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EVALUATION OF NEUTRON NUCLEAR DATA OF ^{9}Be FOR JENDL-3

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Keiichi SHIBATA

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Evaluation of Neutron Nuclear Data of ^9Be for JENDL-3

Keiichi SHIBATA

Department of Physics

Tokai Research Establishment, JAERI

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Neutron nuclear data of ^9Be have been evaluated for JENDL-3 in the energy range from 10^{-5} eV to 20 MeV. Evaluated quantities are the total, elastic and inelastic scattering, photon-production, (n,γ) , (n,p) , (n,d) , (n,t) and (n,α) reaction cross sections and the angular and energy distributions of neutrons. The total cross section below 830 keV was calculated with the R-matrix theory. The statistical model was applied to the prediction of the inelastic scattering and charged-particle emission cross sections. The $(n,2n)$ reaction cross section is given by the sum of the inelastic scattering and (n,α_1) reaction cross sections.

Keywords: Evaluation, Neutron Nuclear Data, Beryllium-9, Cross Section, JENDL-3, R-Matrix Theory, Statistical Model, 10^{-5} eV ~ 20 MeV

JENDL-3 のための ^9Be の中性子核データの評価

日本原子力研究所東海研究所物理部

柴 田 恵 一

(1984年11月20日受理)

JENDL-3 のために ^9Be の中性子核データを 10^{-5}eV から 20MeV のエネルギー範囲で評価した。評価した量は全断面積、弾性・非弾性散乱断面積、光子生成断面積、 (n, γ) 反応断面積、 (n, p) 反応断面積、 (n, d) 反応断面積、 (n, t) 反応断面積、 (n, α) 反応断面積、中性子の角度分布およびエネルギー分布である。830 keV以下の全断面積は R-行列理論により計算した。非弾性散乱断面積および荷電粒子放出反応断面積の計算には統計模型を用いた。 $(n, 2n)$ 反応断面積は非弾性散乱断面積および (n, α_1) 反応断面積の和で与えられる。

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1. Introduction

Beryllium is an important neutron multiplying material for fusion reactors. Its neutron nuclear data¹⁾ are already included in the second version of Japanese Evaluated Nuclear Data Library (JENDL-2) which was released in December 1982. In JENDL-2 the inelastic scattering cross sections were not evaluated, because they were combined into the (n,2n) reaction cross section (MT=16). This treatment, however, is not appropriate for transport calculations, since reaction kinematics cannot be considered exactly. Moreover, the JENDL-2 evaluation was done mainly by using the eye-guide method. Thus, for the third version (JENDL-3), it was decided to re-evaluate the whole data of ^{9}Be in order to raise their reliability.

In this work the cross sections for the inelastic scattering and for the charged-particle emission reactions were calculated with the statistical model, although its applicability to light nuclei is uncertain. The cross sections were normalized to the reliable experimental data. The total cross section below 830 keV was obtained from the R-matrix calculations.

This report gives details of the evaluation. The status of the presently evaluated quantities is given in Table 1. The evaluated data are compiled in the ENDF/B-V format, and they are listed in Appendix.

2. Total Cross Section

The available experimental data are given in Ref. 1. In the present evaluation, the energy range of the total cross section was divided into three regions, and different methods were employed in each energy region.

2.1 Below 1 eV

In this region, the cross section was obtained by summing up the elastic scattering and radiative capture cross sections described in the following sections.

2.2 Between 1 eV and 830 keV

The cross section was calculated on the basis of the R-matrix theory. By using the try-and-error method, the R-matrix parameters were obtained so as to give the best fit to the following experimental data:

Bockelman ²⁾	(1950)
Hibdon and Langsdorf, Jr. ³⁾	(1955)
Bilpuch et al. ⁴⁾	(1962)
Schwartz et al. ⁵⁾	(1971)
Cabe and Cance ⁶⁾	(1973).

The final values of the parameters obtained here are given in Table 2.

2.3 Above 830 keV

The cross section was obtained from a least-squares fit to the following experimental data:

Schwartz et al. ⁵⁾	(1971)
Foster, Jr. and Glasgow ⁷⁾	(1971)
Auchampaugh et al. ⁸⁾	(1979).

Figures 1-4 show the present results together with the JENDL-2, ENDF/B-IV and experimental data.

3. Elastic Scattering

As for the thermal cross section, Mughabghab et al.⁹⁾ recommended a value of 6.151 barns. We also adopted this value in the energy range from 10^{-5} eV to 1 eV. Above 1 eV, the cross section was obtained by subtracting the reaction cross section from the total cross section. The evaluated cross sections are shown in Figs. 5 and 6.

Concerning the angular distribution we adopted the data¹⁾ of JENDL-2.

4. Inelastic Scattering

In this work we assumed that the ($n,2n$) reaction would proceed through the two sequential processes such as (A) $n + {}^9\text{Be} \rightarrow n + {}^9\text{Be}^* \rightarrow 2n + 2\alpha$ and (B) $n + {}^9\text{Be} \rightarrow \alpha_1 + {}^6\text{He}^* \rightarrow 2n + 2\alpha$. As to the ($n,2n$) cross section we adopted the data¹⁾ of JENDL-2, because they seem to be the most reliable. Then the ($n,2n$) cross section was divided into the cross sections for the inelastic scattering and (n,α_1) reaction.

The inelastic scattering cross section was calculated with the statistical model using the computer code CASTHY¹⁰⁾. As the competing processes, the (n,p), (n,d), (n,t) and (n,α) reactions were taken into consideration. The level scheme of ${}^9\text{Be}$ was taken from "Table of Isotopes", 7th edition¹¹⁾, and it is given in Table 3. Above 14.4 MeV overlapping levels were assumed in the calculation, and a constant nuclear temperature of 1.17 MeV was obtained from the work of Giera et al.¹²⁾ As the optical potential parameters those of Agee and Rosen¹³⁾ were employed, and they are listed in Table 4.

Taking account of the (n,α_1) reaction, the calculated cross sections were normalized so as to be consistent with the $(n,2n)$ cross section on the assumption that all the excited levels except 7.9 and 13.79 MeV decay by emitting neutrons with probabilities of 100%. Moreover, we took account of the double-differential cross sections (DDX) measured by Takahashi et al.¹⁴⁾, and then determined the cross section for each level. The virtual continuum was set above 3.06 MeV besides the discrete levels, compensating for neutrons of continuous energies to some extent. Within the framework of the ENDF/B-V format, we can consider only four discrete levels to contribute to the $(n,2n)$ reaction. Thus, the levels were grouped as seen in Table 5. In this work, the data of MT=16 mean the continuous component of the inelastic scattering rather than the direct $(n,2n)$ component. The cross sections for the neutrons emitted in the second stage ${}^9\text{Be}^* \rightarrow n + {}^8\text{Be}$ (MT=46, 47, 48 and 49) are the same as those for the neutrons in the first stage (MT=6, 7, 8 and 9), respectively.

The total $(n,2n)$ reaction cross section itself cannot exist in the presently evaluated data file, because the total cross section should be the sum of all the partial cross sections. For users' convenience, the $(n,2n)$ cross section, which was calculated from the inelastic scattering (MT=6, 7, 8, 9 and 16) and (n,α_1) cross sections, is given in Table 6, and it is also illustrated in Fig. 7 with experimental data.

The angular distributions of neutrons inelastically scattered from the discrete levels except 2.429 MeV were calculated with the statistical model. Concerning the 2.429 MeV level the distribution was obtained from the experimental data^{15,16)}. Isotropic angular distributions in the laboratory system and evaporation spectra were assumed for the neutrons of continuous energies (MT=16). The nuclear temperature was derived from

the DDX data of Takahashi et al.¹⁴⁾, and it was found to be equal to 1.17 MeV at an incident energy of 14.8 MeV. It should be noted that this value is in good agreement with the one obtained by Giera et al.¹²⁾. For other energies, the following expression was assumed:

$$\theta = (E_n/a)^{1/2},$$

where a is a constant and equal to 10.80 MeV^{-1} . As to the neutrons emitted in the second stage, the angular and energy distributions were calculated kinematically in the same manner as performed by Beynon and Oastler¹⁷⁾.

Figures 8 and 9 show the calculated DDX together with the measured data^{14,16)}. The present evaluation reproduces the measured spectrum in the lower energy region of secondary neutrons. At middle energies, however, the agreement is no good. This discrepancy may come partly from the direct ($n,2n$) reaction (simultaneous breakup) which was not considered in the present work.

5. Charged-Particle Emission Reactions

The cross sections for the (n,p), (n,d), (n,t) and (n,α) reactions were calculated with the statistical model using the computer code ELIESE-3¹⁸⁾. The optical potentials were taken from the following works:

neutron	Agee and Rosen ¹³⁾
proton	Votava et al. ¹⁹⁾
deuteron	Lüdecke et al. ²⁰⁾
triton	Lüdecke et al. ²⁰⁾
α -particle	Shibata and Shirato ²¹⁾

They are given in Table 4. For the calculation of the (n,t) and (n,α) cross sections, the ground state and first excited state levels of the

residual nuclei were considered, while only the ground state was taken into account for the (n,p) and (n,d) reactions. Only the shape of the excitation function was adopted from the present statistical-model calculations, and the cross sections were normalized to the reliable experimental data. In the following subsections, details of the normalization are described for each reaction.

5.1 The (n,p) Reaction

Augustson and Menlove²²⁾ measured the delayed-neutron production cross sections for the $^9\text{Be}(n,p)$ reaction at 14.5 and 14.9 MeV. In the JENDL-2 evaluation we adopted a value of 35% for the delayed-neutron decay probability. Recently two measurements^{23,24)} have been performed on the probability. Their values are consistent with each other, but inconsistent with the one of Chen et al.²⁵⁾ which was used in the previous work. Thus, in the present evaluation, we employed the most recent value of 49.5%²⁴⁾. Using this value the measured (n,p) cross section was turned out to be 0.42 mb at 14.9 MeV, and the statistical-model calculation was normalized to this. Figure 10 shows the result.

5.2 The (n,d) Reaction

Scobel²⁶⁾ measured the cross section in the energy range from 16.3 to 18.7 MeV. The present evaluation was completely based on his data with a least-squares fit, abandoning the statistical-model calculation. In Fig. 11 is shown the result.

5.3 The (n,t) Reaction

The (n,t) cross section was measured by Bödy et al.²⁷⁾ in the energy range from 13.55 to 14.7 MeV with the activation method. Thus,

the total (n,t) cross section calculated with the statistical model was normalized to their data. Using the same normalization factor, the cross sections for the (n,t_0) and (n,t_1) reactions were deduced. Figures 12-14 show the present results with experimental data and other evaluated data. In the ENDF/B-IV evaluation of the (n,t_1) cross section, there exists a dip at 14 MeV, and this structure comes from the $(n,t_1\gamma)$ data measured by Benveniste et al.²⁸⁾ However, as seen in Fig. 14, the recently measured $(n,t_1\gamma)$ data^{29,30)} do not reveal such structure, and are consistent with our evaluation.

5.4 The (n,α) Reaction

As to the (n,α_0) reaction, the evaluation was completely based on experimental data, and the statistical-model calculation was disregarded. The measurements used for the evaluation are almost the same as those in JENDL-2, and are listed as follows:

Zattat and Ribe ³¹⁾	(1953),	14.1 MeV,
Stelson and Campbell ³²⁾	(1957),	0.7 ~ 4.4 MeV,
Bass et al. ³³⁾	(1961),	3.9 ~ 8.6 MeV,
Paić et al. ³⁴⁾	(1967),	14.4 MeV,
Perroud and Sellem ³⁵⁾	(1974),	13.99 MeV,
Shibata and Shirato ²¹⁾	(1983),	14.1 MeV.

As to the (n,α_1) reaction, the statistical-model calculation was normalized to the data measured by Perroud and Sellem³⁵⁾ at 13.99 MeV. In the presently evaluated data file, the (n,α_1) reaction is treated as the $(n,2n)\alpha$ reaction (MT=24), because the first excited state of ${}^6\text{He}$ decays by emitting two neutrons. The angular and energy distributions of the neutrons were calculated with the sequential reaction model¹⁷⁾. The evaluated results are shown in Figs. 15 and 16.

6. Radiative Capture Reaction

We adopted the cross section of JENDL-2, i.e.,

$$\sigma_{n,\gamma} = 1.209 \times 10^{-3} [E_n(\text{eV})]^{-1/2} \text{ barns.}$$

7. Photon Production

7.1 The $(n, t_1 \gamma)$ Reaction

The first excited level (0.478 MeV) of ^7Li is known³⁶⁾ to decay by emitting γ -rays, which have isotropic angular distributions, with a probability of 100%. Therefore, we gave a value of 1.0 to the multiplicity.

7.2 The (n, γ) Reaction

Jurney³⁷⁾ measured the capture γ -ray spectrum for thermal neutrons with a Ge(Li) detector, and determined the intensities of the γ -rays. We deduced the γ -ray multiplicities from his data, and they are given in Table 7. The angular distribution of the γ -rays was assumed to be isotropic.

8. Concluding Remarks

Evaluation of neutron nuclear data for ^9Be has been performed in the energy range from 10^{-5} eV to 20 MeV. The present evaluation is mainly based on the R-matrix and statistical-model calculations.

The $(n, 2n)$ reaction cross section was divided into the cross sections for the inelastic scattering and (n, α_1) reaction for the sake of transport calculations. The $(n, 2n)$ cross section itself, however, cannot exist in the presently evaluated data file. Thus, users should make it from the partial cross sections, if necessary. This may be a problem of the current ENDF/B format.

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References

- 1) Shibata K. and Ioki K.: "Neutron Nuclear Data of ^9Be Adopted in JENDL-2", JAERI-M 84-165 (1984).
- 2) Bockelman C.K.: Phys. Rev., 80, 1011 (1950).
- 3) Hibdon C.T. and Langsdorf, Jr. A.: Phys. Rev., 98, 223 (1955).
- 4) Bilpuch E.G., Farrell J.A., Kyker G.C., Parks P.B. and Newson H.W.: taken from EXFOR 11011.003 (1962).
- 5) Schwartz R.B., Schrack R.A. and Heaton H.T.: Bull. Am. Phys. Soc., 16, 495 (1971).
- 6) Cabe J. and Cance M.: "Mesures des Sections Efficaces Totales Neutroniques de Be, ^{11}B , C, Al, Si, S, Ti, V, Ni, ^{235}U , ^{238}U , ^{239}Pu entre 100 keV et 6 MeV", CEA-R-4524 (1973).
- 7) Foster, Jr. D.G. and Glasgow D.W.: Phys. Rev., C3, 576 (1971).
- 8) Auchampaugh G.F., Plattard S. and Hill N.W.: Nucl. Sci. Eng., 69, 30 (1979).
- 9) Mughabghab S.F., Divadeenam M. and Holden N.E.: "Neutron Cross Sections Vol.1", Academic Press, 1981.
- 10) Igarasi S.: J. Nucl. Sci. Technol., 12, 67 (1975).
- 11) Lederer C.M. and Shirley V.S.: "Table of Isotopes", 7th edition, John Wiley & Sons, Inc., 1978.
- 12) Giera H.-D., Seelinger D. and Seidel K.: "Niveaudichten von Leichten und Mittelschweren Kernen bei 11 MeV Anregungsenergie", ZfK-223, 25 (1971).
- 13) Agee F.P. and Rosen L.: "Calculations of Neutron Cross Sections Using a Local Optical Potential with Average Parameters", LA-3538-MS (1966).

- 14) Takahashi A., Yamamoto J., Murakami T., Oshima K., Oda H., Fujimoto F. and Sumita K.: "Measurement of Double Differential Neutron Emission Cross Sections with 14 MeV source for D, Li, Be, C, O, Al, Cr, Fe, Ni, Mo, Cu, Nb and Pb", Proc. Int. Conf. Nuclear Data for Science and Technology, Antwerp 1982, 360 (1983).
- 15) Hogue H.H., von Behren P.L., Epperson D.H., Glendinning S.G., Lisowski P.W., Nelson C.E., Newson H.W., Purser F.O. and Tornow W.: Nucl. Sci. Eng., 68, 38 (1978).
- 16) Baba M., Sakase T., Nishitani T., Yamada T. and Momota T.: "The Interaction of Fast Neutrons with ⁹Be", Proc. Int. Conf. Neutron Physics and Nuclear Data for Reactors and Other Applied Purposes, Harwell 1978, 198 (1979).
- 17) Beynon T.D. and Oastler A.J.: Ann. Nucl. Energy, 6, 537 (1979).
- 18) Igarasi S.: "Program ELIESE-3; Program for Calculation of the Nuclear Cross Sections by Using Local and Non-Local Optical Models and Statistical Model", JAERI 1224 (1972).
- 19) Votava H.J., Clegg T.B., Ludwig E.J. and Thompson W.J.: Nucl. Phys., A204, 529 (1973).
- 20) Lüdecke H., Wan-Tjin T., Werner H. and Zimmerer J.: Nucl. Phys., A109, 676 (1968).
- 21) Shibata K. and Shirato S.: J. Phys. Soc. Jpn., 52, 3748 (1983).
- 22) Augustson R.H. and Menlove H.O.: Nucl. Sci. Eng., 54, 190 (1974).
- 23) Björnstad T., Gustafsson H.A., Hansen P.G., Jonson B., Lindfors V., Mattsson S., Poskanzer A.M. and Ravn H.L.: Nucl. Phys., A359, 1 (1981).
- 24) Epherre M., Klapisch R., Mark S.K.T., de Saint Simon M., Thebault C. and Touchard F.: Nucl. Phys., A366, 449 (1981).

- 25) Chen Y.S., Tombrello T.A. and Kavanagh R.W.: Nucl. Phys., A146, 138 (1970).
- 26) Scobel W.: Z. Naturforsch., 24a, 289 (1969); ibid., 24a, 1858 (1969).
- 27) Bödy Z.T., Cserpák F., Csikai J., Sudár S. and Mihály K.: "Measurement and Evaluation of (n,t) Cross Sections", Proc. Int. Conf. Nuclear Data for Science and Technology, Antwerp 1982, 368 (1983).
- 28) Benveniste J., Mitchell A.C., Schrader C.D. and Zenger J.H.: Nucl. Phys., 19, 52 (1960).
- 29) Dietrich F.S., Hansen L.F. and Koopman R.P.: Nucl. Sci. Eng., 61, 267 (1976).
- 30) Hino Y., Itagaki S. and Sugiyama K.: "Cross Sections for the Reactions $^9\text{Be}(n, t_1\gamma)$ and $^{12}\text{C}(n, n'\gamma)$ between 13.0 and 15.0 MeV", Proc. Symp. Neutron Cross-Section from 10 to 50 MeV, BNL 1980, 413 (1980).
- 31) Battat M.E. and Ribe F.L.: Nucl. Phys., A89, 80 (1953).
- 32) Stelson P.H. and Campbell E.C.: Nucl. Phys., A106, 1252 (1957).
- 33) Bass R., Bonner T.W. and Haenni H.P.: Nucl. Phys., 23, 122 (1961).
- 34) Paić G., Rendić D. and Tomas P.: Nucl. Phys., A96, 476 (1967).
- 35) Perroud J.P. and Sellem Ch.: Nucl. Phys., A227, 330 (1974).
- 36) Ajzenberg-Selove F.: Nucl. Phys., A413, 1 (1984).
- 37) Journey E.T.: "Application of the Thermal (n,γ) Reaction to Elemental Analysis", Proc. Third Symp. Neutron Capture Gamma Rays, BNL 1978, 46 (1979), Plenum Press.
- 38) Igarasi S., Nakagawa T., Kikuchi Y., Asami T. and Narita T.: "Japanese Evaluated Nuclear Data Library, Version-1 -JENDL-1-", JAERI 1261 (1979).

Table 1 Status of presently evaluated quantities.

Quantities	Energy range(eV)*		Comments
	min	max	
a) Cross sections			
Total	1.0 -5	2.0+7	Figs. 1-4
Elastic scattering	1.0 -5	2.0+7	Figs. 5,6
Total inelastic scattering	8.78+6	2.0+7	Figs. 8,9
Inelastic scattering			
to the 7th level	8.78+6	2.0+7	
to the 11th level	1.53+7	2.0+7	
(n,2n)	1.75+6	2.0+7	Fig. 7
(n, γ)	1.0 -5	2.0+7	
(n,p)	1.43+7	2.0+7	Fig. 10
(n,d)	1.63+7	2.0+7	Fig. 11
(n,t)	1.16+7	2.0+7	Figs. 12-14
(n, α)	6.70+5	2.0+7	Figs. 15,16
b) Angular distributions of secondary neutrons			
Elastic scattering	1.0 -5	2.0+7	
Inelastic scattering	8.78+6	2.0+7	
(n,2n)	1.75+6	2.0+7	
c) Energy distributions of secondary neutrons			
(n,2n)	1.75+6	2.0+7	
d) Photon-production cross sections			
(n, γ)	1.0 -5	2.0+7	
(n, $t_1\gamma$)	1.21+7	2.0+7	
e) Angular distributions of photons			
(n, γ)	1.0 -5	2.0+7	
(n, $t_1\gamma$)	1.21+7	2.0+7	

* 2.0+7 denotes 2.0×10^7 .

Table 2 R-matrix parameters.

$J\pi$	ℓ	s	$E_{\lambda}^{J\pi}$ (MeV)	$\gamma_{\lambda}^{J\pi}$ (MeV $^{1/2}$)	$R^{\infty J\pi}$
1^-	0	1	-0.851	0.596	0.0
2^-	0	2	-0.547	0.588	0.0
2^+	1	1	0.728	0.100	0.0
	1	2	0.728	0.100	0.0
3^-	2	1	0.555	1.000	0.0
	2	2	0.555	0.300	0.0

 $a = 4.5$ fm.

The R-matrix is given by

$$R^{J\pi} = R^{\infty J\pi} + \sum_{\lambda} \gamma_{\lambda}^{J\pi} \gamma_{\lambda}^{J\pi} / (E_{\lambda}^{J\pi} - E).$$

Table 3 Level scheme of ${}^9\text{Be}$.

No.	Energy (MeV)	I^{π}
g.s.	0.0	$3/2^-$
1	1.68	$1/2^+$
2	2.429	$5/2^-$
3	2.800	$1/2^+$
4	3.06	$5/2^+$
5	4.7	$3/2^+$
6	6.8	$7/2^-$
7	7.9	$5/2^-$ *)
8	11.28	$9/2^-$ *)
9	11.81	$7/2^-$ *)
10	13.79	$5/2^-$ *)
11	14.396	$3/2^-$

*) The spin-parity values were tentatively assigned.

Table 4 Optical potential parameters used in the statistical
model calculations.

1) Neutron

$$\begin{aligned} v_0 &= 49.3 - 0.33 \times E, W_s = 5.75, V_{so} = 5.5 && (\text{MeV}) \\ r_0 &= r_s = r_{so} = 1.25 && (\text{fm}) \\ a_0 &= 0.65, a_s = 0.70, a_{so} = 0.65 && (\text{fm}) \end{aligned}$$

2) Proton

$$\begin{aligned} v_0 &= 59.5 - 0.36 \times E, W_s = 12.0 + 0.07 \times E, V_{so} = 4.9 && (\text{MeV}) \\ r_0 &= 1.24, r_s = 1.36, r_{so} = 1.20, r_c = 1.30 && (\text{fm}) \\ a_0 &= 0.63, a_s = 0.35, a_{so} = 0.31 && (\text{fm}) \end{aligned}$$

3) Deuteron

$$\begin{aligned} v_0 &= 78.0, W_I = 30.0, V_{so} = 6.4 && (\text{MeV}) \\ r_0 &= r_{so} = 1.05, r_I = 0.84, r_c = 1.30 && (\text{fm}) \\ a_0 &= 0.95, a_I = 0.85, a_{so} = 0.95 && (\text{fm}) \end{aligned}$$

4) Triton

$$\begin{aligned} v_0 &= 140.0, W_s = 7.5, V_{so} = 6.0 && (\text{MeV}) \\ r_0 &= r_{so} = 1.20, r_s = 2.69, r_c = 1.30 && (\text{fm}) \\ a_0 &= 0.45, a_s = 0.36, a_{so} = 0.70 && (\text{fm}) \end{aligned}$$

5) α -particle

$$\begin{aligned} v_0 &= 125.0, W_s = 15.0, V_{so} = 0.0 && (\text{MeV}) \\ r_0 &= 1.56, r_s = 1.56, r_c = 1.22 && (\text{fm}) \\ a_0 &= 0.50, a_s = 0.11 && (\text{fm}) \end{aligned}$$

The potential form is the same as given in Ref. 38.

The symbol E is the energy in the center-of-mass system.

Table 5 Inelastic scattering cross sections
in the present evaluation.

Cross section	MT
1st level	6
Sum of 2nd, 3rd and 4th levels	7
5th level	8
6th level	9
Sum of 8th, 9th, 11th and continuum levels	16
7th level *)	51
10th level *)	52

*) These levels do not contribute to the $(n,2n)$ reaction.

Table 6 Calculated ($n,2n$) cross sections.

E (eV)	X-Section (barns)	E (eV)	X-Section (barns)	E (eV)	X-Section (barns)
1.86803+ 6	0.0 + 0	1.86825+ 6	8.98058- 7	1.86848+ 6	1.85997- 6
1.86893+ 6	3.81007- 6	1.86984+ 6	8.02886- 6	1.87075+ 6	1.26158- 5
1.87166+ 6	1.75706- 5	1.87348+ 6	2.85829- 5	1.87530+ 6	4.10634- 5
1.87712+ 6	5.50102- 5	1.87895+ 6	7.05097- 5	1.88260+ 6	1.05836- 4
1.88626+ 6	1.47146- 4	1.88993+ 6	1.94471- 4	1.89361+ 6	2.47842- 4
1.89729+ 6	3.07120- 4	1.90468+ 6	4.43936- 4	1.91209+ 6	6.04837- 4
1.91953+ 6	7.90141- 4	1.92700+ 6	9.99999- 4	1.96350+ 6	1.50000- 3
2.00000+ 6	2.00000- 3	2.02485+ 6	2.96880- 3	2.05000+ 6	4.00000- 3
2.10000+ 6	6.00000- 3	2.14942+ 6	7.90517- 3	2.20000+ 6	1.00000- 2
2.30000+ 6	1.40000- 2	2.40000+ 6	1.80000- 2	2.50000+ 6	2.20000- 2
2.60000+ 6	2.60000- 2	2.62000+ 6	2.70000- 2	2.66000+ 6	9.09998- 2
2.67140+ 6	1.09240- 1	2.70000+ 6	1.55000- 1	2.70086+ 6	1.56352- 1
2.70414+ 6	1.61414- 1	2.70742+ 6	1.66537- 1	2.71400+ 6	1.77000- 1
2.73194+ 6	2.04695- 1	2.75000+ 6	2.34000- 1	2.77489+ 6	2.72898- 1
2.80000+ 6	3.14001- 1	2.82489+ 6	3.23123- 1	2.85000+ 6	3.29000- 1
2.88726+ 6	3.42873- 1	2.92500+ 6	3.52001- 1	3.00000+ 6	3.74999- 1
3.10000+ 6	3.91001- 1	3.11338+ 6	3.93275- 1	3.20000+ 6	4.08000- 1
3.40248+ 6	4.41072- 1	3.42660+ 6	4.45394- 1	3.45090+ 6	4.49492- 1
3.50000+ 6	4.56999- 1	3.54896+ 6	4.63313- 1	3.59861+ 6	4.68793- 1
3.70000+ 6	4.76001- 1	3.84708+ 6	4.93651- 1	4.00000+ 6	5.05000- 1
4.05700+ 6	5.08001- 1	4.17500+ 6	5.12998- 1	4.32900+ 6	5.21000- 1
4.47100+ 6	5.27998- 1	4.50000+ 6	5.28998- 1	5.00000+ 6	5.53000- 1
5.22604+ 6	5.56615- 1	5.36127+ 6	5.58961- 1	5.50000+ 6	5.60999- 1
5.74456+ 6	5.65405- 1	6.00000+ 6	5.68998- 1	6.50000+ 6	5.70002- 1
7.00000+ 6	5.71997- 1	7.50000+ 6	5.73000- 1	7.56107+ 6	5.73121- 1
7.66849+ 6	5.73751- 1	7.77744+ 6	5.74112- 1	8.00000+ 6	5.74001- 1
8.50000+ 6	5.70002- 1	9.00000+ 6	5.66000- 1	9.50000+ 6	5.62001- 1
1.00000+ 7	5.57999- 1	1.10000+ 7	5.47000- 1	1.16000+ 7	5.40000- 1
1.20000+ 7	5.35999- 1	1.21300+ 7	5.34999- 1	1.25425+ 7	5.30258- 1
1.30000+ 7	5.25002- 1	1.31318+ 7	5.23595- 1	1.37500+ 7	5.16999- 1
1.40000+ 7	5.13998- 1	1.41000+ 7	5.13001- 1	1.42600+ 7	5.11002- 1
1.45000+ 7	5.07001- 1	1.50000+ 7	4.99999- 1	1.55000+ 7	4.92998- 1
1.60000+ 7	4.85999- 1	1.60072+ 7	4.85900- 1	1.60117+ 7	4.85839- 1
1.62900+ 7	4.82001- 1	1.66000+ 7	4.77998- 1	1.68500+ 7	4.74001- 1
1.70000+ 7	4.71999- 1	1.73000+ 7	4.67998- 1	1.80000+ 7	4.58001- 1
1.90000+ 7	4.43998- 1	2.00000+ 7	4.29999- 1		

Table 7 Multiplicities of the γ -rays emitted
from the (n,γ) reaction.

Transition	Multiplicity
cap. \rightarrow g.s.	0.646
5.96 MeV \rightarrow g.s.	0.015
cap. \rightarrow 3.37 MeV	0.113
3.37 MeV \rightarrow g.s.	0.33
6.26 MeV \rightarrow 3.37 MeV	0.0015
6.18 MeV \rightarrow 3.37 MeV	0.0013
5.96 MeV \rightarrow 3.37 MeV	0.224
cap. \rightarrow 5.96 MeV	0.264
cap. \rightarrow 6.18 MeV	0.0024
cap. \rightarrow 6.26 MeV	0.0016
6.18 MeV \rightarrow 5.96 MeV	0.0005

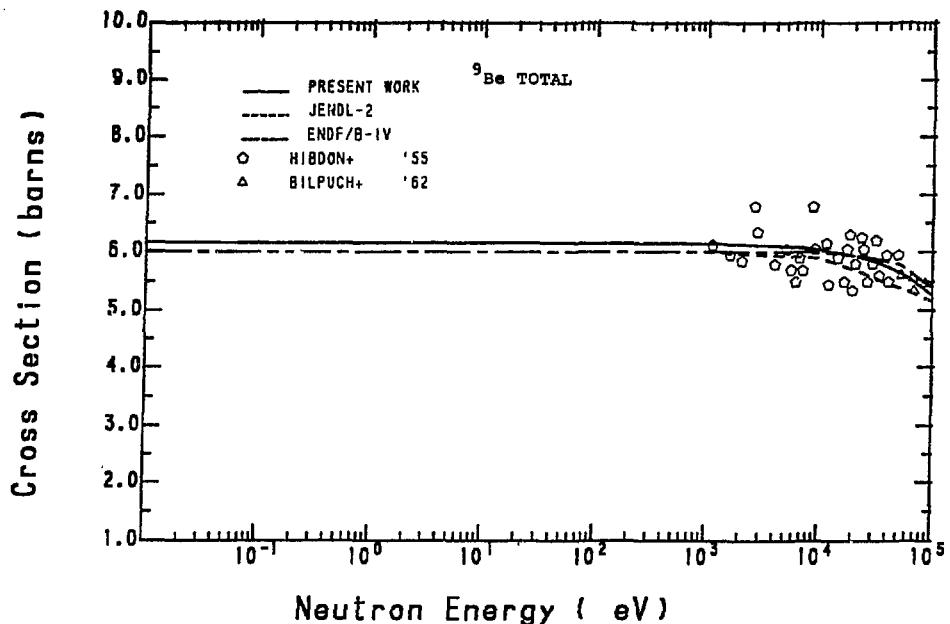


Fig. 1 Measured and evaluated total cross sections from 10^{-2} eV to 100 keV.

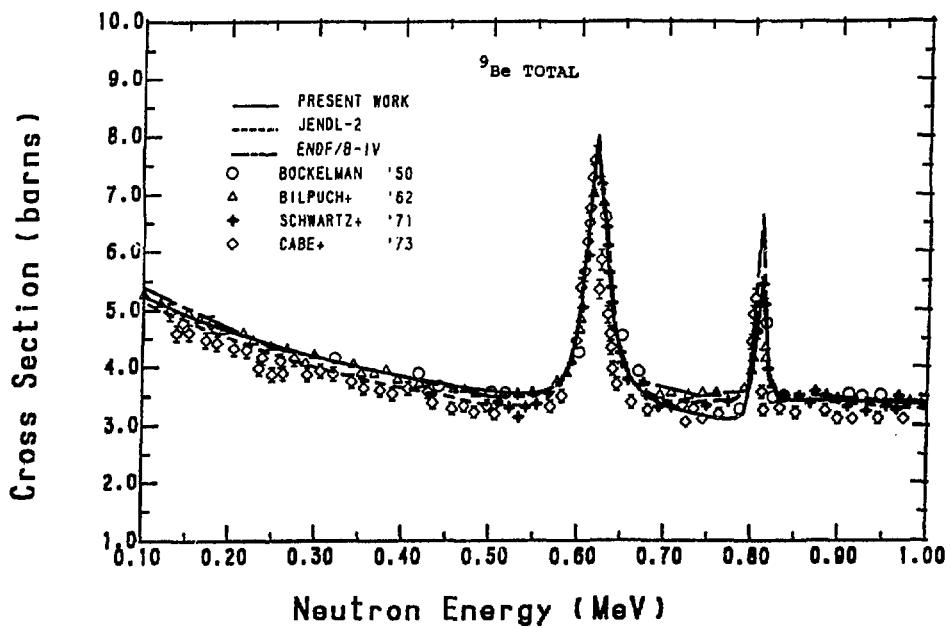


Fig. 2 Measured and evaluated total cross sections from 100 keV to 1 MeV.

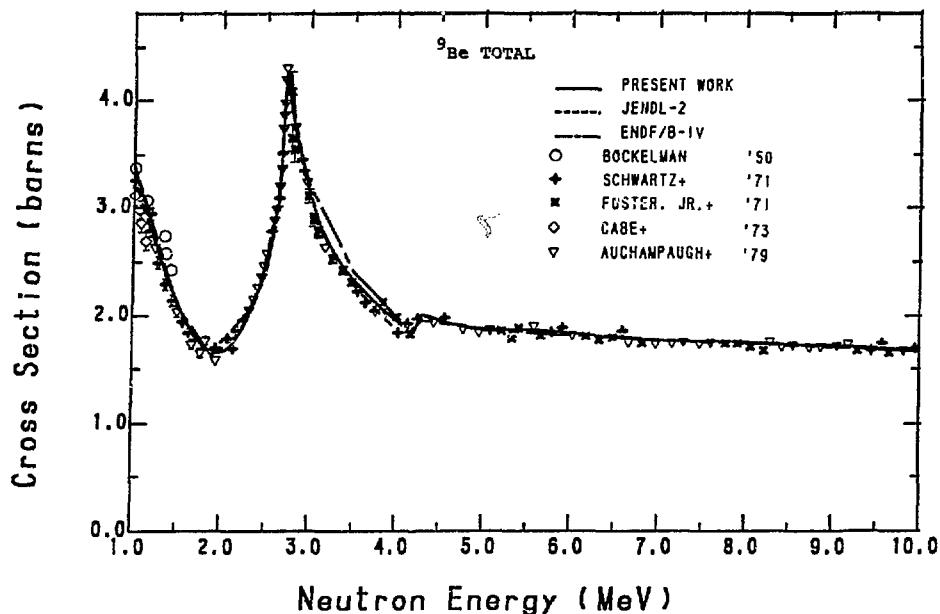


Fig. 3 Measured and evaluated total cross sections from 1 MeV to 10 MeV.

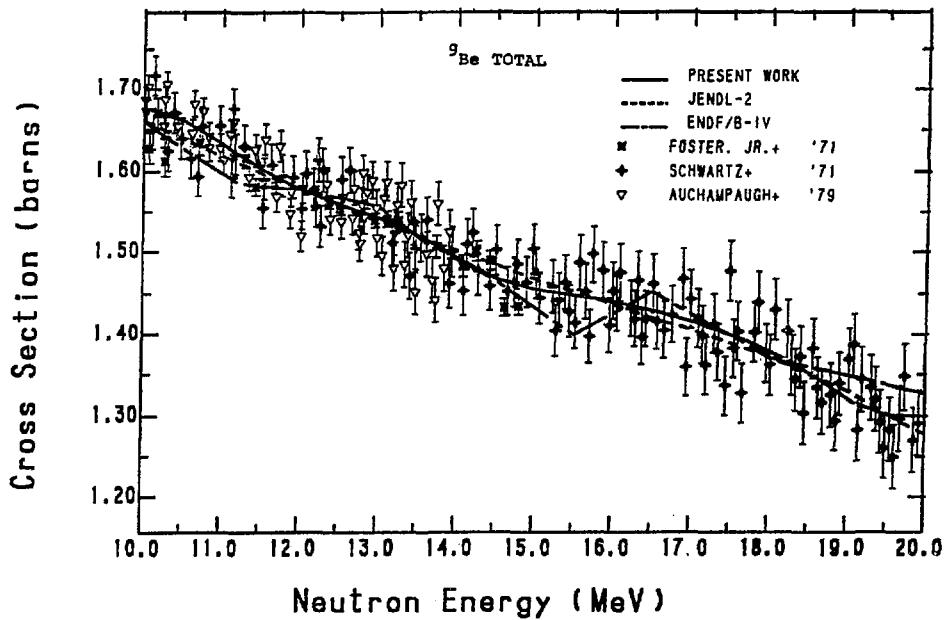


Fig. 4 Measured and evaluated total cross sections from 10 MeV to 20 MeV.

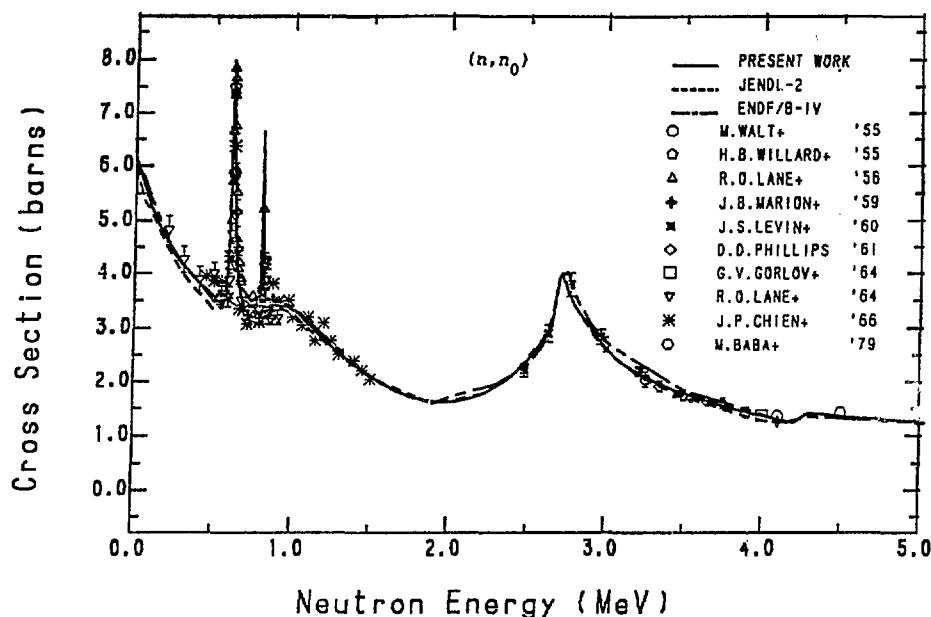


Fig. 5 Measured and evaluated elastic scattering cross sections below 5 MeV.

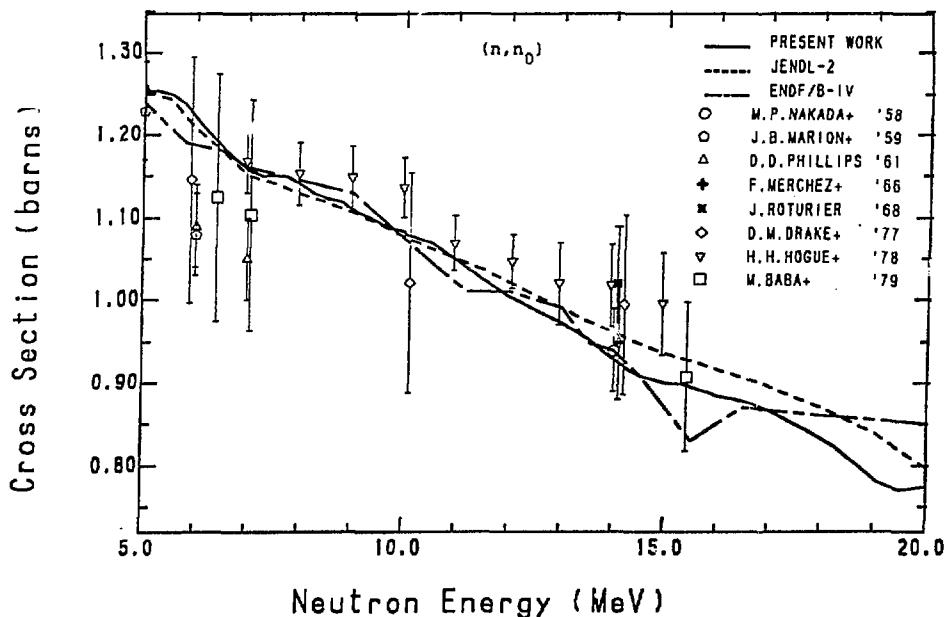
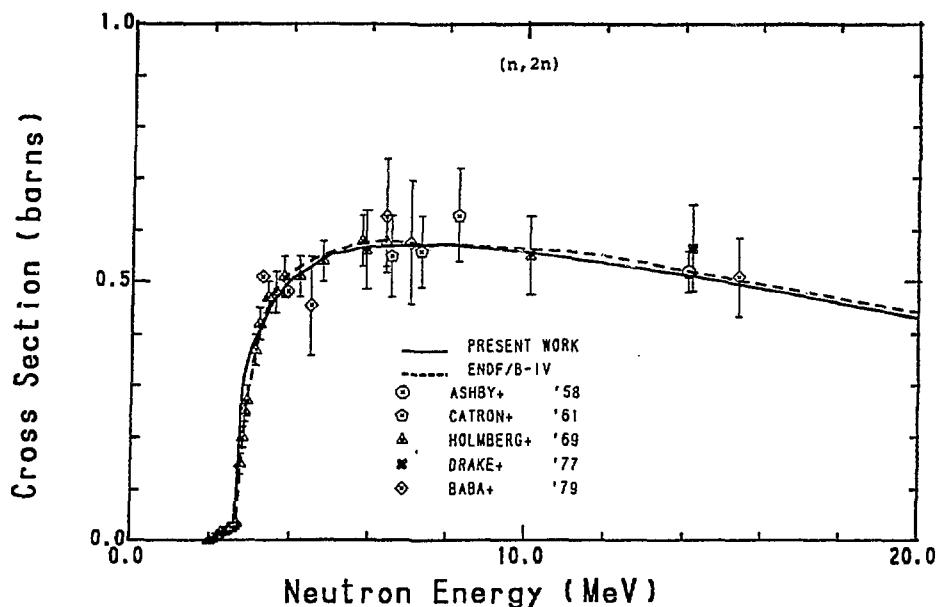
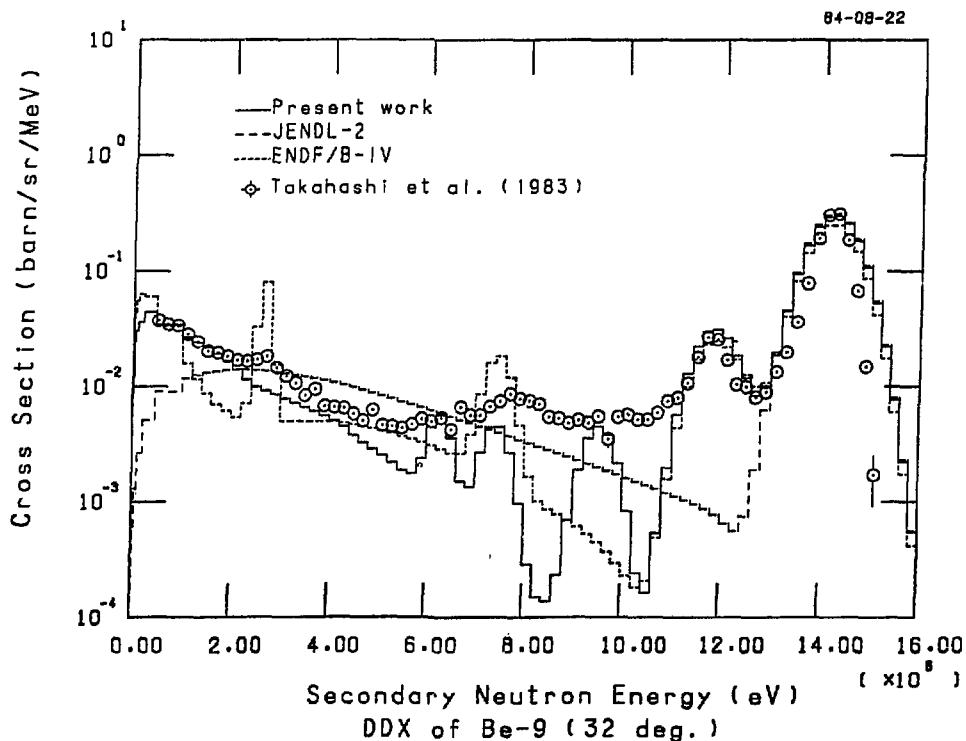


Fig. 6 Measured and evaluated elastic scattering cross sections above 5 MeV.

Fig. 7 Measured and calculated $(n, 2n)$ cross sections.Fig. 8 Calculated and measured DDX data at 14 MeV. The measurement was performed at Osaka University^{14).}

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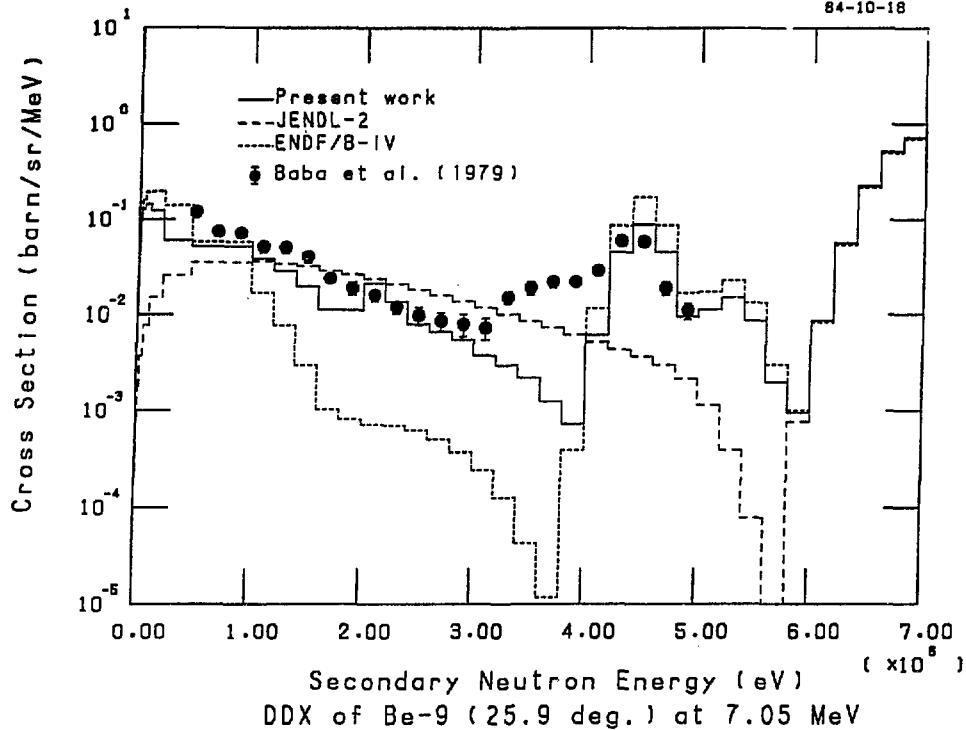


Fig. 9 Calculated and measured DDX data at 7 MeV. The measurement was performed at Tohoku University¹⁶⁾. The measured elastic scattering peak is not shown in this figure.

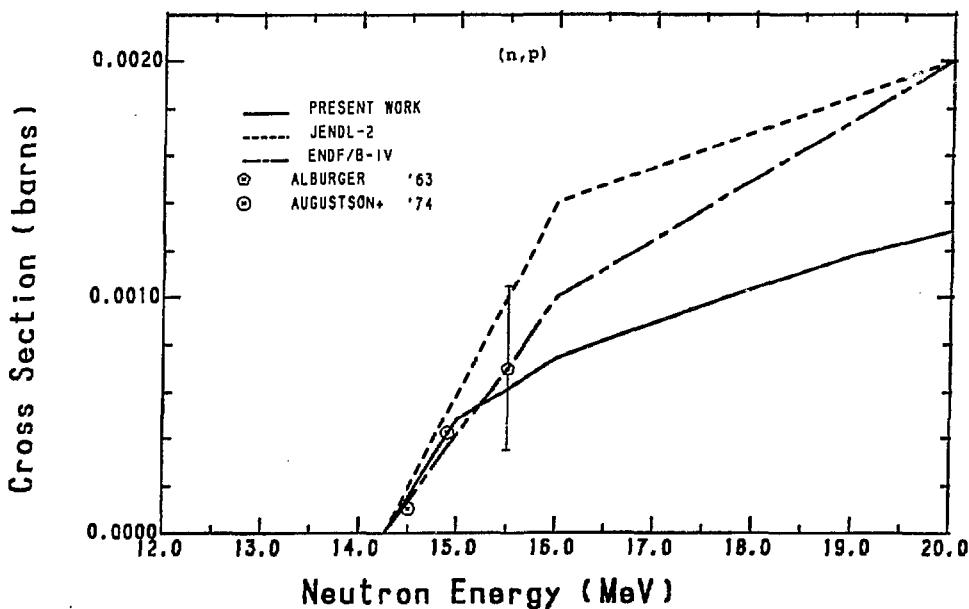


Fig. 10 Measured and evaluated (n,p) cross sections.

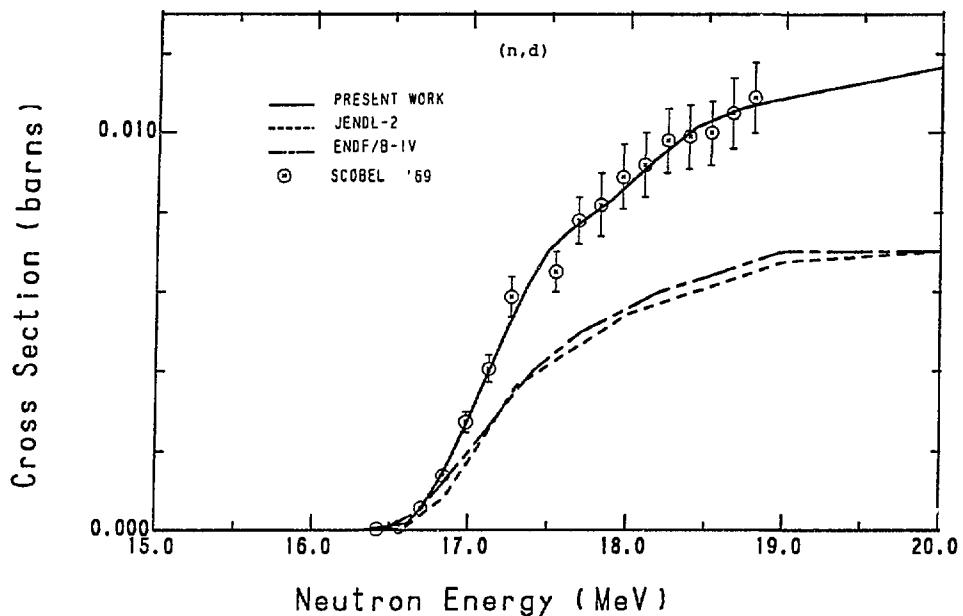


Fig. 11 Measured and evaluated (n,d) cross sections.

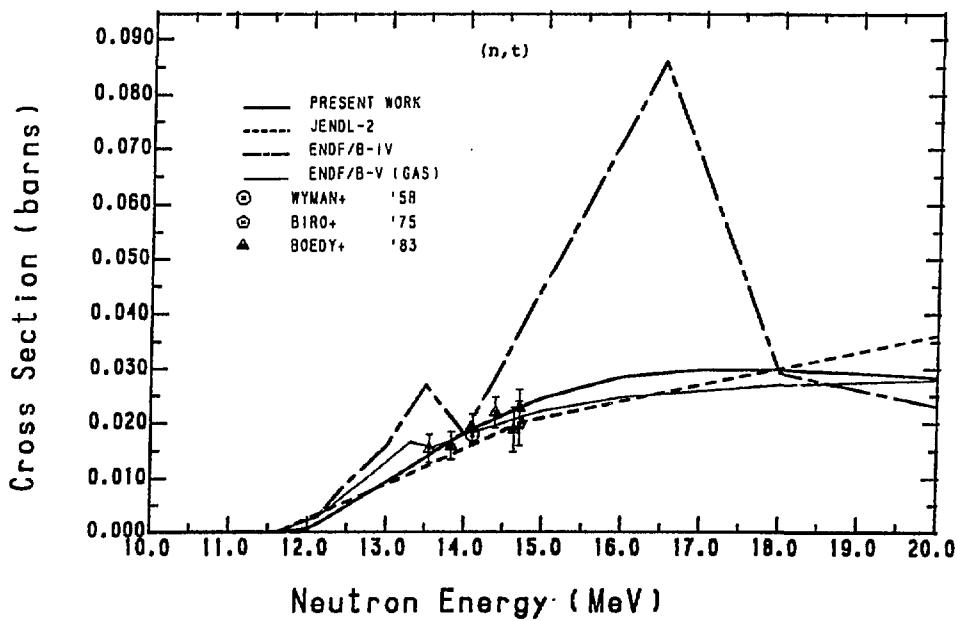
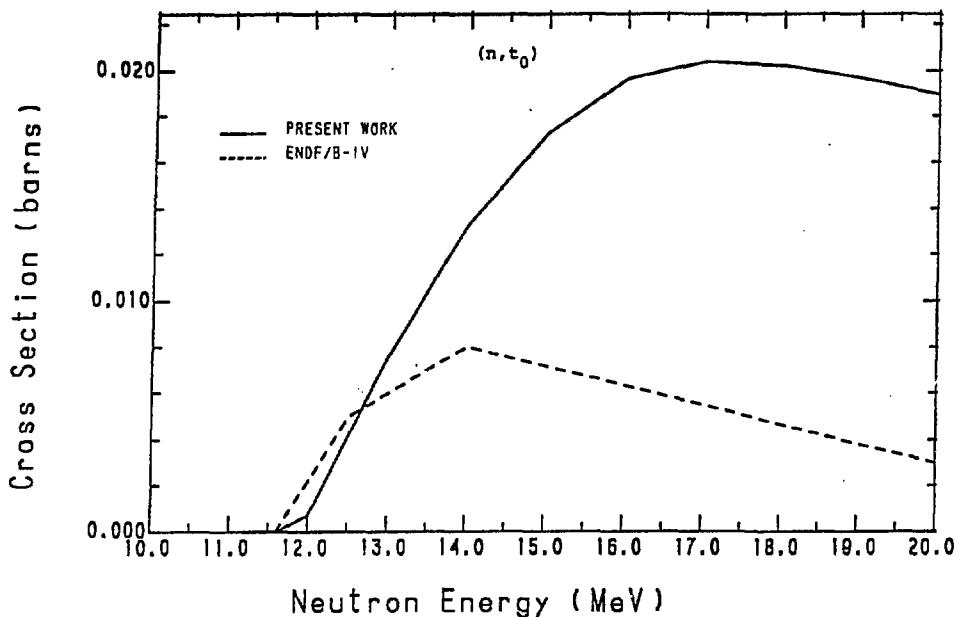
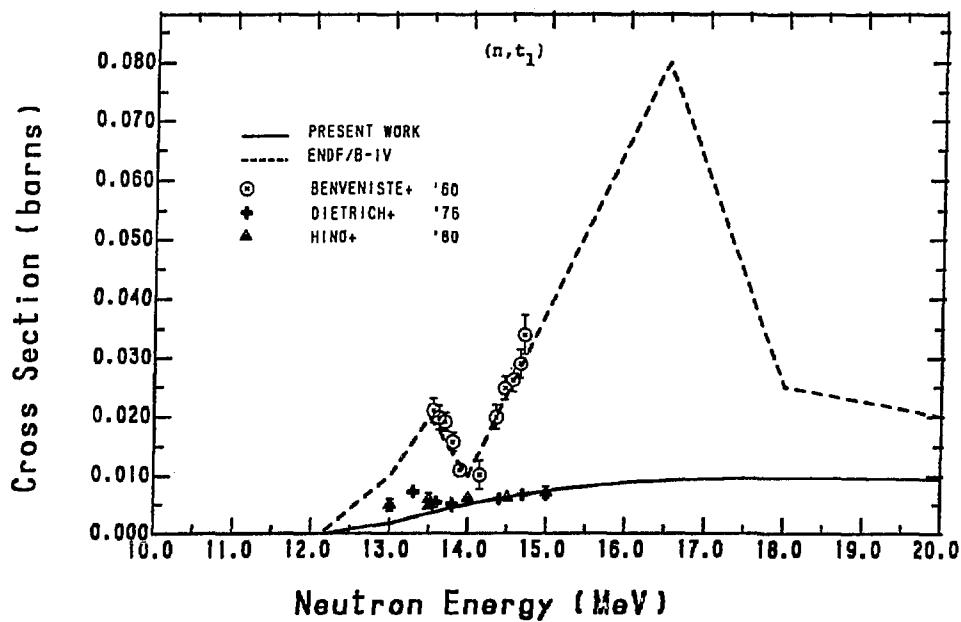
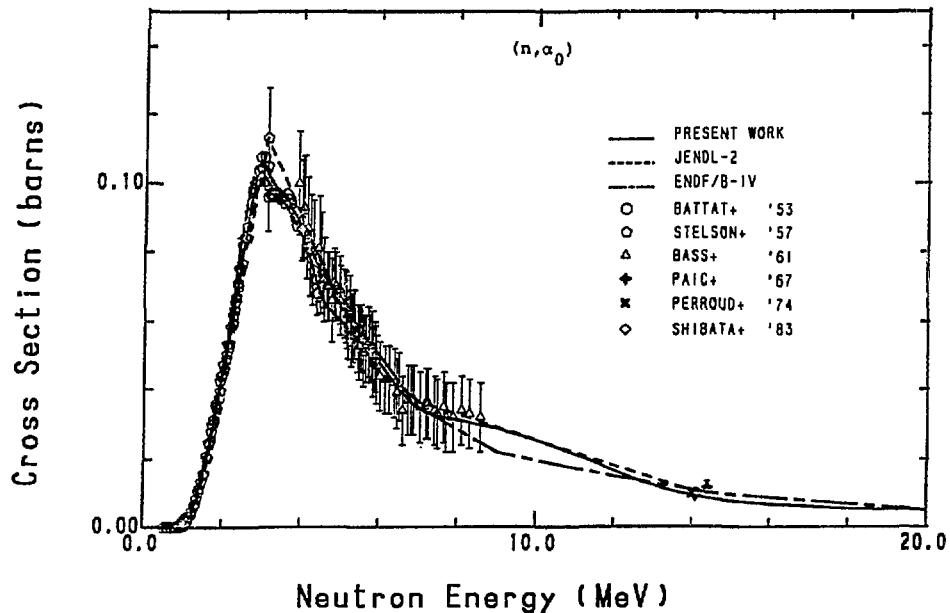
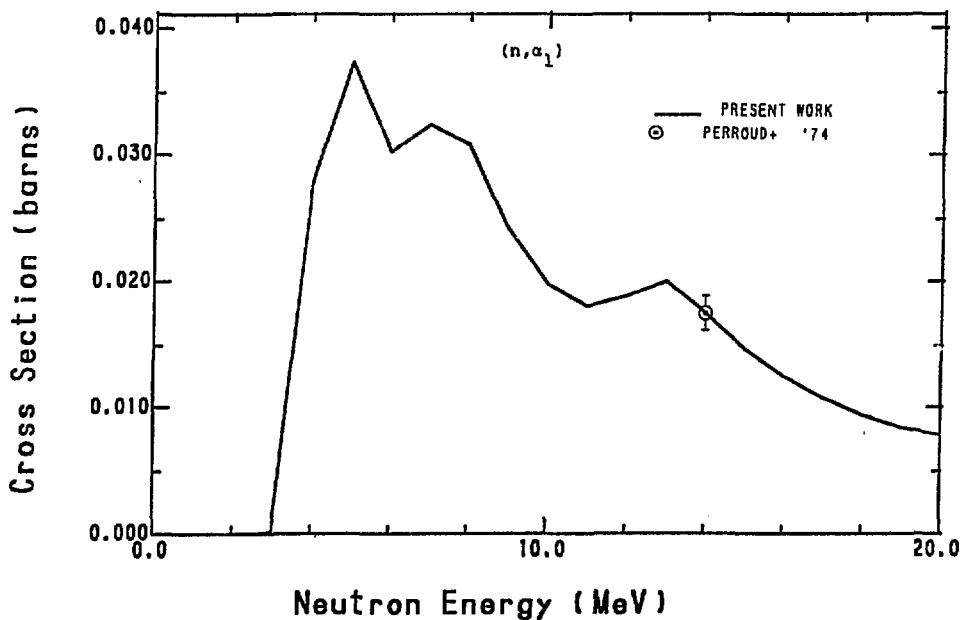


Fig. 12 Measured and evaluated total (n,t) cross sections.

Fig. 13 Evaluated (n, t_0) cross sections.Fig. 14 Measured and evaluated (n, t_1) cross sections.

Fig. 15 Measured and evaluated (n, α_0) cross sections.Fig. 16 Measured and evaluated (n, α_1) cross sections.

Appendix

List in the ENDF/B-V format

EVALUATED DATA OF BERYLLIUM-9						
4.00900	3	8.93476	0	0	0	0
0.0	+ 0	0.0	+ 0	0	0	0
0.0	+ 0	0.0	+ 0	0	0	0
4-BE-	9	JAERI	EVAL-AUG84	K.SHIBATA	188	48
			DIST-AUG84			
HISTORY						
84-08	REEVALUATED FOR JENDL-3 BY K.SHIBATA.					
MF=1	GENERAL INFORMATION					409 1451
MT=451	DESCRIPTIVE DATA					409 1451
MF=2	RESONANCE PARAMETER					409 1451
MT=151	SCATTERING RADIUS ONLY.					409 1451
MF=3	CROSS SECTIONS					409 1451
MT=1	SIG-T					409 1451
	BELOW 1 EV, SUM OF SIG-EL AND SIG-CAP. BETWEEN 1 EV AND 830 KEV, THE CROSS SECTION WAS CALCULATED ON THE BASIS OF THE R-MATRIX THEORY. THE R-MATRIX PARAMETERS WERE OBTAINED SO AS TO GIVE THE BEST FIT TO THE EXPERIMENTAL DATA /1/-/5/. ABOVE 830 KEV, BASED ON THE MEASUREMENTS /4/,/6/,/7/.					409 1451
MT=2	SIG-EL					409 1451
	BELOW 1 EV, SIG-EL = 6.151 BARNS. ABOVE 1 EV, THE CROSS SECTION WAS OBTAINED BY SUBTRACTING THE REACTION CROSS SECTION FROM THE TOTAL CROSS SECTION.					409 1451
MT=4	TOTAL INELASTIC					409 1451
	SUM OF MT=51 AND 52.					409 1451
MT=6,	7, 8, 9, 16, 51, 52					409 1451
	THE SHAPE OF THE INELASTIC SCATTERING CROSS SECTION WAS OBTAINED FROM THE STATISTICAL MODEL CALCULATION. THE ABSOLUTE VALUE WAS DETERMINED SO THAT A SUM OF THE INELASTIC SCATTERING AND (n, A_1) REACTION CROSS SECTIONS MIGHT BE EQUAL TO THE $(n, 2n)$ REACTION CROSS SECTION IN JENDL-2. OPTICAL POTENTIAL PARAMETERS OF AGEE AND ROSEN /8/ WERE USED.					409 1451
	V = 49.3 - 0.33E, WS = 5.75 , VSO = 5.5 (MEV)					409 1451
	R = 1.25 , RS = 1.25 , RSO = 1.25 (FMM)					409 1451
	A = 0.65 , B = 0.70 , ASO = 0.65 (FMM)					409 1451
LEVEL SCHEME						
NO	ENERGY(MEV)	SPIN-PARITY				409 1451
G.S.	0.0	3/2-				409 1451
1	1.68	1/2+				409 1451
2	2.429	5/2-				409 1451
3	2.800	1/2+				409 1451
4	3.06	5/2+				409 1451
5	4.7	3/2+				409 1451
6	6.8	7/2-				409 1451
7	7.9	5/2- *)				409 1451
8	11.28	9/2- *)				409 1451
9	11.81	7/2- *)				409 1451
10	13.79	5/2- *)				409 1451
11	14.396	3/2- *)				409 1451
*) SPIN-PARITY VALUE WAS TENTATIVELY ASSIGNED. ALL THE EXCITED LEVELS EXCEPT 7.9 AND 13.79 MEV ONES DECAY BY EMITTING NEUTRONS, CONTRIBUTING TO THE $(n, 2n)$ CROSS SECTION. WITHIN THE FRAMEWORK OF THE CURRENT ENDF/B FORMAT, DIFFERENT MT NUMBERS WERE ASSIGNED TO THESE LEVELS.						
MT NO.		LEVEL				409 1451
6		1ST				409 1451
						61

7	2ND+3RD+4TH	409	1451	62
8	5TH	409	1451	63
9	6TH	409	1451	64
16	8TH+9TH+11TH+CONTINUUM	409	1451	65
51	7TH	409	1451	66
52	10TH	409	1451	67

* THE (N,2N) CROSS SECTIONS IS GIVEN AS A SUM OF MT=6, 7, *				
* 8, 9, 16, AND 24.				

MT=24	(N,2N ALPHA)	409	1451	72
THIS IS THE CROSS SECTION FOR THE (N,A1) REACTION. THE				
1ST EXCITED LEVEL OF HE-6 DECAYS BY EMITTING 2 NEUTRONS.				
THE (N,A1) CROSS SECTION WAS CALCULATED WITH THE				
STATISTICAL MODEL.				
ALPHA POTENTIAL PARAMETERS ARE THE FOLLOWING /9/:				
V = 125.0 , WS = 15.0 , VSO = 0.0 (MEV)				
R = 1.56 , RS = 1.56 , RC = 1.22 (FM)				
A = 0.50 , B = 0.11 (FM)				
THE CROSS SECTION WAS NORMALIZED TO THE DATA OF				
PERROUD AND SELLEM /10/ AT 14 MEV.				
MT=46, 47, 48, 49	SIG-IN	409	1451	83
SAME AS MT=6, 7, 8, 9, RESPECTIVELY.				
MT=102	CAPTURE	409	1451	85
THERMAL CROSS SECTION OF 7.6E-3 BARNS WAS OBTAINED FROM				
THE RECOMMENDATION BY MUGHABGHAB ET AL./11/				
1/V CURVE WAS ASSUMED OVER THE WHOLE ENERGY RANGE.				
MT=103	(N,P)	409	1451	89
CALCULATED WITH THE STATISTICAL MODEL.				
PROTON POTENTIAL PARAMETERS ARE THE FOLLOWING /12/:				
V = 59.5 - 0.36E, WS = 12.0 + 0.07E, VSO = 4.9 (MEV)				
R = 1.24 , RS = 1.36 , RSO = 1.2 (FM)				
RC = 2.3 (FM)				
A = 0.63 , B = 0.35 , ASO = 0.31 (FM)				
THE CROSS SECTION WAS NORMALIZED TO THE EXPERIMENTAL DATA				
OF AUGUSTSON AND MENLOVE /13/, WHO MEASURED DELAYED				
NEUTRONS, BY TAKING ACCOUNT OF THE BRANCHING RATIO				
OF 49.5% FOR LI-9 => BE-9* => 2A + N.				
MT=104	(N,D)	409	1451	100
BASED ON THE EXPERIMENTAL DATA OF SCOBEL /14/.				
MT=105	(N,T)	409	1451	102
SUM OF MT=740 AND 741.				
MT=107	(N,A0)	409	1451	104
BASED ON THE EXPERIMENTAL DATA /9/, /10/, /15/-/18/.				
MT=251	MU-BAR	409	1451	106
CALCULATED FROM THE DATA IN FILE4.				
MT=740, 741	(N,T0), (N,T1)	409	1451	108
CALCULATED WITH THE STATISTICAL MODEL.				
TRITON POTENTIAL PARAMETERS ARE THE FOLLOWING /19/:				
V = 140.0 , WS = 7.5 , VSO = 6.0 (MEV)				
R = 1.20 , RS = 2.69 , RSO = 1.20 , RC = 1.30 (FM)				
A = 0.45 , B = 0.36 , ASO = 0.7 (FM)				
NORMALIZATION WAS TAKEN SO THAT THE TOTAL (N,T) CROSS				
SECTION MIGHT BE CONSISTENT WITH THE EXPERIMENTAL DATA				
OF BOEDY ET AL./20/				
MF=4	ANGULAR DISTRIBUTIONS	409	1451	118
MT=2		409	1451	119
1.0E-5 EV TO 50 KEV ISOTROPIC IN CM.				
50 KEV TO 14 MEV BASED ON THE EXPERIMENTAL DATA				
/21/-/26/.				
14 MEV TO 20 MEV OPTICAL-MODEL CALCULATIONS USING				

	THE POTENTIAL PARAMETERS OF AGEE AND ROSEN /8/.	409	1451	124
MT=6, 8, 9, 51, 52		409	1451	125
STATISTICAL MODEL CALCULATION		409	1451	126
MT=7	LEGENDRE COEFFICIENTS WERE DERIVED FROM THE EXPERIMENTAL DATA /26/, /27/.	409	1451	127
MT=16	ISOTROPIC IN THE LABORATORY SYSTEM.	409	1451	128
MT=24, 46, 47, 48, 49	CALCULATED BY ASSUMING THE TWO-STEP SEQUENTIAL REACTION /28/.	409	1451	129
		409	1451	130
MF=5	ENERGY DISTRIBUTION	409	1451	131
MT=16		409	1451	132
EVAPORATION SPECTRUM		409	1451	133
MT=24, 46, 47, 48, 49	CALCULATED BY ASSUMING THE TWO-STEP SEQUENTIAL REACTION /28/.	409	1451	134
		409	1451	135
		409	1451	136
MF=12	PHOTON-PRODUCTION MULTIPLICITIES	409	1451	137
MT=102		409	1451	138
BASED ON THE MEASUREMENT OF JURNEY /29/.		409	1451	139
MT=741		409	1451	140
M=1.0		409	1451	141
		409	1451	142
		409	1451	143
MF=14	PHOTON ANGULAR DISTRIBUTIONS	409	1451	144
MT=102		409	1451	145
ASSUMED TO BE ISOTROPIC.		409	1451	146
MT=741		409	1451	147
ISOTROPIC		409	1451	148
		409	1451	149
REFERENCES		409	1451	150
1) BOCKELMAN, C.K.: PHYS. REV. 80 (1950) 1011.		409	1451	151
2) HIBDON, C.T. AND LANGSDORF, JR., A.: PHYS. REV. 98 (1955) 223.	409	1451	152	
3) BILPUCH, E.G. ET AL.: TAKEN FROM EXFOR (1962).		409	1451	153
4) SCHWARTZ, R.B. ET AL.: BULL. AM. PHYS. SOC. 16 (1971) 495.	409	1451	154	
5) CABE, J AND CANCE, M.: CEA-R-4524 (1973).		409	1451	155
6) FOSTER, JR. D.G. AND GLASGOW, D.W.: PHYS. REV. C3 (1971) 576.	409	1451	156	
7) AUCHAMPAUGH, G.F. ET AL.: NUCL. SCI. ENG. 69 (1979) 30.	409	1451	157	
8) AGEE, F.P. AND ROSEN, L.: LA-3538-MS (1966).		409	1451	158
9) SHIBATA, K. AND SHIRATO, S.: J. PHYS. SOC. JPN. 52 (1983) 3748	409	1451	159	
10) PERRAUD, J.P. AND SELLEM, CH.: NUCL. PHYS. A227 (1974) 330.	409	1451	160	
11) MUGHABGHAB, S.F. ET AL.: NEUTRON CROSS SECTIONS VOL.1, ACADEMIC PRESS, 1981.		409	1451	161
12) VOTAVA, H.J. ET AL.: NUCL. PHYS. A204 (1973) 529.		409	1451	162
13) AUGUSTSON, R.H. AND MENLOVE, H.O.: NUCL. SCI. ENG. 54(1974) 190	409	1451	163	
14) SCOBEL, W.: Z. NATURFORSCH. 24A(1969) 289; IBID. 24A(1969) 1858.	409	1451	164	
15) BATTAT, M.E. AND RIBE, F.L.: NUCL. PHYS. 89 (1953) 80.		409	1451	165
16) STELSON, P.H. AND CAMPBELL, E.C.: NUCL. PHYS. 106 (1957) 1252.	409	1451	166	
17) BASS, R. ET AL.: NUCL. PHYS. 23 (1961) 122.		409	1451	167
18) PAIC, G. ET AL.: NUCL. PHYS. A96 (1967) 476.		409	1451	168
19) LUEDKE, H. ET AL.: NUCL. PHYS. A109 (1968) 676.		409	1451	169
20) BOEDY, Z.T. ET AL.: PROC. INT. CONF. NUCLEAR DATA FOR SCIENCE AND TECHNOLOGY, ANTWERP 1982, (1983), P.368.		409	1451	170
21) MARION, J.B. ET AL.: PHYS. REV. 114 (1959) 1584.		409	1451	171
22) LEVIN, J.S. AND CRANBERG, L.: TAKEN FROM EXFOR (1960).		409	1451	172
23) PHILLIPS, D.D.: TAKEN FROM EXFOR (1961).		409	1451	173
24) LANE, R.O. ET AL.: ANN. PHYS. 12 (1961) 135.		409	1451	174
25) LANE, R.O. ET AL.: PHYS. REV. 133B (1964) 409.		409	1451	175
26) HOGUE, H.H. ET AL.: NUCL. SCI. ENG. 68 (1978) 38.		409	1451	176
27) BABA, M. ET AL.: PROC. INT. CONF. NEUTRON PHYSICS AND NUCLEAR		409	1451	177
		409	1451	178
		409	1451	179
		409	1451	180
		409	1451	181
		409	1451	182
		409	1451	183
		409	1451	184
		409	1451	185

DATA FOR REACTORS AND OTHER APPLIED PURPOSES, HARWELL 1978, (1979), P.198.			409	1451	186
28) BEYNON, T.D. AND DASTLER, A.J.: ANN. NUCL. ENERGY 6(1979)537.			409	1451	187
29) JURNEY, E.T.: PROC. THIRD SYMP. NEUTRON CAPTURE GAMMA RAYS, BNL 1978, (1979), P.46.			409	1451	189
			409	1451	190
			409	1451	191
1	451	239	409	1451	192
2	151	4	409	1451	193
3	1	75	409	1451	194
3	2	159	409	1451	195
3	4	13	409	1451	196
3	6	34	409	1451	197
3	7	26	409	1451	198
3	8	16	409	1451	199
3	9	14	409	1451	200
3	16	22	409	1451	201
3	24	10	409	1451	202
3	46	34	409	1451	203
3	47	26	409	1451	204
3	48	16	409	1451	205
3	49	14	409	1451	206
3	51	13	409	1451	207
3	52	8	409	1451	208
3	102	8	409	1451	209
3	103	6	409	1451	210
3	104	10	409	1451	211
3	105	7	409	1451	212
3	107	26	409	1451	213
3	251	33	409	1451	214
3	740	7	409	1451	215
3	741	6	409	1451	216
4	2	211	409	1451	217
4	6	68	409	1451	218
4	7	32	409	1451	219
4	8	54	409	1451	220
4	9	46	409	1451	221
4	16	10	409	1451	222
4	24	169	409	1451	223
4	46	178	409	1451	224
4	47	169	409	1451	225
4	48	142	409	1451	226
4	49	124	409	1451	227
4	51	42	409	1451	228
4	52	19	409	1451	229
5	16	12	409	1451	230
5	24	171	409	1451	231
5	46	180	409	1451	232
5	47	171	409	1451	233
5	48	144	409	1451	234
5	49	126	409	1451	235
12	102	37	409	1451	236
12	741	4	409	1451	237
14	102	1	409	1451	238
14	741	1	409	1451	239
			409	1	240
			409	0	241
4.00900+ 3	8.93476+ 0	0	0	409	2151
4.00900+ 3	1.00000+ 0	0	0	409	2151
1.00000- 5	2.00000+ 7	0	0	409	2151
1.50000+ 0	6.90000- 1	0	0	409	2151
			409	2	246
			409	0	247

4.00900+	3	8.93476+	0		0	99	0	0	409	3	1	248			
0.0	+	0	0.0	+	0	0	0	1	215	409	3	1	249		
215		2			0	0	0	0	0	409	3	1	250		
1.00000-	5	6.53327+	0	1.00000-	4	6.27188+	0	1.00000-	3	6.18923+	0	409	3	1	251
1.00000-	2	6.16309+	0	2.53000-	2	6.15860+	0	1.00000-	1	6.15482+	0	409	3	1	252
1.00000+	0	6.15221+	0	1.00000+	1	6.15110+	0	1.00000+	2	6.15020+	0	409	3	1	253
1.00000+	3	6.14030+	0	2.00000+	3	6.12940+	0	3.00000+	3	6.11860+	0	409	3	1	254
4.00000+	3	6.10780+	0	5.00000+	3	6.09700+	0	6.00000+	3	6.08640+	0	409	3	1	255
7.00000+	3	6.07570+	0	8.00000+	3	6.06510+	0	9.00000+	3	6.05460+	0	409	3	1	256
1.00000+	4	6.04410+	0	2.00000+	4	5.94150+	0	3.00000+	4	5.84340+	0	409	3	1	257
4.00000+	4	5.74940+	0	5.00000+	4	5.65920+	0	6.00000+	4	5.57250+	0	409	3	1	258
7.00000+	4	5.48930+	0	8.00000+	4	5.40920+	0	9.00000+	4	5.33220+	0	409	3	1	259
1.00000+	5	5.25800+	0	1.10000+	5	5.18640+	0	1.20000+	5	5.11730+	0	409	3	1	260
1.30000+	5	5.05070+	0	1.40000+	5	4.98630+	0	1.50000+	5	4.92410+	0	409	3	1	261
1.60000+	5	4.86390+	0	1.70000+	5	4.80560+	0	1.80000+	5	4.74920+	0	409	3	1	262
1.90000+	5	4.69450+	0	2.00000+	5	4.64160+	0	2.10000+	5	4.59020+	0	409	3	1	263
2.20000+	5	4.54030+	0	2.30000+	5	4.49200+	0	2.40000+	5	4.44500+	0	409	3	1	264
2.50000+	5	4.39930+	0	2.60000+	5	4.35490+	0	2.70000+	5	4.31180+	0	409	3	1	265
2.80000+	5	4.26980+	0	2.90000+	5	4.22900+	0	3.00000+	5	4.18920+	0	409	3	1	266
3.10000+	5	4.15050+	0	3.20000+	5	4.11290+	0	3.30000+	5	4.07620+	0	409	3	1	267
3.40000+	5	4.04040+	0	3.50000+	5	4.00560+	0	3.60000+	5	3.97170+	0	409	3	1	268
3.70000+	5	3.93860+	0	3.80000+	5	3.90640+	0	3.90000+	5	3.87500+	0	409	3	1	269
4.00000+	5	3.84450+	0	4.10000+	5	3.81470+	0	4.20000+	5	3.78590+	0	409	3	1	270
4.30000+	5	3.75780+	0	4.40000+	5	3.73070+	0	4.50000+	5	3.70450+	0	409	3	1	271
4.60000+	5	3.67920+	0	4.70000+	5	3.65510+	0	4.80000+	5	3.63230+	0	409	3	1	272
4.90000+	5	3.61090+	0	5.00000+	5	3.59140+	0	5.10000+	5	3.57440+	0	409	3	1	273
5.20000+	5	3.56050+	0	5.30000+	5	3.55120+	0	5.40000+	5	3.54860+	0	409	3	1	274
5.50000+	5	3.55750+	0	5.60000+	5	3.58540+	0	5.70000+	5	3.64850+	0	409	3	1	275
5.80000+	5	3.78340+	0	5.90000+	5	4.08300+	0	6.00000+	5	4.80870+	0	409	3	1	276
6.10000+	5	6.52140+	0	6.20000+	5	5.80760+	0	6.30000+	5	6.04950+	0	409	3	1	277
6.40000+	5	4.71110+	0	6.50000+	5	4.09400+	0	6.60000+	5	3.78330+	0	409	3	1	278
6.70000+	5	3.60430+	0	6.80000+	5	3.48870+	0	6.90000+	5	3.40710+	0	409	3	1	279
7.00000+	5	3.34530+	0	7.10000+	5	3.29570+	0	7.20000+	5	3.25420+	0	409	3	1	280
7.30000+	5	3.21820+	0	7.40000+	5	3.18640+	0	7.50000+	5	3.15780+	0	409	3	1	281
7.60000+	5	3.13350+	0	7.70000+	5	3.11690+	0	7.80000+	5	3.12150+	0	409	3	1	282
7.90000+	5	3.21180+	0	8.00000+	5	3.84850+	0	8.10000+	5	5.42080+	0	409	3	1	283
8.20000+	5	3.89750+	0	8.30000+	5	3.47847+	0	8.35624+	5	3.45070+	0	409	3	1	284
8.42380+	5	3.43745+	0	8.49136+	5	3.43535+	0	8.55892+	5	3.43545+	0	409	3	1	285
8.71938+	5	3.43110+	0	8.87983+	5	3.42621+	0	9.04029+	5	3.42032+	0	409	3	1	286
9.20075+	5	3.41295+	0	9.39709+	5	3.40451+	0	9.59344+	5	3.39428+	0	409	3	1	287
9.78979+	5	3.37450+	0	9.98614+	5	3.33742+	0	1.01635+	6	3.32247+	0	409	3	1	288
1.11769+	6	3.04553+	0	1.21903+	6	2.76887+	0	1.32037+	6	2.50754+	0	409	3	1	289
1.42171+	6	2.27662+	0	1.55683+	6	2.01884+	0	1.69195+	6	1.81777+	0	409	3	1	290
1.82707+	6	1.68898+	0	1.96220+	6	1.64808+	0	2.05678+	6	1.67793+	0	409	3	1	291
2.15137+	6	1.75643+	0	2.24595+	6	1.88432+	0	2.34054+	6	2.06229+	0	409	3	1	292
2.41485+	6	2.24233+	0	2.48917+	6	2.46684+	0	2.56349+	6	2.74148+	0	409	3	1	293
2.63780+	6	3.07190+	0	2.64794+	6	3.16613+	0	2.65807+	6	3.33161+	0	409	3	1	294
2.67834+	6	3.76224+	0	2.69861+	6	4.13560+	0	2.70874+	6	4.22951+	0	409	3	1	295
2.71887+	6	4.22354+	0	2.77292+	6	3.92687+	0	2.82697+	6	3.70774+	0	409	3	1	296
2.88102+	6	3.52584+	0	2.93507+	6	3.34086+	0	2.98912+	6	3.15600+	0	409	3	1	297
3.04317+	6	3.00007+	0	3.09721+	6	2.87119+	0	3.15126+	6	2.76746+	0	409	3	1	298
3.23233+	6	2.63904+	0	3.31341+	6	2.52863+	0	3.39448+	6	2.43558+	0	409	3	1	299
3.47555+	6	2.35925+	0	3.55662+	6	2.28880+	0	3.63770+	6	2.21697+	0	409	3	1	300
3.71877+	6	2.14841+	0	3.79984+	6	2.08778+	0	3.89612+	6	2.02270+	0	409	3	1	301
3.99239+	6	1.95896+	0	4.08866+	6	1.89742+	0	4.18494+	6	1.83895+	0	409	3	1	302
4.19845+	6	1.84039+	0	4.21196+	6	1.85598+	0	4.22547+	6	1.87882+	0	409	3	1	303
4.23899+	6	1.90199+	0	4.25419+	6	1.93151+	0	4.26939+	6	1.96567+	0	409	3	1	304
4.28459+	6	1.99389+	0	4.29979+	6	2.00554+	0	4.38086+	6	1.99273+	0	409	3	1	305
4.46194+	6	1.96522+	0	4.54301+	6	1.93687+	0	4.62408+	6	1.92156+	0	409	3	1	306
4.71529+	6	1.91060+	0	4.80650+	6	1.89349+	0	4.89770+	6	1.87979+	0	409	3	1	307
4.98891+	6	1.87908+	0	5.00000+	6	1.87700+	0	5.05422+	6	1.86894+	0	409	3	1	308
5.29068+	6	1.86874+	0	5.52714+	6	1.86511+	0	5.76360+	6	1.85555+	0	409	3	1	309

6.00006+	6	1.83756+	0	6.25342+	6	1.81459+	0	6.50677+	6	1.79476+	0	409	3	1	310
6.76012+	6	1.77773+	0	7.01347+	6	1.76311+	0	7.25838+	6	1.75603+	0	409	3	1	311
7.50329+	6	1.75585+	0	7.74819+	6	1.75495+	0	7.99310+	6	1.74574+	0	409	3	1	312
8.24645+	6	1.73234+	0	8.49980+	6	1.72361+	0	8.75316+	6	1.71743+	0	409	3	1	313
9.00651+	6	1.71165+	0	9.25142+	6	1.70381+	0	9.49632+	6	1.69423+	0	409	3	1	314
9.74123+	6	1.68552+	0	9.98614+	6	1.68032+	0	1.00240+	7	1.67616+	0	409	3	1	315
1.05138+	7	1.66064+	0	1.10036+	7	1.63371+	0	1.14934+	7	1.60368+	0	409	3	1	316
1.19832+	7	1.57885+	0	1.24899+	7	1.56031+	0	1.29966+	7	1.54239+	0	409	3	1	317
1.35034+	7	1.52131+	0	1.40100+	7	1.49324+	0	1.44999+	7	1.46890+	0	409	3	1	318
1.49897+	7	1.45573+	0	1.54795+	7	1.44833+	0	1.59693+	7	1.44129+	0	409	3	1	319
1.65436+	7	1.42921+	0	1.71178+	7	1.41305+	0	1.76921+	7	1.39244+	0	409	3	1	320
1.82664+	7	1.36702+	0	1.86717+	7	1.34259+	0	1.90771+	7	1.31684+	0	409	3	1	321
1.94824+	7	1.30185+	0	2.00000+	7	1.30000+	0				409	3	1	322	
											409	3	0	323	
4.00900+	3	8.93476+	0		0		0		0		0	409	3	2	324
0.0	+ 0	0.0	+ 0		0		0		1		467	409	3	2	325
467				2	0		0		0		0	409	3	2	326
1.00000-	5	6.15100+	0	5.50000-	5	6.15100+	0	1.00000-	4	6.15100+	0	409	3	2	327
1.00000-	3	6.15100+	0	1.00000-	2	6.15100+	0	2.53000-	2	6.15100+	0	409	3	2	328
1.00000-	1	6.15100+	0	1.00000+	0	6.15100+	0	1.00000+	1	6.15072+	0	409	3	2	329
1.00000+	2	6.15008+	0	1.00000+	3	6.14026+	0	2.00000+	3	6.12937+	0	409	3	2	330
3.00000+	3	6.11858+	0	4.00000+	3	6.10778+	0	5.00000+	3	6.09698+	0	409	3	2	331
6.00000+	3	6.08438+	0	7.00000+	3	6.07569+	0	8.00000+	3	6.06509+	0	409	3	2	332
9.00000+	3	6.05459+	0	1.00000+	4	6.04409+	0	2.00000+	4	5.94149+	0	409	3	2	333
3.00000+	4	5.84339+	0	4.00000+	4	5.74939+	0	5.00000+	4	5.65919+	0	409	3	2	334
6.00000+	4	5.57250+	0	7.00000+	4	5.48930+	0	8.00000+	4	5.40920+	0	409	3	2	335
9.00000+	4	5.33220+	0	1.00000+	5	5.25800+	0	1.10000+	5	5.18640+	0	409	3	2	336
1.20000+	5	5.11730+	0	1.30000+	5	5.05070+	0	1.40000+	5	4.98630+	0	409	3	2	337
1.50000+	5	5.492410+	0	1.60000+	5	5.486390+	0	1.70000+	5	5.480560+	0	409	3	2	338
1.80000+	5	5.474920+	0	1.90000+	5	5.469450+	0	2.00000+	5	5.464160+	0	409	3	2	339
2.10000+	5	4.59020+	0	2.20000+	5	4.54030+	0	2.30000+	5	4.49200+	0	409	3	2	340
2.40000+	5	4.44500+	0	2.50000+	5	4.39930+	0	2.60000+	5	4.35490+	0	409	3	2	341
2.70000+	5	4.31180+	0	2.80000+	5	4.26980+	0	2.90000+	5	4.22900+	0	409	3	2	342
3.00000+	5	4.18920+	0	3.10000+	5	4.15050+	0	3.20000+	5	4.11290+	0	409	3	2	343
3.30000+	5	4.07620+	0	3.40000+	5	4.04040+	0	3.50000+	5	4.00560+	0	409	3	2	344
3.60000+	5	3.97170+	0	3.70000+	5	3.93860+	0	3.80000+	5	3.90640+	0	409	3	2	345
3.90000+	5	3.87500+	0	4.00000+	5	3.84450+	0	4.10000+	5	3.81470+	0	409	3	2	346
4.20000+	5	3.78590+	0	4.30000+	5	3.75780+	0	4.40000+	5	3.73070+	0	409	3	2	347
4.50000+	5	3.70450+	0	4.60000+	5	3.67920+	0	4.70000+	5	3.65510+	0	409	3	2	348
4.80000+	5	3.63230+	0	4.90000+	5	3.61090+	0	5.00000+	5	3.59140+	0	409	3	2	349
5.10000+	5	3.57440+	0	5.20000+	5	3.56050+	0	5.30000+	5	3.55120+	0	409	3	2	350
5.40000+	5	3.54860+	0	5.50000+	5	3.55750+	0	5.60000+	5	3.58540+	0	409	3	2	351
5.70000+	5	3.64850+	0	5.80000+	5	3.78340+	0	5.90000+	5	4.08300+	0	409	3	2	352
6.00000+	5	5.480870+	0	6.10000+	5	6.52140+	0	6.20000+	5	7.80760+	0	409	3	2	353
6.30000+	5	6.04950+	0	6.40000+	5	4.71110+	0	6.50000+	5	4.09400+	0	409	3	2	354
6.60000+	5	3.78330+	0	6.69700+	5	3.60967+	0	6.70000+	5	3.60430+	0	409	3	2	355
6.70898+	5	3.55932+	0	6.72098+	5	3.58004+	0	6.73300+	5	3.56615+	0	409	3	2	356
6.74504+	5	3.55223+	0	6.76919+	5	3.52431+	0	6.79342+	5	3.49630+	0	409	3	2	357
6.80000+	5	3.48869+	0	6.81774+	5	3.47422+	0	6.84215+	5	3.45430+	0	409	3	2	358
6.89123+	5	3.41425+	0	6.90000+	5	3.40709+	0	6.94066+	5	3.38196+	0	409	3	2	359
6.99045+	5	3.35119+	0	7.00000+	5	3.34529+	0	7.09109+	5	3.30010+	0	409	3	2	360
7.10000+	5	3.29568+	0	7.19319+	5	3.25701+	0	7.20000+	5	3.25418+	0	409	3	2	361
7.29675+	5	3.21935+	0	7.30000+	5	3.21818+	0	7.40000+	5	3.18637+	0	409	3	2	362
7.50000+	5	3.15777+	0	7.50837+	5	3.15574+	0	7.60000+	5	3.13347+	0	409	3	2	363
7.70000+	5	3.11686+	0	7.72613+	5	3.11806+	0	7.80000+	5	3.12146+	0	409	3	2	364
7.90000+	5	3.21175+	0	7.95020+	5	3.53138+	0	8.00000+	5	3.84845+	0	409	3	2	365
8.10000+	5	5.42075+	0	8.20000+	5	3.89744+	0	8.30000+	5	3.47841+	0	409	3	2	366
8.35624+	5	3.45064+	0	8.41804+	5	3.43852+	0	8.42380+	5	3.43739+	0	409	3	2	367
8.49136+	5	3.43528+	0	8.50249+	5	3.43530+	0	8.55892+	5	3.43538+	0	409	3	2	368
8.58695+	5	3.43462+	0	8.67140+	5	3.43233+	0	8.71938+	5	3.43103+	0	409	3	2	369
8.75585+	5	3.42991+	0	8.84030+	5	3.42733+	0	8.87983+	5	3.42612+	0	409	3	2	370
8.92475+	5	3.42447+	0	9.00920+	5	3.42136+	0	9.04299+	5	3.42021+	0	409	3	2	371

9.09365+	5	3.41775+	0	9.20075+	5	3.41281+	0	9.26256+	5	3.41014+	0	409	3	2	372
9.39709+	5	3.40432+	0	9.43145+	5	3.40252+	0	9.59344+	5	3.39403+	0	409	3	2	373
9.60035+	5	3.39333+	0	9.76925+	5	3.37624+	0	9.78979+	5	3.37416+	0	409	3	2	374
9.93815+	5	3.34607+	0	9.98614+	5	3.33698+	0	1.00000+	6	3.33581+	0	409	3	2	375
1.01070+	6	3.32673+	0	1.01635+	6	3.32193+	0	1.02759+	6	3.29113+	0	409	3	2	376
1.04449+	6	3.24482+	0	1.06138+	6	3.19851+	0	1.08249+	6	3.14060+	0	409	3	2	377
1.10360+	6	3.08264+	0	1.11769+	6	3.04392+	0	1.12471+	6	3.02464+	0	409	3	2	378
1.14583+	6	2.96661+	0	1.16675+	6	2.90905+	0	1.18805+	6	2.85045+	0	409	3	2	379
1.20898+	6	2.79277+	0	1.21903+	6	2.76509+	0	1.23028+	6	2.73578+	0	409	3	2	380
1.27250+	6	2.62564+	0	1.31473+	6	2.51531+	0	1.32037+	6	2.50056+	0	409	3	2	381
1.35630+	6	2.41725+	0	1.39918+	6	2.31785+	0	1.42171+	6	2.2655+	0	409	3	2	382
1.44079+	6	2.22819+	0	1.48363+	6	2.14448+	0	1.55683+	6	2.00106+	0	409	3	2	383
1.56808+	6	1.98367+	0	1.65037+	6	1.85632+	0	1.39195+	6	1.79206+	0	409	3	2	384
1.73698+	6	1.74636+	0	1.82707+	6	1.65508+	0	1.86803+	6	1.63999+	0	409	3	2	385
1.86808+	6	1.63998+	0	1.86814+	6	1.63995+	0	1.86819+	6	1.63994+	0	409	3	2	386
1.86825+	6	1.63991+	0	1.86836+	6	1.63987+	0	1.86848+	6	1.63983+	0	409	3	2	387
1.86859+	6	1.63979+	0	1.86870+	6	1.63975+	0	1.86893+	6	1.63966+	0	409	3	2	388
1.86915+	6	1.63958+	0	1.86938+	6	1.63950+	0	1.86984+	6	1.63933+	0	409	3	2	389
1.87029+	6	1.63916+	0	1.87075+	6	1.63899+	0	1.87120+	6	1.63882+	0	409	3	2	390
1.87166+	6	1.63865+	0	1.87257+	6	1.63832+	0	1.87348+	6	1.63798+	0	409	3	2	391
1.87439+	6	1.63764+	0	1.87530+	6	1.63730+	0	1.87621+	6	1.63697+	0	409	3	2	392
1.87712+	6	1.63663+	0	1.87895+	6	1.63594+	0	1.88077+	6	1.63526+	0	409	3	2	393
1.88260+	6	1.63458+	0	1.88443+	6	1.63389+	0	1.88626+	6	1.63320+	0	409	3	2	394
1.88993+	6	1.63182+	0	1.89361+	6	1.63042+	0	1.89729+	6	1.62902+	0	409	3	2	395
1.90098+	6	1.62761+	0	1.90468+	6	1.62619+	0	1.90588+	6	1.62573+	0	409	3	2	396
1.90838+	6	1.62477+	0	1.91209+	6	1.62334+	0	1.91953+	6	1.62045+	0	409	3	2	397
1.92700+	6	1.61752+	0	1.92700+	6	1.61752+	0	1.94516+	6	1.61067+	0	409	3	2	398
1.96220+	6	1.60424+	0	1.96350+	6	1.60455+	0	1.98167+	6	1.60893+	0	409	3	2	399
2.00000+	6	1.61335+	0	2.01239+	6	1.61602+	0	2.02485+	6	1.61871+	0	409	3	2	400
2.03739+	6	1.62139+	0	2.05000+	6	1.62409+	0	2.05678+	6	1.62555+	0	409	3	2	401
2.07478+	6	1.63866+	0	2.07485+	6	1.63873+	0	2.10000+	6	1.65697+	0	409	3	2	402
2.14942+	6	1.69291+	0	2.15137+	6	1.69432+	0	2.20000+	6	1.75494+	0	409	3	2	403
2.24369+	6	1.80946+	0	2.24595+	6	1.81226+	0	2.24944+	6	1.81842+	0	409	3	2	404
2.30000+	6	1.90793+	0	2.34054+	6	1.97980+	0	2.40000+	6	2.11709+	0	409	3	2	405
2.41259+	6	2.14622+	0	2.41485+	6	2.15143+	0	2.48917+	6	2.36682+	0	409	3	2	406
2.50000+	6	2.40566+	0	2.54771+	6	2.57596+	0	2.56349+	6	2.63238+	0	409	3	2	407
2.60000+	6	2.79026+	0	2.62000+	6	2.87658+	0	2.62497+	6	2.89028+	0	409	3	2	408
2.62994+	6	2.90399+	0	2.63493+	6	2.91777+	0	2.63780+	6	2.92576+	0	409	3	2	409
2.63992+	6	2.94184+	0	2.64794+	6	3.00305+	0	2.64994+	6	3.03223+	0	409	3	2	410
2.65807+	6	3.15157+	0	2.66600+	6	3.18923+	0	2.67140+	6	3.41226+	0	409	3	2	411
2.67834+	6	3.54840+	0	2.68283+	6	3.62348+	0	2.68566+	6	3.67057+	0	409	3	2	412
2.69861+	6	3.88781+	0	2.70000+	6	3.89830+	0	2.70086+	6	3.90487+	0	409	3	2	413
2.70414+	6	3.93003+	0	2.70742+	6	3.95513+	0	2.70874+	6	3.96523+	0	409	3	2	414
2.71400+	6	3.95343+	0	2.71887+	6	3.94304+	0	2.73194+	6	3.85012+	0	409	3	2	415
2.75000+	6	3.72067+	0	2.77292+	6	3.55792+	0	2.77489+	6	3.54658+	0	409	3	2	416
2.80000+	6	3.40227+	0	2.81795+	6	3.32192+	0	2.82489+	6	3.29115+	0	409	3	2	417
2.82697+	6	3.28221+	0	2.85000+	6	3.19908+	0	2.88102+	6	3.08283+	0	409	3	2	418
2.88726+	6	3.05906+	0	2.92500+	6	2.92038+	0	2.93507+	6	2.88277+	0	409	3	2	419
2.95307+	6	2.81556+	0	2.98912+	6	2.68182+	0	3.00000+	6	2.64727+	0	409	3	2	420
3.04317+	6	2.51663+	0	3.09721+	6	2.38013+	0	3.10000+	6	2.37438+	0	409	3	2	421
3.11338+	6	2.34668+	0	3.12197+	6	2.32890+	0	3.15126+	6	2.26818+	0	409	3	2	422
3.20000+	6	2.18348+	0	3.23233+	6	2.12751+	0	3.29087+	6	2.03920+	0	409	3	2	423
3.31341+	6	2.00509+	0	3.39448+	6	1.89975+	0	3.40248+	6	1.89100+	0	409	3	2	424
3.42660+	6	1.86426+	0	3.45090+	6	1.83757+	0	3.45978+	6	1.82796+	0	409	3	2	425
3.47555+	6	1.81079+	0	3.50000+	6	1.78595+	0	3.54896+	6	1.73738+	0	409	3	2	426
3.55662+	6	1.72992+	0	3.59861+	6	1.68834+	0	3.62868+	6	1.65973+	0	409	3	2	427
3.63770+	6	1.65125+	0	3.70000+	6	1.59520+	0	3.71877+	6	1.57738+	0	409	3	2	428
3.79984+	6	1.50839+	0	3.84708+	6	1.47161+	0	3.89612+	6	1.43563+	0	409	3	2	429
3.89892+	6	1.43362+	0	3.99239+	6	1.36810+	0	4.00000+	6	1.36295+	0	409	3	2	430
4.05700+	6	1.32552+	0	4.05866+	6	1.30505+	0	4.16916+	6	1.25560+	0	409	3	2	431
4.17500+	6	1.25202+	0	4.18494+	6	1.24584+	0	4.19845+	6	1.24708+	0	409	3	2	432
4.21196+	6	1.26247+	0	4.22547+	6	1.28512+	0	4.23899+	6	1.30809+	0	409	3	2	433

4.25419+	6	1.337379+	0	4.26939+	6	1.37133+	0	4.28459+	6	1.39933+	0	409	3	2	434
4.29979+	6	1.41076+	0	4.32900+	6	1.40572+	0	4.38086+	6	1.39691+	0	409	3	2	435
4.43940+	6	1.37635+	0	4.46194+	6	1.36825+	0	4.47100+	6	1.36490+	0	409	3	2	436
4.50000+	6	1.35460+	0	4.54301+	6	1.33869+	0	4.57453+	6	1.33210+	0	409	3	2	437
4.62408+	6	1.32122+	0	4.70965+	6	1.30833+	0	4.71529+	6	1.30744+	0	409	3	2	438
4.80650+	6	1.28699+	0	4.89770+	6	1.26999+	0	4.98891+	6	1.26603+	0	409	3	2	439
5.00000+	6	1.26356+	0	5.05422+	6	1.25523+	0	5.14879+	6	1.25470+	0	409	3	2	440
5.22604+	6	1.25436+	0	5.29068+	6	1.25397+	0	5.36127+	6	1.25252+	0	409	3	2	441
5.50000+	6	1.25003+	0	5.52714+	6	1.24945+	0	5.58793+	6	1.24662+	0	409	3	2	442
5.74456+	6	1.23960+	0	5.76360+	6	1.23882+	0	6.00000+	6	1.22070+	0	409	3	2	443
6.00006+	6	1.22069+	0	6.02708+	6	1.21855+	0	6.25342+	6	1.20111+	0	409	3	2	444
6.46622+	6	1.18723+	0	6.50000+	6	1.18496+	0	6.50677+	6	1.18449+	0	409	3	2	445
6.76012+	6	1.16972+	0	6.83780+	6	1.16591+	0	7.00000+	6	1.15707+	0	409	3	2	446
7.01347+	6	1.15637+	0	7.20939+	6	1.15170+	0	7.25838+	6	1.15036+	0	409	3	2	447
7.50000+	6	1.15055+	0	7.50329+	6	1.15056+	0	7.56107+	6	1.15043+	0	409	3	2	448
7.58097+	6	1.15031+	0	7.66849+	6	1.14965+	0	7.74819+	6	1.14924+	0	409	3	2	449
7.77744+	6	1.14810+	0	7.95255+	6	1.14194+	0	7.99310+	6	1.14054+	0	409	3	2	450
8.00000+	6	1.14019+	0	8.24645+	6	1.12976+	0	8.49980+	6	1.12362+	0	409	3	2	451
8.50000+	6	1.12362+	0	8.75316+	6	1.12009+	0	8.78419+	6	1.11970+	0	409	3	2	452
9.00000+	6	1.10948+	0	9.00651+	6	1.10937+	0	9.03352+	6	1.10864+	0	409	3	2	453
9.25142+	6	1.10305+	0	9.49632+	6	1.09497+	0	9.50000+	6	1.09486+	0	409	3	2	454
9.74123+	6	1.08785+	0	9.98614+	6	1.08420+	0	1.00000+	7	1.08277+	0	409	3	2	455
1.00240+	7	1.08038+	0	1.01145+	7	1.07846+	0	1.05138+	7	1.07030+	0	409	3	2	456
1.10000+	7	1.04878+	0	1.10036+	7	1.04862+	0	1.11955+	7	1.03917+	0	409	3	2	457
1.14934+	7	1.02460+	0	1.16000+	7	1.02049+	0	1.16070+	7	1.02021+	0	409	3	2	458
1.19832+	7	1.00455+	0	1.20000+	7	1.00408+	0	1.21300+	7	9.99666-	-1	409	3	2	459
1.21381+	7	9.99425-	-1	1.22764+	7	9.94980-	-1	1.24899+	7	9.88070-	-1	409	3	2	460
1.25425+	7	9.86429-	-1	1.27493+	7	9.80288-	-1	1.29966+	7	9.72736-	-1	409	3	2	461
1.30000+	7	9.72611-	-1	1.31318+	7	9.67708-	-1	1.32223+	7	9.64440-	-1	409	3	2	462
1.35034+	7	9.54106-	-1	1.36952+	7	9.44386-	-1	1.37500+	7	9.41579-	-1	409	3	2	463
1.40000+	7	9.29122-	-1	1.40100+	7	9.28631-	-1	1.41000+	7	9.24718-	-1	409	3	2	464
1.41681+	7	9.21939-	-1	1.42597+	7	9.18150-	-1	1.42600+	7	9.18137-	-1	409	3	2	465
1.44999+	7	9.09107-	-1	1.45000+	7	9.09105-	-1	1.46410+	7	9.06629-	-1	409	3	2	466
1.49897+	7	9.00322-	-1	1.50000+	7	9.00255-	-1	1.51140+	7	8.99929-	-1	409	3	2	467
1.53334+	7	8.99170-	-1	1.54795+	7	8.95867-	-1	1.55000+	7	8.95419-	-1	409	3	2	468
1.59693+	7	8.85361-	-1	1.60000+	7	8.84501-	-1	1.60072+	7	8.84404-	-1	409	3	2	469
1.60117+	7	8.84347-	-1	1.60598+	7	8.83747-	-1	1.62900+	7	8.80787-	-1	409	3	2	470
1.63047+	7	8.80587-	-1	1.65436+	7	8.77190-	-1	1.66000+	7	8.75982-	-1	409	3	2	471
1.66081+	7	8.75838-	-1	1.66239+	7	8.75514-	-1	1.66398+	7	8.75181-	-1	409	3	2	472
1.66714+	7	8.74500-	-1	1.67031+	7	8.73794-	-1	1.67348+	7	8.73066-	-1	409	3	2	473
1.67981+	7	8.71551-	-1	1.68500+	7	8.70253-	-1	1.68614+	7	8.69938-	-1	409	3	2	474
1.69881+	7	8.66287-	-1	1.70000+	7	8.65935-	-1	1.71148+	7	8.62654-	-1	409	3	2	475
1.71178+	7	8.62569-	-1	1.72415+	7	8.58080-	-1	1.73000+	7	8.56009-	-1	409	3	2	476
1.73681+	7	8.53700-	-1	1.74948+	7	8.49625-	-1	1.76215+	7	8.45878-	-1	409	3	2	477
1.76921+	7	8.43853-	-1	1.78917+	7	8.36442-	-1	1.79515+	7	8.34181-	-1	409	3	2	478
1.80000+	7	8.32327-	-1	1.81620+	7	8.26406-	-1	1.82664+	7	8.22626-	-1	409	3	2	479
1.84322+	7	8.13953-	-1	1.86717+	7	8.01747-	-1	1.87025+	7	8.00074-	-1	409	3	2	480
1.90000+	7	7.84101-	-1	1.90149+	7	7.83347-	-1	1.90771+	7	7.80209-	-1	409	3	2	481
1.94824+	7	7.70420-	-1	2.00000+	7	7.74979-	-1					409	3	2	482
												409	3	0	483
4.00900+	3	8.93476+	0		0	99		0		0		409	3	4	484
0.0	+ 0	-7.90000+	6		0	0		1		30	409	3	4	485	
	30		3		0	0		0		0	409	3	4	486	
8.78419+	6	0.0	+ 0	9.00000+	6	7.53137-	-3	9.50000+	6	1.01101-	-2	409	3	4	487
1.00000+	7	1.26026-	-2	1.10000+	7	1.67745-	-2	1.16000+	7	1.91571-	-2	409	3	4	488
1.20000+	7	2.07099-	-2	2.121300+	7	2.10861-	-2	2.125425+	7	2.22136-	-2	409	3	4	489
1.30000+	7	2.28127-	-2	2.131318+	7	2.29531-	-2	2.137500+	7	2.29264-	-2	409	3	4	490
1.40000+	7	2.28970-	-2	2.141000+	7	2.28845-	-2	2.142600+	7	2.28457-	-2	409	3	4	491
1.45000+	7	2.27402-	-2	2.150000+	7	2.25791-	-2	2.153344+	7	2.22848-	-2	409	3	4	492
1.55000+	7	2.53021-	-2	2.160000+	7	3.41967-	-2	2.160072+	7	3.42370-	-2	409	3	4	493
1.60117+	7	3.42587-	-2	2.162900+	7	3.55686-	-2	2.166000+	7	3.70127-	-2	409	3	4	494
1.68500+	7	3.80876-	-2	2.170000+	7	3.87527-	-2	2.173000+	7	4.02063-	-2	409	3	4	495

1.80000+	7	4.33945-	2	1.90000+	7	4.70491-	2	2.00000+	7	4.86651-	2	409	3	4	496
4.00900+	3	8.93476+	0	0		1		0		0	409	3	0	497	
0.0	+ 0-1.68000+	6	0	0		0		1		93	409	3	6	498	
93		3	0	0		0		0		0	409	3	6	499	
1.86803+	6	0.0	+ 0	1.86825+	6	8.98058-	7	1.86848+	6	1.85997-	6	409	3	6	501
1.86893+	6	3.81007-	6	1.86984+	6	8.02886-	6	1.87075+	6	1.26158-	5	409	3	6	502
1.87166+	6	1.75706-	5	1.87348+	6	2.85829-	5	1.87530+	6	4.10634-	5	409	3	6	503
1.87712+	6	5.50102-	5	1.87895+	6	7.05097-	5	1.88260+	6	1.05836-	4	409	3	6	504
1.88626+	6	1.47146-	4	1.88993+	6	1.94671-	4	1.89361+	6	2.47842-	4	409	3	6	505
1.89729+	6	3.07120-	4	1.90468+	6	4.43936-	4	1.91209+	6	6.04837-	4	409	3	6	506
1.91953+	6	7.90141-	4	1.92700+	6	9.99999-	4	1.92700+	6	9.99999-	4	409	3	6	507
1.96350+	6	1.50000-	3	2.00000+	6	2.00000-	3	2.02485+	6	2.96880-	3	409	3	6	508
2.05000+	6	4.00000-	3	2.10000+	6	6.00000-	3	2.14942+	6	7.90517-	3	409	3	6	509
2.20000+	6	1.00000-	2	2.30000+	6	1.40000-	2	2.40000+	6	1.80000-	2	409	3	6	510
2.50000+	6	2.20000-	2	2.60000+	6	2.60000-	2	2.62000+	6	2.70000-	2	409	3	6	511
2.66000+	6	9.09998-	2	2.67140+	6	1.09240-	1	2.70000+	6	1.54987-	1	409	3	6	512
2.70086+	6	1.56338-	1	2.71400+	6	1.64517-	1	2.75000+	6	1.83288-	1	409	3	6	513
2.80000+	6	2.03893-	1	2.85000+	6	1.84110-	1	2.92500+	6	1.65271-	1	409	3	6	514
3.00000+	6	1.53469-	1	3.10000+	6	1.55787-	1	3.11338+	6	1.56149-	1	409	3	6	515
3.20000+	6	1.54861-	1	3.40248+	6	1.52108-	1	3.50000+	6	1.41806-	1	409	3	6	516
3.70000+	6	1.22738-	1	4.00000+	6	1.04362-	1	4.05700+	6	1.03829-	1	409	3	6	517
4.17500+	6	1.02553-	1	4.32900+	6	1.01368-	1	4.47100+	6	1.00338-	1	409	3	6	518
4.50000+	6	1.00056-	1	5.00000+	6	9.72488-	2	5.22604+	6	9.53062-	2	409	3	6	519
5.50000+	6	8.99974-	2	6.00000+	6	8.19199-	2	6.50000+	6	7.75833-	2	409	3	6	520
7.00000+	6	7.38449-	2	7.50000+	6	7.23584-	2	7.56107+	6	7.21784-	2	409	3	6	521
8.00000+	6	6.57603-	2	8.50000+	6	6.35447-	2	9.00000+	6	6.14016-	2	409	3	6	522
9.50000+	6	5.94467-	2	1.00000+	7	7.574595-	2	1.10000+	7	7.541411-	2	409	3	6	523
1.16000+	7	5.24068-	2	1.20000+	7	5.13399-	2	1.21300+	7	5.11450-	2	409	3	6	524
1.25425+	7	5.03712-	2	1.30000+	7	4.81505-	2	1.31318+	7	4.78790-	2	409	3	6	525
1.37500+	7	4.52524-	2	1.40000+	7	4.41956-	2	1.41000+	7	4.39144-	2	409	3	6	526
1.42600+	7	4.34311-	2	1.45000+	7	4.26291-	2	1.50000+	7	4.11056-	2	409	3	6	527
1.55000+	7	3.96159-	2	1.60000+	7	3.81516-	2	1.60072+	7	3.81306-	2	409	3	6	528
1.60117+	7	3.81136-	2	1.62900+	7	3.70533-	2	1.66000+	7	3.59121-	2	409	3	6	529
1.68500+	7	3.49469-	2	1.70000+	7	3.44042-	2	1.73000+	7	3.35963-	2	409	3	6	530
1.80000+	7	3.17072-	2	1.90000+	7	2.92325-	2	2.00000+	7	2.68238-	2	409	3	6	531
										409	3	0	532		
4.00900+	3	8.93476+	0	0		2		0		0	409	3	7	533	
0.0	+ 0-2.42900+	6	0	0		0		1		68	409	3	7	534	
68		3	0	0		0		0		0	409	3	7	535	
2.70086+	6	0.0	+ 0	2.70414+	6	3.01532-	3	2.70742+	6	6.09446-	3	409	3	7	536
2.71400+	6	1.24634-	2	2.73194+	6	3.07653-	2	2.75000+	6	5.06754-	2	409	3	7	537
2.77489+	6	7.92593-	2	2.80000+	6	1.10049-	1	2.82489+	6	1.29051-	1	409	3	7	538
2.85000+	6	1.44808-	1	2.88726+	6	1.68084-	1	2.92500+	6	1.86613-	1	409	3	7	539
3.00000+	6	2.21379-	1	3.10000+	6	2.32310-	1	3.11338+	6	2.33854-	1	409	3	7	540
3.20000+	6	2.47482-	1	3.40248+	6	2.77734-	1	3.42660+	6	2.78238-	1	409	3	7	541
3.45090+	6	2.78695-	1	3.50000+	6	2.79470-	1	3.54896+	6	2.79491-	1	409	3	7	542
3.59861+	6	2.79340-	1	3.70000+	6	2.77340-	1	3.84708+	6	2.79485-	1	409	3	7	543
4.00000+	6	2.79040-	1	4.05700+	6	2.80465-	1	4.17500+	6	2.82704-	1	409	3	7	544
4.32900+	6	2.86494-	1	4.47100+	6	2.89767-	1	4.50000+	6	2.90185-	1	409	3	7	545
5.00000+	6	3.01342-	1	5.22604+	6	3.06216-	1	5.50000+	6	3.01630-	1	409	3	7	546
6.00000+	6	2.95331-	1	6.50000+	6	2.91844-	1	7.00000+	6	2.89256-	1	409	3	7	547
7.50000+	6	2.85436-	1	7.56107+	6	2.84974-	1	8.00000+	6	2.61274-	1	409	3	7	548
8.50000+	6	2.52648-	1	9.00000+	6	2.44304-	1	9.50000+	6	2.36613-	1	409	3	7	549
1.00000+	7	2.29149-	1	1.10000+	7	2.13467-	1	1.16000+	7	2.05473-	1	409	3	7	550
1.20000+	7	2.00521-	1	1.21300+	7	1.99460-	1	1.25425+	7	1.95491-	1	409	3	7	551
1.30000+	7	1.85835-	1	1.31318+	7	1.84513-	1	1.37500+	7	1.73138-	1	409	3	7	552
1.40000+	7	1.68579-	1	1.41000+	7	1.67472-	1	1.42600+	7	1.65577-	1	409	3	7	553
1.45000+	7	1.62434-	1	1.50000+	7	1.56460-	1	1.55000+	7	1.50933-	1	409	3	7	554
1.60000+	7	1.45498-	1	1.60072+	7	1.45450-	1	1.60117+	7	1.45372-	1	409	3	7	555
1.62900+	7	1.41773-	1	1.66000+	7	1.37906-	1	1.68500+	7	1.34606-	1	409	3	7	556
1.70000+	7	1.32763-	1	1.73000+	7	1.30034-	1	1.80000+	7	1.23618-	1	409	3	7	557

1.90000+	7	1.15204-	1	2.00000+	7	1.06854-	1			409	3	7	558		
4.00900+	3	8.93476+	0		0		3		0	0	409	3	8	559	
0.0	+ 0-4.70000+	6			0		0		1	39	409	3	8	560	
39		3			0		0		0	0	409	3	8	561	
5.22604+	6	0.0	+ 0	5.36127+	6	4.46507-	3	5.50000+	6	8.78860-	3	409	3	8	562
5.74456+	6	1.58977-	2	6.00000+	6	2.26387-	2	6.50000+	6	2.64776-	2	409	3	8	563
7.00000+	6	2.99608-	2	7.50000+	6	3.32291-	2	7.56107+	6	3.36246-	2	409	3	8	564
8.00000+	6	3.38068-	2	8.50000+	6	3.54469-	2	9.00000+	6	3.70292-	2	409	3	8	565
9.50000+	6	3.78482-	2	1.00000+	7	3.86360-	2	1.10000+	7	3.89544-	2	409	3	8	566
1.16000+	7	3.87328-	2	1.20000+	7	3.86269-	2	1.21300+	7	3.86261-	2	409	3	8	567
1.25425+	7	3.85054-	2	1.30000+	7	3.73136-	2	1.31318+	7	3.71897-	2	409	3	8	568
1.37500+	7	3.55454-	2	1.40000+	7	3.48777-	2	1.41000+	7	3.46986-	2	409	3	8	569
1.42600+	7	3.43858-	2	1.45000+	7	3.38521-	2	1.50000+	7	3.28519-	2	409	3	8	570
1.55000+	7	3.18432-	2	1.60000+	7	3.08501-	2	1.60072+	7	3.08357-	2	409	3	8	571
1.60117+	7	3.08234-	2	1.62900+	7	3.00627-	2	1.66000+	7	2.92452-	2	409	3	8	572
1.68500+	7	2.85476-	2	1.70000+	7	2.81580-	2	1.73000+	7	2.75830-	2	409	3	8	573
1.80000+	7	2.62311-	2	1.90000+	7	2.44433-	2	2.00000+	7	2.26578-	2	409	3	8	574
										409	3	0	575		
4.00900+	3	8.93476+	0		0		4		0	0	409	3	9	576	
0.0	+ 0-6.80000+	6			0		0		1	33	409	3	9	578	
33		3			0		0		0	0	409	3	9	579	
7.56107+	6	0.0	+ 0	7.66849+	6	3.41637-	3	7.77744+	6	6.74370-	3	409	3	9	580
8.00000+	6	1.31231-	2	8.50000+	6	1.59317-	2	9.00000+	6	1.36436-	2	409	3	9	581
9.50000+	6	2.12457-	2	1.00000+	7	2.37597-	2	1.10000+	7	2.79482-	2	409	3	9	582
1.16000+	7	2.94834-	2	1.20000+	7	3.05002-	2	1.21300+	7	3.06297-	2	409	3	9	583
1.25425+	7	3.09464-	2	1.30000+	7	3.04332-	2	1.31318+	7	3.03641-	2	409	3	9	584
1.37500+	7	2.91673-	2	1.40000+	7	2.86786-	2	1.41000+	7	2.85716-	2	409	3	9	585
1.42600+	7	2.83781-	2	1.45000+	7	2.80329-	2	1.50000+	7	2.74000-	2	409	3	9	586
1.55000+	7	2.67488-	2	1.60000+	7	2.61058-	2	1.60072+	7	2.60991-	2	409	3	9	587
1.60117+	7	2.60923-	2	1.62900+	7	2.56616-	2	1.66000+	7	2.52025-	2	409	3	9	588
1.68500+	7	2.47952-	2	1.70000+	7	2.45740-	2	1.73000+	7	2.42624-	2	409	3	9	589
1.80000+	7	2.35103-	2	1.90000+	7	2.25256-	2	2.00000+	7	2.15092-	2	409	3	9	590
										409	3	0	591		
4.00900+	3	8.93476+	0		0		99		0	0	409	3	16	592	
0.0	+ 0-3.06000+	6			0		0		1	56	409	3	16	593	
56		3			0		0		0	0	409	3	16	594	
3.40248+	6	0.0	+ 0	3.42660+	6	5.72977-	3	3.45090+	6	1.12775-	2	409	3	16	595
3.50000+	6	2.18088-	2	3.54896+	6	3.15215-	2	3.59861+	6	4.05518-	2	409	3	16	596
3.70000+	6	5.65036-	2	3.84708+	6	7.71476-	2	4.00000+	6	9.39208-	2	409	3	16	597
4.05700+	6	9.545784-	2	4.17500+	6	9.83688-	2	4.32900+	6	1.02275-	1	409	3	16	598
4.47100+	6	1.05655-	1	4.50000+	6	1.06238-	1	5.00000+	6	1.17050-	1	409	3	16	599
5.22604+	6	1.19352-	1	5.36127+	6	1.23149-	1	5.50000+	6	1.26805-	1	409	3	16	600
5.74456+	6	1.33042-	1	6.00000+	6	1.38912-	1	6.50000+	6	1.42813-	1	409	3	16	601
7.00000+	6	1.46564-	1	7.50000+	6	1.50404-	1	7.56107+	6	1.50869-	1	409	3	16	602
7.66849+	6	1.55738-	1	7.77744-	6	1.60430-	1	8.00000+	6	1.69263-	1	409	3	16	603
8.50000+	6	1.74930-	1	9.00000+	6	1.80394-	1	9.50000+	6	1.84838-	1	409	3	16	604
1.00000+	7	1.89115-	1	1.10000+	7	1.94468-	1	1.16000+	7	1.95415-	1	409	3	16	605
1.20000+	7	1.96211-	1	1.21300+	7	1.96189-	1	1.25425+	7	1.95521-	1	409	3	16	606
1.30000+	7	2.03321-	1	1.31318+	7	2.04025-	1	1.37500+	7	2.15789-	1	409	3	16	607
1.40000+	7	2.20175-	1	1.41000+	7	2.21131-	1	1.42600+	7	2.22461-	1	409	3	16	608
1.45000+	7	2.23953-	1	1.50000+	7	2.27475-	1	1.55000+	7	2.30238-	1	409	3	16	609
1.60000+	7	2.32860-	1	1.60072+	7	2.32884-	1	1.60117+	7	2.32924-	1	409	3	16	610
1.62900+	7	2.35424-	1	1.66000+	7	2.38249-	1	1.68500+	7	2.40058-	1	409	3	16	611
1.70000+	7	2.41315-	1	1.73000+	7	2.42153-	1	1.80000+	7	2.43533-	1	409	3	16	612
1.90000+	7	2.44152-	1	2.00000+	7	2.44320-	1			409	3	16	613		
										409	3	0	614		
4.00900+	3	8.93476+	0		0		99		0	0	409	3	24	615	
0.0	+ 0-1.57331+	6			0		0		1	20	409	3	24	616	
20		2			0		0		0	0	409	3	24	617	
1.74940+	6	0.0	+ 0	2.67140+	6	0.0	+ 0	3.00000+	6	1.51004-	4	409	3	24	618
4.00000+	6	2.76775-	2	5.00000+	6	3.73600-	2	6.00000+	6	3.01961-	2	409	3	24	619

7.00000+	6	3.23720-	2	8.00000+	6	3.07737-	2	9.00000+	6	2.42284-	2	409	3	24	620
1.00000+	7	1.97899-	2	1.10000+	7	1.80216-	2	1.20000+	7	1.88002-	2	409	3	24	621
1.30000+	7	1.99482-	2	1.40000+	7	1.74921-	2	1.50000+	7	1.47066-	2	409	3	24	622
1.60000+	7	1.25333-	2	1.70000+	7	1.07847-	2	1.80000+	7	9.40091-	3	409	3	24	623
1.90000+	7	8.44077-	3	2.00000+	7	7.83454-	3					409	3	24	624
												409	3	0	625
4.00900+	3	8.93476+	0		0		1		0		0	409	3	46	626
0.0	+ 0-1.68000+	6		0		0		1		93	409	3	46	627	
93		3		0		0		0		0	409	3	46	628	
1.86803+	6	0.0	+ 0	1.86825+	6	8.98058-	7	1.86848+	6	1.85997-	6	409	3	46	629
1.86893+	6	3.81007-	6	1.86984+	6	8.02886-	6	1.87075+	6	1.26158-	5	409	3	46	630
1.87166+	6	1.75706-	5	1.87348+	6	2.85829-	5	1.87530+	6	4.10634-	5	409	3	46	631
1.87712+	6	5.50102-	5	1.87895+	6	7.05097-	5	1.88260+	6	1.05836-	4	409	3	46	632
1.88626+	6	1.47146-	4	1.88993+	6	1.94471-	4	1.89361+	6	2.47842-	4	409	3	46	633
1.89729+	6	3.07120-	4	1.90468+	6	4.43936-	4	1.91209+	6	6.04837-	4	409	3	46	634
1.91953+	6	7.90141-	4	1.92700+	6	9.99999-	4	1.92700+	6	9.99999-	4	409	3	46	635
1.96350+	6	1.50000-	3	2.00000+	6	2.00000-	3	2.02485+	6	2.96880-	3	409	3	46	636
2.05000+	6	4.00000-	3	2.10000+	6	6.00000-	3	2.14942+	6	7.90517-	3	409	3	46	637
2.20000+	6	1.00000-	2	2.30000+	6	1.40000-	2	2.46000+	6	1.80000-	2	409	3	46	638
2.50000+	6	2.20000-	2	2.60000+	6	2.60000-	2	2.62000+	6	2.70000-	2	409	3	46	639
2.66000+	6	9.0998-	2	2.67140+	6	1.09240-	1	2.70000+	6	1.54987-	1	409	3	46	640
2.70086+	6	1.56338-	1	2.71400+	6	1.64517-	1	2.75000+	6	1.83288-	1	409	3	46	641
2.80000+	6	2.03893-	1	2.85000+	6	1.84110-	1	2.92500+	6	1.65271-	1	409	3	46	642
3.00000+	6	1.53469-	1	3.10000+	6	1.55787-	1	3.11338+	6	1.56149-	1	409	3	46	643
3.20000+	6	1.54861-	1	3.40248+	6	1.52108-	1	3.50000+	6	1.41806-	1	409	3	46	644
3.70000+	6	1.22738-	1	4.00000+	6	1.04362-	1	4.05700+	6	1.03829-	1	409	3	46	645
4.17500+	6	1.02553-	1	4.32900+	6	1.01368-	1	4.47100+	6	1.00338-	1	409	3	46	646
4.50000+	6	1.00056-	1	5.00000+	6	9.72488-	2	5.22604+	6	9.53062-	2	409	3	46	647
5.50000+	6	8.99974-	2	6.00000+	6	8.19199-	2	6.50000+	6	7.75833-	2	409	3	46	648
7.00000+	6	7.38449-	2	7.50000+	6	7.23584-	2	7.56107+	6	7.21784-	2	409	3	46	649
8.00000+	6	6.567603-	2	8.50000+	6	6.35447-	2	9.00000+	6	6.14016-	2	409	3	46	650
9.50000+	6	5.94467-	2	1.00000+	7	5.75495-	2	1.10000+	7	5.41411-	2	409	3	46	651
1.16000+	7	5.24068-	2	1.20000+	7	5.13399-	2	1.21300+	7	5.11450-	2	409	3	46	652
1.25425+	7	5.03712-	2	1.30000+	7	4.81505-	2	1.31318+	7	4.78790-	2	409	3	46	653
1.37500+	7	4.525242-	2	1.40000+	7	4.41956-	2	1.41000+	7	4.39144-	2	409	3	46	654
1.42600+	7	4.34319-	2	1.45000+	7	4.26291-	2	1.50000+	7	4.11056-	2	409	3	46	655
1.55000+	7	3.96159-	2	1.60000+	7	3.81516-	2	1.60072+	7	3.81306-	2	409	3	46	656
1.60117+	7	3.81136-	2	1.62900+	7	3.70533-	2	1.66000+	7	3.59121-	2	409	3	46	657
1.68500+	7	3.49469-	2	1.70000+	7	3.44042-	2	1.73000+	7	3.35963-	2	409	3	46	658
1.80000+	7	3.17072-	2	1.90000+	7	2.92325-	2	2.00000+	7	2.68238-	2	409	3	46	659
												409	3	0	660
4.00900+	3	8.93476+	0		0		2		0		0	409	3	47	661
0.0	+ 0-2.42900+	6		0		0		1		68	409	3	47	662	
68		3		0		0		0		0	409	3	47	663	
2.70086+	6	0.0	+ 0	2.70414+	6	3.01532-	3	2.70742+	6	6.09446-	3	409	3	47	664
2.71400+	6	1.24634-	2	2.73194+	6	3.07653-	2	2.75000+	6	5.06754-	2	409	3	47	665
2.77489+	6	7.92593-	2	2.80000+	6	1.10049-	1	2.82489+	6	1.29051-	1	409	3	47	666
2.85000+	6	1.44808-	1	2.88726+	6	1.68084-	1	2.92500+	6	1.86613-	1	409	3	47	667
3.00000+	6	2.21379-	1	3.10000+	6	2.32310-	1	3.11338+	6	2.33854-	1	409	3	47	668
3.20000+	6	2.47482-	1	3.40248+	6	2.77734-	1	3.42660+	6	2.78238-	1	409	3	47	669
3.45090+	6	2.78695-	1	3.50000+	6	2.79470-	1	3.54896+	6	2.79491-	1	409	3	47	670
3.59861+	6	2.79340-	1	3.70000+	6	2.77340-	1	3.84708+	6	2.79485-	1	409	3	47	671
4.00000+	6	2.79040-	1	4.05700+	6	2.80465-	1	4.17500+	6	2.82704-	1	409	3	47	672
4.32900+	6	2.86494-	1	4.47100+	6	2.89767-	1	4.50000+	6	2.90185-	1	409	3	47	673
5.00000+	6	3.01342-	1	5.22604+	6	3.06216-	1	5.50000+	6	3.01630-	1	409	3	47	674
6.00000+	6	2.95331-	1	6.50000+	6	2.91844-	1	7.00000+	6	2.89256-	1	409	3	47	675
7.50000+	6	2.85436-	1	7.56107+	6	2.84974-	1	8.00000+	6	2.61274-	1	409	3	47	676
8.50000+	6	2.52648-	1	9.00000+	6	2.44304-	1	9.50000+	6	2.36613-	1	409	3	47	677
1.00000+	7	2.29149-	1	1.10000+	7	2.13467-	1	1.16000+	7	2.05473-	1	409	3	47	678
1.20000+	7	2.00521-	1	1.21300+	7	1.99460-	1	1.25425+	7	1.95491-	1	409	3	47	679
1.30000+	7	1.85835-	1	1.31318+	7	1.84513-	1	1.37500+	7	1.73138-	1	409	3	47	680
1.40000+	7	1.68579-	1	1.41000+	7	1.67472-	1	1.42600+	7	1.65577-	1	409	3	47	681

1.45000+	7	1.62434-	1	1.50000+	7	1.56460-	1	1.55000+	7	1.50933-	1	409	3	47	682
1.60000+	7	1.45498-	1	1.60072+	7	1.45430-	1	1.60117+	7	1.45372-	1	409	3	47	683
1.62900+	7	1.41773-	1	1.66000+	7	1.37906-	1	1.68500+	7	1.34606-	1	409	3	47	684
1.70000+	7	1.32763-	1	1.73000+	7	1.30034-	1	1.80000+	7	1.23618-	1	409	3	47	685
1.90000+	7	1.15204-	1	2.00000+	7	1.06854-	1					409	3	47	686
												409	3	0	687
4.00900+	3	8.93476+	0		0		3		0		0	409	3	48	688
0.0	+ 0-4.70000+	6		0		0		1		39	409	3	48	689	
39			3	0		0		0		0	409	3	48	690	
5.22604+	6	0.0	+ 0	5.36127+	6	4.46507-	3	5.50000+	6	8.78860-	3	409	3	48	691
5.74456+	6	1.58977-	2	6.00000+	6	2.26387-	2	6.50000+	6	2.64776-	2	409	3	48	692
7.00000+	6	2.99608-	2	7.50000+	6	3.32291-	2	7.56107+	6	3.36246-	2	409	3	48	693
8.00000+	6	3.38068-	2	8.50000+	6	3.54469-	2	9.00000+	6	3.70292-	2	409	3	48	694
9.50000+	6	3.78482-	2	1.00000+	7	3.86360-	2	1.10000+	7	3.89544-	2	409	3	48	695
1.16000+	7	3.87328-	2	1.20000+	7	3.86269-	2	1.21300+	7	3.86261-	2	409	3	48	696
1.25425+	7	3.85054-	2	1.30000+	7	3.73136-	2	1.31318+	7	3.71897-	2	409	3	48	697
1.37500+	7	3.55454-	2	1.40000+	7	3.48777-	2	1.41000+	7	3.46986-	2	409	3	48	698
1.42600+	7	3.43858-	2	1.45000+	7	3.38521-	2	1.50000+	7	3.28519-	2	409	3	48	699
1.55000+	7	3.18432-	2	1.60000+	7	3.08501-	2	1.60072+	7	3.08357-	2	409	3	48	700
1.60117+	7	3.08234-	2	1.62900+	7	3.00627-	2	1.66000+	7	2.92452-	2	409	3	48	701
1.68500+	7	2.85476-	2	1.70000+	7	2.81580-	2	1.73000+	7	2.75830-	2	409	3	48	702
1.80000+	7	2.62311-	2	1.90000+	7	2.44433-	2	2.00000+	7	2.26578-	2	409	3	48	703
										409	3	0	704		
4.00900+	3	8.93476+	0		0		4		0		0	409	3	49	705
0.0	+ 0-6.80000+	6		0		0		1		33	409	3	49	706	
33			3	0		0		0		0	409	3	49	707	
7.56107+	6	0.0	+ 0	7.66849+	6	3.41637-	3	7.77744+	6	6.74370-	3	409	3	49	708
8.00000+	6	1.31231-	2	8.50000+	6	1.59317-	2	9.00000+	6	1.86436-	2	409	3	49	709
9.50000+	6	2.12457-	2	1.00000+	7	2.37597-	2	1.10000+	7	2.79482-	2	409	3	49	710
1.16000+	7	2.94834-	2	1.20000+	7	3.05002-	2	1.21300-	7	3.06297-	2	409	3	49	711
1.25425+	7	3.09464-	2	1.30000+	7	3.04332-	2	1.31318+	7	3.03641-	2	409	3	49	712
1.37500+	7	2.91673-	2	1.40000+	7	2.86786-	2	1.41000+	7	2.85716-	2	409	3	49	713
1.42600+	7	2.83781-	2	1.45000+	7	2.80329-	2	1.50000+	7	2.74000-	2	409	3	49	714
1.55000+	7	2.67488-	2	1.60000+	7	2.61058-	2	1.60072+	7	2.60991-	2	409	3	49	715
1.60117+	7	2.60923-	2	1.62900+	7	2.56616-	2	1.66000+	7	2.52025-	2	409	3	49	716
1.68500+	7	2.47952-	2	1.70000+	7	2.45740-	2	1.73000+	7	2.42624-	2	409	3	49	717
1.80000+	7	2.35103-	2	1.90000+	7	2.25256-	2	2.00000+	7	2.15092-	2	409	3	49	718
										409	3	0	719		
4.00900+	3	8.93476+	0		0		1		0		0	409	3	51	720
0.0	+ 0-7.90000+	6		0		0		1		29	409	3	51	721	
29			3	0		0		0		0	409	3	51	722	
8.78419+	6	0.0	+ 0	9.00000+	6	7.53137-	3	9.50000+	6	6.101101-	2	409	3	51	723
1.00000+	7	1.26026-	2	1.10000+	7	1.67745-	2	1.16000+	7	1.91571-	2	409	3	51	724
1.20000+	7	2.07099-	2	2.12300+	7	2.10861-	2	2.125425+	7	2.22136-	2	409	3	51	725
1.30000+	7	2.28127-	2	2.31318+	7	2.29531-	2	2.37500+	7	2.29264-	2	409	3	51	726
1.40000+	7	2.28970-	2	2.41000+	7	2.28845-	2	2.42600+	7	2.28457-	2	409	3	51	727
1.45000+	7	2.27402-	2	2.50000+	7	2.25791-	2	2.55000+	7	2.21402-	2	409	3	51	728
1.60000+	7	2.17056-	2	2.60072+	7	2.16994-	2	2.60117+	7	2.16933-	2	409	3	51	729
1.62900+	7	2.13101-	2	2.66000+	7	2.09009-	2	2.68500+	7	2.05406-	2	409	3	51	730
1.70000+	7	2.03440-	2	2.73000+	7	2.00639-	2	2.80000+	7	1.93914-	2	409	3	51	731
1.90000+	7	1.84756-	2	2.00000+	7	1.75291-	2			409	3	51	732		
										409	3	0	733		
4.00900+	3	8.93476+	0		0		2		0		0	409	3	52	734
0.0	+ 0-1.37900+	7		0		0		1		13	409	3	52	735	
13			3	0		0		0		0	409	3	52	736	
1.53334+	7	0.0	+ 0	1.55000+	7	3.16193-	3	1.60000+	7	1.24911-	2	409	3	52	737
1.60072+	7	1.25376-	2	1.60117+	7	1.25654-	2	1.62900+	7	1.42585-	2	409	3	52	738
1.66000+	7	1.61118-	2	1.68500+	7	1.75470-	2	1.70000+	7	1.84087-	2	409	3	52	739
1.73000+	7	2.01424-	2	1.80000+	7	2.40031-	2	1.90000+	7	2.85735-	2	409	3	52	740
2.00000+	7	3.11360-	2							409	3	52	741		
										409	3	0	742		
4.00900+	3	8.93476+	0		0		99		0		0	409	3102	743	

0.0	+ 0	6.37210+ 6	0	0	1	14	409	3102	744
14		5	0	0	0	0	409	3102	745
1.00000- 5	3.82272- 1	1.00000- 4	1.20885- 1	1.00000- 3	3.82272- 2	409	3102	746	
2.53000- 2	7.60000- 3	1.00000- 1	3.82272- 3	1.00000+ 0	1.20885- 3	409	3102	747	
1.00000+ 1	3.82272- 4	1.00000+ 2	1.20885- 4	1.00000+ 3	3.82272- 5	409	3102	748	
1.00000+ 4	1.20885- 5	1.00000+ 5	3.82272- 6	1.00000+ 6	1.20885- 6	409	3102	749	
1.00000+ 7	3.82272- 7	2.00000+ 7	2.70307- 7			409	3102	750	
						409	3 0	751	
4.00900+ 3	8.93476+ 0		0	99	0	0	409	3103	752
0.0	+ 0-1.28244+ 7		0	0	1	7	409	3103	753
7	2	0	0	0	0	0	409	3103	754
1.42597+ 7	0.0	+ 0	1.50000+ 7	4.82851- 4	1.60000+ 7	7.43060- 4	409	3103	755
1.70000+ 7	8.89255- 4	1.80000+ 7	1.03914- 3	1.90000+ 7	1.18005- 3	409	3103	756	
2.00000+ 7	1.28236- 3					409	3103	757	
						409	3 0	758	
4.00900+ 3	8.93476+ 0		0	99	0	0	409	3104	759
0.0	+ 0-1.46635+ 7		0	0	1	21	409	3104	760
21	2	0	0	0	0	0	409	3104	761
1.63047+ 7	0.0	+ 0	1.66081+ 7	1.66509- 4	1.66239+ 7	2.18032- 4	409	3104	762
1.66398+ 7	2.75960- 4	1.66714+ 7	4.10180- 4	1.67031+ 7	5.67395- 4	409	3104	763	
1.67348+ 7	7.45989- 4	1.67981+ 7	1.16036- 3	1.68614+ 7	1.63979- 3	409	3104	764	
1.69881+ 7	2.73926- 3	1.71148+ 7	3.93592- 3	1.72415+ 7	5.12124- 3	409	3104	765	
1.73681+ 7	6.18669- 3	1.74948+ 7	7.02375- 3	1.76215+ 7	7.52394- 3	409	3104	766	
1.78917+ 7	8.33005- 3	1.81620+ 7	9.29966- 3	1.84322+ 7	1.01506- 2	409	3104	767	
1.87025+ 7	1.06007- 2	1.90149+ 7	1.08984- 2	2.00000+ 7	1.16690- 2	409	3104	768	
						409	3 0	769	
4.00900+ 3	8.93476+ 0		0	99	0	0	409	3105	770
0.0	+ 0-1.04387+ 7		0	0	1	11	409	3105	771
11	2	0	0	0	0	0	409	3105	772
1.16070+ 7	0.0	+ 0	1.20000+ 7	6.98397- 4	1.21381+ 7	1.65404- 3	409	3105	773
1.30000+ 7	9.44131- 3	1.40000+ 7	1.83575- 2	1.50000+ 7	2.46176- 2	409	3105	774	
1.60000+ 7	2.85511- 2	1.70000+ 7	2.99133- 2	1.80000+ 7	2.98976- 2	409	3105	775	
1.90000+ 7	2.93066- 2	2.00000+ 7	2.84052- 2			409	3105	776	
						409	3 0	777	
4.00900+ 3	8.93476+ 0		0	99	0	0	409	3107	778
0.0	+ 0-6.02300+ 5		0	0	1	69	409	3107	779
69	2	0	0	0	0	0	409	3107	780
6.69700+ 5	0.0	+ 0	8.41804+ 5	5.27232- 5	8.50249+ 5	5.38567- 5	409	3107	781
8.58695+ 5	6.63976- 5	8.67140+ 5	7.04797- 5	8.75585+ 5	7.62371- 5	409	3107	782	
8.84030+ 5	8.38042- 5	8.92475+ 5	9.33150- 5	9.00920+ 5	1.04904- 4	409	3107	783	
9.09365+ 5	1.18704- 4	9.26256+ 5	1.53480- 4	9.43145+ 5	1.98711- 4	409	3107	784	
9.60035+ 5	2.55474- 4	9.76925+ 5	3.24841- 4	9.93815+ 5	4.07886- 4	409	3107	785	
1.01070+ 6	5.05680- 4	1.02759+ 6	6.19299- 4	1.04449+ 6	7.49814- 4	409	3107	786	
1.06138+ 6	8.98313- 4	1.08249+ 6	1.12191- 3	1.10360+ 6	1.39743- 3	409	3107	787	
1.12471+ 6	1.72377- 3	1.14583+ 6	2.09991- 3	1.18050+ 6	2.99718- 3	409	3107	788	
1.23028+ 6	4.08070- 3	1.27250+ 6	5.34185- 3	1.31473+ 6	6.77211- 3	409	3107	789	
1.39918+ 6	1.01055- 2	1.48363+ 6	1.60124- 2	1.56808+ 6	1.84241- 2	409	3107	790	
1.73698+ 6	2.84880- 2	1.90588+ 6	3.89263- 2	2.07478+ 6	4.92096- 2	409	3107	791	
2.24369+ 6	6.00503- 2	2.41259+ 6	7.21609- 2	2.54771+ 6	8.33578- 2	409	3107	792	
2.68283+ 6	9.42222- 2	2.81795+ 6	1.01824- 1	2.95307+ 6	1.03233- 1	409	3107	793	
3.12197+ 6	1.00039- 1	3.29087+ 6	9.72992- 2	3.45978+ 6	9.52904- 2	409	3107	794	
3.62868+ 6	9.42891- 2	3.89892+ 6	8.97108- 2	4.16916+ 6	8.01825- 2	409	3107	795	
4.43940+ 6	7.00676- 2	4.57453+ 6	6.61538- 2	4.70965+ 6	6.37298- 2	409	3107	796	
5.14879+ 6	5.87583- 2	5.58793+ 6	5.34252- 2	6.02708+ 6	4.75034- 2	409	3107	797	
6.46622+ 6	4.07657- 2	6.83780+ 6	3.59768- 2	7.20939+ 6	3.33165- 2	409	3107	798	
7.58097+ 6	3.20135- 2	7.95255+ 6	3.12965- 2	9.03352+ 6	2.87031- 2	409	3107	799	
1.01145+ 7	2.50410- 2	1.11955+ 7	2.05420- 2	1.22764+ 7	1.54383- 2	409	3107	800	
1.27493+ 7	1.33099- 2	1.32223+ 7	1.15590- 2	1.36952+ 7	1.01431- 2	409	3107	801	
1.41681+ 7	9.01945- 3	1.46410+ 7	7.8.14563- 3	1.51140+ 7	7.47896- 3	409	3107	802	
1.60598+ 7	6.59680- 3	1.79515+ 7	5.44468- 3	2.00000+ 7	5.00000- 3	409	3107	803	
						409	3 0	804	
4.00900+ 3	8.93476+ 0		0	0	0	0	409	3251	805

0.0	+ 0 0.0	+ 0	0	0	1	90	409	3251	806
90	2		0	0	0	0	409	3251	807
1.00000-	5 7.44393-	2 1.00000-	4 7.44393-	2 1.00000-	3 7.44393-	2 409	3251	808	
2.53000-	2 7.44393-	2 1.00000-	1 7.44393-	2 1.00000+	0 7.44393-	2 409	3251	809	
1.00000+	1 7.44393-	2 1.00000+	2 7.44393-	2 1.00000+	3 7.44393-	2 409	3251	810	
1.00000+	4 7.44393-	2 4.00000+	4 7.44393-	2 5.00000+	4 8.52300-	2 409	3251	811	
7.00000+	4 8.94753-	2 8.50000+	4 8.13243-	2 1.00000+	5 7.02823-	2 409	3251	812	
1.20000+	5 7.82209-	2 1.55000+	5 9.87447-	2 2.07000+	5 9.17741-	2 409	3251	813	
2.55000+	5 1.16056-	1 3.06000+	5 1.04141-	1 3.50000+	5 1.05666-	1 409	3251	814	
4.07000+	5 9.60822-	2 4.32000+	5 1.07677-	1 4.50000+	5 1.10058-	1 409	3251	815	
5.08000+	5 1.12117-	1 5.50000+	5 1.11362-	1 5.70000+	5 1.05309-	1 409	3251	816	
5.90000+	5 1.05850-	1 6.00000+	5 1.12731-	1 6.10000+	5 9.91183-	2 409	3251	817	
6.20000+	5 8.91797-	2 6.30000+	5 8.44296-	2 6.40000+	5 9.89497-	2 409	3251	818	
6.50000+	5 1.01726-	1 6.75000+	5 1.22304-	1 7.70000+	5 1.34905-	1 409	3251	819	
7.80000+	5 1.36389-	1 7.90000+	5 1.35468-	1 8.00000+	5 1.29575-	1 409	3251	820	
8.05000+	5 1.18345-	1 8.10000+	5 1.51027-	1 8.15000+	5 1.87600-	1 409	3251	821	
8.20000+	5 2.17738-	1 8.25000+	5 2.32907-	1 8.30000+	5 2.79507-	1 409	3251	822	
8.40000+	5 2.22694-	1 8.60000+	5 2.09008-	1 9.05000+	5 2.03108-	1 409	3251	823	
9.30000+	5 2.146464-	1 1.04000+	6 2.53904-	1 1.14000+	6 2.57422-	1 409	3251	824	
1.24000+	6 2.69013-	1 1.34000+	6 2.72872-	1 1.44000+	6 2.82991-	1 409	3251	825	
1.54000+	6 2.73822-	1 1.65000+	6 2.62730-	1 1.75000+	6 2.30973-	1 409	3251	826	
1.85000+	6 2.19742-	1 1.95000+	6 1.70884-	1 2.05000+	6 1.53799-	1 409	3251	827	
2.15000+	6 1.31226-	1 2.25000+	6 1.50137-	1 2.48000+	6 1.56746-	1 409	3251	828	
2.63000+	6 2.60458-	2 2.77000+	6 4.33800-	1 2.97000+	6 3.80814-	1 409	3251	829	
3.00000+	6 3.63677-	1 3.35000+	6 4.16775-	1 3.50000+	6 4.27777-	1 409	3251	830	
3.55000+	6 4.40028-	1 3.65000+	6 4.46564-	1 3.75000+	6 4.54083-	1 409	3251	831	
4.10000+	6 4.57246-	1 5.00000+	6 5.46667-	1 6.00000+	6 5.76297-	1 409	3251	832	
6.97000+	6 6.48701-	1 7.97000+	6 6.65366-	1 8.96000+	6 6.81816-	1 409	3251	833	
9.96000+	6 7.07658-	1 1.09500+	7 7.21601-	1 1.20400+	7 7.34838-	1 409	3251	834	
1.29400+	7 7.52059-	1 1.39400+	7 7.62502-	1 1.49400+	7 7.76867-	1 409	3251	835	
1.50000+	7 7.95926-	1 1.60000+	7 8.08808-	1 1.70000+	7 8.20550-	1 409	3251	836	
1.80000+	7 8.31232-	1 1.90000+	7 8.40867-	1 2.00000+	7 8.49598-	1 409	3251	837	
						409	3	0	838
4.00900+	3 8.93476+	0	0	0	0	0	409	3740	839
0.0	+ 0-1.04387+	7	0	0	1	10	409	3740	840
10	2	0	0	0	0	0	409	3740	841
1.16070+	7 0.0	+ 0 1.20000+	7 6.98397-	4 1.30000+	7 7.61833-	3 409	3740	842	
1.40000+	7 1.32801-	2 1.50000+	7 1.72270-	2 1.60000+	7 1.96693-	2 409	3740	843	
1.70000+	7 2.04046-	2 1.80000+	7 2.02482-	2 1.90000+	7 1.96835-	2 409	3740	844	
2.00000+	7 1.89526-	2				409	3740	845	
4.00900+	3 8.93476+	0	0	1	0	0	409	3741	846
0.0	+ 0-1.09163+	7	0	0	1	9	409	3741	848
9	2	0	0	0	0	0	409	3741	849
1.21381+	7 0.0	+ 0 1.30000+	7 1.82298-	3 1.40000+	7 5.07744-	3 409	3741	850	
1.50000+	7 7.39060-	3 1.60000+	7 8.88184-	3 1.70000+	7 9.50868-	3 409	3741	851	
1.80000+	7 9.64942-	3 1.90000+	7 9.62312-	3 2.00000+	7 9.45261-	3 409	3741	852	
						409	3	0	853
						409	0	0	854
4.00900+	3 8.93476+	0	1	1	0	0	409	4	2
0.0	+ 0 8.93476+	0	0	2	121	10	409	4	2
1.00000+	0 7.46149-	2 2.50983-	3-4.78024-17	0.0	+ 0 0.0	+ 0 409	4	2	856
0.0	+ 0 0.0	+ 0 0.0	+ 0 0.0	+ 0 0.0	+ 0 0.0	+ 0 409	4	2	857
9.92484-	1 1.33825-	1 8.58969-	3 2.67967-	4 4.48025-	6-1.22627-	7 409	4	2	858
0.0	+ 0 0.0	+ 0 0.0	+ 0 0.0	+ 0 0.0	+ 0 7.38138-	2 409	4	2	860
9.80383-	1 1.89998-	1 1.78180-	2 9.70756-	4 3.29937-	5 3.97847-	7 409	4	2	861
1.04844-	7-5.10786-	9 0.0	+ 0 0.0	+ 0 7.42880-	3-1.31699-	1 409	4	2	862
9.61894-	1 2.43973-	1 3.00457-	2 2.27601-	3 1.15260-	4 3.58200-	6 409	4	2	863
2.36992-	7 8.28956-	9 0.0	+ 0-7.91569-	4 1.68479-	2-1.85795-	1 409	4	2	864
9.37458-	1 2.95650-	1 4.51199-	2 4.34261-	3 2.89554-	4 1.33817-	5 409	4	2	865
6.22193-	7 0.0	+ 0 8.61174-	5-2.09536-	3 2.89465-	2-2.37054-	1 409	4	2	866
9.07330-	1 3.44699-	1 6.28617-	2 7.31834-	3 6.02345-	4 3.60746-	5 409	4	2	867

0.0	+ 0-9.46220-	6 2.55854-	4-4.12803-	3 4.36540-	2-2.85401-	1 409 4	2 868
8.71800-	1 3.90736-	1 8.30622-	2 1.13375-	2 1.10761-	3 0.0	+ 0 409 4	2 869
1.04538-	6-3.08401-	5 5.60139-	4-7.03483-	3 6.07950-	2-3.30548-	1 409 4	2 870
8.31202-	1 4.33374-	1 1.05482-	1 1.65188-	2 0.0	+ 0-1.15882-	7 409 4	2 871
3.68196-	6-7.35929-	5 1.05153-	3-1.09403-	2 8.01467-	2-3.72159-	1 409 4	2 872
7.85916-	1 4.72243-	1 1.29855-	1 0.0	+ 0 1.28740-	8-4.36348-	7 409 4	2 873
9.45112-	6-1.49700-	4 1.78791-	3-1.59508-	2 1.01452-	1-4.09905-	1 409 4	2 874
7.36365-	1 5.07005-	1 0.0	+ 0-1.43243-	9 5.14089-	8-1.19330-	6 409 4	2 875
2.05922-	5-2.74366-	4 2.83167-	3-2.21532-	2 1.24427-	1-4.43476-	1 409 4	2 876
6.83007-	1				409 4	2 877	
0.0	+ 0 0.0	+ 0	0	0	1	90 409 4	2 878
	90	2	0	0	0	0 409 4	2 879
0.0	+ 0 1.00000-	5	0	0	2	0 409 4	2 880
0.0	+ 0 0.0	+ 0				409 4	2 881
0.0	+ 0 1.00000-	4	0	0	2	0 409 4	2 882
0.0	+ 0 0.0	+ 0				409 4	2 883
0.0	+ 0 1.00000-	3	0	0	2	0 409 4	2 884
0.0	+ 0 0.0	+ 0				409 4	2 885
0.0	+ 0 2.53000-	2	0	0	2	0 409 4	2 886
0.0	+ 0 0.0	+ 0				409 4	2 887
0.0	+ 0 1.00000-	1	0	0	2	0 409 4	2 888
0.0	+ 0 0.0	+ 0				409 4	2 889
0.0	+ 0 1.00000+	0	0	0	2	0 409 4	2 890
0.0	+ 0 0.0	+ 0				409 4	2 891
0.0	+ 0 1.00000+	1	0	0	2	0 409 4	2 892
0.0	+ 0 0.0	+ 0				409 4	2 893
0.0	+ 0 1.00000+	2	0	0	2	0 409 4	2 894
0.0	+ 0 0.0	+ 0				409 4	2 895
0.0	+ 0 1.00000+	3	0	0	2	0 409 4	2 896
0.0	+ 0 0.0	+ 0				409 4	2 897
0.0	+ 0 1.00000+	4	0	0	2	0 409 4	2 898
0.0	+ 0 0.0	+ 0				409 4	2 899
0.0	+ 0 4.00000+	4	0	0	2	0 409 4	2 900
0.0	+ 0 0.0	+ 0				409 4	2 901
0.0	+ 0 5.00000+	4	0	0	2	0 409 4	2 902
1.08696-	2 0.0	+ 0				409 4	2 903
0.0	+ 0 7.00000+	4	0	0	2	0 409 4	2 904
1.46520-	2-6.59341-	3				409 4	2 905
0.0	+ 0 8.50000+	4	0	0	4	0 409 4	2 906
7.49064-	3 6.74157-	3-3.85233-	3 0.0	+ 0		409 4	2 907
0.0	+ 0 1.00000+	5	0	0	4	0 409 4	2 908
-3.74532-	3 4.49438-	3-8.02568-	3 0.0	+ 0		409 4	2 909
0.0	+ 0 1.20000+	5	0	0	4	0 409 4	2 910
3.78788-	3 0.0	+ 0 1.62338-	3 0.0	+ 0		409 4	2 911
0.0	+ 0 1.55000+	5	0	0	4	0 409 4	2 912
2.46914-	2 2.46914-	3-1.76367-	3 0.0	+ 0		409 4	2 913
0.0	+ 0 2.07000+	5	0	0	4	0 409 4	2 914
1.73160-	2-2.59740-	3-3.71058-	3 0.0	+ 0		409 4	2 915
0.0	+ 0 2.55000+	5	0	0	4	0 409 4	2 916
4.22535-	2 3.94366-	3-2.81690-	3 0.0	+ 0		409 4	2 917
0.0	+ 0 3.06000+	5	0	0	4	0 409 4	2 918
2.94118-	2-5.88255-	3 5.04202-	3 0.0	+ 0		409 4	2 919
0.0	+ 0 3.50000+	5	0	0	4	0 409 4	2 920
3.12500-	2-3.12500-	3-2.23214-	3 0.0	+ 0		409 4	2 921
0.0	+ 0 4.50000+	5	0	0	4	0 409 4	2 922
2.15054-	2-4.51613-	3-3.22581-	3 0.0	+ 0		409 4	2 923
0.0	+ 0 4.32000+	5	0	0	4	0 409 4	2 924
3.27869-	2-9.83607-	3-3.27869-	3 0.0	+ 0		409 4	2 925
0.0	+ 0 4.50000+	5	0	0	4	0 409 4	2 926
3.44444-	2-2.00000-	2-4.76190-	3 0.0	+ 0		409 4	2 927
0.0	+ 0 5.08000+	5	0	0	2	0 409 4	2 928
3.74269-	2-7.01754-	3				409 4	2 929

0.0	+ 0 5.50000+ 5	0	0	2	0 409 4	2	930
3.50877-	- 2-2.80702- 2				409 4	2	931
0.0	+ 0 5.70000+ 5	0	0	4	0 409 4	2	932
2.87356-	- 2-3.10345- 2	2.46305- 3	0.0	+ 0	409 4	2	933
0.0	+ 0 5.90000+ 5	0	0	4	0 409 4	2	934
2.92398-	- 2-3.15789- 2	2.50627- 3	0.0	+ 0	409 4	2	935
0.0	+ 0 6.00000+ 5	0	0	4	0 409 4	2	936
3.76344-	- 2-1.29032- 2	-2.30415- 3	0.0	+ 0	409 4	2	937
0.0	+ 0 6.10000+ 5	0	0	4	0 409 4	2	938
2.63158-	- 2 1.97368- 2	1.87970- 3	0.0	+ 0	409 4	2	939
0.0	+ 0 6.20000+ 5	0	0	4	0 409 4	2	940
2.17391-	- 2 9.34783- 2	1.08696- 2	0.0	+ 0	409 4	2	941
0.0	+ 0 6.30000+ 5	0	0	4	0 409 4	2	942
2.13904-	- 2 1.51872- 1	7.63942- 3	0.0	+ 0	409 4	2	943
0.0	+ 0 6.40000+ 5	0	0	4	0 409 4	2	944
3.65854-	- 2 1.58537- 1	2.14286- 3	0.0	+ 0	409 4	2	945
0.0	+ 0 6.50000+ 5	0	0	4	0 409 4	2	946
3.75587-	- 2 1.35211- 1	8.04829- 3	0.0	+ 0	409 4	2	947
0.0	+ 0 6.75000+ 5	0	0	4	0 409 4	2	948
5.35714-	- 2 7.14286- 2	1.02041- 3	0.0	+ 0	409 4	2	949
0.0	+ 0 7.70000+ 5	0	0	2	0 409 4	2	950
6.28931-	- 2 2.64151- 2				409 4	2	951
0.0	+ 0 7.80000+ 5	0	0	4	0 409 4	2	952
6.41026-	- 2 2.30769- 2	2.74725- 3	0.0	+ 0	409 4	2	953
0.0	+ 0 7.90000+ 5	0	0	2	0 409 4	2	954
6.28931-	- 2 1.88679- 2				409 4	2	955
0.0	+ 0 8.00000+ 5	0	0	4	0 409 4	2	956
5.66037-	- 2 1.50943- 2	5.39084- 3	0.0	+ 0	409 4	2	957
0.0	+ 0 8.05000+ 5	0	0	4	0 409 4	2	958
4.59770-	- 2 2.41379- 2	4.92611- 3	0.0	+ 0	409 4	2	959
0.0	+ 0 8.10000+ 5	0	0	4	0 409 4	2	960
7.90960-	- 2 2.71186- 2	7.26392- 3	0.0	+ 0	409 4	2	961
0.0	+ 0 8.15000+ 5	0	0	4	0 409 4	2	962
1.16162-	- 1 3.03030- 2	8.65801- 3	0.0	+ 0	409 4	2	963
0.0	+ 0 8.20000+ 5	0	0	4	0 409 4	2	964
1.46970-	- 1 3.63636- 2	9.52381- 3	0.0	+ 0	409 4	2	965
0.0	+ 0 8.25000+ 5	0	0	4	0 409 4	2	966
1.61765-	- 1 2.94118- 2	6.30252- 3	0.0	+ 0	409 4	2	967
0.0	+ 0 8.30000+ 5	0	0	4	0 409 4	2	968
2.09677-	- 1 4.19355- 2	4.60829- 3	0.0	+ 0	409 4	2	969
0.0	+ 0 8.40000+ 5	0	0	4	0 409 4	2	970
1.50943-	- 1 2.26415- 2	8.08625- 3	0.0	+ 0	409 4	2	971
0.0	+ 0 8.60000+ 5	0	0	4	0 409 4	2	972
1.37255-	- 1 2.35294- 2	5.60224- 3	0.0	+ 0	409 4	2	973
0.0	+ 0 9.05000+ 5	0	0	4	0 409 4	2	974
1.30719-	- 1 1.56863- 2	5.60224- 3	0.0	+ 0	409 4	2	975
0.0	+ 0 9.30000+ 5	0	0	2	0 409 4	2	976
1.73277-	- 1 0.0	+ 0			409 4	2	977
0.0	+ 0 1.04000+ 6	0	0	2	0 409 4	2	978
1.80770-	- 1 0.0	+ 0			409 4	2	979
0.0	+ 0 1.14000+ 6	0	0	2	0 409 4	2	980
1.86727-	- 1 3.18760- 2				409 4	2	981
0.0	+ 0 1.24000+ 6	0	0	2	0 409 4	2	982
1.98867-	- 1 3.80160- 2				409 4	2	983
0.0	+ 0 1.34000+ 6	0	0	2	0 409 4	2	984
2.02743-	- 1 3.78600- 2				409 4	2	985
0.0	+ 0 1.44000+ 6	0	0	2	0 409 4	2	986
2.12957-	- 1 3.81360- 2				409 4	2	987
0.0	+ 0 1.54000+ 6	0	0	2	0 409 4	2	988
2.04387-	- 1 4.69400- 2				409 4	2	989
0.0	+ 0 1.65000+ 6	0	0	2	0 409 4	2	990
1.94643-	- 1 6.58620- 2				409 4	2	991

0.0	+ 0	1.75000+ 6	0	0	2	0	409	4	2	992			
1.62967-	- 1	7.00700- 2	0	0	2	0	409	4	2	993			
0.0	+ 0	1.85000+ 6	0	0	2	0	409	4	2	994			
1.53043-	- 1	8.85120- 2	0	0	2	0	409	4	2	995			
0.0	+ 0	1.95000+ 6	0	0	2	0	409	4	2	996			
1.03170-	- 1	7.99300- 2	0	0	2	0	409	4	2	997			
0.0	+ 0	2.05000+ 6	0	0	2	0	409	4	2	998			
8.86567-	- 2	1.15796- 1	0	0	2	0	409	4	2	999			
0.0	+ 0	2.15000+ 6	0	0	2	0	409	4	2	1000			
6.68733-	- 2	1.28560- 1	0	0	2	0	409	4	2	1001			
0.0	+ 0	2.25000+ 6	0	0	2	0	409	4	2	1002			
8.87600-	- 2	1.70104- 1	2.66486- 2	0.0	+	0	4	0	409	4	2	1003	
0.0	+ 0	2.48000+ 6	0	0	2	0	4	0	409	4	2	1004	
1.01540-	- 1	2.53220- 1	5.10014- 2	1.49478-	2	0	4	0	409	4	2	1005	
0.0	+ 0	2.63000+ 6	0	0	2	0	4	0	409	4	2	1006	
2.08697-	- 1	2.94300- 1	9.49529- 2	1.51833-	2	0	4	0	409	4	2	1007	
0.0	+ 0	2.77000+ 6	0	0	2	0	4	0	409	4	2	1008	
3.86100-	- 1	3.35680- 1	1.21519- 1	1.00020-	2	0	4	0	409	4	2	1009	
0.0	+ 0	2.97000+ 6	0	0	2	0	4	0	409	4	2	1010	
3.30883-	- 1	3.13580- 1	1.36151- 1	9.12378-	3	0	4	0	409	4	2	1011	
0.0	+ 0	3.00000+ 6	0	0	2	0	4	0	409	4	2	1012	
3.13303-	- 1	3.09540- 1	1.37199- 1	8.92589-	3	0	4	0	409	4	2	1013	
0.0	+ 0	3.35000+ 6	0	0	2	0	4	0	409	4	2	1014	
3.66667-	- 1	3.05900- 1	1.20024- 1	5.47111-	3	0	4	0	409	4	2	1015	
0.0	+ 0	3.50000+ 6	0	0	2	0	4	0	409	4	2	1016	
3.78033-	- 1	3.10220- 1	1.20093- 1	1.91667-	3	0	4	0	409	4	2	1017	
0.0	+ 0	3.55000+ 6	0	0	2	0	4	0	409	4	2	1018	
3.90367-	- 1	3.08940- 1	1.13014- 1	2.71344-	3	0	4	0	409	4	2	1019	
0.0	+ 0	3.65000+ 6	0	0	2	0	4	0	409	4	2	1020	
3.96967-	- 1	3.08940- 1	1.16307- 1	7.55644-	3	0	4	0	409	4	2	1021	
0.0	+ 0	3.75000+ 6	0	0	2	0	4	0	409	4	2	1022	
4.04800-	- 1	3.12000- 1	1.13957- 1	7.73289-	3	0	4	0	409	4	2	1023	
0.0	+ 0	4.10000+ 6	0	0	2	0	4	0	409	4	2	1024	
4.06867-	- 1	2.94000- 1	8.56971- 2	0.0	+	0	4	0	409	4	2	1025	
0.0	+ 0	5.00000+ 6	0	0	2	0	4	0	409	4	2	1026	
4.98367-	- 1	3.17480- 1	1.11149- 1	0.0	+	0	4	0	409	4	2	1027	
0.0	+ 0	6.00000+ 6	0	0	2	0	4	0	409	4	2	1028	
5.32100-	- 1	3.70040- 1	1.61900- 1	4.17756-	2	0	4	0	409	4	2	1029	
0.0	+ 0	6.97000+ 6	0	0	2	0	6	0	409	4	2	1030	
6.08244-	- 1	4.20215- 1	2.18126- 1	6.47551-	2	1.11437-	2	2.15054-	3	409	4	2	1031
0.0	+ 0	7.97000+ 6	0	0	2	0	6	0	409	4	2	1032	
6.25999-	- 1	4.33987- 1	2.32649- 1	7.37110-	2	1.11903-	2	2.17865-	3	409	4	2	1033
0.0	+ 0	8.96000+ 6	0	0	2	0	6	0	409	4	2	1034	
6.43691-	- 1	4.50547- 1	2.53048- 1	8.93508-	2	1.34275-	2	1.68322-	3	409	4	2	1035
0.0	+ 0	9.96000+ 6	0	0	2	0	6	0	409	4	2	1036	
6.71087-	- 1	4.70276- 1	2.72928- 1	1.04359-	1	2.04922-	2	5.01487-	3	409	4	2	1037
0.0	+ 0	1.09500+ 7	0	0	2	0	6	0	409	4	2	1038	
6.86251-	- 1	4.86722- 1	2.92429- 1	1.22079-	1	2.65997-	2	6.05622-	3	409	4	2	1039
0.0	+ 0	1.20400+ 7	0	0	2	0	6	0	409	4	2	1040	
6.99880-	- 1	4.91236- 1	2.96176- 1	1.24316-	1	2.95755-	2	7.20288-	3	409	4	2	1041
0.0	+ 0	1.29400+ 7	0	0	2	0	6	0	409	4	2	1042	
7.18391-	- 1	5.08128- 1	3.11752- 1	1.37657-	1	3.58262-	2	8.99962-	3	409	4	2	1043
0.0	+ 0	1.39400+ 7	0	0	2	0	6	0	409	4	2	1044	
7.29551-	- 1	5.17386- 1	3.21649- 1	1.47828-	1	4.20356-	2	1.13820-	2	409	4	2	1045
0.0	+ 0	1.49400+ 7	0	0	2	0	6	0	409	4	2	1046	
7.44430-	- 1	5.24086- 1	3.24626- 1	1.46140-	1	3.93213-	2	8.63323-	3	409	4	2	1047
0.0	+ 0	1.50000+ 7	0	0	2	0	10	0	409	4	2	1048	
7.65461-	- 1	5.53280- 1	3.78863- 1	2.25975-	1	1.03277-	1	3.86996-	2	409	4	2	1049
1.17750-	- 2	3.15348- 3	7.59965- 4	1.65488-	4	0	0	0	409	4	2	1050	
0.0	+ 0	1.60000+ 7	0	0	2	0	10	0	409	4	2	1051	
7.79457-	- 1	5.68192- 1	3.91807- 1	2.39500-	1	1.15254-	1	4.51577-	2	409	4	2	1052
1.44680-	- 2	4.08465- 3	1.03873- 3	2.38880-	4	0	0	0	409	4	2	1053	

0.0	+ 0 1.70000+ 7	0	0	10	0 409 4	2 1054
7.92273-	- 1 5.82669- 1	4.04687-	1 2.52558-	1 1.26934- 1	5.18286- 2	409 4 2 1055
1.74253-	- 2 5.16640- 3	1.38098-	3 3.34046- 4			409 4 2 1056
0.0	+ 0 1.80000+ 7	0	0	10	0 409 4	2 1057
8.03979-	- 1 5.96562- 1	4.17417-	1 2.65133- 1	1.38257- 1	5.86631- 2	409 4 2 1058
2.06328-	- 2 6.40261- 3	1.79243-	3 4.54474- 4			409 4 2 1059
0.0	+ 0 1.90000+ 7	0	0	10	0 409 4	2 1060
8.14587-	- 1 6.09827- 1	4.29928-	1 2.77212-	1 1.49214- 1	6.56283- 2	409 4 2 1061
2.40780-	- 2 7.79624- 3	2.27856-	3 6.03626- 4			409 4 2 1062
0.0	+ 0 2.00000+ 7	0	0	10	0 409 4	2 1063
8.24242-	- 1 6.22468- 1	4.42147-	1 2.88854- 1	1.59839- 1	7.27153- 2	409 4 2 1064
2.77621-	- 2 9.36288- 3	2.85627-	3 7.97664- 4			409 4 2 1065
						409 4 0 1066
4.00900+	3 8.93476+ 0	0	1	0	0 409 4	6 1067
0.0	+ 0 8.93476+ 0	0	2	0	0 409 4	6 1068
0.0	+ 0 0.0 + 0	0	0	1	20 409 4	6 1069
20	2	0	0	0	0 409 4	6 1070
0.0	+ 0 1.86803+ 6	0	0	2	0 409 4	6 1071
0.0	+ 0 0.0 + 0				409 4	6 1072
0.0	+ 0 2.00000+ 6	0	0	4	0 409 4	6 1073
0.0	+ 0 1.43673- 3	0.0	+ 0-3.14594- 6			409 4 6 1074
0.0	+ 0 3.00000+ 6	0	0	6	0 409 4	6 1075
0.0	+ 0 1.26246- 2	0.0	+ 0-6.18763- 5	0.0	+ 0-5.81050- 7	409 4 6 1076
0.0	+ 0 4.00000+ 6	0	0	8	0 409 4	6 1077
0.0	+ 0 1.86676- 2	0.0	+ 0-4.61965- 5	0.0	+ 0 4.46580- 7	409 4 6 1078
0.0	+ 0-7.41161- 8				409 4	6 1079
0.0	+ 0 5.00000+ 6	0	0	8	0 409 4	6 1080
0.0	+ 0 2.53982- 2	0.0	+ 0-1.06918- 4	0.0	+ 0-5.88682- 7	409 4 6 1081
0.0	+ 0-1.63943- 7				409 4	6 1082
0.0	+ 0 6.00000+ 6	0	0	8	0 409 4	6 1083
0.0	+ 0 3.27756- 2	0.0	+ 0-9.06261- 5	0.0	+ 0 2.18760- 7	409 4 6 1084
0.0	+ 0 3.03423- 7				409 4	6 1085
0.0	+ 0 7.00000+ 6	0	0	10	0 409 4	6 1086
0.0	+ 0 3.82042- 2	0.0	+ 0 4.59209- 5	0.0	+ 0-1.83954- 6	409 4 6 1087
0.0	+ 0 3.65745- 7	0.0	+ 0-1.05641- 7			409 4 6 1088
0.0	+ 0 8.00000+ 6	0	0	10	0 409 4	6 1089
0.0	+ 0 4.16855- 2	0.0	+ 0 6.56314- 5	0.0	+ 0-1.46601- 6	409 4 6 1090
0.0	+ 0 2.43612- 7	0.0	+ 0-1.88953- 7			409 4 6 1091
0.0	+ 0 9.00000+ 6	0	0	10	0 409 4	6 1092
0.0	+ 0 4.60764- 2	0.0	+ 0 4.50120- 4	0.0	+ 0-9.40454- 6	409 4 6 1093
0.0	+ 0 7.04167- 7	0.0	+ 0-1.28628- 7			409 4 6 1094
0.0	+ 0 1.00000+ 7	0	0	12	0 409 4	6 1095
0.0	+ 0 5.08849- 2	0.0	+ 0 8.53826- 4	0.0	+ 0-2.17145- 5	409 4 6 1096
0.0	+ 0-2.52192- 7	0.0	+ 0-2.93281- 7	0.0	+ 0-6.14175- 8	409 4 6 1097
0.0	+ 0 1.10000+ 7	0	0	12	0 409 4	6 1098
0.0	+ 0 5.59351- 2	0.0	+ 0 1.25772- 3	0.0	+ 0-3.70365- 5	409 4 6 1099
0.0	+ 0-1.62465- 6	0.0	+ 0-4.90483- 7	0.0	+ 0-9.64941- 8	409 4 6 1100
0.0	+ 0 1.20000+ 7	0	0	12	0 409 4	6 1101
0.0	+ 0 6.09710- 2	0.0	+ 0 1.75170- 3	0.0	+ 0-5.09025- 5	409 4 6 1102
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 21 2 0 0 0 0 0 0 409 4 24 1344
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 8.00000- 1 2.54350+ 0 9.00000- 1 2.42760+ 0 1.00000+ 0 2.64290+ 0 409 4 46 1467
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 0.0 + 0 5.00000+ 6 0 0 1 21 409 4 46 1486
 21 2 0 0 0 0 0 0 409 4 46 1487

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2.00000-	1	2.22420-	1	3.00000-	1	3.10960-	1	4.00000-	1	4.17070-	1	409	4	46	1492
5.00000-	1	6.39150-	1	6.00000-	1	9.11620-	1	7.00000-	1	1.26120+	0	409	4	46	1493
8.00000-	1	1.73090+	0	9.00000-	1	2.58310+	0	1.00000+	0	3.01010+	0	409	4	46	1494
0.0	+ 0	6.00000+	6	0	0	0	1	21	409	4	46	1495			
21	2	0	0	0	0	0	0	0	409	4	46	1496			
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2.00000-	1	2.30440-	1	3.00000-	1	3.22180-	1	4.00000-	1	4.32140-	1	409	4	46	1501
5.00000-	1	6.62350-	1	6.00000-	1	8.40330-	1	7.00000-	1	1.30780+	0	409	4	46	1502
8.00000-	1	1.79060+	0	9.00000-	1	2.67770+	0	1.00000+	0	2.60610+	0	409	4	46	1503
0.0	+ 0	7.00000+	6	0	0	0	1	21	409	4	46	1504			
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2.00000-	1	2.35220-	1	3.00000-	1	3.28960-	1	4.00000-	1	4.41330-	1	409	4	46	1510
5.00000-	1	6.76540-	1	6.00000-	1	8.58640-	1	7.00000-	1	1.33590+	0	409	4	46	1511
8.00000-	1	1.83090+	0	9.00000-	1	2.74860+	0	1.00000+	0	2.37030+	0	409	4	46	1512
0.0	+ 0	8.00000+	6	0	0	0	1	21	409	4	46	1513			
21	2	0	0	0	0	0	0	0	409	4	46	1514			
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-7.00000-	1	0.0	+ 0-6.00000-	1	0.0	+ 0-5.00000-	1	0.0	+ 0	409	4	46	1516		
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2.00000-	1	2.49870-	1	3.00000-	1	3.49510-	1	4.00000-	1	4.68970-	1	409	4	46	1519
5.00000-	1	7.18740-	1	6.00000-	1	9.12950-	1	7.00000-	1	1.37140+	0	409	4	46	1520
8.00000-	1	1.94380+	0	9.00000-	1	2.37370+	0	1.00000+	0	2.46010+	0	409	4	46	1521
0.0	+ 0	9.00000+	6	0	0	0	1	21	409	4	46	1522			
21	2	0	0	0	0	0	0	0	409	4	46	1523			
-1.00000+	0	0.0	+ 0-9.00000-	1	0.0	+ 0-8.00000-	1	0.0	+ 0	409	4	46	1524		
-7.00000-	1	0.0	+ 0-6.00000-	1	0.0	+ 0-5.00000-	1	0.0	+ 0	409	4	46	1525		
-4.00000-	1	0.0	+ 0-3.00000-	1	4.02940-	-2-2.00000-	1	4.16730-	-2	409	4	46	1526		
-1.00000-	1	4.32040-	2	0.0	+ 0	1.02760-	1	1.00000-	1	1.76640-	1	409	4	46	1527
2.00000-	1	1.86470-	1	3.00000-	1	3.71180-	1	4.00000-	1	4.98310-	1	409	4	46	1528
5.00000-	1	6.53060-	1	6.00000-	1	9.70680-	1	7.00000-	1	1.37370+	0	409	4	46	1529
8.00000-	1	2.07280+	0	9.00000-	1	2.32170+	0	1.00000+	0	2.29510+	0	409	4	46	1530
0.0	+ 0	1.00000+	7	0	0	0	1	21	409	4	46	1531			
21	2	0	0	0	0	0	0	0	409	4	46	1532			
-1.00000+	0	0.0	+ 0-9.00000-	1	0.0	+ 0-8.00000-	1	0.0	+ 0	409	4	46	1533		
-7.00000-	1	0.0	+ 0-6.00000-	1	0.0	+ 0-5.00000-	1	0.0	+ 0	409	4	46	1534		
-4.00000-	1	0.0	+ 0-3.00000-	1	4.08020-	-2-2.00000-	1	4.21940-	-2	409	4	46	1535		
-1.00000-	1	4.37400-	2	0.0	+ 0	1.04060-	1	1.00000-	1	1.78880-	1	409	4	46	1536
2.00000-	1	1.88830-	1	3.00000-	1	2.86220-	1	4.00000-	1	5.04850-	1	409	4	46	1537
5.00000-	1	6.61790-	1	6.00000-	1	9.84020-	1	7.00000-	1	1.39110+	0	409	4	46	1538
8.00000-	1	2.09600+	0	9.00000-	1	2.34390+	0	1.00000+	0	2.26720+	0	409	4	46	1539
0.0	+ 0	1.10000+	7	0	0	0	1	21	409	4	46	1540			
21	2	0	0	0	0	0	0	0	409	4	46	1541			
-1.00000+	0	0.0	+ 0-9.00000-	1	0.0	+ 0-8.00000-	1	0.0	+ 0	409	4	46	1542		
-7.00000-	1	0.0	+ 0-6.00000-	1	0.0	+ 0-5.00000-	1	0.0	+ 0	409	4	46	1543		
-4.00000-	1	0.0	+ 0-3.00000-	1	4.23450-	-2-2.00000-	1	4.37970-	-2	409	4	46	1544		
-1.00000-	1	4.54010-	2	0.0	+ 0	1.08030-	1	1.00000-	1	1.13150-	1	409	4	46	1545
2.00000-	1	1.96050-	1	3.00000-	1	2.97190-	1	4.00000-	1	5.24420-	1	409	4	46	1546
5.00000-	1	6.87520-	1	6.00000-	1	1.02190+	0	7.00000-	1	1.44840+	0	409	4	46	1547
8.00000-	1	2.17770+	0	9.00000-	1	2.20740+	0	1.00000+	0	2.17320+	0	409	4	46	1548
0.0	+ 0	1.20000+	7	0	0	0	1	21	409	4	46	1549			

21	2	0	0	0	0	0	409	4	46	1550
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1551	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1552	
-4.00000-	1 0.0	+ 0 -3.00000-	1 4.21470-	-2 2.00000-	1 4.35920-	-2 409	4	46	1553	
-1.00000-	1 4.51840-	2 0.0	+ 0 1.07540-	1 1.00000-	1 1.12630-	1 409	4	46	1554	
2.00000-	1 1.95160-	1 3.00000-	1 2.95890-	1 4.00000-	1 5.22270-	1 409	4	46	1555	
5.00000-	1 6.84810-	1 6.00000-	1 1.01770+	0 7.00000-	1 1.44350+	0 409	4	46	1556	
8.00000-	1 2.17550+	0 9.00000-	1 2.22330+	0 1.00000+	0 2.18160+	0 409	4	46	1557	
0.0	+ 0 1.30000+	7 0	0	1	21 409	4	46	1558		
21	2	0	0	0	0	0 409	4	46	1559	
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1560	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1561	
-4.00000-	1 0.0	+ 0 -3.00000-	1 0.0	+ 0 -2.00000-	1 4.56110-	-2 409	4	46	1562	
-1.00000-	1 4.72740-	2 0.0	+ 0 1.12520-	1 1.00000-	1 1.17840-	1 409	4	46	1563	
2.00000-	1 2.04250-	1 3.00000-	1 3.09680-	1 4.00000-	1 5.46720-	1 409	4	46	1564	
5.00000-	1 7.17060-	1 6.00000-	1 1.06670+	0 7.00000-	1 1.50740+	0 409	4	46	1565	
8.00000-	1 1.99500+	0 9.00000-	1 2.23060+	0 1.00000+	0 2.19870+	0 409	4	46	1566	
0.0	+ 0 1.40000+	7 0	0	1	21 409	4	46	1567		
21	2	0	0	0	0	0 409	4	46	1568	
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1569	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1570	
-4.00000-	1 0.0	+ 0 -3.00000-	1 0.0	+ 0 -2.00000-	1 4.71690-	-2 409	4	46	1571	
-1.00000-	1 4.88870-	2 0.0	+ 0 1.16390-	1 1.00000-	1 1.21880-	1 409	4	46	1572	
2.00000-	1 2.11260-	1 3.00000-	1 3.20370-	1 4.00000-	1 5.65470-	1 409	4	46	1573	
5.00000-	1 7.42070-	1 6.00000-	1 1.10320+	0 7.00000-	1 1.35820+	0 409	4	46	1574	
8.00000-	1 2.06020+	0 9.00000-	1 2.06040+	0 1.00000+	0 2.08890+	0 409	4	46	1575	
0.0	+ 0 1.50000+	7 0	0	1	21 409	4	46	1576		
21	2	0	0	0	0	0 409	4	46	1577	
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1578	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1579	
-4.00000-	1 0.0	+ 0 -3.00000-	1 0.0	+ 0 -2.00000-	1 4.80070-	-2 409	4	46	1580	
-1.00000-	1 4.97530-	2 0.0	+ 0 1.18430-	1 1.00000-	1 1.24050-	1 409	4	46	1581	
2.00000-	1 2.15050-	1 3.00000-	1 3.26120-	1 4.00000-	1 5.75020-	1 409	4	46	1582	
5.00000-	1 7.55700-	1 6.00000-	1 1.12260+	0 7.00000-	1 1.58670+	0 409	4	46	1583	
8.00000-	1 1.91530+	0 9.00000-	1 2.09780+	0 1.00000+	0 2.13110+	0 409	4	46	1584	
0.0	+ 0 1.60000+	7 0	0	1	21 409	4	46	1585		
21	2	0	0	0	0	0 409	4	46	1586	
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1587	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1588	
-4.00000-	1 0.0	+ 0 -3.00000-	1 0.0	+ 0 -2.00000-	1 4.83780-	-2 409	4	46	1589	
-1.00000-	1 5.01330-	2 0.0	+ 0 1.19260-	1 1.00000-	1 1.25010-	1 409	4	46	1590	
2.00000-	1 2.16720-	1 3.00000-	1 3.28740-	1 4.00000-	1 4.64990-	1 409	4	46	1591	
5.00000-	1 7.61970-	1 6.00000-	1 1.13080+	0 7.00000-	1 1.60070+	0 409	4	46	1592	
8.00000-	1 1.93280+	0 9.00000-	1 2.14380+	0 1.00000+	0 2.15340+	0 409	4	46	1593	
0.0	+ 0 1.70000+	7 0	0	1	21 409	4	46	1594		
21	2	0	0	0	0	0 409	4	46	1595	
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1596	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1597	
-4.00000-	1 0.0	+ 0 -3.00000-	1 0.0	+ 0 -2.00000-	1 4.88660-	-2 409	4	46	1598	
-1.00000-	1 5.06450-	2 0.0	+ 0 5.26270-	2 1.00000-	1 1.26290-	1 409	4	46	1599	
2.00000-	1 2.19970-	1 3.00000-	1 3.32150-	1 4.00000-	1 4.69880-	1 409	4	46	1600	
5.00000-	1 7.70170-	1 6.00000-	1 1.13960+	0 7.00000-	1 1.62110+	0 409	4	46	1601	
8.00000-	1 1.95760+	0 9.00000-	1 2.16080+	0 1.00000+	0 2.10260+	0 409	4	46	1602	
0.0	+ 0 1.80000+	7 0	0	1	21 409	4	46	1603		
21	2	0	0	0	0	0 409	4	46	1604	
-1.00000+	0 0.0	+ 0 -9.00000-	1 0.0	+ 0 -8.00000-	1 0.0	+ 0 409	4	46	1605	
-7.00000-	1 0.0	+ 0 -6.00000-	1 0.0	+ 0 -5.00000-	1 0.0	+ 0 409	4	46	1606	
-4.00000-	1 0.0	+ 0 -3.00000-	1 0.0	+ 0 -2.00000-	1 5.11000-	-2 409	4	46	1607	
-1.00000-	1 5.29540-	2 0.0	+ 0 5.50220-	2 1.00000-	1 1.32060-	1 409	4	46	1608	
2.00000-	1 2.28990-	1 3.00000-	1 3.47380-	1 4.00000-	1 4.91460-	1 409	4	46	1609	
5.00000-	1 8.05700-	1 6.00000-	1 1.19020+	0 7.00000-	1 1.70110+	0 409	4	46	1610	
8.00000-	1 1.96390+	0 9.00000-	1 1.98790+	0 1.00000+	0 1.98460+	0 409	4	46	1611	

0.0	+ 0	1.90000+ 7	0	0	1	21	409	4	46	1612					
21	2	0	0	0	0	0	409	4	46	1613					
-1.00000+	0	0.0	+ 0-9.00000-	1	0.0	+ 0-8.00000-	1	0.0	+ 0	409	4	46	1614		
-7.00000-	1	0.0	+ 0-6.00000-	1	0.0	+ 0-5.00000-	1	0.0	+ 0	409	4	46	1615		
-4.00000-	1	0.0	+ 0-3.00000-	1	0.0	+ 0-2.00000-	1	5.20790-	2	409	4	46	1616		
-1.00000-	1	5.39730-	2	0.0	+ 0 5.60800-	2	1.00000-	1	1.34600-	1	409	4	46	1617	
2.00000-	1	2.33410-	1	3.00000-	1	3.54130-	1	4.00000-	1	5.01100-	1	409	4	46	1618
5.00000-	1	8.21640-	1	6.00000-	1	1.21230+	0	7.00000-	1	1.72840+	0	409	4	46	1619
8.00000-	1	1.79510+	0	9.00000-	1	2.03610+	0	1.00000+	0	2.04220+	0	409	4	46	1620
0.0	+ 0	2.00000+ 7	0	0	1	21	409	4	46	1621					
21	2	0	0	0	0	0	409	4	46	1622					
-1.00000+	0	0.0	+ 0-9.00000-	1	0.0	+ 0-8.00000-	1	0.0	+ 0	409	4	46	1623		
-7.00000-	1	0.0	+ 0-6.00000-	1	0.0	+ 0-5.00000-	1	0.0	+ 0	409	4	46	1624		
-4.00000-	1	0.0	+ 0-3.00000-	1	0.0	+ 0-2.00000-	1	5.22410-	2	409	4	46	1625		
-1.00000-	1	5.41430-	2	0.0	+ 0 5.62560-	2	1.00000C-	1	1.35040-	1	409	4	46	1626	
2.00000-	1	2.34190-	1	3.00000-	1	3.55350-	1	4.00000-	1	5.02820-	1	409	4	46	1627
5.00000-	1	8.24590-	1	6.00000-	1	1.21590+	0	7.00000-	1	1.73170+	0	409	4	46	1628
8.00000-	1	1.79720+	0	9.00000-	1	2.01850+	0	1.00000+	0	2.04420+	0	409	4	46	1629
										409	4	0			
4.00900+	3	8.93476+ 0	0	2	0	0	409	4	47	1631					
0.0	+ 0	8.93476+ 0	0	1	0	0	409	4	47	1632					
0.0	+ 0	0.0	+ 0	0	1	19	409	4	/7	1633					
19	2	0	0	0	0	0	409	4	47	1634					
0.0	+ 0	2.70086+ 6	0	0	1	3	409	4	47	1635					
3	2	0	0	0	0	0	409	4	47	1636					
-1.00000+	0	5.00000-	1	0.0	+ 0 5.00000-	1	1.00000+	0	5.00000-	1	409	4	47	1637	
0.0	+ 0	3.00000+ 6	0	0	1	21	409	4	47	1638					
21	2	0	0	0	0	0	409	4	47	1639					
-1.00000+	0	2.41550-	1	9.00000-	1	3.70930-	1	8.00000-	1	3.76910-	1	409	4	47	1640
-7.00000-	1	3.88280-	1	6.00000-	1	3.95340-	1	5.00000-	1	2.69550-	1	409	4	47	1641
-4.00000-	1	4.13240-	1	3.00000-	1	4.21240-	1	2.00000-	1	4.31550-	1	409	4	47	1642
-1.00000-	1	4.40270-	1	0.0	+ 0 4.50410-	1	1.00000-	1	4.59900-	1	409	4	47	1643	
2.00000-	1	4.70060-	1	3.00000-	1	6.40280-	1	4.00000-	1	4.90750-	1	409	4	47	1644
5.00000-	1	6.68770-	1	6.00000-	1	6.82090-	1	7.00000-	1	6.98750-	1	409	4	47	1645
8.00000-	1	7.13210-	1	9.00000-	1	7.26940-	1	1.00000+	0	7.41520-	1	409	4	47	1646
0.0	+ 0	4.00000+ 6	0	0	1	21	409	4	47	1647					
21	2	0	0	0	0	0	409	4	47	1648					
-1.00000+	0	3.23930-	1	9.00000-	1	2.70490-	1	8.00000-	1	3.47110-	1	409	4	47	1649
-7.00000-	1	3.53980-	1	6.00000-	1	3.60900-	1	5.00000-	1	3.73350-	1	409	4	47	1650
-4.00000-	1	3.81310-	1	3.00000-	1	4.69370-	1	2.00000-	1	4.01610-	1	409	4	47	1651
-1.00000-	1	4.94150-	1	0.0	+ 0 4.22480-	1	1.00000-	1	5.19770-	1	409	4	47	1652	
2.00000-	1	5.33130-	1	3.00000-	1	5.46660-	1	4.00000-	1	5.60200-	1	409	4	47	1653
5.00000-	1	6.70170-	1	6.00000-	1	5.89060-	1	7.00000-	1	7.05280-	1	409	4	47	1654
8.00000-	1	7.21860-	1	9.00000-	1	7.38260-	1	1.00000+	0	7.57800-	1	409	4	47	1655
0.0	+ 0	5.00000+ 6	0	0	1	21	409	4	47	1656					
21	2	0	0	0	0	0	409	4	47	1657					
-1.00000+	0	2.58950-	1	9.00000-	1	3.20290-	1	8.00000-	1	2.76700-	1	409	4	47	1658
-7.00000-	1	2.82600-	1	6.00000-	1	3.49210-	1	5.00000-	1	3.57140-	1	409	4	47	1659
-4.00000-	1	3.70690-	1	3.00000-	1	3.79530-	1	2.00000-	1	4.55480-	1	409	4	47	1660
-1.00000-	1	4.02190-	1	0.0	+ 0 4.82500-	1	1.00000-	1	5.67120-	1	409	4	47	1661	
2.00000-	1	5.10720-	1	3.00000-	1	6.00470-	1	4.00000-	1	6.17360-	1	409	4	47	1662
5.00000-	1	6.36160-	1	6.00000-	1	6.53530-	1	7.00000-	1	6.70850-	1	409	4	47	1663
8.00000-	1	7.77480-	1	9.00000-	1	7.97290-	1	1.00000+	0	7.26460-	1	409	4	47	1664
0.0	+ 0	6.00000+ 6	0	0	1	21	409	4	47	1665					
21	2	0	0	0	0	0	409	4	47	1666					
-1.00000+	0	2.59940-	1	9.00000-	1	2.35810-	1	8.00000-	1	2.92330-	1	409	4	47	1667
-7.00000-	1	2.98890-	1	6.00000-	1	3.05900-	1	5.00000-	1	3.68680-	1	409	4	47	1668
-4.00000-	1	3.27720-	1	3.00000-	1	3.94340-	1	2.00000-	1	4.04880-	1	409	4	47	1669
-1.00000-	1	4.20210-	1	0.0	+ 0 4.94930-	1	1.00000-	1	5.09500-	1	409	4	47	1670	
2.00000-	1	5.26620-	1	3.00000-	1	6.11070-	1	4.00000-	1	5.60430-	1	409	4	47	1671
5.00000-	1	6.50880-	1	6.00000-	1	6.70410-	1	7.00000-	1	7.69670-	1	409	4	47	1672
8.00000-	1	7.92220-	1	9.00000-	1	8.13990-	1	1.00000+	0	8.43120-	1	409	4	47	1673

0.0	+ 0	7.00000+ 6	0	0	1	21	409	4	47	1674			
21	,	2	0	0	0	0	409	4	47	1675			
-1.60000+	0	2.07410-	1-9.00000-	1	2.58130-	1-8.00000-	1	2.64030-	1	409	4	47	1676
-7.00000-	1	3.19410-	1-6.00000-	1	2.86000-	1-5.00000-	1	3.44930-	1	409	4	47	1677
-4.00000-	1	3.53910-	1-3.00000-	1	4.18190-	1-2.00000-	1	3.79900-	1	409	4	47	1678
-1.00000-	1	4.48510-	1 0.0	+ 0	4.62060-	1 1.00000-	1	4.79760-	1	409	4	47	1679
2.00000-	1	5.57720-	1 3.00000-	1	5.76640-	1 4.00000-	1	5.96770-	1	409	4	47	1680
5.00000-	1	6.86440-	1 6.00000-	1	7.09010-	1 7.00000-	1	7.31550-	1	409	4	47	1681
8.00000-	1	8.34710-	1 9.00000-	1	7.85660-	1 1.00000+	0	8.05940-	1	409	4	47	1682
0.0	+ 0	8.00000+ 6	0	0	1	21	409	4	47	1683			
21	,	2	0	0	0	0	409	4	47	1684			
-1.00000+	0	2.00600-	1-9.00000-	1	2.04760-	1-8.00000-	1	2.55480-	1	409	4	47	1685
-7.00000-	1	2.61700-	1-6.00000-	1	3.17010-	1-5.00000-	1	3.25360-	1	409	4	47	1686
-4.00000-	1	3.85850-	1-3.00000-	1	3.53020-	1-2.00000-	1	4.17890-	1	409	4	47	1687
-1.00000-	1	4.30760-	1 0.0	+ 0	4.49970-	1 1.00000-	1	5.24130-	1	409	4	47	1688
2.00000-	1	5.42320-	1 3.00000-	1	5.633590-	1 4.00000-	1	6.49420-	1	409	4	47	1689
5.00000-	1	6.72900-	1 6.00000-	1	7.68470-	1 7.00000-	1	7.25130-	1	409	4	47	1690
8.00000-	1	7.50220-	1 9.00000-	1	8.59620-	1 1.00000+	0	8.84230-	1	409	4	47	1691
0.0	+ 0	9.00000+ 6	0	0	1	21	409	4	47	1692			
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 409 4 0 2068
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3.06000+	6 0.0 + 0	0	9
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3.40248+	6 1.00000+ 0 2.00000+ 7 1.00000+ 0		0
0.0	+ 0 0.0 + 0	0	1
	18	0	18 409 5 16 2137
	2	0	0
3.40248+	6 5.61200+ 5 4.00000+ 6 6.08600+ 5 5.00000+ 6 6.80400+ 5 409 5 16 2139		409 5 16 2136
6.00000+	6 7.45400+ 5 7.00000+ 6 8.05100+ 5 8.00000+ 6 8.60700+ 5 409 5 16 2140		409 5 16 2135
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1.80000+	7 1.29100+ 6 1.90000+ 7 1.32600+ 6 2.00000+ 7 1.36100+ 6 409 5 16 2144		409 5 0 2145
4.00900+	3 8.93480+ 0	0	0
0.0	+ 0 0.0 + 0	0	1
	2	0	0
1.74940+	6 1.00000+ 0 2.00000+ 7 1.00000+ 0		0
0.0	+ 0 0.0 + 0	0	1
	19	0	19 409 5 24 2150
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	3	0	3 409 5 24 2152
0.0	+ 0 0.0 + 0 3.45000+ 5 2.89850- 6 6.90000+ 5 0.0		0 409 5 24 2153
0.0	+ 0 3.00000+ 6	0	1
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	2	0	0
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1.18130+	6 3.10470- 7 1.24690+ 6 1.87310- 7 1.31250+ 6 0.0 + 0 409 5 24 2162		0 409 5 24 2162
0.0	+ 0 4.00000+ 6	0	1
	21	0	21 409 5 24 2164
	2	0	0
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5.18590+	5 9.66580- 7 6.05020+ 5 1.07490- 6 6.91460+ 5 1.07490- 6 409 5 24 2168		0 409 5 24 2168
7.77890+	5 1.07490- 6 8.64320+ 5 1.00800- 6 9.50750+ 5 9.15170- 7 409 5 24 2169		0 409 5 24 2169

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0.0	+ 0	5.00000+	6	0	0	0	0	1		21	409	5	24	2173	
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3.48770+	5	6.39770-	7	4.65030+	5	6.68200-	7	5.81290+	5	6.68150-	7	409	5	24	2185
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1.39510+	6	4.79460-	7	1.51130+	6	4.15870-	7	1.62760+	6	3.49800-	7	409	5	24	2188
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0.0	+ 0	7.00000+	6	0	0	0	1		21	409	5	24	2191		
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3.87570+	5	5.93220-	7	5.16770+	5	5.93150-	7	6.45960+	5	5.93100-	7	409	5	24	2194
7.75150+	5	5.93060-	7	9.04340+	5	5.93060-	7	1.03350+	5	6.93040-	7	409	5	24	2195
1.16270+	6	5.81160-	7	1.29190+	6	5.31880-	7	1.42110+	6	4.53960-	7	409	5	24	2196
1.55030+	6	3.98860-	7	1.67450+	6	3.41410-	7	1.80870+	6	2.81600-	7	409	5	24	2197
1.93790+	6	2.50210-	7	2.06710+	6	1.86990-	7	2.19630+	6	1.53420-	7	409	5	24	2198
2.32540+	6	8.69050-	8	2.45460+	6	5.20510-	8	2.58380+	6	0.0	+ 0	409	5	24	2199
0.0	+ 0	8.00000+	6	0	0	0	1		21	409	5	24	2200		
21	2	0	0	0	0	0	0		0	409	5	24	2201		
0.0	+ 0	0.0	+ 0	1.41410+	5	3.88320-	7	2.82820+	5	5.10700-	7	409	5	24	2202
4.24230+	5	5.39020-	7	5.65640+	5	5.38920-	7	7.07050+	5	5.38890-	7	409	5	24	2203
8.48450+	5	5.38870-	7	9.89860+	5	5.38830-	7	1.13130+	6	5.38780-	7	409	5	24	2204
1.27270+	6	5.28030-	7	1.41410+	6	4.60720-	7	1.55550+	6	4.12910-	7	409	5	24	2205
1.69690+	6	3.62900-	7	1.83830+	6	3.10780-	7	1.97970+	6	2.56450-	7	409	5	24	2206
2.12110+	6	1.99930-	7	2.26250+	6	1.70390-	7	2.40400+	6	1.10480-	7	409	5	24	2207
2.54540+	6	7.93990-	8	2.68680+	6	4.73900-	8	2.82820+	6	0.0	+ 0	409	5	24	2208
0.0	+ 0	9.00000+	6	0	0	0	1		21	409	5	24	2209		
21	2	0	0	0	0	0	0		0	409	5	24	2210		
0.0	+ 0	0.0	+ 0	1.53100+	5	3.94860-	7	3.04200+	5	4.94420-	7	409	5	24	2211
4.59300+	5	4.94150-	7	6.12390+	5	4.94060-	7	7.65490+	5	4.94030-	7	409	5	24	2212
9.18590+	5	4.93990-	7	1.07170+	6	4.93960-	7	1.22480+	6	4.93900-	7	409	5	24	2213
1.37790+	6	4.64200-	7	1.53100+	6	4.22560-	7	1.68410+	6	3.78810-	7	409	5	24	2214
1.83720+	6	3.33000-	7	1.99030+	6	2.85380-	7	2.14340+	6	2.355590-	7	409	5	24	2215
2.29650+	6	1.83720-	7	2.44960+	6	1.56620-	7	2.60270+	6	1.01690-	7	409	5	24	2216
2.75580+	6	7.29820-	8	2.90890+	6	4.38390-	8	3.06200+	6	0.0	+ 0	409	5	24	2217
0.0	+ 0	1.00000+	7	0	0	0	1		21	409	5	24	2218		
21	2	0	0	0	0	0	0		0	409	5	24	2219		
0.0	+ 0	0.0	+ 0	1.64380+	5	4.19330-	7	3.28750+	5	4.62930-	7	409	5	24	2220
4.93130+	5	4.62640-	7	6.57510+	5	4.62560-	7	8.21890+	5	4.62520-	7	409	5	24	2221
9.86260+	5	4.62490-	7	1.15060+	6	4.62460-	7	1.31500+	6	4.62420-	7	409	5	24	2222
1.47940+	6	4.34660-	7	1.64380+	6	3.76030-	7	1.80820+	6	3.34310-	7	409	5	24	2223
1.97250+	6	2.90640-	7	2.13690+	6	2.45040-	7	2.30130+	6	2.20990-	7	409	5	24	2224
2.46570+	6	1.72420-	7	2.63000+	6	1.47020-	7	2.79440+	6	9.55060-	8	409	5	24	2225
2.95880+	6	6.84490-	8	3.12320+	6	4.11710-	8	3.28750+	6	0.0	+ 0	409	5	24	2226
0.0	+ 0	1.10000+	7	0	0	0	1		21	409	5	24	2227		
21	2	0	0	0	0	0	0		0	409	5	24	2228		
0.0	+ 0	0.0	+ 0	1.75320+	5	3.91770-	7	3.50650+	5	4.34040-	7	409	5	24	2229
5.25970+	5	4.33750-	7	7.01300+	5	4.33650-	7	8.76620+	5	4.33600-	7	409	5	24	2230
1.05190+	6	4.33580-	7	1.22730+	6	4.33550-	7	1.40260+	6	4.33490-	7	409	5	24	2231

1.57790+	6	4.07460-	7	1.75320+	6	3.52760-	7	1.92860+	6	3.13690-	7	409	5	24	2232
2.10390+	6	2.72770-	7	2.27920+	6	2.30060-	7	2.45450+	6	2.07470-	7	409	5	24	2233
2.62990+	6	1.61980-	7	2.80520+	6	1.37750-	7	2.98050+	6	8.97460-	8	409	5	24	2234
3.15580+	6	6.45080-	8	3.33120+	6	3.81030-	8	3.50650+	6	0.0	+ 0	409	5	24	2235
0.0	+ 0	1.20000+	7	0	0	0	1	0	21	409	5	24	2236		
21	2	0	0	0	0	0	0	0	0	409	5	24	2237		
0.0	+ 0	0.0	+ 0	1.86000+	5	4.14840-	7	3.71990+	5	4.10270-	7	409	5	24	2238
5.57990+	5	4.09970-	7	7.43980+	5	4.09860-	7	9.29980+	5	4.09820-	7	409	5	24	2239
1.11600+	6	4.09800-	7	1.30200+	6	4.09750-	7	1.48800+	6	4.09640-	7	409	5	24	2240
1.67400+	6	3.68620-	7	1.86000+	6	3.33540-	7	2.04600+	6	2.96730-	7	409	5	24	2241
2.23200+	6	2.58100-	7	2.41790+	6	2.17710-	7	2.60390+	6	1.75500-	7	409	5	24	2242
2.78990+	6	1.53290-	7	2.97590+	6	1.08390-	7	3.16190+	6	8.48520-	8	409	5	24	2243
3.34790+	6	6.08160-	8	3.53390+	6	3.49870-	8	3.71990+	6	0.0	+ 0	409	5	24	2244
0.0	+ 0	1.30000+	7	0	0	0	1	0	21	409	5	24	2245		
21	2	0	0	0	0	0	0	0	0	409	5	24	2246		
0.0	+ 0	0.0	+ 0	1.96430+	5	3.95090-	7	3.92870+	5	3.88260-	7	409	5	24	2247
5.89300+	5	3.87950-	7	7.85740+	5	3.87850-	7	9.82170+	5	3.87800-	7	409	5	24	2248
1.17860+	6	3.87780-	7	1.37500+	6	3.87740-	7	1.57150+	6	3.87490-	7	409	5	24	2249
1.76790+	6	3.48910-	7	1.96430+	6	3.15770-	7	2.16080+	6	2.80930-	7	409	5	24	2250
2.35720+	6	2.44480-	7	2.55360+	6	2.06300-	7	2.75010+	6	1.66360-	7	409	5	24	2251
2.94650+	6	1.45320-	7	3.14290+	6	1.02760-	7	3.33940+	6	8.04980-	8	409	5	24	2252
3.53580+	6	5.77680-	8	3.73220+	6	3.37240-	8	3.92870+	6	0.0	+ 0	409	5	24	2253
0.0	+ 0	1.40000+	7	0	0	0	1	0	21	409	5	24	2254		
21	2	0	0	0	0	0	0	0	0	409	5	24	2255		
0.0	+ 0	0.0	+ 0	2.06670+	5	3.78440-	7	4.13340+	5	3.73380-	7	409	5	24	2256
6.20010+	5	3.73050-	7	8.26680+	5	3.72950-	7	1.03340+	6	3.72910-	7	409	5	24	2257
1.24000+	6	3.72900-	7	1.44670+	6	3.72860-	7	1.65340+	6	3.65640-	7	409	5	24	2258
1.86000+	6	3.35610-	7	2.06670+	6	2.87730-	7	2.27340+	6	2.53510-	7	409	5	24	2259
2.48000+	6	2.17620-	7	2.68670+	6	1.98630-	7	2.89340+	6	1.60220-	7	409	5	24	2260
3.10010+	6	1.39990-	7	3.30670+	6	9.90130-	8	3.51340+	6	7.75990-	8	409	5	24	2261
3.72010+	6	5.54720-	8	3.92670+	6	3.11260-	8	4.13340+	6	0.0	+ 0	409	5	24	2262
0.0	+ 0	1.50000+	7	0	0	0	1	0	21	409	5	24	2263		
21	2	0	0	0	0	0	0	0	0	409	5	24	2264		
0.0	+ 0	0.0	+ 0	2.16730+	5	3.63820-	7	4.33460+	5	3.58520-	7	409	5	24	2265
6.50190+	5	3.58190-	7	8.66920+	5	3.58100-	7	1.08370+	6	3.58050-	7	409	5	24	2266
1.30040+	6	3.58020-	7	1.51710+	6	3.57990-	7	1.73380+	6	3.51050-	7	409	5	24	2267
1.95060+	6	3.07600-	7	2.16730+	6	2.76400-	7	2.38400+	6	2.43610-	7	409	5	24	2268
2.60080+	6	2.09170-	7	2.81750+	6	1.90870-	7	3.03420+	6	1.54070-	7	409	5	24	2269
3.25100+	6	1.34520-	7	3.46770+	6	9.52420-	8	3.68440+	6	7.45640-	8	409	5	24	2270
3.90120+	6	5.35790-	8	4.11790+	6	1.06590-	8	4.33460+	6	0.0	+ 0	409	5	24	2271
0.0	+ 0	1.60000+	7	0	0	0	1	0	21	409	5	24	2272		
21	2	0	0	0	0	0	0	0	0	409	5	24	2273		
0.0	+ 0	0.0	+ 0	2.26640+	5	3.50940-	7	4.53270+	5	3.45520-	7	409	5	24	2274
6.79910+	5	3.45200-	7	9.06540+	5	3.45120-	7	7.11320+	6	3.45060-	7	409	5	24	2275
1.35980+	6	3.45040-	7	1.58640+	6	3.44970-	7	1.81310+	6	3.38300-	7	409	5	24	2276
2.03970+	6	2.96510-	7	2.26640+	6	2.66510-	7	2.49300+	6	2.34910-	7	409	5	24	2277
2.71960+	6	2.01760-	7	2.94630+	6	1.67020-	7	3.17290+	6	1.48640-	7	409	5	24	2278
3.39950+	6	1.11420-	7	3.62620+	6	9.19010-	8	3.85280+	6	7.19890-	8	409	5	24	2279
4.07940+	6	5.13570-	8	4.30610+	6	1.02000-	8	4.53270+	6	0.0	+ 0	409	5	24	2280
0.0	+ 0	1.70000+	7	0	0	0	1	0	21	409	5	24	2281		
21	2	0	0	0	0	0	0	0	0	409	5	24	2282		
0.0	+ 0	0.0	+ 0	2.36400+	5	2.96400-	7	4.72800+	5	3.34550-	7	409	5	24	2283
7.09200+	5	3.34190-	7	9.45610+	5	3.34100-	7	1.18200+	6	3.34040-	7	409	5	24	2284
1.41840+	6	3.34020-	7	1.65480+	6	3.33980-	7	1.89120+	6	3.27230-	7	409	5	24	2285
2.12760+	6	2.87140-	7	2.36400+	6	2.58120-	7	2.60040+	6	2.27600-	7	409	5	24	2286
2.83680+	6	1.95520-	7	3.07320+	6	1.61900-	7	3.30960+	6	1.44120-	7	409	5	24	2287
3.54600+	6	1.08070-	7	3.78240+	6	8.91380-	8	4.01880+	6	6.98930-	8	409	5	24	2288
4.25520+	6	4.98050-	8	4.49160+	6	1.02980-	8	4.72800+	6	0.0	+ 0	409	5	24	2289
0.0	+ 0	1.80000+	7	0	0	0	1	0	21	409	5	24	2290		
21	2	0	0	0	0	0	0	0	0	409	5	24	2291		
0.0	+ 0	0.0	+ 0	2.46040+	5	2.84810-	7	4.92080+	5	3.22330-	7	409	5	24	2292
7.38130+	5	3.21990-	7	9.84170+	5	3.21890-	7	1.23020+	6	3.21840-	7	409	5	24	2293

1.47620+	6	3.21810-	7	1.72230+	6	3.21780-	7	1.96830+	6	3.03100-	7	409	5	24	2294
2.21440+	6	2.76760-	7	2.46040+	6	2.48800-	7	2.70650+	6	2.19400-	7	409	5	24	2295
2.95250+	6	1.88550-	7	3.19850+	6	1.56120-	7	3.44460+	6	1.39010-	7	409	5	24	2296
3.69060+	6	1.04310-	7	3.93670+	6	8.60630-	8	4.18270+	6	6.75110-	8	409	5	24	2297
4.42880+	6	4.84550-	8	4.67480+	6	9.81490-	9	4.92080+	6	0.0	+ 0	409	5	24	2298
0.0	+ 0	1.90000+	7	0	0	0	1	0	21	409	5	24	2299		
21	2	0	0	0	0	0	0	0	0	409	5	24	2300		
0.0	+ 0	0.0	+ 0	2.55570+	5	2.73510-	7	5.11140+	5	3.10330-	7	409	5	24	2301
7.66710+	5	3.09980-	7	1.02230+	6	3.09890-	7	1.27780+	6	3.09860-	7	409	5	24	2302
1.53340+	6	3.09830-	7	1.78900+	6	3.09790-	7	2.04450+	6	2.91850-	7	409	5	24	2303
2.30010+	6	2.66480-	7	2.55570+	6	2.39410-	7	2.81130+	6	2.11320-	7	409	5	24	2304
3.06680+	6	1.81650-	7	3.32240+	6	1.50480-	7	3.57800+	6	1.34000-	7	409	5	24	2305
3.83350+	6	1.00510-	7	4.08910+	6	8.30320-	8	4.34470+	6	6.50790-	8	409	5	24	2306
4.60020+	6	4.63710-	8	4.85580+	6	9.50430-	9	5.11140+	6	0.0	+ 0	409	5	24	2307
0.0	+ 0	2.00000+	7	0	0	0	1	0	21	409	5	24	2308		
21	2	0	0	0	0	0	0	0	0	409	5	24	2309		
0.0	+ 0	0.0	+ 0	2.64990+	5	2.65060-	7	5.29990+	5	3.01520-	7	409	5	24	2310
7.94980+	5	3.01150-	7	1.00000+	6	3.01070-	7	1.32500+	6	3.01020-	7	409	5	24	2311
1.59000+	6	3.00990-	7	1.85490+	6	3.00930-	7	2.11990+	6	2.83550-	7	409	5	24	2312
2.38490+	6	2.58750-	7	2.64990+	6	2.19720-	7	2.91490+	6	1.91590-	7	409	5	24	2313
3.17990+	6	1.76590-	7	3.44490+	6	1.46320-	7	3.70990+	6	1.30240-	7	409	5	24	2314
3.97490+	6	9.77690-	8	4.23990+	6	8.07070-	8	4.50490+	6	6.33610-	8	409	5	24	2315
4.76990+	6	4.43060-	8	5.03490+	6	9.05000-	9	5.29990+	6	0.0	+ 0	409	5	24	2316
0	409	5	0	2317											
4.00900+	3	8.93476+	0	0	0	0	1	0	409	5	46	2318			
0.0	+ 0	0.0	+ 0	0	0	1	1	2	409	5	46	2319			
2	2	0	0	0	0	0	0	0	409	5	46	2320			
1.86803+	6	1.000000+	0	2.000000+	7	1.000000+	0	0	409	5	46	2321			
0.0	+ 0	0.0	+ 0	0	0	0	1	20	409	5	46	2322			
20	2	0	0	0	0	0	0	0	409	5	46	2323			
0.0	+ 0	1.86803+	6	0	0	0	1	3	409	5	46	2324			
3	2	0	0	0	0	0	0	0	409	5	46	2325			
0.0	+ 0	0.0	+ 0	6.57190+	3	1.52160-	4	1.31440+	4	0.0	+ 0	409	5	46	2326
0.0	+ 0	2.000000+	6	0	0	0	1	21	409	5	46	2327			
21	2	0	0	0	0	0	0	0	409	5	46	2328			
0.0	+ 0	0.0	+ 0	4.30900+	3	1.53490-	5	8.61790+	3	1.49000-	5	409	5	46	2329
1.29270+	4	1.56030-	5	1.72360+	4	1.73180-	5	2.15450+	4	1.55430-	5	409	5	46	2330
2.58540+	4	1.28370-	5	3.01630+	4	1.30460-	5	3.44720+	4	1.61030-	5	409	5	46	2331
3.87810+	4	1.58730-	5	4.30900+	4	1.56150-	5	4.73980+	4	1.52060-	5	409	5	46	2332
5.17070+	4	1.47680-	5	5.60160+	4	1.43350-	5	6.03250+	4	9.18060-	6	409	5	46	2333
6.46340+	4	8.90850-	6	6.89430+	4	8.68170-	6	7.32520+	4	3.12300-	6	409	5	46	2334
7.75610+	4	3.02190-	6	8.18700+	4	2.66450-	6	8.61790+	4	0.0	+ 0	409	5	46	2335
0.0	+ 0	3.000000+	6	0	0	0	1	21	409	5	46	2336			
21	2	0	0	0	0	0	0	0	409	5	46	2337			
0.0	+ 0	0.0	+ 0	7.844400+	3	7.94440-	6	1.56880+	4	1.00510-	5	409	5	46	2338
2.35320+	4	1.24080-	5	3.13760+	4	1.28190-	5	3.92200+	4	1.24000-	5	409	5	46	2339
4.70660+	4	1.09090-	5	5.49080+	4	9.47790-	6	6.27520+	4	8.02490-	6	409	5	46	2340
7.05960+	4	7.77310-	6	7.84400+	4	6.29650-	6	8.62840+	4	6.12480-	6	409	5	46	2341
9.41280+	4	4.57700-	6	1.01970+	5	4.46000-	6	1.09820+	5	4.35830-	6	409	5	46	2342
1.17660+	5	2.74080-	6	1.25500+	5	2.68000-	6	1.33350+	5	2.61880-	6	409	5	46	2343
1.41190+	5	9.20380-	7	1.49040+	5	9.02250-	7	1.56880+	5	0.0	+ 0	409	5	46	2344
0.0	+ 0	4.000000+	6	0	0	0	1	21	409	5	46	2345			
21	2	0	0	0	0	0	0	0	409	5	46	2346			
0.0	+ 0	0.0	+ 0	1.07150+	4	6.10530-	6	2.14310+	4	7.78040-	6	409	5	46	2347
3.21460+	4	9.11310-	6	4.28610+	4	7.28310-	6	5.35760+	4	8.89200-	6	409	5	46	2348
6.42920+	4	7.82600-	6	7.50070+	4	6.80100-	6	8.57220+	4	6.58500-	6	409	5	46	2349
9.64370+	4	5.57780-	6	1.07150+	5	5.39930-	6	1.17870+	5	4.39160-	6	409	5	46	2350
1.28580+	5	4.28080-	6	1.39300+	5	3.19590-	6	1.50010+	5	3.12290-	6	409	5	46	2351
1.60730+	5	1.96320-	6	1.71440+	5	1.84730-	6	1.82160+	5	1.86640-	6	409	5	46	2352
1.92870+	5	6.55550-	7	2.03590+	5	6.38270-	7	2.14310+	5	0.0	+ 0	409	5	46	2353
0.0	+ 0	5.000000+	6	0	0	0	1	21	409	5	46	2354			
21	2	0	0	0	0	0	0	0	409	5	46	2355			

0.0	+ 0 0.0	+ 0 1.34090+	4 5.10447-	6 2.6B180+	4 6.50480-	6 409	5 46	2356
4.02260+	4 6.02300-	6 5.36350+	4 6.07710-	6 6.70440+	4 5.78840-	6 409	5 46	2357
8.04530+	4 6.41220-	6 9.38620+	4 5.67750-	6 1.07270+	5 5.49940-	6 409	5 46	2358
1.20680+	5 4.65710-	6 1.34090+	5 4.452170-	6 1.47500+	5 3.66680-	6 409	5 46	2359
1.60910+	5 3.57620-	6 1.74310+	5 2.66410-	6 1.87720+	5 2.60630-	6 409	5 46	2360
2.01130+	5 1.63820-	6 2.14540+	5 1.53490-	6 2.27950+	5 1.55400-	6 409	5 46	2361
2.41360+	5 5.47400-	7 2.54770+	5 5.24490-	7 2.68180+	5 0.0	+ 0 409	5 46	2362
0.0	+ 0 6.00000+	6 0	0	1	21 409	5 46	2363	
21	2	0	0	0	0	409	5 46	2364
0.0	+ 0 0.0	+ 0 1.60070+	4 4.42440-	6 3.20140+	4 4.98630-	6 409	5 46	2365
4.80210+	4 5.222200-	6 6.40280+	4 5.28500-	6 8.00360+	4 4.98750-	6 409	5 46	2366
9.60430+	4 4.58640-	6 1.12050+	5 4.93510-	6 1.28060+	5 4.78370-	6 409	5 46	2367
1.44060+	5 4.05390-	6 1.60070+	5 3.28140-	6 1.76080+	5 3.19220-	6 409	5 46	2368
1.92090+	5 3.11180-	6 2.08090+	5 2.29120-	6 2.24100+	5 2.26910-	6 409	5 46	2369
2.40110+	5 1.42690-	6 2.56110+	5 1.34000-	6 2.72120+	5 1.35710-	6 409	5 46	2370
2.88130+	5 4.75810-	7 3.04140+	5 4.62800-	7 3.20140+	5 0.0	+ 0 409	5 46	2371
0.0	+ 0 7.00000+	6 0	0	1	21 409	5 46	2372	
21	2	0	0	0	0	409	5 46	2373
0.0	+ 0 0.0	+ 0 1.85430+	4 3.70620-	6 3.70860+	4 4.12540-	6 409	5 46	2374
5.56290+	4 4.60320-	6 7.41720+	4 4.66020-	6 9.27160+	4 4.43830-	6 409	5 46	2375
1.11260+	5 4.05080-	6 1.29800+	5 3.55930-	6 1.48350+	5 4.22410-	6 409	5 46	2376
1.66890+	5 3.58400-	6 1.85430+	5 2.90210-	6 2.03970+	5 2.82360-	6 409	5 46	2377
2.22520+	5 2.74650-	6 2.41060+	5 2.01840-	6 2.59600+	5 2.00810-	6 409	5 46	2378
2.78150+	5 1.26230-	6 2.96690+	5 1.19120-	6 3.15230+	5 1.19920-	6 409	5 46	2379
3.33780+	5 4.21510-	7 3.52320+	5 4.04270-	7 3.70860+	5 0.0	+ 0 409	5 46	2380
0.0	+ 0 8.00000+	6 0	0	1	21 409	5 46	2381	
21	2	0	0	0	0	409	5 46	2382
0.0	+ 0 0.0	+ 0 2.10340+	4 3.464470-	6 4.20680+	4 3.18030-	6 409	5 46	2383
6.31020+	4 3.41250-	6 8.41370+	4 3.34810-	6 1.05170+	5 4.16230-	6 409	5 46	2384
1.26200+	5 3.73740-	6 1.47240+	5 3.34220-	6 1.68270+	5 3.79320-	6 409	5 46	2385
1.89310+	5 3.37100-	6 2.10340+	5 2.72250-	6 2.31380+	5 2.65660-	6 409	5 46	2386
2.52410+	5 2.35490-	6 2.73440+	5 1.89450-	6 2.94480+	5 1.88940-	6 409	5 46	2387
3.15510+	5 1.18870-	6 3.36550+	5 1.12540-	6 3.57580+	5 1.12350-	6 409	5 46	2388
3.78610+	5 3.96050-	7 3.99650+	5 3.78740-	7 4.20680+	5 0.0	+ 0 409	5 46	2389
0.0	+ 0 9.00000+	6 0	0	1	21 409	5 46	2390	
21	2	0	0	0	0	409	5 46	2391
0.0	+ 0 0.0	+ 0 2.34910+	4 3.07620-	6 4.69810+	4 3.02260-	6 409	5 46	2392
7.04720+	4 3.24010-	6 9.39620+	4 2.87000-	6 1.17450+	5 2.99860-	6 409	5 46	2393
1.40940+	5 3.62430-	6 1.64430+	5 3.18790-	6 1.87920+	5 2.68270-	6 409	5 46	2394
2.11410+	5 3.21000-	6 2.34910+	5 2.59370-	6 2.58400+	5 2.53610-	6 409	5 46	2395
2.81890+	5 1.89550-	6 3.05380+	5 1.80570-	6 3.28870+	5 1.80410-	6 409	5 46	2396
3.52360+	5 1.13530-	6 3.75850+	5 1.07390-	6 3.99340+	5 1.07830-	6 409	5 46	2397
4.22830+	5 3.74060-	7 4.46320+	5 3.61460-	7 4.69810+	5 0.0	+ 0 409	5 46	2398
0.0	+ 0 1.00000+	7 0	0	1	21 409	5 46	2399	
21	2	0	0	0	0	409	5 46	2400
0.0	+ 0 0.0	+ 0 2.59190+	4 2.82000-	6 5.18380+	4 2.77260-	6 409	5 46	2401
7.77580+	4 2.96830-	6 1.03680+	5 2.63600-	6 1.29600+	5 2.38200-	6 409	5 46	2402
1.55520+	5 3.33300-	6 1.81430+	5 2.86860-	6 2.07350+	5 2.47000-	6 409	5 46	2403
2.33270+	5 2.81950-	6 2.59190+	5 2.38850-	6 2.85110+	5 2.33730-	6 409	5 46	2404
3.11030+	5 1.74790-	6 3.36950+	5 1.66330-	6 3.62870+	5 1.66380-	6 409	5 46	2405
3.88790+	5 1.04660-	6 4.14710+	5 9.93180-	7 4.40630+	5 9.94840-	7 409	5 46	2406
4.66550+	5 3.46770-	7 4.92470+	5 3.29270-	7 5.18380+	5 0.0	- 0 409	5 46	2407
0.0	+ 0 1.10000+	7 0	0	1	21 409	5 46	2408	
21	2	0	0	0	0	409	5 46	2409
0.0	+ 0 0.0	+ 0 2.83250+	4 2.67600-	6 5.66500+	4 2.63020-	6 409	5 46	2410
8.49750+	4 2.57340-	6 1.13300+	5 2.50600-	6 1.41630+	5 2.25820-	6 409	5 46	2411
1.69950+	5 2.34460-	6 1.98280+	5 2.72390-	6 2.26600+	5 2.35390-	6 409	5 46	2412
2.54930+	5 2.31930-	6 2.83250+	5 2.27950-	6 3.11580+	5 2.23150-	6 409	5 46	2413
3.39900+	5 1.66980-	6 3.68230+	5 1.58680-	6 3.96550+	5 1.58820-	6 409	5 46	2414
4.24880+	5 1.00170-	6 4.53200+	5 9.47910-	7 4.81530+	5 9.56710-	7 409	5 46	2415
5.09850+	5 3.31710-	7 5.38180+	5 3.25420-	7 5.66500+	5 0.0	+ 0 409	5 46	2416
0.0	+ 0 1.20000+	7 0	0	1	21 409	5 46	2417	

21	2	0	0	0	0	0	409	5	46	2418					
0.0	+ 0	0.0	+ 0	3.07120+	4	2.44860-	6	6.14230+	4	2.41180-	6	409	5	46	2419
9.21350+	4	2.36350-	6	1.22850+	5	2.30230-	6	1.53560+	5	2.08940-	6	409	5	46	2420
1.84270+	5	2.15590-	6	2.14980+	5	2.57160-	6	2.45690+	5	2.16690-	6	409	5	46	2421
2.76400+	5	2.13560-	6	3.07120+	5	2.09710-	6	3.37830+	5	2.05660-	6	409	5	46	2422
3.68540+	5	1.53860-	6	3.99250+	5	1.46050-	6	4.29960+	5	1.46370-	6	409	5	46	2423
4.60670+	5	9.23350-	7	4.91380+	5	8.72770-	7	5.22100+	5	8.81940-	7	409	5	46	2424
5.52810+	5	3.14190-	7	5.83520+	5	3.06810-	7	6.14230+	5	0.0	+ 0	409	5	46	2425
0.0	+ 0	1.30000+	7	0	0	0	1	0	21	409	5	46	2426		
21	2	0	0	0	0	0	0	0	0	409	5	46	2427		
0.0	+ 0	0.0	+ 0	3.30810+	4	1.96730-	6	6.61630+	4	1.95710-	6	409	5	46	2428
9.92440+	4	1.81990-	6	1.32330+	5	2.22410-	6	1.65410+	5	2.04860-	6	409	5	46	2429
1.98490+	5	2.08260-	6	2.31570+	5	2.50320-	6	2.64650+	5	2.05230-	6	409	5	46	2430
2.97730+	5	2.08040-	6	3.30810+	5	1.90850-	6	3.63900+	5	2.00540-	6	409	5	46	2431
3.96980+	5	1.50140-	6	4.30060+	5	1.42190-	6	4.63140+	5	1.42690-	6	409	5	46	2432
4.96220+	5	9.02450-	7	5.29300+	5	8.50790-	7	5.62390+	5	8.83480-	7	409	5	46	2433
5.95470+	5	3.01840-	7	6.28550+	5	2.90330-	7	6.61630+	5	0.0	+ 0	409	5	46	2434
0.0	+ 0	1.40000+	7	0	0	0	1	0	21	409	5	46	2435		
21	2	0	0	0	0	0	0	0	0	409	5	46	2436		
0.0	+ 0	0.0	+ 0	3.54370+	4	1.89820-	6	7.08740+	4	1.89100-	6	409	5	46	2437
1.06310+	5	1.75750-	6	1.41750+	5	2.14210-	6	1.77180+	5	1.98020-	6	409	5	46	2438
2.12620+	5	1.99200-	6	2.48060+	5	1.72660-	6	2.83500+	5	1.95940-	6	409	5	46	2439
3.18930+	5	2.01390-	6	3.54370+	5	1.56840-	6	3.89810+	5	1.94230-	6	409	5	46	2440
4.25240+	5	1.45420-	6	4.60680+	5	1.37640-	6	4.96120+	5	1.38610-	6	409	5	46	2441
5.31550+	5	8.74070-	7	5.66990+	5	8.27550-	7	6.02430+	5	8.53800-	7	409	5	46	2442
6.37860+	5	2.93960-	7	6.73300+	5	2.81730-	7	7.08740+	5	0.0	+ 0	409	5	46	2443
0.0	+ 0	1.50000+	7	0	0	0	1	0	21	409	5	46	2444		
21	2	0	0	0	0	0	0	0	0	409	5	46	2445		
0.0	+ 0	0.0	+ 0	3.77800+	4	1.81110-	6	7.55590+	4	1.80490-	6	409	5	46	2446
1.13340+	5	1.67830-	6	1.51120+	5	1.56110-	6	1.88900+	5	1.89220-	6	409	5	46	2447
2.26680+	5	1.89490-	6	2.64460+	5	1.65110-	6	3.02240+	5	1.87050-	6	409	5	46	2448
3.40020+	5	1.92710-	6	3.77800+	5	1.50020-	6	4.15580+	5	1.85920-	6	409	5	46	2449
4.53360+	5	1.39360-	6	4.91130+	5	1.31710-	6	5.28910+	5	1.32830-	6	409	5	46	2450
5.66690+	5	8.36480-	7	6.04470+	5	7.90720-	7	6.42250+	5	8.04340-	7	409	5	46	2451
6.80030+	5	2.81960-	7	7.17810+	5	2.66350-	7	7.55590+	5	0.0	+ 0	409	5	46	2452
0.0	+ 0	1.60000+	7	0	0	0	1	0	21	409	5	46	2453		
21	2	0	0	0	0	0	0	0	0	409	5	46	2454		
0.0	+ 0	0.0	+ 0	4.01110+	4	1.71800-	6	8.02220+	4	1.71270-	6	409	5	46	2455
1.20330+	5	1.59240-	6	1.60440+	5	1.48430-	6	2.00550+	5	1.79800-	6	409	5	46	2456
2.40670+	5	1.51380-	6	2.80780+	5	1.56940-	6	3.20890+	5	1.84920-	6	409	5	46	2457
3.61000+	5	1.83310-	6	4.01110+	5	1.42580-	6	4.41220+	5	1.76350-	6	409	5	46	2458
4.81330+	5	1.32600-	6	5.21440+	5	1.25210-	6	5.61550+	5	1.26410-	6	409	5	46	2459
6.01660+	5	7.96170-	7	6.41780+	5	7.50290-	7	6.81890+	5	7.54440-	7	409	5	46	2460
7.22000+	5	2.65480-	7	7.62110+	5	2.62190-	7	8.02220+	5	0.0	+ 0	409	5	46	2461
0.0	+ 0	1.70000+	7	0	0	0	1	0	21	409	5	46	2462		
21	2	0	0	0	0	0	0	0	0	409	5	46	2463		
0.0	+ 0	0.0	+ 0	4.24320+	4	1.63980-	6	8.48640+	4	1.47550-	6	409	5	46	2464
1.27300+	5	1.51420-	6	1.69730+	5	1.42390-	6	2.12160+	5	1.71810-	6	409	5	46	2465
2.54590+	5	1.45270-	6	2.97020+	5	1.50090-	6	3.39460+	5	1.76910-	6	409	5	46	2466
3.81890+	5	1.72130-	6	4.24320+	5	1.36430-	6	4.66750+	5	1.59660-	6	409	5	46	2467
5.09180+	5	1.27130-	6	5.51620+	5	1.19850-	6	5.94050+	5	1.21030-	6	409	5	46	2468
6.36480+	5	7.65340-	7	6.78910+	5	7.18900-	7	7.21340+	5	7.27930-	7	409	5	46	2469
7.63780+	5	2.55190-	7	8.06210+	5	2.43370-	7	8.48640+	5	0.0	+ 0	409	5	46	2470
0.0	+ 0	1.80000+	7	0	0	0	1	0	21	409	5	46	2471		
21	2	0	0	0	0	0	0	0	0	409	5	46	2472		
0.0	+ 0	0.0	+ 0	4.47440+	4	1.42130-	6	8.94880+	4	1.46290-	6	409	5	46	2473
1.34230+	5	1.49850-	6	1.78980+	5	1.42380-	6	2.32720+	5	1.69940-	6	409	5	46	2474
2.68460+	5	1.46250-	6	3.13210+	5	1.48980-	6	3.57950+	5	1.17290-	6	409	5	46	2475
4.02700+	5	1.67980-	6	4.47440+	5	1.35420-	6	4.92180+	5	1.34990-	6	409	5	46	2476
5.36930+	5	1.26380-	6	5.81670+	5	1.18920-	6	6.26410+	5	1.20030-	6	409	5	46	2477
6.71160+	5	7.59670-	7	7.15900+	5	7.11100-	7	7.60650+	5	7.15430-	7	409	5	46	2478
8.05390+	5	2.54520-	7	8.50130+	5	2.40560-	7	8.94880+	5	0.0	+ 0	409	5	46	2479

0.0	+ 0	1.90000+	7	0	0	1	21	409	5	46	2480				
21	2	0	0	0	0	0	0	409	5	46	2481				
0.0	+ 0	0.0	+ 0	4.70470+	4	1.37730-	6	9.40950+	4	1.41790-	6	409	5	46	2482
-1.41140+	5	1.45110-	6	1.88190+	5	1.38090-	6	2.35240+	5	1.19960-	6	409	5	46	2483
2.82280+	5	1.43110-	6	3.29330+	5	1.41990-	6	3.76380+	5	1.13750-	6	409	5	46	2484
4.23430+	5	1.61520-	6	4.70470+	5	1.31530-	6	5.17520+	5	1.31150-	6	409	5	46	2485
5.64570+	5	1.22850-	6	6.11620+	5	1.15700-	6	6.58660+	5	1.17180-	6	409	5	46	2486
7.05710+	5	7.39110-	7	7.52760+	5	6.91970-	7	7.99810+	5	7.22330-	7	409	5	46	2487
8.46850+	5	2.47290-	7	8.93900+	5	2.40110-	7	9.40950+	5	0.0	+ 0	409	5	46	2488
0.0	+ 0	2.00000+	7	0	0	1	21	409	5	46	2489				
21	2	0	0	0	0	0	0	409	5	46	2490				
0.0	+ 0	0.0	+ 0	4.93430+	4	1.31700-	6	9.86860+	4	1.35620-	6	409	5	46	2491
1.48030+	5	1.38750-	6	1.97370+	5	1.32140-	6	2.46720+	5	1.14150-	6	409	5	46	2492
2.96060+	5	1.37030-	6	3.45400+	5	1.34930-	6	3.94740+	5	1.08820-	6	409	5	46	2493
4.44090+	5	1.53930-	6	4.93430+	5	1.25950-	6	5.42770+	5	1.25730-	6	409	5	46	2494
5.92120+	5	1.17610-	6	6.41460+	5	1.10810-	6	6.90800+	5	1.11950-	6	409	5	46	2495
7.40150+	5	7.08420-	7	7.89490+	5	6.60430-	7	8.38830+	5	6.41990-	7	409	5	46	2496
8.88180+	5	2.37170-	7	9.37520+	5	2.27220-	7	9.86860+	5	0.0	+ 0	409	5	46	2497
												409	5	0	2498
4.00900+	3	8.93476+	0	0	0	1	0	409	5	47	2499				
0.0	+ 0	0.0	+ 0	0	1	1	2	409	5	47	2500				
2	2	0	0	0	0	0	0	409	5	47	2501				
2.70086+	6	1.00000+	0	2.00000+	7	1.00000+	0					409	5	47	2502
0.0	+ 0	0.0	+ 0	0	0	1	19	409	5	47	2503				
19	2	0	0	0	0	0	0	409	5	47	2504				
0.0	+ 0	2.70086+	6	0	0	1	3	409	5	47	2505				
3	2	0	0	0	0	0	0	409	5	47	2506				
0.0	+ 0	0.0	+ 0	3.39170+	5	2.94840-	6	6.78330+	5	0.0	+ 0	409	5	47	2507
0.0	+ 0	3.00000+	6	0	0	1	21	409	5	47	2508				
21	2	0	0	0	0	0	0	409	5	47	2509				
0.0	+ 0	0.0	+ 0	5.54410+	4	0.0	+ 0	1.10880+	5	0.0	+ 0	409	5	47	2510
1.66320+	5	0.0	+ 0	2.21760+	5	0.0	+ 0	2.77200+	5	0.0	+ 0	409	5	47	2511
3.32640+	5	0.0	+ 0	3.88090+	5	5.51090-	7	4.43530+	5	1.02720-	6	409	5	47	2512
4.98970+	5	1.66780-	6	5.54410+	5	1.74340-	6	6.09850+	5	1.57530-	6	409	5	47	2513
6.65290+	5	1.64500-	6	7.20730+	5	1.71780-	6	7.76170+	5	1.79430-	6	409	5	47	2514
8.31610+	5	1.83190-	6	8.87050+	5	1.74350-	6	9.42490+	5	1.43650-	6	409	5	47	2515
9.97930+	5	8.13580-	7	1.05340+	6	4.90060-	7	1.10880+	6	0.0	+ 0	409	5	47	2516
0.0	+ 0	4.00000+	6	0	0	1	21	409	5	47	2517				
21	2	0	0	0	0	0	0	409	5	47	2518				
0.0	+ 0	0.0	+ 0	6.49600+	4	0.0	+ 0	1.29880+	5	0.0	+ 0	409	5	47	2519
1.94820+	5	0.0	+ 0	2.59760+	5	4.46780-	8	3.24700+	5	4.66790-	7	409	5	47	2520
3.89640+	5	8.222390-	7	4.54580+	5	1.08200-	6	5.19520+	5	1.35580-	6	409	5	47	2521
5.84460+	5	1.48240-	6	6.49400+	5	1.44430-	6	7.14340+	5	1.51950-	6	409	5	47	2522
7.79280+	5	1.43200-	6	8.44220+	5	1.42110-	6	9.09160+	5	1.28180-	6	409	5	47	2523
9.74100+	5	1.00020-	6	1.03900+	6	8.52760-	7	1.10400+	6	5.53770-	7	409	5	47	2524
1.16890+	6	3.98620-	7	1.23390+	6	2.40790-	7	1.29880+	6	0.0	+ 0	409	5	47	2525
0.0	+ 0	5.00000+	6	0	0	1	21	409	5	47	2526				
21	2	0	0	0	0	0	0	409	5	47	2527				
0.0	+ 0	0.0	+ 0	7.21570+	4	0.0	+ 0	1.44310+	5	0.0	+ 0	409	5	47	2528
2.16470+	5	1.01370-	7	2.88630+	5	4.10020-	7	3.60780+	5	6.77290-	7	409	5	47	2529
4.32940+	5	9.72870-	7	5.05100+	5	1.19010-	6	5.77260+	5	1.38150-	6	409	5	47	2530
6.49410+	5	1.26250-	6	7.21570+	5	1.33740-	6	7.93730+	5	1.28510-	6	409	5	47	2531
8.65880+	5	1.16000-	6	9.38040+	5	1.05880-	6	1.01020+	6	8.54270-	7	409	5	47	2532
1.08240+	6	7.46610-	7	1.15450+	6	5.28350-	7	1.22670+	6	4.14340-	7	409	5	47	2533
1.29880+	6	2.98490-	7	1.37100+	6	1.79700-	7	1.44310+	6	0.0	+ 0	409	5	47	2534
0.0	+ 0	6.00000+	6	0	0	1	21	409	5	47	2535				
21	2	0	0	0	0	0	0	409	5	47	2536				
0.0	+ 0	0.0	+ 0	7.85000+	4	0.0	+ 0	1.57000+	5	1.80860-	8	409	5	47	2537
2.35500+	5	3.22580-	7	3.14000+	5	5.41800-	7	3.92500+	5	7.87630-	7	409	5	47	2538
4.71000+	5	9.71160-	7	5.49500+	5	1.16590-	6	6.28000+	5	1.27730-	6	409	5	47	2539
7.06500+	5	1.18360-	6	7.85000+	5	1.20550-	6	8.63500+	5	1.05110-	6	409	5	47	2540
9.41990+	5	9.68860-	7	1.02050+	..	8.02690-	7	1.09900+	6	7.14850-	7	409	5	47	2541

1.17750+ 6 5.36550- 7 1.25600+ 6 4.42920- 7 1.33450+ 6 3.47630- 7 409 5 47 2542
 1.41300+ 6 2.50470- 7 1.49150+ 6 1.50310- 7 1.57000+ 6 0.0 + 0 409 5 47 2543
 0.0 + 0 7.00000+ 6 0 0 0 1 21 409 5 47 2544
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2545
 0.0 + 0 0.0 + 0 8.43210+ 4 0.0 + 0 1.68640+ 5 1.60930- 7 409 5 47 2546
 2.52960+ 5 3.92840- 7 3.37290+ 5 6.00810- 7 4.21610+ 5 8.34520- 7 409 5 47 2547
 5.05930+ 5 1.01010- 6 5.90250+ 5 1.07950- 6 6.74570+ 5 1.15800- 6 409 5 47 2548
 7.58890+ 5 1.13890- 6 8.43210+ 5 1.06270- 6 9.27530+ 5 9.27520- 7 409 5 47 2549
 1.01190+ 6 7.85120- 7 1.09620+ 6 7.09370- 7 1.18050+ 6 5.55970- 7 409 5 47 2550
 1.26480+ 6 4.74970- 7 1.34910+ 6 3.92270- 7 1.43350+ 6 3.07920- 7 409 5 47 2551
 1.51780+ 6 2.22520- 7 1.60210+ 6 4.55080- 8 1.68640+ 6 0.0 + 0 409 5 47 2552
 0.0 + 0 8.00000+ 6 0 0 0 1 21 409 5 47 2553
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2554
 0.0 + 0 0.0 + 0 8.97820+ 4 0.0 + 0 1.79560+ 5 2.83360- 7 409 5 47 2555
 2.69350+ 5 4.66950- 7 3.59130+ 5 6.74990- 7 4.48910+ 5 8.33870- 7 409 5 47 2556
 5.38690+ 5 1.00360- 6 6.28480+ 5 1.02190- 6 7.18260+ 5 1.10280- 6 409 5 47 2557
 8.08040+ 5 1.03920- 6 8.97820+ 5 9.19100- 7 9.87610+ 5 7.92050- 7 409 5 47 2558
 1.07740+ 6 7.24040- 7 1.16720+ 6 5.86540- 7 1.25700+ 6 5.13500- 7 409 5 47 2559
 1.34670+ 6 4.38830- 7 1.43650+ 6 3.62700- 7 1.52630+ 6 2.07070- 7 409 5 47 2560
 1.61610+ 6 1.25450- 7 1.70590+ 6 4.21400- 8 1.79560+ 6 0.0 + 0 409 5 47 2561
 0.0 + 0 9.00000+ 6 0 0 0 1 21 409 5 47 2562
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2563
 0.0 + 0 0.0 + 0 9.49730+ 4 7.94150- 8 1.89950+ 5 3.46850- 7 409 5 47 2564
 2.84920+ 5 5.32140- 7 3.79890+ 5 6.76160- 7 4.74860+ 5 8.29420- 7 409 5 47 2565
 5.69840+ 5 9.94060- 7 6.64810+ 5 1.01610- 6 7.59780+ 5 1.00710- 6 409 5 47 2566
 8.54750+ 5 9.01010- 7 9.49730+ 5 7.88360- 7 1.04470+ 6 7.27630- 7 409 5 47 2567
 1.13970+ 6 6.05080- 7 1.23460+ 6 5.39540- 7 1.32960+ 6 4.72530- 7 409 5 47 2568
 1.42460+ 6 4.03950- 7 1.51960+ 6 2.64350- 7 1.61450+ 6 1.90890- 7 409 5 47 2569
 1.70950+ 6 1.15850- 7 1.80450+ 6 3.90100- 8 1.89950+ 6 0.0 + 0 409 5 47 2570
 0.0 + 0 1.00000+ 7 0 0 0 1 21 409 5 47 2571
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2572
 0.0 + 0 0.0 + 0 9.99490+ 4 1.34230- 7 1.99900+ 5 3.60490- 7 409 5 47 2573
 2.99850+ 5 5.40430- 7 3.99800+ 5 6.80820- 7 4.99750+ 5 8.30760- 7 409 5 47 2574
 5.99700+ 5 9.93170- 7 6.99650+ 5 9.76570- 7 7.99590+ 5 9.30310- 7 409 5 47 2575
 8.99540+ 5 8.32870- 7 9.99490+ 5 7.29260- 7 1.09940+ 6 6.19430- 7 409 5 47 2576
 1.19940+ 6 5.60360- 7 1.29930+ 6 4.99870- 7 1.39930+ 6 4.38060- 7 409 5 47 2577
 1.49920+ 6 3.11980- 7 1.59920+ 6 2.45390- 7 1.69910+ 6 1.77290- 7 409 5 47 2578
 1.79910+ 6 1.07510- 7 1.89900+ 6 3.63110- 8 1.99900+ 6 0.0 + 0 409 5 47 2579
 0.0 + 0 1.10000+ 7 0 0 0 1 21 409 5 47 2580
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2581
 0.0 + 0 0.0 + 0 1.04750+ 5 1.86210- 7 2.09500+ 5 4.24050- 7 409 5 47 2582
 3.14250+ 5 5.58150- 7 4.19010+ 5 6.98590- 7 5.23760+ 5 8.49500- 7 409 5 47 2583
 6.28510+ 5 9.14580- 7 7.33260+ 5 8.78650- 7 8.38010+ 5 8.33530- 7 409 5 47 2584
 9.42760+ 5 7.39420- 7 1.04750+ 6 6.88240- 7 1.15230+ 6 5.85010- 7 409 5 47 2585
 1.25700+ 6 5.29380- 7 1.36180+ 6 4.72350- 7 1.46650+ 6 3.56770- 7 409 5 47 2586
 1.57130+ 6 2.95230- 7 1.67600+ 6 2.32370- 7 1.78080+ 6 1.67960- 7 409 5 47 2587
 1.88550+ 6 1.01970- 7 1.99030+ 6 3.44690- 8 2.09500+ 6 0.0 + 0 409 5 47 2588
 0.0 + 0 1.20000+ 7 0 0 0 1 21 409 5 47 2589
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2590
 0.0 + 0 0.0 + 0 1.09410+ 5 2.33440- 7 2.18810+ 5 4.37840- 7 409 5 47 2591
 3.28220+ 5 5.71890- 7 4.37630+ 5 7.12630- 7 5.47040+ 5 7.92940- 7 409 5 47 2592
 6.56440+ 5 8.96670- 7 7.65850+ 5 8.63410- 7 8.75260+ 5 7.81340- 7 409 5 47 2593
 9.84670+ 5 6.93530- 7 1.09410+ 6 5.99990- 7 1.20350+ 6 5.49230- 7 409 5 47 2594
 1.31290+ 6 4.97200- 7 1.42230+ 6 3.91780- 7 1.53170+ 6 3.35420- 7 409 5 47 2595
 1.64110+ 6 2.77710- 7 1.75050+ 6 2.18610- 7 1.85990+ 6 1.58080- 7 409 5 47 2596
 1.96930+ 6 9.60170- 8 2.07870+ 6 3.24440- 8 2.18810+ 6 0.0 + 0 409 5 47 2597
 0.0 + 0 1.30000+ 7 0 0 0 1 21 409 5 47 2598
 21 2 0 0 0 0 0 0 0 0 0 0 0 0 409 5 47 2599
 0.0 + 0 0.0 + 0 1.13940+ 5 2.50760- 7 2.27880+ 5 4.58290- 7 409 5 47 2600
 3.41820+ 5 5.95380- 7 4.55750+ 5 6.75790- 7 5.69690+ 5 8.22310- 7 409 5 47 2601
 6.83630+ 5 8.53320- 7 7.97570+ 5 7.85880- 7 9.11510+ 5 7.05540- 7 409 5 47 2602
 1.02540+ 6 6.61450- 7 1.13940+ 6 5.72580- 7 1.25330+ 6 5.24340- 7 409 5 47 2603

1.36730+	6	4.26840-	7	1.48120+	6	3.74390-	7	1.59510+	6	3.20680-	7	409	5	47	2604
1.70910+	6	2.65610-	7	1.82300+	6	2.09150-	7	1.93700+	6	1.51310-	7	409	5	47	2605
2.05090+	6	9.19440-	8	2.16480+	6	3.11150-	8	2.27880+	6	0.0	+ 0	409	5	47	2606
0.0	+ 0	1.40000+	7	0	0	0	0	1		21	409	5	47	2607	
21	2	0	0	0	0	0	0	0		0	409	5	47	2608	
0.0	+ 0	0.0	+ 0	1.18360+	5	2.70590-	7	2.36720+	5	4.39390-	7	409	5	47	2609
3.55080+	5	5.71930-	7	4.73450+	5	7.12480-	7	5.91810+	5	7.92480-	7	409	5	47	2610
7.10170+	5	7.90630-	7	8.28530+	5	7.59480-	7	9.46890+	5	6.82180-	7	409	5	47	2611
1.06530+	6	5.99380-	7	1.18360+	6	5.54080-	7	1.30200+	6	4.62820-	7	409	5	47	2612
1.42030+	6	4.13390-	7	1.53870+	6	3.62730-	7	1.65710+	6	3.10750-	7	409	5	47	2613
1.77540+	6	2.57440-	7	1.89380+	6	2.02770-	7	2.01210+	6	1.46720-	7	409	5	47	2614
2.13050+	6	8.92630-	8	2.24890+	6	3.02360-	8	2.36720+	6	0.0	+ 0	409	5	47	2615
0.0	+ 0	1.50000+	7	0	0	0	1		21	409	5	47	2616		
21	2	0	0	0	0	0	0	0		0	409	5	47	2617	
0.0	+ 0	0.0	+ 0	1.22690+	5	2.83820-	7	2.45380+	5	4.55860-	7	409	5	47	2618
3.68070+	5	5.91740-	7	4.90760+	5	6.71340-	7	6.13440+	5	7.47630-	7	409	5	47	2619
7.36130+	5	7.85880-	7	8.58820+	5	7.18380-	7	9.81510+	5	6.45550-	7	409	5	47	2620
1.10420+	6	5.67460-	7	1.22690+	6	5.24730-	7	1.34960+	6	4.38540-	7	409	5	47	2621
1.47230+	6	3.91840-	7	1.59500+	6	3.43920-	7	7.17160+	6	2.94700-	7	409	5	47	2622
1.84030+	6	2.44230-	7	1.96300+	6	1.92420-	7	2.08570+	6	1.39260-	7	409	5	47	2623
2.20840+	6	8.47050-	8	2.33110+	6	2.87050-	8	2.45380+	6	0.0	+ 0	409	5	47	2624
0.0	+ 0	1.60000+	7	0	0	0	1		21	409	5	47	2625		
21	2	0	0	0	0	0	0	0		0	409	5	47	2626	
0.0	+ 0	0.0	+ 0	1.26930+	5	2.99520-	7	2.55860+	5	4.77990-	7	409	5	47	2627
3.80790+	5	5.63170-	7	5.07730+	5	7.03600-	7	6.34660+	5	7.69540-	7	409	5	47	2628
7.61590+	5	7.51320-	7	8.88520+	5	6.54620-	7	1.01550+	6	5.82880-	7	409	5	47	2629
1.14240+	6	5.43250-	7	1.26930+	6	4.63630-	7	1.39620+	6	4.20140-	7	409	5	47	2630
1.52320+	6	3.75500-	7	1.65010+	6	3.29670-	7	1.77700+	6	2.82560-	7	409	5	47	2631
1.90400+	6	2.34180-	7	2.03090+	6	1.84560-	7	2.15780+	6	1.33630-	7	409	5	47	2632
2.28480+	6	8.12490-	8	2.41170+	6	2.72660-	8	2.53860+	6	0.0	+ 0	409	5	47	2633
0.0	+ 0	1.70000+	7	0	0	0	1		21	409	5	47	2634		
21	2	0	0	0	0	0	0	0		0	409	5	47	2635	
0.0	+ 0	0.0	+ 0	1.31100+	5	3.16540-	7	2.62200+	5	4.56690-	7	409	5	47	2636
3.93300+	5	5.94250-	7	5.24390+	5	6.74640-	7	6.55490+	5	7.38830-	7	409	5	47	2637
7.86590+	5	6.93230-	7	9.17690+	5	6.29530-	7	1.04880+	6	5.60770-	7	409	5	47	2638
1.17990+	6	5.22780-	7	1.31100+	6	4.46370-	7	1.44210+	6	4.04580-	7	409	5	47	2639
1.57320+	6	3.61730-	7	1.70430+	6	3.17650-	7	1.83540+	6	2.72430-	7	409	5	47	2640
1.96650+	6	2.25720-	7	2.09760+	6	1.78060-	7	2.22870+	6	1.28980-	7	409	5	47	2641
2.35980+	6	7.85280-	8	2.49090+	6	2.65370-	8	2.62200+	6	0.0	+ 0	409	5	47	2642
0.0	+ 0	1.80000+	7	0	0	0	1		21	409	5	47	2643		
21	2	0	0	0	0	0	0	0		0	409	5	47	2644	
0.0	+ 0	0.0	+ 0	1.35200+	5	3.39960-	7	2.70390+	5	4.91250-	7	409	5	47	2645
4.05590+	5	5.79560-	7	5.40790+	5	6.58880-	7	6.75990+	5	6.96450-	7	409	5	47	2646
8.11180+	5	6.78740-	7	9.46380+	5	6.16570-	7	1.08160+	6	5.49470-	7	409	5	47	2647
1.21680+	6	4.77360-	7	1.35200+	6	4.37630-	7	1.48720+	6	3.96790-	7	409	5	47	2648
1.62240+	6	3.54790-	7	1.75760+	6	2.69540-	7	1.89280+	6	2.23570-	7	409	5	47	2649
2.02800+	6	2.21480-	7	2.16320+	6	1.74740-	7	2.29840+	6	1.26650-	7	409	5	47	2650
2.43350+	6	7.70840-	8	2.56870+	6	2.60920-	8	2.70390+	6	0.0	+ 0	409	5	47	2651
0.0	+ 0	1.90000+	7	0	0	0	1		21	409	5	47	2652		
21	2	0	0	0	0	0	0	0		0	409	5	47	2653	
0.0	+ 0	0.0	+ 0	1.39230+	5	3.33010-	7	2.78470+	5	4.82250-	7	409	5	47	2654
4.17700+	5	5.69920-	7	5.56930+	5	6.48780-	7	6.96170+	5	6.86730-	7	409	5	47	2655
8.35400+	5	6.69930-	7	9.74630+	5	5.78150-	7	1.11390+	6	5.42730-	7	409	5	47	2656
1.25310+	6	4.71710-	7	1.39230+	6	4.32560-	7	1.53160+	6	3.92270-	7	409	5	47	2657
1.67080+	6	3.10830-	7	1.81000+	6	2.66690-	7	1.94930+	6	2.21300-	7	409	5	47	2658
2.08850+	6	1.74620-	7	2.22770+	6	1.73000-	7	2.36700+	6	1.25450-	7	409	5	47	2659
2.50620+	6	7.64210-	8	2.64540+	6	2.58630-	8	2.78470+	6	0.0	+ 0	409	5	47	2660
0.0	+ 0	2.00000+	7	0	0	0	1		21	409	5	47	2661		
21	2	0	0	0	0	0	0	0		0	409	5	47	2662	
0.0	+ 0	0.0	+ 0	1.43210+	5	3.54800-	7	2.86430+	5	4.66230-	7	409	5	47	2663
4.29640+	5	5.51830-	7	5.72850+	5	6.28980-	7	7.16060+	5	7.05390-	7	409	5	47	2664
8.59280+	5	6.23470-	7	1.00250+	6	5.62080-	7	1.14570+	6	5.27780-	7	409	5	47	2665

1.28890+	6	4.58850-	7	1.43210+	6	4.20850-	7	1.57530+	6	3.44340-	7	409	5	47	2666
1.71860+	6	3.02610-	7	1.86180+	6	2.59680-	7	2.00500+	6	2.15540-	7	409	5	47	2667
2.14820+	6	1.70120-	7	2.29140+	6	1.68470-	7	2.43460+	6	1.22230-	7	409	5	47	2668
2.57780+	6	7.43500-	8	2.72100+	6	2.50500-	8	2.86430+	6	0.0	+ 0	409	5	47	2669
												409	5	0	2670
4.00900+	3	8.93476+	0		0		0		1		0	409	5	48	2671
0.0	+ 0	0.0	+ 0		0		1		1		2	409	5	48	2672
	2	2	2		0		0		0		0	409	5	48	2673
5.22604+	6	1.00000+	0	2.00000+	7	1.00000+	0					409	5	48	2674
0.0	+ 0	0.0	+ 0		0		0		1		16	409	5	48	2675
	16	2	2		0		0		0		0	409	5	48	2676
0.0	+ 0	5.22604+	6		0		0		1		3	409	5	48	2677
	3	2	2		0		0		0		0	409	5	48	2678
0.0	+ 0	0.0	+ 0	1.34760+	6	7.42060-	7	2.69520+	6	0.0	+ 0	409	5	48	2679
0.0	+ 0	6.00000+	6		0		0		1		21	409	5	48	2680
	21	2	2		0		0		0		0	409	5	48	2681
0.0	+ 0	0.0	+ 0	1.95390+	5	0.0	+ 0	3.90780+	5	0.0	+ 0	409	5	48	2682
5.86170+	5	0.0	+ 0	7.81560+	5	0.0	+ 0	9.76950+	5	0.0	+ 0	409	5	48	2683
1.17230+	6	0.0	+ 0	1.36770+	6	0.0	+ 0	1.56310+	6	0.0	+ 0	409	5	48	2684
1.75850+	6	3.68250-	8	1.95390+	6	3.48660-	7	2.14930+	6	5.97010-	7	409	5	48	2685
2.34470+	6	5.77090-	7	2.54010+	6	6.88990-	7	2.73550+	6	6.22570-	7	409	5	48	2686
2.93090+	6	6.42030-	7	3.12620+	6	5.71010-	7	3.32160+	6	5.37240-	7	409	5	48	2687
3.51700+	6	3.46300-	7	3.71240+	6	1.50250-	7	3.90780+	6	0.0	+ 0	409	5	48	2688
0.0	+ 0	7.00000+	6		0		0		1		21	409	5	48	2689
	21	2	2		0		0		0		0	409	5	48	2690
0.0	+ 0	0.0	+ 0	2.08510+	5	0.0	+ 0	4.17010+	5	0.0	+ 0	409	5	48	2691
6.25520+	5	0.0	+ 0	8.34020+	5	0.0	+ 0	1.04250+	6	0.0	+ 0	409	5	48	2692
1.25100+	6	0.0	+ 0	1.45950+	6	0.0	+ 0	1.66800+	6	1.21380-	7	409	5	48	2693
1.87650+	6	2.75740-	7	2.08510+	6	4.39090-	7	2.29360+	6	5.86910-	7	409	5	48	2694
2.50210+	6	5.55810-	7	2.71060+	6	5.74510-	7	2.91910+	6	5.38360-	7	409	5	48	2695
3.12760+	6	5.56230-	7	3.33610+	6	4.72220-	7	3.54460+	6	3.51030-	7	409	5	48	2696
3.75310+	6	2.26440-	7	3.96160+	6	9.83260-	8	4.17010+	6	0.0	+ 0	409	5	48	2697
0.0	+ 0	8.00000+	6		0		0		1		21	409	5	48	2698
	21	2	2		0		0		0		0	409	5	48	2699
0.0	+ 0	0.0	+ 0	2.19250+	5	0.0	+ 0	4.38510+	5	0.0	+ 0	409	5	48	2700
6.557760+	5	0.0	+ 0	8.877010+	5	0.0	+ 0	1.09630+	6	0.0	+ 0	409	5	48	2701
1.31550+	6	0.0	+ 0	1.53480+	6	9.31380-	8	1.75400+	6	2.12690-	7	409	5	48	2702
1.97330+	6	3.39830-	7	2.19250+	6	4.74610-	7	2.41180+	6	5.11830-	7	409	5	48	2703
2.63100+	6	5.30420-	7	2.85030+	6	5.07580-	7	3.06950+	6	5.25690-	7	409	5	48	2704
3.28880+	6	4.63030-	7	3.50800+	6	3.70770-	7	3.72730+	6	2.75850-	7	409	5	48	2705
3.94660+	6	1.78030-	7	4.16580+	6	7.74760-	8	4.38510+	6	0.0	+ 0	409	5	48	2706
0.0	+ 0	9.00000+	6		0		0		1		21	409	5	48	2707
	21	2	2		0		0		0		0	409	5	48	2708
0.0	+ 0	0.0	+ 0	2.28810+	5	0.0	+ 0	4.57630+	5	0.0	+ 0	409	5	48	2709
6.86440+	5	0.0	+ 0	9.15250+	5	0.0	+ 0	1.14410+	6	0.0	+ 0	409	5	48	2710
1.37290+	6	4.74530-	8	1.60170+	6	1.47820-	7	1.83050+	6	2.55650-	7	409	5	48	2711
2.05930+	6	3.70630-	7	2.28810+	6	4.92830-	7	2.51690+	6	5.29010-	7	409	5	48	2712
2.74580+	6	5.14290-	7	2.97460+	6	4.97120-	7	3.20340+	6	4.44250-	7	409	5	48	2713
3.43220+	6	3.65140-	7	3.66100+	6	2.83470-	7	3.88980+	6	1.99200-	7	409	5	48	2714
4.11860+	6	1.55810-	7	4.34740+	6	6.77170-	8	4.57630+	6	0.0	+ 0	409	5	48	2715
0.0	+ 0	1.00000+	7		0		0		1		21	409	5	48	2716
	21	2	2		0		0		0		0	409	5	48	2717
0.0	+ 0	0.0	+ 0	2.37610+	5	0.0	+ 0	4.75210+	5	0.0	+ 0	409	5	48	2718
7.12820+	5	0.0	+ 0	9.50430+	5	0.0	+ 0	1.18800+	6	0.0	+ 0	409	5	48	2719
1.42560+	6	9.90680-	8	1.66320+	6	1.91870-	7	1.90090+	6	2.91430-	7	409	5	48	2720
2.13850+	6	3.97820-	7	2.37610+	6	4.73190-	7	2.61370+	6	4.77580-	7	409	5	48	2721
2.85130+	6	4.65420-	7	3.08890+	6	4.62960-	7	3.32650+	6	3.95140-	7	409	5	48	2722
3.56410+	6	3.24920-	7	3.80170+	6	2.52420-	7	4.03930+	6	1.77520-	7	409	5	48	2723
4.27690+	6	1.38820-	7	4.51450+	6	6.04790-	8	4.75210+	6	0.0	+ 0	409	5	48	2724
0.0	+ 0	1.10000+	7		0		0		1		21	409	5	48	2725
	21	2	2		0		0		0		0	409	5	48	2726
0.0	+ 0	0.0	+ 0	2.45850+	5	0.0	+ 0	4.91690+	5	0.0	+ 0	409	5	48	2727

7.37540+	5	0.0	+ 0	9.83390+	5	0.0	+ 0	1.22920+	6	3.68130-	8	409	5	48	2728
1.47510+	6	1.43320-	7	1.72090+	6	2.31230-	7	1.96680+	6	3.25740-	7	409	5	48	?729
2.21260+	6	3.93150-	7	2.45850+	6	4.50310-	7	2.70430+	6	4.42090-	7	409	5	48	2730
2.95020+	6	4.60910-	7	3.19600+	6	4.21210-	7	3.44190+	6	3.28490-	7	409	5	48	2731
3.68770+	6	2.95960-	7	3.93350+	6	2.29970-	7	4.17940+	6	1.61820-	7	409	5	48	2732
4.42520+	6	9.13720-	8	4.67110+	6	5.51960-	8	4.91690+	6	0.0	+ 0	409	5	48	2733
0.0	+ 0	1.20000+	7	0	0	0	0	1	21	409	5	48	2734		
21	2	0	0	0	0	0	0	0	0	409	5	48	2735		
0.0	+ 0	0.0	+ 0	2.53660+	5	0.0	+ 0	5.07320+	5	0.0	+ 0	409	5	48	2736
7.60980+	5	0.0	+ 0	1.01460+	6	0.0	+ 0	1.26830+	6	8.15440-	8	409	5	48	2737
1.52200+	6	1.59120-	7	1.77560+	6	2.43150-	7	2.02930+	6	3.33650-	7	409	5	48	2738
2.28290+	6	3.98310-	7	2.53660+	6	4.28990-	7	2.79020+	6	4.48220-	7	409	5	48	2739
3.04390+	6	4.22730-	7	3.29760+	6	3.66360-	7	3.55120+	6	3.07850-	7	409	5	48	2740
3.80490+	6	2.47200-	7	4.05850+	6	2.15720-	7	4.31220+	6	1.51860-	7	409	5	48	2741
4.56590+	6	8.58140-	8	4.81950+	6	5.17940-	8	5.07320+	6	0.0	+ 0	409	5	48	2742
0.0	+ 0	1.30000+	7	0	0	0	1	21	409	5	48	2743			
21	2	0	0	0	0	0	0	0	409	5	48	2744			
0.0	+ 0	0.0	+ 0	2.61130+	5	0.0	+ 0	5.22250+	5	0.0	+ 0	409	5	48	2745
7.83380+	5	0.0	+ 0	1.04450+	6	9.74050-	9	1.30560+	6	9.68910-	8	409	5	48	2746
1.56680+	6	1.94620-	7	1.82790+	6	2.75840-	7	2.08900+	6	3.34310-	7	409	5	48	2747
2.35010+	6	3.95420-	7	2.61130+	6	4.25630-	7	2.87240+	6	4.21720-	7	409	5	48	2748
3.13350+	6	3.89200-	7	3.39460+	6	3.37430-	7	3.65580+	6	2.83690-	7	409	5	48	2749
3.91690+	6	2.27910-	7	4.17800+	6	1.70080-	7	4.43910+	6	1.40100-	7	409	5	48	2750
4.70030+	6	7.92050-	8	4.96140+	6	4.78150-	8	5.22250+	6	0.0	+ 0	409	5	48	2751
0.0	+ 0	1.40000+	7	0	0	0	1	21	409	5	48	2752			
21	2	0	0	0	0	0	0	0	409	5	48	2753			
0.0	+ 0	0.0	+ 0	2.68300+	5	0.0	+ 0	5.36610+	5	0.0	+ 0	409	5	48	2754
8.04910+	5	0.0	+ 0	1.07320+	6	4.73340-	8	1.34150+	6	1.32430-	7	409	5	48	2755
1.60980+	6	2.03920-	7	1.87810+	6	2.81520-	7	2.14640+	6	3.37510-	7	409	5	48	2756
2.41470+	6	3.96070-	7	2.68300+	6	4.05000-	7	2.95140+	6	4.08670-	7	409	5	48	2757
3.21970+	6	3.39200-	7	3.48800+	6	2.90170-	7	3.75630+	6	2.64510-	7	409	5	48	2758
4.02460+	6	2.12580-	7	4.29290+	6	1.58740-	7	4.56120+	6	1.30810-	7	409	5	48	2759
4.82950+	6	7.39810-	8	5.09780+	6	4.46640-	8	5.36610+	6	0.0	+ 0	409	5	48	2760
0.0	+ 0	1.50000+	7	0	0	0	1	21	409	5	48	2761			
21	2	0	0	0	0	0	0	0	409	5	48	2762			
0.0	+ 0	0.0	+ 0	2.75240+	5	0.0	+ 0	5.50480+	5	0.0	+ 0	409	5	48	2763
8.25720+	5	0.0	+ 0	1.10100+	6	6.40150-	8	1.37620+	6	1.47420-	7	409	5	48	2764
1.65140+	6	2.17750-	7	1.92670+	6	2.68900-	7	2.20190+	6	3.49540-	7	409	5	48	2765
2.47720+	6	3.97730-	7	2.75240+	6	3.87840-	7	3.02760+	6	3.70330-	7	409	5	48	2766
3.30290+	6	3.25330-	7	3.57810+	6	2.78420-	7	3.85340+	6	2.29630-	7	409	5	48	2767
4.12860+	6	2.04110-	7	4.40390+	6	1.52490-	7	4.67910+	6	1.25700-	7	409	5	48	2768
4.95430+	6	7.14140-	8	5.22960+	6	4.28700-	8	5.50480+	6	0.0	+ 0	409	5	48	2769
0.0	+ 0	1.60000+	7	0	0	0	1	21	409	5	48	2770			
21	2	0	0	0	0	0	0	0	409	5	48	2771			
0.0	+ 0	0.0	+ 0	2.81970+	5	0.0	+ 0	5.63930+	5	0.0	+ 0	409	5	48	2772
8.45900+	5	7.58030-	9	1.12790+	6	7.96480-	8	1.40980+	6	1.61940-	7	409	5	48	2773
1.69180+	6	2.31510-	7	1.97380+	6	2.82220-	7	2.25570+	6	3.35450-	7	409	5	48	2774
2.53770+	6	3.82040-	7	2.81970+	6	3.82450-	7	3.10160+	6	3.56370-	7	409	5	48	2775
3.38360+	6	3.13180-	7	3.66560+	6	2.68130-	7	3.94750+	6	2.21230-	7	409	5	48	2776
4.22950+	6	1.72460-	7	4.51150+	6	1.47010-	7	4.79340+	6	9.53520-	8	409	5	48	2777
5.07540+	6	6.86130-	8	5.35740+	6	4.13430-	8	5.63930+	6	0.0	+ 0	409	5	48	2778
0.0	+ 0	1.70000+	7	0	0	0	1	21	409	5	48	2779			
21	2	0	0	0	0	0	0	0	409	5	48	2780			
0.0	+ 0	0.0	+ 0	2.88510+	5	0.0	+ 0	5.77010+	5	0.0	+ 0	409	5	48	2781
8.65520+	5	2.28380-	8	1.15400+	6	1.09610-	7	1.44250+	6	1.70730-	7	409	5	48	2782
1.73100+	6	2.37820-	7	2.01950+	6	2.86720-	7	2.30810+	6	3.38170-	7	409	5	48	2783
2.59660+	6	3.66030-	7	2.88510+	6	3.57590-	7	3.17360+	6	3.33370-	7	409	5	48	2784
3.46210+	6	2.93010-	7	3.75060+	6	2.51020-	7	4.03910+	6	2.07200-	7	409	5	48	2785
4.32760+	6	1.61580-	7	4.61610+	6	1.37780-	7	4.90460+	6	8.94400-	8	409	5	48	2786
5.19310+	6	6.43440-	8	5.48160+	6	3.88660-	8	5.77010+	6	0.0	+ 0	409	5	48	2787
0.0	+ 0	1.80000+	7	0	0	0	1	21	409	5	48	2788			
21	2	0	0	0	0	0	0	0	409	5	48	2789			

0.0	+ 0	0.0	+ 0	2.94880+	5 0.0	+ 0	5.89770+	5 0.0	+ 0	409	5 48 2790
8.84650+	5	3.78460-	8	1.17950+	6 1.07720-	7	1.47440+	6 1.88120-	7	409	5 48 2791
1.76930+	6	2.34010-	7	2.06420+	6 2.82360-	7	2.35910+	6 3.33260-	7	409	5 48 2792
2.65390+	6	3.61050-	7	2.94880+	6 3.48750-	7	3.24370+	6 3.10010-	7	409	5 48 2793
3.53860+	6	2.69450-	7	3.83350+	6 2.27110-	7	4.12840+	6 2.04840-	7	409	5 48 2794
4.42320+	6	1.59810-	7	4.71810+	6 1.36290-	7	5.01300+	6 8.84970-	8	409	5 48 2795
5.30790+	6	6.36650-	8	5.60280+	6 3.83860-	8	5.89770+	6 0.0	+ 0	409	5 48 2796
0.0	+ 0	1.90000+	7	0	0	1	21	409	5 48 2797		
21	2	0	0	0	0	0	0	409	5 48 2798		
0.0	+ 0	0.0	+ 0	3.01110+	5 0.0	+ 0	6.02230+	5 0.0	+ 0	409	5 48 2799
9.03340+	5	5.07100-	8	1.20450+	6 1.19080-	7	1.50560+	6 1.78040-	7	409	5 48 2800
1.80670+	6	2.42960-	7	2.10780+	6 2.90500-	7	2.40890+	6 3.40640-	7	409	5 48 2801
2.71000+	6	3.42710-	7	3.01110+	6 3.31350-	7	3.31220+	6 2.94630-	7	409	5 48 2802
3.61340+	6	2.56180-	7	3.91450+	6 2.16000-	7	4.21560+	6 1.94850-	7	409	5 48 2803
4.51670+	6	1.52070-	7	4.81780+	6 1.29750-	7	5.11890+	6 8.42710-	8	409	5 48 2804
5.42000+	6	6.06820-	8	5.72110+	6 3.65970-	8	6.02230+	6 0.0	+ 0	409	5 48 2805
0.0	+ 0	2.00000+	7	0	0	1	21	409	5 48 2806		
21	2	0	0	0	0	0	0	409	5 48 2807		
0.0	+ 0	0.0	+ 0	3.07210+	5 0.0	+ 0	6.14420+	5 0.0	+ 0	409	5 48 2808
9.21630+	5	6.40810-	8	1.22880+	6 1.32820-	7	1.53610+	6 1.92240-	7	409	5 48 2809
1.84330+	6	2.36210-	7	2.15050+	6 2.82620-	7	2.45770+	6 3.31610-	7	409	5 48 2810
2.76490+	6	3.43520-	7	3.07210+	6 3.23070-	7	3.37930+	6 2.87360-	7	409	5 48 2811
3.68650+	6	2.49930-	7	3.99370+	6 2.10810-	7	4.30090+	6 1.69950-	7	409	5 48 2812
4.60820+	6	1.48500-	7	4.91540+	6 1.04990-	7	5.22260+	6 8.23340-	8	409	5 48 2813
5.52980+	6	5.92790-	8	5.83700+	6 3.57910-	8	6.14420+	6 0.0	+ 0	409	5 48 2814
4.00900+	3	8.93480+	0	0	0	1	0	409	5 0 2815		
0.0	+ 0	0.0	+ 0	0	1	1	2	409	5 49 2816		
2	2	0	0	0	0	0	0	409	5 49 2817		
7.56107+	6	1.00000+	0	2.00000+	7 1.00000+	0		409	5 49 2819		
0.0	+ 0	0.0	+ 0	0	0	1	14	409	5 49 2820		
14	2	0	0	0	0	0	0	409	5 49 2821		
0.0	+ 0	7.56107+	6	0	0	1	3	409	5 49 2822		
3	2	0	0	0	0	0	0	409	5 49 2823		
0.0	+ 0	0.0	+ 0	2.28010+	6 4.38580-	7 4.56020+	6 0.0	+ 0	409	5 49 2824	
0.0	+ 0	8.00000+	6	0	0	1	21	409	5 49 2825		
21	2	0	0	0	0	0	0	409	5 49 2826		
0.0	+ 0	0.0	+ 0	3.09220+	5 0.0	+ 0	6.18440+	5 0.0	+ 0	409	5 49 2827
9.27670+	5	5.0.0	+ 0	1.23690+	6 0.0	+ 0	1.54610+	6 0.0	+ 0	409	5 49 2828
1.85530+	6	0.0	+ 0	2.16460+	6 0.0	+ 0	2.47380+	6 0.0	+ 0	409	5 49 2829
2.78300+	6	0.0	+ 0	3.09220+	6 0.0	+ 0	3.40140+	6 1.89300-	7	409	5 49 2830
3.71070+	6	3.89390-	7	4.01990+	6 4.05420-	7	4.32910+	6 4.22110-	7	409	5 49 2831
4.63830+	6	4.33580-	7	4.94750+	6 3.58640-	7 5.25680+	6 4.63800-	7	409	5 49 2832	
5.56600+	6	4.26700-	7	5.87520+	6 1.44990-	7 6.18440+	6 0.0	+ 0	409	5 49 2833	
0.0	+ 0	9.00000+	6	0	0	1	21	409	5 49 2834		
21	2	0	0	0	0	0	0	409	5 49 2835		
0.0	+ 0	0.0	+ 0	3.27210+	5 0.0	+ 0	6.54430+	5 0.0	+ 0	409	5 49 2836
9.81640+	5	5.0.0	+ 0	1.30890+	6 0.0	+ 0	1.63610+	6 0.0	+ 0	409	5 49 2837
1.96330+	6	0.0	+ 0	2.29050+	6 0.0	+ 0	2.61770+	6 0.0	+ 0	409	5 49 2838
2.94490+	6	1.93150-	8	3.27210+	6 1.50920-	7 3.59940+	6 2.87610-	7	409	5 49 2839	
3.92660+	6	3.66200-	7	4.25380+	6 3.82200-	7 4.58100+	6 3.93360-	7	409	5 49 2840	
4.90820+	6	4.10580-	7	5.23540+	6 4.22480-	7 5.56260+	6 3.48900-	7	409	5 49 2841	
5.88980+	6	1.91510-	7	6.21710+	6 8.30290-	8 6.54430+	6 0.0	+ 0	409	5 49 2842	
0.0	+ 0	1.00000+	7	0	0	1	21	409	5 49 2843		
21	2	0	0	0	0	0	0	409	5 49 2844		
0.0	+ 0	0.0	+ 0	3.40860+	5 0.0	+ 0	6.81710+	5 0.0	+ 0	409	5 49 2845
1.02260+	6	0.0	+ 0	1.36340+	6 0.0	+ 0	1.70430+	6 0.0	+ 0	409	5 49 2846
2.04510+	6	0.0	+ 0	2.38600+	6 0.0	+ 0	2.72690+	6 0.0	+ 0	409	5 49 2847
3.06770+	6	1.14910-	7	3.40860+	6 2.19460-	7 3.74940+	6 3.29440-	7	409	5 49 2848	
4.09030+	6	3.95310-	7	4.43110+	6 3.73000-	7 4.77200+	6 3.48390-	7	409	5 49 2849	
5.11290+	6	4.02330-	7	5.45370+	6 3.09200-	7 5.79460+	6 2.29610-	7	409	5 49 2850	
6.13540+	6	1.47950-	7	6.47630+	6 6.41740-	8 6.81710+	6 0.0	+ 0	409	5 49 2851	

0.0	+ 0	1.10000+	7	0	0	1	.21	409	5	49	2852				
	21	2		0	0	0		0	409	5	49	2853			
0.0	+ 0	0.0	+ 0	3.52710+	5	0.0	+ 0	7.05420+	5	0.0	+ 0	409	5	49	2854
1.05810+	6	0.0	+ 0	1.41080+	6	0.0	+ 0	1.76350+	6	0.0	+ 0	409	5	49	2855
2.11620+	6	0.0	+ 0	2.46900+	6	0.0	+ 0	2.82170+	6	6.80140-	8	409	5	49	2856
3.17440+	6	1.54350-	7	3.52710+	6	2.45590-	7	3.87980+	6	3.41660-	7	409	5	49	2857
4.23250+	6	3.38760-	7	4.58520+	6	3.55220-	7	4.93790+	6	3.66640-	7	409	5	49	2858
5.29060+	6	3.27820-	7	5.64330+	6	2.62230-	7	5.99600+	6	1.94820-	7	409	5	49	2859
6.34870+	6	1.25580-	7	6.70150+	6	5.45260-	8	7.05420+	6	0.0	+ 0	409	5	49	2860
0.0	+ 0	1.20000+	7	0	0	1	.21	409	5	49	2861				
	21	2		0	0	0		0	409	5	49	2862			
0.0	+ 0	0.0	+ 0	3.63480+	5	0.0	+ 0	7.26960+	5	0.0	+ 0	409	5	49	2863
1.09040+	6	0.0	+ 0	1.45390+	6	0.0	+ 0	1.81740+	6	0.0	+ 0	409	5	49	2864
2.18090+	6	0.0	+ 0	2.54440+	6	1.11940-	8	2.90780+	6	1.06400-	7	409	5	49	2865
3.27130+	6	1.83010-	7	3.63480+	6	2.64050-	7	3.99830+	6	3.49500-	7	409	5	49	2866
4.36180+	6	3.49380-	7	4.72520+	6	3.35870-	7	5.08870+	6	3.20700-	7	409	5	49	2867
5.45220+	6	2.82180-	7	5.81570+	6	2.25810-	7	6.17920+	6	1.67840-	7	409	5	49	2868
6.54260+	6	1.08250-	7	6.90610+	6	4.70040-	8	7.26960+	6	0.0	+ 0	409	5	49	2869
0.0	+ 0	1.30000+	7	0	0	1	.21	409	5	49	2870				
	21	2		0	0	0		0	409	5	49	2871			
0.0	+ 0	0.0	+ 0	3.73500+	5	0.0	+ 0	7.47000+	5	0.0	+ 0	409	5	49	2872
1.12050+	6	0.0	+ 0	1.49400+	6	0.0	+ 0	1.86750+	6	0.0	+ 0	409	5	49	2873
2.24100+	6	0.0	+ 0	2.61450+	6	5.15930-	8	2.98800+	6	1.40210-	7	409	5	49	2874
3.36150+	6	2.11640-	7	3.73500+	6	2.62030-	7	4.10850+	6	3.30000-	7	409	5	49	2875
4.48200+	6	3.19700-	7	7.485500+	6	3.07900-	7	5.22900+	6	3.03920-	7	409	5	49	2876
5.60250+	6	2.54620-	7	5.97600+	6	2.03840-	7	6.34950+	6	1.51580-	7	409	5	49	2877
6.72300+	6	9.77970-	8	7.09650+	6	4.25430-	8	7.47000+	6	0.0	+ 0	409	5	49	2878
0.0	+ 0	1.40000+	7	0	0	1	.21	409	5	49	2879				
	21	2		0	0	0		0	409	5	49	2880			
0.0	+ 0	0.0	+ 0	3.82950+	5	0.0	+ 0	7.65910+	5	0.0	+ 0	409	5	49	2881
1.14890+	6	0.0	+ 0	1.53180+	6	0.0	+ 0	1.91480+	6	0.0	+ 0	409	5	49	2882
2.29770+	6	9.06230-	9	2.68070+	6	8.57350-	8	3.06360+	6	1.48120-	7	409	5	49	2883
3.44660+	6	2.14510-	7	3.82950+	6	2.61360-	7	4.21250+	6	3.05500-	7	409	5	49	2884
4.59540+	6	3.16780-	7	4.97840+	6	3.07350-	7	5.36140+	6	2.77410-	7	409	5	49	2885
5.74430+	6	2.32470-	7	6.12730+	6	1.86180-	7	6.51020+	6	1.38520-	7	409	5	49	2886
6.89320+	6	8.94240-	8	7.27610+	6	3.88610-	8	7.65910+	6	0.0	+ 0	409	5	49	2887
0.0	+ 0	1.50000+	7	0	0	1	.21	409	5	49	2888				
	21	2		0	0	0		0	409	5	49	2889			
0.0	+ 0	0.0	+ 0	3.91960+	5	0.0	+ 0	7.83910+	5	0.0	+ 0	409	5	49	2890
1.17590+	6	0.0	+ 0	1.56780+	6	0.0	+ 0	1.95980+	6	0.0	+ 0	409	5	49	2891
2.35170+	6	2.61350-	8	2.74370+	6	1.00670-	7	3.13560+	6	1.61410-	7	409	5	49	2892
3.52760+	6	2.26110-	7	3.91960+	6	2.71830-	7	4.31150+	6	3.15690-	7	409	5	49	2893
4.70350+	6	3.08390-	7	5.09540+	6	3.07030-	7	5.48740+	6	2.44530-	7	409	5	49	2894
5.87930+	6	2.00940-	7	6.27130+	6	1.55970-	7	6.66320+	6	1.09580-	7	409	5	49	2895
7.05520+	6	8.57280-	8	7.44720+	6	3.72970-	8	7.83910+	6	0.0	+ 0	409	5	49	2896
0.0	+ 0	1.60000+	7	0	0	1	.21	409	5	49	2897				
	21	2		0	0	0		0	409	5	49	2898			
0.0	+ 0	0.0	+ 0	4.00590+	5	0.0	+ 0	8.01170+	5	0.0	+ 0	409	5	49	2899
1.20180+	6	0.0	+ 0	1.60230+	6	0.0	+ 0	2.00290+	6	0.0	+ 0	409	5	49	2900
2.40350+	6	5.86450-	8	2.80410+	6	1.13430-	7	3.20470+	6	1.72150-	7	409	5	49	2901
3.60530+	6	2.34790-	7	4.00590+	6	2.79110-	7	4.40640+	6	2.81380-	7	409	5	49	2902
4.80700+	6	2.92430-	7	5.20760+	6	2.72150-	7	5.60820+	6	2.32170-	7	409	5	49	2903
6.00880+	6	1.90850-	7	6.40940+	6	1.48180-	7	6.81000+	6	1.04160-	7	409	5	49	2904
7.21050+	6	8.14820-	8	7.61110+	6	3.54280-	8	8.01170+	6	0.0	+ 0	409	5	49	2905
0.0	+ 0	1.70000+	7	0	0	1	.21	409	5	49	2906				
	21	2		0	0	0		0	409	5	49	2907			
0.0	+ 0	0.0	+ 0	4.08900+	5	0.0	+ 0	8.17810+	5	0.0	+ 0	409	5	49	2908
1.22670+	6	0.0	+ 0	1.63560+	6	0.0	+ 0	2.04450+	6	7.22800-	9	409	5	49	2909
2.45340+	6	7.03860-	8	2.86230+	6	1.22320-	7	3.27120+	6	1.78020-	7	409	5	49	2910
3.68010+	6	2.37520-	7	4.08900+	6	2.79650-	7	4.49790+	6	2.82930-	7	409	5	49	2911
4.90680+	6	2.77210-	7	5.31570+	6	2.53050-	7	5.72460+	6	2.15940-	7	409	5	49	2912
6.13350+	6	1.77570-	7	6.54240+	6	1.37930-	7	6.95130+	6	9.69809-	8	409	5	49	2913

7.36020+	6	7.58610-	8	7.76910+	6	3.30000-	8	8.17810+	6	0.0	+ 0	409	5	49	2914
0.0	+ 0	1.80000+	7	0	0	1		21	409	5	49	2915			
21	2	0	0	0	0	0		0	409	5	49	2916			
0.0	+ 0	0.0	+ 0	4.16950+	5	0.0	+ 0	8.33900+	5	0.0	+ 0	409	5	49	2917
1.25080+	6	0.0	+ 0	1.66780+	6	0.0	+ 0	2.08470+	6	2.08250-	8	409	5	49	2918
2.50170+	6	8.10530-	8	2.91860+	6	1.30740-	7	3.33560+	6	1.84070-	7	409	5	49	2919
3.75250+	6	2.22060-	7	4.16950+	6	2.74210-	7	4.58640+	6	2.85840-	7	409	5	49	2920
5.00340+	6	2.70730-	7	5.42030+	6	2.37230-	7	5.83730+	6	2.02480-	7	409	5	49	2921
6.25420+	6	1.66570-	7	6.67120+	6	1.29420-	7	7.08810+	6	9.10420-	8	409	5	49	2922
7.50510+	6	7.10550-	8	7.92200+	6	3.10460-	8	8.33900+	6	0.0	+ 0	409	5	49	2923
0.0	+ 0	1.90000+	7	0	0	1		21	409	5	49	2924			
21	2	0	0	0	0	0		0	409	5	49	2925			
0.0	+ 0	0.0	+ 0	4.24760+	5	0.0	+ 0	8.49520+	5	0.0	+ 0	409	5	49	2926
1.27430+	6	0.0	+ 0	1.69900+	6	0.0	+ 0	2.12380+	6	3.39110-	8	409	5	49	2927
2.54860+	6	9.34740-	8	2.97330+	6	1.42700-	7	3.39810+	6	1.95610-	7	409	5	49	2928
3.82280+	6	2.33330-	7	7.424760-	6	2.65470-	7	4.67240+	6	2.61960-	7	409	5	49	2929
5.09710+	6	6.262520-	7	5.52190+	6	2.29990-	7	5.94660+	6	1.79490-	7	409	5	49	2930
6.37140+	6	1.61670-	7	6.79620+	6	1.25660-	7	7.22090+	6	8.84200-	8	409	5	49	2931
7.64570+	6	4.99510-	8	8.07040+	6	3.01350-	8	8.49520+	6	0.0	+ 0	409	5	49	2932
0.0	+ 0	2.00000+	7	0	0	1		21	409	5	49	2933			
21	2	0	0	0	0	0		0	409	5	49	2934			
0.0	+ 0	0.0	+ 0	4.32360+	5	0.0	+ 0	8.64720+	5	0.0	+ 0	409	5	49	2935
1.29710+	6	0.0	+ 0	1.72940+	6	0.0	+ 0	2.16180+	6	4.61150-	8	409	5	49	2936
2.59420+	6	1.04870-	7	3.02650+	6	1.53520-	7	3.45890+	6	1.88450-	7	409	5	49	2937
3.89130+	6	2.43250-	7	4.32360+	6	2.61430-	7	4.75600+	6	2.73170-	7	409	5	49	2938
5.18830+	6	2.38330-	7	5.62070+	6	2.06510-	7	6.05310+	6	1.73490-	7	409	5	49	2939
6.48540+	6	1.39290-	7	6.91780+	6	1.21510-	7	7.35020+	6	8.55290-	8	409	5	49	2940
7.78250+	6	4.83240-	8	8.21490+	6	2.90900-	8	8.64720+	6	0.0	+ 0	409	5	49	2941
								409	5	0	2942				
								409	0	0	2943				
4.00900+	3	8.93476+	0	1	0	11		0	40912102	2944					
0.0	+ 0	0.0	+ 0	0	0	1		2	40912102	2945					
2	2	0	0	0	0	0		0	40912102	2946					
1.00000-	5	1.59930+	0	2.00000+	7	1.59930+	0		40912102	2947					
6.81210+	6	0.0	+ 0	2	2	1		2	40912102	2948					
2	2	0	0	0	0	0		0	40912102	2949					
1.00000-	5	6.46000-	1	2.00000+	7	6.46000-	1		40912102	2950					
5.95830+	6	5.95830+	6	1	2	1		2	40912102	2951					
2	2	0	0	0	0	0		0	40912102	2952					
1.00000-	5	1.50000-	2	2.00000+	7	1.50000-	2		40912102	2953					
3.44410+	6	0.0	+ 0	2	2	1		2	40912102	2954					
2	2	0	0	0	0	0		0	40912102	2955					
1.00000-	5	1.13000-	1	2.00000+	7	1.13000-	1		40912102	2956					
3.36800+	6	3.36800+	6	1	2	1		2	40912102	2957					
2	2	0	0	0	0	0		0	40912102	2958					
1.00000-	5	3.30000-	1	2.00000+	7	3.30000-	1		40912102	2959					
2.89500+	6	6.26300+	6	1	2	1		2	40912102	2960					
2	2	0	0	0	0	0		0	40912102	2961					
1.00000-	5	1.50000-	3	2.00000+	7	1.50000-	3		40912102	2962					
2.81100+	6	6.17900+	6	1	2	1		2	40912102	2963					
2	2	0	0	0	0	0		0	40912102	2964					
1.00000-	5	1.30000-	3	2.00000+	7	1.30000-	3		40912102	2965					
2.59030+	6	5.95830+	6	1	2	1		2	40912102	2966					
2	2	0	0	0	0	0		0	40912102	2967					
1.00000-	5	2.24000-	1	2.00000+	7	2.24000-	1		40912102	2968					
8.53800+	5	0.0	+ 0	2	2	1		2	40912102	2969					
2	2	0	0	0	0	0		0	40912102	2970					
1.00000-	5	2.64000-	1	2.00000+	7	2.64000-	1		40912102	2971					
6.33100+	5	0.0	+ 0	2	2	1		2	40912102	2972					
2	2	0	0	0	0	0		0	40912102	2973					
1.00000-	5	2.40000-	3	2.00000+	7	2.40000-	3		40912102	2974					
5.49100+	5	0.0	+ 0	2	2	1		2	40912102	2975					

2	2	0	0	0	0	0	40912102	2976	
1.00000-	5	1.60000-	3	2.00000+	7	1.60000-	3	40912102	2977
2.19000+	5	6.17900+	6	1	2	1	2	40912102	2978
2	2	0	0	0	0	0	0	40912102	2979
1.00000-	5	5.00000-	4	2.00000+	7	5.00000-	4	40912102	2980
4.00900+	3	8.93476+	0	1	0	1	40912	0	2981
4.77610+	5	4.77610+	5	0	2	1	2	40912741	2982
2	2	0	0	0	0	0	0	40912741	2983
1.21381+	7	1.00000+	0	2.00000+	7	1.00000+	0	40912741	2984
4.00900+	3	8.93476+	0	1	0	11	40912741	2985	
4.00900+	3	8.93476+	0	1	0	1	40912	0	2986
							409	0	2987
							0	40914102	2988
							40914	0	2989
							0	40914741	2990
							40914	0	2991
							409	0	2992
							0	0	2993
							-1	0	0