

P= 500.000 T= 23000. NTOT=1.60E 20 DEBYE=1.40E-07 LAMBDA=7.73E 00 LNLMBD= 2.05
 N1=5.55378E 19 N2=4.85985E 19 N3=5.52982E 19 N4=1.19805E 17 N5=2.38352E 11

B	CM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	2.61E 02	0.00E-01	1.51E-06	0.00E-01	7.79E 01	0.00E-01
500.	-1.13E-04	2.61E 02	4.28E-02	1.51E-06	3.78E-10	7.79E 01	9.76E-03
1000.	-2.25E-04	2.61E 02	8.56E-02	1.51E-06	7.56E-10	7.79E 01	1.95E-02
2500.	-5.64E-04	2.61E 02	2.14E-01	1.51E-06	1.89E-09	7.79E 01	4.88E-02
5000.	-1.13E-03	2.61E 02	4.28E-01	1.51E-06	3.78E-09	7.79E 01	9.76E-02
7500.	-1.69E-03	2.61E 02	6.42E-01	1.51E-06	5.67E-09	7.79E 01	1.46E-01
10000.	-2.25E-03	2.61E 02	8.56E-01	1.51E-06	7.56E-09	7.79E 01	1.95E-01
25000.	-5.64E-03	2.61E 02	2.14E 00	1.51E-06	1.89E-08	7.79E 01	4.88E-01
50000.	-1.13E-02	2.61E 02	4.28E 00	1.51E-06	3.78E-08	7.79E 01	9.76E-01
100000.	-2.25E-02	2.61E 02	8.55E 00	1.51E-06	7.55E-08	7.79E 01	1.95E 00
150000.	-3.38E-02	2.60E 02	1.28E 01	1.50E-06	1.13E-07	7.78E 01	2.92E 00

P= 500.000 T= 24000. NTOT=1.53E 20 DEBYE=1.41E-07 LAMBDA=8.09E 00 LNLMBD= 2.09
 N1=5.77062E 19 N2=3.77091E 19 N3=5.72756E 19 N4=2.15314E 17 N5=9.63667E 11

B	CM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	2.80E 02	0.00E-01	1.77E-06	0.00E-01	8.78E 01	0.00E-01
500.	-1.14E-04	2.80E 02	4.77E-02	1.77E-06	4.62E-10	8.78E 01	1.16E-02
1000.	-2.28E-04	2.80E 02	9.55E-02	1.77E-06	9.25E-10	8.78E 01	2.32E-02
2500.	-5.71E-04	2.80E 02	2.39E-01	1.77E-06	2.31E-09	8.78E 01	5.80E-02
5000.	-1.14E-03	2.80E 02	4.77E-01	1.77E-06	4.62E-09	8.78E 01	1.16E-01
7500.	-1.71E-03	2.80E 02	7.16E-01	1.77E-06	6.93E-09	8.78E 01	1.74E-01
10000.	-2.28E-03	2.80E 02	9.55E-01	1.77E-06	9.25E-09	8.78E 01	2.32E-01
25000.	-5.71E-03	2.80E 02	2.39E 00	1.77E-06	2.31E-08	8.78E 01	5.79E-01
50000.	-1.14E-02	2.80E 02	4.77E 00	1.77E-06	4.62E-08	8.78E 01	1.16E 00
100000.	-2.28E-02	2.80E 02	9.54E 00	1.77E-06	9.23E-08	8.77E 01	2.32E 00
150000.	-3.43E-02	2.79E 02	1.43E 01	1.76E-06	1.38E-07	8.76E 01	3.47E 00

P= 500.000 T= 25000. NTOT=1.47E 20 DEBYE=1.42E-07 LAMBDA=8.51E 00 LNLMBD= 2.14
 N1=5.89339E 19 N2=2.92879E 19 N3=5.82024E 19 N4=3.65785E 17 N5=3.46038E 12

B	CM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	2.97E 02	0.00E-01	2.03E-06	0.00E-01	9.75E 01	0.00E-01
500.	-1.17E-04	2.97E 02	5.29E-02	2.03E-06	5.55E-10	9.75E 01	1.36E-02
1000.	-2.34E-04	2.97E 02	1.06E-01	2.03E-06	1.11E-09	9.75E 01	2.72E-02
2500.	-5.84E-04	2.97E 02	2.65E-01	2.03E-06	2.77E-09	9.75E 01	6.79E-02
5000.	-1.17E-03	2.97E 02	5.29E-01	2.03E-06	5.55E-09	9.75E 01	1.36E-01
7500.	-1.75E-03	2.97E 02	7.94E-01	2.03E-06	8.32E-09	9.75E 01	2.04E-01
10000.	-2.34E-03	2.97E 02	1.06E 00	2.03E-06	1.11E-08	9.75E 01	2.72E-01
25000.	-5.84E-03	2.97E 02	2.65E 00	2.03E-06	2.77E-08	9.74E 01	6.79E-01
50000.	-1.17E-02	2.97E 02	5.29E 00	2.03E-06	5.54E-08	9.74E 01	1.36E 00
100000.	-2.34E-02	2.96E 02	1.06E 01	2.02E-06	1.11E-07	9.74E 01	2.71E 00
150000.	-3.50E-02	2.96E 02	1.58E 01	2.01E-06	1.66E-07	9.73E 01	4.06E 00

P= 500.000 T= 26000. NTOT=1.41E 20 DEBYE=1.44E-07 LAMBDA=8.98E 00 LNLMBD= 2.20
 N1=5.94472E 19 N2=2.28425E 19 N3=5.82619E 19 N4=5.92637E 17 N5=1.12414E 13

B	CM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	3.12E 02	0.00E-01	2.28E-06	0.00E-01	1.07E 02	0.00E-01
500.	-1.20E-04	3.12E 02	5.82E-02	2.28E-06	6.54E-10	1.07E 02	1.57E-02
1000.	-2.40E-04	3.12E 02	1.16E-01	2.28E-06	1.31E-09	1.07E 02	3.14E-02
2500.	-6.00E-04	3.12E 02	2.91E-01	2.28E-06	3.27E-09	1.07E 02	7.86E-02
5000.	-1.20E-03	3.12E 02	5.82E-01	2.28E-06	6.54E-09	1.07E 02	1.57E-01
7500.	-1.80E-03	3.12E 02	8.74E-01	2.28E-06	9.81E-09	1.07E 02	2.36E-01
10000.	-2.40E-03	3.12E 02	1.16E 00	2.28E-06	1.31E-08	1.07E 02	3.14E-01
25000.	-6.00E-03	3.12E 02	2.91E 00	2.28E-06	3.27E-08	1.07E 02	7.86E-01
50000.	-1.20E-02	3.12E 02	5.82E 00	2.28E-06	6.54E-08	1.07E 02	1.57E 00
100000.	-2.40E-02	3.11E 02	1.16E 01	2.27E-06	1.31E-07	1.07E 02	3.14E 00
150000.	-3.60E-02	3.11E 02	1.74E 01	2.26E-06	1.95E-07	1.07E 02	4.70E 00

P= 1000.000 T= 3000. NTOT=2.45E 21 DEBYE=2.81E-02 LAMBDA=2.02E 05 LNLMBD=12.22
 N1=1.80331E 08 N2=2.44650E 21 N3=1.80331E 08 N

B	GM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
C.	0.00E-01	1.89E-08	0.00E-01	-2.88E-17	0.00E-01	2.98E-10	0.00E-01
500.	-1.07E-03	1.89E-08	1.05E-10	-2.88E-17	-2.08E-19	2.98E-10	7.90E-13
1000.	-2.14E-03	1.88E-08	2.09E-10	-2.88E-17	-4.15E-19	2.98E-10	1.58E-12
2500.	-5.36E-03	1.88E-08	5.23E-10	-2.88E-17	-1.04E-18	2.98E-10	3.95E-12
5000.	-1.07E-02	1.88E-08	1.04E-09	-2.87E-17	-2.07E-18	2.97E-10	7.88E-12
7500.	-1.61E-02	1.87E-08	1.56E-09	-2.85E-17	-3.08E-18	2.97E-10	1.18E-11
10000.	-2.14E-02	1.86E-08	2.06E-09	-2.83E-17	-4.07E-18	2.96E-10	1.57E-11
25000.	-5.36E-02	1.73E-08	4.70E-09	-2.56E-17	-9.20E-18	2.90E-10	3.74E-11
50000.	-1.07E-01	1.42E-08	7.29E-09	-1.92E-17	-1.38E-17	2.71E-10	6.51E-11
100000.	-2.14E-01	1.00E-08	8.16E-09	-1.12E-17	-1.42E-17	2.30E-10	9.19E-11
150000.	-3.21E-01	7.38E-09	7.46E-09	-7.21E-18	-1.19E-17	1.98E-10	1.01E-10

P= 1000.000 T= 4000. NTOT=1.83E 21 DEBYE=6.88E-04 LAMBDA=6.59E 03 LNLMBD= 8.79
 N1=4.02680E 11 N2=1.83487E 21 N3=4.02680E 11 N

B	GM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	4.02E-05	0.00E-01	-9.63E-14	0.00E-01	7.88E-07	0.00E-01
500.	-8.32E-04	4.02E-05	2.68E-07	-9.63E-14	-8.17E-16	7.88E-07	2.21E-09
1000.	-1.66E-03	4.02E-05	5.36E-07	-9.62E-14	-1.63E-15	7.88E-07	4.42E-09
2500.	-4.16E-03	4.01E-05	1.34E-06	-9.61E-14	-4.08E-15	7.88E-07	1.10E-08
5000.	-8.32E-03	4.00E-05	2.66E-06	-9.56E-14	-8.11E-15	7.87E-07	2.20E-08
7500.	-1.25E-02	3.97E-05	3.95E-06	-9.47E-14	-1.20E-14	7.86E-07	3.28E-08
10000.	-1.66E-02	3.93E-05	5.21E-06	-9.35E-14	-1.58E-14	7.84E-07	4.35E-08
25000.	-4.16E-02	3.56E-05	1.13E-05	-8.14E-14	-3.41E-14	7.62E-07	1.01E-07
50000.	-8.32E-02	2.77E-05	1.59E-05	-5.68E-14	-4.63E-14	7.09E-07	1.70E-07
100000.	-1.66E-01	2.01E-05	1.59E-05	-3.30E-14	-4.26E-14	6.05E-07	2.36E-07
150000.	-2.49E-01	1.55E-05	1.42E-05	-2.31E-14	-3.50E-14	5.25E-07	2.59E-07

P= 1000.000 T= 5000. NTOT=1.47E 21 DEBYE=7.55E-05 LAMBDA=9.03E 02 LNLMBD= 6.81
 N1=4.18192E 13 N2=1.46790E 21 N3=4.18192E 13 N

B	GM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	3.82E-03	0.00E-01	-1.25E-11	0.00E-01	9.38E-05	0.00E-01
500.	-6.92E-04	3.82E-03	2.80E-05	-1.25E-11	-1.18E-13	9.38E-05	2.79E-07
1000.	-1.38E-03	3.82E-03	5.60E-05	-1.25E-11	-2.35E-13	9.38E-05	5.57E-07
2500.	-3.46E-03	3.81E-03	1.40E-04	-1.25E-11	-5.87E-13	9.38E-05	1.39E-06
5000.	-6.92E-03	3.79E-03	2.77E-04	-1.24E-11	-1.16E-12	9.36E-05	2.78E-06
7500.	-1.04E-02	3.76E-03	4.10E-04	-1.22E-11	-1.72E-12	9.34E-05	4.15E-06
10000.	-1.38E-02	3.71E-03	5.36E-04	-1.20E-11	-2.25E-12	9.32E-05	5.49E-06
25000.	-3.46E-02	3.29E-03	1.11E-03	-1.01E-11	-4.56E-12	9.02E-05	1.27E-05
50000.	-6.92E-02	2.54E-03	1.46E-03	-6.95E-12	-5.78E-12	8.32E-05	2.06E-05
100000.	-1.38E-01	1.85E-03	1.44E-03	-3.91E-12	-5.22E-12	7.07E-05	2.74E-05
150000.	-2.08E-01	1.51E-03	1.28E-03	-2.99E-12	-4.30E-12	6.17E-05	2.97E-05

P= 1000.000 T= 6000. NTOT=1.22E 21 DEBYE=1.75E-05 LAMBDA=2.51E 02 LNLMBD= 5.52
 N1=9.38151E 14 N2=1.22325E 21 N3=9.38151E 14 N

B	GM-TAU	SIG-1	SIG-2	DT-1	DT-2	LAM-1	LAM-2
0.	0.00E-01	7.57E-02	0.00E-01	-2.97E-10	0.00E-01	1.94E-03	0.00E-01
500.	-5.99E-04	7.57E-02	5.64E-04	-2.97E-10	-2.71E-12	1.94E-03	4.27E-07
1000.	-1.20E-03	7.56E-02	1.13E-03	-2.97E-10	-5.42E-12	1.94E-03	8.58E-07
2500.	-3.00E-03	7.55E-02	2.81E-03	-2.96E-10	-1.35E-11	1.94E-03	2.20E-06
5000.	-5.99E-03	7.51E-02	5.57E-03	-2.94E-10	-2.68E-11	1.94E-03	4.73E-06
7500.	-8.99E-03	7.44E-02	8.22E-03	-2.91E-10	-3.96E-11	1.95E-03	7.92E-06
10000.	-1.20E-02	7.34E-02	1.07E-02	-2.86E-10	-5.18E-11	1.96E-03	1.20E-05
25000.	-3.00E-02	6.46E-02	2.17E-02	-2.43E-10	-1.05E-10	2.01E-03	6.07E-05
50000.	-5.99E-02	5.01E-02	2.77E-02	-1.70E-10	-1.33E-10	2.00E-03	1.83E-04
100000.	-1.20E-01	3.66E-02	2.72E-02	-9.34E-11	-1.22E-10	1.76E-03	3.36E-04
150000.	-1.80E-01	3.14E-02	2.48E-02	-7.64E-11	-1.04E-10	1.55E-03	4.06E-04