

245CM(N,F) En=Thermal

S = 6.77113E+00 R = 5.71976E+02 F = 6.49573E-01 NS = 1.74680E-01 NA = 6.05688E+01

P1 = 3.16621E-02 P2 = 1.21389E+02 P3 = 1.78191E+01 P4 = 9.97067E-02 P5 = 1.37206E+02 P6 = 5.65849E+00 P7 = 6.27945E-02 P8 = 1.44020E+02 P9 = 8.98469E+00

6.000E+01 5.91966E-08
6.100E+01 1.09635E-07
6.200E+01 2.15770E-07
6.300E+01 4.46398E-07
6.400E+01 9.54537E-07
6.500E+01 2.07386E-06
6.600E+01 4.51530E-06
6.700E+01 9.75584E-06
6.800E+01 2.07837E-05
6.900E+01 4.34813E-05
7.000E+01 8.91075E-05
7.100E+01 1.78603E-04
7.200E+01 3.49796E-04
7.300E+01 6.69013E-04
7.400E+01 1.24908E-03
7.500E+01 2.27605E-03
7.600E+01 4.04707E-03
7.700E+01 7.02147E-03
7.800E+01 1.18854E-02
7.900E+01 1.96284E-02
8.000E+01 3.16244E-02
8.100E+01 4.97076E-02
8.200E+01 7.62216E-02
8.300E+01 1.14021E-01
8.400E+01 1.66397E-01
8.500E+01 2.36896E-01
8.600E+01 3.29029E-01
8.700E+01 4.45858E-01
8.800E+01 5.89515E-01
8.900E+01 7.60731E-01
9.000E+01 9.58534E-01
9.100E+01 1.18031E+00
9.200E+01 1.42249E+00
9.300E+01 1.68206E+00
9.400E+01 1.95890E+00
9.500E+01 2.25850E+00
9.600E+01 2.59415E+00
9.700E+01 2.98681E+00
9.800E+01 3.46113E+00
9.900E+01 4.03652E+00
1.000E+02 4.71446E+00
1.010E+02 5.46583E+00
1.020E+02 6.22409E+00
1.030E+02 6.89001E+00
1.040E+02 7.35005E+00
1.050E+02 7.50471E+00
1.060E+02 7.29774E+00
1.070E+02 6.73498E+00
1.080E+02 5.88518E+00
1.090E+02 4.86200E+00

1.100E+02 3.79453E+00
1.110E+02 2.79702E+00
1.120E+02 1.94799E+00
1.130E+02 1.28316E+00
1.140E+02 8.00976E-01
1.150E+02 4.75392E-01
1.160E+02 2.69795E-01
1.170E+02 1.47863E-01
1.180E+02 7.96953E-02
1.190E+02 4.37793E-02
1.200E+02 2.63326E-02
1.210E+02 1.96249E-02
1.220E+02 2.04094E-02
1.230E+02 2.90757E-02
1.240E+02 4.97587E-02
1.250E+02 9.13759E-02
1.260E+02 1.69290E-01
1.270E+02 3.06878E-01
1.280E+02 5.35756E-01
1.290E+02 8.93006E-01
1.300E+02 1.41399E+00
1.310E+02 2.12058E+00
1.320E+02 3.00704E+00
1.330E+02 4.02825E+00
1.340E+02 5.09670E+00
1.350E+02 6.09260E+00
1.360E+02 6.88752E+00
1.370E+02 7.37543E+00
1.380E+02 7.50056E+00
1.390E+02 7.27157E+00
1.400E+02 6.75642E+00
1.410E+02 6.06039E+00
1.420E+02 5.29606E+00
1.430E+02 4.55654E+00
1.440E+02 3.90002E+00
1.450E+02 3.34797E+00
1.460E+02 2.89375E+00
1.470E+02 2.51580E+00
1.480E+02 2.18970E+00
1.490E+02 1.89599E+00
1.500E+02 1.62320E+00
1.510E+02 1.36733E+00
1.520E+02 1.12935E+00
1.530E+02 9.12588E-01
1.540E+02 7.20494E-01
1.550E+02 5.55354E-01
1.560E+02 4.17752E-01
1.570E+02 3.06612E-01
1.580E+02 2.19552E-01
1.590E+02 1.53373E-01
1.600E+02 1.04523E-01
1.610E+02 6.94903E-02
1.620E+02 4.50704E-02
1.630E+02 2.85177E-02
1.640E+02 1.76036E-02
1.650E+02 1.06013E-02

1.660E+02 6.22877E-03
1.670E+02 3.57068E-03
1.680E+02 1.99726E-03
1.690E+02 1.09018E-03
1.700E+02 5.80789E-04
1.710E+02 3.02066E-04
1.720E+02 1.53436E-04
1.730E+02 7.61687E-05
1.740E+02 3.69923E-05
1.750E+02 1.76066E-05
1.760E+02 8.23534E-06
1.770E+02 3.80261E-06
1.780E+02 1.74564E-06
1.790E+02 8.05228E-07
1.800E+02 3.78749E-07

237NP(N,F) En=16.5 MeV

S = 5.80479E+00 R = 3.50420E+00 F = 2.04111E+00 NS = 2.49738E+01 NA =
2.87767E+01

P1 = 3.16621E-02 P2 = 1.16921E+02 P3 = 1.78191E+01 P4 = 1.01901E-01 P5 =
1.33321E+02 P6 = 5.53667E+00 P7 = 6.04596E-02 P8 = 1.40163E+02 P9 =
9.33168E+00

6.000E+01 3.70883E-05
6.100E+01 5.85142E-05
6.200E+01 9.42915E-05
6.300E+01 1.55217E-04
6.400E+01 2.60390E-04
6.500E+01 4.43170E-04
6.600E+01 7.60813E-04
6.700E+01 1.30958E-03
6.800E+01 2.24754E-03
6.900E+01 3.82777E-03
7.000E+01 6.44461E-03
7.100E+01 1.06950E-02
7.200E+01 1.74560E-02
7.300E+01 2.79751E-02
7.400E+01 4.39688E-02
7.500E+01 6.77144E-02
7.600E+01 1.02118E-01
7.700E+01 1.50732E-01
7.800E+01 2.17690E-01
7.900E+01 3.07535E-01
8.000E+01 4.24906E-01
8.100E+01 5.74087E-01
8.200E+01 7.58423E-01
8.300E+01 9.79662E-01
8.400E+01 1.23731E+00
8.500E+01 1.52814E+00
8.600E+01 1.84599E+00
8.700E+01 2.18214E+00
8.800E+01 2.52625E+00
8.900E+01 2.86809E+00
9.000E+01 3.19975E+00
9.100E+01 3.51777E+00
9.200E+01 3.82428E+00
9.300E+01 4.12601E+00
9.400E+01 4.43048E+00

9.500E+01 4.73959E+00
9.600E+01 5.04269E+00
9.700E+01 5.31221E+00
9.800E+01 5.50522E+00
9.900E+01 5.57231E+00
1.000E+02 5.47198E+00
1.010E+02 5.18555E+00
1.020E+02 4.72630E+00
1.030E+02 4.13884E+00
1.040E+02 3.48844E+00
1.050E+02 2.84476E+00
1.060E+02 2.26593E+00
1.070E+02 1.78854E+00
1.080E+02 1.42538E+00
1.090E+02 1.16977E+00
1.100E+02 1.00324E+00
1.110E+02 9.03132E-01
1.120E+02 8.48141E-01
1.130E+02 8.21163E-01
1.140E+02 8.09933E-01
1.150E+02 8.06445E-01
1.160E+02 8.05940E-01
1.170E+02 8.05994E-01
1.180E+02 8.05943E-01
1.190E+02 8.06706E-01
1.200E+02 8.11025E-01
1.210E+02 8.24103E-01
1.220E+02 8.54553E-01
1.230E+02 9.15381E-01
1.240E+02 1.02444E+00
1.250E+02 1.20351E+00
1.260E+02 1.47500E+00
1.270E+02 1.85610E+00
1.280E+02 2.35087E+00
1.290E+02 2.94294E+00
1.300E+02 3.59198E+00
1.310E+02 4.23719E+00
1.320E+02 4.80847E+00
1.330E+02 5.24278E+00
1.340E+02 5.49996E+00
1.350E+02 5.57199E+00
1.360E+02 5.48196E+00
1.370E+02 5.27367E+00
1.380E+02 4.99634E+00
1.390E+02 4.69092E+00
1.400E+02 4.38223E+00
1.410E+02 4.07855E+00
1.420E+02 3.77660E+00
1.430E+02 3.46864E+00
1.440E+02 3.14847E+00
1.450E+02 2.81485E+00
1.460E+02 2.47204E+00
1.470E+02 2.12848E+00
1.480E+02 1.79455E+00
1.490E+02 1.48043E+00
1.500E+02 1.19448E+00

1.510E+02 9.42419E-01
1.520E+02 7.27014E-01
1.530E+02 5.48371E-01
1.540E+02 4.04445E-01
1.550E+02 2.91701E-01
1.560E+02 2.05764E-01
1.570E+02 1.41984E-01
1.580E+02 9.58650E-02
1.590E+02 6.33564E-02
1.600E+02 4.10057E-02
1.610E+02 2.60084E-02
1.620E+02 1.61808E-02
1.630E+02 9.88663E-03
1.640E+02 5.94302E-03
1.650E+02 3.52272E-03
1.660E+02 2.06535E-03
1.670E+02 1.20246E-03
1.680E+02 6.98602E-04
1.690E+02 4.07324E-04
1.700E+02 2.39785E-04
1.710E+02 1.43324E-04
1.720E+02 8.73505E-05
1.730E+02 5.43915E-05
1.740E+02 3.45842E-05
1.750E+02 2.23932E-05
1.760E+02 1.47056E-05
1.770E+02 9.75061E-06
1.780E+02 6.50073E-06
1.790E+02 4.34283E-06
1.800E+02 2.89940E-06
237NP(N,F) En=5.5 MeV
S = 5.80479E+00 R = 1.03131E+01 F = 2.04111E+00 NS = 9.24808E+00 NA =
3.13622E+01
P1 = 3.16621E-02 P2 = 1.17527E+02 P3 = 1.78191E+01 P4 = 1.10981E-01 P5 =
1.33974E+02 P6 = 5.08366E+00 P7 = 6.58472E-02 P8 = 1.40843E+02 P9 =
8.56816E+00
6.000E+01 9.21599E-06
6.100E+01 1.37382E-05
6.200E+01 2.08296E-05
6.300E+01 3.23991E-05
6.400E+01 5.21099E-05
6.500E+01 8.70631E-05
6.600E+01 1.50977E-04
6.700E+01 2.69996E-04
6.800E+01 4.92934E-04
6.900E+01 9.08673E-04
7.000E+01 1.67452E-03
7.100E+01 3.06050E-03
7.200E+01 5.51522E-03
7.300E+01 9.75902E-03
7.400E+01 1.69078E-02
7.500E+01 2.86267E-02
7.600E+01 4.73033E-02
7.700E+01 7.62197E-02
7.800E+01 1.19685E-01
7.900E+01 1.83074E-01

8.000E+01 2.72716E-01
8.100E+01 3.95555E-01
8.200E+01 5.58539E-01
8.300E+01 7.67737E-01
8.400E+01 1.02721E+00
8.500E+01 1.33779E+00
8.600E+01 1.69595E+00
8.700E+01 2.09314E+00
8.800E+01 2.51584E+00
8.900E+01 2.94682E+00
9.000E+01 3.36775E+00
9.100E+01 3.76313E+00
9.200E+01 4.12461E+00
9.300E+01 4.45428E+00
9.400E+01 4.76441E+00
9.500E+01 5.07169E+00
9.600E+01 5.38603E+00
9.700E+01 5.69722E+00
9.800E+01 5.96619E+00
9.900E+01 6.12790E+00
1.000E+02 6.10874E+00
1.010E+02 5.85340E+00
1.020E+02 5.34986E+00
1.030E+02 4.63987E+00
1.040E+02 3.80922E+00
1.050E+02 2.96202E+00
1.060E+02 2.19119E+00
1.070E+02 1.55719E+00
1.080E+02 1.08166E+00
1.090E+02 7.54273E-01
1.100E+02 5.46305E-01
1.110E+02 4.23919E-01
1.120E+02 3.57068E-01
1.130E+02 3.23249E-01
1.140E+02 3.07572E-01
1.150E+02 3.01085E-01
1.160E+02 2.98807E-01
1.170E+02 2.98195E-01
1.180E+02 2.98184E-01
1.190E+02 2.98747E-01
1.200E+02 3.00887E-01
1.210E+02 3.07051E-01
1.220E+02 3.22052E-01
1.230E+02 3.54585E-01
1.240E+02 4.19171E-01
1.250E+02 5.37883E-01
1.260E+02 7.40419E-01
1.270E+02 1.06059E+00
1.280E+02 1.52771E+00
1.290E+02 2.15344E+00
1.300E+02 2.91814E+00
1.310E+02 3.76338E+00
1.320E+02 4.59758E+00
1.330E+02 5.31649E+00
1.340E+02 5.83260E+00
1.350E+02 6.10139E+00

1.360E+02 6.13208E+00
1.370E+02 5.97822E+00
1.380E+02 5.71316E+00
1.390E+02 5.40298E+00
1.400E+02 5.08831E+00
1.410E+02 4.78079E+00
1.420E+02 4.47123E+00
1.430E+02 4.14298E+00
1.440E+02 3.78336E+00
1.450E+02 3.38967E+00
1.460E+02 2.96976E+00
1.470E+02 2.53886E+00
1.480E+02 2.11526E+00
1.490E+02 1.71632E+00
1.500E+02 1.35581E+00
1.510E+02 1.04255E+00
1.520E+02 7.80326E-01
1.530E+02 5.68516E-01
1.540E+02 4.03200E-01
1.550E+02 2.78386E-01
1.560E+02 1.87146E-01
1.570E+02 1.22520E-01
1.580E+02 7.81339E-02
1.590E+02 4.85577E-02
1.600E+02 2.94249E-02
1.610E+02 1.74014E-02
1.620E+02 1.00559E-02
1.630E+02 5.68905E-03
1.640E+02 3.15976E-03
1.650E+02 1.72991E-03
1.660E+02 9.38971E-04
1.670E+02 5.09258E-04
1.680E+02 2.78716E-04
1.690E+02 1.55638E-04
1.700E+02 8.95847E-05
1.710E+02 5.35084E-05
1.720E+02 3.32035E-05
1.730E+02 2.13124E-05
1.740E+02 1.40406E-05
1.750E+02 9.41220E-06
1.760E+02 6.37170E-06
1.770E+02 4.33079E-06
1.780E+02 2.94364E-06
1.790E+02 1.99564E-06
1.800E+02 1.34731E-06

237NP(N,F) En=5 MeV

S = 5.80479E+00 R = 1.13175E+01 F = 2.04111E+00 NS = 8.46203E+00 NA =
3.14915E+01

P1 = 3.16621E-02 P2 = 1.17556E+02 P3 = 1.78191E+01 P4 = 1.11748E-01 P5 =
1.34006E+02 P6 = 5.04876E+00 P7 = 6.63023E-02 P8 = 1.40875E+02 P9 =
8.50935E+00

6.000E+01 8.28741E-06
6.100E+01 1.23113E-05
6.200E+01 1.85811E-05
6.300E+01 2.87475E-05
6.400E+01 4.59902E-05

6.500E+01 7.65171E-05
6.600E+01 1.32430E-04
6.700E+01 2.37025E-04
6.800E+01 4.34265E-04
6.900E+01 8.05062E-04
7.000E+01 1.49415E-03
7.100E+01 2.75257E-03
7.200E+01 5.00169E-03
7.300E+01 8.92487E-03
7.400E+01 1.55911E-02
7.500E+01 2.66105E-02
7.600E+01 4.43137E-02
7.700E+01 7.19335E-02
7.800E+01 1.13753E-01
7.900E+01 1.75167E-01
8.000E+01 2.62587E-01
8.100E+01 3.83122E-01
8.200E+01 5.43985E-01
8.300E+01 7.51589E-01
8.400E+01 1.01040E+00
8.500E+01 1.32165E+00
8.600E+01 1.68215E+00
8.700E+01 2.08350E+00
8.800E+01 2.51206E+00
8.900E+01 2.95015E+00
9.000E+01 3.37864E+00
9.100E+01 3.78097E+00
9.200E+01 4.14769E+00
9.300E+01 4.48016E+00
9.400E+01 4.79061E+00
9.500E+01 5.09670E+00
9.600E+01 5.41007E+00
9.700E+01 5.72230E+00
9.800E+01 5.99519E+00
9.900E+01 6.16291E+00
1.000E+02 6.14937E+00
1.010E+02 5.89622E+00
1.020E+02 5.38925E+00
1.030E+02 4.66997E+00
1.040E+02 3.82603E+00
1.050E+02 2.96457E+00
1.060E+02 2.18132E+00
1.070E+02 1.53839E+00
1.080E+02 1.05766E+00
1.090E+02 7.28026E-01
1.100E+02 5.19596E-01
1.110E+02 3.97536E-01
1.120E+02 3.31164E-01
1.130E+02 2.97697E-01
1.140E+02 2.82194E-01
1.150E+02 2.75752E-01
1.160E+02 2.73462E-01
1.170E+02 2.72829E-01
1.180E+02 2.72805E-01
1.190E+02 2.73338E-01
1.200E+02 2.75353E-01

1.210E+02 2.81146E-01
1.220E+02 2.95290E-01
1.230E+02 3.26147E-01
1.240E+02 3.87884E-01
1.250E+02 5.02358E-01
1.260E+02 6.99469E-01
1.270E+02 1.01394E+00
1.280E+02 1.47682E+00
1.290E+02 2.10207E+00
1.300E+02 2.87203E+00
1.310E+02 3.72904E+00
1.320E+02 4.58028E+00
1.330E+02 5.31840E+00
1.340E+02 5.85207E+00
1.350E+02 6.13376E+00
1.360E+02 6.17170E+00
1.370E+02 6.02046E+00
1.380E+02 5.75563E+00
1.390E+02 5.44530E+00
1.400E+02 5.13115E+00
1.410E+02 4.82458E+00
1.420E+02 4.51549E+00
1.430E+02 4.18625E+00
1.440E+02 3.82362E+00
1.450E+02 3.42497E+00
1.460E+02 2.99866E+00
1.470E+02 2.56070E+00
1.480E+02 2.13015E+00
1.490E+02 1.72502E+00
1.500E+02 1.35945E+00
1.510E+02 1.04247E+00
1.520E+02 7.77810E-01
1.530E+02 5.64679E-01
1.540E+02 3.98906E-01
1.550E+02 2.74232E-01
1.560E+02 1.83486E-01
1.570E+02 1.19511E-01
1.580E+02 7.57970E-02
1.590E+02 4.68287E-02
1.600E+02 2.81997E-02
1.610E+02 1.65666E-02
1.620E+02 9.50704E-03
1.630E+02 5.33985E-03
1.640E+02 2.94406E-03
1.650E+02 1.60010E-03
1.660E+02 8.62535E-04
1.670E+02 4.64979E-04
1.680E+02 2.53311E-04
1.690E+02 1.41083E-04
1.700E+02 8.11808E-05
1.710E+02 4.85744E-05
1.720E+02 3.02367E-05
1.730E+02 1.94789E-05
1.740E+02 1.28764E-05
1.750E+02 8.65605E-06
1.760E+02 5.87222E-06

1.770E+02 3.99732E-06
1.780E+02 2.71981E-06
1.790E+02 1.84522E-06
1.800E+02 1.24638E-06
237NP(N,F) En=Thermal
S = 5.80479E+00 R = 6.00302E+02 F = 2.04111E+00 NS = 1.66444E-01 NA =
3.28554E+01
P1 = 3.16621E-02 P2 = 1.17852E+02 P3 = 1.78191E+01 P4 = 1.30227E-01 P5 =
1.34325E+02 P6 = 4.33236E+00 P7 = 7.72662E-02 P8 = 1.41207E+02 P9 =
7.30190E+00
6.000E+01 1.40415E-07
6.100E+01 2.03767E-07
6.200E+01 2.98200E-07
6.300E+01 4.47293E-07
6.400E+01 7.07034E-07
6.500E+01 1.22113E-06
6.600E+01 2.36752E-06
6.700E+01 5.13131E-06
6.800E+01 1.20138E-05
6.900E+01 2.91495E-05
7.000E+01 7.10086E-05
7.100E+01 1.70345E-04
7.200E+01 3.98199E-04
7.300E+01 9.02042E-04
7.400E+01 1.97456E-03
7.500E+01 4.17049E-03
7.600E+01 8.49252E-03
7.700E+01 1.66662E-02
7.800E+01 3.15125E-02
7.900E+01 5.74015E-02
8.000E+01 1.00722E-01
8.100E+01 1.70241E-01
8.200E+01 2.77162E-01
8.300E+01 4.34637E-01
8.400E+01 6.56505E-01
8.500E+01 9.55135E-01
8.600E+01 1.33847E+00
8.700E+01 1.80664E+00
8.800E+01 2.34896E+00
8.900E+01 2.94220E+00
9.000E+01 3.55146E+00
9.100E+01 4.13451E+00
9.200E+01 4.65033E+00
9.300E+01 5.07101E+00
9.400E+01 5.39392E+00
9.500E+01 5.64765E+00
9.600E+01 5.88363E+00
9.700E+01 6.14871E+00
9.800E+01 6.44644E+00
9.900E+01 6.70873E+00
1.000E+02 6.80421E+00
1.010E+02 6.59186E+00
1.020E+02 5.99595E+00
1.030E+02 5.05664E+00
1.040E+02 3.92177E+00
1.050E+02 2.78463E+00

1.060E+02 1.80752E+00
1.070E+02 1.07410E+00
1.080E+02 5.87134E-01
1.090E+02 2.98069E-01
1.100E+02 1.42961E-01
1.110E+02 6.67116E-02
1.120E+02 3.17719E-02
1.130E+02 1.65253E-02
1.140E+02 1.00448E-02
1.150E+02 7.31738E-03
1.160E+02 6.18312E-03
1.170E+02 5.74389E-03
1.180E+02 5.65073E-03
1.190E+02 5.82901E-03
1.200E+02 6.42127E-03
1.210E+02 7.89708E-03
1.220E+02 1.14257E-02
1.230E+02 1.97931E-02
1.240E+02 3.93684E-02
1.250E+02 8.36883E-02
1.260E+02 1.78608E-01
1.270E+02 3.67041E-01
1.280E+02 7.08269E-01
1.290E+02 1.26492E+00
1.300E+02 2.07423E+00
1.310E+02 3.11157E+00
1.320E+02 4.26768E+00
1.330E+02 5.36415E+00
1.340E+02 6.21291E+00
1.350E+02 6.69349E+00
1.360E+02 6.80223E+00
1.370E+02 6.64153E+00
1.380E+02 6.35720E+00
1.390E+02 6.06554E+00
1.400E+02 5.81217E+00
1.410E+02 5.57673E+00
1.420E+02 5.30715E+00
1.430E+02 4.95680E+00
1.440E+02 4.50626E+00
1.450E+02 3.96672E+00
1.460E+02 3.37135E+00
1.470E+02 2.76264E+00
1.480E+02 2.18135E+00
1.490E+02 1.65920E+00
1.500E+02 1.21563E+00
1.510E+02 8.57877E-01
1.520E+02 5.83128E-01
1.530E+02 3.81785E-01
1.540E+02 2.40765E-01
1.550E+02 1.46249E-01
1.560E+02 8.55703E-02
1.570E+02 4.82280E-02
1.580E+02 2.61844E-02
1.590E+02 1.36960E-02
1.600E+02 6.90265E-03
1.610E+02 3.35299E-03

1.620E+02 1.57058E-03
1.630E+02 7.10086E-04
1.640E+02 3.10432E-04
1.650E+02 1.31684E-04
1.660E+02 5.45660E-05
1.670E+02 2.23697E-05
1.680E+02 9.28143E-06
1.690E+02 4.03802E-06
1.700E+02 1.92081E-06
1.710E+02 1.02660E-06
1.720E+02 6.12519E-07
1.730E+02 3.94992E-07
1.740E+02 2.65889E-07
1.750E+02 1.82370E-07
1.760E+02 1.25754E-07
1.770E+02 8.66098E-08
1.780E+02 5.94016E-08
1.790E+02 4.05195E-08
1.800E+02 2.74750E-08
239PU(N,F) En=0.17 MeV
S = 6.12078E+00 R = 2.02721E+02 F = 1.58607E+00 NS = 4.92075E-01 NA =
3.85736E+01
P1 = 3.16621E-02 P2 = 1.18678E+02 P3 = 1.78191E+01 P4 = 1.17248E-01 P5 =
1.34813E+02 P6 = 4.81193E+00 P7 = 7.10418E-02 P8 = 1.41636E+02 P9 =
7.94165E+00
6.000E+01 3.11367E-07
6.100E+01 4.60657E-07
6.200E+01 6.93563E-07
6.300E+01 1.08088E-06
6.400E+01 1.78153E-06
6.500E+01 3.16466E-06
6.600E+01 6.09247E-06
6.700E+01 1.25525E-05
6.800E+01 2.70194E-05
6.900E+01 5.92746E-05
7.000E+01 1.30007E-04
7.100E+01 2.81475E-04
7.200E+01 5.96917E-04
7.300E+01 1.23426E-03
7.400E+01 2.48185E-03
7.500E+01 4.84568E-03
7.600E+01 9.17823E-03
7.700E+01 1.68562E-02
7.800E+01 3.00068E-02
7.900E+01 5.17675E-02
8.000E+01 8.65405E-02
8.100E+01 1.40176E-01
8.200E+01 2.19989E-01
8.300E+01 3.34492E-01
8.400E+01 4.92743E-01
8.500E+01 7.03237E-01
8.600E+01 9.72364E-01
8.700E+01 1.30260E+00
8.800E+01 1.69076E+00
8.900E+01 2.12675E+00
9.000E+01 2.59350E+00

9.100E+01 3.06874E+00
9.200E+01 3.52902E+00
9.300E+01 3.95589E+00
9.400E+01 4.34302E+00
9.500E+01 4.70106E+00
9.600E+01 5.05616E+00
9.700E+01 5.43855E+00
9.800E+01 5.86165E+00
9.900E+01 6.29970E+00
1.000E+02 6.67690E+00
1.010E+02 6.88035E+00
1.020E+02 6.79770E+00
1.030E+02 6.36489E+00
1.040E+02 5.59973E+00
1.050E+02 4.60241E+00
1.060E+02 3.52182E+00
1.070E+02 2.50560E+00
1.080E+02 1.65827E+00
1.090E+02 1.02379E+00
1.100E+02 5.93179E-01
1.110E+02 3.26141E-01
1.120E+02 1.73570E-01
1.130E+02 9.24764E-02
1.140E+02 5.19003E-02
1.150E+02 3.25215E-02
1.160E+02 2.35747E-02
1.170E+02 1.95889E-02
1.180E+02 1.80072E-02
1.190E+02 1.77989E-02
1.200E+02 1.88280E-02
1.210E+02 2.17659E-02
1.220E+02 2.85131E-02
1.230E+02 4.32867E-02
1.240E+02 7.46318E-02
1.250E+02 1.38427E-01
1.260E+02 2.61240E-01
1.270E+02 4.82054E-01
1.280E+02 8.49022E-01
1.290E+02 1.40785E+00
1.300E+02 2.18144E+00
1.310E+02 3.14656E+00
1.320E+02 4.21963E+00
1.330E+02 5.26463E+00
1.340E+02 6.12731E+00
1.350E+02 6.68495E+00
1.360E+02 6.88854E+00
1.370E+02 6.77544E+00
1.380E+02 6.44610E+00
1.390E+02 6.01853E+00
1.400E+02 5.58460E+00
1.410E+02 5.18768E+00
1.420E+02 4.82598E+00
1.430E+02 4.47254E+00
1.440E+02 4.09790E+00
1.450E+02 3.68525E+00
1.460E+02 3.23522E+00

1.470E+02 2.76272E+00
1.480E+02 2.29022E+00
1.490E+02 1.84102E+00
1.500E+02 1.43433E+00
1.510E+02 1.08279E+00
1.520E+02 7.91964E-01
1.530E+02 5.61196E-01
1.540E+02 3.85273E-01
1.550E+02 2.56254E-01
1.560E+02 1.65131E-01
1.570E+02 1.03098E-01
1.580E+02 6.23677E-02
1.590E+02 3.65578E-02
1.600E+02 2.07661E-02
1.610E+02 1.14329E-02
1.620E+02 6.10233E-03
1.630E+02 3.15912E-03
1.640E+02 1.58740E-03
1.650E+02 7.75180E-04
1.660E+02 3.68687E-04
1.670E+02 1.71429E-04
1.680E+02 7.84297E-05
1.690E+02 3.56878E-05
1.700E+02 1.64250E-05
1.710E+02 7.82540E-06
1.720E+02 3.95892E-06
1.730E+02 2.16514E-06
1.740E+02 1.28128E-06
1.750E+02 8.07999E-07
1.760E+02 5.31322E-07
1.770E+02 3.57458E-07
1.780E+02 2.42855E-07
1.790E+02 1.65331E-07
1.800E+02 1.12309E-07

239PU(N,F) En=14 MeV

S = 6.12078E+00 R = 3.91301E+00 F = 1.58607E+00 NS = 2.26603E+01 NA = 3.42875E+01

P1 = 3.16621E-02 P2 = 1.17909E+02 P3 = 1.78191E+01 P4 = 9.44307E-02 P5 = 1.33984E+02 P6 = 5.97464E+00 P7 = 5.72165E-02 P8 = 1.40773E+02 P9 = 9.86061E+00

6.000E+01 2.87520E-05
6.100E+01 4.73745E-05
6.200E+01 7.93229E-05
6.300E+01 1.34549E-04
6.400E+01 2.30217E-04
6.500E+01 3.95455E-04
6.600E+01 6.78791E-04
6.700E+01 1.15941E-03
6.800E+01 1.96365E-03
6.900E+01 3.28841E-03
7.000E+01 5.43298E-03
7.100E+01 8.84053E-03
7.200E+01 1.41497E-02
7.300E+01 2.22548E-02
7.400E+01 3.43710E-02
7.500E+01 5.20975E-02

7.600E+01 7.74679E-02
7.700E+01 1.12973E-01
7.800E+01 1.61538E-01
7.900E+01 2.26438E-01
8.000E+01 3.11131E-01
8.100E+01 4.19005E-01
8.200E+01 5.53036E-01
8.300E+01 7.15384E-01
8.400E+01 9.06973E-01
8.500E+01 1.12712E+00
8.600E+01 1.37334E+00
8.700E+01 1.64138E+00
8.800E+01 1.92573E+00
8.900E+01 2.22049E+00
9.000E+01 2.52071E+00
9.100E+01 2.82385E+00
9.200E+01 3.13081E+00
9.300E+01 3.44600E+00
9.400E+01 3.77561E+00
9.500E+01 4.12399E+00
9.600E+01 4.48862E+00
9.700E+01 4.85522E+00
9.800E+01 5.19516E+00
9.900E+01 5.46734E+00
1.000E+02 5.62517E+00
1.010E+02 5.62755E+00
1.020E+02 5.45061E+00
1.030E+02 5.09608E+00
1.040E+02 4.59306E+00
1.050E+02 3.99246E+00
1.060E+02 3.35570E+00
1.070E+02 2.74176E+00
1.080E+02 2.19651E+00
1.090E+02 1.74699E+00
1.100E+02 1.40123E+00
1.110E+02 1.15230E+00
1.120E+02 9.84189E-01
1.130E+02 8.77632E-01
1.140E+02 8.14287E-01
1.150E+02 7.79095E-01
1.160E+02 7.61038E-01
1.170E+02 7.52943E-01
1.180E+02 7.50922E-01
1.190E+02 7.53893E-01
1.200E+02 7.63427E-01
1.210E+02 7.83970E-01
1.220E+02 8.23358E-01
1.230E+02 8.93352E-01
1.240E+02 1.00970E+00
1.250E+02 1.19115E+00
1.260E+02 1.45675E+00
1.270E+02 1.82129E+00
1.280E+02 2.28941E+00
1.290E+02 2.84980E+00
1.300E+02 3.47182E+00
1.310E+02 4.10662E+00

1.320E+02 4.69386E+00
1.330E+02 5.17306E+00
1.340E+02 5.49658E+00
1.350E+02 5.64010E+00
1.360E+02 5.60692E+00
1.370E+02 5.42483E+00
1.380E+02 5.13684E+00
1.390E+02 4.78927E+00
1.400E+02 4.42132E+00
1.410E+02 4.05899E+00
1.420E+02 3.71412E+00
1.430E+02 3.38758E+00
1.440E+02 3.07434E+00
1.450E+02 2.76832E+00
1.460E+02 2.46567E+00
1.470E+02 2.16616E+00
1.480E+02 1.87289E+00
1.490E+02 1.59107E+00
1.500E+02 1.32663E+00
1.510E+02 1.08490E+00
1.520E+02 8.69832E-01
1.530E+02 6.83580E-01
1.540E+02 5.26511E-01
1.550E+02 3.97445E-01
1.560E+02 2.94041E-01
1.570E+02 2.13219E-01
1.580E+02 1.51556E-01
1.590E+02 1.05610E-01
1.600E+02 7.21608E-02
1.610E+02 4.83579E-02
1.620E+02 3.17937E-02
1.630E+02 2.05168E-02
1.640E+02 1.30023E-02
1.650E+02 8.09858E-03
1.660E+02 4.96267E-03
1.670E+02 2.99593E-03
1.680E+02 1.78498E-03
1.690E+02 1.05205E-03
1.700E+02 6.15208E-04
1.710E+02 3.58246E-04
1.720E+02 2.08630E-04
1.730E+02 1.22084E-04
1.740E+02 7.21232E-05
1.750E+02 4.31930E-05
1.760E+02 2.62966E-05
1.770E+02 1.62931E-05
1.780E+02 1.02654E-05
1.790E+02 6.56174E-06
1.800E+02 4.24145E-06

239PU(N,F) En=15 MeV

S = 6.12078E+00 R = 3.65557E+00 F = 1.58607E+00 NS = 2.40641E+01 NA =
3.40161E+01

P1 = 3.16621E-02 P2 = 1.17857E+02 P3 = 1.78191E+01 P4 = 9.39076E-02 P5 =
1.33927E+02 P6 = 6.00792E+00 P7 = 5.68996E-02 P8 = 1.40714E+02 P9 =
9.91553E+00

6.000E+01 3.20304E-05

6.100E+01 5.29077E-05
6.200E+01 8.86926E-05
6.300E+01 1.50397E-04
6.400E+01 2.56879E-04
6.500E+01 4.39908E-04
6.600E+01 7.52005E-04
6.700E+01 1.27822E-03
6.800E+01 2.15323E-03
6.900E+01 3.58533E-03
7.000E+01 5.88878E-03
7.100E+01 9.52552E-03
7.200E+01 1.51564E-02
7.300E+01 2.37003E-02
7.400E+01 3.63969E-02
7.500E+01 5.48661E-02
7.600E+01 8.11532E-02
7.700E+01 1.17745E-01
7.800E+01 1.67541E-01
7.900E+01 2.33760E-01
8.000E+01 3.19770E-01
8.100E+01 4.28831E-01
8.200E+01 5.63761E-01
8.300E+01 7.26544E-01
8.400E+01 9.17925E-01
8.500E+01 1.13708E+00
8.600E+01 1.38142E+00
8.700E+01 1.64674E+00
8.800E+01 1.92767E+00
8.900E+01 2.21860E+00
9.000E+01 2.51501E+00
9.100E+01 2.81480E+00
9.200E+01 3.11921E+00
9.300E+01 3.43277E+00
9.400E+01 3.76140E+00
9.500E+01 4.10879E+00
9.600E+01 4.47154E+00
9.700E+01 4.83452E+00
9.800E+01 5.16877E+00
9.900E+01 5.43361E+00
1.000E+02 5.58374E+00
1.010E+02 5.57994E+00
1.020E+02 5.40022E+00
1.030E+02 5.04762E+00
1.040E+02 4.55154E+00
1.050E+02 3.96204E+00
1.060E+02 3.33892E+00
1.070E+02 2.73925E+00
1.080E+02 2.20722E+00
1.090E+02 1.76875E+00
1.100E+02 1.43147E+00
1.110E+02 1.18853E+00
1.120E+02 1.02441E+00
1.130E+02 9.20357E-01
1.140E+02 8.58530E-01
1.150E+02 8.24238E-01
1.160E+02 8.06714E-01

1.170E+02 7.98948E-01
1.180E+02 7.97178E-01
1.190E+02 8.00453E-01
1.200E+02 8.10500E-01
1.210E+02 8.31960E-01
1.220E+02 8.72873E-01
1.230E+02 9.45144E-01
1.240E+02 1.06450E+00
1.250E+02 1.24936E+00
1.260E+02 1.51804E+00
1.270E+02 1.88418E+00
1.280E+02 2.35101E+00
1.290E+02 2.90594E+00
1.300E+02 3.51757E+00
1.310E+02 4.13722E+00
1.320E+02 4.70585E+00
1.330E+02 5.16517E+00
1.340E+02 5.47009E+00
1.350E+02 5.59848E+00
1.360E+02 5.55494E+00
1.370E+02 5.36741E+00
1.380E+02 5.07805E+00
1.390E+02 4.73183E+00
1.400E+02 4.36656E+00
1.410E+02 4.00725E+00
1.420E+02 3.66530E+00
1.430E+02 3.34156E+00
1.440E+02 3.03122E+00
1.450E+02 2.72847E+00
1.460E+02 2.42962E+00
1.470E+02 2.13444E+00
1.480E+02 1.84584E+00
1.490E+02 1.56880E+00
1.500E+02 1.30899E+00
1.510E+02 1.07150E+00
1.520E+02 8.60128E-01
1.530E+02 6.76938E-01
1.540E+02 5.22281E-01
1.550E+02 3.95017E-01
1.560E+02 2.92882E-01
1.570E+02 2.12893E-01
1.580E+02 1.51726E-01
1.590E+02 1.06034E-01
1.600E+02 7.26773E-02
1.610E+02 4.88675E-02
1.620E+02 3.22438E-02
1.630E+02 2.08862E-02
1.640E+02 1.32893E-02
1.650E+02 8.31184E-03
1.660E+02 5.11531E-03
1.670E+02 3.10165E-03
1.680E+02 1.85611E-03
1.690E+02 1.09868E-03
1.700E+02 6.45088E-04
1.710E+02 3.77010E-04
1.720E+02 2.20214E-04

1.730E+02 1.29138E-04
1.740E+02 7.63757E-05
1.750E+02 4.57409E-05
1.760E+02 2.78203E-05
1.770E+02 1.72062E-05
1.780E+02 1.08159E-05
1.790E+02 6.89637E-06
1.800E+02 4.44696E-06
239PU(N,F) En=7.9 MeV
S = 6.12078E+00 R = 6.87064E+00 F = 1.58607E+00 NS = 1.35673E+01 NA =
3.60456E+01
P1 = 3.16621E-02 P2 = 1.18237E+02 P3 = 1.78191E+01 P4 = 9.87638E-02 P5 =
1.34337E+02 P6 = 5.71251E+00 P7 = 5.98420E-02 P8 = 1.41141E+02 P9 =
9.42799E+00
6.000E+01 1.25878E-05
6.100E+01 2.01519E-05
6.200E+01 3.30455E-05
6.300E+01 5.55226E-05
6.400E+01 9.53318E-05
6.500E+01 1.66425E-04
6.600E+01 2.93518E-04
6.700E+01 5.19530E-04
6.800E+01 9.17360E-04
6.900E+01 1.60785E-03
7.000E+01 2.78623E-03
7.100E+01 4.75945E-03
7.200E+01 7.99667E-03
7.300E+01 1.31940E-02
7.400E+01 2.13530E-02
7.500E+01 3.38678E-02
7.600E+01 5.26143E-02
7.700E+01 8.00235E-02
7.800E+01 1.19122E-01
7.900E+01 1.73510E-01
8.000E+01 2.47255E-01
8.100E+01 3.44668E-01
8.200E+01 4.69951E-01
8.300E+01 6.26731E-01
8.400E+01 8.17483E-01
8.500E+01 1.04295E+00
8.600E+01 1.30164E+00
8.700E+01 1.58954E+00
8.800E+01 1.90031E+00
8.900E+01 2.22597E+00
9.000E+01 2.55835E+00
9.100E+01 2.89100E+00
9.200E+01 3.22127E+00
9.300E+01 3.55164E+00
9.400E+01 3.88931E+00
9.500E+01 4.24309E+00
9.600E+01 4.61758E+00
9.700E+01 5.00594E+00
9.800E+01 5.38388E+00
9.900E+01 5.70843E+00
1.000E+02 5.92379E+00
1.010E+02 5.97419E+00

1.020E+02 5.82012E+00
1.030E+02 5.45214E+00
1.040E+02 4.89679E+00
1.050E+02 4.21176E+00
1.060E+02 3.47212E+00
1.070E+02 2.75266E+00
1.080E+02 2.11260E+00
1.090E+02 1.58704E+00
1.100E+02 1.18625E+00
1.110E+02 9.01082E-01
1.120E+02 7.11106E-01
1.130E+02 5.92277E-01
1.140E+02 5.22362E-01
1.150E+02 4.83665E-01
1.160E+02 4.63623E-01
1.170E+02 4.54202E-01
1.180E+02 4.50925E-01
1.190E+02 4.52049E-01
1.200E+02 4.58185E-01
1.210E+02 4.72438E-01
1.220E+02 5.01037E-01
1.230E+02 5.54286E-01
1.240E+02 6.47429E-01
1.250E+02 8.00742E-01
1.260E+02 1.03792E+00
1.270E+02 1.38194E+00
1.280E+02 1.84835E+00
1.290E+02 2.43699E+00
1.300E+02 3.12487E+00
1.310E+02 3.86362E+00
1.320E+02 4.58426E+00
1.330E+02 5.20965E+00
1.340E+02 5.67178E+00
1.350E+02 5.92814E+00
1.360E+02 5.97120E+00
1.370E+02 5.82759E+00
1.380E+02 5.54742E+00
1.390E+02 5.18839E+00
1.400E+02 4.80075E+00
1.410E+02 4.41786E+00
1.420E+02 4.05432E+00
1.430E+02 3.71004E+00
1.440E+02 3.37731E+00
1.450E+02 3.04763E+00
1.460E+02 2.71607E+00
1.470E+02 2.38295E+00
1.480E+02 2.05314E+00
1.490E+02 1.73428E+00
1.500E+02 1.43463E+00
1.510E+02 1.16146E+00
1.520E+02 9.19932E-01
1.530E+02 7.12709E-01
1.540E+02 5.40062E-01
1.550E+02 4.00264E-01
1.560E+02 2.90157E-01
1.570E+02 2.05748E-01

1.580E+02 1.42724E-01
1.590E+02 9.68686E-02
1.600E+02 6.43393E-02
1.610E+02 4.18308E-02
1.620E+02 2.66322E-02
1.630E+02 1.66123E-02
1.640E+02 1.01597E-02
1.650E+02 6.09799E-03
1.660E+02 3.59706E-03
1.670E+02 2.08924E-03
1.680E+02 1.19793E-03
1.690E+02 6.80435E-04
1.700E+02 3.84596E-04
1.710E+02 2.17522E-04
1.720E+02 1.23897E-04
1.730E+02 7.15410E-05
1.740E+02 4.21236E-05
1.750E+02 2.53902E-05
1.760E+02 1.56840E-05
1.770E+02 9.91147E-06
1.780E+02 6.38270E-06
1.790E+02 4.16775E-06
1.800E+02 2.74581E-06
242PU(N,F) En=15.1 MeV
S = 6.59319E+00 R = 3.92335E+00 F = 9.05810E-01 NS = 2.26073E+01 NA =
4.65400E+01
P1 = 3.16621E-02 P2 = 1.19295E+02 P3 = 1.78191E+01 P4 = 9.10633E-02 P5 =
1.36012E+02 P6 = 6.19558E+00 P7 = 5.56914E-02 P8 = 1.42989E+02 P9 =
1.01306E+01
6.000E+01 2.12852E-05
6.100E+01 3.62535E-05
6.200E+01 6.23427E-05
6.300E+01 1.07805E-04
6.400E+01 1.86674E-04
6.500E+01 3.22396E-04
6.600E+01 5.53392E-04
6.700E+01 9.41322E-04
6.800E+01 1.58299E-03
6.900E+01 2.62690E-03
7.000E+01 4.29547E-03
7.100E+01 6.91352E-03
7.200E+01 1.09432E-02
7.300E+01 1.70245E-02
7.400E+01 2.60181E-02
7.500E+01 3.90473E-02
7.600E+01 5.75311E-02
7.700E+01 8.31988E-02
7.800E+01 1.18077E-01
7.900E+01 1.64436E-01
8.000E+01 2.24686E-01
8.100E+01 3.01215E-01
8.200E+01 3.96178E-01
8.300E+01 5.11244E-01
8.400E+01 6.47337E-01
8.500E+01 8.04422E-01
8.600E+01 9.81415E-01

8.700E+01 1.17631E+00
8.800E+01 1.38661E+00
8.900E+01 1.61015E+00
9.000E+01 1.84619E+00
9.100E+01 2.09672E+00
9.200E+01 2.36739E+00
9.300E+01 2.66753E+00
9.400E+01 3.00859E+00
9.500E+01 3.40055E+00
9.600E+01 3.84662E+00
9.700E+01 4.33739E+00
9.800E+01 4.84643E+00
9.900E+01 5.32970E+00
1.000E+02 5.73030E+00
1.010E+02 5.98864E+00
1.020E+02 6.05573E+00
1.030E+02 5.90574E+00
1.040E+02 5.54379E+00
1.050E+02 5.00610E+00
1.060E+02 4.35236E+00
1.070E+02 3.65282E+00
1.080E+02 2.97412E+00
1.090E+02 2.36805E+00
1.100E+02 1.86566E+00
1.110E+02 1.47708E+00
1.120E+02 1.19587E+00
1.130E+02 1.00523E+00
1.140E+02 8.84273E-01
1.150E+02 8.12650E-01
1.160E+02 7.73314E-01
1.170E+02 7.53495E-01
1.180E+02 7.44589E-01
1.190E+02 7.41551E-01
1.200E+02 7.42283E-01
1.210E+02 7.47317E-01
1.220E+02 7.59901E-01
1.230E+02 7.86456E-01
1.240E+02 8.37238E-01
1.250E+02 9.26805E-01
1.260E+02 1.07376E+00
1.270E+02 1.29912E+00
1.280E+02 1.62276E+00
1.290E+02 2.05804E+00
1.300E+02 2.60531E+00
1.310E+02 3.24615E+00
1.320E+02 3.94071E+00
1.330E+02 4.63004E+00
1.340E+02 5.24441E+00
1.350E+02 5.71618E+00
1.360E+02 5.99391E+00
1.370E+02 6.05365E+00
1.380E+02 5.90345E+00
1.390E+02 5.57993E+00
1.400E+02 5.13810E+00
1.410E+02 4.63794E+00
1.420E+02 4.13201E+00

1.430E+02 3.65741E+00
1.440E+02 3.23323E+00
1.450E+02 2.86306E+00
1.460E+02 2.54017E+00
1.470E+02 2.25343E+00
1.480E+02 1.99196E+00
1.490E+02 1.74783E+00
1.500E+02 1.51698E+00
1.510E+02 1.29867E+00
1.520E+02 1.09438E+00
1.530E+02 9.06539E-01
1.540E+02 7.37514E-01
1.550E+02 5.88966E-01
1.560E+02 4.61549E-01
1.570E+02 3.54886E-01
1.580E+02 2.67718E-01
1.590E+02 1.98144E-01
1.600E+02 1.43885E-01
1.610E+02 1.02520E-01
1.620E+02 7.16808E-02
1.630E+02 4.91879E-02
1.640E+02 3.31324E-02
1.650E+02 2.19122E-02
1.660E+02 1.42329E-02
1.670E+02 9.08353E-03
1.680E+02 5.69903E-03
1.690E+02 3.51757E-03
1.700E+02 2.13789E-03
1.710E+02 1.28105E-03
1.720E+02 7.58021E-04
1.730E+02 4.43837E-04
1.740E+02 2.57822E-04
1.750E+02 1.49056E-04
1.760E+02 8.60855E-05
1.770E+02 4.98707E-05
1.780E+02 2.91017E-05
1.790E+02 1.71709E-05
1.800E+02 1.02733E-05

233U(N,F) En=1 MeV

S = 4.81589E+00 R = 4.87721E+01 F = 3.46512E+00 NS = 2.02954E+00 NA =
2.21686E+01

P1 = 3.16621E-02 P2 = 1.15910E+02 P3 = 1.78191E+01 P4 = 1.38622E-01 P5 =
1.32263E+02 P6 = 4.06999E+00 P7 = 7.95480E-02 P8 = 1.39069E+02 P9 =
7.09244E+00

6.000E+01 3.41039E-06
6.100E+01 4.84215E-06
6.200E+01 6.84633E-06
6.300E+01 9.66510E-06
6.400E+01 1.36975E-05
6.500E+01 1.96899E-05
6.600E+01 2.92160E-05
6.700E+01 4.58562E-05
6.800E+01 7.79942E-05
6.900E+01 1.45155E-04
7.000E+01 2.91677E-04
7.100E+01 6.14703E-04

7.200E+01 1.31835E-03
7.300E+01 2.81259E-03
7.400E+01 5.88248E-03
7.500E+01 1.19584E-02
7.600E+01 2.35145E-02
7.700E+01 4.46029E-02
7.800E+01 8.14867E-02
7.900E+01 1.43260E-01
8.000E+01 2.42244E-01
8.100E+01 3.93859E-01
8.200E+01 6.15613E-01
8.300E+01 9.24921E-01
8.400E+01 1.33568E+00
8.500E+01 1.85387E+00
8.600E+01 2.47303E+00
8.700E+01 3.17071E+00
8.800E+01 3.90744E+00
8.900E+01 4.62959E+00
9.000E+01 5.27698E+00
9.100E+01 5.79519E+00
9.200E+01 6.15083E+00
9.300E+01 6.34473E+00
9.400E+01 6.41477E+00
9.500E+01 6.41985E+00
9.600E+01 6.40447E+00
9.700E+01 6.36004E+00
9.800E+01 6.21205E+00
9.900E+01 5.85402E+00
1.000E+02 5.21589E+00
1.010E+02 4.32189E+00
1.020E+02 3.29400E+00
1.030E+02 2.29756E+00
1.040E+02 1.46825E+00
1.050E+02 8.67552E-01
1.060E+02 4.84353E-01
1.070E+02 2.66417E-01
1.080E+02 1.54379E-01
1.090E+02 1.01513E-01
1.100E+02 7.83142E-02
1.110E+02 6.88428E-02
1.120E+02 6.53758E-02
1.130E+02 6.43959E-02
1.140E+02 6.43315E-02
1.150E+02 6.44803E-02
1.160E+02 6.45457E-02
1.170E+02 6.44546E-02
1.180E+02 6.43140E-02
1.190E+02 6.44745E-02
1.200E+02 6.57486E-02
1.210E+02 6.99530E-02
1.220E+02 8.11497E-02
1.230E+02 1.08190E-01
1.240E+02 1.69046E-01
1.250E+02 2.96187E-01
1.260E+02 5.39318E-01
1.270E+02 9.58480E-01

1.280E+02 1.60127E+00
1.290E+02 2.46757E+00
1.300E+02 3.48138E+00
1.310E+02 4.49712E+00
1.320E+02 5.35171E+00
1.330E+02 5.93807E+00
1.340E+02 6.25113E+00
1.350E+02 6.37276E+00
1.360E+02 6.40822E+00
1.370E+02 6.42123E+00
1.380E+02 6.40872E+00
1.390E+02 6.32051E+00
1.400E+02 6.09933E+00
1.410E+02 5.71338E+00
1.420E+02 5.16866E+00
1.430E+02 4.50345E+00
1.440E+02 3.77429E+00
1.450E+02 3.04096E+00
1.460E+02 2.35498E+00
1.470E+02 1.75282E+00
1.480E+02 1.25390E+00
1.490E+02 8.62124E-01
1.500E+02 5.69746E-01
1.510E+02 3.61934E-01
1.520E+02 2.21039E-01
1.530E+02 1.29804E-01
1.540E+02 7.33211E-02
1.550E+02 3.98601E-02
1.560E+02 2.08755E-02
1.570E+02 1.05504E-02
1.580E+02 5.16112E-03
1.590E+02 2.45699E-03
1.600E+02 1.14910E-03
1.610E+02 5.36434E-04
1.620E+02 2.56125E-04
1.630E+02 1.28989E-04
1.640E+02 7.04171E-05
1.650E+02 4.20598E-05
1.660E+02 2.71224E-05
1.670E+02 1.84138E-05
1.680E+02 1.28561E-05
1.690E+02 9.08312E-06
1.700E+02 6.43419E-06
1.710E+02 4.54788E-06
1.720E+02 3.20022E-06
1.730E+02 2.23951E-06
1.740E+02 1.55785E-06
1.750E+02 1.07701E-06
1.760E+02 7.39941E-07
1.770E+02 5.05181E-07
1.780E+02 3.42739E-07
1.790E+02 2.31071E-07
1.800E+02 1.54808E-07

233U(N,F) En=Thermal

S = 4.81589E+00 R = 5.62163E+02 F = 3.46512E+00 NS = 1.77726E-01 NA =
2.23759E+01

P1 = 3.16621E-02 P2 = 1.15971E+02 P3 = 1.78191E+01 P4 = 1.46756E-01 P5 =
1.32329E+02 P6 = 3.84441E+00 P7 = 8.42157E-02 P8 = 1.39137E+02 P9 =
6.69934E+00
6.000E+01 2.92237E-07
6.100E+01 4.15163E-07
6.200E+01 5.87886E-07
6.300E+01 8.33857E-07
6.400E+01 1.19851E-06
6.500E+01 1.78860E-06
6.600E+01 2.88966E-06
6.700E+01 5.30277E-06
6.800E+01 1.12661E-05
6.900E+01 2.68468E-05
7.000E+01 6.78215E-05
7.100E+01 1.73329E-04
7.200E+01 4.35757E-04
7.300E+01 1.06224E-03
7.400E+01 2.49321E-03
7.500E+01 5.61556E-03
7.600E+01 1.21175E-02
7.700E+01 2.50305E-02
7.800E+01 4.94745E-02
7.900E+01 9.35528E-02
8.000E+01 1.69218E-01
8.100E+01 2.92766E-01
8.200E+01 4.84471E-01
8.300E+01 7.66788E-01
8.400E+01 1.16075E+00
8.500E+01 1.68058E+00
8.600E+01 2.32718E+00
8.700E+01 3.08217E+00
8.800E+01 3.90441E+00
8.900E+01 4.73130E+00
9.000E+01 5.48656E+00
9.100E+01 6.09487E+00
9.200E+01 6.50200E+00
9.300E+01 6.69554E+00
9.400E+01 6.71599E+00
9.500E+01 6.64461E+00
9.600E+01 6.56058E+00
9.700E+01 6.48240E+00
9.800E+01 6.33464E+00
9.900E+01 5.98040E+00
1.000E+02 5.31380E+00
1.010E+02 4.34830E+00
1.020E+02 3.22915E+00
1.030E+02 2.15894E+00
1.040E+02 1.29680E+00
1.050E+02 7.02460E-01
1.060E+02 3.46909E-01
1.070E+02 1.59520E-01
1.080E+02 7.08423E-02
1.090E+02 3.22094E-02
1.100E+02 1.62417E-02
1.110E+02 9.80206E-03
1.120E+02 7.23369E-03

1.130E+02 6.23104E-03
1.140E+02 5.86023E-03
1.150E+02 5.73762E-03
1.160E+02 5.71102E-03
1.170E+02 5.74125E-03
1.180E+02 5.87257E-03
1.190E+02 6.26607E-03
1.200E+02 7.32551E-03
1.210E+02 1.00341E-02
1.220E+02 1.68208E-02
1.230E+02 3.36346E-02
1.240E+02 7.42258E-02
1.250E+02 1.67029E-01
1.260E+02 3.62048E-01
1.270E+02 7.29563E-01
1.280E+02 1.33915E+00
1.290E+02 2.21587E+00
1.300E+02 3.29401E+00
1.310E+02 4.40977E+00
1.320E+02 5.36098E+00
1.330E+02 6.00862E+00
1.340E+02 6.34734E+00
1.350E+02 6.48764E+00
1.360E+02 6.56500E+00
1.370E+02 6.64963E+00
1.380E+02 6.71817E+00
1.390E+02 6.68974E+00
1.400E+02 6.48452E+00
1.410E+02 6.06501E+00
1.420E+02 5.44650E+00
1.430E+02 4.68499E+00
1.440E+02 3.85637E+00
1.450E+02 3.03649E+00
1.460E+02 2.28683E+00
1.470E+02 1.64722E+00
1.480E+02 1.13481E+00
1.490E+02 7.47733E-01
1.500E+02 4.71224E-01
1.510E+02 2.84034E-01
1.520E+02 1.63752E-01
1.530E+02 9.03000E-02
1.540E+02 4.76328E-02
1.550E+02 2.40376E-02
1.560E+02 1.16075E-02
1.570E+02 5.36586E-03
1.580E+02 2.37658E-03
1.590E+02 1.01023E-03
1.600E+02 4.13591E-04
1.610E+02 1.64277E-04
1.620E+02 6.42631E-05
1.630E+02 2.54867E-05
1.640E+02 1.07500E-05
1.650E+02 5.10050E-06
1.660E+02 2.80259E-06
1.670E+02 1.74502E-06
1.680E+02 1.17296E-06

1.690E+02 8.17119E-07
1.700E+02 5.76270E-07
1.710E+02 4.06921E-07
1.720E+02 2.86361E-07
1.730E+02 2.00466E-07
1.740E+02 1.39505E-07
1.750E+02 9.64844E-08
1.760E+02 6.63142E-08
1.770E+02 4.52924E-08
1.780E+02 3.07405E-08
1.790E+02 2.07329E-08
1.800E+02 1.38955E-08
238U(N,F) En=1.6 MeV
S = 6.08391E+00 R = 3.50994E+01 F = 1.63917E+00 NS = 2.80903E+00 NA =
3.73585E+01
P1 = 3.16621E-02 P2 = 1.18246E+02 P3 = 1.78191E+01 P4 = 1.27764E-01 P5 =
1.35602E+02 P6 = 4.41588E+00 P7 = 7.48653E-02 P8 = 1.42705E+02 P9 =
7.53606E+00
6.000E+01 2.04484E-06
6.100E+01 2.95719E-06
6.200E+01 4.27437E-06
6.300E+01 6.20929E-06
6.400E+01 9.15303E-06
6.500E+01 1.38961E-05
6.600E+01 2.21464E-05
6.700E+01 3.77056E-05
6.800E+01 6.90503E-05
6.900E+01 1.34756E-04
7.000E+01 2.74402E-04
7.100E+01 5.69471E-04
7.200E+01 1.18143E-03
7.300E+01 2.41747E-03
7.400E+01 4.83768E-03
7.500E+01 9.41882E-03
7.600E+01 1.77872E-02
7.700E+01 3.25220E-02
7.800E+01 5.75093E-02
7.900E+01 9.82883E-02
8.000E+01 1.62291E-01
8.100E+01 2.58824E-01
8.200E+01 3.98627E-01
8.300E+01 5.92835E-01
8.400E+01 8.51291E-01
8.500E+01 1.18027E+00
8.600E+01 1.57994E+00
8.700E+01 2.04202E+00
8.800E+01 2.54853E+00
8.900E+01 3.07224E+00
9.000E+01 3.57997E+00
9.100E+01 4.03909E+00
9.200E+01 4.42722E+00
9.300E+01 4.74300E+00
9.400E+01 5.01332E+00
9.500E+01 5.28929E+00
9.600E+01 5.62498E+00
9.700E+01 6.04092E+00

9.800E+01 6.48877E+00
9.900E+01 6.84292E+00
1.000E+02 6.93737E+00
1.010E+02 6.63868E+00
1.020E+02 5.91677E+00
1.030E+02 4.86926E+00
1.040E+02 3.68330E+00
1.050E+02 2.55863E+00
1.060E+02 1.63752E+00
1.070E+02 9.74957E-01
1.080E+02 5.51663E-01
1.090E+02 3.09381E-01
1.100E+02 1.84199E-01
1.110E+02 1.25476E-01
1.120E+02 1.00476E-01
1.130E+02 9.10309E-02
1.140E+02 8.81834E-02
1.150E+02 8.78782E-02
1.160E+02 8.83660E-02
1.170E+02 8.89019E-02
1.180E+02 8.91742E-02
1.190E+02 8.90787E-02
1.200E+02 8.86492E-02
1.210E+02 8.80797E-02
1.220E+02 8.78584E-02
1.230E+02 8.91354E-02
1.240E+02 9.46028E-02
1.250E+02 1.10379E-01
1.260E+02 1.49464E-01
1.270E+02 2.36781E-01
1.280E+02 4.14087E-01
1.290E+02 7.40132E-01
1.300E+02 1.27935E+00
1.310E+02 2.07493E+00
1.320E+02 3.11202E+00
1.330E+02 4.29051E+00
1.340E+02 5.43219E+00
1.350E+02 6.33347E+00
1.360E+02 6.84456E+00
1.370E+02 6.93181E+00
1.380E+02 6.68468E+00
1.390E+02 6.26327E+00
1.400E+02 5.82051E+00
1.410E+02 5.44430E+00
1.420E+02 5.14460E+00
1.430E+02 4.87879E+00
1.440E+02 4.59050E+00
1.450E+02 4.23945E+00
1.460E+02 3.81349E+00
1.470E+02 3.32595E+00
1.480E+02 2.80579E+00
1.490E+02 2.28695E+00
1.500E+02 1.80017E+00
1.510E+02 1.36819E+00
1.520E+02 1.00401E+00
1.530E+02 7.11350E-01

1.540E+02 4.86627E-01
1.550E+02 3.21440E-01
1.560E+02 2.05035E-01
1.570E+02 1.26310E-01
1.580E+02 7.51654E-02
1.590E+02 4.32218E-02
1.600E+02 2.40281E-02
1.610E+02 1.29252E-02
1.620E+02 6.73695E-03
1.630E+02 3.41061E-03
1.640E+02 1.68376E-03
1.650E+02 8.16026E-04
1.660E+02 3.92469E-04
1.670E+02 1.90419E-04
1.680E+02 9.52688E-05
1.690E+02 5.03154E-05
1.700E+02 2.85088E-05
1.710E+02 1.73469E-05
1.720E+02 1.11843E-05
1.730E+02 7.49449E-06
1.740E+02 5.12988E-06
1.750E+02 3.54355E-06
1.760E+02 2.45214E-06
1.770E+02 1.69304E-06
1.780E+02 1.16383E-06
1.790E+02 7.95728E-07
1.800E+02 5.40848E-07

238U(N,F) En=100 MeV

S = 6.08391E+00 R = 6.11921E-01 F = 1.63917E+00 NS = 8.99345E+01 NA =
2.08523E+01

P1 = 3.16621E-02 P2 = 1.14289E+02 P3 = 1.78191E+01 P4 = 9.31288E-02 P5 =
1.31334E+02 P6 = 6.05817E+00 P7 = 5.45703E-02 P8 = 1.38264E+02 P9 =
1.03388E+01

6.000E+01 6.09581E-04
6.100E+01 9.73797E-04
6.200E+01 1.55055E-03
6.300E+01 2.45510E-03
6.400E+01 3.85737E-03
6.500E+01 6.00253E-03
6.600E+01 9.23627E-03
6.700E+01 1.40343E-02
6.800E+01 2.10347E-02
6.900E+01 3.10698E-02
7.000E+01 4.51940E-02
7.100E+01 6.47010E-02
7.200E+01 9.11233E-02
7.300E+01 1.26206E-01
7.400E+01 1.71846E-01
7.500E+01 2.29996E-01
7.600E+01 3.02520E-01
7.700E+01 3.91021E-01
7.800E+01 4.96643E-01
7.900E+01 6.19868E-01
8.000E+01 7.60356E-01
8.100E+01 9.16868E-01
8.200E+01 1.08733E+00

8.300E+01 1.26907E+00
8.400E+01 1.45936E+00
8.500E+01 1.65604E+00
8.600E+01 1.85831E+00
8.700E+01 2.06737E+00
8.800E+01 2.28650E+00
8.900E+01 2.52026E+00
9.000E+01 2.77267E+00
9.100E+01 3.04445E+00
9.200E+01 3.33005E+00
9.300E+01 3.61569E+00
9.400E+01 3.87941E+00
9.500E+01 4.09413E+00
9.600E+01 4.23324E+00
9.700E+01 4.27728E+00
9.800E+01 4.21979E+00
9.900E+01 4.06992E+00
1.000E+02 3.85106E+00
1.010E+02 3.59561E+00
1.020E+02 3.33788E+00
1.030E+02 3.10720E+00
1.040E+02 2.92335E+00
1.050E+02 2.79492E+00
1.060E+02 2.72058E+00
1.070E+02 2.69201E+00
1.080E+02 2.69735E+00
1.090E+02 2.72409E+00
1.100E+02 2.76103E+00
1.110E+02 2.79919E+00
1.120E+02 2.83198E+00
1.130E+02 2.85498E+00
1.140E+02 2.86559E+00
1.150E+02 2.86272E+00
1.160E+02 2.84666E+00
1.170E+02 2.81911E+00
1.180E+02 2.78339E+00
1.190E+02 2.74480E+00
1.200E+02 2.71094E+00
1.210E+02 2.69177E+00
1.220E+02 2.69922E+00
1.230E+02 2.74582E+00
1.240E+02 2.84234E+00
1.250E+02 2.99456E+00
1.260E+02 3.19989E+00
1.270E+02 3.44504E+00
1.280E+02 3.70582E+00
1.290E+02 3.95005E+00
1.300E+02 4.14332E+00
1.310E+02 4.25625E+00
1.320E+02 4.27102E+00
1.330E+02 4.18515E+00
1.340E+02 4.01114E+00
1.350E+02 3.77227E+00
1.360E+02 3.49618E+00
1.370E+02 3.20832E+00
1.380E+02 2.92738E+00

1.390E+02 2.66353E+00
1.400E+02 2.41935E+00
1.410E+02 2.19236E+00
1.420E+02 1.97800E+00
1.430E+02 1.77209E+00
1.440E+02 1.57221E+00
1.450E+02 1.37804E+00
1.460E+02 1.19105E+00
1.470E+02 1.01373E+00
1.480E+02 8.48867E-01
1.490E+02 6.98920E-01
1.500E+02 5.65631E-01
1.510E+02 4.49857E-01
1.520E+02 3.51573E-01
1.530E+02 2.69997E-01
1.540E+02 2.03764E-01
1.550E+02 1.51139E-01
1.560E+02 1.10199E-01
1.570E+02 7.90024E-02
1.580E+02 5.57050E-02
1.590E+02 3.86469E-02
1.600E+02 2.63951E-02
1.610E+02 1.77582E-02
1.620E+02 1.17784E-02
1.630E+02 7.70927E-03
1.640E+02 4.98551E-03
1.650E+02 3.19012E-03
1.660E+02 2.02329E-03
1.670E+02 1.27446E-03
1.680E+02 7.99065E-04
1.690E+02 4.99874E-04
1.700E+02 3.12757E-04
1.710E+02 1.96156E-04
1.720E+02 1.23559E-04
1.730E+02 7.82728E-05
1.740E+02 4.99013E-05
1.750E+02 3.20161E-05
1.760E+02 2.06582E-05
1.770E+02 1.33901E-05
1.780E+02 8.70596E-06
1.790E+02 5.66910E-06
1.800E+02 3.69164E-06

238U(N,F) En=10 MeV

S = 6.08391E+00 R = 5.96964E+00 F = 1.63917E+00 NS = 1.54568E+01 NA =
3.49623E+01

P1 = 3.16621E-02 P2 = 1.17763E+02 P3 = 1.78191E+01 P4 = 1.12793E-01 P5 =
1.35082E+02 P6 = 5.00199E+00 P7 = 6.60928E-02 P8 = 1.42164E+02 P9 =
8.53632E+00

6.000E+01 1.42456E-05
6.100E+01 2.13395E-05
6.200E+01 3.25248E-05
6.300E+01 5.08336E-05
6.400E+01 8.20079E-05
6.500E+01 1.36993E-04
6.600E+01 2.36530E-04
6.700E+01 4.19323E-04

6.800E+01 7.56068E-04
6.900E+01 1.37257E-03
7.000E+01 2.48630E-03
7.100E+01 4.46146E-03
7.200E+01 7.88797E-03
7.300E+01 1.36883E-02
7.400E+01 2.32520E-02
7.500E+01 3.85923E-02
7.600E+01 6.25059E-02
7.700E+01 9.87061E-02
7.800E+01 1.51883E-01
7.900E+01 2.27636E-01
8.000E+01 3.32208E-01
8.100E+01 4.71987E-01
8.200E+01 6.52742E-01
8.300E+01 8.78627E-01
8.400E+01 1.15106E+00
8.500E+01 1.46766E+00
8.600E+01 1.82148E+00
8.700E+01 2.20095E+00
8.800E+01 2.59077E+00
8.900E+01 2.97424E+00
9.000E+01 3.33690E+00
9.100E+01 3.67127E+00
9.200E+01 3.98101E+00
9.300E+01 4.28223E+00
9.400E+01 4.59912E+00
9.500E+01 4.95252E+00
9.600E+01 5.34349E+00
9.700E+01 5.73895E+00
9.800E+01 6.06834E+00
9.900E+01 6.23827E+00
1.000E+02 6.16287E+00
1.010E+02 5.79829E+00
1.020E+02 5.16447E+00
1.030E+02 4.34283E+00
1.040E+02 3.45058E+00
1.050E+02 2.60413E+00
1.060E+02 1.88837E+00
1.070E+02 1.34278E+00
1.080E+02 9.65421E-01
1.090E+02 7.27929E-01
1.100E+02 5.92211E-01
1.110E+02 5.22669E-01
1.120E+02 4.92000E-01
1.130E+02 4.81974E-01
1.140E+02 4.81633E-01
1.150E+02 4.84887E-01
1.160E+02 4.88536E-01
1.170E+02 4.90984E-01
1.180E+02 4.91528E-01
1.190E+02 4.90034E-01
1.200E+02 4.86886E-01
1.210E+02 4.83149E-01
1.220E+02 4.81061E-01
1.230E+02 4.84986E-01

1.240E+02 5.03036E-01
1.250E+02 5.49316E-01
1.260E+02 6.46230E-01
1.270E+02 8.25361E-01
1.280E+02 1.12460E+00
1.290E+02 1.57932E+00
1.300E+02 2.20755E+00
1.310E+02 2.99301E+00
1.320E+02 3.87422E+00
1.330E+02 4.74844E+00
1.340E+02 5.49434E+00
1.350E+02 6.00738E+00
1.360E+02 6.23329E+00
1.370E+02 6.18370E+00
1.380E+02 5.92623E+00
1.390E+02 5.55474E+00
1.400E+02 5.15478E+00
1.410E+02 4.77983E+00
1.420E+02 4.44547E+00
1.430E+02 4.13915E+00
1.440E+02 3.83661E+00
1.450E+02 3.51647E+00
1.460E+02 3.16839E+00
1.470E+02 2.79440E+00
1.480E+02 2.40588E+00
1.490E+02 2.01890E+00
1.500E+02 1.64986E+00
1.510E+02 1.31251E+00
1.520E+02 1.01626E+00
1.530E+02 7.65831E-01
1.540E+02 5.61695E-01
1.550E+02 4.00992E-01
1.560E+02 2.78669E-01
1.570E+02 1.88551E-01
1.580E+02 1.24241E-01
1.590E+02 7.97515E-02
1.600E+02 4.98963E-02
1.610E+02 3.04481E-02
1.620E+02 1.81413E-02
1.630E+02 1.05693E-02
1.640E+02 6.03461E-03
1.650E+02 3.38741E-03
1.660E+02 1.87787E-03
1.670E+02 1.03455E-03
1.680E+02 5.71021E-04
1.690E+02 3.18837E-04
1.700E+02 1.81920E-04
1.710E+02 1.06966E-04
1.720E+02 6.51051E-05
1.730E+02 4.09937E-05
1.740E+02 2.65680E-05
1.750E+02 1.75918E-05
1.760E+02 1.18101E-05
1.770E+02 7.98669E-06
1.780E+02 5.41410E-06
1.790E+02 3.66667E-06

1.800E+02 2.47547E-06
238U(N,F) En=13 MeV
S = 6.08391E+00 R = 4.61059E+00 F = 1.63917E+00 NS = 1.95672E+01 NA =
3.41836E+01
P1 = 3.16621E-02 P2 = 1.17599E+02 P3 = 1.78191E+01 P4 = 1.10467E-01 P5 =
1.34905E+02 P6 = 5.10731E+00 P7 = 6.47299E-02 P8 = 1.41980E+02 P9 =
8.71606E+00
6.000E+01 1.97430E-05
6.100E+01 2.99538E-05
6.200E+01 4.63684E-05
6.300E+01 7.36829E-05
6.400E+01 1.20651E-04
6.500E+01 2.03565E-04
6.600E+01 3.52427E-04
6.700E+01 6.21495E-04
6.800E+01 1.10669E-03
6.900E+01 1.97318E-03
7.000E+01 3.49720E-03
7.100E+01 6.12670E-03
7.200E+01 1.05644E-02
7.300E+01 1.78754E-02
7.400E+01 2.96156E-02
7.500E+01 4.79713E-02
7.600E+01 7.58893E-02
7.700E+01 1.17165E-01
7.800E+01 1.76443E-01
7.900E+01 2.59088E-01
8.000E+01 3.70859E-01
8.100E+01 5.17383E-01
8.200E+01 7.03399E-01
8.300E+01 9.31845E-01
8.400E+01 1.20289E+00
8.500E+01 1.51308E+00
8.600E+01 1.85488E+00
8.700E+01 2.21690E+00
8.800E+01 2.58508E+00
8.900E+01 2.94509E+00
9.000E+01 3.28594E+00
9.100E+01 3.60394E+00
9.200E+01 3.90578E+00
9.300E+01 4.20820E+00
9.400E+01 4.53239E+00
9.500E+01 4.89243E+00
9.600E+01 5.28106E+00
9.700E+01 5.65900E+00
9.800E+01 5.95578E+00
9.900E+01 6.08594E+00
1.000E+02 5.97721E+00
1.010E+02 5.59926E+00
1.020E+02 4.97950E+00
1.030E+02 4.19764E+00
1.040E+02 3.36139E+00
1.050E+02 2.57457E+00
1.060E+02 1.91147E+00
1.070E+02 1.40591E+00
1.080E+02 1.05536E+00

1.090E+02 8.34056E-01
1.100E+02 7.07525E-01
1.110E+02 6.43266E-01
1.120E+02 6.15977E-01
1.130E+02 6.08432E-01
1.140E+02 6.10031E-01
1.150E+02 6.14733E-01
1.160E+02 6.19286E-01
1.170E+02 6.22045E-01
1.180E+02 6.22305E-01
1.190E+02 6.20008E-01
1.200E+02 6.15716E-01
1.210E+02 6.10849E-01
1.220E+02 6.08266E-01
1.230E+02 6.13333E-01
1.240E+02 6.35582E-01
1.250E+02 6.90772E-01
1.260E+02 8.02574E-01
1.270E+02 1.00231E+00
1.280E+02 1.32475E+00
1.290E+02 1.79845E+00
1.300E+02 2.43174E+00
1.310E+02 3.19872E+00
1.320E+02 4.03278E+00
1.330E+02 4.83429E+00
1.340E+02 5.49382E+00
1.350E+02 5.92372E+00
1.360E+02 6.08509E+00
1.370E+02 5.99747E+00
1.380E+02 5.72688E+00
1.390E+02 5.35861E+00
1.400E+02 4.96789E+00
1.410E+02 4.60069E+00
1.420E+02 4.27005E+00
1.430E+02 3.96497E+00
1.440E+02 3.66460E+00
1.450E+02 3.35068E+00
1.460E+02 3.01437E+00
1.470E+02 2.65746E+00
1.480E+02 2.28981E+00
1.490E+02 1.92540E+00
1.500E+02 1.57858E+00
1.510E+02 1.26140E+00
1.520E+02 9.82202E-01
1.530E+02 7.45228E-01
1.540E+02 5.50966E-01
1.550E+02 3.96953E-01
1.560E+02 2.78729E-01
1.570E+02 1.90778E-01
1.580E+02 1.27315E-01
1.590E+02 8.28685E-02
1.600E+02 5.26338E-02
1.610E+02 3.26441E-02
1.620E+02 1.97896E-02
1.630E+02 1.17429E-02
1.640E+02 6.83424E-03

1.650E+02 3.91220E-03
1.660E+02 2.21152E-03
1.670E+02 1.24118E-03
1.680E+02 6.96401E-04
1.690E+02 3.93866E-04
1.700E+02 2.26524E-04
1.710E+02 1.33514E-04
1.720E+02 8.10451E-05
1.730E+02 5.07095E-05
1.740E+02 3.26028E-05
1.750E+02 2.14150E-05
1.760E+02 1.42756E-05
1.770E+02 9.59893E-06
1.780E+02 6.47841E-06
1.790E+02 4.37289E-06
1.800E+02 2.94482E-06

238U(N,F) En=14 MeV

S = 6.08391E+00 R = 4.28573E+00 F = 1.63917E+00 NS = 2.08955E+01 NA =
3.39319E+01

P1 = 3.16621E-02 P2 = 1.17545E+02 P3 = 1.78191E+01 P4 = 1.09810E-01 P5 =
1.34847E+02 P6 = 5.13785E+00 P7 = 6.43452E-02 P8 = 1.41919E+02 P9 =
8.76817E+00

6.000E+01 2.17337E-05
6.100E+01 3.31058E-05
6.200E+01 5.14827E-05
6.300E+01 8.21834E-05
6.400E+01 1.35069E-04
6.500E+01 2.28363E-04
6.600E+01 3.95335E-04
6.700E+01 6.95620E-04
6.800E+01 1.23366E-03
6.900E+01 2.18759E-03
7.000E+01 3.85261E-03
7.100E+01 6.70295E-03
7.200E+01 1.14759E-02
7.300E+01 1.92789E-02
7.400E+01 3.17155E-02
7.500E+01 5.10192E-02
7.600E+01 8.01743E-02
7.700E+01 1.22990E-01
7.800E+01 1.84086E-01
7.900E+01 2.68741E-01
8.000E+01 3.82563E-01
8.100E+01 5.30945E-01
8.200E+01 7.18325E-01
8.300E+01 9.47295E-01
8.400E+01 1.21767E+00
8.500E+01 1.52574E+00
8.600E+01 1.86382E+00
8.700E+01 2.22063E+00
8.800E+01 2.58250E+00
8.900E+01 2.93584E+00
9.000E+01 3.27064E+00
9.100E+01 3.58428E+00
9.200E+01 3.88420E+00
9.300E+01 4.18718E+00

9.400E+01 4.51334E+00
9.500E+01 4.87478E+00
9.600E+01 5.26188E+00
9.700E+01 5.63380E+00
9.800E+01 5.92033E+00
9.900E+01 6.03850E+00
1.000E+02 5.91998E+00
1.010E+02 5.53827E+00
1.020E+02 4.92283E+00
1.030E+02 4.15286E+00
1.040E+02 3.33336E+00
1.050E+02 2.56455E+00
1.060E+02 1.91766E+00
1.070E+02 1.42477E+00
1.080E+02 1.08304E+00
1.090E+02 8.67336E-01
1.100E+02 7.44177E-01
1.110E+02 6.81950E-01
1.120E+02 6.55968E-01
1.130E+02 6.49338E-01
1.140E+02 6.51608E-01
1.150E+02 6.56777E-01
1.160E+02 6.61596E-01
1.170E+02 6.64417E-01
1.180E+02 6.64544E-01
1.190E+02 6.61949E-01
1.200E+02 6.57261E-01
1.210E+02 6.52020E-01
1.220E+02 6.49293E-01
1.230E+02 6.54767E-01
1.240E+02 6.78413E-01
1.250E+02 7.36461E-01
1.260E+02 8.52885E-01
1.270E+02 1.05880E+00
1.280E+02 1.38787E+00
1.290E+02 1.86652E+00
1.300E+02 2.50021E+00
1.310E+02 3.26034E+00
1.320E+02 4.07909E+00
1.330E+02 4.85801E+00
1.340E+02 5.49129E+00
1.350E+02 5.89623E+00
1.360E+02 6.03828E+00
1.370E+02 5.93917E+00
1.380E+02 5.66447E+00
1.390E+02 5.29705E+00
1.400E+02 4.90915E+00
1.410E+02 4.54456E+00
1.420E+02 4.21547E+00
1.430E+02 3.91120E+00
1.440E+02 3.61181E+00
1.450E+02 3.29987E+00
1.460E+02 2.96702E+00
1.470E+02 2.61502E+00
1.480E+02 2.25340E+00
1.490E+02 1.89555E+00

1.500E+02 1.55525E+00
1.510E+02 1.24410E+00
1.520E+02 9.70096E-01
1.530E+02 7.37322E-01
1.540E+02 5.46248E-01
1.550E+02 3.94498E-01
1.560E+02 2.77761E-01
1.570E+02 1.90697E-01
1.580E+02 1.27693E-01
1.590E+02 8.34245E-02
1.600E+02 5.32021E-02
1.610E+02 3.31413E-02
1.620E+02 2.01855E-02
1.630E+02 1.20375E-02
1.640E+02 7.04233E-03
1.650E+02 4.05299E-03
1.660E+02 2.30345E-03
1.670E+02 1.29947E-03
1.680E+02 7.32508E-04
1.690E+02 4.15858E-04
1.700E+02 2.39784E-04
1.710E+02 1.41487E-04
1.720E+02 8.58599E-05
1.730E+02 5.36480E-05
1.740E+02 3.44234E-05
1.750E+02 2.25622E-05
1.760E+02 1.50104E-05
1.770E+02 1.00760E-05
1.780E+02 6.79125E-06
1.790E+02 4.57926E-06
1.800E+02 3.08128E-06

238U(N,F) En=15 MeV

S = 6.08391E+00 R = 4.00376E+00 F = 1.63917E+00 NS = 2.22037E+01 NA =
3.36841E+01

P1 = 3.16621E-02 P2 = 1.17492E+02 P3 = 1.78191E+01 P4 = 1.09200E-01 P5 =
1.34789E+02 P6 = 5.16658E+00 P7 = 6.39874E-02 P8 = 1.41859E+02 P9 =
8.81720E+00

6.000E+01 2.38077E-05
6.100E+01 3.64047E-05
6.200E+01 5.68559E-05
6.300E+01 9.11360E-05
6.400E+01 1.50262E-04
6.500E+01 2.54454E-04
6.600E+01 4.40331E-04
6.700E+01 7.72978E-04
6.800E+01 1.36539E-03
6.900E+01 2.40859E-03
7.000E+01 4.21642E-03
7.100E+01 7.28865E-03
7.200E+01 1.23958E-02
7.300E+01 2.06853E-02
7.400E+01 3.38052E-02
7.500E+01 5.40320E-02
7.600E+01 8.43822E-02
7.700E+01 1.28674E-01
7.800E+01 1.91497E-01

7.900E+01 2.78046E-01
8.000E+01 3.93777E-01
8.100E+01 5.43861E-01
8.200E+01 7.32451E-01
8.300E+01 9.61816E-01
8.400E+01 1.23146E+00
8.500E+01 1.53741E+00
8.600E+01 1.87190E+00
8.700E+01 2.22374E+00
8.800E+01 2.57966E+00
8.900E+01 2.92679E+00
9.000E+01 3.25603E+00
9.100E+01 3.56574E+00
9.200E+01 3.86402E+00
9.300E+01 4.16758E+00
9.400E+01 4.49554E+00
9.500E+01 4.85806E+00
9.600E+01 5.24334E+00
9.700E+01 5.60919E+00
9.800E+01 5.88574E+00
9.900E+01 5.99244E+00
1.000E+02 5.86469E+00
1.010E+02 5.47954E+00
1.020E+02 4.86833E+00
1.030E+02 4.10974E+00
1.040E+02 3.30623E+00
1.050E+02 2.55469E+00
1.060E+02 1.92343E+00
1.070E+02 1.44288E+00
1.080E+02 1.10985E+00
1.090E+02 8.99781E-01
1.100E+02 7.80078E-01
1.110E+02 7.19967E-01
1.120E+02 6.95347E-01
1.130E+02 6.89659E-01
1.140E+02 6.92602E-01
1.150E+02 6.98226E-01
1.160E+02 7.03293E-01
1.170E+02 7.06156E-01
1.180E+02 7.06132E-01
1.190E+02 7.03226E-01
1.200E+02 6.98134E-01
1.210E+02 6.92522E-01
1.220E+02 6.89662E-01
1.230E+02 6.95558E-01
1.240E+02 7.20599E-01
1.250E+02 7.81458E-01
1.260E+02 9.02359E-01
1.270E+02 1.11416E+00
1.280E+02 1.44940E+00
1.290E+02 1.93243E+00
1.300E+02 2.56597E+00
1.310E+02 3.31898E+00
1.320E+02 4.12259E+00
1.330E+02 4.87959E+00
1.340E+02 5.48768E+00

1.350E+02 5.86879E+00
1.360E+02 5.99245E+00
1.370E+02 5.88242E+00
1.380E+02 5.60379E+00
1.390E+02 5.23714E+00
1.400E+02 4.85197E+00
1.410E+02 4.48999E+00
1.420E+02 4.16255E+00
1.430E+02 3.85923E+00
1.440E+02 3.56088E+00
1.450E+02 3.25090E+00
1.460E+02 2.92133E+00
1.470E+02 2.57397E+00
1.480E+02 2.21801E+00
1.490E+02 1.86634E+00
1.500E+02 1.53223E+00
1.510E+02 1.22682E+00
1.520E+02 9.57799E-01
1.530E+02 7.29095E-01
1.540E+02 5.41149E-01
1.550E+02 3.91655E-01
1.560E+02 2.76436E-01
1.570E+02 1.90312E-01
1.580E+02 1.27827E-01
1.590E+02 8.37945E-02
1.600E+02 5.36353E-02
1.610E+02 3.35447E-02
1.620E+02 2.05188E-02
1.630E+02 1.22920E-02
1.640E+02 7.22559E-03
1.650E+02 4.17895E-03
1.660E+02 2.38680E-03
1.670E+02 1.35293E-03
1.680E+02 7.65953E-04
1.690E+02 4.36402E-04
1.700E+02 2.52258E-04
1.710E+02 1.49025E-04
1.720E+02 9.04263E-05
1.730E+02 5.64383E-05
1.740E+02 3.61511E-05
1.750E+02 2.36489E-05
1.760E+02 1.57044E-05
1.770E+02 1.05252E-05
1.780E+02 7.08488E-06
1.790E+02 4.77239E-06
1.800E+02 3.20866E-06

$^{238}\text{U}(\text{N},\text{F})$ $E_n=160$ MeV

S = 6.08391E+00 R = 3.83851E-01 F = 1.63917E+00 NS = 1.13141E+02 NA = 1.64557E+01

P1 = 3.16621E-02 P2 = 1.13088E+02 P3 = 1.78191E+01 P4 = 8.94515E-02 P5 = 1.30039E+02 P6 = 6.30722E+00 P7 = 5.24155E-02 P8 = 1.36916E+02 P9 = 1.07638E+01

6.000E+01 1.37380E-03
6.100E+01 2.13182E-03
6.200E+01 3.28155E-03
6.300E+01 5.00394E-03

6.400E+01 7.54958E-03
6.500E+01 1.12580E-02
6.600E+01 1.65785E-02
6.700E+01 2.40911E-02
6.800E+01 3.45250E-02
6.900E+01 4.87710E-02
7.000E+01 6.78842E-02
7.100E+01 9.30713E-02
7.200E+01 1.25660E-01
7.300E+01 1.67044E-01
7.400E+01 2.18606E-01
7.500E+01 2.81616E-01
7.600E+01 3.57113E-01
7.700E+01 4.45788E-01
7.800E+01 5.47872E-01
7.900E+01 6.63073E-01
8.000E+01 7.90582E-01
8.100E+01 9.29183E-01
8.200E+01 1.07749E+00
8.300E+01 1.23434E+00
8.400E+01 1.39919E+00
8.500E+01 1.57260E+00
8.600E+01 1.75638E+00
8.700E+01 1.95340E+00
8.800E+01 2.16674E+00
8.900E+01 2.39824E+00
9.000E+01 2.64672E+00
9.100E+01 2.90623E+00
9.200E+01 3.16531E+00
9.300E+01 3.40754E+00
9.400E+01 3.61404E+00
9.500E+01 3.76714E+00
9.600E+01 3.85464E+00
9.700E+01 3.87310E+00
9.800E+01 3.82922E+00
9.900E+01 3.73863E+00
1.000E+02 3.62262E+00
1.010E+02 3.50361E+00
1.020E+02 3.40090E+00
1.030E+02 3.32767E+00
1.040E+02 3.28980E+00
1.050E+02 3.28647E+00
1.060E+02 3.31190E+00
1.070E+02 3.35750E+00
1.080E+02 3.41388E+00
1.090E+02 3.47227E+00
1.100E+02 3.52534E+00
1.110E+02 3.56751E+00
1.120E+02 3.59495E+00
1.130E+02 3.60541E+00
1.140E+02 3.59807E+00
1.150E+02 3.57350E+00
1.160E+02 3.53369E+00
1.170E+02 3.48218E+00
1.180E+02 3.42425E+00
1.190E+02 3.36691E+00

1.200E+02 3.31873E+00
1.210E+02 3.28908E+00
1.220E+02 3.28682E+00
1.230E+02 3.31837E+00
1.240E+02 3.38560E+00
1.250E+02 3.48387E+00
1.260E+02 3.60126E+00
1.270E+02 3.71939E+00
1.280E+02 3.81610E+00
1.290E+02 3.86955E+00
1.300E+02 3.86284E+00
1.310E+02 3.78754E+00
1.320E+02 3.64533E+00
1.330E+02 3.44706E+00
1.340E+02 3.20972E+00
1.350E+02 2.95232E+00
1.360E+02 2.69189E+00
1.370E+02 2.44088E+00
1.380E+02 2.20618E+00
1.390E+02 1.98972E+00
1.400E+02 1.79004E+00
1.410E+02 1.60415E+00
1.420E+02 1.42908E+00
1.430E+02 1.26280E+00
1.440E+02 1.10453E+00
1.450E+02 9.54644E-01
1.460E+02 8.14232E-01
1.470E+02 6.84673E-01
1.480E+02 5.67231E-01
1.490E+02 4.62799E-01
1.500E+02 3.71765E-01
1.510E+02 2.93984E-01
1.520E+02 2.28842E-01
1.530E+02 1.75351E-01
1.540E+02 1.32272E-01
1.550E+02 9.82360E-02
1.560E+02 7.18440E-02
1.570E+02 5.17524E-02
1.580E+02 3.67301E-02
1.590E+02 2.56939E-02
1.600E+02 1.77241E-02
1.610E+02 1.20636E-02
1.620E+02 8.10725E-03
1.630E+02 5.38425E-03
1.640E+02 3.53729E-03
1.650E+02 2.30156E-03
1.660E+02 1.48514E-03
1.670E+02 9.51831E-04
1.680E+02 6.06901E-04
1.690E+02 3.85645E-04
1.700E+02 2.44633E-04
1.710E+02 1.55166E-04
1.720E+02 9.85454E-05
1.730E+02 6.27323E-05
1.740E+02 4.00539E-05
1.750E+02 2.56558E-05

1.760E+02 1.64823E-05
1.770E+02 1.06142E-05
1.780E+02 6.84596E-06
1.790E+02 4.41794E-06
1.800E+02 2.84962E-06
238U(P,F) Ep=20 MeV
S = 6.02526E+00 R = 2.92998E+00 F = 1.72362E+00 NS = 2.91547E+01 NA =
3.13636E+01
P1 = 3.16621E-02 P2 = 1.17208E+02 P3 = 1.78191E+01 P4 = 9.91935E-02 P5 =
1.33802E+02 P6 = 5.68777E+00 P7 = 5.90660E-02 P8 = 1.40697E+02 P9 =
9.55186E+00
6.000E+01 4.31967E-05
6.100E+01 6.96834E-05
6.200E+01 1.14503E-04
6.300E+01 1.91261E-04
6.400E+01 3.23521E-04
6.500E+01 5.51457E-04
6.600E+01 9.42282E-04
6.700E+01 1.60605E-03
6.800E+01 2.71877E-03
6.900E+01 4.55493E-03
7.000E+01 7.53132E-03
7.100E+01 1.22632E-02
7.200E+01 1.96325E-02
7.300E+01 3.08642E-02
7.400E+01 4.76049E-02
7.500E+01 7.19902E-02
7.600E+01 1.06685E-01
7.700E+01 1.54874E-01
7.800E+01 2.20183E-01
7.900E+01 3.06499E-01
8.000E+01 4.17685E-01
8.100E+01 5.57187E-01
8.200E+01 7.27542E-01
8.300E+01 9.29856E-01
8.400E+01 1.16332E+00
8.500E+01 1.42488E+00
8.600E+01 1.70922E+00
8.700E+01 2.00921E+00
8.800E+01 2.31690E+00
8.900E+01 2.62513E+00
9.000E+01 2.92938E+00
9.100E+01 3.22948E+00
9.200E+01 3.53010E+00
9.300E+01 3.83929E+00
9.400E+01 4.16438E+00
9.500E+01 4.50588E+00
9.600E+01 4.85109E+00
9.700E+01 5.17046E+00
9.800E+01 5.41949E+00
9.900E+01 5.54732E+00
1.000E+02 5.51029E+00
1.010E+02 5.28608E+00
1.020E+02 4.88289E+00
1.030E+02 4.33978E+00
1.040E+02 3.71780E+00

1.050E+02 3.08508E+00
1.060E+02 2.50164E+00
1.070E+02 2.00858E+00
1.080E+02 1.62435E+00
1.090E+02 1.34742E+00
1.100E+02 1.16285E+00
1.110E+02 1.04959E+00
1.120E+02 9.86367E-01
1.130E+02 9.55136E-01
1.140E+02 9.42371E-01
1.150E+02 9.38872E-01
1.160E+02 9.38928E-01
1.170E+02 9.39426E-01
1.180E+02 9.39188E-01
1.190E+02 9.38692E-01
1.200E+02 9.40188E-01
1.210E+02 9.48208E-01
1.220E+02 9.70387E-01
1.230E+02 1.01838E+00
1.240E+02 1.10840E+00
1.250E+02 1.26067E+00
1.260E+02 1.49690E+00
1.270E+02 1.83542E+00
1.280E+02 2.28424E+00
1.290E+02 2.83383E+00
1.300E+02 3.45246E+00
1.310E+02 4.08703E+00
1.320E+02 4.67109E+00
1.330E+02 5.13870E+00
1.340E+02 5.44015E+00
1.350E+02 5.55386E+00
1.360E+02 5.49015E+00
1.370E+02 5.28536E+00
1.380E+02 4.98919E+00
1.390E+02 4.65015E+00
1.400E+02 4.30464E+00
1.410E+02 3.97216E+00
1.420E+02 3.65702E+00
1.430E+02 3.35390E+00
1.440E+02 3.05441E+00
1.450E+02 2.75214E+00
1.460E+02 2.44524E+00
1.470E+02 2.13656E+00
1.480E+02 1.83241E+00
1.490E+02 1.54062E+00
1.500E+02 1.26883E+00
1.510E+02 1.02319E+00
1.520E+02 8.07714E-01
1.530E+02 6.24115E-01
1.540E+02 4.72033E-01
1.550E+02 3.49461E-01
1.560E+02 2.53268E-01
1.570E+02 1.79710E-01
1.580E+02 1.24868E-01
1.590E+02 8.49816E-02
1.600E+02 5.66675E-02

1.610E+02 3.70399E-02
1.620E+02 2.37459E-02
1.630E+02 1.49431E-02
1.640E+02 9.24043E-03
1.650E+02 5.62302E-03
1.660E+02 3.37370E-03
1.670E+02 2.00077E-03
1.680E+02 1.17663E-03
1.690E+02 6.88934E-04
1.700E+02 4.03510E-04
1.710E+02 2.37640E-04
1.720E+02 1.41450E-04
1.730E+02 8.54670E-05
1.740E+02 5.25706E-05
1.750E+02 3.29452E-05
1.760E+02 2.10095E-05
1.770E+02 1.35956E-05
1.780E+02 8.89505E-06
1.790E+02 5.86151E-06
1.800E+02 3.87684E-06

238U(N,F) En=21 MeV

S = 6.08391E+00 R = 2.87181E+00 F = 1.63917E+00 NS = 2.96577E+01 NA =
3.22719E+01

P1 = 3.16621E-02 P2 = 1.17182E+02 P3 = 1.78191E+01 P4 = 1.06236E-01 P5 =
1.34454E+02 P6 = 5.31071E+00 P7 = 6.22508E-02 P8 = 1.41511E+02 P9 =
9.06318E+00

6.000E+01 3.81318E-05
6.100E+01 5.94757E-05
6.200E+01 9.47897E-05
6.300E+01 1.54621E-04
6.400E+01 2.57842E-04
6.500E+01 4.37845E-04
6.600E+01 7.52721E-04
6.700E+01 1.30142E-03
6.800E+01 2.24847E-03
6.900E+01 3.86019E-03
7.000E+01 6.55560E-03
7.100E+01 1.09741E-02
7.200E+01 1.80607E-02
7.300E+01 2.91651E-02
7.400E+01 4.61470E-02
7.500E+01 7.14709E-02
7.600E+01 1.08267E-01
7.700E+01 1.60331E-01
7.800E+01 2.32016E-01
7.900E+01 3.28003E-01
8.000E+01 4.52908E-01
8.100E+01 6.10731E-01
8.200E+01 8.04193E-01
8.300E+01 1.03401E+00
8.400E+01 1.29823E+00
8.500E+01 1.59185E+00
8.600E+01 1.90685E+00
8.700E+01 2.23293E+00
8.800E+01 2.55911E+00
8.900E+01 2.87618E+00

9.000E+01 3.17967E+00
9.100E+01 3.47233E+00
9.200E+01 3.76470E+00
9.300E+01 4.07216E+00
9.400E+01 4.40768E+00
9.500E+01 4.77156E+00
9.600E+01 5.14186E+00
9.700E+01 5.47097E+00
9.800E+01 5.69267E+00
9.900E+01 5.73959E+00
1.000E+02 5.56595E+00
1.010E+02 5.16590E+00
1.020E+02 4.57928E+00
1.030E+02 3.88157E+00
1.040E+02 3.16248E+00
1.050E+02 2.50226E+00
1.060E+02 1.95477E+00
1.070E+02 1.54187E+00
1.080E+02 1.25813E+00
1.090E+02 1.08123E+00
1.100E+02 9.82762E-01
1.110E+02 9.36074E-01
1.120E+02 9.20136E-01
1.130E+02 9.20266E-01
1.140E+02 9.27118E-01
1.150E+02 9.35157E-01
1.160E+02 9.41308E-01
1.170E+02 9.44019E-01
1.180E+02 9.42738E-01
1.190E+02 9.37716E-01
1.200E+02 9.30102E-01
1.210E+02 9.22333E-01
1.220E+02 9.18916E-01
1.230E+02 9.27635E-01
1.240E+02 9.61071E-01
1.250E+02 1.03791E+00
1.260E+02 1.18302E+00
1.270E+02 1.42487E+00
1.280E+02 1.78912E+00
1.290E+02 2.28866E+00
1.300E+02 2.91250E+00
1.310E+02 3.61837E+00
1.320E+02 4.33420E+00
1.330E+02 4.97114E+00
1.340E+02 5.44576E+00
1.350E+02 5.70335E+00
1.360E+02 5.73300E+00
1.370E+02 5.56761E+00
1.380E+02 5.26930E+00
1.390E+02 4.90721E+00
1.400E+02 4.53710E+00
1.410E+02 4.19031E+00
1.420E+02 3.87373E+00
1.430E+02 3.57773E+00
1.440E+02 3.28676E+00
1.450E+02 2.98795E+00

1.460E+02 2.67563E+00
1.470E+02 2.35187E+00
1.480E+02 2.02452E+00
1.490E+02 1.70423E+00
1.500E+02 1.40177E+00
1.510E+02 1.12614E+00
1.520E+02 8.83453E-01
1.530E+02 6.76751E-01
1.540E+02 5.06215E-01
1.550E+02 3.69771E-01
1.560E+02 2.63802E-01
1.570E+02 1.83842E-01
1.580E+02 1.25183E-01
1.590E+02 8.33163E-02
1.600E+02 5.42255E-02
1.610E+02 3.45345E-02
1.620E+02 2.15415E-02
1.630E+02 1.31770E-02
1.640E+02 7.91822E-03
1.650E+02 4.68529E-03
1.660E+02 2.73857E-03
1.670E+02 1.58780E-03
1.680E+02 9.17947E-04
1.690E+02 5.32441E-04
1.700E+02 3.11919E-04
1.710E+02 1.85714E-04
1.720E+02 1.12911E-04
1.730E+02 7.02546E-05
1.740E+02 4.47066E-05
1.750E+02 2.90052E-05
1.760E+02 1.90991E-05
1.770E+02 1.27018E-05
1.780E+02 8.49362E-06
1.790E+02 5.69022E-06
1.800E+02 3.80881E-06

$^{238}\text{U}(\text{N},\text{F})$ $E_n=28$ MeV

S = 6.08391E+00 R = 2.16067E+00 F = 1.63917E+00 NS = 3.75846E+01 NA = 3.07701E+01

P1 = 3.16621E-02 P2 = 1.16839E+02 P3 = 1.78191E+01 P4 = 1.03730E-01 P5 = 1.34085E+02 P6 = 5.43900E+00 P7 = 6.07825E-02 P8 = 1.41126E+02 P9 = 9.28210E+00

6.000E+01 5.93435E-05
6.100E+01 9.41049E-05
6.200E+01 1.52146E-04
6.300E+01 2.50574E-04
6.400E+01 4.19089E-04
6.500E+01 7.08479E-04
6.600E+01 1.20395E-03
6.700E+01 2.04533E-03
6.800E+01 3.45643E-03
6.900E+01 5.78612E-03
7.000E+01 9.56290E-03
7.100E+01 1.55637E-02
7.200E+01 2.48946E-02
7.300E+01 3.90783E-02
7.400E+01 6.01356E-02

7.500E+01 9.06458E-02
7.600E+01 1.33761E-01
7.700E+01 1.93145E-01
7.800E+01 2.72820E-01
7.900E+01 3.76882E-01
8.000E+01 5.09093E-01
8.100E+01 6.72361E-01
8.200E+01 8.68153E-01
8.300E+01 1.09592E+00
8.400E+01 1.35267E+00
8.500E+01 1.63281E+00
8.600E+01 1.92856E+00
8.700E+01 2.23085E+00
8.800E+01 2.53116E+00
8.900E+01 2.82374E+00
9.000E+01 3.10796E+00
9.100E+01 3.38960E+00
9.200E+01 3.67998E+00
9.300E+01 3.99160E+00
9.400E+01 4.33077E+00
9.500E+01 4.68893E+00
9.600E+01 5.03657E+00
9.700E+01 5.32394E+00
9.800E+01 5.49070E+00
9.900E+01 5.48289E+00
1.000E+02 5.27138E+00
1.010E+02 4.86414E+00
1.020E+02 4.30671E+00
1.030E+02 3.67042E+00
1.040E+02 3.03325E+00
1.050E+02 2.46088E+00
1.060E+02 1.99463E+00
1.070E+02 1.64869E+00
1.080E+02 1.41529E+00
1.090E+02 1.27361E+00
1.100E+02 1.19862E+00
1.110E+02 1.16719E+00
1.120E+02 1.16113E+00
1.130E+02 1.16761E+00
1.140E+02 1.17836E+00
1.150E+02 1.18841E+00
1.160E+02 1.19498E+00
1.170E+02 1.19673E+00
1.180E+02 1.19335E+00
1.190E+02 1.18545E+00
1.200E+02 1.17478E+00
1.210E+02 1.16473E+00
1.220E+02 1.16120E+00
1.230E+02 1.17378E+00
1.240E+02 1.21699E+00
1.250E+02 1.31075E+00
1.260E+02 1.47929E+00
1.270E+02 1.74710E+00
1.280E+02 2.13184E+00
1.290E+02 2.63508E+00
1.300E+02 3.23415E+00

1.310E+02 3.87913E+00
1.320E+02 4.49862E+00
1.330E+02 5.01457E+00
1.340E+02 5.36207E+00
1.350E+02 5.50692E+00
1.360E+02 5.45379E+00
1.370E+02 5.24159E+00
1.380E+02 4.92844E+00
1.390E+02 4.57284E+00
1.400E+02 4.21865E+00
1.410E+02 3.88830E+00
1.420E+02 3.58469E+00
1.430E+02 3.29856E+00
1.440E+02 3.01710E+00
1.450E+02 2.73051E+00
1.460E+02 2.43508E+00
1.470E+02 2.13332E+00
1.480E+02 1.83214E+00
1.490E+02 1.54046E+00
1.500E+02 1.26709E+00
1.510E+02 1.01920E+00
1.520E+02 8.01525E-01
1.530E+02 6.16257E-01
1.540E+02 4.63234E-01
1.550E+02 3.40460E-01
1.560E+02 2.44690E-01
1.570E+02 1.72000E-01
1.580E+02 1.18283E-01
1.590E+02 7.96053E-02
1.600E+02 5.24568E-02
1.610E+02 3.38674E-02
1.620E+02 2.14419E-02
1.630E+02 1.33281E-02
1.640E+02 8.14683E-03
1.650E+02 4.90749E-03
1.660E+02 2.92147E-03
1.670E+02 1.72498E-03
1.680E+02 1.01470E-03
1.690E+02 5.97746E-04
1.700E+02 3.54603E-04
1.710E+02 2.12977E-04
1.720E+02 1.30059E-04
1.730E+02 8.09482E-05
1.740E+02 5.13565E-05
1.750E+02 3.31483E-05
1.760E+02 2.16937E-05
1.770E+02 1.43375E-05
1.780E+02 9.53203E-06
1.790E+02 6.35325E-06
1.800E+02 4.23385E-06

$^{238}\text{U}(\text{N},\text{F})$ $E_n=5.5$ MeV

S = 6.08391E+00 R = 1.07254E+01 F = 1.63917E+00 NS = 8.90834E+00 NA = 3.62029E+01

P1 = 3.16621E-02 P2 = 1.18017E+02 P3 = 1.78191E+01 P4 = 1.18038E-01 P5 = 1.35356E+02 P6 = 4.77971E+00 P7 = 6.91665E-02 P8 = 1.42449E+02 P9 = 8.15698E+00

6.000E+01 7.19910E-06
6.100E+01 1.05679E-05
6.200E+01 1.56624E-05
6.300E+01 2.36427E-05
6.400E+01 3.67395E-05
6.500E+01 5.93801E-05
6.600E+01 1.00446E-04
6.700E+01 1.77655E-04
6.800E+01 3.25768E-04
6.900E+01 6.11331E-04
7.000E+01 1.15808E-03
7.100E+01 2.18873E-03
7.200E+01 4.09040E-03
7.300E+01 7.51157E-03
7.400E+01 1.34974E-02
7.500E+01 2.36653E-02
7.600E+01 4.04128E-02
7.700E+01 6.71359E-02
7.800E+01 1.08412E-01
7.900E+01 1.70083E-01
8.000E+01 2.59151E-01
8.100E+01 3.83401E-01
8.200E+01 5.50671E-01
8.300E+01 7.67754E-01
8.400E+01 1.03900E+00
8.500E+01 1.36476E+00
8.600E+01 1.74004E+00
8.700E+01 2.15363E+00
8.800E+01 2.58841E+00
8.900E+01 3.02312E+00
9.000E+01 3.43616E+00
9.100E+01 3.81124E+00
9.200E+01 4.14386E+00
9.300E+01 4.44619E+00
9.400E+01 4.74623E+00
9.500E+01 5.07773E+00
9.600E+01 5.46060E+00
9.700E+01 5.87812E+00
9.800E+01 6.26367E+00
9.900E+01 6.50953E+00
1.000E+02 6.50108E+00
1.010E+02 6.16400E+00
1.020E+02 5.50100E+00
1.030E+02 4.59759E+00
1.040E+02 3.59298E+00
1.050E+02 2.63186E+00
1.060E+02 1.82130E+00
1.070E+02 1.21044E+00
1.080E+02 7.95523E-01
1.090E+02 5.40091E-01
1.100E+02 3.97232E-01
1.110E+02 3.24915E-01
1.120E+02 2.92423E-01
1.130E+02 2.80350E-01
1.140E+02 2.77727E-01
1.150E+02 2.78842E-01

1.160E+02 2.80881E-01
1.170E+02 2.82504E-01
1.180E+02 2.83116E-01
1.190E+02 2.82544E-01
1.200E+02 2.80950E-01
1.210E+02 2.78908E-01
1.220E+02 2.77725E-01
1.230E+02 2.80145E-01
1.240E+02 2.91744E-01
1.250E+02 3.23260E-01
1.260E+02 3.93749E-01
1.270E+02 5.33509E-01
1.280E+02 7.84239E-01
1.290E+02 1.19289E+00
1.300E+02 1.79661E+00
1.310E+02 2.60072E+00
1.320E+02 3.55809E+00
1.330E+02 4.56350E+00
1.340E+02 5.47294E+00
1.350E+02 6.14615E+00
1.360E+02 6.49511E+00
1.370E+02 6.51410E+00
1.380E+02 6.27525E+00
1.390E+02 5.89258E+00
1.400E+02 5.47476E+00
1.410E+02 5.09014E+00
1.420E+02 4.75704E+00
1.430E+02 4.45646E+00
1.440E+02 4.15475E+00
1.450E+02 3.82348E+00
1.460E+02 3.44990E+00
1.470E+02 3.03795E+00
1.480E+02 2.60364E+00
1.490E+02 2.16849E+00
1.500E+02 1.75385E+00
1.510E+02 1.37702E+00
1.520E+02 1.04941E+00
1.530E+02 7.76255E-01
1.540E+02 5.57344E-01
1.550E+02 3.88448E-01
1.560E+02 2.62832E-01
1.570E+02 1.72675E-01
1.580E+02 1.10175E-01
1.590E+02 6.82958E-02
1.600E+02 4.11511E-02
1.610E+02 2.41202E-02
1.620E+02 1.37692E-02
1.630E+02 7.66904E-03
1.640E+02 4.17905E-03
1.650E+02 2.23733E-03
1.660E+02 1.18410E-03
1.670E+02 6.25001E-04
1.680E+02 3.32869E-04
1.690E+02 1.81340E-04
1.700E+02 1.02382E-04
1.710E+02 6.04274E-05

1.720E+02 3.73310E-05
1.730E+02 2.39943E-05
1.740E+02 1.58823E-05
1.750E+02 1.07112E-05
1.760E+02 7.29514E-06
1.770E+02 4.98588E-06
1.780E+02 3.40542E-06
1.790E+02 2.31861E-06
1.800E+02 1.57139E-06
238U(N,F) En=50 MeV
S = 6.08391E+00 R = 1.21674E+00 F = 1.63917E+00 NS = 5.82500E+01 NA =
2.68550E+01
P1 = 3.16621E-02 P2 = 1.15887E+02 P3 = 1.78191E+01 P4 = 9.87923E-02 P5 =
1.33058E+02 P6 = 5.71086E+00 P7 = 5.78889E-02 P8 = 1.40058E+02 P9 =
9.74607E+00
6.000E+01 1.62705E-04
6.100E+01 2.63465E-04
6.200E+01 4.30594E-04
6.300E+01 7.07963E-04
6.400E+01 1.16657E-03
6.500E+01 1.91911E-03
6.600E+01 3.14058E-03
6.700E+01 5.09649E-03
6.800E+01 8.17958E-03
6.900E+01 1.29555E-02
7.000E+01 2.02160E-02
7.100E+01 3.10365E-02
7.200E+01 4.68316E-02
7.300E+01 6.93980E-02
7.400E+01 1.00933E-01
7.500E+01 1.44010E-01
7.600E+01 2.01500E-01
7.700E+01 2.76419E-01
7.800E+01 3.71691E-01
7.900E+01 4.89849E-01
8.000E+01 6.32663E-01
8.100E+01 8.00762E-01
8.200E+01 9.93302E-01
8.300E+01 1.20776E+00
8.400E+01 1.44000E+00
8.500E+01 1.68463E+00
8.600E+01 1.93590E+00
8.700E+01 2.18892E+00
8.800E+01 2.44119E+00
8.900E+01 2.69389E+00
9.000E+01 2.95226E+00
9.100E+01 3.22429E+00
9.200E+01 3.51734E+00
9.300E+01 3.83298E+00
9.400E+01 4.16154E+00
9.500E+01 4.47884E+00
9.600E+01 4.74733E+00
9.700E+01 4.92299E+00
9.800E+01 4.96653E+00
9.900E+01 4.85546E+00
1.000E+02 4.59256E+00

1.010E+02 4.20702E+00
1.020E+02 3.74777E+00
1.030E+02 3.27143E+00
1.040E+02 2.82933E+00
1.050E+02 2.45785E+00
1.060E+02 2.17452E+00
1.070E+02 1.97960E+00
1.080E+02 1.86130E+00
1.090E+02 1.80186E+00
1.100E+02 1.78275E+00
1.110E+02 1.78781E+00
1.120E+02 1.80461E+00
1.130E+02 1.82441E+00
1.140E+02 1.84152E+00
1.150E+02 1.85255E+00
1.160E+02 1.85576E+00
1.170E+02 1.85070E+00
1.180E+02 1.83809E+00
1.190E+02 1.82001E+00
1.200E+02 1.80030E+00
1.210E+02 1.78526E+00
1.220E+02 1.78443E+00
1.230E+02 1.81112E+00
1.240E+02 1.88220E+00
1.250E+02 2.01639E+00
1.260E+02 2.23058E+00
1.270E+02 2.53440E+00
1.280E+02 2.92405E+00
1.290E+02 3.37771E+00
1.300E+02 3.85505E+00
1.310E+02 4.30254E+00
1.320E+02 4.66411E+00
1.330E+02 4.89437E+00
1.340E+02 4.96977E+00
1.350E+02 4.89364E+00
1.360E+02 4.69320E+00
1.370E+02 4.40990E+00
1.380E+02 4.08719E+00
1.390E+02 3.75997E+00
1.400E+02 3.44907E+00
1.410E+02 3.16120E+00
1.420E+02 2.89300E+00
1.430E+02 2.63655E+00
1.440E+02 2.38426E+00
1.450E+02 2.13178E+00
1.460E+02 1.87883E+00
1.470E+02 1.62858E+00
1.480E+02 1.38624E+00
1.490E+02 1.15758E+00
1.500E+02 9.47766E-01
1.510E+02 7.60589E-01
1.520E+02 5.98186E-01
1.530E+02 4.61045E-01
1.540E+02 3.48246E-01
1.550E+02 2.57813E-01
1.560E+02 1.87096E-01

1.570E+02 1.33123E-01
1.580E+02 9.28960E-02
1.590E+02 6.36000E-02
1.600E+02 4.27413E-02
1.610E+02 2.82131E-02
1.620E+02 1.83077E-02
1.630E+02 1.16915E-02
1.640E+02 7.35837E-03
1.650E+02 4.57244E-03
1.660E+02 2.81160E-03
1.670E+02 1.71554E-03
1.680E+02 1.04210E-03
1.690E+02 6.32524E-04
1.700E+02 3.85108E-04
1.710E+02 2.36067E-04
1.720E+02 1.46144E-04
1.730E+02 9.15614E-05
1.740E+02 5.80971E-05
1.750E+02 3.73118E-05
1.760E+02 2.42129E-05
1.770E+02 1.58385E-05
1.780E+02 1.04157E-05
1.790E+02 6.86845E-06
1.800E+02 4.53142E-06
238U(P,F) Ep=60 MeV
S = 6.02526E+00 R = 9.87366E-01 F = 1.72362E+00 NS = 6.72329E+01 NA =
2.43732E+01
P1 = 3.16621E-02 P2 = 1.15493E+02 P3 = 1.78191E+01 P4 = 9.04673E-02 P5 =
1.31952E+02 P6 = 6.23640E+00 P7 = 5.38698E-02 P8 = 1.38772E+02 P9 =
1.04732E+01
6.000E+01 3.06867E-04
6.100E+01 4.98912E-04
6.200E+01 8.09595E-04
6.300E+01 1.30796E-03
6.400E+01 2.09892E-03
6.500E+01 3.33882E-03
6.600E+01 5.25563E-03
6.700E+01 8.17450E-03
6.800E+01 1.25483E-02
6.900E+01 1.89921E-02
7.000E+01 2.83200E-02
7.100E+01 4.15793E-02
7.200E+01 6.00773E-02
7.300E+01 8.53940E-02
7.400E+01 1.19370E-01
7.500E+01 1.64064E-01
7.600E+01 2.21669E-01
7.700E+01 2.94382E-01
7.800E+01 3.84233E-01
7.900E+01 4.92876E-01
8.000E+01 6.21359E-01
8.100E+01 7.69916E-01
8.200E+01 9.37809E-01
8.300E+01 1.12329E+00
8.400E+01 1.32375E+00
8.500E+01 1.53604E+00

8.600E+01 1.75711E+00
8.700E+01 1.98472E+00
8.800E+01 2.21820E+00
8.900E+01 2.45882E+00
9.000E+01 2.70963E+00
9.100E+01 2.97420E+00
9.200E+01 3.25442E+00
9.300E+01 3.54773E+00
9.400E+01 3.84450E+00
9.500E+01 4.12676E+00
9.600E+01 4.36942E+00
9.700E+01 4.54406E+00
9.800E+01 4.62500E+00
9.900E+01 4.59581E+00
1.000E+02 4.45434E+00
1.010E+02 4.21440E+00
1.020E+02 3.90345E+00
1.030E+02 3.55704E+00
1.040E+02 3.21155E+00
1.050E+02 2.89769E+00
1.060E+02 2.63609E+00
1.070E+02 2.43598E+00
1.080E+02 2.29651E+00
1.090E+02 2.20964E+00
1.100E+02 2.16359E+00
1.110E+02 2.14579E+00
1.120E+02 2.14486E+00
1.130E+02 2.15168E+00
1.140E+02 2.15965E+00
1.150E+02 2.16461E+00
1.160E+02 2.16457E+00
1.170E+02 2.15955E+00
1.180E+02 2.15156E+00
1.190E+02 2.14481E+00
1.200E+02 2.14590E+00
1.210E+02 2.16402E+00
1.220E+02 2.21055E+00
1.230E+02 2.29808E+00
1.240E+02 2.43837E+00
1.250E+02 2.63935E+00
1.260E+02 2.90178E+00
1.270E+02 3.21626E+00
1.280E+02 3.56199E+00
1.290E+02 3.90816E+00
1.300E+02 4.21834E+00
1.310E+02 4.45707E+00
1.320E+02 4.59702E+00
1.330E+02 4.62460E+00
1.340E+02 4.54220E+00
1.350E+02 4.36641E+00
1.360E+02 4.12300E+00
1.370E+02 3.84037E+00
1.380E+02 3.54355E+00
1.390E+02 3.25037E+00
1.400E+02 2.97037E+00
1.410E+02 2.70602E+00

1.420E+02 2.45538E+00
1.430E+02 2.21487E+00
1.440E+02 1.98148E+00
1.450E+02 1.75395E+00
1.460E+02 1.53298E+00
1.470E+02 1.32084E+00
1.480E+02 1.12057E+00
1.490E+02 9.35320E-01
1.500E+02 7.67689E-01
1.510E+02 6.19412E-01
1.520E+02 4.91211E-01
1.530E+02 3.82842E-01
1.540E+02 2.93244E-01
1.550E+02 2.20759E-01
1.560E+02 1.63351E-01
1.570E+02 1.18823E-01
1.580E+02 8.49823E-02
1.590E+02 5.97738E-02
1.600E+02 4.13598E-02
1.610E+02 2.81643E-02
1.620E+02 1.88836E-02
1.630E+02 1.24740E-02
1.640E+02 8.12458E-03
1.650E+02 5.22261E-03
1.660E+02 3.31731E-03
1.670E+02 2.08512E-03
1.680E+02 1.29921E-03
1.690E+02 8.04120E-04
1.700E+02 4.95515E-04
1.710E+02 3.04775E-04
1.720E+02 1.87589E-04
1.730E+02 1.15826E-04
1.740E+02 7.18930E-05
1.750E+02 4.49280E-05
1.760E+02 2.82906E-05
1.770E+02 1.79502E-05
1.780E+02 1.14680E-05
1.790E+02 7.36801E-06
1.800E+02 4.75289E-06

238U(N,F) En=8 MeV

S = 6.08391E+00 R = 7.43278E+00 F = 1.63917E+00 NS = 1.26059E+01 NA =
3.55024E+01

P1 = 3.16621E-02 P2 = 1.17875E+02 P3 = 1.78191E+01 P4 = 1.14766E-01 P5 =
1.35202E+02 P6 = 4.91601E+00 P7 = 6.72488E-02 P8 = 1.42289E+02 P9 =
8.38959E+00

6.000E+01 1.09488E-05
6.100E+01 1.62545E-05
6.200E+01 2.44831E-05
6.300E+01 3.77376E-05
6.400E+01 6.00382E-05
6.500E+01 9.91826E-05
6.600E+01 1.70287E-04
6.700E+01 3.02298E-04
6.800E+01 5.49543E-04
6.900E+01 1.01141E-03
7.000E+01 1.86451E-03

7.100E+01 3.41275E-03
7.200E+01 6.16173E-03
7.300E+01 1.09229E-02
7.400E+01 1.89506E-02
7.500E+01 3.21079E-02
7.600E+01 5.30482E-02
7.700E+01 8.53835E-02
7.800E+01 1.33792E-01
7.900E+01 2.04007E-01
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8.100E+01 4.36559E-01
8.200E+01 6.12448E-01
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8.800E+01 2.59203E+00
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9.600E+01 5.39084E+00
9.700E+01 5.79709E+00
9.800E+01 6.15013E+00
9.900E+01 6.35064E+00
1.000E+02 6.30173E+00
1.010E+02 5.94808E+00
1.020E+02 5.30317E+00
1.030E+02 4.44987E+00
1.040E+02 3.51347E+00
1.050E+02 2.62101E+00
1.060E+02 1.86599E+00
1.070E+02 1.29204E+00
1.080E+02 8.97077E-01
1.090E+02 6.50052E-01
1.100E+02 5.09650E-01
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1.120E+02 4.05575E-01
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1.140E+02 3.92783E-01
1.150E+02 3.95062E-01
1.160E+02 3.98028E-01
1.170E+02 4.00164E-01
1.180E+02 4.00793E-01
1.190E+02 3.99755E-01
1.200E+02 3.97323E-01
1.210E+02 3.94342E-01
1.220E+02 3.92632E-01
1.230E+02 3.95861E-01
1.240E+02 4.11082E-01
1.250E+02 4.51064E-01
1.260E+02 5.36994E-01

1.270E+02 7.00209E-01
1.280E+02 9.80480E-01
1.290E+02 1.41810E+00
1.300E+02 2.03871E+00
1.310E+02 2.83422E+00
1.320E+02 3.74821E+00
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1.580E+02 1.19878E-01
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1.600E+02 4.69001E-02
1.610E+02 2.82055E-02
1.620E+02 1.65463E-02
1.630E+02 9.48362E-03
1.640E+02 5.32346E-03
1.650E+02 2.93691E-03
1.660E+02 1.60056E-03
1.670E+02 8.67801E-04
1.680E+02 4.72468E-04
1.690E+02 2.61174E-04
1.700E+02 1.48241E-04
1.710E+02 8.71566E-05
1.720E+02 5.32747E-05
1.730E+02 3.37766E-05
1.740E+02 2.20587E-05
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1.760E+02 9.93213E-06
1.770E+02 6.74634E-06
1.780E+02 4.58809E-06
1.790E+02 3.11455E-06
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