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# **X-Ray Attenuation Coefficients (Total Cross Sections): Comparison of the Experimental Data Base With the Recommended Values of Henke and the Theoretical Values of Scofield for Energies Between 0.1-100 keV**

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Prepared for:  
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National Bureau of Standards  
Office of Standard Reference Data  
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Washington, DC 20545

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(TOTAL CROSS SECTIONS):  
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THEORETICAL VALUES OF SCOFIELD FOR  
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**U.S. DEPARTMENT OF COMMERCE, Malcolm Baldrige, *Secretary***  
**NATIONAL BUREAU OF STANDARDS, Ernest Ambler, *Director***



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FOR ENERGIES BETWEEN 0.1-100 KEV

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ABSTRACT

A comparison is carried out, in both graphical and tabular form, over the energy range 0.1-100 keV between the National Bureau of Standards' data base of experimental x-ray attenuation coefficients (total absorption cross sections) and cross sections obtained using two sets of photoionization cross section values: the semi-empirical set of recommended values produced by Henke et al which covers the energy range .03-10 keV; and a theoretical set calculated by Scofield which covered the range 1-1500 keV and was extended by Scofield, at our request, to also cover the 0.1-1 keV range. There has been some disagreement over whether Scofield's results should be subject to renormalization from a Hartree-Slater to a Hartree-Fock atomic model. Therefore in the tables a comparison is made of Scofield's predictions both with and without this renormalization.

INTRODUCTION

The purpose of this study is to examine and present recommended values for cross sections of the interaction of x rays with atoms. We seek to use the NBS measured data collection to evaluate the status of our knowledge of x-ray attenuation cross sections between 0.1-100 keV by comparing the experimental data with cross sections obtained using a semi-empirical set of recommended values of the photoionization cross section and using a theoretical calculation of the photoionization cross section. Coherent and incoherent scattering cross sections are added to the photoionization cross section to obtain attenuation cross sections to compare with the experimental data.

The National Bureau of Standards (NBS) Photon and Charged Particle Data Center abstracts from the literature and computerizes values of experimental photon total attenuation

coefficients<sup>1</sup>. By mid-1985 this collection included approximately 20,000 data points abstracted from about 500 independent literature sources. Photon energies in this file range from 10 eV to 13.5 GeV and 82 elements are included with atomic number from 1 to 94. There are about 2,500 points for energies 0.1-1 keV, 5,300 points for energies 1-10 keV, and 5,600 points for energies 10-100 keV. A bibliography<sup>2</sup> of this data collection is included in a separate internal report.

The semi-empirical set examined is that of Henke and coworkers<sup>3</sup> which covers the energy range .03-10 keV. This is the most recent comprehensive compilation and is widely used. They interpolated and extrapolated from data in experimental data sets while being guided, to some extent, by experienced judgement and by theoretical calculations of Henry, Bates, and Veigele<sup>4</sup> using a single electron Hartree-Slater model. However Henke et al. do not provide a comparison of their semi-empirical values with the experimental data. The Henke et al values used in the present comparison<sup>5</sup> were in machine readable form and contained a finer grid of values than that of reference 3.

A tape of the theoretical photoionization cross section values, including the cross section values for the individual subshells, was provided to us by Scofield<sup>6</sup>. These values were tabulated for the 1-1500 keV range in his 1973 report<sup>7</sup>. Upon our request, Scofield extended his calculation down to 0.1 keV and

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<sup>1</sup>J. H. Hubbell, Atomic Data 3, 241 (1971).

<sup>2</sup>J. H. Hubbell, H. M. Gerstenberg and E. B. Saloman, Bibliography of Photon Total Cross Section (Attenuation Coefficient) Measurements 10 eV to 13.5 GeV, to be issued as National Bureau of Standards Internal Report NBSIR# 86- .  
J. H. Hubbell, H. M. Gerstenberg and E. B. Saloman.

<sup>3</sup>B. L. Henke, P. Lee, T. J. Tanaka, R. L. Shimabukuro, and B. K. Fujikawa, Atomic Data and Nuclear Data Tables 27, 1 (1982).

<sup>4</sup>E. M. Henry, C. L. Bates, and W. J. Veigele, Phys. Rev. A 6, 2131 (1972).

<sup>5</sup>B. L. Henke, data supplied on DEC compatible floppy diskette, private communication.

<sup>6</sup>J. H. Scofield, private communication.

<sup>7</sup>J. H. Scofield, Theoretical Photoionization Cross Sections from 1 to 1500 keV, Lawrence Livermore Laboratory Report # UCRL-51326, January 12, 1973.



provided us with the results<sup>8</sup> even though the validity of some of the assumptions used in the calculation might be expected to break down in this range. In Scofield's calculation the electrons are treated relativistically as moving in a Hartree-Slater central potential. On the basis of potential model calculations of Pratt and coworkers<sup>9</sup>, a renormalization procedure from Hartree-Slater to Hartree-Fock is suggested as possibly improving the results for atoms with atomic number less than 55. This renormalization procedure is applied to individual atomic shells and has its greatest effect for outer shells. At energies above 1 keV the renormalization changes the cross section generally by less than 10%. A sample of the percentage reduction of the total cross section at an energy of one keV is given in Table 1. At lower energies the effects are larger. Values are tabulated both with and without renormalization in this study as a means of determining the effect of renormalizing. The results for the 0.1-1 keV energy range (for which the effect is the largest of the three decades considered here) show that, on the whole, the unrenormalized results seem to agree better with the experimental results. It is these values which are plotted in the graphs. For energies under 1 keV, both coherent and incoherent scattering are quite small and they are consequently not included in the result. Above 1 keV, they are added to the cross sections of Henke and Scofield. There have been other recent calculations<sup>10</sup> using less complex codes than Scofield's which have not been included in this comparison.

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<sup>8</sup>J. H. Scofield, private communication, 1985.

<sup>9</sup>R. H. Pratt, Phys.Rev. 119, 1619 (1960).

R. D. Schmickley and R. H. Pratt, Phys. Rev 164, 104 (1967).

R. H. Pratt and H. K. Tseng, Phys. Rev. A 5, 1063 (1962).

<sup>10</sup>J. J. Yeh and I. Lindau, Atomic Data and Nuclear Data Tables 32, 1 (1985).

## COMPARISONS

Tables 2A,B,C (see the appendix) show the experimental results and the corresponding interpolated values from Henke et al for the 0.1-1 keV and 1-10 keV ranges and the two versions of Scofield (with and without renormalization) for each of the three energy decades. The Henke et al values were obtained through the use of linear interpolation on total cross sections because his data were provided at closely spaced energy values while the Scofield values were obtained by natural cubic spline interpolation on the logs of the energy and the subshell cross sections for energies above 1 keV. For energies below 1 keV, Scofield's values were obtained by linear interpolation on the logs of the energy and the subshell cross sections (because the energy values provided by Scofield made the spline unstable in some cases). All cross section values are given in units of  $10^{-24}$  cm<sup>2</sup>/atom (barns/atom). In the table the following abbreviations are used:

IZ or ILT	Atomic number of the element.
MSET	Accession number in the NBS data base.
NMAX	Total number of experimental points in data set.
REF	Reference code (see bibliography <sup>2</sup> ). If a five digit code is listed here, add a 0 before the last digit to obtain the code used in the bibliography.
NTAL	Number of distinct data points in 100-1000 eV range.
RMSDH	Root mean square deviation in percent of the values of Henke et al from the experimental data.
RMSDS	Root mean square deviation in percent of the values of the unrenormalized Scofield calculation from the experimental data.
RMSDSR	Root mean square deviation in percent of the values of the renormalized Scofield calculation from the experimental data.
N	Data point number.
E	Data point photon energy in eV.
ATEX	Experimental attenuation cross section.
ATTHH	Interpolated attenuation cross section from Henke.
PEH	$(ATEX-ATTHH)*100/ATEX$ .
ATTHS	Interpolated attenuation cross section from unrenormalized Scofield.
PES	$(ATEX-ATTHS)*100/ATEX$ .
ATTHSR	Interpolated attenuation cross section from renormalized Scofield.
PESR	$(ATEX-ATTHSR)*100/ATEX$ .

The figures display these data in graphical form for each of the three energy decades. In the plots the symbols represent experimental data points, while the solid line gives the result using Scofield's calculation (not renormalized), and the dashed line gives the values using the semi-empirical data set of Henke



et al. The indexes to the figures, Tables 3A,B,C, use the above abbreviations except that here Z is used for atomic number and N identifies the number corresponding to the symbol used to plot the referenced experimental data set. A separate key is used to relate the numbers to the symbols. Note that the symbols repeat themselves starting at N=20 and again at N=39.

The bibliography<sup>2</sup> lists all the references to the data sets in the NBS data base.

## CONCLUSIONS

The comparison for the 0.1-1 keV range shows that the semi-empirical values are in reasonable agreement with the experimental data where the data exist. As can be seen from the figures and Table 2A (appendix), however, there are many elements for which good experimental data are lacking. Scofield's calculation does surprisingly well in an energy region where one might expect its underlying assumptions to begin to break down. It appears to be reasonably accurate down to 100 eV for atomic numbers up to about 35, down to 200 eV for atomic numbers up to about 60, with discrepancies gradually increasing as the atomic number increases. This may be seen in the figures. In the energy region where Scofield's calculation works, it also provides values for the cross sections of the individual atomic shells. In these regions the subshell values may also be valid but our comparison does not provide proof of this. Table 2A also suggests that the Scofield values without renormalization are in better agreement with the experiments than the renormalized values.

It is clear that more experimental and theoretical work is necessary to solidify our knowledge of the attenuation cross sections in the 100-1000 eV photon energy range. Scofield is currently working on an improved version of his theory which will avoid the renormalization problem.

The theoretical results are strictly valid only for free atoms. For molecules and solids there are differences, particularly near absorption edges. In condensed matter such effects as EXAFS (extended x-ray absorption fine structure) must be considered.

The comparison for the 1-10 keV range shows that the semi-empirical values and the theoretical values are in good agreement with each other and with the experimental data where the data exist particularly for elements with atomic number less than 55. Above Z=55 there are 10-20% differences between Henke and Scofield. It is difficult to generalize as to which data set to prefer from the scatter of the experimental points. As can be seen from Table 2B, however, there are several elements for which



good experimental data are lacking. Since the renormalization correction is relatively small, it is difficult to determine from Table 2B whether the unrenormalized Scofield values are in better agreement with the experiments than the renormalized values. We must rely on the more sensitive results from the lower energy decade.

The comparison for the 10-100 keV range shows excellent agreement between Scofield's calculation and the experimental data for atomic numbers greater than three. The experimental results at lower Z are questionable because of the sensitivity of the experiments to impurities in the samples due to the very low cross sections of these elements. As can be seen from Table 2C, the effect of renormalization is only about 1% in this range. Hence no conclusion can be drawn about the value of renormalizing from the data in this decade.

#### ACKNOWLEDGEMENTS

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TABLE 1

Reduction in percent of the total x-ray attenuation cross section for atomic number Z at an energy of 1000 eV caused by applying Hartree-Slater to Hartree-Fock renormalization to Scofield's photoionization calculation.

<u>Z</u>	<u>REDUCTION</u>
1	0.0
2	4.0
21	6.0
31	9.9
41	7.7
51	7.3
54	8.3

Key to symbols on plots:  
 Solid lines - Scofield results  
 Dashed lines - Henke, et al. values  
 Experimental points

Symbol	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

TABLE 3A  
INDEX TO THE FIGURES  
COVERING THE ENERGY RANGE  
0.1-1.0 KEV

Z	N	MSET	REF	NTAL
1	1	39	67HE1	6
1	2	40	70DE1	6
1	3	41	33ME1	2

Z	N	MSET	REF	NTAL
2	1	68	65LO1	2
2	2	73	64LU1	5
2	3	74	72WA1	7
2	4	75	67HE1	4
2	5	76	70DE1	7
2	6	77	31DE1	1

Z	N	MSET	REF	NTAL
3	1	83	62BA1	9
3	2	84	68KO1	1

Z	N	MSET	REF	NTAL
4	1	100	54JO1	10
4	2	101	64LU3	20
4	3	102	70HA1	33
4	4	103	63PE1	19
4	5	104	64CO3	3
4	6	105	69SE1	17
4	7	106	64OG1	1

Z	N	MSET	REF	NTAL
5	1	139	68KO1	1

Z	N	MSET	REF	NTAL
6	1	265	68FO1	12
6	2	266	67HE1	9
6	3	267	70DE2	6
6	4	268	70DE1	7
6	5	269	68WE1	6
6	6	270	33ME1	2
6	7	271	65DU1	1
6	8	272	28KU1	1
6	9	273	31DE1	1
6	10	274	64OG1	2
6	11	275	66BE1	2
6	12	276	69SE1	17

Z	N	MSET	REF	NTAL
7	1	363	78CO1	11
7	2	364	75DA1	3
7	3	365	71DE3	3
7	4	366	20HO1	10
7	5	367	67HE1	9
7	6	368	70DE1	7
7	7	369	33ME1	2
7	8	370	31DE1	1

7	9	371	28KU1	1
7	10	372	66BE1	2
Z	N	MSET	REF	NTAL
8	1	387	55AB1	1
8	2	390	77SA1	2
8	3	394	78ME1	7
8	4	395	78CO1	11
8	5	396	75DA1	3
8	6	397	71DE3	3
8	7	398	67HE1	9
8	8	399	70DE1	7
8	9	400	33ME1	2
8	10	401	28KU1	1
8	11	402	31DE1	1
8	12	403	64OG1	2
8	13	404	76BO1	97
8	14	405	66BE1	1
8	15	2050	79BA01	48
8	16	2088	85SA01	1
Z	N	MSET	REF	NTAL
9	1	426	67HE1	9
9	2	427	78CO1	15
Z	N	MSET	REF	NTAL
10	1	440	64ED2	11
10	2	443	72WA1	10
10	3	444	67HE1	9
10	4	445	70DE1	4
10	5	446	31DE1	1
10	6	447	69WU1	27
10	7	448	66BE1	2
Z	N	MSET	REF	NTAL
11	1	456	77CO1	10
11	2	457	68KO1	1
Z	N	MSET	REF	NTAL
12	1	24	64CO3	3
12	2	32	53TO1	3
12	3	33	57BA1	4
12	4	34	68KO1	1
Z	N	MSET	REF	NTAL
13	1	466	51TO1	4
13	2	467	67FO1	8
13	3	468	69HA1	23
13	4	469	70GA1	18
13	5	470	64LU2	5
13	6	471	67ER2	13
13	7	472	67ER1	9
13	8	473	76LU1	1

13	9	474	68K01	1
13	10	475	67SI1	1
13	11	476	37HI1	4
13	12	477	36BA1	7
13	13	478	64CO3	4
13	14	479	66BE1	2
13	15	480	64CO3	2
13	16	481	64OG1	1

Z	N	MSET	REF	NTAL
14	1	621	56TO1	26
14	2	622	70GA1	21
14	3	623	66ER1	27
14	4	624	68K01	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
16	1	652	67HE1	9

Z	N	MSET	REF	NTAL
17	1	677	78CO1	15
17	2	678	67HE1	1

Z	N	MSET	REF	NTAL
18	1	696	64AL1	1
18	2	697	63LU1	13
18	3	698	72WA1	13
18	4	699	67HE1	9
18	5	701	69DE2	140
18	6	702	31DE1	1
18	7	703	69WU1	27
18	8	704	66BE1	2
18	9	700	70DE1	7

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
20	1	723	68K01	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
22	1	739	69S01	5
22	2	740	67ER1	10
22	3	741	67ER2	13
22	4	742	76LU1	1
22	5	743	68K01	1
22	6	744	72MC1	1
22	7	745	72KY1	1

Z	N	MSET	REF	NTAL
23	1	770	69S01	6



23	2	771	67CR1	10
23	3	772	76LU1	1
23	4	773	68K01	1
23	5	774	72KY1	1

Z	N	MSET	REF	NTAL
24	1	789	69S01	12
24	2	790	67ER1	10
24	3	791	67ER2	13
24	4	792	68K01	1
24	5	793	71FI1	84
24	6	794	72KY1	1

Z	N	MSET	REF	NTAL
25	1	803	69S01	11
25	2	805	72KY1	1

Z	N	MSET	REF	NTAL
26	1	812	69S01	11
26	2	813	57TO1	2
26	3	814	72KY1	1
26	4	815	68K01	1

Z	N	MSET	REF	NTAL
27	1	869	69S01	12
27	2	870	76LU1	1
27	3	871	57TO1	5
27	4	872	68K01	1
27	5	873	72KY1	1

Z	N	MSET	REF	NTAL
28	1	889	69S01	14
28	2	890	57TO1	8
28	3	891	76LU1	1
28	4	892	68K01	1
28	5	893	67ER2	11
28	6	894	72KY1	1

Z	N	MSET	REF	NTAL
29	1	932	69S01	12
29	2	933	57TO1	12
29	3	934	37HI1	4
29	4	935	64CO3	4
29	5	936	72KY1	1
29	6	937	64KH1	1

Z	N	MSET	REF	NTAL
30	1	1060	57TO1	25
30	2	1061	68K01	1

Z	N	MSET	REF	NTAL
31	1	1102	57TO1	17

Z	N	MSET	REF	NTAL
32	1	1104	7OCA1	16
32	2	1105	57TO1	22
32	3	1106	67ER2	12

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
34	1	1127	62VO1	6
34	2	1128	7OCA1	15

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
36	1	1148	64LU1	7
36	2	1149	75LA1	13
36	3	1150	69HA3	11
36	4	1151	67HE1	9
36	5	1152	31DE1	1
36	6	1153	69WU1	27

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
38	1	1157	68KO1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
40	1	1162	67ZH1	15
40	2	1163	76LU1	1
40	3	1164	68KO1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
41	1	1187	76LU1	1
41	2	1188	68KO1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
42	1	1200	67ZH1	15
42	2	1201	76LU1	1
42	3	1202	68KO1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
47	1	1248	68MA1	9
47	2	1249	67ZH1	15

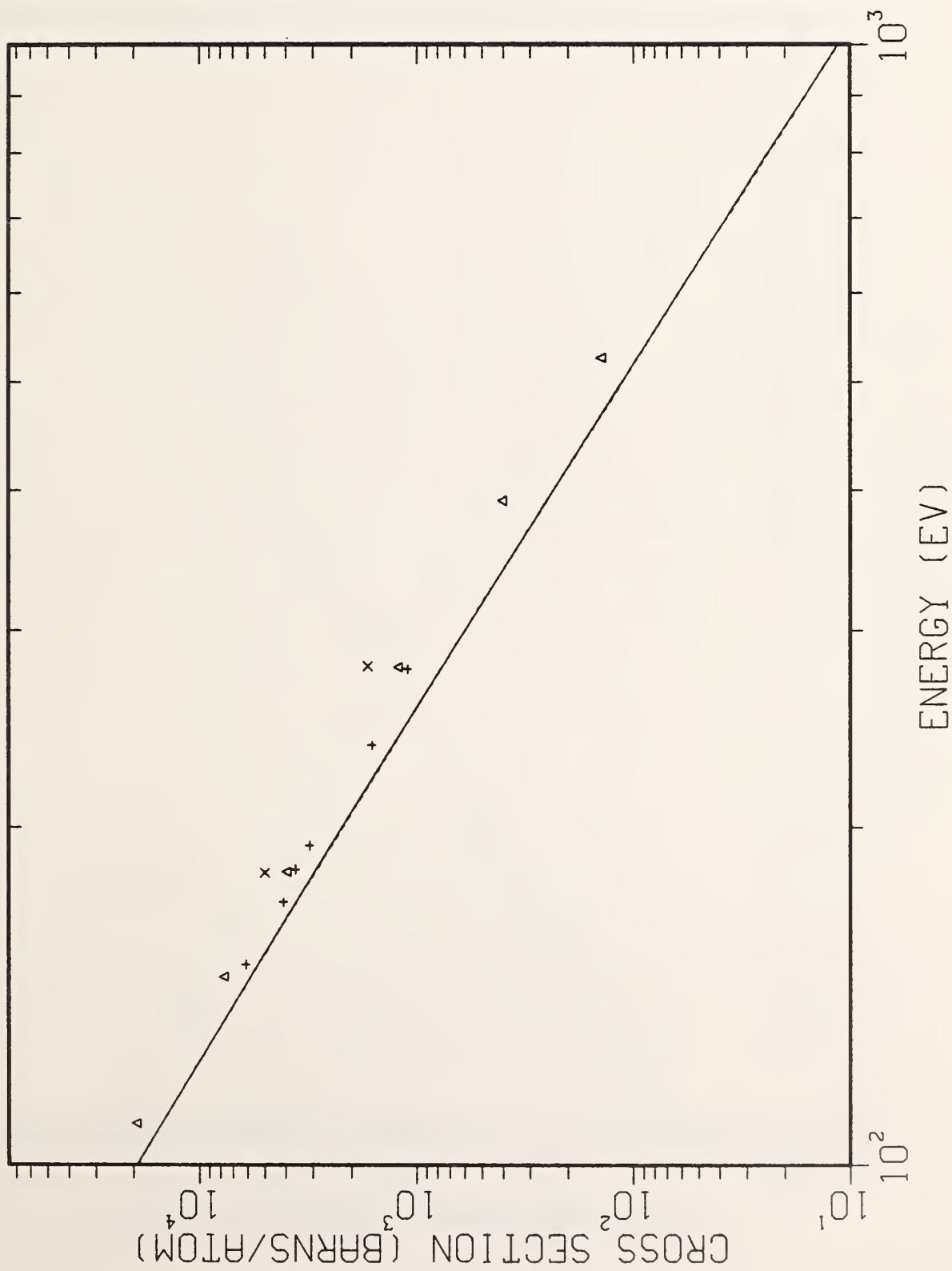
47	3	1250	64LU1	5
47	4	1251	76LU1	1
47	5	1252	68KO1	1
47	6	1253	76LU1	1
47	7	1254	64CO3	4
47	8	1255	37HI1	2
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
50	1	1347	66CO1	1
50	2	1348	68HA1	9
50	3	1349	66LU2	8
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
52	1	1432	55WO1	3
52	2	1433	73SO1	9
52	3	1434	66LU2	8
52	4	1436	61NO2	1
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
54	1	1456	64ED1	15
54	2	1457	64LU1	8
54	3	1458	75LA1	13
54	4	1459	69HA3	25
54	5	1460	67HE1	9
54	6	1461	31DE1	1
54	7	1462	66LU1	12
54	8	1463	68DE1	32
54	9	1464	69WU1	34
Z	N	MSET	REF	NTAL
55	1	1471	71OT1	25
Z	N	MSET	REF	NTAL
56	1	1473	68KO1	1
56	2	1474	71OT1	29
Z	N	MSET	REF	NTAL
57	1	1479	67ZI1	13
57	2	1480	31OT1	34
Z	N	MSET	REF	NTAL
58	1	1485	67ZI1	11
58	2	1486	70HA2	30
58	3	1487	71OT1	35

Z	N	MSET	REF	NTAL
59	1	1494	67ZI1	13
59	2	1495	7OHA2	32
Z	N	MSET	REF	NTAL
60	1	1498	67ZI1	12
60	2	1499	3OHA2	31
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
62	1	1504	67ZI1	13
62	2	1505	7OHA2	33
Z	N	MSET	REF	NTAL
63	1	1511	67ZI1	13
Z	N	MSET	REF	NTAL
64	1	1512	67ZI1	13
Z	N	MSET	REF	NTAL
65	1	1523	73GR1	16
Z	N	MSET	REF	NTAL
66	1	1525	67ZI1	12
Z	N	MSET	REF	NTAL
67	1	1527	67ZI1	12
Z	N	MSET	REF	NTAL
68	1	1532	67ZI1	11
Z	N	MSET	REF	NTAL
69	1	1535	67ZI1	12
Z	N	MSET	REF	NTAL
70	1	1537	67ZI1	13
Z	N	MSET	REF	NTAL
71	1	1544	67ZI1	11
Z	N	MSET	REF	NTAL
72	1	1546	76LU1	1
72	2	1547	68KO1	1
Z	N	MSET	REF	NTAL
73	1	1553	69HA2	12
73	2	1554	68JA1	21
73	3	1555	76LU1	1
73	4	1556	68KO1	1
Z	N	MSET	REF	NTAL
74	1	1586	64HA2	13

74	2	1587	76LU1	1
74	3	1588	68KO1	1
Z	N	MSET	REF	NTAL
75	1	1623	69HA2	12
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
77	1	1625	75CU1	17
Z	N	MSET	REF	NTAL
78	1	1628	69HA2	12
78	2	1629	68JA1	27
Z	N	MSET	REF	NTAL
79	1	1654	69HA2	12
79	2	1655	67ER1	8
79	3	1656	69JA1	20
79	4	1657	66JA1	33
79	5	1658	64LU2	5
79	6	1659	67ER2	13
79	7	1660	76LU1	1
79	8	1661	31DE1	1
79	9	1662	75LU1	1
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
82	1	143	66LU2	8
82	2	144	73HE1	7
Z	N	MSET	REF	NTAL
83	1	1725	68HA1	9
83	2	1726	70DH1	14
83	3	1727	67JA1	36
83	4	1728	69JA1	13
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL

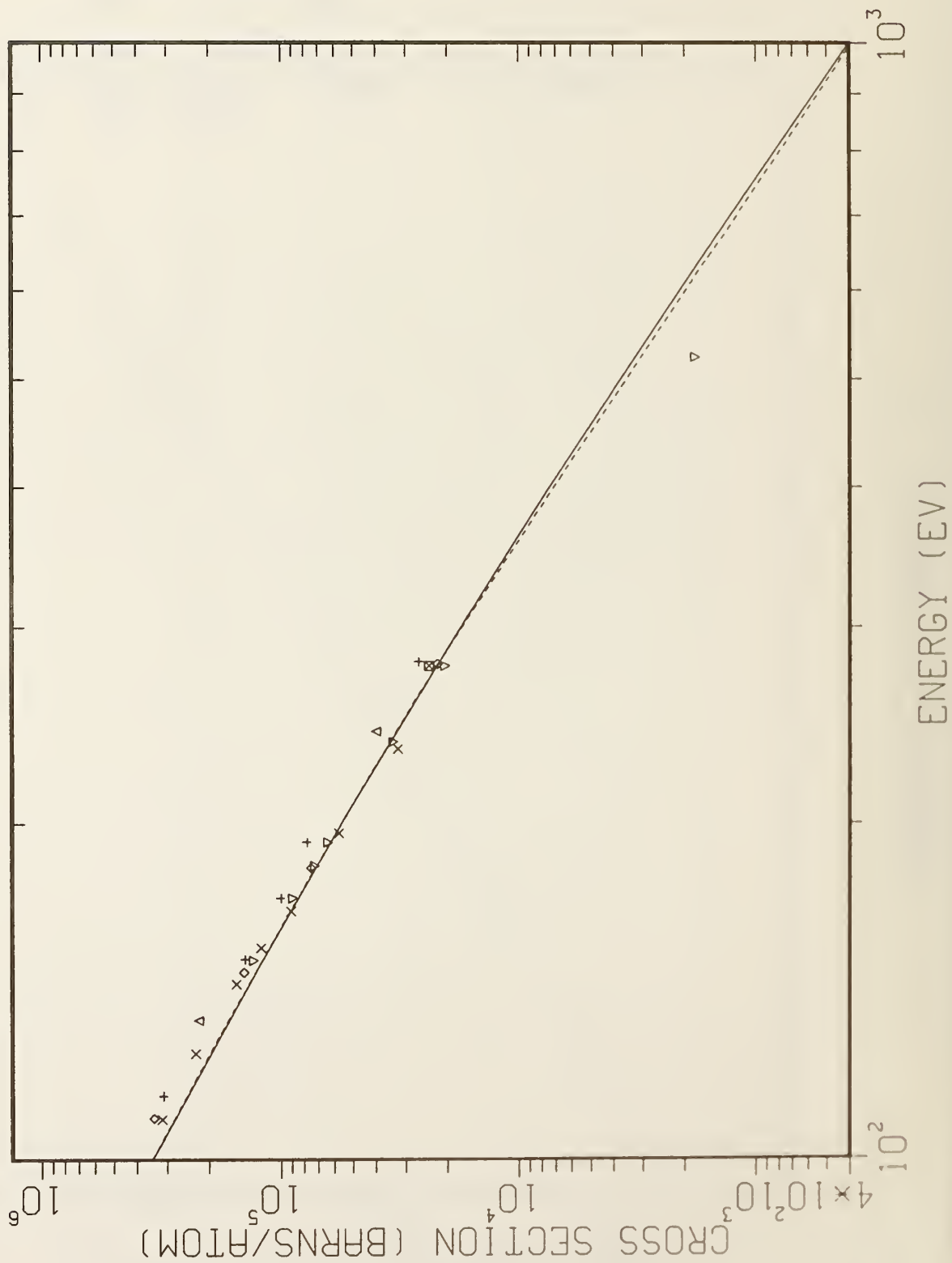
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
92	1	1758	74CU1	24
92	2	1759	81DE1	16
92	3	1760	73DE1	1

ATOMIC NUMBER 1

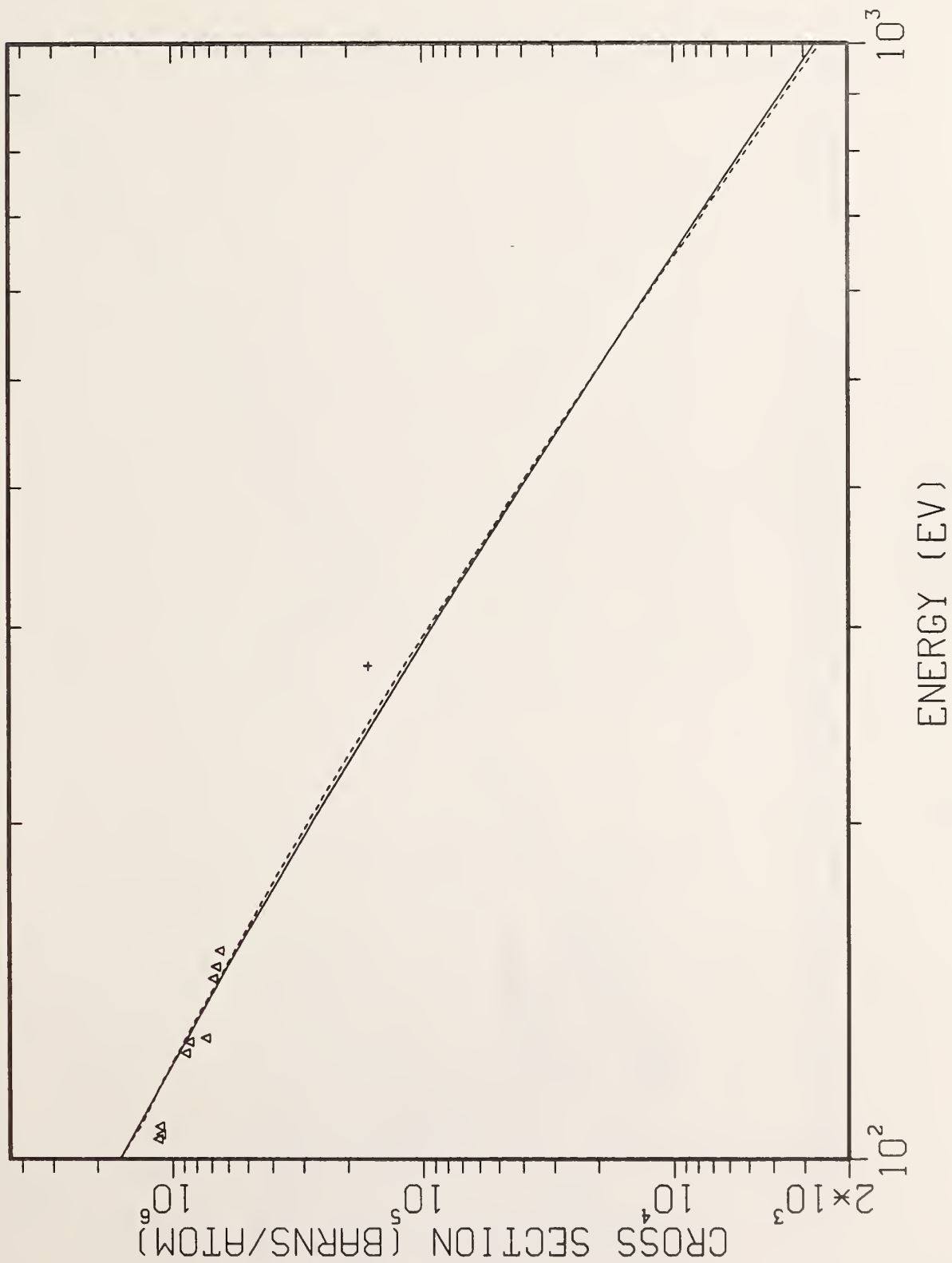




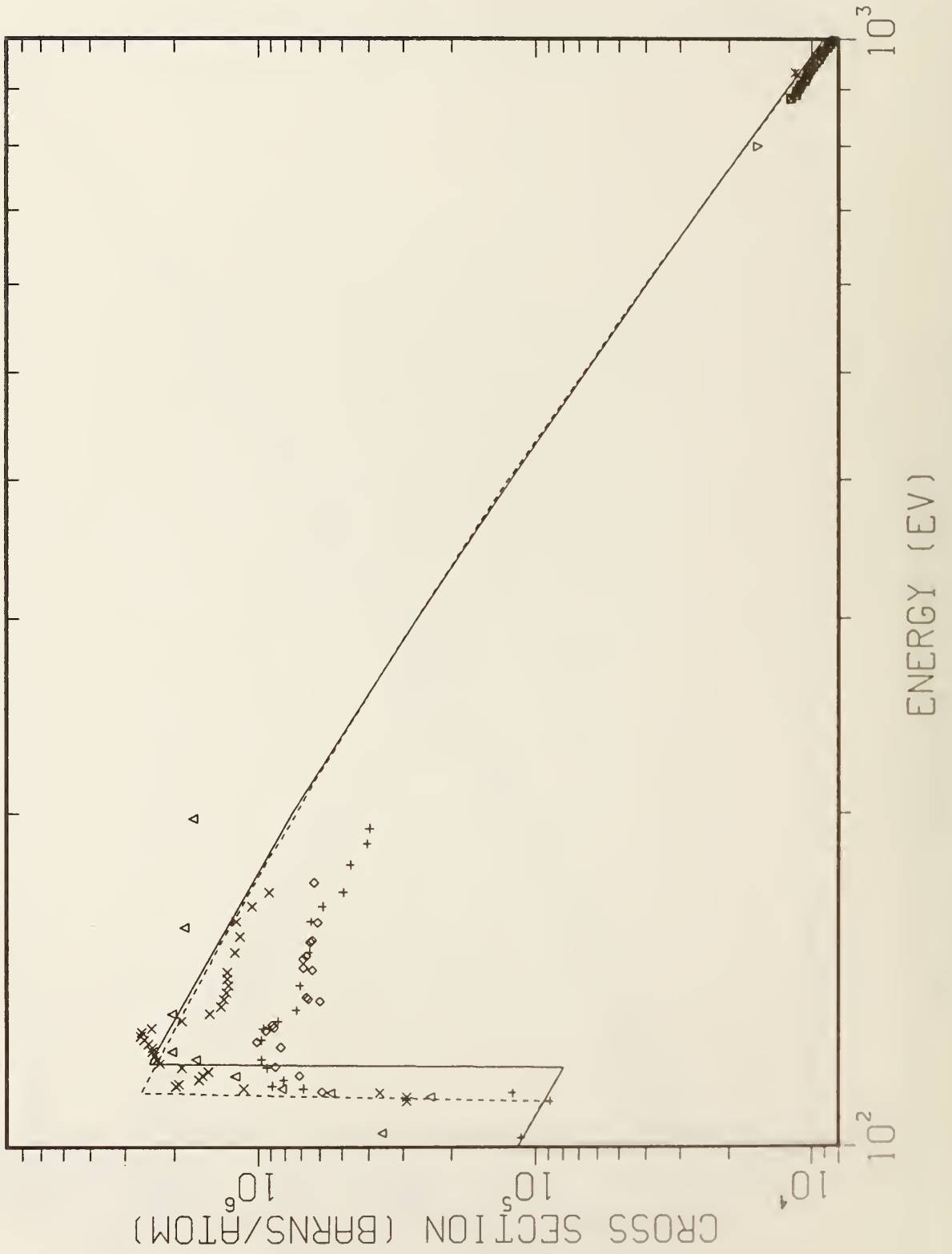
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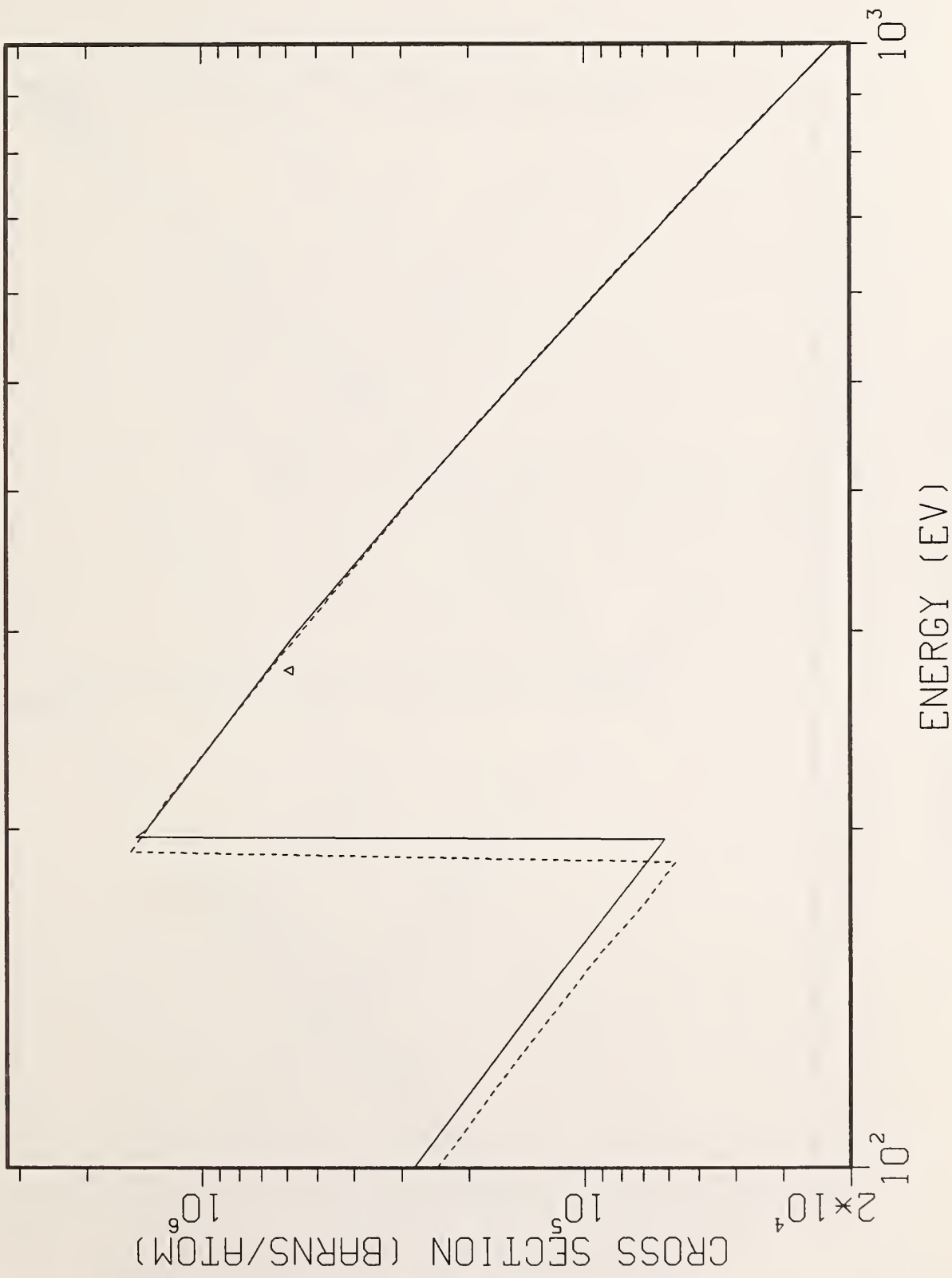
ATOMIC NUMBER 3



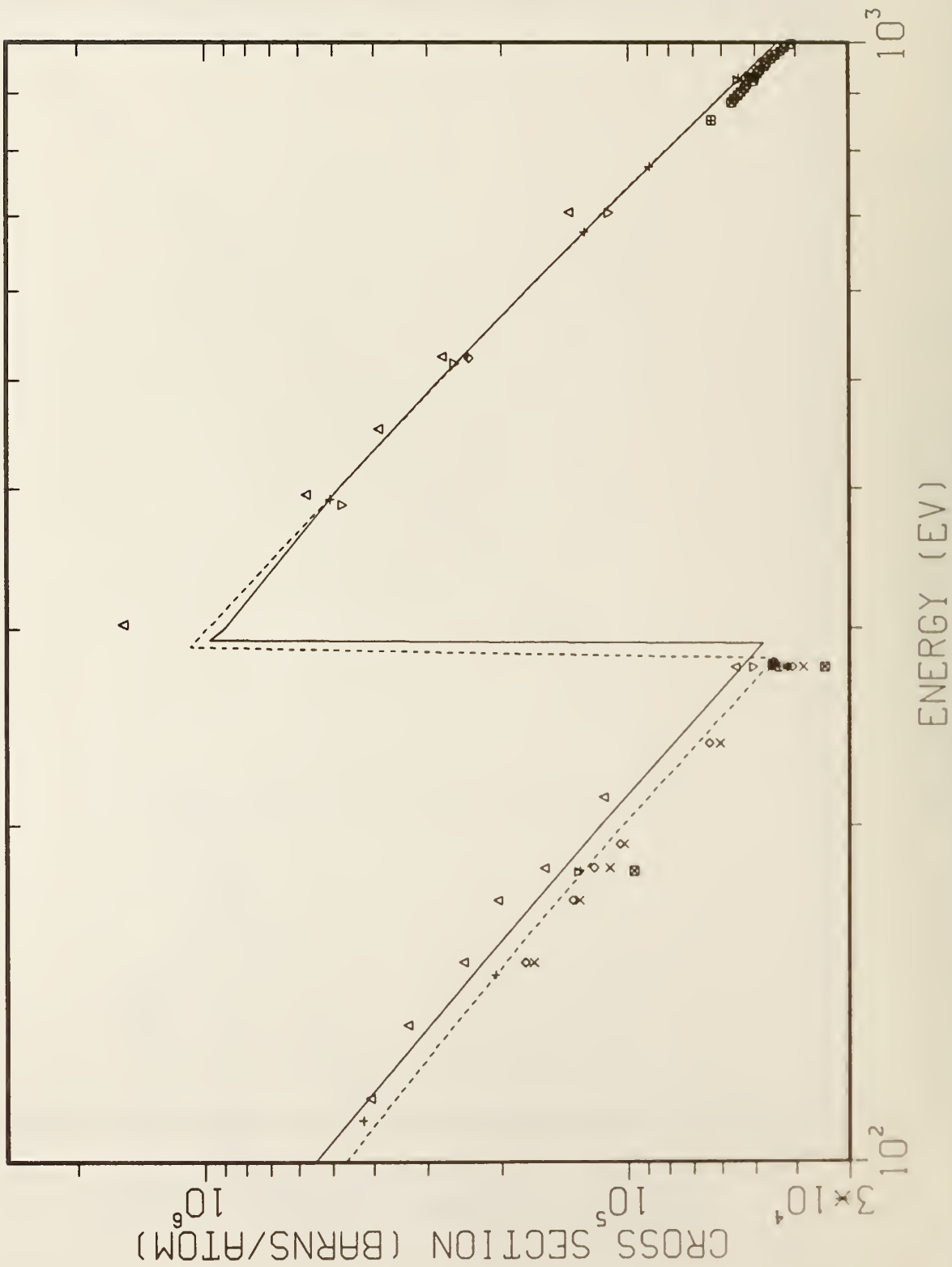
ATOMIC NUMBER 4



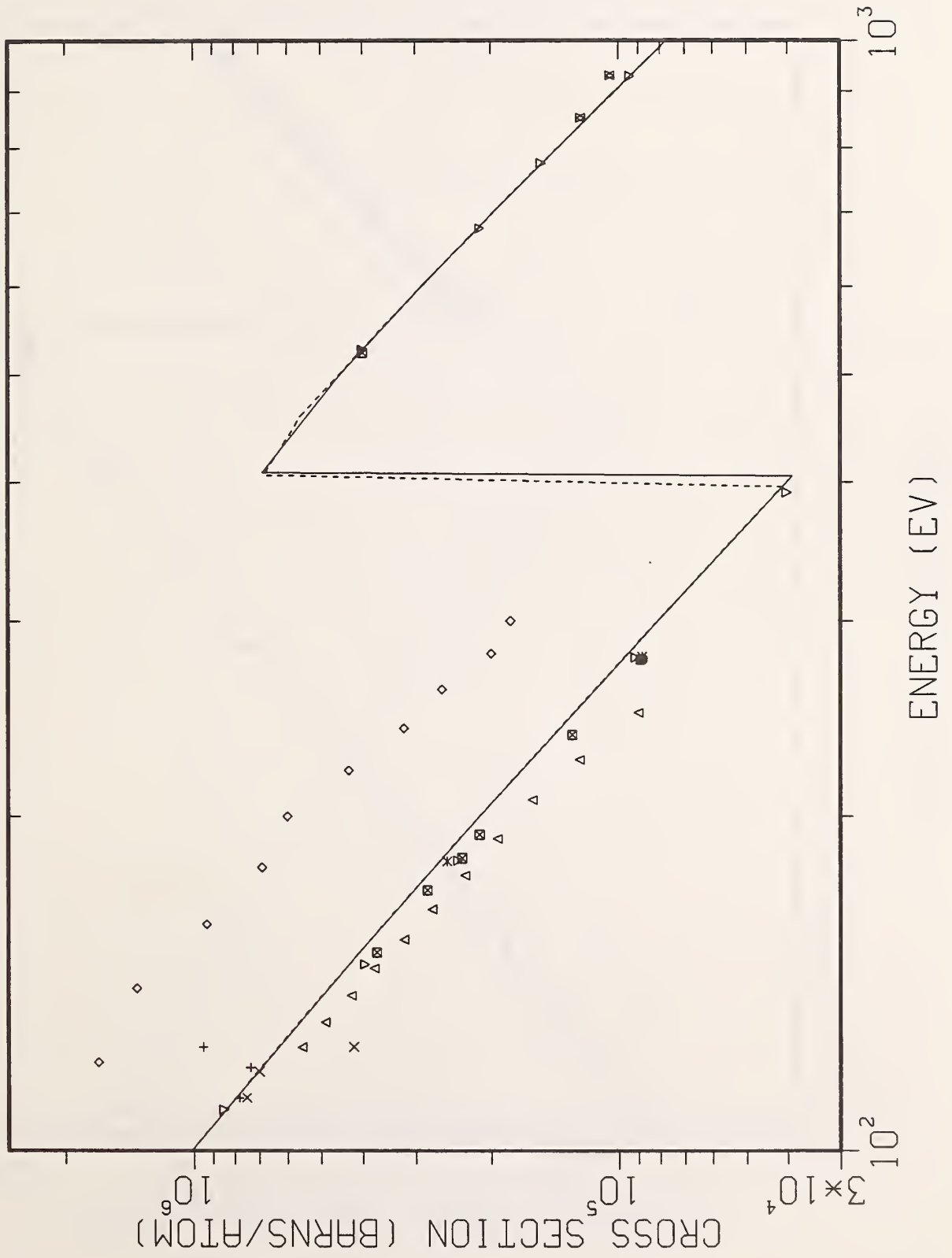
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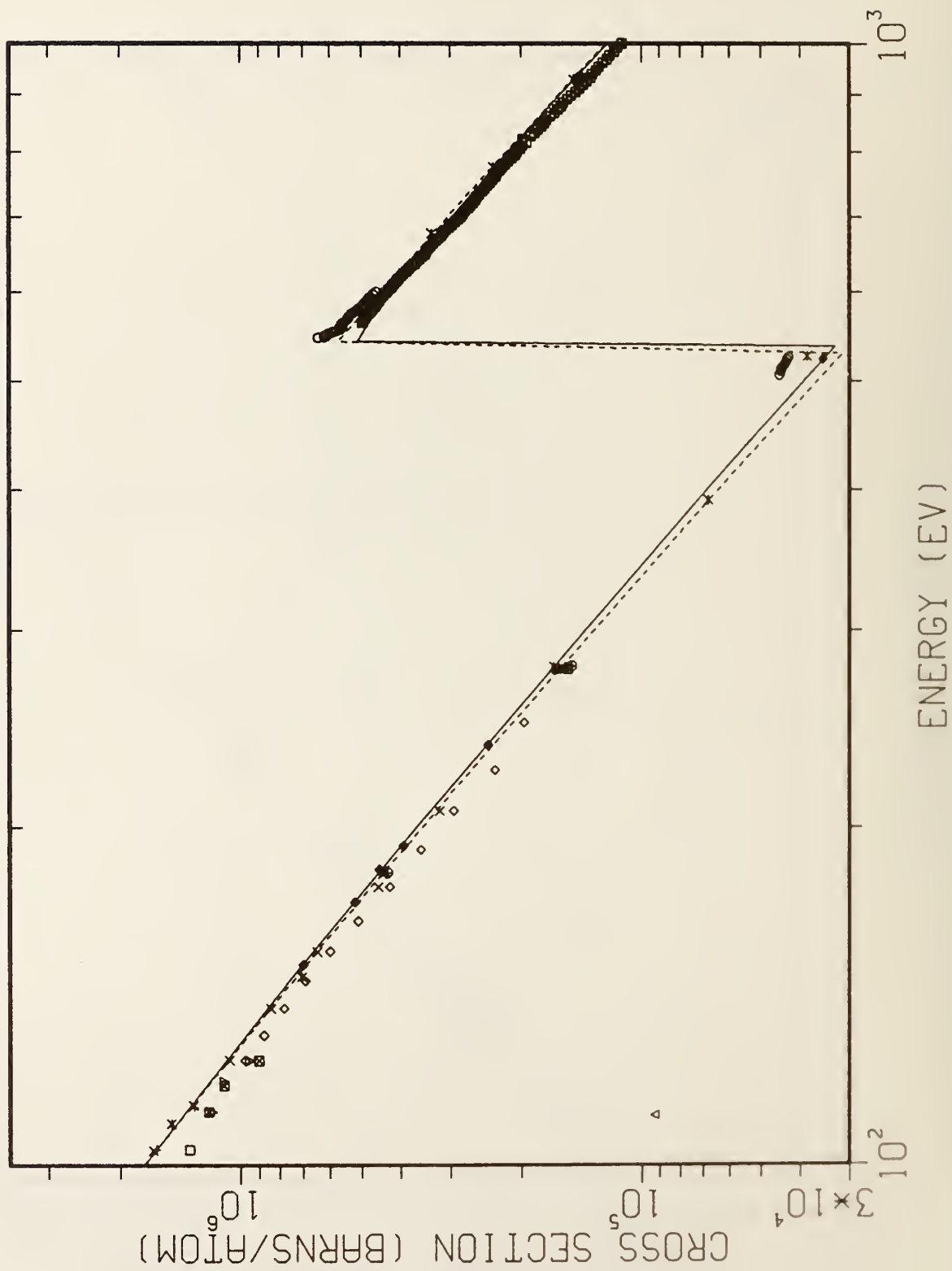
# ATOMIC NUMBER 6



ATOMIC NUMBER 7

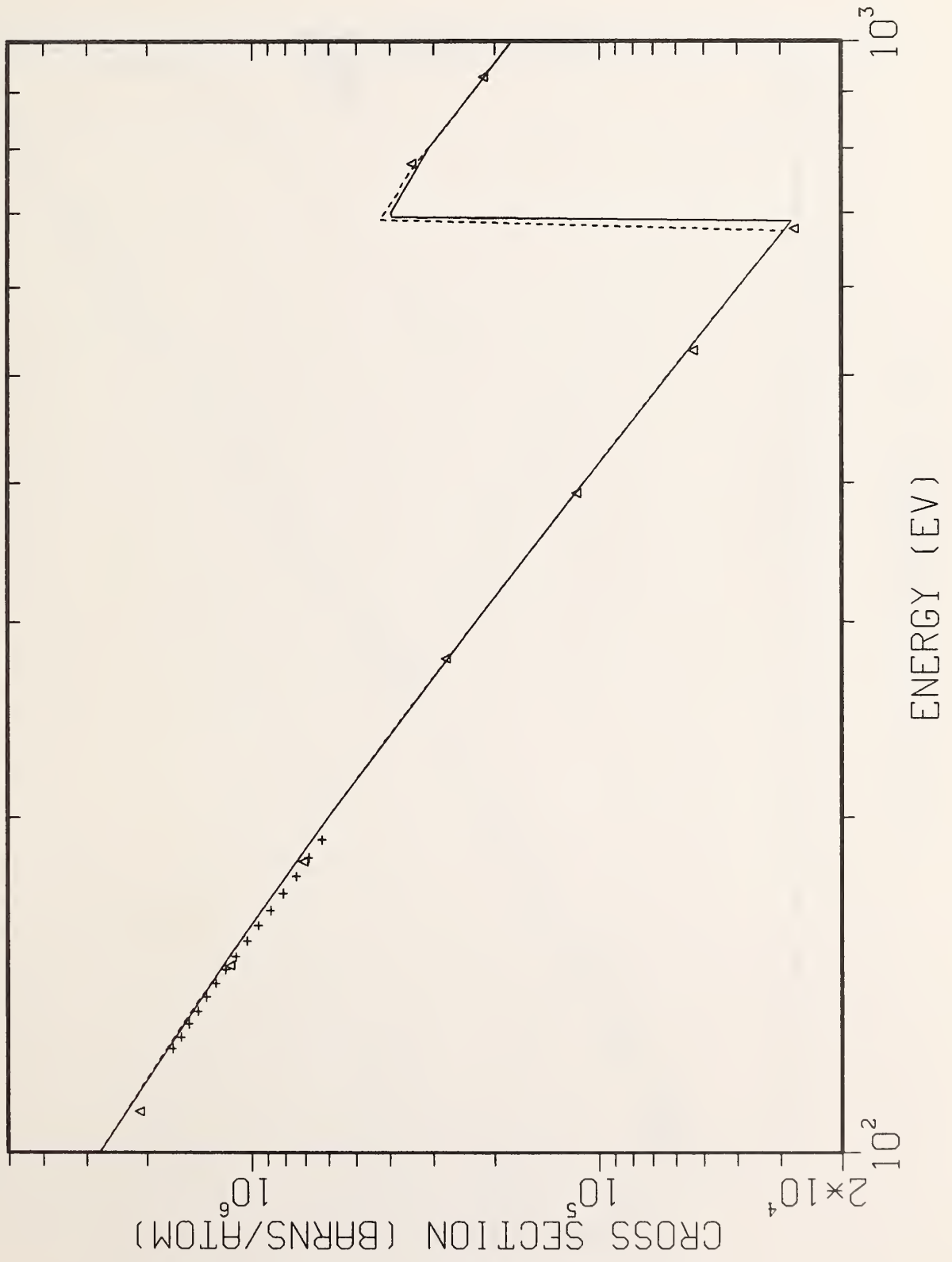


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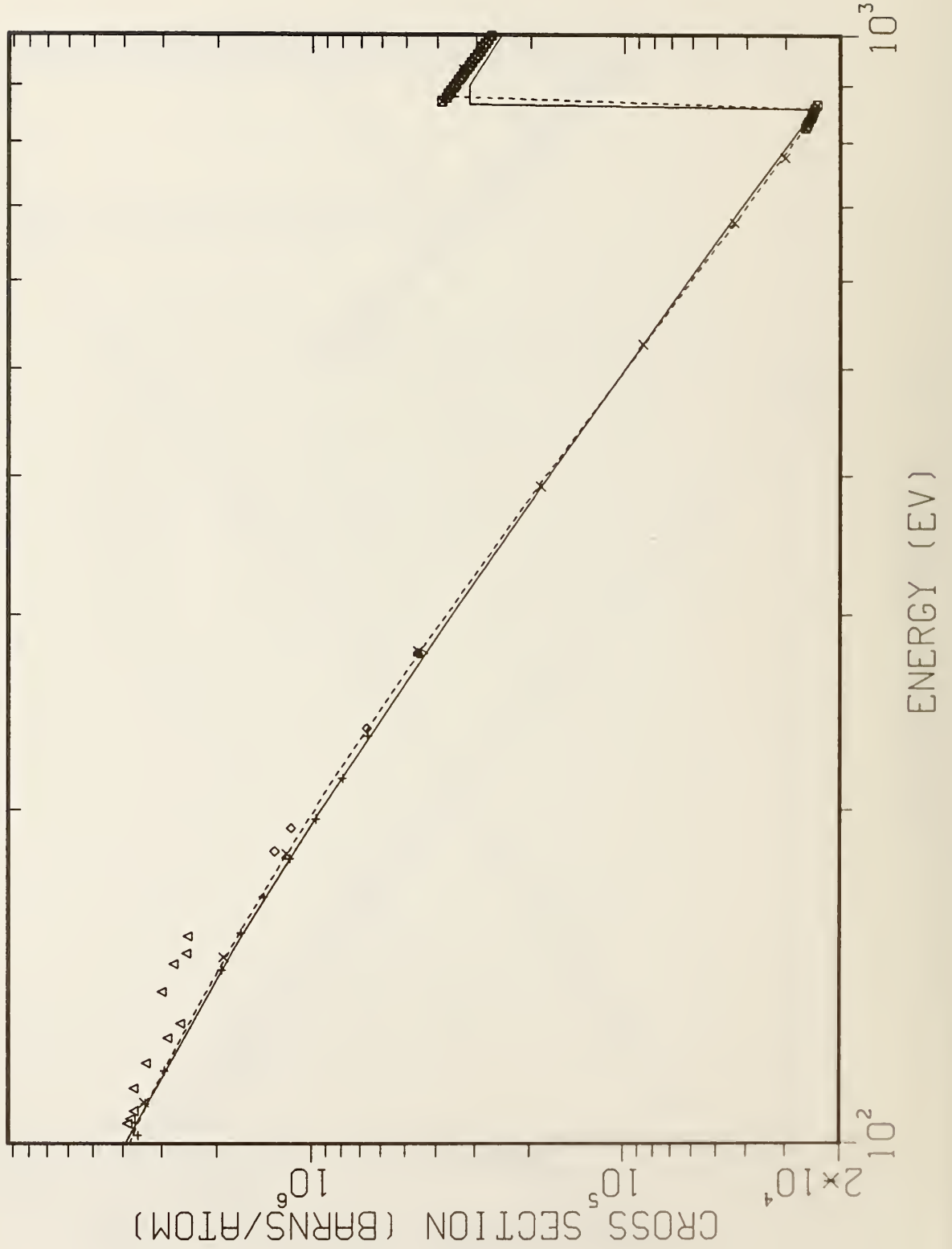




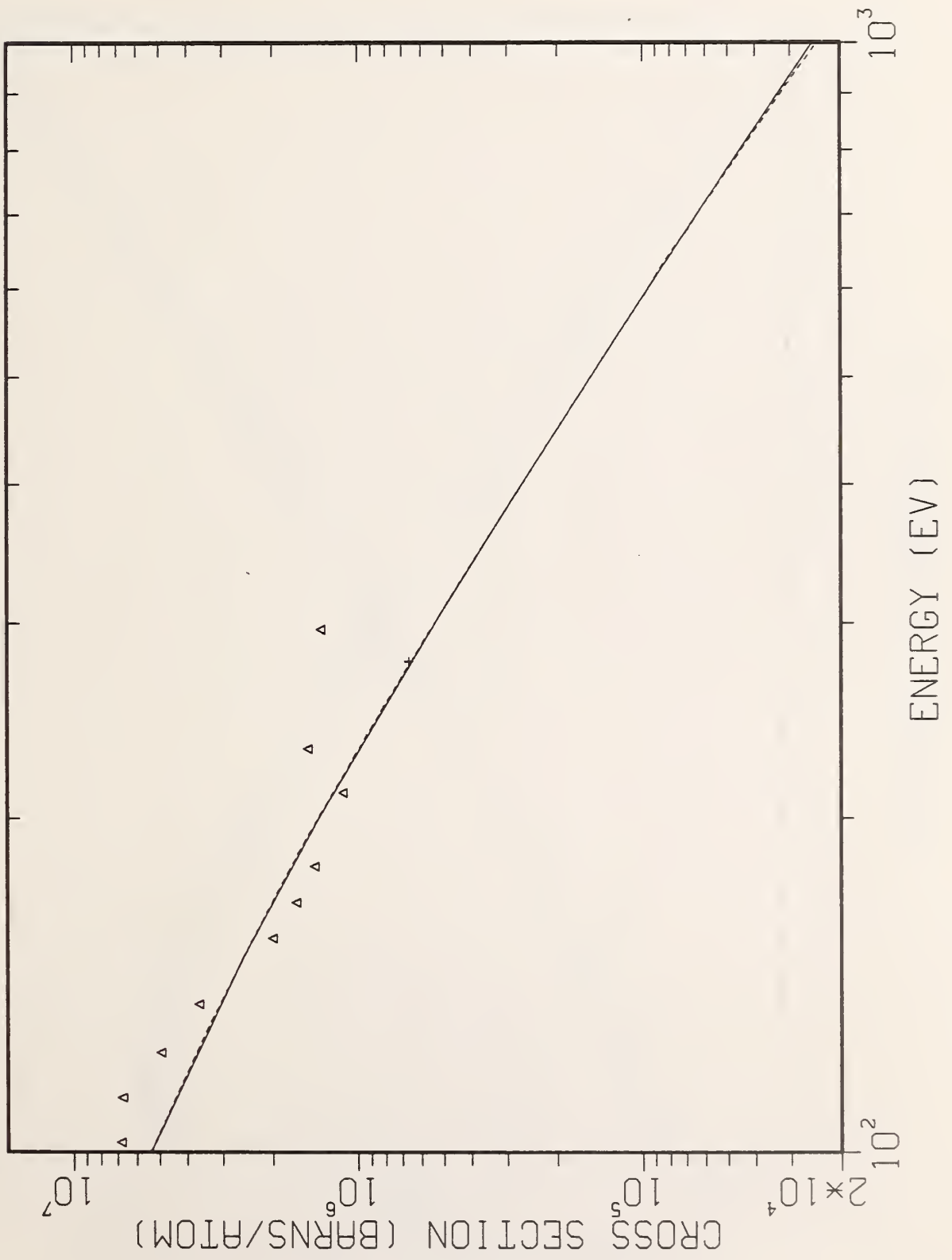
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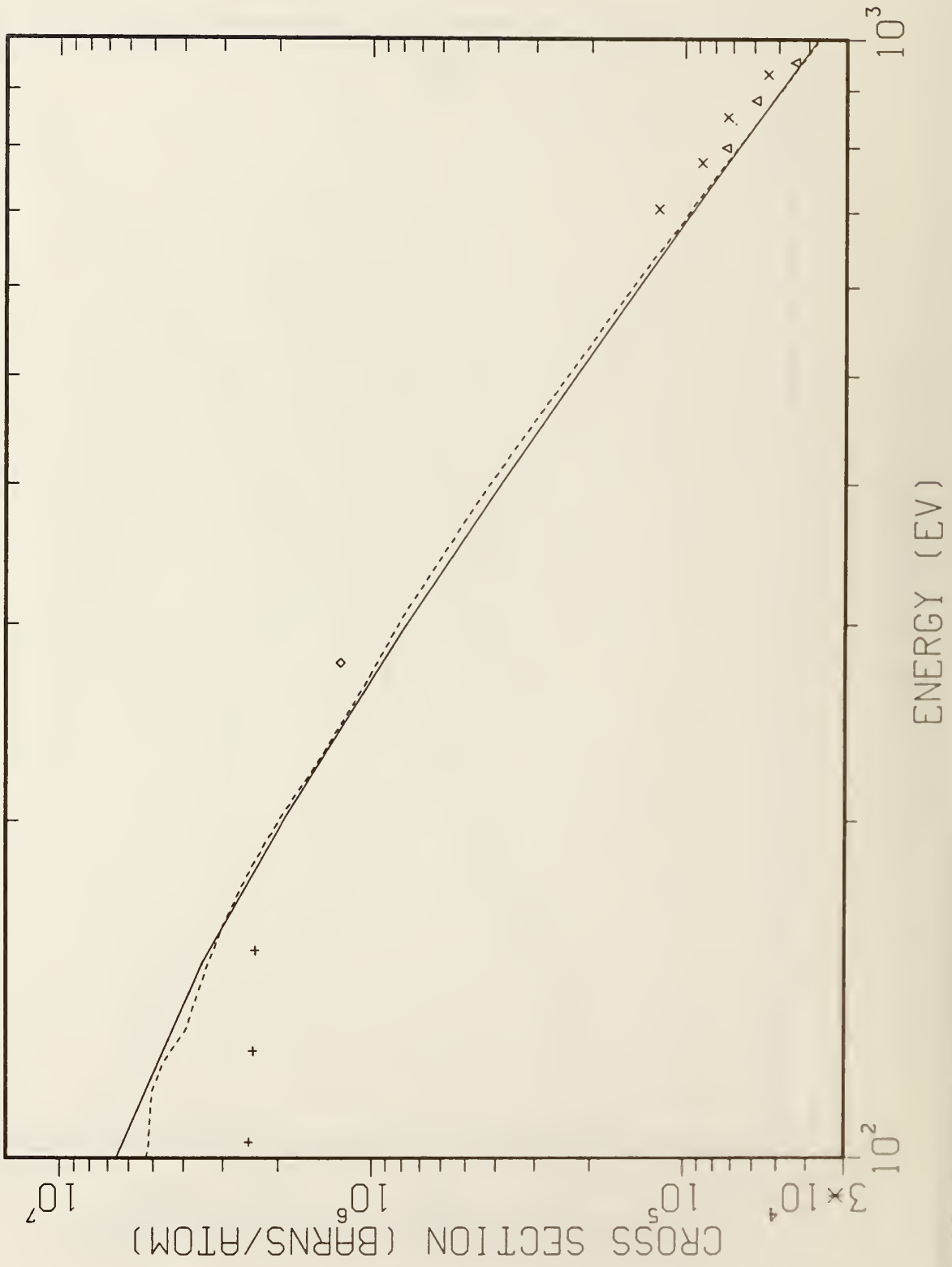
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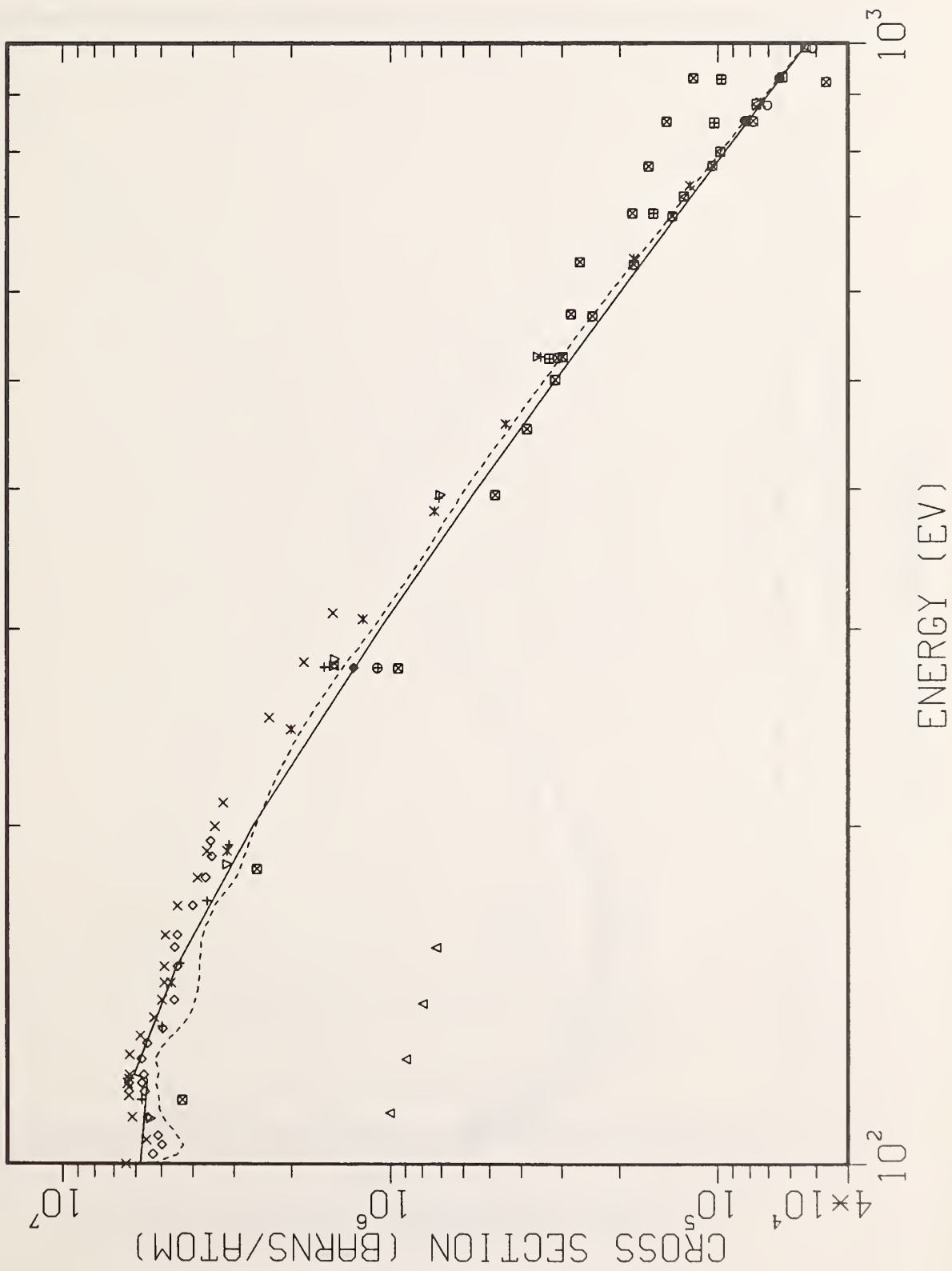
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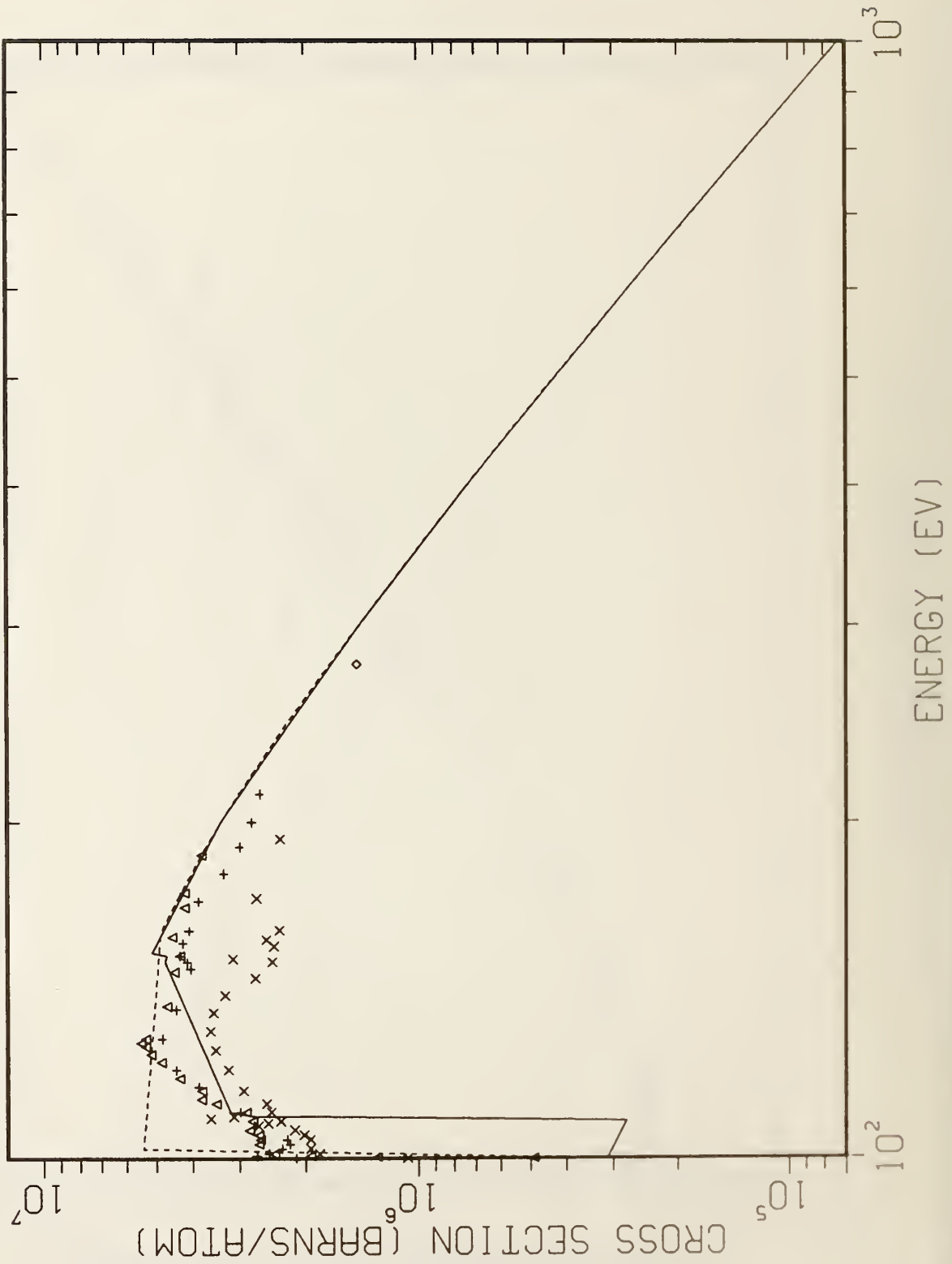
# ATOMIC NUMBER 12



# ATOMIC NUMBER 13

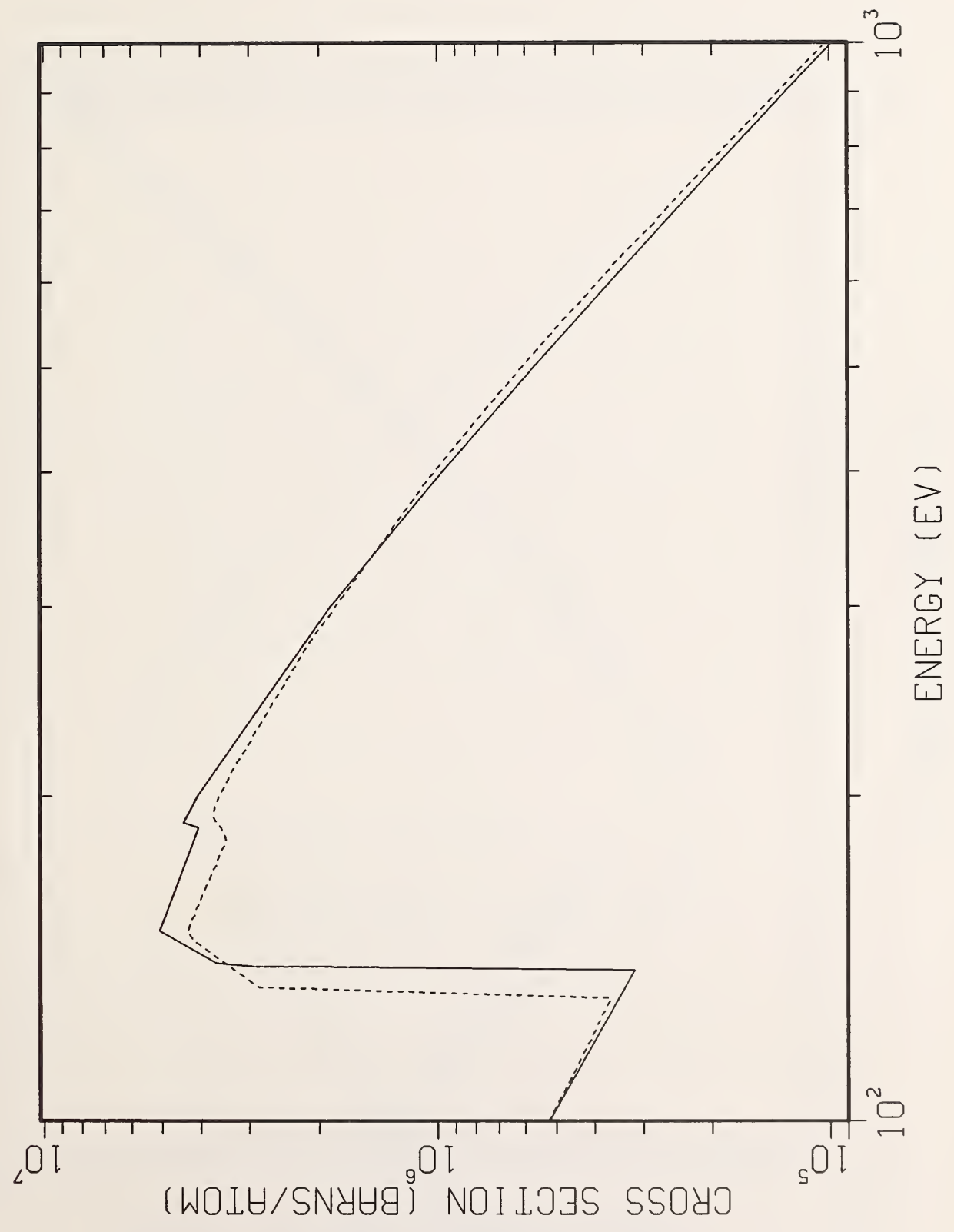


ATOMIC NUMBER 14

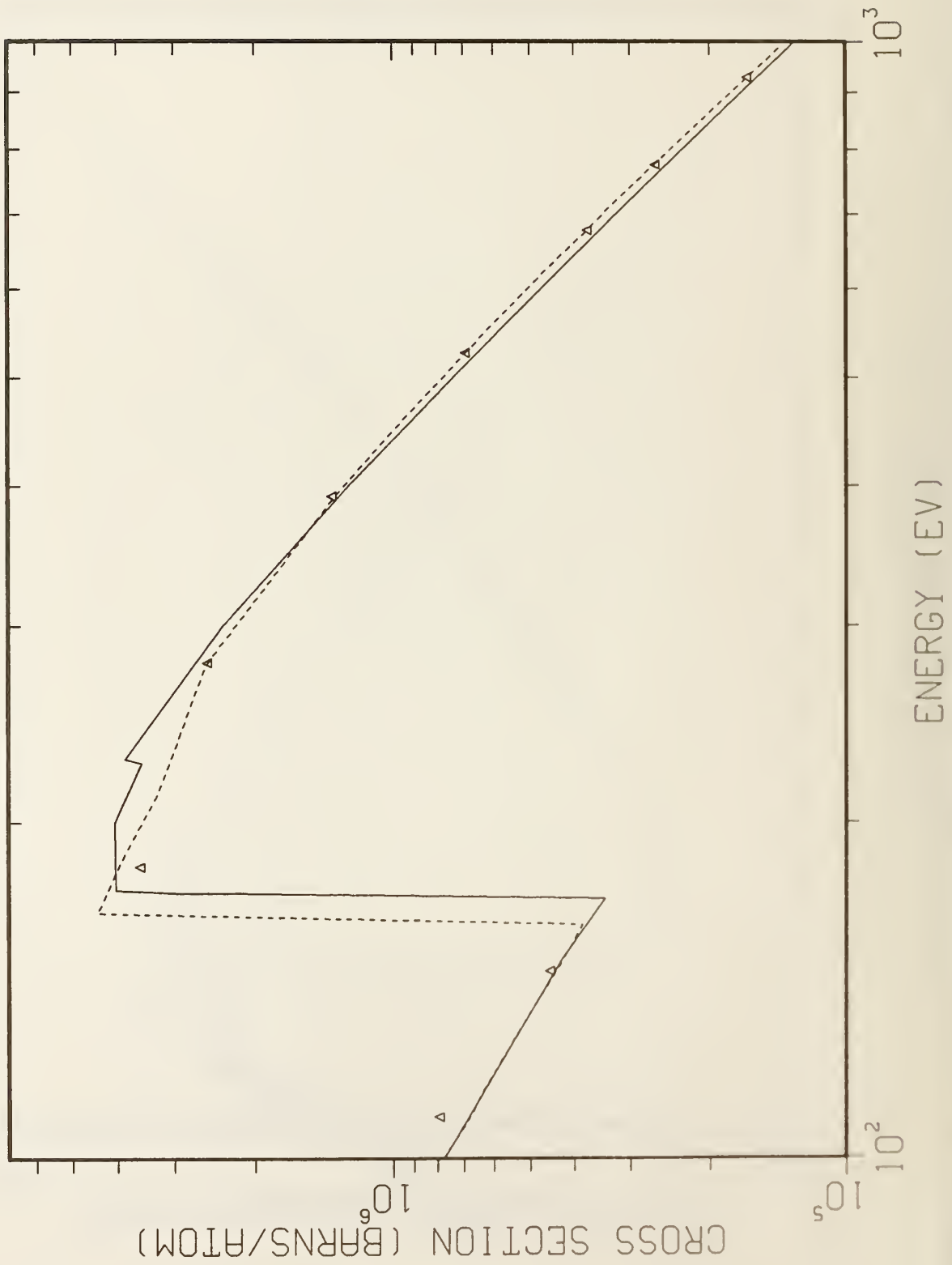




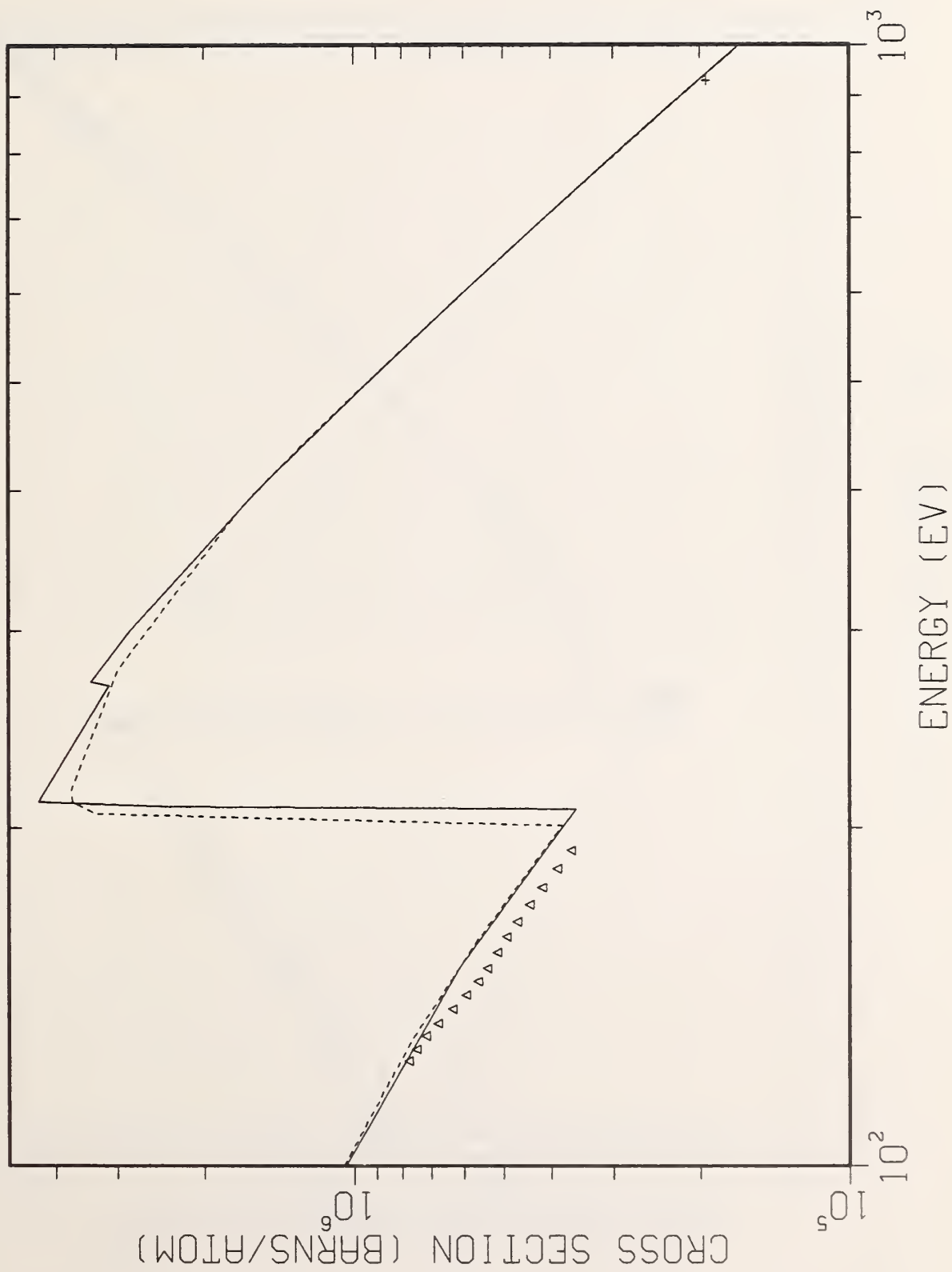
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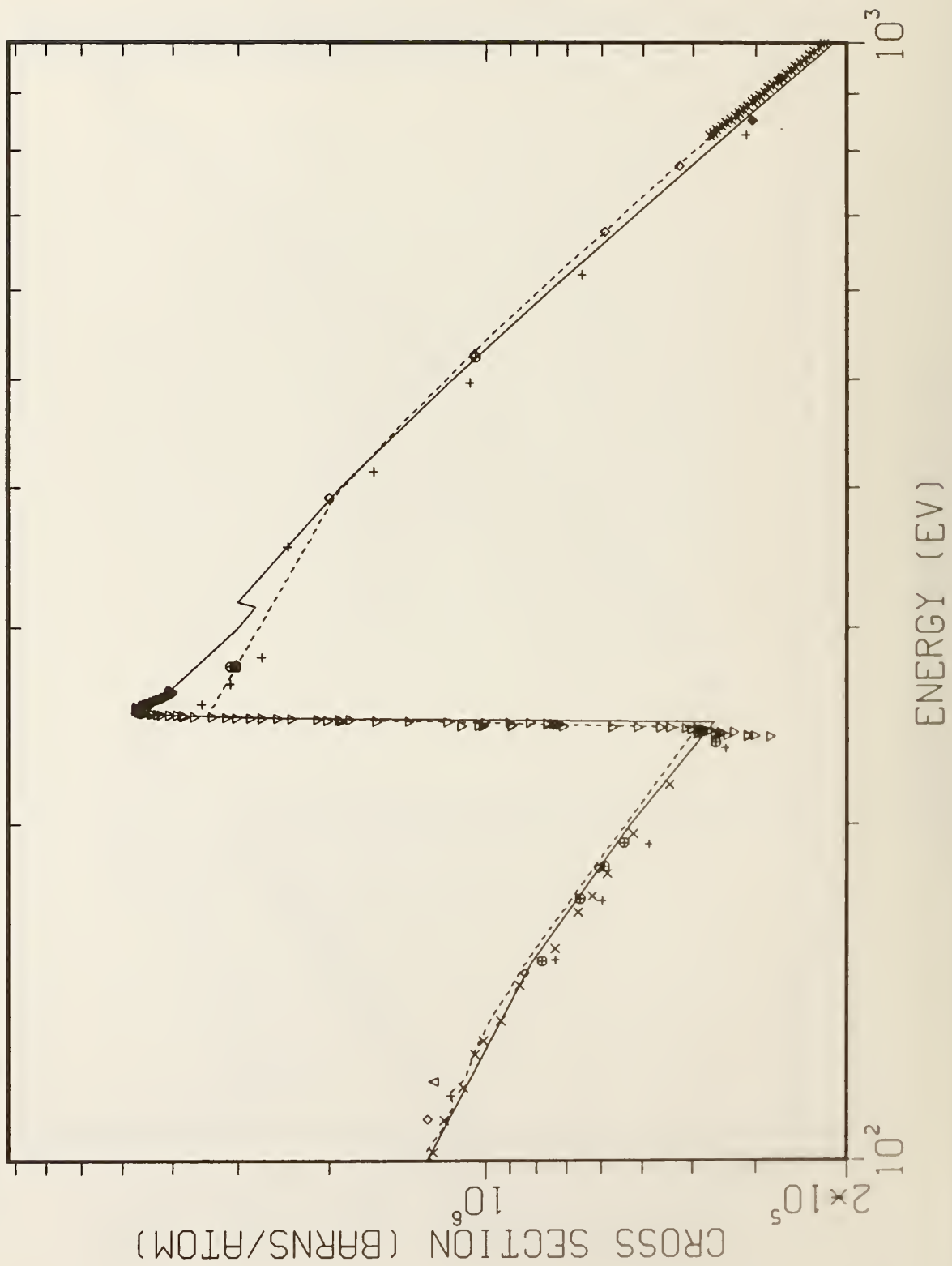
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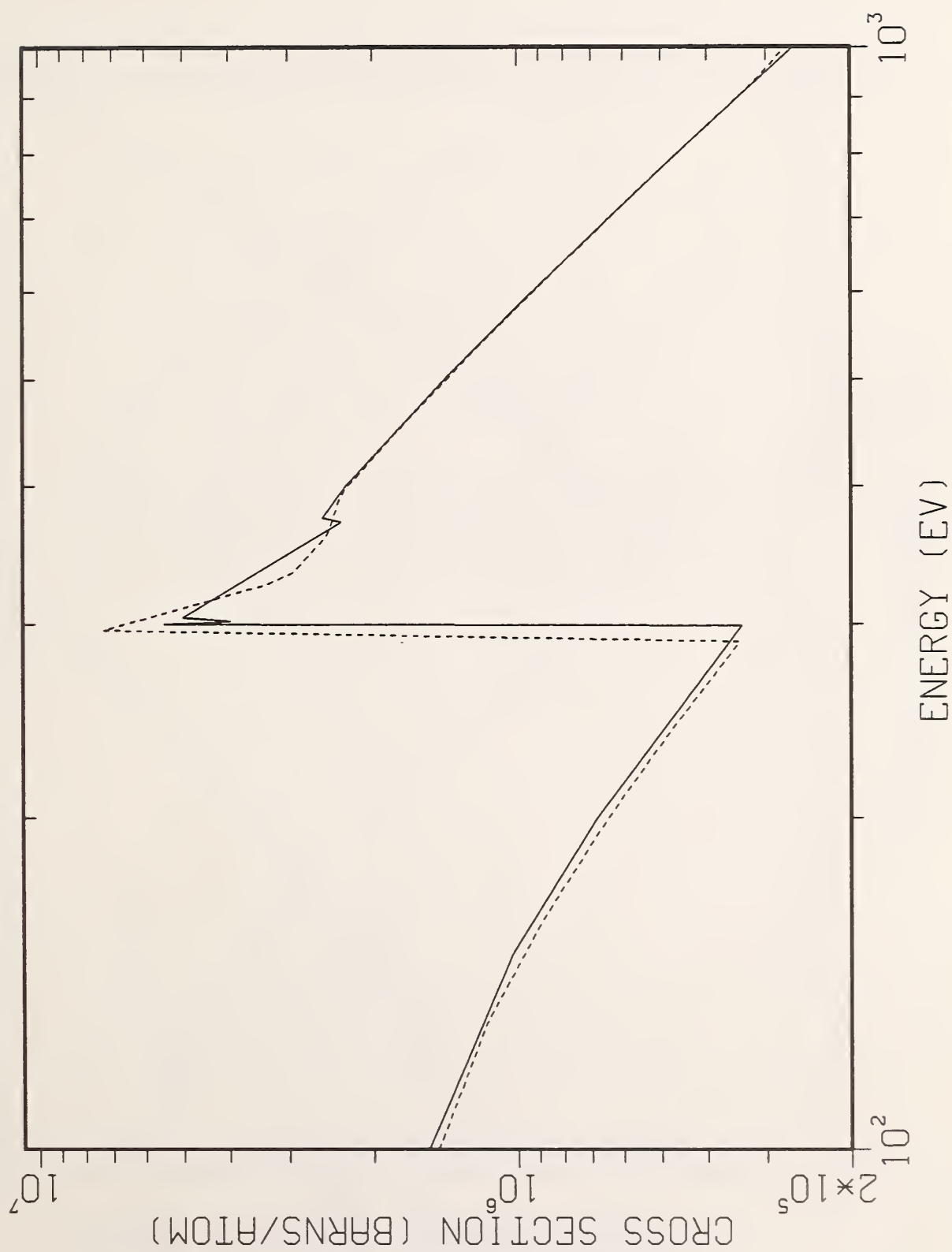
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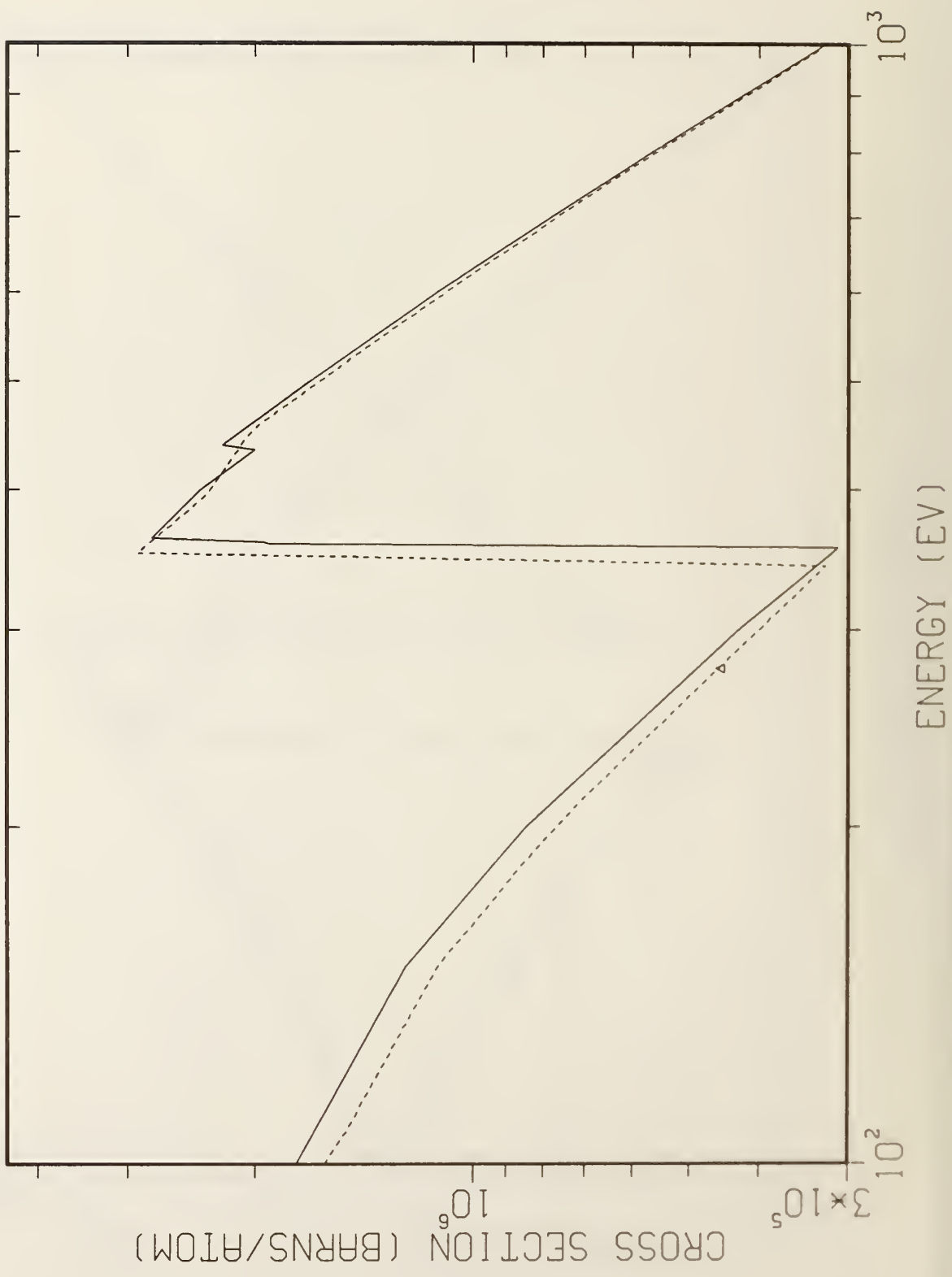
# ATOMIC NUMBER 18



ATOMIC NUMBER 19

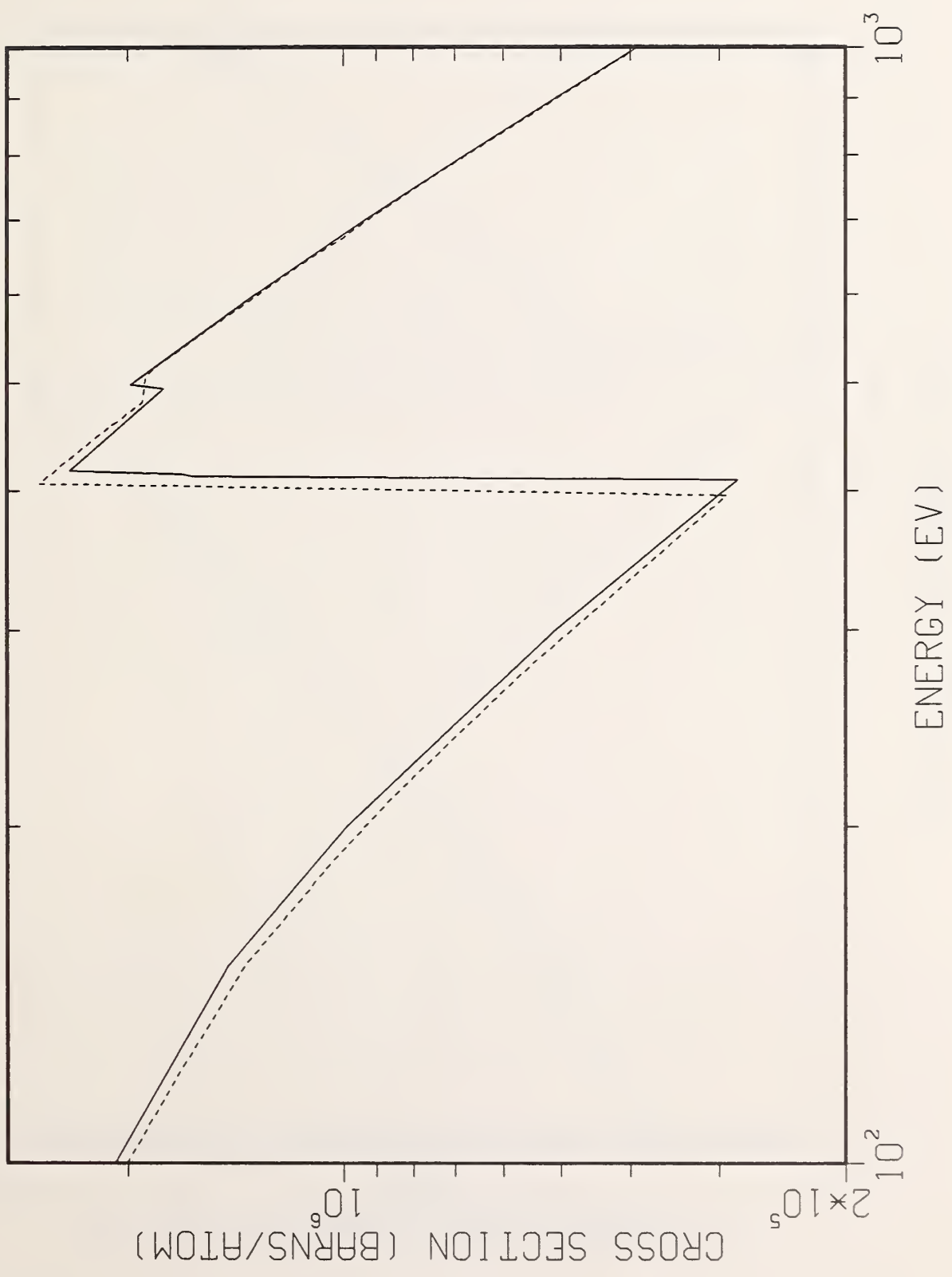


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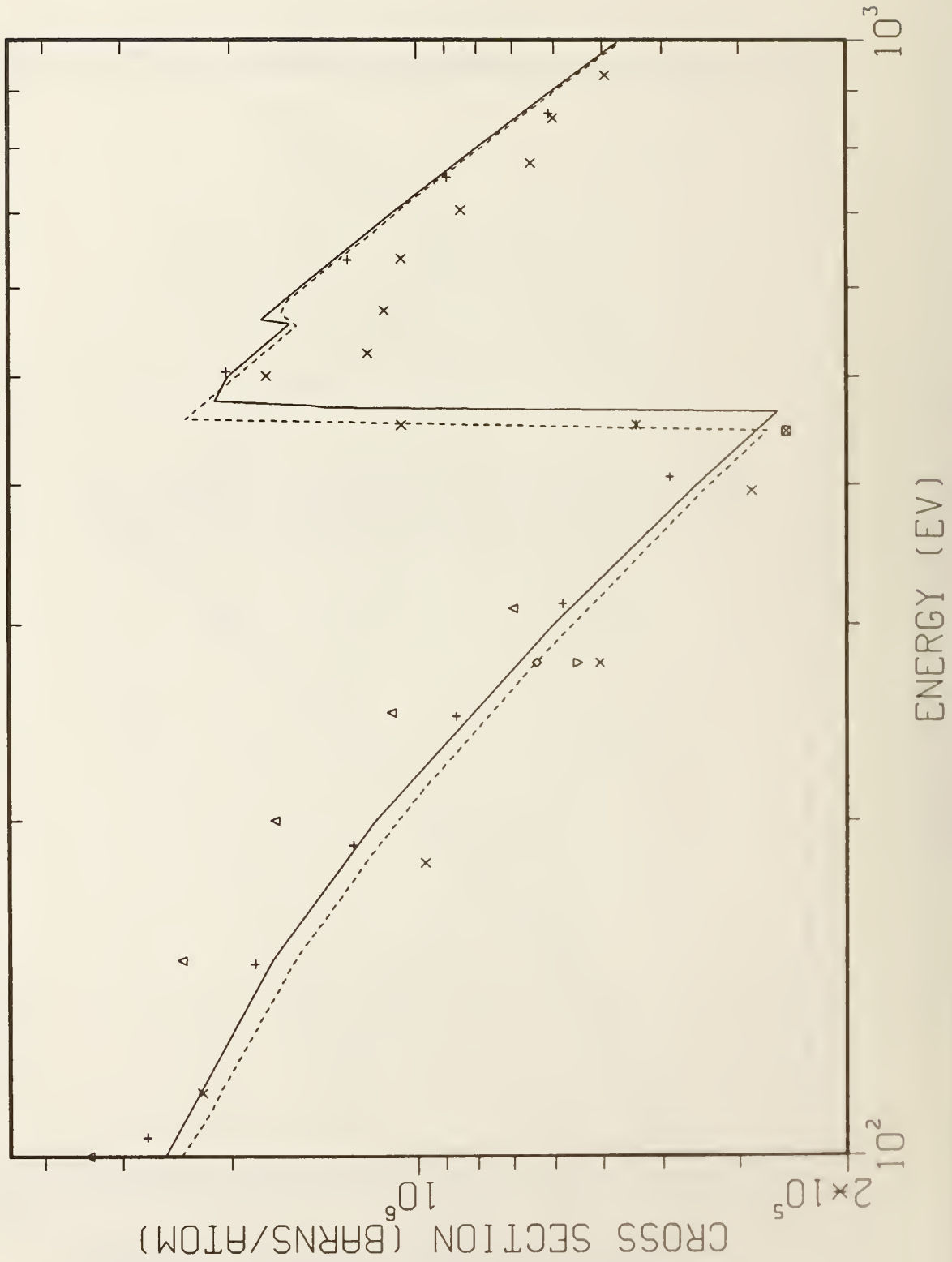




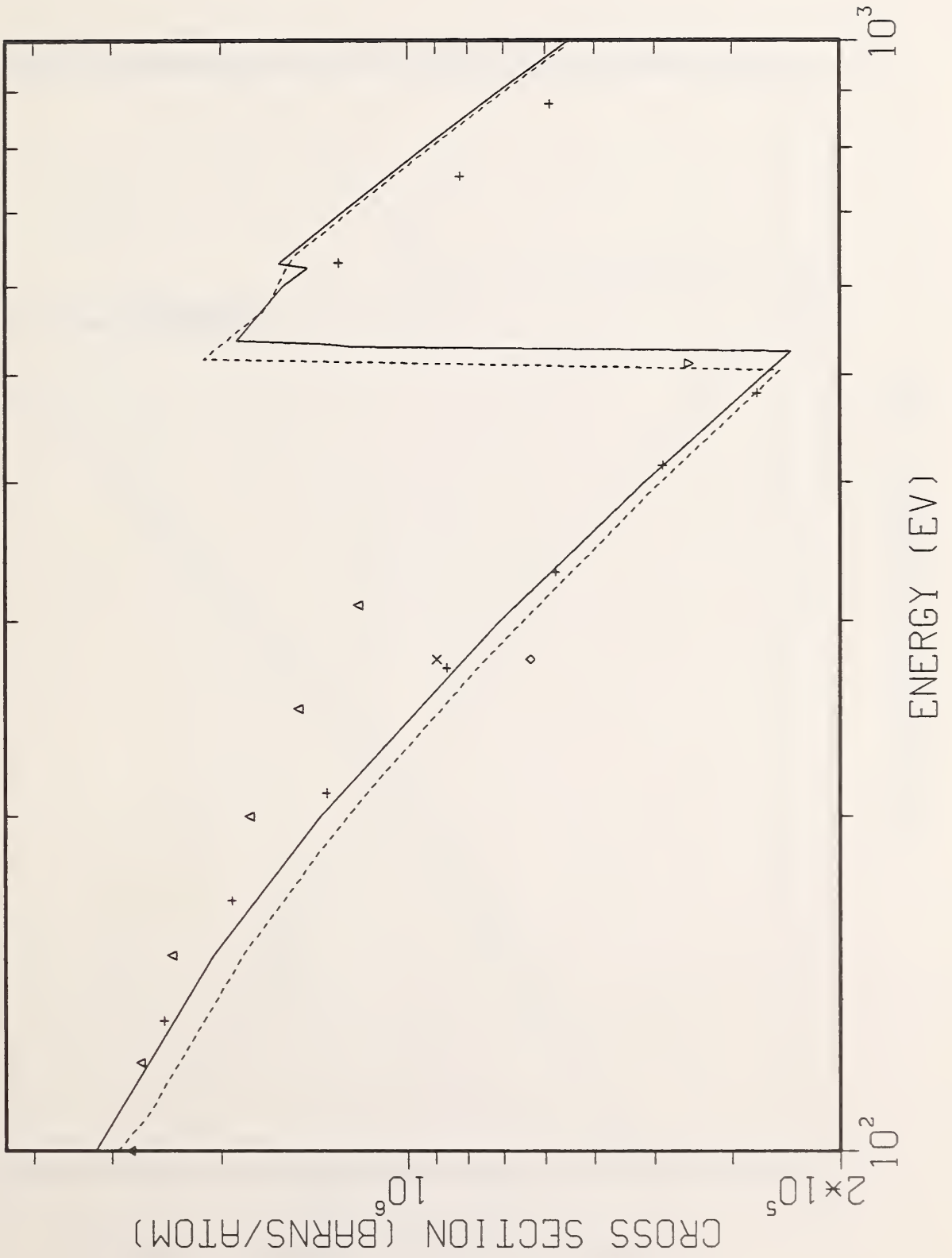
ATOMIC NUMBER 21



ATOMIC NUMBER 22



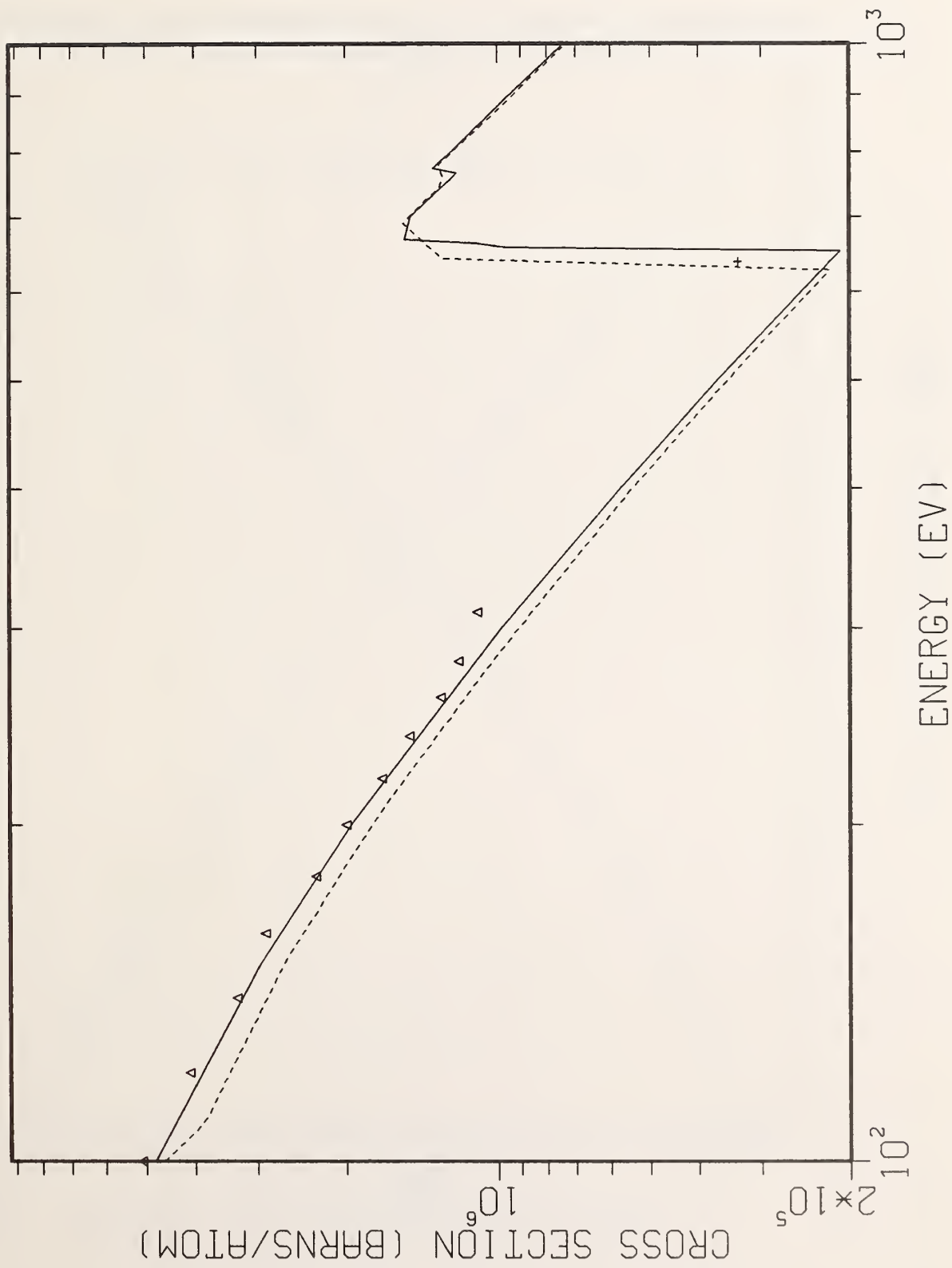
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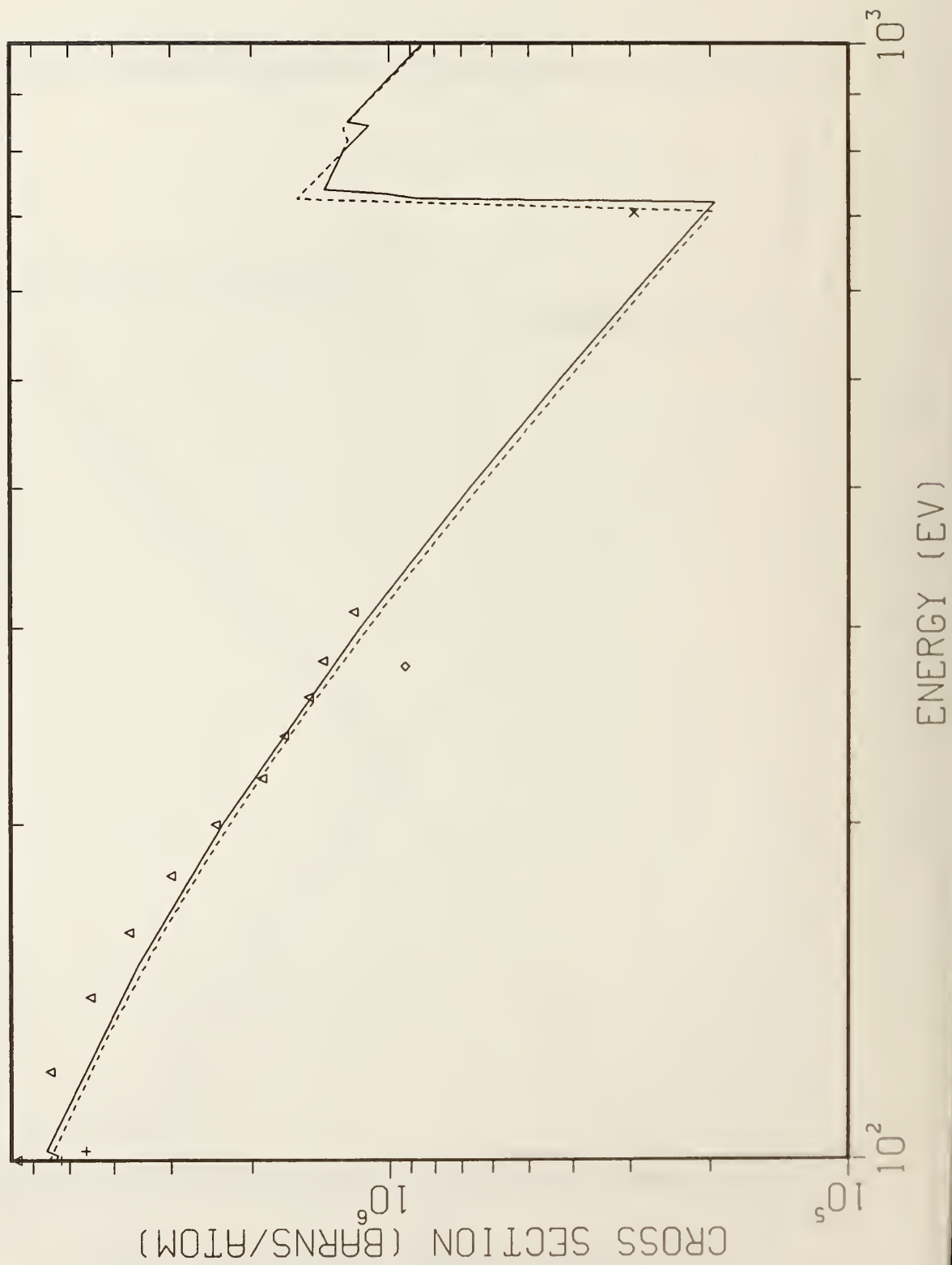
ATOMIC NUMBER 24



ATOMIC NUMBER 25

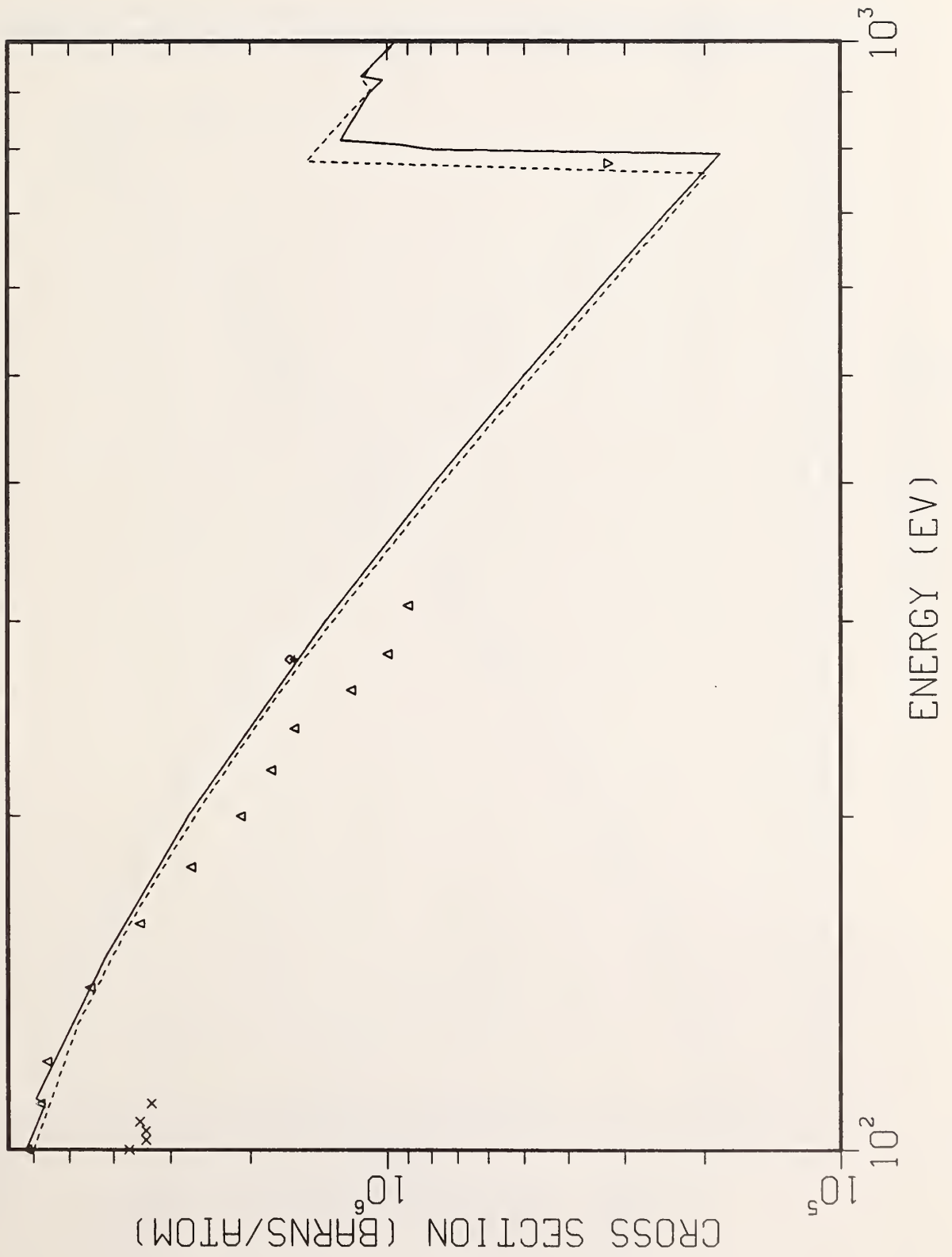


ATOMIC NUMBER 26

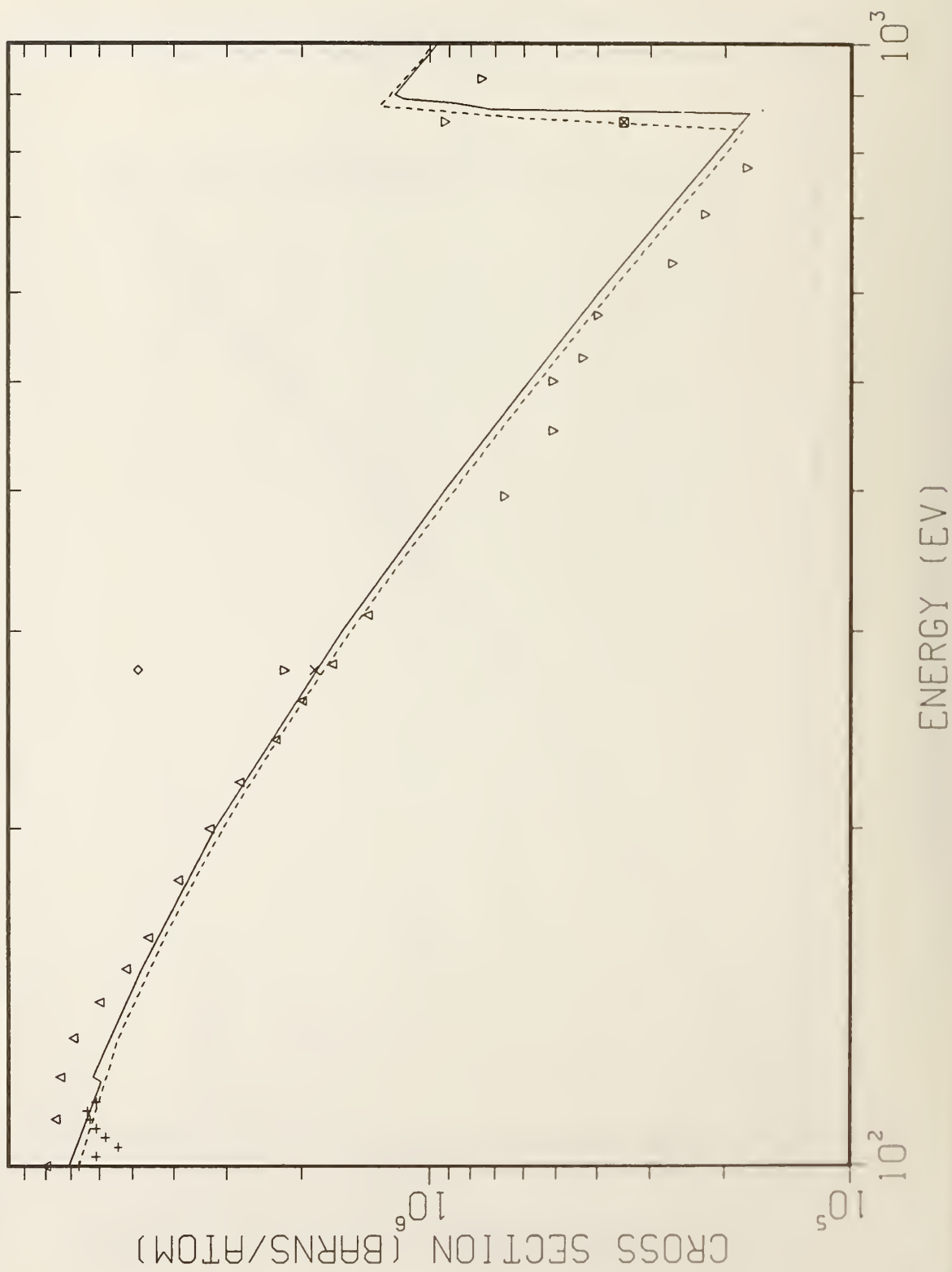




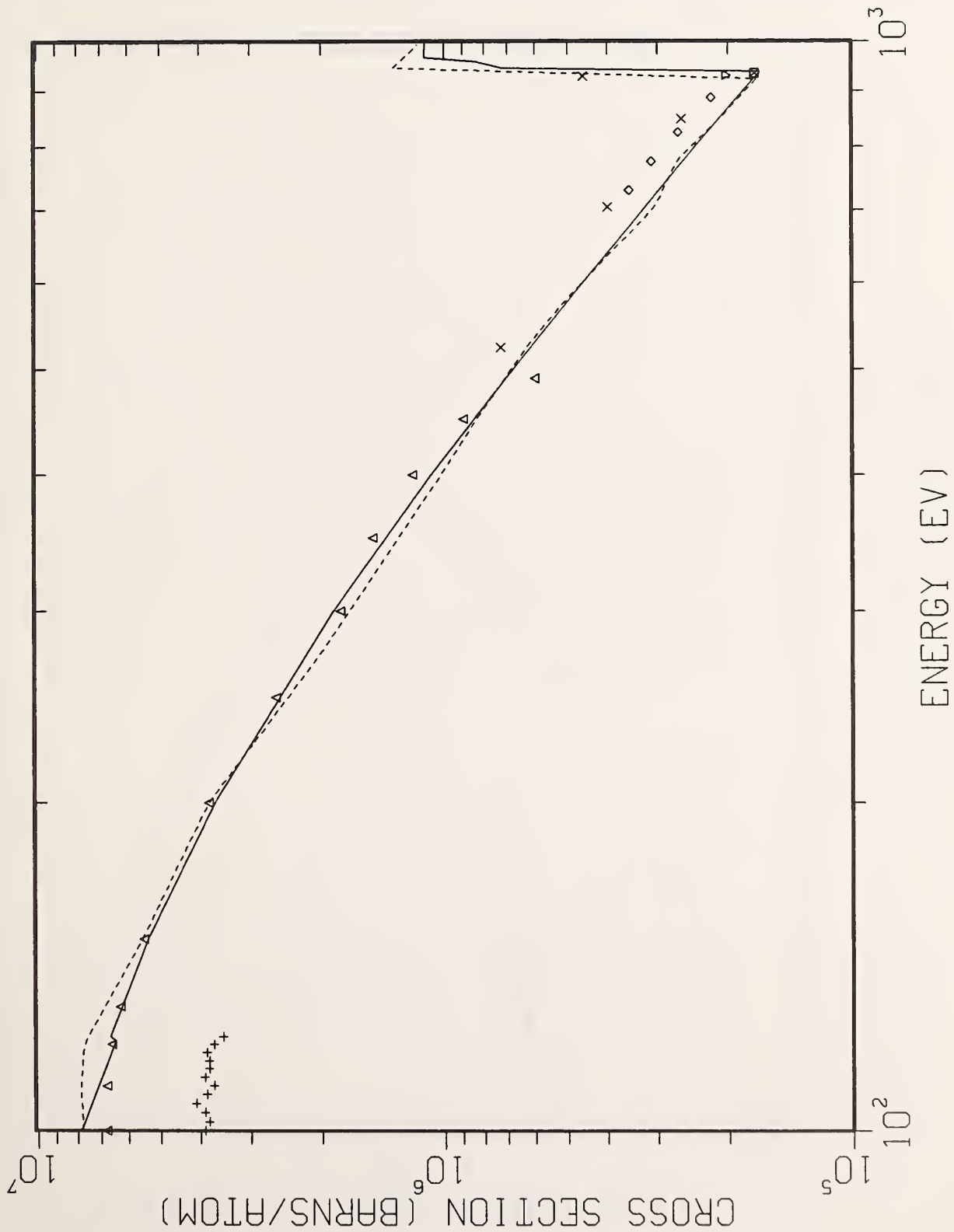
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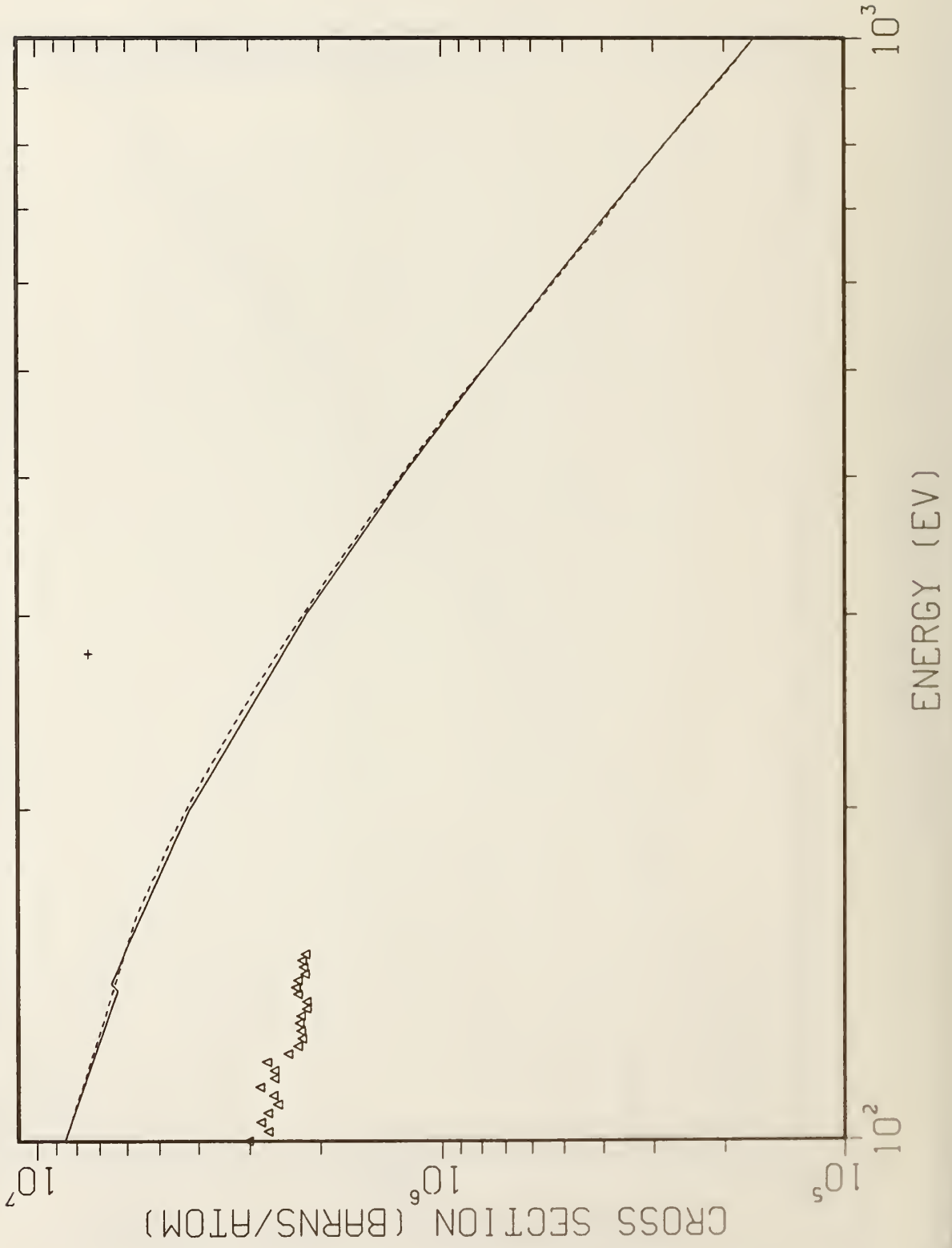
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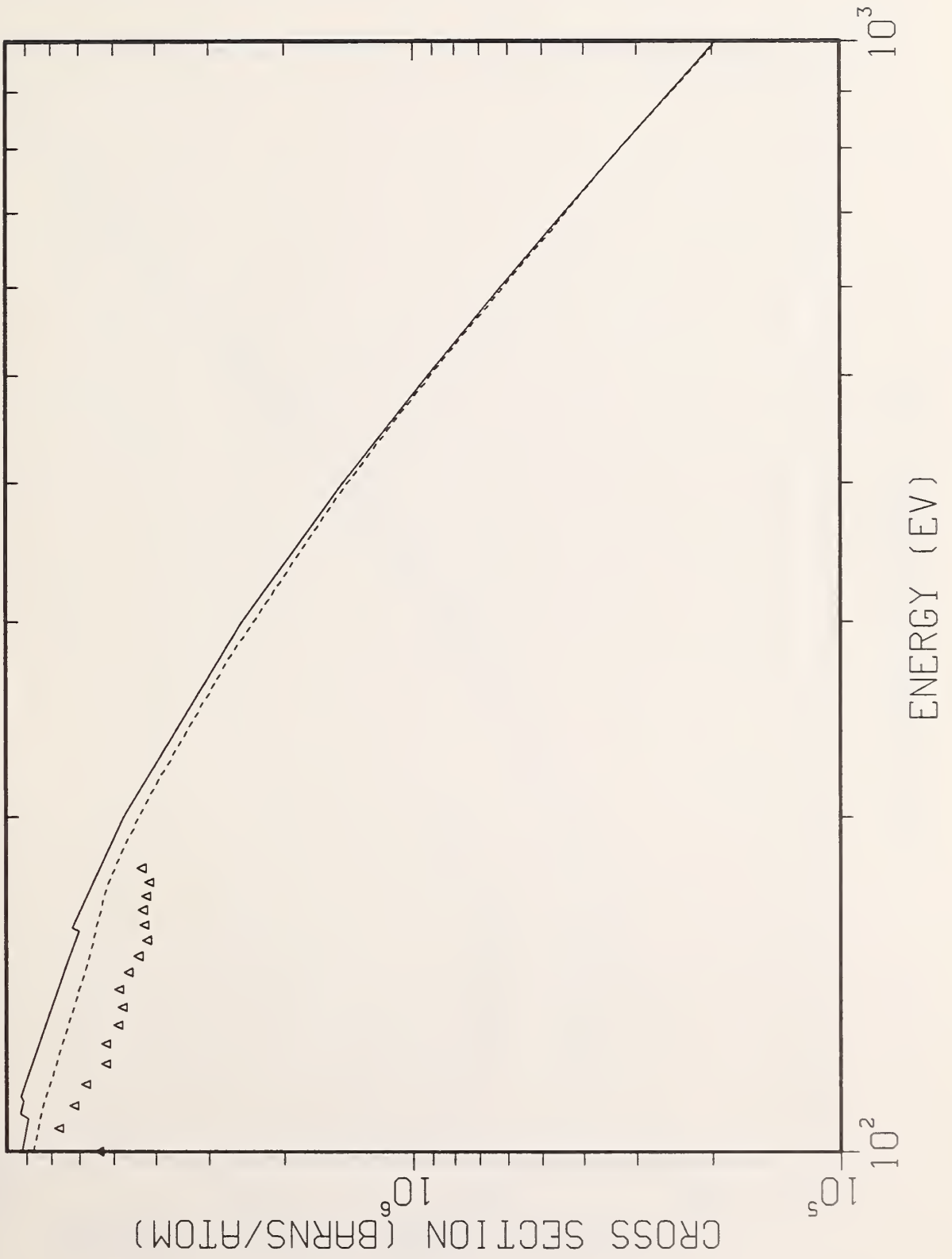
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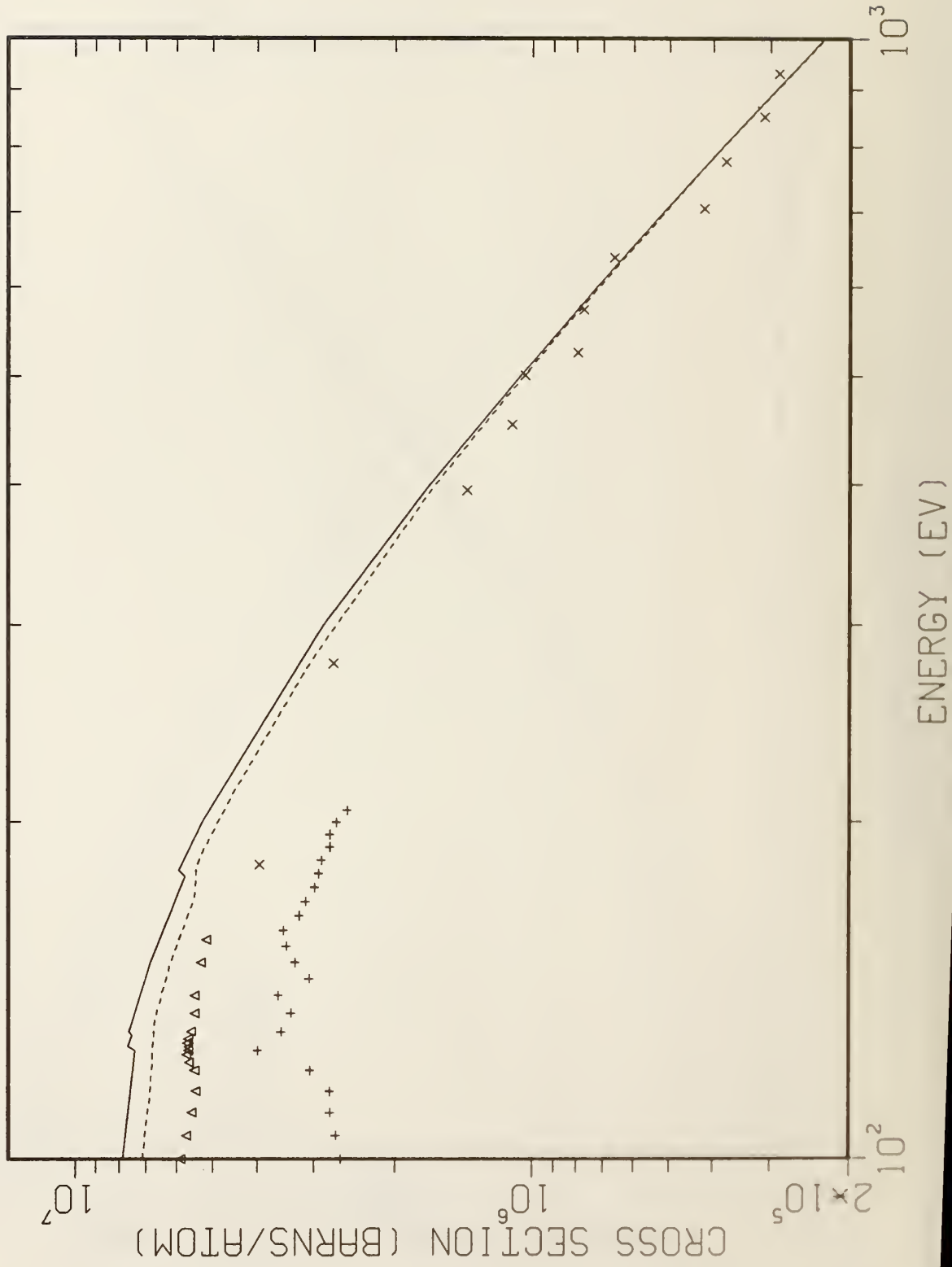
ATOMIC NUMBER 30



ATOMIC NUMBER 31

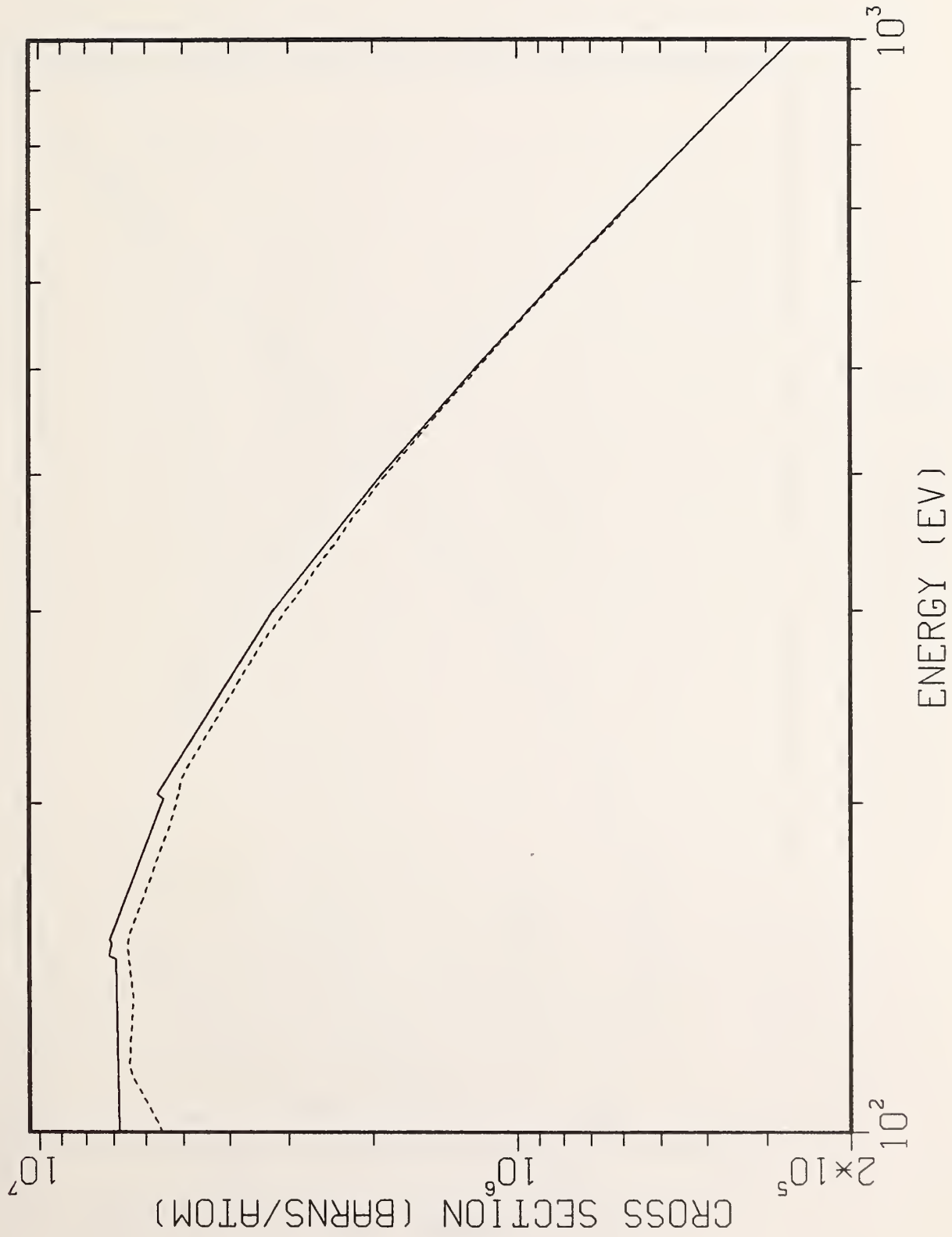


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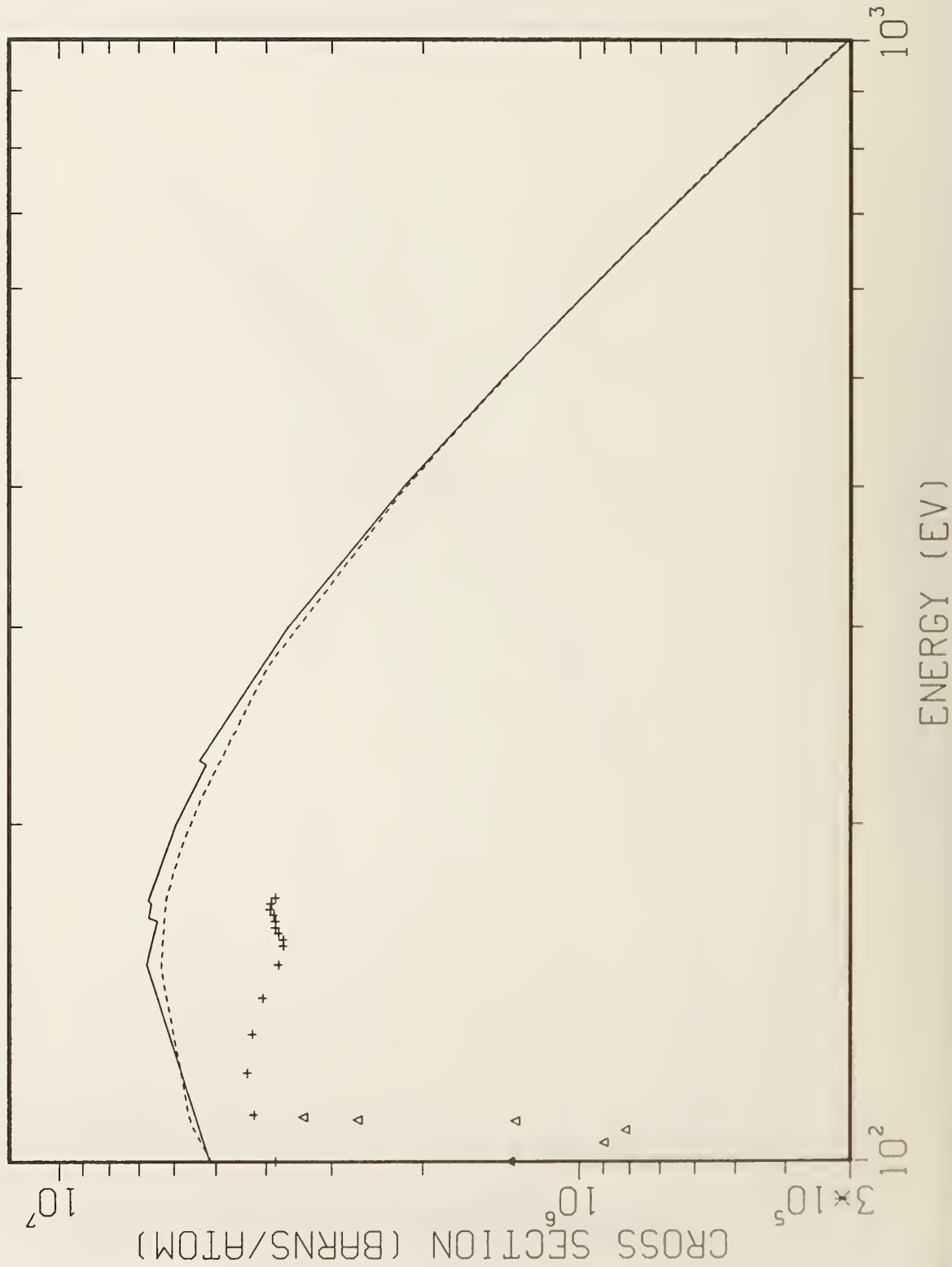




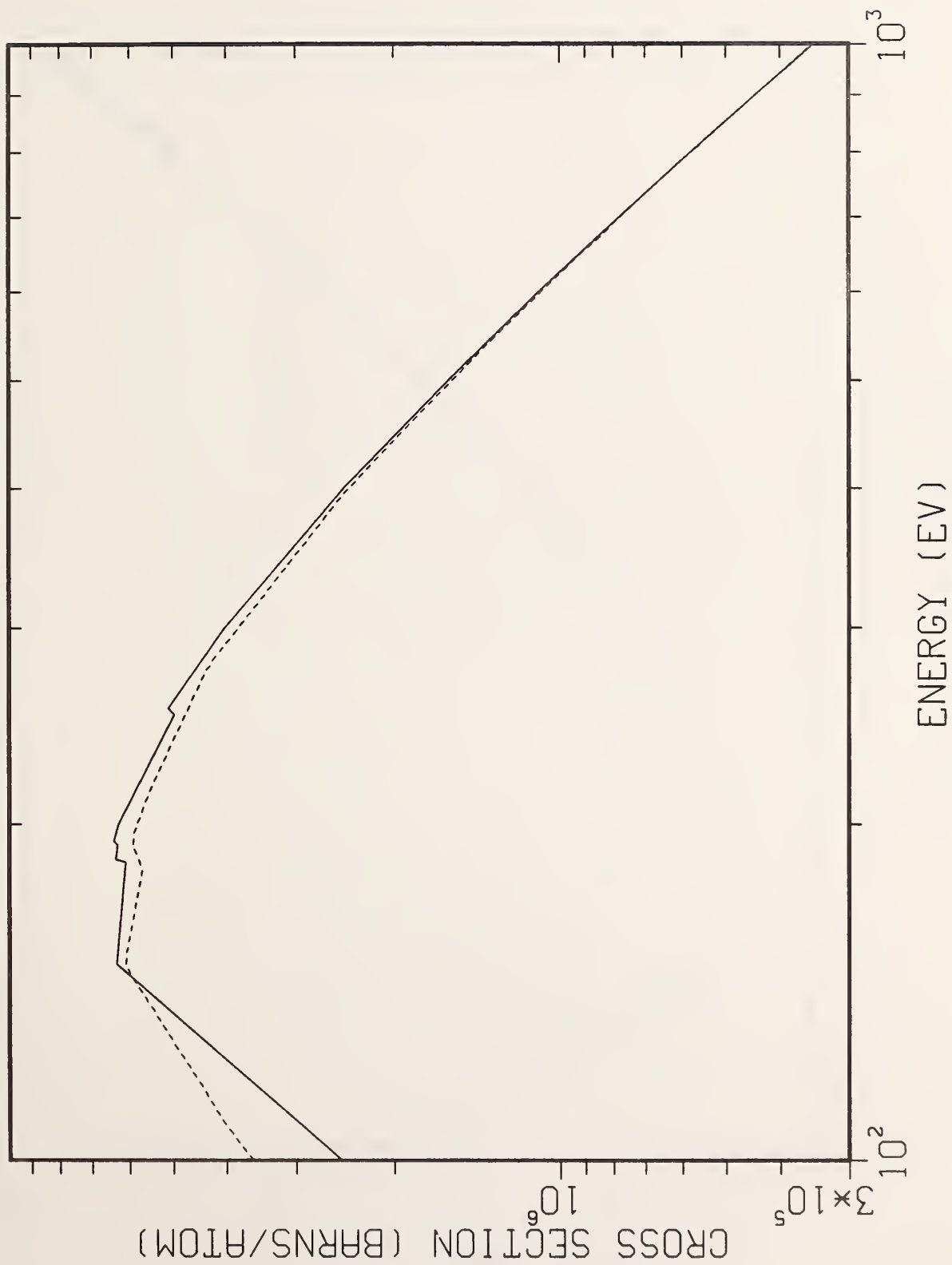
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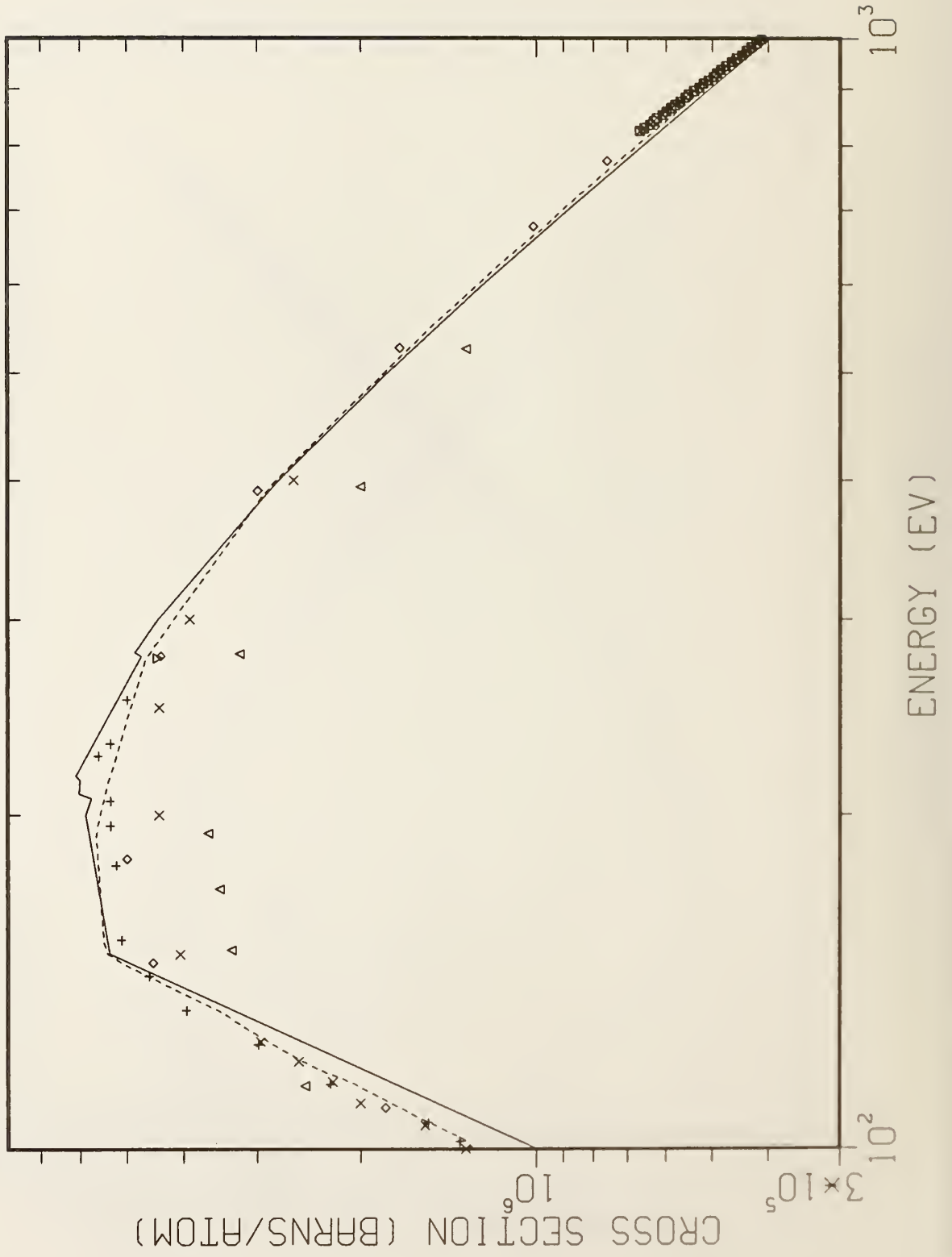
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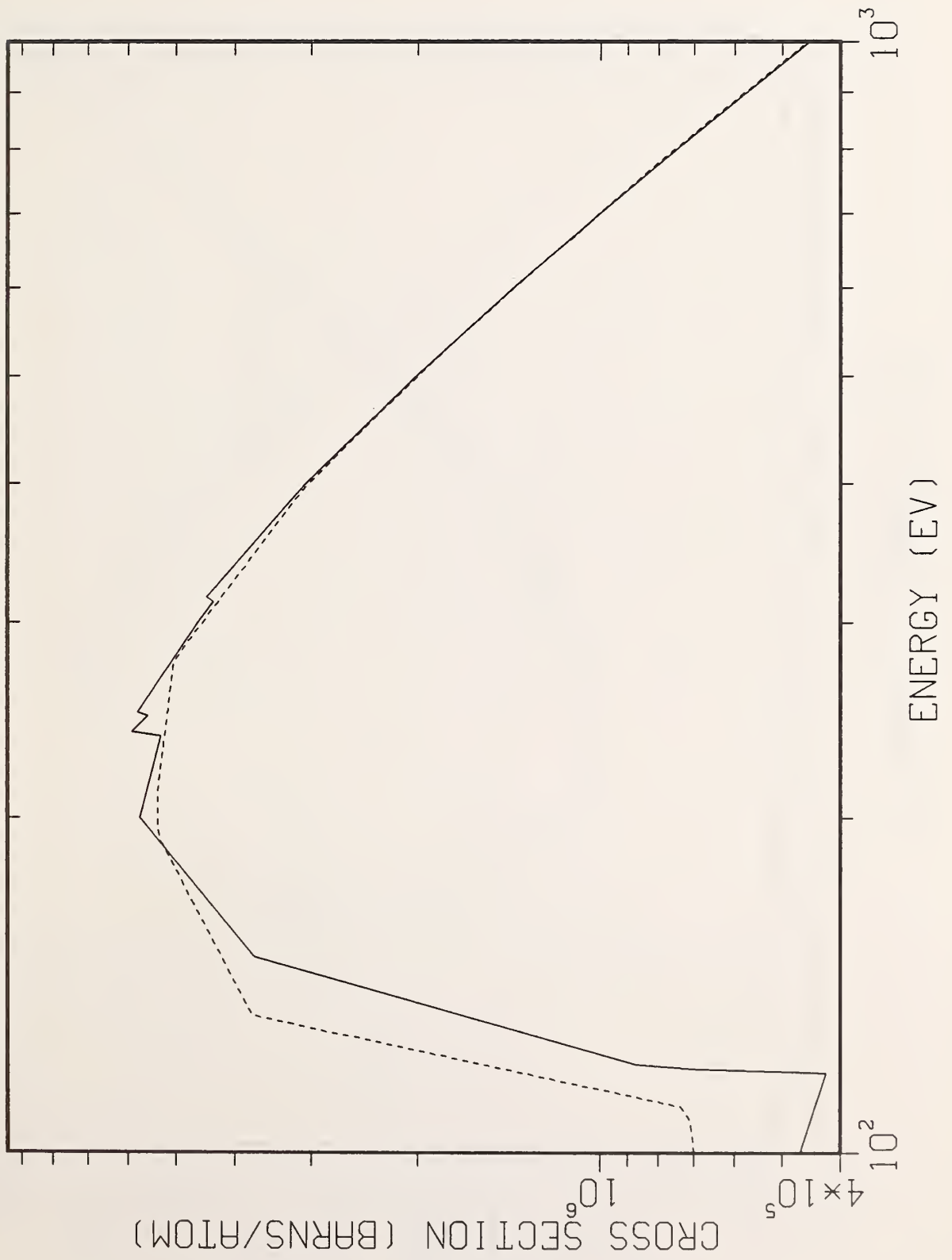
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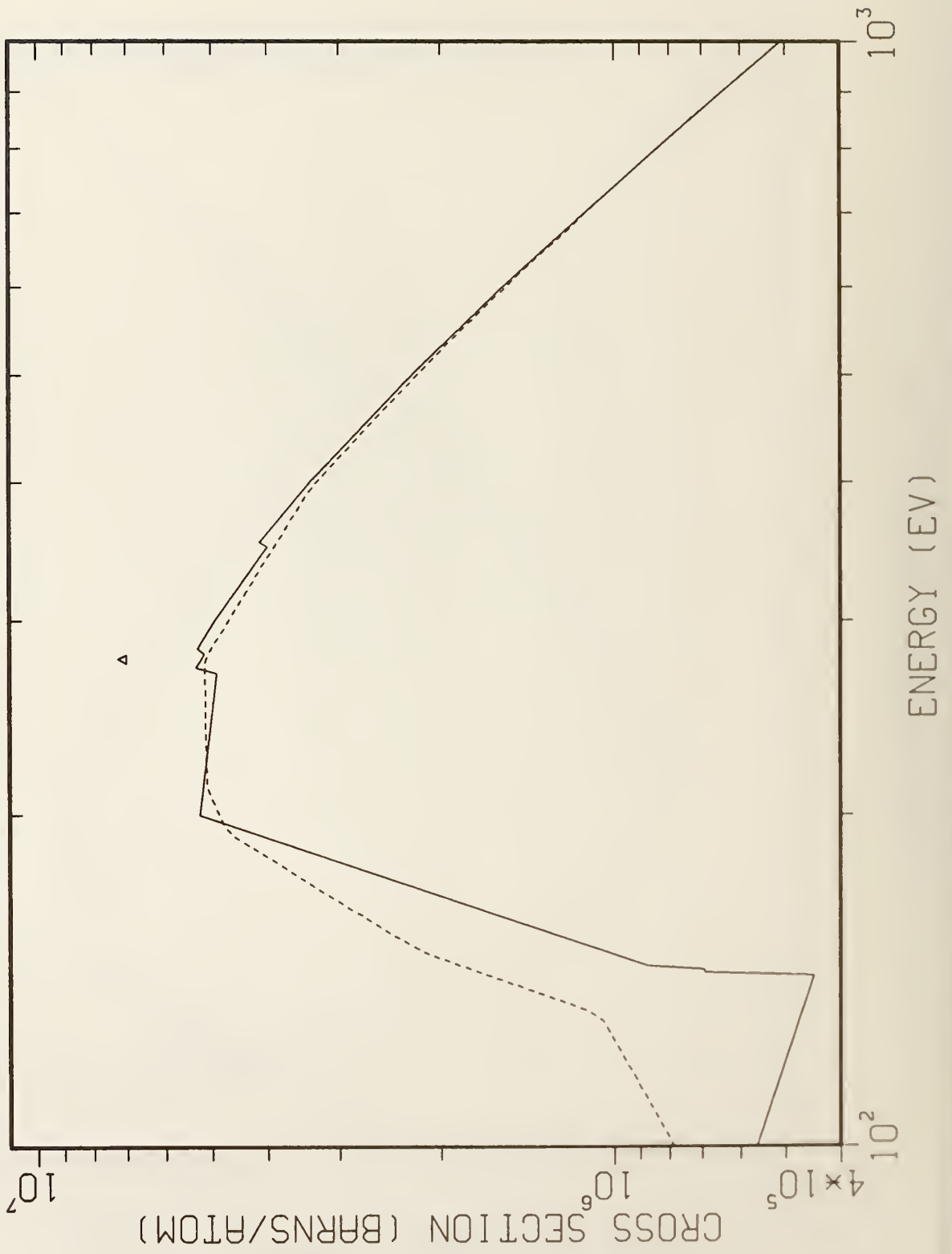
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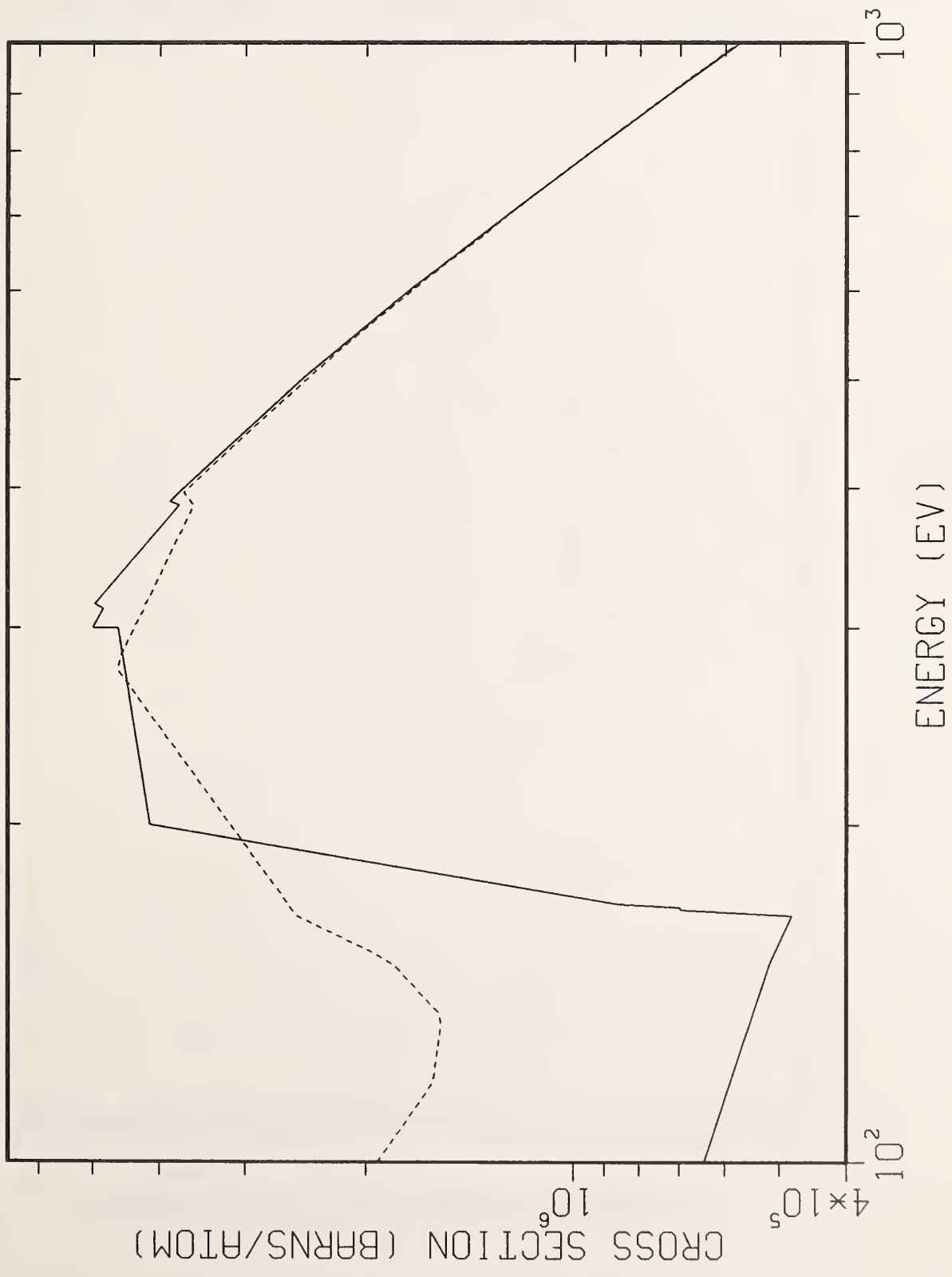


ATOMIC NUMBER 37



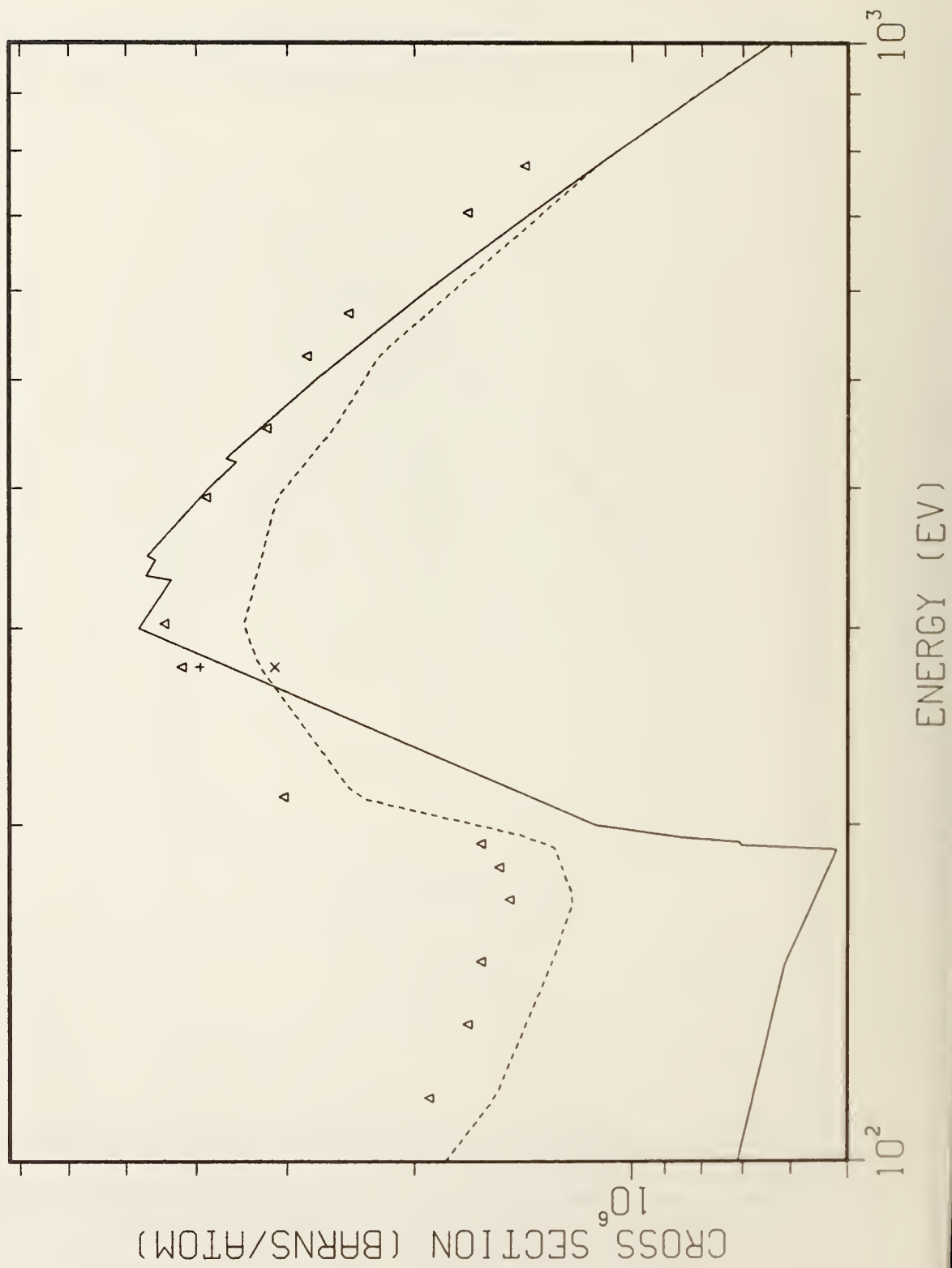
ATOMIC NUMBER 38



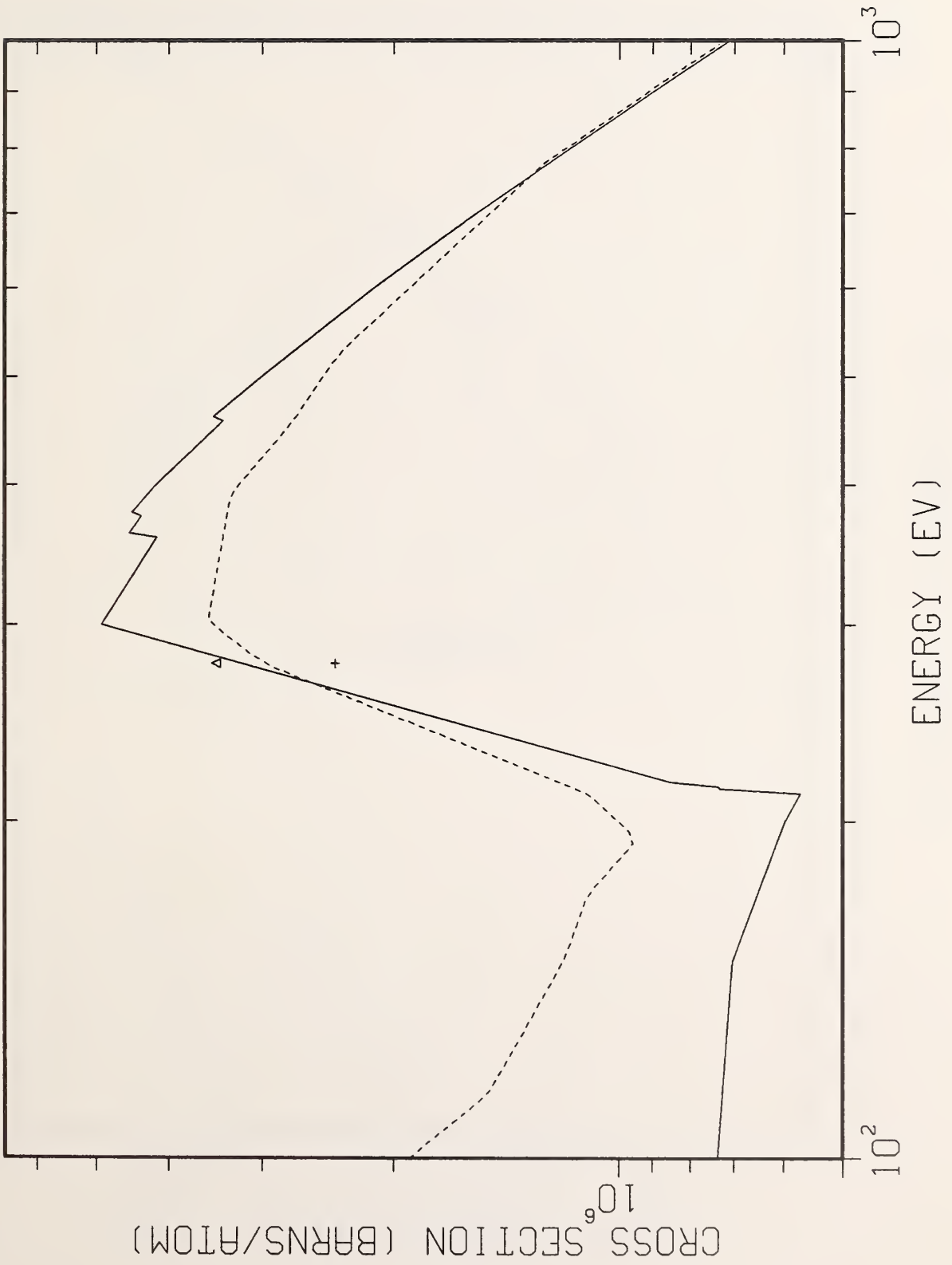




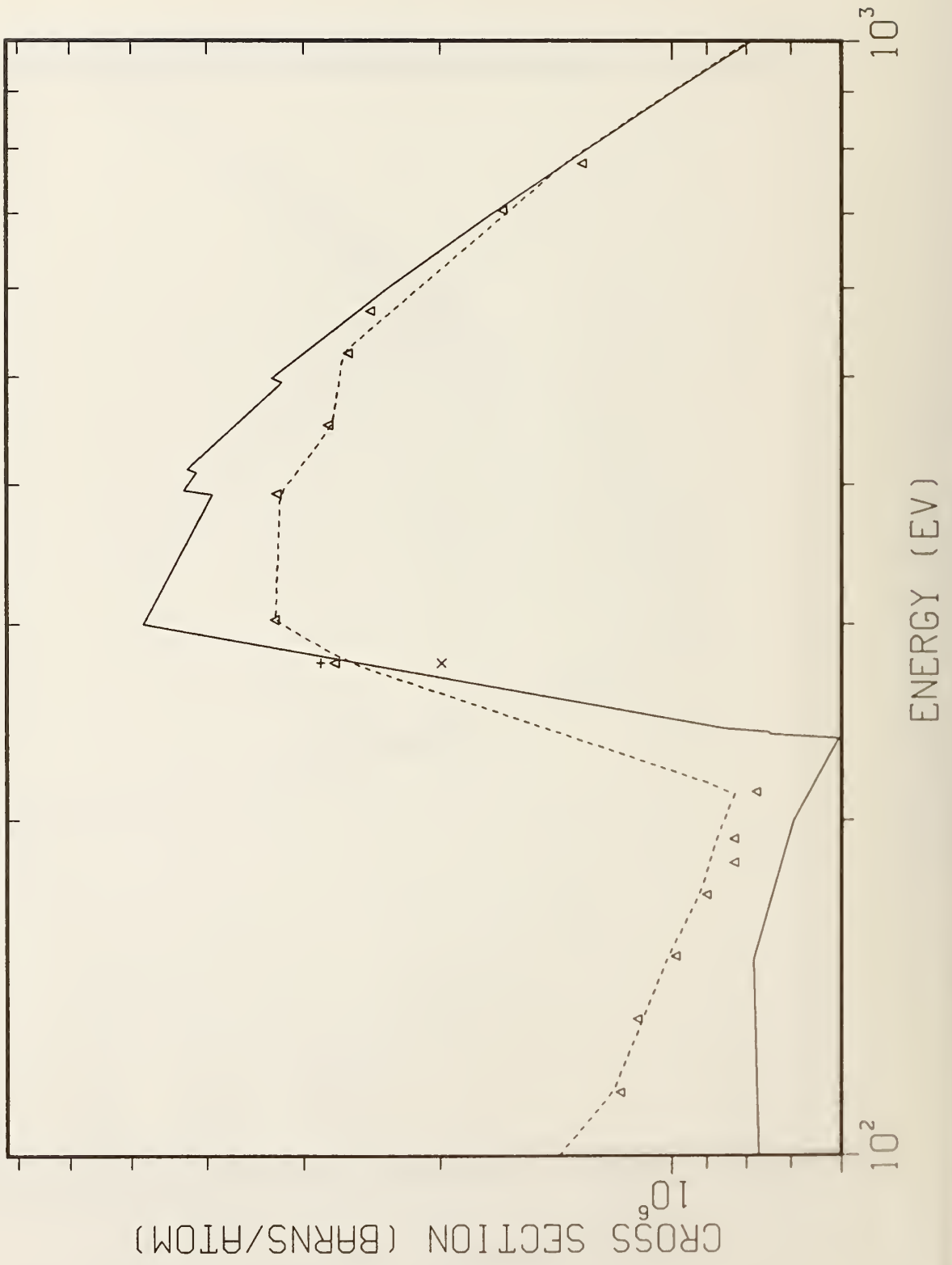
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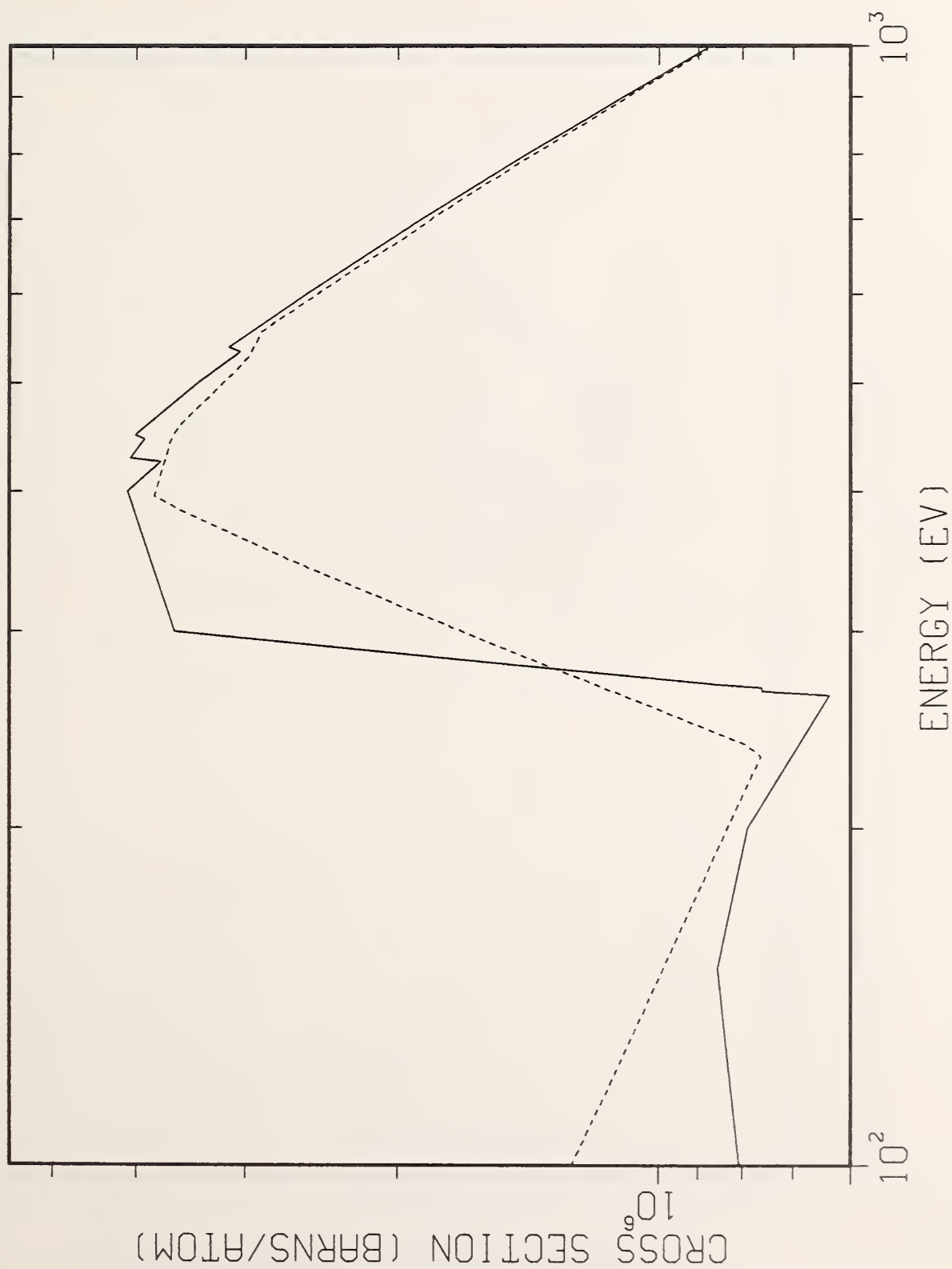
ATOMIC NUMBER 41



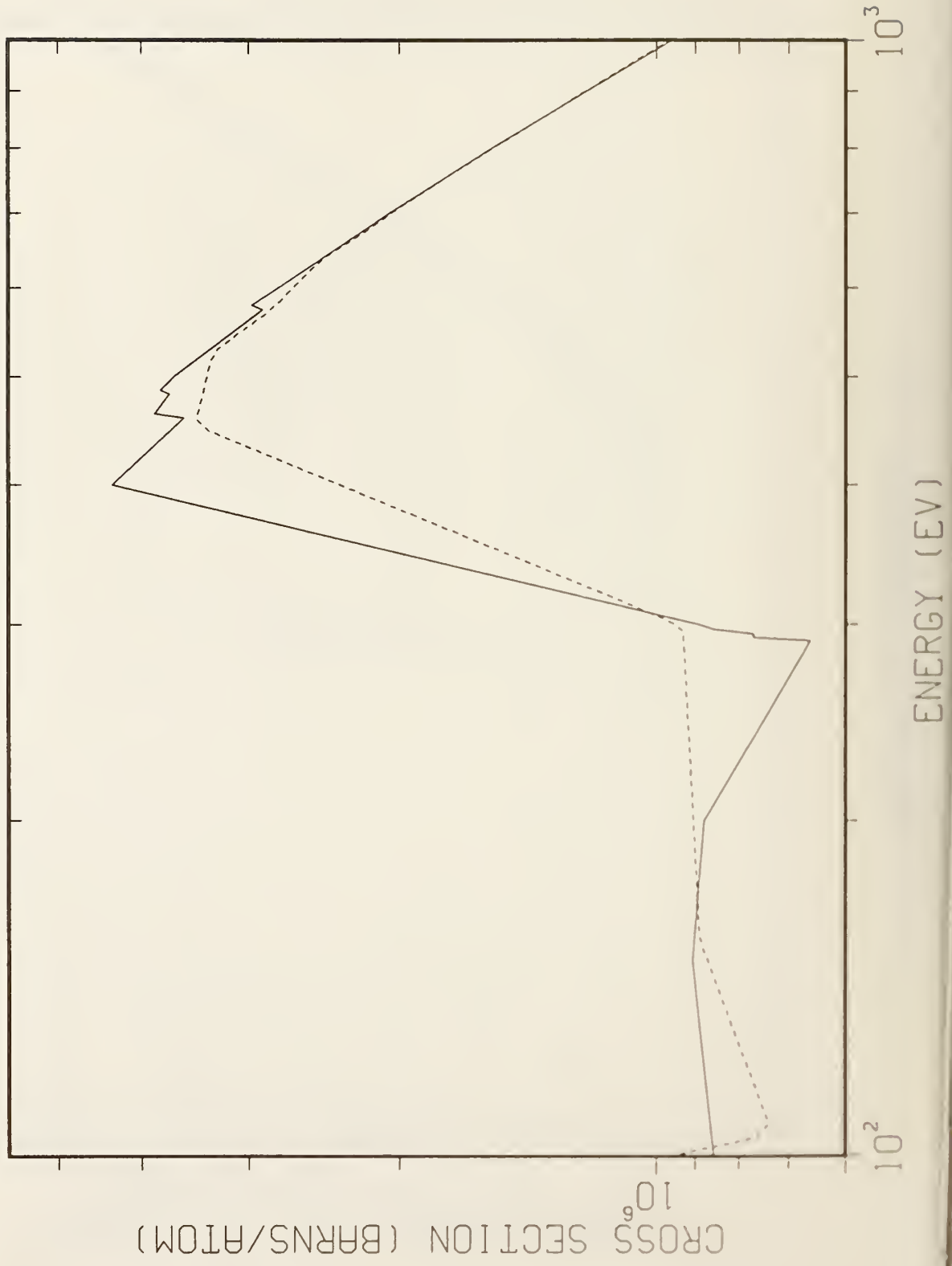
ATOMIC NUMBER 42



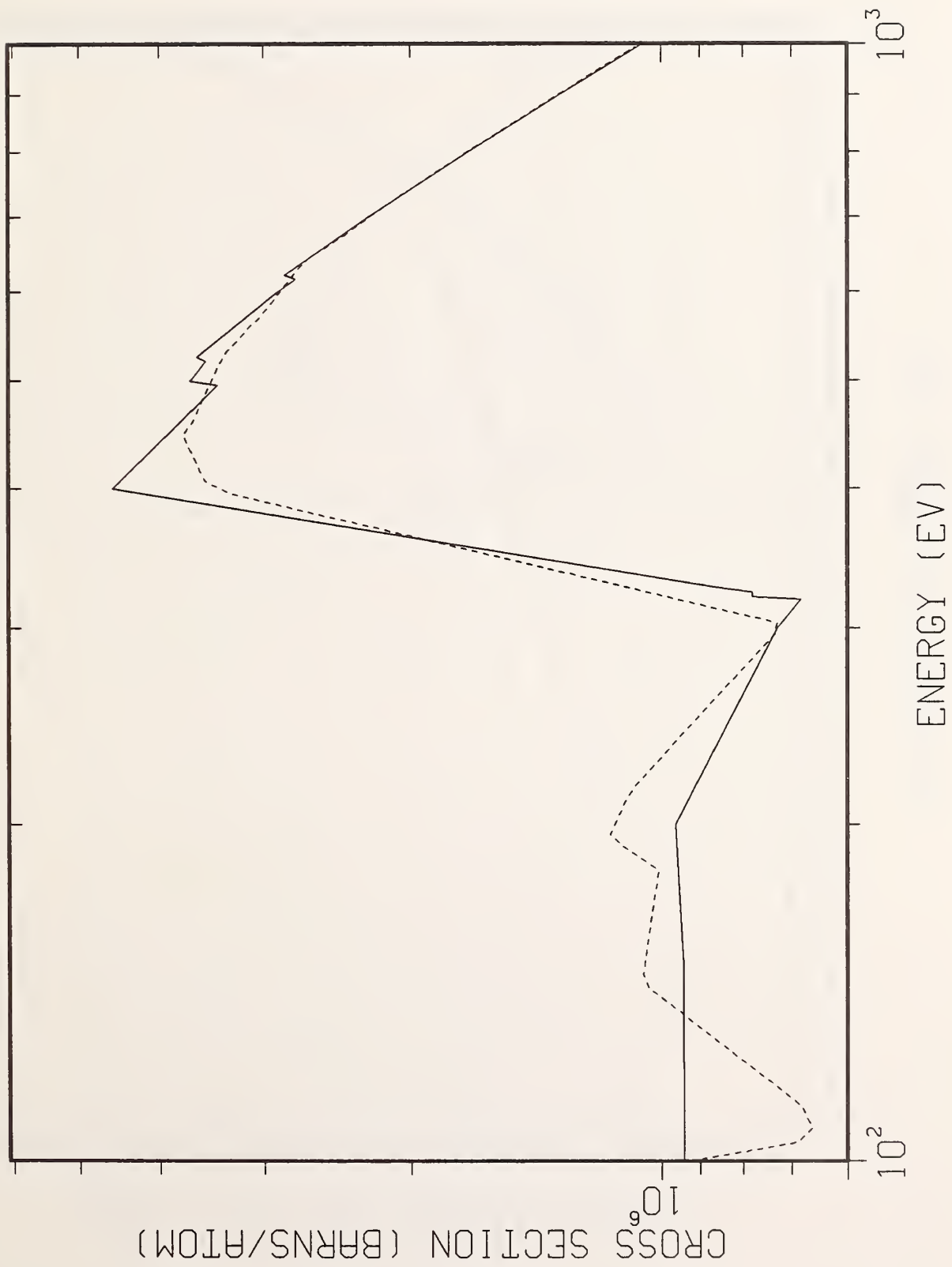
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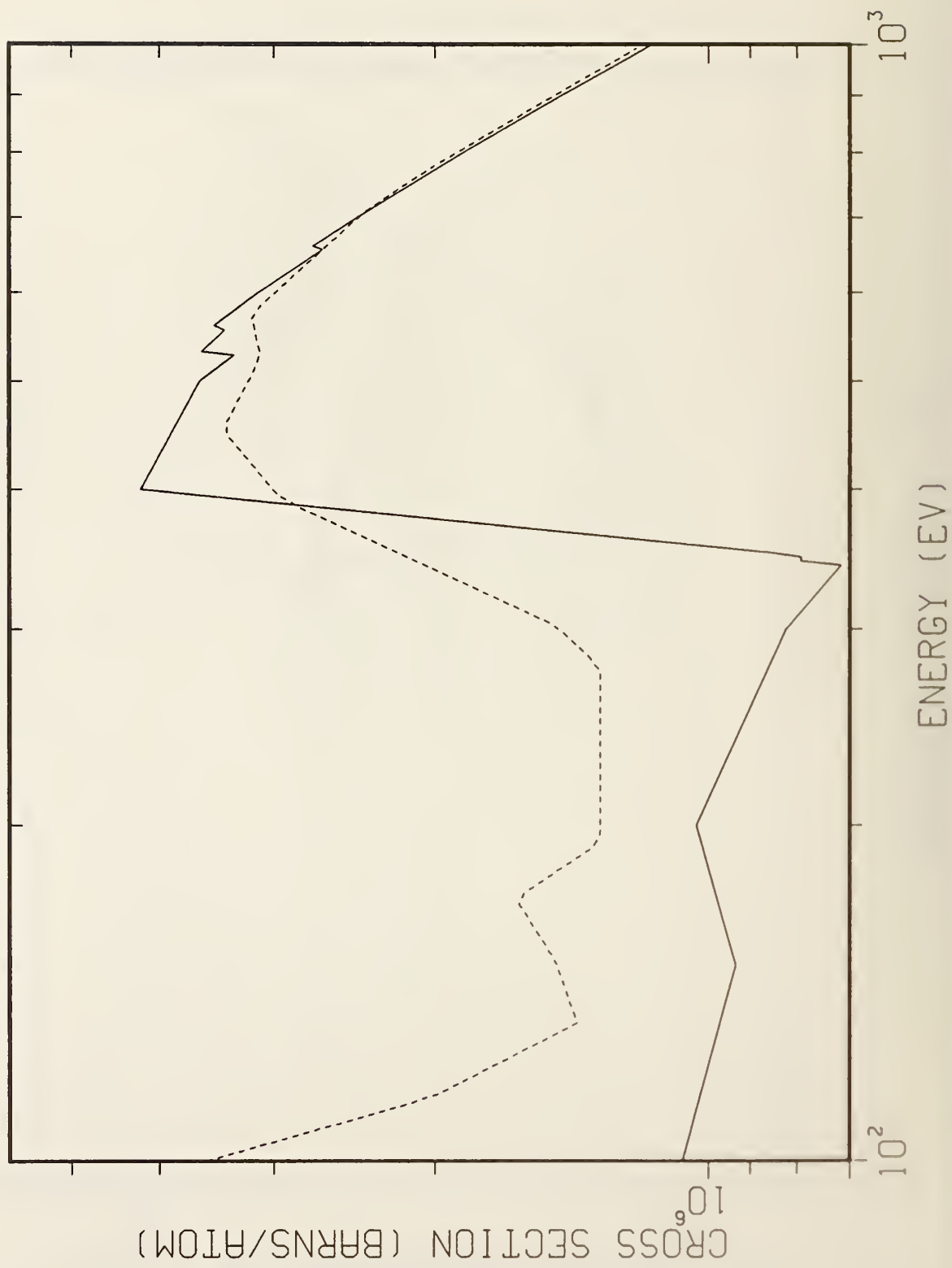
ATOMIC NUMBER 44



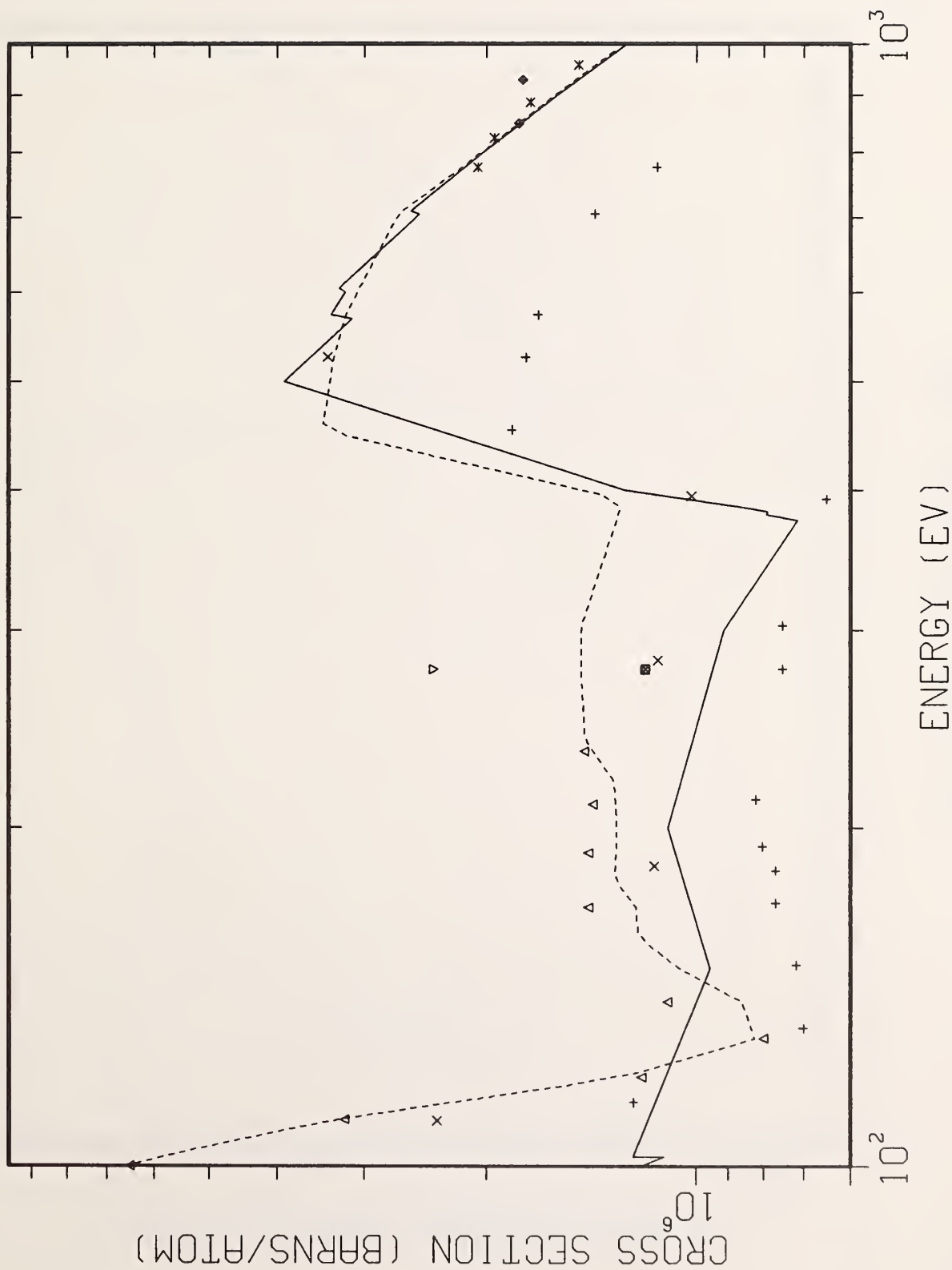
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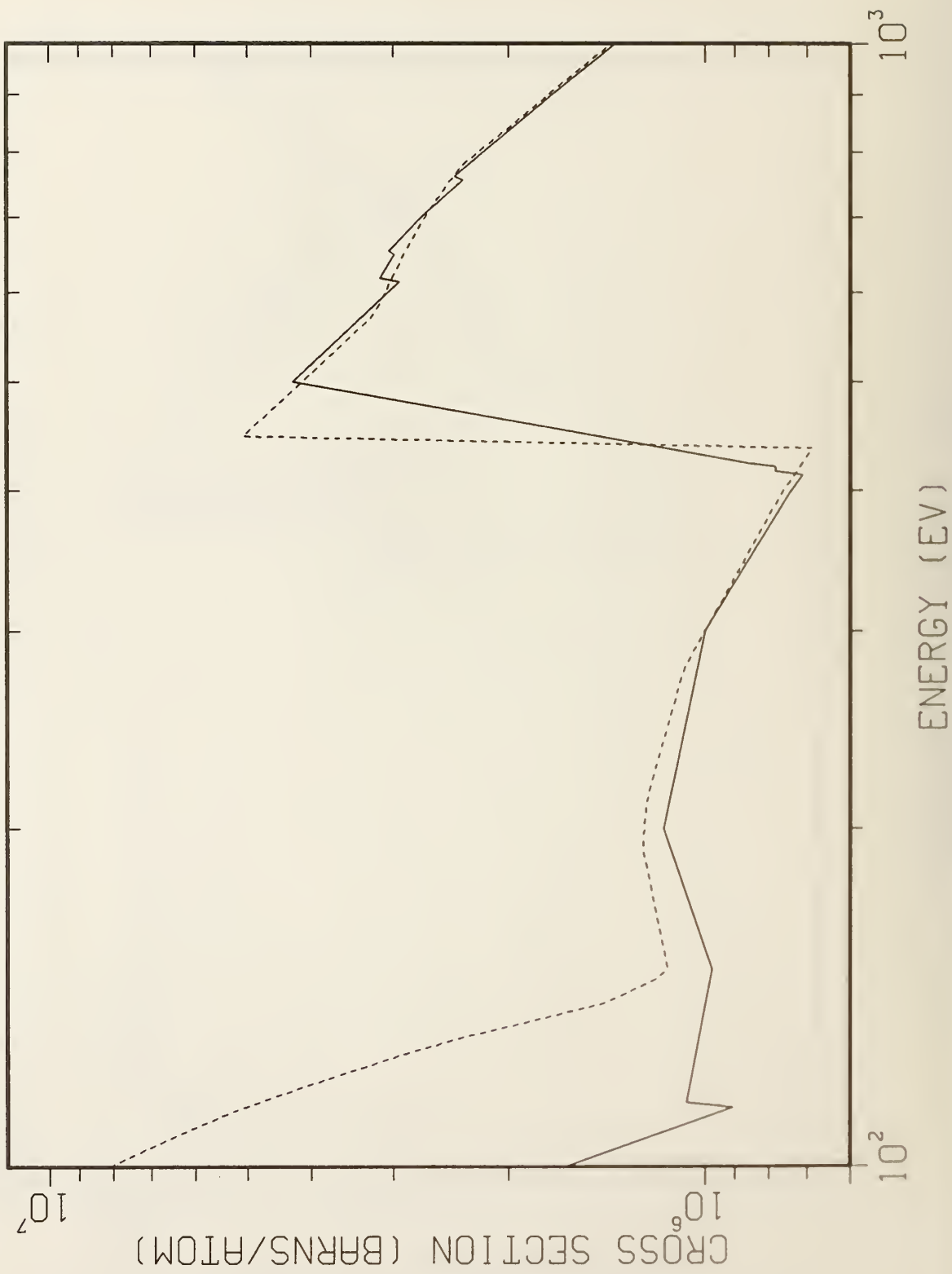
ATOMIC NUMBER 46

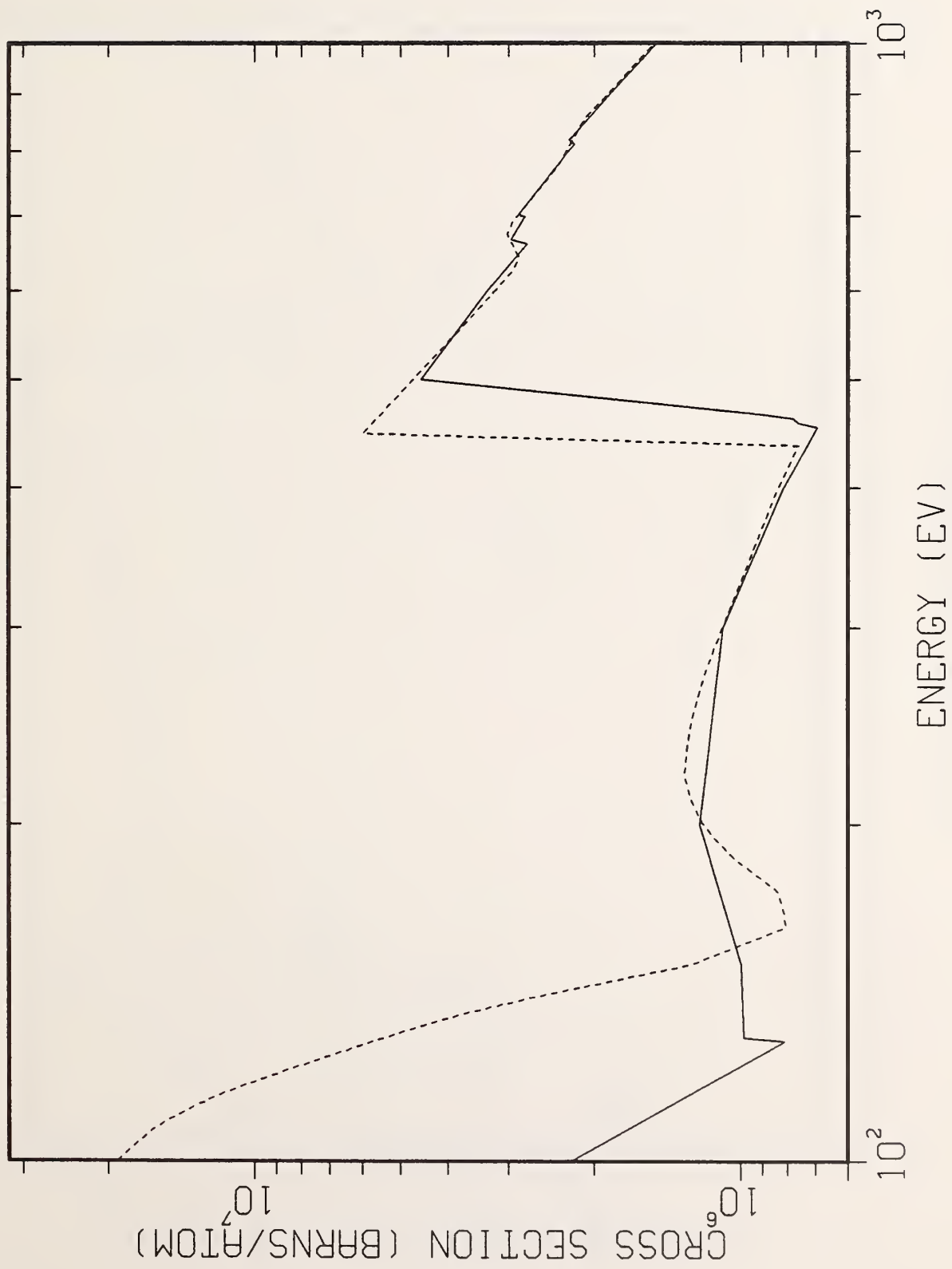




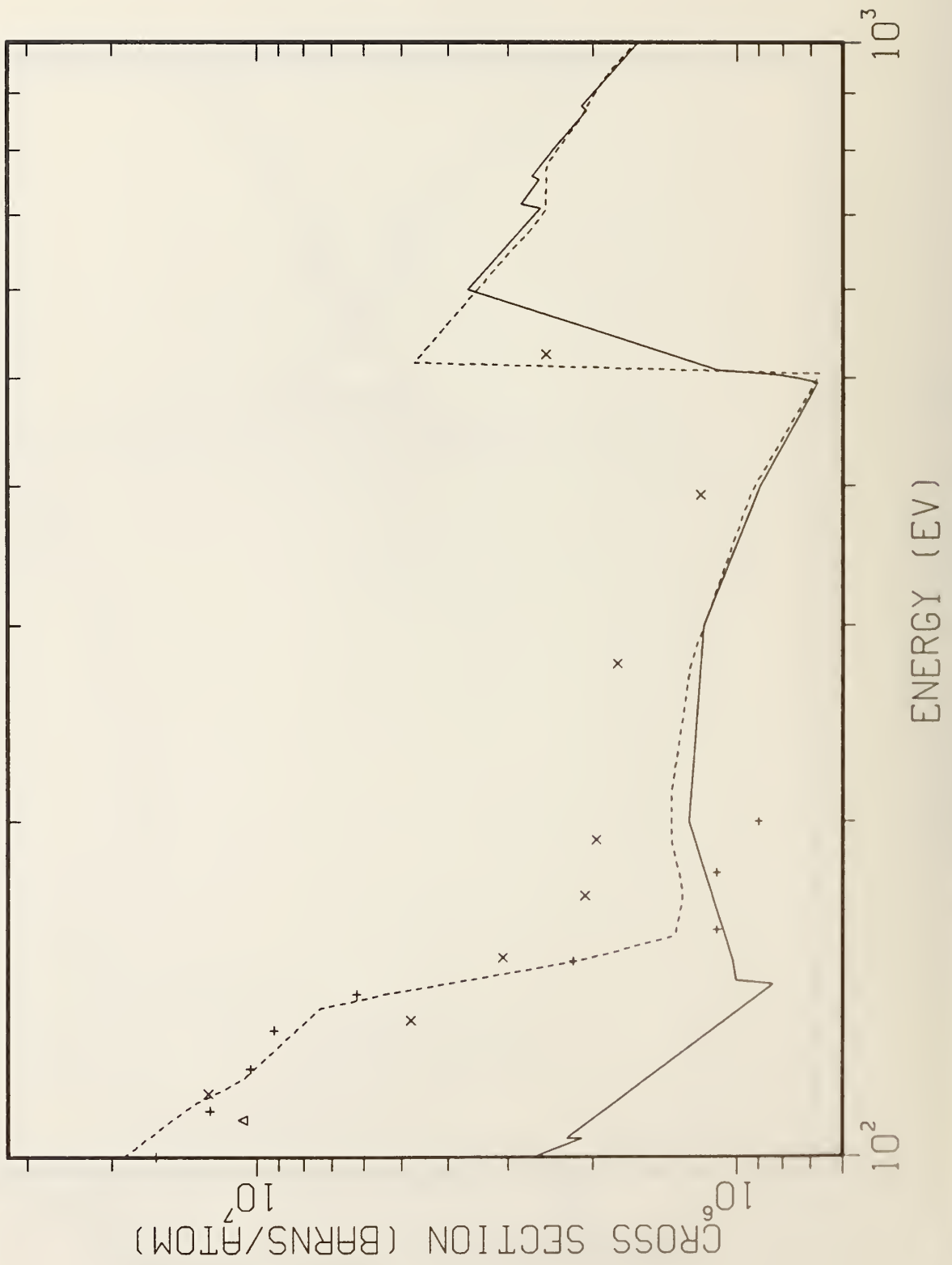


ATOMIC NUMBER 48

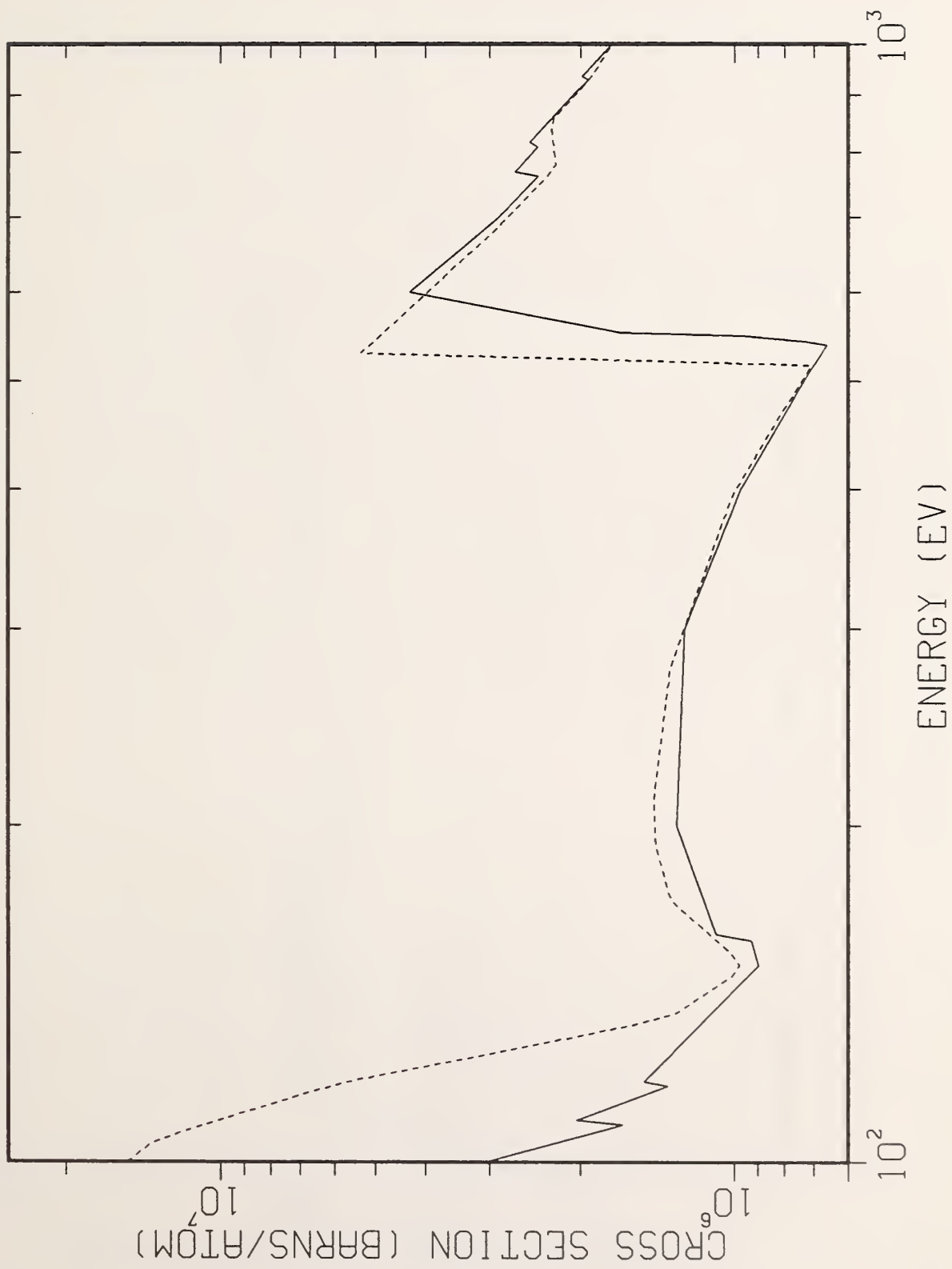




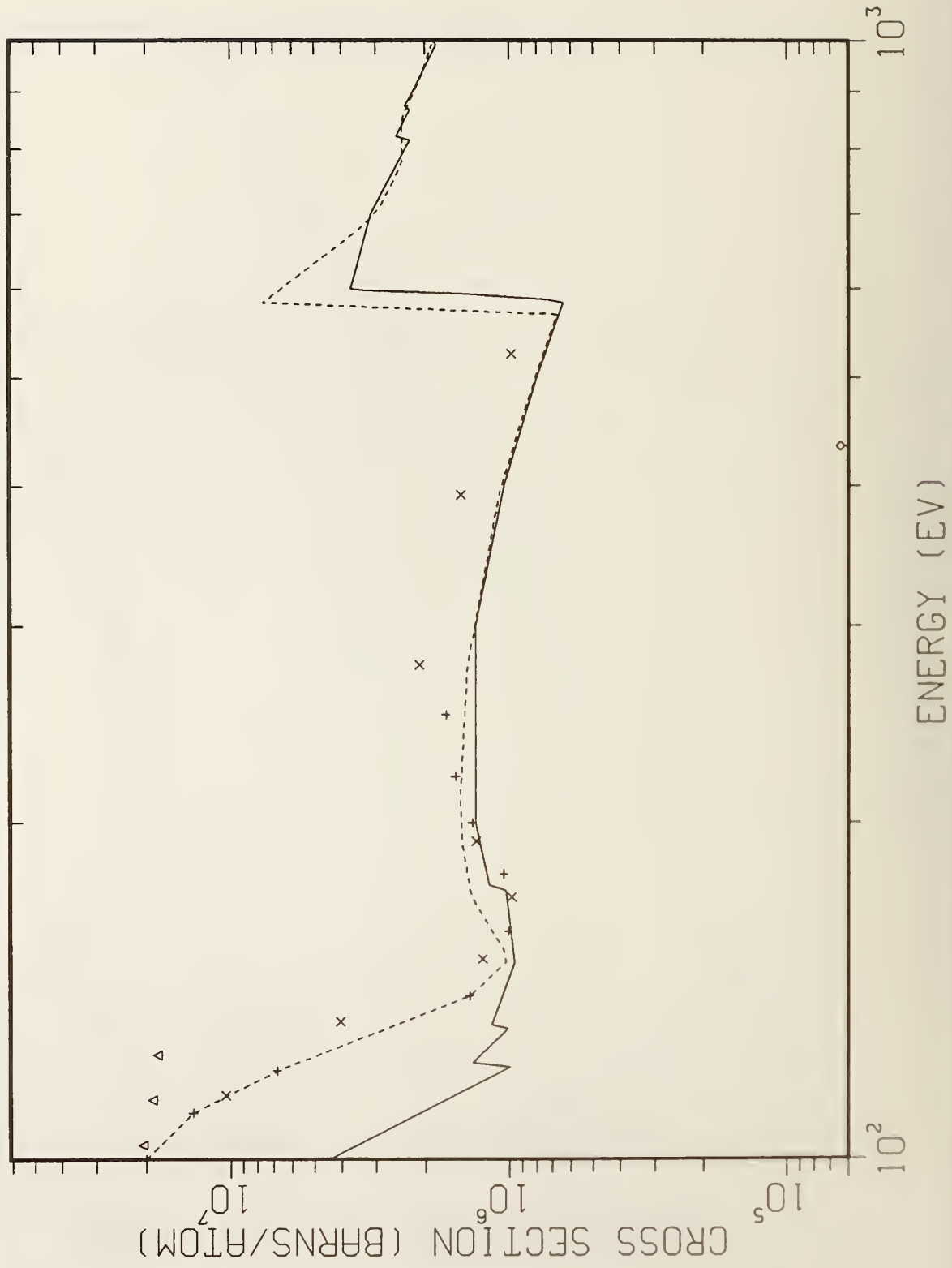
# ATOMIC NUMBER 50



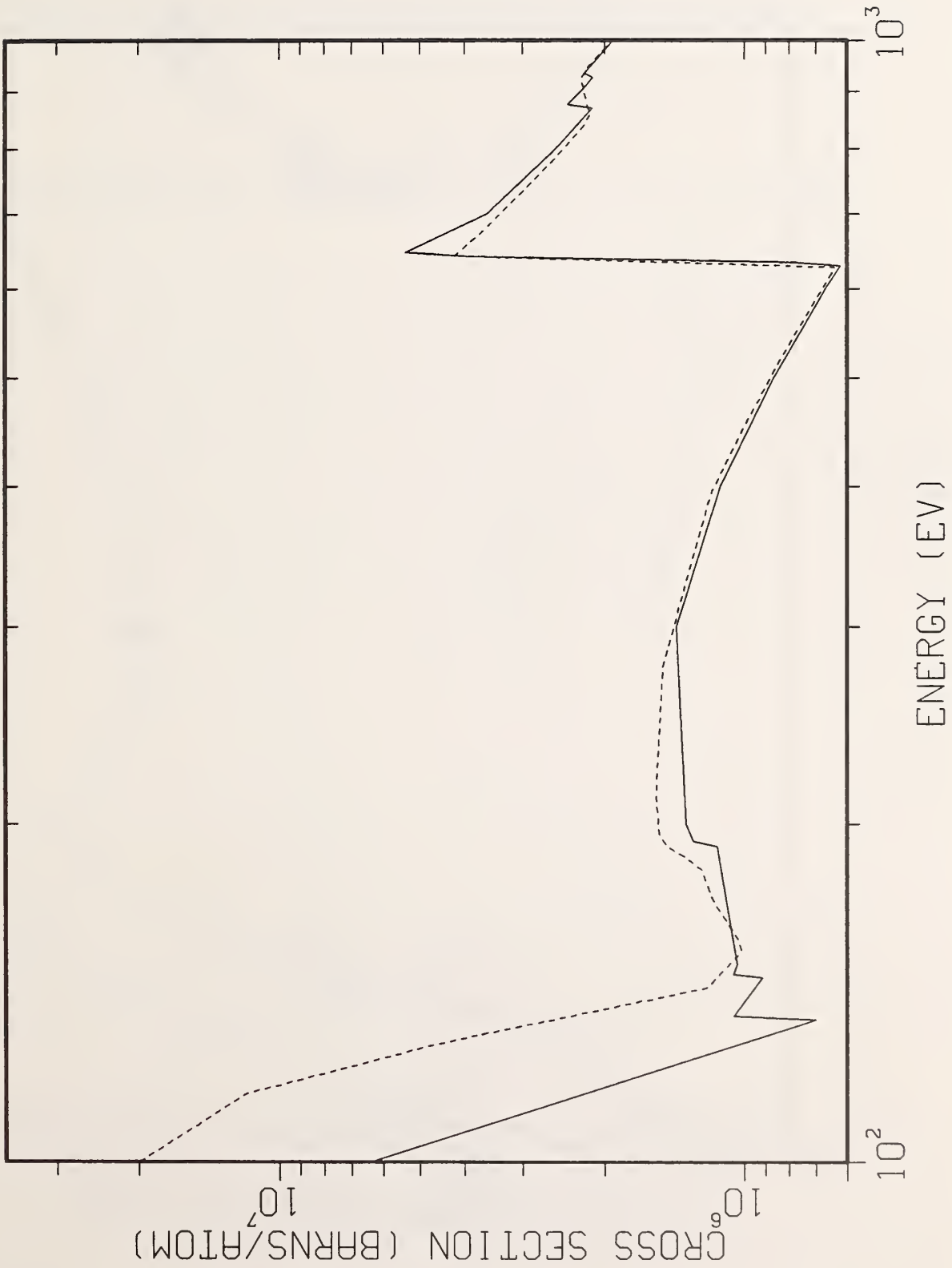
ATOMIC NUMBER 51



# ATOMIC NUMBER 52

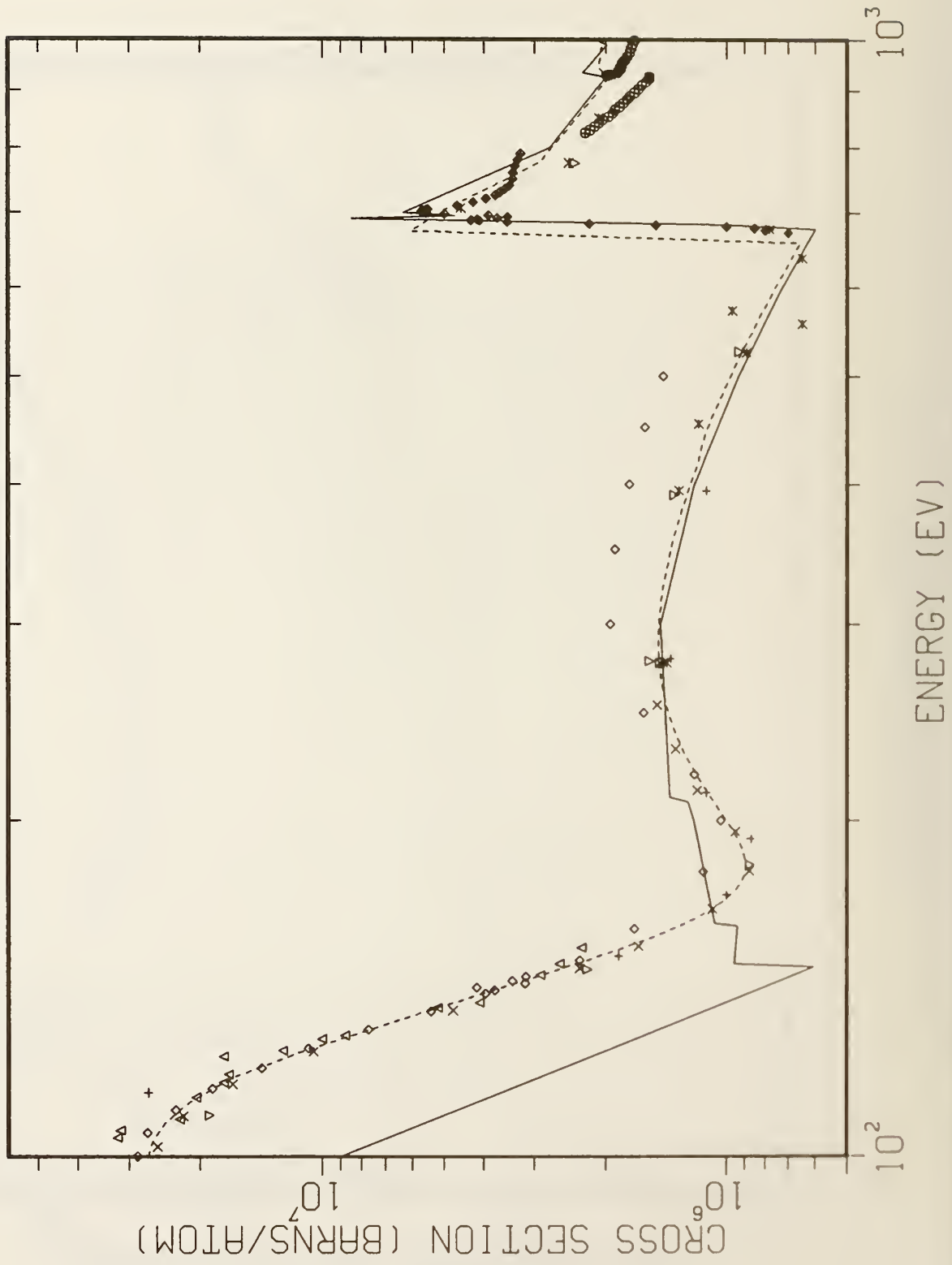


ATOMIC NUMBER 53

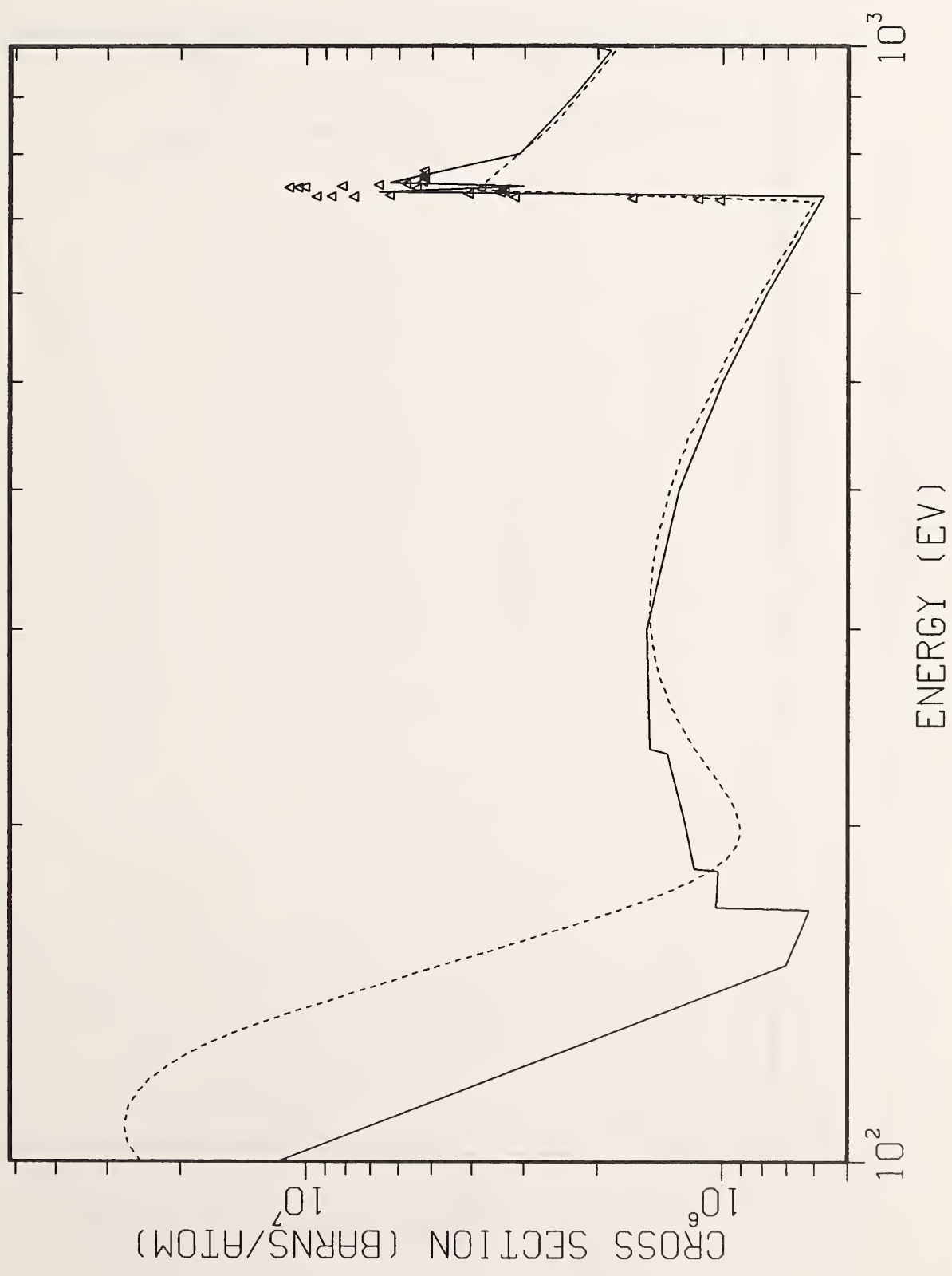




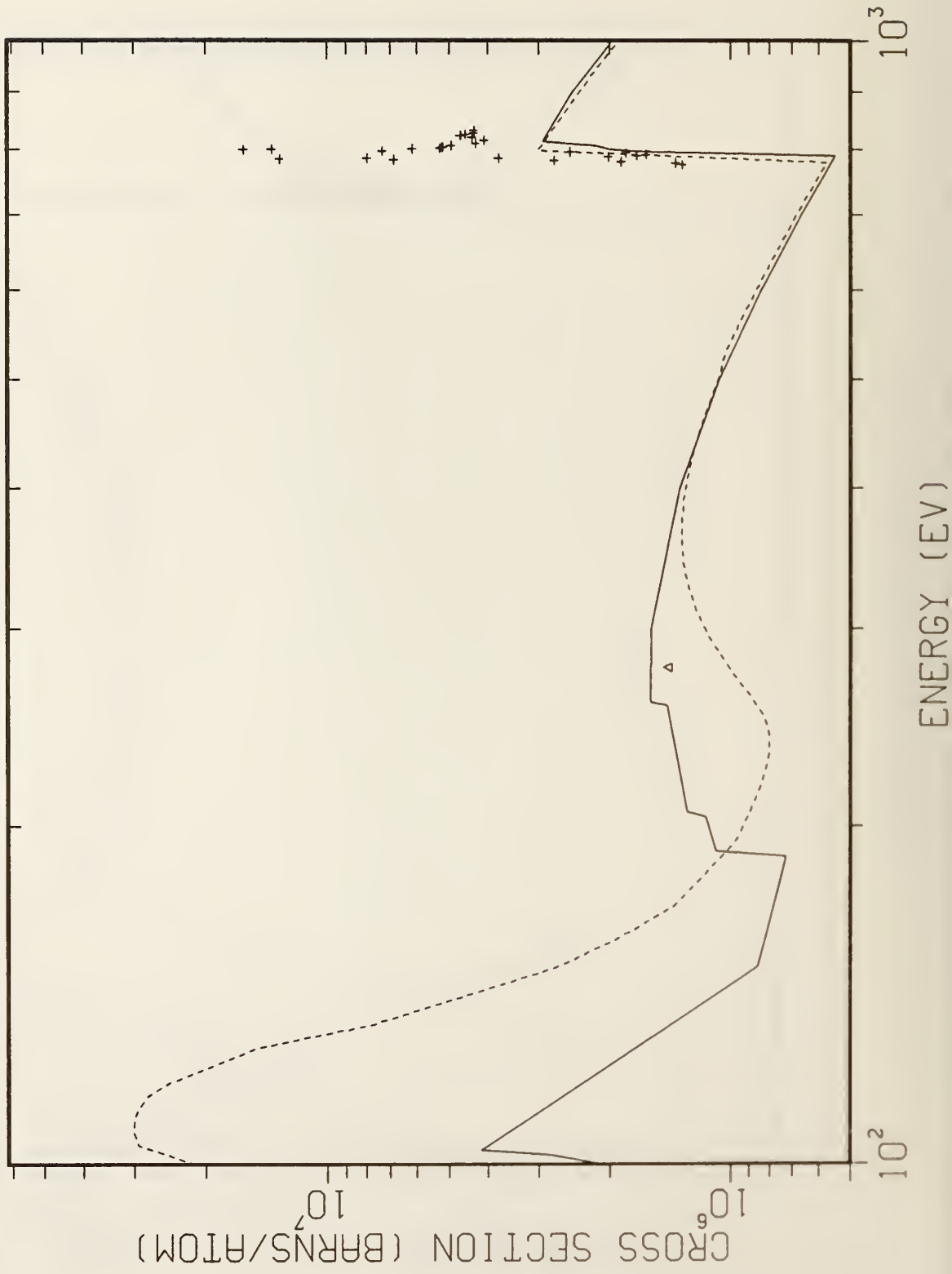
# ATOMIC NUMBER 54



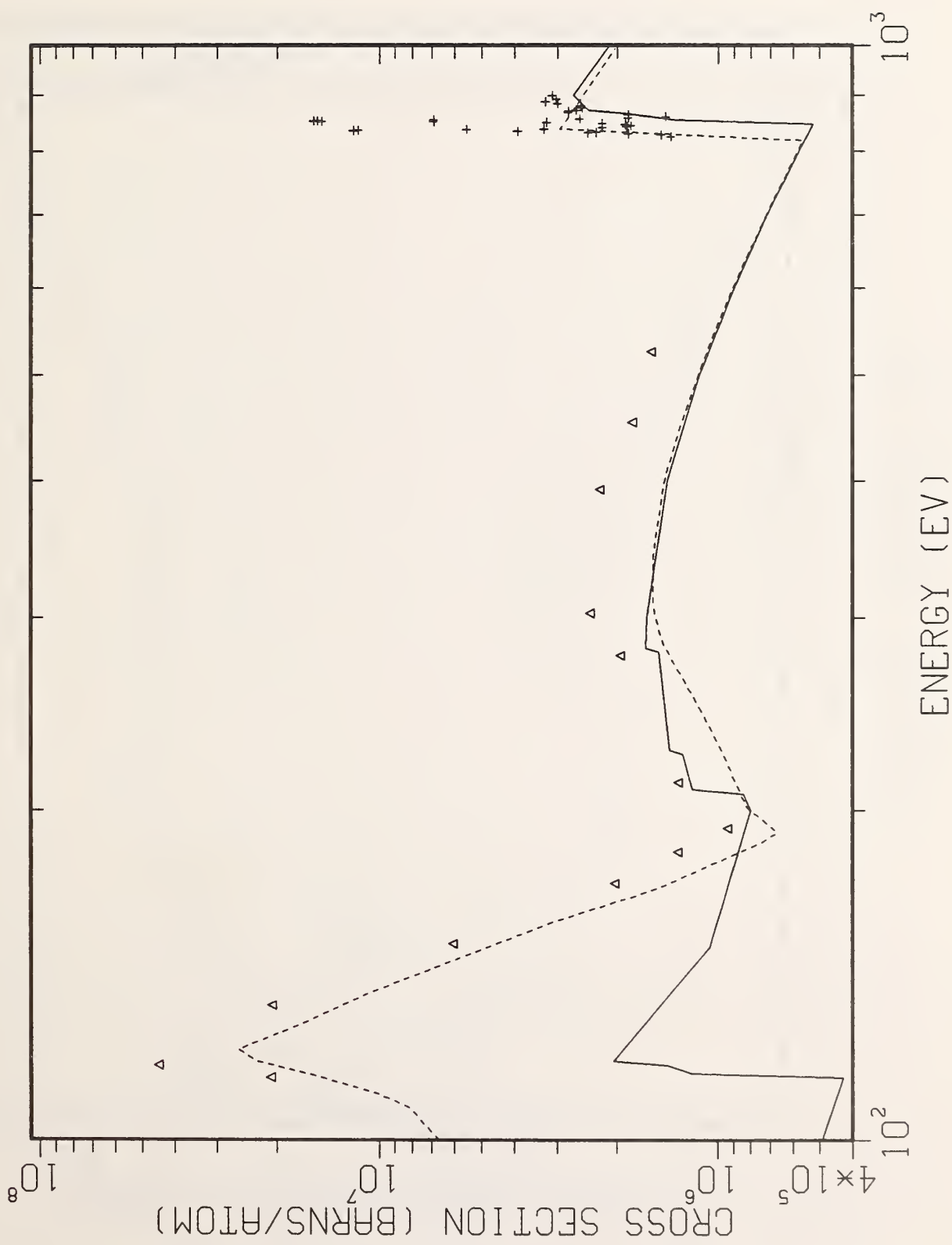
ATOMIC NUMBER 55



ATOMIC NUMBER 56

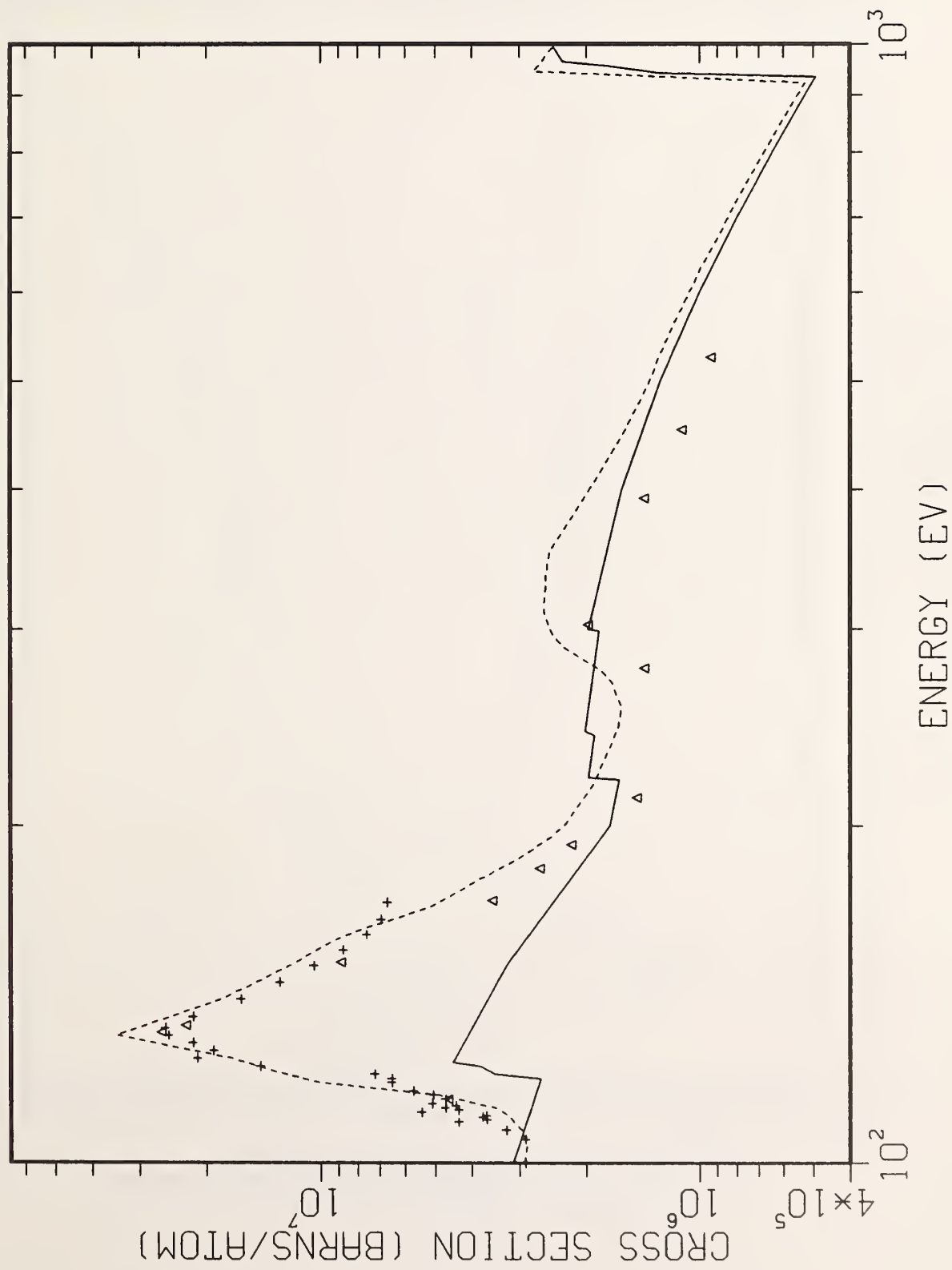


# ATOMIC NUMBER 57

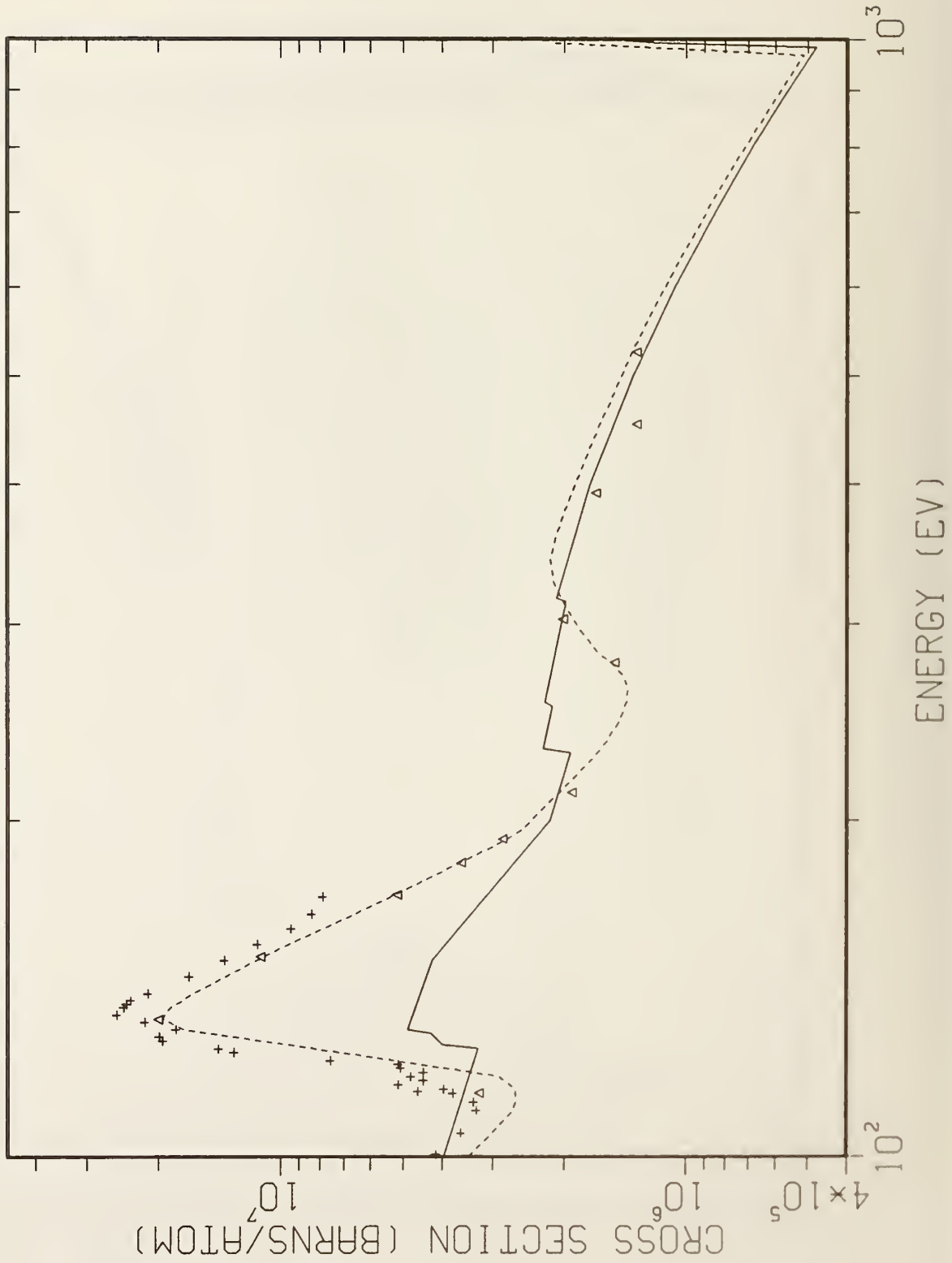


# ATOMIC NUMBER 58



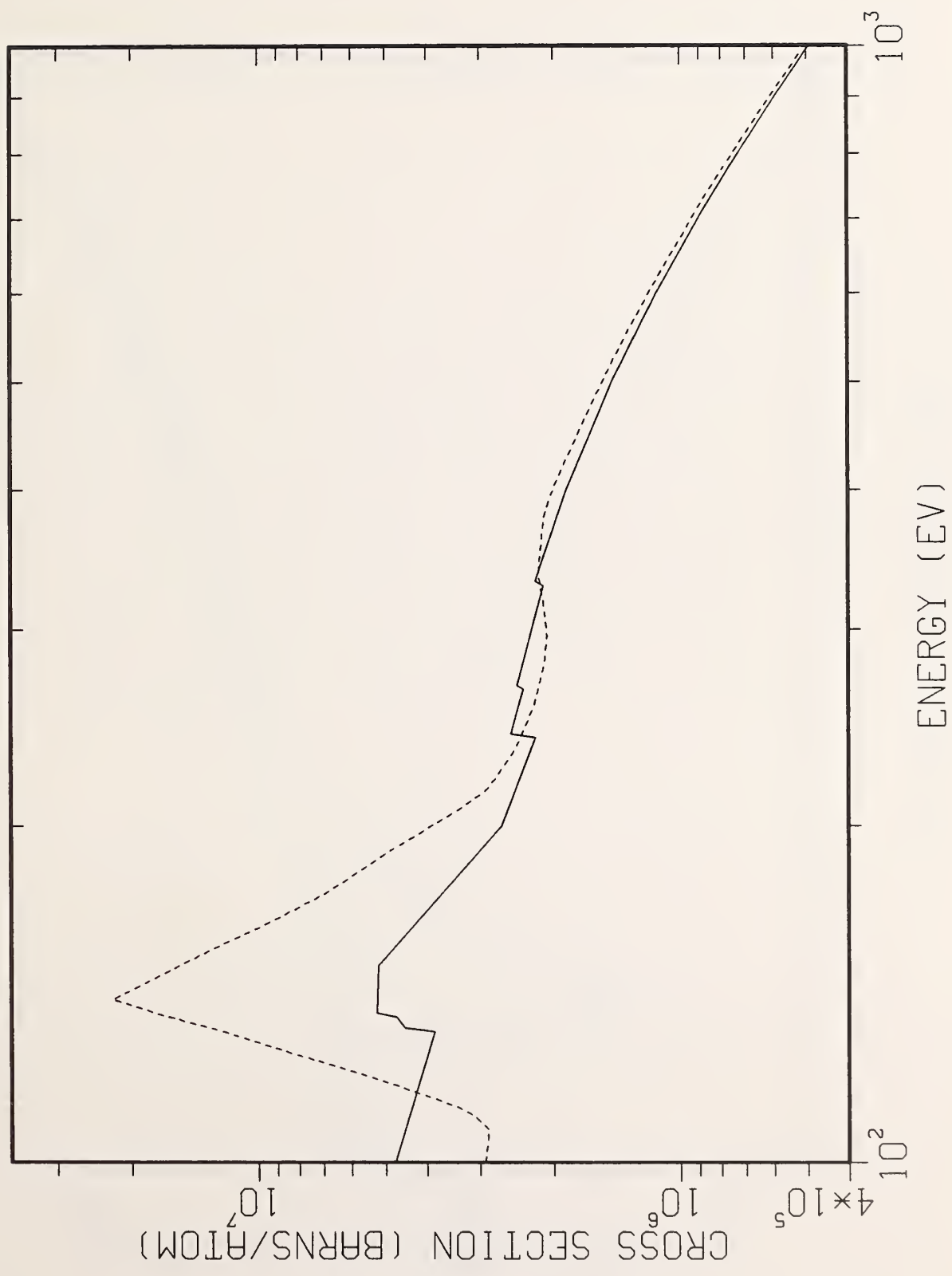


ATOMIC NUMBER 60

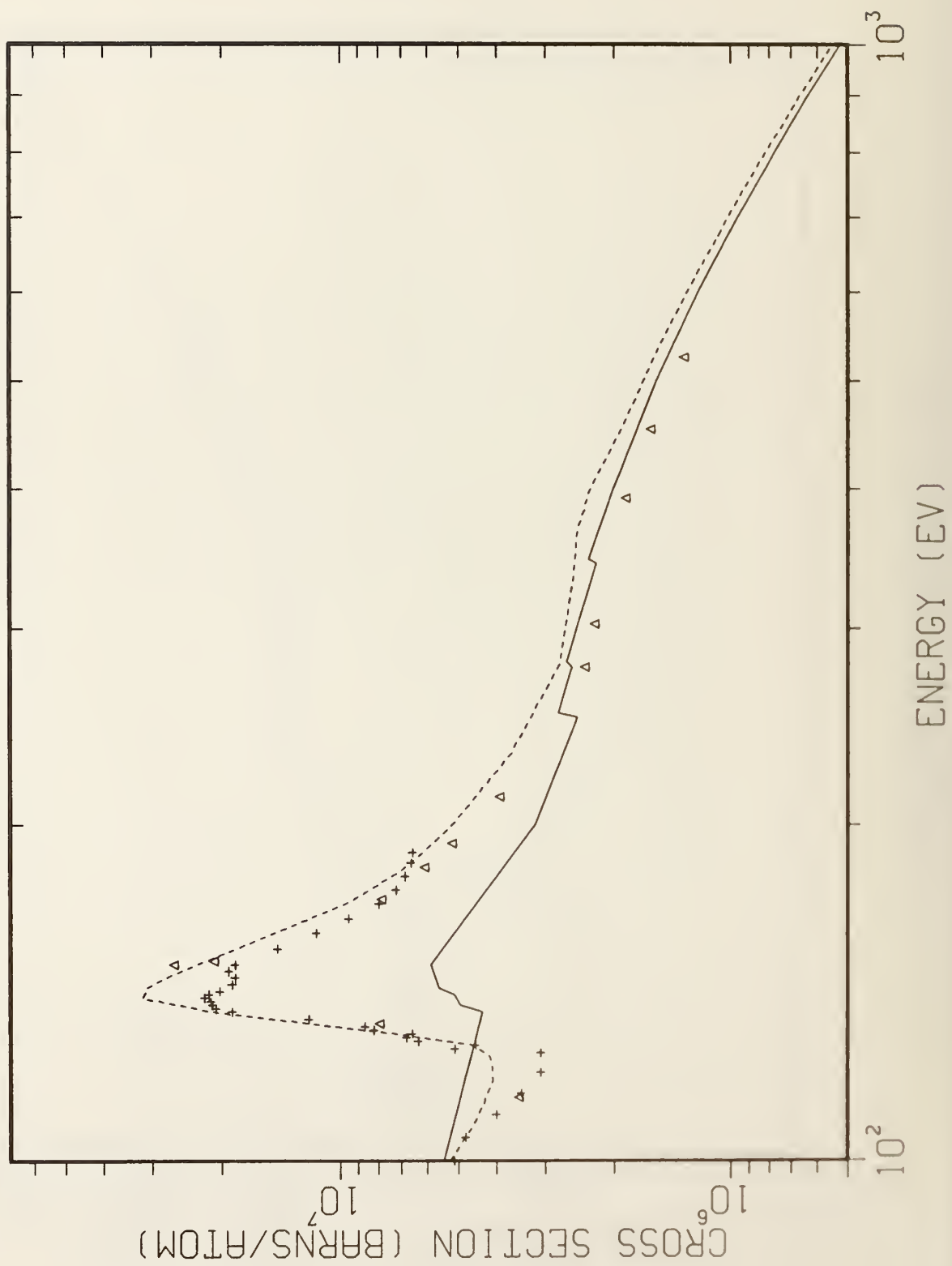




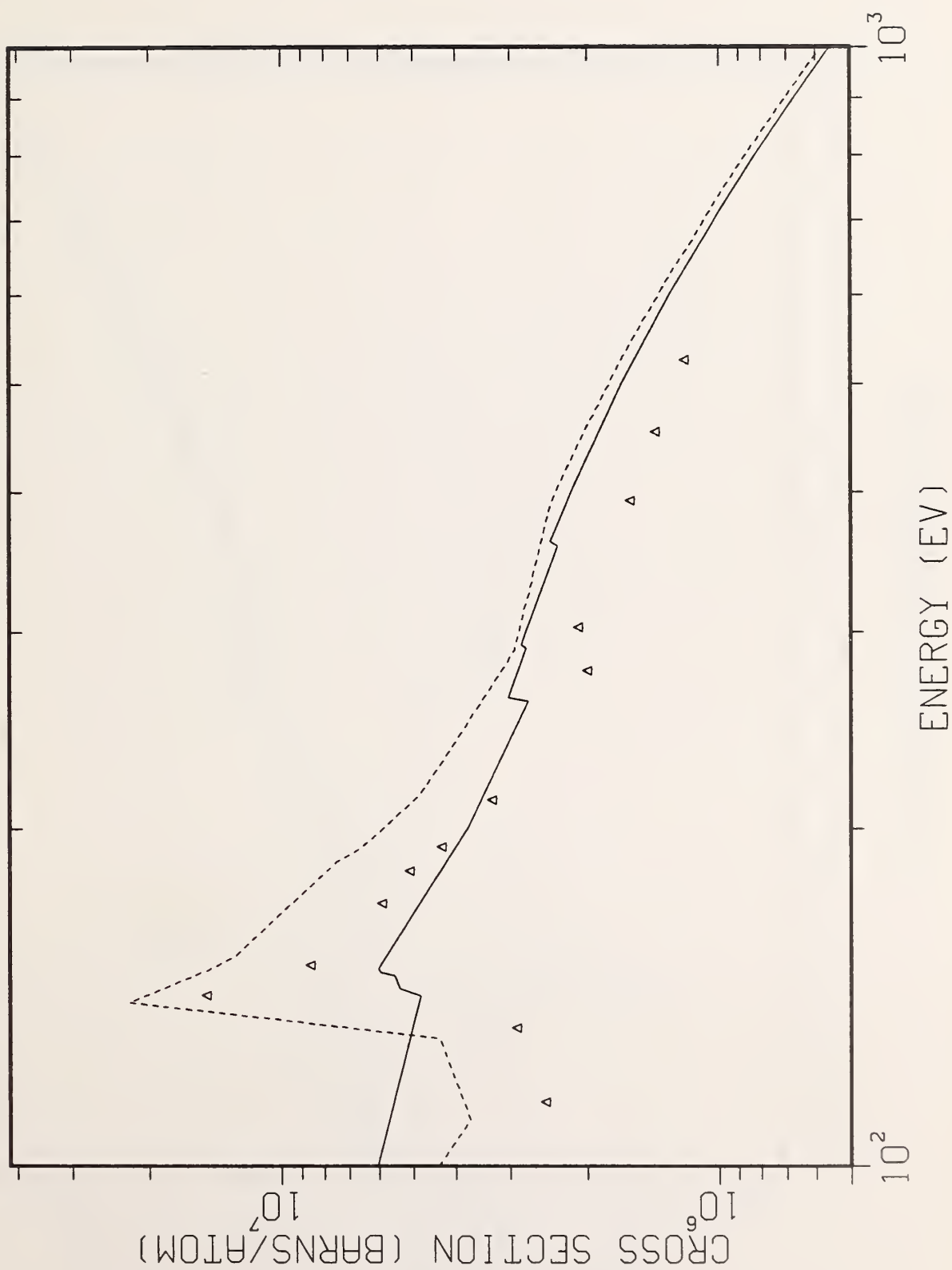
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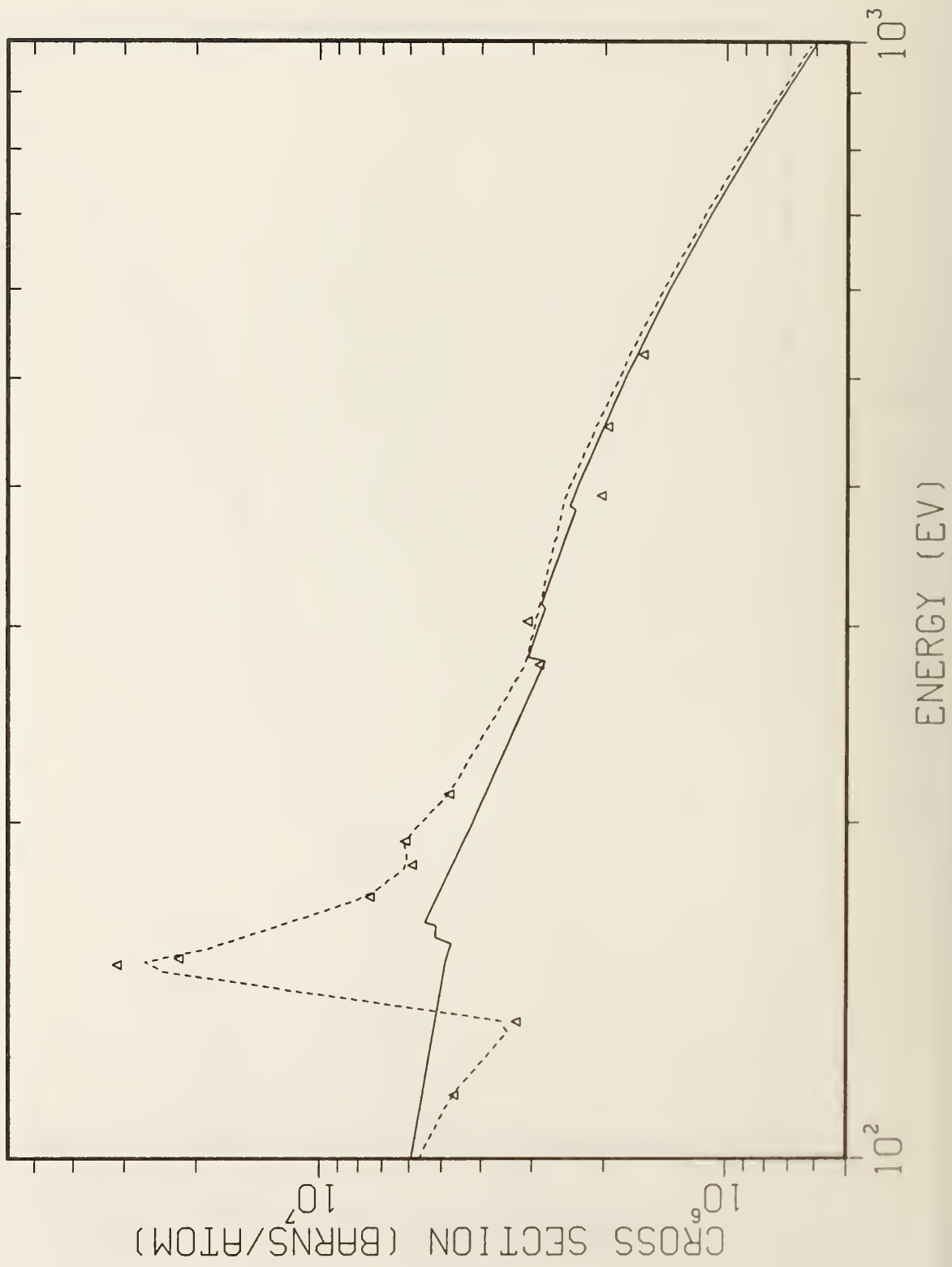
ATOMIC NUMBER 62

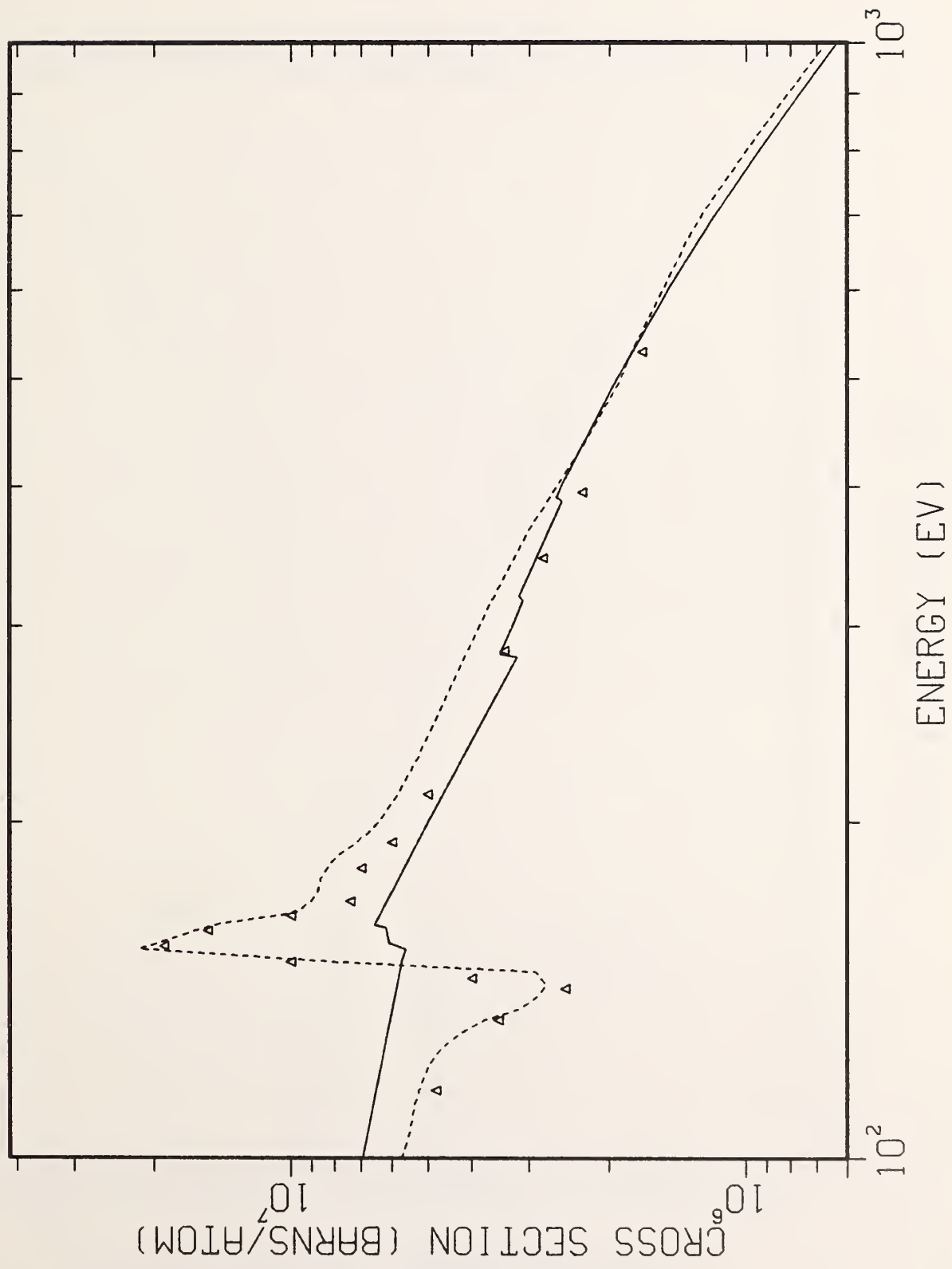


ATOMIC NUMBER 63

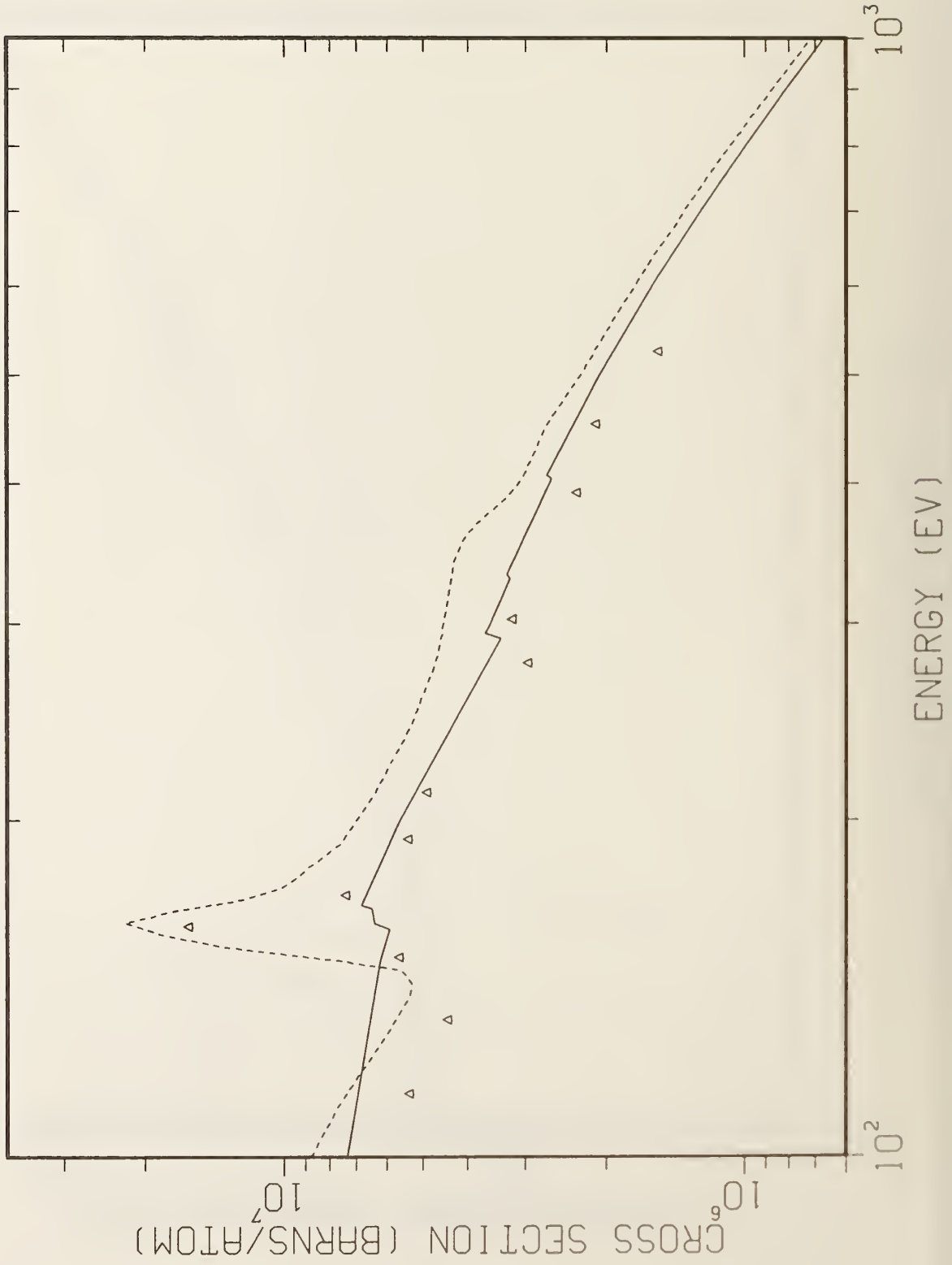


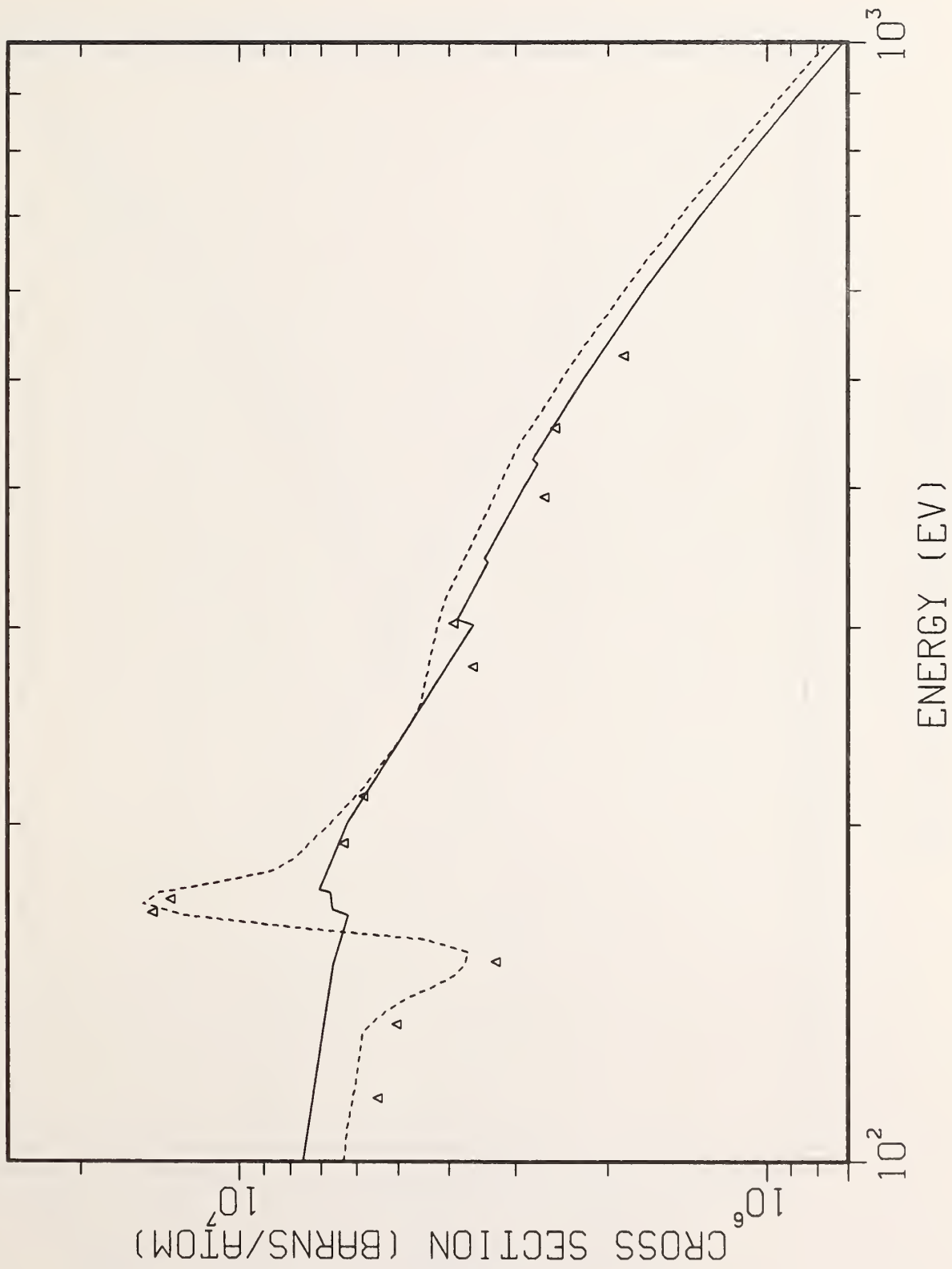
# ATOMIC NUMBER 64



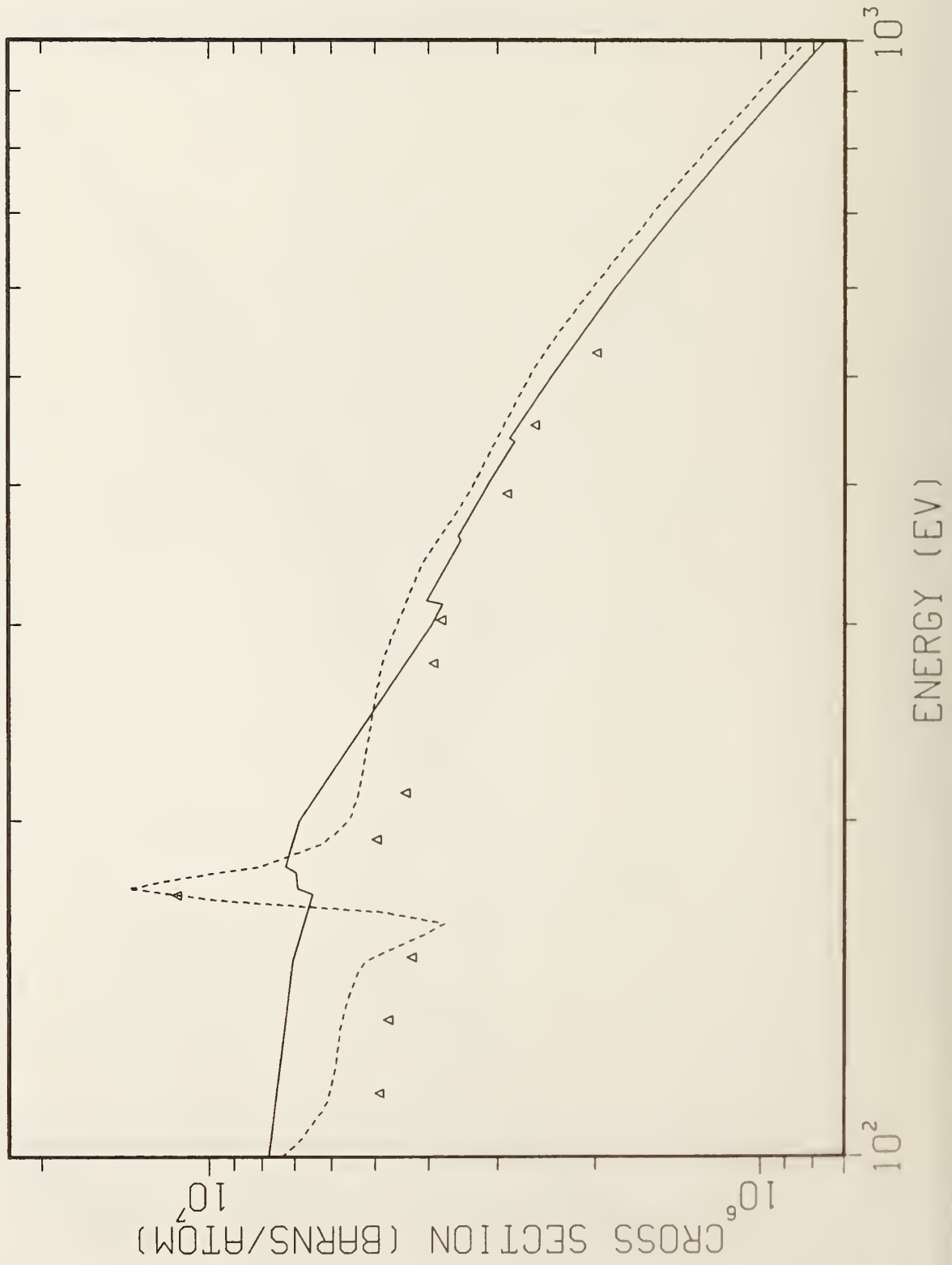


# ATOMIC NUMBER 66





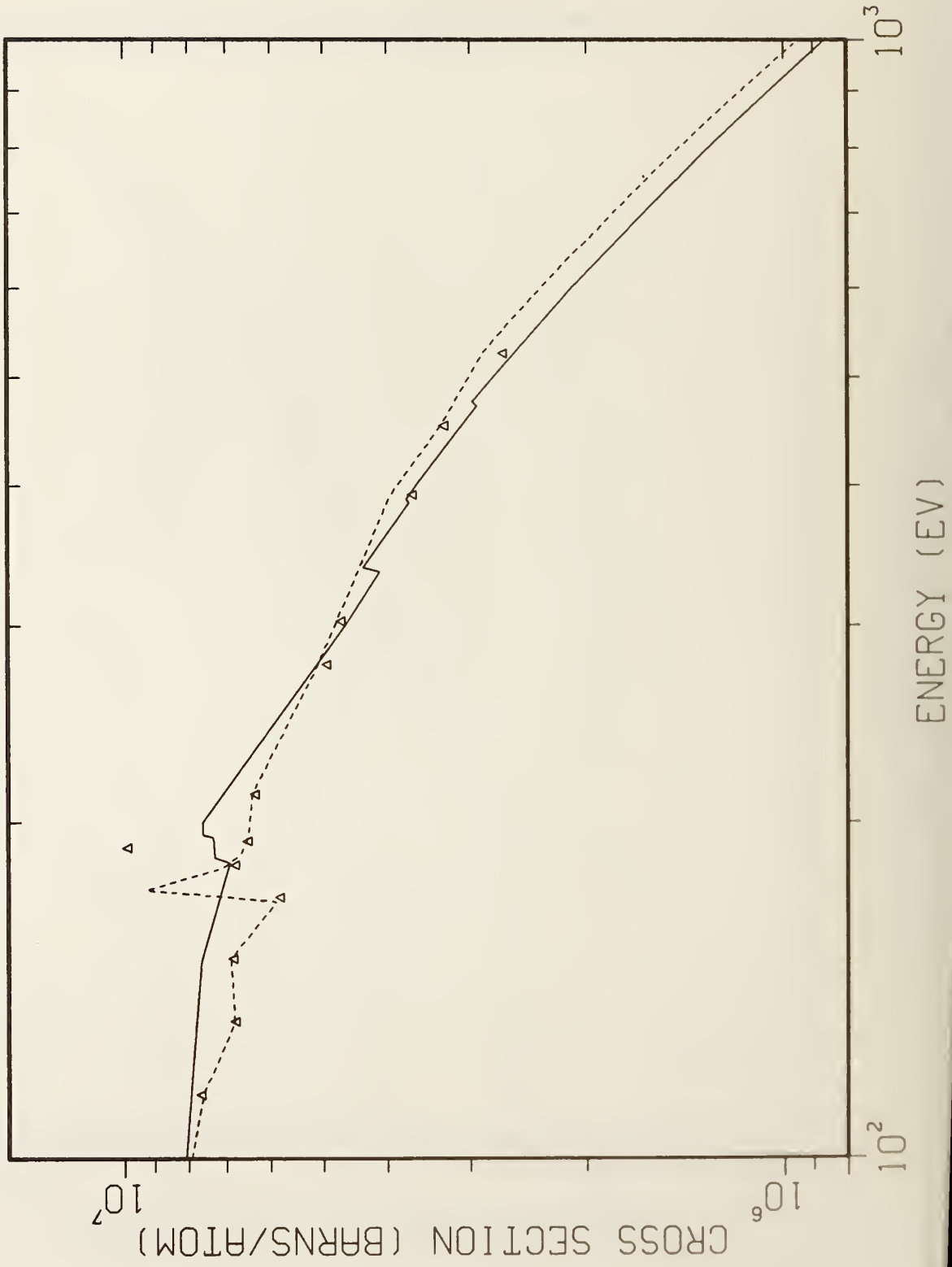
ATOMIC NUMBER 68

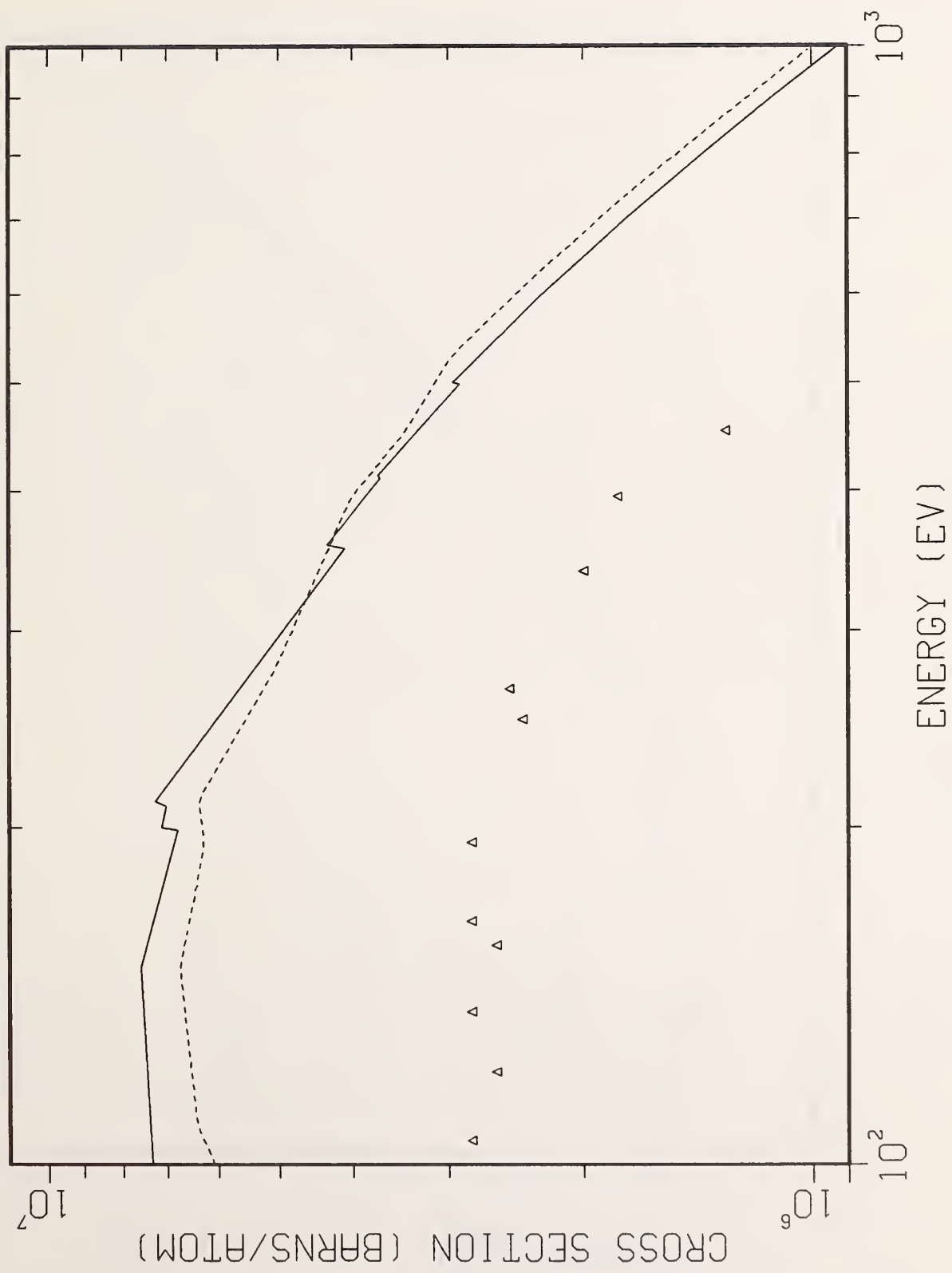




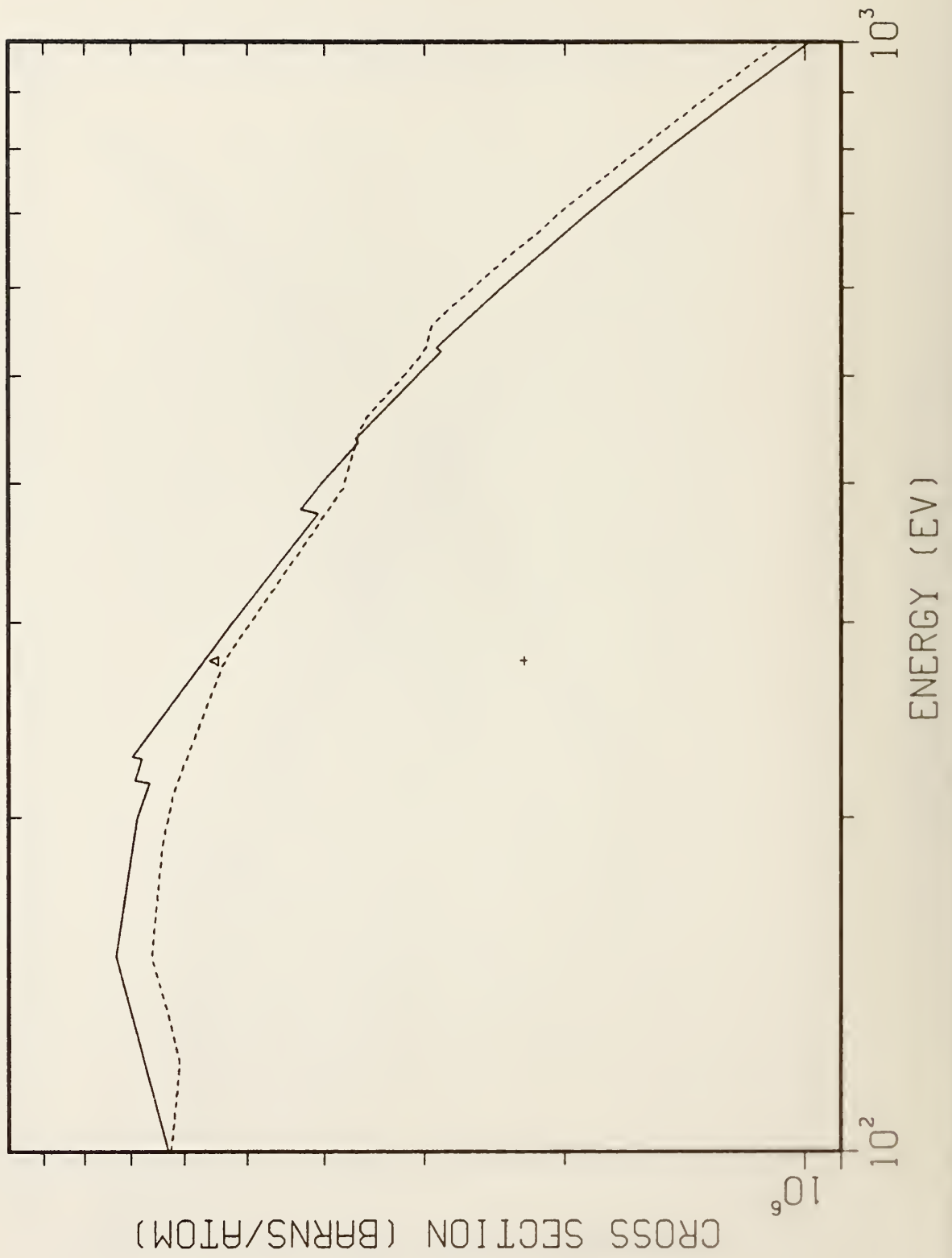


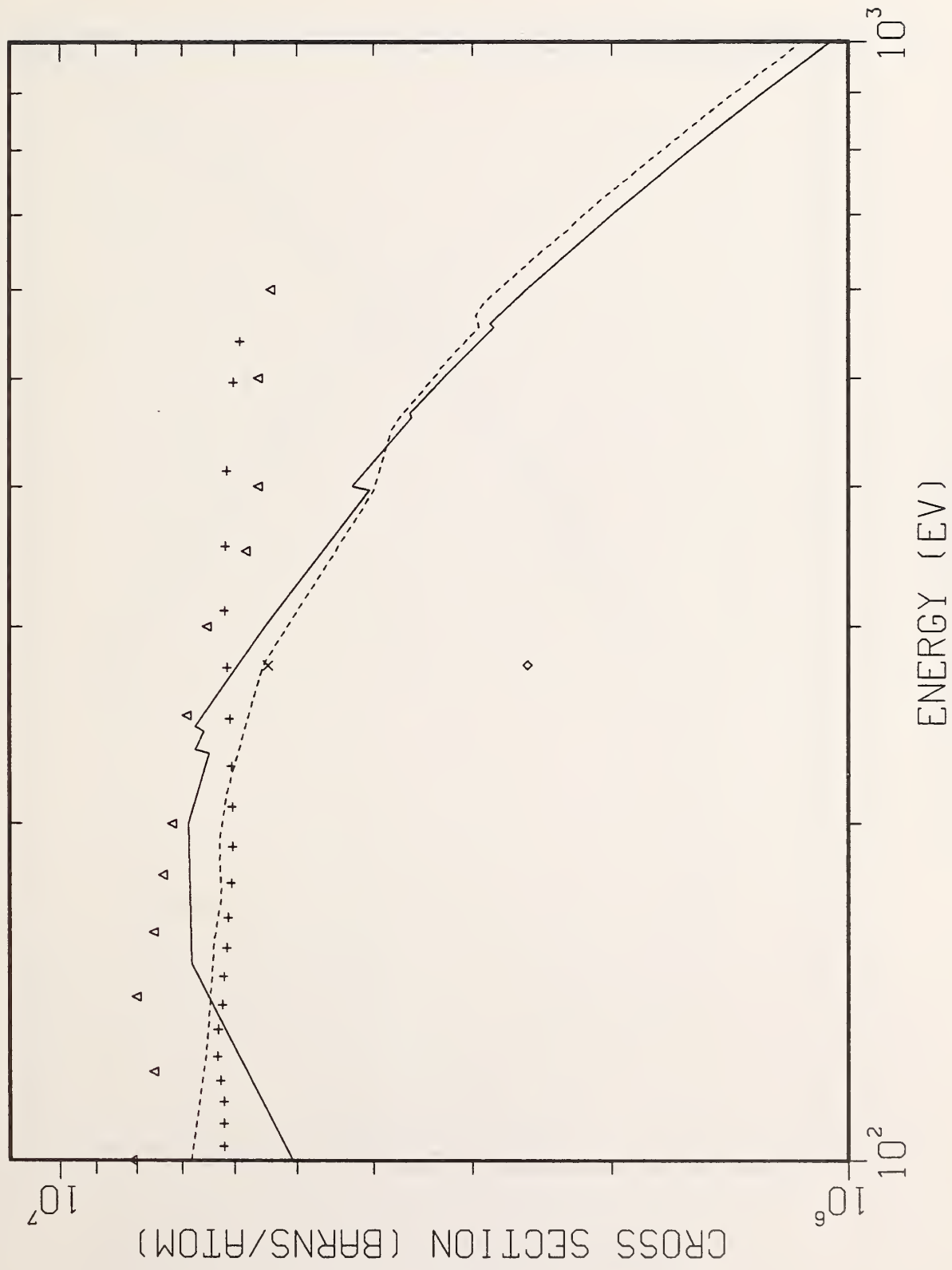
# ATOMIC NUMBER 70



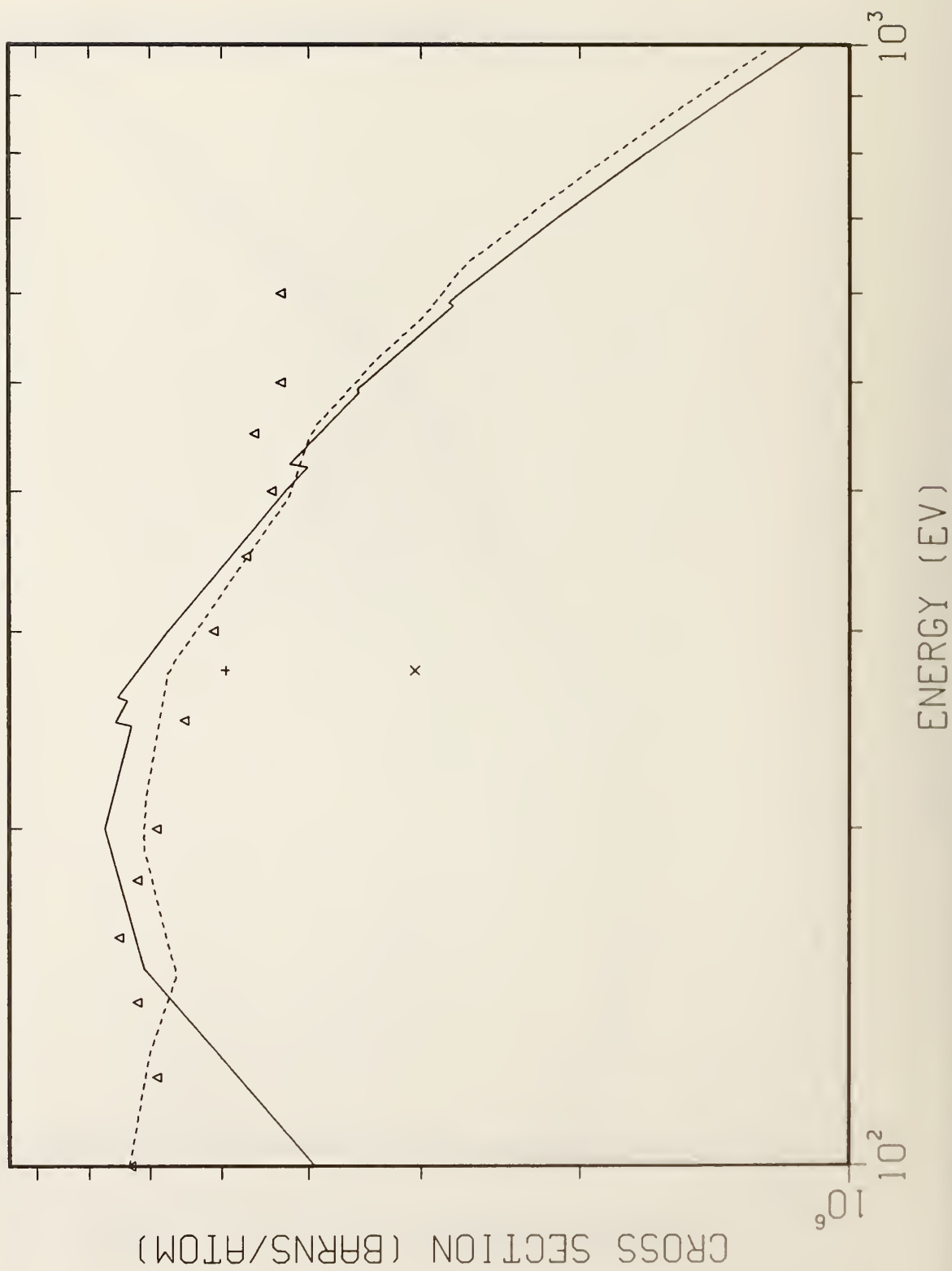


ATOMIC NUMBER 72





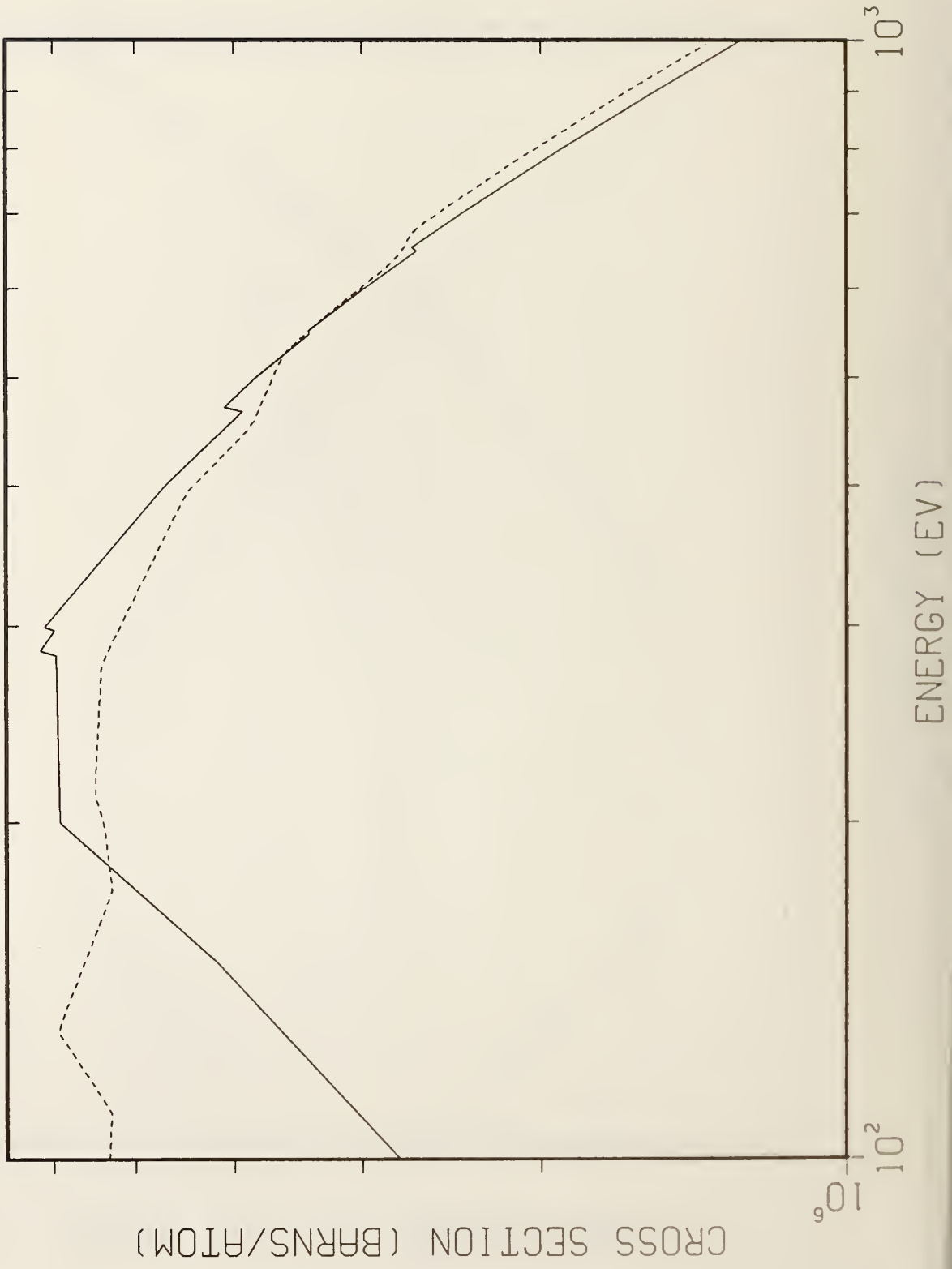
# ATOMIC NUMBER 74



# ATOMIC NUMBER 75

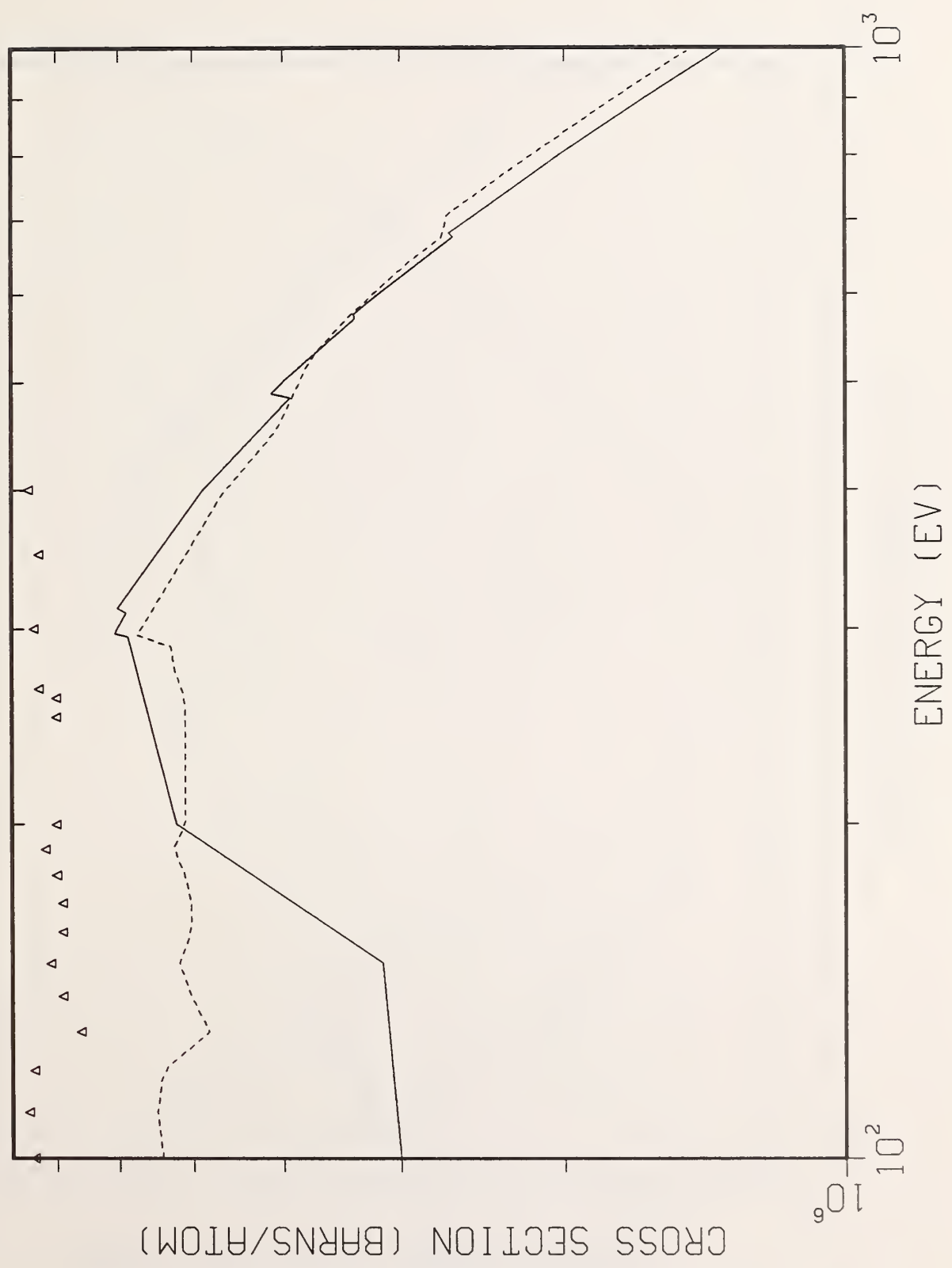


ATOMIC NUMBER 76

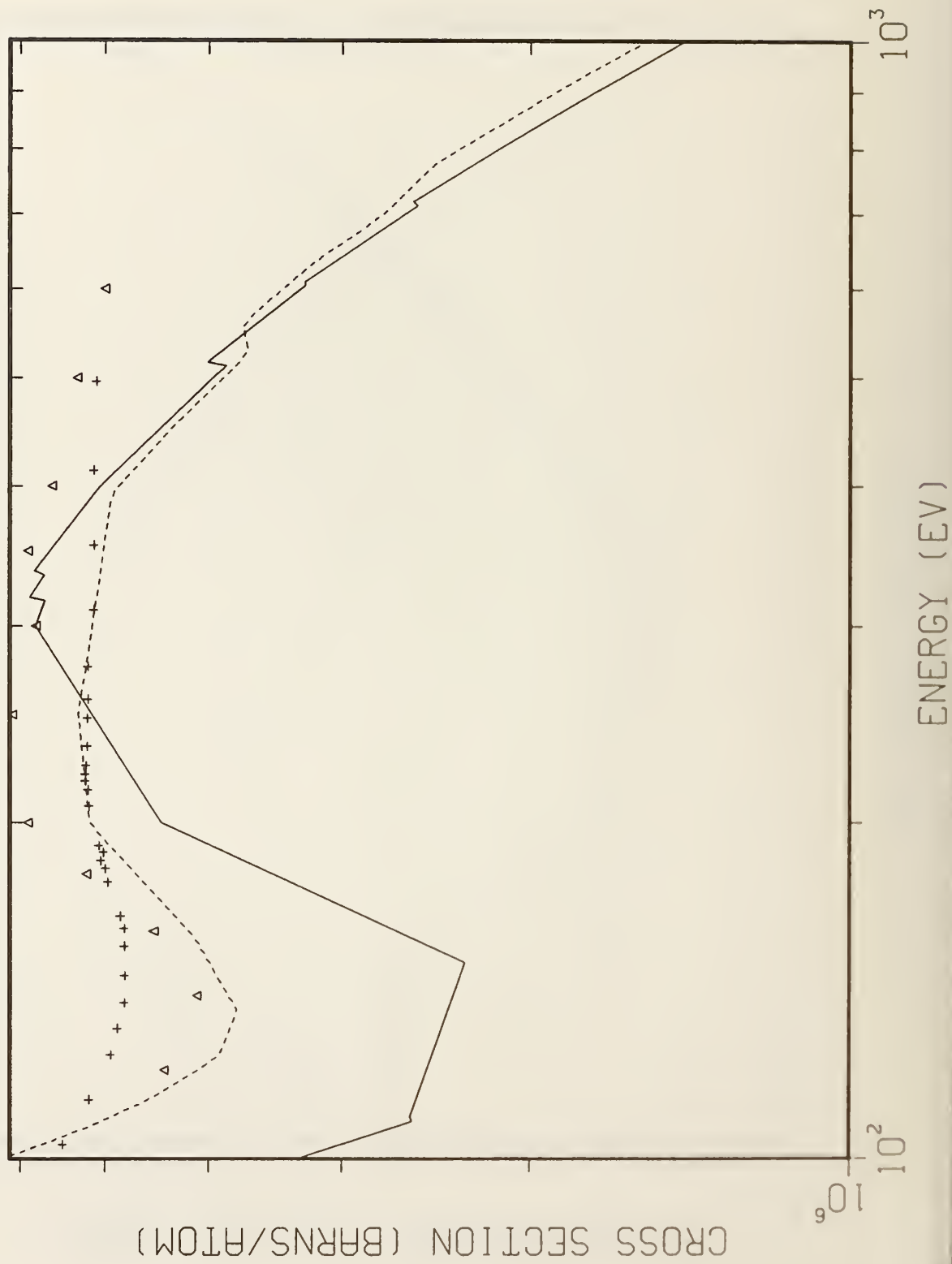


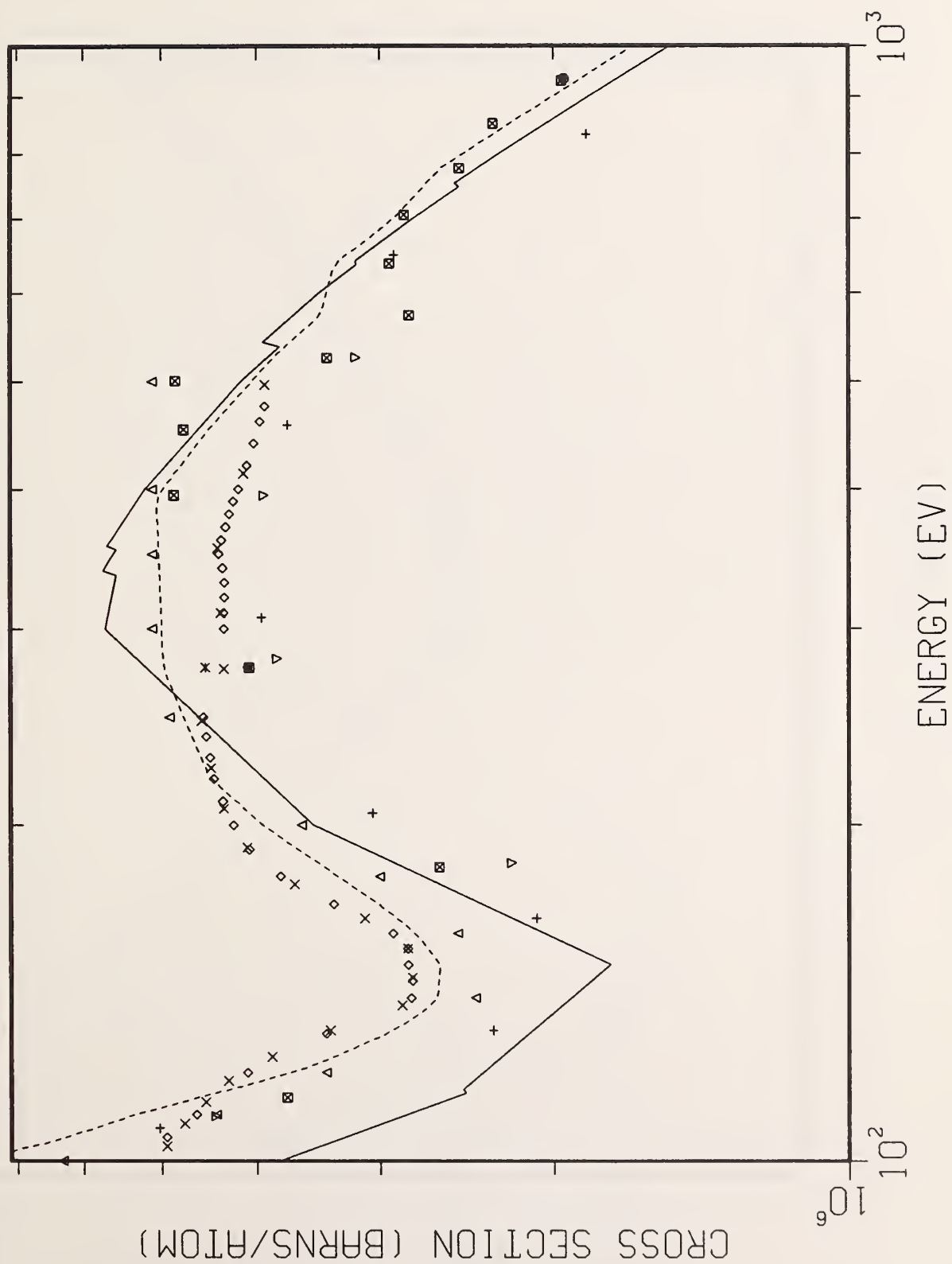


ATOMIC NUMBER 77

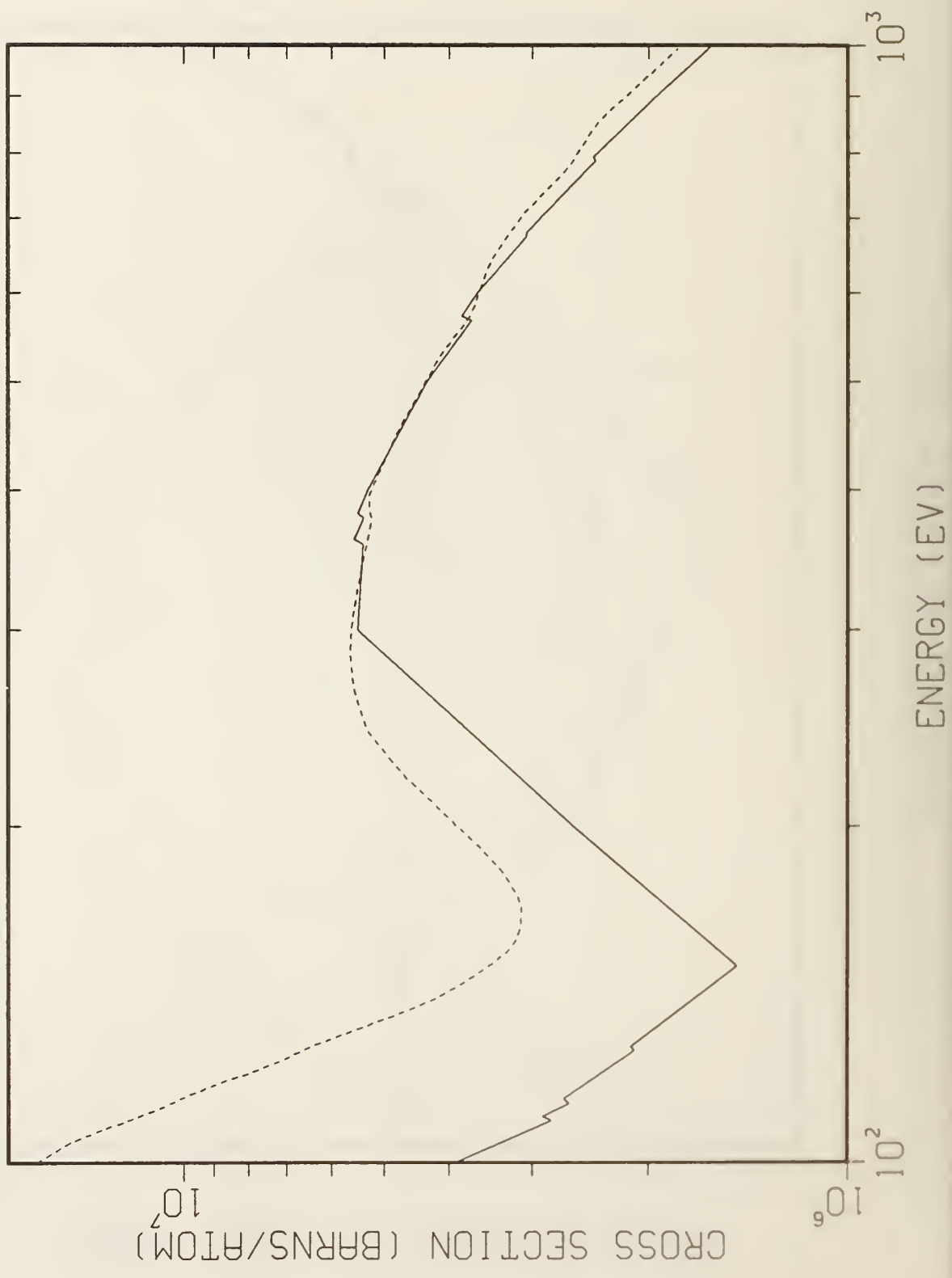


# ATOMIC NUMBER 78

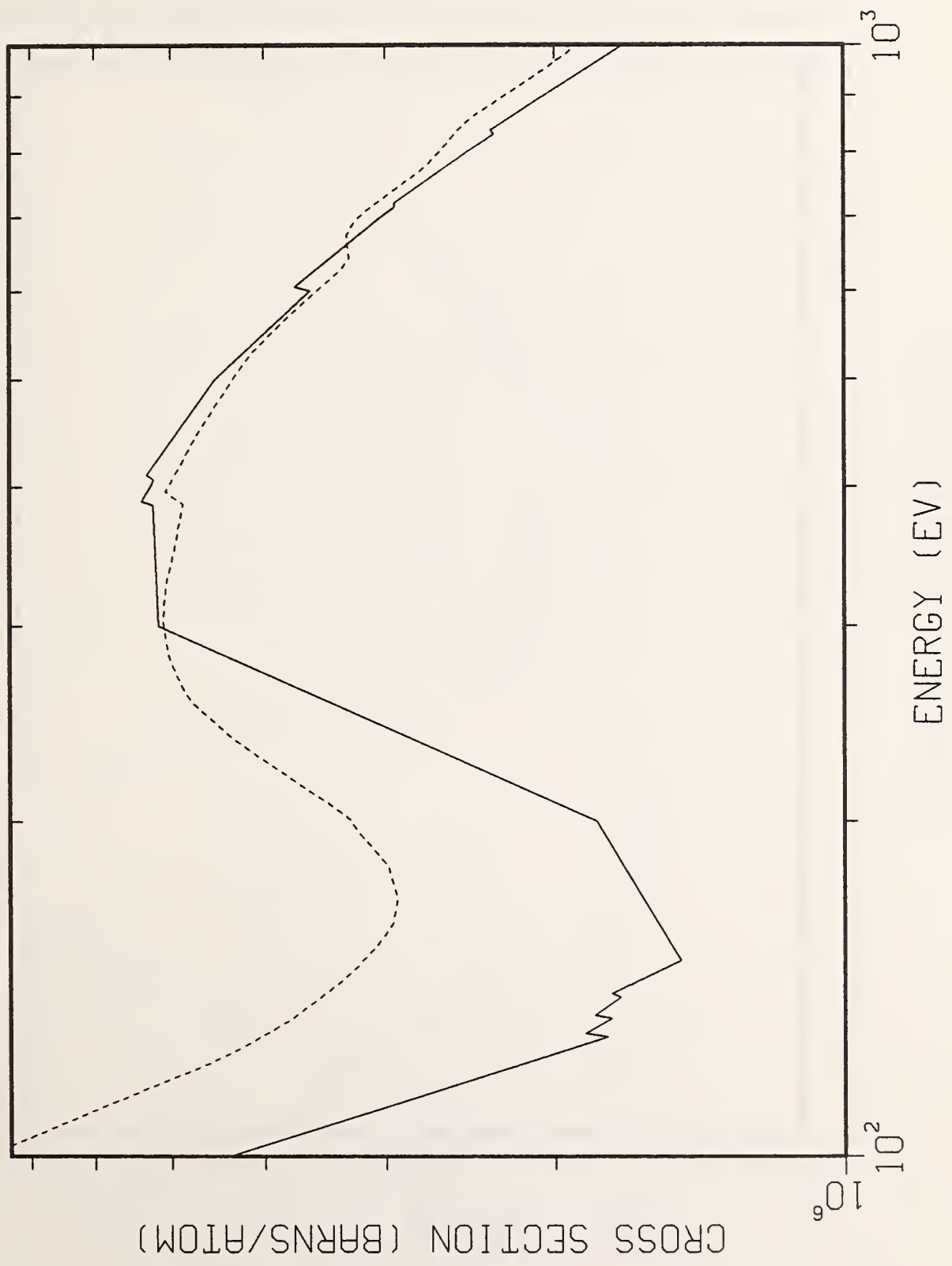




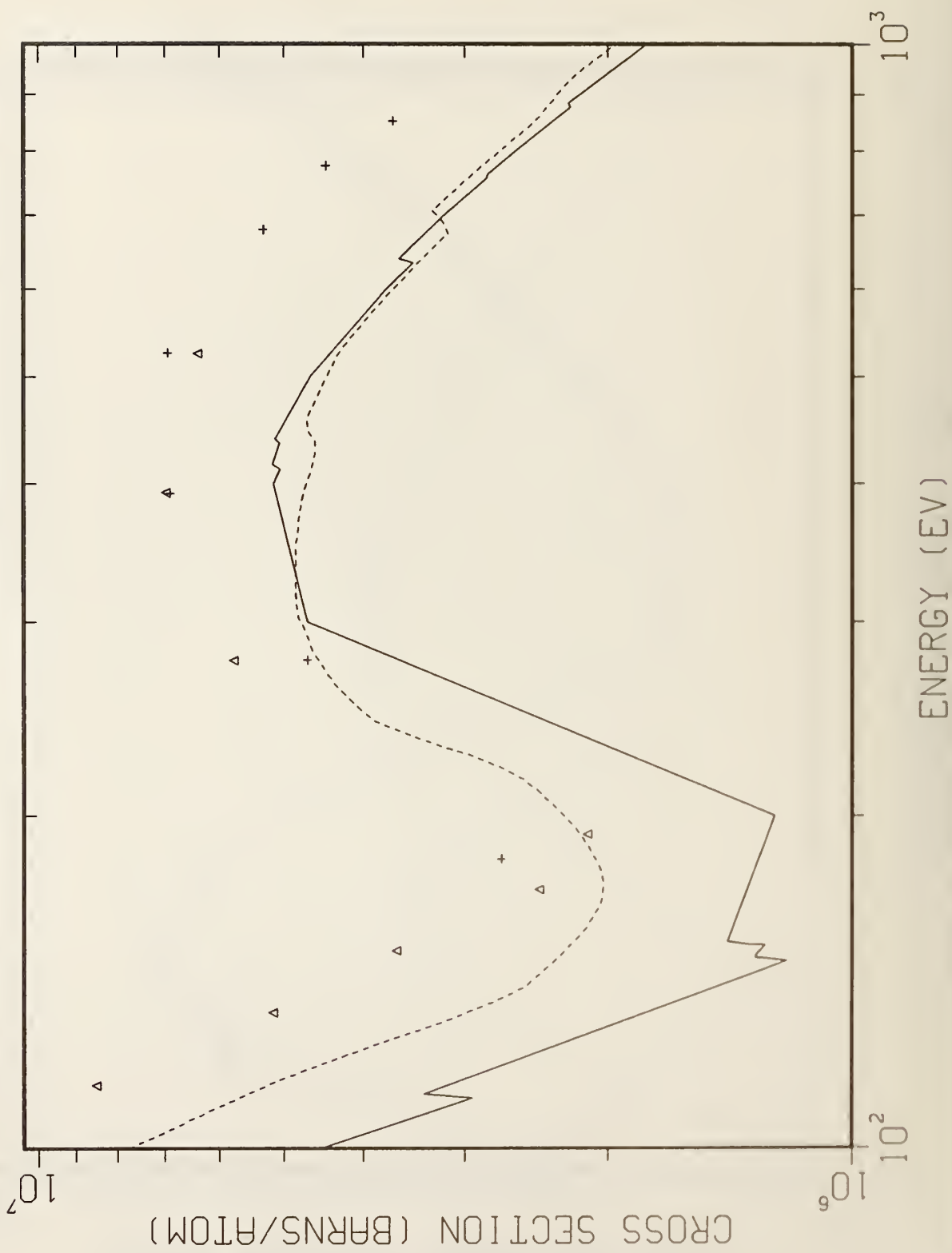
ATOMIC NUMBER 80

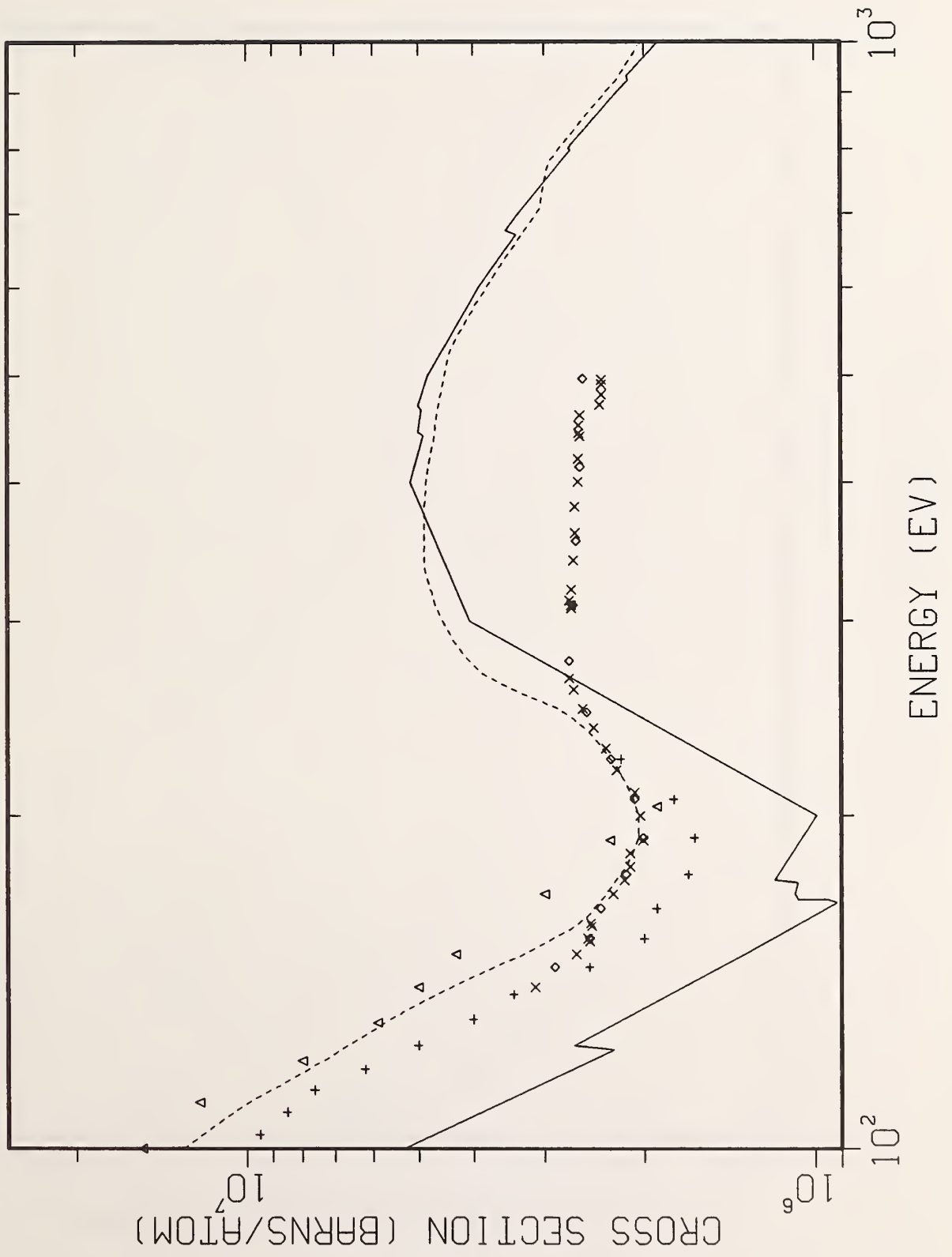


ATOMIC NUMBER 81

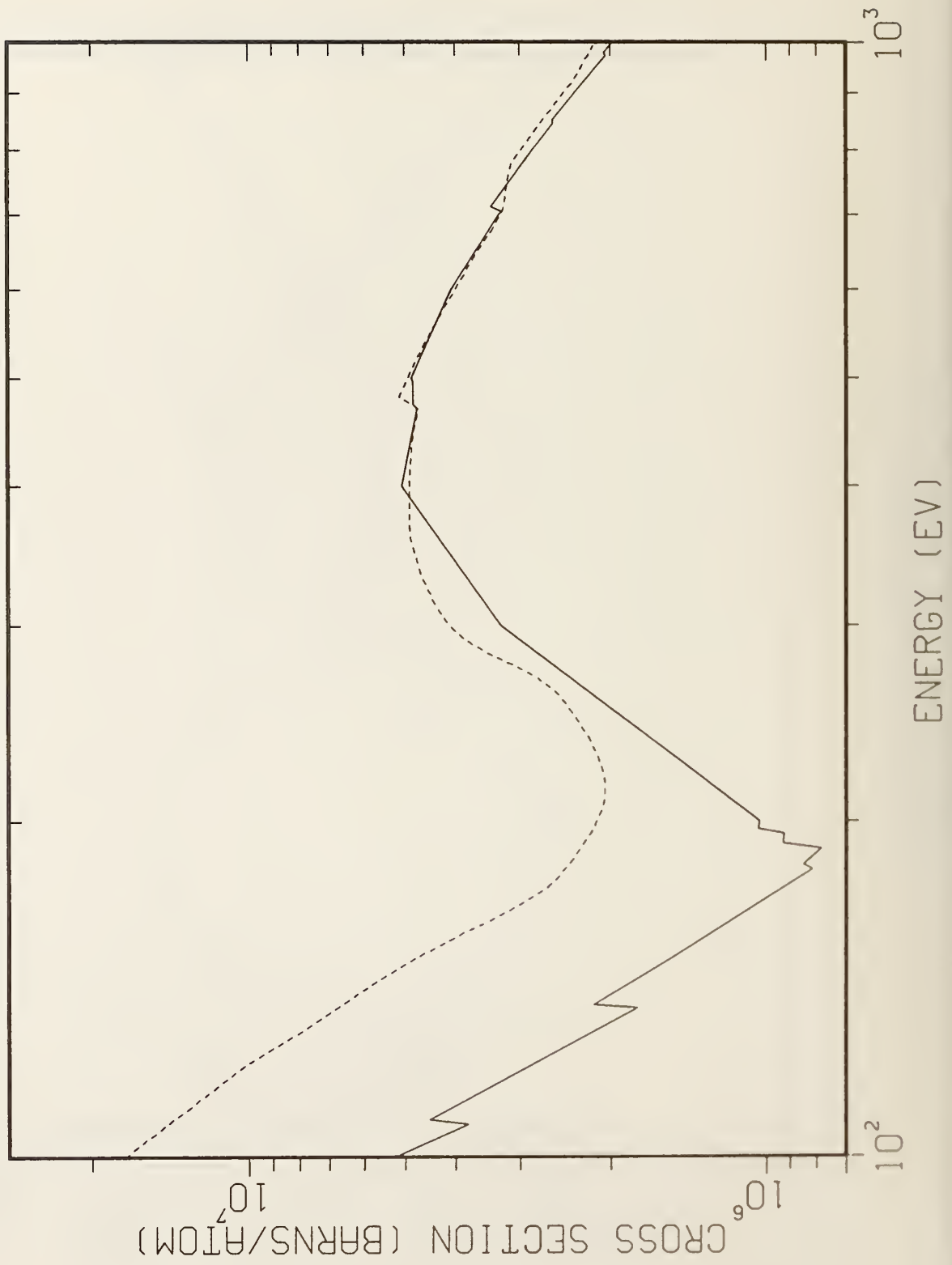


# ATOMIC NUMBER 82



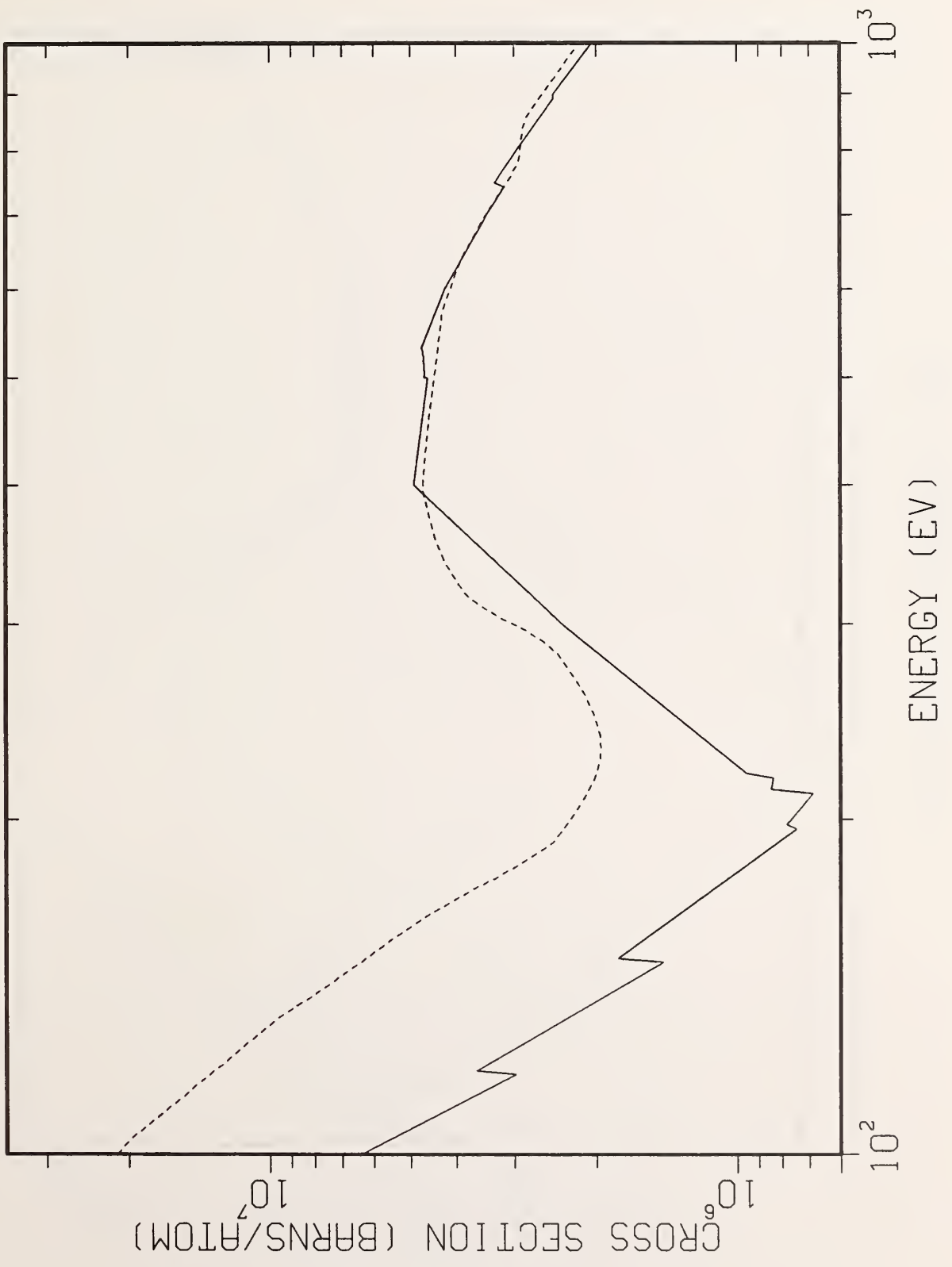


ATOMIC NUMBER 84

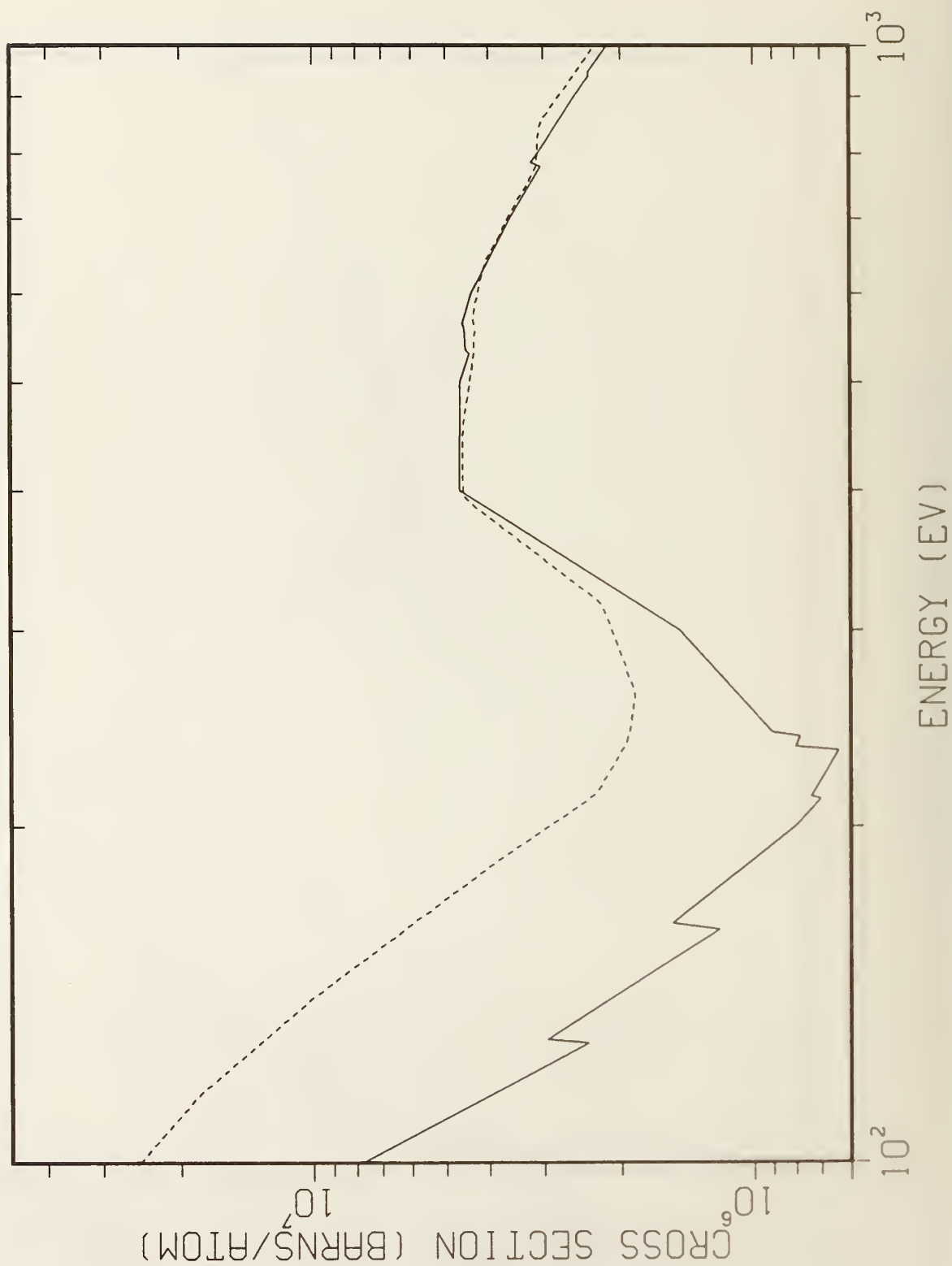




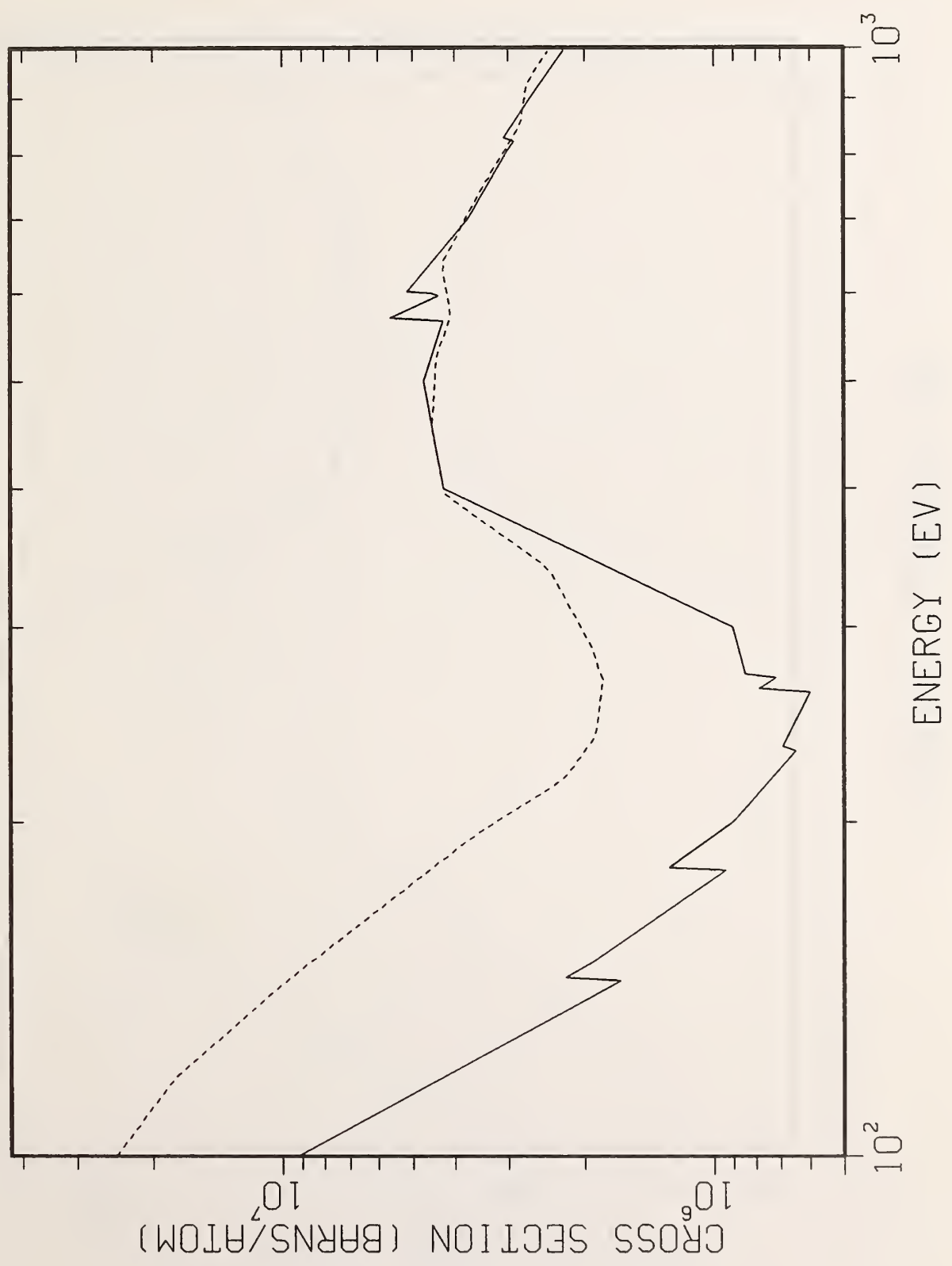
ATOMIC NUMBER 85



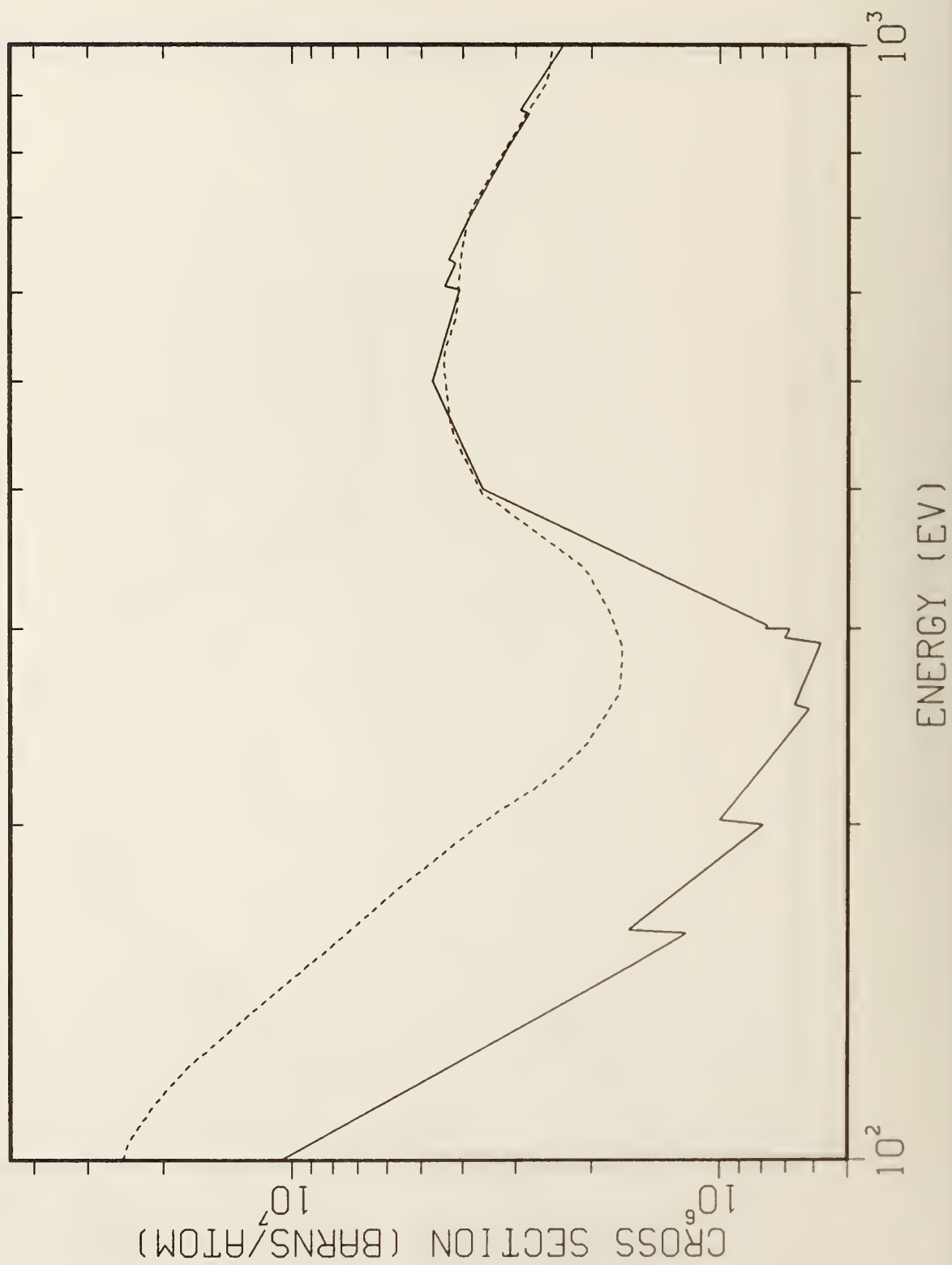
ATOMIC NUMBER 86



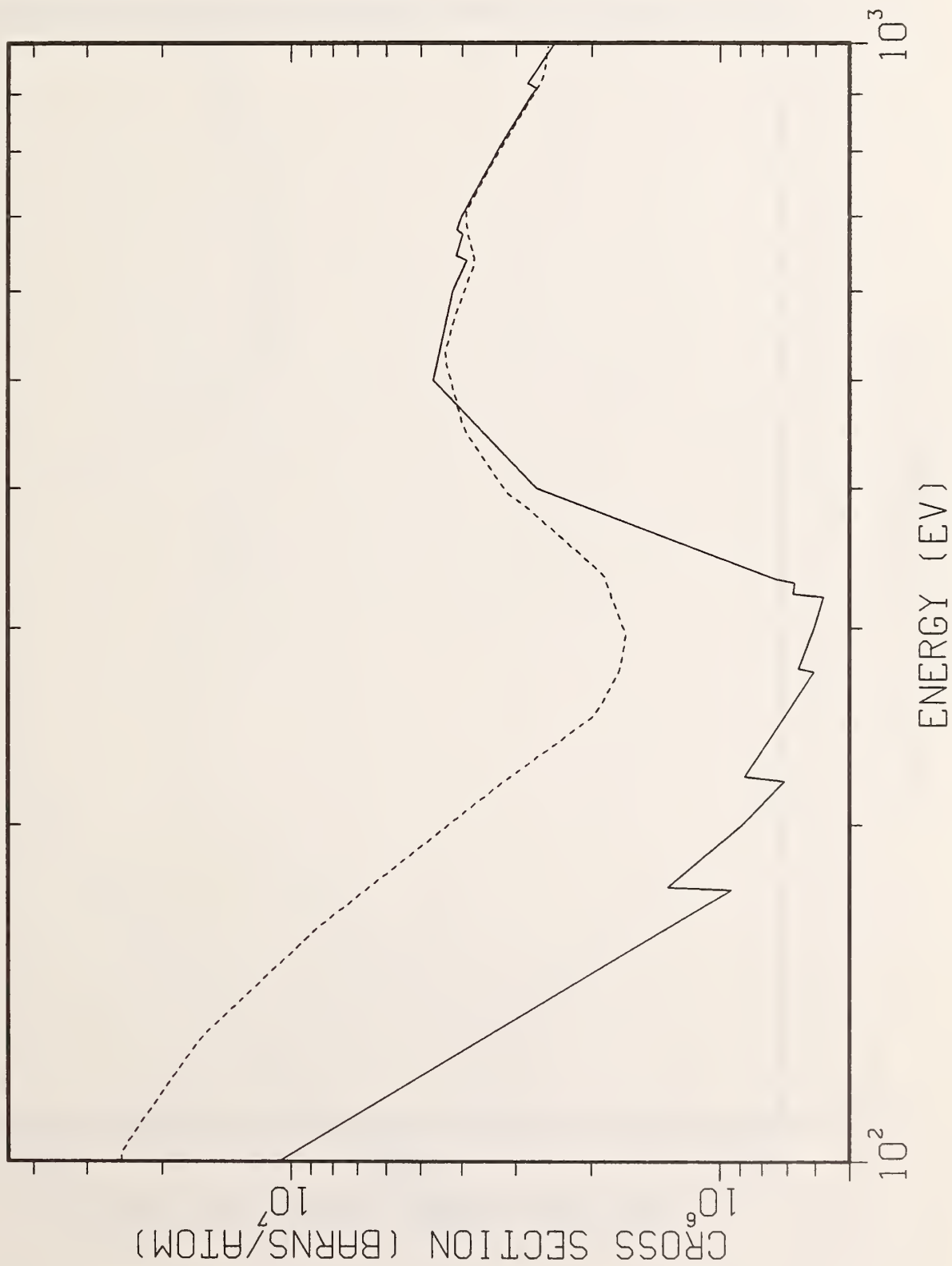
ATOMIC NUMBER 87



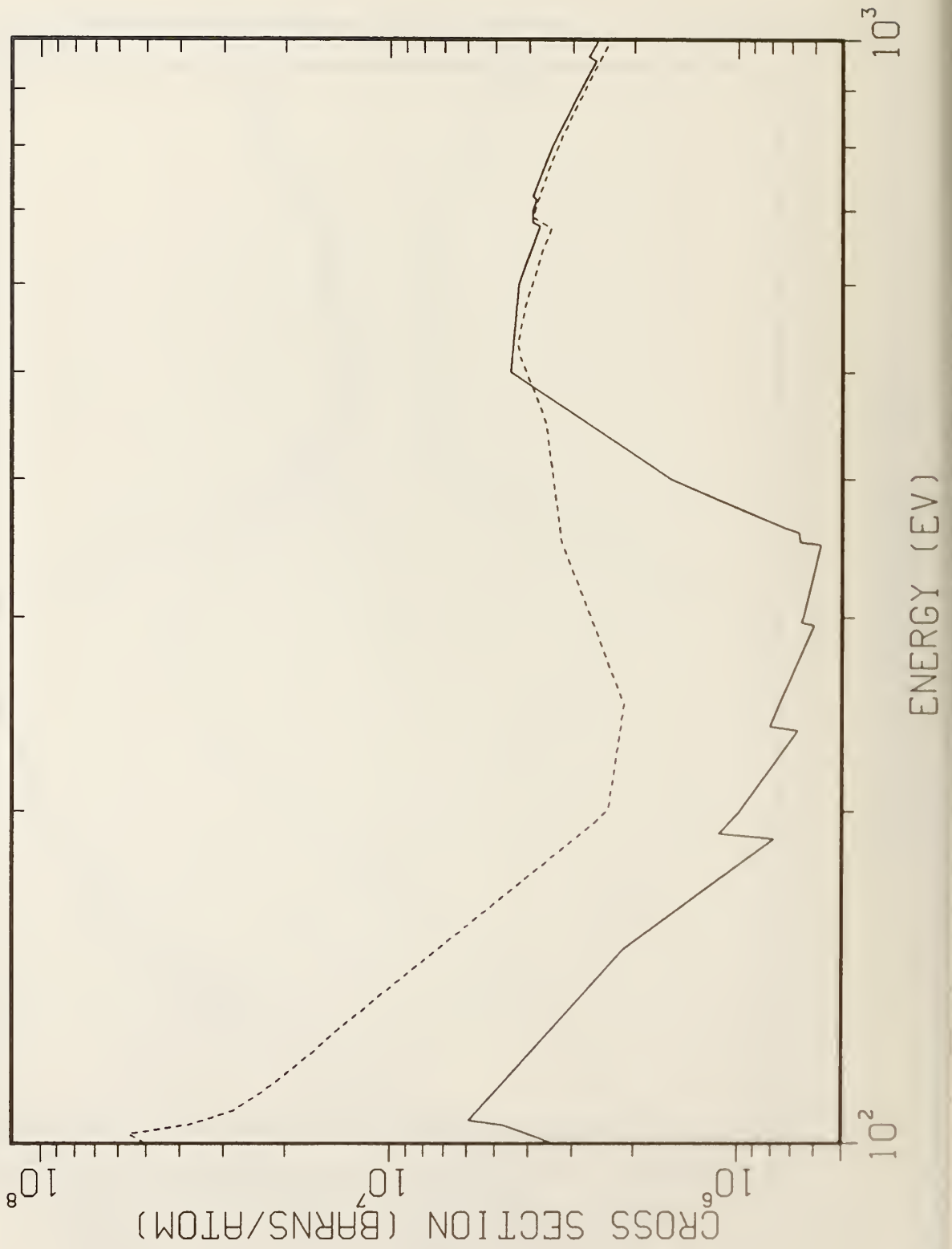
ATOMIC NUMBER 88

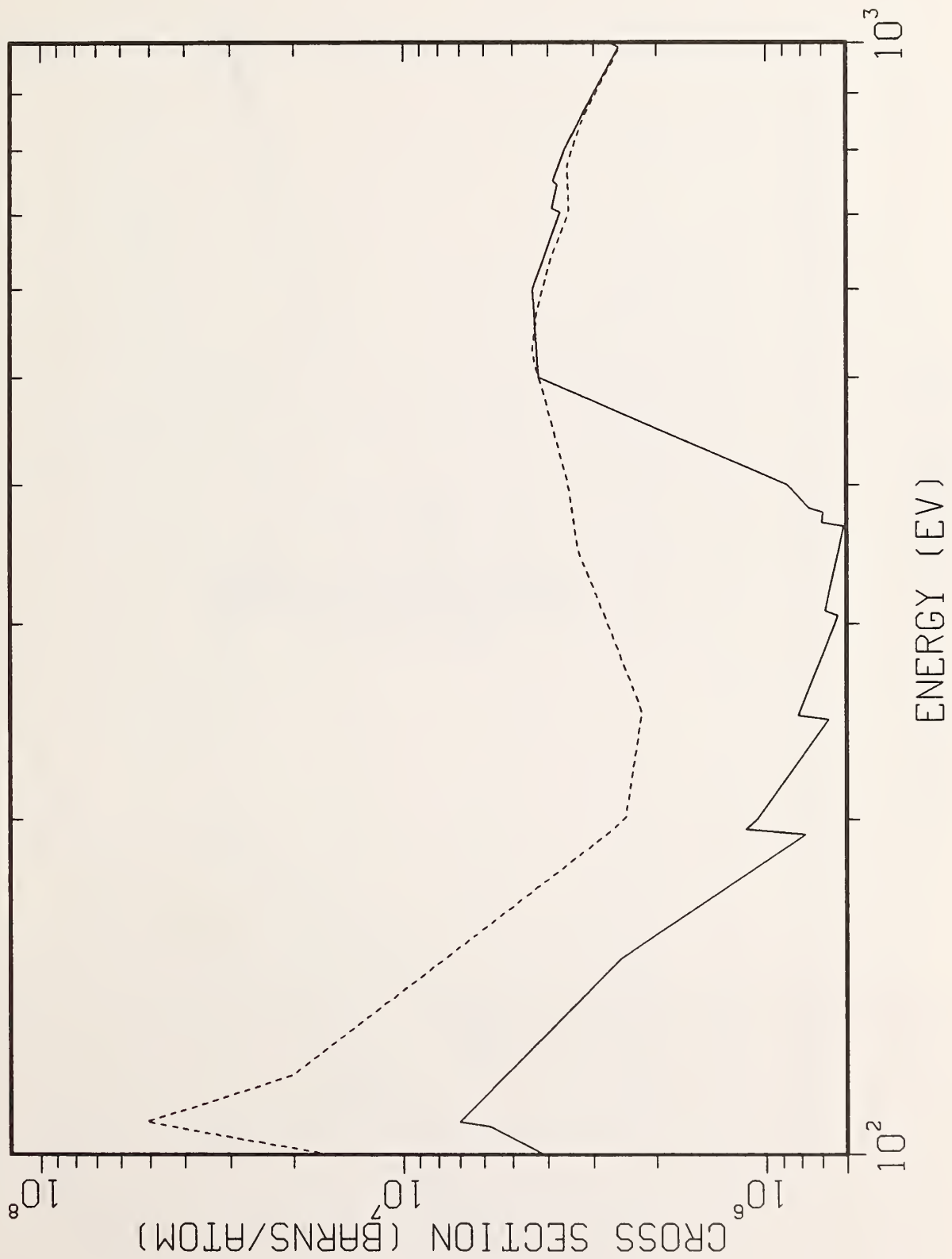


ATOMIC NUMBER 89



ATOMIC NUMBER 90





# ATOMIC NUMBER 92

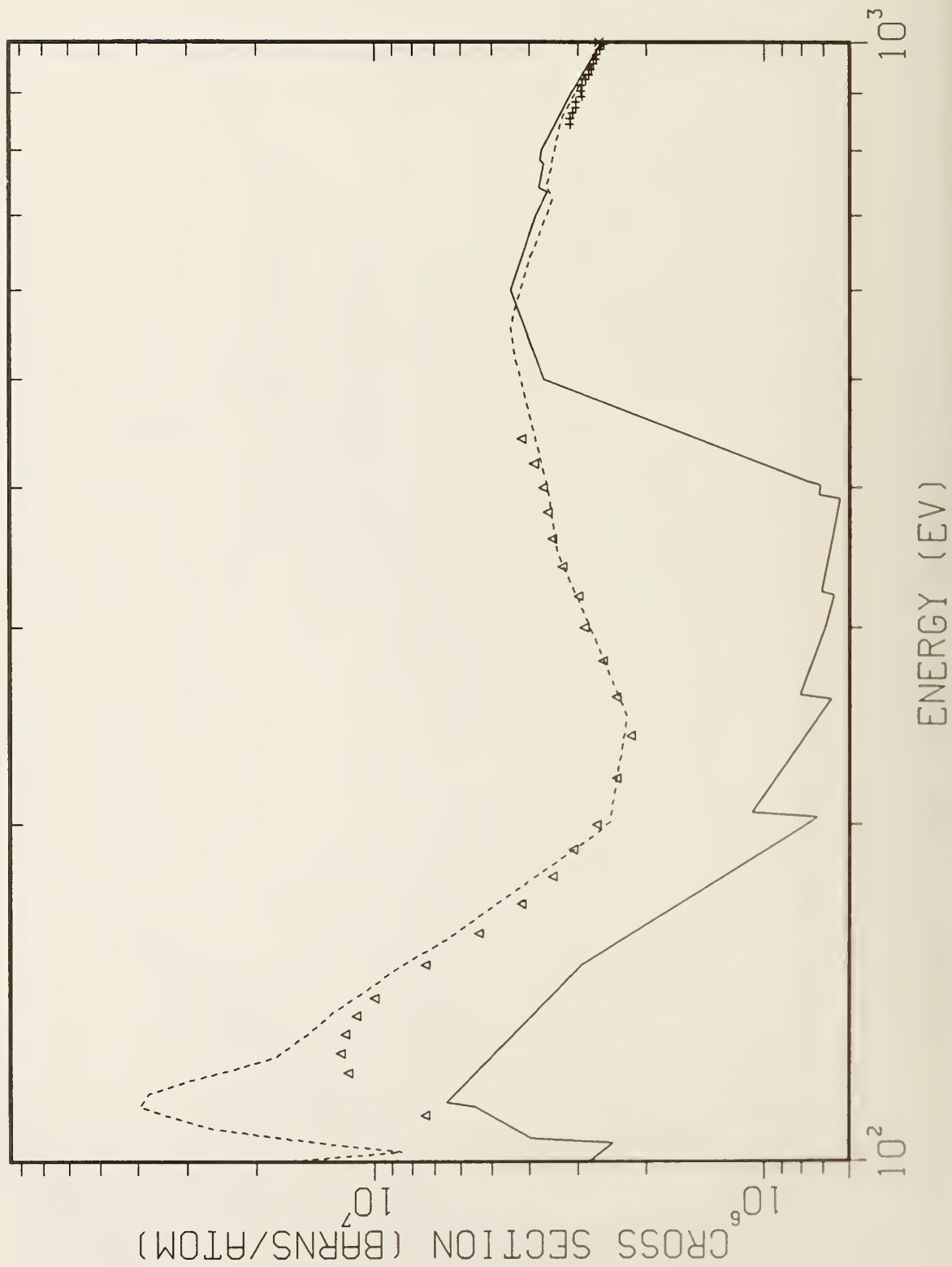




TABLE 3B  
INDEX TO THE FIGURES  
COVERING THE ENERGY RANGE  
1.0-10.0 KEV

Z	N	MSET	REF	NTAL
1	1	42	66BE1	6
1	2	43	34AL1	4
1	3	44	70MC1	1

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2	1	78	66BE1	6
2	2	79	70ME1	1

Z	N	MSET	REF	NTAL
3	1	85	69DE1	5
3	2	86	60GA1	5
3	3	87	65PR1	1
3	4	88	57OL1	1

Z	N	MSET	REF	NTAL
4	1	104	64CO3	5
4	2	105	69SE1	44
4	3	106	64OG1	2
4	4	107	64CO1	15
4	5	108	38AN1	19
4	6	109	66BE1	6
4	7	110	69DE1	8
4	8	111	53HU1	1
4	9	112	64KA1	1
4	10	113	76HA2	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
6	1	266	67HE1	2
6	2	269	68WE1	2
6	3	274	64OG1	2
6	4	275	66BE1	11
6	5	276	69SE1	44
6	6	277	30WO1	10
6	7	278	69DE1	9
6	8	279	38AN1	8
6	9	280	74MI1	7
6	10	281	26AL1	10
6	11	282	79PU1	4
6	12	283	9BA1	6
6	13	284	65WE1	2
6	14	285	34GR1	3
6	15	286	53HU1	2
6	16	287	55CH1	1
6	17	288	75CA1	1
6	18	289	58ER1	1
6	19	290	58BA1	1
6	20	291	79BE1	5
6	21	292	39WR1	3
6	22	2089	83GEO1	6

6	23	2098	81RA01	2
Z	N	MSET	REF	NTAL
7	1	367	67HE1	2
7	2	372	66BE1	11
7	3	373	30W01	10
7	4	374	74MI1	7
7	5	375	65WE1	2
7	6	376	32CR1	1
Z	N	MSET	REF	NTAL
8	1	398	67HE1	2
8	2	403	64OG1	2
8	3	404	76BO1	64
8	4	405	66BE1	11
8	5	406	30W01	11
8	6	407	31SP1	4
8	7	408	74MI1	7
8	8	409	65WE1	2
8	9	410	37CA1	4
8	10	411	32CR1	2
Z	N	MSET	REF	NTAL
9	1	426	67HE1	2
9	2	428	64OG1	2
9	3	429	73MI1	7
9	4	430	77CR1	1
9	5	431	39WR1	3
Z	N	MSET	REF	NTAL
10	1	444	67HE1	2
10	2	447	69WU1	174
10	3	448	66BE1	11
10	4	449	30W01	11
10	5	450	74MI1	7
10	6	451	70MC2	3
10	7	452	30CO1	3
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
12	1	1	59DE1	3
12	2	3	79LA1	2
12	3	24	64CO3	2
12	4	25	9BA1	6
12	5	26	74MI1	7
12	6	27	64KA1	1
12	7	33	57BA1	4
Z	N	MSET	REF	NTAL
13	1	471	67ER2	5
13	2	472	67ER1	3
13	3	477	36BA1	3

13	4	478	64CO3	5
13	5	479	66BE1	11
13	6	480	64CO3	4
13	7	481	64OG1	2
13	8	482	36BI1	13
13	9	483	28JO1	17
13	10	484	75SH1	9
13	11	485	66HU1	24
13	12	486	74SI1	3
13	13	487	70LU1	11
13	14	488	38AU1	17
13	15	489	68HO1	18
13	16	490	11WH1	1
13	17	491	76SE1	44
13	18	492	28HO1	1
13	19	493	80HE1	3
13	20	494	69EH1	12
13	21	495	26AL1	28
13	22	496	66HE1	8
13	23	497	73MI1	7
13	24	498	74PA1	4
13	25	499	79PU1	4
13	26	500	9BA1	6
13	27	501	65CO1	4
13	28	502	30CO1	3
13	29	503	34GR1	4
13	30	504	29BA1	7
13	31	505	7BA1	5
13	32	506	32CR1	2
13	33	507	60JA1	2
13	34	508	53HU1	2
13	35	509	59HO1	2
13	36	510	69AL1	1
13	37	511	10CH1	1
13	38	512	69RA1	1
13	39	513	70IN1	1
13	40	514	64KA1	1
13	41	515	58DE1	3
13	42	516	74KI1	1
13	43	517	79LA1	2
13	44	518	78DE1	1
13	45	2099	81RAO1	2

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14	1	625	69HI1	4
14	2	626	64LE1	1
14	3	627	77LA1	1
14	4	628	73GI1	1
14	5	629	69AL1	1
14	6	630	74MI1	3
14	7	631	74HA1	1

Z	N	MSET	REF	NTAL
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16	3	654	69LA1	1
16	4	655	79PU1	3
16	5	656	3OCO1	3
16	6	657	39HA2	5
16	7	664	74MI1	7

Z	N	MSET	REF	NTAL
17	1	678	67HE1	2
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17	3	680	74MI1	7
17	4	681	3OCO1	3
17	5	682	39HA2	5

Z	N	MSET	REF	NTAL
18	1	697	63LU1	5
18	2	699	67HE1	2
18	3	703	69WU1	175
18	4	704	66BE1	11
18	5	705	3OWO1	12
18	6	706	31SP1	8
18	7	707	75LO1	8
18	8	708	62SC1	27
18	9	709	74MI1	7
18	10	710	70MC2	3
18	11	711	3OCO1	3
18	12	712	62BU1	3
18	13	713	32CR1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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21	2	2100	81RAO1	2

Z	N	MSET	REF	NTAL
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22	2	753	69DE1	3
22	3	754	53HU1	1
22	4	755	64KA1	1
22	5	756	59DE1	5
22	6	740	67ER1	4
22	7	741	67ER2	3
22	8	744	72MC1	3
22	9	746	74SI1	3
22	10	747	66HU1	17
22	11	748	67CA1	13

22	12	749	68HO1	15
22	13	750	69DA1	11
22	14	751	60EH1	11

Z	N	MSET	REF	NTAL
23	1	771	67CR1	3
23	2	775	67CA1	12
23	3	776	68HO1	14
23	4	777	69DA1	9
23	5	778	65CO1	4
23	6	779	74PA1	5
23	7	780	53HU1	1

Z	N	MSET	REF	NTAL
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24	2	791	67ER2	3
24	3	795	59HO1	6
24	4	796	64KA1	1

Z	N	MSET	REF	NTAL
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26	3	819	26AL1	23
26	4	822	69DA1	8
26	5	823	60EH1	9
26	6	824	69DE1	9
26	7	825	9BA1	6
26	8	826	65CO1	4
26	9	827	7BA1	5
26	10	828	59BA1	1
26	11	829	32MA1	7
26	12	830	69AL1	1
26	13	831	64KA1	1
26	14	832	59DE1	3
26	15	818	71DE1	207

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27	2	875	68HO1	10
27	3	876	65CO1	2
27	4	877	59HO1	7
27	5	878	64KA1	1

Z	N	MSET	REF	NTAL
28	1	893	67ER2	4
28	2	895	28JO1	19
28	3	896	79LU1	8
28	4	897	67CA1	12
28	5	898	66HU1	15
28	6	899	74SI1	2
28	7	900	68HO1	13



28	8	901	60CH1	11
28	9	902	26AL1	6
28	10	905	69DA1	8
28	11	906	9BA1	6
28	12	907	65CO1	4
28	13	908	41LA1	8
28	14	909	34GR1	4
28	15	910	32MA1	6
28	16	911	59HO1	6
28	17	912	53HU1	1
28	18	913	64KA1	1
28	19	914	59DE1	5
28	20	2101	81RA01	2

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29	1	935	64CO3	5
29	2	938	28JO1	20
29	3	939	70OR1	21
29	4	940	66HU1	21
29	5	943	60EH1	12
29	6	941	80HE1	4
29	7	942	62DY1	29
29	8	944	74SI1	2
29	9	945	68HO1	15
29	10	946	38AN1	10
29	11	947	26AL1	7
29	12	950	69DA1	6
29	13	951	74PA1	4
29	14	952	77MU1	3
29	15	953	9BA1	6
29	16	954	67BA1	2
29	17	955	65CO1	4
29	18	956	79PU1	3
29	19	957	41LA1	8
29	20	958	59HO1	11
29	21	959	29BA1	8
29	22	960	59BA2	1
29	23	961	77SH1	1
29	24	962	74MA1	3
29	25	963	7BA1	5
29	26	964	32MA1	9
29	27	965	34GR1	4
29	28	966	69DE1	6
29	29	967	71GH1	1
29	30	968	64KA1	1
29	31	969	66BE1	2
29	32	970	59DE1	5
29	33	971	63SO1	22
29	34	972	70KU1	12
29	35	973	31CO1	11

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30	1	1062	72KY1	1

30	2	1063	67CA1	11
30	3	1064	60EH1	11
30	4	1065	74SI1	1
30	5	1066	26AL1	20
30	6	1069	69DE1	6
30	7	1070	9BA1	6
30	8	1071	74MA1	1
30	9	1072	7BA1	5
30	10	1073	59HO1	6
30	11	1074	32MA1	9
30	12	1075	65ME1	1
30	13	1076	71GH1	1
30	14	1077	31CO1	10

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32	2	1107	68EF1	6
32	3	1108	73HI1	8
32	4	1109	69GR1	9
32	5	1110	69HI1	4
32	6	1111	62BA3	1
32	7	1112	61BO1	1
32	8	1113	64BA1	1

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34	1	1129	36BI1	13
34	2	1130	36SC1	4
34	3	1131	73HR1	3

Z	N	MSET	REF	NTAL
35	1	1138	39HA2	5

Z	N	MSET	REF	NTAL
36	1	1151	67HE1	2
36	2	1153	69WU1	178
36	3	1154	70MC2	3

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
40	1	1165	66HU1	13
40	2	1166	60EH1	7
40	3	1167	77MU1	2
40	4	1168	77RA2	2



40	5	1169	74MA1	2
40	6	1170	68HO1	5
40	7	1171	69DE1	3
40	8	1172	53HU1	1
40	9	1173	64KA1	1
40	10	1174	61SW1	3

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41	1	1189	68HO1	14
41	2	1190	66HU1	13
41	3	1191	66HE1	8
41	4	1192	61SW1	3
41	5	1193	74MA1	2

Z	N	MSET	REF	NTAL
42	1	1203	68HO1	10
42	2	1204	74PA1	5
42	3	1205	60EH1	5
42	4	1206	77SH1	1
42	5	1207	69DE1	7
42	6	1208	53HU1	1
42	7	1209	64KA1	1
42	8	1210	61SW1	3
42	9	1211	59DE1	3

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Z	N	MSET	REF	NTAL
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45	2	1236	64KA1	1

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46	2	1240	62NO1	111
46	3	1241	64KA1	1
46	4	1242	59DE1	2

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47	1	1254	64CO3	6
47	2	1256	36BI1	13
47	3	1257	28JO1	19
47	4	1258	75LU1	1
47	5	1259	38AN1	18
47	6	1260	68HO1	16
47	7	1261	60EH1	11
47	8	1262	66HU1	12
47	9	1263	33WO1	13
47	10	1264	26AL1	24
47	11	1267	61NO1	172
47	12	1268	9BA1	6
47	13	1269	36SC1	4

47	14	1270	29BA1	14
47	15	1271	74MA1	2
47	16	1272	7BA1	5
47	17	1273	69DE1	2
47	18	1274	59DE1	3
47	19	1275	77MU1	1
47	20	1276	77RA2	1
47	21	1277	32MA1	4
47	22	2103	81RA01	2

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48	1	1313	36BI1	13
48	2	1314	62NO2	181
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48	5	1317	60MA1	3
48	6	1318	59DE1	3

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49	1	1342	61NO2	133

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50	2	1351	68HO1	6
50	3	1352	61NO2	130
50	4	1353	60EH1	7
50	5	1354	69DE1	9
50	6	1355	9BA1	6
50	7	1356	79PA1	5
50	8	1358	7BA1	5
50	9	1357	74MA1	4
50	10	1359	26AL1	7
50	11	1362	66BE1	2
50	12	1363	53HU1	1
50	13	1364	31KU1	2
50	14	1365	41LA1	4
50	15	1367	32MA1	5
50	16	1366	34GR1	2

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52	1	1435	36BI1	16
52	2	1436	61NO2	171
52	3	1437	36SC1	2

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53	1	1442	39HA2	5

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54	1	1460	67HE1	2
54	2	1462	66LU1	3

54	3	1464	69WU1	182
54	4	1465	70MC2	3
54	5	1466	65WA1	36
54	6	1467	66GA1	8
54	7	1468	34WH1	1
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56	1	2087	82SCO1	2
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57	1	1481	69DE1	2
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58	1	1488	70OR1	12
Z	N	MSET	REF	NTAL
59	1	1496	69DA1	4
Z	N	MSET	REF	NTAL
60	1	1500	70OR1	22
Z	N	MSET	REF	NTAL
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62	1	1506	70OR1	23
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
64	1	1513	70OR1	23
64	2	1514	68HO1	10
64	3	1515	69DA1	6
64	4	2104	81RAO1	2
Z	N	MSET	REF	NTAL
Z	N	MSET	REF	NTAL
66	1	2105	81RAO1	2
Z	N	MSET	REF	NTAL
67	1	1528	70OR1	22
Z	N	MSET	REF	NTAL
68	1	1533	69DA1	7
Z	N	MSET	REF	NTAL
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70	1	1538	70OR1	22
70	2	1539	68CO1	62
70	3	1540	69DE1	1

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71	1	1545	68CO1	28

Z	N	MSET	REF	NTAL
72	1	1548	64KA1	1

Z	N	MSET	REF	NTAL
73	1	1557	68CO1	29
73	2	1558	68HO1	6
73	3	1559	66HU1	9
73	4	1560	74PA1	5
73	5	1561	66HE1	5
73	6	1562	69DE1	5
73	7	1563	53HU1	1

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74	1	1589	70LU1	7
74	2	1590	59DE1	3
74	3	1591	26AL1	2
74	4	1593	67DE1	3

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75	1	1624	76ST1	34

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Z	N	MSET	REF	NTAL

Z	N	MSET	REF	NTAL
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78	3	1632	68HO1	4
78	4	1633	29BA1	16
78	5	1634	7BA1	5
78	6	1635	9BA1	5
78	7	1636	26AL1	7
78	8	1639	59DE1	3

Z	N	MSET	REF	NTAL
79	1	1655	67ER1	2
79	2	1659	67ER2	3
79	3	1663	66HU1	33
79	4	1664	70LU1	12
79	5	1665	38AN1	16
79	6	1666	68HO1	15
79	7	1667	77ST1	31
79	8	1668	74PA1	7
79	9	1669	9KA1	6
79	10	1670	36SC1	4
79	11	1671	29BA1	12
79	12	1672	74MA1	4
79	13	1673	26AL1	4

79	14	1676	59DE1	3
79	15	1677	66BE1	2
79	16	1678	41LA1	3
79	17	1679	60MA1	3

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82	4	148	26AL1	7
82	5	149	36SE1	3
82	6	150	69DE1	7
82	7	151	74PA1	2
82	8	152	32KU1	1
82	9	145	66HU1	27

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83	1	1729	66HU1	30
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83	3	1731	34CA1	3

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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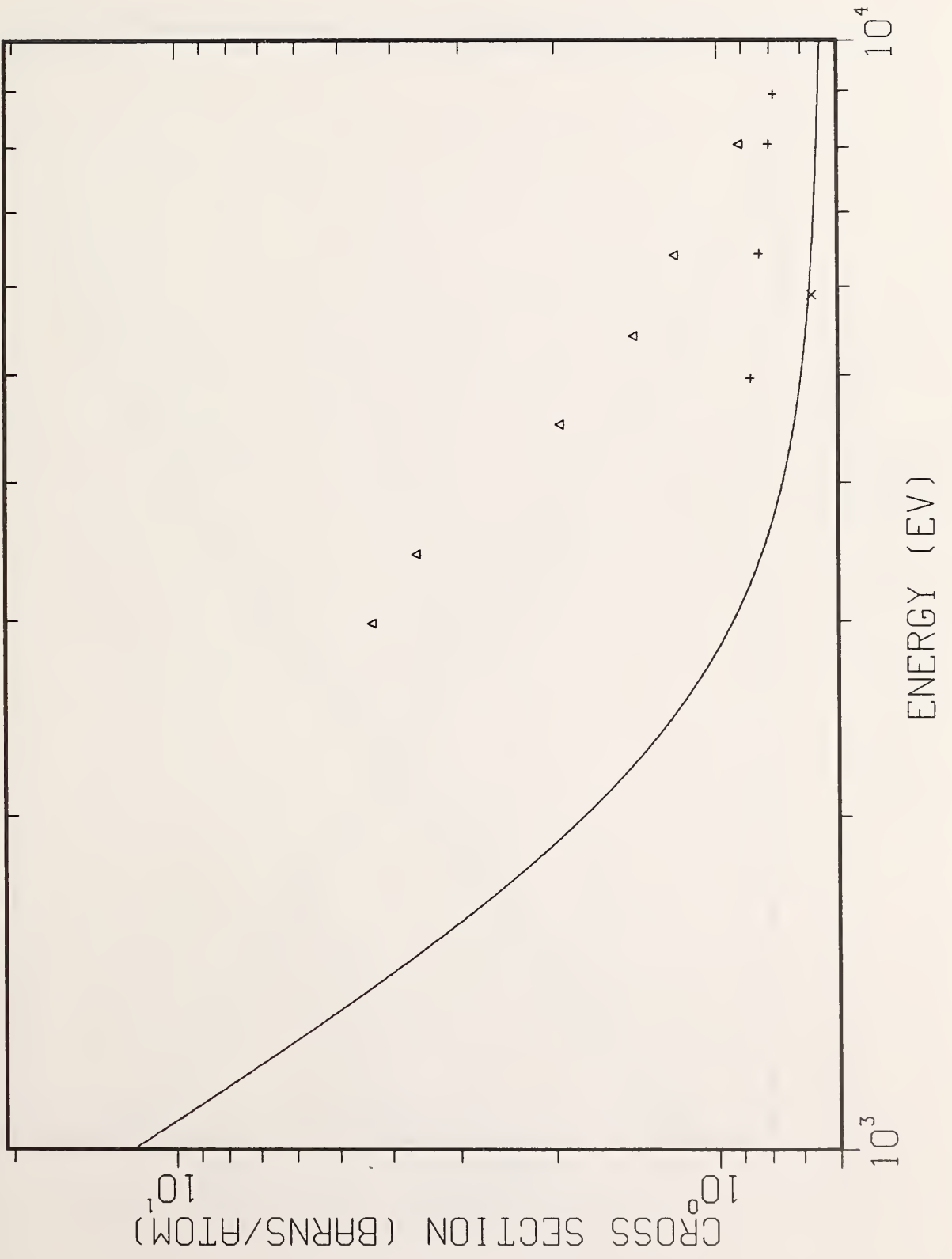
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92	4	1762	67BE1	14
92	5	1763	26AL2	21
92	6	1765	59RO1	8
92	7	1766	67PE1	1

92

8 1767 69DE1

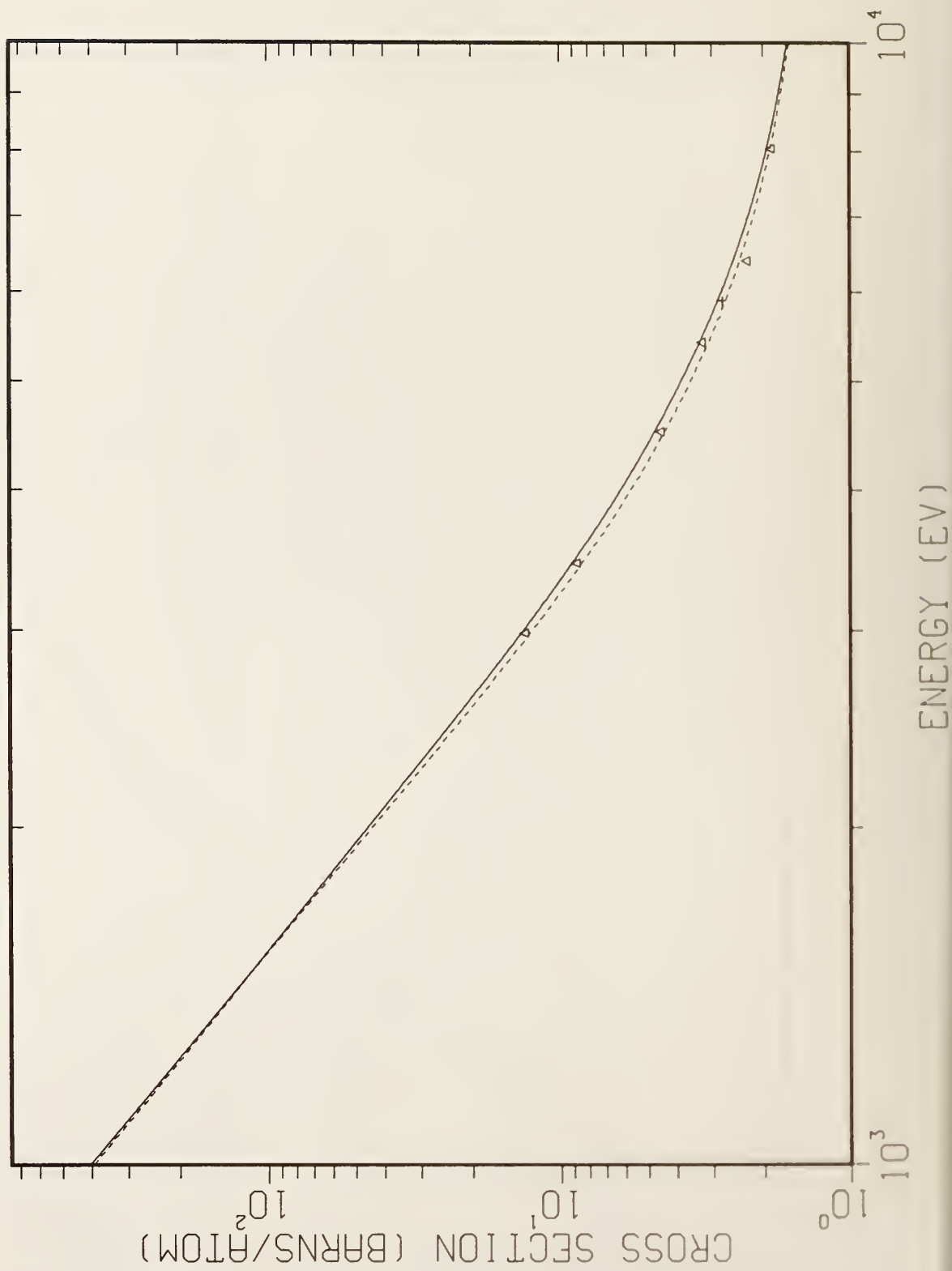
2

# ATOMIC NUMBER 1



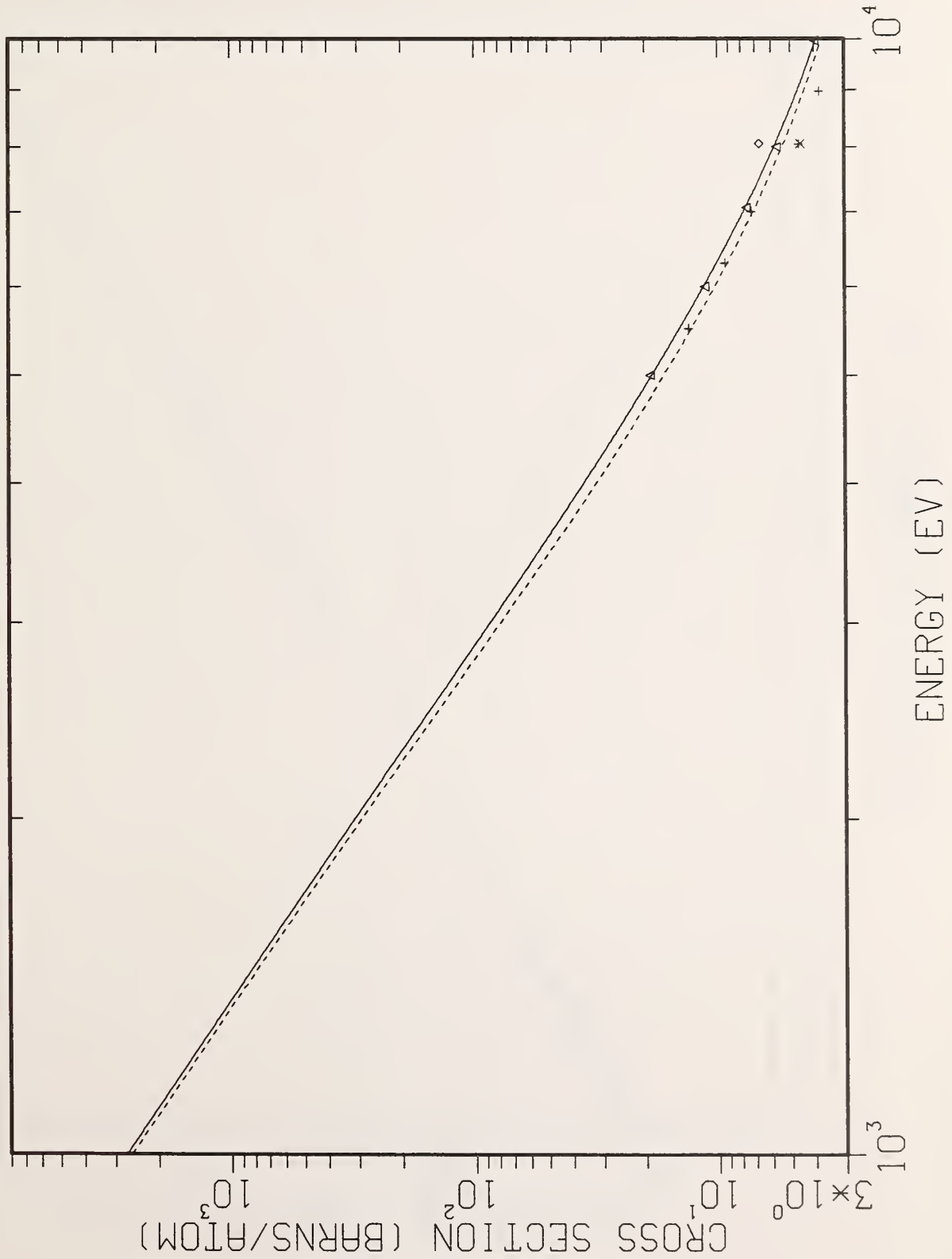


ATOMIC NUMBER 2

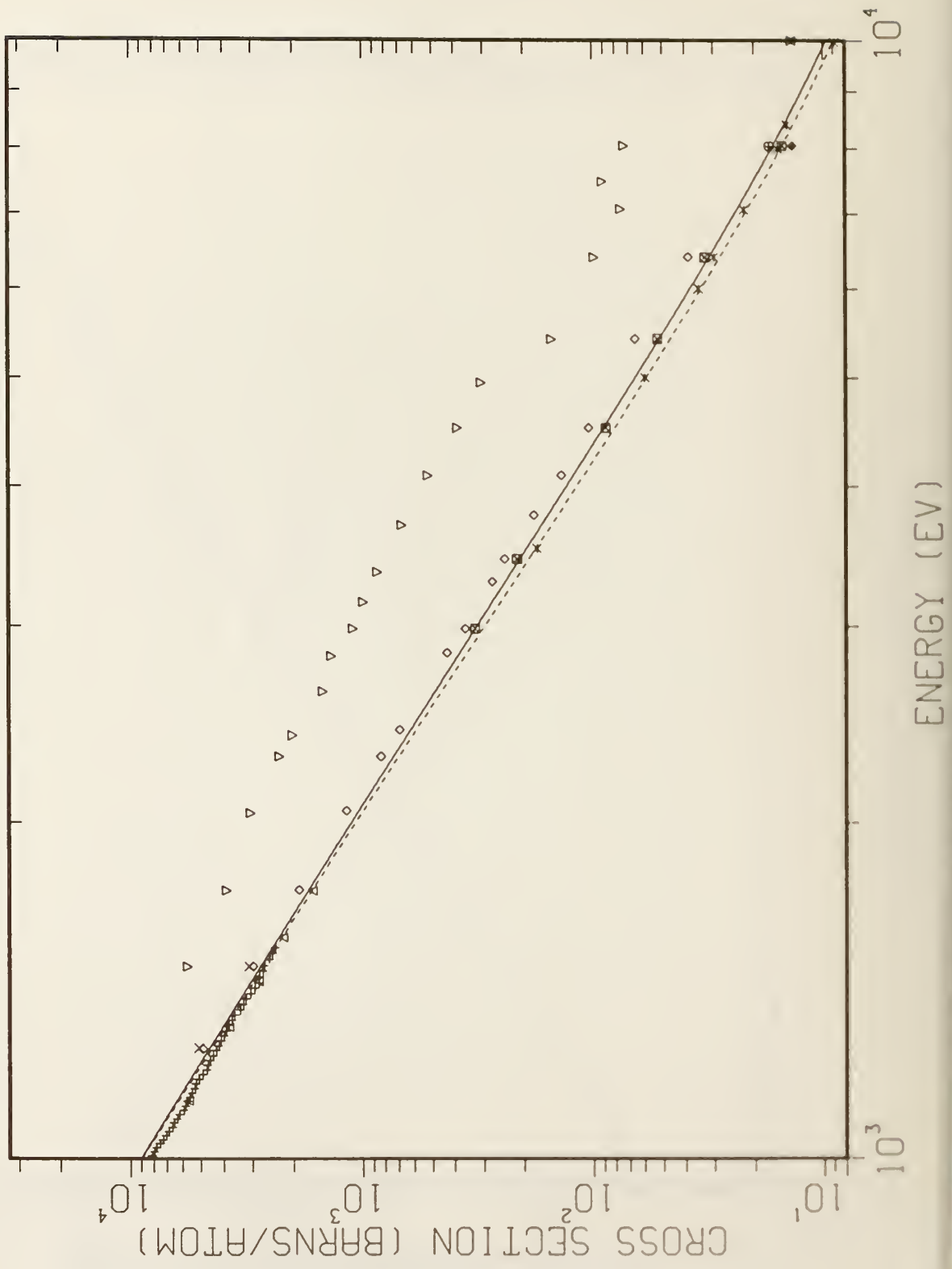




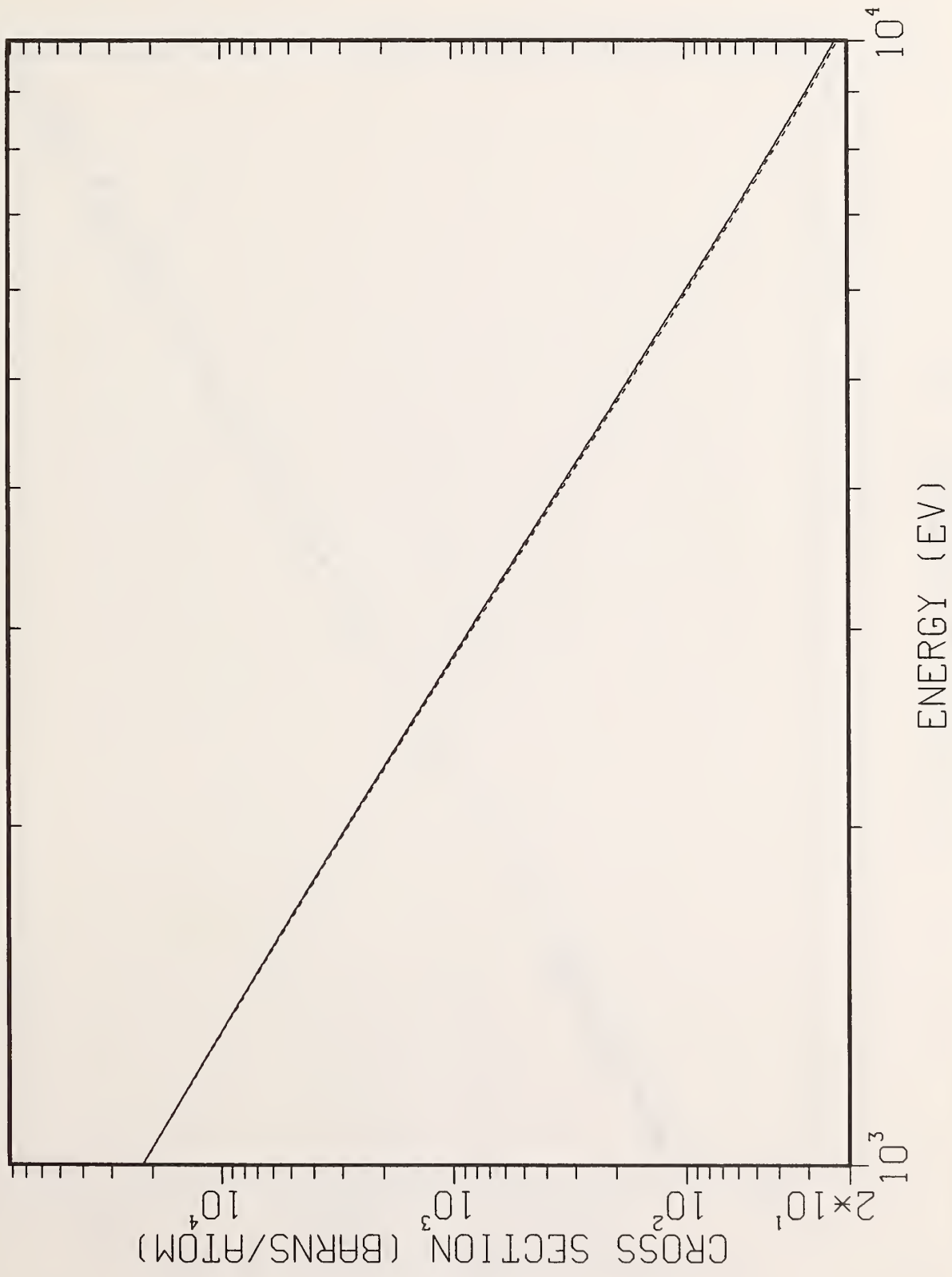
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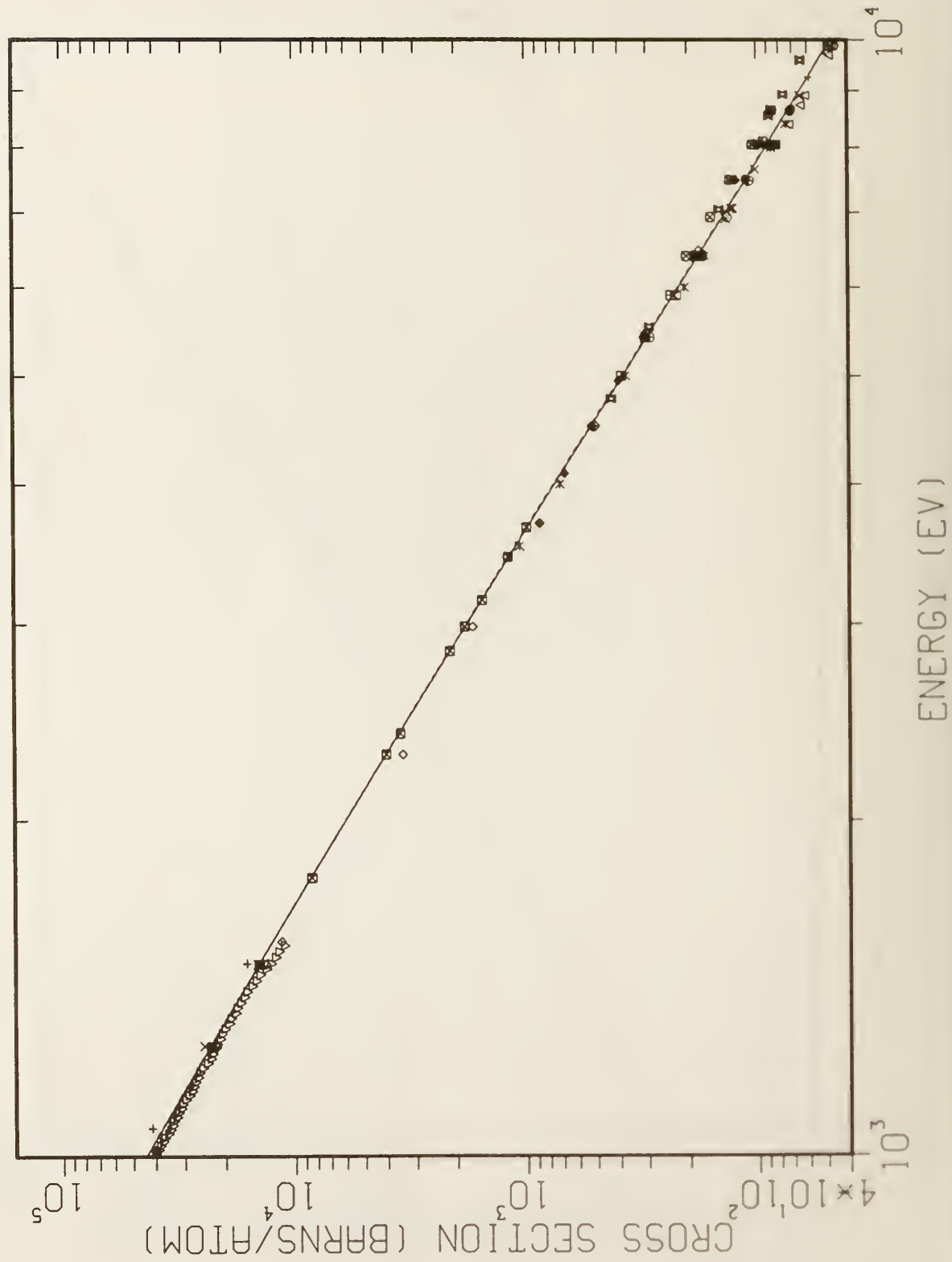
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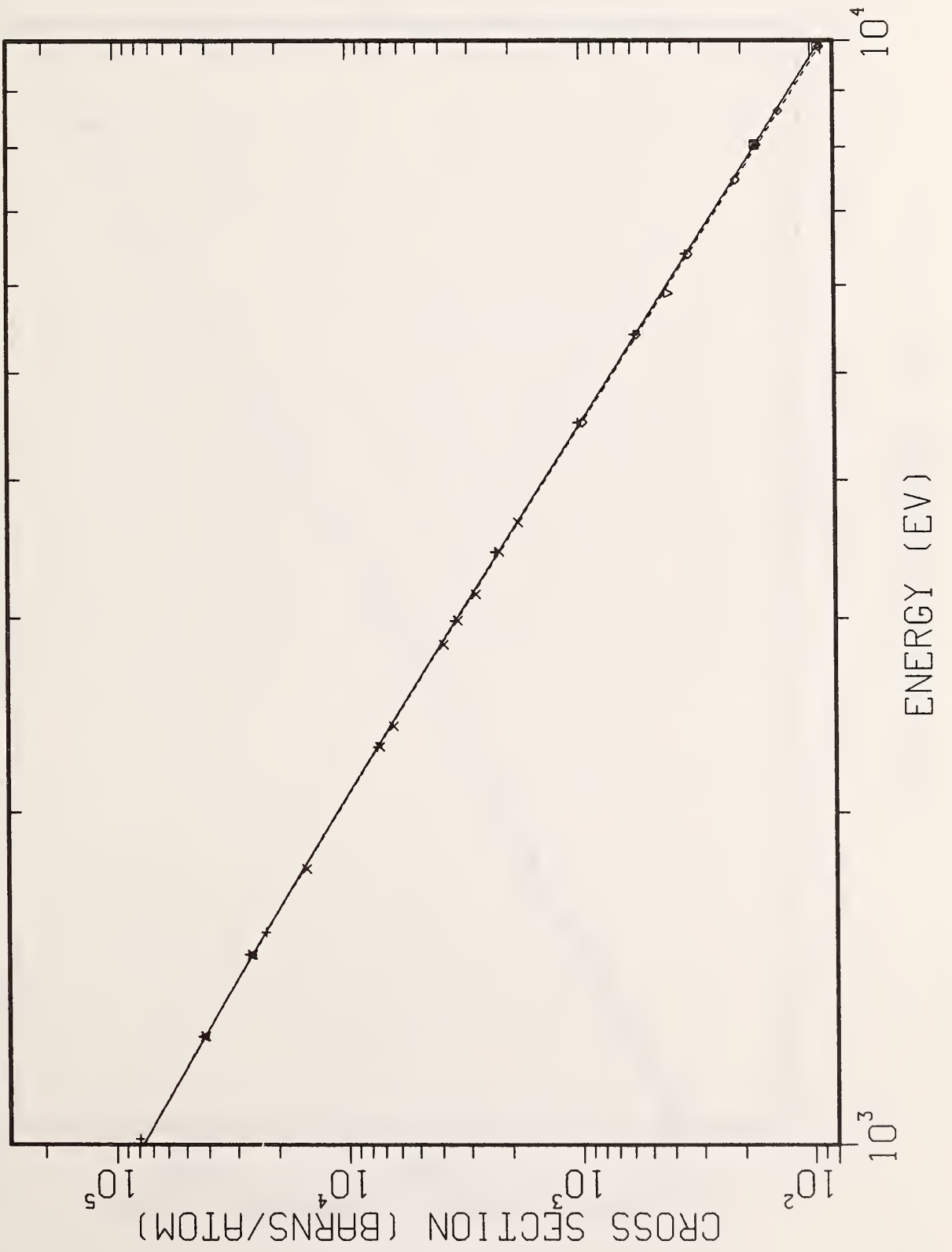


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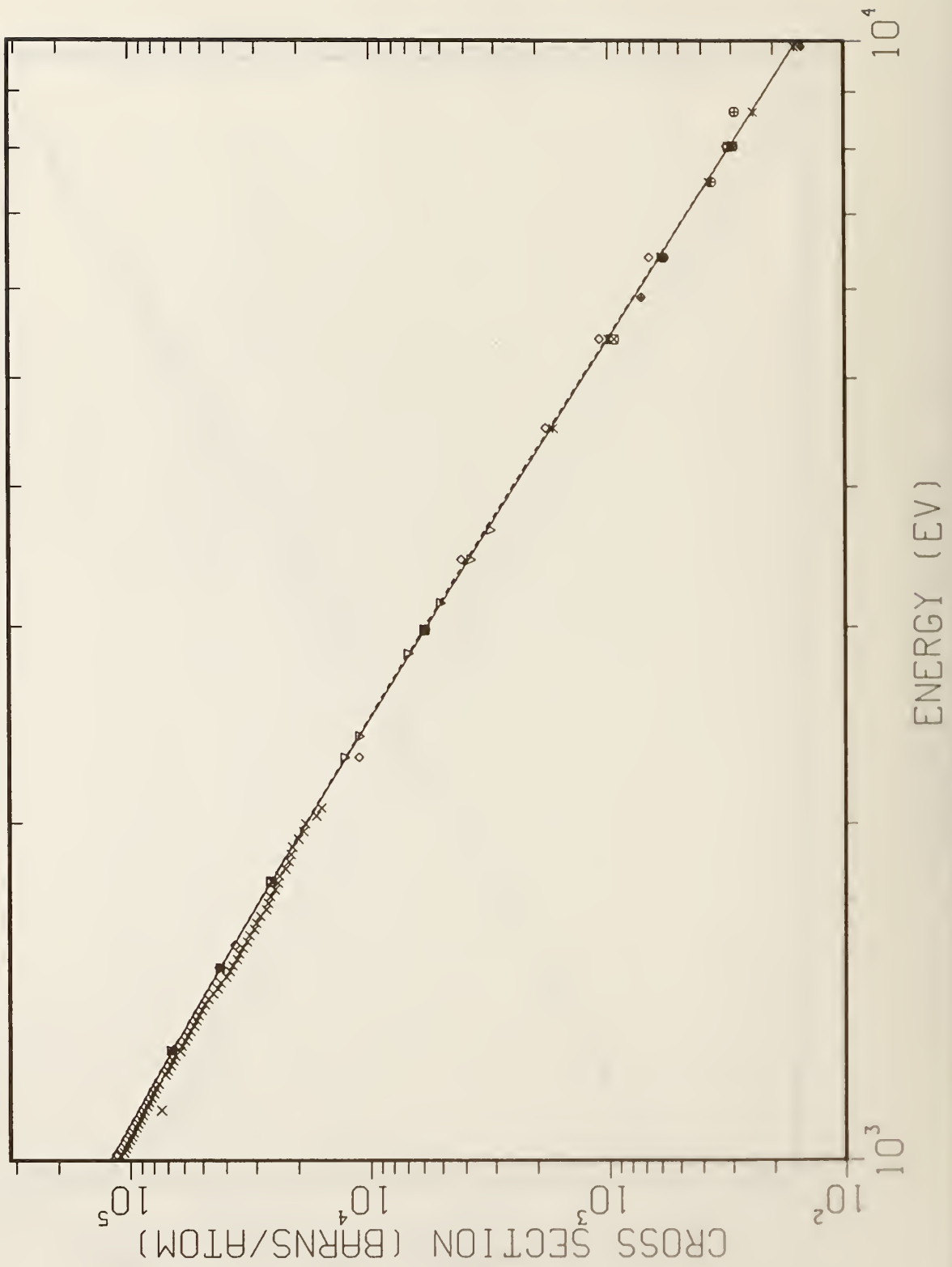


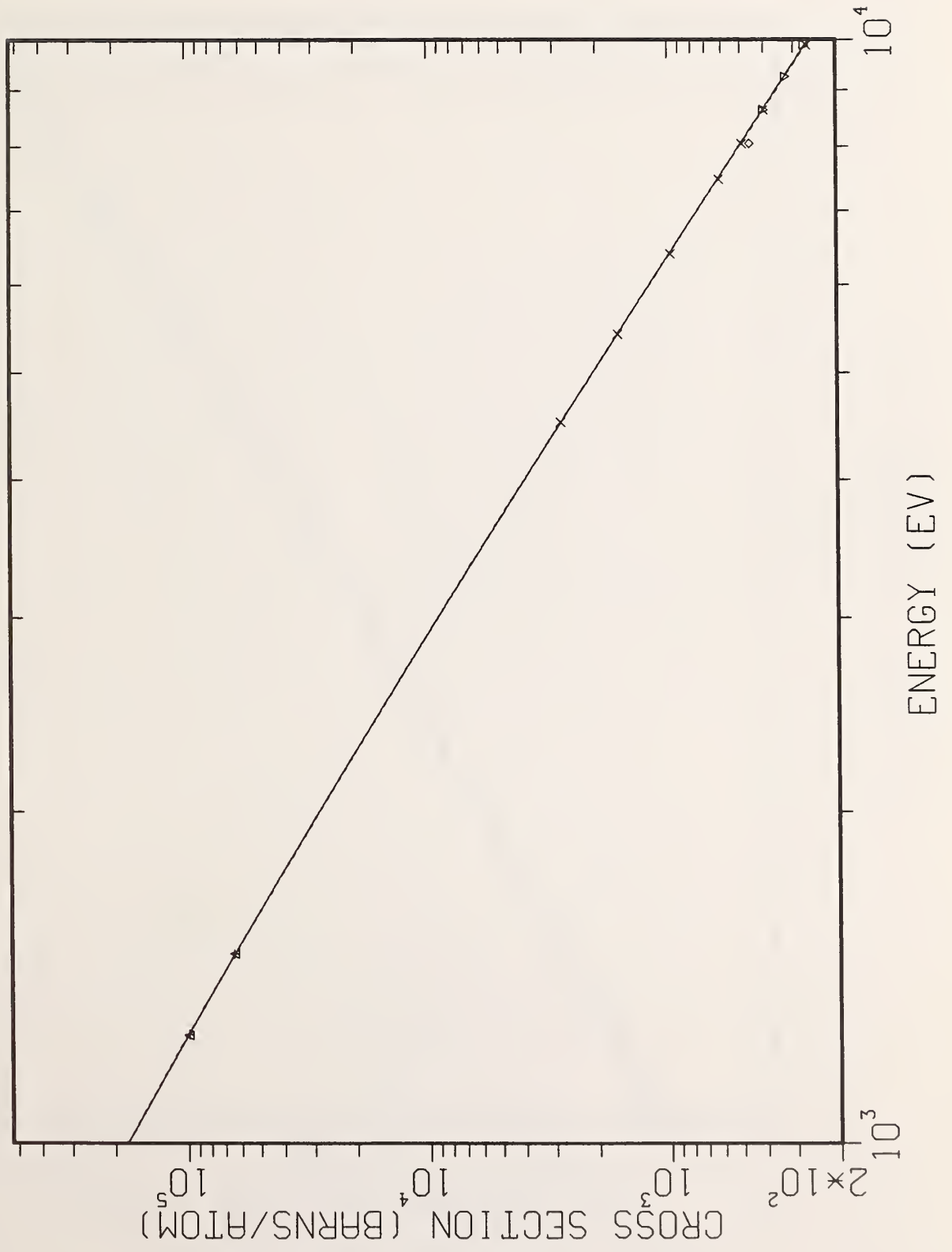
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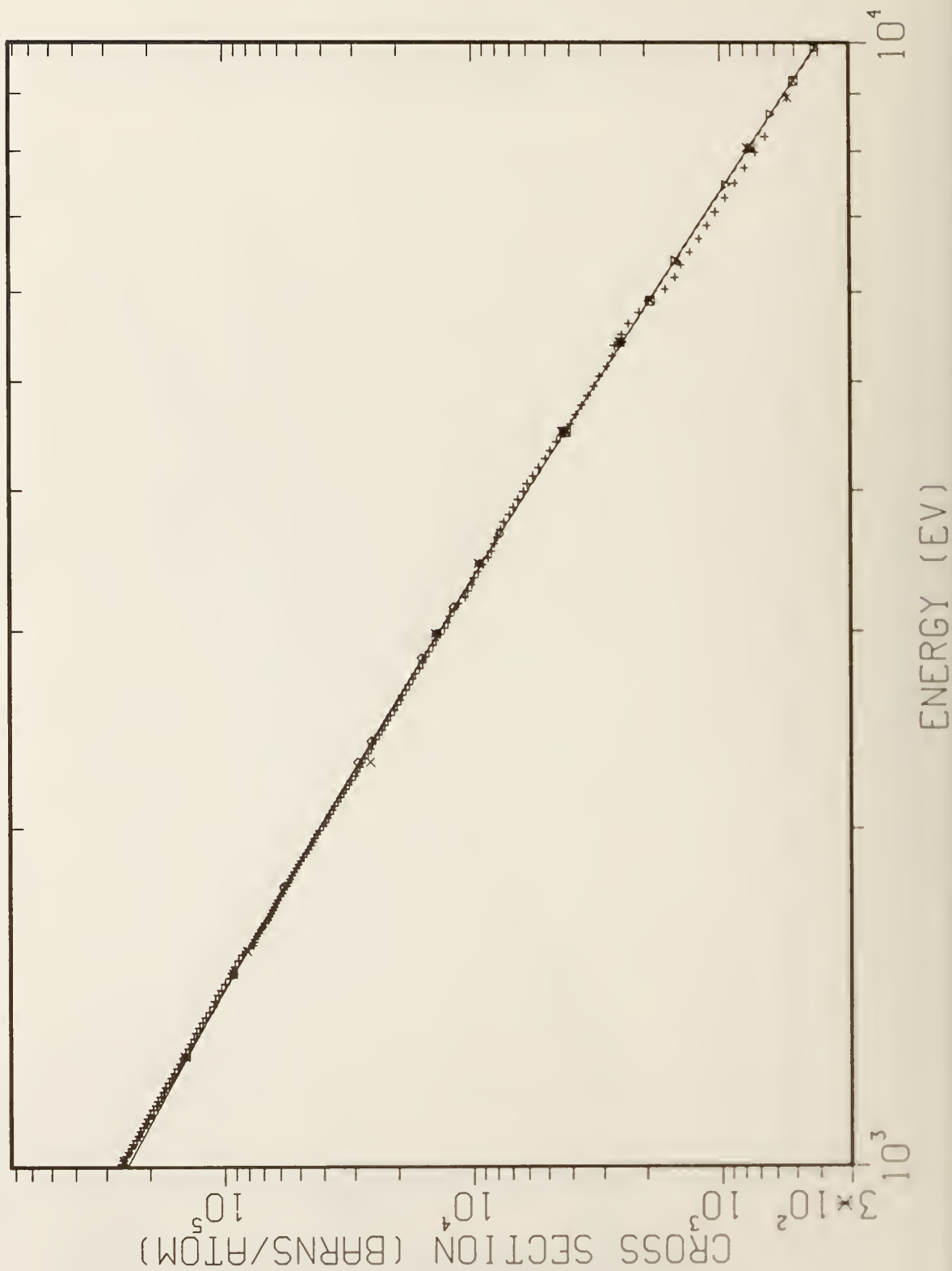


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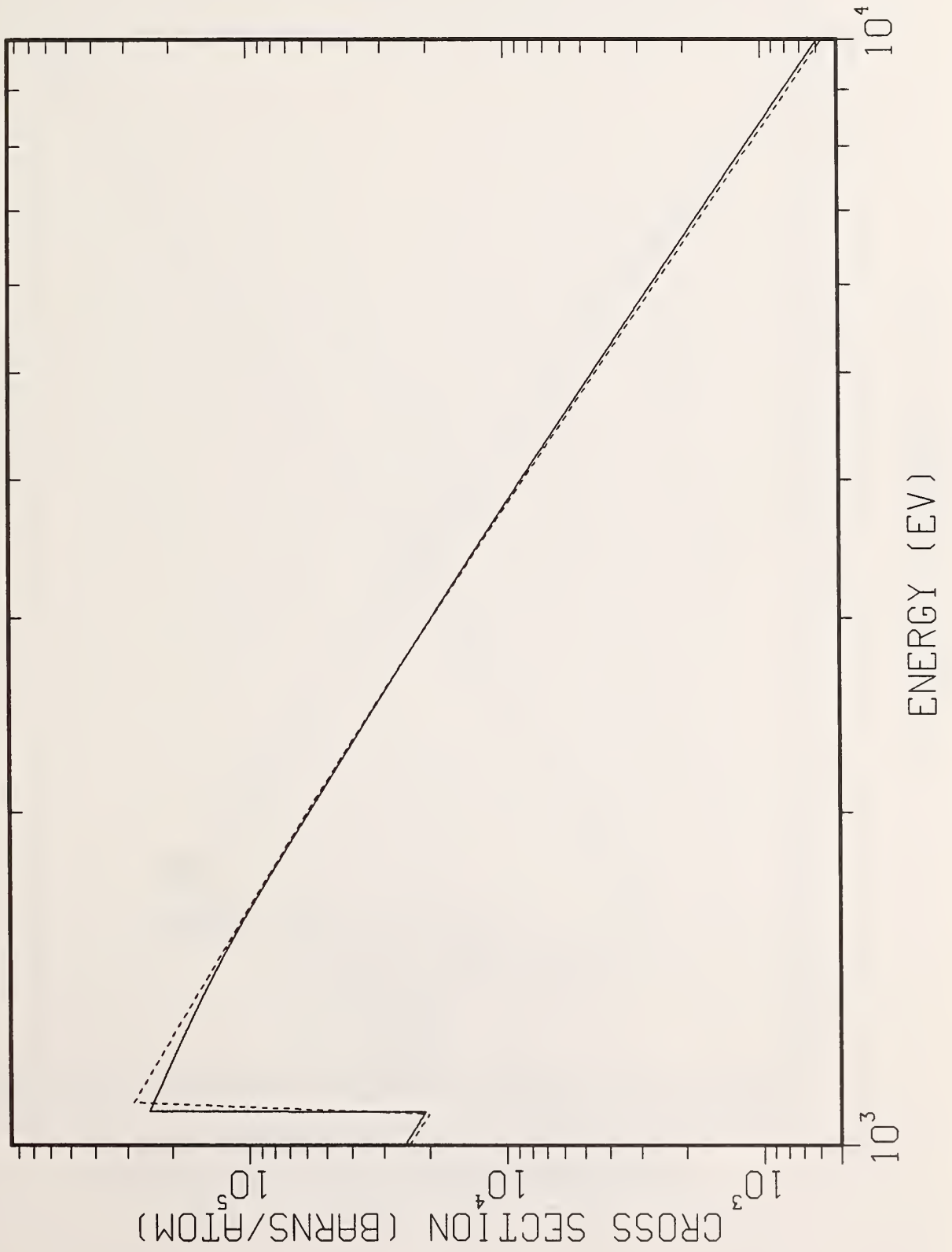




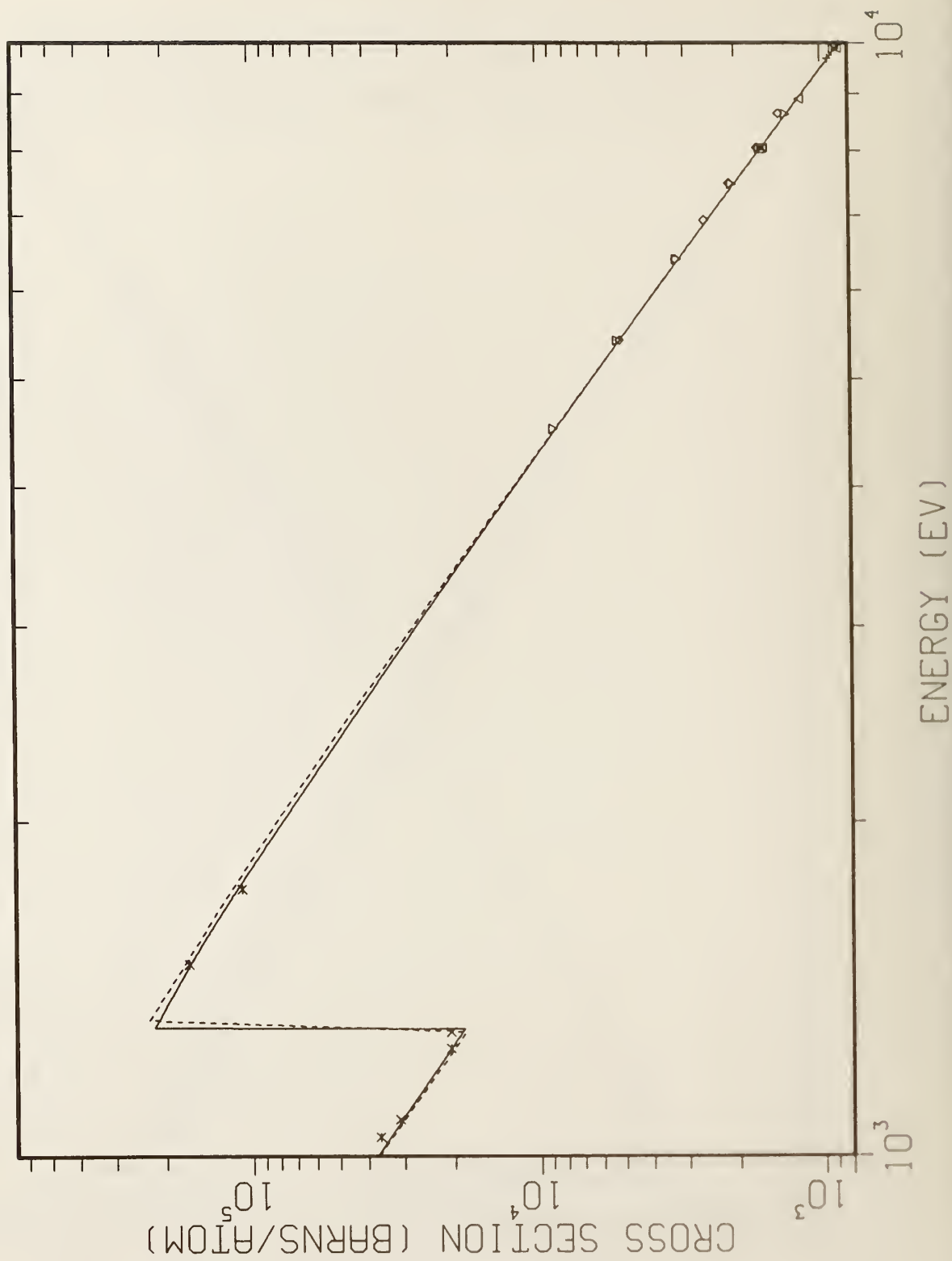
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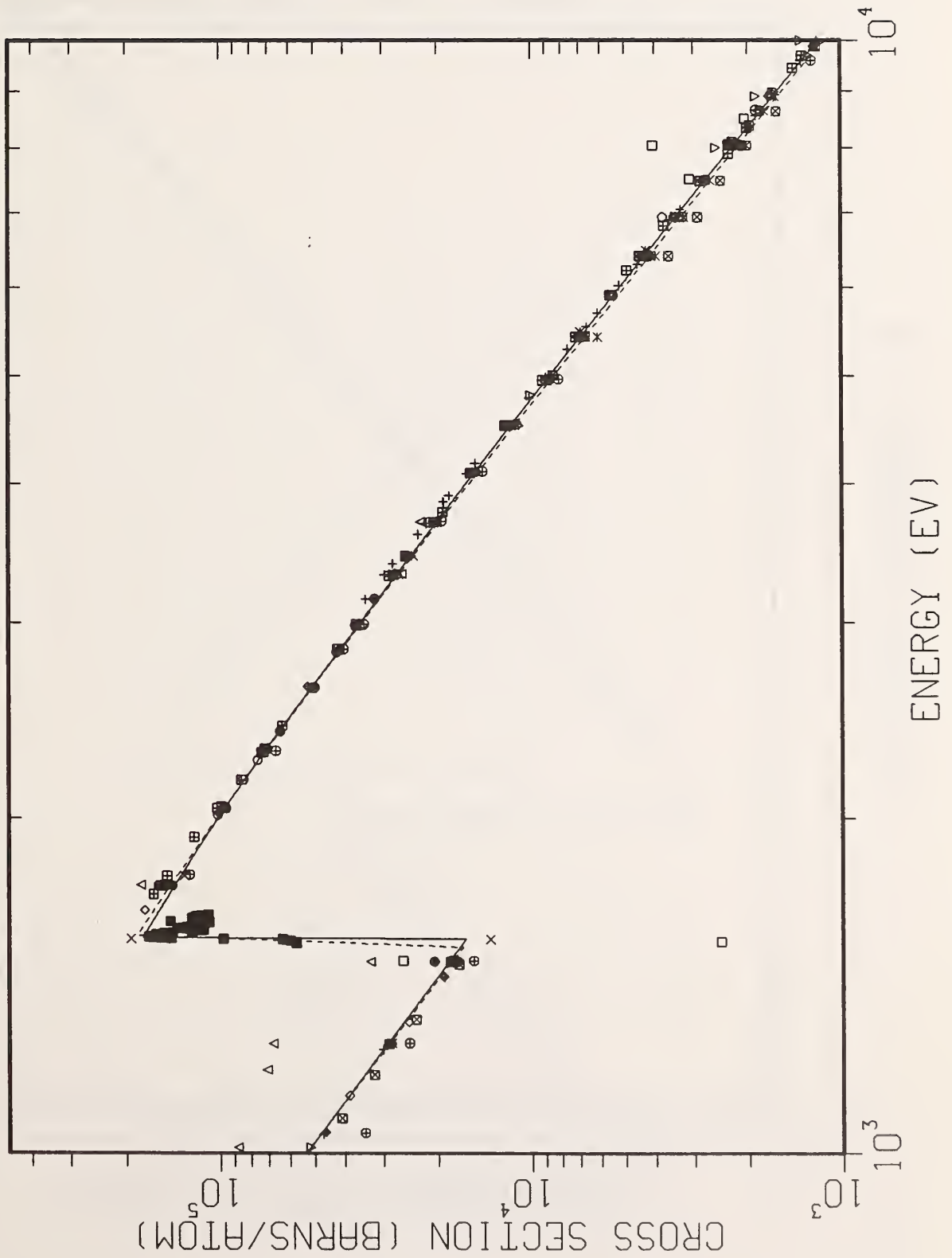




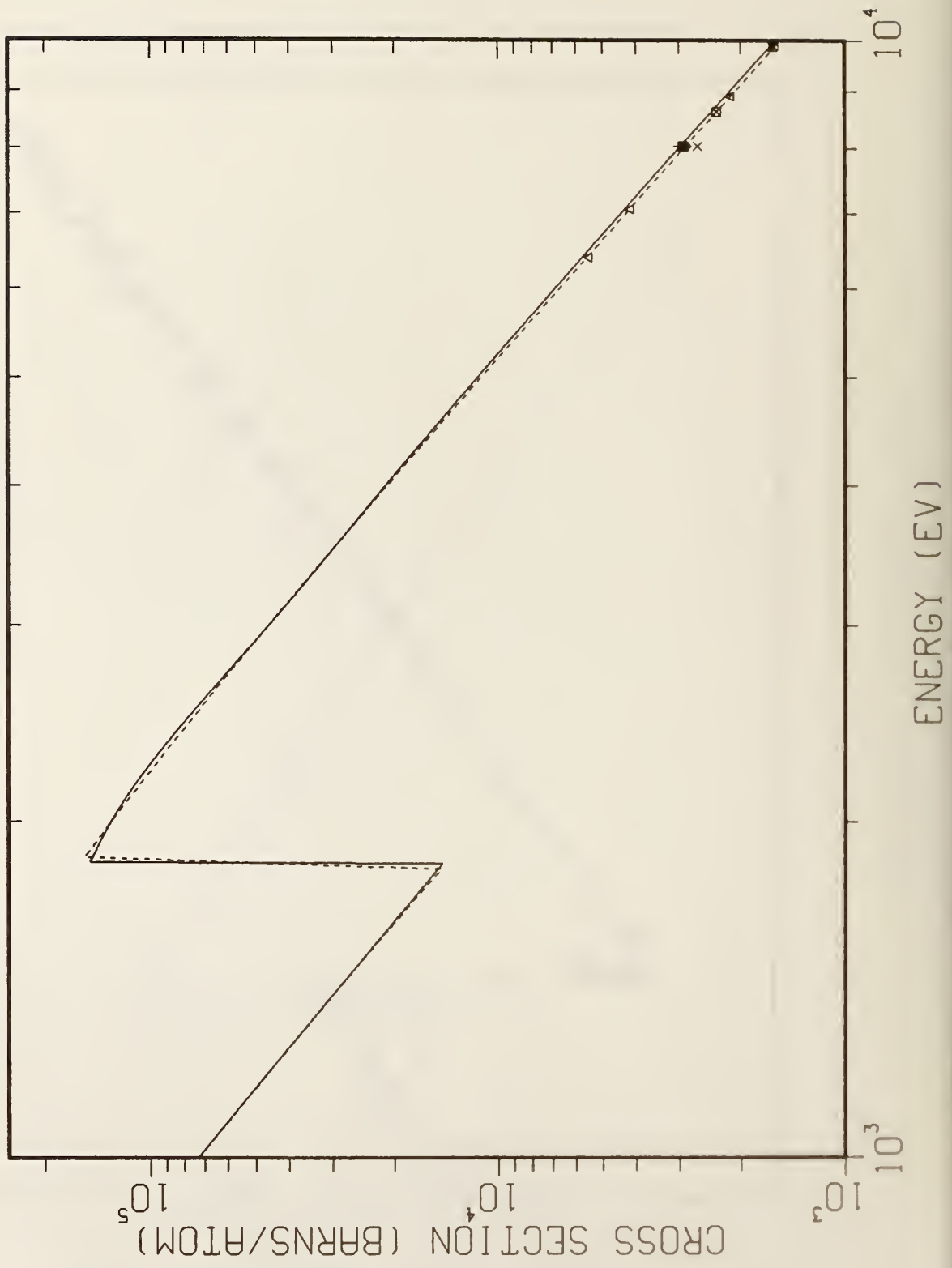


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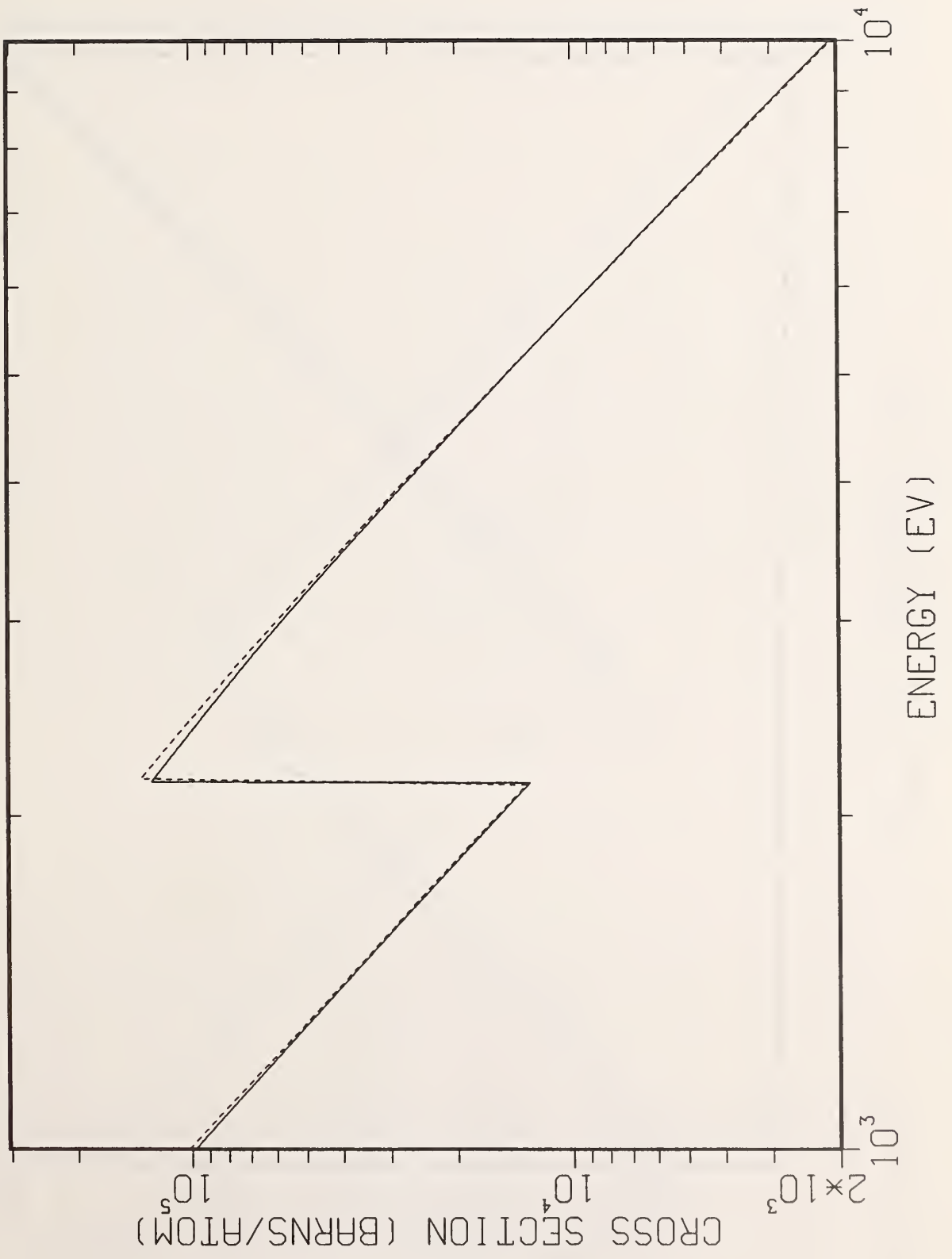




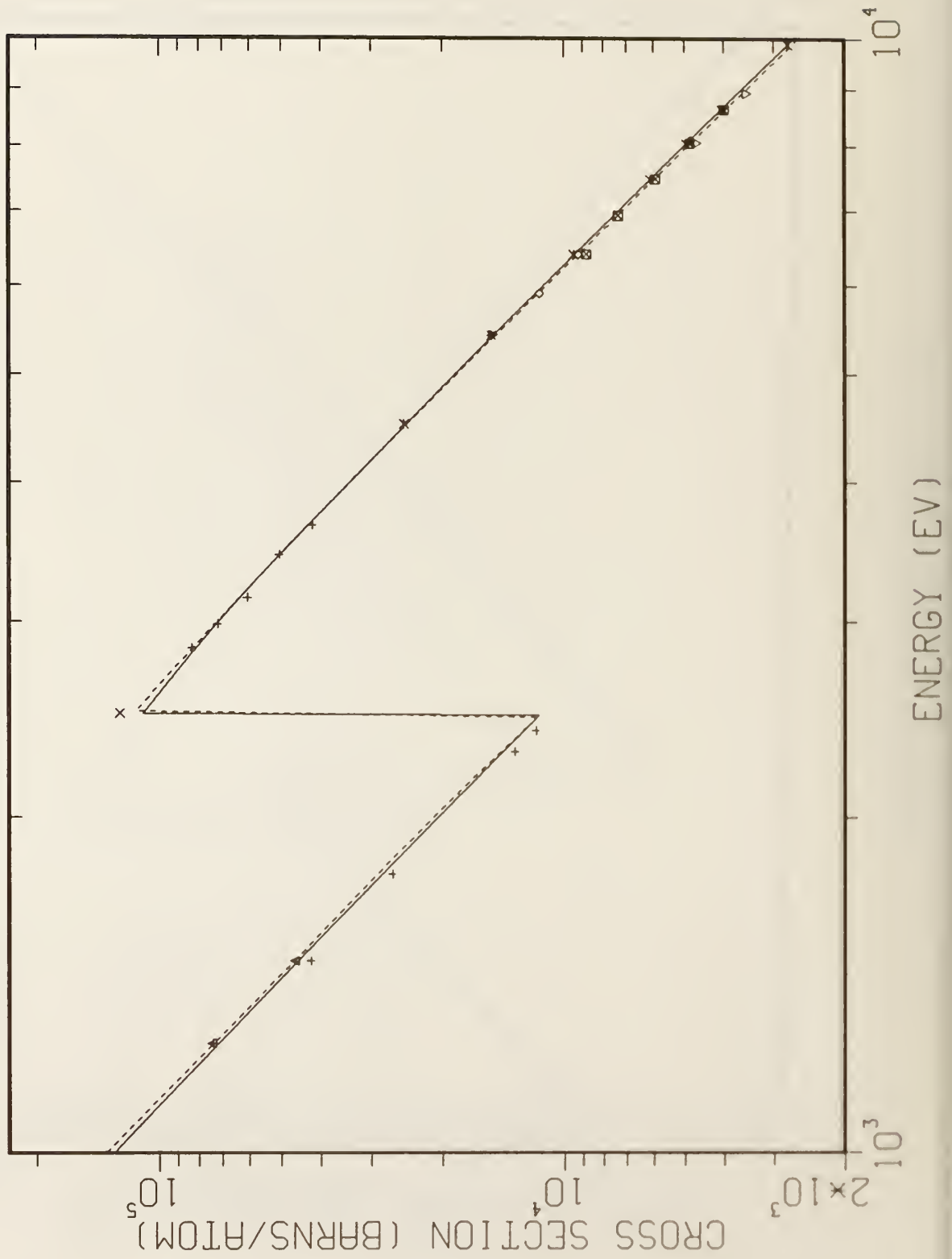
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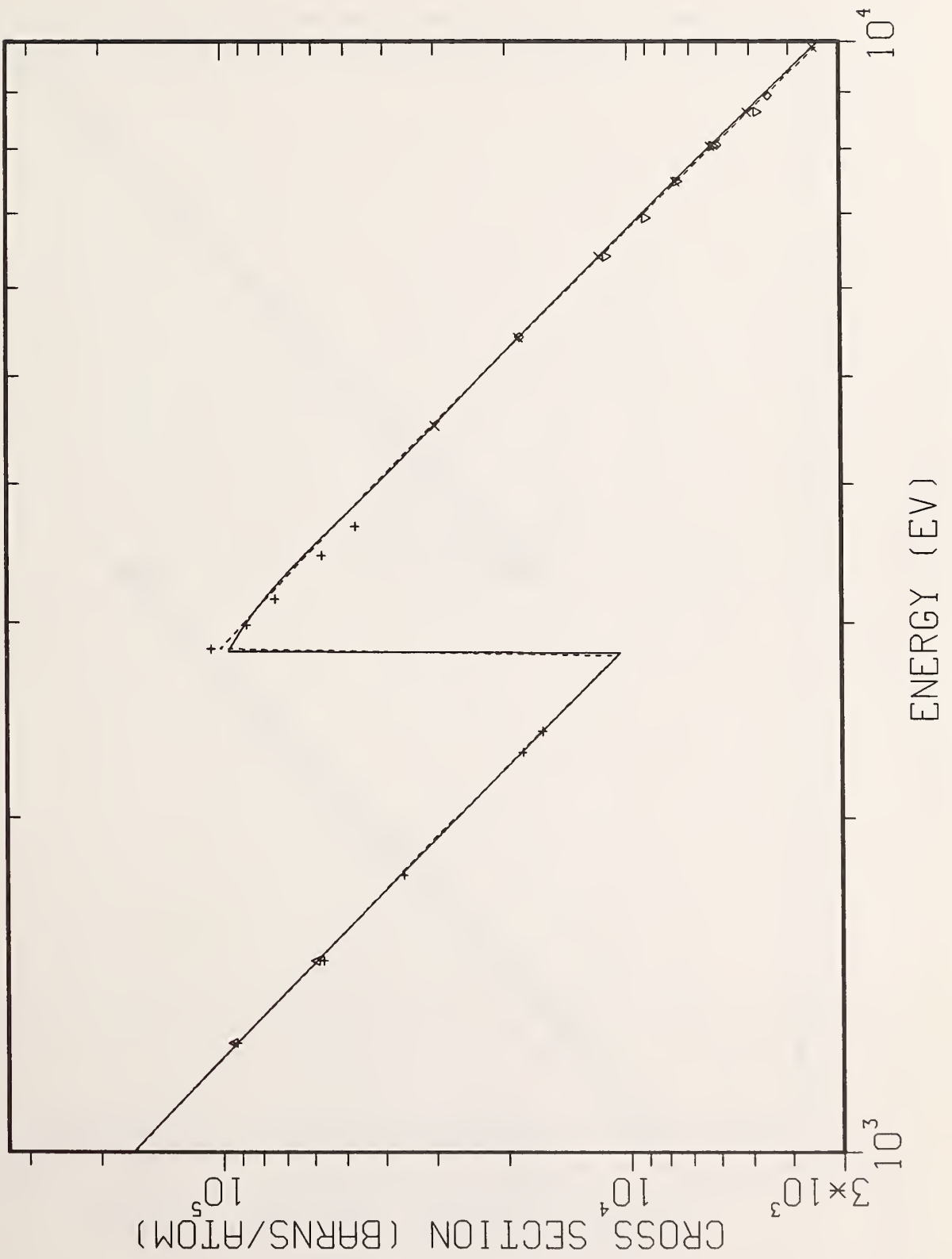


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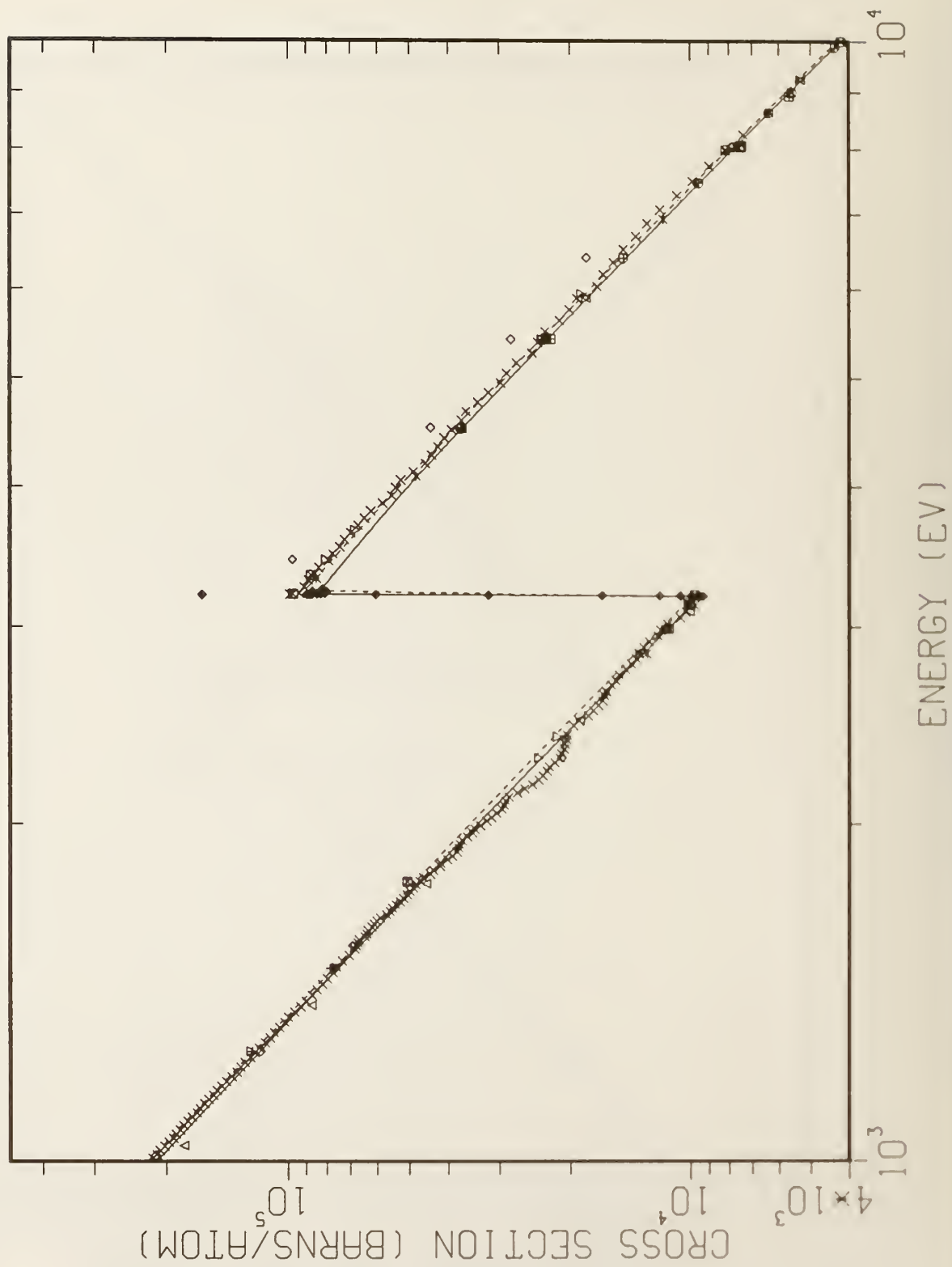


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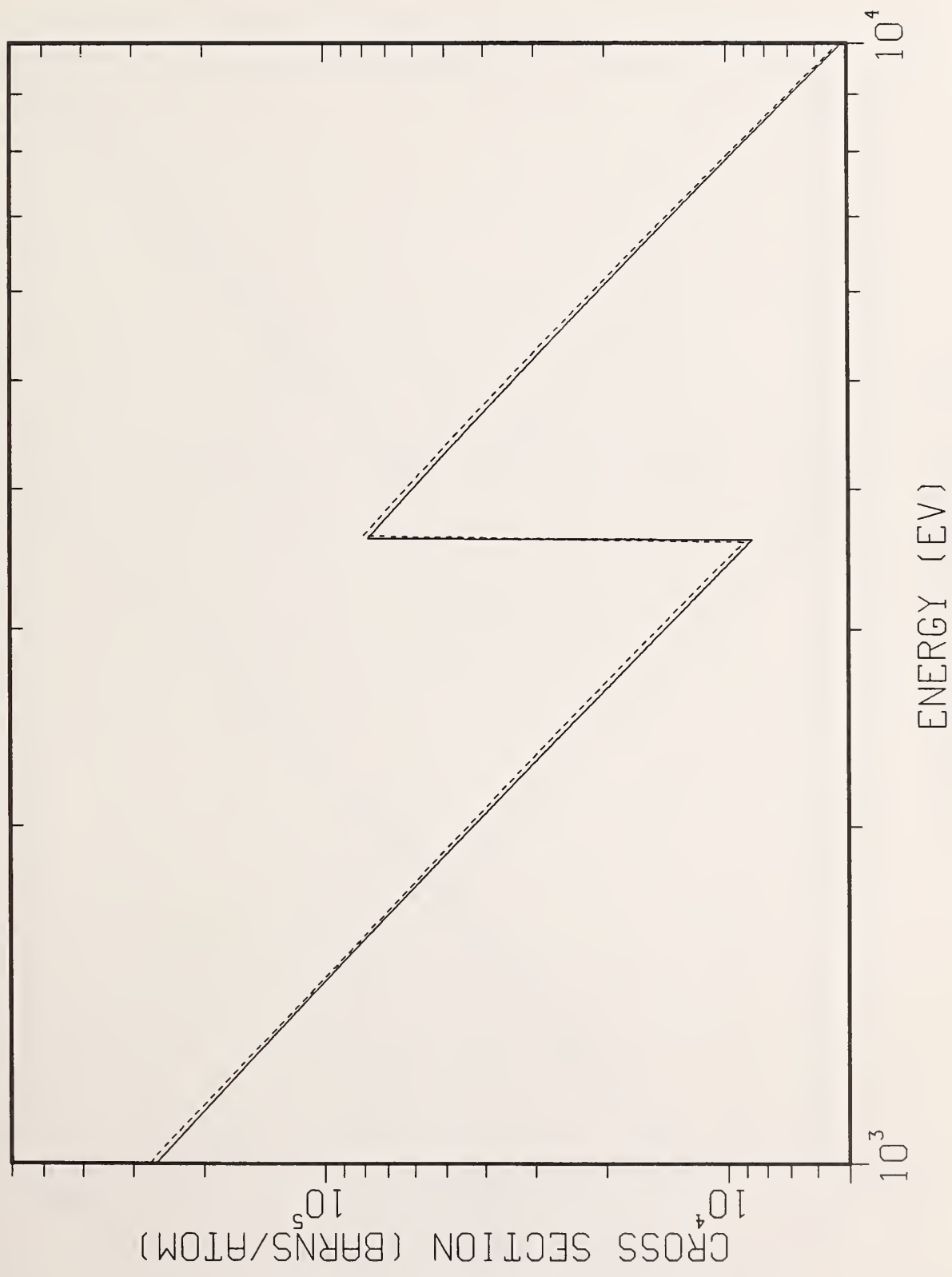




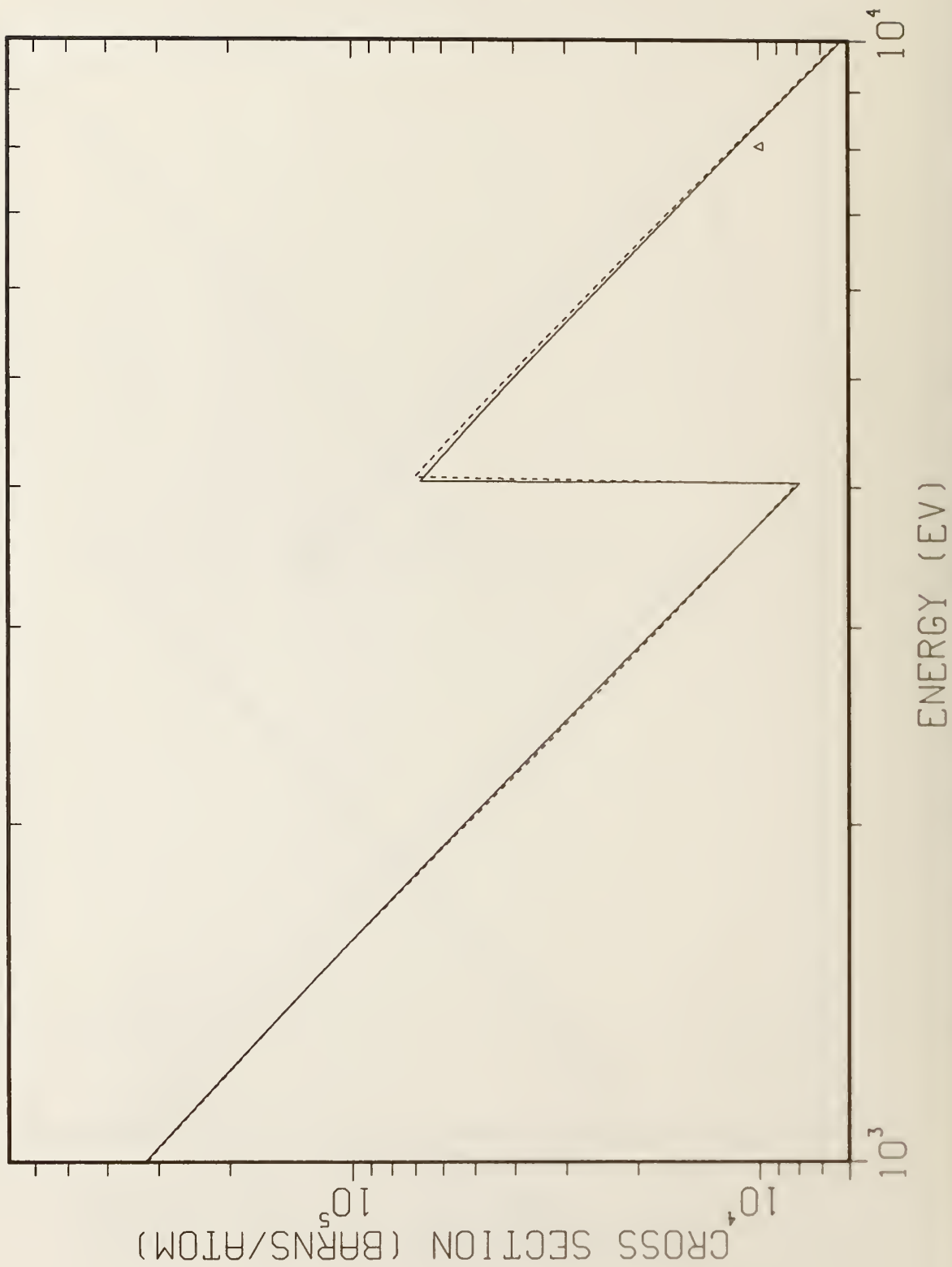
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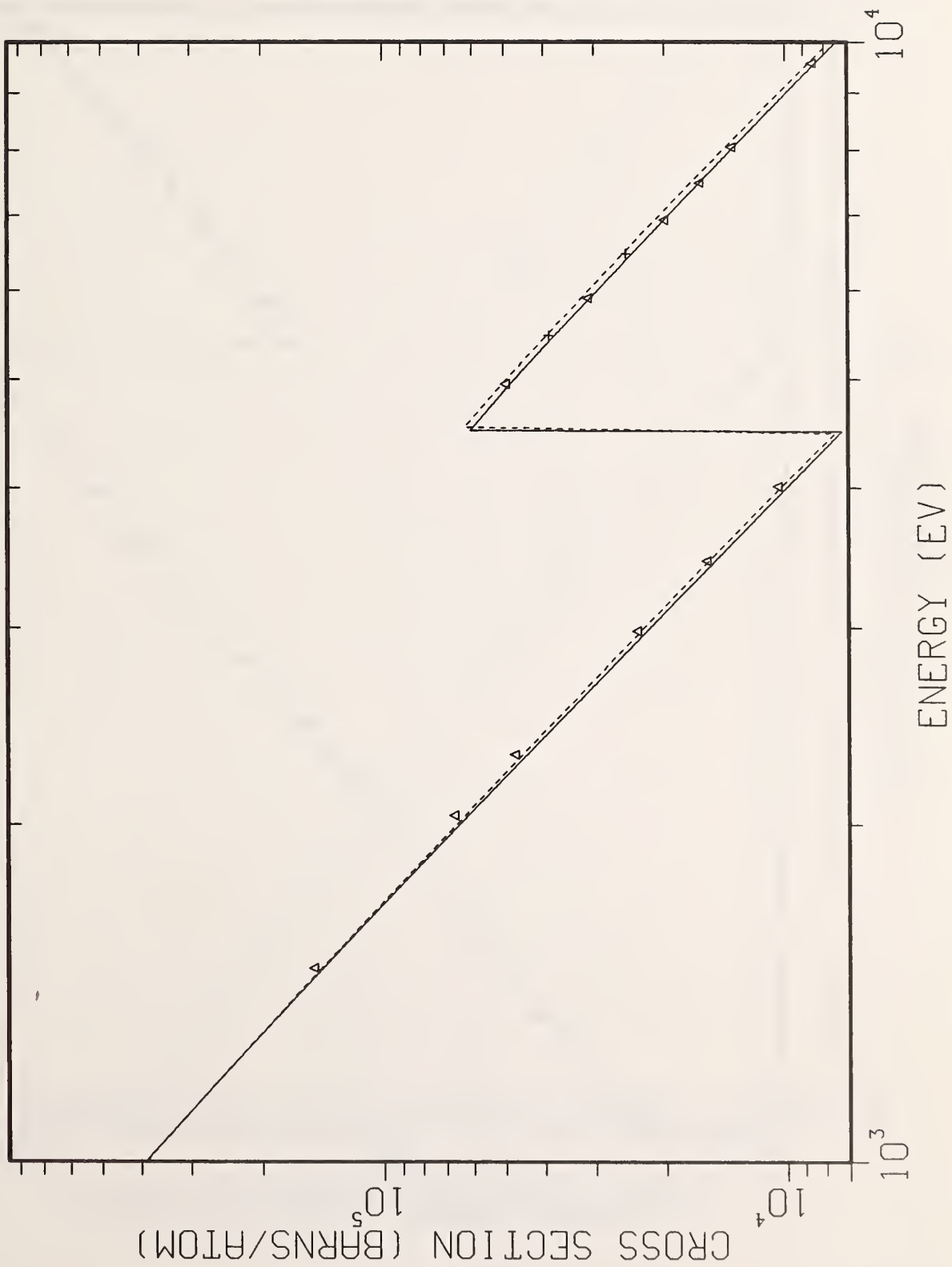




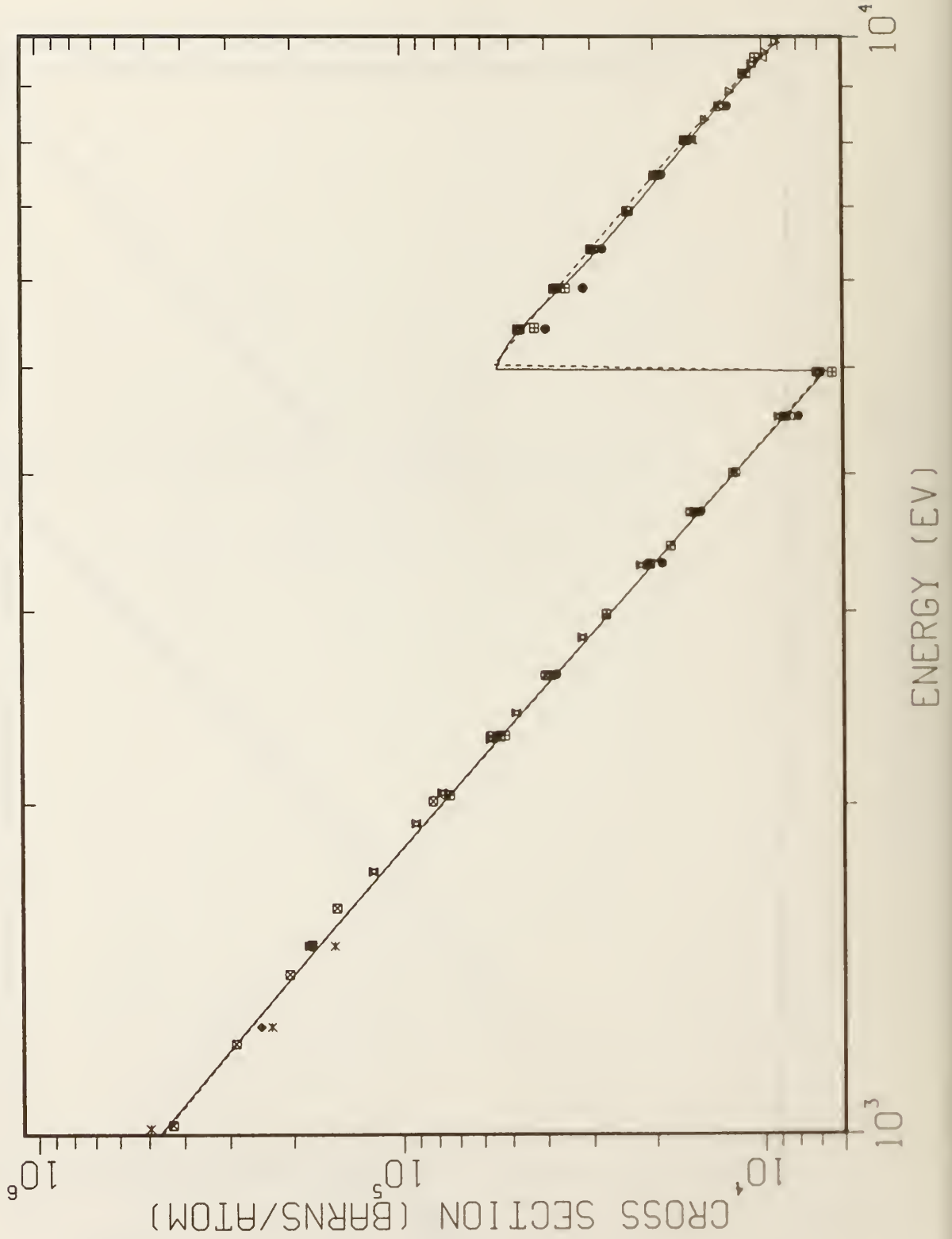


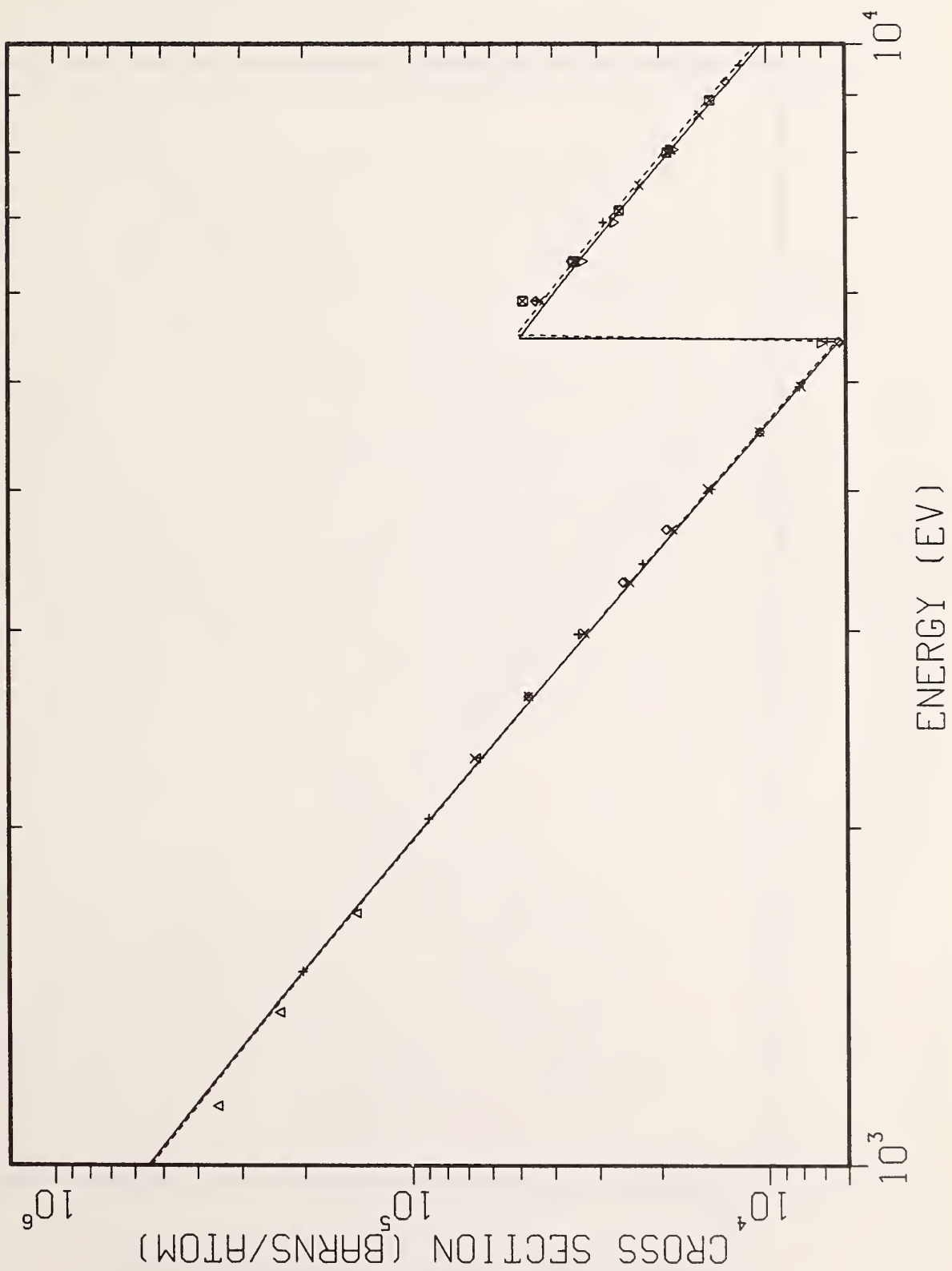
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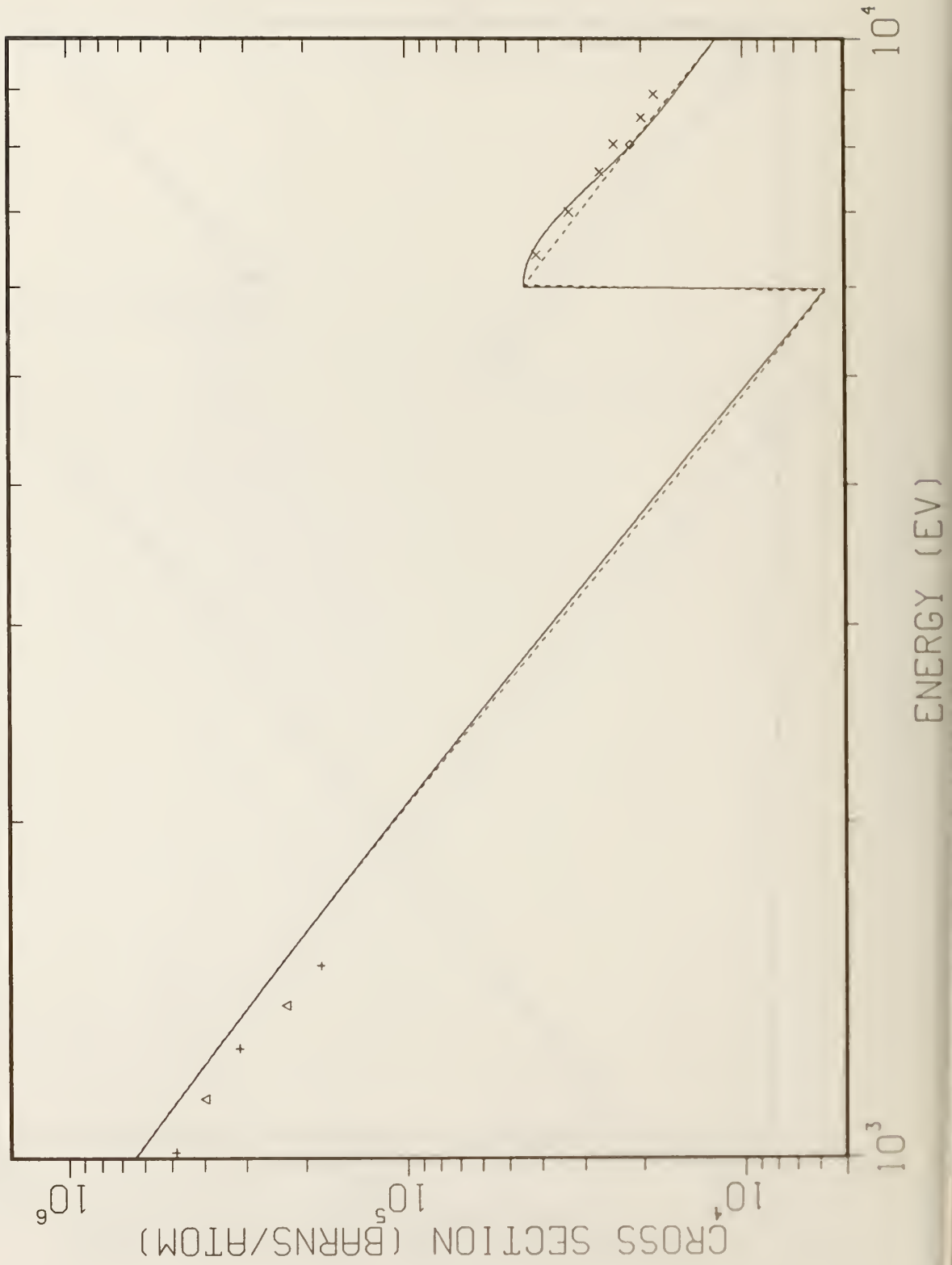


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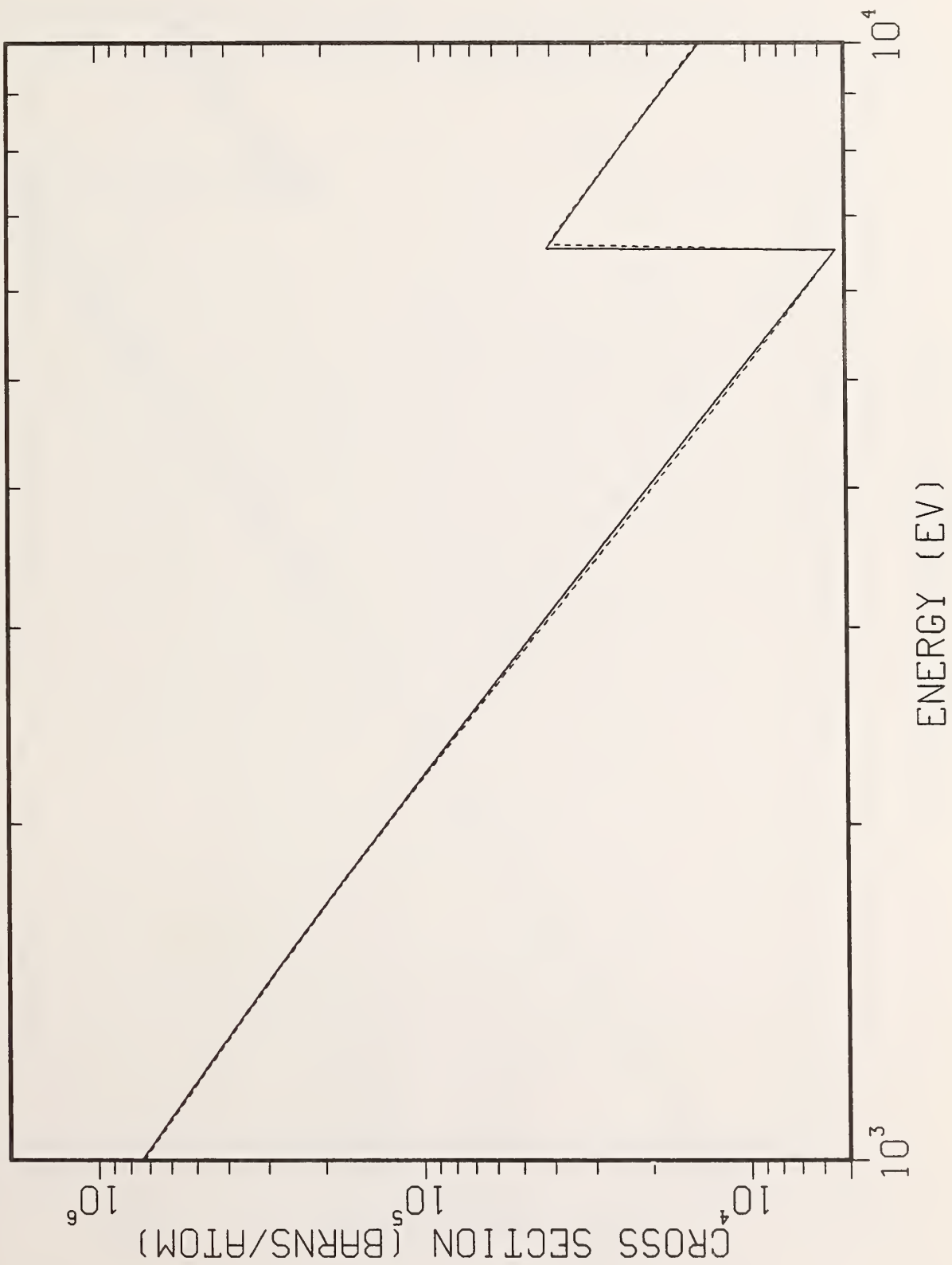




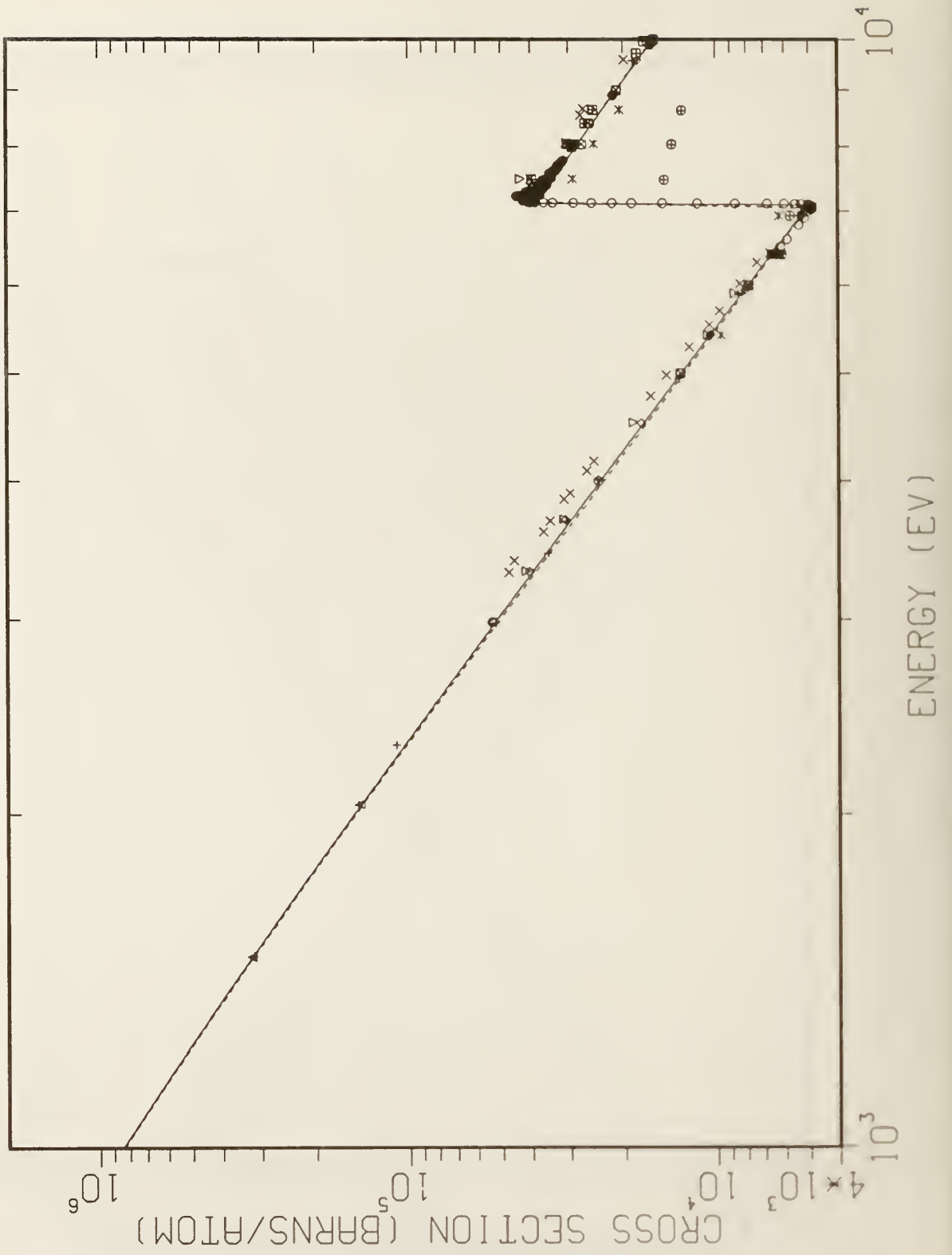
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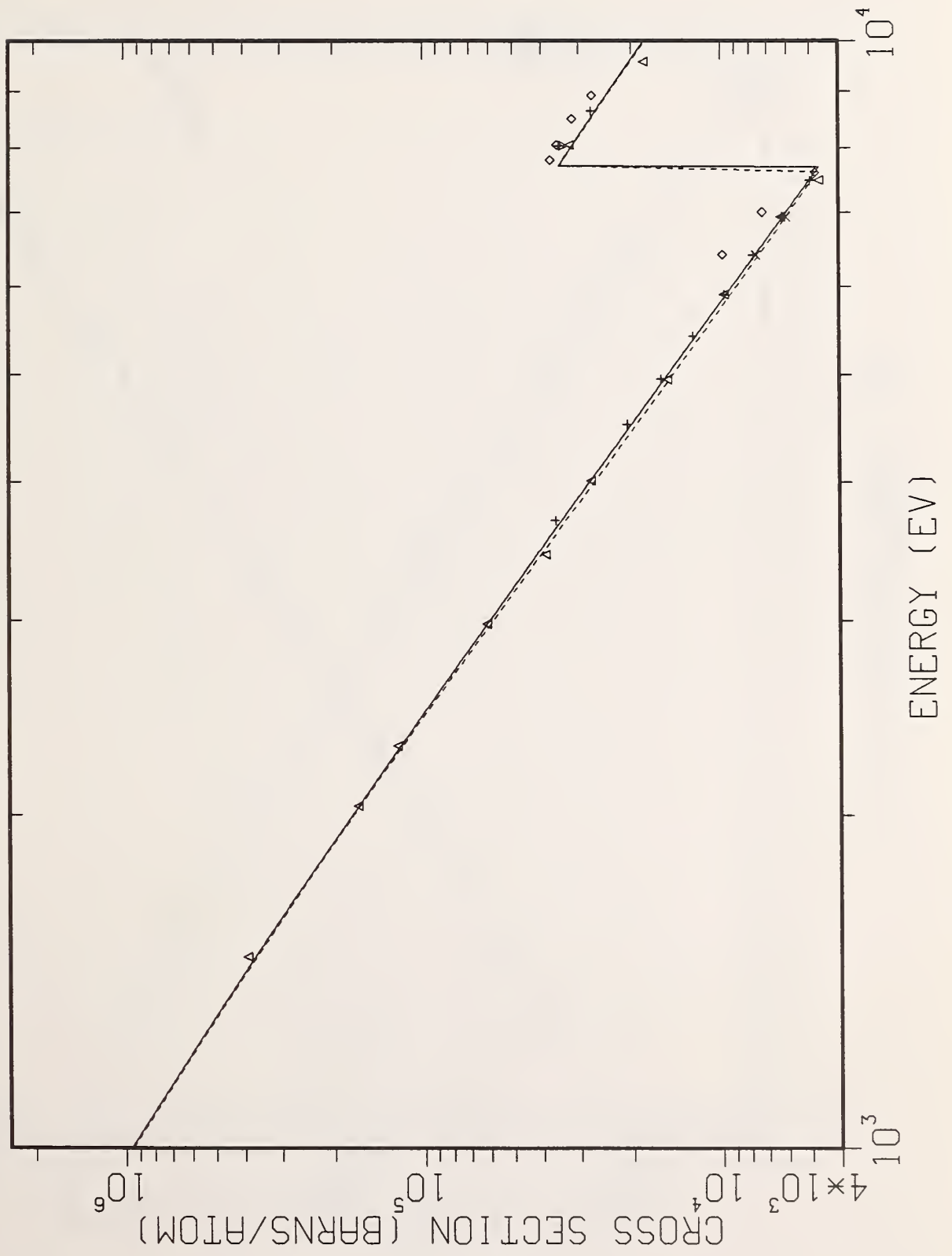
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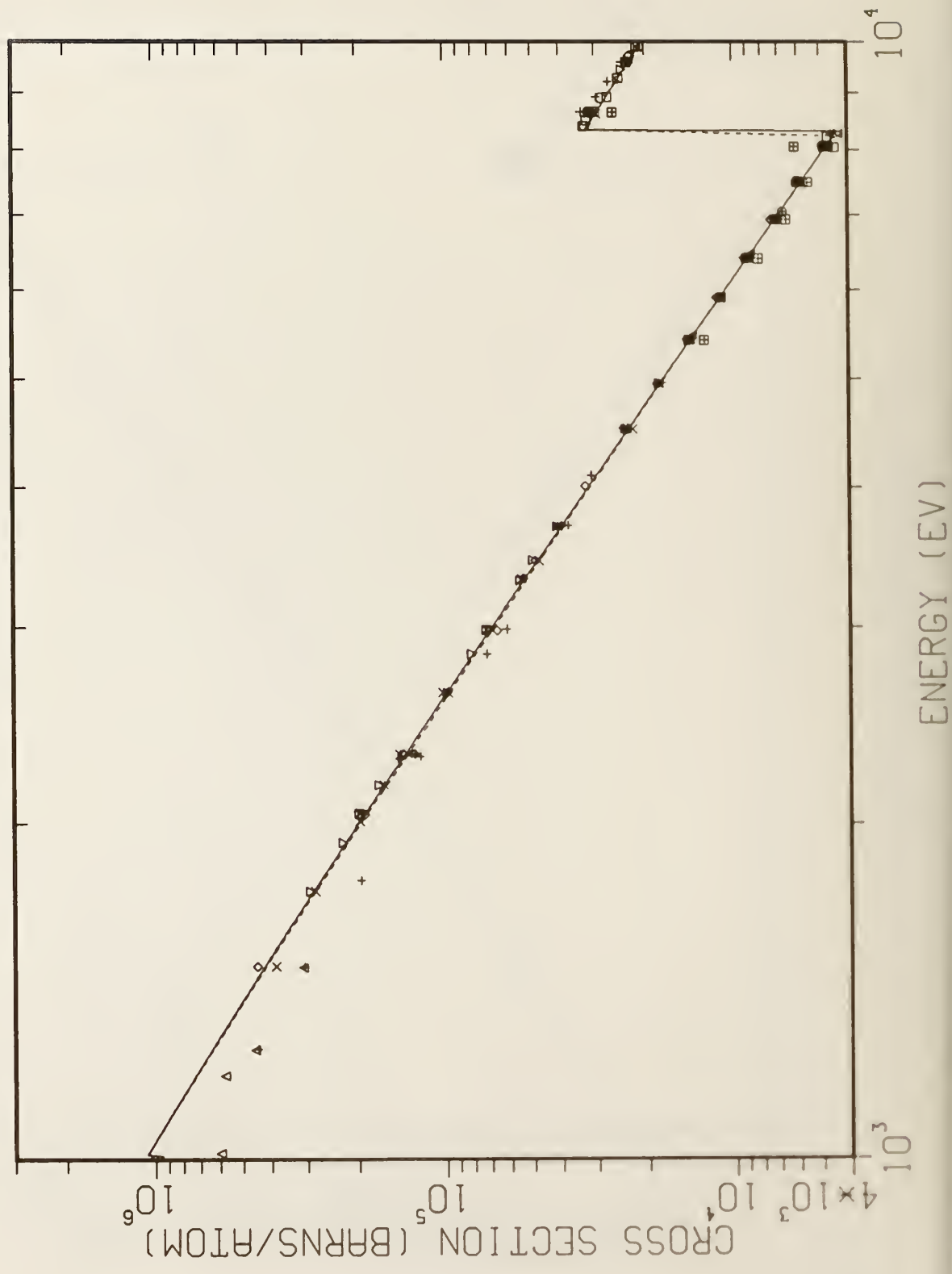
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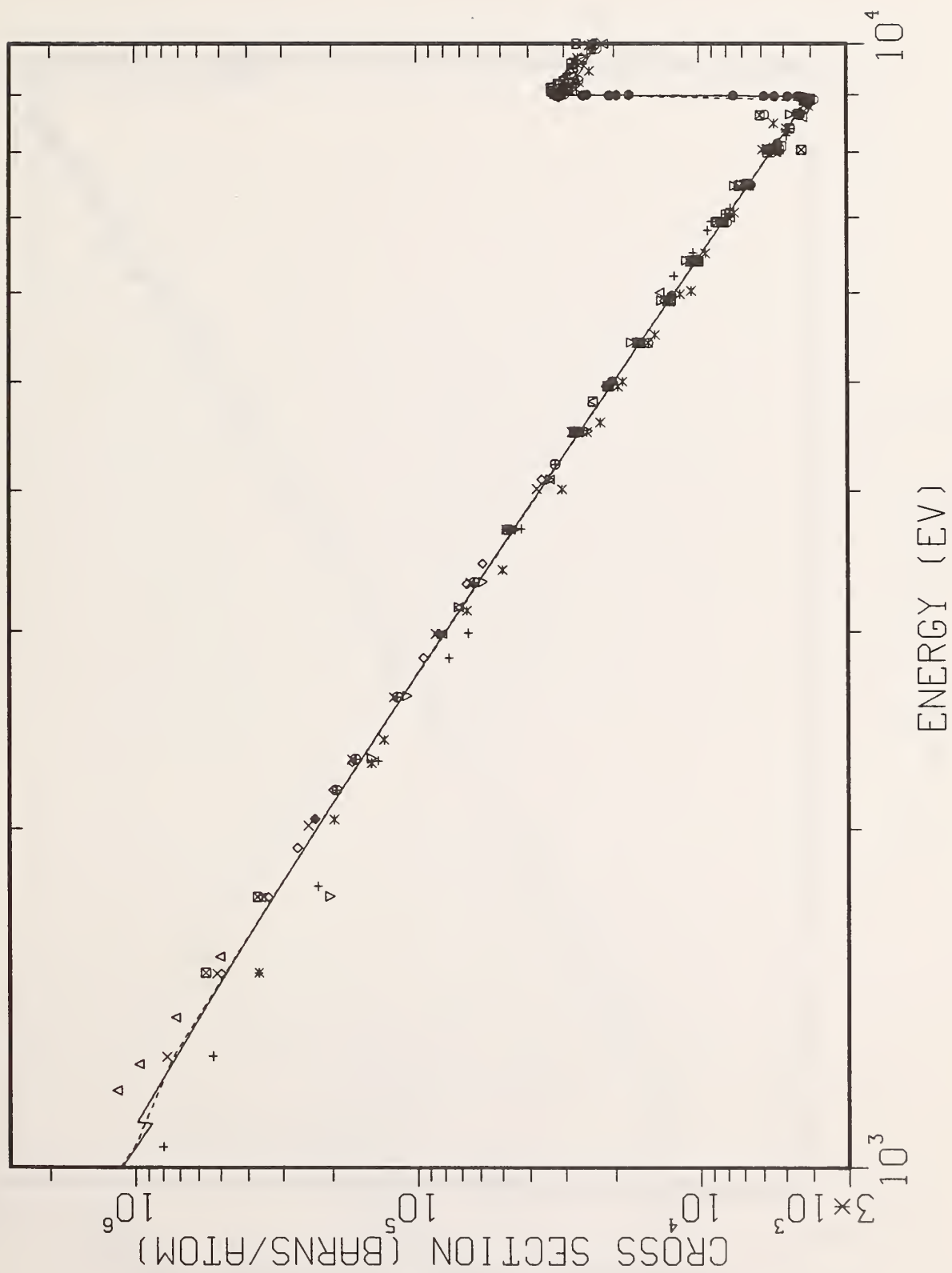




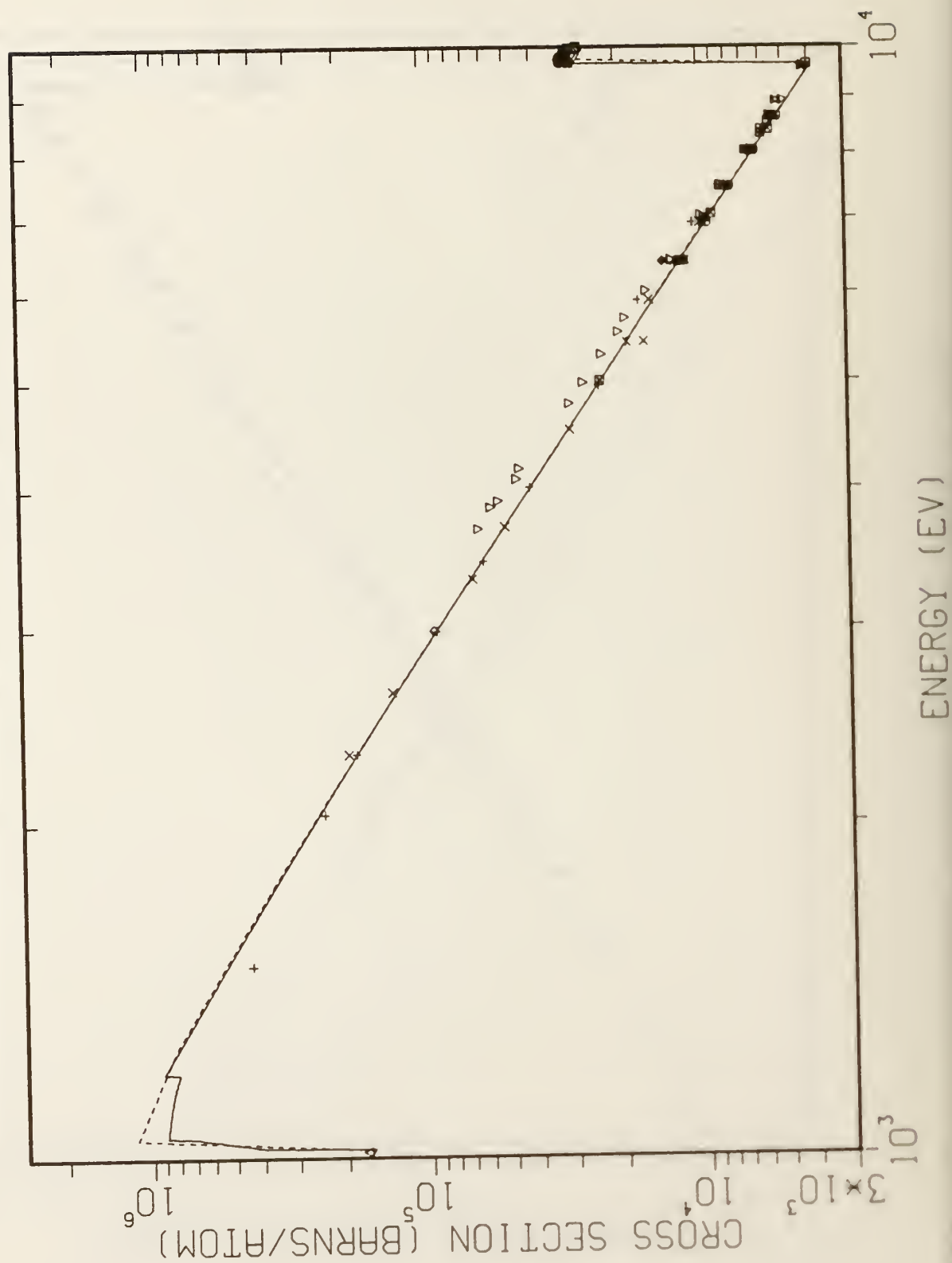


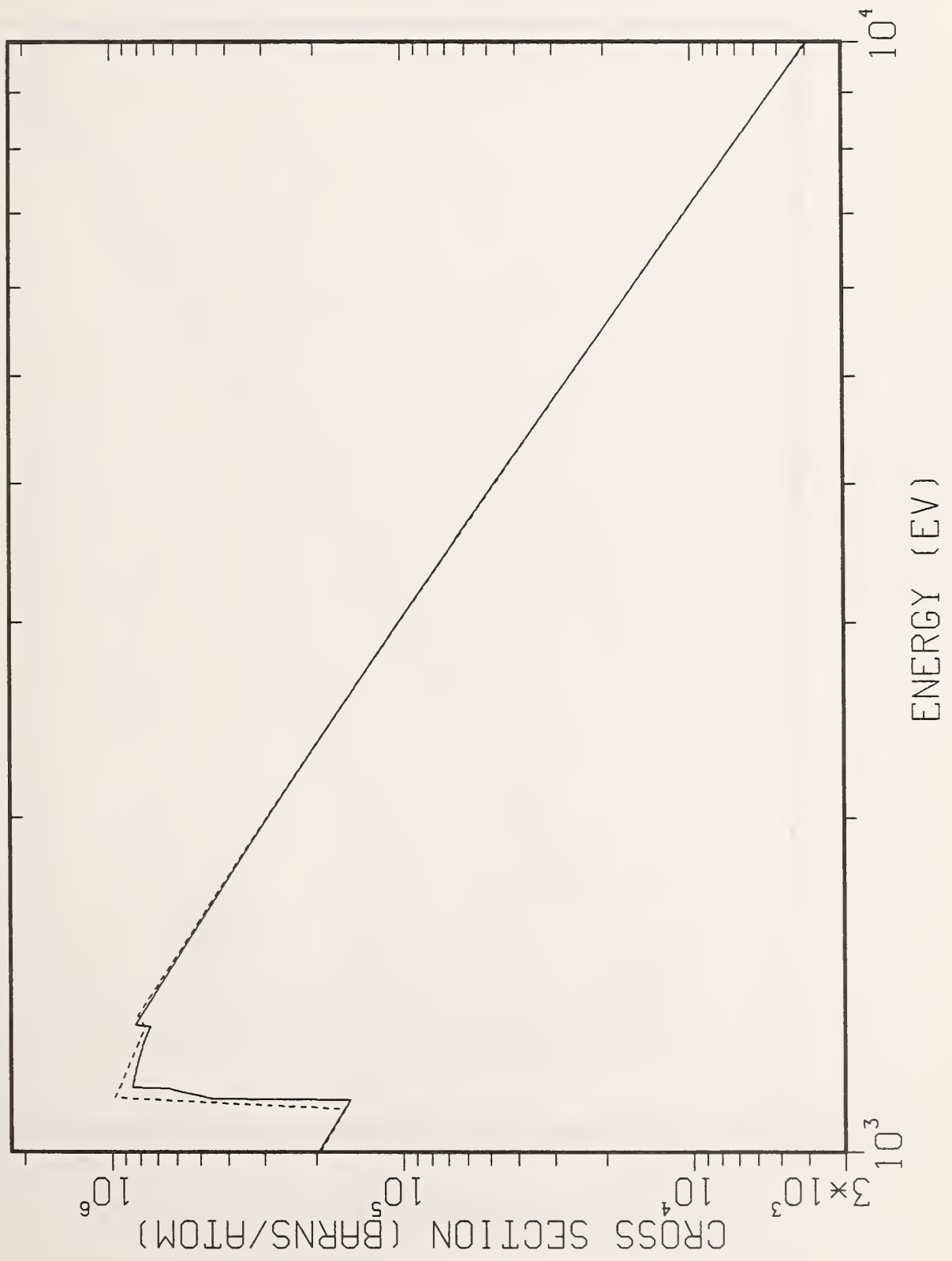
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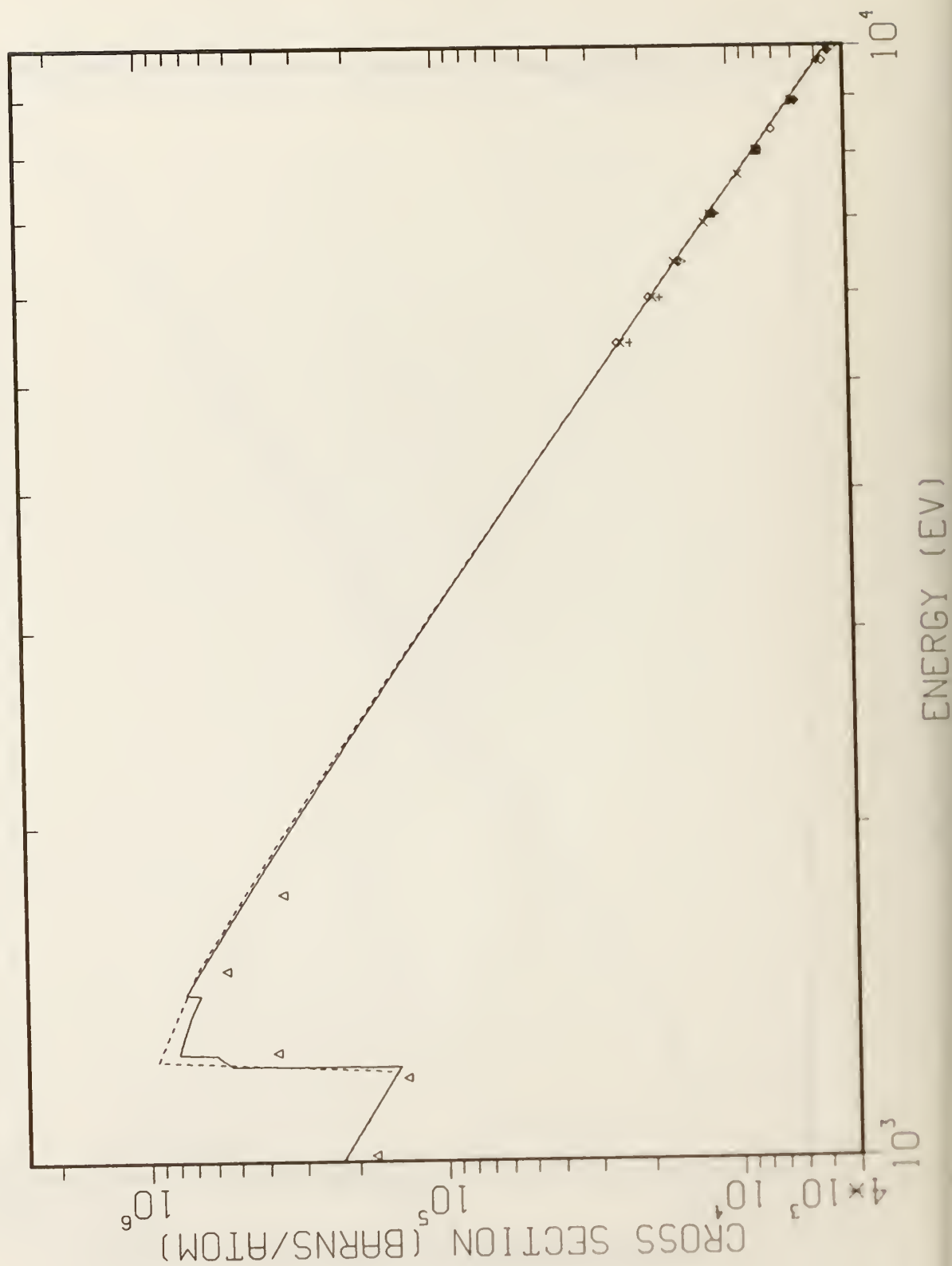


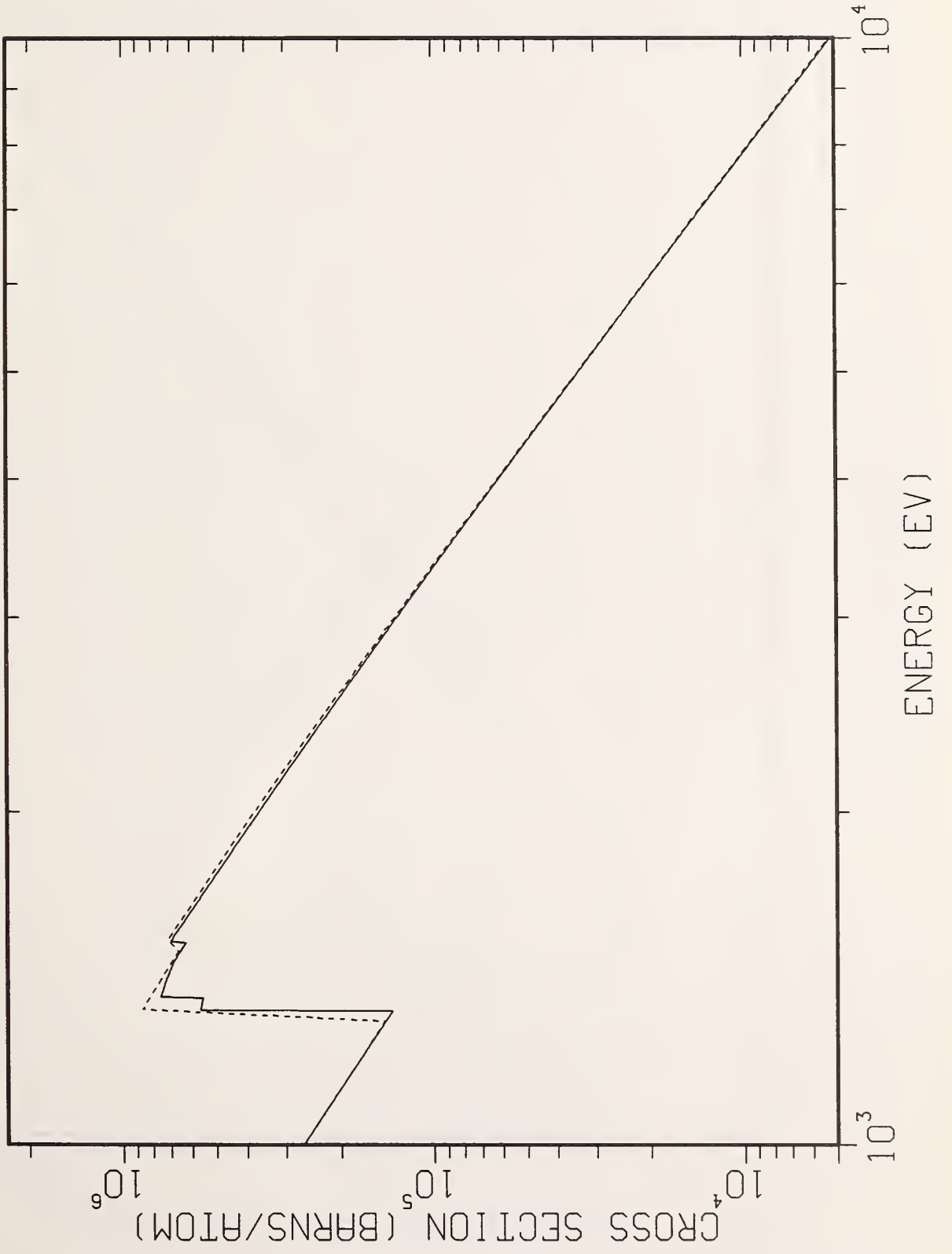
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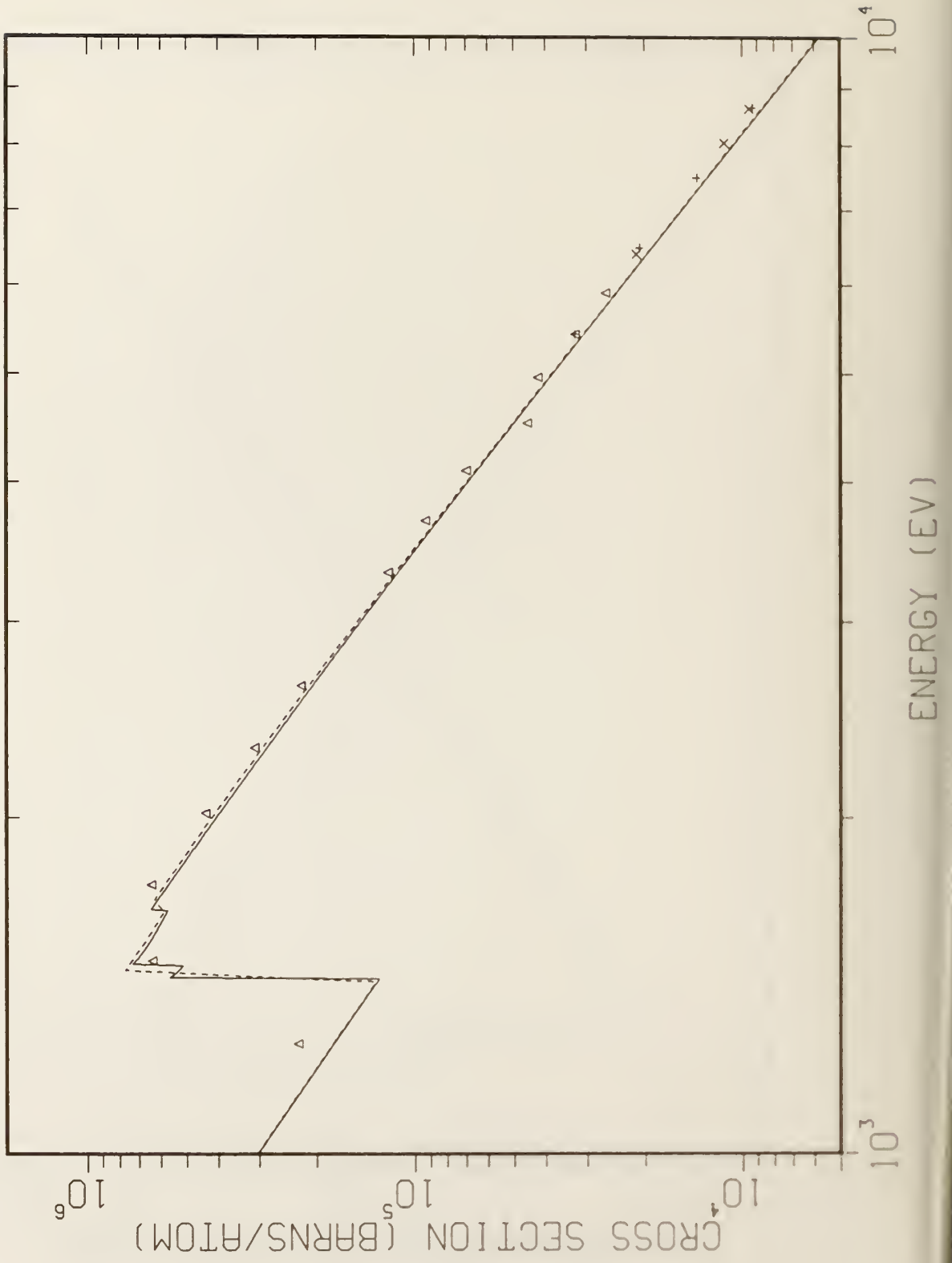


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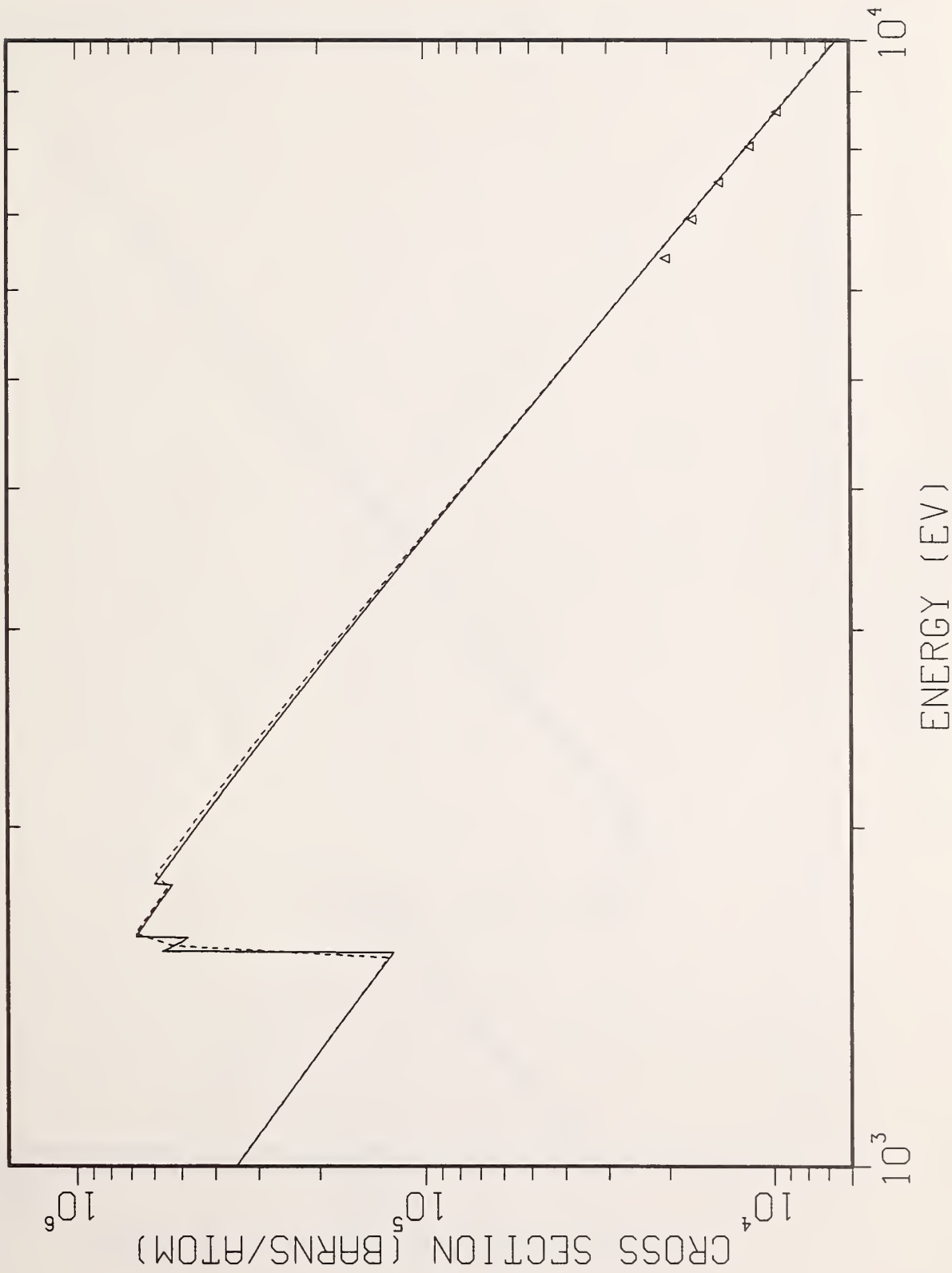




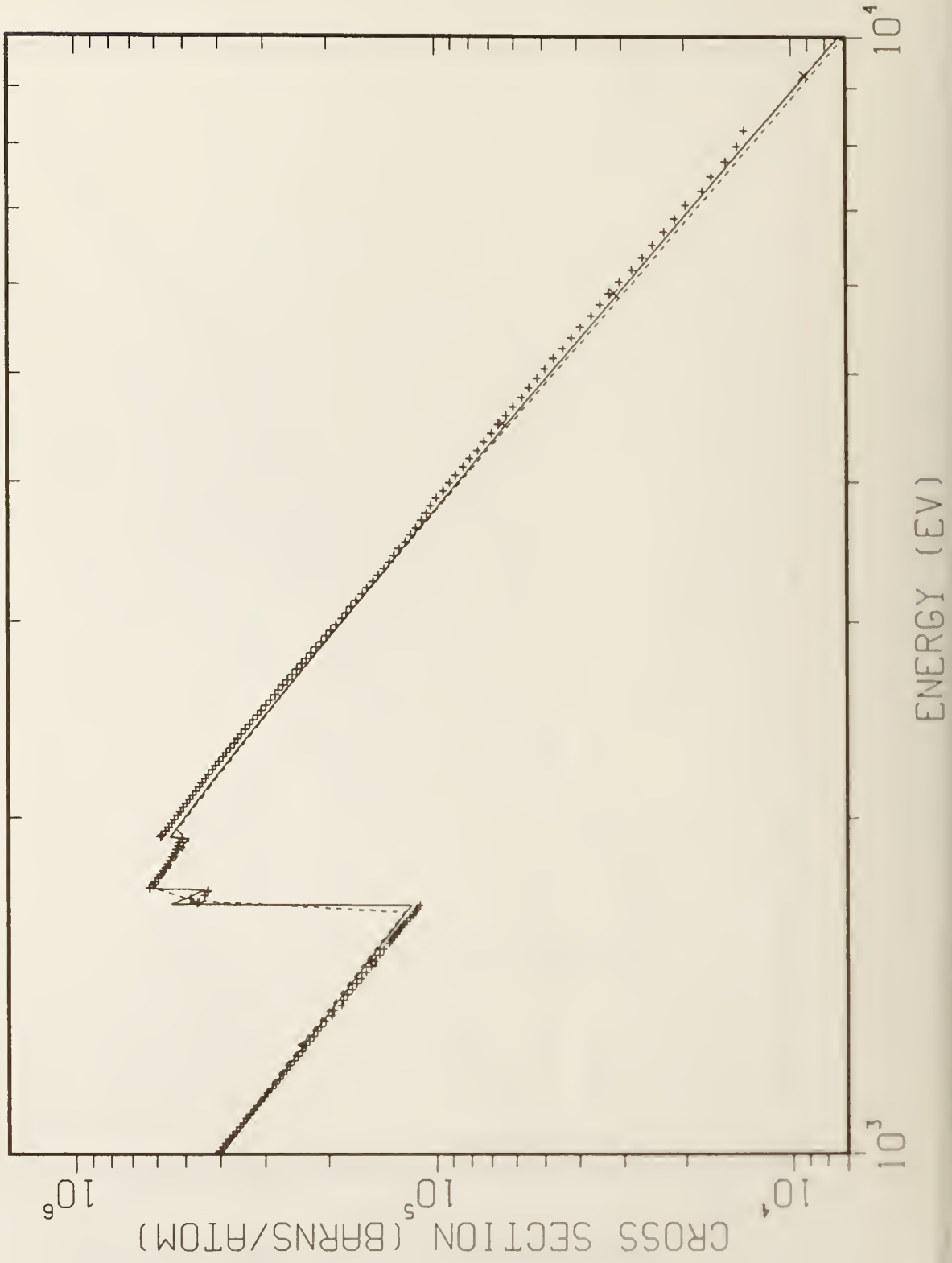
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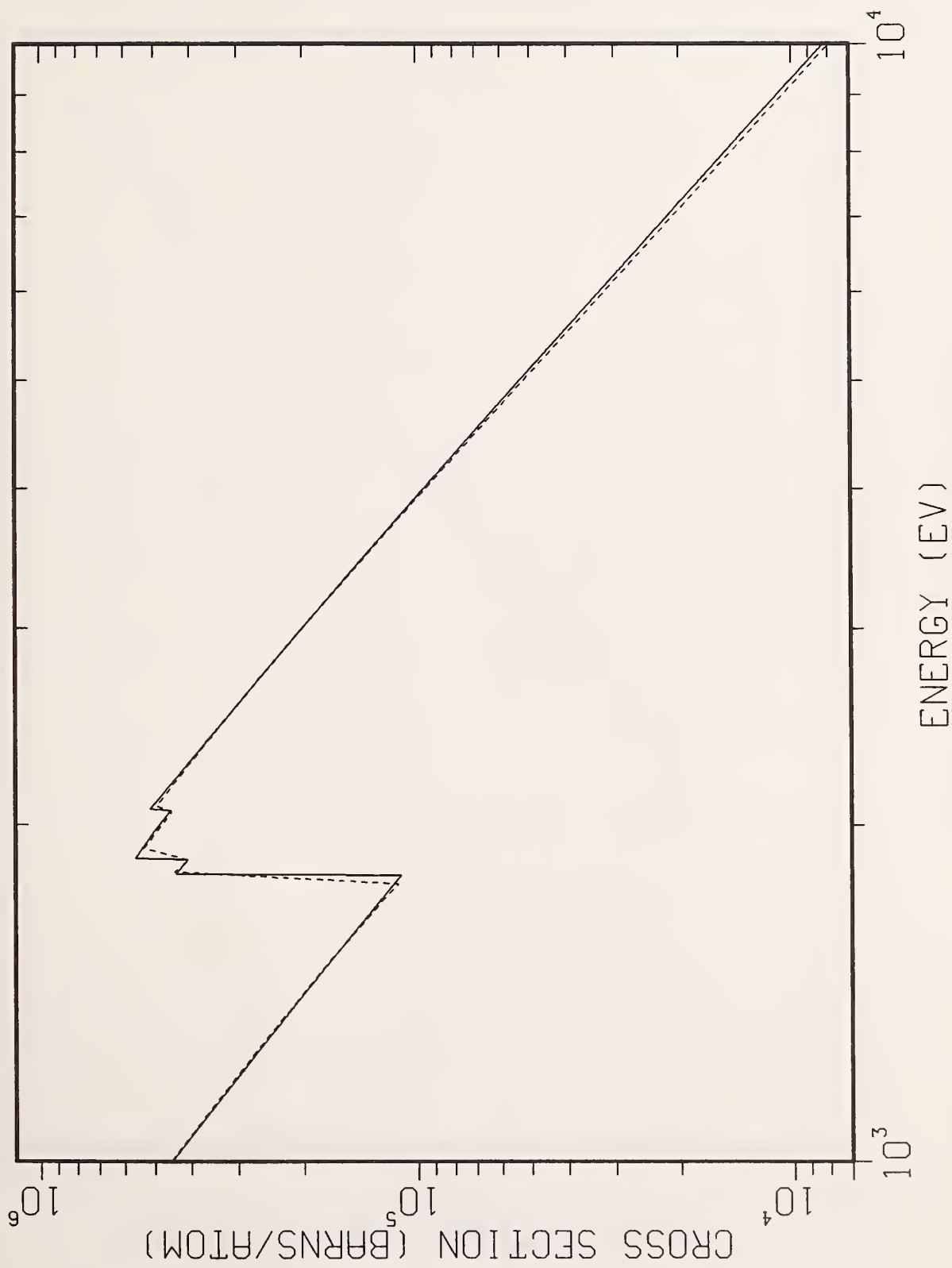




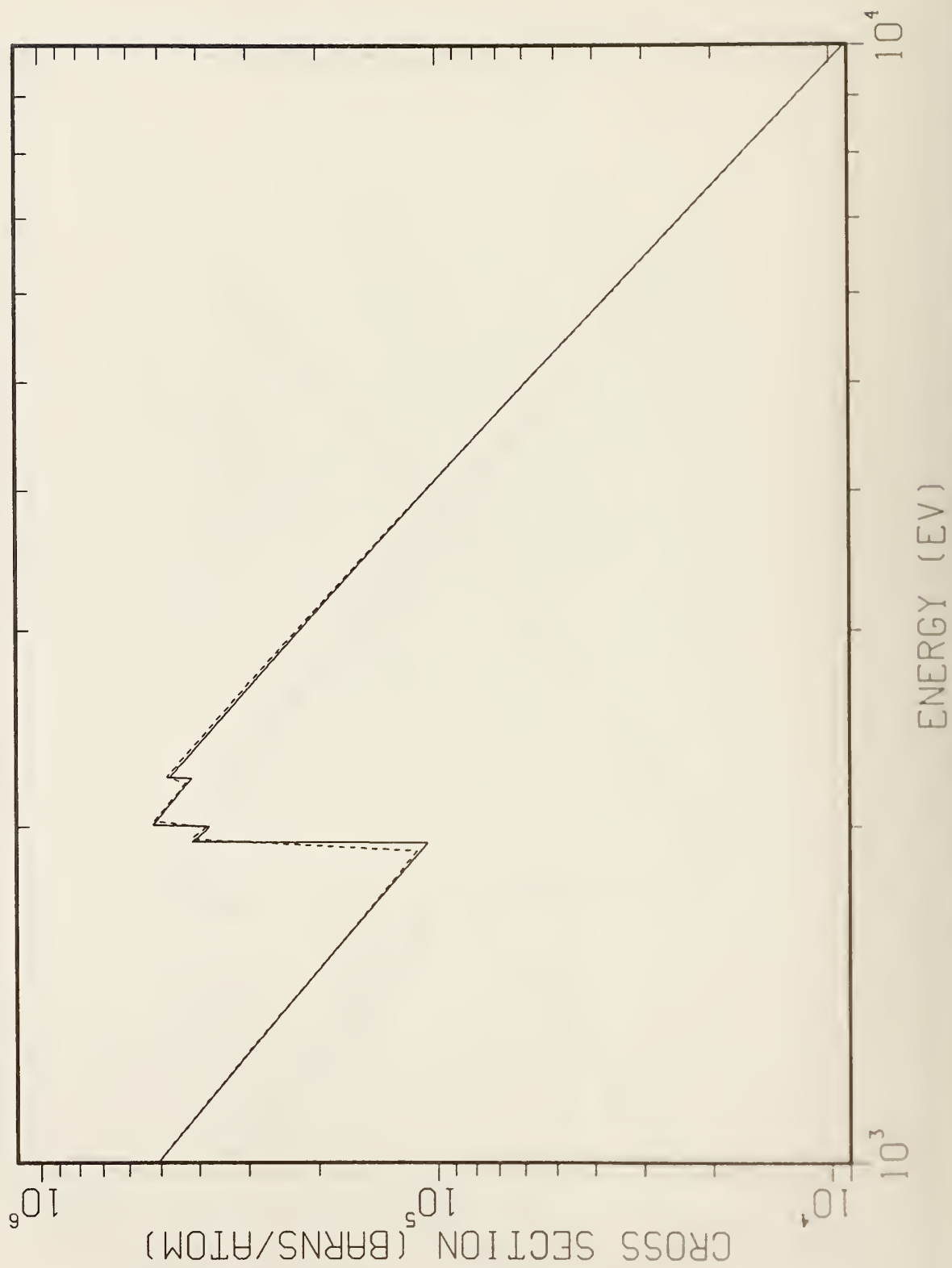


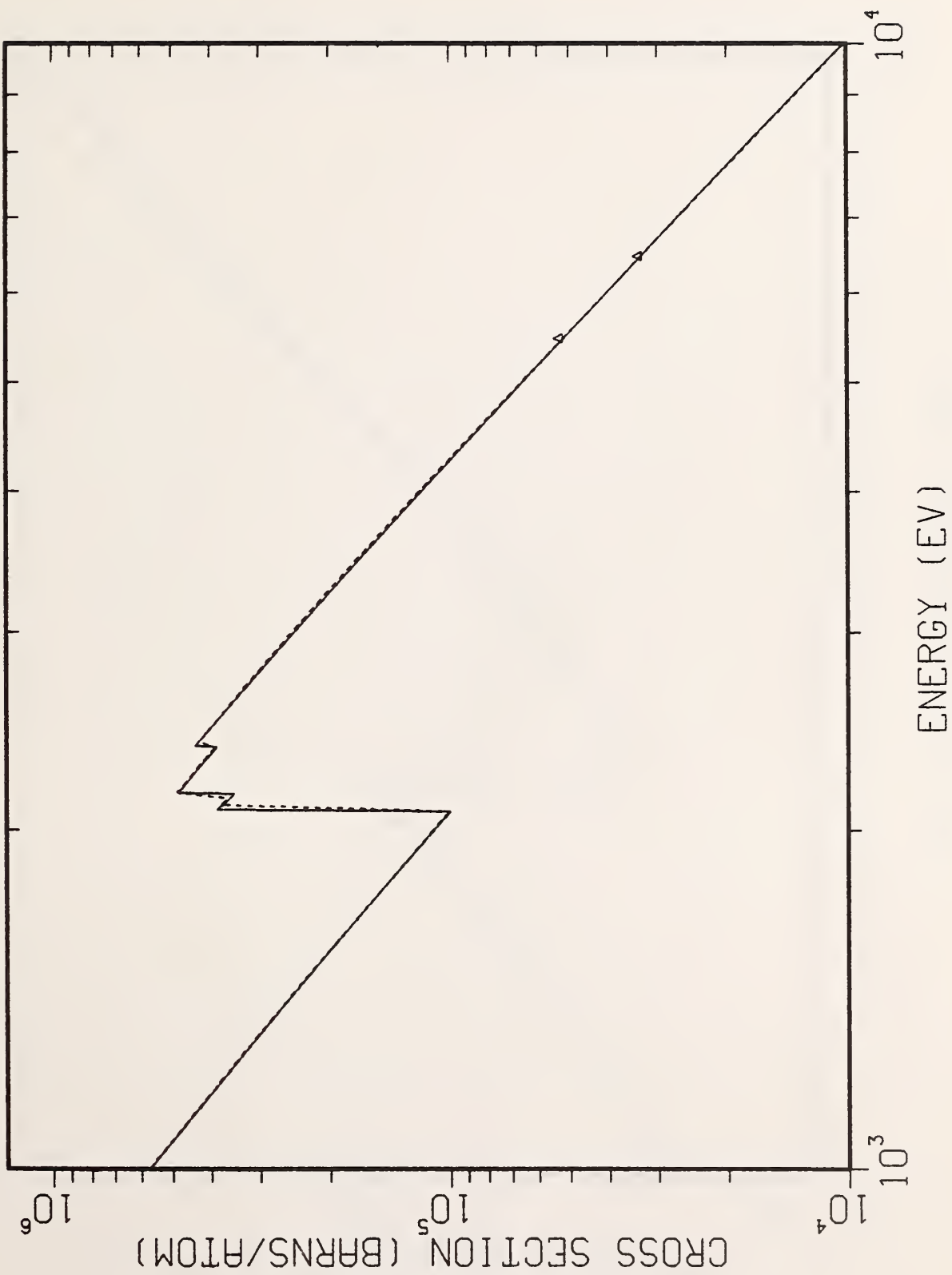
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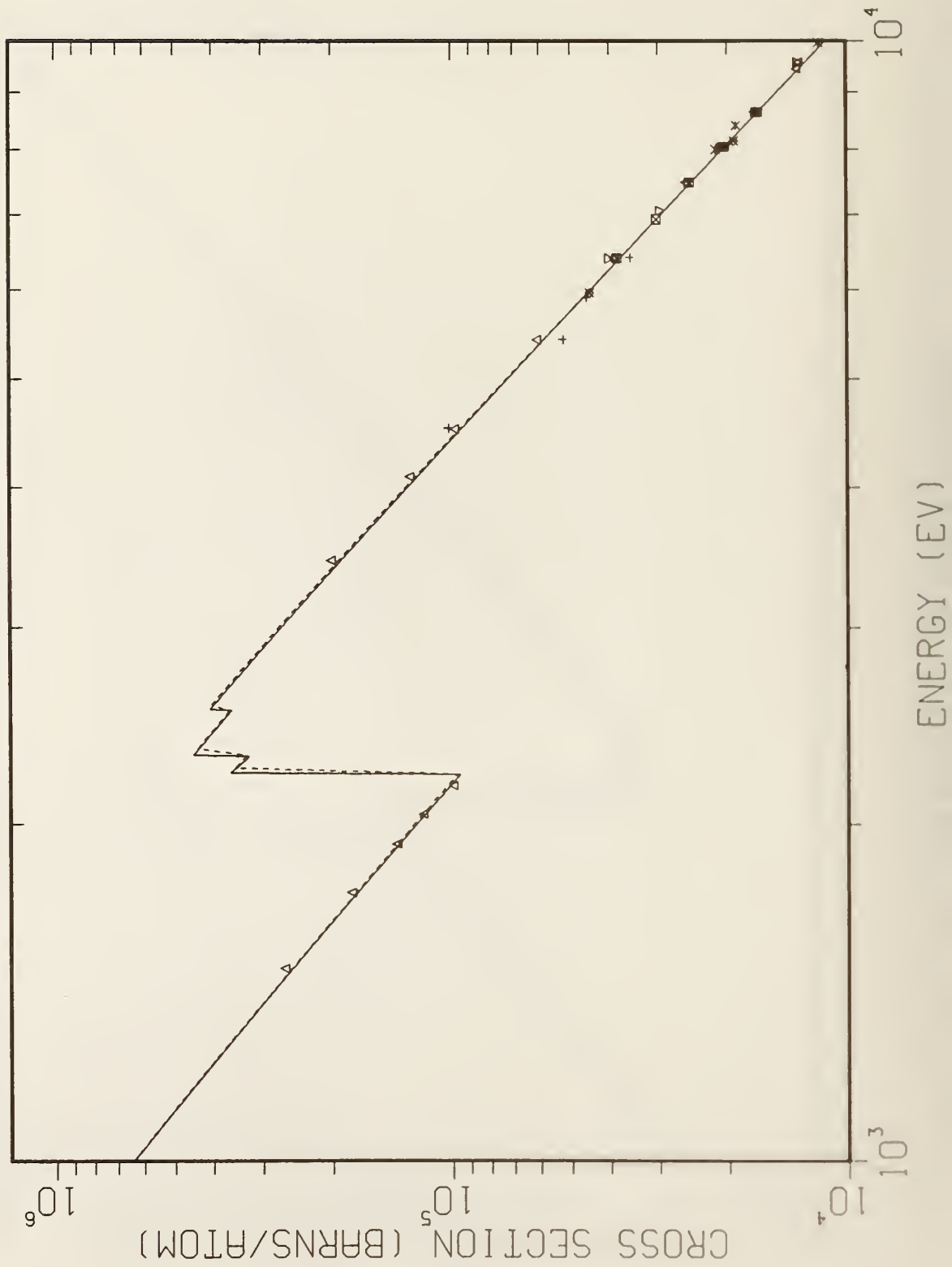


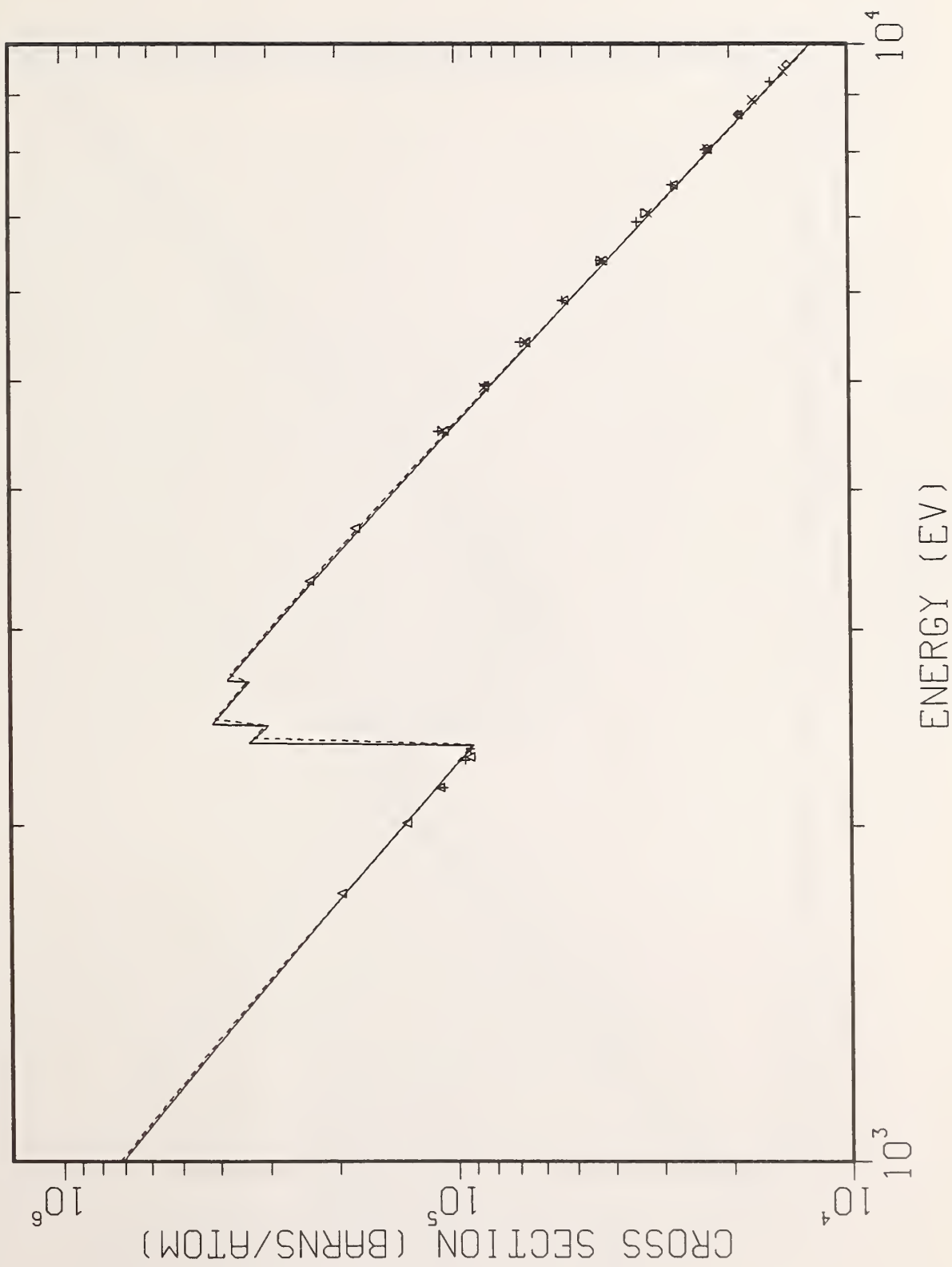
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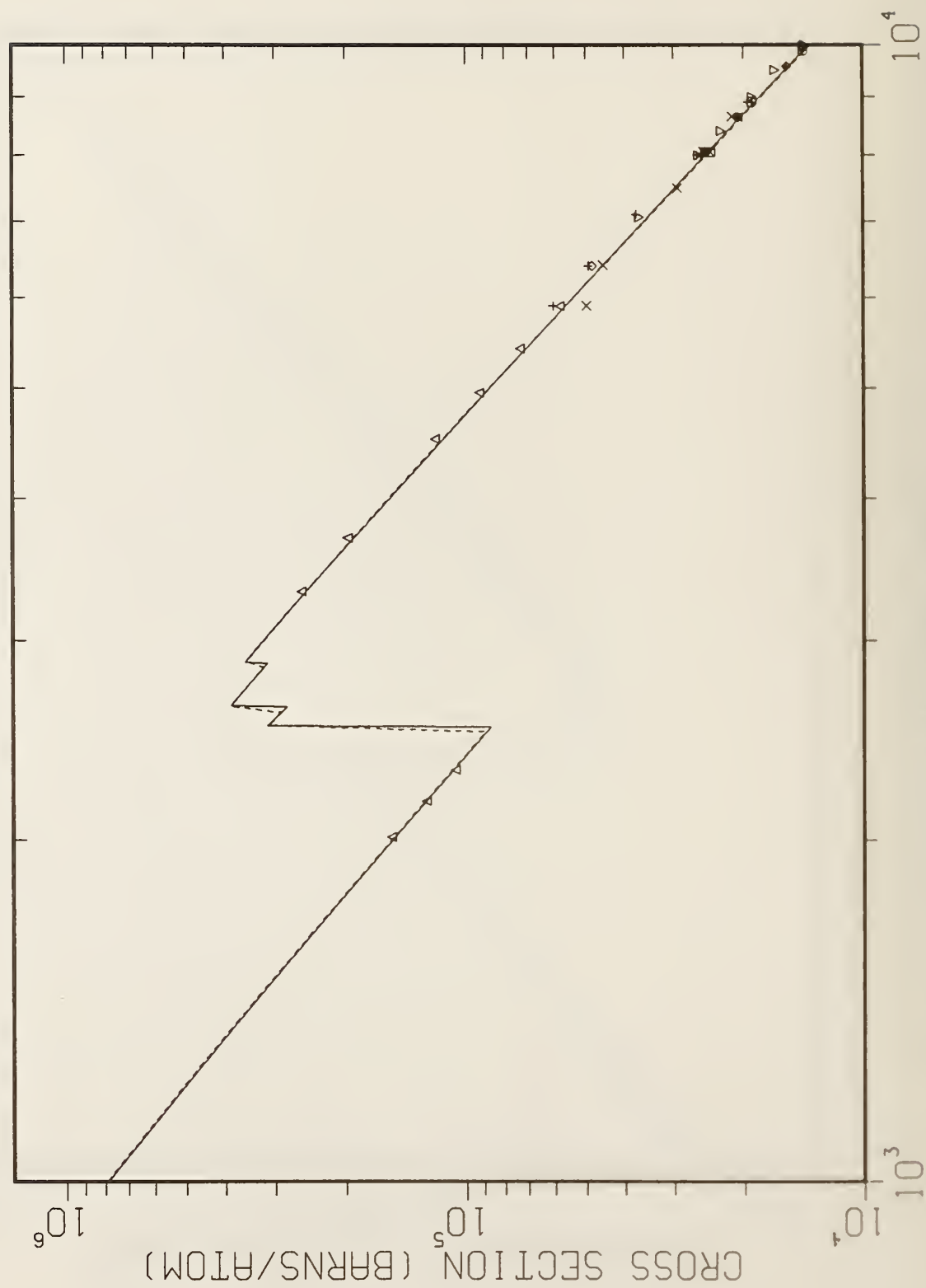


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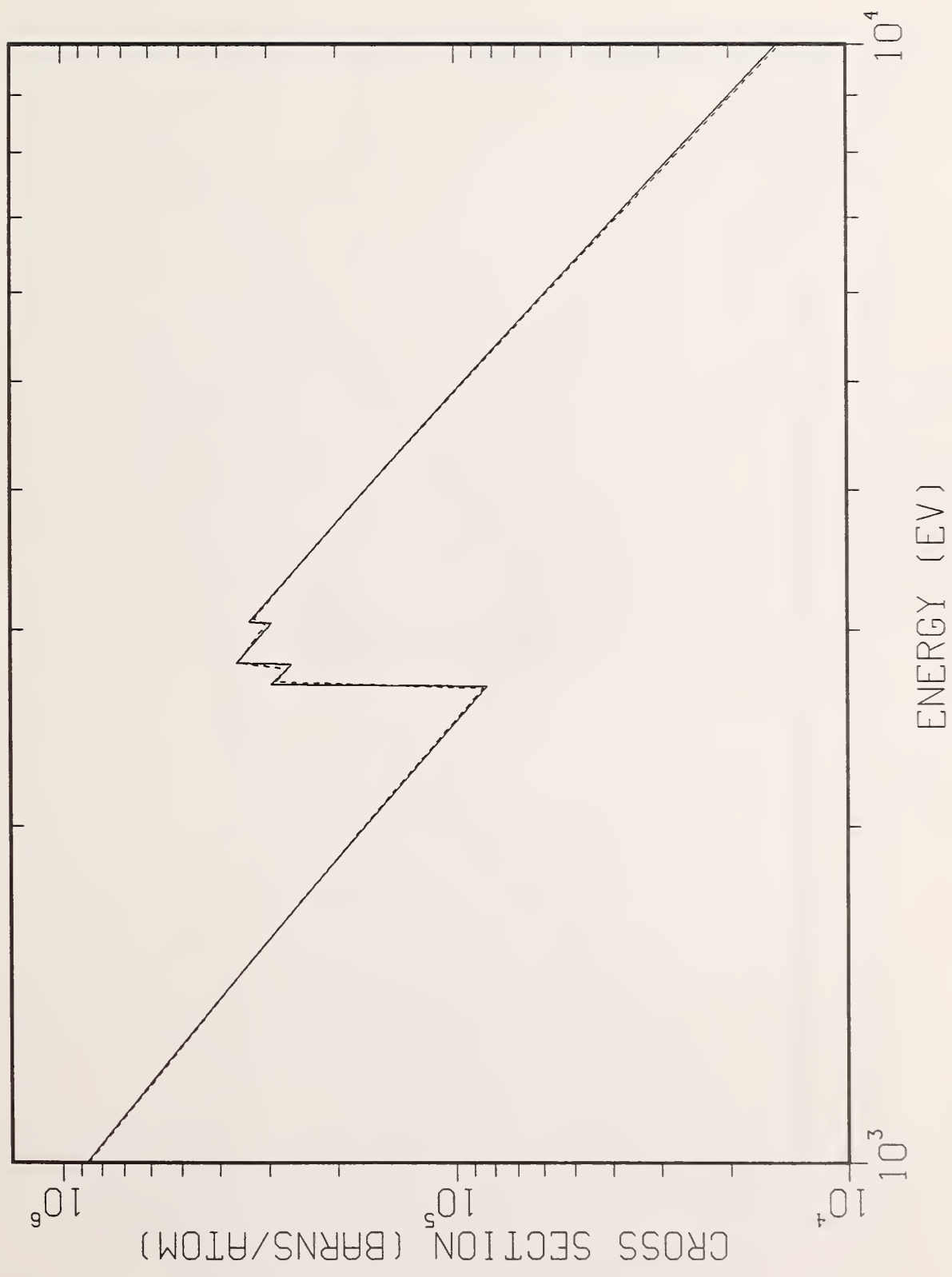




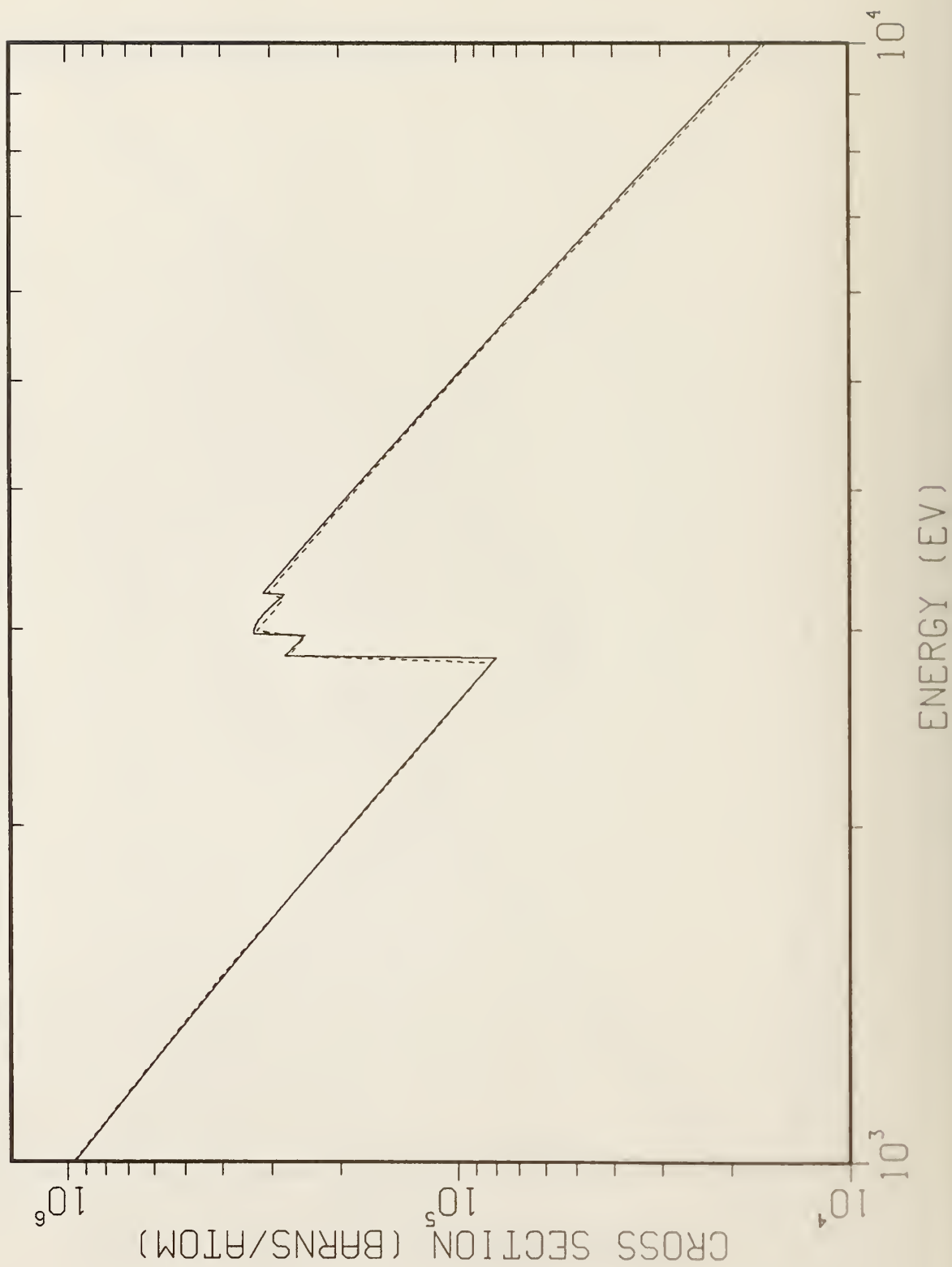
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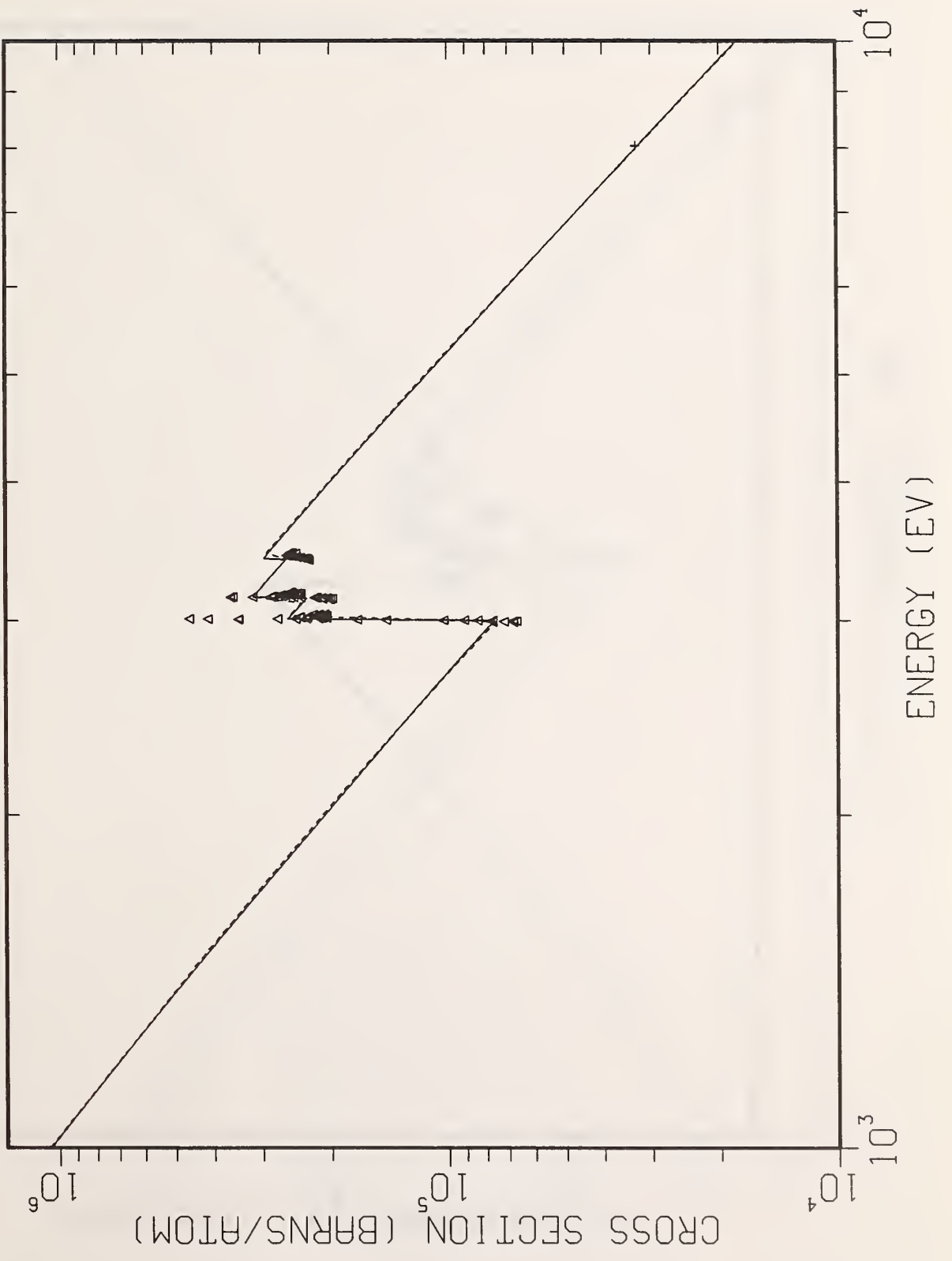




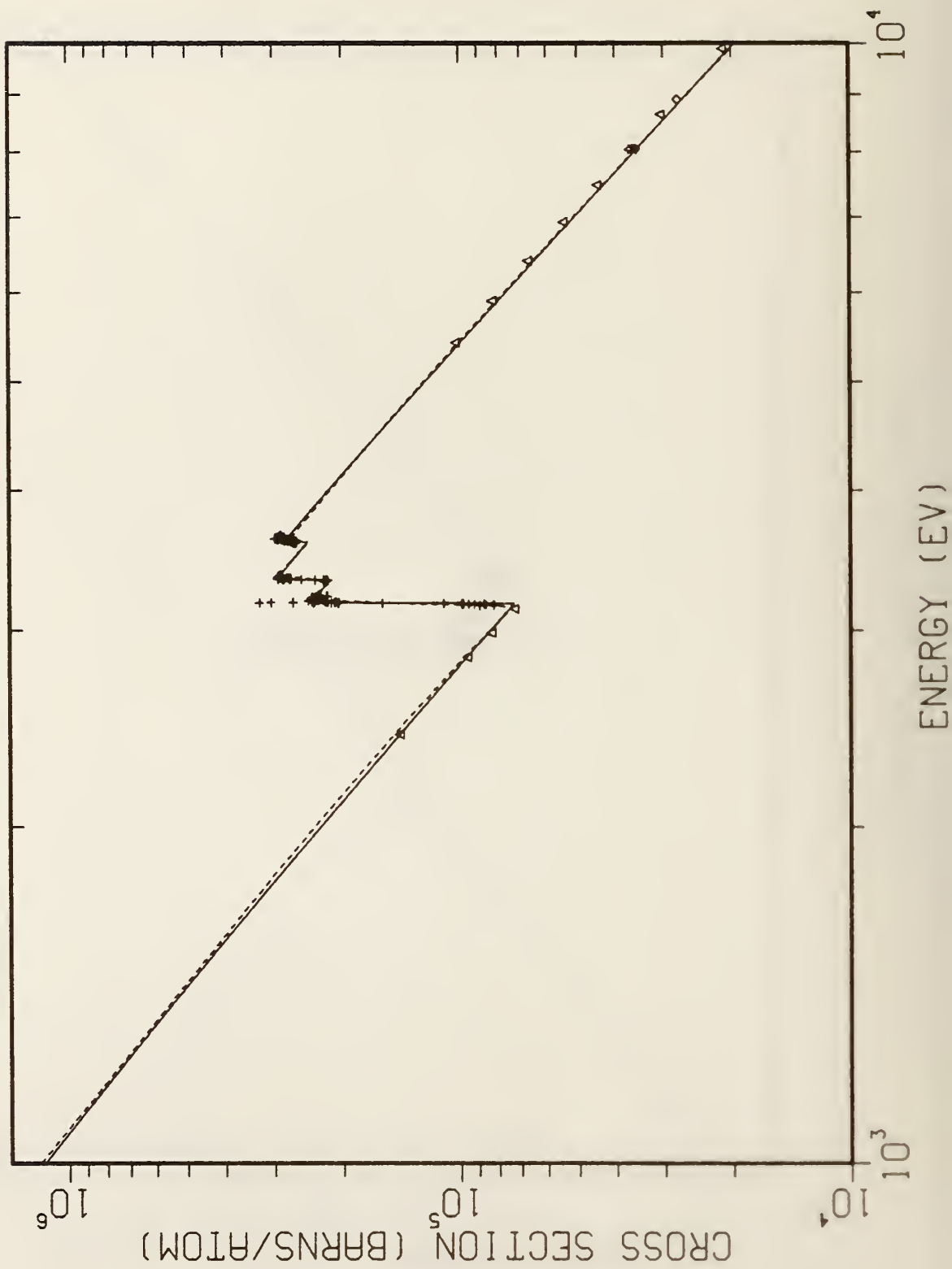
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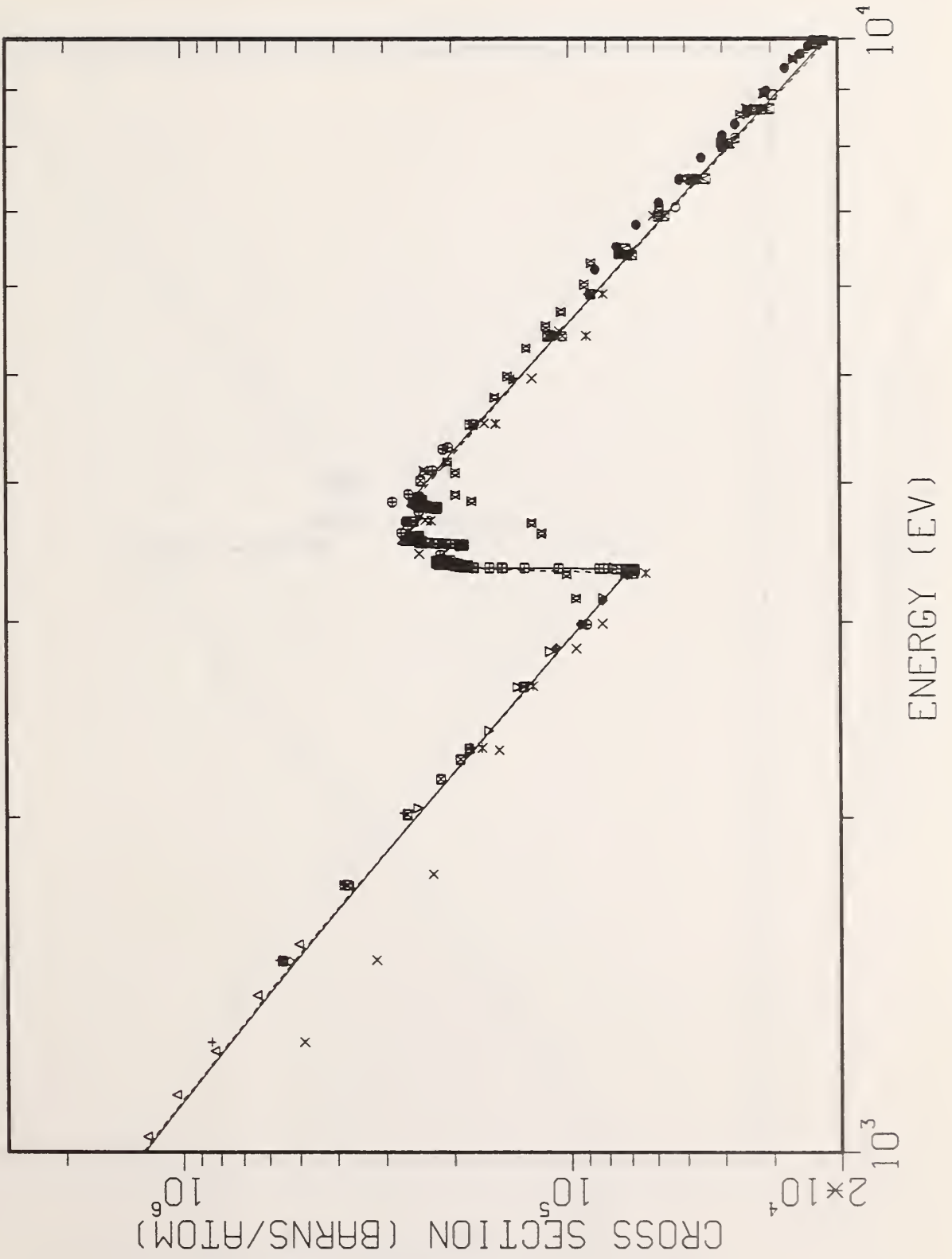
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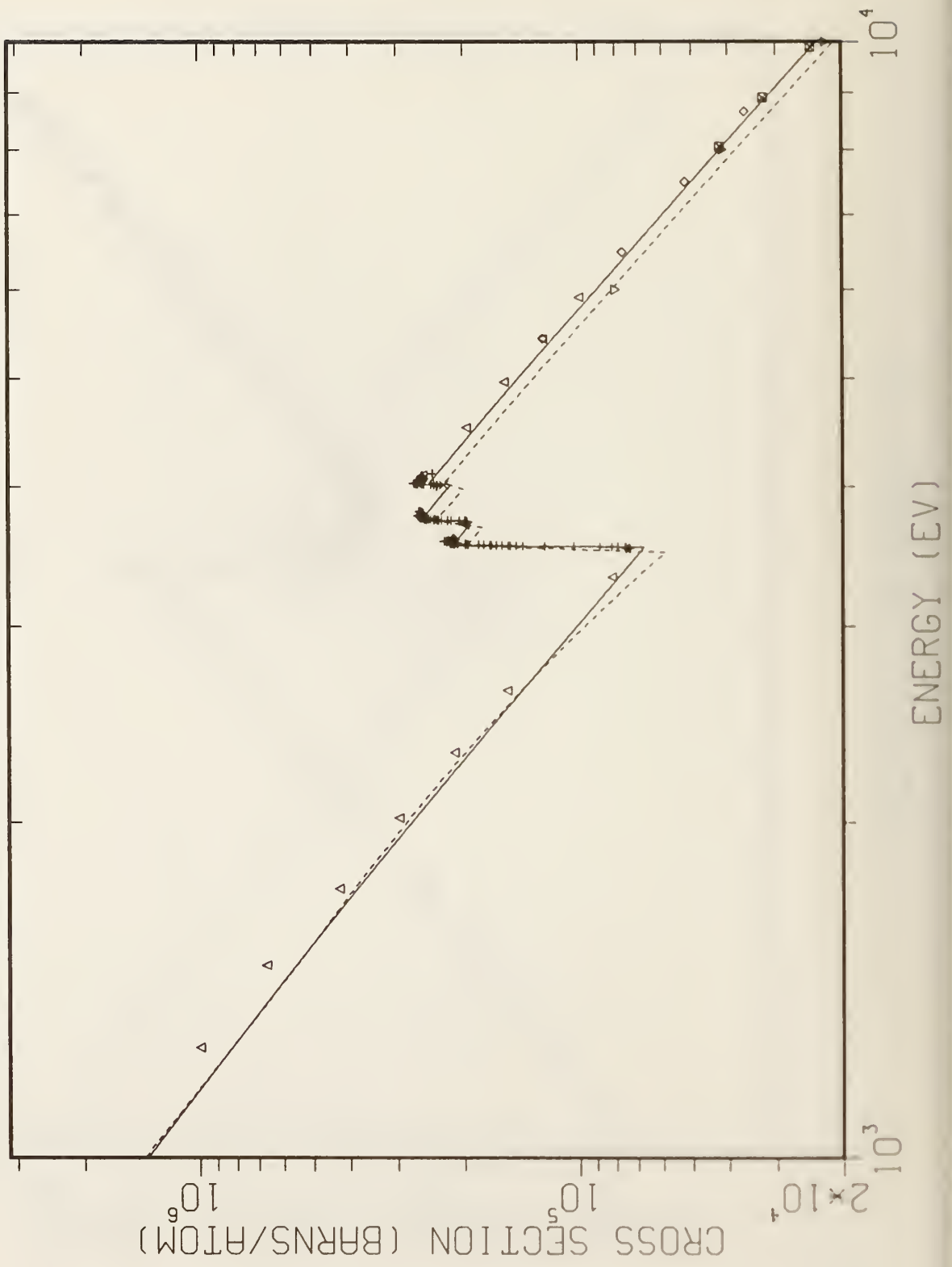
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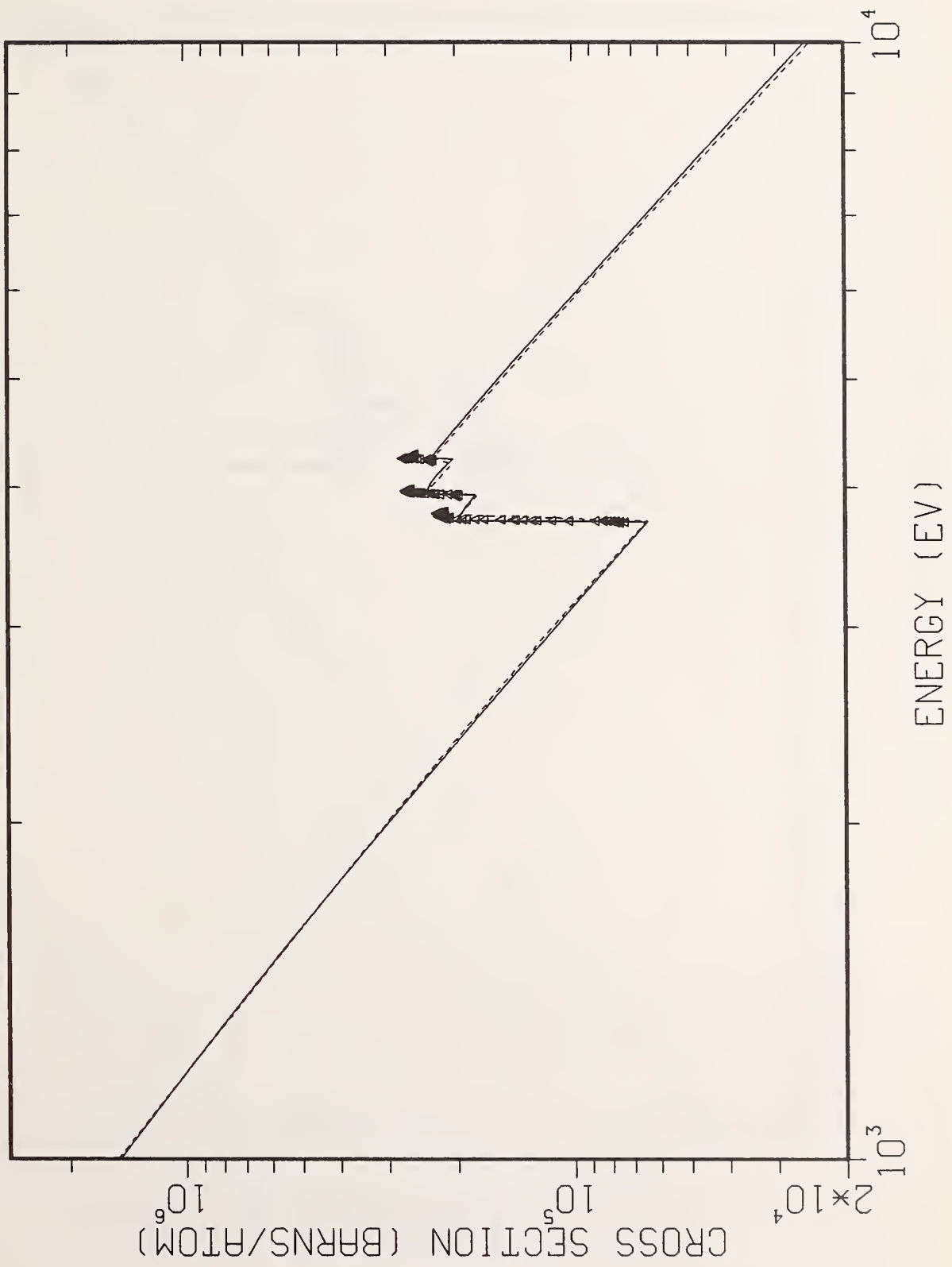
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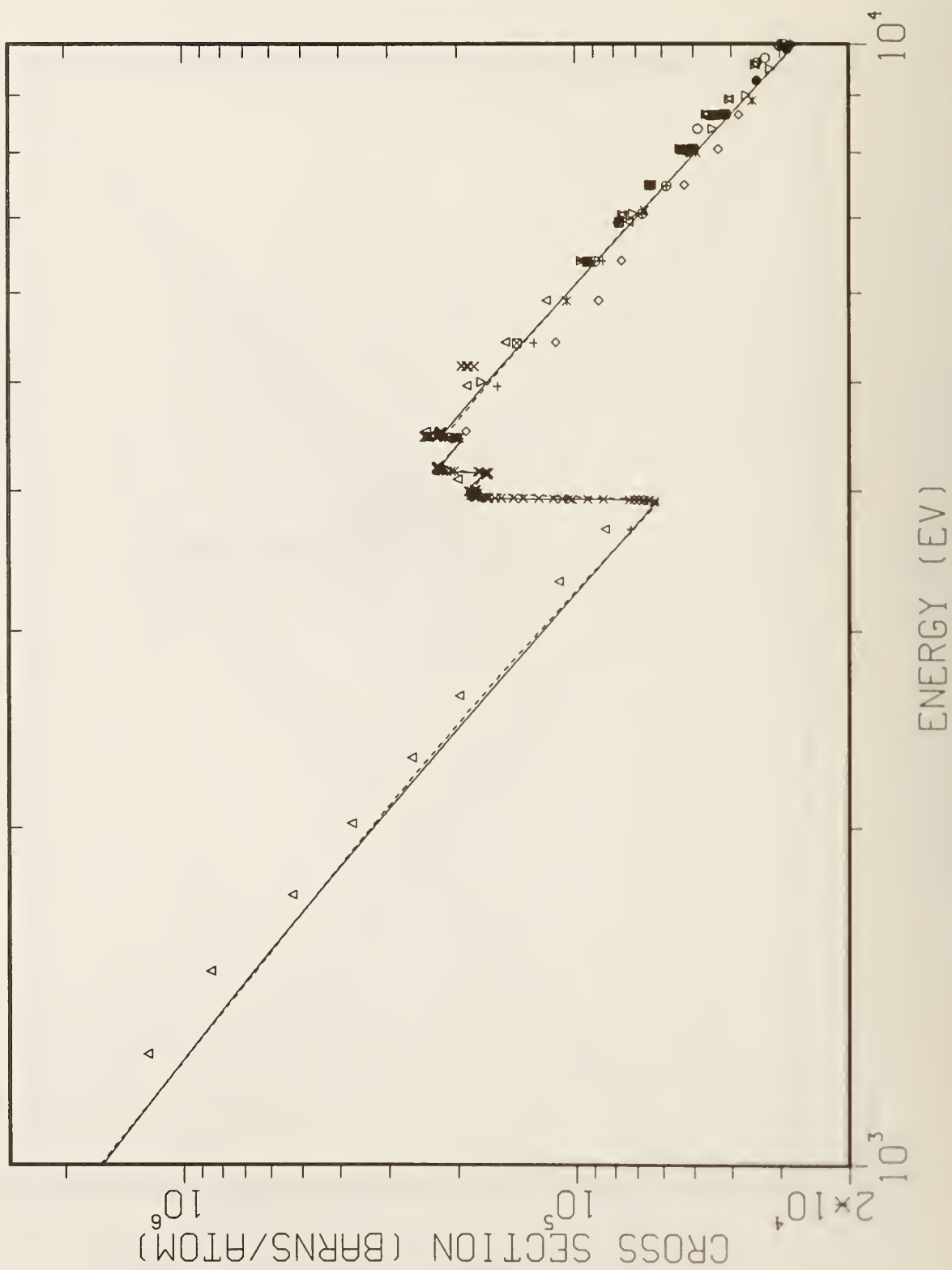
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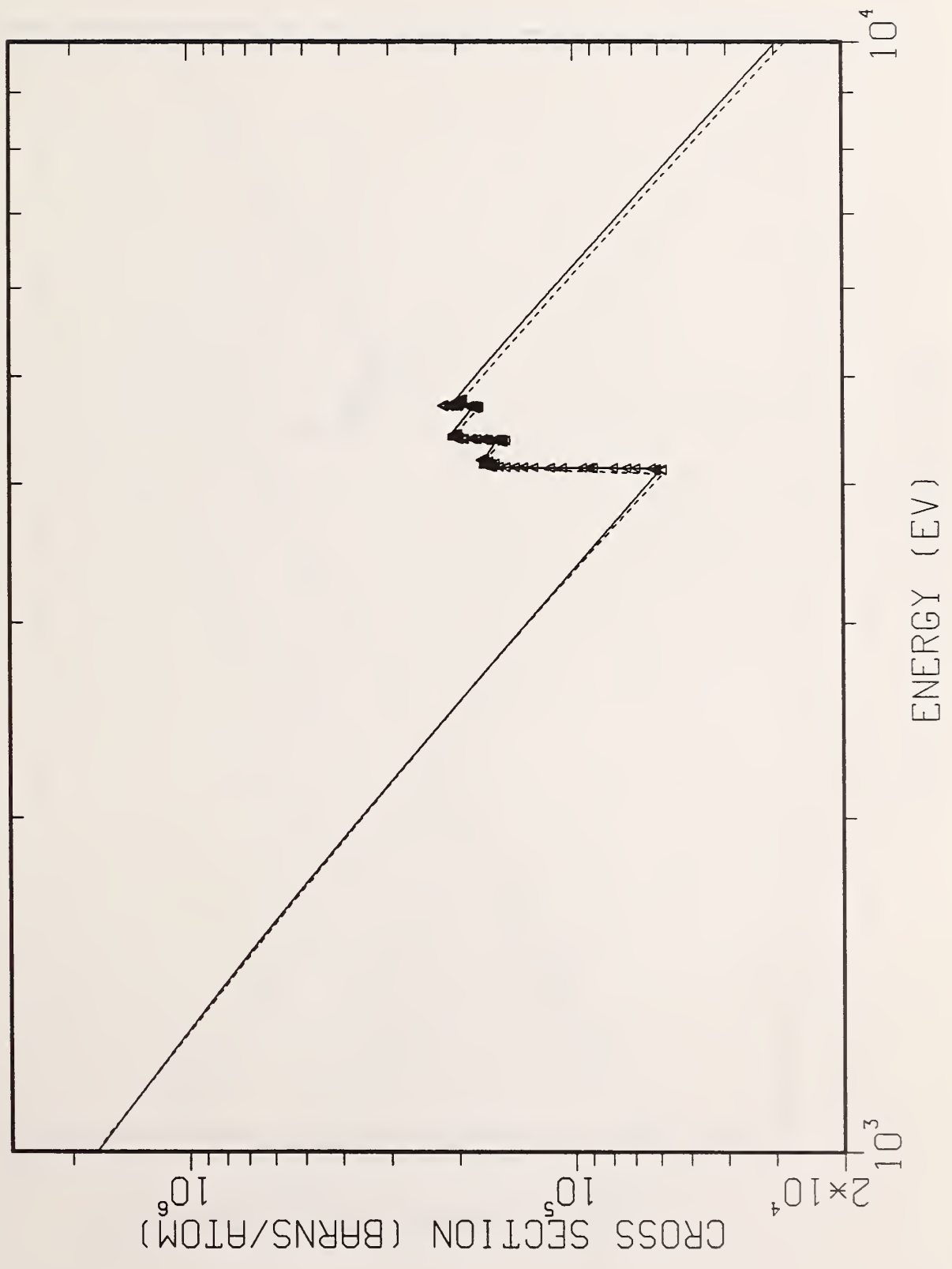
ATOMIC NUMBER 49



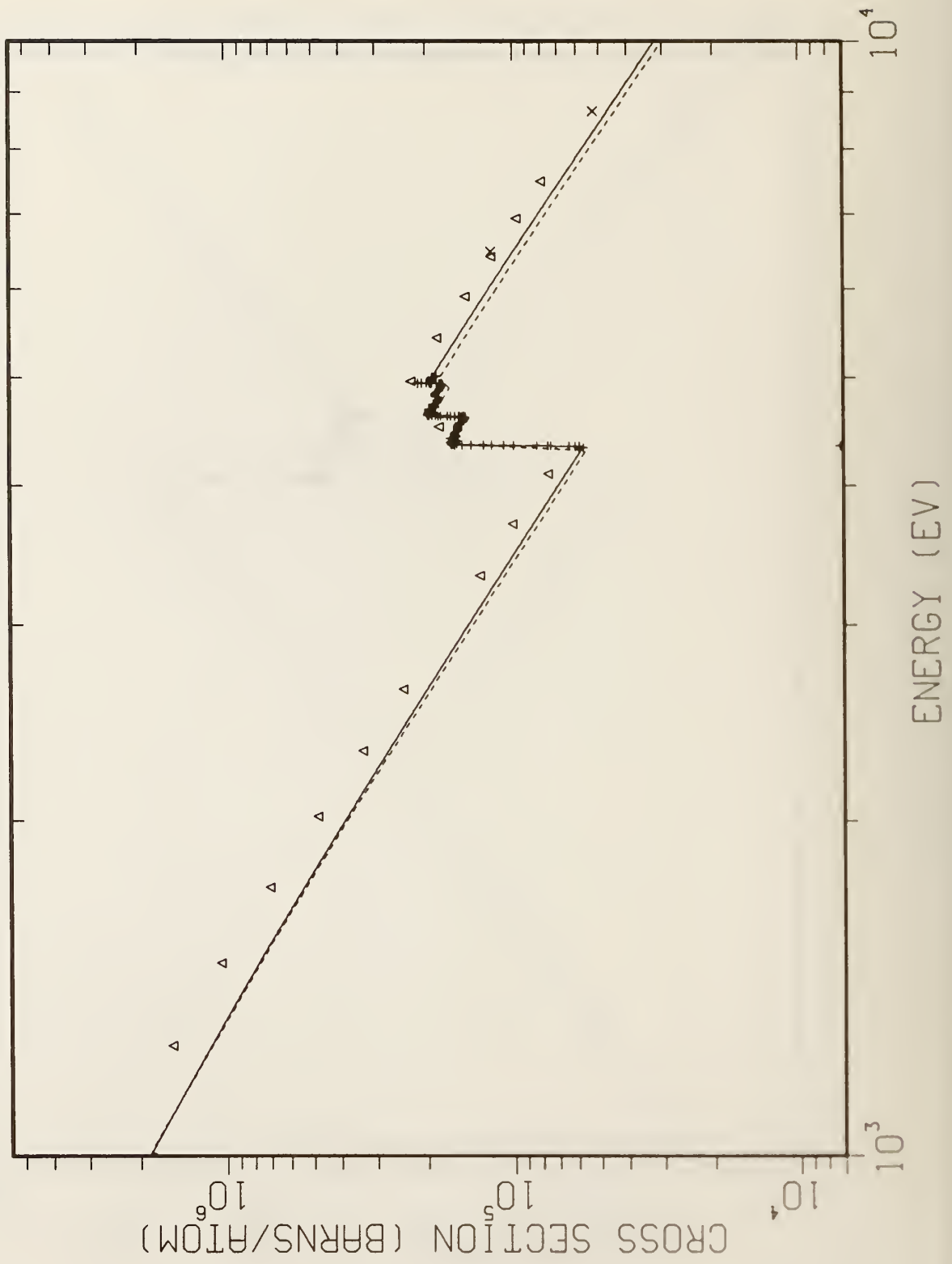
# ATOMIC NUMBER 50



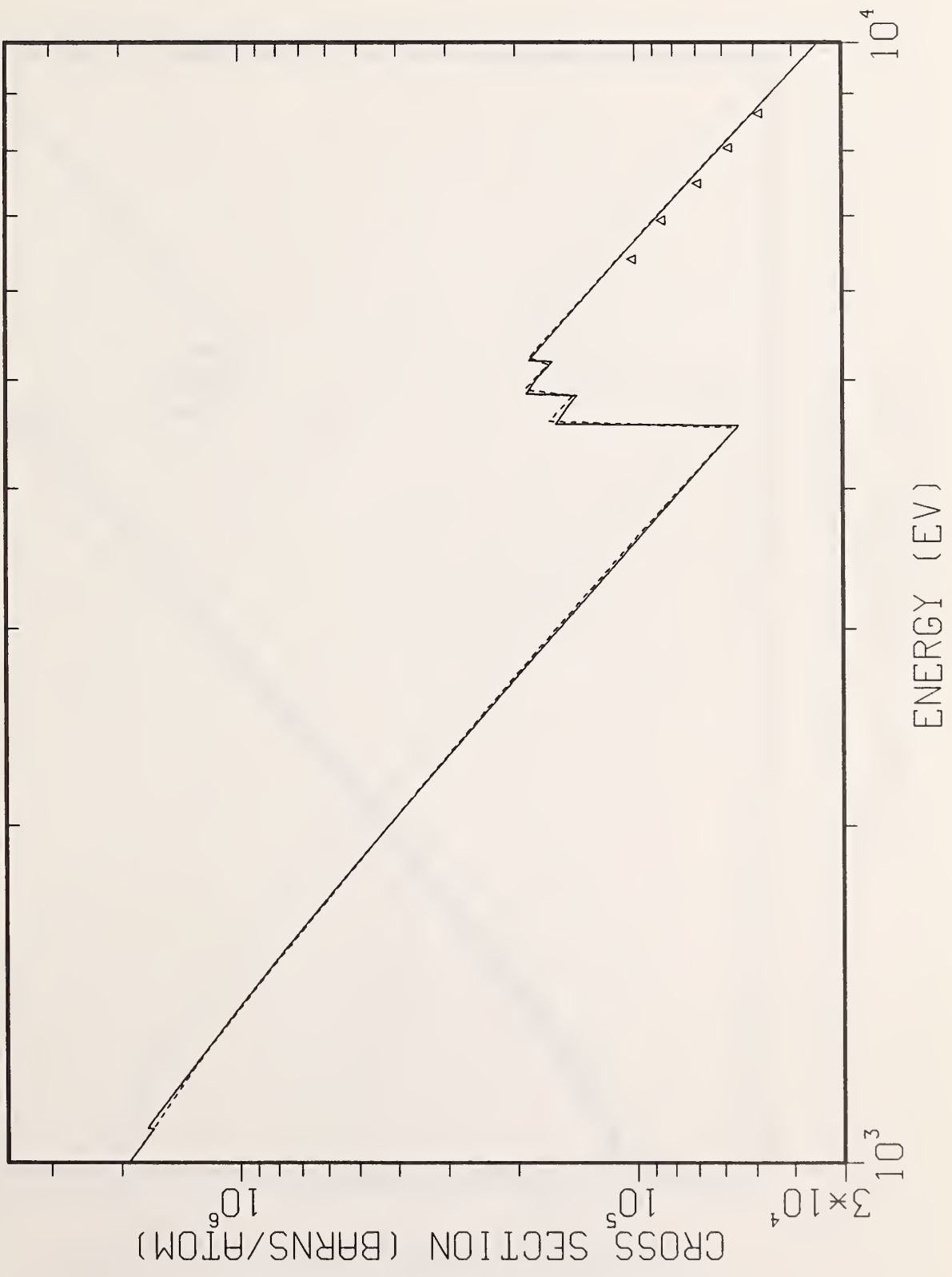




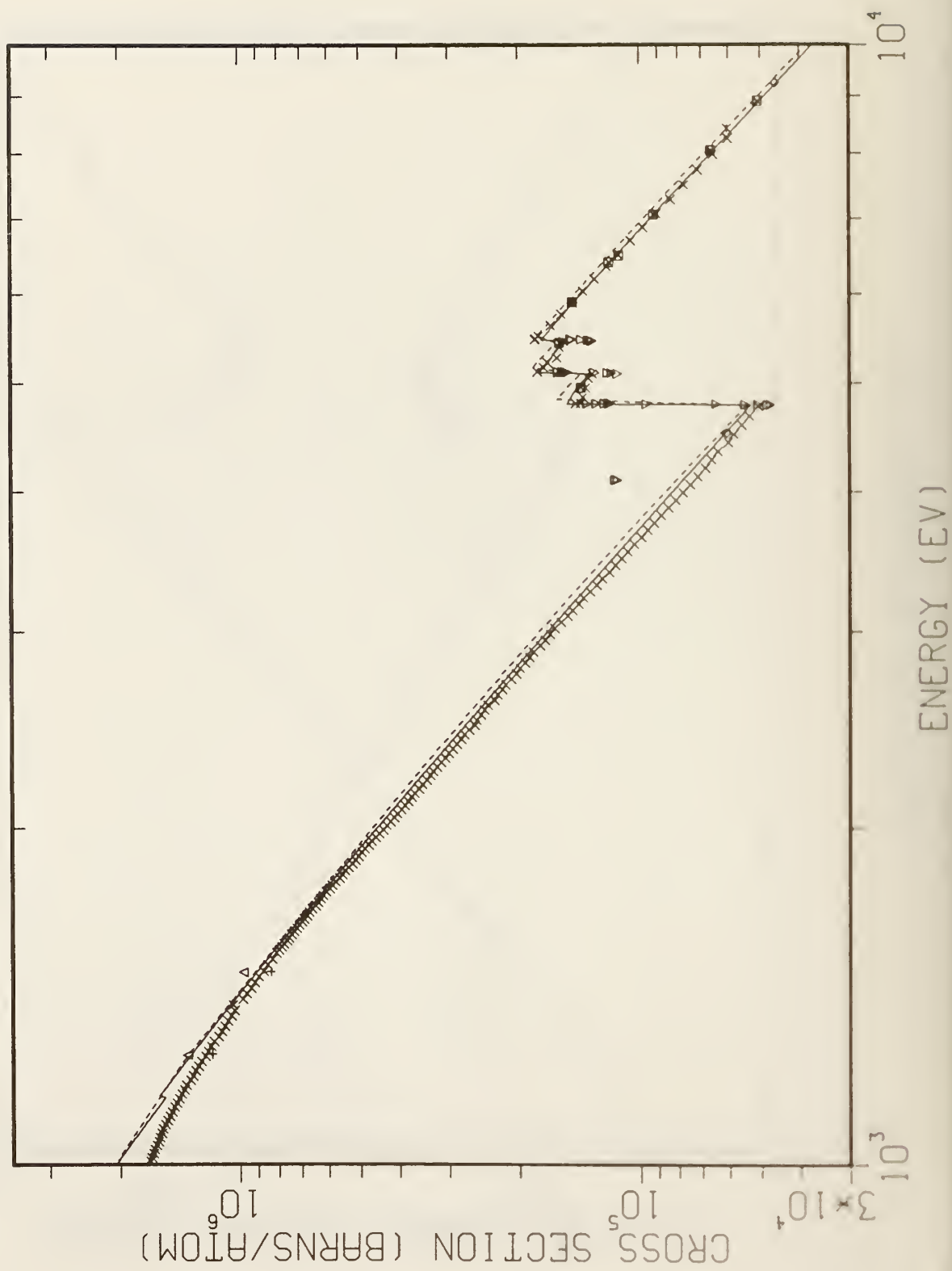
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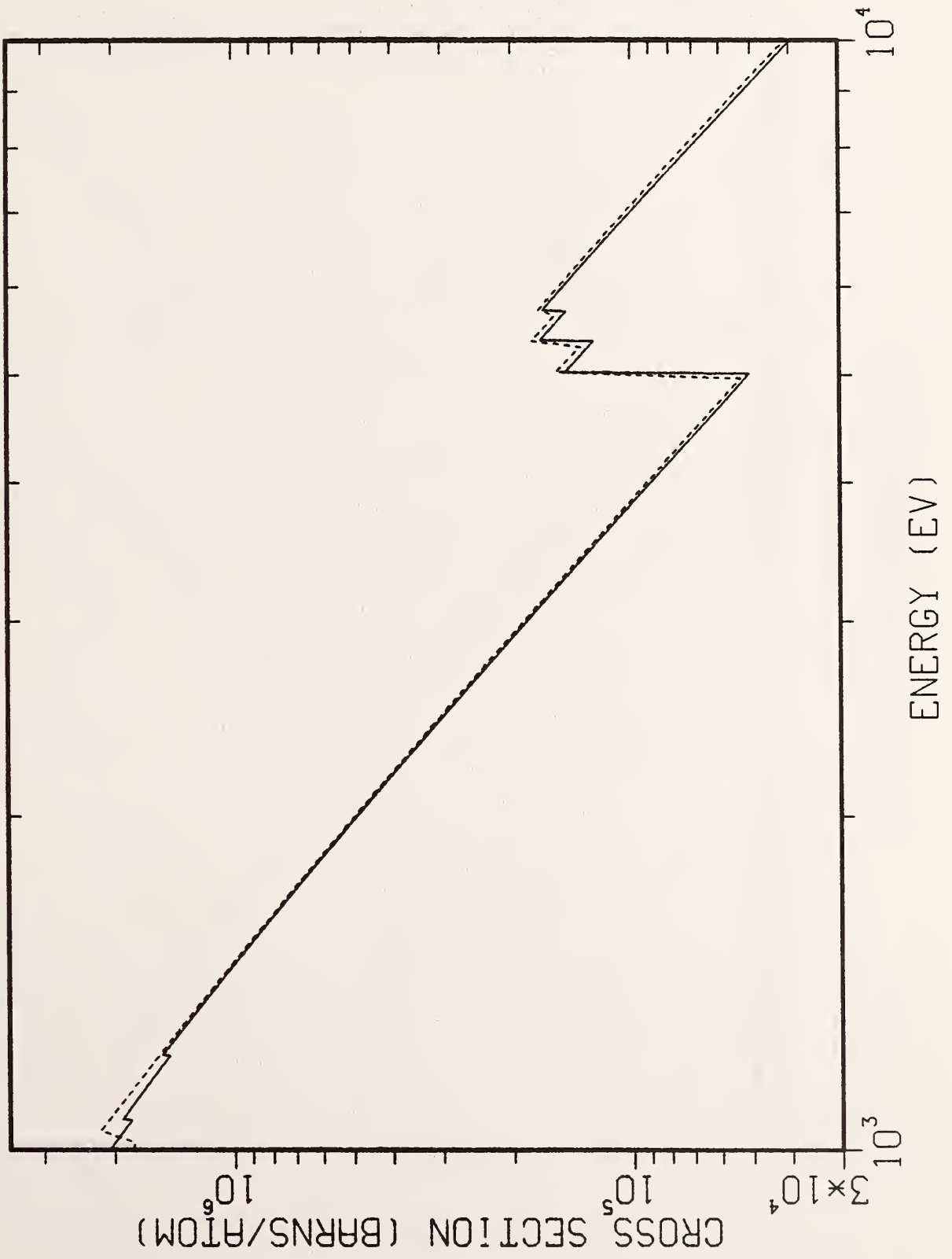


ATOMIC NUMBER 53

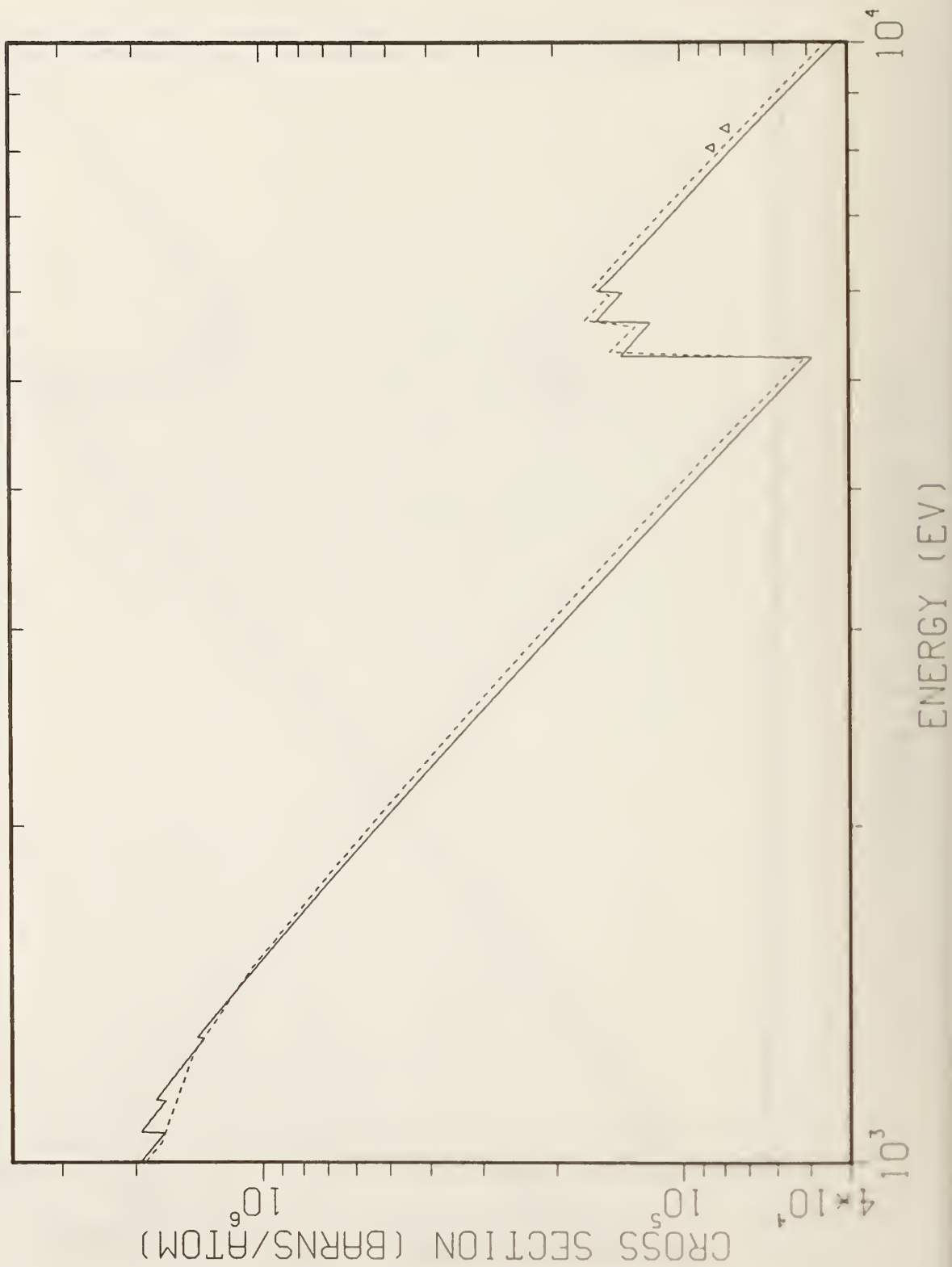


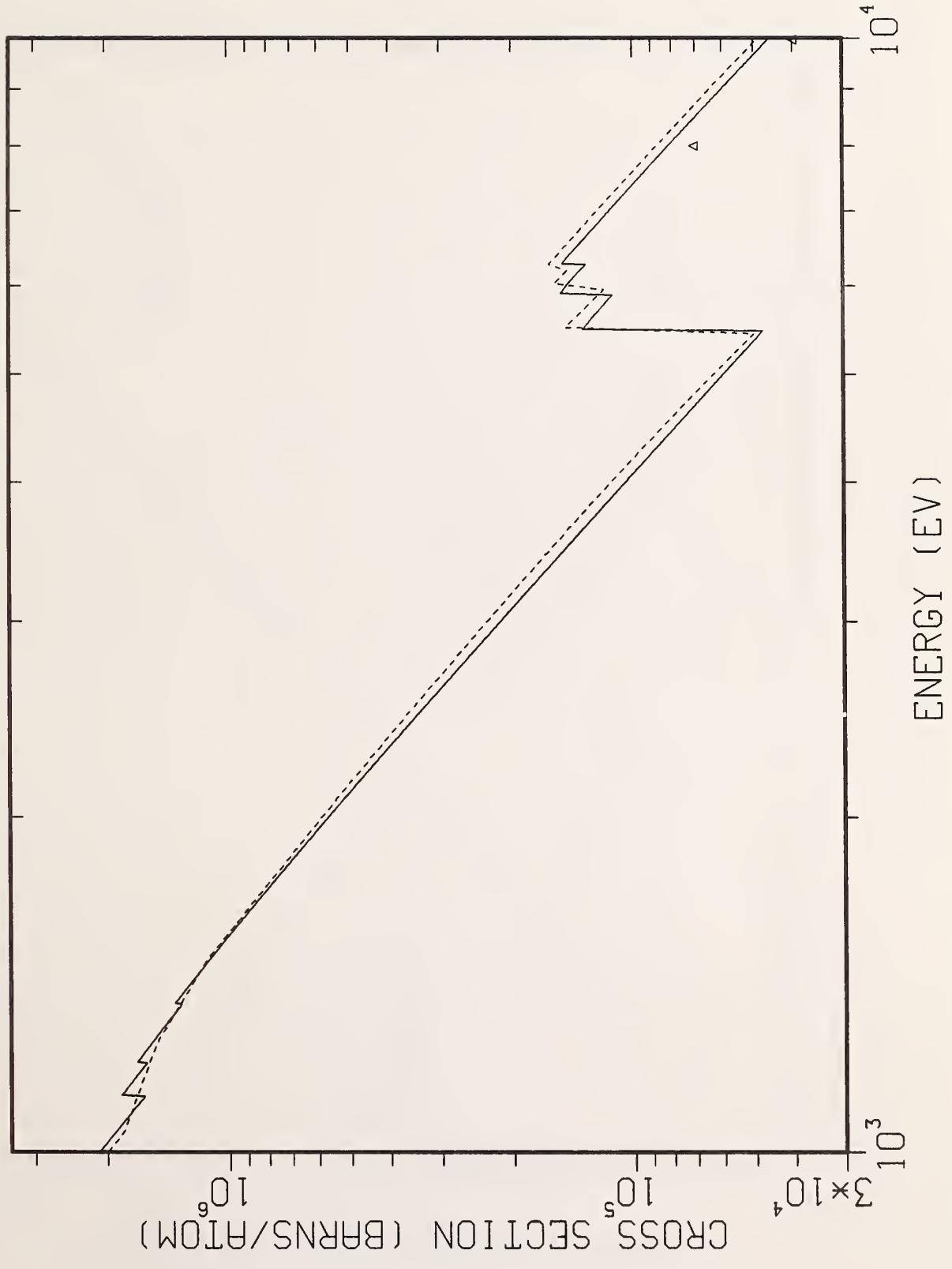
# ATOMIC NUMBER 54



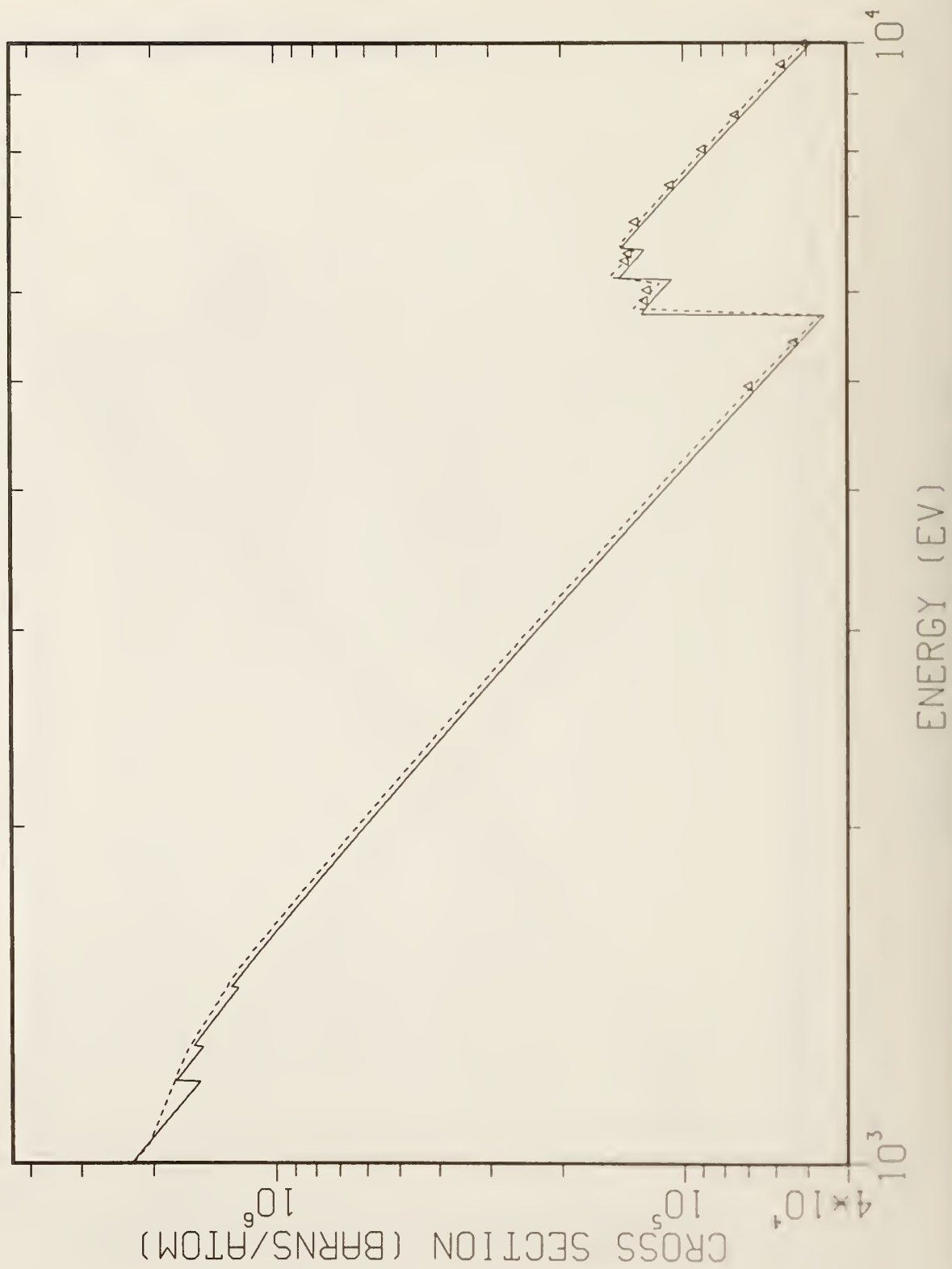


ATOMIC NUMBER 56

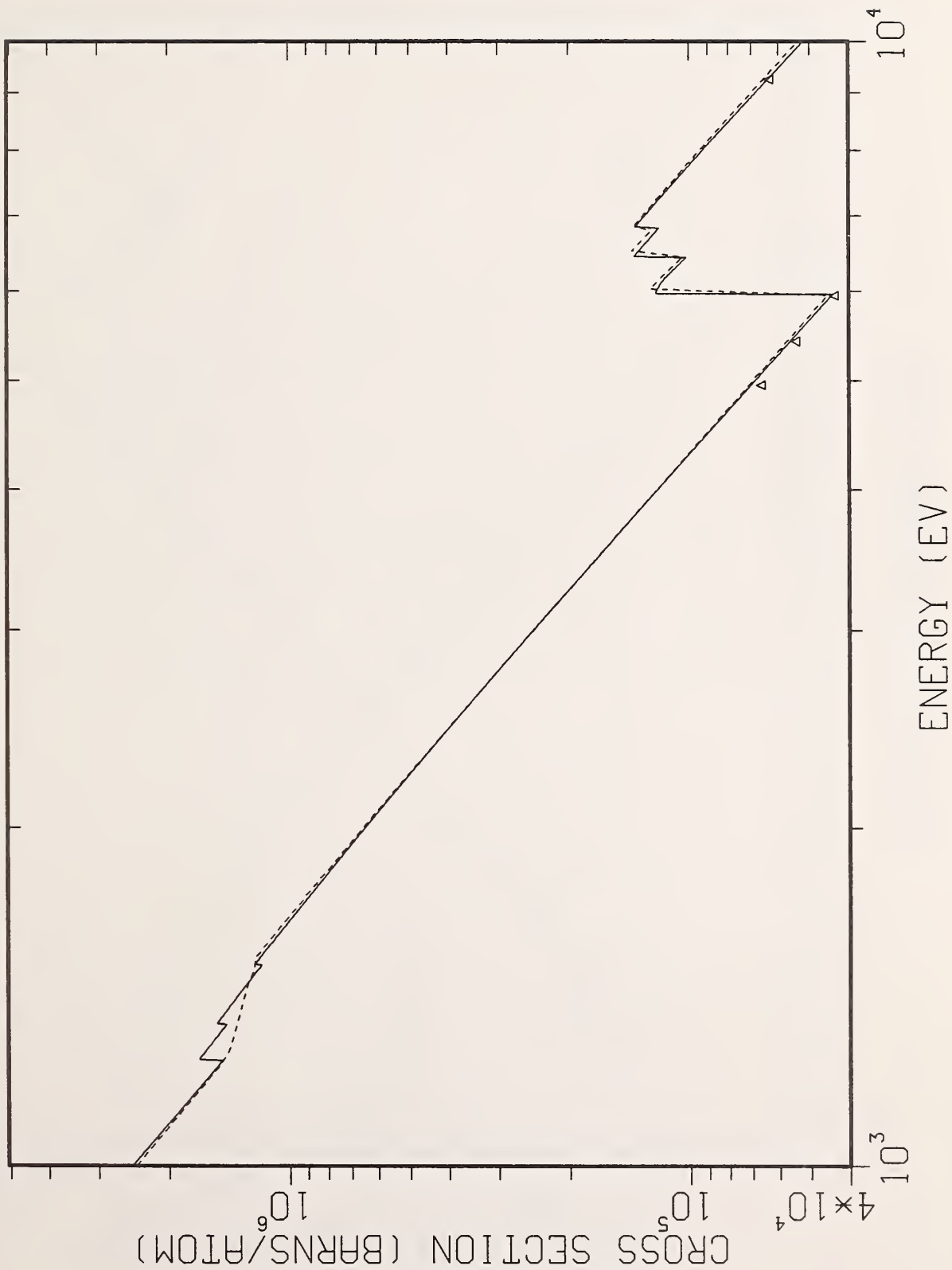




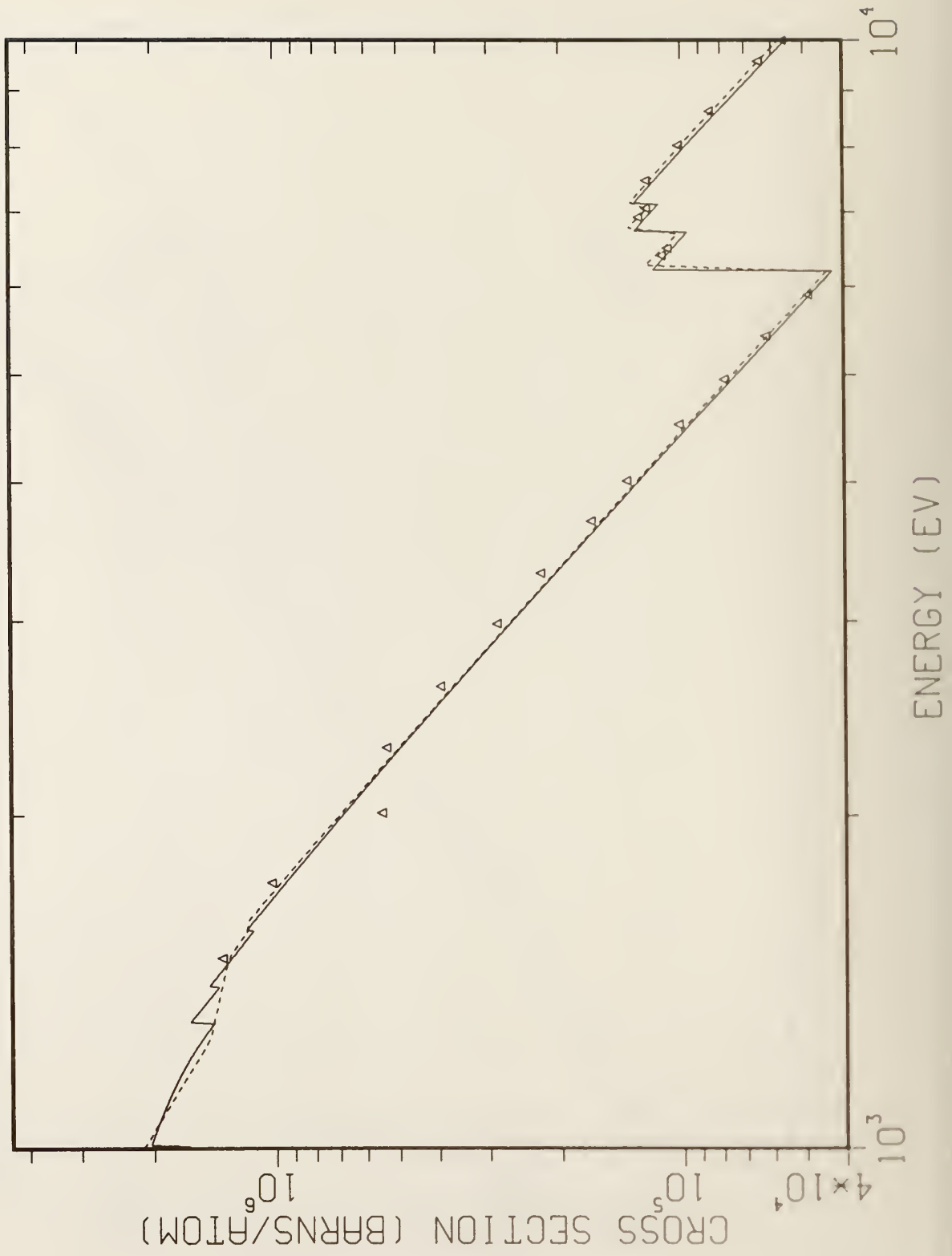
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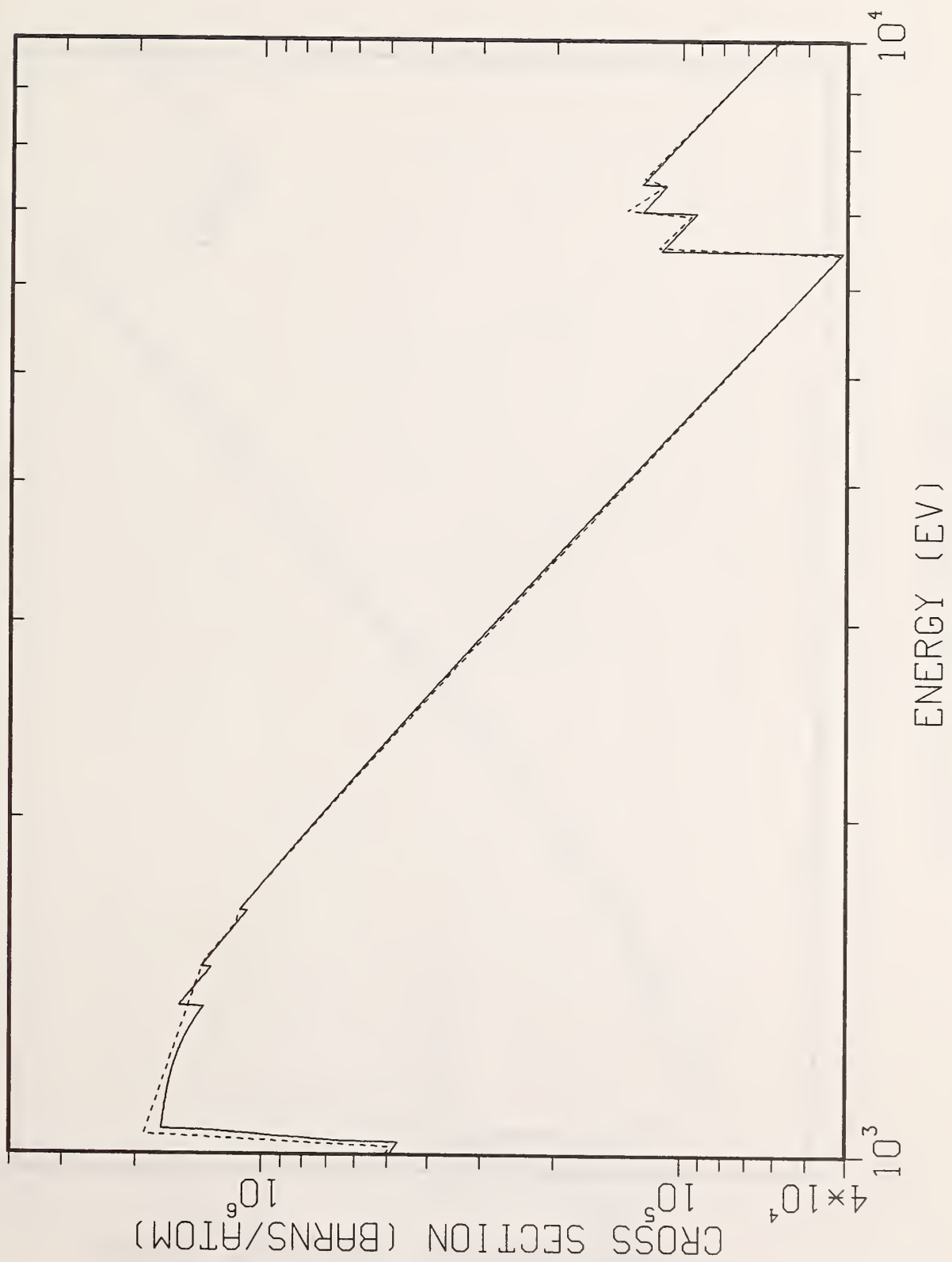




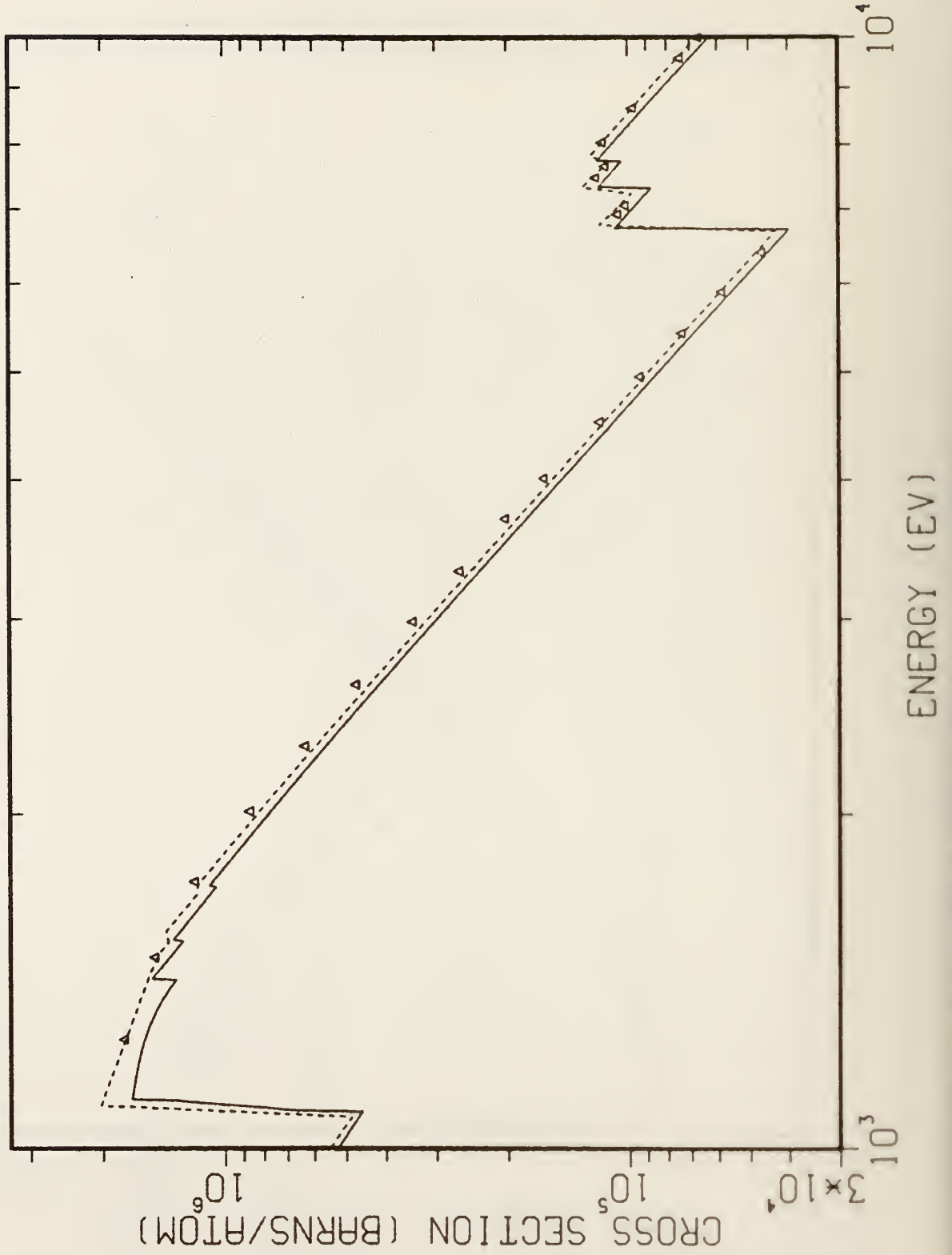


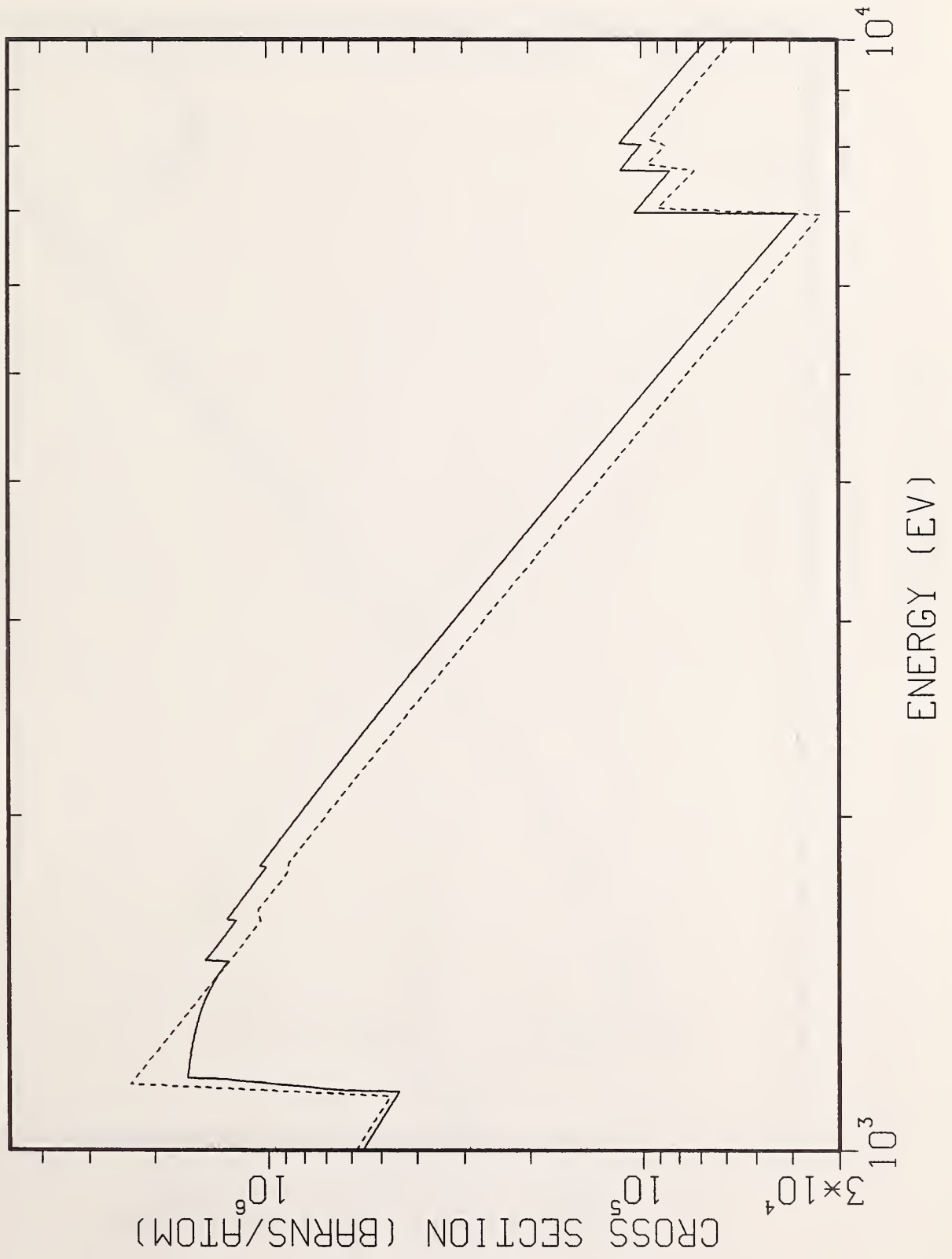
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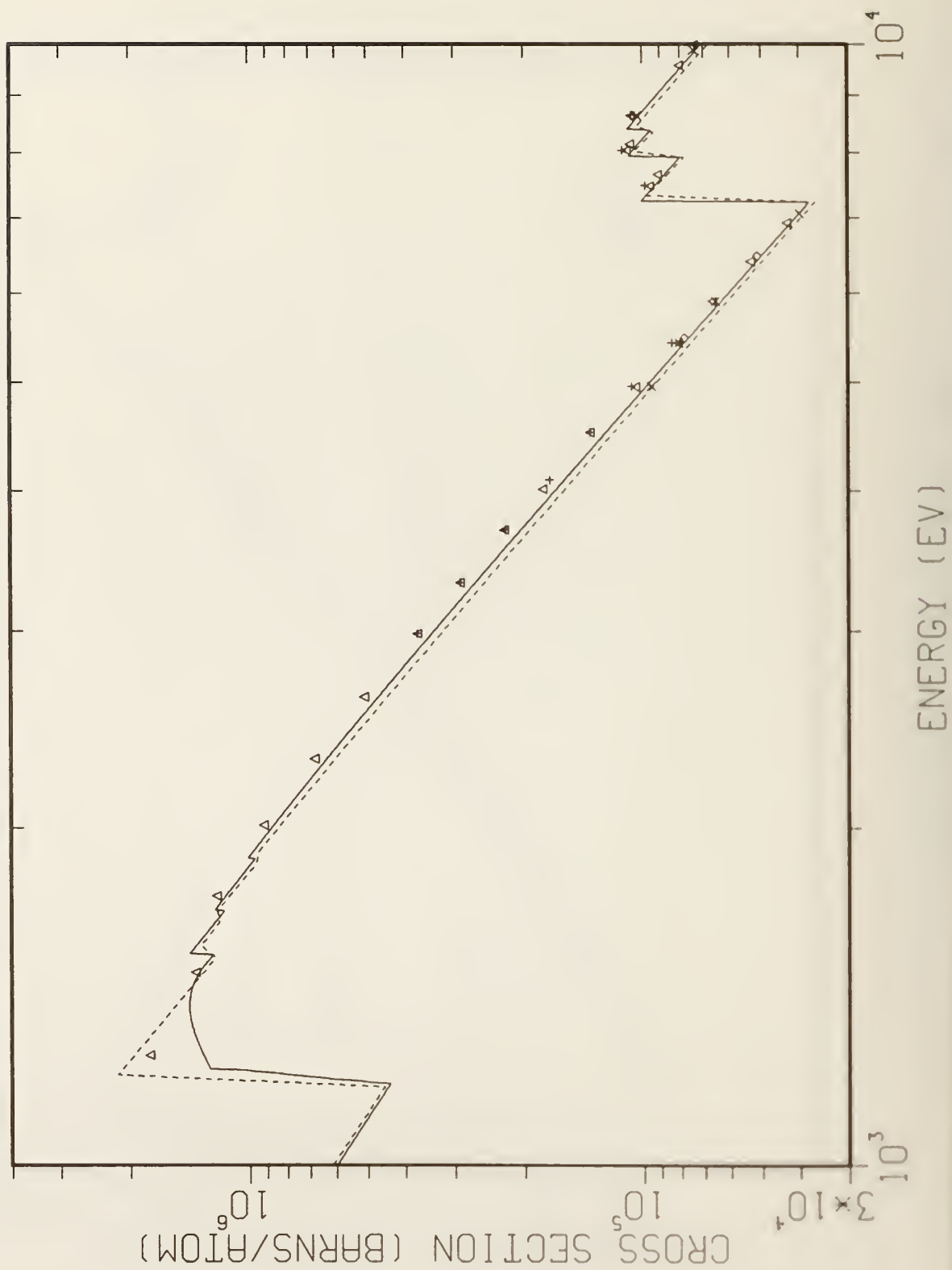


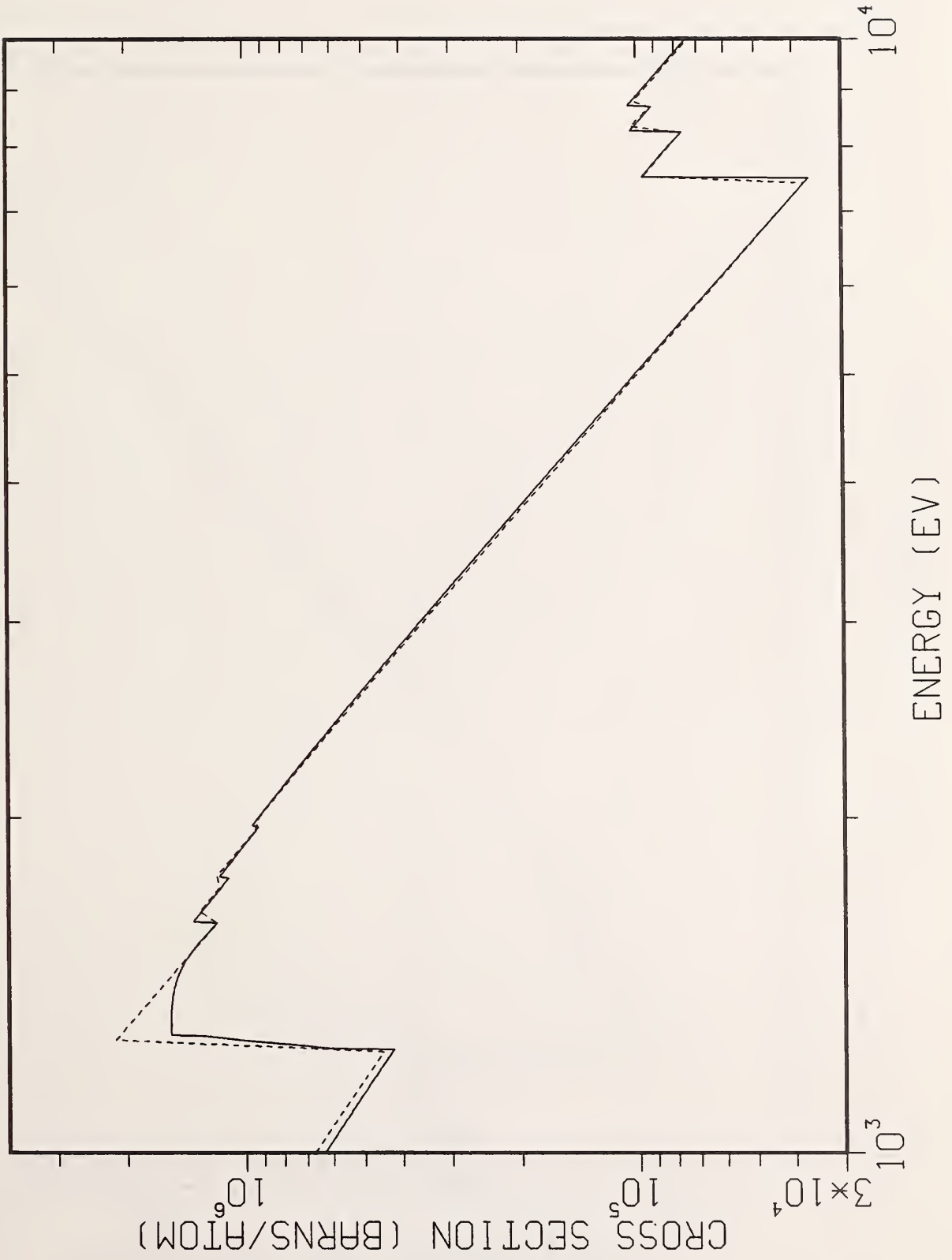
# ATOMIC NUMBER 62



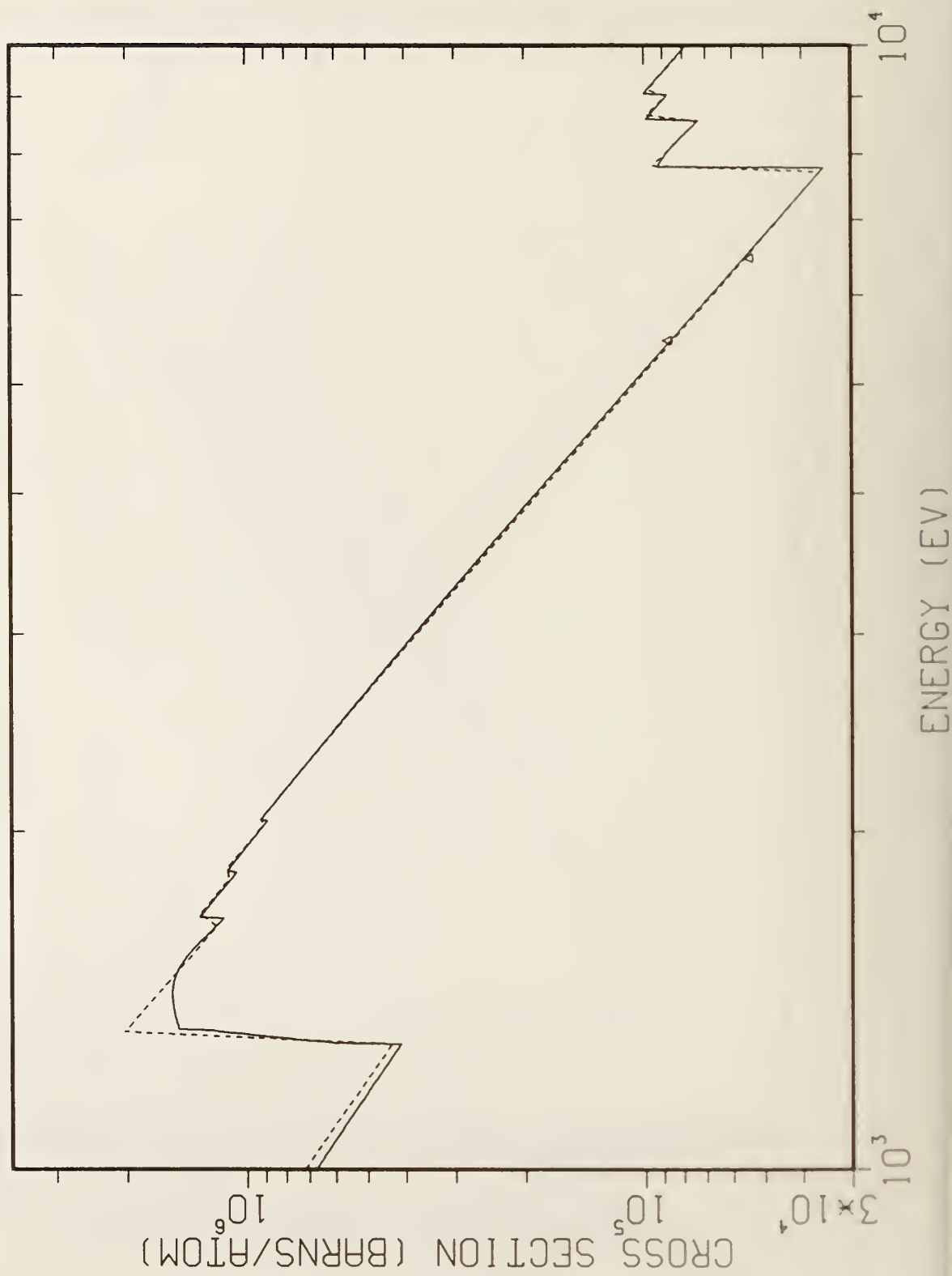


# ATOMIC NUMBER 64

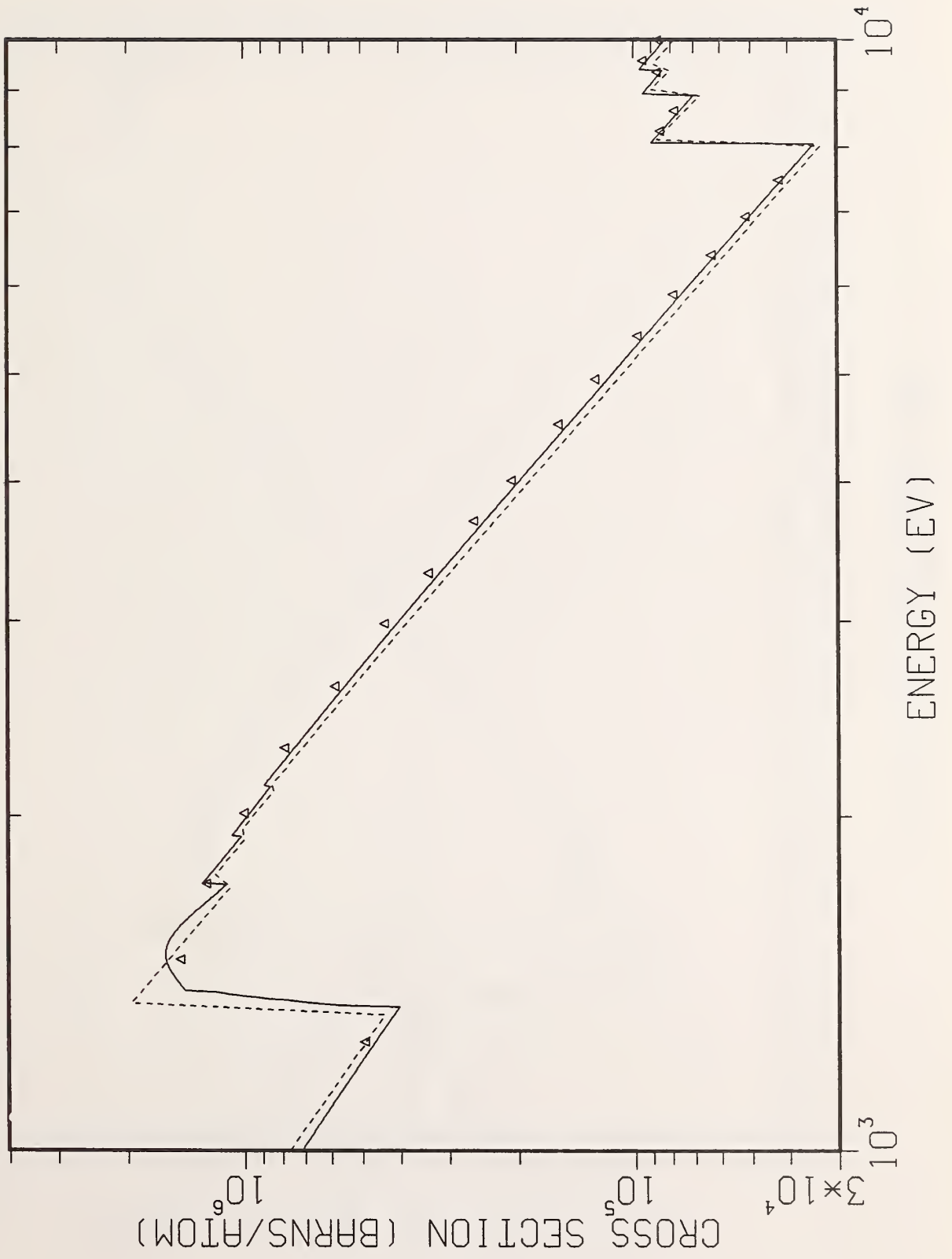




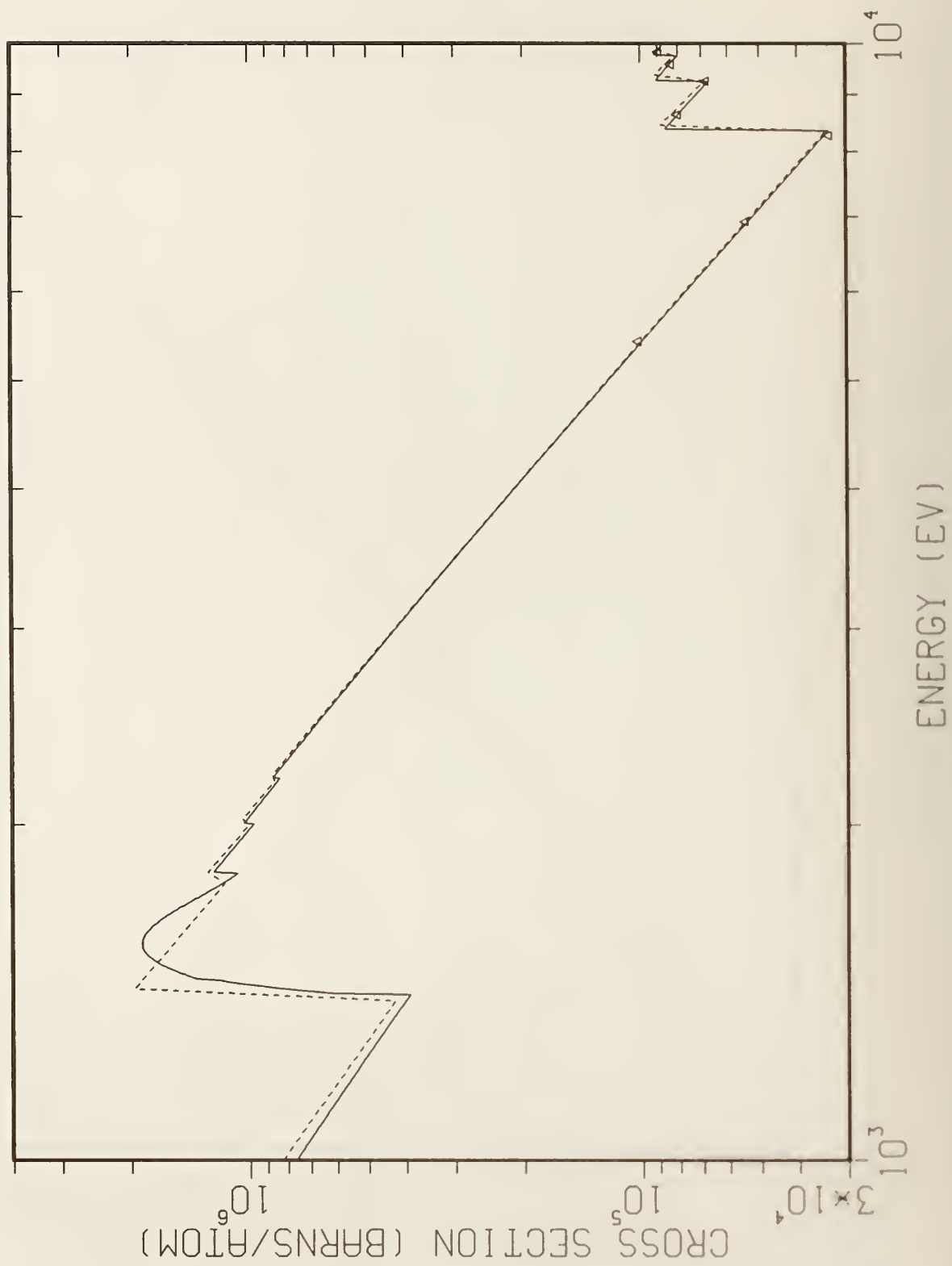
ATOMIC NUMBER 66

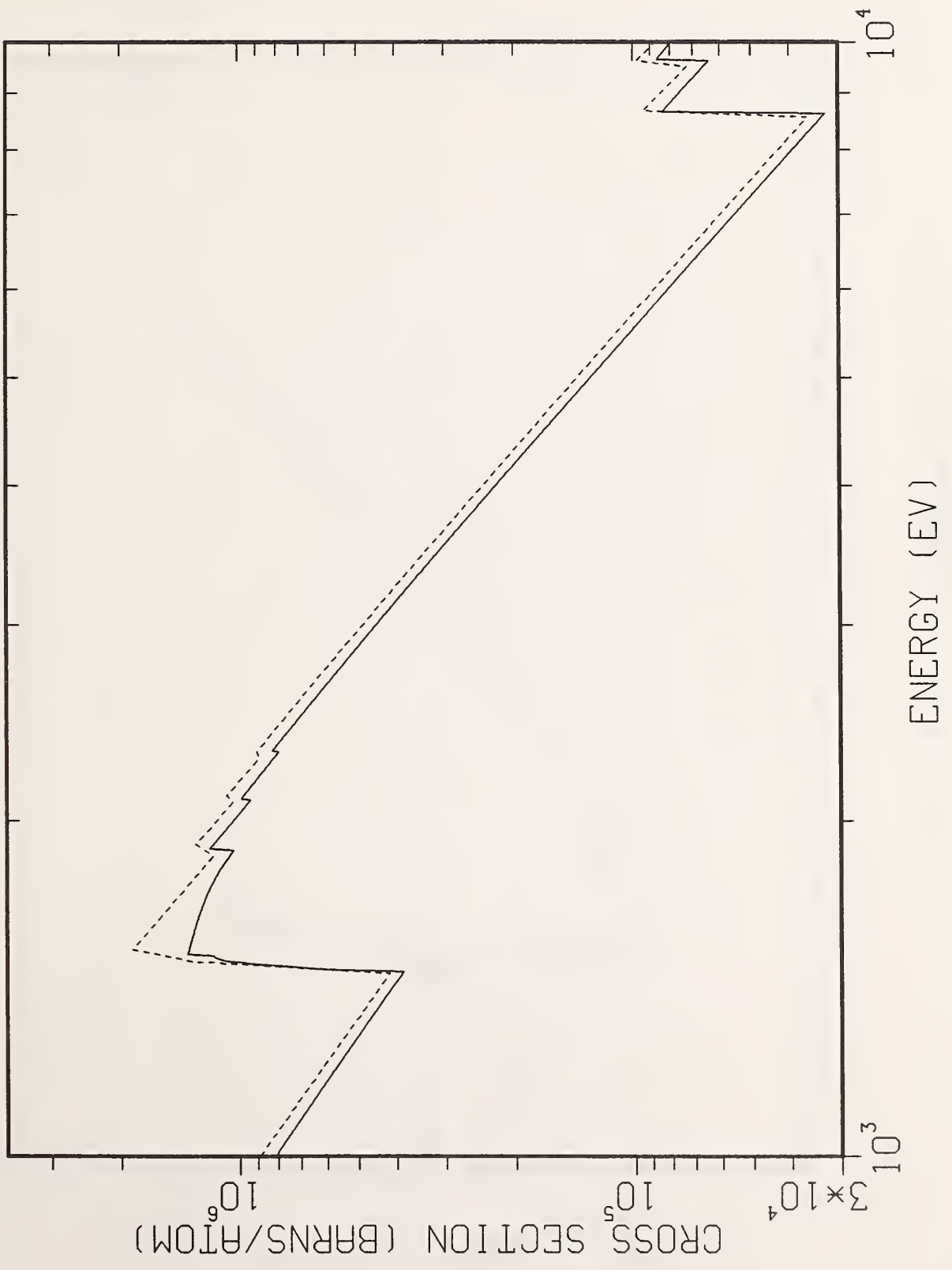




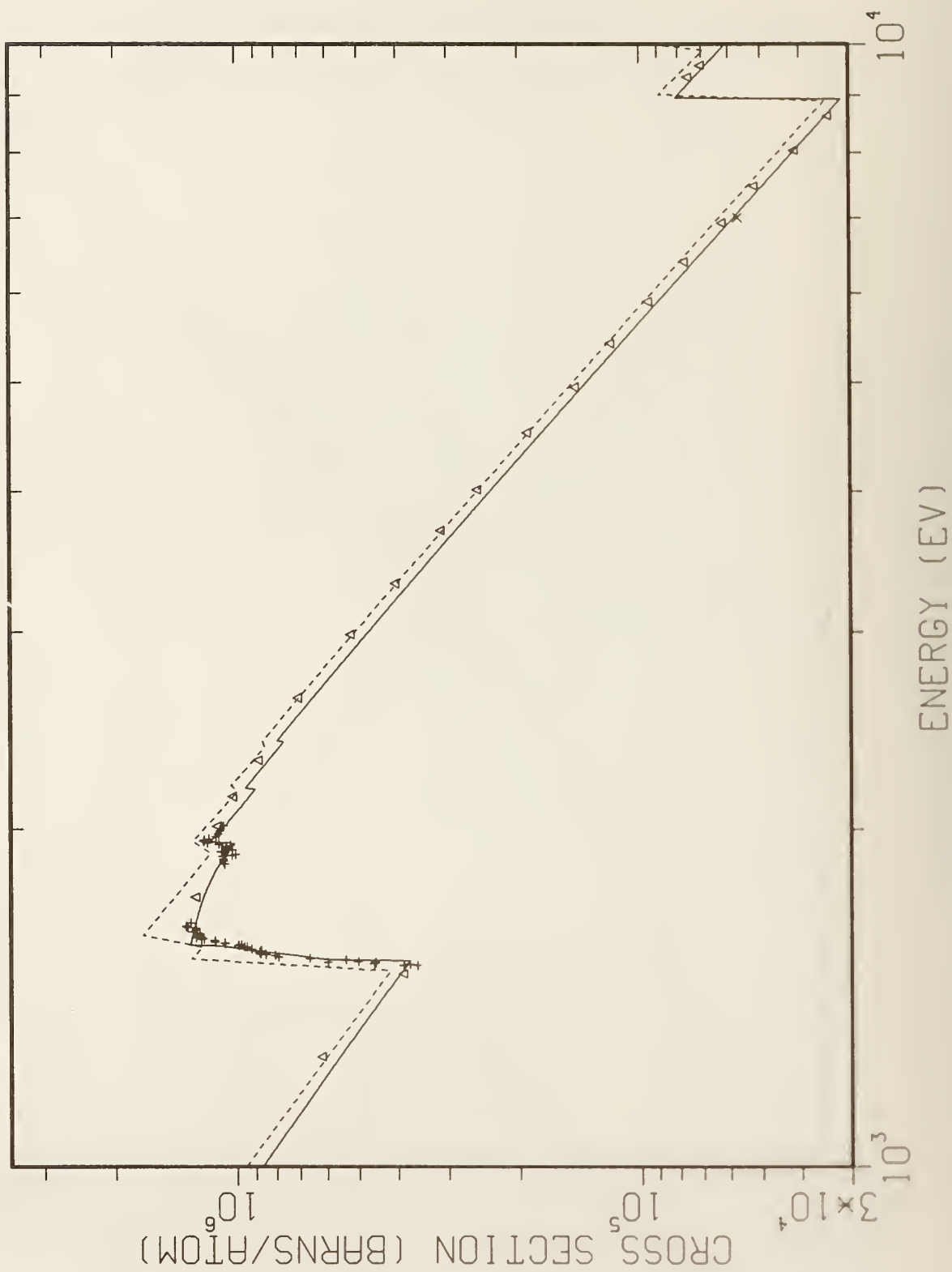


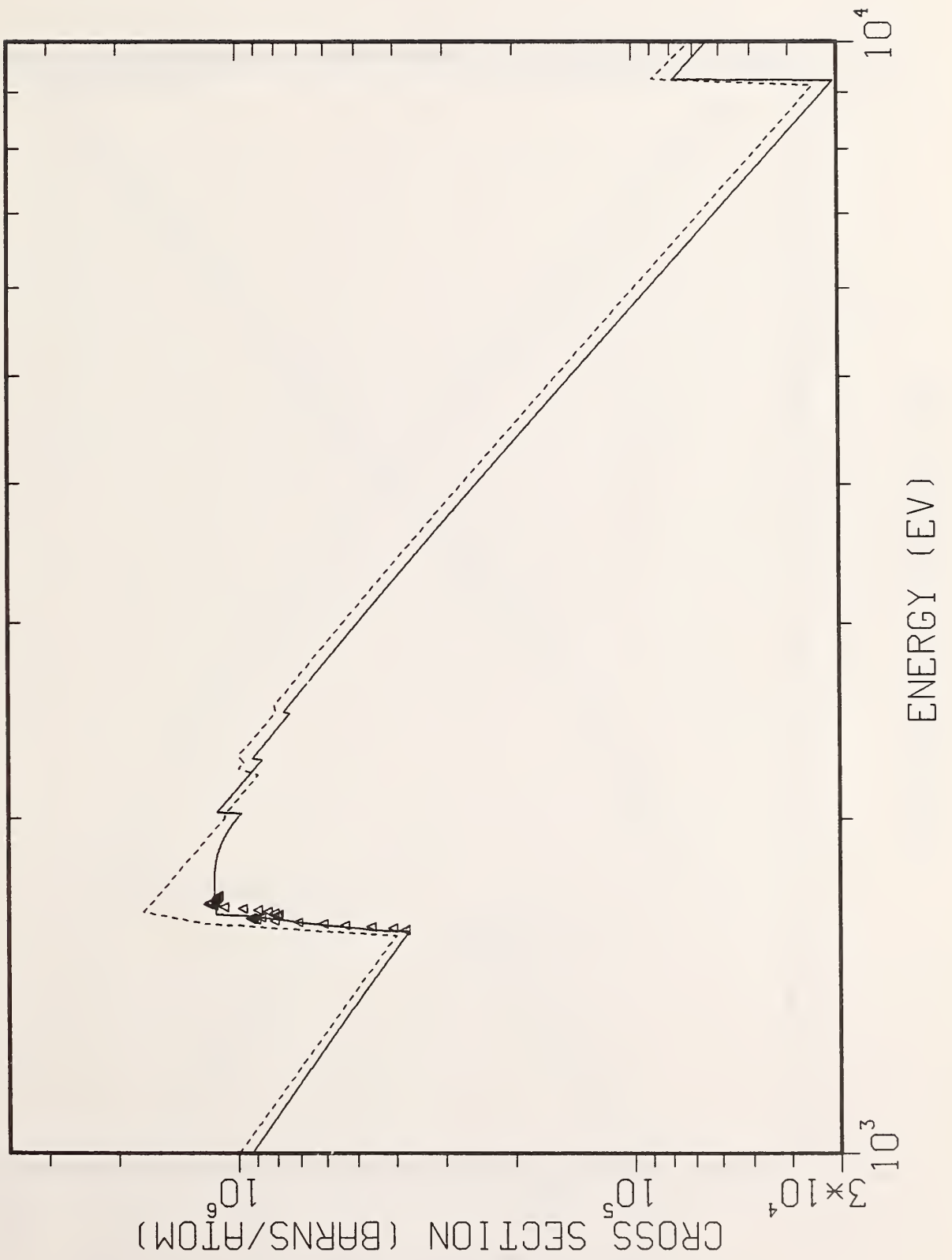
ATOMIC NUMBER 68



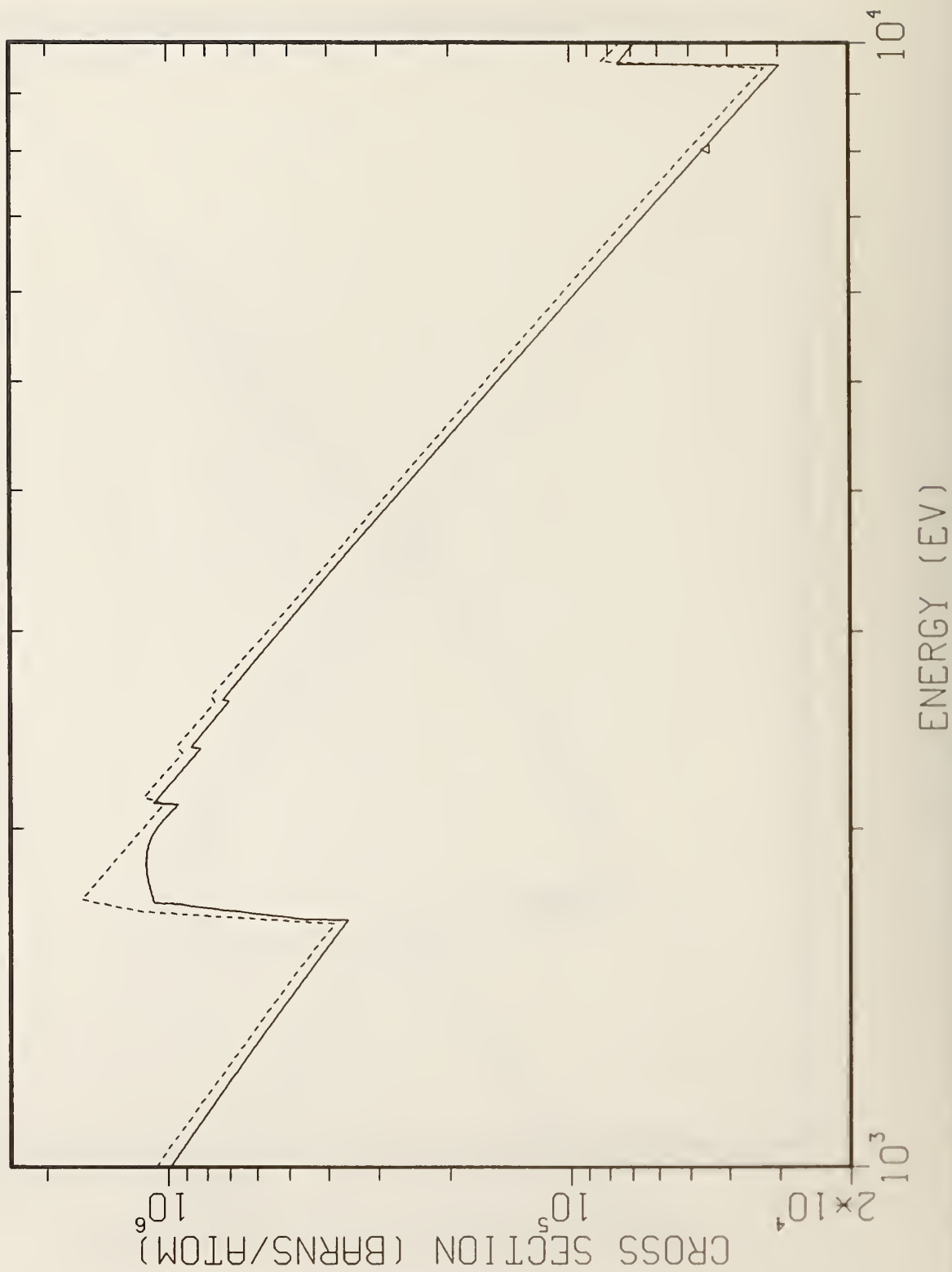


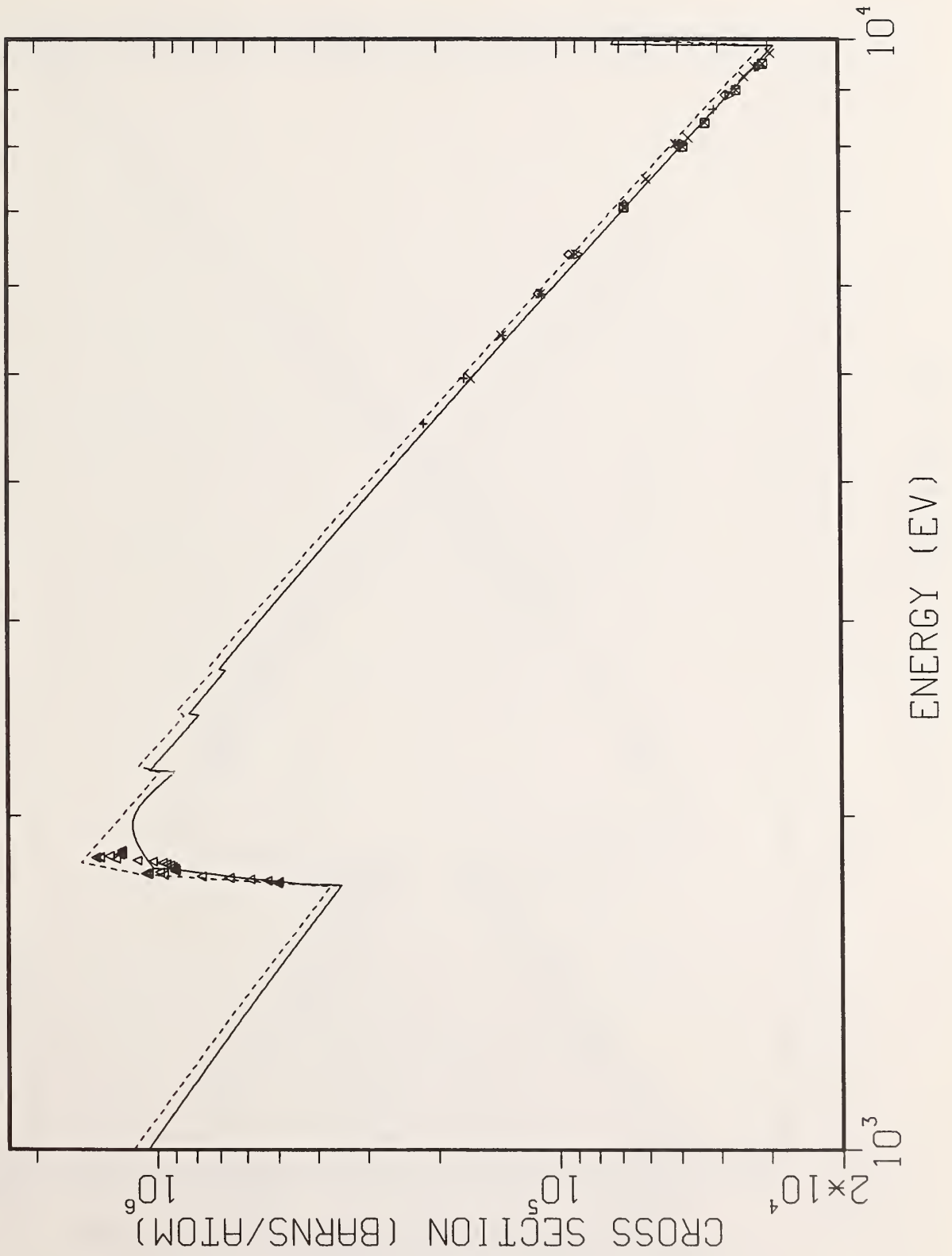
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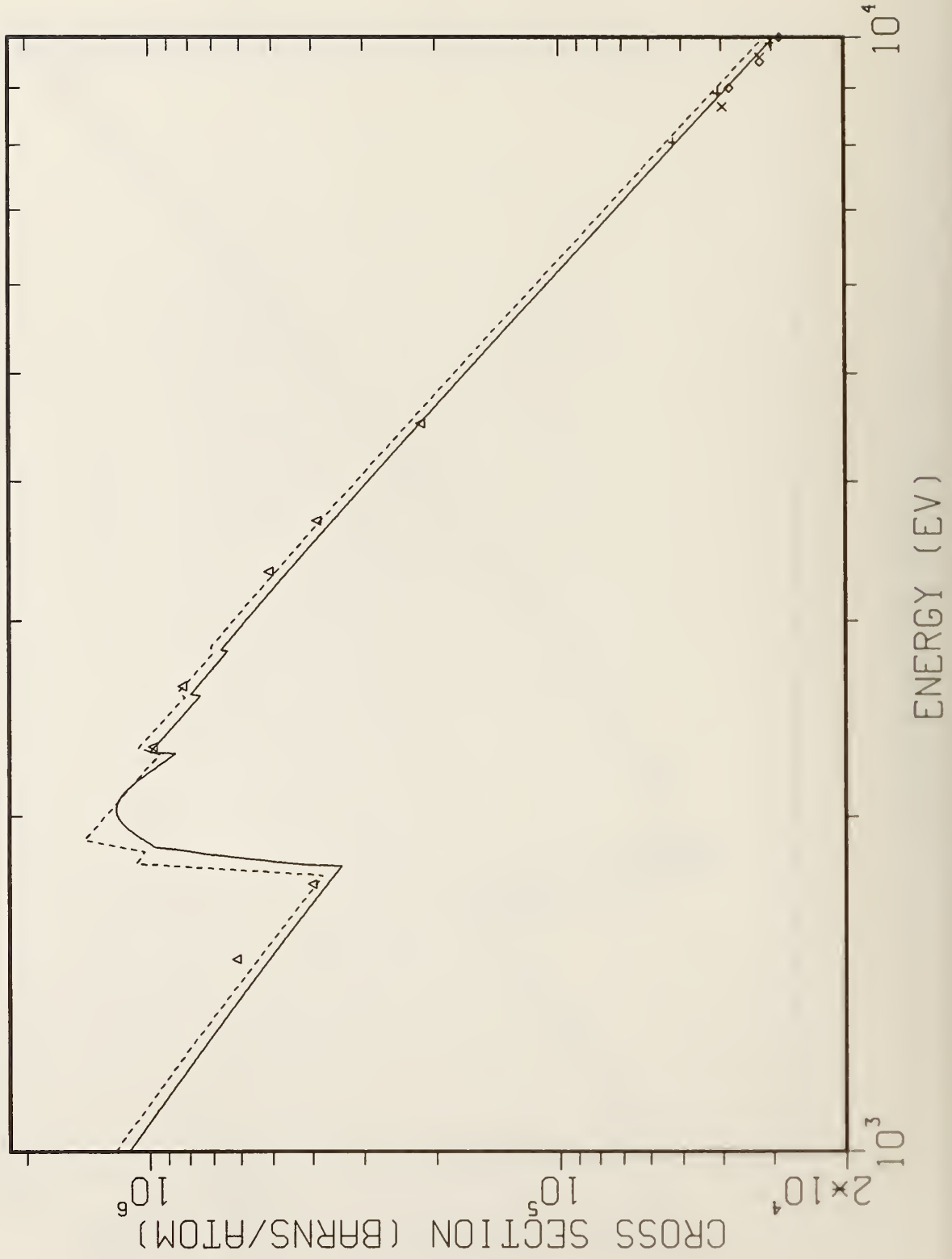


ATOMIC NUMBER 72



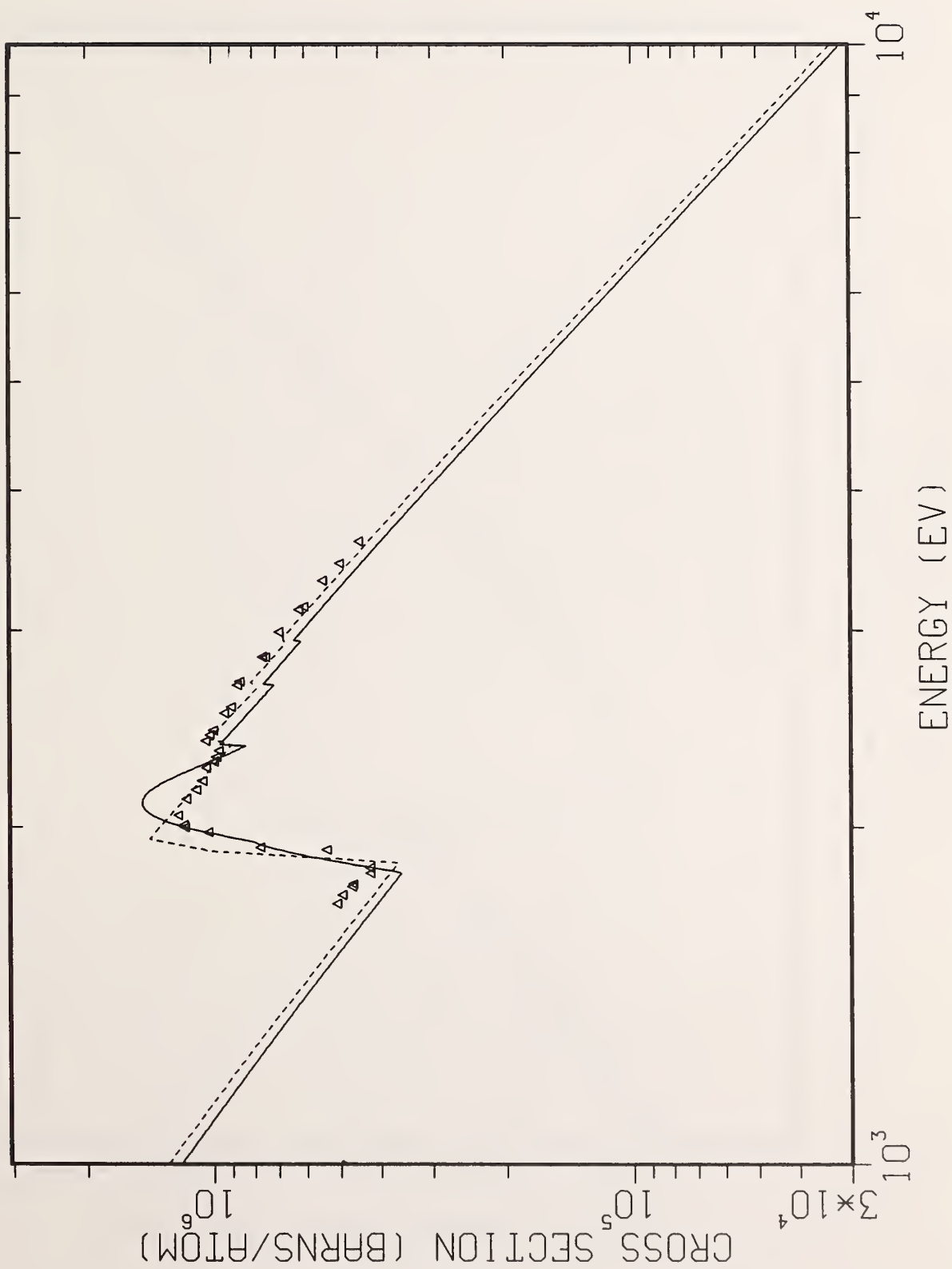


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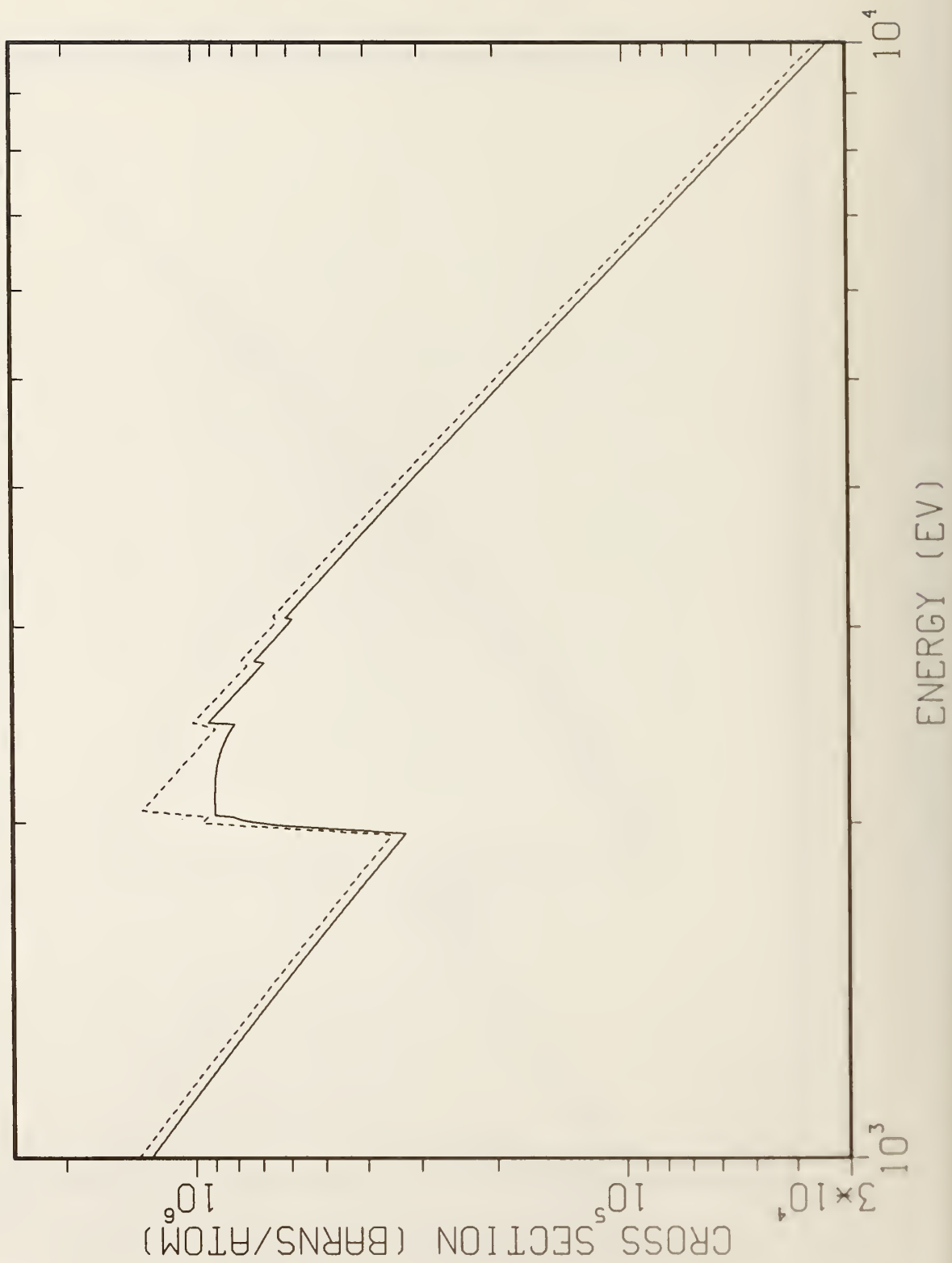




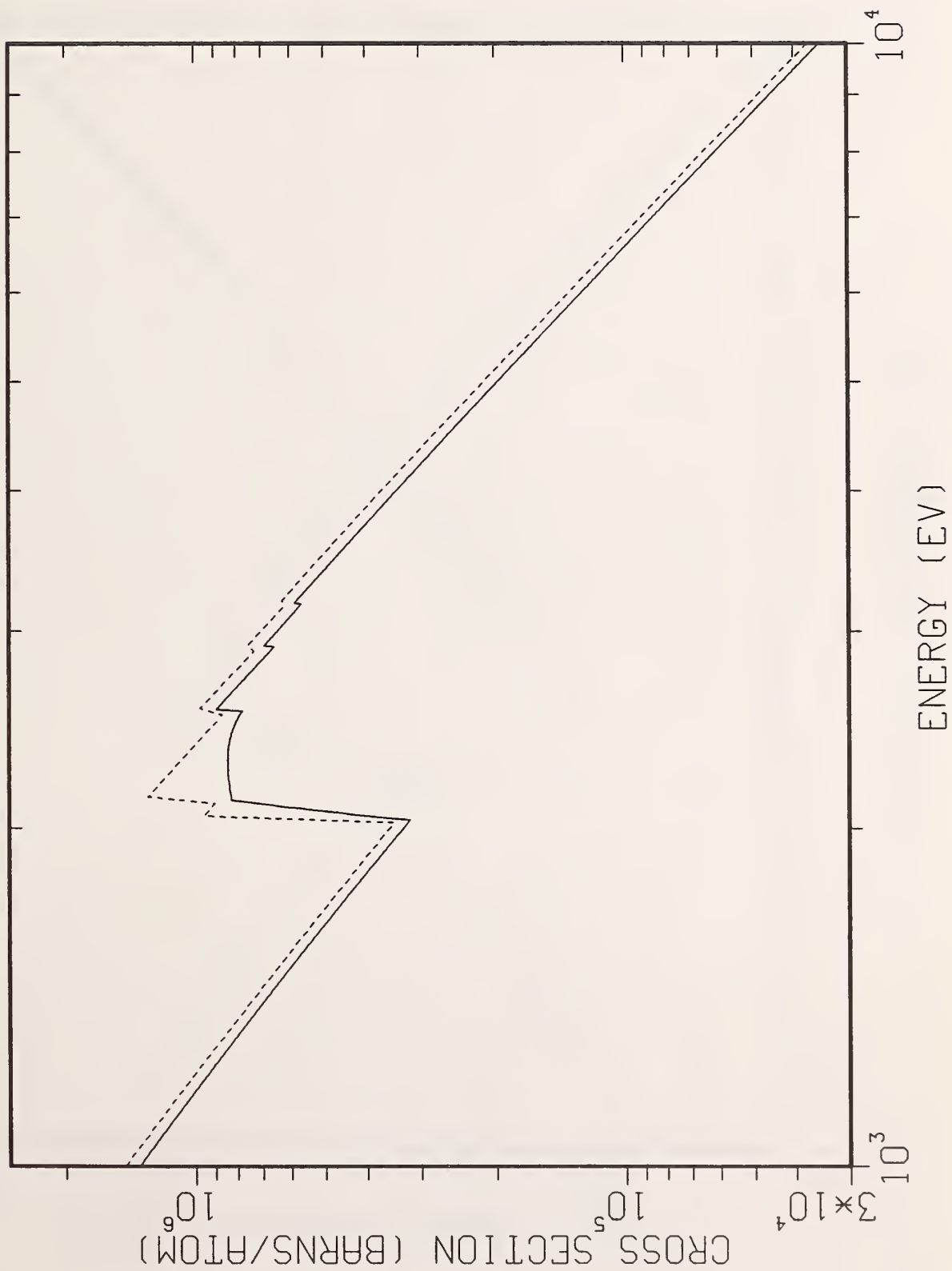
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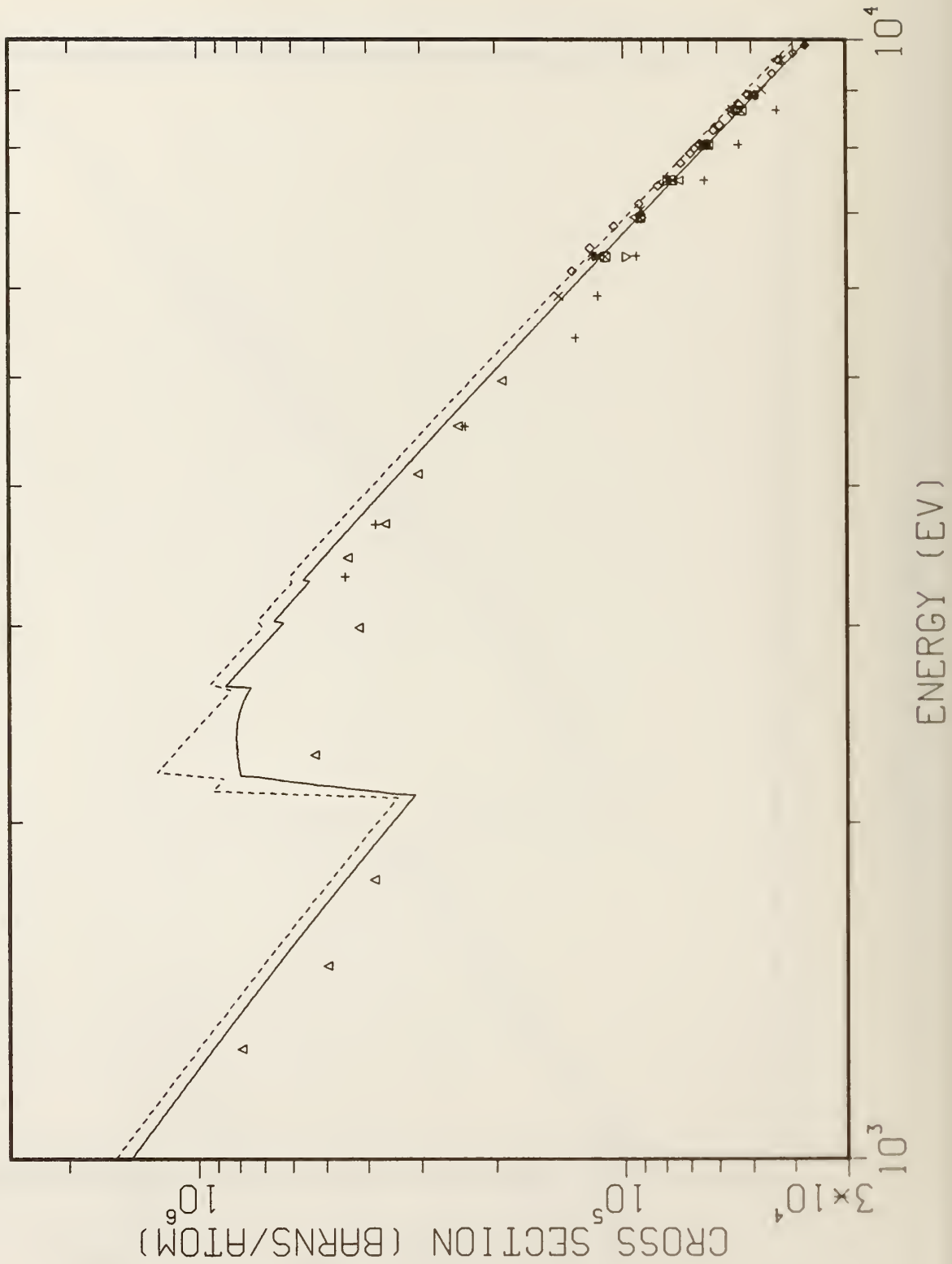
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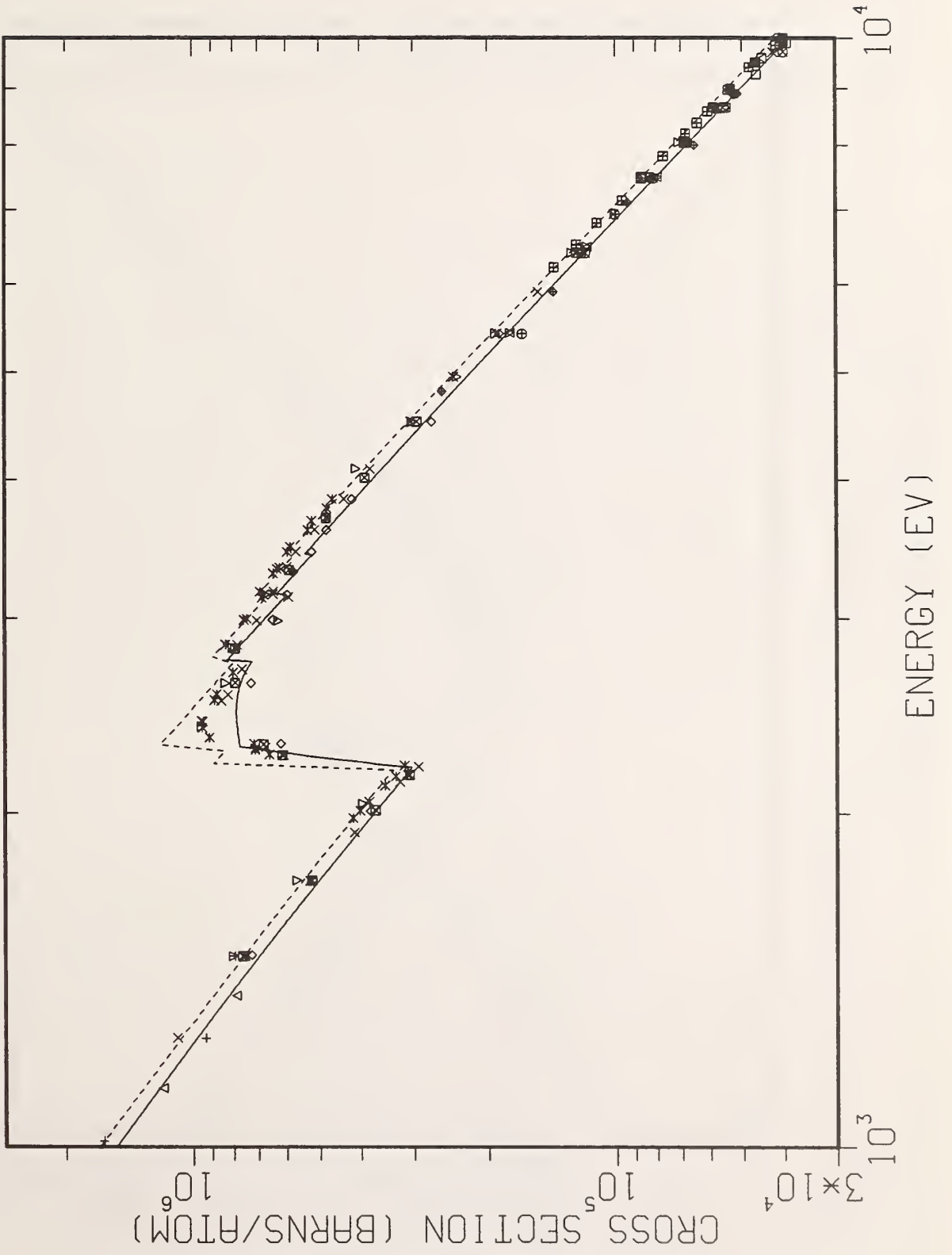


ATOMIC NUMBER 77

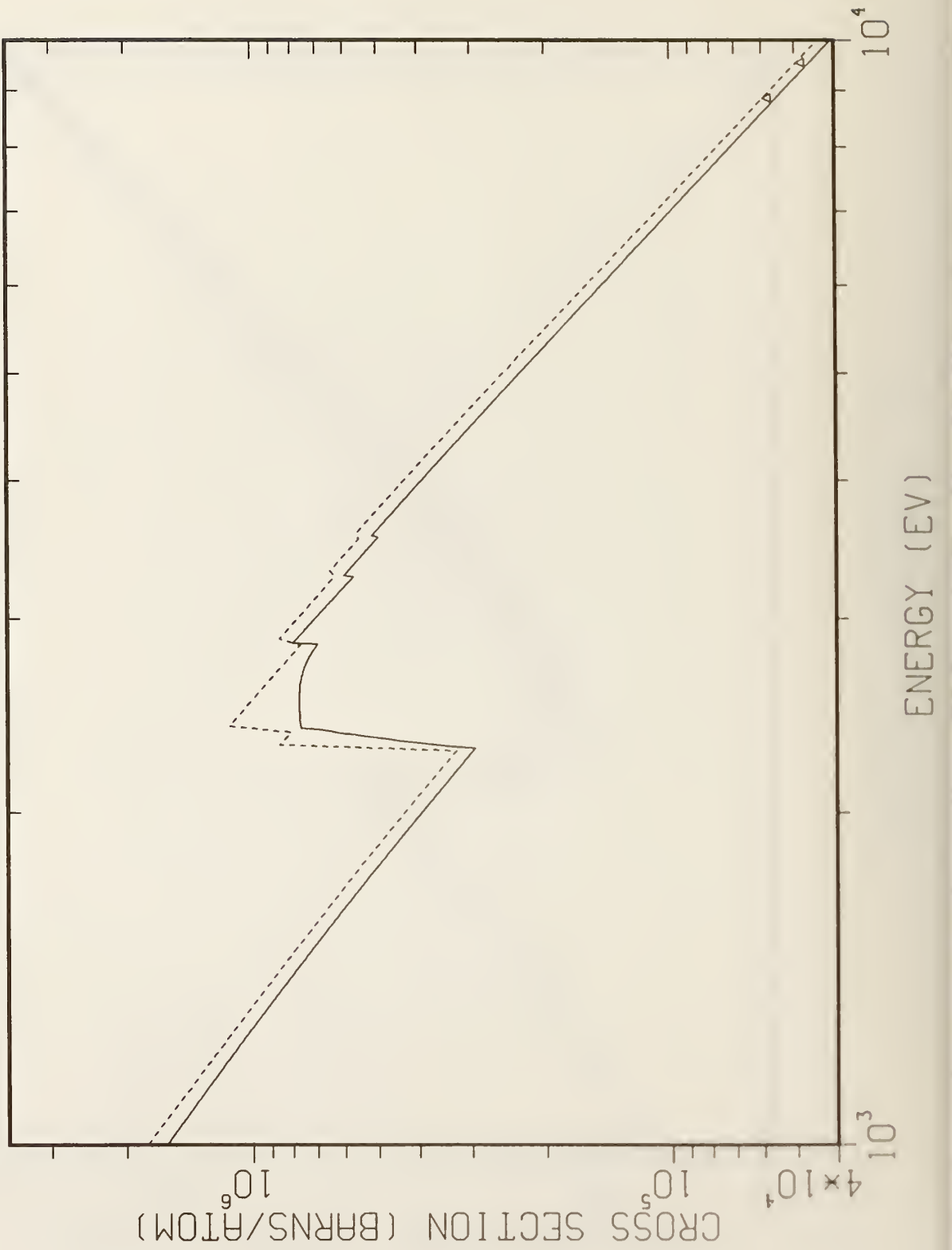


# ATOMIC NUMBER 78

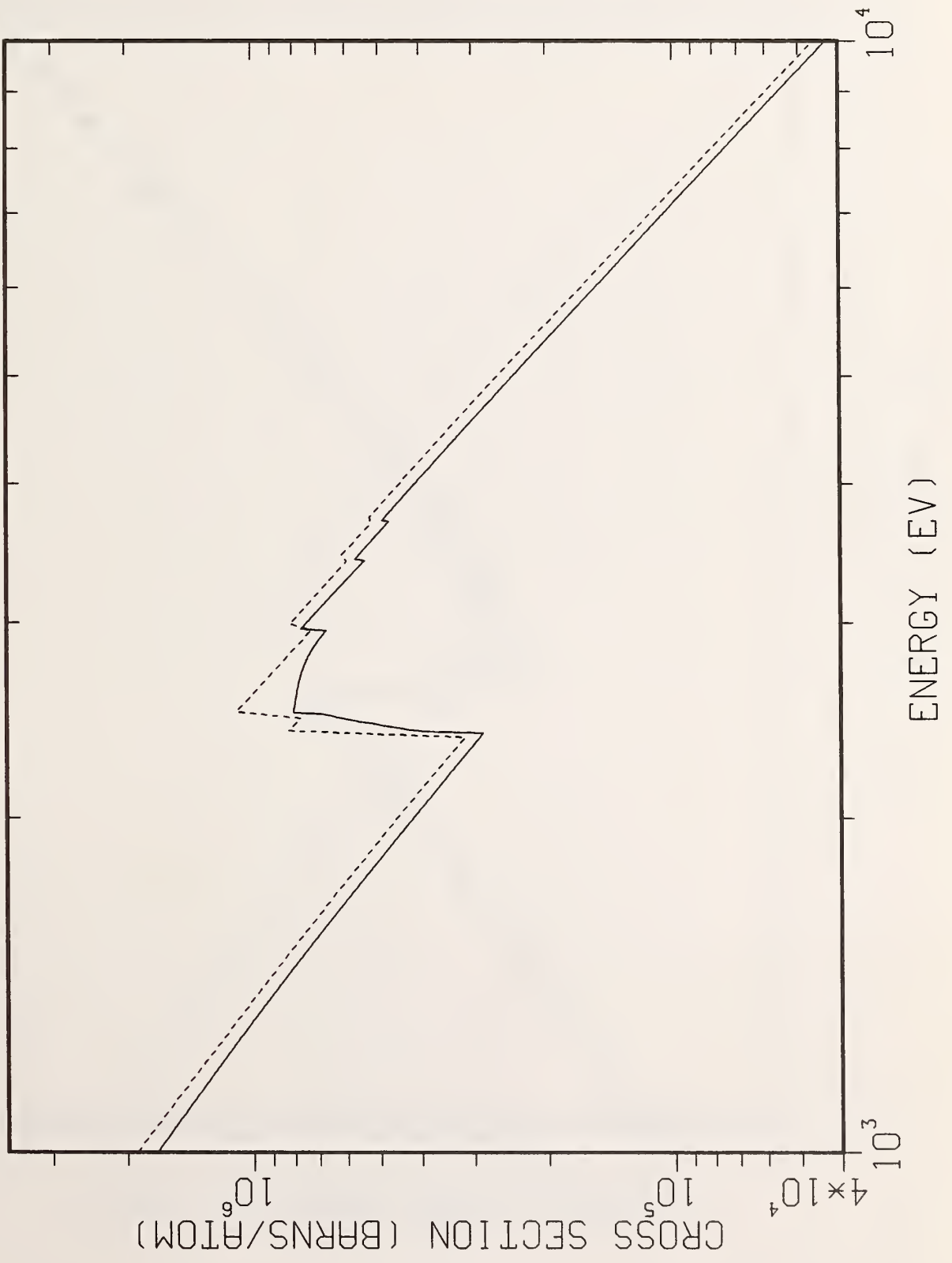




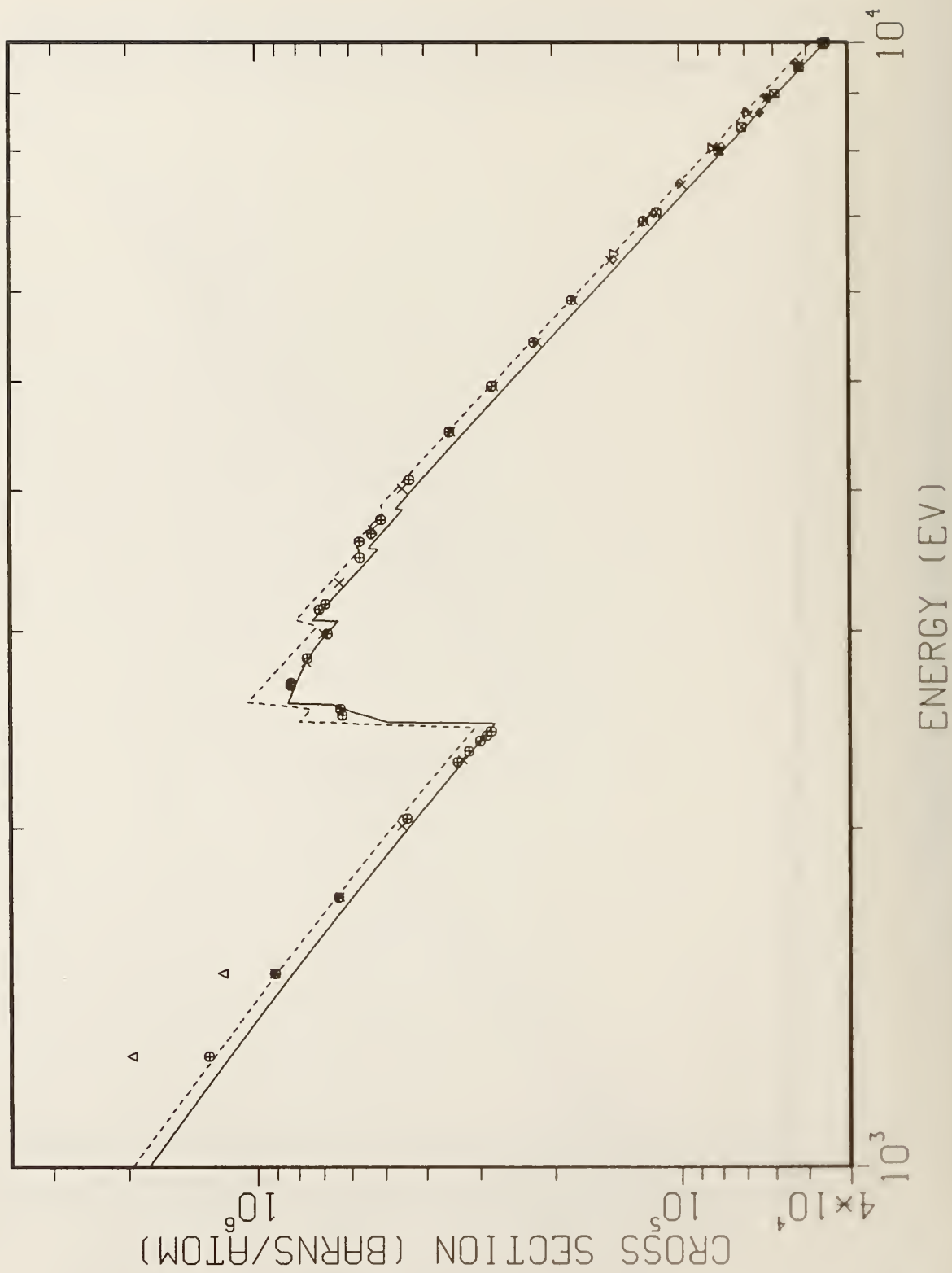
ATOMIC NUMBER 80



ATOMIC NUMBER 81

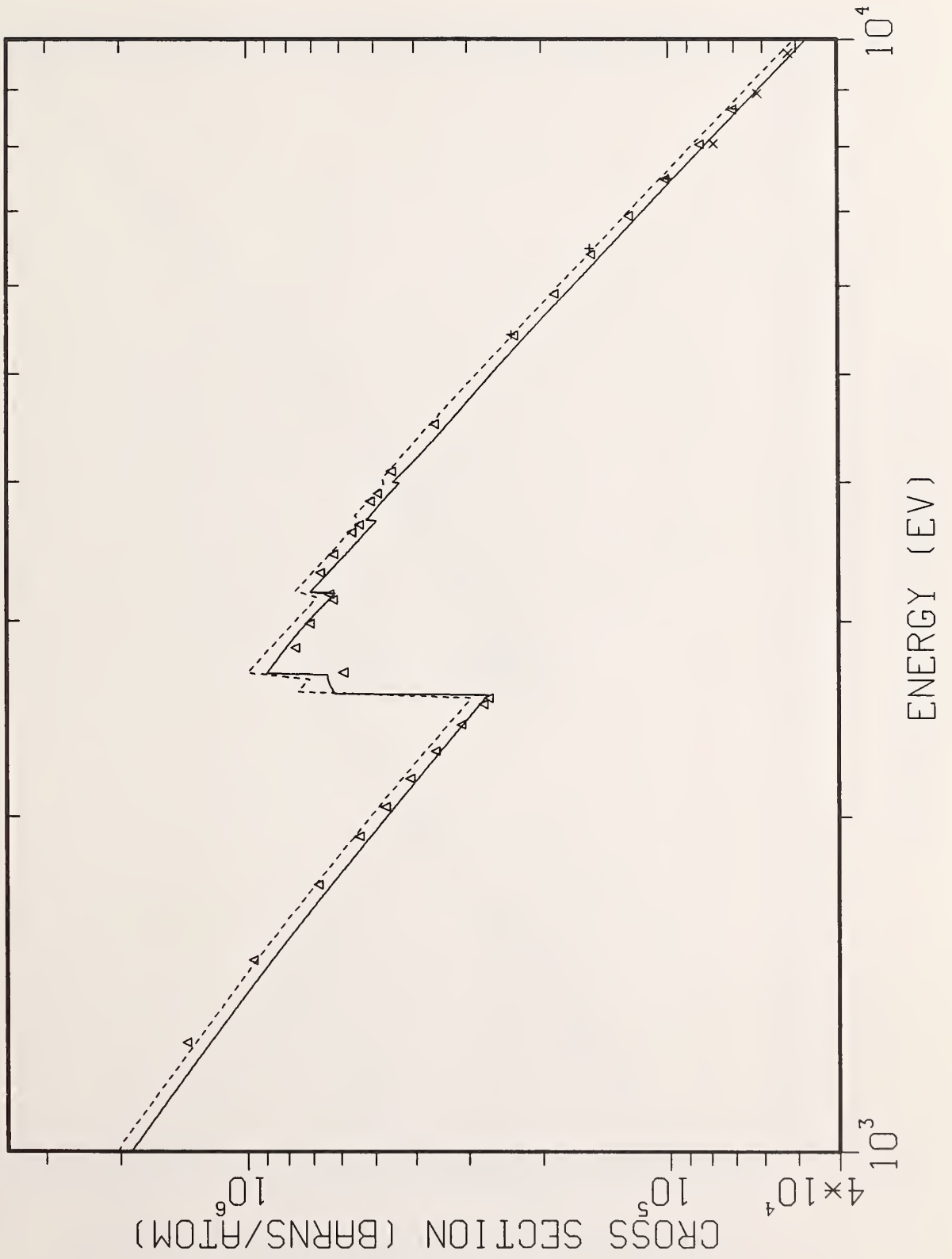


# ATOMIC NUMBER 82

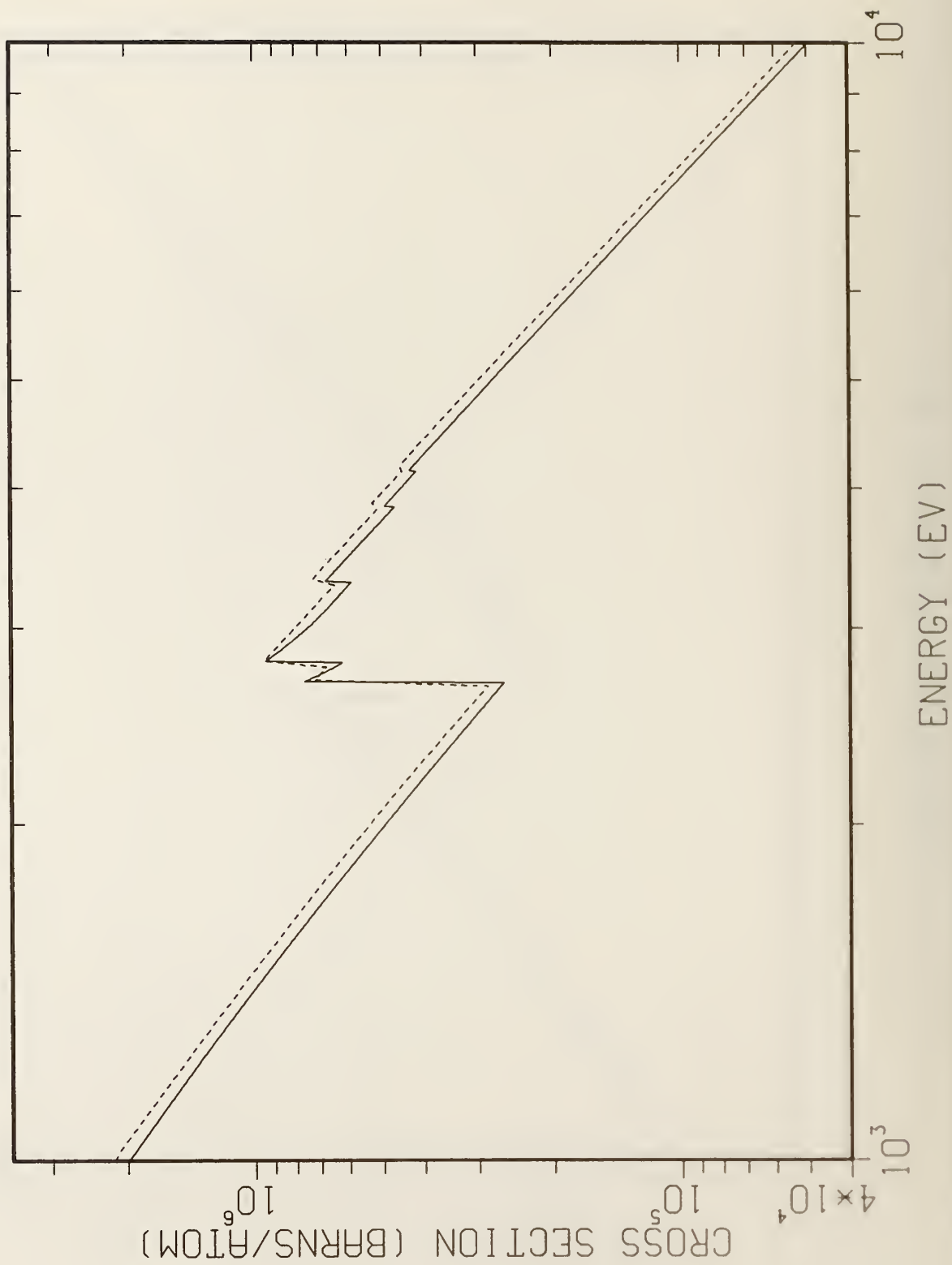




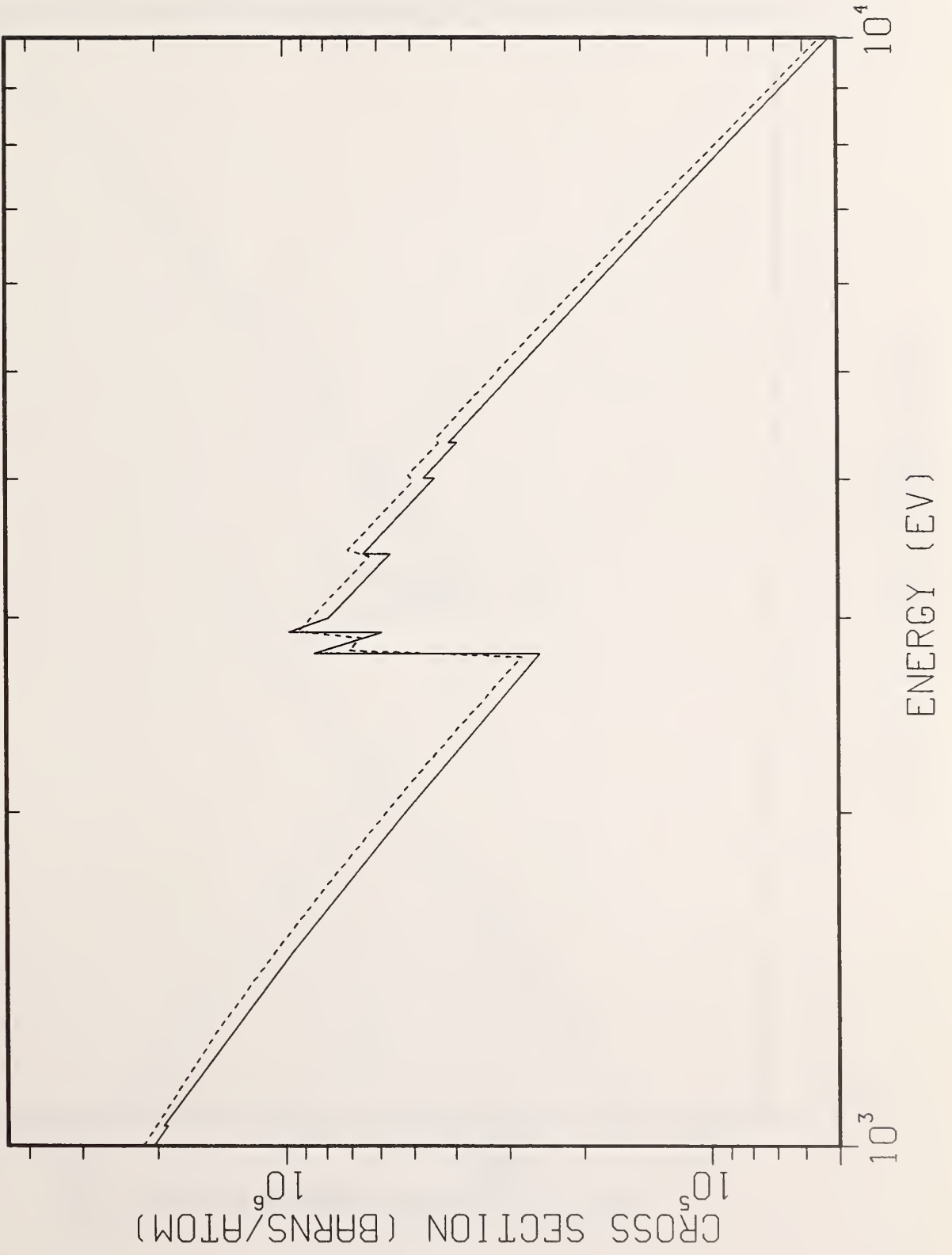
ATOMIC NUMBER 83



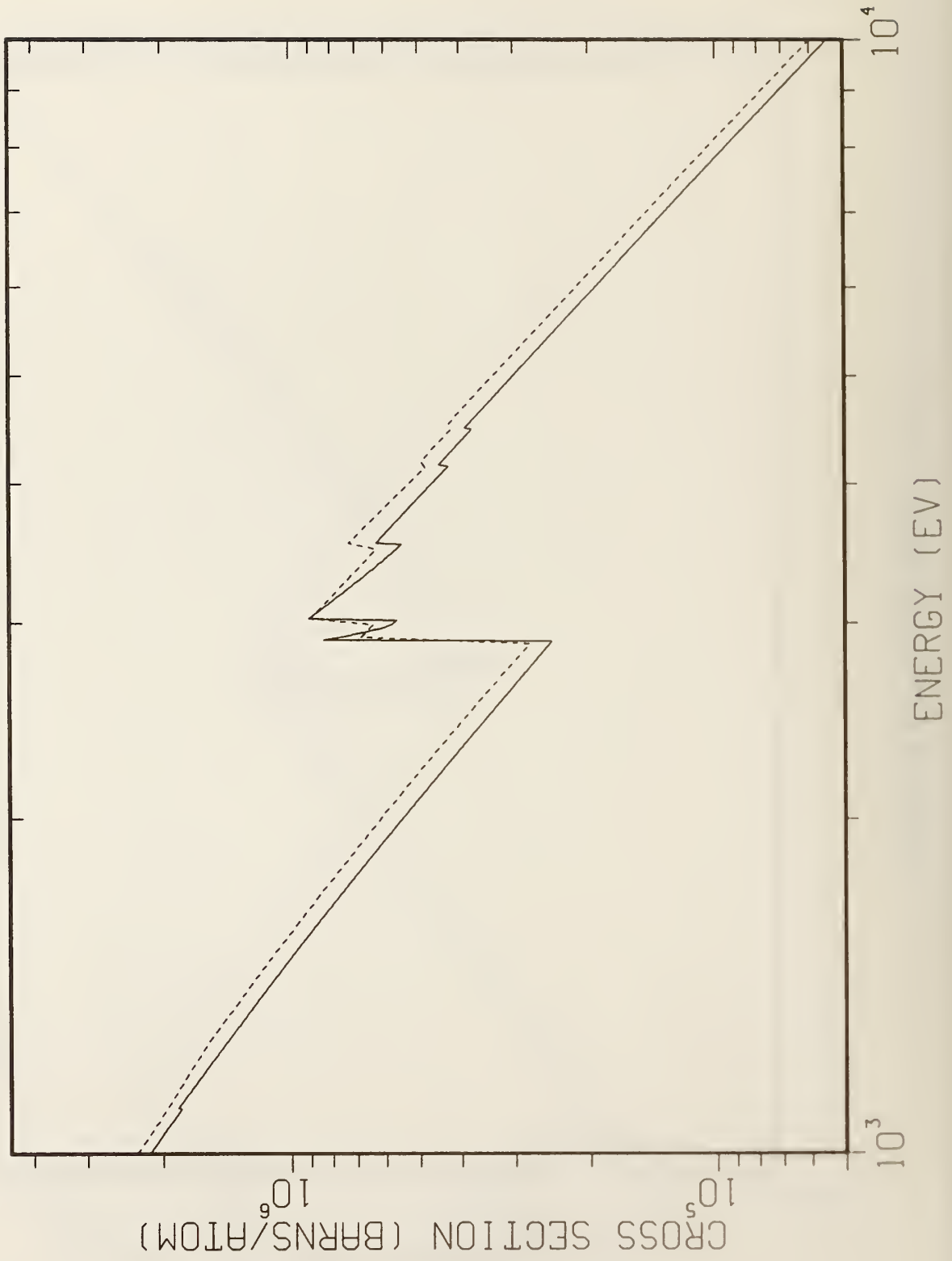
ATOMIC NUMBER 84



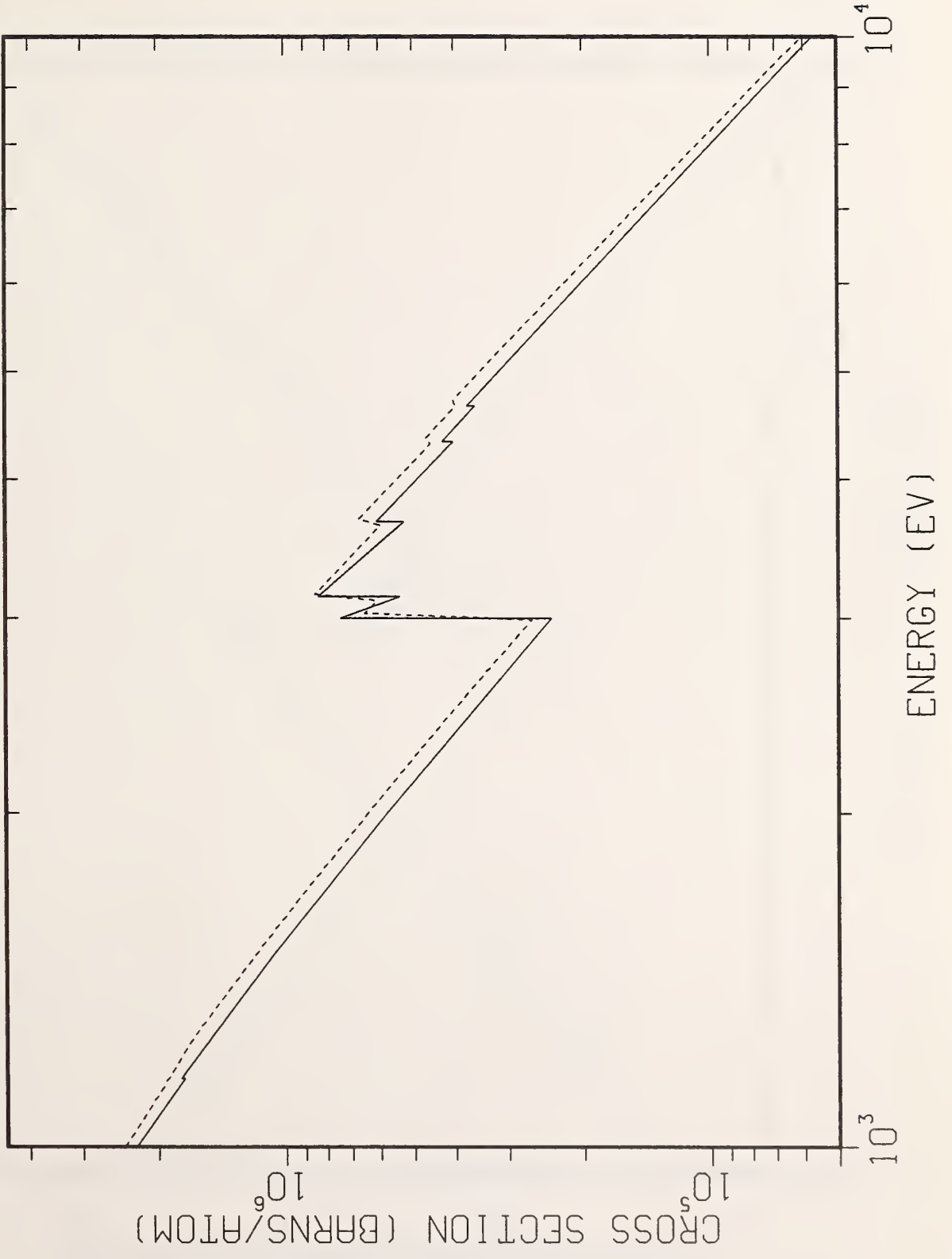
ATOMIC NUMBER 85



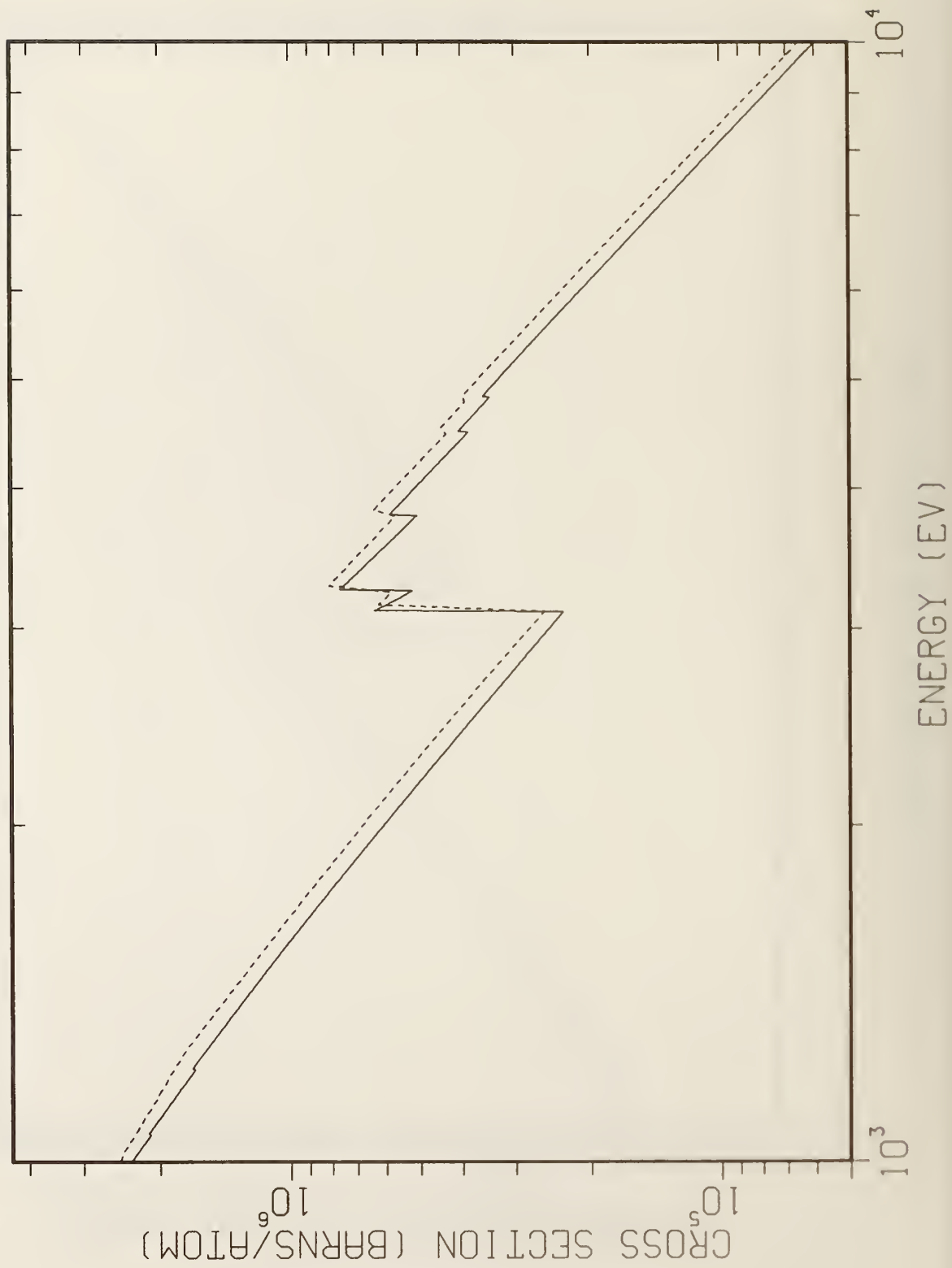
ATOMIC NUMBER 86



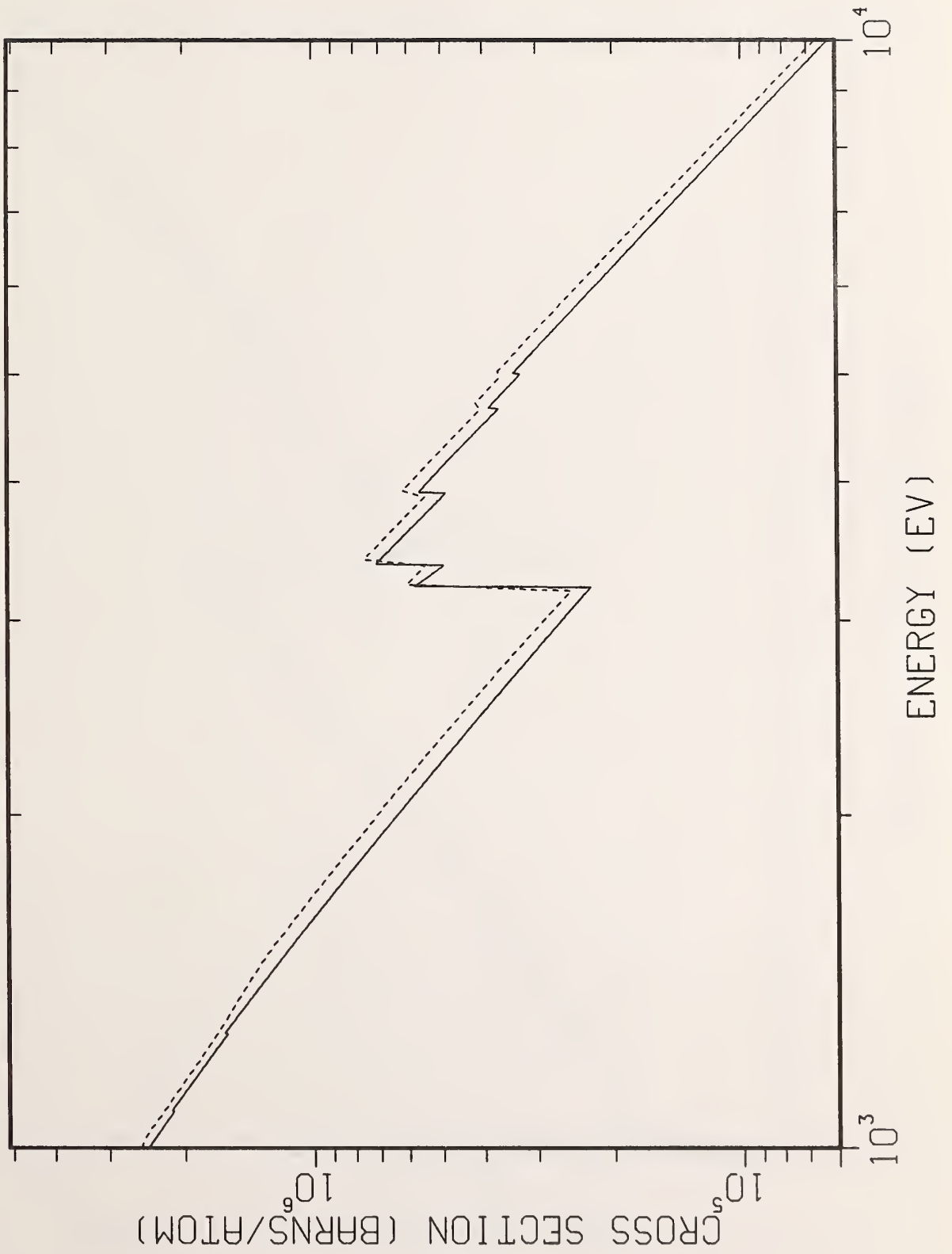
ATOMIC NUMBER 87



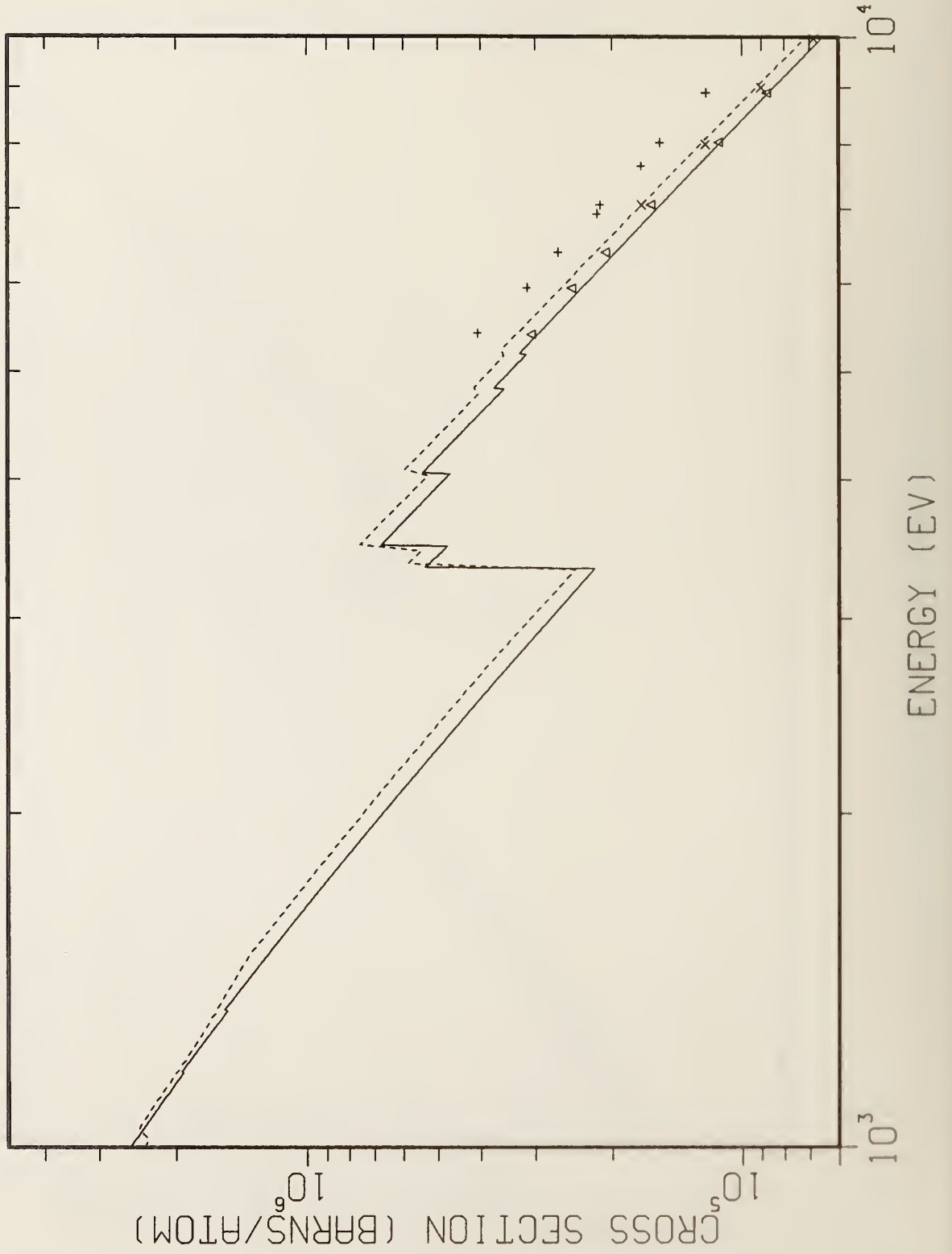
# ATOMIC NUMBER 88



ATOMIC NUMBER 89

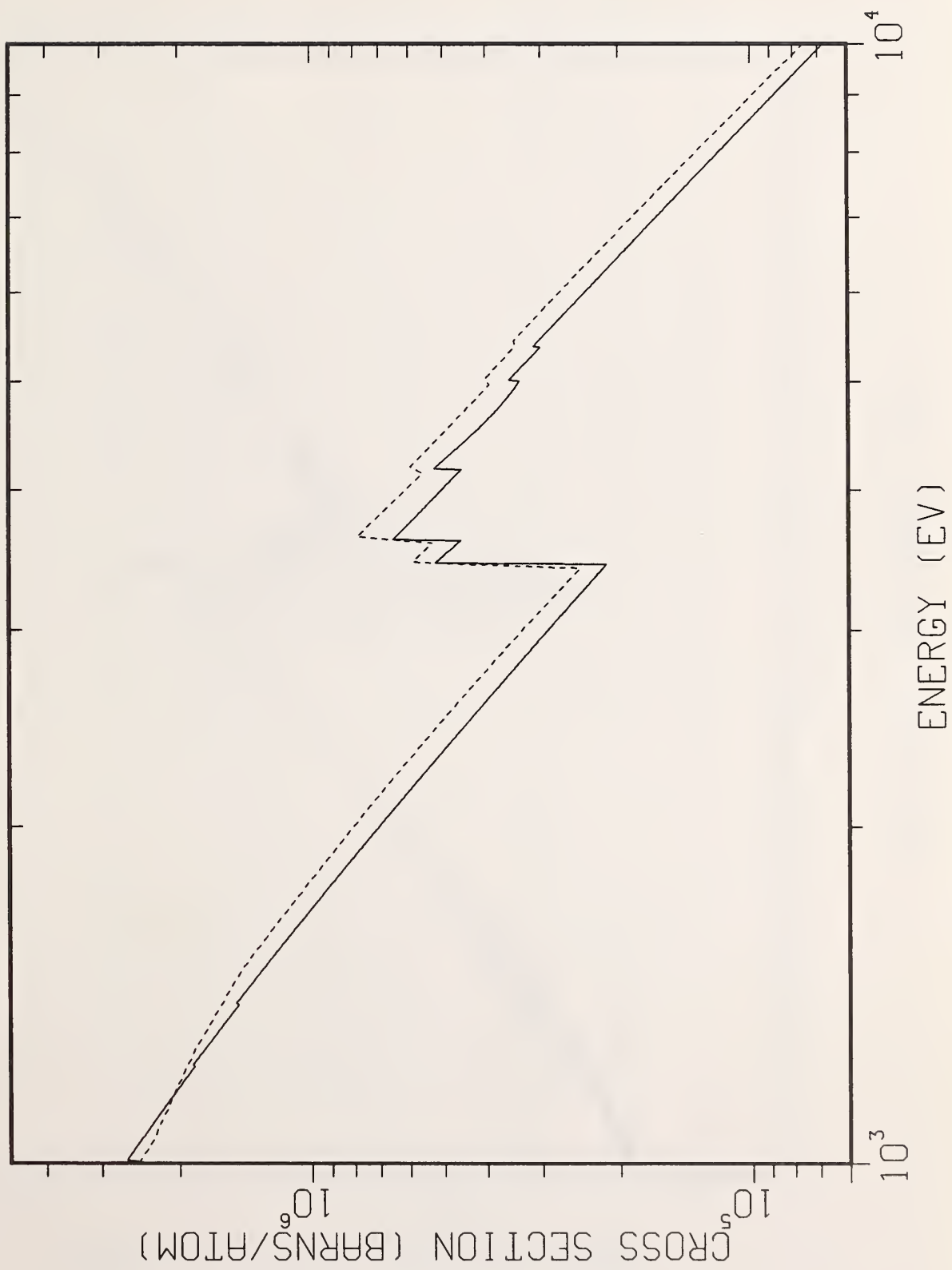


ATOMIC NUMBER 90





ATOMIC NUMBER 91



# ATOMIC NUMBER 92

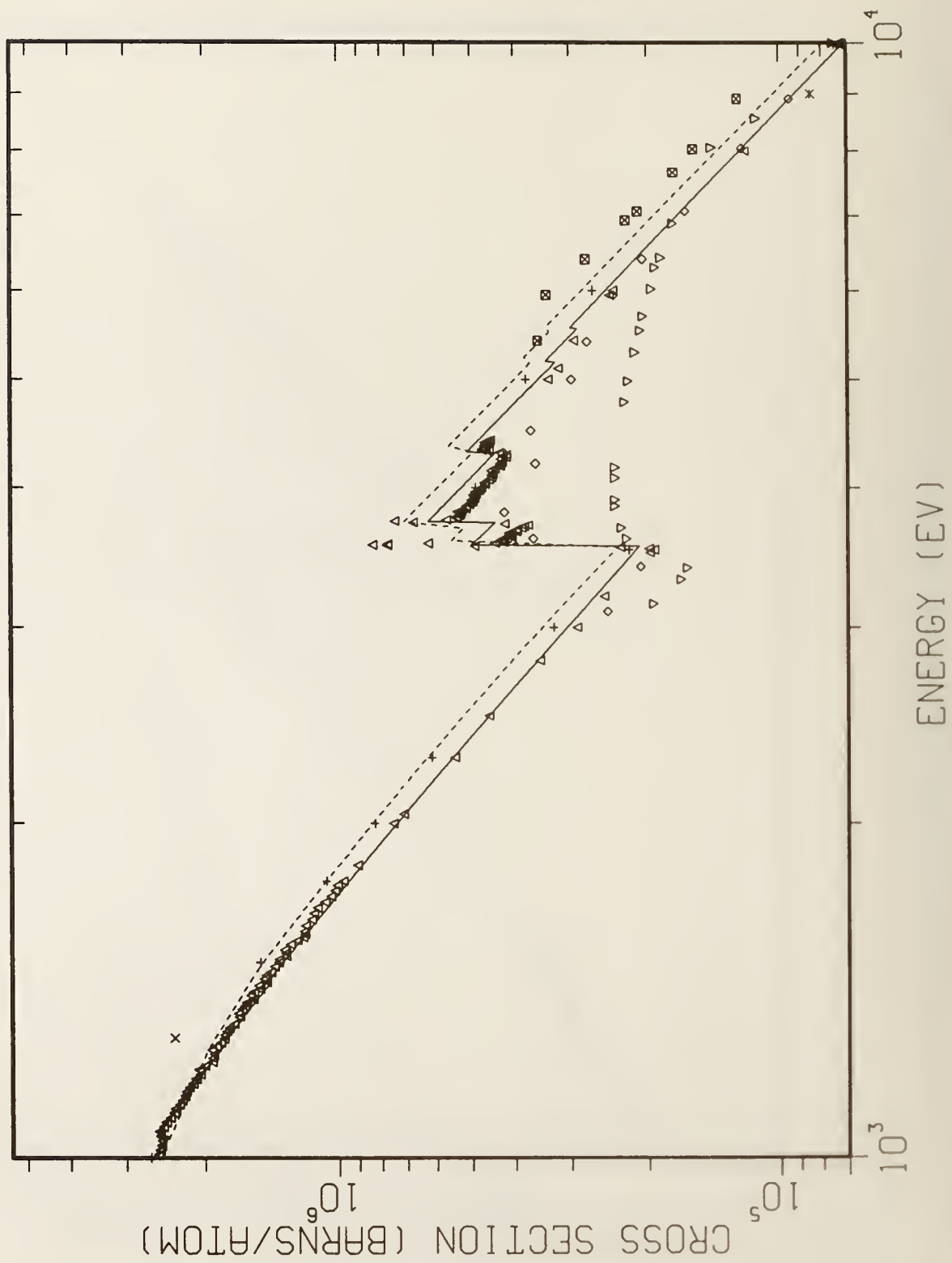


TABLE 3C

INDEX TO THE FIGURES  
COVERING THE ENERGY RANGE  
10.0-100.0 KEV

Z	N	MSET	REF	NTAL
1	1	43	34AL1	14
1	2	45	23OL1	18
1	3	46	22TA1	1
1	4	48	59RO2	1
1	5	49	62WI1	1
1	6	50	34HA1	3

Z	N	MSET	REF	NTAL
2	1	80	62WI1	1

Z	N	MSET	REF	NTAL
3	1	85	69DE1	4
3	2	86	60GA1	2
3	3	87	65PR1	1
3	4	88	57OL1	1
3	5	89	21HE1	9
3	6	90	59RO2	1
3	7	91	30MA1	13
3	8	92	65WE1	1

Z	N	MSET	REF	NTAL
4	1	110	69DE1	9
4	2	111	53HU1	1
4	3	112	64KA1	2
4	4	113	76HA2	2
4	5	114	73PH1	1
4	6	115	59RO2	1
4	7	116	67ME1	7
4	8	117	62WI1	9
4	9	118	70CO1	1

Z	N	MSET	REF	NTAL
5	1	140	59RO2	1
5	2	141	67ME1	5

Z	N	MSET	REF	NTAL
6	1	278	69DE1	6
6	2	279	38AN1	1
6	3	280	74MI1	8
6	4	281	26AL1	31
6	5	282	79PU1	3
6	6	283	9BA1	3
6	7	284	65WE1	3
6	8	285	34GR1	13
6	9	286	53HU1	1
6	10	291	79BE1	18
6	11	292	39WR1	36
6	12	293	21HE1	25
6	13	294	23OL1	18
6	14	295	22TA1	1
6	15	296	22WI1	1

6	16	297	59RO1	1
6	17	298	67MC1	7
6	18	299	74JO1	2
6	19	300	62WI1	8
6	20	301	77MU1	2
6	21	302	34HA1	3
6	22	303	36CU1	5
6	23	305	64MU1	1
6	24	306	70CO1	1
6	25	304	73GO3	1
6	26	2057	84RA01	4
6	27	2089	83GE01	2
6	28	2098	81RA01	5

Z	N	MSET	REF	NTAL
7	1	374	74MI1	8
7	2	375	65WE1	3
7	3	377	22WI1	1
7	4	378	59RO2	1
7	5	379	29SC1	9
7	6	380	21HE1	5
7	7	381	62WI1	3

Z	N	MSET	REF	NTAL
8	1	408	74MI1	8
8	2	409	65WE1	3
8	3	412	23OL1	18
8	4	413	21HE1	16
8	5	414	22TA1	1
8	6	415	22WI1	1
8	7	416	59RO2	1
8	8	417	29SC1	9
8	9	418	62WI1	3
8	10	2058	84RA01	3

Z	N	MSET	REF	NTAL
9	1	429	73MI1	8
9	2	430	77CR1	5
9	3	431	39WR1	37
9	4	432	59RO2	1
9	5	433	65WE1	1

Z	N	MSET	REF	NTAL
10	1	450	74MI1	8
10	2	451	70MC2	3
10	3	452	30CO1	4
10	4	453	63CH1	1

Z	N	MSET	REF	NTAL
11	1	458	22WI1	1
11	2	459	59RO2	1
11	3	460	65WE1	1
11	4	461	36CU1	5

11 5 2055 84RA01 4

Z	N	MSET	REF	NTAL
12	1	1	59DE1	16
12	2	2	39WR1	33
12	3	3	79LA1	21
12	4	4	22WI1	1
12	5	11	67WE1	1
12	6	12	59RO2	1
12	7	13	71DE2	1
12	8	14	67MC1	7
12	9	15	26AL1	23
12	10	16	7OCO1	1
12	11	17	65WE1	1
12	12	25	9BA1	3
12	13	26	74MI1	8
12	14	27	64KA1	2

Z	N	MSET	REF	NTAL
13	1	479	66BE1	8
13	2	483	28JO1	4
13	3	485	66HU1	1
13	4	488	38AU1	1
13	5	489	68HO1	5
13	6	495	26AL1	43
13	7	497	73MI1	8
13	8	498	74PA1	2
13	9	499	79PU1	6
13	10	500	9BA1	3
13	11	501	65CO1	2
13	12	502	3OCO1	4
13	13	503	34GR1	11
13	14	504	29BA1	7
13	15	507	60JA1	3
13	16	508	53HU1	1
13	17	509	59HO1	17
13	18	513	70IN1	1
13	19	514	64KA1	2
13	20	515	58DE1	16
13	21	517	79LA1	17
13	22	518	78DE1	1
13	23	519	11CH1	5
13	24	520	21HE1	23
13	25	521	65AL1	1
13	26	522	64AL2	1
13	27	523	76CH1	3
13	28	524	20SI1	7
13	29	525	21RI1	23
13	30	526	22WI1	1
13	31	527	22TA1	1
13	32	528	24WO1	1
13	33	529	59RO2	1
13	34	530	61BA2	1

13	35	531	69JA1	1
13	36	532	71DE2	1
13	37	533	25ST1	3
13	38	534	39WR1	18
13	39	535	14BR1	6
13	40	536	33HE1	9
13	41	537	69WE1	2
13	42	538	67MC1	8
13	43	540	74JO1	2
13	44	541	16HU1	11
13	45	542	62WI1	9
13	46	543	77MU1	2
13	47	544	76GO1	2
13	48	545	65WE1	1
13	49	546	78PR1	4
13	50	547	34HA1	3
13	51	548	36CU1	6
13	52	549	74GO1	1
13	53	550	22DU1	4
13	54	551	73GO3	1
13	55	552	64MU1	1
13	56	553	70CO1	1
13	57	539	72SA1	1
13	58	2056	84RA01	4
13	59	2099	81RA01	5

Z	N	MSET	REF	NTAL
14	1	625	69HI1	4
14	2	627	77LA1	1
14	3	628	73GI1	2
14	4	630	74MI1	8
14	5	631	74HA1	2
14	6	632	59RO2	1
14	7	633	61AU1	1
14	8	634	65DE1	1
14	9	635	77GE1	18
14	10	636	68PA1	11
14	11	637	65WE1	1

Z	N	MSET	REF	NTAL
15	1	645	74MI1	8
15	2	646	72WI1	1
15	3	647	59RO2	1
15	4	648	65WE1	1

Z	N	MSET	REF	NTAL
16	1	655	79PU1	6
16	2	656	30CO1	4
16	3	657	39HA2	31
16	4	658	39WR1	33
16	5	659	22WI1	1
16	6	660	59RO2	1
16	7	661	34GR1	13



16	8	662	26AL1	21
16	9	663	26AL1	8
16	10	664	74MI1	8
16	11	665	67MC1	8
16	12	666	65WE1	1
16	13	667	70CO1	1
16	14	668	36CU1	1
16	15	2060	84RA01	4

Z	N	MSET	REF	NTAL
17	1	680	74MI1	8
17	2	681	30CO1	4
17	3	682	39HA2	31
17	4	683	39WR1	31
17	5	684	22WI1	1
17	6	685	59RO2	1
17	7	686	65WE1	1
17	8	2059	84RA01	4

Z	N	MSET	REF	NTAL
18	1	707	75LO1	1
18	2	709	74MI1	8
18	3	710	70MC2	3
18	4	711	30CO1	4
18	5	712	62BU1	9
18	6	714	63CH1	1
18	7	715	29SC1	9
18	8	716	62WI1	2

Z	N	MSET	REF	NTAL
19	1	718	22WI1	1
19	2	719	65WE1	1
19	3	720	36CU1	5
19	4	2062	84RA01	4

Z	N	MSET	REF	NTAL
20	1	724	77CR1	5
20	2	725	22WI1	1
20	3	726	39WR1	28
20	4	727	80PR1	4
20	5	728	65WE1	1
20	6	2061	84RA01	4

Z	N	MSET	REF	NTAL
21	1	737	67CA1	4
21	2	2091	82RA01	1
21	3	2100	81RA01	5

Z	N	MSET	REF	NTAL
22	1	752	61SW1	11
22	2	753	69DE1	2
22	3	755	64KA1	2
22	4	756	59DE1	18



22	5	757	76CH1	4
22	6	758	39WR1	30
22	7	759	67MI1	1
22	8	760	67MC1	9
22	9	761	67KN1	4
22	10	762	65WE1	1
22	11	763	70CO1	1
22	12	747	66HU1	2
22	13	748	67CA1	4
22	14	749	68HO1	3
22	15	750	69DA1	2
22	16	751	60EH1	1
22	17	2066	84RAO1	4

Z	N	MSET	REF	NTAL
23	1	775	67CA1	3
23	2	776	68HO1	2
23	3	777	69DA1	3
23	4	778	65CO1	2
23	5	779	74PA1	5
23	6	781	39WR1	30
23	7	782	80PR1	4
23	8	783	65WE1	1
23	9	784	76HA1	1

Z	N	MSET	REF	NTAL
24	1	795	59HO1	3
24	2	796	64KA1	2
24	3	797	22WI1	1
24	4	798	72DI1	1
24	5	799	39WR1	28
24	6	800	65CO1	1
24	7	801	65WE1	1
24	8	2065	84RAO1	4

Z	N	MSET	REF	NTAL
25	1	806	22WI1	1
25	2	807	67MI1	1
25	3	808	39WR1	24
25	4	809	65WE1	1
25	5	2063	84RAO1	4

Z	N	MSET	REF	NTAL
26	1	817	67CA1	5
26	2	819	26AL1	6
26	3	820	26AL1	19
26	4	821	26AL1	10
26	5	822	69DA1	3
26	6	823	60EH1	1
26	7	824	69DE1	5
26	8	825	9BA1	3
26	9	826	65CO1	2
26	10	828	59BA1	1

26	11	829	32MA1	15
26	12	831	64KA1	2
26	13	832	59DE1	17
26	14	833	21HE1	20
26	15	834	22WI1	1
26	16	835	61BA2	1
26	17	836	67PA1	1
26	18	837	39WR1	21
26	19	838	14BR1	6
26	20	839	67MI1	1
26	21	840	67MC1	8
26	22	841	67KN1	3
26	23	842	62WI1	6
26	24	843	23RI1	7
26	25	844	65WE1	1
26	26	845	78PR1	4
26	27	846	70CO1	1
26	28	818	71DE1	5
26	29	2064	84RAO1	4

Z	N	MSET	REF	NTAL
27	1	874	67CA1	4
27	2	875	68HO1	6
27	3	876	65CO1	2
27	4	877	59HO1	3
27	5	878	64KA1	2
27	6	879	22WI1	1
27	7	880	39WR1	27
27	8	881	62WI1	8
27	9	882	23RI1	7
27	10	883	65WE1	1
27	11	2069	84RAO1	4

Z	N	MSET	REF	NTAL
28	1	895	28JO1	3
28	2	897	67CA1	5
28	3	898	66HU1	3
28	4	900	68HO1	6
28	5	902	26AL1	6
28	6	903	26AL1	16
28	7	905	69DA1	3
28	8	906	9BA1	3
28	9	907	65CO1	2
28	10	908	41LA1	38
28	11	909	34GR1	9
28	12	910	32MA1	15
28	13	911	59HO1	3
28	14	913	64KA1	2
28	15	914	59DE1	17
28	16	916	69DI1	2
28	17	917	14BR1	6
28	18	918	67MC1	7
28	19	919	62WI1	10

28	20	920	23RI1	4
28	21	921	80PR1	4
28	22	922	65WE1	1
28	23	923	36CU1	5
28	24	924	70CO1	1
28	25	904	26AL1	5
28	26	2070	84RA01	4
28	27	2101	81RA01	5

Z	N	MSET	REF	NTAL
29	1	938	28JO1	3
29	2	939	70OR1	9
29	3	940	66HU1	1
29	4	943	60EH1	1
29	5	942	62DY1	8
29	6	945	68HO1	6
29	7	947	26AL1	6
29	8	948	26AL1	26
29	9	949	36AL1	13
29	10	950	69DA1	3
29	11	951	74PA1	5
29	12	952	77MU1	6
29	13	953	9BA1	3
29	14	954	67BA1	2
29	15	955	65CO1	2
29	16	956	79PU1	5
29	17	957	41LA1	38
29	18	958	59HO1	13
29	19	959	29BA1	7
29	20	964	32MA1	15
29	21	965	34GR1	11
29	22	966	69DE1	6
29	23	968	64KA1	2
29	24	969	66BE1	8
29	25	970	59DE1	16
29	26	974	73CA2	1
29	27	975	76CH1	5
29	28	976	20SI1	6
29	29	977	22WI1	1
29	30	978	61BA2	1
29	31	979	21KI1	22
29	32	980	25ST1	9
29	33	981	14BR1	6
29	34	982	33HE1	9
29	35	983	67MC1	7
29	36	984	68PA1	11
29	37	985	72SA1	1
29	38	986	67KN1	7
29	39	987	62WI1	10
29	40	988	23RI1	4
29	41	989	16HU1	9
29	42	990	76GO1	2
29	43	991	65WE1	1

29	44	992	34HA1	3
29	45	993	36CU1	5
29	46	994	76HA1	1
29	47	995	79CE1	1
29	48	996	73RA1	1
29	49	997	74GO1	1
29	50	998	60WE1	1
29	51	999	22DU1	4
29	52	1000	73GO3	1
29	53	1001	64MU1	1
29	54	1002	70CO1	1
29	55	2067	84RA01	4

Z	N	MSET	REF	NTAL
30	1	1063	67CA1	5
30	2	1064	60EH1	1
30	3	1066	26AL1	6
30	4	1067	26AL1	26
30	5	1068	26AL1	10
30	6	1069	69DE1	6
30	7	1070	9BA1	3
30	8	1071	74MA1	1
30	9	1073	59HO1	4
30	10	1074	32MA1	9
30	11	1078	22WI1	1
30	12	1079	14BR1	6
30	13	1080	67ME1	7
30	14	1081	39WR1	17
30	15	1082	67KN1	5
30	16	1083	80PR1	4
30	17	1084	65WE1	1
30	18	1085	70CO1	1
30	19	2068	84RA01	4

Z	N	MSET	REF	NTAL
31	1	1103	59WE1	6

Z	N	MSET	REF	NTAL
32	1	1107	68EF1	14
32	2	1108	73HI1	3
32	3	1109	69GR1	23
32	4	1110	69HI1	4
32	5	1113	64BA1	2
32	6	1114	51GL1	1
32	7	1115	65DE1	1
32	8	1116	77GE1	18
32	9	1117	68BA1	1
32	10	1118	65LI1	1
32	11	1119	68PA1	11

Z	N	MSET	REF	NTAL
33	1	1123	39WR1	19

Z	N	MSET	REF	NTAL
34	1	1130	36SC1	8
34	2	1131	73HR1	8
34	3	1132	38MU1	17
34	4	1133	39WR1	19
34	5	2073	84RA01	4

Z	N	MSET	REF	NTAL
35	1	1138	39HA2	29
35	2	1139	38MU1	16
35	3	1140	22WI1	1
35	4	1141	39WR1	16
35	5	2074	84RA01	4

Z	N	MSET	REF	NTAL
36	1	1154	70MC2	3
36	2	1155	63CH1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
38	1	1158	22WI1	1
38	2	1159	39WR1	16
38	3	2071	84RA01	4

Z	N	MSET	REF	NTAL
39	1	1160	22WI1	1
39	2	1161	80PR1	4
39	3	2040	84LIO1	7
39	4	2092	82RA01	1
39	5	2102	81RA01	5

Z	N	MSET	REF	NTAL
40	1	1165	66HU1	3
40	2	1166	60EH1	1
40	3	1167	77MU1	8
40	4	1168	77RA2	8
40	5	1170	68HO1	9
40	6	1171	69DE1	4
40	7	1173	64KA1	2
40	8	1174	61SW1	11
40	9	1175	79PU1	6
40	10	1176	59DE1	13
40	11	1177	22WI1	1
40	12	1178	67MC1	7
40	13	1179	76CH1	4
40	14	1180	39WR1	16
40	15	1181	76GO1	2
40	16	1182	74GO1	1
40	17	1183	70CO1	1

Z	N	MSET	REF	NTAL
41	1	1189	68HO1	2



41	2	1190	66HU1	1
41	3	1191	66HE1	2
41	4	1192	61SW1	10
41	5	1193	74MA1	2
41	6	1194	67MC1	7
41	7	1195	62WI1	8
41	8	1196	36JO1	4
41	9	1197	7OCO1	1

Z	N	MSET	REF	NTAL
42	1	1203	68HO1	2
42	2	1204	74PA1	5
42	3	1205	60EH1	1
42	4	1207	69DE1	6
42	5	1208	53HU1	1
42	6	1209	64KA1	2
42	7	1210	61SW1	11
42	8	1211	59DE1	17
42	9	1212	34GR1	15
42	10	1213	26RI1	17
42	11	1214	21RI1	27
42	12	1215	22WI1	1
42	13	1216	25ST1	2
42	14	1217	32MA1	5
42	15	1218	67MC1	7
42	16	1219	39WR1	17
42	17	1220	67KN1	5
42	18	1221	62WI1	11
42	19	1222	78PR1	4
42	20	1223	76HA1	1
42	21	1224	36JO1	4
42	22	1225	7OCO1	1
42	23	2072	84RA01	4

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
45	1	1236	64KA1	2
45	2	1237	34GR1	7

Z	N	MSET	REF	NTAL
46	1	1241	64KA1	2
46	2	1242	59DE1	17
46	3	1243	25ST1	9
46	4	1244	14BR1	6
46	5	1245	32MA1	5

Z	N	MSET	REF	NTAL
47	1	1257	28JO1	2
47	2	1259	38AN1	1
47	3	1260	68HO1	2

47	4	1261	60EH1	1
47	5	1264	26AL1	6
47	6	1265	26AL1	26
47	7	1266	26AL1	11
47	8	1268	9BA1	3
47	9	1269	36SC1	2
47	10	1270	29BA1	21
47	11	1271	74MA1	2
47	12	1273	69DE1	4
47	13	1274	59DE1	16
47	14	1275	77MU1	8
47	15	1276	77RA2	8
47	16	1277	32MA1	13
47	17	1278	79PU1	6
47	18	1279	41LA1	36
47	19	1280	34GR1	11
47	20	1281	22WI1	1
47	21	1282	25ST1	9
47	22	1283	26RI1	11
47	23	1284	26RI1	14
47	24	1285	14BR1	6
47	25	1286	68GH1	1
47	26	1287	67MC1	10
47	27	1288	72SA1	1
47	28	1289	62WI1	11
47	29	1290	76GO1	2
47	30	1291	78PR1	4
47	31	1292	34HA1	3
47	32	1293	73RA2	1
47	33	1294	79CE1	1
47	34	1295	74GO1	1
47	35	1296	70CO1	1
47	36	1297	36JO1	2
47	37	2077	84RA01	4
47	38	2103	81RA01	5

Z	N	MSET	REF	NTAL
48	1	1316	36SC1	4
48	2	1317	60MA1	13
48	3	1318	59DE1	17
48	4	1319	41LA1	36
48	5	1320	22WI1	1
48	6	1321	34GR1	8
48	7	1322	38MU1	10
48	8	1323	76CH1	4
48	9	1325	67KN1	3
48	10	1324	62WI1	8
48	11	1326	80PR1	4
48	12	1327	73RA5	2
48	13	2078	84RA01	4

Z	N	MSET	REF	NTAL
49	1	1343	60MA1	11

49	2	1344	34GR1	7
49	3	1345	62WI1	5
49	4	1346	80PR1	4
49	5	2076	84RAO1	4
49	6	2093	82RAO1	1

Z	N	MSET	REF	NTAL
50	1	1351	68HO1	5
50	2	1353	60EH1	1
50	3	1354	69DE1	7
50	4	1355	9BA1	3
50	5	1356	79PA1	9
50	6	1357	74MA1	2
50	7	1359	26AL1	6
50	8	1360	26AL1	15
50	9	1361	26AL1	8
50	10	1362	66BE1	8
50	11	1363	53HU1	1
50	12	1364	31KU1	25
50	13	1365	41LA1	38
50	14	1367	32MA1	9
50	15	1368	77MU1	8
50	16	1369	79PU1	6
50	17	1370	59DE1	14
50	18	1371	22WI1	1
50	19	1372	25ST1	9
50	20	1373	26RI1	12
50	21	1374	59HO1	9
50	22	1375	14BR1	6
50	23	1376	67MC1	8
50	24	1377	68GH1	1
50	25	1378	72SA1	1
50	26	1379	27RI1	15
50	27	1380	67KN1	5
50	28	1381	62WI1	9
50	29	1382	76GO2	2
50	30	1383	79CE1	1
50	31	1384	74GO1	1
50	32	1385	73GO3	1
50	33	1386	70CO1	1
50	34	1387	36JO1	2
50	35	1366	34GR1	22
50	36	2075	84RAO1	4

Z	N	MSET	REF	NTAL
51	1	1425	39WR1	10
51	2	2081	84RAO1	3

Z	N	MSET	REF	NTAL
52	1	1437	36SC1	19
52	2	1438	39WR1	10
52	3	2082	84RAO1	3



Z	N	MSET	REF	NTAL
53	1	1442	39HA2	29
53	2	1443	38MU1	17
53	3	1444	22WI1	1
53	4	1445	63SC1	1
53	5	1446	39WR1	10
53	6	2079	84RA01	3

Z	N	MSET	REF	NTAL
54	1	1465	70MC2	3
54	2	1467	66GA1	1
54	3	1468	34WH1	13
54	4	1469	63CH1	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
56	1	1475	38MU1	16
56	2	1476	22WI1	1
56	3	1477	26AL1	12
56	4	2080	84RA01	3
56	5	2087	82SC01	25

Z	N	MSET	REF	NTAL
57	1	1481	69DE1	5
57	2	1482	67MC1	9
57	3	1483	70CO1	1

Z	N	MSET	REF	NTAL
58	1	1488	70OR1	9
58	2	1489	38MU1	16
58	3	1490	39WR1	11

Z	N	MSET	REF	NTAL
59	1	1496	69DA1	3

Z	N	MSET	REF	NTAL
60	1	1500	70OR1	5
60	2	1501	67KN1	8
60	3	1502	80PR1	4

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
62	1	1506	70OR1	8
62	2	1507	69DE1	4

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
64	1	1513	70OR1	8
64	2	1515	69DA1	5
64	3	1516	69DE1	4

64	4	1517	67MC1	10
64	5	1518	67KN1	8
64	6	1519	77RA1	3
64	7	1520	70CO1	1
64	8	2039	84LIO1	7
64	9	2094	82RA01	1
64	10	2104	81RA01	5

Z	N	MSET	REF	NTAL
65	1	1524	69DE1	7

Z	N	MSET	REF	NTAL
66	1	2042	84LIO1	7
66	2	2097	82RA01	1
66	3	2105	81RA01	5

Z	N	MSET	REF	NTAL
67	1	1528	70OR1	6
67	2	1529	69DE1	6
67	3	1530	67KN1	8

Z	N	MSET	REF	NTAL
68	1	1533	69DA1	7
68	2	2041	84LIO1	7

Z	N	MSET	REF	NTAL
69	1	1536	69DE1	3

Z	N	MSET	REF	NTAL
70	1	1538	70OR1	6
70	2	1540	69DE1	6
70	3	1541	67KN1	8

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
72	1	1548	64KA1	2
72	2	1549	69DE1	4
72	3	1550	67MC1	9
72	4	1551	70CO1	1

Z	N	MSET	REF	NTAL
73	1	1558	68HO1	8
73	2	1559	66HU1	9
73	3	1560	74PA1	11
73	4	1561	66HE1	11
73	5	1562	69DE1	6
73	6	1564	77RA2	7
73	7	1565	77MU1	7
73	8	1566	41LA1	29
73	9	1567	34GR1	15
73	10	1568	79PU1	4
73	11	1569	62WI1	14

73	12	1570	76GO1	2
73	13	1571	34HA1	2
73	14	1572	74GO1	1
73	15	1573	36JO1	2
73	16	2045	83LIO1	4

Z	N	MSET	REF	NTAL
74	1	1590	59DE1	15
74	2	1592	26AL1	11
74	3	1593	67DE1	6
74	4	1594	68PA2	1
74	5	1595	26AL1	25
74	6	1596	41LA1	24
74	7	1597	67MC1	7
74	8	1598	34GR1	11
74	9	1599	67KN1	4
74	10	1600	62WI1	11
74	11	1601	26RI1	8
74	12	1602	78PR1	4
74	13	1603	34HA1	2
74	14	1604	68GH1	1
74	15	1605	70CO1	1
74	16	2046	83LI83	4
74	17	2083	84RA01	4
74	18	2096	82RA01	1

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
77	1	1626	69DE1	5
77	2	1627	41LA1	14

Z	N	MSET	REF	NTAL
78	1	1630	28JO1	2
78	2	1631	60EH1	1
78	3	1632	68HO1	9
78	4	1633	29BA1	25
78	5	1635	9BA1	3
78	6	1636	26AL1	6
78	7	1637	26AL1	26
78	8	1639	59DE1	16
78	9	1638	26AL1	11
78	10	1640	33WO1	19
78	11	1641	14BR1	6
78	12	1642	41LA1	21
78	13	1643	62WI1	12
78	14	1644	78PR1	4
78	15	1645	34GR1	6
78	16	2095	82RA01	1

Z	N	MSET	REF	NTAL
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79	1	1663	66HU1	11
79	2	1666	68HO1	10
79	3	1668	74PA1	11
79	4	1669	9KA1	3
79	5	1670	36SC1	9
79	6	1671	29BA1	19
79	7	1673	26AL1	6
79	8	1674	26AL1	8
79	9	1675	26AL1	10
79	10	1676	59DE1	16
79	11	1677	66BE1	8
79	12	1678	41LA1	37
79	13	1679	60MA1	19
79	14	1680	74HA1	2
79	15	1681	33WO1	25
79	16	1682	65AL1	1
79	17	1683	77SH1	1
79	18	1684	22WI1	1
79	19	1685	14BR1	6
79	20	1686	79PU1	4
79	21	1687	69DE1	3
79	22	1688	67MC1	8
79	23	1689	76RE1	3
79	24	1690	34GR1	8
79	25	1691	26RI1	9
79	26	1692	77CH1	12
79	27	1693	62WI1	8
79	28	1694	76GO1	2
79	29	1695	73RA2	1
79	30	1696	79CE1	1
79	31	1697	68GH1	1
79	32	1698	74GO1	1
79	33	1699	59BE1	1
79	34	1701	70CO1	1
79	35	2043	83LIO1	4

Z	N	MSET	REF	NTAL
80	1	1709	31UB1	14
80	2	2084	84RAO1	4

Z	N	MSET	REF	NTAL
81	1	1421	38MU1	17

Z	N	MSET	REF	NTAL
82	1	147	70OR1	7
82	2	148	26AL1	40
82	3	149	36SE1	14
82	4	150	69DE1	14
82	5	151	74PA1	7
82	6	152	32KU1	9
82	7	153	77SH1	1
82	8	154	22WI1	1
82	9	155	21RI1	18

82	10	156	79PU1	4
82	11	157	67ME1	8
82	12	158	72SA1	1
82	13	159	77MU1	4
82	14	160	76RE1	3
82	15	161	67KN1	4
82	16	162	73AL1	1
82	17	163	41LA1	15
82	18	164	62WI1	12
82	19	165	26RI1	7
82	20	166	16HU1	9
82	21	167	76GO1	2
82	22	168	34HA1	1
82	23	169	36JO1	2
82	24	170	73RA2	1
82	25	171	79CE1	1
82	26	172	73RA1	1
82	27	173	34GR1	7
82	28	174	76GO1	1
82	29	175	68GH1	1
82	30	176	73GO3	1
82	31	177	60BE1	21
82	32	178	70CO1	1
82	33	179	73RA3	1
82	34	2044	83LI01	4
82	35	2085	84RA01	4

Z	N	MSET	REF	NTAL
83	1	1730	36SC1	14
83	2	1731	34CA1	16
83	3	1732	24AL1	15
83	4	1733	26AL1	6
83	5	2086	84RA01	4

Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
90	1	1746	67BE1	2
90	2	1747	59RO1	4
90	3	1748	69DE1	2
90	4	1749	77RA2	5
90	5	1750	77MU1	5
90	6	1751	67MC1	8

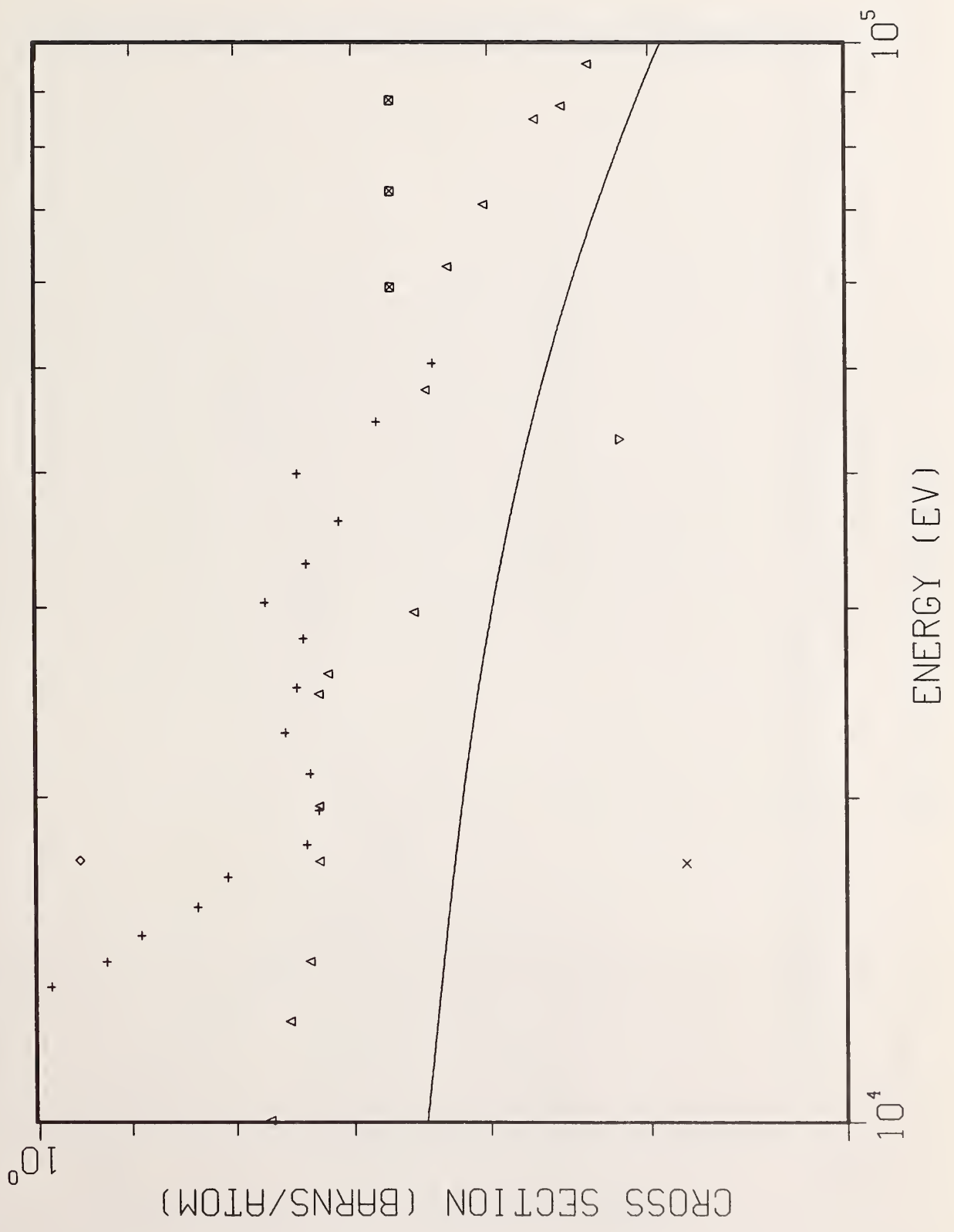


90	7	1752	76RE1	3
90	8	1753	77CH1	6
90	9	1754	62WI1	8
90	10	1755	26AL1	12
90	11	1756	70CO1	1
90	12	2053	84RA01	4

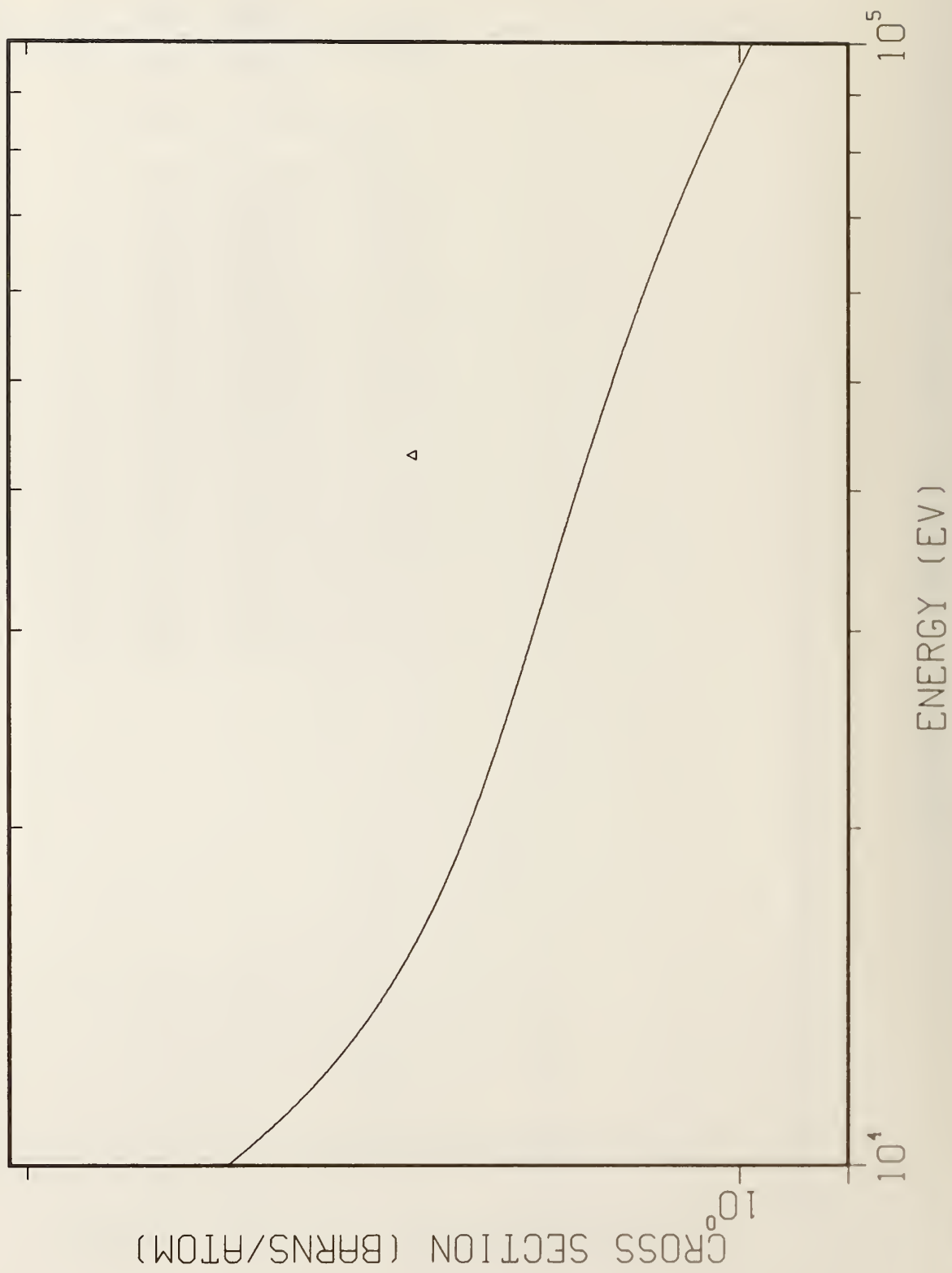
Z	N	MSET	REF	NTAL
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Z	N	MSET	REF	NTAL
92	1	1759	81DE1	30
92	2	1762	67BE1	12
92	3	1763	26AL2	2
92	4	1764	26AL1	4
92	5	1765	59RO1	4
92	6	1766	67PE1	7
92	7	1767	69DE1	34
92	8	1768	67MC1	9
92	9	1819	77CH1	7
92	10	1770	76HA1	1
92	11	1769	77CH1	7
92	12	1771	73RA1	1
92	13	1772	33ST1	6
92	14	1773	32KU1	10
92	15	1774	77MU1	5
92	16	1775	76RE1	3
92	17	1776	70CO1	1
92	18	2054	84RA01	4

ATOMIC NUMBER 1

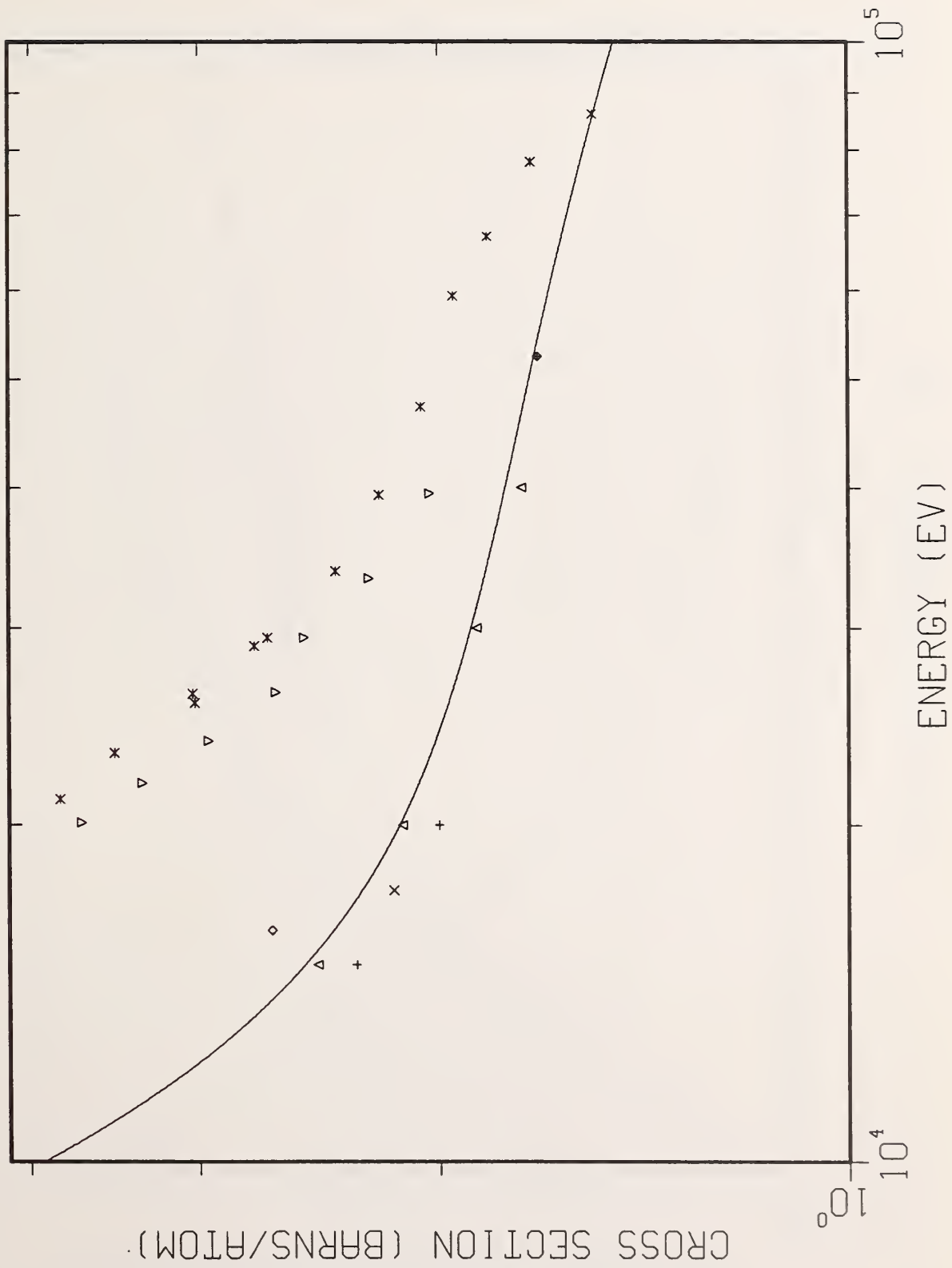


ATOMIC NUMBER 2

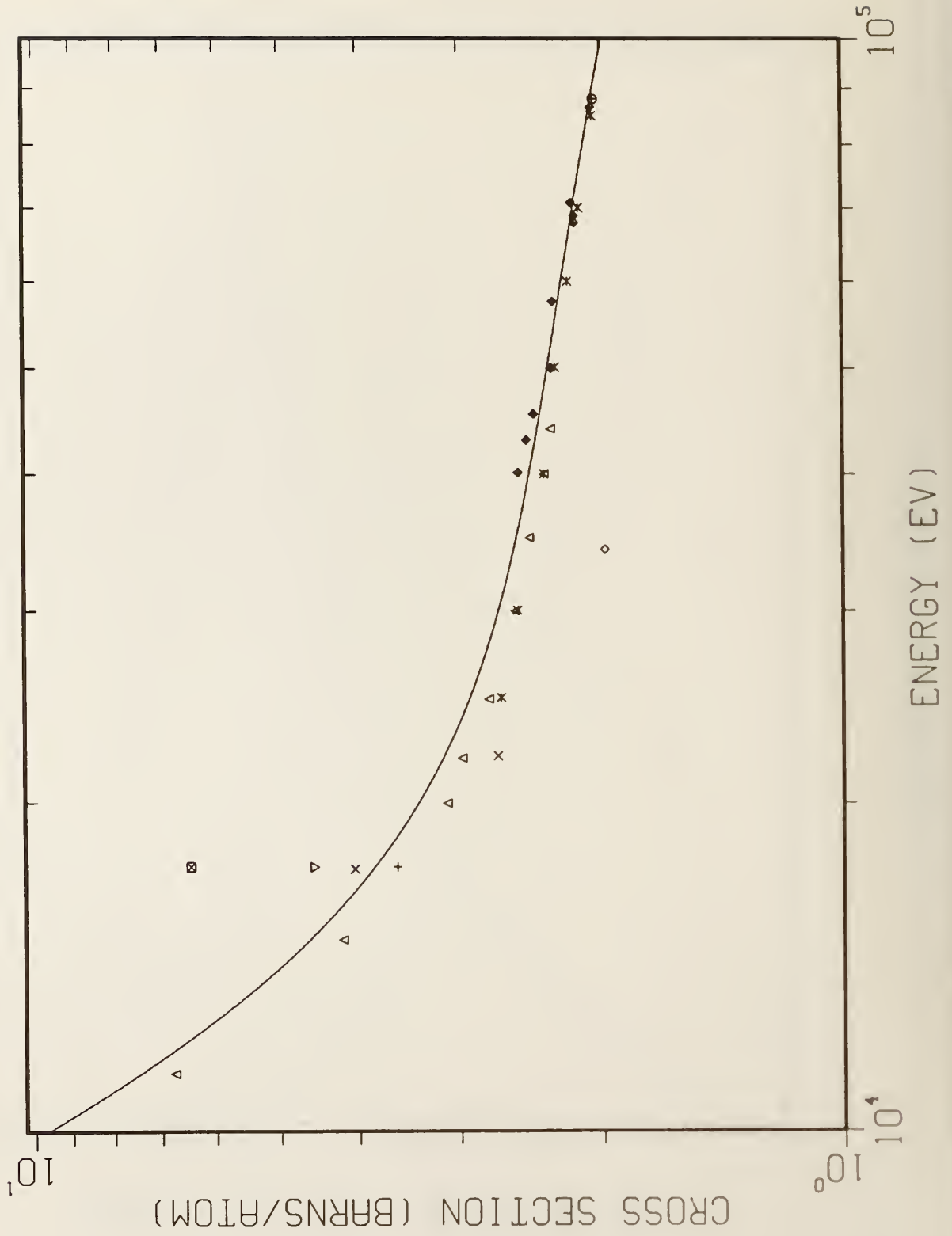




# ATOMIC NUMBER 3



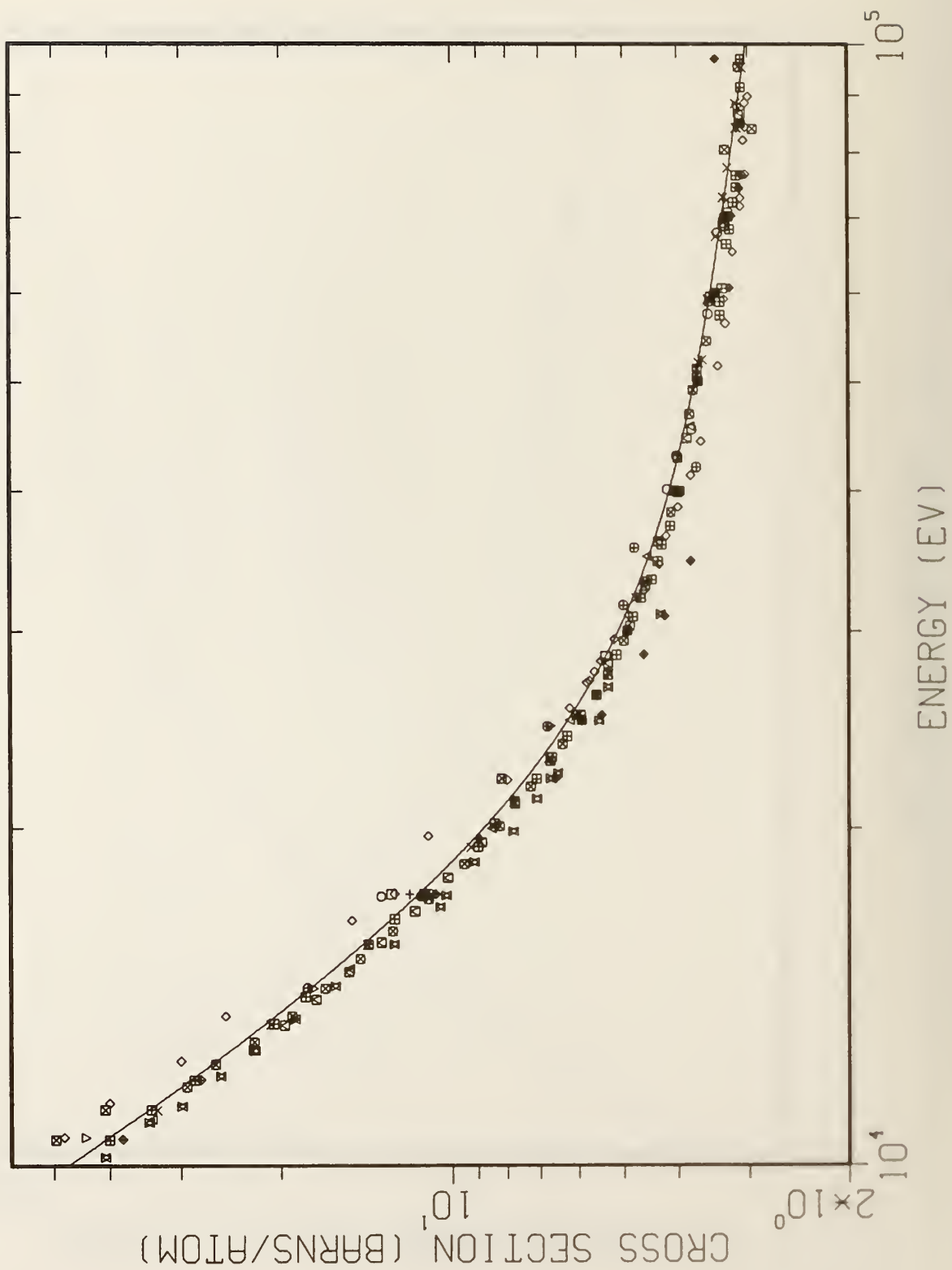
ATOMIC NUMBER 4



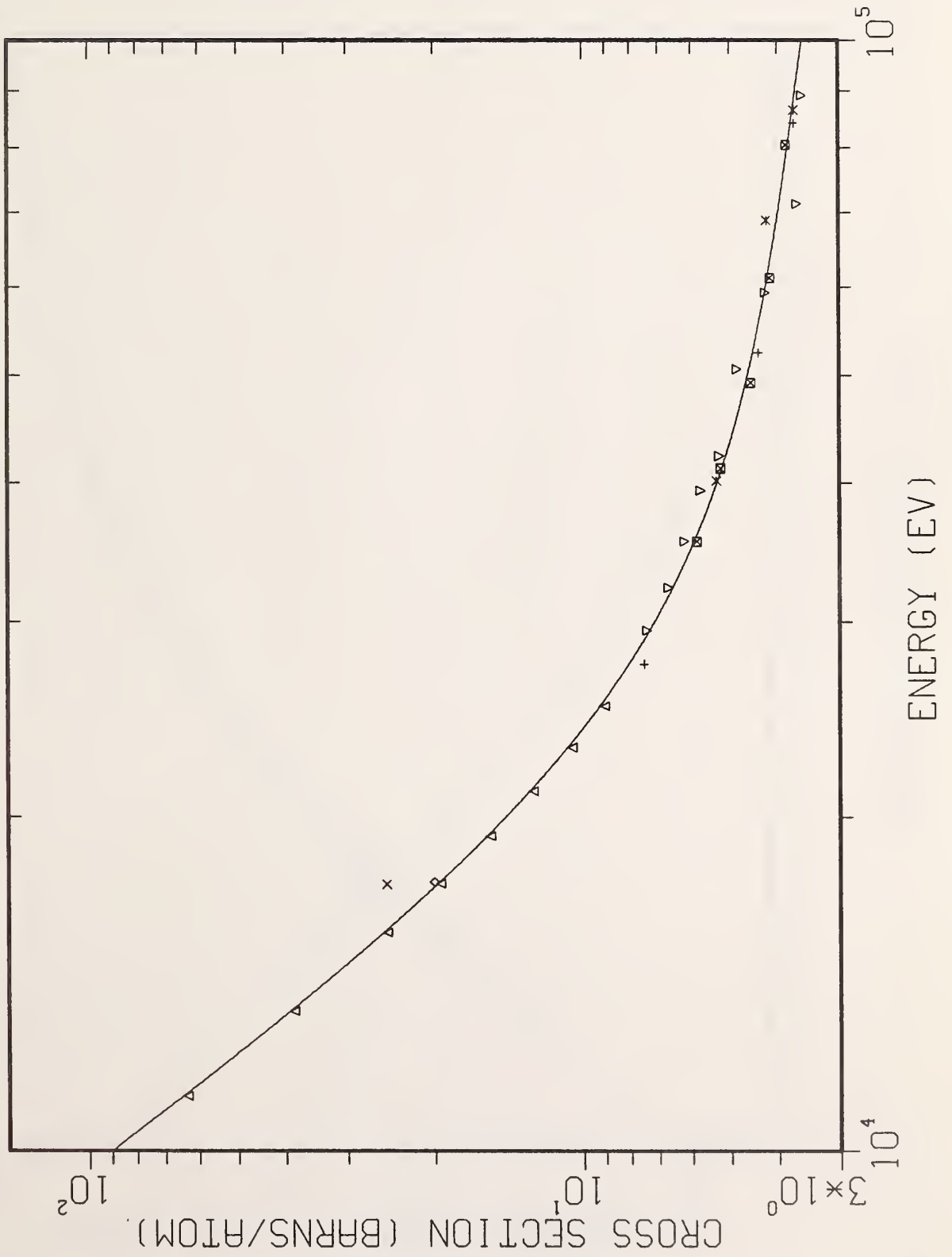
ATOMIC NUMBER 5



# ATOMIC NUMBER 6



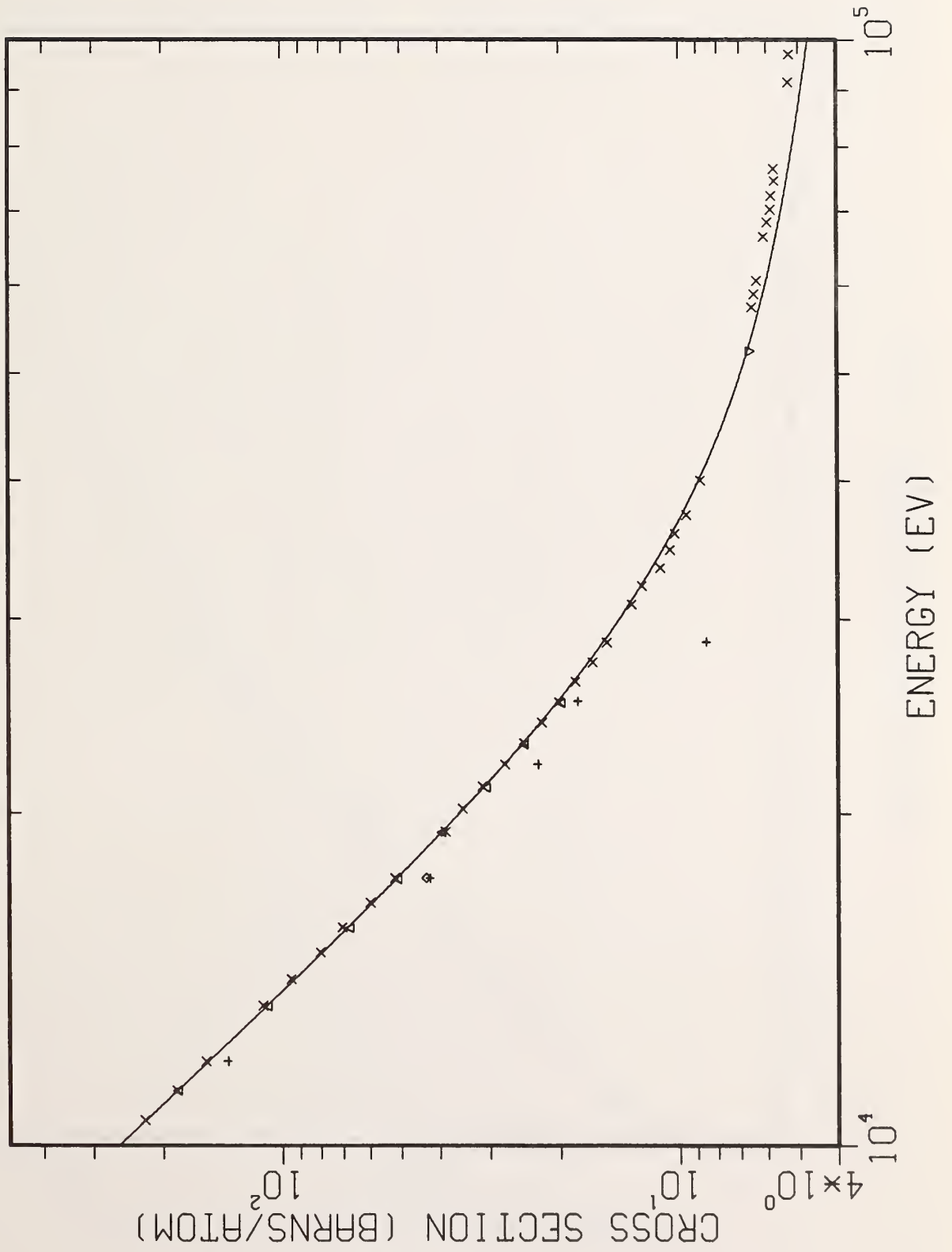
ATOMIC NUMBER 7



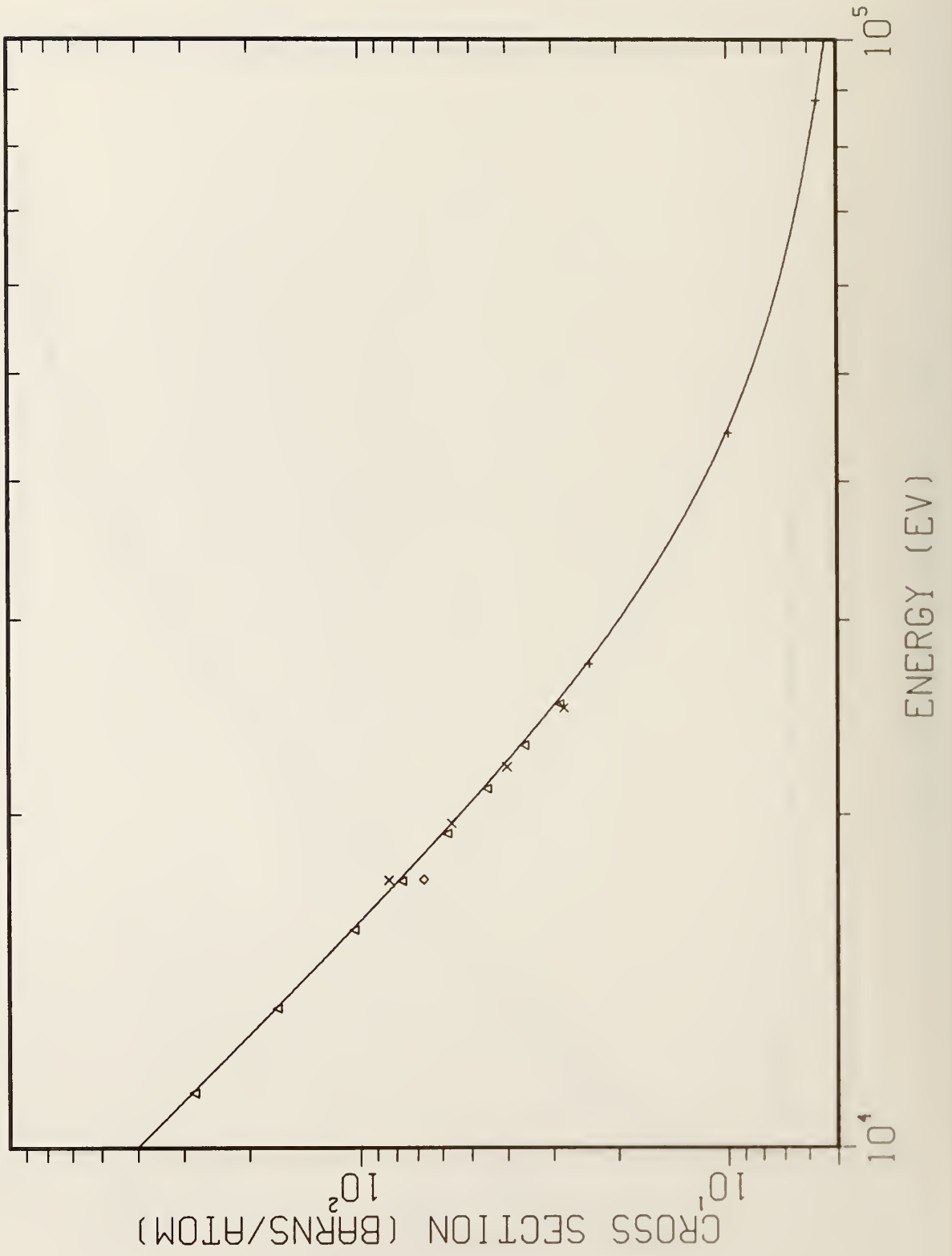
# ATOMIC NUMBER 8



ATOMIC NUMBER 9

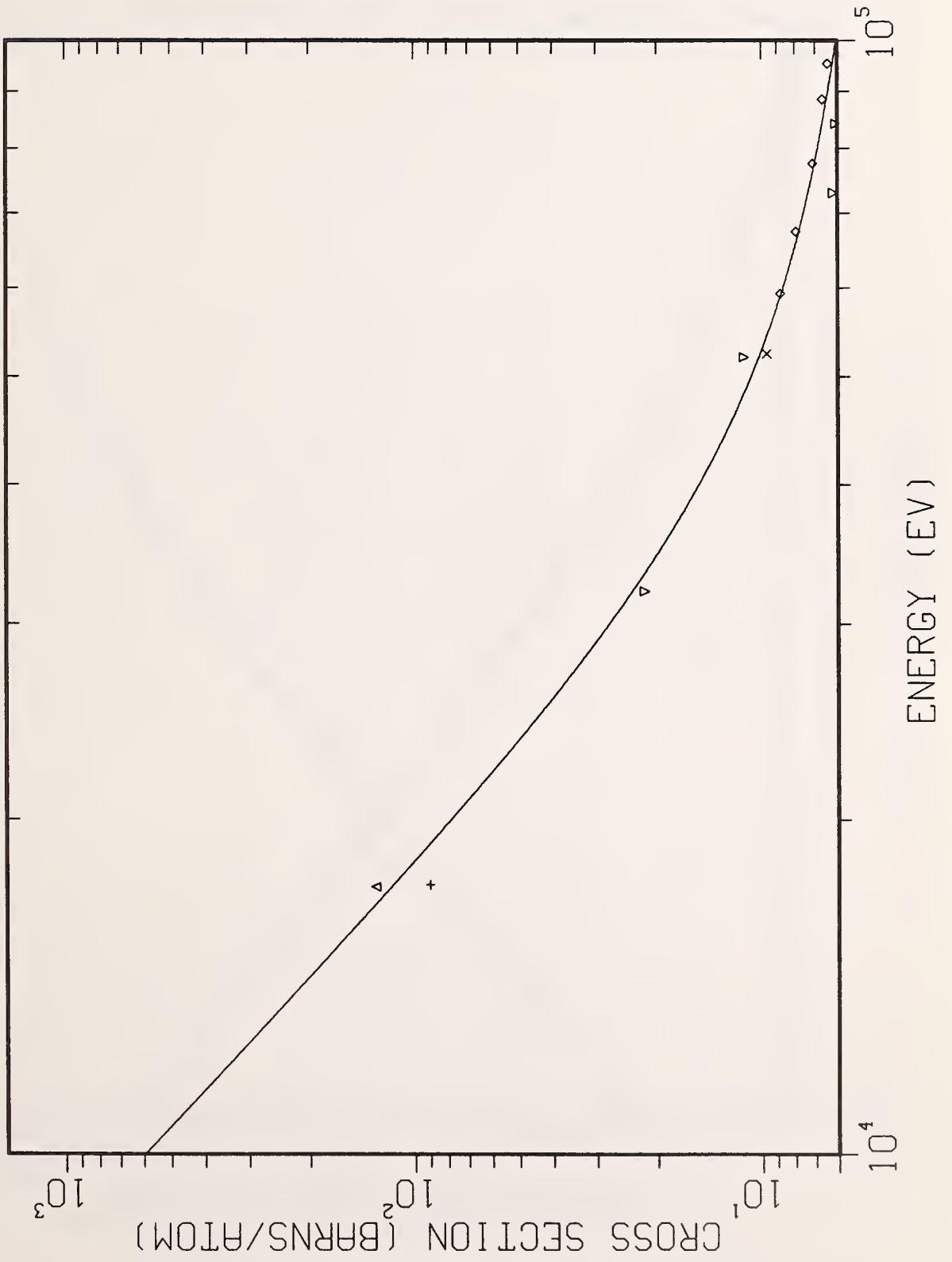


ATOMIC NUMBER 10

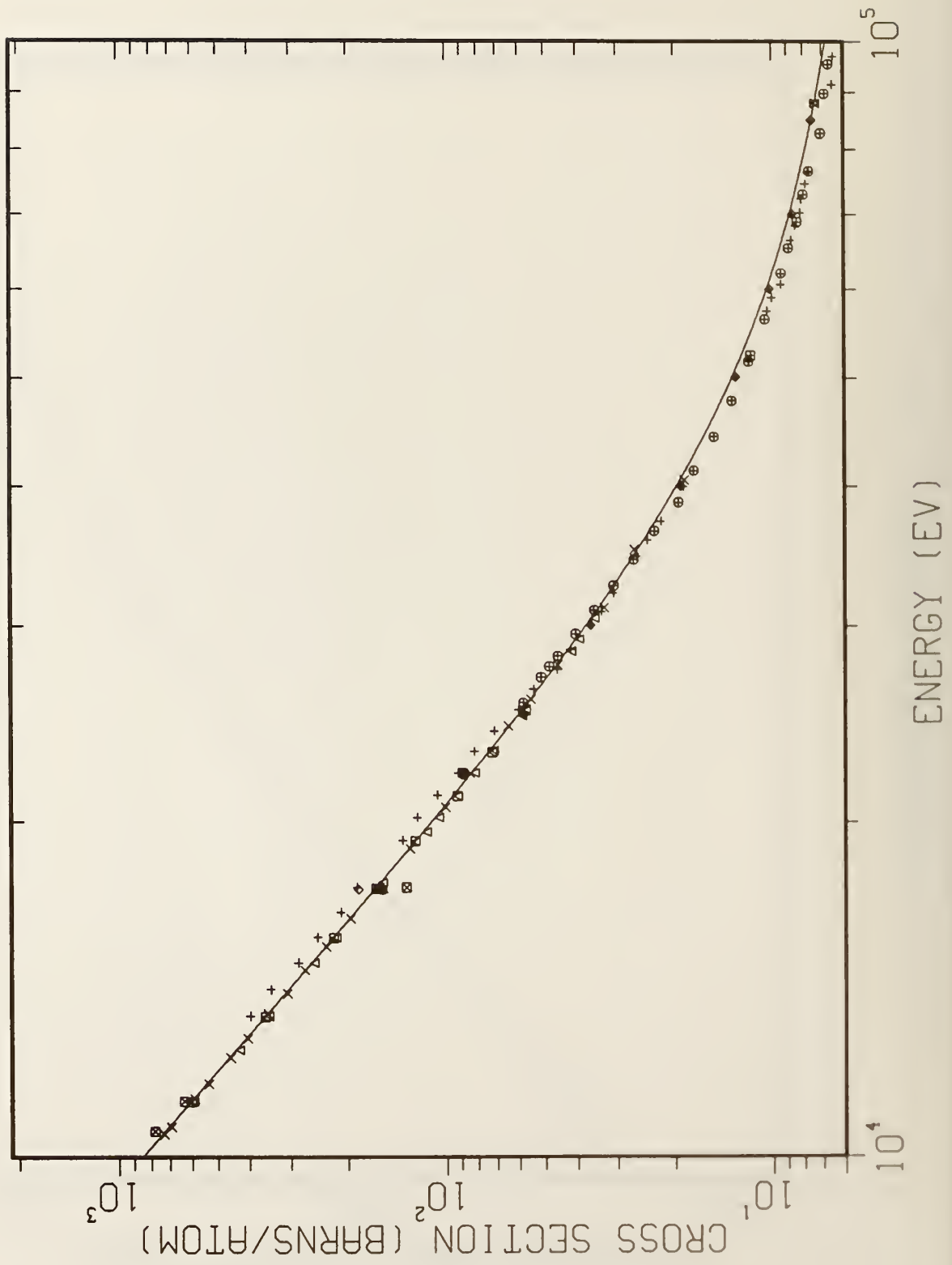




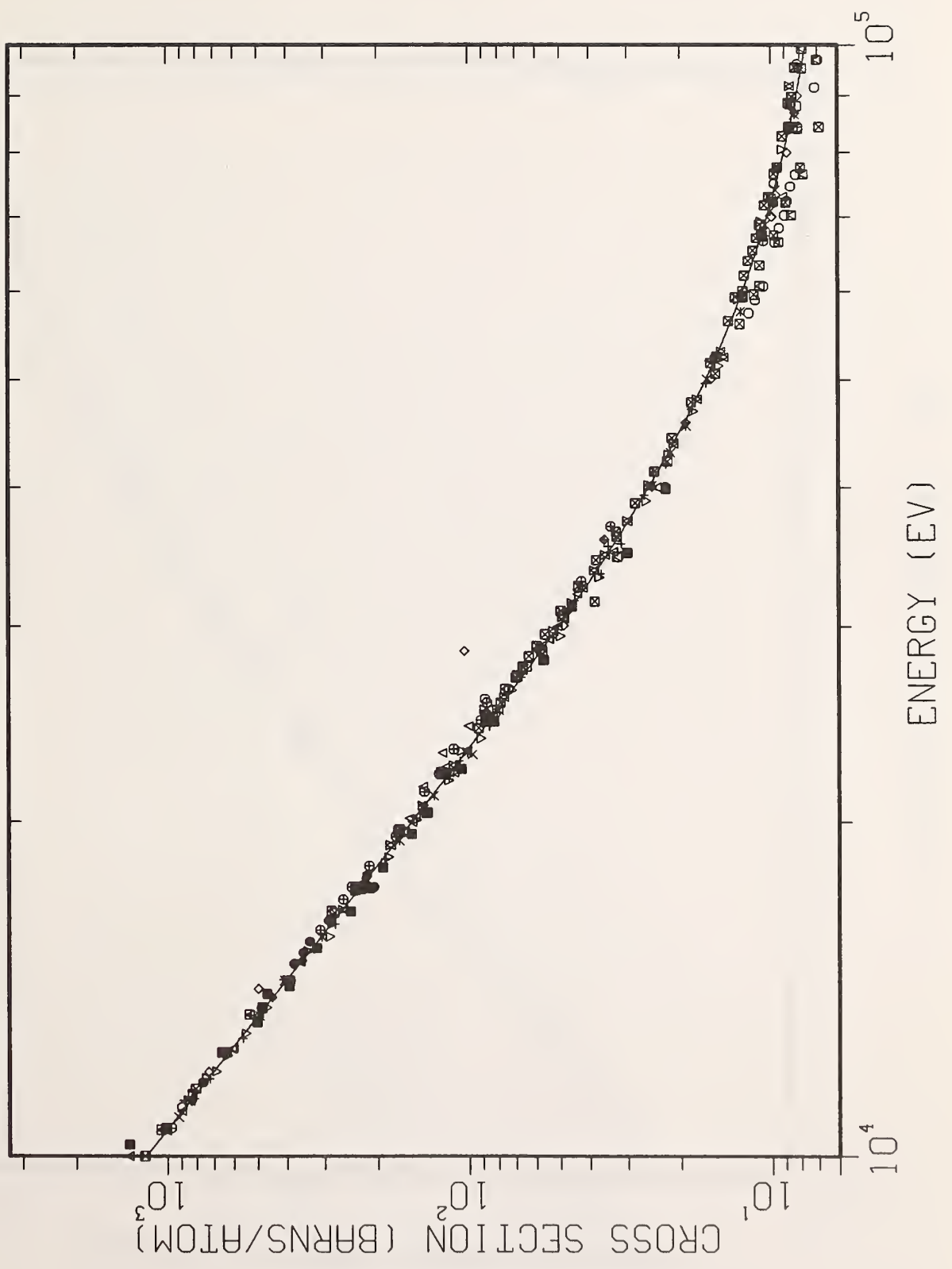
ATOMIC NUMBER 11



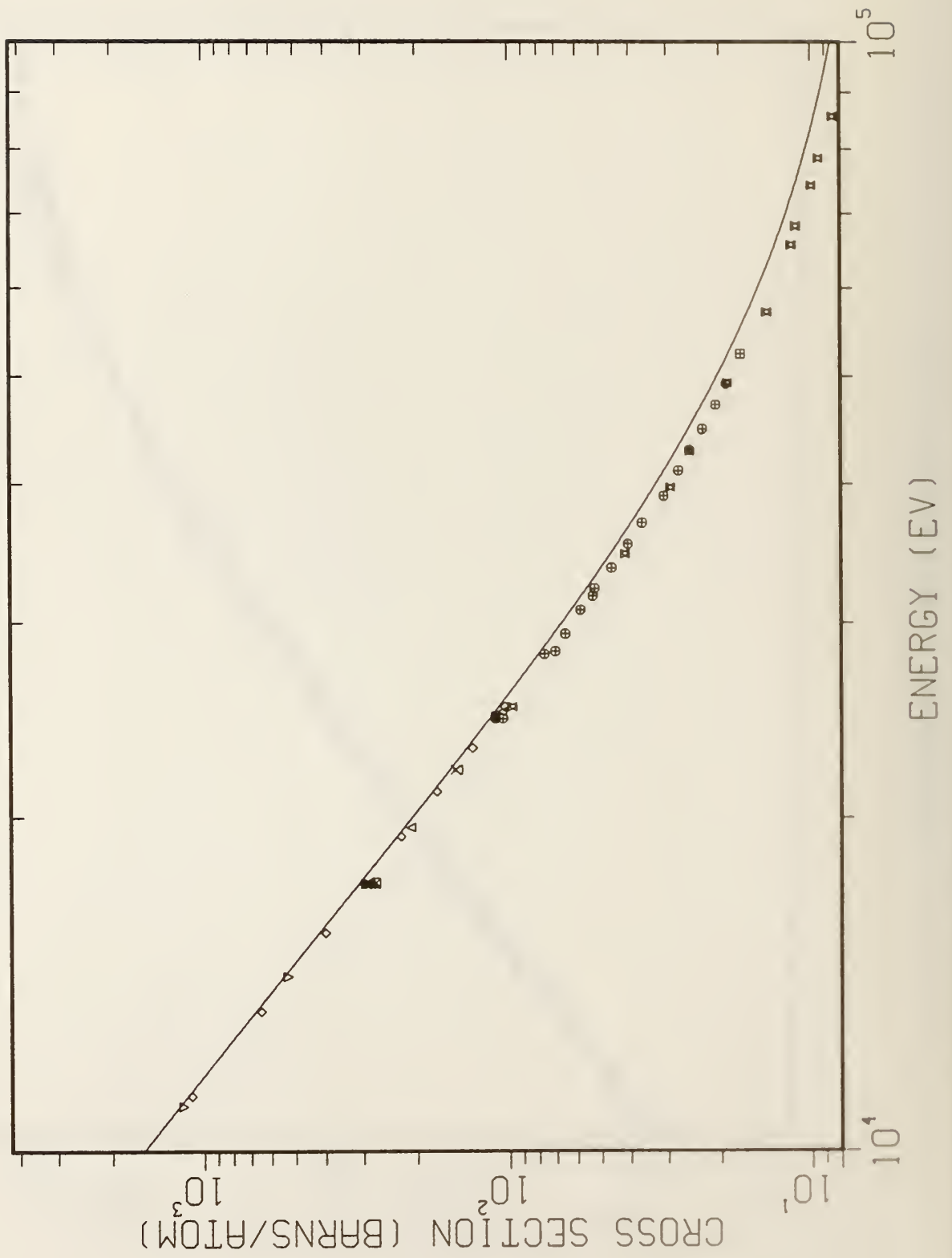
# ATOMIC NUMBER 12



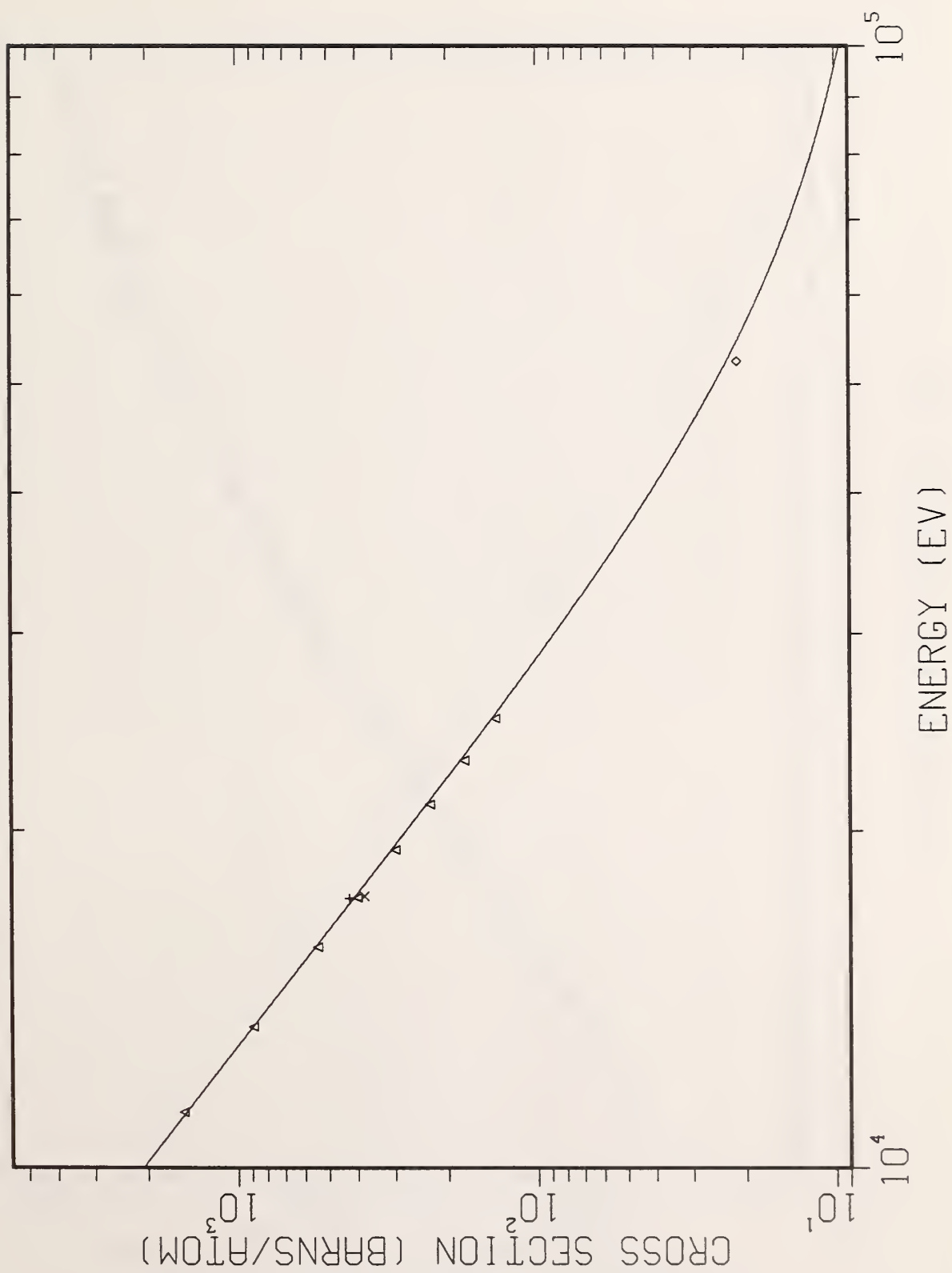
ATOMIC NUMBER 13



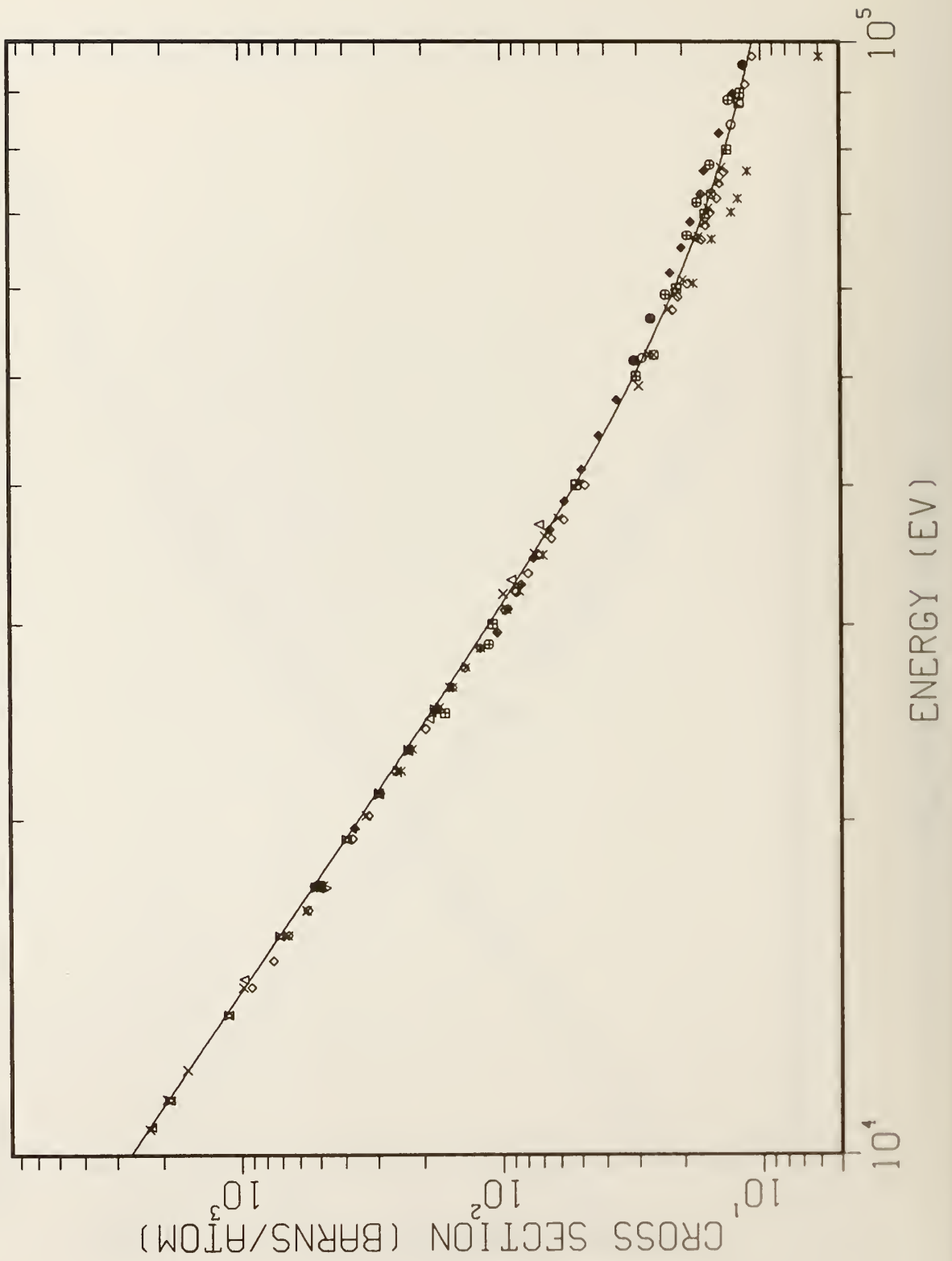
# ATOMIC NUMBER 14

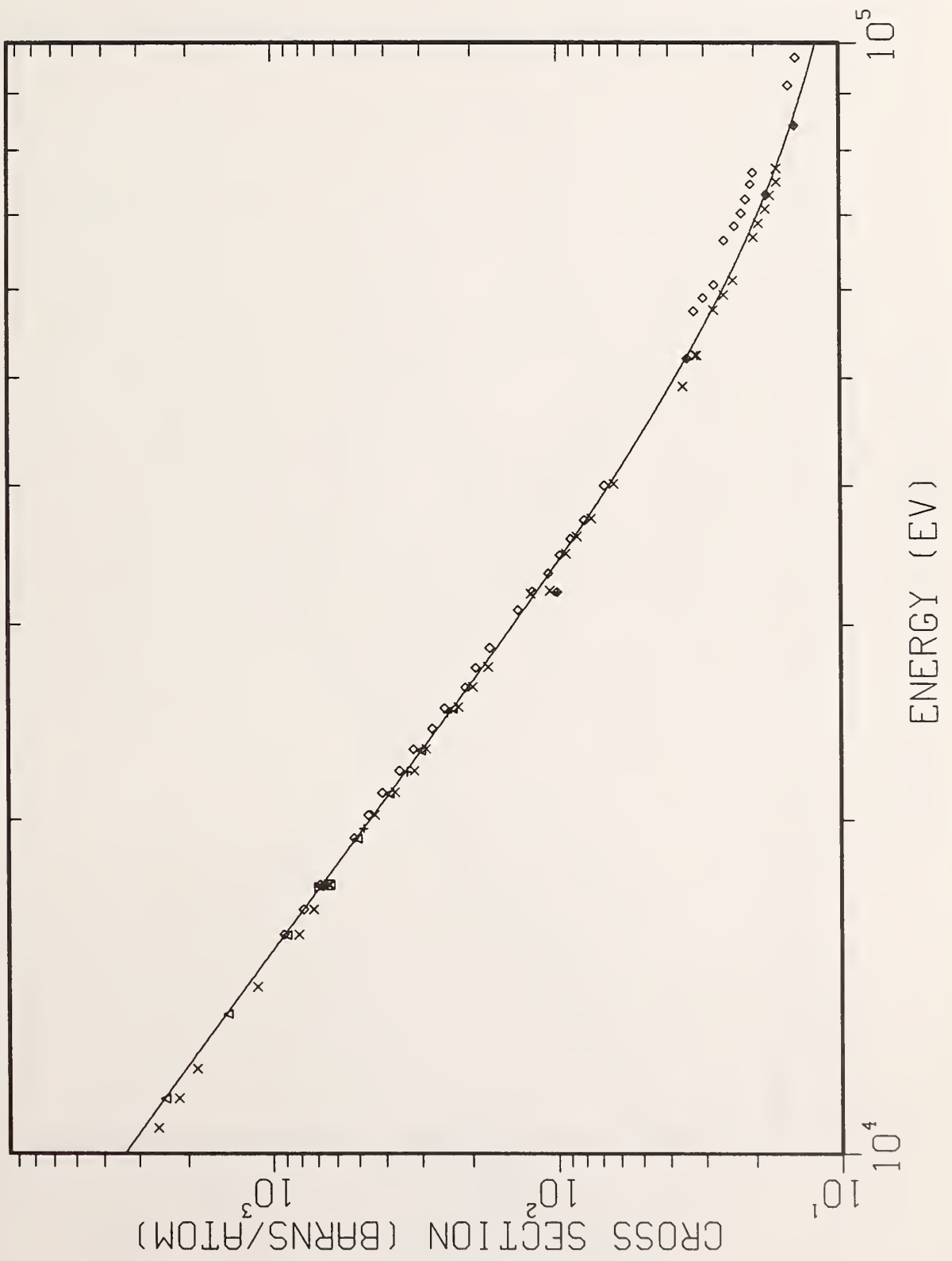


ATOMIC NUMBER 15



# ATOMIC NUMBER 16

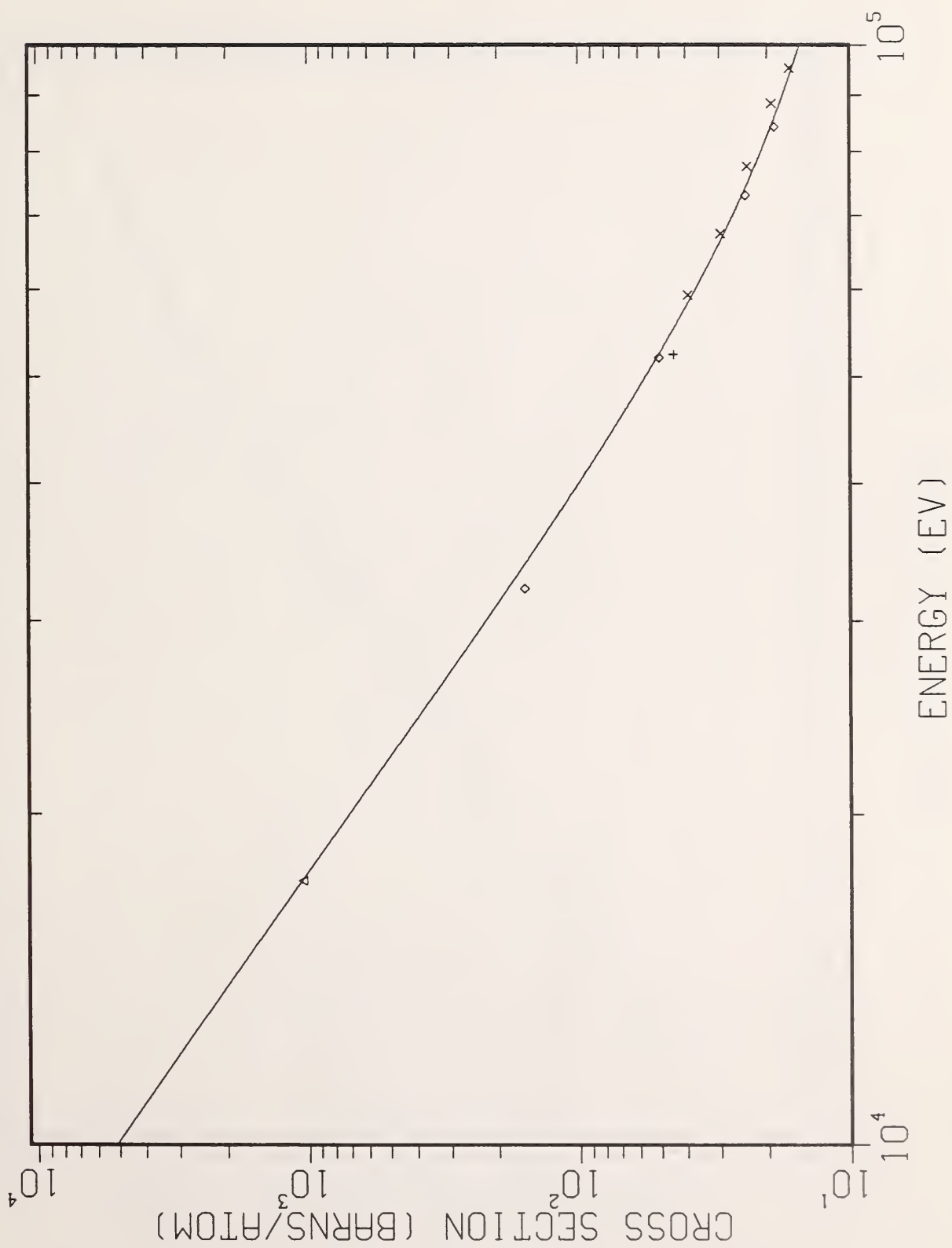




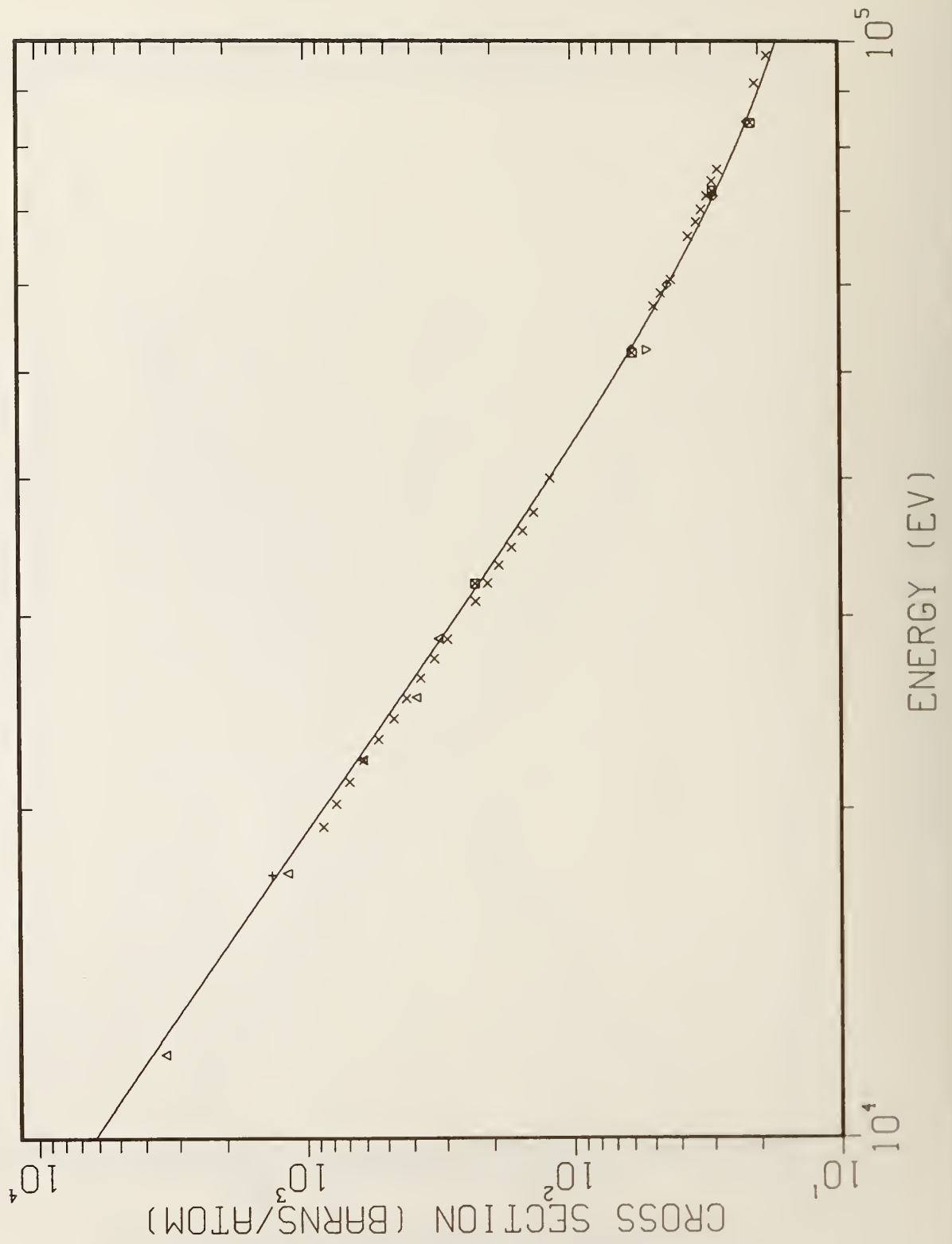
ATOMIC NUMBER 18

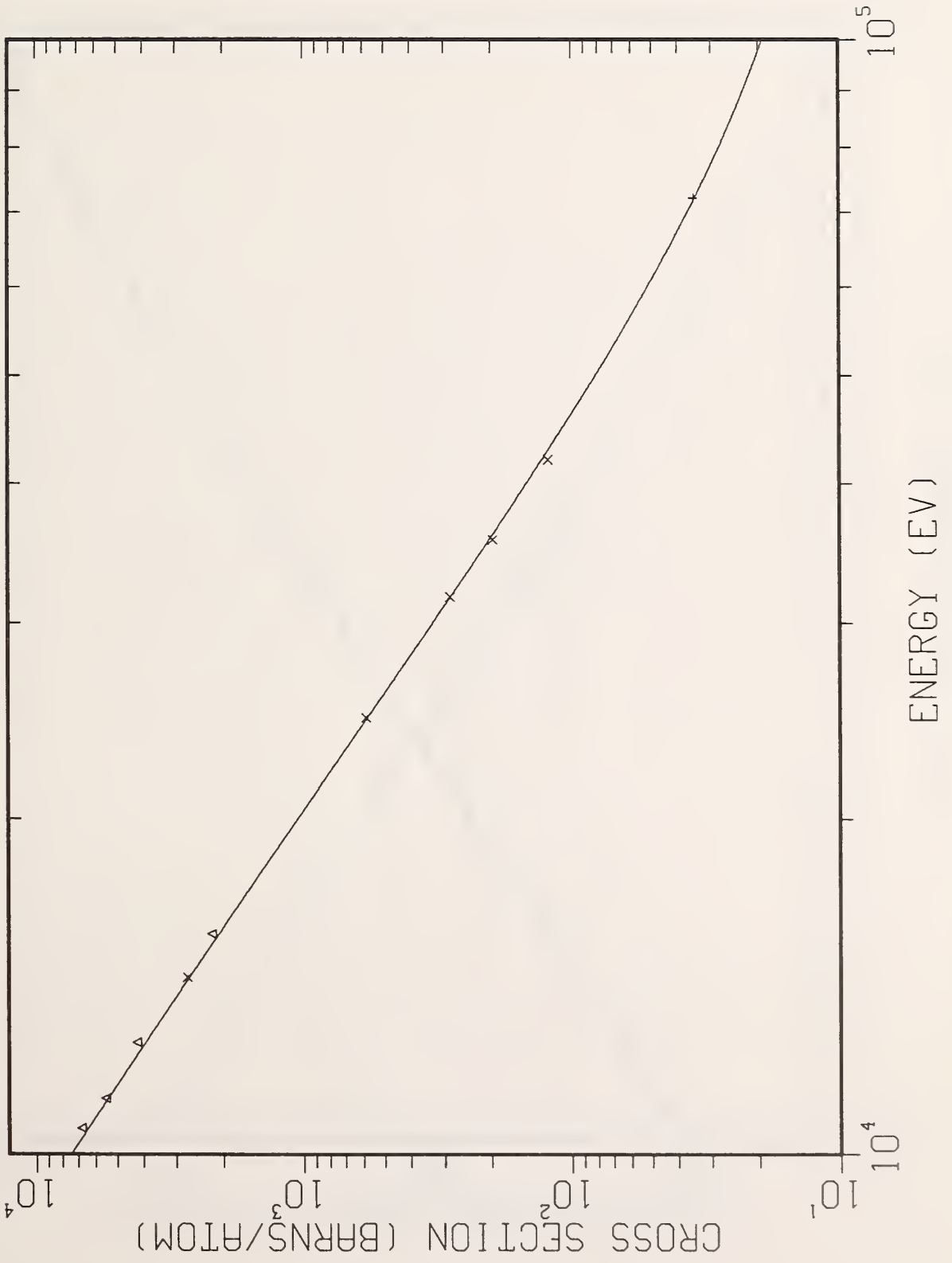






# ATOMIC NUMBER 20

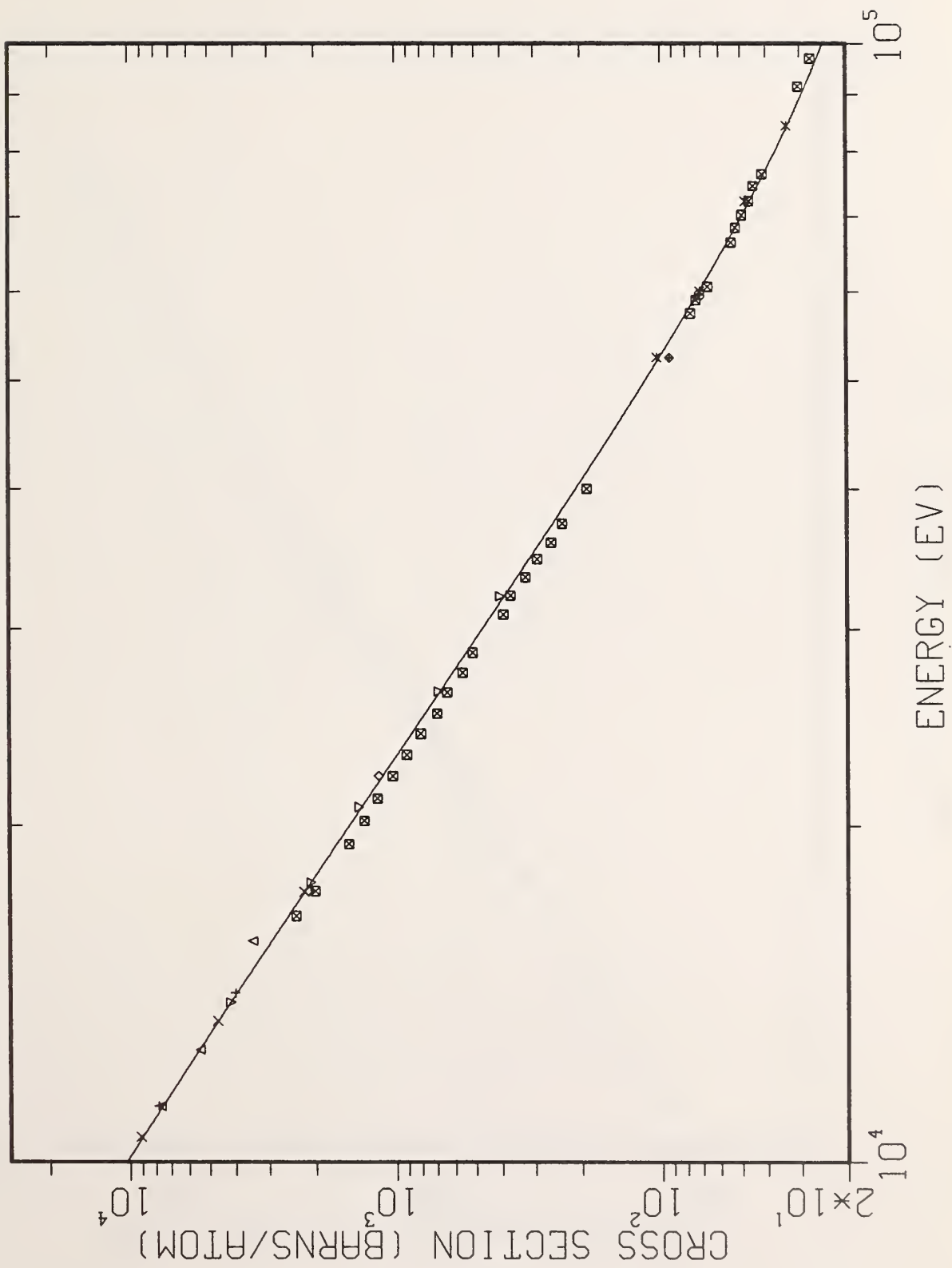




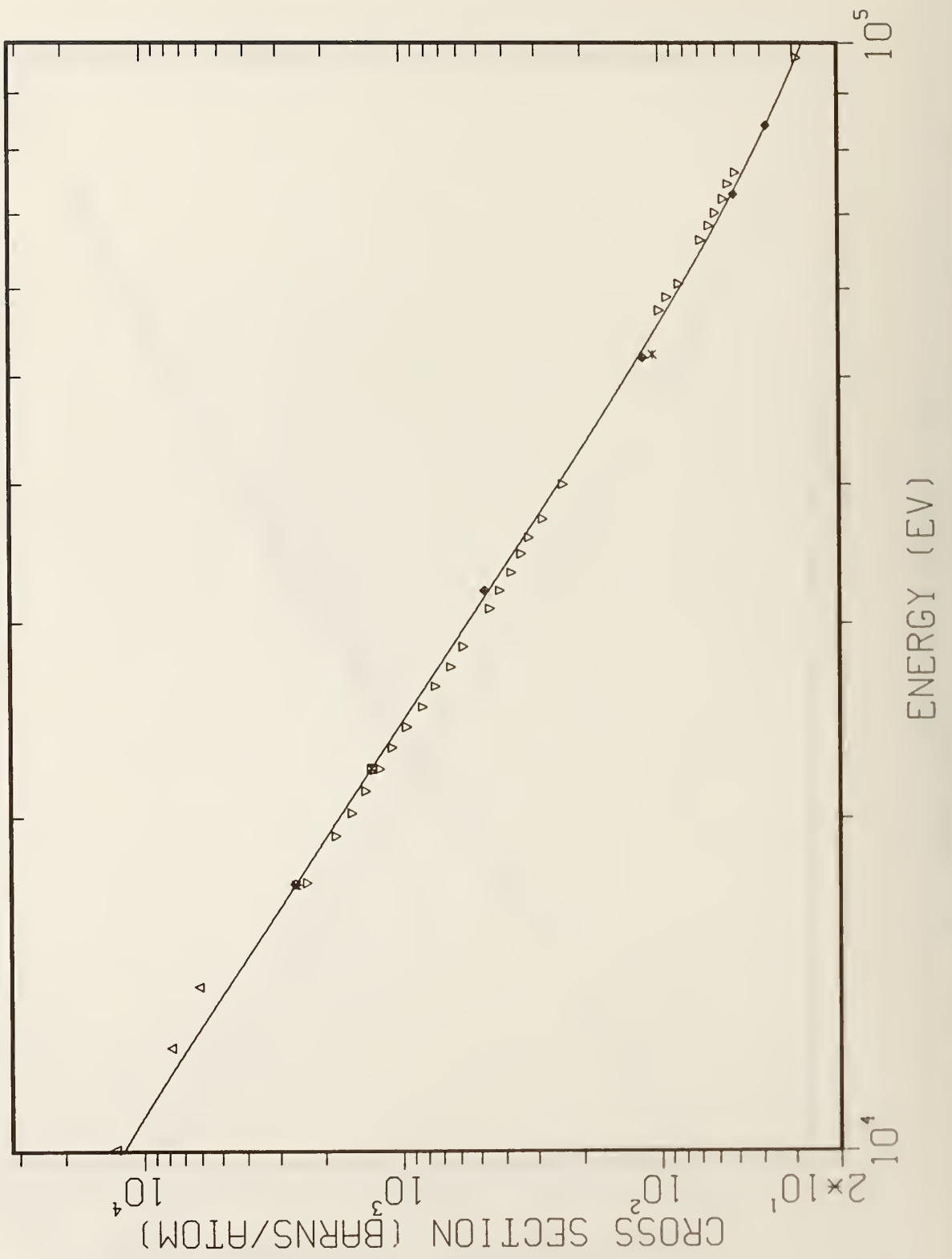
ATOMIC NUMBER 22



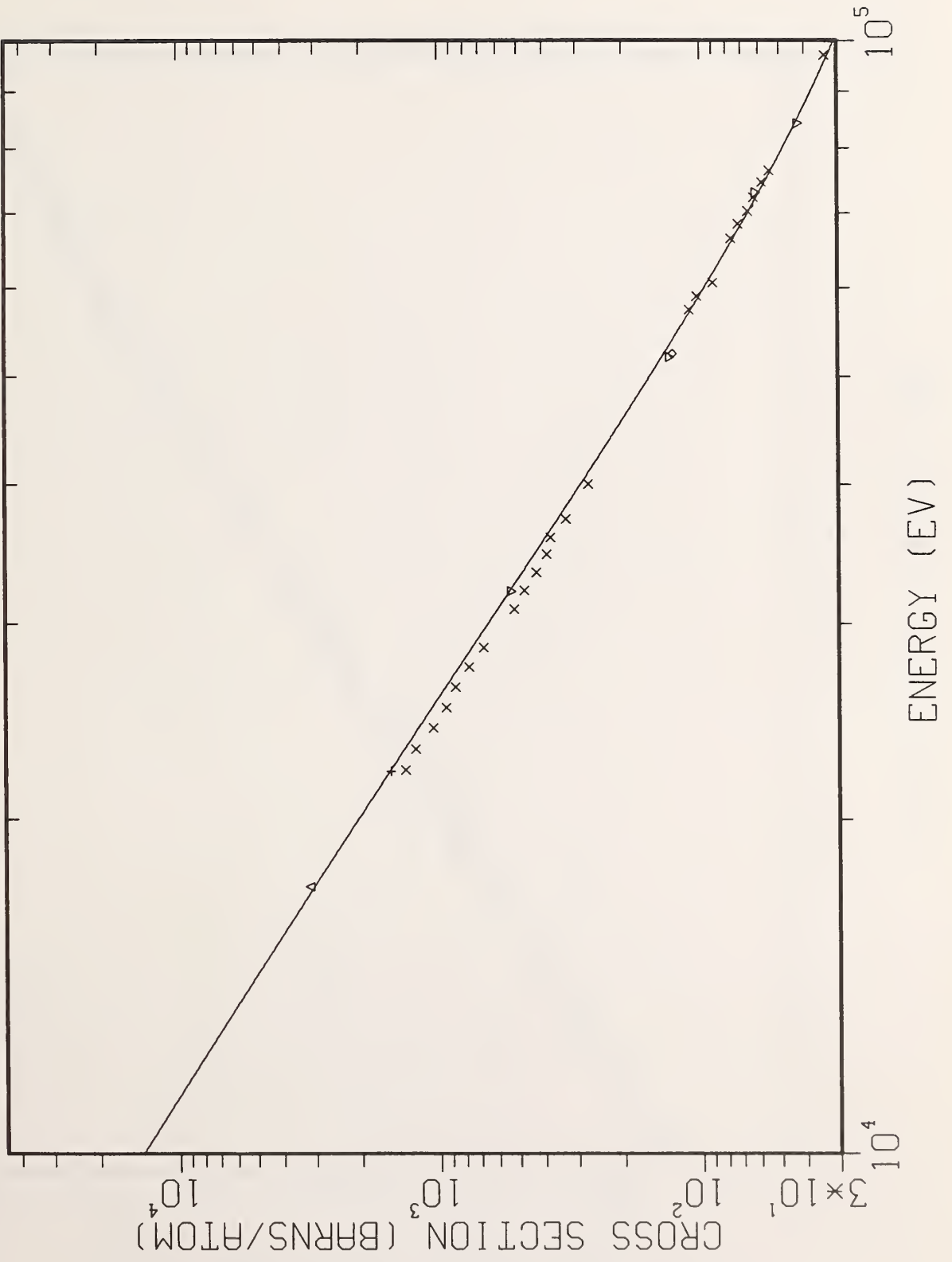
# ATOMIC NUMBER 23



# ATOMIC NUMBER 24



ATOMIC NUMBER 25

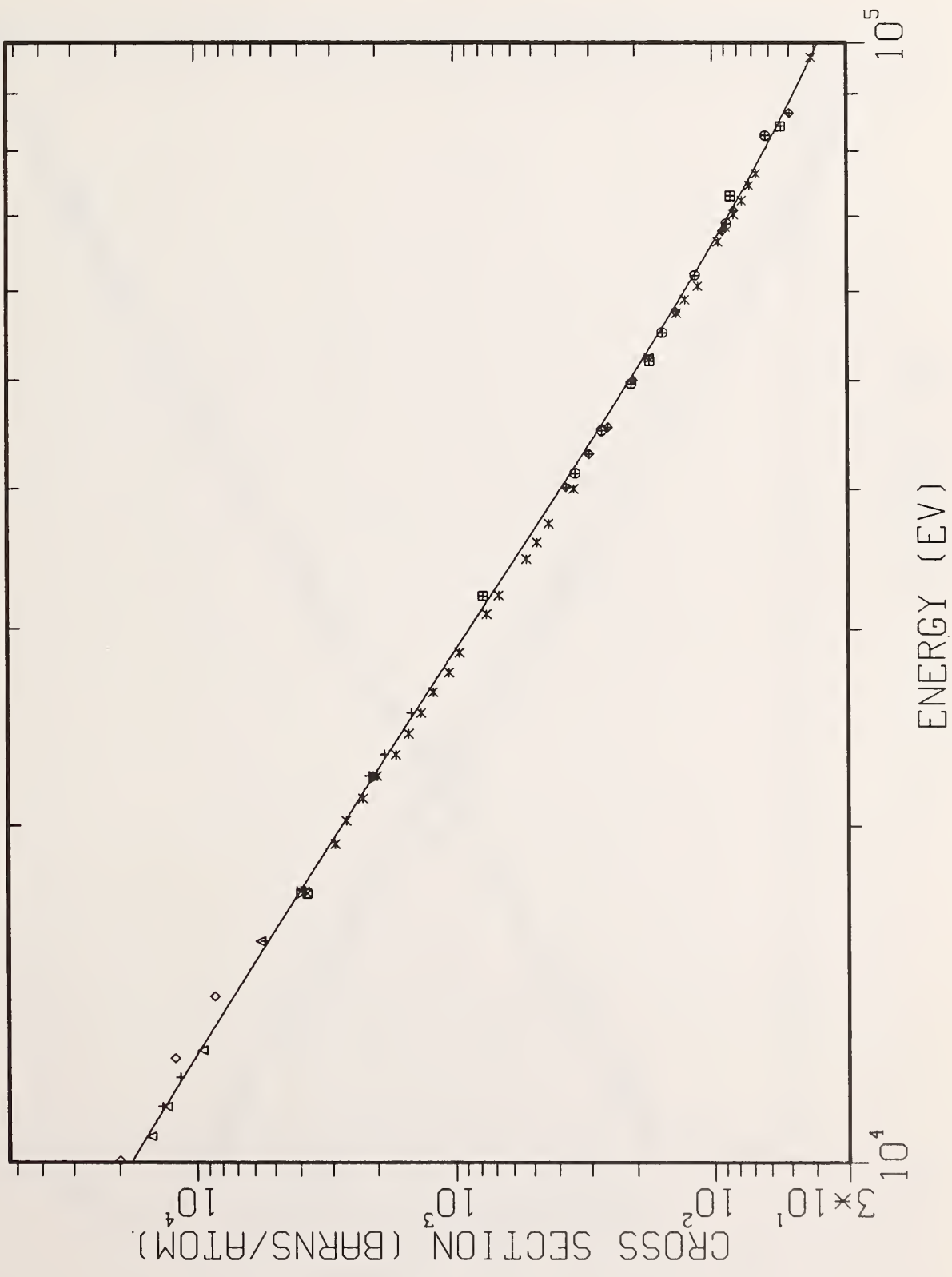


# ATOMIC NUMBER 26

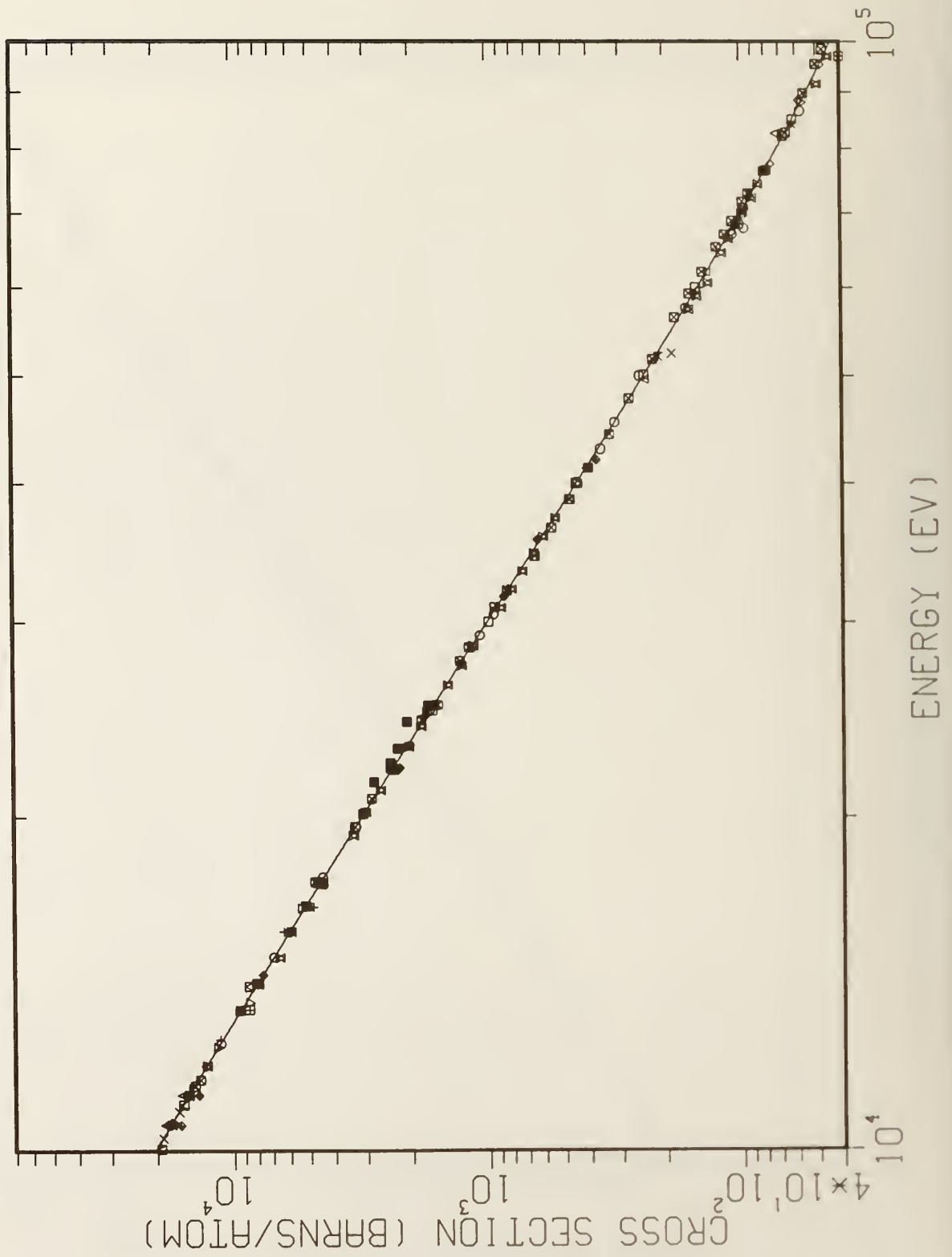




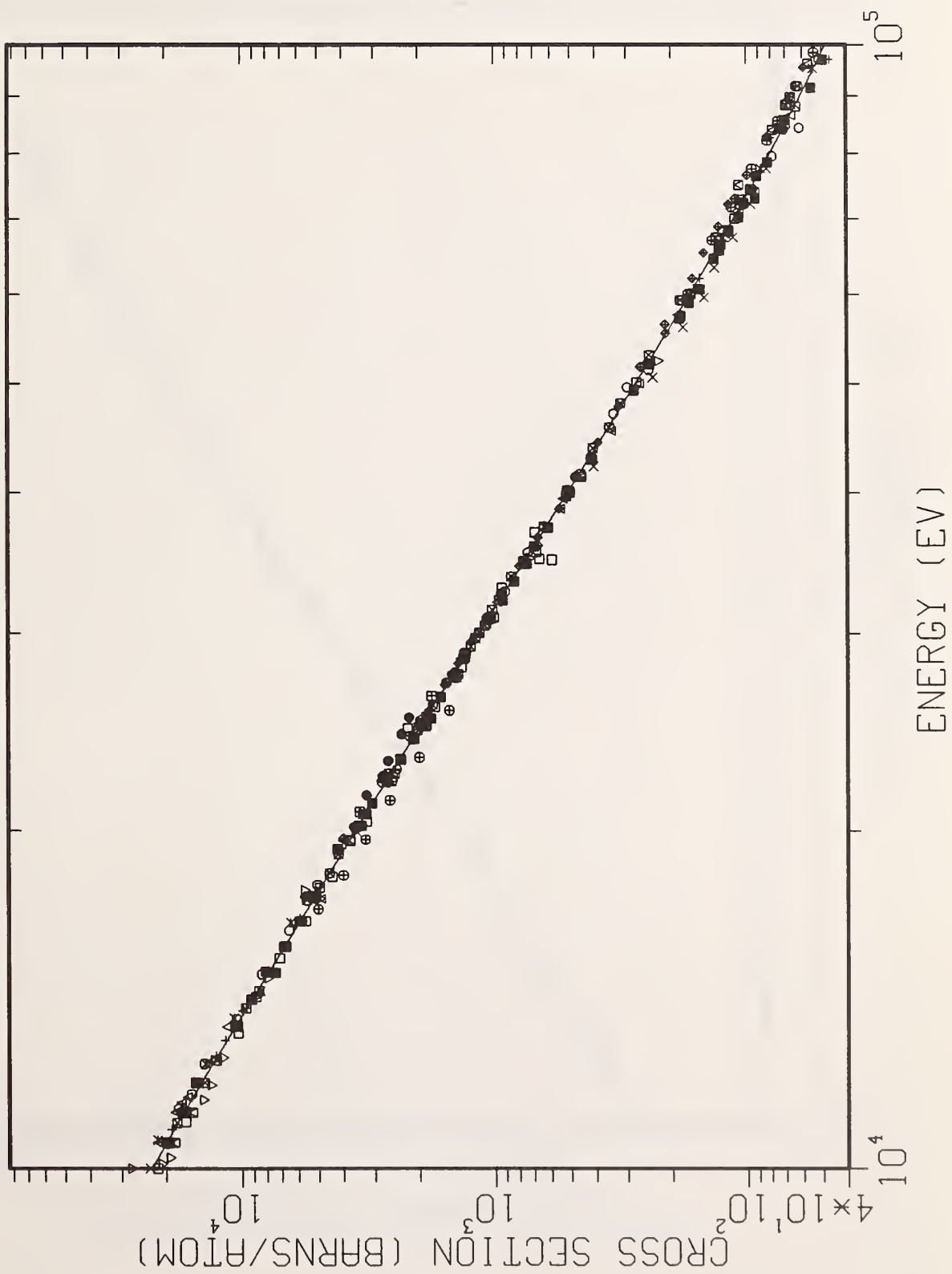
ATOMIC NUMBER 27



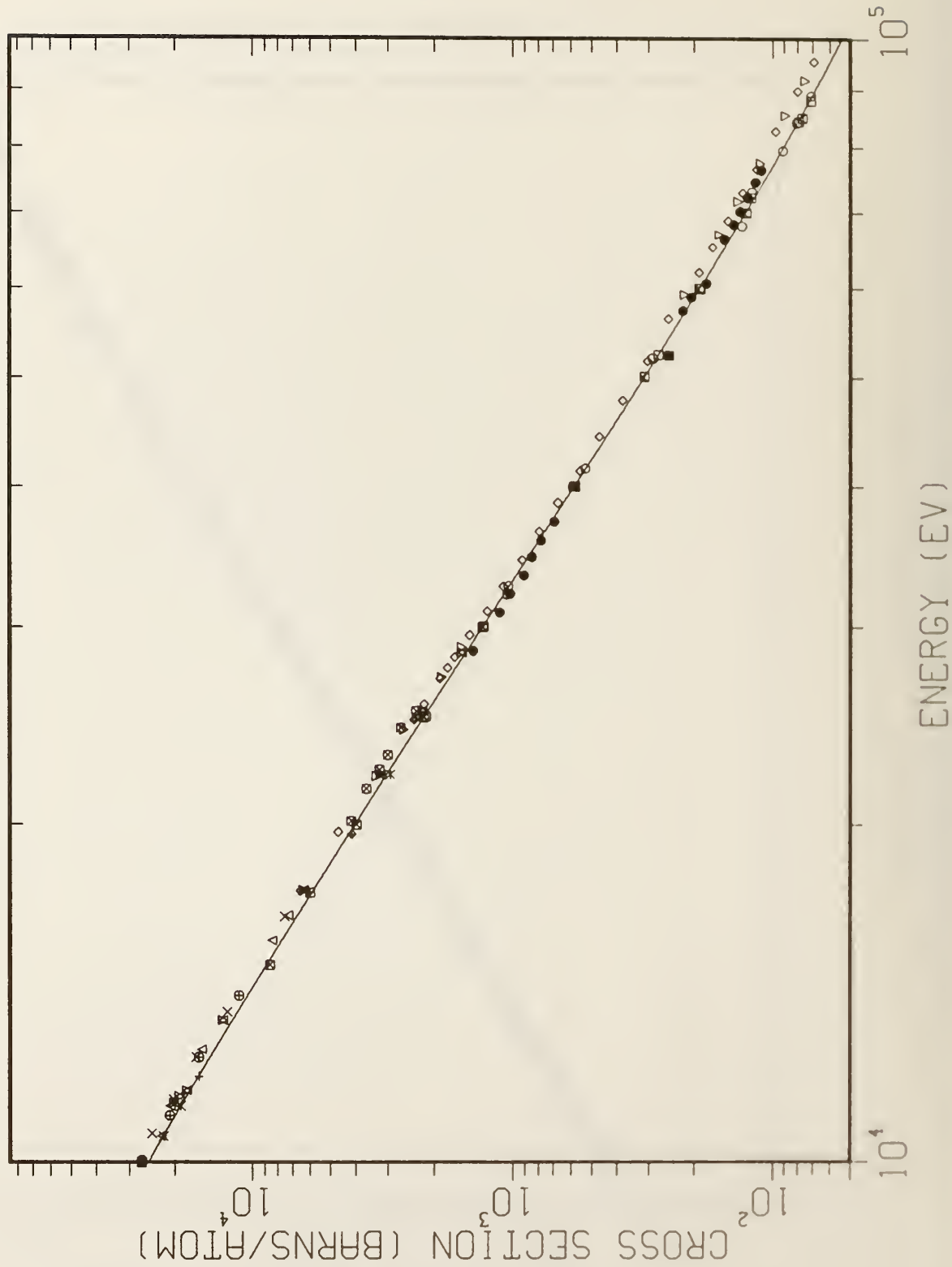
# ATOMIC NUMBER 28



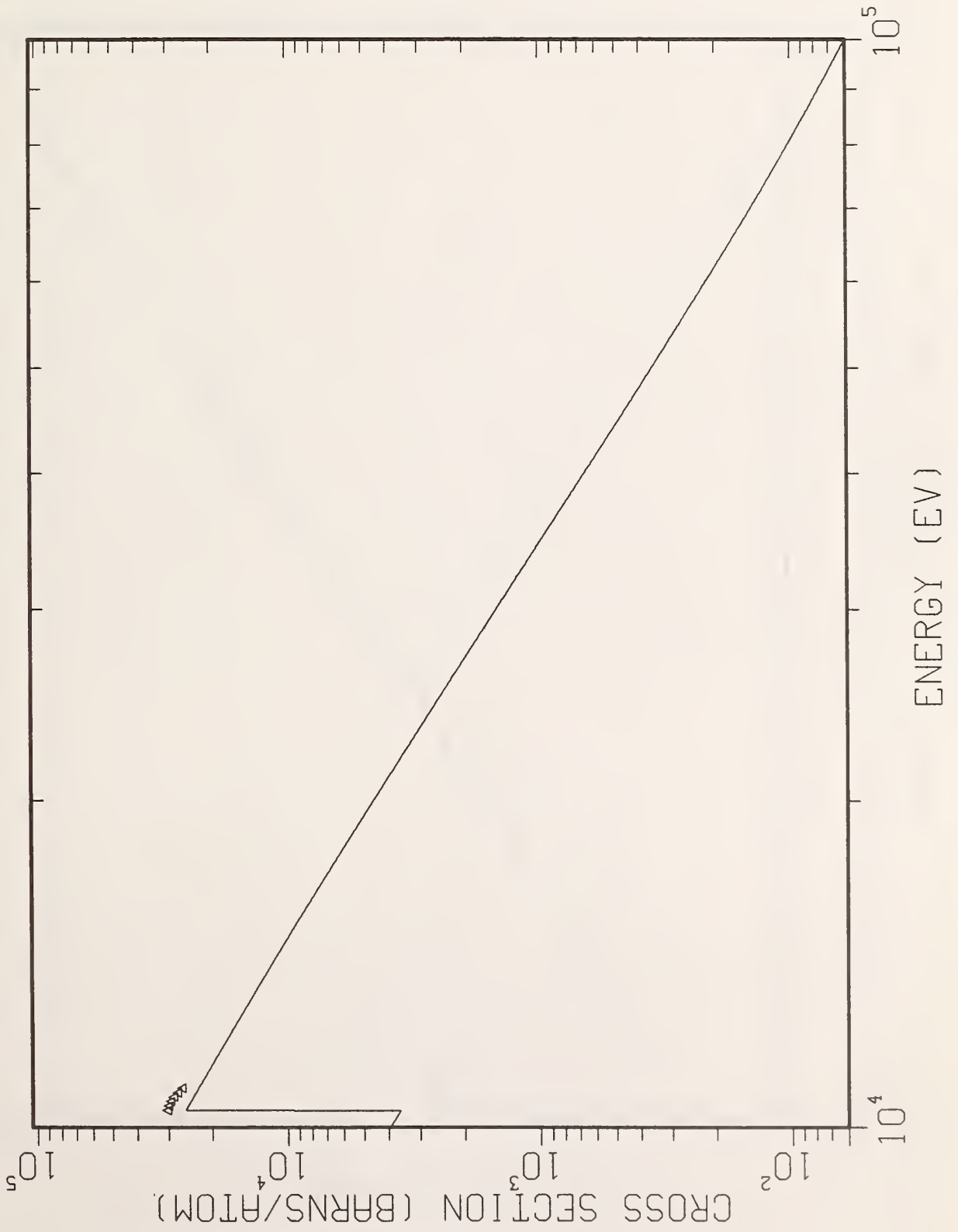
# ATOMIC NUMBER 29



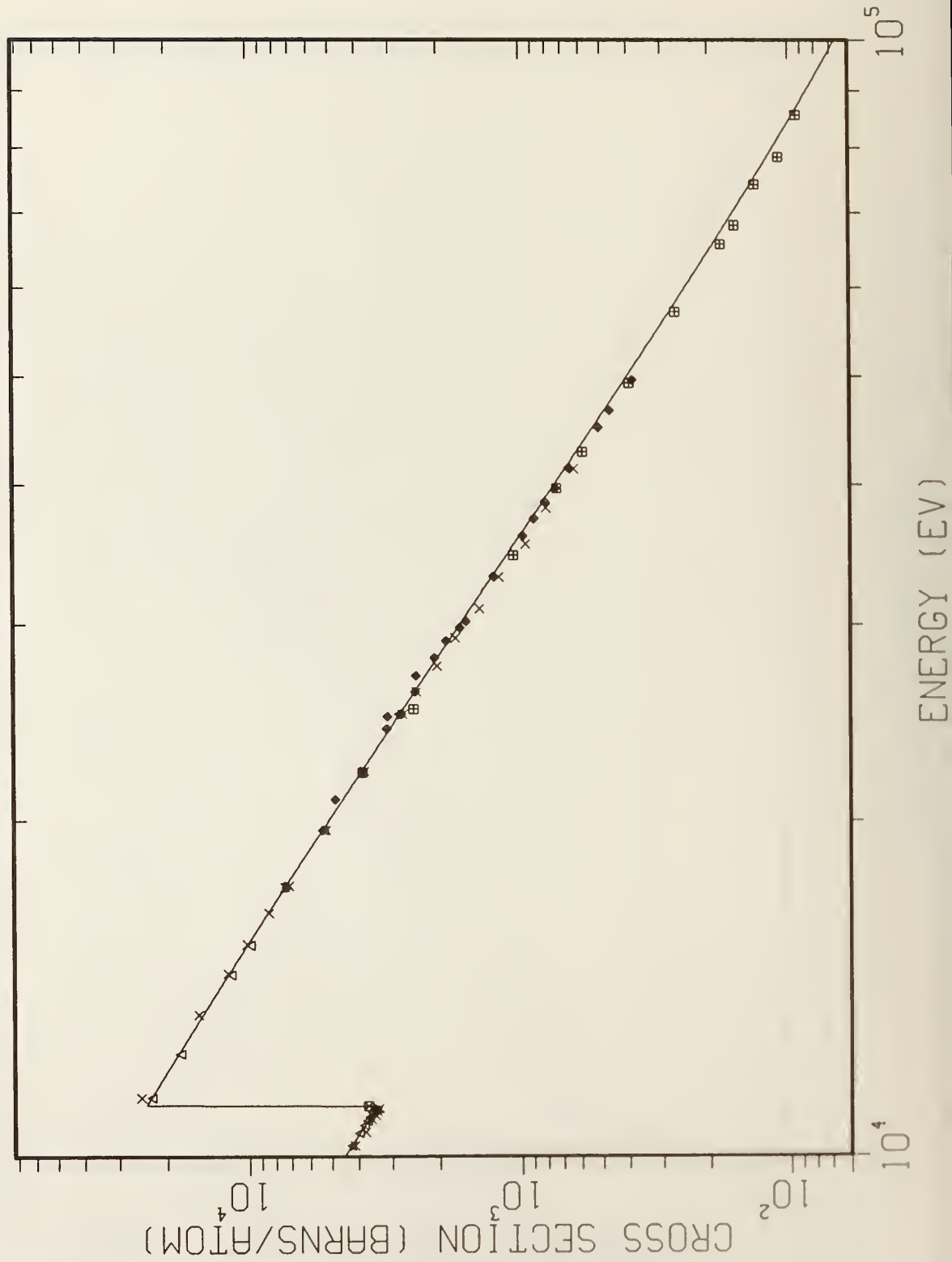
# ATOMIC NUMBER 30



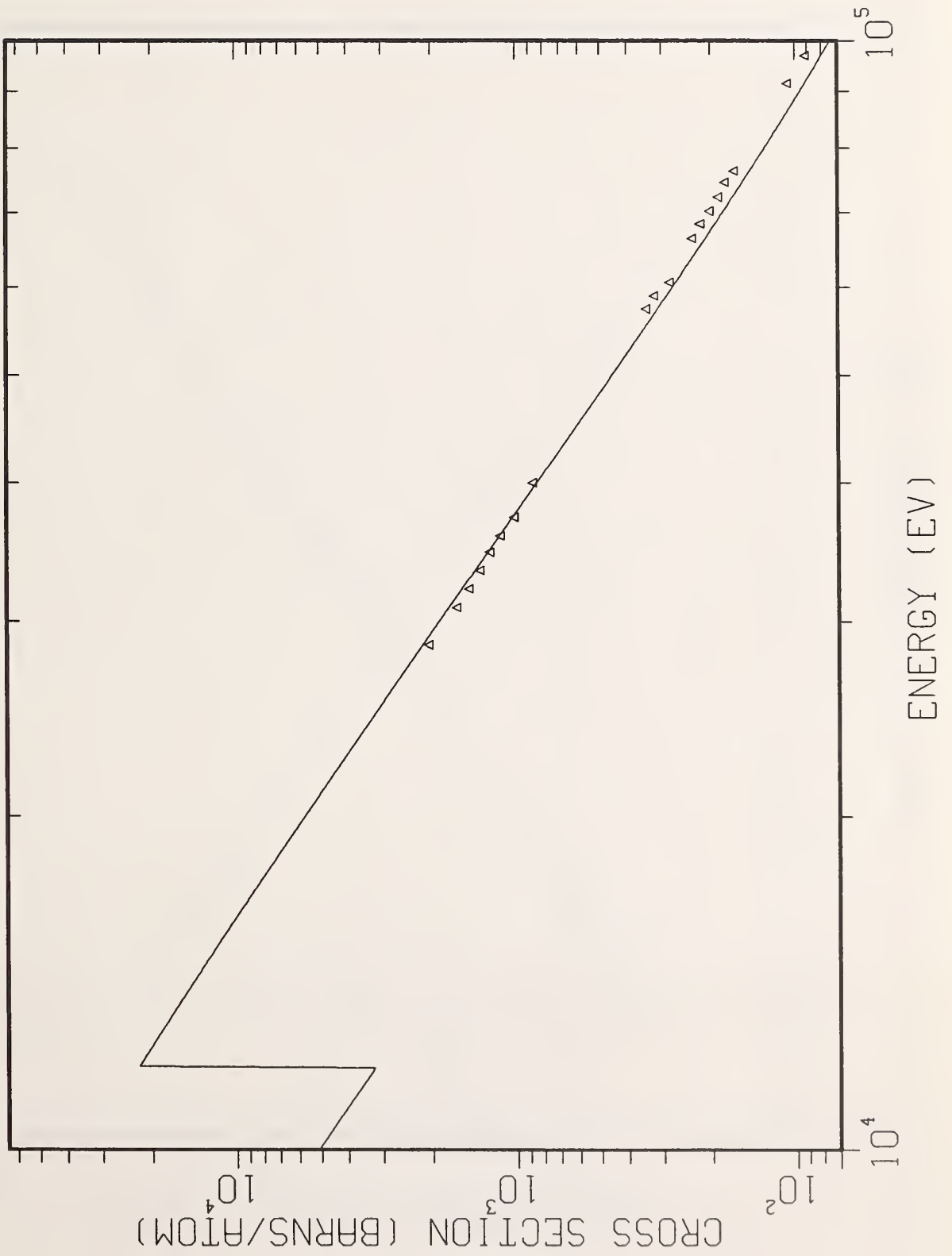
ATOMIC NUMBER 31



ATOMIC NUMBER 32



ATOMIC NUMBER 33

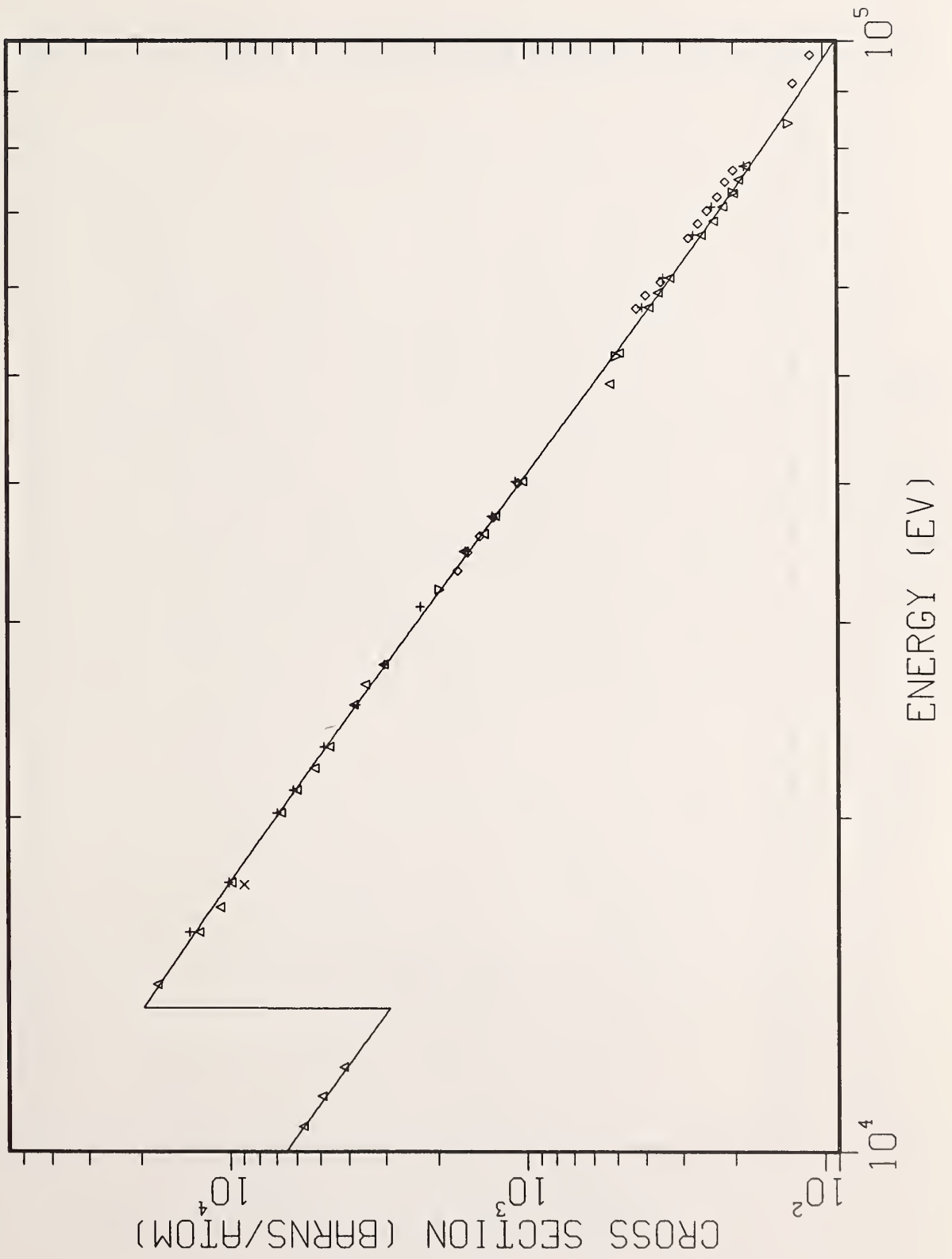


# ATOMIC NUMBER 34

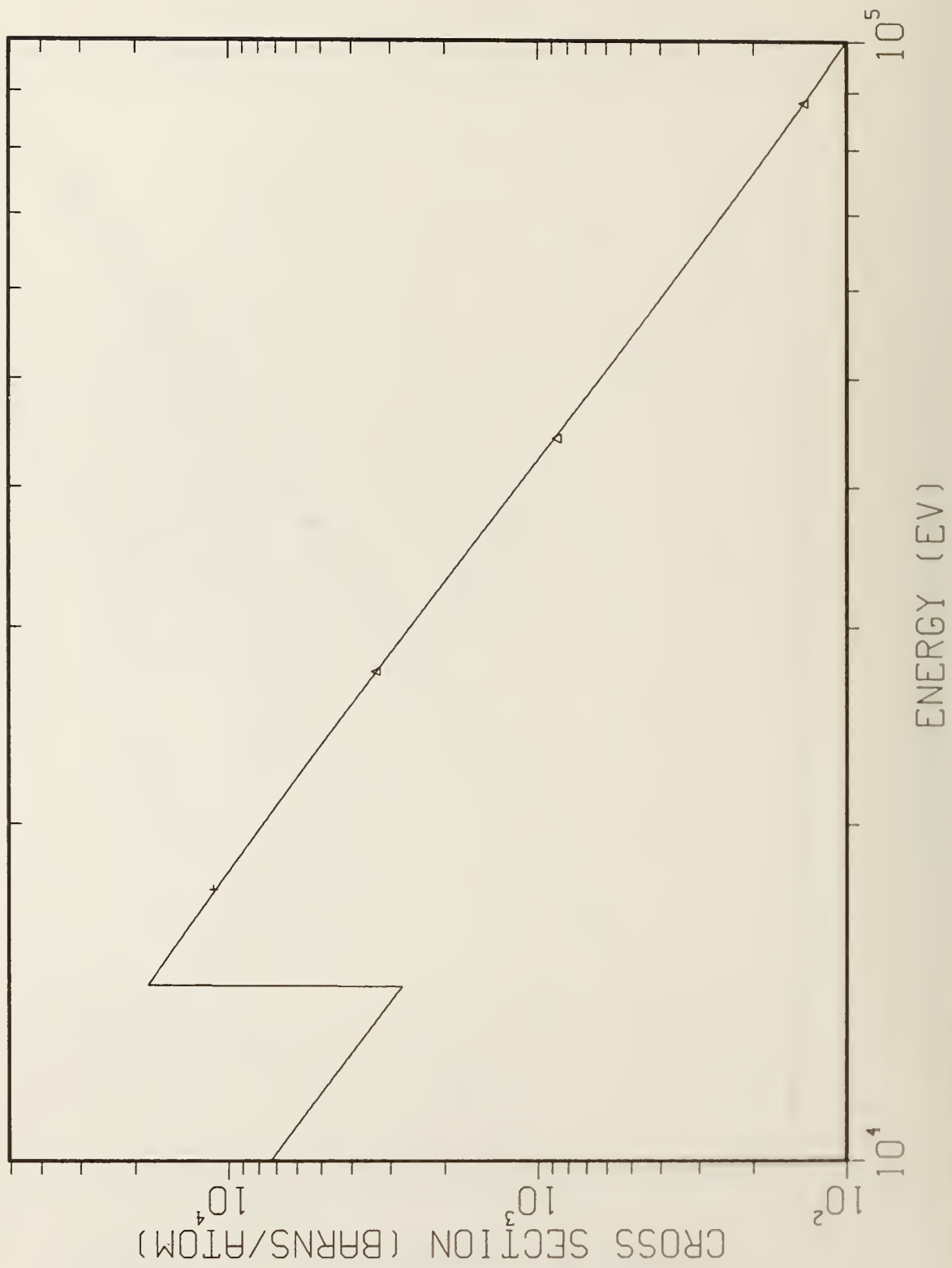




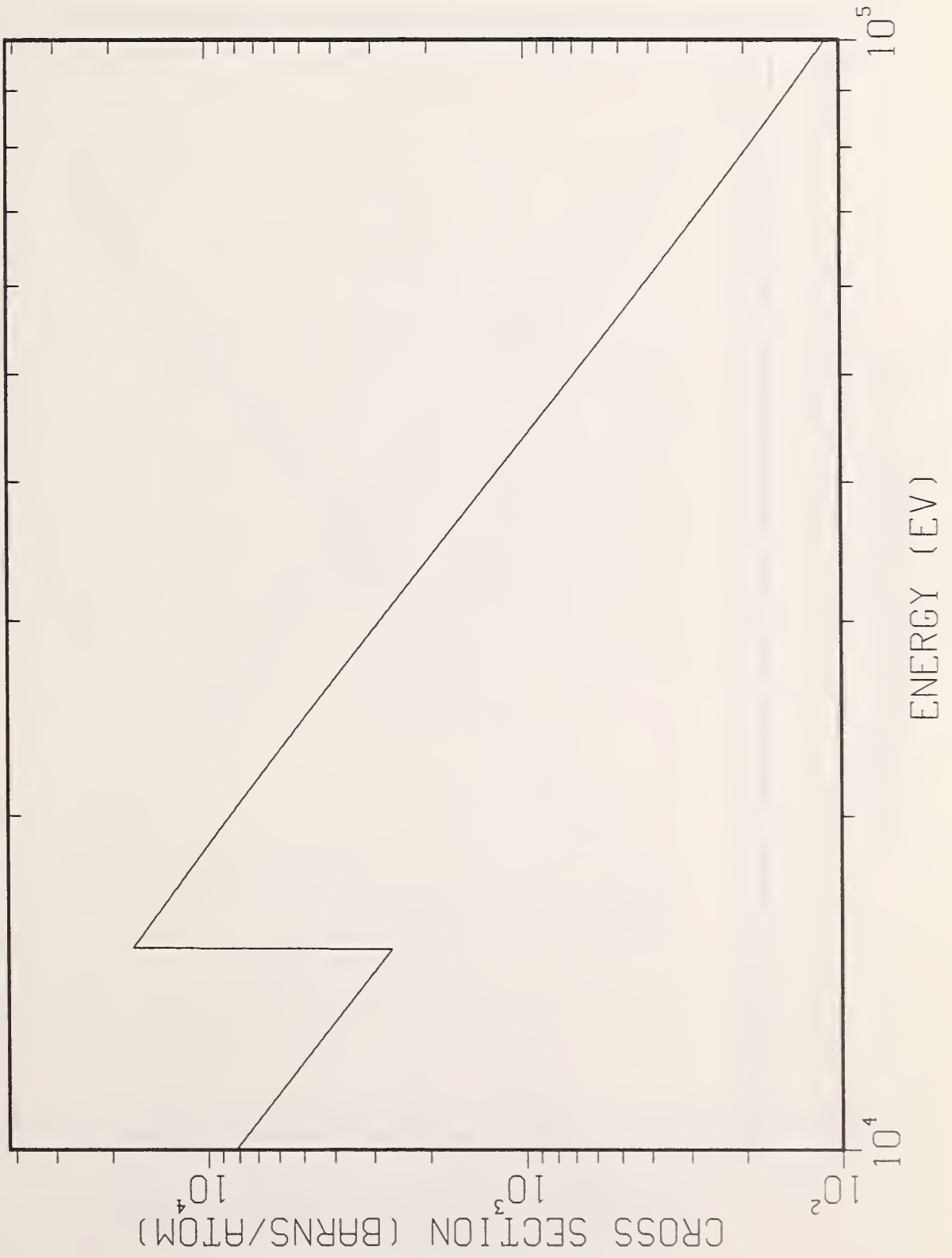
ATOMIC NUMBER 35



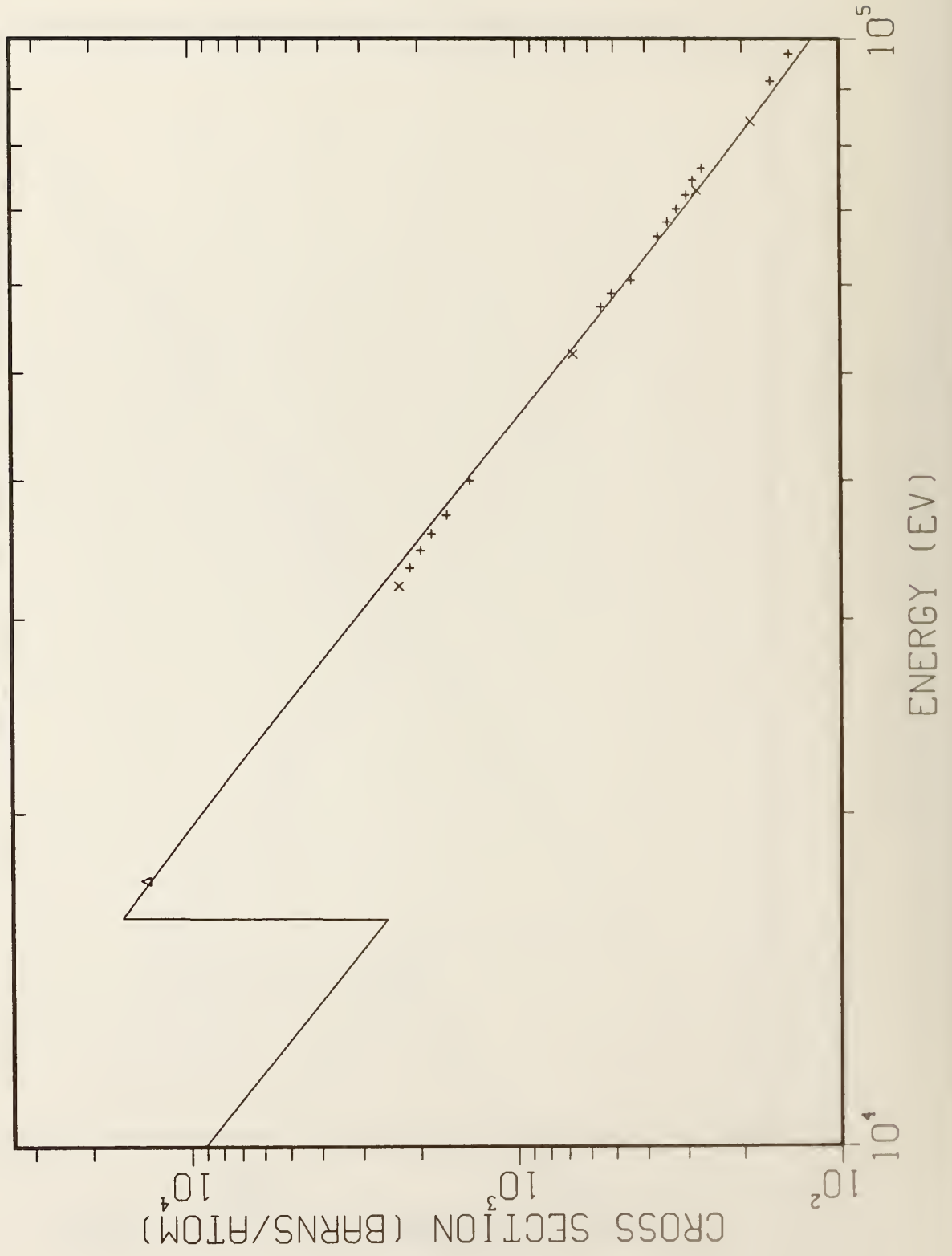
ATOMIC NUMBER 36



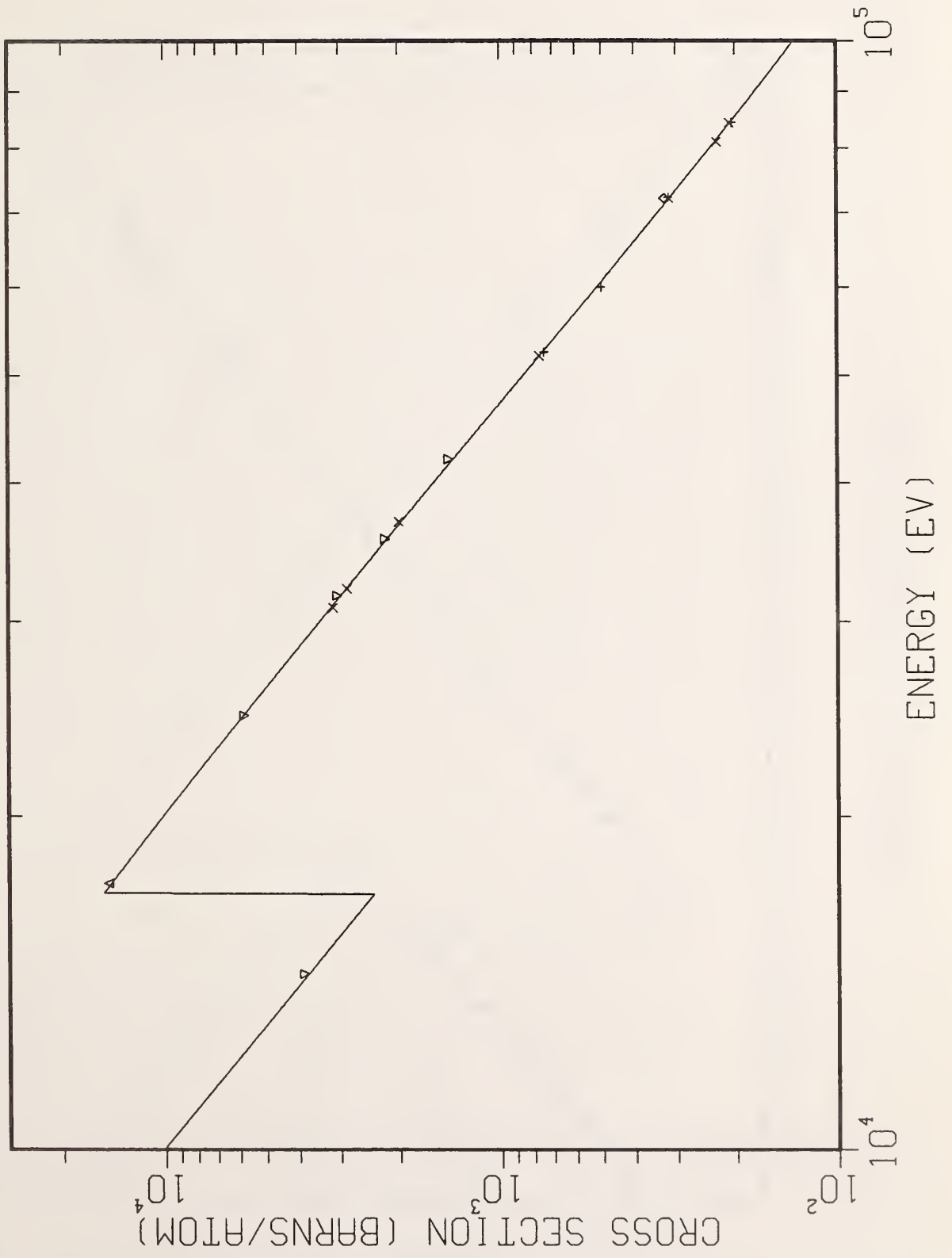
ATOMIC NUMBER 37



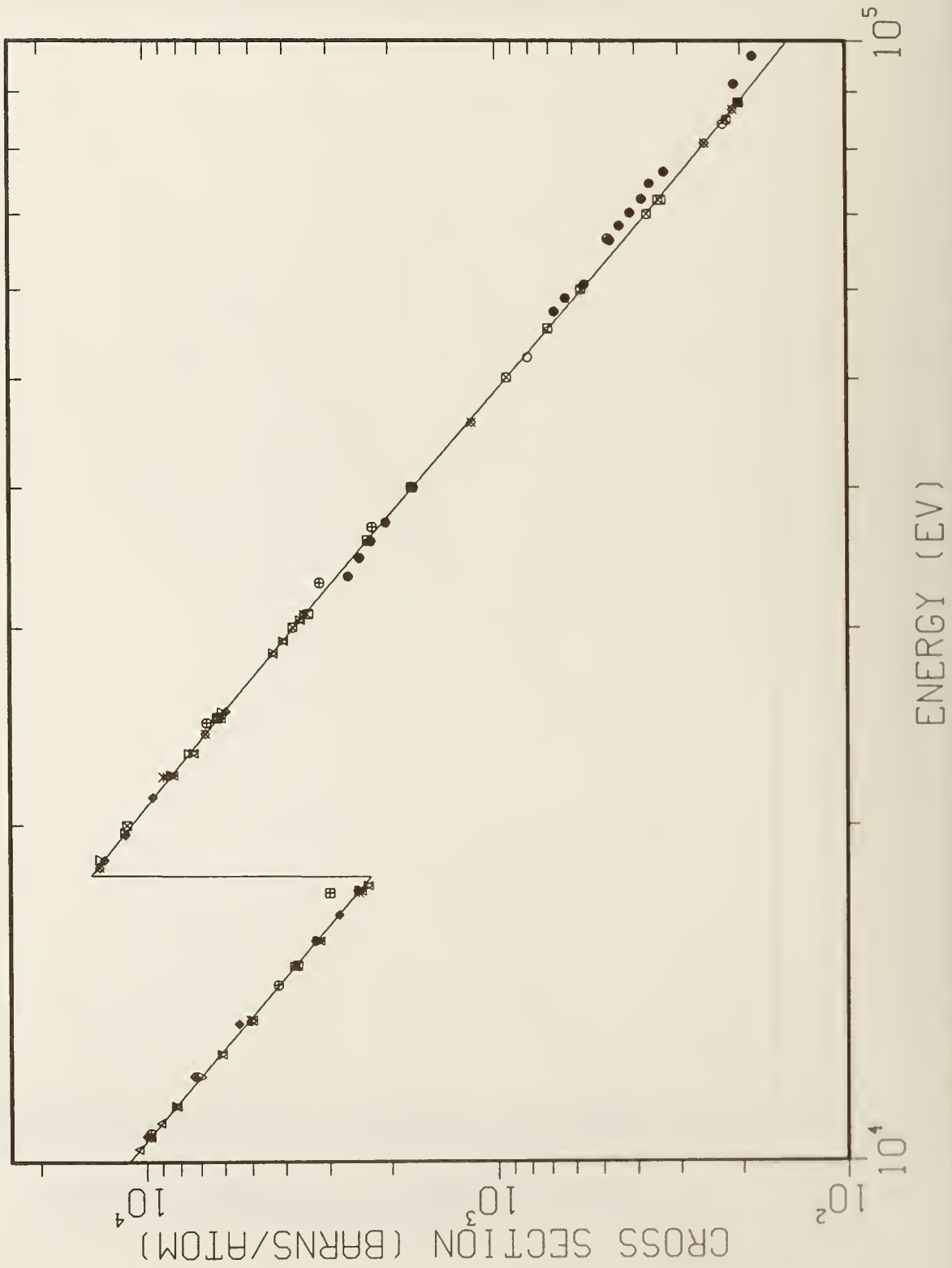
# ATOMIC NUMBER 38



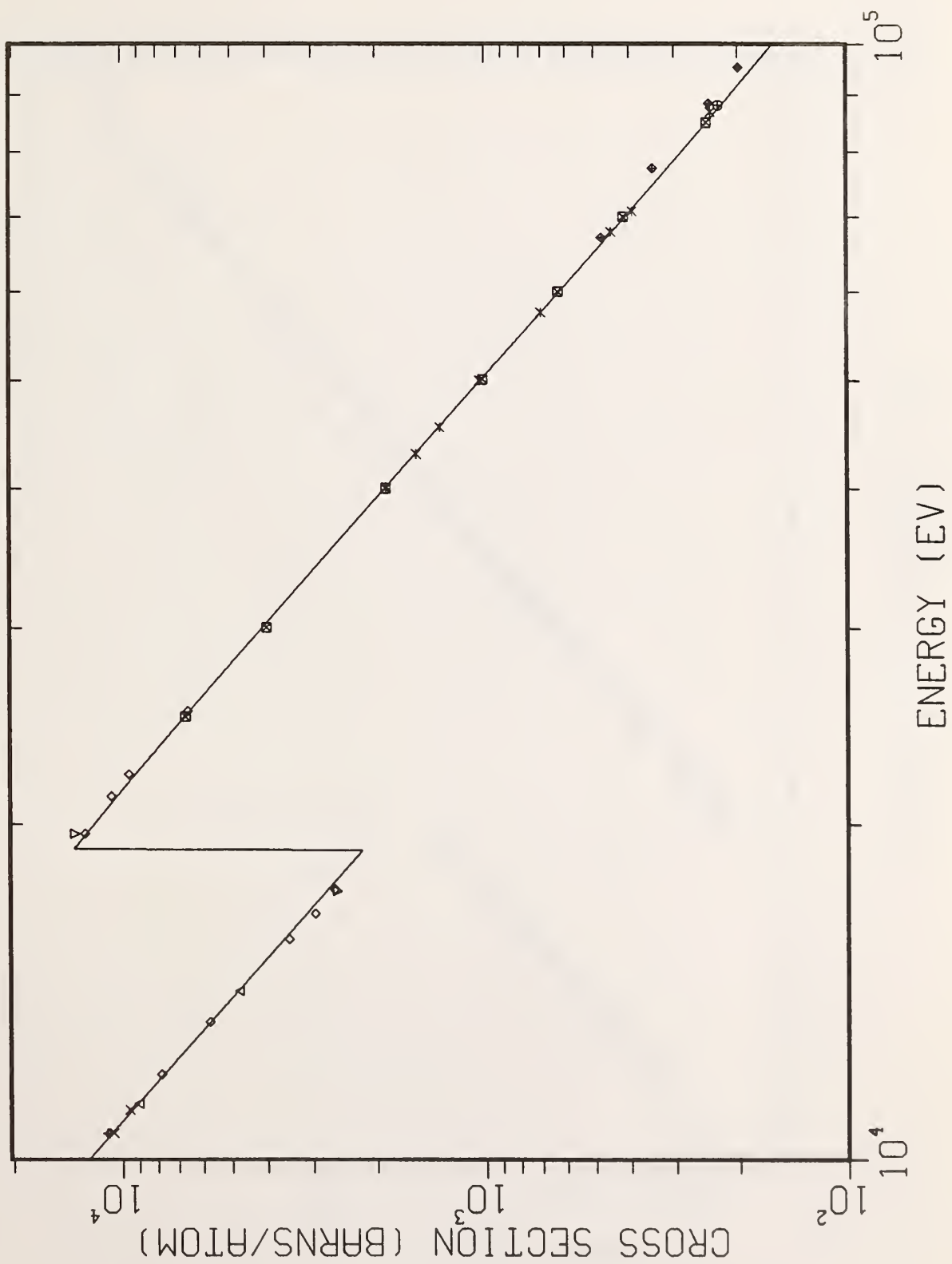
ATOMIC NUMBER 39



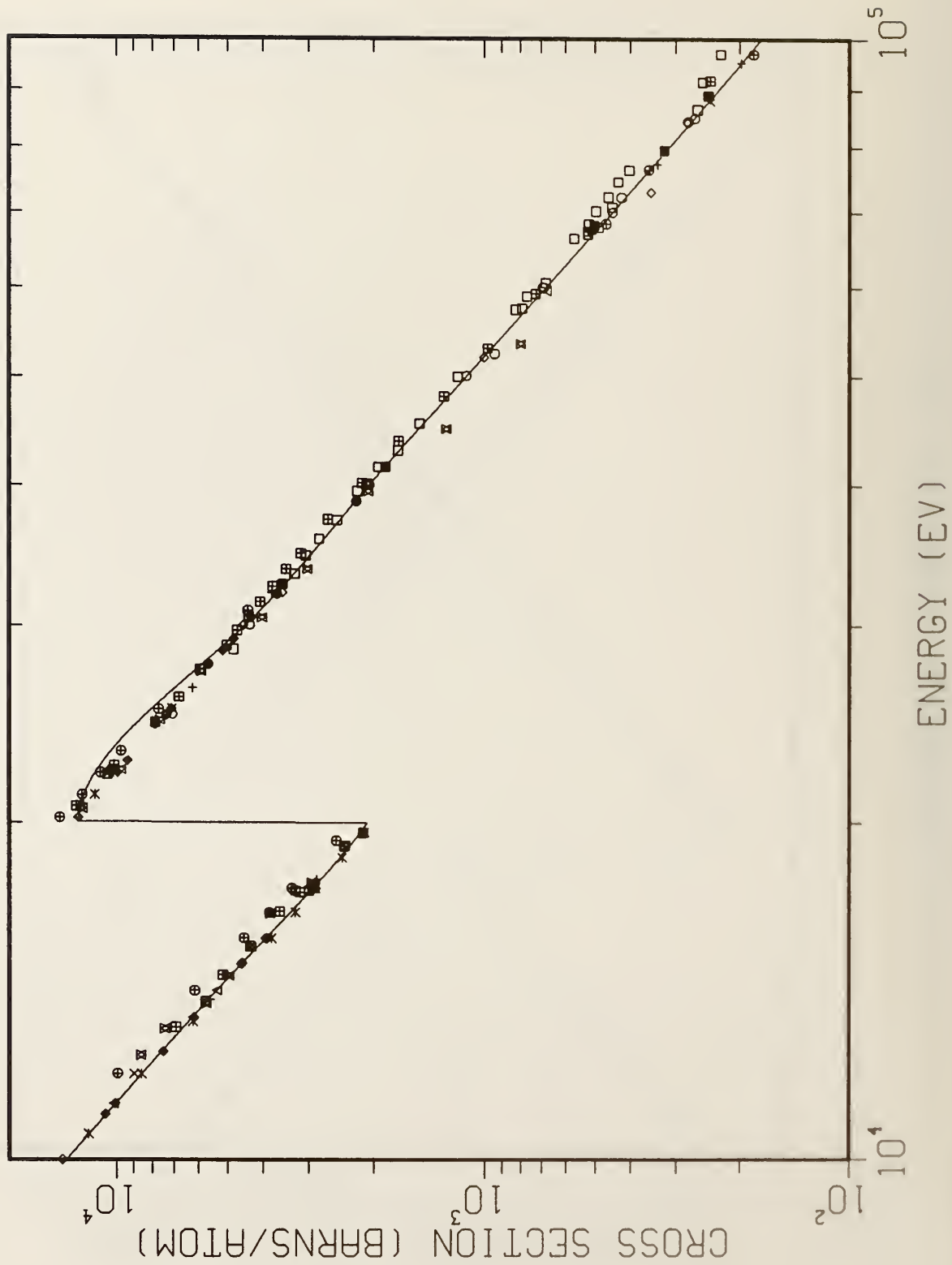
ATOMIC NUMBER 40



ATOMIC NUMBER 41

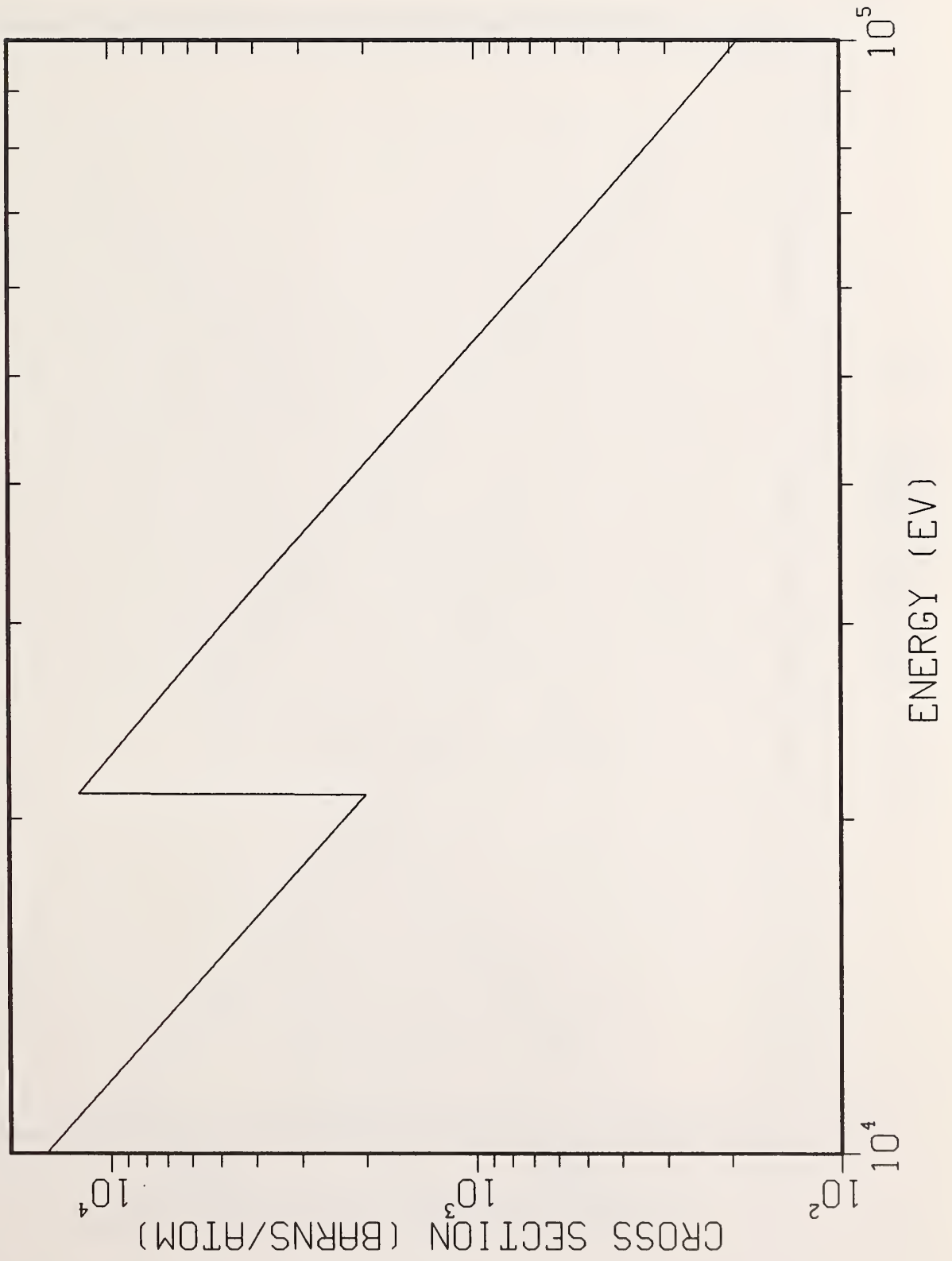


# ATOMIC NUMBER 42

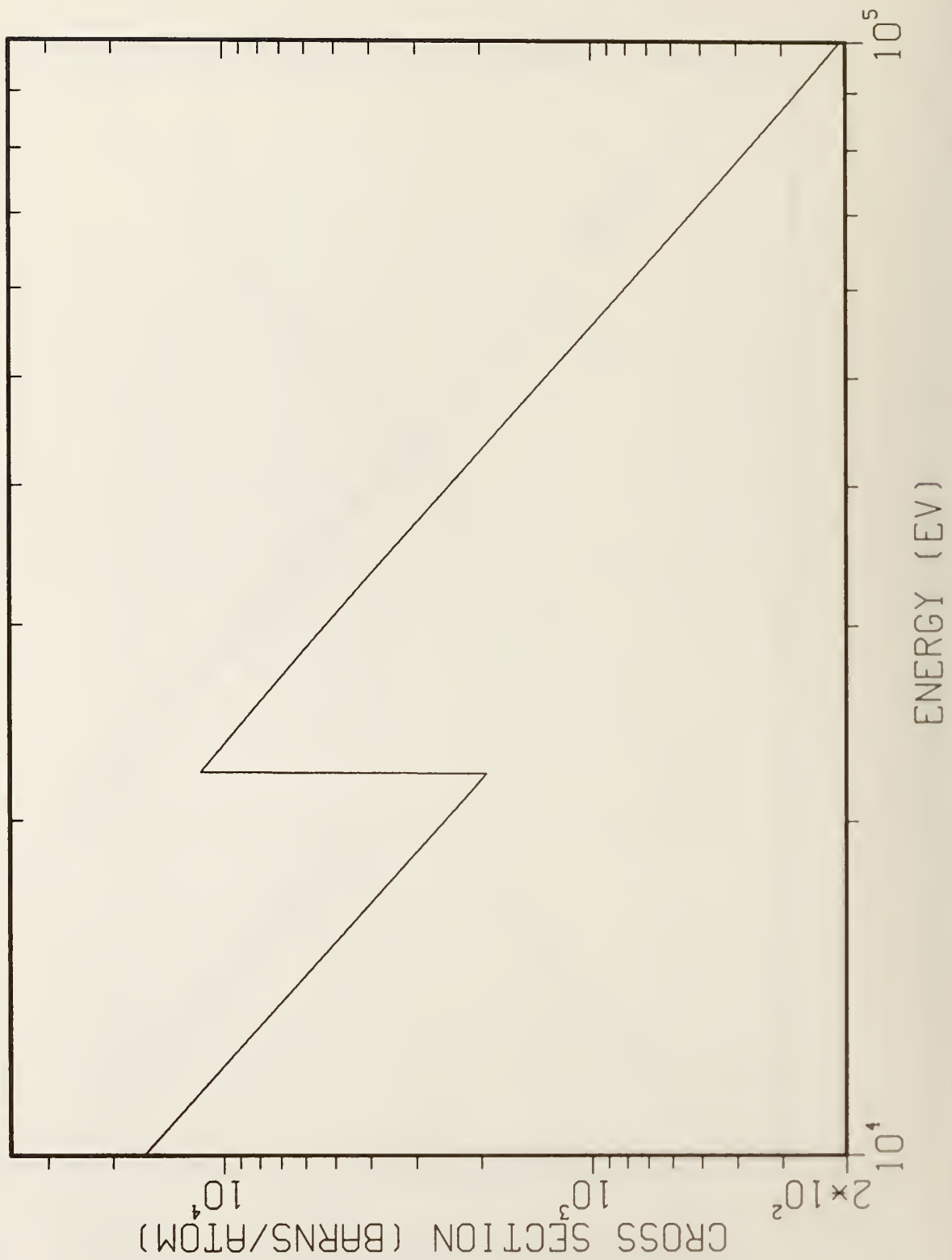




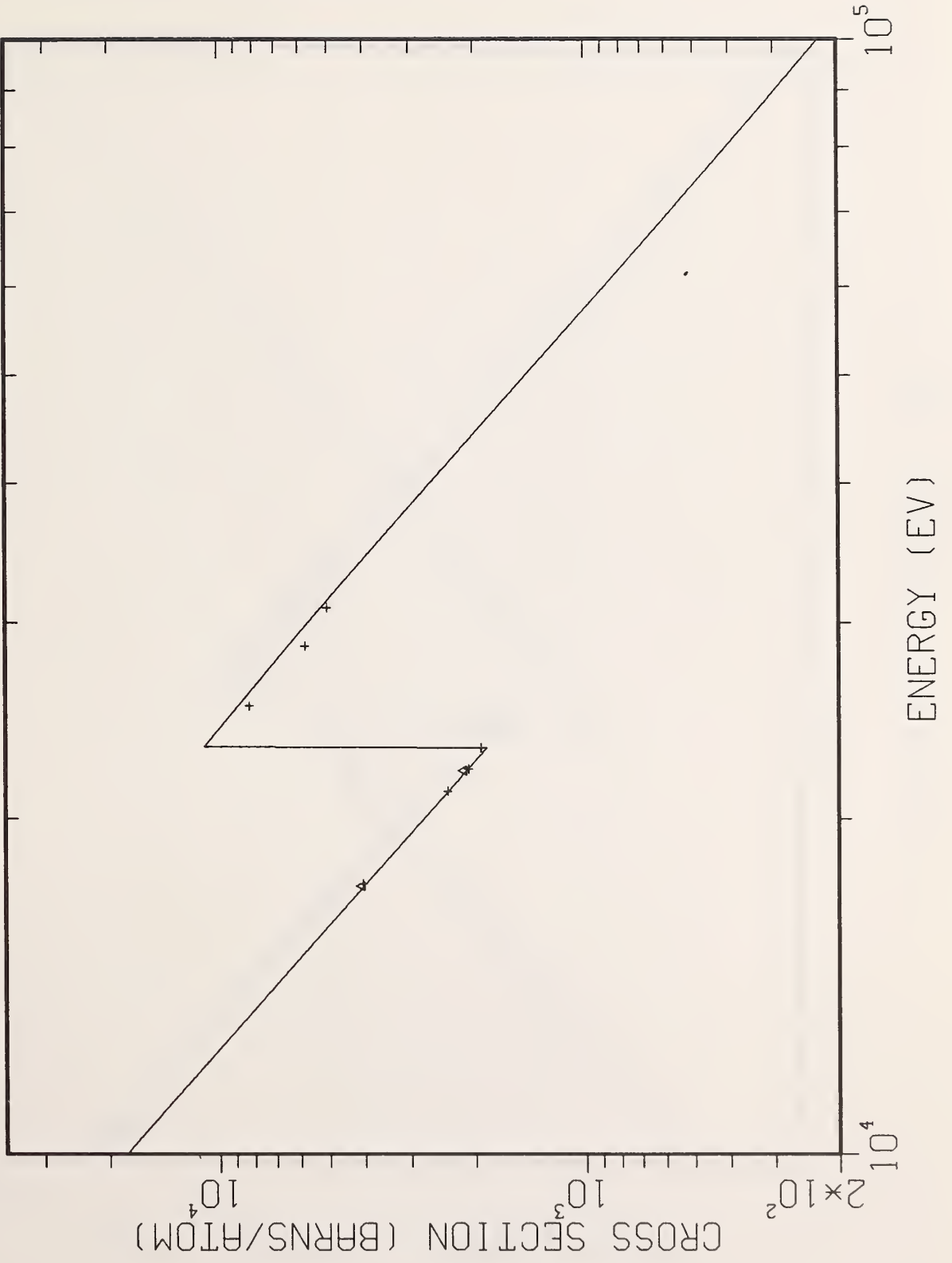
ATOMIC NUMBER 43



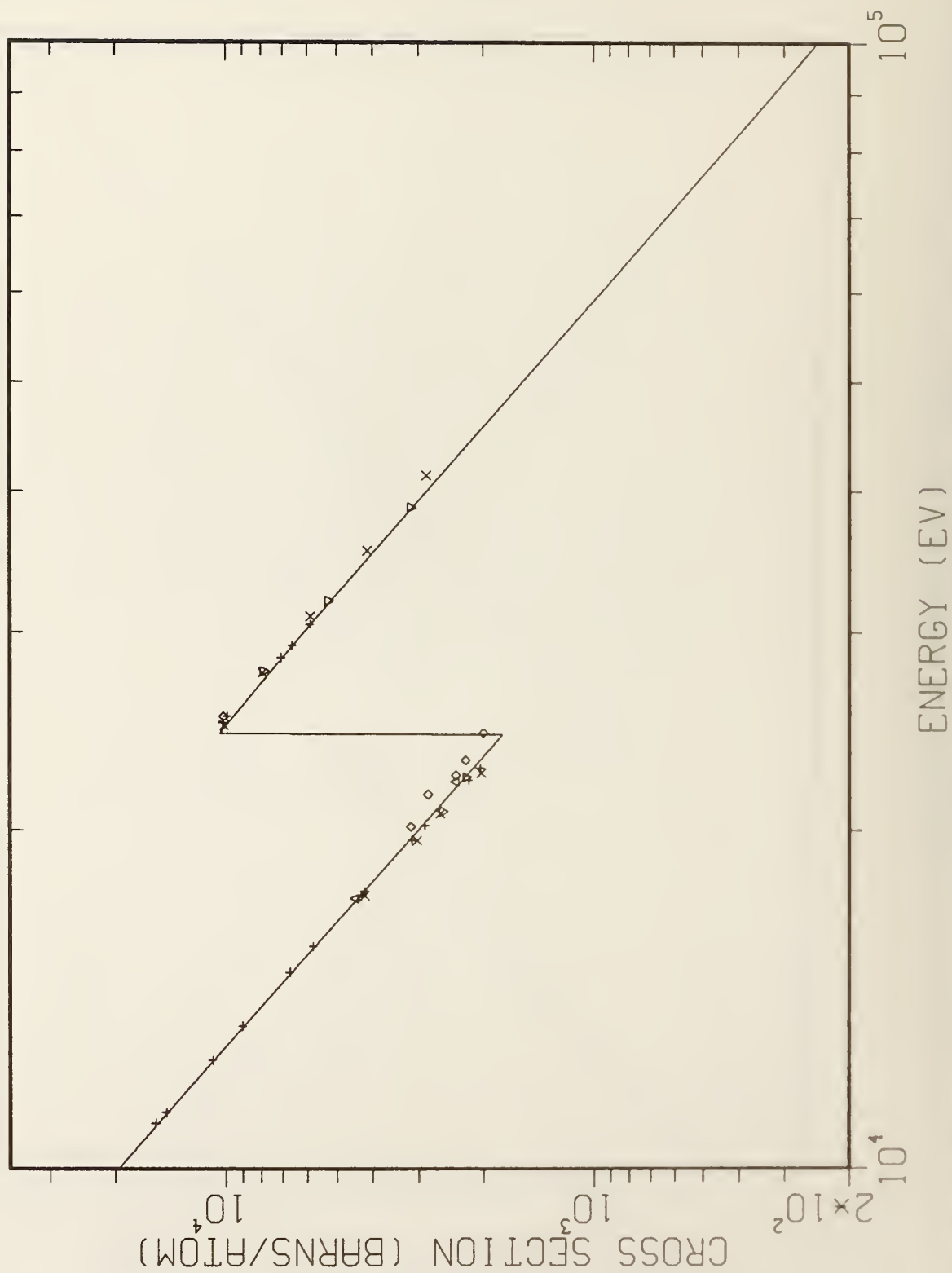
ATOMIC NUMBER 44



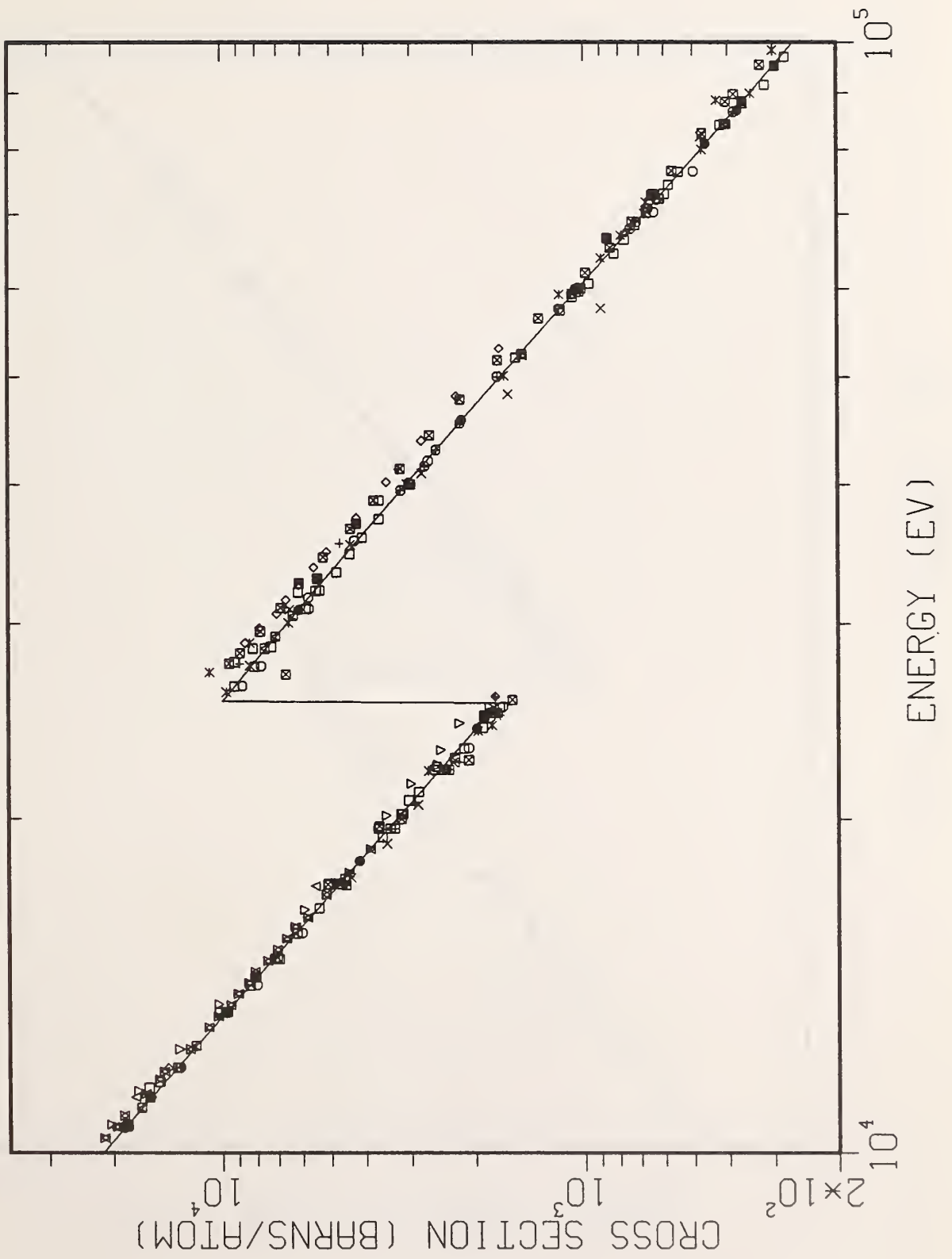
ATOMIC NUMBER 45



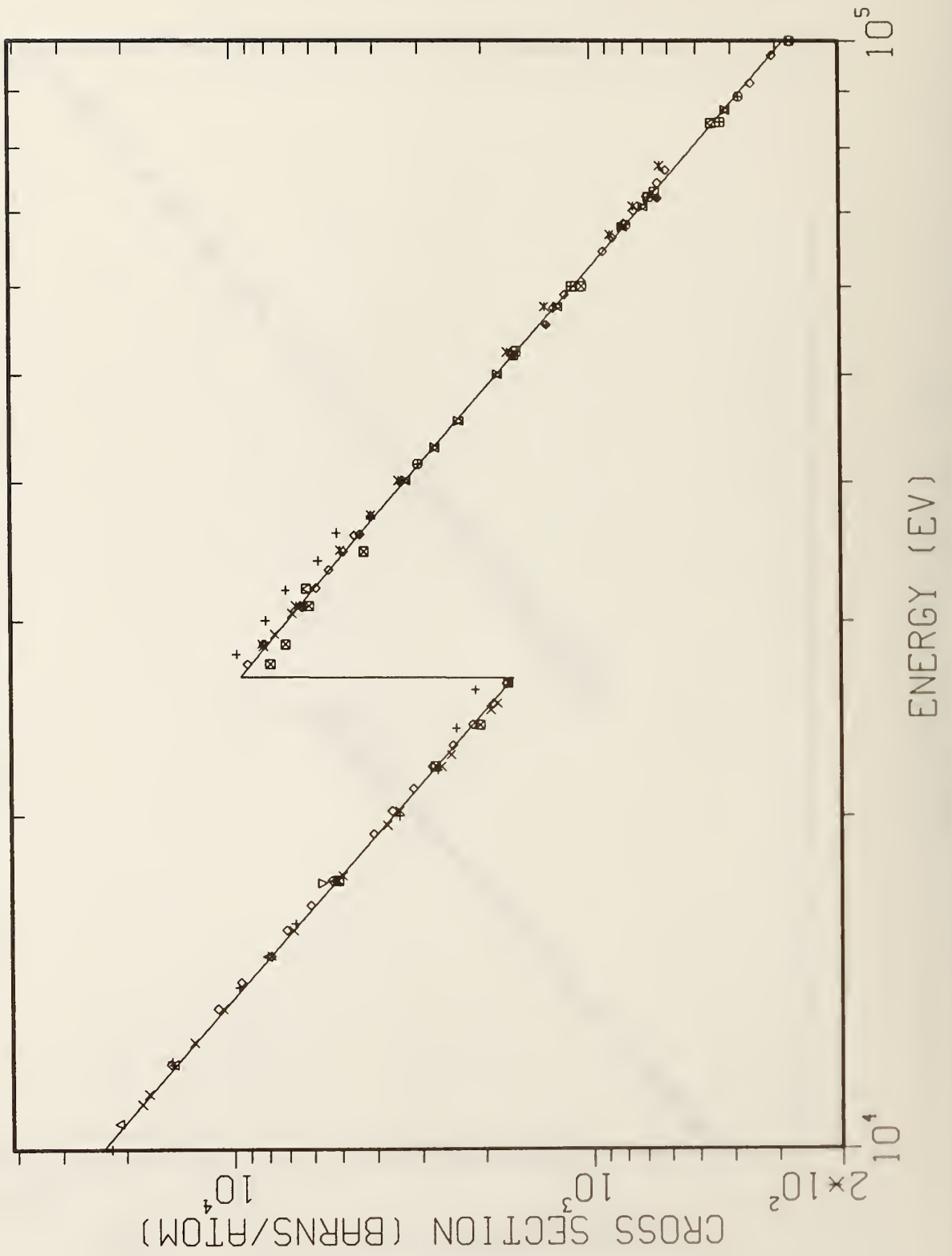
ATOMIC NUMBER 46



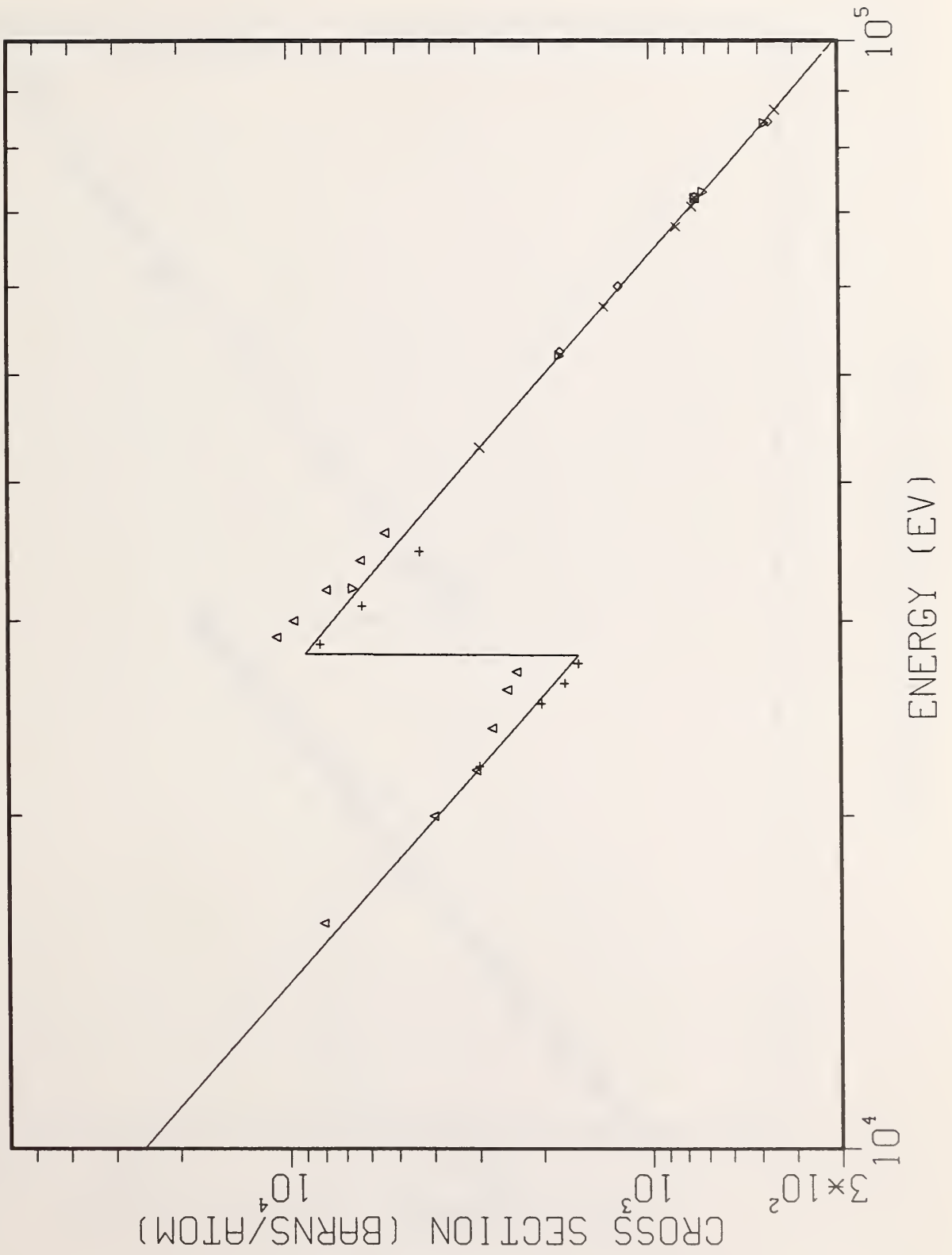
# ATOMIC NUMBER 47



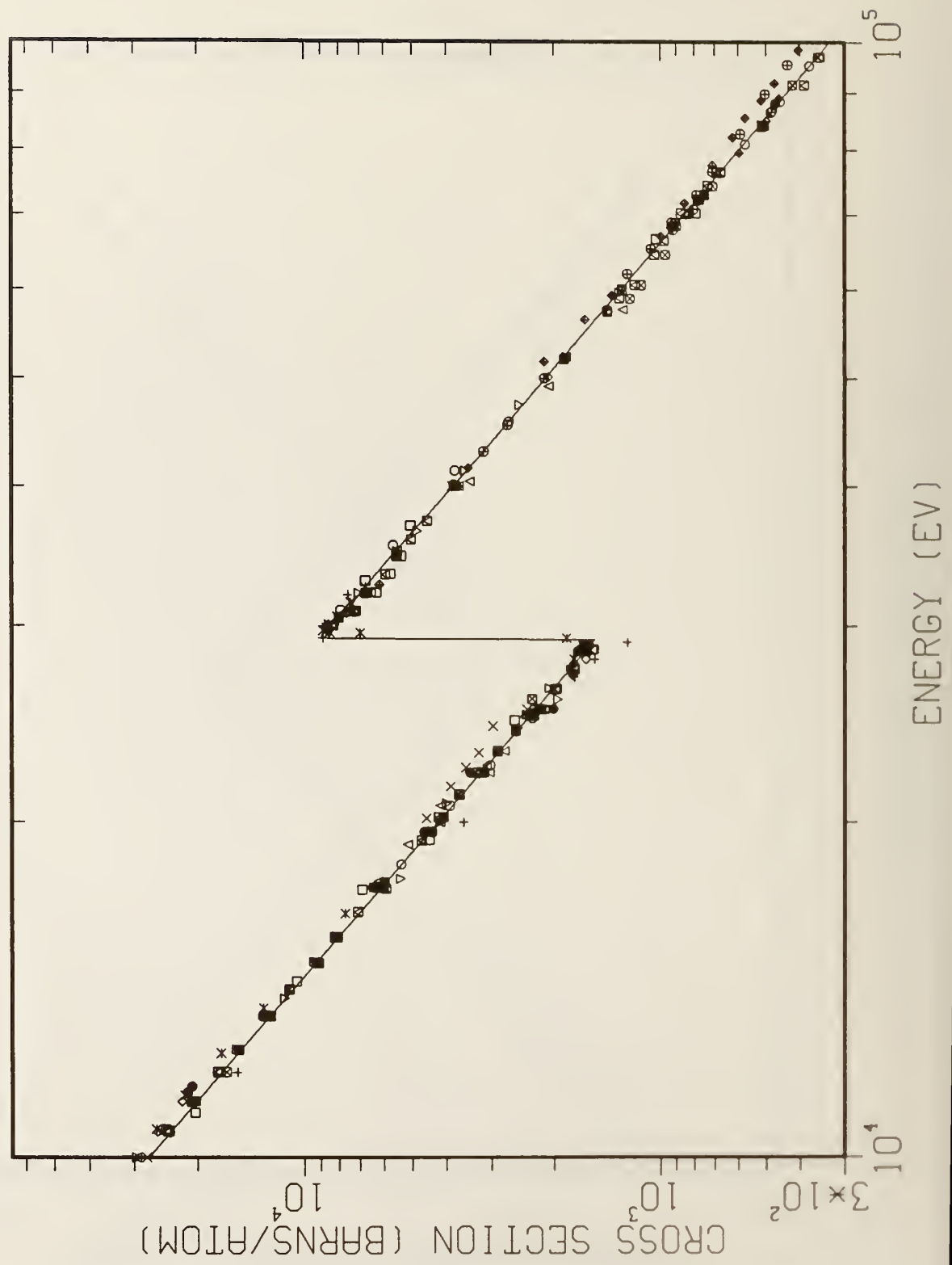
ATOMIC NUMBER 48



# ATOMIC NUMBER 49

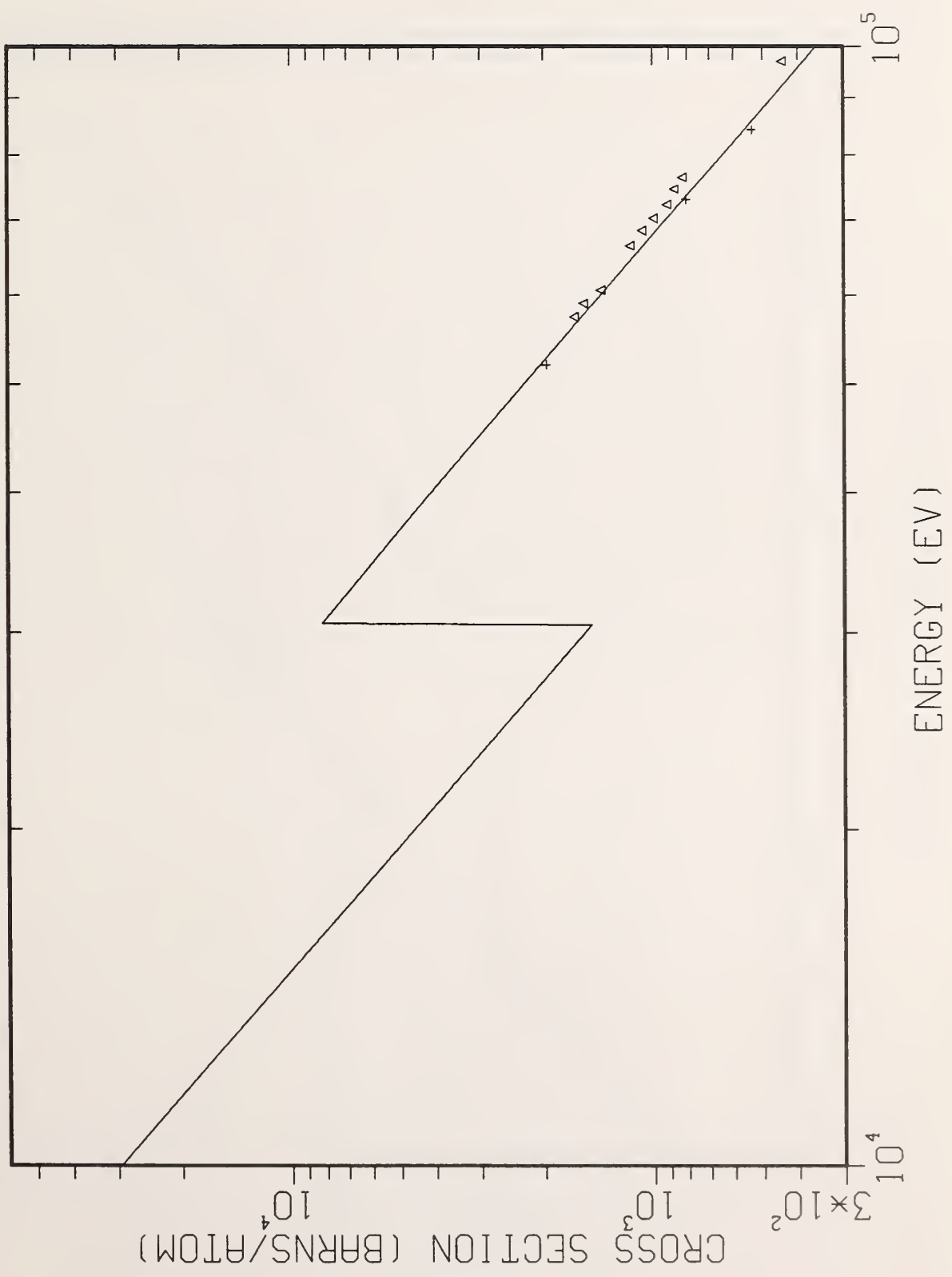


# ATOMIC NUMBER 50

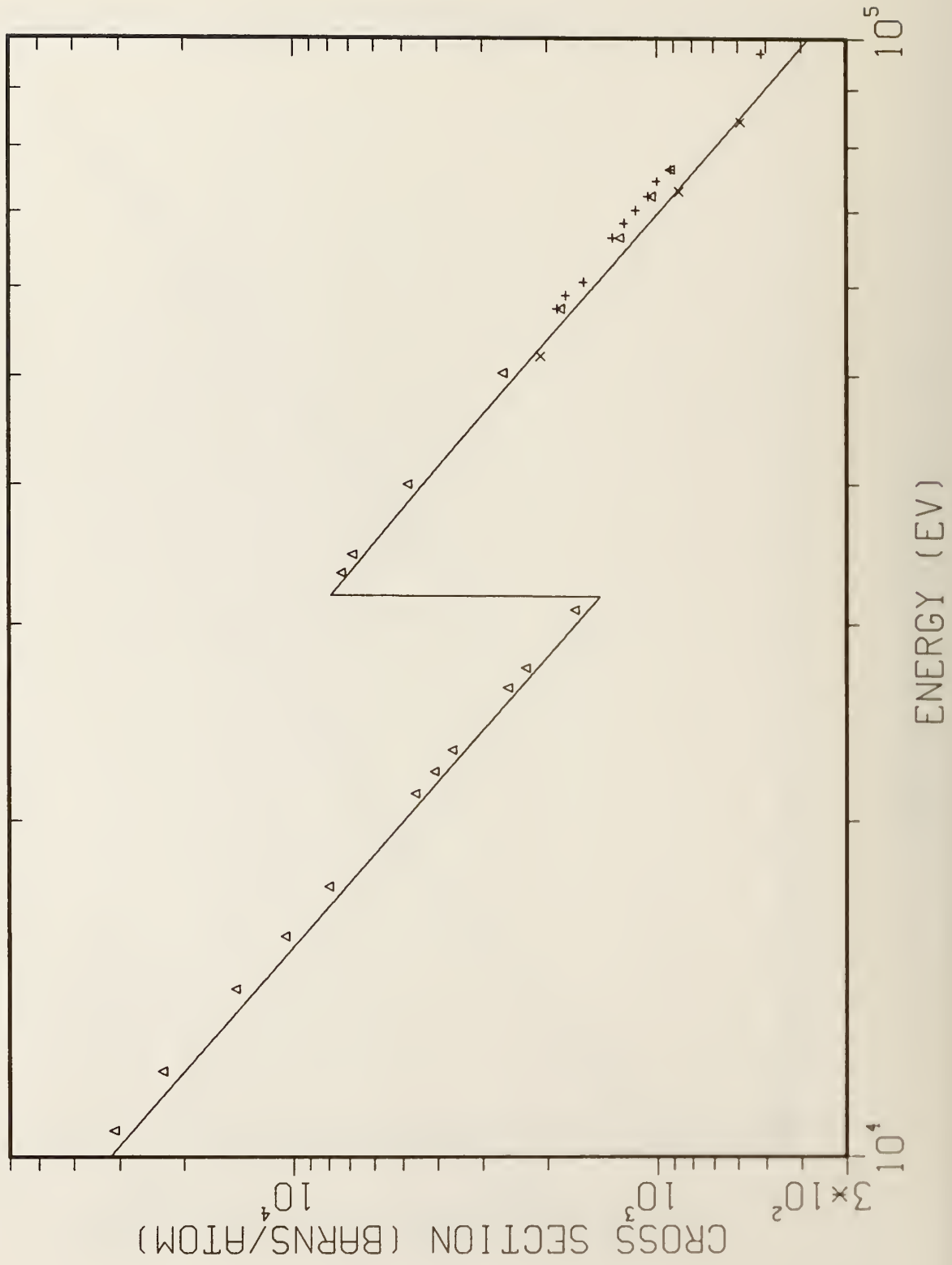




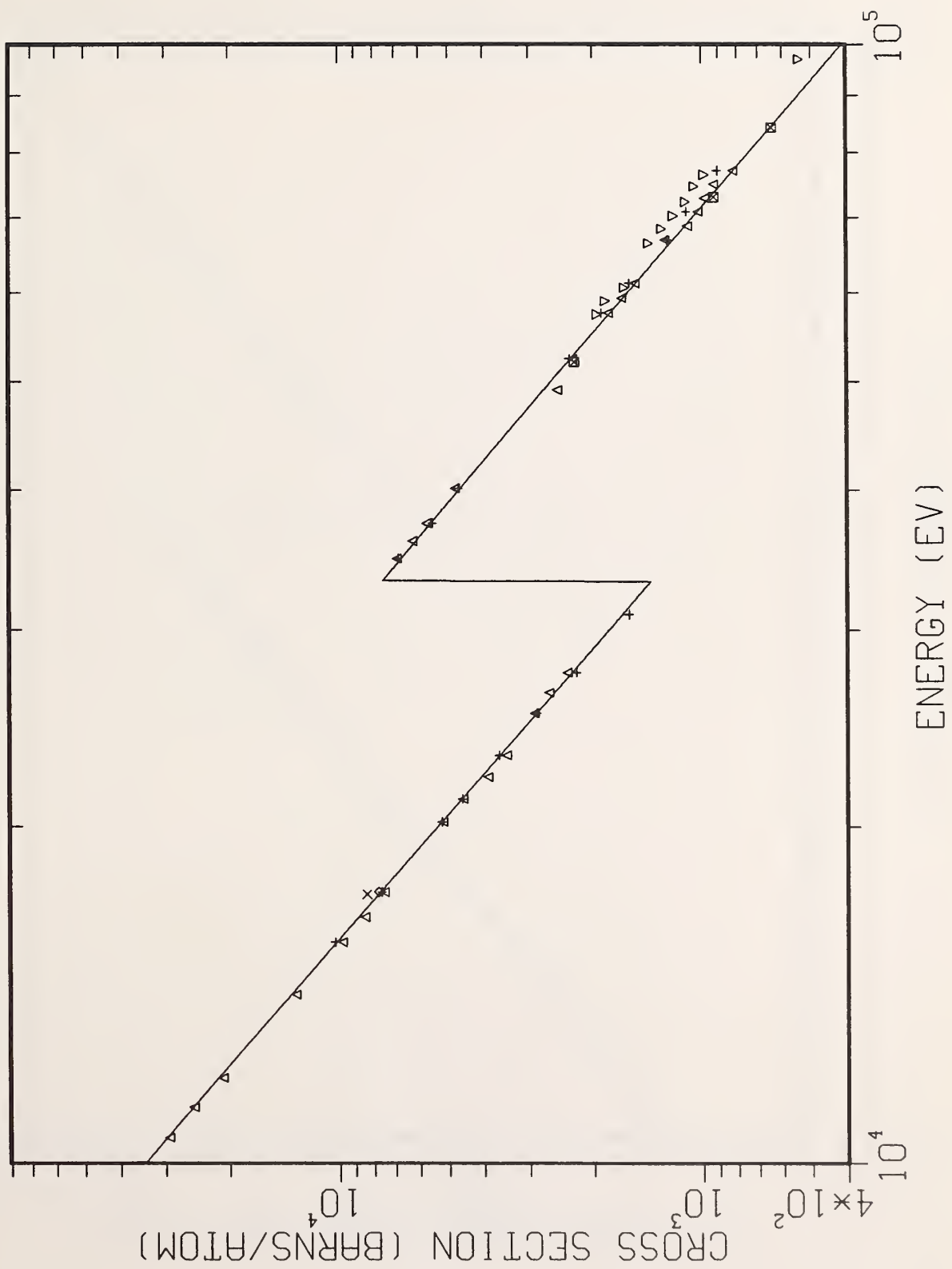
ATOMIC NUMBER 51



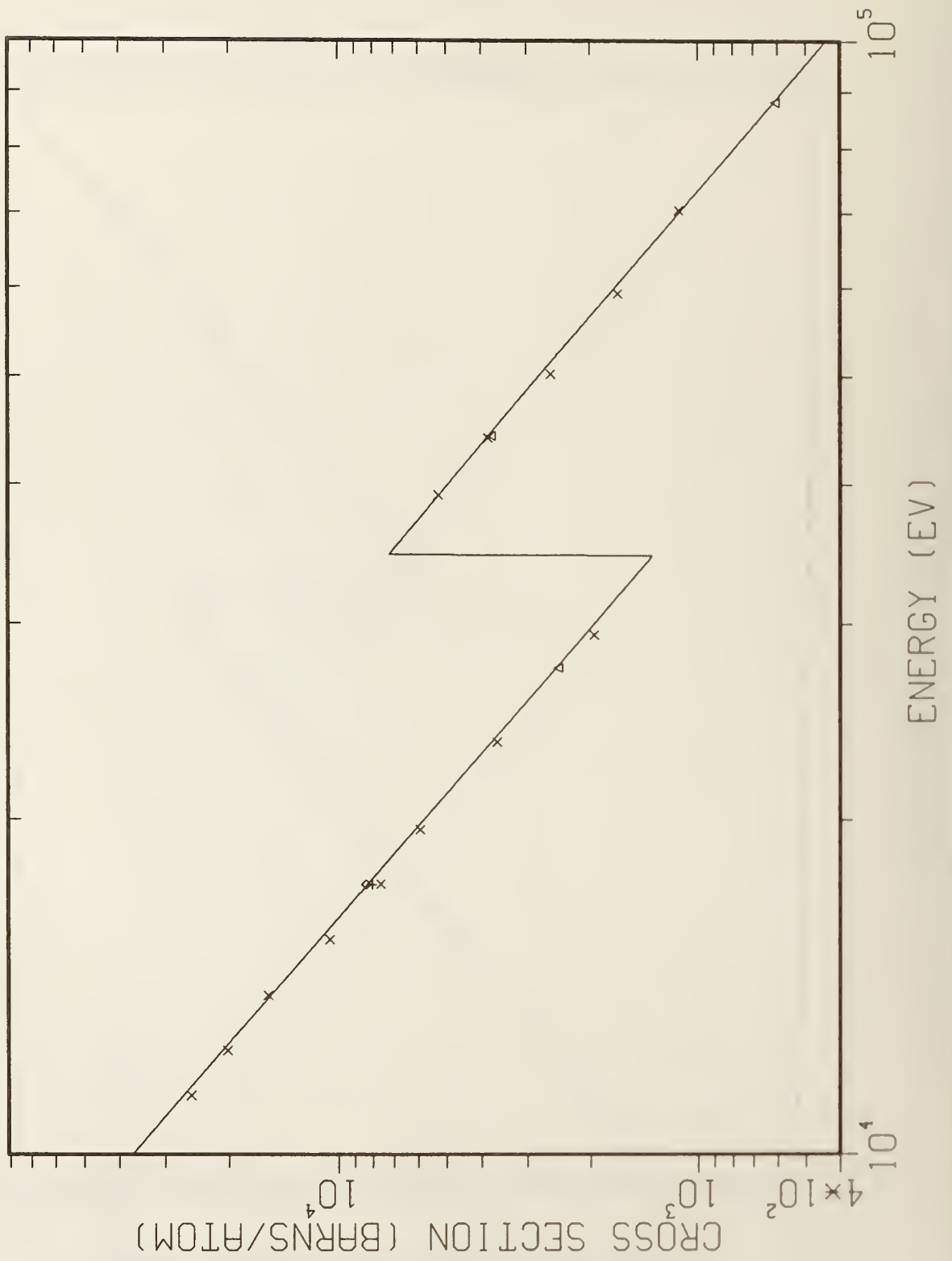
# ATOMIC NUMBER 52



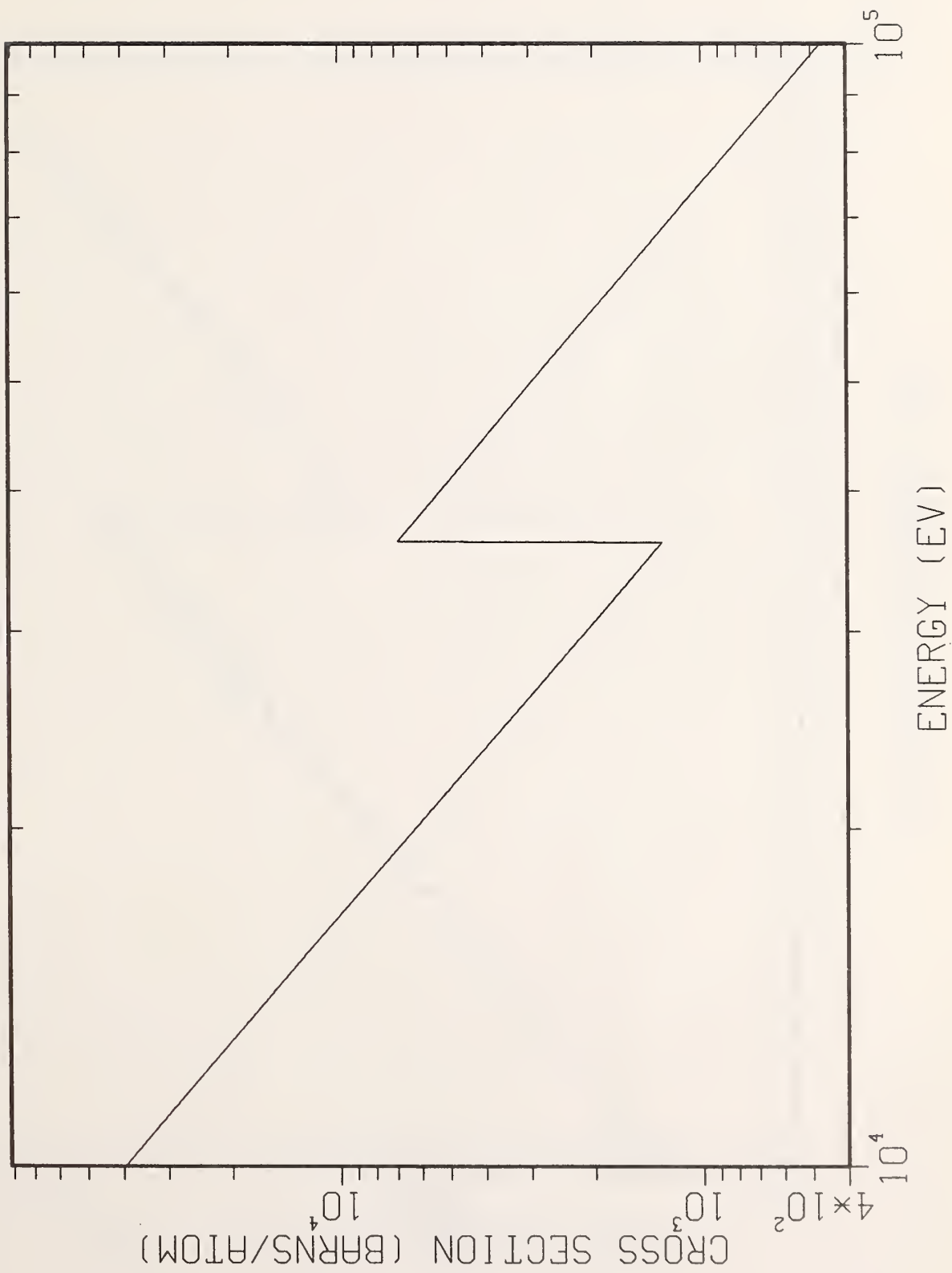
ATOMIC NUMBER 53



ATOMIC NUMBER 54



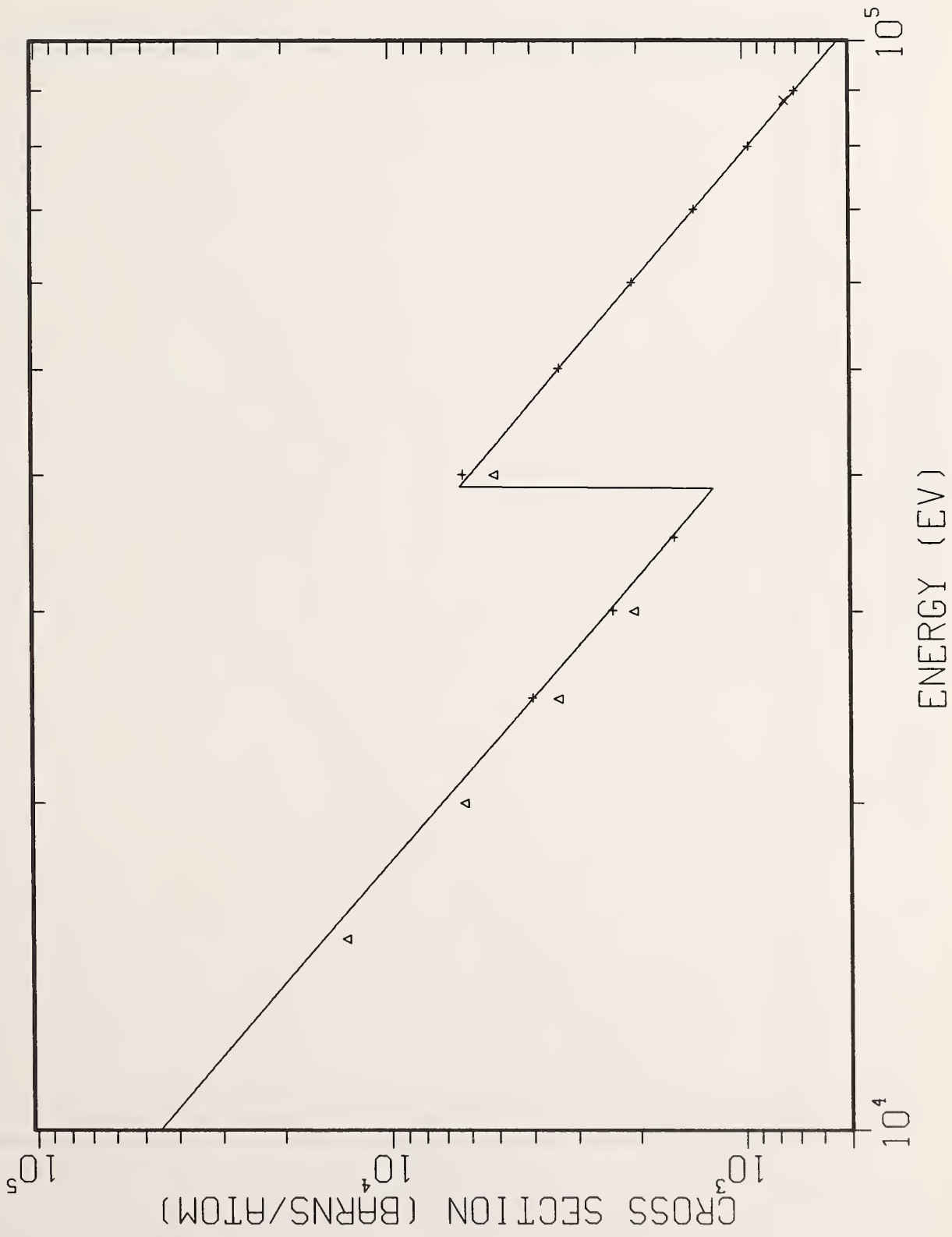
ATOMIC NUMBER 55



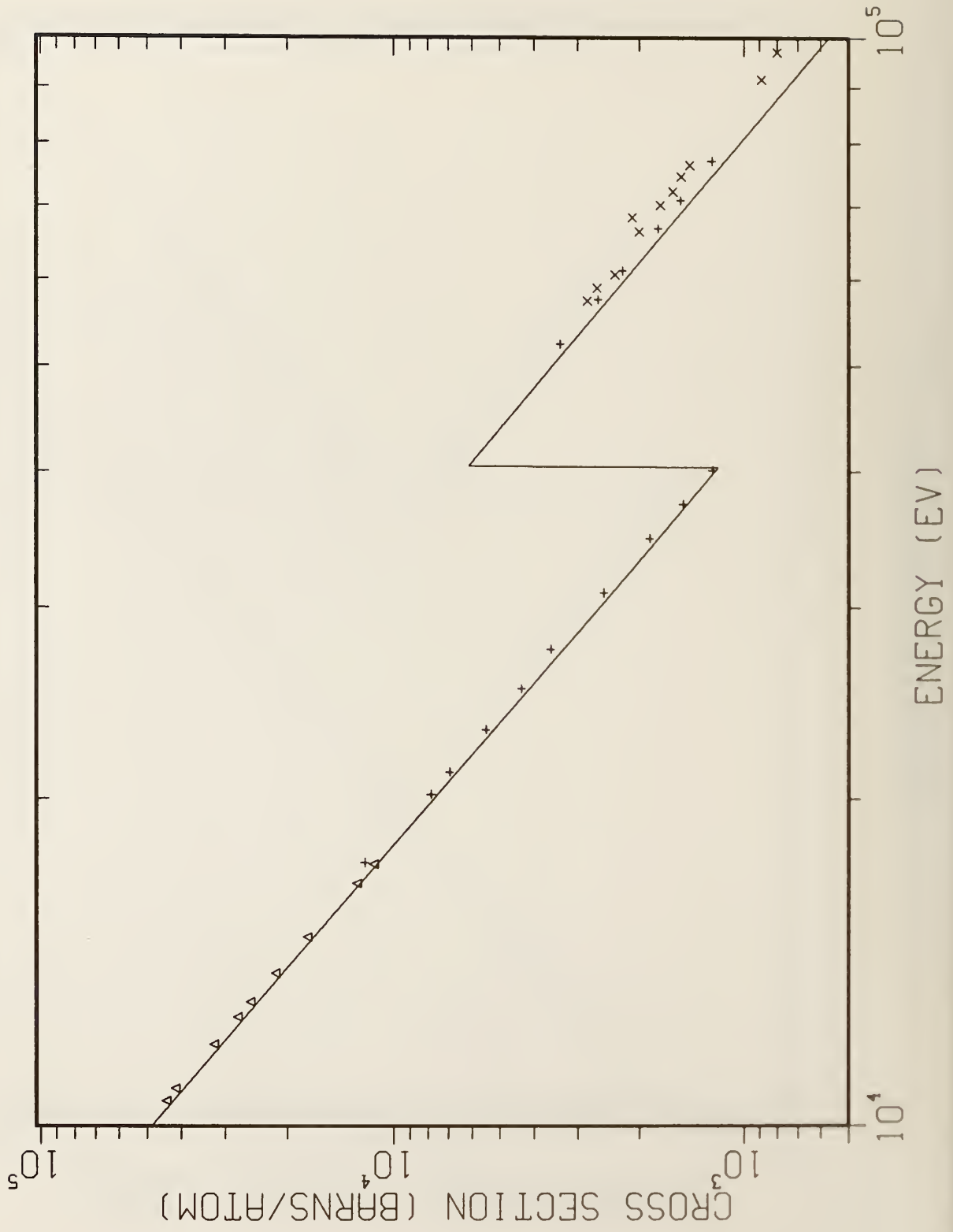
ATOMIC NUMBER 56



ATOMIC NUMBER 57

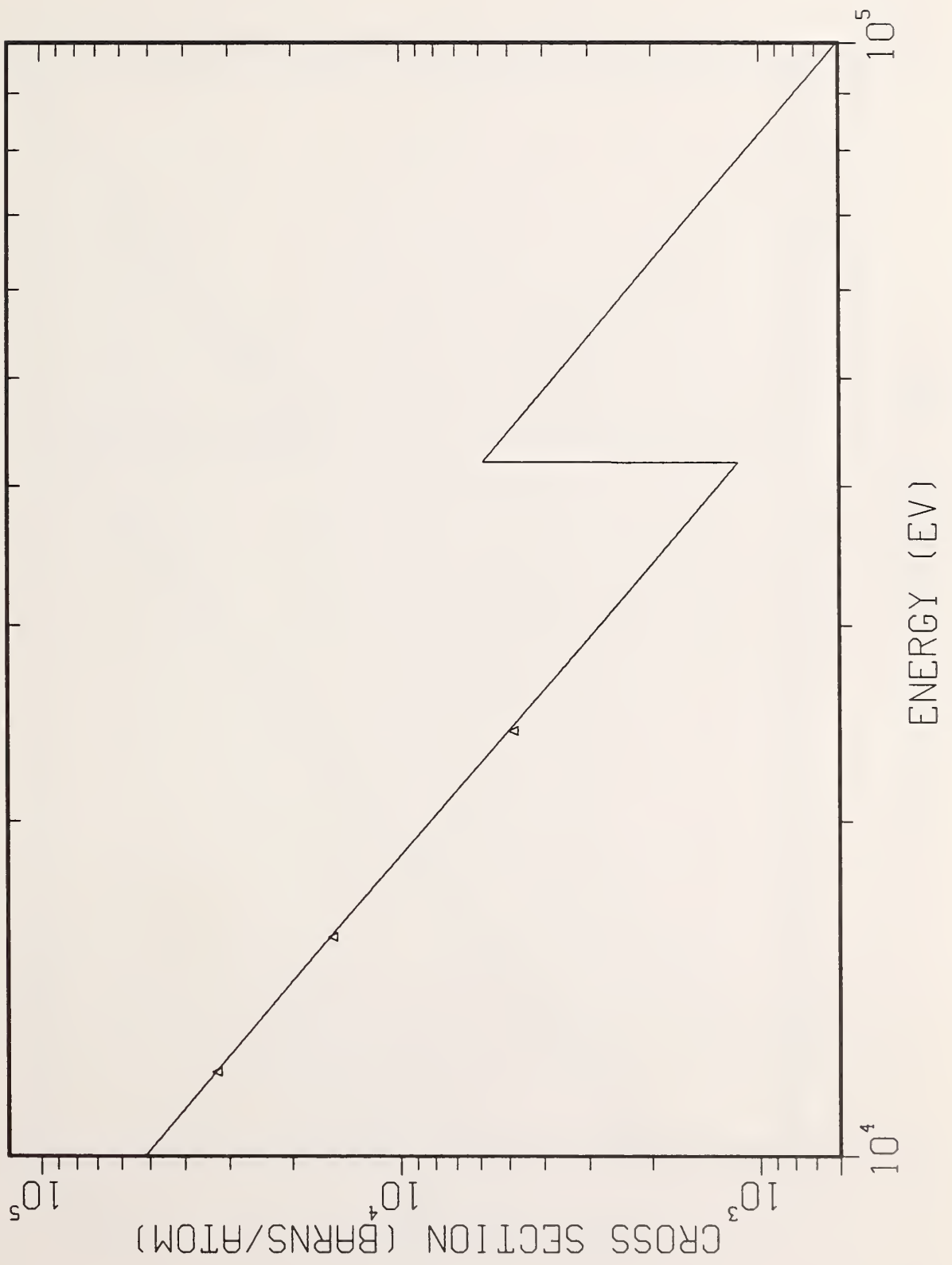


ATOMIC NUMBER 58

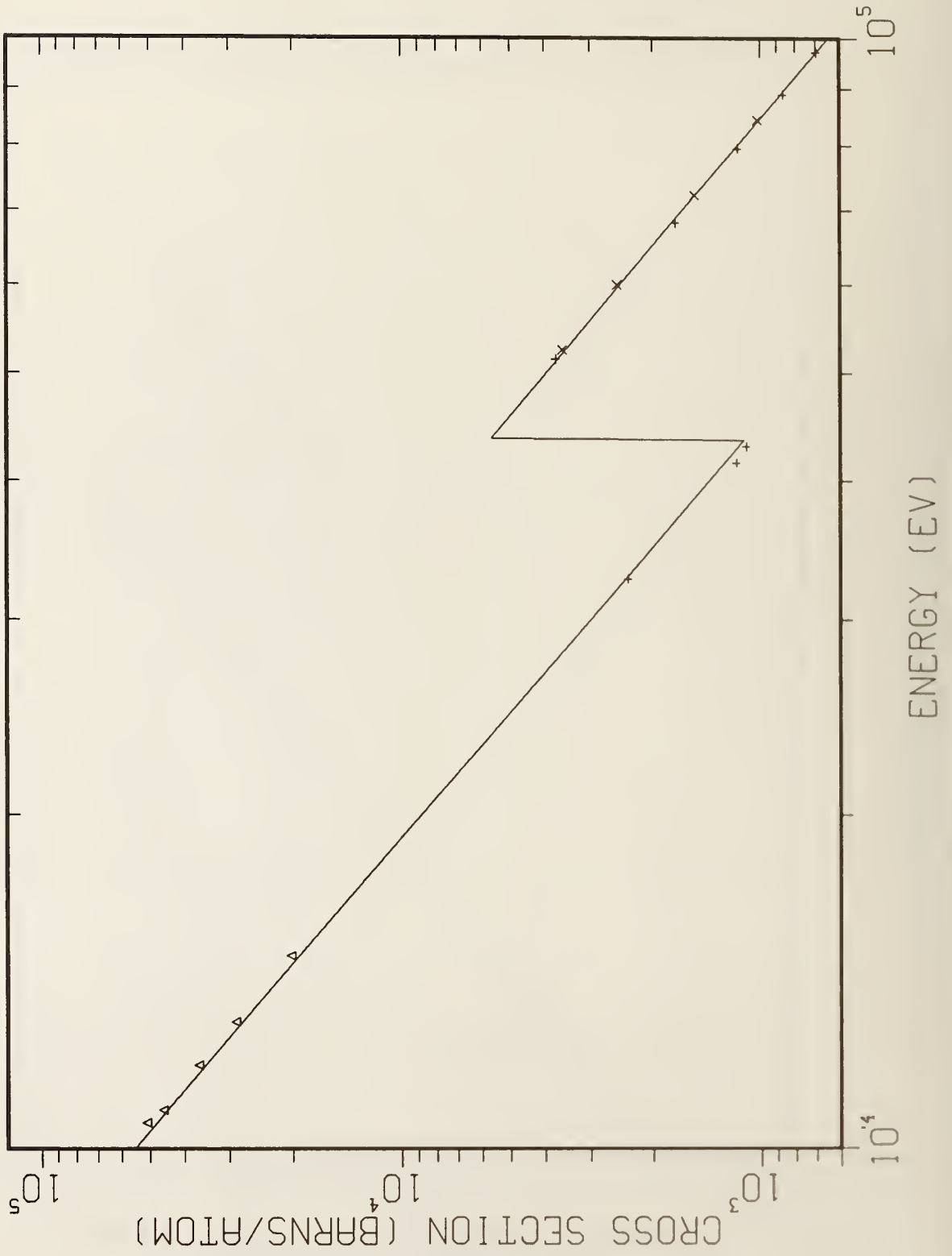




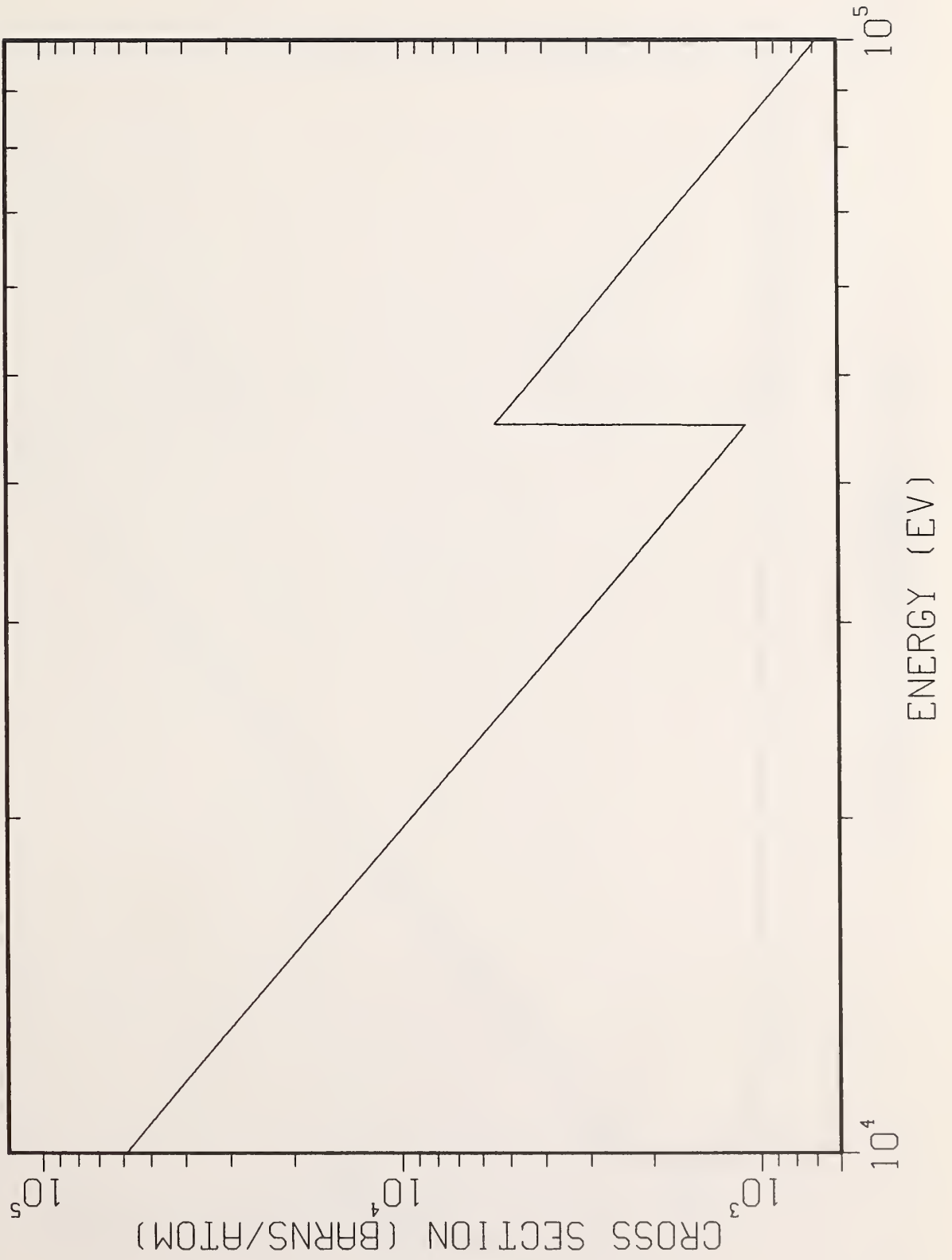
ATOMIC NUMBER 59



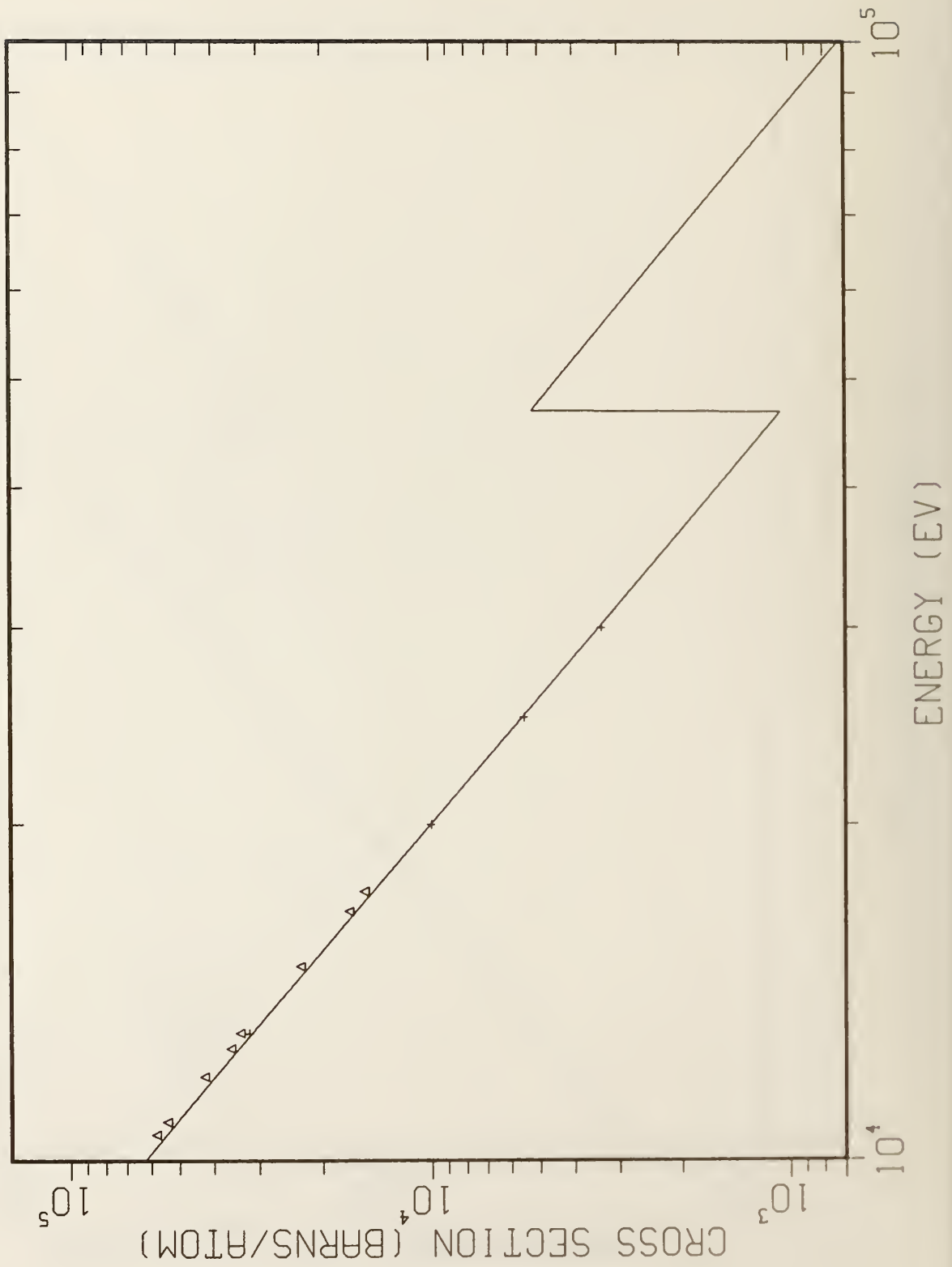
ATOMIC NUMBER 60



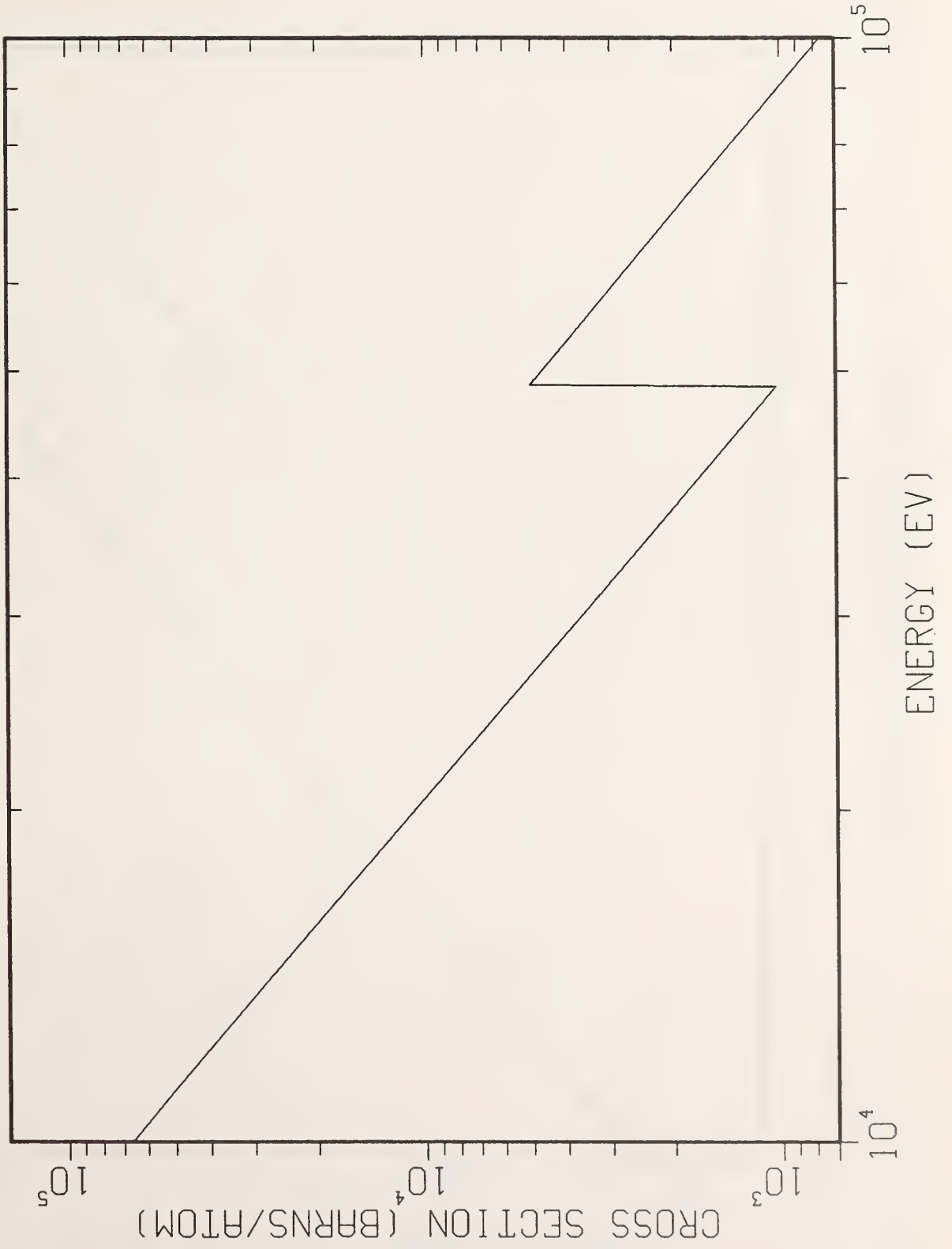
ATOMIC NUMBER 61



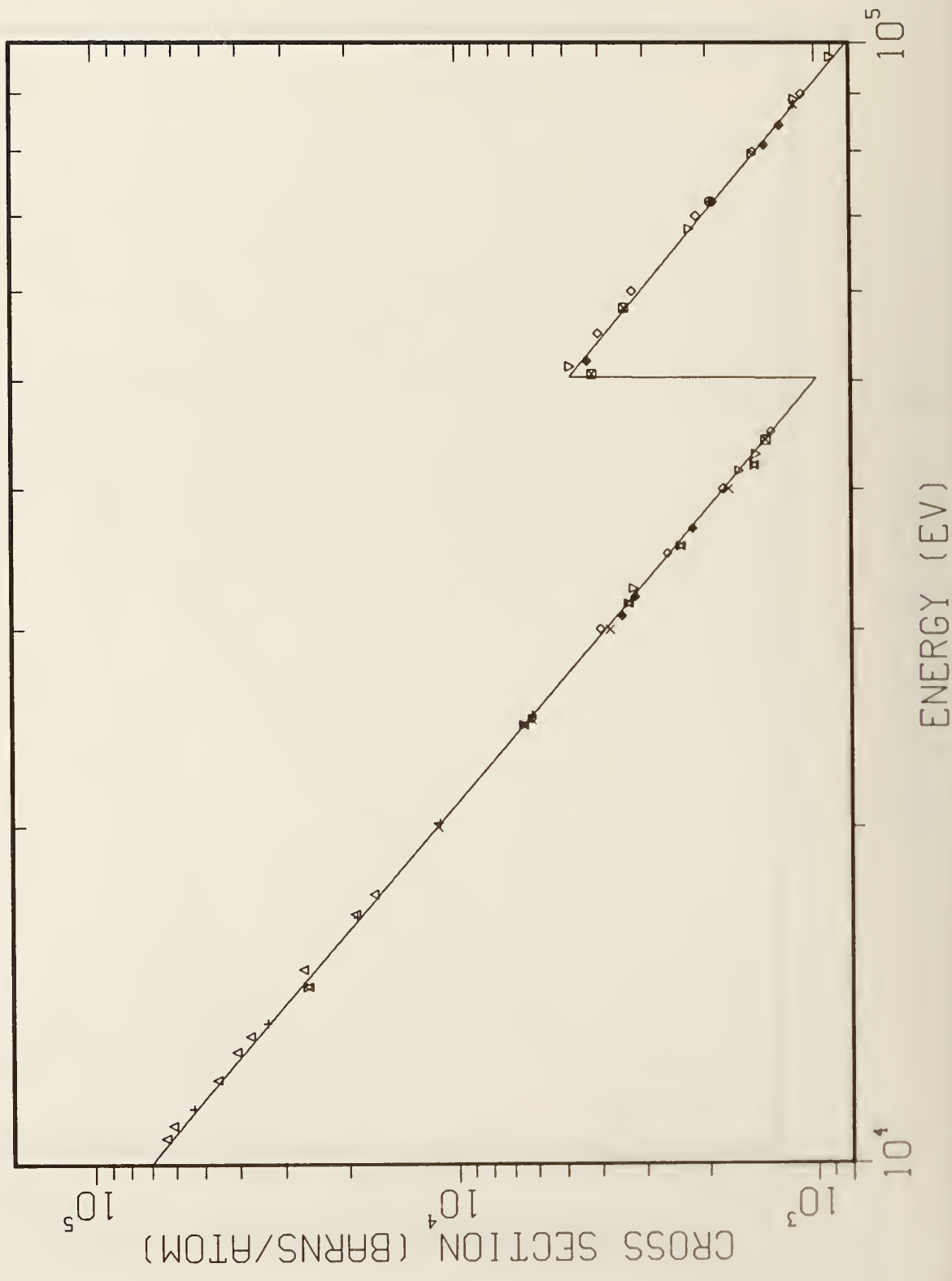
ATOMIC NUMBER 62



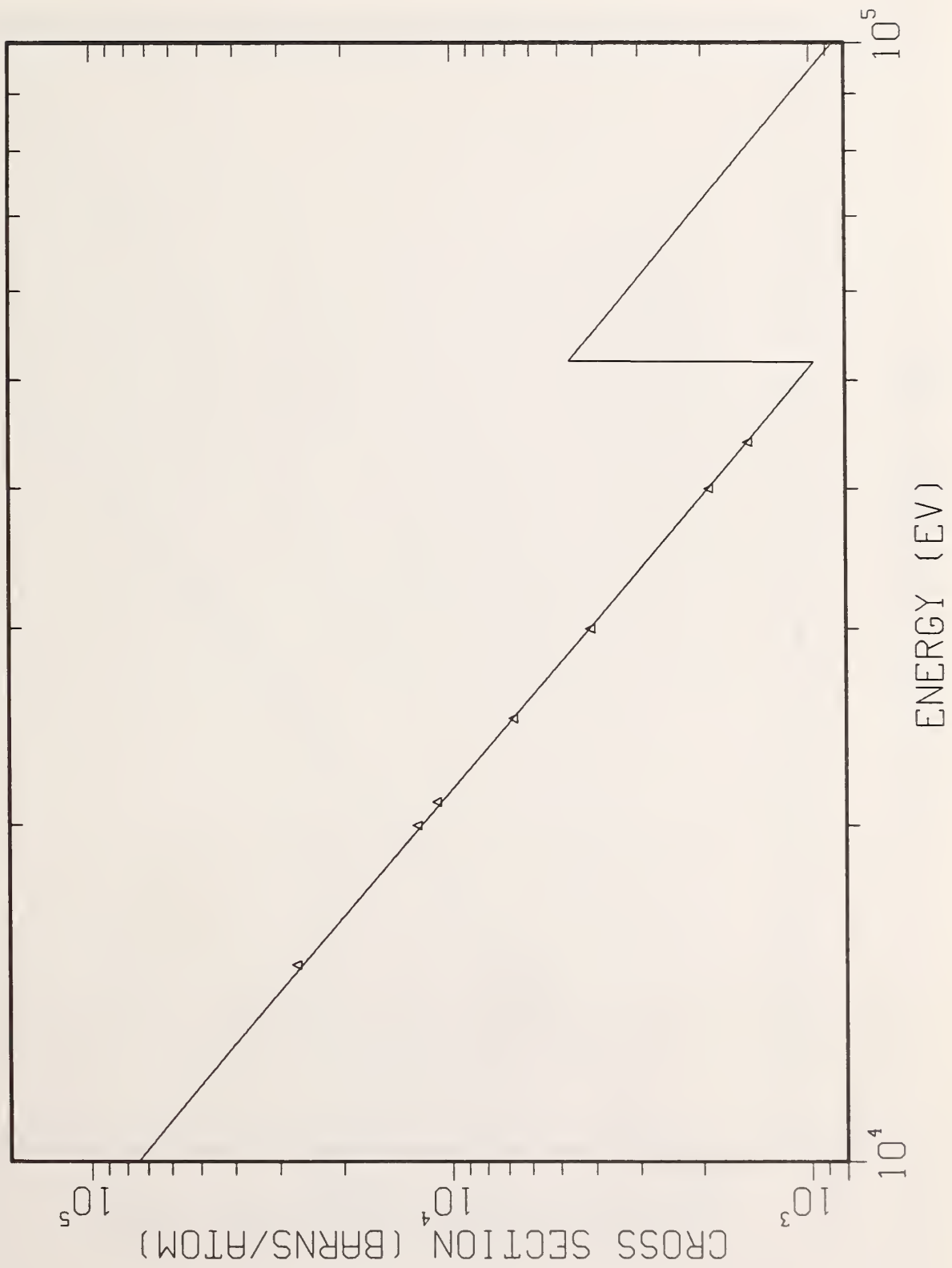
ATOMIC NUMBER 63



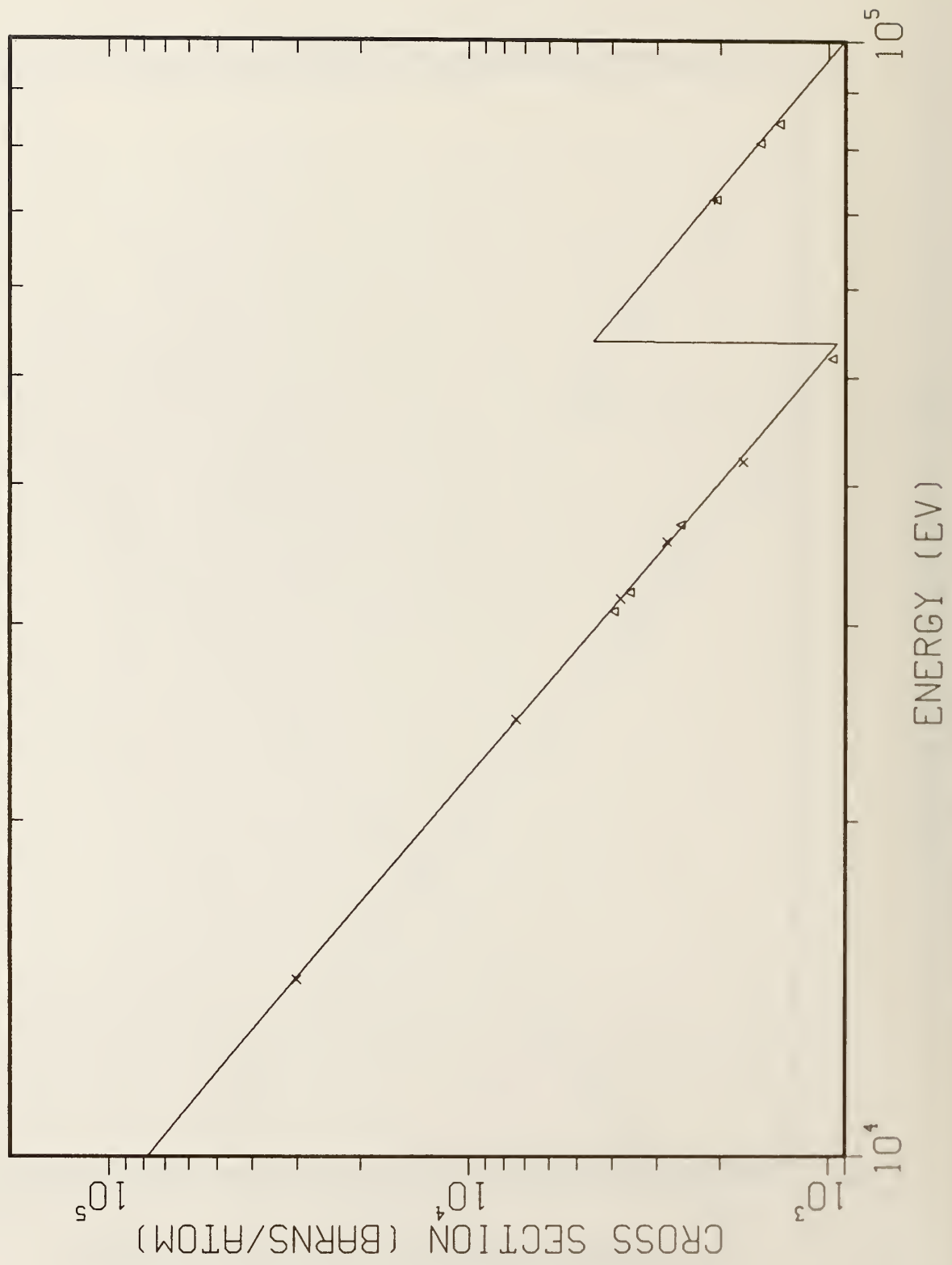
# ATOMIC NUMBER 64



ATOMIC NUMBER 65

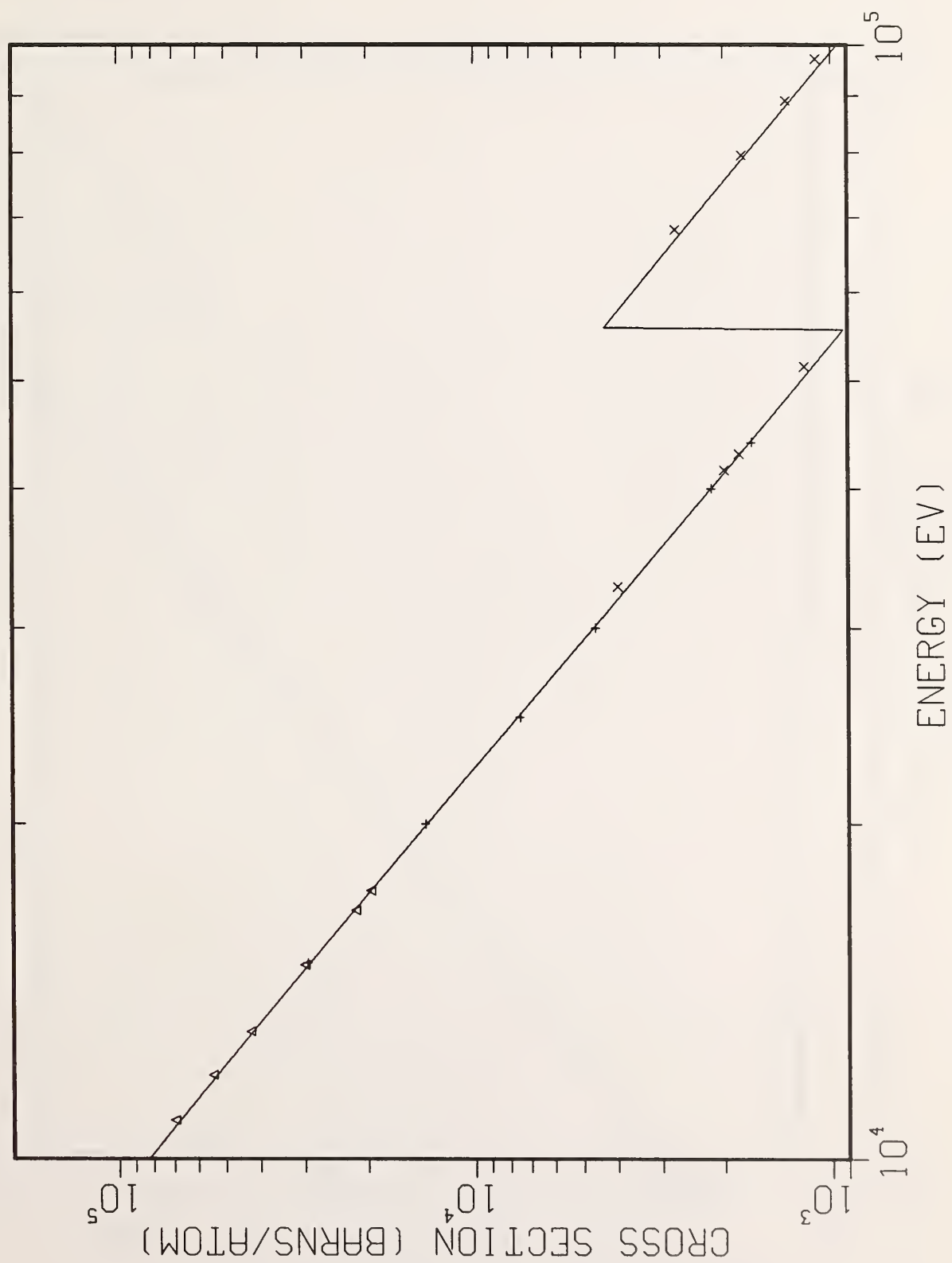


ATOMIC NUMBER 66

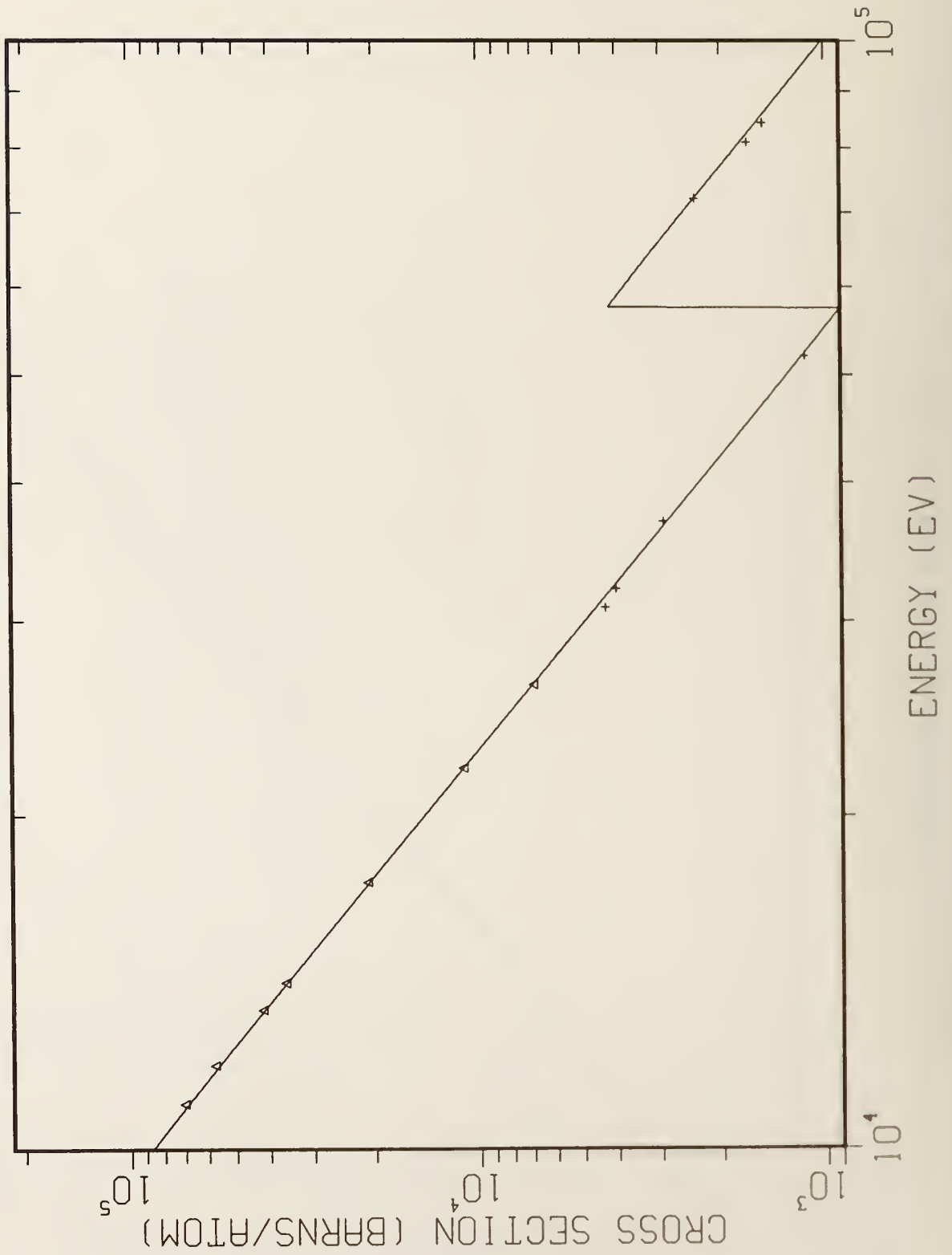




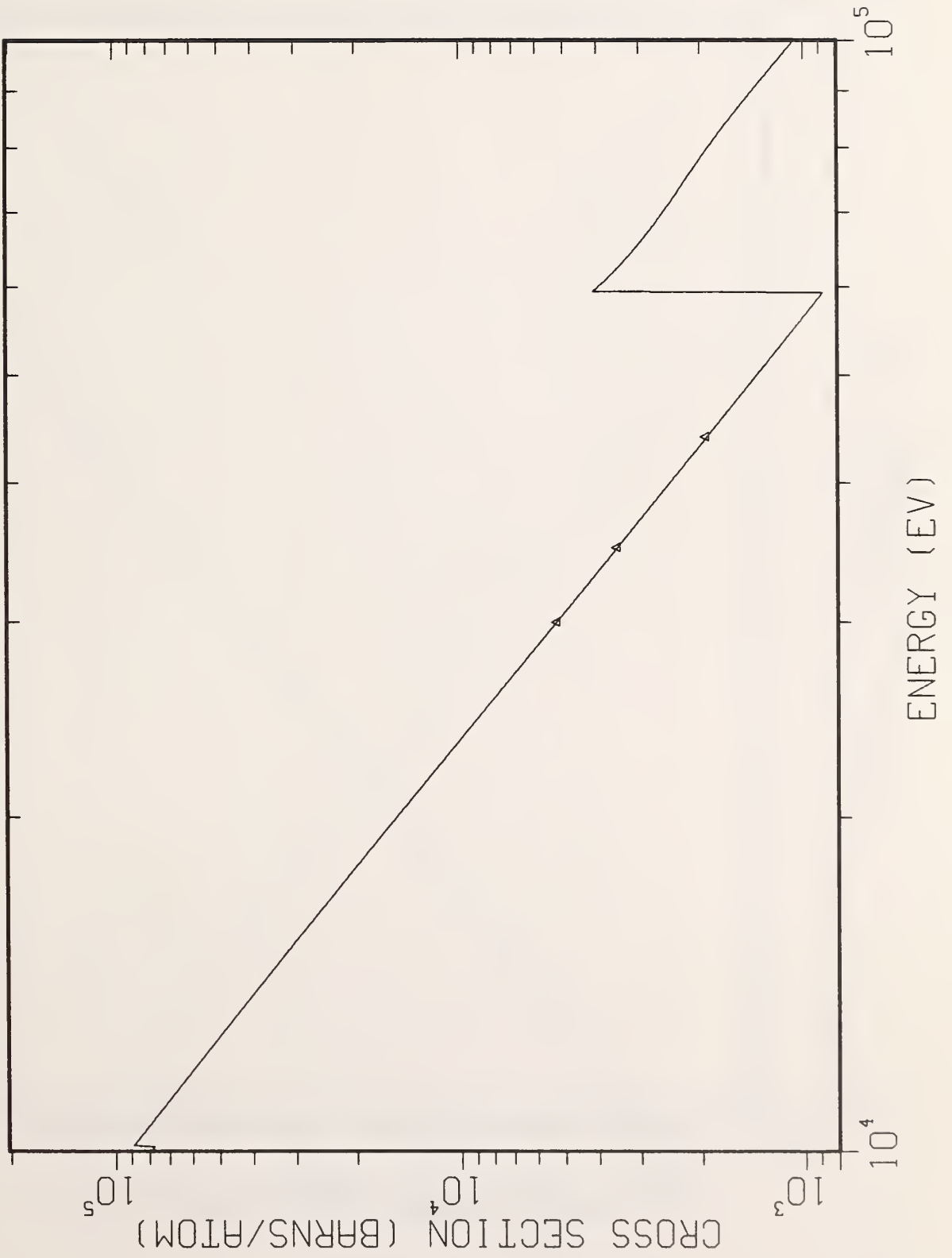
# ATOMIC NUMBER 67



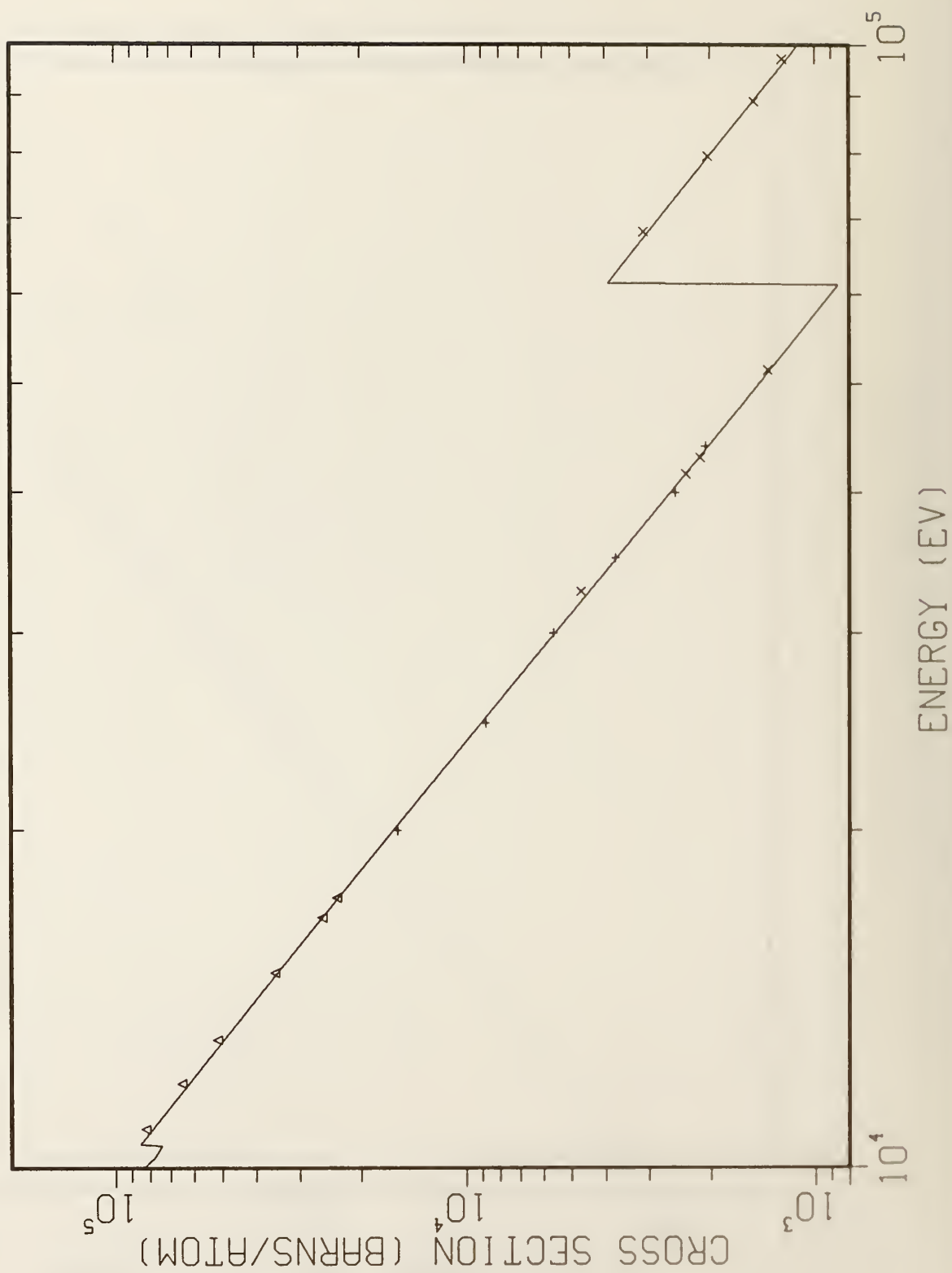
ATOMIC NUMBER 68



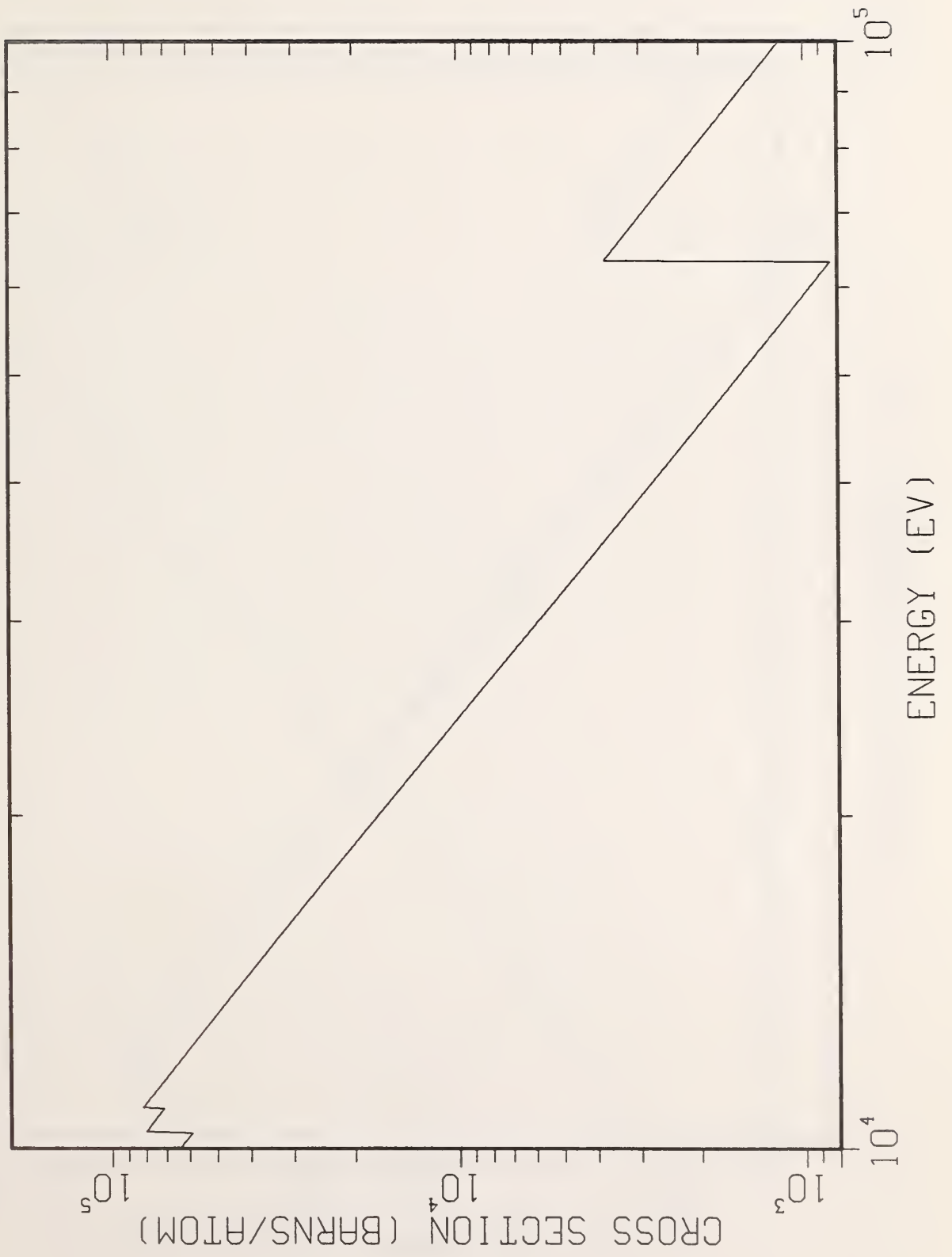
ATOMIC NUMBER 69



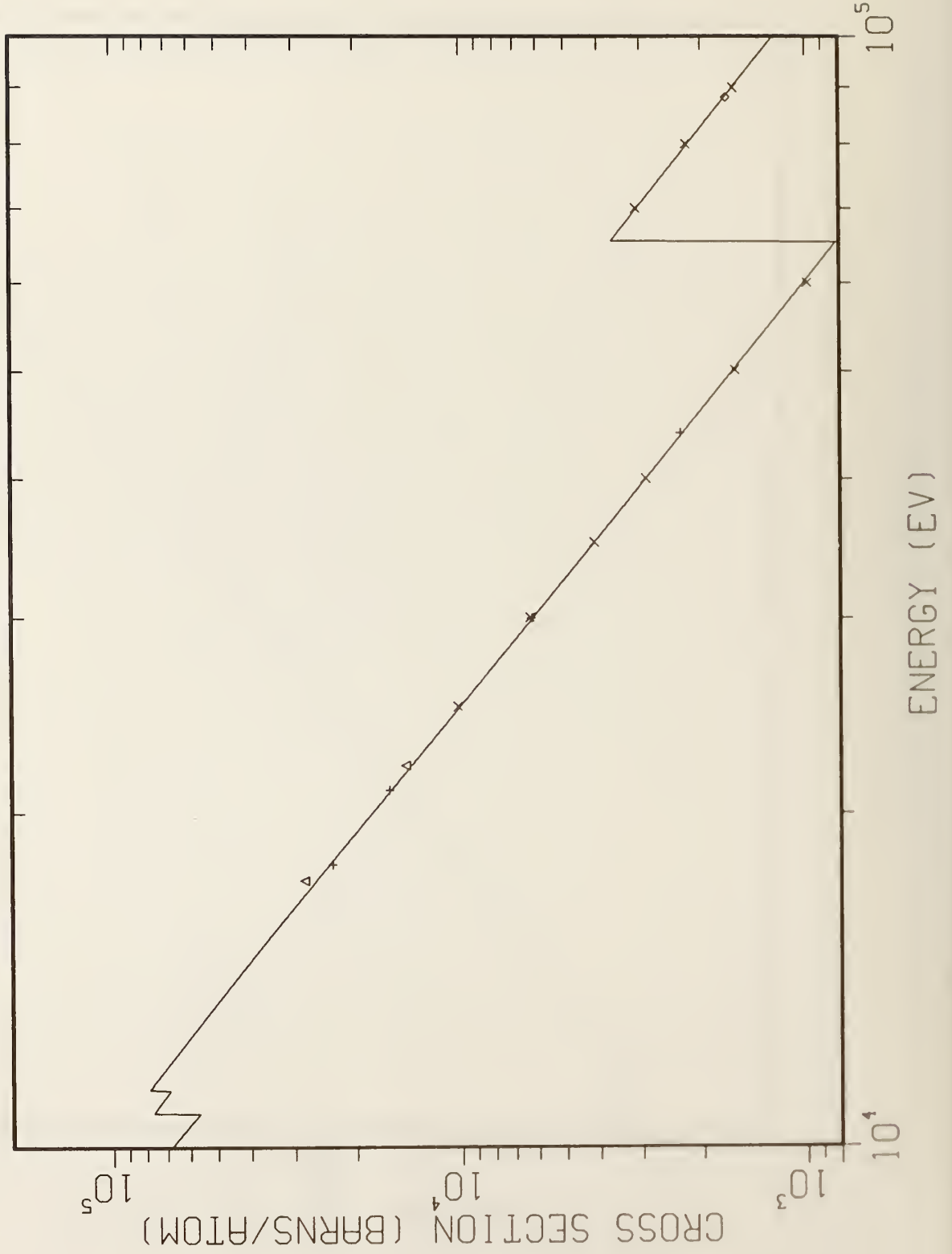
# ATOMIC NUMBER 70



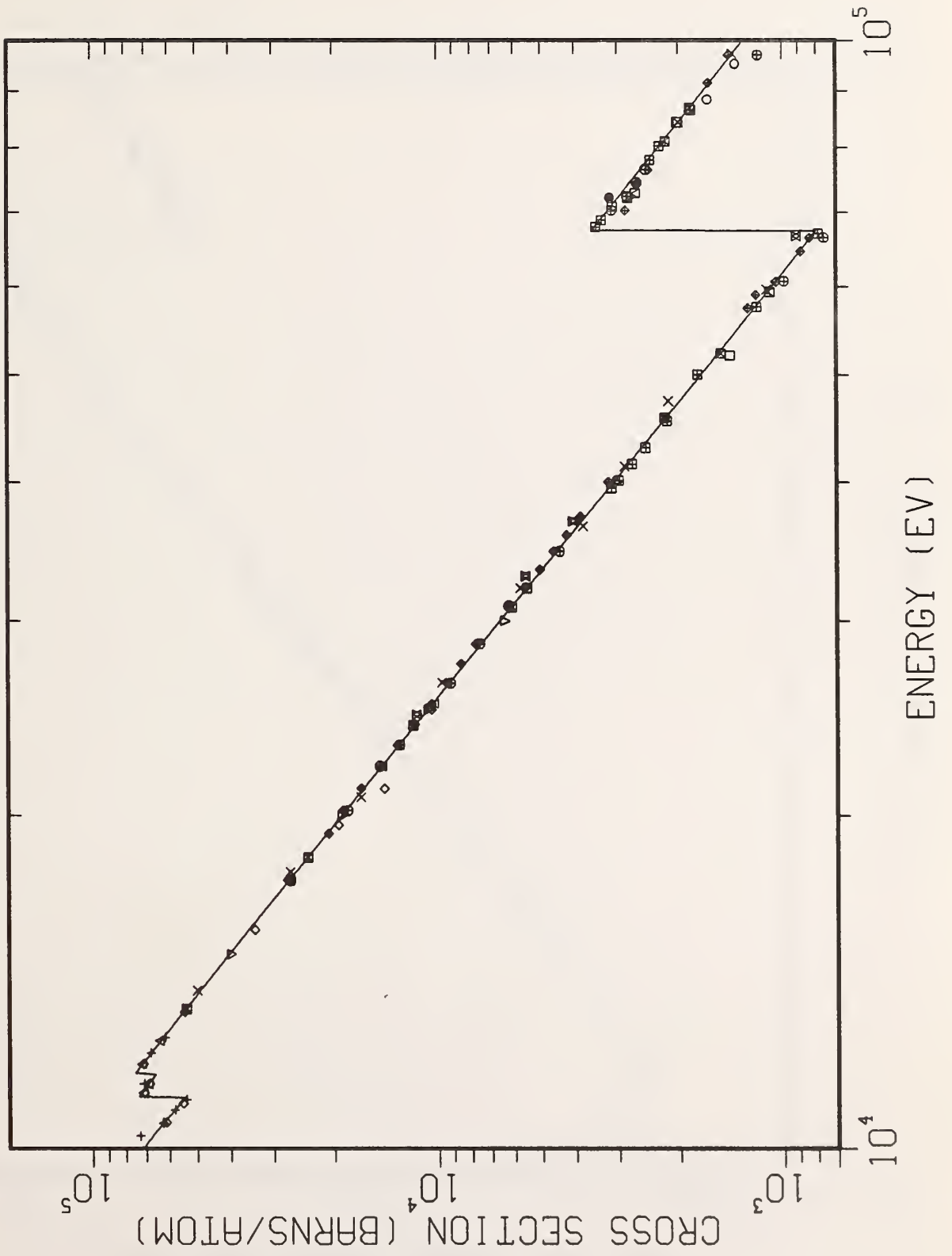
ATOMIC NUMBER 71



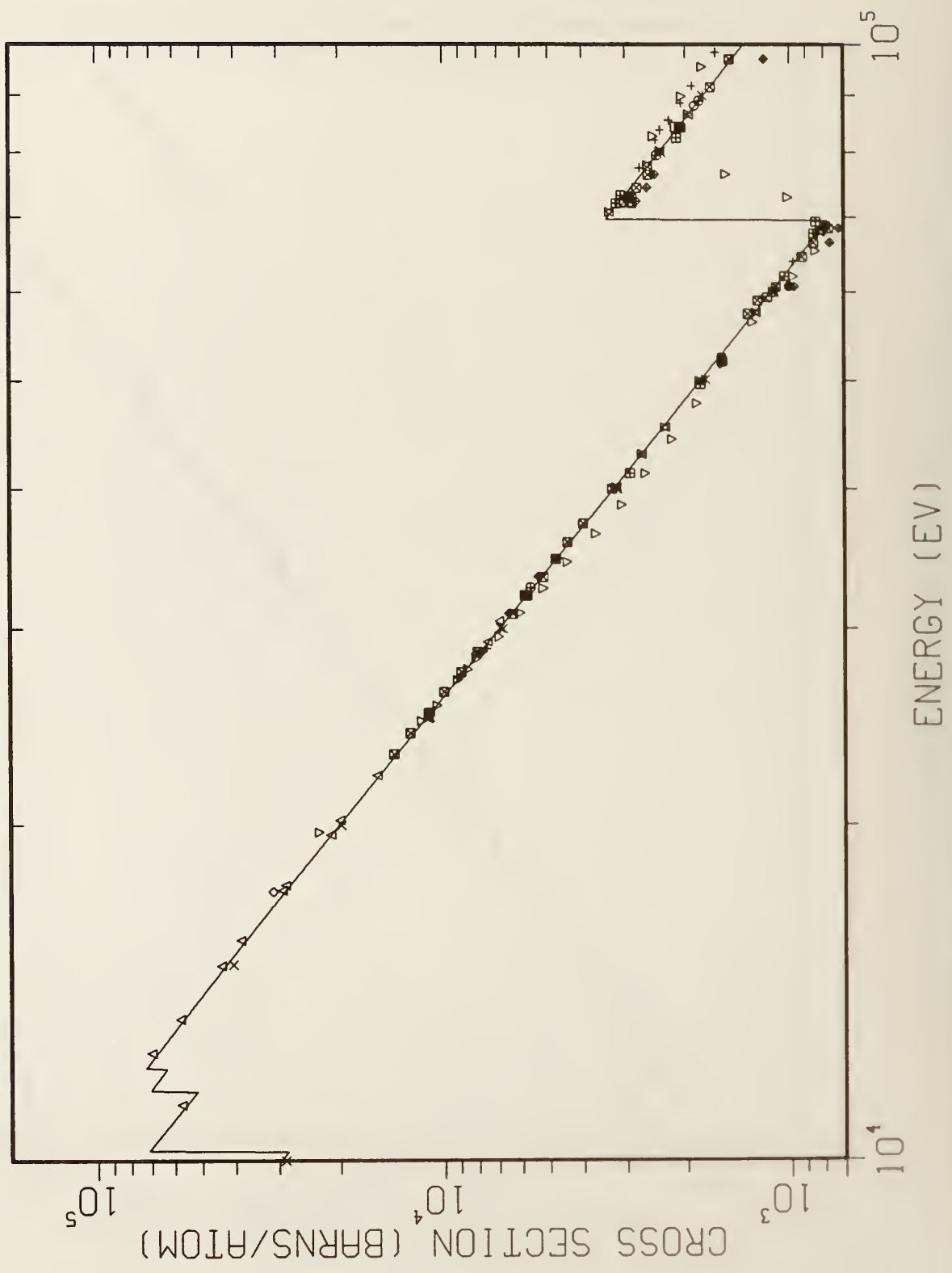
ATOMIC NUMBER 72



# ATOMIC NUMBER 73

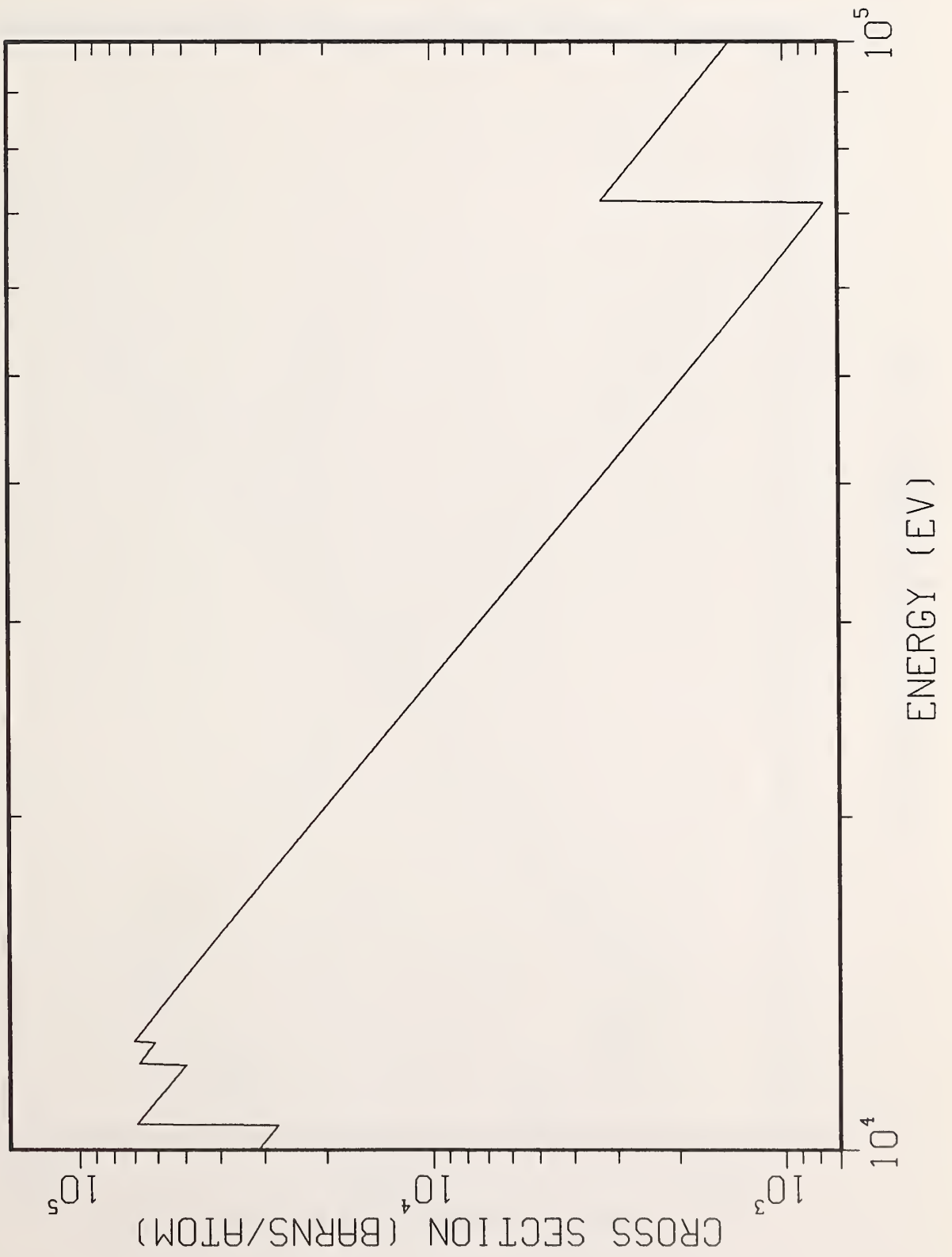


# ATOMIC NUMBER 74





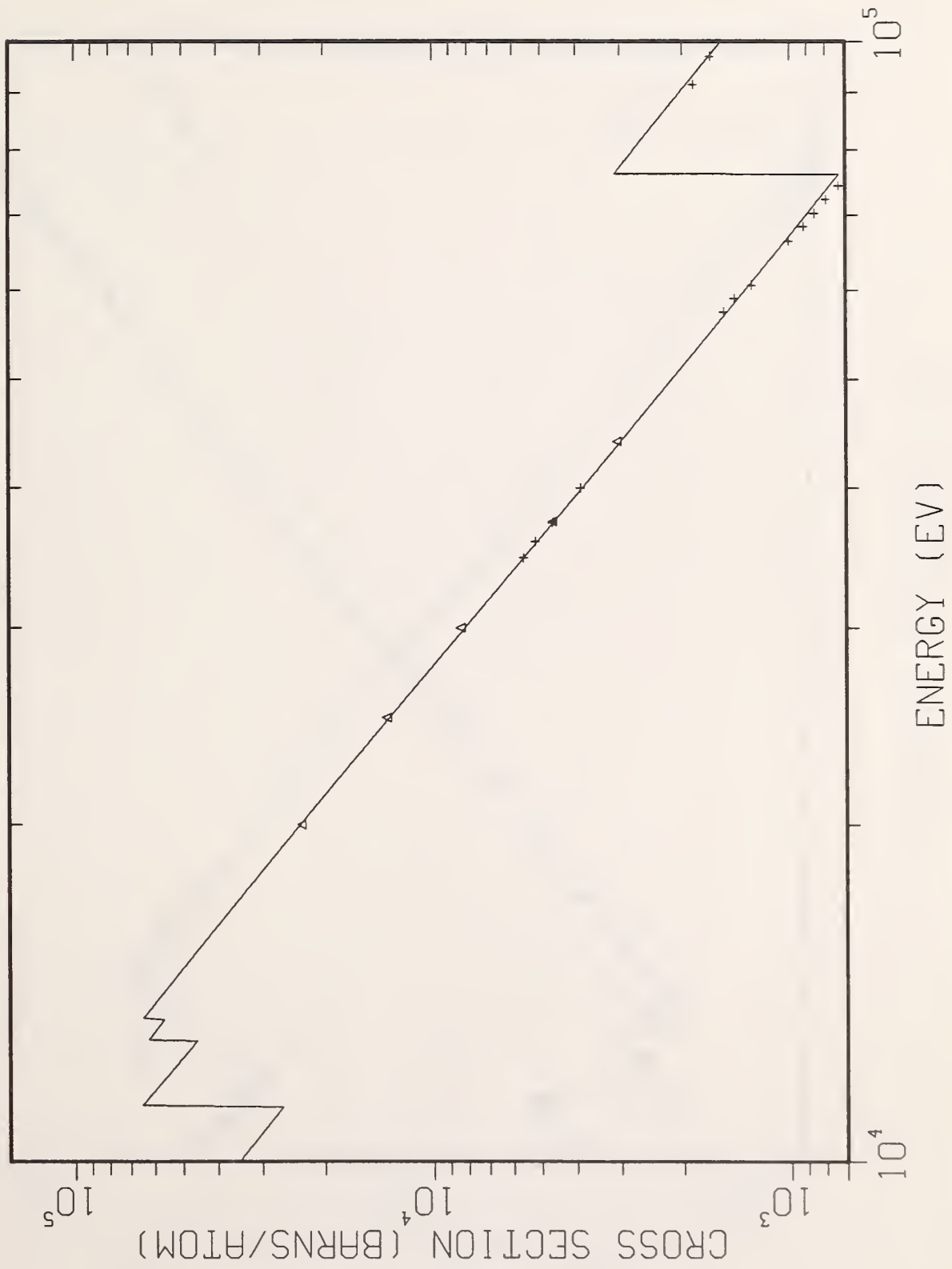
ATOMIC NUMBER 75



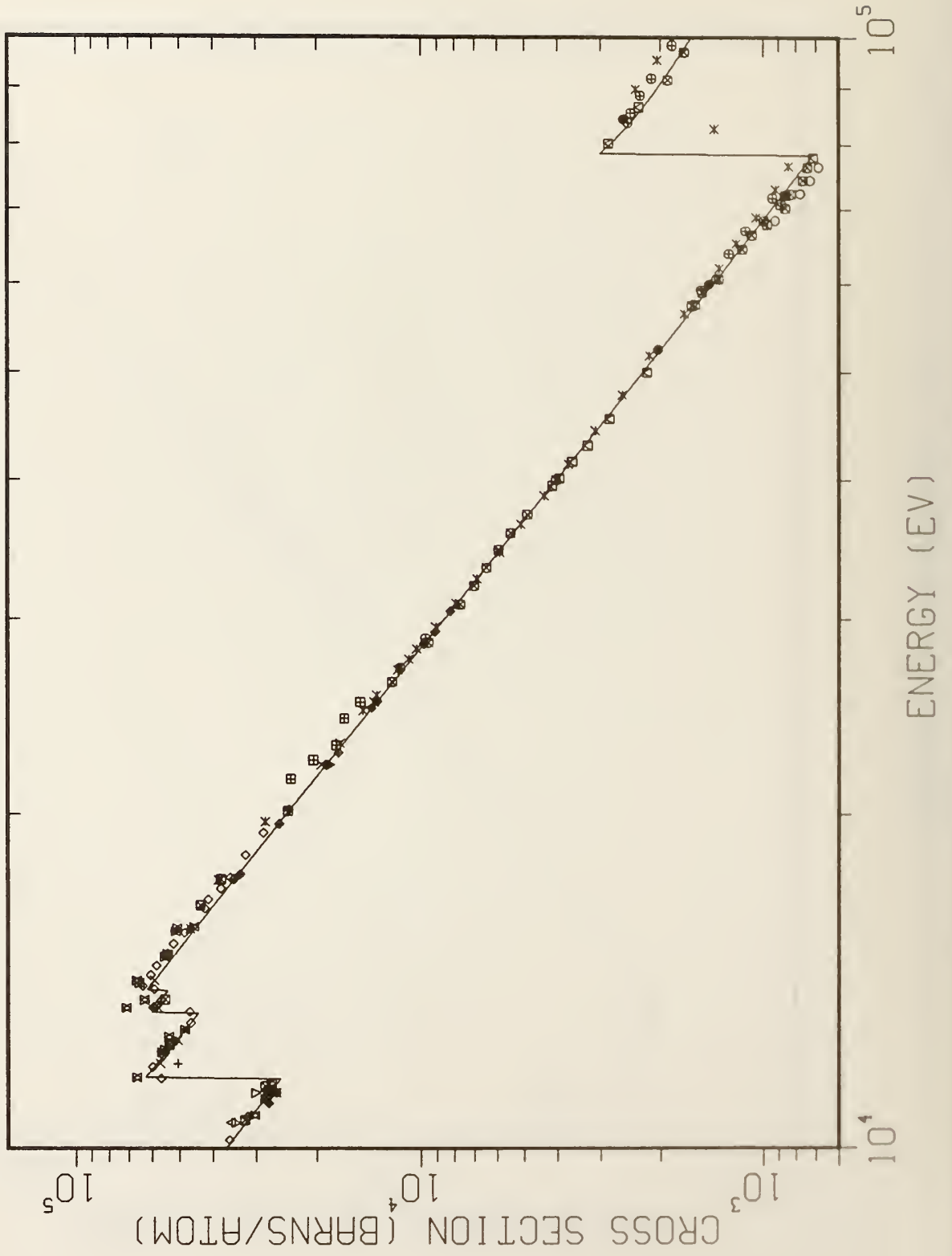
# ATOMIC NUMBER 76

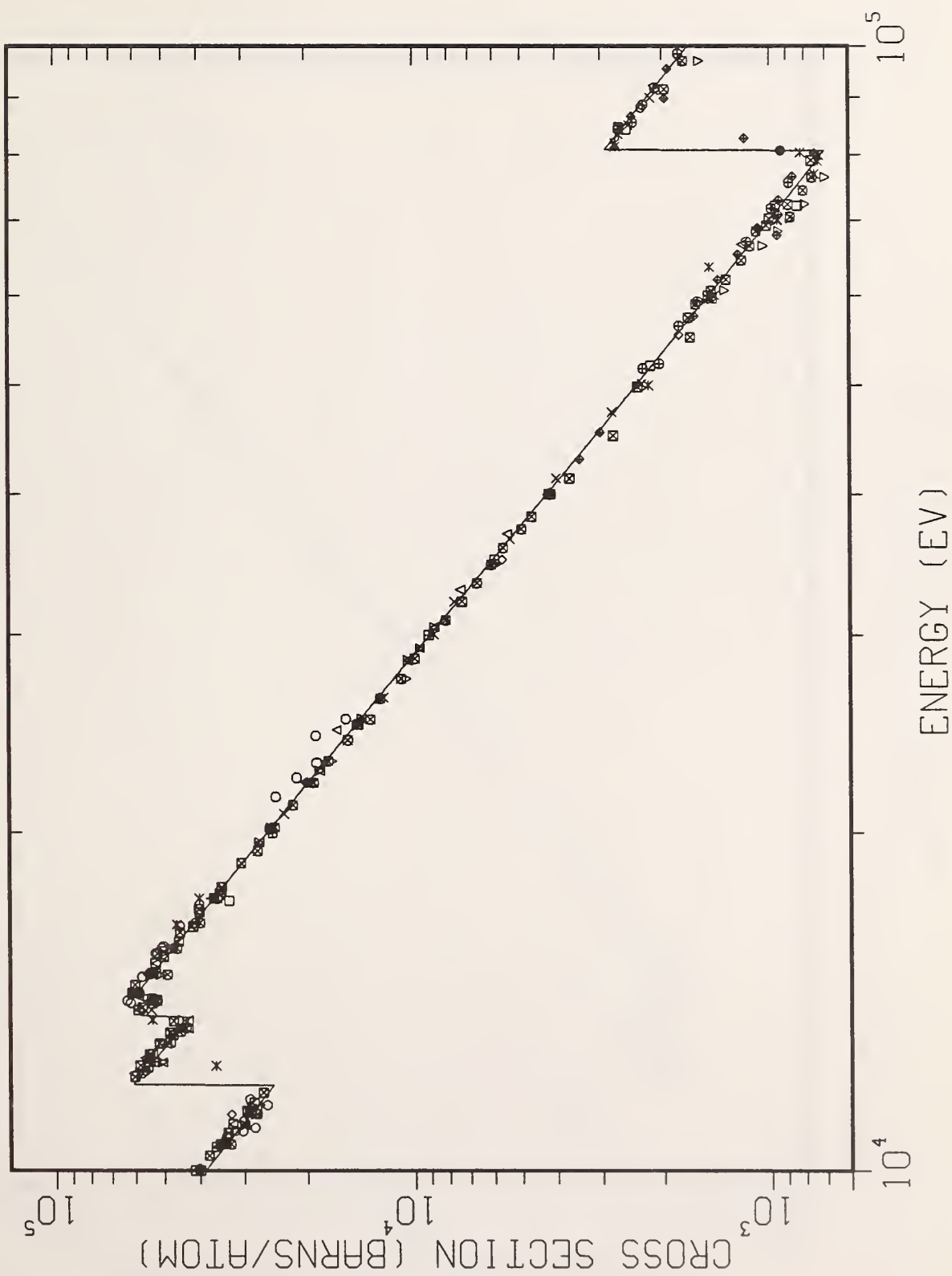


ATOMIC NUMBER 77



# ATOMIC NUMBER 78

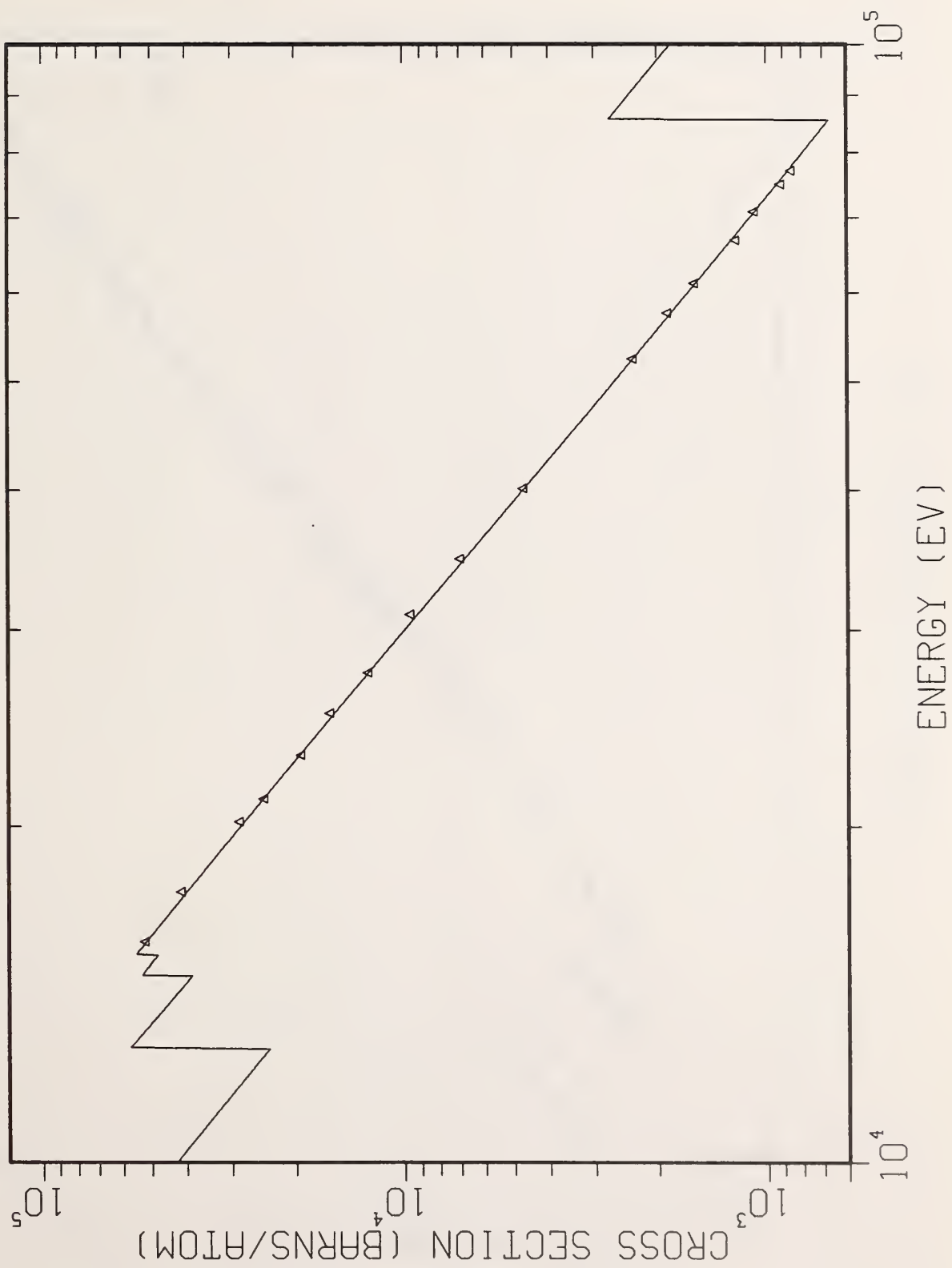




ATOMIC NUMBER 80



ATOMIC NUMBER 81

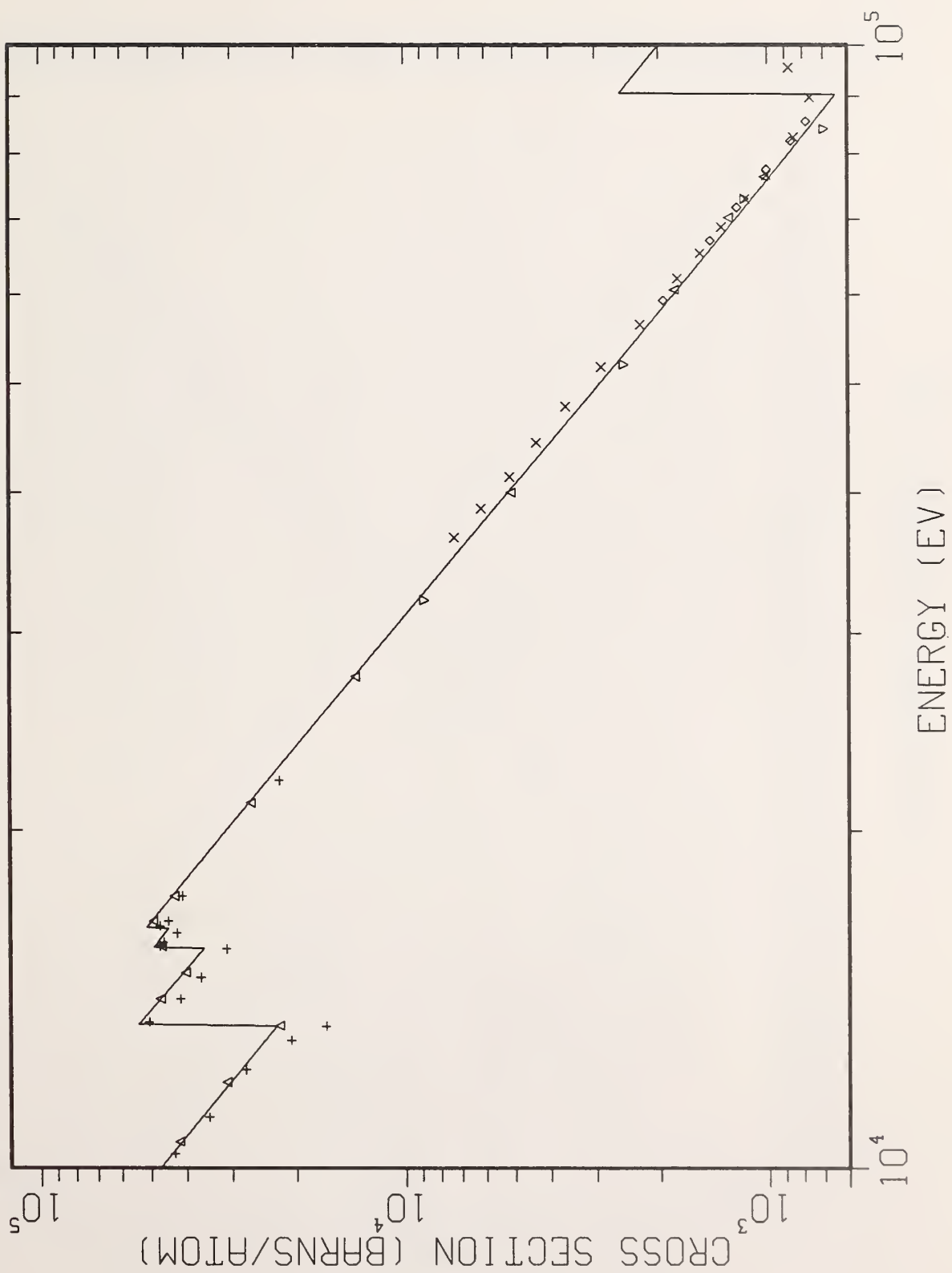


ATOMIC NUMBER 82

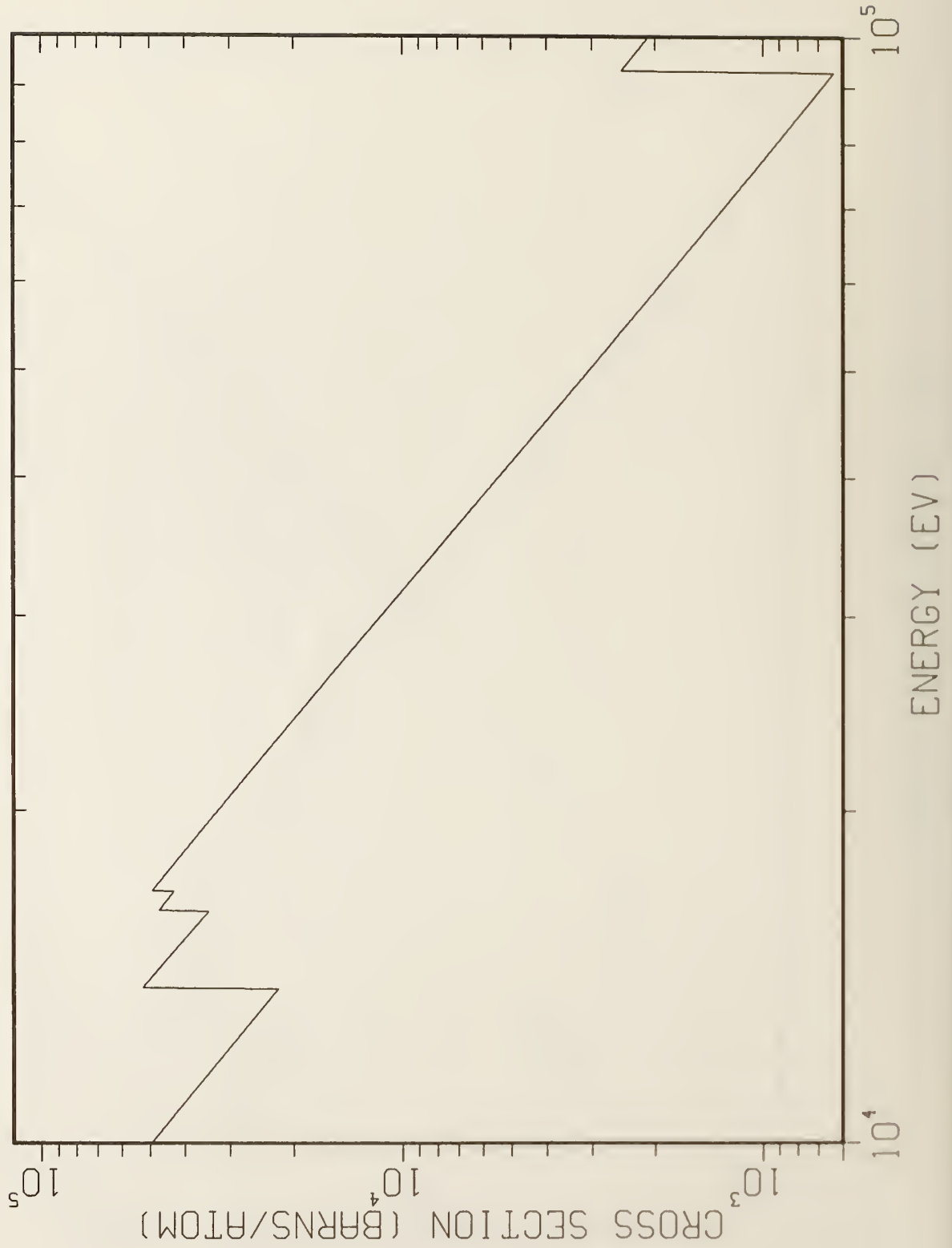




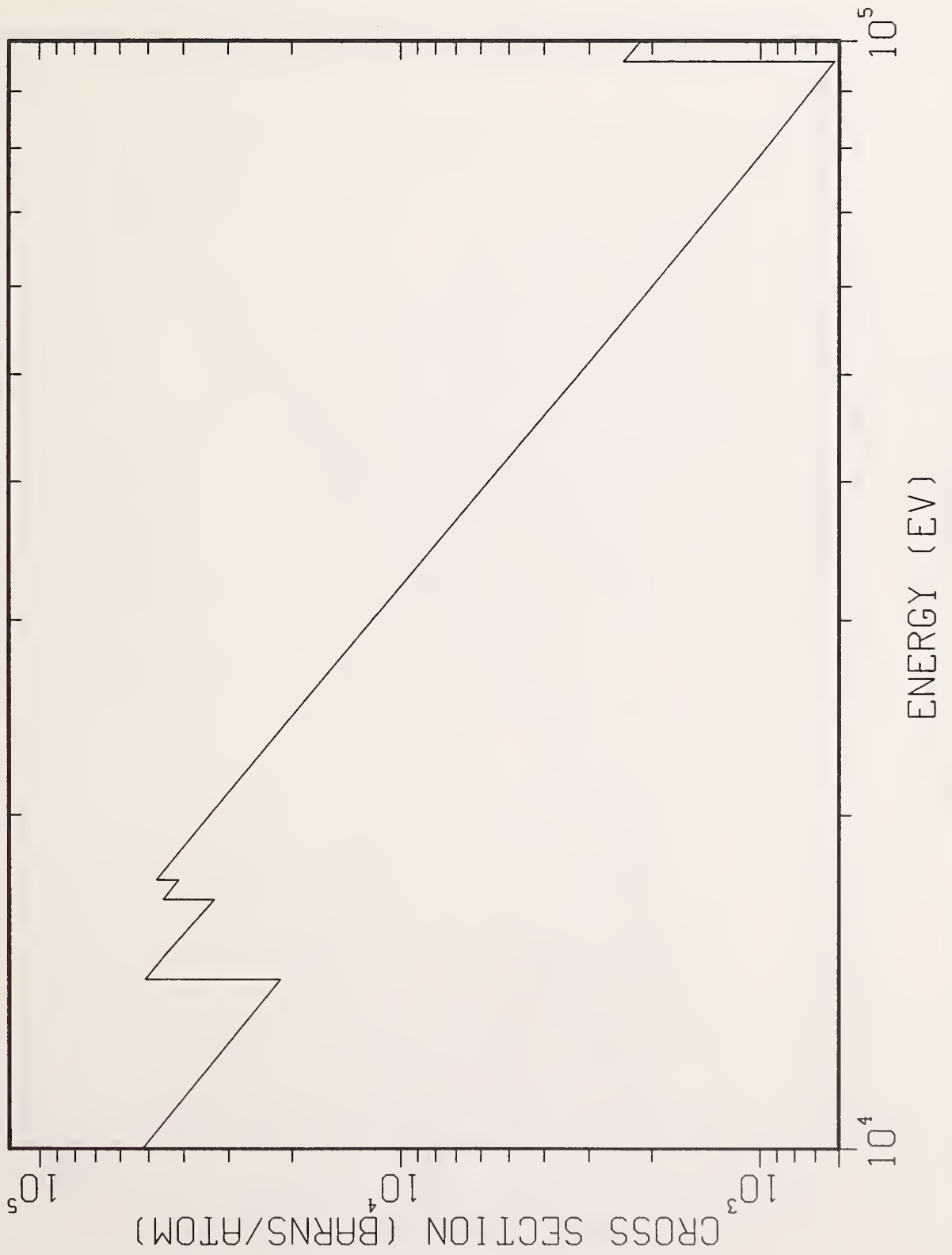
# ATOMIC NUMBER 83



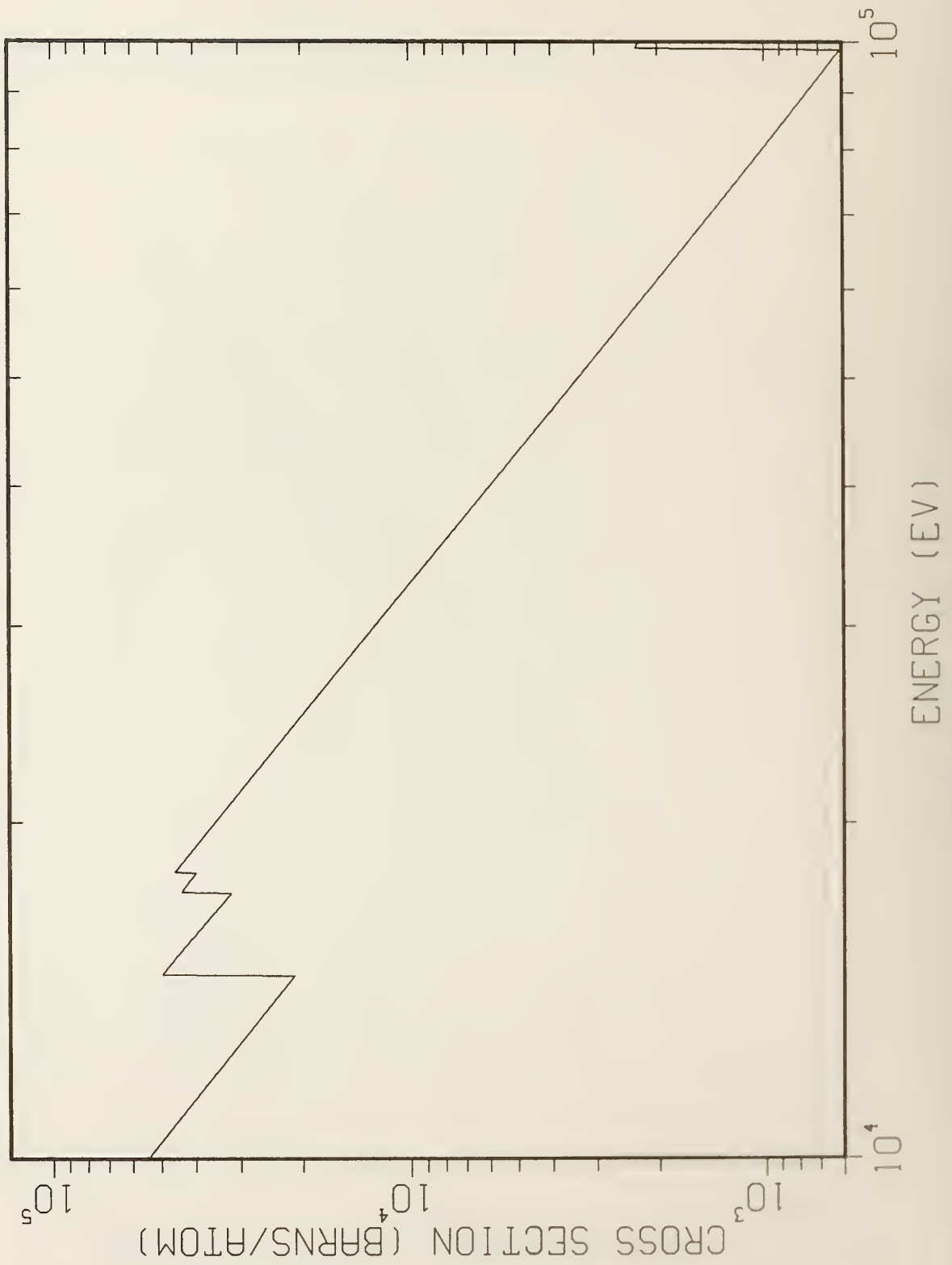
ATOMIC NUMBER 84



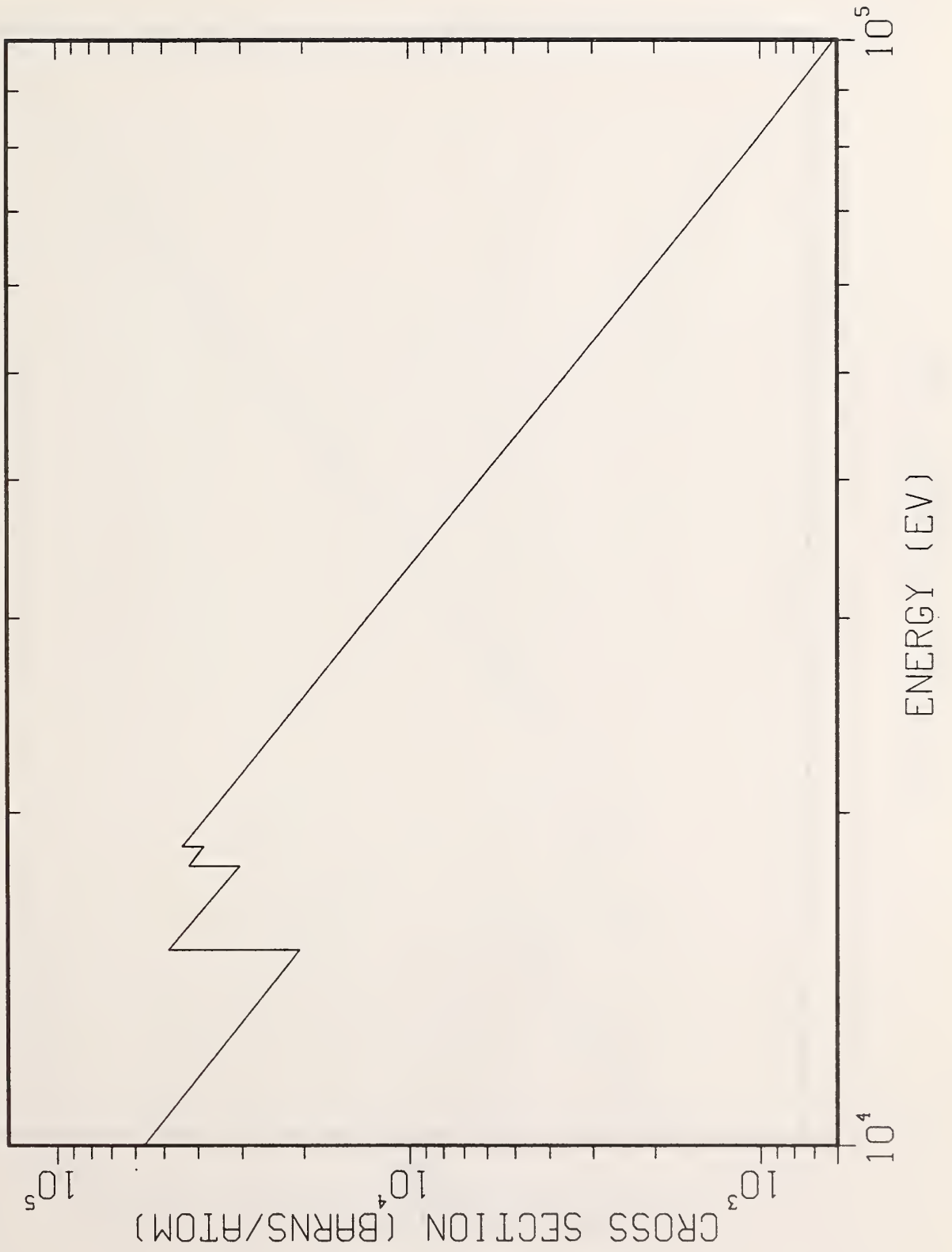
ATOMIC NUMBER 85



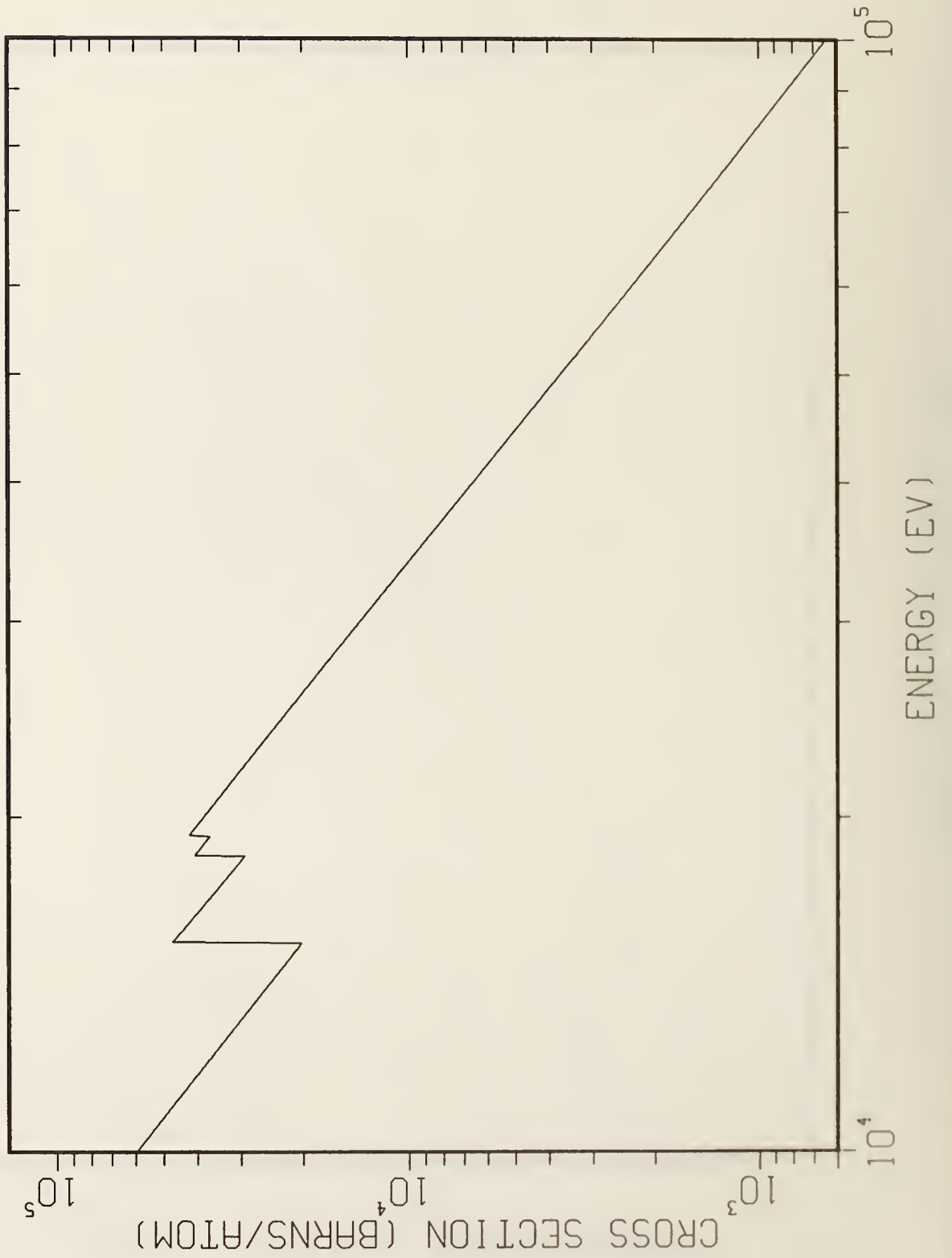
ATOMIC NUMBER 86



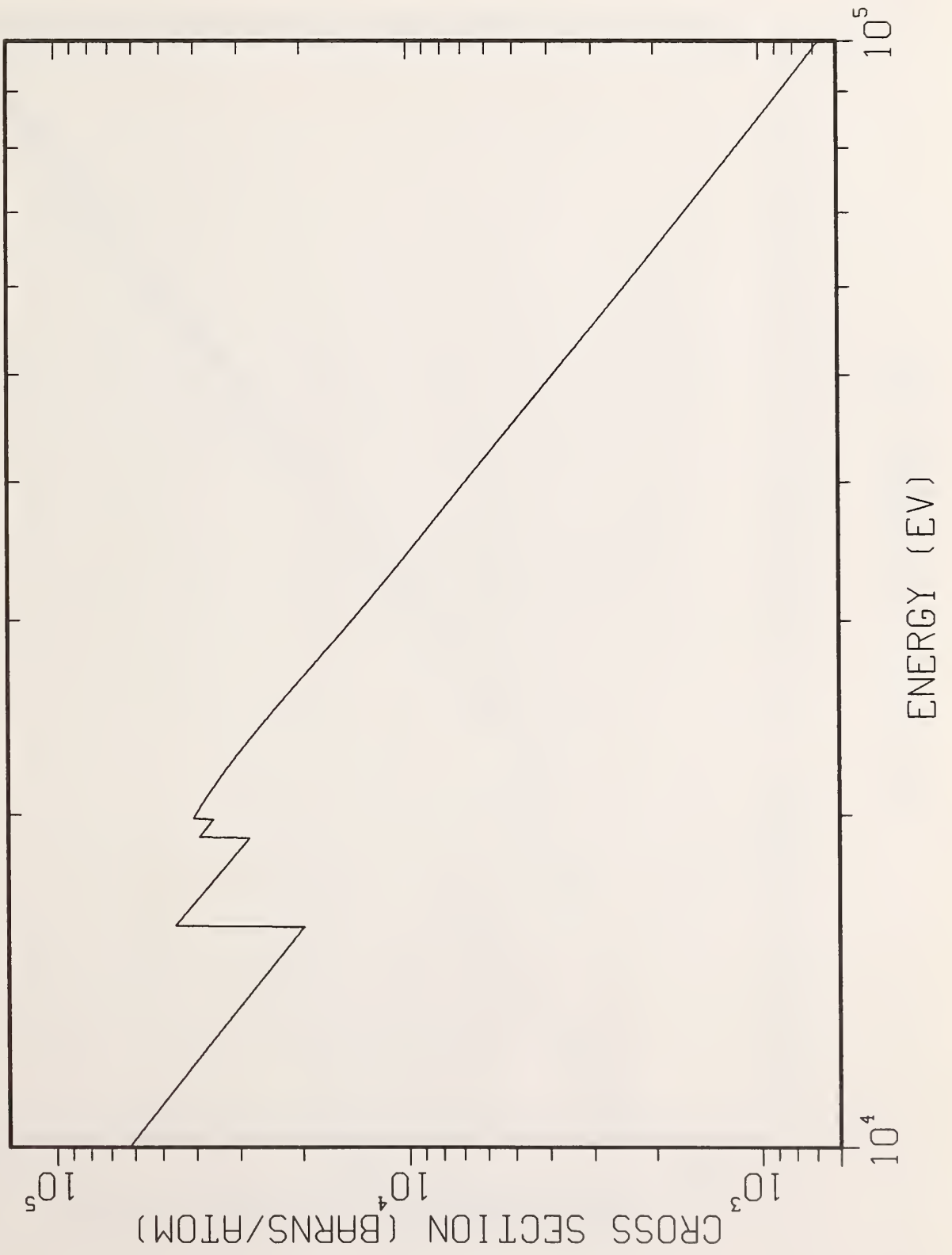
ATOMIC NUMBER 87



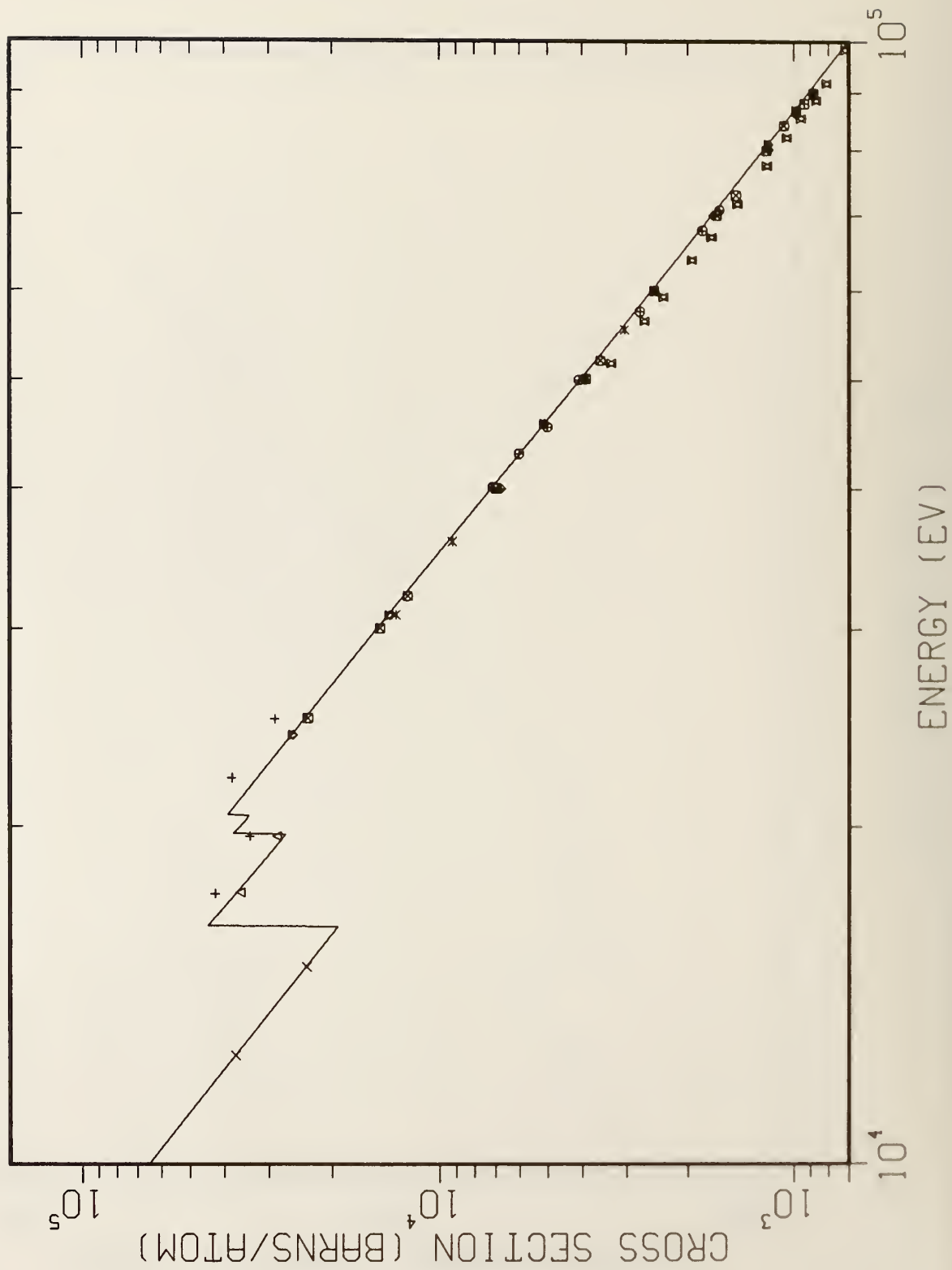
ATOMIC NUMBER 88



ATOMIC NUMBER 89

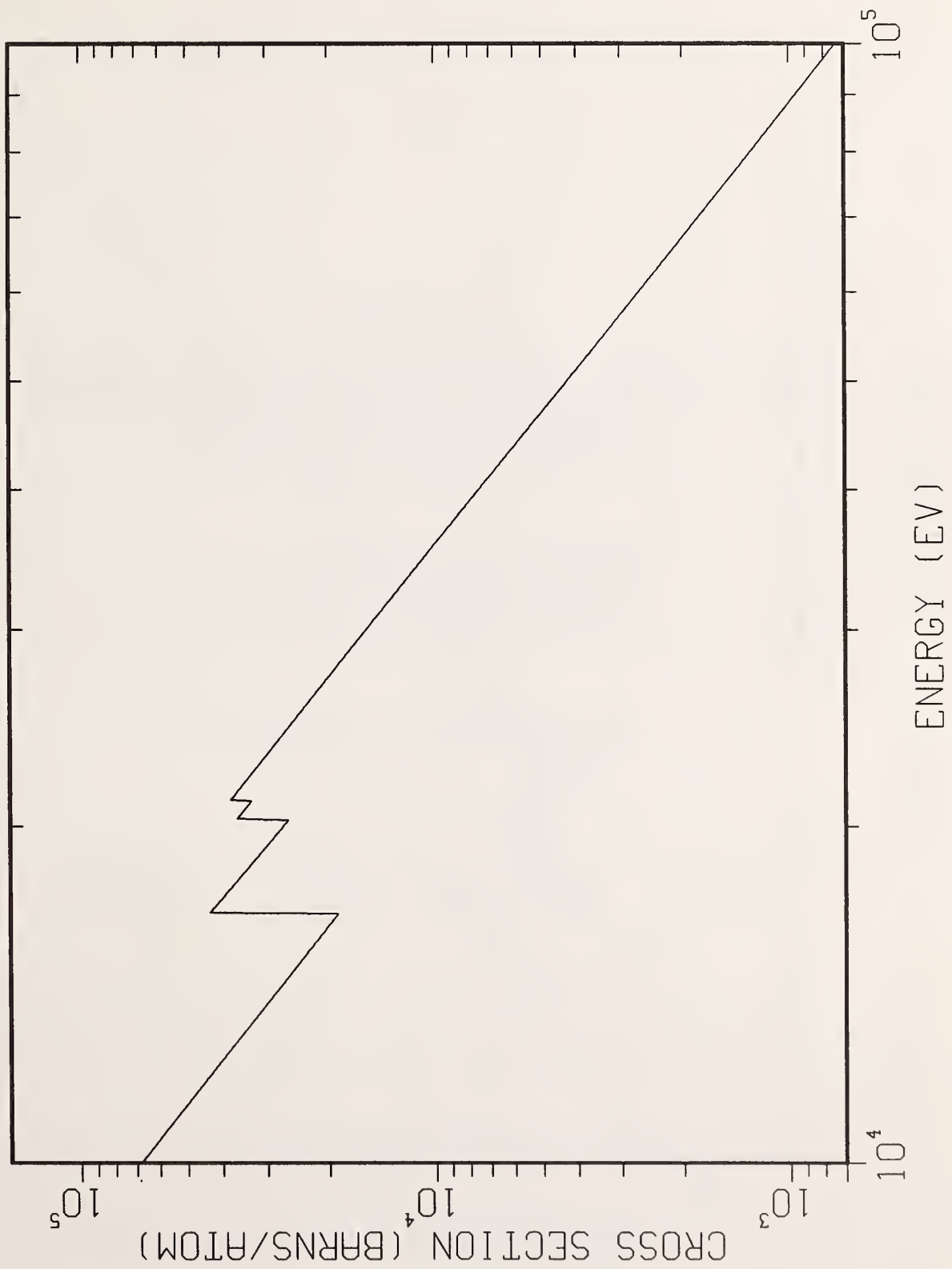


# ATOMIC NUMBER 90

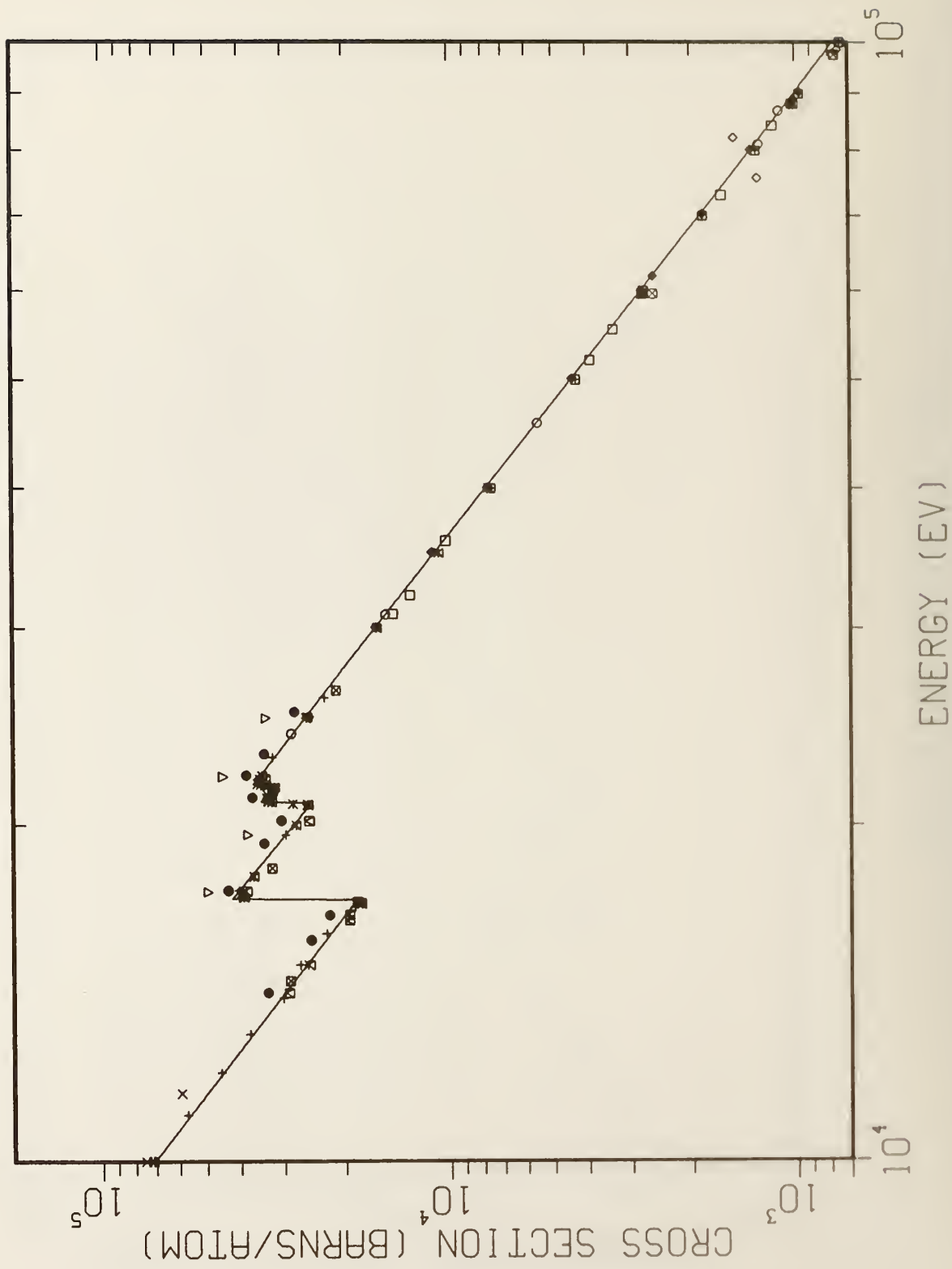




ATOMIC NUMBER 91



# ATOMIC NUMBER 92



APPENDIX TO  
X-RAY ATTENUATION COEFFICIENTS (TOTAL CROSS SECTIONS):  
COMPARISON OF THE EXPERIMENTAL DATA BASE WITH THE  
RECOMMENDED VALUES OF HENKE AND THE  
THEORETICAL VALUES OF SCOFIELD  
FOR ENERGIES BETWEEN 0.1-100 KEV

E. B. Saloman and J. H. Hubbell  
Center for Radiation Research  
National Bureau of Standards  
Gaithersburg, Maryland 20899

DATA USED IN THIS COMPARISON  
PRESENTED IN TABULAR FORM

Table 2A	Data 0.1-1.0 keV.	A- 2
Table 2B	Data 1.0-10.0 keV.	A- 74
Table 2C	Data 10.0-100.0 keV.	A-215

TABLE 2A

DATA USED IN THE COMPARISON  
FOR THE ENERGY RANGE 0.1-1.0 KEV

IZ= 1

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
1	39	6	67HE1	6	3.10E+01	3.09E+01	3.09E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.089E+02	1.951E+04	1.483E+04	24.00	1.482E+04	24.02	1.482E+04	24.02	24.02
2	1.472E+02	7.716E+03	5.789E+03	24.97	5.792E+03	24.94	5.792E+03	24.94	24.94
3	1.826E+02	3.975E+03	2.927E+03	26.35	2.930E+03	26.30	2.930E+03	26.30	26.30
4	2.780E+02	1.220E+03	7.642E+02	37.36	7.636E+02	37.41	7.636E+02	37.41	37.41
5	3.914E+02	4.030E+02	2.513E+02	37.64	2.522E+02	37.42	2.522E+02	37.42	37.42
6	5.250E+02	1.420E+02	9.597E+01	32.41	9.649E+01	32.05	9.649E+01	32.05	32.05

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
1	40	6	70DE1	6	2.01E+01	2.01E+01	2.01E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.510E+02	6.100E+03	5.348E+03	12.33	5.347E+03	12.34	5.347E+03	12.34	12.34
2	1.717E+02	4.100E+03	3.565E+03	13.04	3.560E+03	13.17	3.560E+03	13.17	13.17
3	1.834E+02	3.600E+03	2.888E+03	19.77	2.889E+03	19.74	2.889E+03	19.74	19.74
4	1.926E+02	3.100E+03	2.470E+03	20.33	2.474E+03	20.18	2.474E+03	20.18	20.18
5	2.369E+02	1.600E+03	1.274E+03	20.37	1.276E+03	20.27	1.276E+03	20.27	20.27
6	2.770E+02	1.100E+03	7.730E+02	29.73	7.725E+02	29.77	7.725E+02	29.77	29.77

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
1	41	2	33ME1	2	4.83E+01	4.83E+01	4.83E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.823E+02	4.988E+03	2.942E+03	41.02	2.945E+03	40.96	2.945E+03	40.96	40.96
2	2.786E+02	1.674E+03	7.590E+02	54.66	7.584E+02	54.70	7.584E+02	54.70	54.70

IZ= 2

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
2	68	11	65LO1	2	2.15E+01	2.21E+01	2.52E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.333E+02	2.200E+05	1.662E+05	24.44	1.650E+05	25.00	1.583E+05	28.03	28.03
2	2.421E+02	4.000E+04	3.281E+04	17.97	3.248E+04	18.81	3.117E+04	22.09	22.09

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
2	73	9	64LU1	5	1.79E+01	1.82E+01	2.15E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.141E+02	3.098E+05	2.473E+05	20.19	2.458E+05	20.64	2.359E+05	23.85	23.85
2	1.512E+02	1.415E+05	1.195E+05	15.57	1.193E+05	15.69	1.145E+05	19.09	19.09
3	1.717E+02	1.002E+05	8.506E+04	15.11	8.459E+04	15.57	8.118E+04	18.98	18.98
4	1.927E+02	7.780E+04	6.219E+04	20.07	6.192E+04	20.41	5.942E+04	23.62	23.62
5	2.792E+02	2.636E+04	2.166E+04	17.82	2.163E+04	17.95	2.075E+04	21.27	21.27

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
2	74	12	72WA1	7	9.33E+00	9.41E+00	1.14E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.086E+02	3.140E+05	2.803E+05	10.73	2.791E+05	11.13	2.678E+05	14.72	14.72
2	1.245E+02	2.270E+05	1.981E+05	12.71	1.966E+05	13.41	1.886E+05	16.90	16.90
3	1.436E+02	1.533E+05	1.368E+05	10.79	1.363E+05	11.08	1.308E+05	14.67	14.67
4	1.549E+02	1.213E+05	1.121E+05	7.58	1.118E+05	7.87	1.072E+05	11.59	11.59



5	1.670E+02	9.080E+04	9.169E+04	-0.98	9.119E+04	-0.43	8.750E+04	3.63
6	1.963E+02	5.730E+04	5.905E+04	-3.06	5.890E+04	-2.79	5.652E+04	1.36
7	2.335E+02	3.240E+04	3.635E+04	-12.20	3.601E+04	-11.13	3.455E+04	-6.64

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
2	75	4	67HE1	4	1.05E+01	1.08E+01	1.38E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.089E+02	3.390E+05	2.783E+05	17.90	2.771E+05	18.26	2.659E+05	21.57	
2	1.472E+02	1.429E+05	1.281E+05	10.35	1.279E+05	10.47	1.228E+05	14.09	
3	1.826E+02	7.510E+04	7.198E+04	4.15	7.163E+04	4.63	6.873E+04	8.48	
4	2.780E+02	2.206E+04	2.195E+04	0.49	2.189E+04	0.75	2.101E+04	4.76	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
2	76	7	70DE1	7	2.70E+01	3.07E+01	2.83E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.510E+02	1.300E+05	1.199E+05	7.79	1.197E+05	7.90	1.149E+05	11.62	
2	1.717E+02	8.930E+04	8.506E+04	4.75	8.459E+04	5.27	8.118E+04	9.10	
3	1.834E+02	7.230E+04	7.116E+04	1.58	7.078E+04	2.10	6.792E+04	6.05	
4	1.926E+02	6.370E+04	6.228E+04	2.23	6.201E+04	2.65	5.950E+04	6.59	
5	2.369E+02	3.380E+04	3.490E+04	-3.24	3.455E+04	-2.23	3.316E+04	1.90	
6	2.770E+02	2.040E+04	2.219E+04	-8.79	2.212E+04	-8.43	2.123E+04	-4.05	
7	5.230E+02	1.800E+03	3.062E+03	-70.09	3.240E+03	-80.03	3.110E+03	-72.75	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
2	77	1	31DE1	1	7.26E+00	7.56E+00	1.13E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	2.393E+04	2.219E+04	7.26	2.212E+04	7.56	2.123E+04	11.30	

IZ= 3

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
3	83	39	62BA1	9	1.66E+01	1.76E+01	1.45E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.042E+02	1.150E+06	1.453E+06	-26.34	1.470E+06	-27.86	1.363E+06	-18.49	
2	1.052E+02	1.120E+06	1.415E+06	-26.35	1.436E+06	-28.18	1.331E+06	-18.80	
3	1.070E+02	1.130E+06	1.347E+06	-19.23	1.376E+06	-21.78	1.275E+06	-12.86	
4	1.245E+02	8.900E+05	9.511E+05	-6.86	9.424E+05	-5.89	8.734E+05	1.87	
5	1.274E+02	8.600E+05	9.000E+05	-4.65	8.897E+05	-3.46	8.245E+05	4.12	
6	1.284E+02	7.400E+05	8.835E+05	-19.39	8.725E+05	-17.91	8.086E+05	-9.27	
7	1.453E+02	6.900E+05	6.478E+05	6.11	6.406E+05	7.16	5.936E+05	13.97	
8	1.488E+02	6.700E+05	6.109E+05	8.82	6.036E+05	9.91	5.594E+05	16.51	
9	1.539E+02	6.500E+05	5.635E+05	13.30	5.530E+05	14.93	5.124E+05	21.17	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
3	84	1	68K01	1	2.80E+01	3.07E+01	3.58E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	1.650E+05	1.188E+05	27.99	1.143E+05	30.74	1.059E+05	35.83	

IZ= 4

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
-----	------	------	-----	------	-------	-------	--------

4	100	14	54J01	10	2.07E+02	6.20E+01	6.42E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.030E+02	3.590E+05	1.091E+05	69.62	1.086E+05	69.75	8.730E+04	75.68		
2	1.110E+02	2.390E+05	1.359E+06	-468.60	9.136E+04	61.77	7.343E+04	69.27		
3	1.120E+02	5.500E+05	2.624E+06	-377.02	8.948E+04	83.73	7.193E+04	86.92		
4	1.130E+02	8.200E+05	2.577E+06	-214.23	8.766E+04	89.31	7.046E+04	91.41		
5	1.160E+02	1.210E+06	2.440E+06	-101.61	8.251E+04	93.18	6.632E+04	94.52		
6	1.200E+02	1.675E+06	2.273E+06	-35.69	2.416E+06	-44.21	2.285E+06	-36.42		
7	1.220E+02	2.035E+06	2.196E+06	-7.90	2.327E+06	-14.33	2.201E+06	-8.15		
8	1.320E+02	2.035E+06	1.863E+06	8.47	1.946E+06	4.39	1.840E+06	9.56		
9	1.580E+02	1.840E+06	1.264E+06	31.29	1.293E+06	29.71	1.224E+06	33.50		
10	1.980E+02	1.705E+06	7.478E+05	56.14	7.745E+05	54.57	7.328E+05	57.02		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	101	20	64LU3	20	4.81E+02	1.08E+02	1.00E+02			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.020E+02	1.130E+05	1.114E+05	1.41	1.111E+05	1.69	8.930E+04	20.98		
2	1.100E+02	8.900E+04	9.429E+04	-5.94	9.329E+04	-4.82	7.499E+04	15.74		
3	1.120E+02	1.210E+05	2.624E+06	-2068.27	8.948E+04	26.05	7.193E+04	40.56		
4	1.130E+02	6.880E+05	2.577E+06	-274.52	8.766E+04	87.26	7.046E+04	89.76		
5	1.135E+02	8.900E+05	2.553E+06	-186.88	8.677E+04	90.25	6.975E+04	92.16		
6	1.150E+02	8.090E+05	2.483E+06	-206.90	8.418E+04	89.59	6.766E+04	91.64		
7	1.180E+02	9.300E+05	2.353E+06	-153.00	7.931E+04	91.47	6.375E+04	93.15		
8	1.200E+02	9.710E+05	2.273E+06	-134.07	2.416E+06	-148.76	2.285E+06	-135.32		
9	1.250E+02	9.710E+05	2.087E+06	-114.95	2.202E+06	-126.75	2.083E+06	-114.50		
10	1.280E+02	9.580E+05	1.986E+06	-107.34	2.086E+06	-117.78	1.974E+06	-106.01		
11	1.300E+02	8.490E+05	1.922E+06	-126.43	2.014E+06	-137.24	1.905E+06	-124.42		
12	1.330E+02	7.280E+05	1.833E+06	-151.76	1.913E+06	-162.71	1.809E+06	-148.52		
13	1.400E+02	7.080E+05	1.641E+06	-131.80	1.702E+06	-140.44	1.610E+06	-127.45		
14	1.500E+02	6.550E+05	1.418E+06	-116.56	1.456E+06	-122.22	1.377E+06	-110.22		
15	1.600E+02	6.470E+05	1.229E+06	-90.01	1.257E+06	-94.28	1.189E+06	-83.79		
16	1.650E+02	5.860E+05	1.146E+06	-95.57	1.172E+06	-100.01	1.109E+06	-89.23		
17	1.700E+02	4.930E+05	1.070E+06	-117.11	1.095E+06	-122.15	1.036E+06	-110.17		
18	1.800E+02	4.650E+05	9.435E+05	-102.90	9.618E+05	-106.84	9.100E+05	-95.69		
19	1.880E+02	4.040E+05	8.480E+05	-109.91	8.713E+05	-115.67	8.244E+05	-104.05		
20	1.940E+02	3.960E+05	7.841E+05	-98.00	8.113E+05	-104.86	7.676E+05	-93.83		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	102	33	70HA1	33	1.30E+02	5.16E+01	5.19E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.100E+02	2.910E+05	9.429E+04	67.60	9.329E+04	67.94	7.499E+04	74.23		
2	1.110E+02	2.910E+05	1.359E+06	-366.99	9.136E+04	68.60	7.343E+04	74.76		
3	1.120E+02	3.640E+05	2.624E+06	-620.77	8.948E+04	75.42	7.193E+04	80.24		
4	1.130E+02	1.130E+06	2.577E+06	-128.02	8.766E+04	92.24	7.046E+04	93.76		
5	1.135E+02	1.970E+06	2.553E+06	-29.60	8.677E+04	95.60	6.975E+04	96.46		
6	1.140E+02	1.920E+06	2.530E+06	-31.76	8.589E+04	95.53	6.904E+04	96.40		
7	1.150E+02	1.630E+06	2.483E+06	-52.32	8.418E+04	94.84	6.766E+04	95.85		
8	1.160E+02	1.580E+06	2.440E+06	-54.40	8.251E+04	94.78	6.632E+04	95.80		
9	1.170E+02	1.510E+06	2.396E+06	-58.69	8.089E+04	94.64	6.502E+04	95.69		
10	1.180E+02	1.880E+06	2.353E+06	-25.16	7.931E+04	95.78	6.375E+04	96.61		
11	1.190E+02	2.250E+06	2.313E+06	-2.79	2.462E+06	-9.41	2.329E+06	-3.50		
12	1.200E+02	2.300E+06	2.273E+06	1.18	2.416E+06	-5.02	2.285E+06	0.65		
13	1.210E+02	2.350E+06	2.233E+06	4.99	2.370E+06	-0.87	2.242E+06	4.58		



14	1.220E+02	2.390E+06	2.196E+06	8.13	2.327E+06	2.65	2.201E+06	7.91
15	1.230E+02	2.390E+06	2.159E+06	9.68	2.284E+06	4.44	2.160E+06	9.61
16	1.240E+02	2.470E+06	2.122E+06	14.11	2.242E+06	9.22	2.121E+06	14.13
17	1.250E+02	2.560E+06	2.087E+06	18.47	2.202E+06	14.00	2.083E+06	18.64
18	1.260E+02	2.630E+06	2.053E+06	21.95	2.162E+06	17.78	2.045E+06	22.23
19	1.270E+02	2.610E+06	2.018E+06	22.67	2.124E+06	18.63	2.009E+06	23.02
20	1.280E+02	2.410E+06	1.986E+06	17.58	2.086E+06	13.43	1.974E+06	18.11
21	1.300E+02	1.880E+06	1.922E+06	-2.25	2.014E+06	-7.14	1.905E+06	-1.35
22	1.320E+02	1.490E+06	1.863E+06	-25.01	1.946E+06	-30.57	1.840E+06	-23.52
23	1.340E+02	1.360E+06	1.804E+06	-32.66	1.880E+06	-38.26	1.779E+06	-30.79
24	1.360E+02	1.330E+06	1.747E+06	-31.34	1.818E+06	-36.70	1.720E+06	-29.32
25	1.380E+02	1.300E+06	1.694E+06	-30.31	1.759E+06	-35.29	1.664E+06	-27.99
26	1.400E+02	1.280E+06	1.641E+06	-28.22	1.702E+06	-32.99	1.610E+06	-25.81
27	1.420E+02	1.290E+06	1.592E+06	-23.44	1.648E+06	-27.78	1.559E+06	-20.88
28	1.440E+02	1.290E+06	1.545E+06	-19.79	1.597E+06	-23.79	1.511E+06	-17.10
29	1.500E+02	1.210E+06	1.418E+06	-17.23	1.456E+06	-20.29	1.377E+06	-13.80
30	1.550E+02	1.160E+06	1.321E+06	-13.90	1.351E+06	-16.47	1.278E+06	-10.18
31	1.600E+02	1.200E+06	1.229E+06	-2.45	1.257E+06	-4.75	1.189E+06	0.90
32	1.650E+02	1.050E+06	1.146E+06	-9.15	1.172E+06	-11.63	1.109E+06	-5.61
33	1.700E+02	9.140E+05	1.070E+06	-17.11	1.095E+06	-19.82	1.036E+06	-13.36

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	103	19	63PE1	19	1.58E+02	1.31E+02	1.21E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.122E+02	5.900E+05	2.614E+06	-343.09	8.912E+04	84.90	7.163E+04	87.86		
2	1.161E+02	7.100E+05	2.435E+06	-242.98	8.234E+04	88.40	6.619E+04	90.68		
3	1.183E+02	8.700E+05	2.341E+06	-169.07	7.886E+04	90.94	6.339E+04	92.71		
4	1.232E+02	8.300E+05	2.151E+06	-159.19	2.275E+04	-174.15	2.152E+06	-159.33		
5	1.245E+02	1.010E+06	2.104E+06	-108.35	2.222E+06	-119.99	2.102E+06	-108.10		
6	1.274E+02	9.400E+05	2.006E+06	-113.36	2.109E+06	-124.33	1.995E+06	-112.21		
7	1.283E+02	8.800E+05	1.977E+06	-124.63	2.075E+06	-135.83	1.963E+06	-123.09		
8	1.290E+02	8.900E+05	1.954E+06	-119.59	2.050E+06	-130.31	1.939E+06	-117.87		
9	1.355E+02	6.000E+05	1.761E+06	-193.53	1.833E+06	-205.56	1.734E+06	-189.05		
10	1.362E+02	6.600E+05	1.742E+06	-163.88	1.812E+06	-174.55	1.714E+06	-159.72		
11	1.367E+02	6.700E+05	1.728E+06	-157.97	1.797E+06	-168.21	1.700E+06	-153.73		
12	1.445E+02	6.400E+05	1.534E+06	-139.69	1.584E+06	-147.55	1.499E+06	-134.19		
13	1.453E+02	6.900E+05	1.516E+06	-119.70	1.565E+06	-126.75	1.480E+06	-114.51		
14	1.479E+02	6.900E+05	1.460E+06	-111.56	1.503E+06	-117.81	1.422E+06	-106.05		
15	1.488E+02	6.700E+05	1.442E+06	-115.24	1.482E+06	-121.24	1.402E+06	-109.30		
16	1.533E+02	6.500E+05	1.354E+06	-108.30	1.385E+06	-113.12	1.311E+06	-101.62		
17	1.538E+02	6.400E+05	1.344E+06	-110.03	1.375E+06	-114.86	1.301E+06	-103.26		
18	1.596E+02	6.100E+05	1.236E+06	-102.68	1.264E+06	-107.24	1.196E+06	-96.05		
19	1.734E+02	6.300E+05	1.024E+06	-62.59	1.047E+06	-66.19	9.906E+05	-57.23		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	104	8	64CO3	3	8.94E+00	9.42E+00	3.70E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.000E+02	1.571E+04	1.735E+04	-10.44	1.739E+04	-10.69	1.644E+04	-4.65		
2	8.820E+02	1.185E+04	1.301E+04	-9.77	1.307E+04	-10.32	1.236E+04	-4.30		
3	9.920E+02	8.662E+03	9.177E+03	-5.95	9.244E+03	-6.72	8.739E+03	-0.89		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
4	105	61	69SE1	17	8.41E+00	8.96E+00	3.10E+00



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.836E+02	1.193E+04	1.294E+04	-8.48	1.300E+04	-9.00	1.229E+04	-3.06
2	8.900E+02	1.142E+04	1.267E+04	-10.99	1.273E+04	-11.49	1.204E+04	-5.41
3	8.964E+02	1.136E+04	1.241E+04	-9.23	1.247E+04	-9.76	1.179E+04	-3.77
4	9.030E+02	1.112E+04	1.214E+04	-9.18	1.220E+04	-9.74	1.154E+04	-3.75
5	9.096E+02	1.098E+04	1.189E+04	-8.30	1.194E+04	-8.77	1.129E+04	-2.84
6	9.163E+02	1.062E+04	1.164E+04	-9.59	1.169E+04	-10.05	1.105E+04	-4.04
7	9.232E+02	1.049E+04	1.138E+04	-8.46	1.143E+04	-8.97	1.081E+04	-3.02
8	9.301E+02	1.033E+04	1.114E+04	-7.80	1.118E+04	-8.25	1.057E+04	-2.34
9	9.372E+02	1.012E+04	1.089E+04	-7.58	1.093E+04	-8.04	1.034E+04	-2.14
10	9.443E+02	9.880E+03	1.064E+04	-7.68	1.069E+04	-8.22	1.011E+04	-2.32
11	9.516E+02	9.640E+03	1.040E+04	-7.91	1.045E+04	-8.42	9.882E+03	-2.51
12	9.590E+02	9.430E+03	1.016E+04	-7.79	1.022E+04	-8.33	9.658E+03	-2.42
13	9.664E+02	9.250E+03	9.928E+03	-7.32	9.986E+03	-7.96	9.441E+03	-2.07
14	9.741E+02	9.070E+03	9.699E+03	-6.93	9.755E+03	-7.55	9.223E+03	-1.68
15	9.818E+02	8.750E+03	9.474E+03	-8.28	9.531E+03	-8.92	9.010E+03	-2.98
16	9.896E+02	8.560E+03	9.247E+03	-8.03	9.310E+03	-8.77	8.802E+03	-2.83
17	9.976E+02	8.320E+03	9.029E+03	-8.52	9.092E+03	-9.27	8.595E+03	-3.31

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	106	3	64OG1	1	3.91E+00	3.52E+00	8.78E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	9.320E+02	1.152E+04	1.107E+04	3.91	1.111E+04	3.52	1.051E+04	8.78		

IZ= 5

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
5	139	1	68K01	1	1.22E+01	1.34E+01	8.41E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.770E+02	5.920E+05	6.643E+05	-12.22	6.710E+05	-13.35	6.418E+05	-8.41		

IZ= 6

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	265	16	68F01	12	2.08E+01	1.69E+01	2.61E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	4.090E+05	3.558E+05	13.00	4.105E+05	-0.36	3.299E+05	19.34		
2	1.328E+02	3.330E+05	2.585E+05	22.36	2.939E+05	11.74	2.372E+05	28.78		
3	1.511E+02	2.470E+05	1.957E+05	20.79	2.222E+05	10.03	1.799E+05	27.18		
4	1.717E+02	2.050E+05	1.471E+05	28.24	1.656E+05	19.24	1.343E+05	34.46		
5	1.833E+02	1.590E+05	1.267E+05	20.34	1.426E+05	10.33	1.158E+05	27.14		
6	2.122E+02	1.150E+05	8.978E+04	21.93	1.015E+05	11.74	8.268E+04	28.11		
7	2.770E+02	5.600E+04	4.688E+04	16.28	5.393E+04	3.70	4.409E+04	21.27		
8	3.027E+02	1.560E+06	9.659E+05	38.09	8.830E+05	43.40	8.504E+05	45.48		
9	3.953E+02	5.780E+05	4.992E+05	13.64	4.978E+05	13.87	4.798E+05	17.00		
10	4.522E+02	3.910E+05	3.583E+05	8.37	3.598E+05	7.98	3.468E+05	11.30		
11	5.249E+02	2.770E+05	2.470E+05	10.84	2.483E+05	10.36	2.394E+05	13.58		
12	7.050E+02	1.390E+05	1.153E+05	17.06	1.146E+05	17.54	1.105E+05	20.51		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
6	266	11	67HE1	9	2.87E+00	8.39E+00	7.10E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.089E+02	4.244E+05	3.912E+05	7.83	4.542E+05	-7.02	3.646E+05	14.09
2	1.472E+02	2.072E+05	2.070E+05	0.12	2.354E+05	-13.59	1.904E+05	8.12
3	1.826E+02	1.306E+05	1.277E+05	2.19	1.438E+05	-10.13	1.169E+05	10.53
4	2.780E+02	4.569E+04	4.648E+04	-1.73	5.347E+04	-17.03	4.372E+04	4.32
5	3.914E+02	5.066E+05	5.118E+05	-1.03	5.085E+05	-0.38	4.901E+05	3.26
6	5.260E+02	2.413E+05	2.456E+05	-1.80	2.470E+05	-2.35	2.381E+05	1.34
7	6.768E+02	1.276E+05	1.271E+05	0.36	1.277E+05	-0.11	1.231E+05	3.49
8	7.744E+02	8.915E+04	8.937E+04	-0.24	8.891E+04	0.27	8.571E+04	3.85
9	9.287E+02	5.465E+04	5.430E+04	0.64	5.410E+04	1.00	5.215E+04	4.57

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
6	267	6	7ODE2	6	1.51E+01	3.04E+01	7.20E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.510E+02	1.680E+05	1.959E+05	-16.63	2.226E+05	-32.49	1.801E+05	-7.23
2	1.717E+02	1.310E+05	1.471E+05	-12.29	1.656E+05	-26.38	1.343E+05	-2.56
3	1.834E+02	1.110E+05	1.265E+05	-13.97	1.424E+05	-28.29	1.157E+05	-4.24
4	1.926E+02	1.025E+05	1.131E+05	-10.34	1.274E+05	-24.28	1.036E+05	-1.07
5	2.369E+02	6.080E+04	6.864E+04	-12.90	7.809E+04	-28.43	6.371E+04	-4.78
6	2.770E+02	3.850E+04	4.688E+04	-21.78	5.393E+04	-40.07	4.409E+04	-14.51

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
6	268	7	7ODE1	7	8.84E+00	2.21E+01	3.59E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.510E+02	1.760E+05	1.959E+05	-11.33	2.226E+05	-26.46	1.801E+05	-2.35
2	1.717E+02	1.360E+05	1.471E+05	-8.16	1.656E+05	-21.73	1.343E+05	1.21
3	1.834E+02	1.210E+05	1.265E+05	-4.55	1.424E+05	-17.68	1.157E+05	4.38
4	1.926E+02	1.050E+05	1.131E+05	-7.71	1.274E+05	-21.32	1.036E+05	1.34
5	2.369E+02	6.440E+04	6.864E+04	-6.59	7.809E+04	-21.25	6.371E+04	1.08
6	2.770E+02	4.090E+04	4.688E+04	-14.63	5.393E+04	-31.85	4.409E+04	-7.79
7	5.230E+02	2.400E+05	2.492E+05	-3.85	2.507E+05	-4.44	2.416E+05	-0.68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
6	269	8	68WE1	6	5.63E+00	6.51E+00	7.52E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.820E+02	1.315E+05	1.287E+05	2.15	1.449E+05	-10.20	1.177E+05	10.48
2	2.770E+02	5.056E+04	4.688E+04	7.27	5.393E+04	-6.66	4.409E+04	12.80
3	3.870E+02	4.747E+05	5.261E+05	-10.83	5.210E+05	-9.75	5.021E+05	-5.77
4	5.170E+02	2.591E+05	2.564E+05	1.03	2.583E+05	0.33	2.490E+05	3.92
5	7.040E+02	1.115E+05	1.157E+05	-3.76	1.151E+05	-3.19	1.109E+05	0.52
6	9.250E+02	5.497E+04	5.489E+04	0.15	5.470E+04	0.48	5.273E+04	4.07

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
6	270	4	33ME1	2	3.44E+01	5.30E+01	2.49E+01

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.823E+02	9.724E+04	1.282E+05	-31.85	1.444E+05	-48.46	1.173E+05	-20.62
2	2.770E+02	3.430E+04	4.688E+04	-36.69	5.393E+04	-57.22	4.409E+04	-28.54

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
6	271	1	65DU1	1	2.21E+00	1.76E+01	3.89E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	4.587E+04	4.688E+04	-2.21	5.393E+04	-17.56	4.409E+04	3.89



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	272	3	28KU1	1	1.16E+01	2.84E+01	4.97E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	4.200E+04	4.688E+04	-11.63	5.393E+04	-28.40	4.409E+04	-4.97		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	273	1	31DE1	1	6.56E+00	2.26E+01	2.00E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	4.400E+04	4.688E+04	-6.56	5.393E+04	-22.56	4.409E+04	-0.20		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	274	4	64OG1	2	3.32E+00	1.21E+01	3.31E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.790E+02	4.547E+04	4.607E+04	-1.33	5.302E+04	-16.60	4.335E+04	4.66		
2	9.320E+02	5.146E+04	5.378E+04	-4.51	5.357E+04	-4.10	5.164E+04	-0.35		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	275	13	66BE1	2	7.52E+00	7.08E+00	3.27E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.520E+02	6.360E+04	6.885E+04	-8.26	6.856E+04	-7.79	6.609E+04	-3.91		
2	9.300E+02	5.070E+04	5.410E+04	-6.70	5.389E+04	-6.30	5.195E+04	-2.47		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	276	61	69SE1	17	7.98E+00	7.59E+00	3.80E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.836E+02	5.680E+04	6.229E+04	-9.66	6.206E+04	-9.27	5.983E+04	-5.33		
2	8.900E+02	5.600E+04	6.108E+04	-9.06	6.085E+04	-8.66	5.866E+04	-4.75		
3	8.964E+02	5.480E+04	5.987E+04	-9.25	5.967E+04	-8.89	5.752E+04	-4.97		
4	9.030E+02	5.400E+04	5.865E+04	-8.62	5.848E+04	-8.30	5.638E+04	-4.40		
5	9.096E+02	5.290E+04	5.752E+04	-8.72	5.731E+04	-8.34	5.525E+04	-4.44		
6	9.163E+02	5.230E+04	5.636E+04	-7.76	5.616E+04	-7.37	5.413E+04	-3.51		
7	9.232E+02	5.030E+04	5.517E+04	-9.69	5.500E+04	-9.34	5.302E+04	-5.41		
8	9.301E+02	5.010E+04	5.408E+04	-7.95	5.388E+04	-7.54	5.194E+04	-3.66		
9	9.372E+02	4.930E+04	5.296E+04	-7.42	5.275E+04	-7.00	5.085E+04	-3.15		
10	9.443E+02	4.860E+04	5.183E+04	-6.65	5.166E+04	-6.29	4.980E+04	-2.47		
11	9.516E+02	4.740E+04	5.076E+04	-7.10	5.057E+04	-6.68	4.875E+04	-2.84		
12	9.590E+02	4.690E+04	4.969E+04	-5.95	4.949E+04	-5.53	4.771E+04	-1.73		
13	9.664E+02	4.570E+04	4.862E+04	-6.39	4.845E+04	-6.01	4.670E+04	-2.19		
14	9.741E+02	4.460E+04	4.758E+04	-6.68	4.739E+04	-6.26	4.569E+04	-2.43		
15	9.818E+02	4.340E+04	4.656E+04	-7.28	4.637E+04	-6.84	4.470E+04	-2.99		
16	9.896E+02	4.250E+04	4.553E+04	-7.12	4.536E+04	-6.74	4.373E+04	-2.89		
17	9.976E+02	4.090E+04	4.453E+04	-8.88	4.436E+04	-8.46	4.276E+04	-4.55		

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
7	363	31	78CO1	11	2.36E+01	2.28E+01	6.87E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.240E+02	5.550E+05	6.322E+05	-13.91	6.249E+05	-12.59	5.083E+05	8.41		
2	1.305E+02	4.900E+05	5.653E+05	-15.36	5.585E+05	-13.99	4.552E+05	7.11		
3	1.380E+02	4.250E+05	4.986E+05	-17.31	4.945E+05	-16.35	4.037E+05	5.01		
4	1.460E+02	3.750E+05	4.390E+05	-17.05	4.378E+05	-16.73	3.581E+05	4.51		

5	1.550E+02	3.200E+05	3.835E+05	-19.85	3.825E+05	-19.54	3.135E+05	2.02
6	1.650E+02	2.750E+05	3.325E+05	-20.93	3.307E+05	-20.27	2.716E+05	1.23
7	1.770E+02	2.300E+05	2.828E+05	-22.96	2.813E+05	-22.28	2.315E+05	-0.64
8	1.910E+02	1.930E+05	2.371E+05	-22.87	2.363E+05	-22.44	1.949E+05	-1.00
9	2.070E+02	1.600E+05	1.965E+05	-22.84	1.958E+05	-22.39	1.619E+05	-1.20
10	2.250E+02	1.240E+05	1.614E+05	-30.20	1.602E+05	-29.18	1.327E+05	-7.05
11	2.480E+02	9.000E+04	1.281E+05	-42.34	1.269E+05	-41.05	1.054E+05	-17.17

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
7	364	12	75DA1	3	1.96E+01	2.01E+01	3.20E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.116E+02	7.800E+05	7.965E+05	-2.12	7.897E+05	-1.24	6.401E+05	17.93		
2	1.188E+02	7.350E+05	6.947E+05	5.48	6.870E+05	6.53	5.581E+05	24.07		
3	1.240E+02	9.500E+05	6.322E+05	33.45	6.249E+05	34.22	5.083E+05	46.49		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
7	365	8	71DE3	3	2.94E+01	2.83E+01	1.84E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.116E+02	7.500E+05	7.965E+05	-6.20	7.897E+05	-5.29	6.401E+05	14.65		
2	1.178E+02	7.000E+05	7.075E+05	-1.07	7.000E+05	0.00	5.685E+05	18.79		
3	1.240E+02	4.200E+05	6.322E+05	-50.53	6.249E+05	-48.78	5.083E+05	-21.03		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
7	366	10	20HO1	10	5.92E+01	5.94E+01	6.65E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.200E+02	1.670E+06	6.796E+05	59.30	6.719E+05	59.77	5.459E+05	67.31		
2	1.400E+02	1.360E+06	4.823E+05	64.54	4.793E+05	64.76	3.915E+05	71.21		
3	1.600E+02	9.300E+05	3.570E+05	61.62	3.552E+05	61.80	2.914E+05	68.66		
4	1.800E+02	6.900E+05	2.721E+05	60.57	2.706E+05	60.78	2.228E+05	67.71		
5	2.000E+02	6.000E+05	2.130E+05	64.50	2.128E+05	64.53	1.758E+05	70.70		
6	2.200E+02	4.300E+05	1.702E+05	60.41	1.691E+05	60.68	1.400E+05	67.44		
7	2.400E+02	3.200E+05	1.385E+05	56.71	1.373E+05	57.11	1.139E+05	64.40		
8	2.600E+02	2.600E+05	1.144E+05	56.00	1.135E+05	56.36	9.437E+04	63.71		
9	2.800E+02	2.000E+05	9.576E+04	52.12	9.525E+04	52.38	7.935E+04	60.32		
10	3.000E+02	1.800E+05	8.107E+04	54.96	8.100E+04	55.00	6.759E+04	62.45		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
7	367	11	67HE1	9	5.34E+00	5.13E+00	1.03E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	8.490E+05	8.408E+05	0.97	8.343E+05	1.73	6.757E+05	20.41		
2	1.472E+02	3.950E+05	4.307E+05	-9.05	4.301E+05	-8.89	3.519E+05	10.90		
3	1.826E+02	2.390E+05	2.632E+05	-10.12	2.619E+05	-9.57	2.157E+05	9.74		
4	2.780E+02	9.160E+04	9.744E+04	-6.38	9.687E+04	-5.75	8.069E+04	11.91		
5	3.914E+02	4.020E+04	4.241E+04	-5.50	4.234E+04	-5.32	3.551E+04	11.66		
6	5.260E+02	4.000E+05	4.007E+05	-0.18	3.991E+05	0.23	3.867E+05	3.33		
7	6.768E+02	2.120E+05	2.134E+05	-0.64	2.143E+05	-1.08	2.077E+05	2.02		
8	7.749E+02	1.523E+05	1.518E+05	0.36	1.514E+05	0.56	1.468E+05	3.61		
9	9.287E+02	9.400E+04	9.382E+04	0.20	9.393E+04	0.07	9.106E+04	3.13		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
7	368	7	70DE1	7	9.21E+00	8.69E+00	9.15E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.510E+02	3.710E+05	4.068E+05	-9.66	4.067E+05	-9.61	3.330E+05	10.24		



2	1.717E+02	2.820E+05	3.034E+05	-7.59	3.016E+05	-6.97	2.480E+05	12.05
3	1.834E+02	2.340E+05	2.606E+05	-11.37	2.593E+05	-10.79	2.136E+05	8.72
4	1.926E+02	2.130E+05	2.327E+05	-9.24	2.319E+05	-8.86	1.913E+05	10.18
5	2.369E+02	1.290E+05	1.429E+05	-10.75	1.416E+05	-9.76	1.175E+05	8.93
6	2.770E+02	8.900E+04	9.828E+04	-10.43	9.769E+04	-9.77	8.137E+04	8.57
7	5.230E+02	3.990E+05	4.064E+05	-1.85	4.046E+05	-1.41	3.920E+05	1.74

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	369	2	33ME1	2	7.66E+00	7.10E+00	1.21E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.823E+02	2.535E+05	2.641E+05	-4.20	2.628E+05	-3.69	2.165E+05	14.58	
2	2.786E+02	8.814E+04	9.694E+04	-9.98	9.638E+04	-9.35	8.028E+04	8.91	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	370	1	31DE1	1	9.76E+00	9.11E+00	9.12E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	8.954E+04	9.828E+04	-9.76	9.769E+04	-9.11	8.137E+04	9.12	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	371	1	28KU1	1	1.17E+01	1.10E+01	7.53E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	8.800E+04	9.828E+04	-11.68	9.769E+04	-11.02	8.137E+04	7.53	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	372	13	66BE1	2	8.32E+00	8.19E+00	1.08E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.520E+02	1.230E+05	1.178E+05	4.24	1.181E+05	3.97	1.145E+05	6.91	
2	9.300E+02	1.050E+05	9.347E+04	10.98	9.358E+04	10.88	9.072E+04	13.60	

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	387	21	55AB1	1	1.39E+03	1.39E+03	1.12E+03		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.107E+02	9.300E+04	1.387E+06	-1391.17	1.386E+06	-1389.97	1.133E+06	-1118.43	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	390	59	77SA1	2	1.48E+00	1.44E+00	1.75E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.033E+02	1.620E+06	1.620E+06	-0.02	1.618E+06	0.11	1.320E+06	18.50	
2	1.127E+02	1.305E+06	1.332E+06	-2.09	1.331E+06	-2.03	1.089E+06	16.52	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	394	29	78ME1	7	2.03E+00	3.52E+00	1.57E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.030E+02	1.650E+06	1.631E+06	1.15	1.629E+06	1.29	1.329E+06	19.47	
2	1.130E+02	1.310E+06	1.324E+06	-1.11	1.324E+06	-1.04	1.083E+06	17.32	
3	1.240E+02	1.065E+06	1.074E+06	-0.86	1.078E+06	-1.22	8.849E+05	16.91	
4	1.380E+02	8.400E+05	8.443E+05	-0.51	8.539E+05	-1.66	7.036E+05	16.24	
5	1.550E+02	6.450E+05	6.497E+05	-0.73	6.610E+05	-2.48	5.469E+05	15.21	
6	1.770E+02	4.550E+05	4.753E+05	-4.46	4.854E+05	-6.68	4.034E+05	11.35	
7	2.070E+02	3.200E+05	3.270E+05	-2.20	3.372E+05	-5.39	2.817E+05	11.96	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	395	31	78CO1	11	1.01E+01	1.24E+01	7.46E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.240E+02	9.750E+05	1.074E+06	-10.17	1.078E+06	-10.56	8.849E+05	9.24		
2	1.305E+02	8.750E+05	9.578E+05	-9.46	9.640E+05	-10.17	7.927E+05	9.40		
3	1.380E+02	7.800E+05	8.443E+05	-8.24	8.539E+05	-9.48	7.036E+05	9.79		
4	1.460E+02	6.900E+05	7.425E+05	-7.61	7.565E+05	-9.63	6.245E+05	9.49		
5	1.550E+02	6.000E+05	6.497E+05	-8.29	6.610E+05	-10.17	5.469E+05	8.86		
6	1.650E+02	5.100E+05	5.598E+05	-9.76	5.712E+05	-11.99	4.735E+05	7.16		
7	1.770E+02	4.260E+05	4.753E+05	-11.58	4.854E+05	-13.94	4.034E+05	5.32		
8	1.910E+02	3.560E+05	3.949E+05	-10.92	4.075E+05	-14.48	3.395E+05	4.62		
9	2.070E+02	2.950E+05	3.270E+05	-10.86	3.372E+05	-14.32	2.817E+05	4.50		
10	2.250E+02	2.330E+05	2.675E+05	-14.81	2.752E+05	-18.12	2.305E+05	1.06		
11	2.480E+02	1.970E+05	2.107E+05	-6.94	2.176E+05	-10.47	1.829E+05	7.17		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	396	12	75DA1	3	1.27E+01	1.28E+01	8.41E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.116E+02	1.175E+06	1.362E+06	-15.89	1.361E+06	-15.82	1.113E+06	5.26		
2	1.188E+02	1.100E+06	1.183E+06	-7.57	1.185E+06	-7.69	9.710E+05	11.73		
3	1.240E+02	9.500E+05	1.074E+06	-13.07	1.078E+06	-13.47	8.849E+05	6.85		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	397	8	71DE3	3	1.47E+01	1.49E+01	7.23E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.116E+02	1.200E+06	1.362E+06	-13.47	1.361E+06	-13.41	1.113E+06	7.24		
2	1.178E+02	1.100E+06	1.206E+06	-9.61	1.207E+06	-9.72	9.890E+05	10.09		
3	1.240E+02	9.000E+05	1.074E+06	-19.35	1.078E+06	-19.77	8.849E+05	1.68		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	398	11	67HE1	9	6.15E+00	4.84E+00	1.39E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	1.488E+06	1.439E+06	3.26	1.437E+06	3.40	1.175E+06	21.05		
2	1.472E+02	7.040E+05	7.286E+05	-3.50	7.433E+05	-5.58	6.139E+05	12.80		
3	1.826E+02	4.380E+05	4.427E+05	-1.07	4.518E+05	-3.15	3.758E+05	14.19		
4	2.780E+02	1.660E+05	1.592E+05	4.12	1.658E+05	0.12	1.398E+05	15.75		
5	3.914E+02	6.770E+04	6.755E+04	0.22	7.196E+04	-6.29	6.128E+04	9.48		
6	5.260E+02	3.830E+04	3.172E+04	17.18	3.435E+04	10.31	2.947E+04	23.05		
7	6.768E+02	3.350E+05	3.296E+05	1.61	3.236E+05	3.41	3.147E+05	6.05		
8	7.749E+02	2.350E+05	2.368E+05	-0.77	2.329E+05	0.89	2.266E+05	3.57		
9	9.287E+02	1.477E+05	1.491E+05	-0.96	1.474E+05	0.17	1.435E+05	2.84		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	399	7	70DE1	7	3.58E+00	1.87E+00	1.57E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.510E+02	6.990E+05	6.898E+05	1.31	7.029E+05	-0.56	5.810E+05	16.88		
2	1.717E+02	5.200E+05	5.095E+05	2.01	5.207E+05	-0.14	4.323E+05	16.87		
3	1.834E+02	4.520E+05	4.380E+05	3.10	4.473E+05	1.05	3.721E+05	17.67		
4	1.926E+02	3.940E+05	3.873E+05	1.71	3.999E+05	-1.49	3.332E+05	15.42		
5	2.369E+02	2.420E+05	2.357E+05	2.61	2.430E+05	-0.40	2.039E+05	15.76		
6	2.770E+02	1.600E+05	1.606E+05	-0.36	1.672E+05	-4.51	1.410E+05	11.86		
7	5.230E+02	3.500E+04	3.219E+04	8.02	3.485E+04	0.42	2.990E+04	14.58		



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	400	2	33ME1	2	4.40E+00	7.86E+00	1.03E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.823E+02	4.317E+05	4.444E+05	-2.95	4.535E+05	-5.05	3.772E+05	12.62		
2	2.786E+02	1.501E+05	1.583E+05	-5.47	1.650E+05	-9.90	1.391E+05	7.30		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	401	1	28KU1	1	1.63E+00	5.84E+00	1.07E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.580E+05	1.606E+05	-1.63	1.672E+05	-5.84	1.410E+05	10.74		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	402	1	31DE1	1	4.82E+00	9.15E+00	7.94E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.532E+05	1.606E+05	-4.82	1.672E+05	-9.15	1.410E+05	7.94		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	403	4	64OG1	2	3.17E+00	2.67E+00	9.68E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.634E+05	1.606E+05	1.72	1.672E+05	-2.34	1.410E+05	13.69		
2	9.320E+02	1.419E+05	1.478E+05	-4.14	1.461E+05	-2.97	1.422E+05	-0.21		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	404	161	76B01	97	6.45E+00	4.99E+00	3.22E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.634E+02	4.970E+05	5.188E+05	-4.39	4.809E+05	3.24	4.674E+05	5.96		
2	5.660E+02	4.930E+05	5.129E+05	-4.03	4.774E+05	3.16	4.640E+05	5.88		
3	5.686E+02	4.890E+05	5.069E+05	-3.66	4.740E+05	3.07	4.607E+05	5.78		
4	5.712E+02	4.850E+05	5.014E+05	-3.39	4.706E+05	2.96	4.575E+05	5.68		
5	5.739E+02	4.780E+05	4.959E+05	-3.74	4.672E+05	2.27	4.541E+05	5.00		
6	5.765E+02	4.730E+05	4.905E+05	-3.70	4.639E+05	1.93	4.509E+05	4.67		
7	5.792E+02	4.690E+05	4.849E+05	-3.40	4.605E+05	1.82	4.476E+05	4.55		
8	5.820E+02	4.630E+05	4.792E+05	-3.49	4.570E+05	1.29	4.443E+05	4.04		
9	5.847E+02	4.590E+05	4.739E+05	-3.25	4.537E+05	1.15	4.411E+05	3.90		
10	5.875E+02	4.530E+05	4.686E+05	-3.45	4.503E+05	0.59	4.378E+05	3.35		
11	5.903E+02	4.490E+05	4.633E+05	-3.19	4.470E+05	0.45	4.346E+05	3.20		
12	5.931E+02	4.450E+05	4.580E+05	-2.93	4.437E+05	0.29	4.314E+05	3.05		
13	5.959E+02	4.400E+05	4.528E+05	-2.90	4.404E+05	-0.10	4.283E+05	2.67		
14	5.988E+02	4.340E+05	4.476E+05	-3.12	4.371E+05	-0.72	4.250E+05	2.06		
15	6.017E+02	4.290E+05	4.425E+05	-3.15	4.327E+05	-0.86	4.208E+05	1.92		
16	6.047E+02	4.220E+05	4.373E+05	-3.63	4.274E+05	-1.29	4.156E+05	1.51		
17	6.076E+02	4.180E+05	4.323E+05	-3.41	4.224E+05	-1.05	4.108E+05	1.73		
18	6.106E+02	4.130E+05	4.271E+05	-3.40	4.173E+05	-1.04	4.058E+05	1.74		
19	6.136E+02	4.090E+05	4.221E+05	-3.20	4.123E+05	-0.80	4.009E+05	1.98		
20	6.167E+02	4.030E+05	4.171E+05	-3.50	4.072E+05	-1.03	3.960E+05	1.75		
21	6.198E+02	3.980E+05	4.122E+05	-3.56	4.021E+05	-1.04	3.911E+05	1.74		
22	6.229E+02	3.930E+05	4.072E+05	-3.61	3.972E+05	-1.07	3.863E+05	1.71		
23	6.260E+02	3.860E+05	4.022E+05	-4.21	3.924E+05	-1.65	3.816E+05	1.14		
24	6.292E+02	3.810E+05	3.973E+05	-4.28	3.875E+05	-1.70	3.768E+05	1.10		
25	6.324E+02	3.750E+05	3.925E+05	-4.66	3.826E+05	-2.04	3.721E+05	0.77		
26	6.357E+02	3.680E+05	3.875E+05	-5.29	3.777E+05	-2.65	3.674E+05	0.17		
27	6.389E+02	3.640E+05	3.826E+05	-5.12	3.731E+05	-2.50	3.628E+05	0.32		

28	6.423E+02	3.580E+05	3.775E+05	-5.45	3.682E+05	-2.86	3.581E+05	-0.03
29	6.456E+02	3.530E+05	3.726E+05	-5.56	3.636E+05	-3.00	3.536E+05	-0.18
30	6.480E+02	3.480E+05	3.691E+05	-6.06	3.603E+05	-3.53	3.504E+05	-0.69
31	6.524E+02	3.450E+05	3.626E+05	-5.10	3.543E+05	-2.70	3.446E+05	0.12
32	6.559E+02	3.400E+05	3.574E+05	-5.12	3.497E+05	-2.84	3.401E+05	-0.02
33	6.593E+02	3.360E+05	3.526E+05	-4.93	3.452E+05	-2.74	3.358E+05	0.07
34	6.629E+02	3.310E+05	3.477E+05	-5.04	3.406E+05	-2.90	3.313E+05	-0.08
35	6.664E+02	3.260E+05	3.430E+05	-5.20	3.362E+05	-3.13	3.270E+05	-0.30
36	6.700E+02	3.210E+05	3.381E+05	-5.33	3.318E+05	-3.35	3.227E+05	-0.52
37	6.737E+02	3.160E+05	3.331E+05	-5.41	3.273E+05	-3.57	3.183E+05	-0.73
38	6.774E+02	3.120E+05	3.289E+05	-5.43	3.229E+05	-3.48	3.140E+05	-0.65
39	6.811E+02	3.080E+05	3.249E+05	-5.48	3.186E+05	-3.43	3.098E+05	-0.60
40	6.848E+02	3.030E+05	3.208E+05	-5.87	3.143E+05	-3.74	3.057E+05	-0.90
41	6.886E+02	2.980E+05	3.166E+05	-6.24	3.101E+05	-4.05	3.016E+05	-1.20
42	6.925E+02	2.920E+05	3.126E+05	-7.04	3.058E+05	-4.71	2.974E+05	-1.85
43	6.964E+02	2.870E+05	3.086E+05	-7.54	3.015E+05	-5.07	2.933E+05	-2.20
44	7.003E+02	2.830E+05	3.047E+05	-7.68	2.974E+05	-5.10	2.893E+05	-2.23
45	7.043E+02	2.790E+05	3.007E+05	-7.79	2.934E+05	-5.15	2.854E+05	-2.28
46	7.083E+02	2.760E+05	2.967E+05	-7.50	2.894E+05	-4.85	2.815E+05	-1.99
47	7.124E+02	2.710E+05	2.926E+05	-7.95	2.854E+05	-5.30	2.776E+05	-2.43
48	7.165E+02	2.680E+05	2.884E+05	-7.61	2.814E+05	-5.01	2.738E+05	-2.15
49	7.207E+02	2.640E+05	2.842E+05	-7.63	2.775E+05	-5.11	2.699E+05	-2.25
50	7.249E+02	2.600E+05	2.799E+05	-7.65	2.736E+05	-5.24	2.662E+05	-2.38
51	7.292E+02	2.580E+05	2.759E+05	-6.94	2.697E+05	-4.55	2.624E+05	-1.71
52	7.335E+02	2.540E+05	2.719E+05	-7.05	2.659E+05	-4.70	2.587E+05	-1.86
53	7.378E+02	2.500E+05	2.679E+05	-7.16	2.622E+05	-4.89	2.551E+05	-2.04
54	7.423E+02	2.470E+05	2.637E+05	-6.78	2.584E+05	-4.61	2.514E+05	-1.77
55	7.467E+02	2.430E+05	2.600E+05	-6.99	2.547E+05	-4.83	2.478E+05	-1.98
56	7.512E+02	2.390E+05	2.561E+05	-7.16	2.511E+05	-5.05	2.442E+05	-2.20
57	7.558E+02	2.360E+05	2.522E+05	-6.86	2.474E+05	-4.83	2.407E+05	-1.98
58	7.605E+02	2.320E+05	2.482E+05	-6.98	2.437E+05	-5.05	2.371E+05	-2.20
59	7.652E+02	2.300E+05	2.445E+05	-6.30	2.401E+05	-4.40	2.336E+05	-1.57
60	7.699E+02	2.260E+05	2.408E+05	-6.53	2.366E+05	-4.69	2.302E+05	-1.85
61	7.747E+02	2.230E+05	2.370E+05	-6.26	2.331E+05	-4.51	2.268E+05	-1.68
62	7.796E+02	2.190E+05	2.331E+05	-6.44	2.295E+05	-4.81	2.233E+05	-1.98
63	7.845E+02	2.150E+05	2.294E+05	-6.71	2.261E+05	-5.16	2.200E+05	-2.32
64	7.895E+02	2.110E+05	2.256E+05	-6.94	2.227E+05	-5.52	2.166E+05	-2.67
65	7.946E+02	2.070E+05	2.218E+05	-7.15	2.192E+05	-5.90	2.133E+05	-3.04
66	7.997E+02	2.050E+05	2.181E+05	-6.37	2.159E+05	-5.30	2.100E+05	-2.46
67	8.049E+02	2.010E+05	2.145E+05	-6.71	2.123E+05	-5.64	2.066E+05	-2.79
68	8.102E+02	1.990E+05	2.108E+05	-5.94	2.088E+05	-4.94	2.032E+05	-2.11
69	8.155E+02	1.940E+05	2.072E+05	-6.79	2.054E+05	-5.87	1.999E+05	-3.02
70	8.209E+02	1.980E+05	2.036E+05	-2.83	2.020E+05	-2.01	1.965E+05	0.74
71	8.264E+02	1.890E+05	2.001E+05	-5.89	1.986E+05	-5.07	1.932E+05	-2.24
72	8.319E+02	1.850E+05	1.967E+05	-6.31	1.953E+05	-5.54	1.900E+05	-2.70
73	8.375E+02	1.820E+05	1.931E+05	-6.12	1.920E+05	-5.47	1.868E+05	-2.63
74	8.432E+02	1.780E+05	1.899E+05	-6.66	1.887E+05	-6.00	1.836E+05	-3.14
75	8.490E+02	1.750E+05	1.866E+05	-6.61	1.854E+05	-5.95	1.804E+05	-3.10
76	8.549E+02	1.730E+05	1.832E+05	-5.90	1.822E+05	-5.31	1.773E+05	-2.47
77	8.608E+02	1.690E+05	1.800E+05	-6.53	1.790E+05	-5.93	1.742E+05	-3.08
78	8.668E+02	1.650E+05	1.770E+05	-7.29	1.759E+05	-6.60	1.712E+05	-3.73
79	8.729E+02	1.620E+05	1.740E+05	-7.39	1.728E+05	-6.65	1.681E+05	-3.79
80	8.791E+02	1.590E+05	1.709E+05	-7.46	1.697E+05	-6.73	1.651E+05	-3.86



81	8.854E+02	1.570E+05	1.680E+05	-6.98	1.666E+05	-6.14	1.622E+05	-3.29
82	8.918E+02	1.530E+05	1.650E+05	-7.85	1.636E+05	-6.94	1.592E+05	-4.07
83	8.982E+02	1.500E+05	1.621E+05	-8.04	1.607E+05	-7.12	1.564E+05	-4.24
84	9.048E+02	1.460E+05	1.592E+05	-9.01	1.577E+05	-8.00	1.535E+05	-5.11
85	9.114E+02	1.430E+05	1.564E+05	-9.35	1.548E+05	-8.23	1.506E+05	-5.32
86	9.182E+02	1.400E+05	1.535E+05	-9.63	1.518E+05	-8.45	1.478E+05	-5.54
87	9.250E+02	1.370E+05	1.506E+05	-9.95	1.490E+05	-8.74	1.450E+05	-5.83
88	9.320E+02	1.340E+05	1.478E+05	-10.28	1.461E+05	-9.04	1.422E+05	-6.12
89	9.391E+02	1.330E+05	1.449E+05	-8.93	1.433E+05	-7.73	1.394E+05	-4.85
90	9.462E+02	1.300E+05	1.420E+05	-9.23	1.405E+05	-8.10	1.368E+05	-5.21
91	9.535E+02	1.280E+05	1.392E+05	-8.76	1.378E+05	-7.64	1.341E+05	-4.76
92	9.609E+02	1.250E+05	1.364E+05	-9.10	1.351E+05	-8.05	1.315E+05	-5.16
93	9.684E+02	1.220E+05	1.335E+05	-9.44	1.324E+05	-8.51	1.288E+05	-5.61
94	9.760E+02	1.200E+05	1.309E+05	-9.05	1.297E+05	-8.12	1.263E+05	-5.24
95	9.838E+02	1.170E+05	1.281E+05	-9.51	1.271E+05	-8.65	1.237E+05	-5.75
96	9.916E+02	1.150E+05	1.254E+05	-9.04	1.246E+05	-8.31	1.212E+05	-5.42
97	9.996E+02	1.120E+05	1.228E+05	-9.66	1.220E+05	-8.94	1.188E+05	-6.03

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	405	12	66BE1	1	2.48E+00	1.32E+00	1.39E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.300E+02	1.450E+05	1.486E+05		-2.48	1.469E+05	-1.32	1.430E+05	1.39	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	2050	48	79BA01	48	1.08E+01	1.36E+01	1.80E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.060E+02	4.490E+04	3.501E+04		22.02	3.792E+04	15.56	3.250E+04	27.62	
2	5.100E+02	4.460E+04	3.433E+04		23.03	3.716E+04	16.68	3.186E+04	28.57	
3	5.130E+02	4.440E+04	3.381E+04		23.85	3.661E+04	17.54	3.139E+04	29.30	
4	5.160E+02	4.380E+04	3.330E+04		23.98	3.607E+04	17.65	3.093E+04	29.38	
5	5.190E+02	4.330E+04	3.282E+04		24.20	3.554E+04	17.92	3.048E+04	29.60	
6	5.220E+02	4.300E+04	3.235E+04		24.77	3.502E+04	18.55	3.004E+04	30.13	
7	5.250E+02	4.260E+04	3.188E+04		25.17	3.452E+04	18.97	2.961E+04	30.49	
8	5.460E+02	6.403E+05	5.604E+05		12.47	5.051E+05	21.11	4.908E+05	23.35	
9	5.470E+02	6.164E+05	5.580E+05		9.48	5.037E+05	18.28	4.894E+05	20.60	
10	5.480E+02	6.111E+05	5.555E+05		9.10	5.023E+05	17.81	4.880E+05	20.14	
11	5.490E+02	6.137E+05	5.530E+05		9.90	5.008E+05	18.39	4.866E+05	20.70	
12	5.500E+02	6.084E+05	5.505E+05		9.52	4.994E+05	17.92	4.853E+05	20.24	
13	5.510E+02	6.004E+05	5.480E+05		8.73	4.980E+05	17.06	4.839E+05	19.41	
14	5.520E+02	5.925E+05	5.455E+05		7.93	4.965E+05	16.19	4.825E+05	18.56	
15	5.530E+02	5.845E+05	5.430E+05		7.10	4.951E+05	15.29	4.812E+05	17.68	
16	5.540E+02	5.739E+05	5.405E+05		5.82	4.937E+05	13.97	4.798E+05	16.40	
17	5.550E+02	5.659E+05	5.380E+05		4.92	4.923E+05	13.00	4.784E+05	15.45	
18	5.560E+02	5.619E+05	5.357E+05		4.65	4.910E+05	12.63	4.771E+05	15.09	
19	5.570E+02	5.593E+05	5.335E+05		4.62	4.896E+05	12.47	4.758E+05	14.93	
20	5.580E+02	5.566E+05	5.312E+05		4.57	4.882E+05	12.29	4.744E+05	14.76	
21	5.590E+02	5.579E+05	5.289E+05		5.20	4.868E+05	12.74	4.731E+05	15.20	
22	5.600E+02	5.619E+05	5.266E+05		6.28	4.855E+05	13.60	4.718E+05	16.03	
23	5.610E+02	5.606E+05	5.243E+05		6.48	4.841E+05	13.64	4.705E+05	16.07	
24	5.620E+02	5.579E+05	5.220E+05		6.43	4.828E+05	13.47	4.692E+05	15.90	
25	5.630E+02	5.553E+05	5.197E+05		6.41	4.814E+05	13.31	4.679E+05	15.74	
26	5.640E+02	5.500E+05	5.174E+05		5.92	4.801E+05	12.71	4.666E+05	15.17	
27	5.650E+02	5.473E+05	5.151E+05		5.88	4.787E+05	12.53	4.653E+05	14.98	

28	5.660E+02	5.446E+05	5.129E+05	5.83	4.774E+05	12.34	4.640E+05	14.80
29	5.670E+02	5.407E+05	5.106E+05	5.57	4.761E+05	11.95	4.627E+05	14.42
30	5.680E+02	5.393E+05	5.083E+05	5.75	4.748E+05	11.96	4.615E+05	14.43
31	5.690E+02	5.380E+05	5.060E+05	5.95	4.735E+05	11.99	4.602E+05	14.46
32	5.700E+02	5.367E+05	5.039E+05	6.11	4.722E+05	12.02	4.590E+05	14.49
33	5.710E+02	5.340E+05	5.019E+05	6.02	4.709E+05	11.82	4.577E+05	14.29
34	5.720E+02	5.327E+05	4.998E+05	6.18	4.696E+05	11.85	4.565E+05	14.31
35	5.730E+02	5.300E+05	4.977E+05	6.09	4.683E+05	11.64	4.552E+05	14.11
36	5.740E+02	5.274E+05	4.957E+05	6.02	4.670E+05	11.45	4.540E+05	13.92
37	5.750E+02	5.234E+05	4.936E+05	5.69	4.658E+05	11.01	4.528E+05	13.50
38	5.760E+02	5.194E+05	4.915E+05	5.36	4.645E+05	10.57	4.515E+05	13.07
39	5.770E+02	5.167E+05	4.895E+05	5.27	4.632E+05	10.35	4.503E+05	12.85
40	5.780E+02	5.128E+05	4.874E+05	4.95	4.620E+05	9.91	4.491E+05	12.42
41	5.790E+02	5.101E+05	4.854E+05	4.85	4.607E+05	9.68	4.479E+05	12.20
42	5.820E+02	4.995E+05	4.792E+05	4.07	4.570E+05	8.51	4.443E+05	11.05
43	5.850E+02	4.942E+05	4.733E+05	4.22	4.534E+05	8.27	4.408E+05	10.81
44	5.880E+02	4.875E+05	4.677E+05	4.07	4.497E+05	7.75	4.373E+05	10.31
45	5.910E+02	4.809E+05	4.620E+05	3.93	4.462E+05	7.22	4.338E+05	9.79
46	5.940E+02	4.756E+05	4.563E+05	4.05	4.426E+05	6.93	4.304E+05	9.50
47	5.970E+02	4.676E+05	4.507E+05	3.62	4.392E+05	6.08	4.270E+05	8.67
48	6.000E+02	4.594E+05	4.455E+05	3.03	4.357E+05	5.15	4.237E+05	7.76

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	2088	67	85SA01	1	2.12E+01	2.10E+01	1.26E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.032E+02	1.340E+06	1.624E+06	-21.19	1.622E+06	-21.02	1.323E+06		1.26	

IZ= 9

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
9	426	11	67HE1	9	8.72E+01	4.56E+00	1.12E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	2.110E+06	2.307E+06	-9.35	2.286E+06	-8.33	1.887E+06		10.57	
2	1.472E+02	1.155E+06	1.209E+06	-4.68	1.207E+06	-4.50	1.006E+06		12.94	
3	1.826E+02	7.100E+05	7.430E+05	-4.65	7.391E+05	-4.10	6.198E+05		12.71	
4	2.780E+02	2.770E+05	2.737E+05	1.18	2.717E+05	1.91	2.310E+05		16.60	
5	3.914E+02	1.167E+05	1.174E+05	-0.60	1.172E+05	-0.43	1.008E+05		13.65	
6	5.260E+02	5.360E+04	5.565E+04	-3.83	5.559E+04	-3.72	4.822E+04		10.04	
7	6.768E+02	2.740E+04	9.898E+04	-261.26	2.904E+04	-5.97	2.536E+04		7.43	
8	7.749E+02	3.470E+05	3.373E+05	2.81	3.292E+05	5.12	3.211E+05		7.47	
9	9.287E+02	2.161E+05	2.147E+05	0.67	2.141E+05	0.93	2.089E+05		3.34	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
9	427	15	78CO1	15	5.19E+00	4.50E+00	1.32E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.240E+02	1.690E+06	1.758E+06	-4.02	1.730E+06	-2.39	1.434E+06		15.16	
2	1.270E+02	1.600E+06	1.672E+06	-4.52	1.645E+06	-2.80	1.364E+06		14.76	
3	1.305E+02	1.520E+06	1.580E+06	-3.92	1.553E+06	-2.16	1.289E+06		15.21	
4	1.340E+02	1.430E+06	1.490E+06	-4.18	1.469E+06	-2.71	1.220E+06		14.69	
5	1.380E+02	1.350E+06	1.396E+06	-3.42	1.381E+06	-2.28	1.148E+06		14.97	
6	1.420E+02	1.270E+06	1.310E+06	-3.14	1.301E+06	-2.42	1.082E+06		14.77	
7	1.460E+02	1.190E+06	1.232E+06	-3.51	1.228E+06	-3.17	1.023E+06		14.08	



8	1.500E+02	1.110E+06	1.159E+06	-4.46	1.161E+06	-4.58	9.677E+05	12.82
9	1.550E+02	1.030E+06	1.079E+06	-4.72	1.076E+06	-4.46	8.978E+05	12.84
10	1.600E+02	9.550E+05	1.005E+06	-5.23	9.999E+05	-4.70	8.351E+05	12.55
11	1.650E+02	8.820E+05	9.369E+05	-6.23	9.316E+05	-5.62	7.788E+05	11.71
12	1.710E+02	8.110E+05	8.634E+05	-6.46	8.583E+05	-5.84	7.183E+05	11.43
13	1.770E+02	7.430E+05	7.979E+05	-7.39	7.934E+05	-6.78	6.646E+05	10.55
14	1.840E+02	6.840E+05	7.304E+05	-6.78	7.264E+05	-6.20	6.093E+05	10.92
15	1.910E+02	6.260E+05	6.700E+05	-7.03	6.675E+05	-6.64	5.606E+05	10.45

IZ= 10

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	440	99	64ED2	11	1.93E+01	2.07E+01	3.25E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.042E+02	3.880E+06	3.578E+06	7.79	3.626E+06	6.55	3.022E+06	22.11	
2	1.052E+02	3.790E+06	3.524E+06	7.01	3.557E+06	6.16	2.965E+06	21.77	
3	1.070E+02	3.700E+06	3.428E+06	7.34	3.437E+06	7.10	2.867E+06	22.52	
4	1.122E+02	3.720E+06	3.163E+06	14.98	3.125E+06	15.99	2.609E+06	29.86	
5	1.183E+02	3.380E+06	2.872E+06	15.03	2.812E+06	16.80	2.351E+06	30.46	
6	1.245E+02	2.880E+06	2.610E+06	9.39	2.541E+06	11.76	2.127E+06	26.15	
7	1.284E+02	2.640E+06	2.460E+06	6.81	2.391E+06	9.42	2.003E+06	24.14	
8	1.371E+02	3.010E+06	2.165E+06	28.09	2.103E+06	30.14	1.764E+06	41.40	
9	1.453E+02	2.750E+06	1.928E+06	29.89	1.878E+06	31.71	1.578E+06	42.62	
10	1.486E+02	2.520E+06	1.844E+06	26.84	1.798E+06	28.65	1.512E+06	40.01	
11	1.539E+02	2.490E+06	1.717E+06	31.05	1.667E+06	33.05	1.403E+06	43.67	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	443	17	72WA1	10	3.68E+00	2.37E+00	1.62E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.017E+02	3.591E+06	3.720E+06	-3.60	3.808E+06	-6.04	3.172E+06	11.66	
2	1.086E+02	3.394E+06	3.344E+06	1.46	3.336E+06	1.70	2.783E+06	17.99	
3	1.163E+02	2.944E+06	2.964E+06	-0.68	2.909E+06	1.18	2.431E+06	17.43	
4	1.435E+02	1.928E+06	1.976E+06	-2.48	1.924E+06	0.21	1.616E+06	16.18	
5	1.549E+02	1.675E+06	1.694E+06	-1.15	1.643E+06	1.92	1.383E+06	17.45	
6	1.669E+02	1.422E+06	1.449E+06	-1.93	1.391E+06	2.20	1.173E+06	17.53	
7	1.808E+02	1.172E+06	1.223E+06	-4.33	1.165E+06	0.62	9.842E+05	16.02	
8	1.962E+02	9.680E+05	1.022E+06	-5.61	9.732E+05	-0.54	8.241E+05	14.86	
9	2.136E+02	7.960E+05	8.484E+05	-6.58	7.963E+05	-0.04	6.760E+05	15.08	
10	2.332E+02	6.620E+05	6.875E+05	-3.85	6.455E+05	2.50	5.493E+05	17.02	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	444	11	67HE1	9	2.46E+00	5.19E+00	1.56E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	3.420E+06	3.329E+06	2.67	3.318E+06	2.99	2.768E+06	19.06	
2	1.472E+02	1.904E+06	1.878E+06	1.37	1.831E+06	3.82	1.539E+06	19.16	
3	1.826E+02	1.203E+06	1.197E+06	0.52	1.140E+06	5.27	9.632E+05	19.94	
4	2.780E+02	4.570E+05	4.505E+05	1.42	4.263E+05	6.71	3.648E+05	20.18	
5	3.914E+02	1.857E+05	1.892E+05	-1.87	1.840E+05	0.89	1.592E+05	14.26	
6	5.260E+02	8.710E+04	8.607E+04	1.19	8.693E+04	0.20	7.592E+04	12.84	
7	6.768E+02	4.390E+04	4.366E+04	0.56	4.531E+04	-3.21	3.989E+04	9.14	
8	7.749E+02	3.010E+04	3.089E+04	-2.61	3.173E+04	-5.42	2.805E+04	6.80	
9	9.287E+02	3.270E+05	3.088E+05	5.56	2.934E+05	10.27	2.867E+05	12.32	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
10	445	4	70DE1	4	6.30E+00	1.05E+01	2.36E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.834E+02	1.310E+06	1.186E+06	9.49	1.129E+06	13.84	9.541E+05	27.17		
2	1.926E+02	1.160E+06	1.065E+06	8.19	1.013E+06	12.63	8.578E+05	26.05		
3	2.369E+02	6.670E+05	6.620E+05	0.75	6.217E+05	6.79	5.294E+05	20.63		
4	2.770E+02	4.590E+05	4.545E+05	0.97	4.299E+05	6.33	3.678E+05	19.87		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
10	446	1	31DE1	1	3.54E+00	2.06E+00	1.62E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	4.390E+05	4.545E+05	-3.54	4.299E+05	2.06	3.678E+05	16.21		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
10	447	201	69WU1	27	8.99E+01	3.30E+02	3.22E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.250E+02	2.590E+04	2.611E+04	-0.81	2.688E+04	-3.78	2.381E+04	8.09		
2	8.300E+02	2.560E+04	2.569E+04	-0.35	2.645E+04	-3.32	2.343E+04	8.48		
3	8.360E+02	2.530E+04	2.519E+04	0.45	2.595E+04	-2.55	2.299E+04	9.14		
4	8.420E+02	2.490E+04	2.471E+04	0.76	2.546E+04	-2.24	2.256E+04	9.40		
5	8.470E+02	2.470E+04	2.433E+04	1.51	2.506E+04	-1.45	2.221E+04	10.08		
6	8.530E+02	2.440E+04	2.386E+04	2.19	2.459E+04	-0.79	2.180E+04	10.65		
7	8.590E+02	2.420E+04	3.919E+04	-61.96	3.152E+05	-1202.63	3.077E+05	-1171.48		
8	8.650E+02	2.380E+04	1.335E+05	-460.80	3.152E+05	-1224.34	3.077E+05	-1192.87		
9	8.710E+02	3.870E+05	2.277E+05	41.15	3.152E+05	18.56	3.077E+05	20.49		
10	8.770E+02	3.730E+05	3.220E+05	13.67	3.151E+05	15.51	3.077E+05	17.50		
11	8.840E+02	3.680E+05	3.487E+05	5.24	3.151E+05	14.37	3.078E+05	16.37		
12	8.900E+02	3.620E+05	3.430E+05	5.24	3.151E+05	12.96	3.078E+05	14.97		
13	8.960E+02	3.550E+05	3.373E+05	4.98	3.151E+05	11.24	3.078E+05	13.29		
14	9.030E+02	3.490E+05	3.308E+05	5.21	3.127E+05	10.39	3.056E+05	12.45		
15	9.100E+02	3.420E+05	3.247E+05	5.05	3.073E+05	10.15	3.002E+05	12.21		
16	9.160E+02	3.350E+05	3.195E+05	4.63	3.027E+05	9.63	2.958E+05	11.70		
17	9.230E+02	3.290E+05	3.134E+05	4.74	2.975E+05	9.56	2.907E+05	11.63		
18	9.300E+02	3.220E+05	3.078E+05	4.42	2.925E+05	9.17	2.858E+05	11.24		
19	9.370E+02	3.160E+05	3.022E+05	4.38	2.875E+05	9.01	2.810E+05	11.08		
20	9.440E+02	3.100E+05	2.965E+05	4.34	2.827E+05	8.80	2.763E+05	10.88		
21	9.520E+02	3.030E+05	2.906E+05	4.11	2.774E+05	8.46	2.711E+05	10.54		
22	9.590E+02	2.970E+05	2.854E+05	3.91	2.728E+05	8.16	2.666E+05	10.24		
23	9.660E+02	2.910E+05	2.802E+05	3.71	2.683E+05	7.80	2.622E+05	9.89		
24	9.740E+02	2.860E+05	2.746E+05	3.97	2.633E+05	7.93	2.574E+05	10.01		
25	9.820E+02	2.800E+05	2.692E+05	3.85	2.585E+05	7.68	2.526E+05	9.77		
26	9.900E+02	2.740E+05	2.638E+05	3.73	2.538E+05	7.38	2.480E+05	9.47		
27	9.980E+02	2.680E+05	2.586E+05	3.50	2.492E+05	7.03	2.436E+05	9.12		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
10	448	13	66BE1	2	5.46E+00	7.90E+00	1.28E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.520E+02	2.500E+04	2.394E+04	4.23	2.467E+04	1.32	2.187E+04	12.52		
2	9.300E+02	3.290E+05	3.078E+05	6.45	2.925E+05	11.10	2.858E+05	13.13		

IZ= 11



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
11	456	24	77CO1	10	2.92E+01	2.94E+01	3.42E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.020E+02	6.810E+06	5.189E+06	23.80	5.168E+06	24.11	4.382E+06	35.65		
2	1.120E+02	6.750E+06	4.386E+06	35.03	4.337E+06	35.75	3.683E+06	45.43		
3	1.230E+02	4.950E+06	3.706E+06	25.12	3.644E+06	26.39	3.099E+06	37.39		
4	1.360E+02	3.630E+06	3.067E+06	15.51	3.028E+06	16.60	2.580E+06	28.94		
5	1.560E+02	2.000E+06	2.338E+06	-16.92	2.328E+06	-16.39	1.989E+06	0.57		
6	1.680E+02	1.650E+06	2.009E+06	-21.75	1.988E+06	-20.49	1.701E+06	-3.08		
7	1.810E+02	1.420E+06	1.720E+06	-21.11	1.698E+06	-19.59	1.455E+06	-2.46		
8	2.110E+02	1.130E+06	1.223E+06	-8.19	1.214E+06	-7.43	1.044E+06	7.65		
9	2.310E+02	1.500E+06	9.938E+05	33.75	9.821E+05	34.53	8.460E+05	43.60		
10	2.960E+02	1.350E+06	5.555E+05	58.85	5.546E+05	58.92	4.808E+05	64.39		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
11	457	1	68KO1	1	1.43E+00	2.22E+00	1.54E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	6.600E+05	6.506E+05	1.43	6.454E+05	2.22	5.584E+05	15.39		

IZ= 12

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	24	5	64CO3	3	9.53E+00	9.69E+00	1.85E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.000E+02	7.387E+04	6.755E+04	8.55	6.686E+04	9.49	6.004E+04	18.72		
2	8.820E+02	5.934E+04	5.173E+04	12.82	5.175E+04	12.80	4.658E+04	21.50		
3	9.540E+02	4.440E+04	4.176E+04	5.94	4.206E+04	5.28	3.793E+04	14.58		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	32	12	53TO1	3	8.12E+01	1.05E+02	7.85E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.033E+02	2.480E+06	5.163E+06	-108.18	6.226E+06	-151.06	5.375E+06	-116.72		
2	1.246E+02	2.410E+06	4.395E+06	-82.38	4.629E+06	-92.07	4.005E+06	-66.20		
3	1.531E+02	2.370E+06	3.228E+06	-36.22	3.329E+06	-40.45	2.889E+06	-21.92		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	33	10	57BA1	4	1.93E+01	2.02E+01	2.82E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.050E+02	1.210E+05	9.535E+04	21.20	9.289E+04	23.23	8.317E+04	31.27		
2	7.760E+02	8.800E+04	7.344E+04	16.55	7.235E+04	17.79	6.492E+04	26.22		
3	8.520E+02	7.270E+04	5.688E+04	21.76	5.665E+04	22.07	5.095E+04	29.91		
4	9.300E+02	5.410E+04	4.477E+04	17.24	4.499E+04	16.83	4.055E+04	25.04		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	34	1	68KO1	1	2.38E+01	2.68E+01	3.59E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.268E+06	9.667E+05	23.76	9.277E+05	26.84	8.133E+05	35.86		

IZ= 13

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	466	20	51T01	4	4.26E+02	5.01E+02	4.27E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.110E+02	1.004E+06	5.001E+06	-398.09	5.617E+06	-459.46	4.878E+06	-385.89		
2	1.240E+02	8.960E+05	5.225E+06	-483.10	5.785E+06	-545.66	5.078E+06	-466.79		
3	1.390E+02	7.970E+05	3.962E+06	-397.08	4.958E+06	-522.07	4.357E+06	-446.63		
4	1.560E+02	7.260E+05	3.775E+06	-419.98	4.156E+06	-472.45	3.656E+06	-403.61		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	467	13	67FO1	8	1.23E+01	1.29E+01	2.09E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.141E+02	5.730E+06	5.091E+06	11.15	5.575E+06	2.71	4.842E+06	15.49		
2	1.327E+02	4.970E+06	4.308E+06	13.32	5.278E+06	-6.20	4.636E+06	6.72		
3	1.510E+02	4.360E+06	3.804E+06	12.75	4.419E+06	-1.36	3.886E+06	10.86		
4	1.717E+02	3.620E+06	3.332E+06	7.96	3.471E+06	4.11	3.057E+06	15.54		
5	1.926E+02	3.090E+06	2.696E+06	12.76	2.803E+06	9.29	2.472E+06	19.99		
6	2.773E+02	1.580E+06	1.385E+06	12.31	1.274E+06	19.34	1.130E+06	28.49		
7	3.923E+02	7.120E+05	6.172E+05	13.31	5.699E+05	19.96	5.081E+05	28.63		
8	5.249E+02	3.490E+05	3.010E+05	13.76	2.783E+05	20.27	2.494E+05	28.53		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	468	43	69HA1	23	2.18E+01	1.72E+01	2.60E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.410E+06	5.313E+06	17.12	5.782E+06	9.79	5.019E+06	21.70		
2	1.050E+02	5.560E+06	4.375E+06	21.32	5.704E+06	-2.59	4.952E+06	10.93		
3	1.100E+02	6.140E+06	4.936E+06	19.61	5.631E+06	8.29	4.890E+06	20.35		
4	1.150E+02	6.270E+06	5.102E+06	18.63	5.563E+06	11.28	4.832E+06	22.93		
5	1.170E+02	6.270E+06	5.155E+06	17.79	5.536E+06	11.70	4.810E+06	23.29		
6	1.180E+02	6.320E+06	5.181E+06	18.02	5.523E+06	12.60	4.799E+06	24.07		
7	1.190E+02	6.270E+06	5.150E+06	17.86	5.511E+06	12.11	4.788E+06	23.64		
8	1.200E+02	6.230E+06	5.119E+06	17.83	6.048E+06	2.92	5.308E+06	14.80		
9	1.250E+02	6.230E+06	5.147E+06	17.38	5.723E+06	8.15	5.024E+06	19.36		
10	1.300E+02	5.780E+06	4.647E+06	19.60	5.427E+06	6.11	4.766E+06	17.55		
11	1.350E+02	5.240E+06	4.137E+06	21.05	5.157E+06	1.58	4.530E+06	13.54		
12	1.400E+02	4.970E+06	3.926E+06	21.01	4.910E+06	1.20	4.315E+06	13.18		
13	1.450E+02	4.880E+06	3.842E+06	21.28	4.684E+06	4.02	4.117E+06	15.63		
14	1.500E+02	4.880E+06	3.810E+06	21.92	4.475E+06	8.30	3.935E+06	19.36		
15	1.600E+02	4.840E+06	3.723E+06	23.08	3.963E+06	18.13	3.487E+06	27.95		
16	1.700E+02	4.460E+06	3.420E+06	23.31	3.537E+06	20.71	3.114E+06	30.17		
17	1.800E+02	3.870E+06	2.955E+06	23.64	3.178E+06	17.87	2.801E+06	27.62		
18	1.900E+02	3.620E+06	2.742E+06	24.26	2.875E+06	20.59	2.535E+06	29.97		
19	2.000E+02	3.420E+06	2.568E+06	24.93	2.614E+06	23.56	2.307E+06	32.54		
20	2.100E+02	3.230E+06	2.394E+06	25.89	2.346E+06	27.38	2.071E+06	35.87		
21	2.500E+02	2.330E+06	1.758E+06	24.53	1.597E+06	31.44	1.414E+06	39.32		
22	2.800E+02	1.820E+06	1.353E+06	25.68	1.248E+06	31.43	1.107E+06	39.20		
23	3.100E+02	1.490E+06	1.045E+06	29.88	9.941E+05	33.28	8.829E+05	40.75		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	469	36	70GA1	18	1.46E+01	1.01E+01	1.60E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.020E+02	5.310E+06	4.460E+06	16.01	5.750E+06	-8.29	4.992E+06	6.00		
2	1.040E+02	4.980E+06	4.272E+06	14.22	5.719E+06	-14.85	4.965E+06	0.30		
3	1.060E+02	5.110E+06	4.478E+06	12.37	5.689E+06	-11.33	4.940E+06	3.33		



4	1.100E+02	5.490E+06	4.936E+06	10.09	5.631E+06	-2.57	4.890E+06	10.92
5	1.160E+02	5.610E+06	5.128E+06	8.59	5.549E+06	1.08	4.821E+06	14.07
6	1.180E+02	5.720E+06	5.181E+06	9.42	5.523E+06	3.44	4.799E+06	16.10
7	1.200E+02	5.640E+06	5.119E+06	9.24	6.048E+06	-7.24	5.308E+06	5.89
8	1.240E+02	5.740E+06	5.225E+06	8.98	5.785E+06	-0.79	5.078E+06	11.52
9	1.280E+02	5.510E+06	4.877E+06	11.48	5.542E+06	-0.58	4.866E+06	11.69
10	1.320E+02	4.940E+06	4.396E+06	11.01	5.316E+06	-7.61	4.669E+06	5.48
11	1.400E+02	4.560E+06	3.926E+06	13.91	4.910E+06	-7.68	4.315E+06	5.37
12	1.500E+02	4.460E+06	3.810E+06	14.57	4.475E+06	-0.34	3.935E+06	11.76
13	1.560E+02	4.530E+06	3.775E+06	16.67	4.156E+06	8.26	3.656E+06	19.29
14	1.600E+02	4.450E+06	3.723E+06	16.34	3.963E+06	10.95	3.487E+06	21.64
15	1.700E+02	4.000E+06	3.420E+06	14.49	3.537E+06	11.59	3.114E+06	22.14
16	1.800E+02	3.650E+06	2.955E+06	19.04	3.178E+06	12.92	2.801E+06	23.26
17	1.880E+02	3.500E+06	2.778E+06	20.63	2.932E+06	16.24	2.585E+06	26.15
18	1.940E+02	3.520E+06	2.671E+06	24.12	2.766E+06	21.43	2.440E+06	30.69

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	470	5	64LU2	5	1.18E+01	1.55E+01	2.34E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.097E+02	5.380E+06	4.900E+06	8.92	5.635E+06	-4.74	4.894E+06	9.03		
2	1.850E+02	3.140E+06	2.834E+06	9.75	3.020E+06	3.81	2.663E+06	15.20		
3	2.820E+02	1.470E+06	1.328E+06	9.63	1.229E+06	16.41	1.090E+06	25.87		
4	3.950E+02	7.035E+05	6.080E+05	13.57	5.608E+05	20.28	5.001E+05	28.91		
5	5.250E+02	3.570E+05	3.008E+05	15.73	2.781E+05	22.09	2.493E+05	30.16		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	471	18	67ER2	13	2.84E+01	2.88E+01	3.01E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	4.310E+06	5.090E+06	-18.09	5.576E+06	-29.37	4.843E+06	-12.38		
2	1.833E+02	2.540E+06	2.866E+06	-12.83	3.073E+06	-20.97	2.709E+06	-6.63		
3	2.770E+02	9.460E+05	1.389E+06	-46.84	1.277E+06	-35.04	1.133E+06	-19.71		
4	3.953E+02	4.810E+05	6.070E+05	-26.20	5.598E+05	-16.39	4.992E+05	-3.79		
5	4.522E+02	3.850E+05	4.371E+05	-13.52	4.023E+05	-4.49	3.596E+05	6.60		
6	5.003E+02	3.150E+05	3.401E+05	-7.98	3.142E+05	0.25	2.814E+05	10.67		
7	5.249E+02	2.990E+05	3.010E+05	-0.66	2.783E+05	6.94	2.494E+05	16.58		
8	5.728E+02	2.820E+05	2.405E+05	14.71	2.234E+05	20.78	2.006E+05	28.87		
9	6.374E+02	2.650E+05	1.809E+05	31.74	1.703E+05	35.72	1.533E+05	42.16		
10	7.050E+02	1.830E+05	1.380E+05	24.61	1.317E+05	28.02	1.188E+05	35.10		
11	7.762E+02	1.630E+05	1.066E+05	34.61	1.027E+05	37.00	9.277E+04	43.09		
12	8.515E+02	1.440E+05	8.282E+04	42.49	8.072E+04	43.95	7.305E+04	49.27		
13	9.297E+02	1.190E+05	6.512E+04	45.28	6.415E+04	46.09	5.817E+04	51.12		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	472	12	67ER1	9	9.43E+00	1.11E+01	1.99E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.450E+02	4.660E+06	3.842E+06	17.56	4.684E+06	-0.51	4.117E+06	11.64		
2	1.900E+02	3.140E+06	2.742E+06	12.68	2.875E+06	8.46	2.535E+06	19.27		
3	2.440E+02	2.000E+06	1.853E+06	7.37	1.685E+06	15.77	1.491E+06	25.47		
4	3.060E+02	1.210E+06	1.077E+06	10.98	1.025E+06	15.26	9.105E+05	24.75		
5	3.820E+02	7.350E+05	6.535E+05	11.09	6.065E+05	17.48	5.405E+05	26.46		
6	4.570E+02	4.460E+05	4.256E+05	4.57	3.920E+05	12.11	3.505E+05	21.42		
7	6.420E+02	1.810E+05	1.773E+05	2.05	1.672E+05	7.60	1.505E+05	16.85		
8	7.460E+02	1.220E+05	1.186E+05	2.78	1.138E+05	6.75	1.027E+05	15.83		

9	8.850E+02	7.390E+04	7.452E+04	-0.84	7.300E+04	1.21	6.613E+04	10.52		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	473	1	76LU1	1	7.68E+00	9.74E-01	1.22E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.290E+06	1.389E+06	-7.68	1.277E+06	0.97	1.133E+06	12.21		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	474	1	68K01	1	2.71E+01	1.69E+01	3.61E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.093E+06	1.389E+06	-27.09	1.277E+06	-16.87	1.133E+06	-3.61		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	475	1	67SI1	1	6.83E+00	1.42E+01	2.40E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.780E+02	1.478E+06	1.377E+06	6.83	1.267E+06	14.24	1.124E+06	23.97		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	476	4	37HI1	4	2.03E+01	2.27E+01	2.98E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.230E+02	3.280E+05	3.038E+05	7.37	2.808E+05	14.38	2.517E+05	23.26		
2	7.040E+02	1.580E+05	1.385E+05	12.37	1.322E+05	16.33	1.192E+05	24.56		
3	8.490E+02	1.026E+05	8.349E+04	18.62	8.134E+04	20.72	7.361E+04	28.25		
4	9.280E+02	9.770E+04	6.544E+04	33.02	6.446E+04	34.02	5.845E+04	40.18		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	477	10	36BA1	7	1.63E+01	1.61E+01	1.65E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.236E+02	3.100E+05	3.029E+05	2.28	2.800E+05	9.67	2.510E+05	19.04		
2	5.705E+02	2.430E+05	2.430E+05	-0.01	2.257E+05	7.14	2.026E+05	16.62		
3	6.342E+02	1.810E+05	1.834E+05	-1.33	1.726E+05	4.66	1.553E+05	14.22		
4	7.004E+02	1.380E+05	1.403E+05	-1.65	1.340E+05	2.91	1.208E+05	12.48		
5	7.768E+02	1.040E+05	1.064E+05	-2.26	1.025E+05	1.46	9.259E+04	10.97		
6	8.515E+02	7.800E+04	8.282E+04	-6.18	8.072E+04	-3.48	7.305E+04	6.34		
7	9.231E+02	4.660E+04	6.636E+04	-42.41	6.537E+04	-40.27	5.926E+04	-27.17		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	478	9	64CO3	4	1.01E+00	3.53E+00	1.22E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.290E+02	1.272E+05	1.262E+05	0.80	1.208E+05	5.06	1.090E+05	14.35		
2	8.000E+02	9.856E+04	9.816E+04	0.41	9.502E+04	3.60	8.589E+04	12.86		
3	8.820E+02	7.616E+04	7.520E+04	1.26	7.365E+04	3.29	6.671E+04	12.41		
4	9.920E+02	5.376E+04	5.446E+04	-1.30	5.411E+04	-0.65	4.912E+04	8.62		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	479	20	66BE1	2	5.28E-01	1.73E+00	1.08E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.520E+02	8.250E+04	8.269E+04	-0.22	8.059E+04	2.31	7.294E+04	11.58		
2	9.300E+02	6.460E+04	6.506E+04	-0.71	6.410E+04	0.78	5.812E+04	10.03		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	480	6	64CO3	2	7.22E+00	5.75E+00	4.18E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	



1	8.800E+02	7.047E+04	7.565E+04	-7.35	7.409E+04	-5.13	6.710E+04	4.78
2	9.890E+02	5.130E+04	5.494E+04	-7.09	5.454E+04	-6.31	4.951E+04	3.49

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	481	3	64OG1	1	2.39E+00	8.97E-01	8.51E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.320E+02	6.317E+04	6.468E+04	-2.39	6.374E+04	-0.90	5.779E+04	8.51		

IZ= 14

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	621	49	56TO1	26	5.02E+01	4.83E+01	5.27E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	4.900E+05	3.121E+05	36.31	3.105E+05	36.62	2.257E+05	53.94		
2	1.002E+02	1.290E+06	8.229E+05	36.21	3.096E+05	76.00	2.250E+05	82.56		
3	1.005E+02	1.940E+06	1.589E+06	18.09	3.082E+05	84.12	2.239E+05	88.46		
4	1.010E+02	2.430E+06	2.866E+06	-17.94	3.058E+05	87.42	2.222E+05	90.85		
5	1.030E+02	2.670E+06	5.407E+06	-102.52	2.966E+05	88.89	2.156E+05	91.93		
6	1.040E+02	2.640E+06	5.394E+06	-104.33	2.922E+05	88.93	2.124E+05	91.96		
7	1.050E+02	2.670E+06	5.382E+06	-101.58	2.879E+05	89.22	2.092E+05	92.16		
8	1.060E+02	2.830E+06	5.370E+06	-89.74	2.836E+05	89.98	2.062E+05	92.71		
9	1.080E+02	2.780E+06	5.345E+06	-92.28	1.737E+06	37.53	1.496E+06	46.20		
10	1.100E+02	2.880E+06	5.322E+06	-84.78	3.176E+06	-10.28	2.772E+06	3.76		
11	1.120E+02	3.480E+06	5.298E+06	-52.25	3.245E+06	6.75	2.834E+06	18.55		
12	1.130E+02	3.800E+06	5.287E+06	-39.13	3.280E+06	13.68	2.866E+06	24.58		
13	1.150E+02	3.790E+06	5.265E+06	-38.91	3.351E+06	11.58	2.930E+06	22.69		
14	1.180E+02	4.340E+06	5.232E+06	-20.55	3.459E+06	20.30	3.028E+06	30.24		
15	1.220E+02	4.850E+06	5.190E+06	-7.00	3.607E+06	25.63	3.160E+06	34.84		
16	1.240E+02	5.180E+06	5.169E+06	0.21	3.682E+06	28.92	3.228E+06	37.68		
17	1.260E+02	5.340E+06	5.149E+06	3.57	3.758E+06	29.62	3.297E+06	38.26		
18	1.270E+02	5.500E+06	5.139E+06	6.56	3.797E+06	30.97	3.331E+06	39.43		
19	1.280E+02	5.340E+06	5.130E+06	3.94	3.835E+06	28.18	3.366E+06	36.97		
20	1.370E+02	4.690E+06	5.046E+06	-7.59	4.194E+06	10.58	3.687E+06	21.38		
21	1.470E+02	4.480E+06	4.960E+06	-10.72	4.612E+06	-2.94	4.061E+06	9.36		
22	1.520E+02	4.320E+06	4.920E+06	-13.90	5.181E+06	-19.94	4.607E+06	-6.63		
23	1.580E+02	4.530E+06	4.874E+06	-7.60	4.881E+06	-7.74	4.341E+06	4.17		
24	1.680E+02	4.210E+06	4.498E+06	-6.85	4.427E+06	-5.16	3.941E+06	6.40		
25	1.730E+02	4.210E+06	4.293E+06	-1.98	4.227E+06	-0.39	3.763E+06	10.62		
26	1.870E+02	3.790E+06	3.793E+06	-0.09	3.739E+06	1.35	3.332E+06	12.09		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	622	28	70GA1	21	6.16E+01	4.86E+01	4.99E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	2.120E+06	3.121E+05	85.28	3.105E+05	85.35	2.257E+05	89.35		
2	1.005E+02	2.700E+06	1.589E+06	41.15	3.082E+05	88.59	2.239E+05	91.71		
3	1.010E+02	2.510E+06	2.866E+06	-14.18	3.058E+05	87.82	2.222E+05	91.15		
4	1.020E+02	2.310E+06	5.420E+06	-134.63	3.011E+05	86.96	2.189E+05	90.53		
5	1.030E+02	2.200E+06	5.407E+06	-145.78	2.966E+05	86.52	2.156E+05	90.20		
6	1.040E+02	2.240E+06	5.394E+06	-140.82	2.922E+05	86.96	2.124E+05	90.52		
7	1.100E+02	2.990E+06	5.322E+06	-77.98	3.176E+06	-6.22	2.772E+06	7.30		
8	1.160E+02	3.860E+06	5.254E+06	-36.10	3.387E+06	12.26	2.962E+06	23.26		
9	1.200E+02	4.430E+06	5.211E+06	-17.62	3.532E+06	20.26	3.094E+06	30.17		

10	1.280E+02	4.820E+06	5.130E+06	-6.42	3.835E+06	20.43	3.366E+06	30.17
11	1.360E+02	4.430E+06	5.055E+06	-14.10	4.153E+06	6.25	3.651E+06	17.59
12	1.480E+02	4.050E+06	4.952E+06	-22.28	4.655E+06	-14.93	4.099E+06	-1.21
13	1.500E+02	4.140E+06	4.936E+06	-19.23	4.741E+06	-14.51	4.176E+06	-0.88
14	1.520E+02	4.340E+06	4.920E+06	-13.37	5.181E+06	-19.38	4.607E+06	-6.14
15	1.560E+02	4.240E+06	4.889E+06	-15.32	4.981E+06	-17.47	4.429E+06	-4.47
16	1.600E+02	4.090E+06	4.819E+06	-17.83	4.784E+06	-16.96	4.256E+06	-4.05
17	1.700E+02	3.860E+06	4.413E+06	-14.34	4.345E+06	-12.57	3.868E+06	-0.20
18	1.800E+02	3.300E+06	4.031E+06	-22.16	3.970E+06	-20.30	3.536E+06	-7.16
19	1.900E+02	2.990E+06	3.696E+06	-23.60	3.647E+06	-21.96	3.250E+06	-8.70
20	2.000E+02	2.780E+06	3.366E+06	-21.09	3.365E+06	-21.06	3.002E+06	-7.97
21	2.120E+02	2.640E+06	3.018E+06	-14.32	2.973E+06	-12.63	2.654E+06	-0.51

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
14	623	49	66ER1	27	1.00E+02	6.57E+01	6.05E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	1.070E+06	3.121E+05	70.83	3.105E+05	70.98	2.257E+05	78.91	
2	1.010E+02	1.840E+06	2.866E+06	-55.76	3.058E+05	83.38	2.222E+05	87.92	
3	1.020E+02	1.940E+06	5.420E+06	-179.38	3.011E+05	84.48	2.189E+05	88.72	
4	1.040E+02	1.940E+06	5.394E+06	-178.06	2.922E+05	84.94	2.124E+05	89.05	
5	1.050E+02	2.020E+06	5.382E+06	-166.44	2.879E+05	85.75	2.092E+05	89.64	
6	1.060E+02	2.140E+06	5.370E+06	-150.92	2.836E+05	86.75	2.062E+05	90.37	
7	1.070E+02	2.680E+06	5.357E+06	-99.90	2.795E+05	89.57	2.032E+05	92.42	
8	1.075E+02	2.520E+06	5.351E+06	-112.36	2.775E+05	88.99	2.017E+05	92.00	
9	1.080E+02	2.330E+06	5.345E+06	-129.42	1.737E+06	25.47	1.496E+06	35.81	
10	1.085E+02	3.590E+06	5.339E+06	-48.73	1.865E+06	48.04	1.610E+06	55.16	
11	1.090E+02	3.110E+06	5.333E+06	-71.49	2.700E+06	13.18	2.350E+06	24.45	
12	1.100E+02	2.470E+06	5.322E+06	-115.45	3.176E+06	-28.59	2.772E+06	-12.22	
13	1.120E+02	2.540E+06	5.298E+06	-108.60	3.245E+06	-27.77	2.834E+06	-11.59	
14	1.150E+02	2.930E+06	5.265E+06	-79.68	3.351E+06	-14.37	2.930E+06	0.00	
15	1.200E+02	3.220E+06	5.211E+06	-61.82	3.532E+06	-9.70	3.094E+06	3.93	
16	1.250E+02	3.480E+06	5.159E+06	-48.25	3.720E+06	-6.90	3.262E+06	6.25	
17	1.300E+02	3.590E+06	5.110E+06	-42.35	3.914E+06	-9.01	3.436E+06	4.29	
18	1.350E+02	3.530E+06	5.064E+06	-43.45	4.113E+06	-16.50	3.614E+06	-2.39	
19	1.400E+02	3.280E+06	5.019E+06	-53.03	4.317E+06	-31.61	3.797E+06	-15.77	
20	1.450E+02	2.720E+06	4.977E+06	-82.97	4.526E+06	-66.41	3.985E+06	-46.50	
21	1.500E+02	2.450E+06	4.936E+06	-101.47	4.741E+06	-93.51	4.176E+06	-70.46	
22	1.510E+02	3.130E+06	4.928E+06	-57.45	4.716E+06	-50.67	4.154E+06	-32.72	
23	1.550E+02	2.430E+06	4.897E+06	-101.52	5.032E+06	-107.07	4.475E+06	-84.15	
24	1.570E+02	2.540E+06	4.882E+06	-92.20	4.930E+06	-94.10	4.385E+06	-72.63	
25	1.600E+02	2.350E+06	4.819E+06	-105.08	4.784E+06	-103.57	4.256E+06	-81.09	
26	1.710E+02	2.700E+06	4.373E+06	-61.98	4.305E+06	-59.44	3.832E+06	-41.94	
27	1.930E+02	2.330E+06	3.595E+06	-54.29	3.558E+06	-52.71	3.172E+06	-36.14	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
14	624	1	68K01	1	1.80E+01	1.65E+01	4.32E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.455E+06	1.717E+06	-18.00	1.696E+06	-16.53	1.518E+06	-4.32	

IZ= 15



IZ= 16

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	652	11	67HE1	9	6.21E+00	7.81E+00	1.75E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	7.930E+05	6.784E+05	14.45	6.817E+05	14.03	5.203E+05	34.38		
2	1.472E+02	4.530E+05	4.376E+05	3.40	4.403E+05	2.79	3.363E+05	25.77		
3	1.826E+02	3.570E+06	3.965E+06	-11.06	4.020E+06	-12.61	3.606E+06	-1.02		
4	2.780E+02	2.540E+06	2.525E+06	0.57	2.686E+06	-5.73	2.441E+06	3.91		
5	3.914E+02	1.358E+06	1.332E+06	1.90	1.306E+06	3.84	1.191E+06	12.28		
6	5.260E+02	6.920E+05	6.895E+05	0.36	6.502E+05	6.04	5.951E+05	14.00		
7	6.768E+02	3.740E+05	3.735E+05	0.15	3.499E+05	6.45	3.212E+05	14.11		
8	7.749E+02	2.640E+05	2.648E+05	-0.31	2.488E+05	5.76	2.288E+05	13.33		
9	9.287E+02	1.650E+05	1.644E+05	0.34	1.564E+05	5.21	1.442E+05	12.59		

IZ= 17

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	677	15	78CO1	15	1.13E+01	1.03E+01	1.51E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.240E+02	7.770E+05	8.055E+05	-3.67	7.862E+05	-1.19	6.134E+05	21.06		
2	1.270E+02	7.500E+05	7.822E+05	-4.29	7.623E+05	-1.63	5.947E+05	20.71		
3	1.305E+02	7.180E+05	7.559E+05	-5.27	7.359E+05	-2.49	5.741E+05	20.04		
4	1.340E+02	6.790E+05	7.267E+05	-7.03	7.111E+05	-4.72	5.547E+05	18.30		
5	1.380E+02	6.350E+05	6.957E+05	-9.56	6.845E+05	-7.79	5.340E+05	15.90		
6	1.420E+02	5.960E+05	6.666E+05	-11.85	6.596E+05	-10.67	5.146E+05	13.66		
7	1.460E+02	5.640E+05	6.397E+05	-13.42	6.363E+05	-12.82	4.964E+05	11.98		
8	1.500E+02	5.400E+05	6.143E+05	-13.76	6.144E+05	-13.78	4.793E+05	11.24		
9	1.550E+02	5.150E+05	5.852E+05	-13.63	5.817E+05	-12.96	4.539E+05	11.87		
10	1.600E+02	4.930E+05	5.576E+05	-13.10	5.517E+05	-11.91	4.305E+05	12.67		
11	1.650E+02	4.690E+05	5.301E+05	-13.03	5.242E+05	-11.76	4.091E+05	12.78		
12	1.710E+02	4.430E+05	4.992E+05	-12.68	4.939E+05	-11.49	3.855E+05	12.98		
13	1.770E+02	4.180E+05	4.711E+05	-12.70	4.663E+05	-11.56	3.640E+05	12.92		
14	1.840E+02	3.900E+05	4.414E+05	-13.19	4.371E+05	-12.09	3.413E+05	12.49		
15	1.910E+02	3.650E+05	4.144E+05	-13.54	4.108E+05	-12.55	3.208E+05	12.12		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	678	3	67HE1	1	3.43E+00	3.66E+00	4.00E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.287E+02	1.943E+05	2.010E+05	-3.43	2.014E+05	-3.66	1.865E+05	4.00		

IZ= 18

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	696	6	64AL1	1	1.20E+01	1.43E+01	3.19E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.177E+02	1.260E+06	1.109E+06	11.97	1.080E+06	14.30	8.586E+05	31.85		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	697	23	63LUL	13	1.24E+01	1.52E+01	1.14E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	

1	1.143E+02	1.166E+06	1.167E+06	-0.09	1.116E+06	4.28	8.876E+05	23.88
2	1.512E+02	7.360E+05	8.339E+05	-13.31	8.113E+05	-10.23	6.449E+05	12.37
3	1.710E+02	5.980E+05	6.886E+05	-15.14	6.714E+05	-12.27	5.339E+05	10.72
4	1.922E+02	4.860E+05	5.746E+05	-18.23	5.610E+05	-15.43	4.462E+05	8.19
5	2.340E+02	3.440E+05	4.196E+05	-21.96	3.992E+05	-16.05	3.177E+05	7.63
6	2.560E+02	3.522E+06	3.335E+06	5.30	4.333E+06	-23.03	3.961E+06	-12.46
7	2.670E+02	3.104E+06	3.165E+06	-1.98	3.910E+06	-25.97	3.573E+06	-15.12
8	2.820E+02	2.702E+06	2.956E+06	-9.40	3.438E+06	-27.23	3.141E+06	-16.23
9	3.540E+02	2.408E+06	2.226E+06	7.56	2.408E+06	0.01	2.217E+06	7.93
10	4.130E+02	1.645E+06	1.769E+06	-7.53	1.776E+06	-7.97	1.638E+06	0.40
11	4.960E+02	1.076E+06	1.211E+06	-12.55	1.181E+06	-9.73	1.091E+06	-1.39
12	6.200E+02	6.557E+05	7.335E+05	-11.86	6.961E+05	-6.17	6.445E+05	1.70
13	8.265E+02	3.139E+05	3.636E+05	-15.84	3.423E+05	-9.04	3.178E+05	-1.24

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	698	20	72WA1	13	5.76E+00	3.68E+00	1.94E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.017E+02	1.262E+06	1.296E+06	-2.68	1.273E+06	-0.91	1.013E+06	19.74	
2	1.086E+02	1.202E+06	1.193E+06	0.75	1.182E+06	1.62	9.404E+05	21.76	
3	1.163E+02	1.105E+06	1.141E+06	-3.26	1.094E+06	0.95	8.703E+05	21.24	
4	1.245E+02	1.049E+06	1.057E+06	-0.81	1.013E+06	3.39	8.058E+05	23.18	
5	1.280E+02	1.012E+06	1.028E+06	-1.58	9.823E+05	2.94	7.810E+05	22.83	
6	1.335E+02	9.380E+05	9.815E+05	-4.64	9.367E+05	0.14	7.447E+05	20.60	
7	1.435E+02	8.630E+05	8.930E+05	-3.47	8.634E+05	-0.05	6.864E+05	20.47	
8	1.549E+02	7.370E+05	8.044E+05	-9.14	7.817E+05	-6.06	6.214E+05	15.68	
9	1.669E+02	6.660E+05	7.151E+05	-7.38	6.969E+05	-4.64	5.541E+05	16.80	
10	1.725E+02	6.250E+05	6.796E+05	-8.73	6.624E+05	-5.99	5.268E+05	15.72	
11	1.808E+02	5.840E+05	6.341E+05	-8.57	6.163E+05	-5.52	4.901E+05	16.08	
12	1.962E+02	5.210E+05	5.557E+05	-6.66	5.435E+05	-4.32	4.323E+05	17.03	
13	2.172E+02	4.430E+05	4.725E+05	-6.66	4.557E+05	-2.87	3.626E+05	18.15	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	699	11	67HE1	9	3.11E+00	7.27E+00	1.59E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	1.293E+06	1.190E+06	8.00	1.179E+06	8.83	9.375E+05	27.50	
2	1.472E+02	8.420E+05	8.637E+05	-2.57	8.389E+05	0.36	6.669E+05	20.79	
3	1.826E+02	6.080E+05	6.246E+05	-2.74	6.069E+05	0.17	4.827E+05	20.61	
4	2.780E+02	3.025E+06	3.010E+06	0.50	3.554E+06	-17.47	3.247E+06	-7.32	
5	3.914E+02	2.003E+06	1.957E+06	2.29	1.988E+06	0.74	1.833E+06	8.48	
6	5.260E+02	1.055E+06	1.067E+06	-1.14	1.029E+06	2.51	9.509E+05	9.87	
7	6.768E+02	5.930E+05	5.926E+05	0.07	5.621E+05	5.22	5.208E+05	12.17	
8	7.749E+02	4.240E+05	4.297E+05	-1.34	4.022E+05	5.14	3.732E+05	11.98	
9	9.287E+02	2.700E+05	2.693E+05	0.24	2.548E+05	5.64	2.369E+05	12.27	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	701	140	69DE2	140	3.06E+01	2.12E+01	2.62E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.396E+02	3.100E+05	4.040E+05	-30.32	3.828E+05	-23.48	3.047E+05	1.71	
2	2.397E+02	2.800E+05	4.037E+05	-44.19	3.825E+05	-36.61	3.045E+05	-8.74	
3	2.399E+02	3.100E+05	4.032E+05	-30.06	3.819E+05	-23.21	3.040E+05	1.92	
4	2.400E+02	3.000E+05	4.029E+05	-34.31	3.817E+05	-27.22	3.038E+05	-1.27	
5	2.401E+02	3.400E+05	4.027E+05	-18.43	3.814E+05	-12.17	3.036E+05	10.71	
6	2.403E+02	3.600E+05	4.021E+05	-11.70	3.808E+05	-5.78	3.031E+05	15.80	



7	2.404E+02	3.100E+05	4.019E+05	-29.64	3.805E+05	-22.75	3.029E+05	2.29
8	2.405E+02	3.600E+05	4.016E+05	-11.56	3.803E+05	-5.63	3.027E+05	15.92
9	2.408E+02	3.900E+05	4.008E+05	-2.77	3.794E+05	2.71	3.020E+05	22.56
10	2.409E+02	3.600E+05	4.005E+05	-11.26	3.791E+05	-5.32	3.018E+05	16.17
11	2.410E+02	3.500E+05	4.003E+05	-14.37	3.789E+05	-8.24	3.016E+05	13.83
12	2.411E+02	3.500E+05	4.000E+05	-14.29	3.786E+05	-8.16	3.014E+05	13.90
13	2.413E+02	3.800E+05	3.995E+05	-5.13	3.780E+05	0.52	3.009E+05	20.81
14	2.414E+02	3.900E+05	3.992E+05	-2.36	3.777E+05	3.14	3.007E+05	22.90
15	2.416E+02	3.600E+05	3.987E+05	-10.75	3.772E+05	-4.77	3.003E+05	16.60
16	2.418E+02	3.600E+05	3.982E+05	-10.60	3.766E+05	-4.62	2.998E+05	16.72
17	2.419E+02	3.300E+05	3.979E+05	-20.57	3.764E+05	-14.05	2.996E+05	9.21
18	2.420E+02	3.500E+05	3.976E+05	-13.61	3.761E+05	-7.45	2.994E+05	14.46
19	2.422E+02	3.700E+05	3.971E+05	-7.32	3.755E+05	-1.49	2.989E+05	19.21
20	2.424E+02	3.800E+05	3.966E+05	-4.36	3.750E+05	1.32	2.985E+05	21.45
21	2.425E+02	3.700E+05	3.963E+05	-7.11	3.747E+05	-1.27	2.983E+05	19.38
22	2.427E+02	3.900E+05	3.958E+05	-1.48	3.742E+05	4.06	2.978E+05	23.63
23	2.429E+02	4.000E+05	3.952E+05	1.19	3.736E+05	6.60	2.974E+05	25.65
24	2.431E+02	3.900E+05	3.947E+05	-1.21	3.731E+05	4.34	2.970E+05	23.85
25	2.432E+02	4.000E+05	3.944E+05	1.39	3.728E+05	6.80	2.968E+05	25.81
26	2.433E+02	3.800E+05	3.942E+05	-3.73	3.725E+05	1.97	2.965E+05	21.96
27	2.435E+02	3.900E+05	3.937E+05	-0.94	3.720E+05	4.62	2.961E+05	24.07
28	2.437E+02	3.900E+05	3.931E+05	-0.80	3.714E+05	4.76	2.957E+05	24.18
29	2.438E+02	4.100E+05	3.929E+05	4.18	3.712E+05	9.47	2.955E+05	27.93
30	2.440E+02	4.400E+05	3.923E+05	10.84	3.706E+05	15.77	2.950E+05	32.95
31	2.441E+02	4.600E+05	4.430E+05	3.69	3.704E+05	19.49	2.948E+05	35.91
32	2.443E+02	5.100E+05	5.445E+05	-6.76	3.698E+05	27.49	2.944E+05	42.27
33	2.444E+02	5.700E+05	5.952E+05	-4.42	3.695E+05	35.17	2.942E+05	48.39
34	2.446E+02	7.100E+05	6.967E+05	1.88	3.690E+05	48.03	2.938E+05	58.63
35	2.448E+02	8.900E+05	7.981E+05	10.33	3.685E+05	58.60	2.933E+05	67.04
36	2.449E+02	1.010E+06	8.488E+05	15.96	3.682E+05	63.54	2.931E+05	70.98
37	2.450E+02	1.110E+06	8.995E+05	18.96	3.679E+05	66.85	2.929E+05	73.61
38	2.452E+02	1.030E+06	1.001E+06	2.82	3.674E+05	64.33	2.925E+05	71.60
39	2.454E+02	8.900E+05	1.102E+06	-23.87	3.669E+05	58.78	2.921E+05	67.18
40	2.455E+02	7.600E+05	1.153E+06	-51.73	3.666E+05	51.76	2.919E+05	61.60
41	2.457E+02	7.300E+05	1.255E+06	-71.86	3.661E+05	49.85	2.914E+05	60.08
42	2.458E+02	7.200E+05	1.305E+06	-81.30	3.658E+05	49.19	2.912E+05	59.55
43	2.460E+02	7.200E+05	1.407E+06	-95.38	3.653E+05	49.27	2.908E+05	59.61
44	2.461E+02	7.400E+05	1.457E+06	-96.96	3.650E+05	50.67	2.906E+05	60.73
45	2.463E+02	7.600E+05	1.559E+06	-105.12	3.645E+05	52.04	2.902E+05	61.82
46	2.465E+02	8.200E+05	1.660E+06	-102.49	3.640E+05	55.61	2.898E+05	64.66
47	2.467E+02	9.000E+05	1.762E+06	-95.76	3.635E+05	59.62	2.893E+05	67.85
48	2.468E+02	1.000E+06	1.813E+06	-81.25	3.632E+05	63.68	2.891E+05	71.09
49	2.470E+02	1.180E+06	1.914E+06	-62.20	3.627E+05	69.27	2.887E+05	75.53
50	2.472E+02	1.400E+06	2.015E+06	-43.96	1.745E+06	-24.63	1.567E+06	-11.90
51	2.473E+02	1.620E+06	2.066E+06	-27.54	1.776E+06	-9.65	1.596E+06	1.50
52	2.475E+02	1.890E+06	2.168E+06	-14.69	1.842E+06	2.56	1.656E+06	12.37
53	2.477E+02	2.010E+06	2.269E+06	-12.89	1.910E+06	4.98	1.719E+06	14.46
54	2.479E+02	1.900E+06	2.370E+06	-24.76	1.981E+06	-4.28	1.786E+06	6.02
55	2.481E+02	1.820E+06	2.472E+06	-35.82	2.056E+06	-12.98	1.855E+06	-1.91
56	2.482E+02	1.910E+06	2.523E+06	-32.08	2.095E+06	-9.68	1.890E+06	1.02
57	2.484E+02	2.100E+06	2.624E+06	-24.96	2.175E+06	-3.56	1.964E+06	6.45
58	2.486E+02	2.360E+06	2.726E+06	-15.49	2.258E+06	4.31	2.042E+06	13.48
59	2.488E+02	2.510E+06	2.827E+06	-12.63	2.346E+06	6.54	2.123E+06	15.43

60	2.489E+02	2.690E+06	2.878E+06	-6.98	2.391E+06	11.12	2.165E+06	19.53
61	2.491E+02	2.830E+06	2.979E+06	-5.27	2.484E+06	12.24	2.250E+06	20.48
62	2.492E+02	3.010E+06	3.030E+06	-0.66	2.532E+06	15.88	2.295E+06	23.75
63	2.494E+02	3.150E+06	3.131E+06	0.59	2.632E+06	16.44	2.388E+06	24.20
64	2.496E+02	3.350E+06	3.233E+06	3.50	3.674E+06	-9.68	3.350E+06	0.01
65	2.498E+02	3.630E+06	3.334E+06	8.15	3.784E+06	-4.23	3.451E+06	4.94
66	2.499E+02	3.800E+06	3.385E+06	10.92	3.840E+06	-1.05	3.503E+06	7.82
67	2.501E+02	3.820E+06	3.434E+06	10.10	3.957E+06	-3.58	3.611E+06	5.47
68	2.503E+02	3.810E+06	3.431E+06	9.96	4.079E+06	-7.05	3.724E+06	2.26
69	2.505E+02	3.920E+06	3.427E+06	12.57	4.206E+06	-7.31	3.842E+06	1.99
70	2.506E+02	4.050E+06	3.426E+06	15.42	4.272E+06	-5.49	3.903E+06	3.63
71	2.508E+02	4.200E+06	3.422E+06	18.52	4.409E+06	-4.97	4.029E+06	4.07
72	2.510E+02	4.270E+06	3.419E+06	19.93	4.551E+06	-6.59	4.161E+06	2.56
73	2.511E+02	4.350E+06	3.417E+06	21.44	4.547E+06	-4.52	4.157E+06	4.44
74	2.513E+02	4.400E+06	3.414E+06	22.41	4.538E+06	-3.13	4.148E+06	5.72
75	2.515E+02	4.510E+06	3.411E+06	24.38	4.529E+06	-0.41	4.140E+06	8.20
76	2.516E+02	4.550E+06	3.409E+06	25.08	4.524E+06	0.57	4.136E+06	9.10
77	2.518E+02	4.590E+06	3.406E+06	25.80	4.515E+06	1.63	4.128E+06	10.07
78	2.520E+02	4.590E+06	3.402E+06	25.88	4.506E+06	1.83	4.120E+06	10.25
79	2.521E+02	4.610E+06	3.401E+06	26.23	4.502E+06	2.35	4.115E+06	10.73
80	2.523E+02	4.650E+06	3.397E+06	26.94	4.493E+06	3.38	4.107E+06	11.67
81	2.525E+02	4.650E+06	3.394E+06	27.01	4.484E+06	3.57	4.099E+06	11.85
82	2.527E+02	4.670E+06	3.391E+06	27.40	4.475E+06	4.18	4.091E+06	12.40
83	2.529E+02	4.660E+06	3.387E+06	27.31	4.466E+06	4.16	4.083E+06	12.38
84	2.531E+02	4.690E+06	3.384E+06	27.85	4.457E+06	4.96	4.075E+06	13.12
85	2.532E+02	4.660E+06	3.382E+06	27.42	4.453E+06	4.44	4.071E+06	12.64
86	2.534E+02	4.700E+06	3.379E+06	28.11	4.444E+06	5.44	4.063E+06	13.56
87	2.536E+02	4.690E+06	3.376E+06	28.03	4.436E+06	5.43	4.055E+06	13.54
88	2.538E+02	4.670E+06	3.372E+06	27.79	4.427E+06	5.21	4.047E+06	13.35
89	2.540E+02	4.620E+06	3.369E+06	27.08	4.418E+06	4.37	4.039E+06	12.58
90	2.542E+02	4.670E+06	3.366E+06	27.93	4.409E+06	5.58	4.031E+06	13.69
91	2.544E+02	4.690E+06	3.362E+06	28.31	4.401E+06	6.16	4.023E+06	14.22
92	2.546E+02	4.680E+06	3.359E+06	28.23	4.392E+06	6.15	4.015E+06	14.21
93	2.548E+02	4.670E+06	3.355E+06	28.15	4.384E+06	6.13	4.007E+06	14.19
94	2.549E+02	4.570E+06	3.354E+06	26.61	4.379E+06	4.17	4.003E+06	12.40
95	2.551E+02	4.580E+06	3.350E+06	26.85	4.371E+06	4.56	3.996E+06	12.76
96	2.553E+02	4.520E+06	3.347E+06	25.95	4.362E+06	3.49	3.988E+06	11.77
97	2.554E+02	4.550E+06	3.345E+06	26.47	4.358E+06	4.21	3.984E+06	12.44
98	2.556E+02	4.500E+06	3.342E+06	25.73	4.350E+06	3.34	3.976E+06	11.64
99	2.558E+02	4.490E+06	3.339E+06	25.64	4.341E+06	3.31	3.968E+06	11.62
100	2.560E+02	4.480E+06	3.335E+06	25.55	4.333E+06	3.28	3.961E+06	11.59
101	2.561E+02	4.490E+06	3.334E+06	25.75	4.329E+06	3.59	3.957E+06	11.87
102	2.563E+02	4.450E+06	3.331E+06	25.15	4.320E+06	2.91	3.949E+06	11.25
103	2.566E+02	4.420E+06	3.326E+06	24.75	4.308E+06	2.54	3.938E+06	10.91
104	2.567E+02	4.450E+06	3.324E+06	25.30	4.304E+06	3.29	3.934E+06	11.60
105	2.569E+02	4.380E+06	3.321E+06	24.17	4.296E+06	1.93	3.926E+06	10.36
106	2.571E+02	4.370E+06	3.318E+06	24.07	4.287E+06	1.89	3.919E+06	10.32
107	2.572E+02	4.360E+06	3.316E+06	23.94	4.283E+06	1.76	3.915E+06	10.20
108	2.574E+02	4.350E+06	3.313E+06	23.83	4.275E+06	1.72	3.908E+06	10.17
109	2.576E+02	4.350E+06	3.310E+06	23.91	4.267E+06	1.91	3.900E+06	10.34
110	2.578E+02	4.300E+06	3.307E+06	23.09	4.259E+06	0.96	3.893E+06	9.47
111	2.580E+02	4.290E+06	3.304E+06	22.99	4.251E+06	0.92	3.885E+06	9.44
112	2.581E+02	4.280E+06	3.302E+06	22.85	4.246E+06	0.78	3.881E+06	9.31



113	2.583E+02	4.290E+06	3.299E+06	23.10	4.238E+06	1.20	3.874E+06	9.70
114	2.585E+02	4.250E+06	3.296E+06	22.45	4.230E+06	0.46	3.867E+06	9.02
115	2.587E+02	4.220E+06	3.293E+06	21.98	4.222E+06	-0.05	3.859E+06	8.55
116	2.589E+02	4.210E+06	3.289E+06	21.86	4.214E+06	-0.10	3.852E+06	8.51
117	2.590E+02	4.200E+06	3.288E+06	21.72	4.210E+06	-0.24	3.848E+06	8.37
118	2.592E+02	4.170E+06	3.285E+06	21.23	4.202E+06	-0.77	3.841E+06	7.89
119	2.594E+02	4.170E+06	3.282E+06	21.31	4.194E+06	-0.58	3.834E+06	8.07
120	2.596E+02	4.150E+06	3.278E+06	21.00	4.186E+06	-0.88	3.826E+06	7.80
121	2.598E+02	4.120E+06	3.275E+06	20.50	4.179E+06	-1.42	3.819E+06	7.30
122	2.600E+02	4.140E+06	3.272E+06	20.96	4.171E+06	-0.74	3.812E+06	7.92
123	2.601E+02	4.100E+06	3.270E+06	20.23	4.167E+06	-1.63	3.808E+06	7.11
124	2.604E+02	4.080E+06	3.266E+06	19.96	4.155E+06	-1.84	3.798E+06	6.92
125	2.606E+02	4.070E+06	3.263E+06	19.84	4.147E+06	-1.90	3.790E+06	6.87
126	2.609E+02	4.070E+06	3.258E+06	19.96	4.136E+06	-1.61	3.780E+06	7.13
127	2.610E+02	4.070E+06	3.256E+06	19.99	4.132E+06	-1.52	3.776E+06	7.22
128	2.613E+02	4.060E+06	3.251E+06	19.91	4.120E+06	-1.48	3.766E+06	7.25
129	2.615E+02	4.060E+06	3.248E+06	19.99	4.112E+06	-1.29	3.759E+06	7.42
130	2.617E+02	4.040E+06	3.245E+06	19.68	4.105E+06	-1.60	3.752E+06	7.14
131	2.618E+02	4.010E+06	3.244E+06	19.11	4.101E+06	-2.27	3.748E+06	6.53
132	2.620E+02	4.030E+06	3.240E+06	19.59	4.093E+06	-1.57	3.741E+06	7.17
133	2.621E+02	4.070E+06	3.239E+06	20.42	4.089E+06	-0.48	3.738E+06	8.17
134	2.623E+02	4.020E+06	3.236E+06	19.51	4.082E+06	-1.54	3.731E+06	7.20
135	2.625E+02	4.020E+06	3.233E+06	19.58	4.074E+06	-1.35	3.724E+06	7.37
136	2.627E+02	4.000E+06	3.230E+06	19.25	4.067E+06	-1.67	3.717E+06	7.08
137	2.628E+02	4.040E+06	3.228E+06	20.09	4.063E+06	-0.57	3.713E+06	8.09
138	2.630E+02	4.030E+06	3.225E+06	19.97	4.056E+06	-0.63	3.706E+06	8.03
139	2.632E+02	4.000E+06	3.222E+06	19.44	4.048E+06	-1.20	3.700E+06	7.51
140	2.634E+02	4.040E+06	3.219E+06	20.31	4.041E+06	-0.01	3.693E+06	8.60

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	702	1	31DE1	1	2.52E-01	1.82E+01	8.02E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	3.031E+06	3.023E+06	0.25	3.584E+06	-18.23	3.274E+06	-8.02		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	703	202	69WU1	27	7.60E-01	5.47E+00	1.21E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.250E+02	3.700E+05	3.653E+05	1.26	3.438E+05	7.07	3.193E+05	13.72		
2	8.300E+02	3.640E+05	3.596E+05	1.20	3.386E+05	6.97	3.144E+05	13.62		
3	8.360E+02	3.590E+05	3.528E+05	1.73	3.325E+05	7.38	3.088E+05	13.99		
4	8.420E+02	3.510E+05	3.464E+05	1.32	3.266E+05	6.96	3.033E+05	13.60		
5	8.470E+02	3.440E+05	3.412E+05	0.82	3.217E+05	6.48	2.988E+05	13.14		
6	8.530E+02	3.360E+05	3.349E+05	0.31	3.160E+05	5.95	2.935E+05	12.64		
7	8.590E+02	3.290E+05	3.288E+05	0.06	3.105E+05	5.63	2.884E+05	12.34		
8	8.650E+02	3.240E+05	3.232E+05	0.26	3.051E+05	5.84	2.834E+05	12.53		
9	8.710E+02	3.180E+05	3.175E+05	0.16	2.998E+05	5.72	2.785E+05	12.41		
10	8.770E+02	3.120E+05	3.119E+05	0.05	2.947E+05	5.55	2.738E+05	12.25		
11	8.840E+02	3.050E+05	3.056E+05	-0.21	2.888E+05	5.30	2.684E+05	12.01		
12	8.900E+02	3.010E+05	3.005E+05	0.18	2.840E+05	5.66	2.639E+05	12.34		
13	8.960E+02	2.950E+05	2.953E+05	-0.10	2.792E+05	5.36	2.595E+05	12.05		
14	9.030E+02	2.890E+05	2.894E+05	-0.13	2.737E+05	5.28	2.544E+05	11.97		
15	9.100E+02	2.840E+05	2.838E+05	0.06	2.684E+05	5.50	2.495E+05	12.16		
16	9.160E+02	2.780E+05	2.791E+05	-0.39	2.639E+05	5.07	2.453E+05	11.76		

17	9.230E+02	2.720E+05	2.735E+05	-0.57	2.588E+05	4.85	2.406E+05	11.54
18	9.300E+02	2.670E+05	2.684E+05	-0.52	2.539E+05	4.92	2.360E+05	11.60
19	9.370E+02	2.620E+05	2.632E+05	-0.46	2.490E+05	4.94	2.316E+05	11.62
20	9.440E+02	2.560E+05	2.581E+05	-0.80	2.444E+05	4.55	2.272E+05	11.24
21	9.520E+02	2.520E+05	2.526E+05	-0.22	2.392E+05	5.10	2.224E+05	11.75
22	9.590E+02	2.460E+05	2.478E+05	-0.73	2.347E+05	4.58	2.183E+05	11.26
23	9.660E+02	2.400E+05	2.430E+05	-1.26	2.304E+05	3.99	2.143E+05	10.70
24	9.740E+02	2.360E+05	2.379E+05	-0.81	2.256E+05	4.40	2.099E+05	11.07
25	9.820E+02	2.310E+05	2.329E+05	-0.83	2.210E+05	4.34	2.056E+05	11.01
26	9.900E+02	2.260E+05	2.279E+05	-0.85	2.165E+05	4.22	2.014E+05	10.89
27	9.980E+02	2.210E+05	2.233E+05	-1.02	2.121E+05	4.04	1.973E+05	10.71

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	704	14	66BE1	2	7.18E+00	4.65E+00	8.79E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.520E+02	3.050E+05	3.360E+05	-10.16	3.170E+05	-3.92	2.944E+05	3.48	
2	9.300E+02	2.680E+05	2.684E+05	-0.14	2.539E+05	5.27	2.360E+05	11.93	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	700	7	70DE1	7	6.90E+00	7.03E+00	1.54E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.510E+02	7.810E+05	8.355E+05	-6.98	8.129E+05	-4.09	6.462E+05	17.25	
2	1.717E+02	6.600E+05	6.844E+05	-3.69	6.672E+05	-1.09	5.305E+05	19.62	
3	1.834E+02	5.920E+05	6.203E+05	-4.79	6.029E+05	-1.84	4.795E+05	19.01	
4	1.926E+02	5.430E+05	5.727E+05	-5.47	5.592E+05	-2.98	4.448E+05	18.09	
5	2.369E+02	3.600E+05	4.113E+05	-14.26	3.906E+05	-8.49	3.109E+05	13.64	
6	2.770E+02	3.100E+06	3.023E+06	2.47	3.584E+06	-15.60	3.274E+06	-5.62	
7	5.230E+02	1.050E+06	1.081E+06	-2.90	1.043E+06	0.71	9.638E+05	8.21	

IZ= 19

IZ= 20

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
20	723	1	68K01	1	4.66E-01	7.63E+00	2.69E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	4.530E+05	4.551E+05	-0.47	4.875E+05	-7.63	4.408E+05	2.69	

IZ= 21

IZ= 22

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
22	739	15	69S01	5	3.15E+01	2.64E+01	3.88E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.000E+02	3.400E+06	2.414E+06	29.01	2.561E+06	24.66	2.051E+06	39.68	
2	1.500E+02	2.400E+06	1.578E+06	34.26	1.716E+06	28.50	1.417E+06	40.97	
3	2.000E+02	1.700E+06	1.073E+06	36.86	1.167E+06	31.37	9.753E+05	42.63	
4	2.500E+02	1.100E+06	7.582E+05	31.07	8.073E+05	26.61	6.793E+05	38.24	



5 3.100E+02 7.000E+05 5.272E+05 24.68 5.657E+05 19.18 4.784E+05 31.66

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	740	14	67ER1	10	1.08E+01	7.11E+00	1.78E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.040E+02	2.740E+06	2.301E+06	16.02	2.449E+06	10.61	1.968E+06	28.17		
2	1.490E+02	1.830E+06	1.588E+06	13.20	1.726E+06	5.70	1.424E+06	22.18		
3	1.900E+02	1.270E+06	1.155E+06	9.04	1.247E+06	1.80	1.041E+06	18.07		
4	2.480E+02	8.660E+05	7.682E+05	11.29	8.180E+05	5.55	6.881E+05	20.54		
5	3.130E+02	5.810E+05	5.184E+05	10.78	5.555E+05	4.38	4.699E+05	19.13		
6	4.060E+02	3.890E+05	3.250E+05	16.45	3.408E+05	12.40	2.895E+05	25.57		
7	5.050E+02	2.030E+06	1.914E+06	5.71	1.979E+06	2.52	1.844E+06	9.15		
8	6.360E+02	1.290E+06	1.337E+06	-3.68	1.357E+06	-5.16	1.274E+06	1.21		
9	7.540E+02	8.930E+05	9.087E+05	-1.75	9.205E+05	-3.08	8.657E+05	3.06		
10	8.590E+02	6.110E+05	6.664E+05	-9.06	6.755E+05	-10.56	6.359E+05	-4.07		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	741	16	67ER2	13	2.63E+01	3.61E+01	3.01E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	2.230E+06	2.087E+06	6.40	2.218E+06	0.55	1.796E+06	19.47		
2	1.833E+02	9.720E+05	1.214E+06	-24.94	1.307E+06	-34.50	1.089E+06	-12.06		
3	2.770E+02	5.060E+05	6.432E+05	-27.12	6.839E+05	-35.16	5.769E+05	-14.02		
4	3.953E+02	2.860E+05	3.422E+05	-19.66	3.590E+05	-25.51	3.049E+05	-6.60		
5	4.522E+02	1.060E+06	1.259E+06	-18.81	2.743E+05	74.12	2.335E+05	77.98		
6	5.003E+02	1.750E+06	1.954E+06	-11.64	2.019E+06	-15.39	1.882E+06	-7.55		
7	5.249E+02	1.200E+06	1.761E+06	-46.78	1.819E+06	-51.62	1.696E+06	-41.32		
8	5.728E+02	1.130E+06	1.645E+06	-45.57	1.709E+06	-51.20	1.604E+06	-41.95		
9	6.374E+02	1.060E+06	1.331E+06	-25.55	1.350E+06	-27.35	1.268E+06	-19.63		
10	7.050E+02	8.490E+05	1.063E+06	-25.16	1.077E+06	-26.85	1.012E+06	-19.25		
11	7.762E+02	6.540E+05	8.486E+05	-29.76	8.603E+05	-31.55	8.093E+05	-23.75		
12	8.515E+02	6.010E+05	6.807E+05	-13.27	6.899E+05	-14.80	6.494E+05	-8.06		
13	9.297E+02	4.950E+05	5.512E+05	-11.35	5.576E+05	-12.65	5.252E+05	-6.10		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	742	1	76LU1	1	3.50E-01	6.69E+00	1.00E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	6.410E+05	6.432E+05	-0.35	6.839E+05	-6.69	5.769E+05	10.00		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	743	1	68KO1	1	1.72E+01	2.46E+01	5.09E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	5.490E+05	6.432E+05	-17.17	6.839E+05	-24.57	5.769E+05	-5.09		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	744	4	72MC1	1	7.61E+00	1.20E+01	4.72E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.465E+02	2.513E+05	2.704E+05	-7.61	2.814E+05	-11.98	2.394E+05	4.72		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	745	1	72KY1	1	1.85E+02	3.79E+01	4.71E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.522E+02	4.414E+05	1.259E+06	-185.32	2.743E+05	37.85	2.335E+05	47.11		

IZ= 23

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	770	22	69SO1	6	3.10E+01	2.67E+01	3.59E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	2.800E+06		2.935E+06	-4.81	3.181E+06	-13.62	2.531E+06	9.61	
2	1.200E+02	2.700E+06		2.341E+06	13.30	2.557E+06	5.29	2.068E+06	23.42	
3	1.500E+02	2.400E+06		1.843E+06	23.22	2.055E+06	14.39	1.692E+06	29.49	
4	2.000E+02	1.800E+06		1.246E+06	30.77	1.381E+06	23.29	1.156E+06	35.80	
5	2.500E+02	1.500E+06		8.804E+05	41.31	9.508E+05	36.61	8.028E+05	46.48	
6	3.100E+02	1.200E+06		6.134E+05	48.88	6.666E+05	44.45	5.667E+05	52.78	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	771	13	67CR1	10	1.65E+01	1.58E+01	1.92E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.310E+02	2.470E+06		2.130E+06	13.78	2.332E+06	5.59	1.900E+06	23.08	
2	1.680E+02	1.920E+06		1.583E+06	17.57	1.747E+06	9.01	1.449E+06	24.55	
3	2.100E+02	1.350E+06		1.161E+06	14.00	1.271E+06	5.87	1.066E+06	21.06	
4	2.720E+02	8.630E+05		7.698E+05	10.80	8.293E+05	3.91	7.022E+05	18.63	
5	3.320E+02	5.780E+05		5.437E+05	5.93	5.860E+05	-1.38	4.991E+05	13.66	
6	4.140E+02	3.880E+05		3.655E+05	5.79	3.868E+05	0.30	3.311E+05	14.65	
7	4.810E+02	2.730E+05		2.738E+05	-0.30	2.861E+05	-4.82	2.457E+05	10.01	
8	6.300E+02	1.290E+06		1.548E+06	-20.02	1.606E+06	-24.49	1.513E+06	-17.25	
9	7.540E+02	8.210E+05		1.051E+06	-28.02	1.072E+06	-30.54	1.010E+06	-23.08	
10	8.760E+02	5.900E+05		7.414E+05	-25.66	7.560E+05	-28.14	7.135E+05	-20.94	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	772	1	76LU1	1	1.67E+01	1.02E+01	2.39E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	8.970E+05		7.472E+05	16.70	8.053E+05	10.22	6.823E+05	23.93	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	773	1	68KO1	1	1.79E+01	2.70E+01	7.62E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	6.340E+05		7.472E+05	-17.85	8.053E+05	-27.03	6.823E+05	-7.62	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	774	1	72KY1	1	2.96E+02	2.83E+01	3.84E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.113E+02	3.523E+05		1.394E+06	-295.62	2.526E+05	28.29	2.171E+05	38.37	

IZ= 24

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
24	789	28	69SO1	12	1.52E+01	1.46E+01	2.28E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	3.700E+06		3.955E+06	-6.88	4.027E+06	-8.85	3.151E+06	14.83	
2	1.100E+02	3.300E+06		3.419E+06	-3.61	3.534E+06	-7.10	2.790E+06	15.47	
3	1.200E+02	2.800E+06		3.095E+06	-10.52	3.165E+06	-13.05	2.519E+06	10.04	
4	1.400E+02	2.400E+06		2.573E+06	-7.20	2.663E+06	-10.94	2.151E+06	10.38	
5	1.600E+02	2.100E+06		2.164E+06	-3.06	2.254E+06	-7.33	1.842E+06	12.29	



6	1.800E+02	1.800E+06	1.829E+06	-1.63	1.896E+06	-5.34	1.563E+06	13.18
7	2.000E+02	1.600E+06	1.561E+06	2.46	1.638E+06	-2.35	1.360E+06	15.03
8	2.200E+02	1.500E+06	1.342E+06	10.52	1.385E+06	7.67	1.156E+06	22.91
9	2.400E+02	1.300E+06	1.161E+06	10.68	1.193E+06	8.21	1.001E+06	22.98
10	2.600E+02	1.200E+06	1.016E+06	15.32	1.044E+06	13.03	8.795E+05	26.71
11	2.800E+02	1.200E+06	8.965E+05	25.30	9.243E+05	22.97	7.818E+05	34.85
12	3.100E+02	1.200E+06	7.454E+05	37.88	7.766E+05	35.28	6.600E+05	45.00

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
24	790	12	67ER1	10	3.00E+01	3.11E+01	2.37E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.130E+02	2.400E+06	3.321E+06	-38.38	3.413E+06	-42.19	2.700E+06	-12.51	
2	1.860E+02	1.390E+06	1.744E+06	-25.49	1.810E+06	-30.22	1.495E+06	-7.58	
3	2.770E+02	8.840E+05	9.137E+05	-3.36	9.406E+05	-6.41	7.952E+05	10.05	
4	3.000E+02	7.610E+05	7.912E+05	-3.97	8.272E+05	-8.70	7.020E+05	7.76	
5	3.710E+02	4.850E+05	5.382E+05	-10.97	5.529E+05	-14.00	4.732E+05	2.43	
6	4.860E+02	2.660E+05	3.174E+05	-19.34	3.244E+05	-21.95	2.801E+05	-5.29	
7	5.700E+02	3.780E+05	2.279E+05	39.70	2.328E+05	38.42	2.018E+05	46.61	
8	6.490E+02	1.027E+06	1.537E+06	-49.66	1.535E+06	-49.44	1.440E+06	-40.23	
9	8.330E+02	7.240E+05	9.849E+05	-36.04	9.828E+05	-35.75	9.294E+05	-28.37	
10	9.390E+02	5.640E+05	7.450E+05	-32.09	7.425E+05	-31.65	7.027E+05	-24.60	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
24	791	16	67ER2	13	4.01E+01	4.08E+01	3.29E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.140E+02	2.410E+06	3.289E+06	-36.46	3.374E+06	-40.01	2.672E+06	-10.88	
2	1.833E+02	1.390E+06	1.783E+06	-28.28	1.848E+06	-32.93	1.525E+06	-9.71	
3	2.770E+02	9.800E+05	9.137E+05	6.76	9.406E+05	4.02	7.952E+05	18.86	
4	3.953E+02	4.480E+05	4.790E+05	-6.93	4.915E+05	-9.71	4.216E+05	5.88	
5	4.522E+02	3.020E+05	3.674E+05	-21.66	3.749E+05	-24.14	3.230E+05	-6.95	
6	5.003E+02	2.420E+05	2.992E+05	-23.65	3.061E+05	-26.50	2.645E+05	-9.30	
7	5.249E+02	2.060E+05	2.713E+05	-31.72	2.767E+05	-34.30	2.394E+05	-16.20	
8	5.728E+02	4.960E+05	2.256E+05	54.52	2.304E+05	53.55	1.998E+05	59.72	
9	6.374E+02	1.020E+06	1.613E+06	-58.09	1.600E+06	-56.88	1.502E+06	-47.22	
10	7.050E+02	8.470E+05	1.431E+06	-69.01	1.436E+06	-69.53	1.356E+06	-60.13	
11	7.762E+02	7.620E+05	1.160E+06	-52.17	1.156E+06	-51.65	1.092E+06	-43.34	
12	8.515E+02	6.770E+05	9.361E+05	-38.27	9.340E+05	-37.96	8.834E+05	-30.48	
13	9.297E+02	5.560E+05	7.628E+05	-37.20	7.603E+05	-36.75	7.196E+05	-29.42	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
24	792	1	68K01	1	3.74E+01	4.14E+01	1.96E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	6.650E+05	9.137E+05	-37.40	9.406E+05	-41.45	7.952E+05	-19.58	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
24	793	84	71F11	84	6.14E+01	1.04E+02	9.63E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.710E+02	3.490E+05	2.271E+05	34.93	2.319E+05	33.55	2.011E+05	42.38	
2	5.712E+02	3.490E+05	2.269E+05	34.98	2.317E+05	33.60	2.009E+05	42.42	
3	5.715E+02	3.490E+05	2.267E+05	35.06	2.315E+05	33.67	2.007E+05	42.49	
4	5.717E+02	3.490E+05	2.265E+05	35.10	2.313E+05	33.72	2.006E+05	42.53	
5	5.720E+02	3.490E+05	2.262E+05	35.18	2.311E+05	33.79	2.004E+05	42.59	
6	5.722E+02	3.490E+05	2.261E+05	35.22	2.309E+05	33.84	2.002E+05	42.63	

7	5.725E+02	3.560E+05	2.258E+05	36.57	2.306E+05	35.21	2.000E+05	43.82
8	5.727E+02	3.710E+05	2.256E+05	39.18	2.305E+05	37.88	1.999E+05	46.13
9	5.730E+02	3.910E+05	2.254E+05	42.36	2.302E+05	41.12	1.996E+05	48.94
10	5.732E+02	4.090E+05	2.252E+05	44.93	2.301E+05	43.75	1.995E+05	51.22
11	5.735E+02	4.380E+05	2.250E+05	48.64	2.298E+05	47.53	1.993E+05	54.50
12	5.737E+02	4.680E+05	2.248E+05	51.97	2.296E+05	50.93	1.991E+05	57.45
13	5.740E+02	5.180E+05	2.245E+05	56.65	2.294E+05	55.72	1.989E+05	61.60
14	5.742E+02	5.590E+05	2.244E+05	59.86	2.292E+05	58.99	1.988E+05	64.44
15	5.745E+02	5.880E+05	2.241E+05	61.88	2.290E+05	61.06	1.986E+05	66.23
16	5.747E+02	5.960E+05	2.240E+05	62.42	2.288E+05	61.61	1.984E+05	66.71
17	5.748E+02	6.040E+05	2.239E+05	62.94	2.287E+05	62.13	1.984E+05	67.16
18	5.750E+02	6.500E+05	2.237E+05	65.58	2.286E+05	64.84	1.982E+05	69.51
19	5.752E+02	6.990E+05	2.235E+05	68.02	2.284E+05	67.33	1.981E+05	71.66
20	5.755E+02	7.520E+05	2.233E+05	70.31	2.281E+05	69.66	1.979E+05	73.69
21	5.757E+02	7.610E+05	2.231E+05	70.68	2.280E+05	70.04	1.977E+05	74.02
22	5.760E+02	7.440E+05	2.229E+05	70.05	2.277E+05	69.39	1.975E+05	73.45
23	5.762E+02	7.240E+05	2.227E+05	69.24	2.276E+05	68.57	1.974E+05	72.74
24	5.765E+02	7.150E+05	2.224E+05	68.89	2.273E+05	68.21	1.972E+05	72.43
25	5.767E+02	7.150E+05	2.223E+05	68.91	2.272E+05	68.23	1.970E+05	72.45
26	5.770E+02	7.240E+05	2.220E+05	69.34	2.269E+05	68.66	1.968E+05	72.82
27	5.772E+02	7.280E+05	2.218E+05	69.53	2.267E+05	68.85	1.967E+05	72.99
28	5.775E+02	7.240E+05	2.216E+05	69.39	2.265E+05	68.72	1.964E+05	72.87
29	5.777E+02	7.110E+05	2.214E+05	68.86	2.263E+05	68.17	1.963E+05	72.39
30	5.780E+02	6.820E+05	2.212E+05	67.57	2.261E+05	66.85	1.961E+05	71.25
31	5.782E+02	6.580E+05	2.210E+05	66.41	2.259E+05	65.66	1.960E+05	70.22
32	5.785E+02	6.330E+05	2.207E+05	65.13	2.257E+05	64.35	1.958E+05	69.08
33	5.787E+02	6.080E+05	2.206E+05	63.72	2.255E+05	62.91	1.956E+05	67.83
34	5.790E+02	5.880E+05	2.203E+05	62.53	2.253E+05	61.69	1.954E+05	66.77
35	5.792E+02	5.710E+05	2.202E+05	61.44	2.251E+05	60.58	1.953E+05	65.80
36	5.795E+02	5.550E+05	2.199E+05	60.38	2.249E+05	59.48	1.951E+05	64.85
37	5.797E+02	5.430E+05	2.197E+05	59.53	2.247E+05	58.62	1.949E+05	64.10
38	5.800E+02	5.430E+05	2.195E+05	59.58	2.245E+05	58.66	1.947E+05	64.14
39	5.802E+02	5.390E+05	2.193E+05	59.31	2.243E+05	58.39	1.946E+05	63.90
40	5.805E+02	5.340E+05	2.191E+05	58.98	2.241E+05	58.04	1.944E+05	63.60
41	5.807E+02	5.300E+05	2.189E+05	58.70	2.239E+05	57.75	1.942E+05	63.35
42	5.810E+02	5.300E+05	2.186E+05	58.75	2.237E+05	57.80	1.940E+05	63.39
43	5.812E+02	5.340E+05	2.185E+05	59.09	1.188E+06	-122.39	1.108E+06	-107.48
44	5.815E+02	5.390E+05	2.182E+05	59.51	1.190E+06	-120.87	1.111E+06	-106.07
45	5.817E+02	5.540E+05	2.180E+05	60.64	1.192E+06	-115.23	1.113E+06	-100.82
46	5.820E+02	5.710E+05	2.178E+05	61.86	1.195E+06	-109.33	1.115E+06	-95.33
47	5.822E+02	5.800E+05	2.176E+05	62.48	1.197E+06	-106.42	1.117E+06	-92.61
48	5.825E+02	5.880E+05	2.174E+05	63.03	1.200E+06	-104.10	1.120E+06	-90.47
49	5.827E+02	5.920E+05	2.172E+05	63.31	1.202E+06	-103.05	1.122E+06	-89.49
50	5.830E+02	6.200E+05	2.170E+05	65.01	1.205E+06	-94.36	1.125E+06	-81.39
51	5.832E+02	6.500E+05	2.168E+05	66.65	1.207E+06	-85.69	1.126E+06	-73.30
52	5.835E+02	6.780E+05	2.166E+05	68.06	1.210E+06	-78.45	1.129E+06	-66.56
53	5.837E+02	6.990E+05	2.164E+05	69.04	1.212E+06	-73.37	1.131E+06	-61.83
54	5.840E+02	7.190E+05	2.162E+05	69.93	1.215E+06	-68.96	1.134E+06	-57.72
55	5.842E+02	7.240E+05	2.160E+05	70.16	1.217E+06	-68.07	1.136E+06	-56.89
56	5.845E+02	7.320E+05	2.158E+05	70.52	1.220E+06	-66.64	1.139E+06	-55.57
57	5.847E+02	7.320E+05	2.156E+05	70.54	1.222E+06	-66.91	1.141E+06	-55.83
58	5.850E+02	7.280E+05	2.154E+05	70.41	1.225E+06	-68.24	1.144E+06	-57.08
59	5.852E+02	7.240E+05	2.152E+05	70.27	1.227E+06	-69.45	1.145E+06	-58.21



60	5.855E+02	7.110E+05	2.150E+05	69.76	1.230E+06	-72.98	1.148E+06	-61.52
61	5.857E+02	6.950E+05	2.148E+05	69.09	1.232E+06	-77.26	1.150E+06	-65.52
62	5.860E+02	6.740E+05	2.146E+05	68.16	1.235E+06	-83.25	1.153E+06	-71.12
63	5.862E+02	6.540E+05	2.144E+05	67.21	1.237E+06	-89.17	1.155E+06	-76.66
64	5.865E+02	6.410E+05	2.142E+05	66.58	1.240E+06	-93.49	1.158E+06	-80.71
65	5.867E+02	6.370E+05	2.141E+05	66.40	1.242E+06	-95.03	1.160E+06	-82.15
66	5.870E+02	6.170E+05	2.138E+05	65.34	1.246E+06	-101.86	1.163E+06	-88.54
67	5.872E+02	6.000E+05	2.137E+05	64.39	1.248E+06	-107.93	1.165E+06	-94.22
68	5.875E+02	5.840E+05	2.134E+05	63.45	1.251E+06	-114.17	1.168E+06	-100.05
69	5.877E+02	5.710E+05	2.133E+05	62.65	1.253E+06	-119.42	1.170E+06	-104.96
70	5.880E+02	5.590E+05	2.130E+05	61.89	1.256E+06	-124.69	1.173E+06	-109.90
71	5.882E+02	5.550E+05	2.129E+05	61.64	1.258E+06	-126.70	1.175E+06	-111.78
72	5.885E+02	5.470E+05	2.126E+05	61.12	1.261E+06	-130.59	1.178E+06	-115.43
73	5.887E+02	5.430E+05	2.125E+05	60.87	1.263E+06	-132.68	1.180E+06	-117.39
74	5.890E+02	5.340E+05	2.123E+05	60.25	1.267E+06	-137.21	1.184E+06	-121.63
75	5.892E+02	5.300E+05	2.121E+05	59.98	1.269E+06	-139.40	1.186E+06	-123.69
76	5.895E+02	5.260E+05	2.119E+05	59.72	1.272E+06	-141.83	1.189E+06	-125.97
77	5.897E+02	5.220E+05	2.117E+05	59.44	1.274E+06	-144.10	1.191E+06	-128.10
78	5.900E+02	5.180E+05	2.115E+05	59.17	1.277E+06	-146.61	1.194E+06	-130.45
79	5.905E+02	5.180E+05	2.111E+05	59.25	1.751E+06	-238.01	1.641E+06	-216.89
80	5.910E+02	5.220E+05	2.107E+05	59.64	1.758E+06	-236.70	1.648E+06	-215.69
81	5.915E+02	5.180E+05	2.103E+05	59.40	1.764E+06	-240.61	1.654E+06	-219.37
82	5.920E+02	5.060E+05	2.099E+05	58.52	1.771E+06	-250.03	1.661E+06	-228.22
83	5.925E+02	5.000E+05	2.095E+05	58.10	1.778E+06	-255.59	1.667E+06	-233.46
84	5.930E+02	4.970E+05	2.091E+05	57.92	1.785E+06	-259.11	1.674E+06	-236.79

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
24	794	1	72KY1	1	3.14E+01	3.00E+01	3.93E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.728E+02	3.289E+05	2.256E+05	31.42	2.304E+05	29.95	1.998E+05	39.26	

IZ= 25

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
25	803	25	69S01	11	1.37E+01	7.12E+00	2.19E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.000E+02	5.100E+06	4.610E+06	9.61	4.800E+06	5.89	3.844E+06	24.63	
2	1.200E+02	4.100E+06	3.421E+06	16.56	3.777E+06	7.89	3.061E+06	25.35	
3	1.400E+02	3.300E+06	2.879E+06	12.76	3.177E+06	3.71	2.605E+06	21.07	
4	1.600E+02	2.900E+06	2.439E+06	15.89	2.689E+06	7.28	2.224E+06	23.30	
5	1.800E+02	2.300E+06	2.071E+06	9.96	2.260E+06	1.74	1.883E+06	18.14	
6	2.000E+02	2.000E+06	1.773E+06	11.35	1.952E+06	2.39	1.636E+06	18.18	
7	2.200E+02	1.700E+06	1.528E+06	10.09	1.649E+06	3.00	1.389E+06	18.30	
8	2.400E+02	1.500E+06	1.325E+06	11.68	1.420E+06	5.35	1.201E+06	19.95	
9	2.600E+02	1.300E+06	1.161E+06	10.67	1.241E+06	4.51	1.054E+06	18.94	
10	2.800E+02	1.200E+06	1.026E+06	14.48	1.099E+06	8.39	9.363E+05	21.98	
11	3.100E+02	1.100E+06	8.559E+05	22.19	9.239E+05	16.01	7.901E+05	28.17	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
25	805	1	72KY1	1	1.88E+02	3.43E+01	4.26E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.374E+02	3.330E+05	9.601E+05	-188.31	2.189E+05	34.26	1.912E+05	42.58	

IZ= 26

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	812	26	69S01	11	1.20E+01	1.11E+01	2.46E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.500E+06	5.528E+06	14.95	5.353E+06	17.64	4.280E+06	34.15		
2	1.200E+02	5.500E+06	4.489E+06	18.38	4.522E+06	17.79	3.686E+06	32.97		
3	1.400E+02	4.500E+06	3.722E+06	17.29	3.785E+06	15.89	3.114E+06	30.79		
4	1.600E+02	3.700E+06	3.128E+06	15.46	3.193E+06	13.69	2.649E+06	28.41		
5	1.800E+02	3.000E+06	2.629E+06	12.37	2.684E+06	10.54	2.241E+06	25.31		
6	2.000E+02	2.400E+06	2.236E+06	6.84	2.319E+06	3.39	1.947E+06	18.86		
7	2.200E+02	1.900E+06	1.915E+06	-0.79	1.954E+06	-2.84	1.649E+06	13.23		
8	2.400E+02	1.700E+06	1.657E+06	2.55	1.679E+06	1.23	1.423E+06	16.32		
9	2.600E+02	1.500E+06	1.440E+06	3.97	1.466E+06	2.26	1.247E+06	16.88		
10	2.800E+02	1.400E+06	1.262E+06	9.84	1.297E+06	7.35	1.107E+06	20.94		
11	3.100E+02	1.200E+06	1.047E+06	12.71	1.089E+06	9.28	9.331E+05	22.24		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	813	32	57T01	2	1.31E+01	1.55E+01	1.26E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	5.200E+06	5.528E+06	-6.31	5.353E+06	-2.95	4.280E+06	17.69		
2	1.020E+02	4.600E+06	5.403E+06	-17.46	5.601E+06	-21.76	4.529E+06	1.54		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	814	1	72KY1	1	3.23E+01	3.02E+01	3.86E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.050E+02	2.944E+05	1.993E+05	32.31	2.056E+05	30.17	1.808E+05	38.60		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	815	1	68K01	1	3.88E+01	4.24E+01	2.15E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	9.270E+05	1.287E+06	-38.85	1.320E+06	-42.42	1.126E+06	-21.47		

IZ= 27

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
27	869	25	69S01	12	2.55E+01	2.76E+01	1.79E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.200E+06	6.001E+06	3.21	6.238E+06	-0.61	5.044E+06	18.65		
2	1.100E+02	5.800E+06	5.524E+06	4.76	5.651E+06	2.58	4.581E+06	21.01		
3	1.200E+02	5.600E+06	5.124E+06	8.51	5.358E+06	4.32	4.398E+06	21.46		
4	1.400E+02	4.500E+06	4.354E+06	3.24	4.450E+06	1.12	3.679E+06	18.24		
5	1.600E+02	3.500E+06	3.677E+06	-5.07	3.744E+06	-6.98	3.117E+06	10.94		
6	1.800E+02	2.700E+06	3.103E+06	-14.94	3.158E+06	-16.96	2.644E+06	2.06		
7	2.000E+02	2.100E+06	2.646E+06	-25.99	2.737E+06	-30.33	2.305E+06	-9.74		
8	2.200E+02	1.800E+06	2.266E+06	-25.91	2.305E+06	-28.04	1.949E+06	-8.27		
9	2.400E+02	1.600E+06	1.959E+06	-22.46	1.979E+06	-23.70	1.680E+06	-5.01		
10	2.600E+02	1.200E+06	1.703E+06	-41.96	1.727E+06	-43.94	1.472E+06	-22.64		
11	2.800E+02	1.000E+06	1.492E+06	-49.19	1.528E+06	-52.79	1.306E+06	-30.63		
12	3.100E+02	9.000E+05	1.236E+06	-37.37	1.281E+06	-42.37	1.100E+06	-22.26		



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
27	870	1	76LU1	1	4.60E+00	2.50E+00	1.67E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.595E+06	1.522E+06	4.60	1.555E+06	2.50	1.329E+06	16.69		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
27	871	31	57TO1	5	6.75E+01	7.28E+01	3.99E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	3.700E+06	6.001E+06	-62.19	6.238E+06	-68.58	5.044E+06	-36.32		
2	1.020E+02	3.400E+06	5.898E+06	-73.46	6.108E+06	-79.65	4.942E+06	-45.34		
3	1.040E+02	3.400E+06	5.799E+06	-70.56	5.985E+06	-76.03	4.845E+06	-42.49		
4	1.060E+02	3.500E+06	5.705E+06	-63.00	5.868E+06	-67.65	4.752E+06	-35.78		
5	1.100E+02	3.300E+06	5.524E+06	-67.40	5.651E+06	-71.23	4.581E+06	-38.83		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
27	872	1	68KO1	1	7.05E+00	5.01E+00	1.88E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.637E+06	1.522E+06	7.05	1.555E+06	5.01	1.329E+06	18.83		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
27	873	1	72KY1	1	3.02E+02	4.07E+01	4.76E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.762E+02	3.259E+05	1.309E+06	-301.63	1.932E+05	40.72	1.709E+05	47.56		

IZ= 28

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	889	25	69SO1	14	1.27E+01	1.02E+01	2.27E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	8.000E+06	6.708E+06	16.15	7.071E+06	11.62	5.784E+06	27.71		
2	1.100E+02	7.600E+06	6.202E+06	18.40	6.413E+06	15.61	5.255E+06	30.86		
3	1.200E+02	7.400E+06	5.775E+06	21.96	6.196E+06	16.27	5.125E+06	30.74		
4	1.300E+02	6.900E+06	5.408E+06	21.63	5.607E+06	18.74	4.650E+06	32.60		
5	1.400E+02	6.000E+06	4.944E+06	17.59	5.135E+06	14.42	4.271E+06	28.81		
6	1.500E+02	5.200E+06	4.549E+06	12.52	4.754E+06	8.58	3.966E+06	23.73		
7	1.600E+02	4.600E+06	4.204E+06	8.62	4.326E+06	5.96	3.619E+06	21.34		
8	1.800E+02	3.900E+06	3.573E+06	8.39	3.670E+06	5.89	3.086E+06	20.87		
9	2.000E+02	3.300E+06	3.062E+06	7.22	3.198E+06	3.10	2.702E+06	18.12		
10	2.200E+02	2.800E+06	2.629E+06	6.10	2.696E+06	3.71	2.287E+06	18.32		
11	2.400E+02	2.300E+06	2.276E+06	1.03	2.318E+06	-0.77	1.973E+06	14.21		
12	2.600E+02	2.000E+06	1.980E+06	0.98	2.025E+06	-1.23	1.730E+06	13.52		
13	2.800E+02	1.700E+06	1.736E+06	-2.09	1.792E+06	-5.44	1.536E+06	9.64		
14	3.100E+02	1.400E+06	1.438E+06	-2.74	1.504E+06	-7.43	1.294E+06	7.54		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	890	29	57TO1	8	8.78E+00	1.20E+01	1.31E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.700E+06	6.708E+06	-0.12	7.071E+06	-5.53	5.784E+06	13.68		
2	1.020E+02	6.100E+06	6.598E+06	-8.16	6.927E+06	-13.56	5.668E+06	7.08		
3	1.040E+02	5.400E+06	6.494E+06	-20.25	6.790E+06	-25.74	5.558E+06	-2.92		
4	1.060E+02	5.800E+06	6.394E+06	-10.24	6.659E+06	-14.80	5.452E+06	6.00		



5	1.080E+02	6.100E+06	6.297E+06	-3.22	6.533E+06	-7.10	5.351E+06	12.27
6	1.100E+02	6.300E+06	6.202E+06	1.56	6.413E+06	-1.80	5.255E+06	16.59
7	1.120E+02	6.400E+06	6.111E+06	4.52	6.298E+06	1.59	5.162E+06	19.34
8	1.140E+02	6.100E+06	6.023E+06	1.25	6.188E+06	-1.44	5.074E+06	16.82

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	891	1	76LU1	1	4.95E+00	2.03E+00	1.61E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	1.862E+06	1.770E+06	4.95	1.824E+06	2.03	1.563E+06	16.08	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	892	1	68KO1	1	6.35E+01	6.24E+01	6.78E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	4.855E+06	1.770E+06	63.54	1.824E+06	62.43	1.563E+06	67.82	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	893	15	67ER2	11	2.94E+01	3.77E+01	3.16E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	2.190E+06	1.770E+06	19.18	1.824E+06	16.71	1.563E+06	28.65	
2	3.953E+02	6.650E+05	8.967E+05	-34.85	9.435E+05	-41.88	8.197E+05	-23.27	
3	4.522E+02	5.090E+05	6.823E+05	-34.05	7.165E+05	-40.76	6.255E+05	-22.89	
4	5.003E+02	5.090E+05	5.524E+05	-8.52	5.842E+05	-14.77	5.118E+05	-0.55	
5	5.249E+02	4.320E+05	4.990E+05	-15.51	5.269E+05	-21.96	4.623E+05	-7.01	
6	5.728E+02	3.990E+05	4.140E+05	-3.75	4.376E+05	-9.67	3.850E+05	3.50	
7	6.374E+02	2.660E+05	3.279E+05	-23.27	3.474E+05	-30.60	3.067E+05	-15.29	
8	7.050E+02	2.220E+05	2.621E+05	-18.07	2.787E+05	-25.55	2.467E+05	-11.14	
9	7.762E+02	1.770E+05	2.112E+05	-19.30	2.246E+05	-26.88	1.993E+05	-12.61	
10	8.515E+02	9.190E+05	4.639E+05	49.52	1.822E+05	80.18	1.621E+05	82.37	
11	9.297E+02	7.530E+05	1.146E+06	-52.19	1.125E+06	-49.45	1.065E+06	-41.47	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	894	1	72KY1	1	3.33E+01	4.77E+01	5.34E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.515E+02	3.480E+05	4.639E+05	-33.30	1.822E+05	47.65	1.621E+05	53.43	

IZ= 29

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	932	24	69SO1	12	1.19E+01	8.40E+00	1.66E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.000E+02	6.800E+06	7.785E+06	-14.48	7.867E+06	-15.69	6.464E+06	4.94	
2	1.100E+02	6.800E+06	7.865E+06	-15.66	7.123E+06	-4.75	5.856E+06	13.88	
3	1.200E+02	6.600E+06	7.680E+06	-16.37	6.508E+06	1.39	5.355E+06	18.87	
4	1.300E+02	6.300E+06	6.865E+06	-8.97	6.203E+06	1.53	5.144E+06	18.35	
5	1.500E+02	5.500E+06	5.546E+06	-0.83	5.368E+06	2.39	4.475E+06	18.63	
6	2.000E+02	3.800E+06	3.793E+06	0.19	3.671E+06	3.40	3.097E+06	18.51	
7	2.500E+02	2.600E+06	2.425E+06	6.74	2.506E+06	3.62	2.133E+06	17.98	
8	3.000E+02	1.800E+06	1.708E+06	5.09	1.872E+06	-4.02	1.606E+06	10.77	
9	3.500E+02	1.500E+06	1.294E+06	13.75	1.384E+06	7.73	1.195E+06	20.35	
10	4.000E+02	1.200E+06	1.018E+06	15.16	1.076E+06	10.37	9.336E+05	22.20	
11	4.500E+02	9.000E+05	8.316E+05	7.60	8.410E+05	6.56	7.334E+05	18.51	
12	4.900E+02	6.000E+05	7.104E+05	-18.40	7.067E+05	-17.79	6.183E+05	-3.06	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	933	28	57T01	12	1.04E+02	8.68E+01	5.38E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	3.900E+06	7.785E+06	-99.61	7.867E+06	-101.71	6.464E+06	-65.74		
2	1.020E+02	3.800E+06	7.800E+06	-105.26	7.706E+06	-102.78	6.332E+06	-66.64		
3	1.040E+02	3.900E+06	7.817E+06	-100.44	7.551E+06	-93.62	6.206E+06	-59.13		
4	1.060E+02	4.100E+06	7.833E+06	-91.06	7.403E+06	-80.55	6.085E+06	-48.41		
5	1.080E+02	3.850E+06	7.849E+06	-103.88	7.260E+06	-88.57	5.968E+06	-55.02		
6	1.100E+02	3.700E+06	7.865E+06	-112.57	7.123E+06	-92.51	5.856E+06	-58.28		
7	1.120E+02	3.900E+06	7.838E+06	-100.97	6.991E+06	-79.25	5.748E+06	-47.40		
8	1.140E+02	3.800E+06	7.812E+06	-105.57	6.863E+06	-80.62	5.645E+06	-48.54		
9	1.160E+02	3.800E+06	7.786E+06	-104.89	6.741E+06	-77.39	5.545E+06	-45.91		
10	1.180E+02	3.850E+06	7.760E+06	-101.57	6.623E+06	-72.01	5.448E+06	-41.51		
11	1.200E+02	3.700E+06	7.680E+06	-107.58	6.508E+06	-75.91	5.355E+06	-44.73		
12	1.220E+02	3.500E+06	7.549E+06	-115.68	6.645E+06	-89.87	5.499E+06	-57.12		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	934	4	37HI1	4	1.67E+01	3.50E+01	4.09E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.230E+02	7.250E+05	6.284E+05	13.33	6.152E+05	15.15	5.396E+05	25.57		
2	7.040E+02	3.980E+05	3.061E+05	23.10	3.219E+05	19.13	2.853E+05	28.32		
3	8.490E+02	2.610E+05	2.100E+05	19.56	2.101E+05	19.51	1.873E+05	28.24		
4	9.280E+02	4.580E+05	4.346E+05	5.11	1.710E+05	62.67	1.528E+05	66.63		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	935	9	64CO3	4	1.52E+01	1.54E+01	2.47E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.290E+02	3.534E+05	2.909E+05	17.68	2.973E+05	15.88	2.638E+05	25.36		
2	7.750E+02	3.102E+05	2.670E+05	13.92	2.589E+05	16.54	2.302E+05	25.80		
3	8.240E+02	2.659E+05	2.275E+05	14.44	2.251E+05	15.34	2.005E+05	24.59		
4	8.860E+02	2.205E+05	1.886E+05	14.45	1.905E+05	13.62	1.700E+05	22.89		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	936	1	72KY1	1	1.60E+02	1.55E+01	2.45E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.297E+02	2.015E+05	5.244E+05	-160.26	1.703E+05	15.50	1.522E+05	24.47		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	937	1	64KH1	1	3.36E+02	2.36E+00	1.27E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.340E+02	1.725E+05	7.516E+05	-335.72	1.684E+05	2.36	1.506E+05	12.71		

IZ= 30

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1060	37	57T01	25	1.94E+02	1.92E+02	1.45E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	3.020E+06	8.546E+06	-182.98	8.546E+06	-182.99	7.149E+06	-136.72		
2	1.020E+02	2.700E+06	8.395E+06	-210.92	8.385E+06	-210.55	7.014E+06	-159.80		
3	1.040E+02	2.810E+06	8.251E+06	-193.65	8.230E+06	-192.87	6.885E+06	-145.02		
4	1.060E+02	2.710E+06	8.114E+06	-199.42	8.080E+06	-198.16	6.761E+06	-149.47		



5	1.080E+02	2.560E+06	7.981E+06	-211.75	7.936E+06	-210.00	6.641E+06	-159.40
6	1.100E+02	2.620E+06	7.851E+06	-199.65	7.797E+06	-197.61	6.525E+06	-149.04
7	1.120E+02	2.830E+06	7.726E+06	-173.01	7.663E+06	-170.79	6.413E+06	-126.62
8	1.140E+02	2.610E+06	7.607E+06	-191.44	7.534E+06	-188.67	6.306E+06	-141.60
9	1.160E+02	2.610E+06	7.490E+06	-186.98	7.410E+06	-183.89	6.202E+06	-137.61
10	1.180E+02	2.720E+06	7.376E+06	-171.19	7.289E+06	-167.98	6.101E+06	-124.31
11	1.200E+02	2.410E+06	7.268E+06	-201.58	7.172E+06	-197.61	6.004E+06	-149.13
12	1.220E+02	2.280E+06	7.162E+06	-214.13	7.060E+06	-209.63	5.910E+06	-159.21
13	1.240E+02	2.230E+06	7.059E+06	-216.54	6.951E+06	-211.68	5.819E+06	-160.95
14	1.260E+02	2.240E+06	6.960E+06	-210.71	6.845E+06	-205.57	5.731E+06	-155.85
15	1.280E+02	2.260E+06	6.863E+06	-203.69	6.742E+06	-198.34	5.646E+06	-149.81
16	1.300E+02	2.240E+06	6.769E+06	-202.18	6.643E+06	-196.57	5.563E+06	-148.34
17	1.320E+02	2.170E+06	6.683E+06	-207.98	6.547E+06	-201.70	5.483E+06	-152.65
18	1.340E+02	2.170E+06	6.599E+06	-204.12	6.453E+06	-197.39	5.405E+06	-149.06
19	1.360E+02	2.280E+06	6.517E+06	-185.84	6.363E+06	-179.06	5.329E+06	-133.73
20	1.380E+02	2.310E+06	6.439E+06	-178.74	6.276E+06	-184.66	5.240E+06	-139.85
21	1.400E+02	2.280E+06	6.360E+06	-178.97	6.191E+06	-184.70	5.171E+06	-139.94
22	1.420E+02	2.190E+06	6.286E+06	-187.02	6.104E+06	-191.53	5.102E+06	-145.77
23	1.440E+02	2.210E+06	6.212E+06	-181.11	6.022E+06	-184.24	5.037E+06	-139.70
24	1.460E+02	2.230E+06	6.141E+06	-175.38	5.943E+06	-177.26	4.976E+06	-133.89
25	1.480E+02	2.180E+06	6.071E+06	-178.48	5.868E+06	-179.25	4.917E+06	-135.65

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1061	1	68K01	1	6.57E+01	6.69E+01	7.15E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	7.424E+06	2.546E+06	65.70	2.455E+06	66.93	2.115E+06	71.51		

IZ= 31

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
31	1102	23	57T01	17	2.68E+01	4.06E+01	1.99E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	5.420E+06	7.695E+06	-41.98	8.205E+06	-51.38	6.906E+06	-27.42		
2	1.050E+02	6.710E+06	7.501E+06	-11.79	8.008E+06	-19.35	6.741E+06	-0.47		
3	1.100E+02	6.190E+06	7.300E+06	-17.92	8.155E+06	-31.75	6.893E+06	-11.36		
4	1.150E+02	5.800E+06	7.032E+06	-21.24	8.028E+06	-38.42	6.798E+06	-17.21		
5	1.200E+02	5.220E+06	6.796E+06	-30.19	7.725E+06	-47.98	6.543E+06	-25.35		
6	1.250E+02	5.210E+06	6.576E+06	-26.22	7.446E+06	-42.91	6.309E+06	-21.10		
7	1.300E+02	4.890E+06	6.371E+06	-30.29	7.188E+06	-47.00	6.093E+06	-24.61		
8	1.350E+02	4.780E+06	6.182E+06	-29.32	6.950E+06	-45.41	5.894E+06	-23.30		
9	1.400E+02	4.860E+06	6.004E+06	-23.54	6.730E+06	-38.47	5.708E+06	-17.46		
10	1.450E+02	4.620E+06	5.839E+06	-26.37	6.525E+06	-41.22	5.536E+06	-19.83		
11	1.500E+02	4.380E+06	5.685E+06	-29.79	6.333E+06	-44.60	5.376E+06	-22.73		
12	1.550E+02	4.180E+06	5.566E+06	-33.15	6.127E+06	-46.57	5.204E+06	-24.49		
13	1.600E+02	4.240E+06	5.457E+06	-28.70	6.182E+06	-45.80	5.283E+06	-24.60		
14	1.650E+02	4.280E+06	5.353E+06	-25.08	5.948E+06	-38.98	5.087E+06	-18.85		
15	1.700E+02	4.190E+06	5.255E+06	-25.41	5.733E+06	-36.82	4.906E+06	-17.09		
16	1.750E+02	4.130E+06	5.116E+06	-23.88	5.533E+06	-33.98	4.739E+06	-14.74		
17	1.800E+02	4.310E+06	4.962E+06	-15.13	5.349E+06	-24.11	4.584E+06	-6.36		

IZ= 32

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1104	39	70CA1	16	2.06E+01	3.38E+01	1.44E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.000E+02	5.870E+06	7.120E+06	-21.29	7.863E+06	-33.94	6.694E+06	-14.03		
2	1.050E+02	5.710E+06	7.032E+06	-23.16	7.761E+06	-35.91	6.608E+06	-15.72		
3	1.100E+02	5.560E+06	6.943E+06	-24.87	7.665E+06	-37.86	6.527E+06	-17.39		
4	1.150E+02	5.450E+06	6.851E+06	-25.70	7.575E+06	-38.99	6.451E+06	-18.36		
5	1.200E+02	5.480E+06	6.808E+06	-24.23	7.490E+06	-36.68	6.379E+06	-16.40		
6	1.220E+02	5.630E+06	6.791E+06	-20.62	7.457E+06	-32.45	6.351E+06	-12.80		
7	1.240E+02	5.710E+06	6.775E+06	-18.64	7.425E+06	-30.04	6.324E+06	-10.75		
8	1.250E+02	5.660E+06	6.767E+06	-19.55	7.409E+06	-30.91	6.310E+06	-11.49		
9	1.260E+02	5.640E+06	6.759E+06	-19.83	7.655E+06	-35.72	6.541E+06	-15.98		
10	1.270E+02	5.690E+06	6.751E+06	-18.64	7.612E+06	-33.78	6.505E+06	-14.33		
11	1.280E+02	5.660E+06	6.743E+06	-19.13	7.571E+06	-33.76	6.470E+06	-14.31		
12	1.300E+02	5.580E+06	6.727E+06	-20.56	7.616E+06	-36.48	6.518E+06	-16.81		
13	1.350E+02	5.470E+06	6.632E+06	-21.24	7.400E+06	-35.28	6.335E+06	-15.82		
14	1.400E+02	5.470E+06	6.469E+06	-18.27	7.199E+06	-31.61	6.166E+06	-12.73		
15	1.500E+02	5.320E+06	6.173E+06	-16.04	6.840E+06	-28.58	5.863E+06	-10.21		
16	1.570E+02	5.160E+06	5.929E+06	-14.91	6.530E+06	-26.55	5.602E+06	-8.56		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1105	22	57T01	22	1.03E+02	1.23E+02	9.14E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.000E+02	2.630E+06	7.120E+06	-170.71	7.863E+06	-198.96	6.694E+06	-154.51		
2	1.050E+02	2.690E+06	7.032E+06	-161.42	7.761E+06	-188.50	6.608E+06	-145.63		
3	1.100E+02	2.770E+06	6.943E+06	-150.64	7.665E+06	-176.72	6.527E+06	-135.62		
4	1.150E+02	2.770E+06	6.851E+06	-147.31	7.575E+06	-173.47	6.451E+06	-132.87		
5	1.200E+02	3.060E+06	6.808E+06	-122.47	7.490E+06	-144.77	6.379E+06	-108.45		
6	1.250E+02	3.980E+06	6.767E+06	-70.02	7.409E+06	-86.16	6.310E+06	-58.55		
7	1.300E+02	3.540E+06	6.727E+06	-90.04	7.616E+06	-115.14	6.518E+06	-84.12		
8	1.350E+02	3.370E+06	6.632E+06	-96.80	7.400E+06	-119.57	6.335E+06	-87.99		
9	1.400E+02	3.590E+06	6.469E+06	-80.20	7.199E+06	-100.54	6.166E+06	-71.76		
10	1.450E+02	3.070E+06	6.317E+06	-105.76	7.013E+06	-128.45	6.009E+06	-95.74		
11	1.500E+02	3.300E+06	6.173E+06	-87.07	6.840E+06	-107.28	5.863E+06	-77.68		
12	1.550E+02	3.450E+06	6.000E+06	-73.92	6.615E+06	-91.75	5.673E+06	-64.45		
13	1.600E+02	3.500E+06	5.826E+06	-66.46	6.407E+06	-83.07	5.498E+06	-57.09		
14	1.650E+02	3.230E+06	5.662E+06	-75.28	6.215E+06	-92.42	5.336E+06	-65.20		
15	1.700E+02	3.130E+06	5.506E+06	-75.91	6.037E+06	-92.88	5.186E+06	-65.69		
16	1.750E+02	2.990E+06	5.448E+06	-82.20	5.872E+06	-96.39	5.047E+06	-68.79		
17	1.800E+02	2.930E+06	5.436E+06	-85.54	5.964E+06	-103.57	5.153E+06	-75.88		
18	1.850E+02	2.890E+06	5.351E+06	-85.16	5.782E+06	-100.07	4.999E+06	-72.96		
19	1.900E+02	2.770E+06	5.195E+06	-87.55	5.599E+06	-102.12	4.843E+06	-74.85		
20	1.950E+02	2.770E+06	5.028E+06	-81.53	5.428E+06	-95.97	4.699E+06	-69.63		
21	2.000E+02	2.680E+06	4.869E+06	-81.67	5.269E+06	-96.61	4.564E+06	-70.30		
22	2.050E+02	2.540E+06	4.717E+06	-85.72	5.065E+06	-99.41	4.389E+06	-72.81		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1106	17	67ER2	12	1.61E+01	1.95E+01	1.16E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.833E+02	3.950E+06	5.397E+06	-36.63	5.847E+06	-48.04	5.054E+06	-27.95		
2	2.770E+02	2.720E+06	3.072E+06	-12.94	3.203E+06	-17.76	2.797E+06	-2.85		
3	3.953E+02	1.390E+06	1.669E+06	-20.05	1.714E+06	-23.29	1.511E+06	-8.74		



4	4.522E+02	1.110E+06	1.282E+06	-15.52	1.305E+06	-17.53	1.155E+06	-4.04
5	5.003E+02	1.040E+06	1.045E+06	-0.50	1.065E+06	-2.44	9.457E+05	9.06
6	5.249E+02	7.950E+05	9.482E+05	-19.27	9.605E+05	-20.82	8.538E+05	-7.39
7	5.728E+02	7.730E+05	7.892E+05	-2.10	7.974E+05	-3.16	7.105E+05	8.09
8	6.374E+02	6.620E+05	6.282E+05	5.10	6.324E+05	4.47	5.651E+05	14.64
9	7.050E+02	4.190E+05	5.038E+05	-20.24	5.068E+05	-20.97	4.541E+05	-8.38
10	7.762E+02	3.750E+05	4.079E+05	-8.78	4.078E+05	-8.75	3.663E+05	2.33
11	8.515E+02	3.090E+05	3.299E+05	-6.77	3.301E+05	-6.83	2.972E+05	3.83
12	9.297E+02	2.870E+05	2.688E+05	6.33	2.696E+05	6.07	2.432E+05	15.26

IZ= 33

IZ= 34

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
34	1127	47	62VO1	6	3.57E+02	3.49E+02	2.91E+02			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.000E+02	1.360E+06	5.092E+06	-274.42	5.130E+06	-277.19	4.435E+06	-226.10		
2	1.040E+02	8.980E+05	5.332E+06	-493.82	5.265E+06	-486.33	4.554E+06	-407.08		
3	1.067E+02	8.160E+05	5.497E+06	-573.61	5.356E+06	-556.40	4.633E+06	-467.80		
4	1.087E+02	1.330E+06	5.583E+06	-319.74	5.423E+06	-307.77	4.692E+06	-252.79		
5	1.090E+02	2.670E+06	5.594E+06	-109.53	5.433E+06	-103.50	4.701E+06	-76.06		
6	1.096E+02	3.400E+06	5.618E+06	-65.25	5.453E+06	-60.40	4.718E+06	-38.78		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
34	1128	35	70CA1	15	5.73E+01	6.52E+01	4.41E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.000E+02	3.840E+06	5.092E+06	-32.61	5.130E+06	-33.59	4.435E+06	-15.49		
2	1.100E+02	4.220E+06	5.634E+06	-33.51	5.467E+06	-29.55	4.730E+06	-12.09		
3	1.200E+02	4.340E+06	5.828E+06	-34.28	5.799E+06	-33.62	5.021E+06	-15.69		
4	1.300E+02	4.250E+06	6.021E+06	-41.66	6.126E+06	-44.14	5.307E+06	-24.87		
5	1.400E+02	4.060E+06	6.204E+06	-52.80	6.449E+06	-58.83	5.589E+06	-37.65		
6	1.500E+02	3.790E+06	6.352E+06	-67.60	6.766E+06	-78.54	5.866E+06	-54.78		
7	1.560E+02	3.710E+06	6.317E+06	-70.28	6.636E+06	-78.86	5.753E+06	-55.08		
8	1.580E+02	3.710E+06	6.305E+06	-69.95	6.594E+06	-77.73	5.717E+06	-54.10		
9	1.600E+02	3.790E+06	6.293E+06	-66.04	6.553E+06	-72.90	5.682E+06	-49.91		
10	1.620E+02	3.840E+06	6.281E+06	-63.57	6.513E+06	-69.60	5.647E+06	-47.05		
11	1.640E+02	3.840E+06	6.269E+06	-63.26	6.727E+06	-75.19	5.851E+06	-52.38		
12	1.660E+02	3.870E+06	6.257E+06	-61.69	6.689E+06	-72.84	5.820E+06	-50.38		
13	1.680E+02	3.930E+06	6.246E+06	-58.93	6.662E+06	-69.53	5.799E+06	-47.55		
14	1.700E+02	3.910E+06	6.235E+06	-59.45	6.752E+06	-72.69	5.886E+06	-50.55		
15	1.720E+02	3.840E+06	6.204E+06	-61.57	6.692E+06	-74.28	5.835E+06	-51.96		

IZ= 35

IZ= 36

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
36	1148	11	64LU1	7	4.64E+01	4.95E+01	3.61E+01

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.141E+02	2.488E+06	2.025E+06	18.61	1.567E+06	37.01	1.350E+06	45.74
2	1.512E+02	3.318E+06	5.409E+06	-63.03	5.355E+06	-61.40	4.698E+06	-41.58
3	1.717E+02	3.474E+06	5.546E+06	-59.65	5.578E+06	-60.57	4.897E+06	-40.97
4	1.927E+02	3.639E+06	5.614E+06	-54.27	5.795E+06	-59.25	5.091E+06	-39.90
5	2.792E+02	3.207E+06	4.571E+06	-42.52	4.856E+06	-51.41	4.327E+06	-34.92
6	3.948E+02	1.999E+06	2.846E+06	-42.38	2.814E+06	-40.75	2.524E+06	-26.29
7	5.253E+02	1.322E+06	1.652E+06	-24.96	1.620E+06	-22.52	1.461E+06	-10.53

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
36	1149	21	75LA1	13	5.90E+00	1.63E+01	2.28E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.016E+02	1.350E+06	1.317E+06	2.44	1.045E+06	22.61	8.863E+05	34.35	
2	1.057E+02	1.530E+06	1.531E+06	-0.04	1.187E+06	22.45	1.012E+06	33.83	
3	1.145E+02	2.250E+06	2.051E+06	8.84	1.589E+06	29.39	1.369E+06	39.16	
4	1.242E+02	2.990E+06	2.815E+06	5.85	2.223E+06	25.66	1.930E+06	35.45	
5	1.333E+02	3.950E+06	3.495E+06	11.51	3.049E+06	22.82	2.660E+06	32.65	
6	1.433E+02	4.580E+06	4.610E+06	-0.65	4.283E+06	6.49	3.750E+06	18.12	
7	1.544E+02	5.100E+06	5.467E+06	-7.19	5.391E+06	-5.70	4.730E+06	7.26	
8	1.802E+02	5.210E+06	5.581E+06	-7.11	5.667E+06	-8.78	4.977E+06	4.48	
9	1.956E+02	5.320E+06	5.593E+06	-5.12	5.824E+06	-9.48	5.117E+06	3.82	
10	2.060E+02	5.320E+06	5.469E+06	-2.79	5.751E+06	-8.10	5.053E+06	5.01	
11	2.260E+02	5.580E+06	5.206E+06	6.71	5.837E+06	-4.60	5.169E+06	7.37	
12	2.320E+02	5.320E+06	5.128E+06	3.62	5.677E+06	-6.70	5.029E+06	5.48	
13	2.540E+02	4.990E+06	4.867E+06	2.46	5.166E+06	-3.52	4.581E+06	8.19	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
36	1150	13	69HA3	11	1.41E+01	2.50E+01	2.80E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	1.320E+06	1.278E+06	3.21	9.962E+05	24.53	8.431E+05	36.13	
2	1.050E+02	1.550E+06	1.491E+06	3.83	1.160E+06	25.13	9.892E+05	36.18	
3	1.100E+02	2.000E+06	1.771E+06	11.44	1.365E+06	31.75	1.171E+06	41.46	
4	1.150E+02	2.230E+06	2.084E+06	6.57	1.616E+06	27.53	1.393E+06	37.52	
5	1.200E+02	2.550E+06	2.504E+06	1.81	1.920E+06	24.69	1.663E+06	34.80	
6	1.250E+02	2.960E+06	2.872E+06	2.99	2.286E+06	22.79	1.986E+06	32.92	
7	1.500E+02	4.050E+06	5.385E+06	-32.97	5.342E+06	-31.90	4.686E+06	-15.70	
8	2.000E+02	4.400E+06	5.540E+06	-25.92	5.868E+06	-33.36	5.156E+06	-17.18	
9	2.500E+02	4.400E+06	4.912E+06	-11.63	5.251E+06	-19.33	4.656E+06	-5.81	
10	3.000E+02	3.900E+06	4.153E+06	-6.49	4.426E+06	-13.49	3.951E+06	-1.31	
11	4.000E+02	2.600E+06	2.781E+06	-6.96	2.756E+06	-5.99	2.473E+06	4.88	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
36	1151	11	67HE1	9	7.06E+00	1.17E+01	1.67E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	1.809E+06	1.710E+06	5.46	1.316E+06	27.24	1.128E+06	37.67	
2	1.472E+02	4.508E+06	5.101E+06	-13.15	4.874E+06	-8.12	4.273E+06	5.22	
3	1.826E+02	4.981E+06	5.590E+06	-12.23	5.692E+06	-14.28	4.999E+06	-0.36	
4	2.780E+02	4.369E+06	4.593E+06	-5.13	4.718E+06	-7.99	4.190E+06	4.09	
5	3.914E+02	2.992E+06	2.884E+06	3.62	2.853E+06	4.66	2.559E+06	14.47	
6	5.260E+02	1.711E+06	1.648E+06	3.71	1.615E+06	5.60	1.457E+06	14.83	
7	6.768E+02	1.012E+06	9.695E+05	4.20	9.516E+05	5.96	8.628E+05	14.75	
8	7.749E+02	7.580E+05	7.250E+05	4.36	7.070E+05	6.72	6.427E+05	15.21	
9	9.287E+02	4.940E+05	4.815E+05	2.53	4.697E+05	4.92	4.284E+05	13.28	



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
36	1152	1	31DE1	1	4.22E+00	7.01E+00	4.97E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	2.770E+02	4.425E+06	4.612E+06	-4.22	4.735E+06	-7.01	4.205E+06			4.97

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
36	1153	205	69WU1	27	3.24E+00	5.41E+00	1.37E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.250E+02	6.660E+05	6.296E+05	5.46	6.146E+05	7.71	5.594E+05			16.01
2	8.300E+02	6.550E+05	6.211E+05	5.17	6.063E+05	7.44	5.518E+05			15.76
3	8.360E+02	6.400E+05	6.109E+05	4.55	5.964E+05	6.81	5.429E+05			15.17
4	8.420E+02	6.310E+05	6.012E+05	4.72	5.868E+05	7.00	5.343E+05			15.33
5	8.470E+02	6.230E+05	5.933E+05	4.77	5.790E+05	7.06	5.272E+05			15.37
6	8.530E+02	6.100E+05	5.838E+05	4.29	5.699E+05	6.58	5.189E+05			14.93
7	8.590E+02	6.000E+05	5.745E+05	4.25	5.609E+05	6.52	5.109E+05			14.86
8	8.650E+02	5.890E+05	5.657E+05	3.95	5.522E+05	6.25	5.030E+05			14.61
9	8.710E+02	5.790E+05	5.570E+05	3.81	5.436E+05	6.11	4.953E+05			14.46
10	8.770E+02	5.680E+05	5.482E+05	3.49	5.353E+05	5.76	4.877E+05			14.13
11	8.840E+02	5.570E+05	5.385E+05	3.32	5.258E+05	5.60	4.792E+05			13.97
12	8.900E+02	5.500E+05	5.304E+05	3.56	5.179E+05	5.84	4.720E+05			14.18
13	8.960E+02	5.380E+05	5.223E+05	2.91	5.101E+05	5.18	4.650E+05			13.57
14	9.030E+02	5.270E+05	5.131E+05	2.64	5.012E+05	4.90	4.569E+05			13.30
15	9.100E+02	5.180E+05	5.044E+05	2.63	4.923E+05	4.96	4.489E+05			13.34
16	9.160E+02	5.080E+05	4.969E+05	2.19	4.849E+05	4.55	4.422E+05			12.96
17	9.230E+02	4.980E+05	4.882E+05	1.97	4.764E+05	4.34	4.345E+05			12.75
18	9.300E+02	4.910E+05	4.800E+05	2.25	4.682E+05	4.65	4.270E+05			13.03
19	9.370E+02	4.840E+05	4.718E+05	2.53	4.601E+05	4.93	4.198E+05			13.27
20	9.440E+02	4.740E+05	4.636E+05	2.20	4.523E+05	4.58	4.127E+05			12.93
21	9.520E+02	4.630E+05	4.547E+05	1.78	4.436E+05	4.19	4.048E+05			12.56
22	9.590E+02	4.540E+05	4.471E+05	1.52	4.362E+05	3.92	3.981E+05			12.31
23	9.660E+02	4.440E+05	4.395E+05	1.02	4.290E+05	3.38	3.916E+05			11.81
24	9.740E+02	4.360E+05	4.312E+05	1.09	4.209E+05	3.45	3.843E+05			11.86
25	9.820E+02	4.280E+05	4.232E+05	1.13	4.131E+05	3.47	3.772E+05			11.86
26	9.900E+02	4.190E+05	4.151E+05	0.92	4.055E+05	3.21	3.704E+05			11.61
27	9.980E+02	4.110E+05	4.075E+05	0.84	3.981E+05	3.13	3.637E+05			11.52

IZ= 37

IZ= 38

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
38	1157	1	68KO1	1	2.84E+01	2.71E+01	2.93E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	2.770E+02	7.129E+06	5.104E+06	28.40	5.199E+06	27.07	5.042E+06			29.27

IZ= 39

IZ= 40



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1162	17	67ZH1	15	2.02E+01	4.33E+01	4.68E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	1.910E+06	1.555E+06	18.60	6.741E+05	64.71	5.867E+05	69.28		
2	1.328E+02	1.690E+06	1.404E+06	16.95	6.366E+05	62.33	5.538E+05	67.23		
3	1.511E+02	1.620E+06	1.292E+06	20.26	6.088E+05	62.42	5.292E+05	67.33		
4	1.717E+02	1.480E+06	1.213E+06	18.03	5.554E+05	62.47	4.828E+05	67.38		
5	1.833E+02	1.530E+06	1.252E+06	18.16	5.302E+05	65.35	4.609E+05	69.88		
6	1.926E+02	1.620E+06	1.331E+06	17.87	7.065E+05	56.39	6.314E+05	61.02		
7	2.122E+02	3.030E+06	2.366E+06	21.90	1.300E+06	57.08	1.203E+06	60.29		
8	2.770E+02	4.190E+06	3.262E+06	22.14	3.381E+06	19.30	3.202E+06	23.58		
9	3.027E+02	4.420E+06	3.438E+06	22.23	4.750E+06	-7.46	4.512E+06	-2.09		
10	3.924E+02	3.880E+06	3.081E+06	20.60	3.948E+06	-1.75	3.768E+06	2.89		
11	4.522E+02	3.200E+06	2.587E+06	19.16	3.263E+06	-1.97	3.117E+06	2.59		
12	5.249E+02	2.820E+06	2.230E+06	20.93	2.490E+06	11.71	2.380E+06	15.61		
13	5.728E+02	2.470E+06	1.918E+06	22.33	2.102E+06	14.91	2.010E+06	18.64		
14	7.050E+02	1.690E+06	1.327E+06	21.48	1.376E+06	18.58	1.317E+06	22.09		
15	7.762E+02	1.410E+06	1.118E+06	20.72	1.118E+06	20.70	1.070E+06	24.09		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1163	2	76LU1	1	1.75E+01	1.45E+01	1.90E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	3.954E+06	3.262E+06	17.50	3.381E+06	14.49	3.202E+06	19.02		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1164	1	68K01	1	4.56E+00	8.37E+00	2.63E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	3.120E+06	3.262E+06	-4.56	3.381E+06	-8.37	3.202E+06	-2.63		

IZ= 41

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1187	2	76LU1	1	1.43E+01	2.09E+01	2.53E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	3.456E+06	2.963E+06	14.28	2.733E+06	20.92	2.581E+06	25.31		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1188	1	68K01	1	2.40E+01	1.43E+01	8.01E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	2.390E+06	2.963E+06	-23.95	2.733E+06	-14.35	2.581E+06	-8.01		

IZ= 42

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
42	1200	18	67ZH1	15	4.32E+00	2.40E+01	2.69E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	1.170E+06	1.199E+06	-2.51	7.615E+05	34.92	6.717E+05	42.59		
2	1.328E+02	1.110E+06	1.091E+06	1.70	7.655E+05	31.04	6.736E+05	39.32		
3	1.511E+02	9.900E+05	1.010E+06	-2.00	7.809E+05	21.12	6.855E+05	30.76		
4	1.717E+02	9.020E+05	9.215E+05	-2.17	7.389E+05	18.08	6.481E+05	28.15		

5	1.833E+02	8.310E+05	8.934E+05	-7.51	7.189E+05	13.49	6.303E+05	24.15
6	1.926E+02	8.310E+05	8.733E+05	-5.10	7.045E+05	15.23	6.174E+05	25.70
7	2.122E+02	7.780E+05	8.455E+05	-8.67	6.612E+05	15.01	5.793E+05	25.54
8	2.770E+02	2.740E+06	2.596E+06	5.24	2.045E+06	25.37	1.920E+06	29.94
9	3.027E+02	3.270E+06	3.255E+06	0.46	4.785E+06	-46.34	4.554E+06	-39.26
10	3.924E+02	3.250E+06	3.195E+06	1.69	4.292E+06	-32.08	4.100E+06	-26.17
11	4.522E+02	2.790E+06	2.771E+06	0.69	3.668E+06	-31.46	3.510E+06	-25.79
12	5.249E+02	2.630E+06	2.645E+06	-0.58	2.990E+06	-13.69	2.864E+06	-8.89
13	5.728E+02	2.460E+06	2.301E+06	6.45	2.542E+06	-3.32	2.435E+06	1.01
14	7.050E+02	1.660E+06	1.621E+06	2.35	1.685E+06	-1.48	1.615E+06	2.70
15	7.762E+02	1.310E+06	1.377E+06	-5.09	1.373E+06	-4.80	1.317E+06	-0.51

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1201	2	76LU1	1	8.90E+00	2.83E+01	3.26E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	2.850E+06	2.596E+06		8.90	2.045E+06	28.25	1.920E+06	32.64

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1202	1	68KO1	1	3.04E+01	2.70E+00	3.58E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	1.991E+06	2.596E+06		-30.41	2.045E+06	-2.70	1.920E+06	3.58

IZ= 43

IZ= 44

IZ= 45

IZ= 46

IZ= 47

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1248	22	68MA1	9	1.04E+01	4.05E+01	4.40E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.000E+02	6.500E+06	6.602E+06		-1.57	1.205E+06	81.47	1.072E+06	83.51
2	1.100E+02	3.200E+06	3.275E+06		-2.33	1.169E+06	63.48	1.046E+06	67.31
3	1.200E+02	1.200E+06	1.334E+06		-11.13	1.101E+06	8.22	9.858E+05	17.85
4	1.300E+02	8.000E+05	8.238E+05		-2.97	1.045E+06	-30.62	9.353E+05	-16.91
5	1.400E+02	1.100E+06	8.579E+05		22.01	9.969E+05	9.37	8.923E+05	18.88
6	1.700E+02	1.430E+06	1.221E+06		14.61	1.007E+06	29.61	8.996E+05	37.09
7	1.900E+02	1.430E+06	1.305E+06		8.71	1.066E+06	25.47	9.510E+05	33.50
8	2.100E+02	1.410E+06	1.307E+06		7.28	1.073E+06	23.88	9.568E+05	32.14
9	2.340E+02	1.450E+06	1.407E+06		2.94	1.021E+06	29.59	9.099E+05	37.25

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1249	17	67ZH1	15	7.89E+01	5.61E+01	4.81E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR



1	1.140E+02	1.230E+06	2.255E+06	-83.32	1.140E+06	7.30	1.021E+06	17.03
2	1.328E+02	7.000E+05	8.334E+05	-19.06	1.031E+06	-47.25	9.226E+05	-31.79
3	1.511E+02	7.170E+05	1.072E+06	-49.57	9.581E+05	-33.63	8.575E+05	-19.59
4	1.717E+02	7.680E+05	1.236E+06	-60.96	1.011E+06	-31.68	9.037E+05	-17.67
5	1.833E+02	7.680E+05	1.308E+06	-70.36	1.045E+06	-36.08	9.330E+05	-21.49
6	1.926E+02	8.030E+05	1.304E+06	-62.43	1.074E+06	-33.75	9.581E+05	-19.32
7	2.122E+02	8.200E+05	1.309E+06	-59.60	1.068E+06	-30.25	9.522E+05	-16.12
8	2.770E+02	7.510E+05	1.465E+06	-95.10	9.460E+05	-25.97	8.426E+05	-12.20
9	3.027E+02	7.510E+05	1.463E+06	-94.86	9.043E+05	-20.41	8.052E+05	-7.22
10	3.924E+02	6.490E+05	1.338E+06	-106.22	9.752E+05	-50.26	8.912E+05	-37.31
11	4.522E+02	1.840E+06	3.301E+06	-79.39	2.100E+06	-14.14	1.988E+06	-8.07
12	5.249E+02	1.760E+06	3.311E+06	-88.13	3.583E+06	-103.60	3.429E+06	-94.85
13	5.728E+02	1.690E+06	3.182E+06	-88.25	3.348E+06	-98.10	3.212E+06	-90.05
14	7.050E+02	1.400E+06	2.668E+06	-90.56	2.602E+06	-85.85	2.502E+06	-78.73
15	7.762E+02	1.140E+06	2.168E+06	-90.20	2.147E+06	-88.35	2.065E+06	-81.18

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1250	5	64LU1	5	2.82E+01	2.43E+01	2.88E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.097E+02	2.355E+06	3.355E+06	-42.47	1.171E+06	50.28	1.048E+06	55.50	
2	1.850E+02	1.148E+06	1.308E+06	-13.90	1.050E+06	8.51	9.375E+05	18.33	
3	2.820E+02	1.136E+06	1.466E+06	-29.04	9.385E+05	17.39	8.358E+05	26.42	
4	3.950E+02	1.017E+06	1.360E+06	-33.72	1.052E+06	-3.41	9.657E+05	5.05	
5	5.250E+02	3.380E+06	3.311E+06	2.05	3.582E+06	-5.98	3.428E+06	-1.43	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1251	1	76LU1	1	2.38E+01	2.01E+01	2.88E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.184E+06	1.465E+06	-23.75	9.460E+05	20.10	8.426E+05	28.83	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1252	1	68KO1	1	3.84E+01	6.03E+01	6.46E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	2.380E+06	1.465E+06	38.44	9.460E+05	60.25	8.426E+05	64.60	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1253	1	76LU1	1	2.38E+01	2.01E+01	2.88E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.184E+06	1.465E+06	-23.75	9.460E+05	20.10	8.426E+05	28.83	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1254	10	64CO3	4	4.63E+00	5.00E+00	7.46E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.750E+02	2.060E+06	2.176E+06	-5.62	2.154E+06	-4.55	2.072E+06	-0.57	
2	8.240E+02	1.952E+06	1.918E+06	1.74	1.902E+06	2.58	1.830E+06	6.27	
3	8.860E+02	1.734E+06	1.650E+06	4.83	1.635E+06	5.71	1.573E+06	9.26	
4	9.570E+02	1.479E+06	1.401E+06	5.28	1.385E+06	6.34	1.333E+06	9.85	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1255	2	37HI1	2	1.11E+01	1.18E+01	1.44E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.490E+02	1.800E+06	1.804E+06	-0.21	1.787E+06	0.75	1.719E+06	4.50	
2	9.280E+02	1.777E+06	1.497E+06	15.75	1.481E+06	16.67	1.425E+06	19.80	

IZ= 48

IZ= 49

IZ= 50

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1347	28	66CO1	1	3.97E+01	8.14E+01	8.33E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.080E+02	1.070E+07		1.495E+07	-39.75	1.992E+06	81.39	1.783E+06		83.34

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1348	17	68HA1	9	2.19E+01	6.77E+01	6.86E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.000E+02	1.620E+07		1.889E+07	-16.62	2.665E+06	83.55	2.380E+06		85.31
2	1.100E+02	1.250E+07		1.412E+07	-13.00	1.872E+06	85.03	1.675E+06		86.60
3	1.200E+02	1.030E+07		1.013E+07	1.66	1.408E+06	86.33	1.260E+06		87.76
4	1.300E+02	9.200E+06		8.293E+06	9.85	1.101E+06	88.03	9.849E+05		89.29
5	1.400E+02	6.200E+06		5.442E+06	12.22	8.884E+05	85.67	7.942E+05		87.19
6	1.500E+02	2.200E+06		2.156E+06	1.98	1.019E+06	53.70	9.170E+05		58.32
7	1.600E+02	1.100E+06		1.339E+06	-21.75	1.056E+06	4.00	9.509E+05		13.55
8	1.800E+02	1.100E+06		1.322E+06	-20.21	1.147E+06	-4.28	1.033E+06		6.09
9	2.000E+02	9.000E+05		1.371E+06	-52.29	1.259E+06	-39.86	1.133E+06		-25.93

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1349	12	66LU2	8	4.42E+01	5.70E+01	6.06E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.140E+02	1.260E+07		1.222E+07	3.04	1.662E+06	86.81	1.487E+06		88.19
2	1.328E+02	4.790E+06		7.866E+06	-64.21	1.034E+06	78.42	9.247E+05		80.70
3	1.511E+02	3.080E+06		2.031E+06	34.07	1.022E+06	66.81	9.205E+05		70.11
4	1.717E+02	2.080E+06		1.299E+06	37.53	1.107E+06	46.79	9.967E+05		52.08
5	1.926E+02	1.970E+06		1.367E+06	30.60	1.215E+06	38.32	1.094E+06		44.46
6	2.770E+02	1.780E+06		1.245E+06	30.07	1.185E+06	33.43	1.067E+06		40.06
7	3.924E+02	1.190E+06		9.367E+05	21.29	9.102E+05	23.52	8.198E+05		31.11
8	5.249E+02	2.510E+06		4.551E+06	-81.33	1.243E+06	50.46	1.164E+06		53.63

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IZ= 52

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
52	1432	34	55WO1	3	4.94E+01	8.92E+01	9.03E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.030E+02	2.060E+07		1.776E+07	13.78	3.488E+06	83.07	3.135E+06		84.78
2	1.130E+02	1.900E+07		1.103E+07	41.92	1.674E+06	91.19	1.495E+06		92.13
3	1.240E+02	1.820E+07		4.851E+06	73.35	1.264E+06	93.05	1.134E+06		93.77



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
52	1433	23	73SO1	9	1.39E+01	4.93E+01	5.16E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	2.000E+07	2.000E+07		-0.02	4.430E+06	77.85	3.987E+06	80.06	
2	1.100E+02	1.360E+07	1.360E+07		0.01	2.065E+06	84.81	1.849E+06	86.41	
3	1.200E+02	6.800E+06	6.753E+06		0.70	1.060E+06	84.42	9.396E+05	86.18	
4	1.400E+02	1.390E+06	1.390E+06		0.01	1.063E+06	23.54	9.530E+05	31.44	
5	1.600E+02	1.010E+06	1.153E+06		-14.20	9.835E+05	2.62	8.827E+05	12.60	
6	1.800E+02	1.050E+06	1.415E+06		-34.73	1.207E+06	-14.92	1.091E+06	-3.89	
7	2.000E+02	1.360E+06	1.490E+06		-9.54	1.326E+06	2.50	1.201E+06	11.72	
8	2.200E+02	1.560E+06	1.488E+06		4.64	1.321E+06	15.35	1.196E+06	23.32	
9	2.500E+02	1.690E+06	1.445E+06		14.49	1.319E+06	21.96	1.195E+06	29.27	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
52	1434	12	66LU2	8	2.71E+01	4.42E+01	4.78E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	1.040E+07	1.029E+07		1.07	1.564E+06	84.96	1.395E+06	86.59	
2	1.328E+02	4.030E+06	2.399E+06		40.48	1.150E+06	71.46	1.032E+06	74.40	
3	1.511E+02	1.250E+06	1.038E+06		17.00	9.620E+05	23.04	8.625E+05	31.00	
4	1.717E+02	9.830E+05	1.358E+06		-38.20	1.023E+06	-4.06	9.192E+05	6.49	
5	1.926E+02	1.320E+06	1.478E+06		-11.99	1.280E+06	3.06	1.158E+06	12.27	
6	2.770E+02	2.100E+06	1.408E+06		32.93	1.322E+06	37.04	1.199E+06	42.92	
7	3.924E+02	1.490E+06	1.089E+06		26.91	1.066E+06	28.48	9.667E+05	35.12	
8	5.249E+02	9.830E+05	7.551E+05		23.18	7.443E+05	24.28	6.755E+05	31.28	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
52	1436	189	61NO2	1	1.41E+03	1.38E+03	1.25E+03			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.340E+02	6.400E+04	9.668E+05		-1410.66	9.494E+05	-1383.48	8.614E+05	-1245.98	

IZ= 53

IZ= 54

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1456	87	64ED1	15	1.38E+01	7.95E+01	8.15E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.040E+02	3.200E+07	2.592E+07		19.00	6.732E+06	78.96	6.130E+06	80.84	
2	1.055E+02	3.150E+07	2.520E+07		20.01	6.050E+06	80.80	5.505E+06	82.52	
3	1.080E+02	2.250E+07	2.381E+07		-5.82	5.083E+06	77.41	4.621E+06	79.46	
4	1.130E+02	2.050E+07	2.031E+07		0.95	3.644E+06	82.23	3.305E+06	83.88	
5	1.165E+02	1.750E+07	1.752E+07		-0.12	2.921E+06	83.31	2.644E+06	84.89	
6	1.185E+02	1.700E+07	1.592E+07		6.35	2.585E+06	84.79	2.337E+06	86.25	
7	1.230E+02	1.750E+07	1.213E+07		30.68	1.986E+06	88.65	1.790E+06	89.77	
8	1.245E+02	1.250E+07	1.104E+07		11.72	1.825E+06	85.40	1.643E+06	86.85	
9	1.275E+02	1.000E+07	9.042E+06		9.58	1.550E+06	84.50	1.392E+06	86.08	
10	1.285E+02	8.800E+06	8.487E+06		3.56	1.469E+06	83.30	1.318E+06	85.02	
11	1.360E+02	5.200E+06	5.219E+06		-0.36	1.010E+06	80.57	8.997E+05	82.70	
12	1.375E+02	4.100E+06	4.779E+06		-16.56	9.421E+05	77.02	8.375E+05	79.57	
13	1.455E+02	2.900E+06	2.912E+06		-0.41	6.668E+05	77.01	5.868E+05	79.76	
14	1.490E+02	2.600E+06	2.365E+06		9.05	9.534E+05	63.33	8.559E+05	67.08	

15 1.540E+02 2.300E+06 1.800E+06 21.75 9.458E+05 58.88 8.498E+05 63.05

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1457	12	64LU1	8	1.22E+01	3.88E+01	3.80E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.141E+02	2.681E+07	1.940E+07	27.63	3.396E+06	87.33	3.078E+06	88.52		
2	1.512E+02	1.855E+06	2.098E+06	-13.11	9.498E+05	48.80	8.530E+05	54.02		
3	1.717E+02	9.961E+05	9.756E+05	2.06	1.093E+06	-9.74	9.841E+05	1.21		
4	1.927E+02	8.666E+05	9.369E+05	-8.11	1.173E+06	-35.33	1.059E+06	-22.21		
5	2.119E+02	1.118E+06	1.112E+06	0.53	1.384E+06	-23.82	1.258E+06	-12.50		
6	2.792E+02	1.378E+06	1.474E+06	-6.99	1.441E+06	-4.60	1.314E+06	4.66		
7	3.948E+02	1.118E+06	1.244E+06	-11.26	1.211E+06	-8.32	1.105E+06	1.14		
8	5.253E+02	8.888E+05	9.142E+05	-2.86	8.710E+05	2.00	7.952E+05	10.54		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1458	21	75LA1	13	6.98E+00	5.51E+01	5.63E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.020E+02	2.550E+07	2.652E+07	-4.00	7.787E+06	69.46	7.095E+06	72.18		
2	1.086E+02	2.200E+07	2.341E+07	-6.42	4.879E+06	77.82	4.434E+06	79.84		
3	1.161E+02	1.660E+07	1.783E+07	-7.38	2.994E+06	81.96	2.711E+06	83.67		
4	1.242E+02	1.050E+07	1.124E+07	-7.06	1.856E+06	82.32	1.671E+06	84.08		
5	1.352E+02	4.760E+06	5.512E+06	-15.80	1.049E+06	77.95	9.353E+05	80.35		
6	1.476E+02	2.320E+06	2.559E+06	-10.30	6.135E+05	73.55	5.384E+05	76.79		
7	1.544E+02	1.660E+06	1.768E+06	-6.52	9.452E+05	43.06	8.493E+05	48.84		
8	1.666E+02	1.080E+06	1.089E+06	-0.87	1.078E+06	0.15	9.699E+05	10.19		
9	1.802E+02	8.750E+05	8.974E+05	-2.56	1.122E+06	-28.21	1.011E+06	-15.57		
10	1.956E+02	9.490E+05	9.579E+05	-0.93	1.186E+06	-24.97	1.072E+06	-12.91		
11	2.130E+02	1.180E+06	1.123E+06	4.86	1.385E+06	-17.37	1.258E+06	-6.65		
12	2.320E+02	1.340E+06	1.288E+06	3.88	1.399E+06	-4.37	1.272E+06	5.06		
13	2.540E+02	1.490E+06	1.414E+06	5.13	1.417E+06	4.88	1.290E+06	13.39		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1459	32	69HA3	25	1.50E+01	6.31E+01	6.55E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	2.860E+07	2.691E+07	5.90	9.039E+06	68.39	8.240E+06	71.19		
2	1.050E+02	2.700E+07	2.544E+07	5.78	6.268E+06	76.79	5.705E+06	78.87		
3	1.100E+02	2.300E+07	2.248E+07	2.25	4.439E+06	80.70	4.032E+06	82.47		
4	1.150E+02	1.870E+07	1.866E+07	0.19	3.207E+06	82.85	2.906E+06	84.46		
5	1.200E+02	1.410E+07	1.455E+07	-3.18	2.364E+06	83.24	2.135E+06	84.86		
6	1.250E+02	1.080E+07	1.069E+07	1.00	1.775E+06	83.56	1.598E+06	85.21		
7	1.300E+02	7.700E+06	7.654E+06	0.60	1.359E+06	82.35	1.217E+06	84.19		
8	1.350E+02	5.400E+06	5.586E+06	-3.44	1.060E+06	80.38	9.445E+05	82.51		
9	1.400E+02	3.960E+06	4.046E+06	-2.17	8.415E+05	78.75	7.458E+05	81.17		
10	1.410E+02	3.760E+06	3.818E+06	-1.53	8.053E+05	78.58	7.129E+05	81.04		
11	1.418E+02	4.160E+06	3.635E+06	12.62	7.779E+05	81.30	6.879E+05	83.46		
12	1.430E+02	3.160E+06	3.361E+06	-6.37	7.392E+05	76.61	6.527E+05	79.35		
13	1.437E+02	3.400E+06	3.235E+06	4.84	7.178E+05	78.89	6.333E+05	81.37		
14	1.450E+02	3.150E+06	3.002E+06	4.71	6.804E+05	78.40	5.992E+05	80.98		
15	1.500E+02	2.320E+06	2.226E+06	4.05	9.517E+05	58.98	8.545E+05	63.17		
16	1.600E+02	1.700E+06	1.371E+06	19.34	9.378E+05	44.84	8.435E+05	50.38		
17	1.800E+02	1.140E+06	8.980E+05	21.23	1.121E+06	1.66	1.011E+06	11.35		
18	2.000E+02	1.030E+06	9.969E+05	3.21	1.207E+06	-17.19	1.091E+06	-5.95		
19	2.200E+02	1.200E+06	1.190E+06	0.87	1.390E+06	-15.81	1.263E+06	-5.27		



20	2.500E+02	1.610E+06	1.396E+06	13.27	1.414E+06	12.20	1.287E+06	20.06
21	3.000E+02	1.950E+06	1.474E+06	24.40	1.463E+06	24.97	1.334E+06	31.57
22	3.500E+02	1.900E+06	1.376E+06	27.60	1.315E+06	30.78	1.200E+06	36.84
23	4.000E+02	1.750E+06	1.228E+06	29.81	1.200E+06	31.42	1.096E+06	37.40
24	4.500E+02	1.600E+06	1.111E+06	30.56	1.051E+06	34.33	9.592E+05	40.05
25	5.000E+02	1.440E+06	9.747E+05	32.31	9.331E+05	35.20	8.518E+05	40.84

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
54	1460	11	67HE1	9	2.21E+02	4.00E+01	4.09E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.089E+02	1.897E+07	2.321E+07	-22.37	4.780E+06	74.80	4.344E+06	77.10	
2	1.472E+02	2.220E+06	2.614E+06	-17.76	6.232E+05	71.93	5.472E+05	75.35	
3	1.826E+02	8.720E+05	8.935E+05	-2.47	1.131E+06	-29.68	1.020E+06	-16.94	
4	2.780E+02	1.554E+06	1.473E+06	5.22	1.440E+06	7.32	1.313E+06	15.53	
5	3.914E+02	1.352E+06	1.254E+06	7.23	1.218E+06	9.90	1.112E+06	17.76	
6	5.260E+02	9.270E+05	9.126E+05	1.55	8.694E+05	6.22	7.937E+05	14.38	
7	6.768E+02	7.800E+05	5.947E+06	-662.47	5.995E+05	23.14	5.473E+05	29.83	
8	7.749E+02	2.380E+06	2.971E+06	-24.85	3.339E+06	-40.28	3.217E+06	-35.17	
9	9.287E+02	1.919E+06	2.005E+06	-4.48	2.308E+06	-20.26	2.228E+06	-16.13	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
54	1461	1	31DE1	1	1.75E-01	2.03E+00	1.07E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.469E+06	1.472E+06	-0.17	1.439E+06	2.03	1.312E+06	10.71	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
54	1462	15	66LU1	12	1.91E+02	1.93E+01	1.94E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.408E+06	1.472E+06	-4.51	1.439E+06	-2.22	1.312E+06	6.84	
2	3.950E+02	1.315E+06	1.243E+06	5.46	1.211E+06	7.94	1.105E+06	15.98	
3	4.530E+02	1.170E+06	1.103E+06	5.70	1.043E+06	10.86	9.521E+05	18.63	
4	5.250E+02	8.900E+05	9.149E+05	-2.80	8.717E+05	2.06	7.958E+05	10.58	
5	5.570E+02	6.450E+05	8.411E+05	-30.40	8.027E+05	-24.45	7.328E+05	-13.61	
6	5.720E+02	9.660E+05	8.093E+05	16.22	7.735E+05	19.93	7.062E+05	26.90	
7	6.370E+02	6.450E+05	6.871E+05	-6.53	6.591E+05	-2.18	6.017E+05	6.72	
8	6.770E+02	7.800E+05	5.940E+06	-661.52	5.993E+05	23.17	5.471E+05	29.86	
9	7.060E+02	4.560E+06	4.926E+06	-8.02	5.993E+06	-31.44	5.791E+06	-27.00	
10	7.760E+02	2.470E+06	2.949E+06	-19.40	3.310E+06	-34.00	3.189E+06	-29.11	
11	8.510E+02	2.080E+06	2.361E+06	-13.50	2.405E+06	-15.63	2.314E+06	-11.25	
12	9.300E+02	1.945E+06	2.011E+06	-3.41	2.301E+06	-18.29	2.221E+06	-14.22	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
54	1463	32	68DE1	32	2.22E+02	3.25E+01	3.13E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.720E+02	7.000E+05	5.376E+06	-667.99	6.062E+05	13.40	5.534E+05	20.94	
2	6.750E+02	8.000E+05	6.014E+06	-651.71	6.020E+05	24.75	5.496E+05	31.30	
3	6.780E+02	8.500E+05	5.903E+06	-594.47	6.613E+05	22.20	6.077E+05	28.51	
4	6.800E+02	1.000E+06	5.829E+06	-482.92	7.292E+05	27.08	6.741E+05	32.59	
5	6.820E+02	1.500E+06	5.755E+06	-283.69	8.751E+05	41.66	8.164E+05	45.57	
6	6.840E+02	2.200E+06	5.682E+06	-158.25	1.184E+06	46.17	1.118E+06	49.18	
7	6.860E+02	3.500E+06	5.608E+06	-60.22	1.835E+06	47.58	1.752E+06	49.93	
8	6.880E+02	4.100E+06	5.534E+06	-34.98	3.197E+06	22.02	3.081E+06	24.84	
9	6.890E+02	4.300E+06	5.497E+06	-27.84	4.362E+06	-1.44	4.217E+06	1.93	



10	6.900E+02	4.150E+06	5.460E+06	-31.57	6.043E+06	-45.63	5.857E+06	-41.13
11	6.920E+02	3.700E+06	5.393E+06	-45.77	7.445E+06	-101.22	7.223E+06	-95.23
12	6.940E+02	3.500E+06	5.327E+06	-52.19	5.803E+06	-65.80	5.622E+06	-60.63
13	6.960E+02	3.900E+06	5.260E+06	-34.86	4.721E+06	-21.04	4.565E+06	-17.06
14	6.980E+02	5.000E+06	5.193E+06	-3.86	4.937E+06	1.25	4.772E+06	4.55
15	7.000E+02	5.550E+06	5.126E+06	7.64	6.332E+06	-14.09	6.120E+06	-10.26
16	7.010E+02	5.700E+06	5.093E+06	10.66	6.274E+06	-10.07	6.063E+06	-6.38
17	7.020E+02	5.700E+06	5.059E+06	11.24	6.217E+06	-9.06	6.008E+06	-5.40
18	7.030E+02	5.650E+06	5.026E+06	11.05	6.160E+06	-9.02	5.953E+06	-5.36
19	7.040E+02	5.550E+06	4.992E+06	10.05	6.104E+06	-9.98	5.898E+06	-6.28
20	7.050E+02	5.500E+06	4.959E+06	9.84	6.048E+06	-9.97	5.845E+06	-6.26
21	7.100E+02	4.650E+06	4.786E+06	-2.92	5.780E+06	-24.30	5.584E+06	-20.09
22	7.150E+02	4.250E+06	4.608E+06	-8.43	5.526E+06	-30.03	5.338E+06	-25.60
23	7.200E+02	3.950E+06	4.431E+06	-12.18	5.286E+06	-33.82	5.105E+06	-29.24
24	7.250E+02	3.750E+06	4.254E+06	-13.43	5.058E+06	-34.89	4.884E+06	-30.25
25	7.300E+02	3.650E+06	4.102E+06	-12.39	4.843E+06	-32.68	4.675E+06	-28.09
26	7.350E+02	3.550E+06	3.951E+06	-11.30	4.638E+06	-30.66	4.477E+06	-26.11
27	7.400E+02	3.450E+06	3.800E+06	-10.14	4.444E+06	-28.83	4.289E+06	-24.32
28	7.500E+02	3.400E+06	3.532E+06	-3.87	4.086E+06	-20.18	3.942E+06	-15.93
29	7.600E+02	3.400E+06	3.272E+06	3.75	3.763E+06	-10.68	3.628E+06	-6.72
30	7.700E+02	3.350E+06	3.070E+06	8.35	3.471E+06	-3.62	3.346E+06	0.13
31	7.800E+02	3.300E+06	2.880E+06	12.71	3.207E+06	2.80	3.090E+06	6.37
32	7.900E+02	3.250E+06	2.799E+06	13.89	2.969E+06	8.66	2.858E+06	12.06

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1464	216	69WU1	34	1.89E+01	2.32E+01	1.89E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.250E+02	2.250E+06	2.534E+06	-12.60	2.573E+06	-14.37	2.476E+06	-10.05		
2	8.300E+02	2.190E+06	2.499E+06	-14.10	2.540E+06	-15.97	2.444E+06	-11.58		
3	8.360E+02	2.130E+06	2.457E+06	-15.35	2.500E+06	-17.38	2.406E+06	-12.94		
4	8.420E+02	2.080E+06	2.418E+06	-16.24	2.461E+06	-18.34	2.368E+06	-13.86		
5	8.470E+02	2.040E+06	2.386E+06	-16.96	2.430E+06	-19.12	2.338E+06	-14.61		
6	8.530E+02	1.970E+06	2.348E+06	-19.19	2.393E+06	-21.47	2.302E+06	-16.86		
7	8.590E+02	1.920E+06	2.311E+06	-20.35	2.357E+06	-22.74	2.267E+06	-18.09		
8	8.650E+02	1.900E+06	2.277E+06	-19.84	2.321E+06	-22.17	2.233E+06	-17.53		
9	8.710E+02	1.850E+06	2.243E+06	-21.24	2.287E+06	-23.60	2.200E+06	-18.91		
10	8.770E+02	1.810E+06	2.209E+06	-22.05	2.253E+06	-24.46	2.167E+06	-19.73		
11	8.840E+02	1.770E+06	2.172E+06	-22.70	2.214E+06	-25.09	2.130E+06	-20.33		
12	8.900E+02	1.740E+06	2.140E+06	-23.01	2.182E+06	-25.39	2.099E+06	-20.61		
13	8.960E+02	1.700E+06	2.109E+06	-24.07	2.150E+06	-26.47	2.068E+06	-21.66		
14	9.030E+02	1.660E+06	2.073E+06	-24.90	2.114E+06	-27.33	2.033E+06	-22.48		
15	9.100E+02	1.630E+06	2.040E+06	-25.12	2.078E+06	-27.49	1.999E+06	-22.63		
16	9.160E+02	1.590E+06	2.011E+06	-26.45	2.048E+06	-28.81	1.970E+06	-23.90		
17	9.230E+02	1.560E+06	1.977E+06	-26.71	2.014E+06	-29.11	1.937E+06	-24.18		
18	9.262E+02	1.560E+06	1.993E+06	-27.73	1.999E+06	-28.13	1.922E+06	-23.23		
19	9.266E+02	1.560E+06	1.995E+06	-27.85	2.319E+06	-48.68	2.240E+06	-43.57		
20	9.295E+02	1.990E+06	2.009E+06	-0.95	2.303E+06	-15.75	2.224E+06	-11.77		
21	9.301E+02	1.960E+06	2.012E+06	-2.64	2.300E+06	-17.35	2.221E+06	-13.31		
22	9.340E+02	1.870E+06	2.031E+06	-8.61	2.279E+06	-21.86	2.200E+06	-17.67		
23	9.370E+02	1.860E+06	2.046E+06	-10.00	2.261E+06	-21.58	2.184E+06	-17.39		
24	9.410E+02	1.840E+06	2.066E+06	-12.27	2.239E+06	-21.66	2.161E+06	-17.47		
25	9.440E+02	1.840E+06	2.081E+06	-13.07	2.222E+06	-20.74	2.145E+06	-16.58		
26	9.480E+02	1.830E+06	2.083E+06	-13.82	2.199E+06	-20.18	2.123E+06	-16.03		

27	9.520E+02	1.820E+06	2.079E+06	-14.25	2.177E+06	-19.64	2.102E+06	-15.50
28	9.550E+02	1.810E+06	2.077E+06	-14.74	2.161E+06	-19.40	2.086E+06	-15.27
29	9.590E+02	1.790E+06	2.073E+06	-15.83	2.140E+06	-19.54	2.066E+06	-15.40
30	9.660E+02	1.770E+06	2.067E+06	-16.80	2.103E+06	-18.81	2.030E+06	-14.70
31	9.740E+02	1.740E+06	2.061E+06	-18.42	2.062E+06	-18.51	1.991E+06	-14.40
32	9.820E+02	1.730E+06	2.054E+06	-18.72	2.022E+06	-16.90	1.952E+06	-12.84
33	9.900E+02	1.720E+06	2.047E+06	-19.02	2.120E+06	-23.27	2.048E+06	-19.07
34	9.980E+02	1.700E+06	2.037E+06	-19.84	2.073E+06	-21.96	2.003E+06	-17.80

IZ= 55

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
55	1471	25	710T1	25	4.38E+01	6.15E+01	6.15E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.265E+02	1.020E+06	8.944E+05	12.31	5.802E+05	43.12	5.802E+05	43.12	43.12	
2	7.280E+02	1.150E+06	1.187E+06	-3.18	5.783E+05	49.71	5.783E+05	49.71	49.71	
3	7.290E+02	1.660E+06	1.381E+06	16.79	5.770E+05	65.24	5.770E+05	65.24	65.24	
4	7.300E+02	1.660E+06	1.576E+06	5.05	5.757E+05	65.32	5.757E+05	65.32	65.32	
5	7.310E+02	3.170E+06	1.771E+06	44.14	5.744E+05	81.88	5.744E+05	81.88	81.88	
6	7.320E+02	7.710E+06	1.966E+06	74.51	5.732E+05	92.57	5.732E+05	92.57	92.57	
7	7.326E+02	9.480E+06	2.083E+06	78.03	5.724E+05	93.96	5.724E+05	93.96	93.96	
8	7.330E+02	8.720E+06	2.160E+06	75.22	1.189E+07	-36.32	1.189E+07	-36.32	-36.32	
9	7.340E+02	6.330E+06	2.355E+06	62.79	1.078E+07	-70.32	1.078E+07	-70.32	-70.32	
10	7.360E+02	4.090E+06	2.745E+06	32.89	8.886E+06	-117.26	8.886E+06	-117.26	-117.26	
11	7.380E+02	3.430E+06	3.134E+06	8.62	7.345E+06	-114.14	7.345E+06	-114.14	-114.14	
12	7.400E+02	3.350E+06	3.524E+06	-5.19	6.092E+06	-81.85	6.092E+06	-81.85	-81.85	
13	7.420E+02	3.410E+06	3.913E+06	-14.76	5.072E+06	-48.74	5.072E+06	-48.74	-48.74	
14	7.440E+02	3.810E+06	3.882E+06	-1.89	4.241E+06	-11.32	4.241E+06	-11.32	-11.32	
15	7.450E+02	5.450E+06	3.866E+06	29.06	3.886E+06	28.71	3.886E+06	28.71	28.71	
16	7.460E+02	1.050E+07	3.851E+06	63.33	3.564E+06	66.05	3.564E+06	66.05	66.05	
17	7.463E+02	1.100E+07	3.846E+06	65.04	3.474E+06	68.42	3.474E+06	68.42	68.42	
18	7.470E+02	1.012E+07	3.835E+06	62.10	3.274E+06	67.65	3.274E+06	67.65	67.65	
19	7.480E+02	8.230E+06	3.819E+06	53.59	7.117E+06	13.52	7.117E+06	13.52	13.52	
20	7.500E+02	6.720E+06	3.788E+06	43.63	6.831E+06	-1.65	6.831E+06	-1.65	-1.65	
21	7.520E+02	5.760E+06	3.757E+06	34.78	6.559E+06	-13.87	6.559E+06	-13.87	-13.87	
22	7.550E+02	5.260E+06	3.710E+06	29.47	6.187E+06	-17.62	6.187E+06	-17.62	-17.62	
23	7.600E+02	5.210E+06	3.631E+06	30.30	5.662E+06	-8.67	5.662E+06	-8.67	-8.67	
24	7.660E+02	5.220E+06	3.546E+06	32.07	5.110E+06	2.11	5.110E+06	2.11	2.11	
25	7.720E+02	5.220E+06	3.461E+06	33.70	4.631E+06	11.29	4.631E+06	11.29	11.29	

IZ= 56

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
56	1473	1	68K01	1	2.97E+01	1.00E+01	1.00E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	1.437E+06	1.011E+06	29.65	1.581E+06	-10.01	1.581E+06	-10.01	-10.01	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
56	1474	29	710T1	29	5.31E+01	6.33E+01	6.33E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.758E+02	1.320E+06	5.770E+05	56.29	5.619E+05	57.43	5.619E+05	57.43	57.43	



2	7.780E+02	1.370E+06	5.742E+05	58.09	5.593E+05	59.18	5.593E+05	59.18
3	7.800E+02	1.870E+06	7.014E+05	62.49	5.569E+05	70.22	5.569E+05	70.22
4	7.810E+02	1.870E+06	8.298E+05	55.63	5.557E+05	70.28	5.557E+05	70.28
5	7.820E+02	2.740E+06	9.582E+05	65.03	5.546E+05	79.76	5.546E+05	79.76
6	7.830E+02	6.840E+06	1.087E+06	84.11	5.534E+05	91.91	5.534E+05	91.91
7	7.840E+02	1.311E+07	1.215E+06	90.73	5.522E+05	95.79	5.522E+05	95.79
8	7.850E+02	7.980E+06	1.343E+06	83.16	5.511E+05	93.09	5.511E+05	93.09
9	7.860E+02	3.760E+06	1.472E+06	60.85	5.499E+05	85.37	5.499E+05	85.37
10	7.880E+02	2.010E+06	1.729E+06	13.99	5.476E+05	72.75	5.476E+05	72.75
11	7.900E+02	1.710E+06	1.986E+06	-16.12	5.454E+05	68.11	5.454E+05	68.11
12	7.920E+02	1.620E+06	2.242E+06	-38.42	1.349E+06	16.74	1.349E+06	16.74
13	7.940E+02	1.820E+06	2.499E+06	-37.32	1.476E+06	18.90	1.476E+06	18.90
14	7.960E+02	2.510E+06	2.756E+06	-9.81	1.623E+06	35.32	1.623E+06	35.32
15	7.980E+02	7.300E+06	3.013E+06	58.73	1.794E+06	75.42	1.794E+06	75.42
16	7.992E+02	1.608E+07	3.004E+06	81.32	1.910E+06	88.12	1.910E+06	88.12
17	8.000E+02	1.368E+07	2.998E+06	78.08	1.992E+06	85.44	1.992E+06	85.44
18	8.010E+02	6.160E+06	2.991E+06	51.44	2.019E+06	67.22	2.019E+06	67.22
19	8.020E+02	5.270E+06	2.984E+06	43.38	2.047E+06	61.16	2.047E+06	61.16
20	8.030E+02	5.180E+06	2.977E+06	42.53	2.075E+06	59.94	2.075E+06	59.94
21	8.040E+02	5.200E+06	2.970E+06	42.89	2.104E+06	59.54	2.104E+06	59.54
22	8.060E+02	4.930E+06	2.955E+06	40.06	2.163E+06	56.13	2.163E+06	56.13
23	8.100E+02	4.290E+06	2.926E+06	31.79	2.920E+06	31.94	2.920E+06	31.94
24	8.150E+02	4.080E+06	2.890E+06	29.17	2.912E+06	28.62	2.912E+06	28.62
25	8.200E+02	4.380E+06	2.855E+06	34.82	2.881E+06	34.23	2.881E+06	34.23
26	8.230E+02	4.680E+06	2.834E+06	39.43	2.862E+06	38.85	2.862E+06	38.85
27	8.250E+02	4.560E+06	2.821E+06	38.14	2.850E+06	37.51	2.850E+06	37.51
28	8.270E+02	4.330E+06	2.808E+06	35.16	2.837E+06	34.47	2.837E+06	34.47
29	8.318E+02	4.330E+06	2.775E+06	35.91	2.809E+06	35.13	2.809E+06	35.13

IZ= 57

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
57	1479	17	67Z11	13	3.37E+01	5.74E+01	5.74E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	2.090E+07	1.493E+07	28.55	1.103E+06	94.72	1.103E+06	94.72	94.72	
2	1.170E+02	4.460E+07	2.077E+07	53.43	1.936E+06	95.66	1.936E+06	95.66	95.66	
3	1.328E+02	2.070E+07	1.285E+07	37.91	1.453E+06	92.98	1.453E+06	92.98	92.98	
4	1.511E+02	6.080E+06	4.548E+06	25.19	1.048E+06	82.76	1.048E+06	82.76	82.76	
5	1.717E+02	2.030E+06	1.394E+06	31.33	9.263E+05	54.37	9.263E+05	54.37	54.37	
6	1.833E+02	1.310E+06	8.649E+05	33.98	8.706E+05	33.54	8.706E+05	33.54	33.54	
7	1.926E+02	9.380E+05	6.892E+05	26.52	8.311E+05	11.40	8.311E+05	11.40	11.40	
8	2.122E+02	1.310E+06	8.876E+05	32.24	1.204E+06	8.10	1.204E+06	8.10	8.10	
9	2.770E+02	1.950E+06	1.391E+06	28.67	1.494E+06	23.38	1.494E+06	23.38	23.38	
10	3.027E+02	2.400E+06	1.540E+06	35.85	1.621E+06	32.48	1.621E+06	32.48	32.48	
11	3.924E+02	2.250E+06	1.459E+06	35.18	1.426E+06	36.63	1.426E+06	36.63	36.63	
12	4.522E+02	1.800E+06	1.280E+06	28.87	1.252E+06	30.44	1.252E+06	30.44	30.44	
13	5.249E+02	1.580E+06	1.081E+06	31.59	1.066E+06	32.53	1.066E+06	32.53	32.53	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
57	1480	34	31OT1	34	4.54E+01	6.31E+01	6.31E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.250E+02	1.380E+06	1.397E+06	-1.27	5.479E+05	60.30	5.479E+05	60.30	60.30	

2	8.280E+02	1.480E+06	1.756E+06	-18.65	5.445E+05	63.21	5.445E+05	63.21
3	8.300E+02	1.850E+06	1.995E+06	-7.84	5.423E+05	70.69	5.423E+05	70.69
4	8.314E+02	2.440E+06	2.162E+06	11.38	5.407E+05	77.84	5.407E+05	77.84
5	8.320E+02	2.310E+06	2.234E+06	3.29	5.401E+05	76.62	5.401E+05	76.62
6	8.340E+02	3.920E+06	2.473E+06	36.91	5.378E+05	86.28	5.378E+05	86.28
7	8.355E+02	1.193E+07	2.652E+06	77.77	5.362E+05	95.51	5.362E+05	95.51
8	8.360E+02	1.153E+07	2.712E+06	76.48	5.357E+05	95.35	5.357E+05	95.35
9	8.370E+02	5.540E+06	2.832E+06	48.89	5.346E+05	90.35	5.346E+05	90.35
10	8.380E+02	3.280E+06	2.951E+06	10.03	5.335E+05	83.74	5.335E+05	83.74
11	8.400E+02	2.210E+06	2.936E+06	-32.84	5.313E+05	75.96	5.313E+05	75.96
12	8.420E+02	1.870E+06	2.921E+06	-56.18	5.292E+05	71.70	5.292E+05	71.70
13	8.440E+02	1.820E+06	2.905E+06	-59.63	5.271E+05	71.04	5.271E+05	71.04
14	8.460E+02	1.890E+06	2.890E+06	-52.91	5.249E+05	72.23	5.249E+05	72.23
15	8.480E+02	2.210E+06	2.875E+06	-30.08	1.147E+06	48.08	1.147E+06	48.08
16	8.500E+02	3.230E+06	2.859E+06	11.47	1.204E+06	62.71	1.204E+06	62.71
17	8.510E+02	6.920E+06	2.852E+06	58.79	1.235E+06	82.16	1.235E+06	82.16
18	8.520E+02	1.476E+07	2.844E+06	80.73	1.267E+06	91.42	1.267E+06	91.42
19	8.525E+02	1.564E+07	2.840E+06	81.84	1.283E+06	91.79	1.283E+06	91.79
20	8.530E+02	1.522E+07	2.836E+06	81.36	1.300E+06	91.46	1.300E+06	91.46
21	8.540E+02	6.920E+06	2.829E+06	59.12	1.335E+06	80.71	1.335E+06	80.71
22	8.560E+02	2.580E+06	2.814E+06	-9.05	1.410E+06	45.36	1.410E+06	45.36
23	8.580E+02	1.850E+06	2.798E+06	-51.26	1.492E+06	19.37	1.492E+06	19.37
24	8.600E+02	1.430E+06	2.784E+06	-94.71	1.581E+06	-10.56	1.581E+06	-10.56
25	8.640E+02	1.850E+06	2.757E+06	-49.00	1.785E+06	3.49	1.785E+06	3.49
26	8.680E+02	2.790E+06	2.729E+06	2.19	2.364E+06	15.27	2.364E+06	15.27
27	8.700E+02	2.790E+06	2.715E+06	2.69	2.399E+06	14.03	2.399E+06	14.03
28	8.720E+02	2.650E+06	2.701E+06	-1.93	2.434E+06	8.14	2.434E+06	8.14
29	8.760E+02	2.540E+06	2.673E+06	-5.25	2.460E+06	3.16	2.460E+06	3.16
30	8.800E+02	2.560E+06	2.646E+06	-3.36	2.488E+06	2.80	2.488E+06	2.80
31	8.840E+02	3.000E+06	2.620E+06	12.65	2.521E+06	15.98	2.521E+06	15.98
32	8.880E+02	3.250E+06	2.595E+06	20.16	2.557E+06	21.33	2.557E+06	21.33
33	8.920E+02	3.020E+06	2.569E+06	14.93	2.597E+06	14.01	2.597E+06	14.01
34	8.990E+02	3.110E+06	2.524E+06	18.84	2.677E+06	13.91	2.677E+06	13.91

IZ= 58

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
58	1485	14	67ZI1	11	3.65E+01	5.52E+01	5.52E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	4.480E+06	3.719E+06	16.98	3.069E+06	31.49	3.069E+06	31.49	31.49	
2	1.248E+02	4.070E+07	2.147E+07	47.25	3.526E+06	91.34	3.526E+06	91.34	91.34	
3	1.328E+02	2.290E+07	1.425E+07	37.78	3.038E+06	86.74	3.038E+06	86.74	86.74	
4	1.511E+02	8.090E+06	5.214E+06	35.55	2.288E+06	71.72	2.288E+06	71.72	71.72	
5	1.717E+02	4.050E+06	2.556E+06	36.89	1.795E+06	55.68	1.795E+06	55.68	55.68	
6	1.833E+02	2.970E+06	1.921E+06	35.31	1.589E+06	46.51	1.589E+06	46.51	46.51	
7	1.926E+02	2.660E+06	1.683E+06	36.72	1.450E+06	45.50	1.450E+06	45.50	45.50	
8	2.122E+02	2.020E+06	1.347E+06	33.33	1.682E+06	16.71	1.682E+06	16.71	16.71	
9	2.770E+02	2.230E+06	1.507E+06	32.44	1.717E+06	23.00	1.717E+06	23.00	23.00	
10	3.027E+02	2.870E+06	1.680E+06	41.45	1.804E+06	37.14	1.804E+06	37.14	37.14	
11	5.249E+02	2.020E+06	1.211E+06	40.07	1.125E+06	44.33	1.125E+06	44.33	44.33	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
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58	1486	31	70HA2	30	4.31E+01	6.97E+01	6.97E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	4.210E+06	2.062E+06	51.03	2.214E+06	47.41	2.214E+06	47.41	
2	1.020E+02	5.060E+06	2.159E+06	57.34	2.166E+06	57.19	2.166E+06	57.19	
3	1.040E+02	4.550E+06	2.307E+06	49.29	2.120E+06	53.41	2.120E+06	53.41	
4	1.050E+02	5.730E+06	2.397E+06	58.17	2.098E+06	63.39	2.098E+06	63.39	
5	1.060E+02	5.060E+06	2.486E+06	50.86	2.076E+06	58.98	2.076E+06	58.98	
6	1.070E+02	4.720E+06	2.576E+06	45.42	2.054E+06	56.48	2.054E+06	56.48	
7	1.080E+02	5.230E+06	2.689E+06	48.58	2.033E+06	61.12	2.033E+06	61.12	
8	1.090E+02	5.360E+06	2.802E+06	47.72	2.013E+06	62.45	2.013E+06	62.45	
9	1.100E+02	5.730E+06	2.915E+06	49.13	1.992E+06	65.23	1.992E+06	65.23	
10	1.110E+02	6.810E+06	3.082E+06	54.74	1.973E+06	71.03	1.973E+06	71.03	
11	1.120E+02	5.900E+06	3.250E+06	44.92	1.953E+06	66.90	1.953E+06	66.90	
12	1.130E+02	5.400E+06	3.485E+06	35.47	2.954E+06	45.29	2.954E+06	45.29	
13	1.140E+02	5.400E+06	3.719E+06	31.13	3.069E+06	43.16	3.069E+06	43.16	
14	1.150E+02	5.730E+06	3.954E+06	31.00	3.200E+06	44.15	3.200E+06	44.15	
15	1.160E+02	6.510E+06	4.411E+06	32.25	4.030E+06	38.10	4.030E+06	38.10	
16	1.180E+02	9.780E+06	5.324E+06	45.56	4.065E+06	58.44	4.065E+06	58.44	
17	1.200E+02	2.290E+07	6.736E+06	70.59	3.892E+06	83.00	3.892E+06	83.00	
18	1.220E+02	2.830E+07	1.207E+07	57.34	3.732E+06	86.81	3.732E+06	86.81	
19	1.230E+02	2.900E+07	1.670E+07	42.40	3.656E+06	87.39	3.656E+06	87.39	
20	1.240E+02	3.070E+07	2.133E+07	30.51	3.583E+06	88.33	3.583E+06	88.33	
21	1.250E+02	3.090E+07	2.150E+07	30.41	3.513E+06	88.63	3.513E+06	88.63	
22	1.260E+02	2.980E+07	2.167E+07	27.28	3.444E+06	88.44	3.444E+06	88.44	
23	1.280E+02	2.580E+07	2.025E+07	21.51	3.315E+06	87.15	3.315E+06	87.15	
24	1.300E+02	2.230E+07	1.707E+07	23.44	3.194E+06	85.68	3.194E+06	85.68	
25	1.350E+02	1.570E+07	1.247E+07	20.59	2.924E+06	81.37	2.924E+06	81.37	
26	1.400E+02	1.280E+07	9.228E+06	27.91	2.693E+06	78.96	2.693E+06	78.96	
27	1.450E+02	1.060E+07	7.106E+06	32.97	2.494E+06	76.47	2.494E+06	76.47	
28	1.500E+02	9.040E+06	5.453E+06	39.68	2.321E+06	74.33	2.321E+06	74.33	
29	1.550E+02	7.550E+06	4.428E+06	41.35	2.179E+06	71.14	2.179E+06	71.14	
30	1.580E+02	6.810E+06	3.956E+06	41.91	2.101E+06	69.15	2.101E+06	69.15	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
58	1487	35	710T1	35	5.12E+01	5.46E+01	5.46E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.750E+02	1.050E+06	5.455E+05	48.04	5.196E+05	50.52	5.196E+05	50.52	
2	8.780E+02	1.160E+06	5.423E+05	53.25	5.165E+05	55.47	5.165E+05	55.47	
3	8.795E+02	1.400E+06	5.944E+05	57.54	5.150E+05	63.21	5.150E+05	63.21	
4	8.810E+02	1.350E+06	7.541E+05	44.14	5.135E+05	61.96	5.135E+05	61.96	
5	8.820E+02	1.630E+06	8.605E+05	47.21	5.125E+05	68.56	5.125E+05	68.56	
6	8.840E+02	2.680E+06	1.073E+06	59.95	5.106E+05	80.95	5.106E+05	80.95	
7	8.860E+02	5.930E+06	1.286E+06	78.31	5.086E+05	91.42	5.086E+05	91.42	
8	8.880E+02	1.531E+07	1.499E+06	90.21	1.173E+06	92.34	1.173E+06	92.34	
9	8.900E+02	4.890E+06	1.712E+06	64.99	1.249E+06	74.45	1.249E+06	74.45	
10	8.920E+02	2.560E+06	1.925E+06	24.81	1.335E+06	47.84	1.335E+06	47.84	
11	8.940E+02	1.980E+06	2.138E+06	-7.96	1.431E+06	27.72	1.431E+06	27.72	
12	8.960E+02	1.700E+06	2.350E+06	-38.26	1.539E+06	9.49	1.539E+06	9.49	
13	8.980E+02	1.510E+06	2.563E+06	-69.75	1.659E+06	-9.84	1.659E+06	-9.84	
14	9.000E+02	1.630E+06	2.776E+06	-70.32	1.793E+06	-9.98	1.793E+06	-9.98	
15	9.020E+02	2.210E+06	2.875E+06	-30.10	1.825E+06	17.43	1.825E+06	17.43	
16	9.030E+02	4.420E+06	2.868E+06	35.12	1.841E+06	58.35	1.841E+06	58.35	
17	9.040E+02	5.580E+06	2.860E+06	48.74	1.858E+06	66.71	1.858E+06	66.71	

18	9.050E+02	7.680E+06	2.853E+06	62.85	1.874E+06	75.59	1.874E+06	75.59
19	9.060E+02	9.540E+06	2.846E+06	70.17	2.435E+06	74.48	2.435E+06	74.48
20	9.070E+02	1.722E+07	2.838E+06	83.52	2.440E+06	85.83	2.440E+06	85.83
21	9.080E+02	2.013E+07	2.831E+06	85.94	2.446E+06	87.85	2.446E+06	87.85
22	9.090E+02	1.163E+07	2.823E+06	75.72	2.451E+06	78.93	2.451E+06	78.93
23	9.100E+02	5.820E+06	2.816E+06	51.62	2.456E+06	57.79	2.456E+06	57.79
24	9.120E+02	2.560E+06	2.801E+06	-9.42	2.467E+06	3.62	2.467E+06	3.62
25	9.150E+02	1.750E+06	2.779E+06	-58.80	2.466E+06	-40.91	2.466E+06	-40.91
26	9.200E+02	3.140E+06	2.742E+06	12.68	2.449E+06	22.00	2.449E+06	22.00
27	9.220E+02	3.490E+06	2.727E+06	21.86	2.443E+06	30.01	2.443E+06	30.01
28	9.250E+02	3.260E+06	2.706E+06	16.99	2.433E+06	25.36	2.433E+06	25.36
29	9.300E+02	2.910E+06	2.672E+06	8.17	2.418E+06	16.91	2.418E+06	16.91
30	9.350E+02	2.910E+06	2.638E+06	9.34	2.403E+06	17.42	2.403E+06	17.42
31	9.400E+02	3.720E+06	2.604E+06	29.99	2.389E+06	35.79	2.389E+06	35.79
32	9.420E+02	3.960E+06	2.591E+06	34.58	2.383E+06	39.82	2.383E+06	39.82
33	9.450E+02	3.610E+06	2.570E+06	28.80	2.375E+06	34.21	2.375E+06	34.21
34	9.500E+02	3.140E+06	2.539E+06	19.14	2.362E+06	24.78	2.362E+06	24.78
35	9.900E+02	3.260E+06	2.300E+06	29.45	2.276E+06	30.17	2.276E+06	30.17

IZ= 59

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
59	1494	16	67Z11	13	3.17E+01	4.34E+01	4.34E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	4.620E+06	4.421E+06	4.31	2.750E+06	40.48	2.750E+06	40.48		
2	1.308E+02	2.630E+07	3.288E+07	-25.02	4.031E+06	84.67	4.031E+06	84.67		
3	1.328E+02	2.270E+07	2.878E+07	-26.79	3.930E+06	82.69	3.930E+06	82.69		
4	1.511E+02	8.880E+06	1.170E+07	-31.74	3.188E+06	64.10	3.188E+06	64.10		
5	1.717E+02	3.540E+06	4.779E+06	-35.00	2.389E+06	32.51	2.389E+06	32.51		
6	1.833E+02	2.660E+06	3.388E+06	-27.37	2.076E+06	21.95	2.076E+06	21.95		
7	1.926E+02	2.200E+06	2.655E+06	-20.70	1.873E+06	14.88	1.873E+06	14.88		
8	2.122E+02	1.480E+06	2.031E+06	-37.21	1.670E+06	-12.87	1.670E+06	-12.87		
9	2.770E+02	1.410E+06	1.889E+06	-33.97	1.891E+06	-34.08	1.891E+06	-34.08		
10	3.027E+02	1.990E+06	2.523E+06	-26.80	1.971E+06	0.98	1.971E+06	0.98		
11	3.924E+02	1.410E+06	2.034E+06	-44.26	1.635E+06	-15.94	1.635E+06	-15.94		
12	4.522E+02	1.120E+06	1.584E+06	-41.41	1.415E+06	-26.31	1.415E+06	-26.31		
13	5.249E+02	9.390E+05	1.286E+06	-36.92	1.195E+06	-27.27	1.195E+06	-27.27		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
59	1495	35	70HA2	32	2.77E+01	5.70E+01	5.70E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.000E+02	2.890E+06	2.909E+06	-0.64	3.118E+06	-7.90	3.118E+06	-7.90		
2	1.050E+02	2.890E+06	2.897E+06	-0.24	2.975E+06	-2.96	2.975E+06	-2.96		
3	1.070E+02	3.250E+06	2.964E+06	8.80	2.922E+06	10.09	2.922E+06	10.09		
4	1.088E+02	4.330E+06	3.094E+06	28.53	2.876E+06	33.59	2.876E+06	33.59		
5	1.093E+02	3.650E+06	3.131E+06	14.23	2.863E+06	21.56	2.863E+06	21.56		
6	1.099E+02	3.740E+06	3.174E+06	15.13	2.848E+06	23.85	2.848E+06	23.85		
7	1.102E+02	3.660E+06	3.209E+06	12.32	2.841E+06	22.39	2.841E+06	22.39		
8	1.110E+02	5.420E+06	3.320E+06	38.75	2.821E+06	47.95	2.821E+06	47.95		
9	1.115E+02	4.330E+06	3.389E+06	21.74	2.809E+06	35.13	2.809E+06	35.13		
10	1.120E+02	4.690E+06	3.458E+06	26.27	2.797E+06	40.37	2.797E+06	40.37		
11	1.125E+02	4.410E+06	3.699E+06	16.13	2.785E+06	36.85	2.785E+06	36.85		



12	1.130E+02	5.090E+06	3.939E+06	22.60	2.773E+06	45.52	2.773E+06	45.52
13	1.140E+02	4.690E+06	4.421E+06	5.74	2.750E+06	41.37	2.750E+06	41.37
14	1.150E+02	5.050E+06	4.902E+06	2.92	2.727E+06	46.00	2.727E+06	46.00
15	1.160E+02	5.700E+06	6.683E+06	-17.25	2.704E+06	52.56	2.704E+06	52.56
16	1.180E+02	6.500E+06	1.024E+07	-57.61	2.660E+06	59.07	2.660E+06	59.07
17	1.190E+02	6.500E+06	1.134E+07	-74.40	3.364E+06	48.25	3.364E+06	48.25
18	1.200E+02	7.220E+06	1.243E+07	-72.13	3.487E+06	51.70	3.487E+06	51.70
19	1.220E+02	1.440E+07	1.472E+07	-2.26	3.805E+06	73.58	3.805E+06	73.58
20	1.240E+02	2.110E+07	1.714E+07	18.79	4.421E+06	79.05	4.421E+06	79.05
21	1.260E+02	1.910E+07	2.208E+07	-15.63	4.298E+06	77.50	4.298E+06	77.50
22	1.280E+02	2.170E+07	2.788E+07	-28.48	4.183E+06	80.73	4.183E+06	80.73
23	1.300E+02	2.510E+07	3.452E+07	-37.53	4.073E+06	83.77	4.073E+06	83.77
24	1.320E+02	2.560E+07	3.042E+07	-18.83	3.970E+06	84.49	3.970E+06	84.49
25	1.350E+02	2.170E+07	2.507E+07	-15.54	3.824E+06	82.38	3.824E+06	82.38
26	1.400E+02	1.620E+07	1.830E+07	-12.94	3.606E+06	77.74	3.606E+06	77.74
27	1.450E+02	1.280E+07	1.488E+07	-16.25	3.414E+06	73.33	3.414E+06	73.33
28	1.500E+02	1.040E+07	1.212E+07	-16.57	3.243E+06	68.82	3.243E+06	68.82
29	1.550E+02	8.740E+06	1.025E+07	-17.29	3.005E+06	65.62	3.005E+06	65.62
30	1.600E+02	7.580E+06	8.482E+06	-11.90	2.795E+06	63.13	2.795E+06	63.13
31	1.650E+02	6.930E+06	6.514E+06	6.01	2.608E+06	62.36	2.608E+06	62.36
32	1.710E+02	6.680E+06	4.878E+06	26.98	2.410E+06	63.92	2.410E+06	63.92

IZ= 60

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
60	1498	16	67ZI1	12	1.01E+01	3.48E+01	3.48E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	3.250E+06	2.637E+06	18.86	3.539E+06	-8.90	3.539E+06	-8.90		
2	1.328E+02	2.000E+07	1.940E+07	3.00	4.749E+06	76.26	4.749E+06	76.26		
3	1.511E+02	1.120E+07	1.100E+07	1.79	4.149E+06	62.96	4.149E+06	62.96		
4	1.717E+02	5.170E+06	5.234E+06	-1.23	3.022E+06	41.54	3.022E+06	41.54		
5	1.833E+02	3.590E+06	3.635E+06	-1.27	2.608E+06	27.35	2.608E+06	27.35		
6	1.926E+02	2.840E+06	2.774E+06	2.32	2.346E+06	17.39	2.346E+06	17.39		
7	2.122E+02	1.920E+06	2.053E+06	-6.92	2.055E+06	-7.02	2.055E+06	-7.02		
8	2.770E+02	1.510E+06	1.545E+06	-2.33	2.118E+06	-40.29	2.118E+06	-40.29		
9	3.027E+02	2.020E+06	1.904E+06	5.72	2.029E+06	-0.42	2.029E+06	-0.42		
10	3.924E+02	1.680E+06	1.924E+06	-14.54	1.757E+06	-4.57	1.757E+06	-4.57		
11	4.522E+02	1.330E+06	1.638E+06	-23.14	1.511E+06	-13.60	1.511E+06	-13.60		
12	5.249E+02	1.330E+06	1.362E+06	-2.41	1.273E+06	4.31	1.273E+06	4.31		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
60	1499	31	30HA2	31	2.81E+01	5.76E+01	5.76E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.005E+02	4.140E+06	3.390E+06	18.12	3.952E+06	4.55	3.952E+06	4.55		
2	1.050E+02	3.590E+06	3.019E+06	15.92	3.803E+06	-5.93	3.803E+06	-5.93		
3	1.100E+02	3.290E+06	2.670E+06	18.85	3.651E+06	-10.98	3.651E+06	-10.98		
4	1.120E+02	3.350E+06	2.631E+06	21.46	3.594E+06	-7.29	3.594E+06	-7.29		
5	1.140E+02	3.760E+06	2.637E+06	29.87	3.539E+06	5.87	3.539E+06	5.87		
6	1.145E+02	4.590E+06	2.638E+06	42.52	3.526E+06	23.19	3.526E+06	23.19		
7	1.150E+02	3.970E+06	2.640E+06	33.51	3.512E+06	11.53	3.512E+06	11.53		
8	1.160E+02	5.130E+06	2.724E+06	46.89	3.486E+06	32.05	3.486E+06	32.05		
9	1.170E+02	4.450E+06	2.809E+06	36.88	3.460E+06	22.25	3.460E+06	22.25		



10	1.180E+02	4.790E+06	2.893E+06	39.59	3.434E+06	28.30	3.434E+06	28.30
11	1.190E+02	4.450E+06	3.453E+06	22.40	3.409E+06	23.39	3.409E+06	23.39
12	1.200E+02	5.060E+06	4.013E+06	20.68	3.384E+06	33.11	3.384E+06	33.11
13	1.210E+02	5.130E+06	4.573E+06	10.85	3.360E+06	34.50	3.360E+06	34.50
14	1.220E+02	7.530E+06	5.422E+06	28.00	3.336E+06	55.70	3.336E+06	55.70
15	1.240E+02	1.300E+07	7.119E+06	45.24	3.289E+06	74.70	3.289E+06	74.70
16	1.250E+02	1.420E+07	8.464E+06	40.39	3.266E+06	77.00	3.266E+06	77.00
17	1.270E+02	1.950E+07	1.116E+07	42.79	4.081E+06	79.07	4.081E+06	79.07
18	1.280E+02	1.990E+07	1.321E+07	33.62	4.166E+06	79.06	4.166E+06	79.06
19	1.300E+02	1.810E+07	1.732E+07	4.31	4.860E+06	73.15	4.860E+06	73.15
20	1.320E+02	2.160E+07	1.881E+07	12.94	4.779E+06	77.87	4.779E+06	77.87
21	1.340E+02	2.530E+07	1.926E+07	23.86	4.704E+06	81.41	4.704E+06	81.41
22	1.360E+02	2.430E+07	1.870E+07	23.06	4.632E+06	80.94	4.632E+06	80.94
23	1.370E+02	2.400E+07	1.813E+07	24.46	4.598E+06	80.84	4.598E+06	80.84
24	1.380E+02	2.340E+07	1.757E+07	24.93	4.564E+06	80.49	4.564E+06	80.49
25	1.400E+02	2.120E+07	1.644E+07	22.47	4.500E+06	78.77	4.500E+06	78.77
26	1.450E+02	1.680E+07	1.369E+07	18.49	4.355E+06	74.08	4.355E+06	74.08
27	1.500E+02	1.370E+07	1.141E+07	16.73	4.230E+06	69.12	4.230E+06	69.12
28	1.550E+02	1.140E+07	9.568E+06	16.07	3.882E+06	65.95	3.882E+06	65.95
29	1.600E+02	9.410E+06	7.921E+06	15.82	3.582E+06	61.93	3.582E+06	61.93
30	1.650E+02	8.380E+06	6.586E+06	21.41	3.321E+06	60.36	3.321E+06	60.36
31	1.710E+02	7.870E+06	5.351E+06	32.01	3.051E+06	61.23	3.051E+06	61.23

IZ= 61

IZ= 62

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
62	1504	17	67ZI1	13	2.17E+01	3.99E+01	3.99E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	3.510E+06	4.251E+06	-21.10	4.941E+06	-40.78	4.941E+06	-40.78	
2	1.328E+02	7.960E+06	1.205E+07	-51.44	4.425E+06	44.41	4.425E+06	44.41	
3	1.500E+02	2.640E+07	2.313E+07	12.38	5.870E+06	77.76	5.870E+06	77.76	
4	1.511E+02	2.100E+07	2.207E+07	-5.09	5.761E+06	72.57	5.761E+06	72.57	
5	1.717E+02	7.860E+06	9.252E+06	-17.71	4.279E+06	45.56	4.279E+06	45.56	
6	1.833E+02	6.090E+06	6.876E+06	-12.91	3.747E+06	38.47	3.747E+06	38.47	
7	1.926E+02	5.190E+06	5.812E+06	-11.99	3.414E+06	34.23	3.414E+06	34.23	
8	2.122E+02	3.930E+06	4.514E+06	-14.85	2.968E+06	24.47	2.968E+06	24.47	
9	2.770E+02	2.380E+06	2.792E+06	-17.32	2.567E+06	-7.86	2.567E+06	-7.86	
10	3.027E+02	2.250E+06	2.658E+06	-18.14	2.475E+06	-10.00	2.475E+06	-10.00	
11	3.924E+02	1.870E+06	2.347E+06	-25.51	2.050E+06	-9.63	2.050E+06	-9.63	
12	4.522E+02	1.610E+06	1.918E+06	-19.14	1.739E+06	-7.99	1.739E+06	-7.99	
13	5.249E+02	1.320E+06	1.575E+06	-19.33	1.453E+06	-10.08	1.453E+06	-10.08	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
62	1505	34	70HA2	33	2.78E+01	5.47E+01	5.47E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	5.130E+06	5.249E+06	-2.32	5.436E+06	-5.97	5.436E+06	-5.97	
2	1.050E+02	4.790E+06	4.804E+06	-0.29	5.246E+06	-9.52	5.246E+06	-9.52	
3	1.100E+02	4.000E+06	4.443E+06	-11.08	5.071E+06	-26.78	5.071E+06	-26.78	
4	1.150E+02	3.460E+06	4.206E+06	-21.55	4.910E+06	-41.91	4.910E+06	-41.91	

5	1.200E+02	3.080E+06	4.093E+06	-32.88	4.761E+06	-54.58	4.761E+06	-54.58
6	1.250E+02	3.080E+06	4.306E+06	-39.80	4.623E+06	-50.08	4.623E+06	-50.08
7	1.260E+02	5.100E+06	4.455E+06	12.65	4.596E+06	9.88	4.596E+06	9.88
8	1.270E+02	4.520E+06	4.604E+06	-1.85	4.570E+06	-1.10	4.570E+06	-1.10
9	1.280E+02	6.330E+06	5.478E+06	13.45	4.544E+06	28.21	4.544E+06	28.21
10	1.290E+02	6.780E+06	6.353E+06	6.29	4.519E+06	33.35	4.519E+06	33.35
11	1.300E+02	6.570E+06	7.228E+06	-10.02	4.494E+06	31.61	4.494E+06	31.61
12	1.310E+02	8.210E+06	8.952E+06	-9.04	4.469E+06	45.57	4.469E+06	45.57
13	1.320E+02	8.660E+06	1.068E+07	-23.28	4.444E+06	48.68	4.444E+06	48.68
14	1.340E+02	1.200E+07	1.527E+07	-27.27	4.396E+06	63.36	4.396E+06	63.36
15	1.360E+02	1.880E+07	2.102E+07	-11.79	4.350E+06	76.86	4.350E+06	76.86
16	1.370E+02	2.070E+07	2.372E+07	-14.59	4.899E+06	76.33	4.899E+06	76.33
17	1.380E+02	2.110E+07	2.642E+07	-25.23	4.956E+06	76.51	4.956E+06	76.51
18	1.390E+02	2.130E+07	2.913E+07	-36.75	5.003E+06	76.51	5.003E+06	76.51
19	1.400E+02	2.210E+07	3.183E+07	-44.03	5.060E+06	77.11	5.060E+06	77.11
20	1.410E+02	2.160E+07	3.159E+07	-46.24	5.128E+06	76.26	5.128E+06	76.26
21	1.420E+02	2.020E+07	3.135E+07	-55.18	5.547E+06	72.54	5.547E+06	72.54
22	1.440E+02	1.880E+07	2.998E+07	-59.47	5.631E+06	70.05	5.631E+06	70.05
23	1.460E+02	1.850E+07	2.774E+07	-49.93	5.695E+06	69.22	5.695E+06	69.22
24	1.480E+02	1.920E+07	2.545E+07	-32.57	5.774E+06	69.93	5.774E+06	69.93
25	1.500E+02	1.850E+07	2.313E+07	-25.03	5.870E+06	68.27	5.870E+06	68.27
26	1.550E+02	1.440E+07	1.848E+07	-28.35	5.405E+06	62.46	5.405E+06	62.46
27	1.600E+02	1.150E+07	1.484E+07	-29.05	5.008E+06	56.45	5.008E+06	56.45
28	1.650E+02	9.510E+06	1.197E+07	-25.88	4.667E+06	50.92	4.667E+06	50.92
29	1.700E+02	7.970E+06	9.700E+06	-21.70	4.371E+06	45.16	4.371E+06	45.16
30	1.750E+02	7.220E+06	8.435E+06	-16.82	4.112E+06	43.05	4.112E+06	43.05
31	1.800E+02	6.840E+06	7.426E+06	-8.57	3.884E+06	43.22	3.884E+06	43.22
32	1.850E+02	6.600E+06	6.645E+06	-0.69	3.681E+06	44.23	3.681E+06	44.23
33	1.890E+02	6.540E+06	6.168E+06	5.69	3.535E+06	45.95	3.535E+06	45.95

IZ= 63

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
63	1511	17	67Z11	13	6.27E+01	5.02E+01	5.02E+01			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	2.500E+06	3.837E+06	-53.47	5.542E+06	-121.66	5.542E+06	-121.66		
2	1.328E+02	2.900E+06	7.010E+06	-141.73	5.022E+06	-73.17	5.022E+06	-73.17		
3	1.420E+02	1.480E+07	2.041E+07	-37.89	4.811E+06	67.49	4.811E+06	67.49		
4	1.511E+02	8.600E+06	1.401E+07	-62.88	5.926E+06	31.09	5.926E+06	31.09		
5	1.717E+02	5.900E+06	9.447E+06	-60.12	4.754E+06	19.43	4.754E+06	19.43		
6	1.833E+02	5.100E+06	7.894E+06	-54.78	4.286E+06	15.97	4.286E+06	15.97		
7	1.926E+02	4.300E+06	6.605E+06	-53.61	3.975E+06	7.55	3.975E+06	7.55		
8	2.122E+02	3.300E+06	4.984E+06	-51.03	3.485E+06	-5.61	3.485E+06	-5.61		
9	2.770E+02	2.000E+06	3.134E+06	-56.68	2.866E+06	-43.32	2.866E+06	-43.32		
10	3.027E+02	2.100E+06	2.849E+06	-35.65	2.733E+06	-30.13	2.733E+06	-30.13		
11	3.924E+02	1.600E+06	2.411E+06	-50.67	2.222E+06	-38.86	2.222E+06	-38.86		
12	4.522E+02	1.400E+06	2.033E+06	-45.21	1.871E+06	-33.67	1.871E+06	-33.67		
13	5.249E+02	1.200E+06	1.671E+06	-39.26	1.557E+06	-29.77	1.557E+06	-29.77		

IZ= 64



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
64	1512	16	67ZI1	13	9.65E+00	3.90E+01	3.90E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	4.660E+06	4.684E+06	-0.51	5.559E+06	-19.28	5.559E+06	-19.28		
2	1.328E+02	3.290E+06	3.585E+06	-8.98	5.176E+06	-57.33	5.176E+06	-57.33		
3	1.492E+02	3.130E+07	2.601E+07	16.91	4.908E+06	84.32	4.908E+06	84.32		
4	1.511E+02	2.210E+07	2.462E+07	-11.39	4.866E+06	77.98	4.866E+06	77.98		
5	1.717E+02	7.490E+06	7.832E+06	-4.57	5.115E+06	31.71	5.115E+06	31.71		
6	1.833E+02	5.910E+06	6.143E+06	-3.95	4.691E+06	20.63	4.691E+06	20.63		
7	1.926E+02	6.140E+06	6.086E+06	0.88	4.401E+06	28.32	4.401E+06	28.32		
8	2.122E+02	4.800E+06	4.822E+06	-0.45	3.891E+06	18.95	3.891E+06	18.95		
9	2.770E+02	2.890E+06	3.141E+06	-8.68	2.820E+06	2.43	2.820E+06	2.43		
10	3.027E+02	3.090E+06	2.950E+06	4.52	2.873E+06	7.01	2.873E+06	7.01		
11	3.924E+02	2.040E+06	2.486E+06	-21.88	2.383E+06	-16.80	2.383E+06	-16.80		
12	4.522E+02	1.970E+06	2.099E+06	-6.55	2.002E+06	-1.64	2.002E+06	-1.64		
13	5.249E+02	1.610E+06	1.733E+06	-7.65	1.666E+06	-3.46	1.666E+06	-3.46		

IZ= 65

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
65	1523	19	73GR1	16	1.61E+01	4.95E+01	4.95E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.150E+02	4.800E+06	5.223E+06	-8.81	6.499E+06	-35.41	6.499E+06	-35.41		
2	1.330E+02	3.500E+06	3.758E+06	-7.36	6.057E+06	-73.06	6.057E+06	-73.06		
3	1.420E+02	2.500E+06	2.785E+06	-11.39	5.870E+06	-134.80	5.870E+06	-134.80		
4	1.450E+02	4.000E+06	2.825E+06	29.38	5.812E+06	-45.29	5.812E+06	-45.29		
5	1.500E+02	1.000E+07	8.033E+06	19.67	5.719E+06	42.81	5.719E+06	42.81		
6	1.550E+02	1.900E+07	2.060E+07	-8.42	6.063E+06	68.09	6.063E+06	68.09		
7	1.600E+02	1.520E+07	1.620E+07	-6.59	6.153E+06	59.52	6.153E+06	59.52		
8	1.650E+02	1.000E+07	1.097E+07	-9.67	6.388E+06	36.12	6.388E+06	36.12		
9	1.700E+02	7.400E+06	9.001E+06	-21.64	6.135E+06	17.10	6.135E+06	17.10		
10	1.820E+02	7.000E+06	8.315E+06	-18.79	5.611E+06	19.85	5.611E+06	19.85		
11	1.920E+02	6.000E+06	7.184E+06	-19.74	5.246E+06	12.57	5.246E+06	12.57		
12	2.120E+02	5.000E+06	5.827E+06	-16.54	4.618E+06	7.64	4.618E+06	7.64		
13	2.850E+02	3.400E+06	4.086E+06	-20.18	3.442E+06	-1.25	3.442E+06	-1.25		
14	3.450E+02	2.800E+06	3.236E+06	-15.59	2.870E+06	-2.50	2.870E+06	-2.50		
15	3.950E+02	2.300E+06	2.664E+06	-15.83	2.589E+06	-12.55	2.589E+06	-12.55		
16	5.280E+02	1.700E+06	1.787E+06	-5.12	1.780E+06	-4.73	1.780E+06	-4.73		

IZ= 66

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
66	1525	15	67ZI1	12	4.16E+01	2.67E+01	2.67E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	5.370E+06	7.340E+06	-36.69	6.922E+06	-28.90	6.922E+06	-28.90		
2	1.328E+02	4.430E+06	5.733E+06	-29.41	6.511E+06	-46.97	6.511E+06	-46.97		
3	1.511E+02	5.660E+06	9.206E+06	-62.64	6.175E+06	-9.10	6.175E+06	-9.10		
4	1.610E+02	1.620E+07	2.115E+07	-30.58	6.368E+06	60.69	6.368E+06	60.69		
5	1.717E+02	7.400E+06	1.140E+07	-54.02	6.644E+06	10.22	6.644E+06	10.22		
6	1.926E+02	5.410E+06	7.430E+06	-37.34	5.857E+06	-8.26	5.857E+06	-8.26		
7	2.122E+02	4.930E+06	6.365E+06	-29.11	5.197E+06	-5.42	5.197E+06	-5.42		

8	2.770E+02	2.970E+06	4.702E+06	-58.33	3.629E+06	-22.20	3.629E+06	-22.20
9	3.027E+02	3.220E+06	4.504E+06	-39.88	3.545E+06	-10.10	3.545E+06	-10.10
10	3.924E+02	2.340E+06	3.235E+06	-38.23	2.719E+06	-16.19	2.719E+06	-16.19
11	4.522E+02	2.120E+06	2.688E+06	-26.77	2.349E+06	-10.78	2.349E+06	-10.78
12	5.249E+02	1.550E+06	2.125E+06	-37.11	1.930E+06	-24.54	1.930E+06	-24.54

IZ= 67

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
67	1527	15	67Z11	12	1.48E+01	3.96E+01	3.96E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	5.470E+06	6.099E+06	-11.49	7.250E+06	-32.54	7.250E+06	-32.54		
2	1.328E+02	5.040E+06	5.639E+06	-11.89	6.901E+06	-36.93	6.901E+06	-36.93		
3	1.511E+02	3.270E+06	3.720E+06	-13.77	6.612E+06	-102.21	6.612E+06	-102.21		
4	1.670E+02	1.460E+07	1.329E+07	8.99	6.645E+06	54.49	6.645E+06	54.49		
5	1.717E+02	1.350E+07	1.478E+07	-9.45	6.685E+06	50.48	6.685E+06	50.48		
6	1.926E+02	6.350E+06	7.339E+06	-15.58	6.464E+06	-1.79	6.464E+06	-1.79		
7	2.122E+02	5.820E+06	6.018E+06	-3.41	5.777E+06	0.73	5.777E+06	0.73		
8	2.770E+02	3.610E+06	4.375E+06	-21.20	4.030E+06	-11.63	4.030E+06	-11.63		
9	3.027E+02	3.920E+06	4.192E+06	-6.95	3.887E+06	0.84	3.887E+06	0.84		
10	3.924E+02	2.640E+06	3.293E+06	-24.73	2.950E+06	-11.75	2.950E+06	-11.75		
11	4.522E+02	2.520E+06	2.809E+06	-11.46	2.545E+06	-0.98	2.545E+06	-0.98		
12	5.249E+02	1.870E+06	2.283E+06	-22.10	2.075E+06	-10.98	2.075E+06	-10.98		

IZ= 68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
68	1532	14	67Z11	11	1.97E+01	3.74E+01	3.74E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	4.910E+06	6.053E+06	-23.28	7.518E+06	-53.12	7.518E+06	-53.12		
2	1.328E+02	4.740E+06	5.727E+06	-20.83	7.234E+06	-52.62	7.234E+06	-52.62		
3	1.511E+02	4.300E+06	5.044E+06	-17.30	6.996E+06	-62.71	6.996E+06	-62.71		
4	1.717E+02	1.140E+07	1.150E+07	-0.89	6.488E+06	43.09	6.488E+06	43.09		
5	1.926E+02	4.970E+06	6.103E+06	-22.80	6.996E+06	-40.75	6.996E+06	-40.75		
6	2.122E+02	4.410E+06	5.352E+06	-21.35	6.311E+06	-43.10	6.311E+06	-43.10		
7	2.770E+02	3.920E+06	4.856E+06	-23.87	4.397E+06	-12.17	4.397E+06	-12.17		
8	3.027E+02	3.800E+06	4.527E+06	-19.12	3.915E+06	-3.03	3.915E+06	-3.03		
9	3.924E+02	2.890E+06	3.400E+06	-17.64	3.193E+06	-10.48	3.193E+06	-10.48		
10	4.522E+02	2.570E+06	2.925E+06	-13.82	2.746E+06	-6.84	2.746E+06	-6.84		
11	5.249E+02	1.990E+06	2.473E+06	-24.28	2.230E+06	-12.08	2.230E+06	-12.08		

IZ= 69

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
69	1535	14	67Z11	12	9.92E+01	1.08E+02	1.08E+02			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.140E+02	3.600E+06	7.017E+06	-94.92	7.731E+06	-114.74	7.731E+06	-114.74		
2	1.328E+02	3.100E+06	6.146E+06	-98.26	7.512E+06	-142.33	7.512E+06	-142.33		
3	1.511E+02	2.800E+06	5.620E+06	-100.71	7.327E+06	-161.69	7.327E+06	-161.69		
4	1.810E+02	6.100E+06	9.315E+06	-52.70	7.107E+06	-16.51	7.107E+06	-16.51		



5	1.833E+02	4.400E+06	8.435E+06	-91.71	7.115E+06	-61.71	7.115E+06	-61.71
6	1.926E+02	3.300E+06	6.797E+06	-105.98	7.383E+06	-123.74	7.383E+06	-123.74
7	2.122E+02	3.000E+06	5.993E+06	-99.75	6.754E+06	-125.12	6.754E+06	-125.12
8	2.770E+02	2.300E+06	4.795E+06	-108.48	4.753E+06	-106.66	4.753E+06	-106.66
9	3.027E+02	2.200E+06	4.358E+06	-98.09	4.250E+06	-93.19	4.250E+06	-93.19
10	3.924E+02	1.800E+06	3.509E+06	-94.93	3.443E+06	-91.26	3.443E+06	-91.26
11	4.522E+02	1.400E+06	3.135E+06	-123.91	2.879E+06	-105.66	2.879E+06	-105.66
12	5.249E+02	1.300E+06	2.677E+06	-105.92	2.395E+06	-84.24	2.395E+06	-84.24

IZ= 70

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
70	1537	16	67ZI1	13	1.21E+01	1.21E+01	1.21E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	7.660E+06	7.582E+06	1.01	7.896E+06	-3.08	7.896E+06	-3.08		
2	1.328E+02	6.800E+06	6.807E+06	-0.11	7.741E+06	-13.83	7.741E+06	-13.83		
3	1.511E+02	6.840E+06	6.847E+06	-0.10	7.609E+06	-11.24	7.609E+06	-11.24		
4	1.717E+02	5.810E+06	7.311E+06	-25.83	7.149E+06	-23.05	7.149E+06	-23.05		
5	1.833E+02	6.800E+06	6.997E+06	-2.90	6.926E+06	-1.85	6.926E+06	-1.85		
6	1.899E+02	9.890E+06	6.584E+06	33.43	7.298E+06	26.21	7.298E+06	26.21		
7	1.926E+02	6.510E+06	6.526E+06	-0.25	7.313E+06	-12.34	7.313E+06	-12.34		
8	2.122E+02	6.340E+06	6.379E+06	-0.62	7.049E+06	-11.18	7.049E+06	-11.18		
9	2.770E+02	4.940E+06	5.092E+06	-3.07	5.090E+06	-3.03	5.090E+06	-3.03		
10	3.027E+02	4.700E+06	4.772E+06	-1.53	4.586E+06	2.43	4.586E+06	2.43		
11	3.924E+02	3.670E+06	3.945E+06	-7.50	3.701E+06	-0.85	3.701E+06	-0.85		
12	4.522E+02	3.290E+06	3.324E+06	-1.04	3.078E+06	6.44	3.078E+06	6.44		
13	5.249E+02	2.680E+06	2.865E+06	-6.92	2.568E+06	4.18	2.568E+06	4.18		

IZ= 71

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
71	1544	14	67ZI1	11	1.35E+02	1.53E+02	1.53E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.050E+02	2.800E+06	6.273E+06	-124.05	7.335E+06	-161.97	7.335E+06	-161.97		
2	1.210E+02	2.600E+06	6.516E+06	-150.62	7.398E+06	-184.55	7.398E+06	-184.55		
3	1.370E+02	2.800E+06	6.647E+06	-137.38	7.492E+06	-167.59	7.492E+06	-167.59		
4	1.570E+02	2.600E+06	6.651E+06	-155.80	7.442E+06	-186.24	7.442E+06	-186.24		
5	1.650E+02	2.800E+06	6.552E+06	-134.02	7.297E+06	-160.61	7.297E+06	-160.61		
6	1.940E+02	2.800E+06	6.278E+06	-124.20	6.847E+06	-144.53	6.847E+06	-144.53		
7	2.500E+02	2.400E+06	5.525E+06	-130.21	6.011E+06	-150.45	6.011E+06	-150.45		
8	2.660E+02	2.500E+06	5.238E+06	-109.51	5.618E+06	-124.71	5.618E+06	-124.71		
9	3.390E+02	2.000E+06	4.435E+06	-121.73	4.295E+06	-114.74	4.295E+06	-114.74		
10	3.950E+02	1.800E+06	4.002E+06	-122.35	3.845E+06	-113.62	3.845E+06	-113.62		
11	4.522E+02	1.300E+06	3.411E+06	-162.42	3.273E+06	-151.75	3.273E+06	-151.75		

IZ= 72

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
72	1546	1	76LU1	1	3.24E+00	2.79E+00	2.79E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	

1 2.770E+02 5.510E+06 5.331E+06 3.24 5.664E+06 -2.79 5.664E+06 -2.79

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
72	1547	1	68K01	1	1.37E+02	1.52E+02	1.52E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	2.252E+06	5.331E+06	-136.74	5.664E+06	-151.51	5.664E+06	-151.51		

IZ= 73

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1553	30	69HA2	12	2.51E+01	2.65E+01	2.65E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	8.100E+06	6.812E+06	15.90	5.067E+06	37.44	5.067E+06	37.44		
2	1.200E+02	7.600E+06	6.570E+06	13.56	5.634E+06	25.86	5.634E+06	25.86		
3	1.400E+02	8.000E+06	6.437E+06	19.53	6.386E+06	20.17	6.386E+06	20.17		
4	1.600E+02	7.400E+06	6.340E+06	16.57	6.808E+06	10.42	6.808E+06	10.42		
5	1.800E+02	7.400E+06	6.248E+06	15.56	6.835E+06	7.64	6.835E+06	7.64		
6	2.000E+02	7.200E+06	6.219E+06	13.63	6.866E+06	4.64	6.866E+06	4.64		
7	2.500E+02	6.900E+06	5.754E+06	16.61	6.566E+06	4.83	6.566E+06	4.83		
8	3.000E+02	6.500E+06	5.140E+06	20.92	5.487E+06	15.59	5.487E+06	15.59		
9	3.500E+02	5.800E+06	4.471E+06	22.91	4.606E+06	20.59	4.606E+06	20.59		
10	4.000E+02	5.600E+06	3.985E+06	28.84	4.249E+06	24.13	4.249E+06	24.13		
11	5.000E+02	5.600E+06	3.362E+06	39.97	3.265E+06	41.69	3.265E+06	41.69		
12	6.000E+02	5.400E+06	2.774E+06	48.64	2.560E+06	52.58	2.560E+06	52.58		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1554	25	68JA1	21	1.84E+01	2.00E+01	2.00E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.030E+02	6.190E+06	6.771E+06	-9.38	5.133E+06	17.08	5.133E+06	17.08		
2	1.080E+02	6.190E+06	6.708E+06	-8.36	5.260E+06	15.02	5.260E+06	15.02		
3	1.130E+02	6.190E+06	6.648E+06	-7.40	5.406E+06	12.66	5.406E+06	12.66		
4	1.180E+02	6.250E+06	6.591E+06	-5.46	5.567E+06	10.93	5.567E+06	10.93		
5	1.240E+02	6.310E+06	6.527E+06	-3.44	5.775E+06	8.48	5.775E+06	8.48		
6	1.310E+02	6.290E+06	6.481E+06	-3.04	6.034E+06	4.08	6.034E+06	4.08		
7	1.380E+02	6.220E+06	6.447E+06	-3.65	6.306E+06	-1.39	6.306E+06	-1.39		
8	1.460E+02	6.190E+06	6.410E+06	-3.55	6.631E+06	-7.12	6.631E+06	-7.12		
9	1.550E+02	6.140E+06	6.371E+06	-3.76	6.802E+06	-10.79	6.802E+06	-10.79		
10	1.650E+02	6.110E+06	6.294E+06	-3.01	6.814E+06	-11.52	6.814E+06	-11.52		
11	1.770E+02	6.050E+06	6.243E+06	-3.19	6.830E+06	-12.90	6.830E+06	-12.90		
12	1.910E+02	6.030E+06	6.267E+06	-3.93	6.851E+06	-13.62	6.851E+06	-13.62		
13	2.070E+02	6.030E+06	6.173E+06	-2.37	6.766E+06	-12.21	6.766E+06	-12.21		
14	2.250E+02	6.050E+06	5.999E+06	0.84	6.531E+06	-7.95	6.531E+06	-7.95		
15	2.480E+02	6.080E+06	5.772E+06	5.06	6.619E+06	-8.87	6.619E+06	-8.87		
16	2.760E+02	6.130E+06	5.525E+06	9.87	5.953E+06	2.89	5.953E+06	2.89		
17	3.100E+02	6.170E+06	4.990E+06	19.13	5.279E+06	14.43	5.279E+06	14.43		
18	3.540E+02	6.160E+06	4.425E+06	28.16	4.550E+06	26.14	4.550E+06	26.14		
19	4.130E+02	6.130E+06	3.933E+06	35.85	4.085E+06	33.35	4.085E+06	33.35		
20	4.960E+02	6.010E+06	3.394E+06	43.53	3.299E+06	45.11	3.299E+06	45.11		
21	5.390E+02	5.900E+06	3.059E+06	48.15	2.931E+06	50.32	2.931E+06	50.32		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1555	1	76LU1	1	1.29E+00	9.04E+00	9.04E+00			



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.770E+02	5.440E+06	5.510E+06	-1.29	5.932E+06	-9.04	5.932E+06	-9.04

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
73	1556	1	68K01	1	1.16E+02	1.32E+02	1.32E+02		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	2.554E+06	5.510E+06	-115.75	5.932E+06	-132.26	5.932E+06	-132.26	

IZ= 74

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
74	1586	31	64HA2	13	1.22E+01	1.92E+01	1.92E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.300E+06	6.327E+06	-0.43	3.936E+06	37.53	3.936E+06	37.53	
2	1.200E+02	5.900E+06	6.074E+06	-2.94	4.532E+06	23.19	4.532E+06	23.19	
3	1.400E+02	6.200E+06	5.743E+06	7.37	5.505E+06	11.20	5.505E+06	11.20	
4	1.600E+02	6.500E+06	5.757E+06	11.44	6.214E+06	4.40	6.214E+06	4.40	
5	1.800E+02	6.200E+06	5.969E+06	3.73	6.472E+06	-4.39	6.472E+06	-4.39	
6	2.000E+02	5.900E+06	6.088E+06	-3.19	6.726E+06	-13.99	6.726E+06	-13.99	
7	2.500E+02	5.500E+06	5.853E+06	-6.42	6.520E+06	-18.54	6.520E+06	-18.54	
8	3.000E+02	5.100E+06	5.342E+06	-4.75	5.732E+06	-12.40	5.732E+06	-12.40	
9	3.500E+02	4.700E+06	4.676E+06	0.50	4.851E+06	-3.21	4.851E+06	-3.21	
10	4.000E+02	4.400E+06	4.188E+06	4.82	4.246E+06	3.50	4.246E+06	3.50	
11	4.500E+02	4.600E+06	3.973E+06	13.64	3.881E+06	15.63	3.881E+06	15.63	
12	5.000E+02	4.300E+06	3.545E+06	17.55	3.460E+06	19.53	3.460E+06	19.53	
13	6.000E+02	4.300E+06	2.841E+06	33.92	2.717E+06	36.80	2.717E+06	36.80	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
74	1587	1	76LU1	1	1.52E+01	2.47E+01	2.47E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	4.950E+06	5.704E+06	-15.24	6.174E+06	-24.73	6.174E+06	-24.73	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
74	1588	1	68K01	1	8.70E+01	1.02E+02	1.02E+02		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	3.050E+06	5.704E+06	-87.02	6.174E+06	-102.43	6.174E+06	-102.43	

IZ= 75

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
75	1623	30	69HA2	12	1.40E+01	2.40E+01	2.40E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	4.800E+06	5.001E+06	-4.19	3.125E+06	34.89	3.125E+06	34.89	
2	1.100E+02	4.800E+06	4.967E+06	-3.47	3.225E+06	32.80	3.225E+06	32.80	
3	1.200E+02	5.100E+06	5.175E+06	-1.47	3.519E+06	31.01	3.519E+06	31.01	
4	1.400E+02	5.400E+06	5.361E+06	0.72	4.521E+06	16.27	4.521E+06	16.27	
5	1.600E+02	5.400E+06	5.428E+06	-0.52	5.428E+06	-0.52	5.428E+06	-0.52	
6	2.000E+02	5.400E+06	5.765E+06	-6.77	6.411E+06	-18.72	6.411E+06	-18.72	
7	2.500E+02	5.400E+06	5.792E+06	-7.26	6.178E+06	-14.40	6.178E+06	-14.40	
8	3.000E+02	5.400E+06	5.423E+06	-0.43	5.937E+06	-9.94	5.937E+06	-9.94	
9	3.500E+02	4.000E+06	4.788E+06	-19.69	5.076E+06	-26.91	5.076E+06	-26.91	

10	4.000E+02	4.700E+06	4.283E+06	8.88	4.468E+06	4.93	4.468E+06	4.93
11	5.000E+02	4.500E+06	3.574E+06	20.59	3.607E+06	19.85	3.607E+06	19.85
12	6.000E+02	4.700E+06	2.977E+06	36.66	2.819E+06	40.01	2.819E+06	40.01

IZ= 76

IZ= 77

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
77	1625	37	75CU1	17	2.81E+01	4.48E+01	4.48E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	7.400E+06	5.394E+06	27.11	2.999E+06	59.47	2.999E+06	59.47	59.47	
2	1.100E+02	7.500E+06	5.466E+06	27.12	2.588E+06	65.49	2.588E+06	65.49	65.49	
3	1.200E+02	7.400E+06	5.355E+06	27.63	2.470E+06	66.62	2.470E+06	66.62	66.62	
4	1.300E+02	6.600E+06	4.810E+06	27.12	2.551E+06	61.34	2.551E+06	61.34	61.34	
5	1.400E+02	6.900E+06	5.028E+06	27.12	2.782E+06	59.68	2.782E+06	59.68	59.68	
6	1.500E+02	7.100E+06	5.174E+06	27.12	3.136E+06	55.83	3.136E+06	55.83	55.83	
7	1.600E+02	6.900E+06	5.042E+06	26.92	3.464E+06	49.79	3.464E+06	49.79	49.79	
8	1.700E+02	6.900E+06	5.028E+06	27.12	3.838E+06	44.37	3.838E+06	44.37	44.37	
9	1.800E+02	7.000E+06	5.109E+06	27.02	4.255E+06	39.22	4.255E+06	39.22	39.22	
10	1.900E+02	7.200E+06	5.225E+06	27.43	4.712E+06	34.55	4.712E+06	34.55	34.55	
11	2.000E+02	7.000E+06	5.113E+06	26.96	5.209E+06	25.58	5.209E+06	25.58	25.58	
12	2.500E+02	7.000E+06	5.101E+06	27.12	5.566E+06	20.48	5.566E+06	20.48	20.48	
13	2.600E+02	7.000E+06	5.113E+06	26.96	5.634E+06	19.52	5.634E+06	19.52	19.52	
14	2.650E+02	7.300E+06	5.144E+06	29.53	5.667E+06	22.37	5.667E+06	22.37	22.37	
15	3.000E+02	7.400E+06	5.675E+06	23.31	6.021E+06	18.64	6.021E+06	18.64	18.64	
16	3.500E+02	7.300E+06	5.083E+06	30.37	5.459E+06	25.22	5.459E+06	25.22	25.22	
17	4.000E+02	7.500E+06	4.604E+06	38.62	4.875E+06	35.01	4.875E+06	35.01	35.01	

IZ= 78

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1628	31	69HA2	12	1.55E+01	3.29E+01	3.29E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.500E+06	6.237E+06	4.05	3.305E+06	49.15	3.305E+06	49.15	49.15	
2	1.200E+02	4.400E+06	4.102E+06	6.77	2.231E+06	49.30	2.231E+06	49.30	49.30	
3	1.400E+02	4.100E+06	3.830E+06	6.58	2.159E+06	47.34	2.159E+06	47.34	47.34	
4	1.600E+02	4.500E+06	4.172E+06	7.30	2.586E+06	42.53	2.586E+06	42.53	42.53	
5	1.800E+02	5.200E+06	4.673E+06	10.13	3.363E+06	35.32	3.363E+06	35.32	35.32	
6	2.000E+02	5.900E+06	5.149E+06	12.72	4.425E+06	25.01	4.425E+06	25.01	25.01	
7	2.500E+02	6.100E+06	5.290E+06	13.27	5.119E+06	16.08	5.119E+06	16.08	16.08	
8	3.000E+02	5.800E+06	5.135E+06	11.47	5.802E+06	-0.03	5.802E+06	-0.03	-0.03	
9	3.500E+02	5.900E+06	5.014E+06	15.02	5.622E+06	4.71	5.622E+06	4.71	4.71	
10	4.000E+02	5.600E+06	4.849E+06	13.41	5.048E+06	9.87	5.048E+06	9.87	9.87	
11	5.000E+02	5.300E+06	3.871E+06	26.96	3.965E+06	25.18	3.965E+06	25.18	25.18	
12	6.000E+02	5.000E+06	3.411E+06	31.79	3.282E+06	34.36	3.282E+06	34.36	34.36	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1629	29	68JA1	27	1.06E+01	3.27E+01	3.27E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	



1	1.030E+02	5.470E+06	5.724E+06	-4.64	2.998E+06	45.19	2.998E+06	45.19
2	1.130E+02	5.170E+06	4.558E+06	11.84	2.423E+06	53.13	2.423E+06	53.13
3	1.240E+02	4.930E+06	3.905E+06	20.79	2.167E+06	56.04	2.167E+06	56.04
4	1.310E+02	4.860E+06	3.815E+06	21.50	2.121E+06	56.35	2.121E+06	56.35
5	1.380E+02	4.790E+06	3.796E+06	20.74	2.143E+06	55.27	2.143E+06	55.27
6	1.460E+02	4.790E+06	3.929E+06	17.97	2.234E+06	53.36	2.234E+06	53.36
7	1.550E+02	4.790E+06	4.075E+06	14.92	2.436E+06	49.15	2.436E+06	49.15
8	1.610E+02	4.790E+06	4.196E+06	12.41	2.618E+06	45.34	2.618E+06	45.34
9	1.650E+02	4.830E+06	4.295E+06	11.07	2.754E+06	42.98	2.754E+06	42.98
10	1.770E+02	4.960E+06	4.598E+06	7.30	3.229E+06	34.90	3.229E+06	34.90
11	1.820E+02	4.990E+06	4.724E+06	5.34	3.457E+06	30.73	3.457E+06	30.73
12	1.850E+02	5.040E+06	4.799E+06	4.78	3.602E+06	28.54	3.602E+06	28.54
13	1.880E+02	5.010E+06	4.874E+06	2.70	3.753E+06	25.09	3.753E+06	25.09
14	1.910E+02	5.060E+06	4.950E+06	2.18	3.911E+06	22.70	3.911E+06	22.70
15	2.070E+02	5.170E+06	5.184E+06	-0.28	4.522E+06	12.53	4.522E+06	12.53
16	2.140E+02	5.180E+06	5.203E+06	-0.44	4.620E+06	10.82	4.620E+06	10.82
17	2.180E+02	5.210E+06	5.213E+06	-0.06	4.675E+06	10.26	4.675E+06	10.26
18	2.210E+02	5.210E+06	5.221E+06	-0.21	4.717E+06	9.46	4.717E+06	9.46
19	2.250E+02	5.200E+06	5.231E+06	-0.59	4.773E+06	8.22	4.773E+06	8.22
20	2.340E+02	5.190E+06	5.253E+06	-1.21	4.898E+06	5.63	4.898E+06	5.63
21	2.480E+02	5.190E+06	5.286E+06	-1.84	5.091E+06	1.90	5.091E+06	1.90
22	2.580E+02	5.180E+06	5.267E+06	-1.68	5.229E+06	-0.95	5.229E+06	-0.95
23	2.760E+02	5.180E+06	5.202E+06	-0.43	5.476E+06	-5.71	5.476E+06	-5.71
24	3.100E+02	5.120E+06	5.109E+06	0.22	5.728E+06	-11.87	5.728E+06	-11.87
25	3.540E+02	5.120E+06	5.005E+06	2.24	5.569E+06	-8.78	5.569E+06	-8.78
26	4.130E+02	5.120E+06	4.703E+06	8.14	4.862E+06	5.04	4.862E+06	5.04
27	4.960E+02	5.090E+06	3.905E+06	23.28	3.996E+06	21.49	3.996E+06	21.49

IZ= 79

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1654	28	69HA2	12	1.27E+01	2.23E+01	2.23E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	6.300E+06	7.788E+06	-23.61	3.795E+06	39.77	3.795E+06	39.77	3.795E+06	39.77
2	1.100E+02	4.400E+06	5.331E+06	-21.17	2.794E+06	36.51	2.794E+06	36.51	2.794E+06	36.51
3	1.200E+02	3.400E+06	3.708E+06	-9.05	2.285E+06	32.78	2.285E+06	32.78	2.285E+06	32.78
4	1.400E+02	2.400E+06	2.623E+06	-9.31	1.817E+06	24.31	1.817E+06	24.31	1.817E+06	24.31
5	1.600E+02	2.500E+06	2.769E+06	-10.75	1.930E+06	22.80	1.930E+06	22.80	1.930E+06	22.80
6	1.800E+02	3.000E+06	3.316E+06	-10.55	2.540E+06	15.33	2.540E+06	15.33	2.540E+06	15.33
7	2.000E+02	3.600E+06	3.938E+06	-9.38	3.504E+06	2.67	3.504E+06	2.67	3.504E+06	2.67
8	2.500E+02	4.900E+06	4.743E+06	3.20	4.543E+06	7.29	4.543E+06	7.29	4.543E+06	7.29
9	3.000E+02	5.100E+06	4.991E+06	2.14	5.694E+06	-11.65	5.694E+06	-11.65	5.694E+06	-11.65
10	3.500E+02	5.100E+06	5.024E+06	1.49	5.580E+06	-9.42	5.580E+06	-9.42	5.580E+06	-9.42
11	4.000E+02	5.100E+06	4.979E+06	2.38	5.191E+06	-1.79	5.191E+06	-1.79	5.191E+06	-1.79
12	5.000E+02	5.100E+06	4.041E+06	20.76	4.149E+06	18.66	4.149E+06	18.66	4.149E+06	18.66

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1655	11	67ER1	8	2.60E+01	2.42E+01	2.42E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.070E+02	5.020E+06	5.838E+06	-16.30	3.042E+06	39.40	3.042E+06	39.40	3.042E+06	39.40
2	1.310E+02	2.300E+06	2.917E+06	-26.82	1.957E+06	14.92	1.957E+06	14.92	1.957E+06	14.92
3	1.650E+02	2.080E+06	2.885E+06	-38.70	2.051E+06	1.39	2.051E+06	1.39	2.051E+06	1.39

4	2.050E+02	3.050E+06	4.069E+06	-33.42	3.602E+06	-18.09	3.602E+06	-18.09
5	3.070E+02	3.950E+06	4.996E+06	-26.47	5.662E+06	-43.35	5.662E+06	-43.35
6	4.570E+02	3.720E+06	4.428E+06	-19.03	4.514E+06	-21.35	4.514E+06	-21.35
7	6.490E+02	2.900E+06	3.242E+06	-11.78	3.109E+06	-7.22	3.109E+06	-7.22
8	8.330E+02	1.850E+06	2.299E+06	-24.25	2.109E+06	-14.01	2.109E+06	-14.01

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1656	20	69JA1	20	1.36E+01	3.14E+01	3.14E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.030E+02	4.940E+06	6.798E+06	-37.61	3.438E+06	30.40	3.438E+06	30.40		
2	1.080E+02	4.740E+06	5.669E+06	-19.60	2.955E+06	37.65	2.955E+06	37.65		
3	1.130E+02	4.510E+06	4.766E+06	-5.67	2.580E+06	42.80	2.580E+06	42.80		
4	1.180E+02	4.280E+06	3.950E+06	7.70	2.371E+06	44.60	2.371E+06	44.60		
5	1.240E+02	3.860E+06	3.343E+06	13.40	2.141E+06	44.54	2.141E+06	44.54		
6	1.310E+02	3.370E+06	2.917E+06	13.45	1.957E+06	41.94	1.957E+06	41.94		
7	1.380E+02	2.850E+06	2.670E+06	6.30	1.840E+06	35.44	1.840E+06	35.44		
8	1.460E+02	2.780E+06	2.613E+06	6.00	1.768E+06	36.42	1.768E+06	36.42		
9	1.550E+02	2.810E+06	2.683E+06	4.53	1.830E+06	34.88	1.830E+06	34.88		
10	1.650E+02	3.110E+06	2.885E+06	7.24	2.051E+06	34.05	2.051E+06	34.05		
11	1.770E+02	3.660E+06	3.225E+06	11.89	2.427E+06	33.69	2.427E+06	33.69		
12	1.910E+02	4.090E+06	3.654E+06	10.67	3.024E+06	26.07	3.024E+06	26.07		
13	2.070E+02	4.320E+06	4.120E+06	4.63	3.641E+06	15.71	3.641E+06	15.71		
14	2.250E+02	4.450E+06	4.503E+06	-1.19	4.007E+06	9.95	4.007E+06	9.95		
15	2.480E+02	4.550E+06	4.725E+06	-3.86	4.499E+06	1.12	4.499E+06	1.12		
16	2.760E+02	4.320E+06	4.960E+06	-14.81	5.129E+06	-18.73	5.129E+06	-18.73		
17	3.100E+02	4.350E+06	4.998E+06	-14.89	5.649E+06	-29.87	5.649E+06	-29.87		
18	3.540E+02	4.380E+06	5.026E+06	-14.76	5.684E+06	-29.78	5.684E+06	-29.78		
19	4.130E+02	4.120E+06	4.842E+06	-17.53	5.013E+06	-21.68	5.013E+06	-21.68		
20	4.960E+02	3.920E+06	4.074E+06	-3.94	4.178E+06	-6.59	4.178E+06	-6.59		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1657	33	66JA1	33	1.31E+01	2.83E+01	2.83E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.050E+02	4.940E+06	6.275E+06	-27.02	3.230E+06	34.61	3.230E+06	34.61		
2	1.100E+02	4.610E+06	5.331E+06	-15.65	2.794E+06	39.40	2.794E+06	39.40		
3	1.200E+02	4.090E+06	3.708E+06	9.35	2.285E+06	44.12	2.285E+06	44.12		
4	1.300E+02	3.400E+06	2.962E+06	12.89	1.978E+06	41.81	1.978E+06	41.81		
5	1.400E+02	2.790E+06	2.623E+06	5.97	1.817E+06	34.89	1.817E+06	34.89		
6	1.450E+02	2.780E+06	2.615E+06	5.94	1.774E+06	36.20	1.774E+06	36.20		
7	1.500E+02	2.810E+06	2.606E+06	7.24	1.750E+06	37.71	1.750E+06	37.71		
8	1.550E+02	2.810E+06	2.683E+06	4.53	1.830E+06	34.88	1.830E+06	34.88		
9	1.600E+02	2.910E+06	2.769E+06	4.86	1.930E+06	33.68	1.930E+06	33.68		
10	1.700E+02	3.340E+06	3.013E+06	9.80	2.193E+06	34.34	2.193E+06	34.34		
11	1.800E+02	3.780E+06	3.316E+06	12.26	2.540E+06	32.80	2.540E+06	32.80		
12	1.900E+02	4.070E+06	3.623E+06	10.99	2.975E+06	26.90	2.975E+06	26.90		
13	2.000E+02	4.220E+06	3.938E+06	6.69	3.504E+06	16.97	3.504E+06	16.97		
14	2.100E+02	4.330E+06	4.196E+06	3.10	3.701E+06	14.53	3.701E+06	14.53		
15	2.200E+02	4.420E+06	4.439E+06	-0.43	3.904E+06	11.68	3.904E+06	11.68		
16	2.300E+02	4.460E+06	4.554E+06	-2.10	4.112E+06	7.80	4.112E+06	7.80		
17	2.400E+02	4.500E+06	4.653E+06	-3.40	4.325E+06	3.89	4.325E+06	3.89		
18	2.500E+02	4.530E+06	4.743E+06	-4.70	4.543E+06	-0.28	4.543E+06	-0.28		
19	3.000E+02	4.320E+06	4.991E+06	-15.52	5.694E+06	-31.80	5.694E+06	-31.80		
20	3.100E+02	4.320E+06	4.998E+06	-15.69	5.649E+06	-30.77	5.649E+06	-30.77		



21	3.200E+02	4.310E+06	5.005E+06	-16.11	5.606E+06	-30.08	5.606E+06	-30.08
22	3.300E+02	4.310E+06	5.011E+06	-16.27	5.565E+06	-29.12	5.565E+06	-29.12
23	3.400E+02	4.330E+06	5.018E+06	-15.88	5.695E+06	-31.53	5.695E+06	-31.53
24	3.500E+02	4.370E+06	5.024E+06	-14.96	5.580E+06	-27.69	5.580E+06	-27.69
25	3.600E+02	4.340E+06	5.030E+06	-15.90	5.615E+06	-29.37	5.615E+06	-29.37
26	3.700E+02	4.300E+06	5.036E+06	-17.12	5.499E+06	-27.88	5.499E+06	-27.88
27	3.800E+02	4.260E+06	5.042E+06	-18.35	5.390E+06	-26.53	5.390E+06	-26.53
28	3.900E+02	4.220E+06	5.036E+06	-19.33	5.288E+06	-25.30	5.288E+06	-25.30
29	4.000E+02	4.170E+06	4.979E+06	-19.39	5.191E+06	-24.49	5.191E+06	-24.49
30	4.200E+02	4.090E+06	4.773E+06	-16.69	4.924E+06	-20.38	4.924E+06	-20.38
31	4.400E+02	4.020E+06	4.584E+06	-14.04	4.690E+06	-16.66	4.690E+06	-16.66
32	4.600E+02	3.970E+06	4.400E+06	-10.82	4.485E+06	-12.97	4.485E+06	-12.97
33	4.750E+02	3.920E+06	4.258E+06	-8.63	4.348E+06	-10.93	4.348E+06	-10.93

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1658	5	64LU2	5	3.45E+01	3.16E+01	3.16E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.097E+02	4.405E+06	5.382E+06	-22.18	2.817E+06	36.05	2.817E+06	36.05		
2	1.850E+02	2.203E+06	3.469E+06	-57.45	2.746E+06	-24.67	2.746E+06	-24.67		
3	2.820E+02	3.813E+06	4.977E+06	-30.54	5.268E+06	-38.16	5.268E+06	-38.16		
4	3.950E+02	3.931E+06	5.024E+06	-27.80	5.239E+06	-33.27	5.239E+06	-33.27		
5	5.250E+02	3.169E+06	3.840E+06	-21.18	3.898E+06	-23.00	3.898E+06	-23.00		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1659	16	67ER2	13	1.58E+01	1.67E+01	1.67E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	3.730E+06	4.592E+06	-23.10	2.515E+06	32.57	2.515E+06	32.57		
2	1.833E+02	2.610E+06	3.417E+06	-30.92	2.674E+06	-2.44	2.674E+06	-2.44		
3	2.770E+02	4.070E+06	4.963E+06	-21.93	5.152E+06	-26.59	5.152E+06	-26.59		
4	3.953E+02	4.850E+06	5.023E+06	-3.57	5.236E+06	-7.95	5.236E+06	-7.95		
5	4.522E+02	4.740E+06	4.473E+06	5.63	4.562E+06	3.76	4.562E+06	3.76		
6	5.003E+02	4.830E+06	4.039E+06	16.38	4.145E+06	14.18	4.145E+06	14.18		
7	5.249E+02	3.390E+06	3.841E+06	-13.31	3.899E+06	-15.01	3.899E+06	-15.01		
8	5.728E+02	2.800E+06	3.457E+06	-23.46	3.665E+06	-30.88	3.665E+06	-30.88		
9	6.374E+02	2.930E+06	3.312E+06	-13.02	3.198E+06	-9.14	3.198E+06	-9.14		
10	7.050E+02	2.830E+06	2.876E+06	-1.64	2.738E+06	3.25	2.738E+06	3.25		
11	7.762E+02	2.490E+06	2.595E+06	-4.23	2.386E+06	4.18	2.386E+06	4.18		
12	8.515E+02	2.300E+06	2.212E+06	3.84	2.029E+06	11.78	2.029E+06	11.78		
13	9.297E+02	1.960E+06	1.894E+06	3.35	1.735E+06	11.48	1.735E+06	11.48		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1660	2	76LU1	1	1.00E+01	1.42E+01	1.42E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	4.510E+06	4.963E+06	-10.04	5.152E+06	-14.24	5.152E+06	-14.24		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1661	1	31DE1	1	2.14E+01	2.60E+01	2.60E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.770E+02	4.088E+06	4.963E+06	-21.40	5.152E+06	-26.03	5.152E+06	-26.03		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1662	1	75LU1	1	3.66E+00	1.18E+01	1.18E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	

1 9.340E+02 1.950E+06 1.879E+06 3.66 1.720E+06 11.78 1.720E+06 11.78

IZ= 80

IZ= 81

IZ= 82

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
82	143	12	66LU2	8	3.07E+01	4.98E+01	4.98E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.140E+02	8.490E+06	5.248E+06	38.19	3.144E+06	62.96	3.144E+06	62.96		
2	1.328E+02	5.160E+06	2.982E+06	42.21	1.771E+06	65.68	1.771E+06	65.68		
3	1.511E+02	3.640E+06	2.259E+06	37.94	1.299E+06	64.32	1.299E+06	64.32		
4	1.717E+02	2.430E+06	2.029E+06	16.49	1.265E+06	47.94	1.265E+06	47.94		
5	1.926E+02	2.120E+06	2.165E+06	-2.13	1.230E+06	41.96	1.230E+06	41.96		
6	2.770E+02	5.760E+06	4.534E+06	21.29	3.407E+06	40.85	3.407E+06	40.85		
7	3.924E+02	6.970E+06	4.726E+06	32.19	5.111E+06	26.68	5.111E+06	26.68		
8	5.249E+02	6.370E+06	4.279E+06	32.82	4.377E+06	31.29	4.377E+06	31.29		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
82	144	9	73HE1	7	3.16E+01	3.77E+01	3.77E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.830E+02	2.706E+06	2.073E+06	23.38	1.230E+06	54.55	1.230E+06	54.55		
2	2.770E+02	4.675E+06	4.534E+06	3.03	3.407E+06	27.12	3.407E+06	27.12		
3	3.920E+02	6.881E+06	4.728E+06	31.29	5.109E+06	25.76	5.109E+06	25.76		
4	5.250E+02	6.932E+06	4.279E+06	38.27	4.376E+06	36.87	4.376E+06	36.87		
5	6.790E+02	5.295E+06	3.156E+06	40.39	3.314E+06	37.41	3.314E+06	37.41		
6	7.760E+02	4.440E+06	2.852E+06	35.78	2.730E+06	38.51	2.730E+06	38.51		
7	8.520E+02	3.674E+06	2.457E+06	33.14	2.333E+06	36.51	2.333E+06	36.51		

IZ= 83

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
83	1725	22	68HA1	9	1.50E+01	6.33E+01	6.33E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+02	1.530E+07	1.296E+07	15.30	5.307E+06	65.31	5.307E+06	65.31		
2	1.100E+02	1.210E+07	9.966E+06	17.63	3.567E+06	70.52	3.567E+06	70.52		
3	1.200E+02	8.000E+06	7.385E+06	7.69	2.499E+06	68.77	2.499E+06	68.77		
4	1.300E+02	5.900E+06	5.731E+06	2.87	2.233E+06	62.15	2.233E+06	62.15		
5	1.400E+02	5.000E+06	4.378E+06	12.44	1.701E+06	65.98	1.701E+06	65.98		
6	1.500E+02	4.300E+06	3.264E+06	24.09	1.331E+06	69.04	1.331E+06	69.04		
7	1.700E+02	3.000E+06	2.335E+06	22.17	1.084E+06	63.85	1.084E+06	63.85		
8	1.900E+02	2.300E+06	2.057E+06	10.56	1.053E+06	54.22	1.053E+06	54.22		
9	2.040E+02	1.900E+06	2.072E+06	-9.03	1.024E+06	46.11	1.024E+06	46.11		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
83	1726	50	70DH1	14	3.10E+01	4.64E+01	4.64E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	



1	1.030E+02	9.500E+06	1.197E+07	-25.96	4.688E+06	50.65	4.688E+06	50.65
2	1.080E+02	8.500E+06	1.050E+07	-23.55	3.848E+06	54.73	3.848E+06	54.73
3	1.130E+02	7.600E+06	9.067E+06	-19.30	3.193E+06	57.99	3.193E+06	57.99
4	1.180E+02	6.200E+06	7.798E+06	-25.78	2.675E+06	56.85	2.675E+06	56.85
5	1.240E+02	5.000E+06	6.644E+06	-32.88	2.668E+06	46.64	2.668E+06	46.64
6	1.310E+02	4.000E+06	5.591E+06	-39.77	2.170E+06	45.75	2.170E+06	45.75
7	1.380E+02	3.400E+06	4.644E+06	-36.58	1.792E+06	47.29	1.792E+06	47.29
8	1.460E+02	2.500E+06	3.690E+06	-47.59	1.464E+06	41.44	1.464E+06	41.44
9	1.550E+02	2.000E+06	2.904E+06	-45.19	1.186E+06	40.72	1.186E+06	40.72
10	1.650E+02	1.900E+06	2.457E+06	-29.30	9.555E+05	49.71	9.555E+05	49.71
11	1.770E+02	1.670E+06	2.206E+06	-32.08	1.158E+06	30.66	1.158E+06	30.66
12	1.910E+02	1.630E+06	2.049E+06	-25.73	1.046E+06	35.81	1.046E+06	35.81
13	2.070E+02	1.770E+06	2.094E+06	-18.29	1.050E+06	40.69	1.050E+06	40.69
14	2.250E+02	2.200E+06	2.292E+06	-4.18	1.268E+06	42.34	1.268E+06	42.34

ILT MSET NMAX REF NTAL RMSDH RMSDS RMSDSR  
83 1727 36 67JA1 36 5.75E+01 6.76E+01 6.76E+01

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.400E+02	3.120E+06	4.378E+06	-40.32	1.701E+06	45.48	1.701E+06	45.48
2	1.500E+02	2.640E+06	3.264E+06	-23.63	1.331E+06	49.58	1.331E+06	49.58
3	1.540E+02	2.500E+06	2.969E+06	-18.76	1.213E+06	51.49	1.213E+06	51.49
4	1.550E+02	2.520E+06	2.904E+06	-15.23	1.186E+06	52.95	1.186E+06	52.95
5	1.590E+02	2.480E+06	2.664E+06	-7.42	1.085E+06	56.25	1.085E+06	56.25
6	1.600E+02	2.490E+06	2.621E+06	-5.25	1.062E+06	57.36	1.062E+06	57.36
7	1.700E+02	2.270E+06	2.335E+06	-2.86	1.084E+06	52.23	1.084E+06	52.23
8	1.750E+02	2.170E+06	2.241E+06	-3.29	1.178E+06	45.73	1.178E+06	45.73
9	1.800E+02	2.120E+06	2.160E+06	-1.88	1.130E+06	46.68	1.130E+06	46.68
10	1.850E+02	2.120E+06	2.101E+06	0.91	1.089E+06	48.63	1.089E+06	48.63
11	1.900E+02	2.010E+06	2.057E+06	-2.34	1.053E+06	47.61	1.053E+06	47.61
12	2.000E+02	2.030E+06	2.049E+06	-0.95	9.938E+05	51.05	9.938E+05	51.05
13	2.100E+02	2.080E+06	2.117E+06	-1.77	1.078E+06	48.15	1.078E+06	48.15
14	2.200E+02	2.240E+06	2.221E+06	0.84	1.196E+06	46.61	1.196E+06	46.61
15	2.300E+02	2.340E+06	2.369E+06	-1.23	1.351E+06	42.26	1.351E+06	42.26
16	2.400E+02	2.460E+06	2.552E+06	-3.73	1.549E+06	37.02	1.549E+06	37.02
17	2.500E+02	2.570E+06	2.840E+06	-10.52	1.797E+06	30.09	1.797E+06	30.09
18	2.600E+02	2.670E+06	3.401E+06	-27.36	2.101E+06	21.32	2.101E+06	21.32
19	2.660E+02	2.710E+06	3.713E+06	-37.01	2.314E+06	14.63	2.314E+06	14.63
20	3.080E+02	2.690E+06	4.630E+06	-72.12	4.142E+06	-53.98	4.142E+06	-53.98
21	3.100E+02	2.690E+06	4.657E+06	-73.11	4.164E+06	-54.78	4.164E+06	-54.78
22	3.130E+02	2.710E+06	4.684E+06	-72.85	4.196E+06	-54.83	4.196E+06	-54.83
23	3.200E+02	2.690E+06	4.739E+06	-76.19	4.272E+06	-58.79	4.272E+06	-58.79
24	3.400E+02	2.670E+06	4.871E+06	-82.44	4.488E+06	-68.10	4.488E+06	-68.10
25	3.600E+02	2.650E+06	4.876E+06	-84.01	4.706E+06	-77.60	4.706E+06	-77.60
26	3.800E+02	2.650E+06	4.869E+06	-83.74	4.925E+06	-85.86	4.925E+06	-85.86
27	4.000E+02	2.620E+06	4.832E+06	-84.43	5.145E+06	-96.37	5.145E+06	-96.37
28	4.200E+02	2.620E+06	4.764E+06	-81.84	5.016E+06	-91.44	5.016E+06	-91.44
29	4.400E+02	2.600E+06	4.675E+06	-79.82	4.896E+06	-88.29	4.896E+06	-88.29
30	4.430E+02	2.610E+06	4.669E+06	-78.89	4.991E+06	-91.23	4.991E+06	-91.23
31	4.500E+02	2.610E+06	4.654E+06	-78.32	4.960E+06	-90.05	4.960E+06	-90.05
32	4.600E+02	2.600E+06	4.629E+06	-78.02	4.936E+06	-89.86	4.936E+06	-89.86
33	4.700E+02	2.400E+06	4.591E+06	-91.29	4.985E+06	-107.70	4.985E+06	-107.70
34	4.800E+02	2.380E+06	4.555E+06	-91.37	4.912E+06	-106.38	4.912E+06	-106.38
35	4.900E+02	2.380E+06	4.519E+06	-89.88	4.848E+06	-103.71	4.848E+06	-103.71

36 4.950E+02 2.380E+06 4.502E+06 -89.15 4.820E+06 -102.54 4.820E+06 -102.54

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
83	1728	13	69JA1	13	4.73E+01	5.82E+01	5.82E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.460E+02	2.880E+06	3.690E+06	3.690E+06	-28.12	1.464E+06	49.17	1.464E+06	49.17	
2	1.550E+02	2.500E+06	2.904E+06	2.904E+06	-16.15	1.186E+06	52.57	1.186E+06	52.57	
3	1.650E+02	2.390E+06	2.457E+06	2.457E+06	-2.79	9.555E+05	60.02	9.555E+05	60.02	
4	1.770E+02	2.150E+06	2.206E+06	2.206E+06	-2.59	1.158E+06	46.14	1.158E+06	46.14	
5	1.910E+02	2.010E+06	2.049E+06	2.049E+06	-1.96	1.046E+06	47.94	1.046E+06	47.94	
6	2.070E+02	2.080E+06	2.094E+06	2.094E+06	-0.66	1.050E+06	49.53	1.050E+06	49.53	
7	2.250E+02	2.290E+06	2.292E+06	2.292E+06	-0.09	1.268E+06	44.61	1.268E+06	44.61	
8	2.480E+02	2.530E+06	2.778E+06	2.778E+06	-9.81	1.743E+06	31.11	1.743E+06	31.11	
9	2.760E+02	2.710E+06	4.063E+06	4.063E+06	-49.93	2.725E+06	-0.55	2.725E+06	-0.55	
10	3.100E+02	2.670E+06	4.657E+06	4.657E+06	-74.41	4.164E+06	-55.94	4.164E+06	-55.94	
11	3.540E+02	2.640E+06	4.876E+06	4.876E+06	-84.71	4.641E+06	-75.79	4.641E+06	-75.79	
12	4.130E+02	2.600E+06	4.794E+06	4.794E+06	-84.39	5.060E+06	-94.61	5.060E+06	-94.61	
13	4.960E+02	2.570E+06	4.498E+06	4.498E+06	-75.04	4.815E+06	-87.36	4.815E+06	-87.36	

IZ= 84

IZ= 85

IZ= 86

IZ= 87

IZ= 88

IZ= 89

IZ= 90

IZ= 91

IZ= 92

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
92	1758	24	74CU1	24	7.84E+01	6.85E+01	6.85E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.100E+02	7.400E+06	3.415E+07	3.415E+07	-361.48	4.886E+06	33.97	4.886E+06	33.97	
2	1.200E+02	1.170E+07	2.511E+07	2.511E+07	-114.65	5.324E+06	54.49	5.324E+06	54.49	
3	1.250E+02	1.220E+07	1.738E+07	1.738E+07	-42.50	4.687E+06	61.59	4.687E+06	61.59	
4	1.300E+02	1.190E+07	1.482E+07	1.482E+07	-24.57	4.177E+06	64.89	4.177E+06	64.89	



5	1.350E+02	1.110E+07	1.305E+07	-17.54	3.768E+06	66.05	3.768E+06	66.05
6	1.400E+02	1.000E+07	1.124E+07	-12.43	3.436E+06	65.64	3.436E+06	65.64
7	1.500E+02	7.400E+06	8.468E+06	-14.43	2.943E+06	60.22	2.943E+06	60.22
8	1.600E+02	5.400E+06	6.217E+06	-15.12	2.148E+06	60.23	2.148E+06	60.23
9	1.700E+02	4.200E+06	4.848E+06	-15.42	1.611E+06	61.65	1.611E+06	61.65
10	1.800E+02	3.500E+06	3.845E+06	-9.86	1.237E+06	64.65	1.237E+06	64.65
11	1.900E+02	3.100E+06	3.083E+06	0.54	9.700E+05	68.71	9.700E+05	68.71
12	2.000E+02	2.700E+06	2.538E+06	6.02	7.747E+05	71.31	7.747E+05	71.31
13	2.200E+02	2.400E+06	2.389E+06	0.44	9.207E+05	61.64	9.207E+05	61.64
14	2.400E+02	2.200E+06	2.293E+06	-4.24	7.702E+05	64.99	7.702E+05	64.99
15	2.600E+02	2.400E+06	2.358E+06	1.76	8.112E+05	66.20	8.112E+05	66.20
16	2.800E+02	2.600E+06	2.577E+06	0.88	7.437E+05	71.40	7.437E+05	71.40
17	3.000E+02	2.900E+06	2.800E+06	3.44	6.929E+05	76.11	6.929E+05	76.11
18	3.200E+02	3.000E+06	3.036E+06	-1.21	6.610E+05	77.97	6.610E+05	77.97
19	3.400E+02	3.300E+06	3.277E+06	0.69	6.870E+05	79.18	6.870E+05	79.18
20	3.600E+02	3.500E+06	3.440E+06	1.70	6.644E+05	81.02	6.644E+05	81.02
21	3.800E+02	3.600E+06	3.521E+06	2.20	6.453E+05	82.08	6.453E+05	82.08
22	4.000E+02	3.700E+06	3.605E+06	2.56	7.165E+05	80.64	7.165E+05	80.64
23	4.200E+02	3.900E+06	3.727E+06	4.44	8.677E+05	77.75	8.677E+05	77.75
24	4.420E+02	4.200E+06	3.865E+06	7.97	1.126E+06	73.18	1.126E+06	73.18

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
92	1759	210	81DE1	16	3.31E+00	5.23E+00	5.23E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	8.440E+02	3.153E+06	3.338E+06	-5.88	3.438E+06	-9.05	3.438E+06	-9.05		
2	8.540E+02	3.144E+06	3.303E+06	-5.05	3.378E+06	-7.45	3.378E+06	-7.45		
3	8.640E+02	3.103E+06	3.254E+06	-4.88	3.320E+06	-7.00	3.320E+06	-7.00		
4	8.740E+02	3.041E+06	3.197E+06	-5.15	3.264E+06	-7.34	3.264E+06	-7.34		
5	8.840E+02	3.042E+06	3.142E+06	-3.29	3.210E+06	-5.52	3.210E+06	-5.52		
6	8.940E+02	2.937E+06	3.089E+06	-5.16	3.157E+06	-7.50	3.157E+06	-7.50		
7	9.040E+02	2.948E+06	3.036E+06	-2.99	3.103E+06	-5.26	3.103E+06	-5.26		
8	9.150E+02	2.937E+06	2.981E+06	-1.49	3.040E+06	-3.49	3.040E+06	-3.49		
9	9.250E+02	2.875E+06	2.930E+06	-1.93	2.984E+06	-3.79	2.984E+06	-3.79		
10	9.350E+02	2.820E+06	2.880E+06	-2.14	2.930E+06	-3.90	2.930E+06	-3.90		
11	9.450E+02	2.776E+06	2.830E+06	-1.95	2.878E+06	-3.67	2.878E+06	-3.67		
12	9.550E+02	2.743E+06	2.782E+06	-1.43	2.827E+06	-3.08	2.827E+06	-3.08		
13	9.650E+02	2.702E+06	2.734E+06	-1.18	2.778E+06	-2.83	2.778E+06	-2.83		
14	9.750E+02	2.687E+06	2.688E+06	-0.04	2.731E+06	-1.63	2.731E+06	-1.63		
15	9.850E+02	2.644E+06	2.643E+06	0.04	2.685E+06	-1.54	2.685E+06	-1.54		
16	9.950E+02	2.578E+06	2.599E+06	-0.80	2.640E+06	-2.41	2.640E+06	-2.41		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
92	1760	11	73DE1	1	2.82E+00	1.27E+00	1.27E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.000E+03	2.652E+06	2.577E+06	2.82	2.618E+06	1.27	2.618E+06	1.27		

TABLE 2B  
DATA USED IN THE COMPARISON  
FOR THE ENERGY RANGE 1.0-10.0 KEV

IZ= 1

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
1	42	6	66BE1	6	5.98E+01	5.98E+01	5.98E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	2.984E+03	4.350E+00	9.438E-01	78.30	9.444E-01	78.29	9.444E-01	78.29		78.29
2	3.444E+03	3.600E+00	8.316E-01	76.90	8.327E-01	76.87	8.327E-01	76.87		76.87
3	4.510E+03	1.958E+00	7.233E-01	63.06	7.240E-01	63.02	7.240E-01	63.02		63.02
4	5.414E+03	1.433E+00	6.888E-01	51.93	6.891E-01	51.92	6.891E-01	51.92		51.92
5	6.400E+03	1.203E+00	6.702E-01	44.29	6.702E-01	44.29	6.702E-01	44.29		44.29
6	8.047E+03	9.140E-01	6.548E-01	28.36	6.548E-01	28.36	6.548E-01	28.36		28.36

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
1	43	28	34AL1	4	1.88E+01	1.88E+01	1.88E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	4.960E+03	8.700E-01	7.029E-01	19.20	7.033E-01	19.16	7.033E-01	19.16		19.16
2	6.420E+03	8.370E-01	6.699E-01	19.96	6.700E-01	19.96	6.700E-01	19.96		19.96
3	8.060E+03	8.030E-01	6.547E-01	18.47	6.547E-01	18.47	6.547E-01	18.47		18.47
4	8.930E+03	7.870E-01	6.498E-01	17.43	6.498E-01	17.44	6.498E-01	17.44		17.44

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
1	44	1	70MC1	1	1.38E+00	1.40E+00	1.40E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.895E+03	6.690E-01	6.782E-01	-1.38	6.784E-01	-1.40	6.784E-01	-1.40		-1.40

IZ= 2

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
2	78	6	66BE1	6	4.54E+00	4.93E+00	3.90E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	2.984E+03	1.330E+01	1.265E+01	4.86	1.355E+01	-1.85	1.309E+01	1.59		1.59
2	3.444E+03	8.840E+00	8.412E+00	4.85	9.073E+00	-2.63	8.791E+00	.56		.56
3	4.510E+03	4.550E+00	4.369E+00	3.98	4.727E+00	-3.89	4.612E+00	-1.36		-1.36
4	5.414E+03	3.280E+00	3.087E+00	5.88	3.308E+00	-.85	3.245E+00	1.06		1.06
5	6.400E+03	2.290E+00	2.407E+00	-5.13	2.533E+00	-10.62	2.498E+00	-9.08		-9.08
6	8.047E+03	1.890E+00	1.885E+00	.26	1.939E+00	-2.58	1.923E+00	-1.72		-1.72

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
2	79	1	70ME1	1	2.40E+00	3.68E+00	1.99E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.895E+03	2.765E+00	2.699E+00	2.40	2.867E+00	-3.68	2.820E+00	-1.99		-1.99

IZ= 3

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
3	85	9	69DE1	5	8.55E+00	1.51E+00	4.87E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.000E+03	1.899E+01	1.661E+01	12.51	1.866E+01	1.73	1.750E+01	7.84		7.84
2	6.000E+03	1.125E+01	1.024E+01	8.98	1.138E+01	-1.18	1.075E+01	4.46		4.46
3	7.058E+03	7.591E+00	6.985E+00	7.98	7.647E+00	-.74	7.277E+00	4.14		4.14
4	8.000E+03	5.694E+00	5.397E+00	5.22	5.825E+00	-2.30	5.581E+00	1.98		1.98



5 9.962E+03 3.980E+00 3.738E+00 6.08 3.937E+00 1.09 3.819E+00 4.04

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
3	86	7	60GA1	5	1.01E+01	1.66E+01	1.24E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.500E+03	1.310E+01	1.281E+01	2.18	1.433E+01	-9.41	1.349E+01	-2.95		
2	6.300E+03	9.300E+00	9.080E+00	2.36	1.005E+01	-8.09	9.513E+00	-2.29		
3	7.000E+03	7.200E+00	7.114E+00	1.20	7.794E+00	-8.25	7.414E+00	-2.97		
4	8.048E+03	4.600E+00	5.335E+00	-15.98	5.755E+00	-25.10	5.515E+00	-19.90		
5	8.977E+03	3.800E+00	4.390E+00	-15.52	4.676E+00	-23.05	4.510E+00	-18.67		

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
3	87	3	65PR1	1	1.73E+01	2.65E+01	2.12E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	4.550E+00	5.336E+00	-17.29	5.756E+00	-26.51	5.517E+00	-21.25		

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
3	88	2	57OL1	1	2.04E+01	1.42E+01	1.77E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.050E+03	6.700E+00	5.333E+00	20.41	5.752E+00	14.15	5.513E+00	17.72		

IZ= 4

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	104	8	64CO3	5	5.20E+00	7.30E+00	2.78E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.127E+03	5.670E+03	6.236E+03	-9.99	6.334E+03	-11.71	5.988E+03	-5.60		
2	1.312E+03	3.770E+03	3.925E+03	-4.12	4.023E+03	-6.70	3.803E+03	-0.87		
3	1.442E+03	2.827E+03	2.945E+03	-4.17	3.029E+03	-7.14	2.863E+03	-1.28		
4	1.579E+03	2.214E+03	2.230E+03	-.74	2.302E+03	-3.97	2.176E+03	1.71		
5	1.739E+03	1.646E+03	1.658E+03	-.73	1.716E+03	-4.25	1.622E+03	1.44		

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	105	61	69SE1	44	7.21E+00	8.95E+00	3.70E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.006E+03	8.110E+03	8.815E+03	-8.70	8.882E+03	-9.51	8.396E+03	-3.53		
2	1.014E+03	7.920E+03	8.603E+03	-8.62	8.675E+03	-9.53	8.201E+03	-3.54		
3	1.022E+03	7.770E+03	8.403E+03	-8.15	8.474E+03	-9.06	8.011E+03	-3.10		
4	1.031E+03	7.500E+03	8.183E+03	-9.11	8.256E+03	-10.08	7.805E+03	-4.06		
5	1.040E+03	7.290E+03	7.963E+03	-9.23	8.045E+03	-10.36	7.606E+03	-4.33		
6	1.048E+03	7.060E+03	7.784E+03	-10.25	7.864E+03	-11.39	7.434E+03	-5.30		
7	1.057E+03	6.880E+03	7.584E+03	-10.24	7.666E+03	-11.43	7.247E+03	-5.34		
8	1.066E+03	6.610E+03	7.385E+03	-11.73	7.475E+03	-13.09	7.067E+03	-6.91		
9	1.076E+03	6.510E+03	7.183E+03	-10.33	7.270E+03	-11.68	6.873E+03	-5.57		
10	1.085E+03	6.340E+03	7.002E+03	-10.45	7.092E+03	-11.86	6.705E+03	-5.75		
11	1.095E+03	6.180E+03	6.805E+03	-10.12	6.901E+03	-11.67	6.524E+03	-5.56		
12	1.104E+03	5.910E+03	6.642E+03	-12.38	6.735E+03	-13.96	6.367E+03	-7.73		
13	1.114E+03	5.810E+03	6.460E+03	-11.18	6.556E+03	-12.85	6.198E+03	-6.68		
14	1.125E+03	5.720E+03	6.269E+03	-9.61	6.367E+03	-11.32	6.019E+03	-5.23		
15	1.135E+03	5.570E+03	6.104E+03	-9.59	6.202E+03	-11.34	5.863E+03	-5.25		
16	1.145E+03	5.460E+03	5.939E+03	-8.78	6.042E+03	-10.65	5.711E+03	-4.60		
17	1.156E+03	5.300E+03	5.772E+03	-8.90	5.872E+03	-10.79	5.551E+03	-4.73		



18	1.167E+03	5.250E+03	5.607E+03	-6.80	5.708E+03	-8.73	5.396E+03	-2.79
19	1.178E+03	5.090E+03	5.447E+03	-7.01	5.551E+03	-9.05	5.247E+03	-3.09
20	1.190E+03	4.910E+03	5.284E+03	-7.62	5.386E+03	-9.69	5.091E+03	-3.69
21	1.201E+03	4.700E+03	5.135E+03	-9.26	5.240E+03	-11.48	4.953E+03	-5.39
22	1.213E+03	4.670E+03	4.984E+03	-6.72	5.086E+03	-8.92	4.808E+03	-2.96
23	1.225E+03	4.550E+03	4.836E+03	-6.29	4.939E+03	-8.55	4.669E+03	-2.62
24	1.237E+03	4.440E+03	4.693E+03	-5.70	4.797E+03	-8.05	4.535E+03	-2.14
25	1.250E+03	4.290E+03	4.548E+03	-6.02	4.650E+03	-8.39	4.396E+03	-2.46
26	1.262E+03	4.190E+03	4.414E+03	-5.35	4.519E+03	-7.85	4.272E+03	-1.95
27	1.275E+03	4.100E+03	4.282E+03	-4.44	4.382E+03	-6.89	4.143E+03	-1.05
28	1.289E+03	3.970E+03	4.141E+03	-4.30	4.242E+03	-6.84	4.010E+03	-1.00
29	1.302E+03	3.890E+03	4.017E+03	-3.26	4.116E+03	-5.81	3.891E+03	-.03
30	1.316E+03	3.800E+03	3.889E+03	-2.33	3.986E+03	-4.90	3.768E+03	.83
31	1.330E+03	3.670E+03	3.764E+03	-2.56	3.862E+03	-5.23	3.651E+03	.53
32	1.345E+03	3.580E+03	3.639E+03	-1.66	3.734E+03	-4.30	3.530E+03	1.40
33	1.359E+03	3.380E+03	3.524E+03	-4.26	3.620E+03	-7.10	3.422E+03	-1.24
34	1.374E+03	3.280E+03	3.411E+03	-4.00	3.502E+03	-6.78	3.311E+03	-.94
35	1.390E+03	3.190E+03	3.291E+03	-3.16	3.383E+03	-6.04	3.198E+03	-.24
36	1.406E+03	3.050E+03	3.180E+03	-4.27	3.268E+03	-7.16	3.090E+03	-1.30
37	1.422E+03	2.930E+03	3.071E+03	-4.82	3.159E+03	-7.81	2.986E+03	-1.92
38	1.438E+03	2.810E+03	2.970E+03	-5.68	3.054E+03	-8.69	2.887E+03	-2.75
39	1.455E+03	2.800E+03	2.864E+03	-2.30	2.948E+03	-5.28	2.787E+03	.47
40	1.473E+03	2.690E+03	2.760E+03	-2.61	2.841E+03	-5.60	2.685E+03	.17
41	1.490E+03	2.660E+03	2.665E+03	-.17	2.744E+03	-3.15	2.594E+03	2.49
42	1.509E+03	2.530E+03	2.564E+03	-1.34	2.641E+03	-4.38	2.496E+03	1.33
43	1.527E+03	2.450E+03	2.471E+03	-.87	2.548E+03	-3.99	2.408E+03	1.69
44	1.546E+03	2.390E+03	2.380E+03	.42	2.454E+03	-2.68	2.320E+03	2.93

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	106	3	64OG1	2	1.25E+01	1.02E+01	1.51E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	5.086E+03	4.481E+03	11.89	4.584E+03	9.88	4.333E+03	14.80		
2	1.487E+03	3.082E+03	2.681E+03	13.00	2.761E+03	10.43	2.610E+03	15.32		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	107	15	64CO1	15	1.91E+01	1.27E+01	1.72E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	4.893E+03	4.504E+03	7.96	4.606E+03	5.87	4.354E+03	11.02		
2	1.487E+03	2.978E+03	2.681E+03	9.96	2.761E+03	7.30	2.610E+03	12.37		
3	1.740E+03	1.881E+03	1.655E+03	12.01	1.713E+03	8.93	1.619E+03	13.91		
4	2.050E+03	1.170E+03	9.920E+02	15.22	1.036E+03	11.44	9.796E+02	16.27		
5	2.293E+03	8.320E+02	6.964E+02	16.30	7.334E+02	11.86	6.934E+02	16.65		
6	2.423E+03	6.910E+02	5.844E+02	15.43	6.183E+02	10.52	5.847E+02	15.39		
7	2.839E+03	4.290E+02	3.519E+02	17.97	3.780E+02	11.89	3.575E+02	16.66		
8	2.984E+03	3.580E+02	2.999E+02	16.23	3.237E+02	9.59	3.062E+02	14.47		
9	3.287E+03	2.720E+02	2.198E+02	19.21	2.395E+02	11.97	2.266E+02	16.71		
10	3.444E+03	2.410E+02	1.891E+02	21.52	2.070E+02	14.09	1.959E+02	18.71		
11	3.769E+03	1.800E+02	1.417E+02	21.27	1.563E+02	13.14	1.480E+02	17.78		
12	4.091E+03	1.370E+02	1.092E+02	20.26	1.212E+02	11.53	1.148E+02	16.21		
13	4.511E+03	1.040E+02	8.041E+01	22.68	8.962E+01	13.83	8.494E+01	18.33		
14	5.415E+03	6.540E+01	4.597E+01	29.71	5.136E+01	21.48	4.876E+01	25.44		
15	6.404E+03	3.850E+01	2.811E+01	27.00	3.126E+01	18.80	2.976E+01	22.70		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	108	23	38AN1	19	7.24E+01	7.03E+01	7.18E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	5.701E+03	2.681E+03	52.97	2.761E+03	51.58	2.610E+03	54.22		
2	1.740E+03	3.846E+03	1.655E+03	56.96	1.713E+03	55.46	1.619E+03	57.89		
3	2.042E+03	3.038E+03	1.004E+03	66.94	1.049E+03	65.48	9.915E+02	67.36		
4	2.293E+03	2.275E+03	6.964E+02	69.39	7.334E+02	67.76	6.934E+02	69.52		
5	2.395E+03	2.005E+03	6.063E+02	69.76	6.409E+02	68.03	6.061E+02	69.77		
6	2.622E+03	1.481E+03	4.541E+02	69.33	4.840E+02	67.32	4.577E+02	69.09		
7	2.821E+03	1.359E+03	3.593E+02	73.56	3.855E+02	71.63	3.647E+02	73.17		
8	2.984E+03	1.095E+03	2.999E+02	72.61	3.237E+02	70.44	3.062E+02	72.04		
9	3.151E+03	9.880E+02	2.517E+02	74.52	2.732E+02	72.35	2.584E+02	73.84		
10	3.356E+03	8.560E+02	2.055E+02	75.99	2.244E+02	73.78	2.124E+02	75.19		
11	3.691E+03	6.750E+02	1.515E+02	77.55	1.669E+02	75.28	1.579E+02	76.60		
12	4.090E+03	5.190E+02	1.093E+02	78.93	1.213E+02	76.63	1.149E+02	77.87		
13	4.510E+03	3.860E+02	8.047E+01	79.15	8.968E+01	76.77	8.500E+01	77.98		
14	4.952E+03	3.050E+02	6.028E+01	80.24	6.733E+01	77.92	6.388E+01	79.06		
15	5.414E+03	1.510E+02	4.600E+01	69.54	5.138E+01	65.97	4.879E+01	67.69		
16	6.403E+03	9.800E+01	2.812E+01	71.31	3.128E+01	68.09	2.977E+01	69.62		
17	7.072E+03	7.540E+01	2.128E+01	71.77	2.355E+01	68.76	2.247E+01	70.20		
18	7.477E+03	9.040E+01	1.830E+01	79.75	2.018E+01	77.67	1.928E+01	78.67		
19	8.047E+03	7.290E+01	1.510E+01	79.29	1.656E+01	77.29	1.585E+01	78.26		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	109	6	66BE1	6	9.98E+00	4.63E+00	6.56E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.984E+03	3.240E+02	2.999E+02	7.44	3.237E+02	.10	3.062E+02	5.50		
2	3.444E+03	2.130E+02	1.891E+02	11.20	2.070E+02	2.80	1.959E+02	8.02		
3	4.511E+03	8.770E+01	8.041E+01	8.31	8.962E+01	-2.18	8.494E+01	3.15		
4	5.415E+03	5.240E+01	4.597E+01	12.27	5.136E+01	1.99	4.876E+01	6.94		
5	6.404E+03	3.270E+01	2.811E+01	14.05	3.126E+01	4.40	2.976E+01	8.99		
6	8.048E+03	1.510E+01	1.509E+01	.05	1.655E+01	-9.62	1.585E+01	-4.94		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	110	17	69DE1	8	3.60E+00	8.06E+00	3.59E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.520E+03	1.743E+02	1.764E+02	-1.20	1.934E+02	-10.97	1.830E+02	-5.02		
2	5.000E+03	5.938E+01	5.853E+01	1.43	6.538E+01	-10.11	6.203E+01	-4.47		
3	6.000E+03	3.469E+01	3.393E+01	2.20	3.783E+01	-9.04	3.597E+01	-3.68		
4	6.404E+03	2.988E+01	2.811E+01	5.94	3.126E+01	-4.63	2.976E+01	.40		
5	7.058E+03	2.209E+01	2.140E+01	3.13	2.369E+01	-7.22	2.260E+01	-2.29		
6	8.000E+03	1.582E+01	1.533E+01	3.12	1.682E+01	-6.30	1.610E+01	-1.75		
7	8.398E+03	1.442E+01	1.355E+01	6.03	1.481E+01	-2.70	1.419E+01	1.56		
8	9.962E+03	8.893E+00	9.071E+00	-2.00	9.760E+00	-9.75	9.409E+00	-5.80		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	111	2	53HU1	1	1.10E+01	2.18E+01	1.66E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	1.360E+01	1.510E+01	-11.01	1.656E+01	-21.75	1.585E+01	-16.56		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
4	112	3	64KA1	1	1.20E+01	3.51E+00	7.63E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	



1 8.040E+03 1.720E+01 1.513E+01 12.03 1.660E+01 3.51 1.589E+01 7.63

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
4	113	2	76HA2	1	3.48E+01	2.99E+01	3.24E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	1.380E+01	8.994E+00	34.83	9.676E+00	29.88	9.329E+00		32.40

IZ= 5

IZ= 6

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
6	266	11	67HE1	2	5.10E-01	1.48E-01	3.62E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.254E+03	2.325E+04	2.342E+04	-.72	2.329E+04	-.18	2.244E+04		3.48
2	1.487E+03	1.434E+04	1.434E+04	-.02	1.432E+04	.11	1.380E+04		3.76

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
6	269	8	68WE1	2	1.04E+01	1.06E+01	1.39E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.060E+03	4.152E+04	3.764E+04	9.35	3.742E+04	9.86	3.607E+04		13.13
2	1.490E+03	1.607E+04	1.426E+04	11.28	1.424E+04	11.38	1.372E+04		14.62

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
6	274	4	64OG1	2	3.83E+00	4.20E+00	7.32E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.256E+03	2.463E+04	2.331E+04	5.36	2.319E+04	5.86	2.234E+04		9.30
2	1.487E+03	1.446E+04	1.434E+04	.81	1.432E+04	.94	1.380E+04		4.56

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
6	275	13	66BE1	11	8.28E+00	7.88E+00	5.50E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.012E+03	4.040E+04	4.282E+04	-5.98	4.264E+04	-5.54	4.110E+04		-1.73
2	1.254E+03	2.180E+04	2.342E+04	-7.42	2.329E+04	-6.84	2.244E+04		-2.94
3	1.487E+03	1.330E+04	1.434E+04	-7.85	1.432E+04	-7.70	1.380E+04		-3.77
4	1.557E+03	1.140E+04	1.255E+04	-10.13	1.254E+04	-10.04	1.209E+04		-6.03
5	2.293E+03	3.400E+03	4.044E+03	-18.94	4.026E+03	-18.41	3.881E+03		-14.15
6	2.984E+03	1.700E+03	1.847E+03	-8.64	1.831E+03	-7.69	1.765E+03		-3.80
7	3.444E+03	1.210E+03	1.200E+03	.80	1.187E+03	1.87	1.145E+03		5.40
8	4.511E+03	4.990E+02	5.287E+02	-5.96	5.222E+02	-4.65	5.036E+02		-.93
9	5.415E+03	3.030E+02	3.022E+02	.26	2.987E+02	1.41	2.882E+02		4.88
10	6.404E+03	1.750E+02	1.807E+02	-3.26	1.790E+02	-2.26	1.728E+02		1.28
11	8.048E+03	8.630E+01	9.002E+01	-4.31	8.965E+01	-3.88	8.664E+01		-.39

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
6	276	61	69SE1	44	8.89E+00	8.49E+00	4.85E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.006E+03	3.990E+04	4.354E+04	-9.12	4.336E+04	-8.66	4.179E+04		-4.74
2	1.014E+03	3.870E+04	4.257E+04	-10.01	4.240E+04	-9.56	4.087E+04		-5.61
3	1.022E+03	3.790E+04	4.167E+04	-9.96	4.147E+04	-9.43	3.998E+04		-5.48
4	1.031E+03	3.690E+04	4.068E+04	-10.25	4.046E+04	-9.66	3.900E+04		-5.69

5	1.040E+03	3.640E+04	3.969E+04	-9.04	3.949E+04	-8.48	3.806E+04	-4.56
6	1.048E+03	3.510E+04	3.887E+04	-10.73	3.864E+04	-10.10	3.725E+04	-6.11
7	1.057E+03	3.450E+04	3.794E+04	-9.98	3.772E+04	-9.35	3.636E+04	-5.39
8	1.066E+03	3.370E+04	3.702E+04	-9.86	3.684E+04	-9.30	3.550E+04	-5.35
9	1.076E+03	3.330E+04	3.608E+04	-8.35	3.588E+04	-7.75	3.458E+04	-3.84
10	1.085E+03	3.230E+04	3.524E+04	-9.11	3.505E+04	-8.51	3.378E+04	-4.58
11	1.095E+03	3.170E+04	3.433E+04	-8.28	3.415E+04	-7.74	3.292E+04	-3.84
12	1.104E+03	3.090E+04	3.356E+04	-8.60	3.338E+04	-8.01	3.217E+04	-4.09
13	1.114E+03	3.050E+04	3.271E+04	-7.24	3.254E+04	-6.68	3.136E+04	-2.81
14	1.125E+03	2.950E+04	3.182E+04	-7.85	3.165E+04	-7.29	3.050E+04	-3.39
15	1.135E+03	2.850E+04	3.104E+04	-8.91	3.087E+04	-8.32	2.975E+04	-4.38
16	1.145E+03	2.770E+04	3.026E+04	-9.25	3.012E+04	-8.72	2.902E+04	-4.77
17	1.156E+03	2.730E+04	2.947E+04	-7.95	2.931E+04	-7.38	2.825E+04	-3.48
18	1.167E+03	2.670E+04	2.869E+04	-7.46	2.854E+04	-6.90	2.750E+04	-3.01
19	1.178E+03	2.610E+04	2.793E+04	-7.02	2.780E+04	-6.50	2.678E+04	-2.62
20	1.190E+03	2.570E+04	2.716E+04	-5.68	2.701E+04	-5.10	2.603E+04	-1.28
21	1.201E+03	2.490E+04	2.645E+04	-6.22	2.632E+04	-5.70	2.536E+04	-1.85
22	1.213E+03	2.370E+04	2.573E+04	-8.55	2.559E+04	-7.97	2.466E+04	-4.04
23	1.225E+03	2.290E+04	2.502E+04	-9.26	2.489E+04	-8.67	2.398E+04	-4.71
24	1.237E+03	2.250E+04	2.434E+04	-8.16	2.421E+04	-7.60	2.333E+04	-3.67
25	1.250E+03	2.230E+04	2.363E+04	-5.98	2.350E+04	-5.39	2.265E+04	-1.55
26	1.262E+03	2.150E+04	2.299E+04	-6.91	2.288E+04	-6.40	2.204E+04	-2.51
27	1.275E+03	2.090E+04	2.233E+04	-6.86	2.222E+04	-6.32	2.141E+04	-2.43
28	1.289E+03	2.050E+04	2.164E+04	-5.54	2.154E+04	-5.08	2.076E+04	-1.25
29	1.302E+03	1.990E+04	2.102E+04	-5.64	2.094E+04	-5.21	2.017E+04	-1.37
30	1.316E+03	1.910E+04	2.039E+04	-6.74	2.031E+04	-6.34	1.957E+04	-2.45
31	1.330E+03	1.870E+04	1.977E+04	-5.72	1.971E+04	-5.39	1.899E+04	-1.54
32	1.345E+03	1.790E+04	1.915E+04	-6.98	1.909E+04	-6.64	1.839E+04	-2.74
33	1.359E+03	1.760E+04	1.858E+04	-5.54	1.853E+04	-5.31	1.786E+04	-1.46
34	1.374E+03	1.700E+04	1.801E+04	-5.95	1.796E+04	-5.66	1.731E+04	-1.80
35	1.390E+03	1.640E+04	1.741E+04	-6.16	1.738E+04	-5.97	1.674E+04	-2.09
36	1.406E+03	1.600E+04	1.686E+04	-5.35	1.682E+04	-5.12	1.620E+04	-1.28
37	1.422E+03	1.520E+04	1.631E+04	-7.29	1.628E+04	-7.13	1.569E+04	-3.21
38	1.438E+03	1.460E+04	1.580E+04	-8.20	1.577E+04	-8.01	1.519E+04	-4.07
39	1.455E+03	1.400E+04	1.527E+04	-9.06	1.525E+04	-8.91	1.469E+04	-4.93
40	1.473E+03	1.320E+04	1.474E+04	-11.68	1.472E+04	-11.51	1.418E+04	-7.43
41	1.490E+03	1.260E+04	1.426E+04	-13.16	1.424E+04	-13.02	1.372E+04	-8.90
42	1.509E+03	1.200E+04	1.375E+04	-14.57	1.373E+04	-14.43	1.323E+04	-10.25
43	1.527E+03	1.160E+04	1.328E+04	-14.48	1.327E+04	-14.39	1.279E+04	-10.22
44	1.546E+03	1.100E+04	1.282E+04	-16.50	1.280E+04	-16.40	1.234E+04	-12.16

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	277	10	3OW01	10	1.11E+00	8.79E-01	3.44E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	2.305E+04	2.342E+04		-1.59	2.329E+04	-1.05	2.244E+04	2.64	
2	1.487E+03	1.422E+04	1.434E+04		-.87	1.432E+04	-.73	1.380E+04	2.95	
3	1.778E+03	8.436E+03	8.535E+03		-1.18	8.527E+03	-1.07	8.218E+03	2.58	
4	2.293E+03	4.009E+03	4.044E+03		-.87	4.026E+03	-.42	3.881E+03	3.19	
5	2.395E+03	3.478E+03	3.555E+03		-2.21	3.537E+03	-1.69	3.410E+03	1.96	
6	2.838E+03	2.128E+03	2.146E+03		-.83	2.129E+03	-.04	2.052E+03	3.57	
7	2.984E+03	1.841E+03	1.847E+03		-.32	1.831E+03	.56	1.765E+03	4.15	
8	3.151E+03	1.552E+03	1.569E+03		-1.06	1.554E+03	-.10	1.498E+03	3.51	
9	3.444E+03	1.197E+03	1.200E+03		-.28	1.187E+03	.81	1.145E+03	4.37	



10 3.662E+03 9.952E+02 9.972E+02 -.20 9.856E+02 .96 9.503E+02 4.51

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	278	15	69DE1	9	6.39E+00	5.65E+00	2.24E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.520E+03	1.065E+03	1.124E+03	-5.53	1.111E+03	-4.35	1.071E+03	-1.60		
2	4.000E+03	7.128E+02	7.628E+02	-7.02	7.536E+02	-5.72	7.267E+02	-1.95		
3	5.000E+03	3.706E+02	3.859E+02	-4.13	3.813E+02	-2.87	3.678E+02	.77		
4	6.000E+03	2.058E+02	2.206E+02	-7.22	2.183E+02	-6.08	2.107E+02	-2.39		
5	6.404E+03	1.678E+02	1.807E+02	-7.69	1.790E+02	-6.65	1.728E+02	-2.96		
6	7.058E+03	1.264E+02	1.342E+02	-6.16	1.332E+02	-5.35	1.286E+02	-1.74		
7	8.000E+03	8.606E+01	9.166E+01	-6.51	9.127E+01	-6.05	8.820E+01	-2.48		
8	8.398E+03	7.425E+01	7.917E+01	-6.62	7.895E+01	-6.33	7.632E+01	-2.79		
9	9.962E+03	4.497E+01	4.764E+01	-5.93	4.785E+01	-6.40	4.633E+01	-3.03		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	279	9	38AN1	8	6.18E+00	6.07E+00	7.46E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.691E+03	8.735E+02	9.736E+02	-11.46	9.623E+02	-10.17	9.279E+02	-6.22		
2	4.090E+03	6.781E+02	7.129E+02	-5.13	7.042E+02	-3.85	6.791E+02	-.14		
3	4.510E+03	5.205E+02	5.291E+02	-1.65	5.226E+02	-.40	5.040E+02	3.17		
4	4.952E+03	3.989E+02	3.974E+02	.37	3.927E+02	1.56	3.788E+02	5.05		
5	5.414E+03	3.091E+02	3.024E+02	2.17	2.989E+02	3.30	2.884E+02	6.70		
6	6.403E+03	1.871E+02	1.808E+02	3.38	1.790E+02	4.31	1.729E+02	7.62		
7	7.477E+03	1.233E+02	1.126E+02	8.71	1.118E+02	9.29	1.080E+02	12.37		
8	8.047E+03	9.710E+01	9.005E+01	7.26	8.968E+01	7.64	8.667E+01	10.74		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	280	15	74MI1	7	4.16E+00	3.47E+00	6.86E-01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	5.083E+02	5.298E+02	-4.23	5.233E+02	-2.95	5.047E+02	.72		
2	5.411E+03	2.905E+02	3.029E+02	-4.27	2.994E+02	-3.07	2.889E+02	.56		
3	6.400E+03	1.716E+02	1.810E+02	-5.51	1.793E+02	-4.49	1.731E+02	-.87		
4	7.472E+03	1.076E+02	1.128E+02	-4.82	1.121E+02	-4.16	1.083E+02	-.61		
5	8.041E+03	8.660E+01	9.026E+01	-4.22	8.988E+01	-3.79	8.686E+01	-.30		
6	8.631E+03	7.061E+01	7.291E+01	-3.26	7.278E+01	-3.08	7.037E+01	.33		
7	9.876E+03	4.801E+01	4.885E+01	-1.76	4.906E+01	-2.19	4.750E+01	1.06		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	281	48	26AL1	10	1.12E+01	1.14E+01	1.39E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.770E+03	4.290E+02	4.456E+02	-3.88	4.403E+02	-2.64	4.247E+02	1.01		
2	5.530E+03	2.930E+02	2.834E+02	3.29	2.801E+02	4.39	2.703E+02	7.75		
3	6.410E+03	1.830E+02	1.802E+02	1.54	1.784E+02	2.49	1.723E+02	5.86		
4	7.040E+03	1.460E+02	1.352E+02	7.38	1.342E+02	8.09	1.296E+02	11.24		
5	7.490E+03	1.280E+02	1.120E+02	12.53	1.113E+02	13.08	1.075E+02	16.03		
6	8.070E+03	9.800E+01	8.929E+01	8.89	8.892E+01	9.27	8.593E+01	12.31		
7	8.550E+03	8.800E+01	7.499E+01	14.78	7.485E+01	14.95	7.237E+01	17.77		
8	8.660E+03	8.600E+01	7.217E+01	16.08	7.206E+01	16.21	6.968E+01	18.98		
9	8.930E+03	7.600E+01	6.584E+01	13.37	6.581E+01	13.41	6.365E+01	16.25		
10	9.590E+03	6.400E+01	5.327E+01	16.76	5.342E+01	16.54	5.170E+01	19.22		

ILT MSET NMAX REF NTAL RMSDH RMSDS RMSDSR

6	282	7	79PU1	4	2.72E+00	3.30E+00	6.46E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.000E+03	3.880E+02	3.859E+02		.54	3.813E+02	1.74	3.678E+02	5.22	
2	5.900E+03	2.360E+02	2.323E+02		1.56	2.298E+02	2.62	2.218E+02	6.01	
3	6.400E+03	1.830E+02	1.810E+02		1.07	1.793E+02	2.02	1.731E+02	5.41	
4	8.100E+03	9.300E+01	8.828E+01		5.07	8.794E+01	5.45	8.499E+01	8.62	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	283	9	9BA1	6	1.16E+01	1.21E+01	1.49E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.410E+03	3.051E+02	3.031E+02		.66	2.996E+02	1.81	2.890E+02	5.26	
2	6.400E+03	2.014E+02	1.810E+02		10.11	1.793E+02	10.97	1.731E+02	14.05	
3	6.930E+03	1.588E+02	1.419E+02		10.64	1.408E+02	11.36	1.359E+02	14.40	
4	7.480E+03	1.312E+02	1.124E+02		14.31	1.117E+02	14.85	1.079E+02	17.75	
5	8.050E+03	1.041E+02	8.995E+01		13.59	8.958E+01	13.95	8.657E+01	16.84	
6	8.640E+03	8.496E+01	7.268E+01		14.45	7.256E+01	14.60	7.016E+01	17.42	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	284	5	65WE1	2	5.58E+00	5.48E+00	2.61E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.898E+03	2.230E+02	2.326E+02		-4.29	2.301E+02	-3.17	2.220E+02	.43	
2	9.885E+03	4.570E+01	4.873E+01		-6.62	4.893E+01	-7.07	4.737E+01	-3.66	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	285	16	34GR1	3	3.19E+00	2.65E+00	1.97E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.417E+03	1.718E+02	1.796E+02		-4.52	1.779E+02	-3.53	1.717E+02	.06	
2	7.493E+03	1.111E+02	1.118E+02		-.65	1.111E+02	-.02	1.073E+02	3.38	
3	8.656E+03	7.010E+01	7.227E+01		-3.10	7.216E+01	-2.94	6.978E+01	.46	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	286	3	53HU1	2	4.57E+00	3.89E+00	1.47E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.930E+03	1.339E+02	1.419E+02		-5.98	1.408E+02	-5.12	1.359E+02	-1.52	
2	8.047E+03	8.792E+01	9.005E+01		-2.43	8.968E+01	-2.00	8.667E+01	1.42	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	287	2	55CH1	1	8.76E+00	8.31E+00	4.67E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.048E+03	8.277E+01	9.002E+01		-8.76	8.965E+01	-8.31	8.664E+01	-4.67	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	288	1	75CA1	1	1.06E+01	1.02E+01	6.46E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.048E+03	8.138E+01	9.002E+01		-10.62	8.965E+01	-10.16	8.664E+01	-6.46	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	289	2	58ER1	1	1.10E+01	1.13E+01	1.43E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.048E+03	1.011E+02	9.002E+01		10.96	8.965E+01	11.33	8.664E+01	14.31	
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
6	290	1	58BA1	1	4.94E+00	4.51E+00	9.97E-01			



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.048E+03	8.578E+01	9.002E+01	-4.94	8.965E+01	-4.51	8.664E+01	-1.00

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
6	291	23	79BE1	5	9.51E+00	9.36E+00	5.78E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.050E+03	8.219E+01	8.995E+01	-9.45	8.958E+01	-8.99	8.657E+01	-5.33
2	8.390E+03	7.148E+01	7.939E+01	-11.07	7.917E+01	-10.76	7.653E+01	-7.07
3	8.730E+03	6.390E+01	7.046E+01	-10.27	7.036E+01	-10.12	6.804E+01	-6.48
4	8.910E+03	6.103E+01	6.627E+01	-8.59	6.625E+01	-8.55	6.407E+01	-4.99
5	9.690E+03	4.793E+01	5.167E+01	-7.80	5.183E+01	-8.14	5.017E+01	-4.68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
6	292	39	39WR1	3	2.37E+00	2.45E+00	1.13E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.638E+03	7.040E+01	7.273E+01	-3.31	7.261E+01	-3.14	7.021E+01	.28
2	9.251E+03	5.840E+01	5.925E+01	-1.46	5.933E+01	-1.59	5.740E+01	1.71
3	9.885E+03	4.780E+01	4.873E+01	-1.94	4.893E+01	-2.37	4.737E+01	.89

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
6	2089	8	83GE01	6	4.21E+00	3.59E+00	6.42E-01	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.404E+03	1.741E+02	1.807E+02	-3.79	1.790E+02	-2.79	1.728E+02	.76
2	6.903E+03	1.358E+02	1.436E+02	-5.76	1.424E+02	-4.89	1.375E+02	-1.29
3	7.058E+03	1.292E+02	1.342E+02	-3.86	1.332E+02	-3.07	1.286E+02	.47
4	7.649E+03	1.009E+02	1.050E+02	-4.10	1.044E+02	-3.50	1.009E+02	.00
5	8.048E+03	8.656E+01	9.002E+01	-4.00	8.965E+01	-3.57	8.664E+01	-.09
6	8.905E+03	6.422E+01	6.638E+01	-3.37	6.636E+01	-3.33	6.418E+01	.06

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
6	2098	7	81RA01	2	2.40E+00	3.41E+00	6.74E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.470E+03	3.020E+02	2.930E+02	2.97	2.896E+02	4.09	2.795E+02	7.46
2	6.470E+03	1.780E+02	1.751E+02	1.62	1.735E+02	2.55	1.675E+02	5.92

IZ= 7

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
7	367	11	67HE1	2	1.04E+00	1.16E+00	4.14E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.254E+03	4.190E+04	4.160E+04	.72	4.141E+04	1.16	4.016E+04	4.15
2	1.487E+03	2.610E+04	2.577E+04	1.28	2.580E+04	1.15	2.502E+04	4.13

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
7	372	13	66BE1	11	3.27E+00	2.79E+00	5.16E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.012E+03	7.960E+04	7.453E+04	6.37	7.455E+04	6.35	7.228E+04	9.20
2	1.254E+03	4.240E+04	4.160E+04	1.89	4.141E+04	2.33	4.016E+04	5.28
3	1.487E+03	2.670E+04	2.577E+04	3.50	2.580E+04	3.37	2.502E+04	6.29
4	1.557E+03	2.250E+04	2.262E+04	-.52	2.267E+04	-.76	2.199E+04	2.28
5	2.293E+03	7.440E+03	7.423E+03	.23	7.464E+03	-.32	7.235E+03	2.76
6	2.984E+03	3.460E+03	3.415E+03	1.31	3.441E+03	.55	3.336E+03	3.57

7	3.444E+03	2.320E+03	2.226E+03	4.06	2.246E+03	3.19	2.178E+03	6.11
8	4.511E+03	1.030E+03	9.850E+02	4.37	9.983E+02	3.08	9.685E+02	5.97
9	5.415E+03	5.850E+02	5.648E+02	3.45	5.743E+02	1.83	5.573E+02	4.74
10	6.404E+03	3.500E+02	3.384E+02	3.32	3.451E+02	1.41	3.350E+02	4.29
11	8.048E+03	1.700E+02	1.685E+02	.89	1.727E+02	-1.56	1.678E+02	1.32

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	373	10	30W01	10	2.18E+00	2.69E+00	1.72E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	4.127E+04	4.160E+04	-.80	4.141E+04	-.35	4.016E+04	2.68	
2	1.487E+03	2.579E+04	2.577E+04	.09	2.580E+04	-.04	2.502E+04	2.98	
3	1.778E+03	1.500E+04	1.550E+04	-3.32	1.556E+04	-3.70	1.508E+04	-.55	
4	2.293E+03	7.256E+03	7.423E+03	-2.30	7.464E+03	-2.86	7.235E+03	.29	
5	2.395E+03	6.349E+03	6.534E+03	-2.92	6.574E+03	-3.54	6.372E+03	-.36	
6	2.838E+03	3.861E+03	3.962E+03	-2.63	3.992E+03	-3.39	3.870E+03	-.24	
7	2.984E+03	3.356E+03	3.415E+03	-1.75	3.441E+03	-2.54	3.336E+03	.58	
8	3.151E+03	2.807E+03	2.903E+03	-3.44	2.927E+03	-4.29	2.839E+03	-1.13	
9	3.444E+03	2.240E+03	2.226E+03	.63	2.246E+03	-.26	2.178E+03	2.76	
10	3.662E+03	1.849E+03	1.851E+03	-.13	1.869E+03	-1.09	1.813E+03	1.95	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	374	15	74M11	7	7.14E-01	1.94E+00	1.23E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	9.788E+02	9.870E+02	-.84	1.000E+03	-2.20	9.704E+02	.86	
2	5.411E+03	5.699E+02	5.661E+02	.67	5.756E+02	-1.00	5.585E+02	2.00	
3	6.400E+03	3.395E+02	3.390E+02	.14	3.457E+02	-1.84	3.356E+02	1.14	
4	7.472E+03	2.116E+02	2.113E+02	.15	2.161E+02	-2.13	2.099E+02	.80	
5	8.041E+03	1.712E+02	1.689E+02	1.33	1.731E+02	-1.12	1.682E+02	1.76	
6	8.631E+03	1.372E+02	1.363E+02	.69	1.399E+02	-1.97	1.359E+02	.92	
7	9.876E+03	9.114E+01	9.079E+01	.39	9.361E+01	-2.72	9.101E+01	.15	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	375	5	65WE1	2	4.36E+00	5.35E+00	3.50E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.898E+03	4.120E+02	4.352E+02	-5.62	4.431E+02	-7.55	4.300E+02	-4.37	
2	9.885E+03	9.290E+01	9.054E+01	2.54	9.336E+01	-.50	9.076E+01	2.30	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
7	376	1	32CR1	1	3.16E+00	7.57E-01	3.58E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	1.745E+02	1.690E+02	3.16	1.732E+02	.76	1.683E+02	3.58	

I2= 8

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	398	11	67HE1	2	3.41E-01	1.07E+00	3.66E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	6.750E+04	6.729E+04	.32	6.678E+04	1.06	6.504E+04	3.65	
2	1.487E+03	4.260E+04	4.245E+04	.36	4.214E+04	1.08	4.103E+04	3.68	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	403	4	64OG1	2	2.91E+00	2.22E+00	1.22E+00		



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.256E+03	6.588E+04	6.699E+04	-1.69	6.650E+04	-.94	6.476E+04	1.70
2	1.487E+03	4.091E+04	4.245E+04	-3.75	4.214E+04	-3.00	4.103E+04	-.30

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	404	161	76B01	64	9.04E+00	8.32E+00	5.80E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.008E+03	1.100E+05	1.202E+05	-9.25	1.194E+05	-8.54	1.163E+05	-5.69	
2	1.016E+03	1.070E+05	1.176E+05	-9.92	1.169E+05	-9.27	1.138E+05	-6.40	
3	1.024E+03	1.050E+05	1.153E+05	-9.81	1.145E+05	-9.06	1.115E+05	-6.19	
4	1.033E+03	1.030E+05	1.127E+05	-9.41	1.119E+05	-8.62	1.089E+05	-5.77	
5	1.042E+03	1.010E+05	1.101E+05	-9.01	1.093E+05	-8.25	1.065E+05	-5.42	
6	1.050E+03	9.910E+04	1.079E+05	-8.93	1.071E+05	-8.11	1.043E+05	-5.28	
7	1.059E+03	9.750E+04	1.055E+05	-8.23	1.047E+05	-7.43	1.020E+05	-4.61	
8	1.069E+03	9.480E+04	1.029E+05	-8.51	1.022E+05	-7.77	9.948E+04	-4.94	
9	1.078E+03	9.300E+04	1.006E+05	-8.22	9.991E+04	-7.43	9.730E+04	-4.62	
10	1.087E+03	9.090E+04	9.843E+04	-8.28	9.773E+04	-7.52	9.517E+04	-4.70	
11	1.097E+03	8.930E+04	9.604E+04	-7.55	9.539E+04	-6.81	9.289E+04	-4.02	
12	1.107E+03	8.770E+04	9.378E+04	-6.94	9.311E+04	-6.17	9.067E+04	-3.39	
13	1.108E+03	7.440E+04	9.356E+04	-25.75	9.289E+04	-24.85	9.046E+04	-21.58	
14	1.117E+03	8.550E+04	9.152E+04	-7.04	9.092E+04	-6.33	8.853E+04	-3.55	
15	1.127E+03	8.370E+04	8.941E+04	-6.83	8.879E+04	-6.08	8.646E+04	-3.30	
16	1.137E+03	8.180E+04	8.734E+04	-6.78	8.673E+04	-6.02	8.445E+04	-3.25	
17	1.148E+03	8.020E+04	8.508E+04	-6.09	8.453E+04	-5.40	8.232E+04	-2.64	
18	1.158E+03	7.840E+04	8.319E+04	-6.11	8.260E+04	-5.36	8.044E+04	-2.60	
19	1.169E+03	7.620E+04	8.111E+04	-6.44	8.055E+04	-5.71	7.844E+04	-2.94	
20	1.192E+03	7.170E+04	7.703E+04	-7.43	7.647E+04	-6.66	7.447E+04	-3.87	
21	1.203E+03	7.010E+04	7.512E+04	-7.17	7.462E+04	-6.45	7.267E+04	-3.66	
22	1.215E+03	6.800E+04	7.321E+04	-7.66	7.267E+04	-6.87	7.077E+04	-4.07	
23	1.227E+03	6.640E+04	7.130E+04	-7.38	7.079E+04	-6.61	6.893E+04	-3.82	
24	1.240E+03	6.510E+04	6.933E+04	-6.50	6.882E+04	-5.71	6.702E+04	-2.95	
25	1.252E+03	6.240E+04	6.758E+04	-8.30	6.707E+04	-7.48	6.531E+04	-4.67	
26	1.265E+03	6.110E+04	6.570E+04	-7.53	6.524E+04	-6.77	6.353E+04	-3.98	
27	1.278E+03	5.920E+04	6.395E+04	-8.02	6.348E+04	-7.22	6.181E+04	-4.42	
28	1.291E+03	5.790E+04	6.219E+04	-7.41	6.177E+04	-6.69	6.016E+04	-3.90	
29	1.305E+03	5.630E+04	6.043E+04	-7.33	6.001E+04	-6.59	5.844E+04	-3.80	
30	1.319E+03	5.450E+04	5.870E+04	-7.71	5.831E+04	-7.00	5.679E+04	-4.20	
31	1.333E+03	5.310E+04	5.705E+04	-7.44	5.668E+04	-6.74	5.520E+04	-3.95	
32	1.347E+03	5.180E+04	5.547E+04	-7.08	5.511E+04	-6.38	5.366E+04	-3.60	
33	1.362E+03	5.050E+04	5.382E+04	-6.56	5.348E+04	-5.91	5.208E+04	-3.13	
34	1.377E+03	4.910E+04	5.227E+04	-6.45	5.192E+04	-5.75	5.056E+04	-2.98	
35	1.393E+03	4.730E+04	5.063E+04	-7.03	5.033E+04	-6.40	4.901E+04	-3.61	
36	1.409E+03	4.520E+04	4.912E+04	-8.67	4.879E+04	-7.95	4.751E+04	-5.12	
37	1.425E+03	4.330E+04	4.761E+04	-9.96	4.732E+04	-9.28	4.608E+04	-6.42	
38	1.441E+03	4.200E+04	4.623E+04	-10.06	4.591E+04	-9.30	4.470E+04	-6.44	
39	1.458E+03	3.990E+04	4.476E+04	-12.18	4.446E+04	-11.44	4.330E+04	-8.52	
40	1.476E+03	3.850E+04	4.332E+04	-12.51	4.300E+04	-11.69	4.187E+04	-8.76	
41	1.493E+03	3.750E+04	4.197E+04	-11.92	4.168E+04	-11.14	4.058E+04	-8.22	
42	1.512E+03	3.590E+04	4.056E+04	-12.97	4.026E+04	-12.14	3.920E+04	-9.20	
43	1.530E+03	3.510E+04	3.923E+04	-11.77	3.897E+04	-11.04	3.795E+04	-8.12	
44	1.549E+03	3.400E+04	3.794E+04	-11.58	3.768E+04	-10.81	3.669E+04	-7.90	
45	1.569E+03	3.270E+04	3.659E+04	-11.91	3.637E+04	-11.22	3.541E+04	-8.30	
46	1.589E+03	3.190E+04	3.536E+04	-10.85	3.512E+04	-10.10	3.420E+04	-7.20	

47	1.610E+03	3.050E+04	3.408E+04	-11.74	3.387E+04	-11.06	3.298E+04	-8.13
48	1.631E+03	2.980E+04	3.291E+04	-10.42	3.268E+04	-9.66	3.182E+04	-6.77
49	1.653E+03	2.870E+04	3.170E+04	-10.45	3.149E+04	-9.72	3.066E+04	-6.82
50	1.675E+03	2.710E+04	3.057E+04	-12.82	3.035E+04	-12.01	2.955E+04	-9.05
51	1.698E+03	2.660E+04	2.944E+04	-10.68	2.923E+04	-9.87	2.845E+04	-6.97
52	1.722E+03	2.600E+04	2.832E+04	-8.93	2.811E+04	-8.10	2.736E+04	-5.24
53	1.746E+03	2.500E+04	2.726E+04	-9.04	2.704E+04	-8.17	2.633E+04	-5.31
54	1.771E+03	2.420E+04	2.619E+04	-8.20	2.599E+04	-7.40	2.530E+04	-4.55
55	1.796E+03	2.390E+04	2.520E+04	-5.43	2.499E+04	-4.56	2.433E+04	-1.79
56	1.823E+03	2.260E+04	2.416E+04	-6.91	2.397E+04	-6.05	2.333E+04	-3.24
57	1.850E+03	2.180E+04	2.319E+04	-6.38	2.300E+04	-5.50	2.239E+04	-2.70
58	1.878E+03	2.130E+04	2.224E+04	-4.42	2.205E+04	-3.52	2.146E+04	-.77
59	1.907E+03	2.100E+04	2.130E+04	-1.42	2.112E+04	-.56	2.056E+04	2.10
60	1.937E+03	1.990E+04	2.040E+04	-2.51	2.021E+04	-1.56	1.967E+04	1.14
61	1.968E+03	1.890E+04	1.952E+04	-3.26	1.932E+04	-2.25	1.881E+04	.47
62	1.999E+03	1.860E+04	1.867E+04	-.38	1.849E+04	.59	1.800E+04	3.23
63	2.032E+03	1.670E+04	1.784E+04	-6.85	1.765E+04	-5.71	1.719E+04	-2.91
64	2.066E+03	1.590E+04	1.703E+04	-7.12	1.684E+04	-5.93	1.640E+04	-3.12

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	405	12	66BE1	11	6.06E+00	6.31E+00	7.25E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	1.150E+05	1.189E+05	-3.39	1.181E+05	-2.73	1.150E+05	-.04		
2	1.254E+03	6.670E+04	6.729E+04	-.88	6.678E+04	-.12	6.504E+04	2.49		
3	1.487E+03	4.280E+04	4.245E+04	.83	4.214E+04	1.55	4.103E+04	4.13		
4	1.557E+03	3.660E+04	3.740E+04	-2.19	3.715E+04	-1.49	3.617E+04	1.18		
5	2.293E+03	1.110E+04	1.269E+04	-14.36	1.252E+04	-12.81	1.219E+04	-9.83		
6	2.984E+03	5.840E+03	5.980E+03	-2.39	5.858E+03	-.30	5.706E+03	2.29		
7	3.444E+03	4.140E+03	3.941E+03	4.81	3.850E+03	7.00	3.751E+03	9.40		
8	4.511E+03	1.840E+03	1.765E+03	4.08	1.731E+03	5.92	1.686E+03	8.36		
9	5.415E+03	1.090E+03	1.017E+03	6.68	1.002E+03	8.08	9.761E+02	10.45		
10	6.404E+03	6.720E+02	6.115E+02	9.01	6.046E+02	10.03	5.893E+02	12.30		
11	8.048E+03	3.140E+02	3.049E+02	2.89	3.035E+02	3.35	2.959E+02	5.76		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	406	11	30W01	11	2.97E+00	1.79E+00	2.73E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	6.748E+04	6.729E+04	.29	6.678E+04	1.03	6.504E+04	3.62		
2	1.487E+03	4.211E+04	4.245E+04	-.80	4.214E+04	-.07	4.103E+04	2.56		
3	1.778E+03	2.593E+04	2.591E+04	.09	2.570E+04	.87	2.502E+04	3.49		
4	2.293E+03	1.264E+04	1.269E+04	-.43	1.252E+04	.94	1.219E+04	3.55		
5	2.395E+03	1.097E+04	1.122E+04	-2.27	1.106E+04	-.78	1.077E+04	1.87		
6	2.838E+03	6.854E+03	6.909E+03	-.80	6.777E+03	1.12	6.602E+03	3.68		
7	2.984E+03	5.898E+03	5.980E+03	-1.38	5.858E+03	.69	5.706E+03	3.25		
8	3.151E+03	5.016E+03	5.107E+03	-1.81	4.997E+03	.38	4.868E+03	2.95		
9	3.444E+03	3.746E+03	3.941E+03	-5.20	3.850E+03	-2.78	3.751E+03	-.13		
10	3.662E+03	3.103E+03	3.290E+03	-6.04	3.213E+03	-3.55	3.130E+03	-.88		
11	5.414E+03	9.723E+02	1.018E+03	-4.68	1.002E+03	-3.10	9.767E+02	-.45		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
8	407	4	31SP1	4	4.28E+00	3.33E+00	3.17E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.775E+03	2.579E+04	2.602E+04	-.91	2.583E+04	-.14	2.514E+04	2.51		



2	2.980E+03	5.871E+03	6.003E+03	-2.25	5.880E+03	-.16	5.728E+03	2.43
3	5.410E+03	9.431E+02	1.020E+03	-8.17	1.005E+03	-6.53	9.789E+02	-3.79
4	8.040E+03	3.082E+02	3.058E+02	.77	3.044E+02	1.24	2.968E+02	3.70

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	408	15	74MI1	7	2.48E+00	1.57E+00	1.20E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.508E+03	1.705E+03	1.769E+03	-3.73	1.734E+03	-1.73	1.689E+03	.91	
2	5.411E+03	1.001E+03	1.020E+03	-1.85	1.004E+03	-.32	9.783E+02	2.27	
3	6.400E+03	5.944E+02	6.126E+02	-3.07	6.057E+02	-1.90	5.904E+02	.67	
4	7.472E+03	3.724E+02	3.823E+02	-2.67	3.796E+02	-1.94	3.702E+02	.60	
5	8.041E+03	2.991E+02	3.057E+02	-2.21	3.043E+02	-1.73	2.967E+02	.81	
6	8.631E+03	2.421E+02	2.465E+02	-1.80	2.459E+02	-1.55	2.397E+02	.97	
7	9.876E+03	1.622E+02	1.637E+02	-.93	1.642E+02	-1.20	1.601E+02	1.29	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	409	5	65WE1	2	8.45E+00	7.88E+00	5.19E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.898E+03	7.220E+02	7.852E+02	-8.75	7.748E+02	-7.31	7.551E+02	-4.58	
2	9.885E+03	1.510E+02	1.633E+02	-8.13	1.637E+02	-8.42	1.597E+02	-5.74	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	410	4	37CA1	4	8.69E+00	8.47E+00	8.90E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.403E+03	5.791E+02	6.118E+02	-5.64	6.049E+02	-4.45	5.896E+02	-1.81	
2	7.477E+03	3.640E+02	3.816E+02	-4.83	3.789E+02	-4.08	3.694E+02	-1.49	
3	8.047E+03	2.949E+02	3.050E+02	-3.44	3.036E+02	-2.95	2.960E+02	-.38	
4	8.638E+03	2.904E+02	2.458E+02	15.34	2.453E+02	15.54	2.392E+02	17.65	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
8	411	2	32CR1	2	3.31E+00	2.48E+00	1.61E-01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.407E+03	5.898E+02	6.106E+02	-3.52	6.037E+02	-2.36	5.885E+02	.22	
2	8.056E+03	2.949E+02	3.040E+02	-3.09	3.026E+02	-2.60	2.950E+02	-.04	

IZ= 9

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
9	426	11	67HE1	2	8.85E-01	4.98E-01	2.15E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.254E+03	9.910E+04	1.003E+05	-1.25	9.977E+04	-.68	9.741E+04	1.70	
2	1.487E+03	6.400E+04	6.396E+04	.07	6.388E+04	.19	6.238E+04	2.53	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
9	428	2	64OG1	2	6.69E-01	4.09E-01	2.47E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.256E+03	9.905E+04	9.992E+04	-.87	9.936E+04	-.31	9.701E+04	2.06	
2	1.487E+03	6.419E+04	6.396E+04	.36	6.388E+04	.49	6.238E+04	2.81	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
9	429	15	73MI1	7	6.13E-01	1.06E+00	1.52E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR

1	4.508E+03	2.806E+03	2.797E+03	.31	2.789E+03	.59	2.728E+03	2.78
2	5.411E+03	1.616E+03	1.627E+03	-.66	1.626E+03	-.61	1.590E+03	1.62
3	6.400E+03	9.767E+02	9.843E+02	-.78	9.861E+02	-.96	9.638E+02	1.32
4	7.472E+03	6.128E+02	6.176E+02	-.79	6.201E+02	-1.19	6.064E+02	1.04
5	8.041E+03	4.915E+02	4.949E+02	-.70	4.975E+02	-1.23	4.867E+02	.97
6	8.631E+03	3.990E+02	3.997E+02	-.17	4.023E+02	-.83	3.937E+02	1.34
7	9.876E+03	2.645E+02	2.661E+02	-.60	2.687E+02	-1.60	2.630E+02	.57

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
9	430	6	77CR1	1	8.02E+00	8.59E+00	6.22E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.048E+03	4.570E+02	4.936E+02	-8.02	4.962E+02	-8.59	4.854E+02	-6.22	

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
9	431	40	39WR1	3	1.03E+00	1.05E+00	1.83E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.638E+03	3.972E+02	3.987E+02	-.38	4.013E+02	-1.04	3.927E+02	1.13	
2	9.251E+03	3.226E+02	3.241E+02	-.46	3.268E+02	-1.30	3.198E+02	.87	
3	9.885E+03	2.699E+02	2.654E+02	1.68	2.680E+02	.71	2.623E+02	2.82	

IZ= 10

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	444	11	67HE1	2	6.60E-01	2.04E+00	4.16E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.254E+03	1.444E+05	1.438E+05	.43	1.411E+05	2.30	1.380E+05	4.44	
2	1.487E+03	9.300E+04	9.223E+04	.83	9.138E+04	1.75	8.941E+04	3.86	

ILLT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	447	201	69WU1	174	3.23E+00	3.89E+00	4.21E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.006E+03	2.620E+05	2.536E+05	3.19	2.446E+05	6.64	2.391E+05	8.75	
2	1.014E+03	2.570E+05	2.486E+05	3.27	2.398E+05	6.68	2.344E+05	8.78	
3	1.022E+03	2.510E+05	2.437E+05	2.90	2.352E+05	6.30	2.299E+05	8.41	
4	1.031E+03	2.450E+05	2.383E+05	2.74	2.301E+05	6.08	2.249E+05	8.19	
5	1.040E+03	2.400E+05	2.329E+05	2.98	2.252E+05	6.17	2.201E+05	8.27	
6	1.048E+03	2.350E+05	2.284E+05	2.81	2.209E+05	5.98	2.160E+05	8.09	
7	1.057E+03	2.290E+05	2.234E+05	2.43	2.163E+05	5.55	2.114E+05	7.66	
8	1.066E+03	2.240E+05	2.185E+05	2.46	2.118E+05	5.46	2.070E+05	7.57	
9	1.076E+03	2.200E+05	2.134E+05	3.00	2.069E+05	5.95	2.023E+05	8.05	
10	1.085E+03	2.140E+05	2.089E+05	2.40	2.027E+05	5.30	1.981E+05	7.41	
11	1.095E+03	2.090E+05	2.039E+05	2.44	1.981E+05	5.22	1.937E+05	7.33	
12	1.104E+03	2.050E+05	1.997E+05	2.57	1.941E+05	5.32	1.898E+05	7.43	
13	1.114E+03	2.000E+05	1.951E+05	2.45	1.898E+05	5.11	1.856E+05	7.22	
14	1.125E+03	1.950E+05	1.902E+05	2.45	1.852E+05	5.04	1.811E+05	7.15	
15	1.135E+03	1.900E+05	1.860E+05	2.12	1.811E+05	4.67	1.771E+05	6.78	
16	1.145E+03	1.860E+05	1.817E+05	2.30	1.772E+05	4.73	1.733E+05	6.84	
17	1.156E+03	1.810E+05	1.774E+05	2.00	1.730E+05	4.41	1.692E+05	6.52	
18	1.167E+03	1.770E+05	1.731E+05	2.21	1.690E+05	4.53	1.652E+05	6.64	
19	1.178E+03	1.730E+05	1.689E+05	2.37	1.651E+05	4.59	1.614E+05	6.70	
20	1.190E+03	1.680E+05	1.646E+05	2.01	1.609E+05	4.21	1.574E+05	6.33	
21	1.201E+03	1.640E+05	1.607E+05	2.02	1.573E+05	4.12	1.538E+05	6.23	



22	1.213E+03	1.600E+05	1.567E+05	2.08	1.534E+05	4.14	1.500E+05	6.25
23	1.225E+03	1.550E+05	1.527E+05	1.46	1.496E+05	3.46	1.463E+05	5.58
24	1.237E+03	1.510E+05	1.489E+05	1.38	1.460E+05	3.30	1.428E+05	5.42
25	1.250E+03	1.470E+05	1.450E+05	1.37	1.422E+05	3.25	1.391E+05	5.37
26	1.262E+03	1.440E+05	1.414E+05	1.82	1.388E+05	3.58	1.358E+05	5.69
27	1.275E+03	1.400E+05	1.377E+05	1.62	1.353E+05	3.36	1.323E+05	5.47
28	1.289E+03	1.370E+05	1.338E+05	2.31	1.316E+05	3.93	1.287E+05	6.03
29	1.302E+03	1.330E+05	1.304E+05	1.96	1.283E+05	3.52	1.255E+05	5.62
30	1.316E+03	1.300E+05	1.268E+05	2.44	1.249E+05	3.93	1.222E+05	6.02
31	1.330E+03	1.260E+05	1.233E+05	2.11	1.216E+05	3.50	1.189E+05	5.60
32	1.345E+03	1.230E+05	1.198E+05	2.58	1.182E+05	3.93	1.156E+05	6.01
33	1.359E+03	1.190E+05	1.166E+05	2.04	1.151E+05	3.28	1.126E+05	5.38
34	1.374E+03	1.150E+05	1.134E+05	1.43	1.119E+05	2.67	1.095E+05	4.78
35	1.390E+03	1.110E+05	1.099E+05	.96	1.087E+05	2.10	1.063E+05	4.22
36	1.406E+03	1.090E+05	1.068E+05	2.06	1.055E+05	3.18	1.033E+05	5.27
37	1.423E+03	1.060E+05	1.034E+05	2.43	1.023E+05	3.46	1.001E+05	5.54
38	1.438E+03	1.030E+05	1.007E+05	2.26	9.962E+04	3.28	9.747E+04	5.37
39	1.455E+03	9.950E+04	9.761E+04	1.90	9.665E+04	2.86	9.457E+04	4.96
40	1.473E+03	9.520E+04	9.455E+04	.68	9.364E+04	1.64	9.162E+04	3.76
41	1.490E+03	9.370E+04	9.173E+04	2.10	9.090E+04	2.99	8.895E+04	5.07
42	1.509E+03	9.100E+04	8.872E+04	2.50	8.797E+04	3.33	8.608E+04	5.41
43	1.527E+03	8.780E+04	8.594E+04	2.12	8.530E+04	2.85	8.347E+04	4.93
44	1.546E+03	8.480E+04	8.318E+04	1.92	8.260E+04	2.59	8.083E+04	4.68
45	1.556E+03	8.230E+04	8.176E+04	.66	8.122E+04	1.31	7.948E+04	3.42
46	1.566E+03	8.020E+04	8.035E+04	-.18	7.988E+04	.40	7.817E+04	2.54
47	1.576E+03	7.650E+04	7.900E+04	-3.27	7.856E+04	-2.69	7.688E+04	-.49
48	1.586E+03	7.610E+04	7.771E+04	-2.11	7.727E+04	-1.54	7.562E+04	.63
49	1.596E+03	7.550E+04	7.641E+04	-1.21	7.601E+04	-.68	7.438E+04	1.48
50	1.607E+03	7.400E+04	7.499E+04	-1.34	7.465E+04	-.88	7.306E+04	1.27
51	1.617E+03	7.270E+04	7.378E+04	-1.49	7.345E+04	-1.03	7.188E+04	1.13
52	1.628E+03	7.130E+04	7.248E+04	-1.66	7.215E+04	-1.19	7.061E+04	.97
53	1.638E+03	7.000E+04	7.130E+04	-1.85	7.100E+04	-1.43	6.948E+04	.74
54	1.649E+03	6.870E+04	7.000E+04	-1.90	6.976E+04	-1.54	6.827E+04	.63
55	1.660E+03	6.670E+04	6.881E+04	-3.17	6.855E+04	-2.77	6.708E+04	-.58
56	1.672E+03	6.590E+04	6.751E+04	-2.44	6.726E+04	-2.06	6.582E+04	.12
57	1.683E+03	6.500E+04	6.632E+04	-2.03	6.610E+04	-1.69	6.469E+04	.48
58	1.695E+03	6.390E+04	6.508E+04	-1.85	6.487E+04	-1.52	6.349E+04	.65
59	1.706E+03	6.270E+04	6.399E+04	-2.05	6.377E+04	-1.70	6.241E+04	.46
60	1.718E+03	6.180E+04	6.280E+04	-1.61	6.259E+04	-1.28	6.126E+04	.87
61	1.730E+03	6.090E+04	6.161E+04	-1.16	6.145E+04	-.90	6.014E+04	1.25
62	1.742E+03	5.970E+04	6.050E+04	-1.34	6.033E+04	-1.06	5.905E+04	1.09
63	1.755E+03	5.820E+04	5.931E+04	-1.90	5.915E+04	-1.63	5.789E+04	.53
64	1.767E+03	5.740E+04	5.820E+04	-1.40	5.809E+04	-1.19	5.685E+04	.96
65	1.780E+03	5.600E+04	5.707E+04	-1.90	5.696E+04	-1.72	5.575E+04	.44
66	1.793E+03	5.510E+04	5.597E+04	-1.57	5.587E+04	-1.39	5.468E+04	.76
67	1.806E+03	5.420E+04	5.487E+04	-1.23	5.480E+04	-1.11	5.364E+04	1.04
68	1.819E+03	5.330E+04	5.380E+04	-.94	5.376E+04	-.86	5.262E+04	1.28
69	1.833E+03	5.240E+04	5.272E+04	-.61	5.267E+04	-.51	5.155E+04	1.62
70	1.846E+03	5.120E+04	5.171E+04	-1.00	5.168E+04	-.94	5.058E+04	1.20
71	1.860E+03	5.020E+04	5.063E+04	-.86	5.064E+04	-.88	4.957E+04	1.26
72	1.874E+03	4.930E+04	4.964E+04	-.70	4.963E+04	-.68	4.858E+04	1.46
73	1.889E+03	4.810E+04	4.858E+04	-1.01	4.858E+04	-1.00	4.755E+04	1.14
74	1.903E+03	4.670E+04	4.760E+04	-1.92	4.763E+04	-1.98	4.662E+04	.18

75	1.918E+03	4.560E+04	4.662E+04	-2.23	4.663E+04	-2.26	4.564E+04	-.10
76	1.933E+03	4.480E+04	4.565E+04	-1.89	4.566E+04	-1.92	4.470E+04	.23
77	1.948E+03	4.400E+04	4.468E+04	-1.54	4.472E+04	-1.64	4.377E+04	.51
78	1.964E+03	4.310E+04	4.371E+04	-1.42	4.374E+04	-1.49	4.282E+04	.65
79	1.979E+03	4.220E+04	4.283E+04	-1.49	4.285E+04	-1.55	4.195E+04	.60
80	1.995E+03	4.140E+04	4.189E+04	-1.17	4.193E+04	-1.28	4.104E+04	.86
81	2.012E+03	3.990E+04	4.094E+04	-2.60	4.098E+04	-2.70	4.011E+04	-.53
82	2.028E+03	3.910E+04	4.007E+04	-2.48	4.011E+04	-2.58	3.926E+04	-.41
83	2.045E+03	3.810E+04	3.917E+04	-2.81	3.921E+04	-2.91	3.838E+04	-.74
84	2.062E+03	3.750E+04	3.830E+04	-2.12	3.834E+04	-2.24	3.753E+04	-.08
85	2.079E+03	3.650E+04	3.744E+04	-2.57	3.749E+04	-2.72	3.670E+04	-.55
86	2.097E+03	3.590E+04	3.657E+04	-1.87	3.662E+04	-2.02	3.585E+04	.13
87	2.115E+03	3.490E+04	3.573E+04	-2.37	3.578E+04	-2.53	3.503E+04	-.37
88	2.133E+03	3.400E+04	3.490E+04	-2.65	3.497E+04	-2.84	3.423E+04	-.67
89	2.151E+03	3.310E+04	3.411E+04	-3.06	3.417E+04	-3.24	3.345E+04	-1.07
90	2.170E+03	3.240E+04	3.330E+04	-2.77	3.336E+04	-2.97	3.266E+04	-.80
91	2.190E+03	3.150E+04	3.246E+04	-3.06	3.254E+04	-3.29	3.185E+04	-1.12
92	2.209E+03	3.080E+04	3.171E+04	-2.95	3.178E+04	-3.17	3.111E+04	-1.00
93	2.229E+03	2.970E+04	3.093E+04	-4.15	3.100E+04	-4.39	3.035E+04	-2.19
94	2.249E+03	2.910E+04	3.018E+04	-3.70	3.025E+04	-3.96	2.962E+04	-1.78
95	2.270E+03	2.850E+04	2.942E+04	-3.21	2.949E+04	-3.48	2.887E+04	-1.31
96	2.291E+03	2.780E+04	2.868E+04	-3.17	2.876E+04	-3.44	2.815E+04	-1.27
97	2.312E+03	2.710E+04	2.797E+04	-3.19	2.804E+04	-3.48	2.746E+04	-1.31
98	2.334E+03	2.640E+04	2.724E+04	-3.19	2.732E+04	-3.49	2.675E+04	-1.33
99	2.356E+03	2.570E+04	2.655E+04	-3.30	2.663E+04	-3.60	2.607E+04	-1.43
100	2.379E+03	2.530E+04	2.584E+04	-2.15	2.592E+04	-2.46	2.538E+04	-.32
101	2.402E+03	2.450E+04	2.516E+04	-2.71	2.524E+04	-3.04	2.472E+04	-.88
102	2.426E+03	2.390E+04	2.448E+04	-2.42	2.456E+04	-2.76	2.405E+04	-.61
103	2.450E+03	2.310E+04	2.382E+04	-3.13	2.390E+04	-3.47	2.340E+04	-1.30
104	2.474E+03	2.260E+04	2.319E+04	-2.60	2.327E+04	-2.94	2.278E+04	-.79
105	2.499E+03	2.200E+04	2.255E+04	-2.49	2.263E+04	-2.85	2.215E+04	-.70
106	2.525E+03	2.140E+04	2.191E+04	-2.37	2.199E+04	-2.74	2.153E+04	-.60
107	2.551E+03	2.060E+04	2.130E+04	-3.37	2.137E+04	-3.74	2.092E+04	-1.58
108	2.577E+03	2.010E+04	2.070E+04	-3.00	2.078E+04	-3.37	2.034E+04	-1.21
109	2.604E+03	1.950E+04	2.011E+04	-3.14	2.018E+04	-3.50	1.976E+04	-1.35
110	2.632E+03	1.920E+04	1.952E+04	-1.66	1.959E+04	-2.04	1.918E+04	.09
111	2.660E+03	1.850E+04	1.895E+04	-2.43	1.902E+04	-2.82	1.863E+04	-.68
112	2.689E+03	1.800E+04	1.839E+04	-2.15	1.846E+04	-2.53	1.807E+04	-.40
113	2.719E+03	1.740E+04	1.783E+04	-2.46	1.789E+04	-2.83	1.752E+04	-.70
114	2.749E+03	1.700E+04	1.729E+04	-1.70	1.735E+04	-2.07	1.699E+04	.04
115	2.780E+03	1.630E+04	1.676E+04	-2.79	1.682E+04	-3.17	1.647E+04	-1.03
116	2.812E+03	1.590E+04	1.623E+04	-2.05	1.629E+04	-2.43	1.595E+04	-.31
117	2.844E+03	1.540E+04	1.572E+04	-2.07	1.578E+04	-2.45	1.545E+04	-.33
118	2.877E+03	1.495E+04	1.522E+04	-1.79	1.528E+04	-2.18	1.496E+04	-.06
119	2.911E+03	1.444E+04	1.472E+04	-1.97	1.478E+04	-2.35	1.447E+04	-.24
120	2.945E+03	1.404E+04	1.425E+04	-1.52	1.430E+04	-1.89	1.401E+04	.22
121	2.981E+03	1.344E+04	1.377E+04	-2.49	1.382E+04	-2.86	1.354E+04	-.73
122	3.017E+03	1.294E+04	1.332E+04	-2.92	1.336E+04	-3.28	1.309E+04	-1.15
123	3.054E+03	1.253E+04	1.287E+04	-2.70	1.291E+04	-3.05	1.265E+04	-.93
124	3.093E+03	1.233E+04	1.242E+04	-.70	1.246E+04	-1.04	1.220E+04	1.04
125	3.132E+03	1.183E+04	1.198E+04	-1.31	1.202E+04	-1.64	1.178E+04	-.44
126	3.172E+03	1.133E+04	1.156E+04	-2.05	1.160E+04	-2.39	1.136E+04	-.29
127	3.213E+03	1.069E+04	1.115E+04	-4.30	1.119E+04	-4.64	1.096E+04	-2.49



128	3.255E+03	1.042E+04	1.075E+04	-3.15	1.078E+04	-3.47	1.056E+04	-1.35
129	3.299E+03	1.005E+04	1.035E+04	-2.95	1.038E+04	-3.27	1.017E+04	-1.15
130	3.343E+03	9.850E+03	9.965E+03	-1.17	9.995E+03	-1.47	9.791E+03	.60
131	3.389E+03	9.480E+03	9.585E+03	-1.11	9.614E+03	-1.41	9.418E+03	.66
132	3.436E+03	9.050E+03	9.217E+03	-1.85	9.244E+03	-2.14	9.056E+03	-.06
133	3.485E+03	8.650E+03	8.853E+03	-2.34	8.878E+03	-2.64	8.697E+03	-.55
134	3.534E+03	8.380E+03	8.507E+03	-1.52	8.531E+03	-1.81	8.358E+03	.26
135	3.586E+03	8.140E+03	8.159E+03	-.23	8.183E+03	-.52	8.017E+03	1.52
136	3.638E+03	7.910E+03	7.831E+03	1.00	7.852E+03	.73	7.693E+03	2.74
137	3.693E+03	7.710E+03	7.503E+03	2.69	7.522E+03	2.44	7.370E+03	4.41
138	3.749E+03	7.470E+03	7.186E+03	3.80	7.205E+03	3.55	7.059E+03	5.50
139	3.806E+03	7.100E+03	6.882E+03	3.07	6.899E+03	2.83	6.760E+03	4.79
140	3.866E+03	6.840E+03	6.579E+03	3.81	6.596E+03	3.57	6.463E+03	5.51
141	3.927E+03	6.540E+03	6.288E+03	3.85	6.305E+03	3.59	6.179E+03	5.53
142	3.990E+03	6.230E+03	6.007E+03	3.57	6.023E+03	3.32	5.902E+03	5.26
143	4.056E+03	6.030E+03	5.729E+03	4.99	5.745E+03	4.73	5.630E+03	6.64
144	4.124E+03	5.700E+03	5.460E+03	4.20	5.475E+03	3.94	5.366E+03	5.86
145	4.193E+03	5.400E+03	5.204E+03	3.64	5.219E+03	3.35	5.115E+03	5.28
146	4.266E+03	5.090E+03	4.951E+03	2.73	4.965E+03	2.46	4.866E+03	4.40
147	4.340E+03	4.860E+03	4.710E+03	3.09	4.724E+03	2.81	4.630E+03	4.74
148	4.418E+03	4.560E+03	4.472E+03	1.93	4.486E+03	1.63	4.397E+03	3.58
149	4.498E+03	4.260E+03	4.245E+03	.35	4.258E+03	.04	4.174E+03	2.02
150	4.582E+03	4.020E+03	4.022E+03	-.05	4.035E+03	-.38	3.955E+03	1.61
151	4.668E+03	3.820E+03	3.810E+03	.26	3.823E+03	-.07	3.747E+03	1.91
152	4.758E+03	3.620E+03	3.603E+03	.46	3.616E+03	.11	3.545E+03	2.08
153	4.851E+03	3.420E+03	3.405E+03	.43	3.418E+03	.07	3.350E+03	2.04
154	4.948E+03	3.230E+03	3.214E+03	.51	3.226E+03	.13	3.162E+03	2.10
155	5.049E+03	3.070E+03	3.029E+03	1.34	3.041E+03	.94	2.981E+03	2.91
156	5.154E+03	2.860E+03	2.851E+03	.31	2.864E+03	-.12	2.807E+03	1.87
157	5.264E+03	2.720E+03	2.680E+03	1.47	2.692E+03	1.03	2.638E+03	3.00
158	5.378E+03	2.670E+03	2.516E+03	5.76	2.528E+03	5.31	2.478E+03	7.20
159	5.498E+03	2.500E+03	2.358E+03	5.69	2.370E+03	5.21	2.322E+03	7.11
160	5.623E+03	2.340E+03	2.207E+03	5.69	2.218E+03	5.19	2.174E+03	7.10
161	5.754E+03	2.120E+03	2.062E+03	2.74	2.073E+03	2.21	2.031E+03	4.18
162	5.891E+03	1.940E+03	1.923E+03	.86	1.934E+03	.28	1.895E+03	2.30
163	6.034E+03	1.650E+03	1.791E+03	-8.57	1.802E+03	-9.24	1.766E+03	-7.03
164	6.185E+03	1.520E+03	1.665E+03	-9.52	1.676E+03	-10.24	1.642E+03	-8.01
165	6.344E+03	1.430E+03	1.544E+03	-7.98	1.554E+03	-8.70	1.523E+03	-6.51
166	6.511E+03	1.320E+03	1.429E+03	-8.29	1.439E+03	-9.04	1.410E+03	-6.85
167	6.687E+03	1.210E+03	1.320E+03	-9.13	1.330E+03	-9.91	1.303E+03	-7.71
168	6.872E+03	1.120E+03	1.218E+03	-8.71	1.226E+03	-9.51	1.202E+03	-7.32
169	7.069E+03	1.040E+03	1.119E+03	-7.63	1.128E+03	-8.43	1.105E+03	-6.28
170	7.277E+03	9.480E+02	1.027E+03	-8.30	1.034E+03	-9.12	1.014E+03	-6.97
171	7.497E+03	8.680E+02	9.393E+02	-8.21	9.467E+02	-9.07	9.282E+02	-6.93
172	7.732E+03	7.910E+02	8.565E+02	-8.28	8.636E+02	-9.18	8.468E+02	-7.05
173	7.981E+03	7.170E+02	7.791E+02	-8.67	7.857E+02	-9.59	7.705E+02	-7.46
174	8.247E+03	6.540E+02	7.063E+02	-7.99	7.126E+02	-8.95	6.988E+02	-6.86

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
10	448	13	66BE1	11	4.03E+00	4.52E+00	5.10E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	2.580E+05	2.499E+05		3.15	2.410E+05	6.59	2.356E+05	8.69	
2	1.254E+03	1.450E+05	1.438E+05		.84	1.411E+05	2.70	1.380E+05	4.83	

3	1.487E+03	9.230E+04	9.223E+04	.08	9.138E+04	1.00	8.941E+04	3.13
4	1.557E+03	8.100E+04	8.162E+04	-.76	8.109E+04	-.11	7.935E+04	2.04
5	2.293E+03	2.580E+04	2.861E+04	-10.90	2.869E+04	-11.19	2.808E+04	-8.86
6	2.984E+03	1.410E+04	1.373E+04	2.59	1.378E+04	2.24	1.350E+04	4.25
7	3.444E+03	9.450E+03	9.156E+03	3.12	9.183E+03	2.83	8.996E+03	4.81
8	4.511E+03	4.360E+03	4.210E+03	3.45	4.223E+03	3.15	4.139E+03	5.07
9	5.415E+03	2.550E+03	2.466E+03	3.29	2.478E+03	2.83	2.428E+03	4.77
10	6.404E+03	1.500E+03	1.502E+03	-.12	1.512E+03	-.78	1.481E+03	1.25
11	8.048E+03	7.370E+02	7.599E+02	-3.10	7.664E+02	-3.99	7.516E+02	-1.98

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	449	11	30W01	11	1.24E+00	1.24E+00	3.23E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.254E+03	1.444E+05	1.438E+05		.43	1.411E+05	2.30	1.380E+05	4.44
2	1.487E+03	9.216E+04	9.223E+04		-.07	9.138E+04	.85	8.941E+04	2.98
3	1.778E+03	5.788E+04	5.724E+04		1.11	5.713E+04	1.29	5.592E+04	3.39
4	2.293E+03	2.899E+04	2.861E+04		1.31	2.869E+04	1.05	2.808E+04	3.12
5	2.395E+03	2.557E+04	2.537E+04		.80	2.545E+04	.48	2.492E+04	2.56
6	2.838E+03	1.602E+04	1.581E+04		1.30	1.587E+04	.93	1.554E+04	2.98
7	2.984E+03	1.394E+04	1.373E+04		1.47	1.378E+04	1.11	1.350E+04	3.15
8	3.151E+03	1.193E+04	1.178E+04		1.26	1.182E+04	.92	1.158E+04	2.95
9	3.444E+03	9.350E+03	9.156E+03		2.08	9.183E+03	1.79	8.996E+03	3.79
10	3.662E+03	7.740E+03	7.686E+03		.70	7.706E+03	.44	7.550E+03	2.46
11	5.414E+03	2.510E+03	2.467E+03		1.70	2.479E+03	1.22	2.430E+03	3.20

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	450	15	74MI1	7	8.47E-01	1.34E+00	1.40E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.508E+03	4.243E+03	4.218E+03		.59	4.231E+03	.29	4.147E+03	2.26
2	5.411E+03	2.474E+03	2.471E+03		.10	2.483E+03	-.38	2.434E+03	1.63
3	6.400E+03	1.507E+03	1.505E+03		.16	1.515E+03	-.50	1.484E+03	1.52
4	7.472E+03	9.381E+02	9.488E+02		-1.14	9.562E+02	-1.93	9.375E+02	.07
5	8.041E+03	7.496E+02	7.618E+02		-1.63	7.684E+02	-2.51	7.535E+02	-.52
6	8.631E+03	6.212E+02	6.163E+02		.79	6.221E+02	-.15	6.102E+02	1.77
7	9.876E+03	4.104E+02	4.114E+02		-.24	4.162E+02	-1.41	4.083E+02	.51

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	451	7	70MC2	3	4.96E-01	9.64E-01	1.03E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.508E+03	4.190E+03	4.218E+03		-.66	4.231E+03	-.97	4.147E+03	1.03
2	5.895E+03	1.910E+03	1.919E+03		-.50	1.931E+03	-1.08	1.892E+03	.96
3	9.243E+03	5.030E+02	5.018E+02		.24	5.071E+02	-.82	4.975E+02	1.10

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
10	452	7	30C01	3	3.24E+00	3.47E+00	3.64E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.420E+03	2.520E+03	2.459E+03		2.41	2.471E+03	1.94	2.422E+03	3.90
2	8.060E+03	7.760E+02	7.565E+02		2.51	7.630E+02	1.68	7.482E+02	3.58
3	8.930E+03	5.330E+02	5.565E+02		-4.41	5.620E+02	-5.44	5.513E+02	-3.43

IZ= 11



IZ= 12

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	1	19	59DE1	3	9.02E-01	1.21E+00	5.00E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.047E+03	1.588E+03	1.605E+03	-1.07	1.610E+03	-1.42	1.584E+03			.26
2	8.904E+03	1.184E+03	1.192E+03	-.72	1.196E+03	-1.05	1.177E+03			.62
3	9.885E+03	8.695E+02	8.772E+02	-.88	8.793E+02	-1.13	8.647E+02			.55

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	3	23	79LA1	2	3.01E-01	1.66E-01	1.67E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	9.680E+03	9.370E+02	9.331E+02	.42	9.354E+02	.17	9.199E+02			1.83
2	9.970E+03	8.560E+02	8.554E+02	.06	8.574E+02	-.16	8.432E+02			1.50

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	24	5	64CO3	2	8.58E+00	6.57E+00	1.46E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.078E+03	3.096E+04	2.997E+04	3.19	3.048E+04	1.57	2.757E+04			10.93
2	1.294E+03	2.059E+04	1.818E+04	11.71	1.870E+04	9.16	1.699E+04			17.46

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	25	9	9BA1	6	4.23E+00	3.98E+00	5.42E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.410E+03	5.107E+03	5.107E+03	-.01	5.099E+03	.15	5.012E+03			1.86
2	6.400E+03	3.229E+03	3.135E+03	2.91	3.141E+03	2.73	3.088E+03			4.36
3	6.930E+03	2.563E+03	2.485E+03	3.03	2.492E+03	2.75	2.451E+03			4.37
4	7.480E+03	2.091E+03	1.988E+03	4.92	1.995E+03	4.61	1.962E+03			6.19
5	8.050E+03	1.671E+03	1.603E+03	4.05	1.609E+03	3.73	1.582E+03			5.31
6	8.640E+03	1.401E+03	1.303E+03	7.01	1.307E+03	6.70	1.286E+03			8.24

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	26	15	74MI1	7	1.52E+00	1.48E+00	3.09E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	4.508E+03	8.732E+03	8.640E+03	1.05	8.572E+03	1.83	8.423E+03			3.53
2	5.411E+03	5.192E+03	5.105E+03	1.68	5.096E+03	1.84	5.009E+03			3.52
3	6.400E+03	3.198E+03	3.135E+03	1.97	3.141E+03	1.79	3.088E+03			3.44
4	7.472E+03	2.038E+03	1.994E+03	2.14	2.001E+03	1.83	1.968E+03			3.45
5	8.041E+03	1.628E+03	1.608E+03	1.20	1.614E+03	.86	1.587E+03			2.49
6	8.631E+03	1.320E+03	1.307E+03	1.00	1.311E+03	.67	1.290E+03			2.31
7	9.876E+03	8.898E+02	8.795E+02	1.16	8.817E+02	.91	8.671E+02			2.55

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	27	3	64KA1	1	6.28E-01	9.75E-01	6.89E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.040E+03	1.599E+03	1.609E+03	-.63	1.615E+03	-.98	1.588E+03			.69

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
12	33	10	57BA1	4	6.65E+00	4.33E+00	9.70E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.040E+03	3.630E+04	3.305E+04	8.96	3.353E+04	7.63	3.031E+04			16.49
2	1.250E+03	2.060E+04	1.998E+04	2.99	2.052E+04	.37	1.863E+04			9.55

3	1.490E+03	1.660E+05	1.721E+05	-3.65	1.641E+05	1.15	1.609E+05	3.05
4	1.740E+03	1.080E+05	1.173E+05	-8.62	1.122E+05	-3.91	1.101E+05	-1.95

IZ= 13

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	471	18	67ER2	5	4.45E+01	4.43E+01	4.83E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.012E+03	8.800E+04	5.170E+04	41.25	5.145E+04	41.54	4.674E+04	46.89	
2	1.188E+03	7.100E+04	3.334E+04	53.04	3.361E+04	52.66	3.064E+04	56.84	
3	1.254E+03	6.800E+04	2.873E+04	57.75	2.910E+04	57.20	2.657E+04	60.93	
4	1.487E+03	3.300E+04	1.814E+04	45.02	1.844E+04	44.11	1.689E+04	48.81	
5	1.740E+03	1.540E+05	1.442E+05	6.36	1.395E+05	9.44	1.369E+05	11.11	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	472	12	67ER1	3	2.59E+00	3.22E+00	6.97E+00		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.040E+03	4.700E+04	4.806E+04	-2.26	4.785E+04	-1.81	4.350E+04	7.45	
2	1.240E+03	3.000E+04	2.963E+04	1.25	2.999E+04	.04	2.737E+04	8.78	
3	1.440E+03	1.910E+04	1.980E+04	-3.67	2.011E+04	-5.27	1.840E+04	3.64	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	477	10	36BA1	3	4.93E+02	5.41E+01	5.36E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.558E+03	1.360E+04	1.296E+05	-852.99	1.627E+04	-19.60	1.491E+04	-9.61	
2	1.559E+03	1.930E+05	1.341E+05	30.50	1.624E+04	91.59	1.488E+04	92.29	
3	1.775E+03	1.300E+05	1.373E+05	-5.60	1.334E+05	-2.63	1.310E+05	-.74	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	478	9	64C03	5	3.82E+00	6.22E+00	8.50E+00		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.127E+03	3.862E+04	3.854E+04	.20	3.866E+04	-.11	3.521E+04	8.83	
2	1.312E+03	2.491E+04	2.544E+04	-2.11	2.580E+04	-3.56	2.357E+04	5.38	
3	1.442E+03	1.926E+04	1.973E+04	-2.43	2.003E+04	-4.01	1.834E+04	4.80	
4	1.653E+03	1.743E+05	1.628E+05	6.58	1.562E+05	10.41	1.532E+05	12.10	
5	1.739E+03	1.510E+05	1.444E+05	4.37	1.396E+05	7.52	1.371E+05	9.23	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	479	20	66BE1	11	5.49E+00	5.10E+00	5.96E+00		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.012E+03	5.160E+04	5.170E+04	-.19	5.145E+04	.30	4.674E+04	9.42	
2	1.254E+03	2.820E+04	2.873E+04	-1.89	2.910E+04	-3.21	2.657E+04	5.79	
3	1.487E+03	1.750E+04	1.814E+04	-3.67	1.844E+04	-5.40	1.689E+04	3.48	
4	2.293E+03	7.270E+04	7.191E+04	1.09	7.221E+04	.68	7.094E+04	2.42	
5	2.984E+03	3.460E+04	3.556E+04	-2.77	3.582E+04	-3.54	3.521E+04	-1.75	
6	3.444E+03	2.420E+04	2.397E+04	.93	2.430E+04	-.43	2.389E+04	1.28	
7	4.511E+03	1.090E+04	1.125E+04	-3.24	1.157E+04	-6.13	1.138E+04	-4.38	
8	5.415E+03	6.670E+03	6.690E+03	-.30	6.916E+03	-3.69	6.804E+03	-2.01	
9	6.404E+03	4.140E+03	4.133E+03	.18	4.287E+03	-3.55	4.219E+03	-1.90	
10	8.048E+03	2.310E+03	2.134E+03	7.63	2.216E+03	4.08	2.181E+03	5.57	
11	1.000E+04	1.340E+03	1.134E+03	15.36	1.174E+03	12.36	1.156E+03	13.70	



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	480	6	64CO3	4	6.87E+00	7.87E+00	1.75E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.075E+03	4.095E+04	4.390E+04	-7.21	4.383E+04	-7.03	3.987E+04	2.63		
2	1.176E+03	3.208E+04	3.426E+04	-6.80	3.453E+04	-7.63	3.148E+04	1.89		
3	1.319E+03	2.352E+04	2.507E+04	-6.59	2.543E+04	-8.14	2.324E+04	1.19		
4	1.480E+03	1.720E+04	1.838E+04	-6.87	1.868E+04	-8.61	1.711E+04	.55		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	481	3	64OG1	2	1.87E+00	3.39E+00	5.57E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	2.822E+04	2.861E+04	-1.37	2.898E+04	-2.70	2.646E+04	6.25		
2	1.487E+03	1.774E+04	1.814E+04	-2.27	1.844E+04	-3.97	1.689E+04	4.78		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	482	13	36B11	13	2.91E+00	3.35E+00	4.83E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.044E+03	4.610E+04	4.757E+04	-3.20	4.737E+04	-2.75	4.306E+04	6.59		
2	1.256E+03	2.830E+04	2.861E+04	-1.08	2.898E+04	-2.41	2.646E+04	6.52		
3	1.490E+03	1.770E+04	1.804E+04	-1.92	1.834E+04	-3.64	1.680E+04	5.08		
4	1.744E+03	1.536E+05	1.434E+05	6.64	1.388E+05	9.66	1.362E+05	11.33		
5	2.019E+03	1.007E+05	9.975E+04	.94	9.912E+04	1.57	9.735E+04	3.33		
6	2.312E+03	7.020E+04	7.037E+04	-.24	7.069E+04	-.70	6.945E+04	1.06		
7	2.627E+03	5.230E+04	5.017E+04	4.07	5.051E+04	3.42	4.963E+04	5.10		
8	3.320E+03	2.750E+04	2.653E+04	3.52	2.684E+04	2.39	2.638E+04	4.06		
9	3.698E+03	2.020E+04	1.967E+04	2.60	2.003E+04	.86	1.969E+04	2.53		
10	4.097E+03	1.490E+04	1.477E+04	.90	1.512E+04	-1.46	1.487E+04	.23		
11	4.517E+03	1.140E+04	1.121E+04	1.67	1.153E+04	-1.10	1.133E+04	.57		
12	4.960E+03	8.790E+03	8.593E+03	2.24	8.863E+03	-.84	8.718E+03	.82		
13	5.423E+03	6.820E+03	6.661E+03	2.33	6.887E+03	-.99	6.775E+03	.65		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	483	21	28JO1	17	1.18E+01	1.20E+01	7.68E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.043E+03	3.440E+04	4.769E+04	-38.65	4.749E+04	-38.04	4.317E+04	-25.50		
2	1.256E+03	2.480E+04	2.861E+04	-15.35	2.898E+04	-16.86	2.646E+04	-6.67		
3	1.490E+03	1.540E+04	1.804E+04	-17.14	1.834E+04	-19.12	1.680E+04	-9.09		
4	1.780E+03	1.250E+05	1.363E+05	-9.08	1.326E+05	-6.07	1.301E+05	-4.12		
5	2.300E+03	6.630E+04	7.133E+04	-7.59	7.165E+04	-8.06	7.039E+04	-6.17		
6	2.840E+03	4.010E+04	4.067E+04	-1.42	4.095E+04	-2.13	4.024E+04	-.35		
7	2.990E+03	3.450E+04	3.536E+04	-2.49	3.563E+04	-3.28	3.502E+04	-1.49		
8	3.700E+03	1.940E+04	1.964E+04	-1.26	2.000E+04	-3.08	1.966E+04	-1.34		
9	4.100E+03	1.430E+04	1.474E+04	-3.04	1.509E+04	-5.50	1.484E+04	-3.74		
10	4.520E+03	1.110E+04	1.119E+04	-.80	1.150E+04	-3.64	1.131E+04	-1.93		
11	4.960E+03	8.150E+03	8.593E+03	-5.44	8.863E+03	-8.75	8.718E+03	-6.97		
12	6.410E+03	4.210E+03	4.121E+03	2.11	4.275E+03	-1.55	4.207E+03	.06		
13	6.940E+03	3.230E+03	3.277E+03	-1.45	3.402E+03	-5.34	3.349E+03	-3.68		
14	7.480E+03	2.740E+03	2.638E+03	3.71	2.740E+03	.00	2.697E+03	1.56		
15	8.050E+03	2.294E+03	2.132E+03	7.05	2.214E+03	3.48	2.180E+03	4.98		
16	8.650E+03	1.873E+03	1.730E+03	7.62	1.796E+03	4.13	1.768E+03	5.61		
17	9.590E+03	1.241E+03	1.282E+03	-3.27	1.328E+03	-7.00	1.307E+03	-5.36		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
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13	484	9	75SH1	9	3.40E+00	2.05E+00	4.30E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	2.885E+04	2.873E+04	.40	2.910E+04	-.88	2.657E+04	7.91		
2	1.487E+03	1.779E+04	1.814E+04	-1.98	1.844E+04	-3.68	1.689E+04	5.05		
3	2.293E+03	7.245E+04	7.191E+04	.75	7.221E+04	.33	7.094E+04	2.08		
4	3.313E+03	2.764E+04	2.669E+04	3.44	2.700E+04	2.33	2.653E+04	4.00		
5	3.444E+03	2.491E+04	2.397E+04	3.75	2.430E+04	2.43	2.389E+04	4.10		
6	3.690E+03	2.052E+04	1.979E+04	3.55	2.015E+04	1.82	1.981E+04	3.48		
7	4.509E+03	1.192E+04	1.127E+04	5.48	1.158E+04	2.83	1.139E+04	4.44		
8	5.412E+03	6.990E+03	6.701E+03	4.14	6.927E+03	.90	6.815E+03	2.51		
9	6.400E+03	4.300E+03	4.140E+03	3.72	4.295E+03	.12	4.226E+03	1.72		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	485	25	66HU1	24	5.25E+00	4.86E+00	6.59E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	2.876E+04	2.873E+04	.09	2.910E+04	-1.20	2.657E+04	7.63		
2	1.487E+03	1.828E+04	1.814E+04	.75	1.844E+04	-.90	1.689E+04	7.60		
3	1.710E+03	1.631E+05	1.503E+05	7.82	1.449E+05	11.13	1.422E+05	12.79		
4	1.740E+03	1.546E+05	1.442E+05	6.73	1.395E+05	9.79	1.369E+05	11.46		
5	1.775E+03	1.478E+05	1.373E+05	7.12	1.334E+05	9.73	1.310E+05	11.39		
6	1.923E+03	1.210E+05	1.126E+05	6.97	1.112E+05	8.10	1.092E+05	9.76		
7	2.043E+03	1.022E+05	9.684E+04	5.25	9.634E+04	5.74	9.462E+04	7.41		
8	2.050E+03	9.883E+04	9.599E+04	2.87	9.554E+04	3.33	9.385E+04	5.04		
9	2.166E+03	8.521E+04	8.337E+04	2.16	8.343E+04	2.09	8.196E+04	3.81		
10	2.293E+03	7.365E+04	7.191E+04	2.37	7.221E+04	1.96	7.094E+04	3.67		
11	2.423E+03	6.317E+04	6.221E+04	1.52	6.258E+04	.94	6.149E+04	2.67		
12	2.839E+03	4.193E+04	4.071E+04	2.92	4.099E+04	2.24	4.028E+04	3.93		
13	2.985E+03	3.642E+04	3.552E+04	2.46	3.579E+04	1.72	3.517E+04	3.42		
14	3.304E+03	2.863E+04	2.689E+04	6.07	2.720E+04	5.01	2.673E+04	6.63		
15	3.444E+03	2.540E+04	2.397E+04	5.61	2.430E+04	4.32	2.389E+04	5.95		
16	3.769E+03	1.926E+04	1.866E+04	3.14	1.901E+04	1.28	1.869E+04	2.94		
17	4.089E+03	1.568E+04	1.485E+04	5.32	1.520E+04	3.06	1.495E+04	4.68		
18	4.511E+03	1.196E+04	1.125E+04	5.91	1.157E+04	3.27	1.138E+04	4.87		
19	4.949E+03	9.184E+03	8.649E+03	5.83	8.919E+03	2.88	8.773E+03	4.48		
20	5.415E+03	7.182E+03	6.690E+03	6.85	6.916E+03	3.70	6.804E+03	5.27		
21	6.404E+03	4.467E+03	4.133E+03	7.49	4.287E+03	4.03	4.219E+03	5.56		
22	7.478E+03	2.827E+03	2.640E+03	6.60	2.742E+03	3.00	2.699E+03	4.52		
23	8.048E+03	2.267E+03	2.134E+03	5.88	2.216E+03	2.26	2.181E+03	3.78		
24	9.442E+03	1.425E+03	1.341E+03	5.89	1.390E+03	2.47	1.368E+03	3.97		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	486	3	74SI1	3	3.81E-01	8.34E-01	4.33E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.487E+03	1.819E+04	1.814E+04	.26	1.844E+04	-1.40	1.689E+04	7.14		
2	2.043E+03	9.640E+04	9.684E+04	-.46	9.634E+04	.06	9.462E+04	1.84		
3	2.984E+03	3.570E+04	3.556E+04	.40	3.582E+04	-.35	3.521E+04	1.38		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	487	11	70LU1	11	5.37E+00	3.92E+00	5.57E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.490E+03	1.788E+04	1.804E+04	-.89	1.834E+04	-2.60	1.680E+04	6.04		
2	1.740E+03	1.518E+05	1.442E+05	5.01	1.395E+05	8.12	1.369E+05	9.82		
3	2.310E+03	7.170E+04	7.053E+04	1.64	7.085E+04	1.19	6.961E+04	2.92		



4	2.840E+03	4.160E+04	4.067E+04	2.24	4.095E+04	1.56	4.024E+04	3.26
5	2.990E+03	3.660E+04	3.536E+04	3.39	3.563E+04	2.65	3.502E+04	4.33
6	3.440E+03	2.540E+04	2.405E+04	5.30	2.438E+04	4.01	2.397E+04	5.65
7	4.510E+03	1.210E+04	1.126E+04	6.94	1.158E+04	4.33	1.138E+04	5.92
8	5.410E+03	7.170E+03	6.708E+03	6.45	6.934E+03	3.29	6.822E+03	4.86
9	6.390E+03	4.460E+03	4.159E+03	6.75	4.314E+03	3.28	4.245E+03	4.82
10	7.470E+03	2.850E+03	2.649E+03	7.06	2.751E+03	3.48	2.708E+03	4.99
11	8.050E+03	2.310E+03	2.132E+03	7.69	2.214E+03	4.15	2.180E+03	5.64

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	488	18	38AU1	17	4.16E+00	3.18E+00	5.19E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	2.060E+04	1.814E+04	11.93	1.844E+04	10.46	1.689E+04	18.00	
2	1.740E+03	1.420E+05	1.442E+05	-1.55	1.395E+05	1.78	1.369E+05	3.60	
3	2.042E+03	9.540E+04	9.696E+04	-1.64	9.645E+04	-1.10	9.474E+04	.70	
4	2.293E+03	7.300E+04	7.191E+04	1.50	7.221E+04	1.08	7.094E+04	2.82	
5	2.395E+03	6.410E+04	6.414E+04	-.06	6.451E+04	-.64	6.338E+04	1.12	
6	2.622E+03	4.960E+04	5.043E+04	-1.67	5.077E+04	-2.35	4.988E+04	-.57	
7	2.821E+03	4.220E+04	4.142E+04	1.84	4.170E+04	1.18	4.098E+04	2.89	
8	2.984E+03	3.680E+04	3.556E+04	3.38	3.582E+04	2.65	3.521E+04	4.33	
9	3.151E+03	3.180E+04	3.063E+04	3.67	3.092E+04	2.77	3.039E+04	4.44	
10	3.691E+03	2.060E+04	1.978E+04	3.99	2.013E+04	2.28	1.979E+04	3.93	
11	4.090E+03	1.550E+04	1.484E+04	4.29	1.519E+04	2.01	1.494E+04	3.64	
12	4.510E+03	1.200E+04	1.126E+04	6.17	1.158E+04	3.54	1.138E+04	5.13	
13	4.952E+03	8.690E+03	8.634E+03	.65	8.904E+03	-2.46	8.758E+03	-.78	
14	5.414E+03	6.850E+03	6.693E+03	2.28	6.920E+03	-1.02	6.807E+03	.62	
15	6.403E+03	4.190E+03	4.134E+03	1.33	4.289E+03	-2.36	4.221E+03	-.73	
16	7.477E+03	2.750E+03	2.641E+03	3.95	2.743E+03	.25	2.700E+03	1.81	
17	8.047E+03	2.230E+03	2.135E+03	4.28	2.216E+03	.61	2.182E+03	2.15	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	489	23	68H01	18	3.66E+00	3.00E+00	3.64E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	1.730E+04	1.814E+04	-4.87	1.844E+04	-6.62	1.689E+04	2.36	
2	1.740E+03	1.528E+05	1.442E+05	5.63	1.395E+05	8.72	1.369E+05	10.41	
3	2.014E+03	1.017E+05	1.004E+05	1.32	9.971E+04	1.96	9.793E+04	3.71	
4	2.166E+03	8.423E+04	8.337E+04	1.03	8.343E+04	.95	8.196E+04	2.69	
5	2.257E+03	7.576E+04	7.494E+04	1.09	7.519E+04	.75	7.387E+04	2.49	
6	2.308E+03	7.145E+04	7.068E+04	1.07	7.101E+04	.62	6.976E+04	2.36	
7	2.622E+03	5.056E+04	5.043E+04	.26	5.077E+04	-.41	4.988E+04	1.34	
8	3.314E+03	2.694E+04	2.667E+04	1.02	2.697E+04	-.13	2.651E+04	1.58	
9	3.692E+03	2.133E+04	1.976E+04	7.35	2.012E+04	5.69	1.978E+04	7.28	
10	4.512E+03	1.167E+04	1.125E+04	3.64	1.156E+04	.93	1.137E+04	2.57	
11	4.953E+03	8.978E+03	8.629E+03	3.89	8.899E+03	.88	8.753E+03	2.51	
12	5.414E+03	6.872E+03	6.693E+03	2.60	6.920E+03	-.70	6.807E+03	.94	
13	5.898E+03	5.416E+03	5.237E+03	3.31	5.425E+03	-.16	5.337E+03	1.45	
14	6.404E+03	4.271E+03	4.133E+03	3.24	4.287E+03	-.37	4.219E+03	1.23	
15	6.930E+03	3.418E+03	3.291E+03	3.73	3.417E+03	.04	3.363E+03	1.62	
16	7.478E+03	2.766E+03	2.640E+03	4.54	2.742E+03	.86	2.699E+03	2.41	
17	8.040E+03	2.231E+03	2.140E+03	4.08	2.222E+03	.40	2.188E+03	1.94	
18	8.640E+03	1.813E+03	1.736E+03	4.23	1.802E+03	.62	1.774E+03	2.16	

ILT MSET NMAX REF NTAL RMSDH RMSDS RMSDSR

13	490	1	11WH1	1	3.06E+01	2.94E+01	3.53E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.490E+03	2.598E+04	1.804E+04	30.56	1.834E+04	29.39	1.680E+04	35.33	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	491	47	76SE1	44	4.10E+01	3.90E+01	3.78E+01		
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.545E+03	5.700E+04	7.085E+04	-24.29	1.664E+04	70.81	1.525E+04	73.25	
2	1.549E+03	5.710E+04	8.893E+04	-55.74	1.652E+04	71.06	1.514E+04	73.48	
3	1.554E+03	5.950E+04	1.115E+05	-87.44	1.638E+04	72.47	1.501E+04	74.77	
4	1.557E+03	6.310E+04	1.251E+05	-98.23	1.629E+04	74.18	1.493E+04	76.33	
5	1.559E+03	9.740E+04	1.341E+05	-37.71	1.624E+04	83.33	1.488E+04	84.72	
6	1.560E+03	1.430E+05	1.386E+05	3.04	1.772E+05	-23.91	1.738E+05	-21.53	
7	1.561E+03	1.460E+05	1.432E+05	1.94	1.769E+05	-21.20	1.736E+05	-18.87	
8	1.562E+03	1.510E+05	1.477E+05	2.19	1.767E+05	-17.02	1.733E+05	-14.78	
9	1.563E+03	1.550E+05	1.522E+05	1.80	1.765E+05	-13.84	1.731E+05	-11.66	
10	1.564E+03	1.640E+05	1.567E+05	4.44	1.762E+05	-7.44	1.728E+05	-5.38	
11	1.565E+03	1.690E+05	1.612E+05	4.59	1.760E+05	-4.12	1.726E+05	-2.12	
12	1.566E+03	1.640E+05	1.658E+05	-1.08	1.757E+05	-7.14	1.724E+05	-5.09	
13	1.567E+03	1.540E+05	1.703E+05	-10.58	1.755E+05	-13.94	1.721E+05	-11.76	
14	1.568E+03	1.510E+05	1.748E+05	-15.77	1.752E+05	-16.05	1.719E+05	-13.82	
15	1.570E+03	1.560E+05	1.838E+05	-17.85	1.747E+05	-12.01	1.714E+05	-9.87	
16	1.572E+03	1.600E+05	1.833E+05	-14.57	1.743E+05	-8.91	1.709E+05	-6.83	
17	1.573E+03	1.580E+05	1.830E+05	-15.85	1.740E+05	-10.14	1.707E+05	-8.03	
18	1.576E+03	1.510E+05	1.823E+05	-20.70	1.733E+05	-14.77	1.700E+05	-12.57	
19	1.578E+03	1.420E+05	1.817E+05	-27.97	1.728E+05	-21.70	1.695E+05	-19.38	
20	1.583E+03	1.230E+05	1.804E+05	-46.66	1.716E+05	-39.54	1.684E+05	-36.87	
21	1.585E+03	1.150E+05	1.799E+05	-56.40	1.712E+05	-48.83	1.679E+05	-45.99	
22	1.586E+03	1.130E+05	1.796E+05	-58.94	1.709E+05	-51.26	1.677E+05	-48.37	
23	1.588E+03	1.160E+05	1.791E+05	-54.37	1.705E+05	-46.94	1.672E+05	-44.14	
24	1.590E+03	1.260E+05	1.785E+05	-41.70	1.700E+05	-34.91	1.667E+05	-32.34	
25	1.591E+03	1.340E+05	1.783E+05	-33.04	1.698E+05	-26.68	1.665E+05	-24.27	
26	1.592E+03	1.370E+05	1.780E+05	-29.93	1.695E+05	-23.74	1.663E+05	-21.38	
27	1.594E+03	1.350E+05	1.775E+05	-31.46	1.691E+05	-25.23	1.658E+05	-22.84	
28	1.597E+03	1.280E+05	1.767E+05	-38.03	1.684E+05	-31.54	1.652E+05	-29.03	
29	1.602E+03	1.220E+05	1.754E+05	-43.73	1.672E+05	-37.07	1.640E+05	-34.46	
30	1.604E+03	1.220E+05	1.748E+05	-43.30	1.668E+05	-36.69	1.636E+05	-34.10	
31	1.607E+03	1.210E+05	1.740E+05	-43.82	1.661E+05	-37.26	1.629E+05	-34.66	
32	1.609E+03	1.170E+05	1.735E+05	-48.29	1.656E+05	-41.57	1.625E+05	-38.88	
33	1.611E+03	1.110E+05	1.730E+05	-55.86	1.652E+05	-48.82	1.621E+05	-46.00	
34	1.613E+03	1.080E+05	1.725E+05	-59.74	1.647E+05	-52.54	1.616E+05	-49.65	
35	1.616E+03	1.440E+05	1.718E+05	-19.29	1.641E+05	-13.94	1.610E+05	-11.78	
36	1.619E+03	1.190E+05	1.710E+05	-43.74	1.634E+05	-37.32	1.603E+05	-34.72	
37	1.621E+03	1.200E+05	1.706E+05	-42.13	1.630E+05	-35.81	1.599E+05	-33.24	
38	1.623E+03	1.220E+05	1.701E+05	-39.40	1.625E+05	-33.23	1.595E+05	-30.70	
39	1.626E+03	1.230E+05	1.693E+05	-37.67	1.619E+05	-31.61	1.588E+05	-29.12	
40	1.628E+03	1.220E+05	1.688E+05	-38.40	1.614E+05	-32.33	1.584E+05	-29.83	
41	1.630E+03	1.200E+05	1.684E+05	-40.30	1.610E+05	-34.18	1.580E+05	-31.64	
42	1.633E+03	1.190E+05	1.676E+05	-40.86	1.604E+05	-34.76	1.573E+05	-32.22	
43	1.635E+03	1.150E+05	1.671E+05	-45.33	1.599E+05	-39.08	1.569E+05	-36.45	
44	1.638E+03	1.090E+05	1.664E+05	-52.66	1.593E+05	-46.15	1.563E+05	-43.39	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
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13	492	1	28H01	1	3.70E+03	5.70E+02	5.14E+02			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.550E+03	2.460E+03	9.345E+04	-3698.63	1.649E+04	-570.47	1.511E+04	-514.41		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	493	3	80HE1	3	5.65E+00	6.46E+00	7.62E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.740E+03	1.569E+05	1.442E+05	8.10	1.395E+05	11.11	1.369E+05	12.76		
2	4.510E+03	1.174E+04	1.126E+04	4.09	1.158E+04	1.40	1.138E+04	3.03		
3	8.040E+03	2.222E+03	2.140E+03	3.70	2.222E+03	.00	2.188E+03	1.55		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	494	12	69EH1	12	7.90E+00	7.61E+00	8.36E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.743E+03	1.790E+05	1.436E+05	19.78	1.389E+05	22.38	1.364E+05	23.82		
2	2.312E+03	7.160E+04	7.037E+04	1.72	7.069E+04	1.27	6.945E+04	3.00		
3	2.627E+03	5.120E+04	5.017E+04	2.01	5.051E+04	1.35	4.963E+04	3.06		
4	3.318E+03	2.600E+04	2.658E+04	-2.21	2.689E+04	-3.41	2.643E+04	-1.64		
5	3.697E+03	2.270E+04	1.969E+04	13.26	2.004E+04	11.71	1.970E+04	13.20		
6	4.516E+03	1.130E+04	1.122E+04	.73	1.153E+04	-2.06	1.134E+04	-.37		
7	5.420E+03	6.680E+03	6.672E+03	.12	6.898E+03	-3.27	6.786E+03	-1.59		
8	5.904E+03	5.510E+03	5.222E+03	5.23	5.409E+03	1.83	5.322E+03	3.41		
9	6.409E+03	4.351E+03	4.123E+03	5.23	4.277E+03	1.69	4.209E+03	3.26		
10	7.484E+03	2.790E+03	2.634E+03	5.58	2.736E+03	1.94	2.693E+03	3.48		
11	8.053E+03	2.270E+03	2.130E+03	6.17	2.212E+03	2.57	2.177E+03	4.08		
12	8.644E+03	1.860E+03	1.734E+03	6.78	1.799E+03	3.27	1.772E+03	4.76		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	495	80	26AL1	28	5.98E+00	4.18E+00	5.30E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.150E+03	3.400E+04	3.066E+04	9.82	3.095E+04	8.98	3.041E+04	10.55		
2	3.310E+03	2.960E+04	2.676E+04	9.61	2.706E+04	8.57	2.660E+04	10.14		
3	3.390E+03	2.780E+04	2.505E+04	9.89	2.537E+04	8.75	2.493E+04	10.31		
4	3.600E+03	2.310E+04	2.120E+04	8.22	2.155E+04	6.72	2.118E+04	8.30		
5	3.680E+03	2.170E+04	1.994E+04	8.11	2.030E+04	6.47	1.995E+04	8.05		
6	3.850E+03	1.910E+04	1.758E+04	7.96	1.794E+04	6.08	1.764E+04	7.66		
7	3.900E+03	1.837E+04	1.696E+04	7.70	1.731E+04	5.74	1.702E+04	7.32		
8	4.080E+03	1.610E+04	1.494E+04	7.22	1.529E+04	5.02	1.504E+04	6.60		
9	4.170E+03	1.510E+04	1.405E+04	6.96	1.440E+04	4.66	1.416E+04	6.24		
10	4.770E+03	1.010E+04	9.603E+03	4.92	9.893E+03	2.05	9.730E+03	3.66		
11	4.980E+03	8.960E+03	8.497E+03	5.17	8.763E+03	2.19	8.620E+03	3.80		
12	5.280E+03	7.620E+03	7.190E+03	5.64	7.429E+03	2.51	7.308E+03	4.10		
13	5.530E+03	6.630E+03	6.300E+03	4.98	6.516E+03	1.72	6.410E+03	3.31		
14	5.690E+03	6.090E+03	5.805E+03	4.68	6.009E+03	1.34	5.912E+03	2.93		
15	6.020E+03	5.200E+03	4.937E+03	5.06	5.117E+03	1.60	5.035E+03	3.18		
16	6.290E+03	4.520E+03	4.352E+03	3.72	4.513E+03	.15	4.441E+03	1.74		
17	6.410E+03	4.210E+03	4.121E+03	2.11	4.275E+03	-1.55	4.207E+03	.06		
18	6.420E+03	4.210E+03	4.103E+03	2.55	4.256E+03	-1.10	4.189E+03	.51		
19	6.890E+03	3.580E+03	3.346E+03	6.53	3.474E+03	2.96	3.419E+03	4.49		
20	7.040E+03	3.280E+03	3.144E+03	4.15	3.265E+03	.46	3.213E+03	2.03		
21	7.490E+03	2.760E+03	2.628E+03	4.78	2.729E+03	1.11	2.687E+03	2.65		
22	8.050E+03	2.150E+03	2.132E+03	.82	2.214E+03	-2.98	2.180E+03	-1.38		
23	8.070E+03	2.170E+03	2.117E+03	2.44	2.198E+03	-1.30	2.164E+03	.27		

24	8.550E+03	1.880E+03	1.790E+03	4.81	1.858E+03	1.19	1.829E+03	2.72
25	8.660E+03	1.810E+03	1.724E+03	4.73	1.790E+03	1.13	1.762E+03	2.65
26	8.930E+03	1.610E+03	1.577E+03	2.03	1.636E+03	-1.62	1.611E+03	-.05
27	9.590E+03	1.340E+03	1.282E+03	4.36	1.328E+03	.91	1.307E+03	2.43
28	1.000E+04	1.190E+03	1.134E+03	4.69	1.174E+03	1.31	1.156E+03	2.82

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	496	8	66HE1	8	1.47E+00	2.18E+00	1.19E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	3.314E+03	2.666E+04	2.667E+04	2.667E+04	-.02	2.697E+04	-1.18	2.651E+04	.55
2	3.444E+03	2.397E+04	2.397E+04	2.397E+04	-.02	2.430E+04	-1.39	2.389E+04	.34
3	3.692E+03	2.003E+04	1.976E+04	1.976E+04	1.33	2.012E+04	-.43	1.978E+04	1.27
4	4.511E+03	1.127E+04	1.125E+04	1.125E+04	.15	1.157E+04	-2.65	1.138E+04	-.95
5	5.415E+03	6.698E+03	6.690E+03	6.690E+03	.12	6.916E+03	-3.26	6.804E+03	-1.58
6	6.404E+03	4.126E+03	4.133E+03	4.133E+03	-.16	4.287E+03	-3.90	4.219E+03	-2.24
7	8.048E+03	2.200E+03	2.134E+03	2.134E+03	3.01	2.216E+03	-.71	2.181E+03	.85
8	8.905E+03	1.631E+03	1.590E+03	1.590E+03	2.51	1.650E+03	-1.14	1.624E+03	.42

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	497	15	73MI1	7	3.27E+00	1.03E+00	1.52E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.508E+03	1.144E+04	1.127E+04	1.127E+04	1.45	1.159E+04	-1.31	1.140E+04	.36
2	5.411E+03	6.884E+03	6.704E+03	6.704E+03	2.61	6.931E+03	-.68	6.818E+03	.96
3	6.400E+03	4.208E+03	4.140E+03	4.140E+03	1.61	4.295E+03	-2.06	4.226E+03	-.43
4	7.472E+03	2.746E+03	2.647E+03	2.647E+03	3.62	2.749E+03	-.09	2.706E+03	1.47
5	8.041E+03	2.242E+03	2.139E+03	2.139E+03	4.59	2.221E+03	.92	2.187E+03	2.46
6	8.631E+03	1.815E+03	1.742E+03	1.742E+03	4.05	1.807E+03	.43	1.779E+03	1.97
7	9.876E+03	1.220E+03	1.176E+03	1.176E+03	3.58	1.218E+03	.15	1.200E+03	1.68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	498	6	74PA1	4	1.11E+01	8.32E+00	9.54E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.800E+03	1.000E+04	9.435E+03	9.435E+03	5.65	9.720E+03	2.80	9.560E+03	4.40
2	5.900E+03	5.530E+03	5.232E+03	5.232E+03	5.39	5.419E+03	2.00	5.332E+03	3.58
3	8.000E+03	2.530E+03	2.171E+03	2.171E+03	14.19	2.255E+03	10.89	2.220E+03	12.27
4	8.900E+03	1.880E+03	1.593E+03	1.593E+03	15.29	1.652E+03	12.12	1.627E+03	13.47

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	499	11	79PU1	4	4.62E+00	2.41E+00	3.11E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.000E+03	8.500E+03	8.401E+03	8.401E+03	1.17	8.665E+03	-1.94	8.523E+03	-.27
2	5.900E+03	5.575E+03	5.232E+03	5.232E+03	6.16	5.419E+03	2.79	5.332E+03	4.36
3	6.400E+03	4.220E+03	4.140E+03	4.140E+03	1.89	4.295E+03	-1.77	4.226E+03	-.15
4	8.100E+03	2.240E+03	2.094E+03	2.094E+03	6.51	2.175E+03	2.92	2.141E+03	4.43

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
13	500	9	9BA1	6	4.67E+00	7.43E+00	6.02E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.410E+03	6.093E+03	6.708E+03	6.708E+03	-10.09	6.934E+03	-13.81	6.822E+03	-11.96
2	6.400E+03	3.965E+03	4.140E+03	4.140E+03	-4.42	4.295E+03	-8.31	4.226E+03	-6.59
3	6.930E+03	3.208E+03	3.291E+03	3.291E+03	-2.58	3.417E+03	-6.50	3.363E+03	-4.82
4	7.480E+03	2.648E+03	2.638E+03	2.638E+03	.36	2.740E+03	-3.48	2.697E+03	-1.86
5	8.050E+03	2.137E+03	2.132E+03	2.132E+03	.22	2.214E+03	-3.61	2.180E+03	-2.00



6 8.640E+03 1.765E+03 1.736E+03 1.63 1.802E+03 -2.08 1.774E+03 -.50

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	501	6	65CO1	4	4.57E+00	1.22E+00	2.65E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.415E+03	6.989E+03	6.690E+03	4.28	6.916E+03	1.04	6.804E+03	2.65		
2	6.404E+03	4.337E+03	4.133E+03	4.71	4.287E+03	1.15	4.219E+03	2.73		
3	6.930E+03	3.413E+03	3.291E+03	3.59	3.417E+03	-.10	3.363E+03	1.48		
4	8.048E+03	2.258E+03	2.134E+03	5.50	2.216E+03	1.87	2.181E+03	3.40		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	502	7	30CO1	3	4.71E+00	2.61E+00	3.18E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.420E+03	6.680E+03	6.672E+03	.12	6.898E+03	-3.27	6.786E+03	-1.59		
2	8.060E+03	2.260E+03	2.125E+03	5.99	2.206E+03	2.39	2.172E+03	3.90		
3	8.930E+03	1.670E+03	1.577E+03	5.55	1.636E+03	2.03	1.611E+03	3.54		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	503	15	34GR1	4	5.10E+00	2.15E+00	3.31E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.427E+03	6.810E+03	6.647E+03	2.39	6.873E+03	-.92	6.761E+03	.72		
2	5.911E+03	5.480E+03	5.204E+03	5.04	5.391E+03	1.63	5.304E+03	3.21		
3	6.944E+03	3.420E+03	3.271E+03	4.35	3.397E+03	.68	3.343E+03	2.25		
4	8.064E+03	2.290E+03	2.122E+03	7.35	2.203E+03	3.80	2.169E+03	5.30		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	504	14	29BA1	7	5.76E+00	2.74E+00	3.95E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.210E+03	4.910E+03	4.515E+03	8.04	4.682E+03	4.65	4.607E+03	6.17		
2	6.810E+03	3.730E+03	3.461E+03	7.21	3.593E+03	3.68	3.536E+03	5.20		
3	7.910E+03	2.303E+03	2.243E+03	2.59	2.330E+03	-1.17	2.294E+03	.40		
4	8.340E+03	2.010E+03	1.924E+03	4.29	1.997E+03	.63	1.966E+03	2.17		
5	8.380E+03	1.970E+03	1.898E+03	3.68	1.970E+03	.02	1.939E+03	1.56		
6	8.960E+03	1.660E+03	1.562E+03	5.90	1.620E+03	2.40	1.595E+03	3.91		
7	9.690E+03	1.330E+03	1.244E+03	6.50	1.288E+03	3.15	1.268E+03	4.64		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	505	5	7BA1	5	1.09E+01	1.50E+01	1.32E+01			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	3.590E+03	4.140E+03	-15.32	4.295E+03	-19.63	4.226E+03	-17.72		
2	6.930E+03	2.902E+03	3.291E+03	-13.39	3.417E+03	-17.73	3.363E+03	-15.87		
3	7.470E+03	2.445E+03	2.649E+03	-8.33	2.751E+03	-12.50	2.708E+03	-10.74		
4	8.040E+03	2.010E+03	2.140E+03	-6.46	2.222E+03	-10.55	2.188E+03	-8.84		
5	8.630E+03	1.609E+03	1.742E+03	-8.27	1.808E+03	-12.36	1.780E+03	-10.62		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	506	2	32CR1	2	1.40E+00	2.47E+00	9.73E-01			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.407E+03	4.202E+03	4.127E+03	1.79	4.281E+03	-1.88	4.213E+03	-.26		
2	8.056E+03	2.146E+03	2.128E+03	.85	2.209E+03	-2.95	2.175E+03	-1.35		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	507	5	60JA1	2	4.94E+00	1.43E+00	2.92E+00			

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.403E+03	4.370E+03	4.134E+03	5.39	4.289E+03	1.86	4.221E+03	3.42
2	8.047E+03	2.234E+03	2.135E+03	4.45	2.216E+03	.78	2.182E+03	2.32
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	508	3	53HU1	2	8.87E+00	6.91E+00	7.61E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.930E+03	3.762E+03	3.291E+03	12.53	3.417E+03	9.18	3.363E+03	10.62
2	8.047E+03	2.145E+03	2.135E+03	.49	2.216E+03	-3.33	2.182E+03	-1.73
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	509	19	59HO1	2	1.30E+01	9.76E+00	1.11E+01	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	7.500E+03	3.076E+03	2.618E+03	14.90	2.719E+03	11.61	2.676E+03	12.99
2	8.500E+03	2.042E+03	1.821E+03	10.83	1.890E+03	7.46	1.860E+03	8.89
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	510	1	69AL1	1	3.18E+00	7.14E+00	5.48E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	2.074E+03	2.140E+03	-3.18	2.222E+03	-7.14	2.188E+03	-5.48
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	511	1	10CH1	1	4.70E+01	4.50E+01	4.59E+01	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	4.040E+03	2.140E+03	47.03	2.222E+03	45.00	2.188E+03	45.85
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	512	1	69RA1	1	5.37E+00	1.73E+00	3.26E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.044E+03	2.258E+03	2.137E+03	5.37	2.219E+03	1.73	2.184E+03	3.26
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	513	2	70IN1	1	3.16E+00	5.56E-01	1.00E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.041E+03	2.209E+03	2.139E+03	3.16	2.221E+03	-.56	2.187E+03	1.00
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	514	3	64KA1	1	1.30E+00	2.49E+00	9.05E-01	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	2.168E+03	2.140E+03	1.30	2.222E+03	-2.49	2.188E+03	-.90
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	515	19	58DE1	3	4.41E+00	1.04E+00	2.42E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	2.253E+03	2.135E+03	5.26	2.216E+03	1.62	2.182E+03	3.15
2	8.904E+03	1.663E+03	1.591E+03	4.36	1.650E+03	.78	1.625E+03	2.31
3	9.885E+03	1.215E+03	1.173E+03	3.44	1.215E+03	.00	1.196E+03	1.53
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
13	516	1	74KI1	1	6.49E+00	2.98E+00	4.47E+00	
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.900E+03	1.703E+03	1.593E+03	6.49	1.652E+03	2.98	1.627E+03	4.47

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	517	19	79LA1	2	1.18E+00	2.36E+00	7.97E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.680E+03	1.264E+03	1.247E+03		1.32	1.292E+03	-2.21	1.272E+03		-.65
2	9.970E+03	1.156E+03	1.144E+03		1.00	1.185E+03	-2.49	1.167E+03		-.92

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	518	2	78DE1	1	2.09E+00	1.40E+00	1.56E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.880E+03	1.200E+03	1.175E+03		2.09	1.217E+03	-1.40	1.198E+03		.16

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
13	2099	7	81RA01	2	6.01E+00	2.67E+00	4.23E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.470E+03	6.932E+03	6.500E+03		6.24	6.721E+03	3.05	6.612E+03		4.62
2	6.470E+03	4.258E+03	4.012E+03		5.77	4.163E+03	2.24	4.096E+03		3.79

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	625	8	69HI1	4	5.92E-01	3.03E+00	1.47E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	5.528E+03	5.535E+03		-.13	5.711E+03	-3.31	5.624E+03		-1.73
2	7.060E+03	4.181E+03	4.176E+03		.12	4.319E+03	-3.29	4.253E+03		-1.71
3	8.040E+03	2.895E+03	2.871E+03		.82	2.974E+03	-2.72	2.929E+03		-1.16
4	8.910E+03	2.151E+03	2.133E+03		.84	2.210E+03	-2.73	2.177E+03		-1.19

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	626	2	64LE1	1	4.83E+00	1.43E+00	2.93E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	3.017E+03	2.871E+03		4.83	2.974E+03	1.43	2.929E+03		2.93

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	627	2	77LA1	1	8.15E+00	1.20E+01	1.03E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	2.655E+03	2.871E+03		-8.15	2.974E+03	-12.01	2.929E+03		-10.30

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	628	3	73GI1	1	1.10E+00	4.71E+00	3.12E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	2.840E+03	2.871E+03		-1.10	2.974E+03	-4.71	2.929E+03		-3.12

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	629	1	69AL1	1	1.50E+00	2.02E+00	4.65E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	2.915E+03	2.871E+03		1.50	2.974E+03	-2.02	2.929E+03		-.47

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	630	11	74MI1	3	9.64E-01	2.84E+00	1.37E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.041E+03	2.905E+03	2.870E+03		1.19	2.973E+03	-2.33	2.928E+03		-.77
2	8.631E+03	2.338E+03	2.339E+03		-.04	2.423E+03	-3.64	2.387E+03		-2.08



3 9.876E+03 1.601E+03 1.582E+03 1.16 1.639E+03 -2.34 1.615E+03 -.85

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
14	631	3	74HA1	1	1.95E+00	1.53E+00	4.37E-02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	9.880E+03	1.612E+03	1.581E+03	1.95	1.637E+03	-1.53	1.613E+03			-.04

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IZ= 16

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	652	11	67HE1	2	1.01E+00	3.30E+00	1.02E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.254E+03	7.450E+04	7.344E+04	1.43	7.137E+04	4.20	6.611E+04			11.26
2	1.487E+03	4.640E+04	4.646E+04	-.13	4.546E+04	2.02	4.223E+04			9.00

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	653	11	30W01	11	5.54E+00	4.55E+00	3.64E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.254E+03	7.384E+04	7.344E+04	.55	7.137E+04	3.35	6.611E+04			10.47
2	1.487E+03	4.227E+04	4.646E+04	-9.91	4.546E+04	-7.55	4.223E+04			.11
3	1.778E+03	2.662E+04	2.899E+04	-8.91	2.818E+04	-5.87	2.625E+04			1.39
4	2.293E+03	1.326E+04	1.436E+04	-8.27	1.416E+04	-6.82	1.325E+04			.09
5	2.395E+03	1.177E+04	1.265E+04	-7.49	1.258E+04	-6.90	1.178E+04			-.07
6	2.838E+03	8.305E+04	8.272E+04	.40	8.116E+04	2.27	7.993E+04			3.76
7	2.984E+03	7.182E+04	7.285E+04	-1.43	7.219E+04	-.52	7.110E+04			1.00
8	3.151E+03	6.059E+04	6.334E+04	-4.54	6.320E+04	-4.31	6.225E+04			-2.74
9	3.444E+03	5.047E+04	5.024E+04	.45	5.031E+04	.31	4.956E+04			1.80
10	3.662E+03	4.190E+04	4.273E+04	-1.98	4.276E+04	-2.05	4.213E+04			-.55
11	5.414E+03	1.517E+04	1.474E+04	2.85	1.495E+04	1.44	1.474E+04			2.83

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	654	1	69LA1	1	4.21E+01	1.24E+01	1.38E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	2.480E+03	1.250E+05	7.239E+04	42.09	1.094E+05	12.44	1.078E+05			13.79

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	655	10	79PU1	3	1.13E+00	1.78E+00	7.18E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.900E+03	1.152E+04	1.160E+04	-.69	1.180E+04	-2.45	1.163E+04			-1.00
2	6.400E+03	9.260E+03	9.235E+03	.27	9.420E+03	-1.73	9.287E+03			-.29
3	8.100E+03	4.833E+03	4.745E+03	1.81	4.866E+03	-.67	4.800E+03			.68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	656	7	30C01	3	2.68E+00	4.61E+00	3.61E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.420E+03	1.497E+04	1.469E+04	1.86	1.491E+04	.42	1.470E+04			1.83
2	8.060E+03	4.660E+03	4.813E+03	-3.28	4.934E+03	-5.88	4.868E+03			-4.46
3	8.930E+03	3.500E+03	3.595E+03	-2.71	3.689E+03	-5.39	3.640E+03			-3.99

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	657	36	39HA2	5	2.18E+00	3.72E+00	2.55E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.403E+03	8.811E+03	9.223E+03	9.223E+03	-4.68	9.408E+03	-6.77	9.275E+03	-5.26	
2	6.930E+03	7.342E+03	7.382E+03	7.382E+03	-.54	7.546E+03	-2.78	7.441E+03	-1.34	
3	7.477E+03	5.920E+03	5.955E+03	5.955E+03	-.60	6.098E+03	-3.00	6.014E+03	-1.59	
4	8.047E+03	4.861E+03	4.835E+03	4.835E+03	.54	4.957E+03	-1.97	4.890E+03	-.59	
5	8.638E+03	3.990E+03	3.952E+03	3.952E+03	.95	4.054E+03	-1.62	4.000E+03	-.26	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
16	664	15	74MI1	7	2.25E+00	7.39E-01	1.79E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	2.488E+04	2.441E+04	2.441E+04	1.91	2.452E+04	1.45	2.417E+04	2.85	
2	5.411E+03	1.512E+04	1.476E+04	1.476E+04	2.38	1.497E+04	.96	1.476E+04	2.36	
3	6.400E+03	9.479E+03	9.235E+03	9.235E+03	2.57	9.420E+03	.62	9.287E+03	2.03	
4	7.472E+03	6.107E+03	5.967E+03	5.967E+03	2.30	6.109E+03	-.04	6.026E+03	1.33	
5	8.041E+03	4.952E+03	4.845E+03	4.845E+03	2.16	4.967E+03	-.31	4.900E+03	1.05	
6	8.631E+03	4.044E+03	3.961E+03	3.961E+03	2.05	4.064E+03	-.49	4.010E+03	.85	
7	9.876E+03	2.759E+03	2.696E+03	2.696E+03	2.30	2.766E+03	-.26	2.730E+03	1.05	

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	678	3	67HE1	2	2.34E+00	2.04E+00	8.67E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	9.480E+04	9.201E+04	9.201E+04	2.95	9.226E+04	2.68	8.580E+04	9.50	
2	1.487E+03	5.950E+04	5.860E+04	5.860E+04	1.51	5.887E+04	1.06	5.488E+04	7.76	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	679	10	30S01	10	5.79E+00	6.51E+00	7.05E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	9.240E+04	9.201E+04	9.201E+04	.43	9.226E+04	.15	8.580E+04	7.15	
2	1.487E+03	5.663E+04	5.860E+04	5.860E+04	-3.48	5.887E+04	-3.95	5.488E+04	3.09	
3	1.778E+03	3.591E+04	3.679E+04	3.679E+04	-2.45	3.653E+04	-1.72	3.415E+04	4.90	
4	2.293E+03	1.825E+04	1.848E+04	1.848E+04	-1.27	1.838E+04	-.72	1.725E+04	5.47	
5	2.395E+03	1.631E+04	1.642E+04	1.642E+04	-.69	1.633E+04	-.15	1.534E+04	5.96	
6	2.838E+03	1.058E+05	9.812E+04	9.812E+04	7.26	9.548E+04	9.76	9.405E+04	11.10	
7	2.984E+03	8.689E+04	8.897E+04	8.897E+04	-2.39	8.757E+04	-.79	8.629E+04	.69	
8	3.151E+03	7.394E+04	7.765E+04	7.765E+04	-5.01	7.830E+04	-5.90	7.717E+04	-4.37	
9	3.444E+03	5.687E+04	6.192E+04	6.192E+04	-8.88	6.280E+04	-10.43	6.191E+04	-8.86	
10	3.662E+03	4.703E+04	5.283E+04	5.283E+04	-12.33	5.306E+04	-12.83	5.231E+04	-11.23	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	680	15	74MI1	7	1.25E+00	5.92E-01	9.50E-01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	2.984E+04	3.045E+04	3.045E+04	-2.04	3.011E+04	-.90	2.969E+04	.49	
2	5.411E+03	1.860E+04	1.853E+04	1.853E+04	.39	1.860E+04	.02	1.835E+04	1.34	
3	6.400E+03	1.175E+04	1.164E+04	1.164E+04	.90	1.176E+04	-.05	1.161E+04	1.23	
4	7.472E+03	7.590E+03	7.549E+03	7.549E+03	.54	7.658E+03	-.89	7.560E+03	.39	
5	8.041E+03	6.232E+03	6.139E+03	6.139E+03	1.50	6.239E+03	-.11	6.159E+03	1.17	
6	8.631E+03	5.069E+03	5.026E+03	5.026E+03	.86	5.114E+03	-.88	5.048E+03	.41	
7	9.876E+03	3.484E+03	3.428E+03	3.428E+03	1.61	3.492E+03	-.24	3.448E+03	1.04	



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	681	7	30C01	3	1.18E+00	2.61E+00	1.60E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.420E+03	1.843E+04	1.844E+04		-0.06	1.851E+04	-0.45	1.827E+04	.87	
2	8.060E+03	6.010E+03	6.098E+03		-1.47	6.198E+03	-3.12	6.118E+03	-1.80	
3	8.930E+03	4.500E+03	4.563E+03		-1.41	4.645E+03	-3.23	4.586E+03	-1.91	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
17	682	36	39HA2	5	3.53E+00	4.81E+00	3.62E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.403E+03	1.121E+04	1.163E+04		-3.74	1.174E+04	-4.73	1.159E+04	-3.40	
2	6.930E+03	8.942E+03	9.324E+03		-4.27	9.438E+03	-5.55	9.318E+03	-4.21	
3	7.477E+03	7.476E+03	7.535E+03		-0.79	7.644E+03	-2.24	7.546E+03	-0.94	
4	8.047E+03	6.093E+03	6.126E+03		-0.54	6.226E+03	-2.18	6.146E+03	-0.87	
5	8.638E+03	4.757E+03	5.014E+03		-5.40	5.102E+03	-7.25	5.037E+03	-5.88	

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	697	23	63LU1	5	8.70E+00	4.51E+00	3.14E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.033E+03	1.807E+05	2.043E+05		-13.07	1.942E+05	-7.45	1.807E+05	-0.02	
2	1.378E+03	8.740E+04	9.462E+04		-8.26	9.165E+04	-4.87	8.562E+04	2.04	
3	1.771E+03	4.536E+04	4.881E+04		-7.61	4.708E+04	-3.80	4.414E+04	2.69	
4	2.480E+03	1.892E+04	1.995E+04		-5.44	1.898E+04	-0.30	1.788E+04	5.50	
5	3.100E+03	1.004E+04	1.076E+04		-7.19	1.033E+04	-2.87	9.762E+03	2.76	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	699	11	67HE1	2	1.20E+00	4.31E+00	1.06E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	1.227E+05	1.221E+05		.50	1.173E+05	4.40	1.094E+05	10.80	
2	1.487E+03	7.830E+04	7.702E+04		1.63	7.500E+04	4.22	7.013E+04	10.43	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	703	202	69WU1	175	1.11E+01	4.86E+00	7.42E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.006E+03	2.160E+05	2.189E+05		-1.34	2.080E+05	3.72	1.935E+05	10.40	
2	1.014E+03	2.110E+05	2.143E+05		-1.57	2.037E+05	3.44	1.896E+05	10.14	
3	1.022E+03	2.070E+05	2.101E+05		-1.48	1.996E+05	3.56	1.858E+05	10.24	
4	1.031E+03	2.020E+05	2.054E+05		-1.67	1.951E+05	3.40	1.816E+05	10.08	
5	1.040E+03	1.970E+05	2.007E+05		-1.86	1.908E+05	3.15	1.776E+05	9.84	
6	1.048E+03	1.920E+05	1.967E+05		-2.46	1.870E+05	2.59	1.741E+05	9.30	
7	1.057E+03	1.890E+05	1.923E+05		-1.77	1.829E+05	3.21	1.703E+05	9.88	
8	1.066E+03	1.850E+05	1.879E+05		-1.59	1.789E+05	3.27	1.666E+05	9.92	
9	1.076E+03	1.810E+05	1.834E+05		-1.34	1.747E+05	3.50	1.627E+05	10.13	
10	1.085E+03	1.770E+05	1.794E+05		-1.36	1.709E+05	3.43	1.592E+05	10.05	
11	1.095E+03	1.730E+05	1.750E+05		-1.16	1.669E+05	3.52	1.555E+05	10.13	
12	1.104E+03	1.680E+05	1.713E+05		-1.98	1.634E+05	2.74	1.522E+05	9.39	
13	1.114E+03	1.650E+05	1.672E+05		-1.35	1.596E+05	3.26	1.487E+05	9.87	
14	1.125E+03	1.610E+05	1.629E+05		-1.20	1.556E+05	3.35	1.450E+05	9.95	
15	1.135E+03	1.570E+05	1.592E+05		-1.39	1.521E+05	3.14	1.417E+05	9.74	

16	1.145E+03	1.530E+05	1.554E+05	-1.59	1.486E+05	2.85	1.385E+05	9.46
17	1.156E+03	1.500E+05	1.516E+05	-1.07	1.450E+05	3.34	1.351E+05	9.90
18	1.167E+03	1.460E+05	1.478E+05	-1.25	1.415E+05	3.11	1.319E+05	9.68
19	1.178E+03	1.420E+05	1.441E+05	-1.51	1.381E+05	2.78	1.287E+05	9.36
20	1.190E+03	1.380E+05	1.404E+05	-1.72	1.345E+05	2.57	1.254E+05	9.15
21	1.201E+03	1.340E+05	1.369E+05	-2.18	1.313E+05	2.03	1.224E+05	8.64
22	1.213E+03	1.310E+05	1.334E+05	-1.83	1.279E+05	2.35	1.193E+05	8.93
23	1.225E+03	1.280E+05	1.300E+05	-1.52	1.247E+05	2.59	1.163E+05	9.14
24	1.237E+03	1.240E+05	1.266E+05	-2.09	1.216E+05	1.97	1.134E+05	8.55
25	1.250E+03	1.210E+05	1.232E+05	-1.78	1.183E+05	2.24	1.104E+05	8.79
26	1.262E+03	1.180E+05	1.200E+05	-1.67	1.154E+05	2.23	1.077E+05	8.77
27	1.275E+03	1.140E+05	1.168E+05	-2.42	1.123E+05	1.47	1.048E+05	8.05
28	1.289E+03	1.110E+05	1.133E+05	-2.10	1.092E+05	1.65	1.019E+05	8.21
29	1.302E+03	1.080E+05	1.103E+05	-2.14	1.063E+05	1.54	9.926E+04	8.09
30	1.316E+03	1.050E+05	1.072E+05	-2.07	1.034E+05	1.52	9.654E+04	8.06
31	1.330E+03	1.020E+05	1.041E+05	-2.07	1.006E+05	1.39	9.391E+04	7.93
32	1.345E+03	9.970E+04	1.010E+05	-1.34	9.767E+04	2.04	9.121E+04	8.52
33	1.359E+03	9.650E+04	9.818E+04	-1.74	9.505E+04	1.50	8.878E+04	8.00
34	1.374E+03	9.310E+04	9.537E+04	-2.44	9.235E+04	.80	8.627E+04	7.34
35	1.390E+03	9.020E+04	9.237E+04	-2.41	8.959E+04	.68	8.370E+04	7.21
36	1.406E+03	8.700E+04	8.960E+04	-2.99	8.693E+04	.08	8.123E+04	6.63
37	1.422E+03	8.480E+04	8.686E+04	-2.43	8.438E+04	.49	7.886E+04	7.01
38	1.438E+03	8.210E+04	8.430E+04	-2.68	8.193E+04	.20	7.658E+04	6.72
39	1.455E+03	7.980E+04	8.164E+04	-2.30	7.943E+04	.46	7.426E+04	6.95
40	1.473E+03	7.710E+04	7.901E+04	-2.48	7.690E+04	.26	7.190E+04	6.75
41	1.490E+03	7.560E+04	7.660E+04	-1.32	7.460E+04	1.32	6.976E+04	7.72
42	1.509E+03	7.330E+04	7.411E+04	-1.10	7.214E+04	1.58	6.747E+04	7.95
43	1.527E+03	7.040E+04	7.184E+04	-2.04	6.991E+04	.70	6.540E+04	7.11
44	1.546E+03	6.830E+04	6.958E+04	-1.87	6.765E+04	.95	6.330E+04	7.32
45	1.556E+03	6.770E+04	6.842E+04	-1.07	6.651E+04	1.76	6.223E+04	8.08
46	1.566E+03	6.710E+04	6.727E+04	-.25	6.538E+04	2.56	6.119E+04	8.81
47	1.576E+03	6.660E+04	6.617E+04	.64	6.429E+04	3.47	6.017E+04	9.66
48	1.586E+03	6.440E+04	6.511E+04	-1.10	6.322E+04	1.84	5.917E+04	8.12
49	1.596E+03	6.370E+04	6.405E+04	-.55	6.217E+04	2.41	5.819E+04	8.65
50	1.607E+03	6.330E+04	6.289E+04	.65	6.104E+04	3.57	5.714E+04	9.73
51	1.617E+03	6.190E+04	6.190E+04	.00	6.004E+04	3.00	5.621E+04	9.19
52	1.628E+03	6.110E+04	6.083E+04	.44	5.897E+04	3.49	5.521E+04	9.64
53	1.638E+03	6.030E+04	5.986E+04	.73	5.801E+04	3.80	5.432E+04	9.91
54	1.649E+03	5.900E+04	5.880E+04	.34	5.698E+04	3.42	5.337E+04	9.55
55	1.660E+03	5.700E+04	5.782E+04	-1.44	5.598E+04	1.78	5.243E+04	8.01
56	1.672E+03	5.570E+04	5.675E+04	-1.89	5.492E+04	1.41	5.144E+04	7.65
57	1.683E+03	5.510E+04	5.578E+04	-1.23	5.396E+04	2.06	5.055E+04	8.25
58	1.695E+03	5.390E+04	5.476E+04	-1.60	5.295E+04	1.77	4.961E+04	7.96
59	1.706E+03	5.270E+04	5.386E+04	-2.21	5.204E+04	1.25	4.876E+04	7.47
60	1.718E+03	5.180E+04	5.288E+04	-2.09	5.107E+04	1.40	4.786E+04	7.60
61	1.730E+03	5.080E+04	5.191E+04	-2.18	5.013E+04	1.32	4.698E+04	7.51
62	1.742E+03	4.970E+04	5.100E+04	-2.62	4.921E+04	.98	4.613E+04	7.19
63	1.755E+03	4.900E+04	5.002E+04	-2.08	4.824E+04	1.55	4.522E+04	7.71
64	1.767E+03	4.820E+04	4.912E+04	-1.90	4.737E+04	1.73	4.441E+04	7.87
65	1.780E+03	4.720E+04	4.818E+04	-2.08	4.645E+04	1.60	4.355E+04	7.74
66	1.793E+03	4.620E+04	4.728E+04	-2.34	4.555E+04	1.41	4.271E+04	7.55
67	1.806E+03	4.440E+04	4.638E+04	-4.46	4.467E+04	-.62	4.190E+04	5.64
68	1.819E+03	4.360E+04	4.550E+04	-4.37	4.382E+04	-.51	4.110E+04	5.73



69	1.833E+03	4.190E+04	4.462E+04	-6.48	4.293E+04	-2.46	4.027E+04	3.89
70	1.846E+03	4.180E+04	4.379E+04	-4.76	4.212E+04	-.77	3.952E+04	5.46
71	1.860E+03	4.030E+04	4.290E+04	-6.46	4.128E+04	-2.42	3.873E+04	3.90
72	1.874E+03	3.910E+04	4.209E+04	-7.64	4.045E+04	-3.46	3.796E+04	2.92
73	1.889E+03	3.810E+04	4.122E+04	-8.18	3.959E+04	-3.92	3.716E+04	2.47
74	1.903E+03	3.770E+04	4.040E+04	-7.17	3.882E+04	-2.96	3.643E+04	3.37
75	1.918E+03	3.740E+04	3.959E+04	-5.87	3.800E+04	-1.61	3.567E+04	4.62
76	1.933E+03	3.690E+04	3.880E+04	-5.14	3.722E+04	-.85	3.494E+04	5.32
77	1.948E+03	3.590E+04	3.800E+04	-5.84	3.645E+04	-1.53	3.422E+04	4.68
78	1.964E+03	3.480E+04	3.720E+04	-6.89	3.565E+04	-2.46	3.348E+04	3.79
79	1.979E+03	3.440E+04	3.647E+04	-6.01	3.493E+04	-1.54	3.280E+04	4.64
80	1.995E+03	3.340E+04	3.569E+04	-6.85	3.418E+04	-2.34	3.210E+04	3.88
81	2.012E+03	3.220E+04	3.490E+04	-8.40	3.341E+04	-3.75	3.138E+04	2.54
82	2.028E+03	3.130E+04	3.419E+04	-9.22	3.270E+04	-4.48	3.072E+04	1.84
83	2.045E+03	3.040E+04	3.344E+04	-10.01	3.197E+04	-5.18	3.004E+04	1.17
84	2.062E+03	2.950E+04	3.272E+04	-10.91	3.127E+04	-6.00	2.938E+04	.40
85	2.079E+03	2.910E+04	3.201E+04	-9.99	3.058E+04	-5.10	2.874E+04	1.23
86	2.097E+03	2.880E+04	3.129E+04	-8.64	2.988E+04	-3.75	2.809E+04	2.48
87	2.115E+03	2.830E+04	3.059E+04	-8.08	2.920E+04	-3.18	2.745E+04	3.01
88	2.133E+03	2.700E+04	2.990E+04	-10.74	2.854E+04	-5.70	2.683E+04	.63
89	2.151E+03	2.590E+04	2.924E+04	-12.90	2.790E+04	-7.71	2.623E+04	-1.28
90	2.170E+03	2.480E+04	2.856E+04	-15.18	2.724E+04	-9.85	2.562E+04	-3.30
91	2.190E+03	2.390E+04	2.787E+04	-16.61	2.658E+04	-11.20	2.500E+04	-4.58
92	2.209E+03	2.340E+04	2.724E+04	-16.40	2.596E+04	-10.95	2.442E+04	-4.36
93	2.229E+03	2.280E+04	2.659E+04	-16.62	2.534E+04	-11.13	2.384E+04	-4.55
94	2.249E+03	2.250E+04	2.596E+04	-15.37	2.473E+04	-9.92	2.327E+04	-3.42
95	2.270E+03	2.180E+04	2.532E+04	-16.16	2.412E+04	-10.64	2.270E+04	-4.11
96	2.291E+03	2.120E+04	2.471E+04	-16.54	2.353E+04	-10.97	2.214E+04	-4.43
97	2.312E+03	2.100E+04	2.411E+04	-14.79	2.295E+04	-9.29	2.160E+04	-2.87
98	2.334E+03	2.070E+04	2.350E+04	-13.52	2.237E+04	-8.07	2.106E+04	-1.73
99	2.356E+03	2.060E+04	2.292E+04	-11.24	2.181E+04	-5.87	2.053E+04	.33
100	2.379E+03	2.040E+04	2.232E+04	-9.43	2.124E+04	-4.13	2.000E+04	1.95
101	2.402E+03	2.030E+04	2.175E+04	-7.14	2.070E+04	-1.95	1.949E+04	3.99
102	2.450E+03	1.960E+04	2.062E+04	-5.20	1.961E+04	-.07	1.848E+04	5.73
103	2.474E+03	1.900E+04	2.008E+04	-5.69	1.910E+04	-.54	1.800E+04	5.28
104	2.499E+03	1.800E+04	1.954E+04	-8.55	1.859E+04	-3.26	1.751E+04	2.70
105	2.525E+03	1.750E+04	1.900E+04	-8.55	1.807E+04	-3.27	1.703E+04	2.68
106	2.551E+03	1.700E+04	1.848E+04	-8.68	1.758E+04	-3.39	1.657E+04	2.55
107	2.577E+03	1.660E+04	1.797E+04	-8.27	1.710E+04	-3.00	1.612E+04	2.90
108	2.604E+03	1.640E+04	1.747E+04	-6.52	1.662E+04	-1.35	1.567E+04	4.45
109	2.632E+03	1.630E+04	1.696E+04	-4.07	1.614E+04	.95	1.522E+04	6.60
110	2.660E+03	1.580E+04	1.648E+04	-4.29	1.569E+04	.72	1.479E+04	6.37
111	2.689E+03	1.540E+04	1.600E+04	-3.87	1.523E+04	1.10	1.437E+04	6.72
112	2.719E+03	1.510E+04	1.552E+04	-2.75	1.478E+04	2.14	1.394E+04	7.68
113	2.749E+03	1.450E+04	1.505E+04	-3.82	1.434E+04	1.09	1.353E+04	6.68
114	2.780E+03	1.410E+04	1.459E+04	-3.51	1.391E+04	1.35	1.313E+04	6.90
115	2.812E+03	1.370E+04	1.414E+04	-3.21	1.348E+04	1.59	1.273E+04	7.11
116	2.844E+03	1.350E+04	1.370E+04	-1.49	1.307E+04	3.17	1.234E+04	8.59
117	2.877E+03	1.310E+04	1.327E+04	-1.28	1.267E+04	3.30	1.196E+04	8.70
118	2.911E+03	1.270E+04	1.284E+04	-1.11	1.227E+04	3.41	1.158E+04	8.78
119	2.945E+03	1.210E+04	1.243E+04	-2.74	1.188E+04	1.78	1.122E+04	7.24
120	2.981E+03	1.190E+04	1.202E+04	-.98	1.150E+04	3.39	1.086E+04	8.74
121	3.017E+03	1.140E+04	1.162E+04	-1.92	1.112E+04	2.41	1.051E+04	7.80

122	3.054E+03	1.060E+04	1.123E+04	-5.91	1.076E+04	-1.51	1.017E+04	4.08
123	3.093E+03	1.030E+04	1.083E+04	-5.16	1.039E+04	-.90	9.823E+03	4.63
124	3.132E+03	1.010E+04	1.045E+04	-3.50	1.004E+04	.57	9.493E+03	6.01
125	3.172E+03	1.000E+04	1.008E+04	-.83	9.699E+03	3.01	9.171E+03	8.29
126	3.196E+03	9.680E+03	1.978E+04	-104.30	9.501E+03	1.85	8.984E+03	7.19
127	3.205E+03	9.880E+04	3.754E+04	62.01	8.445E+04	14.53	8.325E+04	15.74
128	3.213E+03	9.370E+04	5.332E+04	43.09	8.397E+04	10.38	8.278E+04	11.65
129	3.255E+03	9.100E+04	8.925E+04	1.92	8.152E+04	10.41	8.037E+04	11.68
130	3.299E+03	8.890E+04	8.633E+04	2.89	7.907E+04	11.06	7.795E+04	12.31
131	3.343E+03	8.590E+04	8.353E+04	2.75	7.671E+04	10.70	7.563E+04	11.95
132	3.389E+03	8.370E+04	8.073E+04	3.55	7.435E+04	11.17	7.331E+04	12.41
133	3.436E+03	7.910E+04	7.799E+04	1.40	7.204E+04	8.93	7.103E+04	10.20
134	3.485E+03	7.730E+04	7.526E+04	2.64	6.973E+04	9.79	6.876E+04	11.05
135	3.534E+03	7.420E+04	7.265E+04	2.08	6.752E+04	9.01	6.658E+04	10.27
136	3.586E+03	7.220E+04	7.001E+04	3.03	6.526E+04	9.61	6.436E+04	10.86
137	3.638E+03	6.960E+04	6.750E+04	3.02	6.310E+04	9.33	6.224E+04	10.58
138	3.693E+03	6.690E+04	6.497E+04	2.89	6.092E+04	8.94	6.008E+04	10.19
139	3.749E+03	6.450E+04	6.251E+04	3.08	5.878E+04	8.86	5.798E+04	10.11
140	3.806E+03	6.220E+04	6.014E+04	3.31	5.670E+04	8.84	5.593E+04	10.09
141	3.866E+03	5.820E+04	5.776E+04	.76	5.460E+04	6.18	5.386E+04	7.46
142	3.927E+03	5.510E+04	5.546E+04	-.66	5.256E+04	4.61	5.184E+04	5.91
143	3.990E+03	5.390E+04	5.323E+04	1.25	5.054E+04	6.24	4.985E+04	7.51
144	4.056E+03	5.240E+04	5.100E+04	2.66	4.851E+04	7.42	4.786E+04	8.67
145	4.124E+03	4.880E+04	4.884E+04	-.08	4.652E+04	4.67	4.590E+04	5.95
146	4.193E+03	4.560E+04	4.676E+04	-2.53	4.460E+04	2.20	4.400E+04	3.51
147	4.266E+03	4.390E+04	4.469E+04	-1.80	4.266E+04	2.82	4.209E+04	4.12
148	4.340E+03	4.240E+04	4.271E+04	-.73	4.080E+04	3.77	4.026E+04	5.06
149	4.418E+03	4.090E+04	4.074E+04	.38	3.895E+04	4.77	3.843E+04	6.05
150	4.498E+03	3.930E+04	3.886E+04	1.12	3.715E+04	5.47	3.666E+04	6.73
151	4.582E+03	3.710E+04	3.699E+04	.29	3.538E+04	4.64	3.491E+04	5.91
152	4.668E+03	3.620E+04	3.521E+04	2.74	3.367E+04	6.98	3.323E+04	8.22
153	4.758E+03	3.380E+04	3.346E+04	1.02	3.200E+04	5.32	3.158E+04	6.58
154	4.851E+03	3.180E+04	3.177E+04	.11	3.039E+04	4.44	2.999E+04	5.70
155	4.948E+03	2.970E+04	3.012E+04	-1.42	2.882E+04	2.96	2.844E+04	4.24
156	5.049E+03	2.870E+04	2.853E+04	.60	2.731E+04	4.86	2.695E+04	6.11
157	5.154E+03	2.710E+04	2.698E+04	.43	2.585E+04	4.63	2.551E+04	5.88
158	5.264E+03	2.480E+04	2.549E+04	-2.78	2.443E+04	1.50	2.411E+04	2.79
159	5.378E+03	2.400E+04	2.405E+04	-.21	2.307E+04	3.88	2.277E+04	5.13
160	5.498E+03	2.300E+04	2.265E+04	1.53	2.175E+04	5.44	2.147E+04	6.67
161	5.623E+03	2.120E+04	2.130E+04	-.49	2.048E+04	3.40	2.021E+04	4.65
162	5.754E+03	2.000E+04	2.001E+04	-.03	1.925E+04	3.74	1.900E+04	4.98
163	5.891E+03	1.920E+04	1.876E+04	2.30	1.807E+04	5.86	1.784E+04	7.07
164	6.034E+03	1.710E+04	1.756E+04	-2.70	1.694E+04	.91	1.673E+04	2.18
165	6.185E+03	1.650E+04	1.641E+04	.56	1.585E+04	3.94	1.565E+04	5.16
166	6.344E+03	1.560E+04	1.530E+04	1.93	1.480E+04	5.14	1.461E+04	6.35
167	6.511E+03	1.470E+04	1.424E+04	3.13	1.379E+04	6.20	1.362E+04	7.38
168	6.687E+03	1.370E+04	1.323E+04	3.45	1.282E+04	6.40	1.266E+04	7.58
169	6.872E+03	1.280E+04	1.226E+04	4.19	1.190E+04	7.02	1.175E+04	8.19
170	7.069E+03	1.190E+04	1.134E+04	4.71	1.101E+04	7.44	1.088E+04	8.60
171	7.277E+03	1.080E+04	1.046E+04	3.15	1.017E+04	5.83	1.004E+04	7.00
172	7.497E+03	9.880E+03	9.626E+03	2.57	9.369E+03	5.18	9.253E+03	6.35
173	7.732E+03	8.950E+03	8.830E+03	1.34	8.602E+03	3.89	8.496E+03	5.07
174	7.981E+03	8.160E+03	8.081E+03	.96	7.879E+03	3.45	7.782E+03	4.63



175 8.247E+03 7.360E+03 7.371E+03 -.15 7.192E+03 2.28 7.104E+03 3.47

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	704	14	66BE1	11	1.17E+01	1.33E+01	1.45E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	2.120E+05	2.155E+05	-1.63	2.048E+05	3.41	1.906E+05	10.10		
2	1.254E+03	1.170E+05	1.221E+05	-4.35	1.173E+05	-.26	1.094E+05	6.46		
3	1.487E+03	7.620E+04	7.702E+04	-1.08	7.500E+04	1.58	7.013E+04	7.96		
4	1.557E+03	6.900E+04	6.831E+04	1.00	6.639E+04	3.78	6.212E+04	9.96		
5	2.293E+03	2.090E+04	2.465E+04	-17.93	2.347E+04	-12.29	2.209E+04	-5.68		
6	2.984E+03	1.150E+04	1.198E+04	-4.19	1.146E+04	.31	1.083E+04	5.83		
7	3.444E+03	9.740E+04	7.753E+04	20.40	7.166E+04	26.43	7.066E+04	27.46		
8	4.511E+03	4.420E+04	3.856E+04	12.76	3.687E+04	16.58	3.638E+04	17.70		
9	5.415E+03	2.800E+04	2.361E+04	15.69	2.265E+04	19.11	2.235E+04	20.16		
10	6.404E+03	1.820E+04	1.491E+04	18.08	1.442E+04	20.75	1.424E+04	21.75		
11	8.048E+03	7.830E+03	7.894E+03	-.82	7.698E+03	1.69	7.604E+03	2.89		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	705	12	30W01	12	2.40E+00	5.21E+00	8.88E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	1.237E+05	1.221E+05	1.30	1.173E+05	5.17	1.094E+05	11.52		
2	1.487E+03	7.674E+04	7.702E+04	-.37	7.500E+04	2.27	7.013E+04	8.61		
3	1.778E+03	4.962E+04	4.832E+04	2.61	4.659E+04	6.11	4.368E+04	11.97		
4	2.293E+03	2.388E+04	2.465E+04	-3.22	2.347E+04	1.72	2.209E+04	7.50		
5	2.395E+03	2.149E+04	2.192E+04	-2.01	2.086E+04	2.93	1.964E+04	8.59		
6	2.838E+03	1.340E+04	1.378E+04	-2.84	1.315E+04	1.88	1.241E+04	7.38		
7	2.984E+03	1.156E+04	1.198E+04	-3.65	1.146E+04	.83	1.083E+04	6.31		
8	3.151E+03	1.013E+04	1.027E+04	-1.42	9.877E+03	2.50	9.338E+03	7.82		
9	3.444E+03	8.026E+04	7.753E+04	3.40	7.166E+04	10.72	7.066E+04	11.97		
10	3.662E+03	6.799E+04	6.638E+04	2.36	6.214E+04	8.61	6.128E+04	9.86		
11	5.414E+03	2.348E+04	2.362E+04	-.59	2.266E+04	3.49	2.237E+04	4.74		
12	5.946E+03	1.870E+04	1.828E+04	2.23	1.763E+04	5.73	1.740E+04	6.94		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	706	8	31SP1	8	1.10E+02	2.71E+02	2.66E+02			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.778E+03	5.054E+04	4.832E+04	4.39	4.659E+04	7.82	4.368E+04	13.58		
2	2.991E+03	1.134E+04	1.190E+04	-4.96	1.139E+04	-.45	1.076E+04	5.10		
3	3.142E+03	1.002E+04	1.036E+04	-3.38	9.955E+03	.65	9.411E+03	6.08		
4	3.206E+03	9.751E+03	3.951E+04	-305.17	8.439E+04	-765.44	8.319E+04	-753.16		
5	3.209E+03	9.717E+04	4.543E+04	53.25	8.421E+04	13.34	8.302E+04	14.57		
6	3.336E+03	8.756E+04	8.397E+04	4.10	7.708E+04	11.97	7.600E+04	13.21		
7	5.428E+03	2.282E+04	2.345E+04	-2.76	2.251E+04	1.38	2.221E+04	2.66		
8	8.067E+03	7.429E+03	7.842E+03	-5.56	7.648E+03	-2.94	7.554E+03	-1.68		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	707	9	75LO1	8	4.60E+00	3.04E+00	4.25E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.622E+03	1.621E+04	1.714E+04	-5.74	1.631E+04	-.63	1.538E+04	5.11		
2	2.839E+03	1.286E+04	1.377E+04	-7.06	1.314E+04	-2.14	1.240E+04	3.58		
3	3.134E+03	9.770E+03	1.043E+04	-6.80	1.002E+04	-2.61	9.477E+03	3.00		
4	3.313E+03	8.490E+04	8.542E+04	-.61	7.831E+04	7.77	7.720E+04	9.06		
5	4.089E+03	4.805E+04	4.993E+04	-3.92	4.754E+04	1.07	4.689E+04	2.40		



6	5.412E+03	2.289E+04	2.364E+04	-3.29	2.268E+04	.90	2.239E+04	2.19
7	6.925E+03	1.169E+04	1.201E+04	-2.71	1.165E+04	.31	1.151E+04	1.56
8	8.631E+03	6.324E+03	6.486E+03	-2.57	6.335E+03	-.18	6.258E+03	1.04

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	708	45	62SC1	27	6.50E+01	2.06E+01	2.14E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.195E+03	9.290E+03	1.780E+04	-91.64	9.509E+03	-2.36	8.992E+03	3.21	
2	3.197E+03	9.620E+03	2.175E+04	-126.09	9.493E+03	1.32	8.976E+03	6.69	
3	3.198E+03	9.950E+03	2.372E+04	-138.42	9.484E+03	4.68	8.969E+03	9.86	
4	3.199E+03	1.061E+04	2.570E+04	-142.19	9.476E+03	10.68	8.961E+03	15.54	
5	3.200E+03	1.194E+04	2.767E+04	-131.74	9.468E+03	20.70	8.954E+03	25.01	
6	3.201E+03	1.660E+04	2.964E+04	-78.57	9.460E+03	43.01	8.946E+03	46.11	
7	3.202E+03	3.180E+04	3.162E+04	.58	9.452E+03	70.28	8.938E+03	71.89	
8	3.203E+03	1.625E+05	3.359E+04	79.33	8.457E+04	47.96	8.337E+04	48.70	
9	3.204E+03	6.040E+04	3.556E+04	41.12	8.451E+04	-39.92	8.331E+04	-37.93	
10	3.205E+03	8.820E+04	3.754E+04	57.44	8.445E+04	4.25	8.325E+04	5.61	
11	3.206E+03	8.950E+04	3.951E+04	55.86	8.439E+04	5.71	8.319E+04	7.05	
12	3.207E+03	8.820E+04	4.148E+04	52.97	8.433E+04	4.39	8.313E+04	5.75	
13	3.208E+03	8.690E+04	4.345E+04	49.99	8.427E+04	3.03	8.307E+04	4.40	
14	3.209E+03	8.460E+04	4.543E+04	46.30	8.421E+04	.46	8.302E+04	1.87	
15	3.211E+03	8.260E+04	4.937E+04	40.22	8.409E+04	-1.80	8.290E+04	-.36	
16	3.213E+03	8.090E+04	5.332E+04	34.09	8.397E+04	-3.80	8.278E+04	-2.32	
17	3.215E+03	8.060E+04	5.727E+04	28.95	8.385E+04	-4.03	8.266E+04	-2.56	
18	3.217E+03	8.060E+04	6.121E+04	24.05	8.373E+04	-3.89	8.255E+04	-2.41	
19	3.219E+03	8.040E+04	6.516E+04	18.96	8.361E+04	-4.00	8.243E+04	-2.52	
20	3.221E+03	8.030E+04	6.911E+04	13.94	8.350E+04	-3.98	8.231E+04	-2.51	
21	3.223E+03	8.030E+04	7.305E+04	9.03	8.338E+04	-3.83	8.220E+04	-2.36	
22	3.224E+03	8.010E+04	7.503E+04	6.33	8.332E+04	-4.02	8.214E+04	-2.55	
23	3.225E+03	8.690E+04	7.700E+04	11.39	8.326E+04	4.19	8.208E+04	5.54	
24	3.226E+03	8.190E+04	7.897E+04	3.58	8.320E+04	-1.59	8.202E+04	-.15	
25	3.227E+03	8.190E+04	8.095E+04	1.17	8.314E+04	-1.52	8.197E+04	-.08	
26	3.229E+03	8.190E+04	8.489E+04	-3.65	8.303E+04	-1.38	8.185E+04	.06	
27	3.241E+03	8.190E+04	9.020E+04	-10.13	8.233E+04	-.52	8.116E+04	.90	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	709	15	74MI1	7	2.20E+00	1.37E+00	2.46E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	3.721E+04	3.863E+04	-3.82	3.694E+04	.74	3.644E+04	2.06	
2	5.411E+03	2.334E+04	2.365E+04	-1.35	2.269E+04	2.76	2.240E+04	4.03	
3	6.400E+03	1.470E+04	1.494E+04	-1.60	1.445E+04	1.71	1.427E+04	2.95	
4	7.472E+03	9.518E+03	9.717E+03	-2.09	9.455E+03	.66	9.338E+03	1.89	
5	8.041E+03	7.811E+03	7.913E+03	-1.31	7.717E+03	1.21	7.622E+03	2.42	
6	8.631E+03	6.353E+03	6.486E+03	-2.10	6.335E+03	.28	6.258E+03	1.49	
7	9.876E+03	4.341E+03	4.434E+03	-2.14	4.339E+03	.03	4.288E+03	1.23	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
18	710	7	70MC2	3	3.10E+00	8.41E-01	2.03E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	3.700E+04	3.863E+04	-4.40	3.694E+04	.18	3.644E+04	1.51	
2	5.895E+03	1.820E+04	1.872E+04	-2.87	1.804E+04	.87	1.781E+04	2.14	
3	9.243E+03	5.290E+03	5.347E+03	-1.08	5.229E+03	1.15	5.166E+03	2.34	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	711	7	30C01	3	4.93E+00	1.90E+00	7.57E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.420E+03	2.233E+04	2.355E+04	-5.45	2.259E+04	-1.18	2.230E+04			.13
2	8.060E+03	7.500E+03	7.861E+03	-4.82	7.666E+03	-2.21	7.572E+03			-.96
3	8.930E+03	5.640E+03	5.893E+03	-4.49	5.759E+03	-2.12	5.690E+03			-.88

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	712	11	62BU1	3	2.62E+00	2.45E+00	3.09E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.000E+03	8.160E+03	8.027E+03	1.63	7.827E+03	4.08	7.731E+03			5.26
2	9.000E+03	5.570E+03	5.764E+03	-3.49	5.635E+03	-1.16	5.567E+03			.06
3	1.000E+04	4.180E+03	4.280E+03	-2.39	4.189E+03	-.22	4.139E+03			.97

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
18	713	1	32CR1	1	6.08E+00	3.45E+00	2.18E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.040E+03	7.462E+03	7.916E+03	-6.08	7.719E+03	-3.45	7.625E+03			-2.18

IZ= 19

IZ= 20

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
20	724	6	77CR1	1	1.50E+01	1.33E+01	1.20E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.048E+03	9.980E+03	1.148E+04	-15.01	1.131E+04	-13.28	1.118E+04			-12.00

IZ= 21

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
21	737	16	67CA1	12	3.76E+00	4.66E+00	8.09E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	1.490E+03	1.493E+05	1.424E+05	4.63	1.411E+05	5.50	1.331E+05			10.86
2	2.040E+03	6.718E+04	6.289E+04	6.39	6.164E+04	8.24	5.833E+04			13.17
3	2.310E+03	4.747E+04	4.532E+04	4.52	4.420E+04	6.89	4.188E+04			11.77
4	2.980E+03	2.359E+04	2.299E+04	2.53	2.222E+04	5.83	2.111E+04			10.49
5	3.440E+03	1.582E+04	1.559E+04	1.47	1.503E+04	5.00	1.431E+04			9.55
6	4.010E+03	1.049E+04	1.022E+04	2.57	9.879E+03	5.82	9.424E+03			10.16
7	4.950E+03	4.986E+04	5.051E+04	-1.29	4.825E+04	3.23	4.766E+04			4.40
8	5.900E+03	3.120E+04	3.230E+04	-3.52	3.070E+04	1.60	3.034E+04			2.74
9	6.930E+03	2.008E+04	2.110E+04	-5.10	2.004E+04	.21	1.981E+04			1.33
10	7.480E+03	1.642E+04	1.718E+04	-4.61	1.635E+04	.45	1.617E+04			1.55
11	8.050E+03	1.367E+04	1.406E+04	-2.85	1.342E+04	1.82	1.327E+04			2.89
12	9.570E+03	8.577E+03	8.717E+03	-1.63	8.383E+03	2.26	8.293E+03			3.31

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
21	2100	7	81RA01	2	1.18E+00	3.77E+00	4.89E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.470E+03	3.893E+04	3.926E+04	-.85	3.746E+04	3.77	3.702E+04			4.91



2 6.470E+03 2.499E+04 2.535E+04 -1.43 2.405E+04 3.78 2.377E+04 4.87

IZ= 22

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	752	15	61SW1	4	3.61E+00	1.65E+00	9.79E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.511E+03	8.431E+03	8.776E+03	-4.10	8.673E+03	-2.88	8.305E+03	1.49		
2	8.048E+03	1.560E+04	1.633E+04	-4.67	1.584E+04	-1.56	1.567E+04	-4.42		
3	8.639E+03	1.310E+04	1.346E+04	-2.78	1.315E+04	-.35	1.300E+04	.76		
4	9.572E+03	9.918E+03	1.015E+04	-2.39	9.932E+03	-.15	9.826E+03	.92		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	753	5	69DE1	3	1.39E+00	1.26E+00	2.34E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.000E+03	1.634E+04	1.660E+04	-1.56	1.609E+04	1.54	1.591E+04	2.64		
2	8.398E+03	1.435E+04	1.455E+04	-1.36	1.418E+04	1.21	1.402E+04	2.31		
3	9.962E+03	8.980E+03	9.091E+03	-1.23	8.893E+03	.97	8.799E+03	2.02		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	754	1	53HU1	1	5.66E+00	2.51E+00	1.37E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	1.546E+04	1.633E+04	-5.66	1.585E+04	-2.51	1.567E+04	-1.37		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	755	3	64KA1	1	2.39E+00	6.64E-01	1.77E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	1.599E+04	1.637E+04	-2.39	1.588E+04	.66	1.571E+04	1.77		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	756	23	59DE1	5	1.83E+00	7.92E-01	1.82E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	1.594E+04	1.633E+04	-2.48	1.585E+04	.57	1.567E+04	1.69		
2	8.396E+03	1.431E+04	1.456E+04	-1.71	1.418E+04	.88	1.403E+04	1.97		
3	8.904E+03	1.223E+04	1.239E+04	-1.33	1.211E+04	.94	1.198E+04	2.02		
4	9.670E+03	9.761E+03	9.873E+03	-1.14	9.657E+03	1.07	9.554E+03	2.12		
5	9.885E+03	9.093E+03	9.288E+03	-2.14	9.086E+03	.08	8.990E+03	1.14		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	740	14	67ER1	4	4.95E+00	4.89E+00	8.54E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.020E+03	4.300E+05	4.390E+05	-2.10	4.439E+05	-3.23	4.184E+05	2.69		
2	1.210E+03	2.880E+05	2.871E+05	.33	2.885E+05	-.16	2.723E+05	5.46		
3	1.400E+03	2.050E+05	1.984E+05	3.21	1.990E+05	2.93	1.881E+05	8.26		
4	1.610E+03	1.520E+05	1.381E+05	9.12	1.387E+05	8.75	1.312E+05	13.66		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	741	16	67ER2	3	1.16E+01	1.15E+01	9.63E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	4.950E+05	4.476E+05	9.58	4.528E+05	8.53	4.268E+05	13.78		
2	1.254E+03	2.300E+05	2.626E+05	-14.16	2.635E+05	-14.57	2.488E+05	-8.17		
3	1.487E+03	1.540E+05	1.701E+05	-10.48	1.704E+05	-10.67	1.612E+05	-4.64		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	744	4	72MC1	3	4.70E+00	4.82E+00	6.25E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	2.458E+05	2.626E+05	-6.82	2.635E+05	-7.20	2.488E+05	-1.22		
2	1.486E+03	1.782E+05	1.704E+05	4.35	1.707E+05	4.20	1.614E+05	9.41		
3	2.621E+03	3.818E+04	3.785E+04	.87	3.806E+04	.32	3.619E+04	5.22		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	746	3	74SI1	3	3.84E+00	3.52E+00	8.41E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	1.786E+05	1.701E+05	4.73	1.704E+05	4.58	1.612E+05	9.77		
2	2.043E+03	7.670E+04	7.367E+04	3.95	7.410E+04	3.40	7.028E+04	8.38		
3	2.984E+03	2.740E+04	2.672E+04	2.49	2.681E+04	2.16	2.553E+04	6.84		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	747	19	66HU1	17	4.32E+00	4.75E+00	8.24E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	1.813E+05	1.701E+05	6.15	1.704E+05	6.00	1.612E+05	11.11		
2	1.739E+03	1.205E+05	1.129E+05	6.30	1.134E+05	5.90	1.074E+05	10.89		
3	1.922E+03	9.194E+04	8.663E+04	5.77	8.711E+04	5.25	8.257E+04	10.19		
4	2.050E+03	7.802E+04	7.300E+04	6.44	7.343E+04	5.89	6.964E+04	10.74		
5	2.293E+03	5.742E+04	5.415E+04	5.70	5.448E+04	5.13	5.173E+04	9.91		
6	2.423E+03	4.875E+04	4.672E+04	4.17	4.700E+04	3.59	4.465E+04	8.40		
7	2.839E+03	3.197E+04	3.054E+04	4.47	3.068E+04	4.04	2.920E+04	8.68		
8	3.304E+03	2.203E+04	2.032E+04	7.78	2.033E+04	7.71	1.938E+04	12.03		
9	4.511E+03	9.067E+03	8.776E+03	3.20	8.673E+03	4.34	8.305E+03	8.40		
10	4.952E+03	7.102E+03	6.820E+03	3.97	6.715E+03	5.44	6.435E+03	9.40		
11	5.415E+03	4.716E+04	4.605E+04	2.36	4.684E+04	.69	4.627E+04	1.89		
12	5.899E+03	3.738E+04	3.709E+04	.78	3.624E+04	3.05	3.581E+04	4.19		
13	6.404E+03	2.998E+04	3.000E+04	-.06	2.844E+04	5.13	2.812E+04	6.21		
14	7.478E+03	1.996E+04	1.991E+04	.27	1.907E+04	4.47	1.885E+04	5.54		
15	8.048E+03	1.638E+04	1.633E+04	.31	1.584E+04	3.28	1.567E+04	4.36		
16	9.252E+03	1.128E+04	1.115E+04	1.13	1.091E+04	3.29	1.079E+04	4.33		
17	9.442E+03	1.063E+04	1.055E+04	.79	1.031E+04	2.96	1.020E+04	4.01		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	748	17	67CA1	13	3.52E+00	3.60E+00	5.16E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.490E+03	1.778E+05	1.692E+05	4.81	1.695E+05	4.64	1.603E+05	9.83		
2	2.040E+03	7.429E+04	7.396E+04	.44	7.439E+04	-.13	7.055E+04	5.04		
3	2.310E+03	5.233E+04	5.308E+04	-1.44	5.341E+04	-2.07	5.072E+04	3.07		
4	2.980E+03	2.736E+04	2.682E+04	1.99	2.691E+04	1.66	2.562E+04	6.36		
5	3.440E+03	1.813E+04	1.823E+04	-.53	1.822E+04	-.47	1.737E+04	4.18		
6	4.010E+03	1.219E+04	1.206E+04	1.08	1.198E+04	1.73	1.145E+04	6.08		
7	4.950E+03	6.426E+03	6.828E+03	-6.25	6.723E+03	-4.62	6.442E+03	2.24		
8	5.430E+03	4.295E+04	4.573E+04	-6.47	4.649E+04	-8.25	4.593E+04	-6.94		
9	5.900E+03	3.523E+04	3.707E+04	-5.23	3.622E+04	-2.81	3.579E+04	-1.60		
10	6.930E+03	2.378E+04	2.438E+04	-2.52	2.308E+04	2.94	2.282E+04	4.03		
11	7.480E+03	1.933E+04	1.989E+04	-2.91	1.906E+04	1.42	1.884E+04	2.53		
12	8.050E+03	1.625E+04	1.632E+04	-.42	1.583E+04	2.57	1.566E+04	3.65		
13	9.570E+03	1.043E+04	1.016E+04	2.58	9.938E+03	4.71	9.832E+03	5.73		



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	749	18	68H01	15	3.90E+00	3.68E+00	6.70E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.014E+03	8.256E+04	7.651E+04	7.32	7.696E+04	6.78	7.298E+04	11.60		
2	2.308E+03	5.738E+04	5.320E+04	7.28	5.354E+04	6.70	5.084E+04	11.40		
3	2.622E+03	4.053E+04	3.781E+04	6.71	3.802E+04	6.20	3.615E+04	10.81		
4	3.314E+03	2.062E+04	2.015E+04	2.28	2.016E+04	2.21	1.922E+04	6.78		
5	3.692E+03	1.594E+04	1.507E+04	5.48	1.502E+04	5.78	1.434E+04	10.06		
6	4.012E+03	1.195E+04	1.204E+04	-.78	1.196E+04	-.11	1.143E+04	4.32		
7	4.512E+03	8.630E+03	8.771E+03	-1.64	8.668E+03	-.44	8.300E+03	3.82		
8	4.953E+03	6.940E+03	6.816E+03	1.78	6.712E+03	3.29	6.431E+03	7.33		
9	5.414E+03	4.685E+04	4.607E+04	1.66	4.686E+04	-.02	4.629E+04	1.20		
10	5.898E+03	3.714E+04	3.710E+04	.10	3.626E+04	2.38	3.583E+04	3.52		
11	6.404E+03	2.940E+04	3.000E+04	-2.04	2.844E+04	3.26	2.812E+04	4.36		
12	6.930E+03	2.344E+04	2.438E+04	-4.01	2.308E+04	1.53	2.282E+04	2.64		
13	7.478E+03	1.949E+04	1.991E+04	-2.13	1.907E+04	2.16	1.885E+04	3.26		
14	8.040E+03	1.609E+04	1.637E+04	-1.76	1.588E+04	1.28	1.571E+04	2.38		
15	8.640E+03	1.318E+04	1.346E+04	-2.12	1.314E+04	.29	1.300E+04	1.39		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	750	13	69DA1	11	2.45E+00	3.17E+00	6.10E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.307E+03	5.400E+04	5.326E+04	1.36	5.360E+04	.74	5.090E+04	5.75		
2	2.622E+03	3.961E+04	3.781E+04	4.54	3.802E+04	4.02	3.615E+04	8.73		
3	3.313E+03	2.065E+04	2.017E+04	2.34	2.018E+04	2.27	1.924E+04	6.84		
4	3.691E+03	1.545E+04	1.508E+04	2.41	1.503E+04	2.72	1.435E+04	7.14		
5	4.512E+03	8.765E+03	8.771E+03	-.07	8.668E+03	1.11	8.300E+03	5.30		
6	4.951E+03	7.067E+03	6.824E+03	3.44	6.719E+03	4.92	6.438E+03	8.90		
7	5.412E+03	4.784E+04	4.611E+04	3.61	4.690E+04	1.96	4.633E+04	3.15		
8	5.895E+03	3.793E+04	3.715E+04	2.05	3.632E+04	4.26	3.589E+04	5.38		
9	6.401E+03	2.991E+04	3.004E+04	-.42	2.848E+04	4.78	2.815E+04	5.87		
10	7.473E+03	1.972E+04	1.994E+04	-1.13	1.910E+04	3.14	1.889E+04	4.23		
11	9.245E+03	1.104E+04	1.118E+04	-1.23	1.093E+04	.98	1.081E+04	2.05		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
22	751	12	60EH1	11	8.57E+00	7.63E+00	7.08E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.312E+03	5.466E+04	5.296E+04	3.11	5.329E+04	2.51	5.060E+04	7.42		
2	2.627E+03	3.765E+04	3.761E+04	.09	3.782E+04	-.46	3.597E+04	4.47		
3	3.318E+03	1.913E+04	2.008E+04	-4.99	2.010E+04	-5.06	1.916E+04	-.15		
4	3.697E+03	1.492E+04	1.501E+04	-.62	1.496E+04	-.29	1.428E+04	4.27		
5	4.516E+03	7.979E+03	8.750E+03	-9.66	8.647E+03	-8.37	8.280E+03	-3.77		
6	5.420E+03	3.997E+04	4.594E+04	-14.94	4.672E+04	-16.89	4.615E+04	-15.47		
7	5.904E+03	3.146E+04	3.701E+04	-17.64	3.614E+04	-14.88	3.572E+04	-13.54		
8	6.409E+03	2.782E+04	2.994E+04	-7.61	2.838E+04	-2.02	2.806E+04	-.85		
9	7.484E+03	1.900E+04	1.986E+04	-4.54	1.903E+04	-.16	1.882E+04	.97		
10	8.053E+03	1.590E+04	1.630E+04	-2.53	1.582E+04	.52	1.564E+04	1.63		
11	8.644E+03	1.247E+04	1.344E+04	-7.80	1.313E+04	-5.25	1.298E+04	-4.10		

IZ= 23

ILT MSET NMAX REF NTAL RMSDH RMSDS RMSDSR



23	771	13	67CR1	3	8.84E+00	9.79E+00	5.40E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.130E+03	3.510E+05	4.004E+05	-14.07	4.051E+05	-15.41	3.831E+05	-9.13		
2	1.370E+03	2.350E+05	2.477E+05	-5.40	2.496E+05	-6.22	2.364E+05	- .59		
3	1.680E+03	1.430E+05	1.469E+05	-2.74	1.478E+05	-3.36	1.402E+05	1.95		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	775	15	67CA1	12	2.94E+00	3.76E+00	6.51E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.490E+03	2.020E+05	2.004E+05	.81	2.015E+05	.23	1.910E+05	5.45		
2	2.040E+03	8.975E+04	8.839E+04	1.51	8.879E+04	1.07	8.438E+04	5.99		
3	2.310E+03	6.454E+04	6.363E+04	1.41	6.384E+04	1.08	6.074E+04	5.88		
4	2.980E+03	3.417E+04	3.229E+04	5.50	3.224E+04	5.64	3.076E+04	9.98		
5	3.440E+03	2.242E+04	2.198E+04	1.97	2.185E+04	2.54	2.088E+04	6.88		
6	4.010E+03	1.430E+04	1.455E+04	-1.73	1.438E+04	-.59	1.377E+04	3.71		
7	4.950E+03	8.095E+03	8.219E+03	-1.53	8.079E+03	.19	7.752E+03	4.24		
8	5.430E+03	6.767E+03	6.381E+03	5.70	6.265E+03	7.42	6.017E+03	11.08		
9	5.900E+03	4.432E+04	4.266E+04	3.75	4.132E+04	6.78	4.086E+04	7.82		
10	6.930E+03	2.884E+04	2.837E+04	1.62	2.746E+04	4.77	2.716E+04	5.81		
11	8.050E+03	1.861E+04	1.914E+04	-2.86	1.844E+04	.92	1.824E+04	1.97		
12	9.570E+03	1.183E+04	1.200E+04	-1.45	1.160E+04	1.98	1.148E+04	2.94		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	776	16	68HO1	14	2.77E+00	2.49E+00	5.27E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.308E+03	6.670E+04	6.377E+04	4.39	6.399E+04	4.06	6.088E+04	8.72		
2	2.622E+03	4.717E+04	4.544E+04	3.68	4.551E+04	3.53	4.335E+04	8.09		
3	2.985E+03	3.287E+04	3.214E+04	2.21	3.210E+04	2.35	3.062E+04	6.84		
4	3.314E+03	2.445E+04	2.429E+04	.65	2.418E+04	1.10	2.310E+04	5.54		
5	3.692E+03	1.852E+04	1.817E+04	1.87	1.802E+04	2.68	1.724E+04	6.93		
6	4.012E+03	1.465E+04	1.453E+04	.84	1.437E+04	1.94	1.375E+04	6.14		
7	4.512E+03	1.049E+04	1.057E+04	-.79	1.042E+04	.70	9.984E+03	4.82		
8	4.953E+03	8.009E+03	8.205E+03	-2.45	8.066E+03	-.71	7.739E+03	3.37		
9	5.414E+03	6.090E+03	6.434E+03	-5.65	6.316E+03	-3.71	6.066E+03	.39		
10	5.898E+03	4.325E+04	4.269E+04	1.29	4.135E+04	4.39	4.089E+04	5.46		
11	6.404E+03	3.432E+04	3.473E+04	-1.21	3.369E+04	1.85	3.331E+04	2.93		
12	7.478E+03	2.272E+04	2.327E+04	-2.41	2.245E+04	1.17	2.221E+04	2.24		
13	8.040E+03	1.863E+04	1.921E+04	-3.09	1.850E+04	.69	1.830E+04	1.75		
14	8.640E+03	1.539E+04	1.584E+04	-2.91	1.526E+04	.85	1.510E+04	1.88		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	777	12	69DA1	9	3.45E+00	4.34E+00	6.90E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.622E+03	4.720E+04	4.544E+04	3.74	4.551E+04	3.59	4.335E+04	8.15		
2	3.313E+03	2.559E+04	2.431E+04	5.00	2.420E+04	5.43	2.312E+04	9.67		
3	3.691E+03	1.923E+04	1.819E+04	5.42	1.804E+04	6.20	1.725E+04	10.30		
4	4.512E+03	1.047E+04	1.057E+04	-.99	1.042E+04	.51	9.984E+03	4.64		
5	5.428E+03	6.270E+03	6.388E+03	-1.88	6.271E+03	-.02	6.023E+03	3.93		
6	5.895E+03	4.482E+04	4.274E+04	4.63	4.140E+04	7.63	4.094E+04	8.66		
7	6.401E+03	3.550E+04	3.478E+04	2.04	3.373E+04	5.00	3.335E+04	6.05		
8	8.040E+03	1.877E+04	1.921E+04	-2.32	1.850E+04	1.43	1.830E+04	2.48		
9	9.245E+03	1.295E+04	1.319E+04	-1.81	1.273E+04	1.73	1.260E+04	2.72		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	778	6	65C01	4	6.61E+00	5.36E+00	6.78E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.415E+03	6.995E+03	6.431E+03	8.07	6.313E+03	9.76	6.063E+03	13.32		
2	6.404E+03	3.279E+04	3.473E+04	-5.93	3.369E+04	-2.73	3.331E+04	-1.60		
3	6.930E+03	2.669E+04	2.837E+04	-6.31	2.746E+04	-2.90	2.716E+04	-1.77		
4	8.048E+03	1.809E+04	1.916E+04	-5.89	1.845E+04	-2.00	1.826E+04	-0.91		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	779	10	74PA1	5	5.69E+00	6.90E+00	7.57E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.900E+03	4.851E+04	4.266E+04	12.07	4.132E+04	14.83	4.086E+04	15.78		
2	6.400E+03	3.495E+04	3.479E+04	.46	3.374E+04	3.47	3.337E+04	4.53		
3	7.100E+03	2.599E+04	2.665E+04	-2.52	2.577E+04	.86	2.549E+04	1.94		
4	8.000E+03	1.898E+04	1.946E+04	-2.54	1.875E+04	1.21	1.855E+04	2.27		
5	8.900E+03	1.437E+04	1.462E+04	-1.72	1.409E+04	1.92	1.395E+04	2.92		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
23	780	1	53HU1	1	3.91E+00	9.78E-02	9.68E-01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	1.844E+04	1.916E+04	-3.91	1.846E+04	-.10	1.826E+04	.97		

IZ= 24

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
24	790	12	67ER1	2	2.43E+01	2.38E+01	1.76E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.130E+03	3.970E+05	4.749E+05	-19.62	4.728E+05	-19.11	4.482E+05	-12.88		
2	1.370E+03	2.290E+05	2.938E+05	-28.29	2.927E+05	-27.80	2.778E+05	-21.31		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
24	791	16	67ER2	3	2.69E+01	2.64E+01	2.02E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	4.840E+05	6.228E+05	-28.69	6.208E+05	-28.27	5.879E+05	-21.46		
2	1.254E+03	3.140E+05	3.669E+05	-16.86	3.652E+05	-16.30	3.464E+05	-10.32		
3	1.487E+03	1.800E+05	2.389E+05	-32.72	2.379E+05	-32.14	2.259E+05	-25.52		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
24	795	9	59HO1	6	8.89E+00	8.57E+00	9.06E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.410E+03	4.092E+04	3.812E+04	6.84	4.240E+04	-3.61	4.172E+04	-1.95		
2	7.000E+03	3.281E+04	3.056E+04	6.86	3.413E+04	-4.01	3.358E+04	-2.36		
3	7.600E+03	2.668E+04	2.474E+04	7.28	2.583E+04	3.18	2.551E+04	4.39		
4	8.050E+03	2.417E+04	2.129E+04	11.91	2.127E+04	11.99	2.105E+04	12.90		
5	8.500E+03	1.994E+04	1.845E+04	7.50	1.809E+04	9.27	1.792E+04	10.14		
6	8.920E+03	1.830E+04	1.622E+04	11.36	1.590E+04	13.10	1.575E+04	13.94		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
24	796	3	64KA1	1	1.02E+00	1.03E+00	2.07E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	2.158E+04	2.136E+04	1.02	2.136E+04	1.03	2.113E+04	2.07		



IZ= 25

IZ= 26

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	816	3	74SI1	3	3.22E+00	1.83E+00	5.94E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.487E+03	3.228E+05	3.191E+05	1.16	3.222E+05	.20	3.069E+05	4.93		
2	2.043E+03	1.446E+05	1.412E+05	2.35	1.427E+05	1.33	1.362E+05	5.78		
3	2.984E+03	5.400E+04	5.134E+04	4.92	5.245E+04	2.87	5.025E+04	6.94		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	817	17	67CA1	12	3.69E+00	3.20E+00	5.59E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.490E+03	3.180E+05	3.174E+05	.18	3.206E+05	-.80	3.053E+05	3.98		
2	2.040E+03	1.458E+05	1.417E+05	2.78	1.432E+05	1.77	1.368E+05	6.20		
3	2.310E+03	1.098E+05	1.020E+05	7.08	1.034E+05	5.81	9.886E+04	9.97		
4	2.980E+03	5.210E+04	5.153E+04	1.09	5.264E+04	-1.03	5.043E+04	3.20		
5	3.440E+03	3.524E+04	3.494E+04	.85	3.580E+04	-1.59	3.435E+04	2.54		
6	4.010E+03	2.430E+04	2.305E+04	5.14	2.365E+04	2.69	2.272E+04	6.51		
7	4.950E+03	1.317E+04	1.302E+04	1.16	1.333E+04	-1.18	1.283E+04	2.59		
8	5.900E+03	8.450E+03	8.099E+03	4.16	8.240E+03	2.48	7.947E+03	5.95		
9	6.930E+03	5.415E+03	5.254E+03	2.97	5.297E+03	2.18	5.118E+03	5.49		
10	7.480E+03	3.561E+04	3.363E+04	5.55	3.345E+04	6.07	3.311E+04	7.02		
11	8.050E+03	2.875E+04	2.800E+04	2.62	2.790E+04	2.95	2.763E+04	3.91		
12	9.570E+03	1.856E+04	1.792E+04	3.43	1.780E+04	4.11	1.762E+04	5.08		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	819	29	26AL1	23	1.29E+01	1.16E+01	1.42E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	3.310E+03	4.730E+04	3.879E+04	18.00	3.972E+04	16.03	3.809E+04	19.48		
2	3.390E+03	4.540E+04	3.636E+04	19.92	3.724E+04	17.97	3.572E+04	21.31		
3	3.600E+03	3.650E+04	3.089E+04	15.37	3.167E+04	13.24	3.039E+04	16.73		
4	3.680E+03	3.470E+04	2.910E+04	16.15	2.984E+04	14.00	2.865E+04	17.45		
5	3.850E+03	3.130E+04	2.575E+04	17.74	2.641E+04	15.63	2.536E+04	18.98		
6	3.900E+03	2.990E+04	2.486E+04	16.86	2.550E+04	14.72	2.449E+04	18.09		
7	4.080E+03	2.630E+04	2.199E+04	16.39	2.256E+04	14.21	2.168E+04	17.57		
8	4.170E+03	2.500E+04	2.073E+04	17.09	2.126E+04	14.95	2.044E+04	18.26		
9	4.770E+03	1.630E+04	1.439E+04	11.71	1.474E+04	9.54	1.419E+04	12.95		
10	4.980E+03	1.450E+04	1.281E+04	11.68	1.311E+04	9.60	1.262E+04	12.97		
11	5.280E+03	1.220E+04	1.093E+04	10.40	1.117E+04	8.44	1.076E+04	11.80		
12	5.530E+03	1.050E+04	9.646E+03	8.13	9.841E+03	6.28	9.485E+03	9.67		
13	5.690E+03	9.740E+03	8.931E+03	8.31	9.101E+03	6.56	8.774E+03	9.92		
14	6.020E+03	8.350E+03	7.670E+03	8.14	7.797E+03	6.62	7.522E+03	9.92		
15	6.290E+03	7.330E+03	6.816E+03	7.01	6.913E+03	5.69	6.671E+03	8.98		
16	6.410E+03	6.580E+03	6.478E+03	1.55	6.563E+03	.25	6.335E+03	3.72		
17	6.420E+03	6.680E+03	6.451E+03	3.43	6.535E+03	2.17	6.309E+03	5.56		
18	7.040E+03	5.190E+03	5.037E+03	2.95	5.073E+03	2.26	4.902E+03	5.55		
19	7.490E+03	3.990E+04	3.352E+04	15.99	3.334E+04	16.44	3.300E+04	17.28		
20	8.070E+03	3.060E+04	2.782E+04	9.08	2.773E+04	9.39	2.745E+04	10.28		
21	8.550E+03	2.740E+04	2.401E+04	12.36	2.393E+04	12.67	2.369E+04	13.53		

22	8.660E+03	2.690E+04	2.324E+04	13.61	2.315E+04	13.95	2.292E+04	14.80
23	9.590E+03	1.980E+04	1.782E+04	9.98	1.770E+04	10.62	1.752E+04	11.52

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	822	11	69DA1	8	3.43E+01	3.38E+00	5.38E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.313E+03	4.062E+04	3.869E+04	4.75	3.962E+04	2.46	3.799E+04	6.46		
2	3.691E+03	3.098E+04	2.887E+04	6.82	2.960E+04	4.45	2.842E+04	8.28		
3	4.512E+03	1.753E+04	1.674E+04	4.53	1.716E+04	2.12	1.650E+04	5.86		
4	5.946E+03	8.023E+03	7.930E+03	1.16	8.067E+03	-0.54	7.780E+03	3.03		
5	7.056E+03	4.918E+03	9.654E+03	-96.31	5.041E+03	-2.51	4.871E+03	.95		
6	7.473E+03	3.598E+04	3.371E+04	6.31	3.353E+04	6.82	3.319E+04	7.76		
7	8.040E+03	2.874E+04	2.808E+04	2.29	2.799E+04	2.62	2.771E+04	3.58		
8	9.574E+03	1.794E+04	1.790E+04	.21	1.778E+04	.91	1.760E+04	1.91		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	823	10	60EH1	9	1.02E+01	9.67E+00	1.12E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.318E+03	4.167E+04	3.853E+04	7.54	3.946E+04	5.31	3.784E+04	9.19		
2	3.697E+03	3.131E+04	2.874E+04	8.21	2.947E+04	5.87	2.829E+04	9.64		
3	4.516E+03	1.858E+04	1.670E+04	10.14	1.712E+04	7.87	1.646E+04	11.39		
4	5.420E+03	1.062E+04	1.018E+04	4.11	1.040E+04	2.09	1.002E+04	5.66		
5	5.904E+03	8.707E+03	8.084E+03	7.15	8.225E+03	5.54	7.932E+03	8.90		
6	6.409E+03	6.091E+03	6.481E+03	-6.40	6.566E+03	-7.80	6.338E+03	-4.06		
7	7.484E+03	4.318E+04	3.359E+04	22.21	3.341E+04	22.64	3.307E+04	23.42		
8	8.053E+03	3.029E+04	2.797E+04	7.66	2.787E+04	7.98	2.760E+04	8.88		
9	8.644E+03	2.493E+04	2.335E+04	6.34	2.326E+04	6.70	2.303E+04	7.62		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	824	13	69DE1	9	3.81E+01	2.13E+00	2.57E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.000E+03	1.302E+04	1.267E+04	2.70	1.296E+04	.42	1.248E+04	4.13		
2	6.000E+03	7.809E+03	7.740E+03	.88	7.869E+03	-.77	7.590E+03	2.80		
3	6.404E+03	6.418E+03	6.495E+03	-1.19	6.580E+03	-2.53	6.352E+03	1.03		
4	7.058E+03	4.841E+03	1.037E+04	-114.12	5.037E+03	-4.06	4.868E+03	-.55		
5	8.000E+03	2.923E+04	2.844E+04	2.71	2.834E+04	3.05	2.806E+04	4.00		
6	8.398E+03	2.578E+04	2.514E+04	2.47	2.506E+04	2.80	2.481E+04	3.76		
7	9.000E+03	2.090E+04	2.104E+04	-.66	2.093E+04	-.16	2.073E+04	.83		
8	9.962E+03	1.603E+04	1.612E+04	-.58	1.599E+04	.24	1.583E+04	1.25		
9	1.000E+04	1.582E+04	1.596E+04	-.87	1.583E+04	-.06	1.567E+04	.95		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
26	825	9	9BA1	6	1.24E+01	1.23E+01	1.17E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.410E+03	9.625E+03	1.024E+04	-6.34	1.045E+04	-8.58	1.007E+04	-4.62		
2	6.400E+03	6.129E+03	6.506E+03	-6.14	6.591E+03	-7.55	6.363E+03	-3.81		
3	6.930E+03	6.231E+03	5.254E+03	15.67	5.297E+03	14.99	5.118E+03	17.87		
4	7.480E+03	2.912E+04	3.363E+04	-15.50	3.345E+04	-14.87	3.311E+04	-13.71		
5	8.050E+03	2.485E+04	2.800E+04	-12.66	2.790E+04	-12.28	2.763E+04	-11.17		
6	8.640E+03	2.049E+04	2.338E+04	-14.10	2.329E+04	-13.66	2.306E+04	-12.53		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	826	6	65CO1	4	2.16E+00	2.36E+00	3.39E+00



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.415E+03	1.040E+04	1.021E+04	1.83	1.042E+04	-.23	1.004E+04	3.42
2	6.404E+03	6.463E+03	6.495E+03	-.49	6.580E+03	-1.81	6.352E+03	1.72
3	6.930E+03	5.235E+03	5.254E+03	-.37	5.297E+03	-1.19	5.118E+03	2.24
4	8.048E+03	2.914E+04	2.801E+04	3.87	2.792E+04	4.19	2.764E+04	5.14

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	827	5	7BA1	5	8.29E+01	8.22E+01	8.07E+01

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.400E+03	6.092E+03	6.506E+03	-6.79	6.591E+03	-8.20	6.363E+03	-4.44
2	6.930E+03	5.739E+03	5.254E+03	8.45	5.297E+03	7.70	5.118E+03	10.82
3	7.470E+03	1.467E+04	3.374E+04	-130.02	3.356E+04	-128.76	3.322E+04	-126.45
4	8.040E+03	1.384E+04	2.808E+04	-102.91	2.799E+04	-102.22	2.771E+04	-100.23
5	8.630E+03	1.286E+04	2.345E+04	-82.34	2.336E+04	-81.63	2.313E+04	-79.84

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	828	2	59BA1	1	4.80E-01	8.33E-01	2.67E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.400E+03	6.537E+03	6.506E+03	.48	6.591E+03	-.83	6.363E+03	2.67

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	829	22	32MA1	7	7.56E+00	7.94E+00	8.81E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.404E+03	6.584E+03	6.495E+03	1.36	6.580E+03	.06	6.352E+03	3.53
2	7.478E+03	3.960E+04	3.365E+04	15.01	3.347E+04	15.48	3.313E+04	16.33
3	8.048E+03	3.030E+04	2.801E+04	7.55	2.792E+04	7.86	2.764E+04	8.77
4	8.398E+03	2.650E+04	2.514E+04	5.12	2.506E+04	5.44	2.481E+04	6.37
5	8.639E+03	2.500E+04	2.339E+04	6.46	2.329E+04	6.82	2.306E+04	7.74
6	9.713E+03	1.799E+04	1.724E+04	4.19	1.711E+04	4.91	1.694E+04	5.86
7	9.962E+03	1.706E+04	1.612E+04	5.50	1.599E+04	6.27	1.583E+04	7.21

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	830	1	69AL1	1	3.25E+00	2.90E+00	1.88E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	2.720E+04	2.808E+04	-3.25	2.799E+04	-2.90	2.771E+04	-1.88

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	831	3	64KA1	1	2.32E+00	2.65E+00	3.61E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	2.875E+04	2.808E+04	2.32	2.799E+04	2.65	2.771E+04	3.61

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	832	20	59DE1	3	1.06E+00	9.55E-01	1.60E+00

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	2.838E+04	2.802E+04	1.26	2.793E+04	1.60	2.765E+04	2.57
2	8.904E+03	2.150E+04	2.163E+04	-.60	2.153E+04	-.14	2.132E+04	.85
3	9.885E+03	1.626E+04	1.646E+04	-1.20	1.633E+04	-.40	1.616E+04	.61

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
26	818	222	71DE1	207	7.05E+01	2.28E+01	2.28E+01

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.984E+03	5.374E+04	5.134E+04	4.46	5.245E+04	2.40	5.025E+04	6.49
2	4.000E+03	2.418E+04	2.321E+04	4.02	2.381E+04	1.54	2.287E+04	5.41



3	5.000E+03	1.307E+04	1.267E+04	3.07	1.296E+04	.80	1.248E+04	4.49
4	6.000E+03	7.851E+03	7.740E+03	1.41	7.869E+03	-.23	7.590E+03	3.32
5	6.404E+03	6.488E+03	6.495E+03	-.10	6.580E+03	-1.42	6.352E+03	2.10
6	6.500E+03	6.167E+03	6.240E+03	-1.18	6.317E+03	-2.43	6.098E+03	1.11
7	6.600E+03	5.864E+03	5.988E+03	-2.12	6.057E+03	-3.30	5.849E+03	.26
8	6.800E+03	5.367E+03	5.528E+03	-3.00	5.580E+03	-3.97	5.390E+03	-.43
9	6.900E+03	5.151E+03	5.316E+03	-3.20	5.361E+03	-4.07	5.179E+03	-.54
10	7.000E+03	4.998E+03	5.115E+03	-2.34	5.153E+03	-3.10	4.979E+03	.38
11	7.020E+03	4.889E+03	5.076E+03	-3.82	5.113E+03	-4.57	4.940E+03	-1.05
12	7.040E+03	4.885E+03	5.037E+03	-3.10	5.073E+03	-3.84	4.902E+03	-.34
13	7.070E+03	4.856E+03	1.463E+04	-201.35	5.014E+03	-3.25	4.845E+03	.23
14	7.080E+03	4.877E+03	1.819E+04	-272.98	4.994E+03	-2.41	4.826E+03	1.04
15	7.090E+03	4.948E+03	2.175E+04	-339.50	4.975E+03	-.55	4.808E+03	2.84
16	7.100E+03	5.002E+03	2.530E+04	-405.86	4.956E+03	.92	4.789E+03	4.25
17	7.102E+03	5.278E+03	2.601E+04	-392.88	4.952E+03	6.18	4.785E+03	9.33
18	7.104E+03	5.512E+03	2.673E+04	-384.86	4.948E+03	10.23	4.782E+03	13.25
19	7.106E+03	5.985E+03	2.744E+04	-358.43	4.944E+03	17.39	4.778E+03	20.17
20	7.108E+03	6.800E+03	2.815E+04	-313.95	4.941E+03	27.35	4.774E+03	29.79
21	7.110E+03	8.651E+03	2.886E+04	-233.60	4.937E+03	42.93	4.771E+03	44.85
22	7.112E+03	1.144E+04	2.957E+04	-158.49	3.781E+04	-230.49	3.742E+04	-227.08
23	7.114E+03	1.488E+04	3.028E+04	-103.51	3.778E+04	-153.91	3.739E+04	-151.29
24	7.116E+03	1.874E+04	3.099E+04	-65.39	3.776E+04	-101.48	3.737E+04	-99.40
25	7.118E+03	2.170E+04	3.170E+04	-46.11	3.773E+04	-73.88	3.734E+04	-72.08
26	7.120E+03	2.529E+04	3.242E+04	-28.18	3.771E+04	-49.09	3.732E+04	-47.55
27	7.122E+03	2.894E+04	3.313E+04	-14.47	3.768E+04	-30.20	3.729E+04	-28.86
28	7.124E+03	3.379E+04	3.384E+04	-.14	3.765E+04	-11.44	3.727E+04	-10.29
29	7.126E+03	3.618E+04	3.455E+04	4.50	3.763E+04	-4.00	3.724E+04	-2.93
30	7.128E+03	3.859E+04	3.526E+04	8.63	3.760E+04	2.56	3.722E+04	3.56
31	7.130E+03	4.034E+04	3.597E+04	10.83	3.758E+04	6.85	3.719E+04	7.81
32	7.132E+03	4.030E+04	3.668E+04	8.97	3.755E+04	6.82	3.716E+04	7.78
33	7.134E+03	3.990E+04	3.740E+04	6.28	3.753E+04	5.95	3.714E+04	6.92
34	7.136E+03	3.960E+04	3.774E+04	4.70	3.750E+04	5.30	3.711E+04	6.28
35	7.138E+03	3.885E+04	3.771E+04	2.93	3.748E+04	3.54	3.709E+04	4.53
36	7.140E+03	3.873E+04	3.769E+04	2.69	3.745E+04	3.31	3.706E+04	4.30
37	7.142E+03	3.933E+04	3.766E+04	4.24	3.742E+04	4.85	3.704E+04	5.82
38	7.144E+03	3.970E+04	3.764E+04	5.19	3.740E+04	5.80	3.701E+04	6.77
39	7.145E+03	3.984E+04	3.763E+04	5.56	3.739E+04	6.16	3.700E+04	7.12
40	7.146E+03	3.999E+04	3.761E+04	5.95	3.737E+04	6.54	3.699E+04	7.50
41	7.148E+03	4.063E+04	3.759E+04	7.49	3.735E+04	8.08	3.696E+04	9.02
42	7.150E+03	4.187E+04	3.756E+04	10.29	3.732E+04	10.86	3.694E+04	11.78
43	7.152E+03	4.213E+04	3.754E+04	10.90	3.730E+04	11.47	3.691E+04	12.38
44	7.154E+03	4.180E+04	3.751E+04	10.26	3.727E+04	10.83	3.689E+04	11.75
45	7.155E+03	4.200E+04	3.750E+04	10.72	3.726E+04	11.29	3.688E+04	12.20
46	7.156E+03	4.172E+04	3.749E+04	10.15	3.725E+04	10.72	3.686E+04	11.64
47	7.158E+03	4.172E+04	3.746E+04	10.21	3.722E+04	10.78	3.684E+04	11.70
48	7.160E+03	4.172E+04	3.744E+04	10.27	3.720E+04	10.84	3.681E+04	11.76
49	7.162E+03	4.168E+04	3.741E+04	10.24	3.717E+04	10.82	3.679E+04	11.73
50	7.164E+03	4.125E+04	3.739E+04	9.37	3.715E+04	9.95	3.676E+04	10.87
51	7.165E+03	4.152E+04	3.737E+04	9.99	3.713E+04	10.56	3.675E+04	11.48
52	7.166E+03	4.058E+04	3.736E+04	7.93	3.712E+04	8.52	3.674E+04	9.46
53	7.168E+03	4.058E+04	3.734E+04	8.00	3.710E+04	8.58	3.671E+04	9.52
54	7.170E+03	4.060E+04	3.731E+04	8.10	3.707E+04	8.69	3.669E+04	9.63
55	7.172E+03	4.021E+04	3.728E+04	7.27	3.705E+04	7.87	3.667E+04	8.82

56	7.174E+03	3.962E+04	3.726E+04	5.96	3.702E+04	6.56	3.664E+04	7.52
57	7.175E+03	3.940E+04	3.725E+04	5.46	3.701E+04	6.07	3.663E+04	7.03
58	7.176E+03	3.946E+04	3.723E+04	5.64	3.700E+04	6.24	3.662E+04	7.21
59	7.178E+03	3.902E+04	3.721E+04	4.64	3.697E+04	5.25	3.659E+04	6.22
60	7.180E+03	3.865E+04	3.718E+04	3.79	3.695E+04	4.41	3.657E+04	5.39
61	7.182E+03	3.861E+04	3.716E+04	3.76	3.692E+04	4.37	3.654E+04	5.36
62	7.184E+03	3.882E+04	3.713E+04	4.34	3.690E+04	4.96	3.652E+04	5.93
63	7.185E+03	3.944E+04	3.712E+04	5.88	3.688E+04	6.48	3.651E+04	7.44
64	7.186E+03	3.931E+04	3.711E+04	5.60	3.687E+04	6.20	3.649E+04	7.17
65	7.188E+03	3.999E+04	3.708E+04	7.27	3.685E+04	7.86	3.647E+04	8.81
66	7.190E+03	4.047E+04	3.706E+04	8.43	3.682E+04	9.01	3.644E+04	9.95
67	7.192E+03	4.100E+04	3.703E+04	9.68	3.680E+04	10.25	3.642E+04	11.17
68	7.194E+03	4.133E+04	3.701E+04	10.46	3.677E+04	11.03	3.639E+04	11.94
69	7.195E+03	4.050E+04	3.700E+04	8.65	3.676E+04	9.24	3.638E+04	10.17
70	7.196E+03	4.108E+04	3.698E+04	9.97	3.675E+04	10.55	3.637E+04	11.46
71	7.198E+03	4.011E+04	3.696E+04	7.86	3.672E+04	8.45	3.635E+04	9.38
72	7.200E+03	3.978E+04	3.693E+04	7.16	3.670E+04	7.75	3.632E+04	8.69
73	7.202E+03	3.914E+04	3.691E+04	5.71	3.667E+04	6.30	3.630E+04	7.26
74	7.204E+03	3.849E+04	3.688E+04	4.18	3.665E+04	4.78	3.627E+04	5.76
75	7.205E+03	3.864E+04	3.687E+04	4.58	3.664E+04	5.19	3.626E+04	6.16
76	7.206E+03	3.834E+04	3.686E+04	3.87	3.662E+04	4.48	3.625E+04	5.46
77	7.208E+03	3.836E+04	3.683E+04	3.98	3.660E+04	4.59	3.622E+04	5.57
78	7.210E+03	3.909E+04	3.681E+04	5.84	3.657E+04	6.43	3.620E+04	7.39
79	7.212E+03	4.011E+04	3.678E+04	8.30	3.655E+04	8.88	3.618E+04	9.81
80	7.214E+03	4.117E+04	3.676E+04	10.72	3.653E+04	11.28	3.615E+04	12.19
81	7.215E+03	4.273E+04	3.674E+04	14.01	3.651E+04	14.55	3.614E+04	15.42
82	7.216E+03	4.311E+04	3.673E+04	14.80	3.650E+04	15.33	3.613E+04	16.20
83	7.218E+03	4.363E+04	3.671E+04	15.87	3.648E+04	16.40	3.610E+04	17.25
84	7.220E+03	4.433E+04	3.668E+04	17.26	3.645E+04	17.77	3.608E+04	18.61
85	7.222E+03	4.391E+04	3.666E+04	16.52	3.643E+04	17.04	3.605E+04	17.89
86	7.224E+03	4.331E+04	3.663E+04	15.42	3.640E+04	15.95	3.603E+04	16.81
87	7.225E+03	4.236E+04	3.662E+04	13.56	3.639E+04	14.09	3.602E+04	14.97
88	7.226E+03	4.213E+04	3.660E+04	13.11	3.638E+04	13.65	3.601E+04	14.54
89	7.228E+03	4.083E+04	3.658E+04	10.41	3.635E+04	10.96	3.598E+04	11.87
90	7.230E+03	4.000E+04	3.655E+04	8.61	3.633E+04	9.18	3.596E+04	10.11
91	7.232E+03	3.875E+04	3.653E+04	5.73	3.631E+04	6.31	3.593E+04	7.27
92	7.234E+03	3.807E+04	3.651E+04	4.11	3.628E+04	4.70	3.591E+04	5.67
93	7.235E+03	3.756E+04	3.649E+04	2.84	3.627E+04	3.44	3.590E+04	4.43
94	7.236E+03	3.734E+04	3.648E+04	2.30	3.626E+04	2.90	3.589E+04	3.89
95	7.238E+03	3.722E+04	3.646E+04	2.05	3.623E+04	2.65	3.586E+04	3.65
96	7.240E+03	3.707E+04	3.643E+04	1.72	3.621E+04	2.32	3.584E+04	3.32
97	7.245E+03	3.803E+04	3.637E+04	4.36	3.615E+04	4.95	3.578E+04	5.92
98	7.250E+03	3.791E+04	3.631E+04	4.21	3.609E+04	4.81	3.572E+04	5.78
99	7.255E+03	3.788E+04	3.625E+04	4.30	3.603E+04	4.89	3.566E+04	5.86
100	7.260E+03	3.846E+04	3.619E+04	5.90	3.597E+04	6.48	3.560E+04	7.44
101	7.265E+03	3.864E+04	3.613E+04	6.49	3.591E+04	7.07	3.554E+04	8.02
102	7.270E+03	3.967E+04	3.607E+04	9.07	3.585E+04	9.64	3.548E+04	10.56
103	7.275E+03	4.030E+04	3.601E+04	10.64	3.579E+04	11.20	3.542E+04	12.10
104	7.280E+03	4.076E+04	3.595E+04	11.80	3.573E+04	12.35	3.536E+04	13.24
105	7.285E+03	4.133E+04	3.589E+04	13.16	3.567E+04	13.70	3.530E+04	14.58
106	7.290E+03	4.085E+04	3.583E+04	12.29	3.561E+04	12.83	3.525E+04	13.72
107	7.295E+03	3.976E+04	3.577E+04	10.04	3.555E+04	10.59	3.519E+04	11.50
108	7.300E+03	3.838E+04	3.571E+04	6.96	3.549E+04	7.53	3.513E+04	8.47



109	7.305E+03	3.764E+04	3.565E+04	5.29	3.543E+04	5.87	3.507E+04	6.83
110	7.310E+03	3.713E+04	3.559E+04	4.16	3.537E+04	4.73	3.501E+04	5.70
111	7.315E+03	3.702E+04	3.553E+04	4.04	3.531E+04	4.61	3.495E+04	5.58
112	7.320E+03	3.677E+04	3.547E+04	3.55	3.526E+04	4.12	3.490E+04	5.09
113	7.325E+03	3.677E+04	3.541E+04	3.71	3.520E+04	4.28	3.484E+04	5.25
114	7.330E+03	3.670E+04	3.535E+04	3.68	3.514E+04	4.25	3.478E+04	5.23
115	7.335E+03	3.643E+04	3.529E+04	3.13	3.508E+04	3.70	3.472E+04	4.68
116	7.340E+03	3.615E+04	3.523E+04	2.54	3.502E+04	3.12	3.467E+04	4.10
117	7.345E+03	3.729E+04	3.517E+04	5.68	3.496E+04	6.24	3.461E+04	7.19
118	7.350E+03	3.770E+04	3.512E+04	6.86	3.491E+04	7.41	3.455E+04	8.35
119	7.355E+03	3.868E+04	3.506E+04	9.37	3.485E+04	9.90	3.450E+04	10.82
120	7.360E+03	3.911E+04	3.500E+04	10.51	3.479E+04	11.04	3.444E+04	11.94
121	7.365E+03	3.907E+04	3.494E+04	10.57	3.473E+04	11.10	3.438E+04	12.00
122	7.370E+03	3.871E+04	3.488E+04	9.89	3.468E+04	10.42	3.433E+04	11.33
123	7.375E+03	3.779E+04	3.482E+04	7.85	3.462E+04	8.39	3.427E+04	9.32
124	7.380E+03	3.631E+04	3.477E+04	4.25	3.456E+04	4.81	3.421E+04	5.78
125	7.385E+03	3.578E+04	3.471E+04	2.99	3.451E+04	3.56	3.416E+04	4.54
126	7.390E+03	3.517E+04	3.465E+04	1.48	3.445E+04	2.05	3.410E+04	3.04
127	7.395E+03	3.526E+04	3.459E+04	1.89	3.439E+04	2.46	3.404E+04	3.45
128	7.400E+03	3.544E+04	3.453E+04	2.56	3.434E+04	3.11	3.399E+04	4.10
129	7.405E+03	3.532E+04	3.448E+04	2.39	3.428E+04	2.94	3.393E+04	3.93
130	7.410E+03	3.538E+04	3.442E+04	2.72	3.422E+04	3.27	3.388E+04	4.25
131	7.415E+03	3.586E+04	3.436E+04	4.18	3.417E+04	4.72	3.382E+04	5.68
132	7.420E+03	3.557E+04	3.430E+04	3.56	3.411E+04	4.10	3.377E+04	5.07
133	7.425E+03	3.562E+04	3.425E+04	3.86	3.406E+04	4.39	3.371E+04	5.36
134	7.430E+03	3.535E+04	3.419E+04	3.28	3.400E+04	3.82	3.366E+04	4.79
135	7.435E+03	3.549E+04	3.413E+04	3.82	3.394E+04	4.35	3.360E+04	5.32
136	7.440E+03	3.582E+04	3.408E+04	4.86	3.389E+04	5.39	3.355E+04	6.35
137	7.445E+03	3.617E+04	3.402E+04	5.94	3.383E+04	6.46	3.349E+04	7.40
138	7.450E+03	3.634E+04	3.397E+04	6.53	3.378E+04	7.05	3.344E+04	7.99
139	7.455E+03	3.659E+04	3.391E+04	7.32	3.372E+04	7.83	3.338E+04	8.77
140	7.460E+03	3.659E+04	3.386E+04	7.47	3.367E+04	7.99	3.333E+04	8.91
141	7.465E+03	3.612E+04	3.380E+04	6.42	3.361E+04	6.94	3.327E+04	7.88
142	7.470E+03	3.577E+04	3.374E+04	5.66	3.356E+04	6.18	3.322E+04	7.13
143	7.475E+03	3.559E+04	3.369E+04	5.34	3.350E+04	5.86	3.317E+04	6.81
144	7.480E+03	3.530E+04	3.363E+04	4.72	3.345E+04	5.24	3.311E+04	6.20
145	7.485E+03	3.498E+04	3.358E+04	4.01	3.339E+04	4.53	3.306E+04	5.49
146	7.490E+03	3.442E+04	3.352E+04	2.61	3.334E+04	3.14	3.300E+04	4.11
147	7.495E+03	3.400E+04	3.347E+04	1.57	3.329E+04	2.10	3.295E+04	3.09
148	7.500E+03	3.411E+04	3.341E+04	2.05	3.323E+04	2.57	3.290E+04	3.56
149	7.505E+03	3.429E+04	3.335E+04	2.73	3.318E+04	3.24	3.284E+04	4.22
150	7.510E+03	3.406E+04	3.330E+04	2.24	3.312E+04	2.75	3.279E+04	3.73
151	7.515E+03	3.402E+04	3.324E+04	2.29	3.307E+04	2.79	3.274E+04	3.77
152	7.520E+03	3.406E+04	3.319E+04	2.56	3.302E+04	3.06	3.268E+04	4.04
153	7.525E+03	3.415E+04	3.313E+04	2.97	3.296E+04	3.47	3.263E+04	4.45
154	7.530E+03	3.432E+04	3.308E+04	3.61	3.291E+04	4.11	3.258E+04	5.07
155	7.535E+03	3.434E+04	3.303E+04	3.82	3.286E+04	4.32	3.253E+04	5.28
156	7.540E+03	3.424E+04	3.297E+04	3.70	3.280E+04	4.20	3.247E+04	5.16
157	7.545E+03	3.444E+04	3.292E+04	4.41	3.275E+04	4.91	3.242E+04	5.86
158	7.550E+03	3.438E+04	3.287E+04	4.40	3.270E+04	4.89	3.237E+04	5.85
159	7.555E+03	3.434E+04	3.281E+04	4.45	3.264E+04	4.94	3.232E+04	5.89
160	7.560E+03	3.467E+04	3.276E+04	5.51	3.259E+04	5.99	3.226E+04	6.94
161	7.565E+03	3.461E+04	3.271E+04	5.50	3.254E+04	5.98	3.221E+04	6.93

162	7.570E+03	3.452E+04	3.265E+04	5.41	3.249E+04	5.89	3.216E+04	6.84
163	7.575E+03	3.432E+04	3.260E+04	5.02	3.243E+04	5.49	3.211E+04	6.44
164	7.580E+03	3.422E+04	3.255E+04	4.89	3.238E+04	5.37	3.206E+04	6.32
165	7.585E+03	3.407E+04	3.249E+04	4.63	3.233E+04	5.11	3.201E+04	6.06
166	7.590E+03	3.373E+04	3.244E+04	3.83	3.228E+04	4.31	3.195E+04	5.27
167	7.595E+03	3.341E+04	3.238E+04	3.07	3.223E+04	3.55	3.190E+04	4.51
168	7.600E+03	3.360E+04	3.233E+04	3.78	3.217E+04	4.24	3.185E+04	5.20
169	7.605E+03	3.316E+04	3.228E+04	2.66	3.212E+04	3.13	3.180E+04	4.10
170	7.610E+03	3.311E+04	3.222E+04	2.68	3.207E+04	3.14	3.175E+04	4.11
171	7.615E+03	3.349E+04	3.217E+04	3.94	3.202E+04	4.39	3.170E+04	5.35
172	7.620E+03	3.314E+04	3.212E+04	3.08	3.197E+04	3.54	3.165E+04	4.50
173	7.625E+03	3.314E+04	3.207E+04	3.24	3.192E+04	3.69	3.160E+04	4.66
174	7.630E+03	3.293E+04	3.202E+04	2.77	3.186E+04	3.24	3.155E+04	4.20
175	7.635E+03	3.281E+04	3.196E+04	2.58	3.181E+04	3.04	3.150E+04	4.01
176	7.640E+03	3.269E+04	3.191E+04	2.38	3.176E+04	2.84	3.144E+04	3.81
177	7.645E+03	3.264E+04	3.186E+04	2.38	3.171E+04	2.84	3.139E+04	3.82
178	7.650E+03	3.248E+04	3.181E+04	2.06	3.166E+04	2.52	3.134E+04	3.50
179	7.655E+03	3.252E+04	3.176E+04	2.34	3.161E+04	2.80	3.129E+04	3.77
180	7.660E+03	3.242E+04	3.171E+04	2.20	3.156E+04	2.65	3.124E+04	3.63
181	7.665E+03	3.237E+04	3.166E+04	2.20	3.151E+04	2.66	3.119E+04	3.63
182	7.670E+03	3.274E+04	3.160E+04	3.47	3.146E+04	3.91	3.114E+04	4.87
183	7.675E+03	3.271E+04	3.155E+04	3.54	3.141E+04	3.98	3.109E+04	4.94
184	7.680E+03	3.267E+04	3.150E+04	3.57	3.136E+04	4.02	3.104E+04	4.97
185	7.685E+03	3.250E+04	3.145E+04	3.23	3.131E+04	3.67	3.100E+04	4.63
186	7.690E+03	3.260E+04	3.140E+04	3.68	3.126E+04	4.12	3.095E+04	5.07
187	7.695E+03	3.254E+04	3.135E+04	3.66	3.121E+04	4.09	3.090E+04	5.05
188	7.700E+03	3.232E+04	3.130E+04	3.17	3.116E+04	3.60	3.085E+04	4.56
189	7.705E+03	3.230E+04	3.125E+04	3.27	3.111E+04	3.69	3.080E+04	4.65
190	7.710E+03	3.203E+04	3.119E+04	2.61	3.106E+04	3.03	3.075E+04	4.00
191	7.715E+03	3.219E+04	3.114E+04	3.25	3.101E+04	3.67	3.070E+04	4.63
192	7.720E+03	3.198E+04	3.109E+04	2.77	3.096E+04	3.19	3.065E+04	4.16
193	7.725E+03	3.184E+04	3.104E+04	2.50	3.091E+04	2.92	3.060E+04	3.89
194	7.730E+03	3.182E+04	3.100E+04	2.59	3.086E+04	3.01	3.055E+04	3.98
195	7.735E+03	3.170E+04	3.095E+04	2.38	3.081E+04	2.80	3.051E+04	3.77
196	7.740E+03	3.176E+04	3.090E+04	2.72	3.076E+04	3.14	3.046E+04	4.10
197	7.745E+03	3.151E+04	3.085E+04	2.10	3.071E+04	2.53	3.041E+04	3.50
198	7.750E+03	3.147E+04	3.080E+04	2.14	3.067E+04	2.56	3.036E+04	3.53
199	7.755E+03	3.145E+04	3.075E+04	2.23	3.062E+04	2.65	3.031E+04	3.62
200	7.760E+03	3.154E+04	3.070E+04	2.67	3.057E+04	3.08	3.026E+04	4.05
201	7.765E+03	3.138E+04	3.065E+04	2.33	3.052E+04	2.74	3.022E+04	3.71
202	7.770E+03	3.139E+04	3.060E+04	2.52	3.047E+04	2.93	3.017E+04	3.89
203	7.775E+03	3.122E+04	3.055E+04	2.14	3.042E+04	2.55	3.012E+04	3.52
204	8.000E+03	2.901E+04	2.844E+04	1.97	2.834E+04	2.31	2.806E+04	3.28
205	8.398E+03	2.556E+04	2.514E+04	1.63	2.506E+04	1.96	2.481E+04	2.93
206	9.000E+03	2.098E+04	2.104E+04	-.28	2.093E+04	.22	2.073E+04	1.21
207	1.000E+04	1.597E+04	1.596E+04	.08	1.583E+04	.88	1.567E+04	1.88

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
27	874	16	67CA1	12	4.95E+00	4.99E+00	5.78E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR



1	1.490E+03	3.906E+05	3.642E+05	6.76	3.678E+05	5.83	3.508E+05	10.20
2	2.040E+03	1.661E+05	1.639E+05	1.33	1.654E+05	.42	1.581E+05	4.80
3	2.310E+03	1.226E+05	1.180E+05	3.72	1.196E+05	2.42	1.145E+05	6.62
4	2.980E+03	6.136E+04	5.953E+04	2.99	6.105E+04	.51	5.855E+04	4.58
5	3.440E+03	3.885E+04	4.029E+04	-3.70	4.158E+04	-7.03	3.993E+04	-2.78
6	4.010E+03	2.740E+04	2.652E+04	3.22	2.750E+04	-.38	2.645E+04	3.47
7	4.950E+03	1.515E+04	1.493E+04	1.44	1.552E+04	-2.43	1.495E+04	1.30
8	5.900E+03	9.756E+03	9.281E+03	4.87	9.603E+03	1.57	9.270E+03	4.99
9	6.930E+03	6.273E+03	6.028E+03	3.91	6.178E+03	1.52	5.972E+03	4.79
10	7.480E+03	4.658E+03	4.922E+03	-5.67	5.008E+03	-7.52	4.846E+03	-4.04
11	8.050E+03	3.210E+04	3.108E+04	3.18	3.130E+04	2.48	3.100E+04	3.43
12	9.570E+03	1.810E+04	2.006E+04	-10.81	2.021E+04	-11.64	2.001E+04	-10.58

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
27	875	16	68H01	10	5.92E+00	3.79E+00	6.16E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.692E+03	3.600E+04	3.322E+04	7.71	3.438E+04	4.50	3.304E+04	8.23	
2	4.512E+03	2.067E+04	1.922E+04	7.02	1.997E+04	3.38	1.923E+04	6.98	
3	4.953E+03	1.591E+04	1.491E+04	6.30	1.549E+04	2.62	1.493E+04	6.17	
4	5.414E+03	1.244E+04	1.171E+04	5.88	1.215E+04	2.33	1.172E+04	5.81	
5	5.898E+03	9.760E+03	9.289E+03	4.83	9.612E+03	1.51	9.278E+03	4.94	
6	6.404E+03	7.800E+03	7.444E+03	4.56	7.671E+03	1.65	7.411E+03	4.99	
7	6.930E+03	6.220E+03	6.028E+03	3.09	6.178E+03	.68	5.972E+03	3.98	
8	7.478E+03	4.990E+03	4.926E+03	1.29	5.012E+03	-.44	4.850E+03	2.81	
9	8.040E+03	3.455E+04	3.117E+04	9.77	3.140E+04	9.12	3.109E+04	10.00	
10	8.640E+03	2.715E+04	2.605E+04	4.06	2.625E+04	3.32	2.599E+04	4.26	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
27	876	4	65C01	2	1.75E+00	1.84E+00	2.15E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.404E+03	7.633E+03	7.444E+03	2.47	7.671E+03	-.50	7.411E+03	2.91	
2	6.930E+03	6.024E+03	6.028E+03	-.06	6.178E+03	-2.55	5.972E+03	.86	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
27	877	10	59H01	7	1.48E+01	1.36E+01	1.52E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.410E+03	9.881E+03	7.425E+03	24.85	7.652E+03	22.56	7.392E+03	25.19	
2	7.000E+03	7.239E+03	5.869E+03	18.92	6.009E+03	16.99	5.811E+03	19.73	
3	7.600E+03	4.794E+03	4.719E+03	1.56	4.794E+03	.00	4.639E+03	3.23	
4	7.800E+03	3.727E+04	3.358E+04	9.89	3.381E+04	9.28	3.348E+04	10.16	
5	8.050E+03	3.541E+04	3.108E+04	12.23	3.130E+04	11.60	3.100E+04	12.46	
6	8.500E+03	3.150E+04	2.714E+04	13.84	2.735E+04	13.18	2.708E+04	14.02	
7	8.920E+03	2.700E+04	2.402E+04	11.02	2.421E+04	10.33	2.398E+04	11.20	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
27	878	3	64KAL	1	7.38E+00	6.72E+00	7.63E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	3.366E+04	3.117E+04	7.38	3.140E+04	6.72	3.109E+04	7.63	

IZ= 28

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
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28	893	15	67ER2	4	4.75E+01	4.90E+01	4.24E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	5.980E+05	1.044E+06	-74.54	1.061E+06	-77.48	1.011E+06	-69.02		
2	1.188E+03	5.760E+05	7.233E+05	-25.57	7.254E+05	-25.95	6.916E+05	-20.06		
3	1.254E+03	4.540E+05	6.348E+05	-39.82	6.375E+05	-40.42	6.079E+05	-33.91		
4	1.487E+03	3.100E+05	4.181E+05	-34.88	4.217E+05	-36.02	4.026E+05	-29.86		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	895	22	28J01	19	6.65E+01	1.72E+01	1.48E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	4.426E+05	6.323E+05	-42.86	6.351E+05	-43.49	6.056E+05	-36.84		
2	1.490E+03	3.061E+05	4.160E+05	-35.90	4.196E+05	-37.07	4.006E+05	-30.87		
3	1.780E+03	1.950E+05	2.647E+05	-35.77	2.689E+05	-37.91	2.571E+05	-31.84		
4	2.300E+03	1.219E+05	1.362E+05	-11.74	1.391E+05	-14.11	1.332E+05	-9.31		
5	2.840E+03	7.165E+04	7.826E+04	-9.22	7.996E+04	-11.59	7.673E+04	-7.09		
6	2.990E+03	6.112E+04	6.831E+04	-11.77	6.976E+04	-14.13	6.697E+04	-9.57		
7	3.700E+03	3.743E+04	3.885E+04	-3.78	3.946E+04	-5.42	3.795E+04	-1.40		
8	4.100E+03	3.110E+04	2.956E+04	4.96	2.992E+04	3.79	2.880E+04	7.38		
9	4.520E+03	2.330E+04	2.278E+04	2.23	2.298E+04	1.37	2.214E+04	4.97		
10	4.960E+03	1.755E+04	1.776E+04	-1.20	1.786E+04	-1.75	1.722E+04	1.88		
11	6.410E+03	9.193E+03	8.879E+03	3.41	8.864E+03	3.57	8.569E+03	6.79		
12	6.940E+03	7.380E+03	7.142E+03	3.22	7.131E+03	3.37	6.898E+03	6.53		
13	7.480E+03	5.917E+03	5.807E+03	1.85	5.806E+03	1.87	5.620E+03	5.01		
14	8.050E+03	4.689E+03	4.732E+03	-.91	4.745E+03	-1.20	4.597E+03	1.95		
15	8.280E+03	4.553E+03	1.735E+04	-281.11	4.391E+03	3.55	4.256E+03	6.52		
16	8.650E+03	3.334E+04	2.954E+04	11.40	2.927E+04	12.21	2.900E+04	13.02		
17	8.920E+03	2.944E+04	2.737E+04	7.02	2.713E+04	7.86	2.688E+04	8.70		
18	9.200E+03	2.681E+04	2.534E+04	5.49	2.512E+04	6.30	2.489E+04	7.15		
19	9.590E+03	2.398E+04	2.281E+04	4.87	2.264E+04	5.58	2.244E+04	6.42		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	896	10	79L01	8	3.29E+00	3.71E+00	2.96E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.490E+03	3.836E+05	4.160E+05	-8.44	4.196E+05	-9.38	4.006E+05	-4.43		
2	1.740E+03	2.806E+05	2.807E+05	-.04	2.849E+05	-1.52	2.723E+05	2.97		
3	2.010E+03	1.973E+05	1.935E+05	1.95	1.971E+05	.08	1.886E+05	4.39		
4	2.310E+03	1.355E+05	1.347E+05	.61	1.375E+05	-1.50	1.318E+05	2.76		
5	2.620E+03	9.730E+04	9.678E+04	.53	9.892E+04	-1.66	9.486E+04	2.51		
6	3.440E+03	4.750E+04	4.713E+04	.77	4.798E+04	-1.02	4.612E+04	2.90		
7	4.510E+03	2.230E+04	2.292E+04	-2.77	2.312E+04	-3.67	2.228E+04	.11		
8	8.610E+03	2.940E+04	2.988E+04	-1.64	2.961E+04	-.70	2.933E+04	.23		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	897	17	67CA1	12	3.37E+00	3.17E+00	5.44E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.490E+03	4.442E+05	4.160E+05	6.35	4.196E+05	5.54	4.006E+05	9.82		
2	2.040E+03	1.891E+05	1.862E+05	1.52	1.898E+05	-.35	1.816E+05	3.96		
3	2.310E+03	1.400E+05	1.347E+05	3.81	1.375E+05	1.76	1.318E+05	5.89		
4	2.980E+03	6.629E+04	6.893E+04	-3.98	7.038E+04	-6.17	6.757E+04	-1.92		
5	3.440E+03	4.884E+04	4.713E+04	3.49	4.798E+04	1.75	4.612E+04	5.56		
6	4.010E+03	3.275E+04	3.136E+04	4.25	3.177E+04	3.00	3.058E+04	6.63		
7	4.950E+03	1.833E+04	1.786E+04	2.57	1.795E+04	2.05	1.731E+04	5.54		
8	5.900E+03	1.114E+04	1.113E+04	.13	1.112E+04	.17	1.074E+04	3.56		

9	6.930E+03	7.419E+03	7.171E+03	3.34	7.159E+03	3.50	6.925E+03	6.65
10	8.050E+03	4.777E+03	4.732E+03	.95	4.745E+03	.67	4.597E+03	3.76
11	8.640E+03	3.071E+04	2.963E+04	3.53	2.935E+04	4.42	2.908E+04	5.30
12	9.570E+03	2.262E+04	2.293E+04	-1.39	2.276E+04	-.62	2.256E+04	.28

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	898	18	66HU1	15	3.35E+00	2.15E+00	5.63E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.740E+03	2.915E+05	2.807E+05	3.70	2.849E+05	2.28	2.723E+05	6.60		
2	1.923E+03	2.252E+05	2.169E+05	3.67	2.208E+05	1.93	2.113E+05	6.19		
3	2.042E+03	1.930E+05	1.857E+05	3.76	1.893E+05	1.92	1.812E+05	6.14		
4	2.166E+03	1.689E+05	1.593E+05	5.67	1.626E+05	3.76	1.556E+05	7.85		
5	2.293E+03	1.411E+05	1.373E+05	2.69	1.402E+05	.63	1.343E+05	4.82		
6	2.839E+03	8.101E+04	7.833E+04	3.31	8.003E+04	1.21	7.680E+04	5.20		
7	2.984E+03	7.019E+04	6.868E+04	2.15	7.013E+04	.09	6.733E+04	4.08		
8	3.304E+03	5.508E+04	5.246E+04	4.76	5.345E+04	2.95	5.136E+04	6.75		
9	3.444E+03	4.972E+04	4.699E+04	5.50	4.783E+04	3.79	4.598E+04	7.52		
10	4.511E+03	2.340E+04	2.290E+04	2.12	2.311E+04	1.26	2.226E+04	4.86		
11	5.415E+03	1.418E+04	1.403E+04	1.07	1.406E+04	.86	1.357E+04	4.31		
12	6.404E+03	8.969E+03	8.902E+03	.75	8.887E+03	.91	8.591E+03	4.21		
13	7.478E+03	5.976E+03	5.812E+03	2.75	5.811E+03	2.77	5.625E+03	5.88		
14	8.048E+03	4.835E+03	4.735E+03	2.07	4.748E+03	1.79	4.600E+03	4.85		
15	9.442E+03	2.398E+04	2.373E+04	1.04	2.354E+04	1.82	2.333E+04	2.70		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	899	2	74SI1	2	5.72E+00	3.87E+00	7.83E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.043E+03	1.981E+05	1.855E+05	6.36	1.890E+05	4.57	1.809E+05	8.67		
2	2.984E+03	7.230E+04	6.868E+04	5.00	7.013E+04	3.00	6.733E+04	6.88		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	900	19	68HO1	13	3.05E+00	2.10E+00	4.83E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.166E+03	1.622E+05	1.593E+05	1.77	1.626E+05	-.22	1.556E+05	4.04		
2	2.308E+03	1.435E+05	1.350E+05	5.94	1.378E+05	3.94	1.321E+05	7.98		
3	2.622E+03	1.019E+05	9.659E+04	5.21	9.872E+04	3.12	9.467E+04	7.10		
4	3.314E+03	5.445E+04	5.203E+04	4.44	5.302E+04	2.62	5.095E+04	6.42		
5	3.692E+03	4.094E+04	3.907E+04	4.57	3.969E+04	3.06	3.817E+04	6.76		
6	4.512E+03	2.334E+04	2.289E+04	1.93	2.309E+04	1.06	2.225E+04	4.68		
7	4.953E+03	1.802E+04	1.783E+04	1.06	1.793E+04	.53	1.729E+04	4.07		
8	5.898E+03	1.102E+04	1.114E+04	-1.05	1.113E+04	-1.01	1.075E+04	2.42		
9	6.404E+03	8.970E+03	8.902E+03	.76	8.887E+03	.92	8.591E+03	4.22		
10	6.930E+03	7.130E+03	7.171E+03	-.58	7.159E+03	-.41	6.925E+03	2.87		
11	7.478E+03	5.715E+03	5.812E+03	-1.69	5.811E+03	-1.67	5.625E+03	1.58		
12	8.040E+03	4.675E+03	4.748E+03	-1.56	4.761E+03	-1.85	4.613E+03	1.33		
13	8.640E+03	3.010E+04	2.963E+04	1.57	2.935E+04	2.48	2.908E+04	3.38		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	901	11	60CH1	11	3.31E+00	3.47E+00	5.28E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.312E+03	1.276E+05	1.344E+05	-5.31	1.372E+05	-7.54	1.315E+05	-3.03		
2	2.627E+03	9.764E+04	9.610E+04	1.58	9.822E+04	-.60	9.420E+04	3.53		
3	3.318E+03	5.378E+04	5.186E+04	3.56	5.285E+04	1.72	5.079E+04	5.56		



4	3.697E+03	3.970E+04	3.893E+04	1.94	3.954E+04	.39	3.804E+04	4.19
5	4.516E+03	2.415E+04	2.284E+04	5.44	2.304E+04	4.61	2.220E+04	8.09
6	5.420E+03	1.446E+04	1.399E+04	3.23	1.402E+04	3.03	1.353E+04	6.40
7	5.904E+03	1.139E+04	1.110E+04	2.50	1.110E+04	2.54	1.072E+04	5.86
8	6.409E+03	8.976E+03	8.883E+03	1.04	8.868E+03	1.20	8.573E+03	4.49
9	7.484E+03	5.817E+03	5.799E+03	.31	5.798E+03	.33	5.612E+03	3.52
10	8.053E+03	4.819E+03	4.727E+03	1.91	4.740E+03	1.63	4.593E+03	4.70
11	8.644E+03	3.105E+04	2.959E+04	4.70	2.932E+04	5.58	2.905E+04	6.45

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	902	12	26AL1	6	2.95E+00	3.33E+00	4.13E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.410E+03	8.770E+03	8.879E+03	-1.24	8.864E+03	-1.08	8.569E+03	2.29	
2	7.040E+03	6.730E+03	6.866E+03	-2.02	6.857E+03	-1.89	6.634E+03	1.43	
3	7.490E+03	5.850E+03	5.786E+03	1.10	5.785E+03	1.11	5.600E+03	4.27	
4	8.070E+03	4.630E+03	4.699E+03	-1.49	4.713E+03	-1.79	4.566E+03	1.38	
5	8.660E+03	3.149E+04	2.946E+04	6.46	2.919E+04	7.32	2.892E+04	8.17	
6	9.590E+03	2.310E+04	2.281E+04	1.25	2.264E+04	1.98	2.244E+04	2.86	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	905	11	69DA1	8	7.58E+01	2.80E+00	4.57E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	3.691E+03	4.092E+04	3.910E+04	4.46	3.972E+04	2.94	3.820E+04	6.64	
2	4.512E+03	2.373E+04	2.289E+04	3.54	2.309E+04	2.69	2.225E+04	6.24	
3	4.951E+03	1.812E+04	1.785E+04	1.50	1.795E+04	.97	1.730E+04	4.50	
4	5.412E+03	1.404E+04	1.405E+04	-.06	1.408E+04	-.28	1.359E+04	3.21	
5	6.401E+03	8.765E+03	8.914E+03	-1.69	8.899E+03	-1.52	8.602E+03	1.86	
6	8.265E+03	4.291E+03	1.348E+04	-214.15	4.413E+03	-2.85	4.277E+03	.32	
7	8.634E+03	3.119E+04	2.968E+04	4.85	2.940E+04	5.73	2.913E+04	6.60	
8	9.574E+03	2.310E+04	2.291E+04	.83	2.274E+04	1.57	2.253E+04	2.45	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	906	9	9BA1	6	1.34E+01	1.31E+01	1.23E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.410E+03	1.258E+04	1.406E+04	-11.79	1.409E+04	-12.03	1.360E+04	-8.13	
2	6.400E+03	8.169E+03	8.917E+03	-9.16	8.902E+03	-8.98	8.606E+03	-5.35	
3	6.930E+03	6.551E+03	7.171E+03	-9.46	7.159E+03	-9.29	6.925E+03	-5.71	
4	7.480E+03	5.488E+03	5.807E+03	-5.82	5.806E+03	-5.80	5.620E+03	-2.41	
5	8.050E+03	6.112E+03	4.732E+03	22.58	4.745E+03	22.36	4.597E+03	24.78	
6	8.640E+03	2.583E+04	2.963E+04	-14.70	2.935E+04	-13.64	2.908E+04	-12.59	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	907	6	65CO1	4	1.10E+00	9.49E-01	3.79E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.415E+03	1.428E+04	1.403E+04	1.77	1.406E+04	1.56	1.357E+04	4.98	
2	6.404E+03	8.920E+03	8.902E+03	.20	8.887E+03	.37	8.591E+03	3.69	
3	6.930E+03	7.097E+03	7.171E+03	-1.04	7.159E+03	-.88	6.925E+03	2.42	
4	8.048E+03	4.773E+03	4.735E+03	.80	4.748E+03	.51	4.600E+03	3.61	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	908	46	41LA1	8	1.14E+00	1.13E+00	2.92E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.907E+03	1.095E+04	1.109E+04	-1.27	1.108E+04	-1.23	1.071E+04	2.21	

2	6.412E+03	8.778E+03	8.871E+03	-1.06	8.857E+03	-.90	8.562E+03	2.46
3	6.939E+03	7.085E+03	7.145E+03	-.85	7.134E+03	-.69	6.901E+03	2.60
4	7.487E+03	5.884E+03	5.792E+03	1.56	5.791E+03	1.57	5.606E+03	4.72
5	8.057E+03	4.801E+03	4.720E+03	1.68	4.734E+03	1.40	4.586E+03	4.47
6	8.650E+03	2.977E+04	2.954E+04	.77	2.927E+04	1.68	2.900E+04	2.59
7	9.273E+03	2.469E+04	2.484E+04	-.59	2.463E+04	.24	2.441E+04	1.14
8	9.894E+03	2.088E+04	2.106E+04	-.88	2.092E+04	-.21	2.074E+04	.67

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	909	13	34GR1	4	2.14E+00	2.02E+00	4.48E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.911E+03	1.096E+04	1.107E+04	-1.00	1.106E+04	-.95	1.069E+04	2.48	
2	6.944E+03	7.076E+03	7.131E+03	-.77	7.120E+03	-.62	6.887E+03	2.67	
3	7.493E+03	5.914E+03	5.779E+03	2.28	5.779E+03	2.29	5.594E+03	5.41	
4	8.064E+03	4.875E+03	4.709E+03	3.41	4.723E+03	3.13	4.576E+03	6.14	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	910	21	32MA1	6	3.21E+00	3.68E+00	5.02E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.404E+03	9.070E+03	8.902E+03	1.85	8.887E+03	2.02	8.591E+03	5.28	
2	7.478E+03	6.040E+03	5.812E+03	3.78	5.811E+03	3.80	5.625E+03	6.88	
3	8.048E+03	4.610E+03	4.735E+03	-2.71	4.748E+03	-3.00	4.600E+03	.21	
4	8.398E+03	3.236E+04	3.177E+04	1.83	3.148E+04	2.70	3.119E+04	3.61	
5	8.639E+03	3.139E+04	2.963E+04	5.59	2.936E+04	6.46	2.909E+04	7.33	
6	9.713E+03	2.242E+04	2.208E+04	1.50	2.193E+04	2.20	2.173E+04	3.07	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	911	9	59HO1	6	2.93E+00	3.11E+00	4.82E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.410E+03	8.770E+03	8.879E+03	-1.24	8.864E+03	-1.08	8.569E+03	2.29	
2	7.500E+03	5.944E+03	5.764E+03	3.03	5.764E+03	3.03	5.580E+03	6.13	
3	8.220E+03	4.677E+03	4.462E+03	4.61	4.480E+03	4.21	4.342E+03	7.17	
4	8.400E+03	3.264E+04	3.175E+04	2.73	3.147E+04	3.60	3.117E+04	4.49	
5	8.500E+03	3.186E+04	3.084E+04	3.20	3.056E+04	4.08	3.028E+04	4.97	
6	8.920E+03	2.699E+04	2.737E+04	-1.42	2.713E+04	-.50	2.688E+04	.42	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	912	1	53HU1	1	1.03E+00	7.51E-01	3.84E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	4.786E+03	4.737E+03	1.03	4.750E+03	.75	4.602E+03	3.84	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	913	3	64KA1	1	7.03E+00	7.34E+00	3.99E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	4.436E+03	4.748E+03	-7.03	4.761E+03	-7.34	4.613E+03	-3.99	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
28	914	22	59DE1	5	2.08E+00	2.78E+00	3.58E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	4.691E+03	4.737E+03	-.97	4.750E+03	-1.26	4.602E+03	1.90	
2	8.396E+03	3.267E+04	3.179E+04	2.71	3.150E+04	3.57	3.121E+04	4.47	
3	8.904E+03	2.838E+04	2.749E+04	3.12	2.725E+04	3.99	2.700E+04	4.87	
4	9.670E+03	2.265E+04	2.233E+04	1.39	2.217E+04	2.11	2.198E+04	2.98	



5 9.885E+03 2.139E+04 2.111E+04 1.30 2.097E+04 1.95 2.079E+04 2.82

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
28	2101	7	81RA01	2	9.47E-01	8.73E-01	4.26E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.470E+03	1.382E+04	1.365E+04	1.23	1.368E+04	1.01	1.320E+04	4.49		
2	6.470E+03	8.703E+03	8.657E+03	.53	8.641E+03	.71	8.354E+03	4.01		

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	935	9	64CO3	5	1.90E+01	1.92E+01	2.27E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.170E+03	1.160E+06	8.274E+05	28.67	8.452E+05	27.14	8.064E+05	30.48		
2	1.234E+03	9.696E+05	7.556E+05	22.08	7.450E+05	23.16	7.111E+05	26.66		
3	1.359E+03	7.206E+05	6.019E+05	16.48	5.919E+05	17.86	5.653E+05	21.55		
4	1.540E+03	5.022E+05	4.407E+05	12.24	4.372E+05	12.94	4.180E+05	16.76		
5	1.739E+03	3.577E+05	3.251E+05	9.11	3.236E+05	9.53	3.097E+05	13.42		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	938	23	28JO1	20	3.40E+01	1.65E+01	1.38E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.043E+03	7.976E+05	1.006E+06	-26.10	9.942E+05	-24.64	9.430E+05	-18.23		
2	1.256E+03	5.310E+05	7.303E+05	-37.54	7.144E+05	-34.54	6.819E+05	-28.43		
3	1.490E+03	3.640E+05	4.787E+05	-31.50	4.739E+05	-30.20	4.530E+05	-24.45		
4	1.780E+03	2.240E+05	3.064E+05	-36.77	3.052E+05	-36.27	2.922E+05	-30.44		
5	2.300E+03	1.372E+05	1.582E+05	-15.32	1.586E+05	-15.61	1.521E+05	-10.89		
6	2.840E+03	7.702E+04	9.087E+04	-17.98	9.134E+04	-18.59	8.776E+04	-13.94		
7	2.990E+03	6.552E+04	7.929E+04	-21.01	7.972E+04	-21.67	7.663E+04	-16.95		
8	3.700E+03	4.262E+04	4.498E+04	-5.54	4.519E+04	-6.03	4.352E+04	-2.11		
9	4.100E+03	3.387E+04	3.418E+04	-.92	3.429E+04	-1.25	3.306E+04	2.40		
10	4.520E+03	2.764E+04	2.631E+04	4.80	2.635E+04	4.66	2.542E+04	8.02		
11	4.960E+03	2.131E+04	2.049E+04	3.83	2.048E+04	3.89	1.978E+04	7.19		
12	6.410E+03	1.055E+04	1.024E+04	2.97	1.018E+04	3.53	9.853E+03	6.61		
13	6.940E+03	9.031E+03	8.240E+03	8.76	8.187E+03	9.34	7.933E+03	12.16		
14	7.480E+03	6.868E+03	6.708E+03	2.33	6.667E+03	2.93	6.465E+03	5.87		
15	8.050E+03	5.317E+03	5.476E+03	-2.99	5.451E+03	-2.52	5.289E+03	.52		
16	8.280E+03	4.885E+03	5.064E+03	-3.67	5.046E+03	-3.29	4.897E+03	-.25		
17	8.650E+03	4.494E+03	4.483E+03	.25	4.476E+03	.40	4.346E+03	3.29		
18	8.920E+03	3.988E+03	9.247E+03	-131.87	4.114E+03	-3.16	3.996E+03	-.20		
19	9.200E+03	3.028E+04	2.842E+04	6.13	2.776E+04	8.34	2.750E+04	9.18		
20	9.590E+03	2.764E+04	2.565E+04	7.22	2.519E+04	8.88	2.495E+04	9.72		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	939	30	70OR1	21	4.81E+00	5.02E+00	8.11E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	7.717E+05	7.326E+05	5.06	7.171E+05	7.07	6.845E+05	11.30		
2	1.487E+03	5.134E+05	4.811E+05	6.28	4.763E+05	7.23	4.552E+05	11.33		
3	1.740E+03	3.493E+05	3.247E+05	7.05	3.231E+05	7.49	3.092E+05	11.47		
4	2.013E+03	2.433E+05	2.236E+05	8.11	2.235E+05	8.13	2.142E+05	11.97		
5	2.307E+03	1.698E+05	1.570E+05	7.57	1.574E+05	7.32	1.510E+05	11.10		
6	2.621E+03	1.206E+05	1.123E+05	6.87	1.128E+05	6.46	1.083E+05	10.18		



7	2.984E+03	8.567E+04	7.972E+04	6.95	8.014E+04	6.45	7.703E+04	10.08
8	3.313E+03	6.436E+04	6.038E+04	6.18	6.071E+04	5.67	5.841E+04	9.25
9	3.691E+03	4.817E+04	4.527E+04	6.01	4.549E+04	5.57	4.380E+04	9.06
10	4.012E+03	3.752E+04	3.623E+04	3.45	3.636E+04	3.09	3.504E+04	6.61
11	4.508E+03	2.817E+04	2.650E+04	5.92	2.654E+04	5.78	2.561E+04	9.10
12	4.949E+03	2.091E+04	2.062E+04	1.40	2.061E+04	1.46	1.990E+04	4.84
13	5.411E+03	1.659E+04	1.621E+04	2.30	1.616E+04	2.56	1.562E+04	5.83
14	5.895E+03	1.296E+04	1.285E+04	.82	1.280E+04	1.26	1.238E+04	4.49
15	6.400E+03	1.044E+04	1.028E+04	1.53	1.022E+04	2.09	9.895E+03	5.22
16	6.926E+03	8.420E+03	8.286E+03	1.59	8.233E+03	2.22	7.977E+03	5.27
17	7.473E+03	6.760E+03	6.726E+03	.51	6.684E+03	1.12	6.481E+03	4.13
18	8.040E+03	5.500E+03	5.495E+03	.09	5.469E+03	.56	5.307E+03	3.51
19	8.630E+03	4.490E+03	4.512E+03	-.49	4.504E+03	-.32	4.374E+03	2.59
20	9.570E+03	2.660E+04	2.578E+04	3.08	2.531E+04	4.85	2.508E+04	5.73
21	9.990E+03	2.384E+04	2.315E+04	2.91	2.285E+04	4.17	2.264E+04	5.05

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	940	22	66HU1	21	4.51E+00	4.72E+00	7.78E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	4.938E+05	4.811E+05	2.56	4.763E+05	3.55	4.552E+05	7.81	
2	1.739E+03	3.366E+05	3.251E+05	3.41	3.236E+05	3.86	3.097E+05	7.99	
3	1.923E+03	2.659E+05	2.514E+05	5.45	2.511E+05	5.55	2.405E+05	9.54	
4	2.042E+03	2.289E+05	2.155E+05	5.84	2.155E+05	5.85	2.065E+05	9.78	
5	2.166E+03	1.975E+05	1.850E+05	6.33	1.852E+05	6.21	1.776E+05	10.08	
6	2.293E+03	1.695E+05	1.595E+05	5.90	1.599E+05	5.68	1.533E+05	9.53	
7	2.839E+03	9.453E+04	9.095E+04	3.79	9.142E+04	3.29	8.784E+04	7.08	
8	3.304E+03	6.657E+04	6.083E+04	8.63	6.115E+04	8.14	5.883E+04	11.63	
9	3.444E+03	5.834E+04	5.446E+04	6.65	5.475E+04	6.16	5.269E+04	9.69	
10	4.091E+03	3.608E+04	3.438E+04	4.71	3.450E+04	4.38	3.325E+04	7.83	
11	4.511E+03	2.754E+04	2.646E+04	3.94	2.649E+04	3.80	2.556E+04	7.19	
12	4.952E+03	2.142E+04	2.058E+04	3.90	2.057E+04	3.96	1.986E+04	7.26	
13	5.415E+03	1.646E+04	1.618E+04	1.73	1.613E+04	1.99	1.559E+04	5.28	
14	5.899E+03	1.323E+04	1.283E+04	3.03	1.277E+04	3.45	1.235E+04	6.62	
15	6.404E+03	1.052E+04	1.026E+04	2.44	1.020E+04	3.00	9.878E+03	6.10	
16	6.930E+03	8.451E+03	8.273E+03	2.11	8.220E+03	2.73	7.964E+03	5.76	
17	7.478E+03	6.816E+03	6.713E+03	1.51	6.672E+03	2.12	6.469E+03	5.09	
18	8.048E+03	5.507E+03	5.480E+03	.49	5.455E+03	.95	5.293E+03	3.89	
19	8.639E+03	4.505E+03	4.499E+03	.14	4.492E+03	.30	4.361E+03	3.19	
20	9.442E+03	2.849E+04	2.666E+04	6.43	2.612E+04	8.31	2.588E+04	9.15	
21	9.713E+03	2.595E+04	2.484E+04	4.27	2.444E+04	5.83	2.421E+04	6.70	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	943	13	60EH1	12	1.78E+01	1.77E+01	1.63E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.743E+03	2.037E+05	3.233E+05	-58.70	3.217E+05	-57.95	3.079E+05	-51.16	
2	2.312E+03	1.442E+05	1.561E+05	-8.24	1.565E+05	-8.52	1.501E+05	-4.10	
3	2.627E+03	1.082E+05	1.116E+05	-3.17	1.121E+05	-3.64	1.077E+05	.49	
4	3.318E+03	5.817E+04	6.014E+04	-3.38	6.047E+04	-3.95	5.817E+04	.00	
5	3.697E+03	4.484E+04	4.508E+04	-.53	4.529E+04	-1.00	4.361E+04	2.73	
6	4.516E+03	2.475E+04	2.638E+04	-6.57	2.641E+04	-6.72	2.548E+04	-2.97	
7	5.420E+03	1.740E+04	1.613E+04	7.27	1.609E+04	7.52	1.555E+04	10.62	
8	5.904E+03	1.357E+04	1.280E+04	5.67	1.274E+04	6.09	1.233E+04	9.16	
9	6.409E+03	1.107E+04	1.024E+04	7.49	1.018E+04	8.02	9.857E+03	10.96	

10	7.484E+03	7.087E+03	6.698E+03	5.48	6.657E+03	6.07	6.455E+03	8.92
11	8.053E+03	5.745E+03	5.471E+03	4.78	5.445E+03	5.22	5.284E+03	8.03
12	8.644E+03	4.733E+03	4.492E+03	5.10	4.484E+03	5.25	4.354E+03	8.00

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	941	4	8OHE1	4	9.96E+00	1.04E+01	1.36E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.490E+03	5.631E+05	4.787E+05	14.99	4.739E+05	15.83	4.530E+05	19.55	
2	1.740E+03	3.685E+05	3.247E+05	11.90	3.231E+05	12.31	3.092E+05	16.08	
3	4.510E+03	2.775E+04	2.647E+04	4.61	2.651E+04	4.47	2.558E+04	7.84	
4	8.040E+03	5.666E+03	5.495E+03	3.02	5.469E+03	3.47	5.307E+03	6.33	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	942	37	62DY1	29	1.02E+01	9.91E+00	7.90E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.490E+03	3.634E+05	4.787E+05	-31.72	4.739E+05	-30.42	4.530E+05	-24.65	
2	2.040E+03	1.959E+05	2.161E+05	-10.31	2.160E+05	-10.28	2.070E+05	-5.68	
3	2.290E+03	1.449E+05	1.600E+05	-10.45	1.604E+05	-10.71	1.539E+05	-6.19	
4	2.400E+03	1.308E+05	1.415E+05	-8.21	1.420E+05	-8.57	1.363E+05	-4.18	
5	3.130E+03	6.637E+04	7.024E+04	-5.83	7.061E+04	-6.39	6.790E+04	-2.30	
6	3.400E+03	4.968E+04	5.636E+04	-13.44	5.666E+04	-14.04	5.452E+04	-9.74	
7	4.010E+03	3.056E+04	3.628E+04	-18.70	3.641E+04	-19.14	3.509E+04	-14.81	
8	4.510E+03	2.496E+04	2.647E+04	-6.05	2.651E+04	-6.21	2.558E+04	-2.47	
9	4.600E+03	2.242E+04	2.510E+04	-11.96	2.513E+04	-12.08	2.425E+04	-8.15	
10	4.950E+03	1.936E+04	2.061E+04	-6.44	2.059E+04	-6.38	1.989E+04	-2.72	
11	5.000E+03	1.864E+04	2.006E+04	-7.61	2.004E+04	-7.51	1.935E+04	-3.82	
12	5.410E+03	1.512E+04	1.622E+04	-7.25	1.617E+04	-6.96	1.563E+04	-3.37	
13	5.500E+03	1.435E+04	1.551E+04	-8.06	1.546E+04	-7.75	1.495E+04	-4.15	
14	5.890E+03	1.276E+04	1.288E+04	-.96	1.283E+04	-.52	1.241E+04	2.77	
15	5.980E+03	1.171E+04	1.236E+04	-5.58	1.231E+04	-5.09	1.190E+04	-1.66	
16	6.020E+03	1.066E+04	1.214E+04	-13.89	1.208E+04	-13.36	1.169E+04	-9.67	
17	6.400E+03	1.076E+04	1.028E+04	4.46	1.022E+04	5.01	9.895E+03	8.04	
18	6.500E+03	9.485E+03	9.855E+03	-3.90	9.797E+03	-3.29	9.485E+03	.00	
19	7.070E+03	7.501E+03	7.832E+03	-4.41	7.781E+03	-3.74	7.541E+03	-.53	
20	7.470E+03	6.594E+03	6.733E+03	-2.11	6.691E+03	-1.48	6.488E+03	1.60	
21	7.490E+03	6.889E+03	6.683E+03	2.98	6.642E+03	3.58	6.441E+03	6.50	
22	8.040E+03	5.961E+03	5.495E+03	7.82	5.469E+03	8.25	5.307E+03	10.97	
23	8.490E+03	5.423E+03	4.723E+03	12.91	4.711E+03	13.13	4.573E+03	15.67	
24	8.790E+03	4.072E+03	4.285E+03	-5.24	4.283E+03	-5.18	4.159E+03	-2.15	
25	8.890E+03	4.231E+03	4.152E+03	1.88	4.152E+03	1.86	4.033E+03	4.68	
26	9.110E+03	2.706E+04	2.912E+04	-7.60	2.840E+04	-4.95	2.814E+04	-3.98	
27	9.150E+03	2.783E+04	2.881E+04	-3.50	2.811E+04	-1.01	2.785E+04	-.08	
28	9.220E+03	2.641E+04	2.827E+04	-7.05	2.762E+04	-4.57	2.736E+04	-3.60	
29	9.450E+03	2.435E+04	2.660E+04	-9.25	2.607E+04	-7.07	2.583E+04	-6.08	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	944	2	74SI1	2	5.64E+00	5.45E+00	9.22E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.043E+03	2.302E+05	2.153E+05	6.49	2.152E+05	6.50	2.063E+05	10.40	
2	2.984E+03	8.360E+04	7.972E+04	4.64	8.014E+04	4.14	7.703E+04	7.86	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
29	945	21	68HO1	15	2.92E+00	2.64E+00	5.38E+00



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.166E+03	1.919E+05	1.850E+05	3.60	1.852E+05	3.47	1.776E+05	7.46
2	2.308E+03	1.649E+05	1.568E+05	4.92	1.572E+05	4.67	1.508E+05	8.56
3	2.622E+03	1.171E+05	1.122E+05	4.19	1.127E+05	3.76	1.082E+05	7.59
4	3.314E+03	6.256E+04	6.033E+04	3.56	6.066E+04	3.04	5.836E+04	6.71
5	3.692E+03	4.788E+04	4.524E+04	5.51	4.545E+04	5.07	4.377E+04	8.58
6	4.221E+03	3.233E+04	3.162E+04	2.20	3.171E+04	1.93	3.057E+04	5.44
7	4.512E+03	2.695E+04	2.644E+04	1.89	2.648E+04	1.75	2.554E+04	5.21
8	4.953E+03	2.090E+04	2.057E+04	1.57	2.056E+04	1.62	1.985E+04	5.01
9	5.414E+03	1.616E+04	1.618E+04	-.14	1.614E+04	.12	1.560E+04	3.47
10	5.898E+03	1.286E+04	1.284E+04	.19	1.278E+04	.63	1.236E+04	3.88
11	6.404E+03	1.019E+04	1.026E+04	-.72	1.020E+04	-.14	9.878E+03	3.06
12	6.930E+03	8.190E+03	8.273E+03	-1.01	8.220E+03	-.36	7.964E+03	2.76
13	7.478E+03	6.560E+03	6.713E+03	-2.34	6.672E+03	-1.70	6.469E+03	1.38
14	8.040E+03	5.370E+03	5.495E+03	-2.32	5.469E+03	-1.85	5.307E+03	1.17
15	8.640E+03	4.387E+03	4.497E+03	-2.52	4.490E+03	-2.35	4.360E+03	.62

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	946	10	38AN1	10	2.16E+00	1.92E+00	4.35E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.984E+03	8.160E+04	7.972E+04	2.30	8.014E+04	1.79	7.703E+04	5.60	
2	3.151E+03	7.100E+04	6.899E+04	2.83	6.937E+04	2.30	6.671E+04	6.05	
3	3.691E+03	4.630E+04	4.527E+04	2.22	4.549E+04	1.75	4.380E+04	5.39	
4	4.090E+03	3.370E+04	3.440E+04	-2.09	3.452E+04	-2.44	3.328E+04	1.26	
5	4.510E+03	2.700E+04	2.647E+04	1.96	2.651E+04	1.82	2.558E+04	5.28	
6	4.952E+03	2.090E+04	2.058E+04	1.51	2.057E+04	1.57	1.986E+04	4.95	
7	5.414E+03	1.635E+04	1.618E+04	1.02	1.614E+04	1.28	1.560E+04	4.60	
8	6.403E+03	1.020E+04	1.027E+04	-.66	1.021E+04	-.08	9.882E+03	3.11	
9	7.477E+03	6.650E+03	6.716E+03	-.99	6.674E+03	-.36	6.472E+03	2.68	
10	8.047E+03	5.275E+03	5.482E+03	-3.92	5.456E+03	-3.44	5.295E+03	-.37	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	947	13	26AL1	7	7.04E+01	4.31E+00	5.39E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.410E+03	1.040E+04	1.024E+04	1.57	1.018E+04	2.14	9.853E+03	5.26	
2	7.040E+03	8.020E+03	7.923E+03	1.21	7.873E+03	1.84	7.629E+03	4.88	
3	7.490E+03	6.750E+03	6.683E+03	.99	6.642E+03	1.59	6.441E+03	4.58	
4	8.070E+03	5.280E+03	5.439E+03	-3.01	5.414E+03	-2.54	5.253E+03	.50	
5	8.660E+03	4.430E+03	4.468E+03	-.86	4.462E+03	-.72	4.332E+03	2.21	
6	8.930E+03	4.010E+03	1.147E+04	-185.94	4.101E+03	-2.28	3.984E+03	.66	
7	9.590E+03	2.810E+04	2.565E+04	8.74	2.519E+04	10.37	2.495E+04	11.20	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	950	9	69DA1	6	2.38E+01	4.31E+00	6.18E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.512E+03	2.772E+04	2.644E+04	4.62	2.648E+04	4.48	2.554E+04	7.85	
2	4.951E+03	2.113E+04	2.060E+04	2.53	2.058E+04	2.59	1.988E+04	5.94	
3	5.412E+03	1.651E+04	1.620E+04	1.88	1.616E+04	2.14	1.561E+04	5.43	
4	6.401E+03	1.027E+04	1.028E+04	-.06	1.022E+04	.52	9.891E+03	3.69	
5	8.907E+03	4.032E+03	6.362E+03	-57.78	4.131E+03	-2.45	4.012E+03	.50	
6	9.245E+03	3.002E+04	2.808E+04	6.46	2.744E+04	8.59	2.719E+04	9.43	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
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29	951	9	74PA1	4	7.61E+00	3.56E+00	6.14E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.800E+03	2.386E+04	2.239E+04	6.17	2.239E+04	6.17	2.161E+04	9.42		
2	5.900E+03	1.266E+04	1.282E+04	-1.29	1.277E+04	-0.85	1.235E+04	2.46		
3	8.000E+03	5.700E+03	5.571E+03	2.26	5.545E+03	2.72	5.380E+03	5.61		
4	8.900E+03	4.230E+03	4.808E+03	-13.67	4.140E+03	2.14	4.021E+03	4.95		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	952	15	77MU1	3	8.84E-01	8.81E-01	3.78E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.000E+03	2.030E+04	2.006E+04	1.19	2.004E+04	1.28	1.935E+04	4.67		
2	5.960E+03	1.250E+04	1.248E+04	.20	1.242E+04	.65	1.201E+04	3.89		
3	8.140E+03	5.260E+03	5.309E+03	-.94	5.287E+03	-.52	5.131E+03	2.45		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	953	9	9BA1	6	1.02E+01	1.02E+01	1.08E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.410E+03	1.509E+04	1.622E+04	-7.46	1.617E+04	-7.18	1.563E+04	-3.58		
2	6.400E+03	1.003E+04	1.028E+04	-2.50	1.022E+04	-1.91	9.895E+03	1.35		
3	6.930E+03	7.944E+03	8.273E+03	-4.14	8.220E+03	-3.47	7.964E+03	-.25		
4	7.480E+03	6.520E+03	6.708E+03	-2.89	6.667E+03	-2.25	6.465E+03	.85		
5	8.050E+03	5.592E+03	5.476E+03	2.07	5.451E+03	2.52	5.289E+03	5.42		
6	8.640E+03	5.855E+03	4.497E+03	23.19	4.490E+03	23.31	4.360E+03	25.54		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	954	4	67BA1	2	3.07E+00	2.70E+00	2.17E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.410E+03	1.611E+04	1.622E+04	-.66	1.617E+04	-.39	1.563E+04	2.98		
2	8.040E+03	5.269E+03	5.495E+03	-4.29	5.469E+03	-3.80	5.307E+03	-.72		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	955	6	65CO1	4	1.10E+00	7.92E-01	3.18E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.415E+03	1.630E+04	1.618E+04	.77	1.613E+04	1.03	1.559E+04	4.35		
2	6.404E+03	1.013E+04	1.026E+04	-1.31	1.020E+04	-.73	9.878E+03	2.49		
3	6.930E+03	8.145E+03	8.273E+03	-1.57	8.220E+03	-.92	7.964E+03	2.22		
4	8.048E+03	5.469E+03	5.480E+03	-.20	5.455E+03	.26	5.293E+03	3.22		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	956	9	79PU1	3	3.91E+00	3.47E+00	1.73E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.900E+03	1.254E+04	1.282E+04	-2.26	1.277E+04	-1.81	1.235E+04	1.52		
2	6.400E+03	1.002E+04	1.028E+04	-2.60	1.022E+04	-2.01	9.895E+03	1.25		
3	8.100E+03	5.086E+03	5.383E+03	-5.84	5.359E+03	-5.37	5.200E+03	2.25		
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
29	957	46	41LA1	8	2.31E+00	1.38E+00	2.35E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.907E+03	1.267E+04	1.278E+04	-.89	1.273E+04	-.44	1.231E+04	2.85		
2	6.412E+03	1.014E+04	1.023E+04	-.87	1.017E+04	-.29	9.845E+03	2.91		
3	6.939E+03	8.198E+03	8.243E+03	-.55	8.191E+03	.09	7.936E+03	3.20		
4	7.487E+03	6.610E+03	6.691E+03	-1.22	6.650E+03	-.60	6.448E+03	2.45		
5	8.057E+03	5.433E+03	5.463E+03	-.55	5.438E+03	-.09	5.277E+03	2.88		



6	8.650E+03	4.373E+03	4.483E+03	-2.51	4.476E+03	-2.35	4.346E+03	.62
7	9.273E+03	2.667E+04	2.787E+04	-4.52	2.725E+04	-2.17	2.700E+04	-1.23
8	9.894E+03	2.291E+04	2.372E+04	-3.52	2.338E+04	-2.07	2.317E+04	-1.13

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	958	23	59H01	11	1.64E+01	2.68E+01	2.70E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.000E+03	1.382E+04	1.225E+04	11.34	1.219E+04	11.76	1.180E+04	14.64	
2	7.000E+03	7.762E+03	8.049E+03	-3.69	7.997E+03	-3.02	7.748E+03	.17	
3	8.000E+03	5.305E+03	5.571E+03	-5.02	5.545E+03	-4.52	5.380E+03	-1.41	
4	8.590E+03	4.292E+03	4.571E+03	-6.50	4.562E+03	-6.29	4.429E+03	-3.20	
5	8.750E+03	4.250E+03	4.341E+03	-2.14	4.337E+03	-2.05	4.212E+03	.90	
6	8.830E+03	4.166E+03	4.232E+03	-1.58	4.230E+03	-1.54	4.108E+03	1.39	
7	8.950E+03	3.227E+04	1.590E+04	50.71	4.076E+03	87.37	3.959E+03	87.73	
8	9.000E+03	3.058E+04	2.700E+04	11.70	2.921E+04	4.48	2.894E+04	5.35	
9	9.120E+03	2.932E+04	2.904E+04	.96	2.833E+04	3.39	2.807E+04	4.28	
10	9.300E+03	2.763E+04	2.768E+04	-.17	2.707E+04	2.04	2.682E+04	2.95	
11	1.000E+04	2.172E+04	2.309E+04	-6.29	2.279E+04	-4.93	2.258E+04	-3.96	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	959	15	29BA1	8	6.29E+00	7.14E+00	9.16E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.210E+03	1.223E+04	1.116E+04	8.76	1.110E+04	9.24	1.074E+04	12.17	
2	6.510E+03	1.048E+04	9.813E+03	6.37	9.756E+03	6.91	9.446E+03	9.87	
3	6.810E+03	9.317E+03	8.678E+03	6.86	8.623E+03	7.45	8.353E+03	10.35	
4	7.130E+03	7.731E+03	7.651E+03	1.03	7.603E+03	1.65	7.369E+03	4.69	
5	8.080E+03	5.614E+03	5.420E+03	3.45	5.396E+03	3.89	5.236E+03	6.74	
6	8.380E+03	4.934E+03	4.898E+03	.73	4.882E+03	1.05	4.739E+03	3.95	
7	9.410E+03	2.906E+04	2.688E+04	7.49	2.633E+04	9.39	2.609E+04	10.22	
8	9.690E+03	2.749E+04	2.499E+04	9.09	2.457E+04	10.60	2.435E+04	11.43	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	960	1	59BA2	1	1.19E+00	6.05E-01	2.61E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	1.016E+04	1.028E+04	-1.19	1.022E+04	-.60	9.895E+03	2.61	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	961	1	77SH1	1	1.43E+00	2.00E+00	5.13E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	1.043E+04	1.028E+04	1.43	1.022E+04	2.00	9.895E+03	5.13	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	962	3	74MA1	3	6.40E+00	6.77E+00	8.92E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	1.069E+04	1.028E+04	3.83	1.022E+04	4.38	9.895E+03	7.44	
2	7.472E+03	7.492E+03	6.728E+03	10.20	6.686E+03	10.75	6.483E+03	13.46	
3	8.041E+03	5.382E+03	5.493E+03	-2.06	5.468E+03	-1.59	5.305E+03	1.42	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	963	5	7BA1	5	1.71E+01	1.70E+01	1.73E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	1.068E+04	1.028E+04	3.74	1.022E+04	4.29	9.895E+03	7.35	
2	6.930E+03	8.604E+03	8.273E+03	3.85	8.220E+03	4.46	7.964E+03	7.44	



3	7.470E+03	7.205E+03	6.733E+03	6.55	6.691E+03	7.13	6.488E+03	9.95
4	8.040E+03	4.327E+03	5.495E+03	-26.99	5.469E+03	-26.40	5.307E+03	-22.65
5	8.630E+03	6.069E+03	4.512E+03	25.65	4.504E+03	25.78	4.374E+03	27.94

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	964	24	32MA1	9	4.33E+00	5.08E+00	5.92E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.404E+03	1.034E+04	1.026E+04	.74	1.020E+04	1.32	9.878E+03	4.47	
2	7.478E+03	6.858E+03	6.713E+03	2.11	6.672E+03	2.72	6.469E+03	5.67	
3	8.048E+03	5.212E+03	5.480E+03	-5.14	5.455E+03	-4.65	5.293E+03	-1.55	
4	8.335E+03	4.895E+03	4.971E+03	-1.55	4.955E+03	-1.23	4.810E+03	1.75	
5	8.398E+03	4.895E+03	4.869E+03	.54	4.854E+03	.84	4.712E+03	3.75	
6	8.639E+03	4.442E+03	4.499E+03	-1.28	4.492E+03	-1.11	4.361E+03	1.82	
7	9.628E+03	2.754E+04	2.539E+04	7.80	2.495E+04	9.40	2.472E+04	10.24	
8	9.713E+03	2.680E+04	2.484E+04	7.31	2.444E+04	8.82	2.421E+04	9.66	
9	9.962E+03	2.437E+04	2.331E+04	4.34	2.300E+04	5.62	2.279E+04	6.48	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	965	15	34GR1	4	1.10E+00	8.78E-01	2.64E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.417E+03	1.016E+04	1.021E+04	-.45	1.015E+04	.12	9.824E+03	3.31	
2	7.493E+03	6.627E+03	6.676E+03	-.74	6.635E+03	-.12	6.434E+03	2.91	
3	8.064E+03	5.407E+03	5.450E+03	-.80	5.425E+03	-.33	5.264E+03	2.64	
4	8.656E+03	4.392E+03	4.474E+03	-1.86	4.467E+03	-1.72	4.338E+03	1.23	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	966	11	69DE1	6	2.51E+00	3.26E+00	3.98E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	7.058E+03	7.819E+03	7.868E+03	-.63	7.818E+03	.02	7.576E+03	3.11	
2	8.000E+03	5.504E+03	5.571E+03	-1.22	5.545E+03	-.74	5.380E+03	2.25	
3	8.398E+03	4.752E+03	4.869E+03	-2.46	4.854E+03	-2.14	4.712E+03	.85	
4	9.500E+03	2.776E+04	2.625E+04	5.43	2.575E+04	7.24	2.551E+04	8.09	
5	9.962E+03	2.342E+04	2.331E+04	.46	2.300E+04	1.79	2.279E+04	2.69	
6	1.000E+04	2.319E+04	2.309E+04	.45	2.279E+04	1.72	2.258E+04	2.63	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	967	1	71GH1	1	5.93E+00	5.45E+00	2.32E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	5.187E+03	5.495E+03	-5.93	5.469E+03	-5.45	5.307E+03	-2.32	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	968	3	64KA1	1	3.75E+00	3.27E+00	2.11E-01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	5.296E+03	5.495E+03	-3.75	5.469E+03	-3.27	5.307E+03	-.21	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	969	9	66BE1	2	1.05E+01	1.13E+01	1.21E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.048E+03	5.520E+03	5.480E+03	.73	5.455E+03	1.19	5.293E+03	4.12	
2	1.000E+04	2.710E+04	2.309E+04	14.81	2.279E+04	15.90	2.258E+04	16.67	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	970	21	59DE1	5	1.82E+01	2.45E+00	2.82E+00		

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	5.402E+03	5.482E+03	-1.48	5.456E+03	-1.01	5.295E+03	1.99
2	8.396E+03	4.767E+03	4.872E+03	-2.20	4.857E+03	-1.89	4.715E+03	1.10
3	8.904E+03	4.051E+03	5.696E+03	-40.60	4.134E+03	-2.06	4.016E+03	.87
4	9.670E+03	2.574E+04	2.512E+04	2.41	2.470E+04	4.06	2.447E+04	4.94
5	9.885E+03	2.395E+04	2.377E+04	.75	2.343E+04	2.15	2.322E+04	3.05

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	971	22	63S01	22	1.98E+02	6.58E+01	6.51E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.833E+03	4.072E+03	4.228E+03	-3.83	4.226E+03	-3.79	4.104E+03	-.80	
2	8.874E+03	4.030E+03	4.173E+03	-3.55	4.173E+03	-3.54	4.053E+03	-.57	
3	8.888E+03	4.030E+03	4.154E+03	-3.09	4.155E+03	-3.10	4.035E+03	-.13	
4	8.906E+03	3.999E+03	6.140E+03	-53.53	4.132E+03	-3.32	4.013E+03	-.35	
5	8.917E+03	4.020E+03	8.581E+03	-113.46	4.118E+03	-2.44	4.000E+03	.51	
6	8.931E+03	4.072E+03	1.169E+04	-187.04	4.100E+03	-.69	3.983E+03	2.20	
7	8.944E+03	4.094E+03	1.457E+04	-255.97	4.084E+03	.25	3.967E+03	3.11	
8	8.952E+03	4.210E+03	1.635E+04	-288.33	4.074E+03	3.23	3.957E+03	6.01	
9	8.958E+03	4.294E+03	1.768E+04	-311.75	4.066E+03	5.30	3.950E+03	8.02	
10	8.965E+03	4.368E+03	1.923E+04	-340.34	4.058E+03	7.10	3.941E+03	9.77	
11	8.970E+03	4.452E+03	2.034E+04	-356.96	4.052E+03	9.00	3.935E+03	11.60	
12	8.972E+03	4.832E+03	2.079E+04	-330.21	4.049E+03	16.20	3.933E+03	18.61	
13	8.975E+03	5.381E+03	2.145E+04	-298.69	4.045E+03	24.82	3.929E+03	26.98	
14	8.978E+03	5.855E+03	2.212E+04	-277.78	4.042E+03	30.97	3.926E+03	32.95	
15	8.981E+03	7.533E+03	2.279E+04	-202.47	2.936E+04	-289.69	2.909E+04	-286.11	
16	8.984E+03	2.068E+04	2.345E+04	-13.40	2.933E+04	-41.84	2.906E+04	-40.54	
17	8.987E+03	2.564E+04	2.412E+04	5.94	2.931E+04	-14.31	2.904E+04	-13.26	
18	8.989E+03	1.952E+04	2.456E+04	-25.82	2.929E+04	-50.07	2.903E+04	-48.70	
19	8.992E+03	3.197E+04	2.523E+04	21.09	2.927E+04	8.44	2.900E+04	9.28	
20	8.995E+03	1.762E+04	2.589E+04	-46.95	2.925E+04	-66.00	2.898E+04	-64.47	
21	9.001E+03	2.479E+04	2.722E+04	-9.82	2.920E+04	-17.81	2.894E+04	-16.72	
22	9.029E+03	3.197E+04	2.976E+04	6.91	2.899E+04	9.31	2.873E+04	10.14	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	972	12	7OKU1	12	2.42E+01	8.22E+00	8.77E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.910E+03	3.900E+03	7.027E+03	-80.19	4.127E+03	-5.81	4.008E+03	-2.77	
2	9.002E+03	3.140E+04	2.745E+04	12.59	2.920E+04	7.02	2.893E+04	7.87	
3	9.013E+03	2.960E+04	2.989E+04	-.97	2.911E+04	1.64	2.885E+04	2.55	
4	9.025E+03	3.240E+04	2.979E+04	8.05	2.902E+04	10.42	2.876E+04	11.24	
5	9.042E+03	3.040E+04	2.966E+04	2.44	2.890E+04	4.94	2.863E+04	5.82	
6	9.074E+03	3.300E+04	2.940E+04	10.90	2.866E+04	13.15	2.840E+04	13.95	
7	9.098E+03	2.930E+04	2.921E+04	.30	2.849E+04	2.78	2.822E+04	3.67	
8	9.133E+03	3.280E+04	2.893E+04	11.78	2.823E+04	13.93	2.797E+04	14.72	
9	9.158E+03	2.870E+04	2.874E+04	-.15	2.805E+04	2.25	2.780E+04	3.15	
10	9.211E+03	3.110E+04	2.834E+04	8.87	2.768E+04	11.00	2.742E+04	11.82	
11	9.241E+03	2.840E+04	2.811E+04	1.02	2.747E+04	3.27	2.722E+04	4.17	
12	9.290E+03	2.980E+04	2.775E+04	6.88	2.713E+04	8.95	2.688E+04	9.79	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
29	973	11	31CO1	11	8.98E+00	8.82E+00	9.57E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.994E+03	3.122E+04	2.567E+04	17.78	2.926E+04	6.29	2.899E+04	7.15	



2	9.004E+03	3.049E+04	2.789E+04	8.53	2.918E+04	4.29	2.891E+04	5.17
3	9.018E+03	3.234E+04	2.985E+04	7.71	2.908E+04	10.09	2.881E+04	10.92
4	9.035E+03	3.086E+04	2.971E+04	3.72	2.895E+04	6.19	2.868E+04	7.05
5	9.063E+03	3.313E+04	2.949E+04	10.99	2.874E+04	13.25	2.848E+04	14.04
6	9.086E+03	3.002E+04	2.931E+04	2.37	2.857E+04	4.82	2.831E+04	5.70
7	9.122E+03	3.329E+04	2.902E+04	12.82	2.831E+04	14.96	2.805E+04	15.74
8	9.147E+03	2.901E+04	2.883E+04	.63	2.813E+04	3.03	2.787E+04	3.92
9	9.179E+03	3.070E+04	2.858E+04	6.89	2.790E+04	9.11	2.765E+04	9.94
10	9.197E+03	3.128E+04	2.845E+04	9.06	2.778E+04	11.20	2.752E+04	12.02
11	9.229E+03	2.875E+04	2.820E+04	1.90	2.755E+04	4.16	2.730E+04	5.04

IZ= 30

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1062	1	72KY1	1	4.10E+00	4.98E+00	1.46E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	1.726E+05	1.655E+05		4.10	1.640E+05	4.98	1.474E+05	14.60	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1063	16	67CA1	11	9.49E+00	9.07E+00	9.20E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.490E+03	4.310E+05	5.425E+05		-25.87	5.325E+05	-23.54	5.093E+05	-18.17	
2	2.040E+03	2.337E+05	2.478E+05		-6.03	2.453E+05	-4.96	2.352E+05	-.64	
3	2.310E+03	1.789E+05	1.798E+05		-.48	1.786E+05	.15	1.714E+05	4.17	
4	2.980E+03	9.170E+04	9.212E+04		-.46	9.186E+04	-.17	8.832E+04	3.68	
5	3.440E+03	6.190E+04	6.291E+04		-1.63	6.280E+04	-1.45	6.045E+04	2.34	
6	4.010E+03	4.200E+04	4.176E+04		.56	4.170E+04	.72	4.019E+04	-4.30	
7	4.950E+03	2.345E+04	2.371E+04		-1.13	2.363E+04	-.76	2.282E+04	2.69	
8	5.900E+03	1.676E+04	1.476E+04		11.93	1.466E+04	12.51	1.418E+04	15.37	
9	6.930E+03	1.053E+04	9.533E+03		9.47	9.448E+03	10.28	9.154E+03	13.07	
10	8.050E+03	6.762E+03	6.326E+03		6.45	6.270E+03	7.27	6.083E+03	10.05	
11	9.570E+03	4.016E+03	3.917E+03		2.47	3.904E+03	2.78	3.793E+03	5.55	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1064	12	60EH1	11	5.63E+00	5.57E+00	6.20E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.312E+03	1.904E+05	1.794E+05		5.80	1.782E+05	6.39	1.711E+05	10.16	
2	2.627E+03	1.321E+05	1.284E+05		2.76	1.279E+05	3.15	1.229E+05	6.97	
3	3.318E+03	6.777E+04	6.925E+04		-2.19	6.912E+04	-1.99	6.652E+04	1.84	
4	3.697E+03	5.161E+04	5.191E+04		-.58	5.183E+04	-.42	4.992E+04	3.27	
5	4.516E+03	2.995E+04	3.036E+04		-1.37	3.028E+04	-1.11	2.922E+04	2.43	
6	5.420E+03	1.600E+04	1.857E+04		-16.04	1.847E+04	-15.46	1.785E+04	-11.59	
7	5.904E+03	1.523E+04	1.473E+04		3.26	1.464E+04	3.90	1.416E+04	7.04	
8	6.409E+03	1.118E+04	1.179E+04		-5.48	1.170E+04	-4.64	1.133E+04	-1.31	
9	7.484E+03	7.787E+03	7.727E+03		.77	7.655E+03	1.70	7.422E+03	4.69	
10	8.053E+03	6.368E+03	6.319E+03		.77	6.264E+03	1.64	6.077E+03	4.58	
11	8.644E+03	5.258E+03	5.197E+03		1.15	5.161E+03	1.85	5.009E+03	4.74	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1065	1	74SI1	1	2.04E+00	2.31E+00	6.07E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.984E+03	9.370E+04	9.179E+04		2.04	9.153E+04	2.31	8.801E+04	6.07	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1066	26	26AL1	20	1.15E+01	1.18E+01	1.45E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.680E+03	6.404E+04	5.254E+04	17.95	5.247E+04	18.07	5.054E+04	21.08		
2	3.850E+03	5.796E+04	4.658E+04	19.64	4.650E+04	19.77	4.481E+04	22.69		
3	3.900E+03	5.430E+04	4.499E+04	17.14	4.492E+04	17.27	4.329E+04	20.27		
4	4.080E+03	4.670E+04	3.987E+04	14.63	3.980E+04	14.77	3.837E+04	17.83		
5	4.170E+03	4.560E+04	3.761E+04	17.53	3.754E+04	17.68	3.620E+04	20.62		
6	4.770E+03	3.000E+04	2.620E+04	12.67	2.612E+04	12.93	2.522E+04	15.94		
7	4.980E+03	2.670E+04	2.333E+04	12.61	2.324E+04	12.94	2.245E+04	15.92		
8	5.280E+03	2.280E+04	1.993E+04	12.60	1.983E+04	13.01	1.917E+04	15.94		
9	5.530E+03	1.980E+04	1.759E+04	11.18	1.749E+04	11.66	1.691E+04	14.60		
10	5.690E+03	1.870E+04	1.628E+04	12.93	1.619E+04	13.45	1.565E+04	16.31		
11	6.020E+03	1.560E+04	1.397E+04	10.42	1.388E+04	11.02	1.343E+04	13.91		
12	6.410E+03	1.250E+04	1.179E+04	5.70	1.169E+04	6.45	1.132E+04	9.43		
13	6.420E+03	1.260E+04	1.174E+04	6.85	1.164E+04	7.58	1.127E+04	10.53		
14	7.040E+03	9.770E+03	9.131E+03	6.54	9.049E+03	7.37	8.769E+03	10.25		
15	7.490E+03	8.250E+03	7.710E+03	6.55	7.638E+03	7.42	7.405E+03	10.24		
16	8.070E+03	6.400E+03	6.283E+03	1.83	6.228E+03	2.69	6.042E+03	5.60		
17	8.550E+03	5.540E+03	5.356E+03	3.31	5.317E+03	4.02	5.160E+03	6.85		
18	8.660E+03	5.480E+03	5.170E+03	5.65	5.135E+03	6.30	4.984E+03	9.06		
19	8.930E+03	4.880E+03	4.749E+03	2.68	4.721E+03	3.26	4.583E+03	6.09		
20	9.590E+03	4.120E+03	3.894E+03	5.49	3.882E+03	5.77	3.772E+03	8.45		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1069	11	69DE1	6	2.16E+00	3.56E+00	4.96E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.000E+03	2.324E+04	2.308E+04	.67	2.299E+04	1.06	2.221E+04	4.44		
2	6.404E+03	1.184E+04	1.182E+04	.19	1.172E+04	.98	1.135E+04	4.14		
3	7.058E+03	8.998E+03	9.068E+03	-.78	8.986E+03	.13	8.708E+03	3.22		
4	8.398E+03	5.552E+03	5.629E+03	-1.39	5.585E+03	-.59	5.419E+03	2.39		
5	9.962E+03	2.724E+04	2.624E+04	3.69	2.554E+04	6.23	2.532E+04	7.05		
6	1.000E+04	2.689E+04	2.598E+04	3.37	2.531E+04	5.89	2.509E+04	6.71		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1070	9	9BA1	6	3.67E+00	4.39E+00	7.14E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.410E+03	1.851E+04	1.866E+04	-.82	1.857E+04	-.30	1.794E+04	3.06		
2	6.400E+03	1.221E+04	1.184E+04	3.05	1.174E+04	3.81	1.137E+04	6.88		
3	6.930E+03	9.932E+03	9.533E+03	4.02	9.448E+03	4.87	9.154E+03	7.84		
4	7.480E+03	8.076E+03	7.738E+03	4.18	7.666E+03	5.08	7.432E+03	7.97		
5	8.050E+03	6.610E+03	6.326E+03	4.30	6.270E+03	5.14	6.083E+03	7.98		
6	8.640E+03	5.438E+03	5.204E+03	4.30	5.167E+03	4.98	5.015E+03	7.78		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1071	2	74MA1	1	1.28E+01	1.35E+01	1.62E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	1.357E+04	1.184E+04	12.77	1.174E+04	13.45	1.137E+04	16.22		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
30	1072	5	7BA1	5	1.08E+00	7.05E-01	3.18E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	



1	6.400E+03	1.190E+04	1.184E+04	.52	1.174E+04	1.31	1.137E+04	4.46
2	6.930E+03	9.404E+03	9.533E+03	-1.37	9.448E+03	-.47	9.154E+03	2.66
3	7.470E+03	7.716E+03	7.767E+03	-.66	7.694E+03	.29	7.460E+03	3.32
4	8.040E+03	6.270E+03	6.347E+03	-1.23	6.292E+03	-.34	6.103E+03	2.66
5	8.630E+03	5.153E+03	5.221E+03	-1.32	5.184E+03	-.60	5.031E+03	2.37

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
30	1073	10	59H01	6	5.66E+00	6.51E+00	8.49E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.410E+03	1.139E+04	1.179E+04	-3.49	1.169E+04	-2.67	1.132E+04	.60	
2	7.000E+03	9.549E+03	9.276E+03	2.86	9.192E+03	3.74	8.906E+03	6.73	
3	8.050E+03	6.728E+03	6.326E+03	5.98	6.270E+03	6.80	6.083E+03	9.59	
4	8.920E+03	5.187E+03	4.764E+03	8.16	4.735E+03	8.71	4.597E+03	11.38	
5	9.570E+03	4.156E+03	3.917E+03	5.75	3.904E+03	6.05	3.793E+03	8.73	
6	9.770E+03	2.930E+04	2.754E+04	6.02	2.678E+04	8.61	2.654E+04	9.42	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
30	1074	18	32MA1	9	2.28E+01	5.73E+00	7.59E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.404E+03	1.150E+04	1.182E+04	-2.76	1.172E+04	-1.95	1.135E+04	1.30	
2	7.478E+03	8.358E+03	7.744E+03	7.35	7.671E+03	8.21	7.438E+03	11.01	
3	8.048E+03	6.328E+03	6.330E+03	-.03	6.275E+03	.84	6.087E+03	3.81	
4	8.335E+03	5.916E+03	5.747E+03	2.86	5.701E+03	3.63	5.532E+03	6.49	
5	8.398E+03	5.872E+03	5.629E+03	4.13	5.585E+03	4.89	5.419E+03	7.71	
6	8.639E+03	5.449E+03	5.206E+03	4.46	5.169E+03	5.14	5.017E+03	7.93	
7	9.628E+03	4.005E+03	5.771E+03	-44.09	3.840E+03	4.12	3.731E+03	6.84	
8	9.672E+03	2.866E+04	1.417E+04	50.56	2.744E+04	4.26	2.719E+04	5.12	
9	9.962E+03	2.876E+04	2.624E+04	8.78	2.554E+04	11.19	2.532E+04	11.97	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
30	1075	1	65ME1	1	1.31E+00	2.17E+00	5.09E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	6.431E+03	6.347E+03	1.31	6.292E+03	2.17	6.103E+03	5.09	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
30	1076	1	71GH1	1	1.31E+00	2.17E+00	5.09E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	6.431E+03	6.347E+03	1.31	6.292E+03	2.17	6.103E+03	5.09	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
30	1077	10	31CO1	10	2.74E+01	1.08E+01	1.16E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.671E+03	3.099E+04	1.398E+04	54.89	2.745E+04	11.43	2.720E+04	12.24	
2	9.683E+03	2.849E+04	1.627E+04	42.89	2.736E+04	3.95	2.712E+04	4.82	
3	9.699E+03	3.061E+04	1.932E+04	36.87	2.726E+04	10.96	2.701E+04	11.76	
4	9.715E+03	3.012E+04	2.238E+04	25.70	2.715E+04	9.87	2.690E+04	10.68	
5	9.734E+03	3.121E+04	2.601E+04	16.68	2.702E+04	13.43	2.678E+04	14.21	
6	9.756E+03	2.936E+04	2.763E+04	5.88	2.687E+04	8.48	2.663E+04	9.30	
7	9.785E+03	3.099E+04	2.743E+04	11.48	2.668E+04	13.91	2.644E+04	14.68	
8	9.813E+03	2.920E+04	2.724E+04	6.71	2.649E+04	9.27	2.626E+04	10.07	
9	9.853E+03	3.017E+04	2.696E+04	10.63	2.623E+04	13.04	2.600E+04	13.81	
10	9.887E+03	2.887E+04	2.673E+04	7.40	2.602E+04	9.89	2.579E+04	10.68	



IZ= 31

IZ= 32

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1106	17	67ER2	5	6.84E+01	5.46E+01	4.82E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.012E+03	1.770E+05	2.209E+05	-24.80	2.219E+05	-25.35	2.006E+05	-13.34		
2	1.188E+03	1.370E+05	1.526E+05	-11.36	1.519E+05	-10.88	1.379E+05	-.62		
3	1.254E+03	3.750E+05	9.169E+05	-144.52	7.982E+05	-112.86	7.597E+05	-102.59		
4	1.487E+03	5.520E+05	6.879E+05	-24.62	6.738E+05	-22.07	6.455E+05	-16.94		
5	1.740E+03	3.530E+05	4.741E+05	-34.32	4.616E+05	-30.76	4.427E+05	-25.42		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1107	20	68EF1	6	5.66E+00	5.18E+00	3.10E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.415E+03	2.212E+04	2.413E+04	-9.09	2.403E+04	-8.63	2.324E+04	-5.07		
2	5.946E+03	1.737E+04	1.874E+04	-7.87	1.865E+04	-7.36	1.805E+04	-3.92		
3	7.058E+03	1.111E+04	1.177E+04	-5.99	1.170E+04	-5.27	1.134E+04	-2.04		
4	8.908E+03	6.070E+03	6.247E+03	-2.91	6.191E+03	-2.00	6.014E+03	.93		
5	9.674E+03	4.910E+03	4.984E+03	-1.51	4.941E+03	-.62	4.802E+03	2.20		
6	9.962E+03	4.550E+03	4.598E+03	-1.06	4.559E+03	-.21	4.433E+03	2.57		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1108	11	73HI1	8	2.29E+00	1.66E+00	2.07E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.412E+03	2.377E+04	2.417E+04	-1.67	2.407E+04	-1.24	2.328E+04	2.07		
2	5.947E+03	1.838E+04	1.873E+04	-1.89	1.864E+04	-1.41	1.804E+04	1.84		
3	6.400E+03	1.542E+04	1.536E+04	.42	1.527E+04	.98	1.479E+04	4.10		
4	6.925E+03	1.214E+04	1.240E+04	-2.14	1.232E+04	-1.46	1.194E+04	1.66		
5	7.058E+03	1.159E+04	1.177E+04	-1.60	1.170E+04	-.91	1.134E+04	2.18		
6	7.649E+03	9.221E+03	9.465E+03	-2.64	9.390E+03	-1.84	9.109E+03	1.21		
7	8.041E+03	8.015E+03	8.261E+03	-3.06	8.192E+03	-2.21	7.950E+03	.81		
8	8.905E+03	6.045E+03	6.252E+03	-3.43	6.197E+03	-2.52	6.019E+03	.43		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1109	32	69GR1	9	4.24E+00	3.57E+00	2.78E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.415E+03	2.442E+04	2.413E+04	1.18	2.403E+04	1.60	2.324E+04	4.82		
2	5.947E+03	1.891E+04	1.873E+04	.96	1.864E+04	1.43	1.804E+04	4.59		
3	6.404E+03	1.505E+04	1.533E+04	-1.85	1.524E+04	-1.28	1.476E+04	1.91		
4	7.058E+03	1.156E+04	1.177E+04	-1.86	1.170E+04	-1.17	1.134E+04	1.93		
5	8.048E+03	7.886E+03	8.241E+03	-4.51	8.172E+03	-3.63	7.931E+03	-.57		
6	8.398E+03	7.079E+03	7.339E+03	-3.67	7.275E+03	-2.76	7.062E+03	.23		
7	8.905E+03	5.869E+03	6.252E+03	-6.53	6.197E+03	-5.59	6.019E+03	-2.56		
8	9.672E+03	4.705E+03	4.987E+03	-6.00	4.943E+03	-5.07	4.805E+03	-2.12		
9	9.962E+03	4.324E+03	4.598E+03	-6.35	4.559E+03	-5.45	4.433E+03	-2.52		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
32	1110	8	69HI1	4	5.35E+00	4.60E+00	1.57E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		

1	6.400E+03	1.449E+04	1.536E+04	-5.97	1.527E+04	-5.37	1.479E+04	-2.06
2	7.060E+03	1.109E+04	1.177E+04	-6.10	1.169E+04	-5.37	1.133E+04	-2.15
3	8.040E+03	7.924E+03	8.263E+03	-4.28	8.195E+03	-3.41	7.953E+03	-.36
4	8.910E+03	5.955E+03	6.243E+03	-4.83	6.188E+03	-3.91	6.010E+03	-.92

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
32	1111	1	62BA3	1	3.72E+00	2.86E+00	1.78E-01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	7.967E+03	8.263E+03	-3.72	8.195E+03	-2.86	7.953E+03		.18

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
32	1112	1	61B01	1	3.20E+00	2.34E+00	6.78E-01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.050E+03	7.980E+03	8.236E+03	-3.20	8.167E+03	-2.34	7.926E+03		.68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
32	1113	3	64BA1	1	4.92E+00	4.03E+00	1.14E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	9.880E+03	4.483E+03	4.703E+03	-4.92	4.664E+03	-4.03	4.534E+03		-1.14

IZ= 33

IZ= 34

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
34	1129	13	36BI1	13	9.96E+00	1.06E+01	1.33E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.256E+03	2.286E+05	1.780E+05	22.14	1.771E+05	22.54	1.618E+05		29.23
2	1.490E+03	6.367E+05	7.337E+05	-15.24	7.133E+05	-12.03	6.811E+05		-6.97
3	1.744E+03	6.418E+05	5.827E+05	9.21	5.669E+05	11.68	5.443E+05		15.19
4	2.019E+03	4.379E+05	4.102E+05	6.34	3.969E+05	9.37	3.815E+05		12.88
5	2.312E+03	3.101E+05	2.928E+05	5.58	2.837E+05	8.50	2.730E+05		11.97
6	2.627E+03	2.231E+05	2.113E+05	5.30	2.056E+05	7.83	1.980E+05		11.24
7	3.320E+03	1.210E+05	1.146E+05	5.32	1.125E+05	7.06	1.085E+05		10.37
8	3.698E+03	9.305E+04	8.605E+04	7.53	8.473E+04	8.94	8.178E+04		12.11
9	4.097E+03	6.998E+04	6.543E+04	6.50	6.461E+04	7.67	6.241E+04		10.82
10	4.517E+03	4.542E+04	5.034E+04	-10.84	4.983E+04	-9.71	4.817E+04		-6.06
11	4.960E+03	4.220E+04	3.912E+04	7.30	3.880E+04	8.05	3.754E+04		11.05
12	5.423E+03	3.260E+04	3.074E+04	5.69	3.053E+04	6.35	2.955E+04		9.35
13	5.907E+03	2.630E+04	2.440E+04	7.22	2.425E+04	7.81	2.348E+04		10.71

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
34	1130	12	36SC1	4	6.61E+00	7.29E+00	1.01E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.423E+03	3.263E+04	3.074E+04	5.78	3.053E+04	6.43	2.955E+04		9.43
2	6.479E+03	2.056E+04	1.900E+04	7.60	1.888E+04	8.17	1.830E+04		11.00
3	7.487E+03	1.372E+04	1.284E+04	6.44	1.275E+04	7.11	1.237E+04		9.86
4	8.650E+03	9.279E+03	8.676E+03	6.49	8.599E+03	7.33	8.355E+03		9.96

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
34	1131	11	73HR1	3	7.48E+00	8.20E+00	1.09E+01



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.400E+03	2.114E+04	1.964E+04	7.10	1.952E+04	7.67	1.891E+04	10.53
2	8.041E+03	1.135E+04	1.058E+04	6.81	1.049E+04	7.55	1.019E+04	10.23
3	8.631E+03	9.532E+03	8.729E+03	8.43	8.650E+03	9.25	8.405E+03	11.83

IZ= 35

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
35	1138	34	39HA2	5	4.34E+00	4.01E+00	2.61E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.403E+03	2.033E+04	2.200E+04	-8.20	2.191E+04	-7.78	2.124E+04	-4.49		
2	6.930E+03	1.700E+04	1.776E+04	-4.46	1.769E+04	-4.04	1.716E+04	-.94		
3	7.477E+03	1.424E+04	1.446E+04	-1.54	1.439E+04	-1.07	1.397E+04	1.89		
4	8.047E+03	1.161E+04	1.185E+04	-2.08	1.179E+04	-1.52	1.145E+04	1.40		
5	8.638E+03	9.711E+03	9.784E+03	-.75	9.718E+03	-.07	9.444E+03	2.75		

IZ= 36

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
36	1151	11	67HE1	2	3.03E+00	2.21E+00	8.23E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	2.380E+05	2.384E+05	-.18	2.331E+05	2.04	2.139E+05	10.11		
2	1.487E+03	1.517E+05	1.582E+05	-4.28	1.553E+05	-2.37	1.429E+05	5.78		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
36	1153	205	69WU1	178	1.83E+01	4.36E+00	7.29E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.006E+03	4.020E+05	4.009E+05	.27	3.916E+05	2.59	3.578E+05	11.00		
2	1.014E+03	3.950E+05	3.935E+05	.39	3.844E+05	2.69	3.513E+05	11.07		
3	1.022E+03	3.870E+05	3.864E+05	.15	3.774E+05	2.49	3.449E+05	10.88		
4	1.031E+03	3.790E+05	3.787E+05	.09	3.697E+05	2.46	3.379E+05	10.84		
5	1.040E+03	3.700E+05	3.709E+05	-.24	3.622E+05	2.11	3.312E+05	10.50		
6	1.048E+03	3.620E+05	3.644E+05	-.66	3.557E+05	1.73	3.253E+05	10.14		
7	1.057E+03	3.540E+05	3.571E+05	-.89	3.487E+05	1.51	3.189E+05	9.92		
8	1.066E+03	3.460E+05	3.499E+05	-1.12	3.418E+05	1.22	3.127E+05	9.64		
9	1.076E+03	3.390E+05	3.424E+05	-1.00	3.344E+05	1.36	3.059E+05	9.75		
10	1.085E+03	3.310E+05	3.357E+05	-1.42	3.279E+05	.94	3.001E+05	9.35		
11	1.095E+03	3.230E+05	3.284E+05	-1.67	3.209E+05	.65	2.937E+05	9.07		
12	1.104E+03	3.170E+05	3.222E+05	-1.65	3.148E+05	.70	2.882E+05	9.10		
13	1.114E+03	3.090E+05	3.154E+05	-2.07	3.082E+05	.26	2.822E+05	8.68		
14	1.125E+03	3.020E+05	3.082E+05	-2.04	3.012E+05	.28	2.758E+05	8.68		
15	1.135E+03	2.960E+05	3.018E+05	-1.98	2.949E+05	.35	2.701E+05	8.74		
16	1.145E+03	2.890E+05	2.955E+05	-2.26	2.889E+05	.03	2.647E+05	8.42		
17	1.156E+03	2.810E+05	2.890E+05	-2.86	2.825E+05	-.53	2.588E+05	7.89		
18	1.167E+03	2.750E+05	2.826E+05	-2.77	2.763E+05	-.46	2.532E+05	7.94		
19	1.178E+03	2.680E+05	2.764E+05	-3.12	2.702E+05	-.83	2.477E+05	7.58		
20	1.190E+03	2.620E+05	2.699E+05	-3.02	2.638E+05	-.70	2.419E+05	7.68		
21	1.201E+03	2.570E+05	2.640E+05	-2.73	2.582E+05	-.46	2.367E+05	7.89		
22	1.213E+03	2.500E+05	2.580E+05	-3.19	2.522E+05	-.88	2.313E+05	7.49		
23	1.225E+03	2.430E+05	2.520E+05	-3.72	2.464E+05	-1.40	2.260E+05	6.99		
24	1.237E+03	2.370E+05	2.462E+05	-3.90	2.408E+05	-1.60	2.209E+05	6.79		

25	1.250E+03	2.320E+05	2.403E+05	-3.56	2.349E+05	-1.25	2.156E+05	7.09
26	1.262E+03	2.260E+05	2.348E+05	-3.88	2.297E+05	-1.62	2.108E+05	6.74
27	1.275E+03	2.200E+05	2.292E+05	-4.16	2.242E+05	-1.89	2.058E+05	6.47
28	1.289E+03	2.150E+05	2.232E+05	-3.79	2.184E+05	-1.59	2.005E+05	6.73
29	1.302E+03	2.100E+05	2.179E+05	-3.74	2.133E+05	-1.57	1.959E+05	6.73
30	1.316E+03	2.040E+05	2.123E+05	-4.09	2.079E+05	-1.93	1.910E+05	6.38
31	1.330E+03	1.960E+05	2.069E+05	-5.58	2.028E+05	-3.46	1.863E+05	4.96
32	1.345E+03	1.930E+05	2.015E+05	-4.40	1.974E+05	-2.30	1.814E+05	6.00
33	1.359E+03	1.840E+05	1.964E+05	-6.76	1.926E+05	-4.69	1.770E+05	3.79
34	1.374E+03	1.820E+05	1.914E+05	-5.18	1.877E+05	-3.11	1.725E+05	5.22
35	1.390E+03	1.770E+05	1.861E+05	-5.13	1.825E+05	-3.13	1.678E+05	5.18
36	1.406E+03	1.720E+05	1.811E+05	-5.29	1.776E+05	-3.27	1.633E+05	5.04
37	1.422E+03	1.670E+05	1.762E+05	-5.50	1.729E+05	-3.52	1.590E+05	4.79
38	1.438E+03	1.620E+05	1.715E+05	-5.89	1.683E+05	-3.90	1.548E+05	4.43
39	1.455E+03	1.570E+05	1.667E+05	-6.20	1.636E+05	-4.23	1.506E+05	4.11
40	1.473E+03	1.520E+05	1.619E+05	-6.50	1.589E+05	-4.52	1.462E+05	3.82
41	1.490E+03	1.480E+05	1.574E+05	-6.35	1.545E+05	-4.42	1.422E+05	3.89
42	1.509E+03	1.440E+05	1.526E+05	-5.95	1.499E+05	-4.10	1.380E+05	4.17
43	1.527E+03	1.400E+05	1.481E+05	-5.76	1.457E+05	-4.05	1.341E+05	4.19
44	1.546E+03	1.350E+05	1.436E+05	-6.36	1.414E+05	-4.73	1.302E+05	3.55
45	1.556E+03	1.330E+05	1.413E+05	-6.24	1.392E+05	-4.66	1.282E+05	3.61
46	1.566E+03	1.310E+05	1.390E+05	-6.11	1.371E+05	-4.62	1.262E+05	3.63
47	1.576E+03	1.290E+05	1.368E+05	-6.06	1.350E+05	-4.62	1.243E+05	3.63
48	1.586E+03	1.270E+05	1.347E+05	-6.07	1.329E+05	-4.65	1.224E+05	3.59
49	1.596E+03	1.250E+05	1.326E+05	-6.08	1.309E+05	-4.71	1.206E+05	3.52
50	1.607E+03	1.230E+05	1.303E+05	-5.92	1.287E+05	-4.65	1.186E+05	3.57
51	1.617E+03	1.210E+05	1.283E+05	-6.05	1.268E+05	-4.79	1.168E+05	3.43
52	1.628E+03	1.180E+05	1.262E+05	-6.94	1.247E+05	-5.69	1.149E+05	2.59
53	1.638E+03	1.160E+05	1.243E+05	-7.12	1.229E+05	-5.92	1.133E+05	2.36
54	1.649E+03	1.140E+05	1.312E+05	-15.06	1.209E+05	-6.03	1.114E+05	2.25
55	1.660E+03	1.130E+05	2.285E+05	-102.24	1.189E+05	-5.25	1.097E+05	2.96
56	1.672E+03	1.110E+05	3.347E+05	-201.57	1.169E+05	-5.27	1.078E+05	2.92
57	1.680E+03	4.620E+05	4.056E+05	12.22	5.326E+05	-15.28	5.094E+05	-10.26
58	1.683E+03	4.560E+05	4.321E+05	5.24	5.255E+05	-15.23	5.025E+05	-10.21
59	1.695E+03	4.830E+05	4.982E+05	-3.14	4.985E+05	-3.21	4.766E+05	1.33
60	1.706E+03	4.410E+05	5.325E+05	-20.74	4.761E+05	-7.96	4.551E+05	-3.19
61	1.718E+03	4.330E+05	5.699E+05	-31.61	4.546E+05	-4.99	4.344E+05	-.32
62	1.723E+03	4.310E+05	5.855E+05	-35.84	4.466E+05	-3.62	4.267E+05	1.00
63	1.732E+03	6.230E+05	6.057E+05	2.77	6.307E+05	-1.23	6.039E+05	3.06
64	1.742E+03	6.130E+05	5.980E+05	2.44	6.215E+05	-1.39	5.952E+05	2.90
65	1.755E+03	6.030E+05	5.880E+05	2.49	6.100E+05	-1.16	5.841E+05	3.13
66	1.767E+03	5.920E+05	5.787E+05	2.24	5.995E+05	-1.27	5.741E+05	3.02
67	1.780E+03	5.820E+05	5.692E+05	2.21	5.885E+05	-1.12	5.636E+05	3.16
68	1.793E+03	5.730E+05	5.599E+05	2.29	5.778E+05	-.83	5.533E+05	3.44
69	1.806E+03	5.640E+05	5.506E+05	2.37	5.673E+05	-.58	5.433E+05	3.68
70	1.819E+03	5.560E+05	5.416E+05	2.60	5.571E+05	-.19	5.335E+05	4.05
71	1.833E+03	5.480E+05	5.323E+05	2.86	5.463E+05	.31	5.232E+05	4.53
72	1.846E+03	5.400E+05	5.238E+05	3.00	5.366E+05	.63	5.139E+05	4.84
73	1.860E+03	5.330E+05	5.146E+05	3.46	5.263E+05	1.25	5.041E+05	5.43
74	1.874E+03	5.260E+05	5.060E+05	3.79	5.164E+05	1.83	4.945E+05	5.99
75	1.889E+03	5.200E+05	4.969E+05	4.44	5.059E+05	2.70	4.845E+05	6.82
76	1.903E+03	5.150E+05	4.884E+05	5.16	4.965E+05	3.60	4.755E+05	7.68
77	1.917E+03	5.070E+05	4.965E+05	2.08	4.872E+05	3.91	4.666E+05	7.97



78	1.918E+03	5.080E+05	4.972E+05	2.12	4.865E+05	4.22	4.660E+05	8.27
79	1.925E+03	5.820E+05	5.026E+05	13.63	5.468E+05	6.05	5.259E+05	9.64
80	1.933E+03	5.760E+05	5.088E+05	11.66	5.416E+05	5.97	5.210E+05	9.55
81	1.948E+03	5.650E+05	5.204E+05	7.89	5.322E+05	5.81	5.119E+05	9.40
82	1.964E+03	5.540E+05	5.163E+05	6.80	5.223E+05	5.72	5.025E+05	9.30
83	1.979E+03	5.430E+05	5.074E+05	6.56	5.133E+05	5.48	4.938E+05	9.06
84	1.995E+03	5.340E+05	4.978E+05	6.78	5.038E+05	5.65	4.848E+05	9.22
85	2.012E+03	5.220E+05	4.882E+05	6.48	4.940E+05	5.36	4.754E+05	8.93
86	2.028E+03	5.130E+05	4.793E+05	6.56	4.850E+05	5.46	4.668E+05	9.01
87	2.045E+03	5.040E+05	4.701E+05	6.73	4.756E+05	5.63	4.578E+05	9.17
88	2.062E+03	4.940E+05	4.610E+05	6.68	4.665E+05	5.57	4.490E+05	9.11
89	2.079E+03	4.840E+05	4.521E+05	6.59	4.575E+05	5.47	4.404E+05	9.01
90	2.097E+03	4.750E+05	4.430E+05	6.74	4.483E+05	5.63	4.315E+05	9.15
91	2.115E+03	4.650E+05	4.341E+05	6.65	4.392E+05	5.54	4.229E+05	9.06
92	2.133E+03	4.550E+05	4.253E+05	6.52	4.304E+05	5.40	4.144E+05	8.92
93	2.151E+03	4.470E+05	4.169E+05	6.73	4.218E+05	5.63	4.062E+05	9.14
94	2.170E+03	4.370E+05	4.082E+05	6.59	4.130E+05	5.50	3.977E+05	9.00
95	2.190E+03	4.290E+05	3.992E+05	6.93	4.039E+05	5.85	3.889E+05	9.34
96	2.209E+03	4.190E+05	3.911E+05	6.67	3.955E+05	5.61	3.809E+05	9.10
97	2.229E+03	4.100E+05	3.826E+05	6.68	3.869E+05	5.64	3.726E+05	9.12
98	2.249E+03	4.010E+05	3.744E+05	6.64	3.785E+05	5.61	3.646E+05	9.09
99	2.270E+03	3.910E+05	3.660E+05	6.39	3.699E+05	5.39	3.563E+05	8.87
100	2.291E+03	3.830E+05	3.579E+05	6.55	3.616E+05	5.58	3.483E+05	9.05
101	2.312E+03	3.730E+05	3.500E+05	6.17	3.535E+05	5.22	3.406E+05	8.70
102	2.334E+03	3.630E+05	3.419E+05	5.81	3.453E+05	4.88	3.327E+05	8.36
103	2.356E+03	3.560E+05	3.341E+05	6.14	3.373E+05	5.25	3.250E+05	8.71
104	2.379E+03	3.480E+05	3.262E+05	6.26	3.292E+05	5.40	3.172E+05	8.85
105	2.402E+03	3.390E+05	3.185E+05	6.04	3.213E+05	5.21	3.096E+05	8.66
106	2.426E+03	3.300E+05	3.108E+05	5.83	3.134E+05	5.03	3.020E+05	8.49
107	2.450E+03	3.230E+05	3.033E+05	6.11	3.057E+05	5.36	2.946E+05	8.79
108	2.474E+03	3.140E+05	2.960E+05	5.73	2.982E+05	5.02	2.874E+05	8.46
109	2.499E+03	3.060E+05	2.886E+05	5.68	2.907E+05	4.99	2.802E+05	8.43
110	2.525E+03	2.980E+05	2.812E+05	5.63	2.832E+05	4.98	2.729E+05	8.41
111	2.551E+03	2.890E+05	2.741E+05	5.15	2.759E+05	4.54	2.659E+05	7.99
112	2.577E+03	2.800E+05	2.672E+05	4.57	2.688E+05	4.00	2.591E+05	7.46
113	2.604E+03	2.740E+05	2.603E+05	5.01	2.617E+05	4.48	2.523E+05	7.92
114	2.632E+03	2.660E+05	2.533E+05	4.77	2.546E+05	4.27	2.455E+05	7.71
115	2.660E+03	2.590E+05	2.466E+05	4.79	2.478E+05	4.32	2.389E+05	7.75
116	2.689E+03	2.510E+05	2.399E+05	4.42	2.410E+05	3.99	2.324E+05	7.43
117	2.719E+03	2.430E+05	2.332E+05	4.01	2.342E+05	3.62	2.258E+05	7.07
118	2.749E+03	2.360E+05	2.268E+05	3.89	2.277E+05	3.53	2.195E+05	6.98
119	2.780E+03	2.290E+05	2.204E+05	3.75	2.212E+05	3.42	2.133E+05	6.87
120	2.812E+03	2.220E+05	2.140E+05	3.59	2.147E+05	3.28	2.071E+05	6.73
121	2.844E+03	2.150E+05	2.079E+05	3.31	2.085E+05	3.02	2.011E+05	6.46
122	2.877E+03	2.080E+05	2.018E+05	2.98	2.024E+05	2.70	1.952E+05	6.16
123	2.911E+03	2.020E+05	1.958E+05	3.08	1.963E+05	2.81	1.894E+05	6.26
124	2.945E+03	1.960E+05	1.900E+05	3.05	1.905E+05	2.80	1.838E+05	6.24
125	2.981E+03	1.890E+05	1.841E+05	2.57	1.846E+05	2.33	1.781E+05	5.78
126	3.017E+03	1.820E+05	1.785E+05	1.92	1.790E+05	1.67	1.726E+05	5.14
127	3.054E+03	1.770E+05	1.729E+05	2.29	1.734E+05	2.03	1.673E+05	5.48
128	3.093E+03	1.720E+05	1.673E+05	2.72	1.678E+05	2.44	1.619E+05	5.86
129	3.132E+03	1.660E+05	1.620E+05	2.44	1.625E+05	2.14	1.568E+05	5.56
130	3.172E+03	1.600E+05	1.567E+05	2.08	1.572E+05	1.74	1.517E+05	5.18



131	3.213E+03	1.550E+05	1.515E+05	2.26	1.521E+05	1.89	1.468E+05	5.31
132	3.255E+03	1.490E+05	1.464E+05	1.72	1.471E+05	1.30	1.419E+05	4.74
133	3.299E+03	1.440E+05	1.414E+05	1.83	1.420E+05	1.36	1.371E+05	4.78
134	3.343E+03	1.390E+05	1.365E+05	1.78	1.373E+05	1.25	1.325E+05	4.67
135	3.389E+03	1.340E+05	1.317E+05	1.72	1.325E+05	1.13	1.279E+05	4.54
136	3.436E+03	1.300E+05	1.270E+05	2.31	1.279E+05	1.65	1.234E+05	5.04
137	3.485E+03	1.260E+05	1.223E+05	2.92	1.232E+05	2.18	1.190E+05	5.54
138	3.534E+03	1.210E+05	1.179E+05	2.57	1.189E+05	1.76	1.148E+05	5.13
139	3.586E+03	1.170E+05	1.134E+05	3.08	1.145E+05	2.18	1.105E+05	5.52
140	3.638E+03	1.130E+05	1.092E+05	3.40	1.103E+05	2.43	1.065E+05	5.75
141	3.693E+03	1.090E+05	1.049E+05	3.76	1.060E+05	2.72	1.024E+05	6.02
142	3.749E+03	1.060E+05	1.008E+05	4.92	1.020E+05	3.81	9.851E+04	7.06
143	3.806E+03	1.030E+05	9.681E+04	6.01	9.803E+04	4.82	9.473E+04	8.03
144	3.866E+03	9.910E+04	9.285E+04	6.31	9.411E+04	5.03	9.095E+04	8.23
145	3.927E+03	9.490E+04	8.903E+04	6.18	9.034E+04	4.80	8.731E+04	8.00
146	3.990E+03	9.090E+04	8.533E+04	6.12	8.665E+04	4.67	8.376E+04	7.86
147	4.056E+03	8.740E+04	8.167E+04	6.55	8.300E+04	5.03	8.024E+04	8.19
148	4.124E+03	8.350E+04	7.811E+04	6.46	7.946E+04	4.84	7.682E+04	8.00
149	4.193E+03	7.990E+04	7.469E+04	6.52	7.606E+04	4.81	7.354E+04	7.96
150	4.266E+03	7.620E+04	7.132E+04	6.41	7.267E+04	4.63	7.028E+04	7.77
151	4.340E+03	7.280E+04	6.809E+04	6.47	6.944E+04	4.61	6.716E+04	7.75
152	4.418E+03	6.970E+04	6.489E+04	6.90	6.624E+04	4.96	6.408E+04	8.07
153	4.498E+03	6.640E+04	6.184E+04	6.87	6.317E+04	4.87	6.111E+04	7.97
154	4.582E+03	6.320E+04	5.882E+04	6.93	6.014E+04	4.84	5.818E+04	7.94
155	4.668E+03	6.050E+04	5.594E+04	7.54	5.724E+04	5.39	5.538E+04	8.46
156	4.758E+03	5.720E+04	5.312E+04	7.13	5.440E+04	4.89	5.265E+04	7.96
157	4.851E+03	5.450E+04	5.041E+04	7.50	5.167E+04	5.20	5.001E+04	8.25
158	4.948E+03	5.180E+04	4.778E+04	7.76	4.901E+04	5.39	4.744E+04	8.42
159	5.049E+03	4.930E+04	4.524E+04	8.25	4.643E+04	5.81	4.496E+04	8.81
160	5.154E+03	4.660E+04	4.277E+04	8.21	4.395E+04	5.69	4.256E+04	8.68
161	5.264E+03	4.400E+04	4.040E+04	8.19	4.154E+04	5.60	4.023E+04	8.58
162	5.378E+03	4.150E+04	3.811E+04	8.17	3.922E+04	5.49	3.799E+04	8.46
163	5.498E+03	3.920E+04	3.589E+04	8.45	3.697E+04	5.69	3.581E+04	8.64
164	5.623E+03	3.660E+04	3.377E+04	7.75	3.481E+04	4.90	3.373E+04	7.86
165	5.754E+03	3.460E+04	3.172E+04	8.34	3.272E+04	5.43	3.171E+04	8.36
166	5.891E+03	3.280E+04	2.975E+04	9.31	3.072E+04	6.35	2.977E+04	9.23
167	6.034E+03	3.050E+04	2.786E+04	8.64	2.880E+04	5.58	2.792E+04	8.47
168	6.185E+03	2.810E+04	2.605E+04	7.30	2.694E+04	4.11	2.612E+04	7.03
169	6.344E+03	2.620E+04	2.431E+04	7.21	2.516E+04	3.96	2.440E+04	6.86
170	6.511E+03	2.460E+04	2.265E+04	7.93	2.346E+04	4.64	2.275E+04	7.50
171	6.687E+03	2.280E+04	2.106E+04	7.62	2.183E+04	4.26	2.118E+04	7.12
172	6.872E+03	2.130E+04	1.956E+04	8.19	2.028E+04	4.80	1.968E+04	7.63
173	7.069E+03	1.980E+04	1.811E+04	8.54	1.879E+04	5.13	1.823E+04	7.92
174	7.277E+03	1.780E+04	1.674E+04	5.98	1.737E+04	2.43	1.686E+04	5.29
175	7.497E+03	1.680E+04	1.543E+04	8.14	1.602E+04	4.64	1.555E+04	7.42
176	7.732E+03	1.530E+04	1.419E+04	7.26	1.473E+04	3.71	1.431E+04	6.49
177	7.981E+03	1.420E+04	1.302E+04	8.31	1.352E+04	4.80	1.313E+04	7.53
178	8.247E+03	1.350E+04	1.191E+04	11.78	1.237E+04	8.40	1.201E+04	11.00

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
36	1154	7	70MC2	3	5.34E+00	2.58E+00	5.48E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	6.480E+04	6.147E+04	5.14	6.280E+04	3.09	6.075E+04	6.25		

2	5.895E+03	3.160E+04	2.969E+04	6.04	3.066E+04	2.97	2.972E+04	5.96
3	9.243E+03	9.180E+03	8.744E+03	4.75	9.066E+03	1.24	8.818E+03	3.95

IZ= 37

IZ= 38

IZ= 39

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
39	2102	7	81RA01	2	2.75E+00	2.95E+00	5.82E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.470E+03	5.325E+04	5.169E+04		2.94	5.147E+04	3.34	4.991E+04	6.26	
2	6.470E+03	3.372E+04	3.286E+04		2.55	3.287E+04	2.51	3.192E+04	5.35	

IZ= 40

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1165	16	66HU1	13	3.16E+00	3.64E+00	7.75E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	2.645E+05	2.540E+05		3.99	2.523E+05	4.63	2.340E+05	11.53	
2	1.739E+03	1.795E+05	1.748E+05		2.61	1.730E+05	3.60	1.609E+05	10.35	
3	1.922E+03	1.381E+05	1.374E+05		.52	1.355E+05	1.86	1.262E+05	8.59	
4	2.043E+03	1.186E+05	1.186E+05		.02	1.167E+05	1.64	1.088E+05	8.30	
5	2.166E+03	9.936E+04	1.029E+05		-3.52	1.010E+05	-1.65	9.424E+04	5.16	
6	3.444E+03	2.013E+05	1.924E+05		4.43	1.894E+05	5.89	1.832E+05	8.98	
7	4.089E+03	1.275E+05	1.233E+05		3.27	1.217E+05	4.54	1.179E+05	7.56	
8	4.510E+03	9.830E+04	9.533E+04		3.02	9.436E+04	4.01	9.142E+04	7.00	
9	5.414E+03	6.104E+04	5.866E+04		3.90	5.841E+04	4.31	5.665E+04	7.19	
10	6.404E+03	3.893E+04	3.739E+04		3.95	3.736E+04	4.02	3.628E+04	6.82	
11	7.478E+03	2.554E+04	2.463E+04		3.58	2.465E+04	3.50	2.396E+04	6.20	
12	8.040E+03	2.087E+04	2.025E+04		2.96	2.027E+04	2.86	1.972E+04	5.53	
13	9.440E+03	1.336E+04	1.313E+04		1.69	1.313E+04	1.69	1.279E+04	4.28	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1166	8	60EH1	7	5.75E+00	5.75E+00	5.82E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.516E+03	1.017E+05	9.499E+04		6.59	9.403E+04	7.54	9.111E+04	10.42	
2	5.420E+03	5.226E+04	5.848E+04		-11.91	5.824E+04	-11.44	5.649E+04	-8.09	
3	5.904E+03	4.556E+04	4.652E+04		-2.10	4.641E+04	-1.87	4.504E+04	1.15	
4	6.409E+03	3.531E+04	3.731E+04		-5.67	3.729E+04	-5.60	3.620E+04	-2.52	
5	7.484E+03	2.493E+04	2.457E+04		1.43	2.459E+04	1.35	2.390E+04	4.11	
6	8.053E+03	2.031E+04	2.017E+04		.71	2.019E+04	.61	1.963E+04	3.35	
7	8.644E+03	1.712E+04	1.666E+04		2.70	1.667E+04	2.62	1.622E+04	5.25	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1167	10	77MU1	2	1.61E+00	1.60E+00	1.45E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.960E+03	4.476E+04	4.535E+04		-1.31	4.526E+04	-1.12	4.392E+04	1.87	



2 8.140E+03 1.923E+04 1.959E+04 -1.86 1.961E+04 -1.97 1.907E+04 .83

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1168	10	77RA2	2	1.71E+00	1.70E+00	1.38E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	5.959E+03	4.476E+04	4.537E+04		-1.36	4.528E+04	-1.16	4.394E+04		1.83
2	8.136E+03	1.923E+04	1.961E+04		-1.99	1.963E+04	-2.10	1.910E+04		.70

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1169	2	74MA1	2	4.61E+00	4.64E+00	7.26E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	6.400E+03	3.984E+04	3.745E+04		5.99	3.743E+04	6.06	3.634E+04		8.79
2	7.058E+03	2.954E+04	2.878E+04		2.58	2.879E+04	2.53	2.797E+04		5.31

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1170	14	68H01	5	1.16E+00	1.15E+00	3.76E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	6.404E+03	3.817E+04	3.739E+04		2.04	3.736E+04	2.11	3.628E+04		4.96
2	6.930E+03	3.028E+04	3.023E+04		.16	3.024E+04	.12	2.938E+04		2.98
3	7.478E+03	2.495E+04	2.463E+04		1.30	2.465E+04	1.22	2.396E+04		3.98
4	8.040E+03	2.042E+04	2.025E+04		.82	2.027E+04	.72	1.972E+04		3.45
5	8.640E+03	1.675E+04	1.668E+04		.43	1.669E+04	.35	1.624E+04		3.04

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1171	7	69DE1	3	4.08E+00	4.03E+00	6.59E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.000E+03	2.136E+04	2.053E+04		3.90	2.055E+04	3.80	1.998E+04		6.45
2	8.398E+03	1.896E+04	1.801E+04		5.02	1.802E+04	4.94	1.753E+04		7.52
3	9.962E+03	1.172E+04	1.136E+04		3.08	1.135E+04	3.15	1.106E+04		5.66

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1172	1	53HU1	1	2.62E+00	2.52E+00	5.21E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.047E+03	2.075E+04	2.021E+04		2.62	2.023E+04	2.52	1.967E+04		5.21

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1173	3	64KA1	1	2.40E+00	2.30E+00	4.98E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.040E+03	2.075E+04	2.025E+04		2.40	2.027E+04	2.30	1.972E+04		4.98

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
40	1174	14	61SW1	3	2.64E+00	2.63E+00	4.93E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR
1	8.048E+03	2.030E+04	2.020E+04		.50	2.022E+04	.40	1.966E+04		3.14
2	8.639E+03	1.693E+04	1.668E+04		1.46	1.670E+04	1.38	1.625E+04		4.04
3	9.572E+03	1.322E+04	1.265E+04		4.31	1.265E+04	4.32	1.232E+04		6.83

IZ= 41

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1189	16	68H01	14	2.53E+00	2.76E+00	5.82E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR		PESR

1	1.740E+03	1.968E+05	1.929E+05	2.00	1.928E+05	2.04	1.796E+05	8.75
2	2.014E+03	1.345E+05	1.345E+05	.00	1.349E+05	-.27	1.259E+05	6.39
3	2.166E+03	1.105E+05	1.129E+05	-2.17	1.127E+05	-2.03	1.054E+05	4.64
4	2.308E+03	9.274E+04	9.723E+04	-4.84	9.634E+04	-3.89	9.014E+04	2.80
5	3.314E+03	2.353E+05	2.330E+05	.99	2.292E+05	2.60	2.217E+05	5.76
6	3.692E+03	1.796E+05	1.770E+05	1.44	1.739E+05	3.19	1.683E+05	6.27
7	4.512E+03	1.071E+05	1.050E+05	1.98	1.035E+05	3.34	1.003E+05	6.32
8	4.953E+03	8.420E+04	8.200E+04	2.62	8.119E+04	3.58	7.873E+04	6.49
9	5.414E+03	6.630E+04	6.467E+04	2.46	6.425E+04	3.09	6.235E+04	5.96
10	5.898E+03	5.290E+04	5.140E+04	2.84	5.121E+04	3.20	4.973E+04	6.00
11	6.404E+03	4.225E+04	4.117E+04	2.55	4.113E+04	2.64	3.996E+04	5.41
12	7.478E+03	2.783E+04	2.707E+04	2.72	2.717E+04	2.38	2.642E+04	5.07
13	8.040E+03	2.265E+04	2.224E+04	1.80	2.236E+04	1.29	2.175E+04	3.97
14	8.640E+03	1.897E+04	1.830E+04	3.54	1.841E+04	2.93	1.792E+04	5.51

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1190	14	66HU1	13	3.81E+00	3.89E+00	6.31E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.166E+03	1.078E+05	1.129E+05	-4.73	1.127E+05	-4.58	1.054E+05	2.25		
2	2.293E+03	9.534E+04	9.873E+04	-3.56	9.791E+04	-2.70	9.160E+04	3.92		
3	2.346E+03	9.240E+04	9.363E+04	-1.33	9.251E+04	-.12	8.658E+04	6.30		
4	4.510E+03	1.105E+05	1.051E+05	4.88	1.036E+05	6.21	1.004E+05	9.10		
5	4.949E+03	8.407E+04	8.218E+04	2.25	8.136E+04	3.22	7.890E+04	6.15		
6	5.414E+03	6.849E+04	6.467E+04	5.58	6.425E+04	6.19	6.235E+04	8.97		
7	5.898E+03	5.353E+04	5.140E+04	3.99	5.121E+04	4.34	4.973E+04	7.11		
8	6.404E+03	4.289E+04	4.117E+04	4.00	4.113E+04	4.09	3.996E+04	6.82		
9	6.930E+03	3.456E+04	3.326E+04	3.75	3.331E+04	3.60	3.238E+04	6.30		
10	7.478E+03	2.814E+04	2.707E+04	3.80	2.717E+04	3.46	2.642E+04	6.12		
11	8.040E+03	2.309E+04	2.224E+04	3.67	2.236E+04	3.17	2.175E+04	5.80		
12	8.640E+03	1.887E+04	1.830E+04	3.03	1.841E+04	2.41	1.792E+04	5.01		
13	9.245E+03	1.569E+04	1.523E+04	2.94	1.534E+04	2.25	1.494E+04	4.81		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1191	10	66HE1	8	2.39E+00	2.62E+00	5.31E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.511E+03	1.075E+05	1.050E+05	2.29	1.036E+05	3.65	1.004E+05	6.62		
2	4.932E+03	8.464E+04	8.294E+04	2.01	8.210E+04	3.01	7.961E+04	5.94		
3	5.415E+03	6.613E+04	6.464E+04	2.26	6.422E+04	2.89	6.232E+04	5.77		
4	6.404E+03	4.253E+04	4.117E+04	3.19	4.113E+04	3.28	3.996E+04	6.03		
5	7.058E+03	3.236E+04	3.166E+04	2.18	3.172E+04	1.97	3.084E+04	4.71		
6	8.048E+03	2.272E+04	2.218E+04	2.36	2.230E+04	1.85	2.169E+04	4.52		
7	8.905E+03	1.739E+04	1.686E+04	3.06	1.697E+04	2.40	1.652E+04	4.99		
8	9.442E+03	1.456E+04	1.438E+04	1.21	1.449E+04	.50	1.411E+04	3.10		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1192	13	61SW1	3	2.63E+00	2.02E+00	4.62E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.048E+03	2.271E+04	2.218E+04	2.32	2.230E+04	1.81	2.169E+04	4.47		
2	8.639E+03	1.888E+04	1.830E+04	3.05	1.842E+04	2.43	1.793E+04	5.04		
3	9.572E+03	1.421E+04	1.386E+04	2.46	1.396E+04	1.76	1.360E+04	4.31		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
41	1193	4	74MA1	2	3.18E+00	3.13E+00	5.86E+00			



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.400E+03	4.258E+04	4.124E+04	3.14	4.120E+04	3.23	4.003E+04	5.99
2	7.058E+03	3.271E+04	3.166E+04	3.22	3.172E+04	3.02	3.084E+04	5.72

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1203	12	68H01	10	2.94E+00	3.07E+00	6.56E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.014E+03	1.535E+05	1.513E+05	1.45	1.502E+05	2.12	1.404E+05	8.51	
2	2.166E+03	1.257E+05	1.265E+05	-.62	1.256E+05	.10	1.175E+05	6.49	
3	2.308E+03	1.064E+05	1.081E+05	-1.61	1.073E+05	-.87	1.006E+05	5.50	
4	3.314E+03	2.578E+05	2.505E+05	2.81	2.507E+05	2.77	2.427E+05	5.87	
5	3.692E+03	1.976E+05	1.912E+05	3.25	1.902E+05	3.75	1.842E+05	6.78	
6	4.512E+03	1.194E+05	1.141E+05	4.47	1.133E+05	5.11	1.099E+05	7.99	
7	4.953E+03	9.247E+04	8.928E+04	3.45	8.898E+04	3.77	8.633E+04	6.64	
8	5.414E+03	7.318E+04	7.054E+04	3.61	7.048E+04	3.69	6.842E+04	6.51	
9	5.898E+03	5.810E+04	5.614E+04	3.37	5.622E+04	3.24	5.459E+04	6.04	
10	8.640E+03	2.060E+04	2.007E+04	2.56	2.026E+04	1.66	1.973E+04	4.24	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1204	10	74PA1	5	6.92E+00	6.42E+00	8.95E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.900E+03	6.030E+04	5.609E+04	6.98	5.617E+04	6.85	5.454E+04	9.55	
2	6.400E+03	4.910E+04	4.511E+04	8.14	4.527E+04	7.80	4.398E+04	10.42	
3	7.100E+03	3.730E+04	3.412E+04	8.54	3.434E+04	7.93	3.339E+04	10.49	
4	8.000E+03	2.616E+04	2.472E+04	5.52	2.494E+04	4.67	2.427E+04	7.24	
5	8.900E+03	1.942E+04	1.852E+04	4.62	1.870E+04	3.72	1.821E+04	6.23	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1205	6	60EH1	5	6.57E+00	6.42E+00	6.23E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.904E+03	4.965E+04	5.599E+04	-12.77	5.607E+04	-12.92	5.445E+04	-9.66	
2	6.409E+03	4.527E+04	4.493E+04	.74	4.510E+04	.37	4.382E+04	3.20	
3	7.484E+03	2.930E+04	2.960E+04	-1.01	2.983E+04	-1.81	2.901E+04	.98	
4	8.053E+03	2.520E+04	2.428E+04	3.65	2.450E+04	2.79	2.384E+04	5.40	
5	8.644E+03	2.136E+04	2.005E+04	6.15	2.023E+04	5.28	1.970E+04	7.77	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1206	1	77SH1	1	6.36E+00	6.02E+00	8.69E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	4.817E+04	4.511E+04	6.36	4.527E+04	6.02	4.398E+04	8.69	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1207	12	69DE1	7	4.96E+00	4.11E+00	6.58E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.058E+03	3.670E+04	3.466E+04	5.55	3.489E+04	4.93	3.392E+04	7.58	
2	8.000E+03	2.597E+04	2.472E+04	4.83	2.494E+04	3.97	2.427E+04	6.56	
3	8.398E+03	2.278E+04	2.168E+04	4.84	2.188E+04	3.97	2.130E+04	6.52	
4	9.000E+03	1.896E+04	1.797E+04	5.21	1.814E+04	4.32	1.767E+04	6.80	
5	9.500E+03	1.661E+04	1.553E+04	6.53	1.568E+04	5.61	1.528E+04	8.03	
6	9.962E+03	1.415E+04	1.366E+04	3.49	1.380E+04	2.47	1.345E+04	4.95	



7 1.000E+04 1.401E+04 1.351E+04 3.54 1.366E+04 2.49 1.331E+04 4.97

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1208	2	53HU1	1	4.92E-01	1.39E+00	1.33E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	2.421E+04	2.433E+04		-.49	2.455E+04	-1.39	2.389E+04	1.33

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1209	3	64KA1	1	2.26E+00	1.38E+00	4.03E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	2.495E+04	2.439E+04		2.26	2.460E+04	1.38	2.394E+04	4.03

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1210	14	61SW1	3	2.01E+00	1.11E+00	3.68E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.048E+03	2.472E+04	2.432E+04		1.61	2.454E+04	.73	2.388E+04	3.40
2	8.639E+03	2.052E+04	2.008E+04		2.15	2.026E+04	1.24	1.973E+04	3.84
3	9.572E+03	1.556E+04	1.521E+04		2.22	1.536E+04	1.26	1.497E+04	3.79

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
42	1211	20	59DE1	3	2.30E+00	1.41E+00	3.93E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	2.496E+04	2.433E+04		2.53	2.455E+04	1.65	2.389E+04	4.29
2	8.904E+03	1.900E+04	1.850E+04		2.63	1.868E+04	1.71	1.819E+04	4.27
3	9.885E+03	1.417E+04	1.394E+04		1.59	1.409E+04	.56	1.373E+04	3.09

IZ= 43

IZ= 44

IZ= 45

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
45	1235	130	68EK1	103	2.59E+01	1.90E+01	1.68E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	2.988E+03	7.700E+04	7.557E+04		1.85	7.670E+04	.39	7.231E+04	6.09
2	2.990E+03	6.800E+04	7.543E+04		-10.93	7.657E+04	-12.60	7.218E+04	-6.15
3	2.992E+03	7.200E+04	8.459E+04		-17.49	7.643E+04	-6.16	7.206E+04	-.08
4	2.993E+03	6.700E+04	8.917E+04		-33.09	7.637E+04	-13.98	7.199E+04	-7.46
5	2.995E+03	6.800E+04	9.833E+04		-44.61	7.623E+04	-12.11	7.187E+04	-5.69
6	2.996E+03	7.700E+04	1.029E+05		-33.65	7.617E+04	1.08	7.181E+04	6.74
7	2.998E+03	7.700E+04	1.121E+05		-45.55	7.603E+04	1.26	7.168E+04	6.91
8	2.999E+03	8.400E+04	1.167E+05		-38.87	7.597E+04	9.56	7.162E+04	14.74
9	3.000E+03	9.100E+04	1.212E+05		-33.22	7.590E+04	16.59	7.156E+04	21.37
10	3.001E+03	1.030E+05	1.258E+05		-22.15	7.583E+04	26.38	7.149E+04	30.59
11	3.002E+03	1.440E+05	1.304E+05		9.45	7.577E+04	47.38	7.143E+04	50.39
12	3.003E+03	1.710E+05	1.350E+05		21.07	7.570E+04	55.73	7.137E+04	58.26
13	3.004E+03	3.450E+05	1.395E+05		59.55	2.585E+05	25.07	2.492E+05	27.78
14	3.005E+03	4.600E+05	1.441E+05		68.67	2.583E+05	43.86	2.489E+05	45.88
15	3.006E+03	4.120E+05	1.487E+05		63.91	2.580E+05	37.37	2.487E+05	39.63

16	3.007E+03	3.430E+05	1.533E+05	55.31	2.578E+05	24.84	2.485E+05	27.55
17	3.008E+03	2.730E+05	1.579E+05	42.17	2.576E+05	5.65	2.483E+05	9.06
18	3.009E+03	2.460E+05	1.624E+05	33.96	2.573E+05	-4.61	2.480E+05	- .83
19	3.010E+03	2.310E+05	1.670E+05	27.69	2.571E+05	-11.30	2.478E+05	-7.28
20	3.011E+03	2.150E+05	1.716E+05	20.18	2.569E+05	-19.47	2.476E+05	-15.16
21	3.012E+03	2.120E+05	1.762E+05	16.89	2.566E+05	-21.05	2.474E+05	-16.69
22	3.013E+03	2.050E+05	1.808E+05	11.82	2.564E+05	-25.07	2.471E+05	-20.56
23	3.015E+03	2.120E+05	1.899E+05	10.41	2.559E+05	-20.72	2.467E+05	-16.37
24	3.016E+03	2.100E+05	1.945E+05	7.38	2.557E+05	-21.76	2.465E+05	-17.37
25	3.018E+03	2.290E+05	2.037E+05	11.06	2.552E+05	-11.46	2.460E+05	-7.44
26	3.019E+03	2.390E+05	2.082E+05	12.87	2.550E+05	-6.70	2.458E+05	-2.85
27	3.021E+03	2.410E+05	2.174E+05	9.79	2.545E+05	-5.62	2.454E+05	-1.81
28	3.022E+03	2.290E+05	2.220E+05	3.06	2.543E+05	-11.06	2.451E+05	-7.05
29	3.024E+03	2.150E+05	2.311E+05	-7.51	2.539E+05	-18.07	2.447E+05	-13.82
30	3.026E+03	2.170E+05	2.403E+05	-10.74	2.534E+05	-16.77	2.443E+05	-12.56
31	3.027E+03	2.050E+05	2.449E+05	-19.45	2.532E+05	-23.50	2.440E+05	-19.05
32	3.029E+03	2.050E+05	2.540E+05	-23.92	2.527E+05	-23.28	2.436E+05	-18.83
33	3.030E+03	2.100E+05	2.538E+05	-20.87	2.525E+05	-20.23	2.434E+05	-15.90
34	3.032E+03	2.140E+05	2.534E+05	-18.42	2.520E+05	-17.77	2.430E+05	-13.53
35	3.033E+03	2.170E+05	2.532E+05	-16.69	2.518E+05	-16.04	2.427E+05	-11.86
36	3.035E+03	2.220E+05	2.528E+05	-13.88	2.514E+05	-13.22	2.423E+05	-9.14
37	3.036E+03	2.150E+05	2.526E+05	-17.49	2.511E+05	-16.81	2.421E+05	-12.60
38	3.038E+03	2.070E+05	2.522E+05	-21.83	2.507E+05	-21.10	2.416E+05	-16.74
39	3.134E+03	2.000E+05	2.855E+05	-42.77	2.307E+05	-15.36	2.224E+05	-11.21
40	3.135E+03	2.030E+05	2.874E+05	-41.60	2.305E+05	-13.56	2.222E+05	-9.47
41	3.137E+03	2.100E+05	2.912E+05	-38.69	2.301E+05	-9.59	2.219E+05	-5.65
42	3.138E+03	2.030E+05	2.932E+05	-44.41	2.300E+05	-13.28	2.217E+05	-9.20
43	3.139E+03	2.030E+05	2.951E+05	-45.35	2.298E+05	-13.18	2.215E+05	-9.11
44	3.140E+03	1.980E+05	2.970E+05	-49.98	2.296E+05	-15.95	2.213E+05	-11.78
45	3.141E+03	2.120E+05	2.989E+05	-40.97	2.294E+05	-8.20	2.211E+05	-4.31
46	3.142E+03	2.050E+05	3.008E+05	-46.72	2.292E+05	-11.80	2.210E+05	-7.78
47	3.143E+03	2.200E+05	3.027E+05	-37.58	2.290E+05	-4.10	2.208E+05	- .35
48	3.144E+03	2.170E+05	3.046E+05	-40.36	2.288E+05	-5.45	2.206E+05	-1.66
49	3.145E+03	2.380E+05	3.065E+05	-28.77	2.286E+05	3.93	2.204E+05	7.39
50	3.146E+03	2.490E+05	3.084E+05	-23.85	2.285E+05	8.25	2.202E+05	11.55
51	3.147E+03	3.610E+05	3.103E+05	14.05	3.153E+05	12.67	3.043E+05	15.71
52	3.148E+03	3.550E+05	3.122E+05	12.06	3.150E+05	11.26	3.040E+05	14.36
53	3.149E+03	3.160E+05	3.141E+05	.60	3.148E+05	.39	3.038E+05	3.86
54	3.150E+03	2.840E+05	3.160E+05	-11.27	3.145E+05	-10.75	3.036E+05	-6.89
55	3.151E+03	2.840E+05	3.157E+05	-11.18	3.143E+05	-10.67	3.033E+05	-6.81
56	3.152E+03	2.800E+05	3.155E+05	-12.68	3.141E+05	-12.16	3.031E+05	-8.25
57	3.153E+03	2.670E+05	3.153E+05	-18.07	3.138E+05	-17.53	3.029E+05	-13.43
58	3.154E+03	2.530E+05	3.150E+05	-24.51	3.136E+05	-23.94	3.026E+05	-19.62
59	3.155E+03	2.530E+05	3.148E+05	-24.41	3.133E+05	-23.84	3.024E+05	-19.53
60	3.156E+03	2.650E+05	3.145E+05	-18.68	3.131E+05	-18.15	3.022E+05	-14.02
61	3.157E+03	2.680E+05	3.143E+05	-17.26	3.128E+05	-16.73	3.019E+05	-12.66
62	3.158E+03	2.650E+05	3.140E+05	-18.50	3.126E+05	-17.96	3.017E+05	-13.85
63	3.159E+03	2.610E+05	3.138E+05	-20.22	3.124E+05	-19.68	3.015E+05	-15.51
64	3.160E+03	2.610E+05	3.135E+05	-20.12	3.121E+05	-19.59	3.012E+05	-15.42
65	3.161E+03	2.630E+05	3.133E+05	-19.12	3.119E+05	-18.59	3.010E+05	-14.45
66	3.162E+03	2.680E+05	3.130E+05	-16.80	3.116E+05	-16.29	3.008E+05	-12.23
67	3.164E+03	2.560E+05	3.125E+05	-22.08	3.112E+05	-21.55	3.003E+05	-17.31
68	3.166E+03	2.480E+05	3.120E+05	-25.82	3.107E+05	-25.28	2.999E+05	-20.91



69	3.168E+03	2.430E+05	3.115E+05	-28.21	3.102E+05	-27.66	2.994E+05	-23.21
70	3.169E+03	2.380E+05	3.113E+05	-30.80	3.100E+05	-30.24	2.992E+05	-25.70
71	3.171E+03	2.410E+05	3.108E+05	-28.96	3.095E+05	-28.42	2.987E+05	-23.94
72	3.172E+03	2.440E+05	3.106E+05	-27.28	3.093E+05	-26.75	2.985E+05	-22.33
73	3.174E+03	2.510E+05	3.101E+05	-23.53	3.088E+05	-23.02	2.980E+05	-18.73
74	3.176E+03	2.550E+05	3.096E+05	-21.40	3.083E+05	-20.91	2.976E+05	-16.69
75	3.178E+03	2.530E+05	3.091E+05	-22.16	3.078E+05	-21.68	2.971E+05	-17.43
76	3.400E+03	2.270E+05	2.606E+05	-14.81	2.608E+05	-14.88	2.517E+05	-10.87
77	3.402E+03	2.270E+05	2.602E+05	-14.64	2.604E+05	-14.71	2.513E+05	-10.71
78	3.404E+03	2.290E+05	2.598E+05	-13.47	2.600E+05	-13.54	2.509E+05	-9.58
79	3.406E+03	2.290E+05	2.604E+05	-13.69	2.596E+05	-13.37	2.506E+05	-9.42
80	3.407E+03	2.320E+05	2.611E+05	-12.53	2.594E+05	-11.83	2.504E+05	-7.93
81	3.410E+03	2.310E+05	2.632E+05	-13.94	2.589E+05	-12.06	2.498E+05	-8.15
82	3.411E+03	2.340E+05	2.639E+05	-12.79	2.587E+05	-10.54	2.497E+05	-6.69
83	3.413E+03	2.340E+05	2.654E+05	-13.40	2.957E+05	-26.36	2.864E+05	-22.40
84	3.415E+03	2.380E+05	2.668E+05	-12.09	2.953E+05	-24.06	2.860E+05	-20.17
85	3.417E+03	2.390E+05	2.682E+05	-12.22	2.948E+05	-23.36	2.856E+05	-19.50
86	3.419E+03	2.440E+05	2.696E+05	-10.51	2.944E+05	-20.66	2.852E+05	-16.88
87	3.421E+03	2.440E+05	2.711E+05	-11.09	2.940E+05	-20.49	2.848E+05	-16.72
88	3.423E+03	2.460E+05	2.725E+05	-10.77	2.936E+05	-19.34	2.844E+05	-15.60
89	3.425E+03	2.510E+05	2.739E+05	-9.13	2.932E+05	-16.79	2.840E+05	-13.14
90	3.426E+03	2.510E+05	2.746E+05	-9.41	2.929E+05	-16.71	2.838E+05	-13.06
91	3.428E+03	2.560E+05	2.761E+05	-7.83	2.925E+05	-14.27	2.834E+05	-10.69
92	3.430E+03	2.580E+05	2.775E+05	-7.55	2.921E+05	-13.22	2.830E+05	-9.68
93	3.432E+03	2.600E+05	2.789E+05	-7.27	2.917E+05	-12.19	2.826E+05	-8.68
94	3.434E+03	2.600E+05	2.803E+05	-7.82	2.913E+05	-12.03	2.822E+05	-8.53
95	3.436E+03	2.560E+05	2.818E+05	-10.06	2.909E+05	-13.62	2.818E+05	-10.07
96	3.438E+03	2.530E+05	2.832E+05	-11.93	2.905E+05	-14.81	2.814E+05	-11.21
97	3.440E+03	2.550E+05	2.846E+05	-11.62	2.900E+05	-13.74	2.810E+05	-10.19
98	3.442E+03	2.550E+05	2.860E+05	-12.18	2.896E+05	-13.58	2.806E+05	-10.03
99	3.444E+03	2.460E+05	2.875E+05	-16.86	2.892E+05	-17.57	2.802E+05	-13.89
100	3.446E+03	2.510E+05	2.889E+05	-15.10	2.888E+05	-15.07	2.798E+05	-11.47
101	3.448E+03	2.460E+05	2.903E+05	-18.02	2.884E+05	-17.24	2.794E+05	-13.57
102	3.450E+03	2.550E+05	2.908E+05	-14.06	2.880E+05	-12.94	2.790E+05	-9.41
103	3.452E+03	2.510E+05	2.904E+05	-15.71	2.876E+05	-14.58	2.786E+05	-11.00

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
45	1236	3	64KA1	1	1.83E+00	1.56E+00	4.15E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.040E+03	3.280E+04	3.220E+04		1.83	3.229E+04	1.56	3.144E+04	4.15	

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
46	1239	12	66HU1	12	3.36E+00	3.55E+00	6.15E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.422E+03	1.431E+05	1.473E+05		-2.90	1.426E+05	.37	1.343E+05	6.12	
2	2.839E+03	9.611E+04	9.732E+04		-1.25	9.598E+04	.13	9.068E+04	5.65	
3	2.984E+03	8.356E+04	8.507E+04		-1.81	8.471E+04	-1.37	8.010E+04	4.14	
4	3.134E+03	7.296E+04	7.432E+04		-1.87	7.487E+04	-2.62	7.087E+04	2.87	
5	5.415E+03	1.026E+05	1.005E+05		2.01	9.932E+04	3.20	9.656E+04	5.89	
6	5.899E+03	8.286E+04	8.045E+04		2.91	7.955E+04	4.00	7.738E+04	6.61	

7	6.404E+03	6.696E+04	6.479E+04	3.25	6.419E+04	4.13	6.248E+04	6.69
8	6.930E+03	5.441E+04	5.252E+04	3.48	5.216E+04	4.14	5.079E+04	6.65
9	7.478E+03	4.452E+04	4.283E+04	3.79	4.265E+04	4.21	4.154E+04	6.69
10	8.048E+03	3.675E+04	3.514E+04	4.38	3.508E+04	4.54	3.419E+04	6.97
11	8.639E+03	3.053E+04	2.901E+04	4.98	2.904E+04	4.88	2.831E+04	7.26
12	9.886E+03	2.117E+04	2.011E+04	5.00	2.023E+04	4.42	1.975E+04	6.73

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
46	1240	149	62N01	111	1.80E+01	1.21E+01	1.34E+01			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.159E+03	8.200E+04	1.098E+05	-33.85	7.339E+04	10.50	6.947E+04	15.28		
2	3.160E+03	8.900E+04	1.138E+05	-27.88	7.333E+04	17.61	6.942E+04	22.00		
3	3.162E+03	8.200E+04	1.219E+05	-48.68	7.321E+04	10.72	6.931E+04	15.48		
4	3.163E+03	8.600E+04	1.260E+05	-46.48	7.315E+04	14.94	6.925E+04	19.47		
5	3.165E+03	9.200E+04	1.341E+05	-45.75	7.304E+04	20.61	6.914E+04	24.85		
6	3.166E+03	8.700E+04	1.381E+05	-58.78	7.298E+04	16.12	6.909E+04	20.59		
7	3.167E+03	9.900E+04	1.422E+05	-43.63	7.292E+04	26.34	6.903E+04	30.27		
8	3.168E+03	9.500E+04	1.463E+05	-53.95	7.286E+04	23.30	6.898E+04	27.39		
9	3.169E+03	9.800E+04	1.503E+05	-53.37	7.280E+04	25.71	6.892E+04	29.67		
10	3.170E+03	9.500E+04	1.544E+05	-62.49	7.275E+04	23.43	6.887E+04	27.51		
11	3.171E+03	1.100E+05	1.584E+05	-44.02	7.269E+04	33.92	6.881E+04	37.44		
12	3.172E+03	1.580E+05	1.625E+05	-2.83	7.263E+04	54.03	6.876E+04	56.48		
13	3.173E+03	2.050E+05	1.665E+05	18.77	7.257E+04	64.60	6.871E+04	66.48		
14	3.174E+03	3.250E+05	1.706E+05	47.51	2.393E+05	26.36	2.310E+05	28.93		
15	3.175E+03	3.040E+05	1.746E+05	42.55	2.392E+05	21.33	2.308E+05	24.07		
16	3.176E+03	2.670E+05	1.787E+05	33.07	2.390E+05	10.49	2.307E+05	13.61		
17	3.177E+03	2.370E+05	1.827E+05	22.89	2.388E+05	-.78	2.305E+05	2.75		
18	3.178E+03	2.130E+05	1.868E+05	12.30	2.387E+05	-12.05	2.303E+05	-8.14		
19	3.179E+03	2.100E+05	1.909E+05	9.12	2.385E+05	-13.57	2.302E+05	-9.61		
20	3.180E+03	2.040E+05	1.949E+05	4.45	2.383E+05	-16.83	2.300E+05	-12.75		
21	3.181E+03	2.080E+05	1.990E+05	4.34	2.382E+05	-14.51	2.299E+05	-10.51		
22	3.182E+03	2.190E+05	2.030E+05	7.30	2.380E+05	-8.68	2.297E+05	-4.88		
23	3.183E+03	2.170E+05	2.071E+05	4.57	2.378E+05	-9.60	2.295E+05	-5.78		
24	3.184E+03	2.210E+05	2.111E+05	4.46	2.377E+05	-7.55	2.294E+05	-3.79		
25	3.185E+03	2.350E+05	2.152E+05	8.43	2.375E+05	-1.07	2.292E+05	2.46		
26	3.186E+03	2.390E+05	2.192E+05	8.27	2.373E+05	.69	2.291E+05	4.16		
27	3.187E+03	2.390E+05	2.233E+05	6.57	2.372E+05	.76	2.289E+05	4.23		
28	3.189E+03	2.440E+05	2.314E+05	5.16	2.368E+05	2.93	2.286E+05	6.32		
29	3.191E+03	2.340E+05	2.395E+05	-2.36	2.365E+05	-1.08	2.283E+05	2.45		
30	3.193E+03	2.310E+05	2.391E+05	-3.53	2.362E+05	-2.25	2.279E+05	1.32		
31	3.194E+03	2.250E+05	2.390E+05	-6.21	2.360E+05	-4.90	2.278E+05	-1.24		
32	3.196E+03	2.290E+05	2.386E+05	-4.19	2.357E+05	-2.93	2.275E+05	.67		
33	3.198E+03	2.240E+05	2.382E+05	-6.35	2.354E+05	-5.08	2.272E+05	-1.41		
34	3.199E+03	2.310E+05	2.380E+05	-3.05	2.352E+05	-1.82	2.270E+05	1.73		
35	3.202E+03	2.370E+05	2.375E+05	-.20	2.347E+05	.96	2.265E+05	4.42		
36	3.203E+03	2.360E+05	2.373E+05	-.55	2.346E+05	.61	2.264E+05	4.08		
37	3.204E+03	2.390E+05	2.371E+05	.79	2.344E+05	1.93	2.262E+05	5.35		
38	3.205E+03	2.400E+05	2.369E+05	1.28	2.342E+05	2.40	2.261E+05	5.81		
39	3.206E+03	2.380E+05	2.367E+05	.53	2.341E+05	1.65	2.259E+05	5.08		
40	3.207E+03	2.290E+05	2.366E+05	-3.30	2.339E+05	-2.14	2.257E+05	1.42		
41	3.209E+03	2.270E+05	2.362E+05	-4.05	2.336E+05	-2.90	2.254E+05	.69		
42	3.210E+03	2.280E+05	2.360E+05	-3.51	2.334E+05	-2.38	2.253E+05	1.20		
43	3.212E+03	2.300E+05	2.356E+05	-2.45	2.331E+05	-1.35	2.250E+05	2.19		



44	3.214E+03	2.340E+05	2.353E+05	-.54	2.328E+05	.52	2.247E+05	3.99
45	3.216E+03	2.280E+05	2.349E+05	-3.02	2.325E+05	-1.95	2.243E+05	1.60
46	3.217E+03	2.190E+05	2.347E+05	-7.17	2.323E+05	-6.07	2.242E+05	-2.37
47	3.219E+03	2.180E+05	2.343E+05	-7.49	2.320E+05	-6.41	2.239E+05	-2.70
48	3.221E+03	2.300E+05	2.340E+05	-1.72	2.317E+05	-.72	2.236E+05	2.80
49	3.222E+03	2.310E+05	2.338E+05	-1.20	2.315E+05	-.21	2.234E+05	3.28
50	3.317E+03	2.210E+05	2.172E+05	1.70	2.168E+05	1.90	2.093E+05	5.31
51	3.319E+03	2.190E+05	2.205E+05	-.69	2.165E+05	1.14	2.090E+05	4.58
52	3.321E+03	2.210E+05	2.238E+05	-1.26	2.162E+05	2.17	2.087E+05	5.57
53	3.323E+03	2.190E+05	2.271E+05	-3.68	2.159E+05	1.41	2.084E+05	4.84
54	3.325E+03	2.230E+05	2.303E+05	-3.29	2.156E+05	3.31	2.081E+05	6.68
55	3.326E+03	2.170E+05	2.320E+05	-6.89	2.155E+05	.71	2.080E+05	4.17
56	3.327E+03	2.190E+05	2.336E+05	-6.67	2.153E+05	1.68	2.078E+05	5.11
57	3.328E+03	2.230E+05	2.352E+05	-5.49	2.152E+05	3.51	2.077E+05	6.87
58	3.329E+03	2.350E+05	2.369E+05	-.80	2.150E+05	8.50	2.075E+05	11.69
59	3.330E+03	2.540E+05	2.385E+05	6.10	2.149E+05	15.41	2.074E+05	18.35
60	3.331E+03	2.810E+05	2.401E+05	14.54	2.940E+05	-4.63	2.840E+05	-1.08
61	3.332E+03	2.920E+05	2.418E+05	17.20	2.938E+05	-.62	2.838E+05	2.80
62	3.333E+03	2.840E+05	2.434E+05	14.29	2.936E+05	-3.38	2.836E+05	.13
63	3.334E+03	2.720E+05	2.451E+05	9.91	2.934E+05	-7.87	2.834E+05	-4.20
64	3.336E+03	2.700E+05	2.483E+05	8.03	2.930E+05	-8.52	2.830E+05	-4.83
65	3.338E+03	2.700E+05	2.516E+05	6.82	2.926E+05	-8.36	2.826E+05	-4.68
66	3.340E+03	2.740E+05	2.549E+05	6.98	2.922E+05	-6.63	2.823E+05	-3.01
67	3.341E+03	2.770E+05	2.565E+05	7.40	2.920E+05	-5.40	2.821E+05	-1.83
68	3.342E+03	2.860E+05	2.581E+05	9.74	2.918E+05	-2.02	2.819E+05	1.45
69	3.344E+03	2.910E+05	2.614E+05	10.17	2.914E+05	-.12	2.815E+05	3.28
70	3.346E+03	2.880E+05	2.647E+05	8.10	2.910E+05	-1.03	2.811E+05	2.40
71	3.347E+03	2.920E+05	2.663E+05	8.79	2.908E+05	.43	2.809E+05	3.81
72	3.349E+03	2.890E+05	2.696E+05	6.72	2.903E+05	-.47	2.805E+05	2.94
73	3.352E+03	2.870E+05	2.745E+05	4.36	2.897E+05	-.96	2.799E+05	2.47
74	3.353E+03	2.860E+05	2.761E+05	3.45	2.895E+05	-1.24	2.797E+05	2.20
75	3.355E+03	2.870E+05	2.794E+05	2.64	2.891E+05	-.74	2.793E+05	2.68
76	3.357E+03	2.890E+05	2.827E+05	2.19	2.887E+05	.09	2.789E+05	3.48
77	3.592E+03	2.630E+05	2.489E+05	5.35	2.459E+05	6.52	2.376E+05	9.67
78	3.594E+03	2.640E+05	2.499E+05	5.34	2.455E+05	7.00	2.372E+05	10.13
79	3.596E+03	2.660E+05	2.509E+05	5.69	2.452E+05	7.82	2.369E+05	10.93
80	3.599E+03	2.610E+05	2.523E+05	3.32	2.447E+05	6.25	2.364E+05	9.41
81	3.601E+03	2.630E+05	2.533E+05	3.68	2.444E+05	7.09	2.361E+05	10.22
82	3.603E+03	2.640E+05	2.543E+05	3.68	2.440E+05	7.57	2.358E+05	10.68
83	3.604E+03	2.690E+05	2.548E+05	5.29	2.439E+05	9.35	2.356E+05	12.40
84	3.605E+03	2.700E+05	2.553E+05	5.46	2.795E+05	-3.51	2.710E+05	-.37
85	3.606E+03	2.690E+05	2.558E+05	4.93	2.793E+05	-3.82	2.708E+05	-.68
86	3.607E+03	2.750E+05	2.562E+05	6.82	2.791E+05	-1.49	2.706E+05	1.58
87	3.609E+03	2.740E+05	2.572E+05	6.13	2.787E+05	-1.72	2.703E+05	1.36
88	3.610E+03	2.780E+05	2.577E+05	7.30	2.785E+05	-.19	2.701E+05	2.84
89	3.611E+03	2.810E+05	2.582E+05	8.12	2.783E+05	.94	2.699E+05	3.94
90	3.612E+03	2.820E+05	2.587E+05	8.27	2.782E+05	1.36	2.697E+05	4.35
91	3.613E+03	2.800E+05	2.592E+05	7.44	2.780E+05	.72	2.696E+05	3.73
92	3.614E+03	2.830E+05	2.597E+05	8.25	2.778E+05	1.84	2.694E+05	4.81
93	3.615E+03	2.810E+05	2.601E+05	7.42	2.776E+05	1.21	2.692E+05	4.20
94	3.616E+03	2.860E+05	2.606E+05	8.87	2.774E+05	3.00	2.690E+05	5.94
95	3.618E+03	2.910E+05	2.616E+05	10.10	2.770E+05	4.80	2.687E+05	7.68
96	3.619E+03	2.930E+05	2.621E+05	10.55	2.769E+05	5.51	2.685E+05	8.37



97	3.620E+03	2.970E+05	2.626E+05	11.59	2.767E+05	6.84	2.683E+05	9.66
98	3.621E+03	2.950E+05	2.631E+05	10.83	2.765E+05	6.28	2.681E+05	9.11
99	3.622E+03	2.910E+05	2.636E+05	9.43	2.763E+05	5.05	2.679E+05	7.92
100	3.623E+03	2.920E+05	2.640E+05	9.57	2.761E+05	5.44	2.678E+05	8.30
101	3.624E+03	2.920E+05	2.645E+05	9.41	2.759E+05	5.50	2.676E+05	8.36
102	3.625E+03	2.930E+05	2.650E+05	9.55	2.757E+05	5.89	2.674E+05	8.73
103	3.627E+03	2.900E+05	2.660E+05	8.28	2.754E+05	5.04	2.671E+05	7.91
104	3.630E+03	2.860E+05	2.675E+05	6.48	2.748E+05	3.91	2.665E+05	6.81
105	3.632E+03	2.810E+05	2.684E+05	4.47	2.745E+05	2.33	2.662E+05	5.28
106	3.634E+03	2.830E+05	2.688E+05	5.04	2.741E+05	3.15	2.658E+05	6.07
107	3.637E+03	2.860E+05	2.682E+05	6.21	2.735E+05	4.35	2.653E+05	7.24
108	3.639E+03	2.880E+05	2.679E+05	6.97	2.732E+05	5.14	2.649E+05	8.01
109	3.641E+03	2.870E+05	2.676E+05	6.77	2.728E+05	4.94	2.646E+05	7.81
110	3.643E+03	2.860E+05	2.672E+05	6.56	2.725E+05	4.73	2.642E+05	7.61
111	3.645E+03	2.880E+05	2.669E+05	7.32	2.721E+05	5.52	2.639E+05	8.37

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
46	1241	3	64KA1	1	2.24E+00	2.40E+00	4.89E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.040E+03	3.604E+04	3.523E+04		2.24	3.518E+04	2.40	3.428E+04	4.89

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
46	1242	19	59DE1	2	2.17E+00	2.04E+00	4.32E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	3.532E+04	3.515E+04		.48	3.509E+04	.64	3.420E+04	3.17
2	8.904E+03	2.756E+04	2.672E+04		3.03	2.679E+04	2.81	2.612E+04	5.23

IZ= 47

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1254	10	64CO3	6	5.28E+00	6.27E+00	1.26E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.033E+03	1.241E+06	1.186E+06		4.45	1.172E+06	5.57	1.089E+06	12.25
2	1.127E+03	1.041E+06	9.728E+05		6.55	9.629E+05	7.50	8.959E+05	13.94
3	1.234E+03	8.293E+05	7.911E+05		4.61	7.840E+05	5.46	7.303E+05	11.93
4	1.385E+03	6.448E+05	6.089E+05		5.56	6.018E+05	6.67	5.615E+05	12.92
5	1.540E+03	5.033E+05	4.761E+05		5.41	4.699E+05	6.63	4.391E+05	12.76
6	1.739E+03	3.725E+05	3.546E+05		4.81	3.519E+05	5.52	3.294E+05	11.56

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1256	13	36BI1	13	6.37E+00	5.77E+00	1.02E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.256E+03	8.438E+05	7.602E+05		9.91	7.531E+05	10.75	7.017E+05	16.84
2	1.490E+03	5.633E+05	5.155E+05		8.49	5.078E+05	9.86	4.742E+05	15.81
3	1.744E+03	3.819E+05	3.521E+05		7.80	3.495E+05	8.48	3.272E+05	14.33
4	2.019E+03	2.685E+05	2.453E+05		8.64	2.452E+05	8.69	2.300E+05	14.34
5	2.312E+03	1.814E+05	1.752E+05		3.43	1.758E+05	3.06	1.653E+05	8.87
6	2.627E+03	1.304E+05	1.276E+05		2.18	1.282E+05	1.71	1.207E+05	7.43
7	3.320E+03	7.415E+04	8.242E+04		-11.15	7.129E+04	3.86	6.736E+04	9.15
8	3.698E+03	2.500E+05	2.427E+05		2.92	2.464E+05	1.45	2.381E+05	4.77
9	4.097E+03	2.259E+05	2.167E+05		4.09	2.206E+05	2.33	2.140E+05	5.27
10	4.517E+03	1.782E+05	1.702E+05		4.46	1.724E+05	3.27	1.673E+05	6.12

11	4.960E+03	1.386E+05	1.344E+05	3.03	1.351E+05	2.55	1.312E+05	5.35
12	5.423E+03	1.114E+05	1.069E+05	4.07	1.072E+05	3.77	1.042E+05	6.49
13	5.907E+03	8.830E+04	8.555E+04	3.11	8.599E+04	2.62	8.359E+04	5.33

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1257	21	28J01	19	2.37E+01	2.30E+01	1.92E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	4.870E+05	7.602E+05	-56.09	7.531E+05	-54.64	7.017E+05	-44.08	
2	1.490E+03	3.170E+05	5.155E+05	-62.61	5.078E+05	-60.18	4.742E+05	-49.60	
3	1.780E+03	2.260E+05	3.348E+05	-48.14	3.328E+05	-47.24	3.116E+05	-37.87	
4	2.300E+03	1.526E+05	1.775E+05	-16.29	1.781E+05	-16.72	1.674E+05	-9.72	
5	2.840E+03	9.650E+04	1.052E+05	-9.02	1.055E+05	-9.35	9.950E+04	-3.11	
6	2.990E+03	8.260E+04	9.270E+04	-12.23	9.277E+04	-12.31	8.753E+04	-5.97	
7	3.450E+03	2.436E+05	2.109E+05	13.41	2.124E+05	12.82	2.049E+05	15.87	
8	3.610E+03	2.615E+05	2.577E+05	1.45	2.612E+05	.10	2.524E+05	3.47	
9	3.700E+03	2.350E+05	2.424E+05	-3.14	2.460E+05	-4.70	2.378E+05	-1.17	
10	4.100E+03	2.380E+05	2.163E+05	9.13	2.202E+05	7.47	2.136E+05	10.25	
11	4.520E+03	1.657E+05	1.700E+05	-2.57	1.721E+05	-3.85	1.670E+05	-.79	
12	4.960E+03	1.247E+05	1.344E+05	-7.78	1.351E+05	-8.32	1.312E+05	-5.20	
13	6.410E+03	7.290E+04	6.900E+04	5.35	6.954E+04	4.61	6.763E+04	7.23	
14	6.940E+03	6.040E+04	5.589E+04	7.47	5.647E+04	6.51	5.494E+04	9.04	
15	7.480E+03	5.100E+04	4.576E+04	10.27	4.633E+04	9.15	4.510E+04	11.57	
16	8.050E+03	3.800E+04	3.758E+04	1.10	3.813E+04	-.35	3.713E+04	2.29	
17	8.650E+03	3.460E+04	3.097E+04	10.49	3.149E+04	8.99	3.068E+04	11.34	
18	8.920E+03	3.130E+04	2.851E+04	8.93	2.901E+04	7.32	2.827E+04	9.69	
19	9.590E+03	2.615E+04	2.344E+04	10.36	2.390E+04	8.61	2.330E+04	10.90	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1258	1	75LU1	1	2.31E+00	3.77E+00	1.01E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.486E+03	5.310E+05	5.188E+05	2.31	5.110E+05	3.77	4.772E+05	10.13	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1259	19	38AN1	18	4.01E+01	4.60E+01	4.42E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	5.500E+05	5.179E+05	5.83	5.102E+05	7.24	4.765E+05	13.37	
2	1.740E+03	3.840E+05	3.541E+05	7.79	3.514E+05	8.48	3.290E+05	14.33	
3	2.042E+03	2.470E+05	2.385E+05	3.42	2.385E+05	3.45	2.238E+05	9.41	
4	2.293E+03	1.810E+05	1.788E+05	1.20	1.795E+05	.85	1.687E+05	6.80	
5	2.395E+03	1.621E+05	1.605E+05	1.01	1.612E+05	.56	1.516E+05	6.47	
6	2.622E+03	1.368E+05	1.282E+05	6.31	1.288E+05	5.87	1.213E+05	11.34	
7	2.821E+03	1.127E+05	1.070E+05	5.08	1.073E+05	4.78	1.012E+05	10.23	
8	2.984E+03	9.260E+04	9.316E+04	-.61	9.323E+04	-.68	8.797E+04	5.00	
9	3.151E+03	8.220E+04	8.154E+04	.80	8.132E+04	1.07	7.679E+04	6.58	
10	3.356E+03	7.720E+04	2.077E+05	-169.08	2.274E+05	-194.56	2.194E+05	-184.21	
11	3.691E+03	2.600E+05	2.438E+05	6.22	2.475E+05	4.80	2.392E+05	8.01	
12	4.090E+03	2.360E+05	2.175E+05	7.82	2.216E+05	6.12	2.149E+05	8.94	
13	4.510E+03	1.804E+05	1.709E+05	5.26	1.731E+05	4.06	1.680E+05	6.89	
14	4.952E+03	1.395E+05	1.350E+05	3.25	1.356E+05	2.77	1.317E+05	5.57	
15	5.414E+03	1.096E+05	1.073E+05	2.07	1.077E+05	1.77	1.046E+05	4.55	
16	6.403E+03	7.060E+04	6.920E+04	1.98	6.974E+04	1.22	6.782E+04	3.94	
17	7.477E+03	4.730E+04	4.581E+04	3.15	4.638E+04	1.94	4.515E+04	4.56	
18	8.047E+03	3.890E+04	3.762E+04	3.29	3.817E+04	1.88	3.717E+04	4.46	



ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1260	18	68H01	16	4.46E+00	4.18E+00	8.20E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.487E+03	5.547E+05	5.179E+05	6.63	5.102E+05	8.03	4.765E+05	14.10		
2	1.740E+03	3.772E+05	3.541E+05	6.13	3.514E+05	6.83	3.290E+05	12.78		
3	2.014E+03	2.633E+05	2.468E+05	6.27	2.466E+05	6.32	2.314E+05	12.12		
4	2.166E+03	2.159E+05	2.060E+05	4.57	2.064E+05	4.38	1.939E+05	10.20		
5	2.257E+03	1.920E+05	1.860E+05	3.13	1.866E+05	2.82	1.753E+05	8.67		
6	2.308E+03	1.826E+05	1.759E+05	3.66	1.766E+05	3.29	1.660E+05	9.08		
7	2.622E+03	1.322E+05	1.282E+05	3.05	1.288E+05	2.59	1.213E+05	8.26		
8	3.314E+03	6.847E+04	7.214E+04	-5.36	7.161E+04	-4.59	6.767E+04	1.17		
9	3.692E+03	2.516E+05	2.437E+05	3.15	2.474E+05	1.69	2.390E+05	5.00		
10	4.012E+03	2.416E+05	2.280E+05	5.64	2.321E+05	3.92	2.251E+05	6.81		
11	4.512E+03	1.767E+05	1.707E+05	3.38	1.729E+05	2.17	1.678E+05	5.05		
12	5.414E+03	1.136E+05	1.073E+05	5.51	1.077E+05	5.23	1.046E+05	7.91		
13	5.898E+03	8.793E+04	8.589E+04	2.32	8.633E+04	1.82	8.392E+04	4.56		
14	6.404E+03	7.052E+04	6.917E+04	1.91	6.971E+04	1.14	6.779E+04	3.87		
15	7.478E+03	4.689E+04	4.579E+04	2.34	4.637E+04	1.12	4.513E+04	3.76		
16	8.640E+03	3.240E+04	3.107E+04	4.11	3.159E+04	2.52	3.077E+04	5.03		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1261	12	60EH1	11	9.06E+00	8.38E+00	6.43E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.312E+03	1.687E+05	1.752E+05	-3.84	1.758E+05	-4.24	1.653E+05	2.01		
2	2.627E+03	1.249E+05	1.276E+05	-2.12	1.282E+05	-2.61	1.207E+05	3.35		
3	3.318E+03	6.371E+04	7.546E+04	-18.44	7.140E+04	-12.06	6.747E+04	-5.90		
4	3.697E+03	2.275E+05	2.429E+05	-6.75	2.465E+05	-8.37	2.382E+05	-4.72		
5	4.516E+03	1.549E+05	1.703E+05	-9.97	1.725E+05	-11.35	1.674E+05	-8.07		
6	5.420E+03	9.034E+04	1.070E+05	-18.47	1.074E+05	-18.83	1.043E+05	-15.47		
7	5.904E+03	8.196E+04	8.566E+04	-4.52	8.610E+04	-5.06	8.370E+04	-2.12		
8	6.409E+03	7.175E+04	6.903E+04	3.80	6.957E+04	3.04	6.766E+04	5.71		
9	7.484E+03	4.635E+04	4.570E+04	1.41	4.627E+04	.18	4.503E+04	2.84		
10	8.053E+03	3.933E+04	3.754E+04	4.54	3.809E+04	3.14	3.709E+04	5.69		
11	8.644E+03	3.097E+04	3.103E+04	-.19	3.155E+04	-1.86	3.073E+04	.77		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1262	12	66HU1	12	3.59E+00	2.64E+00	5.83E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.839E+03	1.085E+05	1.053E+05	2.96	1.056E+05	2.66	9.959E+04	8.21		
2	2.984E+03	9.403E+04	9.316E+04	.92	9.323E+04	.85	8.797E+04	6.44		
3	3.134E+03	8.239E+04	8.264E+04	-.30	8.243E+04	-.05	7.783E+04	5.53		
4	3.304E+03	7.129E+04	7.268E+04	-1.94	7.216E+04	-1.22	6.819E+04	4.35		
5	5.415E+03	1.085E+05	1.073E+05	1.12	1.076E+05	.82	1.046E+05	3.63		
6	5.899E+03	8.920E+04	8.585E+04	3.75	8.629E+04	3.26	8.388E+04	5.96		
7	6.404E+03	7.200E+04	6.917E+04	3.93	6.971E+04	3.18	6.779E+04	5.84		
8	6.930E+03	5.857E+04	5.610E+04	4.21	5.668E+04	3.22	5.515E+04	5.85		
9	7.478E+03	4.764E+04	4.579E+04	3.87	4.637E+04	2.67	4.513E+04	5.27		
10	8.048E+03	3.940E+04	3.761E+04	4.55	3.816E+04	3.16	3.715E+04	5.70		
11	8.639E+03	3.269E+04	3.108E+04	4.94	3.159E+04	3.35	3.078E+04	5.84		
12	9.886E+03	2.289E+04	2.159E+04	5.68	2.203E+04	3.76	2.148E+04	6.15		

ILT MSET NMAX REF NTAL RMSDH RMSDS RMSDSR

47	1263	13	33W01	13	4.53E+01	4.72E+00	7.30E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	2.984E+03	9.063E+04	9.316E+04	-2.80	9.323E+04	-2.87	8.797E+04	2.93		
2	3.314E+03	7.087E+04	7.214E+04	-1.79	7.161E+04	-1.05	6.767E+04	4.51		
3	3.348E+03	6.871E+04	1.799E+05	-161.80	6.979E+04	-1.57	6.596E+04	4.01		
4	3.444E+03	2.153E+05	2.119E+05	1.60	2.133E+05	.94	2.058E+05	4.40		
5	3.605E+03	2.710E+05	2.586E+05	4.57	2.621E+05	3.27	2.533E+05	6.54		
6	3.663E+03	2.611E+05	2.485E+05	4.82	2.522E+05	3.43	2.437E+05	6.68		
7	3.692E+03	2.638E+05	2.437E+05	7.63	2.474E+05	6.24	2.390E+05	9.39		
8	3.769E+03	2.447E+05	2.314E+05	5.42	2.351E+05	3.90	2.272E+05	7.14		
9	3.844E+03	2.857E+05	2.527E+05	11.56	2.568E+05	10.10	2.491E+05	12.82		
10	3.905E+03	2.597E+05	2.433E+05	6.31	2.475E+05	4.68	2.401E+05	7.56		
11	4.101E+03	2.251E+05	2.161E+05	3.98	2.201E+05	2.22	2.135E+05	5.16		
12	4.287E+03	2.119E+05	1.939E+05	8.52	1.971E+05	7.00	1.912E+05	9.77		
13	4.302E+03	2.051E+05	1.922E+05	6.31	1.953E+05	4.76	1.895E+05	7.60		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1264	30	26AL1	24	3.44E+01	3.53E+01	3.38E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	3.150E+03	9.672E+04	8.160E+04	15.63	8.138E+04	15.86	7.685E+04	20.55		
2	3.310E+03	1.021E+05	7.235E+04	29.13	7.183E+04	29.65	6.788E+04	33.52		
3	3.600E+03	1.182E+05	2.595E+05	-119.54	2.630E+05	-122.51	2.541E+05	-115.00		
4	3.680E+03	1.254E+05	2.456E+05	-95.87	2.493E+05	-98.82	2.409E+05	-92.12		
5	3.850E+03	1.791E+05	2.517E+05	-40.55	2.559E+05	-42.89	2.482E+05	-38.57		
6	3.900E+03	1.970E+05	2.441E+05	-23.90	2.483E+05	-26.03	2.408E+05	-22.22		
7	4.080E+03	1.970E+05	2.188E+05	-11.08	2.229E+05	-13.14	2.162E+05	-9.73		
8	4.170E+03	2.060E+05	2.075E+05	-.73	2.112E+05	-2.54	2.049E+05	.54		
9	4.770E+03	1.558E+05	1.484E+05	4.74	1.496E+05	3.99	1.452E+05	6.78		
10	4.980E+03	1.444E+05	1.330E+05	7.86	1.337E+05	7.44	1.298E+05	10.10		
11	5.280E+03	1.290E+05	1.145E+05	11.23	1.149E+05	10.97	1.116E+05	13.50		
12	5.530E+03	1.146E+05	1.016E+05	11.34	1.019E+05	11.05	9.906E+04	13.56		
13	5.690E+03	1.048E+05	9.434E+04	9.98	9.471E+04	9.63	9.205E+04	12.16		
14	6.020E+03	9.135E+04	8.139E+04	10.90	8.188E+04	10.37	7.960E+04	12.86		
15	6.290E+03	8.776E+04	7.253E+04	17.36	7.306E+04	16.75	7.104E+04	19.05		
16	6.410E+03	7.344E+04	6.900E+04	6.05	6.954E+04	5.31	6.763E+04	7.91		
17	6.420E+03	7.433E+04	6.871E+04	7.56	6.926E+04	6.82	6.735E+04	9.38		
18	7.040E+03	5.821E+04	5.379E+04	7.59	5.438E+04	6.58	5.291E+04	9.10		
19	7.490E+03	5.015E+04	4.560E+04	9.08	4.617E+04	7.93	4.494E+04	10.39		
20	8.070E+03	4.030E+04	3.733E+04	7.36	3.788E+04	6.00	3.689E+04	8.47		
21	8.550E+03	3.582E+04	3.195E+04	10.80	3.248E+04	9.33	3.164E+04	11.67		
22	8.660E+03	3.439E+04	3.087E+04	10.23	3.139E+04	8.72	3.058E+04	11.07		
23	8.930E+03	3.099E+04	2.842E+04	8.29	2.892E+04	6.68	2.818E+04	9.06		
24	9.590E+03	2.615E+04	2.344E+04	10.36	2.390E+04	8.61	2.330E+04	10.90		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1267	207	61N01	172	3.71E+01	1.46E+01	1.22E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	3.337E+03	6.800E+04	1.416E+05	-108.23	7.037E+04	-3.49	6.651E+04	2.20		
2	3.338E+03	7.000E+04	1.451E+05	-107.25	7.032E+04	-.46	6.646E+04	5.06		
3	3.340E+03	7.000E+04	1.520E+05	-117.19	7.021E+04	-.31	6.636E+04	5.21		
4	3.342E+03	7.000E+04	1.590E+05	-127.14	7.011E+04	-.15	6.626E+04	5.35		
5	3.343E+03	6.800E+04	1.625E+05	-138.94	7.005E+04	-3.02	6.621E+04	2.64		
6	3.344E+03	6.840E+04	1.660E+05	-142.63	7.000E+04	-2.34	6.616E+04	3.28		



7	3.345E+03	7.000E+04	1.694E+05	-142.06	6.995E+04	.07	6.611E+04	5.56
8	3.346E+03	7.100E+04	1.729E+05	-143.55	6.990E+04	1.55	6.606E+04	6.96
9	3.347E+03	7.200E+04	1.764E+05	-145.00	6.984E+04	2.99	6.601E+04	8.32
10	3.348E+03	7.600E+04	1.799E+05	-136.69	6.979E+04	8.17	6.596E+04	13.21
11	3.349E+03	8.200E+04	1.834E+05	-123.61	6.974E+04	14.95	6.591E+04	19.62
12	3.350E+03	8.400E+04	1.868E+05	-122.43	6.969E+04	17.04	6.586E+04	21.60
13	3.351E+03	1.070E+05	1.903E+05	-77.87	6.963E+04	34.92	6.581E+04	38.50
14	3.352E+03	1.310E+05	1.938E+05	-47.94	2.281E+05	-74.10	2.201E+05	-67.98
15	3.353E+03	1.490E+05	1.973E+05	-32.41	2.279E+05	-52.96	2.199E+05	-47.58
16	3.354E+03	1.500E+05	2.008E+05	-33.84	2.277E+05	-51.83	2.197E+05	-46.49
17	3.355E+03	1.610E+05	2.042E+05	-26.86	2.276E+05	-41.35	2.196E+05	-36.38
18	3.356E+03	1.760E+05	2.077E+05	-18.03	2.274E+05	-29.21	2.194E+05	-24.67
19	3.357E+03	1.760E+05	2.112E+05	-20.01	2.272E+05	-29.11	2.192E+05	-24.57
20	3.358E+03	1.780E+05	2.147E+05	-20.61	2.271E+05	-27.57	2.191E+05	-23.08
21	3.359E+03	1.870E+05	2.182E+05	-16.67	2.269E+05	-21.34	2.189E+05	-17.07
22	3.360E+03	1.920E+05	2.217E+05	-15.44	2.267E+05	-18.09	2.188E+05	-13.94
23	3.361E+03	1.880E+05	2.251E+05	-19.75	2.266E+05	-20.51	2.186E+05	-16.28
24	3.363E+03	1.930E+05	2.248E+05	-16.48	2.262E+05	-17.22	2.183E+05	-13.10
25	3.364E+03	1.860E+05	2.246E+05	-20.78	2.261E+05	-21.54	2.181E+05	-17.27
26	3.365E+03	1.850E+05	2.245E+05	-21.34	2.259E+05	-22.11	2.180E+05	-17.82
27	3.366E+03	1.840E+05	2.243E+05	-21.91	2.257E+05	-22.68	2.178E+05	-18.37
28	3.367E+03	1.870E+05	2.242E+05	-19.87	2.256E+05	-20.62	2.176E+05	-16.39
29	3.368E+03	1.910E+05	2.240E+05	-17.27	2.254E+05	-18.01	2.175E+05	-13.87
30	3.369E+03	1.980E+05	2.238E+05	-13.04	2.252E+05	-13.75	2.173E+05	-9.76
31	3.370E+03	1.920E+05	2.237E+05	-16.49	2.251E+05	-17.22	2.172E+05	-13.11
32	3.371E+03	1.840E+05	2.235E+05	-21.47	2.249E+05	-22.23	2.170E+05	-17.94
33	3.372E+03	1.830E+05	2.233E+05	-22.04	2.247E+05	-22.81	2.168E+05	-18.49
34	3.373E+03	1.900E+05	2.232E+05	-17.46	2.246E+05	-18.20	2.167E+05	-14.05
35	3.374E+03	1.970E+05	2.230E+05	-13.20	2.244E+05	-13.91	2.165E+05	-9.91
36	3.375E+03	2.080E+05	2.228E+05	-7.14	2.242E+05	-7.81	2.164E+05	-4.02
37	3.376E+03	2.160E+05	2.227E+05	-3.09	2.241E+05	-3.74	2.162E+05	-.10
38	3.377E+03	2.180E+05	2.225E+05	-2.07	2.239E+05	-2.71	2.161E+05	.89
39	3.378E+03	2.140E+05	2.224E+05	-3.91	2.237E+05	-4.56	2.159E+05	-.89
40	3.379E+03	2.120E+05	2.222E+05	-4.81	2.236E+05	-5.46	2.157E+05	-1.76
41	3.381E+03	1.970E+05	2.219E+05	-12.62	2.233E+05	-13.33	2.154E+05	-9.35
42	3.382E+03	1.970E+05	2.217E+05	-12.54	2.231E+05	-13.25	2.153E+05	-9.27
43	3.383E+03	1.940E+05	2.215E+05	-14.20	2.229E+05	-14.91	2.151E+05	-10.88
44	3.384E+03	2.000E+05	2.214E+05	-10.69	2.228E+05	-11.38	2.149E+05	-7.47
45	3.385E+03	2.000E+05	2.212E+05	-10.61	2.226E+05	-11.30	2.148E+05	-7.40
46	3.386E+03	1.990E+05	2.211E+05	-11.08	2.224E+05	-11.78	2.146E+05	-7.86
47	3.387E+03	1.980E+05	2.209E+05	-11.56	2.223E+05	-12.26	2.145E+05	-8.32
48	3.389E+03	1.980E+05	2.206E+05	-11.39	2.220E+05	-12.10	2.142E+05	-8.17
49	3.391E+03	1.990E+05	2.202E+05	-10.67	2.216E+05	-11.37	2.139E+05	-7.46
50	3.393E+03	2.060E+05	2.199E+05	-6.75	2.213E+05	-7.43	2.135E+05	-3.66
51	3.395E+03	2.160E+05	2.196E+05	-1.66	2.210E+05	-2.31	2.132E+05	1.28
52	3.397E+03	2.210E+05	2.193E+05	.79	2.207E+05	.15	2.129E+05	3.65
53	3.399E+03	2.210E+05	2.189E+05	.94	2.203E+05	.30	2.126E+05	3.79
54	3.400E+03	2.190E+05	2.188E+05	.11	2.202E+05	-.54	2.125E+05	2.99
55	3.401E+03	2.140E+05	2.186E+05	-2.15	2.200E+05	-2.81	2.123E+05	.79
56	3.403E+03	2.130E+05	2.183E+05	-2.48	2.197E+05	-3.14	2.120E+05	.47
57	3.405E+03	2.070E+05	2.179E+05	-5.29	2.194E+05	-5.98	2.117E+05	-2.27
58	3.406E+03	2.030E+05	2.178E+05	-7.29	2.192E+05	-7.99	2.115E+05	-4.21
59	3.512E+03	1.880E+05	2.303E+05	-22.48	2.033E+05	-8.12	1.962E+05	-4.35



60	3.513E+03	1.920E+05	2.317E+05	-20.68	2.031E+05	-5.80	1.960E+05	-2.11
61	3.514E+03	1.910E+05	2.332E+05	-22.07	2.030E+05	-6.28	1.959E+05	-2.57
62	3.515E+03	1.900E+05	2.346E+05	-23.47	2.028E+05	-6.76	1.958E+05	-3.04
63	3.516E+03	1.900E+05	2.360E+05	-24.23	2.027E+05	-6.69	1.956E+05	-2.97
64	3.517E+03	1.900E+05	2.375E+05	-24.98	2.026E+05	-6.61	1.955E+05	-2.90
65	3.518E+03	1.910E+05	2.389E+05	-25.08	2.024E+05	-5.98	1.954E+05	-2.29
66	3.519E+03	1.870E+05	2.403E+05	-28.53	2.023E+05	-8.17	1.952E+05	-4.40
67	3.520E+03	1.910E+05	2.418E+05	-26.59	2.021E+05	-5.83	1.951E+05	-2.15
68	3.521E+03	1.910E+05	2.432E+05	-27.34	2.020E+05	-5.76	1.950E+05	-2.07
69	3.522E+03	1.920E+05	2.447E+05	-27.43	2.019E+05	-5.13	1.948E+05	-1.47
70	3.523E+03	1.930E+05	2.461E+05	-27.51	2.017E+05	-4.52	1.947E+05	-.88
71	3.525E+03	2.010E+05	2.490E+05	-23.87	2.768E+05	-37.70	2.674E+05	-33.04
72	3.526E+03	2.090E+05	2.504E+05	-19.82	2.766E+05	-32.34	2.672E+05	-27.86
73	3.527E+03	2.170E+05	2.519E+05	-16.06	2.764E+05	-27.37	2.670E+05	-23.06
74	3.528E+03	2.190E+05	2.533E+05	-15.66	2.762E+05	-26.12	2.669E+05	-21.85
75	3.529E+03	2.240E+05	2.547E+05	-13.72	2.760E+05	-23.22	2.667E+05	-19.05
76	3.530E+03	2.330E+05	2.562E+05	-9.95	2.758E+05	-18.38	2.665E+05	-14.38
77	3.531E+03	2.330E+05	2.576E+05	-10.56	2.756E+05	-18.30	2.663E+05	-14.30
78	3.532E+03	2.330E+05	2.591E+05	-11.18	2.754E+05	-18.22	2.661E+05	-14.22
79	3.533E+03	2.360E+05	2.605E+05	-10.38	2.753E+05	-16.63	2.659E+05	-12.69
80	3.534E+03	2.440E+05	2.619E+05	-7.35	2.751E+05	-12.73	2.658E+05	-8.92
81	3.535E+03	2.440E+05	2.634E+05	-7.94	2.749E+05	-12.66	2.656E+05	-8.85
82	3.536E+03	2.440E+05	2.648E+05	-8.53	2.747E+05	-12.58	2.654E+05	-8.77
83	3.537E+03	2.430E+05	2.662E+05	-9.57	2.745E+05	-12.97	2.652E+05	-9.14
84	3.538E+03	2.410E+05	2.677E+05	-11.07	2.743E+05	-13.82	2.650E+05	-9.97
85	3.540E+03	2.400E+05	2.706E+05	-12.74	2.739E+05	-14.14	2.647E+05	-10.28
86	3.541E+03	2.440E+05	2.704E+05	-10.81	2.738E+05	-12.19	2.645E+05	-8.40
87	3.542E+03	2.440E+05	2.702E+05	-10.74	2.736E+05	-12.12	2.643E+05	-8.33
88	3.544E+03	2.440E+05	2.698E+05	-10.58	2.732E+05	-11.96	2.640E+05	-8.18
89	3.545E+03	2.440E+05	2.696E+05	-10.51	2.730E+05	-11.89	2.638E+05	-8.10
90	3.546E+03	2.400E+05	2.694E+05	-12.27	2.728E+05	-13.68	2.636E+05	-9.83
91	3.547E+03	2.420E+05	2.693E+05	-11.27	2.726E+05	-12.66	2.634E+05	-8.85
92	3.548E+03	2.540E+05	2.691E+05	-5.94	2.724E+05	-7.26	2.632E+05	-3.64
93	3.550E+03	2.650E+05	2.687E+05	-1.40	2.721E+05	-2.67	2.629E+05	.80
94	3.552E+03	2.560E+05	2.683E+05	-4.82	2.717E+05	-6.14	2.625E+05	-2.55
95	3.554E+03	2.460E+05	2.680E+05	-8.93	2.713E+05	-10.30	2.622E+05	-6.57
96	3.556E+03	2.470E+05	2.676E+05	-8.33	2.710E+05	-9.70	2.618E+05	-5.99
97	3.559E+03	2.480E+05	2.670E+05	-7.67	2.704E+05	-9.04	2.613E+05	-5.35
98	3.561E+03	2.440E+05	2.667E+05	-9.28	2.700E+05	-10.67	2.609E+05	-6.93
99	3.563E+03	2.440E+05	2.663E+05	-9.13	2.697E+05	-10.52	2.606E+05	-6.79
100	3.565E+03	2.490E+05	2.659E+05	-6.79	2.693E+05	-8.16	2.602E+05	-4.50
101	3.567E+03	2.510E+05	2.655E+05	-5.79	2.689E+05	-7.15	2.599E+05	-3.53
102	3.570E+03	2.560E+05	2.650E+05	-3.51	2.684E+05	-4.84	2.593E+05	-1.30
103	3.572E+03	2.550E+05	2.646E+05	-3.77	2.680E+05	-5.11	2.590E+05	-1.56
104	3.574E+03	2.540E+05	2.642E+05	-4.03	2.677E+05	-5.38	2.586E+05	-1.82
105	3.576E+03	2.500E+05	2.639E+05	-5.54	2.673E+05	-6.92	2.583E+05	-3.31
106	3.578E+03	2.490E+05	2.635E+05	-5.82	2.669E+05	-7.21	2.579E+05	-3.59
107	3.580E+03	2.500E+05	2.631E+05	-5.24	2.666E+05	-6.63	2.576E+05	-3.03
108	3.581E+03	2.490E+05	2.629E+05	-5.59	2.664E+05	-6.99	2.574E+05	-3.38
109	3.582E+03	2.470E+05	2.627E+05	-6.37	2.662E+05	-7.78	2.572E+05	-4.14
110	3.583E+03	2.450E+05	2.626E+05	-7.16	2.660E+05	-8.59	2.571E+05	-4.92
111	3.584E+03	2.430E+05	2.624E+05	-7.97	2.659E+05	-9.41	2.569E+05	-5.71
112	3.791E+03	2.200E+05	2.372E+05	-7.83	2.318E+05	-5.36	2.240E+05	-1.82

113	3.793E+03	2.240E+05	2.382E+05	-6.35	2.315E+05	-3.35	2.237E+05	.13
114	3.794E+03	2.220E+05	2.387E+05	-7.54	2.313E+05	-4.21	2.236E+05	-.70
115	3.795E+03	2.220E+05	2.392E+05	-7.77	2.312E+05	-4.14	2.234E+05	-.64
116	3.796E+03	2.200E+05	2.397E+05	-8.97	2.310E+05	-5.02	2.233E+05	-1.48
117	3.797E+03	2.200E+05	2.402E+05	-9.20	2.309E+05	-4.95	2.231E+05	-1.42
118	3.799E+03	2.210E+05	2.412E+05	-9.16	2.306E+05	-4.34	2.228E+05	-.83
119	3.800E+03	2.200E+05	2.418E+05	-9.89	2.304E+05	-4.75	2.227E+05	-1.22
120	3.801E+03	2.190E+05	2.423E+05	-10.62	2.303E+05	-5.16	2.225E+05	-1.62
121	3.802E+03	2.200E+05	2.428E+05	-10.34	2.301E+05	-4.61	2.224E+05	-1.09
122	3.803E+03	2.240E+05	2.433E+05	-8.60	2.300E+05	-2.68	2.223E+05	.78
123	3.804E+03	2.220E+05	2.438E+05	-9.80	2.298E+05	-3.53	2.221E+05	-.05
124	3.806E+03	2.260E+05	2.448E+05	-8.30	2.629E+05	-16.32	2.549E+05	-12.80
125	3.807E+03	2.290E+05	2.453E+05	-7.10	2.627E+05	-14.72	2.548E+05	-11.25
126	3.809E+03	2.320E+05	2.463E+05	-6.15	2.624E+05	-13.10	2.545E+05	-9.68
127	3.810E+03	2.330E+05	2.468E+05	-5.91	2.622E+05	-12.55	2.543E+05	-9.14
128	3.811E+03	2.330E+05	2.473E+05	-6.13	2.621E+05	-12.48	2.541E+05	-9.08
129	3.813E+03	2.340E+05	2.483E+05	-6.10	2.618E+05	-11.86	2.538E+05	-8.48
130	3.814E+03	2.360E+05	2.488E+05	-5.42	2.616E+05	-10.85	2.537E+05	-7.49
131	3.815E+03	2.400E+05	2.493E+05	-3.87	2.614E+05	-8.93	2.535E+05	-5.63
132	3.816E+03	2.420E+05	2.498E+05	-3.22	2.613E+05	-7.96	2.534E+05	-4.70
133	3.817E+03	2.440E+05	2.503E+05	-2.58	2.611E+05	-7.01	2.532E+05	-3.78
134	3.818E+03	2.440E+05	2.508E+05	-2.78	2.610E+05	-6.95	2.531E+05	-3.71
135	3.820E+03	2.480E+05	2.518E+05	-1.53	2.606E+05	-5.09	2.527E+05	-1.91
136	3.821E+03	2.480E+05	2.523E+05	-1.73	2.605E+05	-5.03	2.526E+05	-1.85
137	3.822E+03	2.470E+05	2.528E+05	-2.35	2.603E+05	-5.39	2.524E+05	-2.20
138	3.823E+03	2.460E+05	2.533E+05	-2.97	2.602E+05	-5.75	2.523E+05	-2.56
139	3.825E+03	2.450E+05	2.543E+05	-3.80	2.598E+05	-6.06	2.520E+05	-2.85
140	3.826E+03	2.460E+05	2.548E+05	-3.58	2.597E+05	-5.56	2.518E+05	-2.37
141	3.827E+03	2.490E+05	2.553E+05	-2.54	2.595E+05	-4.23	2.517E+05	-1.07
142	3.828E+03	2.470E+05	2.552E+05	-3.30	2.594E+05	-5.01	2.515E+05	-1.83
143	3.829E+03	2.430E+05	2.550E+05	-4.94	2.592E+05	-6.67	2.514E+05	-3.44
144	3.830E+03	2.400E+05	2.548E+05	-6.19	2.590E+05	-7.94	2.512E+05	-4.67
145	3.831E+03	2.440E+05	2.547E+05	-4.38	2.589E+05	-6.10	2.511E+05	-2.89
146	3.832E+03	2.450E+05	2.545E+05	-3.89	2.587E+05	-5.60	2.509E+05	-2.41
147	3.833E+03	2.410E+05	2.544E+05	-5.55	2.586E+05	-7.29	2.508E+05	-4.05
148	3.834E+03	2.410E+05	2.542E+05	-5.49	2.584E+05	-7.23	2.506E+05	-3.98
149	3.835E+03	2.410E+05	2.541E+05	-5.42	2.583E+05	-7.16	2.504E+05	-3.92
150	3.836E+03	2.430E+05	2.539E+05	-4.49	2.581E+05	-6.21	2.503E+05	-3.00
151	3.837E+03	2.450E+05	2.538E+05	-3.57	2.579E+05	-5.28	2.501E+05	-2.10
152	3.839E+03	2.450E+05	2.534E+05	-3.45	2.576E+05	-5.15	2.498E+05	-1.97
153	3.840E+03	2.490E+05	2.533E+05	-1.72	2.575E+05	-3.40	2.497E+05	-.27
154	3.841E+03	2.530E+05	2.531E+05	-.05	2.573E+05	-1.71	2.495E+05	1.37
155	3.842E+03	2.510E+05	2.530E+05	-.79	2.572E+05	-2.45	2.494E+05	.65
156	3.844E+03	2.510E+05	2.527E+05	-.66	2.568E+05	-2.33	2.491E+05	.77
157	3.845E+03	2.470E+05	2.525E+05	-2.23	2.567E+05	-3.92	2.489E+05	-.78
158	3.847E+03	2.470E+05	2.522E+05	-2.10	2.564E+05	-3.80	2.486E+05	-.66
159	3.849E+03	2.440E+05	2.519E+05	-3.23	2.561E+05	-4.94	2.483E+05	-1.77
160	3.852E+03	2.400E+05	2.514E+05	-4.76	2.556E+05	-6.50	2.479E+05	-3.28
161	3.854E+03	2.400E+05	2.511E+05	-4.63	2.553E+05	-6.37	2.476E+05	-3.15
162	3.857E+03	2.390E+05	2.506E+05	-4.87	2.548E+05	-6.62	2.471E+05	-3.40
163	3.859E+03	2.400E+05	2.503E+05	-4.30	2.545E+05	-6.05	2.468E+05	-2.84
164	3.861E+03	2.420E+05	2.500E+05	-3.31	2.542E+05	-5.04	2.465E+05	-1.87
165	3.864E+03	2.430E+05	2.495E+05	-2.69	2.537E+05	-4.42	2.461E+05	-1.26



166	3.866E+03	2.440E+05	2.492E+05	-2.15	2.534E+05	-3.87	2.458E+05	-.73
167	3.869E+03	2.440E+05	2.488E+05	-1.95	2.530E+05	-3.68	2.453E+05	-.54
168	3.872E+03	2.440E+05	2.483E+05	-1.76	2.525E+05	-3.49	2.449E+05	-.36
169	3.874E+03	2.440E+05	2.480E+05	-1.63	2.522E+05	-3.37	2.446E+05	-.24
170	3.877E+03	2.440E+05	2.475E+05	-1.44	2.518E+05	-3.18	2.441E+05	-.06
171	3.880E+03	2.450E+05	2.471E+05	-.85	2.513E+05	-2.57	2.437E+05	.53
172	3.882E+03	2.440E+05	2.468E+05	-1.14	2.510E+05	-2.87	2.434E+05	.24

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1268	9	9BA1	6	2.03E+00	1.93E+00	2.34E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.410E+03	1.040E+05	1.075E+05	-3.41	1.079E+05	-3.72	1.048E+05	-.78	
2	6.400E+03	6.824E+04	6.929E+04	-1.53	6.983E+04	-2.33	6.790E+04	.49	
3	6.930E+03	5.624E+04	5.610E+04	.24	5.668E+04	-.79	5.515E+04	1.95	
4	7.480E+03	4.693E+04	4.576E+04	2.49	4.633E+04	1.27	4.510E+04	3.91	
5	8.050E+03	3.833E+04	3.758E+04	1.95	3.813E+04	.52	3.713E+04	3.13	
6	8.640E+03	3.134E+04	3.107E+04	.87	3.159E+04	-.78	3.077E+04	1.82	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1269	6	36SC1	4	4.25E+00	4.66E+00	5.19E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.423E+03	1.114E+05	1.069E+05	4.07	1.072E+05	3.77	1.042E+05	6.49	
2	6.479E+03	7.109E+04	6.708E+04	5.65	6.762E+04	4.87	6.577E+04	7.49	
3	7.487E+03	4.403E+04	4.565E+04	-3.67	4.622E+04	-4.97	4.499E+04	-2.17	
4	8.650E+03	3.001E+04	3.097E+04	-3.20	3.149E+04	-4.92	3.068E+04	-2.22	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1270	35	29BA1	14	1.02E+01	8.92E+00	1.13E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.210E+03	8.553E+04	7.502E+04	12.29	7.553E+04	11.69	7.344E+04	14.13	
2	6.510E+03	7.519E+04	6.622E+04	11.92	6.679E+04	11.18	6.495E+04	13.61	
3	6.810E+03	6.684E+04	5.877E+04	12.07	5.935E+04	11.21	5.773E+04	13.63	
4	7.130E+03	5.835E+04	5.200E+04	10.88	5.259E+04	9.87	5.117E+04	12.30	
5	7.470E+03	5.166E+04	4.593E+04	11.10	4.650E+04	9.99	4.526E+04	12.39	
6	7.820E+03	4.530E+04	4.062E+04	10.34	4.118E+04	9.09	4.009E+04	11.49	
7	8.190E+03	3.990E+04	3.588E+04	10.08	3.642E+04	8.72	3.547E+04	11.10	
8	8.380E+03	3.699E+04	3.373E+04	8.80	3.426E+04	7.37	3.337E+04	9.77	
9	8.580E+03	3.437E+04	3.166E+04	7.90	3.218E+04	6.38	3.135E+04	8.80	
10	8.980E+03	3.070E+04	2.800E+04	8.81	2.849E+04	7.19	2.777E+04	9.56	
11	9.410E+03	2.749E+04	2.467E+04	10.24	2.514E+04	8.54	2.451E+04	10.84	
12	9.690E+03	2.500E+04	2.279E+04	8.82	2.324E+04	7.02	2.266E+04	9.35	
13	9.850E+03	2.390E+04	2.181E+04	8.76	2.225E+04	6.92	2.169E+04	9.24	
14	9.980E+03	2.318E+04	2.105E+04	9.21	2.148E+04	7.34	2.094E+04	9.64	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1271	4	74MA1	2	1.98E+00	2.03E+00	3.21E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.400E+03	7.111E+04	6.929E+04	2.57	6.983E+04	1.80	6.790E+04	4.51	
2	7.058E+03	5.284E+04	5.343E+04	-1.12	5.402E+04	-2.23	5.256E+04	.54	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
47	1272	5	7BA1	5	4.23E+00	3.16E+00	5.36E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR

1	6.400E+03	6.860E+04	6.929E+04	-1.00	6.983E+04	-1.79	6.790E+04	1.01
2	6.930E+03	5.860E+04	5.610E+04	4.26	5.668E+04	3.27	5.515E+04	5.89
3	7.470E+03	4.812E+04	4.593E+04	4.56	4.650E+04	3.37	4.526E+04	5.95
4	8.040E+03	3.973E+04	3.771E+04	5.10	3.826E+04	3.71	3.725E+04	6.24
5	8.630E+03	3.276E+04	3.116E+04	4.87	3.168E+04	3.29	3.087E+04	5.78

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1273	6	69DE1	2	3.64E+00	2.15E+00	4.52E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.000E+03	3.994E+04	3.821E+04	4.32	3.877E+04	2.93	3.775E+04	5.49		
2	9.962E+03	2.176E+04	2.115E+04	2.80	2.158E+04	.82	2.105E+04	3.28		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1274	19	59DE1	3	3.79E+00	2.11E+00	4.54E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	3.865E+04	3.762E+04	2.67	3.817E+04	1.24	3.717E+04	3.84		
2	8.904E+03	2.970E+04	2.864E+04	3.56	2.915E+04	1.86	2.840E+04	4.37		
3	9.885E+03	2.269E+04	2.160E+04	4.82	2.204E+04	2.88	2.149E+04	5.30		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1275	17	77MU1	1	1.19E+00	2.99E-01	2.33E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.140E+03	3.691E+04	3.647E+04	1.19	3.702E+04	-.30	3.605E+04	2.33		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1276	11	77RA2	1	1.06E+00	4.30E-01	2.20E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.136E+03	3.691E+04	3.652E+04	1.06	3.707E+04	-.43	3.610E+04	2.20		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	1277	17	32MA1	4	8.55E+00	6.88E+00	9.16E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.639E+03	3.457E+04	3.108E+04	10.11	3.159E+04	8.61	3.078E+04	10.96		
2	9.628E+03	2.579E+04	2.319E+04	10.08	2.365E+04	8.31	2.305E+04	10.61		
3	9.713E+03	2.436E+04	2.265E+04	7.03	2.310E+04	5.18	2.252E+04	7.56		
4	9.962E+03	2.257E+04	2.115E+04	6.29	2.158E+04	4.38	2.105E+04	6.75		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
47	2103	7	81RA01	2	1.50E+00	9.75E-01	3.71E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.470E+03	1.061E+05	1.045E+05	1.49	1.048E+05	1.19	1.019E+05	3.98		
2	6.470E+03	6.835E+04	6.732E+04	1.50	6.787E+04	.70	6.601E+04	3.43		

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
48	1313	13	36BI1	13	1.27E+01	9.58E+00	1.38E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	9.989E+05	8.231E+05	17.60	8.225E+05	17.66	7.665E+05	23.27		
2	1.490E+03	6.674E+05	5.540E+05	16.99	5.557E+05	16.74	5.191E+05	22.22		
3	1.744E+03	4.276E+05	3.911E+05	8.53	3.829E+05	10.45	3.585E+05	16.16		
4	2.019E+03	2.971E+05	2.777E+05	6.51	2.688E+05	9.54	2.522E+05	15.13		



5	2.312E+03	2.122E+05	1.984E+05	6.48	1.929E+05	9.09	1.813E+05	14.54
6	2.627E+03	1.542E+05	1.413E+05	8.34	1.407E+05	8.76	1.325E+05	14.07
7	3.320E+03	8.170E+04	6.999E+04	14.33	7.833E+04	4.12	7.403E+04	9.39
8	3.698E+03	1.988E+05	1.999E+05	-.55	1.928E+05	3.02	1.862E+05	6.35
9	4.097E+03	2.561E+05	2.162E+05	15.57	2.359E+05	7.89	2.289E+05	10.62
10	4.517E+03	1.969E+05	1.696E+05	13.89	1.852E+05	5.92	1.798E+05	8.67
11	4.960E+03	1.564E+05	1.337E+05	14.53	1.464E+05	6.38	1.422E+05	9.07
12	5.423E+03	1.241E+05	1.062E+05	14.40	1.164E+05	6.18	1.131E+05	8.83
13	5.907E+03	9.950E+04	8.503E+04	14.55	9.319E+04	6.34	9.060E+04	8.94

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
48	1314	222	62NO2	181	3.26E+01	1.26E+01	1.28E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.520E+03	7.500E+04	1.366E+05	-82.18	6.757E+04	9.91	6.392E+04	14.78	
2	3.522E+03	7.300E+04	1.426E+05	-95.37	6.747E+04	7.57	6.383E+04	12.57	
3	3.524E+03	7.500E+04	1.486E+05	-98.14	6.738E+04	10.16	6.374E+04	15.02	
4	3.526E+03	7.400E+04	1.546E+05	-108.91	6.728E+04	9.08	6.364E+04	13.99	
5	3.528E+03	7.500E+04	1.606E+05	-114.11	6.718E+04	10.42	6.355E+04	15.26	
6	3.530E+03	7.500E+04	1.666E+05	-122.09	6.709E+04	10.55	6.346E+04	15.38	
7	3.531E+03	7.520E+04	1.696E+05	-125.48	6.704E+04	10.85	6.342E+04	15.67	
8	3.532E+03	7.560E+04	1.726E+05	-128.25	6.699E+04	11.39	6.337E+04	16.17	
9	3.533E+03	7.900E+04	1.755E+05	-122.21	6.694E+04	15.26	6.333E+04	19.84	
10	3.534E+03	7.900E+04	1.785E+05	-126.00	6.689E+04	15.32	6.328E+04	19.90	
11	3.535E+03	8.200E+04	1.815E+05	-121.38	6.685E+04	18.48	6.324E+04	22.88	
12	3.536E+03	8.800E+04	1.845E+05	-109.69	6.680E+04	24.09	6.319E+04	28.19	
13	3.537E+03	1.030E+05	1.875E+05	-82.06	6.675E+04	35.19	6.315E+04	38.69	
14	3.538E+03	1.230E+05	1.905E+05	-54.89	2.151E+05	-74.84	2.076E+05	-68.74	
15	3.539E+03	1.400E+05	1.935E+05	-38.22	2.149E+05	-53.50	2.074E+05	-48.15	
16	3.540E+03	1.460E+05	1.965E+05	-34.59	2.148E+05	-47.09	2.073E+05	-41.96	
17	3.541E+03	1.510E+05	1.964E+05	-30.04	2.146E+05	-42.12	2.071E+05	-37.17	
18	3.542E+03	1.530E+05	1.962E+05	-28.26	2.144E+05	-40.16	2.070E+05	-35.28	
19	3.543E+03	1.590E+05	1.961E+05	-23.33	2.143E+05	-34.78	2.068E+05	-30.08	
20	3.544E+03	1.640E+05	1.960E+05	-19.49	2.141E+05	-30.58	2.067E+05	-26.03	
21	3.545E+03	1.690E+05	1.958E+05	-15.88	2.140E+05	-26.63	2.065E+05	-22.22	
22	3.546E+03	1.690E+05	1.957E+05	-15.80	2.138E+05	-26.54	2.064E+05	-22.13	
23	3.547E+03	1.710E+05	1.956E+05	-14.36	2.137E+05	-24.97	2.063E+05	-20.62	
24	3.548E+03	1.770E+05	1.954E+05	-10.41	2.135E+05	-20.65	2.061E+05	-16.45	
25	3.549E+03	1.830E+05	1.953E+05	-6.72	2.134E+05	-16.61	2.060E+05	-12.55	
26	3.550E+03	1.950E+05	1.952E+05	-.08	2.133E+05	-9.36	2.058E+05	-5.55	
27	3.551E+03	1.950E+05	1.950E+05	-.01	2.131E+05	-9.28	2.057E+05	-5.48	
28	3.552E+03	1.970E+05	1.949E+05	1.07	2.130E+05	-8.10	2.055E+05	-4.34	
29	3.553E+03	1.970E+05	1.948E+05	1.14	2.128E+05	-8.02	2.054E+05	-4.27	
30	3.554E+03	1.980E+05	1.946E+05	1.71	2.127E+05	-7.40	2.053E+05	-3.67	
31	3.555E+03	2.070E+05	1.945E+05	6.05	2.125E+05	-2.66	2.051E+05	.91	
32	3.556E+03	2.110E+05	1.944E+05	7.89	2.124E+05	-.64	2.050E+05	2.85	
33	3.557E+03	2.140E+05	1.942E+05	9.24	2.122E+05	.84	2.048E+05	4.28	
34	3.558E+03	2.170E+05	1.941E+05	10.56	2.121E+05	2.28	2.047E+05	5.67	
35	3.559E+03	2.170E+05	1.939E+05	10.62	2.119E+05	2.34	2.046E+05	5.74	
36	3.560E+03	2.150E+05	1.938E+05	9.85	2.118E+05	1.50	2.044E+05	4.93	
37	3.561E+03	2.130E+05	1.937E+05	9.07	2.116E+05	.65	2.043E+05	4.10	
38	3.562E+03	2.110E+05	1.935E+05	8.27	2.115E+05	-.22	2.041E+05	3.26	
39	3.563E+03	2.110E+05	1.934E+05	8.34	2.113E+05	-.15	2.040E+05	3.32	
40	3.564E+03	2.080E+05	1.933E+05	7.08	2.112E+05	-1.53	2.038E+05	2.00	



41	3.565E+03	2.110E+05	1.931E+05	8.46	2.110E+05	-.01	2.037E+05	3.46
42	3.566E+03	2.090E+05	1.930E+05	7.65	2.109E+05	-.90	2.036E+05	2.60
43	3.567E+03	2.090E+05	1.929E+05	7.72	2.107E+05	-.83	2.034E+05	2.67
44	3.569E+03	2.120E+05	1.926E+05	9.15	2.104E+05	.73	2.031E+05	4.18
45	3.570E+03	2.150E+05	1.925E+05	10.48	2.103E+05	2.19	2.030E+05	5.58
46	3.571E+03	2.160E+05	1.923E+05	10.96	2.102E+05	2.71	2.029E+05	6.08
47	3.572E+03	2.160E+05	1.922E+05	11.02	2.100E+05	2.78	2.027E+05	6.15
48	3.573E+03	2.220E+05	1.921E+05	13.48	2.099E+05	5.47	2.026E+05	8.75
49	3.574E+03	2.250E+05	1.919E+05	14.70	2.097E+05	6.79	2.024E+05	10.02
50	3.575E+03	2.220E+05	1.918E+05	13.61	2.096E+05	5.60	2.023E+05	8.87
51	3.576E+03	2.210E+05	1.917E+05	13.28	2.094E+05	5.24	2.022E+05	8.52
52	3.577E+03	2.190E+05	1.915E+05	12.54	2.093E+05	4.44	2.020E+05	7.75
53	3.578E+03	2.190E+05	1.914E+05	12.61	2.091E+05	4.51	2.019E+05	7.81
54	3.579E+03	2.160E+05	1.913E+05	11.45	2.090E+05	3.25	2.017E+05	6.60
55	3.580E+03	2.160E+05	1.911E+05	11.52	2.088E+05	3.31	2.016E+05	6.66
56	3.581E+03	2.150E+05	1.910E+05	11.17	2.087E+05	2.93	2.015E+05	6.29
57	3.582E+03	2.130E+05	1.909E+05	10.40	2.086E+05	2.09	2.013E+05	5.48
58	3.583E+03	2.130E+05	1.907E+05	10.46	2.084E+05	2.16	2.012E+05	5.54
59	3.585E+03	2.090E+05	1.905E+05	8.87	2.081E+05	.42	2.009E+05	3.87
60	3.586E+03	2.120E+05	1.903E+05	10.23	2.080E+05	1.90	2.008E+05	5.29
61	3.587E+03	2.120E+05	1.902E+05	10.29	2.078E+05	1.97	2.006E+05	5.36
62	3.588E+03	2.130E+05	1.901E+05	10.77	2.077E+05	2.49	2.005E+05	5.87
63	3.589E+03	2.120E+05	1.899E+05	10.41	2.075E+05	2.10	2.004E+05	5.49
64	3.590E+03	2.110E+05	1.898E+05	10.05	2.074E+05	1.71	2.002E+05	5.10
65	3.591E+03	2.130E+05	1.897E+05	10.95	2.073E+05	2.70	2.001E+05	6.06
66	3.592E+03	2.110E+05	1.895E+05	10.17	2.071E+05	1.84	2.000E+05	5.23
67	3.593E+03	2.140E+05	1.894E+05	11.49	2.070E+05	3.28	1.998E+05	6.63
68	3.594E+03	2.130E+05	1.893E+05	11.13	2.068E+05	2.90	1.997E+05	6.25
69	3.596E+03	2.110E+05	1.890E+05	10.41	2.065E+05	2.11	1.994E+05	5.49
70	3.597E+03	2.130E+05	1.889E+05	11.31	2.064E+05	3.10	1.993E+05	6.44
71	3.598E+03	2.130E+05	1.888E+05	11.37	2.063E+05	3.16	1.991E+05	6.51
72	3.718E+03	1.960E+05	2.236E+05	-14.11	1.903E+05	2.92	1.837E+05	6.26
73	3.719E+03	1.970E+05	2.248E+05	-14.13	1.902E+05	3.47	1.836E+05	6.80
74	3.720E+03	1.960E+05	2.260E+05	-15.32	1.900E+05	3.04	1.835E+05	6.38
75	3.721E+03	1.960E+05	2.272E+05	-15.92	1.899E+05	3.11	1.834E+05	6.45
76	3.723E+03	1.960E+05	2.296E+05	-17.14	1.897E+05	3.23	1.831E+05	6.57
77	3.724E+03	1.960E+05	2.308E+05	-17.74	1.895E+05	3.30	1.830E+05	6.63
78	3.725E+03	1.970E+05	2.320E+05	-17.75	1.894E+05	3.85	1.829E+05	7.16
79	3.726E+03	1.980E+05	2.332E+05	-17.75	1.893E+05	4.40	1.828E+05	7.69
80	3.727E+03	1.990E+05	2.343E+05	-17.76	2.593E+05	-30.31	2.506E+05	-25.95
81	3.728E+03	2.050E+05	2.355E+05	-14.89	2.592E+05	-26.41	2.505E+05	-22.18
82	3.729E+03	2.160E+05	2.367E+05	-9.59	2.590E+05	-19.90	2.503E+05	-15.88
83	3.730E+03	2.210E+05	2.366E+05	-7.04	2.588E+05	-17.11	2.501E+05	-13.19
84	3.732E+03	2.280E+05	2.362E+05	-3.61	2.585E+05	-13.37	2.498E+05	-9.57
85	3.733E+03	2.320E+05	2.361E+05	-1.75	2.583E+05	-11.35	2.497E+05	-7.61
86	3.734E+03	2.340E+05	2.359E+05	-.82	2.582E+05	-10.32	2.495E+05	-6.62
87	3.735E+03	2.350E+05	2.357E+05	-.32	2.580E+05	-9.78	2.493E+05	-6.10
88	3.736E+03	2.400E+05	2.356E+05	1.84	2.578E+05	-7.43	2.492E+05	-3.82
89	3.737E+03	2.400E+05	2.354E+05	1.91	2.577E+05	-7.36	2.490E+05	-3.76
90	3.738E+03	2.380E+05	2.353E+05	1.15	2.575E+05	-8.19	2.489E+05	-4.56
91	3.739E+03	2.380E+05	2.351E+05	1.22	2.573E+05	-8.12	2.487E+05	-4.49
92	3.740E+03	2.440E+05	2.349E+05	3.71	2.572E+05	-5.40	2.485E+05	-1.86
93	3.741E+03	2.470E+05	2.348E+05	4.95	2.570E+05	-4.05	2.484E+05	-.55

94	3.742E+03	2.500E+05	2.346E+05	6.15	2.568E+05	-2.74	2.482E+05	.72
95	3.743E+03	2.510E+05	2.345E+05	6.59	2.567E+05	-2.26	2.480E+05	1.18
96	3.745E+03	2.530E+05	2.341E+05	7.46	2.564E+05	-1.32	2.477E+05	2.08
97	3.746E+03	2.530E+05	2.340E+05	7.52	2.562E+05	-1.26	2.476E+05	2.15
98	3.747E+03	2.540E+05	2.338E+05	7.95	2.560E+05	-.80	2.474E+05	2.60
99	3.749E+03	2.550E+05	2.335E+05	8.43	2.557E+05	-.27	2.471E+05	3.10
100	3.750E+03	2.580E+05	2.333E+05	9.56	2.555E+05	.96	2.469E+05	4.29
101	3.751E+03	2.580E+05	2.332E+05	9.62	2.554E+05	1.02	2.468E+05	4.35
102	3.753E+03	2.600E+05	2.328E+05	10.44	2.550E+05	1.90	2.464E+05	5.21
103	3.755E+03	2.590E+05	2.325E+05	10.22	2.547E+05	1.65	2.461E+05	4.97
104	3.757E+03	2.570E+05	2.322E+05	9.65	2.544E+05	1.01	2.458E+05	4.35
105	3.758E+03	2.570E+05	2.320E+05	9.71	2.542E+05	1.07	2.457E+05	4.42
106	3.759E+03	2.570E+05	2.319E+05	9.77	2.541E+05	1.14	2.455E+05	4.48
107	3.760E+03	2.570E+05	2.317E+05	9.84	2.539E+05	1.20	2.453E+05	4.54
108	3.761E+03	2.560E+05	2.316E+05	9.55	2.538E+05	.88	2.452E+05	4.23
109	3.762E+03	2.580E+05	2.314E+05	10.31	2.536E+05	1.71	2.450E+05	5.03
110	3.763E+03	2.580E+05	2.312E+05	10.37	2.534E+05	1.77	2.449E+05	5.09
111	3.764E+03	2.610E+05	2.311E+05	11.47	2.533E+05	2.96	2.447E+05	6.24
112	3.765E+03	2.600E+05	2.309E+05	11.19	2.531E+05	2.65	2.445E+05	5.94
113	3.767E+03	2.630E+05	2.306E+05	12.32	2.528E+05	3.88	2.442E+05	7.14
114	3.768E+03	2.640E+05	2.304E+05	12.72	2.526E+05	4.31	2.441E+05	7.55
115	3.769E+03	2.640E+05	2.303E+05	12.78	2.525E+05	4.37	2.439E+05	7.61
116	3.770E+03	2.630E+05	2.301E+05	12.51	2.523E+05	4.07	2.438E+05	7.32
117	3.771E+03	2.610E+05	2.299E+05	11.90	2.521E+05	3.39	2.436E+05	6.66
118	3.773E+03	2.590E+05	2.296E+05	11.34	2.518E+05	2.77	2.433E+05	6.07
119	3.774E+03	2.570E+05	2.295E+05	10.72	2.517E+05	2.07	2.431E+05	5.39
120	3.777E+03	2.560E+05	2.290E+05	10.56	2.512E+05	1.88	2.427E+05	5.21
121	3.779E+03	2.560E+05	2.287E+05	10.68	2.509E+05	2.00	2.424E+05	5.33
122	3.780E+03	2.570E+05	2.285E+05	11.08	2.507E+05	2.45	2.422E+05	5.76
123	3.781E+03	2.580E+05	2.284E+05	11.49	2.506E+05	2.89	2.420E+05	6.18
124	3.782E+03	2.580E+05	2.282E+05	11.55	2.504E+05	2.95	2.419E+05	6.24
125	3.784E+03	2.580E+05	2.279E+05	11.67	2.501E+05	3.07	2.416E+05	6.36
126	3.785E+03	2.570E+05	2.277E+05	11.38	2.499E+05	2.75	2.414E+05	6.06
127	3.786E+03	2.570E+05	2.276E+05	11.44	2.498E+05	2.82	2.413E+05	6.12
128	3.789E+03	2.550E+05	2.271E+05	10.93	2.493E+05	2.24	2.408E+05	5.57
129	3.791E+03	2.570E+05	2.268E+05	11.74	2.490E+05	3.12	2.405E+05	6.42
130	3.793E+03	2.590E+05	2.265E+05	12.54	2.487E+05	3.99	2.402E+05	7.26
131	3.796E+03	2.590E+05	2.261E+05	12.72	2.482E+05	4.17	2.397E+05	7.44
132	3.799E+03	2.600E+05	2.256E+05	13.23	2.477E+05	4.72	2.393E+05	7.97
133	3.801E+03	2.620E+05	2.253E+05	14.01	2.474E+05	5.57	2.390E+05	8.79
134	4.003E+03	2.360E+05	2.115E+05	10.36	2.179E+05	7.67	2.106E+05	10.74
135	4.005E+03	2.350E+05	2.125E+05	9.57	2.176E+05	7.39	2.104E+05	10.47
136	4.008E+03	2.360E+05	2.139E+05	9.34	2.172E+05	7.96	2.100E+05	11.02
137	4.010E+03	2.350E+05	2.149E+05	8.55	2.169E+05	7.68	2.097E+05	10.75
138	4.012E+03	2.360E+05	2.159E+05	8.53	2.167E+05	8.19	2.095E+05	11.24
139	4.014E+03	2.340E+05	2.168E+05	7.34	2.164E+05	7.52	2.092E+05	10.59
140	4.015E+03	2.390E+05	2.173E+05	9.07	2.163E+05	9.51	2.091E+05	12.51
141	4.016E+03	2.390E+05	2.178E+05	8.87	2.161E+05	9.57	2.090E+05	12.56
142	4.018E+03	2.440E+05	2.188E+05	10.34	2.475E+05	-1.44	2.402E+05	1.57
143	4.019E+03	2.540E+05	2.192E+05	13.68	2.474E+05	2.61	2.400E+05	5.50
144	4.020E+03	2.570E+05	2.197E+05	14.50	2.472E+05	3.81	2.399E+05	6.66
145	4.022E+03	2.640E+05	2.207E+05	16.41	2.469E+05	6.47	2.396E+05	9.25
146	4.023E+03	2.640E+05	2.212E+05	16.22	2.468E+05	6.53	2.394E+05	9.31



147	4.025E+03	2.700E+05	2.221E+05	17.73	2.465E+05	8.72	2.391E+05	11.43
148	4.026E+03	2.670E+05	2.226E+05	16.63	2.463E+05	7.75	2.390E+05	10.49
149	4.027E+03	2.710E+05	2.231E+05	17.68	2.462E+05	9.17	2.388E+05	11.86
150	4.029E+03	2.670E+05	2.241E+05	16.08	2.459E+05	7.92	2.386E+05	10.65
151	4.030E+03	2.660E+05	2.245E+05	15.59	2.457E+05	7.63	2.384E+05	10.37
152	4.031E+03	2.660E+05	2.250E+05	15.41	2.456E+05	7.69	2.383E+05	10.43
153	4.033E+03	2.610E+05	2.247E+05	13.89	2.453E+05	6.03	2.380E+05	8.82
154	4.035E+03	2.610E+05	2.245E+05	13.99	2.450E+05	6.15	2.377E+05	8.93
155	4.036E+03	2.580E+05	2.243E+05	13.04	2.448E+05	5.11	2.375E+05	7.93
156	4.037E+03	2.580E+05	2.242E+05	13.10	2.447E+05	5.17	2.374E+05	7.99
157	4.039E+03	2.560E+05	2.239E+05	12.52	2.444E+05	4.55	2.371E+05	7.38
158	4.040E+03	2.640E+05	2.238E+05	15.22	2.442E+05	7.50	2.370E+05	10.24
159	4.041E+03	2.580E+05	2.237E+05	13.30	2.441E+05	5.40	2.368E+05	8.21
160	4.044E+03	2.580E+05	2.233E+05	13.46	2.436E+05	5.58	2.364E+05	8.38
161	4.047E+03	2.590E+05	2.229E+05	13.95	2.432E+05	6.11	2.359E+05	8.90
162	4.050E+03	2.580E+05	2.225E+05	13.77	2.427E+05	5.92	2.355E+05	8.71
163	4.052E+03	2.600E+05	2.222E+05	14.54	2.424E+05	6.76	2.352E+05	9.53
164	4.054E+03	2.570E+05	2.219E+05	13.65	2.421E+05	5.79	2.349E+05	8.58
165	4.055E+03	2.580E+05	2.218E+05	14.03	2.420E+05	6.21	2.348E+05	8.99
166	4.056E+03	2.580E+05	2.217E+05	14.09	2.418E+05	6.27	2.347E+05	9.05
167	4.058E+03	2.550E+05	2.214E+05	13.18	2.415E+05	5.28	2.344E+05	8.09
168	4.061E+03	2.570E+05	2.210E+05	14.01	2.411E+05	6.19	2.339E+05	8.97
169	4.064E+03	2.580E+05	2.206E+05	14.50	2.407E+05	6.72	2.335E+05	9.49
170	4.066E+03	2.530E+05	2.203E+05	12.92	2.404E+05	4.99	2.332E+05	7.81
171	4.070E+03	2.580E+05	2.198E+05	14.81	2.398E+05	7.06	2.327E+05	9.82
172	4.072E+03	2.570E+05	2.195E+05	14.59	2.395E+05	6.81	2.324E+05	9.57
173	4.075E+03	2.570E+05	2.191E+05	14.74	2.391E+05	6.98	2.320E+05	9.74
174	4.078E+03	2.580E+05	2.187E+05	15.23	2.386E+05	7.51	2.316E+05	10.25
175	4.079E+03	2.590E+05	2.186E+05	15.61	2.385E+05	7.92	2.314E+05	10.65
176	4.081E+03	2.580E+05	2.183E+05	15.39	2.382E+05	7.68	2.311E+05	10.41
177	4.082E+03	2.560E+05	2.182E+05	14.78	2.380E+05	7.01	2.310E+05	9.77
178	4.084E+03	2.590E+05	2.179E+05	15.87	2.378E+05	8.20	2.307E+05	10.92
179	4.087E+03	2.580E+05	2.175E+05	15.69	2.373E+05	8.01	2.303E+05	10.74
180	4.090E+03	2.570E+05	2.171E+05	15.51	2.369E+05	7.82	2.299E+05	10.55
181	4.108E+03	2.420E+05	2.148E+05	11.23	2.343E+05	3.16	2.274E+05	6.03

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
48	1315	1	74RA1	1	4.27E+00	3.92E+00	7.10E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.012E+03	2.255E+05		2.159E+05	4.27	2.167E+05	3.92	2.095E+05	7.10

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
48	1316	8	36SC1	4	1.36E+01	4.95E+00	7.48E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	5.423E+03	1.241E+05		1.062E+05	14.40	1.164E+05	6.18	1.131E+05	8.83
2	6.479E+03	7.650E+04		6.668E+04	12.83	7.319E+04	4.32	7.120E+04	6.92
3	7.487E+03	5.205E+04		4.543E+04	12.71	5.010E+04	3.74	4.878E+04	6.29
4	8.650E+03	3.608E+04		3.088E+04	14.41	3.420E+04	5.22	3.332E+04	7.65

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
48	1317	15	60MA1	3	5.31E+00	7.88E+00	5.55E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.000E+03	7.970E+04		8.162E+04	-2.40	8.946E+04	-12.25	8.699E+04	-9.15

2	8.000E+03	4.110E+04	3.806E+04	7.39	4.207E+04	-2.35	4.097E+04	.31
3	1.000E+04	2.200E+04	2.092E+04	4.92	2.322E+04	-5.55	2.264E+04	-2.93

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
48	1318	20	59DE1	3	1.11E+01	1.57E+00	4.04E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.047E+03	4.207E+04	3.747E+04	10.92	4.142E+04	1.54	4.034E+04	4.11	
2	8.904E+03	3.231E+04	2.857E+04	11.57	3.166E+04	2.01	3.086E+04	4.50	
3	9.885E+03	2.419E+04	2.158E+04	10.79	2.395E+04	.99	2.335E+04	3.45	

IZ= 49

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
49	1342	156	61NO2	133	2.22E+01	1.84E+01	1.93E+01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	3.712E+03	7.600E+04	6.519E+04	14.22	6.478E+04	14.77	6.131E+04	19.33	
2	3.715E+03	7.600E+04	6.505E+04	14.40	6.465E+04	14.94	6.119E+04	19.49	
3	3.717E+03	7.800E+04	6.496E+04	16.72	6.456E+04	17.23	6.111E+04	21.66	
4	3.719E+03	7.600E+04	6.487E+04	14.65	6.447E+04	15.17	6.102E+04	19.71	
5	3.721E+03	7.400E+04	6.477E+04	12.47	6.438E+04	13.00	6.094E+04	17.65	
6	3.722E+03	7.800E+04	6.473E+04	17.02	6.434E+04	17.52	6.090E+04	21.92	
7	3.723E+03	7.600E+04	6.468E+04	14.89	6.429E+04	15.40	6.086E+04	19.92	
8	3.724E+03	7.600E+04	6.463E+04	14.96	6.425E+04	15.46	6.082E+04	19.98	
9	3.725E+03	7.600E+04	6.459E+04	15.02	6.421E+04	15.52	6.078E+04	20.03	
10	3.726E+03	7.800E+04	6.454E+04	17.26	6.416E+04	17.74	6.073E+04	22.14	
11	3.727E+03	8.000E+04	6.449E+04	19.38	6.412E+04	19.85	6.069E+04	24.13	
12	3.728E+03	8.200E+04	6.445E+04	21.41	6.408E+04	21.86	6.065E+04	26.03	
13	3.729E+03	8.400E+04	6.440E+04	23.33	6.403E+04	23.77	6.061E+04	27.84	
14	3.730E+03	8.800E+04	6.712E+04	23.73	6.399E+04	27.29	6.057E+04	31.17	
15	3.731E+03	1.030E+05	6.984E+04	32.20	1.994E+05	-93.58	1.925E+05	-86.87	
16	3.732E+03	1.140E+05	7.256E+04	36.35	1.993E+05	-74.81	1.924E+05	-68.75	
17	3.733E+03	1.240E+05	7.528E+04	39.29	1.992E+05	-60.62	1.923E+05	-55.06	
18	3.734E+03	1.280E+05	7.799E+04	39.07	1.991E+05	-55.52	1.922E+05	-50.13	
19	3.735E+03	1.350E+05	8.071E+04	40.21	1.990E+05	-47.38	1.921E+05	-42.27	
20	3.736E+03	1.410E+05	8.343E+04	40.83	1.989E+05	-41.03	1.920E+05	-36.14	
21	3.737E+03	1.430E+05	8.615E+04	39.75	1.987E+05	-38.98	1.919E+05	-34.17	
22	3.738E+03	1.540E+05	8.887E+04	42.29	1.986E+05	-28.98	1.918E+05	-24.52	
23	3.739E+03	1.700E+05	9.159E+04	46.12	1.985E+05	-16.78	1.917E+05	-12.74	
24	3.740E+03	1.790E+05	9.431E+04	47.31	1.984E+05	-10.85	1.916E+05	-7.01	
25	3.741E+03	1.890E+05	9.703E+04	48.66	1.983E+05	-4.93	1.915E+05	-1.30	
26	3.743E+03	1.940E+05	1.025E+05	47.18	1.981E+05	-2.11	1.912E+05	1.42	
27	3.744E+03	2.000E+05	1.052E+05	47.41	1.980E+05	1.00	1.911E+05	4.43	
28	3.745E+03	2.120E+05	1.079E+05	49.10	1.979E+05	6.66	1.910E+05	9.89	
29	3.747E+03	2.170E+05	1.133E+05	47.77	1.977E+05	8.90	1.908E+05	12.06	
30	3.749E+03	2.140E+05	1.188E+05	44.50	1.975E+05	7.73	1.906E+05	10.92	
31	3.750E+03	2.140E+05	1.215E+05	43.23	1.974E+05	7.78	1.905E+05	10.96	
32	3.751E+03	2.100E+05	1.242E+05	40.85	1.973E+05	6.07	1.904E+05	9.32	
33	3.752E+03	2.080E+05	1.269E+05	38.97	1.971E+05	5.22	1.903E+05	8.49	
34	3.753E+03	2.080E+05	1.297E+05	37.67	1.970E+05	5.27	1.902E+05	8.54	
35	3.755E+03	2.080E+05	1.351E+05	35.05	1.968E+05	5.37	1.900E+05	8.64	
36	3.756E+03	2.100E+05	1.378E+05	34.38	1.967E+05	6.32	1.899E+05	9.56	
37	3.757E+03	2.140E+05	1.405E+05	34.33	1.966E+05	8.12	1.898E+05	11.30	



38	3.760E+03	2.210E+05	1.487E+05	32.72	1.963E+05	11.18	1.895E+05	14.24
39	3.762E+03	2.230E+05	1.541E+05	30.89	1.961E+05	12.07	1.893E+05	15.10
40	3.764E+03	2.190E+05	1.596E+05	27.14	1.959E+05	10.56	1.891E+05	13.64
41	3.767E+03	2.170E+05	1.677E+05	22.71	1.956E+05	9.88	1.888E+05	12.99
42	3.769E+03	2.140E+05	1.732E+05	19.09	1.954E+05	8.71	1.886E+05	11.86
43	3.772E+03	2.150E+05	1.813E+05	15.67	1.950E+05	9.28	1.883E+05	12.41
44	3.774E+03	2.170E+05	1.867E+05	13.94	1.948E+05	10.22	1.881E+05	13.31
45	3.777E+03	2.190E+05	1.949E+05	11.00	1.945E+05	11.18	1.878E+05	14.24
46	3.779E+03	2.190E+05	1.946E+05	11.12	1.943E+05	11.28	1.876E+05	14.33
47	3.782E+03	2.210E+05	1.943E+05	12.10	1.940E+05	12.22	1.873E+05	15.24
48	3.784E+03	2.250E+05	1.940E+05	13.77	1.938E+05	13.87	1.871E+05	16.84
49	3.786E+03	2.230E+05	1.938E+05	13.11	1.936E+05	13.20	1.869E+05	16.18
50	3.789E+03	2.250E+05	1.934E+05	14.05	1.933E+05	14.11	1.866E+05	17.06
51	3.791E+03	2.230E+05	1.931E+05	13.40	1.931E+05	13.43	1.864E+05	16.40
52	3.794E+03	2.210E+05	1.927E+05	12.79	1.927E+05	12.79	1.861E+05	15.78
53	3.796E+03	2.190E+05	1.925E+05	12.11	1.925E+05	12.09	1.859E+05	15.10
54	3.799E+03	2.170E+05	1.921E+05	11.47	1.922E+05	11.42	1.856E+05	14.46
55	3.801E+03	2.150E+05	1.919E+05	10.77	1.920E+05	10.69	1.854E+05	13.76
56	3.921E+03	2.000E+05	1.774E+05	11.31	1.794E+05	10.30	1.733E+05	13.35
57	3.923E+03	2.000E+05	1.772E+05	11.42	1.792E+05	10.41	1.731E+05	13.45
58	3.926E+03	2.000E+05	1.768E+05	11.60	1.789E+05	10.57	1.728E+05	13.61
59	3.928E+03	2.000E+05	1.778E+05	11.10	1.786E+05	10.68	1.726E+05	13.71
60	3.930E+03	1.980E+05	1.800E+05	9.08	1.784E+05	9.89	1.724E+05	12.95
61	3.931E+03	1.980E+05	1.811E+05	8.53	1.783E+05	9.94	1.723E+05	13.00
62	3.932E+03	2.000E+05	1.822E+05	8.89	1.782E+05	10.90	1.722E+05	13.92
63	3.933E+03	1.980E+05	1.833E+05	7.41	1.781E+05	10.05	1.721E+05	13.11
64	3.934E+03	2.000E+05	1.844E+05	7.78	1.780E+05	11.00	1.719E+05	14.03
65	3.935E+03	2.000E+05	1.855E+05	7.23	1.779E+05	11.06	1.718E+05	14.08
66	3.936E+03	2.020E+05	1.867E+05	7.60	1.778E+05	11.99	1.717E+05	14.98
67	3.937E+03	2.020E+05	1.878E+05	7.05	1.777E+05	12.05	1.716E+05	15.03
68	3.938E+03	2.040E+05	1.889E+05	7.42	2.387E+05	-17.02	2.308E+05	-13.15
69	3.939E+03	2.100E+05	1.900E+05	9.54	2.387E+05	-13.65	2.308E+05	-9.90
70	3.940E+03	2.210E+05	1.911E+05	13.54	2.386E+05	-7.97	2.307E+05	-4.40
71	3.941E+03	2.210E+05	1.922E+05	13.04	2.386E+05	-7.94	2.307E+05	-4.38
72	3.943E+03	2.270E+05	1.944E+05	14.36	2.384E+05	-5.04	2.306E+05	-1.57
73	3.944E+03	2.290E+05	1.955E+05	14.63	2.384E+05	-4.10	2.305E+05	-1.66
74	3.945E+03	2.330E+05	1.966E+05	15.62	2.383E+05	-2.29	2.304E+05	1.09
75	3.946E+03	2.350E+05	1.977E+05	15.86	2.383E+05	-1.39	2.304E+05	1.96
76	3.947E+03	2.420E+05	1.988E+05	17.84	2.382E+05	1.57	2.303E+05	4.82
77	3.948E+03	2.460E+05	1.999E+05	18.73	2.382E+05	3.19	2.303E+05	6.39
78	3.949E+03	2.480E+05	2.010E+05	18.94	2.381E+05	3.99	2.302E+05	7.17
79	3.950E+03	2.500E+05	2.021E+05	19.14	2.380E+05	4.78	2.302E+05	7.93
80	3.951E+03	2.520E+05	2.033E+05	19.34	2.380E+05	5.56	2.301E+05	8.68
81	3.952E+03	2.570E+05	2.044E+05	20.48	2.379E+05	7.42	2.301E+05	10.48
82	3.953E+03	2.630E+05	2.055E+05	21.88	2.379E+05	9.56	2.300E+05	12.55
83	3.955E+03	2.690E+05	2.077E+05	22.80	2.377E+05	11.62	2.299E+05	14.54
84	3.956E+03	2.670E+05	2.088E+05	21.80	2.377E+05	10.98	2.298E+05	13.92
85	3.958E+03	2.650E+05	2.110E+05	20.38	2.376E+05	10.35	2.297E+05	13.31
86	3.959E+03	2.670E+05	2.121E+05	20.56	2.375E+05	11.04	2.297E+05	13.98
87	3.960E+03	2.630E+05	2.132E+05	18.93	2.375E+05	9.71	2.296E+05	12.70
88	3.962E+03	2.630E+05	2.154E+05	18.09	2.373E+05	9.76	2.295E+05	12.74
89	3.963E+03	2.630E+05	2.165E+05	17.67	2.373E+05	9.78	2.294E+05	12.76
90	3.964E+03	2.650E+05	2.176E+05	17.87	2.372E+05	10.49	2.294E+05	13.45



91	3.966E+03	2.650E+05	2.199E+05	17.04	2.371E+05	10.53	2.293E+05	13.49
92	3.967E+03	2.710E+05	2.210E+05	18.47	2.370E+05	12.54	2.292E+05	15.43
93	3.968E+03	2.710E+05	2.221E+05	18.06	2.370E+05	12.56	2.291E+05	15.45
94	3.970E+03	2.710E+05	2.243E+05	17.24	2.368E+05	12.61	2.290E+05	15.50
95	3.971E+03	2.710E+05	2.254E+05	16.83	2.368E+05	12.63	2.289E+05	15.52
96	3.972E+03	2.690E+05	2.265E+05	15.80	2.367E+05	12.01	2.289E+05	14.91
97	3.974E+03	2.690E+05	2.287E+05	14.98	2.366E+05	12.05	2.288E+05	14.96
98	3.975E+03	2.670E+05	2.298E+05	13.93	2.365E+05	11.42	2.287E+05	14.35
99	3.977E+03	2.650E+05	2.320E+05	12.44	2.364E+05	10.80	2.286E+05	13.75
100	3.978E+03	2.650E+05	2.331E+05	12.03	2.363E+05	10.83	2.285E+05	13.77
101	3.979E+03	2.630E+05	2.342E+05	10.94	2.362E+05	10.17	2.284E+05	13.14
102	3.981E+03	2.630E+05	2.339E+05	11.05	2.361E+05	10.23	2.283E+05	13.19
103	3.982E+03	2.650E+05	2.338E+05	11.78	2.360E+05	10.93	2.282E+05	13.87
104	4.216E+03	2.350E+05	2.156E+05	8.23	2.063E+05	12.21	1.995E+05	15.09
105	4.220E+03	2.330E+05	2.174E+05	6.71	2.057E+05	11.70	1.990E+05	14.60
106	4.223E+03	2.350E+05	2.187E+05	6.95	2.053E+05	12.64	1.986E+05	15.50
107	4.226E+03	2.330E+05	2.200E+05	5.59	2.049E+05	12.07	1.982E+05	14.95
108	4.229E+03	2.310E+05	2.213E+05	4.21	2.044E+05	11.50	1.977E+05	14.39
109	4.230E+03	2.350E+05	2.217E+05	5.66	2.043E+05	13.07	1.976E+05	15.91
110	4.232E+03	2.330E+05	2.226E+05	4.48	2.040E+05	12.44	1.973E+05	15.31
111	4.233E+03	2.360E+05	2.230E+05	5.51	2.039E+05	13.61	1.972E+05	16.44
112	4.235E+03	2.380E+05	2.239E+05	5.94	2.036E+05	14.46	1.969E+05	17.26
113	4.236E+03	2.480E+05	2.243E+05	9.56	2.034E+05	17.96	1.968E+05	20.65
114	4.237E+03	2.520E+05	2.247E+05	10.82	2.033E+05	19.32	1.967E+05	21.96
115	4.238E+03	2.570E+05	2.252E+05	12.39	2.331E+05	9.28	2.263E+05	11.95
116	4.239E+03	2.650E+05	2.256E+05	14.87	2.330E+05	12.07	2.262E+05	14.66
117	4.240E+03	2.710E+05	2.260E+05	16.60	2.329E+05	14.07	2.260E+05	16.60
118	4.241E+03	2.750E+05	2.265E+05	17.65	2.327E+05	15.37	2.259E+05	17.86
119	4.243E+03	2.760E+05	2.273E+05	17.64	2.325E+05	15.77	2.256E+05	18.25
120	4.244E+03	2.730E+05	2.278E+05	16.57	2.323E+05	14.89	2.255E+05	17.40
121	4.246E+03	2.670E+05	2.281E+05	14.59	2.321E+05	13.08	2.252E+05	15.64
122	4.247E+03	2.630E+05	2.279E+05	13.34	2.319E+05	11.81	2.251E+05	14.40
123	4.250E+03	2.590E+05	2.275E+05	12.15	2.315E+05	10.60	2.247E+05	13.23
124	4.253E+03	2.570E+05	2.272E+05	11.61	2.311E+05	10.06	2.243E+05	12.71
125	4.257E+03	2.590E+05	2.266E+05	12.50	2.306E+05	10.96	2.238E+05	13.58
126	4.260E+03	2.610E+05	2.262E+05	13.31	2.302E+05	11.79	2.235E+05	14.39
127	4.262E+03	2.610E+05	2.260E+05	13.41	2.300E+05	11.89	2.232E+05	14.48
128	4.266E+03	2.590E+05	2.255E+05	12.94	2.294E+05	11.42	2.227E+05	14.02
129	4.269E+03	2.570E+05	2.251E+05	12.42	2.290E+05	10.88	2.223E+05	13.50
130	4.272E+03	2.570E+05	2.247E+05	12.57	2.286E+05	11.03	2.219E+05	13.65
131	4.275E+03	2.560E+05	2.243E+05	12.38	2.283E+05	10.84	2.216E+05	13.46
132	4.278E+03	2.570E+05	2.239E+05	12.87	2.279E+05	11.34	2.212E+05	13.94
133	4.281E+03	2.570E+05	2.235E+05	13.02	2.275E+05	11.49	2.208E+05	14.09

IZ= 50

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1350	14	36B11	14	1.39E+01	1.39E+01	1.81E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	1.234E+06	9.683E+05		21.53	9.718E+05	21.25	9.048E+05	26.68	
2	1.490E+03	8.532E+05	6.548E+05		23.26	6.598E+05	22.67	6.158E+05	27.82	
3	1.744E+03	5.299E+05	4.580E+05		13.57	4.561E+05	13.93	4.267E+05	19.48	

4	2.019E+03	3.729E+05	3.257E+05	12.65	3.208E+05	13.98	3.008E+05	19.34
5	2.312E+03	2.619E+05	2.358E+05	9.95	2.306E+05	11.95	2.167E+05	17.27
6	2.627E+03	1.985E+05	1.726E+05	13.05	1.684E+05	15.16	1.585E+05	20.14
7	3.320E+03	1.106E+05	9.500E+04	14.11	9.391E+04	15.09	8.872E+04	19.79
8	3.698E+03	8.415E+04	7.113E+04	15.47	7.155E+04	14.97	6.770E+04	19.54
9	4.097E+03	1.994E+05	1.736E+05	12.92	1.756E+05	11.91	1.697E+05	14.90
10	4.517E+03	2.400E+05	2.098E+05	12.60	2.141E+05	10.80	2.079E+05	13.39
11	4.960E+03	1.888E+05	1.678E+05	11.11	1.704E+05	9.76	1.655E+05	12.34
12	5.423E+03	1.506E+05	1.348E+05	10.49	1.358E+05	9.82	1.320E+05	12.36
13	5.907E+03	1.188E+05	1.087E+05	8.46	1.087E+05	8.50	1.057E+05	11.03
14	6.939E+03	7.292E+04	7.180E+04	1.53	7.146E+04	2.00	6.955E+04	4.62

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1351	11	68H01	6	5.37E+00	5.82E+00	6.12E+00			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.692E+03	7.233E+04	7.144E+04	1.23	7.185E+04	.67	6.798E+04	6.01		
2	4.953E+03	1.577E+05	1.684E+05	-6.79	1.710E+05	-8.41	1.661E+05	-5.31		
3	5.414E+03	1.277E+05	1.354E+05	-6.00	1.364E+05	-6.80	1.326E+05	-3.80		
4	6.404E+03	8.522E+04	8.843E+04	-3.77	8.805E+04	-3.32	8.566E+04	-.51		
5	8.040E+03	5.167E+04	4.870E+04	5.75	4.865E+04	5.85	4.739E+04	8.29		
6	8.640E+03	4.298E+04	4.019E+04	6.49	4.024E+04	6.38	3.921E+04	8.77		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1352	143	61N02	130	1.71E+01	2.00E+01	1.90E+01			
	N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.910E+03	6.300E+04	6.095E+04	3.25	6.214E+04	1.37	5.884E+04	6.60		
2	3.915E+03	6.300E+04	6.073E+04	3.60	6.194E+04	1.69	5.865E+04	6.90		
3	3.918E+03	6.500E+04	6.060E+04	6.77	6.182E+04	4.90	5.854E+04	9.94		
4	3.921E+03	6.500E+04	6.047E+04	6.97	6.170E+04	5.08	5.843E+04	10.11		
5	3.922E+03	6.700E+04	6.042E+04	9.82	6.166E+04	7.98	5.839E+04	12.85		
6	3.923E+03	6.500E+04	6.038E+04	7.11	6.162E+04	5.21	5.835E+04	10.23		
7	3.924E+03	6.700E+04	6.034E+04	9.95	6.158E+04	8.10	5.831E+04	12.96		
8	3.926E+03	6.900E+04	6.025E+04	12.69	6.150E+04	10.87	5.824E+04	15.59		
9	3.927E+03	7.100E+04	6.020E+04	15.21	6.146E+04	13.44	5.820E+04	18.02		
10	3.928E+03	7.300E+04	6.265E+04	14.18	6.142E+04	15.87	5.816E+04	20.32		
11	3.929E+03	8.500E+04	6.509E+04	23.43	1.825E+05	-114.70	1.762E+05	-107.35		
12	3.930E+03	9.300E+04	6.753E+04	27.39	1.826E+05	-96.31	1.763E+05	-89.58		
13	3.931E+03	1.020E+05	6.997E+04	31.40	1.826E+05	-79.05	1.764E+05	-72.92		
14	3.932E+03	1.040E+05	7.241E+04	30.37	1.827E+05	-75.67	1.764E+05	-69.65		
15	3.933E+03	1.080E+05	7.486E+04	30.69	1.828E+05	-69.22	1.765E+05	-63.43		
16	3.934E+03	1.140E+05	7.730E+04	32.19	1.828E+05	-60.37	1.766E+05	-54.88		
17	3.935E+03	1.240E+05	7.974E+04	35.69	1.829E+05	-47.49	1.766E+05	-42.44		
18	3.936E+03	1.360E+05	8.218E+04	39.57	1.830E+05	-34.53	1.767E+05	-29.92		
19	3.937E+03	1.440E+05	8.463E+04	41.23	1.830E+05	-27.10	1.768E+05	-22.75		
20	3.938E+03	1.540E+05	8.707E+04	43.46	1.831E+05	-18.89	1.768E+05	-14.82		
21	3.939E+03	1.600E+05	8.951E+04	44.06	1.831E+05	-14.47	1.769E+05	-10.55		
22	3.940E+03	1.660E+05	9.195E+04	44.61	1.832E+05	-10.37	1.769E+05	-6.59		
23	3.941E+03	1.680E+05	9.439E+04	43.81	1.833E+05	-9.09	1.770E+05	-5.36		
24	3.943E+03	1.680E+05	9.928E+04	40.91	1.834E+05	-9.17	1.771E+05	-5.44		
25	3.944E+03	1.680E+05	1.017E+05	39.45	1.835E+05	-9.20	1.772E+05	-5.47		
26	3.945E+03	1.690E+05	1.042E+05	38.36	1.835E+05	-8.59	1.773E+05	-4.88		
27	3.947E+03	1.730E+05	1.090E+05	36.97	1.836E+05	-6.15	1.774E+05	-2.53		
28	3.948E+03	1.790E+05	1.115E+05	37.72	1.837E+05	-2.63	1.774E+05	.88		



29	3.950E+03	1.770E+05	1.164E+05	34.25	1.838E+05	-3.86	1.775E+05	-.31
30	3.951E+03	1.810E+05	1.188E+05	34.36	1.839E+05	-1.59	1.776E+05	1.88
31	3.952E+03	1.790E+05	1.213E+05	32.26	1.839E+05	-2.76	1.777E+05	.75
32	3.954E+03	1.770E+05	1.261E+05	28.73	1.840E+05	-3.98	1.778E+05	-.43
33	3.955E+03	1.790E+05	1.286E+05	28.16	1.841E+05	-2.85	1.778E+05	.66
34	3.956E+03	1.810E+05	1.310E+05	27.61	1.842E+05	-1.74	1.779E+05	1.73
35	3.958E+03	1.850E+05	1.359E+05	26.53	1.843E+05	.40	1.780E+05	3.80
36	3.959E+03	1.850E+05	1.384E+05	25.21	1.843E+05	.37	1.780E+05	3.77
37	3.960E+03	1.850E+05	1.408E+05	23.89	1.844E+05	.34	1.781E+05	3.74
38	3.963E+03	1.830E+05	1.481E+05	19.06	1.845E+05	-.82	1.782E+05	2.61
39	3.966E+03	1.810E+05	1.555E+05	14.12	1.846E+05	-2.01	1.783E+05	1.47
40	3.968E+03	1.810E+05	1.603E+05	11.42	1.847E+05	-2.06	1.784E+05	1.42
41	3.971E+03	1.790E+05	1.677E+05	6.33	1.848E+05	-3.26	1.785E+05	.26
42	3.973E+03	1.790E+05	1.725E+05	3.61	1.849E+05	-3.30	1.786E+05	.22
43	3.976E+03	1.790E+05	1.799E+05	-.49	1.850E+05	-3.35	1.787E+05	.17
44	3.979E+03	1.770E+05	1.872E+05	-5.76	1.851E+05	-4.56	1.788E+05	-1.00
45	3.982E+03	1.790E+05	1.868E+05	-4.38	1.851E+05	-3.43	1.788E+05	.09
46	3.985E+03	1.810E+05	1.865E+05	-3.03	1.852E+05	-2.31	1.789E+05	1.17
47	3.987E+03	1.830E+05	1.863E+05	-1.78	1.852E+05	-1.21	1.789E+05	2.24
48	3.990E+03	1.850E+05	1.859E+05	-.48	1.852E+05	-.12	1.789E+05	3.28
49	3.993E+03	1.870E+05	1.855E+05	.78	1.852E+05	.95	1.789E+05	4.32
50	3.995E+03	1.870E+05	1.853E+05	.91	1.852E+05	.95	1.789E+05	4.32
51	3.998E+03	1.850E+05	1.849E+05	.03	1.852E+05	-.10	1.789E+05	3.30
52	4.001E+03	1.810E+05	1.846E+05	-1.98	1.851E+05	-2.28	1.788E+05	1.19
53	4.004E+03	1.790E+05	1.842E+05	-2.93	1.851E+05	-3.39	1.788E+05	.13
54	4.006E+03	1.810E+05	1.840E+05	-1.66	1.850E+05	-2.21	1.787E+05	1.26
55	4.009E+03	1.790E+05	1.836E+05	-2.59	1.849E+05	-3.29	1.786E+05	.21
56	4.135E+03	1.680E+05	1.695E+05	-.91	1.700E+05	-1.21	1.642E+05	2.23
57	4.138E+03	1.690E+05	1.703E+05	-.80	1.696E+05	-.35	1.638E+05	3.06
58	4.141E+03	1.680E+05	1.734E+05	-3.22	1.692E+05	-.69	1.634E+05	2.73
59	4.144E+03	1.660E+05	1.765E+05	-6.32	1.687E+05	-1.64	1.630E+05	1.81
60	4.146E+03	1.680E+05	1.785E+05	-6.27	1.684E+05	-.26	1.627E+05	3.15
61	4.147E+03	1.660E+05	1.796E+05	-8.17	1.683E+05	-1.38	1.626E+05	2.06
62	4.149E+03	1.680E+05	1.816E+05	-8.10	1.680E+05	-.01	1.623E+05	3.39
63	4.150E+03	1.680E+05	1.826E+05	-8.71	1.679E+05	.08	1.622E+05	3.47
64	4.151E+03	1.690E+05	1.837E+05	-8.68	1.677E+05	.75	1.620E+05	4.12
65	4.153E+03	1.690E+05	1.857E+05	-9.89	1.675E+05	.92	1.618E+05	4.28
66	4.154E+03	1.690E+05	1.867E+05	-10.49	1.673E+05	1.00	1.616E+05	4.36
67	4.155E+03	1.690E+05	1.878E+05	-11.10	1.672E+05	1.08	1.615E+05	4.44
68	4.156E+03	1.750E+05	1.888E+05	-7.88	1.670E+05	4.55	1.614E+05	7.80
69	4.157E+03	1.770E+05	1.898E+05	-7.24	2.256E+05	-27.48	2.182E+05	-23.27
70	4.164E+03	2.030E+05	1.970E+05	2.97	2.248E+05	-10.73	2.174E+05	-7.08
71	4.165E+03	2.070E+05	1.980E+05	4.35	2.247E+05	-8.53	2.172E+05	-4.95
72	4.166E+03	2.130E+05	1.990E+05	6.56	2.245E+05	-5.42	2.171E+05	-1.94
73	4.167E+03	2.170E+05	2.001E+05	7.81	2.244E+05	-3.42	2.170E+05	-.01
74	4.168E+03	2.170E+05	2.011E+05	7.34	2.243E+05	-3.36	2.169E+05	.05
75	4.170E+03	2.170E+05	2.031E+05	6.39	2.241E+05	-3.25	2.167E+05	.15
76	4.171E+03	2.190E+05	2.042E+05	6.78	2.239E+05	-2.25	2.165E+05	1.12
77	4.172E+03	2.210E+05	2.052E+05	7.16	2.238E+05	-1.27	2.164E+05	2.07
78	4.174E+03	2.210E+05	2.072E+05	6.23	2.236E+05	-1.16	2.162E+05	2.17
79	4.175E+03	2.230E+05	2.082E+05	6.61	2.234E+05	-.20	2.161E+05	3.10
80	4.177E+03	2.210E+05	2.103E+05	4.84	2.232E+05	-1.00	2.159E+05	2.33
81	4.178E+03	2.230E+05	2.113E+05	5.24	2.231E+05	-.04	2.157E+05	3.26

82	4.180E+03	2.250E+05	2.134E+05	5.17	2.228E+05	.96	2.155E+05	4.22
83	4.182E+03	2.230E+05	2.154E+05	3.40	2.226E+05	.18	2.153E+05	3.47
84	4.183E+03	2.230E+05	2.164E+05	2.94	2.225E+05	.23	2.152E+05	3.52
85	4.185E+03	2.250E+05	2.185E+05	2.89	2.222E+05	1.22	2.149E+05	4.48
86	4.186E+03	2.230E+05	2.195E+05	1.56	2.221E+05	.39	2.148E+05	3.67
87	4.189E+03	2.230E+05	2.226E+05	.18	2.218E+05	.55	2.145E+05	3.83
88	4.192E+03	2.230E+05	2.245E+05	-.68	2.214E+05	.71	2.141E+05	3.98
89	4.195E+03	2.230E+05	2.241E+05	-.50	2.211E+05	.87	2.138E+05	4.14
90	4.198E+03	2.250E+05	2.237E+05	.57	2.207E+05	1.91	2.134E+05	5.14
91	4.201E+03	2.250E+05	2.233E+05	.75	2.203E+05	2.07	2.131E+05	5.29
92	4.204E+03	2.230E+05	2.229E+05	.04	2.200E+05	1.35	2.127E+05	4.60
93	4.444E+03	2.010E+05	2.061E+05	-2.56	1.936E+05	3.70	1.873E+05	6.83
94	4.447E+03	2.010E+05	2.071E+05	-3.02	1.933E+05	3.85	1.870E+05	6.98
95	4.450E+03	2.010E+05	2.080E+05	-3.47	1.929E+05	4.01	1.867E+05	7.13
96	4.453E+03	1.990E+05	2.089E+05	-4.97	1.926E+05	3.20	1.864E+05	6.34
97	4.455E+03	1.970E+05	2.095E+05	-6.35	1.924E+05	2.32	1.862E+05	5.50
98	4.457E+03	2.030E+05	2.101E+05	-3.50	1.922E+05	5.31	1.860E+05	8.39
99	4.459E+03	2.010E+05	2.107E+05	-4.84	1.920E+05	4.47	1.858E+05	7.57
100	4.460E+03	2.010E+05	2.110E+05	-4.99	1.919E+05	4.52	1.857E+05	7.62
101	4.462E+03	2.050E+05	2.116E+05	-3.24	1.917E+05	6.49	1.855E+05	9.52
102	4.463E+03	2.090E+05	2.119E+05	-1.41	1.916E+05	8.32	1.854E+05	11.30
103	4.464E+03	2.150E+05	2.123E+05	1.28	1.915E+05	10.93	1.853E+05	13.82
104	4.465E+03	2.250E+05	2.126E+05	5.53	2.202E+05	2.15	2.137E+05	5.00
105	4.466E+03	2.350E+05	2.129E+05	9.42	2.200E+05	6.37	2.136E+05	9.09
106	4.467E+03	2.420E+05	2.132E+05	11.91	2.199E+05	9.12	2.135E+05	11.77
107	4.469E+03	2.400E+05	2.138E+05	10.93	2.197E+05	8.46	2.133E+05	11.13
108	4.470E+03	2.380E+05	2.141E+05	10.05	2.196E+05	7.75	2.132E+05	10.43
109	4.471E+03	2.330E+05	2.144E+05	7.99	2.194E+05	5.82	2.131E+05	8.56
110	4.472E+03	2.270E+05	2.147E+05	5.42	2.193E+05	3.38	2.129E+05	6.19
111	4.474E+03	2.230E+05	2.145E+05	3.82	2.191E+05	1.75	2.127E+05	4.61
112	4.476E+03	2.210E+05	2.143E+05	3.05	2.189E+05	.97	2.125E+05	3.86
113	4.477E+03	2.230E+05	2.141E+05	3.97	2.187E+05	1.91	2.124E+05	4.77
114	4.479E+03	2.210E+05	2.139E+05	3.20	2.185E+05	1.13	2.121E+05	4.01
115	4.481E+03	2.230E+05	2.137E+05	4.17	2.183E+05	2.12	2.119E+05	4.97
116	4.485E+03	2.230E+05	2.133E+05	4.37	2.178E+05	2.33	2.115E+05	5.18
117	4.488E+03	2.210E+05	2.129E+05	3.65	2.174E+05	1.61	2.111E+05	4.47
118	4.491E+03	2.210E+05	2.126E+05	3.80	2.171E+05	1.77	2.108E+05	4.63
119	4.495E+03	2.210E+05	2.122E+05	4.00	2.166E+05	1.98	2.103E+05	4.83
120	4.496E+03	2.190E+05	2.121E+05	3.17	2.165E+05	1.14	2.102E+05	4.01
121	4.498E+03	2.170E+05	2.118E+05	2.38	2.163E+05	.33	2.100E+05	3.23
122	4.500E+03	2.170E+05	2.116E+05	2.48	2.160E+05	.44	2.098E+05	3.34
123	4.502E+03	2.210E+05	2.114E+05	4.34	2.158E+05	2.35	2.095E+05	5.19
124	4.505E+03	2.210E+05	2.111E+05	4.49	2.155E+05	2.50	2.092E+05	5.34
125	4.508E+03	2.210E+05	2.107E+05	4.64	2.151E+05	2.66	2.089E+05	5.49
126	4.515E+03	2.190E+05	2.100E+05	4.12	2.143E+05	2.14	2.081E+05	4.99
127	5.158E+03	1.810E+05	1.525E+05	15.72	1.544E+05	14.69	1.500E+05	17.11
128	5.159E+03	1.870E+05	1.525E+05	18.46	1.543E+05	17.47	1.500E+05	19.81
129	5.161E+03	1.890E+05	1.523E+05	19.40	1.542E+05	18.42	1.498E+05	20.74
130	5.162E+03	1.950E+05	1.523E+05	21.92	1.541E+05	20.97	1.497E+05	23.21

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1353	8	60EH1	7	1.56E+01	1.59E+01	1.29E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	



1	4.516E+03	1.896E+05	2.099E+05	-10.69	2.142E+05	-12.98	2.080E+05	-9.69
2	5.420E+03	1.121E+05	1.350E+05	-20.42	1.360E+05	-21.32	1.322E+05	-17.91
3	5.904E+03	8.727E+04	1.089E+05	-24.77	1.088E+05	-24.72	1.058E+05	-21.27
4	6.409E+03	7.641E+04	8.825E+04	-15.50	8.787E+04	-15.00	8.548E+04	-11.88
5	7.484E+03	5.260E+04	5.888E+04	-11.94	5.868E+04	-11.57	5.714E+04	-8.63
6	8.053E+03	4.320E+04	4.849E+04	-12.25	4.844E+04	-12.13	4.719E+04	-9.23
7	8.644E+03	3.825E+04	4.014E+04	-4.95	4.019E+04	-5.07	3.916E+04	-2.39

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1354	15	69DE1	9	2.90E+00	2.69E+00	5.12E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.000E+03	1.732E+05	1.646E+05	4.96	1.670E+05	3.59	1.622E+05	6.34		
2	6.404E+03	9.168E+04	8.843E+04	3.54	8.805E+04	3.96	8.566E+04	6.57		
3	7.058E+03	7.124E+04	6.868E+04	3.59	6.837E+04	4.03	6.655E+04	6.58		
4	8.000E+03	5.065E+04	4.935E+04	2.57	4.929E+04	2.69	4.801E+04	5.21		
5	8.398E+03	4.456E+04	4.336E+04	2.68	4.337E+04	2.66	4.226E+04	5.16		
6	9.000E+03	3.650E+04	3.602E+04	1.31	3.611E+04	1.06	3.520E+04	3.56		
7	9.500E+03	3.173E+04	3.115E+04	1.84	3.128E+04	1.41	3.050E+04	3.88		
8	9.962E+03	2.791E+04	2.741E+04	1.80	2.756E+04	1.24	2.688E+04	3.69		
9	1.000E+04	2.763E+04	2.712E+04	1.84	2.729E+04	1.25	2.661E+04	3.69		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1355	9	9BA1	6	7.48E+00	7.60E+00	9.94E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.410E+03	1.407E+05	1.356E+05	3.61	1.366E+05	2.88	1.328E+05	5.61		
2	6.400E+03	9.302E+04	8.858E+04	4.78	8.820E+04	5.19	8.580E+04	7.77		
3	6.930E+03	7.726E+04	7.205E+04	6.74	7.171E+04	7.19	6.979E+04	9.67		
4	7.480E+03	6.464E+04	5.896E+04	8.78	5.877E+04	9.09	5.722E+04	11.48		
5	8.050E+03	5.361E+04	4.854E+04	9.46	4.849E+04	9.56	4.723E+04	11.90		
6	8.640E+03	4.434E+04	4.019E+04	9.36	4.024E+04	9.25	3.921E+04	11.57		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1356	14	79PA1	5	3.66E+00	3.79E+00	3.93E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.900E+03	1.052E+05	1.091E+05	-3.68	1.090E+05	-3.65	1.060E+05	-.78		
2	6.400E+03	9.310E+04	8.858E+04	4.86	8.820E+04	5.27	8.580E+04	7.85		
3	7.100E+03	6.640E+04	6.763E+04	-1.85	6.732E+04	-1.39	6.553E+04	1.31		
4	8.000E+03	4.920E+04	4.935E+04	-.30	4.929E+04	-.18	4.801E+04	2.42		
5	8.900E+03	3.530E+04	3.712E+04	-5.15	3.720E+04	-5.38	3.626E+04	-2.71		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1358	5	7BA1	5	8.38E+00	8.59E+00	1.10E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.400E+03	9.454E+04	8.858E+04	6.31	8.820E+04	6.71	8.580E+04	9.25		
2	6.930E+03	7.806E+04	7.205E+04	7.70	7.171E+04	8.14	6.979E+04	10.60		
3	7.470E+03	6.429E+04	5.917E+04	7.96	5.897E+04	8.27	5.742E+04	10.68		
4	8.040E+03	5.378E+04	4.870E+04	9.45	4.865E+04	9.55	4.739E+04	11.89		
5	8.630E+03	4.479E+04	4.032E+04	9.98	4.036E+04	9.89	3.933E+04	12.19		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
50	1357	6	74MA1	4	3.57E+00	3.57E+00	5.14E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.400E+03	8.908E+04	8.858E+04	.56	8.820E+04	.99	8.580E+04	3.69		



2	7.058E+03	6.740E+04	6.868E+04	-1.90	6.837E+04	-1.44	6.655E+04	1.26
3	7.472E+03	5.854E+04	5.913E+04	-1.01	5.893E+04	-.67	5.738E+04	1.98
4	8.041E+03	5.223E+04	4.868E+04	6.79	4.863E+04	6.89	4.737E+04	9.30
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1359	13	26AL1	7	1.05E+01	1.05E+01	1.28E+01	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	6.410E+03	9.657E+04	8.822E+04	8.65	8.784E+04	9.04	8.545E+04	11.52
2	7.040E+03	7.588E+04	6.914E+04	8.89	6.883E+04	9.30	6.699E+04	11.71
3	7.490E+03	6.405E+04	5.875E+04	8.27	5.856E+04	8.57	5.702E+04	10.97
4	8.070E+03	5.420E+04	4.822E+04	11.03	4.817E+04	11.12	4.693E+04	13.42
5	8.660E+03	4.631E+04	3.994E+04	13.75	3.999E+04	13.64	3.897E+04	15.84
6	8.930E+03	4.040E+04	3.679E+04	8.94	3.687E+04	8.74	3.594E+04	11.05
7	9.590E+03	3.469E+04	3.037E+04	12.46	3.051E+04	12.06	2.974E+04	14.26
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1362	9	66BE1	2	6.17E+00	5.82E+00	8.00E+00	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	8.048E+03	4.980E+04	4.857E+04	2.47	4.852E+04	2.57	4.726E+04	5.10
2	1.000E+04	2.960E+04	2.712E+04	8.37	2.729E+04	7.82	2.661E+04	10.10
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1363	2	53HU1	1	7.87E+00	7.97E+00	1.04E+01	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	8.047E+03	5.274E+04	4.859E+04	7.87	4.853E+04	7.97	4.728E+04	10.36
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1364	27	31KU1	2	3.52E+00	3.50E+00	5.98E+00	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	8.060E+03	5.005E+04	4.838E+04	3.34	4.833E+04	3.44	4.708E+04	5.94
2	8.650E+03	4.160E+04	4.007E+04	3.69	4.012E+04	3.57	3.909E+04	6.03
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1365	42	41LA1	4	2.90E+00	2.69E+00	5.15E+00	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	8.057E+03	4.990E+04	4.843E+04	2.95	4.838E+04	3.05	4.712E+04	5.56
2	8.650E+03	4.108E+04	4.007E+04	2.47	4.012E+04	2.35	3.909E+04	4.84
3	9.273E+03	3.435E+04	3.325E+04	3.22	3.336E+04	2.88	3.252E+04	5.33
4	9.894E+03	2.876E+04	2.792E+04	2.93	2.807E+04	2.39	2.738E+04	4.82
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1367	14	32MA1	5	1.11E+01	1.08E+01	1.30E+01	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	8.398E+03	4.868E+04	4.336E+04	10.92	4.337E+04	10.90	4.226E+04	13.19
2	8.639E+03	4.592E+04	4.020E+04	12.45	4.025E+04	12.35	3.922E+04	14.58
3	9.628E+03	3.429E+04	3.004E+04	12.38	3.019E+04	11.97	2.943E+04	14.17
4	9.713E+03	3.271E+04	2.934E+04	10.29	2.949E+04	9.85	2.875E+04	12.10
5	9.962E+03	3.015E+04	2.741E+04	9.10	2.756E+04	8.58	2.688E+04	10.84
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR	
50	1366	24	34GR1	2	3.59E+00	3.59E+00	6.06E+00	
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR
1	8.064E+03	5.026E+04	4.832E+04	3.87	4.827E+04	3.97	4.702E+04	6.45

2 8.656E+03 4.135E+04 3.999E+04 3.29 4.004E+04 3.16 3.902E+04 5.63

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
51	1424	138	61NO2	125	4.20E+01	2.16E+01	1.98E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.115E+03	5.900E+04	1.278E+05	-116.59	5.963E+04	-1.06	5.648E+04	4.27		
2	4.118E+03	6.100E+04	1.343E+05	-120.15	5.952E+04	2.43	5.637E+04	7.58		
3	4.121E+03	5.900E+04	1.408E+05	-138.63	5.941E+04	-.69	5.627E+04	4.63		
4	4.124E+03	6.100E+04	1.473E+05	-141.46	5.930E+04	2.79	5.617E+04	7.92		
5	4.127E+03	6.100E+04	1.538E+05	-152.12	5.919E+04	2.97	5.606E+04	8.09		
6	4.128E+03	6.100E+04	1.560E+05	-155.68	5.915E+04	3.03	5.603E+04	8.15		
7	4.130E+03	6.300E+04	1.603E+05	-154.44	5.908E+04	6.22	5.596E+04	11.17		
8	4.131E+03	6.900E+04	1.625E+05	-135.46	5.904E+04	14.43	5.593E+04	18.94		
9	4.132E+03	7.300E+04	1.646E+05	-125.53	5.901E+04	19.17	5.589E+04	23.43		
10	4.133E+03	7.900E+04	1.668E+05	-111.14	1.757E+05	-122.45	1.697E+05	-114.85		
11	4.134E+03	8.900E+04	1.690E+05	-89.85	1.757E+05	-97.37	1.697E+05	-90.63		
12	4.135E+03	9.100E+04	1.711E+05	-88.06	1.756E+05	-92.95	1.696E+05	-86.36		
13	4.136E+03	9.500E+04	1.733E+05	-82.42	1.755E+05	-84.75	1.695E+05	-78.43		
14	4.137E+03	1.070E+05	1.755E+05	-63.99	1.754E+05	-63.96	1.694E+05	-58.36		
15	4.138E+03	1.150E+05	1.754E+05	-52.49	1.754E+05	-52.49	1.694E+05	-47.28		
16	4.139E+03	1.270E+05	1.753E+05	-38.00	1.753E+05	-38.02	1.693E+05	-33.30		
17	4.140E+03	1.350E+05	1.752E+05	-29.75	1.752E+05	-29.79	1.692E+05	-25.35		
18	4.141E+03	1.420E+05	1.751E+05	-23.28	1.751E+05	-23.33	1.692E+05	-19.12		
19	4.142E+03	1.500E+05	1.749E+05	-16.63	1.751E+05	-16.71	1.691E+05	-12.72		
20	4.143E+03	1.560E+05	1.748E+05	-12.08	1.750E+05	-12.17	1.690E+05	-8.34		
21	4.145E+03	1.620E+05	1.746E+05	-7.80	1.748E+05	-7.92	1.689E+05	-4.24		
22	4.146E+03	1.640E+05	1.745E+05	-6.42	1.748E+05	-6.56	1.688E+05	-2.92		
23	4.147E+03	1.640E+05	1.744E+05	-6.36	1.747E+05	-6.51	1.687E+05	-2.88		
24	4.149E+03	1.660E+05	1.742E+05	-4.95	1.745E+05	-5.14	1.686E+05	-1.55		
25	4.150E+03	1.660E+05	1.741E+05	-4.89	1.745E+05	-5.10	1.685E+05	-1.51		
26	4.152E+03	1.660E+05	1.739E+05	-4.76	1.743E+05	-5.01	1.684E+05	-1.42		
27	4.153E+03	1.660E+05	1.738E+05	-4.70	1.742E+05	-4.96	1.683E+05	-1.38		
28	4.155E+03	1.640E+05	1.736E+05	-5.85	1.741E+05	-6.15	1.681E+05	-2.53		
29	4.156E+03	1.640E+05	1.735E+05	-5.78	1.740E+05	-6.10	1.681E+05	-2.49		
30	4.158E+03	1.680E+05	1.733E+05	-3.14	1.739E+05	-3.49	1.679E+05	.04		
31	4.159E+03	1.700E+05	1.732E+05	-1.86	1.738E+05	-2.23	1.679E+05	1.26		
32	4.162E+03	1.700E+05	1.729E+05	-1.68	1.736E+05	-2.10	1.676E+05	1.38		
33	4.165E+03	1.700E+05	1.725E+05	-1.49	1.733E+05	-1.96	1.674E+05	1.51		
34	4.168E+03	1.640E+05	1.722E+05	-5.02	1.731E+05	-5.56	1.672E+05	-1.96		
35	4.171E+03	1.600E+05	1.719E+05	-7.45	1.729E+05	-8.06	1.670E+05	-4.38		
36	4.174E+03	1.660E+05	1.716E+05	-3.37	1.727E+05	-4.02	1.668E+05	-.48		
37	4.177E+03	1.700E+05	1.713E+05	-.76	1.724E+05	-1.44	1.666E+05	2.01		
38	4.180E+03	1.700E+05	1.710E+05	-.57	1.722E+05	-1.31	1.664E+05	2.14		
39	4.183E+03	1.660E+05	1.707E+05	-2.81	1.720E+05	-3.62	1.662E+05	-1.10		
40	4.186E+03	1.660E+05	1.703E+05	-2.62	1.718E+05	-3.48	1.659E+05	.03		
41	4.189E+03	1.660E+05	1.700E+05	-2.43	1.716E+05	-3.35	1.657E+05	.16		
42	4.192E+03	1.700E+05	1.697E+05	.16	1.713E+05	-.79	1.655E+05	2.63		
43	4.195E+03	1.700E+05	1.694E+05	.34	1.711E+05	-.66	1.653E+05	2.76		
44	4.198E+03	1.720E+05	1.691E+05	1.67	1.709E+05	.64	1.651E+05	4.01		
45	4.201E+03	1.720E+05	1.688E+05	1.85	1.707E+05	.77	1.649E+05	4.14		



46	4.204E+03	1.740E+05	1.685E+05	3.15	1.705E+05	2.04	1.647E+05	5.36
47	4.207E+03	1.720E+05	1.682E+05	2.20	1.702E+05	1.03	1.645E+05	4.38
48	4.210E+03	1.700E+05	1.679E+05	1.22	1.700E+05	-.01	1.643E+05	3.38
49	4.213E+03	1.700E+05	1.676E+05	1.40	1.698E+05	.12	1.640E+05	3.50
50	4.216E+03	1.700E+05	1.673E+05	1.58	1.696E+05	.25	1.638E+05	3.63
51	4.219E+03	1.700E+05	1.670E+05	1.75	1.693E+05	.38	1.636E+05	3.75
52	4.361E+03	1.540E+05	1.575E+05	-2.29	1.587E+05	-3.05	1.534E+05	.39
53	4.364E+03	1.520E+05	1.602E+05	-5.39	1.585E+05	-4.25	1.532E+05	-.77
54	4.367E+03	1.520E+05	1.629E+05	-7.15	1.582E+05	-4.09	1.529E+05	-.62
55	4.371E+03	1.520E+05	1.664E+05	-9.49	1.579E+05	-3.89	1.526E+05	-.42
56	4.374E+03	1.520E+05	1.691E+05	-11.24	1.577E+05	-3.73	1.524E+05	-.27
57	4.375E+03	1.520E+05	1.700E+05	-11.83	1.576E+05	-3.68	1.523E+05	-.22
58	4.377E+03	1.500E+05	1.718E+05	-14.51	1.574E+05	-4.96	1.522E+05	-1.46
59	4.379E+03	1.540E+05	1.735E+05	-12.69	1.573E+05	-2.13	1.520E+05	1.27
60	4.380E+03	1.560E+05	1.744E+05	-11.81	1.572E+05	-.77	1.520E+05	2.59
61	4.381E+03	1.580E+05	1.753E+05	-10.96	2.121E+05	-34.26	2.053E+05	-29.92
62	4.382E+03	1.600E+05	1.762E+05	-10.13	2.120E+05	-32.52	2.052E+05	-28.23
63	4.383E+03	1.660E+05	1.771E+05	-6.69	2.119E+05	-27.66	2.051E+05	-23.53
64	4.384E+03	1.680E+05	1.780E+05	-5.95	2.118E+05	-26.08	2.050E+05	-22.00
65	4.385E+03	1.700E+05	1.789E+05	-5.22	2.117E+05	-24.53	2.049E+05	-20.50
66	4.386E+03	1.720E+05	1.798E+05	-4.52	2.116E+05	-23.02	2.047E+05	-19.04
67	4.387E+03	1.780E+05	1.807E+05	-1.49	2.115E+05	-18.81	2.046E+05	-14.97
68	4.388E+03	1.820E+05	1.815E+05	.25	2.114E+05	-16.14	2.045E+05	-12.38
69	4.389E+03	1.840E+05	1.824E+05	.85	2.113E+05	-14.82	2.044E+05	-11.11
70	4.390E+03	1.920E+05	1.833E+05	4.52	2.112E+05	-9.98	2.043E+05	-6.42
71	4.392E+03	1.940E+05	1.851E+05	4.58	2.110E+05	-8.74	2.041E+05	-5.22
72	4.393E+03	1.980E+05	1.860E+05	6.06	2.108E+05	-6.49	2.040E+05	-3.04
73	4.395E+03	2.000E+05	1.878E+05	6.11	2.106E+05	-5.31	2.038E+05	-1.91
74	4.397E+03	2.000E+05	1.896E+05	5.22	2.104E+05	-5.21	2.036E+05	-1.80
75	4.398E+03	1.980E+05	1.904E+05	3.82	2.103E+05	-6.22	2.035E+05	-2.78
76	4.399E+03	2.020E+05	1.913E+05	5.28	2.102E+05	-4.06	2.034E+05	-.69
77	4.400E+03	2.020E+05	1.922E+05	4.84	2.101E+05	-4.01	2.033E+05	-.64
78	4.402E+03	1.980E+05	1.940E+05	2.02	2.099E+05	-6.00	2.031E+05	-2.57
79	4.403E+03	1.980E+05	1.949E+05	1.57	2.098E+05	-5.95	2.030E+05	-2.52
80	4.407E+03	2.020E+05	1.985E+05	1.76	2.094E+05	-3.64	2.026E+05	-.28
81	4.410E+03	2.060E+05	2.011E+05	2.37	2.090E+05	-1.47	2.023E+05	1.81
82	4.413E+03	2.040E+05	2.038E+05	.10	2.087E+05	-2.31	2.020E+05	1.00
83	4.416E+03	2.020E+05	2.044E+05	-1.21	2.084E+05	-3.17	2.017E+05	.17
84	4.420E+03	2.000E+05	2.040E+05	-1.99	2.080E+05	-3.99	2.012E+05	-.62
85	4.423E+03	2.020E+05	2.036E+05	-.80	2.077E+05	-2.80	2.009E+05	.52
86	4.427E+03	2.060E+05	2.031E+05	1.38	2.072E+05	-.60	2.005E+05	2.65
87	4.430E+03	2.020E+05	2.028E+05	-.39	2.069E+05	-2.44	2.002E+05	.87
88	4.433E+03	2.000E+05	2.024E+05	-1.22	2.066E+05	-3.31	1.999E+05	.03
89	4.678E+03	1.800E+05	1.883E+05	-4.60	1.826E+05	-1.45	1.767E+05	1.82
90	4.682E+03	1.780E+05	1.896E+05	-6.51	1.822E+05	-2.38	1.764E+05	.92
91	4.686E+03	1.780E+05	1.909E+05	-7.24	1.819E+05	-2.17	1.760E+05	1.12
92	4.689E+03	1.780E+05	1.919E+05	-7.79	1.816E+05	-2.01	1.757E+05	1.27
93	4.691E+03	1.760E+05	1.925E+05	-9.38	1.814E+05	-3.07	1.756E+05	.25
94	4.693E+03	1.780E+05	1.932E+05	-8.52	1.812E+05	-1.80	1.754E+05	1.48
95	4.695E+03	1.800E+05	1.938E+05	-7.68	1.810E+05	-.57	1.752E+05	2.67
96	4.696E+03	1.820E+05	1.941E+05	-6.67	1.809E+05	.59	1.751E+05	3.79
97	4.697E+03	1.860E+05	1.945E+05	-4.56	1.808E+05	2.77	1.750E+05	5.91
98	4.698E+03	2.000E+05	1.948E+05	2.60	1.807E+05	9.63	1.749E+05	12.54

99	4.699E+03	2.100E+05	1.951E+05	7.08	2.081E+05	.93	2.020E+05	3.79
100	4.700E+03	2.180E+05	1.955E+05	10.34	2.079E+05	4.61	2.019E+05	7.37
101	4.701E+03	2.160E+05	1.958E+05	9.36	2.078E+05	3.78	2.018E+05	6.56
102	4.702E+03	2.160E+05	1.961E+05	9.21	2.077E+05	3.83	2.017E+05	6.61
103	4.703E+03	2.100E+05	1.964E+05	6.46	2.076E+05	1.13	2.016E+05	3.99
104	4.704E+03	2.060E+05	1.968E+05	4.49	2.075E+05	-.74	2.015E+05	2.17
105	4.705E+03	2.040E+05	1.971E+05	3.39	2.074E+05	-1.67	2.014E+05	1.26
106	4.706E+03	2.000E+05	1.974E+05	1.30	2.073E+05	-3.65	2.013E+05	-.66
107	4.708E+03	1.980E+05	1.981E+05	-.03	2.071E+05	-4.59	2.011E+05	-1.57
108	4.710E+03	1.980E+05	1.987E+05	-.36	2.069E+05	-4.48	2.009E+05	-1.47
109	4.712E+03	1.980E+05	1.985E+05	-.26	2.067E+05	-4.38	2.007E+05	-1.36
110	4.713E+03	1.980E+05	1.984E+05	-.21	2.066E+05	-4.32	2.006E+05	-1.31
111	4.715E+03	1.980E+05	1.982E+05	-.10	2.063E+05	-4.22	2.004E+05	-1.21
112	4.717E+03	1.980E+05	1.980E+05	.00	2.061E+05	-4.11	2.002E+05	-1.10
113	4.719E+03	2.000E+05	1.978E+05	1.10	2.059E+05	-2.96	2.000E+05	.01
114	4.721E+03	2.000E+05	1.976E+05	1.20	2.057E+05	-2.86	1.998E+05	.11
115	4.723E+03	1.980E+05	1.974E+05	.31	2.055E+05	-3.79	1.996E+05	-.79
116	4.727E+03	1.980E+05	1.970E+05	.52	2.051E+05	-3.58	1.992E+05	-.59
117	4.731E+03	1.980E+05	1.966E+05	.72	2.047E+05	-3.36	1.988E+05	-.38
118	4.735E+03	1.940E+05	1.962E+05	-1.11	2.042E+05	-5.28	1.983E+05	-2.24
119	4.738E+03	1.980E+05	1.959E+05	1.08	2.039E+05	-2.99	1.980E+05	-.02
120	4.742E+03	1.980E+05	1.954E+05	1.29	2.035E+05	-2.78	1.976E+05	.18
121	4.746E+03	1.980E+05	1.950E+05	1.50	2.031E+05	-2.57	1.972E+05	.38
122	4.750E+03	1.980E+05	1.946E+05	1.70	2.027E+05	-2.36	1.968E+05	.59
123	4.754E+03	1.980E+05	1.942E+05	1.91	2.023E+05	-2.16	1.964E+05	.79
124	4.758E+03	1.960E+05	1.938E+05	1.12	2.019E+05	-2.99	1.960E+05	-.02
125	4.761E+03	1.940E+05	1.935E+05	.25	2.015E+05	-3.89	1.957E+05	-.90

IZ= 52

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
52	1435	16	36BI1	16	2.08E+01	1.79E+01	2.19E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	1.547E+06	1.128E+06	27.07	1.137E+06	26.51	1.055E+06	31.78		
2	1.490E+03	1.052E+06	7.677E+05	27.03	7.763E+05	26.21	7.225E+05	31.32		
3	1.744E+03	7.081E+05	5.312E+05	24.99	5.384E+05	23.97	5.024E+05	29.06		
4	2.019E+03	4.801E+05	3.727E+05	22.36	3.795E+05	20.96	3.550E+05	26.07		
5	2.312E+03	3.350E+05	2.668E+05	20.35	2.733E+05	18.42	2.562E+05	23.52		
6	2.627E+03	2.424E+05	1.939E+05	20.02	1.999E+05	17.54	1.878E+05	22.53		
7	3.320E+03	1.311E+05	1.074E+05	18.08	1.117E+05	14.76	1.054E+05	19.62		
8	3.698E+03	1.006E+05	8.174E+04	18.75	8.521E+04	15.30	8.049E+04	19.99		
9	4.097E+03	7.560E+04	6.305E+04	16.59	6.574E+04	13.04	6.221E+04	17.71		
10	4.517E+03	1.809E+05	1.491E+05	17.59	1.549E+05	14.35	1.497E+05	17.22		
11	4.960E+03	2.263E+05	1.821E+05	19.55	1.948E+05	13.91	1.892E+05	16.37		
12	5.423E+03	1.839E+05	1.468E+05	20.16	1.562E+05	15.06	1.518E+05	17.46		
13	5.907E+03	1.468E+05	1.187E+05	19.16	1.261E+05	14.09	1.226E+05	16.47		
14	6.412E+03	1.189E+05	9.637E+04	18.95	1.023E+05	14.00	9.947E+04	16.34		
15	6.939E+03	9.725E+04	7.863E+04	19.15	8.325E+04	14.39	8.102E+04	16.69		
16	7.487E+03	7.987E+04	6.451E+04	19.23	6.818E+04	14.64	6.638E+04	16.90		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
52	1436	189	61NO2	171	1.38E+02	1.71E+02	1.65E+02



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	4.322E+03	5.700E+04	9.616E+04	-68.70	5.739E+04	-.69	5.436E+04	4.63
2	4.326E+03	5.900E+04	1.039E+05	-76.02	5.726E+04	2.96	5.424E+04	8.07
3	4.329E+03	5.700E+04	1.096E+05	-92.33	5.716E+04	-.27	5.414E+04	5.02
4	4.332E+03	5.900E+04	1.154E+05	-95.59	5.705E+04	3.30	5.405E+04	8.40
5	4.334E+03	5.900E+04	1.192E+05	-102.11	5.699E+04	3.41	5.398E+04	8.50
6	4.335E+03	5.900E+04	1.212E+05	-105.38	5.695E+04	3.47	5.395E+04	8.56
7	4.337E+03	5.900E+04	1.250E+05	-111.90	5.689E+04	3.58	5.389E+04	8.66
8	4.338E+03	5.900E+04	1.269E+05	-115.16	5.685E+04	3.64	5.386E+04	8.71
9	4.339E+03	6.100E+04	1.289E+05	-111.26	5.682E+04	6.85	5.383E+04	11.76
10	4.341E+03	6.400E+04	1.327E+05	-107.37	5.675E+04	11.32	5.376E+04	15.99
11	4.342E+03	7.200E+03	1.346E+05	-1770.01	1.670E+05	-2219.43	1.613E+05	-2140.43
12	4.343E+03	7.400E+04	1.366E+05	-84.55	1.669E+05	-125.58	1.612E+05	-117.90
13	4.344E+03	7.600E+04	1.385E+05	-82.22	1.669E+05	-119.55	1.612E+05	-112.07
14	4.345E+03	8.300E+04	1.404E+05	-69.17	1.668E+05	-100.95	1.611E+05	-94.11
15	4.346E+03	1.000E+05	1.423E+05	-42.34	1.667E+05	-66.72	1.610E+05	-61.04
16	4.347E+03	1.080E+05	1.443E+05	-33.58	1.666E+05	-54.30	1.610E+05	-49.05
17	4.348E+03	1.190E+05	1.462E+05	-22.85	1.666E+05	-39.98	1.609E+05	-35.22
18	4.349E+03	1.270E+05	1.481E+05	-16.62	1.665E+05	-31.11	1.608E+05	-26.64
19	4.350E+03	1.400E+05	1.500E+05	-7.17	1.664E+05	-18.88	1.608E+05	-14.84
20	4.351E+03	1.500E+05	1.520E+05	-1.31	1.664E+05	-10.91	1.607E+05	-7.14
21	4.353E+03	1.590E+05	1.558E+05	2.01	1.662E+05	-4.54	1.606E+05	-.99
22	4.355E+03	1.630E+05	1.597E+05	2.05	1.661E+05	-1.89	1.604E+05	1.57
23	4.356E+03	1.630E+05	1.616E+05	.87	1.660E+05	-1.85	1.604E+05	1.61
24	4.358E+03	1.610E+05	1.634E+05	-1.50	1.659E+05	-3.03	1.602E+05	.48
25	4.359E+03	1.570E+05	1.633E+05	-4.02	1.658E+05	-5.61	1.602E+05	-2.02
26	4.360E+03	1.590E+05	1.632E+05	-2.65	1.657E+05	-4.24	1.601E+05	-.69
27	4.361E+03	1.610E+05	1.631E+05	-1.32	1.657E+05	-2.90	1.600E+05	.60
28	4.362E+03	1.590E+05	1.630E+05	-2.54	1.656E+05	-4.15	1.600E+05	-.61
29	4.363E+03	1.590E+05	1.629E+05	-2.48	1.655E+05	-4.10	1.599E+05	-.57
30	4.364E+03	1.610E+05	1.628E+05	-1.15	1.655E+05	-2.77	1.598E+05	.73
31	4.366E+03	1.610E+05	1.627E+05	-1.03	1.653E+05	-2.68	1.597E+05	.81
32	4.368E+03	1.630E+05	1.625E+05	.33	1.652E+05	-1.34	1.596E+05	2.11
33	4.369E+03	1.630E+05	1.624E+05	.38	1.651E+05	-1.29	1.595E+05	2.15
34	4.371E+03	1.650E+05	1.622E+05	1.71	1.650E+05	.02	1.594E+05	3.42
35	4.372E+03	1.610E+05	1.621E+05	-.68	1.649E+05	-2.42	1.593E+05	1.06
36	4.374E+03	1.610E+05	1.619E+05	-.56	1.648E+05	-2.34	1.592E+05	1.14
37	4.378E+03	1.570E+05	1.615E+05	-2.88	1.645E+05	-4.77	1.589E+05	-1.21
38	4.381E+03	1.590E+05	1.612E+05	-1.41	1.643E+05	-3.32	1.587E+05	.19
39	4.384E+03	1.630E+05	1.610E+05	1.25	1.641E+05	-.66	1.585E+05	2.76
40	4.387E+03	1.610E+05	1.607E+05	.20	1.639E+05	-1.78	1.583E+05	1.68
41	4.390E+03	1.590E+05	1.604E+05	-.88	1.637E+05	-2.93	1.581E+05	.56
42	4.394E+03	1.570E+05	1.600E+05	-1.92	1.634E+05	-4.06	1.578E+05	-.54
43	4.397E+03	1.590E+05	1.597E+05	-.47	1.632E+05	-2.62	1.576E+05	.85
44	4.400E+03	1.590E+05	1.595E+05	-.29	1.630E+05	-2.49	1.574E+05	.98
45	4.403E+03	1.610E+05	1.592E+05	1.13	1.628E+05	-1.09	1.572E+05	2.33
46	4.407E+03	1.650E+05	1.588E+05	3.76	1.625E+05	1.52	1.570E+05	4.86
47	4.410E+03	1.650E+05	1.585E+05	3.93	1.623E+05	1.65	1.568E+05	4.98
48	4.413E+03	1.630E+05	1.582E+05	2.92	1.621E+05	.57	1.566E+05	3.93
49	4.417E+03	1.590E+05	1.579E+05	.71	1.618E+05	-1.76	1.563E+05	1.68
50	4.420E+03	1.590E+05	1.576E+05	.88	1.616E+05	-1.63	1.561E+05	1.81
51	4.423E+03	1.570E+05	1.573E+05	-.21	1.614E+05	-2.80	1.559E+05	.68
52	4.427E+03	1.570E+05	1.570E+05	.02	1.611E+05	-2.62	1.557E+05	.85

53	4.430E+03	1.590E+05	1.567E+05	1.44	1.609E+05	-1.20	1.555E+05	2.22
54	4.433E+03	1.570E+05	1.564E+05	.36	1.607E+05	-2.36	1.553E+05	1.10
55	4.437E+03	1.590E+05	1.561E+05	1.84	1.604E+05	-.90	1.550E+05	2.51
56	4.450E+03	1.590E+05	1.549E+05	2.57	1.595E+05	-.34	1.542E+05	3.04
57	4.460E+03	1.590E+05	1.540E+05	3.14	1.589E+05	.09	1.535E+05	3.46
58	4.470E+03	1.570E+05	1.531E+05	2.48	1.582E+05	-.75	1.528E+05	2.64
59	4.480E+03	1.550E+05	1.522E+05	1.78	1.575E+05	-1.61	1.522E+05	1.81
60	4.490E+03	1.550E+05	1.514E+05	2.33	1.568E+05	-1.16	1.515E+05	2.24
61	4.500E+03	1.550E+05	1.505E+05	2.88	1.561E+05	-.72	1.509E+05	2.66
62	4.510E+03	1.550E+05	1.497E+05	3.44	1.554E+05	-.28	1.502E+05	3.09
63	4.520E+03	1.550E+05	1.488E+05	3.99	1.547E+05	.17	1.495E+05	3.52
64	4.530E+03	1.550E+05	1.480E+05	4.54	1.540E+05	.62	1.489E+05	3.95
65	4.540E+03	1.540E+05	1.471E+05	4.45	1.533E+05	.43	1.482E+05	3.76
66	4.550E+03	1.530E+05	1.463E+05	4.37	1.526E+05	.23	1.475E+05	3.57
67	4.560E+03	1.500E+05	1.455E+05	3.00	1.519E+05	-1.29	1.469E+05	2.10
68	4.570E+03	1.480E+05	1.447E+05	2.24	1.512E+05	-2.18	1.462E+05	1.23
69	4.580E+03	1.480E+05	1.439E+05	2.79	1.505E+05	-1.70	1.455E+05	1.69
70	4.593E+03	1.460E+05	1.462E+05	-.15	1.496E+05	-2.46	1.446E+05	.96
71	4.597E+03	1.460E+05	1.493E+05	-2.27	1.493E+05	-2.26	1.443E+05	1.15
72	4.600E+03	1.460E+05	1.516E+05	-3.85	1.491E+05	-2.12	1.441E+05	1.29
73	4.604E+03	1.460E+05	1.547E+05	-5.97	1.488E+05	-1.92	1.438E+05	1.48
74	4.608E+03	1.460E+05	1.578E+05	-8.09	1.485E+05	-1.72	1.436E+05	1.67
75	4.609E+03	1.470E+05	1.586E+05	-7.88	1.484E+05	-.98	1.435E+05	2.39
76	4.610E+03	1.480E+05	1.594E+05	-7.67	1.484E+05	-.25	1.434E+05	3.10
77	4.611E+03	1.490E+05	1.601E+05	-7.47	1.483E+05	.48	1.433E+05	3.79
78	4.612E+03	1.500E+05	1.609E+05	-7.27	2.002E+05	-33.44	1.937E+05	-29.12
79	4.613E+03	1.530E+05	1.617E+05	-5.67	2.001E+05	-30.76	1.936E+05	-26.53
80	4.614E+03	1.540E+05	1.624E+05	-5.48	2.000E+05	-29.85	1.935E+05	-25.65
81	4.615E+03	1.550E+05	1.632E+05	-5.30	1.999E+05	-28.95	1.934E+05	-24.78
82	4.616E+03	1.590E+05	1.640E+05	-3.14	1.998E+05	-25.64	1.933E+05	-21.58
83	4.617E+03	1.650E+05	1.648E+05	.14	1.997E+05	-21.02	1.932E+05	-17.10
84	4.618E+03	1.690E+05	1.655E+05	2.05	1.996E+05	-18.09	1.931E+05	-14.28
85	4.619E+03	1.780E+05	1.663E+05	6.57	1.995E+05	-12.07	1.930E+05	-8.45
86	4.620E+03	1.820E+05	1.671E+05	8.20	1.994E+05	-9.55	1.929E+05	-6.01
87	4.621E+03	1.860E+05	1.679E+05	9.76	1.993E+05	-7.15	1.928E+05	-3.68
88	4.622E+03	1.910E+05	1.686E+05	11.71	1.992E+05	-4.29	1.928E+05	-.92
89	4.623E+03	1.950E+05	1.694E+05	13.13	1.991E+05	-2.10	1.927E+05	1.20
90	4.624E+03	1.950E+05	1.702E+05	12.73	1.990E+05	-2.05	1.926E+05	1.25
91	4.625E+03	1.970E+05	1.709E+05	13.23	1.989E+05	-.97	1.925E+05	2.30
92	4.626E+03	1.970E+05	1.717E+05	12.83	1.988E+05	-.92	1.924E+05	2.34
93	4.627E+03	1.950E+05	1.725E+05	11.54	1.987E+05	-1.90	1.923E+05	1.39
94	4.628E+03	1.950E+05	1.733E+05	11.15	1.986E+05	-1.86	1.922E+05	1.44
95	4.630E+03	1.950E+05	1.748E+05	10.36	1.984E+05	-1.76	1.920E+05	1.53
96	4.631E+03	1.950E+05	1.756E+05	9.96	1.983E+05	-1.71	1.919E+05	1.58
97	4.633E+03	1.950E+05	1.771E+05	9.17	1.981E+05	-1.61	1.917E+05	1.67
98	4.637E+03	1.970E+05	1.802E+05	8.52	1.978E+05	-.38	1.914E+05	2.86
99	4.640E+03	1.970E+05	1.825E+05	7.34	1.975E+05	-.24	1.911E+05	3.00
100	4.644E+03	1.950E+05	1.856E+05	4.81	1.971E+05	-1.07	1.907E+05	2.19
101	4.648E+03	1.930E+05	1.887E+05	2.22	1.967E+05	-1.92	1.904E+05	1.37
102	4.650E+03	1.910E+05	1.894E+05	.85	1.965E+05	-2.89	1.902E+05	.43
103	4.652E+03	1.950E+05	1.892E+05	2.99	1.963E+05	-.68	1.900E+05	2.57
104	4.653E+03	1.950E+05	1.891E+05	3.04	1.962E+05	-.64	1.899E+05	2.61
105	4.655E+03	1.950E+05	1.889E+05	3.14	1.961E+05	-.54	1.897E+05	2.71



106	4.659E+03	1.950E+05	1.885E+05	3.35	1.957E+05	-.35	1.894E+05	2.89
107	4.663E+03	1.930E+05	1.880E+05	2.57	1.953E+05	-1.19	1.890E+05	2.07
108	4.666E+03	1.920E+05	1.877E+05	2.22	1.950E+05	-1.57	1.887E+05	1.71
109	4.670E+03	1.950E+05	1.873E+05	3.93	1.946E+05	.18	1.884E+05	3.40
110	4.674E+03	1.930E+05	1.869E+05	3.15	1.943E+05	-.66	1.880E+05	2.59
111	4.678E+03	1.950E+05	1.865E+05	4.35	1.939E+05	.56	1.876E+05	3.77
112	4.681E+03	1.950E+05	1.862E+05	4.51	1.936E+05	.71	1.874E+05	3.91
113	4.685E+03	1.920E+05	1.858E+05	3.23	1.932E+05	-.65	1.870E+05	2.60
114	4.690E+03	1.900E+05	1.853E+05	2.49	1.928E+05	-1.47	1.866E+05	1.80
115	4.700E+03	1.850E+05	1.842E+05	.41	1.919E+05	-3.71	1.857E+05	-.37
116	4.710E+03	1.860E+05	1.832E+05	1.49	1.909E+05	-2.66	1.848E+05	.65
117	4.720E+03	1.890E+05	1.822E+05	3.58	1.900E+05	-.55	1.839E+05	2.69
118	4.730E+03	1.890E+05	1.813E+05	4.09	1.891E+05	-.07	1.830E+05	3.15
119	4.740E+03	1.840E+05	1.803E+05	2.02	1.882E+05	-2.30	1.822E+05	1.00
120	4.750E+03	1.820E+05	1.793E+05	1.48	1.873E+05	-2.93	1.813E+05	.39
121	4.760E+03	1.820E+05	1.783E+05	2.02	1.864E+05	-2.43	1.804E+05	.86
122	4.770E+03	1.810E+05	1.773E+05	2.02	1.855E+05	-2.51	1.796E+05	.79
123	4.780E+03	1.800E+05	1.764E+05	2.00	1.846E+05	-2.58	1.787E+05	.72
124	4.790E+03	1.800E+05	1.755E+05	2.52	1.838E+05	-2.09	1.779E+05	1.19
125	4.800E+03	1.820E+05	1.745E+05	4.11	1.829E+05	-.48	1.770E+05	2.75
126	4.810E+03	1.850E+05	1.736E+05	6.17	1.820E+05	1.62	1.762E+05	4.78
127	4.820E+03	1.860E+05	1.727E+05	7.17	1.811E+05	2.62	1.753E+05	5.75
128	4.830E+03	1.860E+05	1.717E+05	7.68	1.802E+05	3.10	1.745E+05	6.20
129	4.840E+03	1.850E+05	1.708E+05	7.67	1.794E+05	3.04	1.736E+05	6.15
130	4.850E+03	1.840E+05	1.699E+05	7.65	1.785E+05	2.99	1.728E+05	6.10
131	4.860E+03	1.810E+05	1.690E+05	6.62	1.776E+05	1.86	1.719E+05	5.01
132	4.870E+03	1.800E+05	1.681E+05	6.59	1.768E+05	1.80	1.711E+05	4.94
133	4.880E+03	1.800E+05	1.672E+05	7.09	1.759E+05	2.28	1.703E+05	5.41
134	4.890E+03	1.780E+05	1.663E+05	6.55	1.750E+05	1.66	1.694E+05	4.81
135	4.900E+03	1.780E+05	1.665E+05	6.46	1.742E+05	2.15	1.686E+05	5.28
136	4.917E+03	1.740E+05	1.709E+05	1.78	1.727E+05	.74	1.672E+05	3.91
137	4.921E+03	1.760E+05	1.719E+05	2.30	1.724E+05	2.06	1.669E+05	5.20
138	4.925E+03	1.760E+05	1.730E+05	1.71	1.720E+05	2.26	1.665E+05	5.38
139	4.927E+03	1.760E+05	1.735E+05	1.42	1.719E+05	2.35	1.664E+05	5.48
140	4.930E+03	1.760E+05	1.743E+05	.98	1.716E+05	2.50	1.661E+05	5.62
141	4.932E+03	1.760E+05	1.748E+05	.68	1.714E+05	2.60	1.659E+05	5.71
142	4.933E+03	1.760E+05	1.751E+05	.53	1.713E+05	2.65	1.659E+05	5.76
143	4.934E+03	1.780E+05	1.753E+05	1.51	1.713E+05	3.79	1.658E+05	6.86
144	4.935E+03	1.780E+05	1.756E+05	1.36	1.712E+05	3.84	1.657E+05	6.91
145	4.936E+03	1.780E+05	1.758E+05	1.22	1.711E+05	3.88	1.656E+05	6.96
146	4.937E+03	1.800E+05	1.761E+05	2.17	1.710E+05	5.00	1.655E+05	8.04
147	4.938E+03	1.840E+05	1.764E+05	4.15	1.709E+05	7.11	1.654E+05	10.08
148	4.939E+03	1.930E+05	1.766E+05	8.49	1.708E+05	11.49	1.654E+05	14.32
149	4.940E+03	2.080E+05	1.769E+05	14.96	1.968E+05	5.39	1.911E+05	8.10
150	4.941E+03	2.140E+05	1.771E+05	17.23	1.967E+05	8.09	1.910E+05	10.73
151	4.942E+03	2.080E+05	1.774E+05	14.71	1.966E+05	5.49	1.910E+05	8.20
152	4.943E+03	1.990E+05	1.777E+05	10.73	1.965E+05	1.26	1.909E+05	4.09
153	4.944E+03	1.950E+05	1.779E+05	8.76	1.964E+05	-.71	1.908E+05	2.17
154	4.945E+03	1.920E+05	1.782E+05	7.20	1.963E+05	-2.23	1.907E+05	.69
155	4.946E+03	1.910E+05	1.784E+05	6.58	1.962E+05	-2.72	1.906E+05	.22
156	4.948E+03	1.930E+05	1.790E+05	7.28	1.960E+05	-1.55	1.904E+05	1.36
157	4.951E+03	1.930E+05	1.797E+05	6.88	1.957E+05	-1.40	1.901E+05	1.50
158	4.955E+03	1.920E+05	1.808E+05	5.85	1.953E+05	-1.73	1.897E+05	1.19

159	4.959E+03	1.920E+05	1.818E+05	5.31	1.949E+05	-1.52	1.893E+05	1.39
160	4.963E+03	1.910E+05	1.822E+05	4.63	1.945E+05	-1.85	1.890E+05	1.07
161	4.967E+03	1.910E+05	1.818E+05	4.81	1.941E+05	-1.65	1.886E+05	1.26
162	4.971E+03	1.910E+05	1.815E+05	5.00	1.938E+05	-1.45	1.882E+05	1.46
163	4.976E+03	1.900E+05	1.810E+05	4.72	1.933E+05	-1.73	1.877E+05	1.19
164	4.980E+03	1.900E+05	1.807E+05	4.90	1.929E+05	-1.52	1.874E+05	1.38
165	4.984E+03	1.890E+05	1.803E+05	4.58	1.925E+05	-1.86	1.870E+05	1.06
166	4.988E+03	1.910E+05	1.800E+05	5.76	1.921E+05	-.59	1.866E+05	2.29
167	4.992E+03	1.910E+05	1.796E+05	5.95	1.918E+05	-.39	1.863E+05	2.48
168	4.997E+03	1.890E+05	1.792E+05	5.18	1.913E+05	-1.21	1.858E+05	1.69
169	5.001E+03	1.910E+05	1.789E+05	6.35	1.909E+05	.05	1.854E+05	2.91
170	5.006E+03	1.860E+05	1.784E+05	4.07	1.904E+05	-2.38	1.850E+05	.55
171	5.010E+03	1.840E+05	1.781E+05	3.21	1.901E+05	-3.29	1.846E+05	-.33

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
52	1437	21	36SC1	2	1.87E+01	1.40E+01	1.62E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.479E+03	1.189E+05	9.384E+04	21.08	9.954E+04	16.28	9.683E+04	18.56		
2	8.650E+03	5.250E+04	4.407E+04	16.06	4.661E+04	11.21	4.542E+04	13.49		

IZ= 53

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
53	1442	34	39HA2	5	5.73E+00	5.19E+00	2.57E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.403E+03	1.026E+05	1.108E+05	-8.01	1.103E+05	-7.47	1.072E+05	-4.52		
2	6.930E+03	8.597E+04	9.026E+04	-4.99	8.980E+04	-4.46	8.738E+04	-1.64		
3	7.477E+03	6.975E+04	7.399E+04	-6.08	7.355E+04	-5.45	7.160E+04	-2.66		
4	8.047E+03	5.812E+04	6.097E+04	-4.90	6.061E+04	-4.29	5.903E+04	-1.57		
5	8.638E+03	4.872E+04	5.054E+04	-3.73	5.032E+04	-3.28	4.903E+04	-.63		

IZ= 54

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1460	11	67HE1	2	4.56E+00	5.45E+00	1.22E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	1.352E+06	1.346E+06	.42	1.324E+06	2.08	1.221E+06	9.67		
2	1.487E+03	9.810E+05	9.179E+05	6.44	9.082E+05	7.42	8.404E+05	14.33		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1462	15	66LU1	3	1.01E+01	8.70E+00	4.46E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.256E+03	1.170E+06	1.342E+06	-14.70	1.319E+06	-12.75	1.217E+06	-4.03		
2	1.490E+03	8.370E+05	9.136E+05	-9.15	9.041E+05	-8.02	8.367E+05	.04		
3	1.776E+03	5.995E+05	6.143E+05	-2.47	6.031E+05	-.61	5.600E+05	6.59		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1464	216	69WU1	182	9.70E+00	6.34E+00	3.53E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.006E+03	1.680E+06	2.028E+06	-20.73	2.027E+06	-20.66	1.858E+06	-10.62		
2	1.014E+03	1.670E+06	2.017E+06	-20.80	1.994E+06	-19.41	1.828E+06	-9.49		



3	1.022E+03	1.650E+06	1.991E+06	-20.65	1.962E+06	-18.91	1.799E+06	-9.04
4	1.031E+03	1.640E+06	1.955E+06	-19.20	1.927E+06	-17.48	1.767E+06	-7.74
5	1.040E+03	1.620E+06	1.919E+06	-18.46	1.892E+06	-16.81	1.736E+06	-7.14
6	1.048E+03	1.600E+06	1.892E+06	-18.22	1.863E+06	-16.41	1.708E+06	-6.78
7	1.057E+03	1.590E+06	1.861E+06	-17.07	1.830E+06	-15.08	1.679E+06	-5.57
8	1.066E+03	1.570E+06	1.831E+06	-16.65	1.798E+06	-14.51	1.649E+06	-5.06
9	1.076E+03	1.560E+06	1.800E+06	-15.38	1.763E+06	-13.02	1.618E+06	-3.70
10	1.085E+03	1.540E+06	1.772E+06	-15.06	1.733E+06	-12.51	1.590E+06	-3.25
11	1.095E+03	1.520E+06	1.741E+06	-14.55	1.700E+06	-11.83	1.560E+06	-2.63
12	1.104E+03	1.500E+06	1.715E+06	-14.33	1.671E+06	-11.39	1.533E+06	-2.23
13	1.114E+03	1.480E+06	1.686E+06	-13.90	1.639E+06	-10.77	1.505E+06	-1.67
14	1.125E+03	1.460E+06	1.655E+06	-13.35	1.606E+06	-9.97	1.474E+06	-.96
15	1.135E+03	1.440E+06	1.628E+06	-13.04	1.576E+06	-9.43	1.447E+06	-.47
16	1.145E+03	1.420E+06	1.601E+06	-12.72	1.547E+06	-8.91	1.420E+06	.00
17	1.156E+03	1.400E+06	1.572E+06	-12.31	1.580E+06	-12.87	1.456E+06	-3.98
18	1.167E+03	1.380E+06	1.545E+06	-11.93	1.548E+06	-12.17	1.426E+06	-3.36
19	1.178E+03	1.360E+06	1.517E+06	-11.56	1.517E+06	-11.52	1.398E+06	-2.78
20	1.190E+03	1.330E+06	1.489E+06	-11.95	1.484E+06	-11.56	1.368E+06	-2.83
21	1.201E+03	1.310E+06	1.463E+06	-11.68	1.454E+06	-11.02	1.341E+06	-2.35
22	1.213E+03	1.290E+06	1.436E+06	-11.32	1.423E+06	-10.33	1.312E+06	-1.73
23	1.225E+03	1.270E+06	1.410E+06	-11.00	1.393E+06	-9.69	1.285E+06	-1.16
24	1.237E+03	1.250E+06	1.383E+06	-10.67	1.364E+06	-9.10	1.258E+06	-.63
25	1.250E+03	1.220E+06	1.355E+06	-11.07	1.333E+06	-9.27	1.230E+06	-.80
26	1.262E+03	1.200E+06	1.329E+06	-10.75	1.306E+06	-8.80	1.205E+06	-.39
27	1.275E+03	1.180E+06	1.299E+06	-10.12	1.277E+06	-8.19	1.178E+06	.15
28	1.289E+03	1.160E+06	1.267E+06	-9.27	1.247E+06	-7.46	1.151E+06	.81
29	1.302E+03	1.130E+06	1.239E+06	-9.66	1.219E+06	-7.92	1.126E+06	.37
30	1.316E+03	1.110E+06	1.210E+06	-8.98	1.191E+06	-7.32	1.100E+06	.91
31	1.330E+03	1.090E+06	1.181E+06	-8.33	1.164E+06	-6.78	1.075E+06	1.39
32	1.345E+03	1.070E+06	1.152E+06	-7.62	1.136E+06	-6.12	1.049E+06	1.97
33	1.359E+03	1.050E+06	1.124E+06	-7.09	1.110E+06	-5.70	1.025E+06	2.34
34	1.374E+03	1.030E+06	1.097E+06	-6.55	1.083E+06	-5.18	1.001E+06	2.81
35	1.390E+03	1.040E+06	1.069E+06	-2.75	1.056E+06	-1.53	9.759E+05	6.16
36	1.406E+03	9.830E+05	1.042E+06	-5.98	1.029E+06	-4.72	9.516E+05	3.19
37	1.422E+03	9.620E+05	1.015E+06	-5.53	1.004E+06	-4.35	9.282E+05	3.52
38	1.438E+03	9.380E+05	9.901E+05	-5.55	9.791E+05	-4.38	9.055E+05	3.47
39	1.455E+03	9.170E+05	9.639E+05	-5.12	9.537E+05	-4.00	8.822E+05	3.80
40	1.473E+03	8.970E+05	9.378E+05	-4.54	9.278E+05	-3.43	8.584E+05	4.31
41	1.490E+03	8.730E+05	9.136E+05	-4.65	9.041E+05	-3.56	8.367E+05	4.16
42	1.509E+03	8.530E+05	8.880E+05	-4.11	8.786E+05	-3.00	8.132E+05	4.66
43	1.527E+03	8.300E+05	8.644E+05	-4.15	8.553E+05	-3.05	7.918E+05	4.60
44	1.546E+03	8.090E+05	8.408E+05	-3.93	8.316E+05	-2.79	7.701E+05	4.81
45	1.556E+03	7.980E+05	8.287E+05	-3.85	8.194E+05	-2.69	7.589E+05	4.90
46	1.566E+03	7.860E+05	8.166E+05	-3.89	8.075E+05	-2.74	7.480E+05	4.84
47	1.576E+03	7.750E+05	8.050E+05	-3.87	7.959E+05	-2.69	7.373E+05	4.87
48	1.586E+03	7.640E+05	7.938E+05	-3.90	7.844E+05	-2.67	7.267E+05	4.88
49	1.596E+03	7.540E+05	7.826E+05	-3.80	7.732E+05	-2.54	7.164E+05	4.98
50	1.607E+03	7.420E+05	7.703E+05	-3.81	7.611E+05	-2.57	7.053E+05	4.95
51	1.617E+03	7.320E+05	7.598E+05	-3.80	7.503E+05	-2.50	6.954E+05	5.00
52	1.628E+03	7.200E+05	7.484E+05	-3.94	7.386E+05	-2.59	6.847E+05	4.91
53	1.638E+03	7.100E+05	7.381E+05	-3.95	7.283E+05	-2.57	6.751E+05	4.91
54	1.649E+03	6.980E+05	7.268E+05	-4.12	7.171E+05	-2.73	6.648E+05	4.75
55	1.660E+03	6.910E+05	7.162E+05	-3.65	7.061E+05	-2.19	6.548E+05	5.24

56	1.672E+03	6.800E+05	7.047E+05	-3.64	6.944E+05	-2.12	6.440E+05	5.29
57	1.683E+03	6.700E+05	6.942E+05	-3.61	6.839E+05	-2.08	6.344E+05	5.32
58	1.695E+03	6.580E+05	6.832E+05	-3.84	6.727E+05	-2.24	6.240E+05	5.16
59	1.706E+03	6.460E+05	6.735E+05	-4.26	6.627E+05	-2.58	6.148E+05	4.83
60	1.718E+03	6.370E+05	6.629E+05	-4.07	6.519E+05	-2.34	6.049E+05	5.04
61	1.730E+03	6.280E+05	6.523E+05	-3.87	6.414E+05	-2.13	5.952E+05	5.22
62	1.742E+03	6.180E+05	6.423E+05	-3.93	6.311E+05	-2.12	5.857E+05	5.22
63	1.755E+03	6.070E+05	6.315E+05	-4.04	6.202E+05	-2.18	5.757E+05	5.15
64	1.767E+03	5.960E+05	6.215E+05	-4.28	6.104E+05	-2.41	5.667E+05	4.92
65	1.780E+03	5.880E+05	6.112E+05	-3.95	6.000E+05	-2.03	5.571E+05	5.26
66	1.793E+03	5.770E+05	6.012E+05	-4.19	5.898E+05	-2.21	5.477E+05	5.08
67	1.806E+03	5.630E+05	5.911E+05	-5.00	5.798E+05	-2.99	5.385E+05	4.35
68	1.819E+03	5.540E+05	5.813E+05	-4.93	5.701E+05	-2.91	5.296E+05	4.41
69	1.833E+03	5.460E+05	5.714E+05	-4.64	5.599E+05	-2.54	5.202E+05	4.73
70	1.846E+03	5.350E+05	5.621E+05	-5.06	5.506E+05	-2.92	5.116E+05	4.37
71	1.860E+03	5.230E+05	5.521E+05	-5.57	5.409E+05	-3.41	5.026E+05	3.90
72	1.874E+03	5.150E+05	5.429E+05	-5.42	5.313E+05	-3.17	4.938E+05	4.11
73	1.889E+03	5.060E+05	5.330E+05	-5.35	5.214E+05	-3.04	4.847E+05	4.21
74	1.903E+03	4.970E+05	5.238E+05	-5.40	5.123E+05	-3.08	4.763E+05	4.16
75	1.918E+03	4.880E+05	5.146E+05	-5.46	5.029E+05	-3.05	4.676E+05	4.18
76	1.933E+03	4.760E+05	5.055E+05	-6.20	4.936E+05	-3.70	4.591E+05	3.55
77	1.948E+03	4.680E+05	4.964E+05	-6.07	4.846E+05	-3.55	4.508E+05	3.68
78	1.964E+03	4.570E+05	4.873E+05	-6.62	4.753E+05	-4.00	4.422E+05	3.25
79	1.979E+03	4.480E+05	4.789E+05	-6.89	4.667E+05	-4.18	4.343E+05	3.07
80	1.995E+03	4.380E+05	4.699E+05	-7.28	4.579E+05	-4.53	4.261E+05	2.72
81	2.012E+03	4.290E+05	4.609E+05	-7.43	4.487E+05	-4.58	4.176E+05	2.66
82	2.028E+03	4.200E+05	4.526E+05	-7.76	4.403E+05	-4.82	4.098E+05	2.42
83	2.045E+03	4.110E+05	4.439E+05	-8.01	4.315E+05	-5.00	4.018E+05	2.24
84	2.062E+03	4.040E+05	4.354E+05	-7.78	4.231E+05	-4.72	3.940E+05	2.49
85	2.079E+03	3.940E+05	4.271E+05	-8.41	4.148E+05	-5.29	3.863E+05	1.94
86	2.097E+03	3.860E+05	4.187E+05	-8.46	4.063E+05	-5.27	3.785E+05	1.94
87	2.115E+03	3.790E+05	4.104E+05	-8.28	3.981E+05	-5.04	3.709E+05	2.14
88	2.133E+03	3.720E+05	4.023E+05	-8.14	3.901E+05	-4.86	3.635E+05	2.30
89	2.151E+03	3.650E+05	3.945E+05	-8.08	3.823E+05	-4.73	3.562E+05	2.40
90	2.170E+03	3.560E+05	3.864E+05	-8.55	3.743E+05	-5.13	3.488E+05	2.01
91	2.190E+03	3.490E+05	3.781E+05	-8.35	3.661E+05	-4.89	3.413E+05	2.21
92	2.209E+03	3.400E+05	3.706E+05	-9.00	3.585E+05	-5.45	3.343E+05	1.68
93	2.229E+03	3.330E+05	3.628E+05	-8.96	3.508E+05	-5.35	3.272E+05	1.75
94	2.249E+03	3.280E+05	3.552E+05	-8.30	3.433E+05	-4.68	3.202E+05	2.37
95	2.270E+03	3.210E+05	3.476E+05	-8.27	3.357E+05	-4.58	3.132E+05	2.44
96	2.291E+03	3.130E+05	3.401E+05	-8.65	3.283E+05	-4.89	3.063E+05	2.13
97	2.312E+03	3.060E+05	3.328E+05	-8.76	3.211E+05	-4.95	2.997E+05	2.06
98	2.334E+03	3.000E+05	3.254E+05	-8.47	3.139E+05	-4.62	2.929E+05	2.35
99	2.356E+03	2.930E+05	3.183E+05	-8.63	3.068E+05	-4.71	2.864E+05	2.25
100	2.379E+03	2.860E+05	3.110E+05	-8.76	2.996E+05	-4.77	2.798E+05	2.17
101	2.402E+03	2.790E+05	3.040E+05	-8.96	2.927E+05	-4.92	2.734E+05	2.02
102	2.426E+03	2.740E+05	2.969E+05	-8.35	2.857E+05	-4.28	2.669E+05	2.59
103	2.450E+03	2.670E+05	2.900E+05	-8.63	2.790E+05	-4.48	2.606E+05	2.39
104	2.474E+03	2.580E+05	2.834E+05	-9.83	2.724E+05	-5.59	2.546E+05	1.34
105	2.499E+03	2.550E+05	2.766E+05	-8.48	2.658E+05	-4.24	2.484E+05	2.58
106	2.525E+03	2.490E+05	2.698E+05	-8.37	2.592E+05	-4.09	2.423E+05	2.70
107	2.551E+03	2.440E+05	2.633E+05	-7.92	2.528E+05	-3.60	2.363E+05	3.14
108	2.577E+03	2.390E+05	2.570E+05	-7.54	2.466E+05	-3.17	2.306E+05	3.52



109	2.604E+03	2.300E+05	2.507E+05	-8.98	2.404E+05	-4.51	2.248E+05	2.25
110	2.632E+03	2.260E+05	2.443E+05	-8.09	2.342E+05	-3.61	2.191E+05	3.07
111	2.660E+03	2.200E+05	2.381E+05	-8.23	2.282E+05	-3.71	2.135E+05	2.96
112	2.689E+03	2.160E+05	2.320E+05	-7.40	2.222E+05	-2.86	2.079E+05	3.74
113	2.719E+03	2.090E+05	2.259E+05	-8.07	2.162E+05	-3.44	2.024E+05	3.17
114	2.749E+03	2.030E+05	2.200E+05	-8.35	2.104E+05	-3.67	1.970E+05	2.94
115	2.780E+03	1.990E+05	2.141E+05	-7.56	2.047E+05	-2.87	1.917E+05	3.66
116	2.812E+03	1.930E+05	2.082E+05	-7.87	1.990E+05	-3.12	1.864E+05	3.41
117	2.844E+03	1.880E+05	2.025E+05	-7.72	1.935E+05	-2.95	1.813E+05	3.55
118	2.877E+03	1.840E+05	1.969E+05	-7.01	1.881E+05	-2.23	1.763E+05	4.20
119	2.911E+03	1.770E+05	1.913E+05	-8.10	1.827E+05	-3.24	1.713E+05	3.24
120	2.945E+03	1.720E+05	1.860E+05	-8.14	1.776E+05	-3.23	1.665E+05	3.22
121	2.981E+03	1.670E+05	1.805E+05	-8.11	1.723E+05	-3.17	1.616E+05	3.25
122	3.017E+03	1.630E+05	1.753E+05	-7.55	1.672E+05	-2.61	1.569E+05	3.76
123	3.054E+03	1.570E+05	1.701E+05	-8.37	1.623E+05	-3.36	1.522E+05	3.04
124	3.093E+03	1.510E+05	1.649E+05	-9.20	1.572E+05	-4.13	1.475E+05	2.29
125	3.132E+03	1.470E+05	1.599E+05	-8.76	1.524E+05	-3.69	1.431E+05	2.68
126	3.172E+03	1.420E+05	1.549E+05	-9.11	1.477E+05	-4.00	1.386E+05	2.37
127	3.213E+03	1.380E+05	1.501E+05	-8.75	1.430E+05	-3.65	1.343E+05	2.67
128	3.255E+03	1.330E+05	1.453E+05	-9.26	1.385E+05	-4.12	1.301E+05	2.21
129	3.299E+03	1.280E+05	1.405E+05	-9.79	1.339E+05	-4.62	1.258E+05	1.71
130	3.343E+03	1.240E+05	1.360E+05	-9.64	1.296E+05	-4.49	1.217E+05	1.81
131	3.389E+03	1.190E+05	1.314E+05	-10.40	1.252E+05	-5.22	1.177E+05	1.10
132	3.436E+03	1.150E+05	1.269E+05	-10.36	1.210E+05	-5.19	1.137E+05	1.10
133	3.485E+03	1.110E+05	1.225E+05	-10.33	1.168E+05	-5.19	1.098E+05	1.08
134	3.534E+03	1.070E+05	1.182E+05	-10.48	1.127E+05	-5.37	1.061E+05	.88
135	3.586E+03	1.030E+05	1.139E+05	-10.60	1.087E+05	-5.52	1.023E+05	.71
136	3.638E+03	9.900E+04	1.098E+05	-10.94	1.048E+05	-5.89	9.867E+04	.33
137	3.693E+03	9.550E+04	1.057E+05	-10.70	1.010E+05	-5.71	9.505E+04	.47
138	3.749E+03	9.180E+04	1.017E+05	-10.82	9.720E+04	-5.89	9.154E+04	.28
139	3.806E+03	8.830E+04	9.787E+04	-10.84	9.358E+04	-5.98	8.816E+04	.16
140	3.866E+03	8.460E+04	9.401E+04	-11.12	8.997E+04	-6.34	8.478E+04	-.21
141	3.927E+03	8.130E+04	9.027E+04	-11.03	8.648E+04	-6.38	8.152E+04	-.28
142	3.990E+03	7.780E+04	8.663E+04	-11.35	8.308E+04	-6.79	7.834E+04	-.70
143	4.056E+03	7.460E+04	8.301E+04	-11.27	7.971E+04	-6.85	7.519E+04	-.79
144	4.124E+03	7.150E+04	7.948E+04	-11.15	7.643E+04	-6.89	7.212E+04	-.87
145	4.193E+03	6.850E+04	7.608E+04	-11.06	7.329E+04	-6.99	6.918E+04	-.99
146	4.266E+03	6.610E+04	7.270E+04	-9.98	7.015E+04	-6.13	6.625E+04	-.22
147	4.340E+03	6.370E+04	6.946E+04	-9.04	6.716E+04	-5.43	6.344E+04	.40
148	4.418E+03	6.000E+04	6.623E+04	-10.38	6.420E+04	-6.99	6.066E+04	-1.11
149	4.498E+03	5.820E+04	6.313E+04	-8.46	6.134E+04	-5.39	5.798E+04	.37
150	4.582E+03	5.560E+04	6.005E+04	-8.00	5.852E+04	-5.26	5.534E+04	.47
151	4.668E+03	5.320E+04	5.710E+04	-7.33	5.582E+04	-4.93	5.280E+04	.75
152	4.758E+03	5.060E+04	5.419E+04	-7.10	5.318E+04	-5.09	5.032E+04	.56
153	4.791E+03	1.440E+05	8.776E+04	39.05	1.509E+05	-4.80	1.458E+05	-1.25
154	4.794E+03	1.400E+05	9.286E+04	33.67	1.508E+05	-7.69	1.457E+05	-4.04
155	4.851E+03	1.380E+05	1.593E+05	-15.47	1.480E+05	-7.23	1.430E+05	-3.61
156	4.948E+03	1.360E+05	1.512E+05	-11.15	1.427E+05	-4.93	1.379E+05	-1.41
157	5.049E+03	1.340E+05	1.432E+05	-6.90	1.358E+05	-1.35	1.313E+05	2.03
158	5.090E+03	1.310E+05	1.402E+05	-7.00	1.328E+05	-1.35	1.283E+05	2.03
159	5.114E+03	1.790E+05	1.553E+05	13.26	1.775E+05	.82	1.718E+05	4.00
160	5.154E+03	1.730E+05	1.816E+05	-5.00	1.743E+05	-.76	1.687E+05	2.47
161	5.208E+03	1.690E+05	1.798E+05	-6.37	1.701E+05	-.65	1.647E+05	2.57

162	5.264E+03	1.600E+05	1.749E+05	-9.29	1.659E+05	-3.66	1.606E+05	-.35
163	5.378E+03	1.580E+05	1.654E+05	-4.70	1.576E+05	.25	1.526E+05	3.43
164	5.442E+03	1.540E+05	1.635E+05	-6.15	1.531E+05	.56	1.483E+05	3.72
165	5.461E+03	1.820E+05	1.684E+05	7.45	1.752E+05	3.76	1.702E+05	6.50
166	5.473E+03	1.810E+05	1.716E+05	5.20	1.742E+05	3.75	1.693E+05	6.49
167	5.498E+03	1.781E+05	1.781E+05	-.02	1.723E+05	3.26	1.674E+05	6.01
168	5.623E+03	1.661E+05	1.704E+05	-2.60	1.631E+05	1.81	1.585E+05	4.59
169	5.754E+03	1.561E+05	1.609E+05	-3.06	1.542E+05	1.25	1.498E+05	4.03
170	5.891E+03	1.467E+05	1.516E+05	-3.36	1.455E+05	.83	1.414E+05	3.62
171	6.034E+03	1.382E+05	1.427E+05	-3.27	1.371E+05	.82	1.332E+05	3.59
172	6.185E+03	1.291E+05	1.340E+05	-3.82	1.288E+05	.20	1.252E+05	2.98
173	6.344E+03	1.206E+05	1.256E+05	-4.19	1.208E+05	-.18	1.175E+05	2.59
174	6.511E+03	1.129E+05	1.176E+05	-4.14	1.131E+05	-.15	1.100E+05	2.61
175	6.687E+03	1.049E+05	1.098E+05	-4.65	1.056E+05	-.65	1.027E+05	2.11
176	6.872E+03	9.750E+04	1.023E+05	-4.95	9.838E+04	-.90	9.571E+04	1.84
177	7.069E+03	9.050E+04	9.512E+04	-5.10	9.141E+04	-1.00	8.894E+04	1.72
178	7.277E+03	8.350E+04	8.822E+04	-5.65	8.474E+04	-1.49	8.247E+04	1.24
179	7.497E+03	7.720E+04	8.163E+04	-5.73	7.838E+04	-1.53	7.629E+04	1.17
180	7.732E+03	7.130E+04	7.530E+04	-5.61	7.229E+04	-1.38	7.038E+04	1.30
181	7.981E+03	6.540E+04	6.930E+04	-5.96	6.652E+04	-1.71	6.477E+04	.96
182	8.247E+03	6.000E+04	6.356E+04	-5.94	6.104E+04	-1.74	5.946E+04	.91

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1465	7	70MC2	3	3.19E+00	8.83E-01	4.07E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.508E+03	6.060E+04	6.275E+04	-3.55	6.099E+04	-.65	5.766E+04	4.85		
2	5.895E+03	1.465E+05	1.514E+05	-3.33	1.452E+05	.86	1.412E+05	3.65		
3	9.243E+03	4.580E+04	4.701E+04	-2.63	4.530E+04	1.08	4.415E+04	3.60		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1466	36	65WA1	36	2.30E+01	3.18E+01	2.90E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.096E+03	1.134E+05	8.091E+04	28.65	7.776E+04	31.43	7.336E+04	35.31		
2	4.098E+03	1.151E+05	8.080E+04	29.80	7.766E+04	32.53	7.327E+04	36.34		
3	4.775E+03	4.710E+04	6.058E+04	-28.62	5.270E+04	-11.88	4.986E+04	-5.87		
4	4.777E+03	4.800E+04	6.398E+04	-33.29	5.264E+04	-9.67	4.981E+04	-3.77		
5	4.779E+03	5.060E+04	6.738E+04	-33.15	5.258E+04	-3.92	4.976E+04	1.66		
6	4.781E+03	5.450E+04	7.077E+04	-29.86	5.253E+04	3.62	4.971E+04	8.80		
7	4.783E+03	6.430E+04	7.417E+04	-15.35	1.513E+05	-135.31	1.462E+05	-127.32		
8	4.785E+03	9.590E+04	7.757E+04	19.11	1.512E+05	-57.67	1.461E+05	-52.32		
9	4.787E+03	1.347E+05	8.097E+04	39.89	1.511E+05	-12.18	1.460E+05	-8.37		
10	4.789E+03	1.278E+05	8.437E+04	33.99	1.510E+05	-18.16	1.459E+05	-14.15		
11	4.791E+03	1.221E+05	8.776E+04	28.12	1.509E+05	-23.60	1.458E+05	-19.40		
12	4.793E+03	1.195E+05	9.116E+04	23.71	1.508E+05	-26.21	1.457E+05	-21.92		
13	4.795E+03	1.177E+05	9.456E+04	19.66	1.507E+05	-28.06	1.456E+05	-23.71		
14	5.094E+03	1.134E+05	1.421E+05	-25.29	1.325E+05	-16.82	1.281E+05	-12.93		
15	5.100E+03	1.173E+05	1.460E+05	-24.50	1.320E+05	-12.57	1.276E+05	-8.82		
16	5.102E+03	1.199E+05	1.474E+05	-22.90	1.319E+05	-10.01	1.275E+05	-6.34		
17	5.104E+03	1.291E+05	1.487E+05	-15.16	1.783E+05	-38.15	1.726E+05	-33.71		
18	5.106E+03	1.509E+05	1.500E+05	.60	1.782E+05	-18.08	1.725E+05	-14.29		
19	5.108E+03	1.587E+05	1.513E+05	4.66	1.780E+05	-12.18	1.723E+05	-8.57		
20	5.110E+03	1.554E+05	1.526E+05	1.78	1.779E+05	-14.45	1.721E+05	-10.78		
21	5.112E+03	1.533E+05	1.539E+05	-.42	1.777E+05	-15.91	1.720E+05	-12.19		



22	5.114E+03	1.526E+05	1.553E+05	-1.75	1.775E+05	-16.34	1.718E+05	-12.60
23	5.116E+03	1.526E+05	1.566E+05	-2.61	1.774E+05	-16.23	1.717E+05	-12.50
24	5.446E+03	1.308E+05	1.645E+05	-25.77	1.529E+05	-16.87	1.480E+05	-13.15
25	5.448E+03	1.308E+05	1.650E+05	-26.17	1.527E+05	-16.77	1.479E+05	-13.05
26	5.450E+03	1.308E+05	1.656E+05	-26.57	1.526E+05	-16.66	1.477E+05	-12.95
27	5.452E+03	1.310E+05	1.661E+05	-26.78	1.525E+05	-16.38	1.476E+05	-12.68
28	5.454E+03	1.312E+05	1.666E+05	-26.99	1.757E+05	-33.92	1.707E+05	-30.10
29	5.456E+03	1.323E+05	1.671E+05	-26.33	1.755E+05	-32.68	1.705E+05	-28.91
30	5.458E+03	1.341E+05	1.677E+05	-25.02	1.754E+05	-30.79	1.704E+05	-27.06
31	5.460E+03	1.395E+05	1.682E+05	-20.56	1.752E+05	-25.61	1.702E+05	-22.04
32	5.462E+03	1.467E+05	1.687E+05	-15.00	1.751E+05	-19.34	1.701E+05	-15.94
33	5.464E+03	1.483E+05	1.692E+05	-14.11	1.749E+05	-17.95	1.699E+05	-14.59
34	5.466E+03	1.483E+05	1.698E+05	-14.47	1.748E+05	-17.84	1.698E+05	-14.49
35	5.468E+03	1.480E+05	1.703E+05	-15.05	1.746E+05	-17.98	1.696E+05	-14.62
36	5.470E+03	1.480E+05	1.708E+05	-15.41	1.744E+05	-17.87	1.695E+05	-14.52

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1467	9	66GA1	8	4.21E+00	1.55E+00	3.66E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.952E+03	1.397E+05	1.508E+05	-7.97	1.425E+05	-1.97	1.377E+05	1.44		
2	5.427E+03	1.581E+05	1.616E+05	-2.20	1.542E+05	2.48	1.493E+05	5.58		
3	5.899E+03	1.469E+05	1.511E+05	-2.87	1.450E+05	1.30	1.409E+05	4.07		
4	6.404E+03	1.190E+05	1.227E+05	-3.09	1.180E+05	.87	1.147E+05	3.61		
5	6.490E+03	1.125E+05	1.186E+05	-5.39	1.140E+05	-1.34	1.109E+05	1.45		
6	7.058E+03	9.200E+04	9.550E+04	-3.80	9.178E+04	.24	8.930E+04	2.93		
7	8.048E+03	6.628E+04	6.779E+04	-2.28	6.508E+04	1.81	6.337E+04	4.38		
8	8.905E+03	5.058E+04	5.189E+04	-2.59	4.994E+04	1.26	4.866E+04	3.79		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
54	1468	14	34WH1	1	1.65E-01	4.09E+00	6.57E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.420E+03	6.028E+04	6.018E+04	.16	5.782E+04	4.09	5.632E+04	6.57		

IZ= 55

IZ= 56

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
56	2087	27	82SC01	2	8.07E+00	1.30E+01	1.30E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.050E+03	8.507E+04	7.916E+04	6.95	7.486E+04	12.01	7.486E+04	12.01		
2	8.380E+03	7.845E+04	7.136E+04	9.04	6.757E+04	13.86	6.757E+04	13.86		

IZ= 57

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
57	1481	7	69DE1	2	2.33E+01	1.53E+01	1.53E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.000E+03	7.036E+04	8.700E+04	-23.65	8.139E+04	-15.68	8.139E+04	-15.68		
2	9.962E+03	3.991E+04	4.903E+04	-22.86	4.583E+04	-14.84	4.583E+04	-14.84		

IZ= 58

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
58	1488	21	70OR1	12	2.25E+00	5.97E+00	5.97E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	4.949E+03	6.980E+04	6.788E+04	2.75	6.542E+04	6.27	6.542E+04	6.27		
2	5.411E+03	5.437E+04	5.378E+04	1.08	5.215E+04	4.07	5.215E+04	4.07		
3	5.895E+03	1.254E+05	1.263E+05	-.73	1.192E+05	4.96	1.192E+05	4.96		
4	6.024E+03	1.236E+05	1.188E+05	3.89	1.130E+05	8.59	1.130E+05	8.59		
5	6.400E+03	1.399E+05	1.383E+05	1.14	1.313E+05	6.12	1.313E+05	6.12		
6	6.491E+03	1.374E+05	1.332E+05	3.08	1.268E+05	7.69	1.268E+05	7.69		
7	6.926E+03	1.324E+05	1.282E+05	3.21	1.246E+05	5.89	1.246E+05	5.89		
8	7.473E+03	1.085E+05	1.064E+05	1.92	1.032E+05	4.92	1.032E+05	4.92		
9	8.040E+03	9.053E+04	8.865E+04	2.08	8.574E+04	5.29	8.574E+04	5.29		
10	8.630E+03	7.517E+04	7.407E+04	1.47	7.139E+04	5.03	7.139E+04	5.03		
11	9.570E+03	5.791E+04	5.672E+04	2.05	5.439E+04	6.07	5.439E+04	6.07		
12	9.990E+03	5.123E+04	5.070E+04	1.04	4.856E+04	5.22	4.856E+04	5.22		

IZ= 59

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
59	1496	7	69DA1	4	4.88E+00	3.22E+00	3.22E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	4.951E+03	6.649E+04	7.106E+04	-6.87	7.016E+04	-5.51	7.016E+04	-5.51		
2	5.412E+03	5.435E+04	5.702E+04	-4.90	5.600E+04	-3.04	5.600E+04	-3.04		
3	5.946E+03	4.352E+04	4.517E+04	-3.78	4.406E+04	-1.23	4.406E+04	-1.23		
4	9.245E+03	6.327E+04	6.525E+04	-3.12	6.355E+04	-.44	6.355E+04	-.44		

IZ= 60

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
60	1500	27	70OR1	22	6.77E+00	7.44E+00	7.44E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.487E+03	1.358E+06	1.303E+06	4.03	1.287E+06	5.24	1.287E+06	5.24		
2	1.740E+03	1.026E+06	9.746E+05	5.01	9.477E+05	7.63	9.477E+05	7.63		
3	2.013E+03	5.522E+05	6.913E+05	-25.20	6.792E+05	-23.01	6.792E+05	-23.01		
4	2.307E+03	5.362E+05	4.991E+05	6.91	4.935E+05	7.96	4.935E+05	7.96		
5	2.621E+03	3.945E+05	3.668E+05	7.05	3.636E+05	7.82	3.636E+05	7.82		
6	2.984E+03	2.867E+05	2.675E+05	6.69	2.653E+05	7.46	2.653E+05	7.46		
7	3.313E+03	2.241E+05	2.072E+05	7.56	2.052E+05	8.43	2.052E+05	8.43		
8	3.691E+03	1.686E+05	1.589E+05	5.74	1.570E+05	6.86	1.570E+05	6.86		
9	4.012E+03	1.376E+05	1.294E+05	5.93	1.276E+05	7.29	1.276E+05	7.29		
10	4.508E+03	1.019E+05	9.704E+04	4.77	9.524E+04	6.54	9.524E+04	6.54		
11	4.949E+03	7.906E+04	7.698E+04	2.63	7.526E+04	4.81	7.526E+04	4.81		
12	5.411E+03	6.244E+04	6.163E+04	1.30	6.003E+04	3.86	6.003E+04	3.86		
13	5.895E+03	4.900E+04	4.972E+04	-1.48	4.828E+04	1.48	4.828E+04	1.48		
14	6.400E+03	1.120E+05	1.152E+05	-2.87	1.087E+05	2.96	1.087E+05	2.96		
15	6.491E+03	1.084E+05	1.107E+05	-2.11	1.049E+05	3.19	1.049E+05	3.19		
16	6.926E+03	1.276E+05	1.269E+05	.51	1.214E+05	4.85	1.214E+05	4.85		



17	7.056E+03	1.222E+05	1.229E+05	-.56	1.159E+05	5.12	1.159E+05	5.12
18	7.473E+03	1.222E+05	1.194E+05	2.29	1.161E+05	4.97	1.161E+05	4.97
19	8.040E+03	1.018E+05	9.975E+04	2.01	9.685E+04	4.87	9.685E+04	4.87
20	8.630E+03	8.526E+04	8.355E+04	2.01	8.087E+04	5.15	8.087E+04	5.15
21	9.570E+03	6.467E+04	6.419E+04	.74	6.180E+04	4.44	6.180E+04	4.44
22	9.990E+03	5.626E+04	5.744E+04	-2.10	5.522E+04	1.85	5.522E+04	1.85

IZ= 61

IZ= 62

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
62	1506	31	700R1	23	4.21E+00	9.19E+00	9.19E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	1.782E+06	1.757E+06	1.40	1.576E+06	11.57	1.576E+06	11.57		
2	1.487E+03	1.494E+06	1.466E+06	1.90	1.364E+06	8.68	1.364E+06	8.68		
3	1.740E+03	1.191E+06	1.147E+06	3.71	1.069E+06	10.27	1.069E+06	10.27		
4	2.013E+03	8.715E+05	8.185E+05	6.08	7.676E+05	11.92	7.676E+05	11.92		
5	2.307E+03	6.347E+05	5.928E+05	6.60	5.592E+05	11.89	5.592E+05	11.89		
6	2.621E+03	4.744E+05	4.360E+05	8.09	4.130E+05	12.94	4.130E+05	12.94		
7	2.984E+03	3.441E+05	3.180E+05	7.58	3.019E+05	12.27	3.019E+05	12.27		
8	3.313E+03	2.638E+05	2.461E+05	6.72	2.338E+05	11.39	2.338E+05	11.39		
9	3.691E+03	2.037E+05	1.886E+05	7.42	1.790E+05	12.10	1.790E+05	12.10		
10	4.012E+03	1.635E+05	1.535E+05	6.14	1.455E+05	10.99	1.455E+05	10.99		
11	4.508E+03	1.189E+05	1.149E+05	3.33	1.087E+05	8.54	1.087E+05	8.54		
12	4.949E+03	9.414E+04	9.112E+04	3.21	8.599E+04	8.66	8.599E+04	8.66		
13	5.411E+03	7.405E+04	7.294E+04	1.50	6.863E+04	7.32	6.863E+04	7.32		
14	5.895E+03	5.874E+04	5.886E+04	-.21	5.523E+04	5.98	5.523E+04	5.98		
15	6.400E+03	4.683E+04	4.789E+04	-2.26	4.481E+04	4.31	4.481E+04	4.31		
16	6.926E+03	1.069E+05	1.105E+05	-3.32	1.002E+05	6.31	1.002E+05	6.31		
17	7.056E+03	1.024E+05	1.046E+05	-2.20	9.557E+04	6.67	9.557E+04	6.67		
18	7.473E+03	1.212E+05	1.225E+05	-1.08	1.127E+05	7.03	1.127E+05	7.03		
19	7.648E+03	1.149E+05	1.147E+05	.22	1.064E+05	7.36	1.064E+05	7.36		
20	8.040E+03	1.167E+05	1.156E+05	.95	1.085E+05	6.99	1.085E+05	6.99		
21	8.630E+03	9.789E+04	9.717E+04	.73	9.098E+04	7.06	9.098E+04	7.06		
22	9.570E+03	7.472E+04	7.499E+04	-.36	6.990E+04	6.45	6.990E+04	6.45		
23	9.990E+03	6.708E+04	6.722E+04	-.20	6.257E+04	6.72	6.257E+04	6.72		

IZ= 63

IZ= 64

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
64	1513	31	700R1	23	9.33E+00	8.07E+00	8.07E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	1.792E+06	1.955E+06	-9.09	1.309E+06	26.94	1.309E+06	26.94		
2	1.487E+03	1.371E+06	1.309E+06	4.53	1.339E+06	2.32	1.339E+06	2.32		
3	1.740E+03	1.210E+06	1.123E+06	7.23	1.147E+06	5.23	1.147E+06	5.23		
4	2.013E+03	9.180E+05	8.315E+05	9.42	8.647E+05	5.80	8.647E+05	5.80		

5	2.307E+03	6.810E+05	6.018E+05	11.63	6.321E+05	7.18	6.321E+05	7.18
6	2.621E+03	5.090E+05	4.432E+05	12.93	4.673E+05	8.20	4.673E+05	8.20
7	2.984E+03	3.720E+05	3.240E+05	12.91	3.417E+05	8.13	3.417E+05	8.13
8	3.313E+03	2.900E+05	2.513E+05	13.35	2.649E+05	8.65	2.649E+05	8.65
9	3.691E+03	2.240E+05	1.931E+05	13.79	2.032E+05	9.27	2.032E+05	9.27
10	4.012E+03	1.793E+05	1.575E+05	12.18	1.654E+05	7.77	1.654E+05	7.77
11	4.508E+03	1.361E+05	1.183E+05	13.11	1.237E+05	9.11	1.237E+05	9.11
12	4.949E+03	1.040E+05	9.392E+04	9.70	9.788E+04	5.89	9.788E+04	5.89
13	5.411E+03	8.128E+04	7.527E+04	7.39	7.817E+04	3.83	7.817E+04	3.83
14	5.895E+03	6.642E+04	6.079E+04	8.47	6.294E+04	5.23	6.294E+04	5.23
15	6.400E+03	5.320E+04	4.946E+04	7.03	5.110E+04	3.94	5.110E+04	3.94
16	6.926E+03	4.295E+04	4.051E+04	5.69	4.180E+04	2.67	4.180E+04	2.67
17	7.473E+03	9.575E+04	9.173E+04	4.20	9.276E+04	3.13	9.276E+04	3.13
18	7.648E+03	9.131E+04	8.590E+04	5.92	8.746E+04	4.22	8.746E+04	4.22
19	8.040E+03	1.097E+05	1.037E+05	5.50	1.050E+05	4.25	1.050E+05	4.25
20	8.146E+03	1.074E+05	9.979E+04	7.09	1.018E+05	5.19	1.018E+05	5.19
21	8.630E+03	1.066E+05	9.782E+04	8.24	1.016E+05	4.70	1.016E+05	4.70
22	9.570E+03	8.047E+04	7.558E+04	6.08	7.855E+04	2.39	7.855E+04	2.39
23	9.990E+03	7.355E+04	6.779E+04	7.83	7.050E+04	4.15	7.050E+04	4.15

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
64	1514	10	68H01	10	1.13E+01	7.63E+00	7.63E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	2.985E+03	3.723E+05	3.237E+05	13.05	3.415E+05	8.28	3.415E+05	8.28		
2	3.314E+03	2.890E+05	2.511E+05	13.11	2.647E+05	8.40	2.647E+05	8.40		
3	3.692E+03	2.225E+05	1.930E+05	13.27	2.031E+05	8.72	2.031E+05	8.72		
4	4.089E+03	1.716E+05	1.503E+05	12.43	1.578E+05	8.07	1.578E+05	8.07		
5	4.512E+03	1.358E+05	1.180E+05	13.11	1.234E+05	9.12	1.234E+05	9.12		
6	4.953E+03	1.065E+05	9.373E+04	11.99	9.768E+04	8.28	9.768E+04	8.28		
7	5.414E+03	8.420E+04	7.517E+04	10.73	7.806E+04	7.29	7.806E+04	7.29		
8	7.478E+03	9.815E+04	9.156E+04	6.72	9.260E+04	5.66	9.260E+04	5.66		
9	8.040E+03	1.120E+05	1.037E+05	7.44	1.050E+05	6.22	1.050E+05	6.22		
10	8.640E+03	1.067E+05	9.754E+04	8.59	1.013E+05	5.06	1.013E+05	5.06		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
64	1515	11	69DA1	6	5.09E+00	2.41E+00	2.41E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.951E+03	9.486E+04	9.382E+04	1.10	9.778E+04	-3.08	9.778E+04	-3.08		
2	5.412E+03	8.050E+04	7.524E+04	6.54	7.813E+04	2.94	7.813E+04	2.94		
3	5.895E+03	6.507E+04	6.079E+04	6.57	6.294E+04	3.27	6.294E+04	3.27		
4	7.056E+03	3.984E+04	3.863E+04	3.03	3.987E+04	-.07	3.987E+04	-.07		
5	8.634E+03	1.029E+05	9.770E+04	5.05	1.015E+05	1.39	1.015E+05	1.39		
6	9.879E+03	7.402E+04	6.974E+04	5.79	7.252E+04	2.03	7.252E+04	2.03		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
64	2104	7	81RA01	2	5.91E+00	2.56E+00	2.56E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.470E+03	7.810E+04	7.327E+04	6.18	7.606E+04	2.62	7.606E+04	2.62		
2	6.470E+03	5.099E+04	4.813E+04	5.62	4.971E+04	2.51	4.971E+04	2.51		

IZ= 65



IZ= 66

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
66	2105	7	81RA01	2	3.00E+00	2.60E+00	2.60E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.470E+03	8.793E+04	8.461E+04	8.461E+04	3.78	8.587E+04	2.35	8.587E+04	2.35	
2	6.470E+03	5.463E+04	5.569E+04	5.569E+04	-1.94	5.617E+04	-2.83	5.617E+04	-2.83	

IZ= 67

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
67	1528	28	70OR1	22	9.38E+00	5.74E+00	5.74E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	4.955E+05	4.903E+05	4.903E+05	1.05	4.644E+05	6.28	4.644E+05	6.28	
2	1.487E+03	1.470E+06	1.569E+06	1.569E+06	-6.73	1.597E+06	-8.64	1.597E+06	-8.64	
3	1.740E+03	1.258E+06	1.110E+06	1.110E+06	11.75	1.108E+06	11.91	1.108E+06	11.91	
4	2.013E+03	1.005E+06	9.373E+05	9.373E+05	6.73	9.690E+05	3.58	9.690E+05	3.58	
5	2.307E+03	7.912E+05	7.090E+05	7.090E+05	10.39	7.423E+05	6.17	7.423E+05	6.17	
6	2.621E+03	5.869E+05	5.252E+05	5.252E+05	10.51	5.518E+05	5.99	5.518E+05	5.99	
7	2.984E+03	4.387E+05	3.846E+05	3.846E+05	12.33	4.063E+05	7.39	4.063E+05	7.39	
8	3.313E+03	3.389E+05	2.981E+05	2.981E+05	12.03	3.158E+05	6.80	3.158E+05	6.80	
9	3.691E+03	2.589E+05	2.286E+05	2.286E+05	11.69	2.426E+05	6.31	2.426E+05	6.31	
10	4.012E+03	2.077E+05	1.861E+05	1.861E+05	10.42	1.975E+05	4.92	1.975E+05	4.92	
11	4.508E+03	1.576E+05	1.393E+05	1.393E+05	11.61	1.479E+05	6.16	1.479E+05	6.16	
12	4.949E+03	1.268E+05	1.104E+05	1.104E+05	12.94	1.172E+05	7.60	1.172E+05	7.60	
13	5.411E+03	9.845E+04	8.835E+04	8.835E+04	10.26	9.366E+04	4.86	9.366E+04	4.86	
14	5.895E+03	7.934E+04	7.132E+04	7.132E+04	10.11	7.548E+04	4.87	7.548E+04	4.87	
15	6.400E+03	6.318E+04	5.806E+04	5.806E+04	8.11	6.132E+04	2.94	6.132E+04	2.94	
16	6.926E+03	5.148E+04	4.763E+04	4.763E+04	7.47	5.020E+04	2.49	5.020E+04	2.49	
17	7.473E+03	4.237E+04	3.937E+04	3.937E+04	7.09	4.138E+04	2.32	4.138E+04	2.32	
18	8.265E+03	8.563E+04	8.288E+04	8.288E+04	3.21	8.459E+04	1.21	8.459E+04	1.21	
19	8.630E+03	7.865E+04	7.329E+04	7.329E+04	6.81	7.569E+04	3.76	7.569E+04	3.76	
20	9.340E+03	8.711E+04	8.114E+04	8.114E+04	6.85	8.477E+04	2.68	8.477E+04	2.68	
21	9.570E+03	9.478E+04	8.714E+04	8.714E+04	8.06	9.206E+04	2.87	9.206E+04	2.87	
22	9.990E+03	8.687E+04	7.845E+04	7.845E+04	9.69	8.269E+04	4.81	8.269E+04	4.81	

IZ= 68

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
68	1533	14	69DA1	7	2.58E+00	1.94E+00	1.94E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.412E+03	1.025E+05	1.001E+05	1.001E+05	2.31	9.928E+04	3.15	9.928E+04	3.15	
2	6.926E+03	5.454E+04	5.402E+04	5.402E+04	.96	5.327E+04	2.33	5.327E+04	2.33	
3	8.265E+03	3.341E+04	3.453E+04	3.453E+04	-3.35	3.401E+04	-1.78	3.401E+04	-1.78	
4	8.634E+03	8.084E+04	8.314E+04	8.314E+04	-2.85	7.984E+04	1.23	7.984E+04	1.23	
5	9.245E+03	6.868E+04	6.848E+04	6.848E+04	.30	6.695E+04	2.52	6.695E+04	2.52	
6	9.574E+03	8.393E+04	8.612E+04	8.612E+04	-2.61	8.395E+04	-.02	8.395E+04	-.02	
7	9.829E+03	9.048E+04	8.709E+04	8.709E+04	3.74	9.069E+04	-.23	9.069E+04	-.23	

IZ= 69

IZ= 70

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
70	1538	28	70OR1	22	5.17E+00	6.42E+00	6.42E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.254E+03	6.206E+05	6.001E+05	3.30	5.574E+05	10.18	5.574E+05	10.18		
2	1.487E+03	3.897E+05	4.242E+05	-8.85	3.951E+05	-1.38	3.951E+05	-1.38		
3	1.740E+03	1.270E+06	1.427E+06	-12.33	1.208E+06	4.92	1.208E+06	4.92		
4	2.013E+03	1.121E+06	1.187E+06	-5.92	1.073E+06	4.24	1.073E+06	4.24		
5	2.141E+03	1.026E+06	1.019E+06	.67	9.297E+05	9.39	9.297E+05	9.39		
6	2.307E+03	8.872E+05	9.077E+05	-2.31	8.333E+05	6.07	8.333E+05	6.07		
7	2.621E+03	7.070E+05	7.012E+05	.82	6.471E+05	8.48	6.471E+05	8.48		
8	2.984E+03	5.236E+05	5.156E+05	1.54	4.774E+05	8.83	4.774E+05	8.83		
9	3.313E+03	4.059E+05	4.010E+05	1.22	3.720E+05	8.34	3.720E+05	8.34		
10	3.691E+03	3.136E+05	3.085E+05	1.61	2.865E+05	8.64	2.865E+05	8.64		
11	4.012E+03	2.542E+05	2.517E+05	.98	2.337E+05	8.07	2.337E+05	8.07		
12	4.508E+03	1.911E+05	1.891E+05	1.06	1.753E+05	8.26	1.753E+05	8.26		
13	4.949E+03	1.455E+05	1.502E+05	-3.22	1.390E+05	4.44	1.390E+05	4.44		
14	5.411E+03	1.188E+05	1.204E+05	-1.36	1.113E+05	6.35	1.113E+05	6.35		
15	5.895E+03	9.559E+04	9.732E+04	-1.81	8.975E+04	6.11	8.975E+04	6.11		
16	6.400E+03	7.755E+04	7.929E+04	-2.24	7.297E+04	5.90	7.297E+04	5.90		
17	6.926E+03	6.249E+04	6.506E+04	-4.12	5.978E+04	4.34	5.978E+04	4.34		
18	7.473E+03	5.198E+04	5.375E+04	-3.41	4.932E+04	5.12	4.932E+04	5.12		
19	8.040E+03	4.132E+04	4.469E+04	-8.15	4.097E+04	.84	4.097E+04	.84		
20	8.630E+03	3.402E+04	3.734E+04	-9.76	3.423E+04	-.63	3.423E+04	-.63		
21	9.340E+03	7.577E+04	8.055E+04	-6.30	7.251E+04	4.30	7.251E+04	4.30		
22	9.570E+03	7.045E+04	7.520E+04	-6.74	6.809E+04	3.35	6.809E+04	3.35		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
70	1539	62	68CO1	62	5.66E+01	1.12E+01	1.12E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.512E+03	3.590E+05	7.976E+05	-122.17	3.816E+05	-6.31	3.816E+05	-6.31		
2	1.514E+03	3.880E+05	8.449E+05	-117.76	3.806E+05	1.91	3.806E+05	1.91		
3	1.516E+03	3.740E+05	8.923E+05	-138.57	3.795E+05	-1.48	3.795E+05	-1.48		
4	1.518E+03	4.600E+05	9.396E+05	-104.26	3.785E+05	17.72	3.785E+05	17.72		
5	1.519E+03	4.600E+05	9.633E+05	-109.41	3.780E+05	17.83	3.780E+05	17.83		
6	1.520E+03	4.560E+05	9.870E+05	-116.44	3.775E+05	17.22	3.775E+05	17.22		
7	1.521E+03	4.560E+05	1.011E+06	-121.63	3.770E+05	17.33	3.770E+05	17.33		
8	1.522E+03	5.960E+05	1.034E+06	-73.54	3.764E+05	36.84	3.764E+05	36.84		
9	1.523E+03	4.560E+05	1.058E+06	-132.01	3.759E+05	17.56	3.759E+05	17.56		
10	1.525E+03	5.030E+05	1.105E+06	-119.75	3.749E+05	25.47	3.749E+05	25.47		
11	1.530E+03	5.400E+05	1.224E+06	-126.61	5.795E+05	-7.31	5.795E+05	-7.31		
12	1.535E+03	6.610E+05	1.290E+06	-95.20	6.269E+05	5.15	6.269E+05	5.15		
13	1.540E+03	7.900E+05	1.279E+06	-61.92	6.777E+05	14.21	6.777E+05	14.21		
14	1.545E+03	8.040E+05	1.268E+06	-57.72	7.317E+05	8.99	7.317E+05	8.99		
15	1.548E+03	8.480E+05	1.261E+06	-48.75	7.656E+05	9.72	7.656E+05	9.72		
16	1.550E+03	8.760E+05	1.257E+06	-43.49	7.887E+05	9.96	7.887E+05	9.96		
17	1.555E+03	8.790E+05	1.246E+06	-41.74	8.485E+05	3.47	8.485E+05	3.47		
18	1.560E+03	8.710E+05	1.235E+06	-41.76	9.105E+05	-4.54	9.105E+05	-4.54		
19	1.565E+03	9.190E+05	1.224E+06	-33.15	9.744E+05	-6.03	9.744E+05	-6.03		



20	1.571E+03	9.450E+05	1.225E+06	-29.66	1.053E+06	-11.39	1.053E+06	-11.39
21	1.573E+03	9.600E+05	1.251E+06	-30.28	1.079E+06	-12.38	1.079E+06	-12.38
22	1.576E+03	9.910E+05	1.289E+06	-30.05	1.118E+06	-12.83	1.118E+06	-12.83
23	1.579E+03	9.770E+05	1.327E+06	-35.81	1.302E+06	-33.31	1.302E+06	-33.31
24	1.582E+03	1.069E+06	1.365E+06	-27.69	1.301E+06	-21.69	1.301E+06	-21.69
25	1.584E+03	1.069E+06	1.390E+06	-30.06	1.300E+06	-21.59	1.300E+06	-21.59
26	1.587E+03	1.132E+06	1.428E+06	-26.19	1.298E+06	-14.68	1.298E+06	-14.68
27	1.592E+03	1.135E+06	1.492E+06	-31.45	1.295E+06	-14.14	1.295E+06	-14.14
28	1.596E+03	1.224E+06	1.543E+06	-26.04	1.293E+06	-5.67	1.293E+06	-5.67
29	1.598E+03	1.207E+06	1.568E+06	-29.92	1.292E+06	-7.06	1.292E+06	-7.06
30	1.601E+03	1.261E+06	1.606E+06	-27.38	1.291E+06	-2.35	1.291E+06	-2.35
31	1.603E+03	1.224E+06	1.632E+06	-33.31	1.290E+06	-5.36	1.290E+06	-5.36
32	1.610E+03	1.238E+06	1.706E+06	-37.76	1.286E+06	-3.87	1.286E+06	-3.87
33	1.615E+03	1.235E+06	1.694E+06	-37.15	1.283E+06	-3.90	1.283E+06	-3.90
34	1.621E+03	1.279E+06	1.680E+06	-31.33	1.280E+06	-.07	1.280E+06	-.07
35	1.627E+03	1.261E+06	1.666E+06	-32.08	1.277E+06	-1.25	1.277E+06	-1.25
36	1.633E+03	1.261E+06	1.651E+06	-30.96	1.273E+06	-.99	1.273E+06	-.99
37	1.636E+03	1.322E+06	1.644E+06	-24.39	1.272E+06	3.80	1.272E+06	3.80
38	1.640E+03	1.333E+06	1.635E+06	-22.65	1.270E+06	4.76	1.270E+06	4.76
39	1.650E+03	1.299E+06	1.612E+06	-24.08	1.264E+06	2.69	1.264E+06	2.69
40	1.865E+03	1.069E+06	1.216E+06	-13.71	1.100E+06	-2.87	1.100E+06	-2.87
41	1.874E+03	1.077E+06	1.202E+06	-11.65	1.090E+06	-1.25	1.090E+06	-1.25
42	1.883E+03	1.077E+06	1.189E+06	-10.44	1.081E+06	-.37	1.081E+06	-.37
43	1.892E+03	1.080E+06	1.176E+06	-8.92	1.071E+06	.81	1.071E+06	.81
44	1.897E+03	1.029E+06	1.169E+06	-13.61	1.066E+06	-3.57	1.066E+06	-3.57
45	1.901E+03	1.006E+06	1.163E+06	-15.63	1.061E+06	-5.50	1.061E+06	-5.50
46	1.906E+03	1.066E+06	1.160E+06	-8.82	1.056E+06	.96	1.056E+06	.96
47	1.911E+03	1.092E+06	1.173E+06	-7.43	1.050E+06	3.84	1.050E+06	3.84
48	1.916E+03	1.057E+06	1.186E+06	-12.24	1.044E+06	1.19	1.044E+06	1.19
49	1.920E+03	1.023E+06	1.197E+06	-17.00	1.040E+06	-1.64	1.040E+06	-1.64
50	1.925E+03	1.063E+06	1.210E+06	-13.84	1.034E+06	2.73	1.034E+06	2.73
51	1.931E+03	1.066E+06	1.226E+06	-15.00	1.027E+06	3.66	1.027E+06	3.66
52	1.936E+03	1.037E+06	1.239E+06	-19.48	1.021E+06	1.54	1.021E+06	1.54
53	1.940E+03	1.106E+06	1.250E+06	-12.98	1.016E+06	8.12	1.016E+06	8.12
54	1.946E+03	1.181E+06	1.265E+06	-7.15	1.009E+06	14.57	1.009E+06	14.57
55	1.952E+03	1.207E+06	1.281E+06	-6.15	1.161E+06	3.78	1.161E+06	3.78
56	1.956E+03	1.204E+06	1.275E+06	-5.89	1.155E+06	4.05	1.155E+06	4.05
57	1.961E+03	1.172E+06	1.267E+06	-8.12	1.148E+06	2.09	1.148E+06	2.09
58	1.971E+03	1.126E+06	1.252E+06	-11.15	1.132E+06	-.57	1.132E+06	-.57
59	1.982E+03	1.109E+06	1.234E+06	-11.31	1.116E+06	-.66	1.116E+06	-.66
60	1.993E+03	1.098E+06	1.217E+06	-10.86	1.101E+06	-.24	1.101E+06	-.24
61	2.005E+03	1.095E+06	1.199E+06	-9.50	1.084E+06	1.00	1.084E+06	1.00
62	2.016E+03	1.077E+06	1.183E+06	-9.85	1.069E+06	.70	1.069E+06	.70

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
70	1540	7	69DE1	1	1.12E+01	2.18E+00	2.18E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.000E+03	5.695E+04	6.335E+04		-11.24	5.819E+04	-2.18	5.819E+04	-2.18	

IZ= 71

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
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71	1545	28	68CO1	28	8.03E+01	1.73E+01	1.73E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.587E+03	3.780E+05	7.535E+05	-99.33	3.680E+05	2.64	3.680E+05	2.64		
2	1.590E+03	3.780E+05	8.162E+05	-115.92	4.677E+05	-23.73	4.677E+05	-23.73		
3	1.595E+03	4.070E+05	9.207E+05	-126.21	5.087E+05	-24.98	5.087E+05	-24.98		
4	1.600E+03	4.620E+05	1.025E+06	-121.90	5.528E+05	-19.66	5.528E+05	-19.66		
5	1.605E+03	5.370E+05	1.130E+06	-110.37	6.001E+05	-11.75	6.001E+05	-11.75		
6	1.610E+03	6.100E+05	1.227E+06	-101.07	6.504E+05	-6.62	6.504E+05	-6.62		
7	1.615E+03	7.060E+05	1.292E+06	-83.07	7.035E+05	.36	7.035E+05	.36		
8	1.620E+03	8.110E+05	1.358E+06	-67.50	7.591E+05	6.40	7.591E+05	6.40		
9	1.624E+03	9.010E+05	1.411E+06	-56.63	8.052E+05	10.63	8.052E+05	10.63		
10	1.625E+03	9.150E+05	1.424E+06	-55.68	8.169E+05	10.72	8.169E+05	10.72		
11	1.626E+03	9.270E+05	1.438E+06	-55.08	8.287E+05	10.60	8.287E+05	10.60		
12	1.627E+03	9.300E+05	1.451E+06	-56.00	8.405E+05	9.62	8.405E+05	9.62		
13	1.628E+03	9.240E+05	1.464E+06	-58.44	8.524E+05	7.74	8.524E+05	7.74		
14	1.630E+03	8.770E+05	1.490E+06	-69.94	8.764E+05	.07	8.764E+05	.07		
15	1.635E+03	7.990E+05	1.556E+06	-94.79	9.369E+05	-17.26	9.369E+05	-17.26		
16	1.640E+03	7.930E+05	1.622E+06	-104.58	1.134E+06	-43.03	1.134E+06	-43.03		
17	1.645E+03	8.110E+05	1.688E+06	-108.18	1.135E+06	-39.98	1.135E+06	-39.98		
18	1.650E+03	8.430E+05	1.723E+06	-104.39	1.136E+06	-34.77	1.136E+06	-34.77		
19	1.655E+03	8.920E+05	1.711E+06	-91.79	1.137E+06	-27.48	1.137E+06	-27.48		
20	1.660E+03	9.730E+05	1.699E+06	-74.57	1.138E+06	-16.96	1.138E+06	-16.96		
21	1.665E+03	1.087E+06	1.686E+06	-55.14	1.139E+06	-4.78	1.139E+06	-4.78		
22	1.670E+03	1.156E+06	1.674E+06	-44.82	1.140E+06	1.40	1.140E+06	1.40		
23	1.675E+03	1.191E+06	1.662E+06	-39.54	1.141E+06	4.23	1.141E+06	4.23		
24	1.680E+03	1.177E+06	1.650E+06	-40.16	1.141E+06	3.02	1.141E+06	3.02		
25	1.685E+03	1.145E+06	1.638E+06	-43.02	1.142E+06	.24	1.142E+06	.24		
26	1.695E+03	1.133E+06	1.614E+06	-42.49	1.144E+06	-.94	1.144E+06	-.94		
27	1.700E+03	1.127E+06	1.603E+06	-42.26	1.144E+06	-1.54	1.144E+06	-1.54		
28	1.704E+03	1.121E+06	1.594E+06	-42.22	1.145E+06	-2.13	1.145E+06	-2.13		

IZ= 72

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
72	1548	3	64KA1	1	9.41E+00	7.30E-01	7.30E-01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	8.040E+03	4.564E+04	4.993E+04	-9.41	4.597E+04	-.73	4.597E+04	-.73		

IZ= 73

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1557	29	68CO1	29	3.18E+01	1.60E+01	1.60E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.740E+03	5.020E+05	5.425E+05	-8.06	4.546E+05	9.44	4.546E+05	9.44		
2	1.745E+03	4.990E+05	6.286E+05	-25.97	4.906E+05	1.68	4.906E+05	1.68		
3	1.750E+03	5.320E+05	7.147E+05	-34.34	5.290E+05	.57	5.290E+05	.57		
4	1.755E+03	5.860E+05	8.008E+05	-36.66	5.695E+05	2.82	5.695E+05	2.82		
5	1.760E+03	6.610E+05	8.870E+05	-34.19	6.119E+05	7.42	6.119E+05	7.42		
6	1.765E+03	7.750E+05	9.731E+05	-25.56	6.561E+05	15.34	6.561E+05	15.34		
7	1.770E+03	9.610E+05	1.059E+06	-10.22	7.016E+05	26.99	7.016E+05	26.99		
8	1.773E+03	1.052E+06	1.104E+06	-4.94	7.294E+05	30.66	7.294E+05	30.66		



9	1.775E+03	1.064E+06	1.125E+06	-5.69	7.481E+05	29.69	7.481E+05	29.69
10	1.777E+03	1.046E+06	1.145E+06	-9.47	7.668E+05	26.69	7.668E+05	26.69
11	1.780E+03	9.820E+05	1.176E+06	-19.75	7.949E+05	19.05	7.949E+05	19.05
12	1.785E+03	9.010E+05	1.227E+06	-36.22	8.415E+05	6.61	8.415E+05	6.61
13	1.790E+03	8.980E+05	1.279E+06	-42.40	8.871E+05	1.22	8.871E+05	1.22
14	1.795E+03	9.040E+05	1.330E+06	-47.15	1.019E+06	-12.69	1.019E+06	-12.69
15	1.800E+03	9.130E+05	1.382E+06	-51.33	1.024E+06	-12.20	1.024E+06	-12.20
16	1.805E+03	9.280E+05	1.433E+06	-54.42	1.030E+06	-11.00	1.030E+06	-11.00
17	1.810E+03	9.460E+05	1.484E+06	-56.92	1.036E+06	-9.48	1.036E+06	-9.48
18	1.815E+03	9.670E+05	1.536E+06	-58.83	1.041E+06	-7.69	1.041E+06	-7.69
19	1.820E+03	1.022E+06	1.526E+06	-49.33	1.047E+06	-2.44	1.047E+06	-2.44
20	1.825E+03	1.118E+06	1.516E+06	-35.63	1.053E+06	5.86	1.053E+06	5.86
21	1.830E+03	1.259E+06	1.507E+06	-19.67	1.058E+06	15.96	1.058E+06	15.96
22	1.833E+03	1.382E+06	1.501E+06	-8.60	1.061E+06	23.21	1.061E+06	23.21
23	1.835E+03	1.412E+06	1.497E+06	-6.01	1.063E+06	24.68	1.063E+06	24.68
24	1.838E+03	1.382E+06	1.491E+06	-7.89	1.067E+06	22.81	1.067E+06	22.81
25	1.840E+03	1.307E+06	1.487E+06	-13.79	1.069E+06	18.22	1.069E+06	18.22
26	1.845E+03	1.232E+06	1.477E+06	-19.92	1.074E+06	12.82	1.074E+06	12.82
27	1.850E+03	1.217E+06	1.468E+06	-20.60	1.079E+06	11.32	1.079E+06	11.32
28	1.855E+03	1.214E+06	1.458E+06	-20.10	1.084E+06	10.68	1.084E+06	10.68
29	1.862E+03	1.220E+06	1.445E+06	-18.42	1.091E+06	10.56	1.091E+06	10.56

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1558	14	68H01	6	4.37E+00	3.17E+00	3.17E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.512E+03	2.156E+05	2.200E+05	-2.03	2.063E+05	4.33	2.063E+05	4.33	4.33	
2	4.953E+03	1.710E+05	1.745E+05	-2.03	1.639E+05	4.18	1.639E+05	4.18	4.18	
3	5.414E+03	1.365E+05	1.397E+05	-2.36	1.314E+05	3.77	1.314E+05	3.77	3.77	
4	5.898E+03	1.093E+05	1.128E+05	-3.17	1.061E+05	2.95	1.061E+05	2.95	2.95	
5	8.640E+03	4.083E+04	4.322E+04	-5.86	4.053E+04	.73	4.053E+04	.73	.73	
6	9.023E+03	3.605E+04	3.876E+04	-7.51	3.631E+04	-.73	3.631E+04	-.73	-.73	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1559	18	66H01	9	5.41E+00	2.63E+00	2.63E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	4.952E+03	1.649E+05	1.746E+05	-5.86	1.639E+05	.58	1.639E+05	.58	.58	
2	5.415E+03	1.376E+05	1.397E+05	-1.49	1.313E+05	4.58	1.313E+05	4.58	4.58	
3	5.899E+03	1.100E+05	1.127E+05	-2.47	1.060E+05	3.61	1.060E+05	3.61	3.61	
4	6.404E+03	8.983E+04	9.172E+04	-2.11	8.630E+04	3.93	8.630E+04	3.93	3.93	
5	7.478E+03	6.009E+04	6.214E+04	-3.40	5.841E+04	2.80	5.841E+04	2.80	2.80	
6	8.146E+03	4.720E+04	5.011E+04	-6.17	4.705E+04	.32	4.705E+04	.32	.32	
7	9.252E+03	3.440E+04	3.639E+04	-5.79	3.408E+04	.94	3.408E+04	.94	.94	
8	9.442E+03	3.221E+04	3.459E+04	-7.38	3.237E+04	-.48	3.237E+04	-.48	-.48	
9	9.713E+03	2.959E+04	3.222E+04	-8.87	3.012E+04	-1.80	3.012E+04	-1.80	-1.80	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1560	19	74PA1	5	3.86E+00	4.32E+00	4.32E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.900E+03	1.115E+05	1.127E+05	-1.05	1.060E+05	4.95	1.060E+05	4.95	4.95	
2	6.400E+03	9.370E+04	9.187E+04	1.95	8.644E+04	7.75	8.644E+04	7.75	7.75	
3	7.100E+03	6.800E+04	7.079E+04	-4.10	6.657E+04	2.10	6.657E+04	2.10	2.10	
4	8.000E+03	4.970E+04	5.244E+04	-5.52	4.925E+04	.90	4.925E+04	.90	.90	
5	8.900E+03	3.830E+04	4.012E+04	-4.74	3.760E+04	1.83	3.760E+04	1.83	1.83	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1561	16	66HE1	5	7.10E+00	1.93E+00	1.93E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.404E+03	8.857E+04	9.172E+04	-3.56	8.630E+04	2.56	8.630E+04	2.56		
2	7.058E+03	6.832E+04	7.184E+04	-5.16	6.757E+04	1.09	6.757E+04	1.09		
3	8.048E+03	4.831E+04	5.166E+04	-6.94	4.851E+04	-.42	4.851E+04	-.42		
4	8.905E+03	3.714E+04	4.006E+04	-7.87	3.755E+04	-1.09	3.755E+04	-1.09		
5	9.442E+03	3.140E+04	3.459E+04	-10.15	3.237E+04	-3.08	3.237E+04	-3.08		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1562	11	69DE1	5	8.27E+00	1.93E+00	1.93E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.058E+03	6.811E+04	7.184E+04	-5.48	6.757E+04	.79	6.757E+04	.79		
2	8.000E+03	4.861E+04	5.244E+04	-7.88	4.925E+04	-1.32	4.925E+04	-1.32		
3	8.398E+03	4.290E+04	4.642E+04	-8.21	4.356E+04	-1.53	4.356E+04	-1.53		
4	9.000E+03	3.590E+04	3.901E+04	-8.66	3.655E+04	-1.81	3.655E+04	-1.81		
5	9.500E+03	3.086E+04	3.406E+04	-10.36	3.187E+04	-3.26	3.187E+04	-3.26		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
73	1563	1	53HU1	1	1.73E+00	4.47E+00	4.47E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	5.080E+04	5.168E+04	-1.73	4.853E+04	4.47	4.853E+04	4.47		

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
74	1589	7	70LU1	7	6.27E+00	9.45E+00	9.45E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.490E+03	6.154E+05	5.430E+05	11.77	5.087E+05	17.34	5.087E+05	17.34		
2	1.740E+03	4.008E+05	3.913E+05	2.38	3.675E+05	8.30	3.675E+05	8.30		
3	2.310E+03	9.811E+05	1.061E+06	-8.10	9.708E+05	1.05	9.708E+05	1.05		
4	2.620E+03	8.306E+05	8.252E+05	.65	7.621E+05	8.25	7.621E+05	8.25		
5	3.320E+03	5.107E+05	4.898E+05	4.09	4.576E+05	10.40	4.576E+05	10.40		
6	3.690E+03	3.895E+05	3.797E+05	2.51	3.551E+05	8.82	3.551E+05	8.82		
7	4.510E+03	2.180E+05	2.322E+05	-6.50	2.178E+05	.09	2.178E+05	.09		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
74	1590	18	59DE1	3	4.91E+00	1.83E+00	1.83E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	5.238E+04	5.441E+04	-3.88	5.128E+04	2.09	5.128E+04	2.09		
2	8.904E+03	4.063E+04	4.209E+04	-3.60	3.971E+04	2.27	3.971E+04	2.27		
3	9.885E+03	3.025E+04	3.226E+04	-6.65	3.047E+04	-.72	3.047E+04	-.72		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
74	1591	2	26AL1	2	1.16E+01	5.53E+00	5.53E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.660E+03	3.968E+04	4.517E+04	-13.84	4.260E+04	-7.36	4.260E+04	-7.36		
2	9.590E+03	3.205E+04	3.486E+04	-8.75	3.290E+04	-2.66	3.290E+04	-2.66		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
74	1593	8	67DE1	3	9.40E+00	3.51E+00	3.51E+00			



N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	9.000E+03	3.816E+04	4.096E+04	-7.35	3.864E+04	-1.27	3.864E+04	-1.27
2	9.500E+03	3.205E+04	3.570E+04	-11.38	3.370E+04	-5.14	3.370E+04	-5.14
3	1.000E+04	2.873E+04	3.132E+04	-9.02	2.959E+04	-2.98	2.959E+04	-2.98

IZ= 75

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
75	1624	34	76ST1	34	2.09E+01	1.46E+01	1.46E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.710E+03	5.090E+05	4.325E+05	15.03	4.061E+05	20.21	4.061E+05	20.21		
2	1.740E+03	4.940E+05	4.170E+05	15.58	3.914E+05	20.77	3.914E+05	20.77		
3	1.770E+03	4.680E+05	4.021E+05	14.08	3.774E+05	19.35	3.774E+05	19.35		
4	1.780E+03	4.660E+05	3.974E+05	14.72	3.729E+05	19.97	3.729E+05	19.97		
5	1.820E+03	4.240E+05	3.790E+05	10.61	3.557E+05	16.11	3.557E+05	16.11		
6	1.840E+03	4.240E+05	3.704E+05	12.64	4.149E+05	2.14	4.149E+05	2.14		
7	1.910E+03	5.380E+05	1.060E+06	-96.98	7.000E+05	-30.11	7.000E+05	-30.11		
8	1.920E+03	7.740E+05	1.144E+06	-47.87	7.378E+05	4.68	7.378E+05	4.68		
9	1.980E+03	1.029E+06	1.370E+06	-33.15	1.042E+06	-1.22	1.042E+06	-1.22		
10	2.000E+03	1.170E+06	1.338E+06	-14.33	1.167E+06	.28	1.167E+06	.28		
11	2.010E+03	1.174E+06	1.322E+06	-12.65	1.224E+06	-4.23	1.224E+06	-4.23		
12	2.050E+03	1.212E+06	1.263E+06	-4.22	1.396E+06	-15.17	1.396E+06	-15.17		
13	2.120E+03	1.159E+06	1.168E+06	-.79	1.466E+06	-26.47	1.466E+06	-26.47		
14	2.160E+03	1.099E+06	1.118E+06	-1.75	1.400E+06	-27.37	1.400E+06	-27.37		
15	2.200E+03	1.062E+06	1.072E+06	-.90	1.291E+06	-21.56	1.291E+06	-21.56		
16	2.260E+03	1.040E+06	1.006E+06	3.23	1.103E+06	-6.04	1.103E+06	-6.04		
17	2.290E+03	9.960E+05	9.759E+05	2.01	1.014E+06	-1.79	1.014E+06	-1.79		
18	2.310E+03	9.830E+05	9.563E+05	2.72	9.595E+05	2.39	9.595E+05	2.39		
19	2.340E+03	9.710E+05	9.279E+05	4.43	8.876E+05	8.59	8.876E+05	8.59		
20	2.390E+03	1.041E+06	9.891E+05	4.99	9.435E+05	9.37	9.435E+05	9.37		
21	2.420E+03	1.019E+06	9.960E+05	2.26	9.153E+05	10.18	9.153E+05	10.18		
22	2.440E+03	9.990E+05	9.757E+05	2.33	8.972E+05	10.19	8.972E+05	10.19		
23	2.530E+03	9.390E+05	8.912E+05	5.09	8.217E+05	12.49	8.217E+05	12.49		
24	2.560E+03	9.050E+05	8.653E+05	4.39	7.986E+05	11.76	7.986E+05	11.76		
25	2.680E+03	8.760E+05	8.007E+05	8.59	7.151E+05	18.37	7.151E+05	18.37		
26	2.700E+03	8.640E+05	8.080E+05	6.48	7.467E+05	13.58	7.467E+05	13.58		
27	2.837E+03	7.490E+05	7.171E+05	4.26	6.653E+05	11.18	6.653E+05	11.18		
28	2.840E+03	7.630E+05	7.152E+05	6.26	6.636E+05	13.03	6.636E+05	13.03		
29	2.990E+03	6.960E+05	6.602E+05	5.15	6.144E+05	11.72	6.144E+05	11.72		
30	3.130E+03	6.250E+05	5.931E+05	5.11	5.531E+05	11.50	5.531E+05	11.50		
31	3.150E+03	6.070E+05	5.841E+05	3.77	5.450E+05	10.21	5.450E+05	10.21		
32	3.320E+03	5.490E+05	5.156E+05	6.08	4.818E+05	12.24	4.818E+05	12.24		
33	3.440E+03	4.990E+05	4.737E+05	5.08	4.428E+05	11.27	4.428E+05	11.27		
34	3.600E+03	4.490E+05	4.246E+05	5.44	3.970E+05	11.58	3.970E+05	11.58		

IZ= 76

IZ= 77

IZ= 78

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1630	19	28J01	17	3.74E+01	2.17E+01	2.17E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.256E+03	7.904E+05	9.969E+05	-26.13	9.198E+05	-16.37	9.198E+05	-16.37		
2	1.490E+03	4.956E+05	7.047E+05	-42.19	6.524E+05	-31.64	6.524E+05	-31.64		
3	1.780E+03	3.855E+05	4.871E+05	-26.35	4.496E+05	-16.64	4.496E+05	-16.64		
4	2.300E+03	5.312E+05	1.141E+06	-114.81	8.067E+05	-51.86	8.067E+05	-51.86		
5	2.990E+03	4.179E+05	7.040E+05	-68.47	6.418E+05	-53.59	6.418E+05	-53.59		
6	3.450E+03	4.438E+05	5.539E+05	-24.82	5.064E+05	-14.11	5.064E+05	-14.11		
7	3.700E+03	3.628E+05	4.688E+05	-29.21	4.292E+05	-18.29	4.292E+05	-18.29		
8	4.100E+03	3.042E+05	3.656E+05	-20.19	3.359E+05	-10.43	3.359E+05	-10.43		
9	4.520E+03	2.449E+05	2.879E+05	-17.54	2.654E+05	-8.36	2.654E+05	-8.36		
10	4.960E+03	1.931E+05	2.287E+05	-18.46	2.115E+05	-9.53	2.115E+05	-9.53		
11	6.410E+03	1.137E+05	1.205E+05	-6.02	1.122E+05	1.33	1.122E+05	1.33		
12	6.940E+03	9.426E+04	9.873E+04	-4.74	9.199E+04	2.41	9.199E+04	2.41		
13	7.480E+03	7.386E+04	8.177E+04	-10.72	7.623E+04	-3.20	7.623E+04	-3.20		
14	8.050E+03	6.673E+04	6.797E+04	-1.86	6.338E+04	5.02	6.338E+04	5.02		
15	8.650E+03	5.604E+04	5.671E+04	-1.20	5.288E+04	5.63	5.288E+04	5.63		
16	8.920E+03	4.924E+04	5.249E+04	-6.60	4.894E+04	.60	4.894E+04	.60		
17	9.590E+03	4.373E+04	4.374E+04	-.02	4.077E+04	6.76	4.077E+04	6.76		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1631	10	60EH1	9	2.99E+01	2.05E+01	2.05E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	3.318E+03	4.496E+05	6.074E+05	-35.10	5.553E+05	-23.51	5.553E+05	-23.51		
2	3.697E+03	3.816E+05	4.697E+05	-23.09	4.300E+05	-12.68	4.300E+05	-12.68		
3	4.516E+03	2.356E+05	2.885E+05	-22.45	2.659E+05	-12.87	2.659E+05	-12.87		
4	5.420E+03	1.297E+05	1.835E+05	-41.45	1.701E+05	-31.13	1.701E+05	-31.13		
5	5.904E+03	1.150E+05	1.482E+05	-28.83	1.376E+05	-19.69	1.376E+05	-19.69		
6	6.409E+03	9.297E+04	1.206E+05	-29.71	1.122E+05	-20.72	1.122E+05	-20.72		
7	7.484E+03	6.449E+04	8.166E+04	-26.63	7.612E+04	-18.04	7.612E+04	-18.04		
8	8.053E+03	5.358E+04	6.791E+04	-26.74	6.332E+04	-18.17	6.332E+04	-18.17		
9	8.644E+03	4.363E+04	5.681E+04	-30.22	5.298E+04	-21.42	5.298E+04	-21.42		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1632	13	68HO1	4	6.54E+00	1.76E+00	1.76E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.898E+03	1.421E+05	1.485E+05	-4.52	1.380E+05	2.89	1.380E+05	2.89		
2	6.404E+03	1.146E+05	1.208E+05	-5.44	1.124E+05	1.88	1.124E+05	1.88		
3	8.040E+03	6.333E+04	6.818E+04	-7.66	6.358E+04	-.39	6.358E+04	-.39		
4	9.023E+03	4.726E+04	5.099E+04	-7.89	4.755E+04	-.61	4.755E+04	-.61		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1633	41	29BA1	16	3.57E+00	5.20E+00	5.20E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.210E+03	1.320E+05	1.305E+05	1.12	1.214E+05	8.03	1.214E+05	8.03		
2	6.510E+03	1.198E+05	1.159E+05	3.22	1.079E+05	9.90	1.079E+05	9.90		
3	6.810E+03	1.053E+05	1.035E+05	1.67	9.644E+04	8.41	9.644E+04	8.41		
4	7.130E+03	9.170E+04	9.224E+04	-.59	8.597E+04	6.25	8.597E+04	6.25		
5	7.400E+03	8.270E+04	8.401E+04	-1.59	7.831E+04	5.30	7.831E+04	5.30		
6	7.750E+03	7.318E+04	7.479E+04	-2.20	6.973E+04	4.72	6.973E+04	4.72		



7	7.910E+03	6.942E+04	7.103E+04	-2.32	6.624E+04	4.59	6.624E+04	4.59
8	7.990E+03	6.799E+04	6.926E+04	-1.87	6.458E+04	5.01	6.458E+04	5.01
9	8.060E+03	6.359E+04	6.776E+04	-6.56	6.318E+04	.65	6.318E+04	.65
10	8.290E+03	6.129E+04	6.313E+04	-3.00	5.886E+04	3.96	5.886E+04	3.96
11	8.380E+03	5.934E+04	6.143E+04	-3.53	5.728E+04	3.47	5.728E+04	3.47
12	8.580E+03	5.526E+04	5.789E+04	-4.75	5.398E+04	2.32	5.398E+04	2.32
13	8.740E+03	5.325E+04	5.526E+04	-3.77	5.152E+04	3.24	5.152E+04	3.24
14	8.920E+03	5.086E+04	5.249E+04	-3.20	4.894E+04	3.77	4.894E+04	3.77
15	9.320E+03	4.470E+04	4.700E+04	-5.15	4.382E+04	1.97	4.382E+04	1.97
16	9.720E+03	3.994E+04	4.228E+04	-5.86	3.941E+04	1.33	3.941E+04	1.33

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1634	5	7BA1	5	1.21E+01	6.77E+00	6.77E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.400E+03	9.826E+04	1.210E+05	-23.16	1.126E+05	-14.62	1.126E+05	-14.62		
2	6.930E+03	9.017E+04	9.909E+04	-9.89	9.232E+04	-2.38	9.232E+04	-2.38		
3	7.470E+03	7.865E+04	8.205E+04	-4.32	7.648E+04	2.75	7.648E+04	2.75		
4	8.040E+03	6.443E+04	6.818E+04	-5.82	6.358E+04	1.33	6.358E+04	1.33		
5	8.630E+03	5.352E+04	5.705E+04	-6.59	5.319E+04	.61	5.319E+04	.61		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1635	8	9BA1	5	8.45E+00	1.32E+00	1.32E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.400E+03	1.101E+05	1.210E+05	-9.92	1.126E+05	-2.29	1.126E+05	-2.29		
2	6.930E+03	9.102E+04	9.909E+04	-8.87	9.232E+04	-1.43	9.232E+04	-1.43		
3	7.480E+03	7.645E+04	8.177E+04	-6.96	7.623E+04	.29	7.623E+04	.29		
4	8.050E+03	6.284E+04	6.797E+04	-8.17	6.338E+04	-.85	6.338E+04	-.85		
5	8.640E+03	5.264E+04	5.688E+04	-8.06	5.304E+04	-.76	5.304E+04	-.76		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1636	13	26A11	7	3.71E+00	3.66E+00	3.66E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	6.410E+03	1.182E+05	1.205E+05	-1.98	1.122E+05	5.09	1.122E+05	5.09		
2	7.040E+03	9.070E+04	9.523E+04	-5.00	8.875E+04	2.15	8.875E+04	2.15		
3	7.490E+03	7.871E+04	8.150E+04	-3.54	7.597E+04	3.48	7.597E+04	3.48		
4	8.070E+03	6.446E+04	6.755E+04	-4.79	6.298E+04	2.29	6.298E+04	2.29		
5	8.660E+03	5.539E+04	5.655E+04	-2.09	5.273E+04	4.80	5.273E+04	4.80		
6	8.930E+03	5.021E+04	5.234E+04	-4.25	4.881E+04	2.80	4.881E+04	2.80		
7	9.590E+03	4.243E+04	4.374E+04	-3.09	4.077E+04	3.91	4.077E+04	3.91		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
78	1639	19	59DE1	3	7.45E+00	1.05E+00	1.05E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	8.047E+03	6.427E+04	6.803E+04	-5.86	6.344E+04	1.30	6.344E+04	1.30		
2	8.904E+03	4.898E+04	5.272E+04	-7.64	4.917E+04	-.38	4.917E+04	-.38		
3	9.885E+03	3.732E+04	4.052E+04	-8.58	3.777E+04	-1.21	3.777E+04	-1.21		

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1655	11	67ER1	2	1.21E+01	3.01E+00	3.01E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		

1	1.130E+03	1.180E+06	1.311E+06	-11.09	1.200E+06	-1.71	1.200E+06	-1.71
2	1.370E+03	7.900E+05	8.933E+05	-13.08	8.209E+05	-3.91	8.209E+05	-3.91

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
79	1659	16	67ER2	3	8.83E+00	9.35E+00	9.35E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.012E+03	1.630E+06	1.627E+06	.19	1.487E+06	8.79	1.487E+06	8.79	
2	1.254E+03	9.320E+05	1.067E+06	-14.50	9.787E+05	-5.01	9.787E+05	-5.01	
3	1.487E+03	7.960E+05	7.573E+05	4.86	6.954E+05	12.64	6.954E+05	12.64	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
79	1663	44	66HU1	33	2.44E+01	6.50E+00	6.50E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	1.089E+06	1.067E+06	2.01	9.787E+05	10.13	9.787E+05	10.13	
2	1.487E+03	7.522E+05	7.573E+05	-.68	6.954E+05	7.55	6.954E+05	7.55	
3	1.739E+03	5.279E+05	5.484E+05	-3.88	5.017E+05	4.96	5.017E+05	4.96	
4	1.922E+03	4.137E+05	4.435E+05	-7.20	4.051E+05	2.07	4.051E+05	2.07	
5	2.136E+03	3.235E+05	3.536E+05	-9.30	3.223E+05	.37	3.223E+05	.37	
6	2.166E+03	3.094E+05	3.430E+05	-10.86	3.127E+05	-1.05	3.127E+05	-1.05	
7	2.205E+03	2.921E+05	6.316E+05	-116.21	3.007E+05	-2.94	3.007E+05	-2.94	
8	2.257E+03	6.083E+05	8.543E+05	-40.44	5.478E+05	9.95	5.478E+05	9.95	
9	2.293E+03	6.705E+05	1.033E+06	-53.99	7.713E+05	-15.04	7.713E+05	-15.04	
10	2.422E+03	9.517E+05	1.062E+06	-11.54	7.852E+05	17.50	7.852E+05	17.50	
11	2.526E+03	8.536E+05	9.615E+05	-12.64	7.840E+05	8.15	7.840E+05	8.15	
12	2.558E+03	8.242E+05	9.335E+05	-13.26	7.803E+05	5.33	7.803E+05	5.33	
13	2.697E+03	7.620E+05	8.244E+05	-8.19	7.414E+05	2.71	7.414E+05	2.71	
14	2.838E+03	7.816E+05	8.422E+05	-7.75	7.659E+05	2.00	7.659E+05	2.00	
15	2.985E+03	7.032E+05	7.470E+05	-6.22	6.785E+05	3.51	6.785E+05	3.51	
16	3.134E+03	5.923E+05	6.902E+05	-16.52	6.023E+05	-1.68	6.023E+05	-1.68	
17	3.151E+03	6.430E+05	6.974E+05	-8.46	6.306E+05	1.92	6.306E+05	1.92	
18	3.171E+03	6.417E+05	6.870E+05	-7.06	6.213E+05	3.17	6.213E+05	3.17	
19	3.337E+03	5.949E+05	6.078E+05	-2.16	5.512E+05	7.35	5.512E+05	7.35	
20	3.444E+03	5.674E+05	5.837E+05	-2.88	5.332E+05	6.03	5.332E+05	6.03	
21	3.605E+03	5.112E+05	5.270E+05	-3.08	4.787E+05	6.37	4.787E+05	6.37	
22	3.843E+03	4.366E+05	4.528E+05	-3.71	4.114E+05	5.78	4.114E+05	5.78	
23	4.089E+03	3.794E+05	3.900E+05	-2.79	3.548E+05	6.49	3.548E+05	6.49	
24	4.510E+03	3.042E+05	3.071E+05	-.96	2.801E+05	7.91	2.801E+05	7.91	
25	4.949E+03	2.407E+05	2.441E+05	-1.43	2.234E+05	7.18	2.234E+05	7.18	
26	5.414E+03	1.897E+05	1.952E+05	-2.89	1.793E+05	5.50	1.793E+05	5.50	
27	5.898E+03	1.521E+05	1.575E+05	-3.54	1.451E+05	4.59	1.451E+05	4.59	
28	6.404E+03	1.230E+05	1.280E+05	-4.08	1.183E+05	3.83	1.183E+05	3.83	
29	6.930E+03	1.007E+05	1.049E+05	-4.18	9.714E+04	3.54	9.714E+04	3.54	
30	7.478E+03	8.307E+04	8.659E+04	-4.23	8.027E+04	3.37	8.027E+04	3.37	
31	8.040E+03	6.868E+04	7.212E+04	-5.01	6.692E+04	2.57	6.692E+04	2.57	
32	8.640E+03	5.753E+04	6.017E+04	-4.58	5.584E+04	2.94	5.584E+04	2.94	
33	9.710E+03	4.225E+04	4.488E+04	-6.22	4.161E+04	1.51	4.161E+04	1.51	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
79	1664	12	70LU1	12	2.91E+01	8.28E+00	8.28E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.490E+03	7.264E+05	7.542E+05	-3.83	6.925E+05	4.67	6.925E+05	4.67	
2	1.740E+03	5.203E+05	5.477E+05	-5.27	5.011E+05	3.69	5.011E+05	3.69	
3	2.010E+03	3.787E+05	4.032E+05	-6.47	3.678E+05	2.88	3.678E+05	2.88	



4	2.310E+03	6.165E+05	1.186E+06	-92.46	7.736E+05	-25.48	7.736E+05	-25.48
5	2.620E+03	7.264E+05	8.825E+05	-21.49	7.676E+05	-5.68	7.676E+05	-5.68
6	2.990E+03	6.453E+05	7.439E+05	-15.28	6.758E+05	-4.72	6.758E+05	-4.72
7	3.150E+03	5.952E+05	6.979E+05	-17.26	6.311E+05	-6.03	6.311E+05	-6.03
8	3.440E+03	5.194E+05	5.833E+05	-12.29	5.347E+05	-2.94	5.347E+05	-2.94
9	3.600E+03	4.804E+05	5.287E+05	-10.05	4.802E+05	.04	4.802E+05	.04
10	3.840E+03	4.176E+05	4.536E+05	-8.63	4.121E+05	1.31	4.121E+05	1.31
11	4.510E+03	2.711E+05	3.071E+05	-13.28	2.801E+05	-3.33	2.801E+05	-3.33
12	5.410E+03	1.874E+05	1.956E+05	-4.35	1.796E+05	4.17	1.796E+05	4.17

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1665	16	38AN1	16	7.04E+00	9.15E+00	9.15E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	8.010E+05	7.573E+05	5.45	6.954E+05	13.19	6.954E+05	13.19	13.19	
2	1.740E+03	5.660E+05	5.477E+05	3.23	5.011E+05	11.46	5.011E+05	11.46	11.46	
3	2.042E+03	3.960E+05	3.899E+05	1.54	3.554E+05	10.24	3.554E+05	10.24	10.24	
4	2.395E+03	9.520E+05	1.090E+06	-14.48	7.832E+05	17.73	7.832E+05	17.73	17.73	
5	2.622E+03	8.340E+05	8.809E+05	-5.62	7.671E+05	8.02	7.671E+05	8.02	8.02	
6	2.821E+03	8.010E+05	8.545E+05	-6.67	7.770E+05	3.00	7.770E+05	3.00	3.00	
7	2.984E+03	6.250E+05	7.476E+05	-19.61	6.791E+05	-8.65	6.791E+05	-8.65	-8.65	
8	3.151E+03	6.700E+05	6.974E+05	-4.09	6.306E+05	5.88	6.306E+05	5.88	5.88	
9	3.691E+03	4.810E+05	4.984E+05	-3.62	4.527E+05	5.89	4.527E+05	5.89	5.89	
10	4.090E+03	4.090E+05	3.898E+05	4.71	3.546E+05	13.31	3.546E+05	13.31	13.31	
11	4.510E+03	3.025E+05	3.071E+05	-1.52	2.801E+05	7.40	2.801E+05	7.40	7.40	
12	4.952E+03	2.355E+05	2.438E+05	-3.51	2.231E+05	5.27	2.231E+05	5.27	5.27	
13	5.414E+03	1.913E+05	1.952E+05	-2.03	1.793E+05	6.29	1.793E+05	6.29	6.29	
14	6.403E+03	1.266E+05	1.281E+05	-1.16	1.183E+05	6.52	1.183E+05	6.52	6.52	
15	7.477E+03	8.470E+04	8.661E+04	-2.26	8.030E+04	5.19	8.030E+04	5.19	5.19	
16	8.047E+03	7.064E+04	7.196E+04	-1.87	6.677E+04	5.48	6.677E+04	5.48	5.48	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1666	25	68H01	15	2.28E+01	6.06E+00	6.06E+00			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	7.619E+05	7.573E+05	.60	6.954E+05	8.73	6.954E+05	8.73	8.73	
2	1.740E+03	5.218E+05	5.477E+05	-4.97	5.011E+05	3.96	5.011E+05	3.96	3.96	
3	2.014E+03	3.690E+05	4.015E+05	-8.81	3.662E+05	.75	3.662E+05	.75	.75	
4	2.166E+03	3.061E+05	3.430E+05	-12.06	3.127E+05	-2.14	3.127E+05	-2.14	-2.14	
5	2.257E+03	6.132E+05	8.543E+05	-39.32	5.478E+05	10.67	5.478E+05	10.67	10.67	
6	2.308E+03	6.783E+05	1.189E+06	-75.27	7.733E+05	-14.01	7.733E+05	-14.01	-14.01	
7	2.622E+03	7.921E+05	8.809E+05	-11.21	7.671E+05	3.16	7.671E+05	3.16	3.16	
8	2.816E+03	7.921E+05	8.581E+05	-8.33	7.802E+05	1.50	7.802E+05	1.50	1.50	
9	3.314E+03	5.893E+05	6.179E+05	-4.84	5.602E+05	4.93	5.602E+05	4.93	4.93	
10	3.692E+03	4.810E+05	4.981E+05	-3.55	4.524E+05	5.95	4.524E+05	5.95	5.95	
11	4.012E+03	3.900E+05	4.083E+05	-4.70	3.713E+05	4.80	3.713E+05	4.80	4.80	
12	4.512E+03	2.940E+05	3.068E+05	-4.34	2.798E+05	4.82	2.798E+05	4.82	4.82	
13	6.404E+03	1.234E+05	1.280E+05	-3.74	1.183E+05	4.14	1.183E+05	4.14	4.14	
14	8.040E+03	6.829E+04	7.212E+04	-5.61	6.692E+04	2.01	6.692E+04	2.01	2.01	
15	8.640E+03	5.710E+04	6.017E+04	-5.37	5.584E+04	2.21	5.584E+04	2.21	2.21	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1667	32	77ST1	31	2.90E+01	1.04E+01	1.04E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.980E+03	4.170E+05	4.163E+05	.16	3.800E+05	8.88	3.800E+05	8.88	8.88	

2	2.010E+03	4.010E+05	4.032E+05	- .55	3.678E+05	8.28	3.678E+05	8.28
3	2.050E+03	3.820E+05	3.866E+05	-1.20	3.524E+05	7.74	3.524E+05	7.74
4	2.120E+03	3.500E+05	3.595E+05	-2.71	3.276E+05	6.39	3.276E+05	6.39
5	2.160E+03	3.300E+05	3.451E+05	-4.57	3.146E+05	4.68	3.146E+05	4.68
6	2.210E+03	3.150E+05	7.305E+05	-131.90	3.402E+05	-8.01	3.402E+05	-8.01
7	2.260E+03	6.570E+05	8.517E+05	-29.64	5.632E+05	14.28	5.632E+05	14.28
8	2.283E+03	7.100E+05	9.104E+05	-28.23	6.850E+05	3.52	6.850E+05	3.52
9	2.288E+03	7.100E+05	9.715E+05	-36.83	7.116E+05	- .23	7.116E+05	- .23
10	2.310E+03	7.150E+05	1.186E+06	-65.94	7.736E+05	-8.20	7.736E+05	-8.20
11	2.340E+03	9.120E+05	1.151E+06	-26.21	7.775E+05	14.75	7.775E+05	14.75
12	2.390E+03	9.470E+05	1.095E+06	-15.66	7.828E+05	17.34	7.828E+05	17.34
13	2.420E+03	9.440E+05	1.064E+06	-12.67	7.851E+05	16.84	7.851E+05	16.84
14	2.530E+03	8.870E+05	9.580E+05	-8.01	7.837E+05	11.65	7.837E+05	11.65
15	2.560E+03	8.750E+05	9.318E+05	-6.49	7.800E+05	10.86	7.800E+05	10.86
16	2.680E+03	8.000E+05	8.368E+05	-4.61	7.482E+05	6.48	7.482E+05	6.48
17	2.840E+03	8.340E+05	8.408E+05	- .82	7.647E+05	8.31	7.647E+05	8.31
18	2.988E+03	7.540E+05	7.451E+05	1.18	6.769E+05	10.23	6.769E+05	10.23
19	2.995E+03	7.420E+05	7.410E+05	.13	6.731E+05	9.29	6.731E+05	9.29
20	3.130E+03	6.840E+05	6.882E+05	- .62	6.042E+05	11.67	6.042E+05	11.67
21	3.150E+03	6.770E+05	6.979E+05	-3.09	6.311E+05	6.78	6.311E+05	6.78
22	3.170E+03	6.910E+05	6.875E+05	.50	6.218E+05	10.01	6.218E+05	10.01
23	3.290E+03	6.420E+05	6.288E+05	2.06	5.699E+05	11.23	5.699E+05	11.23
24	3.320E+03	6.300E+05	6.152E+05	2.35	5.578E+05	11.45	5.578E+05	11.45
25	3.330E+03	6.210E+05	6.108E+05	1.64	5.539E+05	10.81	5.539E+05	10.81
26	3.440E+03	5.950E+05	5.833E+05	1.97	5.347E+05	10.14	5.347E+05	10.14
27	3.480E+03	5.850E+05	5.724E+05	2.16	5.203E+05	11.06	5.203E+05	11.06
28	3.600E+03	5.320E+05	5.287E+05	.62	4.802E+05	9.73	4.802E+05	9.73
29	3.670E+03	5.200E+05	5.052E+05	2.85	4.588E+05	11.76	4.588E+05	11.76
30	3.770E+03	4.800E+05	4.739E+05	1.26	4.305E+05	10.30	4.305E+05	10.30
31	3.840E+03	4.650E+05	4.536E+05	2.45	4.121E+05	11.37	4.121E+05	11.37

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1668	22	74PA1	7	8.85E+00	3.28E+00	3.28E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	3.300E+03	5.750E+05	6.242E+05	-8.56	5.658E+05	1.59	5.658E+05	1.59		
2	4.800E+03	2.560E+05	2.634E+05	-2.88	2.407E+05	5.97	2.407E+05	5.97		
3	5.900E+03	1.398E+05	1.573E+05	-12.55	1.450E+05	-3.72	1.450E+05	-3.72		
4	6.400E+03	1.201E+05	1.282E+05	-6.76	1.185E+05	1.35	1.185E+05	1.35		
5	7.100E+03	9.320E+04	9.869E+04	-5.89	9.142E+04	1.91	9.142E+04	1.91		
6	8.000E+03	6.510E+04	7.303E+04	-12.18	6.776E+04	-4.09	6.776E+04	-4.09		
7	8.900E+03	5.126E+04	5.584E+04	-8.93	5.182E+04	-1.10	5.182E+04	-1.10		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1669	9	9KA1	6	8.62E+00	4.37E+00	4.37E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.410E+03	1.658E+05	1.956E+05	-17.94	1.796E+05	-8.31	1.796E+05	-8.31		
2	6.400E+03	1.200E+05	1.282E+05	-6.85	1.185E+05	1.27	1.185E+05	1.27		
3	6.930E+03	1.001E+05	1.049E+05	-4.81	9.714E+04	2.96	9.714E+04	2.96		
4	7.480E+03	8.274E+04	8.653E+04	-4.58	8.022E+04	3.05	8.022E+04	3.05		
5	8.050E+03	6.868E+04	7.190E+04	-4.68	6.671E+04	2.87	6.671E+04	2.87		
6	8.640E+03	5.828E+04	6.017E+04	-3.23	5.584E+04	4.19	5.584E+04	4.19		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
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79	1670	13	36SC1	4	8.77E+00	1.35E+00	1.35E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.423E+03	1.770E+05	1.944E+05	-9.81	1.785E+05	-.86	1.785E+05	-.86	1.785E+05	-.86
2	6.479E+03	1.167E+05	1.243E+05	-6.53	1.149E+05	1.53	1.149E+05	1.53	1.149E+05	1.53
3	7.487E+03	7.960E+04	8.632E+04	-8.44	8.003E+04	-.54	8.003E+04	-.54	8.003E+04	-.54
4	8.650E+03	5.460E+04	5.999E+04	-9.87	5.568E+04	-1.97	5.568E+04	-1.97	5.568E+04	-1.97
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1671	31	29BA1	12	1.54E+00	6.65E+00	6.65E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.210E+03	1.395E+05	1.383E+05	.84	1.277E+05	8.46	1.277E+05	8.46	1.277E+05	8.46
2	6.510E+03	1.235E+05	1.228E+05	.55	1.136E+05	8.05	1.136E+05	8.05	1.136E+05	8.05
3	6.810E+03	1.103E+05	1.096E+05	.60	1.015E+05	8.00	1.015E+05	8.00	1.015E+05	8.00
4	7.130E+03	9.628E+04	9.763E+04	-1.41	9.046E+04	6.04	9.046E+04	6.04	9.046E+04	6.04
5	7.470E+03	8.664E+04	8.682E+04	-.21	8.049E+04	7.10	8.049E+04	7.10	8.049E+04	7.10
6	7.820E+03	7.702E+04	7.734E+04	-.41	7.175E+04	6.84	7.175E+04	6.84	7.175E+04	6.84
7	8.190E+03	6.816E+04	6.884E+04	-1.00	6.388E+04	6.28	6.388E+04	6.28	6.388E+04	6.28
8	8.380E+03	6.391E+04	6.498E+04	-1.67	6.030E+04	5.65	6.030E+04	5.65	6.030E+04	5.65
9	8.580E+03	6.047E+04	6.123E+04	-1.25	5.683E+04	6.03	5.683E+04	6.03	5.683E+04	6.03
10	8.980E+03	5.390E+04	5.460E+04	-1.30	5.067E+04	5.99	5.067E+04	5.99	5.067E+04	5.99
11	9.410E+03	4.814E+04	4.855E+04	-.86	4.504E+04	6.44	4.504E+04	6.44	4.504E+04	6.44
12	9.850E+03	4.157E+04	4.330E+04	-4.16	4.014E+04	3.45	4.014E+04	3.45	4.014E+04	3.45
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1672	4	74MA1	4	8.92E+00	2.32E+00	2.32E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	6.400E+03	1.177E+05	1.282E+05	-8.94	1.185E+05	-.66	1.185E+05	-.66	1.185E+05	-.66
2	7.472E+03	8.110E+04	8.676E+04	-6.98	8.044E+04	.82	8.044E+04	.82	8.044E+04	.82
3	8.041E+03	6.800E+04	7.210E+04	-6.03	6.690E+04	1.62	6.690E+04	1.62	6.690E+04	1.62
4	9.713E+03	3.990E+04	4.484E+04	-12.39	4.158E+04	-4.21	4.158E+04	-4.21	4.158E+04	-4.21
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1673	10	26AL1	4	2.84E+00	5.39E+00	5.39E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	7.490E+03	8.667E+04	8.623E+04	.50	7.995E+04	7.75	7.995E+04	7.75	7.995E+04	7.75
2	8.070E+03	6.868E+04	7.145E+04	-4.03	6.629E+04	3.47	6.629E+04	3.47	6.629E+04	3.47
3	8.660E+03	5.854E+04	5.981E+04	-2.17	5.552E+04	5.17	5.552E+04	5.17	5.552E+04	5.17
4	9.590E+03	4.481E+04	4.630E+04	-3.32	4.294E+04	4.18	4.294E+04	4.18	4.294E+04	4.18
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1676	19	59DE1	3	6.80E+00	1.17E+00	1.17E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.047E+03	6.796E+04	7.196E+04	-5.89	6.677E+04	1.75	6.677E+04	1.75	6.677E+04	1.75
2	8.904E+03	5.230E+04	5.577E+04	-6.64	5.177E+04	1.02	5.177E+04	1.02	5.177E+04	1.02
3	9.885E+03	3.983E+04	4.291E+04	-7.74	3.978E+04	.13	3.978E+04	.13	3.978E+04	.13
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1677	9	66BE1	2	4.84E+00	4.45E+00	4.45E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.048E+03	6.740E+04	7.194E+04	-6.74	6.675E+04	.96	6.675E+04	.96	6.675E+04	.96
2	1.000E+04	4.120E+04	4.169E+04	-1.18	3.864E+04	6.22	3.864E+04	6.22	3.864E+04	6.22
ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			

79	1678	40	41LA1	3	9.00E+00	1.12E+00	1.12E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.650E+03	5.517E+04	5.999E+04	-8.73	5.568E+04	-0.92	5.568E+04	-0.92	5.568E+04	-0.92
2	9.273E+03	4.624E+04	5.037E+04	-8.93	4.673E+04	-1.07	4.673E+04	-1.07	4.673E+04	-1.07
3	9.894E+03	3.917E+04	4.282E+04	-9.31	3.969E+04	-1.32	3.969E+04	-1.32	3.969E+04	-1.32

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
79	1679	21	60MA1	3	3.06E+00	4.74E+00	4.74E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	9.000E+03	5.330E+04	5.429E+04	-1.86	5.039E+04	5.47	5.039E+04	5.47	5.039E+04	5.47
2	9.500E+03	4.640E+04	4.740E+04	-2.16	4.397E+04	5.24	4.397E+04	5.24	4.397E+04	5.24
3	1.000E+04	3.990E+04	4.169E+04	-4.48	3.864E+04	3.17	3.864E+04	3.17	3.864E+04	3.17

IZ= 80

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
80	1709	19	31UB1	2	1.95E+00	5.26E+00	5.26E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.860E+03	5.829E+04	5.936E+04	-1.84	5.517E+04	5.36	5.517E+04	5.36	5.517E+04	5.36
2	9.540E+03	4.829E+04	4.928E+04	-2.05	4.580E+04	5.17	4.580E+04	5.17	4.580E+04	5.17

IZ= 81

IZ= 82

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
82	144	9	73HE1	2	3.11E+01	3.66E+01	3.66E+01			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	1.969E+06	1.258E+06	36.13	1.158E+06	41.17	1.158E+06	41.17	1.158E+06	41.17
2	1.487E+03	1.204E+06	9.014E+05	25.14	8.252E+05	31.46	8.252E+05	31.46	8.252E+05	31.46

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
82	146	1	75LU1	1	9.24E-01	9.30E+00	9.30E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.486E+03	9.110E+05	9.026E+05	.92	8.263E+05	9.30	8.263E+05	9.30	8.263E+05	9.30

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
82	147	27	70OR1	20	4.69E+00	5.51E+00	5.51E+00			
N	E		ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.487E+03	9.106E+05	9.014E+05	1.01	8.252E+05	9.38	8.252E+05	9.38	8.252E+05	9.38
2	1.740E+03	6.406E+05	6.520E+05	-1.79	5.956E+05	7.03	5.956E+05	7.03	5.956E+05	7.03
3	2.013E+03	4.572E+05	4.784E+05	-4.63	4.361E+05	4.60	4.361E+05	4.60	4.361E+05	4.60
4	2.307E+03	3.291E+05	3.551E+05	-7.90	3.242E+05	1.49	3.242E+05	1.49	3.242E+05	1.49
5	2.815E+03	7.655E+05	8.593E+05	-12.26	7.636E+05	.25	7.636E+05	.25	7.636E+05	.25
6	2.984E+03	6.965E+05	7.469E+05	-7.24	6.847E+05	1.70	6.847E+05	1.70	6.847E+05	1.70
7	3.313E+03	6.386E+05	6.718E+05	-5.19	6.115E+05	4.24	6.115E+05	4.24	6.115E+05	4.24
8	3.691E+03	5.329E+05	5.485E+05	-2.92	4.987E+05	6.42	4.987E+05	6.42	4.987E+05	6.42
9	4.012E+03	4.535E+05	4.686E+05	-3.33	4.275E+05	5.74	4.275E+05	5.74	4.275E+05	5.74
10	4.508E+03	3.495E+05	3.534E+05	-1.11	3.234E+05	7.47	3.234E+05	7.47	3.234E+05	7.47
11	4.949E+03	2.763E+05	2.811E+05	-1.74	2.576E+05	6.75	2.576E+05	6.75	2.576E+05	6.75



12	5.411E+03	2.181E+05	2.255E+05	-3.41	2.071E+05	5.02	2.071E+05	5.02
13	5.895E+03	1.791E+05	1.823E+05	-1.79	1.679E+05	6.26	1.679E+05	6.26
14	6.400E+03	1.467E+05	1.485E+05	-1.26	1.371E+05	6.55	1.371E+05	6.55
15	6.926E+03	1.206E+05	1.219E+05	-1.11	1.127E+05	6.54	1.127E+05	6.54
16	7.473E+03	9.870E+04	1.008E+05	-2.15	9.327E+04	5.50	9.327E+04	5.50
17	8.040E+03	8.264E+04	8.394E+04	-1.57	7.770E+04	5.98	7.770E+04	5.98
18	8.630E+03	6.839E+04	7.030E+04	-2.79	6.507E+04	4.85	6.507E+04	4.85
19	9.570E+03	5.167E+04	5.425E+04	-5.00	5.020E+04	2.85	5.020E+04	2.85
20	9.990E+03	4.582E+04	4.871E+04	-6.31	4.506E+04	1.66	4.506E+04	1.66

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
82	148	57	26AL1	7	2.82E+00	5.62E+00	5.62E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.410E+03	1.445E+05	1.480E+05	-2.40	1.366E+05	5.49	1.366E+05	5.49	5.49
2	7.040E+03	1.152E+05	1.170E+05	-1.60	1.082E+05	6.05	1.082E+05	6.05	6.05
3	7.490E+03	9.977E+04	1.002E+05	-.48	9.275E+04	7.04	9.275E+04	7.04	7.04
4	8.070E+03	7.913E+04	8.317E+04	-5.10	7.698E+04	2.72	7.698E+04	2.72	2.72
5	8.660E+03	6.949E+04	6.968E+04	-.27	6.451E+04	7.17	6.451E+04	7.17	7.17
6	8.930E+03	6.192E+04	6.453E+04	-4.21	5.973E+04	3.54	5.973E+04	3.54	3.54
7	9.590E+03	5.298E+04	5.397E+04	-1.86	4.994E+04	5.75	4.994E+04	5.75	5.75

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
82	149	17	36SE1	3	1.08E+00	6.72E+00	6.72E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	6.479E+03	1.431E+05	1.441E+05	-.68	1.330E+05	7.06	1.330E+05	7.06	7.06
2	8.058E+03	8.325E+04	8.348E+04	-.27	7.727E+04	7.19	7.727E+04	7.19	7.19
3	8.650E+03	6.870E+04	6.988E+04	-1.72	6.470E+04	5.83	6.470E+04	5.83	5.83

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
82	150	20	69DE1	7	6.30E+00	2.45E+00	2.45E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	7.058E+03	1.135E+05	1.163E+05	-2.48	1.075E+05	5.25	1.075E+05	5.25	5.25
2	8.000E+03	8.064E+04	8.500E+04	-5.40	7.867E+04	2.44	7.867E+04	2.44	2.44
3	8.398E+03	7.115E+04	7.527E+04	-5.78	6.967E+04	2.08	6.967E+04	2.08	2.08
4	9.000E+03	5.941E+04	6.327E+04	-6.50	5.857E+04	1.42	5.857E+04	1.42	1.42
5	9.500E+03	5.188E+04	5.525E+04	-6.50	5.113E+04	1.44	5.113E+04	1.44	1.44
6	9.962E+03	4.548E+04	4.906E+04	-7.87	4.538E+04	.22	4.538E+04	.22	.22
7	1.000E+04	4.503E+04	4.859E+04	-7.90	4.495E+04	.18	4.495E+04	.18	.18

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
82	151	13	74PA1	2	5.34E+00	2.56E+00	2.56E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.000E+03	8.030E+04	8.500E+04	-5.85	7.867E+04	2.02	7.867E+04	2.02	2.02
2	8.900E+03	6.210E+04	6.506E+04	-4.77	6.023E+04	3.01	6.023E+04	3.01	3.01

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
82	152	10	32KU1	1	8.52E+00	4.59E-01	4.59E-01		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	8.650E+03	6.440E+04	6.988E+04	-8.52	6.470E+04	-.46	6.470E+04	-.46	-.46

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
82	145	27	66HU1	27	8.79E+00	5.86E+00	5.86E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR

1	1.254E+03	1.297E+06	1.258E+06	3.04	1.158E+06	10.69	1.158E+06	10.69
2	1.487E+03	9.082E+05	9.014E+05	.75	8.252E+05	9.14	8.252E+05	9.14
3	1.739E+03	6.433E+05	6.528E+05	-1.48	5.963E+05	7.30	5.963E+05	7.30
4	2.043E+03	4.438E+05	4.635E+05	-4.44	4.224E+05	4.82	4.224E+05	4.82
5	2.293E+03	3.378E+05	3.600E+05	-6.57	3.286E+05	2.73	3.286E+05	2.73
6	2.346E+03	3.179E+05	3.421E+05	-7.63	3.125E+05	1.70	3.125E+05	1.70
7	2.395E+03	2.986E+05	3.267E+05	-9.40	2.986E+05	.00	2.986E+05	.00
8	2.422E+03	2.883E+05	3.186E+05	-10.50	2.913E+05	-1.04	2.913E+05	-1.04
9	2.443E+03	2.818E+05	3.125E+05	-10.88	2.858E+05	-1.42	2.858E+05	-1.42
10	2.526E+03	6.296E+05	7.681E+05	-22.00	5.620E+05	10.74	5.620E+05	10.74
11	2.558E+03	6.365E+05	7.451E+05	-17.06	6.234E+05	2.06	6.234E+05	2.06
12	2.684E+03	8.326E+05	9.636E+05	-15.74	8.109E+05	2.61	8.109E+05	2.61
13	2.697E+03	8.291E+05	9.524E+05	-14.87	8.066E+05	2.72	8.066E+05	2.72
14	2.838E+03	7.603E+05	8.426E+05	-10.82	7.542E+05	.81	7.542E+05	.81
15	2.985E+03	6.812E+05	7.463E+05	-9.56	6.841E+05	-.43	6.841E+05	-.43
16	3.134E+03	7.121E+05	7.689E+05	-7.98	7.003E+05	1.66	7.003E+05	1.66
17	3.171E+03	6.881E+05	7.473E+05	-8.60	6.805E+05	1.10	6.805E+05	1.10
18	3.488E+03	5.711E+05	5.928E+05	-3.81	5.390E+05	5.62	5.390E+05	5.62
19	3.605E+03	5.728E+05	5.804E+05	-1.33	5.273E+05	7.95	5.273E+05	7.95
20	3.663E+03	5.367E+05	5.586E+05	-4.08	5.077E+05	5.39	5.077E+05	5.39
21	3.768E+03	5.092E+05	5.220E+05	-2.51	4.749E+05	6.74	4.749E+05	6.74
22	4.089E+03	4.366E+05	4.476E+05	-2.52	4.087E+05	6.39	4.087E+05	6.39
23	4.510E+03	3.513E+05	3.530E+05	-.48	3.230E+05	8.04	3.230E+05	8.04
24	4.949E+03	2.794E+05	2.811E+05	-.61	2.576E+05	7.78	2.576E+05	7.78
25	5.414E+03	2.226E+05	2.252E+05	-1.17	2.069E+05	7.07	2.069E+05	7.07
26	5.898E+03	1.810E+05	1.821E+05	-.60	1.677E+05	7.36	1.677E+05	7.36
27	6.930E+03	1.221E+05	1.218E+05	.27	1.125E+05	7.82	1.125E+05	7.82

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
83	1729	30	66HU1	30	1.36E+01	1.09E+01	1.09E+01			
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.254E+03	1.391E+06	1.323E+06	4.85	1.222E+06	12.15	1.222E+06	12.15	12.15	
2	1.487E+03	9.681E+05	9.501E+05	1.86	8.715E+05	9.98	8.715E+05	9.98	9.98	
3	1.739E+03	6.794E+05	6.888E+05	-1.39	6.302E+05	7.24	6.302E+05	7.24	7.24	
4	1.922E+03	5.434E+05	5.565E+05	-2.41	5.094E+05	6.26	5.094E+05	6.26	6.26	
5	2.043E+03	4.709E+05	4.884E+05	-3.72	4.466E+05	5.16	4.466E+05	5.16	5.16	
6	2.166E+03	4.115E+05	4.295E+05	-4.38	3.935E+05	4.39	3.935E+05	4.39	4.39	
7	2.293E+03	3.581E+05	3.782E+05	-5.62	3.474E+05	2.97	3.474E+05	2.97	2.97	
8	2.422E+03	3.109E+05	3.340E+05	-7.44	3.081E+05	.90	3.081E+05	.90	.90	
9	2.526E+03	2.759E+05	3.032E+05	-9.88	2.808E+05	-1.78	2.808E+05	-1.78	-1.78	
10	2.558E+03	2.682E+05	2.944E+05	-9.78	2.731E+05	-1.82	2.731E+05	-1.82	-1.82	
11	2.697E+03	5.916E+05	9.922E+05	-67.71	8.899E+05	-50.42	8.899E+05	-50.42	-50.42	
12	2.838E+03	7.658E+05	8.762E+05	-14.41	8.049E+05	-5.10	8.049E+05	-5.10	-5.10	
13	2.985E+03	7.079E+05	7.747E+05	-9.44	7.210E+05	-1.86	7.210E+05	-1.86	-1.86	
14	3.134E+03	6.242E+05	6.881E+05	-10.23	6.380E+05	-2.22	6.380E+05	-2.22	-2.22	
15	3.171E+03	6.374E+05	7.237E+05	-13.54	6.186E+05	2.96	6.186E+05	2.96	2.96	
16	3.316E+03	6.687E+05	6.972E+05	-4.26	6.390E+05	4.44	6.390E+05	4.44	4.44	
17	3.444E+03	6.229E+05	6.355E+05	-2.03	5.821E+05	6.55	5.821E+05	6.55	6.55	
18	3.605E+03	5.639E+05	5.684E+05	-.80	5.210E+05	7.61	5.210E+05	7.61	7.61	
19	3.663E+03	5.410E+05	5.467E+05	-1.05	5.015E+05	7.31	5.015E+05	7.31	7.31	



20	3.843E+03	5.104E+05	5.155E+05	-1.00	4.762E+05	6.69	4.762E+05	6.69
21	3.905E+03	4.896E+05	4.959E+05	-1.29	4.584E+05	6.37	4.584E+05	6.37
22	4.089E+03	4.556E+05	4.614E+05	-1.26	4.238E+05	6.99	4.238E+05	6.99
23	4.510E+03	3.591E+05	3.661E+05	-1.96	3.331E+05	7.23	3.331E+05	7.23
24	5.414E+03	2.332E+05	2.348E+05	-.70	2.174E+05	6.78	2.174E+05	6.78
25	5.898E+03	1.870E+05	1.900E+05	-1.60	1.758E+05	5.97	1.758E+05	5.97
26	6.404E+03	1.530E+05	1.547E+05	-1.13	1.433E+05	6.34	1.433E+05	6.34
27	6.930E+03	1.242E+05	1.269E+05	-2.21	1.178E+05	5.12	1.178E+05	5.12
28	7.478E+03	1.020E+05	1.048E+05	-2.78	9.760E+04	4.31	9.760E+04	4.31
29	8.040E+03	8.432E+04	8.734E+04	-3.58	8.152E+04	3.33	8.152E+04	3.33
30	8.640E+03	7.079E+04	7.286E+04	-2.92	6.810E+04	3.79	6.810E+04	3.79

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
83	1730	18	36SC1	4	3.64E+00	6.50E+00	6.50E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.423E+03	2.363E+05	2.339E+05	1.03	2.165E+05	8.38	2.165E+05	8.38	
2	6.479E+03	1.537E+05	1.503E+05	2.22	1.392E+05	9.42	1.392E+05	9.42	
3	7.487E+03	9.987E+04	1.045E+05	-4.65	9.731E+04	2.56	9.731E+04	2.56	
4	8.650E+03	6.916E+04	7.264E+04	-5.03	6.791E+04	1.81	6.791E+04	1.81	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
83	1731	19	34CA1	3	8.74E+00	2.96E+00	2.96E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	8.048E+03	7.811E+04	8.712E+04	-11.54	8.131E+04	-4.10	8.131E+04	-4.10	
2	8.930E+03	6.159E+04	6.705E+04	-8.86	6.270E+04	-1.80	6.270E+04	-1.80	
3	9.713E+03	5.208E+04	5.428E+04	-4.22	5.077E+04	2.51	5.077E+04	2.51	

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IZ= 85

IZ= 86

IZ= 87

IZ= 88

IZ= 89

IZ= 90

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
90	1746	8	67BE1	6	6.90E+00	4.14E+00	4.14E+00		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.400E+03	3.070E+05	3.306E+05	-7.67	2.957E+05	3.69	2.957E+05	3.69	
2	5.940E+03	2.480E+05	2.620E+05	-5.63	2.347E+05	5.35	2.347E+05	5.35	
3	6.400E+03	2.070E+05	2.179E+05	-5.28	1.958E+05	5.42	1.958E+05	5.42	
4	7.060E+03	1.626E+05	1.707E+05	-4.96	1.540E+05	5.28	1.540E+05	5.28	
5	8.040E+03	1.137E+05	1.232E+05	-8.32	1.118E+05	1.63	1.118E+05	1.63	
6	8.900E+03	8.780E+04	9.532E+04	-8.57	8.697E+04	.95	8.697E+04	.95	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
90	1747	12	59R01	8	1.88E+01	2.67E+01	2.67E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	5.411E+03	4.050E+05	3.289E+05	18.78	2.942E+05	27.35	2.942E+05	27.35		
2	5.946E+03	3.130E+05	2.613E+05	16.52	2.342E+05	25.19	2.342E+05	25.19		
3	6.399E+03	2.660E+05	2.180E+05	18.04	1.959E+05	26.37	1.959E+05	26.37		
4	6.925E+03	2.165E+05	1.791E+05	17.27	1.615E+05	25.42	1.615E+05	25.42		
5	7.057E+03	2.130E+05	1.708E+05	19.79	1.542E+05	27.62	1.542E+05	27.62		
6	7.649E+03	1.711E+05	1.396E+05	18.40	1.265E+05	26.08	1.265E+05	26.08		
7	8.023E+03	1.545E+05	1.238E+05	19.87	1.124E+05	27.23	1.124E+05	27.23		
8	8.904E+03	1.210E+05	9.521E+04	21.31	8.687E+04	28.20	8.687E+04	28.20		

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
90	1748	6	69DE1	4	2.98E+00	7.05E+00	7.05E+00			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	7.058E+03	1.707E+05	1.708E+05	-.05	1.541E+05	9.71	1.541E+05	9.71		
2	8.000E+03	1.216E+05	1.247E+05	-2.56	1.132E+05	6.88	1.132E+05	6.88		
3	9.000E+03	9.035E+04	9.268E+04	-2.57	8.459E+04	6.37	8.459E+04	6.37		
4	9.962E+03	6.850E+04	7.173E+04	-4.72	6.572E+04	4.06	6.572E+04	4.06		

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ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
92	1759	210	81DE1	164	2.07E+01	1.10E+01	1.10E+01			
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR		
1	1.006E+03	2.557E+06	2.557E+06	.00	2.592E+06	-1.36	2.592E+06	-1.36		
2	1.016E+03	2.533E+06	2.515E+06	.73	2.547E+06	-.54	2.547E+06	-.54		
3	1.026E+03	2.511E+06	2.474E+06	1.48	2.503E+06	.33	2.503E+06	.33		
4	1.036E+03	2.509E+06	2.433E+06	3.03	2.460E+06	1.97	2.460E+06	1.97		
5	1.046E+03	2.525E+06	2.400E+06	4.94	2.572E+06	-1.87	2.572E+06	-1.87		
6	1.056E+03	2.543E+06	2.375E+06	6.59	2.528E+06	.59	2.528E+06	.59		
7	1.066E+03	2.488E+06	2.351E+06	5.53	2.485E+06	.12	2.485E+06	.12		
8	1.076E+03	2.451E+06	2.327E+06	5.07	2.443E+06	.32	2.443E+06	.32		
9	1.086E+03	2.403E+06	2.303E+06	4.15	2.402E+06	.03	2.402E+06	.03		
10	1.097E+03	2.353E+06	2.278E+06	3.20	2.359E+06	-.24	2.359E+06	-.24		
11	1.107E+03	2.334E+06	2.255E+06	3.38	2.320E+06	.61	2.320E+06	.61		
12	1.117E+03	2.290E+06	2.233E+06	2.50	2.282E+06	.35	2.282E+06	.35		
13	1.127E+03	2.256E+06	2.211E+06	1.99	2.245E+06	.48	2.245E+06	.48		
14	1.137E+03	2.228E+06	2.190E+06	1.72	2.209E+06	.85	2.209E+06	.85		
15	1.147E+03	2.212E+06	2.168E+06	1.97	2.174E+06	1.73	2.174E+06	1.73		
16	1.157E+03	2.174E+06	2.148E+06	1.19	2.139E+06	1.60	2.139E+06	1.60		
17	1.167E+03	2.135E+06	2.128E+06	.33	2.105E+06	1.39	2.105E+06	1.39		
18	1.178E+03	2.101E+06	2.106E+06	-.23	2.069E+06	1.52	2.069E+06	1.52		
19	1.188E+03	2.056E+06	2.087E+06	-1.49	2.037E+06	.93	2.037E+06	.93		
20	1.198E+03	2.056E+06	2.067E+06	-.55	2.005E+06	2.47	2.005E+06	2.47		
21	1.200E+03	2.069E+06	2.063E+06	.27	1.999E+06	3.38	1.999E+06	3.38		
22	1.210E+03	2.009E+06	2.045E+06	-1.78	1.968E+06	2.03	1.968E+06	2.03		
23	1.220E+03	1.930E+06	2.026E+06	-5.00	1.938E+06	-.41	1.938E+06	-.41		



24	1.230E+03	1.927E+06	2.008E+06	-4.21	1.908E+06	.97	1.908E+06	.97
25	1.240E+03	1.914E+06	1.989E+06	-3.91	1.879E+06	1.81	1.879E+06	1.81
26	1.250E+03	1.934E+06	1.969E+06	-1.82	1.851E+06	4.30	1.851E+06	4.30
27	1.260E+03	1.890E+06	1.950E+06	-3.16	1.823E+06	3.55	1.823E+06	3.55
28	1.270E+03	1.850E+06	1.928E+06	-4.19	1.796E+06	2.94	1.796E+06	2.94
29	1.280E+03	1.815E+06	1.904E+06	-4.93	1.793E+06	1.20	1.793E+06	1.20
30	1.290E+03	1.811E+06	1.881E+06	-3.89	1.766E+06	2.46	1.766E+06	2.46
31	1.300E+03	1.790E+06	1.859E+06	-3.86	1.740E+06	2.79	1.740E+06	2.79
32	1.310E+03	1.767E+06	1.837E+06	-3.98	1.714E+06	2.98	1.714E+06	2.98
33	1.320E+03	1.724E+06	1.816E+06	-5.31	1.689E+06	2.01	1.689E+06	2.01
34	1.340E+03	1.676E+06	1.774E+06	-5.85	1.641E+06	2.12	1.641E+06	2.12
35	1.350E+03	1.685E+06	1.754E+06	-4.07	1.617E+06	4.04	1.617E+06	4.04
36	1.360E+03	1.656E+06	1.733E+06	-4.67	1.594E+06	3.76	1.594E+06	3.76
37	1.370E+03	1.634E+06	1.714E+06	-4.91	1.571E+06	3.86	1.571E+06	3.86
38	1.380E+03	1.616E+06	1.695E+06	-4.89	1.549E+06	4.16	1.549E+06	4.16
39	1.390E+03	1.562E+06	1.676E+06	-7.28	1.527E+06	2.25	1.527E+06	2.25
40	1.400E+03	1.582E+06	1.657E+06	-4.77	1.505E+06	4.84	1.505E+06	4.84
41	1.410E+03	1.560E+06	1.639E+06	-5.09	1.484E+06	4.85	1.484E+06	4.85
42	1.420E+03	1.506E+06	1.621E+06	-7.66	1.464E+06	2.81	1.464E+06	2.81
43	1.430E+03	1.520E+06	1.604E+06	-5.51	1.443E+06	5.04	1.443E+06	5.04
44	1.440E+03	1.456E+06	1.587E+06	-8.98	1.423E+06	2.24	1.423E+06	2.24
45	1.450E+03	1.473E+06	1.570E+06	-6.57	1.431E+06	2.84	1.431E+06	2.84
46	1.460E+03	1.458E+06	1.553E+06	-6.51	1.411E+06	3.20	1.411E+06	3.20
47	1.470E+03	1.427E+06	1.536E+06	-7.63	1.392E+06	2.44	1.392E+06	2.44
48	1.487E+03	1.399E+06	1.507E+06	-7.71	1.360E+06	2.77	1.360E+06	2.77
49	1.500E+03	1.367E+06	1.484E+06	-8.57	1.336E+06	2.23	1.336E+06	2.23
50	1.510E+03	1.364E+06	1.465E+06	-7.43	1.319E+06	3.33	1.319E+06	3.33
51	1.520E+03	1.317E+06	1.447E+06	-9.83	1.301E+06	1.20	1.301E+06	1.20
52	1.530E+03	1.317E+06	1.428E+06	-8.41	1.284E+06	2.51	1.284E+06	2.51
53	1.540E+03	1.329E+06	1.410E+06	-6.08	1.267E+06	4.66	1.267E+06	4.66
54	1.557E+03	1.286E+06	1.380E+06	-7.32	1.239E+06	3.64	1.239E+06	3.64
55	1.570E+03	1.241E+06	1.357E+06	-9.38	1.218E+06	1.82	1.218E+06	1.82
56	1.580E+03	1.207E+06	1.341E+06	-11.11	1.203E+06	.35	1.203E+06	.35
57	1.590E+03	1.192E+06	1.325E+06	-11.14	1.187E+06	.39	1.187E+06	.39
58	1.600E+03	1.196E+06	1.309E+06	-9.41	1.172E+06	1.98	1.172E+06	1.98
59	1.620E+03	1.189E+06	1.277E+06	-7.42	1.143E+06	3.88	1.143E+06	3.88
60	1.640E+03	1.152E+06	1.247E+06	-8.24	1.115E+06	3.25	1.115E+06	3.25
61	1.660E+03	1.139E+06	1.218E+06	-6.92	1.087E+06	4.55	1.087E+06	4.55
62	1.680E+03	1.116E+06	1.190E+06	-6.59	1.061E+06	4.95	1.061E+06	4.95
63	1.700E+03	1.074E+06	1.163E+06	-8.24	1.035E+06	3.61	1.035E+06	3.61
64	1.720E+03	1.042E+06	1.136E+06	-9.04	1.010E+06	3.02	1.010E+06	3.02
65	1.740E+03	1.020E+06	1.110E+06	-8.87	9.866E+05	3.27	9.866E+05	3.27
66	1.760E+03	1.008E+06	1.085E+06	-7.66	9.636E+05	4.41	9.636E+05	4.41
67	1.775E+03	9.766E+05	1.066E+06	-9.20	9.467E+05	3.06	9.467E+05	3.06
68	1.835E+03	9.047E+05	9.968E+05	-10.19	8.834E+05	2.35	8.834E+05	2.35
69	2.000E+03	7.517E+05	8.360E+05	-11.21	7.371E+05	1.95	7.371E+05	1.95
70	2.040E+03	7.126E+05	8.032E+05	-12.72	7.067E+05	.83	7.067E+05	.83
71	2.293E+03	5.458E+05	6.275E+05	-14.97	5.498E+05	-.73	5.498E+05	-.73
72	2.500E+03	4.569E+05	5.204E+05	-13.90	4.553E+05	.35	4.553E+05	.35
73	2.800E+03	3.506E+05	4.045E+05	-15.38	3.545E+05	-1.12	3.545E+05	-1.12
74	3.000E+03	2.897E+05	3.457E+05	-19.34	3.040E+05	-4.93	3.040E+05	-4.93
75	3.200E+03	2.513E+05	2.976E+05	-18.43	2.630E+05	-4.66	2.630E+05	-4.66
76	3.500E+03	1.977E+05	2.405E+05	-21.65	2.148E+05	-8.66	2.148E+05	-8.66

77	3.520E+03	1.935E+05	2.372E+05	-22.60	2.121E+05	-9.59	2.121E+05	-9.59
78	3.528E+03	1.984E+05	2.359E+05	-18.91	2.110E+05	-6.34	2.110E+05	-6.34
79	3.538E+03	2.314E+05	2.343E+05	-1.25	2.096E+05	9.41	2.096E+05	9.41
80	3.547E+03	4.913E+05	2.827E+05	42.47	2.084E+05	57.58	2.084E+05	57.58
81	3.552E+03	7.719E+05	3.174E+05	58.88	5.001E+05	35.21	5.001E+05	35.21
82	3.556E+03	8.327E+05	3.453E+05	58.54	4.986E+05	40.12	4.986E+05	40.12
83	3.561E+03	7.703E+05	3.800E+05	50.66	4.967E+05	35.52	4.967E+05	35.52
84	3.565E+03	6.245E+05	4.079E+05	34.69	4.951E+05	20.71	4.951E+05	20.71
85	3.569E+03	4.419E+05	4.357E+05	1.41	4.936E+05	-11.70	4.936E+05	-11.70
86	3.574E+03	4.245E+05	4.705E+05	-10.83	4.917E+05	-15.83	4.917E+05	-15.83
87	3.578E+03	4.217E+05	4.983E+05	-18.16	4.902E+05	-16.24	4.902E+05	-16.24
88	3.584E+03	4.284E+05	5.400E+05	-26.06	4.880E+05	-13.90	4.880E+05	-13.90
89	3.594E+03	4.276E+05	5.509E+05	-28.83	4.842E+05	-13.24	4.842E+05	-13.24
90	3.603E+03	4.154E+05	5.475E+05	-31.79	4.809E+05	-15.77	4.809E+05	-15.77
91	3.613E+03	4.047E+05	5.436E+05	-34.33	4.773E+05	-17.94	4.773E+05	-17.94
92	3.623E+03	4.110E+05	5.398E+05	-31.34	4.737E+05	-15.26	4.737E+05	-15.26
93	3.632E+03	4.075E+05	5.364E+05	-31.63	4.705E+05	-15.47	4.705E+05	-15.47
94	3.642E+03	4.110E+05	5.327E+05	-29.62	4.671E+05	-13.64	4.671E+05	-13.64
95	3.652E+03	3.964E+05	5.291E+05	-33.47	4.636E+05	-16.96	4.636E+05	-16.96
96	3.662E+03	3.938E+05	5.254E+05	-33.43	4.602E+05	-16.87	4.602E+05	-16.87
97	3.672E+03	3.945E+05	5.218E+05	-32.27	4.569E+05	-15.82	4.569E+05	-15.82
98	3.682E+03	3.851E+05	5.266E+05	-36.75	4.537E+05	-17.80	4.537E+05	-17.80
99	3.692E+03	3.795E+05	5.654E+05	-48.98	4.504E+05	-18.69	4.504E+05	-18.69
100	3.702E+03	3.722E+05	6.041E+05	-62.31	4.473E+05	-20.17	4.473E+05	-20.17
101	3.713E+03	4.201E+05	6.467E+05	-53.95	4.439E+05	-5.66	4.439E+05	-5.66
102	3.723E+03	6.754E+05	6.855E+05	-1.49	4.408E+05	34.73	4.408E+05	34.73
103	3.733E+03	7.446E+05	7.068E+05	5.07	6.229E+05	16.35	6.229E+05	16.35
104	3.744E+03	5.687E+05	7.017E+05	-23.38	6.183E+05	-8.73	6.183E+05	-8.73
105	3.754E+03	5.379E+05	6.970E+05	-29.57	6.143E+05	-14.20	6.143E+05	-14.20
106	3.765E+03	5.395E+05	6.918E+05	-28.23	6.098E+05	-13.04	6.098E+05	-13.04
107	3.775E+03	5.308E+05	6.871E+05	-29.45	6.058E+05	-14.14	6.058E+05	-14.14
108	3.786E+03	5.284E+05	6.821E+05	-29.09	6.015E+05	-13.83	6.015E+05	-13.83
109	3.797E+03	5.272E+05	6.772E+05	-28.45	5.972E+05	-13.27	5.972E+05	-13.27
110	3.807E+03	5.359E+05	6.727E+05	-25.52	5.933E+05	-10.71	5.933E+05	-10.71
111	3.818E+03	5.249E+05	6.677E+05	-27.21	5.891E+05	-12.23	5.891E+05	-12.23
112	3.829E+03	5.126E+05	6.628E+05	-29.31	5.849E+05	-14.10	5.849E+05	-14.10
113	3.840E+03	5.134E+05	6.581E+05	-28.19	5.808E+05	-13.12	5.808E+05	-13.12
114	3.851E+03	5.134E+05	6.534E+05	-27.27	5.767E+05	-12.32	5.767E+05	-12.32
115	3.862E+03	5.043E+05	6.487E+05	-28.63	5.726E+05	-13.55	5.726E+05	-13.55
116	3.873E+03	5.023E+05	6.440E+05	-28.21	5.686E+05	-13.20	5.686E+05	-13.20
117	3.884E+03	4.956E+05	6.394E+05	-29.02	5.646E+05	-13.93	5.646E+05	-13.93
118	3.896E+03	4.992E+05	6.345E+05	-27.10	5.604E+05	-12.25	5.604E+05	-12.25
119	3.907E+03	4.944E+05	6.300E+05	-27.42	5.565E+05	-12.56	5.565E+05	-12.56
120	3.918E+03	4.901E+05	6.255E+05	-27.62	5.526E+05	-12.76	5.526E+05	-12.76
121	3.930E+03	4.921E+05	6.206E+05	-26.11	5.485E+05	-11.46	5.485E+05	-11.46
122	3.941E+03	4.952E+05	6.163E+05	-24.46	5.447E+05	-10.00	5.447E+05	-10.00
123	3.952E+03	4.861E+05	6.120E+05	-25.90	5.410E+05	-11.30	5.410E+05	-11.30
124	3.964E+03	4.893E+05	6.073E+05	-24.12	5.370E+05	-9.75	5.370E+05	-9.75
125	3.975E+03	4.802E+05	6.030E+05	-25.57	5.334E+05	-11.07	5.334E+05	-11.07
126	3.987E+03	4.766E+05	5.984E+05	-25.57	5.294E+05	-11.09	5.294E+05	-11.09
127	4.000E+03	4.727E+05	5.936E+05	-25.57	5.252E+05	-11.12	5.252E+05	-11.12
128	4.025E+03	4.648E+05	5.842E+05	-25.70	5.173E+05	-11.30	5.173E+05	-11.30
129	4.044E+03	4.664E+05	5.774E+05	-23.79	5.114E+05	-9.65	5.114E+05	-9.65



130	4.064E+03	4.565E+05	5.702E+05	-24.91	5.053E+05	-10.69	5.053E+05	-10.69
131	4.083E+03	4.498E+05	5.634E+05	-25.27	4.996E+05	-11.07	4.996E+05	-11.07
132	4.103E+03	4.490E+05	5.566E+05	-23.97	4.937E+05	-9.95	4.937E+05	-9.95
133	4.122E+03	4.458E+05	5.501E+05	-23.41	4.881E+05	-9.50	4.881E+05	-9.50
134	4.141E+03	4.510E+05	5.437E+05	-20.56	4.827E+05	-7.03	4.827E+05	-7.03
135	4.161E+03	4.415E+05	5.372E+05	-21.68	4.770E+05	-8.05	4.770E+05	-8.05
136	4.180E+03	4.292E+05	5.310E+05	-23.73	4.717E+05	-9.91	4.717E+05	-9.91
137	4.200E+03	4.300E+05	5.247E+05	-22.01	4.662E+05	-8.43	4.662E+05	-8.43
138	4.210E+03	4.265E+05	5.215E+05	-22.28	4.635E+05	-8.68	4.635E+05	-8.68
139	4.220E+03	4.249E+05	5.184E+05	-22.01	4.608E+05	-8.45	4.608E+05	-8.45
140	4.240E+03	4.296E+05	5.122E+05	-19.23	4.554E+05	-6.02	4.554E+05	-6.02
141	4.260E+03	4.174E+05	5.062E+05	-21.27	4.502E+05	-7.85	4.502E+05	-7.85
142	4.270E+03	4.233E+05	5.032E+05	-18.88	4.475E+05	-5.72	4.475E+05	-5.72
143	4.280E+03	4.158E+05	5.003E+05	-20.31	4.449E+05	-7.00	4.449E+05	-7.00
144	4.290E+03	4.272E+05	4.973E+05	-16.40	4.423E+05	-3.54	4.423E+05	-3.54
145	4.300E+03	4.312E+05	4.943E+05	-14.64	4.398E+05	-1.98	4.398E+05	-1.98
146	4.310E+03	4.553E+05	5.046E+05	-10.84	5.086E+05	-11.70	5.086E+05	-11.70
147	4.320E+03	4.719E+05	5.164E+05	-9.44	5.057E+05	-7.16	5.057E+05	-7.16
148	4.330E+03	4.723E+05	5.282E+05	-11.84	5.028E+05	-6.45	5.028E+05	-6.45
149	4.340E+03	4.683E+05	5.400E+05	-15.32	4.999E+05	-6.75	4.999E+05	-6.75
150	4.350E+03	4.616E+05	5.518E+05	-19.55	4.971E+05	-7.69	4.971E+05	-7.69
151	4.360E+03	4.664E+05	5.592E+05	-19.89	4.943E+05	-5.98	4.943E+05	-5.98
152	4.370E+03	4.628E+05	5.560E+05	-20.14	4.915E+05	-6.20	4.915E+05	-6.20
153	4.380E+03	4.541E+05	5.529E+05	-21.76	4.887E+05	-7.62	4.887E+05	-7.62
154	4.390E+03	4.664E+05	5.498E+05	-17.87	4.860E+05	-4.20	4.860E+05	-4.20
155	4.400E+03	4.600E+05	5.466E+05	-18.83	4.832E+05	-5.05	4.832E+05	-5.05
156	4.410E+03	4.521E+05	5.435E+05	-20.22	4.805E+05	-6.29	4.805E+05	-6.29
157	5.000E+03	3.349E+05	3.977E+05	-18.76	3.514E+05	-4.92	3.514E+05	-4.92
158	5.116E+03	3.176E+05	3.757E+05	-18.28	3.315E+05	-4.39	3.315E+05	-4.39
159	5.415E+03	2.938E+05	3.473E+05	-18.22	3.055E+05	-3.97	3.055E+05	-3.97
160	5.947E+03	2.440E+05	2.879E+05	-17.97	2.538E+05	-4.00	2.538E+05	-4.00
161	6.000E+03	2.394E+05	2.817E+05	-17.68	2.484E+05	-3.75	2.484E+05	-3.75
162	8.000E+03	1.197E+05	1.381E+05	-15.40	1.228E+05	-2.61	1.228E+05	-2.61
163	9.961E+03	7.213E+04	7.962E+04	-10.39	7.147E+04	.92	7.147E+04	.92
164	1.000E+04	7.146E+04	7.883E+04	-10.31	7.078E+04	.95	7.078E+04	.95

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR			
92	1760	11	73DE1	11	7.96E+00	7.89E+00	7.89E+00			
N	E		ATEX	ATTH	PEH	ATTHS	PES	ATTHSR	PESR	
1	1.000E+03	2.652E+06	2.583E+06	2.62	2.619E+06	1.23	2.619E+06	1.23	1.23	
2	1.500E+03	1.502E+06	1.484E+06	1.19	1.336E+06	11.02	1.336E+06	11.02	11.02	
3	1.775E+03	1.063E+06	1.066E+06	-.32	9.467E+05	10.94	9.467E+05	10.94	10.94	
4	2.000E+03	8.260E+05	8.360E+05	-1.21	7.371E+05	10.77	7.371E+05	10.77	10.77	
5	2.293E+03	6.130E+05	6.275E+05	-2.37	5.498E+05	10.32	5.498E+05	10.32	10.32	
6	3.000E+03	3.260E+05	3.457E+05	-6.05	3.040E+05	6.76	3.040E+05	6.76	6.76	
7	3.520E+03	2.200E+05	2.372E+05	-7.83	2.121E+05	3.61	2.121E+05	3.61	3.61	
8	4.000E+03	4.880E+05	5.936E+05	-21.64	5.252E+05	-7.63	5.252E+05	-7.63	-7.63	
9	5.000E+03	3.750E+05	3.977E+05	-6.06	3.514E+05	6.30	3.514E+05	6.30	6.30	
10	6.000E+03	2.660E+05	2.817E+05	-5.91	2.484E+05	6.63	2.484E+05	6.63	6.63	
11	9.961E+03	7.470E+04	7.962E+04	-6.59	7.147E+04	4.33	7.147E+04	4.33	4.33	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR
92	1761	1	74RA1	1	1.88E+01	2.36E+01	2.36E+01

N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	1.282E+03	2.340E+06	1.900E+06	18.81	1.788E+06	23.59	1.788E+06	23.59

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
92	1762	25	67BE1	14	3.26E+01	1.93E+01	1.93E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.100E+03	2.470E+05	3.205E+05	-29.75	2.824E+05	-14.35	2.824E+05	-14.35	
2	3.400E+03	2.075E+05	2.578E+05	-24.25	2.294E+05	-10.55	2.294E+05	-10.55	
3	3.600E+03	3.620E+05	5.486E+05	-51.55	4.820E+05	-33.16	4.820E+05	-33.16	
4	3.800E+03	4.210E+05	6.758E+05	-60.53	5.960E+05	-41.57	5.960E+05	-41.57	
5	4.200E+03	3.580E+05	5.247E+05	-46.55	4.662E+05	-30.23	4.662E+05	-30.23	
6	4.500E+03	3.670E+05	5.169E+05	-40.85	4.571E+05	-24.56	4.571E+05	-24.56	
7	5.000E+03	2.980E+05	3.977E+05	-33.46	3.514E+05	-17.92	3.514E+05	-17.92	
8	5.400E+03	2.740E+05	3.497E+05	-27.63	3.075E+05	-12.24	3.075E+05	-12.24	
9	5.940E+03	2.380E+05	2.887E+05	-21.30	2.545E+05	-6.92	2.545E+05	-6.92	
10	6.400E+03	2.050E+05	2.405E+05	-17.34	2.124E+05	-3.59	2.124E+05	-3.59	
11	7.060E+03	1.636E+05	1.887E+05	-15.34	1.670E+05	-2.10	1.670E+05	-2.10	
12	8.040E+03	1.217E+05	1.364E+05	-12.09	1.213E+05	.31	1.213E+05	.31	
13	8.900E+03	9.450E+04	1.057E+05	-11.84	9.442E+04	.08	9.442E+04	.08	
14	1.000E+04	7.110E+04	7.883E+04	-10.87	7.078E+04	.45	7.078E+04	.45	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
92	1763	22	26AL2	21	9.12E+01	7.12E+01	7.12E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	3.150E+03	1.937E+05	3.087E+05	-59.39	2.725E+05	-40.67	2.725E+05	-40.67	
2	3.310E+03	1.676E+05	2.748E+05	-63.98	2.437E+05	-45.42	2.437E+05	-45.42	
3	3.390E+03	1.620E+05	2.597E+05	-60.29	2.309E+05	-42.55	2.309E+05	-42.55	
4	3.600E+03	2.229E+05	5.486E+05	-146.12	4.820E+05	-116.25	4.820E+05	-116.25	
5	3.680E+03	2.292E+05	5.189E+05	-126.39	4.543E+05	-98.21	4.543E+05	-98.21	
6	3.850E+03	2.371E+05	6.538E+05	-175.77	5.770E+05	-143.37	5.770E+05	-143.37	
7	3.900E+03	2.371E+05	6.328E+05	-166.91	5.589E+05	-135.74	5.589E+05	-135.74	
8	4.080E+03	2.371E+05	5.645E+05	-138.09	5.005E+05	-111.08	5.005E+05	-111.08	
9	4.170E+03	2.371E+05	5.343E+05	-125.34	4.745E+05	-100.13	4.745E+05	-100.13	
10	4.770E+03	2.253E+05	4.471E+05	-98.43	3.955E+05	-75.55	3.955E+05	-75.55	
11	4.980E+03	2.213E+05	4.017E+05	-81.51	3.550E+05	-60.40	3.550E+05	-60.40	
12	5.280E+03	2.134E+05	3.695E+05	-73.13	3.250E+05	-52.31	3.250E+05	-52.31	
13	5.530E+03	2.075E+05	3.347E+05	-61.30	2.901E+05	-39.80	2.901E+05	-39.80	
14	5.690E+03	2.039E+05	3.205E+05	-57.16	2.823E+05	-38.45	2.823E+05	-38.45	
15	6.020E+03	1.956E+05	2.794E+05	-42.86	2.464E+05	-25.96	2.464E+05	-25.96	
16	6.290E+03	1.917E+05	2.510E+05	-30.94	2.215E+05	-15.55	2.215E+05	-15.55	
17	6.420E+03	1.858E+05	2.387E+05	-28.47	2.107E+05	-13.42	2.107E+05	-13.42	
18	6.890E+03	1.747E+05	2.005E+05	-14.76	1.773E+05	-1.51	1.773E+05	-1.51	
19	8.050E+03	1.423E+05	1.360E+05	4.43	1.210E+05	15.00	1.210E+05	15.00	
20	8.550E+03	1.126E+05	1.169E+05	-3.82	1.043E+05	7.41	1.043E+05	7.41	
21	1.000E+04	7.509E+04	7.883E+04	-4.98	7.078E+04	5.74	7.078E+04	5.74	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
92	1765	12	59R01	8	1.19E+01	2.16E+01	2.16E+01		
N	E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR	
1	5.411E+03	3.533E+05	3.480E+05	1.51	3.060E+05	13.39	3.060E+05	13.39	
2	5.946E+03	3.374E+05	2.880E+05	14.65	2.539E+05	24.76	2.539E+05	24.76	
3	6.399E+03	2.758E+05	2.406E+05	12.75	2.124E+05	22.98	2.124E+05	22.98	
4	6.925E+03	2.244E+05	1.980E+05	11.78	1.751E+05	21.95	1.751E+05	21.95	



5	7.057E+03	2.102E+05	1.889E+05	10.13	1.672E+05	20.45	1.672E+05	20.45
6	7.649E+03	1.743E+05	1.546E+05	11.33	1.372E+05	21.30	1.372E+05	21.30
7	8.023E+03	1.565E+05	1.371E+05	12.38	1.220E+05	22.07	1.220E+05	22.07
8	8.904E+03	1.245E+05	1.056E+05	15.20	9.432E+04	24.24	9.432E+04	24.24

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
92	1766	11	67PE1	1	2.15E+01	8.57E+00	8.57E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	9.000E+03	8.460E+04	1.028E+05	-21.47	9.185E+04	-8.57	9.185E+04	-8.57	

ILT	MSET	NMAX	REF	NTAL	RMSDH	RMSDS	RMSDSR		
92	1767	35	69DE1	2	9.94E+00	1.35E+00	1.35E+00		
N		E	ATEX	ATTHH	PEH	ATTHS	PES	ATTHSR	PESR
1	9.959E+03	7.270E+04	7.966E+04	-9.58	7.150E+04	1.65	7.150E+04	1.65	
2	1.000E+04	7.147E+04	7.883E+04	-10.30	7.078E+04	.97	7.078E+04	.97	

TABLE 2C

DATA USED IN THE COMPARISON  
FOR THE ENERGY RANGE 10.0-100 KEV



IZ= 1

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
1	43	28	34AL1	14	1.31E+01	1.31E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.004E+04	7.700E-01		6.449E-01	16.25	6.449E-01	16.25	
2	1.240E+04	7.530E-01		6.371E-01	15.39	6.371E-01	15.39	
3	1.409E+04	7.360E-01		6.324E-01	14.08	6.324E-01	14.08	
4	1.746E+04	7.280E-01		6.241E-01	14.27	6.241E-01	14.27	
5	1.965E+04	7.280E-01		6.192E-01	14.95	6.192E-01	14.95	
6	2.495E+04	7.280E-01		6.078E-01	16.51	6.078E-01	16.51	
7	2.605E+04	7.200E-01		6.055E-01	15.90	6.055E-01	15.90	
8	2.973E+04	6.530E-01		5.981E-01	8.41	5.981E-01	8.41	
9	4.770E+04	6.440E-01		5.654E-01	12.21	5.654E-01	12.21	
10	6.200E+04	6.280E-01		5.427E-01	13.59	5.427E-01	13.59	
11	7.080E+04	6.030E-01		5.299E-01	12.13	5.299E-01	12.13	
12	8.490E+04	5.690E-01		5.110E-01	10.20	5.110E-01	10.20	
13	8.730E+04	5.520E-01		5.080E-01	7.98	5.080E-01	7.98	
14	9.540E+04	5.360E-01		4.981E-01	7.07	4.981E-01	7.07	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
1	45	18	23OL1	18	2.31E+01	2.31E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.269E+04	1.033E+00		6.362E-01	38.41	6.362E-01	38.41	
2	1.335E+04	9.860E-01		6.344E-01	35.66	6.344E-01	35.66	
3	1.408E+04	9.260E-01		6.324E-01	31.70	6.324E-01	31.70	
4	1.490E+04	8.900E-01		6.303E-01	29.18	6.303E-01	29.18	
5	1.583E+04	8.350E-01		6.280E-01	24.79	6.280E-01	24.79	
6	1.688E+04	8.070E-01		6.255E-01	22.49	6.255E-01	22.49	
7	1.808E+04	7.380E-01		6.227E-01	15.62	6.227E-01	15.62	
8	1.946E+04	7.280E-01		6.196E-01	14.89	6.196E-01	14.89	
9	2.107E+04	7.350E-01		6.161E-01	16.18	6.161E-01	16.18	
10	2.298E+04	7.560E-01		6.119E-01	19.05	6.119E-01	19.05	
11	2.528E+04	7.460E-01		6.071E-01	18.62	6.071E-01	18.62	
12	2.808E+04	7.400E-01		6.014E-01	18.73	6.014E-01	18.73	
13	3.032E+04	7.730E-01		5.969E-01	22.78	5.969E-01	22.78	
14	3.295E+04	7.380E-01		5.918E-01	19.80	5.918E-01	19.80	
15	3.608E+04	7.110E-01		5.860E-01	17.59	5.860E-01	17.59	
16	3.988E+04	7.450E-01		5.790E-01	22.28	5.790E-01	22.28	
17	4.457E+04	6.810E-01		5.707E-01	16.19	5.707E-01	16.19	
18	5.051E+04	6.390E-01		5.607E-01	12.25	5.607E-01	12.25	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
1	46	2	22TA1	1	3.01E+01	3.01E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	4.800E-01		6.243E-01	-30.06	6.243E-01	-30.06	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
1	48	1	59RO2	1	3.46E+01	3.46E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	9.540E-01		6.241E-01	34.58	6.241E-01	34.58	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		

1	49	1	62WI1	1	1.09E+01	1.09E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.298E+04	5.170E-01	5.735E-01	-10.93	5.735E-01	-10.93		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
1	50	3	34HA1	3	2.15E+01	2.15E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.931E+04	6.700E-01	5.467E-01	18.40	5.467E-01	18.40		
2	7.278E+04	6.700E-01	5.271E-01	21.33	5.271E-01	21.33		
3	8.837E+04	6.700E-01	5.066E-01	24.38	5.066E-01	24.38		

IZ= 2

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
2	80	1	62WI1	1	1.58E+01	1.58E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.298E+04	1.376E+00	1.159E+00	15.76	1.159E+00	15.76		

IZ= 3

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
3	85	9	69DE1	4	1.84E+00	1.49E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.500E+04	2.454E+00	2.508E+00	-2.18	2.478E+00	-.98		
2	2.000E+04	2.128E+00	2.139E+00	-.50	2.128E+00	.02		
3	3.000E+04	1.877E+00	1.895E+00	-.94	1.892E+00	-.79		
4	4.000E+04	1.739E+00	1.787E+00	-2.77	1.786E+00	-2.71		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
3	86	7	60GA1	2	8.05E+00	7.09E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.500E+04	2.300E+00	2.508E+00	-9.02	2.478E+00	-7.74		
2	2.000E+04	2.000E+00	2.139E+00	-6.93	2.128E+00	-6.38		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
3	87	3	65PR1	1	5.47E+00	4.66E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	2.160E+00	2.278E+00	-5.47	2.261E+00	-4.66		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
3	88	2	57OL1	1	9.82E+00	1.07E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.610E+04	2.650E+00	2.390E+00	9.82	2.367E+00	10.69		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
3	89	9	21HE1	9	3.47E+01	3.49E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.730E+04	4.860E+00	2.291E+00	52.86	2.273E+00	53.24		
2	1.860E+04	4.160E+00	2.208E+00	46.92	2.194E+00	47.26		
3	2.010E+04	3.660E+00	2.134E+00	41.68	2.123E+00	41.98		
4	2.180E+04	3.300E+00	2.070E+00	37.27	2.062E+00	37.52		

5	2.380E+04	2.950E+00	2.012E+00	31.81	2.006E+00	32.02
6	2.630E+04	2.630E+00	1.956E+00	25.63	1.952E+00	25.79
7	2.940E+04	2.510E+00	1.903E+00	24.17	1.900E+00	24.29
8	3.320E+04	2.250E+00	1.854E+00	17.62	1.852E+00	17.70
9	3.950E+04	2.030E+00	1.791E+00	11.75	1.790E+00	11.81

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
3	90	1	59RO2	1	4.73E+01	4.77E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	4.320E+00	2.278E+00	47.26	2.261E+00	47.67	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
3	91	14	30MA1	13	2.70E+01	2.71E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.110E+04	3.800E+00	2.094E+00	44.88	2.085E+00	45.13	
2	2.320E+04	3.460E+00	2.028E+00	41.40	2.021E+00	41.59	
3	2.570E+04	3.020E+00	1.968E+00	34.83	1.963E+00	34.99	
4	2.620E+04	3.030E+00	1.958E+00	35.38	1.954E+00	35.53	
5	2.890E+04	2.730E+00	1.911E+00	30.00	1.908E+00	30.12	
6	2.940E+04	2.670E+00	1.903E+00	28.71	1.900E+00	28.83	
7	3.370E+04	2.380E+00	1.848E+00	22.35	1.846E+00	22.43	
8	3.940E+04	2.210E+00	1.792E+00	18.90	1.791E+00	18.95	
9	4.720E+04	2.060E+00	1.734E+00	15.84	1.733E+00	15.87	
10	5.930E+04	1.950E+00	1.661E+00	14.80	1.661E+00	14.81	
11	6.700E+04	1.840E+00	1.622E+00	11.86	1.622E+00	11.87	
12	7.800E+04	1.710E+00	1.571E+00	8.13	1.571E+00	8.14	
13	8.610E+04	1.540E+00	1.537E+00	.17	1.537E+00	.17	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
3	92	1	65WE1	1	6.47E-01	6.22E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	1.690E+00	1.701E+00	-.65	1.701E+00	-.62	

IZ= 4

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	110	17	69DE1	9	6.73E+00	5.50E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.129E+04	6.749E+00	7.449E+00	-10.38	7.217E+00	-6.94	
2	1.500E+04	4.185E+00	4.594E+00	-9.77	4.504E+00	-7.62	
3	2.000E+04	3.105E+00	3.369E+00	-8.51	3.335E+00	-7.39	
4	2.199E+04	2.978E+00	3.140E+00	-5.45	3.115E+00	-4.60	
5	2.494E+04	2.759E+00	2.913E+00	-5.57	2.896E+00	-4.98	
6	3.000E+04	2.556E+00	2.682E+00	-4.93	2.673E+00	-4.59	
7	3.500E+04	2.454E+00	2.547E+00	-3.78	2.541E+00	-3.56	
8	4.000E+04	2.351E+00	2.454E+00	-4.37	2.450E+00	-4.23	
9	4.400E+04	2.309E+00	2.396E+00	-3.77	2.394E+00	-3.66	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	111	2	53HU1	1	6.64E+00	5.13E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	3.580E+00	3.818E+00	-6.64	3.764E+00	-5.13	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	112	3	64KA1	2	1.21E+01	1.18E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	4.040E+00		3.836E+00	5.04	3.781E+00	6.40
2	2.210E+04	2.690E+00		3.130E+00	-16.35	3.105E+00	-15.43

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	113	2	76HA2	2	2.97E+01	3.09E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	1.380E+01		9.676E+00	29.88	9.329E+00	32.40
2	3.415E+04	1.980E+00		2.566E+00	-29.59	2.560E+00	-29.30

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	114	1	73PH1	1	1.57E+01	1.69E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	4.530E+00		3.818E+00	15.72	3.764E+00	16.92

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	115	1	59RO2	1	4.06E+01	4.15E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	6.430E+00		3.818E+00	40.62	3.764E+00	41.47

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	116	9	67ME1	7	4.57E+00	4.30E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	2.664E+00		2.909E+00	-9.20	2.893E+00	-8.59
2	3.004E+04	2.539E+00		2.681E+00	-5.58	2.672E+00	-5.23
3	4.004E+04	2.352E+00		2.453E+00	-4.30	2.450E+00	-4.16
4	5.008E+04	2.275E+00		2.325E+00	-2.20	2.323E+00	-2.13
5	6.003E+04	2.195E+00		2.234E+00	-1.77	2.233E+00	-1.73
6	7.004E+04	2.126E+00		2.160E+00	-1.59	2.159E+00	-1.57
7	8.499E+04	2.044E+00		2.067E+00	-1.12	2.067E+00	-1.11

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	117	14	62WI1	9	1.66E+00	1.71E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	2.530E+00		2.452E+00	3.09	2.449E+00	3.22
2	4.298E+04	2.470E+00		2.410E+00	2.44	2.407E+00	2.55
3	4.540E+04	2.420E+00		2.378E+00	1.73	2.376E+00	1.82
4	5.000E+04	2.300E+00		2.326E+00	-1.12	2.324E+00	-1.05
5	5.752E+04	2.290E+00		2.255E+00	1.54	2.254E+00	1.58
6	6.787E+04	2.150E+00		2.175E+00	-1.16	2.174E+00	-1.13
7	6.884E+04	2.150E+00		2.168E+00	-.84	2.168E+00	-.82
8	7.081E+04	2.170E+00		2.155E+00	.71	2.154E+00	.73
9	8.654E+04	2.050E+00		2.058E+00	-.39	2.058E+00	-.38

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
4	118	9	70CO1	1	6.60E-01	6.49E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	2.036E+00		2.049E+00	-.66	2.049E+00	-.65



IZ= 5

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
5	140	1	59RO2	1	2.81E+01	2.95E+01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.748E+04	9.160E+00		6.589E+00	28.07	6.461E+00		29.46

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
5	141	7	67ME1	5	7.95E-01	6.87E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	4.004E+04	3.192E+00		3.219E+00	-.84	3.211E+00		-.58
2	5.008E+04	2.957E+00		2.987E+00	-1.03	2.984E+00		-.90
3	6.003E+04	2.818E+00		2.842E+00	-.87	2.840E+00		-.79
4	7.004E+04	2.711E+00		2.733E+00	-.80	2.732E+00		-.76
5	8.499E+04	2.601E+00		2.603E+00	-.09	2.603E+00		-.06

IZ= 6

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
6	278	15	69DE1	6	4.44E+00	2.63E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.100E+04	3.375E+01		3.612E+01	-7.03	3.502E+01		-3.75
2	1.500E+04	1.512E+01		1.610E+01	-6.51	1.569E+01		-3.80
3	2.000E+04	8.518E+00		8.815E+00	-3.49	8.657E+00		-1.63
4	2.500E+04	6.221E+00		6.255E+00	-.55	6.179E+00		.68
5	3.000E+04	4.928E+00		5.109E+00	-3.67	5.067E+00		-2.82
6	3.500E+04	4.541E+00		4.504E+00	.82	4.479E+00		1.37

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
6	279	9	38AN1	1	3.44E+00	5.53E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.748E+04	1.185E+01		1.144E+01	3.44	1.119E+01		5.53

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
6	280	15	74MI1	8	2.91E+00	9.82E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.121E+04	3.302E+01		3.427E+01	-3.79	3.323E+01		-.63
2	1.337E+04	2.082E+01		2.140E+01	-2.77	2.080E+01		.08
3	1.575E+04	1.406E+01		1.437E+01	-2.21	1.402E+01		.27
4	1.744E+04	1.114E+01		1.150E+01	-3.20	1.125E+01		-.97
5	1.923E+04	9.261E+00		9.472E+00	-2.28	9.292E+00		-.34
6	2.112E+04	7.775E+00		8.024E+00	-3.20	7.891E+00		-1.50
7	2.311E+04	6.762E+00		6.970E+00	-3.07	6.871E+00		-1.62
8	2.519E+04	6.050E+00		6.194E+00	-2.39	6.120E+00		-1.15

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
6	281	48	26AL1	31	8.81E+00	9.69E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.060E+04	4.800E+01		4.008E+01	16.49	3.884E+01		19.08
2	1.137E+04	4.000E+01		3.295E+01	17.62	3.196E+01		20.11
3	1.240E+04	3.000E+01		2.605E+01	13.17	2.529E+01		15.70
4	1.362E+04	2.500E+01		2.041E+01	18.35	1.985E+01		20.59

5	1.657E+04	1.500E+01	1.283E+01	14.49	1.253E+01	16.46
6	1.749E+04	1.260E+01	1.143E+01	9.30	1.118E+01	11.26
7	1.970E+04	1.100E+01	9.059E+00	17.65	8.893E+00	19.16
8	2.210E+04	8.000E+00	7.457E+00	6.78	7.343E+00	8.21
9	2.560E+04	6.220E+00	6.070E+00	2.42	5.999E+00	3.55
10	2.700E+04	5.800E+00	5.698E+00	1.76	5.638E+00	2.79
11	2.710E+04	5.740E+00	5.674E+00	1.15	5.615E+00	2.17
12	2.760E+04	5.620E+00	5.560E+00	1.07	5.505E+00	2.05
13	2.820E+04	5.480E+00	5.433E+00	.85	5.382E+00	1.79
14	2.950E+04	5.190E+00	5.192E+00	-.03	5.147E+00	.82
15	3.100E+04	4.890E+00	4.959E+00	-1.40	4.921E+00	-.63
16	3.260E+04	4.590E+00	4.752E+00	-3.53	4.720E+00	-2.84
17	3.440E+04	4.310E+00	4.560E+00	-5.80	4.533E+00	-5.19
18	3.650E+04	4.190E+00	4.377E+00	-4.46	4.355E+00	-3.94
19	3.870E+04	3.990E+00	4.220E+00	-5.77	4.203E+00	-5.33
20	4.130E+04	3.790E+00	4.070E+00	-7.39	4.056E+00	-7.02
21	4.430E+04	3.630E+00	3.931E+00	-8.28	3.919E+00	-7.97
22	5.170E+04	3.390E+00	3.683E+00	-8.65	3.677E+00	-8.45
23	5.640E+04	3.290E+00	3.570E+00	-8.50	3.565E+00	-8.35
24	5.930E+04	3.310E+00	3.510E+00	-6.05	3.506E+00	-5.92
25	6.530E+04	3.190E+00	3.405E+00	-6.75	3.402E+00	-6.65
26	7.170E+04	3.090E+00	3.312E+00	-7.20	3.310E+00	-7.12
27	7.290E+04	3.090E+00	3.297E+00	-6.69	3.294E+00	-6.62
28	7.650E+04	3.030E+00	3.252E+00	-7.32	3.250E+00	-7.26
29	8.210E+04	3.050E+00	3.188E+00	-4.53	3.187E+00	-4.48
30	8.860E+04	3.030E+00	3.121E+00	-3.02	3.120E+00	-2.98
31	8.980E+04	2.990E+00	3.110E+00	-4.01	3.109E+00	-3.97

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	282	7	79PU1	3	6.01E+00	7.73E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.060E+04	4.400E+01	4.008E+01	8.90	3.884E+01	11.73	
2	1.440E+04	1.750E+01	1.777E+01	-1.54	1.730E+01	1.13	
3	2.470E+04	6.700E+00	6.354E+00	5.16	6.275E+00	6.35	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	283	9	9BA1	3	1.49E+01	1.71E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	4.966E+01	4.073E+01	17.97	3.947E+01	20.53	
2	1.122E+04	4.069E+01	3.419E+01	15.98	3.315E+01	18.54	
3	2.216E+04	8.180E+00	7.426E+00	9.22	7.313E+00	10.60	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	284	5	65WE1	3	3.12E+00	2.52E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.747E+04	5.320E+00	5.589E+00	-5.05	5.533E+00	-4.00	
2	5.236E+04	3.610E+00	3.666E+00	-1.55	3.659E+00	-1.37	
3	8.420E+04	3.130E+00	3.166E+00	-1.14	3.164E+00	-1.10	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	285	16	34GR1	13	1.15E+01	1.06E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.056E+04	3.790E+01	4.052E+01	-6.90	3.926E+01	-3.58	

2	1.194E+04	2.770E+01	2.883E+01	-4.08	2.798E+01	-1.00
3	1.749E+04	1.067E+01	1.143E+01	-7.11	1.118E+01	-4.80
4	2.217E+04	6.560E+00	7.421E+00	-13.12	7.308E+00	-11.40
5	2.526E+04	5.460E+00	6.173E+00	-13.05	6.099E+00	-11.70
6	2.859E+04	4.590E+00	5.356E+00	-16.70	5.307E+00	-15.63
7	3.093E+04	4.220E+00	4.968E+00	-17.74	4.931E+00	-16.84
8	3.466E+04	3.790E+00	4.535E+00	-19.66	4.509E+00	-18.98
9	6.067E+04	3.230E+00	3.484E+00	-7.87	3.480E+00	-7.75
10	7.029E+04	3.200E+00	3.332E+00	-4.11	3.329E+00	-4.04
11	7.438E+04	3.100E+00	3.278E+00	-5.73	3.276E+00	-5.67
12	7.644E+04	3.070E+00	3.252E+00	-5.94	3.251E+00	-5.88
13	9.700E+04	3.420E+00	3.044E+00	10.98	3.044E+00	11.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	286	3	53HU1	1	4.59E+00	2.33E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	1.094E+01	1.144E+01	-4.59	1.119E+01	-2.33	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	291	23	79BE1	18	1.17E+01	9.47E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.018E+04	4.067E+01	4.497E+01	-10.57	4.355E+01	-7.09	
2	1.093E+04	3.411E+01	3.677E+01	-7.81	3.564E+01	-4.49	
3	1.131E+04	2.990E+01	3.344E+01	-11.83	3.242E+01	-8.44	
4	1.203E+04	2.557E+01	2.825E+01	-10.48	2.742E+01	-7.22	
5	1.267E+04	2.220E+01	2.460E+01	-10.83	2.390E+01	-7.65	
6	1.352E+04	1.887E+01	2.080E+01	-10.21	2.022E+01	-7.17	
7	1.448E+04	1.604E+01	1.753E+01	-9.30	1.707E+01	-6.43	
8	1.577E+04	1.261E+01	1.433E+01	-13.64	1.398E+01	-10.88	
9	1.703E+04	1.047E+01	1.209E+01	-15.46	1.182E+01	-12.89	
10	1.744E+04	1.023E+01	1.150E+01	-12.38	1.125E+01	-9.95	
11	1.867E+04	9.130E+00	1.002E+01	-9.77	9.823E+00	-7.60	
12	1.990E+04	7.800E+00	8.895E+00	-14.03	8.734E+00	-11.97	
13	2.127E+04	7.100E+00	7.930E+00	-11.69	7.801E+00	-9.87	
14	2.218E+04	6.720E+00	7.415E+00	-10.35	7.303E+00	-8.67	
15	2.242E+04	6.520E+00	7.293E+00	-11.86	7.185E+00	-10.19	
16	2.495E+04	5.520E+00	6.271E+00	-13.61	6.194E+00	-12.21	
17	2.672E+04	5.330E+00	5.766E+00	-8.18	5.705E+00	-7.03	
18	3.107E+04	4.290E+00	4.949E+00	-15.35	4.911E+00	-14.48	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	292	39	39WR1	36	3.76E+00	3.08E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	4.000E+01	4.073E+01	-1.83	3.947E+01	1.34	
2	1.122E+04	3.380E+01	3.419E+01	-1.14	3.315E+01	1.93	
3	1.192E+04	2.840E+01	2.896E+01	-1.97	2.810E+01	1.05	
4	1.339E+04	2.060E+01	2.132E+01	-3.48	2.072E+01	-.60	
5	1.416E+04	1.810E+01	1.852E+01	-2.32	1.802E+01	.41	
6	1.577E+04	1.400E+01	1.433E+01	-2.35	1.398E+01	.13	
7	1.661E+04	1.260E+01	1.276E+01	-1.26	1.247E+01	1.06	
8	1.748E+04	1.120E+01	1.144E+01	-2.16	1.119E+01	.05	
9	1.927E+04	8.990E+00	9.436E+00	-4.96	9.257E+00	-2.97	
10	2.021E+04	8.410E+00	8.653E+00	-2.89	8.500E+00	-1.07	



11	2.116E+04	7.760E+00	7.998E+00	-3.07	7.867E+00	-1.38
12	2.215E+04	7.110E+00	7.431E+00	-4.52	7.318E+00	-2.92
13	2.316E+04	6.670E+00	6.948E+00	-4.17	6.850E+00	-2.70
14	2.419E+04	6.280E+00	6.534E+00	-4.05	6.449E+00	-2.70
15	2.524E+04	5.940E+00	6.179E+00	-4.02	6.105E+00	-2.77
16	2.633E+04	5.580E+00	5.866E+00	-5.13	5.802E+00	-3.97
17	2.743E+04	5.330E+00	5.598E+00	-5.03	5.541E+00	-3.97
18	2.857E+04	5.140E+00	5.360E+00	-4.29	5.311E+00	-3.33
19	3.091E+04	4.810E+00	4.971E+00	-3.35	4.933E+00	-2.56
20	3.212E+04	4.650E+00	4.810E+00	-3.44	4.777E+00	-2.72
21	3.336E+04	4.450E+00	4.666E+00	-4.86	4.637E+00	-4.20
22	3.463E+04	4.340E+00	4.538E+00	-4.56	4.512E+00	-3.96
23	3.583E+04	4.270E+00	4.431E+00	-3.77	4.408E+00	-3.23
24	3.724E+04	4.120E+00	4.321E+00	-4.87	4.300E+00	-4.38
25	3.999E+04	3.960E+00	4.142E+00	-4.59	4.126E+00	-4.19
26	5.734E+04	3.360E+00	3.550E+00	-5.64	3.545E+00	-5.50
27	5.895E+04	3.360E+00	3.517E+00	-4.67	3.513E+00	-4.54
28	6.062E+04	3.330E+00	3.485E+00	-4.66	3.481E+00	-4.54
29	6.637E+04	3.270E+00	3.389E+00	-3.63	3.386E+00	-3.54
30	6.838E+04	3.230E+00	3.359E+00	-3.98	3.356E+00	-3.90
31	7.024E+04	3.240E+00	3.332E+00	-2.85	3.330E+00	-2.77
32	7.229E+04	3.180E+00	3.305E+00	-3.92	3.302E+00	-3.85
33	7.455E+04	3.140E+00	3.276E+00	-4.32	3.274E+00	-4.26
34	7.639E+04	3.140E+00	3.253E+00	-3.60	3.251E+00	-3.54
35	9.150E+04	3.080E+00	3.094E+00	-.45	3.093E+00	-.42
36	9.693E+04	3.080E+00	3.045E+00	1.14	3.044E+00	1.17

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	293	26	21HE1	25	4.19E+00	2.73E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.176E+04	2.930E+01	3.004E+01	-2.53	2.915E+01	.52	
2	1.232E+04	2.610E+01	2.650E+01	-1.54	2.573E+01	1.42	
3	1.290E+04	2.230E+01	2.347E+01	-5.25	2.280E+01	-2.26	
4	1.360E+04	1.910E+01	2.049E+01	-7.27	1.992E+01	-4.32	
5	1.440E+04	1.670E+01	1.777E+01	-6.41	1.730E+01	-3.60	
6	1.530E+04	1.450E+01	1.537E+01	-5.99	1.498E+01	-3.34	
7	1.620E+04	1.270E+01	1.348E+01	-6.17	1.317E+01	-3.67	
8	1.730E+04	1.099E+01	1.169E+01	-6.39	1.144E+01	-4.06	
9	1.860E+04	9.510E+00	1.010E+01	-6.16	9.894E+00	-4.04	
10	2.010E+04	8.240E+00	8.737E+00	-6.03	8.582E+00	-4.15	
11	2.180E+04	7.280E+00	7.620E+00	-4.67	7.501E+00	-3.03	
12	2.380E+04	6.400E+00	6.683E+00	-4.42	6.593E+00	-3.02	
13	2.630E+04	5.580E+00	5.874E+00	-5.27	5.809E+00	-4.11	
14	2.940E+04	4.990E+00	5.209E+00	-4.39	5.164E+00	-3.49	
15	3.320E+04	4.570E+00	4.684E+00	-2.49	4.654E+00	-1.84	
16	3.830E+04	4.110E+00	4.247E+00	-3.32	4.228E+00	-2.88	
17	4.280E+04	3.990E+00	3.997E+00	-.17	3.984E+00	.15	
18	4.680E+04	3.810E+00	3.835E+00	-.65	3.825E+00	-.40	
19	4.920E+04	3.750E+00	3.755E+00	-.14	3.747E+00	.07	
20	5.140E+04	3.690E+00	3.692E+00	-.04	3.685E+00	.15	
21	5.440E+04	3.550E+00	3.615E+00	-1.83	3.609E+00	-1.67	
22	5.900E+04	3.510E+00	3.516E+00	-.17	3.512E+00	-.05	
23	6.930E+04	3.310E+00	3.345E+00	-1.07	3.343E+00	-.99	



24	8.050E+04	3.290E+00	3.206E+00	2.57	3.204E+00	2.61
25	9.540E+04	3.110E+00	3.058E+00	1.66	3.057E+00	1.69

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	294	18	23OL1	18	5.50E+00	3.64E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.269E+04	2.236E+01	2.450E+01	-9.58	2.380E+01	-6.44	
2	1.335E+04	1.968E+01	2.148E+01	-9.15	2.088E+01	-6.11	
3	1.408E+04	1.731E+01	1.878E+01	-8.50	1.828E+01	-5.59	
4	1.490E+04	1.518E+01	1.636E+01	-7.79	1.594E+01	-5.03	
5	1.583E+04	1.330E+01	1.421E+01	-6.81	1.386E+01	-4.23	
6	1.688E+04	1.161E+01	1.232E+01	-6.12	1.204E+01	-3.73	
7	1.808E+04	1.017E+01	1.068E+01	-5.00	1.046E+01	-2.83	
8	1.946E+04	8.860E+00	9.265E+00	-4.57	9.092E+00	-2.62	
9	2.107E+04	7.740E+00	8.055E+00	-4.07	7.922E+00	-2.35	
10	2.298E+04	6.720E+00	7.028E+00	-4.58	6.927E+00	-3.09	
11	2.528E+04	5.940E+00	6.166E+00	-3.81	6.093E+00	-2.57	
12	2.808E+04	5.325E+00	5.458E+00	-2.50	5.406E+00	-1.51	
13	3.032E+04	4.870E+00	5.059E+00	-3.88	5.018E+00	-3.05	
14	3.295E+04	4.570E+00	4.712E+00	-3.10	4.681E+00	-2.43	
15	3.608E+04	4.330E+00	4.410E+00	-1.86	4.388E+00	-1.34	
16	3.988E+04	3.990E+00	4.148E+00	-3.97	4.132E+00	-3.56	
17	4.457E+04	3.850E+00	3.920E+00	-1.81	3.908E+00	-1.52	
18	5.051E+04	3.690E+00	3.716E+00	-.72	3.709E+00	-.52	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	295	1	22TA1	1	1.87E+00	3.43E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	1.134E+01	1.155E+01	-1.87	1.130E+01	.34	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	296	1	22WI1	1	1.31E+01	1.50E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	1.330E+01	1.155E+01	13.14	1.130E+01	15.03	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	297	1	59RO1	1	1.03E+01	1.23E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	1.276E+01	1.144E+01	10.33	1.119E+01	12.27	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	298	9	67MC1	7	3.05E+00	2.49E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	5.919E+00	6.255E+00	-5.68	6.179E+00	-4.38	
2	3.004E+04	4.918E+00	5.103E+00	-3.76	5.061E+00	-2.91	
3	4.004E+04	4.053E+00	4.139E+00	-2.12	4.123E+00	-1.73	
4	5.008E+04	3.672E+00	3.729E+00	-1.55	3.721E+00	-1.34	
5	6.003E+04	3.420E+00	3.496E+00	-2.23	3.492E+00	-2.11	
6	7.004E+04	3.289E+00	3.335E+00	-1.40	3.333E+00	-1.32	
7	8.499E+04	3.089E+00	3.158E+00	-2.22	3.156E+00	-2.18	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	299	3	74JO1	2	2.24E-01	7.09E-01	

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.850E+04	5.377E+00	5.374E+00	.06	5.324E+00	.98
2	5.957E+04	3.494E+00	3.505E+00	-.31	3.501E+00	-.19

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	300	13	62WI1	8	1.62E+00	1.58E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.012E+04	4.170E+00	4.134E+00	.85	4.119E+00	1.23	
2	4.298E+04	4.010E+00	3.988E+00	.54	3.976E+00	.85	
3	4.540E+04	3.770E+00	3.887E+00	-3.09	3.876E+00	-2.81	
4	5.752E+04	3.530E+00	3.546E+00	-.45	3.541E+00	-.31	
5	6.787E+04	3.390E+00	3.366E+00	.71	3.363E+00	.79	
6	6.884E+04	3.290E+00	3.352E+00	-1.88	3.349E+00	-1.80	
7	7.081E+04	3.250E+00	3.324E+00	-2.29	3.322E+00	-2.22	
8	8.654E+04	3.110E+00	3.142E+00	-1.02	3.141E+00	-.98	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	301	5	77MU1	2	1.95E+00	1.79E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.571E+04	3.800E+00	3.875E+00	-1.96	3.864E+00	-1.69	
2	8.679E+04	3.080E+00	3.139E+00	-1.93	3.138E+00	-1.89	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	302	3	34HA1	3	1.85E-01	1.87E-01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.931E+04	3.510E+00	3.510E+00	.00	3.506E+00	.12	
2	7.278E+04	3.290E+00	3.298E+00	-.25	3.296E+00	-.18	
3	8.837E+04	3.130E+00	3.124E+00	.20	3.123E+00	.24	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	303	16	36CU1	5	7.05E-01	7.67E-01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	3.530E+00	3.510E+00	.56	3.506E+00	.68	
2	6.740E+04	3.410E+00	3.373E+00	1.09	3.370E+00	1.17	
3	7.750E+04	3.250E+00	3.240E+00	.31	3.238E+00	.37	
4	8.850E+04	3.150E+00	3.122E+00	.87	3.121E+00	.91	
5	9.530E+04	3.070E+00	3.059E+00	.35	3.058E+00	.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	305	6	64MU1	1	4.58E+00	4.54E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.430E+04	3.026E+00	3.165E+00	-4.58	3.163E+00	-4.54	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	306	9	70CO1	1	4.97E-01	4.60E-01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.809E+04	3.111E+00	3.126E+00	-.50	3.125E+00	-.46	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	304	6	73GO3	1	7.68E+00	7.63E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.400E+04	2.942E+00	3.168E+00	-7.68	3.167E+00	-7.63	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	2057	7	84RA01	4	9.20E-01	6.32E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	4.740E+00	4.813E+00	4.813E+00	-1.53	4.779E+00	-.82
2	5.200E+04	3.660E+00	3.675E+00	3.675E+00	-.42	3.669E+00	-.24
3	7.300E+04	3.310E+00	3.295E+00	3.295E+00	.44	3.293E+00	.51
4	8.420E+04	3.140E+00	3.166E+00	3.166E+00	-.82	3.164E+00	-.78

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	2089	8	83GEO1	2	1.93E+00	1.18E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	1.121E+01	1.144E+01	1.144E+01	-2.07	1.119E+01	.14
2	1.961E+04	8.975E+00	9.135E+00	9.135E+00	-1.78	8.966E+00	.10

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
6	2098	7	81RA01	5	5.99E+00	6.53E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.441E+04	1.796E+01	1.774E+01	1.774E+01	1.23	1.727E+01	3.83
2	2.468E+04	6.800E+00	6.361E+00	6.361E+00	6.46	6.281E+00	7.63
3	3.164E+04	5.000E+00	4.871E+00	4.871E+00	2.57	4.836E+00	3.28
4	3.560E+04	4.780E+00	4.451E+00	4.451E+00	6.89	4.427E+00	7.38
5	4.200E+04	3.700E+00	4.035E+00	4.035E+00	-9.05	4.021E+00	-8.68

IZ= 7

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	374	15	74MI1	8	1.87E+00	6.89E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	6.337E+01	6.459E+01	6.459E+01	-1.92	6.284E+01	.83
2	1.337E+04	3.841E+01	3.921E+01	3.921E+01	-2.08	3.822E+01	.49
3	1.575E+04	2.491E+01	2.533E+01	2.533E+01	-1.70	2.475E+01	.64
4	1.744E+04	1.944E+01	1.966E+01	1.966E+01	-1.12	1.924E+01	1.04
5	1.923E+04	1.540E+01	1.567E+01	1.567E+01	-1.73	1.536E+01	.27
6	2.112E+04	1.262E+01	1.281E+01	1.281E+01	-1.53	1.259E+01	.27
7	2.311E+04	1.052E+01	1.075E+01	1.075E+01	-2.14	1.058E+01	-.53
8	2.519E+04	9.014E+00	9.230E+00	9.230E+00	-2.40	9.102E+00	-.98

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	375	5	65WE1	3	4.80E+00	4.06E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.747E+04	7.480E+00	8.055E+00	8.055E+00	-7.69	7.959E+00	-6.40
2	5.236E+04	4.370E+00	4.496E+00	4.496E+00	-2.88	4.485E+00	-2.62
3	8.420E+04	3.700E+00	3.750E+00	3.750E+00	-1.36	3.748E+00	-1.29

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	377	1	22WI1	1	2.07E+01	2.24E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.493E+01	1.977E+01	1.977E+01	20.71	1.934E+01	22.41

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	378	1	59RO2	1	2.25E+00	4.33E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR



1 1.748E+04 2.000E+01 1.955E+01 2.25 1.913E+01 4.33

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	379	10	29SC1	9	4.54E+00	4.83E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.945E+04	7.400E+00	7.307E+00	1.26	7.230E+00	2.30	
2	3.220E+04	6.670E+00	6.544E+00	1.89	6.487E+00	2.75	
3	3.542E+04	6.190E+00	5.917E+00	4.41	5.875E+00	5.08	
4	3.936E+04	5.740E+00	5.389E+00	6.11	5.360E+00	6.62	
5	4.228E+04	5.260E+00	5.105E+00	2.94	5.082E+00	3.38	
6	5.060E+04	4.840E+00	4.575E+00	5.47	4.562E+00	5.74	
7	5.932E+04	4.230E+00	4.247E+00	-.40	4.240E+00	-.23	
8	7.125E+04	3.650E+00	3.962E+00	-8.55	3.958E+00	-8.44	
9	8.919E+04	3.560E+00	3.683E+00	-3.47	3.682E+00	-3.41	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	380	5	21HE1	5	1.42E+00	1.25E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.540E+04	5.840E+00	5.920E+00	-1.37	5.878E+00	-.66	
2	4.120E+04	5.230E+00	5.202E+00	.53	5.177E+00	1.01	
3	4.920E+04	4.540E+00	4.645E+00	-2.30	4.631E+00	-1.99	
4	6.110E+04	4.140E+00	4.196E+00	-1.35	4.189E+00	-1.18	
5	8.050E+04	3.840E+00	3.804E+00	.93	3.801E+00	1.00	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
7	381	4	62WI1	3	2.76E+00	2.86E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	5.330E+00	5.308E+00	.41	5.281E+00	.92	
2	6.884E+04	4.210E+00	4.010E+00	4.74	4.006E+00	4.85	
3	8.654E+04	3.700E+00	3.718E+00	-.49	3.716E+00	-.43	

IZ= 8

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
8	408	15	74MI1	8	2.44E+00	8.11E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	1.110E+02	1.127E+02	-1.51	1.100E+02	.94	
2	1.337E+04	6.541E+01	6.747E+01	-3.15	6.593E+01	-.80	
3	1.575E+04	4.178E+01	4.264E+01	-2.07	4.174E+01	.11	
4	1.744E+04	3.178E+01	3.247E+01	-2.18	3.181E+01	-.10	
5	1.923E+04	2.488E+01	2.531E+01	-1.74	2.483E+01	.22	
6	2.112E+04	1.960E+01	2.020E+01	-3.04	1.983E+01	-1.20	
7	2.311E+04	1.604E+01	1.649E+01	-2.79	1.622E+01	-1.12	
8	2.519E+04	1.344E+01	1.378E+01	-2.51	1.357E+01	-1.00	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
8	409	5	65WE1	3	5.62E+00	4.79E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.747E+04	1.070E+01	1.168E+01	-9.16	1.153E+01	-7.74	
2	5.236E+04	5.340E+00	5.490E+00	-2.82	5.472E+00	-2.48	
3	8.420E+04	4.300E+00	4.375E+00	-1.75	4.371E+00	-1.66	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	412	18	23OL1	18	5.57E+00	3.96E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.269E+04	7.348E+01	7.841E+01	-6.70	7.659E+01	-4.23		
2	1.335E+04	6.352E+01	6.776E+01	-6.67	6.622E+01	-4.24		
3	1.408E+04	5.467E+01	5.823E+01	-6.52	5.693E+01	-4.14		
4	1.490E+04	4.678E+01	4.969E+01	-6.21	4.860E+01	-3.90		
5	1.583E+04	3.974E+01	4.206E+01	-5.84	4.117E+01	-3.59		
6	1.688E+04	3.358E+01	3.539E+01	-5.39	3.466E+01	-3.21		
7	1.808E+04	2.819E+01	2.958E+01	-4.92	2.899E+01	-2.83		
8	1.946E+04	2.346E+01	2.458E+01	-4.77	2.411E+01	-2.77		
9	2.107E+04	1.937E+01	2.031E+01	-4.84	1.994E+01	-2.96		
10	2.298E+04	1.575E+01	1.669E+01	-5.98	1.642E+01	-4.24		
11	2.528E+04	1.304E+01	1.368E+01	-4.90	1.348E+01	-3.37		
12	2.808E+04	1.076E+01	1.123E+01	-4.37	1.109E+01	-3.06		
13	3.032E+04	9.240E+00	9.870E+00	-6.82	9.761E+00	-5.64		
14	3.295E+04	8.160E+00	8.706E+00	-6.69	8.623E+00	-5.68		
15	3.608E+04	7.390E+00	7.720E+00	-4.47	7.658E+00	-3.63		
16	3.988E+04	6.480E+00	6.890E+00	-6.32	6.845E+00	-5.64		
17	4.457E+04	5.920E+00	6.199E+00	-4.71	6.168E+00	-4.18		
18	5.051E+04	5.550E+00	5.625E+00	-1.36	5.605E+00	-.99		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	413	16	21HE1	16	7.98E+00	6.55E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.530E+04	4.144E+01	4.617E+01	-11.42	4.518E+01	-9.02		
2	1.620E+04	3.552E+01	3.951E+01	-11.22	3.867E+01	-8.88		
3	1.730E+04	2.991E+01	3.317E+01	-10.89	3.249E+01	-8.62		
4	1.860E+04	2.603E+01	2.752E+01	-5.71	2.698E+01	-3.63		
5	2.010E+04	2.131E+01	2.271E+01	-6.59	2.229E+01	-4.60		
6	2.180E+04	1.644E+01	1.877E+01	-14.19	1.845E+01	-12.21		
7	2.380E+04	1.405E+01	1.548E+01	-10.19	1.524E+01	-8.45		
8	2.630E+04	1.169E+01	1.266E+01	-8.34	1.249E+01	-6.84		
9	2.940E+04	9.700E+00	1.038E+01	-7.00	1.026E+01	-5.75		
10	3.320E+04	8.020E+00	8.614E+00	-7.40	8.533E+00	-6.40		
11	3.950E+04	6.640E+00	6.959E+00	-4.81	6.914E+00	-4.12		
12	4.680E+04	5.690E+00	5.953E+00	-4.63	5.927E+00	-4.17		
13	5.900E+04	4.970E+00	5.113E+00	-2.88	5.101E+00	-2.64		
14	6.930E+04	4.680E+00	4.728E+00	-1.02	4.721E+00	-.87		
15	8.050E+04	4.380E+00	4.449E+00	-1.57	4.444E+00	-1.47		
16	9.540E+04	3.960E+00	4.188E+00	-5.75	4.185E+00	-5.68		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	414	1	22TA1	1	7.47E+00	5.28E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	3.040E+01	3.267E+01	-7.47	3.200E+01	-5.28		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	415	1	22WI1	1	2.30E+01	2.05E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	2.657E+01	3.267E+01	-22.96	3.200E+01	-20.45		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
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8	416	1	59RO2	1	1.91E+01	1.67E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	2.710E+01	3.228E+01	-19.11	3.162E+01	-16.69		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	417	10	29SC1	9	8.63E+00	9.18E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.945E+04	1.161E+01	1.035E+01	10.86	1.023E+01	11.89		
2	3.220E+04	1.002E+01	9.000E+00	10.18	8.911E+00	11.07		
3	3.542E+04	8.580E+00	7.900E+00	7.92	7.835E+00	8.68		
4	3.936E+04	7.890E+00	6.986E+00	11.46	6.939E+00	12.05		
5	4.228E+04	7.040E+00	6.501E+00	7.66	6.464E+00	8.18		
6	5.060E+04	6.140E+00	5.618E+00	8.49	5.598E+00	8.83		
7	5.932E+04	5.390E+00	5.098E+00	5.41	5.086E+00	5.63		
8	7.125E+04	5.150E+00	4.672E+00	9.29	4.665E+00	9.42		
9	8.919E+04	4.410E+00	4.286E+00	2.81	4.283E+00	2.88		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	418	4	62W11	3	3.45E+00	3.38E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.012E+04	6.800E+00	6.847E+00	-.69	6.803E+00	-.05		
2	6.884E+04	4.760E+00	4.742E+00	.38	4.734E+00	.54		
3	8.654E+04	4.090E+00	4.332E+00	-5.92	4.329E+00	-5.83		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
8	2058	6	84RA01	3	1.47E+00	1.29E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.200E+04	5.440E+00	5.515E+00	-1.39	5.497E+00	-1.05		
2	7.300E+04	4.540E+00	4.624E+00	-1.85	4.618E+00	-1.72		
3	8.420E+04	4.330E+00	4.375E+00	-1.04	4.371E+00	-.96		

IZ= 9

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
9	429	15	73M11	8	1.08E+00	1.24E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	1.842E+02	1.842E+02	.01	1.803E+02	2.10		
2	1.337E+04	1.091E+02	1.096E+02	-.46	1.074E+02	1.57		
3	1.575E+04	6.763E+01	6.845E+01	-1.22	6.713E+01	.74		
4	1.744E+04	5.114E+01	5.154E+01	-.78	5.058E+01	1.10		
5	1.923E+04	3.957E+01	3.961E+01	-.10	3.891E+01	1.68		
6	2.112E+04	3.072E+01	3.108E+01	-1.16	3.056E+01	.53		
7	2.311E+04	2.463E+01	2.489E+01	-1.08	2.451E+01	.51		
8	2.519E+04	1.995E+01	2.038E+01	-2.14	2.008E+01	-.66		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
9	430	6	77CR1	5	3.99E+01	3.83E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.193E+04	1.369E+02	1.532E+02	-11.88	1.500E+02	-9.57		
2	1.747E+04	4.230E+01	5.130E+01	-21.27	5.034E+01	-19.01		
3	2.217E+04	2.270E+01	2.754E+01	-21.30	2.709E+01	-19.34		
4	2.528E+04	1.800E+01	2.021E+01	-12.30	1.992E+01	-10.68		

5 2.862E+04 8.520E+00 1.552E+01 -82.21 1.533E+01 -79.93

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
9	431	40	39WR1	37	4.08E+00	4.34E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	2.226E+02	2.213E+02	.60	2.166E+02	2.70		
2	1.122E+04	1.847E+02	1.837E+02	.54	1.799E+02	2.62		
3	1.192E+04	1.558E+02	1.535E+02	1.45	1.504E+02	3.49		
4	1.339E+04	1.117E+02	1.091E+02	2.30	1.069E+02	4.28		
5	1.416E+04	9.472E+01	9.278E+01	2.05	9.094E+01	4.00		
6	1.496E+04	8.001E+01	7.923E+01	.98	7.768E+01	2.92		
7	1.577E+04	7.042E+01	6.821E+01	3.14	6.689E+01	5.01		
8	1.661E+04	5.974E+01	5.897E+01	1.29	5.785E+01	3.16		
9	1.748E+04	5.177E+01	5.121E+01	1.07	5.026E+01	2.91		
10	1.927E+04	3.864E+01	3.939E+01	-1.94	3.869E+01	-.14		
11	2.021E+04	3.500E+01	3.478E+01	.63	3.418E+01	2.34		
12	2.116E+04	3.123E+01	3.093E+01	.96	3.041E+01	2.62		
13	2.215E+04	2.744E+01	2.760E+01	-.57	2.715E+01	1.06		
14	2.316E+04	2.460E+01	2.477E+01	-.68	2.438E+01	.90		
15	2.419E+04	2.214E+01	2.235E+01	-.96	2.202E+01	.56		
16	2.524E+04	2.006E+01	2.029E+01	-1.12	1.999E+01	.33		
17	2.633E+04	1.828E+01	1.848E+01	-1.08	1.822E+01	.31		
18	2.743E+04	1.653E+01	1.694E+01	-2.45	1.671E+01	-1.10		
19	2.857E+04	1.522E+01	1.558E+01	-2.36	1.538E+01	-1.07		
20	3.091E+04	1.316E+01	1.338E+01	-1.70	1.323E+01	-.55		
21	3.212E+04	1.240E+01	1.249E+01	-.70	1.235E+01	.37		
22	3.336E+04	1.113E+01	1.170E+01	-5.10	1.158E+01	-4.03		
23	3.463E+04	1.053E+01	1.100E+01	-4.47	1.090E+01	-3.47		
24	3.583E+04	1.024E+01	1.043E+01	-1.84	1.033E+01	-.92		
25	3.724E+04	9.570E+00	9.845E+00	-2.87	9.762E+00	-2.00		
26	3.999E+04	8.820E+00	8.925E+00	-1.19	8.859E+00	-.44		
27	5.734E+04	6.550E+00	6.251E+00	4.57	6.230E+00	4.88		
28	5.895E+04	6.450E+00	6.129E+00	4.97	6.111E+00	5.26		
29	6.062E+04	6.350E+00	6.015E+00	5.28	5.998E+00	5.55		
30	6.637E+04	6.110E+00	5.688E+00	6.91	5.675E+00	7.12		
31	6.838E+04	5.980E+00	5.593E+00	6.48	5.582E+00	6.66		
32	7.024E+04	5.870E+00	5.512E+00	6.10	5.502E+00	6.27		
33	7.229E+04	5.840E+00	5.430E+00	7.02	5.421E+00	7.18		
34	7.455E+04	5.740E+00	5.347E+00	6.85	5.338E+00	7.00		
35	7.639E+04	5.760E+00	5.284E+00	8.26	5.276E+00	8.40		
36	9.150E+04	5.290E+00	4.885E+00	7.65	4.881E+00	7.73		
37	9.693E+04	5.260E+00	4.776E+00	9.20	4.773E+00	9.26		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
9	432	1	59R02	1	1.86E+01	1.64E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	4.320E+01	5.121E+01	-18.55	5.026E+01	-16.35		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
9	433	1	65WE1	1	1.66E+00	1.25E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	6.600E+00	6.710E+00	-1.66	6.682E+00	-1.25		



IZ= 10

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
10	450	15	74MI1	8	2.20E+00	9.28E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	2.814E+02	2.854E+02	-1.41	2.800E+02	.50		
2	1.337E+04	1.679E+02	1.694E+02	-.91	1.663E+02	.97		
3	1.575E+04	1.037E+02	1.051E+02	-1.39	1.033E+02	.42		
4	1.744E+04	7.699E+01	7.864E+01	-2.14	7.728E+01	-.37		
5	1.923E+04	5.813E+01	5.990E+01	-3.05	5.891E+01	-1.35		
6	2.112E+04	4.533E+01	4.649E+01	-2.55	4.576E+01	-.95		
7	2.311E+04	3.585E+01	3.675E+01	-2.52	3.621E+01	-1.02		
8	2.519E+04	2.886E+01	2.964E+01	-2.69	2.923E+01	-1.29		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
10	451	7	70MC2	3	1.30E+00	4.91E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.738E+04	2.390E+01	2.432E+01	-1.75	2.401E+01	-.46		
2	4.423E+04	9.920E+00	1.005E+01	-1.35	9.987E+00	-.68		
3	8.809E+04	5.660E+00	5.680E+00	-.36	5.673E+00	-.24		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
10	452	7	30CO1	4	5.14E+00	5.03E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.746E+04	8.330E+01	7.838E+01	5.90	7.703E+01	7.53		
2	1.965E+04	5.630E+01	5.646E+01	-.29	5.554E+01	1.35		
3	2.210E+04	4.000E+01	4.125E+01	-3.12	4.062E+01	-1.56		
4	2.500E+04	2.800E+01	3.019E+01	-7.82	2.977E+01	-6.33		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
10	453	1	63CH1	1	1.66E+01	1.46E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	6.700E+01	7.813E+01	-16.61	7.678E+01	-14.60		

IZ= 11

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
11	458	1	22WI1	1	1.00E+01	1.15E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	1.295E+02	1.165E+02	10.02	1.147E+02	11.45		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
11	459	1	59RO2	1	2.76E+01	2.56E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	9.009E+01	1.150E+02	-27.65	1.132E+02	-25.62		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
11	460	1	65WE1	1	4.63E+00	4.05E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	9.640E+00	1.009E+01	-4.63	1.003E+01	-4.05		



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
11	461	12	36CU1	5	2.23E+00	2.42E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.930E+04	8.810E+00	8.761E+00		.55	8.724E+00		.98
2	6.740E+04	7.940E+00	7.780E+00		2.02	7.755E+00		2.33
3	7.750E+04	7.100E+00	7.003E+00		1.36	6.988E+00		1.58
4	8.850E+04	6.640E+00	6.453E+00		2.82	6.443E+00		2.97
5	9.530E+04	6.410E+00	6.200E+00		3.28	6.192E+00		3.40

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
11	2055	7	84RA01	4	1.18E+01	1.16E+01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.210E+04	2.175E+01	2.356E+01		-8.33	2.330E+01		-7.11
2	5.200E+04	1.125E+01	1.017E+01		9.57	1.012E+01		10.07
3	7.300E+04	6.200E+00	7.306E+00		-17.84	7.287E+00		-17.54
4	8.420E+04	6.090E+00	6.643E+00		-9.07	6.631E+00		-8.88

IZ= 12

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	1	19	59DE1	16	2.43E+00	1.05E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.122E+04	5.938E+02	6.047E+02		-1.84	5.948E+02		-.16
2	1.249E+04	4.299E+02	4.403E+02		-2.42	4.332E+02		-.77
3	1.339E+04	3.501E+02	3.585E+02		-2.39	3.528E+02		-.76
4	1.496E+04	2.535E+02	2.586E+02		-2.00	2.545E+02		-.41
5	1.577E+04	2.172E+02	2.215E+02		-2.00	2.181E+02		-.42
6	1.748E+04	1.611E+02	1.642E+02		-1.89	1.617E+02		-.34
7	1.767E+04	1.565E+02	1.591E+02		-1.66	1.567E+02		-.11
8	1.961E+04	1.151E+02	1.179E+02		-2.47	1.162E+02		-.95
9	2.021E+04	1.056E+02	1.083E+02		-2.52	1.067E+02		-1.01
10	2.216E+04	8.187E+01	8.359E+01		-2.10	8.239E+01		-.64
11	2.322E+04	7.145E+01	7.347E+01		-2.82	7.244E+01		-1.38
12	2.494E+04	5.861E+01	6.052E+01		-3.25	5.970E+01		-1.85
13	2.527E+04	5.696E+01	5.842E+01		-2.57	5.764E+01		-1.19
14	2.848E+04	4.142E+01	4.277E+01		-3.27	4.224E+01		-1.98
15	2.919E+04	3.924E+01	4.020E+01		-2.44	3.971E+01		-1.19
16	3.049E+04	3.520E+01	3.608E+01		-2.51	3.566E+01		-1.30

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	2	33	39WR1	33	7.62E+00	8.11E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.339E+04	3.981E+02	3.585E+02		9.96	3.528E+02		11.39
2	1.416E+04	3.440E+02	3.040E+02		11.64	2.992E+02		13.03
3	1.496E+04	2.834E+02	2.586E+02		8.76	2.545E+02		10.18
4	1.577E+04	2.478E+02	2.215E+02		10.60	2.181E+02		11.98
5	1.661E+04	2.100E+02	1.904E+02		9.34	1.875E+02		10.73
6	1.748E+04	1.872E+02	1.642E+02		12.31	1.617E+02		13.65
7	1.927E+04	1.360E+02	1.240E+02		8.84	1.221E+02		10.20
8	2.021E+04	1.226E+02	1.083E+02		11.70	1.067E+02		13.00
9	2.116E+04	1.061E+02	9.510E+01		10.37	9.372E+01		11.67
10	2.215E+04	9.189E+01	8.369E+01		8.92	8.250E+01		10.22

11	2.316E+04	8.193E+01	7.399E+01	9.69	7.295E+01	10.96
12	2.419E+04	7.124E+01	6.571E+01	7.76	6.481E+01	9.03
13	2.524E+04	6.005E+01	5.861E+01	2.40	5.782E+01	3.71
14	2.633E+04	5.396E+01	5.240E+01	2.90	5.171E+01	4.17
15	2.743E+04	4.577E+01	4.709E+01	-2.89	4.649E+01	-1.58
16	2.857E+04	4.168E+01	4.243E+01	-1.81	4.191E+01	-.54
17	3.091E+04	3.353E+01	3.490E+01	-4.09	3.449E+01	-2.87
18	3.212E+04	3.076E+01	3.183E+01	-3.47	3.147E+01	-2.30
19	3.463E+04	2.600E+01	2.675E+01	-2.87	2.646E+01	-1.78
20	3.583E+04	2.413E+01	2.480E+01	-2.76	2.454E+01	-1.71
21	3.724E+04	2.194E+01	2.282E+01	-3.99	2.259E+01	-2.96
22	3.999E+04	1.869E+01	1.971E+01	-5.44	1.953E+01	-4.48
23	5.734E+04	1.033E+01	1.097E+01	-6.15	1.091E+01	-5.60
24	5.895E+04	1.001E+01	1.059E+01	-5.84	1.054E+01	-5.32
25	6.062E+04	9.370E+00	1.025E+01	-9.36	1.020E+01	-8.86
26	6.637E+04	8.720E+00	9.284E+00	-6.47	9.248E+00	-6.06
27	6.838E+04	8.450E+00	9.013E+00	-6.66	8.981E+00	-6.28
28	7.024E+04	8.150E+00	8.787E+00	-7.81	8.757E+00	-7.44
29	7.229E+04	8.090E+00	8.560E+00	-5.81	8.532E+00	-5.47
30	7.455E+04	7.860E+00	8.334E+00	-6.03	8.309E+00	-5.71
31	7.639E+04	7.730E+00	8.167E+00	-5.65	8.144E+00	-5.35
32	9.150E+04	6.490E+00	7.175E+00	-10.55	7.162E+00	-10.36
33	9.693E+04	6.430E+00	6.928E+00	-7.75	6.918E+00	-7.58

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	3	23	79LA1	21	1.64E+00	1.41E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.048E+04	7.310E+02	7.399E+02	-1.22	7.277E+02	.46	
2	1.064E+04	6.955E+02	7.075E+02	-1.73	6.958E+02	-.04	
3	1.128E+04	5.906E+02	5.952E+02	-.79	5.855E+02	.87	
4	1.164E+04	5.337E+02	5.424E+02	-1.63	5.335E+02	.03	
5	1.228E+04	4.578E+02	4.630E+02	-1.13	4.555E+02	.51	
6	1.278E+04	4.057E+02	4.114E+02	-1.41	4.048E+02	.22	
7	1.346E+04	3.516E+02	3.530E+02	-.40	3.474E+02	1.20	
8	1.403E+04	3.068E+02	3.123E+02	-1.80	3.074E+02	-.20	
9	1.473E+04	2.709E+02	2.706E+02	.10	2.664E+02	1.66	
10	1.546E+04	2.329E+02	2.348E+02	-.82	2.312E+02	.75	
11	1.638E+04	1.962E+02	1.983E+02	-1.07	1.952E+02	.49	
12	1.746E+04	1.627E+02	1.647E+02	-1.23	1.622E+02	.31	
13	1.893E+04	1.292E+02	1.305E+02	-.98	1.285E+02	.54	
14	2.063E+04	1.005E+02	1.021E+02	-1.63	1.006E+02	-.14	
15	2.214E+04	8.440E+01	8.380E+01	.71	8.260E+01	2.13	
16	2.441E+04	6.460E+01	6.412E+01	.75	6.324E+01	2.10	
17	2.578E+04	5.506E+01	5.540E+01	-.61	5.466E+01	.72	
18	2.768E+04	4.562E+01	4.601E+01	-.85	4.542E+01	.44	
19	3.115E+04	3.286E+01	3.425E+01	-4.24	3.385E+01	-3.02	
20	3.512E+04	2.652E+01	2.592E+01	2.27	2.565E+01	3.29	
21	4.052E+04	1.861E+01	1.920E+01	-3.18	1.903E+01	-2.25	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	4	1	22WI1	1	1.05E+01	1.19E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	1.859E+02	1.663E+02	10.52	1.638E+02	11.88	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	11	1	67WE1	1	5.74E-01	9.57E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	1.643E+02	1.652E+02		-0.57	1.627E+02	.96

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	12	1	59RO2	1	2.36E+01	2.17E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	1.328E+02	1.642E+02		-23.61	1.617E+02	-21.73

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	13	2	71DE2	1	6.33E+00	4.72E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	1.554E+02	1.652E+02		-6.33	1.627E+02	-4.72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	14	10	67MC1	7	2.72E+00	1.87E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	5.772E+01	6.013E+01		-4.17	5.931E+01	-2.76
2	3.004E+04	3.619E+01	3.743E+01		-3.42	3.698E+01	-2.18
3	4.004E+04	1.911E+01	1.966E+01		-2.87	1.948E+01	-1.93
4	5.008E+04	1.292E+01	1.325E+01		-2.59	1.316E+01	-1.90
5	6.003E+04	1.017E+01	1.037E+01		-1.93	1.032E+01	-1.44
6	7.004E+04	8.635E+00	8.810E+00		-2.03	8.780E+00	-1.67
7	8.499E+04	7.525E+00	7.535E+00		-0.13	7.518E+00	.09

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
12	15	24	26AL1	23	5.75E+00	5.55E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.560E+04	5.810E+01	5.644E+01		2.86	5.569E+01	4.15
2	2.700E+04	5.130E+01	4.906E+01		4.36	4.843E+01	5.59
3	2.760E+04	4.840E+01	4.635E+01		4.24	4.576E+01	5.45
4	2.820E+04	4.560E+01	4.386E+01		3.81	4.331E+01	5.01
5	2.950E+04	4.020E+01	3.915E+01		2.61	3.868E+01	3.79
6	3.100E+04	3.530E+01	3.465E+01		1.83	3.425E+01	2.97
7	3.260E+04	3.070E+01	3.073E+01		-0.10	3.039E+01	1.02
8	3.440E+04	2.660E+01	2.715E+01		-2.07	2.686E+01	-.98
9	3.650E+04	2.300E+01	2.382E+01		-3.55	2.358E+01	-2.51
10	3.870E+04	1.940E+01	2.106E+01		-8.54	2.086E+01	-7.51
11	4.130E+04	1.740E+01	1.850E+01		-6.34	1.834E+01	-5.40
12	4.430E+04	1.510E+01	1.625E+01		-7.59	1.611E+01	-6.72
13	4.770E+04	1.330E+01	1.432E+01		-7.65	1.421E+01	-6.86
14	5.170E+04	1.180E+01	1.264E+01		-7.08	1.255E+01	-6.40
15	5.640E+04	1.050E+01	1.120E+01		-6.67	1.114E+01	-6.10
16	6.200E+04	9.370E+00	9.986E+00		-6.57	9.942E+00	-6.10
17	6.530E+04	8.880E+00	9.440E+00		-6.31	9.403E+00	-5.89
18	6.890E+04	8.360E+00	8.948E+00		-7.03	8.916E+00	-6.65
19	7.290E+04	7.990E+00	8.496E+00		-6.34	8.470E+00	-6.00
20	7.650E+04	7.670E+00	8.157E+00		-6.35	8.134E+00	-6.05
21	8.270E+04	7.060E+00	7.683E+00		-8.82	7.665E+00	-8.56
22	8.980E+04	6.860E+00	7.261E+00		-5.85	7.248E+00	-5.65
23	9.540E+04	6.660E+00	6.994E+00		-5.01	6.983E+00	-4.84



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	16	9	7OCO1	1	2.77E-01	7.92E-02		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.809E+04	7.333E+00		7.353E+00	- .28	7.339E+00		- .08

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	17	1	65WE1	1	6.93E+00	6.26E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	1.160E+01		1.240E+01	-6.93	1.233E+01		-6.26

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	25	9	9BA1	3	5.76E+00	7.23E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	7.790E+02		7.275E+02	6.61	7.155E+02		8.15
2	1.122E+04	6.340E+02		6.047E+02	4.62	5.948E+02		6.19
3	2.216E+04	8.880E+01		8.359E+01	5.87	8.239E+01		7.22

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	26	15	74MI1	8	1.98E+00	1.40E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	6.040E+02		6.063E+02	- .38	5.963E+02		1.27
2	1.337E+04	3.586E+02		3.601E+02	- .40	3.543E+02		1.19
3	1.575E+04	2.214E+02		2.224E+02	- .44	2.189E+02		1.12
4	1.744E+04	1.639E+02		1.652E+02	- .82	1.627E+02		.72
5	1.923E+04	1.246E+02		1.247E+02	- .10	1.229E+02		1.40
6	2.112E+04	9.237E+01		9.561E+01	-3.50	9.421E+01		-2.00
7	2.311E+04	7.231E+01		7.443E+01	-2.94	7.339E+01		-1.49
8	2.519E+04	5.719E+01		5.892E+01	-3.03	5.813E+01		-1.64

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
12	27	3	64KA1	2	5.67E+00	5.66E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	1.570E+02		1.663E+02	-5.95	1.638E+02		-4.34
2	2.210E+04	8.900E+01		8.422E+01	5.37	8.301E+01		6.72

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	479	20	66BE1	8	5.07E+00	5.45E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	1.340E+03		1.174E+03	12.36	1.156E+03		13.70
2	1.250E+04	6.050E+02		6.094E+02	- .73	6.001E+02		.82
3	1.500E+04	3.600E+02		3.564E+02	.99	3.510E+02		2.50
4	2.000E+04	1.530E+02		1.542E+02	- .79	1.520E+02		.65
5	2.500E+04	8.330E+01		8.224E+01	1.27	8.115E+01		2.58
6	3.000E+04	5.110E+01		5.055E+01	1.08	4.994E+01		2.27
7	3.500E+04	3.340E+01		3.448E+01	-3.24	3.411E+01		-2.13
8	4.000E+04	2.400E+01		2.547E+01	-6.12	2.523E+01		-5.12

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	483	21	28JO1	4	5.26E+00	6.66E+00		



N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.035E+03	1.004E+03	3.03	9.882E+02	4.52
2	1.123E+04	8.830E+02	8.353E+02	5.41	8.225E+02	6.86
3	1.340E+04	5.290E+02	4.966E+02	6.12	4.890E+02	7.56
4	1.748E+04	2.420E+02	2.277E+02	5.89	2.244E+02	7.28

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
13	485	25	66HU1	1	9.51E-01	5.95E-01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.084E+04	9.180E+02	9.267E+02	-.95	9.125E+02	.60

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
13	488	18	38AU1	1	1.13E-01	1.59E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.280E+02	2.277E+02	.11	2.244E+02	1.59

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
13	489	23	68HO1	5	5.77E+00	6.02E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	8.430E+02	8.375E+02	.66	8.246E+02	2.18
2	1.192E+04	6.850E+02	7.009E+02	-2.32	6.901E+02	-.75
3	1.577E+04	2.870E+02	3.077E+02	-7.22	3.031E+02	-5.61
4	2.317E+04	1.053E+02	1.016E+02	3.56	1.002E+02	4.87
5	2.525E+04	8.870E+01	8.002E+01	9.78	7.897E+01	10.98

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
13	495	80	26AL1	43	3.90E+00	4.79E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	1.190E+03	1.174E+03	1.31	1.156E+03	2.82
2	1.060E+04	1.008E+03	9.898E+02	1.81	9.746E+02	3.31
3	1.137E+04	8.290E+02	8.054E+02	2.85	7.930E+02	4.34
4	1.150E+04	8.060E+02	7.789E+02	3.36	7.670E+02	4.84
5	1.240E+04	6.360E+02	6.240E+02	1.89	6.144E+02	3.39
6	1.362E+04	4.840E+02	4.734E+02	2.20	4.661E+02	3.69
7	1.657E+04	2.780E+02	2.662E+02	4.24	2.622E+02	5.67
8	1.749E+04	2.370E+02	2.274E+02	4.07	2.240E+02	5.48
9	1.970E+04	1.690E+02	1.611E+02	4.70	1.588E+02	6.06
10	2.210E+04	1.190E+02	1.160E+02	2.52	1.144E+02	3.87
11	2.430E+04	9.230E+01	8.894E+01	3.64	8.775E+01	4.93
12	2.480E+04	8.690E+01	8.408E+01	3.25	8.296E+01	4.54
13	2.560E+04	7.840E+01	7.706E+01	1.70	7.605E+01	2.99
14	2.700E+04	6.990E+01	6.672E+01	4.56	6.586E+01	5.78
15	2.710E+04	6.900E+01	6.606E+01	4.26	6.521E+01	5.49
16	2.760E+04	6.630E+01	6.291E+01	5.12	6.211E+01	6.32
17	2.820E+04	6.320E+01	5.942E+01	5.99	5.867E+01	7.17
18	2.880E+04	5.960E+01	5.621E+01	5.69	5.552E+01	6.85
19	2.950E+04	5.600E+01	5.280E+01	5.72	5.215E+01	6.87
20	3.100E+04	4.970E+01	4.648E+01	6.48	4.593E+01	7.58
21	3.260E+04	4.350E+01	4.097E+01	5.82	4.050E+01	6.89
22	3.440E+04	3.810E+01	3.594E+01	5.68	3.554E+01	6.71
23	3.650E+04	3.270E+01	3.125E+01	4.43	3.093E+01	5.41
24	3.870E+04	2.820E+01	2.738E+01	2.92	2.711E+01	3.87
25	4.130E+04	2.440E+01	2.379E+01	2.49	2.358E+01	3.38

26	4.430E+04	2.130E+01	2.063E+01	3.15	2.046E+01	3.96
27	4.770E+04	1.840E+01	1.793E+01	2.54	1.779E+01	3.29
28	5.170E+04	1.590E+01	1.559E+01	1.97	1.548E+01	2.65
29	5.640E+04	1.390E+01	1.359E+01	2.21	1.351E+01	2.79
30	5.930E+04	1.320E+01	1.265E+01	4.17	1.258E+01	4.69
31	6.200E+04	1.230E+01	1.191E+01	3.13	1.186E+01	3.61
32	6.390E+04	1.190E+01	1.147E+01	3.65	1.141E+01	4.10
33	6.530E+04	1.150E+01	1.116E+01	2.92	1.111E+01	3.35
34	6.700E+04	1.120E+01	1.083E+01	3.30	1.078E+01	3.71
35	6.890E+04	1.090E+01	1.049E+01	3.75	1.045E+01	4.14
36	7.170E+04	1.050E+01	1.005E+01	4.30	1.001E+01	4.65
37	7.290E+04	1.020E+01	9.878E+00	3.16	9.843E+00	3.50
38	7.650E+04	9.770E+00	9.419E+00	3.59	9.389E+00	3.90
39	7.750E+04	9.500E+00	9.305E+00	2.05	9.276E+00	2.36
40	8.270E+04	9.180E+00	8.784E+00	4.31	8.761E+00	4.57
41	8.860E+04	8.740E+00	8.312E+00	4.90	8.293E+00	5.12
42	8.980E+04	8.510E+00	8.228E+00	3.32	8.210E+00	3.53
43	9.540E+04	8.290E+00	7.879E+00	4.96	7.864E+00	5.14

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	497	15	73MI1	8	1.39E+00	6.17E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	8.396E+02	8.396E+02		-.01	8.268E+02	1.53
2	1.337E+04	4.939E+02	4.999E+02		-1.21	4.923E+02	.33
3	1.575E+04	3.059E+02	3.089E+02		-.97	3.042E+02	.55
4	1.744E+04	2.259E+02	2.293E+02		-1.49	2.259E+02	.01
5	1.923E+04	1.694E+02	1.727E+02		-1.93	1.702E+02	-.46
6	2.112E+04	1.298E+02	1.319E+02		-1.65	1.301E+02	-.22
7	2.311E+04	1.009E+02	1.023E+02		-1.38	1.009E+02	.00
8	2.519E+04	7.931E+01	8.055E+01		-1.56	7.948E+01	-.22

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	498	6	74PA1	2	8.09E-01	2.29E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	4.490E+02	4.459E+02		.70	4.391E+02	2.21
2	1.780E+04	2.180E+02	2.160E+02		.91	2.129E+02	2.36

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	499	11	79PU1	6	5.85E+00	6.36E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.060E+04	9.710E+02	9.898E+02		-1.93	9.746E+02	-.37
2	1.440E+04	3.900E+02	4.018E+02		-3.04	3.957E+02	-1.47
3	2.470E+04	9.100E+01	8.502E+01		6.57	8.388E+01	7.82
4	3.290E+04	4.250E+01	4.005E+01		5.76	3.960E+01	6.82
5	3.690E+04	3.400E+01	3.048E+01		10.36	3.017E+01	11.27
6	6.660E+04	1.060E+01	1.091E+01		-2.89	1.086E+01	-2.44

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	500	9	9BA1	3	1.74E+00	1.97E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	1.008E+03	1.006E+03		.16	9.910E+02	1.69
2	1.122E+04	8.470E+02	8.375E+02		1.13	8.246E+02	2.64
3	2.216E+04	1.120E+02	1.151E+02		-2.78	1.135E+02	-1.36

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	501	6	65C01	2	2.15E+00	3.34E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.285E+02	2.277E+02		.33	2.244E+02	1.80
2	2.216E+04	1.187E+02	1.151E+02		3.02	1.135E+02	4.36

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	502	7	30C01	4	4.92E+00	6.23E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.746E+04	2.380E+02	2.285E+02		3.99	2.251E+02	5.41
2	1.965E+04	1.710E+02	1.622E+02		5.12	1.599E+02	6.48
3	2.210E+04	1.210E+02	1.160E+02		4.13	1.144E+02	5.46
4	2.500E+04	8.760E+01	8.224E+01		6.12	8.115E+01	7.37

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	503	15	34GR1	11	1.23E+01	1.23E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.056E+04	1.050E+03	1.001E+03		4.68	9.855E+02	6.14
2	1.341E+04	5.320E+02	4.955E+02		6.86	4.879E+02	8.28
3	1.663E+04	2.850E+02	2.634E+02		7.57	2.595E+02	8.95
4	2.217E+04	1.230E+02	1.150E+02		6.53	1.134E+02	7.82
5	2.635E+04	7.560E+01	7.125E+01		5.76	7.032E+01	6.98
6	3.466E+04	3.240E+01	3.529E+01		-8.93	3.491E+01	-7.75
7	6.067E+04	1.090E+01	1.226E+01		-12.49	1.220E+01	-11.91
8	6.642E+04	9.410E+00	1.094E+01		-16.27	1.089E+01	-15.76
9	7.029E+04	8.540E+00	1.026E+01		-20.18	1.022E+01	-19.72
10	7.644E+04	7.800E+00	9.426E+00		-20.85	9.396E+00	-20.46
11	9.700E+04	7.030E+00	7.790E+00		-10.81	7.776E+00	-10.61

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	504	14	29BA1	7	3.49E+00	4.87E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.165E+04	7.620E+02	7.497E+02		1.61	7.383E+02	3.12
2	1.359E+04	4.860E+02	4.765E+02		1.96	4.692E+02	3.46
3	1.490E+04	3.790E+02	3.635E+02		4.09	3.580E+02	5.55
4	1.525E+04	3.530E+02	3.395E+02		3.82	3.344E+02	5.27
5	1.560E+04	3.360E+02	3.177E+02		5.46	3.129E+02	6.88
6	1.630E+04	2.900E+02	2.793E+02		3.68	2.751E+02	5.12
7	1.790E+04	2.170E+02	2.125E+02		2.06	2.094E+02	3.50

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	507	5	60JA1	3	2.14E+00	2.60E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.107E+04	8.974E+02	8.713E+02		2.91	8.579E+02	4.40
2	1.748E+04	2.229E+02	2.277E+02		-2.17	2.244E+02	-.67
3	1.961E+04	1.620E+02	1.632E+02		-.74	1.609E+02	.71

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	508	3	53HU1	1	4.23E+00	2.69E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.185E+02	2.277E+02		-4.23	2.244E+02	-2.69



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	509	19	59H01	17	8.67E+00	8.11E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.024E+04	1.334E+03	1.095E+03	17.88	1.079E+03	19.14		
2	1.240E+04	6.580E+02	6.240E+02	5.17	6.144E+02	6.62		
3	1.320E+04	5.020E+02	5.191E+02	-3.40	5.111E+02	-1.82		
4	1.400E+04	4.660E+02	4.366E+02	6.32	4.299E+02	7.75		
5	1.423E+04	3.920E+02	4.161E+02	-6.15	4.098E+02	-4.54		
6	1.540E+04	3.180E+02	3.299E+02	-3.75	3.249E+02	-2.18		
7	1.662E+04	2.450E+02	2.639E+02	-7.71	2.599E+02	-6.10		
8	1.744E+04	2.120E+02	2.293E+02	-8.15	2.259E+02	-6.55		
9	1.820E+04	1.917E+02	2.025E+02	-5.64	1.996E+02	-4.10		
10	1.952E+04	1.540E+02	1.654E+02	-7.39	1.630E+02	-5.84		
11	2.039E+04	1.366E+02	1.459E+02	-6.81	1.438E+02	-5.29		
12	2.234E+04	1.052E+02	1.125E+02	-6.96	1.110E+02	-5.48		
13	2.465E+04	8.240E+01	8.549E+01	-3.75	8.435E+01	-2.37		
14	2.799E+04	5.650E+01	6.060E+01	-7.26	5.984E+01	-5.91		
15	3.123E+04	4.570E+01	4.562E+01	.18	4.508E+01	1.35		
16	3.492E+04	3.000E+01	3.467E+01	-15.57	3.430E+01	-14.33		
17	3.986E+04	2.240E+01	2.566E+01	-14.56	2.542E+01	-13.48		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	513	2	70IN1	1	1.94E+00	4.37E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.744E+04	2.249E+02	2.293E+02	-1.94	2.259E+02	-.44		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	514	3	64KA1	2	5.52E+00	6.09E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.740E+04	2.240E+02	2.308E+02	-3.04	2.274E+02	-1.52		
2	2.210E+04	1.250E+02	1.160E+02	7.20	1.144E+02	8.48		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	515	19	58DE1	16	5.60E-01	1.71E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.098E+04	8.990E+02	8.924E+02	.73	8.788E+02	2.25		
2	1.122E+04	8.410E+02	8.375E+02	.42	8.246E+02	1.95		
3	1.249E+04	6.111E+02	6.108E+02	.04	6.015E+02	1.57		
4	1.339E+04	5.013E+02	4.977E+02	.72	4.901E+02	2.23		
5	1.496E+04	3.621E+02	3.592E+02	.79	3.538E+02	2.30		
6	1.748E+04	2.287E+02	2.277E+02	.42	2.244E+02	1.89		
7	1.767E+04	2.218E+02	2.207E+02	.50	2.174E+02	1.97		
8	1.961E+04	1.635E+02	1.632E+02	.19	1.609E+02	1.62		
9	2.021E+04	1.497E+02	1.497E+02	.03	1.475E+02	1.45		
10	2.216E+04	1.157E+02	1.151E+02	.50	1.135E+02	1.88		
11	2.322E+04	1.012E+02	1.009E+02	.25	9.957E+01	1.61		
12	2.494E+04	8.302E+01	8.278E+01	.29	8.168E+01	1.61		
13	2.527E+04	7.975E+01	7.985E+01	-.12	7.879E+01	1.20		
14	2.848E+04	5.703E+01	5.789E+01	-1.50	5.717E+01	-.24		
15	2.919E+04	5.430E+01	5.427E+01	.06	5.360E+01	1.29		
16	3.049E+04	4.843E+01	4.849E+01	-.12	4.791E+01	1.07		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
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13	517	19	79LA1	17	2.45E+00	1.35E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	9.723E+02	9.898E+02	-1.80	9.746E+02	-.24		
2	1.127E+04	8.110E+02	8.266E+02	-1.92	8.139E+02	-.36		
3	1.174E+04	7.214E+02	7.330E+02	-1.60	7.217E+02	-.05		
4	1.277E+04	5.601E+02	5.722E+02	-2.17	5.635E+02	-.60		
5	1.346E+04	4.817E+02	4.901E+02	-1.75	4.826E+02	-.19		
6	1.438E+04	3.925E+02	4.035E+02	-2.80	3.974E+02	-1.24		
7	1.538E+04	3.266E+02	3.312E+02	-1.40	3.262E+02	.13		
8	1.619E+04	2.760E+02	2.849E+02	-3.23	2.806E+02	-1.68		
9	1.746E+04	2.236E+02	2.285E+02	-2.19	2.251E+02	-.68		
10	1.853E+04	1.877E+02	1.922E+02	-2.41	1.894E+02	-.92		
11	2.036E+04	1.425E+02	1.465E+02	-2.82	1.444E+02	-1.36		
12	2.187E+04	1.156E+02	1.195E+02	-3.36	1.178E+02	-1.93		
13	2.441E+04	8.558E+01	8.784E+01	-2.64	8.666E+01	-1.26		
14	2.701E+04	6.680E+01	6.665E+01	.23	6.580E+01	1.50		
15	2.931E+04	5.283E+01	5.369E+01	-1.63	5.303E+01	-.38		
16	3.342E+04	3.670E+01	3.854E+01	-5.02	3.811E+01	-3.85		
17	3.936E+04	2.630E+01	2.638E+01	-.29	2.612E+01	.67		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	518	2	78DE1	1	2.67E+00	1.16E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.744E+04	2.233E+02	2.293E+02	-2.67	2.259E+02	-1.16		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	519	5	11CH1	5	2.09E+01	2.14E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	8.290E+02	8.396E+02	-1.28	8.268E+02	.27		
2	1.191E+04	7.300E+02	7.026E+02	3.75	6.918E+02	5.23		
3	1.414E+04	4.970E+02	4.240E+02	14.70	4.175E+02	15.99		
4	1.744E+04	2.190E+02	2.293E+02	-4.69	2.259E+02	-3.14		
5	2.851E+04	1.030E+02	5.773E+01	43.96	5.701E+01	44.65		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	520	23	21HE1	23	3.18E+00	2.65E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.176E+04	7.410E+02	7.293E+02	1.58	7.181E+02	3.09		
2	1.232E+04	6.290E+02	6.360E+02	-1.11	6.262E+02	.44		
3	1.290E+04	5.460E+02	5.554E+02	-1.73	5.469E+02	-.17		
4	1.360E+04	4.650E+02	4.754E+02	-2.24	4.682E+02	-.68		
5	1.440E+04	4.010E+02	4.018E+02	-.21	3.957E+02	1.31		
6	1.530E+04	3.400E+02	3.363E+02	1.09	3.312E+02	2.59		
7	1.620E+04	2.820E+02	2.844E+02	-.85	2.801E+02	.66		
8	1.730E+04	2.320E+02	2.347E+02	-1.17	2.312E+02	.32		
9	1.860E+04	1.830E+02	1.901E+02	-3.90	1.874E+02	-2.39		
10	2.010E+04	1.480E+02	1.520E+02	-2.71	1.498E+02	-1.25		
11	2.180E+04	1.160E+02	1.206E+02	-3.95	1.189E+02	-2.50		
12	2.380E+04	9.090E+01	9.423E+01	-3.66	9.295E+01	-2.26		
13	2.630E+04	7.170E+01	7.161E+01	.12	7.068E+01	1.42		
14	2.940E+04	4.970E+01	5.326E+01	-7.17	5.261E+01	-5.86		
15	3.320E+04	3.700E+01	3.917E+01	-5.86	3.873E+01	-4.68		
16	3.890E+04	2.590E+01	2.707E+01	-4.50	2.680E+01	-3.49		

17	4.280E+04	2.180E+01	2.210E+01	-1.38	2.191E+01	- .49
18	4.680E+04	1.810E+01	1.857E+01	-2.61	1.843E+01	-1.80
19	5.140E+04	1.490E+01	1.574E+01	-5.62	1.563E+01	-4.89
20	5.900E+04	1.290E+01	1.274E+01	1.25	1.267E+01	1.79
21	6.930E+04	1.080E+01	1.042E+01	3.48	1.038E+01	3.87
22	8.050E+04	9.140E+00	8.991E+00	1.63	8.965E+00	1.91
23	9.540E+04	8.020E+00	7.879E+00	1.76	7.864E+00	1.95

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	521	1	65AL1	1	2.85E+00	1.29E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.440E+04	3.907E+02	4.018E+02	-2.85	3.957E+02	-1.29	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	522	1	64AL2	1	1.51E+00	3.01E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.440E+04	4.080E+02	4.018E+02	1.51	3.957E+02	3.01	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	523	3	76CH1	3	5.27E+00	5.99E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.500E+04	3.560E+02	3.564E+02	-.12	3.510E+02	1.40	
2	3.090E+04	4.750E+01	4.686E+01	1.34	4.631E+01	2.51	
3	3.590E+04	3.570E+01	3.248E+01	9.02	3.214E+01	9.97	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	524	7	20SI1	7	7.54E+00	8.75E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.598E+04	3.100E+02	2.960E+02	4.51	2.916E+02	5.94	
2	1.703E+04	2.600E+02	2.457E+02	5.48	2.421E+02	6.89	
3	1.826E+04	2.130E+02	2.006E+02	5.83	1.977E+02	7.20	
4	1.940E+04	1.740E+02	1.683E+02	3.25	1.659E+02	4.64	
5	2.130E+04	1.400E+02	1.288E+02	8.00	1.270E+02	9.29	
6	2.326E+04	1.120E+02	1.005E+02	10.31	9.909E+01	11.53	
7	2.562E+04	8.690E+01	7.690E+01	11.51	7.589E+01	12.67	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	525	23	21RI1	23	2.20E+00	3.01E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.668E+04	2.610E+02	2.611E+02	-.04	2.572E+02	1.45	
2	1.734E+04	2.380E+02	2.331E+02	2.04	2.297E+02	3.49	
3	1.907E+04	1.810E+02	1.769E+02	2.27	1.743E+02	3.68	
4	2.070E+04	1.420E+02	1.397E+02	1.60	1.378E+02	2.99	
5	2.250E+04	1.120E+02	1.103E+02	1.54	1.088E+02	2.89	
6	2.460E+04	8.740E+01	8.597E+01	1.63	8.483E+01	2.94	
7	2.590E+04	7.640E+01	7.466E+01	2.28	7.368E+01	3.56	
8	2.740E+04	6.620E+01	6.414E+01	3.11	6.332E+01	4.35	
9	2.880E+04	5.760E+01	5.621E+01	2.41	5.552E+01	3.62	
10	2.970E+04	5.260E+01	5.188E+01	1.37	5.125E+01	2.57	
11	3.060E+04	4.910E+01	4.804E+01	2.15	4.747E+01	3.32	
12	3.150E+04	4.560E+01	4.464E+01	2.11	4.412E+01	3.26	
13	3.250E+04	4.210E+01	4.128E+01	1.94	4.081E+01	3.06	
14	3.370E+04	3.860E+01	3.777E+01	2.16	3.735E+01	3.25	

15	3.480E+04	3.560E+01	3.496E+01	1.81	3.458E+01	2.87	
16	3.730E+04	3.000E+01	2.974E+01	.88	2.944E+01	1.88	
17	4.020E+04	2.540E+01	2.520E+01	.80	2.496E+01	1.73	
18	4.380E+04	2.100E+01	2.110E+01	-.47	2.092E+01	.39	
19	4.800E+04	1.760E+01	1.773E+01	-.73	1.759E+01	.04	
20	5.300E+04	1.470E+01	1.497E+01	-1.81	1.487E+01	-1.14	
21	5.930E+04	1.240E+01	1.265E+01	-2.01	1.258E+01	-1.46	
22	6.740E+04	1.070E+01	1.076E+01	-.52	1.071E+01	-.10	
23	9.180E+04	8.650E+00	8.095E+00	6.41	8.079E+00	6.61	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	526	1	22W11	1	2.37E+00	3.81E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.364E+02	2.308E+02		2.37	2.274E+02	3.81
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	527	1	22TA1	1	7.89E-01	6.99E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.290E+02	2.308E+02		-.79	2.274E+02	.70
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	528	1	24W01	1	2.38E+00	3.82E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.333E+02	2.277E+02		2.38	2.244E+02	3.82
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	529	1	59RO2	1	1.10E+01	9.35E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.052E+02	2.277E+02		-10.99	2.244E+02	-9.35
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	530	1	61BA2	1	1.94E+00	4.37E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	2.249E+02	2.293E+02		-1.94	2.259E+02	-.44
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	531	1	69JA1	1	2.95E+00	1.43E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	2.227E+02	2.293E+02		-2.95	2.259E+02	-1.43
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	532	3	71DE2	1	4.78E+00	3.24E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	2.188E+02	2.293E+02		-4.78	2.259E+02	-3.24
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
13	533	3	25ST1	3	1.26E+00	2.27E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.280E+02	2.277E+02		.11	2.244E+02	1.59
2	1.960E+04	1.630E+02	1.634E+02		-.27	1.611E+02	1.17
3	2.760E+04	6.430E+01	6.291E+01		2.17	6.211E+01	3.41
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	



13	534	18	39WR1	18	1.14E+01	1.11E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	2.440E+02	2.277E+02	6.66	2.244E+02	8.04		
2	2.215E+04	1.220E+02	1.153E+02	5.52	1.137E+02	6.83		
3	2.524E+04	8.350E+01	8.011E+01	4.06	7.905E+01	5.33		
4	2.633E+04	7.360E+01	7.139E+01	3.00	7.047E+01	4.26		
5	2.857E+04	5.830E+01	5.741E+01	1.53	5.669E+01	2.76		
6	3.463E+04	3.220E+01	3.537E+01	-9.83	3.498E+01	-8.65		
7	3.999E+04	2.240E+01	2.548E+01	-13.76	2.524E+01	-12.69		
8	5.734E+04	1.188E+01	1.327E+01	-11.68	1.319E+01	-11.04		
9	5.895E+04	1.130E+01	1.275E+01	-12.87	1.268E+01	-12.25		
10	6.062E+04	1.060E+01	1.227E+01	-15.80	1.221E+01	-15.20		
11	6.637E+04	9.710E+00	1.095E+01	-12.77	1.090E+01	-12.29		
12	6.838E+04	9.380E+00	1.058E+01	-12.80	1.054E+01	-12.34		
13	7.024E+04	9.000E+00	1.027E+01	-14.13	1.023E+01	-13.69		
14	7.229E+04	8.830E+00	9.963E+00	-12.84	9.927E+00	-12.43		
15	7.455E+04	8.600E+00	9.658E+00	-12.30	9.625E+00	-11.92		
16	7.639E+04	8.280E+00	9.432E+00	-13.92	9.402E+00	-13.55		
17	9.150E+04	7.120E+00	8.115E+00	-13.97	8.098E+00	-13.73		
18	9.693E+04	6.950E+00	7.794E+00	-12.14	7.780E+00	-11.94		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	535	6	14BR1	6	1.03E+01	1.14E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.016E+04	1.570E+02	1.507E+02	4.00	1.486E+02	5.37		
2	2.152E+04	1.410E+02	1.251E+02	11.29	1.233E+02	12.53		
3	2.238E+04	1.200E+02	1.120E+02	6.71	1.104E+02	7.99		
4	2.309E+04	1.220E+02	1.025E+02	15.95	1.011E+02	17.10		
5	2.440E+04	1.000E+02	8.794E+01	12.06	8.676E+01	13.24		
6	2.525E+04	8.600E+01	8.002E+01	6.95	7.897E+01	8.18		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	536	9	33HE1	9	2.88E+00	3.70E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.070E+04	1.400E+02	1.397E+02	.19	1.378E+02	1.60		
2	2.270E+04	1.070E+02	1.076E+02	-.53	1.061E+02	.85		
3	2.480E+04	8.650E+01	8.408E+01	2.80	8.296E+01	4.10		
4	2.770E+04	6.540E+01	6.230E+01	4.74	6.152E+01	5.94		
5	3.100E+04	4.880E+01	4.648E+01	4.75	4.593E+01	5.88		
6	3.540E+04	3.470E+01	3.357E+01	3.27	3.321E+01	4.29		
7	4.130E+04	2.450E+01	2.379E+01	2.89	2.358E+01	3.77		
8	4.700E+04	1.830E+01	1.843E+01	-.69	1.828E+01	.11		
9	4.960E+04	1.650E+01	1.673E+01	-1.37	1.660E+01	-.63		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	537	2	69WE1	2	5.07E+00	4.01E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.300E+04	9.680E+01	1.037E+02	-7.10	1.023E+02	-5.63		
2	7.400E+04	9.630E+00	9.729E+00	-1.03	9.696E+00	-.68		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	538	11	67MC1	8	2.74E+00	2.14E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	



1	2.500E+04	8.113E+01	8.224E+01	-1.37	8.115E+01	-.02
2	3.004E+04	4.861E+01	5.038E+01	-3.63	4.977E+01	-2.38
3	4.004E+04	2.491E+01	2.541E+01	-2.02	2.517E+01	-1.06
4	5.008E+04	1.576E+01	1.645E+01	-4.37	1.633E+01	-3.62
5	6.003E+04	1.231E+01	1.244E+01	-1.04	1.237E+01	-.51
6	7.004E+04	9.941E+00	1.030E+01	-3.64	1.026E+01	-3.24
7	7.996E+04	8.826E+00	9.044E+00	-2.47	9.018E+00	-2.18
8	8.992E+04	8.118E+00	8.220E+00	-1.25	8.202E+00	-1.03

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	540	3	74J01	2	1.23E+00	1.04E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.850E+04	5.758E+01	5.778E+01		-.35	5.706E+01		.90
2	5.957E+04	1.236E+01	1.257E+01		-1.70	1.250E+01		-1.15

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	541	11	16HU1	11	1.22E+01	1.18E+01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.160E+04	3.850E+01	4.428E+01		-15.02	4.377E+01		-13.68
2	3.610E+04	3.250E+01	3.206E+01		1.35	3.173E+01		2.38
3	4.220E+04	2.210E+01	2.275E+01		-2.94	2.255E+01		-2.02
4	5.060E+04	1.530E+01	1.616E+01		-5.62	1.605E+01		-4.87
5	5.610E+04	1.270E+01	1.370E+01		-7.89	1.362E+01		-7.24
6	5.960E+04	1.140E+01	1.256E+01		-10.19	1.249E+01		-9.60
7	6.330E+04	1.090E+01	1.160E+01		-6.44	1.155E+01		-5.93
8	6.740E+04	9.770E+00	1.076E+01		-10.09	1.071E+01		-9.63
9	7.210E+04	8.920E+00	9.991E+00		-12.00	9.954E+00		-11.60
10	7.750E+04	7.970E+00	9.305E+00		-16.75	9.276E+00		-16.39
11	8.430E+04	6.900E+00	8.645E+00		-25.29	8.623E+00		-24.97

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	542	14	62WI1	9	2.16E+00	1.65E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	4.012E+04	2.487E+01	2.530E+01		-1.75	2.507E+01		-.79
2	4.298E+04	2.151E+01	2.191E+01		-1.88	2.172E+01		-.99
3	4.540E+04	1.913E+01	1.967E+01		-2.82	1.951E+01		-1.98
4	5.000E+04	1.635E+01	1.649E+01		-.88	1.638E+01		-.15
5	5.752E+04	1.263E+01	1.321E+01		-4.57	1.313E+01		-3.97
6	6.787E+04	1.057E+01	1.067E+01		-.95	1.063E+01		-.53
7	6.884E+04	1.044E+01	1.050E+01		-.59	1.046E+01		-.18
8	7.081E+04	1.004E+01	1.018E+01		-1.42	1.014E+01		-1.04
9	8.654E+04	8.330E+00	8.465E+00		-1.62	8.444E+00		-1.37

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	543	7	77MU1	2	1.54E+00	1.17E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	4.571E+04	1.920E+01	1.941E+01		-1.12	1.926E+01		-.30
2	8.679E+04	8.290E+00	8.446E+00		-1.88	8.425E+00		-1.63

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
13	544	2	76GO1	2	4.58E+00	4.45E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.220E+04	1.540E+01	1.534E+01		.39	1.524E+01		1.06

	2	8.430E+04	8.120E+00	8.645E+00	-6.47	8.623E+00	-6.20	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	545	1	65WE1	1	6.00E+00	5.29E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.236E+04	1.440E+01	1.526E+01	-6.00	1.516E+01	-5.29	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	546	4	78PR1	4	1.64E+00	1.43E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.240E+04	1.520E+01	1.524E+01	-.29	1.514E+01	.38	
	2	6.000E+04	1.240E+01	1.245E+01	-.38	1.238E+01	.15	
	3	7.220E+04	9.820E+00	9.976E+00	-1.59	9.940E+00	-1.22	
	4	8.440E+04	8.400E+00	8.637E+00	-2.82	8.615E+00	-2.56	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	547	3	34HA1	3	1.97E+00	2.05E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.931E+04	1.250E+01	1.265E+01	-1.17	1.258E+01	-.62	
	2	7.278E+04	9.950E+00	9.894E+00	.56	9.859E+00	.91	
	3	8.837E+04	8.600E+00	8.328E+00	3.16	8.309E+00	3.38	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	548	19	36CU1	6	1.80E+00	1.92E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.930E+04	1.249E+01	1.265E+01	-1.28	1.258E+01	-.73	
	2	6.740E+04	1.075E+01	1.076E+01	-.05	1.071E+01	.37	
	3	7.750E+04	9.540E+00	9.305E+00	2.46	9.276E+00	2.77	
	4	8.850E+04	8.550E+00	8.319E+00	2.70	8.300E+00	2.92	
	5	9.530E+04	7.880E+00	7.884E+00	-.05	7.869E+00	.14	
	6	9.920E+04	7.840E+00	7.675E+00	2.10	7.662E+00	2.27	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	549	1	74GO1	1	2.36E+00	1.99E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	7.210E+04	9.760E+00	9.991E+00	-2.36	9.954E+00	-1.99	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	550	6	22DU1	4	2.54E+00	2.73E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	7.500E+04	9.770E+00	9.601E+00	1.73	9.569E+00	2.06	
	2	8.390E+04	8.690E+00	8.679E+00	.12	8.657E+00	.38	
	3	8.980E+04	8.470E+00	8.228E+00	2.86	8.210E+00	3.07	
	4	9.610E+04	8.150E+00	7.839E+00	3.81	7.825E+00	3.99	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	551	6	73GO3	1	6.81E+00	6.53E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	8.400E+04	8.118E+00	8.671E+00	-6.81	8.648E+00	-6.53	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	552	6	64MU1	1	5.26E-01	7.80E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	

	1	8.430E+04	8.691E+00	8.645E+00	.53	8.623E+00	.78	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	553	9	70C01	1	1.99E+00	1.75E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	8.809E+04	8.186E+00	8.349E+00	-1.99	8.329E+00	-1.75	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	539	1	72SA1	1	1.46E+01	1.57E+01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	2.580E+04	8.830E+01	7.545E+01	14.56	7.446E+01	15.68	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	2056	7	84RA01	4	4.65E+00	4.86E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	3.210E+04	4.395E+01	4.257E+01	3.13	4.208E+01	4.25	
	2	5.200E+04	1.604E+01	1.544E+01	3.76	1.533E+01	4.41	
	3	7.300E+04	9.140E+00	9.864E+00	-7.92	9.829E+00	-7.54	
	4	8.420E+04	8.650E+00	8.654E+00	-.04	8.632E+00	.21	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	13	2099	7	81RA01	5	3.03E+00	3.06E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	1.441E+04	4.100E+02	4.010E+02	2.19	3.949E+02	3.68	
	2	2.468E+04	8.600E+01	8.521E+01	.92	8.407E+01	2.24	
	3	3.164E+04	4.460E+01	4.414E+01	1.03	4.363E+01	2.18	
	4	3.560E+04	3.140E+01	3.312E+01	-5.49	3.278E+01	-4.38	
	5	4.200E+04	2.230E+01	2.297E+01	-3.02	2.277E+01	-2.10	
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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	14	625	8	69HI1	4	5.77E+00	4.36E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	1.744E+04	2.930E+02	3.100E+02	-5.80	3.057E+02	-4.34	
	2	1.961E+04	2.090E+02	2.204E+02	-5.44	2.174E+02	-4.01	
	3	2.211E+04	1.470E+02	1.560E+02	-6.14	1.540E+02	-4.73	
	4	2.494E+04	1.050E+02	1.110E+02	-5.70	1.095E+02	-4.33	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	14	627	2	77LA1	1	9.08E+00	7.57E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	1.744E+04	2.842E+02	3.100E+02	-9.08	3.057E+02	-7.57	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	14	628	3	73GI1	2	4.63E+00	3.22E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	1.744E+04	2.952E+02	3.100E+02	-5.01	3.057E+02	-3.56	
	2	2.211E+04	1.497E+02	1.560E+02	-4.22	1.540E+02	-2.84	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	14	630	11	74MI1	8	4.08E+00	2.69E+00	



N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	1.097E+03	1.132E+03	-3.20	1.116E+03	-1.72
2	1.337E+04	6.483E+02	6.756E+02	-4.21	6.660E+02	-2.73
3	1.575E+04	3.980E+02	4.178E+02	-4.96	4.119E+02	-3.49
4	1.744E+04	2.984E+02	3.100E+02	-3.89	3.057E+02	-2.45
5	1.923E+04	2.255E+02	2.332E+02	-3.43	2.301E+02	-2.03
6	2.112E+04	1.723E+02	1.779E+02	-3.25	1.755E+02	-1.87
7	2.311E+04	1.315E+02	1.376E+02	-4.61	1.358E+02	-3.24
8	2.519E+04	1.031E+02	1.079E+02	-4.68	1.065E+02	-3.34

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
14	631	3	74HA1	2	2.84E+00	1.39E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.098E+04	1.172E+03	1.203E+03	-2.63	1.186E+03	-1.15
2	1.439E+04	5.284E+02	5.445E+02	-3.04	5.368E+02	-1.58

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
14	632	1	59RO2	1	1.28E+01	1.12E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.730E+02	3.079E+02	-12.79	3.037E+02	-11.24

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
14	633	1	61AU1	1	1.25E+01	1.09E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	2.756E+02	3.100E+02	-12.48	3.057E+02	-10.93

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
14	634	1	65DE1	1	5.12E+00	3.67E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	2.949E+02	3.100E+02	-5.12	3.057E+02	-3.67

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
14	635	18	77GE1	18	9.24E+00	8.15E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.459E+04	1.045E+02	1.155E+02	-10.49	1.140E+02	-9.06
2	2.460E+04	1.106E+02	1.153E+02	-4.28	1.138E+02	-2.93
3	2.472E+04	1.106E+02	1.138E+02	-2.86	1.123E+02	-1.53
4	2.810E+04	7.640E+01	7.986E+01	-4.53	7.887E+01	-3.24
5	2.826E+04	7.040E+01	7.864E+01	-11.71	7.767E+01	-10.33
6	2.930E+04	6.530E+01	7.134E+01	-9.25	7.048E+01	-7.93
7	3.080E+04	5.830E+01	6.248E+01	-7.17	6.174E+01	-5.91
8	3.170E+04	5.310E+01	5.794E+01	-9.11	5.727E+01	-7.86
9	3.220E+04	5.230E+01	5.563E+01	-6.37	5.500E+01	-5.16
10	3.360E+04	4.600E+01	4.988E+01	-8.44	4.933E+01	-7.25
11	3.530E+04	4.060E+01	4.407E+01	-8.55	4.361E+01	-7.41
12	3.690E+04	3.640E+01	3.954E+01	-8.63	3.914E+01	-7.53
13	3.900E+04	3.080E+01	3.467E+01	-12.55	3.433E+01	-11.47
14	4.110E+04	2.750E+01	3.074E+01	-11.77	3.045E+01	-10.73
15	4.290E+04	2.530E+01	2.795E+01	-10.49	2.770E+01	-9.49
16	4.480E+04	2.290E+01	2.548E+01	-11.25	2.525E+01	-10.28
17	4.710E+04	2.070E+01	2.298E+01	-11.03	2.279E+01	-10.10
18	4.920E+04	1.910E+01	2.109E+01	-10.42	2.092E+01	-9.54



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
14	636	11	68PA1	11	1.28E+01	1.21E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.520E+04	9.750E+01	1.078E+02	-10.57	1.064E+02	-9.15		
2	3.460E+04	4.150E+01	4.633E+01	-11.63	4.583E+01	-10.43		
3	3.970E+04	2.930E+01	3.326E+01	-13.53	3.295E+01	-12.45		
4	4.280E+04	2.520E+01	2.810E+01	-11.49	2.784E+01	-10.48		
5	4.930E+04	1.890E+01	2.101E+01	-11.16	2.084E+01	-10.27		
6	5.710E+04	1.400E+01	1.618E+01	-15.54	1.607E+01	-14.80		
7	6.560E+04	1.160E+01	1.314E+01	-13.29	1.308E+01	-12.73		
8	6.820E+04	1.120E+01	1.248E+01	-11.45	1.242E+01	-10.93		
9	7.420E+04	9.930E+00	1.127E+01	-13.48	1.122E+01	-13.02		
10	7.850E+04	9.420E+00	1.060E+01	-12.48	1.056E+01	-12.07		
11	8.560E+04	8.440E+00	9.730E+00	-15.29	9.701E+00	-14.95		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
14	637	1	65WE1	1	9.80E+00	8.99E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	1.710E+01	1.878E+01	-9.80	1.864E+01	-8.99		

IZ= 15

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
15	645	8	74MI1	8	2.48E+00	1.76E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	1.519E+03	1.491E+03	1.85	1.470E+03	3.21		
2	1.337E+04	8.904E+02	8.920E+02	-.18	8.799E+02	1.17		
3	1.575E+04	5.437E+02	5.525E+02	-1.62	5.451E+02	-.27		
4	1.744E+04	3.999E+02	4.102E+02	-2.58	4.048E+02	-1.23		
5	1.923E+04	2.987E+02	3.086E+02	-3.33	3.046E+02	-1.97		
6	2.112E+04	2.293E+02	2.352E+02	-2.58	2.322E+02	-1.25		
7	2.311E+04	1.759E+02	1.816E+02	-3.22	1.792E+02	-1.90		
8	2.519E+04	1.381E+02	1.421E+02	-2.88	1.403E+02	-1.60		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
15	646	1	72WI1	1	3.03E+00	4.31E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	4.259E+02	4.130E+02	3.03	4.075E+02	4.31		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
15	647	1	59RO2	1	7.35E+00	5.93E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	3.796E+02	4.075E+02	-7.35	4.021E+02	-5.93		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
15	648	1	65WE1	1	8.26E+00	7.42E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	2.130E+01	2.306E+01	-8.26	2.288E+01	-7.42		

IZ= 16

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	655	10	79PU1	6	5.23E+00	5.84E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	2.236E+03	2.258E+03	2.258E+03	-.97	2.228E+03	.35	
2	1.440E+04	9.800E+02	9.295E+02	9.295E+02	5.15	9.177E+02	6.36	
3	2.470E+04	1.900E+02	1.944E+02	1.944E+02	-2.31	1.921E+02	-1.10	
4	3.290E+04	9.200E+01	8.744E+01	8.744E+01	4.95	8.650E+01	5.98	
5	3.690E+04	7.200E+01	6.455E+01	6.455E+01	10.34	6.389E+01	11.26	
6	6.660E+04	1.800E+01	1.800E+01	1.800E+01	.03	1.789E+01	.58	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	656	7	30CO1	4	5.73E+00	4.70E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.746E+04	5.250E+02	5.303E+02	5.303E+02	-1.01	5.236E+02	.26	
2	1.965E+04	3.630E+02	3.760E+02	3.760E+02	-3.59	3.714E+02	-2.31	
3	2.210E+04	2.440E+02	2.675E+02	2.675E+02	-9.65	2.643E+02	-8.32	
4	2.500E+04	1.790E+02	1.878E+02	1.878E+02	-4.92	1.856E+02	-3.69	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	657	36	39HA2	31	4.95E+00	4.21E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	2.257E+03	2.295E+03	2.295E+03	-1.68	2.265E+03	-.35	
2	1.122E+04	1.935E+03	1.917E+03	1.917E+03	.95	1.892E+03	2.24	
3	1.192E+04	1.617E+03	1.609E+03	1.609E+03	.49	1.588E+03	1.78	
4	1.416E+04	9.870E+02	9.761E+02	9.761E+02	1.10	9.637E+02	2.37	
5	1.577E+04	6.630E+02	7.134E+02	7.134E+02	-7.60	7.044E+02	-6.24	
6	1.661E+04	5.600E+02	6.133E+02	6.133E+02	-9.51	6.055E+02	-8.13	
7	1.748E+04	4.857E+02	5.285E+02	5.285E+02	-8.82	5.219E+02	-7.45	
8	2.021E+04	3.319E+02	3.466E+02	3.466E+02	-4.42	3.423E+02	-3.13	
9	2.118E+04	2.959E+02	3.025E+02	3.025E+02	-2.24	2.988E+02	-1.00	
10	2.216E+04	2.437E+02	2.655E+02	2.655E+02	-8.93	2.623E+02	-7.61	
11	2.317E+04	2.206E+02	2.335E+02	2.335E+02	-5.84	2.307E+02	-4.57	
12	2.527E+04	1.730E+02	1.821E+02	1.821E+02	-5.28	1.800E+02	-4.05	
13	2.636E+04	1.541E+02	1.616E+02	1.616E+02	-4.84	1.597E+02	-3.63	
14	2.747E+04	1.372E+02	1.438E+02	1.438E+02	-4.82	1.422E+02	-3.62	
15	3.197E+04	9.876E+01	9.450E+01	9.450E+01	4.31	9.347E+01	5.35	
16	3.219E+04	8.550E+01	9.276E+01	9.276E+01	-8.49	9.175E+01	-7.31	
17	3.472E+04	7.464E+01	7.572E+01	7.572E+01	-1.45	7.493E+01	-.38	
18	3.602E+04	6.836E+01	6.874E+01	6.874E+01	-.55	6.803E+01	.49	
19	3.736E+04	6.080E+01	6.252E+01	6.252E+01	-2.83	6.189E+01	-1.79	
20	4.012E+04	5.058E+01	5.218E+01	5.218E+01	-3.15	5.167E+01	-2.15	
21	4.910E+04	2.970E+01	3.241E+01	3.241E+01	-9.11	3.214E+01	-8.22	
22	5.236E+04	2.698E+01	2.822E+01	2.822E+01	-4.60	2.800E+01	-3.80	
23	5.752E+04	2.279E+01	2.336E+01	2.336E+01	-2.51	2.320E+01	-1.80	
24	5.931E+04	2.139E+01	2.204E+01	2.204E+01	-3.06	2.190E+01	-2.38	
25	6.113E+04	1.994E+01	2.086E+01	2.086E+01	-4.59	2.072E+01	-3.93	
26	6.682E+04	1.732E+01	1.790E+01	1.790E+01	-3.34	1.780E+01	-2.77	
27	6.879E+04	1.634E+01	1.708E+01	1.708E+01	-4.56	1.699E+01	-4.00	
28	7.082E+04	1.592E+01	1.633E+01	1.633E+01	-2.60	1.625E+01	-2.08	
29	7.286E+04	1.552E+01	1.566E+01	1.566E+01	-.88	1.558E+01	-.39	
30	7.496E+04	1.437E+01	1.503E+01	1.503E+01	-4.60	1.496E+01	-4.12	
31	7.710E+04	1.419E+01	1.446E+01	1.446E+01	-1.88	1.439E+01	-1.43	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	658	33	39WR1	33	6.75E+00	5.78E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.416E+04	9.138E+02	9.761E+02	-6.82	9.637E+02	-5.46		
2	1.496E+04	7.547E+02	8.318E+02	-10.22	8.212E+02	-8.82		
3	1.577E+04	6.600E+02	7.134E+02	-8.09	7.044E+02	-6.72		
4	1.661E+04	5.550E+02	6.133E+02	-10.50	6.055E+02	-9.11		
5	1.748E+04	4.949E+02	5.285E+02	-6.79	5.219E+02	-5.46		
6	1.927E+04	3.748E+02	3.980E+02	-6.18	3.930E+02	-4.87		
7	2.021E+04	3.238E+02	3.466E+02	-7.03	3.423E+02	-5.71		
8	2.116E+04	2.924E+02	3.034E+02	-3.75	2.997E+02	-2.48		
9	2.215E+04	2.566E+02	2.658E+02	-3.59	2.626E+02	-2.34		
10	2.316E+04	2.253E+02	2.338E+02	-3.76	2.310E+02	-2.52		
11	2.419E+04	1.961E+02	2.063E+02	-5.22	2.039E+02	-3.97		
12	2.524E+04	1.758E+02	1.828E+02	-3.96	1.806E+02	-2.74		
13	2.633E+04	1.545E+02	1.621E+02	-4.91	1.602E+02	-3.69		
14	2.743E+04	1.381E+02	1.444E+02	-4.56	1.428E+02	-3.37		
15	2.857E+04	1.211E+02	1.288E+02	-6.39	1.274E+02	-5.18		
16	3.091E+04	9.720E+01	1.036E+02	-6.60	1.025E+02	-5.42		
17	3.212E+04	8.801E+01	9.331E+01	-6.02	9.229E+01	-4.87		
18	3.336E+04	7.925E+01	8.424E+01	-6.29	8.334E+01	-5.16		
19	3.463E+04	7.170E+01	7.624E+01	-6.34	7.544E+01	-5.22		
20	3.583E+04	6.444E+01	6.970E+01	-8.15	6.897E+01	-7.04		
21	3.724E+04	5.764E+01	6.304E+01	-9.37	6.240E+01	-8.26		
22	3.999E+04	4.805E+01	5.260E+01	-9.47	5.209E+01	-8.41		
23	5.734E+04	2.187E+01	2.350E+01	-7.47	2.334E+01	-6.73		
24	5.895E+04	2.082E+01	2.230E+01	-7.09	2.215E+01	-6.38		
25	6.062E+04	1.919E+01	2.117E+01	-10.34	2.104E+01	-9.64		
26	6.637E+04	1.689E+01	1.810E+01	-7.15	1.800E+01	-6.55		
27	6.838E+04	1.634E+01	1.725E+01	-5.55	1.715E+01	-4.98		
28	7.024E+04	1.559E+01	1.654E+01	-6.09	1.645E+01	-5.55		
29	7.229E+04	1.474E+01	1.584E+01	-7.45	1.576E+01	-6.93		
30	7.455E+04	1.440E+01	1.515E+01	-5.19	1.508E+01	-4.70		
31	7.639E+04	1.384E+01	1.464E+01	-5.78	1.458E+01	-5.31		
32	9.150E+04	1.140E+01	1.176E+01	-3.12	1.172E+01	-2.81		
33	9.693E+04	1.072E+01	1.108E+01	-3.38	1.105E+01	-3.10		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	659	1	22W11	1	1.40E+01	1.26E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	4.699E+02	5.356E+02	-13.99	5.289E+02	-12.56		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	660	1	59RO2	1	5.92E+00	4.59E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	4.990E+02	5.285E+02	-5.92	5.219E+02	-4.59		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
16	661	13	34GR1	13	2.85E+01	2.81E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.742E+04	5.155E+02	5.338E+02	-3.56	5.271E+02	-2.26		
2	2.217E+04	2.527E+02	2.651E+02	-4.91	2.619E+02	-3.65		
3	2.317E+04	2.300E+02	2.335E+02	-1.51	2.307E+02	-1.30		



4	2.635E+04	1.586E+02	1.617E+02	-1.98	1.599E+02	-.80
5	2.859E+04	1.205E+02	1.286E+02	-6.71	1.271E+02	-5.50
6	3.093E+04	9.550E+01	1.034E+02	-8.30	1.023E+02	-7.11
7	3.466E+04	6.950E+01	7.607E+01	-9.45	7.527E+01	-8.30
8	6.067E+04	1.824E+01	2.114E+01	-15.91	2.101E+01	-15.17
9	6.642E+04	1.544E+01	1.808E+01	-17.07	1.797E+01	-16.41
10	7.029E+04	1.302E+01	1.652E+01	-26.90	1.644E+01	-26.24
11	7.234E+04	1.227E+01	1.582E+01	-28.95	1.575E+01	-28.32
12	7.644E+04	1.124E+01	1.463E+01	-30.14	1.456E+01	-29.56
13	9.700E+04	5.970E+00	1.107E+01	-85.51	1.104E+01	-85.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	662	22	26All	21	6.88E+00	6.97E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.746E+04	5.270E+02	5.303E+02	-.62	5.236E+02	.64	
2	1.970E+04	3.670E+02	3.733E+02	-1.70	3.686E+02	-.45	
3	2.950E+04	1.040E+02	1.178E+02	-13.32	1.165E+02	-12.05	
4	3.100E+04	9.480E+01	1.028E+02	-8.43	1.017E+02	-7.24	
5	3.260E+04	8.410E+01	8.963E+01	-6.58	8.866E+01	-5.43	
6	3.440E+04	7.560E+01	7.760E+01	-2.65	7.679E+01	-1.57	
7	3.650E+04	6.550E+01	6.640E+01	-1.38	6.572E+01	-.34	
8	3.870E+04	5.750E+01	5.713E+01	.64	5.656E+01	1.63	
9	4.130E+04	4.950E+01	4.856E+01	1.90	4.810E+01	2.83	
10	4.430E+04	4.260E+01	4.100E+01	3.75	4.063E+01	4.62	
11	4.770E+04	3.620E+01	3.456E+01	4.52	3.427E+01	5.32	
12	5.170E+04	3.090E+01	2.898E+01	6.20	2.876E+01	6.93	
13	5.640E+04	2.660E+01	2.427E+01	8.76	2.410E+01	9.40	
14	6.200E+04	2.240E+01	2.033E+01	9.22	2.021E+01	9.79	
15	6.530E+04	2.020E+01	1.859E+01	7.96	1.849E+01	8.49	
16	6.890E+04	1.860E+01	1.704E+01	8.38	1.695E+01	8.86	
17	7.290E+04	1.700E+01	1.564E+01	7.97	1.557E+01	8.42	
18	7.650E+04	1.650E+01	1.461E+01	11.44	1.455E+01	11.84	
19	8.270E+04	1.440E+01	1.320E+01	8.32	1.315E+01	8.66	
20	8.980E+04	1.280E+01	1.200E+01	6.28	1.196E+01	6.58	
21	9.540E+04	1.170E+01	1.126E+01	3.77	1.123E+01	4.04	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	663	14	26All	8	8.51E+00	8.71E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.880E+04	1.120E+02	1.260E+02	-12.49	1.246E+02	-11.22	
2	5.170E+04	3.090E+01	2.898E+01	6.20	2.876E+01	6.93	
3	5.640E+04	2.660E+01	2.427E+01	8.76	2.410E+01	9.40	
4	5.930E+04	2.340E+01	2.205E+01	5.76	2.191E+01	6.38	
5	6.700E+04	1.920E+01	1.782E+01	7.18	1.772E+01	7.70	
6	7.170E+04	1.760E+01	1.603E+01	8.90	1.595E+01	9.36	
7	7.750E+04	1.570E+01	1.436E+01	8.56	1.429E+01	8.96	
8	8.860E+04	1.330E+01	1.218E+01	8.45	1.214E+01	8.75	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	664	15	74MI1	8	2.08E+00	1.06E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	1.888E+03	1.921E+03	-1.77	1.896E+03	-.45	
2	1.337E+04	1.123E+03	1.153E+03	-2.71	1.139E+03	-1.39	



3	1.575E+04	7.139E+02	7.160E+02	-.30	7.070E+02	.97	
4	1.744E+04	5.226E+02	5.321E+02	-1.81	5.254E+02	-.53	
5	1.923E+04	3.946E+02	4.004E+02	-1.46	3.954E+02	-.21	
6	2.112E+04	2.964E+02	3.050E+02	-2.91	3.013E+02	-1.66	
7	2.311E+04	2.286E+02	2.352E+02	-2.90	2.324E+02	-1.67	
8	2.519E+04	1.813E+02	1.838E+02	-1.38	1.816E+02	-.19	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	665	11	67MC1	8	5.08E+00	4.45E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	1.655E+02	1.878E+02	-13.48	1.856E+02	-12.14	
2	3.004E+04	1.083E+02	1.121E+02	-3.49	1.108E+02	-2.34	
3	4.004E+04	5.198E+01	5.244E+01	-.88	5.193E+01	.10	
4	5.008E+04	3.041E+01	3.103E+01	-2.05	3.079E+01	-1.23	
5	6.003E+04	2.116E+01	2.156E+01	-1.88	2.142E+01	-1.22	
6	7.004E+04	1.642E+01	1.661E+01	-1.17	1.653E+01	-.65	
7	7.996E+04	1.354E+01	1.378E+01	-1.74	1.372E+01	-1.33	
8	8.992E+04	1.199E+01	1.198E+01	.09	1.194E+01	.41	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	666	1	65WE1	1	8.96E+00	8.13E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	2.590E+01	2.822E+01	-8.96	2.800E+01	-8.13	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	667	9	70CO1	1	1.20E+00	8.65E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	1.211E+01	1.226E+01	-1.20	1.221E+01	-.86	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	668	4	36CU1	1	3.34E+00	3.61E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	9.530E+04	1.166E+01	1.127E+01	3.34	1.124E+01	3.61	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
16	2060	7	84RA01	4	3.21E+00	2.71E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	8.789E+01	9.346E+01	-6.34	9.245E+01	-5.19	
2	5.200E+04	2.881E+01	2.863E+01	.62	2.841E+01	1.38	
3	7.300E+04	1.552E+01	1.561E+01	-.60	1.554E+01	-.11	
4	8.420E+04	1.297E+01	1.292E+01	.41	1.287E+01	.77	
IZ= 17							
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	680	15	74MI1	8	1.02E+00	1.14E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	2.418E+03	2.433E+03	-.60	2.402E+03	.67	
2	1.337E+04	1.447E+03	1.465E+03	-1.26	1.447E+03	.01	
3	1.575E+04	8.962E+02	9.118E+02	-1.74	9.006E+02	-.49	
4	1.744E+04	6.859E+02	6.782E+02	1.12	6.700E+02	2.31	
5	1.923E+04	5.042E+02	5.107E+02	-1.28	5.046E+02	-.08	

6	2.112E+04	3.889E+02	3.891E+02	- .06	3.845E+02	1.12
7	2.311E+04	3.013E+02	3.000E+02	.43	2.965E+02	1.60
8	2.519E+04	2.331E+02	2.342E+02	-.49	2.315E+02	.68

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	681	7	30C01	4	8.67E-01	1.28E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.746E+04	6.740E+02	6.760E+02		-.29	6.678E+02	.92
2	1.965E+04	4.780E+02	4.796E+02		-.34	4.739E+02	.85
3	2.210E+04	3.370E+02	3.413E+02		-1.28	3.373E+02	-.08
4	2.500E+04	2.420E+02	2.394E+02		1.08	2.366E+02	2.24

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	682	36	39HA2	31	6.60E+00	5.72E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	2.557E+03	2.901E+03		-13.47	2.864E+03	-12.02
2	1.122E+04	2.159E+03	2.426E+03		-12.39	2.396E+03	-10.96
3	1.192E+04	1.863E+03	2.040E+03		-9.48	2.014E+03	-8.10
4	1.416E+04	1.138E+03	1.241E+03		-9.07	1.226E+03	-7.71
5	1.577E+04	8.106E+02	9.085E+02		-12.07	8.973E+02	-10.70
6	1.661E+04	7.200E+02	7.814E+02		-8.53	7.719E+02	-7.21
7	1.748E+04	6.372E+02	6.737E+02		-5.73	6.656E+02	-4.46
8	2.021E+04	4.364E+02	4.421E+02		-1.30	4.369E+02	-.10
9	2.118E+04	3.709E+02	3.859E+02		-4.06	3.814E+02	-2.83
10	2.216E+04	3.173E+02	3.386E+02		-6.72	3.346E+02	-5.47
11	2.317E+04	2.882E+02	2.978E+02		-3.33	2.943E+02	-2.11
12	2.527E+04	2.228E+02	2.321E+02		-4.19	2.294E+02	-2.97
13	2.636E+04	1.979E+02	2.058E+02		-3.98	2.034E+02	-2.77
14	2.747E+04	1.752E+02	1.830E+02		-4.46	1.809E+02	-3.26
15	3.197E+04	1.239E+02	1.197E+02		3.39	1.184E+02	4.44
16	3.219E+04	1.063E+02	1.175E+02		-10.49	1.162E+02	-9.30
17	3.472E+04	9.313E+01	9.554E+01		-2.58	9.455E+01	-1.52
18	3.602E+04	8.524E+01	8.655E+01		-1.54	8.568E+01	-.51
19	3.736E+04	7.588E+01	7.854E+01		-3.51	7.777E+01	-2.49
20	4.012E+04	6.316E+01	6.523E+01		-3.28	6.462E+01	-2.31
21	4.910E+04	3.575E+01	3.979E+01		-11.31	3.947E+01	-10.39
22	5.236E+04	3.220E+01	3.441E+01		-6.86	3.414E+01	-6.03
23	5.752E+04	2.786E+01	2.816E+01		-1.09	2.797E+01	-.38
24	5.931E+04	2.568E+01	2.647E+01		-3.08	2.629E+01	-2.39
25	6.113E+04	2.381E+01	2.494E+01		-4.76	2.478E+01	-4.09
26	6.682E+04	2.012E+01	2.115E+01		-5.12	2.103E+01	-4.52
27	6.879E+04	1.933E+01	2.011E+01		-4.02	2.000E+01	-3.45
28	7.082E+04	1.825E+01	1.915E+01		-4.91	1.905E+01	-4.36
29	7.286E+04	1.762E+01	1.828E+01		-3.75	1.819E+01	-3.23
30	7.496E+04	1.668E+01	1.748E+01		-4.81	1.740E+01	-4.30
31	7.710E+04	1.667E+01	1.675E+01		-.48	1.667E+01	-.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	683	31	39WR1	31	8.45E+00	9.00E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.577E+04	9.138E+02	9.085E+02		.58	8.973E+02	1.80
2	1.661E+04	7.795E+02	7.814E+02		-.25	7.719E+02	.98
3	1.748E+04	6.834E+02	6.737E+02		1.42	6.656E+02	2.61

4	1.927E+04	5.174E+02	5.076E+02	1.90	5.016E+02	3.06
5	2.021E+04	4.598E+02	4.421E+02	3.85	4.369E+02	4.99
6	2.116E+04	4.116E+02	3.870E+02	5.98	3.824E+02	7.08
7	2.215E+04	3.584E+02	3.391E+02	5.39	3.351E+02	6.51
8	2.316E+04	3.204E+02	2.982E+02	6.94	2.947E+02	8.04
9	2.419E+04	2.742E+02	2.631E+02	4.05	2.600E+02	5.18
10	2.524E+04	2.485E+02	2.329E+02	6.27	2.302E+02	7.36
11	2.633E+04	2.101E+02	2.064E+02	1.74	2.040E+02	2.88
12	2.743E+04	1.935E+02	1.838E+02	5.02	1.817E+02	6.12
13	2.857E+04	1.728E+02	1.638E+02	5.21	1.619E+02	6.29
14	3.091E+04	1.376E+02	1.314E+02	4.50	1.300E+02	5.55
15	3.212E+04	1.222E+02	1.182E+02	3.31	1.169E+02	4.35
16	3.336E+04	1.076E+02	1.065E+02	1.03	1.054E+02	2.08
17	3.463E+04	9.780E+01	9.621E+01	1.63	9.521E+01	2.64
18	3.583E+04	8.960E+01	8.778E+01	2.03	8.689E+01	3.02
19	3.724E+04	8.020E+01	7.921E+01	1.23	7.843E+01	2.20
20	3.999E+04	6.820E+01	6.578E+01	3.55	6.516E+01	4.46
21	5.734E+04	3.270E+01	2.834E+01	13.32	2.815E+01	13.92
22	5.895E+04	3.030E+01	2.679E+01	11.57	2.661E+01	12.16
23	6.062E+04	2.780E+01	2.535E+01	8.80	2.519E+01	9.39
24	6.637E+04	2.550E+01	2.141E+01	16.06	2.128E+01	16.54
25	6.838E+04	2.350E+01	2.031E+01	13.55	2.020E+01	14.03
26	7.024E+04	2.220E+01	1.941E+01	12.57	1.931E+01	13.03
27	7.229E+04	2.140E+01	1.851E+01	13.49	1.842E+01	13.93
28	7.455E+04	2.060E+01	1.763E+01	14.41	1.755E+01	14.83
29	7.639E+04	2.020E+01	1.698E+01	15.92	1.690E+01	16.31
30	9.150E+04	1.510E+01	1.332E+01	11.76	1.328E+01	12.06
31	9.693E+04	1.420E+01	1.248E+01	12.13	1.244E+01	12.39

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	684	1	22W11	1	8.63E-01	2.06E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	6.887E+02	6.828E+02		.86	6.745E+02	2.06

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	685	1	59R02	1	7.28E+00	5.99E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	6.280E+02	6.737E+02		-7.28	6.656E+02	-5.99

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	686	1	65W11	1	7.87E+00	7.03E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	3.190E+01	3.441E+01		-7.87	3.414E+01	-7.03

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
17	2059	7	84RA01	4	9.31E+00	8.62E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	1.000E+02	1.184E+02		-18.36	1.171E+02	-17.08
2	5.200E+04	3.450E+01	3.494E+01		-1.28	3.467E+01	-.48
3	7.300E+04	1.812E+01	1.823E+01		-.58	1.813E+01	-.07
4	8.420E+04	1.440E+01	1.479E+01		-2.73	1.473E+01	-2.32



IZ= 18

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
18	707	9	75LO1	1	1.74E+00	5.41E-01	
N	E		ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	2.979E+03		3.031E+03	-1.74	2.995E+03	- .54

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
18	709	15	74MI1	8	1.20E+00	6.33E-01	
N	E		ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	3.023E+03		3.031E+03	-.26	2.995E+03	.92
2	1.337E+04	1.822E+03		1.832E+03	-.53	1.811E+03	.63
3	1.575E+04	1.132E+03		1.143E+03	-.95	1.130E+03	.19
4	1.744E+04	8.469E+02		8.511E+02	-.50	8.415E+02	.64
5	1.923E+04	6.360E+02		6.414E+02	-.85	6.342E+02	.28
6	2.112E+04	4.785E+02		4.889E+02	-2.18	4.835E+02	-1.05
7	2.311E+04	3.714E+02		3.769E+02	-1.48	3.728E+02	-.38
8	2.519E+04	2.897E+02		2.941E+02	-1.51	2.910E+02	-.44

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
18	710	7	70MC2	3	1.11E+00	5.78E-01	
N	E		ATEX	ATTHS	PES	ATTHSR	PESR
1	2.738E+04	2.300E+02		2.317E+02	-.73	2.293E+02	.30
2	4.423E+04	6.210E+01		6.285E+01	-1.20	6.230E+01	-.32
3	8.809E+04	1.570E+01		1.590E+01	-1.30	1.584E+01	-.90

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
18	711	7	30CO1	4	6.47E+00	7.36E+00	
N	E		ATEX	ATTHS	PES	ATTHSR	PESR
1	1.746E+04	8.540E+02		8.483E+02	.67	8.387E+02	1.79
2	1.965E+04	6.450E+02		6.025E+02	6.59	5.957E+02	7.64
3	2.210E+04	4.530E+02		4.288E+02	5.34	4.241E+02	6.38
4	2.500E+04	3.330E+02		3.005E+02	9.75	2.974E+02	10.70

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
18	712	11	62BU1	9	3.69E+00	3.43E+00	
N	E		ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	4.180E+03		4.189E+03	-.22	4.139E+03	.97
2	1.100E+04	3.170E+03		3.198E+03	-.89	3.160E+03	.30
3	1.200E+04	2.440E+03		2.496E+03	-2.30	2.467E+03	-1.11
4	1.300E+04	1.940E+03		1.985E+03	-2.33	1.962E+03	-1.15
5	1.400E+04	1.622E+03		1.605E+03	1.07	1.586E+03	2.20
6	1.500E+04	1.347E+03		1.316E+03	2.33	1.301E+03	3.45
7	1.700E+04	8.350E+02		9.164E+02	-9.75	9.060E+02	-8.51
8	2.000E+04	5.640E+02		5.725E+02	-1.50	5.661E+02	-.36
9	2.400E+04	3.470E+02		3.380E+02	2.60	3.344E+02	3.64

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
18	714	1	63CH1	1	4.51E+00	3.33E+00	
N	E		ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	8.090E+02		8.455E+02	-4.51	8.359E+02	-3.33

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
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18	715	10	29SC1	9	1.85E+01	1.79E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.945E+04	1.473E+02	1.884E+02	-27.92	1.865E+02	-26.63		
2	3.220E+04	1.267E+02	1.467E+02	-15.80	1.453E+02	-14.65		
3	3.542E+04	9.290E+01	1.128E+02	-21.47	1.117E+02	-20.29		
4	3.936E+04	7.230E+01	8.501E+01	-17.58	8.421E+01	-16.47		
5	4.428E+04	6.080E+01	6.267E+01	-3.07	6.212E+01	-2.17		
6	5.060E+04	4.110E+01	4.522E+01	-10.02	4.486E+01	-9.15		
7	5.932E+04	3.340E+01	3.169E+01	5.12	3.147E+01	5.78		
8	7.125E+04	2.550E+01	2.219E+01	12.97	2.207E+01	13.44		
9	8.919E+04	2.270E+01	1.564E+01	31.11	1.558E+01	31.38		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
18	716	3	62WI1	2	1.09E+00	5.91E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.298E+04	6.700E+01	6.760E+01	-.90	6.700E+01	.00		
2	8.654E+04	1.610E+01	1.630E+01	-1.24	1.623E+01	-.84		

IZ= 19

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
19	718	1	22WI1	1	8.14E-01	2.97E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	1.052E+03	1.061E+03	-.81	1.049E+03	.30		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
19	719	1	65WE1	1	1.35E+01	1.26E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	4.440E+01	5.039E+01	-13.48	5.000E+01	-12.60		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
19	720	13	36CU1	5	4.70E+00	5.16E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	3.930E+01	3.783E+01	3.74	3.756E+01	4.42		
2	6.740E+04	2.980E+01	2.890E+01	3.01	2.872E+01	3.62		
3	7.750E+04	2.375E+01	2.228E+01	6.18	2.217E+01	6.66		
4	8.850E+04	1.927E+01	1.800E+01	6.58	1.793E+01	6.97		
5	9.530E+04	1.661E+01	1.621E+01	2.40	1.615E+01	2.75		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
19	2062	7	84RA01	4	7.94E+00	7.28E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	1.590E+02	1.831E+02	-15.13	1.813E+02	-14.05		
2	5.200E+04	5.025E+01	5.123E+01	-1.94	5.083E+01	-1.15		
3	7.300E+04	2.405E+01	2.480E+01	-3.12	2.466E+01	-2.53		
4	8.420E+04	1.884E+01	1.943E+01	-3.11	1.934E+01	-2.65		

IZ= 20

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
20	724	6	77CR1	5	9.58E+00	8.69E+00		

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.193E+04	3.390E+03	3.794E+03	-11.90	3.752E+03	-10.67
2	1.747E+04	1.178E+03	1.282E+03	-8.83	1.269E+03	-7.69
3	2.217E+04	6.160E+02	6.461E+02	-4.88	6.394E+02	-3.80
4	2.528E+04	3.870E+02	4.428E+02	-14.43	4.384E+02	-13.29
5	2.862E+04	3.190E+02	3.104E+02	2.69	3.074E+02	3.63

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
20	725	1	22W11	1	3.36E+00	4.38E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	1.342E+03	1.297E+03	3.36	1.283E+03	4.38

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
20	726	28	39WR1	28	6.31E+00	5.79E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.927E+04	8.646E+02	9.673E+02	-11.88	9.571E+02	-10.70
2	2.021E+04	7.716E+02	8.434E+02	-9.30	8.346E+02	-8.16
3	2.116E+04	6.892E+02	7.389E+02	-7.21	7.312E+02	-6.10
4	2.215E+04	6.096E+02	6.477E+02	-6.26	6.411E+02	-5.16
5	2.316E+04	5.360E+02	5.697E+02	-6.29	5.639E+02	-5.20
6	2.419E+04	4.682E+02	5.027E+02	-7.36	4.976E+02	-6.28
7	2.524E+04	4.201E+02	4.449E+02	-5.89	4.404E+02	-4.84
8	2.633E+04	3.723E+02	3.940E+02	-5.84	3.901E+02	-4.79
9	2.743E+04	3.311E+02	3.505E+02	-5.84	3.470E+02	-4.81
10	2.857E+04	2.947E+02	3.120E+02	-5.86	3.090E+02	-4.84
11	3.091E+04	2.305E+02	2.494E+02	-8.21	2.470E+02	-7.18
12	3.212E+04	2.078E+02	2.238E+02	-7.69	2.217E+02	-6.67
13	3.336E+04	1.887E+02	2.012E+02	-6.60	1.993E+02	-5.60
14	3.463E+04	1.692E+02	1.812E+02	-7.09	1.795E+02	-6.08
15	3.583E+04	1.534E+02	1.648E+02	-7.43	1.633E+02	-6.43
16	3.724E+04	1.391E+02	1.481E+02	-6.49	1.468E+02	-5.50
17	3.999E+04	1.211E+02	1.219E+02	-.66	1.208E+02	.25
18	5.734E+04	4.940E+01	4.862E+01	1.57	4.825E+01	2.32
19	5.895E+04	4.650E+01	4.559E+01	1.95	4.525E+01	2.68
20	6.062E+04	4.260E+01	4.277E+01	-.40	4.246E+01	.32
21	6.637E+04	3.670E+01	3.506E+01	4.47	3.483E+01	5.09
22	6.838E+04	3.420E+01	3.294E+01	3.70	3.273E+01	4.30
23	7.024E+04	3.280E+01	3.117E+01	4.96	3.099E+01	5.53
24	7.229E+04	3.120E+01	2.943E+01	5.66	2.926E+01	6.21
25	7.455E+04	2.990E+01	2.772E+01	7.28	2.757E+01	7.79
26	7.639E+04	2.850E+01	2.647E+01	7.12	2.633E+01	7.61
27	9.150E+04	2.060E+01	1.947E+01	5.50	1.939E+01	5.89
28	9.693E+04	1.860E+01	1.787E+01	3.90	1.781E+01	4.27

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
20	727	4	80PR1	4	4.64E-01	6.30E-01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.240E+04	6.000E+01	6.038E+01	-.63	5.990E+01	.17
2	6.000E+04	4.400E+01	4.378E+01	.49	4.346E+01	1.22
3	7.220E+04	2.940E+01	2.951E+01	-.36	2.934E+01	.22
4	8.440E+04	2.210E+01	2.217E+01	-.31	2.207E+01	.15

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
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20	728	1	65WE1	1	1.52E+01	1.43E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	5.250E+01	6.049E+01	-15.22	6.001E+01	-14.30		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
20	2061	7	84RA01	4	3.54E+00	3.61E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	2.320E+02	2.242E+02	3.38	2.220E+02	4.29		
2	5.200E+04	5.958E+01	6.153E+01	-3.27	6.104E+01	-2.45		
3	7.300E+04	2.979E+01	2.887E+01	3.08	2.871E+01	3.63		
4	8.420E+04	2.134E+01	2.226E+01	-4.30	2.215E+01	-3.82		

IZ= 21

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
21	737	16	67CA1	4	5.82E+00	6.76E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	6.815E+03	6.408E+03	5.97	6.339E+03	6.98		
2	1.122E+04	5.524E+03	5.402E+03	2.20	5.344E+03	3.25		
3	1.261E+04	4.217E+03	3.899E+03	7.54	3.858E+03	8.52		
4	1.577E+04	2.210E+03	2.074E+03	6.17	2.052E+03	7.14		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
21	2091	3	82RA01	1	1.10E+00	1.67E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.210E+04	3.480E+01	3.442E+01	1.10	3.422E+01	1.67		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
21	2100	7	81RA01	5	2.99E+00	2.83E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.441E+04	2.721E+03	2.678E+03	1.58	2.650E+03	2.62		
2	2.468E+04	5.840E+02	5.751E+02	1.52	5.698E+02	2.42		
3	3.164E+04	2.840E+02	2.829E+02	.37	2.804E+02	1.28		
4	3.560E+04	1.970E+02	2.030E+02	-3.05	2.012E+02	-2.12		
5	4.200E+04	1.220E+02	1.287E+02	-5.51	1.276E+02	-4.59		

IZ= 22

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
22	752	15	61SW1	11	3.14E+00	2.38E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	7.564E+03	7.607E+03	-.57	7.528E+03	.48		
2	1.192E+04	5.416E+03	5.412E+03	.08	5.356E+03	1.12		
3	1.329E+04	3.961E+03	4.001E+03	-1.01	3.960E+03	.03		
4	1.578E+04	2.362E+03	2.473E+03	-4.69	2.448E+03	-3.63		
5	1.663E+04	2.020E+03	2.132E+03	-5.53	2.111E+03	-4.48		
6	1.748E+04	1.758E+03	1.850E+03	-5.26	1.832E+03	-4.22		
7	1.862E+04	1.511E+03	1.546E+03	-2.30	1.531E+03	-1.31		
8	1.961E+04	1.296E+03	1.333E+03	-2.88	1.321E+03	-1.90		
9	2.118E+04	1.050E+03	1.070E+03	-1.89	1.060E+03	-.92		
10	2.216E+04	9.147E+02	9.399E+02	-2.76	9.311E+02	-1.79		



11	2.527E+04	6.363E+02	6.454E+02	-1.42	6.393E+02	-0.47	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	753	5	69DE1	2	1.78E+00	1.01E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.500E+04	2.829E+03	2.852E+03	-0.82	2.823E+03	0.20	
2	2.000E+04	1.231E+03	1.260E+03	-2.39	1.248E+03	-1.41	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	755	3	64KA1	2	5.65E+00	4.65E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	1.758E+03	1.875E+03	-6.64	1.856E+03	-5.59	
2	2.210E+04	9.070E+02	9.473E+02	-4.44	9.383E+02	-3.45	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	756	23	59DE1	18	1.15E+00	1.88E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	7.733E+03	7.587E+03	1.89	7.508E+03	2.91	
2	1.098E+04	6.864E+03	6.793E+03	1.03	6.722E+03	2.06	
3	1.122E+04	6.492E+03	6.399E+03	1.44	6.332E+03	2.46	
4	1.249E+04	4.826E+03	4.754E+03	1.49	4.705E+03	2.50	
5	1.339E+04	3.991E+03	3.918E+03	1.82	3.878E+03	2.83	
6	1.496E+04	2.920E+03	2.874E+03	1.59	2.844E+03	2.59	
7	1.577E+04	2.531E+03	2.477E+03	2.13	2.452E+03	3.11	
8	1.748E+04	1.867E+03	1.850E+03	.89	1.832E+03	1.86	
9	1.767E+04	1.816E+03	1.794E+03	1.19	1.777E+03	2.16	
10	1.961E+04	1.325E+03	1.333E+03	-.63	1.321E+03	.33	
11	2.021E+04	1.223E+03	1.223E+03	-.02	1.212E+03	.93	
12	2.216E+04	9.435E+02	9.399E+02	.38	9.311E+02	1.32	
13	2.322E+04	8.138E+02	8.223E+02	-1.04	8.145E+02	-.09	
14	2.494E+04	6.715E+02	6.701E+02	.21	6.638E+02	1.15	
15	2.527E+04	6.400E+02	6.454E+02	-.84	6.393E+02	.11	
16	2.848E+04	4.587E+02	4.584E+02	.06	4.542E+02	.98	
17	2.919E+04	4.261E+02	4.273E+02	-.29	4.234E+02	.63	
18	3.049E+04	3.774E+02	3.774E+02	-.01	3.740E+02	.90	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	757	4	76CH1	4	3.45E+00	3.31E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.500E+04	2.770E+03	2.852E+03	-2.97	2.823E+03	-1.92	
2	3.090E+04	3.500E+02	3.633E+02	-3.81	3.601E+02	-2.88	
3	3.590E+04	2.370E+02	2.378E+02	-.32	2.358E+02	.51	
4	5.540E+04	7.800E+01	7.416E+01	4.92	7.362E+01	5.62	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	758	30	39WR1	30	3.83E+00	3.39E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.661E+04	2.064E+03	2.139E+03	-3.63	2.118E+03	-2.60	
2	1.748E+04	1.726E+03	1.850E+03	-7.21	1.832E+03	-6.16	
3	1.927E+04	1.363E+03	1.402E+03	-2.83	1.388E+03	-1.85	
4	2.021E+04	1.193E+03	1.223E+03	-2.54	1.212E+03	-1.56	
5	2.116E+04	1.048E+03	1.073E+03	-2.36	1.063E+03	-1.39	
6	2.215E+04	9.116E+02	9.412E+02	-3.24	9.323E+02	-2.27	



7	2.316E+04	8.002E+02	8.284E+02	-3.52	8.205E+02	-2.54
8	2.419E+04	7.063E+02	7.313E+02	-3.54	7.244E+02	-2.57
9	2.524E+04	6.295E+02	6.476E+02	-2.87	6.415E+02	-1.90
10	2.633E+04	5.544E+02	5.738E+02	-3.49	5.684E+02	-2.52
11	2.743E+04	4.928E+02	5.104E+02	-3.57	5.056E+02	-2.60
12	2.857E+04	4.415E+02	4.543E+02	-2.91	4.501E+02	-1.95
13	3.091E+04	3.482E+02	3.630E+02	-4.25	3.597E+02	-3.32
14	3.212E+04	3.181E+02	3.255E+02	-2.32	3.226E+02	-1.42
15	3.336E+04	2.877E+02	2.924E+02	-1.62	2.898E+02	-.75
16	3.463E+04	2.534E+02	2.631E+02	-3.83	2.609E+02	-2.95
17	3.583E+04	2.336E+02	2.391E+02	-2.34	2.371E+02	-1.49
18	3.724E+04	2.085E+02	2.146E+02	-2.91	2.128E+02	-2.07
19	3.999E+04	1.746E+02	1.761E+02	-.83	1.747E+02	-.03
20	5.734E+04	7.021E+01	6.806E+01	3.07	6.757E+01	3.76
21	5.895E+04	6.640E+01	6.358E+01	4.25	6.313E+01	4.92
22	6.062E+04	5.901E+01	5.941E+01	-.68	5.901E+01	.01
23	6.637E+04	4.912E+01	4.803E+01	2.21	4.772E+01	2.85
24	6.838E+04	4.547E+01	4.490E+01	1.25	4.461E+01	1.88
25	7.024E+04	4.304E+01	4.230E+01	1.71	4.204E+01	2.32
26	7.229E+04	4.010E+01	3.974E+01	.90	3.950E+01	1.51
27	7.455E+04	3.752E+01	3.722E+01	.80	3.700E+01	1.40
28	7.639E+04	3.532E+01	3.538E+01	-.16	3.517E+01	.43
29	9.150E+04	2.292E+01	2.508E+01	-9.41	2.496E+01	-8.90
30	9.693E+04	2.072E+01	2.275E+01	-9.78	2.265E+01	-9.31

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	759	1	67M11	1	5.35E-01	4.15E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.211E+04	9.410E+02	9.460E+02		-.53	9.371E+02	.41

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	760	13	67MC1	9	1.60E+00	1.78E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	6.793E+02	6.655E+02		2.03	6.592E+02	2.95
2	3.004E+04	3.970E+02	3.938E+02		.82	3.902E+02	1.72
3	3.506E+04	2.582E+02	2.541E+02		1.58	2.520E+02	2.41
4	4.004E+04	1.781E+02	1.754E+02		1.49	1.740E+02	2.27
5	5.008E+04	9.536E+01	9.607E+01		-.75	9.533E+01	.03
6	6.003E+04	5.977E+01	6.083E+01		-1.78	6.041E+01	-1.07
7	7.004E+04	4.177E+01	4.257E+01		-1.92	4.230E+01	-1.28
8	7.996E+04	3.179E+01	3.225E+01		-1.45	3.207E+01	-.89
9	8.992E+04	2.535E+01	2.586E+01		-2.00	2.573E+01	-1.51

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	761	5	67KN1	4	3.99E+00	3.46E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.264E+04	3.030E+02	3.110E+02		-2.64	3.083E+02	-1.74
2	4.153E+04	1.583E+02	1.587E+02		-.24	1.574E+02	.56
3	6.817E+04	4.340E+01	4.521E+01		-4.17	4.492E+01	-3.51
4	7.950E+04	3.070E+01	3.262E+01		-6.27	3.244E+01	-5.67

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
22	762	1	65WE1	1	1.28E+01	1.19E+01	

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	7.590E+01	8.560E+01	-12.79	8.495E+01	-11.93
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	763	9	70C01	1	2.99E-01	7.88E-01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	2.691E+01	2.683E+01	.30	2.670E+01	.79
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	747	19	66HU1	2	3.42E+00	4.43E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	7.882E+03	7.587E+03	3.74	7.508E+03	4.75
2	1.084E+04	7.262E+03	7.039E+03	3.07	6.965E+03	4.08
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	748	17	67CA1	4	7.49E+00	8.31E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	7.770E+03	7.587E+03	2.35	7.508E+03	3.37
2	1.122E+04	6.585E+03	6.399E+03	2.83	6.332E+03	3.84
3	1.261E+04	5.146E+03	4.630E+03	10.03	4.582E+03	10.96
4	1.577E+04	2.768E+03	2.477E+03	10.51	2.452E+03	11.41
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	749	18	68HO1	3	1.85E+00	2.78E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	6.494E+03	6.399E+03	1.47	6.332E+03	2.49
2	1.192E+04	5.447E+03	5.412E+03	.65	5.356E+03	1.68
3	1.577E+04	2.548E+03	2.477E+03	2.78	2.452E+03	3.76
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	750	13	69DA1	2	1.06E+00	2.04E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.191E+04	5.455E+03	5.424E+03	.57	5.368E+03	1.59
2	1.337E+04	3.990E+03	3.935E+03	1.39	3.894E+03	2.40
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	751	12	60EH1	1	2.46E+00	3.47E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.192E+04	5.548E+03	5.412E+03	2.46	5.356E+03	3.47
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
22	2066	7	84RA01	4	3.71E+00	3.45E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	3.320E+02	3.261E+02	1.79	3.232E+02	2.65
2	5.200E+04	8.614E+01	8.714E+01	-1.16	8.647E+01	-.39
3	7.300E+04	3.774E+01	3.891E+01	-3.11	3.868E+01	-2.48
4	8.420E+04	2.742E+01	2.917E+01	-6.40	2.902E+01	-5.84

IZ= 23

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
23	775	15	67CA1	3	8.72E+00	9.26E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	7.672E+03	7.529E+03	1.86	7.458E+03	2.79
2	1.261E+04	5.430E+03	5.460E+03	-.56	5.409E+03	.39
3	1.577E+04	3.443E+03	2.927E+03	14.98	2.899E+03	15.79

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
23	776	16	68HO1	2	2.70E+00	3.55E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	7.810E+03	7.529E+03	3.60	7.458E+03	4.51
2	1.417E+04	4.000E+03	3.949E+03	1.27	3.912E+03	2.20

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
23	777	12	69DA1	3	1.02E+00	1.91E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.053E+04	9.093E+03	8.953E+03	1.55	8.867E+03	2.49
2	1.337E+04	4.675E+03	4.643E+03	.69	4.599E+03	1.63
3	1.746E+04	2.209E+03	2.197E+03	.53	2.176E+03	1.47

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
23	778	6	65CO1	2	3.31E+00	3.52E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.130E+03	2.190E+03	-2.82	2.169E+03	-1.85
2	2.216E+04	1.160E+03	1.117E+03	3.73	1.106E+03	4.62

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
23	779	10	74PA1	5	2.04E+00	2.74E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	4.160E+03	4.167E+03	-.17	4.127E+03	.78
2	1.780E+04	2.080E+03	2.081E+03	-.03	2.061E+03	.91
3	2.080E+04	1.370E+03	1.338E+03	2.37	1.325E+03	3.28
4	2.640E+04	6.870E+02	6.777E+02	1.36	6.715E+02	2.26
5	3.210E+04	4.030E+02	3.883E+02	3.65	3.849E+02	4.49

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
23	781	30	39WR1	30	7.31E+00	6.59E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.661E+04	2.371E+03	2.530E+03	-6.69	2.506E+03	-5.67
2	1.748E+04	2.005E+03	2.190E+03	-9.23	2.169E+03	-8.20
3	1.927E+04	1.498E+03	1.662E+03	-10.93	1.646E+03	-9.89
4	2.021E+04	1.310E+03	1.452E+03	-10.81	1.438E+03	-9.77
5	2.116E+04	1.166E+03	1.274E+03	-9.24	1.262E+03	-8.22
6	2.215E+04	1.023E+03	1.118E+03	-9.31	1.108E+03	-8.29
7	2.316E+04	9.060E+02	9.847E+02	-8.69	9.756E+02	-7.68
8	2.419E+04	8.040E+02	8.698E+02	-8.18	8.617E+02	-7.18
9	2.524E+04	6.980E+02	7.704E+02	-10.38	7.633E+02	-9.36
10	2.633E+04	6.390E+02	6.828E+02	-6.86	6.766E+02	-5.88
11	2.743E+04	5.590E+02	6.076E+02	-8.69	6.020E+02	-7.70
12	2.857E+04	5.110E+02	5.409E+02	-5.86	5.361E+02	-4.90
13	3.091E+04	3.920E+02	4.323E+02	-10.28	4.285E+02	-9.31
14	3.212E+04	3.690E+02	3.876E+02	-5.05	3.842E+02	-4.13
15	3.336E+04	3.230E+02	3.482E+02	-7.79	3.451E+02	-6.86
16	3.463E+04	2.920E+02	3.133E+02	-7.28	3.106E+02	-6.36
17	3.583E+04	2.590E+02	2.846E+02	-9.87	2.822E+02	-8.95



18	3.724E+04	2.350E+02	2.553E+02	-8.65	2.532E+02	-7.74
19	3.999E+04	1.899E+02	2.093E+02	-10.20	2.076E+02	-9.31
20	5.734E+04	7.690E+01	7.995E+01	-3.96	7.938E+01	-3.23
21	5.895E+04	7.340E+01	7.458E+01	-1.61	7.406E+01	-.90
22	6.062E+04	6.630E+01	6.959E+01	-4.96	6.911E+01	-4.24
23	6.637E+04	5.410E+01	5.593E+01	-3.39	5.558E+01	-2.73
24	6.838E+04	5.210E+01	5.217E+01	-.14	5.185E+01	.48
25	7.024E+04	4.950E+01	4.906E+01	.89	4.876E+01	1.49
26	7.229E+04	4.640E+01	4.598E+01	.91	4.571E+01	1.49
27	7.455E+04	4.470E+01	4.296E+01	3.89	4.271E+01	4.44
28	7.639E+04	4.130E+01	4.075E+01	1.33	4.052E+01	1.88
29	9.150E+04	3.020E+01	2.844E+01	5.82	2.830E+01	6.28
30	9.693E+04	2.720E+01	2.567E+01	5.64	2.555E+01	6.08

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
23	782	4	80PR1	4	2.32E+00	2.78E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.240E+04	1.030E+02	1.008E+02		2.17	1.000E+02	2.90
2	6.000E+04	7.100E+01	7.138E+01		-.53	7.089E+01	.16
3	7.220E+04	4.800E+01	4.611E+01		3.94	4.584E+01	4.51
4	8.440E+04	3.350E+01	3.318E+01		.96	3.300E+01	1.48

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
23	783	1	65WE1	1	9.39E+00	8.57E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	9.230E+01	1.010E+02		-9.39	1.002E+02	-8.57

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
23	784	10	76HA1	1	1.92E+00	1.22E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.960E+04	7.120E+01	7.257E+01		-1.92	7.207E+01	-1.22

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
24	795	9	59HO1	3	1.62E+01	1.70E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.004E+04	1.286E+04	1.186E+04		7.78	1.173E+04	8.78
2	1.240E+04	7.857E+03	6.758E+03		13.98	6.685E+03	14.92
3	1.408E+04	6.130E+03	4.723E+03		22.95	4.676E+03	23.72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
24	796	3	64KA1	2	1.53E+00	8.93E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.547E+03	2.601E+03		-2.11	2.577E+03	-1.18
2	2.210E+04	1.321E+03	1.327E+03		-.45	1.315E+03	.46

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
24	797	1	22WI1	1	4.94E-01	4.27E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.588E+03	2.601E+03		-.49	2.577E+03	.43



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
24	798	1	72DI1	1	7.26E-01	1.64E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.744E+04	2.603E+03	2.584E+03		.73	2.560E+03	1.64	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
24	799	28	39WR1	28	7.87E+00	7.36E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	2.341E+03	2.568E+03		-9.68	2.544E+03	-8.67	
2	1.927E+04	1.803E+03	1.954E+03		-8.35	1.936E+03	-7.36	
3	2.021E+04	1.564E+03	1.709E+03		-9.25	1.693E+03	-8.25	
4	2.116E+04	1.379E+03	1.501E+03		-8.83	1.487E+03	-7.84	
5	2.215E+04	1.217E+03	1.318E+03		-8.34	1.307E+03	-7.36	
6	2.316E+04	1.088E+03	1.162E+03		-6.77	1.151E+03	-5.81	
7	2.419E+04	9.570E+02	1.026E+03		-7.25	1.017E+03	-6.29	
8	2.524E+04	8.290E+02	9.093E+02		-9.69	9.012E+02	-8.71	
9	2.633E+04	7.390E+02	8.060E+02		-9.07	7.989E+02	-8.10	
10	2.743E+04	6.440E+02	7.172E+02		-11.36	7.109E+02	-10.39	
11	2.857E+04	5.760E+02	6.385E+02		-10.85	6.330E+02	-9.89	
12	3.091E+04	4.530E+02	5.102E+02		-12.62	5.059E+02	-11.69	
13	3.212E+04	4.160E+02	4.574E+02		-9.96	4.537E+02	-9.06	
14	3.336E+04	3.730E+02	4.108E+02		-10.13	4.075E+02	-9.25	
15	3.463E+04	3.430E+02	3.696E+02		-7.75	3.667E+02	-6.90	
16	3.583E+04	3.198E+02	3.357E+02		-4.97	3.331E+02	-4.15	
17	3.724E+04	2.826E+02	3.011E+02		-6.56	2.988E+02	-5.74	
18	3.999E+04	2.361E+02	2.467E+02		-4.50	2.448E+02	-3.70	
19	5.734E+04	9.930E+01	9.343E+01		5.91	9.276E+01	6.59	
20	5.895E+04	9.280E+01	8.704E+01		6.20	8.644E+01	6.86	
21	6.062E+04	8.350E+01	8.110E+01		2.87	8.055E+01	3.53	
22	6.637E+04	6.860E+01	6.487E+01		5.44	6.447E+01	6.02	
23	6.838E+04	6.370E+01	6.040E+01		5.18	6.004E+01	5.75	
24	7.024E+04	6.030E+01	5.670E+01		5.96	5.637E+01	6.52	
25	7.229E+04	5.610E+01	5.305E+01		5.44	5.274E+01	5.99	
26	7.455E+04	5.350E+01	4.946E+01		7.56	4.918E+01	8.08	
27	7.639E+04	5.020E+01	4.683E+01		6.70	4.657E+01	7.23	
28	9.693E+04	2.870E+01	2.891E+01		-.74	2.878E+01	-.28	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
24	800	1	65CO1	1	4.42E-01	4.68E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.216E+04	1.311E+03	1.317E+03		-.44	1.305E+03	.47	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
24	801	1	65WE1	1	1.17E+01	1.09E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	1.060E+02	1.184E+02		-11.74	1.175E+02	-10.85	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
24	2065	7	84RA01	4	2.79E+00	2.73E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	4.750E+02	4.582E+02		3.53	4.545E+02	4.32	
2	5.200E+04	1.160E+02	1.206E+02		-4.00	1.197E+02	-3.16	
3	7.300E+04	5.106E+01	5.187E+01		-1.59	5.157E+01	-1.00	

4 8.420E+04 3.792E+01 3.802E+01 -.26 3.782E+01 .26

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
25	806	1	22WI1	1	4.16E+00	5.02E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	3.169E+03	3.037E+03		4.16	3.010E+03		5.02

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
25	807	1	67MI1	1	9.37E-01	6.69E-02		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.211E+04	1.534E+03	1.548E+03		-.94	1.535E+03		-.07

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
25	808	24	39WR1	24	8.87E+00	8.23E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.215E+04	1.346E+03	1.540E+03		-14.45	1.527E+03		-13.46
2	2.316E+04	1.233E+03	1.358E+03		-10.13	1.346E+03		-9.18
3	2.419E+04	1.056E+03	1.200E+03		-13.67	1.190E+03		-12.70
4	2.524E+04	9.374E+02	1.064E+03		-13.52	1.055E+03		-12.55
5	2.633E+04	8.634E+02	9.438E+02		-9.31	9.358E+02		-8.38
6	2.743E+04	7.676E+02	8.402E+02		-9.46	8.331E+02		-8.53
7	2.857E+04	6.759E+02	7.484E+02		-10.73	7.421E+02		-9.80
8	3.091E+04	5.182E+02	5.985E+02		-15.50	5.935E+02		-14.52
9	3.212E+04	4.736E+02	5.367E+02		-13.33	5.322E+02		-12.38
10	3.336E+04	4.262E+02	4.821E+02		-13.12	4.781E+02		-12.17
11	3.463E+04	3.895E+02	4.338E+02		-11.36	4.301E+02		-10.42
12	3.583E+04	3.756E+02	3.940E+02		-4.89	3.907E+02		-4.01
13	3.724E+04	3.287E+02	3.534E+02		-7.50	3.504E+02		-6.60
14	3.999E+04	2.704E+02	2.893E+02		-7.00	2.869E+02		-6.11
15	5.734E+04	1.105E+02	1.087E+02		1.64	1.079E+02		2.33
16	5.895E+04	1.032E+02	1.012E+02		1.97	1.005E+02		2.65
17	6.062E+04	8.965E+01	9.416E+01		-5.04	9.353E+01		-4.32
18	6.637E+04	7.644E+01	7.501E+01		1.87	7.454E+01		2.49
19	6.838E+04	7.170E+01	6.974E+01		2.74	6.931E+01		3.34
20	7.024E+04	6.607E+01	6.537E+01		1.06	6.497E+01		1.66
21	7.229E+04	6.257E+01	6.105E+01		2.43	6.069E+01		3.01
22	7.455E+04	5.821E+01	5.681E+01		2.41	5.648E+01		2.97
23	7.639E+04	5.455E+01	5.371E+01		1.54	5.341E+01		2.10
24	9.693E+04	3.351E+01	3.256E+01		2.83	3.242E+01		3.26

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
25	809	1	65WE1	1	7.92E+00	7.11E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	1.280E+02	1.381E+02		-7.92	1.371E+02		-7.11

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
25	2063	7	84RA01	4	4.23E+00	3.82E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	5.280E+02	5.377E+02		-1.84	5.332E+02		-.98
2	5.200E+04	1.310E+02	1.407E+02		-7.41	1.397E+02		-6.61

3	7.300E+04	6.116E+01	5.966E+01	2.45	5.931E+01	3.02
4	8.420E+04	4.217E+01	4.330E+01	-2.67	4.308E+01	-2.15

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	817	17	67CA1	5	4.92E+00	5.72E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.474E+04	1.372E+04	6.92	1.358E+04	7.86	
2	1.122E+04	1.220E+04	1.163E+04	4.65	1.152E+04	5.60	
3	1.261E+04	9.106E+03	8.493E+03	6.73	8.411E+03	7.63	
4	1.577E+04	4.729E+03	4.613E+03	2.46	4.571E+03	3.33	
5	1.661E+04	3.997E+03	3.997E+03	.01	3.961E+03	.90	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	819	29	26AL1	6	5.18E+00	5.99E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.060E+04	1.480E+04	1.355E+04	8.47	1.341E+04	9.39	
2	1.137E+04	1.190E+04	1.123E+04	5.67	1.111E+04	6.61	
3	1.240E+04	9.460E+03	8.887E+03	6.05	8.801E+03	6.96	
4	1.362E+04	6.950E+03	6.891E+03	.85	6.827E+03	1.77	
5	1.657E+04	4.170E+03	4.023E+03	3.52	3.988E+03	4.38	
6	1.749E+04	3.560E+03	3.463E+03	2.72	3.433E+03	3.58	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	820	21	26AL1	19	3.32E+00	3.13E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.950E+04	7.700E+02	7.952E+02	-3.28	7.887E+02	-2.43	
2	3.100E+04	6.720E+02	6.910E+02	-2.83	6.854E+02	-1.99	
3	3.260E+04	5.800E+02	5.992E+02	-3.31	5.944E+02	-2.48	
4	3.440E+04	5.010E+02	5.147E+02	-2.73	5.106E+02	-1.91	
5	3.650E+04	4.310E+02	4.354E+02	-1.02	4.320E+02	-.23	
6	3.870E+04	3.660E+02	3.693E+02	-.89	3.664E+02	-.11	
7	4.130E+04	3.060E+02	3.077E+02	-.57	3.054E+02	.20	
8	4.430E+04	2.550E+02	2.531E+02	.73	2.512E+02	1.47	
9	4.770E+04	2.060E+02	2.064E+02	-.20	2.049E+02	.53	
10	5.170E+04	1.620E+02	1.658E+02	-2.34	1.646E+02	-1.62	
11	5.640E+04	1.300E+02	1.314E+02	-1.08	1.305E+02	-.38	
12	6.200E+04	9.920E+01	1.027E+02	-3.50	1.020E+02	-2.81	
13	6.530E+04	8.620E+01	8.998E+01	-4.38	8.940E+01	-3.71	
14	6.890E+04	7.600E+01	7.871E+01	-3.56	7.822E+01	-2.92	
15	7.290E+04	6.500E+01	6.861E+01	-5.56	6.820E+01	-4.92	
16	7.650E+04	6.300E+01	6.120E+01	2.85	6.085E+01	3.41	
17	8.270E+04	5.400E+01	5.122E+01	5.16	5.094E+01	5.68	
18	8.980E+04	4.500E+01	4.283E+01	4.81	4.261E+01	5.30	
19	9.540E+04	4.000E+01	3.782E+01	5.44	3.764E+01	5.91	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	821	17	26AL1	10	4.02E+00	4.39E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.930E+04	1.170E+02	1.152E+02	1.54	1.144E+02	2.20	
2	6.390E+04	9.270E+01	9.505E+01	-2.53	9.443E+01	-1.87	



3	6.700E+04	8.350E+01	8.436E+01	-1.03	8.383E+01	- .39
4	7.170E+04	7.230E+01	7.141E+01	1.23	7.098E+01	1.83
5	7.750E+04	6.120E+01	5.938E+01	2.97	5.904E+01	3.53
6	8.210E+04	5.520E+01	5.206E+01	5.69	5.177E+01	6.21
7	8.550E+04	5.010E+01	4.759E+01	5.02	4.733E+01	5.52
8	8.860E+04	4.640E+01	4.407E+01	5.02	4.384E+01	5.51
9	9.180E+04	4.270E+01	4.091E+01	4.19	4.070E+01	4.68
10	9.840E+04	3.800E+01	3.557E+01	6.39	3.540E+01	6.83

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	822	11	69DA1	3	4.11E-01	1.21E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.053E+04	1.388E+04	1.379E+04		.65	1.365E+04	1.66
2	1.415E+04	6.197E+03	6.210E+03		-.21	6.153E+03	.71
3	1.662E+04	3.997E+03	3.990E+03		.18	3.954E+03	1.07

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	823	10	60EH1	1	3.65E+00	4.59E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.192E+04	1.026E+04	9.886E+03		3.65	9.789E+03	4.59

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	824	13	69DE1	5	7.47E-01	4.41E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	1.582E+04	1.583E+04		-.06	1.567E+04	.95
2	1.500E+04	5.257E+03	5.294E+03		-.70	5.246E+03	.21
3	2.000E+04	2.358E+03	2.382E+03		-1.01	2.361E+03	-.12
4	2.494E+04	1.268E+03	1.279E+03		-.89	1.268E+03	-.03
5	4.000E+04	3.342E+02	3.366E+02		-.71	3.340E+02	.07

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	825	9	9BA1	3	1.18E+01	1.16E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	1.243E+04	1.375E+04		-10.65	1.362E+04	-9.54
2	1.220E+04	1.078E+04	9.286E+03		13.86	9.196E+03	14.70
3	2.216E+04	1.614E+03	1.786E+03		-10.63	1.770E+03	-9.67

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	826	6	65CO1	2	5.96E-01	1.47E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	3.488E+03	3.469E+03		.55	3.438E+03	1.43
2	2.216E+04	1.797E+03	1.786E+03		.64	1.770E+03	1.50

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	828	2	59BA1	1	3.22E+00	4.08E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	3.607E+03	3.491E+03		3.22	3.460E+03	4.08

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	829	22	32MA1	15	3.99E+00	4.65E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.144E+04	1.196E+04	1.104E+04		7.68	1.093E+04	8.60
2	1.158E+04	1.113E+04	1.069E+04		3.98	1.058E+04	4.93



3	1.338E+04	7.446E+03	7.232E+03	2.87	7.164E+03	3.78
4	1.748E+04	3.487E+03	3.469E+03	.52	3.438E+03	1.41
5	1.961E+04	2.643E+03	2.517E+03	4.78	2.495E+03	5.62
6	2.080E+04	2.179E+03	2.134E+03	2.08	2.115E+03	2.94
7	2.216E+04	1.882E+03	1.786E+03	5.13	1.770E+03	5.95
8	2.230E+04	1.836E+03	1.754E+03	4.46	1.739E+03	5.29
9	2.450E+04	1.391E+03	1.345E+03	3.29	1.334E+03	4.12
10	2.494E+04	1.354E+03	1.279E+03	5.52	1.268E+03	6.33
11	2.527E+04	1.289E+03	1.233E+03	4.38	1.222E+03	5.19
12	2.770E+04	9.370E+02	9.505E+02	-1.44	9.426E+02	-.60
13	2.849E+04	8.990E+02	8.777E+02	2.37	8.705E+02	3.17
14	3.200E+04	6.400E+02	6.316E+02	1.32	6.265E+02	2.12
15	3.870E+04	3.570E+02	3.693E+02	-3.44	3.664E+02	-2.63

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	831	3	64KA1	2	3.48E+00	2.68E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	3.357E+03	3.513E+03	-4.66	3.482E+03	-3.73		
2	2.210E+04	1.771E+03	1.799E+03	-1.59	1.784E+03	-.71		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	832	20	59DE1	17	8.04E-01	7.51E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	1.378E+04	1.372E+04	.44	1.358E+04	1.45		
2	1.098E+04	1.224E+04	1.233E+04	-.71	1.220E+04	.30		
3	1.122E+04	1.166E+04	1.163E+04	.23	1.152E+04	1.23		
4	1.249E+04	8.699E+03	8.715E+03	-.19	8.631E+03	.78		
5	1.339E+04	7.149E+03	7.218E+03	-.96	7.150E+03	-.01		
6	1.496E+04	5.319E+03	5.333E+03	-.26	5.284E+03	.65		
7	1.577E+04	4.584E+03	4.613E+03	-.63	4.571E+03	.27		
8	1.748E+04	3.441E+03	3.469E+03	-.81	3.438E+03	.09		
9	1.767E+04	3.356E+03	3.366E+03	-.30	3.336E+03	.59		
10	1.961E+04	2.494E+03	2.517E+03	-.91	2.495E+03	-.02		
11	2.021E+04	2.313E+03	2.313E+03	.00	2.293E+03	.88		
12	2.216E+04	1.767E+03	1.786E+03	-1.05	1.770E+03	-.17		
13	2.494E+04	1.274E+03	1.279E+03	-.41	1.268E+03	.44		
14	2.527E+04	1.205E+03	1.233E+03	-2.29	1.222E+03	-1.42		
15	2.848E+04	8.749E+02	8.786E+02	-.42	8.713E+02	.41		
16	2.919E+04	8.218E+02	8.194E+02	.29	8.127E+02	1.11		
17	3.049E+04	7.194E+02	7.242E+02	-.67	7.183E+02	.15		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	833	20	21HE1	20	5.98E+00	5.38E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.232E+04	8.503E+03	9.044E+03	-6.36	8.956E+03	-5.33		
2	1.290E+04	7.384E+03	7.986E+03	-8.15	7.910E+03	-7.12		
3	1.360E+04	6.519E+03	6.919E+03	-6.13	6.854E+03	-5.14		
4	1.440E+04	5.619E+03	5.920E+03	-5.36	5.866E+03	-4.39		
5	1.530E+04	4.854E+03	5.014E+03	-3.29	4.968E+03	-2.36		
6	1.620E+04	4.233E+03	4.283E+03	-1.17	4.244E+03	-.27		
7	1.730E+04	3.444E+03	3.570E+03	-3.66	3.538E+03	-2.74		
8	1.860E+04	2.879E+03	2.918E+03	-1.35	2.892E+03	-.45		
9	2.010E+04	2.272E+03	2.349E+03	-3.37	2.328E+03	-2.46		

10	2.180E+04	1.799E+03	1.870E+03	-3.93	1.853E+03	-3.03
11	2.380E+04	1.437E+03	1.460E+03	-1.60	1.447E+03	-.73
12	2.630E+04	1.040E+03	1.101E+03	-5.85	1.092E+03	-4.96
13	2.940E+04	7.530E+02	8.029E+02	-6.63	7.963E+02	-5.75
14	3.320E+04	5.250E+02	5.691E+02	-8.39	5.645E+02	-7.52
15	3.830E+04	3.490E+02	3.802E+02	-8.94	3.772E+02	-8.09
16	4.680E+04	1.970E+02	2.175E+02	-10.41	2.159E+02	-9.60
17	5.900E+04	1.080E+02	1.167E+02	-8.09	1.159E+02	-7.36
18	6.930E+04	8.010E+01	7.760E+01	3.13	7.711E+01	3.73
19	8.050E+04	5.750E+01	5.442E+01	5.36	5.412E+01	5.89
20	9.540E+04	4.050E+01	3.782E+01	6.61	3.764E+01	7.07

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	834	1	22WI1	1	2.58E+00	1.67E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	3.425E+03	3.513E+03	-2.58	3.482E+03	-1.67	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	835	1	61BA2	1	4.88E-01	4.05E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	3.474E+03	3.491E+03	-.49	3.460E+03	.41	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	836	1	67PA1	1	6.56E-01	1.54E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	3.514E+03	3.491E+03	.66	3.460E+03	1.54	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	837	21	39WR1	21	8.42E+00	7.61E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.927E+04	2.311E+03	2.643E+03	-14.37	2.620E+03	-13.36	
2	2.021E+04	2.127E+03	2.313E+03	-8.74	2.293E+03	-7.79	
3	2.116E+04	1.853E+03	2.033E+03	-9.72	2.015E+03	-8.76	
4	2.215E+04	1.625E+03	1.788E+03	-10.02	1.772E+03	-9.06	
5	2.316E+04	1.443E+03	1.577E+03	-9.27	1.563E+03	-8.32	
6	2.419E+04	1.276E+03	1.394E+03	-9.29	1.383E+03	-8.35	
7	2.524E+04	1.113E+03	1.237E+03	-11.12	1.226E+03	-10.17	
8	2.633E+04	9.938E+02	1.097E+03	-10.41	1.088E+03	-9.49	
9	2.743E+04	8.881E+02	9.772E+02	-10.04	9.691E+02	-9.12	
10	2.857E+04	7.929E+02	8.708E+02	-9.82	8.636E+02	-8.92	
11	3.336E+04	5.261E+02	5.614E+02	-6.71	5.569E+02	-5.85	
12	3.724E+04	3.886E+02	4.115E+02	-5.88	4.082E+02	-5.05	
13	3.999E+04	3.136E+02	3.368E+02	-7.40	3.342E+02	-6.57	
14	5.734E+04	1.156E+02	1.258E+02	-8.82	1.249E+02	-8.08	
15	5.895E+04	1.108E+02	1.170E+02	-5.59	1.162E+02	-4.88	
16	6.062E+04	1.007E+02	1.088E+02	-8.05	1.081E+02	-7.33	
17	6.637E+04	8.016E+01	8.638E+01	-7.75	8.583E+01	-7.07	
18	7.024E+04	7.116E+01	7.507E+01	-5.50	7.461E+01	-4.85	
19	7.455E+04	6.355E+01	6.504E+01	-2.35	6.466E+01	-1.75	
20	7.639E+04	6.066E+01	6.141E+01	-1.24	6.105E+01	-.65	
21	9.693E+04	3.605E+01	3.664E+01	-1.64	3.646E+01	-1.15	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
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26	838	6	14BR1	6	9.38E+00	1.01E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.016E+04	2.380E+03	2.329E+03	2.14	2.309E+03	3.00		
2	2.152E+04	2.140E+03	1.939E+03	9.39	1.922E+03	10.18		
3	2.238E+04	1.870E+03	1.737E+03	7.14	1.721E+03	7.94		
4	2.309E+04	1.770E+03	1.590E+03	10.16	1.576E+03	10.93		
5	2.440E+04	1.620E+03	1.361E+03	16.00	1.349E+03	16.71		
6	2.525E+04	1.300E+03	1.235E+03	4.97	1.225E+03	5.78		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	839	1	67MI1	1	2.26E-01	1.09E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.211E+04	1.801E+03	1.797E+03	.23	1.781E+03	1.09		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	840	12	67MC1	8	7.03E-01	1.00E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	1.272E+03	1.271E+03	.11	1.260E+03	.96		
2	3.004E+04	7.573E+02	7.554E+02	.25	7.492E+02	1.07		
3	4.004E+04	3.373E+02	3.356E+02	.50	3.330E+02	1.27		
4	5.008E+04	1.824E+02	1.807E+02	.92	1.794E+02	1.63		
5	6.003E+04	1.119E+02	1.116E+02	.27	1.108E+02	.94		
6	7.004E+04	7.520E+01	7.560E+01	-.53	7.513E+01	.09		
7	7.996E+04	5.490E+01	5.526E+01	-.66	5.495E+01	-.09		
8	8.992E+04	4.212E+01	4.271E+01	-1.41	4.249E+01	-.89		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	841	5	67KN1	3	2.26E+00	1.57E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	5.800E+02	5.971E+02	-2.95	5.923E+02	-2.12		
2	4.153E+04	2.995E+02	3.030E+02	-1.17	3.007E+02	-.39		
3	6.817E+04	7.900E+01	8.081E+01	-2.29	8.030E+01	-1.65		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	842	6	62WI1	6	2.75E+00	3.01E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.012E+04	3.310E+02	3.337E+02	-.83	3.312E+02	-.05		
2	4.298E+04	2.736E+02	2.753E+02	-.63	2.733E+02	.13		
3	4.540E+04	2.374E+02	2.365E+02	.37	2.348E+02	1.11		
4	6.884E+04	7.817E+01	7.888E+01	-.91	7.839E+01	-.28		
5	7.081E+04	7.854E+01	7.361E+01	6.28	7.316E+01	6.85		
6	8.654E+04	4.729E+01	4.635E+01	1.98	4.611E+01	2.50		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
26	843	7	23RI1	7	5.03E+00	4.55E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.130E+04	2.920E+02	3.077E+02	-5.39	3.054E+02	-4.58		
2	4.510E+04	2.290E+02	2.409E+02	-5.19	2.391E+02	-4.41		
3	4.960E+04	1.740E+02	1.855E+02	-6.62	1.842E+02	-5.86		
4	5.510E+04	1.340E+02	1.398E+02	-4.31	1.388E+02	-3.59		
5	6.200E+04	9.700E+01	1.027E+02	-5.84	1.020E+02	-5.15		
6	7.290E+04	6.900E+01	6.861E+01	.56	6.820E+01	1.16		
7	8.260E+04	5.400E+01	5.135E+01	4.90	5.107E+01	5.42		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	844	1	65WE1	1	9.74E+00	8.97E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	1.460E+02	1.602E+02	-9.74	1.591E+02	-8.97	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	845	4	78PR1	4	3.18E+00	2.62E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.240E+04	1.580E+02	1.599E+02	-1.20	1.588E+02	-.48	
2	6.000E+04	1.080E+02	1.117E+02	-3.46	1.110E+02	-2.77	
3	7.220E+04	6.700E+01	7.022E+01	-4.81	6.980E+01	-4.18	
4	8.440E+04	4.800E+01	4.896E+01	-1.99	4.869E+01	-1.44	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	846	9	70CO1	1	6.07E-01	1.13E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	4.489E+01	4.462E+01	.61	4.438E+01	1.13	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	818	222	71DE1	5	4.20E-01	1.05E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	1.597E+04	1.583E+04	.88	1.567E+04	1.88	
2	1.500E+04	5.286E+03	5.294E+03	-.15	5.246E+03	.76	
3	2.000E+04	2.376E+03	2.382E+03	-.24	2.361E+03	.64	
4	2.494E+04	1.278E+03	1.279E+03	-.10	1.268E+03	.75	
5	4.000E+04	3.361E+02	3.366E+02	-.14	3.340E+02	.64	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
26	2064	7	84RA01	4	1.04E+01	1.03E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	7.030E+02	6.260E+02	10.95	6.210E+02	11.67	
2	5.200E+04	1.470E+02	1.632E+02	-11.04	1.621E+02	-10.25	
3	7.300E+04	7.056E+01	6.839E+01	3.08	6.798E+01	3.66	
4	8.420E+04	4.336E+01	4.921E+01	-13.50	4.895E+01	-12.89	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	874	16	67CA1	4	4.31E+00	4.27E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.504E+04	1.566E+04	-4.11	1.551E+04	-3.14	
2	1.122E+04	1.304E+04	1.330E+04	-2.01	1.318E+04	-1.07	
3	1.261E+04	9.512E+03	9.727E+03	-2.26	9.640E+03	-1.34	
4	1.577E+04	5.685E+03	5.290E+03	6.94	5.244E+03	7.75	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	875	16	68HO1	6	2.99E+00	3.80E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	1.360E+04	1.330E+04	2.19	1.318E+04	3.09	
2	1.192E+04	1.162E+04	1.132E+04	2.61	1.121E+04	3.50	
3	1.577E+04	5.431E+03	5.290E+03	2.59	5.244E+03	3.43	



4	2.218E+04	2.154E+03	2.054E+03	4.63	2.037E+03	5.42	
5	2.317E+04	1.864E+03	1.817E+03	2.50	1.802E+03	3.30	
6	2.525E+04	1.468E+03	1.427E+03	2.79	1.415E+03	3.59	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	876	4	65CO1	2	6.54E-01	9.11E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	3.953E+03	3.985E+03		-.80	3.951E+03	.06
2	2.216E+04	2.069E+03	2.060E+03		.46	2.042E+03	1.29
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	877	10	59HO1	3	1.41E+01	1.49E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.004E+04	1.986E+04	1.783E+04		10.20	1.767E+04	11.05
2	1.240E+04	1.213E+04	1.018E+04		16.09	1.009E+04	16.85
3	1.408E+04	8.510E+03	7.213E+03		15.24	7.149E+03	15.99
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	878	3	64KA1	2	2.16E+00	1.30E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	3.944E+03	4.036E+03		-2.32	4.001E+03	-1.45
2	2.210E+04	2.035E+03	2.075E+03		-1.98	2.058E+03	-1.13
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	879	1	22WI1	1	8.22E+00	7.30E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	3.729E+03	4.036E+03		-8.22	4.001E+03	-7.30
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	880	27	39WR1	27	6.53E+00	5.81E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	3.805E+03	3.985E+03		-4.72	3.951E+03	-3.83
2	1.927E+04	2.907E+03	3.042E+03		-4.63	3.016E+03	-3.75
3	2.021E+04	2.634E+03	2.664E+03		-1.15	2.642E+03	-.30
4	2.116E+04	2.269E+03	2.344E+03		-3.29	2.324E+03	-2.43
5	2.215E+04	1.996E+03	2.062E+03		-3.31	2.045E+03	-2.45
6	2.316E+04	1.688E+03	1.820E+03		-7.80	1.805E+03	-6.91
7	2.419E+04	1.506E+03	1.610E+03		-6.92	1.597E+03	-6.03
8	2.524E+04	1.347E+03	1.429E+03		-6.06	1.417E+03	-5.19
9	2.633E+04	1.208E+03	1.268E+03		-4.97	1.258E+03	-4.11
10	2.743E+04	1.049E+03	1.130E+03		-7.69	1.120E+03	-6.81
11	2.857E+04	9.560E+02	1.007E+03		-5.32	9.987E+02	-4.47
12	3.091E+04	7.517E+02	8.059E+02		-7.21	7.995E+02	-6.36
13	3.212E+04	6.736E+02	7.230E+02		-7.33	7.173E+02	-6.49
14	3.463E+04	5.280E+02	5.845E+02		-10.70	5.800E+02	-9.85
15	3.583E+04	4.801E+02	5.309E+02		-10.58	5.269E+02	-9.75
16	3.724E+04	4.320E+02	4.762E+02		-10.23	4.726E+02	-9.40
17	3.999E+04	3.467E+02	3.898E+02		-12.43	3.869E+02	-11.59
18	5.734E+04	1.381E+02	1.450E+02		-4.98	1.439E+02	-4.22
19	5.895E+04	1.280E+02	1.347E+02		-5.25	1.338E+02	-4.50
20	6.062E+04	1.141E+02	1.252E+02		-9.70	1.243E+02	-8.94
21	6.637E+04	9.524E+01	9.906E+01		-4.01	9.841E+01	-3.33
22	6.838E+04	8.888E+01	9.186E+01		-3.35	9.128E+01	-2.70

23	7.024E+04	8.261E+01	8.590E+01	-3.98	8.537E+01	-3.34
24	7.229E+04	7.673E+01	8.001E+01	-4.27	7.953E+01	-3.64
25	7.455E+04	7.164E+01	7.423E+01	-3.61	7.379E+01	-3.00
26	7.639E+04	6.746E+01	7.000E+01	-3.76	6.959E+01	-3.16
27	9.693E+04	4.113E+01	4.117E+01	-.10	4.097E+01	.38

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	881	10	62W11	8	4.59E+00	3.92E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	3.699E+02	3.863E+02	-4.42	3.834E+02	-3.65	
2	4.298E+04	3.014E+02	3.187E+02	-5.73	3.163E+02	-4.93	
3	4.540E+04	2.544E+02	2.737E+02	-7.58	2.716E+02	-6.76	
4	5.000E+04	2.035E+02	2.098E+02	-3.12	2.082E+02	-2.33	
5	5.752E+04	1.389E+02	1.438E+02	-3.51	1.427E+02	-2.76	
6	6.787E+04	9.160E+01	9.361E+01	-2.19	9.301E+01	-1.54	
7	7.081E+04	8.230E+01	8.420E+01	-2.30	8.368E+01	-1.67	
8	8.654E+04	4.990E+01	5.247E+01	-5.16	5.220E+01	-4.60	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	882	7	23R11	7	3.60E+00	3.26E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.130E+04	3.420E+02	3.562E+02	-4.14	3.535E+02	-3.36	
2	4.510E+04	2.700E+02	2.788E+02	-3.24	2.766E+02	-2.46	
3	4.960E+04	2.070E+02	2.145E+02	-3.62	2.129E+02	-2.83	
4	5.510E+04	1.570E+02	1.613E+02	-2.72	1.601E+02	-1.96	
5	6.200E+04	1.170E+02	1.180E+02	-.88	1.172E+02	-.19	
6	6.890E+04	8.800E+01	9.013E+01	-2.42	8.956E+01	-1.78	
7	8.260E+04	6.200E+01	5.829E+01	5.98	5.798E+01	6.49	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	883	1	65W11	1	4.86E+00	4.06E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	1.765E+02	1.851E+02	-4.86	1.837E+02	-4.06	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
27	2069	7	84RA01	4	6.51E+00	6.61E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	7.750E+02	7.242E+02	6.55	7.186E+02	7.28	
2	5.200E+04	1.760E+02	1.886E+02	-7.14	1.871E+02	-6.33	
3	7.300E+04	8.500E+01	7.812E+01	8.10	7.765E+01	8.65	
4	8.420E+04	5.408E+01	5.580E+01	-3.19	5.550E+01	-2.63	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	895	22	28J01	3	4.74E+00	5.53E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.872E+04	1.775E+04	5.20	1.759E+04	6.03	
2	1.123E+04	1.599E+04	1.507E+04	5.75	1.494E+04	6.57	
3	1.748E+04	4.669E+03	4.544E+03	2.67	4.506E+03	3.49	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
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28	897	17	67CA1	5	4.63E+00	4.76E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	1.813E+04	1.775E+04	2.12	1.759E+04	2.98		
2	1.122E+04	1.528E+04	1.511E+04	1.14	1.497E+04	2.00		
3	1.261E+04	1.134E+04	1.106E+04	2.47	1.096E+04	3.31		
4	1.577E+04	6.346E+03	6.020E+03	5.13	5.969E+03	5.94		
5	1.661E+04	4.825E+03	5.225E+03	-8.29	5.181E+03	-7.37		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	898	18	66HU1	3	5.95E-01	5.12E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.027E+04	1.901E+04	1.902E+04	-.06	1.886E+04	.81		
2	1.055E+04	1.759E+04	1.775E+04	-.89	1.759E+04	.00		
3	1.084E+04	1.645E+04	1.654E+04	-.52	1.639E+04	.35		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	900	19	68HO1	6	9.30E-01	1.59E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.122E+04	1.499E+04	1.511E+04	-.77	1.497E+04	.10		
2	1.192E+04	1.290E+04	1.286E+04	.28	1.275E+04	1.14		
3	1.577E+04	6.078E+03	6.020E+03	.95	5.969E+03	1.80		
4	2.218E+04	2.389E+03	2.355E+03	1.43	2.336E+03	2.24		
5	2.317E+04	2.103E+03	2.085E+03	.88	2.068E+03	1.68		
6	2.525E+04	1.653E+03	1.638E+03	.89	1.625E+03	1.69		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	902	12	26AL1	6	2.41E+00	2.16E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	1.706E+04	1.753E+04	-2.75	1.738E+04	-1.85		
2	1.137E+04	1.443E+04	1.459E+04	-1.07	1.446E+04	-.20		
3	1.240E+04	1.150E+04	1.157E+04	-.62	1.147E+04	.24		
4	1.362E+04	8.580E+03	8.977E+03	-4.62	8.900E+03	-3.73		
5	1.657E+04	5.360E+03	5.260E+03	1.87	5.215E+03	2.71		
6	1.749E+04	4.580E+03	4.537E+03	.93	4.499E+03	1.77		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	903	18	26AL1	16	3.29E+00	3.38E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.440E+04	6.530E+02	6.852E+02	-4.93	6.800E+02	-4.13		
2	3.650E+04	5.610E+02	5.798E+02	-3.36	5.755E+02	-2.58		
3	3.870E+04	4.750E+02	4.919E+02	-3.55	4.882E+02	-2.78		
4	4.130E+04	4.000E+02	4.099E+02	-2.48	4.069E+02	-1.72		
5	4.430E+04	3.290E+02	3.371E+02	-2.45	3.346E+02	-1.70		
6	4.770E+04	2.760E+02	2.746E+02	.52	2.726E+02	1.24		
7	5.170E+04	2.220E+02	2.200E+02	.89	2.185E+02	1.57		
8	5.640E+04	1.820E+02	1.737E+02	4.54	1.726E+02	5.15		
9	6.200E+04	1.410E+02	1.351E+02	4.21	1.343E+02	4.79		
10	6.530E+04	1.240E+02	1.180E+02	4.85	1.173E+02	5.41		
11	6.890E+04	1.070E+02	1.028E+02	3.89	1.022E+02	4.45		
12	7.290E+04	9.260E+01	8.926E+01	3.61	8.874E+01	4.17		
13	7.650E+04	7.800E+01	7.929E+01	-1.65	7.884E+01	-1.07		
14	8.270E+04	6.530E+01	6.583E+01	-.82	6.547E+01	-.26		
15	8.980E+04	5.560E+01	5.453E+01	1.92	5.425E+01	2.43		



16	9.540E+04	4.970E+01	4.777E+01	3.87	4.754E+01	4.34		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	905	11	69DA1	3	4.15E-01	6.06E-01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	1.506E+04	1.514E+04	-.54	1.501E+04	.33		
2	1.415E+04	8.053E+03	8.091E+03	-.47	8.021E+03	.39		
3	1.662E+04	5.220E+03	5.216E+03	.07	5.172E+03	.91		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	906	9	9BA1	3	8.90E+00	7.98E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	1.618E+04	1.779E+04	-9.95	1.763E+04	-8.99		
2	1.122E+04	1.377E+04	1.511E+04	-9.70	1.497E+04	-8.75		
3	2.216E+04	2.213E+03	2.361E+03	-6.68	2.341E+03	-5.80		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	907	6	65C01	2	7.32E-01	1.26E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	4.524E+03	4.544E+03	-.45	4.506E+03	.40		
2	2.216E+04	2.383E+03	2.361E+03	.93	2.341E+03	1.74		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	908	46	41LA1	38	2.94E+00	2.41E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	1.755E+04	1.775E+04	-1.12	1.759E+04	-.23		
2	1.123E+04	1.504E+04	1.507E+04	-.20	1.494E+04	.67		
3	1.193E+04	1.273E+04	1.283E+04	-.82	1.272E+04	.05		
4	1.340E+04	9.418E+03	9.383E+03	.37	9.302E+03	1.23		
5	1.416E+04	7.989E+03	8.075E+03	-1.08	8.006E+03	-.21		
6	1.495E+04	6.547E+03	6.964E+03	-6.37	6.905E+03	-5.46		
7	1.578E+04	5.930E+03	6.010E+03	-1.34	5.959E+03	-.48		
8	1.662E+04	5.048E+03	5.216E+03	-3.34	5.172E+03	-2.46		
9	1.748E+04	4.442E+03	4.544E+03	-2.30	4.506E+03	-1.44		
10	1.927E+04	3.373E+03	3.477E+03	-3.09	3.448E+03	-2.24		
11	2.021E+04	3.019E+03	3.049E+03	-.99	3.024E+03	-.16		
12	2.117E+04	2.638E+03	2.681E+03	-1.63	2.659E+03	-.79		
13	2.215E+04	2.305E+03	2.364E+03	-2.55	2.344E+03	-1.71		
14	2.316E+04	2.041E+03	2.087E+03	-2.26	2.070E+03	-1.43		
15	2.419E+04	1.826E+03	1.848E+03	-1.19	1.833E+03	-.37		
16	2.524E+04	1.630E+03	1.640E+03	-.62	1.627E+03	.20		
17	2.633E+04	1.435E+03	1.456E+03	-1.48	1.445E+03	-.66		
18	2.743E+04	1.265E+03	1.298E+03	-2.58	1.287E+03	-1.77		
19	2.857E+04	1.140E+03	1.157E+03	-1.49	1.148E+03	-.68		
20	3.091E+04	8.880E+02	9.265E+02	-4.34	9.193E+02	-3.53		
21	3.212E+04	8.010E+02	8.314E+02	-3.79	8.250E+02	-2.99		
22	3.336E+04	7.270E+02	7.471E+02	-2.77	7.414E+02	-1.98		
23	3.463E+04	6.580E+02	6.724E+02	-2.19	6.673E+02	-1.42		
24	3.583E+04	6.060E+02	6.109E+02	-.80	6.063E+02	-.05		
25	3.724E+04	5.420E+02	5.480E+02	-1.11	5.439E+02	-.35		
26	3.999E+04	4.410E+02	4.486E+02	-1.73	4.453E+02	-.98		
27	5.734E+04	1.590E+02	1.662E+02	-4.53	1.651E+02	-3.87		
28	5.895E+04	1.479E+02	1.543E+02	-4.36	1.534E+02	-3.71		



29	6.062E+04	1.332E+02	1.433E+02	-7.59	1.424E+02	-6.94
30	6.450E+04	1.181E+02	1.218E+02	-3.15	1.211E+02	-2.54
31	6.637E+04	1.104E+02	1.132E+02	-2.49	1.125E+02	-1.89
32	6.838E+04	1.033E+02	1.048E+02	-1.49	1.042E+02	-.90
33	7.024E+04	9.700E+01	9.795E+01	-.98	9.738E+01	-.39
34	7.229E+04	8.940E+01	9.114E+01	-1.95	9.061E+01	-1.36
35	7.433E+04	8.440E+01	8.507E+01	-.80	8.458E+01	-.22
36	7.639E+04	8.020E+01	7.957E+01	.79	7.911E+01	1.36
37	9.150E+04	4.920E+01	5.231E+01	-6.32	5.205E+01	-5.78
38	9.693E+04	4.440E+01	4.618E+01	-4.02	4.596E+01	-3.52

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	909	13	34GR1	9	5.93E+00	5.72E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.341E+04	8.676E+03	9.364E+03	-7.93	9.283E+03	-7.00		
2	1.417E+04	8.138E+03	8.060E+03	.96	7.991E+03	1.81		
3	1.663E+04	5.174E+03	5.208E+03	-.65	5.164E+03	.20		
4	2.217E+04	2.405E+03	2.358E+03	1.96	2.339E+03	2.76		
5	2.526E+04	1.668E+03	1.636E+03	1.89	1.623E+03	2.69		
6	3.093E+04	9.370E+02	9.248E+02	1.30	9.176E+02	2.07		
7	6.843E+04	1.015E+02	1.046E+02	-3.10	1.040E+02	-2.49		
8	7.644E+04	7.890E+01	7.944E+01	-.68	7.899E+01	-.11		
9	9.700E+04	4.000E+01	4.611E+01	-15.28	4.589E+01	-14.73		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	910	21	32MA1	15	2.38E+00	2.69E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.144E+04	1.423E+04	1.435E+04	-.84	1.423E+04	.03		
2	1.158E+04	1.355E+04	1.389E+04	-2.54	1.377E+04	-1.66		
3	1.338E+04	9.460E+03	9.421E+03	.41	9.340E+03	1.27		
4	1.748E+04	4.780E+03	4.544E+03	4.93	4.506E+03	5.73		
5	1.961E+04	3.330E+03	3.314E+03	.49	3.286E+03	1.32		
6	2.080E+04	2.860E+03	2.815E+03	1.56	2.792E+03	2.37		
7	2.216E+04	2.400E+03	2.361E+03	1.63	2.341E+03	2.44		
8	2.230E+04	2.370E+03	2.320E+03	2.12	2.301E+03	2.92		
9	2.450E+04	1.823E+03	1.783E+03	2.20	1.768E+03	2.99		
10	2.494E+04	1.735E+03	1.696E+03	2.25	1.682E+03	3.04		
11	2.527E+04	1.569E+03	1.635E+03	-4.18	1.621E+03	-3.34		
12	2.770E+04	1.287E+03	1.262E+03	1.91	1.252E+03	2.69		
13	2.849E+04	1.189E+03	1.166E+03	1.92	1.157E+03	2.70		
14	3.200E+04	8.430E+02	8.402E+02	.33	8.337E+02	1.10		
15	3.870E+04	4.780E+02	4.919E+02	-2.90	4.882E+02	-2.14		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	911	9	59HO1	3	4.10E+00	4.16E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.004E+04	1.929E+04	2.016E+04	-4.50	1.998E+04	-3.58		
2	1.100E+04	1.579E+04	1.591E+04	-.78	1.578E+04	.09		
3	1.408E+04	8.673E+03	8.201E+03	5.44	8.131E+03	6.25		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
28	913	3	64KA1	2	4.27E+00	3.41E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	

1	1.740E+04	4.436E+03	4.602E+03	-3.74	4.563E+03	-2.86
2	2.210E+04	2.271E+03	2.379E+03	-4.74	2.359E+03	-3.88

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	914	22	59DE1	17	1.08E+00	9.81E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.797E+04	1.775E+04	1.25	1.759E+04	2.11	
2	1.122E+04	1.517E+04	1.511E+04	.42	1.497E+04	1.29	
3	1.249E+04	1.124E+04	1.135E+04	-.97	1.125E+04	-.10	
4	1.339E+04	9.376E+03	9.402E+03	-.28	9.321E+03	.58	
5	1.496E+04	6.943E+03	6.951E+03	-.12	6.892E+03	.73	
6	1.577E+04	6.004E+03	6.020E+03	-.27	5.969E+03	.59	
7	1.748E+04	4.517E+03	4.544E+03	-.61	4.506E+03	.24	
8	1.767E+04	4.463E+03	4.412E+03	1.15	4.375E+03	1.98	
9	1.961E+04	3.294E+03	3.314E+03	-.60	3.286E+03	.24	
10	2.021E+04	3.040E+03	3.049E+03	-.30	3.024E+03	.53	
11	2.216E+04	2.314E+03	2.361E+03	-2.02	2.341E+03	-1.19	
12	2.322E+04	2.031E+03	2.072E+03	-2.02	2.055E+03	-1.19	
13	2.494E+04	1.696E+03	1.696E+03	.00	1.682E+03	.81	
14	2.527E+04	1.622E+03	1.635E+03	-.78	1.621E+03	.04	
15	2.848E+04	1.153E+03	1.167E+03	-1.24	1.158E+03	-.44	
16	2.919E+04	1.076E+03	1.089E+03	-1.21	1.080E+03	-.41	
17	3.049E+04	9.467E+02	9.630E+02	-1.72	9.555E+02	-.93	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	916	2	69DI1	2	5.90E-01	2.68E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	4.550E+03	4.573E+03	-.50	4.534E+03	.34	
2	2.210E+04	2.363E+03	2.379E+03	-.66	2.359E+03	.16	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	917	6	14BR1	6	7.48E+00	8.13E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.016E+04	3.090E+03	3.070E+03	.65	3.045E+03	1.47	
2	2.152E+04	2.790E+03	2.561E+03	8.19	2.540E+03	8.94	
3	2.238E+04	2.410E+03	2.297E+03	4.70	2.278E+03	5.48	
4	2.309E+04	2.260E+03	2.105E+03	6.87	2.088E+03	7.63	
5	2.440E+04	2.080E+03	1.803E+03	13.29	1.789E+03	14.00	
6	2.525E+04	1.720E+03	1.638E+03	4.75	1.625E+03	5.52	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	918	10	67MC1	7	1.12E+00	1.10E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	1.650E+03	1.685E+03	-2.10	1.671E+03	-1.27	
2	3.004E+04	9.953E+02	1.004E+03	-.90	9.964E+02	-.11	
3	4.004E+04	4.481E+02	4.471E+02	.23	4.438E+02	.97	
4	5.008E+04	2.407E+02	2.401E+02	.25	2.384E+02	.95	
5	6.003E+04	1.495E+02	1.471E+02	1.62	1.462E+02	2.22	
6	7.004E+04	9.787E+01	9.866E+01	-.81	9.808E+01	-.22	
7	8.499E+04	6.160E+01	6.179E+01	-.30	6.145E+01	.24	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	919	12	62WI1	10	4.28E+00	4.02E+00	



	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	4.455E+02	4.446E+02		.21	4.413E+02	.94
2	4.298E+04	3.587E+02	3.667E+02		-2.23	3.640E+02	-1.48
3	4.540E+04	3.149E+02	3.148E+02		.02	3.125E+02	.75
4	5.000E+04	2.515E+02	2.412E+02		4.12	2.395E+02	4.79
5	5.752E+04	1.638E+02	1.648E+02		-.62	1.638E+02	.02
6	6.698E+04	1.072E+02	1.105E+02		-3.10	1.099E+02	-2.50
7	6.787E+04	9.620E+01	1.069E+02		-11.08	1.062E+02	-10.43
8	6.840E+04	1.004E+02	1.048E+02		-4.34	1.041E+02	-3.73
9	7.081E+04	9.550E+01	9.598E+01		-.50	9.542E+01	.08
10	8.654E+04	5.750E+01	5.928E+01		-3.09	5.896E+01	-2.54

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	920	4	23RI1	4	4.47E+00	4.61E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.130E+04	4.070E+02	4.099E+02		-.71	4.069E+02	.03
2	4.960E+04	2.390E+02	2.465E+02		-3.15	2.448E+02	-2.42
3	6.200E+04	1.360E+02	1.351E+02		.69	1.343E+02	1.28
4	8.260E+04	7.200E+01	6.602E+01		8.31	6.566E+01	8.81

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	921	4	8OPR1	4	1.72E+00	1.50E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.240E+04	2.090E+02	2.121E+02		-1.48	2.106E+02	-.79
2	6.000E+04	1.440E+02	1.473E+02		-2.27	1.464E+02	-1.65
3	7.220E+04	9.300E+01	9.143E+01		1.69	9.090E+01	2.26
4	8.440E+04	6.200E+01	6.279E+01		-1.27	6.245E+01	-.72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	922	1	65WE1	1	1.43E+01	1.35E+01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	1.860E+02	2.125E+02		-14.27	2.111E+02	-13.49

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	923	16	36CU1	5	1.72E+00	1.70E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	1.520E+02	1.519E+02		.05	1.510E+02	.66
2	6.740E+04	1.072E+02	1.088E+02		-1.46	1.081E+02	-.87
3	7.750E+04	7.510E+01	7.683E+01		-2.31	7.639E+01	-1.72
4	8.850E+04	5.790E+01	5.634E+01		2.69	5.605E+01	3.20
5	9.530E+04	4.770E+01	4.788E+01		-.38	4.765E+01	.11

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	924	9	70CO1	1	1.47E+00	9.39E-01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.809E+04	5.611E+01	5.694E+01		-1.47	5.664E+01	-.94

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	904	8	26AL1	5	3.90E+00	4.40E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	1.590E+02	1.519E+02		4.45	1.510E+02	5.03
2	6.700E+04	1.150E+02	1.104E+02		3.97	1.098E+02	4.53
3	7.170E+04	9.750E+01	9.302E+01		4.59	9.248E+01	5.14

4	8.210E+04	6.730E+01	6.697E+01	.50	6.660E+01	1.05
5	9.840E+04	4.680E+01	4.474E+01	4.40	4.453E+01	4.85

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	2070	7	84RA01	4	1.92E+00	1.78E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	8.350E+02	8.328E+02	.26	8.264E+02	1.03	
2	5.200E+04	2.110E+02	2.166E+02	-2.64	2.151E+02	-1.94	
3	7.300E+04	9.050E+01	8.895E+01	1.71	8.844E+01	2.28	
4	8.420E+04	6.179E+01	6.313E+01	-2.17	6.279E+01	-1.62	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
28	2101	7	81RA01	5	2.56E+00	2.52E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.441E+04	7.680E+03	7.699E+03	-.25	7.633E+03	.61	
2	2.468E+04	1.771E+03	1.747E+03	1.37	1.733E+03	2.17	
3	3.164E+04	8.620E+02	8.675E+02	-.63	8.608E+02	.14	
4	3.560E+04	6.350E+02	6.221E+02	2.04	6.174E+02	2.77	
5	4.200E+04	3.720E+02	3.911E+02	-5.13	3.882E+02	-4.36	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	938	23	28J01	3	7.26E+00	8.07E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	2.173E+04	1.998E+04	8.07	1.979E+04	8.91	
2	1.123E+04	1.857E+04	1.704E+04	8.25	1.688E+04	9.08	
3	1.748E+04	5.423E+03	5.152E+03	5.00	5.109E+03	5.79	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	939	30	70OR1	9	2.03E+00	2.87E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	2.053E+04	1.998E+04	2.70	1.979E+04	3.59	
2	1.083E+04	1.900E+04	1.870E+04	1.59	1.853E+04	2.48	
3	1.190E+04	1.495E+04	1.464E+04	2.09	1.451E+04	2.96	
4	1.261E+04	1.271E+04	1.254E+04	1.35	1.243E+04	2.22	
5	1.302E+04	1.169E+04	1.150E+04	1.63	1.140E+04	2.49	
6	1.383E+04	9.960E+03	9.757E+03	2.04	9.673E+03	2.88	
7	1.493E+04	8.060E+03	7.915E+03	1.80	7.848E+03	2.63	
8	1.673E+04	5.950E+03	5.805E+03	2.44	5.756E+03	3.26	
9	1.743E+04	5.310E+03	5.192E+03	2.22	5.149E+03	3.03	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	940	22	66HU1	1	2.41E+00	3.31E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	2.047E+04	1.998E+04	2.41	1.979E+04	3.31	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	943	13	60EH1	1	8.64E-01	1.75E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.192E+04	1.470E+04	1.457E+04	.86	1.444E+04	1.75	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	942	37	62DY1	8	9.54E+00	8.93E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.010E+04	2.067E+04	2.225E+04	-7.63	2.204E+04	-6.64		
2	1.023E+04	1.914E+04	2.156E+04	-12.66	2.136E+04	-11.62		
3	1.152E+04	1.414E+04	1.594E+04	-12.76	1.580E+04	-11.74		
4	1.187E+04	1.318E+04	1.474E+04	-11.81	1.460E+04	-10.81		
5	1.256E+04	1.181E+04	1.267E+04	-7.30	1.256E+04	-6.36		
6	1.422E+04	8.873E+03	9.042E+03	-1.91	8.965E+03	-1.04		
7	1.480E+04	7.828E+03	8.106E+03	-3.55	8.037E+03	-2.67		
8	1.772E+04	5.623E+03	4.964E+03	11.72	4.923E+03	12.45		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	945	21	68HO1	6	1.28E+00	1.09E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.122E+04	1.705E+04	1.708E+04	-.16	1.692E+04	.75		
2	1.192E+04	1.416E+04	1.457E+04	-2.92	1.444E+04	-2.00		
3	1.577E+04	6.849E+03	6.817E+03	.47	6.760E+03	1.30		
4	2.218E+04	2.679E+03	2.681E+03	-.06	2.660E+03	.72		
5	2.317E+04	2.370E+03	2.374E+03	-.19	2.356E+03	.58		
6	2.525E+04	1.849E+03	1.868E+03	-1.03	1.854E+03	-.29		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	947	13	26AL1	6	6.80E+00	7.60E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	2.170E+04	1.974E+04	9.03	1.956E+04	9.86		
2	1.137E+04	1.740E+04	1.650E+04	5.18	1.635E+04	6.04		
3	1.240E+04	1.400E+04	1.312E+04	6.31	1.300E+04	7.14		
4	1.362E+04	1.080E+04	1.017E+04	5.81	1.008E+04	6.62		
5	1.657E+04	6.440E+03	5.958E+03	7.48	5.909E+03	8.25		
6	1.749E+04	5.490E+03	5.144E+03	6.31	5.101E+03	7.08		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	948	28	26AL1	26	5.68E+00	6.15E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.746E+04	5.666E+03	5.168E+03	8.79	5.125E+03	9.55		
2	1.970E+04	3.988E+03	3.718E+03	6.78	3.687E+03	7.54		
3	2.480E+04	2.005E+03	1.964E+03	2.03	1.950E+03	2.75		
4	2.560E+04	1.815E+03	1.797E+03	.97	1.784E+03	1.69		
5	2.700E+04	1.572E+03	1.548E+03	1.51	1.537E+03	2.21		
6	2.760E+04	1.477E+03	1.456E+03	1.45	1.445E+03	2.15		
7	2.820E+04	1.393E+03	1.370E+03	1.63	1.361E+03	2.32		
8	2.950E+04	1.234E+03	1.207E+03	2.17	1.199E+03	2.85		
9	3.100E+04	1.076E+03	1.050E+03	2.41	1.043E+03	3.08		
10	3.260E+04	9.280E+02	9.115E+02	1.78	9.052E+02	2.46		
11	3.440E+04	7.970E+02	7.836E+02	1.68	7.781E+02	2.37		
12	3.650E+04	6.730E+02	6.633E+02	1.43	6.587E+02	2.12		
13	3.870E+04	5.540E+02	5.628E+02	-1.59	5.589E+02	-.88		
14	4.130E+04	4.750E+02	4.691E+02	1.25	4.658E+02	1.94		
15	4.430E+04	3.900E+02	3.856E+02	1.12	3.830E+02	1.80		
16	4.770E+04	3.220E+02	3.140E+02	2.48	3.119E+02	3.13		
17	5.170E+04	2.640E+02	2.515E+02	4.73	2.499E+02	5.34		
18	5.640E+04	2.110E+02	1.984E+02	5.95	1.972E+02	6.53		

19	6.200E+04	1.640E+02	1.540E+02	6.08	1.531E+02	6.64
20	6.530E+04	1.480E+02	1.344E+02	9.20	1.336E+02	9.73
21	6.890E+04	1.290E+02	1.169E+02	9.35	1.163E+02	9.86
22	7.290E+04	1.110E+02	1.013E+02	8.74	1.007E+02	9.25
23	7.650E+04	9.910E+01	8.982E+01	9.36	8.932E+01	9.86
24	8.270E+04	8.230E+01	7.434E+01	9.68	7.393E+01	10.16
25	8.980E+04	6.650E+01	6.134E+01	7.76	6.102E+01	8.24
26	9.540E+04	5.910E+01	5.357E+01	9.36	5.330E+01	9.81

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	949	20	36AL1	13	6.52E+00	7.01E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.210E+04	2.796E+03	2.708E+03	3.16	2.686E+03	3.92	
2	2.430E+04	2.163E+03	2.079E+03	3.87	2.064E+03	4.59	
3	2.710E+04	1.551E+03	1.532E+03	1.21	1.521E+03	1.91	
4	2.880E+04	1.319E+03	1.292E+03	2.08	1.283E+03	2.76	
5	5.930E+04	1.800E+02	1.734E+02	3.66	1.724E+02	4.24	
6	6.700E+04	1.370E+02	1.257E+02	8.25	1.250E+02	8.78	
7	7.170E+04	1.150E+02	1.056E+02	8.14	1.050E+02	8.66	
8	7.750E+04	9.500E+01	8.699E+01	8.43	8.651E+01	8.93	
9	8.210E+04	8.230E+01	7.564E+01	8.09	7.523E+01	8.59	
10	8.550E+04	7.490E+01	6.871E+01	8.27	6.834E+01	8.75	
11	8.860E+04	6.860E+01	6.326E+01	7.79	6.293E+01	8.27	
12	9.180E+04	6.330E+01	5.835E+01	7.82	5.805E+01	8.29	
13	9.840E+04	5.380E+01	5.008E+01	6.92	4.984E+01	7.36	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	950	9	69DA1	3	7.36E-01	1.59E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.121E+04	1.725E+04	1.712E+04	.77	1.696E+04	1.68	
2	1.415E+04	9.225E+03	9.165E+03	.65	9.087E+03	1.50	
3	1.662E+04	5.956E+03	5.910E+03	.78	5.860E+03	1.61	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	951	9	74PA1	5	4.29E+00	4.82E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	9.670E+03	9.623E+03	.49	9.540E+03	1.34	
2	1.780E+04	4.940E+03	4.904E+03	.74	4.863E+03	1.56	
3	2.080E+04	3.430E+03	3.202E+03	6.66	3.176E+03	7.41	
4	2.640E+04	1.770E+03	1.649E+03	6.84	1.637E+03	7.51	
5	3.210E+04	9.540E+02	9.520E+02	.21	9.454E+02	.90	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	952	15	77MU1	6	7.59E-01	3.88E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.053E+04	1.980E+04	2.007E+04	-1.37	1.989E+04	-.44	
2	1.338E+04	1.060E+04	1.068E+04	-.73	1.059E+04	.14	
3	1.833E+04	4.520E+03	4.527E+03	-.15	4.490E+03	.67	
4	2.414E+04	2.110E+03	2.118E+03	-.38	2.102E+03	.37	
5	3.085E+04	1.060E+03	1.065E+03	-.43	1.057E+03	.27	
6	4.571E+04	3.505E+02	3.534E+02	-.83	3.510E+02	-.15	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
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29	953	9	9BA1	3	7.07E+00	6.14E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	1.857E+04	2.002E+04	-7.83	1.984E+04	-6.84		
2	1.122E+04	1.580E+04	1.708E+04	-8.08	1.692E+04	-7.10		
3	2.216E+04	2.564E+03	2.687E+03	-4.81	2.666E+03	-3.99		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	954	4	67BA1	2	1.74E+00	1.08E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	5.175E+03	5.217E+03	-.80	5.173E+03	.04		
2	2.210E+04	2.646E+03	2.708E+03	-2.33	2.686E+03	-1.53		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	955	6	65CO1	2	4.66E-01	1.21E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	5.157E+03	5.152E+03	.10	5.109E+03	.93		
2	2.216E+04	2.705E+03	2.687E+03	.65	2.666E+03	1.43		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	956	9	79PU1	5	5.95E+00	6.44E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.440E+04	8.600E+03	8.737E+03	-1.59	8.662E+03	-.72		
2	2.470E+04	2.210E+03	1.987E+03	10.10	1.972E+03	10.77		
3	3.290E+04	9.310E+02	8.883E+02	4.59	8.821E+02	5.25		
4	3.690E+04	6.920E+02	6.433E+02	7.03	6.388E+02	7.68		
5	6.690E+04	1.280E+02	1.262E+02	1.42	1.255E+02	1.99		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	957	46	41LA1	38	3.10E+00	2.78E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	1.957E+04	1.998E+04	-2.08	1.979E+04	-1.14		
2	1.123E+04	1.679E+04	1.704E+04	-1.47	1.688E+04	-.55		
3	1.193E+04	1.531E+04	1.454E+04	5.03	1.441E+04	5.87		
4	1.340E+04	1.052E+04	1.063E+04	-1.09	1.054E+04	-.21		
5	1.416E+04	9.186E+03	9.148E+03	.42	9.069E+03	1.27		
6	1.495E+04	7.383E+03	7.886E+03	-6.81	7.819E+03	-5.91		
7	1.578E+04	6.732E+03	6.805E+03	-1.09	6.748E+03	-.24		
8	1.662E+04	5.854E+03	5.910E+03	-.95	5.860E+03	-.11		
9	1.748E+04	5.110E+03	5.152E+03	-.82	5.109E+03	.02		
10	1.927E+04	4.210E+03	3.949E+03	6.20	3.917E+03	6.97		
11	2.021E+04	3.372E+03	3.466E+03	-2.78	3.438E+03	-1.94		
12	2.117E+04	3.068E+03	3.050E+03	.60	3.025E+03	1.39		
13	2.215E+04	2.656E+03	2.691E+03	-1.31	2.670E+03	-.51		
14	2.316E+04	2.343E+03	2.377E+03	-1.46	2.359E+03	-.69		
15	2.419E+04	2.078E+03	2.106E+03	-1.34	2.090E+03	-.58		
16	2.524E+04	1.839E+03	1.870E+03	-1.69	1.856E+03	-.94		
17	2.633E+04	1.636E+03	1.661E+03	-1.55	1.649E+03	-.81		
18	2.743E+04	1.451E+03	1.481E+03	-2.08	1.471E+03	-1.35		
19	2.857E+04	1.304E+03	1.321E+03	-1.31	1.312E+03	-.59		
20	3.091E+04	1.029E+03	1.059E+03	-2.89	1.051E+03	-2.17		
21	3.212E+04	9.300E+02	9.503E+02	-2.18	9.437E+02	-1.48		
22	3.336E+04	8.314E+02	8.543E+02	-2.75	8.483E+02	-2.04		
23	3.463E+04	7.589E+02	7.690E+02	-1.34	7.637E+02	-.63		

24	3.583E+04	6.958E+02	6.988E+02	-.43	6.939E+02	.27
25	3.724E+04	6.125E+02	6.270E+02	-2.36	6.226E+02	-1.65
26	3.999E+04	5.029E+02	5.134E+02	-2.08	5.098E+02	-1.37
27	5.734E+04	1.816E+02	1.898E+02	-4.51	1.886E+02	-3.87
28	5.895E+04	1.690E+02	1.762E+02	-4.24	1.751E+02	-3.62
29	6.062E+04	1.530E+02	1.635E+02	-6.87	1.625E+02	-6.23
30	6.450E+04	1.343E+02	1.388E+02	-3.34	1.380E+02	-2.74
31	6.637E+04	1.263E+02	1.288E+02	-1.99	1.281E+02	-1.40
32	6.838E+04	1.180E+02	1.192E+02	-1.05	1.186E+02	-.48
33	7.024E+04	1.070E+02	1.113E+02	-4.03	1.107E+02	-3.44
34	7.229E+04	1.022E+02	1.035E+02	-1.24	1.029E+02	-.67
35	7.433E+04	9.590E+01	9.648E+01	-.61	9.594E+01	-.04
36	7.639E+04	9.110E+01	9.014E+01	1.05	8.964E+01	1.60
37	9.150E+04	5.510E+01	5.878E+01	-6.68	5.848E+01	-6.14
38	9.693E+04	4.950E+01	5.174E+01	-4.52	5.148E+01	-4.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	958	23	59H01	13	9.56E+00	8.95E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	2.172E+04	2.279E+04	-4.93	2.258E+04	-3.96	
2	1.100E+04	1.677E+04	1.797E+04	-7.16	1.781E+04	-6.18	
3	1.320E+04	1.039E+04	1.108E+04	-6.63	1.098E+04	-5.70	
4	1.423E+04	8.838E+03	9.025E+03	-2.12	8.948E+03	-1.25	
5	1.540E+04	7.129E+03	7.273E+03	-2.02	7.211E+03	-1.16	
6	1.662E+04	5.632E+03	5.910E+03	-4.93	5.860E+03	-4.05	
7	1.820E+04	4.419E+03	4.616E+03	-4.45	4.577E+03	-3.59	
8	2.039E+04	3.217E+03	3.382E+03	-5.13	3.355E+03	-4.28	
9	2.234E+04	2.542E+03	2.628E+03	-3.37	2.607E+03	-2.57	
10	2.489E+04	1.856E+03	1.945E+03	-4.77	1.930E+03	-4.00	
11	2.799E+04	1.350E+03	1.399E+03	-3.66	1.390E+03	-2.93	
12	3.486E+04	5.910E+02	7.549E+02	-27.73	7.496E+02	-26.84	
13	3.492E+04	6.640E+02	7.512E+02	-13.14	7.460E+02	-12.35	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	959	15	29BA1	7	5.07E+00	5.85E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.131E+04	1.791E+04	1.673E+04	6.61	1.658E+04	7.45	
2	1.165E+04	1.593E+04	1.548E+04	2.82	1.534E+04	3.69	
3	1.240E+04	1.417E+04	1.312E+04	7.43	1.300E+04	8.25	
4	1.359E+04	1.055E+04	1.023E+04	2.99	1.015E+04	3.83	
5	1.490E+04	8.380E+03	7.958E+03	5.03	7.891E+03	5.84	
6	1.630E+04	6.520E+03	6.231E+03	4.44	6.178E+03	5.24	
7	1.790E+04	5.049E+03	4.829E+03	4.35	4.789E+03	5.14	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	964	24	32MA1	15	4.44E+00	5.09E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.144E+04	1.751E+04	1.624E+04	7.27	1.609E+04	8.11	
2	1.158E+04	1.656E+04	1.573E+04	5.02	1.559E+04	5.88	
3	1.338E+04	1.161E+04	1.068E+04	8.03	1.059E+04	8.83	
4	1.748E+04	5.400E+03	5.152E+03	4.60	5.109E+03	5.39	
5	1.961E+04	4.020E+03	3.764E+03	6.36	3.734E+03	7.12	
6	2.080E+04	3.281E+03	3.202E+03	2.42	3.176E+03	3.20	



7	2.216E+04	2.828E+03	2.687E+03	4.97	2.666E+03	5.72
8	2.230E+04	2.722E+03	2.641E+03	2.98	2.620E+03	3.74
9	2.450E+04	2.068E+03	2.032E+03	1.73	2.017E+03	2.46
10	2.494E+04	2.005E+03	1.934E+03	3.56	1.919E+03	4.27
11	2.527E+04	1.952E+03	1.864E+03	4.51	1.850E+03	5.22
12	2.770E+04	1.467E+03	1.441E+03	1.78	1.431E+03	2.47
13	2.849E+04	1.361E+03	1.331E+03	2.17	1.322E+03	2.86
14	3.200E+04	9.760E+02	9.604E+02	1.60	9.537E+02	2.28
15	3.870E+04	5.490E+02	5.628E+02	-2.52	5.589E+02	-1.80

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	965	15	34GR1	11	3.77E+00	3.53E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.341E+04	1.038E+04	1.061E+04	-2.24	1.052E+04	-1.36		
2	1.496E+04	7.733E+03	7.871E+03	-1.79	7.805E+03	-.93		
3	1.663E+04	5.748E+03	5.900E+03	-2.64	5.851E+03	-1.79		
4	1.929E+04	4.014E+03	3.938E+03	1.90	3.906E+03	2.70		
5	2.217E+04	2.713E+03	2.684E+03	1.07	2.663E+03	1.84		
6	2.746E+04	1.468E+03	1.477E+03	-.58	1.466E+03	.13		
7	3.093E+04	1.054E+03	1.057E+03	-.26	1.049E+03	.43		
8	6.067E+04	1.623E+02	1.631E+02	-.52	1.622E+02	.07		
9	7.029E+04	1.073E+02	1.111E+02	-3.55	1.105E+02	-2.96		
10	7.644E+04	8.990E+01	9.000E+01	-.11	8.950E+01	.45		
11	9.700E+04	4.650E+01	5.166E+01	-11.09	5.140E+01	-10.54		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	966	11	69DE1	6	8.06E-01	1.33E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.000E+04	2.319E+04	2.279E+04	1.72	2.258E+04	2.63		
2	1.500E+04	7.854E+03	7.814E+03	.51	7.748E+03	1.35		
3	2.000E+04	3.553E+03	3.567E+03	-.38	3.538E+03	.44		
4	2.500E+04	1.927E+03	1.921E+03	.32	1.907E+03	1.06		
5	3.000E+04	1.144E+03	1.152E+03	-.66	1.144E+03	.04		
6	4.000E+04	5.131E+02	5.130E+02	.02	5.094E+02	.72		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	968	3	64KA1	2	1.52E+00	7.55E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.740E+04	5.159E+03	5.217E+03	-1.12	5.173E+03	-.27		
2	2.210E+04	2.659E+03	2.708E+03	-1.83	2.686E+03	-1.03		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	969	9	66BE1	8	6.00E+00	6.32E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.000E+04	2.710E+04	2.279E+04	15.90	2.258E+04	16.67		
2	1.250E+04	1.280E+04	1.284E+04	-.29	1.272E+04	.60		
3	1.500E+04	8.090E+03	7.814E+03	3.41	7.748E+03	4.23		
4	2.000E+04	3.530E+03	3.567E+03	-1.03	3.538E+03	-.21		
5	2.500E+04	1.970E+03	1.921E+03	2.50	1.907E+03	3.22		
6	3.000E+04	1.150E+03	1.152E+03	-.13	1.144E+03	.56		
7	3.500E+04	7.180E+02	7.464E+02	-3.96	7.412E+02	-3.23		
8	4.000E+04	5.170E+02	5.130E+02	.77	5.094E+02	1.47		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	970	21	59DE1	16	8.32E-01	8.94E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	1.994E+04	1.998E+04		-.18	1.979E+04	.74	
2	1.098E+04	1.819E+04	1.805E+04		.75	1.789E+04	1.65	
3	1.122E+04	1.690E+04	1.708E+04		-1.05	1.692E+04	-.13	
4	1.249E+04	1.270E+04	1.286E+04		-1.30	1.275E+04	-.40	
5	1.339E+04	1.045E+04	1.066E+04		-1.97	1.056E+04	-1.09	
6	1.496E+04	7.972E+03	7.871E+03		1.26	7.805E+03	2.10	
7	1.577E+04	6.829E+03	6.817E+03		.17	6.760E+03	1.01	
8	1.748E+04	5.143E+03	5.152E+03		-.17	5.109E+03	.66	
9	1.961E+04	3.762E+03	3.764E+03		-.07	3.734E+03	.75	
10	2.021E+04	3.461E+03	3.466E+03		-.13	3.438E+03	.68	
11	2.216E+04	2.664E+03	2.687E+03		-.88	2.666E+03	-.09	
12	2.494E+04	1.933E+03	1.934E+03		-.04	1.919E+03	.70	
13	2.527E+04	1.866E+03	1.864E+03		.11	1.850E+03	.85	
14	2.848E+04	1.325E+03	1.333E+03		-.59	1.323E+03	.12	
15	2.919E+04	1.237E+03	1.244E+03		-.54	1.235E+03	.16	
16	3.049E+04	1.091E+03	1.100E+03		-.85	1.093E+03	-.15	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	974	1	73CA2	1	2.72E+00	1.85E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.440E+04	8.505E+03	8.737E+03		-2.72	8.662E+03	-1.85	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	975	5	76CH1	5	5.69E+00	5.82E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.500E+04	7.910E+03	7.814E+03		1.21	7.748E+03	2.05	
2	3.090E+04	1.030E+03	1.060E+03		-2.88	1.052E+03	-2.17	
3	3.590E+04	6.700E+02	6.950E+02		-3.73	6.901E+02	-3.00	
4	5.540E+04	2.100E+02	2.083E+02		.81	2.070E+02	1.43	
5	7.210E+04	1.180E+02	1.042E+02		11.73	1.036E+02	12.23	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	976	6	20SI1	6	1.57E+01	1.48E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.703E+04	5.011E+03	5.531E+03		-10.37	5.485E+03	-9.45	
2	1.826E+04	3.988E+03	4.574E+03		-14.70	4.537E+03	-13.76	
3	1.965E+04	3.250E+03	3.744E+03		-15.18	3.713E+03	-14.24	
4	2.130E+04	2.606E+03	2.999E+03		-15.06	2.975E+03	-14.15	
5	2.326E+04	1.983E+03	2.349E+03		-18.46	2.331E+03	-17.55	
6	2.562E+04	1.509E+03	1.794E+03		-18.86	1.780E+03	-17.99	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	977	1	22WI1	1	6.72E+00	5.83E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	4.888E+03	5.217E+03		-6.72	5.173E+03	-5.83	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	978	1	61BA2	1	2.11E-01	1.04E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.744E+04	5.195E+03	5.184E+03		.21	5.141E+03	1.04	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	979	22	21KI1	22	3.25E+00	3.69E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.734E+04	5.571E+03	5.266E+03	5.266E+03	5.48	5.222E+03	6.26
2	1.907E+04	4.167E+03	4.063E+03	4.063E+03	2.49	4.030E+03	3.29
3	2.070E+04	3.334E+03	3.245E+03	3.245E+03	2.68	3.218E+03	3.47
4	2.250E+04	2.627E+03	2.576E+03	2.576E+03	1.93	2.556E+03	2.70
5	2.460E+04	2.005E+03	2.009E+03	2.009E+03	-.22	1.994E+03	.53
6	2.590E+04	1.751E+03	1.740E+03	1.740E+03	.64	1.727E+03	1.37
7	2.740E+04	1.414E+03	1.486E+03	1.486E+03	-5.07	1.475E+03	-4.32
8	2.880E+04	1.298E+03	1.292E+03	1.292E+03	.49	1.283E+03	1.19
9	2.970E+04	1.192E+03	1.185E+03	1.185E+03	.62	1.176E+03	1.32
10	3.060E+04	1.076E+03	1.089E+03	1.089E+03	-1.22	1.082E+03	-.52
11	3.150E+04	1.017E+03	1.004E+03	1.004E+03	1.29	9.969E+02	1.97
12	3.250E+04	9.340E+02	9.194E+02	9.194E+02	1.56	9.130E+02	2.25
13	3.370E+04	8.550E+02	8.302E+02	8.302E+02	2.90	8.245E+02	3.57
14	3.480E+04	7.690E+02	7.585E+02	7.585E+02	1.36	7.532E+02	2.05
15	3.730E+04	6.350E+02	6.242E+02	6.242E+02	1.71	6.198E+02	2.40
16	4.020E+04	5.140E+02	5.059E+02	5.059E+02	1.58	5.023E+02	2.27
17	4.380E+04	4.080E+02	3.980E+02	3.980E+02	2.45	3.953E+02	3.12
18	4.800E+04	3.170E+02	3.086E+02	3.086E+02	2.65	3.065E+02	3.30
19	5.300E+04	2.440E+02	2.350E+02	2.350E+02	3.70	2.335E+02	4.31
20	5.930E+04	1.840E+02	1.734E+02	1.734E+02	5.76	1.724E+02	6.32
21	6.740E+04	1.320E+02	1.238E+02	1.238E+02	6.24	1.231E+02	6.77
22	9.180E+04	6.220E+01	5.835E+01	5.835E+01	6.19	5.805E+01	6.67

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	980	9	25ST1	9	3.89E+00	3.33E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.750E+04	5.210E+03	5.136E+03	5.136E+03	1.42	5.093E+03	2.24
2	1.960E+04	3.740E+03	3.770E+03	3.770E+03	-.79	3.739E+03	.03
3	2.070E+04	3.230E+03	3.245E+03	3.245E+03	-.45	3.218E+03	.36
4	2.250E+04	2.490E+03	2.576E+03	2.576E+03	-3.46	2.556E+03	-2.66
5	2.480E+04	1.870E+03	1.964E+03	1.964E+03	-5.05	1.950E+03	-4.27
6	2.760E+04	1.390E+03	1.456E+03	1.456E+03	-4.72	1.445E+03	-3.98
7	3.100E+04	1.000E+03	1.050E+03	1.050E+03	-5.01	1.043E+03	-4.28
8	3.540E+04	6.830E+02	7.229E+02	7.229E+02	-5.85	7.179E+02	-5.11
9	4.130E+04	4.520E+02	4.691E+02	4.691E+02	-3.77	4.658E+02	-3.05

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	981	6	14BR1	6	9.78E+00	1.04E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.016E+04	3.610E+03	3.489E+03	3.489E+03	3.34	3.461E+03	4.13
2	2.152E+04	3.220E+03	2.915E+03	2.915E+03	9.49	2.891E+03	10.20
3	2.238E+04	2.780E+03	2.615E+03	2.615E+03	5.94	2.594E+03	6.68
4	2.309E+04	2.640E+03	2.397E+03	2.397E+03	9.19	2.379E+03	9.89
5	2.440E+04	2.340E+03	2.056E+03	2.056E+03	12.15	2.040E+03	12.81
6	2.525E+04	2.180E+03	1.868E+03	1.868E+03	14.31	1.854E+03	14.94

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	982	9	33HE1	9	2.66E+00	3.02E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR

1	2.070E+04	3.290E+03	3.245E+03	1.38	3.218E+03	2.18
2	2.270E+04	2.440E+03	2.514E+03	-3.02	2.494E+03	-2.22
3	2.480E+04	1.960E+03	1.964E+03	-.22	1.950E+03	.52
4	2.770E+04	1.430E+03	1.441E+03	-.76	1.431E+03	-.05
5	3.100E+04	1.067E+03	1.050E+03	1.58	1.043E+03	2.27
6	3.540E+04	7.350E+02	7.229E+02	1.64	7.179E+02	2.33
7	4.130E+04	4.780E+02	4.691E+02	1.87	4.658E+02	2.56
8	4.700E+04	3.380E+02	3.271E+02	3.22	3.249E+02	3.87
9	4.960E+04	2.990E+02	2.819E+02	5.73	2.800E+02	6.34

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	983	10	67MC1	7	5.88E-01	4.30E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	1.900E+03	1.921E+03	-1.09	1.907E+03	-.34	
2	3.004E+04	1.144E+03	1.147E+03	-.28	1.139E+03	.41	
3	4.004E+04	5.120E+02	5.116E+02	.08	5.080E+02	.78	
4	5.008E+04	2.735E+02	2.745E+02	-.37	2.727E+02	.29	
5	6.003E+04	1.667E+02	1.678E+02	-.68	1.668E+02	-.08	
6	7.004E+04	1.113E+02	1.121E+02	-.74	1.115E+02	-.17	
7	8.499E+04	6.967E+01	6.968E+01	-.01	6.931E+01	.52	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	984	11	68PA1	11	3.23E+00	2.72E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.520E+04	1.780E+03	1.878E+03	-5.53	1.865E+03	-4.75	
2	3.460E+04	7.460E+02	7.709E+02	-3.34	7.655E+02	-2.62	
3	3.970E+04	5.180E+02	5.240E+02	-1.15	5.203E+02	-.44	
4	4.280E+04	4.110E+02	4.245E+02	-3.29	4.216E+02	-2.57	
5	4.930E+04	2.810E+02	2.866E+02	-2.01	2.848E+02	-1.34	
6	5.710E+04	1.845E+02	1.919E+02	-4.03	1.908E+02	-3.40	
7	6.560E+04	1.280E+02	1.328E+02	-3.74	1.320E+02	-3.14	
8	6.820E+04	1.170E+02	1.201E+02	-2.61	1.194E+02	-2.02	
9	7.420E+04	9.480E+01	9.691E+01	-2.22	9.636E+01	-1.65	
10	7.850E+04	8.200E+01	8.430E+01	-2.81	8.384E+01	-2.24	
11	8.560E+04	7.040E+01	6.852E+01	2.67	6.816E+01	3.19	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	985	1	72SA1	1	2.25E+00	1.50E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.580E+04	1.720E+03	1.759E+03	-2.25	1.746E+03	-1.50	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
29	986	7	67KN1	7	2.37E+00	2.16E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.264E+04	9.070E+02	9.083E+02	-.15	9.020E+02	.55	
2	4.153E+04	4.570E+02	4.618E+02	-1.05	4.586E+02	-.35	
3	4.298E+04	4.150E+02	4.196E+02	-1.10	4.167E+02	-.40	
4	5.142E+04	2.450E+02	2.553E+02	-4.20	2.536E+02	-3.53	
5	6.817E+04	1.240E+02	1.202E+02	3.07	1.195E+02	3.63	
6	7.950E+04	7.930E+01	8.174E+01	-3.08	8.130E+01	-2.52	
7	9.711E+04	5.120E+01	5.153E+01	-.64	5.128E+01	-.15	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
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29	987	15	62W11	10	1.99E+00	1.64E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.952E+04	5.360E+02	5.307E+02	.99	5.269E+02	1.69		
2	4.012E+04	5.050E+02	5.087E+02	-.74	5.052E+02	-.03		
3	4.153E+04	4.570E+02	4.618E+02	-1.05	4.586E+02	-.35		
4	4.298E+04	4.150E+02	4.196E+02	-1.10	4.167E+02	-.40		
5	4.540E+04	3.450E+02	3.602E+02	-4.40	3.577E+02	-3.68		
6	5.000E+04	2.669E+02	2.757E+02	-3.30	2.739E+02	-2.63		
7	5.752E+04	1.878E+02	1.882E+02	-.21	1.870E+02	.40		
8	6.787E+04	1.213E+02	1.216E+02	-.22	1.209E+02	.35		
9	7.081E+04	1.066E+02	1.090E+02	-2.29	1.084E+02	-1.71		
10	8.654E+04	6.650E+01	6.679E+01	-.44	6.644E+01	.09		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	988	4	23R11	4	3.78E+00	3.83E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.130E+04	4.580E+02	4.691E+02	-2.41	4.658E+02	-1.70		
2	4.960E+04	2.760E+02	2.819E+02	-2.13	2.800E+02	-1.46		
3	6.200E+04	1.530E+02	1.540E+02	-.67	1.531E+02	-.08		
4	8.260E+04	8.000E+01	7.455E+01	6.81	7.415E+01	7.31		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	989	9	16HU1	9	1.04E+01	9.80E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.220E+04	4.050E+02	4.416E+02	-9.04	4.385E+02	-8.28		
2	5.060E+04	2.360E+02	2.668E+02	-13.05	2.651E+02	-12.32		
3	5.610E+04	1.790E+02	2.013E+02	-12.47	2.001E+02	-11.78		
4	5.960E+04	1.470E+02	1.711E+02	-16.38	1.701E+02	-15.69		
5	6.330E+04	1.340E+02	1.458E+02	-8.81	1.450E+02	-8.18		
6	6.740E+04	1.130E+02	1.238E+02	-9.53	1.231E+02	-8.90		
7	7.210E+04	9.600E+01	1.042E+02	-8.50	1.036E+02	-7.89		
8	7.750E+04	8.300E+01	8.699E+01	-4.81	8.651E+01	-4.23		
9	8.430E+04	7.500E+01	7.103E+01	5.29	7.065E+01	5.80		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	990	2	76G01	2	8.67E-01	1.36E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.220E+04	2.480E+02	2.450E+02	1.23	2.434E+02	1.86		
2	8.430E+04	7.100E+01	7.103E+01	-.04	7.065E+01	.49		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	991	1	65WE1	1	9.42E+00	8.72E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.236E+04	2.220E+02	2.429E+02	-9.42	2.414E+02	-8.72		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	992	3	34HA1	3	5.15E+00	5.47E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.931E+04	1.706E+02	1.733E+02	-1.60	1.723E+02	-.99		
2	7.278E+04	1.047E+02	1.017E+02	2.84	1.012E+02	3.39		
3	8.837E+04	6.940E+01	6.363E+01	8.31	6.330E+01	8.78		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		

29	993	13	36CU1	5	6.82E-01	9.58E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	1.719E+02	1.734E+02		-.87	1.724E+02	-.27	
2	6.740E+04	1.234E+02	1.238E+02		-.30	1.231E+02	.28	
3	7.750E+04	8.750E+01	8.699E+01		.58	8.651E+01	1.13	
4	8.850E+04	6.390E+01	6.342E+01		.75	6.309E+01	1.27	
5	9.530E+04	5.410E+01	5.369E+01		.76	5.342E+01	1.25	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	994	10	76HA1	1	1.23E+00	6.26E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.960E+04	1.690E+02	1.711E+02		-1.23	1.701E+02	-.63	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	995	2	79CE1	1	1.95E+00	2.54E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.000E+04	1.714E+02	1.681E+02		1.95	1.671E+02	2.54	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	996	12	73RA1	1	1.23E+00	6.33E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.000E+04	1.660E+02	1.681E+02		-1.23	1.671E+02	-.63	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	997	1	74GO1	1	7.98E-01	1.36E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.210E+04	1.050E+02	1.042E+02		.80	1.036E+02	1.36	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	998	1	60WE1	1	6.16E+00	5.57E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.400E+04	9.190E+01	9.756E+01		-6.16	9.702E+01	-5.57	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	999	6	22DU1	4	9.08E+00	9.56E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.500E+04	1.071E+02	9.435E+01		11.91	9.382E+01	12.40	
2	8.390E+04	7.860E+01	7.183E+01		8.61	7.145E+01	9.10	
3	8.980E+04	6.660E+01	6.134E+01		7.90	6.102E+01	8.38	
4	9.610E+04	5.680E+01	5.272E+01		7.19	5.246E+01	7.65	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	1000	6	73GO3	1	1.30E+00	7.62E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.400E+04	7.071E+01	7.163E+01		-1.30	7.125E+01	-.76	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	1001	7	64MU1	1	1.54E+01	1.48E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.430E+04	6.155E+01	7.103E+01		-15.40	7.065E+01	-14.79	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
29	1002	9	70CO1	1	1.17E+00	6.43E-01		

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	6.336E+01	6.410E+01	-1.17	6.377E+01	- .64

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
29	2067	7	84RA01	4	5.46E+00	5.13E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	9.240E+02	9.520E+02	-3.03	9.454E+02	-2.31
2	5.200E+04	2.430E+02	2.475E+02	-1.87	2.460E+02	-1.22
3	7.300E+04	9.200E+01	1.010E+02	-9.73	1.004E+02	-9.11
4	8.420E+04	7.375E+01	7.123E+01	3.42	7.085E+01	3.93

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1063	16	67CA1	5	8.14E+00	8.83E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	2.250E+04	2.217E+04	1.46	2.199E+04	2.28
2	1.122E+04	2.084E+04	1.898E+04	8.94	1.882E+04	9.67
3	1.261E+04	1.574E+04	1.401E+04	10.99	1.390E+04	11.70
4	1.577E+04	8.390E+03	7.702E+03	8.21	7.637E+03	8.97
5	1.661E+04	7.262E+03	6.694E+03	7.82	6.639E+03	8.58

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1064	12	60EH1	1	7.09E-01	8.60E-02

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.192E+04	1.612E+04	1.623E+04	-.71	1.611E+04	.09

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1066	26	26AL1	6	9.84E+00	1.06E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.060E+04	2.450E+04	2.191E+04	10.57	2.173E+04	11.31
2	1.137E+04	2.020E+04	1.834E+04	9.20	1.820E+04	9.92
3	1.240E+04	1.650E+04	1.464E+04	11.26	1.453E+04	11.96
4	1.362E+04	1.250E+04	1.142E+04	8.65	1.133E+04	9.39
5	1.657E+04	7.490E+03	6.738E+03	10.04	6.682E+03	10.79
6	1.749E+04	6.400E+03	5.821E+03	9.05	5.773E+03	9.80

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1067	28	26AL1	26	8.62E+00	9.18E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.746E+04	6.510E+03	5.848E+03	10.17	5.800E+03	10.91
2	1.970E+04	4.670E+03	4.209E+03	9.87	4.176E+03	10.59
3	2.480E+04	2.390E+03	2.229E+03	6.72	2.213E+03	7.39
4	2.560E+04	2.190E+03	2.041E+03	6.81	2.026E+03	7.47
5	2.700E+04	1.900E+03	1.759E+03	7.41	1.747E+03	8.05
6	2.760E+04	1.780E+03	1.655E+03	7.05	1.643E+03	7.69
7	2.820E+04	1.670E+03	1.558E+03	6.71	1.547E+03	7.35
8	2.950E+04	1.470E+03	1.373E+03	6.58	1.364E+03	7.22
9	3.100E+04	1.260E+03	1.195E+03	5.15	1.187E+03	5.80
10	3.260E+04	1.090E+03	1.038E+03	4.79	1.031E+03	5.45
11	3.440E+04	9.230E+02	8.925E+02	3.30	8.862E+02	3.98
12	3.650E+04	7.920E+02	7.558E+02	4.57	7.504E+02	5.26



13	3.870E+04	6.730E+02	6.413E+02	4.70	6.367E+02	5.39
14	4.130E+04	5.540E+02	5.345E+02	3.51	5.307E+02	4.20
15	4.430E+04	4.670E+02	4.394E+02	5.90	4.364E+02	6.56
16	4.770E+04	3.800E+02	3.578E+02	5.85	3.553E+02	6.49
17	5.170E+04	3.040E+02	2.865E+02	5.77	2.845E+02	6.40
18	5.640E+04	2.520E+02	2.259E+02	10.37	2.243E+02	10.97
19	6.200E+04	1.920E+02	1.751E+02	8.81	1.739E+02	9.42
20	6.530E+04	1.700E+02	1.526E+02	10.24	1.516E+02	10.83
21	6.890E+04	1.480E+02	1.326E+02	10.40	1.318E+02	10.97
22	7.290E+04	1.300E+02	1.147E+02	11.79	1.140E+02	12.33
23	7.650E+04	1.150E+02	1.015E+02	11.73	1.009E+02	12.25
24	8.270E+04	9.700E+01	8.375E+01	13.66	8.329E+01	14.13
25	8.980E+04	8.000E+01	6.885E+01	13.94	6.849E+01	14.38
26	9.540E+04	6.900E+01	5.995E+01	13.12	5.965E+01	13.56

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1068	14	26AL1	10	1.02E+01	1.08E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.210E+04	3.340E+03	3.069E+03	8.13	3.045E+03	8.82	
2	2.430E+04	2.610E+03	2.359E+03	9.61	2.342E+03	10.26	
3	2.710E+04	1.870E+03	1.741E+03	6.89	1.729E+03	7.54	
4	2.880E+04	1.570E+03	1.469E+03	6.44	1.459E+03	7.09	
5	5.930E+04	2.180E+02	1.973E+02	9.51	1.959E+02	10.13	
6	6.700E+04	1.600E+02	1.426E+02	10.85	1.417E+02	11.43	
7	7.170E+04	1.350E+02	1.196E+02	11.37	1.189E+02	11.92	
8	7.750E+04	1.110E+02	9.826E+01	11.47	9.770E+01	11.98	
9	8.550E+04	8.900E+01	7.730E+01	13.15	7.688E+01	13.61	
10	9.180E+04	7.490E+01	6.543E+01	12.65	6.509E+01	13.09	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1069	11	69DE1	6	2.76E+00	2.92E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	2.689E+04	2.531E+04	5.89	2.509E+04	6.71	
2	1.500E+04	8.563E+03	8.814E+03	-2.93	8.741E+03	-2.08	
3	2.000E+04	3.980E+03	4.038E+03	-1.47	4.006E+03	-.67	
4	2.494E+04	2.197E+03	2.195E+03	.10	2.179E+03	.81	
5	3.000E+04	1.305E+03	1.310E+03	-.40	1.301E+03	.29	
6	4.000E+04	5.849E+02	5.846E+02	.05	5.804E+02	.77	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1070	9	9BA1	3	2.07E+00	1.63E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	2.209E+04	2.222E+04	-.60	2.204E+04	.23	
2	1.122E+04	1.895E+04	1.898E+04	-.14	1.882E+04	.66	
3	2.216E+04	2.942E+03	3.046E+03	-3.52	3.023E+03	-2.74	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1071	2	74MA1	1	2.70E+00	1.88E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.961E+04	4.150E+03	4.262E+03	-2.70	4.228E+03	-1.88	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1073	10	59HO1	4	7.23E+00	7.97E+00	



N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.004E+04	2.680E+04	2.506E+04	6.49	2.484E+04	7.30
2	1.100E+04	2.094E+04	1.996E+04	4.69	1.980E+04	5.46
3	1.240E+04	1.617E+04	1.464E+04	9.45	1.453E+04	10.16
4	1.408E+04	1.129E+04	1.045E+04	7.46	1.036E+04	8.22

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1074	18	32MA1	9	5.98E+00	6.68E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.129E+04	2.019E+04	1.868E+04	7.50	1.853E+04	8.23
2	1.144E+04	1.921E+04	1.805E+04	6.01	1.791E+04	6.76
3	1.158E+04	1.802E+04	1.750E+04	2.90	1.736E+04	3.66
4	1.338E+04	1.303E+04	1.197E+04	8.11	1.188E+04	8.85
5	1.748E+04	6.317E+03	5.830E+03	7.71	5.782E+03	8.48
6	2.216E+04	3.213E+03	3.046E+03	5.21	3.023E+03	5.92
7	2.494E+04	2.323E+03	2.195E+03	5.52	2.179E+03	6.19
8	2.527E+04	2.225E+03	2.116E+03	4.90	2.101E+03	5.58
9	2.849E+04	1.574E+03	1.514E+03	3.81	1.504E+03	4.47

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1078	1	22WI1	1	1.52E+00	2.34E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	5.994E+03	5.903E+03	1.52	5.854E+03	2.34

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1079	6	14BR1	6	9.43E+00	1.01E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.016E+04	4.160E+03	3.951E+03	5.02	3.920E+03	5.77
2	2.152E+04	3.640E+03	3.302E+03	9.28	3.277E+03	9.98
3	2.238E+04	3.240E+03	2.964E+03	8.53	2.941E+03	9.22
4	2.309E+04	3.010E+03	2.718E+03	9.69	2.698E+03	10.36
5	2.440E+04	2.680E+03	2.333E+03	12.97	2.316E+03	13.59
6	2.525E+04	2.340E+03	2.121E+03	9.37	2.106E+03	10.02

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1080	10	67ME1	7	1.16E+00	8.41E-01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	2.148E+03	2.180E+03	-1.50	2.165E+03	-.77
2	3.004E+04	1.297E+03	1.305E+03	-.64	1.296E+03	.05
3	4.004E+04	5.781E+02	5.830E+02	-.85	5.788E+02	-.12
4	5.008E+04	3.126E+02	3.127E+02	-.03	3.106E+02	.64
5	6.003E+04	1.911E+02	1.909E+02	.11	1.896E+02	.79
6	7.004E+04	1.262E+02	1.271E+02	-.70	1.263E+02	-.07
7	8.499E+04	7.660E+01	7.841E+01	-2.37	7.799E+01	-1.82

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
30	1081	17	39WR1	17	4.91E+00	4.91E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.857E+04	1.420E+03	1.502E+03	-5.79	1.492E+03	-5.06
2	3.091E+04	1.124E+03	1.205E+03	-7.20	1.197E+03	-6.46
3	3.212E+04	1.026E+03	1.082E+03	-5.45	1.074E+03	-4.72
4	3.336E+04	9.081E+02	9.728E+02	-7.13	9.660E+02	-6.38
5	3.463E+04	8.474E+02	8.760E+02	-3.37	8.698E+02	-2.64

6	3.583E+04	7.813E+02	7.961E+02	-1.90	7.904E+02	-1.17
7	3.724E+04	6.960E+02	7.144E+02	-2.64	7.093E+02	-1.91
8	3.999E+04	5.903E+02	5.850E+02	.89	5.808E+02	1.60
9	5.734E+04	2.210E+02	2.160E+02	2.27	2.145E+02	2.93
10	5.895E+04	2.048E+02	2.004E+02	2.13	1.991E+02	2.80
11	6.062E+04	1.797E+02	1.859E+02	-3.47	1.847E+02	-2.77
12	6.637E+04	1.529E+02	1.462E+02	4.37	1.453E+02	5.00
13	6.838E+04	1.408E+02	1.352E+02	3.95	1.344E+02	4.56
14	7.024E+04	1.331E+02	1.262E+02	5.22	1.254E+02	5.81
15	7.229E+04	1.247E+02	1.172E+02	6.05	1.164E+02	6.62
16	7.455E+04	1.161E+02	1.083E+02	6.69	1.077E+02	7.25
17	7.639E+04	1.101E+02	1.019E+02	7.47	1.013E+02	8.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1082	5	67KN1	5	2.05E+00	1.94E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.264E+04	1.043E+03	1.034E+03	.84	1.027E+03	1.53	
2	4.153E+04	5.290E+02	5.263E+02	.51	5.225E+02	1.22	
3	6.817E+04	1.308E+02	1.363E+02	-4.23	1.355E+02	-3.56	
4	7.950E+04	9.120E+01	9.224E+01	-1.14	9.172E+01	-.57	
5	8.897E+04	7.100E+01	7.036E+01	.90	6.999E+01	1.42	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1083	4	80PR1	4	1.61E+00	1.78E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.240E+04	2.760E+02	2.761E+02	-.03	2.742E+02	.64	
2	6.000E+04	1.890E+02	1.911E+02	-1.13	1.898E+02	-.44	
3	7.220E+04	1.210E+02	1.175E+02	2.86	1.168E+02	3.46	
4	8.440E+04	7.900E+01	7.973E+01	-.93	7.930E+01	-.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1084	1	65WE1	1	1.07E+01	9.92E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.236E+04	2.500E+02	2.767E+02	-10.66	2.748E+02	-9.92	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	1085	9	70CO1	1	1.38E+00	8.45E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	7.104E+01	7.202E+01	-1.38	7.164E+01	-.85	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
30	2068	7	84RA01	4	3.09E+00	3.37E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	1.055E+03	1.084E+03	-2.73	1.076E+03	-2.02	
2	5.200E+04	2.900E+02	2.819E+02	2.78	2.801E+02	3.43	
3	7.300E+04	1.200E+02	1.143E+02	4.77	1.136E+02	5.35	
4	8.420E+04	8.050E+01	8.019E+01	.38	7.976E+01	.92	

IZ= 31

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
31	1103	7	59WE1	6	1.66E+01	1.74E+01	

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.037E+04	3.050E+04	2.561E+04	16.02	2.539E+04	16.77
2	1.047E+04	3.021E+04	2.500E+04	17.26	2.477E+04	18.00
3	1.057E+04	2.964E+04	2.440E+04	17.69	2.418E+04	18.42
4	1.067E+04	2.888E+04	2.382E+04	17.53	2.361E+04	18.26
5	1.077E+04	2.778E+04	2.326E+04	16.27	2.305E+04	17.02
6	1.087E+04	2.663E+04	2.272E+04	14.69	2.252E+04	15.45

IZ= 32

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1107	20	68EF1	14	1.33E+00	2.84E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.023E+04	4.260E+03	4.240E+03	.47	4.124E+03	3.20	
2	1.049E+04	3.990E+03	3.959E+03	.78	3.851E+03	3.48	
3	1.067E+04	3.810E+03	3.779E+03	.82	3.677E+03	3.50	
4	1.076E+04	3.720E+03	3.693E+03	.73	3.593E+03	3.41	
5	1.085E+04	3.650E+03	3.610E+03	1.10	3.513E+03	3.76	
6	1.095E+04	3.560E+03	3.520E+03	1.12	3.426E+03	3.76	
7	1.100E+04	3.520E+03	3.477E+03	1.23	3.384E+03	3.87	
8	1.102E+04	3.500E+03	3.459E+03	1.16	3.367E+03	3.80	
9	1.129E+04	2.280E+04	2.290E+04	-.44	2.270E+04	.43	
10	1.237E+04	1.787E+04	1.815E+04	-1.57	1.800E+04	-.75	
11	1.456E+04	1.165E+04	1.192E+04	-2.36	1.184E+04	-1.61	
12	1.547E+04	9.920E+03	1.017E+04	-2.50	1.009E+04	-1.76	
13	1.961E+04	5.290E+03	5.370E+03	-1.52	5.329E+03	-.75	
14	2.495E+04	2.800E+03	2.779E+03	.75	2.758E+03	1.50	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1108	11	73HI1	3	8.74E-01	2.36E-01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.961E+04	5.339E+03	5.370E+03	-.59	5.329E+03	.18	
2	2.211E+04	3.827E+03	3.871E+03	-1.14	3.841E+03	-.37	
3	2.494E+04	2.760E+03	2.782E+03	-.80	2.761E+03	-.03	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1109	32	69GR1	23	4.80E+00	4.18E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.023E+04	4.122E+03	4.240E+03	-2.86	4.124E+03	-.04	
2	1.051E+04	3.764E+03	3.938E+03	-4.63	3.831E+03	-1.78	
3	1.078E+04	3.562E+03	3.674E+03	-3.15	3.575E+03	-.37	
4	1.088E+04	3.450E+03	3.583E+03	-3.84	3.486E+03	-1.05	
5	1.097E+04	3.405E+03	3.503E+03	-2.87	3.409E+03	-.12	
6	1.104E+04	3.360E+03	3.442E+03	-2.45	3.350E+03	.28	
7	1.129E+04	2.487E+04	2.290E+04	7.92	2.270E+04	8.72	
8	1.340E+04	1.530E+04	1.479E+04	3.35	1.467E+04	4.09	
9	1.459E+04	1.194E+04	1.186E+04	.66	1.177E+04	1.39	
10	1.550E+04	1.019E+04	1.012E+04	.72	1.004E+04	1.44	
11	1.653E+04	8.446E+03	8.524E+03	-.92	8.462E+03	-.19	
12	1.748E+04	7.124E+03	7.336E+03	-2.97	7.281E+03	-2.21	
13	1.961E+04	5.197E+03	5.370E+03	-3.34	5.329E+03	-2.55	
14	2.216E+04	3.741E+03	3.847E+03	-2.83	3.817E+03	-2.04	



15	2.494E+04	2.710E+03	2.782E+03	-2.66	2.761E+03	-1.88
16	2.610E+04	2.419E+03	2.455E+03	-1.47	2.436E+03	-.72
17	2.755E+04	2.023E+03	2.114E+03	-4.52	2.099E+03	-3.75
18	2.917E+04	1.729E+03	1.805E+03	-4.40	1.792E+03	-3.64
19	3.100E+04	1.411E+03	1.524E+03	-8.04	1.514E+03	-7.27
20	3.306E+04	1.199E+03	1.274E+03	-6.28	1.265E+03	-5.54
21	3.542E+04	9.570E+02	1.051E+03	-9.84	1.044E+03	-9.08
22	3.815E+04	8.020E+02	8.542E+02	-6.51	8.484E+02	-5.78
23	4.133E+04	6.320E+02	6.830E+02	-8.07	6.783E+02	-7.33

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1110	8	69HI1	4	1.26E+00	6.02E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	7.268E+03	7.381E+03	-1.55	7.327E+03	-.81	
2	1.961E+04	5.343E+03	5.370E+03	-.51	5.329E+03	.25	
3	2.211E+04	3.826E+03	3.871E+03	-1.17	3.841E+03	-.39	
4	2.494E+04	2.740E+03	2.782E+03	-1.53	2.761E+03	-.76	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1113	3	64BA1	2	3.41E+00	1.48E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.098E+04	3.351E+03	3.494E+03	-4.27	3.401E+03	-1.48	
2	1.744E+04	7.220E+03	7.381E+03	-2.23	7.327E+03	-1.48	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1114	2	51GL1	1	7.73E+00	1.02E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.110E+04	3.676E+03	3.392E+03	7.73	3.301E+03	10.19	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1115	1	65DE1	1	2.31E-01	5.09E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	7.364E+03	7.381E+03	-.23	7.327E+03	.51	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1116	19	77GE1	18	4.27E+00	4.25E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.090E+04	4.800E+03	4.514E+03	5.95	4.479E+03	6.68	
2	2.420E+04	3.102E+03	3.022E+03	2.58	2.999E+03	3.32	
3	2.480E+04	3.080E+03	2.825E+03	8.27	2.804E+03	8.96	
4	2.610E+04	2.445E+03	2.455E+03	-.40	2.436E+03	.36	
5	2.700E+04	2.423E+03	2.236E+03	7.74	2.219E+03	8.42	
6	2.800E+04	2.067E+03	2.022E+03	2.19	2.007E+03	2.91	
7	2.900E+04	1.877E+03	1.835E+03	2.26	1.821E+03	2.97	
8	2.980E+04	1.667E+03	1.701E+03	-2.05	1.689E+03	-1.31	
9	3.020E+04	1.581E+03	1.639E+03	-3.69	1.628E+03	-2.95	
10	3.310E+04	1.254E+03	1.270E+03	-1.28	1.261E+03	-.57	
11	3.600E+04	9.780E+02	1.005E+03	-2.71	9.976E+02	-2.01	
12	3.730E+04	8.900E+02	9.097E+02	-2.22	9.035E+02	-1.52	
13	3.860E+04	8.110E+02	8.267E+02	-1.93	8.210E+02	-1.23	
14	3.970E+04	7.380E+02	7.642E+02	-3.55	7.590E+02	-2.85	
15	4.140E+04	6.630E+02	6.798E+02	-2.53	6.751E+02	-1.83	
16	4.500E+04	5.140E+02	5.388E+02	-4.82	5.351E+02	-4.10	



17	4.660E+04	4.660E+02	4.889E+02	-4.91	4.855E+02	-4.19
18	4.960E+04	3.850E+02	4.112E+02	-6.79	4.084E+02	-6.07

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1117	1	68BA1	1	1.88E+00	1.10E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.210E+04	3.804E+03	3.876E+03	-1.88	3.846E+03	-1.10	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1118	1	65LI1	1	1.76E+00	9.73E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.211E+04	3.804E+03	3.871E+03	-1.76	3.841E+03	-0.97	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
32	1119	11	68PA1	11	6.49E+00	5.86E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.520E+04	2.473E+03	2.704E+03	-9.33	2.683E+03	-8.50	
2	3.460E+04	1.059E+03	1.122E+03	-5.97	1.114E+03	-5.24	
3	3.970E+04	7.330E+02	7.642E+02	-4.26	7.590E+02	-3.55	
4	4.280E+04	5.890E+02	6.195E+02	-5.18	6.153E+02	-4.47	
5	4.930E+04	3.950E+02	4.181E+02	-5.85	4.153E+02	-5.14	
6	5.710E+04	2.660E+02	2.791E+02	-4.91	2.773E+02	-4.25	
7	6.560E+04	1.798E+02	1.919E+02	-6.71	1.907E+02	-6.08	
8	6.820E+04	1.597E+02	1.731E+02	-8.37	1.721E+02	-7.74	
9	7.420E+04	1.338E+02	1.388E+02	-3.76	1.380E+02	-3.18	
10	7.850E+04	1.093E+02	1.202E+02	-9.95	1.195E+02	-9.34	
11	8.560E+04	9.390E+01	9.678E+01	-3.07	9.626E+01	-2.52	

IZ= 33

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
33	1123	19	39WR1	19	9.14E+00	9.43E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.857E+04	2.043E+03	2.143E+03	-4.91	2.128E+03	-4.18	
2	3.091E+04	1.624E+03	1.724E+03	-6.17	1.712E+03	-5.44	
3	3.212E+04	1.471E+03	1.550E+03	-5.37	1.539E+03	-4.64	
4	3.336E+04	1.345E+03	1.395E+03	-3.73	1.385E+03	-3.01	
5	3.463E+04	1.241E+03	1.257E+03	-1.32	1.249E+03	-.62	
6	3.583E+04	1.141E+03	1.143E+03	-.22	1.136E+03	.48	
7	3.724E+04	1.017E+03	1.027E+03	-.96	1.020E+03	-.26	
8	3.999E+04	8.730E+02	8.417E+02	3.58	8.359E+02	4.25	
9	5.734E+04	3.417E+02	3.102E+02	9.22	3.082E+02	9.80	
10	5.895E+04	3.198E+02	2.876E+02	10.07	2.858E+02	10.63	
11	6.062E+04	2.822E+02	2.666E+02	5.54	2.649E+02	6.12	
12	6.637E+04	2.346E+02	2.088E+02	10.98	2.076E+02	11.51	
13	6.838E+04	2.191E+02	1.929E+02	11.97	1.917E+02	12.49	
14	7.024E+04	2.027E+02	1.796E+02	11.38	1.786E+02	11.89	
15	7.229E+04	1.887E+02	1.665E+02	11.74	1.656E+02	12.25	
16	7.455E+04	1.781E+02	1.537E+02	13.72	1.528E+02	14.21	
17	7.639E+04	1.654E+02	1.443E+02	12.79	1.434E+02	13.27	
18	9.150E+04	1.066E+02	9.172E+01	13.96	9.125E+01	14.40	
19	9.693E+04	9.190E+01	7.991E+01	13.05	7.951E+01	13.48	

IZ= 34

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
34	1130	12	36SC1	8	8.88E+00	9.96E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	5.360E+03	4.999E+03	6.74	4.865E+03	9.23	
2	1.193E+04	3.919E+03	3.572E+03	8.86	3.480E+03	11.19	
3	1.416E+04	1.717E+04	1.569E+04	8.61	1.556E+04	9.37	
4	1.662E+04	1.127E+04	1.036E+04	8.07	1.028E+04	8.79	
5	2.316E+04	4.570E+03	4.248E+03	7.04	4.216E+03	7.75	
6	3.091E+04	2.111E+03	1.927E+03	8.70	1.913E+03	9.39	
7	3.463E+04	1.583E+03	1.407E+03	11.14	1.397E+03	11.78	
8	4.001E+04	1.056E+03	9.413E+02	10.86	9.349E+02	11.47	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
34	1131	11	73HR1	8	3.74E+00	4.54E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.053E+04	5.100E+03	5.025E+03	1.48	4.891E+03	4.11	
2	1.121E+04	4.379E+03	4.234E+03	3.30	4.124E+03	5.83	
3	1.191E+04	3.684E+03	3.588E+03	2.60	3.496E+03	5.09	
4	1.338E+04	1.664E+04	1.811E+04	-8.85	1.796E+04	-7.93	
5	1.575E+04	1.222E+04	1.193E+04	2.37	1.184E+04	3.15	
6	1.744E+04	9.244E+03	9.120E+03	1.34	9.049E+03	2.11	
7	2.017E+04	6.333E+03	6.175E+03	2.50	6.128E+03	3.24	
8	2.210E+04	4.825E+03	4.824E+03	.02	4.787E+03	.78	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
34	1132	17	38MU1	17	6.25E+00	6.86E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.577E+04	1.238E+04	1.189E+04	3.95	1.180E+04	4.71	
2	1.748E+04	9.551E+03	9.064E+03	5.09	8.994E+03	5.83	
3	2.021E+04	6.313E+03	6.142E+03	2.71	6.095E+03	3.45	
4	2.118E+04	5.780E+03	5.412E+03	6.37	5.371E+03	7.08	
5	2.317E+04	4.532E+03	4.243E+03	6.37	4.211E+03	7.08	
6	2.527E+04	3.638E+03	3.351E+03	7.89	3.325E+03	8.60	
7	2.747E+04	2.852E+03	2.667E+03	6.49	2.646E+03	7.21	
8	3.097E+04	1.958E+03	1.917E+03	2.09	1.903E+03	2.83	
9	3.472E+04	1.477E+03	1.397E+03	5.44	1.387E+03	6.13	
10	3.736E+04	1.255E+03	1.139E+03	9.23	1.131E+03	9.87	
11	4.012E+04	1.012E+03	9.341E+02	7.70	9.278E+02	8.32	
12	5.236E+04	4.891E+02	4.460E+02	8.81	4.431E+02	9.40	
13	5.752E+04	3.577E+02	3.444E+02	3.71	3.423E+02	4.31	
14	6.113E+04	3.016E+02	2.917E+02	3.27	2.899E+02	3.86	
15	6.682E+04	2.463E+02	2.294E+02	6.85	2.281E+02	7.40	
16	7.082E+04	2.092E+02	1.965E+02	6.07	1.954E+02	6.62	
17	7.710E+04	1.710E+02	1.572E+02	8.05	1.563E+02	8.57	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
34	1133	19	39WR1	19	8.50E+00	8.63E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.857E+04	2.192E+03	2.394E+03	-9.23	2.376E+03	-8.39	



2	3.091E+04	1.770E+03	1.927E+03	-8.89	1.913E+03	-8.06
3	3.212E+04	1.549E+03	1.733E+03	-11.89	1.720E+03	-11.05
4	3.336E+04	1.468E+03	1.560E+03	-6.30	1.549E+03	-5.51
5	3.463E+04	1.362E+03	1.407E+03	-3.28	1.397E+03	-2.54
6	3.583E+04	1.229E+03	1.280E+03	-4.12	1.271E+03	-3.38
7	3.724E+04	1.123E+03	1.149E+03	-2.35	1.141E+03	-1.63
8	3.999E+04	9.498E+02	9.426E+02	.76	9.362E+02	1.43
9	5.734E+04	3.614E+02	3.474E+02	3.87	3.452E+02	4.48
10	5.895E+04	3.473E+02	3.221E+02	7.27	3.201E+02	7.84
11	6.062E+04	3.229E+02	2.985E+02	7.57	2.966E+02	8.14
12	6.637E+04	2.551E+02	2.336E+02	8.41	2.322E+02	8.96
13	6.838E+04	2.390E+02	2.157E+02	9.75	2.144E+02	10.28
14	7.024E+04	2.240E+02	2.008E+02	10.34	1.997E+02	10.87
15	7.229E+04	2.072E+02	1.861E+02	10.17	1.850E+02	10.70
16	7.455E+04	1.964E+02	1.717E+02	12.60	1.707E+02	13.10
17	7.639E+04	1.796E+02	1.611E+02	10.32	1.601E+02	10.83
18	9.150E+04	1.150E+02	1.020E+02	11.34	1.014E+02	11.81
19	9.693E+04	9.850E+01	8.865E+01	10.00	8.820E+01	10.46

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
34	2073	7	84RA01	4	7.03E+00	6.77E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	1.838E+03	1.736E+03		5.54	1.723E+03	6.25
2	5.200E+04	4.050E+02	4.546E+02		-12.25	4.517E+02	-11.52
3	7.300E+04	1.780E+02	1.814E+02		-1.90	1.803E+02	-1.31
4	8.420E+04	1.210E+02	1.254E+02		-3.67	1.248E+02	-3.10

IZ= 35

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
35	1138	34	39HA2	29	3.46E+00	3.66E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	5.707E+03	5.645E+03		1.09	5.496E+03	3.70
2	1.122E+04	4.925E+03	4.758E+03		3.38	4.635E+03	5.88
3	1.192E+04	4.154E+03	4.033E+03		2.91	3.931E+03	5.37
4	1.416E+04	1.755E+04	1.719E+04		2.02	1.706E+04	2.79
5	1.577E+04	1.263E+04	1.305E+04		-3.29	1.295E+04	-2.54
6	1.661E+04	1.077E+04	1.140E+04		-5.86	1.132E+04	-5.09
7	1.748E+04	9.850E+03	9.976E+03		-1.28	9.903E+03	-.54
8	2.021E+04	6.704E+03	6.795E+03		-1.36	6.743E+03	-.59
9	2.118E+04	5.932E+03	5.995E+03		-1.06	5.949E+03	-.29
10	2.216E+04	5.172E+03	5.309E+03		-2.66	5.269E+03	-1.88
11	2.317E+04	4.600E+03	4.709E+03		-2.36	4.673E+03	-1.59
12	2.527E+04	3.801E+03	3.722E+03		2.08	3.695E+03	2.79
13	2.636E+04	3.474E+03	3.317E+03		4.51	3.294E+03	5.19
14	2.747E+04	3.024E+03	2.964E+03		2.00	2.943E+03	2.69
15	3.472E+04	1.619E+03	1.553E+03		4.10	1.542E+03	4.75
16	3.602E+04	1.385E+03	1.402E+03		-1.23	1.393E+03	-.55
17	3.736E+04	1.270E+03	1.267E+03		.25	1.258E+03	.92
18	4.012E+04	1.028E+03	1.040E+03		-1.13	1.033E+03	-.45
19	4.910E+04	5.244E+02	5.948E+02		-13.43	5.910E+02	-12.70
20	5.236E+04	4.865E+02	4.981E+02		-2.38	4.950E+02	-1.74

21	5.752E+04	3.869E+02	3.846E+02	.60	3.822E+02	1.22
22	5.931E+04	3.596E+02	3.536E+02	1.67	3.514E+02	2.27
23	6.113E+04	3.277E+02	3.256E+02	.64	3.236E+02	1.25
24	6.682E+04	2.567E+02	2.559E+02	.32	2.543E+02	.92
25	6.879E+04	2.333E+02	2.367E+02	-1.45	2.353E+02	-.84
26	7.082E+04	2.176E+02	2.190E+02	-.64	2.177E+02	-.05
27	7.286E+04	2.001E+02	2.031E+02	-1.50	2.019E+02	-.90
28	7.496E+04	1.917E+02	1.884E+02	1.71	1.873E+02	2.28
29	7.710E+04	1.819E+02	1.750E+02	3.79	1.740E+02	4.34

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
35	1139	16	38MUI	16	4.19E+00	4.73E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.577E+04	1.364E+04	1.305E+04	4.36	1.295E+04	5.05	
2	1.748E+04	1.004E+04	9.976E+03	.64	9.903E+03	1.36	
3	2.021E+04	6.909E+03	6.795E+03	1.65	6.743E+03	2.40	
4	2.118E+04	6.083E+03	5.995E+03	1.45	5.949E+03	2.20	
5	2.317E+04	4.792E+03	4.709E+03	1.74	4.673E+03	2.48	
6	2.527E+04	3.710E+03	3.722E+03	-.32	3.695E+03	.41	
7	2.747E+04	3.000E+03	2.964E+03	1.21	2.943E+03	1.91	
8	3.097E+04	2.265E+03	2.131E+03	5.92	2.116E+03	6.57	
9	3.472E+04	1.605E+03	1.553E+03	3.26	1.542E+03	3.92	
10	3.736E+04	1.304E+03	1.267E+03	2.85	1.258E+03	3.50	
11	4.012E+04	1.085E+03	1.040E+03	4.18	1.033E+03	4.82	
12	5.752E+04	4.068E+02	3.846E+02	5.47	3.822E+02	6.05	
13	6.113E+04	3.450E+02	3.256E+02	5.62	3.236E+02	6.20	
14	6.682E+04	2.729E+02	2.559E+02	6.24	2.543E+02	6.80	
15	7.082E+04	2.364E+02	2.190E+02	7.36	2.177E+02	7.91	
16	7.710E+04	1.844E+02	1.750E+02	5.09	1.740E+02	5.64	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
35	1140	1	22WII	1	1.32E+01	1.24E+01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	8.919E+03	1.010E+04	-13.21	1.002E+04	-12.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
35	1141	16	39WR1	16	7.62E+00	8.06E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.336E+04	1.695E+03	1.735E+03	-2.34	1.723E+03	-1.64	
2	3.463E+04	1.574E+03	1.564E+03	.65	1.553E+03	1.32	
3	3.583E+04	1.433E+03	1.423E+03	.71	1.413E+03	1.38	
4	3.724E+04	1.287E+03	1.278E+03	.68	1.270E+03	1.35	
5	3.999E+04	1.062E+03	1.049E+03	1.22	1.042E+03	1.88	
6	5.734E+04	4.263E+02	3.879E+02	9.01	3.855E+02	9.57	
7	5.895E+04	3.960E+02	3.595E+02	9.21	3.573E+02	9.77	
8	6.062E+04	3.518E+02	3.331E+02	5.31	3.311E+02	5.89	
9	6.637E+04	2.837E+02	2.606E+02	8.16	2.590E+02	8.71	
10	6.838E+04	2.626E+02	2.405E+02	8.42	2.391E+02	8.96	
11	7.024E+04	2.454E+02	2.238E+02	8.78	2.225E+02	9.32	
12	7.229E+04	2.265E+02	2.074E+02	8.45	2.061E+02	8.99	
13	7.455E+04	2.132E+02	1.912E+02	10.34	1.900E+02	10.86	
14	7.639E+04	2.002E+02	1.793E+02	10.44	1.783E+02	10.96	
15	9.150E+04	1.261E+02	1.130E+02	10.35	1.125E+02	10.82	



16 9.693E+04 1.101E+02 9.813E+01 10.87 9.764E+01 11.32

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
35	2074	7	84RA01	4	3.88E+00	3.55E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	1.953E+03	1.930E+03	1.930E+03	1.19	1.917E+03	1.86	
2	5.200E+04	4.960E+02	5.077E+02	5.077E+02	-2.35	5.045E+02	-1.71	
3	7.300E+04	2.000E+02	2.021E+02	2.021E+02	-1.03	2.009E+02	-.44	
4	8.420E+04	1.300E+02	1.394E+02	1.394E+02	-7.21	1.386E+02	-6.62	

IZ= 36

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
36	1154	7	70MC2	3	9.20E-01	9.44E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.738E+04	3.330E+03	3.312E+03	3.312E+03	.53	3.291E+03	1.18	
2	4.423E+04	8.710E+02	8.839E+02	8.839E+02	-1.48	8.781E+02	-.81	
3	8.809E+04	1.380E+02	1.376E+02	1.376E+02	.25	1.369E+02	.79	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
36	1155	1	63CH1	1	1.31E+00	2.10E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	1.112E+04	1.097E+04	1.097E+04	1.31	1.089E+04	2.10	

IZ= 37

IZ= 38

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
38	1158	1	22WI1	1	3.32E+00	4.06E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	1.372E+04	1.327E+04	1.327E+04	3.32	1.316E+04	4.06	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
38	1159	16	39WR1	16	6.28E+00	6.37E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.336E+04	2.129E+03	2.348E+03	2.348E+03	-10.30	2.333E+03	-9.58	
2	3.463E+04	1.973E+03	2.120E+03	2.120E+03	-7.47	2.107E+03	-6.77	
3	3.583E+04	1.824E+03	1.932E+03	1.932E+03	-5.90	1.919E+03	-5.22	
4	3.724E+04	1.641E+03	1.738E+03	1.738E+03	-5.90	1.727E+03	-5.23	
5	3.999E+04	1.389E+03	1.429E+03	1.429E+03	-2.89	1.420E+03	-2.24	
6	5.734E+04	5.498E+02	5.295E+02	5.295E+02	3.69	5.263E+02	4.27	
7	5.895E+04	5.089E+02	4.908E+02	4.908E+02	3.56	4.878E+02	4.14	
8	6.062E+04	4.417E+02	4.547E+02	4.547E+02	-2.94	4.519E+02	-2.32	
9	6.637E+04	3.663E+02	3.553E+02	3.553E+02	3.02	3.532E+02	3.59	
10	6.838E+04	3.425E+02	3.277E+02	3.277E+02	4.32	3.258E+02	4.88	
11	7.024E+04	3.205E+02	3.048E+02	3.048E+02	4.89	3.030E+02	5.45	
12	7.229E+04	2.985E+02	2.821E+02	2.821E+02	5.48	2.805E+02	6.02	
13	7.455E+04	2.851E+02	2.598E+02	2.598E+02	8.86	2.584E+02	9.38	
14	7.639E+04	2.676E+02	2.435E+02	2.435E+02	9.00	2.421E+02	9.52	

15	9.150E+04	1.636E+02	1.521E+02	7.01	1.513E+02	7.49
16	9.693E+04	1.431E+02	1.315E+02	8.09	1.309E+02	8.55

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
38	2071	7	84RA01	4	6.79E+00	6.39E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	2.305E+03	2.609E+03	-13.17	2.591E+03	-12.42	
2	5.200E+04	6.710E+02	6.928E+02	-3.25	6.886E+02	-2.62	
3	7.300E+04	2.770E+02	2.749E+02	.77	2.733E+02	1.35	
4	8.420E+04	1.890E+02	1.885E+02	.28	1.875E+02	.82	

IZ= 39

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
39	1160	1	22W11	1	1.94E+00	2.65E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	1.469E+04	1.441E+04	1.94	1.430E+04	2.65	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
39	1161	4	80PR1	4	1.76E+00	1.45E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.240E+04	7.380E+02	7.479E+02	-1.34	7.433E+02	-.72	
2	6.000E+04	5.010E+02	5.156E+02	-2.92	5.126E+02	-2.32	
3	7.220E+04	3.150E+02	3.119E+02	.97	3.102E+02	1.52	
4	8.440E+04	2.040E+02	2.061E+02	-1.05	2.050E+02	-.50	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
39	2040	8	84LI01	7	9.99E-01	1.10E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.085E+04	3.147E+03	3.190E+03	-1.35	3.169E+03	-.69	
2	3.210E+04	2.850E+03	2.863E+03	-.47	2.845E+03	.17	
3	3.690E+04	1.993E+03	1.959E+03	1.69	1.948E+03	2.26	
4	5.200E+04	7.660E+02	7.638E+02	.29	7.592E+02	.89	
5	7.210E+04	3.140E+02	3.131E+02	.29	3.114E+02	.84	
6	8.100E+04	2.266E+02	2.296E+02	-1.34	2.284E+02	-.78	
7	8.430E+04	2.075E+02	2.068E+02	.35	2.056E+02	.89	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
39	2092	3	82RA01	1	3.66E+00	4.20E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.210E+04	3.250E+02	3.131E+02	3.66	3.114E+02	4.20	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
39	2102	7	81RA01	5	2.29E+00	3.28E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.441E+04	3.860E+03	3.753E+03	2.78	3.664E+03	5.07	
2	2.468E+04	5.812E+03	5.826E+03	-.24	5.784E+03	.48	
3	3.164E+04	3.056E+03	2.978E+03	2.55	2.959E+03	3.18	
4	3.560E+04	2.190E+03	2.161E+03	1.34	2.148E+03	1.93	
5	4.200E+04	1.420E+03	1.375E+03	3.19	1.367E+03	3.75	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1165	16	66HU1	3	9.04E-01	3.40E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.027E+04	1.054E+04	1.045E+04		.85	1.018E+04	3.40	
2	1.055E+04	9.769E+03	9.714E+03		.56	9.466E+03	3.10	
3	1.084E+04	9.133E+03	9.024E+03		1.19	8.796E+03	3.69	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1166	8	60EH1	1	3.09E+00	5.47E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.192E+04	7.193E+03	6.970E+03		3.09	6.799E+03	5.47	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1167	10	77MU1	8	9.64E-01	1.39E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.053E+04	9.793E+03	9.764E+03		.29	9.515E+03	2.84	
2	1.338E+04	5.036E+03	5.090E+03		-1.07	4.969E+03	1.32	
3	1.833E+04	1.352E+04	1.369E+04		-1.28	1.359E+04	-.51	
4	2.414E+04	6.735E+03	6.720E+03		.22	6.674E+03	.91	
5	3.085E+04	3.522E+03	3.492E+03		.86	3.469E+03	1.51	
6	4.571E+04	1.174E+03	1.197E+03		-1.93	1.189E+03	-1.28	
7	8.100E+04	2.528E+02	2.523E+02		.21	2.509E+02	.74	
8	8.679E+04	2.101E+02	2.104E+02		-.14	2.093E+02	.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1168	10	77RA2	8	9.95E-01	1.37E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.053E+04	9.793E+03	9.764E+03		.29	9.515E+03	2.84	
2	1.337E+04	5.036E+03	5.100E+03		-1.28	4.979E+03	1.12	
3	1.833E+04	1.352E+04	1.369E+04		-1.28	1.359E+04	-.51	
4	2.414E+04	6.735E+03	6.720E+03		.22	6.674E+03	.91	
5	3.085E+04	3.522E+03	3.492E+03		.86	3.469E+03	1.51	
6	4.571E+04	1.174E+03	1.197E+03		-1.93	1.189E+03	-1.28	
7	8.100E+04	2.528E+02	2.523E+02		.21	2.509E+02	.74	
8	8.679E+04	2.101E+02	2.104E+02		-.14	2.093E+02	.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1170	14	68HO1	9	1.03E+00	2.12E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.122E+04	8.218E+03	8.218E+03		.01	8.012E+03	2.51	
2	1.192E+04	6.945E+03	6.970E+03		-.37	6.799E+03	2.10	
3	1.577E+04	3.246E+03	3.255E+03		-.28	3.182E+03	1.99	
4	1.749E+04	2.467E+03	2.457E+03		.39	2.404E+03	2.57	
5	1.864E+04	1.348E+04	1.312E+04		2.66	1.302E+04	3.39	
6	1.971E+04	1.145E+04	1.138E+04		.59	1.130E+04	1.32	
7	2.218E+04	8.443E+03	8.391E+03		.62	8.332E+03	1.32	
8	2.317E+04	7.516E+03	7.486E+03		.41	7.433E+03	1.10	
9	2.525E+04	6.033E+03	5.967E+03		1.09	5.926E+03	1.77	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1171	7	69DE1	4	1.70E+00	2.18E+00		



	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
	1	1.500E+04	3.687E+03	3.730E+03	-1.16	3.644E+03	1.16
	2	2.000E+04	1.130E+04	1.096E+04	2.97	1.088E+04	3.68
	3	2.494E+04	6.237E+03	6.166E+03	1.14	6.123E+03	1.82
	4	4.000E+04	1.730E+03	1.725E+03	.29	1.714E+03	.93
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
	40	1173	3 64KA1	2	3.41E+00	3.93E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
	1	1.740E+04	2.470E+03	2.492E+03	-.89	2.437E+03	1.32
	2	2.210E+04	8.891E+03	8.470E+03	4.73	8.411E+03	5.40
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
	40	1174	14 61SW1	11	2.32E+00	3.75E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
	1	1.054E+04	1.001E+04	9.739E+03	2.70	9.491E+03	5.19
	2	1.192E+04	7.301E+03	6.970E+03	4.53	6.799E+03	6.87
	3	1.329E+04	5.438E+03	5.184E+03	4.67	5.061E+03	6.93
	4	1.578E+04	3.287E+03	3.249E+03	1.14	3.176E+03	3.37
	5	1.663E+04	2.802E+03	2.818E+03	-.56	2.755E+03	1.67
	6	1.748E+04	2.484E+03	2.461E+03	.91	2.407E+03	3.08
	7	1.862E+04	1.309E+04	1.316E+04	-.52	1.306E+04	.24
	8	1.961E+04	1.142E+04	1.153E+04	-.97	1.145E+04	-.23
	9	2.118E+04	9.527E+03	9.459E+03	.71	9.392E+03	1.42
	10	2.216E+04	8.573E+03	8.411E+03	1.89	8.351E+03	2.58
	11	2.527E+04	5.877E+03	5.955E+03	-1.32	5.914E+03	-.63
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
	40	1175	7 79PU1	6	6.21E+00	6.93E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
	1	1.060E+04	9.750E+03	9.590E+03	1.64	9.346E+03	4.14
	2	1.440E+04	4.200E+03	4.168E+03	.77	4.071E+03	3.07
	3	2.470E+04	6.680E+03	6.325E+03	5.31	6.282E+03	5.96
	4	3.290E+04	3.173E+03	2.935E+03	7.50	2.916E+03	8.11
	5	3.690E+04	2.250E+03	2.150E+03	4.46	2.136E+03	5.07
	6	6.660E+04	4.800E+02	4.267E+02	11.11	4.243E+02	11.61
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
	40	1176	13 59DE1	13	1.51E+00	1.16E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
	1	1.122E+04	8.197E+03	8.218E+03	-.25	8.012E+03	2.26
	2	1.249E+04	6.086E+03	6.139E+03	-.86	5.990E+03	1.58
	3	1.339E+04	4.968E+03	5.080E+03	-2.25	4.959E+03	.18
	4	1.496E+04	3.761E+03	3.757E+03	.11	3.671E+03	2.40
	5	1.577E+04	3.188E+03	3.255E+03	-2.10	3.182E+03	.20
	6	1.748E+04	2.425E+03	2.461E+03	-1.50	2.407E+03	.73
	7	1.767E+04	2.322E+03	2.390E+03	-2.94	2.338E+03	-.69
	8	2.216E+04	8.312E+03	8.411E+03	-1.19	8.351E+03	-.48
	9	2.322E+04	7.295E+03	7.443E+03	-2.03	7.392E+03	-1.32
	10	2.494E+04	6.072E+03	6.166E+03	-1.54	6.123E+03	-.85
	11	2.848E+04	4.305E+03	4.329E+03	-.55	4.300E+03	.12
	12	2.919E+04	4.026E+03	4.032E+03	-.65	4.025E+03	.02
	13	3.049E+04	3.603E+03	3.604E+03	-.03	3.580E+03	.63



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1177	1	22WI1	1	1.65E+01	1.83E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	2.984E+03	2.492E+03	16.48	2.437E+03	18.32		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1178	10	67MC1	7	1.04E+00	1.37E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	6.184E+03	6.127E+03	.93	6.085E+03	1.61		
2	3.004E+04	3.787E+03	3.751E+03	.95	3.726E+03	1.60		
3	4.004E+04	1.740E+03	1.720E+03	1.13	1.709E+03	1.77		
4	5.008E+04	9.324E+02	9.311E+02	.14	9.252E+02	.77		
5	6.003E+04	5.724E+02	5.663E+02	1.07	5.630E+02	1.64		
6	7.004E+04	3.706E+02	3.723E+02	-.45	3.702E+02	.11		
7	8.499E+04	2.184E+02	2.222E+02	-1.76	2.211E+02	-1.23		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1179	4	76CH1	4	1.49E+00	1.25E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.090E+04	3.410E+03	3.477E+03	-1.95	3.454E+03	-1.28		
2	3.590E+04	2.320E+03	2.316E+03	.15	2.302E+03	.80		
3	5.540E+04	7.100E+02	7.056E+02	.62	7.013E+02	1.22		
4	7.210E+04	3.370E+02	3.443E+02	-2.15	3.424E+02	-1.59		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1180	16	39WR1	16	8.78E+00	9.07E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.336E+04	2.630E+03	2.827E+03	-7.48	2.808E+03	-6.78		
2	3.463E+04	2.440E+03	2.554E+03	-4.69	2.538E+03	-4.01		
3	3.583E+04	2.266E+03	2.329E+03	-2.77	2.314E+03	-2.11		
4	3.724E+04	2.057E+03	2.097E+03	-1.92	2.083E+03	-1.27		
5	3.999E+04	1.716E+03	1.726E+03	-.59	1.715E+03	.05		
6	5.734E+04	6.824E+02	6.420E+02	5.91	6.382E+02	6.47		
7	5.895E+04	6.326E+02	5.951E+02	5.92	5.916E+02	6.47		
8	6.062E+04	5.591E+02	5.514E+02	1.39	5.482E+02	1.96		
9	6.637E+04	4.724E+02	4.307E+02	8.83	4.283E+02	9.34		
10	6.838E+04	4.442E+02	3.972E+02	10.58	3.950E+02	11.08		
11	7.024E+04	4.143E+02	3.694E+02	10.84	3.673E+02	11.33		
12	7.229E+04	3.832E+02	3.418E+02	10.80	3.399E+02	11.29		
13	7.455E+04	3.641E+02	3.147E+02	13.57	3.130E+02	14.04		
14	7.639E+04	3.317E+02	2.948E+02	11.12	2.932E+02	11.60		
15	9.150E+04	2.081E+02	1.834E+02	11.86	1.825E+02	12.30		
16	9.693E+04	1.843E+02	1.583E+02	14.12	1.575E+02	14.54		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
40	1181	2	76GO1	2	1.90E+00	1.33E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.220E+04	8.120E+02	8.308E+02	-2.32	8.257E+02	-1.69		
2	8.430E+04	2.240E+02	2.271E+02	-1.36	2.259E+02	-.83		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
40	1182	1	74GO1	1	7.55E-02	4.78E-01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.210E+04	3.440E+02	3.443E+02	-.08	3.424E+02	.48

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
40	1183	9	70CO1	1	2.44E-01	2.70E-01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	2.019E+02	2.024E+02	-.24	2.014E+02	.27

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
41	1189	16	68HO1	2	5.39E-01	1.89E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	9.040E+03	9.074E+03	-.38	8.850E+03	2.10
2	1.417E+04	4.780E+03	4.812E+03	-.66	4.701E+03	1.66

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
41	1190	14	66HU1	1	3.03E+00	5.48E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.106E+04	1.072E+04	3.03	1.045E+04	5.48

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
41	1191	10	66HE1	2	1.45E+00	2.85E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.057E+04	1.072E+04	-1.47	1.045E+04	1.09
2	1.107E+04	9.549E+03	9.412E+03	1.43	9.178E+03	3.88

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
41	1192	13	61SW1	10	3.12E+00	3.21E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	1.095E+04	1.075E+04	1.80	1.048E+04	4.28
2	1.192E+04	7.821E+03	7.699E+03	1.56	7.512E+03	3.95
3	1.329E+04	5.754E+03	5.728E+03	.45	5.594E+03	2.79
4	1.578E+04	3.486E+03	3.591E+03	-3.01	3.511E+03	-.72
5	1.663E+04	2.946E+03	3.114E+03	-5.70	3.046E+03	-3.38
6	1.748E+04	2.607E+03	2.720E+03	-4.33	2.661E+03	-2.07
7	1.961E+04	1.262E+04	1.249E+04	1.00	1.241E+04	1.66
8	2.118E+04	1.066E+04	1.029E+04	3.49	1.022E+04	4.15
9	2.216E+04	9.549E+03	9.161E+03	4.06	9.099E+03	4.72
10	2.527E+04	6.572E+03	6.500E+03	1.10	6.456E+03	1.76

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
41	1193	4	74MA1	2	6.97E+00	6.31E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	2.560E+03	2.737E+03	-6.91	2.677E+03	-4.59
2	1.961E+04	1.344E+04	1.249E+04	7.04	1.241E+04	7.66

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
41	1194	10	67MC1	7	1.26E+00	1.26E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	6.660E+03	6.687E+03	-.41	6.642E+03	.27
2	3.004E+04	3.999E+03	4.097E+03	-2.45	4.070E+03	-1.78

3	4.004E+04	1.871E+03	1.882E+03	-.61	1.870E+03	.03
4	5.008E+04	1.011E+03	1.020E+03	-.94	1.014E+03	-.34
5	6.003E+04	6.282E+02	6.213E+02	1.11	6.176E+02	1.69
6	7.004E+04	4.147E+02	4.084E+02	1.53	4.061E+02	2.08
7	8.499E+04	2.440E+02	2.435E+02	.21	2.422E+02	.72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
41	1195	9	62WI1	8	1.33E+00	1.54E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	1.867E+03	1.872E+03	-.28	1.860E+03	.36	
2	4.298E+04	1.543E+03	1.551E+03	-.54	1.542E+03	.09	
3	4.540E+04	1.327E+03	1.335E+03	-.63	1.327E+03	-.01	
4	5.000E+04	1.029E+03	1.025E+03	.39	1.019E+03	.99	
5	5.752E+04	7.000E+02	6.982E+02	.26	6.940E+02	.85	
6	6.787E+04	4.490E+02	4.447E+02	.96	4.422E+02	1.52	
7	7.081E+04	3.920E+02	3.965E+02	-1.14	3.943E+02	-.58	
8	8.684E+04	2.380E+02	2.301E+02	3.32	2.289E+02	3.82	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
41	1196	12	36JO1	4	7.74E+00	8.20E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	6.706E+04	4.768E+02	4.594E+02	3.64	4.568E+02	4.19	
2	7.730E+04	3.433E+02	3.132E+02	8.77	3.115E+02	9.26	
3	8.840E+04	2.398E+02	2.196E+02	8.41	2.185E+02	8.88	
4	9.520E+04	1.989E+02	1.813E+02	8.86	1.804E+02	9.32	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
41	1197	9	70CO1	1	2.10E+00	2.60E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	2.264E+02	2.216E+02	2.10	2.205E+02	2.60	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1203	12	68HO1	2	8.07E-01	3.05E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	1.017E+04	1.005E+04	1.14	9.800E+03	3.63	
2	1.417E+04	5.340E+03	5.342E+03	-.04	5.215E+03	2.34	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1204	10	74PA1	5	5.52E+00	5.51E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	5.570E+03	5.636E+03	-1.19	5.501E+03	1.24	
2	1.780E+04	2.860E+03	2.783E+03	2.68	2.731E+03	4.51	
3	2.080E+04	1.227E+04	1.247E+04	-1.61	1.238E+04	-.89	
4	2.640E+04	6.220E+03	6.929E+03	-11.39	6.882E+03	-10.64	
5	3.210E+04	3.780E+03	3.652E+03	3.40	3.628E+03	4.01	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1205	6	60EH1	1	4.40E+00	6.80E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.192E+04	8.951E+03	8.557E+03	4.40	8.342E+03	6.80	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1207	12	69DE1	6	8.07E+00	7.93E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	1.401E+04	1.366E+04	2.49	1.331E+04	4.97	
2	1.500E+04	4.556E+03	4.546E+03	.22	4.443E+03	2.48	
3	2.494E+04	7.329E+03	8.374E+03	-14.26	8.317E+03	-13.48	
4	2.500E+04	7.329E+03	8.310E+03	-13.39	8.253E+03	-12.61	
5	3.000E+04	4.537E+03	4.476E+03	1.34	4.447E+03	1.98	
6	4.000E+04	2.077E+03	2.061E+03	.75	2.048E+03	1.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1208	2	53HU1	1	2.06E+00	1.20E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.867E+03	2.926E+03	-2.06	2.870E+03	-.12	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1209	3	64KA1	2	6.05E+00	5.85E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.995E+03	2.964E+03	1.04	2.907E+03	2.93	
2	2.210E+04	1.058E+04	1.148E+04	-8.50	1.140E+04	-7.73	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1210	14	61SW1	11	6.12E+00	5.57E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	1.192E+04	1.187E+04	.40	1.157E+04	2.92	
2	1.192E+04	8.555E+03	8.557E+03	-.02	8.342E+03	2.49	
3	1.329E+04	6.213E+03	6.379E+03	-2.67	6.222E+03	-.15	
4	1.578E+04	3.791E+03	3.925E+03	-3.53	3.841E+03	-1.32	
5	1.663E+04	3.266E+03	3.371E+03	-3.21	3.303E+03	-1.14	
6	1.748E+04	2.883E+03	2.926E+03	-1.50	2.870E+03	.44	
7	1.862E+04	2.437E+03	2.470E+03	-1.35	2.424E+03	.55	
8	1.961E+04	2.119E+03	2.177E+03	-2.75	2.134E+03	-.71	
9	2.118E+04	1.144E+04	1.225E+04	-7.04	1.216E+04	-6.29	
10	2.216E+04	1.019E+04	1.142E+04	-12.07	1.134E+04	-11.29	
11	2.527E+04	7.089E+03	8.027E+03	-13.23	7.972E+03	-12.46	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1211	20	59DE1	17	7.19E+00	6.95E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.098E+04	1.072E+04	1.065E+04	.66	1.038E+04	3.17	
2	1.122E+04	1.008E+04	1.005E+04	.26	9.800E+03	2.77	
3	1.249E+04	7.481E+03	7.549E+03	-.91	7.361E+03	1.60	
4	1.339E+04	6.168E+03	6.249E+03	-1.32	6.096E+03	1.16	
5	1.496E+04	4.577E+03	4.581E+03	-.08	4.477E+03	2.19	
6	1.577E+04	3.932E+03	3.932E+03	.00	3.848E+03	2.13	
7	1.748E+04	2.933E+03	2.926E+03	.23	2.870E+03	2.13	
8	1.767E+04	2.874E+03	2.840E+03	1.19	2.786E+03	3.06	
9	1.961E+04	2.136E+03	2.177E+03	-1.93	2.134E+03	.09	
10	2.021E+04	1.266E+04	1.266E+04	.02	1.257E+04	.73	
11	2.216E+04	9.950E+03	1.142E+04	-14.78	1.134E+04	-13.97	
12	2.272E+04	9.329E+03	1.084E+04	-16.21	1.077E+04	-15.40	
13	2.494E+04	7.328E+03	8.374E+03	-14.27	8.317E+03	-13.49	



14	2.527E+04	7.102E+03	8.027E+03	-13.02	7.972E+03	-12.25
15	2.848E+04	5.149E+03	5.324E+03	-3.40	5.289E+03	-2.72
16	2.919E+04	4.808E+03	4.897E+03	-1.84	4.865E+03	-1.18
17	3.049E+04	4.300E+03	4.253E+03	1.08	4.226E+03	1.72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1212	15	34GR1	15	9.04E+00	1.01E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.194E+04	9.926E+03	8.519E+03	14.18	8.305E+03	16.33	
2	1.417E+04	6.139E+03	5.342E+03	12.98	5.215E+03	15.05	
3	1.579E+04	4.510E+03	3.918E+03	13.13	3.834E+03	14.98	
4	1.663E+04	3.844E+03	3.371E+03	12.31	3.303E+03	14.07	
5	1.749E+04	3.336E+03	2.921E+03	12.43	2.866E+03	14.09	
6	1.929E+04	2.531E+03	2.263E+03	10.60	2.219E+03	12.33	
7	2.022E+04	1.424E+04	1.266E+04	11.12	1.257E+04	11.75	
8	2.118E+04	1.239E+04	1.225E+04	1.16	1.216E+04	1.86	
9	2.217E+04	1.105E+04	1.141E+04	-3.26	1.133E+04	-2.54	
10	2.317E+04	9.722E+03	1.035E+04	-6.42	1.027E+04	-5.68	
11	2.526E+04	7.705E+03	8.037E+03	-4.31	7.982E+03	-3.60	
12	3.093E+04	4.398E+03	4.071E+03	7.44	4.045E+03	8.03	
13	6.843E+04	4.652E+02	4.761E+02	-2.35	4.735E+02	-1.78	
14	7.644E+04	3.544E+02	3.531E+02	.37	3.512E+02	.91	
15	9.700E+04	1.835E+02	1.887E+02	-2.84	1.877E+02	-2.30	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1213	17	26RI1	17	9.51E+00	9.78E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.240E+04	8.602E+03	7.698E+03	10.51	7.505E+03	12.75	
2	1.310E+04	7.408E+03	6.635E+03	10.44	6.471E+03	12.65	
3	1.380E+04	5.703E+03	5.751E+03	-.83	5.612E+03	1.60	
4	1.460E+04	4.938E+03	4.910E+03	.56	4.797E+03	2.86	
5	1.550E+04	4.301E+03	4.135E+03	3.87	4.045E+03	5.96	
6	1.660E+04	3.823E+03	3.388E+03	11.37	3.320E+03	13.15	
7	1.770E+04	2.947E+03	2.827E+03	4.09	2.773E+03	5.90	
8	1.910E+04	2.390E+03	2.318E+03	3.03	2.273E+03	4.89	
9	2.060E+04	1.235E+04	1.255E+04	-1.65	1.247E+04	-.93	
10	2.230E+04	9.717E+03	1.128E+04	-16.09	1.120E+04	-15.28	
11	2.470E+04	7.646E+03	8.633E+03	-12.90	8.574E+03	-12.13	
12	2.730E+04	5.894E+03	6.167E+03	-4.63	6.126E+03	-3.94	
13	3.050E+04	4.030E+03	4.249E+03	-5.44	4.222E+03	-4.76	
14	3.370E+04	3.027E+03	3.195E+03	-5.55	3.175E+03	-4.88	
15	3.950E+04	2.071E+03	2.129E+03	-2.82	2.116E+03	-2.17	
16	4.490E+04	1.274E+03	1.511E+03	-18.61	1.502E+03	-17.86	
17	5.350E+04	7.970E+02	9.309E+02	-16.81	9.253E+02	-16.10	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1214	27	21RI1	27	5.86E+00	6.47E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.314E+04	6.914E+03	6.580E+03	4.83	6.418E+03	7.18	
2	1.385E+04	5.735E+03	5.693E+03	.73	5.556E+03	3.12	
3	1.463E+04	5.145E+03	4.882E+03	5.11	4.769E+03	7.31	
4	1.553E+04	4.333E+03	4.112E+03	5.11	4.022E+03	7.17	
5	1.668E+04	3.600E+03	3.342E+03	7.18	3.275E+03	9.02	

6	1.734E+04	3.170E+03	2.993E+03	5.60	2.935E+03	7.40
7	1.907E+04	2.405E+03	2.326E+03	3.27	2.282E+03	5.11
8	2.070E+04	1.286E+04	1.251E+04	2.70	1.242E+04	3.39
9	2.250E+04	1.016E+04	1.107E+04	-9.00	1.100E+04	-8.24
10	2.460E+04	7.870E+03	8.742E+03	-11.08	8.682E+03	-10.32
11	2.590E+04	6.770E+03	7.396E+03	-9.24	7.346E+03	-8.51
12	2.740E+04	5.942E+03	6.089E+03	-2.47	6.048E+03	-1.79
13	2.880E+04	5.018E+03	5.124E+03	-2.12	5.091E+03	-1.45
14	2.970E+04	4.699E+03	4.624E+03	1.59	4.594E+03	2.23
15	3.060E+04	4.381E+03	4.206E+03	3.99	4.179E+03	4.61
16	3.150E+04	4.078E+03	3.856E+03	5.45	3.831E+03	6.06
17	3.250E+04	3.775E+03	3.527E+03	6.58	3.504E+03	7.18
18	3.370E+04	3.457E+03	3.195E+03	7.58	3.175E+03	8.16
19	3.480E+04	3.154E+03	2.937E+03	6.88	2.918E+03	7.47
20	3.730E+04	2.660E+03	2.462E+03	7.43	2.447E+03	8.01
21	4.020E+04	2.151E+03	2.035E+03	5.40	2.022E+03	6.00
22	4.380E+04	1.712E+03	1.618E+03	5.51	1.607E+03	6.11
23	4.800E+04	1.290E+03	1.256E+03	2.64	1.248E+03	3.25
24	5.300E+04	9.800E+02	9.552E+02	2.53	9.494E+02	3.12
25	5.930E+04	7.250E+02	7.029E+02	3.04	6.989E+02	3.60
26	6.740E+04	5.210E+02	4.961E+02	4.77	4.934E+02	5.30
27	9.180E+04	2.410E+02	2.176E+02	9.73	2.164E+02	10.21

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1215	1	22WI1	1	9.17E+00	1.09E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	3.263E+03	2.964E+03	9.17	2.907E+03	10.90	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1216	2	25ST1	2	1.38E+00	9.48E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.750E+04	2.900E+03	2.917E+03	-.58	2.861E+03	1.33	
2	1.960E+04	2.140E+03	2.180E+03	-1.86	2.137E+03	.16	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1217	5	32MA1	5	7.19E+00	6.64E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.230E+04	1.032E+04	1.128E+04	-9.31	1.120E+04	-8.54	
2	2.450E+04	7.870E+03	8.852E+03	-12.48	8.791E+03	-11.70	
3	2.770E+04	5.639E+03	5.862E+03	-3.95	5.823E+03	-3.26	
4	3.200E+04	3.664E+03	3.684E+03	-.55	3.661E+03	.09	
5	3.870E+04	2.230E+03	2.244E+03	-.61	2.229E+03	.02	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
42	1218	10	67MC1	7	6.74E+00	6.45E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	7.065E+03	8.310E+03	-17.62	8.253E+03	-16.82	
2	3.004E+04	4.349E+03	4.457E+03	-2.49	4.428E+03	-1.83	
3	4.004E+04	2.057E+03	2.056E+03	.05	2.043E+03	.68	
4	5.008E+04	1.121E+03	1.117E+03	.40	1.110E+03	1.02	
5	6.003E+04	6.882E+02	6.799E+02	1.21	6.760E+02	1.77	
6	7.004E+04	4.467E+02	4.470E+02	-.07	4.446E+02	.48	
7	8.499E+04	2.654E+02	2.662E+02	-.32	2.648E+02	.22	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1219	17	39WR1	17	8.80E+00	9.16E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.857E+04	4.818E+03	5.267E+03	-9.31	5.232E+03	-8.59		
2	3.336E+04	3.280E+03	3.283E+03	-.09	3.262E+03	.54		
3	3.463E+04	3.051E+03	2.974E+03	2.51	2.956E+03	3.12		
4	3.583E+04	2.813E+03	2.726E+03	3.11	2.708E+03	3.72		
5	3.724E+04	2.514E+03	2.472E+03	1.65	2.457E+03	2.27		
6	3.999E+04	2.091E+03	2.063E+03	1.35	2.050E+03	1.98		
7	5.734E+04	8.217E+02	7.703E+02	6.25	7.658E+02	6.80		
8	5.895E+04	7.652E+02	7.144E+02	6.64	7.102E+02	7.18		
9	6.062E+04	6.815E+02	6.620E+02	2.86	6.583E+02	3.41		
10	6.637E+04	5.696E+02	5.173E+02	9.18	5.145E+02	9.68		
11	6.838E+04	5.190E+02	4.771E+02	8.08	4.744E+02	8.59		
12	7.024E+04	4.969E+02	4.436E+02	10.73	4.412E+02	11.22		
13	7.229E+04	4.588E+02	4.104E+02	10.55	4.081E+02	11.04		
14	7.455E+04	4.318E+02	3.777E+02	12.53	3.756E+02	13.01		
15	7.639E+04	4.023E+02	3.537E+02	12.07	3.518E+02	12.55		
16	9.150E+04	2.530E+02	2.194E+02	13.27	2.183E+02	13.73		
17	9.693E+04	2.257E+02	1.891E+02	16.24	1.881E+02	16.67		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1220	5	67KN1	5	2.52E+00	2.96E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	3.537E+03	3.485E+03	1.48	3.462E+03	2.11		
2	4.153E+04	1.861E+03	1.868E+03	-.36	1.856E+03	.28		
3	6.817E+04	5.010E+02	4.811E+02	3.98	4.784E+02	4.51		
4	7.950E+04	3.220E+02	3.179E+02	1.28	3.162E+02	1.82		
5	8.897E+04	2.445E+02	2.361E+02	3.45	2.348E+02	3.96		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1221	16	62WI1	11	3.14E+00	3.67E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.952E+04	2.214E+03	2.127E+03	3.95	2.113E+03	4.55		
2	4.012E+04	2.087E+03	2.045E+03	1.99	2.032E+03	2.61		
3	4.153E+04	1.943E+03	1.868E+03	3.88	1.856E+03	4.49		
4	4.298E+04	1.720E+03	1.703E+03	.99	1.692E+03	1.61		
5	4.540E+04	1.505E+03	1.466E+03	2.61	1.456E+03	3.23		
6	5.000E+04	1.185E+03	1.121E+03	5.36	1.114E+03	5.95		
7	5.752E+04	7.885E+02	7.638E+02	3.13	7.593E+02	3.70		
8	6.698E+04	5.209E+02	5.046E+02	3.12	5.018E+02	3.66		
9	6.787E+04	4.891E+02	4.869E+02	.46	4.842E+02	1.01		
10	7.081E+04	4.476E+02	4.340E+02	3.04	4.316E+02	3.57		
11	8.654E+04	2.613E+02	2.539E+02	2.85	2.525E+02	3.37		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1222	4	78PR1	4	3.08E+00	3.17E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.240E+04	9.400E+02	9.855E+02	-4.84	9.795E+02	-4.20		
2	6.000E+04	6.950E+02	6.808E+02	2.04	6.769E+02	2.60		
3	7.220E+04	4.220E+02	4.118E+02	2.42	4.095E+02	2.96		
4	8.440E+04	2.770E+02	2.712E+02	2.10	2.697E+02	2.63		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1223	2	76HA1	1	2.26E+00	1.68E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.960E+04	6.780E+02	6.933E+02	-2.26	6.894E+02	-1.68		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1224	12	36JO1	4	1.19E+00	1.23E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	6.706E+04	5.085E+02	5.030E+02	1.08	5.002E+02	1.63		
2	7.730E+04	3.357E+02	3.427E+02	-2.08	3.408E+02	-1.52		
3	8.840E+04	2.410E+02	2.401E+02	.38	2.388E+02	.92		
4	9.520E+04	1.980E+02	1.980E+02	-.01	1.970E+02	.52		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	1225	9	70CO1	1	2.05E-01	3.32E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	8.809E+04	2.418E+02	2.423E+02	-.20	2.410E+02	.33		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
42	2072	7	84RA01	4	7.35E+00	7.01E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.210E+04	3.536E+03	3.652E+03	-3.27	3.628E+03	-2.61		
2	5.200E+04	1.003E+03	1.007E+03	-.35	1.000E+03	.27		
3	7.300E+04	3.500E+02	3.997E+02	-14.20	3.975E+02	-13.57		
4	8.420E+04	2.780E+02	2.729E+02	1.84	2.714E+02	2.37		

IZ= 43

IZ= 44

IZ= 45

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
45	1236	3	64KA1	2	2.70E+00	4.70E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.740E+04	4.120E+03	4.021E+03	2.41	3.934E+03	4.51		
2	2.210E+04	2.170E+03	2.106E+03	2.95	2.064E+03	4.87		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
45	1237	7	34GR1	7	5.57E+00	5.62E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.749E+04	4.038E+03	3.965E+03	1.81	3.880E+03	3.92		
2	2.118E+04	2.370E+03	2.362E+03	.34	2.314E+03	2.34		
3	2.217E+04	2.078E+03	2.088E+03	-.48	2.047E+03	1.50		
4	2.317E+04	1.922E+03	1.854E+03	3.54	1.818E+03	5.40		
5	2.526E+04	8.239E+03	8.853E+03	-7.45	8.790E+03	-6.69		
6	2.859E+04	5.792E+03	6.448E+03	-11.33	6.405E+03	-10.58		
7	3.093E+04	5.044E+03	5.253E+03	-4.14	5.218E+03	-3.44		



IZ= 46

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
46	1241	3	64KA1	2	3.32E+00	5.11E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.740E+04	4.490E+03		4.391E+03	2.21	4.303E+03		4.17
2	2.210E+04	2.400E+03		2.301E+03	4.14	2.258E+03		5.90

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
46	1242	19	59DE1	17	2.23E+00	2.77E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.098E+04	1.551E+04		1.526E+04	1.64	1.490E+04		3.94
2	1.122E+04	1.451E+04		1.439E+04	.82	1.406E+04		3.12
3	1.249E+04	1.085E+04		1.077E+04	.70	1.053E+04		2.93
4	1.339E+04	8.996E+03		8.926E+03	.77	8.730E+03		2.96
5	1.496E+04	6.705E+03		6.612E+03	1.39	6.472E+03		3.48
6	1.577E+04	5.797E+03		5.732E+03	1.12	5.612E+03		3.18
7	1.748E+04	4.297E+03		4.337E+03	-.93	4.250E+03		1.10
8	1.767E+04	4.207E+03		4.212E+03	-.11	4.127E+03		1.89
9	1.961E+04	3.131E+03		3.177E+03	-1.46	3.116E+03		.49
10	2.021E+04	2.881E+03		2.928E+03	-1.64	2.873E+03		.29
11	2.216E+04	2.198E+03		2.284E+03	-3.91	2.242E+03		-2.00
12	2.272E+04	2.039E+03		2.135E+03	-4.73	2.097E+03		-2.82
13	2.494E+04	1.020E+04		9.815E+03	3.77	9.750E+03		4.42
14	2.527E+04	9.913E+03		9.494E+03	4.23	9.431E+03		4.87
15	2.848E+04	7.063E+03		7.002E+03	.87	6.957E+03		1.51
16	2.919E+04	6.599E+03		6.572E+03	.41	6.530E+03		1.05
17	3.049E+04	5.904E+03		5.870E+03	.58	5.833E+03		1.21

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
46	1243	9	25ST1	9	5.30E+00	4.89E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.750E+04	4.200E+03		4.323E+03	-2.94	4.237E+03		-.87
2	1.960E+04	3.030E+03		3.181E+03	-4.99	3.120E+03		-2.97
3	2.070E+04	2.620E+03		2.745E+03	-4.76	2.693E+03		-2.79
4	2.250E+04	2.030E+03		2.192E+03	-7.99	2.152E+03		-6.01
5	2.480E+04	1.010E+04		9.956E+03	1.43	9.889E+03		2.08
6	2.760E+04	7.940E+03		7.588E+03	4.44	7.538E+03		5.06
7	3.100E+04	5.890E+03		5.621E+03	4.56	5.586E+03		5.17
8	3.540E+04	4.130E+03		3.957E+03	4.20	3.932E+03		4.79
9	4.130E+04	2.860E+03		2.616E+03	8.51	2.601E+03		9.06

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
46	1244	6	14BR1	6	1.71E+02	1.70E+02		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.016E+04	3.150E+03		2.948E+03	6.41	2.892E+03		8.20
2	2.152E+04	2.830E+03		2.472E+03	12.66	2.426E+03		14.29
3	2.238E+04	2.380E+03		2.224E+03	6.56	2.183E+03		8.27
4	2.309E+04	2.240E+03		2.045E+03	8.73	2.008E+03		10.37
5	2.440E+04	2.000E+03		1.037E+04	-418.72	1.030E+04		-415.24
6	2.525E+04	1.015E+04		9.513E+03	6.28	9.450E+03		6.90

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
46	1245	5	32MA1	5	3.25E+00	2.79E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.080E+04	2.562E+03	2.709E+03	2.709E+03	-5.75	2.658E+03	-3.76	
2	2.230E+04	2.208E+03	2.245E+03	2.245E+03	-1.70	2.204E+03	.17	
3	2.770E+04	7.826E+03	7.518E+03	7.518E+03	3.94	7.469E+03	4.56	
4	3.200E+04	5.229E+03	5.172E+03	5.172E+03	1.09	5.140E+03	1.71	
5	3.870E+04	3.127E+03	3.116E+03	3.116E+03	.35	3.097E+03	.95	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1257	21	28JO1	2	8.57E+00	1.08E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	1.988E+04	1.850E+04	1.850E+04	6.93	1.805E+04	9.21	
2	1.123E+04	1.737E+04	1.564E+04	1.564E+04	9.94	1.527E+04	12.12	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1259	19	38AN1	1	2.39E+00	4.49E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	4.850E+03	4.734E+03	4.734E+03	2.39	4.632E+03	4.49	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1260	18	68HO1	2	7.79E-01	2.62E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.122E+04	1.583E+04	1.568E+04	1.568E+04	.95	1.530E+04	3.34	
2	1.749E+04	4.700E+03	4.727E+03	4.727E+03	-.56	4.625E+03	1.59	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1261	12	60EH1	1	5.52E+00	7.77E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.192E+04	1.410E+04	1.332E+04	1.332E+04	5.52	1.301E+04	7.77	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1264	30	26AL1	6	8.44E+00	1.04E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	2.024E+04	1.827E+04	1.827E+04	9.73	1.782E+04	11.94	
2	1.137E+04	1.702E+04	1.513E+04	1.513E+04	11.11	1.477E+04	13.25	
3	1.240E+04	1.308E+04	1.198E+04	1.198E+04	8.43	1.169E+04	10.59	
4	1.362E+04	1.021E+04	9.297E+03	9.297E+03	8.94	9.083E+03	11.04	
5	1.657E+04	5.911E+03	5.471E+03	5.471E+03	7.45	5.352E+03	9.46	
6	1.749E+04	4.800E+03	4.727E+03	4.727E+03	1.53	4.625E+03	3.64	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1265	29	26AL1	26	1.03E+02	1.03E+02		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.746E+04	5.105E+03	4.749E+03	4.749E+03	6.98	4.647E+03	8.98	
2	1.970E+04	3.672E+03	3.426E+03	3.426E+03	6.71	3.355E+03	8.63	
3	2.480E+04	1.881E+03	1.841E+03	1.841E+03	2.11	1.806E+03	3.96	
4	2.560E+04	1.576E+03	9.838E+03	9.838E+03	-524.24	9.772E+03	-520.02	
5	2.700E+04	6.627E+03	8.597E+03	8.597E+03	-29.72	8.539E+03	-28.86	
6	2.760E+04	9.493E+03	8.130E+03	8.130E+03	14.35	8.076E+03	14.93	

7	2.820E+04	8.866E+03	7.698E+03	13.18	7.646E+03	13.76
8	2.950E+04	7.791E+03	6.860E+03	11.95	6.815E+03	12.53
9	3.100E+04	6.842E+03	6.036E+03	11.77	5.997E+03	12.34
10	3.260E+04	6.090E+03	5.295E+03	13.06	5.261E+03	13.61
11	3.440E+04	5.230E+03	4.598E+03	12.09	4.569E+03	12.63
12	3.650E+04	4.388E+03	3.931E+03	10.42	3.907E+03	10.96
13	3.870E+04	3.779E+03	3.364E+03	10.99	3.344E+03	11.51
14	4.130E+04	3.206E+03	2.827E+03	11.81	2.811E+03	12.32
15	4.430E+04	2.651E+03	2.343E+03	11.61	2.329E+03	12.13
16	4.770E+04	2.185E+03	1.921E+03	12.09	1.910E+03	12.61
17	5.170E+04	1.719E+03	1.546E+03	10.08	1.537E+03	10.61
18	5.640E+04	1.325E+03	1.221E+03	7.81	1.214E+03	8.35
19	6.200E+04	9.850E+02	9.450E+02	4.06	9.396E+02	4.60
20	6.530E+04	8.420E+02	8.210E+02	2.49	8.165E+02	3.03
21	6.890E+04	7.340E+02	7.100E+02	3.27	7.062E+02	3.79
22	7.290E+04	6.410E+02	6.096E+02	4.90	6.064E+02	5.40
23	7.650E+04	5.700E+02	5.354E+02	6.08	5.326E+02	6.56
24	8.270E+04	4.710E+02	4.344E+02	7.76	4.322E+02	8.23
25	8.980E+04	3.850E+02	3.490E+02	9.35	3.473E+02	9.80
26	9.540E+04	3.260E+02	2.976E+02	8.70	2.962E+02	9.15

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
47	1266	17	26AL1	11	1.04E+01	1.08E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.210E+04	2.687E+03	2.511E+03	6.54	2.462E+03	8.39	
2	2.430E+04	1.791E+03	1.945E+03	-8.59	1.908E+03	-6.52	
3	2.710E+04	1.075E+04	8.517E+03	20.78	8.460E+03	21.31	
4	2.880E+04	8.329E+03	7.295E+03	12.41	7.247E+03	12.99	
5	5.930E+04	1.164E+03	1.066E+03	8.40	1.060E+03	8.92	
6	6.390E+04	8.960E+02	8.707E+02	2.82	8.659E+02	3.36	
7	6.700E+04	7.880E+02	7.658E+02	2.81	7.617E+02	3.34	
8	7.170E+04	6.720E+02	6.375E+02	5.13	6.342E+02	5.63	
9	8.210E+04	4.750E+02	4.430E+02	6.74	4.407E+02	7.21	
10	8.860E+04	4.300E+02	3.617E+02	15.89	3.599E+02	16.31	
11	9.840E+04	3.010E+02	2.745E+02	8.80	2.731E+02	9.25	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
47	1268	9	9BA1	3	2.85E+00	3.09E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	1.886E+04	1.855E+04	1.64	1.810E+04	4.05	
2	1.122E+04	1.567E+04	1.568E+04	-.06	1.530E+04	2.35	
3	2.216E+04	2.382E+03	2.493E+03	-4.66	2.444E+03	-2.59	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
47	1269	6	36SC1	2	1.63E+00	8.62E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	1.817E+04	1.850E+04	-1.83	1.805E+04	.66	
2	1.193E+04	1.311E+04	1.329E+04	-1.39	1.298E+04	1.02	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
47	1270	35	29BA1	21	3.86E+00	5.88E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.031E+04	2.114E+04	1.968E+04	6.89	1.920E+04	9.19	



2	1.055E+04	1.954E+04	1.850E+04	5.31	1.805E+04	7.63
3	1.080E+04	1.866E+04	1.737E+04	6.89	1.695E+04	9.16
4	1.131E+04	1.626E+04	1.535E+04	5.62	1.498E+04	7.89
5	1.165E+04	1.490E+04	1.417E+04	4.90	1.383E+04	7.17
6	1.184E+04	1.443E+04	1.357E+04	5.99	1.324E+04	8.23
7	1.240E+04	1.225E+04	1.198E+04	2.23	1.169E+04	4.53
8	1.298E+04	1.089E+04	1.059E+04	2.78	1.034E+04	5.05
9	1.328E+04	1.024E+04	9.954E+03	2.80	9.723E+03	5.05
10	1.359E+04	9.464E+03	9.352E+03	1.18	9.137E+03	3.46
11	1.391E+04	9.018E+03	8.782E+03	2.61	8.581E+03	4.84
12	1.423E+04	8.416E+03	8.259E+03	1.87	8.071E+03	4.10
13	1.457E+04	8.112E+03	7.748E+03	4.49	7.573E+03	6.65
14	1.490E+04	7.467E+03	7.293E+03	2.33	7.129E+03	4.53
15	1.525E+04	7.032E+03	6.849E+03	2.61	6.696E+03	4.78
16	1.560E+04	6.624E+03	6.441E+03	2.76	6.298E+03	4.92
17	1.600E+04	6.283E+03	6.015E+03	4.27	5.882E+03	6.38
18	1.630E+04	5.796E+03	5.720E+03	1.32	5.594E+03	3.48
19	1.710E+04	5.151E+03	5.024E+03	2.47	4.915E+03	4.57
20	1.790E+04	4.447E+03	4.439E+03	.17	4.345E+03	2.30
21	1.880E+04	3.874E+03	3.887E+03	-.35	3.806E+03	1.76

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1271	4	74MA1	2	4.68E+00	2.49E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.744E+04	4.530E+03	4.763E+03		-5.15	4.661E+03		-2.89
2	1.961E+04	3.330E+03	3.468E+03		-4.15	3.397E+03		-2.00

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1273	6	69DE1	4	3.44E+00	1.99E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.500E+04	7.025E+03	7.162E+03		-1.95	7.001E+03		.34
2	2.000E+04	3.190E+03	3.288E+03		-3.09	3.221E+03		-.97
3	2.494E+04	1.727E+03	1.814E+03		-5.02	1.779E+03		-3.04
4	4.000E+04	2.991E+03	3.080E+03		-2.97	3.062E+03		-2.37

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1274	19	59DE1	16	1.41E+00	1.82E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.098E+04	1.668E+04	1.662E+04		.36	1.622E+04		2.78
2	1.122E+04	1.586E+04	1.568E+04		1.13	1.530E+04		3.52
3	1.249E+04	1.180E+04	1.175E+04		.46	1.147E+04		2.80
4	1.339E+04	9.756E+03	9.734E+03		.22	9.509E+03		2.53
5	1.496E+04	7.164E+03	7.214E+03		-.70	7.052E+03		1.57
6	1.577E+04	6.204E+03	6.255E+03		-.82	6.116E+03		1.41
7	1.748E+04	4.703E+03	4.734E+03		-.66	4.632E+03		1.50
8	1.767E+04	4.578E+03	4.597E+03		-.42	4.499E+03		1.72
9	1.961E+04	3.428E+03	3.468E+03		-1.17	3.397E+03		.91
10	2.021E+04	3.161E+03	3.197E+03		-1.13	3.132E+03		.93
11	2.216E+04	2.429E+03	2.493E+03		-2.63	2.444E+03		-.60
12	2.272E+04	2.266E+03	2.331E+03		-2.86	2.285E+03		-.84
13	2.494E+04	1.760E+03	1.814E+03		-3.05	1.779E+03		-1.10
14	2.848E+04	7.582E+03	7.506E+03		1.00	7.456E+03		1.66
15	2.919E+04	7.075E+03	7.048E+03		.38	7.002E+03		1.03



16	3.049E+04	6.332E+03	6.301E+03	.49	6.260E+03	1.13		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1275	17	77MU1	8	6.79E-01	1.57E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.053E+04	1.863E+04	1.860E+04	.17	1.814E+04	2.62		
2	1.338E+04	9.700E+03	9.754E+03	-.56	9.528E+03	1.77		
3	1.833E+04	4.161E+03	4.163E+03	-.05	4.075E+03	2.06		
4	2.414E+04	1.970E+03	1.980E+03	-.49	1.942E+03	1.43		
5	3.085E+04	6.114E+03	6.113E+03	.02	6.073E+03	.67		
6	4.571E+04	2.162E+03	2.154E+03	.37	2.141E+03	.95		
7	8.100E+04	4.603E+02	4.592E+02	.23	4.569E+02	.73		
8	8.679E+04	3.756E+02	3.820E+02	-1.71	3.801E+02	-1.20		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1276	11	77RA2	8	7.03E-01	1.54E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.053E+04	1.863E+04	1.860E+04	.17	1.814E+04	2.62		
2	1.337E+04	9.700E+03	9.774E+03	-.76	9.548E+03	1.57		
3	1.833E+04	4.161E+03	4.163E+03	-.05	4.075E+03	2.06		
4	2.414E+04	1.970E+03	1.980E+03	-.49	1.942E+03	1.43		
5	3.085E+04	6.114E+03	6.113E+03	.02	6.073E+03	.67		
6	4.571E+04	2.162E+03	2.154E+03	.37	2.141E+03	.95		
7	8.100E+04	4.603E+02	4.592E+02	.23	4.569E+02	.73		
8	8.679E+04	3.756E+02	3.820E+02	-1.71	3.801E+02	-1.20		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1277	17	32MA1	13	6.54E+00	7.78E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.144E+04	1.594E+04	1.488E+04	6.64	1.452E+04	8.88		
2	1.158E+04	1.487E+04	1.440E+04	3.15	1.406E+04	5.47		
3	1.338E+04	1.021E+04	9.754E+03	4.47	9.528E+03	6.68		
4	1.748E+04	5.087E+03	4.734E+03	6.94	4.632E+03	8.94		
5	1.961E+04	3.690E+03	3.468E+03	6.01	3.397E+03	7.95		
6	2.080E+04	3.045E+03	2.958E+03	2.87	2.898E+03	4.83		
7	2.216E+04	2.579E+03	2.493E+03	3.34	2.444E+03	5.25		
8	2.230E+04	2.543E+03	2.451E+03	3.62	2.403E+03	5.52		
9	2.494E+04	1.791E+03	1.814E+03	-1.27	1.779E+03	.65		
10	2.770E+04	9.170E+03	8.056E+03	12.15	8.002E+03	12.73		
11	2.849E+04	8.167E+03	7.499E+03	8.17	7.450E+03	8.78		
12	3.200E+04	6.126E+03	5.558E+03	9.27	5.523E+03	9.85		
13	3.870E+04	3.654E+03	3.364E+03	7.95	3.344E+03	8.49		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1278	7	79PU1	6	5.85E+00	6.51E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	1.825E+04	1.827E+04	-.11	1.782E+04	2.34		
2	1.440E+04	8.070E+03	7.998E+03	.89	7.816E+03	3.14		
3	2.470E+04	1.885E+03	1.861E+03	1.25	1.826E+03	3.12		
4	3.290E+04	5.425E+03	5.169E+03	4.71	5.137E+03	5.31		
5	3.690E+04	4.220E+03	3.818E+03	9.52	3.796E+03	10.06		
6	6.660E+04	8.600E+02	7.784E+02	9.49	7.741E+02	9.99		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1279	36	41LA1	36	2.55E+00	2.15E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.193E+04	1.329E+04	1.329E+04	1.329E+04	-.01	1.298E+04	2.36	
2	1.340E+04	9.673E+03	9.715E+03	9.715E+03	-.43	9.490E+03	1.89	
3	1.416E+04	8.369E+03	8.370E+03	8.370E+03	-.01	8.179E+03	2.27	
4	1.495E+04	6.948E+03	7.227E+03	7.227E+03	-4.01	7.064E+03	-1.68	
5	1.578E+04	6.225E+03	6.244E+03	6.244E+03	-.31	6.106E+03	1.91	
6	1.662E+04	5.392E+03	5.426E+03	5.426E+03	-.64	5.308E+03	1.55	
7	1.748E+04	4.757E+03	4.734E+03	4.734E+03	.49	4.632E+03	2.62	
8	1.927E+04	3.604E+03	3.636E+03	3.636E+03	-.89	3.561E+03	1.20	
9	2.021E+04	3.191E+03	3.197E+03	3.197E+03	-.18	3.132E+03	1.86	
10	2.117E+04	2.851E+03	2.820E+03	2.820E+03	1.08	2.764E+03	3.07	
11	2.215E+04	2.353E+03	2.496E+03	2.496E+03	-6.08	2.447E+03	-3.98	
12	2.316E+04	2.142E+03	2.213E+03	2.213E+03	-3.33	2.170E+03	-1.32	
13	2.419E+04	1.901E+03	1.969E+03	1.969E+03	-3.56	1.931E+03	-1.58	
14	2.524E+04	1.706E+03	1.756E+03	1.756E+03	-2.95	1.723E+03	-1.02	
15	2.633E+04	9.173E+03	9.162E+03	9.162E+03	.12	9.100E+03	.79	
16	2.743E+04	8.079E+03	8.259E+03	8.259E+03	-2.23	8.204E+03	-1.54	
17	2.857E+04	7.272E+03	7.446E+03	7.446E+03	-2.39	7.397E+03	-1.71	
18	3.091E+04	5.834E+03	6.082E+03	6.082E+03	-4.25	6.043E+03	-3.58	
19	3.212E+04	5.340E+03	5.504E+03	5.504E+03	-3.07	5.469E+03	-2.42	
20	3.336E+04	4.793E+03	4.985E+03	4.985E+03	-4.00	4.953E+03	-3.35	
21	3.463E+04	4.401E+03	4.518E+03	4.518E+03	-2.65	4.490E+03	-2.02	
22	3.583E+04	4.070E+03	4.129E+03	4.129E+03	-1.44	4.104E+03	-.82	
23	3.724E+04	3.653E+03	3.726E+03	3.726E+03	-2.01	3.704E+03	-1.40	
24	3.999E+04	3.015E+03	3.082E+03	3.082E+03	-2.22	3.064E+03	-1.62	
25	5.734E+04	1.157E+03	1.168E+03	1.168E+03	-.95	1.161E+03	-.36	
26	5.895E+04	1.072E+03	1.083E+03	1.083E+03	-1.07	1.077E+03	-.49	
27	6.062E+04	9.655E+02	1.004E+03	1.004E+03	-4.03	9.987E+02	-3.44	
28	6.450E+04	8.221E+02	8.489E+02	8.489E+02	-3.26	8.442E+02	-2.69	
29	6.637E+04	7.724E+02	7.857E+02	7.857E+02	-1.72	7.814E+02	-1.16	
30	6.838E+04	7.180E+02	7.247E+02	7.247E+02	-.93	7.208E+02	-.39	
31	7.024E+04	6.694E+02	6.740E+02	6.740E+02	-.68	6.704E+02	-.15	
32	7.229E+04	6.198E+02	6.236E+02	6.236E+02	-.61	6.203E+02	-.08	
33	7.433E+04	5.824E+02	5.785E+02	5.785E+02	.67	5.755E+02	1.19	
34	7.639E+04	5.474E+02	5.374E+02	5.374E+02	1.82	5.347E+02	2.32	
35	9.150E+04	3.154E+02	3.321E+02	3.321E+02	-5.31	3.305E+02	-4.79	
36	9.693E+04	2.779E+02	2.855E+02	2.855E+02	-2.73	2.841E+02	-2.22	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1280	11	34GR1	11	5.23E+00	4.12E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.194E+04	1.303E+04	1.326E+04	1.326E+04	-1.78	1.295E+04	.64	
2	1.417E+04	8.008E+03	8.354E+03	8.354E+03	-4.32	8.163E+03	-1.94	
3	1.579E+04	6.016E+03	6.233E+03	6.233E+03	-3.61	6.095E+03	-1.32	
4	2.217E+04	2.400E+03	2.490E+03	2.490E+03	-3.75	2.441E+03	-1.70	
5	2.317E+04	2.078E+03	2.211E+03	2.211E+03	-6.39	2.168E+03	-4.32	
6	2.526E+04	1.672E+03	1.753E+03	1.753E+03	-4.82	1.720E+03	-2.85	
7	2.635E+04	8.730E+03	9.144E+03	9.144E+03	-4.75	9.083E+03	-4.04	
8	2.746E+04	7.752E+03	8.236E+03	8.236E+03	-6.25	8.181E+03	-5.54	
9	3.093E+04	5.717E+03	6.072E+03	6.072E+03	-6.21	6.033E+03	-5.52	
10	7.029E+04	6.389E+02	6.727E+02	6.727E+02	-5.29	6.691E+02	-4.73	



11	7.644E+04	4.981E+02	5.365E+02	-7.71	5.337E+02	-7.15		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1281	1	22WI1	1	1.31E+01	1.50E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	5.515E+03	4.793E+03	13.09	4.690E+03	14.96		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1282	9	25ST1	9	7.83E+00	7.61E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.750E+04	4.630E+03	4.719E+03	-1.93	4.618E+03	.26		
2	1.960E+04	3.400E+03	3.473E+03	-2.15	3.401E+03	-.04		
3	2.070E+04	2.920E+03	2.996E+03	-2.62	2.936E+03	-.54		
4	2.250E+04	2.210E+03	2.393E+03	-8.26	2.346E+03	-6.14		
5	2.480E+04	1.700E+03	1.841E+03	-8.31	1.806E+03	-6.26		
6	2.760E+04	8.870E+03	8.130E+03	8.34	8.076E+03	8.95		
7	3.100E+04	6.660E+03	6.036E+03	9.36	5.997E+03	9.95		
8	3.540E+04	4.700E+03	4.263E+03	9.31	4.237E+03	9.86		
9	4.130E+04	3.230E+03	2.827E+03	12.46	2.811E+03	12.97		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1283	11	26RI1	11	1.08E+01	1.02E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.770E+04	4.388E+03	4.576E+03	-4.29	4.479E+03	-2.06		
2	1.900E+04	3.493E+03	3.778E+03	-8.15	3.699E+03	-5.89		
3	2.060E+04	2.866E+03	3.036E+03	-5.93	2.974E+03	-3.78		
4	2.250E+04	2.293E+03	2.393E+03	-4.35	2.346E+03	-2.29		
5	2.470E+04	1.881E+03	1.861E+03	1.04	1.826E+03	2.92		
6	2.750E+04	8.329E+03	8.206E+03	1.48	8.151E+03	2.14		
7	3.090E+04	6.448E+03	6.087E+03	5.60	6.048E+03	6.21		
8	3.530E+04	4.388E+03	4.295E+03	2.13	4.268E+03	2.72		
9	4.090E+04	2.794E+03	2.902E+03	-3.86	2.885E+03	-3.26		
10	4.820E+04	1.612E+03	1.868E+03	-15.86	1.857E+03	-15.18		
11	5.760E+04	8.960E+02	1.154E+03	-28.76	1.147E+03	-28.02		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1284	14	26RI1	14	1.24E+01	1.29E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.880E+04	8.562E+03	7.295E+03	14.80	7.247E+03	15.36		
2	2.970E+04	7.827E+03	6.742E+03	13.86	6.698E+03	14.43		
3	3.060E+04	7.021E+03	6.243E+03	11.08	6.202E+03	11.66		
4	3.150E+04	6.627E+03	5.791E+03	12.62	5.754E+03	13.18		
5	3.250E+04	6.090E+03	5.338E+03	12.35	5.304E+03	12.91		
6	3.370E+04	5.552E+03	4.854E+03	12.58	4.823E+03	13.12		
7	3.480E+04	5.105E+03	4.460E+03	12.64	4.432E+03	13.18		
8	3.730E+04	4.227E+03	3.711E+03	12.22	3.688E+03	12.74		
9	4.020E+04	3.493E+03	3.039E+03	13.00	3.021E+03	13.51		
10	4.380E+04	2.794E+03	2.416E+03	13.54	2.402E+03	14.05		
11	4.800E+04	2.239E+03	1.889E+03	15.65	1.878E+03	16.14		
12	5.300E+04	1.702E+03	1.445E+03	15.08	1.437E+03	15.58		
13	5.930E+04	1.064E+03	1.066E+03	-.21	1.060E+03	.36		
14	6.740E+04	7.630E+02	7.536E+02	1.23	7.495E+02	1.77		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1285	6	14BR1	6	8.74E+00	1.04E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.016E+04	3.510E+03	3.218E+03	8.31	3.153E+03	10.18		
2	2.152E+04	3.000E+03	2.698E+03	10.06	2.644E+03	11.86		
3	2.238E+04	2.530E+03	2.427E+03	4.06	2.380E+03	5.95		
4	2.309E+04	2.480E+03	2.231E+03	10.02	2.188E+03	11.77		
5	2.440E+04	2.200E+03	1.924E+03	12.57	1.887E+03	14.23		
6	2.525E+04	1.820E+03	1.755E+03	3.60	1.722E+03	5.41		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1286	1	68GH1	1	1.36E+01	1.14E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.261E+04	2.078E+03	2.361E+03	-13.64	2.315E+03	-11.41		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1287	13	67MC1	10	1.53E+00	1.05E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.400E+04	1.959E+03	2.011E+03	-2.65	1.972E+03	-.68		
2	2.500E+04	1.759E+03	1.802E+03	-2.45	1.768E+03	-.51		
3	2.601E+04	9.663E+03	9.450E+03	2.20	9.386E+03	2.86		
4	3.004E+04	6.512E+03	6.548E+03	-.55	6.505E+03	.11		
5	4.004E+04	3.061E+03	3.072E+03	-.34	3.054E+03	.24		
6	5.008E+04	1.653E+03	1.685E+03	-1.91	1.675E+03	-1.31		
7	6.003E+04	1.022E+03	1.031E+03	-.92	1.026E+03	-.35		
8	7.004E+04	6.780E+02	6.792E+02	-.17	6.756E+02	.36		
9	7.996E+04	4.720E+02	4.754E+02	-.72	4.730E+02	-.21		
10	8.992E+04	3.464E+02	3.478E+02	-.40	3.460E+02	.10		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1288	1	72SA1	1	4.50E+02	4.46E+02		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.580E+04	1.755E+03	9.646E+03	-449.63	9.581E+03	-445.93		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1289	16	62WI1	11	8.83E-01	1.09E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.952E+04	3.188E+03	3.181E+03	.23	3.162E+03	.81		
2	4.012E+04	3.027E+03	3.055E+03	-.93	3.037E+03	-.34		
3	4.153E+04	2.740E+03	2.786E+03	-1.67	2.769E+03	-1.08		
4	4.298E+04	2.543E+03	2.541E+03	.07	2.526E+03	.66		
5	4.540E+04	2.185E+03	2.194E+03	-.41	2.181E+03	.18		
6	5.000E+04	1.725E+03	1.692E+03	1.92	1.682E+03	2.50		
7	5.752E+04	1.166E+03	1.158E+03	.68	1.151E+03	1.26		
8	6.787E+04	7.430E+02	7.395E+02	.46	7.355E+02	1.00		
9	6.884E+04	7.130E+02	7.117E+02	.18	7.079E+02	.72		
10	7.081E+04	6.630E+02	6.594E+02	.54	6.559E+02	1.07		
11	8.654E+04	3.850E+02	3.850E+02	.01	3.830E+02	.51		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
47	1290	2	76GO1	2	2.41E+00	1.85E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.220E+04	1.471E+03	1.506E+03	-2.39	1.497E+03	-1.78		



	2	8.430E+04	4.030E+02	4.128E+02	-2.43	4.107E+02	-1.91	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1291	4	78PR1	4	1.37E+00	8.68E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.240E+04	1.478E+03	1.491E+03	-.85	1.482E+03	-.26	
	2	6.000E+04	1.015E+03	1.033E+03	-1.76	1.027E+03	-1.18	
	3	7.220E+04	6.150E+02	6.257E+02	-1.74	6.224E+02	-1.20	
	4	8.440E+04	4.080E+02	4.115E+02	-.85	4.094E+02	-.35	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1292	3	34HA1	3	6.65E+00	7.04E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.931E+04	1.073E+03	1.066E+03	.68	1.060E+03	1.25	
	2	7.278E+04	6.480E+02	6.123E+02	5.51	6.091E+02	6.00	
	3	8.837E+04	4.050E+02	3.642E+02	10.08	3.623E+02	10.53	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1293	2	73RA2	1	2.21E+00	1.63E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	5.960E+04	1.029E+03	1.052E+03	-2.21	1.046E+03	-1.63	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1294	2	79CE1	1	1.63E+00	2.20E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	6.000E+04	1.050E+03	1.033E+03	1.63	1.027E+03	2.20	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1295	1	74GO1	1	3.23E-01	2.04E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	7.210E+04	6.260E+02	6.280E+02	-.32	6.247E+02	.20	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1296	9	70CO1	1	9.72E-01	4.69E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	8.809E+04	3.637E+02	3.672E+02	-.97	3.654E+02	-.47	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	1297	10	36JO1	2	6.93E-01	6.37E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	8.840E+04	3.649E+02	3.638E+02	.29	3.620E+02	.79	
	2	9.520E+04	2.965E+02	2.993E+02	-.94	2.978E+02	-.43	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	2077	7	84RA01	4	1.14E+00	1.24E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
	1	3.210E+04	5.475E+03	5.513E+03	-.70	5.478E+03	-.05	
	2	5.200E+04	1.536E+03	1.522E+03	.92	1.513E+03	1.51	
	3	7.300E+04	5.980E+02	6.073E+02	-1.56	6.042E+02	-1.03	
	4	8.420E+04	4.190E+02	4.141E+02	1.17	4.120E+02	1.67	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
	47	2103	7	81RA01	5	1.81E+00	2.28E+00	

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.441E+04	8.150E+03	7.983E+03	2.05	7.802E+03	4.27
2	2.468E+04	1.816E+03	1.865E+03	-2.72	1.830E+03	-.77
3	3.164E+04	5.735E+03	5.724E+03	.18	5.688E+03	.82
4	3.560E+04	4.280E+03	4.200E+03	1.88	4.174E+03	2.48
5	4.200E+04	2.675E+03	2.703E+03	-1.05	2.687E+03	-.46

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1316	8	36SC1	4	2.64E+00	4.80E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	2.098E+04	2.012E+04	4.11	1.962E+04	6.46	
2	1.193E+04	1.471E+04	1.446E+04	1.70	1.412E+04	4.04	
3	1.495E+04	8.060E+03	7.869E+03	2.37	7.693E+03	4.55	
4	1.748E+04	5.240E+03	5.158E+03	1.57	5.048E+03	3.67	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1317	15	60MA1	13	1.02E+01	1.09E+01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	2.200E+04	2.322E+04	-5.55	2.264E+04	-2.93	
2	1.200E+04	1.493E+04	1.423E+04	4.67	1.390E+04	6.93	
3	1.400E+04	9.670E+03	9.395E+03	2.84	9.181E+03	5.06	
4	1.600E+04	6.720E+03	6.551E+03	2.52	6.407E+03	4.65	
5	2.000E+04	3.450E+03	3.584E+03	-3.88	3.511E+03	-1.76	
6	2.200E+04	2.690E+03	2.771E+03	-3.00	2.716E+03	-.95	
7	2.400E+04	2.390E+03	2.191E+03	8.31	2.149E+03	10.07	
8	2.600E+04	2.110E+03	1.768E+03	16.23	1.735E+03	17.80	
9	2.800E+04	9.700E+03	8.383E+03	13.57	8.328E+03	14.15	
10	3.000E+04	8.080E+03	7.028E+03	13.02	6.982E+03	13.59	
11	3.200E+04	7.070E+03	5.952E+03	15.82	5.914E+03	16.36	
12	3.400E+04	5.750E+03	5.086E+03	11.55	5.054E+03	12.11	
13	3.600E+04	5.110E+03	4.381E+03	14.27	4.354E+03	14.80	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1318	20	59DE1	17	1.80E+00	2.11E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.098E+04	1.809E+04	1.807E+04	.10	1.763E+04	2.52	
2	1.122E+04	1.730E+04	1.705E+04	1.43	1.664E+04	3.81	
3	1.249E+04	1.290E+04	1.278E+04	.93	1.248E+04	3.26	
4	1.339E+04	1.071E+04	1.059E+04	1.08	1.035E+04	3.36	
5	1.496E+04	7.854E+03	7.855E+03	-.01	7.679E+03	2.22	
6	1.577E+04	6.808E+03	6.812E+03	-.06	6.662E+03	2.14	
7	1.748E+04	5.136E+03	5.158E+03	-.42	5.048E+03	1.72	
8	1.767E+04	4.955E+03	5.009E+03	-1.09	4.903E+03	1.06	
9	1.961E+04	3.733E+03	3.780E+03	-1.25	3.702E+03	.83	
10	2.021E+04	3.442E+03	3.484E+03	-1.22	3.413E+03	.84	
11	2.216E+04	2.635E+03	2.717E+03	-3.11	2.663E+03	-1.07	
12	2.272E+04	2.471E+03	2.540E+03	-2.80	2.490E+03	-.78	
13	2.494E+04	1.917E+03	1.976E+03	-3.10	1.939E+03	-1.14	
14	2.527E+04	1.838E+03	1.908E+03	-3.80	1.872E+03	-1.84	
15	2.848E+04	8.175E+03	8.027E+03	1.80	7.974E+03	2.45	

16	2.919E+04	7.611E+03	7.538E+03	.96	7.488E+03	1.61
17	3.049E+04	6.812E+03	6.741E+03	1.04	6.697E+03	1.68

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1319	36	41LA1	36	2.52E+00	3.64E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.193E+04	1.500E+04	1.446E+04	3.60	1.412E+04	5.90	
2	1.340E+04	1.106E+04	1.057E+04	4.40	1.033E+04	6.60	
3	1.416E+04	9.521E+03	9.111E+03	4.30	8.904E+03	6.48	
4	1.495E+04	7.871E+03	7.869E+03	.02	7.693E+03	2.26	
5	1.578E+04	7.121E+03	6.801E+03	4.50	6.651E+03	6.60	
6	1.662E+04	6.098E+03	5.911E+03	3.06	5.783E+03	5.16	
7	1.748E+04	5.328E+03	5.158E+03	3.20	5.048E+03	5.26	
8	1.927E+04	4.062E+03	3.963E+03	2.44	3.881E+03	4.46	
9	2.021E+04	3.609E+03	3.484E+03	3.46	3.413E+03	5.43	
10	2.117E+04	3.158E+03	3.074E+03	2.67	3.012E+03	4.63	
11	2.215E+04	2.799E+03	2.720E+03	2.81	2.666E+03	4.74	
12	2.316E+04	2.442E+03	2.412E+03	1.22	2.365E+03	3.15	
13	2.419E+04	2.150E+03	2.145E+03	.21	2.104E+03	2.12	
14	2.524E+04	1.890E+03	1.914E+03	-1.27	1.878E+03	.65	
15	2.633E+04	1.733E+03	1.709E+03	1.40	1.677E+03	3.23	
16	2.743E+04	9.042E+03	8.835E+03	2.29	8.776E+03	2.94	
17	2.857E+04	8.171E+03	7.963E+03	2.54	7.910E+03	3.19	
18	3.091E+04	6.417E+03	6.508E+03	-1.42	6.466E+03	-.76	
19	3.212E+04	5.845E+03	5.895E+03	-.85	5.857E+03	-.20	
20	3.336E+04	5.376E+03	5.343E+03	.60	5.310E+03	1.24	
21	3.463E+04	4.896E+03	4.848E+03	.97	4.818E+03	1.60	
22	3.583E+04	4.564E+03	4.435E+03	2.82	4.408E+03	3.42	
23	3.724E+04	4.098E+03	4.008E+03	2.20	3.983E+03	2.80	
24	3.999E+04	3.388E+03	3.320E+03	2.00	3.300E+03	2.59	
25	5.734E+04	1.266E+03	1.261E+03	.38	1.253E+03	1.00	
26	5.895E+04	1.178E+03	1.170E+03	.66	1.163E+03	1.28	
27	6.062E+04	1.055E+03	1.085E+03	-2.86	1.078E+03	-2.21	
28	6.450E+04	9.212E+02	9.176E+02	.39	9.119E+02	1.01	
29	6.637E+04	8.622E+02	8.494E+02	1.49	8.442E+02	2.09	
30	6.838E+04	8.025E+02	7.836E+02	2.36	7.789E+02	2.94	
31	7.024E+04	7.508E+02	7.288E+02	2.93	7.245E+02	3.50	
32	7.229E+04	6.913E+02	6.744E+02	2.45	6.705E+02	3.01	
33	7.433E+04	6.429E+02	6.257E+02	2.68	6.221E+02	3.23	
34	7.639E+04	6.107E+02	5.813E+02	4.81	5.781E+02	5.35	
35	9.150E+04	3.516E+02	3.592E+02	-2.15	3.573E+02	-1.63	
36	9.693E+04	3.068E+02	3.086E+02	-.59	3.071E+02	-.09	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1320	1	22WI1	1	7.59E+00	9.57E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	5.651E+03	5.222E+03	7.59	5.110E+03	9.57	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1321	8	34GR1	8	8.13E+00	7.64E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.749E+04	5.115E+03	5.150E+03	-.68	5.040E+03	1.47	
2	2.217E+04	2.739E+03	2.714E+03	.93	2.660E+03	2.88	



3	2.417E+04	2.053E+03	2.150E+03	-4.74	2.109E+03	-2.73
4	2.635E+04	1.714E+03	1.705E+03	.51	1.674E+03	2.36
5	2.746E+04	7.824E+03	8.810E+03	-12.61	8.752E+03	-11.86
6	2.859E+04	7.107E+03	7.949E+03	-11.85	7.896E+03	-11.11
7	3.093E+04	6.088E+03	6.497E+03	-6.73	6.455E+03	-6.03
8	3.466E+04	4.294E+03	4.837E+03	-12.66	4.807E+03	-11.95

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
48	1322	10	38MU1	10	5.57E+00	6.09E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.861E+04	8.253E+03	7.935E+03	3.86	7.882E+03	4.49		
2	3.097E+04	6.639E+03	6.476E+03	2.46	6.434E+03	3.09		
3	3.472E+04	4.998E+03	4.816E+03	3.65	4.785E+03	4.25		
4	3.736E+04	4.102E+03	3.974E+03	3.12	3.950E+03	3.71		
5	4.012E+04	3.434E+03	3.292E+03	4.14	3.272E+03	4.72		
6	5.236E+04	1.707E+03	1.612E+03	5.58	1.602E+03	6.16		
7	5.752E+04	1.343E+03	1.251E+03	6.88	1.243E+03	7.46		
8	6.682E+04	8.790E+02	8.340E+02	5.12	8.289E+02	5.70		
9	7.082E+04	7.536E+02	7.128E+02	5.41	7.086E+02	5.97		
10	7.710E+04	6.351E+02	5.670E+02	10.72	5.639E+02	11.21		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
48	1323	4	76CH1	4	3.78E+00	3.26E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.090E+04	6.370E+03	6.514E+03	-2.26	6.471E+03	-1.59		
2	3.590E+04	4.400E+03	4.413E+03	-.29	4.385E+03	.33		
3	5.540E+04	1.322E+03	1.384E+03	-4.70	1.375E+03	-4.04		
4	7.210E+04	6.440E+02	6.792E+02	-5.47	6.752E+02	-4.85		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
48	1325	4	67KN1	3	1.22E+00	1.21E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.153E+04	3.033E+03	3.003E+03	.99	2.985E+03	1.58		
2	6.817E+04	7.880E+02	7.901E+02	-.27	7.854E+02	.33		
3	8.897E+04	3.798E+02	3.868E+02	-1.85	3.848E+02	-1.32		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
48	1324	13	62WI1	8	9.39E-01	7.38E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.012E+04	3.285E+03	3.292E+03	-.21	3.272E+03	.40		
2	4.298E+04	2.725E+03	2.740E+03	-.56	2.724E+03	.04		
3	4.540E+04	2.333E+03	2.366E+03	-1.42	2.352E+03	-.82		
4	5.000E+04	1.816E+03	1.825E+03	-.50	1.814E+03	.10		
5	5.752E+04	1.232E+03	1.251E+03	-1.51	1.243E+03	-.87		
6	6.787E+04	8.080E+02	7.996E+02	1.04	7.948E+02	1.64		
7	7.081E+04	7.070E+02	7.131E+02	-.86	7.089E+02	-.27		
8	8.654E+04	4.140E+02	4.163E+02	-.57	4.142E+02	-.04		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
48	1326	4	80PR1	4	2.14E+00	2.14E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.244E+04	1.608E+03	1.605E+03	.18	1.595E+03	.79		
2	6.000E+04	1.127E+03	1.116E+03	1.00	1.109E+03	1.62		



3	7.220E+04	6.850E+02	6.767E+02	1.22	6.727E+02	1.79
4	8.440E+04	4.280E+02	4.451E+02	-3.99	4.427E+02	-3.43

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	1327	10	73RA5	2	4.93E+00	4.33E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	6.000E+04	1.057E+03	1.116E+03	-5.56	1.109E+03	-4.90	
2	1.000E+05	2.730E+02	2.845E+02	-4.20	2.831E+02	-3.68	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
48	2078	7	84RA01	4	2.62E+00	3.00E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	6.214E+03	5.904E+03	4.99	5.866E+03	5.60	
2	5.200E+04	1.639E+03	1.642E+03	-.19	1.632E+03	.43	
3	7.300E+04	6.560E+02	6.569E+02	-.13	6.531E+02	.45	
4	8.420E+04	4.550E+02	4.479E+02	1.56	4.455E+02	2.09	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
49	1343	11	60MA1	11	1.72E+01	1.81E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.600E+04	8.030E+03	7.120E+03	11.33	6.964E+03	13.27	
2	2.000E+04	3.990E+03	3.898E+03	2.32	3.817E+03	4.33	
3	2.200E+04	3.050E+03	3.013E+03	1.21	2.953E+03	3.18	
4	2.400E+04	2.750E+03	2.383E+03	13.34	2.337E+03	15.01	
5	2.600E+04	2.500E+03	1.922E+03	23.12	1.886E+03	24.56	
6	2.700E+04	2.350E+03	1.737E+03	26.08	1.705E+03	27.44	
7	2.900E+04	1.074E+04	8.207E+03	23.58	8.153E+03	24.08	
8	3.000E+04	9.650E+03	7.528E+03	21.99	7.479E+03	22.49	
9	3.200E+04	7.840E+03	6.383E+03	18.59	6.342E+03	19.11	
10	3.400E+04	6.330E+03	5.460E+03	13.74	5.426E+03	14.29	
11	3.600E+04	5.400E+03	4.708E+03	12.82	4.678E+03	13.36	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
49	1344	7	34GR1	7	9.51E+00	8.80E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.217E+04	2.976E+03	2.951E+03	.83	2.893E+03	2.81	
2	2.526E+04	2.008E+03	2.077E+03	-3.43	2.037E+03	-1.47	
3	2.635E+04	1.733E+03	1.854E+03	-7.00	1.820E+03	-5.00	
4	2.746E+04	1.592E+03	1.660E+03	-4.29	1.630E+03	-2.38	
5	2.859E+04	8.144E+03	8.510E+03	-4.50	8.454E+03	-3.81	
6	3.093E+04	6.247E+03	6.964E+03	-11.47	6.919E+03	-10.75	
7	3.466E+04	4.328E+03	5.195E+03	-20.04	5.163E+03	-19.28	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
49	1345	7	62WI1	5	1.03E+00	7.73E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.298E+04	2.955E+03	2.949E+03	.19	2.931E+03	.80	
2	5.752E+04	1.340E+03	1.347E+03	-.54	1.339E+03	.05	
3	6.787E+04	8.450E+02	8.624E+02	-2.06	8.576E+02	-1.49	
4	7.081E+04	7.630E+02	7.692E+02	-.82	7.650E+02	-.27	

5	8.654E+04	4.480E+02	4.493E+02		-.28	4.470E+02	.23
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
49	1346	4	80PR1	4	2.24E+00	2.52E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.240E+04	1.770E+03	1.732E+03		2.17	1.721E+03	2.76
2	6.000E+04	1.220E+03	1.202E+03		1.44	1.195E+03	2.02
3	7.220E+04	7.490E+02	7.300E+02		2.54	7.260E+02	3.07
4	8.440E+04	4.680E+02	4.803E+02		-2.62	4.778E+02	-2.09

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
49	2076	7	84RA01	4	2.28E+00	2.62E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	6.625E+03	6.332E+03		4.43	6.291E+03	5.04
2	5.200E+04	1.778E+03	1.768E+03		.58	1.757E+03	1.18
3	7.300E+04	7.100E+02	7.087E+02		.19	7.048E+02	.73
4	8.420E+04	4.790E+02	4.833E+02		-.90	4.808E+02	-.38

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
49	2093	3	82RA01	1	2.17E+00	2.70E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.210E+04	7.490E+02	7.327E+02		2.17	7.287E+02	2.70

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1351	11	68H01	5	4.22E+00	3.79E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.192E+04	1.760E+04	1.706E+04		3.09	1.665E+04	5.39
2	1.577E+04	8.155E+03	8.034E+03		1.49	7.857E+03	3.66
3	2.218E+04	3.037E+03	3.199E+03		-5.35	3.136E+03	-3.27
4	2.317E+04	2.753E+03	2.844E+03		-3.31	2.789E+03	-1.30
5	2.525E+04	2.126E+03	2.257E+03		-6.14	2.214E+03	-4.15

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1353	8	60EH1	1	1.06E+01	7.99E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.192E+04	1.542E+04	1.706E+04		-10.62	1.665E+04	-7.99

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1354	15	69DE1	7	1.78E+00	2.42E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	2.763E+04	2.729E+04		1.25	2.661E+04	3.69
2	1.500E+04	9.235E+03	9.194E+03		.44	8.989E+03	2.66
3	2.000E+04	4.217E+03	4.230E+03		-.31	4.144E+03	1.74
4	2.494E+04	2.284E+03	2.333E+03		-2.13	2.289E+03	-.21
5	2.500E+04	2.270E+03	2.318E+03		-2.10	2.274E+03	-.18
6	3.000E+04	8.396E+03	8.124E+03		3.24	8.070E+03	3.88
7	4.000E+04	3.863E+03	3.829E+03		.87	3.805E+03	1.50

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1355	9	9BA1	3	7.24E+00	9.21E+00	

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	2.592E+04	2.371E+04	8.52	2.313E+04	10.76
2	1.122E+04	2.207E+04	2.006E+04	9.11	1.958E+04	11.30
3	2.216E+04	3.252E+03	3.207E+03	1.38	3.144E+03	3.32

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1356	14	79PA1	9	3.40E+00	3.66E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	1.132E+04	1.129E+04	.29	1.103E+04	2.56
2	1.780E+04	5.390E+03	5.795E+03	-7.51	5.671E+03	-5.22
3	2.080E+04	4.000E+03	3.805E+03	4.87	3.728E+03	6.79
4	2.640E+04	2.060E+03	2.002E+03	2.80	1.965E+03	4.59
5	3.210E+04	7.050E+03	6.953E+03	1.38	6.907E+03	2.03
6	3.650E+04	4.820E+03	4.943E+03	-2.56	4.911E+03	-1.89
7	4.130E+04	3.550E+03	3.508E+03	1.18	3.486E+03	1.79
8	4.730E+04	2.500E+03	2.443E+03	2.30	2.429E+03	2.85
9	5.960E+04	1.305E+03	1.318E+03	-.97	1.310E+03	-.35

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1357	6	74MA1	2	2.45E+00	9.87E-01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.744E+04	5.930E+03	6.123E+03	-3.26	5.992E+03	-1.05
2	1.961E+04	4.410E+03	4.461E+03	-1.16	4.369E+03	.92

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1359	13	26AL1	6	9.12E+00	1.12E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.060E+04	2.601E+04	2.335E+04	10.21	2.278E+04	12.41
2	1.137E+04	2.168E+04	1.936E+04	10.71	1.889E+04	12.85
3	1.240E+04	1.715E+04	1.534E+04	10.54	1.498E+04	12.64
4	1.362E+04	1.301E+04	1.192E+04	8.36	1.165E+04	10.46
5	1.657E+04	7.686E+03	7.030E+03	8.54	6.877E+03	10.52
6	1.749E+04	6.405E+03	6.076E+03	5.14	5.946E+03	7.17

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1360	22	26AL1	15	8.39E+00	8.77E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.210E+04	3.252E+03	3.231E+03	.65	3.167E+03	2.62
2	2.430E+04	2.523E+03	2.502E+03	.84	2.454E+03	2.73
3	2.710E+04	1.774E+03	1.867E+03	-5.23	1.833E+03	-3.30
4	2.880E+04	1.577E+03	1.587E+03	-.63	1.558E+03	1.19
5	5.170E+04	2.128E+03	1.930E+03	9.32	1.918E+03	9.85
6	5.640E+04	1.636E+03	1.529E+03	6.57	1.519E+03	7.13
7	5.930E+04	1.370E+03	1.336E+03	2.50	1.327E+03	3.11
8	6.700E+04	9.950E+02	9.614E+02	3.38	9.556E+02	3.96
9	7.170E+04	8.510E+02	8.010E+02	5.87	7.964E+02	6.41
10	7.750E+04	7.090E+02	6.500E+02	8.32	6.465E+02	8.82
11	8.210E+04	6.210E+02	5.571E+02	10.29	5.541E+02	10.77
12	8.550E+04	5.720E+02	4.999E+02	12.60	4.973E+02	13.06
13	8.860E+04	5.160E+02	4.548E+02	11.87	4.524E+02	12.33
14	9.180E+04	4.730E+02	4.140E+02	12.48	4.118E+02	12.94
15	9.840E+04	4.040E+02	3.448E+02	14.66	3.430E+02	15.10



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1361	10	26AL1	8	7.82E+00	8.25E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	6.200E+04	1.242E+03	1.185E+03	4.61	1.177E+03	5.20	
2	6.530E+04	1.064E+03	1.030E+03	3.17	1.024E+03	3.76	
3	6.890E+04	9.260E+02	8.917E+02	3.71	8.864E+02	4.28	
4	7.290E+04	7.880E+02	7.661E+02	2.78	7.617E+02	3.34	
5	7.650E+04	7.090E+02	6.731E+02	5.07	6.694E+02	5.59	
6	8.270E+04	5.910E+02	5.463E+02	7.56	5.435E+02	8.05	
7	8.980E+04	5.030E+02	4.388E+02	12.76	4.365E+02	13.22	
8	9.540E+04	4.340E+02	3.740E+02	13.83	3.721E+02	14.27	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1362	9	66BE1	8	3.58E+00	4.86E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	2.960E+04	2.729E+04	7.82	2.661E+04	10.10	
2	1.250E+04	1.550E+04	1.502E+04	3.13	1.466E+04	5.40	
3	1.500E+04	9.417E+03	9.194E+03	2.36	8.989E+03	4.55	
4	2.000E+04	4.176E+03	4.230E+03	-1.30	4.144E+03	.78	
5	2.500E+04	2.384E+03	2.318E+03	2.78	2.274E+03	4.61	
6	3.000E+04	8.294E+03	8.124E+03	2.05	8.070E+03	2.70	
7	3.500E+04	5.496E+03	5.549E+03	-.97	5.513E+03	-.31	
8	4.000E+04	3.704E+03	3.829E+03	-3.38	3.805E+03	-2.73	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1363	2	53HU1	1	1.27E+00	8.95E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	6.009E+03	6.085E+03	-1.27	5.955E+03	.89	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1364	27	31KU1	25	4.54E+00	4.54E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.123E+04	2.020E+04	2.001E+04	.93	1.953E+04	3.32	
2	1.193E+04	1.655E+04	1.702E+04	-2.83	1.661E+04	-.39	
3	1.340E+04	1.281E+04	1.246E+04	2.76	1.217E+04	5.00	
4	1.416E+04	1.104E+04	1.074E+04	2.73	1.049E+04	4.94	
5	1.578E+04	8.180E+03	8.020E+03	1.96	7.843E+03	4.12	
6	1.748E+04	6.150E+03	6.085E+03	1.05	5.955E+03	3.17	
7	2.117E+04	3.705E+03	3.628E+03	2.07	3.555E+03	4.04	
8	2.316E+04	2.879E+03	2.847E+03	1.10	2.792E+03	3.02	
9	2.525E+04	2.128E+03	2.257E+03	-6.04	2.214E+03	-4.05	
10	2.633E+04	1.991E+03	2.017E+03	-1.29	1.979E+03	.58	
11	2.744E+04	1.793E+03	1.806E+03	-.70	1.773E+03	1.14	
12	2.857E+04	1.655E+03	1.621E+03	2.05	1.592E+03	3.81	
13	3.089E+04	7.230E+03	7.617E+03	-5.36	7.567E+03	-4.65	
14	3.210E+04	6.680E+03	6.953E+03	-4.09	6.907E+03	-3.40	
15	3.461E+04	5.540E+03	5.721E+03	-3.26	5.683E+03	-2.58	
16	5.890E+04	1.221E+03	1.360E+03	-11.40	1.352E+03	-10.72	
17	6.060E+04	1.131E+03	1.260E+03	-11.40	1.252E+03	-10.71	
18	6.450E+04	9.680E+02	1.065E+03	-10.03	1.059E+03	-9.35	
19	6.840E+04	8.980E+02	9.093E+02	-1.26	9.039E+02	-.66	
20	7.020E+04	8.260E+02	8.479E+02	-2.65	8.429E+02	-2.05	
21	7.230E+04	7.700E+02	7.833E+02	-1.72	7.788E+02	-1.14	



22	7.430E+04	7.080E+02	7.279E+02	-2.81	7.238E+02	-2.23
23	7.640E+04	6.740E+02	6.754E+02	-.21	6.717E+02	.34
24	9.150E+04	4.200E+02	4.176E+02	.58	4.154E+02	1.10
25	9.694E+04	3.550E+02	3.586E+02	-1.01	3.567E+02	-.48

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1365	42	41LA1	38	3.14E+00	3.54E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	2.420E+04	2.365E+04	2.27	2.307E+04	4.66	
2	1.123E+04	2.046E+04	2.001E+04	2.19	1.953E+04	4.55	
3	1.193E+04	1.754E+04	1.702E+04	2.97	1.661E+04	5.28	
4	1.340E+04	1.275E+04	1.246E+04	2.30	1.217E+04	4.55	
5	1.416E+04	1.101E+04	1.074E+04	2.47	1.049E+04	4.68	
6	1.495E+04	9.110E+03	9.277E+03	-1.84	9.070E+03	.44	
7	1.578E+04	8.227E+03	8.020E+03	2.52	7.843E+03	4.66	
8	1.662E+04	7.098E+03	6.973E+03	1.76	6.822E+03	3.89	
9	1.748E+04	6.187E+03	6.085E+03	1.64	5.955E+03	3.75	
10	1.927E+04	4.707E+03	4.677E+03	.64	4.580E+03	2.70	
11	2.021E+04	4.205E+03	4.113E+03	2.20	4.029E+03	4.19	
12	2.117E+04	3.682E+03	3.628E+03	1.46	3.555E+03	3.44	
13	2.215E+04	3.284E+03	3.211E+03	2.22	3.148E+03	4.15	
14	2.316E+04	2.890E+03	2.847E+03	1.48	2.792E+03	3.39	
15	2.419E+04	2.561E+03	2.532E+03	1.12	2.484E+03	3.00	
16	2.524E+04	2.267E+03	2.259E+03	.35	2.217E+03	2.22	
17	2.633E+04	1.976E+03	2.017E+03	-2.06	1.979E+03	-.17	
18	2.743E+04	1.765E+03	1.807E+03	-2.40	1.774E+03	-.53	
19	2.857E+04	1.559E+03	1.621E+03	-3.99	1.592E+03	-2.11	
20	3.091E+04	7.275E+03	7.606E+03	-4.55	7.555E+03	-3.85	
21	3.212E+04	6.512E+03	6.942E+03	-6.61	6.896E+03	-5.90	
22	3.336E+04	5.947E+03	6.307E+03	-6.05	6.265E+03	-5.35	
23	3.463E+04	5.514E+03	5.712E+03	-3.58	5.674E+03	-2.90	
24	3.583E+04	5.029E+03	5.204E+03	-3.47	5.170E+03	-2.80	
25	3.724E+04	4.532E+03	4.674E+03	-3.13	4.644E+03	-2.47	
26	3.999E+04	3.786E+03	3.832E+03	-1.21	3.808E+03	-.58	
27	5.734E+04	1.410E+03	1.462E+03	-3.70	1.453E+03	-3.07	
28	5.895E+04	1.310E+03	1.357E+03	-3.60	1.349E+03	-2.96	
29	6.062E+04	1.181E+03	1.259E+03	-6.59	1.251E+03	-5.93	
30	6.450E+04	1.040E+03	1.065E+03	-2.41	1.059E+03	-1.78	
31	6.637E+04	9.748E+02	9.862E+02	-1.16	9.802E+02	-.55	
32	6.838E+04	9.138E+02	9.100E+02	.41	9.046E+02	1.01	
33	7.024E+04	8.726E+02	8.466E+02	2.98	8.417E+02	3.55	
34	7.229E+04	7.801E+02	7.836E+02	-.44	7.791E+02	.13	
35	7.433E+04	7.320E+02	7.271E+02	.67	7.230E+02	1.23	
36	7.639E+04	6.913E+02	6.757E+02	2.26	6.719E+02	2.80	
37	9.150E+04	3.894E+02	4.176E+02	-7.23	4.154E+02	-6.67	
38	9.693E+04	3.509E+02	3.587E+02	-2.21	3.568E+02	-1.69	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1367	14	32MA1	9	7.52E+00	8.73E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.144E+04	2.128E+04	1.904E+04	10.51	1.859E+04	12.66	
2	1.158E+04	2.069E+04	1.843E+04	10.91	1.799E+04	13.04	
3	1.338E+04	1.311E+04	1.251E+04	4.60	1.222E+04	6.80	

4	1.748E+04	6.425E+03	6.085E+03	5.28	5.955E+03	7.31
5	1.961E+04	4.631E+03	4.461E+03	3.66	4.369E+03	5.65
6	2.216E+04	3.449E+03	3.207E+03	7.01	3.144E+03	8.85
7	2.494E+04	2.345E+03	2.333E+03	.52	2.289E+03	2.40
8	2.527E+04	2.010E+03	2.252E+03	-12.03	2.210E+03	-9.93
9	2.849E+04	1.715E+03	1.633E+03	4.76	1.604E+03	6.48

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1368	8	77MU1	8	6.13E-01	1.71E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.053E+04	2.390E+04	2.377E+04	.54	2.319E+04	2.97	
2	1.338E+04	1.240E+04	1.251E+04	-.86	1.222E+04	1.47	
3	1.833E+04	5.370E+03	5.353E+03	.31	5.240E+03	2.41	
4	2.414E+04	2.560E+03	2.547E+03	.52	2.498E+03	2.42	
5	3.085E+04	7.570E+03	7.640E+03	-.92	7.589E+03	-.25	
6	4.571E+04	2.680E+03	2.674E+03	.23	2.658E+03	.81	
7	8.100E+04	5.730E+02	5.775E+02	-.79	5.744E+02	-.25	
8	8.679E+04	4.790E+02	4.804E+02	-.29	4.779E+02	.23	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1369	7	79PU1	6	4.82E+00	6.15E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.060E+04	2.448E+04	2.335E+04	4.60	2.278E+04	6.93	
2	1.440E+04	1.050E+04	1.026E+04	2.26	1.003E+04	4.46	
3	2.470E+04	2.582E+03	2.394E+03	7.27	2.349E+03	9.03	
4	3.290E+04	6.743E+03	6.537E+03	3.06	6.493E+03	3.70	
5	3.690E+04	5.050E+03	4.795E+03	5.04	4.764E+03	5.66	
6	6.660E+04	1.029E+03	9.770E+02	5.05	9.711E+02	5.63	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1370	14	59DE1	14	1.67E+00	2.54E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	2.079E+04	2.006E+04	3.51	1.958E+04	5.84	
2	1.249E+04	1.525E+04	1.505E+04	1.33	1.469E+04	3.64	
3	1.339E+04	1.239E+04	1.248E+04	-.74	1.219E+04	1.58	
4	1.496E+04	9.152E+03	9.261E+03	-1.19	9.054E+03	1.07	
5	1.577E+04	8.080E+03	8.034E+03	.57	7.857E+03	2.76	
6	1.748E+04	6.133E+03	6.085E+03	.78	5.955E+03	2.90	
7	1.767E+04	5.968E+03	5.910E+03	.96	5.784E+03	3.08	
8	1.961E+04	4.436E+03	4.461E+03	-.57	4.369E+03	1.51	
9	2.021E+04	4.085E+03	4.113E+03	-.68	4.029E+03	1.38	
10	2.216E+04	3.149E+03	3.207E+03	-1.85	3.144E+03	.16	
11	2.494E+04	2.278E+03	2.333E+03	-2.40	2.289E+03	-.47	
12	2.527E+04	2.192E+03	2.252E+03	-2.73	2.210E+03	-.80	
13	2.848E+04	1.629E+03	1.635E+03	-.36	1.605E+03	1.45	
14	3.049E+04	7.992E+03	7.844E+03	1.86	7.792E+03	2.51	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
50	1371	1	22WI1	1	1.08E+01	1.27E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	6.906E+03	6.161E+03	10.78	6.029E+03	12.70	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
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50	1372	9	25ST1	9	3.69E+00	4.14E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.750E+04	6.210E+03	6.067E+03	2.31	5.937E+03	4.40		
2	1.960E+04	4.400E+03	4.467E+03	-1.53	4.375E+03	.56		
3	2.070E+04	3.920E+03	3.855E+03	1.66	3.777E+03	3.65		
4	2.250E+04	3.020E+03	3.078E+03	-1.92	3.018E+03	.07		
5	2.480E+04	2.300E+03	2.368E+03	-2.97	2.324E+03	-1.02		
6	2.760E+04	1.760E+03	1.778E+03	-1.01	1.745E+03	.83		
7	3.100E+04	7.910E+03	7.555E+03	4.48	7.505E+03	5.12		
8	3.540E+04	5.650E+03	5.380E+03	4.79	5.344E+03	5.41		
9	4.130E+04	3.790E+03	3.508E+03	7.44	3.486E+03	8.01		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1373	12	26RI1	12	6.02E+00	6.59E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.770E+04	6.208E+03	5.883E+03	5.23	5.758E+03	7.25		
2	1.910E+04	5.144E+03	4.790E+03	6.87	4.691E+03	8.81		
3	2.070E+04	4.178E+03	3.855E+03	7.73	3.777E+03	9.60		
4	2.250E+04	3.094E+03	3.078E+03	.51	3.018E+03	2.46		
5	2.490E+04	2.424E+03	2.343E+03	3.35	2.299E+03	5.17		
6	2.760E+04	1.793E+03	1.778E+03	.85	1.745E+03	2.66		
7	3.010E+04	8.356E+03	8.067E+03	3.46	8.013E+03	4.10		
8	3.080E+04	7.804E+03	7.668E+03	1.74	7.617E+03	2.40		
9	3.460E+04	5.597E+03	5.725E+03	-2.29	5.687E+03	-1.61		
10	4.040E+04	3.449E+03	3.726E+03	-8.02	3.703E+03	-7.35		
11	4.920E+04	2.069E+03	2.201E+03	-6.38	2.189E+03	-5.78		
12	5.760E+04	1.281E+03	1.444E+03	-12.76	1.436E+03	-12.07		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1374	9	59HO1	9	1.19E+01	1.08E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.000E+04	3.586E+03	4.230E+03	-17.97	4.144E+03	-15.55		
2	2.500E+04	2.285E+03	2.318E+03	-1.43	2.274E+03	.48		
3	2.700E+04	1.753E+03	1.885E+03	-7.55	1.851E+03	-5.58		
4	2.800E+04	1.537E+03	1.711E+03	-11.30	1.680E+03	-9.28		
5	2.900E+04	1.241E+03	1.558E+03	-25.53	1.530E+03	-23.28		
6	2.925E+04	8.866E+03	8.562E+03	3.43	8.505E+03	4.07		
7	3.000E+04	8.767E+03	8.124E+03	7.33	8.070E+03	7.95		
8	3.200E+04	7.546E+03	7.006E+03	7.15	6.960E+03	7.77		
9	3.500E+04	5.497E+03	5.549E+03	-.95	5.513E+03	-.29		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1375	6	14BR1	6	1.15E+01	1.31E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.016E+04	4.550E+03	4.140E+03	9.01	4.056E+03	10.87		
2	2.152E+04	3.900E+03	3.471E+03	11.00	3.402E+03	12.77		
3	2.238E+04	3.540E+03	3.123E+03	11.78	3.061E+03	13.52		
4	2.309E+04	3.260E+03	2.871E+03	11.94	2.815E+03	13.65		
5	2.440E+04	2.970E+03	2.474E+03	16.69	2.427E+03	18.28		
6	2.525E+04	2.380E+03	2.257E+03	5.19	2.214E+03	6.97		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1376	11	67MC1	8	2.36E+00	1.55E+00		

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	2.264E+03	2.318E+03	-2.37	2.274E+03	-.44
2	2.800E+04	1.626E+03	1.711E+03	-5.21	1.680E+03	-3.30
3	3.004E+04	8.220E+03	8.101E+03	1.45	8.047E+03	2.10
4	4.004E+04	3.770E+03	3.819E+03	-1.29	3.795E+03	-.66
5	5.008E+04	2.075E+03	2.100E+03	-1.21	2.088E+03	-.63
6	6.003E+04	1.285E+03	1.292E+03	-.58	1.284E+03	.05
7	7.004E+04	8.417E+02	8.531E+02	-1.36	8.481E+02	-.76
8	8.499E+04	4.976E+02	5.080E+02	-2.08	5.053E+02	-1.54

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1377	1	68GH1	1	9.28E+00	7.24E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.578E+04	1.953E+03	2.134E+03	-9.28	2.094E+03	-7.24

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1378	1	72SA1	1	7.65E+00	9.37E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.580E+04	2.306E+03	2.130E+03	7.65	2.090E+03	9.37

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1379	15	27RI1	15	9.43E+01	9.36E+01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.800E+04	1.760E+03	1.711E+03	2.80	1.680E+03	4.57
2	2.860E+04	1.667E+03	1.617E+03	3.02	1.587E+03	4.77
3	2.876E+04	1.655E+03	1.593E+03	3.76	1.564E+03	5.49
4	2.883E+04	1.640E+03	1.582E+03	3.51	1.554E+03	5.25
5	2.889E+04	1.657E+03	1.574E+03	5.03	1.545E+03	6.73
6	2.925E+04	1.843E+03	8.562E+03	-364.55	8.505E+03	-361.47
7	2.955E+04	6.980E+03	8.384E+03	-20.12	8.329E+03	-19.32
8	2.960E+04	8.480E+03	8.355E+03	1.47	8.300E+03	2.13
9	2.964E+04	8.690E+03	8.332E+03	4.12	8.277E+03	4.76
10	2.970E+04	8.850E+03	8.297E+03	6.25	8.242E+03	6.87
11	2.990E+04	8.650E+03	8.182E+03	5.41	8.127E+03	6.04
12	3.010E+04	8.550E+03	8.067E+03	5.65	8.013E+03	6.28
13	3.060E+04	8.080E+03	7.781E+03	3.70	7.729E+03	4.34
14	3.150E+04	7.430E+03	7.278E+03	2.05	7.229E+03	2.70
15	3.250E+04	6.760E+03	6.742E+03	.26	6.698E+03	.92

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1380	6	67KN1	5	3.93E+00	3.73E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.264E+04	6.170E+03	6.670E+03	-8.10	6.625E+03	-7.38
2	4.153E+04	3.478E+03	3.455E+03	.65	3.434E+03	1.26
3	6.817E+04	9.320E+02	9.176E+02	1.55	9.121E+02	2.13
4	7.950E+04	5.942E+02	6.071E+02	-2.18	6.039E+02	-1.63
5	8.897E+04	4.590E+02	4.498E+02	2.01	4.474E+02	2.53

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
50	1381	11	62WI1	9	1.47E+00	1.38E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	3.823E+03	3.798E+03	.66	3.774E+03	1.28
2	4.298E+04	3.153E+03	3.150E+03	.09	3.131E+03	.69



3	4.540E+04	2.700E+03	2.722E+03		-.83	2.707E+03	-.24	
4	5.000E+04	2.128E+03	2.109E+03		.89	2.097E+03	1.46	
5	5.752E+04	1.419E+03	1.450E+03		-2.17	1.441E+03	-1.55	
6	6.787E+04	9.180E+02	9.286E+02		-1.15	9.230E+02	-.55	
7	6.884E+04	9.070E+02	8.937E+02		1.46	8.885E+02	2.04	
8	7.081E+04	8.040E+02	8.284E+02		-3.03	8.236E+02	-2.44	
9	8.654E+04	4.830E+02	4.841E+02		-.23	4.816E+02	.30	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1382	2	76G02	2	1.61E+00	1.06E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.220E+04	1.845E+03	1.881E+03		-1.93	1.870E+03		-1.34
2	8.430E+04	5.130E+02	5.191E+02		-1.19	5.164E+02		-.66
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1383	2	79CE1	1	7.11E-01	8.87E-02		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	6.000E+04	1.285E+03	1.294E+03		-.71	1.286E+03		-.09
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1384	1	74G01	1	1.43E+00	8.49E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	7.210E+04	7.780E+02	7.891E+02		-1.43	7.846E+02		-.85
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1385	6	73G03	1	2.20E+00	1.66E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	8.400E+04	5.128E+02	5.241E+02		-2.20	5.213E+02		-1.66
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1386	9	70C01	1	1.71E+00	2.22E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	8.809E+04	4.698E+02	4.618E+02		1.71	4.594E+02		2.22
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1387	10	36J01	2	3.90E-01	4.84E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	8.840E+04	4.551E+02	4.575E+02		-.53	4.551E+02		.00
2	9.520E+04	3.767E+02	3.761E+02		.17	3.741E+02		.68
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	1366	24	34GR1	22	4.57E+00	4.51E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.056E+04	2.393E+04	2.359E+04		1.41	2.301E+04		3.83
2	1.097E+04	2.026E+04	2.131E+04		-5.17	2.079E+04		-2.62
3	1.194E+04	1.723E+04	1.698E+04		1.45	1.658E+04		3.79
4	1.341E+04	1.282E+04	1.243E+04		3.03	1.215E+04		5.26
5	1.417E+04	1.099E+04	1.072E+04		2.48	1.047E+04		4.69
6	1.579E+04	8.092E+03	8.006E+03		1.06	7.830E+03		3.24
7	1.749E+04	6.082E+03	6.076E+03		.10	5.946E+03		2.24
8	1.929E+04	4.476E+03	4.664E+03		-4.20	4.567E+03		-2.04
9	2.022E+04	4.221E+03	4.107E+03		2.70	4.023E+03		4.69
10	2.118E+04	3.691E+03	3.624E+03		1.83	3.551E+03		3.80

11	2.217E+04	3.210E+03	3.203E+03	.21	3.140E+03	2.18
12	2.317E+04	2.887E+03	2.844E+03	1.49	2.789E+03	3.40
13	2.526E+04	2.174E+03	2.254E+03	-3.69	2.212E+03	-1.74
14	2.635E+04	1.965E+03	2.013E+03	-2.42	1.975E+03	-.53
15	2.746E+04	1.751E+03	1.802E+03	-2.92	1.769E+03	-1.04
16	2.859E+04	1.548E+03	1.618E+03	-4.53	1.589E+03	-2.64
17	3.093E+04	7.144E+03	7.595E+03	-6.31	7.544E+03	-5.60
18	3.214E+04	6.277E+03	6.932E+03	-10.43	6.886E+03	-9.70
19	3.339E+04	5.739E+03	6.292E+03	-9.64	6.250E+03	-8.91
20	3.466E+04	5.343E+03	5.698E+03	-6.65	5.661E+03	-5.95
21	7.029E+04	7.907E+02	8.450E+02	-6.87	8.401E+02	-6.24
22	7.644E+04	6.713E+02	6.745E+02	-.47	6.708E+02	.08

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
50	2075	7	84RA01	4	2.51E+00	1.93E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.210E+04	6.740E+03	6.953E+03	-3.16	6.907E+03	-2.47		
2	5.200E+04	1.870E+03	1.900E+03	-1.61	1.889E+03	-1.02		
3	7.300E+04	7.480E+02	7.633E+02	-2.04	7.589E+02	-1.46		
4	8.420E+04	5.060E+02	5.208E+02	-2.92	5.180E+02	-2.37		

IZ= 51

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
51	1425	10	39WR1	10	8.83E+00	9.26E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.734E+04	1.650E+03	1.570E+03	4.87	1.561E+03	5.38		
2	5.895E+04	1.554E+03	1.457E+03	6.22	1.450E+03	6.70		
3	6.062E+04	1.390E+03	1.352E+03	2.72	1.345E+03	3.21		
4	6.637E+04	1.155E+03	1.060E+03	8.22	1.055E+03	8.67		
5	6.838E+04	1.070E+03	9.783E+02	8.57	9.735E+02	9.02		
6	7.024E+04	9.930E+02	9.102E+02	8.33	9.057E+02	8.79		
7	7.229E+04	9.130E+02	8.425E+02	7.72	8.383E+02	8.19		
8	7.455E+04	8.720E+02	7.757E+02	11.04	7.717E+02	11.50		
9	7.639E+04	8.280E+02	7.266E+02	12.25	7.228E+02	12.71		
10	9.693E+04	4.430E+02	3.856E+02	12.95	3.837E+02	13.39		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
51	2081	6	84RA01	3	3.78E+00	3.24E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.200E+04	1.961E+03	2.039E+03	-3.98	2.027E+03	-3.35		
2	7.300E+04	8.060E+02	8.207E+02	-1.83	8.165E+02	-1.31		
3	8.420E+04	5.340E+02	5.600E+02	-4.87	5.570E+02	-4.32		

IZ= 52

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
52	1437	21	36SC1	19	1.01E+01	1.14E+01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.055E+04	3.108E+04	2.760E+04	11.20	2.693E+04	13.36		
2	1.193E+04	2.288E+04	1.989E+04	13.06	1.942E+04	15.13		

3	1.416E+04	1.447E+04	1.256E+04	13.17	1.228E+04	15.15
4	1.578E+04	1.053E+04	9.389E+03	10.83	9.181E+03	12.81
5	1.748E+04	7.987E+03	7.129E+03	10.74	6.976E+03	12.66
6	2.117E+04	4.619E+03	4.256E+03	7.85	4.170E+03	9.72
7	2.215E+04	4.089E+03	3.768E+03	7.85	3.693E+03	9.69
8	2.316E+04	3.644E+03	3.342E+03	8.29	3.276E+03	10.10
9	2.633E+04	2.568E+03	2.367E+03	7.82	2.322E+03	9.57
10	2.743E+04	2.292E+03	2.121E+03	7.46	2.082E+03	9.18
11	3.091E+04	1.684E+03	1.541E+03	8.46	1.514E+03	10.09
12	3.336E+04	7.394E+03	6.981E+03	5.58	6.935E+03	6.21
13	3.463E+04	6.882E+03	6.345E+03	7.80	6.303E+03	8.41
14	4.001E+04	4.852E+03	4.372E+03	9.90	4.344E+03	10.47
15	5.029E+04	2.642E+03	2.389E+03	9.58	2.375E+03	10.10
16	5.734E+04	1.843E+03	1.684E+03	8.63	1.674E+03	9.17
17	6.637E+04	1.269E+03	1.138E+03	10.31	1.131E+03	10.84
18	7.229E+04	1.040E+03	9.049E+02	12.99	8.997E+02	13.49
19	7.639E+04	9.210E+02	7.804E+02	15.26	7.760E+02	15.74

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
52	1438	10	39WR1	10	1.43E+01	1.48E+01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.734E+04	1.878E+03	1.684E+03	10.33	1.674E+03	10.87	
2	5.895E+04	1.776E+03	1.564E+03	11.94	1.554E+03	12.47	
3	6.062E+04	1.591E+03	1.451E+03	8.78	1.442E+03	9.33	
4	6.637E+04	1.329E+03	1.138E+03	14.35	1.131E+03	14.87	
5	6.838E+04	1.231E+03	1.051E+03	14.65	1.044E+03	15.16	
6	7.024E+04	1.143E+03	9.776E+02	14.47	9.718E+02	14.98	
7	7.229E+04	1.058E+03	9.049E+02	14.47	8.997E+02	14.96	
8	7.455E+04	1.001E+03	8.332E+02	16.77	8.284E+02	17.24	
9	7.639E+04	9.169E+02	7.804E+02	14.88	7.760E+02	15.36	
10	9.693E+04	5.159E+02	4.142E+02	19.72	4.121E+02	20.13	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
52	2082	6	84RA01	3	3.21E+00	2.71E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.200E+04	2.083E+03	2.185E+03	-4.92	2.173E+03	-4.31	
2	7.300E+04	8.710E+02	8.815E+02	-1.20	8.764E+02	-.62	
3	8.420E+04	5.880E+02	6.015E+02	-2.30	5.983E+02	-1.76	

IZ= 53

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
53	1442	34	39HA2	29	3.15E+00	3.10E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	2.939E+04	2.981E+04	-1.44	2.908E+04	1.04	
2	1.122E+04	2.516E+04	2.526E+04	-.39	2.465E+04	2.04	
3	1.192E+04	2.092E+04	2.150E+04	-2.77	2.099E+04	-.32	
4	1.416E+04	1.318E+04	1.356E+04	-2.89	1.325E+04	-.53	
5	1.577E+04	9.803E+03	1.015E+04	-3.59	9.929E+03	-1.29	
6	1.661E+04	8.488E+03	8.833E+03	-4.06	8.639E+03	-1.78	
7	1.748E+04	7.506E+03	7.700E+03	-2.58	7.534E+03	-.37	
8	2.021E+04	5.184E+03	5.211E+03	-.52	5.103E+03	1.56	



9	2.118E+04	4.551E+03	4.593E+03	-.92	4.500E+03	1.13
10	2.216E+04	3.892E+03	4.066E+03	-4.48	3.985E+03	-2.39
11	2.317E+04	3.466E+03	3.607E+03	-4.06	3.536E+03	-2.01
12	2.527E+04	2.891E+03	2.856E+03	1.20	2.802E+03	3.09
13	2.636E+04	2.642E+03	2.550E+03	3.47	2.502E+03	5.30
14	2.747E+04	2.354E+03	2.283E+03	3.01	2.241E+03	4.81
15	3.472E+04	6.895E+03	6.711E+03	2.66	6.669E+03	3.28
16	3.602E+04	6.244E+03	6.105E+03	2.23	6.067E+03	2.84
17	3.736E+04	5.710E+03	5.556E+03	2.70	5.522E+03	3.29
18	4.012E+04	4.775E+03	4.621E+03	3.23	4.593E+03	3.81
19	4.910E+04	2.503E+03	2.725E+03	-8.85	2.708E+03	-8.18
20	5.236E+04	2.272E+03	2.298E+03	-1.12	2.284E+03	-.51
21	5.752E+04	1.811E+03	1.788E+03	1.29	1.777E+03	1.86
22	5.931E+04	1.660E+03	1.647E+03	.79	1.638E+03	1.35
23	6.113E+04	1.528E+03	1.519E+03	.60	1.510E+03	1.15
24	6.682E+04	1.261E+03	1.197E+03	5.08	1.190E+03	5.60
25	6.879E+04	1.093E+03	1.107E+03	-1.32	1.101E+03	-.76
26	7.082E+04	1.022E+03	1.024E+03	-.24	1.019E+03	.30
27	7.286E+04	9.803E+02	9.496E+02	3.14	9.444E+02	3.66
28	7.496E+04	9.255E+02	8.801E+02	4.91	8.753E+02	5.42
29	7.710E+04	8.178E+02	8.163E+02	.18	8.119E+02	.72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
53	1443	17	38MU1	17	3.69E+00	4.03E+00		
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.577E+04	1.025E+04	1.015E+04		.93	9.929E+03	3.13	
2	1.748E+04	7.619E+03	7.700E+03		-1.06	7.534E+03	1.12	
3	2.021E+04	5.215E+03	5.211E+03		.08	5.103E+03	2.14	
4	2.118E+04	4.581E+03	4.593E+03		-.26	4.500E+03	1.78	
5	2.317E+04	3.624E+03	3.607E+03		.47	3.536E+03	2.44	
6	2.527E+04	2.853E+03	2.856E+03		-.12	2.802E+03	1.80	
7	2.747E+04	2.223E+03	2.283E+03		-2.71	2.241E+03	-.80	
8	3.097E+04	1.591E+03	1.657E+03		-4.16	1.628E+03	-2.31	
9	3.472E+04	6.857E+03	6.711E+03		2.12	6.669E+03	2.74	
10	3.736E+04	5.495E+03	5.556E+03		-1.11	5.522E+03	-.49	
11	4.012E+04	4.676E+03	4.621E+03		1.18	4.593E+03	1.78	
12	5.236E+04	2.316E+03	2.298E+03		.80	2.284E+03	1.40	
13	5.752E+04	1.890E+03	1.788E+03		5.41	1.777E+03	5.96	
14	6.113E+04	1.583E+03	1.519E+03		4.05	1.510E+03	4.59	
15	6.682E+04	1.243E+03	1.197E+03		3.71	1.190E+03	4.23	
16	7.082E+04	1.098E+03	1.024E+03		6.69	1.019E+03	7.20	
17	7.710E+04	9.033E+02	8.163E+02		9.63	8.119E+02	10.12	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
53	1444	1	22W11	1	6.95E+00	8.96E+00		
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	8.378E+03	7.795E+03		6.95	7.627E+03	8.96	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
53	1445	1	63SC1	1	1.01E+00	3.14E+00		
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	7.778E+03	7.700E+03		1.01	7.534E+03	3.14	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
53	1446	10	39WR1	10	1.23E+01	1.28E+01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.734E+04	1.946E+03	1.803E+03	7.36	1.792E+03	7.90		
2	5.895E+04	1.842E+03	1.674E+03	9.12	1.664E+03	9.64		
3	6.062E+04	1.633E+03	1.553E+03	4.88	1.545E+03	5.41		
4	6.637E+04	1.397E+03	1.219E+03	12.76	1.212E+03	13.24		
5	6.838E+04	1.286E+03	1.125E+03	12.50	1.119E+03	12.98		
6	7.024E+04	1.194E+03	1.047E+03	12.29	1.042E+03	12.77		
7	7.229E+04	1.106E+03	9.697E+02	12.32	9.645E+02	12.80		
8	7.455E+04	1.044E+03	8.931E+02	14.45	8.883E+02	14.92		
9	7.639E+04	9.800E+02	8.368E+02	14.62	8.322E+02	15.08		
10	9.693E+04	5.395E+02	4.443E+02	17.65	4.420E+02	18.08		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
53	2079	6	84RA01	3	2.78E+00	2.28E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	5.200E+04	2.247E+03	2.340E+03	-4.14	2.326E+03	-3.51		
2	7.300E+04	9.230E+02	9.447E+02	-2.35	9.396E+02	-1.80		
3	8.420E+04	6.410E+02	6.453E+02	-.68	6.419E+02	-.14		

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
54	1465	7	70MC2	3	1.40E+00	7.80E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.738E+04	2.453E+03	2.486E+03	-1.34	2.439E+03	.56		
2	4.423E+04	3.750E+03	3.819E+03	-1.84	3.795E+03	-1.20		
3	8.809E+04	6.080E+02	6.130E+02	-.82	6.097E+02	-.28		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
54	1467	9	66GA1	1	3.48E+00	1.24E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.748E+04	8.023E+03	8.302E+03	-3.48	8.122E+03	-1.24		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
54	1468	14	34WH1	13	4.84E+00	3.65E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.130E+04	2.542E+04	2.668E+04	-4.96	2.603E+04	-2.41		
2	1.240E+04	2.021E+04	2.084E+04	-3.11	2.034E+04	-.66		
3	1.390E+04	1.561E+04	1.536E+04	1.62	1.500E+04	3.89		
4	1.560E+04	1.055E+04	1.127E+04	-6.82	1.102E+04	-4.43		
5	1.750E+04	7.609E+03	8.277E+03	-8.78	8.097E+03	-6.42		
6	1.960E+04	5.923E+03	6.103E+03	-3.05	5.975E+03	-.88		
7	2.350E+04	3.619E+03	3.747E+03	-3.53	3.672E+03	-1.47		
8	2.930E+04	1.947E+03	2.073E+03	-6.50	2.035E+03	-4.54		
9	3.910E+04	5.254E+03	5.250E+03	.08	5.217E+03	.71		
10	4.400E+04	3.826E+03	3.871E+03	-1.17	3.846E+03	-.53		
11	5.020E+04	2.570E+03	2.745E+03	-6.83	2.729E+03	-6.18		
12	5.930E+04	1.668E+03	1.760E+03	-5.53	1.751E+03	-4.96		
13	7.040E+04	1.129E+03	1.113E+03	1.40	1.107E+03	1.92		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
54	1469	1	63CH1	1	8.08E-01	2.96E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.748E+04	8.370E+03	8.302E+03		.81	8.122E+03	2.96	

IZ= 55

IZ= 56

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
56	1475	16	38MU1	16	3.58E+00	3.58E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.577E+04	1.289E+04	1.266E+04		1.76	1.266E+04	1.76	
2	1.748E+04	9.906E+03	9.614E+03		2.95	9.614E+03	2.95	
3	2.021E+04	6.351E+03	6.513E+03		-2.55	6.513E+03	-2.55	
4	2.118E+04	5.671E+03	5.743E+03		-1.27	5.743E+03	-1.27	
5	2.317E+04	4.540E+03	4.513E+03		.60	4.513E+03	.60	
6	2.527E+04	3.628E+03	3.575E+03		1.45	3.575E+03	1.45	
7	2.747E+04	3.001E+03	2.859E+03		4.74	2.859E+03	4.74	
8	3.097E+04	2.227E+03	2.075E+03		6.85	2.075E+03	6.85	
9	3.736E+04	1.303E+03	1.261E+03		3.23	1.261E+03	3.23	
10	4.012E+04	5.603E+03	5.560E+03		.77	5.560E+03	.77	
11	5.236E+04	2.880E+03	2.785E+03		3.28	2.785E+03	3.28	
12	5.752E+04	2.272E+03	2.171E+03		4.43	2.171E+03	4.43	
13	6.113E+04	1.879E+03	1.847E+03		1.71	1.847E+03	1.71	
14	6.682E+04	1.562E+03	1.458E+03		6.67	1.458E+03	6.67	
15	7.082E+04	1.244E+03	1.249E+03		-.42	1.249E+03	-.42	
16	7.710E+04	1.049E+03	9.968E+02		4.97	9.968E+02	4.97	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
56	1476	1	22WI1	1	3.19E+00	3.19E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	9.432E+03	9.733E+03		-3.19	9.733E+03	-3.19	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
56	1477	13	26AL1	12	7.48E+00	7.48E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.430E+04	4.333E+03	3.971E+03		8.35	3.971E+03	8.35	
2	2.710E+04	3.124E+03	2.964E+03		5.11	2.964E+03	5.11	
3	2.880E+04	2.623E+03	2.519E+03		3.97	2.519E+03	3.97	
4	5.170E+04	2.668E+03	2.880E+03		-7.95	2.880E+03	-7.95	
5	5.640E+04	2.098E+03	2.288E+03		-9.05	2.288E+03	-9.05	
6	5.930E+04	1.870E+03	2.002E+03		-7.08	2.002E+03	-7.08	
7	6.390E+04	1.596E+03	1.642E+03		-2.86	1.642E+03	-2.86	
8	6.700E+04	1.323E+03	1.447E+03		-9.41	1.447E+03	-9.41	
9	7.170E+04	1.117E+03	1.209E+03		-8.23	1.209E+03	-8.23	
10	7.750E+04	9.120E+02	9.832E+02		-7.81	9.832E+02	-7.81	
11	8.210E+04	7.750E+02	8.436E+02		-8.86	8.436E+02	-8.86	
12	8.860E+04	6.390E+02	6.892E+02		-7.85	6.892E+02	-7.85	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
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56	2080	6	84RA01	3	2.08E+00	2.08E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.200E+04	2.810E+03	2.837E+03	2.837E+03	-.95	2.837E+03	-.95	
2	7.300E+04	1.125E+03	1.153E+03	1.153E+03	-2.45	1.153E+03	-2.45	
3	8.420E+04	7.700E+02	7.889E+02	7.889E+02	-2.46	7.889E+02	-2.46	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
56	2087	27	82SC01	25	8.77E+01	8.77E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.750E+04	9.624E+03	9.585E+03	9.585E+03	.41	9.585E+03	.41	
2	2.210E+04	4.903E+03	5.123E+03	5.123E+03	-4.49	5.123E+03	-4.49	
3	2.490E+04	3.512E+03	3.720E+03	3.720E+03	-5.92	3.720E+03	-5.92	
4	2.510E+04	3.542E+03	3.641E+03	3.641E+03	-2.79	3.641E+03	-2.79	
5	2.520E+04	3.414E+03	3.602E+03	3.602E+03	-5.51	3.602E+03	-5.51	
6	2.630E+04	3.020E+03	3.212E+03	3.212E+03	-6.37	3.212E+03	-6.37	
7	2.740E+04	2.712E+03	2.878E+03	2.878E+03	-6.13	2.878E+03	-6.13	
8	2.850E+04	2.477E+03	2.590E+03	2.590E+03	-4.58	2.590E+03	-4.58	
9	3.080E+04	1.859E+03	2.105E+03	2.105E+03	-13.24	2.105E+03	-13.24	
10	3.100E+04	1.957E+03	2.069E+03	2.069E+03	-5.73	2.069E+03	-5.73	
11	3.200E+04	1.785E+03	1.901E+03	1.901E+03	-6.51	1.901E+03	-6.51	
12	3.230E+04	1.799E+03	1.854E+03	1.854E+03	-3.08	1.854E+03	-3.08	
13	3.330E+04	1.562E+03	1.710E+03	1.710E+03	-9.47	1.710E+03	-9.47	
14	3.350E+04	1.562E+03	1.683E+03	1.683E+03	-7.74	1.683E+03	-7.74	
15	3.450E+04	1.421E+03	1.556E+03	1.556E+03	-9.53	1.556E+03	-9.53	
16	3.500E+04	1.421E+03	1.498E+03	1.498E+03	-5.43	1.498E+03	-5.43	
17	3.640E+04	1.291E+03	1.351E+03	1.351E+03	-4.61	1.351E+03	-4.61	
18	3.749E+04	1.236E+03	6.633E+03	6.633E+03	-436.67	6.633E+03	-436.67	
19	3.751E+04	6.938E+03	6.624E+03	6.624E+03	4.53	6.624E+03	4.53	
20	3.780E+04	5.062E+03	6.492E+03	6.492E+03	-28.25	6.492E+03	-28.25	
21	3.920E+04	5.829E+03	5.905E+03	5.905E+03	-1.31	5.905E+03	-1.31	
22	4.150E+04	4.985E+03	5.094E+03	5.094E+03	-2.18	5.094E+03	-2.18	
23	4.700E+04	3.551E+03	3.693E+03	3.693E+03	-4.01	3.693E+03	-4.01	
24	4.820E+04	3.435E+03	3.460E+03	3.460E+03	-.71	3.460E+03	-.71	
25	5.640E+04	2.485E+03	2.288E+03	2.288E+03	7.93	2.288E+03	7.93	

IZ= 57

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
57	1481	7	69DE1	5	1.69E+01	1.69E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.500E+04	1.340E+04	1.553E+04	1.553E+04	-15.88	1.553E+04	-15.88	
2	2.000E+04	6.210E+03	7.193E+03	7.193E+03	-15.82	7.193E+03	-15.82	
3	2.494E+04	3.374E+03	3.980E+03	3.980E+03	-17.95	3.980E+03	-17.95	
4	3.000E+04	2.059E+03	2.427E+03	2.427E+03	-17.89	2.427E+03	-17.89	
5	4.000E+04	5.096E+03	5.948E+03	5.948E+03	-16.71	5.948E+03	-16.71	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
57	1482	12	67MC1	9	1.93E+00	1.93E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	3.979E+03	3.954E+03	3.954E+03	.62	3.954E+03	.62	
2	3.004E+04	2.364E+03	2.419E+03	2.419E+03	-2.31	2.419E+03	-2.31	
3	3.506E+04	1.576E+03	1.602E+03	1.602E+03	-1.67	1.602E+03	-1.67	



4	4.004E+04	6.241E+03	5.932E+03	4.95	5.932E+03	4.95
5	5.008E+04	3.331E+03	3.324E+03	.20	3.324E+03	.20
6	6.003E+04	2.067E+03	2.064E+03	.14	2.064E+03	.14
7	7.004E+04	1.375E+03	1.371E+03	.28	1.371E+03	.28
8	7.996E+04	9.597E+02	9.647E+02	-.52	9.647E+02	-.52
9	8.992E+04	7.083E+02	7.067E+02	.22	7.067E+02	.22

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
57	1483	9	70CO1	1	1.26E+00	1.26E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	7.558E+02	7.462E+02	1.26	7.462E+02	1.26	

IZ= 58

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
58	1488	21	70OR1	9	4.51E+00	4.51E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	4.407E+04	4.205E+04	4.59	4.205E+04	4.59	
2	1.083E+04	4.158E+04	3.924E+04	5.62	3.924E+04	5.62	
3	1.190E+04	3.232E+04	3.062E+04	5.25	3.062E+04	5.25	
4	1.261E+04	2.771E+04	2.629E+04	5.12	2.629E+04	5.12	
5	1.302E+04	2.550E+04	2.416E+04	5.24	2.416E+04	5.24	
6	1.383E+04	2.159E+04	2.061E+04	4.56	2.061E+04	4.56	
7	1.493E+04	1.754E+04	1.683E+04	4.07	1.683E+04	4.07	
8	1.673E+04	1.273E+04	1.243E+04	2.39	1.243E+04	2.39	
9	1.743E+04	1.142E+04	1.114E+04	2.48	1.114E+04	2.48	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
58	1489	16	38MU1	16	5.97E+00	5.97E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	1.207E+04	1.105E+04	8.43	1.105E+04	8.43	
2	2.021E+04	7.824E+03	7.493E+03	4.23	7.493E+03	4.23	
3	2.118E+04	6.929E+03	6.609E+03	4.62	6.609E+03	4.62	
4	2.317E+04	5.470E+03	5.195E+03	5.02	5.195E+03	5.02	
5	2.527E+04	4.339E+03	4.118E+03	5.08	4.118E+03	5.08	
6	2.747E+04	3.571E+03	3.294E+03	7.76	3.294E+03	7.76	
7	3.097E+04	2.527E+03	2.391E+03	5.39	2.391E+03	5.39	
8	3.472E+04	1.868E+03	1.763E+03	5.60	1.763E+03	5.60	
9	3.736E+04	1.494E+03	1.452E+03	2.79	1.452E+03	2.79	
10	4.012E+04	1.232E+03	1.204E+03	2.29	1.204E+03	2.29	
11	5.236E+04	3.360E+03	3.138E+03	6.61	3.138E+03	6.61	
12	5.752E+04	2.624E+03	2.456E+03	6.42	2.456E+03	6.42	
13	6.113E+04	2.235E+03	2.093E+03	6.36	2.093E+03	6.36	
14	6.682E+04	1.761E+03	1.654E+03	6.05	1.654E+03	6.05	
15	7.082E+04	1.518E+03	1.418E+03	6.58	1.418E+03	6.58	
16	7.710E+04	1.235E+03	1.132E+03	8.38	1.132E+03	8.38	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
58	1490	11	39WR1	11	1.76E+01	1.76E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.734E+04	2.814E+03	2.476E+03	12.02	2.476E+03	12.02	
2	5.895E+04	2.645E+03	2.302E+03	12.95	2.302E+03	12.95	



3	6.062E+04	2.353E+03	2.140E+03	9.07	2.140E+03	9.07
4	6.637E+04	2.002E+03	1.684E+03	15.87	1.684E+03	15.87
5	6.838E+04	2.093E+03	1.556E+03	25.64	1.556E+03	25.64
6	7.024E+04	1.739E+03	1.449E+03	16.66	1.449E+03	16.66
7	7.229E+04	1.598E+03	1.343E+03	15.97	1.343E+03	15.97
8	7.455E+04	1.515E+03	1.237E+03	18.33	1.237E+03	18.33
9	7.639E+04	1.430E+03	1.160E+03	18.90	1.160E+03	18.90
10	9.150E+04	8.886E+02	7.188E+02	19.11	7.188E+02	19.11
11	9.693E+04	8.019E+02	6.175E+02	23.00	6.175E+02	23.00

IZ= 59

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
59	1496	7	69DA1	3	1.91E+00	1.91E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.191E+04	3.248E+04	3.264E+04	3.264E+04	-.49	3.264E+04	-.49	
2	1.575E+04	1.537E+04	1.562E+04	1.562E+04	-1.60	1.562E+04	-1.60	
3	2.414E+04	4.848E+03	4.986E+03	4.986E+03	-2.85	4.986E+03	-2.85	

IZ= 60

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
60	1500	27	70OR1	5	4.78E+00	4.78E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	5.111E+04	4.786E+04	4.786E+04	6.35	4.786E+04	6.35	
2	1.083E+04	4.596E+04	4.469E+04	4.469E+04	2.77	4.469E+04	2.77	
3	1.190E+04	3.657E+04	3.491E+04	3.491E+04	4.53	3.491E+04	4.53	
4	1.302E+04	2.884E+04	2.757E+04	2.757E+04	4.40	2.757E+04	4.40	
5	1.493E+04	2.026E+04	1.922E+04	1.922E+04	5.14	1.922E+04	5.14	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
60	1501	10	67KN1	8	3.62E+00	3.62E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	2.349E+03	2.385E+03	2.385E+03	-1.53	2.385E+03	-1.53	
2	4.153E+04	1.169E+03	1.261E+03	1.261E+03	-7.84	1.261E+03	-7.84	
3	4.298E+04	1.097E+03	1.152E+03	1.152E+03	-5.03	1.152E+03	-5.03	
4	5.142E+04	3.731E+03	3.676E+03	3.676E+03	1.48	3.676E+03	1.48	
5	6.817E+04	1.724E+03	1.771E+03	1.771E+03	-2.74	1.771E+03	-2.74	
6	7.950E+04	1.157E+03	1.179E+03	1.179E+03	-1.87	1.179E+03	-1.87	
7	8.897E+04	8.620E+02	8.753E+02	8.753E+02	-1.55	8.753E+02	-1.55	
8	9.711E+04	6.950E+02	6.952E+02	6.952E+02	-.03	6.952E+02	-.03	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
60	1502	4	80PR1	4	1.49E+00	1.49E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.240E+04	3.575E+03	3.501E+03	3.501E+03	2.06	3.501E+03	2.06	
2	6.000E+04	2.516E+03	2.473E+03	2.473E+03	1.71	2.473E+03	1.71	
3	7.220E+04	1.527E+03	1.522E+03	1.522E+03	.35	1.522E+03	.35	
4	8.440E+04	1.019E+03	1.006E+03	1.006E+03	1.27	1.006E+03	1.27	

IZ= 61

IZ= 62

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
62	1506	31	70OR1	8	5.97E+00	5.97E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	5.807E+04	5.432E+04	6.45	5.432E+04	6.45		
2	1.083E+04	5.410E+04	5.074E+04	6.20	5.074E+04	6.20		
3	1.190E+04	4.249E+04	3.967E+04	6.63	3.967E+04	6.63		
4	1.261E+04	3.590E+04	3.407E+04	5.09	3.407E+04	5.09		
5	1.302E+04	3.383E+04	3.132E+04	7.42	3.132E+04	7.42		
6	1.493E+04	2.309E+04	2.182E+04	5.49	2.182E+04	5.49		
7	1.673E+04	1.688E+04	1.614E+04	4.36	1.614E+04	4.36		
8	1.743E+04	1.533E+04	1.448E+04	5.53	1.448E+04	5.53		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
62	1507	4	69DE1	4	1.19E+00	1.19E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.300E+04	3.190E+04	3.145E+04	1.42	3.145E+04	1.42		
2	2.000E+04	1.002E+04	1.005E+04	-.30	1.005E+04	-.30		
3	2.494E+04	5.525E+03	5.580E+03	-1.00	5.580E+03	-1.00		
4	3.000E+04	3.355E+03	3.409E+03	-1.61	3.409E+03	-1.61		

IZ= 63

IZ= 64

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	1513	31	70OR1	8	5.35E+00	5.35E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	6.405E+04	6.136E+04	4.21	6.136E+04	4.21		
2	1.083E+04	6.128E+04	5.736E+04	6.39	5.736E+04	6.39		
3	1.190E+04	4.616E+04	4.491E+04	2.71	4.491E+04	2.71		
4	1.261E+04	4.084E+04	3.857E+04	5.56	3.857E+04	5.56		
5	1.302E+04	3.750E+04	3.545E+04	5.47	3.545E+04	5.47		
6	1.493E+04	2.674E+04	2.468E+04	7.71	2.468E+04	7.71		
7	1.673E+04	1.922E+04	1.827E+04	4.96	1.827E+04	4.96		
8	1.743E+04	1.713E+04	1.639E+04	4.31	1.639E+04	4.31		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	1515	11	69DA1	5	1.42E+00	1.42E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.121E+04	5.360E+04	5.247E+04	2.11	5.247E+04	2.11		
2	1.337E+04	3.347E+04	3.305E+04	1.25	3.305E+04	1.25		
3	1.662E+04	1.895E+04	1.859E+04	1.92	1.859E+04	1.92		
4	2.017E+04	1.121E+04	1.114E+04	.62	1.114E+04	.62		
5	2.519E+04	6.183E+03	6.172E+03	.18	6.172E+03	.18		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
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64	1516	4	69DE1	4	2.46E+00	2.46E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.000E+04	1.134E+04	1.139E+04	-	.47	1.139E+04	-	.47
2	2.494E+04	6.227E+03	6.338E+03	-	1.78	6.338E+03	-	1.78
3	3.000E+04	3.760E+03	3.875E+03	-	3.07	3.875E+03	-	3.07
4	4.000E+04	1.748E+03	1.807E+03	-	3.37	1.807E+03	-	3.37
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	1517	13	67MC1	10	2.97E+00	2.97E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	6.222E+03	6.298E+03	-	1.22	6.298E+03	-	1.22
2	3.004E+04	4.008E+03	3.862E+03	3.65	3.862E+03	3.65		
3	3.506E+04	2.592E+03	2.561E+03	1.20	2.561E+03	1.20		
4	4.004E+04	1.814E+03	1.802E+03	.65	1.802E+03	.65		
5	4.501E+04	1.333E+03	1.325E+03	.59	1.325E+03	.59		
6	5.504E+04	4.029E+03	3.839E+03	4.72	3.839E+03	4.72		
7	6.003E+04	3.240E+03	3.065E+03	5.41	3.065E+03	5.41		
8	7.004E+04	2.136E+03	2.056E+03	3.76	2.056E+03	3.76		
9	7.996E+04	1.485E+03	1.457E+03	1.87	1.457E+03	1.87		
10	8.992E+04	1.087E+03	1.072E+03	1.36	1.072E+03	1.36		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	1518	10	67KN1	8	2.77E+00	2.77E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	3.225E+03	3.097E+03	3.98	3.097E+03	3.98		
2	4.153E+04	1.629E+03	1.637E+03	-	.48	1.637E+03	-	.48
3	4.298E+04	1.465E+03	1.496E+03	-	2.09	1.496E+03	-	2.09
4	5.142E+04	4.823E+03	4.581E+03	5.02	4.581E+03	5.02		
5	6.817E+04	2.225E+03	2.205E+03	.90	2.205E+03	.90		
6	7.950E+04	1.488E+03	1.479E+03	.59	1.479E+03	.59		
7	8.897E+04	1.133E+03	1.102E+03	2.70	1.102E+03	2.70		
8	9.711E+04	9.010E+02	8.766E+02	2.70	8.766E+02	2.70		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	1519	3	77RA1	3	8.02E+00	8.02E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.421E+04	1.381E+03	1.389E+03	-	.57	1.389E+03	-	.57
2	5.065E+04	4.188E+03	4.764E+03	-	13.76	4.764E+03	-	13.76
3	5.800E+04	3.413E+03	3.351E+03	1.82	3.351E+03	1.82		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	1520	9	70CO1	1	9.23E-01	9.23E-01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.809E+04	1.142E+03	1.131E+03	.92	1.131E+03	.92		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
64	2039	8	84LI01	7	2.13E+00	2.13E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.085E+04	3.484E+03	3.598E+03	-	3.27	3.598E+03	-	3.27
2	3.210E+04	3.194E+03	3.237E+03	-	1.35	3.237E+03	-	1.35
3	3.690E+04	2.199E+03	2.236E+03	-	1.70	2.236E+03	-	1.70
4	5.200E+04	4.319E+03	4.449E+03	-	3.02	4.449E+03	-	3.02
5	7.210E+04	1.915E+03	1.907E+03	.43	1.907E+03	.43		



6	8.100E+04	1.381E+03	1.409E+03	-2.02	1.409E+03	-2.02
7	8.430E+04	1.248E+03	1.269E+03	-1.71	1.269E+03	-1.71

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
64	2094	3	82RA01	1	2.21E+00	2.21E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.210E+04	1.950E+03	1.907E+03	2.21	1.907E+03	2.21	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
64	2104	7	81RA01	5	4.06E+00	4.06E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.441E+04	2.590E+04	2.711E+04	-4.66	2.711E+04	-4.66	
2	2.468E+04	6.542E+03	6.517E+03	.38	6.517E+03	.38	
3	3.164E+04	3.338E+03	3.364E+03	-.77	3.364E+03	-.77	
4	3.560E+04	2.380E+03	2.459E+03	-3.33	2.459E+03	-3.33	
5	4.200E+04	1.485E+03	1.589E+03	-7.00	1.589E+03	-7.00	

IZ= 65

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
65	1524	7	69DE1	7	2.24E+00	2.24E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.500E+04	2.694E+04	2.587E+04	3.98	2.587E+04	3.98	
2	2.000E+04	1.247E+04	1.211E+04	2.91	1.211E+04	2.91	
3	2.100E+04	1.100E+04	1.064E+04	3.27	1.064E+04	3.27	
4	2.494E+04	6.740E+03	6.741E+03	-.01	6.741E+03	-.01	
5	3.000E+04	4.114E+03	4.124E+03	-.24	4.124E+03	-.24	
6	4.000E+04	1.920E+03	1.923E+03	-.17	1.923E+03	-.17	
7	4.400E+04	1.495E+03	1.497E+03	-.13	1.497E+03	-.13	

IZ= 66

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
66	2042	8	84LI01	7	2.93E+00	2.93E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.085E+04	3.972E+03	4.071E+03	-2.49	4.071E+03	-2.49	
2	3.210E+04	3.586E+03	3.664E+03	-2.16	3.664E+03	-2.16	
3	3.690E+04	2.590E+03	2.532E+03	2.25	2.532E+03	2.25	
4	5.200E+04	9.810E+02	1.030E+03	-5.04	1.030E+03	-5.04	
5	7.210E+04	2.058E+03	2.119E+03	-2.98	2.119E+03	-2.98	
6	8.100E+04	1.557E+03	1.571E+03	-.93	1.571E+03	-.93	
7	8.430E+04	1.375E+03	1.417E+03	-3.04	1.417E+03	-3.04	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
66	2097	3	82RA01	1	1.64E+00	1.64E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.210E+04	2.085E+03	2.119E+03	-1.64	2.119E+03	-1.64	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
66	2105	7	81RA01	5	1.88E+00	1.88E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR



1	1.441E+04	3.015E+04	3.048E+04	-1.08	3.048E+04	-1.08
2	2.468E+04	7.426E+03	7.366E+03	.81	7.366E+03	.81
3	3.164E+04	3.800E+03	3.807E+03	-.18	3.807E+03	-.18
4	3.560E+04	2.825E+03	2.784E+03	1.45	2.784E+03	1.45
5	4.200E+04	1.735E+03	1.799E+03	-3.71	1.799E+03	-3.71

IZ= 67

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
67	1528	28	70OR1	6	2.17E+00	2.17E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.083E+04	6.986E+04	6.745E+04	3.45	6.745E+04	3.45		
2	1.190E+04	5.452E+04	5.301E+04	2.77	5.301E+04	2.77		
3	1.302E+04	4.275E+04	4.201E+04	1.73	4.201E+04	1.73		
4	1.493E+04	3.007E+04	2.940E+04	2.24	2.940E+04	2.24		
5	1.673E+04	2.163E+04	2.182E+04	-.86	2.182E+04	-.86		
6	1.743E+04	1.961E+04	1.959E+04	.10	1.959E+04	.10		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
67	1529	6	69DE1	6	1.15E+00	1.15E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.500E+04	2.947E+04	2.904E+04	1.46	2.904E+04	1.46		
2	2.000E+04	1.378E+04	1.364E+04	1.03	1.364E+04	1.03		
3	2.494E+04	7.490E+03	7.605E+03	-1.54	7.605E+03	-1.54		
4	3.000E+04	4.601E+03	4.659E+03	-1.25	4.659E+03	-1.25		
5	4.000E+04	2.172E+03	2.174E+03	-.11	2.174E+03	-.11		
6	4.400E+04	1.677E+03	1.692E+03	-.90	1.692E+03	-.90		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
67	1530	10	67KN1	8	4.40E+00	4.40E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	3.985E+03	3.724E+03	6.54	3.724E+03	6.54		
2	4.153E+04	2.002E+03	1.970E+03	1.62	1.970E+03	1.62		
3	4.298E+04	1.816E+03	1.800E+03	.90	1.800E+03	.90		
4	5.142E+04	1.191E+03	1.127E+03	5.38	1.127E+03	5.38		
5	6.817E+04	2.728E+03	2.583E+03	5.33	2.583E+03	5.33		
6	7.950E+04	1.777E+03	1.738E+03	2.22	1.738E+03	2.22		
7	8.897E+04	1.334E+03	1.297E+03	2.78	1.297E+03	2.78		
8	9.711E+04	1.101E+03	1.032E+03	6.23	1.032E+03	6.23		

IZ= 68

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
68	1533	14	69DA1	7	1.78E+00	1.78E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.099E+04	7.040E+04	6.861E+04	2.54	6.861E+04	2.54		
2	1.191E+04	5.771E+04	5.590E+04	3.14	5.590E+04	3.14		
3	1.337E+04	4.205E+04	4.146E+04	1.40	4.146E+04	1.40		
4	1.415E+04	3.621E+04	3.577E+04	1.22	3.577E+04	1.22		
5	1.744E+04	2.101E+04	2.071E+04	1.44	2.071E+04	1.44		
6	2.211E+04	1.114E+04	1.109E+04	.43	1.109E+04	.43		

7 2.628E+04 6.985E+03 7.021E+03 -.52 7.021E+03 -.52

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
68	2041	8	84LI01	7	3.70E+00	3.70E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.085E+04	4.324E+03	4.590E+03	-6.16	4.590E+03	-6.16		-6.16
2	3.210E+04	4.015E+03	4.132E+03	-2.91	4.132E+03	-2.91		-2.91
3	3.690E+04	2.930E+03	2.857E+03	2.47	2.857E+03	2.47		2.47
4	5.200E+04	1.143E+03	1.162E+03	-1.70	1.162E+03	-1.70		-1.70
5	7.210E+04	2.356E+03	2.363E+03	-.28	2.363E+03	-.28		-.28
6	8.100E+04	1.667E+03	1.742E+03	-4.50	1.742E+03	-4.50		-4.50
7	8.430E+04	1.502E+03	1.570E+03	-4.50	1.570E+03	-4.50		-4.50

IZ= 69

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
69	1536	6	69DE1	3	1.50E+00	1.50E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.000E+04	5.292E+03	5.241E+03	.96	5.241E+03	.96		.96
2	3.500E+04	3.534E+03	3.486E+03	1.36	3.486E+03	1.36		1.36
3	4.400E+04	1.946E+03	1.907E+03	1.99	1.907E+03	1.99		1.99

IZ= 70

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
70	1538	28	70OR1	6	3.21E+00	3.21E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.083E+04	8.220E+04	7.870E+04	4.26	7.870E+04	4.26		4.26
2	1.190E+04	6.499E+04	6.195E+04	4.67	6.195E+04	4.67		4.67
3	1.302E+04	5.146E+04	4.927E+04	4.25	4.927E+04	4.25		4.25
4	1.493E+04	3.525E+04	3.468E+04	1.61	3.468E+04	1.61		1.61
5	1.673E+04	2.589E+04	2.582E+04	.29	2.582E+04	.29		.29
6	1.743E+04	2.345E+04	2.320E+04	1.08	2.320E+04	1.08		1.08

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
70	1540	7	69DE1	6	2.35E+00	2.35E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.000E+04	1.571E+04	1.617E+04	-2.94	1.617E+04	-2.94		-2.94
2	2.494E+04	8.783E+03	9.042E+03	-2.95	9.042E+03	-2.95		-2.95
3	3.000E+04	5.614E+03	5.552E+03	1.11	5.552E+03	1.11		1.11
4	3.500E+04	3.735E+03	3.695E+03	1.08	3.695E+03	1.08		1.08
5	4.000E+04	2.519E+03	2.598E+03	-3.12	2.598E+03	-3.12		-3.12
6	4.400E+04	2.062E+03	2.022E+03	1.94	2.022E+03	1.94		1.94

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
70	1541	10	67KN1	8	2.58E+00	2.58E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	3.264E+04	4.692E+03	4.443E+03	5.31	4.443E+03	5.31		5.31
2	4.153E+04	2.345E+03	2.353E+03	-.36	2.353E+03	-.36		-.36
3	4.298E+04	2.132E+03	2.150E+03	-.86	2.150E+03	-.86		-.86
4	5.142E+04	1.368E+03	1.346E+03	1.61	1.346E+03	1.61		1.61

5	6.817E+04	3.097E+03	2.993E+03	3.36	2.993E+03	3.36
6	7.950E+04	2.028E+03	2.018E+03	.50	2.018E+03	.50
7	8.897E+04	1.497E+03	1.509E+03	-.81	1.509E+03	-.81
8	9.711E+04	1.241E+03	1.203E+03	3.04	1.203E+03	3.04

IZ= 71

IZ= 72

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
72	1548	3	64KA1	2	5.87E+00	5.87E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	2.810E+04	2.600E+04	7.48	2.600E+04	7.48	
2	2.210E+04	1.440E+04	1.388E+04	3.60	1.388E+04	3.60	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
72	1549	4	69DE1	4	1.46E+00	1.46E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.800E+04	2.331E+04	2.379E+04	-2.06	2.379E+04	-2.06	
2	2.100E+04	1.605E+04	1.587E+04	1.11	1.587E+04	1.11	
3	3.000E+04	6.266E+03	6.219E+03	.75	6.219E+03	.75	
4	4.400E+04	2.304E+03	2.268E+03	1.57	2.268E+03	1.57	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
72	1550	13	67MC1	9	1.40E+00	1.40E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	1.023E+04	1.004E+04	1.82	1.004E+04	1.82	
2	3.004E+04	6.333E+03	6.197E+03	2.14	6.197E+03	2.14	
3	3.506E+04	4.137E+03	4.123E+03	.33	4.123E+03	.33	
4	4.004E+04	2.919E+03	2.905E+03	.47	2.905E+03	.47	
5	5.008E+04	1.597E+03	1.617E+03	-1.25	1.617E+03	-1.25	
6	6.003E+04	9.902E+02	1.012E+03	-2.24	1.012E+03	-2.24	
7	7.004E+04	3.097E+03	3.065E+03	1.02	3.065E+03	1.02	
8	7.996E+04	2.208E+03	2.181E+03	1.20	2.181E+03	1.20	
9	8.992E+04	1.608E+03	1.615E+03	-.46	1.615E+03	-.46	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
72	1551	9	70CO1	1	8.66E-01	8.66E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	1.688E+03	1.703E+03	-.87	1.703E+03	-.87	

IZ= 73

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1558	14	68HO1	8	6.69E-01	6.69E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	7.178E+04	7.228E+04	-.70	7.228E+04	-.70	
2	1.144E+04	6.931E+04	6.899E+04	.46	6.899E+04	.46	
3	1.192E+04	7.247E+04	7.191E+04	.77	7.191E+04	.77	
4	1.252E+04	6.424E+04	6.359E+04	1.01	6.359E+04	1.01	



5	1.749E+04	2.691E+04	2.705E+04	-.52	2.705E+04	-.52
6	2.218E+04	1.452E+04	1.451E+04	.06	1.451E+04	.06
7	2.317E+04	1.294E+04	1.294E+04	-.02	1.294E+04	-.02
8	2.525E+04	1.023E+04	1.033E+04	-.99	1.033E+04	-.99

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1559	18	66HU1	9	2.91E+00	2.91E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.027E+04	7.292E+04	6.719E+04	7.86	6.719E+04	7.86	
2	1.054E+04	6.285E+04	6.272E+04	.20	6.272E+04	.20	
3	1.055E+04	6.249E+04	6.256E+04	-.11	6.256E+04	-.11	
4	1.084E+04	5.796E+04	5.798E+04	-.03	5.798E+04	-.03	
5	1.107E+04	5.372E+04	5.468E+04	-1.78	5.468E+04	-1.78	
6	1.144E+04	7.120E+04	6.899E+04	3.11	6.899E+04	3.11	
7	1.221E+04	6.790E+04	6.771E+04	.28	6.771E+04	.28	
8	1.261E+04	6.174E+04	6.246E+04	-1.16	6.246E+04	-1.16	
9	1.748E+04	2.710E+04	2.709E+04	.04	2.709E+04	.04	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1560	19	74PA1	11	3.59E+00	3.59E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	4.990E+04	4.888E+04	2.05	4.888E+04	2.05	
2	1.780E+04	2.683E+04	2.584E+04	3.71	2.584E+04	3.71	
3	2.080E+04	1.673E+04	1.717E+04	-2.65	1.717E+04	-2.65	
4	2.640E+04	9.710E+03	9.193E+03	5.33	9.193E+03	5.33	
5	3.210E+04	5.745E+03	5.500E+03	4.27	5.500E+03	4.27	
6	3.650E+04	3.780E+03	3.921E+03	-3.73	3.921E+03	-3.73	
7	4.130E+04	2.865E+03	2.833E+03	1.12	2.833E+03	1.12	
8	4.730E+04	2.140E+03	1.986E+03	7.21	1.986E+03	7.21	
9	5.960E+04	1.109E+03	1.091E+03	1.64	1.091E+03	1.64	
10	8.430E+04	1.990E+03	1.995E+03	-.23	1.995E+03	-.23	
11	9.730E+04	1.394E+03	1.385E+03	.62	1.385E+03	.62	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1561	16	66HE1	11	4.98E+00	4.98E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	6.156E+04	6.256E+04	-1.62	6.256E+04	-1.62	
2	1.098E+04	5.492E+04	5.593E+04	-1.83	5.593E+04	-1.83	
3	1.122E+04	7.112E+04	7.228E+04	-1.63	7.228E+04	-1.63	
4	1.144E+04	6.850E+04	6.899E+04	-.71	6.899E+04	-.71	
5	1.192E+04	7.142E+04	7.191E+04	-.69	7.191E+04	-.69	
6	1.329E+04	5.429E+04	5.474E+04	-.82	5.474E+04	-.82	
7	1.578E+04	3.398E+04	3.534E+04	-4.01	3.534E+04	-4.01	
8	1.748E+04	2.680E+04	2.709E+04	-1.08	2.709E+04	-1.08	
9	1.961E+04	1.941E+04	2.004E+04	-3.26	2.004E+04	-3.26	
10	2.116E+04	1.427E+04	1.642E+04	-15.05	1.642E+04	-15.05	
11	2.494E+04	1.037E+04	1.067E+04	-2.91	1.067E+04	-2.91	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1562	11	69DE1	6	1.87E+00	1.87E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.500E+04	3.963E+04	4.026E+04	-1.60	4.026E+04	-1.60	
2	2.000E+04	1.893E+04	1.903E+04	-.55	1.903E+04	-.55	



3	2.494E+04	1.060E+04	1.067E+04	-.68	1.067E+04	-.68
4	2.500E+04	1.052E+04	1.060E+04	-.81	1.060E+04	-.81
5	3.000E+04	6.355E+03	6.572E+03	-3.41	6.572E+03	-3.41
6	4.000E+04	3.011E+03	3.081E+03	-2.34	3.081E+03	-2.34

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1564	11	77RA2	7	9.42E-01	9.42E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.337E+04	5.358E+04	5.391E+04	-.63	5.391E+04	-.63	
2	1.833E+04	2.381E+04	2.392E+04	-.48	2.392E+04	-.48	
3	2.414E+04	1.175E+04	1.162E+04	1.08	1.162E+04	1.08	
4	3.085E+04	6.069E+03	6.106E+03	-.61	6.106E+03	-.61	
5	4.571E+04	2.195E+03	2.171E+03	1.08	2.171E+03	1.08	
6	8.100E+04	2.172E+03	2.208E+03	-1.68	2.208E+03	-1.68	
7	8.679E+04	1.847E+03	1.852E+03	-.28	1.852E+03	-.28	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1565	11	77MU1	7	9.27E-01	9.27E-01	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.338E+04	5.358E+04	5.381E+04	-.44	5.381E+04	-.44	
2	1.833E+04	2.381E+04	2.392E+04	-.48	2.392E+04	-.48	
3	2.414E+04	1.175E+04	1.162E+04	1.08	1.162E+04	1.08	
4	3.085E+04	6.069E+03	6.106E+03	-.61	6.106E+03	-.61	
5	4.571E+04	2.195E+03	2.171E+03	1.08	2.171E+03	1.08	
6	8.100E+04	2.172E+03	2.208E+03	-1.68	2.208E+03	-1.68	
7	8.679E+04	1.847E+03	1.852E+03	-.28	1.852E+03	-.28	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
73	1566	29	41LAL	29	3.74E+00	3.74E+00	
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.748E+04	2.728E+04	2.709E+04	.70	2.709E+04	.70	
2	1.927E+04	2.074E+04	2.098E+04	-1.18	2.098E+04	-1.18	
3	2.021E+04	1.892E+04	1.852E+04	2.12	1.852E+04	2.12	
4	2.117E+04	1.670E+04	1.640E+04	1.81	1.640E+04	1.81	
5	2.215E+04	1.459E+04	1.456E+04	.18	1.456E+04	.18	
6	2.316E+04	1.307E+04	1.296E+04	.86	1.296E+04	.86	
7	2.419E+04	1.163E+04	1.156E+04	.59	1.156E+04	.59	
8	2.524E+04	1.041E+04	1.034E+04	.65	1.034E+04	.65	
9	2.633E+04	9.283E+03	9.257E+03	.28	9.257E+03	.28	
10	2.743E+04	8.530E+03	8.315E+03	2.52	8.315E+03	2.52	
11	2.857E+04	7.726E+03	7.472E+03	3.29	7.472E+03	3.29	
12	3.091E+04	6.217E+03	6.075E+03	2.29	6.075E+03	2.29	
13	3.212E+04	5.544E+03	5.491E+03	.96	5.491E+03	.96	
14	3.336E+04	5.043E+03	4.970E+03	1.46	4.970E+03	1.46	
15	3.463E+04	4.597E+03	4.504E+03	2.03	4.504E+03	2.03	
16	3.583E+04	4.228E+03	4.117E+03	2.62	4.117E+03	2.62	
17	3.724E+04	3.848E+03	3.719E+03	3.35	3.719E+03	3.35	
18	3.999E+04	3.194E+03	3.083E+03	3.46	3.083E+03	3.46	
19	5.734E+04	1.258E+03	1.205E+03	4.23	1.205E+03	4.23	
20	5.895E+04	1.194E+03	1.122E+03	6.04	1.122E+03	6.04	
21	6.062E+04	1.042E+03	1.044E+03	-.23	1.044E+03	-.23	
22	6.450E+04	8.850E+02	8.914E+02	-.73	8.914E+02	-.73	
23	6.637E+04	8.340E+02	8.291E+02	.59	8.291E+02	.59	

24	7.024E+04	2.840E+03	3.188E+03	-12.24	3.188E+03	-12.24
25	7.229E+04	2.736E+03	2.959E+03	-8.15	2.959E+03	-8.15
26	7.433E+04	2.618E+03	2.754E+03	-5.19	2.754E+03	-5.19
27	7.639E+04	2.430E+03	2.567E+03	-5.62	2.567E+03	-5.62
28	9.150E+04	1.634E+03	1.620E+03	.89	1.620E+03	.89
29	9.693E+04	1.426E+03	1.399E+03	1.90	1.399E+03	1.90

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	1567	15	34GR1	15	6.02E+00	6.02E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.749E+04	2.677E+04	2.705E+04	-1.04	2.705E+04	-1.04		
2	2.022E+04	1.826E+04	1.850E+04	-1.29	1.850E+04	-1.29		
3	2.217E+04	1.471E+04	1.453E+04	1.23	1.453E+04	1.23		
4	2.317E+04	1.287E+04	1.294E+04	-.56	1.294E+04	-.56		
5	2.635E+04	9.131E+03	9.239E+03	-1.18	9.239E+03	-1.18		
6	2.859E+04	7.518E+03	7.458E+03	.80	7.458E+03	.80		
7	3.093E+04	6.185E+03	6.065E+03	1.95	6.065E+03	1.95		
8	3.466E+04	4.417E+03	4.493E+03	-1.73	4.493E+03	-1.73		
9	6.067E+04	9.880E+02	1.042E+03	-5.48	1.042E+03	-5.48		
10	6.642E+04	7.580E+02	8.275E+02	-9.17	8.275E+02	-9.17		
11	7.029E+04	3.113E+03	3.182E+03	-2.21	3.182E+03	-2.21		
12	7.234E+04	2.813E+03	2.954E+03	-5.00	2.954E+03	-5.00		
13	7.438E+04	2.628E+03	2.749E+03	-4.61	2.749E+03	-4.61		
14	7.644E+04	2.481E+03	2.562E+03	-3.28	2.562E+03	-3.28		
15	9.700E+04	1.175E+03	1.396E+03	-18.84	1.396E+03	-18.84		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	1568	5	79PU1	4	7.12E+00	7.12E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.470E+04	1.150E+04	1.095E+04	4.82	1.095E+04	4.82		
2	3.290E+04	5.550E+03	5.155E+03	7.12	5.155E+03	7.12		
3	3.690E+04	4.050E+03	3.810E+03	5.92	3.810E+03	5.92		
4	6.660E+04	9.100E+02	8.218E+02	9.69	8.218E+02	9.69		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	1569	17	62WI1	14	1.96E+00	1.96E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.952E+04	3.125E+03	3.181E+03	-1.78	3.181E+03	-1.78		
2	4.012E+04	2.977E+03	3.057E+03	-2.69	3.057E+03	-2.69		
3	4.153E+04	2.722E+03	2.792E+03	-2.57	2.792E+03	-2.57		
4	4.298E+04	2.488E+03	2.551E+03	-2.55	2.551E+03	-2.55		
5	4.540E+04	2.154E+03	2.210E+03	-2.61	2.210E+03	-2.61		
6	5.000E+04	1.767E+03	1.718E+03	2.77	1.718E+03	2.77		
7	5.752E+04	1.187E+03	1.195E+03	-.68	1.195E+03	-.68		
8	6.698E+04	7.870E+02	8.101E+02	-2.93	8.101E+02	-2.93		
9	6.787E+04	3.455E+03	3.484E+03	-.85	3.484E+03	-.85		
10	6.884E+04	3.335E+03	3.358E+03	-.70	3.358E+03	-.70		
11	7.081E+04	3.095E+03	3.122E+03	-.86	3.122E+03	-.86		
12	7.797E+04	2.407E+03	2.435E+03	-1.17	2.435E+03	-1.17		
13	8.026E+04	2.262E+03	2.261E+03	.05	2.261E+03	.05		
14	8.654E+04	1.833E+03	1.866E+03	-1.79	1.866E+03	-1.79		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
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73	1570	2	76G01	2	1.27E+00	1.27E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.220E+04	1.509E+03	1.536E+03	-1.79	1.536E+03	-1.79		
2	8.430E+04	1.995E+03	1.995E+03	.02	1.995E+03	.02		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	1571	2	34HA1	2	6.88E+00	6.88E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.931E+04	1.088E+03	1.105E+03	-1.52	1.105E+03	-1.52		
2	7.278E+04	2.653E+03	2.908E+03	-9.61	2.908E+03	-9.61		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	1572	1	74G01	1	5.45E+00	5.45E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.210E+04	3.151E+03	2.979E+03	5.45	2.979E+03	5.45		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	1573	10	36J01	2	7.29E+00	7.29E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.840E+04	1.645E+03	1.768E+03	-7.46	1.768E+03	-7.46		
2	9.520E+04	1.367E+03	1.464E+03	-7.13	1.464E+03	-7.13		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
73	2045	6	83LI01	4	5.70E+00	5.70E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	5.483E+03	5.500E+03	-.31	5.500E+03	-.31		
2	5.200E+04	1.420E+03	1.551E+03	-9.25	1.551E+03	-9.25		
3	7.210E+04	2.795E+03	2.979E+03	-6.59	2.979E+03	-6.59		
4	8.430E+04	2.013E+03	1.995E+03	.92	1.995E+03	.92		

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1590	18	59DE1	15	2.64E+00	2.64E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.122E+04	5.742E+04	5.551E+04	3.32	5.551E+04	3.32		
2	1.249E+04	6.997E+04	6.719E+04	3.98	6.719E+04	3.98		
3	1.339E+04	5.782E+04	5.647E+04	2.33	5.647E+04	2.33		
4	1.496E+04	4.390E+04	4.270E+04	2.74	4.270E+04	2.74		
5	1.577E+04	3.862E+04	3.730E+04	3.42	3.730E+04	3.42		
6	1.748E+04	2.930E+04	2.856E+04	2.54	2.856E+04	2.54		
7	1.767E+04	2.868E+04	2.776E+04	3.21	2.776E+04	3.21		
8	1.961E+04	2.125E+04	2.113E+04	.57	2.113E+04	.57		
9	2.021E+04	1.996E+04	1.952E+04	2.18	1.952E+04	2.18		
10	2.216E+04	1.560E+04	1.534E+04	1.68	1.534E+04	1.68		
11	2.494E+04	1.112E+04	1.126E+04	-1.24	1.126E+04	-1.24		
12	2.527E+04	1.097E+04	1.088E+04	.84	1.088E+04	.84		
13	2.848E+04	8.148E+03	7.953E+03	2.40	7.953E+03	2.40		
14	2.919E+04	7.540E+03	7.455E+03	1.12	7.455E+03	1.12		
15	3.049E+04	6.957E+03	6.650E+03	4.42	6.650E+03	4.42		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		



74	1592	18	26AL1	11	8.30E+00	8.30E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.710E+04	9.067E+03	9.058E+03		.10	9.058E+03	.10	
2	2.880E+04	7.540E+03	7.723E+03		-2.43	7.723E+03	-2.43	
3	5.930E+04	1.200E+03	1.168E+03		2.66	1.168E+03	2.66	
4	6.390E+04	9.770E+02	9.648E+02		1.25	9.648E+02	1.25	
5	7.750E+04	2.717E+03	2.587E+03		4.79	2.587E+03	4.79	
6	8.210E+04	2.442E+03	2.231E+03		8.63	2.231E+03	8.63	
7	8.380E+04	2.366E+03	2.118E+03		10.49	2.118E+03	10.49	
8	8.550E+04	2.228E+03	2.012E+03		9.67	2.012E+03	9.67	
9	8.860E+04	2.061E+03	1.839E+03		10.77	1.839E+03	10.77	
10	9.180E+04	1.908E+03	1.681E+03		11.87	1.681E+03	11.87	
11	9.840E+04	1.633E+03	1.411E+03		13.59	1.411E+03	13.59	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1593	8	67DE1	6	2.71E+00	2.71E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	2.873E+04	2.959E+04		-2.98	2.959E+04	-2.98	
2	1.500E+04	4.060E+04	4.241E+04		-4.45	4.241E+04	-4.45	
3	2.000E+04	1.975E+04	2.007E+04		-1.60	2.007E+04	-1.60	
4	2.500E+04	1.111E+04	1.119E+04		-.70	1.119E+04	-.70	
5	3.000E+04	6.777E+03	6.939E+03		-2.39	6.939E+03	-2.39	
6	4.000E+04	3.175E+03	3.257E+03		-2.58	3.257E+03	-2.58	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1594	1	68PA2	1	7.57E+00	7.57E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.744E+04	3.108E+04	2.873E+04		7.57	2.873E+04	7.57	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1595	28	26AL1	25	4.35E+01	4.35E+01		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.970E+04	2.290E+04	2.088E+04		8.83	2.088E+04	8.83	
2	2.480E+04	1.160E+04	1.143E+04		1.51	1.143E+04	1.51	
3	2.560E+04	1.047E+04	1.051E+04		-.42	1.051E+04	-.42	
4	2.700E+04	9.158E+03	9.146E+03		.13	9.146E+03	.13	
5	2.760E+04	8.548E+03	8.634E+03		-1.01	8.634E+03	-1.01	
6	2.820E+04	8.090E+03	8.161E+03		-.88	8.161E+03	-.88	
7	2.950E+04	6.960E+03	7.252E+03		-4.19	7.252E+03	-4.19	
8	3.100E+04	6.044E+03	6.366E+03		-5.33	6.366E+03	-5.33	
9	3.260E+04	5.190E+03	5.577E+03		-7.47	5.577E+03	-7.47	
10	3.440E+04	4.426E+03	4.842E+03		-9.41	4.842E+03	-9.41	
11	3.650E+04	3.663E+03	4.143E+03		-13.11	4.143E+03	-13.11	
12	3.870E+04	3.083E+03	3.552E+03		-15.22	3.552E+03	-15.22	
13	4.130E+04	2.625E+03	2.994E+03		-14.08	2.994E+03	-14.08	
14	4.430E+04	2.200E+03	2.492E+03		-13.25	2.492E+03	-13.25	
15	4.770E+04	1.862E+03	2.053E+03		-10.28	2.053E+03	-10.28	
16	5.170E+04	1.557E+03	1.665E+03		-6.94	1.665E+03	-6.94	
17	5.640E+04	1.282E+03	1.329E+03		-3.67	1.329E+03	-3.67	
18	6.200E+04	9.770E+02	1.042E+03		-6.66	1.042E+03	-6.66	
19	6.530E+04	8.430E+02	9.130E+02		-8.30	9.130E+02	-8.30	
20	6.890E+04	7.720E+02	7.969E+02		-3.23	7.969E+02	-3.23	
21	7.290E+04	1.013E+03	3.031E+03		-199.22	3.031E+03	-199.22	



22	7.650E+04	1.526E+03	2.675E+03	-75.29	2.675E+03	-75.29
23	8.270E+04	2.473E+03	2.190E+03	11.44	2.190E+03	11.44
24	8.980E+04	2.045E+03	1.778E+03	13.08	1.778E+03	13.08
25	9.540E+04	1.786E+03	1.526E+03	14.56	1.526E+03	14.56

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1596	24	41LA1	24	2.82E+00	2.82E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.316E+04	1.392E+04	1.367E+04	1.367E+04	1.83	1.367E+04	1.83	
2	2.419E+04	1.250E+04	1.219E+04	1.219E+04	2.44	1.219E+04	2.44	
3	2.524E+04	1.108E+04	1.091E+04	1.091E+04	1.52	1.091E+04	1.52	
4	2.633E+04	9.990E+03	9.768E+03	9.768E+03	2.22	9.768E+03	2.22	
5	2.743E+04	8.920E+03	8.775E+03	8.775E+03	1.62	8.775E+03	1.62	
6	2.857E+04	8.040E+03	7.887E+03	7.887E+03	1.90	7.887E+03	1.90	
7	3.091E+04	6.340E+03	6.415E+03	6.415E+03	-1.18	6.415E+03	-1.18	
8	3.212E+04	5.886E+03	5.799E+03	5.799E+03	1.47	5.799E+03	1.47	
9	3.336E+04	5.193E+03	5.250E+03	5.250E+03	-1.09	5.250E+03	-1.09	
10	3.463E+04	4.782E+03	4.758E+03	4.758E+03	.50	4.758E+03	.50	
11	3.583E+04	4.421E+03	4.350E+03	4.350E+03	1.60	4.350E+03	1.60	
12	3.724E+04	3.992E+03	3.930E+03	3.930E+03	1.55	3.930E+03	1.55	
13	3.999E+04	3.294E+03	3.259E+03	3.259E+03	1.06	3.259E+03	1.06	
14	5.734E+04	1.325E+03	1.274E+03	1.274E+03	3.88	1.274E+03	3.88	
15	5.895E+04	1.240E+03	1.186E+03	1.186E+03	4.36	1.186E+03	4.36	
16	6.062E+04	1.096E+03	1.104E+03	1.104E+03	-.72	1.104E+03	-.72	
17	6.450E+04	9.225E+02	9.421E+02	9.421E+02	-2.12	9.421E+02	-2.12	
18	6.637E+04	8.533E+02	8.760E+02	8.760E+02	-2.67	8.760E+02	-2.67	
19	6.838E+04	7.755E+02	8.123E+02	8.123E+02	-4.74	8.123E+02	-4.74	
20	7.229E+04	2.899E+03	3.098E+03	3.098E+03	-6.87	3.098E+03	-6.87	
21	7.433E+04	2.763E+03	2.882E+03	2.882E+03	-4.31	2.882E+03	-4.31	
22	7.639E+04	2.568E+03	2.685E+03	2.685E+03	-4.55	2.685E+03	-4.55	
23	9.150E+04	1.689E+03	1.695E+03	1.695E+03	-.38	1.695E+03	-.38	
24	9.693E+04	1.488E+03	1.466E+03	1.466E+03	1.49	1.466E+03	1.49	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1597	10	67MC1	7	1.84E+00	1.84E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	1.098E+04	1.119E+04	1.119E+04	-1.89	1.119E+04	-1.89	
2	3.004E+04	6.902E+03	6.914E+03	6.914E+03	-.18	6.914E+03	-.18	
3	4.004E+04	3.190E+03	3.248E+03	3.248E+03	-1.83	3.248E+03	-1.83	
4	5.008E+04	1.754E+03	1.809E+03	1.809E+03	-3.12	1.809E+03	-3.12	
5	6.003E+04	1.106E+03	1.132E+03	1.132E+03	-2.35	1.132E+03	-2.35	
6	7.996E+04	2.359E+03	2.387E+03	2.387E+03	-1.19	2.387E+03	-1.19	
7	8.992E+04	1.775E+03	1.772E+03	1.772E+03	.19	1.772E+03	.19	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1598	11	34GR1	11	1.13E+01	1.13E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.859E+04	7.821E+03	7.873E+03	7.873E+03	-.66	7.873E+03	-.66	
2	3.093E+04	6.533E+03	6.404E+03	6.404E+03	1.97	6.404E+03	1.97	
3	3.339E+04	5.365E+03	5.237E+03	5.237E+03	2.38	5.237E+03	2.38	
4	3.466E+04	4.744E+03	4.747E+03	4.747E+03	-.07	4.747E+03	-.07	
5	6.067E+04	9.720E+02	1.102E+03	1.102E+03	-13.33	1.102E+03	-13.33	
6	6.642E+04	7.670E+02	8.744E+02	8.744E+02	-14.00	8.744E+02	-14.00	

7	6.843E+04	7.240E+02	8.108E+02	-11.99	8.108E+02	-11.99
8	7.234E+04	2.774E+03	3.093E+03	-11.48	3.093E+03	-11.48
9	7.438E+04	2.589E+03	2.877E+03	-11.12	2.877E+03	-11.12
10	7.644E+04	2.458E+03	2.680E+03	-9.05	2.680E+03	-9.05
11	9.700E+04	1.185E+03	1.463E+03	-23.47	1.463E+03	-23.47

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1599	6	67KN1	4	1.42E+00	1.42E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	5.650E+03	5.560E+03	1.60	5.560E+03	1.60		
2	6.817E+04	8.000E+02	8.186E+02	-2.33	8.186E+02	-2.33		
3	7.950E+04	2.427E+03	2.423E+03	.18	2.423E+03	.18		
4	8.897E+04	1.822E+03	1.820E+03	.12	1.820E+03	.12		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1600	16	62WI1	11	9.63E-01	9.63E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.012E+04	3.205E+03	3.231E+03	-.82	3.231E+03	-.82		
2	4.298E+04	2.692E+03	2.697E+03	-.19	2.697E+03	-.19		
3	4.540E+04	2.305E+03	2.337E+03	-1.37	2.337E+03	-1.37		
4	5.000E+04	1.829E+03	1.816E+03	.70	1.816E+03	.70		
5	5.752E+04	1.252E+03	1.263E+03	-.91	1.263E+03	-.91		
6	6.787E+04	8.180E+02	8.278E+02	-1.20	8.278E+02	-1.20		
7	6.884E+04	7.910E+02	7.987E+02	-.97	7.987E+02	-.97		
8	7.081E+04	3.327E+03	3.270E+03	1.73	3.270E+03	1.73		
9	7.797E+04	2.570E+03	2.547E+03	.90	2.547E+03	.90		
10	8.026E+04	2.372E+03	2.364E+03	.33	2.364E+03	.33		
11	8.654E+04	1.954E+03	1.952E+03	.11	1.952E+03	.11		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1601	10	26RI1	8	3.50E+00	3.50E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.130E+04	2.915E+03	2.994E+03	-2.73	2.994E+03	-2.73		
2	4.960E+04	1.816E+03	1.855E+03	-2.13	1.855E+03	-2.13		
3	6.200E+04	1.038E+03	1.042E+03	-.39	1.042E+03	-.39		
4	6.770E+04	8.550E+02	8.331E+02	2.56	8.331E+02	2.56		
5	6.940E+04	8.430E+02	7.825E+02	7.18	7.825E+02	7.18		
6	7.200E+04	3.187E+03	3.131E+03	1.77	3.131E+03	1.77		
7	7.320E+04	3.083E+03	2.999E+03	2.73	2.999E+03	2.73		
8	8.240E+04	2.122E+03	2.211E+03	-4.17	2.211E+03	-4.17		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1602	4	78PR1	4	2.01E+00	2.01E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.240E+04	1.580E+03	1.608E+03	-1.76	1.608E+03	-1.76		
2	6.000E+04	1.118E+03	1.133E+03	-1.38	1.133E+03	-1.38		
3	7.220E+04	3.008E+03	3.108E+03	-3.33	3.108E+03	-3.33		
4	8.440E+04	2.082E+03	2.080E+03	.11	2.080E+03	.11		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
74	1603	2	34HA1	2	4.64E+00	4.64E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.931E+04	1.163E+03	1.168E+03	-.39	1.168E+03	-.39		

2	7.278E+04	2.857E+03	3.044E+03	-6.55	3.044E+03	-6.55	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
74	1604	1	68GH1	1	9.30E+00	9.30E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	6.069E+04	1.007E+03	1.101E+03	-9.30	1.101E+03	-9.30	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
74	1605	9	70CO1	1	5.30E-01	5.30E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	1.876E+03	1.866E+03	.53	1.866E+03	.53	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
74	2046	6	83LI83	4	5.33E+00	5.33E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	5.795E+03	5.809E+03	-.24	5.809E+03	-.24	
2	5.200E+04	1.567E+03	1.640E+03	-4.67	1.640E+03	-4.67	
3	7.210E+04	2.855E+03	3.119E+03	-9.26	3.119E+03	-9.26	
4	8.430E+04	2.139E+03	2.086E+03	2.48	2.086E+03	2.48	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
74	2083	7	84RA01	4	2.82E+00	2.82E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	5.762E+03	5.809E+03	-.81	5.809E+03	-.81	
2	5.200E+04	1.577E+03	1.640E+03	-4.00	1.640E+03	-4.00	
3	7.300E+04	2.923E+03	3.020E+03	-3.33	3.020E+03	-3.33	
4	8.420E+04	2.051E+03	2.092E+03	-2.01	2.092E+03	-2.01	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
74	2096	3	82RA01	1	1.28E+00	1.28E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.210E+04	3.080E+03	3.119E+03	-1.28	3.119E+03	-1.28	
IZ= 75							
IZ= 76							
IZ= 77							
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
77	1626	5	69DE1	5	2.02E+00	2.02E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.000E+04	2.316E+04	2.336E+04	-.85	2.336E+04	-.85	
2	2.494E+04	1.340E+04	1.316E+04	1.78	1.316E+04	1.78	
3	3.000E+04	8.368E+03	8.126E+03	2.89	8.126E+03	2.89	
4	3.732E+04	4.650E+03	4.589E+03	1.32	4.589E+03	1.32	
5	4.400E+04	3.060E+03	2.982E+03	2.54	2.982E+03	2.54	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
77	1627	14	41LA1	14	3.16E+00	3.16E+00	



N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.463E+04	5.583E+03	5.582E+03	.03	5.582E+03	.03
2	3.583E+04	5.182E+03	5.105E+03	1.48	5.105E+03	1.48
3	3.724E+04	4.634E+03	4.614E+03	.42	4.614E+03	.42
4	3.999E+04	3.869E+03	3.829E+03	1.03	3.829E+03	1.03
5	5.734E+04	1.531E+03	1.498E+03	2.16	1.498E+03	2.16
6	5.895E+04	1.430E+03	1.395E+03	2.46	1.395E+03	2.46
7	6.062E+04	1.278E+03	1.298E+03	-1.58	1.298E+03	-1.58
8	6.637E+04	1.008E+03	1.030E+03	-2.18	1.030E+03	-2.18
9	6.838E+04	9.153E+02	9.549E+02	-4.33	9.549E+02	-4.33
10	7.024E+04	8.534E+02	8.922E+02	-4.55	8.922E+02	-4.55
11	7.229E+04	7.925E+02	8.298E+02	-4.71	8.298E+02	-4.71
12	7.433E+04	7.318E+02	7.737E+02	-5.73	7.737E+02	-5.73
13	9.150E+04	1.858E+03	1.947E+03	-4.78	1.947E+03	-4.78
14	9.693E+04	1.664E+03	1.679E+03	-.90	1.679E+03	-.90

IZ= 78

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
78	1630	19	28J01	2	7.60E+00	7.60E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	3.563E+04	3.204E+04	10.07	3.204E+04	10.07
2	1.123E+04	2.637E+04	2.736E+04	-3.77	2.736E+04	-3.77

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
78	1631	10	60EH1	1	1.50E+01	1.50E+01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.192E+04	5.053E+04	5.811E+04	-15.01	5.811E+04	-15.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
78	1632	13	68H01	9	2.58E+00	2.58E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	2.617E+04	2.743E+04	-4.80	2.743E+04	-4.80
2	1.192E+04	5.695E+04	5.811E+04	-2.04	5.811E+04	-2.04
3	1.252E+04	5.070E+04	5.096E+04	-.52	5.096E+04	-.52
4	1.338E+04	5.785E+04	5.894E+04	-1.88	5.894E+04	-1.88
5	1.417E+04	5.915E+04	5.904E+04	.19	5.904E+04	.19
6	1.577E+04	4.652E+04	4.501E+04	3.25	4.501E+04	3.25
7	2.218E+04	1.941E+04	1.879E+04	3.21	1.879E+04	3.21
8	2.317E+04	1.715E+04	1.678E+04	2.18	1.678E+04	2.18
9	2.525E+04	1.367E+04	1.342E+04	1.85	1.342E+04	1.85

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
78	1633	41	29BA1	25	1.30E+01	1.30E+01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.017E+04	3.586E+04	3.515E+04	1.97	3.515E+04	1.97
2	1.068E+04	3.180E+04	3.107E+04	2.31	3.107E+04	2.31
3	1.112E+04	2.784E+04	2.805E+04	-.77	2.805E+04	-.77
4	1.131E+04	2.713E+04	2.688E+04	.93	2.688E+04	.93
5	1.156E+04	5.656E+04	2.543E+04	55.04	2.543E+04	55.04
6	1.184E+04	5.977E+04	5.917E+04	1.00	5.917E+04	1.00
7	1.212E+04	5.591E+04	5.558E+04	.59	5.558E+04	.59



8	1.240E+04	5.303E+04	5.229E+04	1.40	5.229E+04	1.40
9	1.298E+04	4.639E+04	4.633E+04	.13	4.633E+04	.13
10	1.328E+04	4.671E+04	5.998E+04	-28.41	5.998E+04	-28.41
11	1.344E+04	5.828E+04	5.832E+04	-.07	5.832E+04	-.07
12	1.359E+04	5.656E+04	5.681E+04	-.44	5.681E+04	-.44
13	1.391E+04	5.921E+04	6.187E+04	-4.50	6.187E+04	-4.50
14	1.401E+04	6.404E+04	6.076E+04	5.12	6.076E+04	5.12
15	1.433E+04	6.061E+04	5.738E+04	5.33	5.738E+04	5.33
16	1.460E+04	5.853E+04	5.473E+04	6.50	5.473E+04	6.50
17	1.497E+04	5.413E+04	5.136E+04	5.11	5.136E+04	5.11
18	1.529E+04	5.206E+04	4.868E+04	6.49	4.868E+04	6.49
19	1.564E+04	4.823E+04	4.596E+04	4.70	4.596E+04	4.70
20	1.646E+04	4.221E+04	4.037E+04	4.37	4.037E+04	4.37
21	1.676E+04	4.117E+04	3.855E+04	6.36	3.855E+04	6.36
22	1.715E+04	3.790E+04	3.636E+04	4.06	3.636E+04	4.06
23	1.755E+04	3.560E+04	3.428E+04	3.70	3.428E+04	3.70
24	1.838E+04	3.217E+04	3.047E+04	5.29	3.047E+04	5.29
25	1.925E+04	2.861E+04	2.707E+04	5.40	2.707E+04	5.40

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1635	8	9BA1	3	6.51E+00	6.51E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.054E+04	3.424E+04	3.212E+04	6.19	3.212E+04	6.19		
2	1.122E+04	3.013E+04	2.743E+04	8.98	2.743E+04	8.98		
3	2.216E+04	1.830E+04	1.883E+04	-2.90	1.883E+04	-2.90		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1636	13	26A11	6	5.79E+00	5.79E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	3.239E+04	3.166E+04	2.25	3.166E+04	2.25		
2	1.137E+04	2.818E+04	2.652E+04	5.89	2.652E+04	5.89		
3	1.240E+04	5.345E+04	5.229E+04	2.17	5.229E+04	2.17		
4	1.362E+04	5.507E+04	5.651E+04	-2.62	5.651E+04	-2.62		
5	1.657E+04	4.341E+04	3.969E+04	8.57	3.969E+04	8.57		
6	1.749E+04	3.790E+04	3.458E+04	8.75	3.458E+04	8.75		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1637	29	26A11	26	1.71E+01	1.71E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.746E+04	3.855E+04	3.474E+04	9.89	3.474E+04	9.89		
2	1.970E+04	2.818E+04	2.551E+04	9.49	2.551E+04	9.49		
3	2.480E+04	1.474E+04	1.406E+04	4.61	1.406E+04	4.61		
4	2.560E+04	1.344E+04	1.294E+04	3.69	1.294E+04	3.69		
5	2.700E+04	1.166E+04	1.127E+04	3.37	1.127E+04	3.37		
6	2.760E+04	1.085E+04	1.064E+04	1.95	1.064E+04	1.95		
7	2.820E+04	1.030E+04	1.006E+04	2.35	1.006E+04	2.35		
8	2.950E+04	9.070E+03	8.941E+03	1.43	8.941E+03	1.43		
9	3.100E+04	7.936E+03	7.854E+03	1.04	7.854E+03	1.04		
10	3.260E+04	6.867E+03	6.885E+03	-.26	6.885E+03	-.26		
11	3.440E+04	5.896E+03	5.982E+03	-1.46	5.982E+03	-1.46		
12	3.650E+04	5.118E+03	5.123E+03	-.10	5.123E+03	-.10		
13	3.870E+04	4.373E+03	4.396E+03	-.53	4.396E+03	-.53		
14	4.130E+04	3.725E+03	3.709E+03	.43	3.709E+03	.43		

15	4.430E+04	3.110E+03	3.088E+03	.71	3.088E+03	.71
16	4.770E+04	2.591E+03	2.546E+03	1.72	2.546E+03	1.72
17	5.170E+04	2.154E+03	2.065E+03	4.12	2.065E+03	4.12
18	5.640E+04	1.701E+03	1.648E+03	3.09	1.648E+03	3.09
19	6.200E+04	1.348E+03	1.292E+03	4.15	1.292E+03	4.15
20	6.530E+04	1.199E+03	1.132E+03	5.61	1.132E+03	5.61
21	6.890E+04	1.050E+03	9.874E+02	5.96	9.874E+02	5.96
22	7.290E+04	9.200E+02	8.563E+02	6.93	8.563E+02	6.93
23	7.650E+04	8.420E+02	7.588E+02	9.89	7.588E+02	9.89
24	8.270E+04	1.393E+03	2.542E+03	-82.48	2.542E+03	-82.48
25	8.980E+04	2.365E+03	2.048E+03	13.41	2.048E+03	13.41
26	9.540E+04	2.041E+03	1.791E+03	12.24	1.791E+03	12.24

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
78	1639	19	59DE1	16	1.99E+00	1.99E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.098E+04	2.757E+04	2.897E+04	-5.06	2.897E+04	-5.06	
2	1.122E+04	2.622E+04	2.743E+04	-4.60	2.743E+04	-4.60	
3	1.249E+04	5.131E+04	5.129E+04	.04	5.129E+04	.04	
4	1.339E+04	5.967E+04	5.883E+04	1.40	5.883E+04	1.40	
5	1.577E+04	4.626E+04	4.501E+04	2.71	4.501E+04	2.71	
6	1.748E+04	3.473E+04	3.464E+04	.27	3.464E+04	.27	
7	1.767E+04	3.336E+04	3.369E+04	-1.00	3.369E+04	-1.00	
8	1.961E+04	2.572E+04	2.581E+04	-.34	2.581E+04	-.34	
9	2.021E+04	2.408E+04	2.388E+04	.81	2.388E+04	.81	
10	2.216E+04	1.865E+04	1.883E+04	-.97	1.883E+04	-.97	
11	2.272E+04	1.731E+04	1.765E+04	-1.98	1.765E+04	-1.98	
12	2.494E+04	1.389E+04	1.386E+04	.25	1.386E+04	.25	
13	2.527E+04	1.339E+04	1.339E+04	.00	1.339E+04	.00	
14	2.848E+04	9.799E+03	9.802E+03	-.03	9.802E+03	-.03	
15	2.919E+04	9.119E+03	9.191E+03	-.79	9.191E+03	-.79	
16	3.049E+04	8.228E+03	8.202E+03	.32	8.202E+03	.32	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
78	1638	18	26AL1	11	5.80E+00	5.80E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.710E+04	1.150E+04	1.116E+04	2.97	1.116E+04	2.97	
2	2.880E+04	9.718E+03	9.520E+03	2.04	9.520E+03	2.04	
3	5.930E+04	1.522E+03	1.449E+03	4.82	1.449E+03	4.82	
4	6.390E+04	1.263E+03	1.196E+03	5.30	1.196E+03	5.30	
5	6.700E+04	1.127E+03	1.060E+03	5.94	1.060E+03	5.94	
6	7.170E+04	9.390E+02	8.928E+02	4.92	8.928E+02	4.92	
7	8.380E+04	2.494E+03	2.445E+03	1.96	2.445E+03	1.96	
8	8.550E+04	2.446E+03	2.313E+03	5.43	2.313E+03	5.43	
9	8.860E+04	2.293E+03	2.114E+03	7.81	2.114E+03	7.81	
10	9.180E+04	2.122E+03	1.948E+03	8.21	1.948E+03	8.21	
11	9.840E+04	1.846E+03	1.676E+03	9.23	1.676E+03	9.23	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
78	1640	19	33W01	19	7.40E+00	7.40E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.071E+04	3.029E+04	3.085E+04	-1.84	3.085E+04	-1.84	
2	1.107E+04	2.831E+04	2.837E+04	-.23	2.837E+04	-.23	



3	1.125E+04	2.776E+04	2.724E+04	1.87	2.724E+04	1.87
4	1.129E+04	2.731E+04	2.700E+04	1.14	2.700E+04	1.14
5	1.144E+04	2.715E+04	2.611E+04	3.83	2.611E+04	3.83
6	1.158E+04	6.650E+04	6.281E+04	5.55	6.281E+04	5.55
7	1.221E+04	5.633E+04	5.449E+04	3.27	5.449E+04	3.27
8	1.227E+04	5.510E+04	5.378E+04	2.40	5.378E+04	2.40
9	1.261E+04	5.377E+04	5.000E+04	7.00	5.000E+04	7.00
10	1.279E+04	4.827E+04	4.816E+04	.22	4.816E+04	.22
11	1.338E+04	7.130E+04	5.894E+04	17.34	5.894E+04	17.34
12	1.361E+04	6.307E+04	5.661E+04	10.24	5.661E+04	10.24
13	1.410E+04	6.547E+04	5.978E+04	8.69	5.978E+04	8.69
14	1.417E+04	6.654E+04	5.904E+04	11.28	5.904E+04	11.28
15	1.488E+04	5.520E+04	5.215E+04	5.52	5.215E+04	5.52
16	1.496E+04	5.410E+04	5.145E+04	4.90	5.145E+04	4.90
17	1.569E+04	5.131E+04	4.559E+04	11.14	4.559E+04	11.14
18	1.578E+04	5.073E+04	4.493E+04	11.42	4.493E+04	11.42
19	1.584E+04	4.532E+04	4.450E+04	1.80	4.450E+04	1.80

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1641	6	14BR1	6	9.99E+00	9.99E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.016E+04	2.430E+04	2.404E+04	1.08	2.404E+04	1.08		1.08
2	2.152E+04	2.380E+04	2.031E+04	14.65	2.031E+04	14.65		14.65
3	2.238E+04	2.050E+04	1.836E+04	10.46	1.836E+04	10.46		10.46
4	2.309E+04	1.760E+04	1.693E+04	3.82	1.693E+04	3.82		3.82
5	2.440E+04	1.670E+04	1.467E+04	12.17	1.467E+04	12.17		12.17
6	2.525E+04	1.500E+04	1.342E+04	10.55	1.342E+04	10.55		10.55

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1642	21	41LA1	21	3.27E+00	3.27E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.633E+04	1.213E+04	1.203E+04	.82	1.203E+04	.82		.82
2	2.857E+04	9.543E+03	9.721E+03	-1.87	9.721E+03	-1.87		-1.87
3	3.091E+04	7.690E+03	7.914E+03	-2.91	7.914E+03	-2.91		-2.91
4	3.212E+04	7.013E+03	7.158E+03	-2.06	7.158E+03	-2.06		-2.06
5	3.336E+04	6.455E+03	6.482E+03	-.43	6.482E+03	-.43		-.43
6	3.463E+04	5.948E+03	5.879E+03	1.16	5.879E+03	1.16		1.16
7	3.583E+04	5.483E+03	5.378E+03	1.92	5.378E+03	1.92		1.92
8	3.724E+04	4.899E+03	4.861E+03	.77	4.861E+03	.77		.77
9	3.999E+04	4.047E+03	4.035E+03	.30	4.035E+03	.30		.30
10	5.734E+04	1.617E+03	1.580E+03	2.31	1.580E+03	2.31		2.31
11	5.895E+04	1.514E+03	1.471E+03	2.85	1.471E+03	2.85		2.85
12	6.062E+04	1.352E+03	1.369E+03	-1.25	1.369E+03	-1.25		-1.25
13	6.450E+04	1.151E+03	1.168E+03	-1.47	1.168E+03	-1.47		-1.47
14	6.637E+04	1.078E+03	1.086E+03	-.73	1.086E+03	-.73		-.73
15	6.838E+04	9.939E+02	1.007E+03	-1.28	1.007E+03	-1.28		-1.28
16	7.024E+04	8.615E+02	9.404E+02	-9.16	9.404E+02	-9.16		-9.16
17	7.229E+04	8.282E+02	8.746E+02	-5.60	8.746E+02	-5.60		-5.60
18	7.433E+04	7.642E+02	8.155E+02	-6.71	8.155E+02	-6.71		-6.71
19	7.639E+04	7.404E+02	7.615E+02	-2.85	7.615E+02	-2.85		-2.85
20	9.150E+04	1.900E+03	1.962E+03	-3.27	1.962E+03	-3.27		-3.27
21	9.693E+04	1.702E+03	1.731E+03	-1.70	1.731E+03	-1.70		-1.70

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1643	17	62W11	12	2.60E+00	2.60E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.952E+04	4.146E+03	4.162E+03	4.162E+03	-.38	4.162E+03	-.38	
2	4.012E+04	3.952E+03	4.001E+03	4.001E+03	-1.24	4.001E+03	-1.24	
3	4.153E+04	3.628E+03	3.655E+03	3.655E+03	-.76	3.655E+03	-.76	
4	4.298E+04	3.272E+03	3.342E+03	3.342E+03	-2.14	3.342E+03	-2.14	
5	4.540E+04	2.825E+03	2.897E+03	2.897E+03	-2.53	2.897E+03	-2.53	
6	5.000E+04	2.193E+03	2.253E+03	2.253E+03	-2.72	2.253E+03	-2.72	
7	5.752E+04	1.581E+03	1.567E+03	1.567E+03	.89	1.567E+03	.89	
8	6.787E+04	9.720E+02	1.026E+03	1.026E+03	-5.54	1.026E+03	-5.54	
9	7.081E+04	8.880E+02	9.214E+02	9.214E+02	-3.77	9.214E+02	-3.77	
10	7.797E+04	7.130E+02	7.235E+02	7.235E+02	-1.48	7.235E+02	-1.48	
11	8.026E+04	2.847E+03	2.797E+03	2.797E+03	1.74	2.797E+03	1.74	
12	8.654E+04	2.313E+03	2.241E+03	2.241E+03	3.11	2.241E+03	3.11	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1644	4	78PR1	4	3.90E+00	3.90E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.240E+04	2.031E+03	1.994E+03	1.994E+03	1.80	1.994E+03	1.80	
2	6.000E+04	1.442E+03	1.406E+03	1.406E+03	2.53	1.406E+03	2.53	
3	7.220E+04	8.590E+02	8.773E+02	8.773E+02	-2.13	8.773E+02	-2.13	
4	8.440E+04	2.572E+03	2.396E+03	2.396E+03	6.83	2.396E+03	6.83	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	1645	6	34GR1	6	9.00E+00	9.00E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.067E+04	1.377E+03	1.366E+03	1.366E+03	.80	1.366E+03	.80	
2	6.843E+04	9.230E+02	1.005E+03	1.005E+03	-8.85	1.005E+03	-8.85	
3	7.234E+04	7.780E+02	8.731E+02	8.731E+02	-12.22	8.731E+02	-12.22	
4	7.438E+04	7.270E+02	8.141E+02	8.141E+02	-11.98	8.141E+02	-11.98	
5	7.644E+04	6.880E+02	7.602E+02	7.602E+02	-10.50	7.602E+02	-10.50	
6	9.700E+04	1.695E+03	1.728E+03	1.728E+03	-1.96	1.728E+03	-1.96	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
78	2095	3	82RA01	1	2.37E+00	2.37E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.210E+04	8.600E+02	8.804E+02	8.804E+02	-2.37	8.804E+02	-2.37	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1663	44	66HU1	11	4.70E+00	4.70E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	3.398E+04	3.375E+04	3.375E+04	.67	3.375E+04	.67	
2	1.221E+04	6.103E+04	5.732E+04	5.732E+04	6.08	5.732E+04	6.08	
3	1.261E+04	5.671E+04	5.257E+04	5.257E+04	7.30	5.257E+04	7.30	
4	1.297E+04	4.925E+04	4.877E+04	4.877E+04	.98	4.877E+04	.98	
5	1.338E+04	4.297E+04	4.492E+04	4.492E+04	-4.53	4.492E+04	-4.53	
6	1.361E+04	4.291E+04	4.296E+04	4.296E+04	-.11	4.296E+04	-.11	
7	1.416E+04	5.530E+04	5.372E+04	5.372E+04	2.86	5.372E+04	2.86	
8	1.429E+04	5.877E+04	5.253E+04	5.253E+04	10.62	5.253E+04	10.62	



9	1.496E+04	5.547E+04	5.392E+04	2.79	5.392E+04	2.79
10	1.748E+04	3.653E+04	3.636E+04	.46	3.636E+04	.46
11	2.216E+04	1.952E+04	1.980E+04	-1.42	1.980E+04	-1.42

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1666	25	68H01	10	1.45E+00	1.45E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.122E+04	2.880E+04	2.889E+04	-0.31	2.889E+04	-0.31	
2	1.144E+04	2.700E+04	2.751E+04	-1.88	2.751E+04	-1.88	
3	1.252E+04	5.508E+04	5.359E+04	2.71	5.359E+04	2.71	
4	1.338E+04	4.481E+04	4.492E+04	-0.24	4.492E+04	-0.24	
5	1.417E+04	5.462E+04	5.363E+04	1.82	5.363E+04	1.82	
6	1.577E+04	4.781E+04	4.720E+04	1.28	4.720E+04	1.28	
7	1.749E+04	3.709E+04	3.631E+04	2.11	3.631E+04	2.11	
8	2.218E+04	1.986E+04	1.975E+04	.55	1.975E+04	.55	
9	2.317E+04	1.771E+04	1.764E+04	.40	1.764E+04	.40	
10	2.525E+04	1.406E+04	1.411E+04	-0.36	1.411E+04	-0.36	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1668	22	74PA1	11	1.89E+00	1.89E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	5.431E+04	5.612E+04	-3.33	5.612E+04	-3.33	
2	1.780E+04	3.453E+04	3.472E+04	-0.55	3.472E+04	-0.55	
3	2.080E+04	2.308E+04	2.331E+04	-1.00	2.331E+04	-1.00	
4	2.640E+04	1.214E+04	1.256E+04	-3.50	1.256E+04	-3.50	
5	3.210E+04	7.710E+03	7.543E+03	2.17	7.543E+03	2.17	
6	3.650E+04	5.390E+03	5.393E+03	-0.05	5.393E+03	-0.05	
7	4.130E+04	3.990E+03	3.906E+03	2.12	3.906E+03	2.12	
8	4.730E+04	2.790E+03	2.742E+03	1.72	2.742E+03	1.72	
9	5.960E+04	1.485E+03	1.507E+03	-1.47	1.507E+03	-1.47	
10	8.430E+04	2.620E+03	2.606E+03	.52	2.606E+03	.52	
11	9.730E+04	1.805E+03	1.809E+03	-0.20	1.809E+03	-0.20	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1669	9	9KA1	3	6.93E+00	6.93E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.054E+04	3.470E+04	3.383E+04	2.50	3.383E+04	2.50	
2	1.122E+04	3.270E+04	2.889E+04	11.65	2.889E+04	11.65	
3	2.216E+04	2.008E+04	1.980E+04	1.41	1.980E+04	1.41	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1670	13	36SC1	9	4.34E+00	4.34E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	3.362E+04	3.375E+04	-0.39	3.375E+04	-0.39	
2	1.123E+04	2.904E+04	2.883E+04	.74	2.883E+04	.74	
3	1.340E+04	4.468E+04	4.474E+04	-0.14	4.474E+04	-0.14	
4	1.416E+04	5.200E+04	5.372E+04	-3.31	5.372E+04	-3.31	
5	1.495E+04	5.115E+04	5.401E+04	-5.60	5.401E+04	-5.60	
6	1.748E+04	3.493E+04	3.636E+04	-4.09	3.636E+04	-4.09	
7	2.316E+04	1.694E+04	1.766E+04	-4.25	1.766E+04	-4.25	
8	2.743E+04	1.047E+04	1.137E+04	-8.61	1.137E+04	-8.61	
9	3.463E+04	5.936E+03	6.187E+03	-4.23	6.187E+03	-4.23	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1671	31	29BA1	19	4.70E+00	4.70E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.031E+04	3.771E+04	3.577E+04	5.14	3.577E+04	5.14		
2	1.055E+04	3.513E+04	3.375E+04	3.92	3.375E+04	3.92		
3	1.080E+04	3.339E+04	3.181E+04	4.72	3.181E+04	4.72		
4	1.131E+04	2.956E+04	2.831E+04	4.22	2.831E+04	4.22		
5	1.173E+04	2.652E+04	2.582E+04	2.64	2.582E+04	2.64		
6	1.212E+04	6.047E+04	5.847E+04	3.31	5.847E+04	3.31		
7	1.240E+04	5.841E+04	5.499E+04	5.86	5.499E+04	5.86		
8	1.269E+04	5.491E+04	5.169E+04	5.87	5.169E+04	5.87		
9	1.298E+04	5.161E+04	4.867E+04	5.70	4.867E+04	5.70		
10	1.328E+04	4.814E+04	4.581E+04	4.84	4.581E+04	4.84		
11	1.359E+04	4.716E+04	4.312E+04	8.56	4.312E+04	8.56		
12	1.397E+04	5.750E+04	5.547E+04	3.53	5.547E+04	3.53		
13	1.423E+04	5.416E+04	5.308E+04	2.00	5.308E+04	2.00		
14	1.463E+04	6.021E+04	5.704E+04	5.26	5.704E+04	5.26		
15	1.560E+04	5.207E+04	4.851E+04	6.84	4.851E+04	6.84		
16	1.630E+04	4.513E+04	4.341E+04	3.81	4.341E+04	3.81		
17	1.710E+04	3.997E+04	3.845E+04	3.81	3.845E+04	3.81		
18	1.790E+04	3.457E+04	3.423E+04	.98	3.423E+04	.98		
19	1.880E+04	3.045E+04	3.021E+04	.80	3.021E+04	.80		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1673	10	26A11	6	2.38E+01	2.38E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	3.401E+04	3.335E+04	1.93	3.335E+04	1.93		
2	1.137E+04	2.878E+04	2.794E+04	2.93	2.794E+04	2.93		
3	1.240E+04	3.598E+04	5.499E+04	-52.83	5.499E+04	-52.83		
4	1.362E+04	5.396E+04	4.288E+04	20.54	4.288E+04	20.54		
5	1.657E+04	4.611E+04	4.164E+04	9.69	4.164E+04	9.69		
6	1.749E+04	3.990E+04	3.631E+04	9.00	3.631E+04	9.00		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1674	11	26A11	8	4.72E+01	4.72E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.200E+04	1.400E+03	1.362E+03	2.74	1.362E+03	2.74		
2	6.530E+04	1.230E+03	1.193E+03	3.05	1.193E+03	3.05		
3	6.890E+04	1.079E+03	1.040E+03	3.58	1.040E+03	3.58		
4	7.290E+04	9.420E+02	9.020E+02	4.25	9.020E+02	4.25		
5	7.650E+04	8.600E+02	7.991E+02	7.08	7.991E+02	7.08		
6	8.270E+04	1.177E+03	2.737E+03	-132.55	2.737E+03	-132.55		
7	8.980E+04	1.962E+03	2.218E+03	-13.06	2.218E+03	-13.06		
8	9.540E+04	1.930E+03	1.902E+03	1.47	1.902E+03	1.47		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1675	17	26A11	10	3.93E+00	3.93E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.170E+04	2.273E+03	2.176E+03	4.27	2.176E+03	4.27		
2	5.640E+04	1.799E+03	1.737E+03	3.44	1.737E+03	3.44		
3	5.930E+04	1.593E+03	1.527E+03	4.17	1.527E+03	4.17		
4	6.700E+04	1.161E+03	1.117E+03	3.80	1.117E+03	3.80		
5	7.170E+04	9.880E+02	9.406E+02	4.80	9.406E+02	4.80		



6	7.560E+04	8.830E+02	8.232E+02	6.77	8.232E+02	6.77
7	8.550E+04	2.420E+03	2.514E+03	-3.88	2.514E+03	-3.88
8	8.860E+04	2.257E+03	2.296E+03	-1.71	2.296E+03	-1.71
9	9.180E+04	2.093E+03	2.097E+03	-.20	2.097E+03	-.20
10	9.840E+04	1.799E+03	1.758E+03	2.30	1.758E+03	2.30

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1676	19	59DE1	16	1.92E+00	1.92E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.098E+04	2.999E+04	3.051E+04	3.051E+04	-1.74	3.051E+04	-1.74	
2	1.249E+04	5.050E+04	5.393E+04	5.393E+04	-6.80	5.393E+04	-6.80	
3	1.339E+04	4.507E+04	4.483E+04	4.483E+04	.53	4.483E+04	.53	
4	1.496E+04	5.360E+04	5.392E+04	5.392E+04	-.60	5.392E+04	-.60	
5	1.577E+04	4.745E+04	4.720E+04	4.720E+04	.53	4.720E+04	.53	
6	1.748E+04	3.627E+04	3.636E+04	3.636E+04	-.25	3.636E+04	-.25	
7	1.767E+04	3.496E+04	3.537E+04	3.537E+04	-1.19	3.537E+04	-1.19	
8	1.961E+04	2.711E+04	2.712E+04	2.712E+04	-.03	2.712E+04	-.03	
9	2.021E+04	2.516E+04	2.510E+04	2.510E+04	.24	2.510E+04	.24	
10	2.216E+04	1.953E+04	1.980E+04	1.980E+04	-1.37	1.980E+04	-1.37	
11	2.272E+04	1.833E+04	1.856E+04	1.856E+04	-1.25	1.856E+04	-1.25	
12	2.494E+04	1.445E+04	1.457E+04	1.457E+04	-.84	1.457E+04	-.84	
13	2.527E+04	1.402E+04	1.408E+04	1.408E+04	-.44	1.408E+04	-.44	
14	2.848E+04	1.038E+04	1.031E+04	1.031E+04	.68	1.031E+04	.68	
15	2.919E+04	9.596E+03	9.668E+03	9.668E+03	-.75	9.668E+03	-.75	
16	3.049E+04	8.755E+03	8.628E+03	8.628E+03	1.45	8.628E+03	1.45	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1677	9	66BE1	8	2.77E+00	2.77E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	4.120E+04	3.864E+04	3.864E+04	6.22	3.864E+04	6.22	
2	1.250E+04	5.330E+04	5.382E+04	5.382E+04	-.97	5.382E+04	-.97	
3	1.500E+04	5.260E+04	5.356E+04	5.356E+04	-1.82	5.356E+04	-1.82	
4	2.000E+04	2.490E+04	2.578E+04	2.578E+04	-3.54	2.578E+04	-3.54	
5	2.500E+04	1.430E+04	1.448E+04	1.448E+04	-1.26	1.448E+04	-1.26	
6	3.000E+04	9.060E+03	9.001E+03	9.001E+03	.65	9.001E+03	.65	
7	3.500E+04	5.950E+03	6.017E+03	6.017E+03	-1.13	6.017E+03	-1.13	
8	4.000E+04	4.180E+03	4.246E+03	4.246E+03	-1.57	4.246E+03	-1.57	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1678	40	41LA1	37	3.87E+00	3.87E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	3.283E+04	3.375E+04	3.375E+04	-2.81	3.375E+04	-2.81	
2	1.123E+04	2.772E+04	2.883E+04	2.883E+04	-3.99	2.883E+04	-3.99	
3	1.340E+04	4.356E+04	4.474E+04	4.474E+04	-2.71	4.474E+04	-2.71	
4	1.416E+04	5.221E+04	5.372E+04	5.372E+04	-2.89	5.372E+04	-2.89	
5	1.495E+04	4.898E+04	5.401E+04	5.401E+04	-10.27	5.401E+04	-10.27	
6	1.578E+04	4.605E+04	4.712E+04	4.712E+04	-2.33	4.712E+04	-2.33	
7	1.662E+04	3.970E+04	4.133E+04	4.133E+04	-4.10	4.133E+04	-4.10	
8	1.748E+04	3.565E+04	3.636E+04	3.636E+04	-1.99	3.636E+04	-1.99	
9	1.927E+04	2.734E+04	2.836E+04	2.836E+04	-3.73	2.836E+04	-3.73	
10	2.021E+04	2.450E+04	2.510E+04	2.510E+04	-2.45	2.510E+04	-2.45	
11	2.117E+04	2.184E+04	2.228E+04	2.228E+04	-2.00	2.228E+04	-2.00	
12	2.215E+04	1.907E+04	1.982E+04	1.982E+04	-3.93	1.982E+04	-3.93	

13	2.316E+04	1.734E+04	1.766E+04	-1.84	1.766E+04	-1.84
14	2.419E+04	1.531E+04	1.577E+04	-3.03	1.577E+04	-3.03
15	2.524E+04	1.322E+04	1.412E+04	-6.84	1.412E+04	-6.84
16	2.633E+04	1.242E+04	1.265E+04	-1.87	1.265E+04	-1.87
17	2.743E+04	1.084E+04	1.137E+04	-4.90	1.137E+04	-4.90
18	2.857E+04	9.928E+03	1.023E+04	-2.99	1.023E+04	-2.99
19	3.091E+04	8.130E+03	8.325E+03	-2.40	8.325E+03	-2.40
20	3.212E+04	7.322E+03	7.531E+03	-2.85	7.531E+03	-2.85
21	3.336E+04	6.654E+03	6.821E+03	-2.51	6.821E+03	-2.51
22	3.463E+04	6.082E+03	6.187E+03	-1.72	6.187E+03	-1.72
23	3.583E+04	5.619E+03	5.660E+03	-.73	5.660E+03	-.73
24	3.724E+04	4.997E+03	5.117E+03	-2.41	5.117E+03	-2.41
25	3.999E+04	4.130E+03	4.248E+03	-2.87	4.248E+03	-2.87
26	5.734E+04	1.694E+03	1.665E+03	1.74	1.665E+03	1.74
27	5.895E+04	1.614E+03	1.550E+03	3.97	1.550E+03	3.97
28	6.062E+04	1.461E+03	1.443E+03	1.26	1.443E+03	1.26
29	6.450E+04	1.201E+03	1.231E+03	-2.47	1.231E+03	-2.47
30	6.637E+04	1.136E+03	1.144E+03	-.71	1.144E+03	-.71
31	6.838E+04	1.091E+03	1.061E+03	2.79	1.061E+03	2.79
32	7.024E+04	1.004E+03	9.908E+02	1.32	9.908E+02	1.32
33	7.229E+04	8.860E+02	9.213E+02	-3.99	9.213E+02	-3.99
34	7.433E+04	8.040E+02	8.590E+02	-6.84	8.590E+02	-6.84
35	7.639E+04	7.590E+02	8.020E+02	-5.67	8.020E+02	-5.67
36	9.150E+04	1.966E+03	2.115E+03	-7.56	2.115E+03	-7.56
37	9.693E+04	1.743E+03	1.826E+03	-4.77	1.826E+03	-4.77

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1679	21	60MA1	19	2.94E+00	2.94E+00		
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	3.990E+04	3.864E+04	3.864E+04	3.17	3.864E+04	3.17	
2	1.050E+04	3.600E+04	3.416E+04	3.416E+04	5.11	3.416E+04	5.11	
3	1.100E+04	3.240E+04	3.037E+04	3.037E+04	6.26	3.037E+04	6.26	
4	1.130E+04	2.880E+04	2.838E+04	2.838E+04	1.47	2.838E+04	1.47	
5	1.150E+04	2.820E+04	2.715E+04	2.715E+04	3.74	2.715E+04	3.74	
6	1.235E+04	5.560E+04	5.559E+04	5.559E+04	.02	5.559E+04	.02	
7	1.270E+04	5.400E+04	5.158E+04	5.158E+04	4.49	5.158E+04	4.49	
8	1.300E+04	4.810E+04	4.847E+04	4.847E+04	-.77	4.847E+04	-.77	
9	1.320E+04	4.740E+04	4.655E+04	4.655E+04	1.80	4.655E+04	1.80	
10	1.330E+04	4.510E+04	4.563E+04	4.563E+04	-1.18	4.563E+04	-1.18	
11	1.390E+04	5.890E+04	5.612E+04	5.612E+04	4.72	5.612E+04	4.72	
12	1.410E+04	5.400E+04	5.427E+04	5.427E+04	-.50	5.427E+04	-.50	
13	1.420E+04	5.230E+04	5.335E+04	5.335E+04	-2.02	5.335E+04	-2.02	
14	1.500E+04	5.400E+04	5.356E+04	5.356E+04	.82	5.356E+04	.82	
15	1.530E+04	5.270E+04	5.095E+04	5.095E+04	3.33	5.095E+04	3.33	
16	1.550E+04	5.000E+04	4.930E+04	4.930E+04	1.39	4.930E+04	1.39	
17	1.600E+04	4.550E+04	4.550E+04	4.550E+04	.00	4.550E+04	.00	
18	1.650E+04	4.150E+04	4.209E+04	4.209E+04	-1.43	4.209E+04	-1.43	
19	1.700E+04	3.990E+04	3.902E+04	3.902E+04	2.20	3.902E+04	2.20	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1680	2	74HA1	2	3.47E+00	3.47E+00		
	N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.003E+04	4.020E+04	3.835E+04	3.835E+04	4.61	3.835E+04	4.61	



2 1.439E+04 5.850E+04 5.947E+04 -1.66 5.947E+04 -1.66

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1681	25	33W01	25	6.29E+00	6.29E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.071E+04	3.375E+04	3.249E+04	3.249E+04	3.72	3.249E+04	3.72	
2	1.084E+04	3.038E+04	3.152E+04	3.152E+04	-3.75	3.152E+04	-3.75	
3	1.085E+04	3.195E+04	3.145E+04	3.145E+04	1.58	3.145E+04	1.58	
4	1.092E+04	2.806E+04	3.094E+04	3.094E+04	-10.26	3.094E+04	-10.26	
5	1.107E+04	3.022E+04	2.989E+04	2.989E+04	1.09	2.989E+04	1.09	
6	1.125E+04	2.796E+04	2.870E+04	2.870E+04	-2.63	2.870E+04	-2.63	
7	1.129E+04	2.871E+04	2.844E+04	2.844E+04	.94	2.844E+04	.94	
8	1.144E+04	2.594E+04	2.751E+04	2.751E+04	-6.04	2.751E+04	-6.04	
9	1.158E+04	2.901E+04	2.667E+04	2.667E+04	8.05	2.667E+04	8.05	
10	1.221E+04	5.769E+04	5.732E+04	5.732E+04	.64	5.732E+04	.64	
11	1.227E+04	5.645E+04	5.657E+04	5.657E+04	-.21	5.657E+04	-.21	
12	1.261E+04	5.498E+04	5.257E+04	5.257E+04	4.39	5.257E+04	4.39	
13	1.297E+04	5.059E+04	4.877E+04	4.877E+04	3.60	4.877E+04	3.60	
14	1.338E+04	4.356E+04	4.492E+04	4.492E+04	-3.12	4.492E+04	-3.12	
15	1.361E+04	4.569E+04	4.296E+04	4.296E+04	5.98	4.296E+04	5.98	
16	1.410E+04	6.201E+04	5.427E+04	5.427E+04	12.48	5.427E+04	12.48	
17	1.417E+04	6.338E+04	5.363E+04	5.363E+04	15.39	5.363E+04	15.39	
18	1.488E+04	5.759E+04	5.466E+04	5.466E+04	5.10	5.466E+04	5.10	
19	1.496E+04	5.501E+04	5.392E+04	5.392E+04	1.98	5.392E+04	1.98	
20	1.562E+04	5.266E+04	4.835E+04	4.835E+04	8.18	4.835E+04	8.18	
21	1.569E+04	5.043E+04	4.781E+04	4.781E+04	5.20	4.781E+04	5.20	
22	1.578E+04	5.066E+04	4.712E+04	4.712E+04	6.98	4.712E+04	6.98	
23	1.584E+04	5.017E+04	4.667E+04	4.667E+04	6.97	4.667E+04	6.97	
24	1.652E+04	4.517E+04	4.196E+04	4.196E+04	7.10	4.196E+04	7.10	
25	1.662E+04	4.095E+04	4.133E+04	4.133E+04	-.92	4.133E+04	-.92	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1682	1	65AL1	1	1.32E-01	1.32E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.440E+04	5.929E+04	5.937E+04	5.937E+04	-.13	5.937E+04	-.13	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1683	1	77SH1	1	3.47E+00	3.47E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.440E+04	6.150E+04	5.937E+04	5.937E+04	3.47	5.937E+04	3.47	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1684	1	22WI1	1	1.15E+01	1.15E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.740E+04	3.300E+04	3.679E+04	3.679E+04	-11.47	3.679E+04	-11.47	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
79	1685	6	14BR1	6	1.06E+01	1.06E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.016E+04	2.540E+04	2.526E+04	2.526E+04	.55	2.526E+04	.55	
2	2.152E+04	2.440E+04	2.135E+04	2.135E+04	12.49	2.135E+04	12.49	
3	2.238E+04	2.130E+04	1.930E+04	1.930E+04	9.40	1.930E+04	9.40	
4	2.309E+04	1.870E+04	1.780E+04	1.780E+04	4.82	1.780E+04	4.82	

5	2.440E+04	1.880E+04	1.542E+04	17.96	1.542E+04	17.96
6	2.525E+04	1.550E+04	1.411E+04	8.97	1.411E+04	8.97
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
79	1686	5	79PU1	4	6.29E+00	6.29E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.470E+04	1.647E+04	1.494E+04	9.28	1.494E+04	9.28
2	3.290E+04	7.415E+03	7.073E+03	4.61	7.073E+03	4.61
3	3.690E+04	5.480E+03	5.241E+03	4.36	5.241E+03	4.36
4	6.660E+04	1.202E+03	1.134E+03	5.65	1.134E+03	5.65
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
79	1687	3	69DE1	3	5.87E-01	5.87E-01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.494E+04	1.445E+04	1.457E+04	-.84	1.457E+04	-.84
2	3.000E+04	8.958E+03	9.001E+03	-.48	9.001E+03	-.48
3	4.000E+04	4.232E+03	4.246E+03	-.32	4.246E+03	-.32
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
79	1688	11	67MC1	8	3.11E+00	3.11E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	1.422E+04	1.448E+04	-1.83	1.448E+04	-1.83
2	3.004E+04	8.785E+03	8.970E+03	-2.10	8.970E+03	-2.10
3	4.004E+04	4.183E+03	4.235E+03	-1.23	4.235E+03	-1.23
4	5.008E+04	2.288E+03	2.364E+03	-3.30	2.364E+03	-3.30
5	6.003E+04	1.428E+03	1.479E+03	-3.59	1.479E+03	-3.59
6	7.004E+04	9.458E+02	9.980E+02	-5.51	9.980E+02	-5.51
7	8.499E+04	2.486E+03	2.553E+03	-2.68	2.553E+03	-2.68
8	8.992E+04	2.155E+03	2.211E+03	-2.58	2.211E+03	-2.58
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
79	1689	3	76RE1	3	3.85E+00	3.85E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.090E+04	8.180E+03	8.332E+03	-1.86	8.332E+03	-1.86
2	3.500E+04	5.660E+03	6.017E+03	-6.31	6.017E+03	-6.31
3	5.540E+04	1.800E+03	1.819E+03	-1.07	1.819E+03	-1.07
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
79	1690	8	34GR1	8	1.24E+01	1.24E+01
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.466E+04	5.894E+03	6.173E+03	-4.73	6.173E+03	-4.73
2	6.067E+04	1.338E+03	1.439E+03	-7.59	1.439E+03	-7.59
3	6.642E+04	1.043E+03	1.142E+03	-9.48	1.142E+03	-9.48
4	6.843E+04	9.450E+02	1.059E+03	-12.02	1.059E+03	-12.02
5	7.029E+04	8.740E+02	9.890E+02	-13.16	9.890E+02	-13.16
6	7.234E+04	7.920E+02	9.197E+02	-16.12	9.197E+02	-16.12
7	7.644E+04	6.970E+02	8.007E+02	-14.88	8.007E+02	-14.88
8	9.700E+04	1.572E+03	1.823E+03	-15.96	1.823E+03	-15.96
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
79	1691	9	26RI1	9	6.16E+00	6.16E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.820E+04	4.677E+03	4.788E+03	-2.38	4.788E+03	-2.38

2	4.130E+04	3.670E+03	3.906E+03	-6.42	3.906E+03	-6.42
3	4.510E+04	2.764E+03	3.104E+03	-12.31	3.104E+03	-12.31
4	4.980E+04	2.355E+03	2.398E+03	-1.83	2.398E+03	-1.83
5	5.510E+04	1.668E+03	1.845E+03	-10.61	1.845E+03	-10.61
6	6.200E+04	1.325E+03	1.362E+03	-2.76	1.362E+03	-2.76
7	6.920E+04	1.020E+03	1.029E+03	-.88	1.029E+03	-.88
8	7.910E+04	7.620E+02	7.351E+02	3.53	7.351E+02	3.53
9	8.460E+04	2.649E+03	2.583E+03	2.50	2.583E+03	2.50

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1692	17	77CH1	12	6.73E+00	6.73E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.000E+04	4.138E+03	4.246E+03	-2.60	4.246E+03	-2.60	
2	4.997E+04	2.196E+03	2.377E+03	-8.24	2.377E+03	-8.24	
3	6.362E+04	1.475E+03	1.275E+03	13.59	1.275E+03	13.59	
4	6.994E+04	9.540E+02	1.002E+03	-4.99	1.002E+03	-4.99	
5	7.693E+04	7.480E+02	7.880E+02	-5.35	7.880E+02	-5.35	
6	7.892E+04	7.290E+02	7.393E+02	-1.41	7.393E+02	-1.41	
7	7.992E+04	7.260E+02	7.164E+02	1.32	7.164E+02	1.32	
8	8.042E+04	8.180E+02	7.054E+02	13.76	7.054E+02	13.76	
9	8.142E+04	2.712E+03	2.849E+03	-5.03	2.849E+03	-5.03	
10	8.191E+04	2.717E+03	2.805E+03	-3.24	2.805E+03	-3.24	
11	8.341E+04	2.647E+03	2.678E+03	-1.17	2.678E+03	-1.17	
12	9.139E+04	2.108E+03	2.121E+03	-.63	2.121E+03	-.63	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1693	10	62W11	8	5.35E+00	5.35E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	4.012E+04	4.154E+03	4.213E+03	-1.41	4.213E+03	-1.41	
2	4.298E+04	3.434E+03	3.520E+03	-2.49	3.520E+03	-2.49	
3	4.540E+04	3.015E+03	3.051E+03	-1.20	3.051E+03	-1.20	
4	5.752E+04	1.629E+03	1.651E+03	-1.36	1.651E+03	-1.36	
5	6.787E+04	9.520E+02	1.081E+03	-13.54	1.081E+03	-13.54	
6	7.081E+04	9.420E+02	9.707E+02	-3.05	9.707E+02	-3.05	
7	8.026E+04	7.460E+02	7.089E+02	4.97	7.089E+02	4.97	
8	8.654E+04	2.437E+03	2.438E+03	-.02	2.438E+03	-.02	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1694	2	76G01	2	3.11E+00	3.11E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.220E+04	2.043E+03	2.122E+03	-3.88	2.122E+03	-3.88	
2	8.430E+04	2.661E+03	2.606E+03	2.05	2.606E+03	2.05	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1695	1	73RA2	1	3.85E+00	3.85E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	5.960E+04	1.451E+03	1.507E+03	-3.85	1.507E+03	-3.85	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1696	2	79CE1	1	4.60E-01	4.60E-01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	6.000E+04	1.488E+03	1.481E+03	.46	1.481E+03	.46	



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1697	1	68GH1	1	1.26E+01	1.26E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.045E+04	8.730E+02		9.833E+02	-12.64	9.833E+02	-12.64

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1698	1	74G01	1	3.79E+00	3.79E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	7.210E+04	9.640E+02		9.275E+02	3.79	9.275E+02	3.79

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1699	2	59BE1	1	2.49E+01	2.49E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.072E+04	9.305E+02		6.989E+02	24.89	6.989E+02	24.89

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	1701	9	70C01	1	1.69E+00	1.69E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	2.291E+03		2.330E+03	-1.69	2.330E+03	-1.69

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
79	2043	6	83LI01	4	5.91E+00	5.91E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	7.347E+03		7.543E+03	-2.67	7.543E+03	-2.67
2	5.200E+04	2.160E+03		2.144E+03	.76	2.144E+03	.76
3	7.210E+04	8.350E+02		9.275E+02	-11.07	9.275E+02	-11.07
4	8.430E+04	2.529E+03		2.606E+03	-3.06	2.606E+03	-3.06

IZ= 80

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
80	1709	19	31UB1	14	1.04E+01	1.04E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.030E+04	3.797E+04		3.775E+04	.58	3.775E+04	.58
2	1.130E+04	2.998E+04		2.988E+04	.34	2.988E+04	.34
3	1.190E+04	2.648E+04		2.622E+04	.98	2.622E+04	.98
4	1.228E+04	2.481E+04		2.422E+04	2.38	2.422E+04	2.38
5	1.270E+04	5.529E+04		5.421E+04	1.96	5.421E+04	1.96
6	1.320E+04	4.996E+04		4.889E+04	2.14	4.889E+04	2.14
7	1.380E+04	4.463E+04		4.346E+04	2.62	4.346E+04	2.62
8	1.421E+04	4.080E+04		5.538E+04	-35.72	5.538E+04	-35.72
9	1.440E+04	5.496E+04		5.375E+04	2.20	5.375E+04	2.20
10	1.480E+04	5.196E+04		5.033E+04	3.13	5.033E+04	3.13
11	1.484E+04	5.163E+04		5.767E+04	-11.69	5.767E+04	-11.69
12	1.510E+04	5.695E+04		5.499E+04	3.45	5.499E+04	3.45
13	1.590E+04	5.029E+04		4.793E+04	4.68	4.793E+04	4.68
14	1.680E+04	4.430E+04		4.164E+04	6.01	4.164E+04	6.01

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
80	2084	7	84RA01	4	7.13E+00	7.13E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	8.138E+03		7.928E+03	2.58	7.928E+03	2.58



2	5.200E+04	2.228E+03	2.258E+03	-1.32	2.258E+03	-1.32
3	7.300E+04	8.320E+02	9.467E+02	-13.78	9.467E+02	-13.78
4	8.420E+04	2.668E+03	2.726E+03	-2.19	2.726E+03	-2.19

IZ= 81

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
81	1421	17	38MU1	17	2.53E+00	2.53E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.577E+04	5.246E+04	5.171E+04	1.42	5.171E+04	1.42		
2	1.748E+04	4.164E+04	3.991E+04	4.15	3.991E+04	4.15		
3	2.021E+04	2.872E+04	2.763E+04	3.80	2.763E+04	3.80		
4	2.118E+04	2.457E+04	2.451E+04	.26	2.451E+04	.26		
5	2.317E+04	1.937E+04	1.945E+04	-.40	1.945E+04	-.40		
6	2.527E+04	1.610E+04	1.553E+04	3.52	1.553E+04	3.52		
7	2.747E+04	1.261E+04	1.250E+04	.85	1.250E+04	.85		
8	3.097E+04	9.651E+03	9.149E+03	5.20	9.149E+03	5.20		
9	3.472E+04	7.045E+03	6.795E+03	3.56	6.795E+03	3.56		
10	4.012E+04	4.730E+03	4.664E+03	1.40	4.664E+03	1.40		
11	5.236E+04	2.357E+03	2.334E+03	.97	2.334E+03	.97		
12	5.752E+04	1.885E+03	1.831E+03	2.88	1.831E+03	2.88		
13	6.113E+04	1.587E+03	1.565E+03	1.37	1.565E+03	1.37		
14	6.682E+04	1.221E+03	1.247E+03	-2.09	1.247E+03	-2.09		
15	7.082E+04	1.087E+03	1.075E+03	1.08	1.075E+03	1.08		
16	7.496E+04	9.183E+02	9.316E+02	-1.45	9.316E+02	-1.45		
17	7.710E+04	8.585E+02	8.681E+02	-1.11	8.681E+02	-1.11		

IZ= 82

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	147	27	70OR1	7	1.69E+00	1.69E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.055E+04	3.977E+04	3.928E+04	1.22	3.928E+04	1.22		
2	1.083E+04	3.757E+04	3.678E+04	2.11	3.678E+04	2.11		
3	1.190E+04	2.910E+04	2.901E+04	.31	2.901E+04	.31		
4	1.261E+04	2.480E+04	2.507E+04	-1.07	2.507E+04	-1.07		
5	1.383E+04	4.823E+04	4.758E+04	1.34	4.758E+04	1.34		
6	1.493E+04	3.970E+04	3.886E+04	2.12	3.886E+04	2.12		
7	1.673E+04	4.782E+04	4.660E+04	2.56	4.660E+04	2.56		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	148	57	26AL1	40	2.68E+01	2.68E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.060E+04	4.128E+04	3.882E+04	5.96	3.882E+04	5.96		
2	1.137E+04	3.371E+04	3.254E+04	3.48	3.254E+04	3.48		
3	1.240E+04	2.649E+04	2.615E+04	1.28	2.615E+04	1.28		
4	1.362E+04	5.160E+04	4.957E+04	3.93	4.957E+04	3.93		
5	1.657E+04	4.988E+04	4.773E+04	4.30	4.773E+04	4.30		
6	1.746E+04	4.816E+04	4.186E+04	13.08	4.186E+04	13.08		
7	1.970E+04	3.475E+04	3.088E+04	11.15	3.088E+04	11.15		
8	2.480E+04	1.995E+04	1.710E+04	14.29	1.710E+04	14.29		

9	2.560E+04	1.823E+04	1.575E+04	13.61	1.575E+04	13.61
10	2.700E+04	1.600E+04	1.372E+04	14.27	1.372E+04	14.27
11	2.710E+04	1.582E+04	1.359E+04	14.13	1.359E+04	14.13
12	2.760E+04	1.496E+04	1.295E+04	13.40	1.295E+04	13.40
13	2.820E+04	1.417E+04	1.225E+04	13.54	1.225E+04	13.54
14	2.880E+04	1.342E+04	1.160E+04	13.57	1.160E+04	13.57
15	2.950E+04	1.256E+04	1.090E+04	13.24	1.090E+04	13.24
16	3.100E+04	1.095E+04	9.579E+03	12.52	9.579E+03	12.52
17	3.260E+04	9.358E+03	8.405E+03	10.18	8.405E+03	10.18
18	3.440E+04	7.913E+03	7.311E+03	7.61	7.311E+03	7.61
19	3.650E+04	6.777E+03	6.268E+03	7.51	6.268E+03	7.51
20	3.870E+04	5.573E+03	5.384E+03	3.39	5.384E+03	3.39
21	4.130E+04	4.679E+03	4.547E+03	2.82	4.547E+03	2.82
22	4.430E+04	3.956E+03	3.789E+03	4.22	3.789E+03	4.22
23	4.770E+04	3.268E+03	3.126E+03	4.33	3.126E+03	4.33
24	5.170E+04	2.546E+03	2.537E+03	.36	2.537E+03	.36
25	5.640E+04	2.030E+03	2.026E+03	.21	2.026E+03	.21
26	5.930E+04	1.841E+03	1.780E+03	3.29	1.780E+03	3.29
27	6.200E+04	1.596E+03	1.588E+03	.50	1.588E+03	.50
28	6.390E+04	1.514E+03	1.470E+03	2.92	1.470E+03	2.92
29	6.530E+04	1.376E+03	1.391E+03	-1.06	1.391E+03	-1.06
30	6.700E+04	1.325E+03	1.302E+03	1.70	1.302E+03	1.70
31	6.890E+04	1.211E+03	1.213E+03	-.16	1.213E+03	-.16
32	7.170E+04	1.118E+03	1.096E+03	1.93	1.096E+03	1.93
33	7.290E+04	1.066E+03	1.051E+03	1.37	1.051E+03	1.37
34	7.650E+04	9.560E+02	9.311E+02	2.60	9.311E+02	2.60
35	7.750E+04	9.290E+02	9.013E+02	2.99	9.013E+02	2.99
36	8.210E+04	8.430E+02	7.803E+02	7.43	7.803E+02	7.43
37	8.270E+04	8.150E+02	7.663E+02	5.97	7.663E+02	5.97
38	8.980E+04	9.980E+02	2.511E+03	-151.57	2.511E+03	-151.57
39	9.540E+04	1.376E+03	2.152E+03	-56.38	2.152E+03	-56.38
40	9.840E+04	1.799E+03	1.989E+03	-10.56	1.989E+03	-10.56

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	149	17	36SE1	14	3.16E+00	3.16E+00
N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	4.139E+04	3.928E+04	5.09	3.928E+04	5.09
2	1.193E+04	2.948E+04	2.883E+04	2.22	2.883E+04	2.22
3	1.340E+04	5.264E+04	5.179E+04	1.62	5.179E+04	1.62
4	1.416E+04	4.572E+04	4.468E+04	2.27	4.468E+04	2.27
5	1.495E+04	3.929E+04	3.872E+04	1.45	3.872E+04	1.45
6	1.578E+04	4.686E+04	4.679E+04	.14	4.679E+04	.14
7	1.662E+04	4.586E+04	4.737E+04	-3.30	4.737E+04	-3.30
8	2.117E+04	2.542E+04	2.570E+04	-1.12	2.570E+04	-1.12
9	2.316E+04	2.030E+04	2.041E+04	-.53	2.041E+04	-.53
10	3.091E+04	9.000E+03	9.652E+03	-7.24	9.652E+03	-7.24
11	3.463E+04	7.355E+03	7.185E+03	2.31	7.185E+03	2.31
12	6.062E+04	1.672E+03	1.682E+03	-.62	1.682E+03	-.62
13	7.024E+04	1.104E+03	1.155E+03	-4.63	1.155E+03	-4.63
14	7.639E+04	9.598E+02	9.345E+02	2.64	9.345E+02	2.64

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	150	20	69DE1	14	1.10E+00	1.10E+00



N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	4.503E+04	4.495E+04	.18	4.495E+04	.18
2	1.250E+04	2.517E+04	2.563E+04	-1.81	2.563E+04	-1.81
3	1.350E+04	5.105E+04	5.076E+04	.56	5.076E+04	.56
4	1.450E+04	4.228E+04	4.196E+04	.76	4.196E+04	.76
5	1.500E+04	3.863E+04	3.839E+04	.63	3.839E+04	.63
6	1.550E+04	4.937E+04	4.882E+04	1.12	4.882E+04	1.12
7	1.650E+04	4.847E+04	4.824E+04	.47	4.824E+04	.47
8	2.000E+04	2.987E+04	2.971E+04	.52	2.971E+04	.52
9	2.494E+04	1.675E+04	1.685E+04	-.61	1.685E+04	-.61
10	2.500E+04	1.660E+04	1.675E+04	-.89	1.675E+04	-.89
11	3.000E+04	1.029E+04	1.043E+04	-1.37	1.043E+04	-1.37
12	3.500E+04	6.991E+03	6.990E+03	.02	6.990E+03	.02
13	4.000E+04	4.871E+03	4.941E+03	-1.44	4.941E+03	-1.44
14	5.931E+04	1.739E+03	1.780E+03	-2.33	1.780E+03	-2.33

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	151	13	74PAL	7	2.50E+00	2.50E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.390E+04	4.812E+04	4.695E+04	2.44	4.695E+04	2.44
2	1.780E+04	4.096E+04	3.988E+04	2.63	3.988E+04	2.63
3	2.080E+04	2.790E+04	2.689E+04	3.62	2.689E+04	3.62
4	2.640E+04	1.512E+04	1.454E+04	3.83	1.454E+04	3.83
5	3.210E+04	8.770E+03	8.750E+03	.23	8.750E+03	.23
6	5.960E+04	1.745E+03	1.757E+03	-.71	1.757E+03	-.71
7	9.730E+04	2.015E+03	2.047E+03	-1.57	2.047E+03	-1.57

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	152	10	32KU1	9	4.59E+00	4.59E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.123E+04	3.248E+04	3.357E+04	-3.35	3.357E+04	-3.35
2	1.193E+04	2.776E+04	2.883E+04	-3.84	2.883E+04	-3.84
3	1.340E+04	4.930E+04	5.179E+04	-5.05	5.179E+04	-5.05
4	1.416E+04	4.273E+04	4.468E+04	-4.57	4.468E+04	-4.57
5	1.495E+04	3.639E+04	3.872E+04	-6.41	3.872E+04	-6.41
6	1.578E+04	4.515E+04	4.679E+04	-3.64	4.679E+04	-3.64
7	1.662E+04	4.471E+04	4.737E+04	-5.96	4.737E+04	-5.96
8	1.748E+04	4.032E+04	4.174E+04	-3.53	4.174E+04	-3.53
9	2.020E+04	2.790E+04	2.897E+04	-3.84	2.897E+04	-3.84

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	153	1	77SH1	1	5.56E+00	5.56E+00

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.440E+04	4.525E+04	4.273E+04	5.56	4.273E+04	5.56

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	154	1	22W11	1	2.07E+01	2.07E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.740E+04	3.499E+04	4.223E+04	-20.68	4.223E+04	-20.68

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR
82	155	18	21R11	18	1.39E+01	1.39E+01

N	E	ATEX	ATTHS	PES	ATTHSR	PESR

1	2.250E+04	2.511E+04	2.198E+04	12.45	2.198E+04	12.45
2	2.460E+04	2.092E+04	1.746E+04	16.53	1.746E+04	16.53
3	2.590E+04	1.892E+04	1.528E+04	19.24	1.528E+04	19.24
4	2.740E+04	1.617E+04	1.320E+04	18.35	1.320E+04	18.35
5	2.880E+04	1.424E+04	1.160E+04	18.55	1.160E+04	18.55
6	2.970E+04	1.304E+04	1.071E+04	17.89	1.071E+04	17.89
7	3.060E+04	1.187E+04	9.908E+03	16.53	9.908E+03	16.53
8	3.150E+04	1.097E+04	9.189E+03	16.24	9.189E+03	16.24
9	3.250E+04	9.977E+03	8.473E+03	15.08	8.473E+03	15.08
10	3.370E+04	9.048E+03	7.711E+03	14.77	7.711E+03	14.77
11	3.480E+04	8.154E+03	7.094E+03	13.00	7.094E+03	13.00
12	3.730E+04	6.640E+03	5.925E+03	10.77	5.925E+03	10.77
13	4.020E+04	5.332E+03	4.877E+03	8.53	4.877E+03	8.53
14	4.380E+04	4.128E+03	3.902E+03	5.47	3.902E+03	5.47
15	4.800E+04	3.217E+03	3.076E+03	4.39	3.076E+03	4.39
16	5.300E+04	2.408E+03	2.379E+03	1.21	2.379E+03	1.21
17	5.930E+04	1.758E+03	1.780E+03	-1.27	1.780E+03	-1.27
18	6.740E+04	1.101E+03	1.283E+03	-16.51	1.283E+03	-16.51

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	156	5	79PU1	4	5.55E+00	5.55E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.470E+04	1.874E+04	1.728E+04	7.79	1.728E+04	7.79		
2	3.290E+04	8.642E+03	8.208E+03	5.03	8.208E+03	5.03		
3	3.690E+04	6.420E+03	6.093E+03	5.09	6.093E+03	5.09		
4	6.660E+04	1.368E+03	1.322E+03	3.33	1.322E+03	3.33		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	157	10	67ME1	8	3.48E+00	3.48E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	1.747E+04	1.675E+04	4.14	1.675E+04	4.14		
2	3.004E+04	1.087E+04	1.039E+04	4.37	1.039E+04	4.37		
3	4.004E+04	5.126E+03	4.928E+03	3.86	4.928E+03	3.86		
4	5.008E+04	2.734E+03	2.755E+03	-.77	2.755E+03	-.77		
5	6.003E+04	1.677E+03	1.725E+03	-2.88	1.725E+03	-2.88		
6	7.004E+04	1.118E+03	1.163E+03	-4.07	1.163E+03	-4.07		
7	7.996E+04	7.975E+02	8.335E+02	-4.51	8.335E+02	-4.51		
8	9.400E+04	2.223E+03	2.234E+03	-.51	2.234E+03	-.51		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	158	1	72SA1	1	7.44E-01	7.44E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.580E+04	1.555E+04	1.543E+04	.74	1.543E+04	.74		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	159	14	77MU1	4	7.14E-01	7.14E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.085E+04	9.770E+03	9.700E+03	.71	9.700E+03	.71		
2	4.571E+04	3.450E+03	3.492E+03	-1.23	3.492E+03	-1.23		
3	8.100E+04	8.080E+02	8.070E+02	.12	8.070E+02	.12		
4	8.679E+04	6.800E+02	6.800E+02	.00	6.800E+02	.00		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
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82	160	3	76RE1	3	2.26E+00	2.26E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.090E+04	9.430E+03	9.660E+03	-2.44	9.660E+03	-2.44		
2	3.590E+04	6.500E+03	6.544E+03	-.67	6.544E+03	-.67		
3	5.540E+04	2.060E+03	2.122E+03	-2.99	2.122E+03	-2.99		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	161	5	67KN1	4	8.42E+00	8.42E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.264E+04	7.190E+03	8.379E+03	-16.53	8.379E+03	-16.53		
2	4.153E+04	4.576E+03	4.482E+03	2.06	4.482E+03	2.06		
3	6.817E+04	1.228E+03	1.246E+03	-1.49	1.246E+03	-1.49		
4	7.950E+04	8.290E+02	8.456E+02	-2.00	8.456E+02	-2.00		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	162	1	73AL1	1	9.44E+00	9.44E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.288E+04	9.078E+03	8.221E+03	9.44	8.221E+03	9.44		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	163	15	41LA1	15	3.21E+00	3.21E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.583E+04	6.523E+03	6.577E+03	-.83	6.577E+03	-.83		
2	3.724E+04	5.869E+03	5.950E+03	-1.37	5.950E+03	-1.37		
3	3.999E+04	4.905E+03	4.944E+03	-.80	4.944E+03	-.80		
4	5.734E+04	1.989E+03	1.941E+03	2.40	1.941E+03	2.40		
5	5.895E+04	1.861E+03	1.808E+03	2.87	1.808E+03	2.87		
6	6.062E+04	1.635E+03	1.682E+03	-2.90	1.682E+03	-2.90		
7	6.450E+04	1.424E+03	1.435E+03	-.78	1.435E+03	-.78		
8	6.637E+04	1.317E+03	1.334E+03	-1.30	1.334E+03	-1.30		
9	6.828E+04	1.225E+03	1.241E+03	-1.32	1.241E+03	-1.32		
10	7.024E+04	1.150E+03	1.155E+03	-.44	1.155E+03	-.44		
11	7.229E+04	1.068E+03	1.074E+03	-.55	1.074E+03	-.55		
12	7.433E+04	9.949E+02	1.001E+03	-.62	1.001E+03	-.62		
13	7.639E+04	9.209E+02	9.345E+02	-1.48	9.345E+02	-1.48		
14	9.150E+04	2.188E+03	2.393E+03	-9.38	2.393E+03	-9.38		
15	9.693E+04	1.953E+03	2.066E+03	-5.81	2.066E+03	-5.81		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	164	17	62WI1	12	5.95E+00	5.95E+00		
N	E		ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.952E+04	4.885E+03	5.099E+03	-4.37	5.099E+03	-4.37		
2	4.012E+04	4.610E+03	4.903E+03	-6.35	4.903E+03	-6.35		
3	4.153E+04	4.335E+03	4.482E+03	-3.38	4.482E+03	-3.38		
4	4.298E+04	3.887E+03	4.099E+03	-5.45	4.099E+03	-5.45		
5	4.540E+04	3.399E+03	3.555E+03	-4.58	3.555E+03	-4.58		
6	5.000E+04	2.566E+03	2.767E+03	-7.82	2.767E+03	-7.82		
7	5.752E+04	1.834E+03	1.926E+03	-5.00	1.926E+03	-5.00		
8	6.787E+04	1.300E+03	1.260E+03	3.05	1.260E+03	3.05		
9	6.884E+04	1.128E+03	1.216E+03	-7.77	1.216E+03	-7.77		
10	7.081E+04	1.056E+03	1.132E+03	-7.16	1.132E+03	-7.16		
11	8.026E+04	7.775E+02	8.257E+02	-6.20	8.257E+02	-6.20		
12	8.654E+04	6.364E+02	6.848E+02	-7.61	6.848E+02	-7.61		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	165	10	26RI1	7	5.13E+00	5.13E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.130E+04	4.672E+03	4.547E+03	2.68	4.547E+03	2.68		
2	4.970E+04	2.804E+03	2.810E+03	-.22	2.810E+03	-.22		
3	6.170E+04	1.548E+03	1.608E+03	-3.87	1.608E+03	-3.87		
4	7.280E+04	1.204E+03	1.055E+03	12.37	1.055E+03	12.37		
5	7.690E+04	9.290E+02	9.190E+02	1.07	9.190E+02	1.07		
6	8.240E+04	7.740E+02	7.733E+02	.09	7.733E+02	.09		
7	9.530E+04	2.219E+03	2.158E+03	2.77	2.158E+03	2.77		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	166	11	16HU1	9	3.32E+01	3.32E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.220E+04	3.820E+03	4.299E+03	-12.54	4.299E+03	-12.54		
2	5.060E+04	2.300E+03	2.682E+03	-16.62	2.682E+03	-16.62		
3	5.610E+04	1.590E+03	2.054E+03	-29.18	2.054E+03	-29.18		
4	5.960E+04	1.270E+03	1.757E+03	-38.38	1.757E+03	-38.38		
5	6.330E+04	1.170E+03	1.506E+03	-28.70	1.506E+03	-28.70		
6	6.740E+04	9.320E+02	1.283E+03	-37.64	1.283E+03	-37.64		
7	7.210E+04	7.980E+02	1.081E+03	-35.48	1.081E+03	-35.48		
8	7.750E+04	6.260E+02	9.013E+02	-43.97	9.013E+02	-43.97		
9	8.430E+04	5.160E+02	7.307E+02	-41.62	7.307E+02	-41.62		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	167	2	76G01	2	3.12E+00	3.12E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.220E+04	2.374E+03	2.474E+03	-4.23	2.474E+03	-4.23		
2	8.430E+04	7.400E+02	7.307E+02	1.25	7.307E+02	1.25		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	168	1	34HA1	1	2.04E+00	2.04E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.931E+04	1.744E+03	1.780E+03	-2.04	1.780E+03	-2.04		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	169	12	36J01	2	1.63E+00	1.63E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	1.757E+03	1.780E+03	-1.33	1.780E+03	-1.33		
2	9.520E+04	2.205E+03	2.163E+03	1.89	2.163E+03	1.89		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	170	3	73RA2	1	5.87E+00	5.87E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.960E+04	1.660E+03	1.757E+03	-5.87	1.757E+03	-5.87		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	171	2	79CE1	1	1.61E+00	1.61E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.000E+04	1.700E+03	1.727E+03	-1.61	1.727E+03	-1.61		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		



82	172	11	73RA1	1	4.06E+00	4.06E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.000E+04	1.660E+03	1.727E+03	-4.06	1.727E+03	-4.06		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	173	7	34GR1	7	1.11E+01	1.11E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	6.067E+04	1.626E+03	1.679E+03	-3.25	1.679E+03	-3.25		
2	6.642E+04	1.281E+03	1.332E+03	-3.95	1.332E+03	-3.95		
3	6.843E+04	1.206E+03	1.234E+03	-2.34	1.234E+03	-2.34		
4	7.029E+04	1.137E+03	1.153E+03	-1.41	1.153E+03	-1.41		
5	7.234E+04	1.059E+03	1.072E+03	-1.23	1.072E+03	-1.23		
6	7.644E+04	9.464E+02	9.330E+02	1.42	9.330E+02	1.42		
7	9.700E+04	1.602E+03	2.063E+03	-28.76	2.063E+03	-28.76		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	174	1	76G01	1	3.82E+00	3.82E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.210E+04	1.124E+03	1.081E+03	3.82	1.081E+03	3.82		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	175	1	68GH1	1	7.80E+00	7.80E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.674E+04	8.570E+02	9.238E+02	-7.80	9.238E+02	-7.80		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	176	6	73G03	1	3.75E-01	3.75E-01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.400E+04	7.400E+02	7.372E+02	.37	7.372E+02	.37		
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
82	177	21	60BE1	21	2.80E+01	2.80E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	8.782E+04	8.080E+02	6.605E+02	18.25	6.605E+02	18.25		
2	8.783E+04	7.910E+02	6.603E+02	16.52	6.603E+02	16.52		
3	8.785E+04	7.910E+02	6.599E+02	16.57	6.599E+02	16.57		
4	8.787E+04	7.570E+02	6.596E+02	12.87	6.596E+02	12.87		
5	8.788E+04	8.080E+02	6.594E+02	18.39	6.594E+02	18.39		
6	8.790E+04	9.290E+02	6.590E+02	29.06	6.590E+02	29.06		
7	8.792E+04	9.290E+02	6.587E+02	29.10	6.587E+02	29.10		
8	8.794E+04	9.800E+02	6.583E+02	32.83	6.583E+02	32.83		
9	8.795E+04	1.066E+03	6.581E+02	38.26	6.581E+02	38.26		
10	8.797E+04	1.221E+03	6.577E+02	46.13	6.577E+02	46.13		
11	8.799E+04	1.548E+03	6.574E+02	57.53	6.574E+02	57.53		
12	8.800E+04	1.720E+03	6.572E+02	61.79	6.572E+02	61.79		
13	8.802E+04	2.099E+03	2.643E+03	-25.89	2.643E+03	-25.89		
14	8.804E+04	2.202E+03	2.641E+03	-19.94	2.641E+03	-19.94		
15	8.806E+04	2.357E+03	2.639E+03	-11.98	2.639E+03	-11.98		
16	8.807E+04	2.357E+03	2.639E+03	-11.95	2.639E+03	-11.95		
17	8.809E+04	2.408E+03	2.637E+03	-9.52	2.637E+03	-9.52		
18	8.811E+04	2.494E+03	2.636E+03	-5.68	2.636E+03	-5.68		
19	8.813E+04	2.477E+03	2.634E+03	-6.34	2.634E+03	-6.34		
20	8.814E+04	2.425E+03	2.633E+03	-8.59	2.633E+03	-8.59		

21	8.816E+04	2.494E+03	2.632E+03	-5.53	2.632E+03	-5.53	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
82	178	9	70CO1	1	1.66E+01	1.66E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	2.262E+03	2.637E+03	-16.59	2.637E+03	-16.59	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
82	179	2	73RA3	1	2.81E+00	2.81E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+05	1.857E+03	1.909E+03	-2.81	1.909E+03	-2.81	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
82	2044	6	83LI01	4	4.65E+00	4.65E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	8.427E+03	8.750E+03	-3.83	8.750E+03	-3.83	
2	5.200E+04	2.407E+03	2.499E+03	-3.83	2.499E+03	-3.83	
3	7.210E+04	1.006E+03	1.081E+03	-7.46	1.081E+03	-7.46	
4	8.430E+04	7.400E+02	7.307E+02	1.25	7.307E+02	1.25	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
82	2085	7	84RA01	4	2.44E+00	2.44E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	8.667E+03	8.750E+03	-.95	8.750E+03	-.95	
2	5.200E+04	2.514E+03	2.499E+03	.59	2.499E+03	.59	
3	7.300E+04	1.094E+03	1.048E+03	4.23	1.048E+03	4.23	
4	8.420E+04	7.490E+02	7.329E+02	2.15	7.329E+02	2.15	

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ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
83	1730	18	36SC1	14	2.46E+00	2.46E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.055E+04	4.192E+04	4.125E+04	1.59	4.125E+04	1.59	
2	1.193E+04	3.106E+04	3.029E+04	2.49	3.029E+04	2.49	
3	1.340E+04	2.228E+04	2.260E+04	-1.46	2.260E+04	-1.46	
4	1.416E+04	4.705E+04	4.689E+04	.34	4.689E+04	.34	
5	1.495E+04	4.008E+04	4.059E+04	-1.27	4.059E+04	-1.27	
6	1.578E+04	4.671E+04	4.864E+04	-4.13	4.864E+04	-4.13	
7	1.662E+04	4.917E+04	4.949E+04	-.66	4.949E+04	-.66	
8	1.748E+04	4.299E+04	4.362E+04	-1.45	4.362E+04	-1.45	
9	2.117E+04	2.665E+04	2.689E+04	-.89	2.689E+04	-.89	
10	2.743E+04	1.367E+04	1.380E+04	-.92	1.380E+04	-.92	
11	4.001E+04	5.094E+03	5.186E+03	-1.80	5.186E+03	-1.80	
12	6.062E+04	1.811E+03	1.769E+03	2.33	1.769E+03	2.33	
13	7.024E+04	1.280E+03	1.214E+03	5.13	1.214E+03	5.13	
14	7.639E+04	1.023E+03	9.824E+02	3.97	9.824E+02	3.97	
ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
83	1731	19	34CA1	16	1.32E+01	1.32E+01	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.030E+04	4.310E+04	4.381E+04	-1.66	4.381E+04	-1.66	



2	1.110E+04	3.470E+04	3.631E+04	-4.63	3.631E+04	-4.63
3	1.224E+04	2.750E+04	2.839E+04	-3.25	2.839E+04	-3.25
4	1.300E+04	2.066E+04	2.440E+04	-18.09	2.440E+04	-18.09
5	1.338E+04	1.656E+04	2.269E+04	-37.02	2.269E+04	-37.02
6	1.350E+04	5.056E+04	5.328E+04	-5.37	5.328E+04	-5.37
7	1.416E+04	4.133E+04	4.689E+04	-13.45	4.689E+04	-13.45
8	1.480E+04	3.640E+04	4.169E+04	-14.53	4.169E+04	-14.53
9	1.569E+04	3.093E+04	3.576E+04	-15.62	3.576E+04	-15.62
10	1.578E+04	4.716E+04	4.864E+04	-3.13	4.864E+04	-3.13
11	1.590E+04	4.605E+04	4.779E+04	-3.77	4.779E+04	-3.77
12	1.620E+04	4.230E+04	4.574E+04	-8.13	4.574E+04	-8.13
13	1.643E+04	4.702E+04	5.094E+04	-8.34	5.094E+04	-8.34
14	1.660E+04	4.462E+04	4.964E+04	-11.26	4.964E+04	-11.26
15	1.748E+04	4.088E+04	4.362E+04	-6.69	4.362E+04	-6.69
16	2.216E+04	2.217E+04	2.392E+04	-7.90	2.392E+04	-7.90

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
83	1732	18	24AL1	15	4.10E+01	4.10E+01	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.650E+04	7.287E+03	6.580E+03	9.70	6.580E+03	9.70	
2	3.870E+04	6.142E+03	5.654E+03	7.95	5.654E+03	7.95	
3	4.130E+04	5.136E+03	4.776E+03	7.01	4.776E+03	7.01	
4	4.430E+04	4.337E+03	3.981E+03	8.21	3.981E+03	8.21	
5	4.770E+04	3.609E+03	3.286E+03	8.96	3.286E+03	8.96	
6	5.170E+04	2.880E+03	2.667E+03	7.41	2.667E+03	7.41	
7	5.640E+04	2.249E+03	2.130E+03	5.30	2.130E+03	5.30	
8	6.200E+04	1.770E+03	1.670E+03	5.67	1.670E+03	5.67	
9	6.530E+04	1.534E+03	1.462E+03	4.69	1.462E+03	4.69	
10	6.890E+04	1.339E+03	1.275E+03	4.76	1.275E+03	4.76	
11	7.290E+04	1.152E+03	1.105E+03	4.06	1.105E+03	4.06	
12	7.650E+04	1.006E+03	9.788E+02	2.70	9.788E+02	2.70	
13	8.270E+04	8.470E+02	8.054E+02	4.91	8.054E+02	4.91	
14	8.980E+04	7.630E+02	6.570E+02	13.90	6.570E+02	13.90	
15	9.540E+04	8.740E+02	2.242E+03	-156.57	2.242E+03	-156.57	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
83	1733	13	26AL1	6	4.88E+00	4.88E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.930E+04	1.943E+03	1.872E+03	3.67	1.872E+03	3.67	
2	6.700E+04	1.437E+03	1.369E+03	4.71	1.369E+03	4.71	
3	7.170E+04	1.214E+03	1.153E+03	5.05	1.153E+03	5.05	
4	7.750E+04	1.006E+03	9.474E+02	5.83	9.474E+02	5.83	
5	8.210E+04	8.610E+02	8.202E+02	4.74	8.202E+02	4.74	
6	8.550E+04	7.810E+02	7.415E+02	5.06	7.415E+02	5.06	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
83	2086	7	84RA01	4	6.64E+00	6.64E+00	
N	E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.210E+04	8.812E+03	9.178E+03	-4.16	9.178E+03	-4.16	
2	5.200E+04	2.497E+03	2.627E+03	-5.21	2.627E+03	-5.21	
3	7.300E+04	1.155E+03	1.101E+03	4.64	1.101E+03	4.64	
4	8.420E+04	6.970E+02	7.702E+02	-10.51	7.702E+02	-10.51	

IZ= 84

IZ= 85

IZ= 86

IZ= 87

IZ= 88

IZ= 89

IZ= 90

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1746	8	67BE1	2	3.62E+00	3.62E+00		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.747E+04	3.610E+04	3.693E+04	-2.31	3.693E+04	-2.31		
2	1.961E+04	2.850E+04	2.720E+04	4.56	2.720E+04	4.56		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1747	12	59RO1	4	1.64E+01	1.64E+01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.744E+04	4.240E+04	3.711E+04	12.49	3.711E+04	12.49		
2	1.961E+04	3.390E+04	2.720E+04	19.76	2.720E+04	19.76		
3	2.210E+04	3.810E+04	3.238E+04	15.01	3.238E+04	15.01		
4	2.494E+04	2.890E+04	2.391E+04	17.28	2.391E+04	17.28		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1748	6	69DE1	2	3.78E-01	3.78E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	1.250E+04	3.722E+04	3.731E+04	-.23	3.731E+04	-.23		
2	1.500E+04	2.355E+04	2.366E+04	-.48	2.366E+04	-.48		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1749	11	77RA2	5	9.98E-01	9.98E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.414E+04	2.571E+04	2.595E+04	-.92	2.595E+04	-.92		
2	3.085E+04	1.378E+04	1.397E+04	-1.36	1.397E+04	-1.36		
3	4.571E+04	5.105E+03	5.102E+03	.06	5.102E+03	.06		
4	8.100E+04	1.178E+03	1.187E+03	-.76	1.187E+03	-.76		
5	8.679E+04	9.864E+02	9.992E+02	-1.30	9.992E+02	-1.30		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1750	12	77MU1	5	9.98E-01	9.98E-01		
N		E	ATEX	ATTHS	PES	ATTHSR		PESR
1	2.414E+04	2.571E+04	2.595E+04	-.92	2.595E+04	-.92		
2	3.085E+04	1.378E+04	1.397E+04	-1.36	1.397E+04	-1.36		
3	4.571E+04	5.105E+03	5.102E+03	.06	5.102E+03	.06		
4	8.100E+04	1.178E+03	1.187E+03	-.76	1.187E+03	-.76		

5 8.679E+04 9.864E+02 9.992E+02 -1.30 9.992E+02 -1.30

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1751	12	67MC1	8	2.87E+00	2.87E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	2.500E+04	2.336E+04	2.376E+04	-1.72	2.376E+04	-1.72		
2	3.004E+04	1.466E+04	1.494E+04	-1.94	1.494E+04	-1.94		
3	4.004E+04	6.947E+03	7.168E+03	-3.18	7.168E+03	-3.18		
4	5.008E+04	3.899E+03	4.036E+03	-3.52	4.036E+03	-3.52		
5	6.003E+04	2.499E+03	2.537E+03	-1.50	2.537E+03	-1.50		
6	7.004E+04	1.656E+03	1.712E+03	-3.41	1.712E+03	-3.41		
7	7.996E+04	1.195E+03	1.226E+03	-2.60	1.226E+03	-2.60		
8	8.992E+04	8.800E+02	9.152E+02	-4.00	9.152E+02	-4.00		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1752	3	76RE1	3	3.76E+00	3.76E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.090E+04	1.324E+04	1.391E+04	-5.06	1.391E+04	-5.06		
2	3.590E+04	9.210E+03	9.483E+03	-2.96	9.483E+03	-2.96		
3	5.540E+04	3.030E+03	3.115E+03	-2.82	3.115E+03	-2.82		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1753	17	77CH1	6	3.77E+00	3.77E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.000E+04	6.729E+03	7.186E+03	-6.79	7.186E+03	-6.79		
2	5.001E+04	3.932E+03	4.051E+03	-3.02	4.051E+03	-3.02		
3	6.003E+04	2.483E+03	2.537E+03	-2.16	2.537E+03	-2.16		
4	7.004E+04	1.694E+03	1.712E+03	-1.09	1.712E+03	-1.09		
5	8.008E+04	1.176E+03	1.221E+03	-3.87	1.221E+03	-3.87		
6	9.009E+04	8.840E+02	9.110E+02	-3.05	9.110E+02	-3.05		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1754	11	62WI1	8	2.21E+00	2.21E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	4.012E+04	7.090E+03	7.131E+03	-.58	7.131E+03	-.58		
2	4.298E+04	6.010E+03	5.976E+03	.57	5.976E+03	.57		
3	4.540E+04	5.010E+03	5.192E+03	-3.63	5.192E+03	-3.63		
4	5.000E+04	4.080E+03	4.053E+03	.66	4.053E+03	.66		
5	5.752E+04	2.740E+03	2.830E+03	-3.27	2.830E+03	-3.27		
6	6.787E+04	1.819E+03	1.855E+03	-1.97	1.855E+03	-1.97		
7	7.081E+04	1.626E+03	1.666E+03	-2.44	1.666E+03	-2.44		
8	8.654E+04	9.860E+02	1.006E+03	-2.07	1.006E+03	-2.07		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
90	1755	13	26AL1	12	1.03E+01	1.03E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.170E+04	3.310E+03	3.720E+03	-12.38	3.720E+03	-12.38		
2	5.640E+04	2.660E+03	2.976E+03	-11.87	2.976E+03	-11.87		
3	5.930E+04	2.350E+03	2.617E+03	-11.37	2.617E+03	-11.37		
4	6.390E+04	1.946E+03	2.162E+03	-11.12	2.162E+03	-11.12		
5	6.700E+04	1.714E+03	1.917E+03	-11.83	1.917E+03	-11.83		
6	7.170E+04	1.445E+03	1.614E+03	-11.68	1.614E+03	-11.68		
7	7.750E+04	1.194E+03	1.326E+03	-11.07	1.326E+03	-11.07		



8	8.210E+04	1.048E+03	1.148E+03	-9.51	1.148E+03	-9.51
9	8.550E+04	9.550E+02	1.037E+03	-8.60	1.037E+03	-8.60
10	8.860E+04	8.670E+02	9.494E+02	-9.50	9.494E+02	-9.50
11	9.180E+04	8.090E+02	8.696E+02	-7.50	8.696E+02	-7.50
12	9.840E+04	7.170E+02	7.334E+02	-2.29	7.334E+02	-2.29

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
90	1756	9	70C01	1	3.09E+00	3.09E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	9.342E+02	9.630E+02		-3.09	9.630E+02	-3.09

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
90	2053	7	84RA01	4	3.52E+00	3.52E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	1.229E+04	1.262E+04		-2.71	1.262E+04	-2.71
2	5.200E+04	3.554E+03	3.665E+03		-3.12	3.665E+03	-3.12
3	7.300E+04	1.460E+03	1.542E+03		-5.62	1.542E+03	-5.62
4	8.420E+04	1.067E+03	1.077E+03		-.98	1.077E+03	-.98

IZ= 91

IZ= 92

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	1759	210	81DE1	30	3.26E+00	3.26E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	7.146E+04	7.078E+04		.95	7.078E+04	.95
2	1.500E+04	2.524E+04	2.580E+04		-2.22	2.580E+04	-2.22
3	1.700E+04	1.791E+04	1.888E+04		-5.42	1.888E+04	-5.42
4	1.706E+04	1.795E+04	1.872E+04		-4.27	1.872E+04	-4.27
5	1.723E+04	3.893E+04	4.185E+04		-7.51	4.185E+04	-7.51
6	1.726E+04	3.921E+04	4.166E+04		-6.24	4.166E+04	-6.24
7	1.738E+04	3.952E+04	4.088E+04		-3.45	4.088E+04	-3.45
8	1.800E+04	3.653E+04	3.719E+04		-1.80	3.719E+04	-1.80
9	2.000E+04	2.760E+04	2.809E+04		-1.76	2.809E+04	-1.76
10	2.084E+04	2.541E+04	2.523E+04		.70	2.523E+04	.70
11	2.086E+04	2.556E+04	2.517E+04		1.52	2.517E+04	1.52
12	2.096E+04	3.237E+04	3.487E+04		-7.74	3.487E+04	-7.74
13	2.100E+04	3.306E+04	3.471E+04		-4.98	3.471E+04	-4.98
14	2.106E+04	3.321E+04	3.445E+04		-3.75	3.445E+04	-3.75
15	2.114E+04	3.349E+04	3.412E+04		-1.89	3.412E+04	-1.89
16	2.125E+04	3.323E+04	3.368E+04		-1.34	3.368E+04	-1.34
17	2.136E+04	3.244E+04	3.324E+04		-2.45	3.324E+04	-2.45
18	2.146E+04	3.214E+04	3.284E+04		-2.19	3.284E+04	-2.19
19	2.159E+04	3.213E+04	3.234E+04		-.65	3.234E+04	-.65
20	2.160E+04	3.195E+04	3.230E+04		-1.10	3.230E+04	-1.10
21	2.163E+04	3.174E+04	3.219E+04		-1.41	3.219E+04	-1.41
22	2.178E+04	3.553E+04	3.635E+04		-2.31	3.635E+04	-2.31
23	2.185E+04	3.509E+04	3.606E+04		-2.77	3.606E+04	-2.77
24	2.200E+04	3.511E+04	3.545E+04		-.98	3.545E+04	-.98
25	2.213E+04	3.461E+04	3.494E+04		-.94	3.494E+04	-.94



26	2.494E+04	2.576E+04	2.594E+04	-.68	2.594E+04	-.68
27	2.500E+04	2.553E+04	2.578E+04	-.98	2.578E+04	-.98
28	3.000E+04	1.613E+04	1.631E+04	-1.15	1.631E+04	-1.15
29	3.500E+04	1.070E+04	1.103E+04	-3.05	1.103E+04	-3.05
30	4.000E+04	7.703E+03	7.838E+03	-1.75	7.838E+03	-1.75

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1762	25	67BE1	12	2.06E+00	2.06E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	7.110E+04	7.078E+04	7.078E+04	.45	7.078E+04	.45	
2	1.100E+04	5.690E+04	5.587E+04	5.587E+04	1.81	5.587E+04	1.81	
3	1.200E+04	4.550E+04	4.500E+04	4.500E+04	1.10	4.500E+04	1.10	
4	1.300E+04	3.760E+04	3.686E+04	3.686E+04	1.96	3.686E+04	1.96	
5	1.400E+04	3.010E+04	3.064E+04	3.064E+04	-1.81	3.064E+04	-1.81	
6	1.500E+04	2.690E+04	2.580E+04	2.580E+04	4.09	2.580E+04	4.09	
7	1.600E+04	2.260E+04	2.196E+04	2.196E+04	2.82	2.196E+04	2.82	
8	1.690E+04	1.870E+04	1.916E+04	1.916E+04	-2.47	1.916E+04	-2.47	
9	1.747E+04	4.030E+04	4.032E+04	4.032E+04	-.04	4.032E+04	-.04	
10	1.961E+04	2.950E+04	2.958E+04	2.958E+04	-.26	2.958E+04	-.26	
11	2.300E+04	3.220E+04	3.174E+04	3.174E+04	1.44	3.174E+04	1.44	
12	2.600E+04	2.280E+04	2.337E+04	2.337E+04	-2.52	2.337E+04	-2.52	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1763	22	26AL2	2	1.18E+01	1.18E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.000E+04	7.509E+04	7.078E+04	7.078E+04	5.74	7.078E+04	5.74	
2	1.150E+04	5.928E+04	5.003E+04	5.003E+04	15.61	5.003E+04	15.61	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1764	6	26AL1	4	1.36E+01	1.36E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	7.560E+04	1.281E+03	1.547E+03	1.547E+03	-20.76	1.547E+03	-20.76	
2	8.210E+04	1.494E+03	1.258E+03	1.258E+03	15.82	1.258E+03	15.82	
3	8.860E+04	1.012E+03	1.040E+03	1.040E+03	-2.79	1.040E+03	-2.79	
4	9.840E+04	7.510E+02	8.034E+02	8.034E+02	-6.98	8.034E+02	-6.98	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1765	12	59R01	4	2.12E+01	2.12E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.744E+04	4.939E+04	4.050E+04	4.050E+04	17.99	4.050E+04	17.99	
2	1.961E+04	3.793E+04	2.958E+04	2.958E+04	22.02	2.958E+04	22.02	
3	2.210E+04	4.465E+04	3.505E+04	3.505E+04	21.49	3.505E+04	21.49	
4	2.494E+04	3.359E+04	2.594E+04	2.594E+04	22.79	2.594E+04	22.79	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1766	11	67PE1	7	6.23E+00	6.23E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.450E+04	2.880E+04	2.808E+04	2.808E+04	2.51	2.808E+04	2.51	
2	1.830E+04	3.230E+04	3.557E+04	3.557E+04	-10.11	3.557E+04	-10.11	
3	2.200E+04	3.370E+04	3.545E+04	3.545E+04	-5.20	3.545E+04	-5.20	
4	2.640E+04	2.110E+04	2.250E+04	2.250E+04	-6.63	2.250E+04	-6.63	
5	5.960E+04	2.765E+03	2.828E+03	2.828E+03	-2.29	2.828E+03	-2.29	
6	8.800E+04	1.005E+03	1.058E+03	1.058E+03	-5.27	1.058E+03	-5.27	

7 9.740E+04 7.650E+02 8.237E+02 -7.68 8.237E+02 -7.68

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	1767	35	69DE1	34	4.07E+00	4.07E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	1.000E+04	7.147E+04	7.078E+04		.97	7.078E+04	.97
2	1.500E+04	2.553E+04	2.580E+04		-1.06	2.580E+04	-1.06
3	1.700E+04	1.791E+04	1.888E+04		-5.42	1.888E+04	-5.42
4	1.706E+04	1.796E+04	1.872E+04		-4.21	1.872E+04	-4.21
5	1.723E+04	3.893E+04	4.185E+04		-7.51	4.185E+04	-7.51
6	1.726E+04	3.922E+04	4.166E+04		-6.21	4.166E+04	-6.21
7	1.738E+04	3.965E+04	4.088E+04		-3.11	4.088E+04	-3.11
8	1.800E+04	3.653E+04	3.719E+04		-1.80	3.719E+04	-1.80
9	2.000E+04	2.761E+04	2.809E+04		-1.72	2.809E+04	-1.72
10	2.084E+04	2.541E+04	2.523E+04		.70	2.523E+04	.70
11	2.086E+04	2.556E+04	2.517E+04		1.52	2.517E+04	1.52
12	2.090E+04	2.819E+04	2.505E+04		11.15	2.505E+04	11.15
13	2.096E+04	3.237E+04	3.487E+04		-7.74	3.487E+04	-7.74
14	2.100E+04	3.307E+04	3.471E+04		-4.95	3.471E+04	-4.95
15	2.106E+04	3.321E+04	3.445E+04		-3.75	3.445E+04	-3.75
16	2.114E+04	3.350E+04	3.412E+04		-1.86	3.412E+04	-1.86
17	2.125E+04	3.324E+04	3.368E+04		-1.31	3.368E+04	-1.31
18	2.136E+04	3.245E+04	3.324E+04		-2.42	3.324E+04	-2.42
19	2.146E+04	3.215E+04	3.284E+04		-2.15	3.284E+04	-2.15
20	2.159E+04	3.214E+04	3.234E+04		-.62	3.234E+04	-.62
21	2.160E+04	3.196E+04	3.230E+04		-1.07	3.230E+04	-1.07
22	2.163E+04	3.175E+04	3.219E+04		-1.38	3.219E+04	-1.38
23	2.169E+04	3.334E+04	3.196E+04		4.14	3.196E+04	4.14
24	2.172E+04	3.391E+04	3.185E+04		6.08	3.185E+04	6.08
25	2.173E+04	3.477E+04	3.181E+04		8.51	3.181E+04	8.51
26	2.178E+04	3.553E+04	3.635E+04		-2.31	3.635E+04	-2.31
27	2.185E+04	3.510E+04	3.606E+04		-2.74	3.606E+04	-2.74
28	2.200E+04	3.512E+04	3.545E+04		-.95	3.545E+04	-.95
29	2.213E+04	3.461E+04	3.494E+04		-.94	3.494E+04	-.94
30	2.494E+04	2.576E+04	2.594E+04		-.68	2.594E+04	-.68
31	2.500E+04	2.553E+04	2.578E+04		-.98	2.578E+04	-.98
32	3.000E+04	1.613E+04	1.631E+04		-1.15	1.631E+04	-1.15
33	3.500E+04	1.070E+04	1.103E+04		-3.05	1.103E+04	-3.05
34	4.000E+04	7.685E+03	7.838E+03		-1.99	7.838E+03	-1.99

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	1768	16	67MC1	9	1.50E+00	1.50E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.500E+04	2.520E+04	2.578E+04		-2.30	2.578E+04	-2.30
2	3.004E+04	1.624E+04	1.626E+04		-.12	1.626E+04	-.12
3	3.505E+04	1.119E+04	1.099E+04		1.82	1.099E+04	1.82
4	4.004E+04	7.747E+03	7.818E+03		-.91	7.818E+03	-.91
5	5.008E+04	4.407E+03	4.412E+03		-.12	4.412E+03	-.12
6	6.182E+04	2.560E+03	2.576E+03		-.64	2.576E+03	-.64
7	7.020E+04	1.846E+03	1.865E+03		-1.05	1.865E+03	-1.05
8	8.016E+04	1.343E+03	1.335E+03		.58	1.335E+03	.58
9	9.018E+04	9.667E+02	9.957E+02		-3.00	9.957E+02	-3.00



ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1819	17	77CH1	7	3.55E+00	3.55E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.998E+04	7.550E+03	7.848E+03	-3.94	7.848E+03	-3.94		
2	4.998E+04	4.301E+03	4.435E+03	-3.11	4.435E+03	-3.11		
3	5.995E+04	2.729E+03	2.786E+03	-2.10	2.786E+03	-2.10		
4	6.994E+04	1.838E+03	1.883E+03	-2.44	1.883E+03	-2.44		
5	7.997E+04	1.293E+03	1.343E+03	-3.88	1.343E+03	-3.88		
6	8.988E+04	9.670E+02	1.004E+03	-3.82	1.004E+03	-3.82		
7	9.995E+04	7.380E+02	7.733E+02	-4.79	7.733E+02	-4.79		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1770	2	76HA1	1	3.22E+00	3.22E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.960E+04	2.740E+03	2.828E+03	-3.22	2.828E+03	-3.22		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1769	17	77CH1	7	3.55E+00	3.55E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	3.998E+04	7.550E+03	7.848E+03	-3.94	7.848E+03	-3.94		
2	4.998E+04	4.301E+03	4.435E+03	-3.11	4.435E+03	-3.11		
3	5.995E+04	2.729E+03	2.786E+03	-2.10	2.786E+03	-2.10		
4	6.994E+04	1.838E+03	1.883E+03	-2.44	1.883E+03	-2.44		
5	7.997E+04	1.293E+03	1.343E+03	-3.88	1.343E+03	-3.88		
6	8.988E+04	9.670E+02	1.004E+03	-3.82	1.004E+03	-3.82		
7	9.995E+04	7.380E+02	7.733E+02	-4.79	7.733E+02	-4.79		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1771	3	73RA1	1	1.03E+01	1.03E+01		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	5.960E+04	2.563E+03	2.828E+03	-10.35	2.828E+03	-10.35		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1772	6	33ST1	6	5.22E+00	5.22E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.416E+04	2.900E+04	2.979E+04	-2.72	2.979E+04	-2.72		
2	1.643E+04	1.940E+04	2.056E+04	-5.97	2.056E+04	-5.97		
3	1.662E+04	1.940E+04	1.998E+04	-2.97	1.998E+04	-2.97		
4	1.707E+04	1.840E+04	1.869E+04	-1.57	1.869E+04	-1.57		
5	1.746E+04	3.810E+04	4.038E+04	-5.98	4.038E+04	-5.98		
6	2.017E+04	2.530E+04	2.747E+04	-8.58	2.747E+04	-8.58		

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR		
92	1773	10	32KU1	10	9.02E+00	9.02E+00		
N		E	ATEX	ATTHS	PES	ATTHSR	PESR	
1	1.416E+04	3.331E+04	2.979E+04	10.57	2.979E+04	10.57		
2	1.578E+04	2.505E+04	2.274E+04	9.24	2.274E+04	9.24		
3	1.662E+04	2.212E+04	1.998E+04	9.69	1.998E+04	9.69		
4	1.748E+04	4.332E+04	4.025E+04	7.08	4.025E+04	7.08		
5	1.926E+04	3.404E+04	3.102E+04	8.87	3.102E+04	8.87		
6	2.020E+04	3.040E+04	2.736E+04	9.99	2.736E+04	9.99		
7	2.117E+04	3.680E+04	3.400E+04	7.61	3.400E+04	7.61		
8	2.215E+04	3.820E+04	3.486E+04	8.75	3.486E+04	8.75		

9	2.316E+04	3.403E+04	3.119E+04	8.33	3.119E+04	8.33
10	2.525E+04	2.780E+04	2.515E+04	9.54	2.515E+04	9.54

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	1774	12	77MU1	5	1.35E+00	1.35E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	2.414E+04	2.845E+04	2.813E+04	1.12	2.813E+04	1.12	
2	3.085E+04	1.520E+04	1.520E+04	-.01	1.520E+04	-.01	
3	4.571E+04	5.550E+03	5.572E+03	-.40	5.572E+03	-.40	
4	8.100E+04	1.270E+03	1.301E+03	-2.42	1.301E+03	-2.42	
5	8.679E+04	1.110E+03	1.095E+03	1.35	1.095E+03	1.35	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	1775	3	76RE1	3	2.98E+00	2.98E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.090E+04	1.448E+04	1.514E+04	-4.55	1.514E+04	-4.55	
2	3.590E+04	1.020E+04	1.033E+04	-1.32	1.033E+04	-1.32	
3	5.540E+04	3.340E+03	3.408E+03	-2.05	3.408E+03	-2.05	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	1776	9	70CO1	1	3.66E+00	3.66E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	8.809E+04	1.018E+03	1.055E+03	-3.66	1.055E+03	-3.66	

ILT	MSET	NMAX	REF	NTAL	RMSDS	RMSDSR	
92	2054	7	84RA01	4	4.10E+00	4.10E+00	
N		E	ATEX	ATTHS	PES	ATTHSR	PESR
1	3.210E+04	1.291E+04	1.374E+04	-6.46	1.374E+04	-6.46	
2	5.200E+04	3.899E+03	4.008E+03	-2.79	4.008E+03	-2.79	
3	7.300E+04	1.629E+03	1.690E+03	-3.72	1.690E+03	-3.72	
4	8.420E+04	1.158E+03	1.181E+03	-1.97	1.181E+03	-1.97	



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<b>11. ABSTRACT</b> <i>(A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here)</i>  A comparison is carried out, in both graphical and tabular form, over the energy range 0.1-100 keV between the National Bureau of Standards' data base of experimental x-ray attenuation coefficients (total absorption cross sections) and cross sections obtained using two sets of photoionization cross section values: the semi-empirical set of recommended values produced by Henke et al which covers the energy range .03-10 keV; and a theoretical set calculated by Scofield which covered the range 1-1500 keV and was extended by Scofield, at our request, to also cover the 0.1-1 keV range. There has been some disagreement over whether Scofield's results should be subject to renormalization from a Hartree-Slater to a Hartree-Fock atomic model. Therefore in the tables a comparison is made of Scofield's predictions both with and without this renormalization.			
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