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NUMERICAL RESULTS FOR THE SURFACE IMPEDANCE OF A STRATIFIED CONDUCTOR

BY C. M. JACKSON, J. R. WAIT

AND L. C. WALTERS

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS

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NATIONAL BUREAU OF STANDARDS

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March 19, 1962

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C. M. Jackson, J. R. Wait and L. C. Walters

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Abstract

Extensive numerical results are presented for the surface impedance of a horizontally stratified conducting medium. Both two- and three-layer models are considered and the results are given for both normal and oblique incidence.

Contents

Acknowledgement

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NUMERICAL RESULTS FOR THE SURFACE IMPEDANCE OF A STRATIFIED CONDUCTOR

The surface impedance of a stratified conducting medium is an important and useful quantity. In a large measure it determines the propagation constants for waves gliding along its upper surface [Wait, 1953, 1962]. Furthermore, in many actual cases, the surface impedance may be measured directly, such as on the surface of the earth at radio, audio, and sub-audio frequencies. In this way one may infer the characteristics of the lower layers from measurements on the surface.

To calculate the surface impedance, or a related parameter, for a stratified conductor is a tedious business. In many cases, however, the conduction currents are large compared with the displacement currents in each of the strata. Under this situation, the propagation constants γ_i $(i = 1, 2, 3...)$ have a phase angle of $\pi/4$ radians. Thus

$$\gamma_i = (\sigma_i \mu \omega)^{\frac{1}{2}} e^{i\pi/4}$$

where σ_i is the conductivity in the i'th layer. The magnetic permeability μ_i for each layer is replaced by the constant μ.

To facilitate application of the theory, a three-layer model is assumed. The situation is depicted in Fig. 1 where the source field may be a horizontal line current or a vertical magnetic dipole. For this case, and with the specializations mentioned above, the surface impedance at the upper boundary may be defined by

$$Z_1 = -\left[\frac{E_{oy}}{H_{ox}}\right]_{z=0} = -\left[\frac{E_{1y}}{H_{1x}}\right]_{z=0}$$

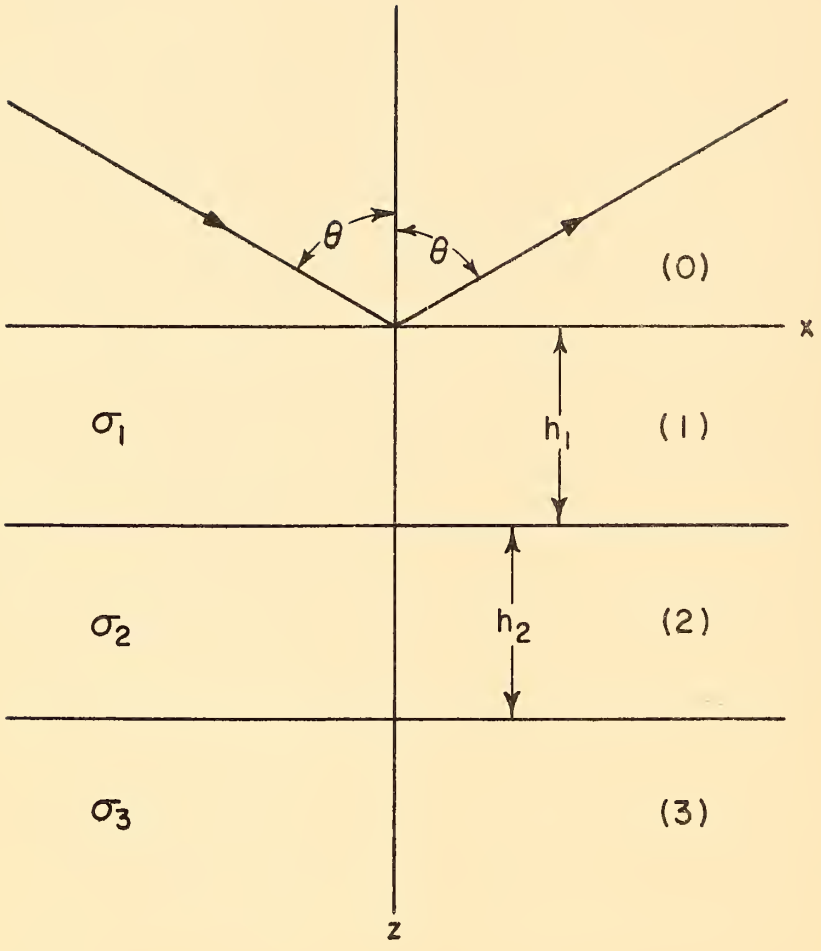

Fig. 1 Three-layer conductor with plane wave incident at a (complex) angle θ. Electric vector is perpendicular to paper.

Explicitly, it follows from previous analyses [Wait, 1953, 1962] that

$$Z_1 = \frac{i\mu\omega}{u_1} Q$$

where

$$Q = \frac{u_1 \hat{Q} + u_2 \tanh u_1 h_1}{u_2 + u_1 \hat{Q} \tanh u_1 h_1}$$

and

$$\hat{Q} = \frac{u_2 + u_3 \tanh u_2 h_2}{u_3 + u_2 \tanh u_2 h_2} \quad .$$

In the above

$$u_1 = (\lambda^2 + i \sigma_1 \mu \omega)^{\frac{1}{2}} \quad ,$$

$$u_2 = (\lambda^2 + i \sigma_2 \mu \omega)^{\frac{1}{2}} \quad ,$$

$$u_3 = (\lambda^2 + i \sigma_3 \mu \omega)^{\frac{1}{2}} \quad .$$

As discussed previously [Wait, 1953, 1962], λ can be identified with $k \sin\theta$ where θ is the (complex) angle of incidence. In many applications, λ^2 may be neglected compared with $\sigma_i \mu \omega$ and thus $u_i \cong \gamma_i$ for $i = 1, 2, 3$. Under this condition

$$Z_1 = \left(\frac{i \mu \omega}{\sigma_1}\right)^{\frac{1}{2}} Q$$

where

$$Q = \frac{\gamma_1 \hat{Q} + \gamma_2 \tanh \gamma_1 h_1}{\gamma_2 + \gamma_1 \hat{Q} \tanh \gamma_1 h_1}$$

and

$$\hat{Q} = \frac{\gamma_2 + \gamma_3 \tanh \gamma_2 h_2}{\gamma_3 + \gamma_2 \tanh \gamma_2 h_2}$$

This expression for the surface impedance is exact for a normally incident plane wave, and it is an approximation when λ is finite. The validity of the approximation is discussed below.

Calculations of the amplitude and phase of Q, for $\gamma_1 = \gamma_3$, and for various values of (γ_1/γ_2) have been carried out by programming the equation on a high-speed computer where the abscissa in each case is $(\sigma_1 \mu \omega)^{\frac{1}{2}} h_1$. Some of the results are shown in Figs. 2a to 5b. In the first set (i.e., Figs. 2a and 2b) the thickness h_2 is infinite, so the situation may be described as a two-layer model. It can be seen that when $(\sigma_1 \mu \omega)^{\frac{1}{2}} h_1$ is greater than about 3, the amplitude $|Q|$ is indistinguishable from unity and the phase of Q becomes zero.

The curves in Figs. 3a and 3b refer to a three-layer model where the conductivity of the bottom (semi-infinite) medium is the same as that of the upper stratum (i.e., $\sigma_1 = \sigma_3$ or $\gamma_1 = \gamma_3$). Furthermore, the thickness h_1 of the upper stratum is the same as the thickness h_2 of the lower stratum. The shape of the curves is rather interesting. As $(\sigma_1 \mu \omega)^{\frac{1}{2}} h_1$ becomes very small or very large, Q approaches unity. In the former case, the electrical thickness of the lower stratum is so small that its influence on the surface impedance is negligible. In the latter case, the electrical thickness of the upper stratum is so large that the intervening stratum is not "seen." The curves in Figs. 4a and 4b, for $h_2 = 2h_1$, as well as those in Figs. 5a and 5b, for $h_2 = h_1/2$, are very similar.

Curves of the type shown in Figs. 2a to 5b are useful in a wide variety of problems. However, the source field must be such that the effective value of λ (or $k \sin \theta$) is small compared with $(\sigma_i \mu \omega)^{\frac{1}{2}}$.

To indicate the significance of this approximation, calculations of Q were carried out for a two-layer model (i.e., $h_1 = h$ and $h_2 = \infty$) when λ is finite. In this case

$$Z_1 = \left(\frac{i\mu\omega}{\sigma_1}\right)^{\frac{1}{2}} \frac{Q}{(1 - i\beta)^{\frac{1}{2}}}$$

where

$$Q = \frac{(u_1/u_2) + \tanh u_1 h}{1 + (u_1/u_2) \tanh u_1 h}$$

and $\beta = \dfrac{\lambda^2}{\sigma_1 \mu \omega}$. It is seen that when the thickness h of the upper stratum approaches infinity λ becomes unity, and Z_1 has the value appropriate for a homogeneous half-space. Thus Q is again a measure of the influence of stratification. For convenience in the calculation, one may write

$$\frac{u_1}{u_2} = C\left[\frac{1 - i\beta}{1 - i\beta C^2}\right]^{\frac{1}{2}}$$

where

$$C = \frac{\gamma_1}{\gamma_2} = \left(\frac{\sigma_1}{\sigma_2}\right)^{\frac{1}{2}} .$$

Curves of the amplitude and phase of Q are shown in Figs. 6a and 6b. In the first pair, σ_2 is effectively zero which corresponds to a conducting layer (of thickness h) lying on very poorly conducting substratum. It is apparent from these curves that a finite value of β leads to a major change in the behavior of the curves. This would indicate that one should be extremely cautious in interpreting experimental data on the surface impedance when the source field is not known. The same behavior is evident when the lower layer is finitely conducting as can be evidenced in Figs. 7a and 7b where $\sigma_1/\sigma_2 = 25$.

However, in this case the effect is not so pronounced. When the lower layer is relatively highly conducting such that $\sigma_2/\sigma_1 = 25$, the influence of finite β is relatively small as can be seen in Figs. 8a and 8b.

The results shown in Figs. 6a to 8b are applicable to a source field variation which is periodic in the horizontal (x) direction. Thus, the variation may be of the form $(\pm i \lambda x)$, $\cos \lambda x$ or $\sin \lambda x$ where the period is $2\pi/\lambda$. For an actual source one must superimpose these solutions and integrate over all real values of λ.

Extensive listings of values are given in an appendix at the end of this report. These include the range of parameters covered in Figs. 2a to 8b and many additional values which were not plotted.

References

Wait, J. R., The fields of a line source of current over a stratified conductor, App. Sci. Research, Sec. B, 3, (1953).

Wait, J. R., The propagation of electromagnetic waves along the earth's surface, pp. 243-290, in Electromagnetic Waves (edited by R. E. Langer), University of Wisconsin Press, Madison, 1962 . (Many references are given here.)

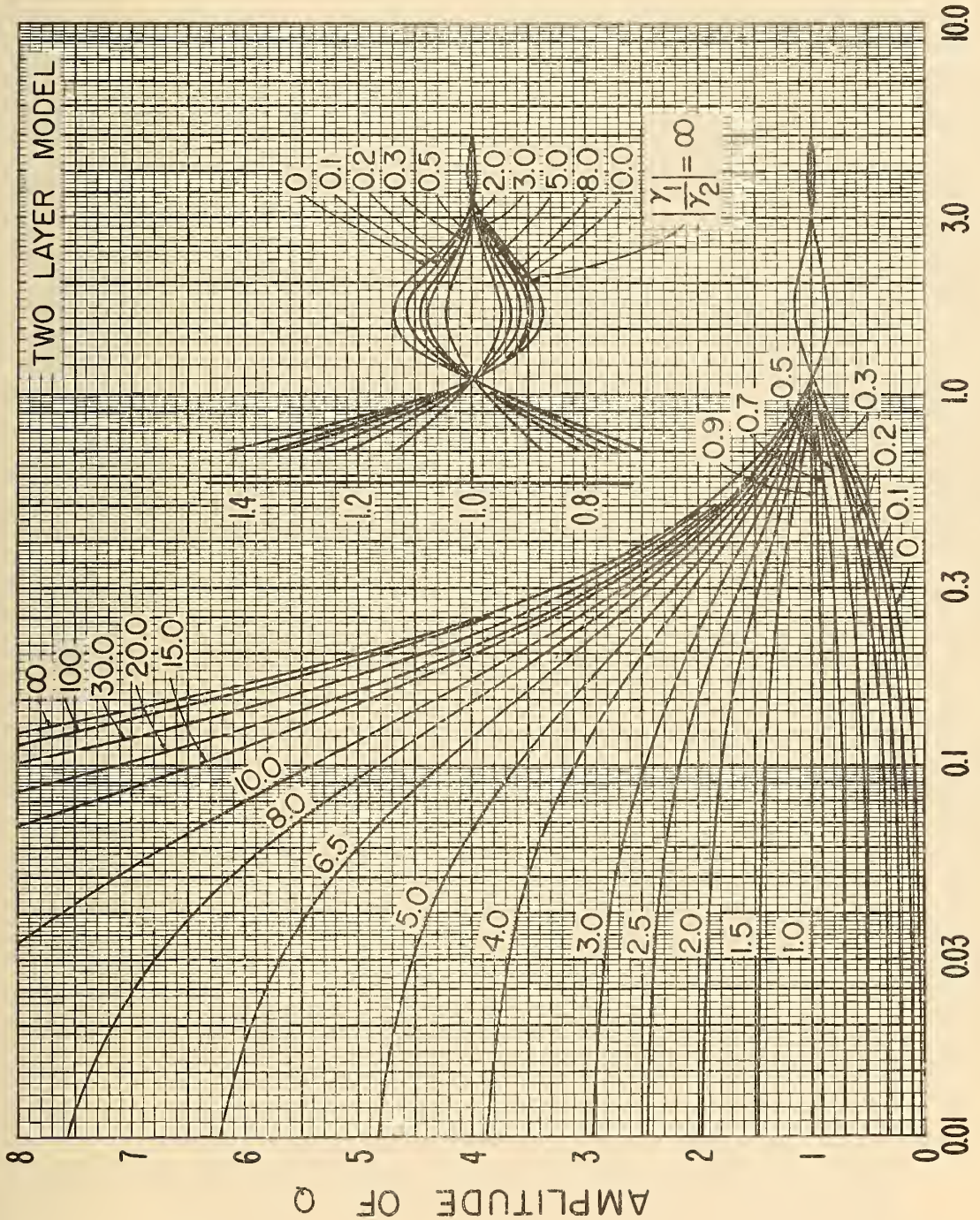

Fig. 2a The amplitude of the correction factor Q for a two-layer conducting medium ($\lambda = 0$).

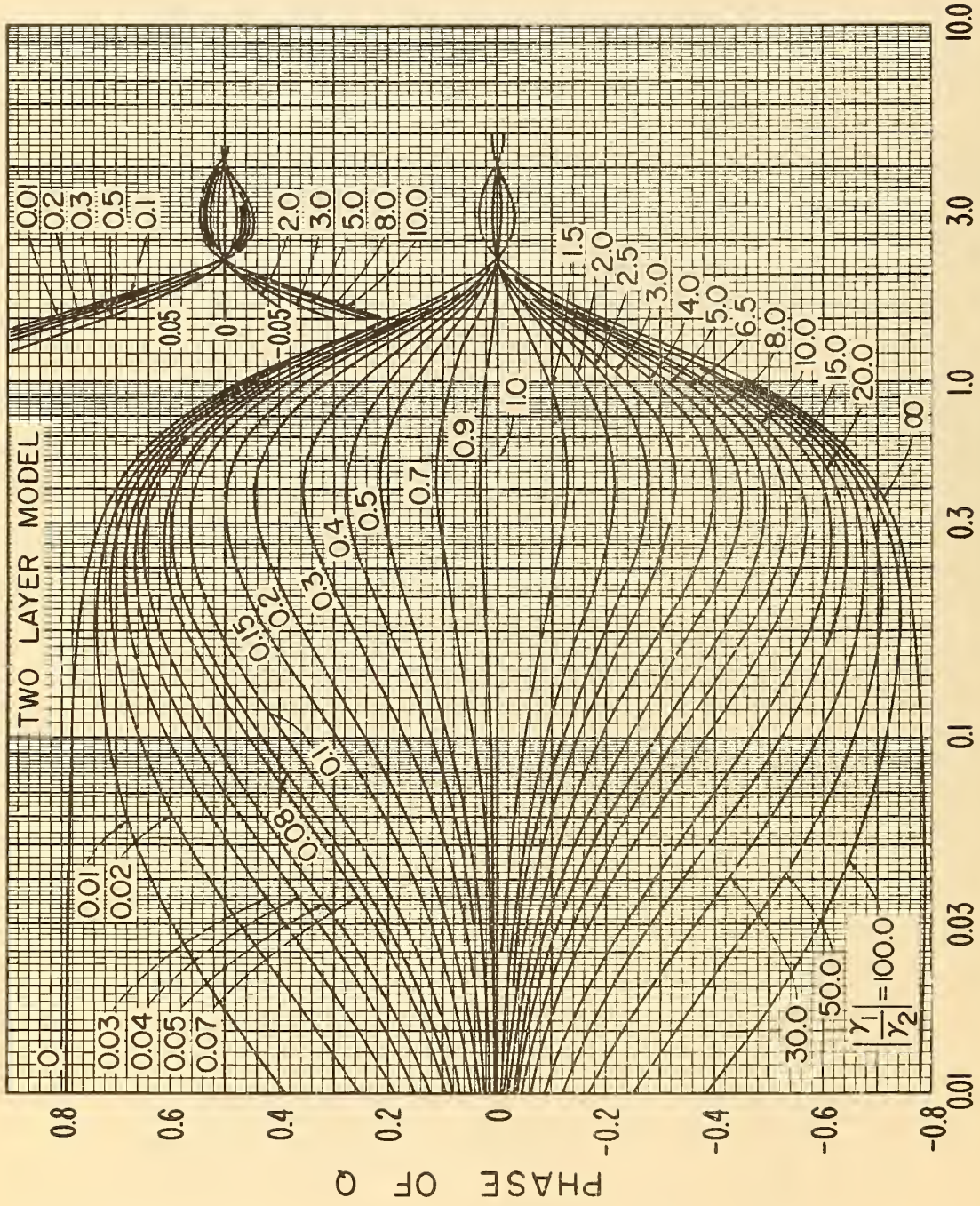

Fig. 2b The phase of the correction factor Q for a two-layer conducting medium ($\lambda = 0$). Ordinates in radians.

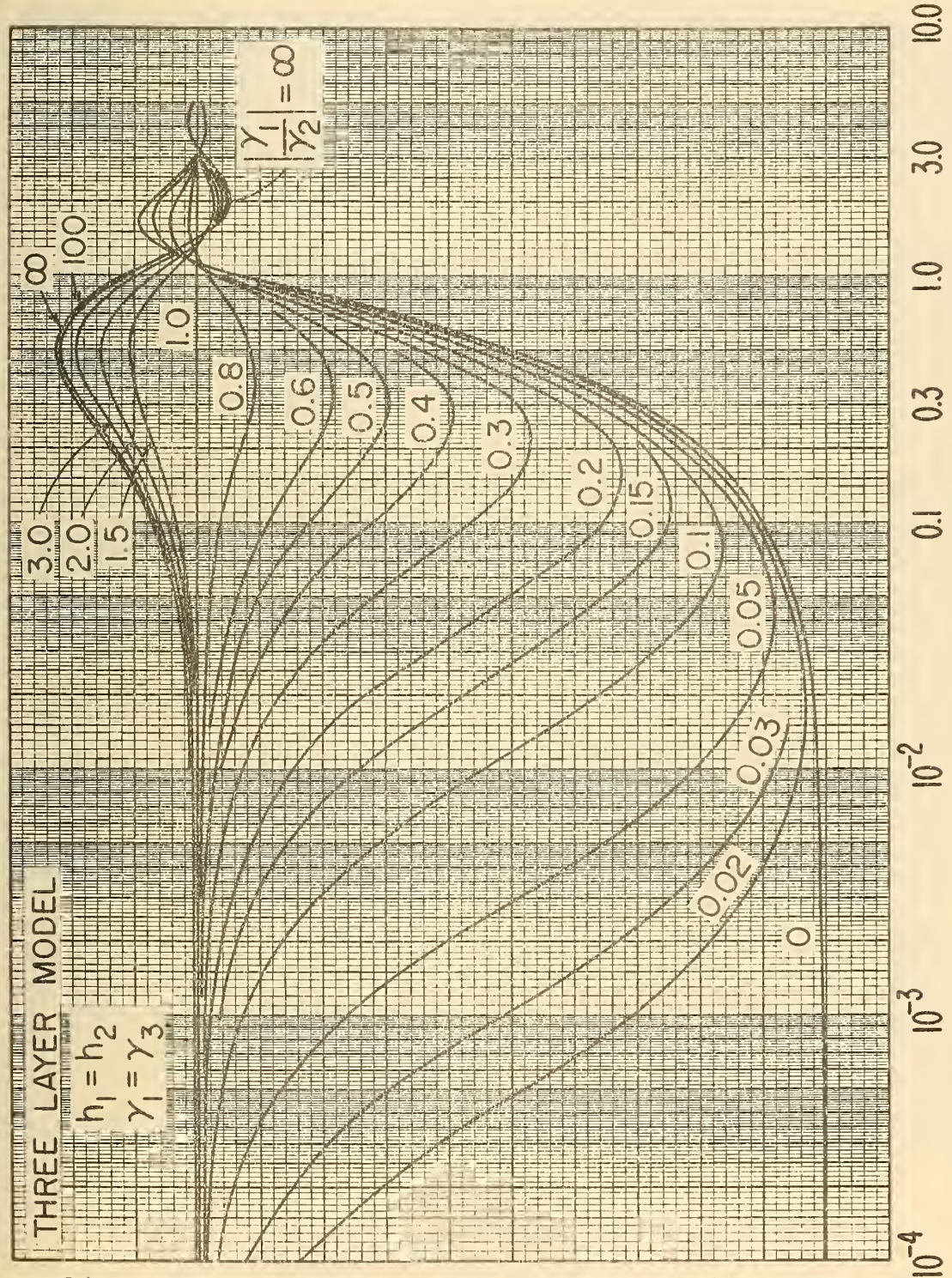

Fig. 3a The amplitude of the correction factor Q for a three-layer conducting medium ($\lambda = 0$).

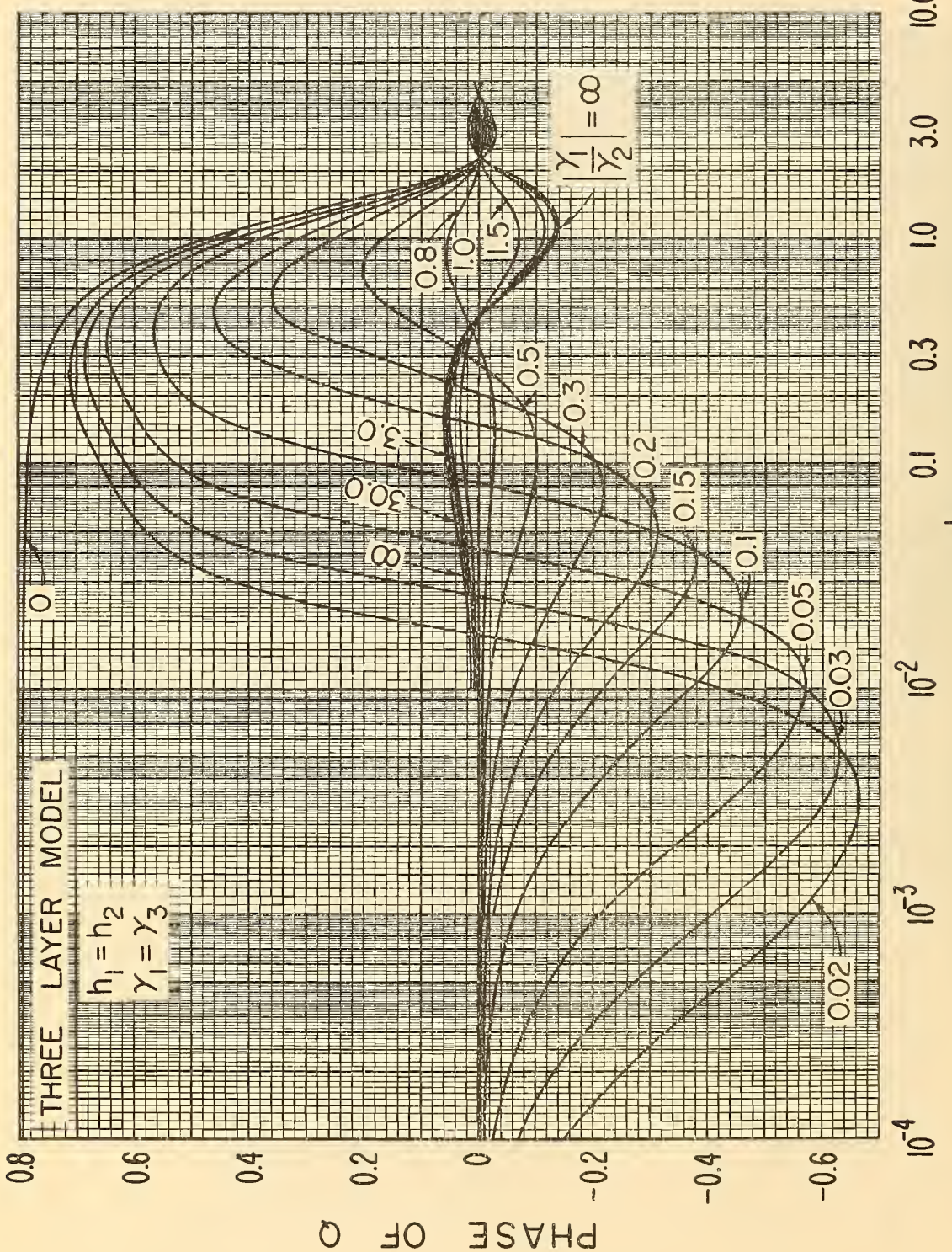

Fig. 3b The phase of the correction factor Q for a three-layer conducting medium ($\lambda = 0$). Ordinates in radians.

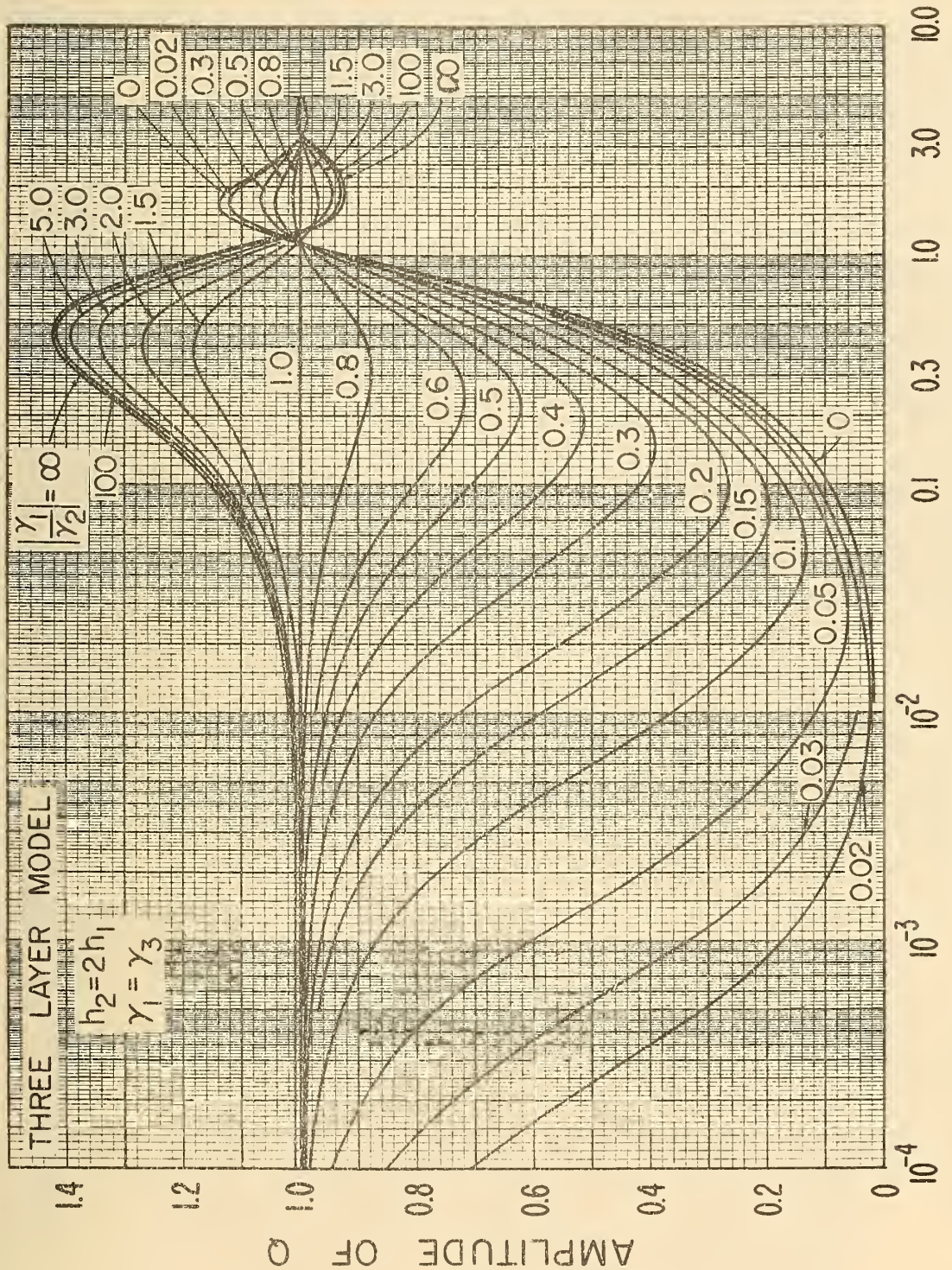

Fig. 4a The amplitude of the correction factor Q for a three-layer conducting medium ($\lambda = 0$).

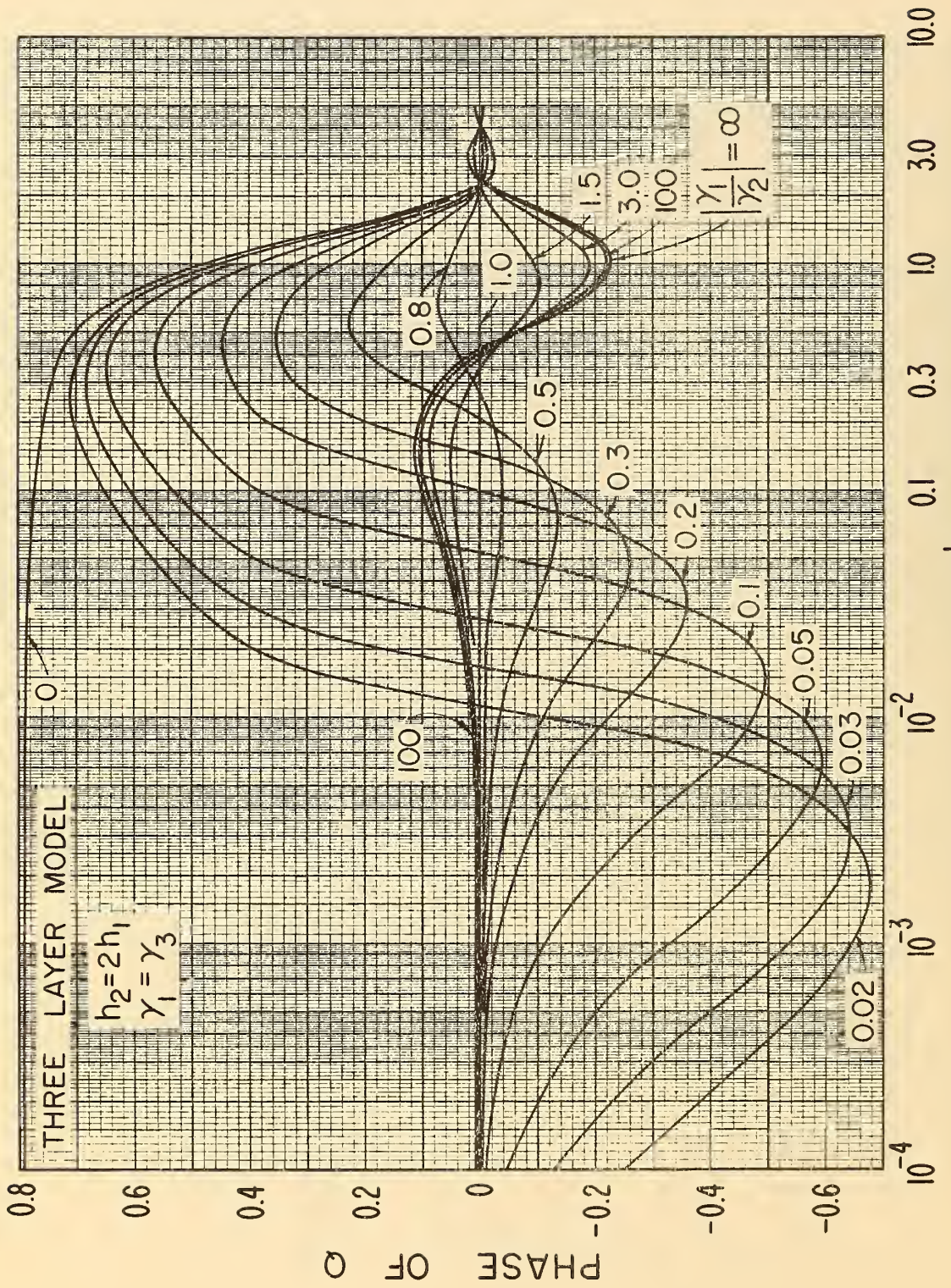

Fig. 4b The phase of the correction factor Q for a three -layer conducting medium ($\lambda = 0$). Ordinates in radians.

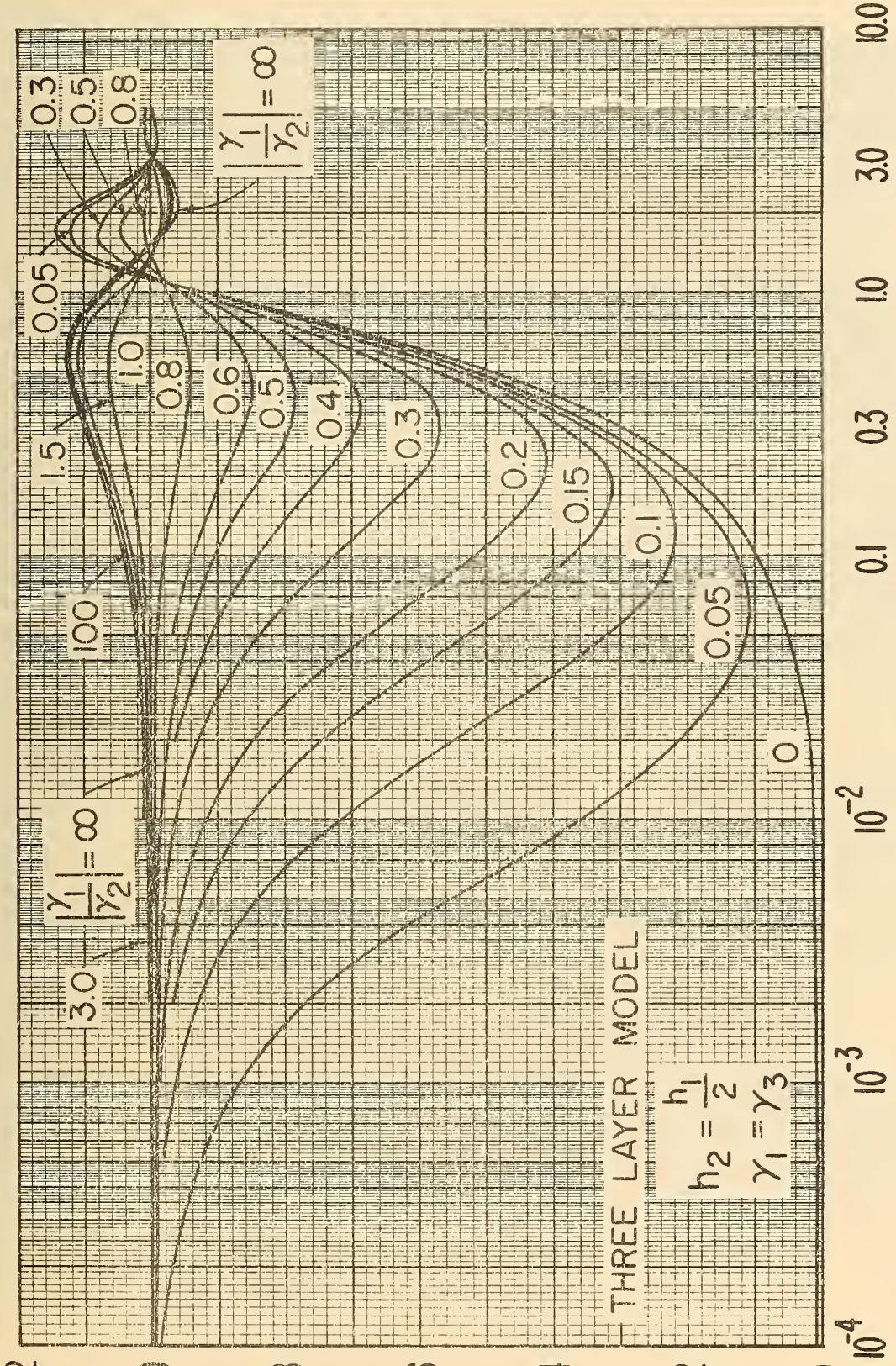

Fig. 5a Amplitude of the correction factor Q for a three-layer conducting medium ($\lambda = 0$).

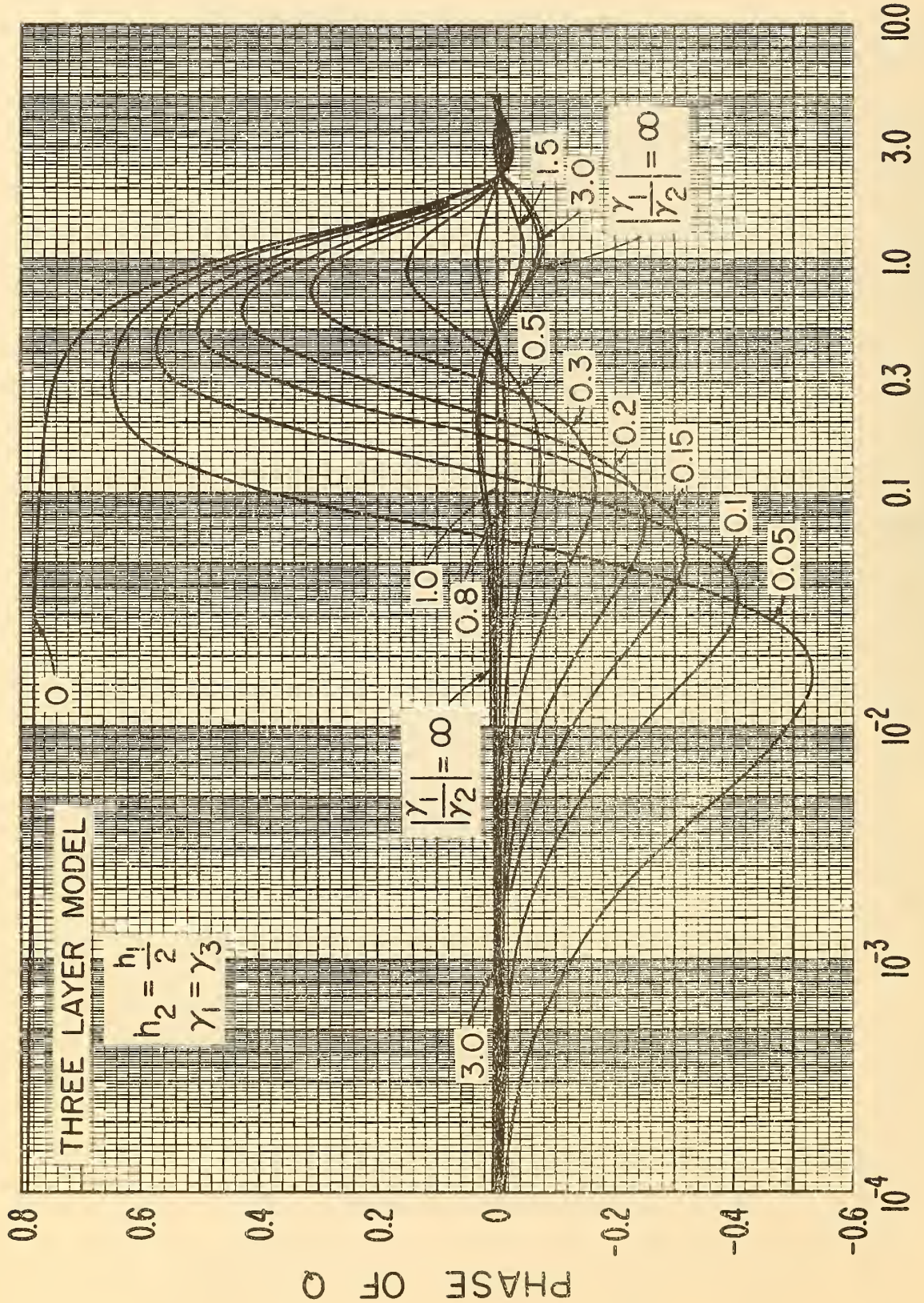

Fig. 5b Phase of the correction factor Ω for a three-layer conducting medium ($\lambda = 0$). Ordinates in radians.

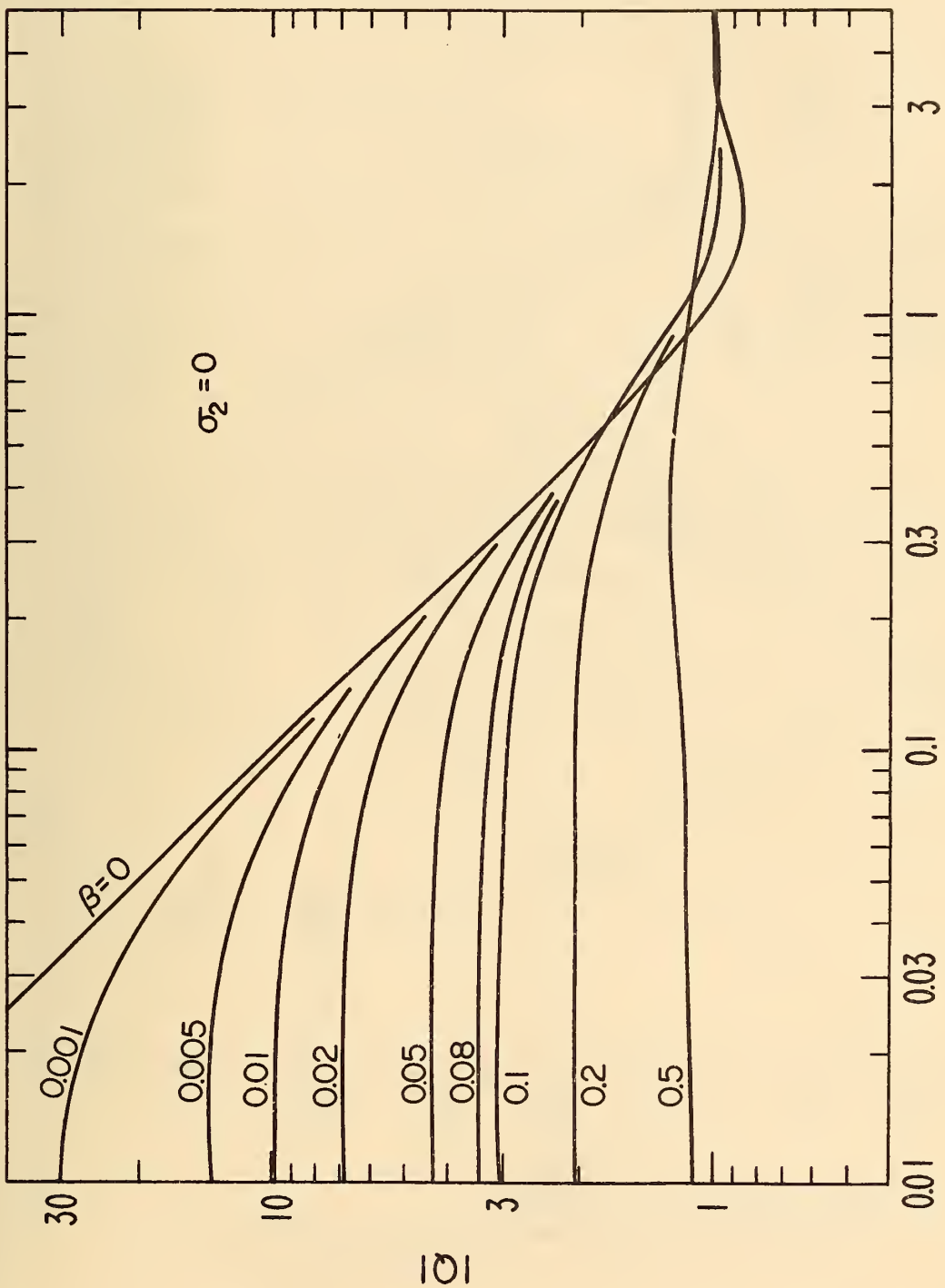

Fig. 6a The amplitude of the correction factor Q for a two-layer medium showing the influence of finite λ.

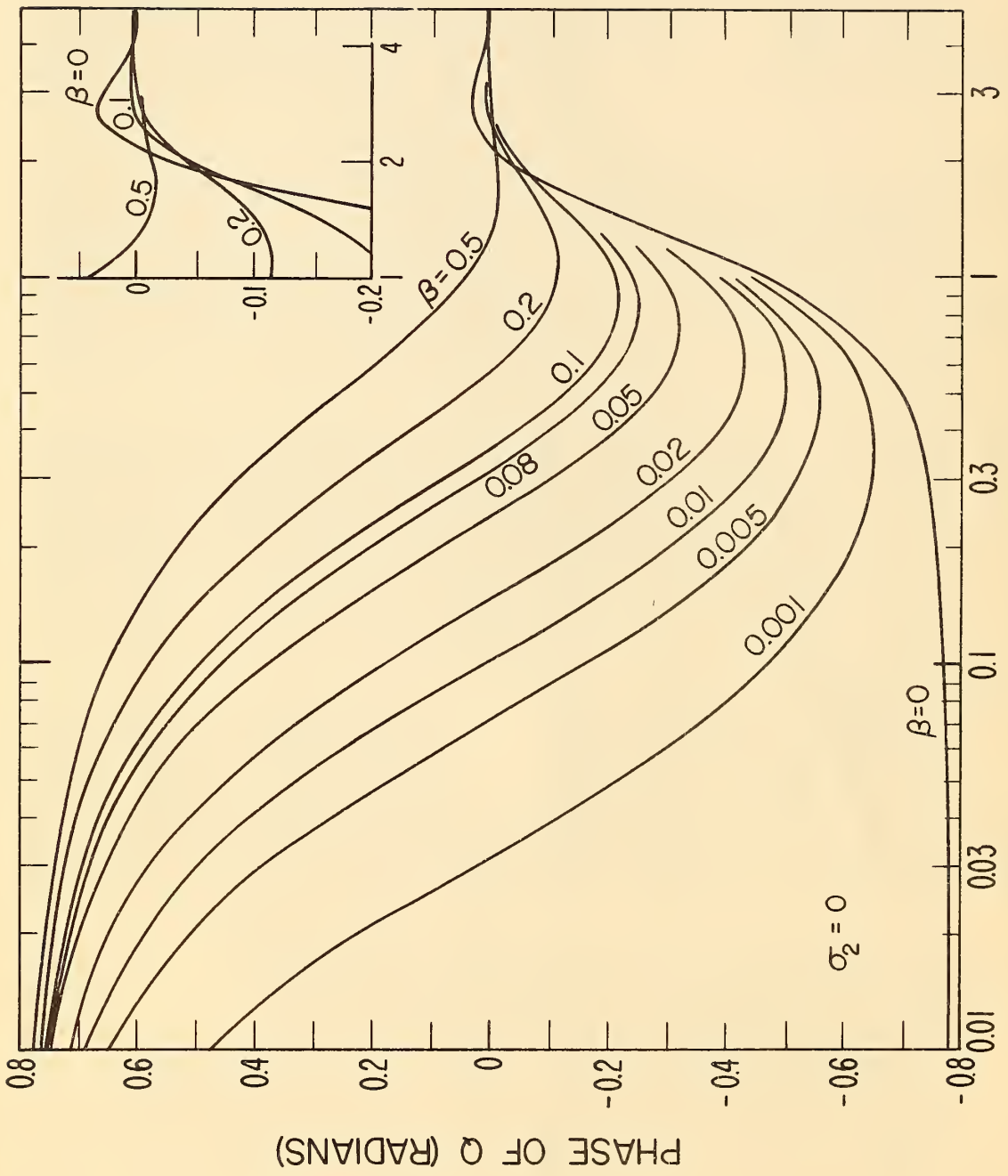

Fig. 6b The phase of the correction factor Q for a two-layer medium showing the influence of finite λ.

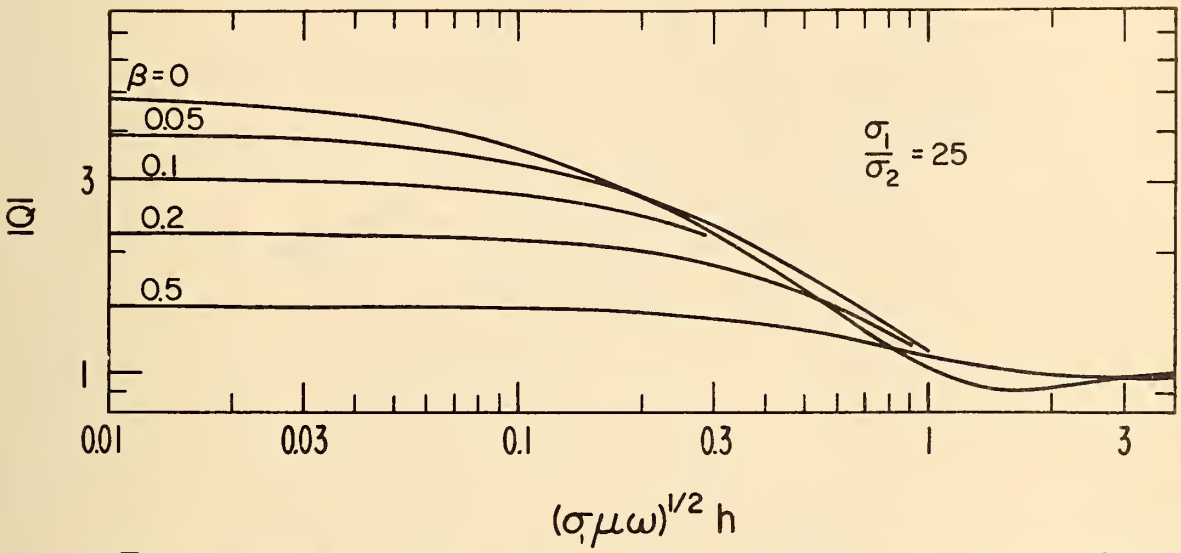

Fig. 7a The amplitude of the correction factor Q for a two-layer medium showing the influence of finite λ.

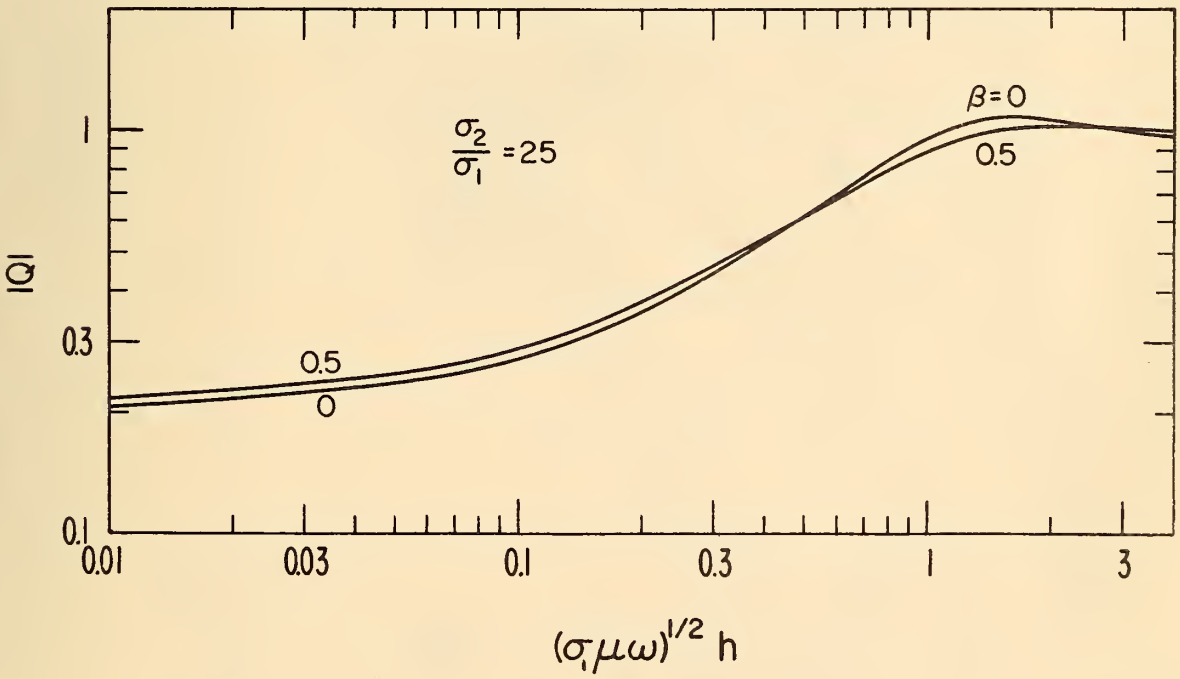

Fig. 8a The amplitude of the correction factor Q for a two-layer medium showing the influence of finite λ.

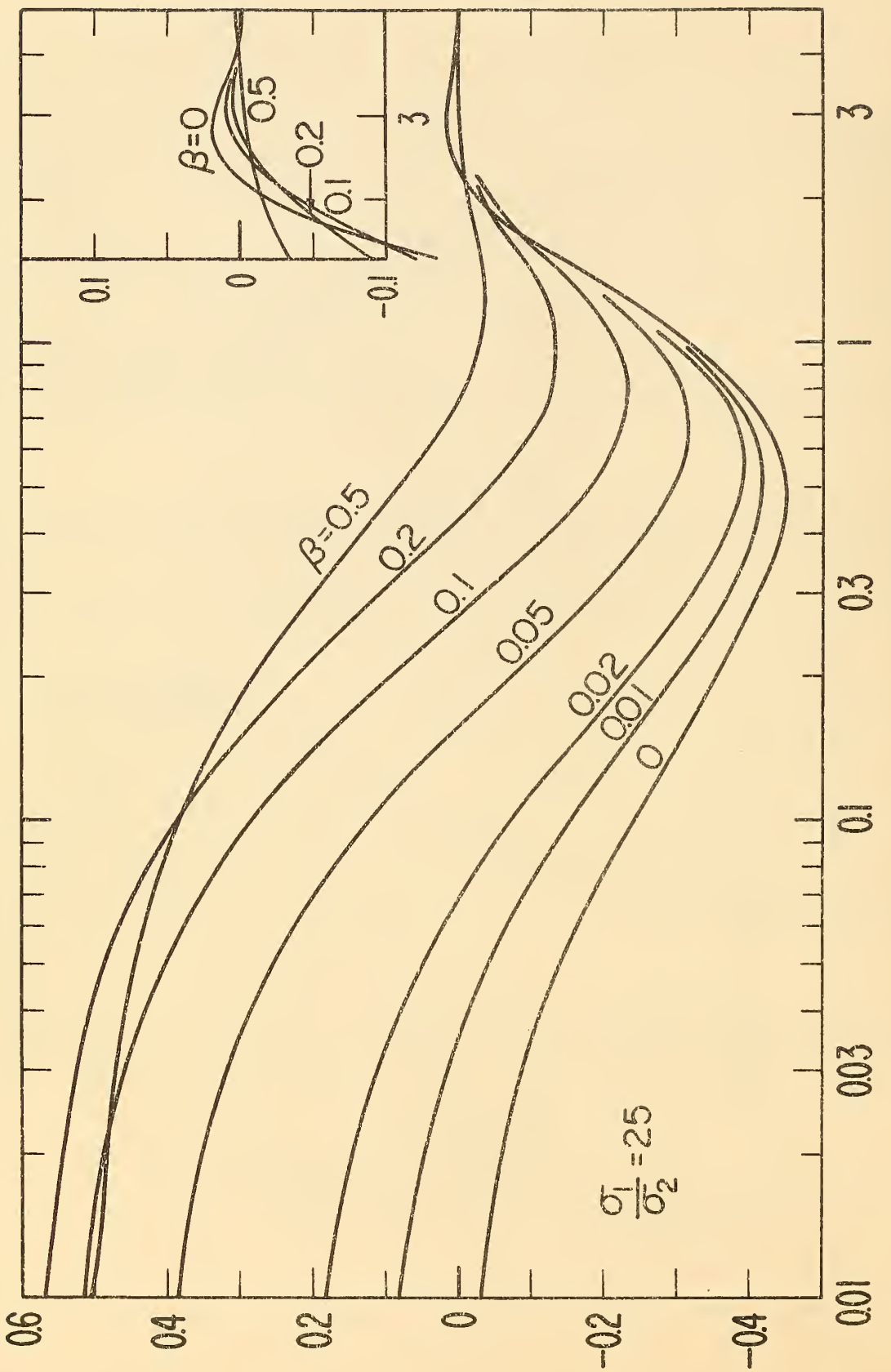

Fig. 7b The phase of the correction factor Q for a two-layer medium showing the influence of finite λ.

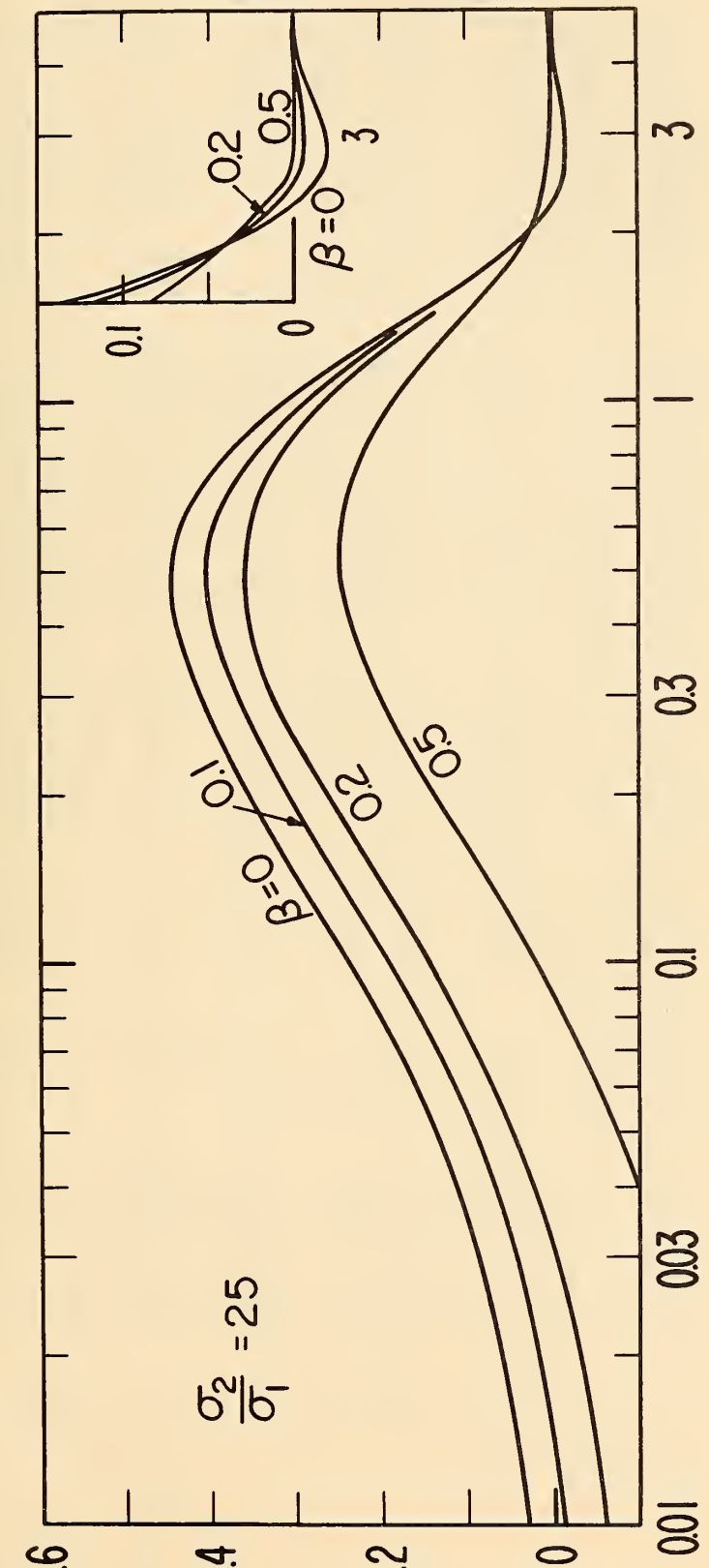

Fig. 8b The phase of the correction factor Q for a two-layer medium showing the influence of finite λ.

Appendix

Results of Computation

The actual numerical data of the function $|Q|$ and argument of Q, in radians, are given in tables on pages A-2 to A-24 for a range of values of $(\sigma_1 \mu \omega)^{\frac{1}{2}} h_1$ (denoted by V).

The tabulations in the tables on pages A-2 and A-3 are for a two-layer model where $h_2 = \infty$. Those on pages A-4 to A-6 are for various three-layer models where $\gamma_1 = \gamma_3$ and β(BETA) = 0.

The tables on pages A-7 to A-10 are for a two-layer model where β(BETA) is finite and for various values of C where $C = (\sigma_1/\sigma_2)^{\frac{1}{2}} = \gamma_1/\gamma_2$.

Finally, the tables given on pages A-11 to A-24 are for three-layer models where the β(BETA) = 0 but, in general, $\gamma_1 \neq \gamma_3$. Various values of the ratios σ_2/σ_1 and σ_3/σ_1, denoted SIGMA (2)/SIGMA (1) and SIGMA (3)/SIGMA (1), are indicated in the tables. The values of the ratio h_1/h_2, denoted H(1) and H(2), are shown in the tables.

The Fortran language was used to write the program to calculate the above graphed and tabulated values on a high-speed computer (CDC 1604). The computation required subroutines readily available in the Fortran system with the exception of the hyperbolic tangent of a complex argument. However, with the identity

$$\tanh (x + i y) = \frac{\sinh 2x}{\cosh 2x + \cos 2y} + \frac{i \sin 2y}{\cosh 2x + \cos 2y}$$

hyperbolic and trigonometric functions of real variables could be used.

As the subroutines used have a high degree of accuracy and there is little possibility to incur loss of precision, the tables should be accurate to the five digits given.

V	GAMMA(1)/GAMMA(2)=0 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)=∞ Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= .01 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= .02 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= .03 Q(AMP)	Q(PHASE)
1.0000E-02	1.0000E-02	7.8536E-01	1.0000E+02	-7.8536E-01	1.8476E-02	3.9261E-01	2.7976E-02	2.5534E-01	3.7732E-02	1.8826E-01
1.5000E-02	1.5000E-02	7.8532E-01	6.6667E+01	-7.8532E-01	2.3174E-02	4.7520E-01	3.2386E-02	3.3335E-01	4.1956E-02	2.5515E-01
2.0000E-02	2.0000E-02	7.8526E-01	5.0000E+01	-7.8526E-01	2.7976E-02	5.2967E-01	3.6946E-02	3.9235E-01	4.6334E-02	3.0957E-01
2.5000E-02	2.5000E-02	7.8519E-01	4.0000E+01	-7.8519E-01	3.2837E-02	5.6806E-01	4.1606E-02	4.3822E-01	5.0825E-02	3.5444E-01
3.0000E-02	3.0000E-02	7.8510E-01	3.3333E+01	-7.8510E-01	3.7733E-02	5.9647E-01	4.6335E-02	4.7474E-01	5.5401E-02	3.9191E-01
3.5000E-02	3.5000E-02	7.8499E-01	2.8571E+01	-7.8499E-01	4.2653E-02	6.1830E-01	5.1115E-02	5.0443E-01	6.0043E-02	4.2359E-01
4.0000E-02	4.0000E-02	7.8486E-01	2.5000E+01	-7.8486E-01	4.7589E-02	6.3557E-01	5.5932E-02	5.2897E-01	6.4737E-02	4.5064E-01
5.0000E-02	5.0000E-02	7.8456E-01	2.0000E+01	-7.8456E-01	5.7492E-02	6.6105E-01	6.5645E-02	5.6706E-01	7.4239E-02	4.9429E-01
6.0000E-02	6.0000E-02	7.8420E-01	1.6667E+01	-7.8420E-01	6.7422E-02	6.7887E-01	7.5428E-02	5.9513E-01	8.3849E-02	5.2780E-01
8.0000E-02	8.0000E-02	7.8326E-01	1.2500E+01	-7.8326E-01	8.7322E-02	7.0185E-01	9.5116E-02	6.3339E-01	1.0327E-01	5.7549E-01
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1.5000E-01	1.4999E-01	7.7790E-01	6.6669E+00	-7.7790E-01	1.5711E-01	7.3221E-01	1.6449E-01	6.9055E-01	1.7210E-01	6.5251E-01
2.0000E-01	1.9998E-01	7.7207E-01	5.0006E+00	-7.7207E-01	2.0696E-01	7.3701E-01	2.1414E-01	7.0427E-01	2.2150E-01	6.7362E-01
3.0000E-01	2.9981E-01	7.5541E-01	3.3354E+00	-7.5541E-01	3.0650E-01	7.3104E-01	3.1330E-01	7.0773E-01	3.2021E-01	6.8543E-01
4.0000E-01	3.9921E-01	7.3215E-01	2.5050E+00	-7.3215E-01	4.0549E-01	7.1306E-01	4.1185E-01	6.9457E-01	4.1826E-01	6.7668E-01
5.0000E-01	4.9759E-01	7.0240E-01	2.0097E+00	-7.0240E-01	5.0335E-01	6.8642E-01	5.0914E-01	6.7083E-01	5.1496E-01	6.5565E-01
6.0000E-01	5.9405E-01	6.6641E-01	1.6834E+00	-6.6641E-01	5.9914E-01	6.5248E-01	6.0424E-01	6.3886E-01	6.0934E-01	6.2552E-01
7.0000E-01	6.8731E-01	6.2458E-01	1.4550E+00	-6.2458E-01	6.9158E-01	6.1217E-01	6.9585E-01	6.0001E-01	7.0010E-01	5.8807E-01
8.0000E-01	7.7575E-01	5.7757E-01	1.2891E+00	-5.7757E-01	7.7908E-01	5.6640E-01	7.8239E-01	5.5543E-01	7.8567E-01	5.4466E-01
1.0000E+00	9.3080E-01	4.7198E-01	1.0744E+00	-4.7198E-01	9.3198E-01	4.6294E-01	9.3315E-01	4.5407E-01	9.3430E-01	4.4535E-01
1.2000E+00	1.0457E+00	3.5978E-01	9.5631E-01	-3.5978E-01	1.0448E+00	3.5280E-01	1.0440E+00	3.4595E-01	1.0431E+00	3.3922E-01
1.3000E+00	1.0857E+00	3.0494E-01	9.2104E-01	-3.0494E-01	1.0840E+00	2.9897E-01	1.0824E+00	2.9311E-01	1.0808E+00	2.8737E-01
1.5000E+00	1.1323E+00	2.0441E-01	8.8313E-01	-2.0441E-01	1.1296E+00	2.0036E-01	1.1269E+00	1.9639E-01	1.1243E+00	1.9249E-01
1.7000E+00	1.1428E+00	1.2188E-01	8.7508E-01	-1.2188E-01	1.1398E+00	1.1945E-01	1.1368E+00	1.1707E-01	1.1339E+00	1.1474E-01
2.0000E+00	1.1191E+00	3.6529E-02	8.9356E-01	-3.6529E-02	1.1166E+00	3.5801E-02	1.1142E+00	3.5088E-02	1.1118E+00	3.4389E-02
2.5000E+00	1.0553E+00	-2.2387E-02	9.4759E-01	2.2387E-02	1.0542E+00	-2.1943E-02	1.0531E+00	-2.1508E-02	1.0520E+00	-2.1082E-02
3.0000E+00	1.0131E+00	-2.5626E-02	9.8708E-01	2.5626E-02	1.0128E+00	-2.5118E-02	1.0126E+00	-2.4621E-02	1.0123E+00	-2.4133E-02
3.5000E+00	9.9667E-01	-1.3773E-02	1.0033E+00	1.3773E-02	9.9674E-01	-1.3500E-02	9.9680E-01	-1.3233E-02	9.9687E-01	-1.2971E-02
4.0000E+00	9.9436E-01	-4.0956E-03	1.0057E+00	4.0956E-03	9.9447E-01	-4.0145E-03	9.9458E-01	-3.9350E-03	9.9468E-01	-3.8570E-03
4.5000E+00	9.9657E-01	2.7798E-04	1.0034E+00	-2.7798E-04	9.9664E-01	2.7247E-04	9.9671E-01	2.6707E-04	9.9677E-01	2.6178E-04
5.0000E+00	9.9880E-01	1.2041E-03	1.0012E+00	-1.2041E-03	9.9883E-01	1.1803E-03	9.9885E-01	1.1569E-03	9.9887E-01	1.1340E-03

V	GAMMA(1)/GAMMA(2)= .04 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= .05 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= .07 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= .08 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 0.1 Q(AMP)	Q(PHASE)
1.0000E-02	4.7586E-02	1.4882E-01	5.7487E-02	1.2291E-01	7.7357E-02	9.0993E-02	8.7309E-02	8.0464E-02	1.0723E-01	6.5236E-02
1.5000E-02	5.1685E-02	2.0616E-01	6.1496E-02	1.7271E-01	8.1242E-02	1.3008E-01	9.1149E-02	1.1567E-01	1.1100E-01	9.4535E-02
2.0000E-02	5.5928E-02	2.5489E-01	6.5638E-02	2.1627E-01	8.5239E-02	1.6550E-01	9.5092E-02	1.4795E-01	1.1485E-01	1.2184E-01
2.5000E-02	6.0286E-02	2.9662E-01	6.9889E-02	2.5455E-01	8.9334E-02	1.9767E-01	9.9127E-02	1.7759E-01	1.1879E-01	1.4731E-01
3.0000E-02	6.4734E-02	3.3262E-01	7.4231E-02	2.8835E-01	9.3513E-02	2.2694E-01	1.0324E-01	2.0483E-01	1.2280E-01	1.7100E-01
3.5000E-02	6.9255E-02	3.6392E-01	7.8648E-02	3.1833E-01	9.7765E-02	2.5364E-01	1.0743E-01	2.2992E-01	1.2687E-01	1.9328E-01
4.0000E-02	7.3835E-02	3.9130E-01	8.3129E-02	3.4506E-01	1.0208E-01	2.7805E-01	1.1167E-01	2.5307E-01	1.3101E-01	2.1405E-01
5.0000E-02	8.3134E-02	4.3681E-01	9.2241E-02	3.9052E-01	1.1087E-01	3.2097E-01	1.2033E-01	2.9428E-01	1.3942E-01	2.5172E-01
6.0000E-02	9.2569E-02	4.7292E-01	1.0151E-01	4.2756E-01	1.1984E-01	3.5734E-01	1.2916E-01	3.2972E-01	1.4802E-01	2.8487E-01
8.0000E-02	1.1171E-01	5.2617E-01	1.2036E-01	4.8383E-01	1.3815E-01	4.1522E-01	1.4722E-01	3.8714E-01	1.6561E-01	3.4017E-01
1.0000E-01	1.3106E-01	5.6310E-01	1.3948E-01	5.2409E-01	1.5680E-01	4.5875E-01	1.6564E-01	4.3120E-01	1.8360E-01	3.8403E-01
1.5000E-01	1.7991E-01	6.1771E-01	1.8789E-01	5.8582E-01	2.0428E-01	5.2957E-01	2.1264E-01	5.0468E-01	2.2963E-01	4.6031E-01
2.0000E-01	2.2901E-01	6.4507E-01	2.3666E-01	6.1828E-01	2.5231E-01	5.6959E-01	2.6028E-01	5.4743E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.2720E-01	6.6408E-01	3.3429E-01	6.4364E-01	3.4868E-01	6.0527E-01	3.5596E-01	5.8725E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.2472E-01	6.5935E-01	4.3123E-01	6.4257E-01	4.4438E-01	6.1053E-01	4.5100E-01	5.9524E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.2080E-01	6.4085E-01	5.2666E-01	6.2641E-01	5.3842E-01	5.9860E-01	5.4432E-01	5.8520E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.1444E-01	6.1248E-01	6.1954E-01	5.9970E-01	6.2973E-01	5.7495E-01	6.3481E-01	5.6296E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.0434E-01	5.7637E-01	7.0856E-01	5.6488E-01	7.1696E-01	5.4255E-01	7.2114E-01	5.3170E-01	7.2942E-01	5.1058E-01
8.0000E-01	7.8894E-01	5.3408E-01	7.9218E-01	5.2369E-01	7.9860E-01	5.0345E-01	8.0178E-01	4.9359E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.3544E-01	4.3678E-01	9.3657E-01	4.2836E-01	9.3878E-01	4.1195E-01	9.3987E-01	4.0396E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0423E+00	3.3261E-01	1.0415E+00	3.2612E-01	1.0399E+00	3.1349E-01	1.0391E+00	3.0735E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0792E+00	2.8173E-01	1.0776E+00	2.7620E-01	1.0745E+00	2.6543E-01	1.0730E+00	2.6019E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1217E+00	1.8867E-01	1.1192E+00	1.8493E-01	1.1143E+00	1.7765E-01	1.1120E+00	1.7411E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1311E+00	1.1245E-01	1.1284E+00	1.1021E-01	1.1230E+00	1.0585E-01	1.1205E+00	1.0373E-01	1.1155E+00	9.9615E-02
2.0000E+00	1.1095E+00	3.3704E-02	1.1072E+00	3.3032E-02	1.1027E+00	3.1726E-02	1.1006E+00	3.1091E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0509E+00	-2.0663E-02	1.0499E+00	-2.0253E-02	1.0479E+00	-1.9455E-02	1.0469E+00	-1.9067E-02	1.0450E+00	-1.8313E-02
3.0000E+00	1.0121E+00	-2.3655E-02	1.0118E+00	-2.3185E-02	1.0114E+00	-2.2273E-02	1.0111E+00	-2.1830E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9693E-01	-1.2713E-02	9.9699E-01	-1.2461E-02	9.9711E-01	-1.1971E-02	9.9717E-01	-1.1733E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9479E-01	-3.7806E-03	9.9489E-01	-3.7056E-03	9.9509E-01	-3.5597E-03	9.9519E-01	-3.4889E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9684E-01	2.5659E-04	9.9690E-01	2.5150E-04	9.9702E-01	2.4160E-04	9.9708E-01	2.3679E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9889E-01	1.1115E-03	9.9892E-01	1.0894E-03	9.9896E-01	1.0466E-03	9.9898E-01	1.0257E-03	9.9902E-01	9.8518E-04

V	GAMMA(1)/GAMMA(2)= 0.15 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 0.2 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 0.3 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 0.4 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 0.5 Q(AMP)	Q(PHASE)
1.0000E-02	1.5706E-01	4.3927E-02	2.0690E-01	3.2721E-02	3.0650E-01	2.0906E-02	4.0598E-01	1.4548E-02	5.0533E-01	1.0421E-02
1.5000E-02	1.6070E-01	6.4352E-02	2.1043E-01	4.8199E-02	3.0980E-01	3.0960E-02	4.0901E-01	2.1599E-02	5.0802E-01	1.5493E-02
2.0000E-02	1.6440E-01	8.3817E-02	2.1400E-01	6.3116E-02	3.1313E-01	4.0758E-02	4.1205E-01	2.8506E-02	5.1071E-01	2.0475E-02
2.5000E-02	1.6816E-01	1.0237E-01	2.1763E-01	7.7492E-02	3.1649E-01	5.0303E-02	4.1511E-01	3.5269E-02	5.1342E-01	2.5368E-02
3.0000E-02	1.7198E-01	1.2006E-01	2.2129E-01	9.1348E-02	3.1988E-01	5.9602E-02	4.1819E-01	4.1893E-02	5.1615E-01	3.0173E-02
3.5000E-02	1.7585E-01	1.3693E-01	2.2500E-01	1.0470E-01	3.2329E-01	6.8662E-02	4.2129E-01	4.8378E-02	5.1888E-01	3.4891E-02
4.0000E-02	1.7976E-01	1.5302E-01	2.2874E-01	1.1758E-01	3.2673E-01	7.7487E-02	4.2440E-01	5.4727E-02	5.2162E-01	3.9522E-02
5.0000E-02	1.8772E-01	1.8303E-01	2.3634E-01	1.4195E-01	3.3368E-01	9.4456E-02	4.3068E-01	6.7027E-02	5.2714E-01	4.8533E-02
6.0000E-02	1.9583E-01	2.1039E-01	2.4407E-01	1.6461E-01	3.4072E-01	1.1055E-01	4.3701E-01	7.8812E-02	5.3270E-01	5.7212E-02
8.0000E-02	2.1244E-01	2.5821E-01	2.5986E-01	2.0530E-01	3.5504E-01	1.4030E-01	4.4985E-01	1.0090E-01	5.4392E-01	7.3614E-02
1.0000E-01	2.2946E-01	2.9831E-01	2.7602E-01	2.4057E-01	3.6963E-01	1.6705E-01	4.6287E-01	1.2114E-01	5.5525E-01	8.8796E-02
1.5000E-01	2.7317E-01	3.7340E-01	3.1755E-01	3.0985E-01	4.0701E-01	2.2258E-01	4.9605E-01	1.6441E-01	5.8395E-01	1.2183E-01
2.0000E-01	3.1787E-01	4.2352E-01	3.6009E-01	3.5889E-01	4.4520E-01	2.6480E-01	5.2976E-01	1.9863E-01	6.1293E-01	1.4856E-01
3.0000E-01	4.0819E-01	4.7924E-01	4.4620E-01	4.1740E-01	5.2240E-01	3.1977E-01	5.9751E-01	2.4549E-01	6.7071E-01	1.8633E-01
4.0000E-01	4.9796E-01	5.0000E-01	5.3174E-01	4.4250E-01	5.9875E-01	3.4704E-01	6.6402E-01	2.7057E-01	7.2588E-01	2.0747E-01
5.0000E-01	5.8569E-01	4.9979E-01	6.1506E-01	4.4656E-01	6.7255E-01	3.5536E-01	7.2771E-01	2.7985E-01	7.8012E-01	2.1605E-01
6.0000E-01	6.7008E-01	4.8546E-01	6.9477E-01	4.3623E-01	7.4239E-01	3.5022E-01	7.8733E-01	2.7752E-01	8.2941E-01	2.1518E-01
7.0000E-01	7.4977E-01	4.6100E-01	7.6952E-01	4.1558E-01	8.0706E-01	3.3534E-01	8.4187E-01	2.6669E-01	8.7398E-01	2.0731E-01
8.0000E-01	8.2335E-01	4.2914E-01	8.3802E-01	3.8750E-01	8.6549E-01	3.1349E-01	8.9053E-01	2.4979E-01	9.1330E-01	1.9442E-01
1.0000E+00	9.4711E-01	3.5160E-01	9.5190E-01	3.1769E-01	9.6063E-01	2.5729E-01	9.6835E-01	2.0517E-01	9.7520E-01	1.5978E-01
1.2000E+00	1.0341E+00	2.6717E-01	1.0308E+00	2.4123E-01	1.0249E+00	1.9515E-01	1.0199E+00	1.5550E-01	1.0154E+00	1.2103E-01
1.3000E+00	1.0633E+00	2.2601E-01	1.0571E+00	2.0398E-01	1.0460E+00	1.6490E-01	1.0366E+00	1.3133E-01	1.0284E+00	1.0219E-01
1.5000E+00	1.0966E+00	1.5106E-01	1.0868E+00	1.3624E-01	1.0697E+00	1.1003E-01	1.0551E+00	8.7575E-02	1.0426E+00	6.8111E-02
1.7000E+00	1.1038E+00	8.9955E-02	1.0932E+00	8.1109E-02	1.0746E+00	6.5478E-02	1.0590E+00	5.2097E-02	1.0456E+00	4.0511E-02
2.0000E+00	1.0867E+00	2.6962E-02	1.0779E+00	2.4311E-02	1.0624E+00	1.9627E-02	1.0494E+00	1.5616E-02	1.0382E+00	1.2143E-02
2.5000E+00	1.0406E+00	-1.6542E-02	1.0365E+00	-1.4919E-02	1.0294E+00	-1.2049E-02	1.0233E+00	-9.5892E-03	1.0181E+00	-7.4579E-03
3.0000E+00	1.0097E+00	-1.8941E-02	1.0087E+00	-1.7084E-02	1.0070E+00	-1.3799E-02	1.0056E+00	-1.0983E-02	1.0043E+00	-8.5421E-03
3.5000E+00	9.9754E-01	-1.0180E-02	9.9778E-01	-9.1820E-03	9.9821E-01	-7.4163E-03	9.9857E-01	-5.9027E-03	9.9889E-01	-4.5910E-03
4.0000E+00	9.9582E-01	-3.0272E-03	9.9623E-01	-2.7304E-03	9.9696E-01	-2.2053E-03	9.9758E-01	-1.7553E-03	9.9811E-01	-1.3652E-03
4.5000E+00	9.9747E-01	2.0546E-04	9.9771E-01	1.8532E-04	9.9815E-01	1.4968E-04	9.9853E-01	1.1913E-04	9.9886E-01	9.2658E-05
5.0000E+00	9.9911E-01	8.8999E-04	9.9920E-01	8.0274E-04	9.9936E-01	6.4837E-04	9.9949E-01	5.1605E-04	9.9960E-01	4.0137E-04

V	GAMMA(1)/GAMMA(2)= 0.7 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 0.9 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 1.0 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 1.5 Q(AMP)	Q(PHASE)	GAMMA(1)/GAMMA(2)= 2.0 Q(AMP)	Q(PHASE)
1.0000E-02	7.0562E-01	5.0747E-03	9.0134E-01	1.4717E-03	1.0000E+00	.0000E-01	1.4912E+00	-5.8028E-03	1.9789E+00	-1.0421E-02
1.5000E-02	7.0543E-01	7.5547E-03	9.0202E-01	2.1918E-03	1.0000E+00	.0000E-01	1.4868E+00	-8.6375E-03	1.9684E+00	-1.5493E-02
2.0000E-02	7.0725E-01	9.9969E-03	9.0269E-01	2.9015E-03	1.0000E+00	.0000E-01	1.4824E+00	-1.1428E-02	1.9580E+00	-2.0475E-02
2.5000E-02	7.0907E-01	1.2402E-02	9.0336E-01	3.6009E-03	1.0000E+00	.0000E-01	1.4781E+00	-1.4175E-02	1.9477E+00	-2.5368E-02
3.0000E-02	7.1089E-01	1.4769E-02	9.0404E-01	4.2900E-03	1.0000E+00	-8.7172E-13	1.4737E+00	-1.6879E-02	1.9374E+00	-3.0173E-02
3.5000E-02	7.1272E-01	1.7100E-02	9.0471E-01	4.9690E-03	1.0000E+00	.0000E-01	1.4694E+00	-1.9541E-02	1.9272E+00	-3.4891E-02
4.0000E-02	7.1456E-01	1.9394E-02	9.0538E-01	5.6380E-03	1.0000E+00	-8.5947E-13	1.4651E+00	-2.2160E-02	1.9171E+00	-3.9522E-02
5.0000E-02	7.1823E-01	2.3875E-02	9.0673E-01	6.9459E-03	1.0000E+00	.0000E-01	1.4565E+00	-2.7272E-02	1.8970E+00	-4.8533E-02
6.0000E-02	7.2191E-01	2.8213E-02	9.0808E-01	8.2144E-03	1.0000E+00	.0000E-01	1.4480E+00	-3.2219E-02	1.8772E+00	-5.7212E-02
8.0000E-02	7.2930E-01	3.6473E-02	9.1077E-01	1.0636E-02	1.0000E+00	.0000E-01	1.4313E+00	-4.1632E-02	1.8385E+00	-7.3614E-02
1.0000E-01	7.3672E-01	4.4196E-02	9.1345E-01	1.2906E-02	1.0000E+00	3.1583E-12	1.4148E+00	-5.0424E-02	1.8010E+00	-8.8796E-02
1.5000E-01	7.5529E-01	6.1279E-02	9.2010E-01	1.7957E-02	1.0000E+00	-2.9429E-12	1.3752E+00	-6.9837E-02	1.7125E+00	-1.2183E-01
2.0000E-01	7.7379E-01	7.5428E-02	9.2663E-01	2.2171E-02	1.0000E+00	-5.4849E-12	1.3378E+00	-8.5876E-02	1.6315E+00	-1.4856E-01
3.0000E-01	8.0999E-01	9.6043E-02	9.3916E-01	2.8376E-02	1.0000E+00	.0000E-01	1.2699E+00	-1.0917E-01	1.4910E+00	-1.8633E-01
4.0000E-01	8.4439E-01	1.0811E-01	9.5078E-01	3.2063E-02	1.0000E+00	.0000E-01	1.2113E+00	-1.2274E-01	1.3757E+00	-2.0747E-01
5.0000E-01	8.7628E-01	1.1343E-01	9.6132E-01	3.3727E-02	1.0000E+00	-7.2498E-12	1.1614E+00	-1.2867E-01	1.2819E+00	-2.1605E-01
6.0000E-01	9.0517E-01	1.1351E-01	9.7066E-01	3.3811E-02	1.0000E+00	-6.3635E-12	1.1195E+00	-1.2870E-01	1.2057E+00	-2.1518E-01
7.0000E-01	9.3073E-01	1.0967E-01	9.7877E-01	3.2701E-02	1.0000E+00	-5.6239E-12	1.0847E+00	-1.2431E-01	1.1442E+00	-2.0731E-01
8.0000E-01	9.5283E-01	1.0301E-01	9.8566E-01	3.0730E-02	1.0000E+00	.0000E-01	1.0562E+00	-1.1673E-01	1.0949E+00	-1.9442E-01
1.0000E+00	9.8673E-01	8.4709E-02	9.9602E-01	2.5277E-02	1.0000E+00	.0000E-01	1.0152E+00	-9.5989E-02	1.0254E+00	-1.5978E-01
1.2000E+00	1.0082E+00	6.4131E-02	1.0024E+00	1.9132E-02	1.0000E+00	-3.5922E-12	9.9083E-01	-7.2675E-02	9.8479E-01	-1.2103E-01
1.3000E+00	1.0149E+00	5.4129E-02	1.0044E+00	1.6147E-02	1.0000E+00	.0000E-01	9.8333E-01	-6.1343E-02	9.7241E-01	-1.0219E-01
1.5000E+00	1.0224E+00	3.6058E-02	1.0066E+00	1.0754E-02	1.0000E+00	.0000E-01	9.7524E-01	-4.0866E-02	9.5910E-01	-6.8111E-02
1.7000E+00	1.0239E+00	2.1441E-02	1.0071E+00	6.3942E-03	1.0000E+00	3.1811E-12	9.7361E-01	-2.4301E-02	9.5641E-01	-4.0511E-02
2.0000E+00	1.0200E+00	6.4272E-03	1.0059E+00	1.9167E-03	1.0000E+00	.0000E-01	9.7776E-01	-7.2844E-03	9.6320E-01	-1.2143E-02
2.5000E+00	1.0095E+00	-3.9481E-03	1.0028E+00	-1.1775E-03	1.0000E+00	.0000E-01	9.8929E-01	4.4745E-03	9.8222E-01	7.4579E-03
3.0000E+00	1.0023E+00	-4.5223E-03	1.0007E+00	-1.3487E-03	1.0000E+00	.0000E-01	9.9740E-01	5.1252E-03	9.9567E-01	8.5421E-03
3.5000E+00	9.9941E-01	-2.4305E-03	9.9982E-01	-7.2490E-04	1.0000E+00	.0000E-01	1.0007E+00	2.7546E-03	1.0011E+00	4.5910E-03
4.0000E+00	9.9900E-01	-7.2275E-04	9.9970E-01	-2.1556E-04	1.0000E+00	5.7166E-14	1.0011E+00	8.1912E-04	1.0019E+00	1.3652E-03
4.5000E+00	9.9939E-01	4.9054E-05	9.9982E-01	1.4630E-05	1.0000E+00	.0000E-01	1.0007E+00	-5.5595E-05	1.0011E+00	-9.2658E-05
5.0000E+00	9.9979E-01	2.1249E-04	9.9994E-01	6.3274E-05	1.0000E+00	-1.4228E-14	1.0002E+00	-2.4082E-04	1.0004E+00	-4.0137E-04

BETA = 0 $|Y_2 h_2| = \infty$

	GAMMA(1)/GAMMA(2)= 2.5		GAMMA(1)/GAMMA(2)= 3.0		GAMMA(1)/GAMMA(2)= 3.5		GAMMA(1)/GAMMA(2)= 4.0		GAMMA(1)/GAMMA(2)= 4.5	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	2.4632E+00	-1.4548E-02	2.9440E+00	-1.8417E-02	3.4214E+00	-2.2129E-02	3.8954E+00	-2.5734E-02	4.3660E+00	-2.9259E-02
1.5000E-02	2.4450E+00	-2.1599E-02	2.9164E+00	-2.7304E-02	3.3828E+00	-3.2755E-02	3.8442E+00	-3.8030E-02	4.3007E+00	-4.3169E-02
2.0000E-02	2.4269E+00	-2.8506E-02	2.8891E+00	-3.5980E-02	3.3447E+00	-4.3098E-02	3.7938E+00	-4.9959E-02	4.2365E+00	-5.6620E-02
2.5000E-02	2.4090E+00	-3.5269E-02	2.8621E+00	-4.4452E-02	3.3071E+00	-5.3164E-02	3.7442E+00	-6.1531E-02	4.1734E+00	-6.9626E-02
3.0000E-02	2.3913E+00	-4.1893E-02	2.8354E+00	-5.2723E-02	3.2700E+00	-6.2960E-02	3.6954E+00	-7.2758E-02	4.1116E+00	-8.2203E-02
3.5000E-02	2.3737E+00	-4.8378E-02	2.8090E+00	-6.0796E-02	3.2335E+00	-7.2494E-02	3.6474E+00	-8.3649E-02	4.0510E+00	-9.4364E-02
4.0000E-02	2.3563E+00	-5.4727E-02	2.7830E+00	-6.8678E-02	3.1975E+00	-8.1771E-02	3.6002E+00	-9.4214E-02	3.9915E+00	-1.0612E-01
5.0000E-02	2.3219E+00	-6.7027E-02	2.7318E+00	-8.3878E-02	3.1271E+00	-9.9583E-02	3.5084E+00	-1.1440E-01	3.8762E+00	-1.2849E-01
6.0000E-02	2.2883E+00	-7.8812E-02	2.6819E+00	-9.8356E-02	3.0588E+00	-1.1645E-01	3.4199E+00	-1.3340E-01	3.7657E+00	-1.4941E-01
8.0000E-02	2.2230E+00	-1.0090E-01	2.5859E+00	-1.2527E-01	2.9287E+00	-1.4752E-01	3.2525E+00	-1.6810E-01	3.5587E+00	-1.8730E-01
1.0000E-01	2.1604E+00	-1.2114E-01	2.4951E+00	-1.4964E-01	2.8069E+00	-1.7535E-01	3.0977E+00	-1.9884E-01	3.3692E+00	-2.2050E-01
1.5000E-01	2.0159E+00	-1.6441E-01	2.2895E+00	-2.0086E-01	2.5366E+00	-2.3280E-01	2.7605E+00	-2.6122E-01	2.9638E+00	-2.8674E-01
2.0000E-01	1.8876E+00	-1.9863E-01	2.1119E+00	-2.4040E-01	2.3092E+00	-2.7614E-01	2.4837E+00	-3.0722E-01	2.6387E+00	-3.3458E-01
3.0000E-01	1.6736E+00	-2.4549E-01	1.8261E+00	-2.9292E-01	1.9548E+00	-3.3203E-01	2.0646E+00	-3.6495E-01	2.1591E+00	-3.9307E-01
4.0000E-01	1.5060E+00	-2.7057E-01	1.6110E+00	-3.1977E-01	1.6970E+00	-3.5935E-01	1.7687E+00	-3.9193E-01	1.8291E+00	-4.1925E-01
5.0000E-01	1.3742E+00	-2.7985E-01	1.4467E+00	-3.2867E-01	1.5050E+00	-3.6732E-01	1.5527E+00	-3.9869E-01	1.5924E+00	-4.2468E-01
6.0000E-01	1.2701E+00	-2.7752E-01	1.3198E+00	-3.2467E-01	1.3592E+00	-3.6161E-01	1.3910E+00	-3.9133E-01	1.4173E+00	-4.1578E-01
7.0000E-01	1.1878E+00	-2.6669E-01	1.2211E+00	-3.1130E-01	1.2471E+00	-3.4603E-01	1.2680E+00	-3.7384E-01	1.2852E+00	-3.9660E-01
8.0000E-01	1.1229E+00	-2.4979E-01	1.1440E+00	-2.9122E-01	1.1605E+00	-3.2338E-01	1.1736E+00	-3.4906E-01	1.1844E+00	-3.7004E-01
1.0000E+00	1.0327E+00	-2.0517E-01	1.0381E+00	-2.3908E-01	1.0423E+00	-2.6537E-01	1.0456E+00	-2.8634E-01	1.0483E+00	-3.0346E-01
1.2000E+00	9.8053E-01	-1.5550E-01	9.7738E-01	-1.8129E-01	9.7494E-01	-2.0131E-01	9.7301E-01	-2.1730E-01	9.7144E-01	-2.3036E-01
1.3000E+00	9.6473E-01	-1.3133E-01	9.5903E-01	-1.5316E-01	9.5464E-01	-1.7012E-01	9.5116E-01	-1.8367E-01	9.4833E-01	-1.9475E-01
1.5000E+00	9.4775E-01	-8.7575E-02	9.3935E-01	-1.0217E-01	9.3288E-01	-1.1353E-01	9.2774E-01	-1.2261E-01	9.2356E-01	-1.3005E-01
1.7000E+00	9.4432E-01	-5.2097E-02	9.3535E-01	-6.0793E-02	9.2844E-01	-6.7561E-02	9.2295E-01	-7.2978E-02	9.1848E-01	-7.7412E-02
2.0000E+00	9.5294E-01	-1.5616E-02	9.4531E-01	-1.8223E-02	9.3942E-01	-2.0251E-02	9.3473E-01	-2.1875E-02	9.3091E-01	-2.3204E-02
2.5000E+00	9.7720E-01	9.5892E-03	9.7345E-01	1.1188E-02	9.7054E-01	1.2432E-02	9.6822E-01	1.3427E-02	9.6633E-01	1.4241E-02
3.0000E+00	9.9444E-01	1.0983E-02	9.9352E-01	1.2813E-02	9.9280E-01	1.4237E-02	9.9223E-01	1.5376E-02	9.9176E-01	1.6308E-02
3.5000E+00	1.0014E+00	5.9027E-03	1.0017E+00	6.8865E-03	1.0019E+00	7.6517E-03	1.0020E+00	8.2638E-03	1.0021E+00	8.7646E-03
4.0000E+00	1.0024E+00	1.7553E-03	1.0028E+00	2.0478E-03	1.0031E+00	2.2753E-03	1.0034E+00	2.4574E-03	1.0036E+00	2.6063E-03
4.5000E+00	1.0015E+00	-1.1913E-04	1.0017E+00	-1.3899E-04	1.0019E+00	-1.5443E-04	1.0021E+00	-1.6679E-04	1.0022E+00	-1.7689E-04
5.0000E+00	1.0005E+00	-5.1605E-04	1.0006E+00	-6.0205E-04	1.0007E+00	-6.6895E-04	1.0007E+00	-7.2247E-04	1.0008E+00	-7.6625E-04

	GAMMA(1)/GAMMA(2)= 5.0		GAMMA(1)/GAMMA(2)= 6.0		GAMMA(1)/GAMMA(2)= 6.5		GAMMA(1)/GAMMA(2)= 7.0		GAMMA(1)/GAMMA(2)= 8.0	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	4.8333E+00	-3.2721E-02	5.7578E+00	-3.9499E-02	6.2151E+00	-4.2826E-02	6.6692E+00	-4.6117E-02	7.5675E+00	-5.2604E-02
1.5000E-02	4.7522E+00	-4.8199E-02	5.6409E+00	-5.7991E-02	6.0780E+00	-6.2773E-02	6.5105E+00	-6.7487E-02	7.3615E+00	-7.6727E-02
2.0000E-02	4.6728E+00	-6.3116E-02	5.5268E+00	-7.5695E-02	5.9447E+00	-8.1804E-02	6.3565E+00	-8.7806E-02	7.1626E+00	-9.9511E-02
2.5000E-02	4.5950E+00	-7.7492E-02	5.4157E+00	-9.2644E-02	5.8151E+00	-9.9965E-02	6.2073E+00	-1.0713E-01	6.9709E+00	-1.2104E-01
3.0000E-02	4.5189E+00	-9.1348E-02	5.3075E+00	-1.0887E-01	5.6892E+00	-1.1730E-01	6.0628E+00	-1.2552E-01	6.7862E+00	-1.4139E-01
3.5000E-02	4.4445E+00	-1.0470E-01	5.2023E+00	-1.2442E-01	5.5672E+00	-1.3384E-01	5.9230E+00	-1.4301E-01	6.6085E+00	-1.6063E-01
4.0000E-02	4.3717E+00	-1.1758E-01	5.1000E+00	-1.3930E-01	5.4488E+00	-1.4964E-01	5.7879E+00	-1.5967E-01	6.4378E+00	-1.7884E-01
5.0000E-02	4.2311E+00	-1.4195E-01	4.9041E+00	-1.6723E-01	5.2232E+00	-1.7915E-01	5.5312E+00	-1.9063E-01	6.1160E+00	-2.1240E-01
6.0000E-02	4.0972E+00	-1.6461E-01	4.7195E+00	-1.9289E-01	5.0116E+00	-2.0611E-01	5.2919E+00	-2.1876E-01	5.8194E+00	-2.4255E-01
8.0000E-02	3.8482E+00	-2.0530E-01	4.3819E+00	-2.3822E-01	4.6280E+00	-2.5334E-01	4.8614E+00	-2.6768E-01	5.2935E+00	-2.9422E-01
1.0000E-01	3.6230E+00	-2.4057E-01	4.0828E+00	-2.7672E-01	4.2914E+00	-2.9308E-01	4.4874E+00	-3.0844E-01	4.8451E+00	-3.3652E-01
1.5000E-01	3.1491E+00	-3.0985E-01	3.4734E+00	-3.5014E-01	3.6158E+00	-3.6782E-01	3.7469E+00	-3.8413E-01	3.9800E+00	-4.1320E-01
2.0000E-01	2.7771E+00	-3.5889E-01	3.0131E+00	-4.0023E-01	3.1144E+00	-4.1797E-01	3.2063E+00	-4.3412E-01	3.3668E+00	-4.6240E-01
3.0000E-01	2.2412E+00	-4.1740E-01	2.3763E+00	-4.5743E-01	2.4325E+00	-4.7409E-01	2.4827E+00	-4.8900E-01	2.5684E+00	-5.1454E-01
4.0000E-01	1.8806E+00	-4.4250E-01	1.9638E+00	-4.7998E-01	1.9978E+00	-4.9530E-01	2.0278E+00	-5.0887E-01	2.0786E+00	-5.3183E-01
5.0000E-01	1.6259E+00	-4.4656E-01	1.6792E+00	-4.8140E-01	1.7008E+00	-4.9549E-01	1.7198E+00	-5.0789E-01	1.7515E+00	-5.2871E-01
6.0000E-01	1.4393E+00	-4.3623E-01	1.4741E+00	-4.6853E-01	1.4881E+00	-4.8151E-01	1.5003E+00	-4.9289E-01	1.5208E+00	-5.1191E-01
7.0000E-01	1.2995E+00	-4.1558E-01	1.3220E+00	-4.4543E-01	1.3310E+00	-4.5737E-01	1.3389E+00	-4.6782E-01	1.3520E+00	-4.8524E-01
8.0000E-01	1.1933E+00	-3.8750E-01	1.2073E+00	-4.1488E-01	1.2128E+00	-4.2582E-01	1.2177E+00	-4.3538E-01	1.2258E+00	-4.5129E-01
1.0000E+00	1.0505E+00	-3.1769E-01	1.0540E+00	-3.3999E-01	1.0554E+00	-3.4889E-01	1.0566E+00	-3.5667E-01	1.0587E+00	-3.6960E-01
1.2000E+00	9.7014E-01	-2.4123E-01	9.6810E-01	-2.5829E-01	9.6730E-01	-2.6510E-01	9.6659E-01	-2.7105E-01	9.6542E-01	-2.8097E-01
1.3000E+00	9.4599E-01	-2.0398E-01	9.4233E-01	-2.1846E-01	9.4087E-01	-2.2425E-01	9.3960E-01	-2.2931E-01	9.3749E-01	-2.3774E-01
1.5000E+00	9.2010E-01	-1.3624E-01	9.1469E-01	-1.4598E-01	9.1254E-01	-1.4987E-01	9.1066E-01	-1.5328E-01	9.0755E-01	-1.5896E-01
1.7000E+00	9.1478E-01	-8.1109E-02	9.0899E-01	-8.6921E-02	9.0669E-01	-8.9247E-02	9.0467E-01	-9.1282E-02	9.0133E-01	-9.4676E-02
2.0000E+00	9.2774E-01	-2.4311E-02	9.2278E-01	-2.6053E-02	9.2081E-01	-2.6750E-02	9.1908E-01	-2.7360E-02	9.1621E-01	-2.8377E-02
2.5000E+00	9.6475E-01	1.4919E-02	9.6228E-01	1.5986E-02	9.6130E-01	1.6412E-02	9.6043E-01	1.6786E-02	9.5900E-01	1.7408E-02
3.0000E+00	9.9137E-01	1.7084E-02	9.9075E-01	1.8304E-02	9.9051E-01	1.8792E-02	9.9029E-01	1.9220E-02	9.8993E-01	1.9931E-02
3.5000E+00	1.0022E+00	9.1820E-03	1.0024E+00	9.8379E-03	1.0024E+00	1.0100E-02	1.0025E+00	1.0330E-02	1.0026E+00	1.0712E-02
4.0000E+00	1.0038E+00	2.7304E-03	1.0041E+00	2.9254E-03	1.0042E+00	3.0035E-03	1.0043E+00	3.0717E-03	1.0044E+00	3.1655E-03
4.5000E+00	1.0023E+00	-1.8532E-04	1.0025E+00	-1.9855E-04	1.0025E+00	-2.0385E-04	1.0026E+00	-2.0848E-04	1.0027E+00	-2.1620E-04
5.0000E+00	1.0008E+00	-8.0274E-04	1.0009E+00	-8.6008E-04	1.0009E+00	-8.8301E-04	1.0009E+00	-9.0308E-04	1.0009E+00	-9.3653E-04

	GAMMA(1)/GAMMA(2)= 10.0		GAMMA(1)/GAMMA(2)= 12.0		GAMMA(1)/GAMMA(2)= 15.0		GAMMA(1)/GAMMA(2)= 18.0		GAMMA(1)/GAMMA(2)= 20.0	
V	Q(AMP)	Q(PMASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PMASE)	Q(AMP)	Q(PHASE)
1.0000E-02	9.3259E+00	-6.5236E-02	1.1034E+01	-7.7465E-02	1.3506E+01	-9.5128E-02	1.5873E+01	-1.1204E-01	1.7395E+01	-1.2291E-01
1.5000E-02	9.0093E+00	-9.4535E-02	1.0587E+01	-1.1154E-01	1.2830E+01	-1.3569E-01	1.4932E+01	-1.5836E-01	1.6261E+01	-1.7271E-01
2.0000E-02	8.7067E+00	-1.2184E-01	1.0165E+01	-1.4288E-01	1.2201E+01	-1.7228E-01	1.4072E+01	-1.9937E-01	1.5235E+01	-2.1627E-01
2.5000E-02	8.4182E+00	-1.4731E-01	9.7658E+00	-1.7174E-01	1.1617E+01	-2.0537E-01	1.3286E+01	-2.3582E-01	1.4308E+01	-2.5455E-01
3.0000E-02	8.1433E+00	-1.7108E-01	9.3902E+00	-1.9835E-01	1.1077E+01	-2.3536E-01	1.2570E+01	-2.6832E-01	1.3471E+01	-2.8835E-01
3.5000E-02	7.8819E+00	-1.9328E-01	9.0368E+00	-2.2293E-01	1.0576E+01	-2.6261E-01	1.1916E+01	-2.9743E-01	1.2715E+01	-3.1833E-01
4.0000E-02	7.6333E+00	-2.1405E-01	8.7043E+00	-2.4567E-01	1.0111E+01	-2.8744E-01	1.1318E+01	-3.2359E-01	1.2030E+01	-3.4506E-01
5.0000E-02	7.1724E+00	-2.5172E-01	8.0973E+00	-2.8628E-01	9.2818E+00	-3.3090E-01	1.0270E+01	-3.6855E-01	1.0841E+01	-3.9052E-01
6.0000E-02	6.7561E+00	-2.8487E-01	7.5594E+00	-3.2137E-01	8.5653E+00	-3.6752E-01	9.3855E+00	-4.0565E-01	9.8514E+00	-4.2756E-01
8.0000E-02	6.0385E+00	-3.4017E-01	6.6551E+00	-3.7852E-01	7.3994E+00	-4.2541E-01	7.9844E+00	-4.6284E-01	8.3084E+00	-4.8383E-01
1.0000E-01	5.4468E+00	-3.8403E-01	5.9307E+00	-4.2265E-01	6.4986E+00	-4.6862E-01	6.9330E+00	-5.0438E-01	7.1693E+00	-5.2409E-01
1.5000E-01	4.3548E+00	-4.6031E-01	4.6415E+00	-4.9681E-01	4.9625E+00	-5.3831E-01	5.1977E+00	-5.6925E-01	5.3221E+00	-5.8582E-01
2.0000E-01	3.6173E+00	-5.0691E-01	3.8030E+00	-5.4034E-01	4.0053E+00	-5.7729E-01	4.1500E+00	-6.0413E-01	4.2254E+00	-6.1828E-01
3.0000E-01	2.6976E+00	-5.5334E-01	2.7901E+00	-5.8141E-01	2.8880E+00	-6.1144E-01	2.9563E+00	-6.3266E-01	2.9914E+00	-6.4364E-01
4.0000E-01	2.1537E+00	-5.6602E-01	2.2065E+00	-5.9025E-01	2.2615E+00	-6.1573E-01	2.2996E+00	-6.3347E-01	2.3189E+00	-6.4257E-01
5.0000E-01	1.7981E+00	-5.5935E-01	1.8305E+00	-5.8080E-01	1.8641E+00	-6.0314E-01	1.8871E+00	-6.1855E-01	1.8988E+00	-6.2641E-01
6.0000E-01	1.5505E+00	-5.3969E-01	1.5711E+00	-5.5901E-01	1.5923E+00	-5.7900E-01	1.6068E+00	-5.9272E-01	1.6141E+00	-5.9970E-01
7.0000E-01	1.3709E+00	-5.1056E-01	1.3840E+00	-5.2812E-01	1.3975E+00	-5.4622E-01	1.4067E+00	-5.5860E-01	1.4113E+00	-5.6488E-01
8.0000E-01	1.2375E+00	-4.7439E-01	1.2456E+00	-4.9035E-01	1.2539E+00	-5.0677E-01	1.2595E+00	-5.1800E-01	1.2623E+00	-5.2369E-01
1.0000E+00	1.0616E+00	-3.8837E-01	1.0636E+00	-4.0132E-01	1.0656E+00	-4.1465E-01	1.0670E+00	-4.2375E-01	1.0677E+00	-4.2836E-01
1.2000E+00	9.6373E-01	-2.9537E-01	9.6257E-01	-3.0532E-01	9.6138E-01	-3.1557E-01	9.6057E-01	-3.2257E-01	9.6016E-01	-3.2612E-01
1.3000E+00	9.3445E-01	-2.4999E-01	9.3235E-01	-2.5847E-01	9.3020E-01	-2.6720E-01	9.2874E-01	-2.7317E-01	9.2800E-01	-2.7620E-01
1.5000E+00	9.0304E-01	-1.6722E-01	8.9994E-01	-1.7294E-01	8.9675E-01	-1.7884E-01	8.9458E-01	-1.8288E-01	8.9348E-01	-1.8493E-01
1.7000E+00	8.9650E-01	-9.9615E-02	8.9316E-01	-1.0304E-01	8.8974E-01	-1.0657E-01	8.8741E-01	-1.0898E-01	8.8622E-01	-1.1021E-01
2.0000E+00	9.1205E-01	-2.9857E-02	9.0918E-01	-3.0882E-02	9.0623E-01	-3.1940E-02	9.0422E-01	-3.2664E-02	9.0320E-01	-3.3032E-02
2.5000E+00	9.5692E-01	1.8313E-02	9.5548E-01	1.8939E-02	9.5399E-01	1.9586E-02	9.5298E-01	2.0028E-02	9.5247E-01	2.0253E-02
3.0000E+00	9.8941E-01	2.0967E-02	9.8905E-01	2.1684E-02	9.8868E-01	2.2423E-02	9.8843E-01	2.2929E-02	9.8830E-01	2.3185E-02
3.5000E+00	1.0027E+00	1.1269E-02	1.0028E+00	1.1654E-02	1.0029E+00	1.2051E-02	1.0030E+00	1.2323E-02	1.0030E+00	1.2461E-02
4.0000E+00	1.0046E+00	3.3510E-03	1.0048E+00	3.4655E-03	1.0050E+00	3.5837E-03	1.0051E+00	3.6645E-03	1.0051E+00	3.7056E-03
4.5000E+00	1.0028E+00	-2.2743E-04	1.0029E+00	-2.3521E-04	1.0030E+00	-2.4323E-04	1.0031E+00	-2.4871E-04	1.0031E+00	-2.5150E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0010E+00	-1.0189E-03	1.0010E+00	-1.0536E-03	1.0011E+00	-1.0774E-03	1.0011E+00	-1.0894E-03

	GAMMA(1)/GAMMA(2)= 25.0		GAMMA(1)/GAMMA(2)=30.0		GAMMA(1)/GAMMA(2)= 50.0		GAMMA(1)/GAMMA(2)= 100.0	
V	Q(AMP)	Q(PMASE)	Q(AMP)	Q(PMASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PMASE)
1.0000E-02	2.1015E+01	-1.4882E-01	2.4385E+01	-1.7301E-01	3.5746E+01	-2.5534E-01	5.4123E+01	-3.9261E-01
1.5000E-02	1.9348E+01	-2.0616E-01	2.2130E+01	-2.3648E-01	3.0878E+01	-3.3335E-01	4.3152E+01	-4.7520E-01
2.0000E-02	1.7880E+01	-2.5489E-01	2.0196E+01	-2.8900E-01	2.7067E+01	-3.9235E-01	3.5745E+01	-5.2967E-01
2.5000E-02	1.6588E+01	-2.9662E-01	1.8533E+01	-3.3292E-01	2.4035E+01	-4.3822E-01	3.0454E+01	-5.6806E-01
3.0000E-02	1.5448E+01	-3.3262E-01	1.7097E+01	-3.7005E-01	2.1562E+01	-4.7474E-01	2.6502E+01	-5.9647E-01
3.5000E-02	1.4439E+01	-3.6392E-01	1.5851E+01	-4.0177E-01	1.9564E+01	-5.0443E-01	2.3445E+01	-6.1830E-01
4.0000E-02	1.3544E+01	-3.9130E-01	1.4762E+01	-4.2910E-01	1.7879E+01	-5.2897E-01	2.1013E+01	-6.3557E-01
5.0000E-02	1.2029E+01	-4.3681E-01	1.2958E+01	-4.7366E-01	1.5233E+01	-5.6706E-01	1.7394E+01	-6.6105E-01
6.0000E-02	1.0803E+01	-4.7292E-01	1.1530E+01	-5.0829E-01	1.3258E+01	-5.9513E-01	1.4832E+01	-6.7887E-01
8.0000E-02	8.9520E+00	-5.2617E-01	9.4290E+00	-5.5819E-01	1.0514E+01	-6.3339E-01	1.1452E+01	-7.0185E-01
1.0000E-01	7.6299E+00	-5.6310E-01	7.9642E+00	-5.9197E-01	8.7038E+00	-6.5784E-01	9.3241E+00	-7.1565E-01
1.5000E-01	5.5582E+00	-6.1771E-01	5.7246E+00	-6.4056E-01	6.0794E+00	-6.9055E-01	6.3651E+00	-7.3221E-01
2.0000E-01	4.3665E+00	-6.4507E-01	4.4645E+00	-6.6393E-01	4.6698E+00	-7.0427E-01	4.8318E+00	-7.3701E-01
3.0000E-01	3.0562E+00	-6.6408E-01	3.1005E+00	-6.7821E-01	3.1918E+00	-7.0773E-01	3.2627E+00	-7.3104E-01
4.0000E-01	2.3545E+00	-6.5935E-01	2.3787E+00	-6.7084E-01	2.4281E+00	-6.9457E-01	2.4661E+00	-7.1306E-01
5.0000E-01	1.9201E+00	-6.4085E-01	1.9346E+00	-6.5067E-01	1.9641E+00	-6.7083E-01	1.9867E+00	-6.8642E-01
6.0000E-01	1.6275E+00	-6.1248E-01	1.6366E+00	-6.2114E-01	1.6550E+00	-6.3886E-01	1.6691E+00	-6.5248E-01
7.0000E-01	1.4198E+00	-5.7637E-01	1.4255E+00	-5.8415E-01	1.4371E+00	-6.0001E-01	1.4460E+00	-6.1217E-01
8.0000E-01	1.2675E+00	-5.3408E-01	1.2710E+00	-5.4111E-01	1.2781E+00	-5.5543E-01	1.2836E+00	-5.6640E-01
1.0000E+00	1.0690E+00	-4.3678E-01	1.0699E+00	-4.4247E-01	1.0716E+00	-4.5407E-01	1.0730E+00	-4.6294E-01
1.2000E+00	9.5941E-01	-3.3261E-01	9.5891E-01	-3.3700E-01	9.5788E-01	-3.4595E-01	9.5710E-01	-3.5280E-01
1.3000E+00	9.2665E-01	-2.8173E-01	9.2574E-01	-2.8548E-01	9.2389E-01	-2.9311E-01	9.2248E-01	-2.9897E-01
1.5000E+00	8.9148E-01	-1.8867E-01	8.9012E-01	-1.9121E-01	8.8737E-01	-1.9639E-01	8.8527E-01	-2.0036E-01
1.7000E+00	8.8407E-01	-1.1245E-01	8.8261E-01	-1.1397E-01	8.7965E-01	-1.1707E-01	8.7738E-01	-1.1945E-01
2.0000E+00	9.0134E-01	-3.3704E-02	9.0008E-01	-3.4159E-02	8.9752E-01	-3.5088E-02	8.9556E-01	-3.5801E-02
2.5000E+00	9.5153E-01	2.0663E-02	9.5089E-01	2.0941E-02	9.4960E-01	2.1508E-02	9.4861E-01	2.1943E-02
3.0000E+00	9.8806E-01	2.3655E-02	9.8791E-01	2.3973E-02	9.8758E-01	2.4621E-02	9.8733E-01	2.5118E-02
3.5000E+00	1.0031E+00	1.2713E-02	1.0031E+00	1.2884E-02	1.0032E+00	1.3233E-02	1.0033E+00	1.3500E-02
4.0000E+00	1.0052E+00	3.7806E-03	1.0053E+00	3.8314E-03	1.0055E+00	3.9350E-03	1.0056E+00	4.0145E-03
4.5000E+00	1.0032E+00	-2.5659E-04	1.0032E+00	-2.6004E-04	1.0033E+00	-2.6707E-04	1.0034E+00	-2.7247E-04
5.0000E+00	1.0011E+00	-1.1115E-03	1.0011E+00	-1.1264E-03	1.0012E+00	-1.1569E-03	1.0012E+00	-1.1803E-03

BETA = 0 $|Y_2 h_2| = \infty$

	GAMMA(1)/GAMMA(2)= 2.0000E-0		GAMMA(1)/GAMMA(2)= 3.0000E-02		GAMMA(1)/GAMMA(2)= 5.0000E-02		GAMMA(1)/GAMMA(2)=1.0000E-01		GAMMA(1)/GAMMA(2)=1.5000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	8.4041E-01	-1.4899E-01	9.2477E-01	-7.2623E-02	9.7219E-01	-2.7421E-02	9.9302E-01	-6.9486E-03	9.9693E-01	-3.0613E-03
2.0000E-04	7.1492E-01	-2.5517E-01	8.5647E-01	-1.3475E-01	9.4524E-01	-5.3316E-02	9.8610E-01	-1.3795E-02	9.9388E-01	-6.1012E-03
5.0000E-04	4.8077E-01	-4.3732E-01	6.9127E-01	-2.7405E-01	8.6977E-01	-1.2273E-01	9.6563E-01	-3.3732E-02	9.8476E-01	-1.5094E-02
1.0000E-03	3.0480E-01	-5.6393E-01	5.1303E-01	-4.1196E-01	7.6181E-01	-2.1557E-01	9.3259E-01	-6.5045E-02	9.6977E-01	-2.9667E-02
2.0000E-03	1.7428E-01	-6.4651E-01	3.3249E-01	-5.4039E-01	6.0168E-01	-3.4257E-01	8.7071E-01	-1.2110E-01	9.4056E-01	-5.7316E-02
5.0000E-03	7.6341E-02	-6.4350E-01	1.5967E-01	-6.3041E-01	3.5917E-01	-5.1112E-01	7.1758E-01	-2.4756E-01	8.5946E-01	-1.2940E-01
1.0000E-02	4.1612E-02	-4.2991E-01	8.6A99E-02	-5.6911E-01	2.1272E-01	-5.7235E-01	5.4592E-01	-3.6937E-01	7.4571E-01	-2.1990E-01
1.5000E-02	3.3490E-02	-1.2491E-01	6.1956E-02	-4.1354E-01	1.5208E-01	-5.4638E-01	4.3779E-01	-4.3011E-01	6.5518E-01	-2.8280E-01
2.0000E-02	3.3726E-02	1.4079E-01	5.2211E-02	-2.1571E-01	1.2016E-01	-4.7777E-01	3.6519E-01	-4.5657E-01	5.8291E-01	-3.2573E-01
2.5000E-02	3.7404E-02	3.1996E-01	4.9511E-02	-1.9555E-02	1.0170E-01	-3.8220E-01	3.1382E-01	-4.6108E-01	5.2460E-01	-3.5378E-01
3.0000E-02	4.2488E-02	4.3033E-01	5.0690E-02	1.4556E-01	9.0936E-02	-2.7078E-01	2.7603E-01	-4.5005E-01	4.7702E-01	-3.7039E-01
3.5000E-02	4.8101E-02	4.9730E-01	5.4043E-02	2.7181E-01	8.5158E-02	-1.5385E-01	2.47A9E-01	-4.2731E-01	4.3774E-01	-3.7791E-01
4.0000E-02	5.3841E-02	5.3828E-01	5.8601E-02	3.6409E-01	8.2821E-02	-4.0339E-02	2.2557E-01	-3.9540E-01	4.0501E-01	-3.7804E-01
5.0000E-02	6.5021E-02	5.8075E-01	6.9362E-02	4.7804E-01	8.4759E-02	1.5446E-01	1.9546E-01	-3.1166E-01	3.5429E-01	-3.6087E-01
6.0000E-02	7.5495E-02	6.0234E-01	8.0777E-02	5.3699E-01	9.1767E-02	2.9652E-01	1.7780E-01	-2.1167E-01	3.1784E-01	-3.2604E-01
8.0000E-02	9.5250E-02	6.3337E-01	1.0282E-01	5.8705E-01	1.1202E-01	4.5943E-01	1.6522E-01	-3.4713E-03	2.7282E-01	-2.2244E-01
1.0000E-01	1.1490E-01	6.5756E-01	1.2314E-01	6.1071E-01	1.3459E-01	5.3313E-01	1.7021E-01	1.7303E-01	2.5180E-01	-9.7487E-02
1.5000E-01	1.6449E-01	6.9055E-01	1.7211E-01	6.5223E-01	1.8807E-01	5.9256E-01	2.1331E-01	4.2396E-01	2.5500E-01	1.8631E-01
2.0000E-01	2.1414E-01	7.0427E-01	2.2150E-01	6.7369E-01	2.3698E-01	6.1822E-01	2.6781E-01	5.1599E-01	2.9395E-01	3.5944E-01
3.0000E-01	3.1330E-01	7.0773E-01	3.2021E-01	6.8543E-01	3.3427E-01	6.4363E-01	3.7116E-01	5.5924E-01	3.9703E-01	4.8874E-01
4.0000E-01	4.1185E-01	6.9457E-01	4.1826E-01	6.7668E-01	4.3123E-01	6.4257E-01	4.6486E-01	5.6584E-01	4.9700E-01	5.0904E-01
5.0000E-01	5.0914E-01	6.7083E-01	5.1496E-01	6.5565E-01	5.2666E-01	6.2641E-01	5.5613E-01	5.5912E-01	5.8700E-01	5.0180E-01
6.0000E-01	6.0424E-01	6.3886E-01	6.0934E-01	6.2552E-01	6.1954E-01	5.9970E-01	6.4493E-01	5.3970E-01	6.7071E-01	4.8515E-01
7.0000E-01	6.9585E-01	6.0001E-01	7.0010E-01	5.8807E-01	7.0856E-01	5.6488E-01	7.2942E-01	5.1059E-01	7.4982E-01	4.6068E-01
8.0000E-01	7.8239E-01	5.5543E-01	7.8567E-01	5.4466E-01	7.9218E-01	5.2369E-01	8.0807E-01	4.7439E-01	8.2326E-01	4.2907E-01
1.0000E+00	9.3315E-01	4.5407E-01	9.3430E-01	4.4535E-01	9.3657E-01	4.2836E-01	9.4200E-01	3.8837E-01	9.4710E-01	3.5161E-01
1.2000E+00	1.0440E+00	3.4595E-01	1.0431E+00	3.3922E-01	1.0415E+00	3.2612E-01	1.0376E+00	2.9537E-01	1.0341E+00	2.6717E-01
1.3000E+00	1.0824E+00	2.9311E-01	1.0808E+00	2.8737E-01	1.0776E+00	2.7620E-01	1.0702E+00	2.4999E-01	1.0633E+00	2.2601E-01
1.5000E+00	1.1269E+00	1.9639E-01	1.1243E+00	1.9249E-01	1.1192E+00	1.8493E-01	1.1074E+00	1.6722E-01	1.0966E+00	1.5106E-01
1.7000E+00	1.1368E+00	1.1707E-01	1.1339E+00	1.1474E-01	1.1284E+00	1.1021E-01	1.1155E+00	9.9615E-02	1.1038E+00	8.9955E-02
2.0000E+00	1.1142E+00	3.5088E-02	1.1118E+00	3.4389E-02	1.1072E+00	3.3032E-02	1.0964E+00	2.9857E-02	1.0867E+00	2.6962E-02
2.5000E+00	1.0531E+00	-2.1508E-02	1.0520E+00	-2.1082E-02	1.0499E+00	-2.0253E-02	1.0450E+00	-1.8313E-02	1.0406E+00	-1.6542E-02
3.0000E+00	1.0126E+00	-2.4621E-02	1.0123E+00	-2.4133E-02	1.0118E+00	-2.3185E-02	1.0107E+00	-2.0967E-02	1.0097E+00	-1.8941E-02
3.5000E+00	9.9680E-01	-1.3233E-02	9.9687E-01	-1.2971E-02	9.9699E-01	-1.2461E-02	9.9728E-01	-1.1269E-02	9.9754E-01	-1.0180E-02
4.0000E+00	9.9458E-01	-3.9350E-03	9.9468E-01	-3.8570E-03	9.9A89E-01	-3.7056E-03	9.9538E-01	-3.3510E-03	9.9582E-01	-3.0272E-03
4.5000E+00	9.9671E-01	2.6707E-04	9.9677E-01	2.6178E-04	9.9690E-01	2.5150E-04	9.9719E-01	2.2743E-04	9.9747E-01	2.0546E-04
5.0000E+00	9.9885E-01	1.1569E-03	9.9887E-01	1.1340E-03	9.9892E-01	1.0894E-03	9.9902E-01	9.8518E-04	9.9911E-01	8.8999E-04

	GAMMA(1)/GAMMA(2)= 2.0000E-01		GAMMA(1)/GAMMA(2)= 3.0000E-01		GAMMA(1)/GAMMA(2)= 4.0000E-01		GAMMA(1)/GAMMA(2)= 5.0000E-01		GAMMA(1)/GAMMA(2)= 6.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9830E-01	-1.6935E-03	9.9929E-01	-7.1415E-04	9.9963E-01	-3.7094E-04	9.9979E-01	-2.1200E-04	9.9987E-01	-1.2564E-04
2.0000E-04	9.9661E-01	-3.3797E-03	9.9857E-01	-1.4267E-03	9.9926E-01	-7.4128E-04	9.9958E-01	-4.2372E-04	9.9975E-01	-2.5114E-04
5.0000E-04	9.9155E-01	-8.3958E-03	9.9643E-01	-3.5545E-03	9.9815E-01	-1.8488E-03	9.9894E-01	-1.0573E-03	9.9937E-01	-6.2681E-04
1.0000E-03	9.8318E-01	-1.6615E-02	9.9288E-01	-7.0686E-03	9.9629E-01	-3.6829E-03	9.9788E-01	-2.1078E-03	9.9874E-01	-1.2502E-03
2.0000E-03	9.6666E-01	-3.2533E-02	9.8581E-01	-1.3977E-02	9.9260E-01	-7.3072E-03	9.9577E-01	-4.1889E-03	9.9749E-01	-2.4866E-03
5.0000E-03	9.1905E-01	-7.6351E-02	9.6493E-01	-3.3762E-02	9.8162E-01	-1.7834E-02	9.8945E-01	-1.0272E-02	9.9374E-01	-6.1139E-03
1.0000E-02	8.4653E-01	-1.3761E-01	9.3133E-01	-6.3746E-02	9.6363E-01	-3.4254E-02	9.7904E-01	-1.9890E-02	9.8752E-01	-1.1890E-02
1.5000E-02	7.8243E-01	-1.8635E-01	8.9932E-01	-9.0240E-02	9.4608E-01	-4.9322E-02	9.6876E-01	-2.8873E-02	9.8136E-01	-1.7337E-02
2.0000E-02	7.2614E-01	-2.2472E-01	8.6896E-01	-1.1352E-01	9.2899E-01	-6.3099E-02	9.5865E-01	-3.7241E-02	9.7525E-01	-2.2463E-02
2.5000E-02	6.7677E-01	-2.5446E-01	8.4024E-01	-1.3383E-01	9.1239E-01	-7.5645E-02	9.4871E-01	-4.5013E-02	9.6922E-01	-2.7276E-02
3.0000E-02	6.3345E-01	-2.7694E-01	8.1316E-01	-1.5141E-01	8.9629E-01	-8.7018E-02	9.3895E-01	-5.2210E-02	9.6325E-01	-3.1784E-02
3.5000E-02	5.9535E-01	-2.9327E-01	7.8766E-01	-1.6648E-01	8.8071E-01	-9.7271E-02	9.2938E-01	-5.8850E-02	9.5736E-01	-3.5994E-02
4.0000E-02	5.6176E-01	-3.0432E-01	7.6368E-01	-1.7923E-01	8.6564E-01	-1.0646E-01	9.2000E-01	-6.4951E-02	9.5156E-01	-3.9916E-02
5.0000E-02	5.0575E-01	-3.1333E-01	7.2003E-01	-1.9848E-01	8.3706E-01	-1.2185E-01	9.0187E-01	-7.5614E-02	9.4020E-01	-4.6922E-02
6.0000E-02	4.6159E-01	-3.0828E-01	6.8162E-01	-2.1041E-01	8.1053E-01	-1.3356E-01	8.8457E-01	-8.4339E-02	9.2921E-01	-5.2864E-02
8.0000E-02	3.9882E-01	-2.6768E-01	6.1838E-01	-2.1633E-01	7.6340E-01	-1.4734E-01	8.5258E-01	-9.6516E-02	9.0842E-01	-6.1794E-02
1.0000E-01	3.5982E-01	-2.0015E-01	5.7008E-01	-2.0361E-01	7.2363E-01	-1.5027E-01	8.2407E-01	-1.0249E-01	8.8930E-01	-6.7164E-02
1.5000E-01	3.2438E-01	1.0435E-02	4.9692E-01	-1.2067E-01	6.5185E-01	-1.2303E-01	7.6747E-01	-9.6098E-02	8.4913E-01	-6.7781E-02
2.0000E-01	3.3792E-01	1.9445E-01	4.7020E-01	-6.3085E-03	6.1167E-01	-6.5664E-02	7.2982E-01	-6.8522E-02	8.1971E-01	-5.4770E-02
3.0000E-01	4.2029E-01	3.9284E-01	4.9422E-01	1.9644E-01	5.9631E-01	7.2199E-02	6.9977E-01	1.4584E-02	7.8959E-01	-6.8559E-03
4.0000E-01	5.1933E-01	4.5254E-01	5.6521E-01	3.1078E-01	6.3265E-01	1.8239E-01	7.1206E-01	9.6820E-02	7.8958E-01	4.7769E-02
5.0000E-01	6.1273E-01	4.5649E-01	6.4913E-01	3.5589E-01	6.9279E-01	2.4683E-01	7.4895E-01	1.5672E-01	8.0965E-01	9.3414E-02
6.0000E-01	6.9613E-01	4.4026E-01	7.3087E-01	3.6081E-01	7.6013E-01	2.7336E-01	7.9736E-01	1.9074E-01	8.4113E-01	1.2418E-01
7.0000E-01	7.7092E-01	4.1613E-01	8.0395E-01	3.4478E-01	8.2515E-01	2.7418E-01	8.4835E-01	2.0304E-01	8.7722E-01	1.3998E-01
8.0000E-01	8.3861E-01	3.8708E-01	8.6648E-01	3.1891E-01	8.8278E-01	2.5947E-01	8.9621E-01	1.9967E-01	9.1308E-01	1.4338E-01
1.0000E+00	9.5181E-01	3.1757E-01	9.6219E-01	2.5754E-01	9.6947E-01	2.0991E-01	9.7152E-01	1.6729E-01	9.7287E-01	1.2629E-01
1.2000E+00	1.0308E+00	2.4125E-01	1.0252E+00	1.9473E-01	1.0216E+00	1.5612E-01	1.0168E+00	1.2440E-01	1.0106E+00	9.5783E-02
1.3000E+00	1.0571E+00	2.0399E-01	1.0460E+00	1.6464E-01	1.0377E+00	1.3117E-01	1.0301E+00	1.0385E-01	1.0219E+00	8.0073E-02
1.5000E+00	1.0868E+00	1.3624E-01	1.0696E+00	1.1002E-01	1.0553E+00	8.7196E-02	1.0437E+00	6.8032E-02	1.0332E+00	5.2042E-02
1.7000E+00	1.0932E+00	8.1108E-02	1.0746E+00	6.5497E-02	1.0589E+00	5.1966E-02	1.0459E+00	4.0161E-02	1.0348E+00	3.0281E-02
2.0000E+00	1.0779E+00	2.4311E-02	1.0624E+00	1.9628E-02	1.0494E+00	1.5632E-02	1.0381E+00	1.2044E-02	1.0286E+00	8.8696E-03
2.5000E+00	1.0365E+00	-1.4919E-02	1.0294E+00	-1.2049E-02	1.0233E+00	-9.5887E-03	1.0181E+00	-7.4444E-03	1.0135E+00	-5.5931E-03
3.0000E+00	1.0087E+00	-1.7084E-02	1.0070E+00	-1.3799E-02	1.0056E+00	-1.0983E-02	1.0043E+00	-8.5423E-03	1.0033E+00	-6.4011E-03
3.5000E+00	9.9778E-01	-9.1820E-03	9.9821E-01	-7.4163E-03	9.9857E-01	-5.9027E-03	9.9889E-01	-4.5912E-03	9.9917E-01	-3.4438E-03
4.0000E+00	9.9623E-01	-2.7304E-03	9.9696E-01	-2.2053E-03	9.9758E-01	-1.7553E-03	9.9811E-01	-1.3652E-03	9.9859E-01	-1.0240E-03
4.5000E+00	9.9771E-01	1.8532E-04	9.9815E-01	1.4968E-04	9.9853E-01	1.1913E-04	9.9886E-01	9.2657E-05	9.9914E-01	6.9513E-05
5.0000E+00	9.9920E-01	8.0274E-04	9.9936E-01	6.4837E-04	9.9949E-01	5.1605E-04	9.9960E-01	4.0137E-04	9.9970E-01	3.0103E-04

	GAMMA(1)/GAMMA(2)= 8.0000E-01		GAMMA(1)/GAMMA(2)= 1.0000E+00		GAMMA(1)/GAMMA(2)= 1.5000E+00		GAMMA(1)/GAMMA(2)= 2.0000E+00		GAMMA(1)/GAMMA(2)= 3.0000E+00	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9996E-01	-3.9756E-05	1.0000E+00	.0000E-01	1.0000E+00	3.9269E-05	1.0001E+00	5.3013E-05	1.0001E+00	6.2831E-05
2.0000E-04	9.9992E-01	-7.9476E-05	1.0000E+00	.0000E-01	1.0001E+00	7.8507E-05	1.0001E+00	1.0599E-04	1.0001E+00	1.2562E-04
5.0000E-04	9.9980E-01	-1.9841E-04	1.0000E+00	.0000E-01	1.0002E+00	1.9604E-04	1.0003E+00	2.6467E-04	1.0003E+00	3.1370E-04
1.0000E-03	9.9960E-01	-3.9590E-04	1.0000E+00	.0000E-01	1.0004E+00	3.9133E-04	1.0005E+00	5.2836E-04	1.0006E+00	6.2627E-04
2.0000E-03	9.9920E-01	-7.8813E-04	1.0000E+00	.0000E-01	1.0008E+00	7.7964E-04	1.0011E+00	1.0528E-03	1.0013E+00	1.2480E-03
5.0000E-03	9.9801E-01	-1.9429E-03	1.0000E+00	.0000E-01	1.0020E+00	1.9266E-03	1.0027E+00	2.6027E-03	1.0031E+00	3.0862E-03
1.0000E-02	9.9603E-01	-3.7952E-03	1.0000E+00	.0000E-01	1.0039E+00	3.7786E-03	1.0053E+00	5.1083E-03	1.0063E+00	6.0604E-03
1.5000E-02	9.9406E-01	-5.5586E-03	1.0000E+00	.0000E-01	1.0059E+00	5.5574E-03	1.0080E+00	7.5184E-03	1.0095E+00	8.9243E-03
2.0000E-02	9.9209E-01	-7.2348E-03	1.0000E+00	.0000E-01	1.0079E+00	7.2639E-03	1.0106E+00	9.8344E-03	1.0126E+00	1.1679E-02
2.5000E-02	9.9014E-01	-8.8256E-03	1.0000E+00	8.7790E-13	1.0098E+00	8.8993E-03	1.0133E+00	1.2058E-02	1.0158E+00	1.4328E-02
3.0000E-02	9.8820E-01	-1.0333E-02	1.0000E+00	8.7172E-13	1.0118E+00	1.0465E-02	1.0160E+00	1.4190E-02	1.0190E+00	1.6870E-02
3.5000E-02	9.8627E-01	-1.1757E-02	1.0000E+00	8.6557E-13	1.0138E+00	1.1961E-02	1.0187E+00	1.6232E-02	1.0222E+00	1.9309E-02
4.0000E-02	9.8435E-01	-1.3102E-02	1.0000E+00	8.59A7E-13	1.0157E+00	1.3390E-02	1.0213E+00	1.8185E-02	1.0253E+00	2.1645E-02
5.0000E-02	9.8056E-01	-1.5556E-02	1.0000E+00	1.6948E-12	1.0197E+00	1.6049E-02	1.0266E+00	2.1833E-02	1.0317E+00	2.6018E-02
6.0000E-02	9.7685E-01	-1.7709E-02	1.0000E+00	.0000E-01	1.0235E+00	1.8451E-02	1.0319E+00	2.5144E-02	1.0380E+00	3.0001E-02
8.0000E-02	9.6966E-01	-2.1161E-02	1.0000E+00	1.6244E-12	1.0312E+00	2.2517E-02	1.0424E+00	3.0799E-02	1.0505E+00	3.6847E-02
1.0000E-01	9.6283E-01	-2.3562E-02	1.0000E+00	.0000E-01	1.0387E+00	2.5658E-02	1.0527E+00	3.5240E-02	1.0629E+00	4.2284E-02
1.5000E-01	9.4762E-01	-2.5612E-02	1.0000E+00	.0000E-01	1.0564E+00	2.9908E-02	1.0772E+00	4.1584E-02	1.0924E+00	5.0338E-02
2.0000E-01	9.3532E-01	-2.3162E-02	1.0000E+00	.0000E-01	1.0720E+00	2.9815E-02	1.0992E+00	4.2147E-02	1.1193E+00	5.1622E-02
3.0000E-01	9.1974E-01	-9.7355E-03	1.0000E+00	4.7667E-12	1.0957E+00	2.0255E-02	1.1337E+00	3.0538E-02	1.1624E+00	3.9077E-02
4.0000E-01	9.1511E-01	8.5678E-03	1.0000E+00	.0000E-01	1.1085E+00	3.3688E-03	1.1536E+00	8.5504E-03	1.1885E+00	1.3864E-02
5.0000E-01	9.1905E-01	2.6382E-02	1.0000E+00	.0000E-01	1.1109E+00	-1.5971E-02	1.1593E+00	-1.7465E-02	1.1975E+00	-1.6710E-02
6.0000E-01	9.2884E-01	4.0714E-02	1.0000E+00	.0000E-01	1.1047E+00	-3.4360E-02	1.1527E+00	-4.2928E-02	1.1916E+00	-4.7259E-02
7.0000E-01	9.4194E-01	5.0354E-02	1.0000E+00	5.6239E-12	1.0925E+00	-4.9693E-02	1.1372E+00	-6.4880E-02	1.1744E+00	-7.4201E-02
8.0000E-01	9.5624E-01	5.5265E-02	1.0000E+00	.0000E-01	1.0767E+00	-6.0917E-02	1.1162E+00	-8.1717E-02	1.1499E+00	-9.5507E-02
1.0000E+00	9.8264E-01	5.3743E-02	1.0000E+00	4.1289E-12	1.0423E+00	-7.0462E-02	1.0684E+00	-9.8477E-02	1.0926E+00	-1.1875E-01
1.2000E+00	1.0014E+00	4.3407E-02	1.0000E+00	.0000E-01	1.0126E+00	-6.5909E-02	1.0255E+00	-9.5680E-02	1.0396E+00	-1.1875E-01
1.3000E+00	1.0075E+00	3.7025E-02	1.0000E+00	-6.8478E-12	1.0011E+00	-6.0146E-02	1.0083E+00	-8.9052E-02	1.0177E+00	-1.1223E-01
1.5000E+00	1.0141E+00	2.4554E-02	1.0000E+00	.0000E-01	9.8534E-01	-4.5261E-02	9.8334E-01	-6.9951E-02	9.8493E-01	-9.1232E-02
1.7000E+00	1.0156E+00	1.4252E-02	1.0000E+00	.0000E-01	9.7799E-01	-2.9651E-02	9.7020E-01	-4.8248E-02	9.6622E-01	-6.5686E-02
2.0000E+00	1.0130E+00	4.0161E-03	1.0000E+00	.0000E-01	9.7773E-01	-1.0722E-02	9.6674E-01	-1.9667E-02	9.5846E-01	-3.0159E-02
2.5000E+00	1.0060E+00	-2.5624E-03	1.0000E+00	.0000E-01	9.8833E-01	4.0747E-03	9.8057E-01	5.0497E-03	9.7294E-01	4.2945E-03
3.0000E+00	1.0014E+00	-2.8455E-03	1.0000E+00	4.4893E-13	9.9717E-01	5.3561E-03	9.9467E-01	8.6353E-03	9.9130E-01	1.1398E-02
3.5000E+00	9.9963E-01	-1.5272E-03	1.0000E+00	.0000E-01	1.0007E+00	2.8471E-03	1.0010E+00	4.9108E-03	1.0007E+00	7.2482E-03
4.0000E+00	9.9937E-01	-4.5517E-04	1.0000E+00	-5.7166E-14	1.0012E+00	8.1904E-04	1.0020E+00	1.4632E-03	1.0027E+00	2.4257E-03
4.5000E+00	9.9962E-01	3.0756E-05	1.0000E+00	3.5649E-15	1.0007E+00	-6.4386E-05	1.0012E+00	-9.7747E-05	1.0018E+00	-1.8240E-05
5.0000E+00	9.9987E-01	1.3380E-04	1.0000E+00	1.A228E-14	1.0002E+00	-2.4288E-04	1.0004E+00	-4.1489E-04	1.0007E+00	-6.0323E-04

	GAMMA(1)/GAMMA(2)= 5.0000E+00		GAMMA(1)/GAMMA(2)= 8.0000E+00		GAMMA(1)/GAMMA(2)= 1.0000E+01		GAMMA(1)/GAMMA(2)= 3.0000E+01		GAMMA(1)/GAMMA(2)= 1.0000E+02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0001E+00	6.7858E-05	1.0001E+00	6.9581E-05	1.0001E+00	6.9979E-05	1.0001E+00	7.0607E-05	1.0001E+00	7.0679E-05
2.0000E-04	1.0001E+00	1.3567E-04	1.0001E+00	1.3911E-04	1.0001E+00	1.3991E-04	1.0001E+00	1.4116E-04	1.0001E+00	1.4131E-04
5.0000E-04	1.0003E+00	3.3881E-04	1.0003E+00	3.4741E-04	1.0004E+00	3.4940E-04	1.0004E+00	3.5254E-04	1.0004E+00	3.5289E-04
1.0000E-03	1.0007E+00	6.7641E-04	1.0007E+00	6.9359E-04	1.0007E+00	6.9756E-04	1.0007E+00	7.0383E-04	1.0007E+00	7.0454E-04
2.0000E-03	1.0014E+00	1.3480E-03	1.0014E+00	1.3823E-03	1.0014E+00	1.3902E-03	1.0014E+00	1.4027E-03	1.0014E+00	1.4041E-03
5.0000E-03	1.0034E+00	3.3339E-03	1.0035E+00	3.4189E-03	1.0035E+00	3.4385E-03	1.0035E+00	3.4695E-03	1.0035E+00	3.4730E-03
1.0000E-02	1.0068E+00	6.5486E-03	1.0070E+00	6.7161E-03	1.0070E+00	6.7547E-03	1.0071E+00	6.8158E-03	1.0071E+00	6.8227E-03
1.5000E-02	1.0102E+00	9.6457E-03	1.0105E+00	9.8933E-03	1.0105E+00	9.9504E-03	1.0106E+00	1.0041E-02	1.0107E+00	1.0051E-02
2.0000E-02	1.0137E+00	1.2627E-02	1.0140E+00	1.2952E-02	1.0141E+00	1.3027E-02	1.0142E+00	1.31A6E-02	1.0142E+00	1.3160E-02
2.5000E-02	1.0171E+00	1.5494E-02	1.0175E+00	1.5895E-02	1.0176E+00	1.5987E-02	1.0178E+00	1.6134E-02	1.0178E+00	1.6150E-02
3.0000E-02	1.0205E+00	1.8249E-02	1.0210E+00	1.8723E-02	1.0212E+00	1.8832E-02	1.0214E+00	1.9005E-02	1.0214E+00	1.9025E-02
3.5000E-02	1.0239E+00	2.0893E-02	1.0246E+00	2.1438E-02	1.02A7E+00	2.1564E-02	1.0249E+00	2.1762E-02	1.0250E+00	2.1785E-02
4.0000E-02	1.0274E+00	2.3428E-02	1.0281E+00	2.4041E-02	1.0283E+00	2.4183E-02	1.0285E+00	2.4407E-02	1.0285E+00	2.4432E-02
5.0000E-02	1.0342E+00	2.8179E-02	1.0351E+00	2.8922E-02	1.0353E+00	2.9094E-02	1.0357E+00	2.9365E-02	1.0357E+00	2.9396E-02
6.0000E-02	1.0411E+00	3.2513E-02	1.0422E+00	3.3378E-02	1.0424E+00	3.3578E-02	1.0428E+00	3.3894E-02	1.0428E+00	3.3930E-02
8.0000E-02	1.0547E+00	3.9987E-02	1.0561E+00	4.1070E-02	1.0565E+00	4.1321E-02	1.0570E+00	4.1717E-02	1.0571E+00	4.1762E-02
1.0000E-01	1.0681E+00	4.5957E-02	1.0699E+00	4.7226E-02	1.0704E+00	4.7520E-02	1.0710E+00	4.7984E-02	1.0711E+00	4.8037E-02
1.5000E-01	1.1003E+00	5.4958E-02	1.1031E+00	5.6563E-02	1.1037E+00	5.6935E-02	1.10A7E+00	5.7525E-02	1.1048E+00	5.7592E-02
2.0000E-01	1.1298E+00	5.6699E-02	1.1335E+00	5.8475E-02	1.1343E+00	5.8887E-02	1.1356E+00	5.9541E-02	1.1358E+00	5.9616E-02
3.0000E-01	1.1775E+00	4.3864E-02	1.1828E+00	4.5572E-02	1.1840E+00	4.5971E-02	1.1860E+00	4.6606E-02	1.1862E+00	4.6678E-02
4.0000E-01	1.2072E+00	1.7165E-02	1.2138E+00	1.8392E-02	1.2153E+00	1.8683E-02	1.2177E+00	1.9147E-02	1.2180E+00	1.9200E-02
5.0000E-01	1.2183E+00	-1.5641E-02	1.2257E+00	-1.5158E-02	1.2274E+00	-1.5038E-02	1.2301E+00	-1.4842E-02	1.7304E+00	-1.4819E-02
6.0000E-01	1.2131E+00	-4.8766E-02	1.2207E+00	-4.9158E-02	1.2225E+00	-4.9239E-02	1.2253E+00	-4.9360E-02	1.2256E+00	-4.9373E-02
7.0000E-01	1.1952E+00	-7.8311E-02	1.2027E+00	-7.9599E-02	1.2044E+00	-7.9887E-02	1.2072E+00	-8.0335E-02	1.2075E+00	-8.0385E-02
8.0000E-01	1.1691E+00	-1.0202E-01	1.1761E+00	-1.0415E-01	1.1777E+00	-1.0463E-01	1.1803E+00	-1.0538E-01	1.1806E+00	-1.0547E-01
1.0000E+00	1.1071E+00	-1.2897E-01	1.1125E+00	-1.3243E-01	1.1137E+00	-1.3322E-01	1.1158E+00	-1.3447E-01	1.1160E+00	-1.3461E-01
1.2000E+00	1.0488E+00	-1.3093E-01	1.0523E+00	-1.3514E-01	1.0531E+00	-1.3611E-01	1.0545E+00	-1.3764E-01	1.0546E+00	-1.3782E-01
1.3000E+00	1.0244E+00	-1.2474E-01	1.0270E+00	-1.2910E-01	1.0276E+00	-1.3011E-01	1.0287E+00	-1.3172E-01	1.0288E+00	-1.3190E-01
1.5000E+00	9.8726E-01	-1.0328E-01	9.8836E-01	-1.0758E-01	9.8864E-01	-1.0858E-01	9.8909E-01	-1.1017E-01	9.8915E-01	-1.1035E-01
1.7000E+00	9.6523E-01	-7.6124E-02	9.6512E-01	-7.9939E-02	9.6511E-01	-8.0836E-02	9.6512E-01	-8.2265E-02	9.6512E-01	-8.2429E-02
2.0000E+00	9.5450E-01	-3.7073E-02	9.5325E-01	-3.9733E-02	9.5297E-01	-4.0369E-02	9.5254E-01	-4.1390E-02	9.5249E-01	-4.1507E-02
2.5000E+00	9.6835E-01	2.8903E-03	9.6670E-01	2.1801E-03	9.6632E-01	1.9972E-03	9.6570E-01	1.6930E-03	9.6563E-01	1.6572E-03
3.0000E+00	9.8874E-01	1.2674E-02	9.8771E-01	1.3031E-02	9.8746E-01	1.3105E-02	9.8706E-01	1.3213E-02	9.8701E-01	1.3225E-02
3.5000E+00	1.0001E+00	8.7757E-03	9.9982E-01	9.3316E-03	9.9974E-01	9.4606E-03	9.9960E-01	9.6644E-03	9.9959E-01	9.6875E-03
4.0000E+00	1.0031E+00	3.2580E-03	1.0031E+00	3.6112E-03	1.0032E+00	3.6975E-03	1.0032E+00	3.8374E-03	1.0032E+00	3.8536E-03
4.5000E+00	1.0023E+00	1.8113E-04	1.0024E+00	2.9885E-04	1.0025E+00	3.3044E-04	1.0025E+00	3.8391E-04	1.0025E+00	3.9027E-04
5.0000E+00	1.0009E+00	-6.8846E-04	1.0010E+00	-6.9997E-04	1.0010E+00	-7.0040E-04	1.0011E+00	-6.9908E-04	1.0011E+00	-6.9877E-04

BETA = 0 $h_1 = h_2$ $\gamma_2 = \gamma_1$

	GAMMA(1)/GAMMA(2)= 2.0000E-02		GAMMA(1)/GAMMA(2)= 3.0000E-02		GAMMA(1)/GAMMA(2)= 5.0000E-02		GAMMA(1)/GAMMA(2)= 1.0000E-01		GAMMA(1)/GAMMA(2)= 1.5000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	7.1492E-01	-2.5526E-01	8.5647E-01	-1.3479E-01	9.4524E-01	-5.3332E-02	9.8610E-01	-1.3799E-02	9.9388E-01	-6.1029E-03
2.0000E-04	5.4136E-01	-3.9205E-01	7.4023E-01	-2.3426E-01	8.9401E-01	-1.0094E-01	9.7240E-01	-2.7201E-02	9.8779E-01	-1.2124E-02
5.0000E-04	3.0473E-01	-5.6549E-01	5.1297E-01	-4.1278E-01	7.6178E-01	-2.1592E-01	9.3259E-01	-6.5141E-02	9.6977E-01	-2.9710E-02
1.0000E-03	1.7418E-01	-6.5217E-01	3.3236E-01	-5.4322E-01	6.0158E-01	-3.4382E-01	8.7069E-01	-1.2147E-01	9.4055E-01	-5.7484E-02
2.0000E-03	9.3561E-02	-6.8298E-01	1.9296E-01	-6.3097E-01	4.1569E-01	-4.7949E-01	7.6343E-01	-2.1268E-01	8.8535E-01	-1.0771E-01
5.0000E-03	4.0154E-02	-5.4686E-01	8.5601E-02	-6.2613E-01	2.1194E-01	-5.9521E-01	5.4528E-01	-3.7667E-01	7.4539E-01	-2.2358E-01
1.0000E-02	2.6430E-02	-8.8329E-02	4.7590E-02	-3.9338E-01	1.1765E-01	-5.5860E-01	3.6334E-01	-4.8153E-01	5.8157E-01	-3.3862E-01
1.5000E-02	2.8904E-02	2.4951E-01	3.9698E-02	-8.1477E-02	8.4667E-02	-4.2513E-01	2.7253E-01	-5.0089E-01	4.7427E-01	-3.9662E-01
2.0000E-02	3.4803E-02	3.9832E-01	4.1188E-02	1.6522E-01	7.0887E-02	-2.4835E-01	2.1966E-01	-4.7834E-01	4.0049E-01	-4.2102E-01
2.5000E-02	4.0872E-02	4.5779E-01	4.6179E-02	3.1519E-01	6.6314E-02	-6.8316E-02	1.8620E-01	-4.2970E-01	3.4754E-01	-4.2331E-01
3.0000E-02	4.6336E-02	4.8658E-01	5.2249E-02	3.9779E-01	6.6865E-02	8.6497E-02	1.6420E-01	-3.6348E-01	3.0835E-01	-4.0964E-01
3.5000E-02	5.1299E-02	5.0836E-01	5.8369E-02	4.4246E-01	7.0208E-02	2.0601E-01	1.4973E-01	-2.8604E-01	2.7872E-01	-3.8455E-01
4.0000E-02	5.6066E-02	5.2920E-01	6.4135E-02	4.6811E-01	7.5319E-02	2.9281E-01	1.4058E-01	-2.0295E-01	2.5608E-01	-3.5025E-01
5.0000E-02	6.5652E-02	5.6658E-01	7.4479E-02	5.0027E-01	8.7196E-02	3.9626E-01	1.3307E-01	-3.8491E-02	2.2557E-01	-2.6310E-01
6.0000E-02	7.5421E-02	5.9510E-01	8.4046E-02	5.2802E-01	9.9241E-02	4.4619E-01	1.3475E-01	1.0324E-01	2.0867E-01	-1.6301E-01
8.0000E-02	9.5116E-02	6.3339E-01	1.0326E-01	5.7521E-01	1.2065E-01	4.9153E-01	1.5149E-01	2.9342E-01	1.9971E-01	3.3245E-02
1.0000E-01	1.1489E-01	6.5784E-01	1.2285E-01	6.0739E-01	1.3980E-01	5.2428E-01	1.7453E-01	3.8968E-01	2.0934E-01	1.8689E-01
1.5000E-01	1.6449E-01	6.9055E-01	1.7210E-01	6.5251E-01	1.8788E-01	5.8579E-01	2.2970E-01	4.7028E-01	2.6108E-01	3.7923E-01
2.0000E-01	2.1414E-01	7.0427E-01	2.2150E-01	6.7368E-01	2.3666E-01	6.1828E-01	2.7701E-01	5.0702E-01	3.1581E-01	4.3731E-01
3.0000E-01	3.1330E-01	7.0773E-01	3.2021E-01	6.8543E-01	3.3429E-01	6.4364E-01	3.7067E-01	5.5332E-01	4.0891E-01	4.7924E-01
4.0000E-01	4.1185E-01	6.9457E-01	4.1826E-01	6.7668E-01	4.3123E-01	6.4257E-01	4.6433E-01	5.6602E-01	4.9791E-01	4.9981E-01
5.0000E-01	5.0914E-01	6.7083E-01	5.1496E-01	6.5565E-01	5.2666E-01	6.2641E-01	5.5614E-01	5.5935E-01	5.8568E-01	4.9981E-01
6.0000E-01	6.0424E-01	6.3886E-01	6.0934E-01	6.2552E-01	6.1954E-01	5.9970E-01	6.4496E-01	5.3969E-01	6.7009E-01	4.8546E-01
7.0000E-01	6.9585E-01	6.0001E-01	7.0010E-01	5.8807E-01	7.0856E-01	5.6488E-01	7.2942E-01	5.1058E-01	7.4977E-01	4.6100E-01
8.0000E-01	7.8239E-01	5.5543E-01	7.8567E-01	5.4466E-01	7.9218E-01	5.2369E-01	8.0807E-01	4.7439E-01	8.2335E-01	4.2914E-01
1.0000E+00	9.3315E-01	4.5407E-01	9.3430E-01	4.4535E-01	9.3657E-01	4.2836E-01	9.4200E-01	3.8837E-01	9.4711E-01	3.5160E-01
1.2000E+00	1.0440E+00	3.4595E-01	1.0431E+00	3.3922E-01	1.0415E+00	3.2612E-01	1.0376E+00	2.9537E-01	1.0341E+00	2.6717E-01
1.3000E+00	1.0824E+00	2.9311E-01	1.0808E+00	2.8737E-01	1.0776E+00	2.7620E-01	1.0702E+00	2.4999E-01	1.0633E+00	2.2601E-01
1.5000E+00	1.1269E+00	1.9639E-01	1.1243E+00	1.9249E-01	1.1192E+00	1.8493E-01	1.1074E+00	1.6722E-01	1.0966E+00	1.5106E-01
1.7000E+00	1.1368E+00	1.1707E-01	1.1339E+00	1.1474E-01	1.1284E+00	1.1021E-01	1.1155E+00	9.9615E-02	1.1038E+00	8.9955E-02
2.0000E+00	1.1142E+00	3.5088E-02	1.1118E+00	3.4389E-02	1.1072E+00	3.3032E-02	1.0964E+00	2.9857E-02	1.0867E+00	2.6962E-02
2.5000E+00	1.0531E+00	-2.1508E-02	1.0520E+00	-2.1082E-02	1.0499E+00	-2.0253E-02	1.0450E+00	-1.8313E-02	1.0406E+00	-1.6542E-02
3.0000E+00			1.0123E+00	-2.4133E-02	1.0118E+00	-2.3185E-02	1.0107E+00	-2.0967E-02	1.0097E+00	-1.8941E-02
3.5000E+00			9.9687E-01	-1.2971E-02	9.9699E-01	-1.2461E-02	9.9728E-01	-1.1269E-02	9.9754E-01	-1.0180E-02
4.0000E+00					9.9489E-01	-3.7056E-03	9.9538E-01	-3.3510E-03	9.9582E-01	-3.0272E-03
4.5000E+00					9.9690E-01	2.5150E-04	9.9719E-01	2.2743E-04	9.9747E-01	2.0546E-04
5.0000E+00					9.9892E-01	1.0894E-03	9.9902E-01	9.8518E-04	9.9911E-01	8.8999E-04

	GAMMA(1)/GAMMA(2)= 2.0000E-01		GAMMA(1)/GAMMA(2)= 3.0000E-01		GAMMA(1)/GAMMA(2)= 4.0000E-01		GAMMA(1)/GAMMA(2)= 5.0000E-01		GAMMA(1)/GAMMA(2)= 6.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9661E-01	-3.3807E-03	9.9857E-01	-1.4271E-03	9.9926E-01	-7.4149E-04	9.9958E-01	-4.2384E-04	9.9975E-01	-2.5121E-04
2.0000E-04	9.9324E-01	-6.7347E-03	9.9714E-01	-2.8485E-03	9.9852E-01	-1.4810E-03	9.9915E-01	-8.4685E-04	9.9950E-01	-5.0201E-04
5.0000E-04	9.8318E-01	-1.6638E-02	9.9288E-01	-7.0786E-03	9.9629E-01	-3.6881E-03	9.9788E-01	-2.1108E-03	9.9874E-01	-1.2519E-03
1.0000E-03	9.6666E-01	-3.2627E-02	9.8581E-01	-1.4017E-02	9.9260E-01	-7.3280E-03	9.9577E-01	-4.2008E-03	9.9749E-01	-2.4937E-03
2.0000E-03	9.3457E-01	-6.2746E-02	9.7183E-01	-2.7479E-02	9.8526E-01	-1.4465E-02	9.9155E-01	-8.3185E-03	9.9498E-01	-4.9466E-03
5.0000E-03	8.4637E-01	-1.3977E-01	9.3128E-01	-6.4704E-02	9.6362E-01	-3.4760E-02	9.7903E-01	-2.0182E-02	9.8751E-01	-1.2064E-02
1.0000E-02	7.2533E-01	-2.3258E-01	8.6866E-01	-1.1714E-01	9.2887E-01	-6.5049E-02	9.5859E-01	-3.8373E-02	9.7522E-01	-2.3140E-02
1.5000E-02	6.3152E-01	-2.9320E-01	8.1233E-01	-1.5914E-01	8.9591E-01	-9.1240E-02	9.3876E-01	-5.4683E-02	9.6315E-01	-3.3269E-02
2.0000E-02	5.5834E-01	-3.3115E-01	7.6200E-01	-1.9226E-01	8.6482E-01	-1.1368E-01	9.1958E-01	-6.9216E-02	9.5133E-01	-4.2490E-02
2.5000E-02	5.0051E-01	-3.5252E-01	7.1720E-01	-2.1782E-01	8.3560E-01	-1.3271E-01	9.0109E-01	-8.2075E-02	9.3977E-01	-5.0840E-02
3.0000E-02	4.5418E-01	-3.6128E-01	6.7736E-01	-2.3691E-01	8.0822E-01	-1.4861E-01	8.8330E-01	-9.3359E-02	9.2850E-01	-5.8358E-02
3.5000E-02	4.1664E-01	-3.6016E-01	6.4194E-01	-2.5043E-01	7.8262E-01	-1.6166E-01	8.6623E-01	-1.0316E-01	9.1753E-01	-6.5080E-02
4.0000E-02	3.8594E-01	-3.5111E-01	6.1043E-01	-2.5911E-01	7.5874E-01	-1.7211E-01	8.4989E-01	-1.1157E-01	9.0687E-01	-7.1043E-02
5.0000E-02	3.3985E-01	-3.1483E-01	5.5739E-01	-2.6438E-01	7.1579E-01	-1.8609E-01	8.1936E-01	-1.2454E-01	8.8651E-01	-8.0830E-02
6.0000E-02	3.0855E-01	-2.6132E-01	5.1529E-01	-2.5668E-01	6.7869E-01	-1.9211E-01	7.9163E-01	-1.3290E-01	8.6745E-01	-8.7986E-02
8.0000E-02	2.7484E-01	-1.2814E-01	4.5568E-01	-2.1366E-01	6.1951E-01	-1.8534E-01	7.4411E-01	-1.3799E-01	8.3331E-01	-9.5397E-02
1.0000E-01	2.6558E-01	8.6614E-03	4.1980E-01	-1.4786E-01	5.7675E-01	-1.6017E-01	7.0622E-01	-1.3075E-01	8.0436E-01	-9.5109E-02
1.5000E-01	2.9357E-01	2.5461E-01	3.9358E-01	4.0622E-02	5.2139E-01	-5.5597E-02	6.4607E-01	-7.8477E-02	7.5278E-01	-7.0761E-02
2.0000E-01	3.4589E-01	3.6506E-01	4.1613E-01	1.8926E-01	5.1417E-01	5.9274E-02	6.2310E-01	-5.1624E-03	7.2622E-01	-2.7797E-02
3.0000E-01	4.4659E-01	4.2519E-01	5.0650E-01	3.2671E-01	5.6833E-01	2.1707E-01	6.4330E-01	1.2572E-01	7.2514E-01	6.4518E-02
4.0000E-01	5.3256E-01	4.4239E-01	5.9699E-01	3.5692E-01	6.4911E-01	2.7792E-01	7.0250E-01	1.9801E-01	7.6217E-01	1.2903E-01
5.0000E-01	6.1505E-01	4.4625E-01	6.7416E-01	3.5779E-01	7.2468E-01	2.8901E-01	7.6796E-01	2.2314E-01	8.1172E-01	1.5996E-01
6.0000E-01	6.9472E-01	4.3623E-01	7.4320E-01	3.4991E-01	7.8867E-01	2.8144E-01	8.2637E-01	2.2279E-01	8.5995E-01	1.6719E-01
7.0000E-01	7.6952E-01	4.1560E-01	8.0713E-01	3.3497E-01	8.4332E-01	2.6727E-01	8.7489E-01	2.1134E-01	9.0122E-01	1.6126E-01
8.0000E-01	8.3803E-01	3.8750E-01	8.6541E-01	3.1341E-01	8.9113E-01	2.4940E-01	9.1483E-01	1.9561E-01	9.3462E-01	1.4928E-01
1.0000E+00	9.5190E-01	3.1769E-01	9.6063E-01	2.5731E-01	9.6827E-01	2.0505E-01	9.7554E-01	1.5942E-01	9.8228E-01	1.2009E-01
1.2000E+00	1.0308E+00	2.4123E-01	1.0249E+00	1.9515E-01	1.0198E+00	1.5552E-01	1.0154E+00	1.2094E-01	1.0117E+00	9.0560E-02
1.3000E+00	1.0571E+00	2.0398E-01	1.0460E+00	1.6490E-01	1.0366E+00	1.3135E-01	1.0283E+00	1.0218E-01	1.0212E+00	7.6507E-02
1.5000E+00	1.0868E+00	1.3624E-01	1.0697E+00	1.1003E-01	1.0551E+00	8.7574E-02	1.0426E+00	6.8125E-02	1.0318E+00	5.1071E-02
1.7000E+00	1.0932E+00	8.1109E-02	1.0746E+00	6.5478E-02	1.0590E+00	5.2097E-02	1.0456E+00	4.0513E-02	1.0340E+00	3.0390E-02
2.0000E+00	1.0779E+00	2.4311E-02	1.0624E+00	1.9627E-02	1.0494E+00	1.5616E-02	1.0382E+00	1.2143E-02	1.0285E+00	9.1068E-03
2.5000E+00	1.0365E+00	-1.4919E-02	1.0294E+00	-1.2049E-02	1.0233E+00	-9.5892E-03	1.0181E+00	-7.4579E-03	1.0135E+00	-5.5933E-03
3.0000E+00	1.0087E+00	-1.7084E-02	1.0070E+00	-1.3799E-02	1.0056E+00	-1.0983E-02	1.0043E+00	-8.5421E-03	1.0033E+00	-6.4066E-03
3.5000E+00	9.9778E-01	-9.1820E-03	9.9821E-01	-7.4163E-03	9.9857E-01	-5.9027E-03	9.9889E-01	-4.5910E-03	9.9917E-01	-3.4433E-03
4.0000E+00	9.9623E-01	-2.7304E-03	9.9696E-01	-2.2053E-03	9.9758E-01	-1.7553E-03	9.9811E-01	-1.3652E-03	9.9859E-01	-1.0239E-03
4.5000E+00	9.9771E-01	1.8532E-04	9.9815E-01	1.4968E-04	9.9853E-01	1.1913E-04	9.9886E-01	9.2658E-05	9.9914E-01	6.9494E-05
5.0000E+00	9.9920E-01	8.0274E-04	9.9936E-01	6.4837E-04	9.9949E-01	5.1605E-04	9.9960E-01	4.0137E-04	9.9970E-01	3.0103E-04

	GAMMA(1)/GAMMA(2)= 8.0000E-01		GAMMA(1)/GAMMA(2)= 1.0000E+00		GAMMA(1)/GAMMA(2)= 1.5000E+00		GAMMA(1)/GAMMA(2)= 2.0000E+00		GAMMA(1)/GAMMA(2)= 3.0000E+00	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9992E-01	-7.9498E-05	1.0000E+00	.0000E-01	1.0001E+00	7.8529E-05	1.0001E+00	1.0602E-04	1.0001E+00	1.2565E-04
2.0000E-04	9.9984E-01	-1.5889E-04	1.0000E+00	1.4207E-14	1.0002E+00	1.5698E-04	1.0002E+00	2.1194E-04	1.0003E+00	2.5119E-04
5.0000E-04	9.9960E-01	-3.9647E-04	1.0000E+00	.0000E-01	1.0004E+00	3.9188E-04	1.0005E+00	5.2911E-04	1.0006E+00	6.2716E-04
1.0000E-03	9.9920E-01	-7.9037E-04	1.0000E+00	.0000E-01	1.0008E+00	7.8185E-04	1.0011E+00	1.0558E-03	1.0013E+00	1.2516E-03
2.0000E-03	9.9841E-01	-1.5705E-03	1.0000E+00	.0000E-01	1.0016E+00	1.5561E-03	1.0021E+00	2.1019E-03	1.0025E+00	2.4921E-03
5.0000E-03	9.9603E-01	-3.8503E-03	1.0000E+00	.0000E-01	1.0039E+00	3.8333E-03	1.0053E+00	5.1822E-03	1.0063E+00	6.1480E-03
1.0000E-02	9.9209E-01	-7.4510E-03	1.0000E+00	.0000E-01	1.0079E+00	7.4791E-03	1.0107E+00	1.0125E-02	1.0125E+00	1.2025E-02
1.5000E-02	9.8817E-01	-1.0809E-02	1.0000E+00	8.9040E-13	1.0118E+00	1.0941E-02	1.0160E+00	1.4834E-02	1.0190E+00	1.7635E-02
2.0000E-02	9.8429E-01	-1.3931E-02	1.0000E+00	8.8413E-13	1.0158E+00	1.4223E-02	1.0214E+00	1.9313E-02	1.0254E+00	2.2985E-02
2.5000E-02	9.8044E-01	-1.6825E-02	1.0000E+00	1.7558E-12	1.0198E+00	1.7329E-02	1.0268E+00	2.3568E-02	1.0318E+00	2.8079E-02
3.0000E-02	9.7664E-01	-1.9496E-02	1.0000E+00	.0000E-01	1.0237E+00	2.0263E-02	1.0322E+00	2.7601E-02	1.0382E+00	3.2923E-02
3.5000E-02	9.7289E-01	-2.1953E-02	1.0000E+00	.0000E-01	1.0277E+00	2.3028E-02	1.0376E+00	3.1419E-02	1.0447E+00	3.7522E-02
4.0000E-02	9.6920E-01	-2.4201E-02	1.0000E+00	1.7189E-12	1.0316E+00	2.5629E-02	1.0430E+00	3.5026E-02	1.0511E+00	4.1880E-02
5.0000E-02	9.6198E-01	-2.8098E-02	1.0000E+00	.0000E-01	1.0395E+00	3.0350E-02	1.0537E+00	4.1625E-02	1.0640E+00	4.9896E-02
6.0000E-02	9.5502E-01	-3.1242E-02	1.0000E+00	.0000E-01	1.0473E+00	3.4456E-02	1.0644E+00	4.7433E-02	1.0769E+00	5.7011E-02
8.0000E-02	9.4193E-01	-3.5472E-02	1.0000E+00	3.2488E-12	1.0625E+00	4.0938E-02	1.0856E+00	5.6820E-02	1.1025E+00	6.8695E-02
1.0000E-01	9.3007E-01	-3.7285E-02	1.0000E+00	.0000E-01	1.0773E+00	4.5302E-02	1.1063E+00	6.3459E-02	1.1276E+00	7.7232E-02
1.5000E-01	9.0612E-01	-3.3590E-02	1.0000E+00	.0000E-01	1.1109E+00	4.8338E-02	1.1545E+00	6.9725E-02	1.1671E+00	8.6651E-02
2.0000E-01	8.9025E-01	-2.2010E-02	1.0000E+00	5.4849E-12	1.1388E+00	4.2565E-02	1.1960E+00	6.4167E-02	1.2397E+00	8.2225E-02
3.0000E-01	8.7934E-01	1.0240E-02	1.0000E+00	.0000E-01	1.1741E+00	1.4962E-02	1.2530E+00	3.0194E-02	1.3162E+00	4.5562E-02
4.0000E-01	8.8799E-01	4.0004E-02	1.0000E+00	.0000E-01	1.1825E+00	-2.0839E-02	1.2732E+00	-1.7636E-02	1.3494E+00	-9.7276E-03
5.0000E-01	9.0681E-01	5.9917E-02	1.0000E+00	7.2498E-12	1.1700E+00	-5.4331E-02	1.2621E+00	-6.5242E-02	1.3433E+00	-6.7322E-02
6.0000E-01	9.2875E-01	6.9528E-02	1.0000E+00	.0000E-01	1.1445E+00	-8.0127E-02	1.2300E+00	-1.0459E-01	1.3089E+00	-1.1725E-01
7.0000E-01	9.4956E-01	7.1235E-02	1.0000E+00	.0000E-01	1.1134E+00	-9.6486E-02	1.1872E+00	-1.3234E-01	1.2588E+00	-1.5481E-01
8.0000E-01	9.6723E-01	6.7922E-02	1.0000E+00	.0000E-01	1.0821E+00	-1.0387E-01	1.1416E+00	-1.4816E-01	1.2031E+00	-1.7893E-01
1.0000E+00	9.9198E-01	5.4863E-02	1.0000E+00	.0000E-01	1.0295E+00	-9.8307E-02	1.0604E+00	-1.5001E-01	1.0991E+00	-1.9155E-01
1.2000E+00	1.0057E+00	4.0581E-02	1.0000E+00	.0000E-01	9.9576E-01	-7.8012E-02	1.0037E+00	-1.2635E-01	1.0215E+00	-1.7059E-01
1.3000E+00	1.0097E+00	3.4032E-02	1.0000E+00	.0000E-01	9.8544E-01	-6.6130E-02	9.8482E-01	-1.0999E-01	9.9381E-01	-1.5286E-01
1.5000E+00	1.0141E+00	2.2584E-02	1.0000E+00	.0000E-01	9.7461E-01	-4.3503E-02	9.6270E-01	-7.5682E-02	9.5811E-01	-1.1177E-01
1.7000E+00	1.0149E+00	1.3458E-02	1.0000E+00	.0000E-01	9.7254E-01	-2.5177E-02	9.5594E-01	-4.5287E-02	9.4316E-01	-7.1560E-02
2.0000E+00	1.0126E+00	4.0516E-03	1.0000E+00	.0000E-01	9.7727E-01	-7.1222E-03	9.5160E-01	-1.3347E-02	9.4508E-01	-2.4867E-02
2.5000E+00	1.0060E+00	-2.4856E-03	1.0000E+00	.0000E-01	9.8933E-01	4.5672E-03	9.8187E-01	7.8133E-03	9.7160E-01	1.0444E-02
3.0000E+00	1.0014E+00	-2.8474E-03	1.0000E+00	.0000E-01	9.9742E-01	5.1164E-03	9.9574E-01	8.6409E-03	9.9308E-01	1.3260E-02
3.5000E+00	9.9963E-01	-1.5303E-03	1.0000E+00	2.2814E-13	1.0007E+00	2.7515E-03	1.0011E+00	4.5774E-03	1.0017E+00	7.0659E-03
4.0000E+00	9.9937E-01	-4.5507E-04	1.0000E+00	.0000E-01	1.0011E+00	8.1954E-04	1.0019E+00	1.3583E-03	1.0029E+00	2.0478E-03
4.5000E+00	9.9962E-01	3.0886E-05	1.0000E+00	.0000E-01	1.0007E+00	-5.5491E-05	1.0011E+00	-9.2375E-05	1.0017E+00	-1.5611E-04
5.0000E+00	9.9987E-01	1.3379E-04	1.0000E+00	.0000E-01	1.0002E+00	-2.4084E-04	1.0004E+00	-4.0094E-04	1.0006E+00	-5.0609E-04

	GAMMA(1)/GAMMA(2)= 5.0000E+00		GAMMA(1)/GAMMA(2)= 8.0000E+00		GAMMA(1)/GAMMA(2)= 1.0000E+01		GAMMA(1)/GAMMA(2)= 3.0000E+01		GAMMA(1)/GAMMA(2)= 1.0000E+02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0001E+00	1.3571E-04	1.0001E+00	1.3915E-04	1.0001E+00	1.3995E-04	1.0001E+00	1.4120E-04	1.0001E+00	1.4135E-04
2.0000E-04	1.0003E+00	2.7130E-04	1.0003E+00	2.7819E-04	1.0003E+00	2.7978E-04	1.0003E+00	2.8229E-04	1.0003E+00	2.8257E-04
5.0000E-04	1.0007E+00	6.7736E-04	1.0007E+00	6.9457E-04	1.0007E+00	6.9855E-04	1.0007E+00	7.0482E-04	1.0007E+00	7.0554E-04
1.0000E-03	1.0014E+00	1.3518E-03	1.0014E+00	1.3862E-03	1.0014E+00	1.3941E-03	1.0014E+00	1.4067E-03	1.0014E+00	1.4081E-03
2.0000E-03	1.0027E+00	2.6920E-03	1.0028E+00	2.7605E-03	1.0028E+00	2.7764E-03	1.0028E+00	2.8014E-03	1.0028E+00	2.8042E-03
5.0000E-03	1.0068E+00	6.6432E-03	1.0070E+00	6.8131E-03	1.0070E+00	6.8523E-03	1.0071E+00	6.9143E-03	1.0071E+00	6.9213E-03
1.0000E-02	1.0137E+00	1.3000E-02	1.0140E+00	1.3335E-02	1.0141E+00	1.3412E-02	1.0142E+00	1.3534E-02	1.0142E+00	1.3548E-02
1.5000E-02	1.0205E+00	1.9076E-02	1.0211E+00	1.9571E-02	1.0212E+00	1.9685E-02	1.0214E+00	1.9866E-02	1.0214E+00	1.9887E-02
2.0000E-02	1.0275E+00	2.4877E-02	1.0282E+00	2.5527E-02	1.0283E+00	2.5677E-02	1.0286E+00	2.5915E-02	1.0286E+00	2.5942E-02
2.5000E-02	1.0344E+00	3.0408E-02	1.0353E+00	3.1209E-02	1.0355E+00	3.1394E-02	1.0358E+00	3.1686E-02	1.0359E+00	3.1720E-02
3.0000E-02	1.0414E+00	3.5674E-02	1.0425E+00	3.6621E-02	1.0427E+00	3.6840E-02	1.0431E+00	3.7186E-02	1.0431E+00	3.7226E-02
3.5000E-02	1.0484E+00	4.0681E-02	1.0496E+00	4.1770E-02	1.0499E+00	4.2022E-02	1.0504E+00	4.2420E-02	1.0504E+00	4.2465E-02
4.0000E-02	1.0554E+00	4.5435E-02	1.0568E+00	4.6661E-02	1.0571E+00	4.6944E-02	1.0577E+00	4.7393E-02	1.0577E+00	4.7444E-02
5.0000E-02	1.0694E+00	5.4202E-02	1.0712E+00	5.5689E-02	1.0716E+00	5.6033E-02	1.0723E+00	5.6578E-02	1.0724E+00	5.6640E-02
6.0000E-02	1.0834E+00	6.2017E-02	1.0856E+00	6.3749E-02	1.0861E+00	6.4150E-02	1.0869E+00	6.4784E-02	1.0870E+00	6.4856E-02
8.0000E-02	1.1113E+00	7.4952E-02	1.1143E+00	7.7125E-02	1.1150E+00	7.7629E-02	1.1161E+00	7.8426E-02	1.1162E+00	7.8517E-02
1.0000E-01	1.1387E+00	8.4554E-02	1.1426E+00	8.7107E-02	1.1435E+00	8.7700E-02	1.1449E+00	8.8638E-02	1.1450E+00	8.8745E-02
1.5000E-01	1.2043E+00	9.5886E-02	1.2103E+00	9.9144E-02	1.2117E+00	9.9902E-02	1.2139E+00	1.0111E-01	1.2141E+00	1.0124E-01
2.0000E-01	1.2630E+00	9.2403E-02	1.2712E+00	9.6044E-02	1.2731E+00	9.6896E-02	1.2761E+00	9.8251E-02	1.2764E+00	9.8406E-02
3.0000E-01	1.3509E+00	5.5126E-02	1.3632E+00	5.8694E-02	1.3661E+00	5.9529E-02	1.3706E+00	6.0892E-02	1.3712E+00	6.1047E-02
4.0000E-01	1.3926E+00	-3.3876E-03	1.4081E+00	-8.0683E-04	1.4117E+00	-1.8001E-04	1.4175E+00	8.3495E-04	1.4181E+00	9.5231E-04
5.0000E-01	1.3907E+00	-6.5813E-02	1.4079E+00	-6.4814E-02	1.4120E+00	-6.4546E-02	1.4184E+00	-6.4093E-02	1.4192E+00	-6.4039E-02
6.0000E-01	1.3564E+00	-1.2120E-01	1.3739E+00	-1.2204E-01	1.3780E+00	-1.2220E-01	1.3846E+00	-1.2241E-01	1.3854E+00	-1.2243E-01
7.0000E-01	1.3033E+00	-1.6412E-01	1.3199E+00	-1.6682E-01	1.3239E+00	-1.6740E-01	1.3302E+00	-1.6829E-01	1.3309E+00	-1.6839E-01
8.0000E-01	1.2427E+00	-1.9306E-01	1.2578E+00	-1.9747E-01	1.2614E+00	-1.9845E-01	1.2672E+00	-1.9997E-01	1.2678E+00	-2.0014E-01
1.0000E+00	1.1269E+00	-2.1295E-01	1.1380E+00	-2.2007E-01	1.1407E+00	-2.2169E-01	1.1450E+00	-2.2423E-01	1.1455E+00	-2.2451E-01
1.2000E+00	1.0377E+00	-1.9562E-01	1.0447E+00	-2.0434E-01	1.0465E+00	-2.0635E-01	1.0493E+00	-2.0952E-01	1.0497E+00	-2.0988E-01
1.3000E+00	1.0048E+00	-1.7833E-01	1.0100E+00	-1.8740E-01	1.0113E+00	-1.8950E-01	1.0135E+00	-1.9284E-01	1.0137E+00	-1.9322E-01
1.5000E+00	9.6028E-01	-1.3564E-01	9.6225E-01	-1.4458E-01	9.6281E-01	-1.4669E-01	9.6379E-01	-1.5005E-01	9.6390E-01	-1.5043E-01
1.7000E+00	9.3893E-01	-9.1338E-02	9.3839E-01	-9.9216E-02	9.3835E-01	-1.0111E-01	9.3838E-01	-1.0415E-01	9.3838E-01	-1.0450E-01
2.0000E+00	9.3578E-01	-3.6482E-02	9.3292E-01	-4.1777E-02	9.3231E-01	-4.3102E-02	9.3139E-01	-4.5275E-02	9.3129E-01	-4.5528E-02
2.5000E+00	9.6302E-01	9.9247E-03	9.5955E-01	8.8531E-03	9.5873E-01	8.5130E-03	9.5742E-01	7.8972E-03	9.5727E-01	7.8208E-03
3.0000E+00	9.8953E-01	1.6583E-02	9.8759E-01	1.7587E-02	9.8708E-01	1.7780E-02	9.8623E-01	1.8044E-02	9.8613E-01	1.8070E-02
3.5000E+00	1.0017E+00	9.6378E-03	1.0013E+00	1.0815E-02	1.0011E+00	1.1097E-02	1.0009E+00	1.1541E-02	1.0008E+00	1.1591E-02
4.0000E+00	1.0038E+00	2.9905E-03	1.0041E+00	3.6108E-03	1.0041E+00	3.7822E-03	1.0042E+00	4.0725E-03	1.0042E+00	4.1068E-03
4.5000E+00	1.0024E+00	-1.3902E-04	1.0027E+00	-7.9889E-06	1.0028E+00	4.3759E-05	1.0029E+00	1.4536E-04	1.0029E+00	1.5849E-04
5.0000E+00	1.0008E+00	-8.1958E-04	1.0010E+00	-8.9586E-04	1.0011E+00	-9.0597E-04	1.0012E+00	-9.1130E-04	1.0012E+00	-9.1093E-04

BETA = 0 $h_2 = 4h_1$ $Y_3 = Y_1$

	GAMMA(1)/GAMMA(2)= 5.0000E-02		GAMMA(1)/GAMMA(2)= 1.0000E-01		GAMMA(1)/GAMMA(2)= 1.5000E-01		GAMMA(1)/GAMMA(2)= 2.0000E-01		GAMMA(1)/GAMMA(2)= 3.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.8599E-01	-1.3905E-02	9.9651E-01	-3.4867E-03	9.9847E-01	-1.5331E-03	9.9915E-01	-8.4751E-04	9.9964E-01	-3.5723E-04
2.0000E-04	9.7219E-01	-2.7413E-02	9.9302E-01	-6.9467E-03	9.9693E-01	-3.0604E-03	9.9830E-01	-1.6930E-03	9.9929E-01	-7.1395E-04
5.0000E-04	9.3210E-01	-6.5672E-02	9.8266E-01	-1.7168E-02	9.9235E-01	-7.6078E-03	9.9577E-01	-4.2172E-03	9.9821E-01	-1.7811E-03
1.0000E-03	8.6978E-01	-1.2254E-01	9.6563E-01	-3.3684E-02	9.8476E-01	-1.5073E-02	9.9155E-01	-8.3839E-03	9.9643E-01	-3.5495E-03
2.0000E-03	7.6186E-01	-2.1488E-01	9.3260E-01	-6.4855E-02	9.6977E-01	-2.9582E-02	9.8318E-01	-1.6567E-02	9.9288E-01	-7.0485E-03
5.0000E-03	5.4265E-01	-3.8308E-01	8.4195E-01	-1.4505E-01	9.2637E-01	-6.9905E-02	9.5852E-01	-3.9947E-02	9.8229E-01	-1.7247E-02
1.0000E-02	3.5993E-01	-4.9826E-01	7.1794E-01	-2.4343E-01	8.5959E-01	-1.2742E-01	9.1911E-01	-7.5218E-02	9.6494E-01	-3.3272E-02
1.5000E-02	2.6843E-01	-5.3203E-01	6.2206E-01	-3.1018E-01	7.9973E-01	-1.7445E-01	8.8187E-01	-1.0622E-01	9.4798E-01	-4.8125E-02
2.0000E-02	2.1461E-01	-5.2734E-01	5.4730E-01	-3.5494E-01	7.4641E-01	-2.1263E-01	8.4687E-01	-1.3333E-01	9.3144E-01	-6.1852E-02
2.5000E-02	1.7978E-01	-4.9889E-01	4.8812E-01	-3.8379E-01	6.9901E-01	-2.4333E-01	8.1406E-01	-1.5689E-01	9.1532E-01	-7.4502E-02
3.0000E-02	1.5597E-01	-4.5355E-01	4.4052E-01	-4.0065E-01	6.5688E-01	-2.6765E-01	7.8338E-01	-1.7724E-01	8.9965E-01	-8.6119E-02
3.5000E-02	1.3921E-01	-3.9564E-01	4.0167E-01	-4.0812E-01	6.1937E-01	-2.8648E-01	7.5473E-01	-1.9464E-01	8.8443E-01	-9.6748E-02
4.0000E-02	1.2736E-01	-3.2862E-01	3.6958E-01	-4.0803E-01	5.8592E-01	-3.0057E-01	7.2799E-01	-2.0936E-01	8.6966E-01	-1.0643E-01
5.0000E-02	1.1359E-01	-1.7985E-01	3.2028E-01	-3.9006E-01	5.2924E-01	-3.1679E-01	6.7983E-01	-2.3164E-01	8.4151E-01	-1.2312E-01
6.0000E-02	1.0863E-01	-2.9973E-02	2.8508E-01	-3.5401E-01	4.8355E-01	-3.2002E-01	6.3797E-01	-2.4563E-01	8.1518E-01	-1.3650E-01
8.0000E-02	1.1354E-01	2.1858E-01	2.4160E-01	-2.4638E-01	4.1627E-01	-2.9734E-01	5.6998E-01	-2.5349E-01	7.6778E-01	-1.5443E-01
1.0000E-01	1.2826E-01	3.8223E-01	2.2087E-01	-1.1510E-01	3.7167E-01	-2.4715E-01	5.1868E-01	-2.4053E-01	7.2696E-01	-1.6222E-01
1.5000E-01	1.7831E-01	5.6821E-01	2.2144E-01	1.8975E-01	3.2025E-01	-6.2811E-02	4.4106E-01	-1.5013E-01	6.4989E-01	-1.4781E-01
2.0000E-01	2.3200E-01	6.2617E-01	2.5610E-01	3.8230E-01	3.1856E-01	1.2637E-01	4.1115E-01	-2.1706E-02	6.0184E-01	-1.0081E-01
3.0000E-01	3.3463E-01	6.4728E-01	3.5357E-01	5.4028E-01	3.8014E-01	3.7252E-01	4.2971E-01	2.1347E-01	5.6782E-01	3.2604E-02
4.0000E-01	4.3153E-01	6.4242E-01	4.5662E-01	5.7474E-01	4.7140E-01	4.7409E-01	4.9728E-01	3.5370E-01	5.8749E-01	1.5804E-01
5.0000E-01	5.2665E-01	6.2627E-01	5.5482E-01	5.6670E-01	5.6808E-01	5.0270E-01	5.8190E-01	4.1747E-01	6.3675E-01	2.4581E-01
6.0000E-01	6.1952E-01	5.9970E-01	6.4594E-01	5.4255E-01	6.6148E-01	4.9520E-01	6.6983E-01	4.3462E-01	7.0023E-01	2.9509E-01
7.0000E-01	7.0856E-01	5.6489E-01	7.3039E-01	5.1094E-01	7.4748E-01	4.6917E-01	7.5414E-01	4.2420E-01	7.6829E-01	3.1409E-01
8.0000E-01	7.9218E-01	5.2369E-01	8.0847E-01	4.7408E-01	8.2423E-01	4.3377E-01	8.3076E-01	3.9765E-01	8.3473E-01	3.1140E-01
1.0000E+00	9.3657E-01	4.2836E-01	9.4194E-01	3.8828E-01	9.4843E-01	3.5181E-01	9.5305E-01	3.2260E-01	9.4778E-01	2.6763E-01
1.2000E+00	1.0415E+00	3.2612E-01	1.0376E+00	2.9538E-01	1.0343E+00	2.6680E-01	1.0326E+00	2.4189E-01	1.0234E+00	2.0309E-01
1.3000E+00	1.0776E+00	2.7620E-01	1.0702E+00	2.5000E-01	1.0633E+00	2.2578E-01	1.0583E+00	2.0381E-01	1.0471E+00	1.7037E-01
1.5000E+00	1.1192E+00	1.8493E-01	1.1074E+00	1.6722E-01	1.0966E+00	1.5104E-01	1.0870E+00	1.3584E-01	1.0720E+00	1.1160E-01
1.7000E+00	1.1284E+00	1.1021E-01	1.1155E+00	9.9615E-02	1.1038E+00	8.9971E-02	1.0931E+00	8.0969E-02	1.0760E+00	6.5326E-02
2.0000E+00	1.1072E+00	3.3032E-02	1.0964E+00	2.9857E-02	1.0867E+00	2.6963E-02	1.0778E+00	2.4328E-02	1.0626E+00	1.9241E-02
2.5000E+00	1.0499E+00	-2.0253E-02	1.0450E+00	-1.8313E-02	1.0406E+00	-1.6542E-02	1.0365E+00	-1.4919E-02	1.0293E+00	-1.2049E-02
3.0000E+00	1.0118E+00	-2.3185E-02	1.0107E+00	-2.0967E-02	1.0097E+00	-1.8941E-02	1.0087E+00	-1.7084E-02	1.0070E+00	-1.3790E-02
3.5000E+00	9.9699E-01	-1.2461E-02	9.9728E-01	-1.1269E-02	9.9754E-01	-1.0180E-02	9.9778E-01	-9.1820E-03	9.9821E-01	-7.4171E-03
4.0000E+00	9.9489E-01	-3.7056E-03	9.9538E-01	-3.3510E-03	9.9582E-01	-3.0272E-03	9.9623E-01	-2.7304E-03	9.9696E-01	-2.2055E-03
4.5000E+00	9.9690E-01	2.5150E-04	9.9719E-01	2.2743E-04	9.9747E-01	2.0546E-04	9.9771E-01	1.8532E-04	9.9815E-01	1.4971E-04
5.0000E+00	9.9892E-01	1.0894E-03	9.9902E-01	9.8518E-04	9.9911E-01	8.8999E-04	9.9920E-01	8.0274E-04	9.9936E-01	6.4837E-04

	GAMMA(1)/GAMMA(2)= 4.0000E-01		GAMMA(1)/GAMMA(2)= 5.0000E-01		GAMMA(1)/GAMMA(2)= 6.0000E-01		GAMMA(1)/GAMMA(2)= 8.0000E-01		GAMMA(1)/GAMMA(2)= 1.0000E+00	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9981E-01	-1.8552E-04	9.9989E-01	-1.0602E-04	9.9994E-01	-6.2828E-05	9.9998E-01	-1.9880E-05	1.0000E+00	.0000E-01
2.0000E-04	9.9963E-01	-3.7083E-04	9.9979E-01	-2.1194E-04	9.9987E-01	-1.2560E-04	9.9996E-01	-3.9745E-05	1.0000E+00	.0000E-01
5.0000E-04	9.9907E-01	-9.2558E-04	9.9947E-01	-5.2911E-04	9.9969E-01	-3.1362E-04	9.9990E-01	-9.9251E-05	1.0000E+00	.0000E-01
1.0000E-03	9.9815E-01	-1.8462E-03	9.9894E-01	-1.0558E-03	9.9937E-01	-6.2592E-04	9.9980E-01	-1.9813E-04	1.0000E+00	.0000E-01
2.0000E-03	9.9629E-01	-3.6724E-03	9.9788E-01	-2.1019E-03	9.9874E-01	-1.2466E-03	9.9960E-01	-3.9478E-04	1.0000E+00	.0000E-01
5.0000E-03	9.9076E-01	-9.0327E-03	9.9471E-01	-5.1822E-03	9.9686E-01	-3.0776E-03	9.9901E-01	-9.7589E-04	1.0000E+00	.0000E-01
1.0000E-02	9.8163E-01	-1.7577E-02	9.8946E-01	-1.0125E-02	9.9374E-01	-6.0266E-03	9.9801E-01	-1.9152E-03	1.0000E+00	.0000E-01
1.5000E-02	9.7259E-01	-2.5647E-02	9.8424E-01	-1.4834E-02	9.9063E-01	-8.8490E-03	9.9702E-01	-2.8184E-03	1.0000E+00	.0000E-01
2.0000E-02	9.6368E-01	-3.3253E-02	9.7906E-01	-1.9313E-02	9.8753E-01	-1.1547E-02	9.9604E-01	-3.6861E-03	1.0000E+00	.0000E-01
2.5000E-02	9.5488E-01	-4.0408E-02	9.7392E-01	-2.3568E-02	9.8445E-01	-1.4123E-02	9.9505E-01	-4.5188E-03	1.0000E+00	.0000E-01
3.0000E-02	9.4622E-01	-4.7124E-02	9.6883E-01	-2.7601E-02	9.8139E-01	-1.6579E-02	9.9407E-01	-5.3170E-03	1.0000E+00	.0000E-01
3.5000E-02	9.3770E-01	-5.3414E-02	9.6380E-01	-3.1419E-02	9.7836E-01	-1.8917E-02	9.9309E-01	-6.0812E-03	1.0000E+00	.0000E-01
4.0000E-02	9.2931E-01	-5.9289E-02	9.5881E-01	-3.5026E-02	9.7534E-01	-2.1139E-02	9.9212E-01	-6.8120E-03	1.0000E+00	.0000E-01
5.0000E-02	9.1298E-01	-6.9839E-02	9.4902E-01	-4.1625E-02	9.6938E-01	-2.5245E-02	9.9019E-01	-8.1756E-03	1.0000E+00	.0000E-01
6.0000E-02	8.9726E-01	-7.8867E-02	9.3946E-01	-4.7433E-02	9.6354E-01	-2.8914E-02	9.8828E-01	-9.4117E-03	1.0000E+00	.0000E-01
8.0000E-02	8.6772E-01	-9.2698E-02	9.2113E-01	-5.6820E-02	9.5220E-01	-3.5006E-02	9.8454E-01	-1.1519E-02	1.0000E+00	.0000E-01
1.0000E-01	8.4077E-01	-1.0144E-01	9.0393E-01	-6.3459E-02	9.4139E-01	-3.9547E-02	9.8092E-01	-1.3166E-02	1.0000E+00	3.1583E-12
1.5000E-01	7.8455E-01	-1.0490E-01	8.6619E-01	-6.9725E-02	9.1698E-01	-4.4945E-02	9.7251E-01	-1.5483E-02	1.0000E+00	2.9429E-12
2.0000E-01	7.4329E-01	-8.8456E-02	8.3615E-01	-6.4167E-02	8.9666E-01	-4.3315E-02	9.6518E-01	-1.5614E-02	1.0000E+00	.0000E-01
3.0000E-01	6.9885E-01	-2.1693E-02	7.9810E-01	-3.0194E-02	8.6861E-01	-2.5563E-02	9.5417E-01	-1.1082E-02	1.0000E+00	.0000E-01
4.0000E-01	6.9362E-01	5.8587E-02	7.8542E-01	1.7636E-02	8.5622E-01	2.4662E-03	9.4813E-01	-2.6840E-03	1.0000E+00	.0000E-01
5.0000E-01	7.1515E-01	1.2898E-01	7.9231E-01	6.5242E-02	8.5689E-01	3.2609E-02	9.4663E-01	7.1649E-03	1.0000E+00	7.2498E-12
6.0000E-01	7.5325E-01	1.7981E-01	8.1301E-01	1.0459E-01	8.6750E-01	5.9582E-02	9.4887E-01	1.6736E-02	1.0000E+00	6.3635E-12
7.0000E-01	8.0002E-01	2.0987E-01	8.4233E-01	1.3234E-01	8.8493E-01	8.0524E-02	9.5394E-01	2.4917E-02	1.0000E+00	.0000E-01
8.0000E-01	8.4959E-01	2.2188E-01	8.7594E-01	1.4816E-01	9.0634E-01	9.4382E-02	9.6088E-01	3.1100E-02	1.0000E+00	.0000E-01
1.0000E+00	9.4117E-01	2.0733E-01	9.4300E-01	1.5001E-01	9.5190E-01	1.0216E-01	9.7708E-01	3.6903E-02	1.0000E+00	.0000E-01
1.2000E+00	1.0081E+00	1.6516E-01	9.9630E-01	1.2635E-01	9.9067E-01	9.0502E-02	9.9220E-01	3.5212E-02	1.0000E+00	.0000E-01
1.3000E+00	1.0305E+00	1.4062E-01	1.0154E+00	1.0999E-01	1.0054E+00	8.0524E-02	9.9839E-01	3.2423E-02	1.0000E+00	.0000E-01
1.5000E+00	1.0555E+00	9.3404E-02	1.0387E+00	7.5682E-02	1.0247E+00	5.7654E-02	1.0073E+00	2.4827E-02	1.0000E+00	.0000E-01
1.7000E+00	1.0611E+00	5.4478E-02	1.0461E+00	4.5287E-02	1.0323E+00	3.5819E-02	1.0118E+00	1.6565E-02	1.0000E+00	.0000E-01
2.0000E+00	1.0506E+00	1.5522E-02	1.0399E+00	1.3347E-02	1.0298E+00	1.1428E-02	1.0123E+00	6.2459E-03	1.0000E+00	.0000E-01
2.5000E+00	1.0233E+00	-9.8335E-03	1.0185E+00	-7.8133E-03	1.0143E+00	-5.7349E-03	1.0066E+00	-2.1271E-03	1.0000E+00	.0000E-01
3.0000E+00	1.0055E+00	-1.0977E-02	1.0043E+00	-8.6409E-03	1.0033E+00	-6.6019E-03	1.0016E+00	-2.9750E-03	1.0000E+00	.0000E-01
3.5000E+00	9.9857E-01	-5.8926E-03	9.9886E-01	-4.5774E-03	9.9912E-01	-3.4617E-03	9.9962E-01	-1.5995E-03	1.0000E+00	4.4893E-13
4.0000E+00	9.9758E-01	-1.7556E-03	9.9812E-01	-1.3583E-03	9.9858E-01	-1.0120E-03	9.9935E-01	-4.6021E-04	1.0000E+00	2.2814E-13
4.5000E+00	9.9853E-01	1.1872E-04	9.9886E-01	9.2375E-05	9.9914E-01	7.2639E-05	9.9961E-01	3.6505E-05	1.0000E+00	1.1433E-13
5.0000E+00	9.9949E-01	5.1606E-04	9.9960E-01	4.0094E-04	9.9970E-01	3.0060E-04	9.9987E-01	1.3577E-04	1.0000E+00	.0000E-01

	GAMMA(1)/GAMMA(2)= 1.5000E+00		GAMMA(1)/GAMMA(2)= 2.0000E+00		GAMMA(1)/GAMMA(2)= 3.0000E+00		GAMMA(1)/GAMMA(2)= 5.0000E+00		GAMMA(1)/GAMMA(2)= 8.0000E+00	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0000E+00	1.9635E-05	1.0000E+00	2.6508E-05	1.0000E+00	3.1417E-05	1.0000E+00	3.3930E-05	1.0000E+00	3.4792E-05
2.0000E-04	1.0000E+00	3.9257E-05	1.0001E+00	5.2998E-05	1.0001E+00	6.2813E-05	1.0001E+00	6.7839E-05	1.0001E+00	6.9561E-05
5.0000E-04	1.0001E+00	9.8045E-05	1.0001E+00	1.3237E-04	1.0002E+00	1.5688E-04	1.0002E+00	1.6943E-04	1.0002E+00	1.7374E-04
1.0000E-03	1.0002E+00	1.9576E-04	1.0003E+00	2.6430E-04	1.0003E+00	3.1326E-04	1.0003E+00	3.3833E-04	1.0003E+00	3.4692E-04
2.0000E-03	1.0004E+00	3.9022E-04	1.0005E+00	5.2687E-04	1.0006E+00	6.2450E-04	1.0007E+00	6.7449E-04	1.0007E+00	6.9163E-04
5.0000E-03	1.0010E+00	9.6577E-04	1.0013E+00	1.3042E-03	1.0016E+00	1.5461E-03	1.0017E+00	1.6700E-03	1.0017E+00	1.7125E-03
1.0000E-02	1.0020E+00	1.8992E-03	1.0027E+00	2.5657E-03	1.0031E+00	3.0423E-03	1.0034E+00	3.2865E-03	1.0035E+00	3.3703E-03
1.5000E-02	1.0029E+00	2.8006E-03	1.0040E+00	3.7848E-03	1.0047E+00	4.4891E-03	1.0051E+00	4.8501E-03	1.0052E+00	4.9739E-03
2.0000E-02	1.0039E+00	3.6705E-03	1.0053E+00	4.9622E-03	1.0063E+00	5.8871E-03	1.0068E+00	6.3614E-03	1.0070E+00	6.5241E-03
2.5000E-02	1.0049E+00	4.5092E-03	1.0066E+00	6.0984E-03	1.0079E+00	7.2370E-03	1.0085E+00	7.8211E-03	1.0087E+00	8.0215E-03
3.0000E-02	1.0059E+00	5.3172E-03	1.0080E+00	7.1939E-03	1.0095E+00	8.5394E-03	1.0102E+00	9.2299E-03	1.0105E+00	9.4668E-03
3.5000E-02	1.0069E+00	6.0950E-03	1.0093E+00	8.2493E-03	1.0110E+00	9.7949E-03	1.0119E+00	1.0588E-02	1.0122E+00	1.0861E-02
4.0000E-02	1.0079E+00	6.8428E-03	1.0106E+00	9.2651E-03	1.0126E+00	1.1004E-02	1.0136E+00	1.1897E-02	1.0140E+00	1.2204E-02
5.0000E-02	1.0098E+00	8.2505E-03	1.0133E+00	1.1180E-02	1.0157E+00	1.3286E-02	1.0170E+00	1.4369E-02	1.0174E+00	1.4741E-02
6.0000E-02	1.0117E+00	9.5435E-03	1.0159E+00	1.2943E-02	1.0189E+00	1.5391E-02	1.0204E+00	1.6650E-02	1.0209E+00	1.7082E-02
8.0000E-02	1.0156E+00	1.1799E-02	1.0211E+00	1.6030E-02	1.0251E+00	1.9086E-02	1.0271E+00	2.0661E-02	1.0278E+00	2.1203E-02
1.0000E-01	1.0193E+00	1.3635E-02	1.0262E+00	1.8560E-02	1.0312E+00	2.2129E-02	1.0337E+00	2.3972E-02	1.0346E+00	2.4606E-02
1.5000E-01	1.0283E+00	1.6557E-02	1.0385E+00	2.2665E-02	1.0458E+00	2.7131E-02	1.0496E+00	2.9452E-02	1.0509E+00	3.0252E-02
2.0000E-01	1.0364E+00	1.7403E-02	1.0497E+00	2.3996E-02	1.0593E+00	2.8872E-02	1.0643E+00	3.1424E-02	1.0660E+00	3.2307E-02
3.0000E-01	1.0496E+00	1.4305E-02	1.0681E+00	2.0200E-02	1.0816E+00	2.4717E-02	1.0887E+00	2.7131E-02	1.0911E+00	2.7975E-02
4.0000E-01	1.0582E+00	6.9392E-03	1.0804E+00	1.0563E-02	1.0968E+00	1.3577E-02	1.1055E+00	1.5264E-02	1.1085E+00	1.5866E-02
5.0000E-01	1.0621E+00	-2.5663E-03	1.0864E+00	-2.1163E-03	1.1045E+00	-1.2937E-03	1.1141E+00	-6.9892E-04	1.1175E+00	-4.6688E-04
6.0000E-01	1.0618E+00	-1.2568E-02	1.0865E+00	-1.5649E-02	1.1053E+00	-1.7329E-02	1.1153E+00	-1.8005E-02	1.1188E+00	-1.8206E-02
7.0000E-01	1.0580E+00	-2.1881E-02	1.0819E+00	-2.8434E-02	1.1002E+00	-3.2634E-02	1.1100E+00	-3.4607E-02	1.1135E+00	-3.5254E-02
8.0000E-01	1.0517E+00	-2.9735E-02	1.0736E+00	-3.9403E-02	1.0907E+00	-4.5922E-02	1.0999E+00	-4.9108E-02	1.1032E+00	-5.0174E-02
1.0000E+00	1.0349E+00	-3.9622E-02	1.0510E+00	-5.3786E-02	1.0640E+00	-6.3830E-02	1.0712E+00	-6.8917E-02	1.0738E+00	-7.0648E-02
1.2000E+00	1.0173E+00	-4.1658E-02	1.0268E+00	-5.7675E-02	1.0350E+00	-6.9444E-02	1.0397E+00	-7.5544E-02	1.0414E+00	-7.7643E-02
1.3000E+00	1.0095E+00	-4.0233E-02	1.0158E+00	-5.6257E-02	1.0217E+00	-6.8233E-02	1.0252E+00	-7.4508E-02	1.0265E+00	-7.6678E-02
1.5000E+00	9.9693E-01	-3.4049E-02	9.9796E-01	-4.8647E-02	9.9975E-01	-5.9952E-02	1.0011E+00	-6.6010E-02	1.0016E+00	-6.8127E-02
1.7000E+00	9.8903E-01	-2.5510E-02	9.8625E-01	-3.7406E-02	9.8496E-01	-4.7002E-02	9.8460E-01	-5.2279E-02	9.8454E-01	-5.4145E-02
2.0000E+00	9.8477E-01	-1.2629E-02	9.7910E-01	-1.9665E-02	9.7519E-01	-2.5835E-02	9.7330E-01	-2.9409E-02	9.7268E-01	-3.0703E-02
2.5000E+00	9.8925E-01	1.0148E-03	9.8405E-01	3.5293E-04	9.7985E-01	-7.9163E-04	9.7756E-01	-1.6710E-03	9.7676E-01	-2.0259E-03
3.0000E+00	9.9631E-01	4.3482E-03	9.9392E-01	6.1071E-03	9.9166E-01	7.2793E-03	9.9029E-01	7.7956E-03	9.8979E-01	7.9523E-03
3.5000E+00	1.0002E+00	2.9209E-03	9.9988E-01	4.5108E-03	9.9938E-01	5.8605E-03	9.9898E-01	6.6064E-03	9.9881E-01	6.8674E-03
4.0000E+00	1.0011E+00	1.0129E-03	1.0015E+00	1.7328E-03	1.0018E+00	2.4678E-03	1.0019E+00	2.9318E-03	1.0020E+00	3.1052E-03
4.5000E+00	1.0007E+00	8.0617E-06	1.0012E+00	1.1356E-04	1.0016E+00	2.9827E-04	1.0018E+00	4.5129E-04	1.0018E+00	5.1530E-04
5.0000E+00	1.0003E+00	-2.4101E-04	1.0005E+00	-3.5537E-04	1.0007E+00	-4.2235E-04	1.0008E+00	-4.3744E-04	1.0009E+00	-4.3743E-04

	GAMMA(1)/GAMMA(2)= 1.0000E+01		GAMMA(1)/GAMMA(2)= 3.0000E+01		GAMMA(1)/GAMMA(2)= 1.0000E+02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0000E+00	3.4991E-05	1.0000E+00	3.5305E-05	1.0000E+00	3.5341E-05
2.0000E-04	1.0001E+00	6.9959E-05	1.0001E+00	7.0587E-05	1.0001E+00	7.0659E-05
5.0000E-04	1.0002E+00	1.7473E-04	1.0002E+00	1.7630E-04	1.0002E+00	1.7648E-04
1.0000E-03	1.0004E+00	3.4890E-04	1.0004E+00	3.5204E-04	1.0004E+00	3.5239E-04
2.0000E-03	1.0007E+00	6.9558E-04	1.0007E+00	7.0183E-04	1.0007E+00	7.0254E-04
5.0000E-03	1.0018E+00	1.7223E-03	1.0018E+00	1.7378E-03	1.0018E+00	1.7396E-03
1.0000E-02	1.0035E+00	3.3896E-03	1.0035E+00	3.4201E-03	1.0035E+00	3.4236E-03
1.5000E-02	1.0053E+00	5.0025E-03	1.0053E+00	5.0476E-03	1.0053E+00	5.0527E-03
2.0000E-02	1.0070E+00	6.5616E-03	1.0071E+00	6.6210E-03	1.0071E+00	6.6277E-03
2.5000E-02	1.0088E+00	8.0677E-03	1.0089E+00	8.1408E-03	1.0089E+00	8.1492E-03
3.0000E-02	1.0105E+00	9.5215E-03	1.0106E+00	9.6079E-03	1.0106E+00	9.6178E-03
3.5000E-02	1.0123E+00	1.0924E-02	1.0124E+00	1.1023E-02	1.0124E+00	1.1034E-02
4.0000E-02	1.0140E+00	1.2275E-02	1.0142E+00	1.2387E-02	1.0142E+00	1.2399E-02
5.0000E-02	1.0175E+00	1.4827E-02	1.0177E+00	1.4962E-02	1.0177E+00	1.4978E-02
6.0000E-02	1.0210E+00	1.7182E-02	1.0212E+00	1.7340E-02	1.0212E+00	1.7358E-02
8.0000E-02	1.0280E+00	2.1328E-02	1.0282E+00	2.1525E-02	1.0282E+00	2.1548E-02
1.0000E-01	1.0348E+00	2.4753E-02	1.0351E+00	2.4985E-02	1.0351E+00	2.5011E-02
1.5000E-01	1.0512E+00	3.0438E-02	1.0517E+00	3.0731E-02	1.0517E+00	3.0764E-02
2.0000E-01	1.0664E+00	3.2512E-02	1.0670E+00	3.2835E-02	1.0671E+00	3.2872E-02
3.0000E-01	1.0917E+00	2.8171E-02	1.0926E+00	2.8481E-02	1.0927E+00	2.8517E-02
4.0000E-01	1.1091E+00	1.6007E-02	1.1102E+00	1.6230E-02	1.1104E+00	1.6256E-02
5.0000E-01	1.1183E+00	-4.1125E-04	1.1195E+00	-3.2174E-04	1.1196E+00	-3.1143E-04
6.0000E-01	1.1196E+00	-1.8250E-02	1.1209E+00	-1.8318E-02	1.1210E+00	-1.8326E-02
7.0000E-01	1.1143E+00	-3.5401E-02	1.1155E+00	-3.5631E-02	1.1157E+00	-3.5657E-02
8.0000E-01	1.1039E+00	-5.0418E-02	1.1051E+00	-5.0802E-02	1.1052E+00	-5.0846E-02
1.0000E+00	1.0744E+00	-7.1047E-02	1.0753E+00	-7.1676E-02	1.0754E+00	-7.1747E-02
1.2000E+00	1.0418E+00	-7.8128E-02	1.0425E+00	-7.8894E-02	1.0425E+00	-7.8981E-02
1.3000E+00	1.0268E+00	-7.7180E-02	1.0273E+00	-7.7974E-02	1.0273E+00	-7.8065E-02
1.5000E+00	1.0017E+00	-6.8619E-02	1.0019E+00	-6.9397E-02	1.0020E+00	-6.9486E-02
1.7000E+00	9.8452E-01	-5.4580E-02	9.8451E-01	-5.5270E-02	9.8451E-01	-5.5348E-02
2.0000E+00	9.7254E-01	-3.1006E-02	9.7232E-01	-3.1490E-02	9.7230E-01	-3.1545E-02
2.5000E+00	9.7657E-01	-2.1120E-03	9.7627E-01	-2.2512E-03	9.7624E-01	-2.2673E-03
3.0000E+00	9.8967E-01	7.9867E-03	9.8948E-01	8.0397E-03	9.8946E-01	8.0456E-03
3.5000E+00	9.9877E-01	6.9279E-03	9.9871E-01	7.0236E-03	9.9870E-01	7.0345E-03
4.0000E+00	1.0020E+00	3.1463E-03	1.0020E+00	3.2119E-03	1.0020E+00	3.2194E-03
4.5000E+00	1.0019E+00	5.3098E-04	1.0019E+00	5.5648E-04	1.0019E+00	5.5944E-04
5.0000E+00	1.0009E+00	-4.3697E-04	1.0009E+00	-4.3587E-04	1.0009E+00	-4.3571E-04

BETA = 0 $\qquad h_2 = \frac{h_1}{2} \qquad Y_3 = Y_1$

C=∞

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-03 Q(AMP)	Q(PHASE)	BETA= 5.0000E-03 Q(AMP)	Q(PHASE)	BETA= 1.0000E-02 Q(AMP)	Q(PHASE)	BETA= 2.0000E-02 Q(AMP)	Q(PHASE)
1.0000E-02	1.0000E+02	-7.8536E-01	3.0142E+01	4.7931E-01	1.3974E+01	6.4530E-01	9.9063E+00	6.8627E-01	6.9887E+00	7.1554E-01
1.5000E-02	6.6667E+01	-7.8532E-01	2.8567E+01	3.4279E-01	1.3809E+01	5.7698E-01	9.8487E+00	6.3734E-01	6.9701E+00	6.8085E-01
2.0000E-02	5.0000E+01	-7.8526E-01	2.6726E+01	2.2186E-01	1.3587E+01	5.1060E-01	9.7688E+00	5.8914E-01	6.9432E+00	6.4645E-01
2.5000E-02	4.0000E+01	-7.8519E-01	2.4810E+01	1.1695E-01	1.3316E+01	4.4664E-01	9.6683E+00	5.4188E-01	6.9085E+00	6.1239E-01
3.0000E-02	3.3333E+01	-7.8510E-01	2.2948E+01	2.6956E-02	1.3006E+01	3.8547E-01	9.5493E+00	4.9573E-01	6.8664E+00	5.7877E-01
3.5000E-02	2.8571E+01	-7.8499E-01	2.1209E+01	-4.9901E-02	1.2666E+01	3.2733E-01	9.4138E+00	4.5084E-01	6.8172E+00	5.4563E-01
4.0000E-02	2.5000E+01	-7.8486E-01	1.9623E+01	-1.1556E-01	1.2305E+01	2.7239E-01	9.2644E+00	4.0734E-01	6.7614E+00	5.1306E-01
5.0000E-02	2.0000E+01	-7.8456E-01	1.6917E+01	-2.2028E-01	1.1550E+01	1.7219E-01	8.9325E+00	3.2487E-01	6.6324E+00	4.4979E-01
6.0000E-02	1.6667E+01	-7.8420E-01	1.4760E+01	-2.9881E-01	1.0794E+01	8.4522E-02	8.5716E+00	2.4877E-01	6.4838E+00	3.8931E-01
8.0000E-02	1.2500E+01	-7.8326E-01	1.1643E+01	-4.0652E-01	9.3871E+00	-5.7746E-02	7.8203E+00	1.1581E-01	6.1460E+00	2.7762E-01
1.0000E-01	1.0000E+01	-7.8206E-01	9.5539E+00	-4.7550E-01	8.1936E+00	-1.6489E-01	7.0948E+00	6.5708E-03	5.7808E+00	1.7882E-01
1.5000E-01	6.6669E+00	-7.7790E-01	6.5438E+00	-5.6990E-01	6.0685E+00	-3.3584E-01	5.5901E+00	-1.8662E-01	4.8889E+00	-1.5587E-02
2.0000E-01	5.0006E+00	-7.7207E-01	4.9599E+00	-6.1509E-01	4.7567E+00	-4.3091E-01	4.5251E+00	-3.0542E-01	4.1404E+00	-1.5030E-01
3.0000E-01	3.3354E+00	-7.5541E-01	3.3380E+00	-6.5044E-01	3.2915E+00	-5.2321E-01	3.2247E+00	-4.3160E-01	3.0936E+00	-3.0985E-01
4.0000E-01	2.5050E+00	-7.3215E-01	2.5181E+00	-6.5368E-01	2.5127E+00	-5.5737E-01	2.4935E+00	-4.8651E-01	2.4462E+00	-3.8937E-01
5.0000E-01	2.0097E+00	-7.0240E-01	2.0266E+00	-6.4026E-01	2.0362E+00	-5.6348E-01	2.0352E+00	-5.0635E-01	2.0220E+00	-4.2680E-01
6.0000E-01	1.6834E+00	-6.6641E-01	1.7018E+00	-6.1562E-01	1.7180E+00	-5.5259E-01	1.7253E+00	-5.0538E-01	1.7282E+00	-4.3900E-01
7.0000E-01	1.4550E+00	-6.2458E-01	1.4740E+00	-5.8245E-01	1.4934E+00	-5.2997E-01	1.5048E+00	-4.9045E-01	1.5162E+00	-4.3451E-01
8.0000E-01	1.2891E+00	-5.7757E-01	1.3082E+00	-5.4253E-01	1.3292E+00	-4.9868E-01	1.3428E+00	-4.6550E-01	1.3587E+00	-4.1827E-01
1.0000E+00	1.0744E+00	-4.7198E-01	1.0928E+00	-4.4846E-01	1.1142E+00	-4.1865E-01	1.1293E+00	-3.9583E-01	1.1490E+00	-3.6290E-01
1.2000E+00	9.5631E-01	-3.5978E-01	9.7300E-01	-3.4557E-01	9.9308E-01	-3.2712E-01	1.0077E+00	-3.1269E-01	1.0275E+00	-2.9144E-01
1.3000E+00	9.2104E-01	-3.0494E-01	9.3660E-01	-2.9464E-01	9.5552E-01	-2.8100E-01	9.6941E-01	-2.7015E-01	9.8850E-01	-2.5389E-01
1.5000E+00	8.8313E-01	-2.0441E-01	8.9606E-01	-2.0040E-01	9.1208E-01	-1.9457E-01	9.2404E-01	-1.8957E-01	9.4080E-01	-1.8158E-01
1.7000E+00	8.7508E-01	-1.2188E-01	8.8518E-01	-1.2208E-01	8.9790E-01	-1.2162E-01	9.0756E-01	-1.2074E-01	9.2131E-01	-1.1867E-01
2.0000E+00	8.9356E-01	-3.6529E-02	8.9967E-01	-3.9801E-02	9.0758E-01	-4.3462E-02	9.1374E-01	-4.5886E-02	9.2274E-01	-4.8781E-02
2.5000E+00	9.4759E-01	2.2387E-02	9.4902E-01	1.8955E-02	9.5106E-01	1.4690E-02	9.5279E-01	1.1516E-02	9.5554E-01	7.1273E-03
3.0000E+00	9.8708E-01	2.5626E-02	9.8655E-01	2.3845E-02	9.8598E-01	2.1510E-02	9.8565E-01	1.9681E-02	9.8533E-01	1.7011E-02
3.5000E+00	1.0033E+00	1.3773E-02	1.0026E+00	1.3273E-02	1.0016E+00	1.2565E-02	1.0008E+00	1.1968E-02	9.9983E-01	1.1031E-02
4.0000E+00	1.0057E+00	4.0956E-03	1.0052E+00	4.1577E-03	1.0046E+00	4.2067E-03	1.0041E+00	4.2169E-03	1.0034E+00	4.1833E-03
4.5000E+00	1.0034E+00	-2.7798E-04	1.0033E+00	-1.0781E-04	1.0031E+00	1.0898E-04	1.0029E+00	2.7060E-04	1.0026E+00	4.8875E-04
5.0000E+00	1.0012E+00	-1.2041E-03	1.0012E+00	-1.0909E-03	1.0012E+00	-9.3741E-04	1.0012E+00	-8.1518E-04	1.0011E+00	-6.3666E-04

C=∞

V	BETA= 5.0000E-02 Q(AMP)	Q(PHASE)	BETA= 8.0000E-02 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	4.3629E+00	7.4178E-01	3.4005E+00	7.5134E-01	3.0124E+00	7.5517E-01	2.0301E+00	7.6461E-01	1.1190E+00	7.7182E-01
1.5000E-02	4.3603E+00	7.2007E-01	3.4007E+00	7.3437E-01	3.0135E+00	7.4010E-01	2.0326E+00	7.5425E-01	1.1225E+00	7.6507E-01
2.0000E-02	4.3557E+00	6.9843E-01	3.4000E+00	7.1746E-01	3.0138E+00	7.2508E-01	2.0348E+00	7.4392E-01	1.1260E+00	7.5835E-01
2.5000E-02	4.3491E+00	6.7690E-01	3.3983E+00	7.0060E-01	3.0135E+00	7.1011E-01	2.0368E+00	7.3362E-01	1.1294E+00	7.5166E-01
3.0000E-02	4.3405E+00	6.5550E-01	3.3956E+00	6.8382E-01	3.0125E+00	6.9519E-01	2.0386E+00	7.2335E-01	1.1328E+00	7.4499E-01
3.5000E-02	4.3300E+00	6.3424E-01	3.3920E+00	6.6712E-01	3.0108E+00	6.8034E-01	2.0402E+00	7.1312E-01	1.1362E+00	7.3834E-01
4.0000E-02	4.3176E+00	6.1314E-01	3.3874E+00	6.5050E-01	3.0085E+00	6.6556E-01	2.0416E+00	7.0292E-01	1.1395E+00	7.3173E-01
5.0000E-02	4.2874E+00	5.7149E-01	3.3756E+00	6.1758E-01	3.0018E+00	6.3622E-01	2.0437E+00	6.8264E-01	1.1459E+00	7.1858E-01
6.0000E-02	4.2504E+00	5.3069E-01	3.3603E+00	5.8512E-01	2.9927E+00	6.0724E-01	2.0449E+00	6.6252E-01	1.1521E+00	7.0554E-01
8.0000E-02	4.1586E+00	4.5205E-01	3.3199E+00	5.2180E-01	2.9673E+00	5.5049E-01	2.0449E+00	6.2285E-01	1.1640E+00	6.7979E-01
1.0000E-01	4.0476E+00	3.7793E-01	3.2680E+00	4.6099E-01	2.9333E+00	4.9562E-01	2.0416E+00	5.8402E-01	1.1751E+00	6.5451E-01
1.5000E-01	3.7203E+00	2.1469E-01	3.1008E+00	3.2179E-01	2.8180E+00	3.6827E-01	2.0206E+00	4.9124E-01	1.1993E+00	5.9341E-01
2.0000E-01	3.3743E+00	8.3069E-02	2.9038E+00	2.0253E-01	2.6746E+00	2.5657E-01	1.9841E+00	4.0555E-01	1.2183E+00	5.3547E-01
3.0000E-01	2.7606E+00	-1.0123E-01	2.5046E+00	2.1084E-02	2.3645E+00	8.0441E-02	1.8800E+00	2.5789E-01	1.2418E+00	4.2973E-01
4.0000E-01	2.2975E+00	-2.1176E-01	2.1616E+00	-9.9022E-02	2.0798E+00	-4.1584E-02	1.7575E+00	1.4193E-01	1.2486E+00	3.3805E-01
5.0000E-01	1.9590E+00	-2.7606E-01	1.8889E+00	-1.7573E-01	1.8426E+00	-1.2294E-01	1.6356E+00	5.4324E-02	1.2427E+00	2.6034E-01
6.0000E-01	1.7092E+00	-3.1045E-01	1.6764E+00	-2.2226E-01	1.6517E+00	-1.7485E-01	1.5238E+00	-9.7231E-03	1.2281E+00	1.9583E-01
7.0000E-01	1.5214E+00	-3.2452E-01	1.5107E+00	-2.4749E-01	1.4996E+00	-2.0544E-01	1.4255E+00	-5.4910E-02	1.2083E+00	1.4325E-01
8.0000E-01	1.3780E+00	-3.2427E-01	1.3809E+00	-2.5738E-01	1.3784E+00	-2.2043E-01	1.3413E+00	-8.5281E-02	1.1860E+00	1.0114E-01
1.0000E+00	1.1813E+00	-2.9584E-01	1.1981E+00	-2.4672E-01	1.2048E+00	-2.1906E-01	1.2107E+00	+1.1417E-01	1.1408E+00	4.2324E-02
1.2000E+00	1.0630E+00	-2.4665E-01	1.0846E+00	-2.1264E-01	1.0950E+00	-1.9304E-01	1.1209E+00	-1.1586E-01	1.1009E+00	8.4573E-03
1.3000E+00	1.0237E+00	-2.1874E-01	1.0459E+00	-1.9134E-01	1.0570E+00	-1.7532E-01	1.0879E+00	-1.1066E-01	1.0839E+00	-1.9000E-03
1.5000E+00	9.7285E-01	-1.6259E-01	9.9421E-01	-1.4647E-01	1.0053E+00	-1.3659E-01	1.0400E+00	-9.3886E-02	1.0560E+00	-1.3693E-02
1.7000E+00	9.4838E-01	-1.1162E-01	9.6711E-01	-1.0407E-01	9.7713E-01	-9.8944E-02	1.0104E+00	-7.3725E-02	1.0356E+00	-1.7708E-02
2.0000E+00	9.4126E-01	-5.2372E-02	9.5474E-01	-5.2943E-02	9.6220E-01	-5.2469E-02	9.8879E-01	-4.5228E-02	1.0160E+00	-1.6431E-02
2.5000E+00	9.6198E-01	-8.9343E-04	9.6734E-01	-5.7768E-03	9.7056E-01	-8.0923E-03	9.8362E-01	-1.3529E-02	1.0020E+00	-9.0905E-03
3.0000E+00	9.8535E-01	1.1610E-02	9.8599E-01	7.8424E-03	9.8658E-01	5.8455E-03	9.9028E-01	-4.5008E-04	9.9873E-01	-3.5634E-03
3.5000E+00	9.9807E-01	8.8847E-03	9.9711E-01	7.1705E-03	9.9671E-01	6.1778E-03	9.9630E-01	2.5068E-03	9.9880E-01	-9.5832E-04
4.0000E+00	1.0020E+00	3.9162E-03	1.0011E+00	3.5449E-03	1.0006E+00	3.2738E-03	9.9932E-01	1.9357E-03	9.9938E-01	-7.2500E-05
4.5000E+00	1.0020E+00	8.4242E-04	1.0015E+00	9.9663E-04	1.0012E+00	1.0383E-03	1.0003E+00	8.9610E-04	9.9977E-01	1.0841E-04
5.0000E+00	1.0010E+00	-2.8911E-04	1.0008E+00	-7.0701E-05	1.0008E+00	3.2070E-05	1.0003E+00	2.5223E-04	9.9994E-01	8.6934E-05

C= .0000E-01

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	1.0000E-02	7.8536E-01	1.0025E-02	7.3553E-01	1.0098E-02	6.8667E-01	1.0574E-02	5.5354E-01
1.5000E-02	1.5000E-02	7.8532E-01	1.5037E-02	7.3549E-01	1.5148E-02	6.8663E-01	1.5860E-02	5.5350E-01
2.0000E-02	2.0000E-02	7.8526E-01	2.0050E-02	7.3543E-01	2.0197E-02	6.8657E-01	2.1146E-02	5.5344E-01
2.5000E-02	2.5000E-02	7.8519E-01	2.5062E-02	7.3536E-01	2.5245E-02	6.8649E-01	2.6432E-02	5.5337E-01
3.0000E-02	3.0000E-02	7.8510E-01	3.0074E-02	7.3526E-01	3.0294E-02	6.8640E-01	3.1716E-02	5.5327E-01
3.5000E-02	3.5000E-02	7.8499E-01	3.5086E-02	7.3516E-01	3.5342E-02	6.8629E-01	3.7000E-02	5.5317E-01
4.0000E-02	4.0000E-02	7.8486E-01	4.0097E-02	7.3503E-01	4.0390E-02	6.8617E-01	4.2284E-02	5.5304E-01
5.0000E-02	5.0000E-02	7.8456E-01	5.0120E-02	7.3473E-01	5.0484E-02	6.8587E-01	5.2847E-02	5.5274E-01
6.0000E-02	6.0000E-02	7.8420E-01	6.0142E-02	7.3436E-01	6.0577E-02	6.8550E-01	6.3404E-02	5.5238E-01
8.0000E-02	8.0000E-02	7.8326E-01	8.0182E-02	7.3343E-01	8.0754E-02	6.8457E-01	8.4499E-02	5.5144E-01
1.0000E-01	9.9999E-02	7.8206E-01	1.0021E-01	7.3223E-01	1.0092E-01	6.8337E-01	1.0556E-01	5.5025E-01
1.5000E-01	1.4999E-01	7.7790E-01	1.5026E-01	7.2807E-01	1.5125E-01	6.7922E-01	1.5801E-01	5.4611E-01
2.0000E-01	1.9998E-01	7.7207E-01	2.0021E-01	7.2226E-01	2.0141E-01	6.7342E-01	2.1005E-01	5.4037E-01
3.0000E-01	2.9981E-01	7.5541E-01	2.9966E-01	7.0571E-01	3.0096E-01	6.5697E-01	3.1235E-01	5.2421E-01
4.0000E-01	3.9921E-01	7.3215E-01	3.9809E-01	6.8271E-01	3.9891E-01	6.3424E-01	4.1125E-01	5.0225E-01
5.0000E-01	4.9759E-01	7.0240E-01	4.9476E-01	6.5352E-01	4.9438E-01	6.0559E-01	5.0549E-01	4.7515E-01
6.0000E-01	5.9405E-01	6.6641E-01	5.8866E-01	6.1851E-01	5.8624E-01	5.7154E-01	5.9377E-01	4.4376E-01
7.0000E-01	6.8731E-01	6.2458E-01	6.7847E-01	5.7826E-01	6.7321E-01	5.3278E-01	6.7486E-01	4.0905E-01
8.0000E-01	7.7575E-01	5.7757E-01	7.6269E-01	5.3354E-01	7.5385E-01	4.9020E-01	7.4771E-01	3.7213E-01
1.0000E+00	9.3080E-01	4.7198E-01	9.0803E-01	4.3492E-01	8.9089E-01	3.9797E-01	8.6614E-01	2.9609E-01
1.2000E+00	1.0457E+00	3.5978E-01	1.0144E+00	3.3256E-01	9.8979E-01	3.0438E-01	9.4792E-01	2.2374E-01
1.3000E+00	1.0857E+00	3.0494E-01	1.0516E+00	2.8324E-01	1.0245E+00	2.5995E-01	9.7636E-01	1.9086E-01
1.5000E+00	1.1323E+00	2.0441E-01	1.0966E+00	1.9373E-01	1.0675E+00	1.8016E-01	1.0130E+00	1.3381E-01
1.7000E+00	1.1428E+00	1.2188E-01	1.1103E+00	1.2068E-01	1.0831E+00	1.1559E-01	1.0299E+00	6.9163E-02
2.0000E+00	1.1191E+00	3.6529E-02	1.0964E+00	4.4657E-02	1.0763E+00	4.8316E-02	1.0338E+00	4.3512E-02
2.5000E+00	1.0553E+00	-2.2387E-02	1.0486E+00	-1.0705E-02	1.0410E+00	-2.4003E-03	1.0211E+00	7.8934E-03
3.0000E+00	1.0131E+00	-2.5626E-02	1.0146E+00	-1.8039E-02	1.0142E+00	-1.1885E-02	1.0089E+00	-1.7451E-03
3.5000E+00	9.9667E-01	-1.3773E-02	1.0000E+00	-1.0999E-02	1.0019E+00	-8.2260E-03	1.0027E+00	-2.5121E-03
4.0000E+00	9.9436E-01	-4.0956E-03	9.9676E-01	-4.1030E-03	9.9846E-01	-3.5499E-03	1.0004E+00	-1.4473E-03
4.5000E+00	9.9657E-01	2.7798E-04	9.9758E-01	-5.6487E-04	9.9846E-01	-8.8222E-04	9.9983E-01	-5.8448E-04
5.0000E+00	9.9880E-01	1.2041E-03	9.9893E-01	5.0764E-04	9.9919E-01	9.6495E-05	9.9981E-01	-1.5443E-04

C= 1.0000E-02

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	1.8476E-02	3.9261E-01	1.8522E-02	3.4279E-01	1.8658E-02	2.9393E-01	1.9536E-02	1.6083E-01
1.5000E-02	2.3174E-02	4.7520E-01	2.3231E-02	4.2538E-01	2.3402E-02	3.7653E-01	2.4502E-02	2.4343E-01
2.0000E-02	2.7976E-02	5.2967E-01	2.8045E-02	4.7985E-01	2.8250E-02	4.3100E-01	2.9578E-02	2.9791E-01
2.5000E-02	3.2837E-02	5.6806E-01	3.2917E-02	5.1824E-01	3.3158E-02	4.6939E-01	3.4715E-02	3.3631E-01
3.0000E-02	3.7733E-02	5.9647E-01	3.7825E-02	5.4666E-01	3.8102E-02	4.9781E-01	3.9889E-02	3.6474E-01
3.5000E-02	4.2653E-02	6.1830E-01	4.2757E-02	5.6849E-01	4.3068E-02	5.1965E-01	4.5087E-02	3.8658E-01
4.0000E-02	4.7589E-02	6.3557E-01	4.7704E-02	5.8575E-01	4.8051E-02	5.3691E-01	5.0301E-02	4.0385E-01
5.0000E-02	5.7492E-02	6.6105E-01	5.7629E-02	6.1125E-01	5.8046E-02	5.6241E-01	6.0758E-02	4.2937E-01
6.0000E-02	6.7422E-02	6.7887E-01	6.7580E-02	6.2907E-01	6.8066E-02	5.8024E-01	7.1237E-02	4.4721E-01
8.0000E-02	8.7322E-02	7.0185E-01	8.7517E-02	6.5206E-01	8.8138E-02	6.0324E-01	9.2216E-02	4.7024E-01
1.0000E-01	1.0725E-01	7.1565E-01	1.0748E-01	6.6587E-01	1.0822E-01	6.1706E-01	1.1319E-01	4.8409E-01
1.5000E-01	1.5711E-01	7.3221E-01	1.5737E-01	6.8246E-01	1.5840E-01	6.3368E-01	1.6544E-01	5.0080E-01
2.0000E-01	2.0696E-01	7.3701E-01	2.0718E-01	6.8730E-01	2.0841E-01	6.3856E-01	2.1729E-01	5.0581E-01
3.0000E-01	3.0650E-01	7.3104E-01	3.0631E-01	6.8149E-01	3.0760E-01	6.3290E-01	3.1911E-01	5.0060E-01
4.0000E-01	4.0549E-01	7.1306E-01	4.0430E-01	6.6383E-01	4.0507E-01	6.1557E-01	4.1742E-01	4.8419E-01
5.0000E-01	5.0335E-01	6.8642E-01	5.0040E-01	6.3781E-01	4.9993E-01	5.9016E-01	5.1093E-01	4.6050E-01
6.0000E-01	5.9914E-01	6.5248E-01	5.9360E-01	6.0494E-01	5.9107E-01	5.5830E-01	5.9839E-01	4.3146E-01
7.0000E-01	6.9158E-01	6.1217E-01	6.8260E-01	5.6627E-01	6.7720E-01	5.2119E-01	6.7859E-01	3.9855E-01
8.0000E-01	7.7908E-01	5.6640E-01	7.6589E-01	5.2285E-01	7.5694E-01	4.7996E-01	7.5056E-01	3.6310E-01
1.0000E+00	9.3198E-01	4.6294E-01	9.0923E-01	4.2644E-01	8.9211E-01	3.8999E-01	8.6736E-01	2.8942E-01
1.2000E+00	1.0448E+00	3.5280E-01	1.0138E+00	3.2609E-01	9.8940E-01	2.9839E-01	9.4793E-01	2.1896E-01
1.3000E+00	1.0840E+00	2.9897E-01	1.0503E+00	2.7774E-01	1.0235E+00	2.5488E-01	9.7594E-01	1.8688E-01
1.5000E+00	1.1296E+00	2.0036E-01	1.0944E+00	1.8999E-01	1.0658E+00	1.7672E-01	1.0121E+00	1.3115E-01
1.7000E+00	1.1398E+00	1.1945E-01	1.1079E+00	1.1839E-01	1.0812E+00	1.1344E-01	1.0288E+00	8.7487E-02
2.0000E+00	1.1166E+00	3.5801E-02	1.0944E+00	4.3858E-02	1.0746E+00	4.7496E-02	1.0329E+00	4.2783E-02
2.5000E+00	1.0542E+00	-2.1943E-02	1.0476E+00	-1.0446E-02	1.0402E+00	-2.2740E-03	1.0206E+00	7.8316E-03
3.0000E+00	1.0128E+00	-2.5118E-02	1.0143E+00	-1.7667E-02	1.0140E+00	-1.1620E-02	1.0088E+00	-1.6672E-03
3.5000E+00	9.9674E-01	-1.3500E-02	1.0001E+00	-1.0781E-02	1.0019E+00	-8.0586E-03	1.0027E+00	-2.4480E-03
4.0000E+00	9.9447E-01	-4.0145E-03	9.9683E-01	-4.0248E-03	9.9850E-01	-3.4822E-03	1.0004E+00	-1.4159E-03
4.5000E+00	9.9664E-01	2.7247E-04	9.9763E-01	-5.5604E-04	9.9850E-01	-8.6766E-04	9.9983E-01	-5.7340E-04
5.0000E+00	9.9883E-01	1.1803E-03	9.9895E-01	4.9653E-04	9.9921E-01	9.3003E-05	9.9982E-01	-1.6197E-04

C= 5.0000E-02

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	5.7487E-02	1.2291E-01	5.7629E-02	7.3222E-02	5.8051E-02	2.4501E-02	6.3779E-02	-1.0820E-01
1.5000E-02	6.1496E-02	1.7271E-01	6.1647E-02	1.2303E-01	6.2097E-02	7.4314E-02	6.5012E-02	-5.4356E-02
2.0000E-02	6.5638E-02	2.1627E-01	6.5798E-02	1.6660E-01	6.6277E-02	1.1789E-01	6.9385E-02	-1.4749E-02
2.5000E-02	6.9889E-02	2.5455E-01	7.0058E-02	2.0488E-01	7.0568E-02	1.5619E-01	7.3872E-02	2.3579E-02
3.0000E-02	7.4231E-02	2.8835E-01	7.4409E-02	2.3869E-01	7.4969E-02	1.9001E-01	7.8454E-02	5.7426E-02
3.5000E-02	7.8648E-02	3.1833E-01	7.8835E-02	2.6869E-01	7.9405E-02	2.2002E-01	8.3113E-02	8.7465E-02
4.0000E-02	8.3129E-02	3.4506E-01	8.3324E-02	2.9543E-01	8.3924E-02	2.4677E-01	8.7837E-02	1.1425E-01
5.0000E-02	9.2241E-02	3.9052E-01	9.2453E-02	3.4091E-01	9.3114E-02	2.9227E-01	9.7439E-02	1.5980E-01
6.0000E-02	1.0151E-01	4.2756E-01	1.0174E-01	3.7797E-01	1.0246E-01	3.2935E-01	1.0720E-01	1.9695E-01
8.0000E-02	1.2036E-01	4.8383E-01	1.2061E-01	4.3428E-01	1.2145E-01	3.8571E-01	1.2702E-01	2.5344E-01
1.0000E-01	1.3948E-01	5.2409E-01	1.3975E-01	4.7459E-01	1.4070E-01	4.2606E-01	1.4708E-01	2.9393E-01
1.5000E-01	1.8789E-01	5.8582E-01	1.8816E-01	5.3645E-01	1.8934E-01	4.8804E-01	1.9766E-01	3.5628E-01
2.0000E-01	2.3666E-01	6.1828E-01	2.3683E-01	5.6905E-01	2.3815E-01	5.2078E-01	2.4805E-01	3.8943E-01
3.0000E-01	3.3429E-01	6.4364E-01	3.3391E-01	5.9477E-01	3.3516E-01	5.4687E-01	3.4721E-01	4.1656E-01
4.0000E-01	4.3123E-01	6.4257E-01	4.2971E-01	5.9426E-01	4.3028E-01	5.4690E-01	4.4284E-01	4.1815E-01
5.0000E-01	5.2666E-01	6.2641E-01	5.2325E-01	5.7898E-01	5.2243E-01	5.3247E-01	5.3396E-01	4.0606E-01
6.0000E-01	6.1954E-01	5.9970E-01	6.1344E-01	5.5359E-01	6.1047E-01	5.0834E-01	6.1696E-01	3.8536E-01
7.0000E-01	7.0856E-01	5.6488E-01	6.9901E-01	5.2067E-01	6.9315E-01	4.7719E-01	6.9358E-01	3.5895E-01
8.0000E-01	7.9218E-01	5.2369E-01	7.7854E-01	4.8204E-01	7.6925E-01	4.4095E-01	7.6198E-01	3.2890E-01
9.0000E-01	9.3657E-01	4.2836E-01	9.1399E-01	3.9400E-01	8.9697E-01	3.5954E-01	8.7235E-01	2.6408E-01
1.0000E+00	1.0415E+00	3.2612E-01	1.0115E+00	3.0140E-01	9.8804E-01	2.7554E-01	9.4817E-01	2.0076E-01
1.1000E+00	1.0775E+00	2.7620E-01	1.0454E+00	2.5673E-01	1.0198E+00	2.3551E-01	9.7455E-01	1.7170E-01
1.2000E+00	1.1192E+00	1.8493E-01	1.0862E+00	1.7570E-01	1.0592E+00	1.6355E-01	1.0088E+00	1.2099E-01
1.3000E+00	1.1284E+00	1.1021E-01	1.0987E+00	1.0961E-01	1.0738E+00	1.0523E-01	1.0249E+00	8.1063E-02
1.4000E+00	1.1072E+00	3.3032E-02	1.0866E+00	4.0800E-02	1.0683E+00	4.4343E-02	1.0295E+00	3.9969E-02
1.5000E+00	1.0499E+00	-2.0253E-02	1.0439E+00	-9.4689E-03	1.0371E+00	-1.8083E-03	1.0188E+00	7.5752E-03
1.6000E+00	1.0118E+00	-2.3185E-02	1.0133E+00	-1.6253E-02	1.0130E+00	-1.0620E-02	1.0081E+00	-1.3790E-03
1.7000E+00	9.9699E-01	-1.2461E-02	1.0001E+00	-9.9698E-03	1.0012E+00	-7.4212E-03	1.0025E+00	-2.2064E-03
1.8000E+00	9.9489E-01	-3.7056E-03	9.9709E-01	-3.7263E-03	9.9864E-01	-3.2239E-03	1.0004E+00	-1.2966E-03
1.9000E+00	9.9690E-01	2.5150E-04	9.9781E-01	-5.2194E-04	9.9862E-01	-8.1160E-04	9.9986E-01	-5.3095E-04
2.0000E+00	9.9892E-01	1.0894E-03	9.9903E-01	4.5441E-04	9.9927E-01	8.0006E-05	9.9984E-01	-1.5237E-04

C= 1.0000E-01

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	1.0723E-01	6.5236E-02	1.0749E-01	1.5937E-02	1.0828E-01	-3.2391E-02	1.1336E-01	-1.6391E-01
1.5000E-02	1.1100E-01	9.4535E-02	1.1127E-01	4.3254E-02	1.1208E-01	-3.0571E-03	1.1733E-01	-1.2453E-01
2.0000E-02	1.1485E-01	1.2184E-01	1.1513E-01	7.2577E-02	1.1596E-01	2.4284E-02	1.2139E-01	-1.0713E-01
2.5000E-02	1.1879E-01	1.4731E-01	1.1907E-01	9.8061E-02	1.1993E-01	4.9786E-02	1.2553E-01	-9.1575E-02
3.0000E-02	1.2280E-01	1.7108E-01	1.2309E-01	1.2185E-01	1.2397E-01	7.3593E-02	1.2975E-01	-7.7714E-02
3.5000E-02	1.2687E-01	1.9328E-01	1.2717E-01	1.4404E-01	1.2808E-01	9.5838E-02	1.3403E-01	-6.5414E-02
4.0000E-02	1.3101E-01	2.1405E-01	1.3130E-01	1.6486E-01	1.3224E-01	1.1664E-01	1.3837E-01	-5.4552E-02
5.0000E-02	1.3942E-01	2.5172E-01	1.3973E-01	2.0257E-01	1.4072E-01	1.5439E-01	1.4721E-01	2.3303E-02
6.0000E-02	1.4802E-01	2.8487E-01	1.4833E-01	2.3576E-01	1.4936E-01	1.8761E-01	1.5622E-01	5.6647E-02
8.0000E-02	1.6561E-01	3.4017E-01	1.6593E-01	2.9114E-01	1.6705E-01	2.4307E-01	1.7463E-01	1.1235E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8391E-01	3.3509E-01	1.8513E-01	2.8711E-01	1.9340E-01	1.5664E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2988E-01	4.1199E-01	2.3125E-01	3.6384E-01	2.4112E-01	2.4943E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7654E-01	4.5845E-01	2.7797E-01	4.1095E-01	2.8918E-01	2.8187E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7008E-01	5.0549E-01	3.7126E-01	4.5860E-01	3.8397E-01	3.3123E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6238E-01	5.1901E-01	4.6270E-01	4.7292E-01	4.7508E-01	3.4781E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5217E-01	5.1350E-01	5.5093E-01	4.6853E-01	5.6092E-01	3.4647E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.3822E-01	4.9546E-01	6.3473E-01	4.5201E-01	6.4032E-01	3.3403E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.1926E-01	4.6851E-01	7.1289E-01	4.2708E-01	7.1231E-01	3.1440E-01
8.0000E-01	8.0807E-01	4.7439E-01	7.9398E-01	4.3512E-01	7.8926E-01	3.9626E-01	7.7624E-01	2.9016E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.1977E-01	3.5657E-01	9.0300E-01	3.2449E-01	8.7877E-01	2.3517E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0091E+00	2.7295E-01	9.8673E-01	2.4921E-01	9.4891E-01	1.7990E-01
1.3000E+00	1.0702E+00	2.4998E-01	1.0399E+00	2.3256E-01	1.0158E+00	2.1321E-01	9.7335E-01	1.5428E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.0769E+00	1.5926E-01	1.0519E+00	1.4837E-01	1.0053E+00	1.0927E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.0883E+00	9.9513E-02	1.0655E+00	9.5737E-02	1.0206E+00	7.3610E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0778E+00	3.7255E-02	1.0611E+00	4.0665E-02	1.0256E+00	3.6662E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0397E+00	-8.3668E-03	1.0335E+00	-1.2069E-03	1.0168E+00	7.2355E-03
3.0000E+00	1.0107E+00	-2.0967E-02	1.0121E+00	-1.4636E-02	1.0118E+00	-9.4824E-03	1.0073E+00	-1.0665E-03
3.5000E+00	9.9728E-01	-1.1269E-02	1.0001E+00	-8.9966E-03	1.0017E+00	-6.6909E-03	1.0023E+00	-1.9343E-03
4.0000E+00	9.9538E-01	-3.3510E-03	9.9778E-01	-3.1825E-03	9.9880E-01	-2.9260E-03	1.0004E+00	-1.1603E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9803E-01	-4.8181E-04	9.9876E-01	-7.4596E-04	9.9988E-01	-4.8176E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9912E-01	4.0649E-04	9.9934E-01	6.5748E-05	9.9986E-01	-1.4093E-04

C= 2.0000E-01

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	2.0690E-01	3.2721E-02	2.0740E-01	-1.5045E-02	2.0890E-01	-6.1841E-02	2.1867E-01	-1.8877E-01
1.5000E-02	2.1043E-01	4.8199E-02	2.1093E-01	1.4635E-04	2.1245E-01	-4.6296E-02	2.2235E-01	-1.7312E-01
2.0000E-02	2.1400E-01	6.3116E-02	2.1450E-01	1.5417E-02	2.1604E-01	-3.1312E-02	2.2608E-01	-1.5804E-01
2.5000E-02	2.1763E-01	7.7492E-02	2.1812E-01	2.9828E-02	2.1968E-01	-1.6867E-02	2.2986E-01	-1.4350E-01
3.0000E-02	2.2129E-01	9.1348E-02	2.2179E-01	4.3718E-02	2.2336E-01	-2.2929E-03	2.3368E-01	-1.2947E-01
3.5000E-02	2.2500E-01	1.0470E-01	2.2549E-01	5.7107E-02	2.2708E-01	1.0481E-02	2.3753E-01	-1.1595E-01
4.0000E-02	2.2874E-01	1.1758E-01	2.2924E-01	7.0015E-02	2.3084E-01	2.3423E-02	2.4143E-01	-1.0290E-01
5.0000E-02	2.3634E-01	1.4195E-01	2.3682E-01	9.4402E-02	2.3849E-01	4.7937E-02	2.4937E-01	-7.8186E-02
6.0000E-02	2.4407E-01	1.6461E-01	2.4454E-01	1.1719E-01	2.4619E-01	7.0739E-02	2.5732E-01	-5.5178E-02
8.0000E-02	2.5986E-01	2.0530E-01	2.6030E-01	1.5803E-01	2.6199E-01	1.1172E-01	2.7362E-01	-1.3778E-02
1.0000E-01	2.7602E-01	2.4057E-01	2.7646E-01	1.9345E-01	2.7813E-01	1.4729E-01	2.9024E-01	2.2226E-02
1.5000E-01	3.1755E-01	3.0985E-01	3.1774E-01	2.6314E-01	3.1957E-01	2.1737E-01	3.2759E-01	9.3447E-02
2.0000E-01	3.6009E-01	3.5889E-01	3.5997E-01	3.1262E-01	3.6159E-01	2.6729E-01	3.7539E-01	1.4459E-01
3.0000E-01	4.4620E-01	4.1740E-01	4.4506E-01	3.7217E-01	4.4607E-01	3.2784E-01	4.6007E-01	2.0793E-01
4.0000E-01	5.3174E-01	4.4250E-01	5.2898E-01	3.9857E-01	5.2961E-01	3.5548E-01	5.4125E-01	2.5893E-01
5.0000E-01	6.1506E-01	4.4656E-01	6.1007E-01	4.0428E-01	6.0811E-01	3.6273E-01	6.1722E-01	2.5031E-01
6.0000E-01	6.9477E-01	4.3623E-01	6.8698E-01	3.9601E-01	6.8268E-01	3.5641E-01	6.8687E-01	2.4901E-01
7.0000E-01	7.6952E-01	4.1558E-01	7.5850E-01	3.7793E-01	7.5143E-01	3.4069E-01	7.4965E-01	2.3932E-01
8.0000E-01	8.3802E-01	3.8750E-01	8.2353E-01	3.5293E-01	8.1345E-01	3.1849E-01	8.0454E-01	2.2414E-01
1.0000E+00	9.5190E-01	3.1769E-01	9.3079E-01	2.9065E-01	9.1487E-01	2.6301E-01	8.9207E-01	1.8522E-01
1.2000E+00	1.0308E+00	2.4123E-01	1.0052E+00	2.2287E-01	9.8611E-01	2.0295E-01	9.5162E-01	1.4356E-01
1.3000E+00	1.0571E+00	2.0398E-01	1.0306E+00	1.8999E-01	1.0094E+00	1.7398E-01	9.7244E-01	1.2380E-01
1.5000E+00	1.0868E+00	1.3624E-01	1.0609E+00	1.3036E-01	1.0396E+00	1.2160E-01	9.9998E-01	8.8616E-02
1.7000E+00	1.0932E+00	8.1109E-02	1.0706E+00	8.1720E-02	1.0514E+00	7.8929E-02	1.0137E+00	6.0343E-02
2.0000E+00	1.0779E+00	2.4311E-02	1.0626E+00	3.0943E-02	1.0488E+00	3.4045E-02	1.0192E+00	3.0645E-02
2.5000E+00	1.0365E+00	-1.4919E-02	1.0323E+00	-6.4979E-03	1.0272E+00	-5.3049E-04	1.0132E+00	6.5044E-03
3.0000E+00	1.0087E+00	-1.7084E-02	1.0099E+00	-1.1824E-02	1.0097E+00	-7.5267E-03	1.0060E+00	-5.7616E-04
3.5000E+00	9.9778E-01	-9.1820E-03	1.0002E+00	-7.3268E-03	1.0015E+00	-5.4173E-03	1.0019E+00	-1.4778E-03
4.0000E+00	9.9623E-01	-2.7304E-03	9.9790E-01	-2.7765E-03	9.9907E-01	-2.4006E-03	1.0004E+00	-9.2364E-04
4.5000E+00	9.9771E-01	1.8532E-04	9.9840E-01	-4.0854E-04	9.9900E-01	-6.2716E-04	9.9992E-01	-3.9431E-04
5.0000E+00	9.9920E-01	8.0274E-04	9.9928E-01	3.2397E-04	9.9946E-01	4.2815E-05	9.9989E-01	-1.1966E-04

C= 3.0000E-01

V	BETA= .0000E-01 Q(AMP)	Q(PHASE)	BETA= 1.0000E-01 Q(AMP)	Q(PHASE)	BETA= 2.0000E-01 Q(AMP)	Q(PHASE)	BETA= 5.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-02	3.0650E-01	2.0706E-02	3.0723E-01	-2.4333E-02	3.0943E-01	-6.8603E-02	3.2375E-01	-1.8797E-01
1.5000E-02	3.0980E-01	3.0960E-02	3.1052E-01	-1.4230E-02	3.1273E-01	-5.8653E-02	3.2715E-01	-1.7768E-01
2.0000E-02	3.1313E-01	4.0758E-02	3.1384E-01	-4.3850E-03	3.1606E-01	-4.8560E-02	3.3057E-01	-1.6765E-01
2.5000E-02	3.1649E-01	5.0303E-02	3.1719E-01	5.2085E-03	3.1941E-01	-3.8919E-02	3.3402E-01	-1.5787E-01
3.0000E-02	3.1988E-01	5.9602E-02	3.2056E-01	1.4556E-02	3.2279E-01	-2.9524E-02	3.3749E-01	-1.4834E-01
3.5000E-02	3.2329E-01	6.8662E-02	3.2396E-01	2.3664E-02	3.2619E-01	-2.0369E-02	3.4099E-01	-1.3905E-01
4.0000E-02	3.2673E-01	7.7487E-02	3.2738E-01	3.2538E-02	3.2962E-01	-1.1447E-02	3.4450E-01	-1.2999E-01
5.0000E-02	3.3368E-01	9.4456E-02	3.3431E-01	4.9605E-02	3.3654E-01	5.7158E-03	3.5160E-01	-1.1255E-01
6.0000E-02	3.4072E-01	1.1055E-01	3.4132E-01	6.5802E-02	3.4355E-01	2.2009E-02	3.5876E-01	-9.5983E-02
8.0000E-02	3.5504E-01	1.4030E-01	3.5565E-01	9.5752E-02	3.5778E-01	5.2155E-02	3.7328E-01	-6.9527E-02
1.0000E-01	3.6963E-01	1.6705E-01	3.7005E-01	1.2270E-01	3.7224E-01	7.9308E-02	3.8799E-01	-4.7559E-02
1.5000E-01	4.0701E-01	2.2258E-01	4.0710E-01	1.7878E-01	4.0914E-01	1.3591E-01	4.2528E-01	2.0519E-02
2.0000E-01	4.4520E-01	2.6680E-01	4.4485E-01	2.2159E-01	4.4662E-01	1.7928E-01	4.6281E-01	6.5452E-02
3.0000E-01	5.2240E-01	3.1977E-01	5.2078E-01	2.7779E-01	5.2161E-01	2.3690E-01	5.3677E-01	1.2654E-01
4.0000E-01	5.9875E-01	3.4704E-01	5.9530E-01	3.0681E-01	5.9472E-01	2.6733E-01	6.0729E-01	1.6103E-01
5.0000E-01	6.7255E-01	3.5536E-01	6.6680E-01	3.1711E-01	6.6430E-01	2.7946E-01	6.7285E-01	1.7790E-01
6.0000E-01	7.4235E-01	3.5022E-01	7.3396E-01	3.1433E-01	7.2915E-01	2.7886E-01	7.3252E-01	1.8280E-01
7.0000E-01	8.0706E-01	3.3934E-01	7.9570E-01	3.0222E-01	7.8834E-01	2.6927E-01	7.8576E-01	1.7951E-01
8.0000E-01	8.6549E-01	3.1349E-01	8.5117E-01	2.8353E-01	8.4119E-01	2.5344E-01	8.3232E-01	1.7071E-01
1.0000E+00	9.6063E-01	2.5729E-01	9.4115E-01	2.3458E-01	9.2646E-01	2.1101E-01	9.0580E-01	1.4397E-01
1.2000E+00	1.0249E+00	1.9515E-01	1.0025E+00	1.8025E-01	9.8477E-01	1.6365E-01	9.5565E-01	1.1315E-01
1.3000E+00	1.0460E+00	1.6690E-01	1.0231E+00	1.5379E-01	1.0048E+00	1.4060E-01	9.7315E-01	9.8145E-02
1.5000E+00	1.0697E+00	1.1003E-01	1.0479E+00	1.0575E-01	1.0298E+00	9.8734E-02	9.9656E-01	7.1012E-02
1.7000E+00	1.0746E+00	5.5478E-02	1.0559E+00	6.6517E-02	1.0399E+00	6.4963E-02	1.0086E+00	4.8877E-02
2.0000E+00	1.0624E+00	1.9627E-02	1.0500E+00	2.5466E-02	1.0386E+00	2.8220E-02	1.0142E+00	2.5289E-02
2.5000E+00	1.0294E+00	-1.2049E-02	1.0260E+00	-4.9900E-03	1.0219E+00	2.1272E-06	1.0103E+00	5.7211E-03
3.0000E+00	1.0070E+00	-1.3779E-02	1.0081E+00	-9.4673E-03	1.0080E+00	-5.9153E-03	1.0048E+00	-2.3116E-04
3.5000E+00	9.9821E-01	-7.4163E-03	1.0002E+00	-5.9144E-03	1.0013E+00	-4.3454E-03	1.0016E+00	-1.1065E-03
4.0000E+00	9.9696E-01	-2.2053E-03	9.9832E-01	-2.2588E-03	9.9929E-01	-1.9512E-03	1.0003E+00	-7.2640E-04
4.5000E+00	9.9815E-01	1.4968E-04	9.9871E-01	-3.4281E-04	9.9921E-01	-5.2188E-04	9.9995E-01	-3.1891E-04
5.0000E+00	9.9936E-01	6.4837E-04	9.9942E-01	2.5578E-04	9.9957E-01	2.5899E-05	9.9992E-01	-1.0019E-04

C= 5.0000E-01

	BETA= .0000E-01		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	5.0533E-01	1.0421E-02	5.0844E-01	-2.6786E-02	5.0985E-01	-5.3043E-02	5.3187E-01	-1.5863E-01
1.5000E-02	5.0802E-01	1.5493E-02	5.0910E-01	-2.1649E-02	5.1248E-01	-5.7784E-02	5.3449E-01	-1.5326E-01
2.0000E-02	5.1071E-01	2.0475E-02	5.1176E-01	-1.6602E-02	5.1513E-01	-5.2734E-02	5.3712E-01	-1.4799E-01
2.5000E-02	5.1342E-01	2.5368E-02	5.1444E-01	-1.1644E-02	5.1779E-01	-4.7714E-02	5.3976E-01	-1.4280E-01
3.0000E-02	5.1615E-01	3.0173E-02	5.1713E-01	-6.7738E-03	5.2045E-01	-4.2782E-02	5.4241E-01	-1.3770E-01
3.5000E-02	5.1888E-01	3.4891E-02	5.1983E-01	-1.9908E-03	5.2313E-01	-3.7937E-02	5.4507E-01	-1.3269E-01
4.0000E-02	5.2162E-01	3.9522E-02	5.2254E-01	2.7064E-03	5.2581E-01	-3.3178E-02	5.4772E-01	-1.2776E-01
5.0000E-02	5.2714E-01	4.8533E-02	5.2798E-01	1.1848E-02	5.3120E-01	-2.3912E-02	5.5306E-01	-1.1816E-01
6.0000E-02	5.3270E-01	5.7212E-02	5.3346E-01	2.0659E-02	5.3663E-01	-1.4975E-02	5.5841E-01	-1.0890E-01
8.0000E-02	5.4392E-01	7.3614E-02	5.4451E-01	3.7328E-02	5.4755E-01	1.9451E-03	5.6916E-01	-9.1311E-02
1.0000E-01	5.5525E-01	8.8776E-02	5.5566E-01	5.2780E-02	5.5856E-01	1.7652E-02	5.7994E-01	-7.4938E-02
1.5000E-01	5.8395E-01	1.2183E-01	5.8382E-01	8.8512E-02	5.8630E-01	5.2039E-02	6.0691E-01	-3.2886E-02
2.0000E-01	6.1293E-01	1.4856E-01	6.1217E-01	1.1399E-01	6.1412E-01	8.0207E-02	6.3367E-01	-8.9395E-03
3.0000E-01	6.7071E-01	1.8633E-01	6.6840E-01	1.5340E-01	6.6904E-01	1.2113E-01	6.8563E-01	3.5759E-02
4.0000E-01	7.2688E-01	2.0747E-01	7.2272E-01	1.7643E-01	7.2173E-01	1.4588E-01	7.3441E-01	6.4737E-02
5.0000E-01	7.8012E-01	2.1605E-01	7.7391E-01	1.8715E-01	7.7107E-01	1.5856E-01	7.7917E-01	8.2137E-02
6.0000E-01	8.2941E-01	2.1518E-01	8.2107E-01	1.8869E-01	8.1628E-01	1.6227E-01	8.1940E-01	9.1059E-02
7.0000E-01	8.7398E-01	2.0731E-01	8.6356E-01	1.8346E-01	8.5684E-01	1.5941E-01	8.5490E-01	9.3848E-02
8.0000E-01	9.1330E-01	1.9442E-01	9.0098E-01	1.7339E-01	8.9247E-01	1.5187E-01	8.8567E-01	9.2298E-02
1.0000E+00	9.7520E-01	1.5978E-01	9.6010E-01	1.4466E-01	9.4877E-01	1.2845E-01	9.3383E-01	8.1387E-02
1.2000E+00	1.0154E+00	1.2103E-01	9.9930E-01	1.1169E-01	9.8658E-01	1.0069E-01	9.6647E-01	6.5905E-02
1.4000E+00	1.0284E+00	1.0219E-01	1.0124E+00	9.5506E-02	9.9952E-01	8.6918E-02	9.7803E-01	5.7875E-02
1.5000E+00	1.0426E+00	6.8111E-02	1.0281E+00	6.5994E-02	1.0159E+00	6.1637E-02	9.9380E-01	4.2814E-02
1.7000E+00	1.0456E+00	4.0511E-02	1.0334E+00	4.1801E-02	1.0228E+00	4.0715E-02	1.0024E+00	3.0102E-02
2.0000E+00	1.0382E+00	1.2143E-02	1.0303E+00	1.6347E-02	1.0229E+00	1.8329E-02	1.0071E+00	1.6133E-02
2.5000E+00	1.0181E+00	-7.4579E-03	1.0161E+00	-2.7686E-03	1.0134E+00	5.3122E-04	1.0059E+00	4.0633E-03
3.0000E+00	1.0043E+00	-8.5421E-03	1.0051E+00	-5.7554E-03	1.0051E+00	-3.4536E-03	1.0029E+00	1.3837E-04
3.5000E+00	9.9889E-01	-4.5910E-03	1.0002E+00	-3.4555E-03	1.0009E+00	-2.6482E-03	1.0010E+00	-5.7676E-04
4.0000E+00	9.9811E-01	-1.3652E-03	9.9899E-01	-1.4177E-03	9.9961E-01	-1.2206E-03	1.0002E+00	-4.2148E-04
4.5000E+00	9.9886E-01	9.2658E-05	9.9920E-01	-2.2799E-04	9.9952E-01	-3.4135E-04	9.9999E-01	-1.9584E-04
5.0000E+00	9.9960E-01	4.0137E-04	9.9964E-01	1.5100E-04	9.9973E-01	5.3174E-06	9.9995E-01	-6.5593E-05

C= 1.0000E+00

	BETA= .0000E-01		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.5000E-02	1.0000E+00	.0000E-01	1.0000E+00	-4.4473E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.0000E-02	1.0000E+00	.0000E-01	1.0000E+00	-4.4144E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.5000E-02	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-4.3489E-13
3.0000E-02	1.0000E+00	-8.7172E-13	1.0000E+00	8.6990E-13	1.0000E+00	-8.6802E-13	1.0000E+00	.0000E-01
3.5000E-02	1.0000E+00	.0000E-01	1.0000E+00	-8.6349E-13	1.0000E+00	-8.6132E-13	1.0000E+00	.0000E-01
4.0000E-02	1.0000E+00	-8.5947E-13	1.0000E+00	.0000E-01	1.0000E+00	-8.5468E-13	1.0000E+00	.0000E-01
5.0000E-02	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
6.0000E-02	1.0000E+00	.0000E-01	1.0000E+00	-1.6644E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
8.0000E-02	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.0000E-01	1.0000E+00	3.1583E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.5000E-01	1.0000E+00	-2.9429E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.0000E-01	1.0000E+00	-5.4849E-12	1.0000E+00	-5.4277E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
3.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-4.7064E-12	1.0000E+00	-4.6942E-12	1.0000E+00	.0000E-01
4.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
5.0000E-01	1.0000E+00	-7.2498E-12	1.0000E+00	-7.1670E-12	1.0000E+00	.0000E-01	1.0000E+00	3.3771E-12
6.0000E-01	1.0000E+00	-6.4635E-12	1.0000E+00	-6.3112E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
7.0000E-01	1.0000E+00	-5.6239E-12	1.0000E+00	-5.6041E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
8.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-5.0206E-12	1.0000E+00	.0000E-01
1.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-4.2348E-12	1.0000E+00	.0000E-01
1.2000E+00	1.0000E+00	-3.5927E-12	1.0000E+00	-3.6873E-12	1.0000E+00	-3.7619E-12	1.0000E+00	-1.7947E-12
1.3000E+00	1.0000E+00	.0000E-01	1.0000E+00	7.0551E-12	1.0000E+00	-3.6112E-12	1.0000E+00	.0000E-01
1.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	3.3417E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.7000E+00	1.0000E+00	3.1811E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	1.7694E-12
2.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	-8.2815E-13	1.0000E+00	8.4436E-13	1.0000E+00	.0000E-01
2.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	5.4580E-14	1.0000E+00	.0000E-01
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	-4.4822E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
3.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	1.1369E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
4.0000E+00	1.0000E+00	5.7166E-14	1.0000E+00	.0000E-01	1.0000E+00	2.8466E-14	1.0000E+00	.0000E-01
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	7.1227E-15	1.0000E+00	7.1164E-15	1.0000E+00	7.1067E-15
5.0000E+00	1.0000E+00	-1.4228E-14	1.0000E+00	.0000E-01	1.0000E+00	-3.8889E-16	1.0000E+00	.0000E-01

C= 2.0000E+00

	BETA= .0000E-01		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	1.9789E+00	-1.0421E-02	1.9163E+00	1.2862E-01	1.7744E+00	2.2687E-01	1.4109E+00	3.1209E-01
1.5000E-02	1.9684E+00	-1.5493E-02	1.9085E+00	1.2285E-01	1.7692E+00	2.2107E-01	1.4092E+00	3.0733E-01
2.0000E-02	1.9580E+00	-2.0475E-02	1.9006E+00	1.1716E-01	1.7640E+00	2.1535E-01	1.4075E+00	3.0261E-01
2.5000E-02	1.9477E+00	-2.5368E-02	1.8928E+00	1.1156E-01	1.7587E+00	2.0970E-01	1.4057E+00	2.9795E-01
3.0000E-02	1.9374E+00	-3.0173E-02	1.8850E+00	1.0604E-01	1.7535E+00	2.0411E-01	1.4039E+00	2.9333E-01
3.5000E-02	1.9272E+00	-3.4891E-02	1.8772E+00	1.0060E-01	1.7482E+00	1.9860E-01	1.4021E+00	2.8877E-01
4.0000E-02	1.9171E+00	-3.9522E-02	1.8694E+00	9.5260E-02	1.7429E+00	1.9316E-01	1.4003E+00	2.8424E-01
5.0000E-02	1.8970E+00	-4.8533E-02	1.8538E+00	8.4765E-02	1.7322E+00	1.8248E-01	1.3966E+00	2.7534E-01
6.0000E-02	1.8772E+00	-5.7212E-02	1.8383E+00	7.4607E-02	1.7214E+00	1.7207E-01	1.3928E+00	2.6663E-01
8.0000E-02	1.8385E+00	-7.3614E-02	1.8078E+00	5.5216E-02	1.6998E+00	1.5206E-01	1.3849E+00	2.4976E-01
1.0000E-01	1.8010E+00	-8.8796E-02	1.7774E+00	3.7015E-02	1.6782E+00	1.3309E-01	1.3768E+00	2.3361E-01
1.5000E-01	1.7125E+00	-1.2183E-01	1.7042E+00	-3.5841E-03	1.6244E+00	9.0059E-02	1.3557E+00	1.9628E-01
2.0000E-01	1.6315E+00	-1.4856E-01	1.6351E+00	-3.7744E-02	1.5723E+00	5.2852E-02	1.3338E+00	1.6309E-01
3.0000E-01	1.4910E+00	-1.8633E-01	1.5104E+00	-8.9811E-02	1.4739E+00	-6.2152E-03	1.2899E+00	1.0784E-01
4.0000E-01	1.3757E+00	-2.0747E-01	1.4053E+00	-1.2409E-01	1.3869E+00	-4.8183E-02	1.2477E+00	6.5417E-02
5.0000E-01	1.2819E+00	-2.1605E-01	1.3169E+00	-1.4467E-01	1.3117E+00	-7.6800E-02	1.2089E+00	3.3516E-02
6.0000E-01	1.2057E+00	-2.1518E-01	1.2435E+00	-1.5478E-01	1.2477E+00	-9.4414E-02	1.1741E+00	1.2111E-02
7.0000E-01	1.1442E+00	-2.0731E-01	1.1831E+00	-1.5691E-01	1.1939E+00	-1.0403E-01	1.1435E+00	-6.5299E-03
8.0000E-01	1.0949E+00	-1.9442E-01	1.1338E+00	-1.5316E-01	1.1490E+00	-1.0742E-01	1.1170E+00	-1.7858E-02
1.0000E+00	1.0254E+00	-1.5978E-01	1.0617E+00	-1.3428E-01	1.0816E+00	-1.0459E-01	1.0752E+00	-2.9716E-02
1.2000E+00	9.8479E-01	-1.2103E-01	1.0166E+00	-1.0799E-01	1.0374E+00	-8.6401E-02	1.0459E+00	-3.4996E-02
1.3000E+00	9.7241E-01	-1.0219E-01	1.0016E+00	-9.4155E-02	1.0220E+00	-7.7315E-02	1.0350E+00	-3.9887E-02
1.5000E+00	9.5910E-01	-6.8111E-02	9.8273E-01	-6.4772E-02	1.0021E+00	-5.8770E-02	1.0190E+00	-2.5528E-02
1.7000E+00	9.5641E-01	-4.0511E-02	9.7447E-01	-4.5100E-02	9.8993E-01	-4.1809E-02	1.0089E+00	-2.0336E-02
2.0000E+00	9.6320E-01	-1.2143E-02	9.7378E-01	-2.0030E-02	9.8444E-01	-2.1890E-02	1.0010E+00	-1.2890E-02
2.5000E+00	9.0222E-01	7.4579E-03	9.6430E-01	4.1793E-04	9.8832E-01	-3.7494E-03	9.9758E-01	-4.6675E-03
3.0000E+00	9.9567E-01	8.5421E-03	9.9425E-01	3.4843E-03	9.9467E-01	1.8370E-03	9.9816E-01	-1.6925E-03
3.5000E+00	1.0011E+00	4.5910E-03	9.9929E-01	3.5091E-03	9.9854E-01	2.1357E-03	9.9913E-01	1.7345E-05
4.0000E+00	1.0019E+00	1.3652E-03	1.0008E+00	1.5149E-03	1.0000E+00	1.1835E-03	9.9970E-01	1.9278E-04
4.5000E+00	1.0011E+00	-9.2658E-05	1.0007E+00	3.1341E-04	1.0003E+00	4.2137E-04	9.9994E-01	1.3036E-04
5.0000E+00	1.0004E+00	-4.0137E-04	1.0004E+00	-9.4569E-05	1.0002E+00	6.1301E-05	1.0000E+00	5.8186E-05

C= 3.0000E+00

	BETA= .0000E-01		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	2.9440E+00	-1.8417E-02	2.5683E+00	2.9586E-01	2.1011E+00	4.1534E-01	1.4753E+00	4.3200E-01
1.5000E-02	2.9316E+00	-2.7304E-02	2.5558E+00	2.8571E-01	2.0958E+00	4.0656E-01	1.4742E+00	4.2596E-01
2.0000E-02	2.8891E+00	-3.5980E-02	2.5431E+00	2.7571E-01	2.0904E+00	3.9787E-01	1.4730E+00	4.1997E-01
2.5000E-02	2.8621E+00	-4.4452E-02	2.5304E+00	2.6586E-01	2.0849E+00	3.8927E-01	1.4718E+00	4.1404E-01
3.0000E-02	2.8354E+00	-5.2723E-02	2.5175E+00	2.5614E-01	2.0795E+00	3.8076E-01	1.4705E+00	4.0815E-01
3.5000E-02	2.8090E+00	-6.0796E-02	2.5045E+00	2.4657E-01	2.0735E+00	3.7234E-01	1.4692E+00	4.0233E-01
4.0000E-02	2.7830E+00	-6.8678E-02	2.4914E+00	2.3714E-01	2.0676E+00	3.6401E-01	1.4678E+00	3.9655E-01
5.0000E-02	2.7318E+00	-8.3878E-02	2.4650E+00	2.1871E-01	2.0555E+00	3.4762E-01	1.4649E+00	3.8516E-01
6.0000E-02	2.6819E+00	-9.8356E-02	2.4386E+00	2.0083E-01	2.0430E+00	3.3160E-01	1.4618E+00	3.7398E-01
8.0000E-02	2.5859E+00	-1.2527E-01	2.3848E+00	1.6675E-01	2.0171E+00	3.0064E-01	1.4552E+00	3.5225E-01
1.0000E-01	2.4951E+00	-1.4964E-01	2.3310E+00	1.3482E-01	1.9900E+00	2.7114E-01	1.4480E+00	3.3135E-01
1.5000E-01	2.2895E+00	-2.0098E-01	2.1987E+00	6.3931E-02	1.9192E+00	2.0365E-01	1.4280E+00	2.8271E-01
2.0000E-01	2.1119E+00	-2.4040E-01	2.0728E+00	4.6696E-03	1.8484E+00	1.4476E-01	1.4057E+00	2.3903E-01
3.0000E-01	1.8261E+00	-2.9292E-01	1.8487E+00	-8.4703E-02	1.7047E+00	5.0221E-02	1.3578E+00	1.6541E-01
4.0000E-01	1.6110E+00	-3.1977E-01	1.6638E+00	-1.4368E-01	1.5786E+00	-1.8141E-02	1.3094E+00	1.0797E-01
5.0000E-01	1.4447E+00	-3.2867E-01	1.5140E+00	-1.8028E-01	1.4651E+00	-6.5822E-02	1.2633E+00	6.4050E-02
6.0000E-01	1.3198E+00	-3.2467E-01	1.3934E+00	-2.0034E-01	1.3708E+00	-9.7449E-02	1.2212E+00	3.1194E-02
7.0000E-01	1.2211E+00	-3.1130E-01	1.2964E+00	-2.0814E-01	1.2920E+00	-1.1673E-01	1.1837E+00	7.2303E-03
8.0000E-01	1.1440E+00	-2.9122E-01	1.2185E+00	-2.0686E-01	1.2265E+00	-1.2686E-01	1.1509E+00	-9.5810E-03
1.0000E+00	1.0381E+00	-2.3908E-01	1.1065E+00	-1.8646E-01	1.1287E+00	-1.2696E-01	1.0987E+00	-2.8215E-02
1.2000E+00	9.7738E-01	-1.8129E-01	1.0366E+00	-1.5345E-01	1.0642E+00	-1.1215E-01	1.0615E+00	-3.3683E-02
1.3000E+00	9.5903E-01	-1.5316E-01	1.0132E+00	-1.3526E-01	1.0414E+00	-1.0192E-01	1.0475E+00	-3.9471E-02
1.5000E+00	9.3935E-01	-1.0217E-01	9.8286E-01	-9.9521E-02	1.0100E+00	-7.9684E-02	1.0268E+00	-2.9919E-02
1.7000E+00	9.3535E-01	-6.0793E-02	9.6846E-01	-6.7888E-02	9.9228E-01	-5.8254E-02	1.0135E+00	-2.4433E-02
2.0000E+00	9.4531E-01	-1.8223E-02	9.6469E-01	-3.2917E-02	9.8200E-01	-3.1994E-02	1.0027E+00	-1.6015E-02
2.5000E+00	9.7345E-01	1.1188E-02	9.7743E-01	-1.2147E-03	9.8469E-01	-6.7802E-03	9.9750E-01	-6.1175E-03
3.0000E+00	9.9352E-01	1.2813E-02	9.9119E-01	6.3126E-03	9.9251E-01	1.7301E-03	9.9783E-01	-1.5775E-03
3.5000E+00	1.0017E+00	6.8865E-03	9.9858E-01	4.9705E-03	9.9771E-01	2.6928E-03	9.9891E-01	-7.7832E-05
4.0000E+00	1.0028E+00	2.0478E-03	1.0009E+00	2.2700E-03	9.9990E-01	1.6151E-03	9.9961E-01	2.0725E-04
4.5000E+00	1.0017E+00	-1.3899E-04	1.0010E+00	5.6464E-04	1.0004E+00	6.2157E-04	9.9991E-01	1.5611E-04
5.0000E+00	1.0006E+00	-6.0205E-04	1.0005E+00	-9.3312E-05	1.0003E+00	1.1783E-04	1.0000E+00	7.3587E-05

C= 5.0000E+00

	BETA= .0000E-01		BETA= 1.0000E-03		BETA= 1.0000E-02		BETA= 2.0000E-02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	4.8333E+00	-3.2721E-02	4.8345E+00	-2.1140E-02	4.7825E+00	8.1388E-02	4.6157E+00	1.8422E-01
1.5000E-02	4.7522E+00	-4.8199E-02	4.7543E+00	-3.6824E-02	4.7122E+00	6.4190E-02	4.5586E+00	1.6617E-01
2.0000E-02	4.6728E+00	-6.3116E-02	4.6756E+00	-5.1946E-02	4.6427E+00	4.7542E-02	4.5016E+00	1.4862E-01
2.5000E-02	4.5950E+00	-7.7492E-02	4.5985E+00	-6.6526E-02	4.5739E+00	3.1430E-02	4.4447E+00	1.3156E-01
3.0000E-02	4.5189E+00	-9.1348E-02	4.5230E+00	-8.0583E-02	4.5060E+00	1.5839E-02	4.3879E+00	1.1495E-01
3.5000E-02	4.4445E+00	-1.0470E-01	4.4491E+00	-9.4136E-02	4.4391E+00	7.5486E-04	4.3314E+00	9.8830E-02
4.0000E-02	4.3717E+00	-1.1758E-01	4.3768E+00	-1.0720E-01	4.3732E+00	-1.3838E-02	4.2753E+00	8.3167E-02
5.0000E-02	4.2311E+00	-1.4195E-01	4.2371E+00	-1.3196E-01	4.2446E+00	-4.1610E-02	4.1645E+00	5.3185E-02
6.0000E-02	4.0972E+00	-1.6461E-01	4.1037E+00	-1.5498E-01	4.1205E+00	-6.7593E-02	4.0580E+00	2.4925E-02
8.0000E-02	3.8482E+00	-2.0530E-01	3.8556E+00	-1.9636E-01	3.8863E+00	-1.1464E-01	3.8471E+00	-2.6764E-02
1.0000E-01	3.6230E+00	-2.4057E-01	3.6308E+00	-2.3226E-01	3.6703E+00	-1.5585E-01	3.6505E+00	-7.2572E-02
1.5000E-01	3.1491E+00	-3.0985E-01	3.1569E+00	-3.0288E-01	3.2066E+00	-2.3799E-01	3.2160E+00	-1.6549E-01
2.0000E-01	2.7771E+00	-3.5889E-01	2.7844E+00	-3.5296E-01	2.8391E+00	-2.9737E-01	2.8581E+00	-2.3415E-01
3.0000E-01	2.2412E+00	-4.1740E-01	2.2470E+00	-4.1298E-01	2.2920E+00	-3.7104E-01	2.3228E+00	-3.2218E-01
4.0000E-01	1.8806E+00	-4.4250E-01	1.8854E+00	-4.3911E-01	1.9233E+00	-4.0661E-01	1.9535E+00	-3.6803E-01
5.0000E-01	1.6259E+00	-4.4656E-01	1.6298E+00	-4.4393E-01	1.6619E+00	-4.1840E-01	1.6896E+00	-3.8753E-01
6.0000E-01	1.4393E+00	-4.3623E-01	1.4426E+00	-4.3419E-01	1.4702E+00	-4.1412E-01	1.4952E+00	-3.8932E-01
7.0000E-01	1.2995E+00	-4.1558E-01	1.3023E+00	-4.1403E-01	1.3262E+00	-3.9843E-01	1.3488E+00	-3.7863E-01
8.0000E-01	1.1933E+00	-3.8750E-01	1.1957E+00	-3.8635E-01	1.2166E+00	-3.7453E-01	1.2370E+00	-3.5897E-01
1.0000E+00	1.0505E+00	-3.1769E-01	1.0524E+00	-3.1719E-01	1.0689E+00	-3.1139E-01	1.0851E+00	-3.0267E-01
1.2000E+00	9.7014E-01	-2.4123E-01	9.7152E-01	-2.4119E-01	9.8391E-01	-2.3976E-01	9.9713E-01	-2.3615E-01
1.3000E+00	9.4599E-01	-2.0398E-01	9.4717E-01	-2.0410E-01	9.5792E-01	-2.0429E-01	9.6958E-01	-2.0266E-01
1.5000E+00	9.2010E-01	-1.3624E-01	9.2094E-01	-1.3659E-01	9.2875E-01	-1.3903E-01	9.3756E-01	-1.4027E-01
1.7000E+00	9.1478E-01	-8.1109E-02	9.1534E-01	-8.1557E-02	9.2069E-01	-8.5116E-02	9.2699E-01	-8.7986E-02
2.0000E+00	9.2774E-01	-2.4311E-02	9.2799E-01	-2.4756E-02	9.3050E-01	-2.8539E-02	9.3377E-01	-3.2159E-02
2.5000E+00	9.6475E-01	1.9419E-02	9.6472E-01	1.9650E-02	9.6440E-01	1.2216E-02	9.6484E-01	9.5876E-03
3.0000E+00	9.9139E-01	3.7084E-02	9.9126E-01	3.6985E-02	9.9043E-01	3.0861E-02	9.8968E-01	1.4877E-02
3.5000E+00	1.0022E+00	9.1820E-03	1.0021E+00	9.1753E-03	1.0015E+00	9.0642E-03	1.0008E+00	8.8435E-03
4.0000E+00	1.0038E+00	2.7304E-03	1.0037E+00	2.7520E-03	1.0034E+00	2.9219E-03	1.0031E+00	3.0567E-03
4.5000E+00	1.0023E+00	-1.8532E-04	1.0023E+00	-1.6023E-04	1.0022E+00	1.2707E-06	1.0021E+00	1.6932E-04
5.0000E+00	1.0008E+00	-8.6277E-04	1.0008E+00	-7.9306E-04	1.0008E+00	-7.0439E-04	1.0008E+00	-6.0584E-04

C= 5.0000E+00

	BETA= 5.0000E-02		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	3.9029E+00	3.8780E-01	3.0366E+00	5.1685E-01	2.2309E+00	5.4669E-01	1.4920E+00	5.0022E-01
1.5000E-02	3.8795E+00	3.7060E-01	3.0268E+00	5.0282E-01	2.2280E+00	5.5660E-01	1.4915E+00	4.9358E-01
2.0000E-02	3.8482E+00	3.5369E-01	3.0164E+00	4.8893E-01	2.2248E+00	5.4628E-01	1.4908E+00	4.8699E-01
2.5000E-02	3.8198E+00	3.3707E-01	3.0056E+00	4.7519E-01	2.2214E+00	5.3604E-01	1.4901E+00	4.8045E-01
3.0000E-02	3.7908E+00	3.2075E-01	2.9942E+00	4.6159E-01	2.2178E+00	5.2587E-01	1.4894E+00	4.7397E-01
3.5000E-02	3.7612E+00	3.0472E-01	2.9824E+00	4.4815E-01	2.2140E+00	5.1579E-01	1.4885E+00	4.6753E-01
4.0000E-02	3.7312E+00	2.8900E-01	2.9702E+00	4.3486E-01	2.2099E+00	5.0579E-01	1.4877E+00	4.6116E-01
5.0000E-02	3.6700E+00	2.5844E-01	2.9445E+00	4.0876E-01	2.2012E+00	4.8604E-01	1.4857E+00	4.4856E-01
6.0000E-02	3.6076E+00	2.2908E-01	2.9173E+00	3.8330E-01	2.1918E+00	4.6664E-01	1.4835E+00	4.3617E-01
8.0000E-02	3.4807E+00	1.7391E-01	2.8592E+00	3.3440E-01	2.1708E+00	4.2890E-01	1.4786E+00	4.1209E-01
1.0000E-01	3.3535E+00	1.2334E-01	2.7973E+00	2.8822E-01	2.1473E+00	3.9264E-01	1.4728E+00	3.8878E-01
1.5000E-01	3.0463E+00	1.5488E-02	2.6328E+00	1.8676E-01	2.0801E+00	3.0866E-01	1.4556E+00	3.3434E-01
2.0000E-01	2.7678E+00	-6.9404E-02	2.4658E+00	9.7683E-02	2.0050E+00	2.3431E-01	1.4350E+00	2.8513E-01
3.0000E-01	2.3125E+00	-1.8724E-01	2.1569E+00	-3.4012E-02	1.8480E+00	1.1307E-01	1.3882E+00	2.0150E-01
4.0000E-01	1.9750E+00	-2.5716E-01	1.9000E+00	-1.2351E-01	1.6989E+00	2.3850E-02	1.3385E+00	1.3560E-01
5.0000E-01	1.7241E+00	-2.9584E-01	1.6943E+00	-1.7728E-01	1.5669E+00	-3.9630E-02	1.2900E+00	8.4736E-02
6.0000E-01	1.5347E+00	-3.1326E-01	1.5313E+00	-2.1029E-01	1.4542E+00	-8.3056E-02	1.2450E+00	4.6285E-02
7.0000E-01	1.3898E+00	-3.1570E-01	1.4021E+00	-2.2677E-01	1.3597E+00	-1.1106E-01	1.2045E+00	1.7887E-02
8.0000E-01	1.2777E+00	-3.0735E-01	1.2995E+00	-2.3114E-01	1.2813E+00	-1.2730E-01	1.1688E+00	-2.4899E-03
1.0000E+00	1.1224E+00	-2.6979E-01	1.1532E+00	-2.1579E-01	1.1637E+00	-1.3531E-01	1.1115E+00	-2.5714E-02
1.2000E+00	1.0295E+00	-2.1789E-01	1.0619E+00	-1.8241E-01	1.0858E+00	-1.2359E-01	1.0703E+00	-3.3739E-02
1.3000E+00	9.9924E-01	-1.9032E-01	1.0308E+00	-1.6276E-01	1.0580E+00	-1.1380E-01	1.0547E+00	-3.4297E-02
1.5000E+00	9.6148E-01	-1.3712E-01	9.8978E-01	-1.2267E-01	1.0191E+00	-9.1006E-02	1.0315E+00	-3.1532E-02
1.7000E+00	9.4527E-01	-9.0809E-02	9.6891E-01	-8.5880E-02	9.9655E-01	-6.7943E-02	1.0164E+00	-2.6226E-02
2.0000E+00	9.4455E-01	-3.9162E-02	9.6058E-01	-3.4263E-02	9.8221E-01	-3.4827E-02	1.0039E+00	-1.7564E-02
2.5000E+00	9.6717E-01	2.9587E-03	9.7278E-01	-3.9362E-03	9.8299E-01	-9.2765E-03	9.9760E-01	-6.9073E-03
3.0000E+00	9.8851E-01	1.1391E-02	9.8864E-01	6.7121E-03	9.9120E-01	1.2883E-03	9.9769E-01	-1.8704E-03
3.5000E+00	9.9919E-01	1.8179E-03	9.9774E-01	5.8832E-03	9.9811E-01	2.8917E-03	9.9880E-01	-1.4955E-04
4.0000E+00	1.0021E+00	3.1704E-03	1.0009E+00	2.8585E-03	9.9973E-01	1.8539E-03	9.9955E-01	2.0616E-04
4.5000E+00	1.0018E+00	5.3528E-04	1.0012E+00	7.9604E-04	1.0004E+00	7.5525E-04	9.9989E-01	1.6722E-04
5.0000E+00	1.0008E+00	-3.4367E-04	1.0007E+00	-5.4247E-05	1.0004E+00	1.6594E-04	1.0000E+00	8.1447E-05

C= 8.0000E+00

	BETA= .0000E-01		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	7.5675E+00	-5.2604E-02	3.1421E+00	6.2740E-01	2.2522E+00	6.2588E-01	1.4945E+00	5.2414E-01
1.5000E-02	7.3615E+00	-7.6727E-02	3.1365E+00	6.1221E-01	2.2506E+00	6.1505E-01	1.4942E+00	5.1731E-01
2.0000E-02	7.1423E+00	-9.9513E-02	3.1303E+00	5.9721E-01	2.2489E+00	6.0429E-01	1.4938E+00	5.1053E-01
2.5000E-02	6.9709E+00	-1.2104E-01	3.1233E+00	5.8216E-01	2.2465E+00	5.9359E-01	1.4933E+00	5.0380E-01
3.0000E-02	6.7862E+00	-1.4139E-01	3.1157E+00	5.6731E-01	2.2441E+00	5.8297E-01	1.4927E+00	4.9713E-01
3.5000E-02	6.6085E+00	-1.6069E-01	3.1074E+00	5.5259E-01	2.2411E+00	5.7242E-01	1.4921E+00	4.9051E-01
4.0000E-02	6.4378E+00	-1.7884E-01	3.0985E+00	5.3798E-01	2.2378E+00	5.6194E-01	1.4915E+00	4.8394E-01
5.0000E-02	6.1160E+00	-2.1240E-01	3.0790E+00	5.0919E-01	2.2321E+00	5.4121E-01	1.4899E+00	4.7096E-01
6.0000E-02	5.8194E+00	-2.4255E-01	3.0572E+00	4.8087E-01	2.2251E+00	5.2080E-01	1.4882E+00	4.5819E-01
8.0000E-02	5.2935E+00	-2.9422E-01	3.0078E+00	4.2638E-01	2.2075E+00	4.8097E-01	1.4839E+00	4.3329E-01
1.0000E-01	4.8451E+00	-3.3652E-01	2.9517E+00	3.7442E-01	2.1872E+00	4.4254E-01	1.4788E+00	4.0925E-01
1.5000E-01	3.9800E+00	-4.1320E-01	2.7918E+00	2.5668E-01	2.1257E+00	3.5298E-01	1.4629E+00	3.5289E-01
2.0000E-01	3.3668E+00	-4.6240E-01	2.6191E+00	1.5543E-01	2.0534E+00	2.7308E-01	1.4433E+00	3.0182E-01
3.0000E-01	2.5684E+00	-5.1454E-01	2.2852E+00	3.5849E-03	1.8957E+00	1.4171E-01	1.3973E+00	2.1477E-01
4.0000E-01	2.0786E+00	-5.3183E-01	2.0011E+00	-9.8802E-02	1.7416E+00	4.4199E-02	1.3477E+00	1.4592E-01
5.0000E-01	1.7515E+00	-5.2871E-01	1.7727E+00	-1.6487E-01	1.6037E+00	-1.6577E-02	1.2987E+00	9.2585E-02
6.0000E-01	1.5208E+00	-5.1191E-01	1.5921E+00	-2.0506E-01	1.4848E+00	-7.4112E-02	1.2529E+00	5.2126E-02
7.0000E-01	1.3520E+00	-4.8524E-01	1.4494E+00	-2.2661E-01	1.3849E+00	-1.0585E-01	1.2115E+00	2.2119E-02
8.0000E-01	1.2258E+00	-4.5129E-01	1.3365E+00	-2.3198E-01	1.3018E+00	-1.2490E-01	1.1749E+00	4.7041E-04
1.0000E+00	1.0587E+00	-3.6960E-01	1.1756E+00	-2.2339E-01	1.1773E+00	-1.3650E-01	1.1159E+00	-2.4505E-02
1.2000E+00	9.6542E-01	-2.8097E-01	1.0751E+00	-1.9152E-01	1.0946E+00	-1.2654E-01	1.0734E+00	-3.3527E-02
1.3000E+00	9.3749E-01	-2.3774E-01	1.0407E+00	-1.7195E-01	1.0649E+00	-1.1717E-01	1.0573E+00	-3.4387E-02
1.5000E+00	9.0775E-01	-1.5896E-01	9.9481E-01	-1.3114E-01	1.0232E+00	-9.4583E-02	1.0331E+00	-3.1962E-02
1.7000E+00	9.0133E-01	-9.4676E-02	9.7082E-01	-9.2963E-02	9.9870E-01	-7.1213E-02	1.0174E+00	-2.6770E-02
2.0000E+00	9.1621E-01	-2.8377E-02	9.5998E-01	-4.7311E-02	9.8269E-01	-4.1033E-02	1.0044E+00	-1.8042E-02
2.5000E+00	9.5900E-01	1.7408E-02	9.7121E-01	-5.4887E-03	9.8251E-01	-1.0293E-02	9.9765E-01	-7.1803E-03
3.0000E+00	9.8993E-01	1.9931E-02	9.8759E-01	6.6144E-03	9.9075E-01	1.0462E-03	9.9765E-01	-1.9766E-03
3.5000E+00	1.0026E+00	1.0712E-02	9.9732E-01	6.1612E-03	9.9688E-01	2.9272E-03	9.9876E-01	-1.7777E-04
4.0000E+00	1.0044E+00	3.1855E-03	1.0008E+00	3.0876E-03	9.9965E-01	1.9307E-03	9.9953E-01	2.0422E-04
4.5000E+00	1.0027E+00	-2.1620E-04	1.0012E+00	9.0355E-04	1.0004E+00	8.0423E-04	9.9988E-01	1.7055E-04
5.0000E+00	1.0009E+00	-9.3653E-04	1.0007E+00	-2.6083E-05	1.0004E+00	1.8581E-04	1.0000E+00	8.4072E-05

C= 1.0000E+01

	BETA= .0000E-01		BETA= 1.0000E-01		BETA= 2.0000E-01		BETA= 5.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-02	9.3259E+00	-6.5236E-02	3.1558E+00	6.5470E-01	2.2556E+00	6.3972E-01	1.4948E+00	5.2968E-01
1.5000E-02	9.0093E+00	-9.4535E-02	3.1515E+00	6.3931E-01	2.2536E+00	6.2881E-01	1.4946E+00	5.2281E-01
2.0000E-02	8.7067E+00	-1.2184E-01	3.1464E+00	6.2402E-01	2.2520E+00	6.1796E-01	1.4942E+00	5.1599E-01
2.5000E-02	8.4182E+00	-1.4707E-01	3.1407E+00	6.0882E-01	2.2501E+00	6.0717E-01	1.4938E+00	5.0922E-01
3.0000E-02	8.1433E+00	-1.7108E-01	3.1342E+00	5.9374E-01	2.2481E+00	5.9646E-01	1.4933E+00	5.0250E-01
3.5000E-02	7.8819E+00	-1.9328E-01	3.1270E+00	5.7877E-01	2.2458E+00	5.8581E-01	1.4927E+00	4.9583E-01
4.0000E-02	7.6333E+00	-2.1405E-01	3.1192E+00	5.6392E-01	2.2432E+00	5.7523E-01	1.4921E+00	4.8922E-01
5.0000E-02	7.1724E+00	-2.5172E-01	3.1017E+00	5.3462E-01	2.2378E+00	5.5430E-01	1.4907E+00	4.7615E-01
6.0000E-02	6.7561E+00	-2.8487E-01	3.0818E+00	5.0582E-01	2.2305E+00	5.3368E-01	1.4890E+00	4.6330E-01
8.0000E-02	6.0385E+00	-3.4437E-01	3.0356E+00	4.5004E-01	2.2143E+00	4.9341E-01	1.4849E+00	4.3823E-01
1.0000E-01	5.4468E+00	-3.8403E-01	2.9822E+00	3.9680E-01	2.1948E+00	4.5595E-01	1.4800E+00	4.1401E-01
1.5000E-01	4.3548E+00	-4.6031E-01	2.8255E+00	2.7578E-01	2.1350E+00	3.6371E-01	1.4644E+00	3.5722E-01
2.0000E-01	3.6173E+00	-5.0691E-01	2.6532E+00	1.7241E-01	2.0636E+00	2.8256E-01	1.4451E+00	3.0573E-01
3.0000E-01	2.6976E+00	-5.5334E-01	2.3153E+00	1.4178E-02	1.9063E+00	1.4883E-01	1.3994E+00	2.1789E-01
4.0000E-01	2.1537E+00	-5.7660E-01	2.0252E+00	-9.2036E-02	1.7513E+00	4.9340E-02	1.3497E+00	1.4835E-01
5.0000E-01	1.7981E+00	-5.9335E-01	1.7916E+00	-1.6080E-01	1.6119E+00	-2.2163E-02	1.3007E+00	9.4445E-02
6.0000E-01	1.5505E+00	-5.9769E-01	1.6066E+00	-2.0289E-01	1.4937E+00	-7.1728E-02	1.2547E+00	5.3520E-02
7.0000E-01	1.3709E+00	-5.1058E-01	1.4610E+00	-2.2581E-01	1.3908E+00	-1.0439E-01	1.2131E+00	2.3136E-02
8.0000E-01	1.2375E+00	-4.7439E-01	1.3456E+00	-2.3475E-01	1.3068E+00	-1.2412E-01	1.1763E+00	1.1891E-03
1.0000E+00	1.0616E+00	-3.8837E-01	1.1813E+00	-2.2474E-01	1.1806E+00	-1.3663E-01	1.1169E+00	-2.4200E-02
1.2000E+00	9.6373E-01	-2.9537E-01	1.0785E+00	-1.9341E-01	1.0967E+00	-1.2713E-01	1.0744E+00	-3.3460E-02
1.3000E+00	9.3445E-01	-2.4999E-01	1.0433E+00	-1.7392E-01	1.0666E+00	-1.1787E-01	1.0578E+00	-3.4393E-02
1.5000E+00	9.0304E-01	-1.6722E-01	9.9622E-01	-1.3304E-01	1.0242E+00	-9.5368E-02	1.0335E+00	-3.2053E-02
1.7000E+00	8.9650E-01	-9.9615E-02	9.7144E-01	-9.4609E-02	9.9925E-01	-7.1950E-02	1.0177E+00	-2.6890E-02
2.0000E+00	9.1205E-01	-2.9857E-02	9.5995E-01	-4.8442E-02	9.8284E-01	-4.1590E-02	1.0045E+00	-1.8154E-02
2.5000E+00	9.5692E-01	1.8313E-02	9.7087E-01	-5.8980E-03	9.8242E-01	-1.0538E-02	9.9767E-01	-7.2432E-03
3.0000E+00	9.8941E-01	2.0967E-02	9.8734E-01	6.5659E-03	9.9065E-01	9.9342E-04	9.9764E-01	-2.0014E-03
3.5000E+00	1.0027E+00	1.1269E-02	9.9721E-01	6.2177E-03	9.9682E-01	2.9323E-03	9.9875E-01	-1.8454E-04
4.0000E+00	1.0046E+00	3.3510E-03	1.0008E+00	3.1405E-03	9.9963E-01	1.9476E-03	9.9953E-01	2.0366E-04
4.5000E+00	1.0028E+00	-2.2743E-04	1.0012E+00	9.3018E-04	1.0004E+00	8.1361E-04	9.9988E-01	1.7129E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0007E+00	-1.8249E-05	1.0004E+00	1.9061E-04	1.0000E+00	8.4670E-05

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9264E+01	-7.3342E-03	3.1552E+01	-2.2288E-03	9.9962E+00	-3.8192E-04	3.1651E+00	9.0386E-04	1.0035E+00	3.5185E-03
2.0000E-04	9.8533E+01	-1.4561E-02	3.1482E+01	-4.4477E-03	9.9924E+00	-7.6399E-04	3.1680E+00	1.8042E-03	1.0071E+00	7.0103E-03
5.0000E-04	9.6376E+01	-3.5611E-02	3.1272E+01	-1.1045E-02	9.9809E+00	-1.9111E-03	3.1766E+00	4.4846E-03	1.0178E+00	1.7326E-02
1.0000E-03	9.2900E+01	-6.8691E-02	3.0924E+01	-2.1846E-02	9.9619E+00	-3.8261E-03	3.1910E+00	8.8827E-03	1.0359E+00	3.4001E-02
2.0000E-03	8.6412E+01	-1.2803E-01	3.0243E+01	-4.2736E-02	9.9239E+00	-7.6670E-03	3.2200E+00	1.7423E-02	1.0730E+00	6.5489E-02
5.0000E-03	7.0504E+01	-2.6344E-01	2.8303E+01	-1.0011E-01	9.8107E+00	-1.9272E-02	3.3083E+00	4.1054E-02	1.1896E+00	1.4665E-01
1.0000E-02	5.2932E+01	-4.0161E-01	2.5428E+01	-1.8052E-01	9.6242E+00	-3.8838E-02	3.4588E+00	7.4188E-02	1.3971E+00	2.4673E-01
1.5000E-02	4.1990E+01	-4.8365E-01	2.2974E+01	-2.4572E-01	9.4398E+00	-5.8605E-02	3.6116E+00	1.0017E-01	1.6148E+00	3.1540E-01
2.0000E-02	3.4670E+01	-5.3726E-01	2.0886E+01	-2.9921E-01	9.2571E+00	-7.8480E-02	3.7652E+00	1.1971E-01	1.8380E+00	3.6232E-01
2.5000E-02	2.9474E+01	-5.7481E-01	1.9103E+01	-3.4364E-01	9.0756E+00	-9.8375E-02	3.9180E+00	1.3346E-01	2.0638E+00	3.9359E-01
3.0000E-02	2.5609E+01	-6.0247E-01	1.7574E+01	-3.8098E-01	8.8954E+00	-1.1821E-01	4.0684E+00	1.4201E-01	2.2904E+00	4.1311E-01
3.5000E-02	2.2629E+01	-6.2363E-01	1.6254E+01	-4.1270E-01	8.7163E+00	-1.3791E-01	4.2151E+00	1.4587E-01	2.5161E+00	4.2347E-01
4.0000E-02	2.0264E+01	-6.4031E-01	1.5107E+01	-4.3991E-01	8.5385E+00	-1.5739E-01	4.3569E+00	1.4555E-01	2.7396E+00	4.2647E-01
5.0000E-02	1.6753E+01	-6.6481E-01	1.3216E+01	-4.8405E-01	8.1871E+00	-1.9551E-01	4.6205E+00	1.3406E-01	3.1751E+00	4.1514E-01
6.0000E-02	1.4275E+01	-6.8182E-01	1.1731E+01	-5.1814E-01	7.8428E+00	-2.3213E-01	4.8504E+00	1.1072E-01	3.5865E+00	3.8603E-01
8.0000E-02	1.1012E+01	-7.0351E-01	9.5581E+00	-5.6695E-01	7.1828E+00	-2.9984E-01	5.1827E+00	3.9410E-02	4.2943E+00	2.9139E-01
1.0000E-01	8.9618E+00	-7.1626E-01	8.0537E+00	-5.9979E-01	6.5714E+00	-3.5927E-01	5.3268E+00	-4.9410E-02	4.7862E+00	1.6884E-01
1.5000E-01	6.1169E+00	-7.3063E-01	5.7685E+00	-6.4665E-01	5.2913E+00	-4.7257E-01	5.0282E+00	-2.6698E-01	4.9934E+00	-1.4026E-01
2.0000E-01	4.6455E+00	-7.3341E-01	4.4901E+00	-6.6891E-01	4.3423E+00	-5.4552E-01	4.3504E+00	-4.2104E-01	4.4182E+00	-3.5468E-01
3.0000E-01	3.1426E+00	-7.2338E-01	3.1120E+00	-6.8190E-01	3.1235E+00	-6.1862E-01	3.1809E+00	-5.7144E-01	3.2227E+00	-5.5117E-01
4.0000E-01	2.3821E+00	-7.0126E-01	2.3849E+00	-6.7383E-01	2.4136E+00	-6.4043E-01	2.4489E+00	-6.2056E-01	2.4680E+00	-6.1303E-01
5.0000E-01	1.9264E+00	-6.7074E-01	1.9383E+00	-6.5322E-01	1.9627E+00	-6.3576E-01	1.9832E+00	-6.2701E-01	1.9927E+00	-6.2396E-01
6.0000E-01	1.6261E+00	-6.3360E-01	1.6389E+00	-6.2339E-01	1.6566E+00	-6.1490E-01	1.6687E+00	-6.1126E-01	1.6739E+00	-6.1010E-01
7.0000E-01	1.4162E+00	-5.9113E-01	1.4270E+00	-5.8616E-01	1.4390E+00	-5.8281E-01	1.4463E+00	-5.8170E-01	1.4493E+00	-5.8142E-01
8.0000E-01	1.2641E+00	-5.4442E-01	1.2719E+00	-5.4293E-01	1.2798E+00	-5.4247E-01	1.2841E+00	-5.4263E-01	1.2859E+00	-5.4277E-01
1.0000E+00	1.0671E+00	-4.4249E-01	1.0701E+00	-4.4395E-01	1.0728E+00	-4.4553E-01	1.0742E+00	-4.4647E-01	1.0747E+00	-4.4686E-01
1.2000E+00	9.5826E-01	-3.3668E-01	9.5878E-01	-3.3814E-01	9.5922E-01	-3.3952E-01	9.5945E-01	-3.4028E-01	9.5954E-01	-3.4059E-01
1.3000E+00	9.2552E-01	-2.8537E-01	9.2551E-01	-2.8645E-01	9.2548E-01	-2.8747E-01	9.2546E-01	-2.8804E-01	9.2545E-01	-2.8826E-01
1.5000E+00	8.9009E-01	-1.9149E-01	8.8978E-01	-1.9187E-01	8.8947E-01	-1.9224E-01	8.8930E-01	-1.9245E-01	8.8923E-01	-1.9253E-01
1.7000E+00	8.8246E-01	-1.1435E-01	8.8224E-01	-1.1437E-01	8.8202E-01	-1.1439E-01	8.8189E-01	-1.1440E-01	8.8185E-01	-1.1441E-01
2.0000E+00	8.9979E-01	-3.4348E-02	8.9975E-01	-3.4277E-02	8.9971E-01	-3.4206E-02	8.9969E-01	-3.4166E-02	8.9968E-01	-3.4150E-02
2.5000E+00	9.5072E-01	2.1009E-02	9.5073E-01	2.1013E-02	9.5074E-01	2.1017E-02	9.5075E-01	2.1019E-02	9.5075E-01	2.1020E-02
3.0000E+00	9.8786E-01	2.4057E-02	9.8786E-01	2.4055E-02	9.8786E-01	2.4053E-02	9.8786E-01	2.4051E-02	9.8786E-01	2.4051E-02
3.5000E+00	1.0031E+00	1.2928E-02	1.0031E+00	1.2929E-02	1.0031E+00	1.2929E-02	1.0031E+00	1.2929E-02	1.0031E+00	1.2929E-02
4.0000E+00	1.0053E+00	3.8445E-03	1.0053E+00	3.8445E-03	1.0053E+00	3.8446E-03	1.0053E+00	3.8446E-03	1.0053E+00	3.8446E-03
4.5000E+00	1.0032E+00	-2.6093E-04	1.0032E+00	-2.6093E-04	1.0032E+00	-2.6094E-04	1.0032E+00	-2.6094E-04	1.0032E+00	-2.6094E-04
5.0000E+00	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.1985E-01	1.1251E-02	1.0367E-01	3.4785E-02	3.5413E-02	1.0201E-01	1.4076E-02	2.5908E-01
2.0000E-04	3.2351E-01	2.2247E-02	1.0745E-01	6.7155E-02	3.9499E-02	1.8362E-01	1.8662E-02	3.9680E-01
5.0000E-04	3.3471E-01	5.3762E-02	1.1940E-01	1.5154E-01	5.2826E-02	3.4831E-01	3.3330E-02	5.7160E-01
1.0000E-03	3.5405E-01	1.0173E-01	1.4075E-01	2.5896E-01	7.6691E-02	4.8947E-01	5.8500E-02	6.6417E-01
2.0000E-03	3.9481E-01	1.8296E-01	1.8660E-01	3.9645E-01	1.2635E-01	6.0724E-01	1.0930E-01	7.2044E-01
5.0000E-03	5.2765E-01	3.4590E-01	3.3317E-01	5.6998E-01	2.7823E-01	7.0357E-01	2.6216E-01	7.5712E-01
1.0000E-02	7.6512E-01	4.8216E-01	5.8456E-01	6.5842E-01	5.3270E-01	7.3811E-01	5.1707E-01	7.6657E-01
1.5000E-02	1.0099E+00	5.4811E-01	8.3771E-01	6.8847E-01	7.8735E-01	7.4523E-01	7.7197E-01	7.6470E-01
2.0000E-02	1.2573E+00	5.8266E-01	1.0911E+00	6.9890E-01	1.0419E+00	7.4317E-01	1.0267E+00	7.5804E-01
2.5000E-02	1.5054E+00	5.9997E-01	1.3443E+00	6.9939E-01	1.2961E+00	7.3585E-01	1.2812E+00	7.4795E-01
3.0000E-02	1.7532E+00	6.0631E-01	1.5969E+00	6.9346E-01	1.5498E+00	7.2463E-01	1.5351E+00	7.3488E-01
3.5000E-02	1.9998E+00	6.0487E-01	1.8484E+00	6.8276E-01	1.8024E+00	7.1010E-01	1.7881E+00	7.1904E-01
4.0000E-02	2.2446E+00	5.9746E-01	2.0983E+00	6.6812E-01	2.0536E+00	6.9258E-01	2.0396E+00	7.0054E-01
5.0000E-02	2.7250E+00	5.6880E-01	2.5900E+00	6.2894E-01	2.5484E+00	6.4935E-01	2.5354E+00	6.5595E-01
6.0000E-02	3.1859E+00	5.2572E-01	3.0643E+00	5.7845E-01	3.0266E+00	5.9613E-01	3.0148E+00	6.0182E-01
8.0000E-02	4.0063E+00	4.0825E-01	3.9177E+00	4.5058E-01	3.8901E+00	4.6456E-01	3.8814E+00	4.6905E-01
1.0000E-01	4.6155E+00	2.6523E-01	4.5637E+00	2.9941E-01	4.5476E+00	3.1063E-01	4.5426E+00	3.1422E-01
1.5000E-01	5.0052E+00	-8.8678E-02	5.0128E+00	-7.0947E-02	5.0156E+00	-6.5189E-02	5.0166E+00	-6.3353E-02
2.0000E-01	4.4567E+00	-3.2960E-01	4.4714E+00	-3.2122E-01	4.4762E+00	-3.1852E-01	4.4778E+00	-3.1766E-01
3.0000E-01	3.2402E+00	-5.4420E-01	3.2462E+00	-5.4195E-01	3.2482E+00	-5.4123E-01	3.2488E+00	-5.4100E-01
4.0000E-01	2.4752E+00	-6.1056E-01	2.4777E+00	-6.0977E-01	2.4785E+00	-6.0953E-01	2.4787E+00	-6.0945E-01
5.0000E-01	1.9961E+00	-6.2299E-01	1.9972E+00	-6.2269E-01	1.9976E+00	-6.2259E-01	1.9977E+00	-6.2256E-01
6.0000E-01	1.6757E+00	-6.0974E-01	1.6763E+00	-6.0963E-01	1.6765E+00	-6.0960E-01	1.6765E+00	-6.0959E-01
7.0000E-01	1.4503E+00	-5.8135E-01	1.4506E+00	-5.8133E-01	1.4507E+00	-5.8132E-01	1.4508E+00	-5.8132E-01
8.0000E-01	1.2865E+00	-5.4283E-01	1.2866E+00	-5.4285E-01	1.2867E+00	-5.4286E-01	1.2867E+00	-5.4286E-01
1.0000E+00	1.0749E+00	-4.4700E-01	1.0750E+00	-4.4704E-01	1.0750E+00	-4.4705E-01	1.0750E+00	-4.4706E-01
1.2000E+00	9.5957E-01	-3.4069E-01	9.5958E-01	-3.4072E-01	9.5958E-01	-3.4073E-01	9.5958E-01	-3.4074E-01
1.3000E+00	9.2545E-01	-2.8834E-01	9.2545E-01	-2.8836E-01	9.2545E-01	-2.8837E-01	9.2545E-01	-2.8838E-01
1.5000E+00	8.8921E-01	-1.9256E-01	8.8920E-01	-1.9257E-01	8.8920E-01	-1.9257E-01	8.8920E-01	-1.9257E-01
1.7000E+00	8.8183E-01	-1.1441E-01	8.8182E-01	-1.1441E-01	8.8182E-01	-1.1441E-01	8.8182E-01	-1.1441E-01
2.0000E+00	8.9968E-01	-3.4144E-02	8.9968E-01	-3.4142E-02	8.9968E-01	-3.4142E-02	8.9968E-01	-3.4142E-02
2.5000E+00	9.5075E-01	2.1021E-02	9.5075E-01	2.1021E-02	9.5075E-01	2.1021E-02	9.5075E-01	2.1021E-02
3.0000E+00	9.8786E-01	2.4051E-02	9.8786E-01	2.4051E-02	9.8786E-01	2.4051E-02	9.8786E-01	2.4051E-02
3.5000E+00	1.0031E+00	1.2929E-02	1.0031E+00	1.2929E-02	1.0031E+00	1.2929E-02	1.0031E+00	1.2929E-02
4.0000E+00	1.0053E+00	3.8446E-03	1.0053E+00	3.8446E-03	1.0053E+00	3.8446E-03	1.0053E+00	3.8446E-03
4.5000E+00	1.0032E+00	-2.6094E-04	1.0032E+00	-2.6094E-04	1.0032E+00	-2.6094E-04	1.0032E+00	-2.6094E-04
5.0000E+00	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1303E-03

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E-04	
	Q(AMP)	Q(PHASE)
1.0000E-04	9.9283E+01	-7.1461E-03
2.0000E-04	9.8571E+01	-1.4190E-02
5.0000E-04	9.6468E+01	-3.4724E-02
1.0000E-03	9.3076E+01	-6.7042E-02
2.0000E-03	8.6732E+01	-1.2518E-01
5.0000E-03	7.1039E+01	-2.5868E-01
1.0000E-02	5.3640E+01	-3.9629E-01
1.5000E-02	4.2679E+01	-4.7868E-01
2.0000E-02	3.5306E+01	-5.3283E-01
2.5000E-02	3.0053E+01	-5.7090E-01
3.0000E-02	2.6136E+01	-5.9903E-01
3.5000E-02	2.3110E+01	-6.2061E-01
4.0000E-02	2.0705E+01	-6.3766E-01
5.0000E-02	1.7129E+01	-6.6279E-01
6.0000E-02	1.4601E+01	-6.8033E-01
8.0000E-02	1.1269E+01	-7.0288E-01
1.0000E-01	9.1726E+00	-7.1635E-01
1.5000E-01	6.2600E+00	-7.3228E-01
2.0000E-01	4.7516E+00	-7.3655E-01
3.0000E-01	3.2090E+00	-7.2950E-01
4.0000E-01	2.4265E+00	-7.1031E-01
5.0000E-01	1.9558E+00	-6.8232E-01
6.0000E-01	1.6445E+00	-6.4694E-01
7.0000E-01	1.4262E+00	-6.0516E-01
8.0000E-01	1.2678E+00	-5.5798E-01
1.0000E+00	1.0638E+00	-4.5235E-01
1.2000E+00	9.5303E-01	-3.4153E-01
1.3000E+00	9.2051E-01	-2.8802E-01
1.5000E+00	8.8654E-01	-1.9117E-01
1.7000E+00	8.8057E-01	-1.1287E-01
2.0000E+00	8.9956E-01	-3.3056E-02
2.5000E+00	9.5105E-01	2.1222E-02
3.0000E+00	9.8796E-01	2.3982E-02
3.5000E+00	1.0031E+00	1.2890E-02
4.0000E+00	1.0053E+00	3.8423E-03
4.5000E+00	1.0032E+00	-2.5778E-04
5.0000E+00	1.0011E+00	-1.1273E-03

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.1552E+01	-2.2288E-03	9.9943E+00	-5.7246E-04	3.1630E+00	2.4113E-04	1.0014E+00	1.4104E-03	3.1771E-01	4.6508E-03
2.0000E-04	3.1482E+01	-4.4477E-03	9.9886E+00	-1.1443E-03	3.1638E+00	4.8152E-04	1.0028E+00	2.8160E-03	3.1920E-01	9.2574E-03
5.0000E-04	3.1272E+01	-1.1045E-02	9.9714E+00	-2.8563E-03	3.1661E+00	1.1983E-03	1.0071E+00	7.0043E-03	3.2370E-01	2.2817E-02
1.0000E-03	3.0924E+01	-2.1846E-02	9.9429E+00	-5.6978E-03	3.1699E+00	2.3782E-03	1.0142E+00	1.3890E-02	3.3133E-01	4.4573E-02
2.0000E-03	3.0243E+01	-4.2736E-02	9.8861E+00	-1.1337E-02	3.1776E+00	4.6834E-03	1.0286E+00	2.7314E-02	3.4704E-01	8.5106E-02
5.0000E-03	2.8303E+01	-1.0011E-01	9.7178E+00	-2.7905E-02	3.2007E+00	1.1167E-02	1.0729E+00	6.4914E-02	3.9702E-01	1.8626E-01
1.0000E-02	2.5428E+01	-1.8052E-01	9.4442E+00	-5.4393E-02	3.2392E+00	2.0573E-02	1.1497E+00	1.1943E-01	4.8675E-01	3.0500E-01
1.5000E-02	2.2974E+01	-2.4572E-01	9.1795E+00	-7.9541E-02	3.2778E+00	2.8297E-02	1.2294E+00	1.6503E-01	5.8118E-01	3.8399E-01
2.0000E-02	2.0886E+01	-2.9921E-01	8.9239E+00	-1.0342E-01	3.3162E+00	3.4418E-02	1.3113E+00	2.0299E-01	6.7820E-01	4.3848E-01
2.5000E-02	1.9103E+01	-3.4364E-01	8.6772E+00	-1.2610E-01	3.3540E+00	3.9014E-02	1.3948E+00	2.3439E-01	7.7674E-01	4.7699E-01
3.0000E-02	1.7574E+01	-3.8098E-01	8.4396E+00	-1.4765E-01	3.3912E+00	4.2162E-02	1.4794E+00	2.6014E-01	8.7616E-01	5.0445E-01
3.5000E-02	1.6254E+01	-4.1270E-01	8.2108E+00	-1.6814E-01	3.4276E+00	4.3937E-02	1.5648E+00	2.8099E-01	9.7606E-01	5.2390E-01
4.0000E-02	1.5107E+01	-4.3991E-01	7.9907E+00	-1.8762E-01	3.4629E+00	4.4414E-02	1.6505E+00	2.9755E-01	1.0762E+00	5.3729E-01
5.0000E-02	1.3216E+01	-4.8405E-01	7.5754E+00	-2.2380E-01	3.5296E+00	4.1767E-02	1.8219E+00	3.1980E-01	1.2761E+00	5.5070E-01
6.0000E-02	1.1731E+01	-5.1814E-01	7.1918E+00	-2.5661E-01	3.5899E+00	3.4795E-02	1.9914E+00	3.3008E-01	1.4748E+00	5.5109E-01
8.0000E-02	9.5581E+00	-5.6695E-01	6.5101E+00	-3.1359E-01	3.6874E+00	1.0071E-02	2.3178E+00	3.2326E-01	1.8627E+00	5.2514E-01
1.0000E-01	8.0537E+00	-5.9979E-01	5.9274E+00	-3.6101E-01	3.7486E+00	-2.5577E-02	2.6153E+00	2.8959E-01	2.2282E+00	4.7399E-01
1.5000E-01	5.7685E+00	-6.4665E-01	4.8009E+00	-4.4906E-01	3.7331E+00	-1.3888E-01	3.1504E+00	1.3765E-01	2.9501E+00	2.8045E-01
2.0000E-01	4.4901E+00	-6.6891E-01	4.0030E+00	-5.0742E-01	3.5261E+00	-2.5425E-01	3.3184E+00	-4.4029E-02	3.2666E+00	5.7176E-02
3.0000E-01	3.1120E+00	-6.8190E-01	2.9711E+00	-5.7238E-01	2.9136E+00	-4.2384E-01	2.9502E+00	-3.2310E-01	2.9850E+00	-2.8068E-01
4.0000E-01	2.3849E+00	-6.7383E-01	2.3468E+00	-5.9748E-01	2.3706E+00	-5.1203E-01	2.4175E+00	-4.6429E-01	2.4434E+00	-4.4624E-01
5.0000E-01	1.9383E+00	-6.5322E-01	1.9357E+00	-5.9903E-01	1.9686E+00	-5.4860E-01	2.0006E+00	-5.2447E-01	2.0154E+00	-5.1599E-01
6.0000E-01	1.6389E+00	-6.2339E-01	1.6409E+00	-5.8469E-01	1.6771E+00	-5.5430E-01	1.6976E+00	-5.4144E-01	1.7063E+00	-5.3717E-01
7.0000E-01	1.4270E+00	-5.8616E-01	1.4459E+00	-5.5873E-01	1.4628E+00	-5.4032E-01	1.4762E+00	-5.3334E-01	1.4815E+00	-5.3113E-01
8.0000E-01	1.2719E+00	-5.4293E-01	1.2862E+00	-5.2391E-01	1.3028E+00	-5.1297E-01	1.3117E+00	-5.0926E-01	1.3151E+00	-5.0815E-01
1.0000E+00	1.0701E+00	-4.4395E-01	1.0815E+00	-4.3607E-01	1.0907E+00	-4.3304E-01	1.0949E+00	-4.3237E-01	1.0964E+00	-4.3223E-01
1.2000E+00	9.5878E-01	-3.3814E-01	9.6636E-01	-3.3638E-01	9.7132E-01	-3.3658E-01	9.7338E-01	-3.3697E-01	9.7409E-01	-3.3714E-01
1.3000E+00	9.2551E-01	-2.8645E-01	9.3139E-01	-2.8643E-01	9.3495E-01	-2.8734E-01	9.3636E-01	-2.8792E-01	9.3684E-01	-2.8815E-01
1.5000E+00	8.8978E-01	-1.9187E-01	8.9295E-01	-1.9353E-01	8.9461E-01	-1.9492E-01	8.9523E-01	-1.9555E-01	8.9543E-01	-1.9578E-01
1.7000E+00	8.8224E-01	-1.1437E-01	8.8360E-01	-1.1625E-01	8.8422E-01	-1.1746E-01	8.8442E-01	-1.1796E-01	8.8449E-01	-1.1814E-01
2.0000E+00	8.9975E-01	-3.4277E-02	8.9977E-01	-3.5475E-02	8.9971E-01	-3.6137E-02	8.9967E-01	-3.6397E-02	8.9966E-01	-3.6485E-02
2.5000E+00	9.5073E-01	2.1013E-02	9.5041E-01	2.0844E-02	9.5024E-01	2.0763E-02	9.5016E-01	2.0733E-02	9.5014E-01	2.0723E-02
3.0000E+00	9.8786E-01	2.4055E-02	9.8777E-01	2.4127E-02	9.8772E-01	2.4167E-02	9.8770E-01	2.4184E-02	9.8770E-01	2.4189E-02
3.5000E+00	1.0031E+00	1.2929E-02	1.0031E+00	1.2965E-02	1.0031E+00	1.2985E-02	1.0031E+00	1.2993E-02	1.0031E+00	1.2996E-02
4.0000E+00	1.0053E+00	3.8445E-03	1.0053E+00	3.8469E-03	1.0053E+00	3.8482E-03	1.0053E+00	3.8488E-03	1.0053E+00	3.8490E-03
4.5000E+00	1.0032E+00	-2.6093E-04	1.0032E+00	-2.6402E-04	1.0032E+00	-2.6577E-04	1.0032E+00	-2.6647E-04	1.0032E+00	-2.6671E-04
5.0000E+00	1.0011E+00	-1.1303E-03	1.0011E+00	-1.1313E-03	1.0011E+00	-1.1319E-03	1.0011E+00	-1.1321E-03	1.0011E+00	-1.1322E-03

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0150E-01	1.4624E-02	3.3141E-02	4.4819E-02	1.1581E-02	1.2858E-01
2.0000E-04	1.0301E-01	2.8819E-02	3.4720E-02	8.5637E-02	1.3306E-02	2.2510E-01
5.0000E-04	1.0768E-01	6.8964E-02	3.9747E-02	1.8788E-01	1.8940E-02	4.0279E-01
1.0000E-03	1.1580E-01	1.2849E-01	4.8786E-02	3.0923E-01	2.8948E-02	5.3861E-01
2.0000E-03	1.3304E-01	2.2488E-01	6.8131E-02	4.5089E-01	4.9577E-02	6.4219E-01
5.0000E-03	1.8934E-01	4.0194E-01	1.2929E-01	6.1098E-01	1.1229E-01	7.2185E-01
1.0000E-02	2.8927E-01	5.3590E-01	2.3338E-01	6.8722E-01	2.1717E-01	7.5075E-01
1.5000E-02	3.9171E-01	5.9849E-01	3.3798E-01	7.1434E-01	3.2211E-01	7.5881E-01
2.0000E-02	4.9505E-01	6.3281E-01	4.4271E-01	7.2639E-01	4.2705E-01	7.6064E-01
2.5000E-02	5.9876E-01	6.5290E-01	5.4746E-01	7.3142E-01	5.3198E-01	7.5934E-01
3.0000E-02	7.0261E-01	6.6460E-01	6.5218E-01	7.3234E-01	6.3686E-01	7.5596E-01
3.5000E-02	8.0648E-01	6.7076E-01	7.5684E-01	7.3044E-01	7.4168E-01	7.5096E-01
4.0000E-02	9.1027E-01	6.7294E-01	8.6138E-01	7.2638E-01	8.4640E-01	7.4456E-01
5.0000E-02	1.1173E+00	6.6870E-01	1.0699E+00	7.1317E-01	1.0553E+00	7.2806E-01
6.0000E-02	1.3229E+00	6.5599E-01	1.2772E+00	6.9433E-01	1.2631E+00	7.0704E-01
8.0000E-02	1.7263E+00	6.1200E-01	1.6847E+00	6.4255E-01	1.6717E+00	6.5255E-01
1.0000E-01	2.1103E+00	5.4878E-01	2.0740E+00	5.7450E-01	2.0626E+00	5.8286E-01
1.5000E-01	2.8888E+00	3.3447E-01	2.8700E+00	3.5258E-01	2.8641E+00	3.5841E-01
2.0000E-01	3.2547E+00	9.4242E-02	3.2516E+00	1.0653E-01	3.2507E+00	1.1048E-01
3.0000E-01	3.0000E+00	-2.6598E-01	3.0052E+00	-2.6120E-01	3.0069E+00	-2.5967E-01
4.0000E-01	2.4532E+00	-4.4024E-01	2.4565E+00	-4.3832E-01	2.4575E+00	-4.3771E-01
5.0000E-01	2.0208E+00	-5.1325E-01	2.0225E+00	-5.1238E-01	2.0231E+00	-5.1210E-01
6.0000E-01	1.7093E+00	-5.3581E-01	1.7103E+00	-5.3538E-01	1.7106E+00	-5.3525E-01
7.0000E-01	1.4833E+00	-5.3044E-01	1.4839E+00	-5.3022E-01	1.4841E+00	-5.3015E-01
8.0000E-01	1.3163E+00	-5.0781E-01	1.3166E+00	-5.0770E-01	1.3167E+00	-5.0767E-01
1.0000E+00	1.0969E+00	-4.3220E-01	1.0971E+00	-4.3219E-01	1.0972E+00	-4.3219E-01
1.2000E+00	9.7432E-01	-3.3721E-01	9.7439E-01	-3.3723E-01	9.7442E-01	-3.3723E-01
1.3000E+00	9.3700E-01	-2.8823E-01	9.3705E-01	-2.8825E-01	9.3706E-01	-2.8826E-01
1.5000E+00	8.9550E-01	-1.9586E-01	8.9552E-01	-1.9588E-01	8.9553E-01	-1.9589E-01
1.7000E+00	8.8451E-01	-1.1820E-01	8.8452E-01	-1.1822E-01	8.8452E-01	-1.1822E-01
2.0000E+00	8.9965E-01	-3.6513E-02	8.9965E-01	-3.6522E-02	8.9965E-01	-3.6525E-02
2.5000E+00	9.5013E-01	2.0720E-02	9.5013E-01	2.0719E-02	9.5013E-01	2.0719E-02
3.0000E+00	9.8769E-01	2.4191E-02	9.8769E-01	2.4192E-02	9.8769E-01	2.4192E-02
3.5000E+00	1.0031E+00	1.2997E-02	1.0031E+00	1.2997E-02	1.0031E+00	1.2997E-02
4.0000E+00	1.0054E+00	3.8490E-03	1.0054E+00	3.8491E-03	1.0054E+00	3.8491E-03
4.5000E+00	1.0032E+00	-2.6679E-04	1.0032E+00	-2.6681E-04	1.0032E+00	-2.6682E-04
5.0000E+00	1.0011E+00	-1.1323E-03	1.0011E+00	-1.1323E-03	1.0011E+00	-1.1323E-03

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9289E+01	-7.0833E-03	3.1552E+01	-2.2288E-03
2.0000E-04	9.8584E+01	-1.4066E-02	3.1482E+01	-4.4477E-03
5.0000E-04	9.6499E+01	-3.4428E-02	3.1272E+01	-1.1045E-02
1.0000E-03	9.3135E+01	-6.6490E-02	3.0924E+01	-2.1846E-02
2.0000E-03	8.6839E+01	-1.2422E-01	3.0243E+01	-4.2736E-02
5.0000E-03	7.1286E+01	-2.5708E-01	2.8303E+01	-1.0011E-01
1.0000E-02	5.3881E+01	-3.9446E-01	2.5428E+01	-1.8052E-01
1.5000E-02	4.2914E+01	-4.7696E-01	2.2974E+01	-2.4572E-01
2.0000E-02	3.5524E+01	-5.3127E-01	2.0886E+01	-2.9921E-01
2.5000E-02	3.0252E+01	-5.6950E-01	1.9103E+01	-3.4364E-01
3.0000E-02	2.6317E+01	-5.9778E-01	1.7574E+01	-3.8098E-01
3.5000E-02	2.3276E+01	-6.1949E-01	1.6254E+01	-4.1270E-01
4.0000E-02	2.0858E+01	-6.3665E-01	1.5107E+01	-4.3991E-01
5.0000E-02	1.7260E+01	-6.6196E-01	1.3216E+01	-4.8405E-01
6.0000E-02	1.4715E+01	-6.7965E-01	1.1731E+01	-5.1814E-01
8.0000E-02	1.1359E+01	-7.0242E-01	9.5581E+00	-5.6695E-01
1.0000E-01	9.2472E+00	-7.1607E-01	8.0537E+00	-5.9979E-01
1.5000E-01	6.3116E+00	-7.3235E-01	5.7685E+00	-6.4665E-01
2.0000E-01	4.7909E+00	-7.3692E-01	4.4901E+00	-6.6891E-01
3.0000E-01	3.2350E+00	-7.3050E-01	3.1120E+00	-6.8190E-01
4.0000E-01	2.4454E+00	-7.1198E-01	2.3849E+00	-6.7383E-01
5.0000E-01	1.9703E+00	-6.8474E-01	1.9383E+00	-6.5322E-01
6.0000E-01	1.6558E+00	-6.5013E-01	1.6389E+00	-6.2339E-01
7.0000E-01	1.4350E+00	-6.0910E-01	1.4270E+00	-5.8616E-01
8.0000E-01	1.2745E+00	-5.6259E-01	1.2719E+00	-5.4293E-01
1.0000E+00	1.0671E+00	-4.5783E-01	1.0701E+00	-4.4395E-01
1.2000E+00	9.5375E-01	-3.4694E-01	9.5878E-01	-3.3814E-01
1.3000E+00	9.2023E-01	-2.9302E-01	9.2551E-01	-2.8645E-01
1.5000E+00	8.8489E-01	-1.9481E-01	8.8978E-01	-1.9187E-01
1.7000E+00	8.7835E-01	-1.1489E-01	8.8224E-01	-1.1437E-01
2.0000E+00	8.9761E-01	-3.3150E-02	8.9975E-01	-3.4277E-02
2.5000E+00	9.5053E-01	2.2084E-02	9.5073E-01	2.1013E-02
3.0000E+00	9.8817E-01	2.4382E-02	9.8786E-01	2.4055E-02
3.5000E+00	1.0033E+00	1.2905E-02	1.0031E+00	1.2929E-02
4.0000E+00	1.0054E+00	3.7799E-03	1.0053E+00	3.8445E-03
4.5000E+00	1.0032E+00	-2.8707E-04	1.0032E+00	-2.6093E-04
5.0000E+00	1.0011E+00	-1.1321E-03	1.0011E+00	-1.1303E-03

H(1)/H(2)= 1.0000E-01 SIGMA(2)/SIGMA(1)= 1.0000E-03

V	SIGMA(3)/SIGMA(1)=1.0000E-02 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 O(AMP)	O(PHASE)
1.0000E-04	9.9936E+00	-6.3599E-04	3.1623E+00	2.0015E-05	1.0007E+00	7.0570E-04	3.1700E-01	2.4310E-03	1.0078E-01	7.7107E-03
2.0000E-04	9.9873E+00	-1.2712E-03	3.1624E+00	3.9812E-05	1.0014E+00	1.4100E-03	3.1777E-01	4.8497E-03	1.0157E-01	1.5302E-02
5.0000E-04	9.9682E+00	-3.1719E-03	3.1626E+00	9.7891E-05	1.0035E+00	3.5145E-03	3.2010E-01	1.2033E-02	1.0396E-01	3.7379E-02
1.0000E-03	9.9366E+00	-6.3237E-03	3.1629E+00	1.9033E-04	1.0071E+00	6.9943E-03	3.2403E-01	2.3766E-02	1.0805E-01	7.1962E-02
2.0000E-03	9.8735E+00	-1.2568E-02	3.1636E+00	3.5894E-04	1.0142E+00	1.3851E-02	3.3200E-01	4.6361E-02	1.1658E-01	1.3363E-01
5.0000E-03	9.6870E+00	-3.0831E-02	3.1655E+00	7.3592E-04	1.0359E+00	3.3610E-02	3.5684E-01	1.0770E-01	1.4418E-01	2.7241E-01
1.0000E-02	9.3849E+00	-5.9767E-02	3.1686E+00	9.4391E-04	1.0729E+00	6.3960E-02	4.0071E-01	1.9165E-01	1.9391E-01	4.1071E-01
1.5000E-02	9.0941E+00	-8.6932E-02	3.1716E+00	6.4301E-04	1.1108E+00	9.1281E-02	4.4683E-01	2.5764E-01	2.4582E-01	4.9063E-01
2.0000E-02	8.8147E+00	-1.1244E-01	3.1744E+00	-1.4776E-04	1.1494E+00	1.1579E-01	4.9453E-01	3.1002E-01	2.9876E-01	5.4136E-01
2.5000E-02	8.5470E+00	-1.3642E-01	3.1770E+00	-1.4094E-03	1.1886E+00	1.3771E-01	5.4335E-01	3.5198E-01	3.5223E-01	5.7560E-01
3.0000E-02	8.2906E+00	-1.5896E-01	3.1794E+00	-3.1229E-03	1.2284E+00	1.5721E-01	5.9297E-01	3.8584E-01	4.0601E-01	5.9957E-01
3.5000E-02	8.0453E+00	-1.8018E-01	3.1815E+00	-5.2695E-03	1.2685E+00	1.7448E-01	6.4318E-01	4.1327E-01	4.5997E-01	6.1669E-01
4.0000E-02	7.8108E+00	-2.0016E-01	3.1832E+00	-7.8302E-03	1.3089E+00	1.8969E-01	6.9379E-01	4.3554E-01	5.1402E-01	6.2894E-01
5.0000E-02	7.3728E+00	-2.3675E-01	3.1853E+00	-1.4119E-02	1.3902E+00	2.1447E-01	7.9577E-01	4.6807E-01	6.2225E-01	6.4338E-01
6.0000E-02	6.9732E+00	-2.6936E-01	3.1857E+00	-2.1841E-02	1.4716E+00	2.3259E-01	8.9819E-01	4.8857E-01	7.3038E-01	6.4865E-01
8.0000E-02	6.2750E+00	-3.2472E-01	3.1799E+00	-4.0998E-02	1.6327E+00	2.5217E-01	1.1024E+00	5.0482E-01	9.4553E-01	6.4162E-01
1.0000E-01	5.6901E+00	-3.6959E-01	3.1644E+00	-6.4164E-02	1.7878E+00	2.5381E-01	1.3030E+00	4.9839E-01	1.1576E+00	6.1859E-01
1.5000E-01	4.5881E+00	-4.5015E-01	3.0809E+00	-1.3281E-01	2.1254E+00	2.0304E-01	1.7674E+00	4.2083E-01	1.6565E+00	5.1443E-01
2.0000E-01	3.8269E+00	-5.0170E-01	2.9409E+00	-2.0614E-01	2.3545E+00	1.0577E-01	2.1323E+00	2.9137E-01	2.0633E+00	3.6648E-01
3.0000E-01	2.8592E+00	-5.5739E-01	2.5724E+00	-3.3421E-01	2.4393E+00	-1.1806E-01	2.4148E+00	-3.2126E-03	2.4132E+00	4.0563E-02
4.0000E-01	2.2773E+00	-5.7786E-01	2.2022E+00	-4.2030E-01	2.2181E+00	-2.8902E-01	2.2507E+00	-2.2705E-01	2.2668E+00	-2.0467E-01
5.0000E-01	1.8932E+00	-5.7764E-01	1.8912E+00	-4.6802E-01	1.9351E+00	-3.9027E-01	1.9675E+00	-3.5738E-01	1.9811E+00	-3.4605E-01
6.0000E-01	1.6236E+00	-5.6327E-01	1.6454E+00	-4.8707E-01	1.6858E+00	-4.4055E-01	1.7092E+00	-4.2260E-01	1.7183E+00	-4.1665E-01
7.0000E-01	1.4269E+00	-5.3832E-01	1.4544E+00	-4.8546E-01	1.4860E+00	-4.5733E-01	1.5021E+00	-4.4729E-01	1.5080E+00	-4.4406E-01
8.0000E-01	1.2796E+00	-5.0520E-01	1.3063E+00	-4.6886E-01	1.3301E+00	-4.5189E-01	1.3411E+00	-4.4627E-01	1.3450E+00	-4.4451E-01
1.0000E+00	1.0829E+00	-4.2185E-01	1.1030E+00	-4.0598E-01	1.1161E+00	-4.0047E-01	1.1215E+00	-3.9897E-01	1.1234E+00	-3.9855E-01
1.2000E+00	9.7089E-01	-3.2706E-01	9.8432E-01	-3.2184E-01	9.9159E-01	-3.2102E-01	9.9433E-01	-3.2104E-01	9.9525E-01	-3.2108E-01
1.3000E+00	9.3645E-01	-2.7940E-01	9.4712E-01	-2.7726E-01	9.5248E-01	-2.7757E-01	9.5445E-01	-2.7791E-01	9.5510E-01	-2.7805E-01
1.5000E+00	8.9786E-01	-1.9032E-01	9.0425E-01	-1.9153E-01	9.0707E-01	-1.9281E-01	9.0805E-01	-1.9337E-01	9.0837E-01	-1.9357E-01
1.7000E+00	8.8756E-01	-1.1560E-01	8.9104E-01	-1.1786E-01	8.9241E-01	-1.1922E-01	8.9287E-01	-1.1975E-01	8.9301E-01	-1.1993E-01
2.0000E+00	9.0196E-01	-3.6584E-02	9.0299E-01	-3.8583E-02	9.0330E-01	-3.9525E-02	9.0339E-01	-3.9866E-02	9.0342E-01	-3.9978E-02
2.5000E+00	9.5062E-01	1.9768E-02	9.5037E-01	1.9031E-02	9.5022E-01	1.8741E-02	9.5017E-01	1.8643E-02	9.5015E-01	1.8612E-02
3.0000E+00	9.8747E-01	2.3799E-02	9.8721E-01	2.3698E-02	9.8711E-01	2.3668E-02	9.8707E-01	2.3659E-02	9.8706E-01	2.3657E-02
3.5000E+00	1.0030E+00	1.2988E-02	1.0029E+00	1.3037E-02	1.0028E+00	1.3059E-02	1.0028E+00	1.3068E-02	1.0028E+00	1.3070E-02
4.0000E+00	1.0053E+00	3.9114E-03	1.0053E+00	3.9497E-03	1.0053E+00	3.9651E-03	1.0053E+00	3.9703E-03	1.0053E+00	3.9720E-03
4.5000E+00	1.0032E+00	-2.3783E-04	1.0033E+00	-2.2594E-04	1.0033E+00	-2.2143E-04	1.0033E+00	-2.1991E-04	1.0033E+00	-2.1942E-04
5.0000E+00	1.0011E+00	-1.1294E-03	1.0011E+00	-1.1293E-03	1.0011E+00	-1.1294E-03	1.0011E+00	-1.1294E-03	1.0011E+00	-1.1294E-03

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 1.0000E-01 (first two column groups); H(1)/H(2)= 2.0000E-01 (last three column groups)

V	SIGMA(3)/SIGMA(1)=1.0000E+03 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 O(AMP)	O(PHASE)
1.0000E-04	3.2410E-02	2.3999E-02	1.0806E-02	7.2043E-02	9.9292E+01	-7.0520E-03	3.1552E+01	-2.2288E-03	9.9933E+00	-6.6776E-04
2.0000E-04	3.3215E-02	4.6848E-02	1.1660E-02	1.3381E-01	9.8590E+01	-1.4004E-02	3.1482E+01	-4.4477E-03	9.9866E+00	-1.3346E-03
5.0000E-04	3.5724E-02	1.0907E-01	1.4423E-02	2.7301E-01	9.6514E+01	-3.4279E-02	3.1272E+01	-1.1045E-02	9.9666E+00	-3.3298E-03
1.0000E-03	4.0160E-02	1.9487E-01	1.9405E-02	4.1240E-01	9.3164E+01	-6.6214E-02	3.0924E+01	-2.1846E-02	9.9334E+00	-6.6370E-03
2.0000E-03	4.9675E-02	3.1842E-01	2.9918E-02	5.4674E-01	8.6893E+01	-1.2374E-01	3.0243E+01	-4.2736E-02	9.8673E+00	-1.3185E-02
5.0000E-03	8.0518E-02	5.0366E-01	6.2470E-02	6.7168E-01	7.1385E+01	-2.5627E-01	2.8303E+01	-1.0011E-01	9.6716E+00	-3.2303E-02
1.0000E-02	1.3421E-01	6.1681E-01	1.1728E-01	7.2399E-01	5.4002E+01	-3.9354E-01	2.5428E+01	-1.8052E-01	9.3553E+00	-6.2489E-02
1.5000E-02	1.8863E-01	6.6401E-01	1.7220E-01	7.4196E-01	4.3032E+01	-4.7608E-01	2.2974E+01	-2.4572E-01	9.0516E+00	-9.0707E-02
2.0000E-02	2.4328E-01	6.8893E-01	2.2715E-01	7.5010E-01	3.5634E+01	-5.3048E-01	2.0886E+01	-2.9921E-01	8.7606E+00	-1.1710E-01
2.5000E-02	2.9803E-01	7.0350E-01	2.8210E-01	7.5387E-01	3.0352E+01	-5.6879E-01	1.9103E+01	-3.4364E-01	8.4824E+00	-1.4179E-01
3.0000E-02	3.5281E-01	7.1230E-01	3.3706E-01	7.5516E-01	2.6409E+01	-5.9713E-01	1.7574E+01	-3.8098E-01	8.2167E+00	-1.6492E-01
3.5000E-02	4.0762E-01	7.1746E-01	3.9200E-01	7.5480E-01	2.3360E+01	-6.1890E-01	1.6254E+01	-4.1270E-01	7.9633E+00	-1.8659E-01
4.0000E-02	4.6242E-01	7.2010E-01	4.4694E-01	7.5321E-01	2.0935E+01	-6.3611E-01	1.5107E+01	-4.3991E-01	7.7217E+00	-2.0693E-01
5.0000E-02	5.7195E-01	7.2011E-01	5.5673E-01	7.4721E-01	1.7327E+01	-6.6152E-01	1.3216E+01	-4.8405E-01	7.2723E+00	-2.4397E-01
6.0000E-02	6.8130E-01	7.1515E-01	6.6635E-01	7.3819E-01	1.4773E+01	-6.7927E-01	1.1731E+01	-5.1814E-01	6.8643E+00	-2.7675E-01
8.0000E-02	8.9894E-01	6.9467E-01	8.8462E-01	7.1261E-01	1.1405E+01	-7.0215E-01	9.5581E+00	-5.6695E-01	6.1567E+00	-3.3186E-01
1.0000E-01	1.1139E+00	6.6326E-01	1.1003E+00	6.7815E-01	9.2854E+00	-7.1588E-01	8.0537E+00	-5.9979E-01	5.5689E+00	-3.7600E-01
1.5000E-01	1.6224E+00	5.4733E-01	1.6118E+00	5.5809E-01	6.3381E+00	-7.3231E-01	5.7685E+00	-6.4665E-01	4.4735E+00	-4.5386E-01
2.0000E-01	2.0421E+00	3.9228E-01	2.0354E+00	4.0065E-01	4.8111E+00	-7.3700E-01	4.4901E+00	-6.6891E-01	3.7259E+00	-5.0248E-01
3.0000E-01	2.4137E+00	5.5274E-02	2.4139E+00	6.0018E-02	3.2486E+00	-7.3082E-01	3.1120E+00	-6.8190E-01	2.7849E+00	-5.5304E-01
4.0000E-01	2.2727E+00	-1.9729E-01	2.2746E+00	-1.9492E-01	2.4556E+00	-7.1259E-01	2.3849E+00	-6.7383E-01	2.2236E+00	-5.6962E-01
5.0000E-01	1.9858E+00	-3.4238E-01	1.9873E+00	-3.4121E-01	1.9783E+00	-6.8566E-01	1.9383E+00	-6.5322E-01	1.8545E+00	-5.6661E-01
6.0000E-01	1.7214E+00	-4.1474E-01	1.7224E+00	-4.1414E-01	1.6622E+00	-6.5140E-01	1.6389E+00	-6.2339E-01	1.5961E+00	-5.5034E-01
7.0000E-01	1.5100E+00	-4.4304E-01	1.5106E+00	-4.4272E-01	1.4402E+00	-6.1073E-01	1.4270E+00	-5.8616E-01	1.4077E+00	-5.2426E-01
8.0000E-01	1.3463E+00	-4.4396E-01	1.3467E+00	-4.4379E-01	1.2788E+00	-5.6459E-01	1.2719E+00	-5.4293E-01	1.2668E+00	-4.9068E-01
1.0000E+00	1.1240E+00	-3.9842E-01	1.1242E+00	-3.9838E-01	1.0698E+00	-4.6045E-01	1.0701E+00	-4.4395E-01	1.0788E+00	-4.0814E-01
1.2000E+00	9.9555E-01	-3.2110E-01	9.9564E-01	-3.2111E-01	9.5513E-01	-3.4986E-01	9.5878E-01	-3.3814E-01	9.7172E-01	-3.1586E-01
1.3000E+00	9.5531E-01	-2.7810E-01	9.5538E-01	-2.7811E-01	9.2106E-01	-2.9594E-01	9.2551E-01	-2.8645E-01	9.3877E-01	-2.6982E-01
1.5000E+00	9.0847E-01	-1.9364E-01	9.0851E-01	-1.9366E-01	8.8481E-01	-1.9743E-01	8.8978E-01	-1.9187E-01	9.0176E-01	-1.8411E-01
1.7000E+00	8.9306E-01	-1.1999E-01	8.9307E-01	-1.2001E-01	8.7766E-01	-1.1694E-01	8.8224E-01	-1.1437E-01	8.9172E-01	-1.1234E-01
2.0000E+00	9.0342E-01	-4.0014E-02	9.0343E-01	-4.0026E-02	8.9649E-01	-3.4178E-02	8.9975E-01	-3.4277E-02	9.0524E-01	-3.6275E-02
2.5000E+00	9.5014E-01	1.8602E-02	9.5014E-01	1.8599E-02	9.4967E-01	2.2238E-02	9.5073E-01	2.1013E-02	9.5177E-01	1.8603E-02
3.0000E+00	9.8705E-01	2.3656E-02	9.8705E-01	2.3656E-02	9.8792E-01	2.4806E-02	9.8786E-01	2.4055E-02	9.8745E-01	2.3032E-02
3.5000E+00	1.0028E+00	1.3071E-02	1.0028E+00	1.3071E-02	1.0034E+00	1.3145E-02	1.0031E+00	1.2929E-02	1.0027E+00	1.2761E-02
4.0000E+00	1.0053E+00	3.9726E-03	1.0053E+00	3.9728E-03	1.0055E+00	3.8243E-03	1.0053E+00	3.8445E-03	1.0051E+00	3.9298E-03
4.5000E+00	1.0033E+00	-2.1927E-04	1.0033E+00	-2.1922E-04	1.0033E+00	-3.1816E-04	1.0032E+00	-2.6093E-04	1.0032E+00	-1.8041E-04
5.0000E+00	1.0011E+00	-1.1294E-03	1.0011E+00	-1.1294E-03	1.0011E+00	-1.1614E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.0981E-03

H(1)/H(2)= 2.0000E-01 SIGMA(2)/SIGMA(1)= 1.0000E-03

V	SIGMA(3)/SIGMA(1)=1.0000E-01 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 O(AMP)	O(PHASE)
1.0000E-04	3.1620E+00	-9.0578E-05	1.0004E+00	3.5297E-04	3.1665E-01	1.3173E-03	1.0042E-01	4.2175E-03	3.2050E-02	1.3236E-02
2.0000E-04	3.1617E+00	-1.8119E-04	1.0007E+00	7.0550E-04	3.1706E-01	2.6310E-03	1.0085E-01	8.3993E-03	3.2482E-02	2.6121E-02
5.0000E-04	3.1608E+00	-4.5324E-04	1.0018E+00	1.7604E-03	3.1832E-01	6.5498E-03	1.0214E-01	2.0733E-02	3.3810E-02	6.2770E-02
1.0000E-03	3.1594E+00	-9.0735E-04	1.0035E+00	3.5096E-03	3.2043E-01	1.3008E-02	1.0432E-01	4.0601E-02	3.6115E-02	1.1772E-01
2.0000E-03	3.1566E+00	-1.8181E-03	1.0071E+00	6.9745E-03	3.2468E-01	2.5656E-02	1.0880E-01	7.7895E-02	4.0994E-02	2.0842E-01
5.0000E-03	3.1480E+00	-4.5709E-03	1.0178E+00	1.7105E-02	3.3773E-01	6.1535E-02	1.2301E-01	1.7277E-01	5.6929E-02	3.8155E-01
1.0000E-02	3.1338E+00	-9.2246E-03	1.0359E+00	3.3125E-02	3.6034E-01	1.1500E-01	1.4851E-01	2.8830E-01	8.5323E-02	5.1956E-01
1.5000E-02	3.1196E+00	-1.3957E-02	1.0542E+00	4.8102E-02	3.8386E-01	1.6151E-01	1.7539E-01	3.6871E-01	1.1453E-01	5.8748E-01
2.0000E-02	3.1054E+00	-1.8763E-02	1.0728E+00	6.2074E-02	4.0812E-01	2.0202E-01	2.0311E-01	4.2691E-01	1.4404E-01	6.2713E-01
2.5000E-02	3.0912E+00	-2.3638E-02	1.0915E+00	7.5081E-02	4.3296E-01	2.3737E-01	2.3135E-01	4.7044E-01	1.7371E-01	6.5267E-01
3.0000E-02	3.0771E+00	-2.8579E-02	1.1104E+00	8.7161E-02	4.5829E-01	2.6829E-01	2.5993E-01	5.0384E-01	2.0345E-01	6.7013E-01
3.5000E-02	3.0629E+00	-3.3580E-02	1.1294E+00	9.8349E-02	4.8402E-01	2.9537E-01	2.8875E-01	5.2999E-01	2.3325E-01	6.8249E-01
4.0000E-02	3.0487E+00	-3.8638E-02	1.1486E+00	1.0868E-01	5.1006E-01	3.1913E-01	3.1774E-01	5.5075E-01	2.6307E-01	6.9139E-01
5.0000E-02	3.0204E+00	-4.8905E-02	1.1870E+00	1.2691E-01	5.6288E-01	3.5826E-01	3.7601E-01	5.8081E-01	3.2274E-01	7.0239E-01
6.0000E-02	2.9918E+00	-5.9347E-02	1.2257E+00	1.4211E-01	6.1637E-01	3.8835E-01	4.3452E-01	6.0034E-01	3.8242E-01	7.0746E-01
8.0000E-02	2.9343E+00	-8.0623E-02	1.3027E+00	1.6434E-01	7.2436E-01	4.2844E-01	5.5169E-01	6.1992E-01	5.0164E-01	7.0682E-01
1.0000E-01	2.8759E+00	-1.0221E-01	1.3784E+00	1.7703E-01	8.3248E-01	4.4921E-01	6.6851E-01	6.2320E-01	6.2043E-01	6.9682E-01
1.5000E-01	2.7264E+00	-1.5609E-01	1.5549E+00	1.7582E-01	1.0965E+00	4.4779E-01	9.5517E-01	5.9033E-01	9.1269E-01	6.4495E-01
2.0000E-01	2.5735E+00	-2.0753E-01	1.7014E+00	1.4066E-01	1.3393E+00	3.9861E-01	1.2246E+00	5.2012E-01	1.1895E+00	5.6446E-01
3.0000E-01	2.2725E+00	-2.9570E-01	1.8668E+00	1.7909E-02	1.6983E+00	2.2675E-01	1.6459E+00	3.1611E-01	1.6300E+00	3.4742E-01
4.0000E-01	1.9991E+00	-3.5954E-01	1.8624E+00	-1.1666E-01	1.8296E+00	3.1940E-02	1.8262E+00	9.2381E-02	1.8263E+00	1.1316E-01
5.0000E-01	1.7653E+00	-3.9967E-01	1.7520E+00	-2.2523E-01	1.7775E+00	-1.2848E-01	1.7941E+00	-9.1071E-02	1.8006E+00	-7.8452E-02
6.0000E-01	1.5721E+00	-4.1949E-01	1.6047E+00	-2.9848E-01	1.6434E+00	-2.3798E-01	1.6622E+00	-2.1577E-01	1.6691E+00	-2.0842E-01
7.0000E-01	1.4151E+00	-4.2282E-01	1.4596E+00	-3.4029E-01	1.4951E+00	-3.0299E-01	1.5106E+00	-2.8994E-01	1.5161E+00	-2.8570E-01
8.0000E-01	1.2887E+00	-4.1304E-01	1.3321E+00	-3.5754E-01	1.3606E+00	-3.3476E-01	1.3722E+00	-3.2715E-01	1.3763E+00	-3.2472E-01
1.0000E+00	1.1075E+00	-3.6532E-01	1.1391E+00	-3.4197E-01	1.1556E+00	-3.3420E-01	1.1619E+00	-3.3186E-01	1.1639E+00	-3.3114E-01
1.2000E+00	9.9660E-01	-2.9538E-01	1.0170E+00	-2.8776E-01	1.0264E+00	-2.8614E-01	1.0297E+00	-2.8581E-01	1.0308E+00	-2.8573E-01
1.3000E+00	9.6055E-01	-2.5699E-01	9.7665E-01	-2.5376E-01	9.8358E-01	-2.5364E-01	9.8600E-01	-2.5377E-01	9.8679E-01	-2.5383E-01
1.5000E+00	9.1726E-01	-1.8127E-01	9.2678E-01	-1.8272E-01	9.3053E-01	-1.8398E-01	9.3180E-01	-1.8449E-01	9.3221E-01	-1.8467E-01
1.7000E+00	9.0179E-01	-1.1436E-01	9.0705E-01	-1.1731E-01	9.0896E-01	-1.1881E-01	9.0959E-01	-1.1936E-01	9.0979E-01	-1.1954E-01
2.0000E+00	9.0958E-01	-4.0159E-02	9.1132E-01	-4.2866E-02	9.1186E-01	-4.3994E-02	9.1202E-01	-4.4384E-02	9.1207E-01	-4.4511E-02
2.5000E+00	9.5192E-01	1.6335E-02	9.5174E-01	1.5224E-02	9.5162E-01	1.4822E-02	9.5158E-01	1.4689E-02	9.5157E-01	1.4647E-02
3.0000E+00	9.8688E-01	2.2386E-02	9.8655E-01	2.2149E-02	9.8642E-01	2.2075E-02	9.8638E-01	2.2051E-02	9.8637E-01	2.2044E-02
3.5000E+00	1.0024E+00	1.2745E-02	1.0022E+00	1.2767E-02	1.0022E+00	1.2780E-02	1.0021E+00	1.2784E-02	1.0021E+00	1.2786E-02
4.0000E+00	1.0050E+00	4.0213E-03	1.0050E+00	4.0681E-03	1.0050E+00	4.0854E-03	1.0050E+00	4.0912E-03	1.0050E+00	4.0931E-03
4.5000E+00	1.0032E+00	-1.2520E-04	1.0032E+00	-1.0186E-04	1.0032E+00	-9.3762E-05	1.0032E+00	-9.1124E-05	1.0032E+00	-9.0282E-05
5.0000E+00	1.0012E+00	-1.0812E-03	1.0012E+00	-1.0751E-03	1.0012E+00	-1.0731E-03	1.0012E+00	-1.0725E-03	1.0012E+00	-1.0723E-03

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 2.0000E-01 (first column group); H(1)/H(2)= 5.0000E-01 (last four column groups)

V	SIGMA(3)/SIGMA(1)= 1.0000E+04 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 O(AMP)	O(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-01 O(AMP)	O(PHASE)
1.0000E-04	1.0433E-02	4.0676E-02	9.9294E+01	-7.0331E-03	3.1552E+01	-2.2288E-03	9.9931E+00	-6.8683E-04	3.1618E+00	-1.5695E-04
2.0000E-04	1.0882E-02	7.8055E-02	9.8594E+01	-1.3967E-02	3.1482E+01	-4.4477E-03	9.9863E+00	-1.3727E-03	3.1613E+00	-3.1384E-04
5.0000E-04	1.2306E-02	1.7325E-01	9.6523E+01	-3.4191E-02	3.1272E+01	-1.1045E-02	9.9657E+00	-3.4245E-03	3.1598E+00	-7.8422E-04
1.0000E-03	1.4861E-02	2.8950E-01	9.3182E+01	-6.6049E-02	3.0924E+01	-2.1846E-02	9.9315E+00	-6.8251E-03	3.1573E+00	-1.5671E-03
2.0000E-03	2.0339E-02	4.3030E-01	8.6925E+01	-1.2345E-01	3.0243E+01	-4.2736E-02	9.8635E+00	-1.3555E-02	3.1524E+00	-3.1292E-03
5.0000E-03	3.7738E-02	5.9676E-01	7.1444E+01	-2.5578E-01	2.8303E+01	-1.0011E-01	9.6624E+00	-3.3189E-02	3.1376E+00	-7.7846E-03
1.0000E-02	6.7438E-02	6.7978E-01	5.4074E+01	-3.9298E-01	2.5428E+01	-1.8052E-01	9.3376E+00	-6.4135E-02	3.1130E+00	-1.5442E-02
1.5000E-02	9.7318E-02	7.1144E-01	4.3104E+01	-4.7556E-01	2.2974E+01	-2.4572E-01	9.0262E+00	-9.2997E-02	3.0887E+00	-2.2974E-02
2.0000E-02	1.2725E-01	7.2764E-01	3.5700E+01	-5.2999E-01	2.0886E+01	-2.9921E-01	8.7282E+00	-1.1993E-01	3.0646E+00	-3.0383E-02
2.5000E-02	1.5720E-01	7.3707E-01	3.0413E+01	-5.6835E-01	1.9103E+01	-3.4364E-01	8.4438E+00	-1.4508E-01	3.0407E+00	-3.7669E-02
3.0000E-02	1.8716E-01	7.4285E-01	2.6465E+01	-5.9674E-01	1.7574E+01	-3.8098E-01	8.1726E+00	-1.6859E-01	3.0170E+00	-4.4835E-02
3.5000E-02	2.1713E-01	7.4639E-01	2.3411E+01	-6.1854E-01	1.6254E+01	-4.1270E-01	7.9144E+00	-1.9057E-01	2.9935E+00	-5.1881E-02
4.0000E-02	2.4709E-01	7.4841E-01	2.0982E+01	-6.3579E-01	1.5107E+01	-4.3991E-01	7.6686E+00	-2.1116E-01	2.9702E+00	-5.8811E-02
5.0000E-02	3.0702E-01	7.4937E-01	1.7367E+01	-6.6124E-01	1.3216E+01	-4.8405E-01	7.2123E+00	-2.4855E-01	2.9243E+00	-7.2323E-02
6.0000E-02	3.6691E-01	7.4750E-01	1.4808E+01	-6.7904E-01	1.1731E+01	-5.1814E-01	6.7993E+00	-2.8153E-01	2.8792E+00	-8.5384E-02
8.0000E-02	4.8656E-01	7.3795E-01	1.1433E+01	-7.0198E-01	9.5581E+00	-5.6695E-01	6.0857E+00	-3.3670E-01	2.7917E+00	-1.1020E-01
1.0000E-01	6.0580E-01	7.2251E-01	9.3085E+00	-7.1574E-01	8.0537E+00	-5.9979E-01	5.4957E+00	-3.8061E-01	2.7076E+00	-1.3336E-01
1.5000E-01	8.9959E-01	6.6336E-01	6.3542E+00	-7.3226E-01	5.7685E+00	-6.4665E-01	4.4027E+00	-4.5737E-01	2.5124E+00	-1.8457E-01
2.0000E-01	1.1786E+00	5.7916E-01	4.8235E+00	-7.3701E-01	4.4901E+00	-6.6891E-01	3.6615E+00	-5.0463E-01	2.3374E+00	-2.2725E-01
3.0000E-01	1.6251E+00	3.5766E-01	3.2570E+00	-7.3096E-01	3.1120E+00	-6.8190E-01	2.7340E+00	-5.5249E-01	2.0411E+00	-2.9127E-01
4.0000E-01	1.8265E+00	1.1991E-01	2.4619E+00	-7.1288E-01	2.3849E+00	-6.7383E-01	2.1837E+00	-5.6662E-01	1.8044E+00	-3.3245E-01
5.0000E-01	1.8028E+00	-7.4379E-02	1.9833E+00	-6.8613E-01	1.9383E+00	-6.5322E-01	1.8231E+00	-5.6141E-01	1.6147E+00	-3.5582E-01
6.0000E-01	1.6713E+00	-2.0606E-01	1.6663E+00	-6.5207E-01	1.6389E+00	-6.2339E-01	1.5714E+00	-5.4321E-01	1.4619E+00	-3.6506E-01
7.0000E-01	1.5178E+00	-2.8435E-01	1.4436E+00	-6.1162E-01	1.4270E+00	-5.8616E-01	1.3884E+00	-5.1552E-01	1.3382E+00	-3.6296E-01
8.0000E-01	1.3776E+00	-3.2395E-01	1.2816E+00	-5.6570E-01	1.2719E+00	-5.4293E-01	1.2520E+00	-4.8066E-01	1.2382E+00	-3.5177E-01
1.0000E+00	1.1646E+00	-3.3092E-01	1.0716E+00	-4.6196E-01	1.0701E+00	-4.4395E-01	1.0711E+00	-3.9678E-01	1.0926E+00	-3.0947E-01
1.2000E+00	1.0311E+00	-2.8570E-01	9.5625E-01	-3.5162E-01	9.5878E-01	-3.3814E-01	9.6908E-01	-3.0484E-01	1.0011E+00	-2.5123E-01
1.3000E+00	9.8705E-01	-2.5385E-01	9.2185E-01	-2.9774E-01	9.2551E-01	-2.8645E-01	9.3802E-01	-2.5952E-01	9.7065E-01	-2.1964E-01
1.5000E+00	9.3234E-01	-1.8473E-01	8.8503E-01	-1.9915E-01	8.8978E-01	-1.9187E-01	9.0367E-01	-1.7599E-01	9.3282E-01	-1.5728E-01
1.7000E+00	9.0985E-01	-1.1960E-01	8.7745E-01	-1.1840E-01	8.8224E-01	-1.1437E-01	8.9503E-01	-1.0680E-01	9.1795E-01	-1.0159E-01
2.0000E+00	9.1209E-01	-4.4551E-02	8.9591E-01	-3.5092E-02	8.9975E-01	-3.4277E-02	9.0892E-01	-3.4121E-02	9.2221E-01	-3.8384E-02
2.5000E+00	9.5156E-01	1.4633E-02	9.4905E-01	2.2111E-02	9.5073E-01	2.1013E-02	9.5391E-01	1.7855E-02	9.5671E-01	1.2336E-02
3.0000E+00	9.8636E-01	2.2042E-02	9.8760E-01	2.5013E-02	9.8786E-01	2.4055E-02	9.8796E-01	2.1964E-02	9.8721E-01	1.9466E-02
3.5000E+00	1.0021E+00	1.2786E-02	1.0033E+00	1.3353E-02	1.0031E+00	1.2929E-02	1.0025E+00	1.2207E-02	1.0015E+00	1.1677E-02
4.0000E+00	1.0050E+00	4.0937E-03	1.0055E+00	3.9245E-03	1.0053E+00	3.8445E-03	1.0049E+00	3.8032E-03	1.0044E+00	3.9277E-03
4.5000E+00	1.0032E+00	-9.0015E-05	1.0033E+00	-3.0186E-04	1.0032E+00	-2.6093E-04	1.0031E+00	-1.3779E-04	1.0030E+00	3.6536E-05
5.0000E+00	1.0012E+00	-1.0722E-03	1.0011E+00	-1.1774E-03	1.0011E+00	-1.1303E-03	1.0011E+00	-1.0396E-03	1.0011E+00	-9.5324E-04

SIGMA(2)/SIGMA(1)= 1.0000E-03

H(1)/H(2)= 5.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+04 Q(AMP)	Q(PHASE)
1.0000E-04	1.0001E+00	1.4122E-04	3.1643E-01	6.4795E-04	1.0021E-01	2.1097E-03	3.1836E-02	6.6611E-03	1.0214E-02	2.0769E-02
2.0000E-04	1.0003E+00	2.8232E-04	3.1664E-01	1.2950E-03	1.0042E-01	4.2104E-03	3.2050E-02	1.3233E-02	1.0433E-02	4.0676E-02
5.0000E-04	1.0007E+00	7.0490E-04	3.1725E-01	3.2304E-03	1.0106E-01	1.0459E-02	3.2700E-02	3.2429E-02	1.1111E-02	9.5598E-02
1.0000E-03	1.0014E+00	1.4068E-03	3.1828E-01	6.4374E-03	1.0214E-01	2.0697E-02	3.3810E-02	6.2758E-02	1.2305E-02	1.7324E-01
2.0000E-03	1.0028E+00	2.8017E-03	3.2035E-01	1.2782E-02	1.0431E-01	4.0528E-02	3.6114E-02	1.1769E-01	1.4861E-02	2.8949E-01
5.0000E-03	1.0071E+00	6.9150E-03	3.2664E-01	3.1272E-02	1.1107E-01	9.5198E-02	4.3536E-02	2.4591E-01	2.3175E-02	4.7527E-01
1.0000E-02	1.0142E+00	1.3536E-02	3.3735E-01	6.0347E-02	1.2297E-01	1.7234E-01	5.6923E-02	3.8136E-01	3.7737E-02	5.9664E-01
1.5000E-02	1.0214E+00	1.9868E-02	3.4833E-01	8.7370E-02	1.3546E-01	2.2534E-01	7.0952E-02	4.6409E-01	5.2544E-02	6.4985E-01
2.0000E-02	1.0286E+00	2.5918E-02	3.5954E-01	1.1248E-01	1.4840E-01	2.8728E-01	8.5305E-02	5.1901E-01	6.7433E-02	6.7938E-01
2.5000E-02	1.0358E+00	3.1690E-02	3.7097E-01	1.3582E-01	1.6168E-01	3.3055E-01	9.9841E-02	5.5778E-01	8.2361E-02	6.9796E-01
3.0000E-02	1.0431E+00	3.7190E-02	3.8258E-01	1.5751E-01	1.7521E-01	3.6694E-01	1.1449E-01	5.8641E-01	9.7308E-02	7.1058E-01
3.5000E-02	1.0504E+00	4.2425E-02	3.9436E-01	1.7766E-01	1.8894E-01	3.9782E-01	1.2921E-01	6.0826E-01	1.1227E-01	7.1956E-01
4.0000E-02	1.0577E+00	4.7398E-02	4.0630E-01	1.9640E-01	2.0283E-01	4.2422E-01	1.4398E-01	6.2536E-01	1.2723E-01	7.2616E-01
5.0000E-02	1.0723E+00	5.6584E-02	4.3055E-01	2.2998E-01	2.3095E-01	4.6667E-01	1.7361E-01	6.5004E-01	1.5717E-01	7.3479E-01
6.0000E-02	1.0869E+00	6.4792E-02	4.5522E-01	2.5899E-01	2.5939E-01	4.9884E-01	2.0332E-01	6.6646E-01	1.8712E-01	7.3961E-01
8.0000E-02	1.1161E+00	7.8436E-02	5.0546E-01	3.0557E-01	3.1683E-01	5.4276E-01	2.6282E-01	6.8516E-01	2.4701E-01	7.4273E-01
1.0000E-01	1.1449E+00	8.8650E-02	5.5645E-01	3.3989E-01	3.7463E-01	5.6919E-01	3.2233E-01	6.9293E-01	3.0685E-01	7.4059E-01
1.5000E-01	1.2139E+00	1.0112E-01	6.8466E-01	3.8777E-01	5.1911E-01	5.9341E-01	4.7064E-01	6.8759E-01	4.5601E-01	7.2149E-01
2.0000E-01	1.2761E+00	9.8268E-02	8.1049E-01	3.9915E-01	6.6160E-01	5.8413E-01	6.1718E-01	6.6144E-01	6.0360E-01	6.8833E-01
3.0000E-01	1.3707E+00	6.0909E-02	1.0409E+00	3.5708E-01	9.3028E-01	5.1073E-01	8.9629E-01	5.6933E-01	8.8574E-01	5.8904E-01
4.0000E-01	1.4176E+00	8.4783E-04	1.2209E+00	2.6653E-01	1.1545E+00	3.9404E-01	1.1340E+00	4.4084E-01	1.1276E+00	4.5638E-01
5.0000E-01	1.4185E+00	-6.4087E-02	1.3317E+00	1.5725E-01	1.3070E+00	2.5889E-01	1.3003E+00	2.9549E-01	1.2983E+00	3.0756E-01
6.0000E-01	1.3847E+00	-1.2241E-01	1.3723E+00	5.0884E-02	1.3774E+00	1.2744E-01	1.3808E+00	1.5459E-01	1.3821E+00	1.6350E-01
7.0000E-01	1.3303E+00	-1.6830E-01	1.3585E+00	-3.9080E-02	1.3792E+00	1.5584E-02	1.3878E+00	3.4638E-02	1.3908E+00	4.0854E-02
8.0000E-01	1.2672E+00	-1.9999E-01	1.3125E+00	-1.0721E-01	1.3381E+00	-6.9828E-02	1.3480E+00	-5.7052E-02	1.3513E+00	-5.2913E-02
1.0000E+00	1.1450E+00	-2.2426E-01	1.1905E+00	-1.8099E-01	1.2119E+00	-1.6537E-01	1.2197E+00	-1.6028E-01	1.2223E+00	-1.5865E-01
1.2000E+00	1.0494E+00	-2.0955E-01	1.0825E+00	-1.9293E-01	1.0966E+00	-1.8784E-01	1.1015E+00	-1.8631E-01	1.1031E+00	-1.8583E-01
1.3000E+00	1.0135E+00	-1.9288E-01	1.0405E+00	-1.8411E-01	1.0515E+00	-1.8188E-01	1.0553E+00	-1.8127E-01	1.0565E+00	-1.8109E-01
1.5000E+00	9.6380E-01	-1.5009E-01	9.8070E-01	-1.5028E-01	9.8715E-01	-1.5106E-01	9.8932E-01	-1.5141E-01	9.9002E-01	-1.5153E-01
1.7000E+00	9.3838E-01	-1.0419E-01	9.4822E-01	-1.0788E-01	9.5178E-01	-1.0964E-01	9.5295E-01	-1.1027E-01	9.5332E-01	-1.1048E-01
2.0000E+00	9.3138E-01	-4.5302E-02	9.3503E-01	-4.9512E-02	9.3623E-01	-5.1179E-02	9.3661E-01	-5.1745E-02	9.3673E-01	-5.1929E-02
2.5000E+00	9.5740E-01	7.8889E-03	9.5734E-01	5.8746E-03	9.5726E-01	5.1605E-03	9.5723E-01	4.9266E-03	9.5722E-01	4.8519E-03
3.0000E+00	9.8622E-01	1.8047E-02	9.8570E-01	1.7528E-02	9.8550E-01	1.7360E-02	9.8544E-01	1.7307E-02	9.8542E-01	1.7290E-02
3.5000E+00	1.0009E+00	1.1547E-02	1.0006E+00	1.1540E-02	1.0005E+00	1.1544E-02	1.0004E+00	1.1546E-02	1.0004E+00	1.1547E-02
4.0000E+00	1.0042E+00	4.0762E-03	1.0041E+00	4.1494E-03	1.0041E+00	4.1761E-03	1.0041E+00	4.1850E-03	1.0041E+00	4.1878E-03
4.5000E+00	1.0029E+00	1.4679E-04	1.0029E+00	1.9114E-04	1.0029E+00	2.0627E-04	1.0029E+00	2.1117E-04	1.0029E+00	2.1273E-04
5.0000E+00	1.0012E+00	-9.1127E-04	1.0012E+00	-8.9641E-04	1.0012E+00	-8.9157E-04	1.0012E+00	-8.9003E-04	1.0012E+00	-8.8955E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)
1.0000E-04	9.8949E+01	-1.0459E-02	3.1520E+01	-3.2293E-03	9.9930E+00	-6.9954E-04	3.1648E+00	8.0330E-04	1.0035E+00	3.4867E-03
2.0000E-04	9.7909E+01	-2.0699E-02	3.1419E+01	-6.4373E-03	9.9860E+00	-1.3981E-03	3.1674E+00	1.6032E-03	1.0070E+00	6.9467E-03
5.0000E-04	9.4861E+01	-5.0151E-02	3.1115E+01	-1.5935E-02	9.9651E+00	-3.4877E-03	3.1750E+00	3.9830E-03	1.0177E+00	1.7168E-02
1.0000E-03	9.0030E+01	-9.5286E-02	3.0615E+01	-3.1350E-02	9.9302E+00	-6.9506E-03	3.1878E+00	7.8826E-03	1.0356E+00	3.3684E-02
2.0000E-03	8.1320E+01	-1.7269E-01	2.9644E+01	-6.0691E-02	9.8610E+00	-1.3803E-02	3.2136E+00	1.5435E-02	1.0723E+00	6.4855E-02
5.0000E-03	6.1838E+01	-3.3246E-01	2.6955E+01	-1.3800E-01	9.6563E+00	-3.3781E-02	3.2918E+00	3.6172E-02	1.1877E+00	1.4505E-01
1.0000E-02	4.3258E+01	-4.7344E-01	2.3208E+01	-2.3819E-01	9.3259E+00	-6.5236E-02	3.4242E+00	6.4701E-02	1.3929E+00	2.4343E-01
1.5000E-02	3.3000E+01	-5.4786E-01	2.0246E+01	-3.1254E-01	9.0093E+00	-9.4535E-02	3.5578E+00	8.6328E-02	1.6076E+00	3.1018E-01
2.0000E-02	2.6605E+01	-5.9301E-01	1.7890E+01	-3.6904E-01	8.7067E+00	-1.2184E-01	3.6907E+00	1.0175E-01	1.8271E+00	3.5494E-01
2.5000E-02	2.2264E+01	-6.2289E-01	1.5993E+01	-4.1295E-01	8.4182E+00	-1.4731E-01	3.8214E+00	1.1160E-01	2.0487E+00	3.8379E-01
3.0000E-02	1.9132E+01	-6.4382E-01	1.4442E+01	-4.4770E-01	8.1432E+00	-1.7108E-01	3.9484E+00	1.1646E-01	2.2700E+00	4.0065E-01
3.5000E-02	1.6770E+01	-6.5903E-01	1.3156E+01	-4.7566E-01	7.8819E+00	-1.9328E-01	4.0704E+00	1.1689E-01	2.4896E+00	4.0812E-01
4.0000E-02	1.4927E+01	-6.7037E-01	1.2076E+01	-4.9842E-01	7.6333E+00	-2.1405E-01	4.1861E+00	1.1337E-01	2.7058E+00	4.0803E-01
5.0000E-02	1.2237E+01	-6.8543E-01	1.0368E+01	-5.3268E-01	7.1724E+00	-2.5172E-01	4.3941E+00	9.6298E-02	3.1223E+00	3.9006E-01
6.0000E-02	1.0372E+01	-6.9399E-01	9.0832E+00	-5.5648E-01	6.7561E+00	-2.8487E-01	4.5651E+00	6.8602E-02	3.5078E+00	3.5401E-01
8.0000E-02	7.9595E+00	-6.9996E-01	7.2902E+00	-5.8493E-01	6.0385E+00	-3.4017E-01	4.7787E+00	-7.2774E-03	4.1390E+00	2.4638E-01
1.0000E-01	6.4712E+00	-6.9718E-01	6.1059E+00	-5.9828E-01	5.4468E+00	-3.8403E-01	4.8202E+00	-9.5109E-02	4.5276E+00	1.1510E-01
1.5000E-01	4.4619E+00	-6.7066E-01	4.4035E+00	-6.0095E-01	4.3548E+00	-4.6031E-01	4.4121E+00	-2.9475E-01	4.5158E+00	-1.8975E-01
2.0000E-01	3.4809E+00	-6.3280E-01	3.5158E+00	-5.8761E-01	3.6173E+00	-5.0691E-01	3.7798E+00	-4.2665E-01	3.9048E+00	-3.8230E-01
3.0000E-01	2.5720E+00	-5.7397E-01	2.6170E+00	-5.6552E-01	2.6976E+00	-5.5334E-01	2.7803E+00	-5.4422E-01	2.8283E+00	-5.4028E-01
4.0000E-01	2.1147E+00	-5.5724E-01	2.1292E+00	-5.6045E-01	2.1537E+00	-5.6602E-01	2.1770E+00	-5.7156E-01	2.1900E+00	-5.7474E-01
5.0000E-01	1.7938E+00	-5.5169E-01	1.7954E+00	-5.5452E-01	1.7981E+00	-5.5935E-01	1.8000E+00	-5.6405E-01	1.8024E+00	-5.6670E-01
6.0000E-01	1.5530E+00	-5.3684E-01	1.5520E+00	-5.3788E-01	1.5505E+00	-5.3969E-01	1.5490E+00	-5.4151E-01	1.5481E+00	-5.4255E-01
7.0000E-01	1.3728E+00	-5.1023E-01	1.3721E+00	-5.1035E-01	1.3709E+00	-5.1058E-01	1.3698E+00	-5.1080E-01	1.3691E+00	-5.1094E-01
8.0000E-01	1.2381E+00	-4.7470E-01	1.2379E+00	-4.7458E-01	1.2375E+00	-4.7439E-01	1.2371E+00	-4.7419E-01	1.2369E+00	-4.7408E-01
1.0000E+00	1.0615E+00	-3.8845E-01	1.0615E+00	-3.8842E-01	1.0616E+00	-3.8837E-01	1.0616E+00	-3.8831E-01	1.0616E+00	-3.8828E-01
1.2000E+00	9.6372E-01	-2.9536E-01	9.6372E-01	-2.9536E-01	9.6373E-01	-2.9537E-01	9.6374E-01	-2.9538E-01	9.6375E-01	-2.9538E-01
1.3000E+00	9.3445E-01	-2.4998E-01	9.3445E-01	-2.4999E-01	9.3445E-01	-2.4999E-01	9.3445E-01	-2.5000E-01	9.3445E-01	-2.5000E-01
1.5000E+00	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01
1.7000E+00	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02
2.0000E+00	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02
2.5000E+00	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02
3.0000E+00	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02
3.5000E+00	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02
4.0000E+00	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03
4.5000E+00	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)
1.0000E-04	3.1984E-01	1.1241E-02	1.0367E-01	3.4782E-02	3.5413E-02	1.0201E-01	1.4076E-02	2.5908E-01
2.0000E-04	3.2350E-01	2.2227E-02	1.0745E-01	6.7148E-02	3.9499E-02	1.8362E-01	1.8662E-02	3.9680E-01
5.0000E-04	3.3469E-01	5.3711E-02	1.1939E-01	1.5153E-01	5.2826E-02	3.4830E-01	3.3330E-02	5.7160E-01
1.0000E-03	3.5401E-01	1.0162E-01	1.4075E-01	2.5893E-01	7.6690E-02	4.8945E-01	5.8499E-02	6.6416E-01
2.0000E-03	3.9473E-01	1.8275E-01	1.8659E-01	3.9637E-01	1.2635E-01	6.0720E-01	1.0930E-01	7.2041E-01
5.0000E-03	5.2740E-01	3.4533E-01	3.3313E-01	5.6969E-01	2.7822E-01	7.0335E-01	2.6215E-01	7.5692E-01
1.0000E-02	7.6446E-01	4.8071E-01	5.8442E-01	6.5747E-01	5.3266E-01	7.3731E-01	5.1706E-01	7.6581E-01
1.5000E-02	1.0087E+00	5.4544E-01	8.3740E-01	6.8651E-01	7.8725E-01	7.4348E-01	7.7193E-01	7.6301E-01
2.0000E-02	1.2552E+00	5.7842E-01	1.0906E+00	6.9556E-01	1.0417E+00	7.4010E-01	1.0266E+00	7.5506E-01
2.5000E-02	1.5021E+00	5.9382E-01	1.3433E+00	6.9430E-01	1.2957E+00	7.3111E-01	1.2809E+00	7.4331E-01
3.0000E-02	1.7484E+00	5.9790E-01	1.5952E+00	6.8629E-01	1.5489E+00	7.1784E-01	1.5345E+00	7.2822E-01
3.5000E-02	1.9930E+00	5.9389E-01	1.8457E+00	6.7315E-01	1.8008E+00	7.0093E-01	1.7868E+00	7.1001E-01
4.0000E-02	2.2350E+00	5.8361E-01	2.0940E+00	6.5575E-01	2.0507E+00	6.8069E-01	2.0372E+00	6.8880E-01
5.0000E-02	2.7067E+00	5.4841E-01	2.5800E+00	6.1014E-01	2.5408E+00	6.3108E-01	2.5285E+00	6.3785E-01
6.0000E-02	3.1532E+00	4.9798E-01	3.0434E+00	5.5227E-01	3.0093E+00	5.7046E-01	2.9985E+00	5.7632E-01
8.0000E-02	3.9189E+00	3.6521E-01	3.8498E+00	4.0846E-01	3.8282E+00	4.2278E-01	3.8213E+00	4.2738E-01
1.0000E-01	4.4352E+00	2.0988E-01	4.4077E+00	2.4383E-01	4.3993E+00	2.5500E-01	4.3967E+00	2.5858E-01
1.5000E-01	4.5763E+00	-1.4583E-01	4.5999E+00	-1.3055E-01	4.6079E+00	-1.2556E-01	4.6105E+00	-1.2397E-01
2.0000E-01	3.9622E+00	-3.6502E-01	3.9829E+00	-3.5916E-01	3.9897E+00	-3.5727E-01	3.9919E+00	-3.5667E-01
3.0000E-01	2.8478E+00	-5.3894E-01	2.8545E+00	-5.3852E-01	2.8567E+00	-5.3838E-01	2.8574E+00	-5.3834E-01
4.0000E-01	2.1952E+00	-5.7601E-01	2.1969E+00	-5.7645E-01	2.1975E+00	-5.7659E-01	2.1977E+00	-5.7664E-01
5.0000E-01	1.8030E+00	-5.6776E-01	1.8032E+00	-5.6812E-01	1.8033E+00	-5.6824E-01	1.8033E+00	-5.6827E-01
6.0000E-01	1.5478E+00	-5.4297E-01	1.5477E+00	-5.4312E-01	1.5476E+00	-5.4316E-01	1.5476E+00	-5.4318E-01
7.0000E-01	1.3689E+00	-5.1099E-01	1.3688E+00	-5.1101E-01	1.3687E+00	-5.1102E-01	1.3687E+00	-5.1102E-01
8.0000E-01	1.2368E+00	-4.7403E-01	1.2368E+00	-4.7402E-01	1.2368E+00	-4.7401E-01	1.2368E+00	-4.7401E-01
1.0000E+00	1.0616E+00	-3.8827E-01	1.0617E+00	-3.8827E-01	1.0617E+00	-3.8826E-01	1.0617E+00	-3.8826E-01
1.2000E+00	9.6375E-01	-2.9538E-01	9.6375E-01	-2.9539E-01	9.6375E-01	-2.9539E-01	9.6375E-01	-2.9539E-01
1.3000E+00	9.3445E-01	-2.5000E-01	9.3445E-01	-2.5000E-01	9.3445E-01	-2.5000E-01	9.3445E-01	-2.5000E-01
1.5000E+00	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01	9.0304E-01	-1.6722E-01
1.7000E+00	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02	8.9650E-01	-9.9615E-02
2.0000E+00	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02	9.1205E-01	-2.9857E-02
2.5000E+00	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02	9.5692E-01	1.8313E-02
3.0000E+00	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02
3.5000E+00	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02
4.0000E+00	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03
4.5000E+00	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)
1.0000E-04	9.9157E+01	-8.3990E-03
2.0000E-04	9.8320E+01	-1.6657E-02
5.0000E-04	9.5858E+01	-4.0608E-02
1.0000E-03	9.1911E+01	-7.7927E-02
2.0000E-03	8.4630E+01	-1.4385E-01
5.0000E-03	6.7333E+01	-2.8908E-01
1.0000E-02	4.9217E+01	-4.2970E-01
1.5000E-02	3.8441E+01	-5.0966E-01
2.0000E-02	3.1432E+01	-5.6057E-01
2.5000E-02	2.6545E+01	-5.9559E-01
3.0000E-02	2.2956E+01	-6.2104E-01
3.5000E-02	2.0214E+01	-6.4031E-01
4.0000E-02	1.8053E+01	-6.5534E-01
5.0000E-02	1.4867E+01	-6.7713E-01
6.0000E-02	1.2634E+01	-6.9197E-01
8.0000E-02	9.7141E+00	-7.1023E-01
1.0000E-01	7.8908E+00	-7.2015E-01
1.5000E-01	5.3744E+00	-7.2819E-01
2.0000E-01	4.0804E+00	-7.2436E-01
3.0000E-01	2.7692E+00	-6.9867E-01
4.0000E-01	2.1180E+00	-6.5924E-01
5.0000E-01	1.7392E+00	-6.1222E-01
6.0000E-01	1.4983E+00	-5.6320E-01
7.0000E-01	1.3343E+00	-5.1553E-01
8.0000E-01	1.2159E+00	-4.6998E-01
1.0000E+00	1.0578E+00	-3.8143E-01
1.2000E+00	9.6492E-01	-2.9228E-01
1.3000E+00	9.3591E-01	-2.4848E-01
1.5000E+00	9.0388E-01	-1.6730E-01
1.7000E+00	8.9671E-01	-9.9934E-02
2.0000E+00	9.1199E-01	-2.9947E-02
2.5000E+00	9.5691E-01	1.8325E-02
3.0000E+00	9.8942E-01	2.0966E-02
3.5000E+00	1.0027E+00	1.1269E-02
4.0000E+00	1.0046E+00	3.3510E-03
4.5000E+00	1.0028E+00	-2.2743E-04
5.0000E+00	1.0010E+00	-9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)
1.0000E-04	3.1540E+01	-2.6293E-03	9.9930E+00	-6.9954E-04	3.1629E+00	2.0090E-04	1.0014E+00	1.3977E-03	3.1771E-01	4.6467E-03
2.0000E-04	3.1456E+01	-5.2447E-03	9.9860E+00	-1.3981E-03	3.1636E+00	4.0111E-04	1.0028E+00	2.7906E-03	3.1919E-01	9.2494E-03
5.0000E-04	3.1209E+01	-1.3008E-02	9.9651E+00	-3.4877E-03	3.1655E+00	9.9758E-04	1.0070E+00	6.9407E-03	3.2369E-01	2.2797E-02
1.0000E-03	3.0800E+01	-2.5676E-02	9.9302E+00	-6.9506E-03	3.1686E+00	1.9779E-03	1.0141E+00	1.3763E-02	3.3132E-01	4.4533E-02
2.0000E-03	3.0001E+01	-5.0025E-02	9.8610E+00	-1.3803E-02	3.1750E+00	3.8872E-03	1.0284E+00	2.7061E-02	3.4701E-01	8.5026E-02
5.0000E-03	2.7753E+01	-1.1583E-01	9.6563E+00	-3.3781E-02	3.1942E+00	9.2091E-03	1.0723E+00	6.4285E-02	3.9694E-01	1.8606E-01
1.0000E-02	2.4500E+01	-2.0529E-01	9.3259E+00	-6.5236E-02	3.2262E+00	1.6764E-02	1.1483E+00	1.1818E-01	4.8657E-01	3.0457E-01
1.5000E-02	2.1807E+01	-2.7536E-01	9.0093E+00	-9.4535E-02	3.2581E+00	2.2742E-02	1.2271E+00	1.6315E-01	5.8086E-01	3.8328E-01
2.0000E-02	1.9579E+01	-3.3116E-01	8.7067E+00	-1.2184E-01	3.2896E+00	2.7220E-02	1.3081E+00	2.0048E-01	6.7772E-01	4.3746E-01
2.5000E-02	1.7724E+01	-3.7635E-01	8.4182E+00	-1.4731E-01	3.3206E+00	3.0275E-02	1.3905E+00	2.3122E-01	7.7607E-01	4.7559E-01
3.0000E-02	1.6166E+01	-4.1349E-01	8.1433E+00	-1.7108E-01	3.3507E+00	3.1983E-02	1.4740E+00	2.5630E-01	8.7525E-01	5.0262E-01
3.5000E-02	1.4844E+01	-4.4445E-01	7.8819E+00	-1.9328E-01	3.3799E+00	3.2417E-02	1.5581E+00	2.7645E-01	9.7488E-01	5.2160E-01
4.0000E-02	1.3712E+01	-4.7057E-01	7.6333E+00	-2.1405E-01	3.4080E+00	3.1652E-02	1.6425E+00	2.9229E-01	1.0747E+00	5.3446E-01
5.0000E-02	1.1883E+01	-5.1199E-01	7.1724E+00	-2.5172E-01	3.4601E+00	2.6811E-02	1.8108E+00	3.1303E-01	1.2739E+00	5.4666E-01
6.0000E-02	1.0473E+01	-5.4313E-01	6.7561E+00	-2.8487E-01	3.5058E+00	1.3026E-02	1.9768E+00	3.2172E-01	1.4714E+00	5.4567E-01
8.0000E-02	8.4533E+00	-5.8613E-01	6.0385E+00	-3.4017E-01	3.5743E+00	-9.2171E-03	2.2940E+00	3.1159E-01	1.8558E+00	5.1646E-01
1.0000E-01	7.0825E+00	-6.1358E-01	5.4468E+00	-3.8403E-01	3.6084E+00	-4.5995E-02	2.5794E+00	2.7465E-01	2.2154E+00	4.6162E-01
1.5000E-01	5.0412E+00	-6.4856E-01	4.3548E+00	-4.6031E-01	3.5430E+00	-1.5723E-01	3.0723E+00	1.1677E-01	2.9059E+00	2.5939E-01
2.0000E-01	3.9207E+00	-6.6015E-01	3.6173E+00	-5.0691E-01	3.3176E+00	-2.6651E-01	3.1975E+00	-6.5280E-02	3.1763E+00	3.2697E-02
3.0000E-01	2.7341E+00	-6.5324E-01	2.6976E+00	-5.5334E-01	2.7277E+00	-4.2289E-01	2.8018E+00	-3.3456E-01	2.8490E+00	-2.9693E-01
4.0000E-01	2.1228E+00	-6.2723E-01	2.1537E+00	-5.6602E-01	2.2240E+00	-5.0121E-01	2.2872E+00	-4.6497E-01	2.3181E+00	-4.5108E-01
5.0000E-01	1.7565E+00	-5.9240E-01	1.7981E+00	-5.5935E-01	1.8547E+00	-5.3025E-01	1.8937E+00	-5.1628E-01	1.9107E+00	-5.1134E-01
6.0000E-01	1.5161E+00	-5.5363E-01	1.5505E+00	-5.3969E-01	1.5883E+00	-5.2956E-01	1.6110E+00	-5.2554E-01	1.6203E+00	-5.2428E-01
7.0000E-01	1.3477E+00	-5.1311E-01	1.3709E+00	-5.1058E-01	1.3938E+00	-5.0999E-01	1.4066E+00	-5.1044E-01	1.4117E+00	-5.1077E-01
8.0000E-01	1.2241E+00	-4.7139E-01	1.2375E+00	-4.7439E-01	1.2501E+00	-4.7794E-01	1.2569E+00	-4.8020E-01	1.2596E+00	-4.8114E-01
1.0000E+00	1.0592E+00	-3.8401E-01	1.0616E+00	-3.8837E-01	1.0637E+00	-3.9255E-01	1.0649E+00	-3.9488E-01	1.0653E+00	-3.9580E-01
1.2000E+00	9.6448E-01	-2.9342E-01	9.6373E-01	-2.9537E-01	9.6302E-01	-2.9727E-01	9.6263E-01	-2.9834E-01	9.6247E-01	-2.9877E-01
1.3000E+00	9.3537E-01	-2.4903E-01	9.3445E-01	-2.4999E-01	9.3355E-01	-2.5094E-01	9.3305E-01	-2.5149E-01	9.3285E-01	-2.5171E-01
1.5000E+00	9.0357E-01	-1.6727E-01	9.0304E-01	-1.6722E-01	9.0251E-01	-1.6718E-01	9.0221E-01	-1.6716E-01	9.0208E-01	-1.6716E-01
1.7000E+00	8.9663E-01	-9.9818E-02	8.9650E-01	-9.9615E-02	8.9636E-01	-9.9413E-02	8.9628E-01	-9.9298E-02	8.9625E-01	-9.9251E-02
2.0000E+00	9.1201E-01	-2.9915E-02	9.1205E-01	-2.9857E-02	9.1209E-01	-2.9800E-02	9.1211E-01	-2.9767E-02	9.1212E-01	-2.9753E-02
2.5000E+00	9.5691E-01	1.8321E-02	9.5692E-01	1.8313E-02	9.5692E-01	1.8305E-02	9.5692E-01	1.8300E-02	9.5692E-01	1.8299E-02
3.0000E+00	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02
3.5000E+00	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02
4.0000E+00	1.0046E+00	3.3510E-03	1.0046E+00	3.3510E-03	1.0046E+00	3.3509E-03	1.0046E+00	3.3509E-03	1.0046E+00	3.3509E-03
4.5000E+00	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E+02		SIGMA(3)/SIGMA(1)= 1.0000E+03		SIGMA(3)/SIGMA(1)= 1.0000E+04	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0149E-01	1.4622E-02	3.3141E-02	4.4818E-02	1.1581E-02	1.2858E-01
2.0000E-04	1.0301E-01	2.8816E-02	3.4720E-02	8.5636E-02	1.3306E-02	2.2510E-01
5.0000E-04	1.0768E-01	6.8958E-02	3.9746E-02	1.8788E-01	1.6940E-02	4.0279E-01
1.0000E-03	1.1580E-01	1.2848E-01	4.8785E-02	3.0923E-01	2.8948E-02	5.3860E-01
2.0000E-03	1.3303E-01	2.2485E-01	6.8131E-02	4.5088E-01	4.9577E-02	6.4218E-01
5.0000E-03	1.8933E-01	4.0186E-01	1.2929E-01	6.1094E-01	1.1229E-01	7.2182E-01
1.0000E-02	2.8924E-01	5.3570E-01	2.3337E-01	6.8708E-01	2.1717E-01	7.5063E-01
1.5000E-02	3.9165E-01	5.9810E-01	3.3797E-01	7.1405E-01	3.2211E-01	7.5854E-01
2.0000E-02	4.9495E-01	6.3219E-01	4.4268E-01	7.2588E-01	4.2704E-01	7.6017E-01
2.5000E-02	5.9861E-01	6.5198E-01	5.4741E-01	7.3064E-01	5.3196E-01	7.5861E-01
3.0000E-02	7.0240E-01	6.6333E-01	6.5211E-01	7.3124E-01	6.3683E-01	7.5491E-01
3.5000E-02	8.0618E-01	6.6908E-01	7.5674E-01	7.2895E-01	7.4163E-01	7.4953E-01
4.0000E-02	9.0987E-01	6.7080E-01	8.6123E-01	7.2446E-01	8.4631E-01	7.4270E-01
5.0000E-02	1.1166E+00	6.6548E-01	1.0696E+00	7.1020E-01	1.0551E+00	7.2517E-01
6.0000E-02	1.3217E+00	6.5147E-01	1.2766E+00	6.9011E-01	1.2626E+00	7.0291E-01
8.0000E-02	1.7232E+00	6.0433E-01	1.6826E+00	6.3521E-01	1.6699E+00	6.4532E-01
1.0000E-01	2.1030E+00	5.3737E-01	2.0683E+00	5.6342E-01	2.0574E+00	5.7189E-01
1.5000E-01	2.8547E+00	3.1356E-01	2.8389E+00	3.3176E-01	2.8340E+00	3.3763E-01
2.0000E-01	3.1744E+00	6.8823E-02	3.1745E+00	8.0835E-02	3.1746E+00	8.4695E-02
3.0000E-01	2.8681E+00	-2.8380E-01	2.8746E+00	-2.7951E-01	2.8767E+00	-2.7815E-01
4.0000E-01	2.3295E+00	-4.4643E-01	2.3332E+00	-4.4493E-01	2.3344E+00	-4.4445E-01
5.0000E-01	1.9167E+00	-5.0973E-01	1.9186E+00	-5.0922E-01	1.9193E+00	-5.0906E-01
6.0000E-01	1.6235E+00	-5.2390E-01	1.6246E+00	-5.2378E-01	1.6249E+00	-5.2374E-01
7.0000E-01	1.4135E+00	-5.1091E-01	1.4140E+00	-5.1095E-01	1.4142E+00	-5.1097E-01
8.0000E-01	1.2605E+00	-4.6147E-01	1.2608E+00	-4.8158E-01	1.2609E+00	-4.8161E-01
1.0000E+00	1.0655E+00	-3.9612E-01	1.0655E+00	-3.9622E-01	1.0656E+00	-3.9625E-01
1.2000E+00	9.6242E-01	-2.9892E-01	9.6240E-01	-2.9896E-01	9.6240E-01	-2.9898E-01
1.3000E+00	9.3278E-01	-2.5178E-01	9.3276E-01	-2.5181E-01	9.3275E-01	-2.5181E-01
1.5000E+00	9.0204E-01	-1.6715E-01	9.0203E-01	-1.6715E-01	9.0202E-01	-1.6715E-01
1.7000E+00	8.9623E-01	-9.9235E-02	8.9623E-01	-9.9230E-02	8.9623E-01	-9.9228E-02
2.0000E+00	9.1212E-01	-2.9749E-02	9.1212E-01	-2.9747E-02	9.1212E-01	-2.9747E-02
2.5000E+00	9.5692E-01	1.8298E-02	9.5692E-01	1.8298E-02	9.5692E-01	1.8298E-02
3.0000E+00	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02	9.8941E-01	2.0967E-02
3.5000E+00	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02	1.0027E+00	1.1269E-02
4.0000E+00	1.0046E+00	3.3509E-03	1.0046E+00	3.3509E-03	1.0046E+00	3.3509E-03
4.5000E+00	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2743E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8518E-04

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9226E+01	-7.7103E-03	3.1546E+01	-2.4291E-03
2.0000E-04	9.8458E+01	-1.5302E-02	3.1469E+01	-4.8464E-03
5.0000E-04	9.6193E+01	-3.7381E-02	3.1240E+01	-1.2028E-02
1.0000E-03	9.2550E+01	-7.1975E-02	3.0862E+01	-2.3765E-02
2.0000E-03	8.5777E+01	-1.3369E-01	3.0122E+01	-4.6399E-02
5.0000E-03	6.9356E+01	-2.7279E-01	2.8026E+01	-1.0807E-01
1.0000E-02	5.1562E+01	-4.1209E-01	2.4957E+01	-1.9321E-01
1.5000E-02	4.0665E+01	-4.9352E-01	2.2377E+01	-2.6107E-01
2.0000E-02	3.3452E+01	-5.4625E-01	2.0212E+01	-3.1593E-01
2.5000E-02	2.8366E+01	-5.8296E-01	1.8388E+01	-3.6093E-01
3.0000E-02	2.4601E+01	-6.0989E-01	1.6840E+01	-3.9834E-01
3.5000E-02	2.1708E+01	-6.3043E-01	1.5516E+01	-4.2983E-01
4.0000E-02	1.9418E+01	-6.4658E-01	1.4374E+01	-4.5663E-01
5.0000E-02	1.6028E+01	-6.7024E-01	1.2510E+01	-4.9964E-01
6.0000E-02	1.3641E+01	-6.8663E-01	1.1061E+01	-5.3247E-01
8.0000E-02	1.0507E+01	-7.0744E-01	8.9644E+00	-5.7877E-01
1.0000E-01	8.5430E+00	-7.1959E-01	7.5278E+00	-6.0933E-01
1.5000E-01	5.8219E+00	-7.3293E-01	5.3680E+00	-6.5137E-01
2.0000E-01	4.4168E+00	-7.3483E-01	4.1710E+00	-6.6953E-01
3.0000E-01	2.9831E+00	-7.2258E-01	2.8900E+00	-6.7493E-01
4.0000E-01	2.2584E+00	-6.9714E-01	2.2193E+00	-6.5921E-01
5.0000E-01	1.8252E+00	-6.6192E-01	1.8108E+00	-6.3080E-01
6.0000E-01	1.5413E+00	-6.1872E-01	1.5397E+00	-5.9332E-01
7.0000E-01	1.3453E+00	-5.6918E-01	1.3505E+00	-5.4915E-01
8.0000E-01	1.2060E+00	-5.1511E-01	1.2146E+00	-5.0028E-01
1.0000E+00	1.0337E+00	-4.0151E-01	1.0430E+00	-3.9588E-01
1.2000E+00	9.4674E-01	-2.9317E-01	9.5300E-01	-2.9346E-01
1.3000E+00	9.2274E-01	-2.4435E-01	9.2719E-01	-2.4613E-01
1.5000E+00	8.9924E-01	-1.6035E-01	9.0077E-01	-1.6285E-01
1.7000E+00	8.9669E-01	-9.5000E-02	8.9666E-01	-9.6735E-02
2.0000E+00	9.1349E-01	-2.8682E-02	9.1296E-01	-2.9126E-02
2.5000E+00	9.5723E-01	1.7978E-02	9.5711E-01	1.8102E-02
3.0000E+00	9.8935E-01	2.0877E-02	9.8937E-01	2.0910E-02
3.5000E+00	1.0027E+00	1.1281E-02	1.0027E+00	1.1277E-02
4.0000E+00	1.0046E+00	3.3572E-03	1.0046E+00	3.3549E-03
4.5000E+00	1.0028E+00	-2.2769E-04	1.0028E+00	-2.2760E-04
5.0000E+00	1.0010E+00	-9.8557E-04	1.0010E+00	-9.8543E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9930E+00	-6.9954E-04	3.1623E+00	-9.8976E-08	1.0007E+00	6.9934E-04	3.1700E-01	2.4289E-03	1.0078E-01	7.7101E-03
2.0000E-04	9.9860E+00	-1.3981E-03	3.1623E+00	-3.9581E-07	1.0014E+00	1.3973E-03	3.1777E-01	4.8456E-03	1.0157E-01	1.5301E-02
5.0000E-04	9.9651E+00	-3.4877E-03	3.1623E+00	-2.4720E-06	1.0035E+00	3.4828E-03	3.2010E-01	1.2023E-02	1.0396E-01	3.7376E-02
1.0000E-03	9.9302E+00	-6.9506E-03	3.1623E+00	-9.8757E-06	1.0070E+00	6.9309E-03	3.2402E-01	2.3746E-02	1.0805E-01	7.1956E-02
2.0000E-03	9.8610E+00	-1.3803E-02	3.1623E+00	-3.9405E-05	1.0141E+00	1.3724E-02	3.3199E-01	4.6321E-02	1.1658E-01	1.3362E-01
5.0000E-03	9.6563E+00	-3.3781E-02	3.1623E+00	-2.4446E-04	1.0356E+00	3.3297E-02	3.5680E-01	1.0760E-01	1.4418E-01	2.7238E-01
1.0000E-02	9.3259E+00	-6.5236E-02	3.1622E+00	-9.6565E-04	1.0722E+00	6.3340E-02	4.0063E-01	1.9145E-01	1.9390E-01	4.1063E-01
1.5000E-02	9.0093E+00	-9.4535E-02	3.1620E+00	-2.1453E-03	1.1097E+00	9.0361E-02	4.4670E-01	2.5733E-01	2.4580E-01	4.9050E-01
2.0000E-02	8.7067E+00	-1.2184E-01	3.1617E+00	-3.7653E-03	1.1479E+00	1.1458E-01	4.9434E-01	3.0960E-01	2.9873E-01	5.4117E-01
2.5000E-02	8.4182E+00	-1.4731E-01	3.1612E+00	-5.8073E-03	1.1868E+00	1.3620E-01	5.4310E-01	3.5144E-01	3.5219E-01	5.7532E-01
3.0000E-02	8.1433E+00	-1.7108E-01	3.1604E+00	-8.2532E-03	1.2260E+00	1.5541E-01	5.9265E-01	3.8516E-01	4.0595E-01	5.9921E-01
3.5000E-02	7.8819E+00	-1.9328E-01	3.1593E+00	-1.1085E-02	1.2657E+00	1.7240E-01	6.4277E-01	4.1245E-01	4.5989E-01	6.1622E-01
4.0000E-02	7.6333E+00	-2.1405E-01	3.1579E+00	-1.4285E-02	1.3056E+00	1.8731E-01	6.9330E-01	4.3456E-01	5.1392E-01	6.2834E-01
5.0000E-02	7.1724E+00	-2.5172E-01	3.1539E+00	-2.1716E-02	1.3859E+00	2.1152E-01	7.9507E-01	4.6674E-01	6.2209E-01	6.4251E-01
6.0000E-02	6.7561E+00	-2.8487E-01	3.1482E+00	-3.0405E-02	1.4662E+00	2.2907E-01	8.9724E-01	4.8685E-01	7.3015E-01	6.4745E-01
8.0000E-02	6.0385E+00	-3.4017E-01	3.1309E+00	-5.1003E-02	1.6246E+00	2.4751E-01	1.1007E+00	5.0219E-01	9.4505E-01	6.3960E-01
1.0000E-01	5.4468E+00	-3.8403E-01	3.1050E+00	-7.5009E-02	1.7766E+00	2.4803E-01	1.3004E+00	4.9470E-01	1.1567E+00	6.1557E-01
1.5000E-01	4.3548E+00	-4.6031E-01	3.0009E+00	-1.4362E-01	2.1044E+00	1.9481E-01	1.7604E+00	4.1412E-01	1.6528E+00	5.0832E-01
2.0000E-01	3.6173E+00	-5.0691E-01	2.8494E+00	-2.1483E-01	2.3213E+00	9.6131E-02	2.1167E+00	2.8186E-01	2.0527E+00	3.5718E-01
3.0000E-01	2.6976E+00	-5.5334E-01	2.4801E+00	-3.3653E-01	2.3864E+00	-1.2645E-01	2.3764E+00	-1.4181E-02	2.3797E+00	2.8800E-02
4.0000E-01	2.1537E+00	-5.6602E-01	2.1227E+00	-4.1672E-01	2.1609E+00	-2.9316E-01	2.2012E+00	-2.3450E-01	2.2199E+00	-2.1322E-01
5.0000E-01	1.7981E+00	-5.5935E-01	1.8261E+00	-4.5982E-01	1.8827E+00	-3.8994E-01	1.9191E+00	-3.6021E-01	1.9339E+00	-3.4992E-01
6.0000E-01	1.5505E+00	-5.3969E-01	1.5928E+00	-4.7518E-01	1.6405E+00	-4.3626E-01	1.6661E+00	-4.2116E-01	1.6758E+00	-4.1614E-01
7.0000E-01	1.3709E+00	-5.1058E-01	1.4120E+00	-4.7049E-01	1.4477E+00	-4.4950E-01	1.4648E+00	-4.4203E-01	1.4711E+00	-4.3963E-01
8.0000E-01	1.2375E+00	-4.7439E-01	1.2724E+00	-4.5125E-01	1.2980E+00	-4.4087E-01	1.3095E+00	-4.3754E-01	1.3136E+00	-4.3652E-01
1.0000E+00	1.0616E+00	-3.8837E-01	1.0824E+00	-3.8451E-01	1.0949E+00	-3.8417E-01	1.1000E+00	-3.8443E-01	1.1018E+00	-3.8457E-01
1.2000E+00	9.6373E-01	-2.9537E-01	9.7396E-01	-2.9892E-01	9.7948E-01	-3.0161E-01	9.8162E-01	-3.0281E-01	9.8234E-01	-3.0324E-01
1.3000E+00	9.3445E-01	-2.4999E-01	9.4098E-01	-2.5467E-01	9.4437E-01	-2.5765E-01	9.4566E-01	-2.5889E-01	9.4609E-01	-2.5933E-01
1.5000E+00	9.0304E-01	-1.6722E-01	9.0486E-01	-1.7156E-01	9.0573E-01	-1.7401E-01	9.0604E-01	-1.7499E-01	9.0614E-01	-1.7532E-01
1.7000E+00	8.9650E-01	-9.9615E-02	8.9621E-01	-1.0232E-01	8.9601E-01	-1.0380E-01	8.9592E-01	-1.0439E-01	8.9588E-01	-1.0458E-01
2.0000E+00	9.1205E-01	-2.9857E-02	9.1118E-01	-3.0540E-02	9.1069E-01	-3.0911E-02	9.1050E-01	-3.1057E-02	9.1043E-01	-3.1107E-02
2.5000E+00	9.5692E-01	1.8313E-02	9.5672E-01	1.8516E-02	9.5661E-01	1.8631E-02	9.5656E-01	1.8676E-02	9.5655E-01	1.8692E-02
3.0000E+00	9.8941E-01	2.0967E-02	9.8945E-01	2.1024E-02	9.8948E-01	2.1057E-02	9.8949E-01	2.1070E-02	9.8949E-01	2.1075E-02
3.5000E+00	1.0027E+00	1.1269E-02	1.0027E+00	1.1261E-02	1.0028E+00	1.1256E-02	1.0028E+00	1.1255E-02	1.0028E+00	1.1254E-02
4.0000E+00	1.0046E+00	3.3510E-03	1.0046E+00	3.3470E-03	1.0046E+00	3.3447E-03	1.0046E+00	3.3437E-03	1.0046E+00	3.3434E-03
4.5000E+00	1.0028E+00	-2.2743E-04	1.0028E+00	-2.2727E-04	1.0028E+00	-2.2718E-04	1.0028E+00	-2.2714E-04	1.0028E+00	-2.2712E-04
5.0000E+00	1.0010E+00	-9.8518E-04	1.0010E+00	-9.8493E-04	1.0010E+00	-9.8479E-04	1.0010E+00	-9.8473E-04	1.0010E+00	-9.8471E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.2410E-02	2.3999E-02	1.0806E-02	7.2043E-02
2.0000E-04	3.3215E-02	4.6847E-02	1.1660E-02	1.3381E-01
5.0000E-04	3.5724E-02	1.0907E-01	1.4423E-02	2.7301E-01
1.0000E-03	4.0160E-02	1.9487E-01	1.9405E-02	4.1240E-01
2.0000E-03	4.9675E-02	3.1841E-01	2.9918E-02	5.4674E-01
5.0000E-03	8.0518E-02	5.0364E-01	6.2470E-02	6.7167E-01
1.0000E-02	1.3420E-01	6.1677E-01	1.1728E-01	7.2396E-01
1.5000E-02	1.8862E-01	6.6393E-01	1.7220E-01	7.4189E-01
2.0000E-02	2.4327E-01	6.8879E-01	2.2714E-01	7.4999E-01
2.5000E-02	2.9801E-01	7.0330E-01	2.8210E-01	7.5369E-01
3.0000E-02	3.5280E-01	7.1202E-01	3.3705E-01	7.5490E-01
3.5000E-02	4.0759E-01	7.1709E-01	3.9200E-01	7.5445E-01
4.0000E-02	4.6239E-01	7.1961E-01	4.4693E-01	7.5276E-01
5.0000E-02	5.7190E-01	7.1937E-01	5.5670E-01	7.4651E-01
6.0000E-02	6.8122E-01	7.1410E-01	6.6631E-01	7.3719E-01
8.0000E-02	8.9873E-01	6.9284E-01	8.8448E-01	7.1084E-01
1.0000E-01	1.1134E+00	6.6046E-01	1.1000E+00	6.7542E-01
1.5000E-01	1.6197E+00	5.4143E-01	1.6093E+00	5.5227E-01
2.0000E-01	2.0330E+00	3.8307E-01	2.0268E+00	3.9148E-01
3.0000E-01	2.3816E+00	4.3272E-02	2.3824E+00	4.7941E-02
4.0000E-01	2.2265E+00	-2.0619E-01	2.2287E+00	-2.0394E-01
5.0000E-01	1.9390E+00	-3.4658E-01	1.9407E+00	-3.4552E-01
6.0000E-01	1.6791E+00	-4.1453E-01	1.6802E+00	-4.1402E-01
7.0000E-01	1.4732E+00	-4.3887E-01	1.4739E+00	-4.3863E-01
8.0000E-01	1.3149E+00	-4.3621E-01	1.3153E+00	-4.3611E-01
1.0000E+00	1.1024E+00	-3.8462E-01	1.1025E+00	-3.8464E-01
1.2000E+00	9.8257E-01	-3.0338E-01	9.8265E-01	-3.0343E-01
1.3000E+00	9.4623E-01	-2.5947E-01	9.4628E-01	-2.5952E-01
1.5000E+00	9.0617E-01	-1.7543E-01	9.0618E-01	-1.7547E-01
1.7000E+00	8.9587E-01	-1.0465E-01	8.9587E-01	-1.0467E-01
2.0000E+00	9.1041E-01	-3.1123E-02	9.1041E-01	-3.1128E-02
2.5000E+00	9.5654E-01	1.8697E-02	9.5654E-01	1.8698E-02
3.0000E+00	9.8949E-01	2.1076E-02	9.8949E-01	2.1077E-02
3.5000E+00	1.0028E+00	1.1254E-02	1.0028E+00	1.1254E-02
4.0000E+00	1.0046E+00	3.3433E-03	1.0046E+00	3.3433E-03
4.5000E+00	1.0028E+00	-2.2712E-04	1.0028E+00	-2.2712E-04
5.0000E+00	1.0010E+00	-9.8471E-04	1.0010E+00	-9.8470E-04

H(1)/H(2)= 2.0000E-01

V	SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9261E+01	-7.3656E-03	3.1549E+01	-2.3290E-03	9.9930E+00	-6.9954E-04
2.0000E-04	9.8527E+01	-1.4623E-02	3.1475E+01	-4.6471E-03	9.9860E+00	-1.3981E-03
5.0000E-04	9.6361E+01	-3.5759E-02	3.1256E+01	-1.1537E-02	9.9651E+00	-3.4877E-03
1.0000E-03	9.2871E+01	-6.8967E-02	3.0893E+01	-2.2807E-02	9.9302E+00	-6.9506E-03
2.0000E-03	8.6359E+01	-1.2851E-01	3.0182E+01	-4.4572E-02	9.8610E+00	-1.3803E-02
5.0000E-03	7.0406E+01	-2.6426E-01	2.8164E+01	-1.0411E-01	9.6563E+00	-3.3781E-02
1.0000E-02	5.2814E+01	-4.0260E-01	2.5191E+01	-1.8694E-01	9.3259E+00	-6.5236E-02
1.5000E-02	4.1873E+01	-4.8465E-01	2.2672E+01	-2.5353E-01	9.0093E+00	-9.4535E-02
2.0000E-02	3.4561E+01	-5.3827E-01	2.0544E+01	-3.0777E-01	8.7067E+00	-1.2184E-01
2.5000E-02	2.9373E+01	-5.7582E-01	1.8739E+01	-3.5253E-01	8.4182E+00	-1.4731E-01
3.0000E-02	2.5516E+01	-6.0348E-01	1.7199E+01	-3.8995E-01	8.1433E+00	-1.7108E-01
3.5000E-02	2.2543E+01	-6.2467E-01	1.5876E+01	-4.2159E-01	7.8819E+00	-1.9328E-01
4.0000E-02	2.0184E+01	-6.4137E-01	1.4730E+01	-4.4864E-01	7.6333E+00	-2.1405E-01
5.0000E-02	1.6682E+01	-6.6595E-01	1.2853E+01	-4.9227E-01	7.1724E+00	-2.5172E-01
6.0000E-02	1.4211E+01	-6.8305E-01	1.1385E+01	-5.2579E-01	6.7561E+00	-2.8487E-01
8.0000E-02	1.0958E+01	-7.0498E-01	9.2498E+00	-5.7345E-01	6.0385E+00	-3.4017E-01
1.0000E-01	8.9152E+00	-7.1800E-01	7.7795E+00	-6.0524E-01	5.4468E+00	-3.8403E-01
1.5000E-01	6.0800E+00	-7.3312E-01	5.5579E+00	-6.4995E-01	4.3548E+00	-4.6031E-01
2.0000E-01	4.6134E+00	-7.3671E-01	4.3211E+00	-6.7044E-01	3.6173E+00	-5.0691E-01
3.0000E-01	3.1145E+00	-7.2822E-01	2.9924E+00	-6.8025E-01	2.6976E+00	-5.5334E-01
4.0000E-01	2.3549E+00	-7.0727E-01	2.2937E+00	-6.6894E-01	2.1537E+00	-5.6602E-01
5.0000E-01	1.8986E+00	-6.7714E-01	1.8659E+00	-6.4487E-01	1.7981E+00	-5.5935E-01
6.0000E-01	1.5974E+00	-6.3926E-01	1.5802E+00	-6.1139E-01	1.5505E+00	-5.3969E-01
7.0000E-01	1.3870E+00	-5.9470E-01	1.3791E+00	-5.7044E-01	1.3709E+00	-5.1058E-01
8.0000E-01	1.2351E+00	-5.4463E-01	1.2331E+00	-5.2364E-01	1.2375E+00	-4.7439E-01
1.0000E+00	1.0419E+00	-4.3366E-01	1.0462E+00	-4.1896E-01	1.0616E+00	-3.8837E-01
1.2000E+00	9.4057E-01	-3.1955E-01	9.4703E-01	-3.1083E-01	9.6373E-01	-2.9537E-01
1.3000E+00	9.1227E-01	-2.6556E-01	9.1887E-01	-2.5951E-01	9.3445E-01	-2.4999E-01
1.5000E+00	8.8556E-01	-1.7015E-01	8.9129E-01	-1.6838E-01	9.0304E-01	-1.6722E-01
1.7000E+00	8.8496E-01	-9.5808E-02	8.8905E-01	-9.6611E-02	8.9650E-01	-9.9615E-02
2.0000E+00	9.0805E-01	-2.3778E-02	9.0967E-01	-2.5783E-02	9.1205E-01	-2.9857E-02
2.5000E+00	9.5812E-01	2.0743E-02	9.5774E-01	1.9814E-02	9.5692E-01	1.8313E-02
3.0000E+00	9.9037E-01	2.0957E-02	9.9001E-01	2.0945E-02	9.8941E-01	2.0967E-02
3.5000E+00	1.0029E+00	1.0967E-02	1.0028E+00	1.1079E-02	1.0027E+00	1.1269E-02
4.0000E+00	1.0046E+00	3.2564E-03	1.0046E+00	3.2920E-03	1.0046E+00	3.3510E-03
4.5000E+00	1.0028E+00	-2.2258E-04	1.0028E+00	-2.2439E-04	1.0028E+00	-2.2743E-04
5.0000E+00	1.0010E+00	-9.7252E-04	1.0010E+00	-9.7721E-04	1.0010E+00	-9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

H(1)/H(2)= 2.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03	
	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.1620E+00	-1.0064E-04	1.0004E+00	3.4979E-04	3.1664E-01	1.3163E-03	1.0042E-01	4.2172E-03	3.2050E-02	1.3236E-02
2.0000E-04	3.1616E+00	-2.0130E-04	1.0007E+00	6.9914E-04	3.1706E-01	2.6289E-03	1.0085E-01	8.3986E-03	3.2482E-02	2.6121E-02
5.0000E-04	3.1607E+00	-5.0342E-04	1.0018E+00	1.7445E-03	3.1832E-01	6.5446E-03	1.0214E-01	2.0731E-02	3.3810E-02	6.2769E-02
1.0000E-03	3.1591E+00	-1.0075E-03	1.0035E+00	3.4778E-03	3.2042E-01	1.2998E-02	1.0432E-01	4.0598E-02	3.6115E-02	1.1772E-01
2.0000E-03	3.1559E+00	-2.0174E-03	1.0070E+00	6.9112E-03	3.2467E-01	2.5637E-02	1.0880E-01	7.7889E-02	4.0994E-02	2.0842E-01
5.0000E-03	3.1464E+00	-5.0614E-03	1.0176E+00	1.6948E-02	3.3771E-01	6.1486E-02	1.2301E-01	1.7276E-01	5.6929E-02	3.8155E-01
1.0000E-02	3.1306E+00	-1.0181E-02	1.0356E+00	3.2816E-02	3.6031E-01	1.1491E-01	1.4850E-01	2.8827E-01	8.5322E-02	5.1955E-01
1.5000E-02	3.1149E+00	-1.5354E-02	1.0537E+00	4.7644E-02	3.8381E-01	1.6136E-01	1.7538E-01	3.6866E-01	1.1452E-01	5.8746E-01
2.0000E-02	3.0992E+00	-2.0578E-02	1.0721E+00	6.1472E-02	4.0804E-01	2.0183E-01	2.0310E-01	4.2684E-01	1.4404E-01	6.2709E-01
2.5000E-02	3.0835E+00	-2.5847E-02	1.0906E+00	7.4338E-02	4.3266E-01	2.3713E-01	2.3133E-01	4.7035E-01	1.7370E-01	6.5261E-01
3.0000E-02	3.0678E+00	-3.1160E-02	1.1094E+00	8.6280E-02	4.5816E-01	2.6800E-01	2.5991E-01	5.0373E-01	2.0345E-01	6.7005E-01
3.5000E-02	3.0522E+00	-3.6510E-02	1.1282E+00	9.7333E-02	4.8386E-01	2.9504E-01	2.8873E-01	5.2984E-01	2.3324E-01	6.8239E-01
4.0000E-02	3.0366E+00	-4.1895E-02	1.1471E+00	1.0753E-01	5.0987E-01	3.1673E-01	3.1771E-01	5.5057E-01	2.6306E-01	6.9127E-01
5.0000E-02	3.0054E+00	-5.2755E-02	1.1852E+00	1.2551E-01	5.6262E-01	3.5776E-01	3.7597E-01	5.8055E-01	3.2273E-01	7.0221E-01
6.0000E-02	2.9742E+00	-6.3709E-02	1.2234E+00	1.4047E-01	6.1604E-01	3.8773E-01	4.3445E-01	6.0000E-01	3.8241E-01	7.0720E-01
8.0000E-02	2.9117E+00	-8.5784E-02	1.2995E+00	1.6224E-01	7.2385E-01	4.2756E-01	5.5158E-01	6.1938E-01	5.0161E-01	7.0637E-01
1.0000E-01	2.8488E+00	-1.0790E-01	1.3742E+00	1.7451E-01	8.3175E-01	4.4803E-01	6.6833E-01	6.2241E-01	6.2036E-01	6.9614E-01
1.5000E-01	2.6905E+00	-1.6213E-01	1.5477E+00	1.7243E-01	1.0949E+00	4.4574E-01	9.5465E-01	5.8873E-01	9.1242E-01	6.4350E-01
2.0000E-01	2.5322E+00	-2.1292E-01	1.6909E+00	1.3669E-01	1.3363E+00	3.9563E-01	1.2233E+00	5.1753E-01	1.1886E+00	5.6202E-01
3.0000E-01	2.2283E+00	-2.9831E-01	1.8496E+00	1.3865E-02	1.6905E+00	2.2230E-01	1.6407E+00	3.1165E-01	1.6256E+00	3.4298E-01
4.0000E-01	1.9581E+00	-3.5890E-01	1.8410E+00	-1.1947E-01	1.8158E+00	2.7457E-02	1.8150E+00	8.7389E-02	1.8159E+00	1.0802E-01
5.0000E-01	1.7298E+00	-3.9608E-01	1.7297E+00	-2.2617E-01	1.7603E+00	-1.3167E-01	1.7786E+00	-9.5017E-02	1.7856E+00	-8.2634E-02
6.0000E-01	1.5424E+00	-4.1344E-01	1.5838E+00	-2.9747E-01	1.6255E+00	-2.3933E-01	1.6453E+00	-2.1791E-01	1.6524E+00	-2.1082E-01
7.0000E-01	1.3906E+00	-4.1475E-01	1.4409E+00	-3.3747E-01	1.4782E+00	-3.0244E-01	1.4942E+00	-2.9015E-01	1.4999E+00	-2.8615E-01
8.0000E-01	1.2688E+00	-4.0333E-01	1.3159E+00	-3.5308E-01	1.3454E+00	-3.3243E-01	1.3573E+00	-3.2552E-01	1.3615E+00	-3.2331E-01
1.0000E+00	1.0950E+00	-3.5337E-01	1.1277E+00	-3.3484E-01	1.1444E+00	-3.2883E-01	1.1506E+00	-3.2707E-01	1.1527E+00	-3.2653E-01
1.2000E+00	9.8985E-01	-2.8260E-01	1.0098E+00	-2.7890E-01	1.0189E+00	-2.7864E-01	1.0221E+00	-2.7874E-01	1.0232E+00	-2.7880E-01
1.3000E+00	9.5617E-01	-2.4433E-01	9.7134E-01	-2.4446E-01	9.7787E-01	-2.4549E-01	9.8015E-01	-2.4599E-01	9.8090E-01	-2.4616E-01
1.5000E+00	9.1661E-01	-1.6978E-01	9.2474E-01	-1.7346E-01	9.2797E-01	-1.7545E-01	9.2906E-01	-1.7620E-01	9.2942E-01	-1.7646E-01
1.7000E+00	9.0378E-01	-1.0496E-01	9.0756E-01	-1.0912E-01	9.0895E-01	-1.1100E-01	9.0941E-01	-1.1168E-01	9.0955E-01	-1.1190E-01
2.0000E+00	9.1369E-01	-3.4521E-02	9.1423E-01	-3.7370E-02	9.1436E-01	-3.8536E-02	9.1439E-01	-3.8939E-02	9.1440E-01	-3.9070E-02
2.5000E+00	9.5593E-01	1.6986E-02	9.5530E-01	1.6311E-02	9.5504E-01	1.6058E-02	9.5495E-01	1.5974E-02	9.5492E-01	1.5946E-02
3.0000E+00	9.8885E-01	2.1037E-02	9.8854E-01	2.1097E-02	9.8842E-01	2.1124E-02	9.8838E-01	2.1134E-02	9.8837E-01	2.1137E-02
3.5000E+00	1.0027E+00	1.1452E-02	1.0026E+00	1.1554E-02	1.0026E+00	1.1594E-02	1.0026E+00	1.1608E-02	1.0026E+00	1.1613E-02
4.0000E+00	1.0047E+00	3.4066E-03	1.0047E+00	3.4371E-03	1.0047E+00	3.4491E-03	1.0047E+00	3.4532E-03	1.0047E+00	3.4546E-03
4.5000E+00	1.0028E+00	-2.3033E-04	1.0029E+00	-2.3194E-04	1.0029E+00	-2.3258E-04	1.0029E+00	-2.3280E-04	1.0029E+00	-2.3287E-04
5.0000E+00	1.0010E+00	-9.9294E-04	1.0010E+00	-9.9731E-04	1.0010E+00	-9.9906E-04	1.0010E+00	-9.9966E-04	1.0010E+00	-9.9985E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

M(1)/H(2)= 2.0000E-01 | H(1)/M(2)= 5.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E+04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)
1.0000E-04	1.0433E-02	4.0676E-02	9.9282E+01	-7.1586E-03
2.0000E-04	1.0882E-02	7.8055E-02	9.8568E+01	-1.4215E-02
5.0000E-04	1.2305E-02	1.7325E-01	9.6462E+01	-3.4783E-02
1.0000E-03	1.4861E-02	2.8950E-01	9.3064E+01	-6.7152E-02
2.0000E-03	2.0339E-02	4.3030E-01	8.6711E+01	-1.2537E-01
5.0000E-03	3.7738E-02	5.9675E-01	7.1049E+01	-2.5901E-01
1.0000E-02	6.7438E-02	6.7977E-01	5.3592E+01	-3.9667E-01
1.5000E-02	9.7318E-02	7.1142E-01	4.2631E+01	-4.7906E-01
2.0000E-02	1.2725E-01	7.2761E-01	3.5262E+01	-5.3319E-01
2.5000E-02	1.5720E-01	7.3703E-01	3.0012E+01	-5.7124E-01
3.0000E-02	1.8716E-01	7.4279E-01	2.6098E+01	-5.9935E-01
3.5000E-02	2.1713E-01	7.4631E-01	2.3075E+01	-6.2092E-01
4.0000E-02	2.4709E-01	7.4830E-01	2.0673E+01	-6.3796E-01
5.0000E-02	3.0701E-01	7.4921E-01	1.7102E+01	-6.6308E-01
6.0000E-02	3.6691E-01	7.4727E-01	1.4577E+01	-6.8062E-01
8.0000E-02	4.8654E-01	7.3754E-01	1.1249E+01	-7.0318E-01
1.0000E-01	6.0577E-01	7.2187E-01	9.1558E+00	-7.1667E-01
1.5000E-01	8.9939E-01	6.6195E-01	6.2475E+00	-7.3269E-01
2.0000E-01	1.1779E+00	5.7676E-01	4.7417E+00	-7.3703E-01
3.0000E-01	1.6210E+00	3.5323E-01	3.2013E+00	-7.3016E-01
4.0000E-01	1.8164E+00	1.1473E-01	2.4199E+00	-7.1110E-01
5.0000E-01	1.7880E+00	-7.8635E-02	1.9499E+00	-6.8320E-01
6.0000E-01	1.6548E+00	-2.0854E-01	1.6388E+00	-6.4781E-01
7.0000E-01	1.5017E+00	-2.8488E-01	1.4207E+00	-6.0591E-01
8.0000E-01	1.3628E+00	-3.2261E-01	1.2625E+00	-5.5849E-01
1.0000E+00	1.1534E+00	-3.2637E-01	1.0586E+00	-4.5194E-01
1.2000E+00	1.0235E+00	-2.7882E-01	9.4828E-01	-3.3974E-01
1.3000E+00	9.8114E-01	-2.4622E-01	9.1612E-01	-2.8547E-01
1.5000E+00	9.2953E-01	-1.7654E-01	8.8319E-01	-1.8728E-01
1.7000E+00	9.0960E-01	-1.1197E-01	8.7860E-01	-1.0819E-01
2.0000E+00	9.1441E-01	-3.9112E-02	8.9978E-01	-2.8525E-02
2.5000E+00	9.5491E-01	1.5938E-02	9.5343E-01	2.3231E-02
3.0000E+00	9.8836E-01	2.1139E-02	9.8996E-01	2.3664E-02
3.5000E+00	1.0026E+00	1.1614E-02	1.0038E+00	1.1886E-02
4.0000E+00	1.0047E+00	3.4550E-03	1.0052E+00	3.1740E-03
4.5000E+00	1.0029E+00	-2.3289E-04	1.0029E+00	-4.5338E-04
5.0000E+00	1.0010E+00	-9.9991E-04	1.0009E+00	-1.0808E-03

V	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-04	3.1551E+01	-2.2689E-03	9.9930E+00	-6.9954E-04	3.1618E+00	-1.6097E-04
2.0000E-04	3.1479E+01	-4.5275E-03	9.9860E+00	-1.3981E-03	3.1613E+00	-3.2188E-04
5.0000E-04	3.1265E+01	-1.1242E-02	9.9651E+00	-3.4877E-03	3.1597E+00	-8.0429E-04
1.0000E-03	3.0912E+01	-2.2230E-02	9.9302E+00	-6.9506E-03	3.1572E+00	-1.6072E-03
2.0000E-03	3.0219E+01	-4.3471E-02	9.8610E+00	-1.3803E-02	3.1521E+00	-3.2089E-03
5.0000E-03	2.8247E+01	-1.0172E-01	9.6563E+00	-3.3781E-02	3.1369E+00	-7.9809E-03
1.0000E-02	2.5333E+01	-1.8311E-01	9.3259E+00	-6.5236E-02	3.1118E+00	-1.5825E-02
1.5000E-02	2.2853E+01	-2.4888E-01	9.0093E+00	-9.4535E-02	3.0869E+00	-2.3534E-02
2.0000E-02	2.0748E+01	-3.0268E-01	8.7067E+00	-1.2184E-01	3.0621E+00	-3.1111E-02
2.5000E-02	1.8956E+01	-3.4726E-01	8.4182E+00	-1.4731E-01	3.0376E+00	-3.8556E-02
3.0000E-02	1.7423E+01	-3.8464E-01	8.1433E+00	-1.7108E-01	3.0134E+00	-4.5871E-02
3.5000E-02	1.6101E+01	-4.1634E-01	7.8819E+00	-1.9328E-01	2.9893E+00	-5.3060E-02
4.0000E-02	1.4954E+01	-4.4349E-01	7.6333E+00	-2.1405E-01	2.9655E+00	-6.0123E-02
5.0000E-02	1.3068E+01	-4.8744E-01	7.1724E+00	-2.5172E-01	2.9185E+00	-7.3878E-02
6.0000E-02	1.1589E+01	-5.2132E-01	6.7561E+00	-2.8487E-01	2.8725E+00	-8.7153E-02
8.0000E-02	9.4319E+00	-5.6969E-01	6.0385E+00	-3.4017E-01	2.7831E+00	-1.1232E-01
1.0000E-01	7.9411E+00	-6.0213E-01	5.4468E+00	-3.8403E-01	2.6975E+00	-1.3572E-01
1.5000E-01	5.6816E+00	-6.4819E-01	4.3548E+00	-4.6031E-01	2.4991E+00	-1.8720E-01
2.0000E-01	4.4201E+00	-6.6981E-01	3.6173E+00	-5.0691E-01	2.3221E+00	-2.2977E-01
3.0000E-01	3.0620E+00	-6.8166E-01	2.6976E+00	-5.5334E-01	2.0243E+00	-2.9295E-01
4.0000E-01	2.3464E+00	-6.7241E-01	2.1537E+00	-5.6602E-01	1.7881E+00	-3.3290E-01
5.0000E-01	1.9074E+00	-6.5053E-01	1.7981E+00	-5.5935E-01	1.5998E+00	-3.5495E-01
6.0000E-01	1.6134E+00	-6.1932E-01	1.5505E+00	-5.3969E-01	1.4487E+00	-3.6293E-01
7.0000E-01	1.4057E+00	-5.8063E-01	1.3709E+00	-5.1058E-01	1.3269E+00	-3.5970E-01
8.0000E-01	1.2542E+00	-5.3593E-01	1.2375E+00	-4.7439E-01	1.2287E+00	-3.4754E-01
1.0000E+00	1.0582E+00	-4.3431E-01	1.0616E+00	-3.8837E-01	1.0864E+00	-3.0390E-01
1.2000E+00	9.5166E-01	-3.2688E-01	9.6373E-01	-2.9537E-01	9.9765E-01	-2.4514E-01
1.3000E+00	9.2051E-01	-2.7492E-01	9.3445E-01	-2.4999E-01	9.6833E-01	-2.1358E-01
1.5000E+00	8.8840E-01	-1.8089E-01	9.0304E-01	-1.6722E-01	9.3236E-01	-1.5175E-01
1.7000E+00	8.8359E-01	-1.0509E-01	8.9650E-01	-9.9615E-02	9.1879E-01	-9.7045E-02
2.0000E+00	9.0348E-01	-2.8487E-02	9.1205E-01	-2.9857E-02	9.2409E-01	-3.5593E-02
2.5000E+00	9.5468E-01	2.1837E-02	9.5692E-01	1.8313E-02	9.5860E-01	1.2789E-02
3.0000E+00	9.8989E-01	2.2777E-02	9.8941E-01	2.0967E-02	9.8822E-01	1.8923E-02
3.5000E+00	1.0035E+00	1.1639E-02	1.0027E+00	1.1269E-02	1.0018E+00	1.1074E-02
4.0000E+00	1.0050E+00	3.2134E-03	1.0046E+00	3.3510E-03	1.0043E+00	3.5930E-03
4.5000E+00	1.0029E+00	-3.7815E-04	1.0028E+00	-2.2743E-04	1.0028E+00	-5.7778E-05
5.0000E+00	1.0009E+00	-1.0451E-03	1.0010E+00	-9.8518E-04	1.0010E+00	-9.3198E-04

SIGMA(2)/SIGMA(1)= 1.0000E-02

M(1)/H(2)= 5.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)
1.0000E-04	1.0001E+00	1.3995E-04	3.1643E-01	6.4754E-04
2.0000E-04	1.0003E+00	2.7978E-04	3.1664E-01	1.2941E-03
5.0000E-04	1.0007E+00	6.9855E-04	3.1725E-01	3.2284E-03
1.0000E-03	1.0014E+00	1.3941E-03	3.1828E-01	6.4334E-03
2.0000E-03	1.0028E+00	2.7764E-03	3.2035E-01	1.2774E-02
5.0000E-03	1.0070E+00	6.8523E-03	3.2663E-01	3.1252E-02
1.0000E-02	1.0141E+00	1.3412E-02	3.3734E-01	6.0308E-02
1.5000E-02	1.0212E+00	1.9685E-02	3.4831E-01	8.7314E-02
2.0000E-02	1.0283E+00	2.5677E-02	3.5951E-01	1.1241E-01
2.5000E-02	1.0355E+00	3.1394E-02	3.7093E-01	1.3573E-01
3.0000E-02	1.0427E+00	3.6840E-02	3.8254E-01	1.5740E-01
3.5000E-02	1.0499E+00	4.2022E-02	3.9431E-01	1.7754E-01
4.0000E-02	1.0571E+00	4.6944E-02	4.0623E-01	1.9626E-01
5.0000E-02	1.0716E+00	5.6033E-02	4.3047E-01	2.2981E-01
6.0000E-02	1.0861E+00	6.4150E-02	4.5512E-01	2.5879E-01
8.0000E-02	1.1150E+00	7.7629E-02	5.0532E-01	3.0530E-01
1.0000E-01	1.1435E+00	8.7700E-02	5.5625E-01	3.3956E-01
1.5000E-01	1.2117E+00	9.9902E-02	6.8431E-01	3.8729E-01
2.0000E-01	1.2731E+00	9.6896E-02	8.0993E-01	3.9850E-01
3.0000E-01	1.3661E+00	5.9539E-02	1.0397E+00	3.5612E-01
4.0000E-01	1.4117E+00	-1.8001E-04	1.2189E+00	2.6537E-01
5.0000E-01	1.4120E+00	-6.4546E-02	1.3287E+00	1.5611E-01
6.0000E-01	1.3780E+00	-1.2220E-01	1.3685E+00	5.0004E-02
7.0000E-01	1.3239E+00	-1.6740E-01	1.3542E+00	-3.9526E-02
8.0000E-01	1.2614E+00	-1.9845E-01	1.3081E+00	-1.0714E-01
1.0000E+00	1.1407E+00	-2.2169E-01	1.1866E+00	-1.7986E-01
1.2000E+00	1.0465E+00	-2.0635E-01	1.0796E+00	-1.9095E-01
1.3000E+00	1.0113E+00	-1.8950E-01	1.0381E+00	-1.8183E-01
1.5000E+00	9.6281E-01	-1.4669E-01	9.7937E-01	-1.4768E-01
1.7000E+00	9.3835E-01	-1.0111E-01	9.4779E-01	-1.0530E-01
2.0000E+00	9.3231E-01	-4.3102E-02	9.3557E-01	-4.7482E-02
2.5000E+00	9.5873E-01	8.5130E-03	9.5846E-01	6.5814E-03
3.0000E+00	9.8708E-01	1.7780E-02	9.8651E-01	1.7362E-02
3.5000E+00	1.0011E+00	1.1097E-02	1.0009E+00	1.1142E-02
4.0000E+00	1.0041E+00	3.7822E-03	1.0041E+00	3.8682E-03
4.5000E+00	1.0028E+00	4.3759E-05	1.0028E+00	8.4703E-05
5.0000E+00	1.0011E+00	-9.0597E-04	1.0011E+00	-8.9662E-04

V	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+04 Q(AMP)	Q(PHASE)
1.0000E-04	1.0021E-01	2.1096E-03	3.1836E-02	6.6611E-03	1.0214E-02	2.0769E-02
2.0000E-04	1.0042E-01	4.2102E-03	3.2050E-02	1.3233E-02	1.0433E-02	4.0676E-02
5.0000E-04	1.0106E-01	1.0458E-02	3.2700E-02	3.2429E-02	1.1111E-02	9.5598E-02
1.0000E-03	1.0214E-01	2.0695E-02	3.3810E-02	6.2758E-02	1.2305E-02	1.7324E-01
2.0000E-03	1.0431E-01	4.0525E-02	3.6114E-02	1.1769E-01	1.4861E-02	2.8949E-01
5.0000E-03	1.1107E-01	9.5192E-02	4.3536E-02	2.4591E-01	2.3175E-02	4.7527E-01
1.0000E-02	1.2297E-01	1.7233E-01	5.6923E-02	3.8136E-01	3.7737E-02	5.9664E-01
1.5000E-02	1.3546E-01	2.3532E-01	7.0951E-02	4.6408E-01	5.2543E-02	6.4985E-01
2.0000E-02	1.4840E-01	2.8726E-01	8.5304E-02	5.1901E-01	6.7433E-02	6.7937E-01
2.5000E-02	1.6167E-01	3.3052E-01	9.9840E-02	5.5777E-01	8.2361E-02	6.9796E-01
3.0000E-02	1.7520E-01	3.6691E-01	1.1449E-01	5.8640E-01	9.7308E-02	7.1057E-01
3.5000E-02	1.8893E-01	3.9778E-01	1.2921E-01	6.0824E-01	1.1227E-01	7.1955E-01
4.0000E-02	2.0282E-01	4.2418E-01	1.4398E-01	6.2534E-01	1.2723E-01	7.2614E-01
5.0000E-02	2.3093E-01	4.6662E-01	1.7361E-01	6.5000E-01	1.5717E-01	7.3477E-01
6.0000E-02	2.5937E-01	4.9876E-01	2.0331E-01	6.6642E-01	1.8712E-01	7.3958E-01
8.0000E-02	3.1681E-01	5.4265E-01	2.6281E-01	6.8510E-01	2.4701E-01	7.4268E-01
1.0000E-01	3.7460E-01	5.6904E-01	3.2232E-01	6.9283E-01	3.0685E-01	7.4051E-01
1.5000E-01	5.1904E-01	5.9314E-01	4.7061E-01	6.8738E-01	4.5600E-01	7.2131E-01
2.0000E-01	6.6146E-01	5.8371E-01	6.1713E-01	6.6109E-01	6.0357E-01	6.8800E-01
3.0000E-01	9.2986E-01	5.0994E-01	8.9605E-01	5.6861E-01	8.8556E-01	5.8835E-01
4.0000E-01	1.1535E+00	3.9291E-01	1.1333E+00	4.3974E-01	1.1270E+00	4.5529E-01
5.0000E-01	1.3051E+00	2.5758E-01	1.2987E+00	2.9415E-01	1.2968E+00	3.0621E-01
6.0000E-01	1.3746E+00	1.2622E-01	1.3783E+00	1.5327E-01	1.3797E+00	1.6215E-01
7.0000E-01	1.3757E+00	1.4687E-02	1.3845E+00	3.3604E-02	1.3875E+00	3.9778E-02
8.0000E-01	1.3342E+00	-7.0250E-02	1.3442E+00	-5.7630E-02	1.3476E+00	-5.3539E-02
1.0000E+00	1.2082E+00	-1.6473E-01	1.2161E+00	-1.5979E-01	1.2186E+00	-1.5821E-01
1.2000E+00	1.0937E+00	-1.8628E-01	1.0986E+00	-1.8487E-01	1.1002E+00	-1.8443E-01
1.3000E+00	1.0491E+00	-1.7996E-01	1.0529E+00	-1.7947E-01	1.0541E+00	-1.7933E-01
1.5000E+00	9.8570E-01	-1.4871E-01	9.8783E-01	-1.4915E-01	9.8852E-01	-1.4929E-01
1.7000E+00	9.5120E-01	-1.0722E-01	9.5233E-01	-1.0791E-01	9.5269E-01	-1.0814E-01
2.0000E+00	9.3664E-01	-4.9202E-02	9.3699E-01	-4.9785E-02	9.3709E-01	-4.9974E-02
2.5000E+00	9.5832E-01	5.8948E-03	9.5827E-01	5.6695E-03	9.5825E-01	5.5975E-03
3.0000E+00	9.8630E-01	1.7227E-02	9.8623E-01	1.7184E-02	9.8621E-01	1.7171E-02
3.5000E+00	1.0008E+00	1.1163E-02	1.0007E+00	1.1171E-02	1.0007E+00	1.1173E-02
4.0000E+00	1.0041E+00	3.8991E-03	1.0041E+00	3.9092E-03	1.0041E+00	3.9124E-03
4.5000E+00	1.0028E+00	9.8741E-05	1.0028E+00	1.0330E-04	1.0028E+00	1.0475E-04
5.0000E+00	1.0011E+00	-8.9356E-04	1.0011E+00	-8.9258E-04	1.0011E+00	-8.9227E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)
1.0000E-04	9.5854E+01	-4.0642E-02	3.1205E+01	-1.3124E-02
2.0000E-04	9.1904E+01	-7.7986E-02	3.0793E+01	-2.5899E-02
5.0000E-04	8.1279E+01	-1.7308E-01	2.9593E+01	-6.2222E-02
1.0000E-03	6.7312E+01	-2.8916E-01	2.7720E+01	-1.1664E-01
2.0000E-03	4.9195E+01	-4.2953E-01	2.4447E+01	-2.0627E-01
5.0000E-03	2.6534E+01	-5.9391E-01	1.7654E+01	-3.7581E-01
1.0000E-02	1.4866E+01	-6.7072E-01	1.1827E+01	-5.0550E-01
1.5000E-02	1.0315E+01	-6.9273E-01	8.8474E+00	-5.6185E-01
2.0000E-02	7.9025E+00	-6.9590E-01	7.0657E+00	-5.8671E-01
2.5000E-02	6.4121E+00	-6.8897E-01	5.8893E+00	-5.9438E-01
3.0000E-02	5.4039E+00	-6.7516E-01	5.0597E+00	-5.9104E-01
3.5000E-02	4.6803E+00	-6.5603E-01	4.4476E+00	-5.7988E-01
4.0000E-02	4.1398E+00	-6.3252E-01	3.9814E+00	-5.6283E-01
5.0000E-02	3.4001E+00	-5.7517E-01	3.3316E+00	-5.1612E-01
6.0000E-02	2.9388E+00	-5.0849E-01	2.9201E+00	-4.5905E-01
8.0000E-02	2.4669E+00	-3.7062E-01	2.4929E+00	-3.4026E-01
1.0000E-01	2.3073E+00	-2.6219E-01	2.3421E+00	-2.4848E-01
1.5000E-01	2.2781E+00	-1.8906E-01	2.2901E+00	-1.9197E-01
2.0000E-01	2.1828E+00	-2.3918E-01	2.1823E+00	-2.4091E-01
3.0000E-01	1.8715E+00	-3.0736E-01	1.8714E+00	-3.0724E-01
4.0000E-01	1.6406E+00	-3.3350E-01	1.6406E+00	-3.3350E-01
5.0000E-01	1.4670E+00	-3.4216E-01	1.4670E+00	-3.4216E-01
6.0000E-01	1.3336E+00	-3.3761E-01	1.3336E+00	-3.3761E-01
7.0000E-01	1.2302E+00	-3.2348E-01	1.2302E+00	-3.2348E-01
8.0000E-01	1.1498E+00	-3.0251E-01	1.1498E+00	-3.0251E-01
1.0000E+00	1.0396E+00	-2.4832E-01	1.0396E+00	-2.4832E-01
1.2000E+00	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01
1.3000E+00	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

V	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)
1.0000E-04	9.9613E+00	-3.8646E-03	3.1616E+00	-2.0120E-04	1.0032E+00	3.1687E-03
2.0000E-04	9.9227E+00	-7.6947E-03	3.1610E+00	-4.0229E-04	1.0064E+00	6.3111E-03
5.0000E-04	9.8078E+00	-1.8980E-02	3.1591E+00	-1.0050E-03	1.0160E+00	1.5582E-02
1.0000E-03	9.6197E+00	-3.7124E-02	3.1559E+00	-2.0075E-03	1.0323E+00	3.0521E-02
2.0000E-03	9.2560E+00	-7.1039E-02	3.1496E+00	-4.0052E-03	1.0655E+00	5.8557E-02
5.0000E-03	8.2711E+00	-1.5611E-01	3.1306E+00	-9.9394E-03	1.1692E+00	1.2939E-01
1.0000E-02	6.9619E+00	-2.5527E-01	3.0993E+00	-1.9636E-02	1.3506E+00	2.1169E-01
1.5000E-02	5.9842E+00	-3.1810E-01	3.0683E+00	-2.9096E-02	1.5359E+00	2.6118E-01
2.0000E-02	5.2445E+00	-3.5700E-01	3.0377E+00	-3.8323E-02	1.7195E+00	2.8726E-01
2.5000E-02	4.6740E+00	-3.7941E-01	3.0074E+00	-4.7323E-02	1.8974E+00	2.9617E-01
3.0000E-02	4.2263E+00	-3.9002E-01	2.9775E+00	-5.6101E-02	2.0661E+00	2.9216E-01
3.5000E-02	3.8697E+00	-3.9195E-01	2.9480E+00	-6.4661E-02	2.2227E+00	2.7832E-01
4.0000E-02	3.5824E+00	-3.8741E-01	2.9188E+00	-7.3009E-02	2.3646E+00	2.5703E-01
5.0000E-02	3.1587E+00	-3.6519E-01	2.8616E+00	-8.9085E-02	2.5964E+00	1.9956E-01
6.0000E-02	2.8753E+00	-3.3310E-01	2.8060E+00	-1.0437E-01	2.7526E+00	1.3204E-01
8.0000E-02	2.5622E+00	-2.6471E-01	2.6993E+00	-1.3269E-01	2.8570E+00	-6.4000E-04
1.0000E-01	2.4317E+00	-2.1497E-01	2.5987E+00	-1.5826E-01	2.7806E+00	-1.0332E-01
1.5000E-01	2.3200E+00	-1.9918E-01	2.3724E+00	-2.1166E-01	2.4254E+00	-2.2408E-01
2.0000E-01	2.1809E+00	-2.4517E-01	2.1787E+00	-2.5258E-01	2.1765E+00	-2.5997E-01
3.0000E-01	1.8710E+00	-3.0693E-01	1.8702E+00	-3.0641E-01	1.8695E+00	-3.0588E-01
4.0000E-01	1.6406E+00	-3.3351E-01	1.6407E+00	-3.3352E-01	1.6408E+00	-3.3353E-01
5.0000E-01	1.4670E+00	-3.4216E-01	1.4670E+00	-3.4216E-01	1.4670E+00	-3.4217E-01
6.0000E-01	1.3336E+00	-3.3761E-01	1.3336E+00	-3.3761E-01	1.3336E+00	-3.3760E-01
7.0000E-01	1.2302E+00	-3.2348E-01	1.2302E+00	-3.2348E-01	1.2302E+00	-3.2348E-01
8.0000E-01	1.1498E+00	-3.0251E-01	1.1498E+00	-3.0251E-01	1.1498E+00	-3.0251E-01
1.0000E+00	1.0396E+00	-2.4832E-01	1.0396E+00	-2.4832E-01	1.0396E+00	-2.4832E-01
1.2000E+00	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01
1.3000E+00	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 2.0000E-02 | H(1)/H(2)= 5.0000E-02 (last column pair)

V	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)
1.0000E-04	3.1981E-01	1.1140E-02	1.0366E-01	3.4750E-02
2.0000E-04	3.2343E-01	2.2025E-02	1.0745E-01	6.7085E-02
5.0000E-04	3.3452E-01	5.3209E-02	1.1938E-01	1.5137E-01
1.0000E-03	3.5366E-01	1.0062E-01	1.4070E-01	2.5859E-01
2.0000E-03	3.9395E-01	1.8070E-01	1.8648E-01	3.9560E-01
5.0000E-03	5.2495E-01	3.3961E-01	3.3270E-01	5.6676E-01
1.0000E-02	7.5779E-01	4.6644E-01	5.8297E-01	6.4805E-01
1.5000E-02	9.9563E-01	5.1928E-01	8.3406E-01	6.6699E-01
2.0000E-02	1.2329E+00	5.3715E-01	1.0839E+00	6.6242E-01
2.5000E-02	1.4663E+00	5.3441E-01	1.3307E+00	6.4414E-01
3.0000E-02	1.6932E+00	5.1763E-01	1.5725E+00	6.1592E-01
3.5000E-02	1.9104E+00	4.9047E-01	1.8063E+00	5.7972E-01
4.0000E-02	2.1143E+00	4.5532E-01	2.0287E+00	5.3690E-01
5.0000E-02	2.4684E+00	3.6820E-01	2.4228E+00	4.3624E-01
6.0000E-02	2.7309E+00	2.6893E-01	2.7242E+00	3.2397E-01
8.0000E-02	2.9565E+00	7.5033E-02	2.9984E+00	1.0548E-01
1.0000E-01	2.8923E+00	-7.2434E-02	2.9389E+00	-6.0103E-02
1.5000E-01	2.4560E+00	-2.3120E-01	2.4685E+00	-2.3407E-01
2.0000E-01	2.1753E+00	-2.6421E-01	2.1748E+00	-2.6592E-01
3.0000E-01	1.8691E+00	-3.0557E-01	1.8690E+00	-3.0545E-01
4.0000E-01	1.6409E+00	-3.3353E-01	1.6409E+00	-3.3354E-01
5.0000E-01	1.4670E+00	-3.4217E-01	1.4670E+00	-3.4217E-01
6.0000E-01	1.3336E+00	-3.3760E-01	1.3336E+00	-3.3760E-01
7.0000E-01	1.2302E+00	-3.2348E-01	1.2302E+00	-3.2348E-01
8.0000E-01	1.1498E+00	-3.0251E-01	1.1498E+00	-3.0251E-01
1.0000E+00	1.0396E+00	-2.4832E-01	1.0396E+00	-2.4832E-01
1.2000E+00	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01
1.3000E+00	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

V	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	H(1)/H(2)= 5.0000E-02 SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)
1.0000E-04	3.5413E-02	1.0200E-01	1.4076E-02	2.5908E-01	9.7903E+01	-2.0755E-02
2.0000E-04	3.9498E-02	1.8360E-01	1.8662E-02	3.9679E-01	9.5854E+01	-4.0648E-02
5.0000E-04	5.2823E-02	3.4824E-01	3.3329E-02	5.7157E-01	9.0004E+01	-9.5532E-02
1.0000E-03	7.6684E-02	4.8930E-01	5.8498E-02	6.6407E-01	8.1276E+01	-1.7312E-01
2.0000E-03	1.2633E-01	6.0677E-01	1.0929E-01	7.2007E-01	6.7308E+01	-2.8925E-01
5.0000E-03	2.7812E-01	7.0118E-01	2.6212E-01	7.5498E-01	4.3174E+01	-4.7461E-01
1.0000E-02	5.3224E-01	7.2930E-01	5.1690E-01	7.5826E-01	2.6525E+01	-5.9497E-01
1.5000E-02	7.8607E-01	7.2600E-01	7.7134E-01	7.4618E-01	1.9058E+01	-6.4672E-01
2.0000E-02	1.0387E+00	7.0954E-01	1.0247E+00	7.2533E-01	1.4856E+01	-6.7435E-01
2.5000E-02	1.2890E+00	6.8396E-01	1.2759E+00	6.9714E-01	1.2168E+01	-6.9059E-01
3.0000E-02	1.5348E+00	6.5078E-01	1.5229E+00	6.6223E-01	1.0304E+01	-7.0043E-01
3.5000E-02	1.7733E+00	6.1092E-01	1.7629E+00	6.2111E-01	8.9353E+00	-7.0620E-01
4.0000E-02	2.0012E+00	5.6517E-01	1.9925E+00	5.7437E-01	7.8886E+00	-7.0914E-01
5.0000E-02	2.4080E+00	4.5962E-01	2.4032E+00	4.6722E-01	6.3942E+00	-7.0920E-01
6.0000E-02	2.7222E+00	3.4288E-01	2.7215E+00	3.4902E-01	5.3802E+00	-7.0377E-01
8.0000E-02	3.0130E+00	1.1595E-01	3.0178E+00	1.1936E-01	4.0980E+00	-6.8158E-01
1.0000E-01	2.9552E+00	-5.5873E-02	2.9605E+00	-5.4499E-02	3.3299E+00	-6.4835E-01
1.5000E-01	2.4727E+00	-2.3505E-01	2.4741E+00	-2.3537E-01	2.3594E+00	-5.3633E-01
2.0000E-01	2.1746E+00	-2.6651E-01	2.1746E+00	-2.6670E-01	1.9720E+00	-4.1962E-01
3.0000E-01	1.8689E+00	-3.0541E-01	1.8689E+00	-3.0539E-01	1.7484E+00	-3.0377E-01
4.0000E-01	1.6409E+00	-3.3354E-01	1.6409E+00	-3.3354E-01	1.6234E+00	-3.1335E-01
5.0000E-01	1.4670E+00	-3.4217E-01	1.4670E+00	-3.4217E-01	1.4728E+00	-3.3546E-01
6.0000E-01	1.3336E+00	-3.3760E-01	1.3336E+00	-3.3760E-01	1.3372E+00	-3.3756E-01
7.0000E-01	1.2302E+00	-3.2348E-01	1.2302E+00	-3.2348E-01	1.2308E+00	-3.2429E-01
8.0000E-01	1.1498E+00	-3.0251E-01	1.1498E+00	-3.0251E-01	1.1496E+00	-3.0282E-01
1.0000E+00	1.0396E+00	-2.4832E-01	1.0396E+00	-2.4832E-01	1.0395E+00	-2.4828E-01
1.2000E+00	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01
1.3000E+00	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5912E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 5.0000E-02

	SIGMA(3)/SIGMA(1)= 1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)= 1.0000E+00		SIGMA(3)/SIGMA(1)= 1.0000E+01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.1413E+01	-6.6166E-03	9.9803E+00	-1.9685E-03	3.1616E+00	-2.0120E-04	1.0013E+00	1.2705E-03	3.1769E-01	4.6065E-03
2.0000E-04	3.1204E+01	-1.3145E-02	9.9606E+00	-3.9285E-03	3.1610E+00	-4.0229E-04	1.0025E+00	2.5362E-03	3.1917E-01	9.1690E-03
5.0000E-04	3.0588E+01	-3.2211E-02	9.9019E+00	-9.7574E-03	3.1591E+00	-1.0050E-03	1.0064E+00	6.3057E-03	3.2363E-01	2.2596E-02
1.0000E-03	2.9590E+01	-6.2329E-02	9.8047E+00	-1.9304E-02	3.1559E+00	-2.0075E-03	1.0128E+00	1.2496E-02	3.3119E-01	4.4132E-02
2.0000E-03	2.7715E+01	-1.1686E-01	9.6135E+00	-3.7783E-02	3.1496E+00	-4.0052E-03	1.0258E+00	2.4536E-02	3.4673E-01	8.4225E-02
5.0000E-03	2.3018E+01	-2.4397E-01	9.0663E+00	-8.8610E-02	3.1306E+00	-9.9394E-03	1.0655E+00	5.8041E-02	3.9616E-01	1.8403E-01
1.0000E-02	1.7636E+01	-3.7752E-01	8.2448E+00	-1.5986E-01	3.0993E+00	-1.9636E-02	1.1339E+00	1.0586E-01	4.8473E-01	3.0027E-01
1.5000E-02	1.4171E+01	-4.5804E-01	7.5323E+00	-2.1734E-01	3.0683E+00	-2.9096E-02	1.2043E+00	1.4483E-01	5.7768E-01	3.7629E-01
2.0000E-02	1.1804E+01	-5.1036E-01	6.9173E+00	-2.6391E-01	3.0377E+00	-3.8323E-02	1.2759E+00	1.7614E-01	6.7290E-01	4.2731E-01
2.5000E-02	1.0099E+01	-5.4611E-01	6.3860E+00	-3.0181E-01	3.0074E+00	-4.7323E-02	1.3482E+00	2.0084E-01	7.6927E-01	4.6178E-01
3.0000E-02	8.8194E+00	-5.7130E-01	5.9255E+00	-3.3273E-01	2.9775E+00	-5.6101E-02	1.4206E+00	2.1979E-01	8.6608E-01	4.8466E-01
3.5000E-02	7.8257E+00	-5.8931E-01	5.5245E+00	-3.5799E-01	2.9480E+00	-6.4661E-02	1.4926E+00	2.3373E-01	9.6288E-01	4.9900E-01
4.0000E-02	7.0333E+00	-6.0215E-01	5.1735E+00	-3.7861E-01	2.9188E+00	-7.3009E-02	1.5637E+00	2.4328E-01	1.0593E+00	5.0677E-01
5.0000E-02	5.8514E+00	-6.1713E-01	4.5913E+00	-4.0888E-01	2.8616E+00	-8.9085E-02	1.7022E+00	2.5128E-01	1.2498E+00	5.0747E-01
6.0000E-02	5.0149E+00	-6.2233E-01	4.1313E+00	-4.2810E-01	2.8060E+00	-1.0437E-01	1.8333E+00	2.4720E-01	1.4351E+00	4.9344E-01
8.0000E-02	3.9164E+00	-6.1436E-01	3.4596E+00	-4.4421E-01	2.6993E+00	-1.3269E-01	2.0638E+00	2.1277E-01	1.7800E+00	4.3488E-01
1.0000E-01	3.2371E+00	-5.9070E-01	3.0023E+00	-4.4130E-01	2.5987E+00	-1.5826E-01	2.2404E+00	1.5576E-01	2.0715E+00	3.4954E-01
1.5000E-01	2.3566E+00	-4.9699E-01	2.3551E+00	-3.9633E-01	2.3724E+00	-2.1166E-01	2.4190E+00	-1.7573E-02	2.4602E+00	9.6716E-02
2.0000E-01	1.9948E+00	-3.9785E-01	2.0560E+00	-3.4424E-01	2.1787E+00	-2.5258E-01	2.3233E+00	-1.6340E-01	2.4170E+00	-1.1341E-01
3.0000E-01	1.7639E+00	-3.0395E-01	1.8024E+00	-3.0462E-01	1.8702E+00	-3.0641E-01	1.9389E+00	-3.0895E-01	1.9788E+00	-3.1074E-01
4.0000E-01	1.6256E+00	-3.1597E-01	1.6311E+00	-3.2242E-01	1.6407E+00	-3.3352E-01	1.6503E+00	-3.4444E-01	1.6558E+00	-3.5065E-01
5.0000E-01	1.4721E+00	-3.3632E-01	1.4702E+00	-3.3845E-01	1.4670E+00	-3.4216E-01	1.4638E+00	-3.4588E-01	1.4620E+00	-3.4801E-01
6.0000E-01	1.3367E+00	-3.3756E-01	1.3356E+00	-3.3758E-01	1.3336E+00	-3.3761E-01	1.3316E+00	-3.3764E-01	1.3304E+00	-3.3766E-01
7.0000E-01	1.2307E+00	-3.2418E-01	1.2305E+00	-3.2393E-01	1.2302E+00	-3.2348E-01	1.2298E+00	-3.2304E-01	1.2296E+00	-3.2278E-01
8.0000E-01	1.1497E+00	-3.0278E-01	1.1497E+00	-3.0268E-01	1.1498E+00	-3.0251E-01	1.1499E+00	-3.0234E-01	1.1500E+00	-3.0225E-01
1.0000E+00	1.0395E+00	-2.4829E-01	1.0395E+00	-2.4830E-01	1.0396E+00	-2.4832E-01	1.0396E+00	-2.4834E-01	1.0396E+00	-2.4835E-01
1.2000E+00	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01	9.7652E-01	-1.8832E-01	9.7651E-01	-1.8832E-01
1.3000E+00	9.5749E-01	-1.5912E-01	9.5749E-01	-1.5912E-01	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 5.0000E-02 (first three column groups); H(1)/H(2)= 1.0000E-01 (last two column groups)

	SIGMA(3)/SIGMA(1)= 1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04		SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0149E-01	1.4610E-02	3.3141E-02	4.4814E-02	1.1580E-02	1.2858E-01	9.8597E+01	-1.3936E-02	3.1482E+01	-4.4277E-03
2.0000E-04	1.0301E-01	2.8791E-02	3.4719E-02	8.5628E-02	1.3305E-02	2.2510E-01	9.7214E+01	-2.7484E-02	3.1343E+01	-8.8159E-03
5.0000E-04	1.0767E-01	6.8894E-02	3.9746E-02	1.8786E-01	1.8940E-02	4.0278E-01	9.3197E+01	-6.5908E-02	3.0928E+01	-2.1747E-02
1.0000E-03	1.1578E-01	1.2835E-01	4.8784E-02	3.0919E-01	2.8947E-02	5.3858E-01	8.6952E+01	-1.2320E-01	3.0249E+01	-4.2543E-02
2.0000E-03	1.3300E-01	2.2459E-01	6.8126E-02	4.5078E-01	4.9576E-02	6.4212E-01	7.6135E+01	-2.1688E-01	2.8943E+01	-8.1456E-02
5.0000E-03	1.8922E-01	4.0110E-01	1.2927E-01	6.1052E-01	1.1228E-01	7.2149E-01	5.4137E+01	-3.9239E-01	2.5453E+01	-1.7968E-01
1.0000E-02	2.8894E-01	5.3369E-01	2.3331E-01	6.8567E-01	2.1715E-01	7.4940E-01	3.5761E+01	-5.2921E-01	2.0923E+01	-2.9772E-01
1.5000E-02	3.9106E-01	5.9427E-01	3.3782E-01	7.1109E-01	3.2206E-01	7.5584E-01	2.6518E+01	-5.9570E-01	1.7619E+01	-3.7885E-01
2.0000E-02	4.9396E-01	6.2597E-01	4.4241E-01	7.2080E-01	4.2695E-01	7.5544E-01	2.1029E+01	-6.3441E-01	1.5155E+01	-4.3713E-01
2.5000E-02	5.9709E-01	6.4283E-01	5.4695E-01	7.2287E-01	5.3177E-01	7.5127E-01	1.7409E+01	-6.5943E-01	1.3266E+01	-4.8055E-01
3.0000E-02	7.0019E-01	6.5069E-01	6.5137E-01	7.2022E-01	6.3648E-01	7.4440E-01	1.4847E+01	-6.7671E-01	1.1781E+01	-5.1386E-01
3.5000E-02	8.0306E-01	6.5242E-01	7.5557E-01	7.1412E-01	7.4100E-01	7.3528E-01	1.2941E+01	-6.8917E-01	1.0588E+01	-5.4001E-01
4.0000E-02	9.0555E-01	6.4957E-01	8.5944E-01	7.0527E-01	8.4523E-01	7.2416E-01	1.1467E+01	-6.9840E-01	9.6096E+00	-5.6090E-01
5.0000E-02	1.1086E+00	6.3359E-01	1.0656E+00	6.8068E-01	1.0523E+00	6.9641E-01	9.3394E+00	-7.1060E-01	8.1053E+00	-5.9168E-01
6.0000E-02	1.3078E+00	6.0700E-01	1.2684E+00	6.4822E-01	1.2561E+00	6.6186E-01	7.8779E+00	-7.1751E-01	7.0057E+00	-6.1256E-01
8.0000E-02	1.6846E+00	5.3001E-01	1.6544E+00	5.6347E-01	1.6449E+00	5.7443E-01	6.0020E+00	-7.2225E-01	5.5106E+00	-6.3659E-01
1.0000E-01	2.0128E+00	4.2994E-01	1.9939E+00	4.5786E-01	1.9880E+00	4.6696E-01	4.8507E+00	-7.1966E-01	4.5448E+00	-6.4654E-01
1.5000E-01	2.4798E+00	1.4313E-01	2.4870E+00	1.5914E-01	2.4894E+00	1.6435E-01	3.2917E+00	-6.9463E-01	3.1773E+00	-6.3945E-01
2.0000E-01	2.4571E+00	-9.3519E-02	2.4712E+00	-8.6706E-02	2.4758E+00	-8.4494E-02	2.5139E+00	-6.5212E-01	2.4698E+00	-6.0729E-01
3.0000E-01	1.9950E+00	-3.1153E-01	2.0006E+00	-3.1181E-01	2.0024E+00	-3.1190E-01	1.7840E+00	-5.3881E-01	1.7902E+00	-5.1031E-01
4.0000E-01	1.6580E+00	-3.5314E-01	1.6587E+00	-3.5399E-01	1.6590E+00	-3.5427E-01	1.4921E+00	-4.2810E-01	1.5090E+00	-4.1519E-01
5.0000E-01	1.4613E+00	-3.4887E-01	1.4610E+00	-3.4917E-01	1.4609E+00	-3.4927E-01	1.3632E+00	-3.5555E-01	1.3763E+00	-3.5339E-01
6.0000E-01	1.3299E+00	-3.3766E-01	1.3298E+00	-3.3767E-01	1.3297E+00	-3.3767E-01	1.2846E+00	-3.2092E-01	1.2910E+00	-3.2303E-01
7.0000E-01	1.2295E+00	-3.2267E-01	1.2295E+00	-3.2264E-01	1.2295E+00	-3.2263E-01	1.2156E+00	-3.0449E-01	1.2175E+00	-3.0698E-01
8.0000E-01	1.1500E+00	-3.0221E-01	1.1500E+00	-3.0219E-01	1.1500E+00	-3.0219E-01	1.1501E+00	-2.9022E-01	1.1501E+00	-2.9181E-01
1.0000E+00	1.0396E+00	-2.4835E-01	1.0396E+00	-2.4835E-01	1.0396E+00	-2.4835E-01	1.0432E+00	-2.4690E-01	1.0427E+00	-2.4708E-01
1.2000E+00	9.7651E-01	-1.8832E-01	9.7651E-01	-1.8832E-01	9.7651E-01	-1.8832E-01	9.7733E-01	-1.8914E-01	9.7722E-01	-1.8903E-01
1.3000E+00	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01	9.5749E-01	-1.5911E-01	9.5761E-01	-1.5975E-01	9.5760E-01	-1.5967E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3707E-01	-1.0616E-01	9.3692E-01	-1.0627E-01	9.3694E-01	-1.0626E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3292E-01	-6.3168E-02	9.3287E-01	-6.3134E-02	9.3288E-01	-6.3138E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8934E-02	9.4325E-01	-1.8927E-02	9.4325E-01	-1.8928E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 1.0000E-01

	SIGMA(3)/SIGMA(1)= 1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)= 1.0000E+02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9866E+00	-1.3345E-03	3.1616E+00	-2.0120E-04	1.0006E+00	6.3572E-04	3.1699E-01	2.4088E-03	1.0078E-01	7.7038E-03
2.0000E-04	9.9733E+00	-2.6653E-03	3.1610E+00	-4.0229E-04	1.0013E+00	1.2701E-03	3.1776E-01	4.8054E-03	1.0156E-01	1.5288E-02
5.0000E-04	9.9334E+00	-6.6348E-03	3.1591E+00	-1.0050E-03	1.0032E+00	3.1651E-03	3.2007E-01	1.1923E-02	1.0395E-01	3.7345E-02
1.0000E-03	9.8673E+00	-1.3176E-02	3.1559E+00	-2.0075E-03	1.0064E+00	6.2968E-03	3.2395E-01	2.3546E-02	1.0804E-01	7.1893E-02
2.0000E-03	9.7364E+00	-2.5981E-02	3.1496E+00	-4.0052E-03	1.0128E+00	1.2460E-02	3.3185E-01	4.5922E-02	1.1657E-01	1.3350E-01
5.0000E-03	9.3554E+00	-6.2276E-02	3.1306E+00	-9.9394E-03	1.0323E+00	3.0169E-02	3.5645E-01	1.0661E-01	1.4413E-01	2.7205E-01
1.0000E-02	8.7613E+00	-1.1629E-01	3.0993E+00	-1.9636E-02	1.0654E+00	5.7185E-02	3.9984E-01	1.8947E-01	1.9379E-01	4.0990E-01
1.5000E-02	8.2188E+00	-1.6322E-01	3.0683E+00	-2.9096E-02	1.0992E+00	8.1262E-02	4.4541E-01	2.5430E-01	2.4561E-01	4.8923E-01
2.0000E-02	7.7258E+00	-2.0410E-01	3.0377E+00	-3.8323E-02	1.1335E+00	1.0261E-01	4.9249E-01	3.0544E-01	2.9842E-01	5.3923E-01
2.5000E-02	7.2790E+00	-2.3981E-01	3.0074E+00	-4.7323E-02	1.1682E+00	1.2142E-01	5.4060E-01	3.4606E-01	3.5174E-01	5.7258E-01
3.0000E-02	6.8741E+00	-2.7110E-01	2.9775E+00	-5.6101E-02	1.2032E+00	1.3787E-01	5.8943E-01	3.7846E-01	4.0534E-01	5.9554E-01
3.5000E-02	6.5070E+00	-2.9861E-01	2.9480E+00	-6.4661E-02	1.2383E+00	1.5214E-01	6.3874E-01	4.0432E-01	4.5908E-01	6.1148E-01
4.0000E-02	6.1736E+00	-3.2286E-01	2.9188E+00	-7.3009E-02	1.2735E+00	1.6437E-01	6.8837E-01	4.2489E-01	5.1289E-01	6.2241E-01
5.0000E-02	5.5935E+00	-3.6327E-01	2.8616E+00	-8.9085E-02	1.3436E+00	1.8333E-01	7.8806E-01	4.5368E-01	6.2046E-01	6.3379E-01
6.0000E-02	5.1086E+00	-3.9508E-01	2.8060E+00	-1.0437E-01	1.4128E+00	1.9574E-01	8.8767E-01	4.6996E-01	7.2771E-01	6.3545E-01
8.0000E-02	4.3503E+00	-4.4014E-01	2.6993E+00	-1.3269E-01	1.5461E+00	2.0434E-01	1.0843E+00	4.7653E-01	9.3997E-01	6.1958E-01
1.0000E-01	3.7896E+00	-4.6809E-01	2.5987E+00	-1.5826E-01	1.6688E+00	1.9578E-01	1.2738E+00	4.5902E-01	1.1467E+00	5.8580E-01
1.5000E-01	2.8851E+00	-4.9486E-01	2.3724E+00	-2.1166E-01	1.9069E+00	1.2574E-01	1.6867E+00	3.5143E-01	1.6115E+00	4.4951E-01
2.0000E-01	2.3606E+00	-4.8839E-01	2.1787E+00	-2.5258E-01	2.0249E+00	2.2835E-02	1.9587E+00	1.9829E-01	1.9381E+00	2.7207E-01
3.0000E-01	1.8114E+00	-4.3780E-01	1.8702E+00	-3.0641E-01	1.9622E+00	-1.7062E-01	2.0324E+00	-9.1724E-02	2.0646E+00	-5.9889E-02
4.0000E-01	1.5537E+00	-3.8413E-01	1.6407E+00	-3.3352E-01	1.7400E+00	-2.8761E-01	1.8028E+00	-2.6346E-01	1.8293E+00	-2.5420E-01
5.0000E-01	1.4090E+00	-3.4863E-01	1.4670E+00	-3.4216E-01	1.5261E+00	-3.3788E-01	1.5606E+00	-3.3634E-01	1.5746E+00	-3.3591E-01
6.0000E-01	1.3067E+00	-3.2831E-01	1.3336E+00	-3.3761E-01	1.3599E+00	-3.4702E-01	1.3747E+00	-3.5248E-01	1.3807E+00	-3.5469E-01
7.0000E-01	1.2222E+00	-3.1307E-01	1.2302E+00	-3.2348E-01	1.2380E+00	-3.3365E-01	1.2424E+00	-3.3940E-01	1.2442E+00	-3.4169E-01
8.0000E-01	1.1500E+00	-2.9575E-01	1.1498E+00	-3.0251E-01	1.1497E+00	-3.0918E-01	1.1496E+00	-3.1297E-01	1.1496E+00	-3.1449E-01
1.0000E+00	1.0416E+00	-2.4753E-01	1.0396E+00	-2.4832E-01	1.0376E+00	-2.4911E-01	1.0364E+00	-2.4958E-01	1.0360E+00	-2.4977E-01
1.2000E+00	9.7697E-01	-1.8877E-01	9.7652E-01	-1.8832E-01	9.7607E-01	-1.8787E-01	9.7581E-01	-1.8761E-01	9.7571E-01	-1.8750E-01
1.3000E+00	9.5756E-01	-1.5946E-01	9.5749E-01	-1.5911E-01	9.5742E-01	-1.5876E-01	9.5738E-01	-1.5856E-01	9.5736E-01	-1.5848E-01
1.5000E+00	9.3699E-01	-1.0622E-01	9.3707E-01	-1.0616E-01	9.3716E-01	-1.0610E-01	9.3721E-01	-1.0606E-01	9.3723E-01	-1.0604E-01
1.7000E+00	9.3289E-01	-6.3149E-02	9.3292E-01	-6.3168E-02	9.3295E-01	-6.3186E-02	9.3296E-01	-6.3197E-02	9.3297E-01	-6.3202E-02
2.0000E+00	9.4324E-01	-1.8930E-02	9.4324E-01	-1.8934E-02	9.4324E-01	-1.8939E-02	9.4323E-01	-1.8941E-02	9.4323E-01	-1.8942E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7243E-01	1.1624E-02	9.7243E-01	1.1625E-02	9.7243E-01	1.1625E-02	9.7243E-01	1.1625E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 1.0000E-01 (first two column groups); H(1)/H(2)= 2.0000E-01 (last three column groups)

	SIGMA(3)/SIGMA(1)= 1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04		SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)= 1.0000E-02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.2410E-02	2.3997E-02	1.0806E-02	7.2042E-02	9.8945E+01	-1.0491E-02	3.1517E+01	-3.3295E-03	9.9898E+00	-1.0172E-03
2.0000E-04	3.3215E-02	4.6843E-02	1.1660E-02	1.3381E-01	9.7902E+01	-2.0761E-02	3.1412E+01	-6.6368E-03	9.9797E+00	-2.0322E-03
5.0000E-04	3.5723E-02	1.0906E-01	1.4423E-02	2.7301E-01	9.4846E+01	-5.0299E-02	3.1099E+01	-1.6426E-02	9.9492E+00	-5.0643E-03
1.0000E-03	4.0160E-02	1.9485E-01	1.9405E-02	4.1240E-01	9.0001E+01	-9.5564E-02	3.0585E+01	-3.2311E-02	9.8987E+00	-1.0075E-02
2.0000E-03	4.9673E-02	3.1837E-01	2.9918E-02	5.4672E-01	8.1271E+01	-1.7318E-01	2.9584E+01	-6.2531E-02	9.7985E+00	-1.9939E-02
5.0000E-03	8.0511E-02	5.0351E-01	6.2469E-02	6.7158E-01	6.1754E+01	-3.3344E-01	2.6824E+01	-1.4206E-01	9.5044E+00	-4.8308E-02
1.0000E-02	1.3418E-01	6.1637E-01	1.1727E-01	7.2365E-01	4.3162E+01	-4.7504E-01	2.2995E+01	-2.4502E-01	9.0376E+00	-9.1771E-02
1.5000E-02	1.8858E-01	6.6313E-01	1.7219E-01	7.4122E-01	3.2904E+01	-5.5017E-01	1.9986E+01	-3.2150E-01	8.6006E+00	-1.3091E-01
2.0000E-02	2.4320E-01	6.8745E-01	2.2712E-01	7.4881E-01	2.6511E+01	-5.9615E-01	1.7603E+01	-3.7985E-01	8.1932E+00	-1.6620E-01
2.5000E-02	2.9791E-01	7.0128E-01	2.8207E-01	7.5189E-01	2.2173E+01	-6.2699E-01	1.5691E+01	-4.2548E-01	7.8143E+00	-1.9809E-01
3.0000E-02	3.5264E-01	7.0919E-01	3.3700E-01	7.5233E-01	1.9043E+01	-6.4901E-01	1.4132E+01	-4.6195E-01	7.4624E+00	-2.2695E-01
3.5000E-02	4.0737E-01	7.1331E-01	3.9192E-01	7.5097E-01	1.6683E+01	-6.6543E-01	1.2843E+01	-4.9164E-01	7.1358E+00	-2.5313E-01
4.0000E-02	4.6209E-01	7.1476E-01	4.4681E-01	7.4824E-01	1.4840E+01	-6.7808E-01	1.1762E+01	-5.1619E-01	6.8327E+00	-2.7693E-01
5.0000E-02	5.7136E-01	7.1196E-01	5.5645E-01	7.3951E-01	1.2152E+01	-6.9612E-01	1.0055E+01	-5.5418E-01	6.2893E+00	-3.1839E-01
6.0000E-02	6.8031E-01	7.0360E-01	6.6581E-01	7.2717E-01	1.0287E+01	-7.0809E-01	8.7729E+00	-5.8193E-01	5.8187E+00	-3.5306E-01
8.0000E-02	8.9631E-01	6.7464E-01	8.8281E-01	6.9324E-01	7.8701E+00	-7.2210E-01	6.9830E+00	-6.1887E-01	5.0502E+00	-4.0698E-01
1.0000E-01	1.1076E+00	6.3268E-01	1.0954E+00	6.4830E-01	6.3729E+00	-7.2880E-01	5.7969E+00	-6.4116E-01	4.4542E+00	-4.4601E-01
1.5000E-01	1.5876E+00	4.8418E-01	1.5801E+00	4.9555E-01	4.3213E+00	-7.3013E-01	4.0702E+00	-6.6545E-01	3.4347E+00	-5.0389E-01
2.0000E-01	1.9318E+00	2.9782E-01	1.9299E+00	3.0623E-01	3.2731E+00	-7.1951E-01	3.1414E+00	-6.6715E-01	2.7993E+00	-5.2908E-01
3.0000E-01	2.0763E+00	-4.8935E-02	2.0801E+00	-4.5374E-02	2.2175E+00	-6.7703E-01	2.1742E+00	-6.3781E-01	2.0643E+00	-5.3112E-01
4.0000E-01	1.8386E+00	-2.5107E-01	1.8416E+00	-2.5006E-01	1.7002E+00	-6.1459E-01	1.6889E+00	-5.8359E-01	1.6647E+00	-5.0059E-01
5.0000E-01	1.5794E+00	-3.3578E-01	1.5810E+00	-3.3574E-01	1.4090E+00	-5.3966E-01	1.4122E+00	-5.1610E-01	1.4249E+00	-4.5528E-01
6.0000E-01	1.3827E+00	-3.5546E-01	1.3834E+00	-3.5570E-01	1.2367E+00	-4.6082E-01	1.2461E+00	-4.4482E-01	1.2731E+00	-4.0521E-01
7.0000E-01	1.2448E+00	-3.4248E-01	1.2450E+00	-3.4274E-01	1.1337E+00	-3.8669E-01	1.1446E+00	-3.7774E-01	1.1735E+00	-3.5656E-01
8.0000E-01	1.1496E+00	-3.1501E-01	1.1496E+00	-3.1518E-01	1.0716E+00	-3.2320E-01	1.0812E+00	-3.1984E-01	1.1056E+00	-3.1241E-01
1.0000E+00	1.0358E+00	-2.4983E-01	1.0358E+00	-2.4985E-01	1.0065E+00	-2.3193E-01	1.0109E+00	-2.3393E-01	1.0216E+00	-2.3902E-01
1.2000E+00	9.7567E-01	-1.8747E-01	9.7566E-01	-1.8745E-01	9.7067E-01	-1.7183E-01	9.7146E-01	-1.7399E-01	9.7338E-01	-1.7930E-01
1.3000E+00	9.5736E-01	-1.5845E-01	9.5735E-01	-1.5844E-01	9.5776E-01	-1.4695E-01	9.5773E-01	-1.4855E-01	9.5765E-01	-1.5246E-01
1.5000E+00	9.3723E-01	-1.0604E-01	9.3724E-01	-1.0604E-01	9.4086E-01	-1.0195E-01	9.4036E-01	-1.0249E-01	9.3915E-01	-1.0384E-01
1.7000E+00	9.3297E-01	-6.3203E-02	9.3297E-01	-6.3204E-02	9.3552E-01	-6.2964E-02	9.3518E-01	-6.2988E-02	9.3435E-01	-6.3051E-02
2.0000E+00	9.4323E-01	-1.8942E-02	9.4323E-01	-1.8942E-02	9.4370E-01	-1.9726E-02	9.4364E-01	-1.9624E-02	9.4349E-01	-1.9371E-02
2.5000E+00	9.7243E-01	1.1625E-02	9.7243E-01	1.1625E-02	9.7229E-01	1.1581E-02	9.7231E-01	1.1586E-02	9.7235E-01	1.1600E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9326E-01	1.3313E-02	9.9326E-01	1.3337E-02	9.9326E-01	1.3334E-02	9.9326E-01	1.3326E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1550E-03	1.0017E+00	7.1542E-03	1.0017E+00	7.1543E-03	1.0017E+00	7.1546E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1276E-03	1.0029E+00	2.1271E-03	1.0029E+00	2.1272E-03	1.0029E+00	2.1273E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4434E-04	1.0018E+00	-1.4435E-04	1.0018E+00	-1.4437E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2552E-04	1.0006E+00	-6.2552E-04	1.0006E+00	-6.2552E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 2.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+03 Q(AMP)	Q(PHASE)
1.0000E-04	3.1616E+00	-2.0120E-04	1.0003E+00	3.1798E-04	3.1664E-01	1.3063E-03	1.0042E-01	4.2140E-03	3.2050E-02	1.3235E-02
2.0000E-04	3.1610E+00	-4.0229E-04	1.0006E+00	6.3554E-04	3.1706E-01	2.6088E-03	1.0085E-01	8.3923E-03	3.2482E-02	2.6119E-02
5.0000E-04	3.1591E+00	-1.0050E-03	1.0016E+00	1.5857E-03	3.1830E-01	6.4946E-03	1.0214E-01	2.0715E-02	3.3810E-02	6.2764E-02
1.0000E-03	3.1559E+00	-2.0075E-03	1.0032E+00	3.1607E-03	3.2039E-01	1.2898E-02	1.0432E-01	4.0567E-02	3.6114E-02	1.1771E-01
2.0000E-03	3.1496E+00	-4.0052E-03	1.0064E+00	6.2789E-03	3.2461E-01	2.5437E-02	1.0879E-01	7.7827E-02	4.0993E-02	2.0840E-01
5.0000E-03	3.1306E+00	-9.9394E-03	1.0160E+00	1.5382E-02	3.3754E-01	6.0994E-02	1.2299E-01	1.7260E-01	5.6926E-02	3.8150E-01
1.0000E-02	3.0993E+00	-1.9636E-02	1.0323E+00	2.9733E-02	3.5995E-01	1.1394E-01	1.4846E-01	2.8796E-01	8.5315E-02	5.1942E-01
1.5000E-02	3.0683E+00	-2.9096E-02	1.0487E+00	4.3091E-02	3.8324E-01	1.5992E-01	1.7531E-01	3.6817E-01	1.1451E-01	5.8723E-01
2.0000E-02	3.0377E+00	-3.8323E-02	1.0653E+00	5.5492E-02	4.0724E-01	1.9992E-01	2.0299E-01	4.2615E-01	1.4402E-01	6.2672E-01
2.5000E-02	3.0074E+00	-4.7323E-02	1.0820E+00	6.6974E-02	4.3182E-01	2.3475E-01	2.3118E-01	4.6942E-01	1.7367E-01	6.5207E-01
3.0000E-02	2.9775E+00	-5.6101E-02	1.0989E+00	7.7572E-02	4.5686E-01	2.6513E-01	2.5971E-01	5.0254E-01	2.0341E-01	6.6931E-01
3.5000E-02	2.9480E+00	-6.4661E-02	1.1158E+00	8.7320E-02	4.8227E-01	2.9166E-01	2.8847E-01	5.2837E-01	2.3318E-01	6.8141E-01
4.0000E-02	2.9188E+00	-7.3009E-02	1.1327E+00	9.6251E-02	5.0798E-01	3.1484E-01	3.1739E-01	5.4878E-01	2.6298E-01	6.9003E-01
5.0000E-02	2.8616E+00	-8.9085E-02	1.1667E+00	1.1179E-01	5.6006E-01	3.5277E-01	3.7550E-01	5.7803E-01	3.2261E-01	7.0035E-01
6.0000E-02	2.8060E+00	-1.0437E-01	1.2006E+00	1.2445E-01	6.1272E-01	3.8157E-01	4.3381E-01	5.9662E-01	3.8223E-01	7.0460E-01
8.0000E-02	2.6993E+00	-1.3269E-01	1.2676E+00	1.4198E-01	7.1872E-01	4.1880E-01	5.5045E-01	6.1395E-01	5.0125E-01	7.0193E-01
1.0000E-01	2.5987E+00	-1.5826E-01	1.3324E+00	1.5049E-01	8.2433E-01	4.3637E-01	6.6649E-01	6.1449E-01	6.1968E-01	6.8938E-01
1.5000E-01	2.3724E+00	-2.1166E-01	1.4782E+00	1.4111E-01	1.0789E+00	4.2580E-01	9.4923E-01	5.7287E-01	9.0954E-01	6.2904E-01
2.0000E-01	2.1787E+00	-2.5258E-01	1.5907E+00	1.0143E-01	1.3061E+00	3.6698E-01	1.2096E+00	4.9212E-01	1.1794E+00	5.3787E-01
3.0000E-01	1.8702E+00	-3.0641E-01	1.6926E+00	-1.7997E-02	1.6124E+00	1.8187E-01	1.5874E+00	2.6964E-01	1.5799E+00	3.0077E-01
4.0000E-01	1.6407E+00	-3.3352E-01	1.6535E+00	-1.3600E-01	1.6856E+00	-9.4022E-03	1.7050E+00	4.4004E-02	1.7127E+00	6.2672E-02
5.0000E-01	1.4670E+00	-3.4216E-01	1.5417E+00	-2.2251E-01	1.6034E+00	-1.5250E-01	1.6328E+00	-1.2431E-01	1.6435E+00	-1.1463E-01
6.0000E-01	1.3336E+00	-3.3761E-01	1.4132E+00	-2.7377E-01	1.4685E+00	-2.3975E-01	1.4930E+00	-2.2671E-01	1.5017E+00	-2.2233E-01
7.0000E-01	1.2302E+00	-3.2348E-01	1.2949E+00	-2.9587E-01	1.3357E+00	-2.8270E-01	1.3528E+00	-2.7798E-01	1.3588E+00	-2.7644E-01
8.0000E-01	1.1498E+00	-3.0251E-01	1.1960E+00	-2.9641E-01	1.2232E+00	-2.9457E-01	1.2343E+00	-2.9417E-01	1.2381E+00	-2.9408E-01
1.0000E+00	1.0396E+00	-2.4832E-01	1.0567E+00	-2.5807E-01	1.0662E+00	-2.6385E-01	1.0700E+00	-2.6621E-01	1.0713E+00	-2.6703E-01
1.2000E+00	9.7652E-01	-1.8832E-01	9.7942E-01	-1.9709E-01	9.8099E-01	-2.0202E-01	9.8160E-01	-2.0399E-01	9.8181E-01	-2.0466E-01
1.3000E+00	9.5749E-01	-1.5911E-01	9.5729E-01	-1.6557E-01	9.5715E-01	-1.6920E-01	9.5710E-01	-1.7065E-01	9.5708E-01	-1.7114E-01
1.5000E+00	9.3707E-01	-1.0616E-01	9.3505E-01	-1.0844E-01	9.3391E-01	-1.0974E-01	9.3346E-01	-1.1026E-01	9.3330E-01	-1.1044E-01
1.7000E+00	9.3292E-01	-6.3168E-02	9.3150E-01	-6.3295E-02	9.3070E-01	-6.3373E-02	9.3037E-01	-6.3405E-02	9.3026E-01	-6.3416E-02
2.0000E+00	9.4324E-01	-1.8934E-02	9.4298E-01	-1.8500E-02	9.4284E-01	-1.8251E-02	9.4278E-01	-1.8150E-02	9.4276E-01	-1.8116E-02
2.5000E+00	9.7243E-01	1.1624E-02	9.7250E-01	1.1649E-02	9.7255E-01	1.1663E-02	9.7257E-01	1.1668E-02	9.7257E-01	1.1670E-02
3.0000E+00	9.9326E-01	1.3313E-02	9.9327E-01	1.3299E-02	9.9327E-01	1.3292E-02	9.9327E-01	1.3289E-02	9.9327E-01	1.3288E-02
3.5000E+00	1.0017E+00	7.1550E-03	1.0017E+00	7.1555E-03	1.0017E+00	7.1557E-03	1.0017E+00	7.1558E-03	1.0017E+00	7.1559E-03
4.0000E+00	1.0029E+00	2.1276E-03	1.0029E+00	2.1280E-03	1.0029E+00	2.1281E-03	1.0029E+00	2.1282E-03	1.0029E+00	2.1282E-03
4.5000E+00	1.0018E+00	-1.4441E-04	1.0018E+00	-1.4444E-04	1.0018E+00	-1.4446E-04	1.0018E+00	-1.4447E-04	1.0018E+00	-1.4448E-04
5.0000E+00	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2553E-04	1.0006E+00	-6.2554E-04	1.0006E+00	-6.2554E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

V	H(1)/H(2)= 2.0000E-01 SIGMA(3)/SIGMA(1)= 1.0000E+04 Q(AMP)	Q(PHASE)	H(1)/H(2)= 5.0000E-01 SIGMA(3)/SIGMA(1)= 1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-04	1.0433E-02	4.0676E-02	9.9155E+01	-8.4116E-03	3.1538E+01	-2.6694E-03	9.9917E+00	-8.2661E-04	3.1616E+00	-2.0120E-04
2.0000E-04	1.0882E-02	7.8055E-02	9.8318E+01	-1.6682E-02	3.1454E+01	-5.3245E-03	9.9835E+00	-1.6518E-03	3.1610E+00	-4.0229E-04
5.0000E-04	1.2305E-02	1.7325E-01	9.5852E+01	-4.0667E-02	3.1202E+01	-1.3205E-02	9.9587E+00	-4.1191E-03	3.1591E+00	-1.0050E-03
1.0000E-03	1.4861E-02	2.8950E-01	9.1900E+01	-7.8037E-02	3.0788E+01	-2.6060E-02	9.9176E+00	-8.2034E-03	3.1559E+00	-2.0075E-03
2.0000E-03	2.0339E-02	4.3030E-01	8.4609E+01	-1.4404E-01	2.9977E+01	-5.0761E-02	9.8359E+00	-1.6269E-02	3.1496E+00	-4.0052E-03
5.0000E-03	3.7738E-02	5.9673E-01	6.7296E+01	-2.8943E-01	2.7698E+01	-1.1745E-01	9.5952E+00	-3.9660E-02	3.1306E+00	-9.9394E-03
1.0000E-02	6.7436E-02	6.7969E-01	4.9173E+01	-4.3018E-01	2.4408E+01	-2.0794E-01	9.2091E+00	-7.6101E-02	3.0993E+00	-1.9636E-02
1.5000E-02	9.7315E-02	7.1125E-01	3.8397E+01	-5.1024E-01	2.1692E+01	-2.7870E-01	8.8425E+00	-1.0960E-01	3.0683E+00	-2.9096E-02
2.0000E-02	1.2724E-01	7.2733E-01	3.1390E+01	-5.6125E-01	1.9451E+01	-3.3499E-01	8.4956E+00	-1.4042E-01	3.0377E+00	-3.8323E-02
2.5000E-02	1.5719E-01	7.3659E-01	2.6506E+01	-5.9639E-01	1.7588E+01	-3.8055E-01	8.1680E+00	-1.6882E-01	3.0074E+00	-4.7323E-02
3.0000E-02	1.8715E-01	7.4217E-01	2.2919E+01	-6.2198E-01	1.6026E+01	-4.1800E-01	7.8591E+00	-1.9500E-01	2.9775E+00	-5.6101E-02
3.5000E-02	2.1711E-01	7.4547E-01	2.0178E+01	-6.4139E-01	1.4703E+01	-4.4924E-01	7.5681E+00	-2.1918E-01	2.9480E+00	-6.4661E-02
4.0000E-02	2.4707E-01	7.4723E-01	1.8019E+01	-6.5657E-01	1.3572E+01	-4.7562E-01	7.2941E+00	-2.4155E-01	2.9188E+00	-7.3009E-02
5.0000E-02	3.0697E-01	7.4755E-01	1.4835E+01	-6.7871E-01	1.1744E+01	-5.1755E-01	6.7932E+00	-2.8148E-01	2.8616E+00	-8.9085E-02
6.0000E-02	3.6684E-01	7.4491E-01	1.2604E+01	-6.9394E-01	1.0339E+01	-5.4921E-01	6.3486E+00	-3.1594E-01	2.8060E+00	-1.0437E-01
8.0000E-02	4.8638E-01	7.3340E-01	9.6868E+00	-7.1308E-01	8.3285E+00	-5.9334E-01	5.5997E+00	-3.7191E-01	2.6993E+00	-1.3269E-01
1.0000E-01	6.0539E-01	7.1548E-01	7.8649E+00	-7.2404E-01	6.9655E+00	-6.2203E-01	4.9984E+00	-4.1487E-01	2.5987E+00	-1.5826E-01
1.5000E-01	8.9722E-01	6.4795E-01	5.3493E+00	-7.3524E-01	4.9373E+00	-6.6045E-01	3.9254E+00	-4.8584E-01	2.3724E+00	-2.1166E-01
2.0000E-01	1.1699E+00	5.5304E-01	4.0540E+00	-7.3532E-01	3.8234E+00	-6.7570E-01	3.2260E+00	-5.2561E-01	2.1787E+00	-2.5258E-01
3.0000E-01	1.5777E+00	3.1098E-01	2.7349E+00	-7.1910E-01	2.6390E+00	-6.7554E-01	2.3807E+00	-5.5741E-01	1.8702E+00	-3.0641E-01
4.0000E-01	1.7153E+00	6.8771E-02	2.0698E+00	-6.8864E-01	2.0225E+00	-6.5338E-01	1.8954E+00	-5.5499E-01	1.6407E+00	-3.3352E-01
5.0000E-01	1.6471E+00	-1.1149E-01	1.6735E+00	-6.4715E-01	1.6492E+00	-6.1714E-01	1.5858E+00	-5.3292E-01	1.4670E+00	-3.4216E-01
6.0000E-01	1.5045E+00	-2.2091E-01	1.4154E+00	-5.9647E-01	1.4039E+00	-5.7046E-01	1.3759E+00	-4.9797E-01	1.3336E+00	-3.3761E-01
7.0000E-01	1.3607E+00	-2.7594E-01	1.2392E+00	-5.3849E-01	1.2354E+00	-5.1602E-01	1.2285E+00	-4.5439E-01	1.2302E+00	-3.2348E-01
8.0000E-01	1.2393E+00	-2.9405E-01	1.1164E+00	-4.7546E-01	1.1176E+00	-4.5648E-01	1.1236E+00	-4.0549E-01	1.1498E+00	-3.0251E-01
1.0000E+00	1.0717E+00	-2.6729E-01	9.7280E-01	-3.4510E-01	9.7878E-01	-3.3319E-01	9.9651E-01	-3.0282E-01	1.0396E+00	-2.4832E-01
1.2000E+00	9.8188E-01	-2.0488E-01	9.1230E-01	-2.2657E-01	9.1916E-01	-2.2105E-01	9.3784E-01	-2.0800E-01	9.7652E-01	-1.8832E-01
1.3000E+00	9.5707E-01	-1.7130E-01	9.0089E-01	-1.7649E-01	9.0729E-01	-1.7353E-01	9.2426E-01	-1.6702E-01	9.5749E-01	-1.5911E-01
1.5000E+00	9.3325E-01	-1.1050E-01	8.9978E-01	-9.8054E-02	9.0442E-01	-9.8523E-02	9.1614E-01	-1.0039E-01	9.3707E-01	-1.0616E-01
1.7000E+00	9.3023E-01	-6.3420E-02	9.1361E-01	-4.6413E-02	9.1622E-01	-4.8292E-02	9.2253E-01	-5.3305E-02	9.3292E-01	-6.3168E-02
2.0000E+00	9.4275E-01	-1.8105E-02	9.4097E-01	-5.3955E-03	9.4138E-01	-7.1302E-03	9.4224E-01	-1.1441E-02	9.4324E-01	-1.8934E-02
2.5000E+00	9.7257E-01	1.1671E-02	9.7608E-01	1.3942E-02	9.7561E-01	1.3618E-02	9.7444E-01	1.2850E-02	9.7243E-01	1.1624E-02
3.0000E+00	9.9327E-01	1.3287E-02	9.9438E-01	1.2498E-02	9.9423E-01	1.2603E-02	9.9387E-01	1.2864E-02	9.9326E-01	1.3313E-02
3.5000E+00	1.0017E+00	7.1559E-03	1.0016E+00	6.7324E-03	1.0016E+00	6.7877E-03	1.0017E+00	6.9234E-03	1.0017E+00	7.1550E-03
4.0000E+00	1.0029E+00	2.1282E-03	1.0028E+00	2.1028E-03	1.0028E+00	2.1059E-03	1.0029E+00	2.1138E-03	1.0029E+00	2.1276E-03
4.5000E+00	1.0018E+00	-1.4448E-04	1.0018E+00	-1.0940E-04	1.0018E+00	-1.1393E-04	1.0018E+00	-1.2512E-04	1.0018E+00	-1.4441E-04
5.0000E+00	1.0006E+00	-6.2554E-04	1.0006E+00	-6.1420E-04	1.0006E+00	-6.1565E-04	1.0006E+00	-6.1925E-04	1.0006E+00	-6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E-01

H(1)/H(2)= 5.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)
1.0000E-04	1.0001E+00	1.2722E-04	3.1643E-01	6.4352E-04	1.0021E-01	2.1083E-03	3.1836E-02	6.6607E-03	1.0214E-02	2.0769E-02
2.0000E-04	1.0003E+00	2.5434E-04	3.1664E-01	1.2861E-03	1.0042E-01	4.2076E-03	3.2050E-02	1.3233E-02	1.0433E-02	4.0675E-02
5.0000E-04	1.0006E+00	6.3500E-04	3.1725E-01	3.2083E-03	1.0106E-01	1.0452E-02	3.2700E-02	3.2427E-02	1.1111E-02	9.5598E-02
1.0000E-03	1.0013E+00	1.2672E-03	3.1827E-01	6.3933E-03	1.0213E-01	2.0683E-02	3.3810E-02	6.2754E-02	1.2305E-02	1.7324E-01
2.0000E-03	1.0025E+00	2.5233E-03	3.2033E-01	1.2694E-02	1.0431E-01	4.0500E-02	3.6114E-02	1.1769E-01	1.4861E-02	2.8949E-01
5.0000E-03	1.0064E+00	6.2253E-03	3.2657E-01	3.1056E-02	1.1107E-01	9.5132E-02	4.3535E-02	2.4589E-01	2.3175E-02	4.7526E-01
1.0000E-02	1.0128E+00	1.2177E-02	3.3720E-01	5.9924E-02	1.2295E-01	1.7222E-01	5.6921E-02	3.8132E-01	3.7736E-02	5.9662E-01
1.5000E-02	1.0193E+00	1.7860E-02	3.4810E-01	8.6750E-02	1.3544E-01	2.3516E-01	7.0948E-02	4.6403E-01	5.2543E-02	6.4982E-01
2.0000E-02	1.0257E+00	2.3280E-02	3.5923E-01	1.1167E-01	1.4836E-01	2.8704E-01	8.5299E-02	5.1893E-01	6.7432E-02	6.7933E-01
2.5000E-02	1.0322E+00	2.9442E-02	3.7056E-01	1.3482E-01	1.6163E-01	3.3025E-01	9.9832E-02	5.5767E-01	8.2359E-02	6.9789E-01
3.0000E-02	1.0387E+00	3.3352E-02	3.8208E-01	1.5633E-01	1.7514E-01	3.6658E-01	1.1448E-01	5.8626E-01	9.7306E-02	7.1048E-01
3.5000E-02	1.0453E+00	3.9014E-02	3.9377E-01	1.7631E-01	1.8886E-01	3.9739E-01	1.2920E-01	6.0807E-01	1.1226E-01	7.1943E-01
4.0000E-02	1.0518E+00	4.2433E-02	4.0560E-01	1.9487E-01	2.0273E-01	4.2373E-01	1.4396E-01	6.2513E-01	1.2723E-01	7.2599E-01
5.0000E-02	1.0649E+00	5.0566E-02	4.2964E-01	2.2812E-01	2.3082E-01	4.6604E-01	1.7359E-01	6.4970E-01	1.5717E-01	7.3454E-01
6.0000E-02	1.0779E+00	5.7789E-02	4.5409E-01	2.5679E-01	2.5922E-01	4.9804E-01	2.0328E-01	6.6601E-01	1.8711E-01	7.3925E-01
8.0000E-02	1.1039E+00	6.9664E-02	5.0384E-01	3.0271E-01	3.1657E-01	5.4159E-01	2.6276E-01	6.8442E-01	2.4699E-01	7.4211E-01
1.0000E-01	1.1294E+00	7.8364E-02	5.5427E-01	3.3636E-01	3.7425E-01	5.6758E-01	3.2224E-01	6.9183E-01	3.0682E-01	7.3965E-01
1.5000E-01	1.1898E+00	8.8068E-02	6.8077E-01	3.8252E-01	5.1829E-01	5.9046E-01	4.7038E-01	6.8531E-01	4.5589E-01	7.1942E-01
2.0000E-01	1.2433E+00	8.3772E-02	8.0434E-01	3.9210E-01	6.6006E-01	5.7951E-01	6.1658E-01	6.5759E-01	6.0325E-01	6.8473E-01
3.0000E-01	1.3215E+00	4.5976E-02	1.0282E+00	3.4673E-01	9.2567E-01	5.0217E-01	8.9367E-01	5.6149E-01	8.8369E-01	5.8146E-01
4.0000E-01	1.3560E+00	-8.8482E-03	1.1989E+00	2.5430E-01	1.1435E+00	3.8185E-01	1.1261E+00	4.2892E-01	1.1206E+00	4.4457E-01
5.0000E-01	1.3504E+00	-6.7215E-02	1.2994E+00	1.4559E-01	1.2863E+00	2.4504E-01	1.2831E+00	2.8117E-01	1.2823E+00	2.9313E-01
6.0000E-01	1.3160E+00	-1.1800E-01	1.3315E+00	4.2407E-02	1.3465E+00	1.1487E-01	1.3532E+00	1.4086E-01	1.3555E+00	1.4943E-01
7.0000E-01	1.2653E+00	-1.5639E-01	1.3132E+00	-4.2516E-02	1.3410E+00	6.9279E-03	1.3519E+00	2.4384E-02	1.3557E+00	3.0106E-02
8.0000E-01	1.2089E+00	-1.8124E-01	1.2666E+00	-1.0473E-01	1.2966E+00	-7.2993E-02	1.3080E+00	-6.1998E-02	1.3118E+00	-5.8417E-02
1.0000E+00	1.1030E+00	-1.9493E-01	1.1513E+00	-1.6691E-01	1.1736E+00	-1.5656E-01	1.1817E+00	-1.5316E-01	1.1844E+00	-1.5207E-01
1.2000E+00	1.0236E+00	-1.7443E-01	1.0546E+00	-1.7002E-01	1.0678E+00	-1.6912E-01	1.0725E+00	-1.6894E-01	1.0740E+00	-1.6889E-01
1.3000E+00	9.9516E-01	-1.5671E-01	1.0185E+00	-1.5829E-01	1.0283E+00	-1.5960E-01	1.0316E+00	-1.6015E-01	1.0327E+00	-1.6034E-01
1.5000E+00	9.5816E-01	-1.1526E-01	9.7008E-01	-1.2200E-01	9.7480E-01	-1.2503E-01	9.7642E-01	-1.2611E-01	9.7694E-01	-1.2647E-01
1.7000E+00	9.4231E-01	-7.4334E-02	9.4716E-01	-8.1260E-02	9.4899E-01	-8.4144E-02	9.4960E-01	-8.5148E-02	9.4980E-01	-8.5476E-02
2.0000E+00	9.4360E-01	-2.6345E-02	9.4354E-01	-3.0536E-02	9.4346E-01	-3.2208E-02	9.4343E-01	-3.2782E-02	9.4342E-01	-3.2968E-02
2.5000E+00	9.7044E-01	1.0534E-02	9.6930E-01	9.9641E-03	9.6885E-01	9.7458E-03	9.6870E-01	9.6720E-03	9.6865E-01	9.6482E-03
3.0000E+00	9.9269E-01	1.3757E-02	9.9236E-01	1.4009E-02	9.9224E-01	1.4111E-02	9.9219E-01	1.4146E-02	9.9218E-01	1.4157E-02
3.5000E+00	1.0018E+00	7.3812E-03	1.0018E+00	7.5089E-03	1.0018E+00	7.5599E-03	1.0018E+00	7.5774E-03	1.0018E+00	7.5831E-03
4.0000E+00	1.0030E+00	2.1418E-03	1.0031E+00	2.1500E-03	1.0031E+00	2.1534E-03	1.0031E+00	2.1545E-03	1.0031E+00	2.1549E-03
4.5000E+00	1.0018E+00	-1.6348E-04	1.0018E+00	-1.7434E-04	1.0018E+00	-1.7871E-04	1.0018E+00	-1.8021E-04	1.0018E+00	-1.8070E-04
5.0000E+00	1.0006E+00	-6.3182E-04	1.0006E+00	-6.3544E-04	1.0006E+00	-6.3690E-04	1.0006E+00	-6.3741E-04	1.0006E+00	-6.3757E-04

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+00 Q(AMP)	Q(PHASE)
1.0000E-04	7.1045E+01	-2.5905E-01	2.8241E+01	-1.0190E-01	9.6496E+00	-3.4432E-02	3.1300E+00	-1.0136E-02	1.0000E+00	.0000E-01
2.0000E-04	5.3587E+01	-3.9671E-01	2.5323E+01	-1.8339E-01	9.3129E+00	-6.6448E-02	3.0980E+00	-2.0019E-02	1.0000E+00	.0000E-01
5.0000E-04	3.0008E+01	-5.7128E-01	1.8940E+01	-3.4767E-01	8.3901E+00	-1.4976E-01	3.0044E+00	-4.8211E-02	1.0000E+00	8.8045E-13
1.0000E-03	1.7099E+01	-6.6312E-01	1.3052E+01	-4.8785E-01	7.1288E+00	-2.5522E-01	2.8560E+00	-9.0649E-02	1.0000E+00	.0000E-01
2.0000E-03	9.1539E+00	-7.1671E-01	7.9285E+00	-6.0247E-01	5.3934E+00	-3.8791E-01	2.5890E+00	-1.6067E-01	1.0000E+00	3.1176E-12
5.0000E-03	3.8205E+00	-7.3559E-01	3.6101E+00	-6.7961E-01	3.0462E+00	-5.3807E-01	1.9975E+00	-2.8615E-01	1.0000E+00	.0000E-01
1.0000E-02	1.9492E+00	-6.8333E-01	1.9031E+00	-6.5062E-01	1.7693E+00	-5.5789E-01	1.4520E+00	-3.4223E-01	1.0000E+00	.0000E-01
1.5000E-02	1.3349E+00	-5.8298E-01	1.3210E+00	-5.5866E-01	1.2799E+00	-4.8773E-01	1.1757E+00	-3.1049E-01	1.0000E+00	.0000E-01
2.0000E-02	1.0579E+00	-4.5203E-01	1.0557E+00	-4.3347E-01	1.0489E+00	-3.7917E-01	1.0314E+00	-2.4240E-01	1.0000E+00	3.9786E-12
2.5000E-02	9.2996E-01	-3.1223E-01	9.3270E-01	-2.9917E-01	9.4078E-01	-2.6116E-01	9.6160E-01	-1.6629E-01	1.0000E+00	.0000E-01
3.0000E-02	8.8255E-01	-1.8698E-01	8.8717E-01	-1.7905E-01	9.0076E-01	-1.5603E-01	9.3560E-01	-9.9025E-02	1.0000E+00	-3.4869E-12
3.5000E-02	8.7987E-01	-9.1203E-02	8.8465E-01	-8.7317E-02	8.9866E-01	-7.6050E-02	9.3439E-01	-4.8218E-02	1.0000E+00	.0000E-01
4.0000E-02	8.9943E-01	-2.7866E-02	9.0348E-01	-2.6680E-02	9.1535E-01	-2.3241E-02	9.4540E-01	-1.4739E-02	1.0000E+00	8.5947E-13
5.0000E-02	9.5352E-01	2.3866E-02	9.5545E-01	2.2855E-02	9.6106E-01	1.9918E-02	9.7509E-01	1.2644E-02	1.0000E+00	.0000E-01
6.0000E-02	9.9033E-01	2.3984E-02	9.9074E-01	2.2969E-02	9.9192E-01	2.0020E-02	9.9486E-01	1.2712E-02	1.0000E+00	.0000E-01
8.0000E-02	1.0053E+00	3.0028E-03	1.0051E+00	2.8756E-03	1.0045E+00	2.5064E-03	1.0028E+00	1.5914E-03	1.0000E+00	.0000E-01
1.0000E-01	1.0009E+00	-1.1581E-03	1.0008E+00	-1.1091E-03	1.0007E+00	-9.6667E-04	1.0005E+00	-6.1377E-04	1.0000E+00	.0000E-01
1.5000E-01	9.9999E-01	3.8637E-05	9.9999E-01	3.7001E-05	9.9999E-01	3.2251E-05	1.0000E+00	2.0477E-05	1.0000E+00	.0000E-01
2.0000E-01	1.0000E+00	-1.0219E-06	1.0000E+00	-9.7864E-07	1.0000E+00	-8.5300E-07	1.0000E+00	-5.4161E-07	1.0000E+00	.0000E-01
3.0000E-01	1.0000E+00	-2.6694E-10	1.0000E+00	-2.5740E-10	1.0000E+00	-2.1927E-10	1.0000E+00	-1.3824E-10	1.0000E+00	-4.7667E-12
4.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
5.0000E-01	1.0000E+00	2.1750E-11	1.0000E+00	.0000E-01	1.0000E+00	2.1750E-11	1.0000E+00	.0000E-01	1.0000E+00	-1.4500E-11
6.0000E-01	1.0000E+00	3.1817E-11	1.0000E+00	.0000E-01	1.0000E+00	3.1817E-11	1.0000E+00	.0000E-01	1.0000E+00	-1.2727E-11
7.0000E-01	1.0000E+00	1.6872E-11	1.0000E+00	1.6872E-11	1.0000E+00	1.6872E-11	1.0000E+00	1.6872E-11	1.0000E+00	.0000E-01
8.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.0000E+00	1.0000E+00	1.2387E-11	1.0000E+00	.0000E-01	1.0000E+00	1.2387E-11	1.0000E+00	.0000E-01	1.0000E+00	-1.2387E-11
1.2000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.3000E+00	1.0000E+00	-2.9446E-10	1.0000E+00	-2.7391E-10	1.0000E+00	-2.3967E-10	1.0000E+00	-1.5750E-10	1.0000E+00	.0000E-01
1.5000E+00	1.0000E+00	-1.8434E-10	1.0000E+00	-1.7787E-10	1.0000E+00	-1.5200E-10	1.0000E+00	-9.7019E-11	1.0000E+00	.0000E-01
1.7000E+00	1.0000E+00	1.1452E-10	1.0000E+00	1.0498E-10	1.0000E+00	9.5434E-11	1.0000E+00	5.7260E-11	1.0000E+00	-3.1811E-12
2.0000E+00	1.0000E+00	1.6208E-12	1.0000E+00	.0000E-01	1.0000E+00	1.6208E-12	1.0000E+00	.0000E-01	1.0000E+00	-8.1039E-13
2.5000E+00	1.0000E+00	-2.1964E-11	1.0000E+00	-1.9810E-11	1.0000E+00	-1.8088E-11	1.0000E+00	-1.1197E-11	1.0000E+00	.0000E-01
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	8.9785E-13
3.5000E+00	1.0000E+00	3.7187E-11	1.0000E+00	3.5590E-11	1.0000E+00	3.1141E-11	1.0000E+00	1.9620E-11	1.0000E+00	.0000E-01
4.0000E+00	1.0000E+00	-1.1433E-13	1.0000E+00	.0000E-01	1.0000E+00	-1.1433E-13	1.0000E+00	.0000E-01	1.0000E+00	1.7150E-13
4.5000E+00	1.0000E+00	-7.5933E-13	1.0000E+00	-7.2724E-13	1.0000E+00	-6.2743E-13	1.0000E+00	-3.9927E-13	1.0000E+00	.0000E-01
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)
1.0000E-04	3.1949E-01	1.0136E-02	1.0363E-01	3.4432E-02	3.5409E-02	1.0190E-01	1.4076E-02	2.5905E-01
2.0000E-04	3.2278E-01	2.0019E-02	1.0738E-01	6.6448E-02	3.9491E-02	1.8339E-01	1.8661E-02	3.9671E-01
5.0000E-04	3.3285E-01	4.8211E-02	1.1919E-01	1.4976E-01	5.2799E-02	3.4767E-01	3.3325E-02	5.7128E-01
1.0000E-03	3.5014E-01	9.0649E-02	1.4028E-01	2.5522E-01	7.6618E-02	4.8785E-01	5.8484E-02	6.6312E-01
2.0000E-03	3.8625E-01	1.6067E-01	1.8541E-01	3.8791E-01	1.2613E-01	6.0247E-01	1.0924E-01	7.1671E-01
5.0000E-03	5.0062E-01	2.8615E-01	3.2828E-01	5.3807E-01	2.7700E-01	6.7961E-01	2.6175E-01	7.3559E-01
1.0000E-02	6.8869E-01	3.4223E-01	5.6518E-01	5.5789E-01	5.2545E-01	6.5062E-01	5.1304E-01	6.8333E-01
1.5000E-02	8.5058E-01	3.1049E-01	7.8130E-01	4.8773E-01	7.5701E-01	5.5866E-01	7.4913E-01	5.8298E-01
2.0000E-02	9.6951E-01	2.4240E-01	9.5339E-01	3.7917E-01	9.4728E-01	4.3347E-01	9.4524E-01	4.5203E-01
2.5000E-02	1.0399E+00	1.6629E-01	1.0630E+00	2.6116E-01	1.0722E+00	2.9917E-01	1.0753E+00	3.1223E-01
3.0000E-02	1.0688E+00	9.9025E-02	1.1102E+00	1.5603E-01	1.1272E+00	1.7905E-01	1.1331E+00	1.8698E-01
3.5000E-02	1.0702E+00	4.8218E-02	1.1128E+00	7.6050E-02	1.1304E+00	8.7317E-02	1.1365E+00	9.1203E-02
4.0000E-02	1.0578E+00	1.4739E-02	1.0925E+00	2.3241E-02	1.1068E+00	2.6680E-02	1.1118E+00	2.7866E-02
5.0000E-02	1.0255E+00	-1.2644E-02	1.0405E+00	-1.9918E-02	1.0466E+00	-2.2855E-02	1.0487E+00	-2.3866E-02
6.0000E-02	1.0052E+00	-1.2712E-02	1.0081E+00	-2.0020E-02	1.0093E+00	-2.2969E-02	1.0098E+00	-2.3984E-02
8.0000E-02	9.9718E-01	-1.5914E-03	9.9556E-01	-2.5064E-03	9.9491E-01	-2.8756E-03	9.9469E-01	-3.0028E-03
1.0000E-01	9.9954E-01	6.1377E-04	9.9928E-01	9.6667E-04	9.9917E-01	1.1091E-03	9.9914E-01	1.1581E-03
1.5000E-01	1.0000E+00	-2.0477E-05	1.0000E+00	-3.2251E-05	1.0000E+00	-3.7001E-05	1.0000E+00	-3.8637E-05
2.0000E-01	1.0000E+00	5.4161E-07	1.0000E+00	8.5301E-07	1.0000E+00	9.7865E-07	1.0000E+00	1.0219E-06
3.0000E-01	1.0000E+00	1.3824E-10	1.0000E+00	2.3357E-10	1.0000E+00	2.6217E-10	1.0000E+00	2.6694E-10
4.0000E-01	1.0000E+00	-8.3003E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
5.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-1.4500E-11	1.0000E+00	.0000E-01	1.0000E+00	-1.4500E-11
6.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-6.3635E-12	1.0000E+00	.0000E-01	1.0000E+00	-6.3635E-12
7.0000E-01	1.0000E+00	-1.1248E-11	1.0000E+00	-1.1248E-11	1.0000E+00	-1.1248E-11	1.0000E+00	-2.2496E-11
8.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	-4.1289E-12	1.0000E+00	.0000E-01	1.0000E+00	-4.1289E-12
1.2000E+00	1.0000E+00	.0000E-01	1.0000E+00	1.4369E-11	1.0000E+00	1.4369E-11	1.0000E+00	1.4369E-11
1.3000E+00	1.0000E+00	1.4380E-10	1.0000E+00	2.4652E-10	1.0000E+00	2.8076E-10	1.0000E+00	2.8761E-10
1.5000E+00	1.0000E+00	9.3785E-11	1.0000E+00	1.5200E-10	1.0000E+00	1.7464E-10	1.0000E+00	1.8110E-10
1.7000E+00	1.0000E+00	-5.7260E-11	1.0000E+00	-9.2253E-11	1.0000E+00	-1.0816E-10	1.0000E+00	-1.1134E-10
2.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.5000E+00	1.0000E+00	1.0336E-11	1.0000E+00	1.7657E-11	1.0000E+00	1.9810E-11	1.0000E+00	2.0672E-11
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	4.4893E-13	1.0000E+00	.0000E-01	1.0000E+00	4.4893E-13
3.5000E+00	1.0000E+00	-1.9848E-11	1.0000E+00	-3.1370E-11	1.0000E+00	-3.6389E-11	1.0000E+00	-3.7644E-11
4.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	1.1433E-13	1.0000E+00	.0000E-01	1.0000E+00	1.1433E-13
4.5000E+00	1.0000E+00	3.9571E-13	1.0000E+00	6.2386E-13	1.0000E+00	7.2368E-13	1.0000E+00	7.5576E-13
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	4.2684E-14	1.0000E+00	4.2684E-1	1.0000E+00	4.2684E-14

H(1)/H(2)= 5.0000E-02

SIGMA(3)/SIGMA(1)= 1.0000E-04 Q(AMP)	Q(PHASE)
8.6353E+01	-1.2856E-01
7.5159E+01	-2.2507E-01
5.2800E+01	-4.0271E-01
3.4549E+01	-5.3638E-01
2.0175E+01	-6.4150E-01
8.9100E+00	-7.1822E-01
4.6098E+00	-7.3717E-01
3.1115E+00	-7.2898E-01
2.3519E+00	-7.0836E-01
1.8956E+00	-6.7858E-01
1.5942E+00	-6.4102E-01
1.3834E+00	-5.9672E-01
1.2311E+00	-5.4680E-01
1.0370E+00	-4.3557E-01
9.3481E-01	-3.2025E-01
8.7722E-01	-1.2664E-01
9.0558E-01	-1.7233E-02
9.9421E-01	2.2033E-02
1.0049E+00	1.7382E-03
9.9977E-01	-1.3049E-04
1.0000E+00	8.6182E-06
1.0000E+00	-5.2784E-07
1.0000E+00	3.0685E-08
1.0000E+00	-1.7265E-09
1.0000E+00	3.5607E-10
1.0000E+00	.0000E-01
1.0000E+00	.0000E-01
1.0000E+00	-1.2326E-10
1.0000E+00	.0000E-01
1.0000E+00	.0000E-01
1.0000E+00	.0000E-01
1.0000E+00	-4.3066E-13
1.0000E+00	.0000E-01
1.0000E+00	1.2776E-11
1.0000E+00	3.6015E-12
1.0000E+00	.0000E-01
1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)
1.0000E-04	3.0176E+01	-4.4774E-02	9.8541E+00	-1.4482E-02	3.1489E+00	-4.2044E-03	1.0000E+00	5.6835E-14	3.1757E-01	4.2044E-03
2.0000E-04	2.8805E+01	-8.5548E-02	9.7104E+00	-2.8537E-02	3.1357E+00	-8.3655E-03	1.0000E+00	.0000E-01	3.1891E-01	8.3655E-03
5.0000E-04	2.5165E+01	-1.8766E-01	9.2936E+00	-6.8260E-02	3.0962E+00	-2.0593E-02	1.0000E+00	.0000E-01	3.2298E-01	2.0593E-02
1.0000E-03	2.0506E+01	-3.0875E-01	8.6479E+00	-1.2708E-01	3.0316E+00	-4.0141E-02	1.0000E+00	.0000E-01	3.2986E-01	4.0141E-02
2.0000E-03	1.4689E+01	-4.4974E-01	7.5373E+00	-2.2198E-01	2.9073E+00	-7.6289E-02	1.0000E+00	.0000E-01	3.4397E-01	7.6289E-02
5.0000E-03	7.7477E+00	-6.0633E-01	5.3152E+00	-3.9357E-01	2.5745E+00	-1.6425E-01	1.0000E+00	.0000E-01	3.8843E-01	1.6425E-01
1.0000E-02	4.2995E+00	-6.7169E-01	3.4982E+00	-5.1387E-01	2.1434E+00	-2.5950E-01	1.0000E+00	.0000E-01	4.6654E-01	2.5950E-01
1.5000E-02	2.9754E+00	-6.8172E-01	2.5987E+00	-5.5689E-01	1.8315E+00	-3.1193E-01	1.0000E+00	-5.3424E-12	5.4601E-01	3.1193E-01
2.0000E-02	2.2792E+00	-6.7057E-01	2.0709E+00	-5.6596E-01	1.6021E+00	-3.3652E-01	1.0000E+00	.0000E-01	6.2418E-01	3.3652E-01
2.5000E-02	1.8528E+00	-6.4654E-01	1.7281E+00	-5.5548E-01	1.4303E+00	-3.4210E-01	1.0000E+00	-7.0232E-12	6.9915E-01	3.4210E-01
3.0000E-02	1.5679E+00	-6.1293E-01	1.4907E+00	-5.3183E-01	1.2998E+00	-3.3424E-01	1.0000E+00	.0000E-01	7.6937E-01	3.3424E-01
3.5000E-02	1.3673E+00	-5.7164E-01	1.3198E+00	-4.9861E-01	1.1997E+00	-3.1680E-01	1.0000E+00	5.1934E-12	8.3353E-01	3.1680E-01
4.0000E-02	1.2217E+00	-5.2426E-01	1.1940E+00	-4.5837E-01	1.1229E+00	-2.9271E-01	1.0000E+00	.0000E-01	8.9052E-01	2.9271E-01
5.0000E-02	1.0355E+00	-4.1765E-01	1.0312E+00	-3.6528E-01	1.0201E+00	-2.3344E-01	1.0000E+00	5.0844E-12	9.8028E-01	2.3344E-01
6.0000E-02	9.3735E-01	-3.0688E-01	9.4488E-01	-2.6792E-01	9.6427E-01	-1.7064E-01	1.0000E+00	3.3420E-12	1.0371E+00	1.7064E-01
8.0000E-02	8.8207E-01	-1.2125E-01	8.9634E-01	-1.0561E-01	9.3281E-01	-6.6974E-02	1.0000E+00	.0000E-01	1.0720E+00	6.6974E-02
1.0000E-01	9.0939E-01	-1.6500E-02	9.2056E-01	-1.4374E-02	9.4882E-01	-9.1172E-03	1.0000E+00	.0000E-01	1.0539E+00	9.1172E-03
1.5000E-01	9.9446E-01	2.1100E-02	9.9517E-01	1.8391E-02	9.9693E-01	1.1677E-02	1.0000E+00	.0000E-01	1.0031E+00	-1.1677E-02
2.0000E-01	1.0047E+00	1.6646E-03	1.0041E+00	1.4509E-03	1.0026E+00	9.2124E-04	1.0000E+00	.0000E-01	9.9743E-01	-9.2124E-04
3.0000E-01	9.9978E-01	-1.2497E-04	9.9981E-01	-1.0893E-04	9.9988E-01	-6.9161E-05	1.0000E+00	.0000E-01	1.0001E+00	6.9161E-05
4.0000E-01	1.0000E+00	8.2533E-06	1.0000E+00	7.1937E-06	1.0000E+00	4.5676E-06	1.0000E+00	.0000E-01	9.9999E-01	-4.5676E-06
5.0000E-01	1.0000E+00	-5.0548E-07	1.0000E+00	-4.4059E-07	1.0000E+00	-2.7976E-07	1.0000E+00	.0000E-01	1.0000E+00	2.7975E-07
6.0000E-01	1.0000E+00	2.9374E-08	1.0000E+00	2.5613E-08	1.0000E+00	1.6259E-08	1.0000E+00	.0000E-01	1.0000E+00	-1.6246E-08
7.0000E-01	1.0000E+00	-1.6422E-09	1.0000E+00	-1.4510E-09	1.0000E+00	-9.1108E-10	1.0000E+00	.0000E-01	1.0000E+00	9.2795E-10
8.0000E-01	1.0000E+00	3.3601E-10	1.0000E+00	2.9088E-10	1.0000E+00	1.9057E-10	1.0000E+00	.0000E-01	1.0000E+00	-1.7553E-10
1.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-4.1289E-12
1.2000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
1.3000E+00	1.0000E+00	-1.3011E-10	1.0000E+00	-1.0957E-10	1.0000E+00	-7.5326E-11	1.0000E+00	.0000E-01	1.0000E+00	7.5326E-11
1.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-3.2340E-12
1.7000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-3.1811E-12
2.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	-4.3066E-13	1.0000E+00	.0000E-01	1.0000E+00	4.3066E-13	1.0000E+00	.0000E-01
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	8.9785E-13	1.0000E+00	.0000E-01
3.5000E+00	1.0000E+00	1.2206E-11	1.0000E+00	1.0266E-11	1.0000E+00	6.3880E-12	1.0000E+00	.0000E-01	1.0000E+00	-6.9584E-12
4.0000E+00	1.0000E+00	3.4871E-12	1.0000E+00	2.9726E-12	1.0000E+00	1.9436E-12	1.0000E+00	.0000E-01	1.0000E+00	-1.8865E-12
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-1.0695E-14
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 5.0000E-02 (first three column pairs); H(1)/H(2)= 1.0000E-01 (last two column pairs)

V	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E-03 Q(AMP)	Q(PHASE)
1.0000E-04	1.0148E-01	1.4482E-02	3.3139E-02	4.4774E-02	1.1580E-02	1.2856E-01	9.2543E+01	-7.2036E-02	3.0856E+01	-2.3977E-02
2.0000E-04	1.0298E-01	2.8537E-02	3.4717E-02	8.5548E-02	1.3305E-02	2.2507E-01	8.5766E+01	-1.3380E-01	3.0108E+01	-4.6803E-02
5.0000E-04	1.0760E-01	6.8260E-02	3.9738E-02	1.8766E-01	1.8939E-02	4.0271E-01	6.9335E+01	-2.7298E-01	2.7996E+01	-1.0896E-01
1.0000E-03	1.1564E-01	1.2708E-01	4.8765E-02	3.0875E-01	2.8944E-02	5.3838E-01	5.1536E+01	-4.1232E-01	2.4906E+01	-1.9465E-01
2.0000E-03	1.3267E-01	2.2198E-01	6.8078E-02	4.4974E-01	4.9567E-02	6.4150E-01	3.3428E+01	-5.4653E-01	2.0139E+01	-3.1795E-01
5.0000E-03	1.8814E-01	3.9357E-01	1.2907E-01	6.0633E-01	1.1223E-01	7.1822E-01	1.6012E+01	-6.7070E-01	1.2431E+01	-5.0213E-01
1.0000E-02	2.8586E-01	5.1387E-01	2.3259E-01	6.7169E-01	2.1693E-01	7.3717E-01	8.5311E+00	-7.2052E-01	7.4639E+00	-6.1234E-01
1.5000E-02	3.8481E-01	5.5689E-01	3.3609E-01	6.8172E-01	3.2139E-01	7.2898E-01	5.8117E+00	-7.3448E-01	5.3147E+00	-6.5509E-01
2.0000E-02	4.8287E-01	5.6596E-01	4.3876E-01	6.7057E-01	4.2518E-01	7.0836E-01	4.4074E+00	-7.3713E-01	4.1244E+00	-6.7406E-01
2.5000E-02	5.7868E-01	5.5548E-01	5.3973E-01	6.4654E-01	5.2753E-01	6.7858E-01	3.5505E+00	-7.3389E-01	3.3702E+00	-6.8121E-01
3.0000E-02	6.7082E-01	5.3183E-01	6.3780E-01	6.1293E-01	6.2729E-01	6.4102E-01	2.9738E+00	-7.2668E-01	2.8504E+00	-6.8112E-01
3.5000E-02	7.5769E-01	4.9861E-01	7.3136E-01	5.7164E-01	7.2286E-01	5.9672E-01	2.5595E+00	-7.1635E-01	2.4711E+00	-6.7596E-01
4.0000E-02	8.3755E-01	4.5837E-01	8.1852E-01	5.2426E-01	8.1229E-01	5.4680E-01	2.2481E+00	-7.0334E-01	2.1827E+00	-6.6685E-01
5.0000E-02	9.6972E-01	3.6528E-01	9.6569E-01	4.1765E-01	9.6434E-01	4.3557E-01	1.8130E+00	-6.7030E-01	1.7749E+00	-6.3933E-01
6.0000E-02	1.0583E+00	2.6792E-01	1.0668E+00	3.0688E-01	1.0697E+00	3.2025E-01	1.5265E+00	-6.2900E-01	1.5036E+00	-6.0184E-01
8.0000E-02	1.1156E+00	1.0561E-01	1.1337E+00	1.2125E-01	1.1400E+00	1.2664E-01	1.1844E+00	-5.2656E-01	1.1770E+00	-5.0493E-01
1.0000E-01	1.0863E+00	1.4374E-02	1.0996E+00	1.6500E-02	1.1043E+00	1.7233E-02	1.0060E+00	-4.0795E-01	1.0058E+00	-3.9113E-01
1.5000E-01	1.0049E+00	-1.8391E-02	1.0056E+00	-2.1100E-02	1.0058E+00	-2.2033E-02	8.7732E-01	-1.3780E-01	8.8217E-01	-1.3194E-01
2.0000E-01	9.9595E-01	-1.4509E-03	9.9536E-01	-1.6646E-03	9.9515E-01	-1.7382E-03	9.1637E-01	-2.6526E-03	9.1976E-01	-2.5399E-03
3.0000E-01	1.0002E+00	1.0893E-04	1.0002E+00	1.2497E-04	1.0002E+00	1.3049E-04	9.9916E-01	1.8411E-02	9.9920E-01	1.7631E-02
4.0000E-01	9.9999E-01	-7.1937E-06	9.9999E-01	-8.2533E-06	9.9999E-01	-8.6182E-06	1.0039E+00	2.3576E-04	1.0037E+00	2.2577E-04
5.0000E-01	1.0000E+00	4.4060E-07	1.0000E+00	5.0550E-07	1.0000E+00	5.2785E-07	1.0001E+00	-8.1561E-04	1.0001E+00	-7.8395E-04
6.0000E-01	1.0000E+00	-2.5581E-08	1.0000E+00	-2.9386E-08	1.0000E+00	-3.0659E-08	9.9983E-01	-1.5740E-05	9.9983E-01	-1.5074E-05
7.0000E-01	1.0000E+00	1.4510E-09	1.0000E+00	1.6759E-09	1.0000E+00	1.7322E-09	1.0000E+00	3.6364E-05	1.0000E+00	3.4824E-05
8.0000E-01	1.0000E+00	-2.7583E-10	1.0000E+00	-3.2097E-10	1.0000E+00	-3.2598E-10	1.0000E+00	9.3385E-07	1.0000E+00	8.9431E-07
1.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-5.1920E-08	1.0000E+00	-4.9724E-08
1.2000E+00	1.0000E+00	1.4369E-11	1.0000E+00	1.4369E-11	1.0000E+00	1.4369E-11	1.0000E+00	2.7732E-09	1.0000E+00	2.6511E-09
1.3000E+00	1.0000E+00	1.0957E-10	1.0000E+00	1.1641E-10	1.0000E+00	1.3011E-10	1.0000E+00	-3.0884E-09	1.0000E+00	-2.9651E-09
1.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	1.3583E-10	1.0000E+00	1.2936E-10
1.7000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-3.1811E-12	1.0000E+00	-3.1811E-12
2.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
3.0000E+00	1.0000E+00	4.4893E-13	1.0000E+00	.0000E-01	1.0000E+00	4.4893E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
3.5000E+00	1.0000E+00	-1.0723E-11	1.0000E+00	-1.2548E-11	1.0000E+00	-1.3004E-11	1.0000E+00	-5.7036E-13	1.0000E+00	.0000E-01
4.0000E+00	1.0000E+00	-2.9155E-12	1.0000E+00	-3.4300E-12	1.0000E+00	-3.6015E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	7.1298E-15	1.0000E+00	.0000E-01
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	4.2684E-14	1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)
1.0000E-04	9.9233E+00	-7.6402E-03	3.1553E+00	-2.2077E-03	1.0000E+00	.0000E-01	3.1693E-01	2.2077E-03	1.0077E-01	7.6402E-03
2.0000E-04	9.8472E+00	-1.5161E-02	3.1483E+00	-4.4035E-03	1.0000E+00	5.6827E-14	3.1763E-01	4.4035E-03	1.0155E-01	1.5161E-02
5.0000E-04	9.6227E+00	-3.7028E-02	3.1275E+00	-1.0920E-02	1.0000E+00	.0000E-01	3.1975E-01	1.0920E-02	1.0392E-01	3.7028E-02
1.0000E-03	9.2614E+00	-7.1263E-02	3.0931E+00	-2.1547E-02	1.0000E+00	.0000E-01	3.2330E-01	2.1547E-02	1.0797E-01	7.1263E-02
2.0000E-03	8.5896E+00	-1.3224E-01	3.0255E+00	-4.1950E-02	1.0000E+00	.0000E-01	3.3052E-01	4.1950E-02	1.1642E-01	1.3224E-01
5.0000E-03	6.9590E+00	-2.6881E-01	2.8336E+00	-9.6823E-02	1.0000E+00	.0000E-01	3.5291E-01	9.6823E-02	1.4370E-01	2.6881E-01
1.0000E-02	5.1894E+00	-4.0260E-01	2.5506E+00	-1.7008E-01	1.0000E+00	.0000E-01	3.9206E-01	1.7008E-01	1.9270E-01	4.0260E-01
1.5000E-02	4.1047E+00	-4.7669E-01	2.3111E+00	-2.2512E-01	1.0000E+00	.0000E-01	4.3270E-01	2.2512E-01	2.4362E-01	4.7669E-01
2.0000E-02	3.3866E+00	-5.2019E-01	2.1092E+00	-2.6603E-01	1.0000E+00	.0000E-01	4.7410E-01	2.6603E-01	2.9528E-01	5.2019E-01
2.5000E-02	2.8807E+00	-5.4579E-01	1.9388E+00	-2.9587E-01	1.0000E+00	.0000E-01	5.1577E-01	2.9587E-01	3.4714E-01	5.4579E-01
3.0000E-02	2.5068E+00	-5.5978E-01	1.7943E+00	-3.1689E-01	1.0000E+00	-5.2303E-12	5.5731E-01	3.1689E-01	3.9891E-01	5.5978E-01
3.5000E-02	2.2204E+00	-5.6557E-01	1.6711E+00	-3.3079E-01	1.0000E+00	.0000E-01	5.9839E-01	3.3079E-01	4.5037E-01	5.6557E-01
4.0000E-02	1.9947E+00	-5.6522E-01	1.5655E+00	-3.3885E-01	1.0000E+00	.0000E-01	6.3875E-01	3.3885E-01	5.0134E-01	5.6522E-01
5.0000E-02	1.6639E+00	-5.5088E-01	1.3960E+00	-3.4128E-01	1.0000E+00	-6.7792E-12	7.1635E-01	3.4128E-01	6.0100E-01	5.5088E-01
6.0000E-02	1.4363E+00	-5.2319E-01	1.2684E+00	-3.3009E-01	1.0000E+00	.0000E-01	7.8838E-01	3.3009E-01	6.9625E-01	5.2319E-01
8.0000E-02	1.1550E+00	-4.4165E-01	1.0987E+00	-2.8227E-01	1.0000E+00	.0000E-01	9.1018E-01	2.8227E-01	8.6577E-01	4.4165E-01
1.0000E-01	1.0051E+00	-3.4195E-01	1.0033E+00	-2.1839E-01	1.0000E+00	3.1583E-12	9.9672E-01	2.1839E-01	9.9493E-01	3.4195E-01
1.5000E-01	8.9641E-01	-1.1493E-01	9.3283E-01	-7.2892E-02	1.0000E+00	-1.1771E-11	1.0720E+00	7.2892E-02	1.1156E+00	1.1493E-01
2.0000E-01	9.2970E-01	-2.2129E-03	9.5479E-01	-1.4039E-03	1.0000E+00	.0000E-01	1.0474E+00	1.4039E-03	1.0756E+00	2.2129E-03
3.0000E-01	9.9930E-01	1.5368E-02	9.9956E-01	9.7577E-03	1.0000E+00	.0000E-01	1.0004E+00	-9.7577E-03	1.0007E+00	-1.5368E-02
4.0000E-01	1.0032E+00	1.9679E-04	1.0021E+00	1.2495E-04	1.0000E+00	.0000E-01	9.9794E-01	-1.2495E-04	9.9676E-01	-1.9679E-04
5.0000E-01	1.0001E+00	-6.8330E-04	1.0000E+00	-4.3385E-04	1.0000E+00	.0000E-01	9.9997E-01	4.3385E-04	9.9995E-01	6.8330E-04
6.0000E-01	9.9986E-01	-1.3139E-05	9.9991E-01	-8.3422E-06	1.0000E+00	.0000E-01	1.0001E+00	8.3422E-06	1.0001E+00	1.3139E-05
7.0000E-01	1.0000E+00	3.0353E-05	1.0000E+00	1.9272E-05	1.0000E+00	.0000E-01	1.0000E+00	-1.9272E-05	1.0000E+00	-3.0353E-05
8.0000E-01	1.0000E+00	7.7950E-07	1.0000E+00	4.9494E-07	1.0000E+00	.0000E-01	1.0000E+00	-4.9494E-07	9.9999E-01	-7.7950E-07
1.0000E+00	1.0000E+00	-4.3341E-08	1.0000E+00	-2.7523E-08	1.0000E+00	.0000E-01	1.0000E+00	2.7531E-08	1.0000E+00	4.3357E-08
1.2000E+00	1.0000E+00	2.3170E-09	1.0000E+00	1.4692E-09	1.0000E+00	.0000E-01	1.0000E+00	-1.4620E-09	1.0000E+00	-2.2918E-09
1.3000E+00	1.0000E+00	-2.5885E-09	1.0000E+00	-1.6503E-09	1.0000E+00	.0000E-01	1.0000E+00	1.6503E-09	1.0000E+00	2.5816E-09
1.5000E+00	1.0000E+00	1.1966E-10	1.0000E+00	7.1148E-11	1.0000E+00	-3.2340E-12	1.0000E+00	-7.7616E-11	1.0000E+00	-1.1642E-10
1.7000E+00	1.0000E+00	-3.1811E-12	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-3.1811E-12	1.0000E+00	3.1811E-12
2.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
2.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	4.4893E-13	1.0000E+00	.0000E-01
3.5000E+00	1.0000E+00	-5.7036E-13	1.0000E+00	.0000E-01	1.0000E+00	2.2814E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
4.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	1.1433E-13	1.0000E+00	.0000E-01
4.5000E+00	1.0000E+00	7.1298E-15	1.0000E+00	.0000E-01	1.0000E+00	-1.0695E-14	1.0000E+00	.0000E-01	1.0000E+00	-1.0695E-14
5.0000E+00	1.0000E+00	4.2684E-14	1.0000E+00	.0000E-01	1.0000E+00	-4.2684E-14	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

	H(1)/H(2)= 1.0000E-01				H(1)/H(2)= 2.0000E-01					
	SIGMA(3)/SIGMA(1)= 1.0000E+03		SIGMA(3)/SIGMA(1)= 1.0000E+04		SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.2409E-02	2.3977E-02	1.0806E-02	7.2036E-02	9.5851E+01	-4.0673E-02	3.1202E+01	-1.3225E-02	9.9581E+00	-4.1823E-03
2.0000E-04	3.3213E-02	4.6803E-02	1.1660E-02	1.3380E-01	9.1899E+01	-7.8049E-02	3.0787E+01	-2.6099E-02	9.9164E+00	-8.3288E-03
5.0000E-04	3.5720E-02	1.0896E-01	1.4423E-02	2.7298E-01	8.1266E+01	-1.7323E-01	2.9578E+01	-6.2715E-02	9.7922E+00	-2.0557E-02
1.0000E-03	4.0152E-02	1.9465E-01	1.9404E-02	4.1232E-01	6.7292E+01	-2.8947E-01	2.7693E+01	-1.1761E-01	9.5891E+00	-4.0253E-02
2.0000E-03	4.9655E-02	3.1795E-01	2.9915E-02	5.4653E-01	4.9168E+01	-4.3023E-01	2.4399E+01	-2.0821E-01	9.1975E+00	-7.7205E-02
5.0000E-03	8.0444E-02	5.0213E-01	6.2454E-02	6.7070E-01	2.6502E+01	-5.9647E-01	1.7574E+01	-3.8098E-01	8.1433E+00	-1.7108E-01
1.0000E-02	1.3398E-01	6.1234E-01	1.1722E-01	7.2052E-01	1.4832E+01	-6.7887E-01	1.1731E+01	-5.1814E-01	6.7561E+00	-2.8487E-01
1.5000E-02	1.8816E-01	6.5509E-01	1.7207E-01	7.3448E-01	1.0279E+01	-7.0956E-01	8.7428E+00	-5.8487E-01	5.7287E+00	-3.6333E-01
2.0000E-02	2.4246E-01	6.7406E-01	2.2689E-01	7.3713E-01	7.8623E+00	-7.2445E-01	6.9539E+00	-6.2299E-01	4.9538E+00	-4.1931E-01
2.5000E-02	2.9672E-01	6.8121E-01	2.8165E-01	7.3389E-01	6.3651E+00	-7.3221E-01	5.7685E+00	-6.4665E-01	4.3548E+00	-4.6031E-01
3.0000E-02	3.5082E-01	6.8112E-01	3.3627E-01	7.2668E-01	5.3470E+00	-7.3598E-01	4.9270E+00	-6.6189E-01	3.8810E+00	-4.9088E-01
3.5000E-02	4.0467E-01	6.7596E-01	3.9070E-01	7.1635E-01	4.6098E+00	-7.3717E-01	4.2995E+00	-6.7169E-01	3.4982E+00	-5.1387E-01
4.0000E-02	4.5815E-01	6.6685E-01	4.4482E-01	7.0334E-01	4.0516E+00	-7.3649E-01	3.8139E+00	-6.7770E-01	3.1834E+00	-5.3115E-01
5.0000E-02	5.6340E-01	6.3933E-01	5.5157E-01	6.7030E-01	3.2627E+00	-7.3104E-01	3.1120E+00	-6.8190E-01	2.6976E+00	-5.5334E-01
6.0000E-02	6.6507E-01	6.0184E-01	6.5510E-01	6.2900E-01	2.7323E+00	-7.2140E-01	2.6300E+00	-6.7885E-01	2.3418E+00	-5.6380E-01
8.0000E-02	8.4962E-01	5.0493E-01	8.4430E-01	5.2656E-01	2.0665E+00	-6.9236E-01	2.0131E+00	-6.5815E-01	1.8588E+00	-5.6186E-01
1.0000E-01	9.9424E-01	3.9113E-01	9.9400E-01	4.0795E-01	1.6691E+00	-6.5248E-01	1.6389E+00	-6.2339E-01	1.5505E+00	-5.3969E-01
1.5000E-01	1.1336E+00	1.3194E-01	1.1398E+00	1.3780E-01	1.1630E+00	-5.1624E-01	1.1565E+00	-4.9505E-01	1.1372E+00	-4.3307E-01
2.0000E-01	1.0872E+00	2.5399E-03	1.0913E+00	2.6526E-03	9.5710E-01	-3.5280E-01	9.5878E-01	-3.3814E-01	9.6373E-01	-2.9537E-01
3.0000E-01	1.0008E+00	-1.7631E-02	1.0008E+00	-1.8411E-02	8.8058E-01	-8.6602E-02	8.8533E-01	-8.2911E-02	8.9927E-01	-7.2212E-02
4.0000E-01	9.9629E-01	-2.2577E-04	9.9612E-01	-2.3576E-04	9.3825E-01	1.6459E-02	9.4078E-01	1.5761E-02	9.4819E-01	1.3734E-02
5.0000E-01	9.9994E-01	7.8395E-04	9.9994E-01	8.1861E-04	9.8733E-01	2.5118E-02	9.8786E-01	2.4055E-02	9.8941E-01	2.0967E-02
6.0000E-01	1.0002E+00	1.5074E-05	1.0002E+00	1.5740E-05	1.0045E+00	1.1203E-02	1.0043E+00	1.0729E-02	1.0037E+00	9.3515E-03
7.0000E-01	1.0000E+00	-3.4824E-05	1.0000E+00	-3.6364E-05	1.0049E+00	1.7382E-03	1.0047E+00	1.6646E-03	1.0041E+00	1.4509E-03
8.0000E-01	9.9999E-01	-8.9430E-07	9.9999E-01	-9.3385E-07	1.0019E+00	-1.0690E-03	1.0019E+00	-1.0237E-03	1.0016E+00	-8.9227E-04
1.0000E+00	1.0000E+00	4.9740E-08	1.0000E+00	5.1933E-08	9.9976E-01	-3.2677E-04	9.9977E-01	-3.1294E-04	9.9980E-01	-2.7276E-04
1.2000E+00	1.0000E+00	-2.6511E-09	1.0000E+00	-2.7552E-09	9.9995E-01	5.0964E-05	9.9995E-01	4.8806E-05	9.9996E-01	4.2540E-05
1.3000E+00	1.0000E+00	2.9720E-09	1.0000E+00	3.0952E-09	1.0000E+00	3.1727E-05	1.0000E+00	3.0384E-05	1.0000E+00	2.6483E-05
1.5000E+00	1.0000E+00	-1.3583E-10	1.0000E+00	-1.4553E-10	1.0000E+00	-9.3559E-07	1.0000E+00	-8.9598E-07	1.0000E+00	-7.8095E-07
1.7000E+00	1.0000E+00	3.1811E-12	1.0000E+00	6.3622E-12	1.0000E+00	-1.0219E-06	1.0000E+00	-9.7864E-07	1.0000E+00	-8.5300E-07
2.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	7.9647E-08	1.0000E+00	7.6274E-08	1.0000E+00	6.6482E-08
2.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-8.4280E-10	1.0000E+00	-8.0662E-10	1.0000E+00	-7.0413E-10
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-5.3871E-12	1.0000E+00	-4.4893E-12	1.0000E+00	-4.4893E-12
3.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	1.1407E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
4.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	-1.0695E-14	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 2.0000E-01

	SIGMA(3)/SIGMA(1)= 1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	3.1585E+00	-1.2057E-03	1.0000E+00	1.4209E-14	3.1661E-01	1.2057E-03	1.0042E-01	4.1823E-03	3.2049E-02	1.3225E-02
2.0000E-04	3.1547E+00	-2.4078E-03	1.0000E+00	.0000E-01	3.1699E-01	2.4078E-03	1.0084E-01	8.3288E-03	3.2482E-02	2.6099E-02
5.0000E-04	3.1432E+00	-5.9930E-03	1.0000E+00	.0000E-01	3.1814E-01	5.9930E-03	1.0212E-01	2.0557E-02	3.3808E-02	6.2715E-02
1.0000E-03	3.1243E+00	-1.1898E-02	1.0000E+00	.0000E-01	3.2007E-01	1.1898E-02	1.0428E-01	4.0253E-02	3.6111E-02	1.1761E-01
2.0000E-03	3.0869E+00	-2.3448E-02	1.0000E+00	.0000E-01	3.2395E-01	2.3448E-02	1.0872E-01	7.7205E-02	4.0985E-02	2.0821E-01
5.0000E-03	2.9775E+00	-5.6101E-02	1.0000E+00	7.9020E-13	3.3585E-01	5.6101E-02	1.2280E-01	1.7108E-01	5.6901E-02	3.8098E-01
1.0000E-02	2.8060E+00	-1.0437E-01	1.0000E+00	.0000E-01	3.5638E-01	1.0437E-01	1.4802E-01	2.8487E-01	8.5246E-02	5.1814E-01
1.5000E-02	2.6483E+00	-1.4580E-01	1.0000E+00	1.7808E-12	3.7761E-01	1.4580E-01	1.7456E-01	3.6333E-01	1.1438E-01	5.8487E-01
2.0000E-02	2.5040E+00	-1.8131E-01	1.0000E+00	.0000E-01	3.9936E-01	1.8131E-01	2.0187E-01	4.1931E-01	1.4381E-01	6.2299E-01
2.5000E-02	2.3724E+00	-2.1166E-01	1.0000E+00	2.6337E-12	4.2151E-01	2.1166E-01	2.2963E-01	4.6031E-01	1.7336E-01	6.4665E-01
3.0000E-02	2.2526E+00	-2.3753E-01	1.0000E+00	.0000E-01	4.4394E-01	2.3753E-01	2.5767E-01	4.9088E-01	2.0296E-01	6.6189E-01
3.5000E-02	2.1434E+00	-2.5950E-01	1.0000E+00	.0000E-01	4.6654E-01	2.5950E-01	2.8586E-01	5.1387E-01	2.3259E-01	6.7169E-01
4.0000E-02	2.0440E+00	-2.7803E-01	1.0000E+00	.0000E-01	4.8925E-01	2.7803E-01	3.1413E-01	5.3115E-01	2.6220E-01	6.7770E-01
5.0000E-02	1.8702E+00	-3.0641E-01	1.0000E+00	.0000E-01	5.3469E-01	3.0641E-01	3.7070E-01	5.5334E-01	3.2133E-01	6.8190E-01
6.0000E-02	1.7248E+00	-3.2526E-01	1.0000E+00	-8.3551E-12	5.7979E-01	3.2526E-01	4.2703E-01	5.6380E-01	3.8023E-01	6.7885E-01
8.0000E-02	1.4981E+00	-3.4163E-01	1.0000E+00	.0000E-01	6.6751E-01	3.4163E-01	5.3798E-01	5.6186E-01	4.9673E-01	6.5815E-01
1.0000E-01	1.3336E+00	-3.3761E-01	1.0000E+00	-6.3165E-12	7.4987E-01	3.3761E-01	6.4496E-01	5.3969E-01	6.1016E-01	6.2339E-01
1.5000E-01	1.0875E+00	-2.7686E-01	1.0000E+00	.0000E-01	9.1956E-01	2.7686E-01	8.7938E-01	4.3307E-01	8.6467E-01	4.9505E-01
2.0000E-01	9.7652E-01	-1.8832E-01	1.0000E+00	5.4849E-12	1.0240E+00	1.8832E-01	1.0376E+00	2.9537E-01	1.0430E+00	3.3814E-01
3.0000E-01	9.3480E-01	-4.5785E-02	1.0000E+00	-4.7667E-12	1.0698E+00	4.5785E-02	1.1120E+00	7.2212E-02	1.1295E+00	8.2911E-02
4.0000E-01	9.6679E-01	8.7168E-03	1.0000E+00	.0000E-01	1.0344E+00	-8.7168E-03	1.0546E+00	-1.3734E-02	1.0629E+00	-1.5761E-02
5.0000E-01	9.9326E-01	1.3313E-02	1.0000E+00	.0000E-01	1.0068E+00	-1.3313E-02	1.0107E+00	-2.0967E-02	1.0123E+00	-2.4055E-02
6.0000E-01	1.0024E+00	5.9376E-03	1.0000E+00	.0000E-01	9.9764E-01	-5.9376E-03	9.9629E-01	-9.3515E-03	9.9574E-01	-1.0729E-02
7.0000E-01	1.0026E+00	9.2124E-04	1.0000E+00	.0000E-01	9.9743E-01	-9.2124E-04	9.9595E-01	-1.4509E-03	9.9536E-01	-1.6646E-03
8.0000E-01	1.0010E+00	-5.6653E-04	1.0000E+00	.0000E-01	9.9898E-01	5.6653E-04	9.9839E-01	8.9227E-04	9.9815E-01	1.0237E-03
1.0000E+00	9.9987E-01	-1.7319E-04	1.0000E+00	.0000E-01	1.0001E+00	1.7319E-04	1.0002E+00	2.7276E-04	1.0002E+00	3.1294E-04
1.2000E+00	9.9997E-01	2.7010E-05	1.0000E+00	.0000E-01	1.0000E+00	-2.7010E-05	1.0000E+00	-4.2540E-05	1.0001E+00	-4.8806E-05
1.3000E+00	1.0000E+00	1.6815E-05	1.0000E+00	.0000E-01	1.0000E+00	-1.6815E-05	1.0000E+00	-2.6483E-05	1.0000E+00	-3.0384E-05
1.5000E+00	1.0000E+00	-4.9586E-07	1.0000E+00	.0000E-01	1.0000E+00	4.9586E-07	1.0000E+00	7.8095E-07	9.9999E-01	8.9597E-07
1.7000E+00	1.0000E+00	-5.4160E-07	1.0000E+00	.0000E-01	1.0000E+00	5.4160E-07	1.0000E+00	8.5300E-07	1.0000E+00	9.7864E-07
2.0000E+00	1.0000E+00	4.2212E-08	1.0000E+00	.0000E-01	1.0000E+00	-4.2211E-08	1.0000E+00	-6.6480E-08	1.0000E+00	-7.6271E-08
2.5000E+00	1.0000E+00	-4.4659E-10	1.0000E+00	.0000E-01	1.0000E+00	4.4659E-10	1.0000E+00	7.0326E-10	1.0000E+00	8.0662E-10
3.0000E+00	1.0000E+00	-2.6936E-12	1.0000E+00	4.4893E-13	1.0000E+00	2.6936E-12	1.0000E+00	4.4893E-12	1.0000E+00	4.9382E-12
3.5000E+00	1.0000E+00	1.1407E-13	1.0000E+00	.0000E-01	1.0000E+00	-1.1407E-13	1.0000E+00	-5.7036E-13	1.0000E+00	-5.7036E-13
4.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	1.1433E-13	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	-1.0695E-14	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01	1.0000E+00	.0000E-01

SIGMA(2)/SIGMA(1)= 1.0000E+00

	H(1)/H(2)= 2.0000E-01		H(1)/H(2)= 5.0000E-01							
	SIGMA(3)/SIGMA(1)= 1.0000E+04		SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0433E-02	4.0673E-02	9.7902E+01	-2.0767E-02	3.1412E+01	-6.6567E-03	9.9790E+00	-2.0956E-03	3.1604E+00	-6.0329E-04
2.0000E-04	1.0882E-02	7.8049E-02	9.5851E+01	-4.0673E-02	3.1202E+01	-1.3225E-02	9.9581E+00	-4.1823E-03	3.1585E+00	-1.2057E-03
5.0000E-04	1.2305E-02	1.7323E-01	8.9999E+01	-9.5592E-02	3.0581E+01	-3.2408E-02	9.8956E+00	-1.0389E-02	3.1527E+00	-3.0076E-03
1.0000E-03	1.4861E-02	2.8947E-01	8.1266E+01	-1.7323E-01	2.9578E+01	-6.2715E-02	9.7922E+00	-2.0557E-02	3.1432E+00	-5.9930E-03
2.0000E-03	2.0338E-02	4.3023E-01	6.7292E+01	-2.8947E-01	2.7693E+01	-1.1761E-01	9.5891E+00	-4.0253E-02	3.1243E+00	-1.1898E-02
5.0000E-03	3.7733E-02	5.9647E-01	4.3152E+01	-4.7520E-01	2.2974E+01	-2.4572E-01	9.0093E+00	-9.4535E-02	3.0683E+00	-2.9096E-02
1.0000E-02	6.7422E-02	6.7887E-01	2.6502E+01	-5.9647E-01	1.7574E+01	-3.8098E-01	8.1433E+00	-1.7108E-01	2.9775E+00	-5.6101E-02
1.5000E-02	9.7283E-02	7.0956E-01	1.9034E+01	-6.4954E-01	1.4102E+01	-4.6348E-01	7.3970E+00	-2.3350E-01	2.8900E+00	-8.1149E-02
2.0000E-02	1.2719E-01	7.2445E-01	1.4832E+01	-6.7887E-01	1.1731E+01	-5.1814E-01	6.7561E+00	-2.8487E-01	2.8060E+00	-1.0437E-01
2.5000E-02	1.5711E-01	7.3221E-01	1.2144E+01	-6.9722E-01	1.0024E+01	-5.5660E-01	6.2048E+00	-3.2755E-01	2.7254E+00	-1.2588E-01
3.0000E-02	1.8702E-01	7.3598E-01	1.0279E+01	-7.0956E-01	8.7428E+00	-5.8487E-01	5.7287E+00	-3.6333E-01	2.6483E+00	-1.4580E-01
3.5000E-02	2.1693E-01	7.3717E-01	8.9100E+00	-7.1822E-01	7.7477E+00	-6.0633E-01	5.3152E+00	-3.9357E-01	2.5745E+00	-1.6425E-01
4.0000E-02	2.4681E-01	7.3649E-01	7.8623E+00	-7.2445E-01	6.9539E+00	-6.2299E-01	4.9538E+00	-4.1931E-01	2.5040E+00	-1.8131E-01
5.0000E-02	3.0650E-01	7.3104E-01	6.3651E+00	-7.3221E-01	5.7685E+00	-6.4665E-01	4.3548E+00	-4.6031E-01	2.3724E+00	-2.1166E-01
6.0000E-02	3.6599E-01	7.2140E-01	5.3470E+00	-7.3598E-01	4.9270E+00	-6.6189E-01	3.8810E+00	-4.9088E-01	2.2526E+00	-2.3753E-01
8.0000E-02	4.8391E-01	6.9236E-01	4.0516E+00	-7.3649E-01	3.8139E+00	-6.7770E-01	3.1834E+00	-5.3115E-01	2.0440E+00	-2.7803E-01
1.0000E-01	5.9914E-01	6.5248E-01	3.2627E+00	-7.3104E-01	3.1120E+00	-6.8190E-01	2.6976E+00	-5.5334E-01	1.8702E+00	-3.0641E-01
1.5000E-01	8.5981E-01	5.1624E-01	2.1997E+00	-7.0071E-01	2.1375E+00	-6.6483E-01	1.9587E+00	-5.6460E-01	1.5480E+00	-3.3977E-01
2.0000E-01	1.0448E+00	3.5280E-01	1.6691E+00	-6.5248E-01	1.6389E+00	-6.2339E-01	1.5505E+00	-5.3969E-01	1.3336E+00	-3.3761E-01
3.0000E-01	1.1356E+00	8.6602E-02	1.1630E+00	-5.1624E-01	1.1565E+00	-4.9505E-01	1.1372E+00	-4.3307E-01	1.0875E+00	-2.7686E-01
4.0000E-01	1.0658E+00	-1.6459E-02	9.5710E-01	-3.5280E-01	9.5878E-01	-3.3814E-01	9.6373E-01	-2.9537E-01	9.7652E-01	-1.8832E-01
5.0000E-01	1.0128E+00	-2.5118E-02	8.8527E-01	-2.0036E-01	8.8978E-01	-1.9187E-01	9.0304E-01	-1.6722E-01	9.3707E-01	-1.0616E-01
6.0000E-01	9.9555E-01	-1.1203E-02	8.8058E-01	-8.6602E-02	8.8533E-01	-8.2911E-02	8.9927E-01	-7.2212E-02	9.3480E-01	-4.5785E-02
7.0000E-01	9.9515E-01	-1.7382E-03	9.0558E-01	-1.7233E-02	9.0939E-01	-1.6500E-02	9.2056E-01	-1.4374E-02	9.4882E-01	-9.1172E-03
8.0000E-01	9.9807E-01	1.0690E-03	9.3825E-01	1.6459E-02	9.4078E-01	1.5761E-02	9.4819E-01	1.3734E-02	9.6679E-01	8.7168E-03
1.0000E+00	1.0002E+00	3.2677E-04	9.8733E-01	2.5118E-02	9.8786E-01	2.4055E-02	9.8941E-01	2.0967E-02	9.9326E-01	1.3313E-02
1.2000E+00	1.0001E+00	-5.0964E-05	1.0045E+00	1.1203E-02	1.0043E+00	1.0729E-02	1.0037E+00	9.3515E-03	1.0024E+00	5.9376E-03
1.3000E+00	1.0000E+00	-3.1727E-05	1.0057E+00	5.4791E-03	1.0055E+00	5.2471E-03	1.0047E+00	4.5735E-03	1.0030E+00	2.9038E-03
1.5000E+00	9.9999E-01	9.3559E-07	1.0034E+00	-2.7247E-04	1.0032E+00	-2.6093E-04	1.0028E+00	-2.2743E-04	1.0018E+00	-1.4441E-04
1.7000E+00	1.0000E+00	1.0219E-06	1.0009E+00	-1.1581E-03	1.0008E+00	-1.1091E-03	1.0007E+00	-9.6667E-04	1.0005E+00	-6.1377E-04
2.0000E+00	1.0000E+00	-7.9643E-08	9.9976E-01	-3.2677E-04	9.9977E-01	-3.1294E-04	9.9980E-01	-2.7276E-04	9.9987E-01	-1.7319E-04
2.5000E+00	1.0000E+00	8.4280E-10	9.9998E-01	4.4899E-05	9.9998E-01	4.2998E-05	9.9998E-01	3.7478E-05	9.9999E-01	2.3796E-05
3.0000E+00	1.0000E+00	5.8360E-12	1.0000E+00	-9.3561E-07	1.0000E+00	-8.9600E-07	1.0000E+00	-7.8097E-07	1.0000E+00	-4.9587E-07
3.5000E+00	1.0000E+00	-6.8443E-13	1.0000E+00	-5.2784E-07	1.0000E+00	-5.0549E-07	1.0000E+00	-4.4059E-07	1.0000E+00	-2.7975E-07
4.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	7.9646E-08	1.0000E+00	7.6273E-08	1.0000E+00	6.6481E-08	1.0000E+00	4.2211E-08
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	-2.4043E-09	1.0000E+00	-2.3025E-09	1.0000E+00	-2.0069E-09	1.0000E+00	-1.2742E-09
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	-8.4292E-10	1.0000E+00	-8.0722E-10	1.0000E+00	-7.0357E-10	1.0000E+00	-4.4676E-10

SIGMA(2)/SIGMA(1)= 1.0000E+00

H(1)/H(2)= 5.0000E-01

	SIGMA(3)/SIGMA(1)= 1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0000E+00	7.1044E-15	3.1642E-01	6.0329E-04	1.0021E-01	2.0956E-03	3.1835E-02	6.6567E-03	1.0214E-02	2.0767E-02
2.0000E-04	1.0000E+00	1.4207E-14	3.1661E-01	1.2057E-03	1.0042E-01	4.1823E-03	3.2049E-02	1.3225E-02	1.0433E-02	4.0673E-02
5.0000E-04	1.0000E+00	.0000E-01	3.1718E-01	3.0076E-03	1.0106E-01	1.0389E-02	3.2700E-02	3.2408E-02	1.1111E-02	9.5592E-02
1.0000E-03	1.0000E+00	5.6763E-14	3.1814E-01	5.9930E-03	1.0212E-01	2.0557E-02	3.3808E-02	6.2715E-02	1.2305E-02	1.7323E-01
2.0000E-03	1.0000E+00	.0000E-01	3.2007E-01	1.1898E-02	1.0428E-01	4.0253E-02	3.6111E-02	1.1761E-01	1.4861E-02	2.8947E-01
5.0000E-03	1.0000E+00	.0000E-01	3.2591E-01	2.9096E-02	1.1100E-01	9.4535E-02	4.3527E-02	2.4572E-01	2.3174E-02	4.7520E-01
1.0000E-02	1.0000E+00	.0000E-01	3.3585E-01	5.6101E-02	1.2280E-01	1.7108E-01	5.6901E-02	3.8098E-01	3.7733E-02	5.9647E-01
1.5000E-02	1.0000E+00	8.9040E-13	3.4602E-01	8.1149E-02	1.3519E-01	2.3350E-01	7.0913E-02	4.6348E-01	5.2536E-02	6.4954E-01
2.0000E-02	1.0000E+00	.0000E-01	3.5638E-01	1.0437E-01	1.4802E-01	2.8487E-01	8.5246E-02	5.1814E-01	6.7422E-02	6.7887E-01
2.5000E-02	1.0000E+00	.0000E-01	3.6692E-01	1.2588E-01	1.6116E-01	3.2755E-01	9.9759E-02	5.5660E-01	8.2343E-02	6.9722E-01
3.0000E-02	1.0000E+00	.0000E-01	3.7761E-01	1.4580E-01	1.7456E-01	3.6333E-01	1.1438E-01	5.8487E-01	9.7283E-02	7.0956E-01
3.5000E-02	1.0000E+00	.0000E-01	3.8843E-01	1.6425E-01	1.8814E-01	3.9357E-01	1.2907E-01	6.0633E-01	1.1223E-01	7.1822E-01
4.0000E-02	1.0000E+00	.0000E-01	3.9936E-01	1.8131E-01	2.0187E-01	4.1931E-01	1.4381E-01	6.2299E-01	1.2719E-01	7.2445E-01
5.0000E-02	1.0000E+00	3.3896E-12	4.2151E-01	2.1166E-01	2.2963E-01	4.6031E-01	1.7336E-01	6.4665E-01	1.5711E-01	7.3221E-01
6.0000E-02	1.0000E+00	.0000E-01	4.4394E-01	2.3753E-01	2.5767E-01	4.9088E-01	2.0296E-01	6.6189E-01	1.8702E-01	7.3598E-01
8.0000E-02	1.0000E+00	3.2488E-12	4.8925E-01	2.7803E-01	3.1413E-01	5.3115E-01	2.6220E-01	6.7770E-01	2.4681E-01	7.364[illegible]E-01
1.0000E-01	1.0000E+00	.0000E-01	5.3469E-01	3.0641E-01	3.7070E-01	5.5334E-01	3.2133E-01	6.8190E-01	3.0650E-01	7.3104E-01
1.5000E-01	1.0000E+00	-1.1771E-11	6.4600E-01	3.3977E-01	5.1053E-01	5.6460E-01	4.6783E-01	6.6483E-01	4.5461E-01	7.0071E-01
2.0000E-01	1.0000E+00	.0000E-01	7.4987E-01	3.3761E-01	6.4496E-01	5.3969E-01	6.1016E-01	6.2339E-01	5.9914E-01	6.5248E-01
3.0000E-01	1.0000E+00	.0000E-01	9.1956E-01	2.7686E-01	8.7938E-01	4.3307E-01	8.6467E-01	4.9505E-01	8.5981E-01	5.1624E-01
4.0000E-01	1.0000E+00	.0000E-01	1.0240E+00	1.8832E-01	1.0376E+00	2.9537E-01	1.0430E+00	3.3814E-01	1.0448E+00	3.5280E-01
5.0000E-01	1.0000E+00	7.2498E-12	1.0672E+00	1.0616E-01	1.1074E+00	1.6722E-01	1.1239E+00	1.9187E-01	1.1296E+00	2.0036E-01
6.0000E-01	1.0000E+00	.0000E-01	1.0698E+00	4.5785E-02	1.1120E+00	7.2212E-02	1.1295E+00	8.2911E-02	1.1356E+00	8.6602E-02
7.0000E-01	1.0000E+00	.0000E-01	1.0539E+00	9.1172E-03	1.0863E+00	1.4374E-02	1.0996E+00	1.6500E-02	1.1043E+00	1.7233E-02
8.0000E-01	1.0000E+00	.0000E-01	1.0344E+00	-8.7168E-03	1.0546E+00	-1.3734E-02	1.0629E+00	-1.5761E-02	1.0658E+00	-1.6459E-02
1.0000E+00	1.0000E+00	.0000E-01	1.0068E+00	-1.3313E-02	1.0107E+00	-2.0967E-02	1.0123E+00	-2.4055E-02	1.0128E+00	-2.5118E-02
1.2000E+00	1.0000E+00	.0000E-01	9.9764E-01	-5.9376E-03	9.9629E-01	-9.3515E-03	9.9574E-01	-1.0729E-02	9.9555E-01	-1.1203E-02
1.3000E+00	1.0000E+00	.0000E-01	9.9700E-01	-2.9038E-03	9.9527E-01	-4.5735E-03	9.9458E-01	-5.2471E-03	9.9434E-01	-5.4791E-03
1.5000E+00	1.0000E+00	-3.2340E-12	9.9822E-01	1.4441E-04	9.9719E-01	2.2743E-04	9.9678E-01	2.6093E-04	9.9664E-01	2.7247E-04
1.7000E+00	1.0000E+00	.0000E-01	9.9954E-01	6.1377E-04	9.9928E-01	9.6667E-04	9.9917E-01	1.1091E-03	9.9914E-01	1.1581E-03
2.0000E+00	1.0000E+00	.0000E-01	1.0001E+00	1.7319E-04	1.0002E+00	2.7276E-04	1.0002E+00	3.1294E-04	1.0002E+00	3.2677E-04
2.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	-2.3796E-05	1.0000E+00	-3.7478E-05	1.0000E+00	-4.2998E-05	1.0000E+00	-4.4899E-05
3.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	4.9587E-07	1.0000E+00	7.8097E-07	9.9999E-01	8.9600E-07	9.9999E-01	9.3561E-07
3.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	2.7975E-07	1.0000E+00	4.4059E-07	1.0000E+00	5.0549E-07	1.0000E+00	5.2784E-07
4.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	-4.2211E-08	1.0000E+00	-6.6481E-08	1.0000E+00	-7.6273E-08	1.0000E+00	-7.9646E-08
4.5000E+00	1.0000E+00	.0000E-01	1.0000E+00	1.2742E-09	1.0000E+00	2.0069E-09	1.0000E+00	2.3025E-09	1.0000E+00	2.4043E-09
5.0000E+00	1.0000E+00	.0000E-01	1.0000E+00	4.4676E-10	1.0000E+00	7.0361E-10	1.0000E+00	8.0728E-10	1.0000E+00	8.4299E-10

SIGMA(2)/SIGMA(1)= 1.0000E+01

M(1)/M(2)= 2.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)
1.0000E-04	1.7360E+01	-6.6223E-01	1.3188E+01	-4.8590E-01	7.1462E+00	-2.5546E-01	2.8326E+00	-9.9248E-02	9.6871E-01	-3.0600E-02
2.0000E-04	9.3027E+00	-7.1917E-01	8.0283E+00	-6.0442E-01	5.4101E+00	-3.9220E-01	2.5469E+00	-1.7867E-01	9.3853E-01	-5.8867E-02
5.0000E-04	3.8815E+00	-7.5563E-01	3.6542E+00	-7.0104E-01	3.0449E+00	-5.6525E-01	1.9178E+00	-3.3802E-01	8.5516E-01	-1.3122E-01
1.0000E-03	1.9687E+00	-7.6243E-01	1.9107E+00	-7.3312E-01	1.7408E+00	-6.5110E-01	1.3319E+00	-4.6916E-01	7.3970E-01	-2.1833E-01
2.0000E-03	9.9235E-01	-7.4269E-01	9.7843E-01	-7.2688E-01	9.3603E-01	-6.7976E-01	8.1847E-01	-5.5514E-01	5.7850E-01	-3.0980E-01
5.0000E-03	4.1159E-01	-5.6718E-01	4.1038E-01	-5.5949E-01	4.0666E-01	-5.3579E-01	3.9562E-01	-4.6663E-01	3.6748E-01	-2.9352E-01
1.0000E-02	2.8284E-01	-1.4030E-01	2.8335E-01	-1.3812E-01	2.8490E-01	-1.3143E-01	2.8947E-01	-1.1201E-01	3.0115E-01	-6.3927E-02
1.5000E-02	3.0546E-01	4.5598E-02	3.0573E-01	4.5373E-02	3.0656E-01	4.4682E-02	3.0898E-01	4.2675E-02	3.1505E-01	3.7710E-02
2.0000E-02	3.2784E-01	5.9525E-02	3.2786E-01	5.9238E-02	3.2791E-01	5.8352E-02	3.2808E-01	5.5782E-02	3.2849E-01	4.9411E-02
2.5000E-02	3.3439E-01	5.1460E-02	3.3436E-01	5.1404E-02	3.3428E-01	5.1231E-02	3.3406E-01	5.0729E-02	3.3349E-01	4.9486E-02
3.0000E-02	3.3652E-01	5.5030E-02	3.3651E-01	5.5044E-02	3.3648E-01	5.5089E-02	3.3640E-01	5.5219E-02	3.3620E-01	5.5541E-02
3.5000E-02	3.3920E-01	6.3934E-02	3.3920E-01	6.3944E-02	3.3920E-01	6.3974E-02	3.3921E-01	6.4062E-02	3.3921E-01	6.4281E-02
4.0000E-02	3.4253E-01	7.2920E-02	3.4253E-01	7.2921E-02	3.4253E-01	7.2925E-02	3.4254E-01	7.2935E-02	3.4257E-01	7.2962E-02
5.0000E-02	3.4945E-01	8.9109E-02	3.4945E-01	8.9108E-02	3.4945E-01	8.9107E-02	3.4945E-01	8.9104E-02	3.4945E-01	8.9097E-02
6.0000E-02	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01
8.0000E-02	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01
1.0000E-01	3.8481E-01	1.5826E-01	3.8481E-01	1.5826E-01	3.8481E-01	1.5826E-01	3.8481E-01	1.5826E-01	3.8461E-01	1.5826E-01
1.5000E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01
2.0000E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01
3.0000E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01
4.0000E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9668E-01	-1.3745E-02	9.9669E-01	-1.3686E-02	9.9674E-01	-1.3500E-02			9.9728E-01	-1.1269E-02
4.0000E+00			9.9439E-01	-4.0698E-03			9.9470E-01	-3.8445E-03		
4.5000E+00	9.9658E-01	2.7742E-04					9.9678E-01	2.6093E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9880E-01	1.2017E-03	9.9881E-01	1.1965E-03	9.9883E-01	1.1803E-03	9.9888E-01	1.1303E-03	9.9902E-01	9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

M(1)/M(2)= 2.0000E-02 (first four column pairs); H(1)/H(2)= 5.0000E-02 (last column pair)

V	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	H(1)/H(2)= 5.0000E-02 SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)
1.0000E-04	3.1629E-01	2.0120E-04	1.0330E-01	3.1264E-02	3.5374E-02	1.0088E-01	1.4071E-02	2.5871E-01	3.5618E+01	-5.3077E-01
2.0000E-04	3.1636E-01	4.0229E-04	1.0670E-01	6.0131E-02	3.9413E-02	1.8133E-01	1.8650E-02	3.9593E-01	2.0923E+01	-6.3683E-01
5.0000E-04	3.1655E-01	1.0050E-03	1.1733E-01	1.3397E-01	5.2554E-02	3.4193E-01	3.3282E-02	5.6834E-01	9.2768E+00	-7.1932E-01
1.0000E-03	3.1686E-01	2.0075E-03	1.3604E-01	2.2290E-01	7.5955E-02	4.7348E-01	5.8341E-02	6.5367E-01	4.8039E+00	-7.4980E-01
2.0000E-03	3.1750E-01	4.0052E-03	1.7471E-01	3.1726E-01	1.2399E-01	5.6056E-01	1.0865E-01	6.8338E-01	2.4448E+00	-7.6181E-01
5.0000E-03	3.1943E-01	9.9394E-03	2.7769E-01	3.1183E-01	2.5795E-01	4.8271E-01	2.5094E-01	5.5074E-01	9.8954E-01	-7.3980E-01
1.0000E-02	3.2265E-01	1.9636E-02	3.4560E-01	1.0339E-01	3.5939E-01	1.5174E-01	3.6508E-01	1.7130E-01	5.0388E-01	-6.3030E-01
1.5000E-02	3.2591E-01	2.9096E-02	3.3716E-01	2.0497E-02	3.4382E-01	1.5554E-02	3.4654E-01	1.3559E-02	3.5610E-01	-4.5844E-01
2.0000E-02	3.2920E-01	3.8323E-02	3.2991E-01	2.7229E-02	3.3032E-01	2.0848E-02	3.3049E-01	1.8272E-02	3.0271E-01	-2.6574E-01
2.5000E-02	3.3251E-01	4.7323E-02	3.3154E-01	4.5162E-02	3.3098E-01	4.3919E-02	3.3075E-01	4.3418E-02	2.9112E-01	-1.0180E-01
3.0000E-02	3.3585E-01	5.6101E-02	3.3550E-01	5.6661E-02	3.3530E-01	5.6983E-02	3.3522E-01	5.7113E-02	2.9881E-01	8.8824E-03
3.5000E-02	3.3922E-01	6.4661E-02	3.3922E-01	6.5041E-02	3.3923E-01	6.5260E-02	3.3923E-01	6.5348E-02	3.1336E-01	7.0454E-02
4.0000E-02	3.4261E-01	7.3009E-02	3.4264E-01	7.3055E-02	3.4267E-01	7.3082E-02	3.4268E-01	7.3093E-02	3.2807E-01	9.8362E-02
5.0000E-02	3.4945E-01	8.9085E-02	3.4945E-01	8.9073E-02	3.4945E-01	8.9066E-02	3.4945E-01	8.9063E-02	3.4856E-01	1.0899E-01
6.0000E-02	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01	3.5638E-01	1.0437E-01	3.5841E-01	1.1002E-01
8.0000E-02	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01	3.7047E-01	1.3269E-01	3.7070E-01	1.3159E-01
1.0000E-01	3.8481E-01	1.5826E-01	3.8481E-01	1.5826E-01	3.8481E-01	1.5826E-01	3.8481E-01	1.5826E-01	3.8473E-01	1.5820E-01
1.5000E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01
2.0000E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01
3.0000E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01
4.0000E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03					1.0027E+00	1.1269E-02	9.9827E-01	-7.1550E-03
4.0000E+00					1.0029E+00	2.1276E-03	1.0046E+00	3.3510E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04			1.0018E+00	-1.4441E-04			9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	1.0000E+00	.0000E-01	1.0006E+00	-6.2553E-04	1.0010E+00	-9.8518E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

H(1)/H(2)= 5.0000E-02

V	SIGMA(3)/SIGMA(1)= 1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)= 1.0000E+01 Q(AMP)	Q(PHASE)
1.0000E-04	2.0839E+01	-3.0062E-01	8.6899E+00	-1.2365E-01	3.0249E+00	-4.2513E-02	9.8735E-01	-1.2528E-02	3.1629E-01	2.0120E-04
2.0000E-04	1.5053E+01	-4.4199E-01	7.6048E+00	-2.1751E-01	2.8944E+00	-8.1338E-02	9.7488E-01	-2.4663E-02	3.1636E-01	4.0229E-04
5.0000E-04	8.0094E+00	-6.0482E-01	5.4022E+00	-3.9277E-01	2.5455E+00	-1.7901E-01	9.3853E-01	-5.8815E-02	3.1655E-01	1.0050E-03
1.0000E-03	4.4564E+00	-6.8377E-01	3.5662E+00	-5.2821E-01	2.0931E+00	-2.9533E-01	8.8175E-01	-1.0883E-01	3.1686E-01	2.0075E-03
2.0000E-03	2.3549E+00	-7.2601E-01	2.0971E+00	-6.2877E-01	1.5179E+00	-4.2908E-01	7.8261E-01	-1.8705E-01	3.1750E-01	4.0052E-03
5.0000E-03	9.7575E-01	-7.2399E-01	9.3374E-01	-6.7686E-01	8.1721E-01	-5.5213E-01	5.7899E-01	-3.0600E-01	3.1943E-01	9.9394E-03
1.0000E-02	5.0135E-01	-6.2114E-01	4.9350E-01	-5.9303E-01	4.7042E-01	-5.1185E-01	4.1312E-01	-3.1401E-01	3.2265E-01	1.9636E-02
1.5000E-02	3.5574E-01	-4.5198E-01	3.5459E-01	-4.3209E-01	3.5117E-01	-3.7394E-01	3.4224E-01	-2.2790E-01	3.2591E-01	2.9096E-02
2.0000E-02	3.0305E-01	-2.6165E-01	3.0410E-01	-2.4906E-01	3.0720E-01	-2.1242E-01	3.1506E-01	-1.2115E-01	3.2920E-01	3.8323E-02
2.5000E-02	2.9165E-01	-9.9777E-02	2.9327E-01	-9.3554E-02	2.9804E-01	-7.5488E-02	3.1021E-01	-3.0712E-02	3.3251E-01	4.7323E-02
3.0000E-02	2.9929E-01	9.5187E-03	3.0075E-01	1.1476E-02	3.0505E-01	1.7164E-02	3.1596E-01	3.1304E-02	3.3585E-01	5.6101E-02
3.5000E-02	3.1369E-01	7.0372E-02	3.1473E-01	7.0122E-02	3.1777E-01	6.9401E-02	3.2543E-01	6.7639E-02	3.3922E-01	6.4661E-02
4.0000E-02	3.2827E-01	9.8018E-02	3.2886E-01	9.6959E-02	3.3059E-01	9.3887E-02	3.3492E-01	8.6269E-02	3.4261E-01	7.3009E-02
5.0000E-02	3.4857E-01	1.0872E-01	3.4861E-01	1.0789E-01	3.4872E-01	1.0548E-01	3.4899E-01	9.9497E-02	3.4945E-01	8.9085E-02
6.0000E-02	3.5838E-01	1.0995E-01	3.5830E-01	1.0971E-01	3.5805E-01	1.0902E-01	3.5744E-01	1.0732E-01	3.5638E-01	1.0437E-01
8.0000E-02	3.7070E-01	1.3160E-01	3.7069E-01	1.3165E-01	3.7066E-01	1.3178E-01	3.7059E-01	1.3211E-01	3.7047E-01	1.3269E-01
1.0000E-01	3.8473E-01	1.5820E-01	3.8474E-01	1.5821E-01	3.8475E-01	1.5821E-01	3.8477E-01	1.5823E-01	3.8481E-01	1.5826E-01
1.5000E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01
2.0000E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01
3.0000E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01
4.0000E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

H(1)/H(2)= 5.0000E-02 (first three column pairs); H(1)/H(2)= 1.0000E-01 (last two column pairs)

V	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	H(1)/H(2)= 1.0000E-01 SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)
1.0000E-04	1.0135E-01	1.3213E-02	3.3126E-02	4.4372E-02	1.1579E-02	1.2844E-01	5.3851E+01	-3.9475E-01	2.5370E+01	-1.8217E-01
2.0000E-04	1.0272E-01	2.6005E-02	3.4689E-02	8.4744E-02	1.3302E-02	2.2480E-01	3.5496E+01	-5.3167E-01	2.0801E+01	-3.0159E-01
5.0000E-04	1.0692E-01	6.1968E-02	3.9660E-02	1.8562E-01	1.8928E-02	4.0194E-01	1.7241E+01	-6.6305E-01	1.3122E+01	-4.8743E-01
1.0000E-03	1.1419E-01	1.1455E-01	4.8581E-02	3.0442E-01	2.8914E-02	5.3636E-01	9.2340E+00	-7.1958E-01	7.9779E+00	-6.0548E-01
2.0000E-03	1.2944E-01	1.9676E-01	6.7600E-02	4.3945E-01	4.9470E-02	6.3525E-01	4.7809E+00	-7.4976E-01	4.4368E+00	-6.8400E-01
5.0000E-03	1.7735E-01	3.2442E-01	1.2691E-01	5.6546E-01	1.1163E-01	6.8579E-01	1.9533E+00	-7.6057E-01	1.8964E+00	-7.3143E-01
1.0000E-02	2.5256E-01	3.4899E-01	2.2236E-01	5.4040E-01	2.1218E-01	6.1818E-01	9.8489E-01	-7.3497E-01	9.7132E-01	-7.1917E-01
1.5000E-02	3.1001E-01	2.8345E-01	3.0162E-01	4.2574E-01	2.9845E-01	4.8198E-01	6.6143E-01	-6.8374E-01	6.5608E-01	-6.7234E-01
2.0000E-02	3.4346E-01	1.9741E-01	3.5148E-01	2.8807E-01	3.5466E-01	3.2440E-01	5.0301E-01	-6.1152E-01	5.0059E-01	-6.0234E-01
2.5000E-02	3.5620E-01	1.2583E-01	3.7040E-01	1.7131E-01	3.7625E-01	1.8974E-01	4.1305E-01	-5.2203E-01	4.1202E-01	-5.1435E-01
3.0000E-02	3.5700E-01	8.1269E-02	3.6977E-01	9.5961E-02	3.7505E-01	1.0194E-01	3.5938E-01	-4.2080E-01	3.5911E-01	-4.1443E-01
3.5000E-02	3.5364E-01	6.1787E-02	3.6224E-01	6.0180E-02	3.6577E-01	5.9540E-02	3.2800E-01	-3.1524E-01	3.2817E-01	-3.1015E-01
4.0000E-02	3.5050E-01	5.9728E-02	3.5513E-01	5.2079E-02	3.5701E-01	4.8989E-02	3.1148E-01	-2.1325E-01	3.1189E-01	-2.0939E-01
5.0000E-02	3.4991E-01	7.8659E-02	3.5018E-01	7.2659E-02	3.5029E-01	7.0237E-02	3.0580E-01	-4.3299E-02	3.0636E-01	-4.1514E-02
6.0000E-02	3.5532E-01	1.0141E-01	3.5471E-01	9.9716E-02	3.5447E-01	9.9032E-02	3.1890E-01	6.8079E-02	3.1938E-01	6.8559E-02
8.0000E-02	3.7034E-01	1.3327E-01	3.7027E-01	1.3360E-01	3.7024E-01	1.3374E-01	3.5692E-01	1.5881E-01	3.5710E-01	1.5845E-01
1.0000E-01	3.8485E-01	1.5829E-01	3.8487E-01	1.5830E-01	3.8488E-01	1.5831E-01	3.8460E-01	1.7605E-01	3.8460E-01	1.7581E-01
1.5000E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2151E-01	2.1166E-01	4.2205E-01	2.1054E-01	4.2204E-01	2.1055E-01
2.0000E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5899E-01	2.5258E-01	4.5892E-01	2.5256E-01	4.5892E-01	2.5256E-01
3.0000E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0640E-01	5.3469E-01	3.0640E-01
4.0000E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)
1.0000E-04	9.3135E+00	-6.6480E-02	3.0924E+00	-2.1835E-02	9.9366E-01	-6.3129E-03	3.1629E-01	2.0120E-04	1.0071E-01	7.0052E-03
2.0000E-04	8.6840E+00	-1.2418E-01	3.0243E+00	-4.2694E-02	9.8735E-01	-1.2524E-02	3.1636E-01	4.0229E-04	1.0142E-01	1.3894E-02
5.0000E-04	7.1288E+00	-2.5686E-01	2.8304E+00	-9.9858E-02	9.6871E-01	-3.0565E-02	3.1655E-01	1.0050E-03	1.0359E-01	3.3878E-02
1.0000E-03	5.3888E+00	-3.9372E-01	2.5431E+00	-1.7958E-01	9.3853E-01	-5.8730E-02	3.1686E-01	2.0075E-03	1.0729E-01	6.5014E-02
2.0000E-03	3.5542E+00	-5.2884E-01	2.0897E+00	-2.9590E-01	8.8176E-01	-1.0850E-01	3.1750E-01	4.0052E-03	1.1496E-01	1.1987E-01
5.0000E-03	1.7294E+00	-6.4975E-01	1.3264E+00	-4.6796E-01	7.4001E-01	-2.1537E-01	3.1943E-01	9.9394E-03	1.3940E-01	2.3774E-01
1.0000E-02	9.2996E-01	-6.7205E-01	8.1513E-01	-5.4713E-01	5.7982E-01	-2.9970E-01	3.2265E-01	1.9636E-02	1.8177E-01	3.3586E-01
1.5000E-02	6.3959E-01	-6.3763E-01	5.9185E-01	-5.3992E-01	4.8015E-01	-3.1640E-01	3.2591E-01	2.9096E-02	2.2315E-01	3.6738E-01
2.0000E-02	4.9311E-01	-5.7416E-01	4.7108E-01	-4.9276E-01	4.1622E-01	-2.9455E-01	3.2920E-01	3.8323E-02	2.6138E-01	3.6286E-01
2.5000E-02	4.0883E-01	-4.9072E-01	3.9934E-01	-4.2186E-01	3.7490E-01	-2.5023E-01	3.3251E-01	4.7323E-02	2.9488E-01	3.3775E-01
3.0000E-02	3.5826E-01	-3.9481E-01	3.5571E-01	-3.3756E-01	3.4888E-01	-1.9427E-01	3.3585E-01	5.6101E-02	3.2252E-01	3.0170E-01
3.5000E-02	3.2867E-01	-2.9445E-01	3.3013E-01	-2.4872E-01	3.3365E-01	-1.3461E-01	3.3922E-01	6.4661E-02	3.4379E-01	2.6160E-01
4.0000E-02	3.1315E-01	-1.9750E-01	3.1684E-01	-1.6293E-01	3.2615E-01	-7.6954E-02	3.4261E-01	7.3009E-02	3.5890E-01	2.2250E-01
5.0000E-02	3.0808E-01	-3.6025E-02	3.1314E-01	-2.0071E-02	3.2600E-01	1.9582E-02	3.4945E-01	8.9085E-02	3.7422E-01	1.5954E-01
6.0000E-02	3.2087E-01	7.0038E-02	3.2522E-01	7.4349E-02	3.3626E-01	8.5149E-02	3.5638E-01	1.0437E-01	3.7774E-01	1.2422E-01
8.0000E-02	3.5765E-01	1.5737E-01	3.5926E-01	1.5421E-01	3.6330E-01	1.4637E-01	3.7047E-01	1.3269E-01	3.7782E-01	1.1896E-01
1.0000E-01	3.8461E-01	1.7507E-01	3.8464E-01	1.7291E-01	3.8470E-01	1.6757E-01	3.8481E-01	1.5826E-01	3.8491E-01	1.4893E-01
1.5000E-01	4.2202E-01	2.1060E-01	4.2195E-01	2.1073E-01	4.2179E-01	2.1107E-01	4.2151E-01	2.1166E-01	4.2123E-01	2.1225E-01
2.0000E-01	4.5892E-01	2.5256E-01	4.5893E-01	2.5257E-01	4.5895E-01	2.5257E-01	4.5899E-01	2.5258E-01	4.5903E-01	2.5259E-01
3.0000E-01	5.3469E-01	3.0640E-01	5.3469E-01	3.0640E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01
4.0000E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	5.2553E-04	9.9938E-01	5.2553E-04

SIGMA(2)/SIGMA(1)= ·1.0000E+01

	H(1)/H(2)= 1.0000E-01				H(1)/H(2)= 2.0000E-01					
V	SIGMA(3)/SIGMA(1)= 1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)
1.0000E-04	3.2403E-02	2.3777E-02	1.0805E-02	7.1973E-02	7.1043E+01	-2.5908E-01	2.8239E+01	-1.0200E-01	9.6465E+00	-3.4750E-02
2.0000E-04	3.3200E-02	4.6404E-02	1.1658E-02	1.3368E-01	5.3584E+01	-3.9679E-01	2.5318E+01	-1.8360E-01	9.3070E+00	-6.7085E-02
5.0000E-04	3.5684E-02	1.0796E-01	1.4418E-02	2.7265E-01	3.0004E+01	-5.7157E-01	1.8931E+01	-3.4824E-01	8.3769E+00	-1.5137E-01
1.0000E-03	4.0073E-02	1.9265E-01	1.9393E-02	4.1158E-01	1.7095E+01	-6.6407E-01	1.3041E+01	-4.8930E-01	7.1072E+00	-2.5859E-01
2.0000E-03	4.9469E-02	3.1374E-01	2.9884E-02	5.4458E-01	9.1497E+00	-7.2007E-01	7.9159E+00	-6.0677E-01	5.3625E+00	-3.9560E-01
5.0000E-03	7.9765E-02	4.8858E-01	6.2308E-02	6.6187E-01	3.8150E+00	-7.5498E-01	3.5956E+00	-7.0118E-01	3.0057E+00	-5.6676E-01
1.0000E-02	1.3178E-01	5.7312E-01	1.1660E-01	6.8950E-01	1.9346E+00	-7.5826E-01	1.8789E+00	-7.2930E-01	1.7154E+00	-6.4805E-01
1.5000E-02	1.8305E-01	5.7812E-01	1.7020E-01	6.6823E-01	1.2965E+00	-7.4618E-01	1.2722E+00	-7.2600E-01	1.1989E+00	-6.6699E-01
2.0000E-02	2.3196E-01	5.4869E-01	2.2197E-01	6.2358E-01	9.7585E-01	-7.2533E-01	9.6271E-01	-7.0954E-01	9.2262E-01	-6.6242E-01
2.5000E-02	2.7668E-01	4.9929E-01	2.7012E-01	5.6304E-01	7.8375E-01	-6.9714E-01	7.7582E-01	-6.8396E-01	7.5147E-01	-6.4414E-01
3.0000E-02	3.1521E-01	4.3822E-01	3.1238E-01	4.9203E-01	6.5664E-01	-6.6223E-01	6.5157E-01	-6.5078E-01	6.3594E-01	-6.1592E-01
3.5000E-02	3.4588E-01	3.7234E-01	3.4660E-01	4.1631E-01	5.6723E-01	-6.2111E-01	5.6391E-01	-6.1092E-01	5.5362E-01	-5.7972E-01
4.0000E-02	3.6795E-01	3.0775E-01	3.7150E-01	3.4192E-01	5.0188E-01	-5.7437E-01	4.9970E-01	-5.6517E-01	4.9294E-01	-5.3690E-01
5.0000E-02	3.8902E-01	2.0060E-01	3.9509E-01	2.1729E-01	4.1611E-01	-4.6722E-01	4.1529E-01	-4.5962E-01	4.1274E-01	-4.3624E-01
6.0000E-02	3.9061E-01	1.3597E-01	3.9594E-01	1.4078E-01	3.6744E-01	-3.4902E-01	3.6735E-01	-3.4288E-01	3.6708E-01	-3.2397E-01
8.0000E-02	3.8213E-01	1.1104E-01	3.8389E-01	1.0784E-01	3.3137E-01	-1.1936E-01	3.3190E-01	-1.1595E-01	3.3352E-01	-1.0548E-01
1.0000E-01	3.8496E-01	1.4355E-01	3.8498E-01	1.4138E-01	3.3778E-01	5.4499E-02	3.3839E-01	5.5273E-02	3.4026E-01	6.0103E-02
1.5000E-01	4.2107E-01	2.1259E-01	4.2100E-01	2.1273E-01	4.0418E-01	2.3537E-01	4.0441E-01	2.3505E-01	4.0511E-01	2.3407E-01
2.0000E-01	4.5905E-01	2.5259E-01	4.5906E-01	2.5259E-01	4.5986E-01	2.6670E-01	4.5985E-01	2.6651E-01	4.5982E-01	2.6592E-01
3.0000E-01	5.3469E-01	3.0641E-01	5.3469E-01	3.0641E-01	5.3508E-01	3.0539E-01	5.3508E-01	3.0541E-01	5.3506E-01	3.0545E-01
4.0000E-01	6.0948E-01	3.3352E-01	6.0948E-01	3.3352E-01	6.0942E-01	3.3354E-01	6.0942E-01	3.3354E-01	6.0942E-01	3.3354E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8168E-01	3.4217E-01	6.8168E-01	3.4217E-01	6.8168E-01	3.4217E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3760E-01	7.4987E-01	3.3760E-01	7.4987E-01	3.3760E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0516E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	5.2553E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

H(1)/H(2)= 2.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)
1.0000E-04	3.1268E+00	-1.1140E-02	9.9682E-01	-3.1687E-03	3.1629E-01	2.0120E-04	1.0039E-01	3.8646E-03	3.2046E-02	1.3124E-02
2.0000E-04	3.0918E+00	-2.2025E-02	9.9366E-01	-6.3111E-03	3.1636E-01	4.0229E-04	1.0078E-01	7.6947E-03	3.2475E-02	2.5899E-02
5.0000E-04	2.9894E+00	-5.3209E-02	9.8422E-01	-1.5582E-02	3.1655E-01	1.0050E-03	1.0196E-01	1.8980E-02	3.3791E-02	6.2222E-02
1.0000E-03	2.8276E+00	-1.0062E-01	9.6871E-01	-3.0521E-02	3.1686E-01	2.0075E-03	1.0395E-01	3.7124E-02	3.6075E-02	1.1664E-01
2.0000E-03	2.5384E+00	-1.8070E-01	9.3854E-01	-5.8557E-02	3.1750E-01	4.0052E-03	1.0804E-01	7.1039E-02	4.0906E-02	2.0627E-01
5.0000E-03	1.9049E+00	-3.3961E-01	8.5529E-01	-1.2939E-01	3.1943E-01	9.9394E-03	1.2090E-01	1.5611E-01	5.6646E-02	3.7581E-01
1.0000E-02	1.3196E+00	-4.6644E-01	7.4041E-01	-2.1169E-01	3.2265E-01	1.9636E-02	1.4364E-01	2.5527E-01	8.4549E-02	5.0550E-01
1.5000E-02	1.0044E+00	-5.1928E-01	6.5110E-01	-2.6118E-01	3.2591E-01	2.9096E-02	1.6711E-01	3.1810E-01	1.1303E-01	5.6185E-01
2.0000E-02	8.1112E-01	-5.3715E-01	5.8157E-01	-2.8726E-01	3.2920E-01	3.8323E-02	1.9068E-01	3.5700E-01	1.4153E-01	5.8671E-01
2.5000E-02	6.8197E-01	-5.3441E-01	5.2705E-01	-2.9617E-01	3.3251E-01	4.7323E-02	2.1395E-01	3.7941E-01	1.6980E-01	5.9438E-01
3.0000E-02	5.9059E-01	-5.1763E-01	4.8401E-01	-2.9216E-01	3.3585E-01	5.6101E-02	2.3661E-01	3.9002E-01	1.9764E-01	5.9104E-01
3.5000E-02	5.2346E-01	-4.9047E-01	4.4990E-01	-2.7832E-01	3.3922E-01	6.4661E-02	2.5842E-01	3.9195E-01	2.2484E-01	5.7988E-01
4.0000E-02	4.7296E-01	-4.5532E-01	4.2291E-01	-2.5703E-01	3.4261E-01	7.3009E-02	2.7914E-01	3.8741E-01	2.5117E-01	5.6283E-01
5.0000E-02	4.0511E-01	-3.6820E-01	3.8514E-01	-1.9956E-01	3.4945E-01	8.9085E-02	3.1659E-01	3.6519E-01	3.0015E-01	5.1612E-01
6.0000E-02	3.6617E-01	-2.6893E-01	3.6329E-01	-1.3204E-01	3.5638E-01	1.0437E-01	3.4779E-01	3.3310E-01	3.4245E-01	4.5905E-01
8.0000E-02	3.3824E-01	-7.5033E-02	3.5002E-01	6.4000E-04	3.7047E-01	1.3269E-01	3.9029E-01	2.6471E-01	4.0115E-01	3.4026E-01
1.0000E-01	3.4574E-01	7.2434E-02	3.5963E-01	1.0332E-01	3.8481E-01	1.5826E-01	4.1124E-01	2.1497E-01	4.2697E-01	2.4848E-01
1.5000E-01	4.0716E-01	2.3120E-01	4.1231E-01	2.2408E-01	4.2151E-01	2.1166E-01	4.3103E-01	1.9918E-01	4.3666E-01	1.9197E-01
2.0000E-01	4.5971E-01	2.6421E-01	4.5945E-01	2.5997E-01	4.5899E-01	2.5258E-01	4.5852E-01	2.4517E-01	4.5824E-01	2.4091E-01
3.0000E-01	5.3501E-01	3.0557E-01	5.3489E-01	3.0588E-01	5.3469E-01	3.0641E-01	5.3448E-01	3.0693E-01	5.3437E-01	3.0724E-01
4.0000E-01	6.0943E-01	3.3353E-01	6.0945E-01	3.3353E-01	6.0948E-01	3.3352E-01	6.0952E-01	3.3351E-01	6.0954E-01	3.3350E-01
5.0000E-01	6.8168E-01	3.4217E-01	6.8168E-01	3.4217E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01	6.8167E-01	3.4216E-01
6.0000E-01	7.4987E-01	3.3760E-01	7.4987E-01	3.3760E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01	7.4987E-01	3.3761E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01	8.1289E-01	3.2348E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01	8.6971E-01	3.0251E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01	9.6195E-01	2.4832E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

	H(1)/H(2)= 2.0000E-01		H(1)/H(2)= 5.0000E-01							
V	SIGMA(3)/SIGMA(1)= 1.0000E+04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)
1.0000E-04	1.0433E-02	4.0642E-02	8.6352E+01	-1.2858E-01	3.0174E+01	-4.4814E-02	9.8528E+00	-1.4610E-02	3.1477E+00	-4.6065E-03
2.0000E-04	1.0881E-02	7.7986E-02	7.5157E+01	-2.2510E-01	2.8802E+01	-8.5628E-02	9.7080E+00	-2.8791E-02	3.1331E+00	-9.1690E-03
5.0000E-04	1.2303E-02	1.7308E-01	5.2797E+01	-4.0278E-01	2.5160E+01	-1.8786E-01	9.2877E+00	-6.8894E-02	3.0900E+00	-2.2596E-02
1.0000E-03	1.4856E-02	2.8916E-01	3.4545E+01	-5.3858E-01	2.0499E+01	-3.0919E-01	8.6370E+00	-1.2835E-01	3.0194E+00	-4.4132E-02
2.0000E-03	2.0327E-02	4.2953E-01	2.0171E+01	-6.4212E-01	1.4679E+01	-4.5078E-01	7.5188E+00	-2.2459E-01	2.8840E+00	-8.4225E-02
5.0000E-03	3.7688E-02	5.9391E-01	8.9060E+00	-7.2149E-01	7.7356E+00	-6.1052E-01	5.2849E+00	-4.0110E-01	2.5242E+00	-1.8403E-01
1.0000E-02	6.7270E-02	6.7072E-01	4.6051E+00	-7.4940E-01	4.2862E+00	-6.8567E-01	3.4609E+00	-5.3369E-01	2.0630E+00	-3.0027E-01
1.5000E-02	9.6945E-02	6.9273E-01	3.1050E+00	-7.5584E-01	2.9602E+00	-7.1109E-01	2.5571E+00	-5.9427E-01	1.7311E+00	-3.7629E-01
2.0000E-02	1.2654E-01	6.9590E-01	2.3422E+00	-7.5544E-01	2.2604E+00	-7.2080E-01	2.0245E+00	-6.2597E-01	1.4861E+00	-4.2731E-01
2.5000E-02	1.5596E-01	6.8897E-01	1.8805E+00	-7.5127E-01	1.8283E+00	-7.2287E-01	1.6748E+00	-6.4283E-01	1.2999E+00	-4.6178E-01
3.0000E-02	1.8505E-01	6.7516E-01	1.5711E+00	-7.4440E-01	1.5352E+00	-7.2022E-01	1.4282E+00	-6.5069E-01	1.1546E+00	-4.8466E-01
3.5000E-02	2.1366E-01	6.5603E-01	1.3495E+00	-7.3528E-01	1.3235E+00	-7.1412E-01	1.2452E+00	-6.5242E-01	1.0385E+00	-4.9900E-01
4.0000E-02	2.4156E-01	6.3252E-01	1.1831E+00	-7.2416E-01	1.1635E+00	-7.0527E-01	1.1043E+00	-6.4957E-01	9.4401E-01	-5.0677E-01
5.0000E-02	2.9411E-01	5.7517E-01	9.5034E-01	-6.9641E-01	9.3842E-01	-6.8068E-01	9.0200E-01	-6.3359E-01	8.0013E-01	-5.0747E-01
6.0000E-02	3.4028E-01	5.0849E-01	7.9615E-01	-6.6186E-01	7.8842E-01	-6.4822E-01	7.6467E-01	-6.0700E-01	6.9679E-01	-4.9344E-01
8.0000E-02	4.0537E-01	3.7062E-01	6.0795E-01	-5.7443E-01	6.0445E-01	-5.6347E-01	5.9361E-01	-5.3001E-01	5.6181E-01	-4.3488E-01
1.0000E-01	4.3342E-01	2.6219E-01	5.0303E-01	-4.6696E-01	5.0152E-01	-4.5786E-01	4.9682E-01	-4.2994E-01	4.8275E-01	-3.4954E-01
1.5000E-01	4.3896E-01	1.8906E-01	4.0171E-01	-1.6435E-01	4.0209E-01	-1.5914E-01	4.0325E-01	-1.4313E-01	4.0648E-01	-9.6716E-02
2.0000E-01	4.5813E-01	2.3918E-01	4.0391E-01	8.4494E-02	4.0467E-01	8.6706E-02	4.0699E-01	9.3519E-02	4.1373E-01	1.1341E-01
3.0000E-01	5.3432E-01	3.0736E-01	4.9940E-01	3.1190E-01	4.9985E-01	3.1181E-01	5.0125E-01	3.1153E-01	5.0535E-01	3.1074E-01
4.0000E-01	6.0955E-01	3.3350E-01	6.0278E-01	3.5427E-01	6.0287E-01	3.5399E-01	6.0314E-01	3.5314E-01	6.0395E-01	3.5065E-01
5.0000E-01	6.8167E-01	3.4216E-01	6.8450E-01	3.4927E-01	6.8446E-01	3.4917E-01	6.8434E-01	3.4887E-01	6.8400E-01	3.4801E-01
6.0000E-01	7.4987E-01	3.3761E-01	7.5204E-01	3.3767E-01	7.5201E-01	3.3767E-01	7.5192E-01	3.3766E-01	7.5166E-01	3.3766E-01
7.0000E-01	8.1289E-01	3.2348E-01	8.1334E-01	3.2263E-01	8.1333E-01	3.2264E-01	8.1331E-01	3.2267E-01	8.1326E-01	3.2278E-01
8.0000E-01	8.6971E-01	3.0251E-01	8.6958E-01	3.0219E-01	8.6958E-01	3.0219E-01	8.6958E-01	3.0221E-01	8.6960E-01	3.0225E-01
1.0000E+00	9.6195E-01	2.4832E-01	9.6193E-01	2.4835E-01	9.6193E-01	2.4835E-01	9.6193E-01	2.4835E-01	9.6193E-01	2.4835E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0241E+00	1.8832E-01	1.0241E+00	1.8832E-01	1.0241E+00	1.8832E-01	1.0241E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+01

H(1)/H(2)= 5.0000E-01

	SIGMA(3)/SIGMA(1)= 1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)= 1.0000E+03		SIGMA(3)/SIGMA(1)= 1.0000E+04	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.9873E-01	-1.2705E-03	3.1629E-01	2.0120E-04	1.0020E-01	1.9685E-03	3.1834E-02	5.6166E-03	1.0214E-02	2.0755E-02
2.0000E-04	9.9746E-01	-2.5362E-03	3.1636E-01	4.0229E-04	1.0040E-01	3.9285E-03	3.2047E-02	1.3145E-02	1.0433E-02	4.0648E-02
5.0000E-04	9.9366E-01	-6.3057E-03	3.1655E-01	1.0050E-03	1.0099E-01	9.7574E-03	3.2693E-02	3.2211E-02	1.1111E-02	9.5532E-02
1.0000E-03	9.8735E-01	-1.2496E-02	3.1686E-01	2.0075E-03	1.0199E-01	1.9304E-02	3.3795E-02	6.2329E-02	1.2304E-02	1.7312E-01
2.0000E-03	9.7488E-01	-2.4536E-02	3.1750E-01	4.0052E-03	1.0402E-01	3.7783E-02	3.6082E-02	1.1686E-01	1.4857E-02	2.8925E-01
5.0000E-03	9.3856E-01	-5.8041E-02	3.1943E-01	9.9394E-03	1.1030E-01	8.8610E-02	4.3444E-02	2.4397E-01	2.3162E-02	4.7461E-01
1.0000E-02	8.8194E-01	-1.0586E-01	3.2265E-01	1.9636E-02	1.2129E-01	1.5986E-01	5.6702E-02	3.7752E-01	3.7700E-02	5.9497E-01
1.5000E-02	8.3038E-01	-1.4483E-01	3.2591E-01	2.9096E-02	1.3276E-01	2.1734E-01	7.0567E-02	4.5804E-01	5.2471E-02	6.4672E-01
2.0000E-02	7.8374E-01	-1.7614E-01	3.2920E-01	3.8323E-02	1.4457E-01	2.6391E-01	8.4720E-02	5.1036E-01	6.7313E-02	6.7435E-01
2.5000E-02	7.4172E-01	-2.0084E-01	3.3251E-01	4.7323E-02	1.5659E-01	3.0181E-01	9.9018E-02	5.4611E-01	8.2180E-02	6.9059E-01
3.0000E-02	7.0394E-01	-2.1979E-01	3.3585E-01	5.6101E-02	1.6876E-01	3.3273E-01	1.1339E-01	5.7130E-01	9.7051E-02	7.0043E-01
3.5000E-02	6.6999E-01	-2.3373E-01	3.3922E-01	6.4661E-02	1.8101E-01	3.5799E-01	1.2778E-01	5.8931E-01	1.1192E-01	7.0620E-01
4.0000E-02	6.3949E-01	-2.4328E-01	3.4261E-01	7.3009E-02	1.9329E-01	3.7861E-01	1.4218E-01	6.0215E-01	1.2677E-01	7.0914E-01
5.0000E-02	5.8747E-01	-2.5128E-01	3.4945E-01	8.9085E-02	2.1781E-01	4.0888E-01	1.7090E-01	6.1713E-01	1.5639E-01	7.0920E-01
6.0000E-02	5.4547E-01	-2.4720E-01	3.5638E-01	1.0437E-01	2.4205E-01	4.2810E-01	1.9941E-01	6.2233E-01	1.8587E-01	7.0377E-01
8.0000E-02	4.8453E-01	-2.1277E-01	3.7047E-01	1.3269E-01	2.8905E-01	4.4421E-01	2.5533E-01	6.1436E-01	2.4402E-01	6.8158E-01
1.0000E-01	4.4634E-01	-1.5576E-01	3.8481E-01	1.5826E-01	3.3307E-01	4.4130E-01	3.0892E-01	5.9070E-01	3.0031E-01	6.4835E-01
1.5000E-01	4.1339E-01	1.7573E-02	4.2151E-01	2.1166E-01	4.2461E-01	3.9633E-01	4.2433E-01	4.9699E-01	4.2384E-01	5.3633E-01
2.0000E-01	4.3041E-01	1.6340E-01	4.5899E-01	2.5258E-01	4.8639E-01	3.4424E-01	5.0130E-01	3.9785E-01	5.0710E-01	4.1962E-01
3.0000E-01	5.1574E-01	3.0895E-01	5.3469E-01	3.0641E-01	5.5480E-01	3.0462E-01	5.6693E-01	3.0395E-01	5.7195E-01	3.0377E-01
4.0000E-01	6.0595E-01	3.4444E-01	6.0948E-01	3.3352E-01	6.1307E-01	3.2242E-01	6.1515E-01	3.1597E-01	6.1599E-01	3.1335E-01
5.0000E-01	6.8316E-01	3.4588E-01	6.8167E-01	3.4216E-01	6.8018E-01	3.3845E-01	6.7931E-01	3.3632E-01	6.7896E-01	3.3546E-01
6.0000E-01	7.5100E-01	3.3764E-01	7.4987E-01	3.3761E-01	7.4875E-01	3.3758E-01	7.4810E-01	3.3756E-01	7.4784E-01	3.3756E-01
7.0000E-01	8.1312E-01	3.2304E-01	8.1289E-01	3.2348E-01	8.1266E-01	3.2393E-01	8.1253E-01	3.2418E-01	8.1247E-01	3.2429E-01
8.0000E-01	8.6964E-01	3.0234E-01	8.6971E-01	3.0251E-01	8.6978E-01	3.0268E-01	8.6983E-01	3.0278E-01	8.6984E-01	3.0282E-01
1.0000E+00	9.6194E-01	2.4834E-01	9.6195E-01	2.4832E-01	9.6196E-01	2.4830E-01	9.6197E-01	2.4829E-01	9.6198E-01	2.4828E-01
1.2000E+00	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01	1.0240E+00	1.8832E-01
1.3000E+00	1.0444E+00	1.5911E-01	1.0444E+00	1.5911E-01	1.0444E+00	1.5912E-01	1.0444E+00	1.5912E-01	1.0444E+00	1.5912E-01
1.5000E+00	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01	1.0672E+00	1.0616E-01
1.7000E+00	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02	1.0719E+00	6.3168E-02
2.0000E+00	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02	1.0602E+00	1.8934E-02
2.5000E+00	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02	1.0284E+00	-1.1624E-02
3.0000E+00	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02	1.0068E+00	-1.3313E-02
3.5000E+00	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03	9.9827E-01	-7.1550E-03
4.0000E+00	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03	9.9706E-01	-2.1276E-03
4.5000E+00	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04	9.9822E-01	1.4441E-04
5.0000E+00	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04	9.9938E-01	6.2553E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 2.0000E-02

	SIGMA(3)/SIGMA(1)= 1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.9716E+00	-7.7055E-01	1.9125E+00	-7.4166E-01	1.7391E+00	-6.6102E-01	1.3215E+00	-4.8401E-01	7.1725E-01	-2.5163E-01
2.0000E-04	9.9284E-01	-7.7480E-01	9.7789E-01	-7.5985E-01	9.3227E-01	-7.1545E-01	8.0529E-01	-5.9957E-01	5.4471E-01	-3.8373E-01
5.0000E-04	3.9898E-01	-7.6039E-01	3.9666E-01	-7.5409E-01	3.8941E-01	-7.3466E-01	3.6755E-01	-6.7771E-01	3.0914E-01	-5.3435E-01
1.0000E-03	2.0079E-01	-6.9585E-01	2.0029E-01	-6.9235E-01	1.9874E-01	-6.8143E-01	1.9394E-01	-6.4814E-01	1.8001E-01	-5.5397E-01
2.0000E-03	1.0804E-01	-4.5354E-01	1.0801E-01	-4.5159E-01	1.0793E-01	-4.4545E-01	1.0768E-01	-4.2653E-01	1.0693E-01	-3.7121E-01
5.0000E-03	9.8411E-02	5.7108E-02	9.8433E-02	5.7007E-02	9.8501E-02	5.6691E-02	9.8710E-02	5.5720E-02	9.9319E-02	5.2902E-02
1.0000E-02	1.0734E-01	6.4045E-02	1.0734E-01	6.4050E-02	1.0734E-01	6.4066E-02	1.0733E-01	6.4116E-02	1.0732E-01	6.4260E-02
1.5000E-02	1.1100E-01	9.4578E-02	1.1100E-01	9.4578E-02	1.1100E-01	9.4577E-02	1.1100E-01	9.4575E-02	1.1100E-01	9.4570E-02
2.0000E-02	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01
2.5000E-02	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01
3.0000E-02	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01
3.5000E-02	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01
4.0000E-02	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01
5.0000E-02	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01
6.0000E-02	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01
8.0000E-02	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00									1.0448E+00	3.5280E-01
1.3000E+00									1.0840E+00	2.9897E-01
1.5000E+00							1.1323E+00	2.0441E-01	1.1296E+00	2.0036E-01
1.7000E+00	1.1427E+00	1.2186E-01	1.1427E+00	1.2180E-01	1.1425E+00	1.2164E-01	1.1418E+00	1.2111E-01	1.1398E+00	1.1945E-01
2.0000E+00	1.1216E+00	3.7325E-02	1.1216E+00	3.7309E-02	1.1214E+00	3.7258E-02	1.1209E+00	3.7098E-02	1.1191E+00	3.6589E-02
2.5000E+00	1.0553E+00	-2.2383E-02	1.0553E+00	-2.2373E-02	1.0552E+00	-2.2343E-02	1.0549E+00	-2.2246E-02	1.0542E+00	-2.1943E-02
3.0000E+00	1.0131E+00	-2.5621E-02			1.0131E+00	-2.5575E-02	1.0130E+00	-2.5464E-02		
3.5000E+00	9.9666E-01	-1.3847E-02	9.9666E-01	-1.3841E-02	9.9666E-01	-1.3822E-02	9.9668E-01	-1.3762E-02	9.9672E-01	-1.3575E-02
4.0000E+00	9.9432E-01	-4.1195E-03	9.9432E-01	-4.1177E-03	9.9433E-01	-4.1121E-03	9.9436E-01	-4.0943E-03	9.9443E-01	-4.0386E-03
4.5000E+00	9.9767E-01	1.8859E-04	9.9767E-01	1.8881E-04	9.9766E-01	1.8952E-04	9.9764E-01	1.9163E-04	9.9756E-01	1.9746E-04
5.0000E+00	9.9916E-01	8.4265E-04	9.9916E-01	8.4345E-04	9.9916E-01	8.4592E-04	9.9915E-01	8.5342E-04	9.9913E-01	6.7419E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 2.0000E-02 (first four column pairs); H(1)/H(2)= 5.0000E-02 (last column pair)

	SIGMA(3)/SIGMA(1)= 1.0000E+01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04		SIGMA(3)/SIGMA(1)=1.0000E-04	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	2.8622E-01	-8.8834E-02	1.0007E-01	6.9954E-04	3.5022E-02	9.0912E-02	1.4028E-02	2.5534E-01	4.8243E+00	-7.5112E-01
2.0000E-04	2.5998E-01	-1.5766E-01	1.0014E-01	1.3981E-03	3.8643E-02	1.6129E-01	1.8544E-02	3.8624E-01	2.4551E+00	-7.6740E-01
5.0000E-04	2.0150E-01	-2.8139E-01	1.0035E-01	3.4877E-03	5.0121E-02	2.8830E-01	3.2840E-02	5.3962E-01	9.9254E-01	-7.7450E-01
1.0000E-03	1.4711E-01	-3.3609E-01	1.0070E-01	6.9506E-03	6.9069E-02	3.4831E-01	5.6588E-02	5.6325E-01	4.9813E-01	-7.6645E-01
2.0000E-03	1.0497E-01	-2.3206E-01	1.0141E-01	1.3803E-02	9.7908E-02	2.5861E-01	9.6039E-02	3.9626E-01	2.5010E-01	-7.2227E-01
5.0000E-03	1.0085E-01	4.5920E-02	1.0356E-01	3.3781E-02	1.0635E-01	2.1640E-02	1.0799E-01	1.4653E-02	1.0902E-01	-4.2764E-01
1.0000E-02	1.0729E-01	6.4616E-02	1.0723E-01	6.5236E-02	1.0717E-01	6.5856E-02	1.0714E-01	6.6212E-02	9.6400E-02	3.8925E-02
1.5000E-02	1.1100E-01	9.4557E-02	1.1100E-01	9.4535E-02	1.1100E-01	9.4513E-02	1.1100E-01	9.4500E-02	1.0996E-01	1.1850E-01
2.0000E-02	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01	1.1485E-01	1.2184E-01	1.1547E-01	1.2475E-01
2.5000E-02	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01	1.1879E-01	1.4731E-01	1.1889E-01	1.4616E-01
3.0000E-02	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01	1.2280E-01	1.7108E-01	1.2277E-01	1.7085E-01
3.5000E-02	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01	1.2687E-01	1.9328E-01	1.2687E-01	1.9333E-01
4.0000E-02	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01	1.3101E-01	2.1405E-01	1.3101E-01	2.1407E-01
5.0000E-02	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01
6.0000E-02	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01
8.0000E-02	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0430E+00	3.3814E-01	1.0376E+00	2.9537E-01					1.0376E+00	2.9537E-01
1.3000E+00			1.0702E+00	2.4999E-01					1.0702E+00	2.4999E-01
1.5000E+00			1.1074E+00	1.6722E-01					1.1074E+00	1.6722E-01
1.7000E+00	1.1335E+00	1.1437E-01	1.1155E+00	9.9615E-02	1.0719E+00	6.3168E-02			1.1155E+00	9.9615E-02
2.0000E+00	1.1136E+00	3.4979E-02	1.0964E+00	2.9857E-02	1.0438E+00	1.3345E-02			1.0964E+00	2.9857E-02
2.5000E+00	1.0518E+00	-2.1013E-02	1.0450E+00	-1.8313E-02	1.0284E+00	-1.1624E-02			1.0450E+00	-1.8313E-02
3.0000E+00					1.0068E+00	-1.3313E-02				
3.5000E+00	9.9686E-01	-1.2994E-02	9.9728E-01	-1.1269E-02	9.9837E-01	-6.7299E-03	1.0005E+00	2.1929E-03		
4.0000E+00	9.9467E-01	-3.8656E-03	9.9538E-01	-3.3510E-03	9.9725E-01	-1.9895E-03	1.0010E+00	7.1820E-04	9.9436E-01	-4.0948E-03
4.5000E+00	9.9741E-01	2.1009E-04	9.9719E-01	2.2743E-04	9.9703E-01	2.4069E-04	9.9695E-01	2.4698E-04	9.9657E-01	2.7792E-04
5.0000E+00	9.9908E-01	9.2013E-04	9.9902E-01	9.8518E-04	9.9897E-01	1.0365E-03	9.9894E-01	1.0614E-03	9.9878E-01	1.2278E-03

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 5.0000E-02

	SIGMA(3)/SIGMA(1)= 1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+00		SIGMA(3)/SIGMA(1)=1.0000E+01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	4.4729E+00	-6.8503E-01	3.5733E+00	-5.2973E-01	2.0882E+00	-2.9926E-01	8.7068E-01	-1.2180E-01	3.0383E-01	-3.8102E-02
2.0000E-04	2.3634E+00	-7.3185E-01	2.1005E+00	-6.3553E-01	1.5103E+00	-4.3989E-01	7.6334E-01	-2.1391E-01	2.9200E-01	-7.2527E-02
5.0000E-04	9.7761E-01	-7.5955E-01	9.3203E-01	-7.1515E-01	8.0515E-01	-5.9925E-01	5.4474E-01	-3.8329E-01	2.6014E-01	-1.5677E-01
1.0000E-03	4.9445E-01	-7.5871E-01	4.8301E-01	-7.3496E-01	4.4894E-01	-6.6675E-01	3.6188E-01	-5.0435E-01	2.1834E-01	-2.4874E-01
2.0000E-03	2.4927E-01	-7.1807E-01	2.4665E-01	-7.0501E-01	2.3861E-01	-6.6556E-01	2.1572E-01	-5.5706E-01	1.6491E-01	-3.2275E-01
5.0000E-03	1.0900E-01	-4.2569E-01	1.0893E-01	-4.1960E-01	1.0873E-01	-4.0082E-01	1.0814E-01	-3.4595E-01	1.0655E-01	-2.0828E-01
1.0000E-02	9.6444E-02	3.9037E-02	9.6583E-02	3.9387E-02	9.7011E-02	4.0465E-02	9.8266E-02	4.3602E-02	1.0145E-01	5.1426E-02
1.5000E-02	1.0996E-01	1.1840E-01	1.0998E-01	1.1807E-01	1.1002E-01	1.1708E-01	1.1015E-01	1.1419E-01	1.1046E-01	1.0702E-01
2.0000E-02	1.1546E-01	1.2474E-01	1.1545E-01	1.2470E-01	1.1543E-01	1.2458E-01	1.1535E-01	1.2423E-01	1.1517E-01	1.2336E-01
2.5000E-02	1.1889E-01	1.4616E-01	1.1889E-01	1.4618E-01	1.1888E-01	1.4623E-01	1.1887E-01	1.4637E-01	1.1884E-01	1.4671E-01
3.0000E-02	1.2277E-01	1.7085E-01	1.2277E-01	1.7085E-01	1.2277E-01	1.7086E-01	1.2278E-01	1.7089E-01	1.2278E-01	1.7096E-01
3.5000E-02	1.2687E-01	1.9333E-01	1.2687E-01	1.9333E-01	1.2687E-01	1.9333E-01	1.2687E-01	1.9332E-01	1.2687E-01	1.9331E-01
4.0000E-02	1.3101E-01	2.1407E-01	1.3101E-01	2.1407E-01	1.3101E-01	2.1407E-01	1.3101E-01	2.1407E-01	1.3101E-01	2.1406E-01
5.0000E-02	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01
6.0000E-02	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01
8.0000E-02	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00							1.0128E+00	-2.5118E-02	1.0123E+00	-2.4055E-02
3.5000E+00	9.9668E-01	-1.3764E-02	9.9668E-01	-1.3745E-02	9.9669E-01	-1.3686E-02	9.9674E-01	-1.3500E-02	.0000E-01	-1.5570E+00
4.0000E+00	9.9436E-01	-4.0930E-03	9.9437E-01	-4.0874E-03	9.9439E-01	-4.0698E-03	9.9447E-01	-4.0145E-03	9.9470E-01	-3.8445E-03
4.5000E+00	9.9657E-01	2.7780E-04	9.9658E-01	2.7742E-04	9.9659E-01	2.7622E-04	9.9664E-01	2.7247E-04	9.9678E-01	2.6093E-04
5.0000E+00	9.9878E-01	1.2273E-03	9.9878E-01	1.2256E-03	9.9879E-01	1.2203E-03	9.9880E-01	1.2037E-03	9.9885E-01	1.1511E-03

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 5.0000E-02 (first three column groups); H(1)/H(2)= 1.0000E-01 (last two column groups)

V	SIGMA(3)/SIGMA(1)= 1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)
1.0000E-04	1.0007E-01	6.9954E-04	3.2993E-02	4.0380E-02	1.1564E-02	1.2716E-01	9.3109E+00	-7.1946E-01	8.0334E+00	-6.0473E-01
2.0000E-04	1.0014E-01	1.3981E-03	3.4412E-02	7.6801E-02	1.3269E-02	2.2220E-01	4.8219E+00	-7.5111E-01	4.4709E+00	-6.8505E-01
5.0000E-04	1.0035E-01	3.4877E-03	3.8886E-02	1.6578E-01	1.8821E-02	3.9440E-01	1.9701E+00	-7.7036E-01	1.9110E+00	-7.4149E-01
1.0000E-03	1.0070E-01	6.9506E-03	4.6762E-02	2.6340E-01	2.8607E-02	5.1649E-01	9.9206E-01	-7.7400E-01	9.7714E-01	-7.5905E-01
2.0000E-03	1.0141E-01	1.3803E-02	6.2750E-02	3.4732E-01	4.8385E-02	5.7492E-01	4.9790E-01	-7.6446E-01	4.9423E-01	-7.5670E-01
5.0000E-03	1.0356E-01	3.3781E-02	1.0050E-01	2.7336E-01	9.8811E-02	4.0751E-01	2.0102E-01	-6.7611E-01	2.0054E-01	-6.7258E-01
1.0000E-02	1.0723E-01	6.5236E-02	1.1335E-01	7.9357E-02	1.1704E-01	8.7642E-02	1.1081E-01	-3.8557E-01	1.1080E-01	-3.8365E-01
1.5000E-02	1.1100E-01	9.4535E-02	1.1154E-01	8.2021E-02	1.1186E-01	7.4814E-02	9.7276E-02	-7.5666E-02	9.7332E-02	-7.4936E-02
2.0000E-02	1.1485E-01	1.2184E-01	1.1454E-01	1.2033E-01	1.1436E-01	1.1946E-01	1.0389E-01	1.0358E-01	1.0394E-01	1.0365E-01
2.5000E-02	1.1879E-01	1.4731E-01	1.1874E-01	1.4790E-01	1.1871E-01	1.4825E-01	1.1397E-01	1.7254E-01	1.1399E-01	1.7243E-01
3.0000E-02	1.2280E-01	1.7108E-01	1.2282E-01	1.7120E-01	1.2282E-01	1.7127E-01	1.2197E-01	1.9326E-01	1.2198E-01	1.9317E-01
3.5000E-02	1.2687E-01	1.9328E-01	1.2688E-01	1.9326E-01	1.2688E-01	1.9324E-01	1.2747E-01	2.0334E-01	1.2746E-01	2.0329E-01
4.0000E-02	1.3101E-01	2.1405E-01	1.3100E-01	2.1405E-01	1.3100E-01	2.1404E-01	1.3164E-01	2.1615E-01	1.3164E-01	2.1614E-01
5.0000E-02	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3942E-01	2.5172E-01	1.3951E-01	2.5067E-01	1.3951E-01	2.5068E-01
6.0000E-02	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4802E-01	2.8487E-01	1.4798E-01	2.8470E-01	1.4798E-01	2.8470E-01
8.0000E-02	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4018E-01	1.6561E-01	3.4018E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00	.0000E-01	-1.5452E+00	.0000E-01	-1.5452E+00	1.0000E+00	-5.7462E-13	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9728E-01	-1.1269E-02	9.9827E-01	-7.1550E-03	1.0000E+00	-2.9202E-13	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9538E-01	-3.3510E-03	9.9706E-01	-2.1276E-03	1.0000E+00	-7.3172E-14	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9822E-01	1.4441E-04	1.0000E+00	.0000E-01	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9955E-01	4.6291E-04	1.0013E+00	-1.1618E-03	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 1.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)
1.0000E-04	5.4097E+00	-3.9280E-01	2.5424E+00	-1.8063E-01	9.3259E-01	-6.5216E-02	3.0999E-01	-1.9425E-02	1.0007E-01	6.9954E-04
2.0000E-04	3.5721E+00	-5.2979E-01	2.0879E+00	-2.9932E-01	8.7068E-01	-1.2176E-01	3.0389E-01	-3.7881E-02	1.0014E-01	1.3981E-03
5.0000E-04	1.7380E+00	-6.6088E-01	1.3210E+00	-4.8388E-01	7.1728E-01	-2.5130E-01	2.8645E-01	-8.7836E-02	1.0035E-01	3.4877E-03
1.0000E-03	9.3163E-01	-7.1464E-01	8.0493E-01	-5.9871E-01	5.4480E-01	-3.8255E-01	2.6040E-01	-1.5530E-01	1.0070E-01	6.9506E-03
2.0000E-03	4.8283E-01	-7.3292E-01	4.4886E-01	-6.6459E-01	3.6204E-01	-5.0180E-01	2.1881E-01	-2.4493E-01	1.0141E-01	1.3803E-02
5.0000E-03	1.9903E-01	-6.6154E-01	1.9437E-01	-6.2787E-01	1.8084E-01	-5.3262E-01	1.4881E-01	-3.1214E-01	1.0356E-01	3.3781E-02
1.0000E-02	1.1076E-01	-3.7765E-01	1.1065E-01	-3.5914E-01	1.1030E-01	-3.0517E-01	1.0931E-01	-1.7024E-01	1.0723E-01	6.5236E-02
1.5000E-02	9.7508E-02	-7.2649E-02	9.8050E-02	-6.5613E-02	9.9640E-02	-4.5168E-02	1.0368E-01	5.6312E-03	1.1100E-01	9.4535E-02
2.0000E-02	1.0408E-01	1.0389E-01	1.0451E-01	1.0462E-01	1.0578E-01	1.0674E-01	1.0900E-01	1.1212E-01	1.1485E-01	1.2184E-01
2.5000E-02	1.1405E-01	1.7209E-01	1.1425E-01	1.7104E-01	1.1482E-01	1.6800E-01	1.1625E-01	1.6046E-01	1.1879E-01	1.4731E-01
3.0000E-02	1.2199E-01	1.9287E-01	1.2202E-01	1.9195E-01	1.2212E-01	1.8928E-01	1.2237E-01	1.8264E-01	1.2280E-01	1.7108E-01
3.5000E-02	1.2746E-01	2.0316E-01	1.2743E-01	2.0274E-01	1.2736E-01	2.0153E-01	1.2718E-01	1.9852E-01	1.2687E-01	1.9328E-01
4.0000E-02	1.3163E-01	2.1611E-01	1.3161E-01	2.1602E-01	1.3153E-01	2.1577E-01	1.3134E-01	2.1514E-01	1.3101E-01	2.1405E-01
5.0000E-02	1.3951E-01	2.5069E-01	1.3950E-01	2.5073E-01	1.3949E-01	2.5086E-01	1.3947E-01	2.5117E-01	1.3942E-01	2.5172E-01
6.0000E-02	1.4798E-01	2.8470E-01	1.4798E-01	2.8471E-01	1.4799E-01	2.8473E-01	1.4800E-01	2.8478E-01	1.4802E-01	2.8487E-01
8.0000E-02	1.6561E-01	3.4018E-01	1.6561E-01	3.4018E-01	1.6561E-01	3.4018E-01	1.6561E-01	3.4017E-01	1.6561E-01	3.4017E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 1.0000E-01 (first two column groups); H(1)/H(2)= 2.0000E-01 (last three column groups)

V	SIGMA(3)/SIGMA(1)= 1.0000E+03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-04 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-03 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E-02 Q(AMP)	Q(PHASE)
1.0000E-04	3.2337E-02	2.1777E-02	1.0798E-02	7.1342E-02	1.7359E+01	-6.6232E-01	1.3187E+01	-4.8605E-01	7.1441E+00	-2.5580E-01
2.0000E-04	3.3067E-02	4.2428E-02	1.1644E-02	1.3242E-01	9.3022E+00	-7.1951E-01	8.0270E+00	-6.0486E-01	5.4070E+00	-3.9299E-01
5.0000E-04	3.5330E-02	9.8147E-02	1.4375E-02	2.6940E-01	3.8811E+00	-7.5760E-01	3.6529E+00	-7.0325E-01	3.0410E+00	-5.6822E-01
1.0000E-03	3.9294E-02	1.7316E-01	1.9284E-02	4.0427E-01	1.9681E+00	-7.7012E-01	1.9092E+00	-7.4127E-01	1.7365E+00	-6.6070E-01
2.0000E-03	4.7630E-02	2.7383E-01	2.9572E-02	5.2545E-01	9.9108E-01	-7.7300E-01	9.7622E-01	-7.5805E-01	9.3083E-01	-7.1364E-01
5.0000E-03	7.2704E-02	3.7135E-01	6.0493E-02	5.7760E-01	3.9840E-01	-7.4916E-01	3.9612E-01	-7.4281E-01	3.8898E-01	-7.2321E-01
1.0000E-02	1.0486E-01	2.9628E-01	1.0346E-01	4.2488E-01	2.0143E-01	-6.5157E-01	2.0097E-01	-6.4799E-01	1.9952E-01	-6.3682E-01
1.5000E-02	1.1864E-01	1.8434E-01	1.2315E-01	2.3645E-01	1.3975E-01	-4.9538E-01	1.3964E-01	-4.9279E-01	1.3928E-01	-4.8468E-01
2.0000E-02	1.2104E-01	1.3208E-01	1.2477E-01	1.3822E-01	1.1496E-01	-3.0587E-01	1.1496E-01	-3.0402E-01	1.1498E-01	-2.9824E-01
2.5000E-02	1.2141E-01	1.3411E-01	1.2295E-01	1.2649E-01	1.0684E-01	-1.2109E-01	1.0690E-01	-1.1994E-01	1.0706E-01	-1.1633E-01
3.0000E-02	1.2323E-01	1.5947E-01	1.2348E-01	1.5277E-01	1.0754E-01	2.9266E-02	1.0760E-01	2.9865E-02	1.0780E-01	3.1745E-02
3.5000E-02	1.2656E-01	1.8805E-01	1.2638E-01	1.8505E-01	1.1274E-01	1.3670E-01	1.1280E-01	1.3693E-01	1.1298E-01	1.3766E-01
4.0000E-02	1.3067E-01	2.1297E-01	1.3048E-01	2.1235E-01	1.1993E-01	2.0710E-01	1.1998E-01	2.0713E-01	1.2012E-01	2.0720E-01
5.0000E-02	1.3938E-01	2.5226E-01	1.3935E-01	2.5258E-01	1.3497E-01	2.7675E-01	1.3499E-01	2.7665E-01	1.3504E-01	2.7631E-01
6.0000E-02	1.4803E-01	2.8495E-01	1.4804E-01	2.8500E-01	1.4752E-01	3.0370E-01	1.4752E-01	3.0362E-01	1.4753E-01	3.0336E-01
8.0000E-02	1.6560E-01	3.4016E-01	1.6560E-01	3.4016E-01	1.6627E-01	3.4128E-01	1.6627E-01	3.4127E-01	1.6626E-01	3.4126E-01
1.0000E-01	1.8360E-01	3.8403E-01	1.8360E-01	3.8403E-01	1.8366E-01	3.8319E-01	1.8366E-01	3.8319E-01	1.8366E-01	3.8320E-01
1.5000E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6033E-01	2.2963E-01	4.6033E-01	2.2963E-01	4.6033E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 2.0000E-01

V	SIGMA(3)/SIGMA(1)= 1.0000E-01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+00 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+01 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+02 Q(AMP)	Q(PHASE)	SIGMA(3)/SIGMA(1)=1.0000E+03 Q(AMP)	Q(PHASE)
1.0000E-04	2.8298E+00	-1.0026E-01	9.6563E-01	-3.3771E-02	3.1313E-01	-9.7331E-03	1.0007E-01	6.9954E-04	3.2014E-02	1.2124E-02
2.0000E-04	2.5419E+00	-1.8074E-01	9.3259E-01	-6.5197E-02	3.1005E-01	-1.9214E-02	1.0014E-01	1.3981E-03	3.2410E-02	2.3908E-02
5.0000E-04	1.9089E+00	-3.4381E-01	8.4183E-01	-1.4708E-01	3.0104E-01	-4.6195E-02	1.0035E-01	3.4877E-03	3.3622E-02	5.7316E-02
1.0000E-03	1.3203E+00	-4.8371E-01	7.1731E-01	-2.5088E-01	2.8674E-01	-8.6592E-02	1.0070E-01	6.9506E-03	3.5717E-02	1.0701E-01
2.0000E-03	8.0448E-01	-5.9764E-01	5.4492E-01	-3.8108E-01	2.6094E-01	-1.5236E-01	1.0141E-01	1.3803E-02	4.0115E-02	1.8745E-01
5.0000E-03	3.6746E-01	-6.6573E-01	3.0987E-01	-5.2065E-01	2.0355E-01	-2.6249E-01	1.0356E-01	3.3781E-02	5.4113E-02	3.2776E-01
1.0000E-02	1.9503E-01	-6.0273E-01	1.8200E-01	-5.0627E-01	1.5106E-01	-2.8303E-01	1.0723E-01	6.5236E-02	7.7297E-02	3.9704E-01
1.5000E-02	1.3815E-01	-4.5971E-01	1.3478E-01	-3.8723E-01	1.2607E-01	-2.0851E-01	1.1100E-01	9.4535E-02	9.7756E-02	3.8232E-01
2.0000E-02	1.1503E-01	-2.8044E-01	1.1515E-01	-2.2866E-01	1.1527E-01	-1.0003E-01	1.1485E-01	1.2184E-01	1.1373E-01	3.3666E-01
2.5000E-02	1.0756E-01	-1.0521E-01	1.0902E-01	-7.2901E-02	1.1263E-01	7.3844E-03	1.1879E-01	1.4731E-01	1.2462E-01	2.8673E-01
3.0000E-02	1.0841E-01	3.7530E-02	1.1019E-01	5.4380E-02	1.1470E-01	9.6497E-02	1.2280E-01	1.7108E-01	1.3116E-01	2.4752E-01
3.5000E-02	1.1354E-01	1.3992E-01	1.1517E-01	1.4651E-01	1.1932E-01	1.6316E-01	1.2687E-01	1.9328E-01	1.3487E-01	2.2502E-01
4.0000E-02	1.2056E-01	2.0745E-01	1.2184E-01	2.0817E-01	1.2509E-01	2.1012E-01	1.3101E-01	2.1405E-01	1.3726E-01	2.1869E-01
5.0000E-02	1.3522E-01	2.7528E-01	1.3575E-01	2.7227E-01	1.3707E-01	2.6480E-01	1.3942E-01	2.5172E-01	1.4184E-01	2.3852E-01
6.0000E-02	1.4755E-01	3.0258E-01	1.4761E-01	3.0032E-01	1.4776E-01	2.9469E-01	1.4802E-01	2.8487E-01	1.4827E-01	2.7499E-01
8.0000E-02	1.6623E-01	3.4121E-01	1.6615E-01	3.4108E-01	1.6595E-01	3.4074E-01	1.6561E-01	3.4017E-01	1.6526E-01	3.3959E-01
1.0000E-01	1.8365E-01	3.8324E-01	1.8365E-01	3.8334E-01	1.8363E-01	3.8359E-01	1.8360E-01	3.8403E-01	1.8356E-01	3.8447E-01
1.5000E-01	2.2963E-01	4.6033E-01	2.2963E-01	4.6033E-01	2.2963E-01	4.6032E-01	2.2963E-01	4.6031E-01	2.2963E-01	4.6030E-01
2.0000E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01	2.7645E-01	5.0691E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01	3.7070E-01	5.5334E-01
4.0000E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01	4.6433E-01	5.6602E-01
5.0000E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01	5.5614E-01	5.5935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 2.0000E-01 H(1)/H(2)= 5.0000E-01

	S)GMA(3)/SIGMA(1)=	1.0000E+00	SIGMA(3)/SIGMA(1)=1.0000E-04		SIGMA(3)/SIGMA(1)=1.0000E-03		SIGMA(3)/SIGMA(1)=1.0000E-02		SIGMA(3)/SIGMA(1)=1.0000E-01	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	1.0429E-02	4.0327E-02	3.5618E+01	-5.3079E-01	2.0839E+01	-3.0067E-01	8.6888E+00	-1.2378E-01	3.0237E+00	-4.2915E-02
2.0000E-04	1.0874E-02	7.7364E-02	2.0922E+01	-6.3689E-01	1.5052E+01	-4.4210E-01	7.6030E+00	-2.1777E-01	2.8920E+00	-8.2146E-02
5.0000E-04	1.2284E-02	1.7155E-01	9.2764E+00	-7.1967E-01	8.0081E+00	-6.0526E-01	5.3991E+00	-3.9356E-01	2.5405E+00	-1.8108E-01
1.0000E-03	1.4812E-02	2.8605E-01	4.8035E+00	-7.5108E-01	4.4551E+00	-6.8523E-01	3.5625E+00	-5.3030E-01	2.0852E+00	-2.9976E-01
2.0000E-03	2.0215E-02	4.2266E-01	2.4443E+00	-7.6675E-01	2.3535E+00	-7.3132E-01	2.0930E+00	-6.3525E-01	1.5071E+00	-4.3968E-01
5.0000E-03	3.7220E-02	5.6899E-01	9.8819E-01	-7.7001E-01	9.7345E-01	-7.7550E-01	9.2047E-01	-7.1062E-01	8.0314E-01	-5.5943E-01
1.0000E-02	6.5389E-02	5.9308E-01	4.9619E-01	-7.4848E-01	4.9256E-01	-7.4064E-01	4.8146E-01	-7.1659E-01	4.4829E-01	-6.4737E-01
1.5000E-02	9.1392E-02	5.3940E-01	3.3198E-01	-7.0814E-01	3.3049E-01	-7.0263E-01	3.2584E-01	-6.8555E-01	3.1167E-01	-6.3472E-01
2.0000E-02	1.1283E-01	4.3517E-01	2.5076E-01	-6.5117E-01	2.5000E-01	-6.4480E-01	2.4765E-01	-6.2317E-01	2.4041E-01	-5.9198E-01
2.5000E-02	1.2772E-01	3.4622E-01	2.0337E-01	-5.7903E-01	2.0296E-01	-5.7535E-01	2.0168E-01	-5.6386E-01	1.9774E-01	-5.2881E-01
3.0000E-02	1.3604E-01	2.9238E-01	1.7350E-01	-4.9397E-01	1.7328E-01	-4.9080E-01	1.7260E-01	-4.8088E-01	1.7049E-01	-4.5050E-01
3.5000E-02	1.3967E-01	2.4406E-01	1.5419E-01	-3.9938E-01	1.5409E-01	-3.9664E-01	1.5377E-01	-3.8808E-01	1.5277E-01	-3.6179E-01
4.0000E-02	1.4103E-01	2.2170E-01	1.4193E-01	-2.9967E-01	1.4189E-01	-2.9734E-01	1.4181E-01	-2.9005E-01	1.4152E-01	-2.6765E-01
5.0000E-02	1.4327E-01	2.3088E-01	1.3112E-01	-1.0371E-01	1.3117E-01	-1.0215E-01	1.3132E-01	-9.7245E-02	1.3179E-01	-8.2179E-02
6.0000E-02	1.4841E-01	2.6928E-01	1.3162E-01	6.3943E-02	1.3169E-01	6.4080E-02	1.3193E-01	6.4702E-02	1.3266E-01	7.6869E-02
8.0000E-02	1.6508E-01	3.3926E-01	1.4852E-01	2.8814E-01	1.4859E-01	2.8936E-01	1.4882E-01	2.8505E-01	1.4950E-01	2.6876E-01
1.0000E-01	1.8355E-01	3.8473E-01	1.7265E-01	3.9110E-01	1.7269E-01	3.9107E-01	1.7283E-01	3.9096E-01	1.7327E-01	3.9063E-01
1.5000E-01	2.2963E-01	4.6029E-01	2.2971E-01	4.7245E-01	2.2971E-01	4.7240E-01	2.2971E-01	4.7224E-01	2.2970E-01	4.7174E-01
2.0000E-01	2.7649E-01	5.0691E-01	2.7713E-01	5.0705E-01	2.7713E-01	5.0705E-01	2.7712E-01	5.0704E-01	2.7709E-01	5.0704E-01
3.0000E-01	3.7070E-01	5.5334E-01	3.7066E-01	5.5331E-01	3.7066E-01	5.5331E-01	3.7066E-01	5.5331E-01	3.7066E-01	5.5331E-01
4.0000E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01
5.0000E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04

SIGMA(2)/SIGMA(1)= 1.0000E+02

H(1)/H(2)= 5.0000E-01

	S)GMA(3)/SIGMA(1)=	1.0000E+00	SIGMA(3)/SIGMA(1)=1.0000E-01		SIGMA(3)/SIGMA(1)=1.0000E+02		SIGMA(3)/SIGMA(1)=1.0000E+03		SIGMA(3)/SIGMA(1)=1.0000E+04	
V	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)	Q(AMP)	Q(PHASE)
1.0000E-04	9.8610E-01	-1.3798E-02	3.1502E-01	-3.8019E-03	1.0007E-01	6.9954E-04	3.1821E-02	6.2160E-03	1.0213E-02	2.0629E-02
2.0000E-04	9.7240E-01	-2.7200E-02	3.1382E-01	-7.5607E-03	1.0014E-01	1.3981E-03	3.2021E-02	1.2348E-02	1.0430E-02	4.0400E-02
5.0000E-04	9.3259E-01	-6.5139E-02	3.1024E-01	-1.8582E-02	1.0035E-01	3.4877E-03	3.2627E-02	3.0246E-02	1.1104E-02	9.4933E-02
1.0000E-03	8.7069E-01	-1.2147E-01	3.0438E-01	-3.6119E-02	1.0070E-01	6.9506E-03	3.3660E-02	5.8487E-02	1.2289E-02	1.7197E-01
2.0000E-03	7.6434E-01	-2.1267E-01	2.9306E-01	-6.8226E-02	1.0141E-01	1.3803E-02	3.5798E-02	1.0948E-01	1.4822E-02	2.8706E-01
5.0000E-03	5.4529E-01	-3.7667E-01	2.6256E-01	-1.4361E-01	1.0356E-01	3.3781E-02	4.2626E-02	2.2698E-01	2.3044E-02	4.6881E-01
1.0000E-02	3.6335E-01	-4.8153E-01	2.2270E-01	-2.1507E-01	1.0723E-01	6.5236E-02	5.4736E-02	3.4509E-01	3.7358E-02	5.8028E-01
1.5000E-02	2.7253E-01	-5.0089E-01	1.9391E-01	-2.3916E-01	1.1100E-01	9.4535E-02	6.7113E-02	4.0883E-01	5.1778E-02	6.1945E-01
2.0000E-02	2.1967E-01	-4.7834E-01	1.7323E-01	-2.3121E-01	1.1485E-01	1.2184E-01	7.9380E-02	4.4257E-01	6.6083E-02	6.3097E-01
2.5000E-02	1.8620E-01	-4.2971E-01	1.5851E-01	-2.0126E-01	1.1879E-01	1.4731E-01	9.1317E-02	4.5817E-01	8.0149E-02	6.2788E-01
3.0000E-02	1.6420E-01	-3.6349E-01	1.4830E-01	-1.5665E-01	1.2289E-01	1.7108E-01	1.0275E-01	4.6213E-01	9.3835E-02	6.1594E-01
3.5000E-02	1.4974E-01	-2.8605E-01	1.4158E-01	-1.0316E-01	1.2687E-01	1.9328E-01	1.1356E-01	4.5845E-01	1.0698E-01	5.9684E-01
4.0000E-02	1.4058E-01	-2.0296E-01	1.3763E-01	-4.5459E-02	1.3101E-01	2.1405E-01	1.2360E-01	4.4988E-01	1.1940E-01	5.7374E-01
5.0000E-02	1.3307E-01	-9.8502E-02	1.3590E-01	6.4903E-02	1.3942E-01	2.5172E-01	1.4138E-01	4.2973E-01	1.4139E-01	5.2069E-01
6.0000E-02	1.3475E-01	1.0323E-01	1.3981E-01	1.6908E-01	1.4802E-01	2.8487E-01	1.5521E-01	4.0120E-01	1.5870E-01	4.6777E-01
8.0000E-02	1.5149E-01	2.9341E-01	1.5653E-01	3.0960E-01	1.6561E-01	3.4017E-01	1.7506E-01	3.7392E-01	1.8065E-01	3.9482E-01
1.0000E-01	1.7453E-01	3.8968E-01	1.7774E-01	3.8745E-01	1.8360E-01	3.8403E-01	1.8981E-01	3.8122E-01	1.9356E-01	3.7990E-01
1.5000E-01	2.2970E-01	4.7028E-01	2.2968E-01	4.6665E-01	2.2963E-01	4.6031E-01	2.2958E-01	4.5393E-01	2.2954E-01	4.5024E-01
2.0000E-01	2.7701E-01	5.0702E-01	2.7680E-01	5.0698E-01	2.7645E-01	5.0691E-01	2.7610E-01	5.0685E-01	2.7590E-01	5.0681E-01
3.0000E-01	3.7067E-01	5.5332E-01	3.7068E-01	5.5333E-01	3.7070E-01	5.5334E-01	3.7072E-01	5.5335E-01	3.7073E-01	5.5336E-01
4.0000E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9602E-01	4.6433E-01	5.9601E-01
5.0000E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01	5.5614E-01	5.9935E-01
6.0000E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01	6.4496E-01	5.3969E-01
7.0000E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01	7.2942E-01	5.1058E-01
8.0000E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01	8.0807E-01	4.7439E-01
1.0000E+00	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01	9.4200E-01	3.8837E-01
1.2000E+00	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01	1.0376E+00	2.9537E-01
1.3000E+00	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01	1.0702E+00	2.4999E-01
1.5000E+00	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01	1.1074E+00	1.6722E-01
1.7000E+00	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02	1.1155E+00	9.9615E-02
2.0000E+00	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02	1.0964E+00	2.9857E-02
2.5000E+00	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02	1.0450E+00	-1.8313E-02
3.0000E+00	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02	1.0107E+00	-2.0967E-02
3.5000E+00	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02	9.9728E-01	-1.1269E-02
4.0000E+00	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03	9.9538E-01	-3.3510E-03
4.5000E+00	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04	9.9719E-01	2.2743E-04
5.0000E+00	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04	9.9902E-01	9.8518E-04

U. S. DEPARTMENT OF COMMERCE
Luther H. Hodges, *Secretary*

NATIONAL BUREAU OF STANDARDS
A. V. Astin, *Director*

THE NATIONAL BUREAU OF STANDARDS

The scope of activities of the National Bureau of Standards at its major laboratories in Washington, D.C., and Boulder, Colorado, is suggested in the following listing of the divisions and sections engaged in technical work. In general, each section carries out specialized research, development, and engineering in the field indicated by its title. A brief description of the activities, and of the resultant publications, appears on the inside of the front cover.

WASHINGTON, D.C.

Electricity. Resistance and Reactance. Electrochemistry. Electrical Instruments. Magnetic Measurements. Dielectrics. High Voltage.

Metrology. Photometry and Colorimetry. Refractometry. Photographic Research. Length. Engineering Metrology. Mass and Scale. Volumetry and Densimetry.

Heat. Temperature Physics. Heat Measurements. Cryogenic Physics. Equation of State. Statistical Physics.

Radiation Physics. X-ray. Radioactivity. Radiation Theory. High Energy Radiation. Radiological Equipment. Nucleonic Instrumentation. Neutron Physics.

Analytical and Inorganic Chemistry. Pure Substances. Spectrochemistry. Solution Chemistry. Standard Reference Materials. Applied Analytical Research.

Mechanics. Sound. Pressure and Vacuum. Fluid Mechanics. Engineering Mechanics. Rheology. Combustion Controls.

Organic and Fibrous Materials. Rubber. Textiles. Paper. Leather. Testing and Specifications. Polymer Structure. Plastics. Dental Research.

Metallurgy. Thermal Metallurgy. Chemical Metallurgy. Mechanical Metallurgy. Corrosion. Metal Physics. Electrolysis and Metal Deposition.

Mineral Products. Engineering Ceramics. Glass. Refractories. Enameled Metals. Crystal Growth. Physical Properties. Constitution and Microstructure.

Building Research. Structural Engineering. Fire Research. Mechanical Systems. Organic Building Materials. Codes and Safety Standards. Heat Transfer. Inorganic Building Materials.

Applied Mathematics. Numerical Analysis. Computation. Statistical Engineering. Mathematical Physics. Operations Research.

Data Processing Systems. Components and Techniques. Computer Technology. Measurements Automation. Engineering Applications. Systems Analysis.

Atomic Physics. Spectroscopy. Infrared Spectroscopy. Solid State Physics. Electron Physics. Atomic Physics.

Instrumentation. Engineering Electronics. Electron Devices. Electronic Instrumentation. Mechanical Instruments. Basic Instrumentation.

Physical Chemistry. Thermochemistry. Surface Chemistry. Organic Chemistry. Molecular Spectroscopy. Molecular Kinetics. Mass Spectrometry.

Office of Weights and Measures.

BOULDER, COLO.

Cryogenic Engineering. Cryogenic Equipment. Cryogenic Processes. Properties of Materials. Cryogenic Technical Services.

Ionosphere Research and Propagation. Low Frequency and Very Low Frequency Research. Ionosphere Research. Prediction Services. Sun-Earth Relationships. Field Engineering. Radio Warning Services. Vertical Soundings Research.

Radio Propagation Engineering. Data Reduction Instrumentation. Radio Noise. Tropospheric Measurements. Tropospheric Analysis. Propagation-Terrain Effects. Radio-Meteorology. Lower Atmosphere Physics.

Radio Standards. High Frequency Electrical Standards. Radio Broadcast Service. Radio and Microwave Materials. Atomic Frequency and Time Interval Standards. Electronic Calibration Center. Millimeter-Wave Research. Microwave Circuit Standards.

Radio Systems. Applied Electromagnetic Theory. High Frequency and Very High Frequency Research. Modulation Research. Antenna Research. Navigation Systems.

Upper Atmosphere and Space Physics. Upper Atmosphere and Plasma Physics. Ionosphere and Exosphere Scatter. Airglow and Aurora. Ionospheric Radio Astronomy.


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