

P= 100.000 T= 23000. NTOT=3.19E 19 DEBYE=2.83E-07 LAMBDA=1.56E 01 LNLMBD= 2.75
 N1=1.36688E 19 N2=4.63031E 18 N3=1.35547E 19 N4=5.70736E 16 N5=1.52644E 11

| B | CM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|----------|----------|----------|----------|
| 0. | 0.00E-01 | 2.19E 02 | 0.00E-01 | 1.49E-06 | 0.00E-01 | 6.47E 01 | 0.00E-01 |
| 500. | -3.51E-C4 | 2.19E 02 | 1.26E-01 | 1.49E-06 | 1.31E-09 | 6.47E 01 | 2.90E-02 |
| 1000. | -7.01E-04 | 2.19E 02 | 2.52E-01 | 1.49E-06 | 2.62E-09 | 6.47E 01 | 5.81E-02 |
| 2500. | -1.75E-C3 | 2.19E 02 | 6.30E-01 | 1.49E-06 | 6.56E-09 | 6.47E 01 | 1.45E-01 |
| 5000. | -3.51E-C3 | 2.19E 02 | 1.26E 00 | 1.49E-06 | 1.31E-08 | 6.47E 01 | 2.90E-01 |
| 7500. | -5.26E-03 | 2.19E 02 | 1.89E 00 | 1.49E-06 | 1.97E-08 | 6.47E 01 | 4.36E-01 |
| 10000. | -7.01E-C3 | 2.19E 02 | 2.52E 00 | 1.49E-06 | 2.62E-08 | 6.47E 01 | 5.81E-01 |
| 25000. | -1.75E-02 | 2.19E 02 | 6.30E 00 | 1.49E-06 | 6.55E-08 | 6.47E 01 | 1.45E 00 |
| 50000. | -3.51E-C2 | 2.18E 02 | 1.26E 01 | 1.48E-06 | 1.30E-07 | 6.46E 01 | 2.90E 00 |
| 100000. | -7.01E-C2 | 2.16E 02 | 2.48E 01 | 1.45E-06 | 2.57E-07 | 6.42E 01 | 5.75E 00 |
| 150000. | -1.05E-01 | 2.12E 02 | 3.65E 01 | 1.40E-06 | 3.75E-07 | 6.35E 01 | 8.52E 00 |

P= 100.000 T= 24000. NTOT=3.06E 19 DEBYE=2.89E-07 LAMBDA=1.66E 01 LNLMBD= 2.81
 N1=1.36593E 19 N2=3.36668E 18 N3=1.34511E 19 N4=1.04119E 17 N5=6.69995E 11

| B | CM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|----------|----------|----------|----------|
| 0. | 0.00E-C1 | 2.30E 02 | 0.00E-01 | 1.66E-06 | 0.00E-01 | 7.10E 01 | 0.00E-01 |
| 500. | -3.65E-04 | 2.30E 02 | 1.39E-01 | 1.66E-06 | 1.54E-09 | 7.10E 01 | 3.37E-02 |
| 1000. | -7.29E-04 | 2.30E 02 | 2.78E-01 | 1.66E-06 | 3.08E-09 | 7.10E 01 | 6.74E-02 |
| 2500. | -1.82E-C3 | 2.30E 02 | 6.96E-01 | 1.66E-06 | 7.70E-09 | 7.10E 01 | 1.68E-01 |
| 5000. | -3.65E-03 | 2.30E 02 | 1.39E 00 | 1.66E-06 | 1.54E-08 | 7.10E 01 | 3.37E-01 |
| 7500. | -5.47E-03 | 2.29E 02 | 2.09E 00 | 1.66E-06 | 2.31E-08 | 7.10E 01 | 5.05E-01 |
| 10000. | -7.29E-03 | 2.29E 02 | 2.78E 00 | 1.66E-06 | 3.08E-08 | 7.10E 01 | 6.74E-01 |
| 25000. | -1.82E-02 | 2.29E 02 | 6.95E 00 | 1.65E-06 | 7.68E-08 | 7.09E 01 | 1.68E 00 |
| 50000. | -3.65E-C2 | 2.29E 02 | 1.39E 01 | 1.64E-06 | 1.53E-07 | 7.08E 01 | 3.36E 00 |
| 100000. | -7.29E-02 | 2.26E 02 | 2.74E 01 | 1.61E-06 | 3.01E-07 | 7.03E 01 | 6.66E 00 |
| 150000. | -1.09E-01 | 2.22E 02 | 4.02E 01 | 1.55E-06 | 4.38E-07 | 6.95E 01 | 9.86E 00 |

P= 100.000 T= 25000. NTOT=2.94E 19 DEBYE=2.97E-07 LAMBDA=1.78E 01 LNLMBD= 2.88
 N1=1.35271E 19 N2=2.48401E 18 N3=1.31666E 19 N4=1.80289E 17 N5=2.62883E 12

| B | CM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|----------|----------|----------|----------|
| 0. | 0.00E-01 | 2.39E 02 | 0.00E-01 | 1.82E-06 | 0.00E-01 | 7.71E 01 | 0.00E-01 |
| 500. | -3.80E-04 | 2.39E 02 | 1.53E-01 | 1.82E-06 | 1.78E-09 | 7.71E 01 | 3.87E-02 |
| 1000. | -7.60E-C4 | 2.39E 02 | 3.05E-01 | 1.82E-06 | 3.57E-09 | 7.71E 01 | 7.74E-02 |
| 2500. | -1.90E-C3 | 2.39E 02 | 7.63E-01 | 1.82E-06 | 8.91E-09 | 7.71E 01 | 1.94E-01 |
| 5000. | -3.80E-C3 | 2.39E 02 | 1.53E 00 | 1.82E-06 | 1.78E-08 | 7.71E 01 | 3.87E-01 |
| 7500. | -5.70E-03 | 2.39E 02 | 2.29E 00 | 1.82E-06 | 2.67E-08 | 7.71E 01 | 5.81E-01 |
| 10000. | -7.60E-C3 | 2.39E 02 | 3.05E 00 | 1.82E-06 | 3.56E-08 | 7.71E 01 | 7.74E-01 |
| 25000. | -1.90E-C2 | 2.39E 02 | 7.62E 00 | 1.81E-06 | 8.90E-08 | 7.71E 01 | 1.93E 00 |
| 50000. | -3.80E-02 | 2.38E 02 | 1.52E 01 | 1.80E-06 | 1.77E-07 | 7.69E 01 | 3.86E 00 |
| 100000. | -7.60E-02 | 2.35E 02 | 3.00E 01 | 1.76E-06 | 3.47E-07 | 7.63E 01 | 7.65E 00 |
| 150000. | -1.14E-01 | 2.30E 02 | 4.39E 01 | 1.69E-06 | 5.05E-07 | 7.52E 01 | 1.13E 01 |

P= 100.000 T= 26000. NTOT=2.82E 19 DEBYE=3.05E-07 LAMBDA=1.90E 01 LNLMBD= 2.94
 N1=1.33155E 19 N2=1.89537E 18 N3=1.27204E 19 N4=2.97521E 17 N5=9.31870E 12

| B | CM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|----------|----------|----------|----------|
| 0. | 0.00E-C1 | 2.47E 02 | 0.00E-01 | 1.97E-06 | 0.00E-01 | 8.30E 01 | 0.00E-01 |
| 500. | -3.96E-04 | 2.47E 02 | 1.66E-01 | 1.97E-06 | 2.04E-09 | 8.30E 01 | 4.41E-02 |
| 1000. | -7.92E-04 | 2.47E 02 | 3.31E-01 | 1.97E-06 | 4.07E-09 | 8.30E 01 | 8.81E-02 |
| 2500. | -1.98E-C3 | 2.47E 02 | 8.29E-01 | 1.97E-06 | 1.02E-08 | 8.30E 01 | 2.20E-01 |
| 5000. | -3.96E-C3 | 2.47E 02 | 1.66E 00 | 1.97E-06 | 2.04E-08 | 8.30E 01 | 4.41E-01 |
| 7500. | -5.94E-03 | 2.47E 02 | 2.49E 00 | 1.97E-06 | 3.05E-08 | 8.30E 01 | 6.61E-01 |
| 10000. | -7.92E-03 | 2.46E 02 | 3.31E 00 | 1.97E-06 | 4.07E-08 | 8.30E 01 | 8.81E-01 |
| 25000. | -1.98E-02 | 2.46E 02 | 8.27E 00 | 1.97E-06 | 1.02E-07 | 8.30E 01 | 2.20E 00 |
| 50000. | -3.96E-02 | 2.45E 02 | 1.65E 01 | 1.95E-06 | 2.02E-07 | 8.28E 01 | 4.39E 00 |
| 100000. | -7.92E-02 | 2.42E 02 | 3.25E 01 | 1.90E-06 | 3.96E-07 | 8.20E 01 | 8.69E 00 |
| 150000. | -1.19E-01 | 2.36E 02 | 4.74E 01 | 1.82E-06 | 5.73E-07 | 8.08E 01 | 1.28E 01 |

P= 200.000 T= 3000. NTOT=4.89E 20 DEBYE=4.21E-02 LAMBDA=3.02E 05 LNLMBD=12.62
 N1=8.06476E C7 N2=4.89300E 20 N3=8.06476E 07 N

| B | GM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|-----------|-----------|----------|----------|
| 0. | 0.00E-01 | 4.22E-08 | 0.00E-01 | -6.45E-17 | 0.00E-01 | 6.66E-10 | 0.00E-01 |
| 500. | -5.36E-03 | 4.21E-08 | 1.17E-09 | -6.44E-17 | -2.32E-18 | 6.66E-10 | 8.83E-12 |
| 1000. | -1.07E-02 | 4.20E-08 | 2.33E-09 | -6.42E-17 | -4.62E-18 | 6.65E-10 | 1.76E-11 |
| 2500. | -2.68E-02 | 4.12E-08 | 5.69E-09 | -6.25E-17 | -1.12E-17 | 6.61E-10 | 4.35E-11 |
| 5000. | -5.36E-02 | 3.87E-08 | 1.05E-08 | -5.72E-17 | -2.06E-17 | 6.48E-10 | 8.36E-11 |
| 7500. | -8.04E-02 | 3.54E-08 | 1.40E-08 | -5.02E-17 | -2.71E-17 | 6.28E-10 | 1.18E-10 |
| 10000. | -1.07E-01 | 3.18E-08 | 1.63E-08 | -4.29E-17 | -3.09E-17 | 6.05E-10 | 1.46E-10 |
| 25000. | -2.68E-01 | 1.93E-08 | 1.76E-08 | -2.03E-17 | -2.92E-17 | 4.76E-10 | 2.18E-10 |
| 50000. | -5.36E-01 | 9.46E-09 | 1.36E-08 | -5.75E-18 | -1.85E-17 | 3.58E-10 | 2.33E-10 |
| 100000. | -1.07E 00 | 3.96E-09 | 8.87E-09 | 1.29E-18 | -9.83E-18 | 2.74E-10 | 2.15E-10 |
| 150000. | -1.61E 00 | 2.39E-09 | 6.59E-09 | 2.21E-18 | -5.67E-18 | 2.01E-10 | 1.94E-10 |

P= 200.000 T= 4000. NTOT=3.67E 20 DEBYE=1.03E-03 LAMBDA=9.85E 03 LNLMBD= 9.20
 N1=1.80058E 11 N2=3.66575E 20 N3=1.80058E 11 N

| B | GM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|-----------|-----------|----------|----------|
| 0. | 0.00E-01 | 8.99E-05 | 0.00E-01 | -2.15E-13 | 0.00E-01 | 1.76E-06 | 0.00E-01 |
| 500. | -4.16E-03 | 8.98E-05 | 2.99E-06 | -2.15E-13 | -9.11E-15 | 1.76E-06 | 2.46E-08 |
| 1000. | -8.32E-03 | 8.94E-05 | 5.95E-06 | -2.14E-13 | -1.81E-14 | 1.76E-06 | 4.91E-08 |
| 2500. | -2.08E-02 | 8.69E-05 | 1.43E-05 | -2.06E-13 | -4.35E-14 | 1.75E-06 | 1.20E-07 |
| 5000. | -4.16E-02 | 7.95E-05 | 2.54E-05 | -1.82E-13 | -7.62E-14 | 1.70E-06 | 2.27E-07 |
| 7500. | -6.24E-02 | 7.05E-05 | 3.22E-05 | -1.54E-13 | -9.52E-14 | 1.65E-06 | 3.13E-07 |
| 10000. | -8.32E-02 | 6.19E-05 | 3.56E-05 | -1.27E-13 | -1.04E-13 | 1.59E-06 | 3.80E-07 |
| 25000. | -2.08E-01 | 3.97E-05 | 3.37E-05 | -6.22E-14 | -8.65E-14 | 1.26E-06 | 5.60E-07 |
| 50000. | -4.16E-01 | 2.10E-05 | 2.65E-05 | -2.27E-14 | -5.26E-14 | 9.16E-07 | 5.94E-07 |
| 100000. | -8.32E-01 | 9.04E-06 | 1.81E-05 | 6.28E-16 | -3.09E-14 | 7.50E-07 | 5.53E-07 |
| 150000. | -1.25E 00 | 5.59E-06 | 1.36E-05 | 5.08E-15 | -1.90E-14 | 5.81E-07 | 5.05E-07 |

P= 200.000 T= 5000. NTOT=2.94E 20 DEBYE=1.13E-04 LAMBDA=1.35E 03 LNLMBD= 7.21
 N1=1.86827E 13 N2=2.93580E 20 N3=1.86827E 13 N

| B | GM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|-----------|-----------|----------|----------|
| 0. | 0.00E-01 | 8.47E-03 | 0.00E-01 | -2.75E-11 | 0.00E-01 | 2.05E-04 | 0.00E-01 |
| 500. | -3.46E-03 | 8.46E-03 | 3.06E-04 | -2.75E-11 | -1.27E-12 | 2.05E-04 | 2.73E-06 |
| 1000. | -6.92E-03 | 8.41E-03 | 6.07E-04 | -2.73E-11 | -2.52E-12 | 2.05E-04 | 5.45E-06 |
| 2500. | -1.73E-02 | 8.12E-03 | 1.44E-03 | -2.60E-11 | -5.95E-12 | 2.04E-04 | 1.35E-05 |
| 5000. | -3.46E-02 | 7.32E-03 | 2.44E-03 | -2.25E-11 | -9.98E-12 | 1.99E-04 | 2.60E-05 |
| 7500. | -5.19E-02 | 6.44E-03 | 2.99E-03 | -1.88E-11 | -1.20E-11 | 1.93E-04 | 3.61E-05 |
| 10000. | -6.92E-02 | 5.66E-03 | 3.25E-03 | -1.55E-11 | -1.28E-11 | 1.85E-04 | 4.39E-05 |
| 25000. | -1.73E-01 | 3.75E-03 | 3.03E-03 | -7.69E-12 | -1.06E-11 | 1.47E-04 | 6.36E-05 |
| 50000. | -3.46E-01 | 2.21E-03 | 2.35E-03 | -3.49E-12 | -6.02E-12 | 1.04E-04 | 6.75E-05 |
| 100000. | -6.92E-01 | 9.89E-04 | 1.74E-03 | -3.52E-13 | -3.97E-12 | 8.90E-05 | 6.37E-05 |
| 150000. | -1.04E 00 | 6.10E-04 | 1.33E-03 | 4.10E-13 | -2.58E-12 | 7.21E-05 | 5.88E-05 |

P= 200.000 T= 6000. NTOT=2.45E 20 DEBYE=2.61E-05 LAMBDA=3.76E 02 LNLMBD= 5.93
 N1=4.17992E 14 N2=2.44649E 20 N3=4.17992E 14 N

| B | GM-TAU | SIG-1 | SIG-2 | DT-1 | DT-2 | LAM-1 | LAM-2 |
|---------|-----------|----------|----------|-----------|-----------|----------|----------|
| 0. | 0.00E-01 | 1.53E-01 | 0.00E-01 | -5.59E-10 | 0.00E-01 | 3.71E-03 | 0.00E-01 |
| 500. | -2.99E-03 | 1.53E-01 | 4.71E-03 | -5.58E-10 | -2.03E-11 | 3.71E-03 | 5.48E-06 |
| 1000. | -5.98E-03 | 1.53E-01 | 9.36E-03 | -5.56E-10 | -4.04E-11 | 3.72E-03 | 1.10E-05 |
| 2500. | -1.49E-02 | 1.49E-01 | 2.24E-02 | -5.39E-10 | -9.73E-11 | 3.76E-03 | 2.74E-05 |
| 5000. | -2.99E-02 | 1.37E-01 | 3.92E-02 | -4.89E-10 | -1.73E-10 | 3.89E-03 | 5.48E-05 |
| 7500. | -4.48E-02 | 1.23E-01 | 4.93E-02 | -4.29E-10 | -2.20E-10 | 4.01E-03 | 9.98E-05 |
| 10000. | -5.98E-02 | 1.11E-01 | 5.48E-02 | -3.71E-10 | -2.46E-10 | 4.07E-03 | 2.80E-04 |
| 25000. | -1.49E-01 | 7.50E-02 | 5.60E-02 | -1.86E-10 | -2.37E-10 | 3.68E-03 | 1.13E-03 |
| 50000. | -2.99E-01 | 4.93E-02 | 4.35E-02 | -1.02E-10 | -1.35E-10 | 2.47E-03 | 1.49E-03 |
| 100000. | -5.98E-01 | 2.35E-02 | 3.58E-02 | -2.05E-11 | -1.01E-10 | 2.18E-03 | 1.50E-03 |
| 150000. | -8.97E-01 | 1.45E-02 | 2.81E-02 | 3.91E-12 | -6.95E-11 | 1.84E-03 | 1.41E-03 |