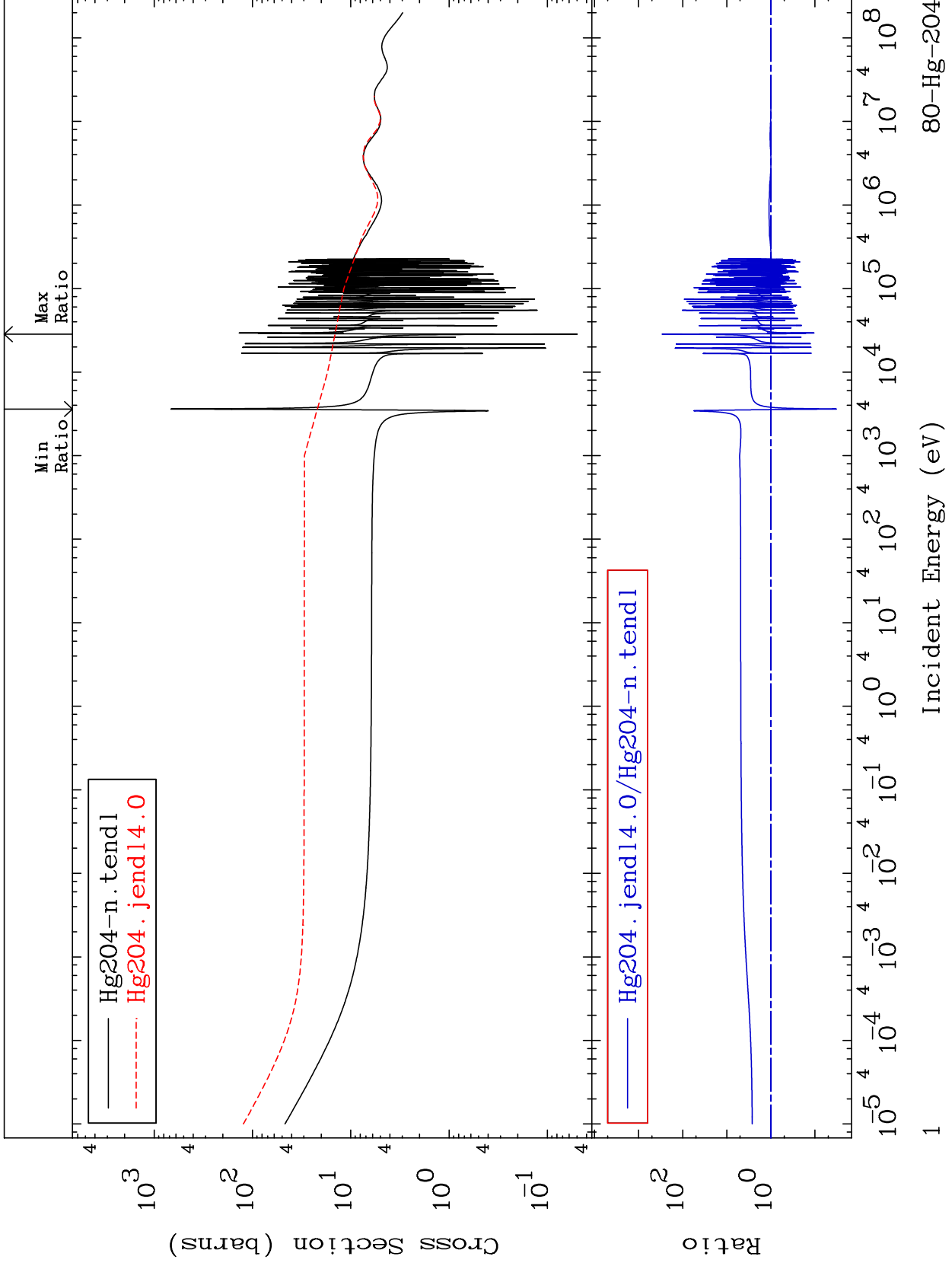


MAT 8049

Total  
Cross Section

80-Hg-204  
-96.77 To 9999. %

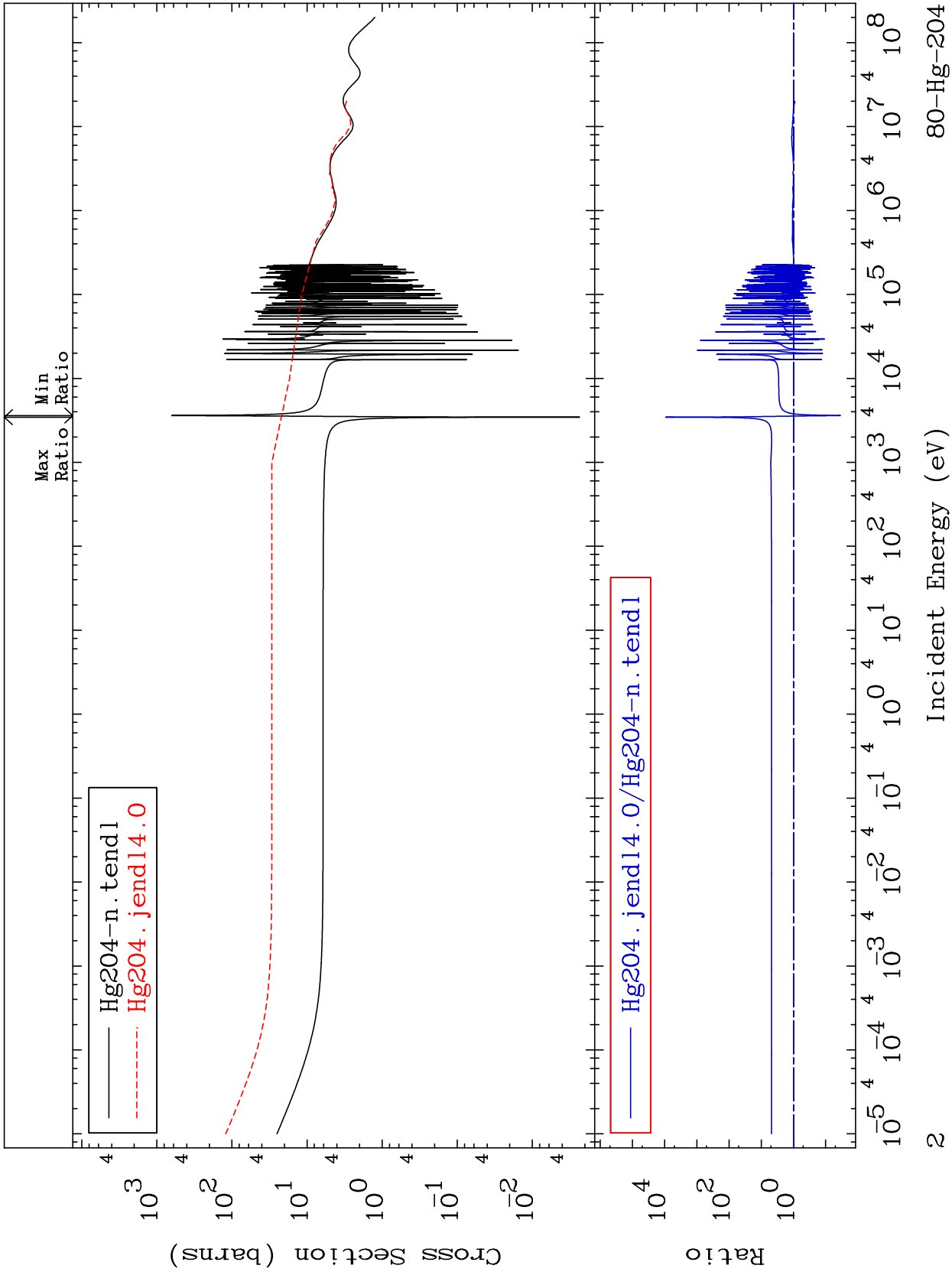


80-Hg-204

MAT 8049

Elastic  
Cross Section

80-Hg-204  
-96.58 To 9999. %

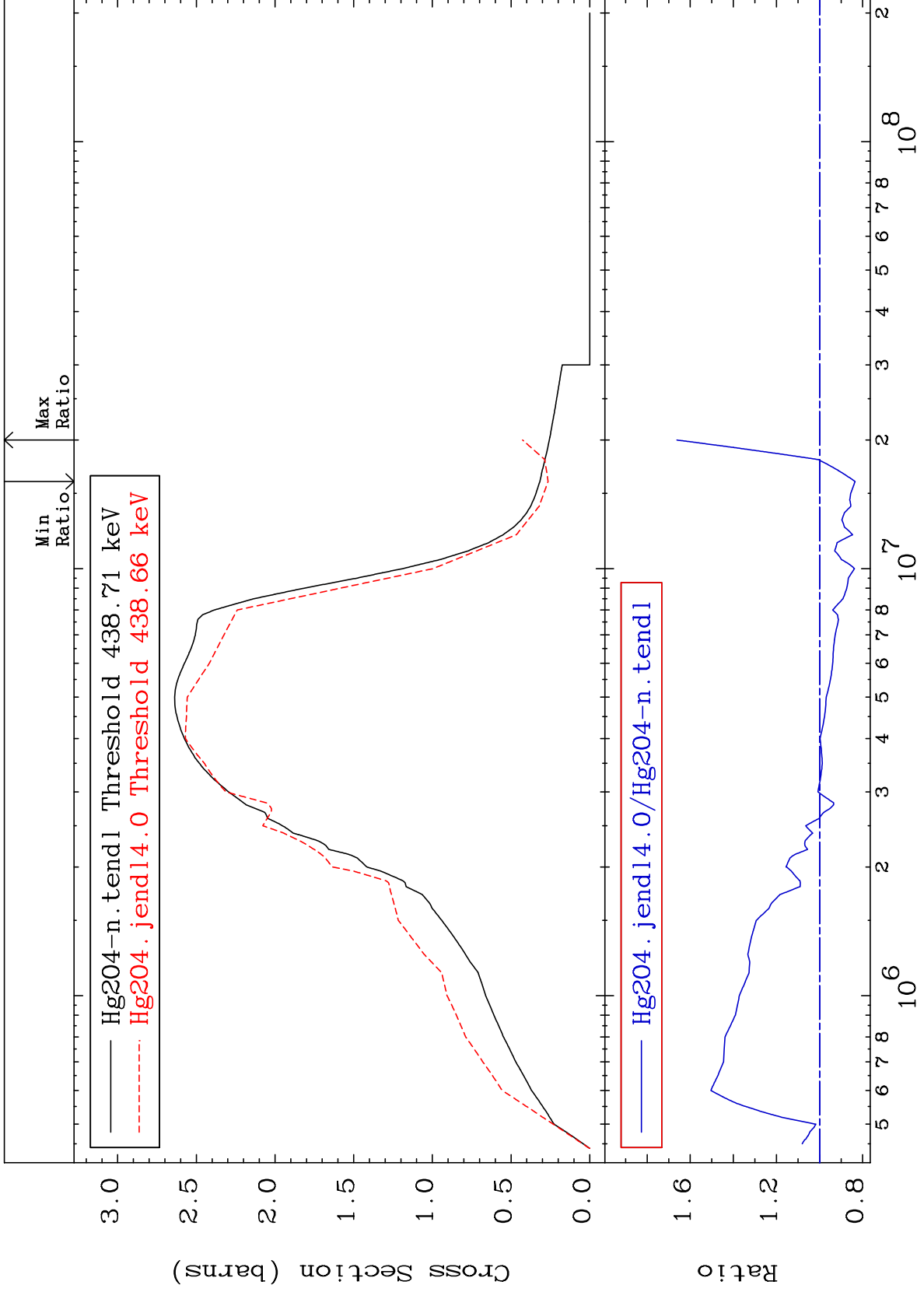


80-Hg-204

MAT 8049

Inelastic  
Cross Section

80-Hg-204  
-16.49 To 66.18 %



3

Incident Energy (eV)

80-Hg-204

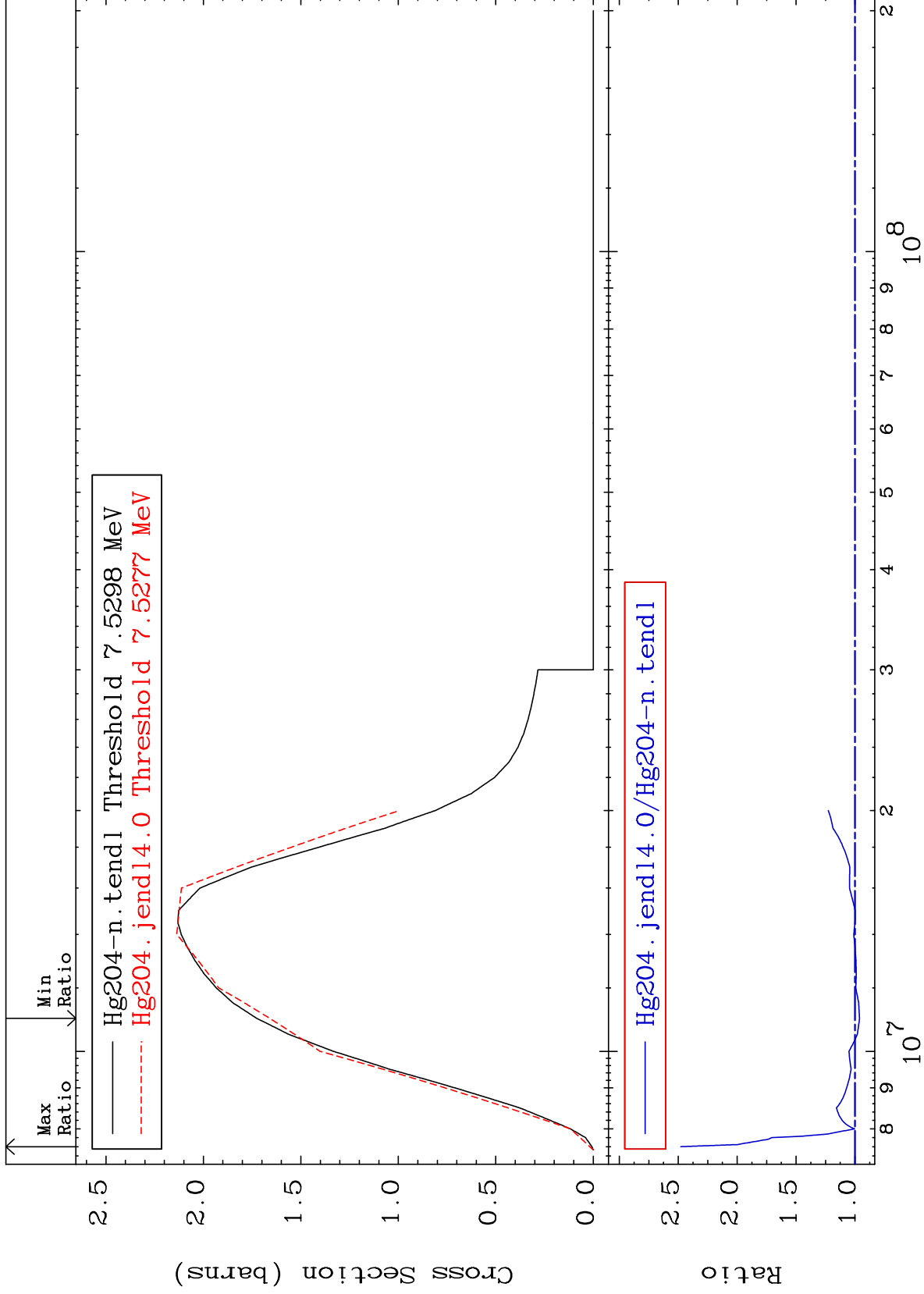
MAT 8049

(n,2n)

80-Hg-204

Cross Section

-3.850 To 147.9 %

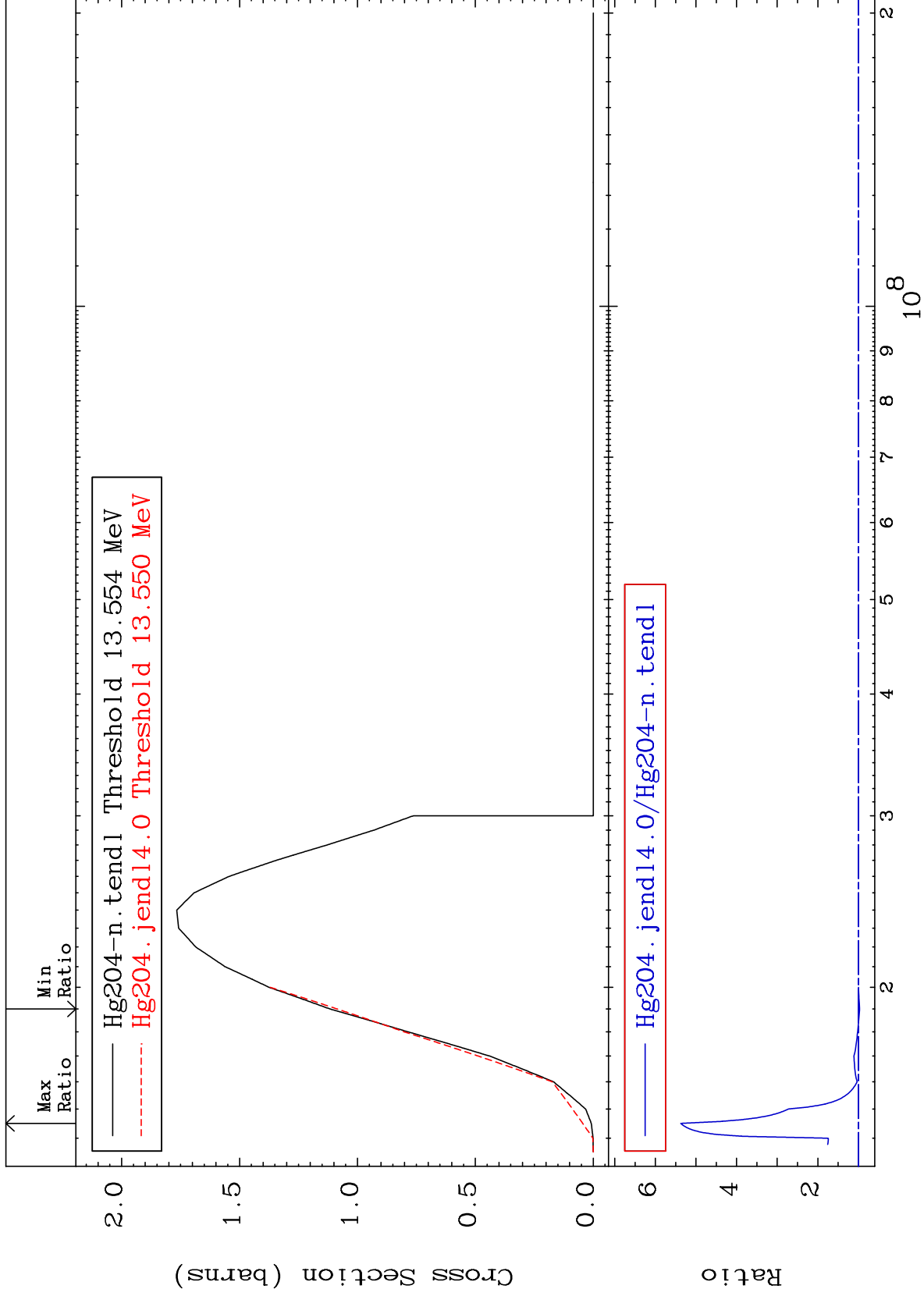


4

MAT 8049

(n,3n)  
Cross Section

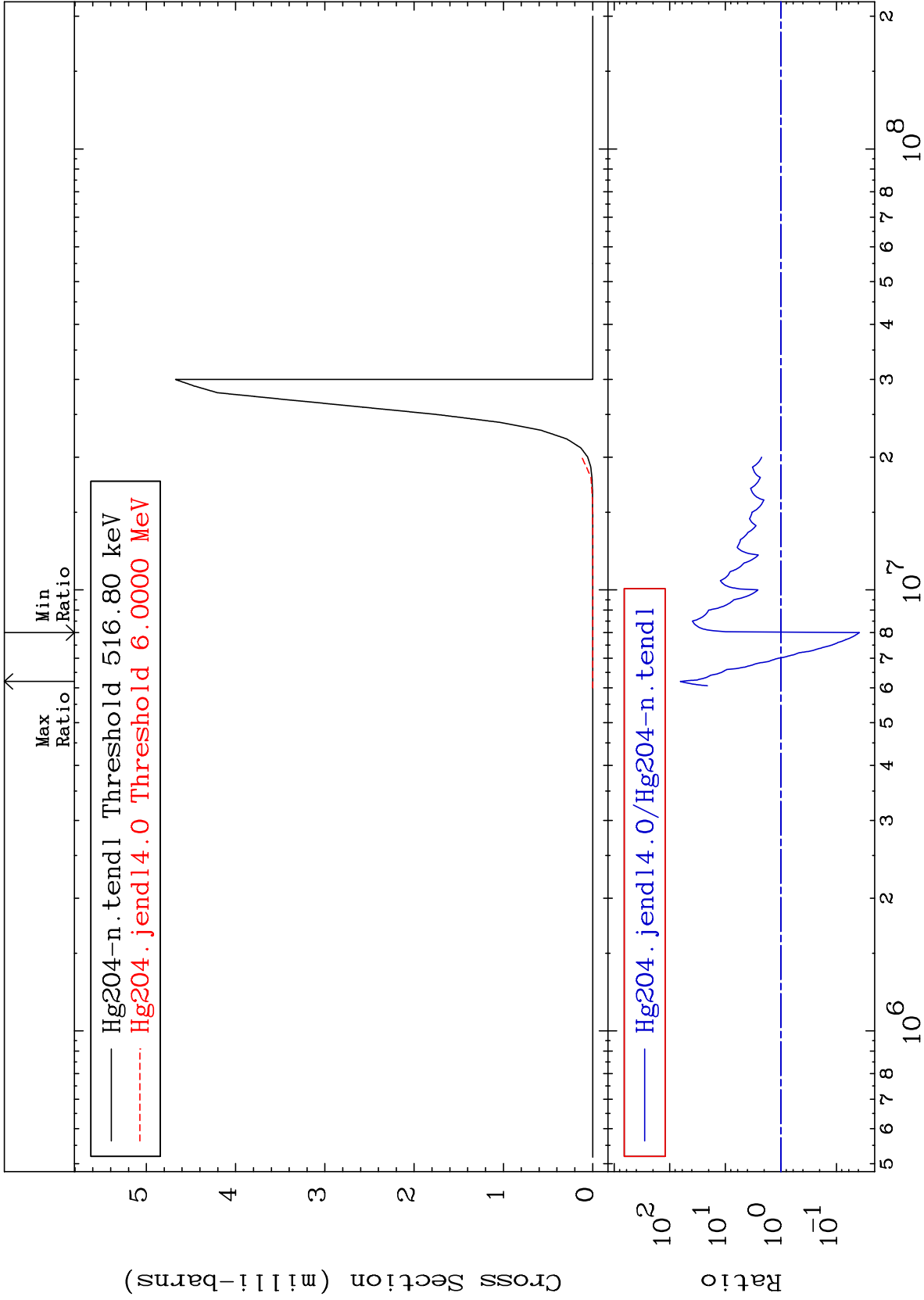
80-Hg-204  
-2.746 To 437.4 %



MAT 8049

80-Hg-204  
-96.15 To 6347. %

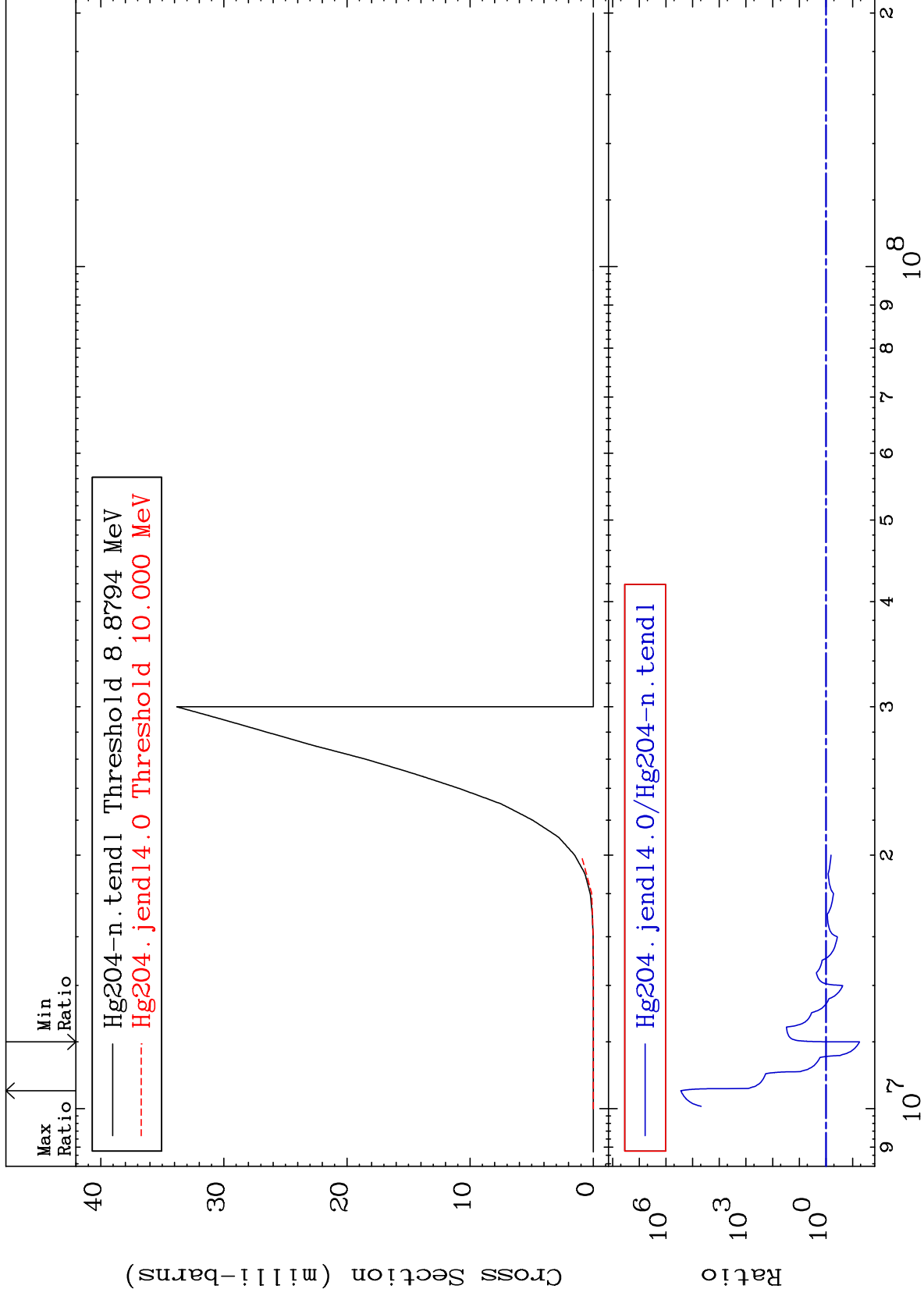
(n, n')  $\alpha$   
Cross Section



MAT 8049

(n,n') p  
Cross Section

80-Hg-204  
-94.50 To 9999. %



7

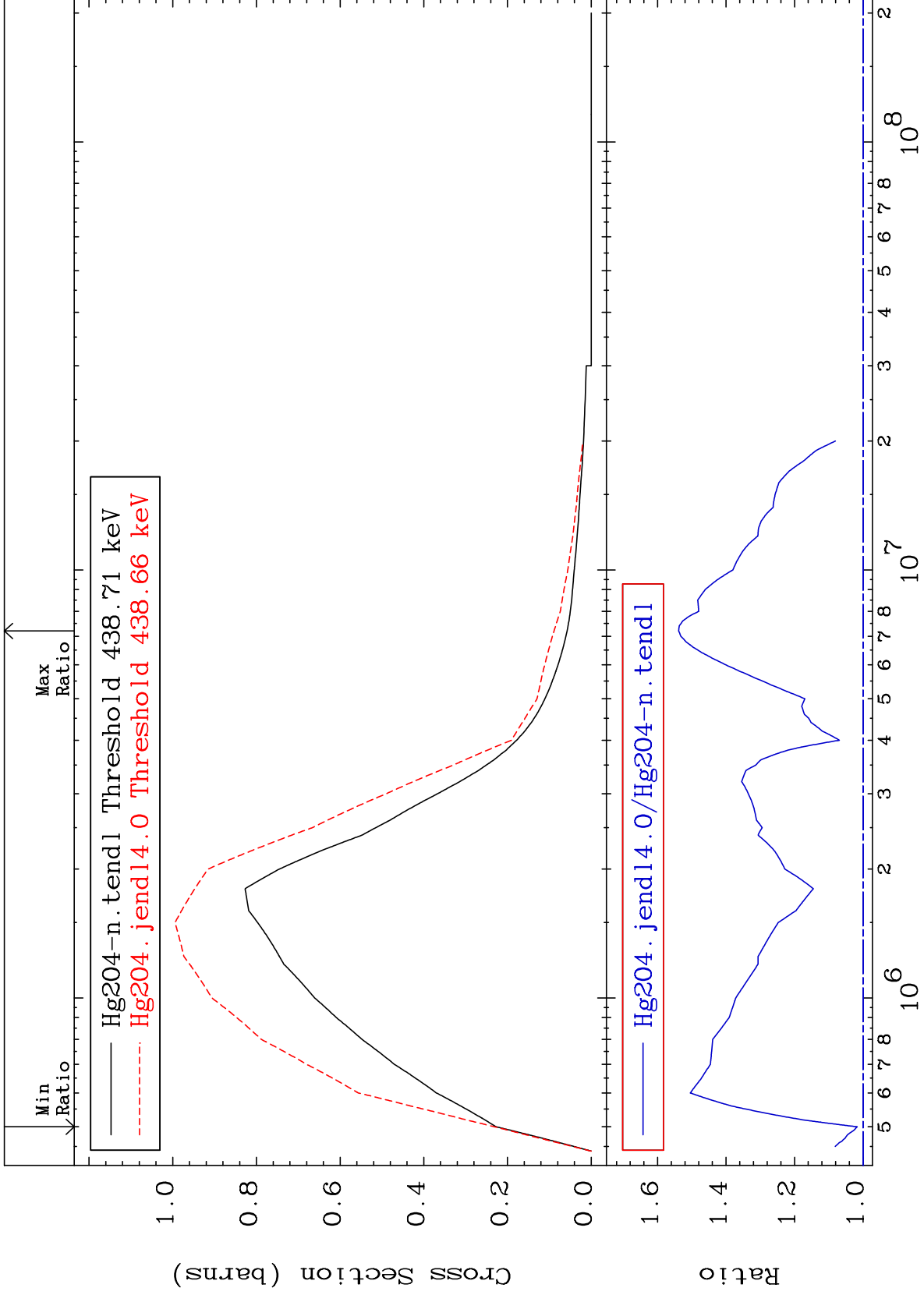
80-Hg-204

80-Hg-204

MAT 8049

436.6 keV (n,n') Level  
Cross Section

1.684 To 53.86 %  
80-Hg-204



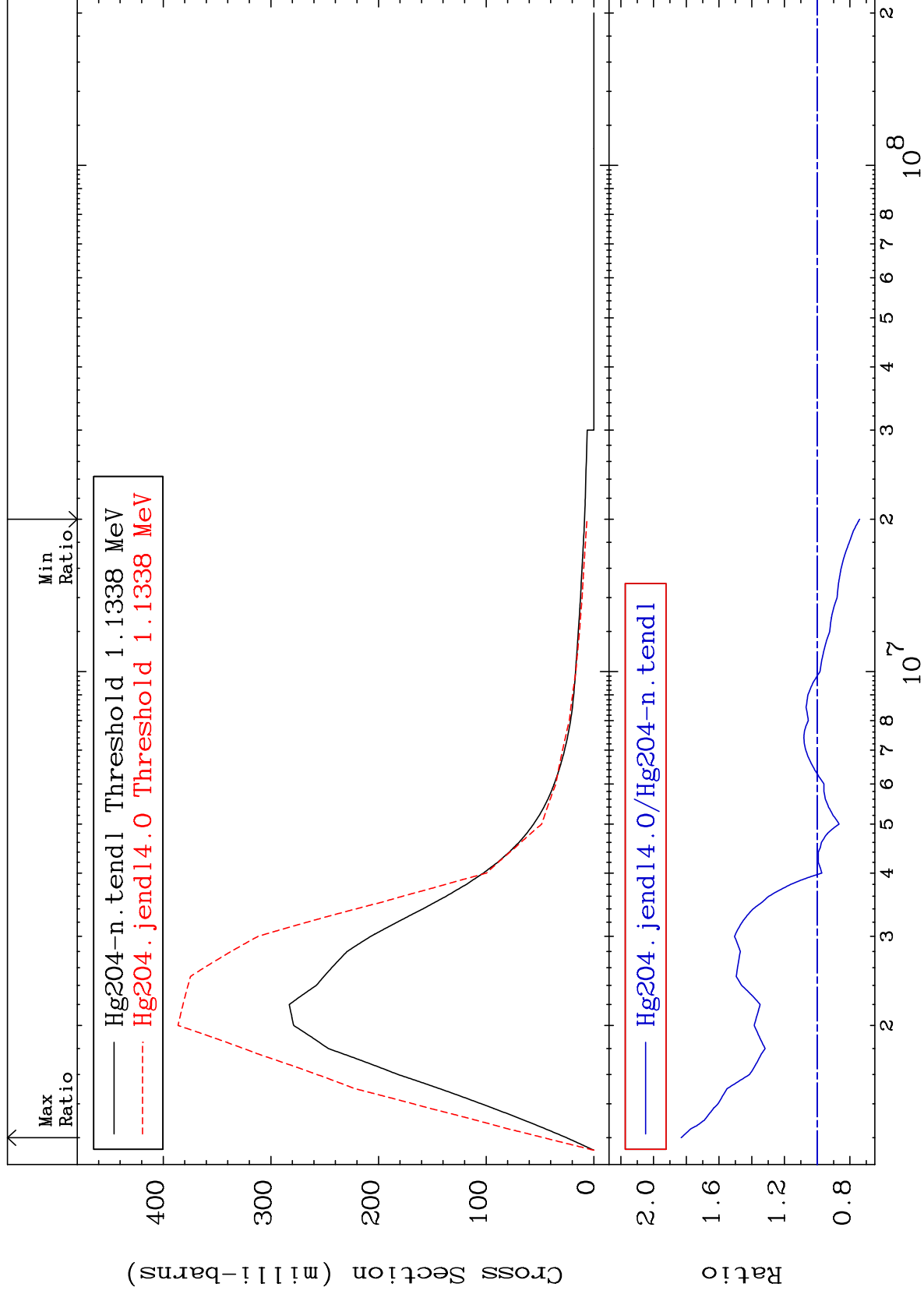


MAT 8049

1.128 MeV (n,n') Level

80-Hg-204

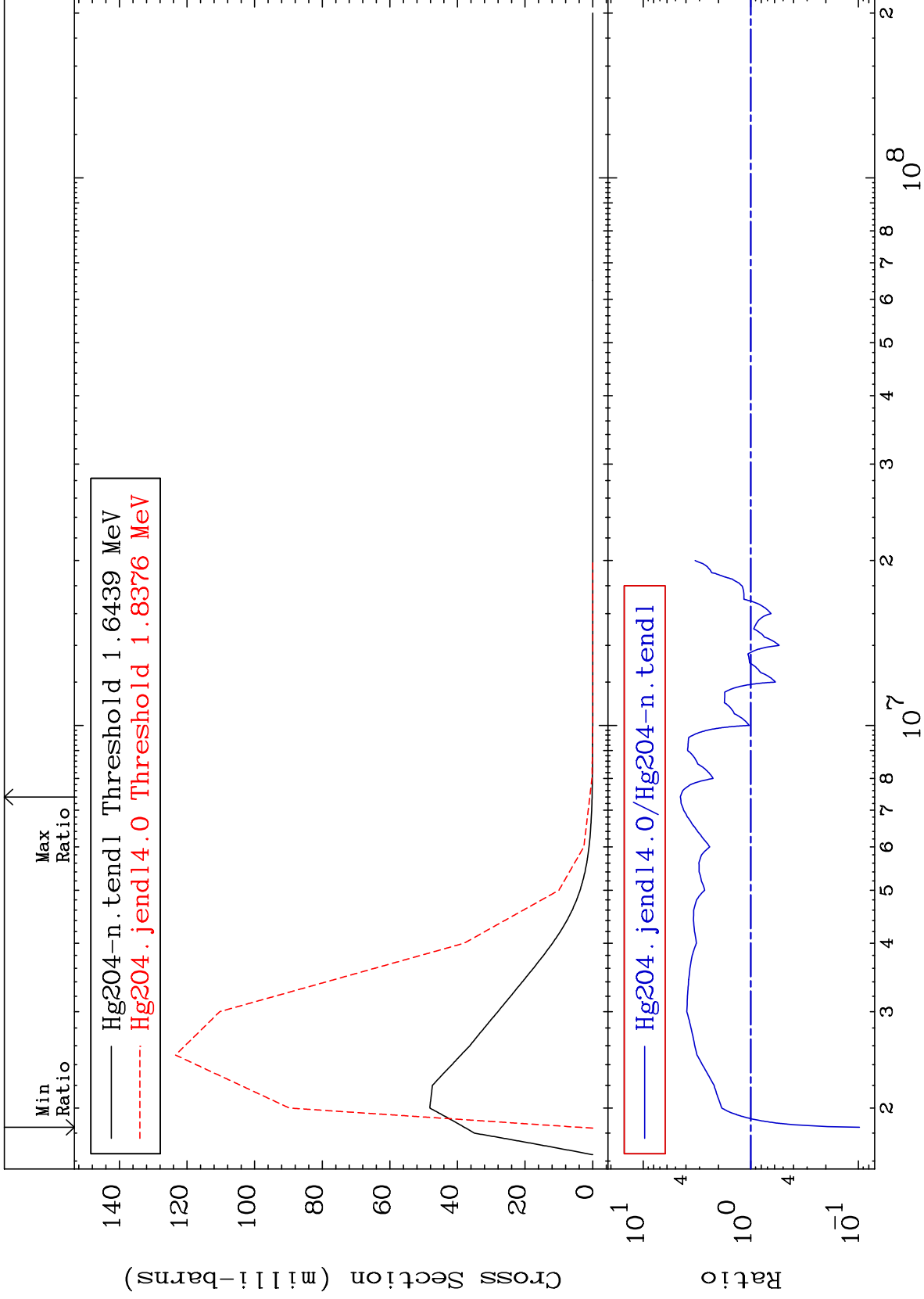
-25.92 To 83.13 %



MAT 8049

1.636 MeV (n,n') Level  
Cross Section

80-Hg-204  
-90.24 To 351.3 %



10

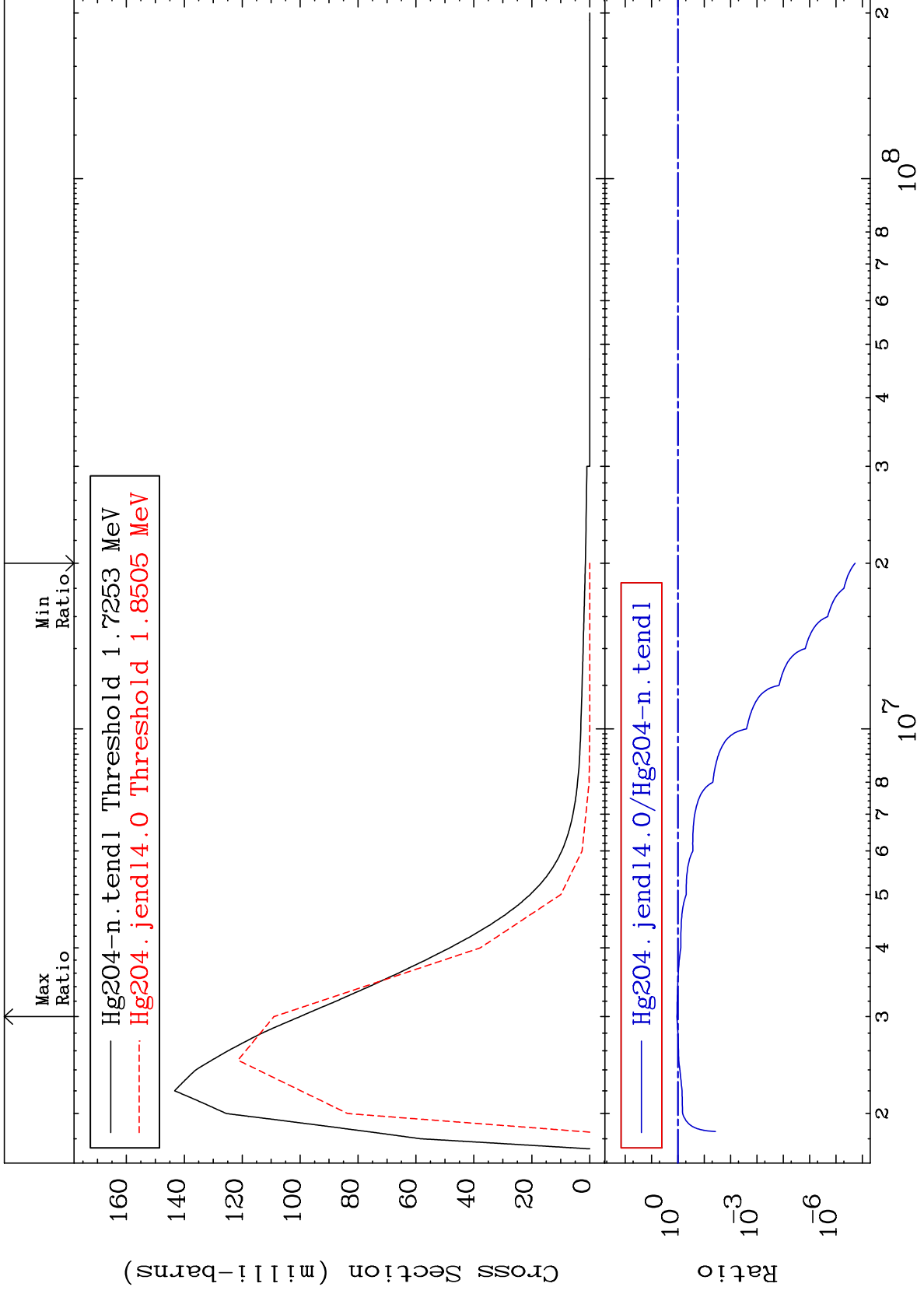
Incident Energy (eV)

80-Hg-204

MAT 8049

1.717 MeV (n,n') Level  
Cross Section

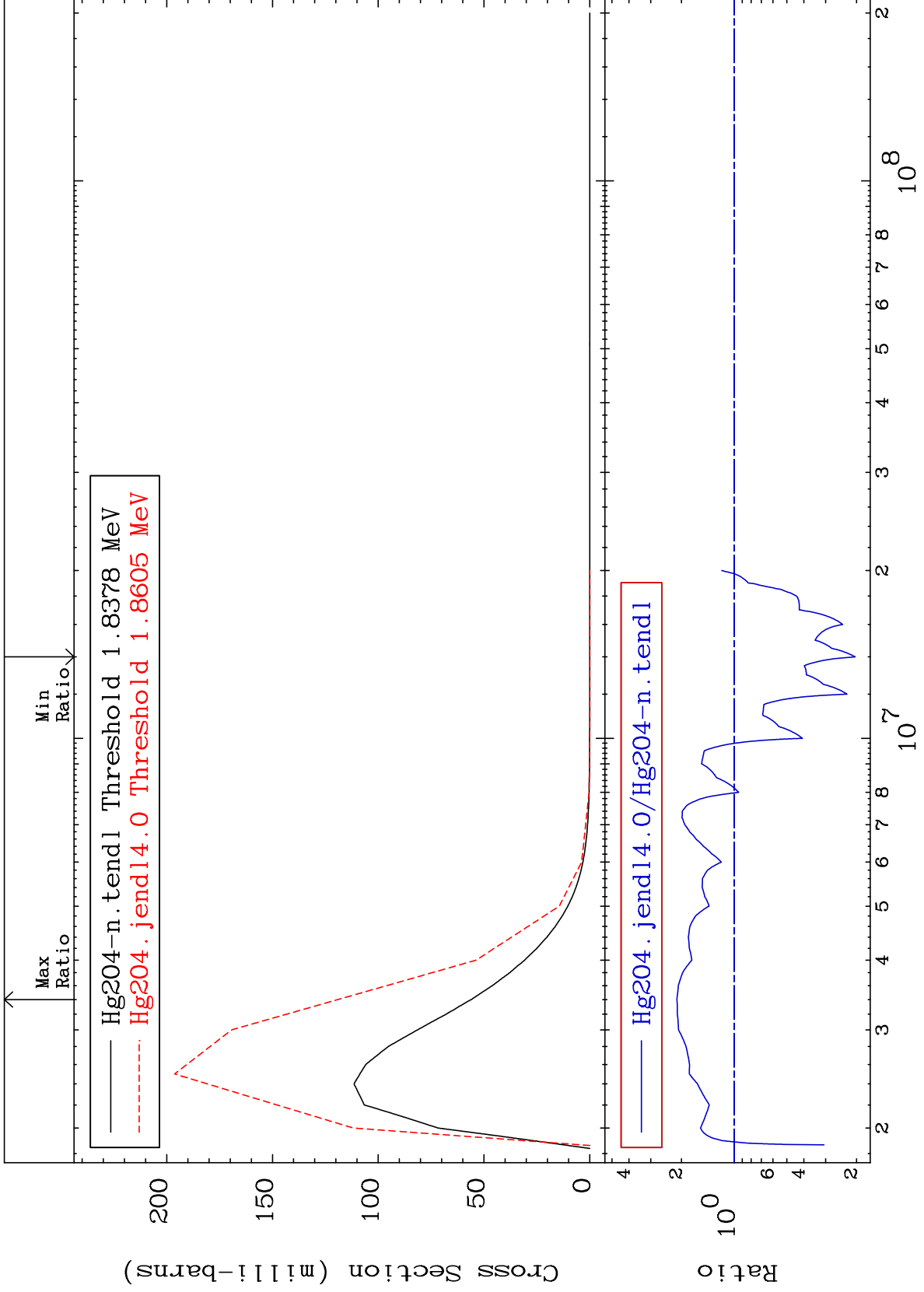
80-Hg-204  
-100.0 To 8.985 %



MAT 8049

1.829 MeV (n,n') Level  
Cross Section

80-Hg-204  
-79.63 To 112.5 %



12

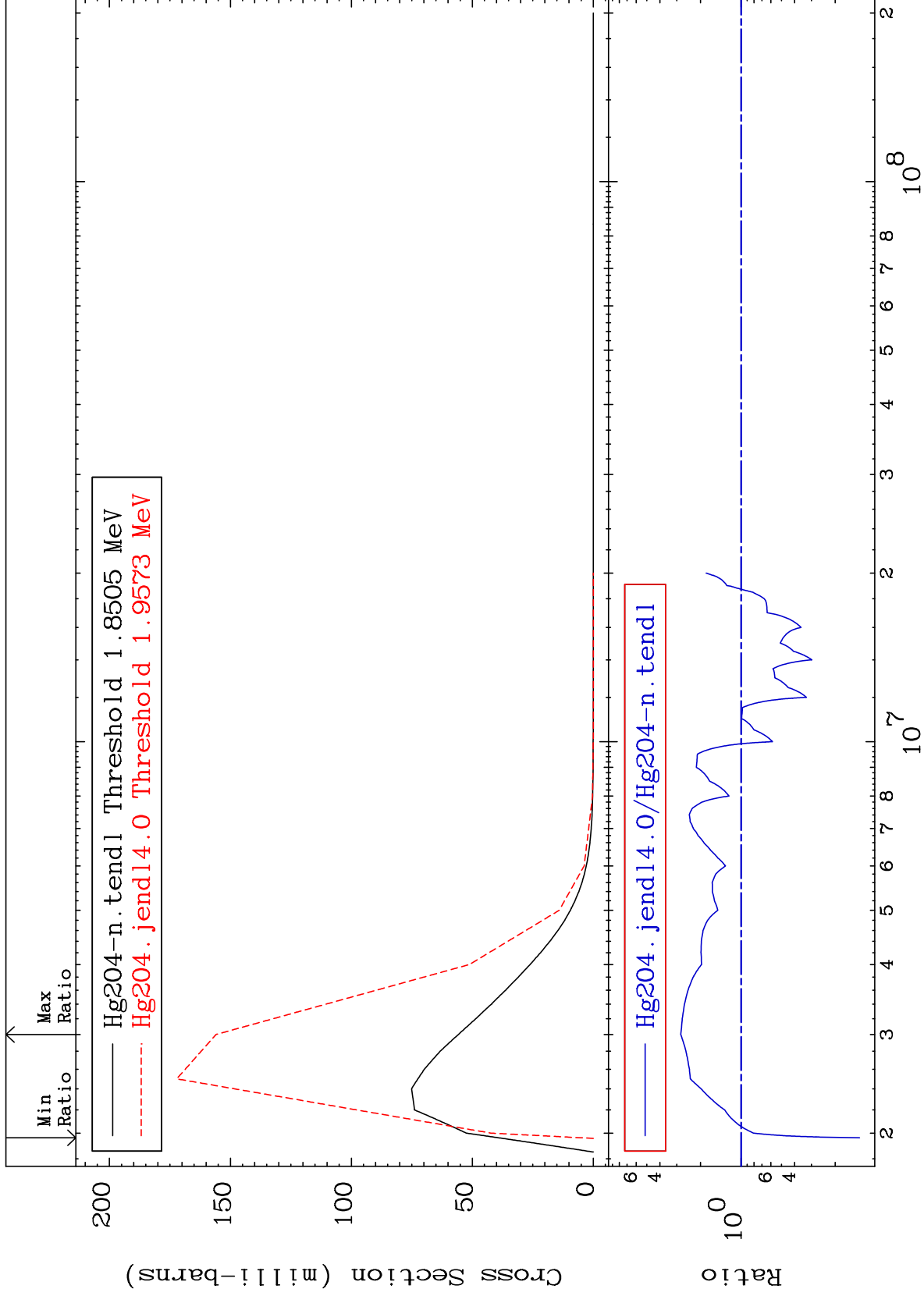
Incident Energy (eV)

80-Hg-204

MAT 8049

1.841 MeV (n,n') Level  
Cross Section

80-Hg-204  
-86.80 To 179.8 %

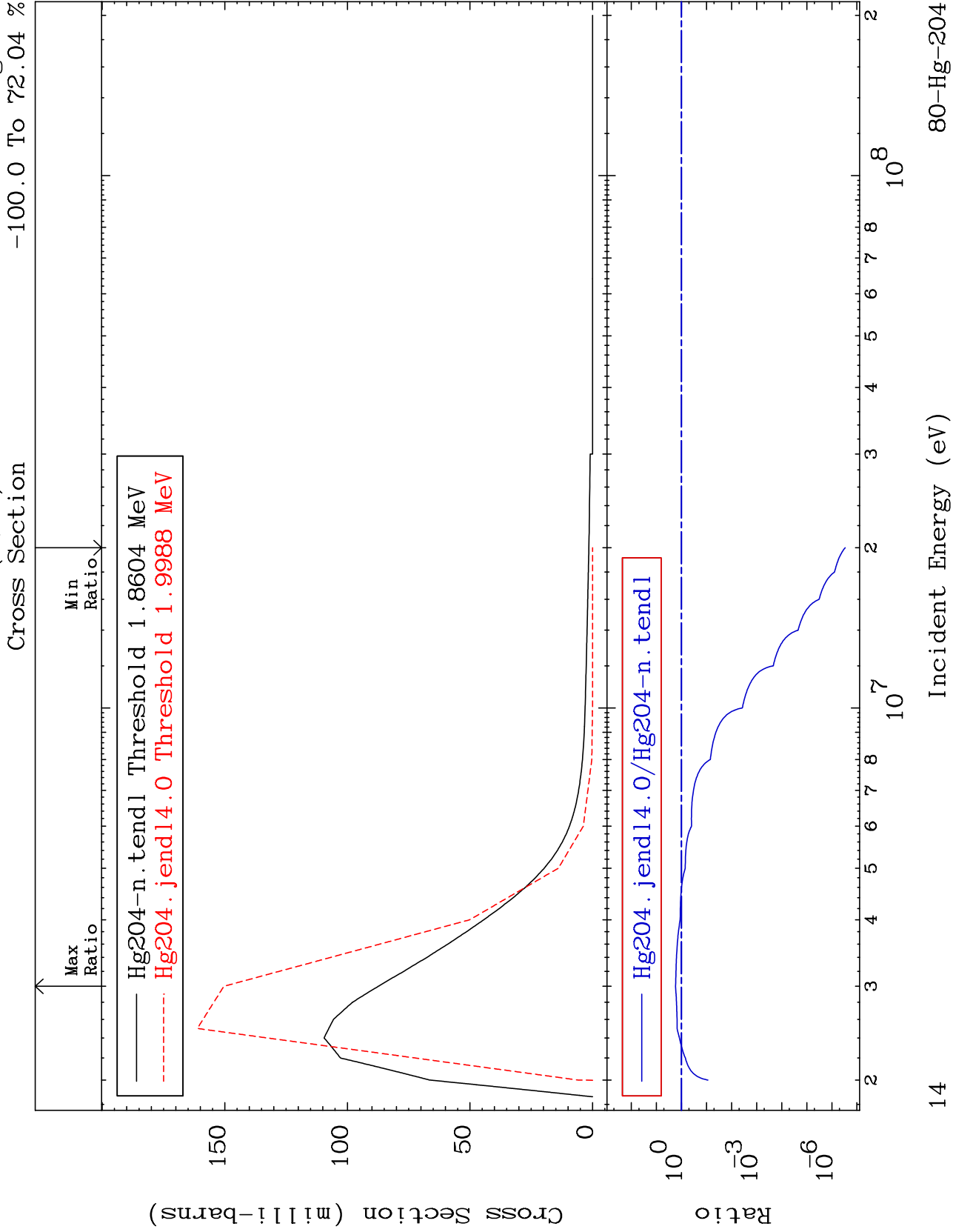


MAT 8049

1.851 MeV (n,n') Level

80-Hg-204

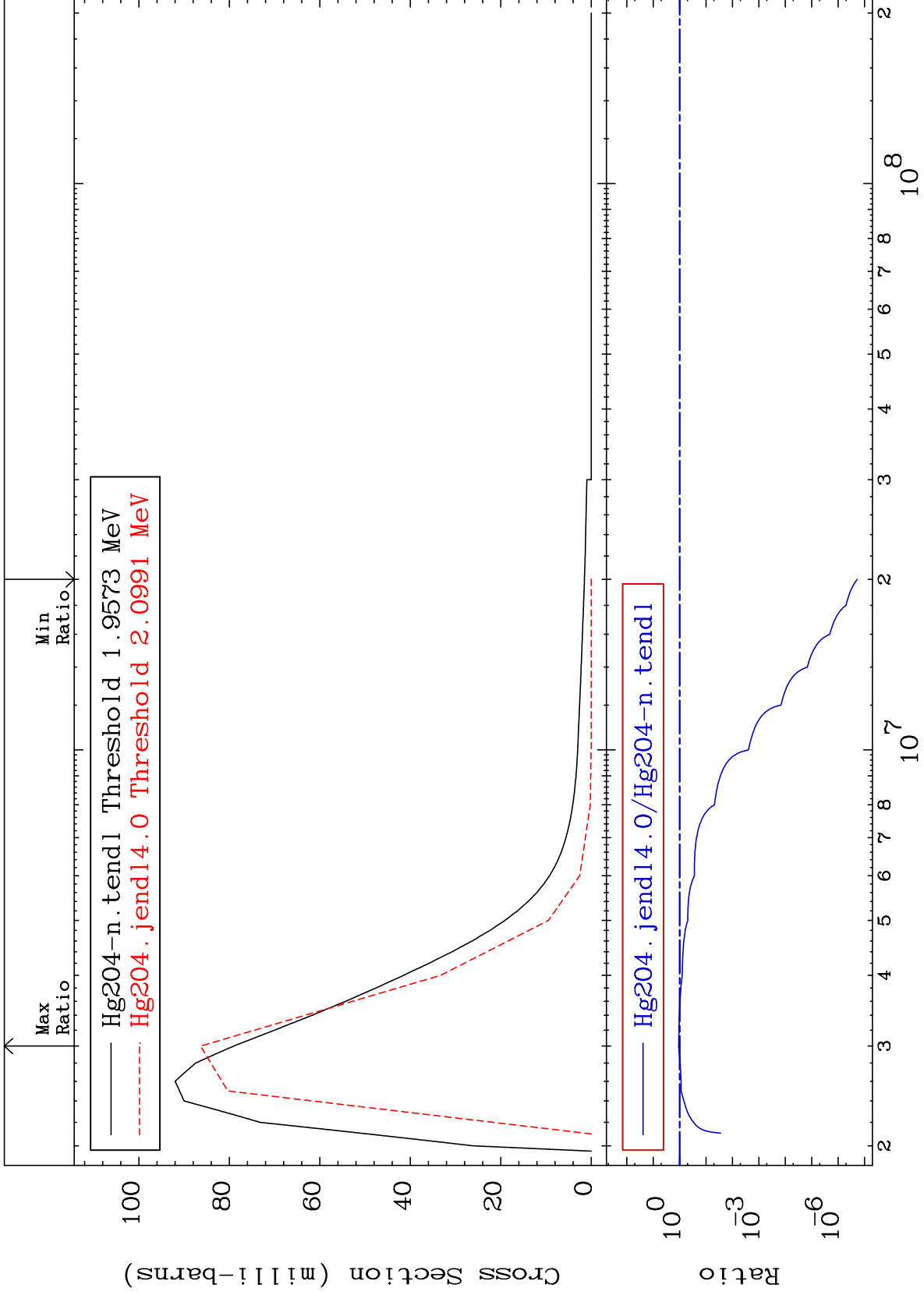
-100.0 To 72.04 %



MAT 8049

1.948 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 9.297 %



15

80-Hg-204

80-Hg-204

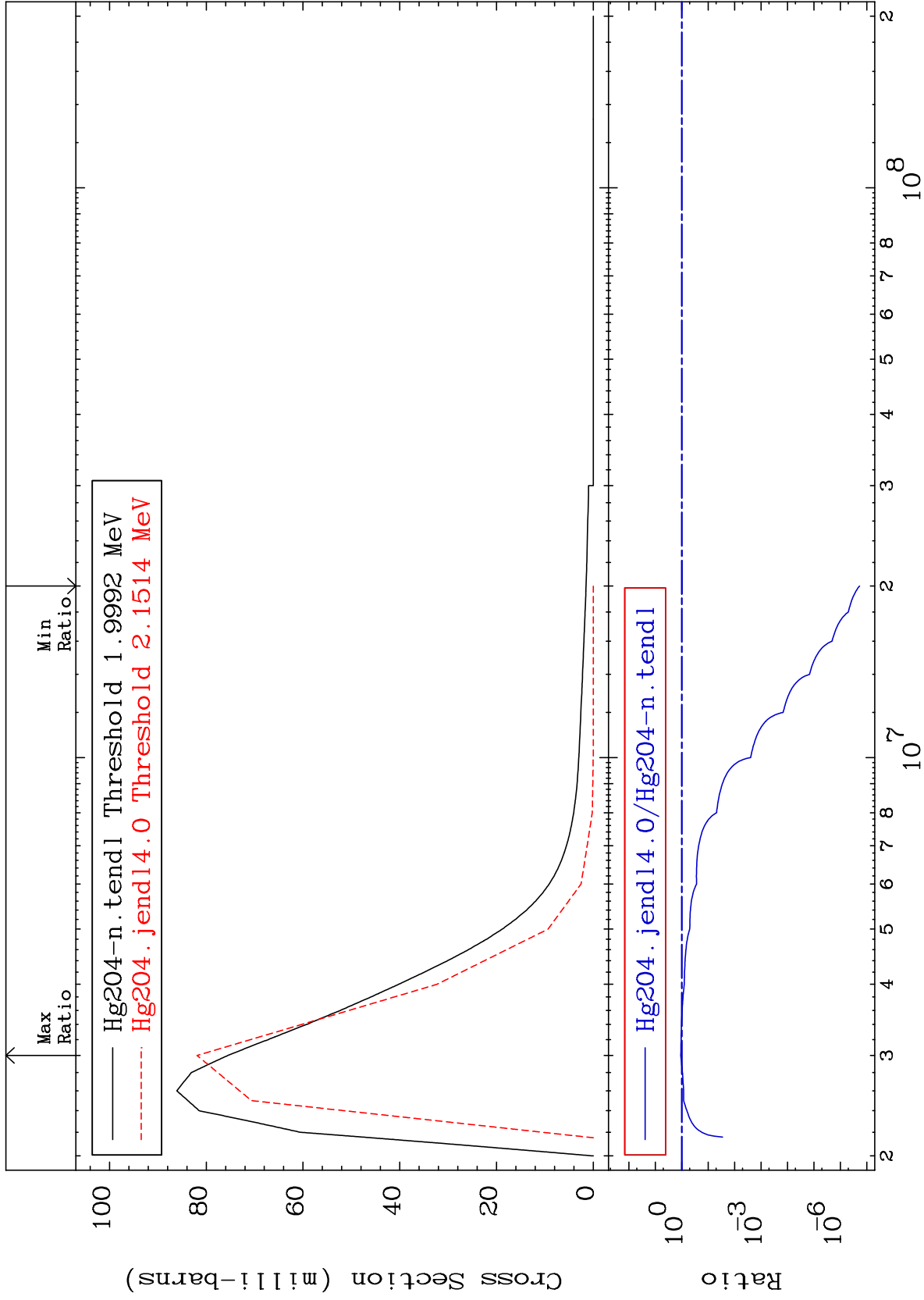
MAT 8049

1.989 MeV (n,n') Level

80-Hg-204

-100.0 To 8.409 %

Cross Section



16

Incident Energy (eV)

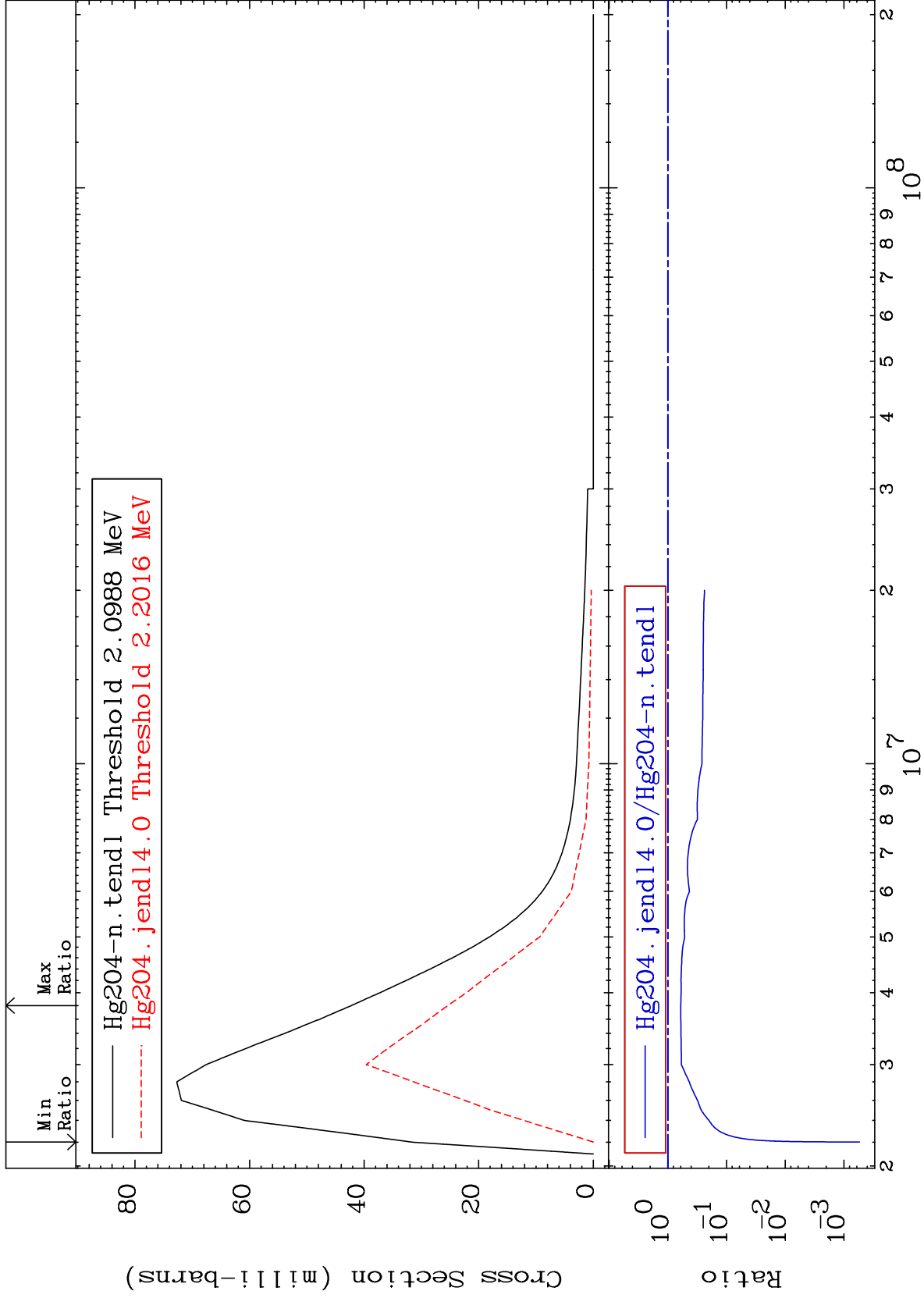
80-Hg-204



MAT 8049

2.089 MeV (n,n') Level  
Cross Section

80-Hg-204  
-99.95 To -39.86%



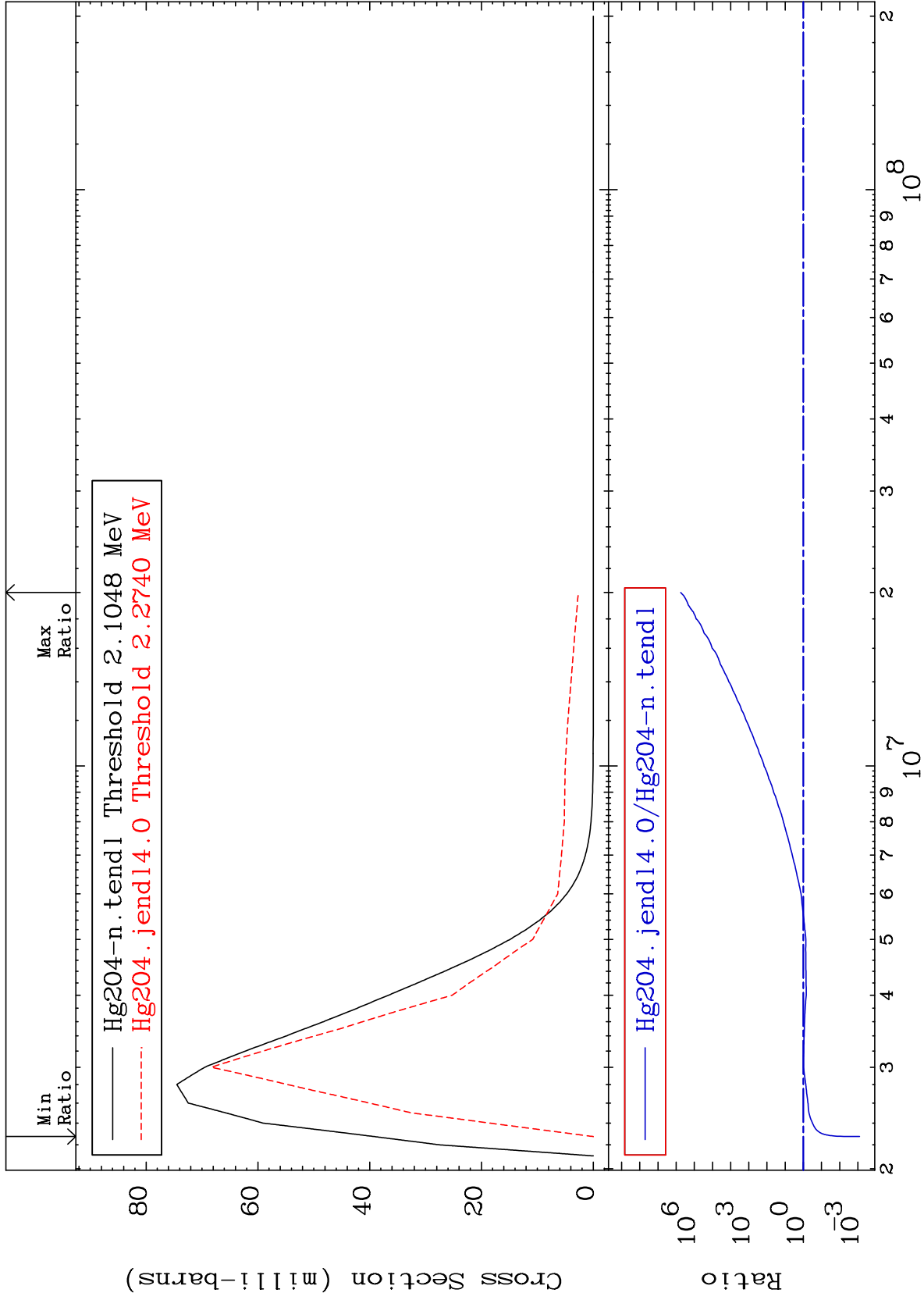
MAT 8049

2.094 MeV (n,n') Level

80-Hg-204

-99.92 To 9999. %

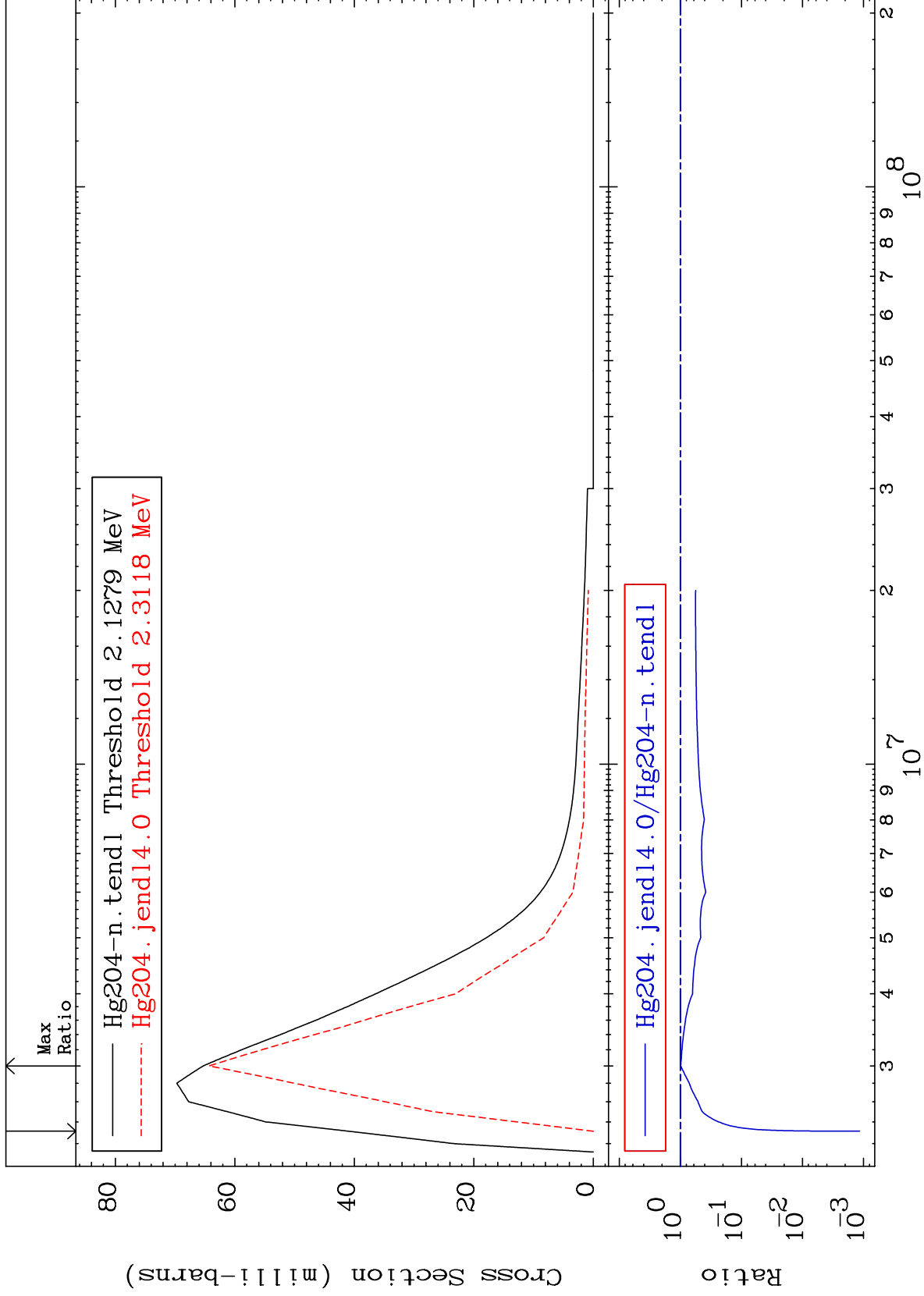
Cross Section



MAT 8049

2.117 MeV (n,n') Level  
Cross Section

80-Hg-204  
-99.88 To -1.509%



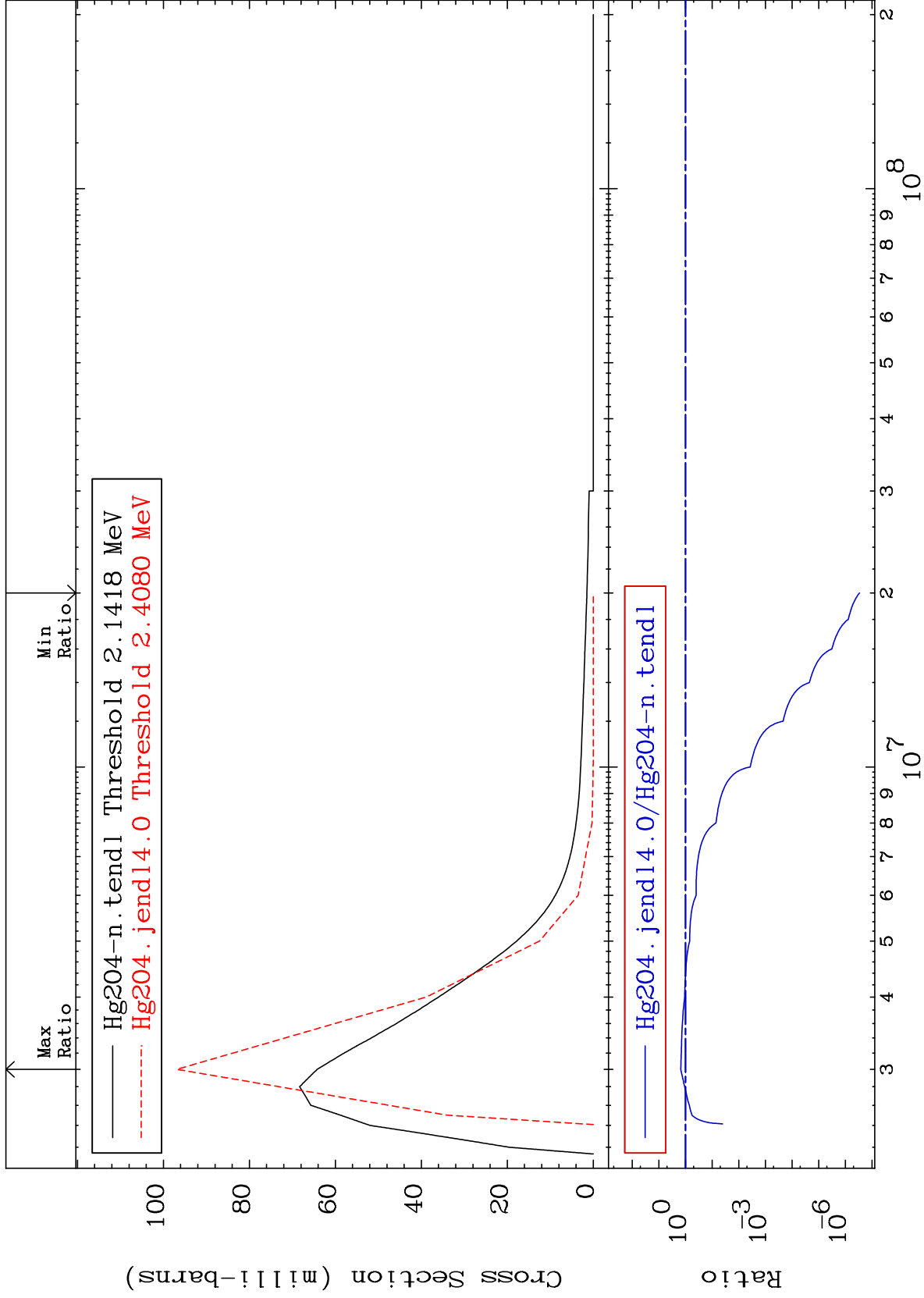
MAT 8049

2.131 MeV (n,n') Level

80-Hg-204

-100.0 To 50.86 %

Cross Section



20

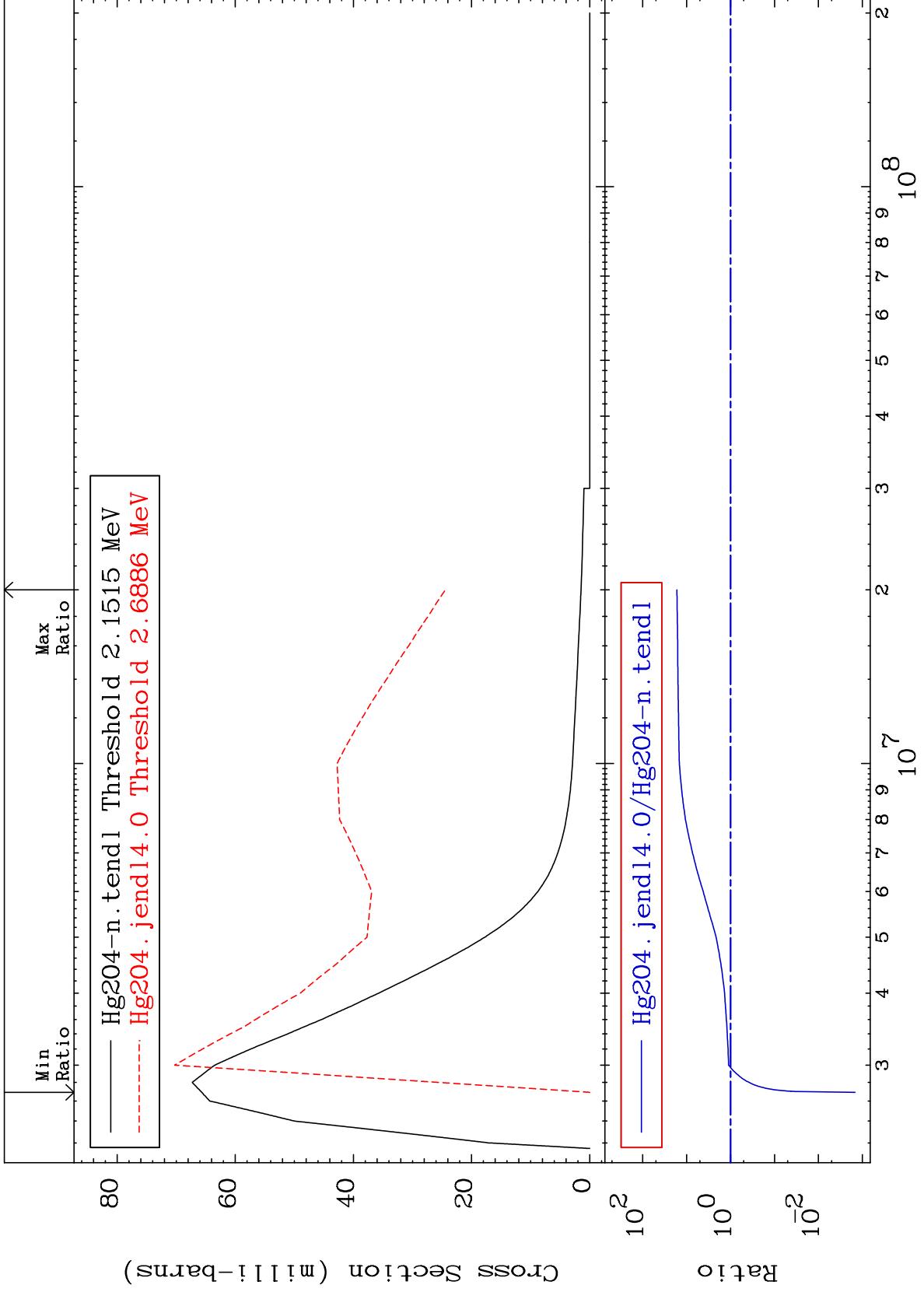
Incident Energy (eV)

80-Hg-204

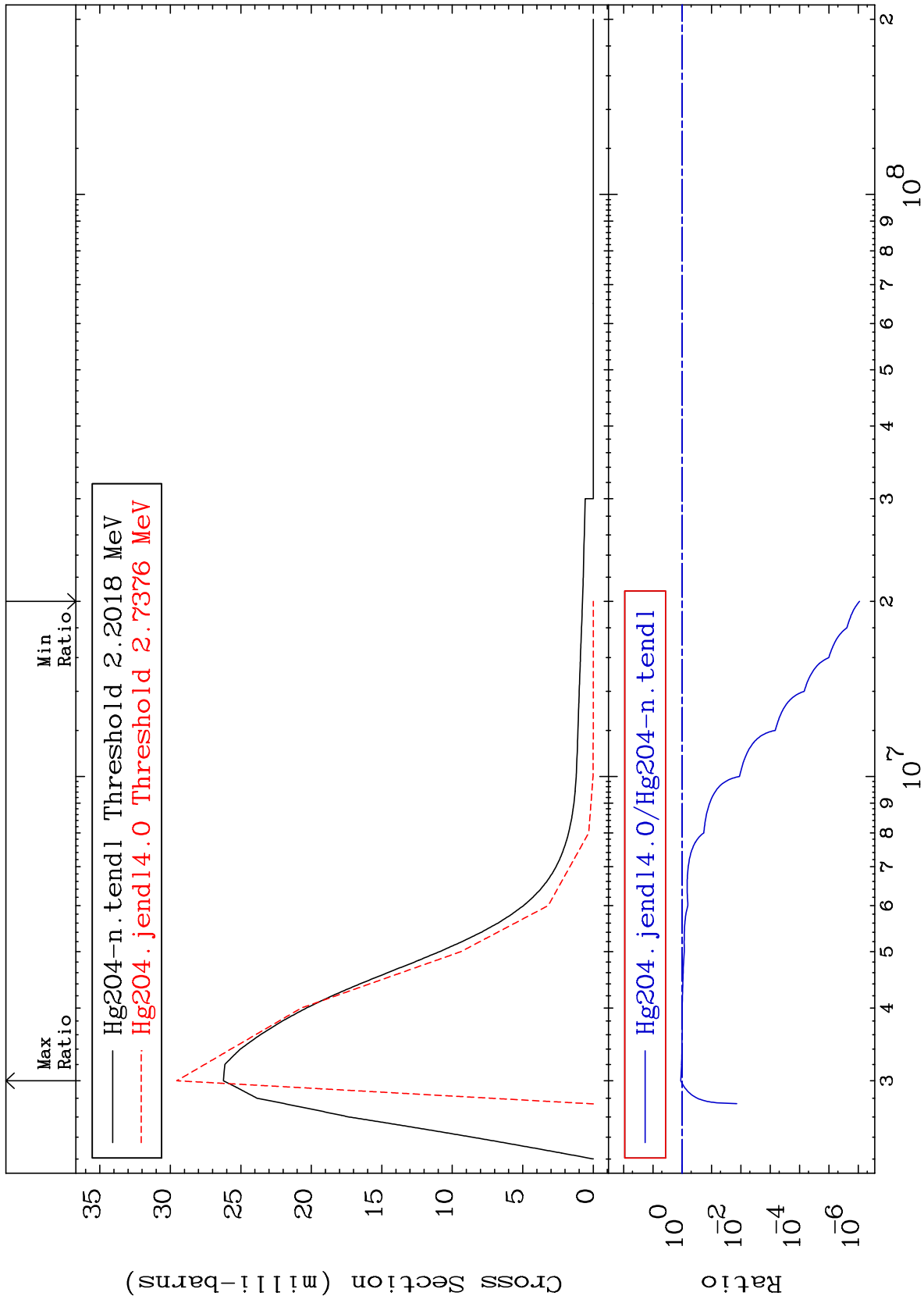
MAT 8049

2.141 MeV (n,n') Level  
Cross Section

80-Hg-204  
-99.85 To 1563. %



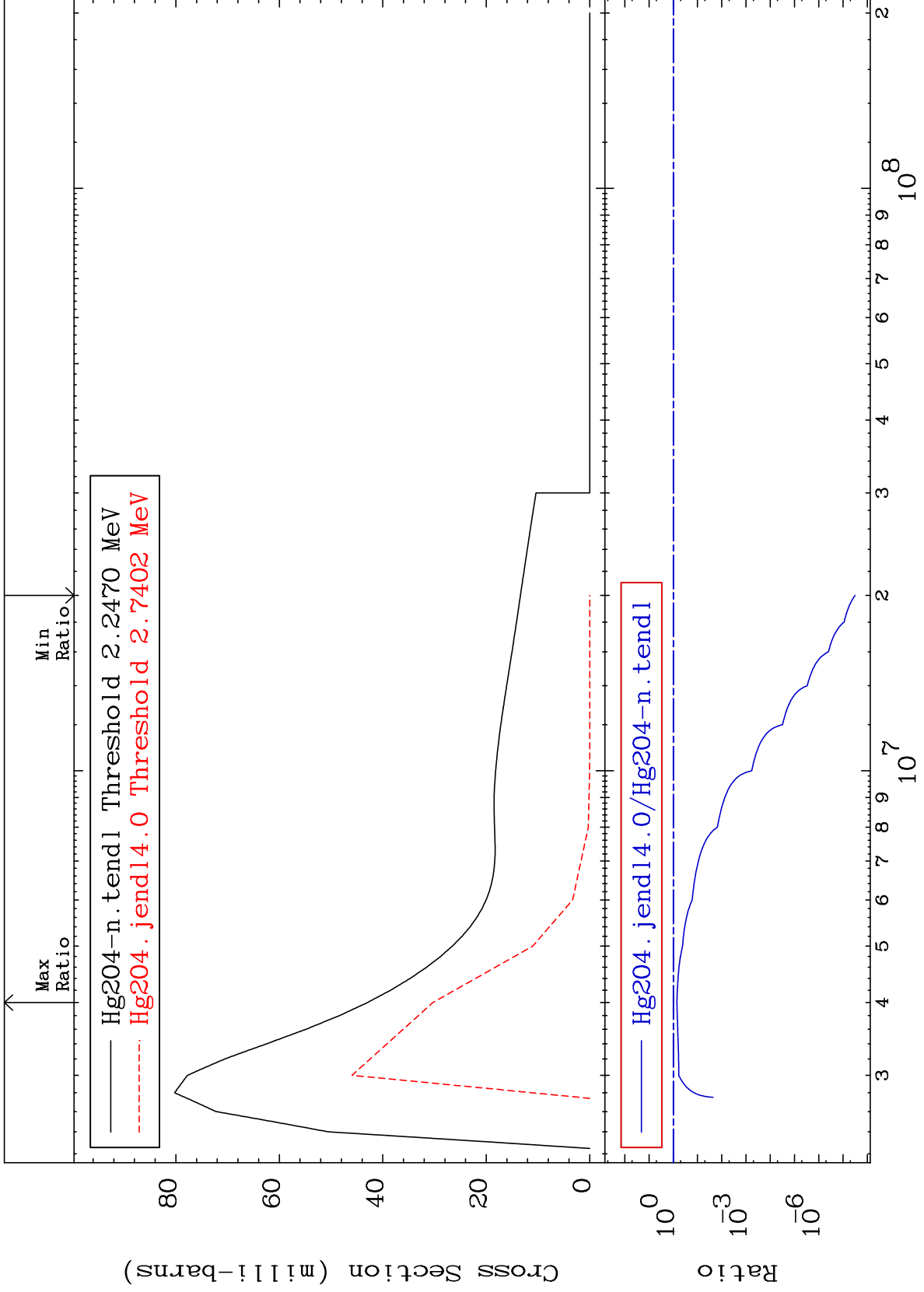
MAT 8049      2.191 MeV (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 12.62 %



MAT 8049

2.236 MeV (n,n') Level  
Cross Section

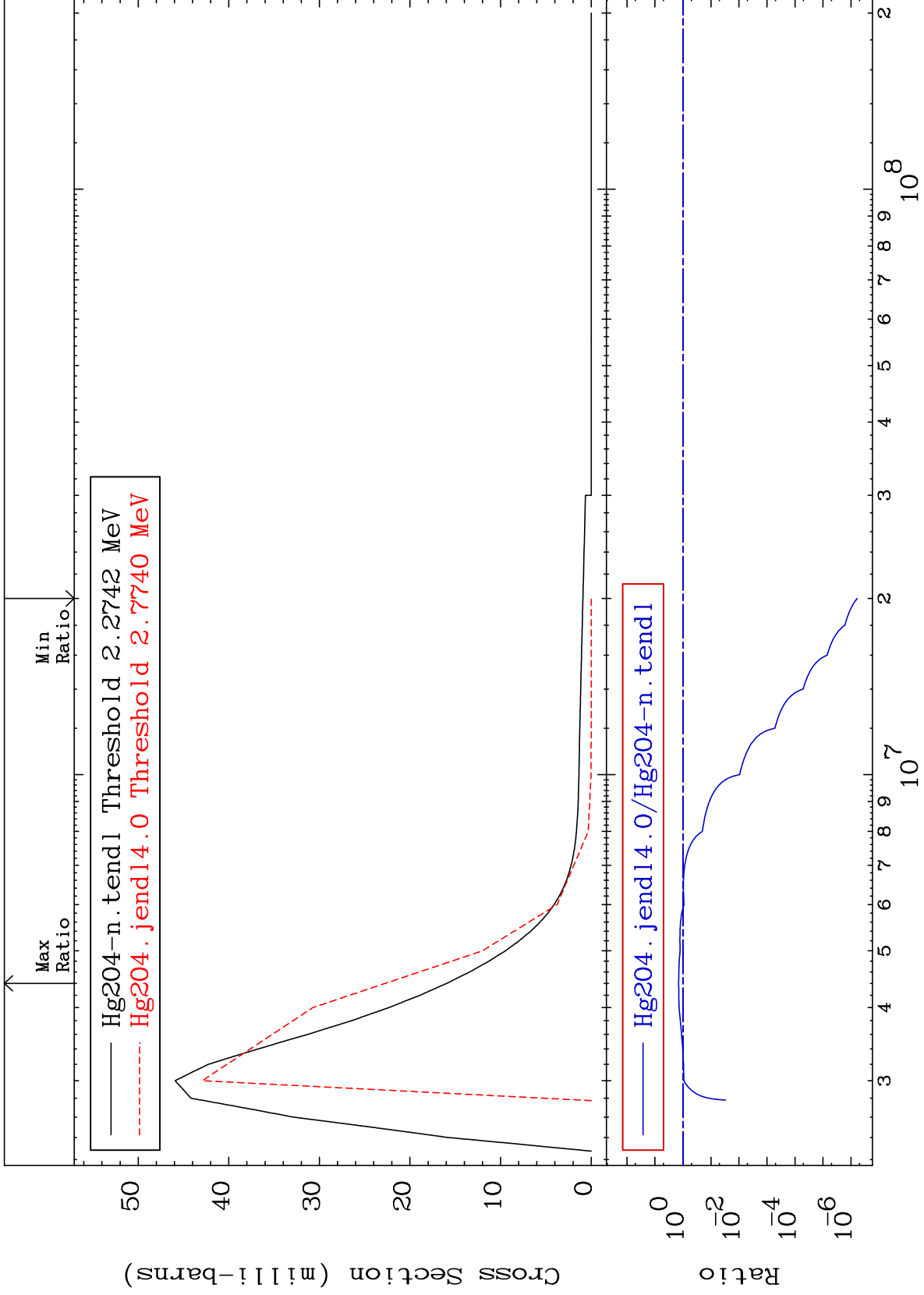
80-Hg-204  
-100.0 To -29.42%



MAT 8049

2.263 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 42.61 %





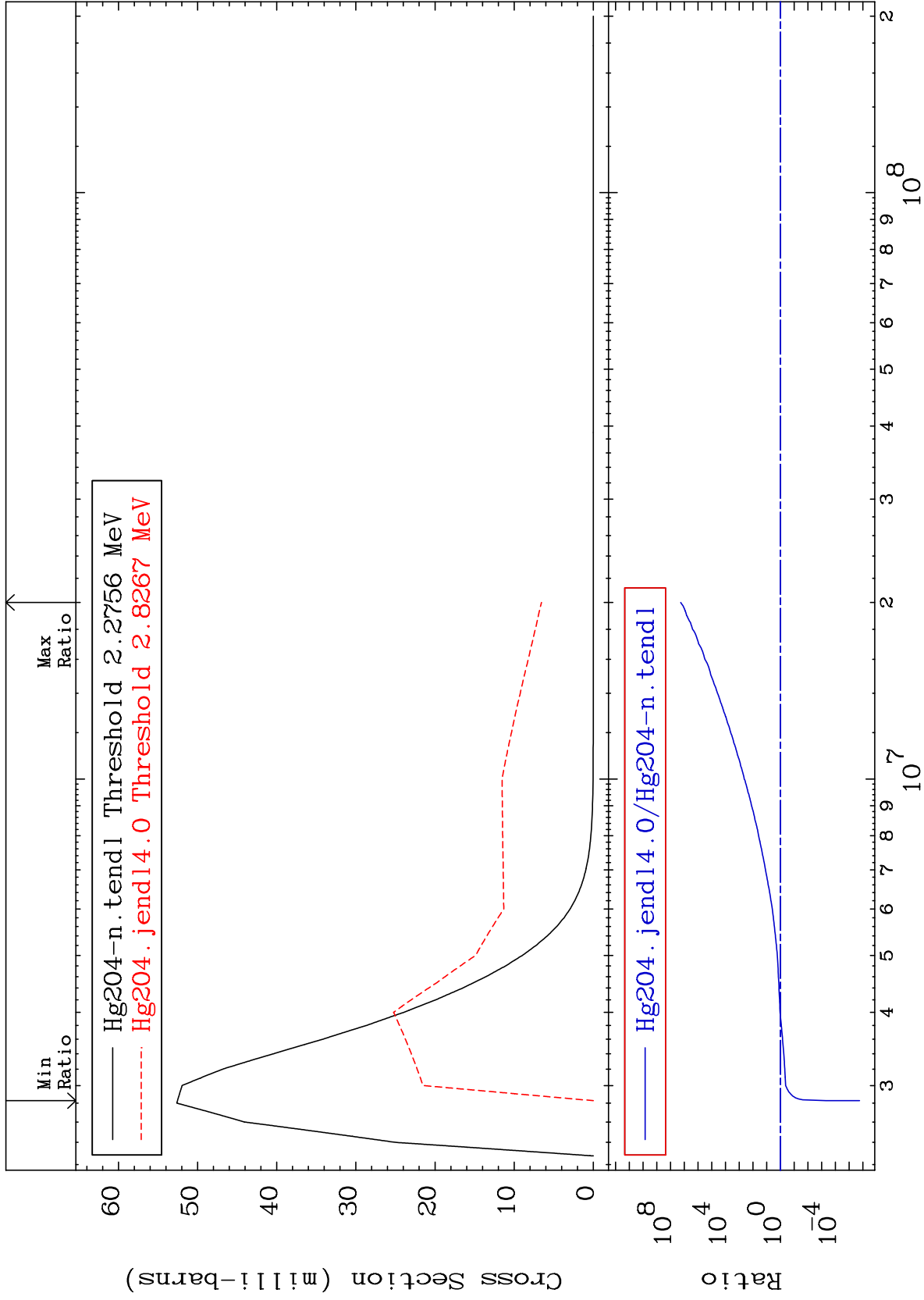
MAT 8049

2.264 MeV (n,n') Level

80-Hg-204

-100.0 To 9999. %

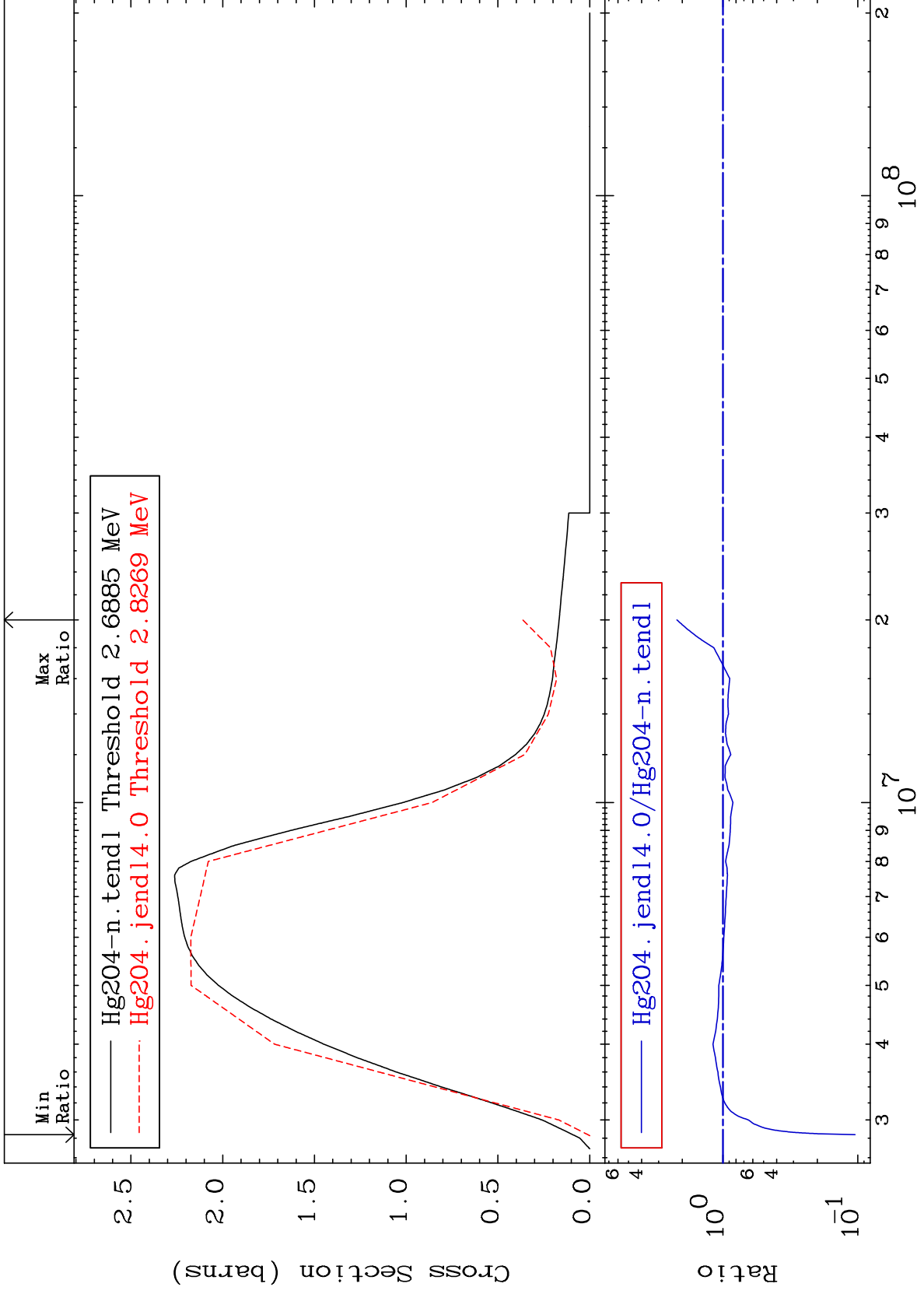
Cross Section



MAT 8049

(n, n') Continuum  
Cross Section

80-Hg-204  
-89.51 To 119.2 %

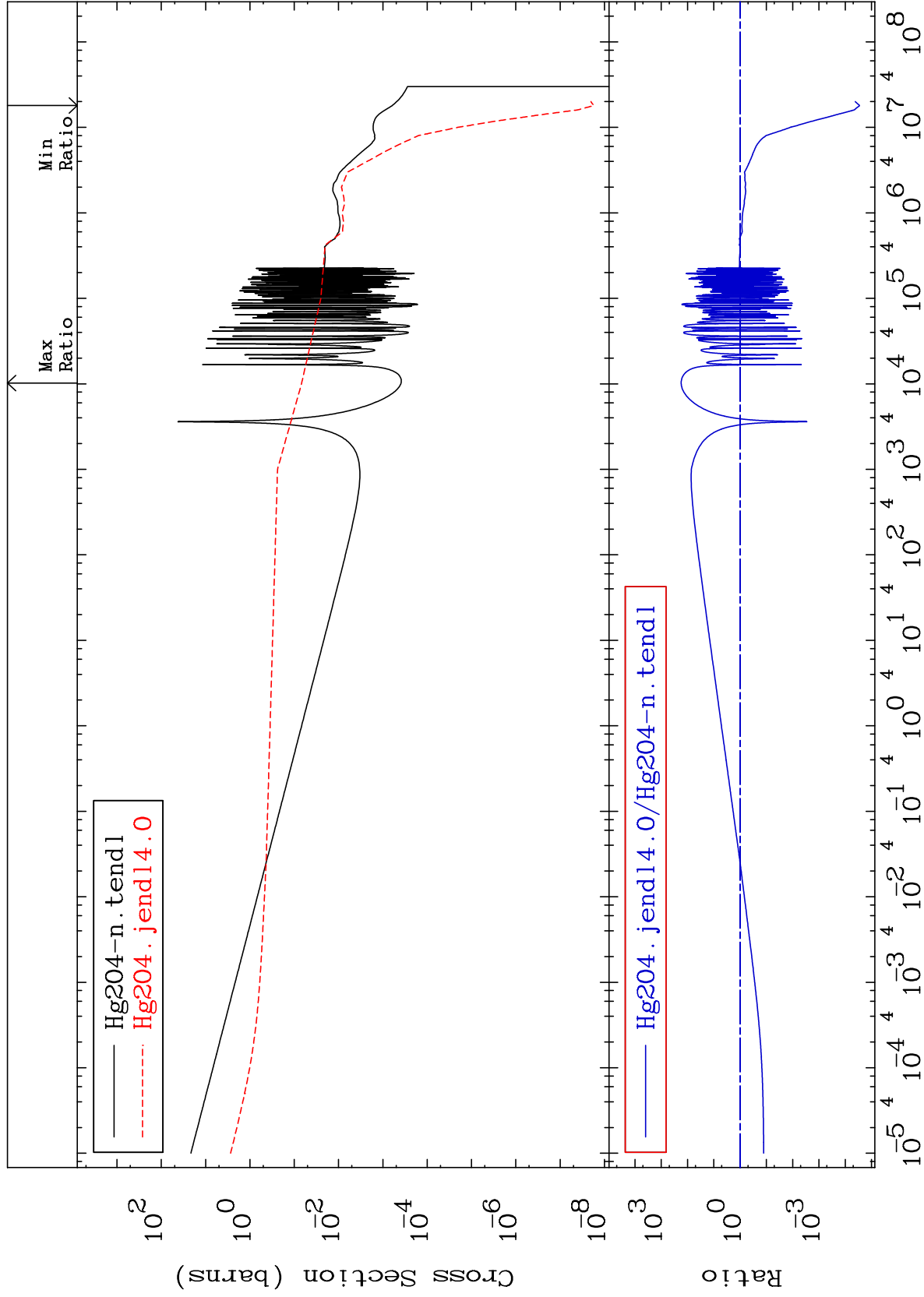


MAT 8049

(n,  $\gamma$ )  
Cross Section

80-Hg-204

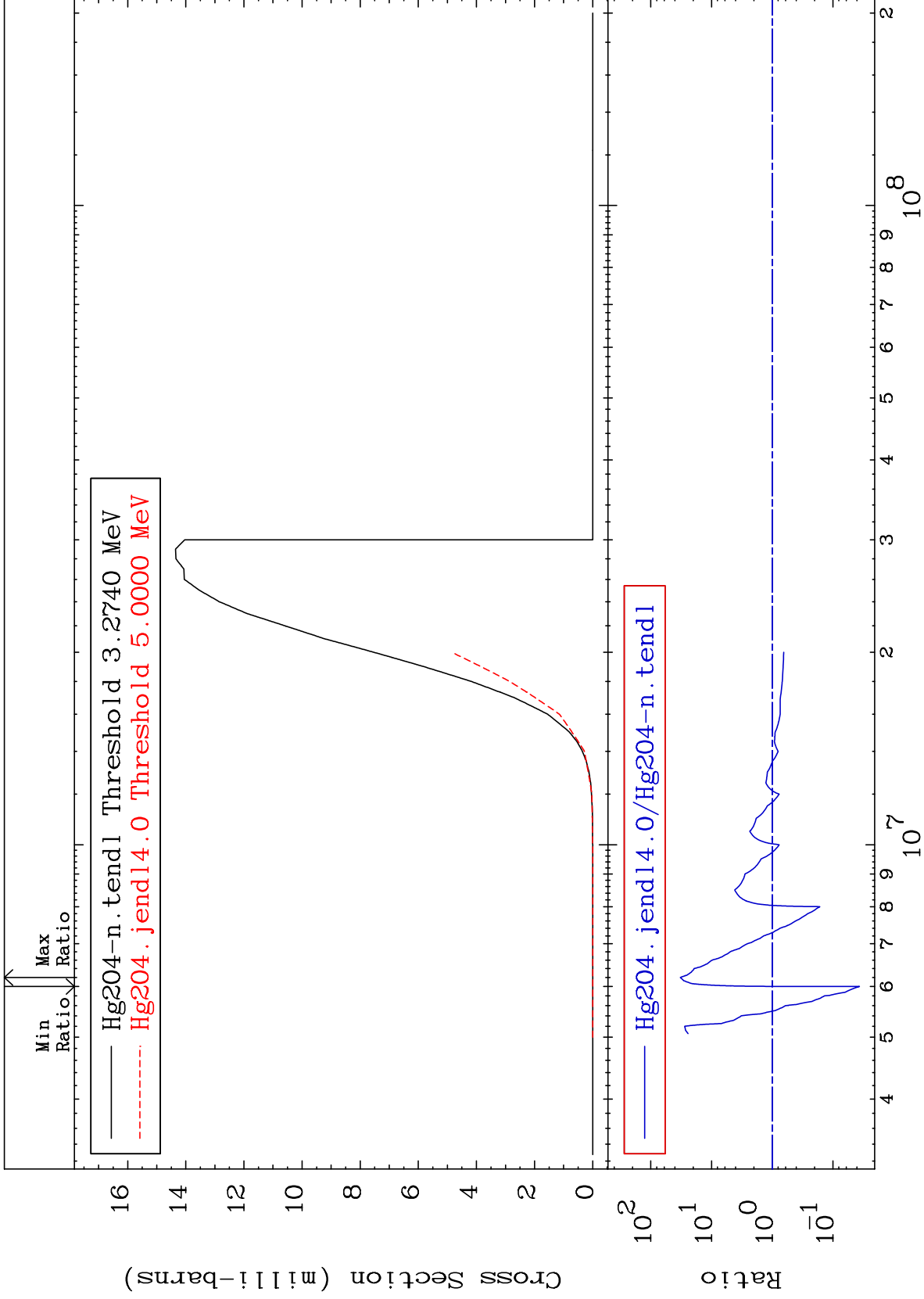
-100.0 To 9999. %



MAT 8049

(n,p)  
Cross Section

80-Hg-204  
-96.35 To 3158. %



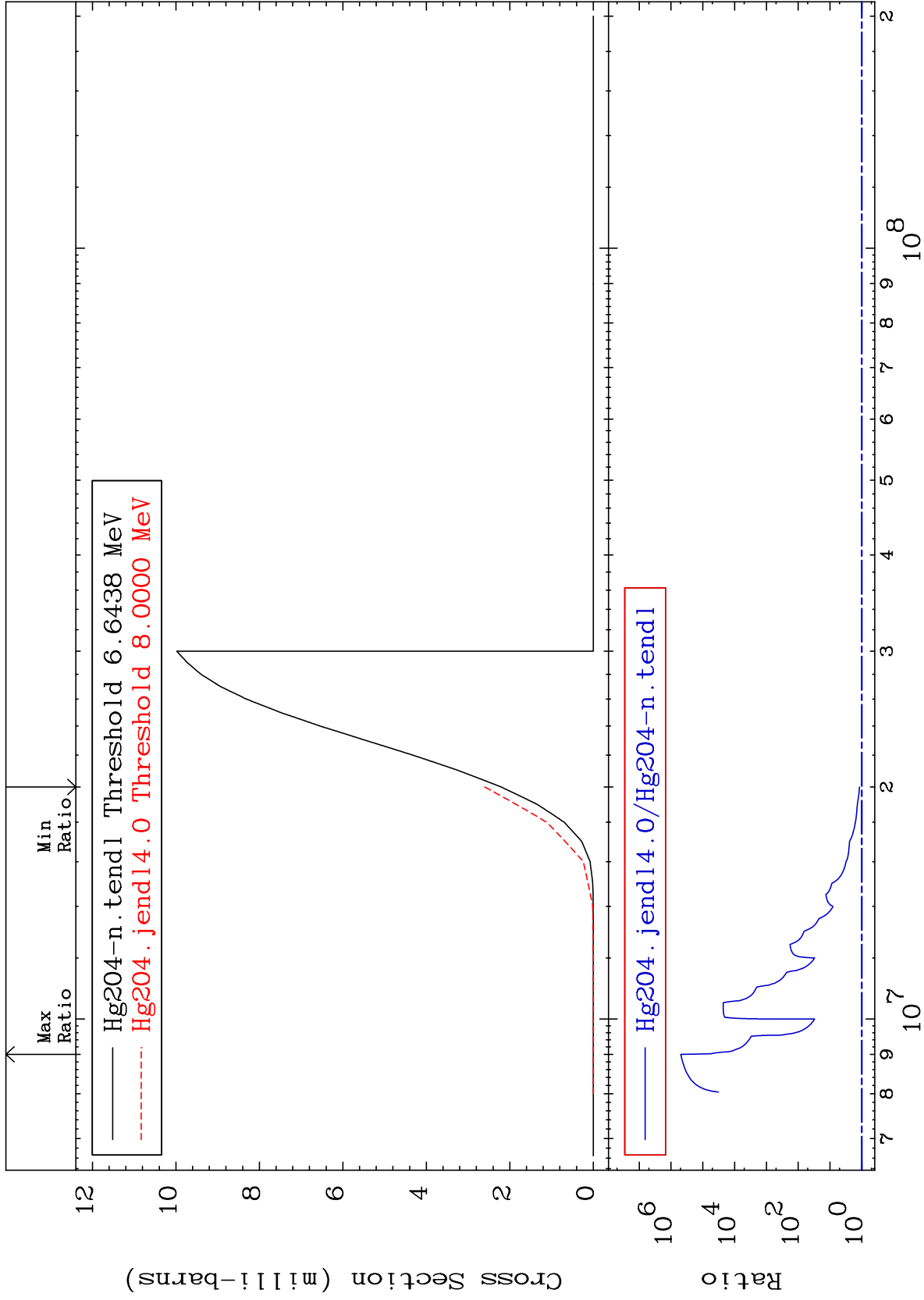
MAT 8049

(n, d)

80-Hg-204

Cross Section

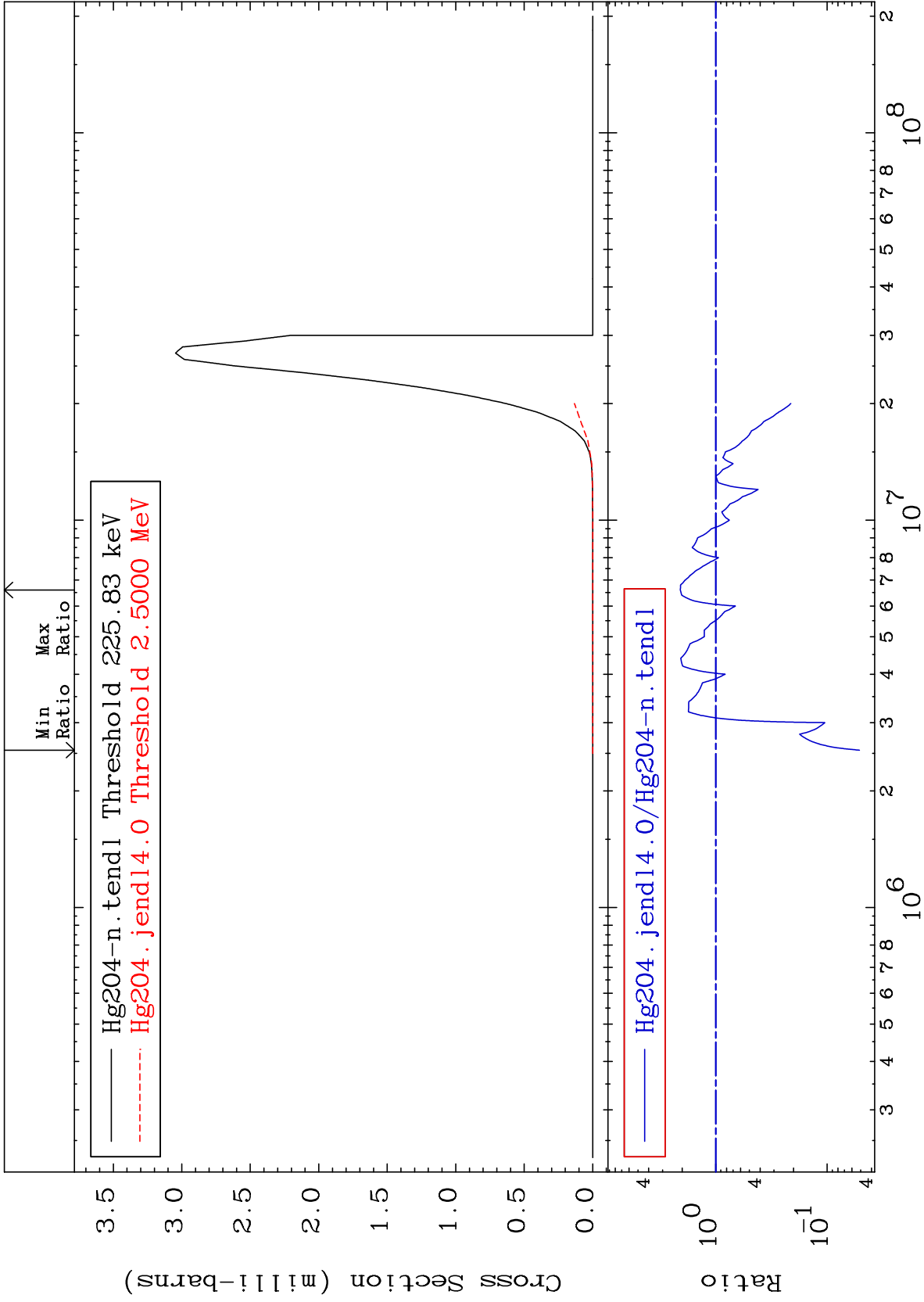
17.84 To 9999. %



MAT 8049

(n,  $\alpha$ )  
Cross Section

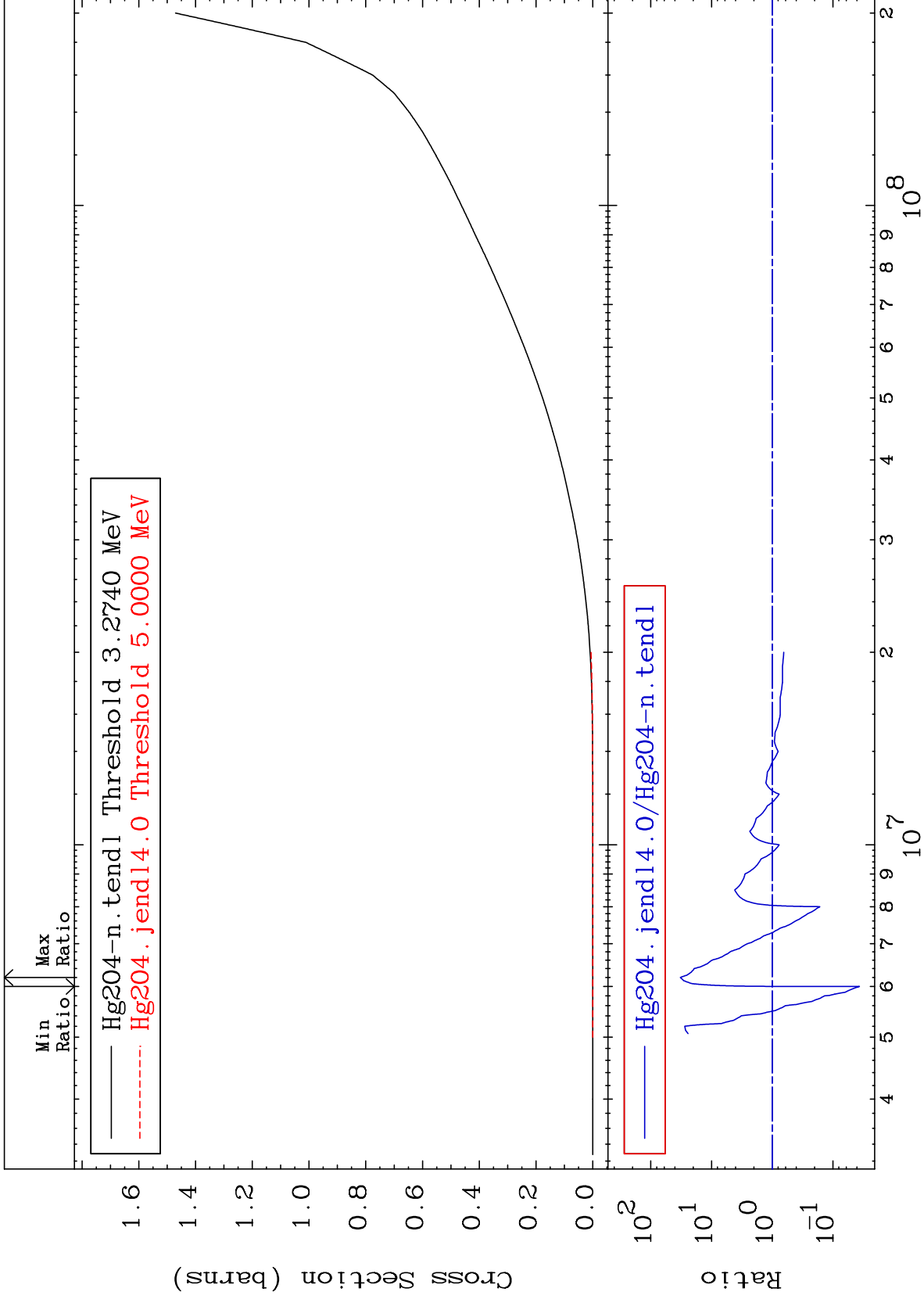
80-Hg-204  
-94.87 To 107.9 %



30

Incident Energy (eV)

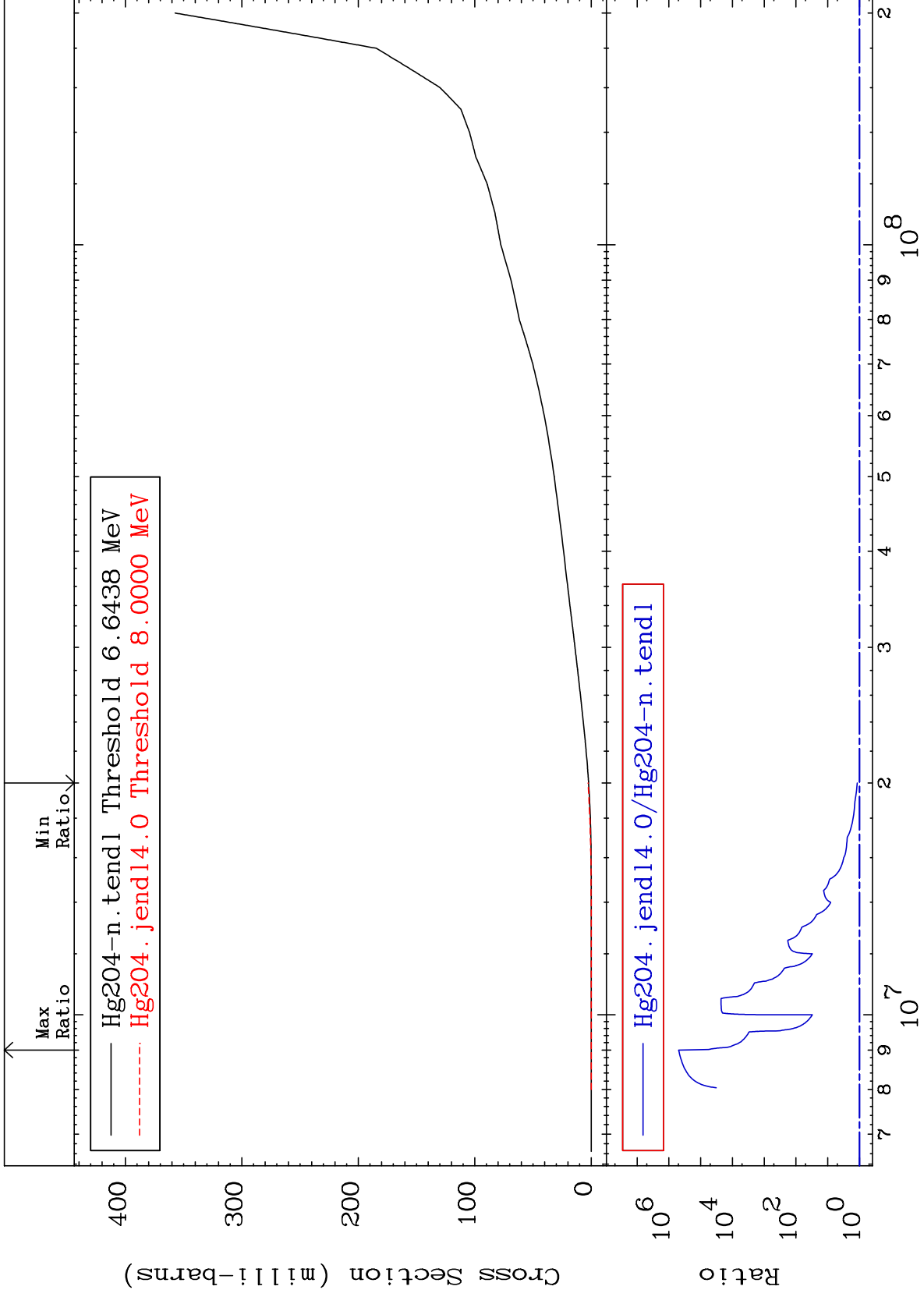
80-Hg-204



MAT 8049

Deuterium Production  
Cross Section

80-Hg-204  
17.84 To 9999. %

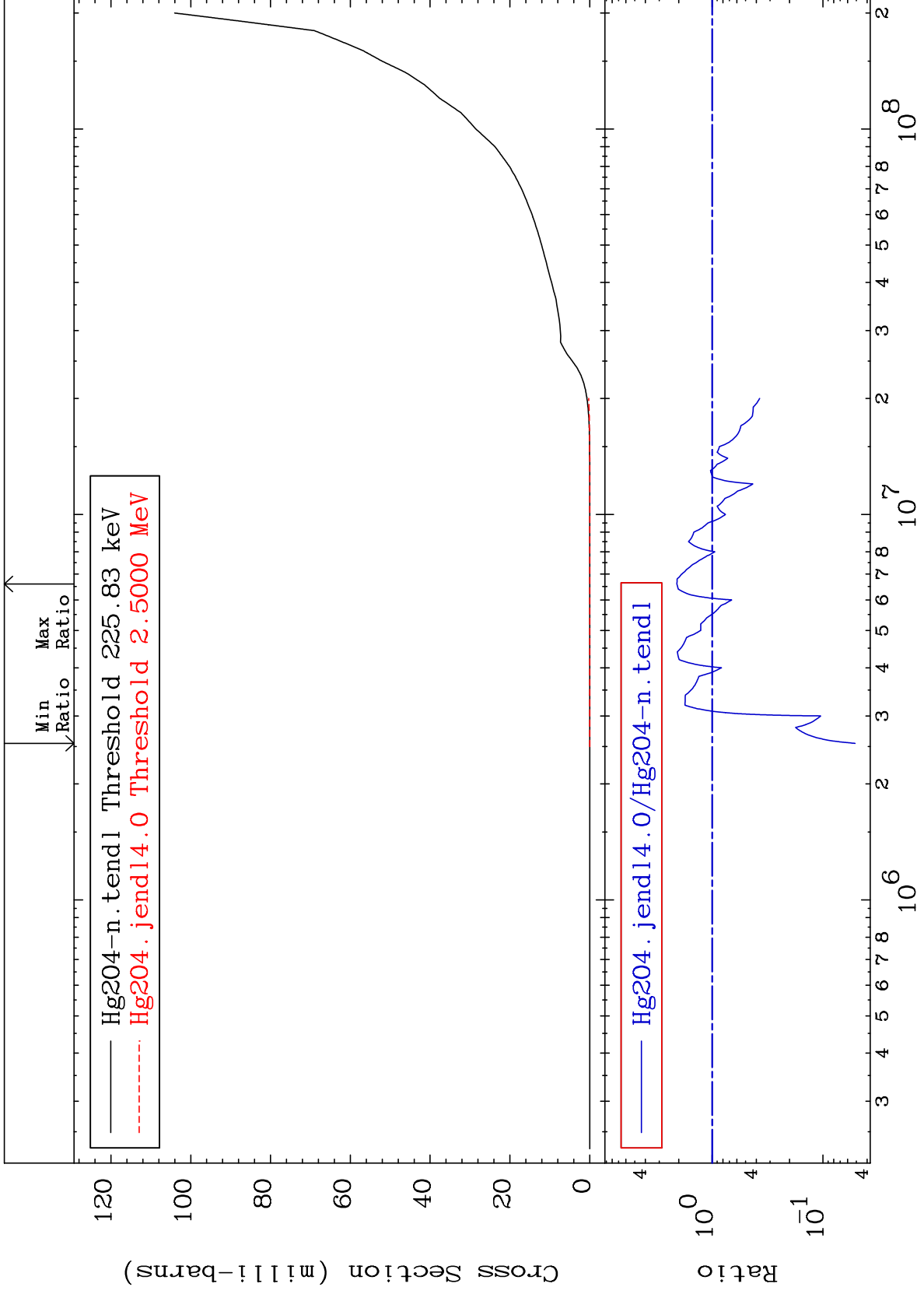




MAT 8049

He-4 Production  
Cross Section

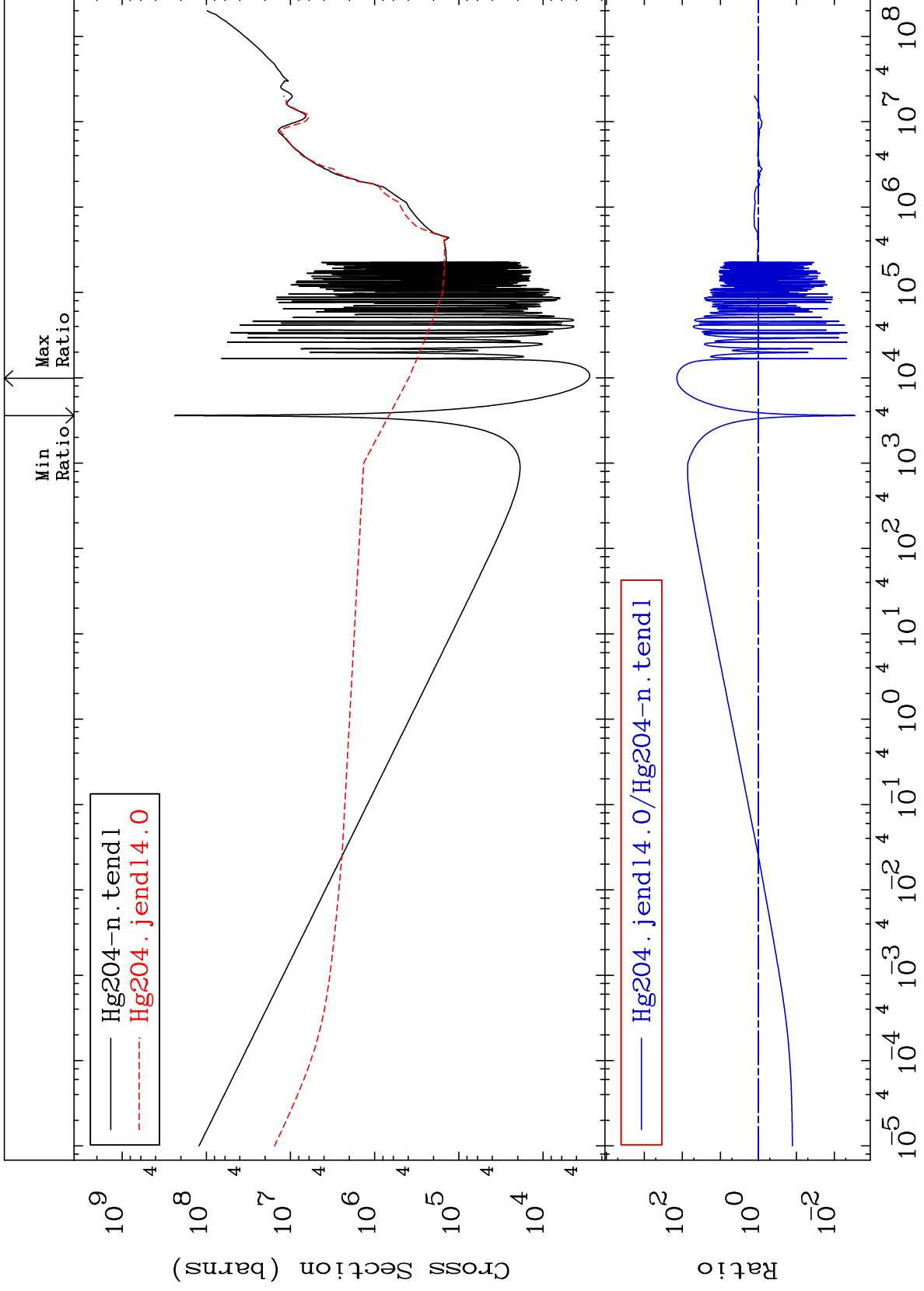
80-Hg-204  
-94.87 To 107.9 %



MAT 8049

Kerma total (eV-barns)  
Cross Section

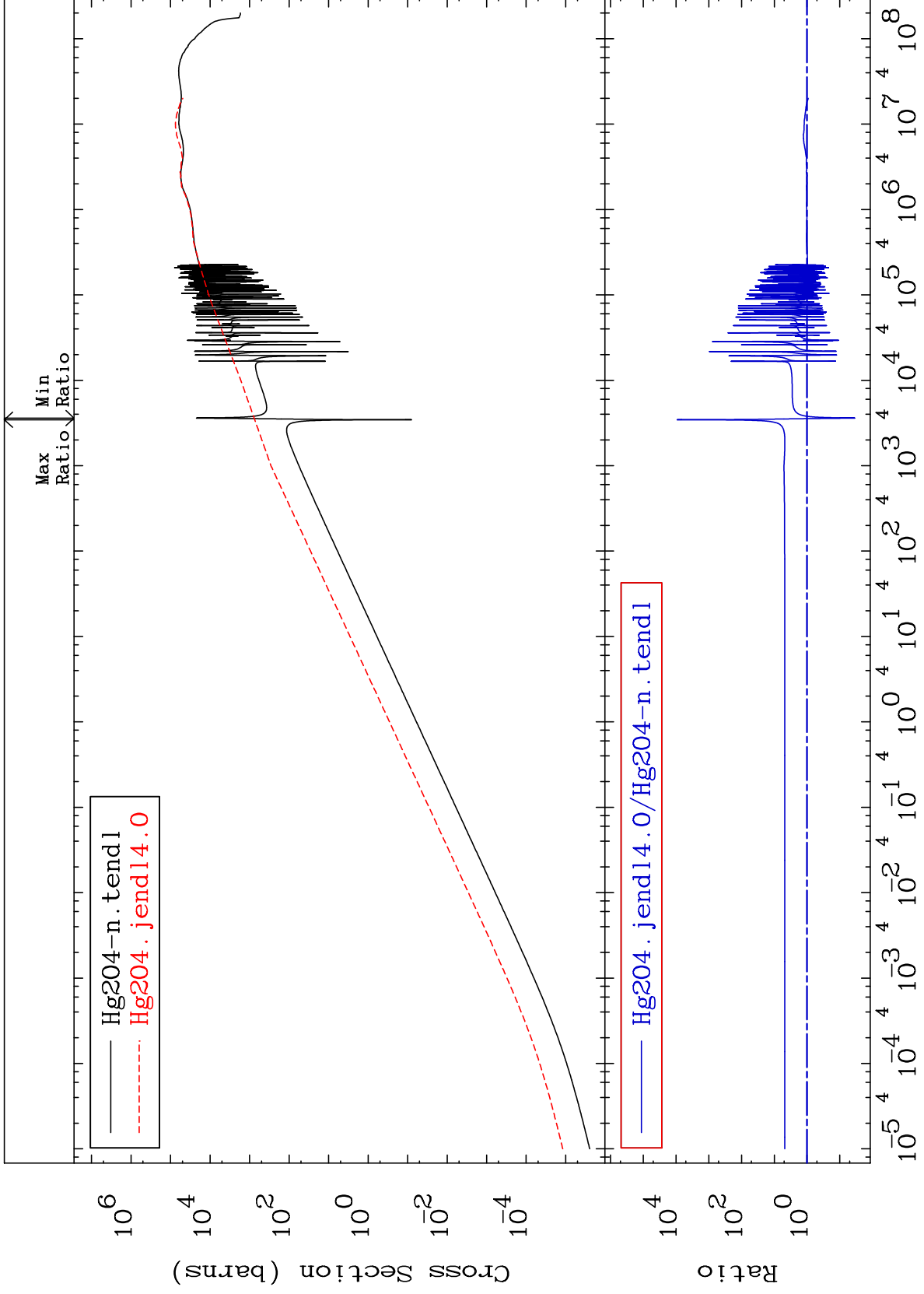
80-Hg-204  
-99.72 To 9999. %

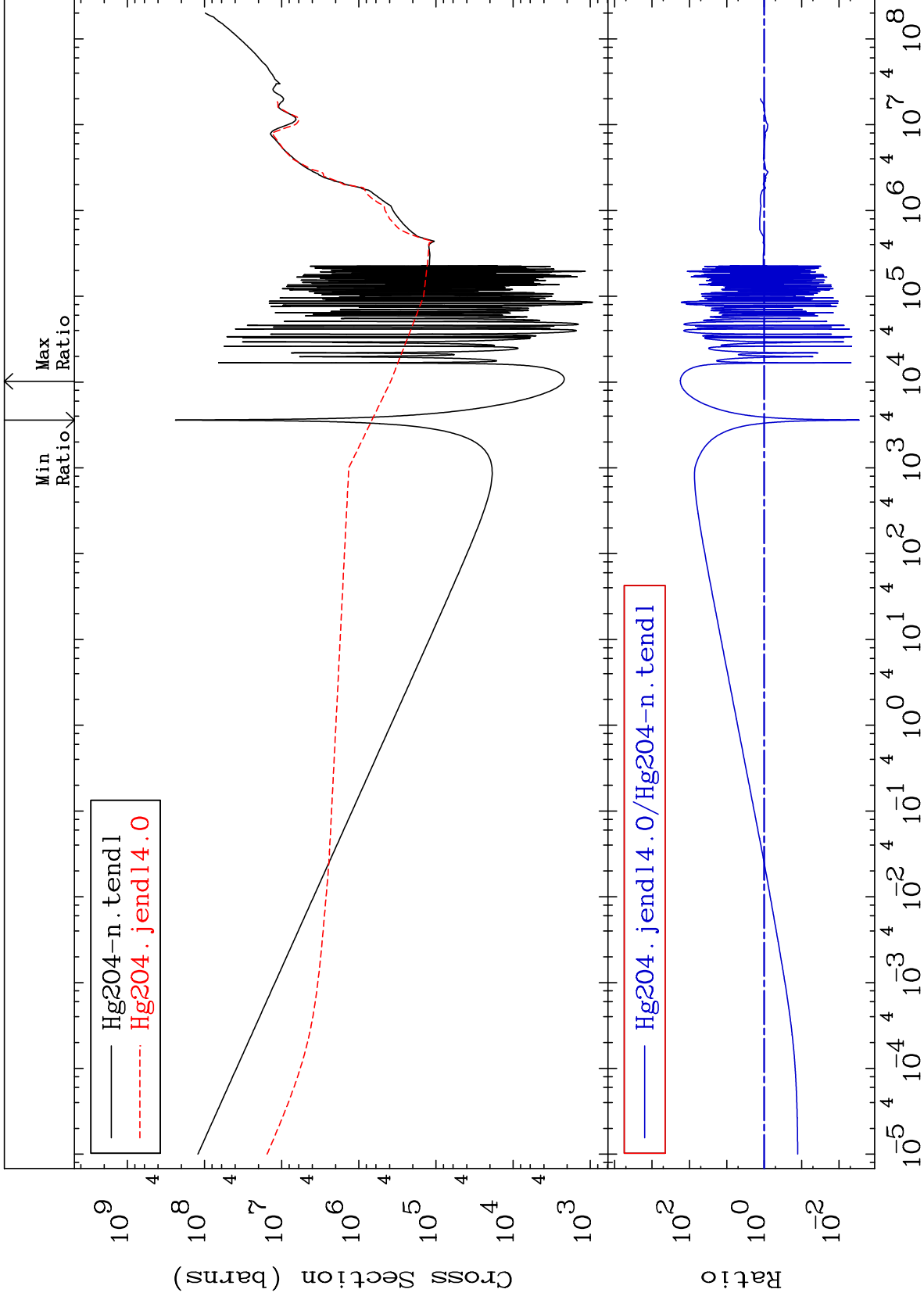


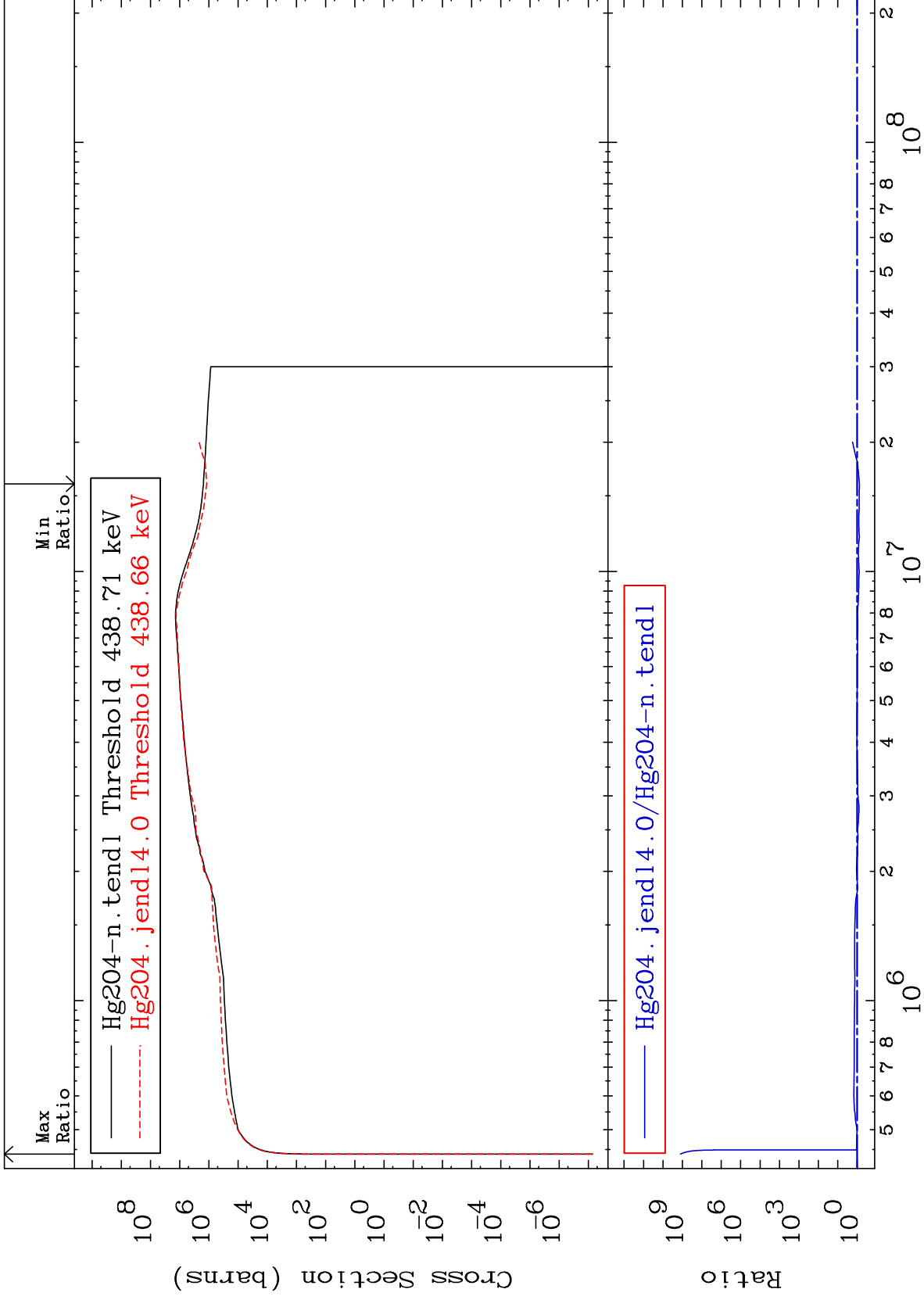
MAT 8049

Kerma elastic  
Cross Section

80-Hg-204  
-96.58 To 9999. %



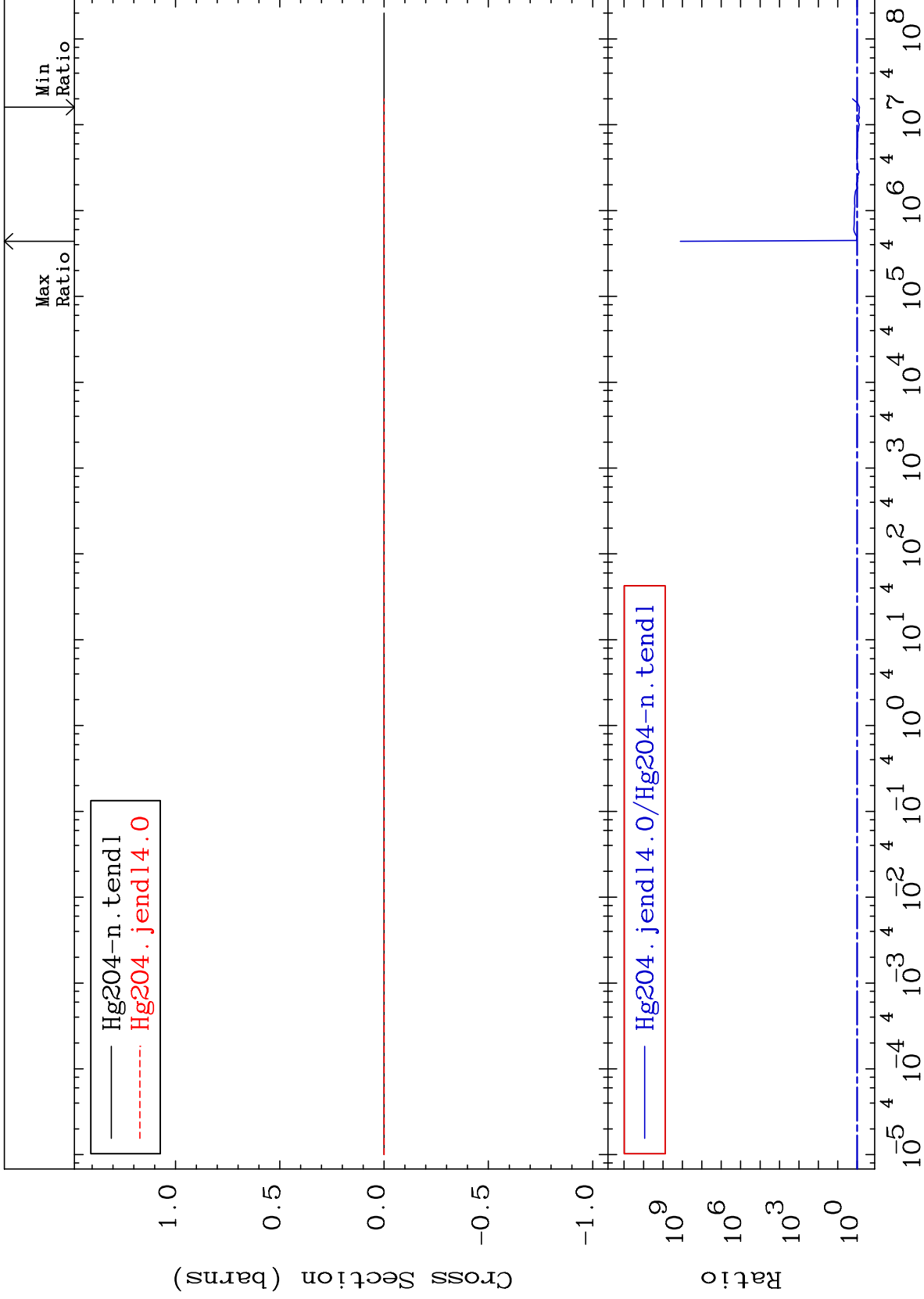




MAT 8049

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

80-Hg-204  
-22.96 To 9999. %



38

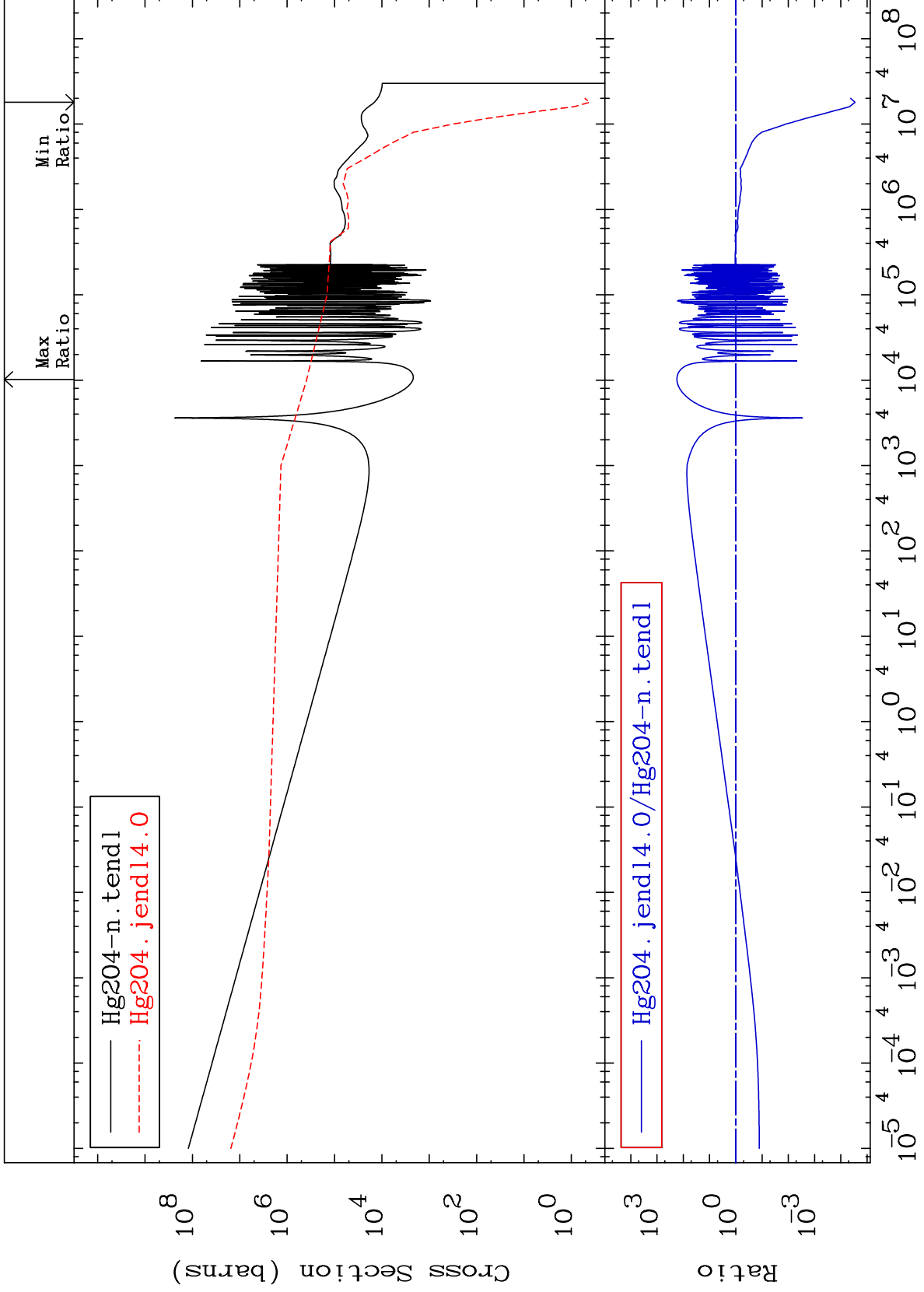
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma capture (mt102)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



39

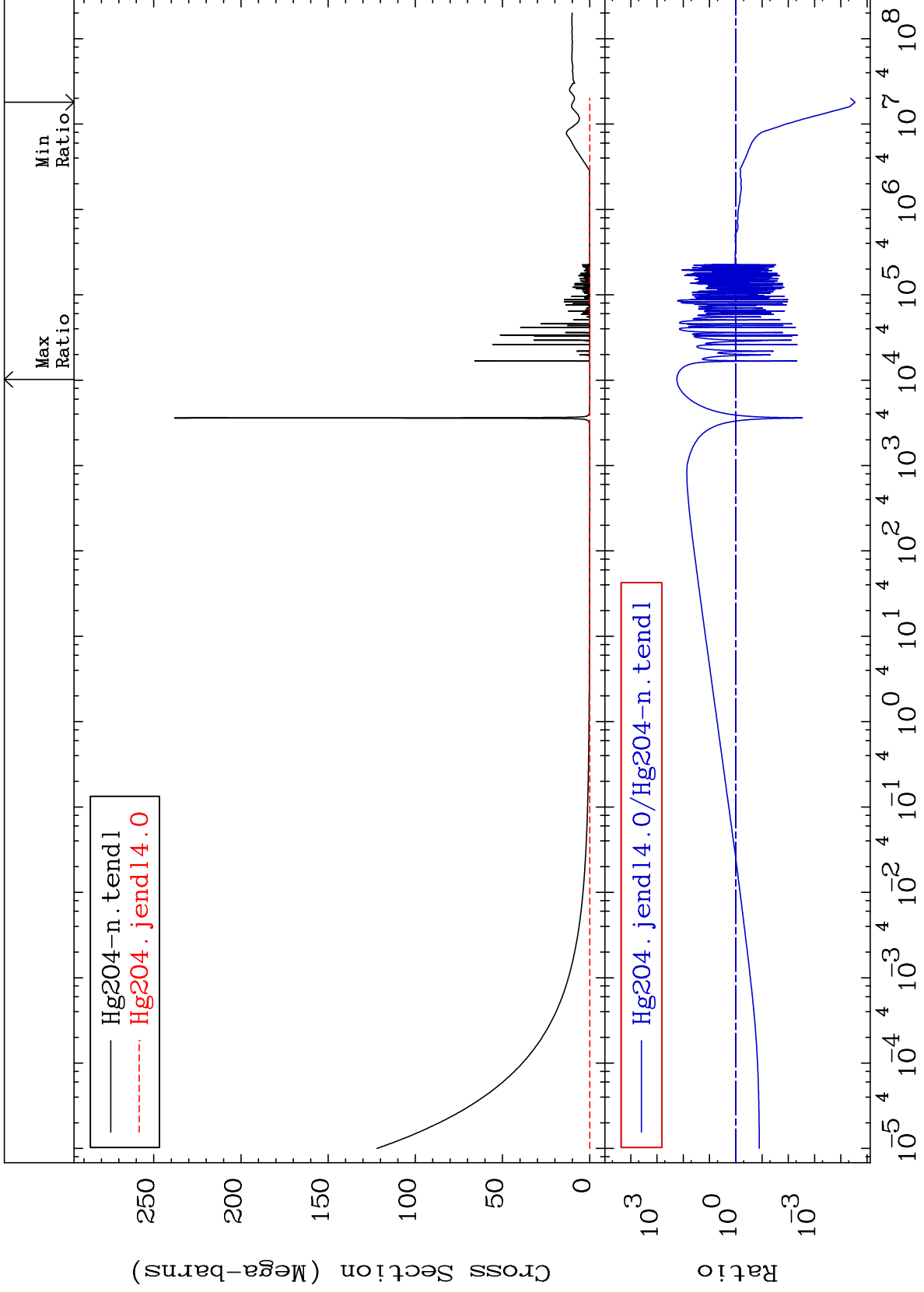
Incident Energy (eV)

80-Hg-204

MAT 8049

Total photon (eV-barns)  
Cross Section

80-Hg-204  
-100.0 To 9999. %

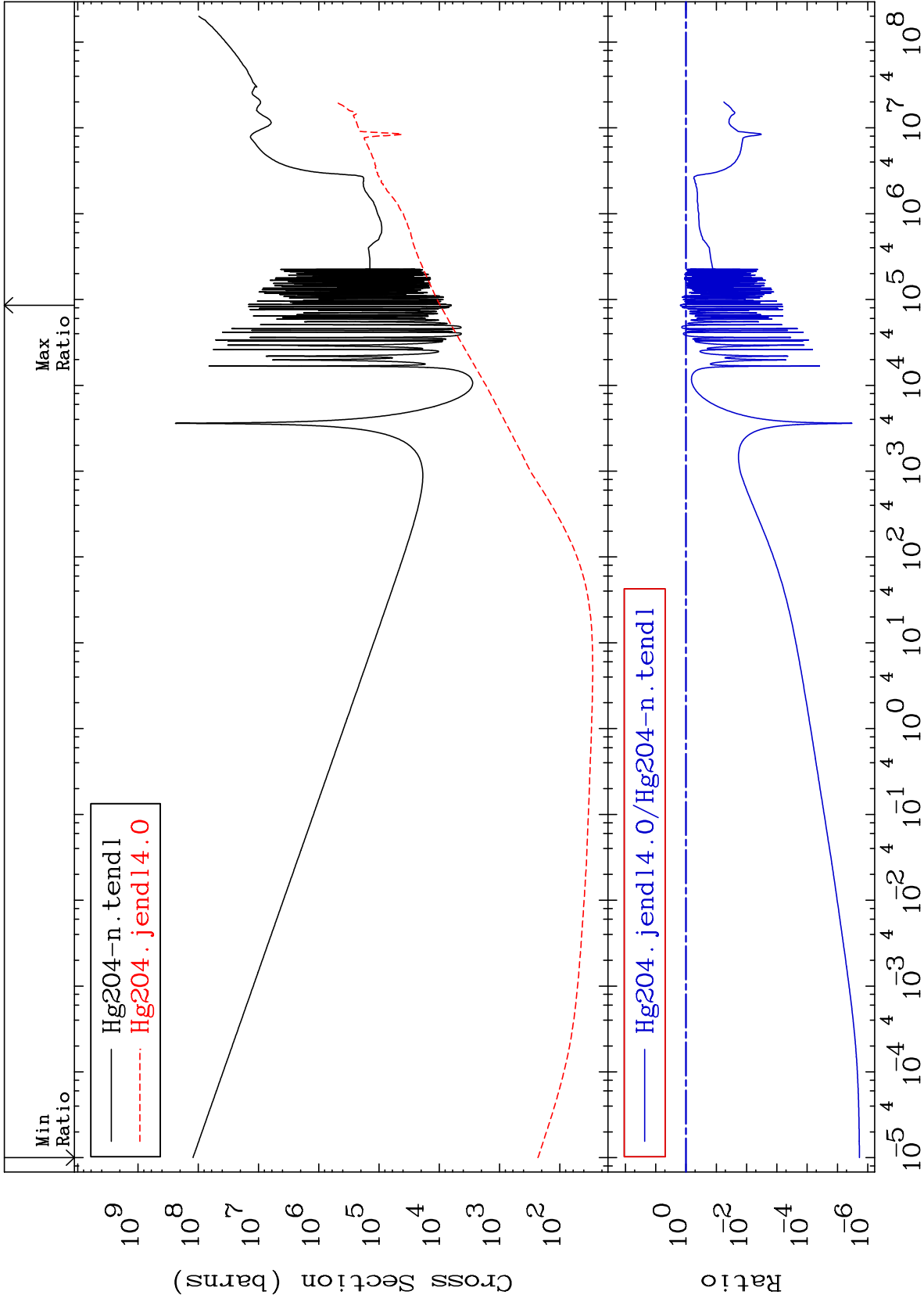


40

Incident Energy (eV)

80-Hg-204

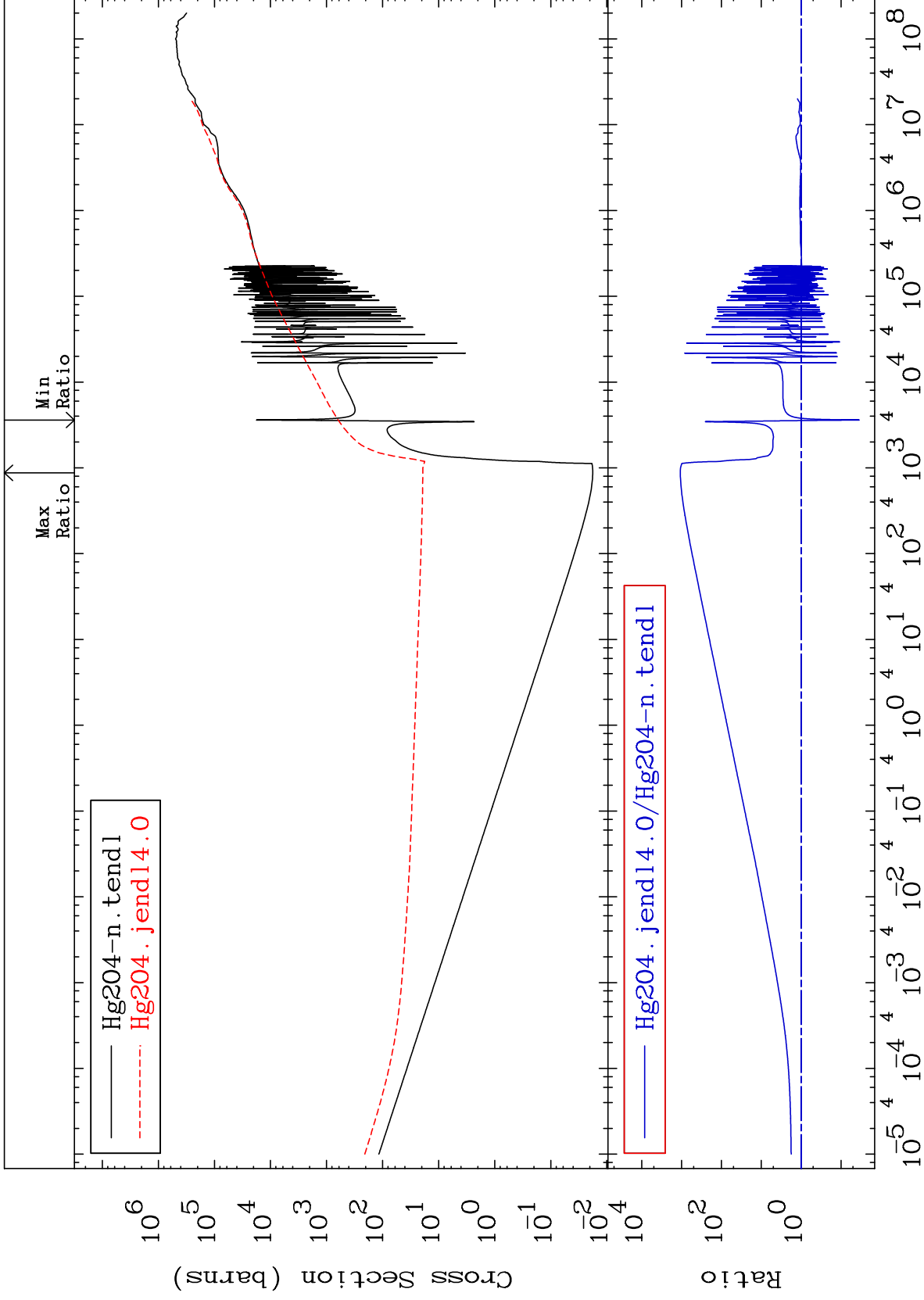


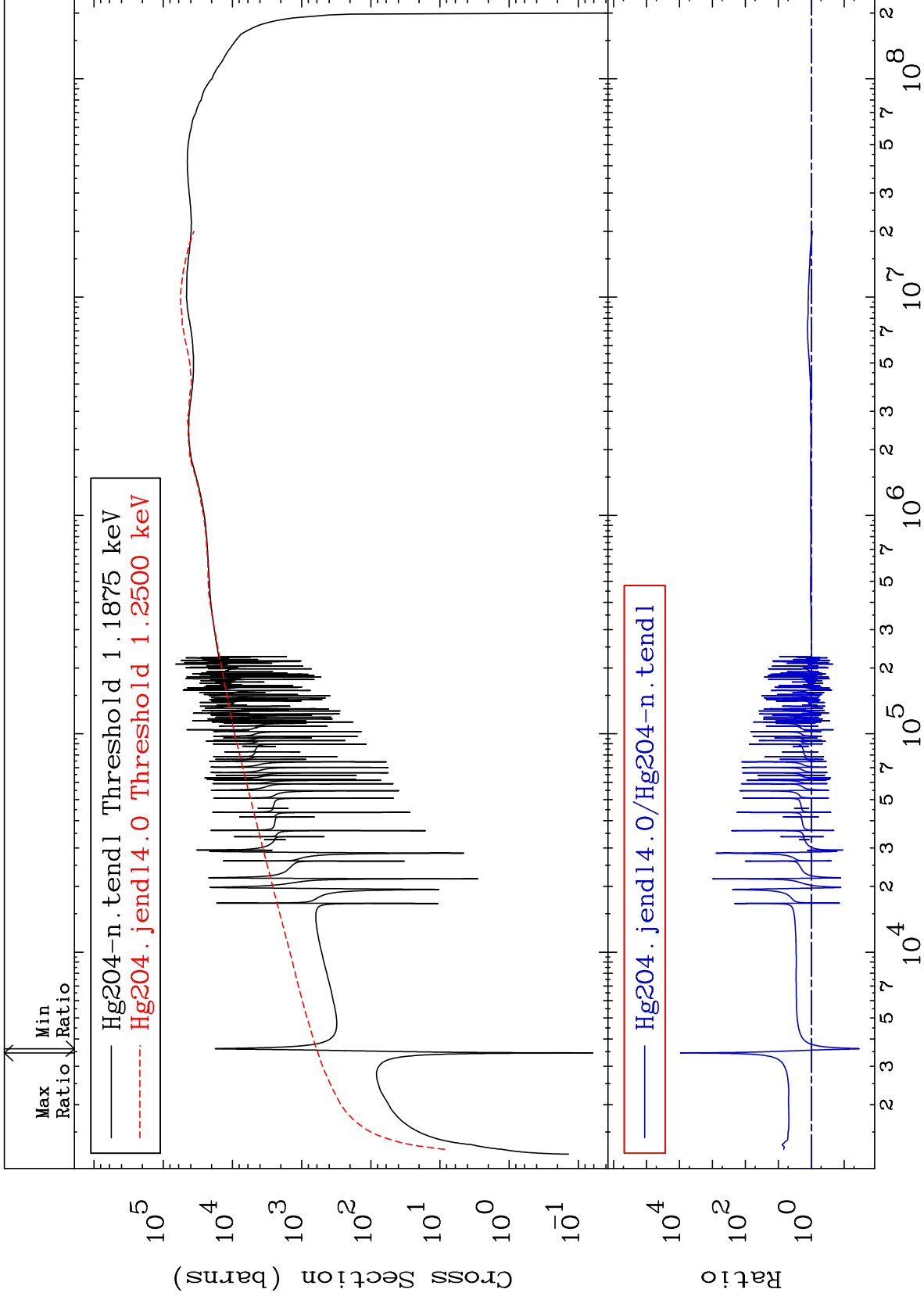


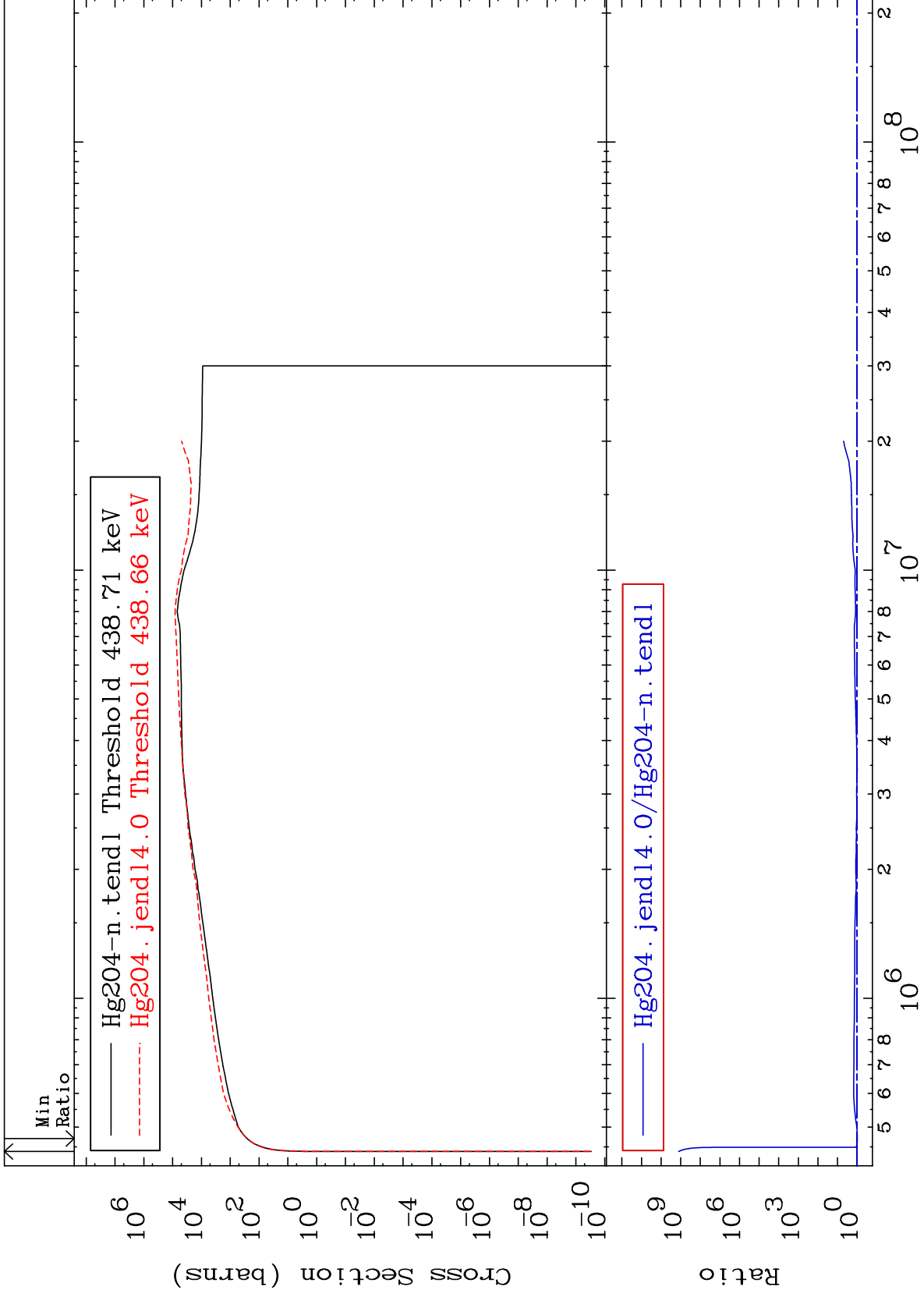
MAT 8049

Dpa total (eV-barns)  
Cross Section

80-Hg-204  
-96.55 To 9999. %







MAT 8049

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-204  
-95.18 To 9999. %

