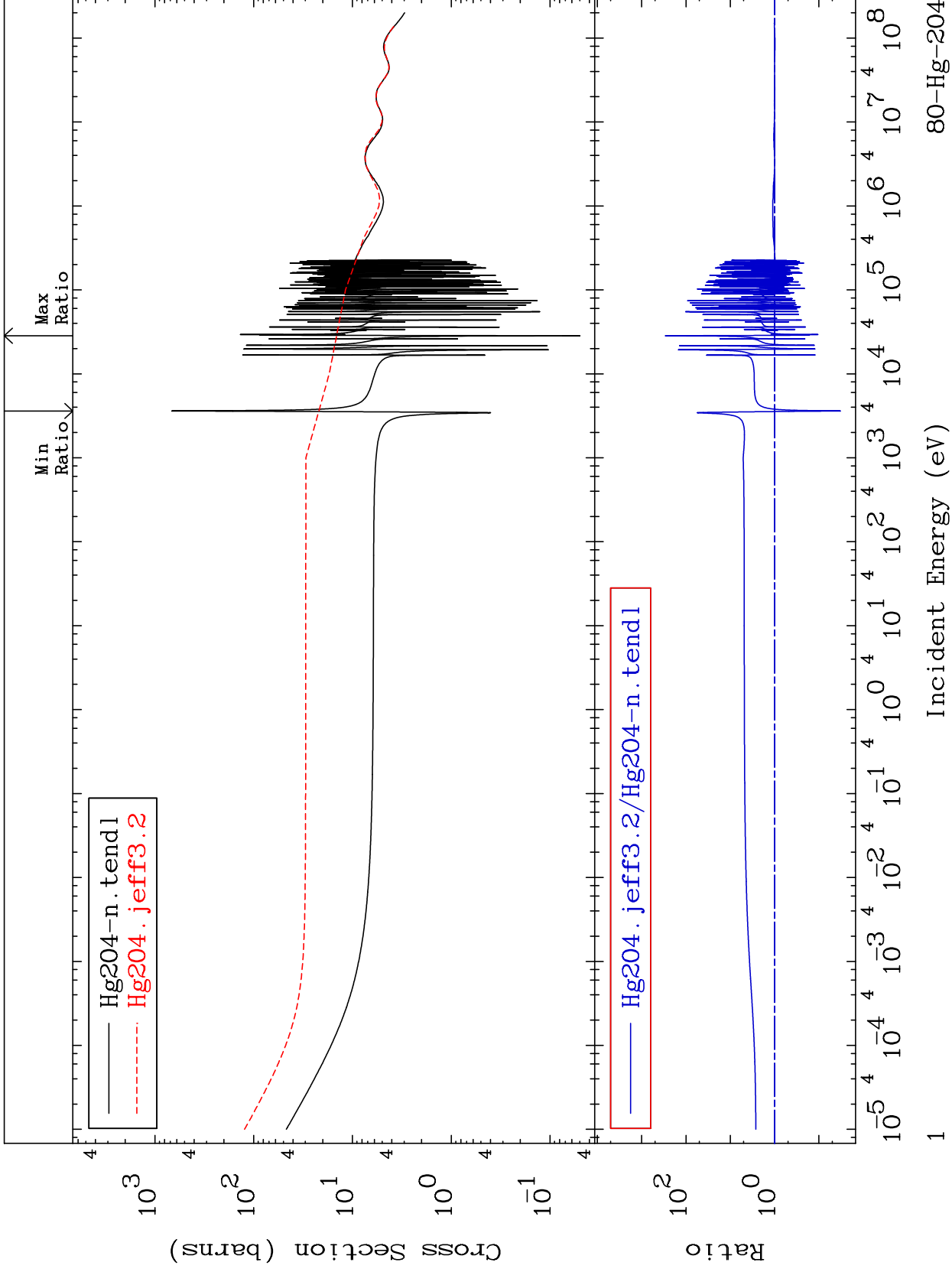


MAT 8049

Total  
Cross Section

80-Hg-204  
-96.77 To 9999. %



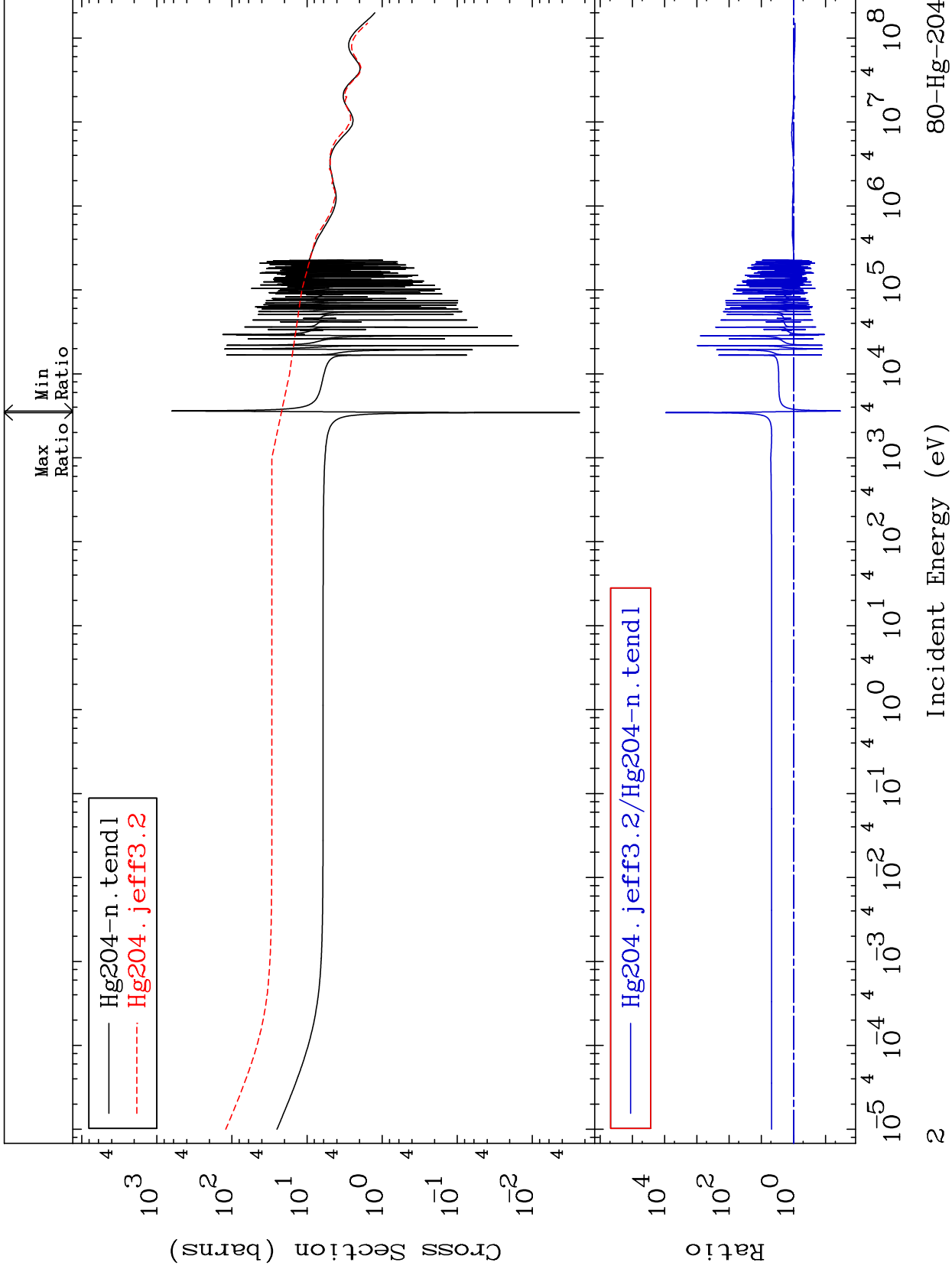
80-Hg-204

Incident Energy (eV)

MAT 8049

Elastic  
Cross Section

80-Hg-204  
-96.58 To 9999. %



80-Hg-204

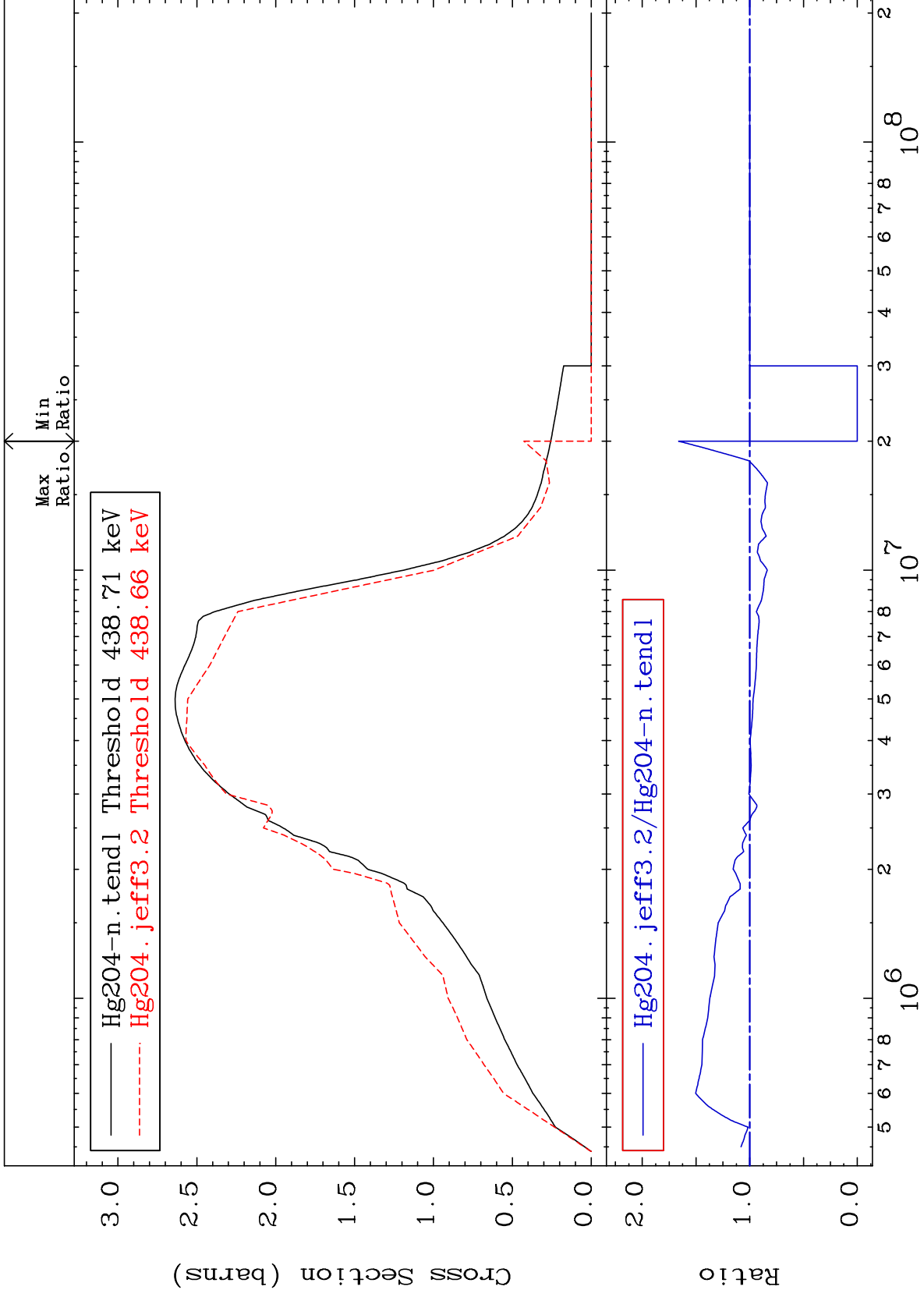
Incident Energy (eV)

2

MAT 8049

Inelastic  
Cross Section

80-Hg-204  
-100.0 To 66.18 %



3

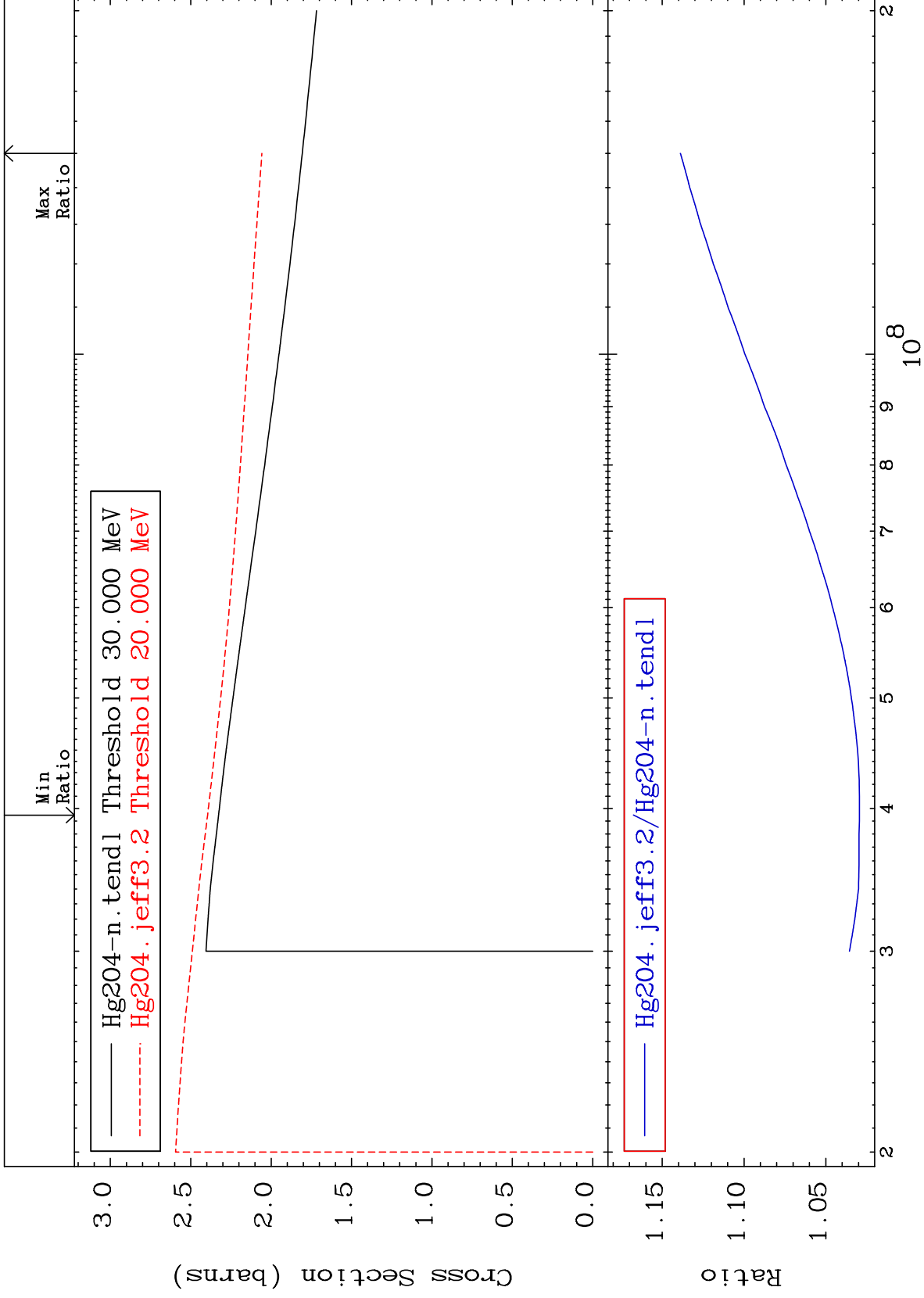
Incident Energy (eV)

80-Hg-204

MAT 8049

(n, remainder)  
Cross Section

80-Hg-204  
2.943 To 13.89 %



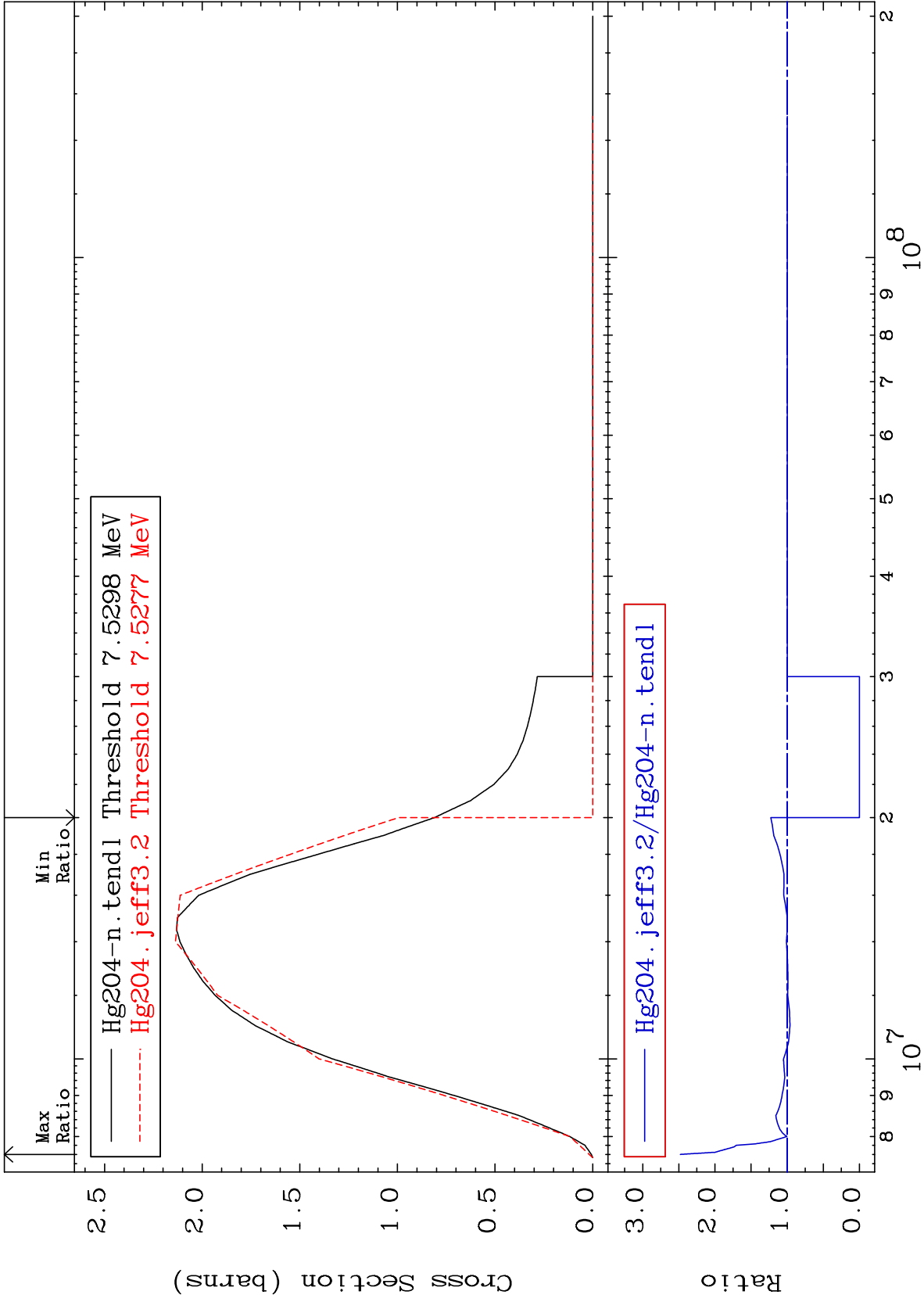
MAT 8049

(n,2n)

80-Hg-204

Cross Section

-100.0 To 147.9 %



5

Incident Energy (eV)

80-Hg-204

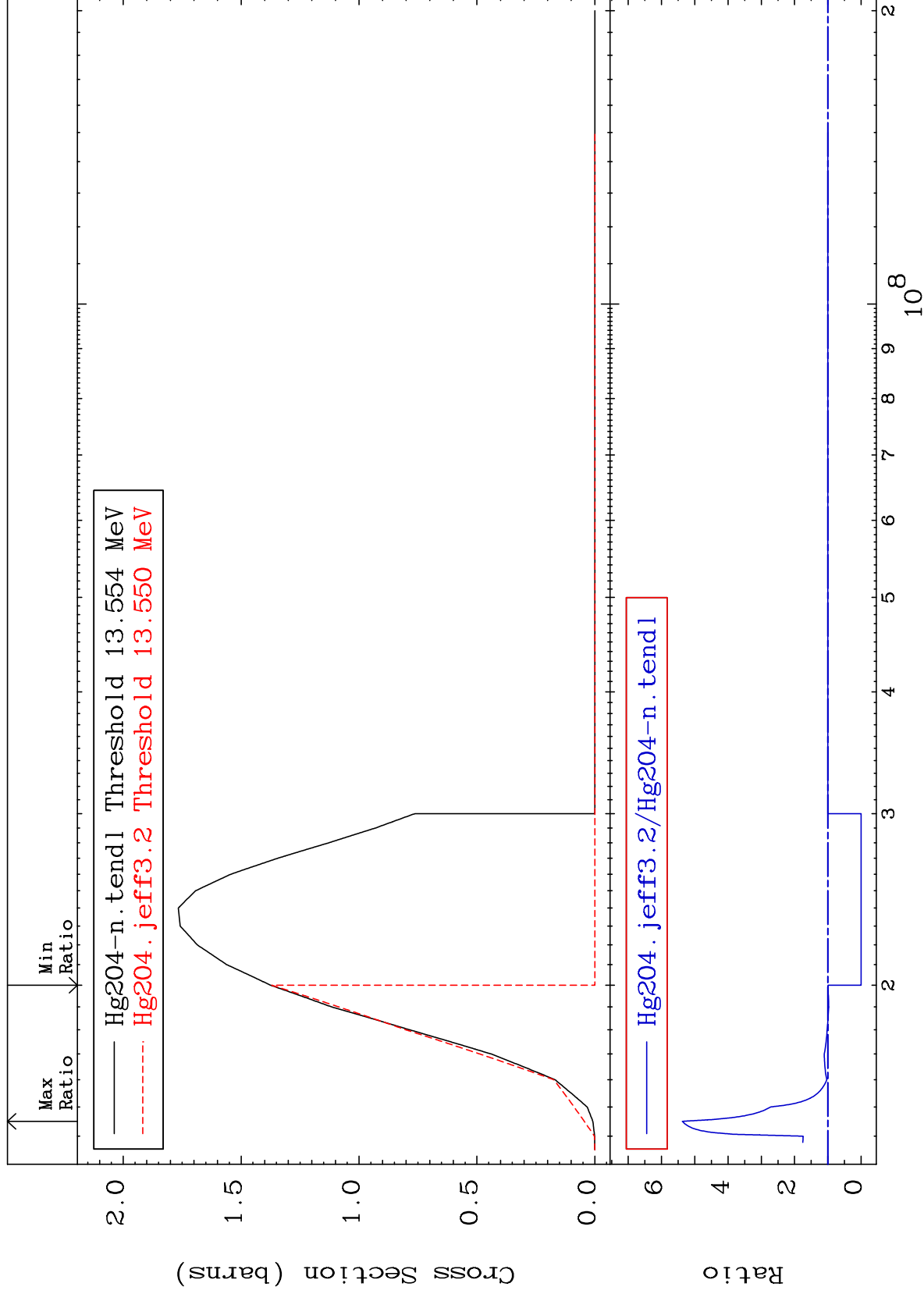
MAT 8049

(n,3n)

80-Hg-204

Cross Section

-100.0 To 437.4 %



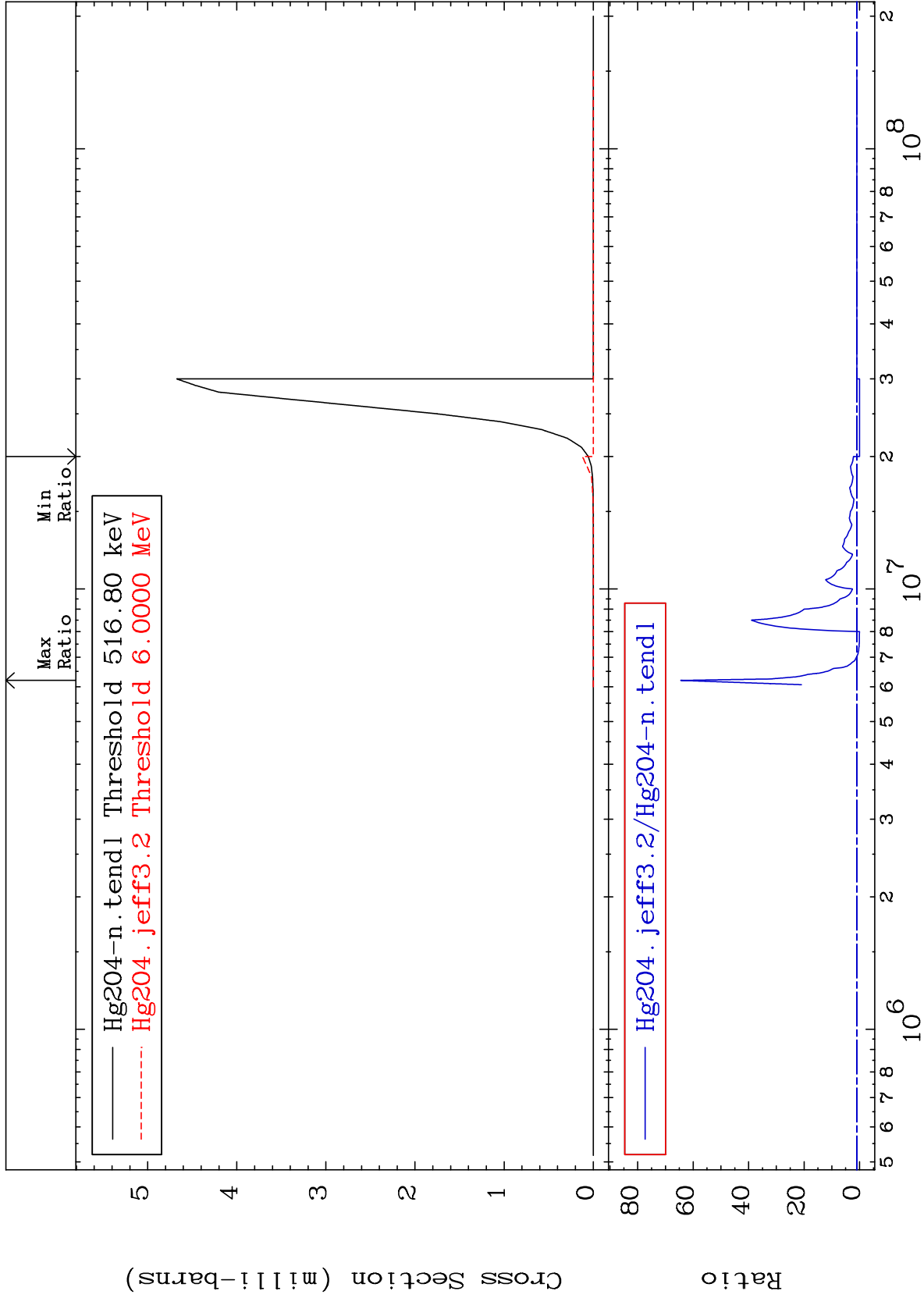
6

Incident Energy (eV)

80-Hg-204

MAT 8049

(n, n')  $\alpha$   
Cross Section  
80-Hg-204  
-100.0 To 6347. %



7

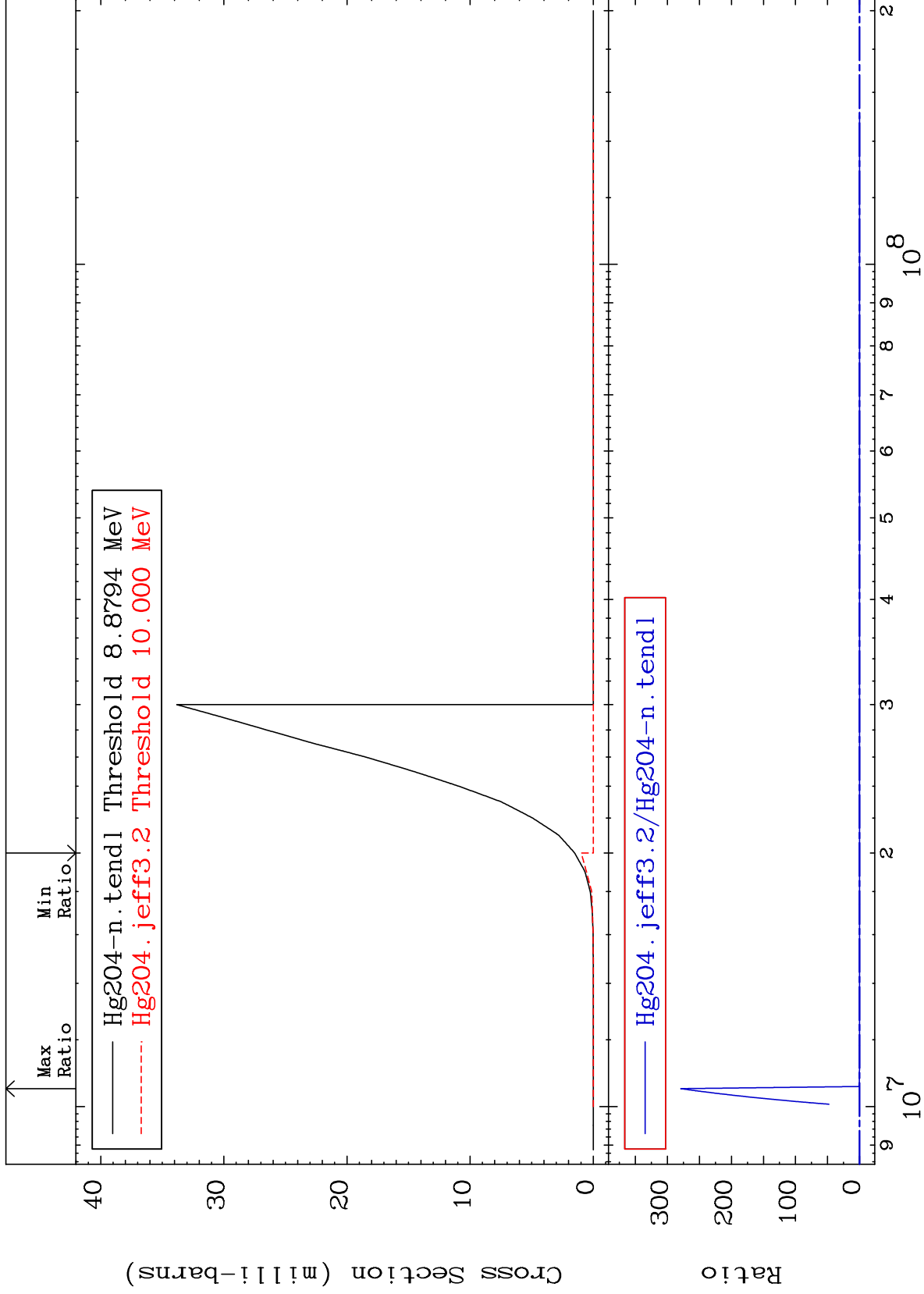
80-Hg-204

80-Hg-204

MAT 8049

(n, n') p  
Cross Section

80-Hg-204  
-100.0 To 9999. %



80-Hg-204

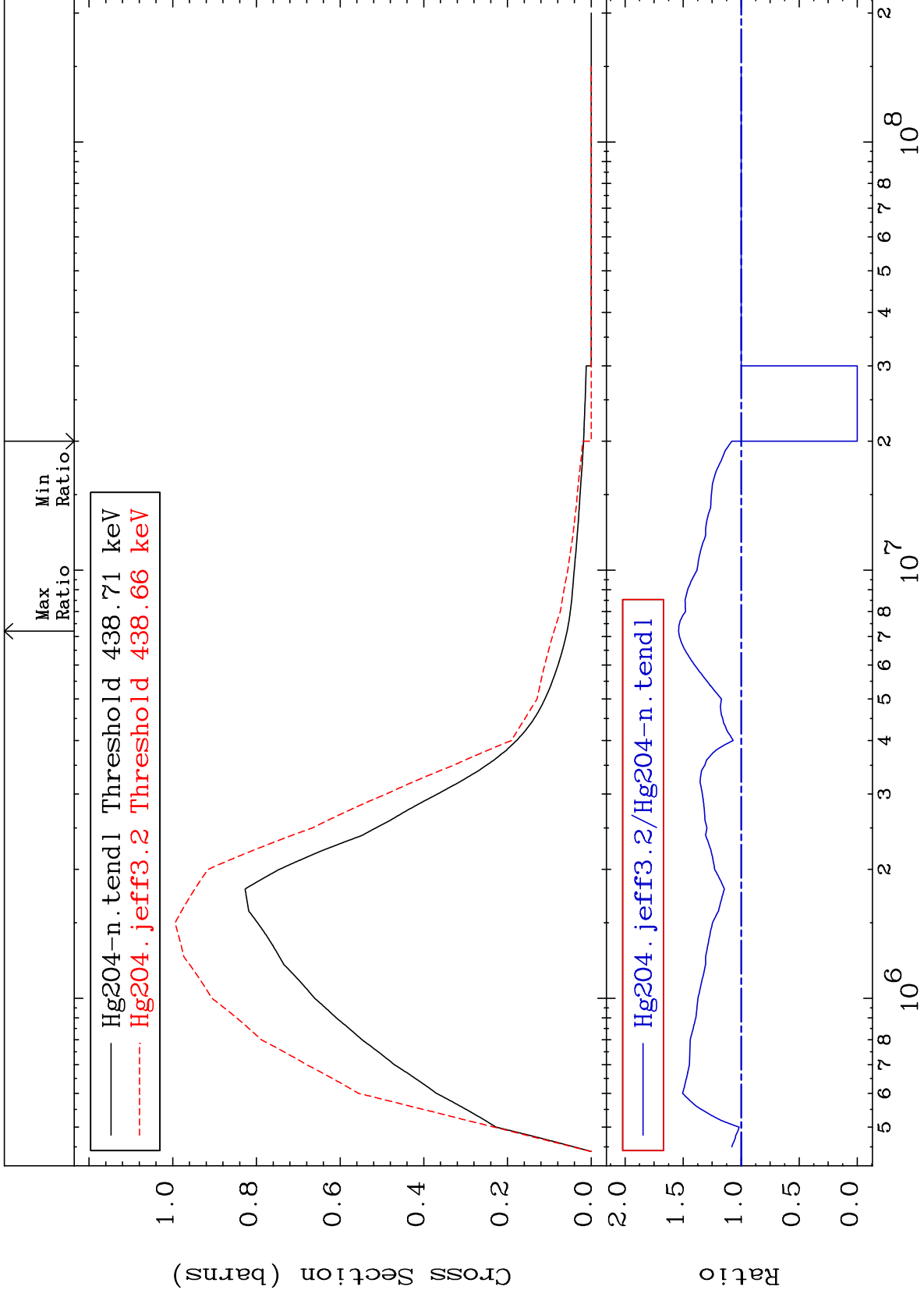
80-Hg-204



MAT 8049

436.6 keV (n,n') Level  
Cross Section

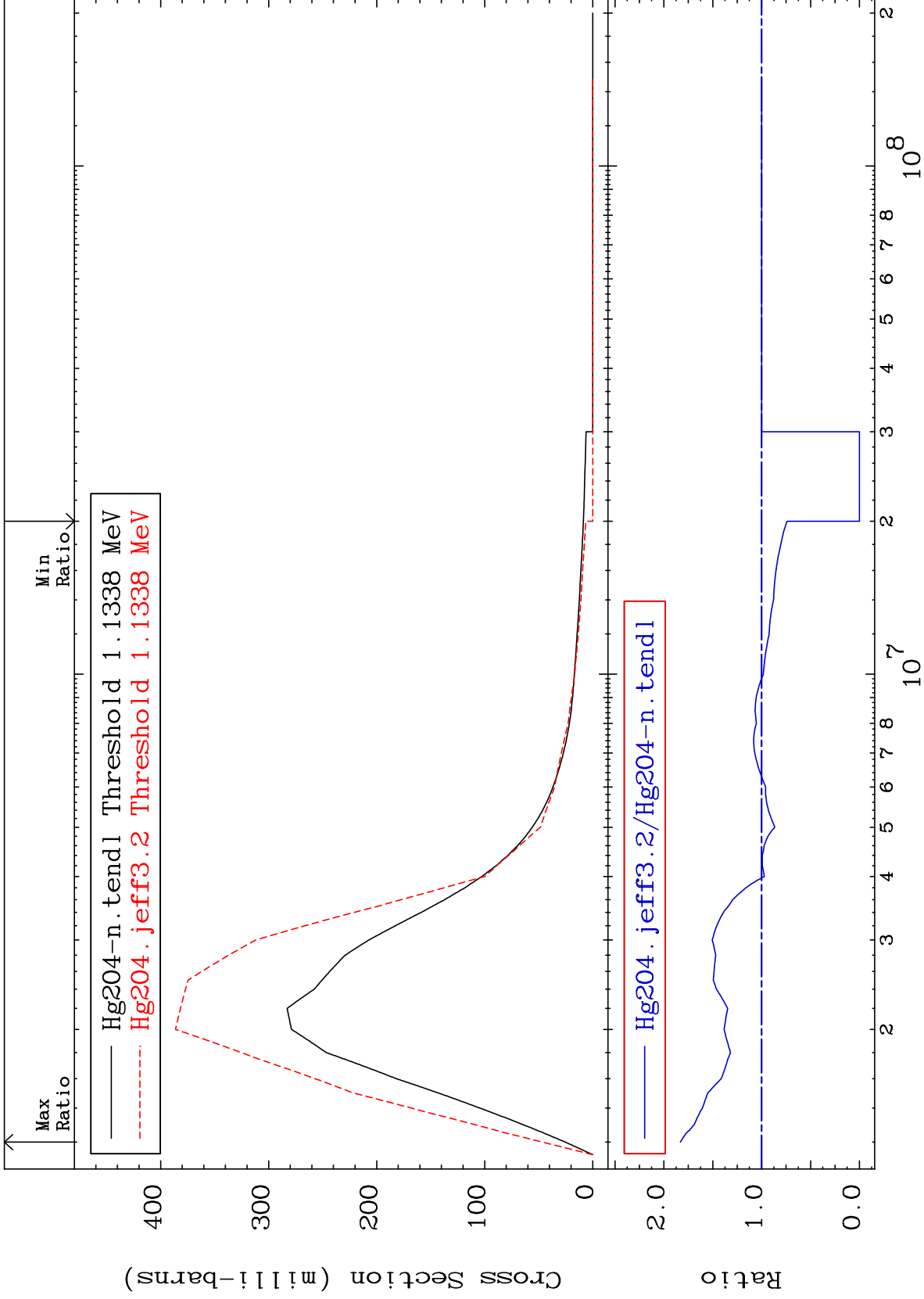
80-Hg-204  
-100.0 To 53.86 %



MAT 8049

1.128 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 83.13 %



10

Incident Energy (eV)

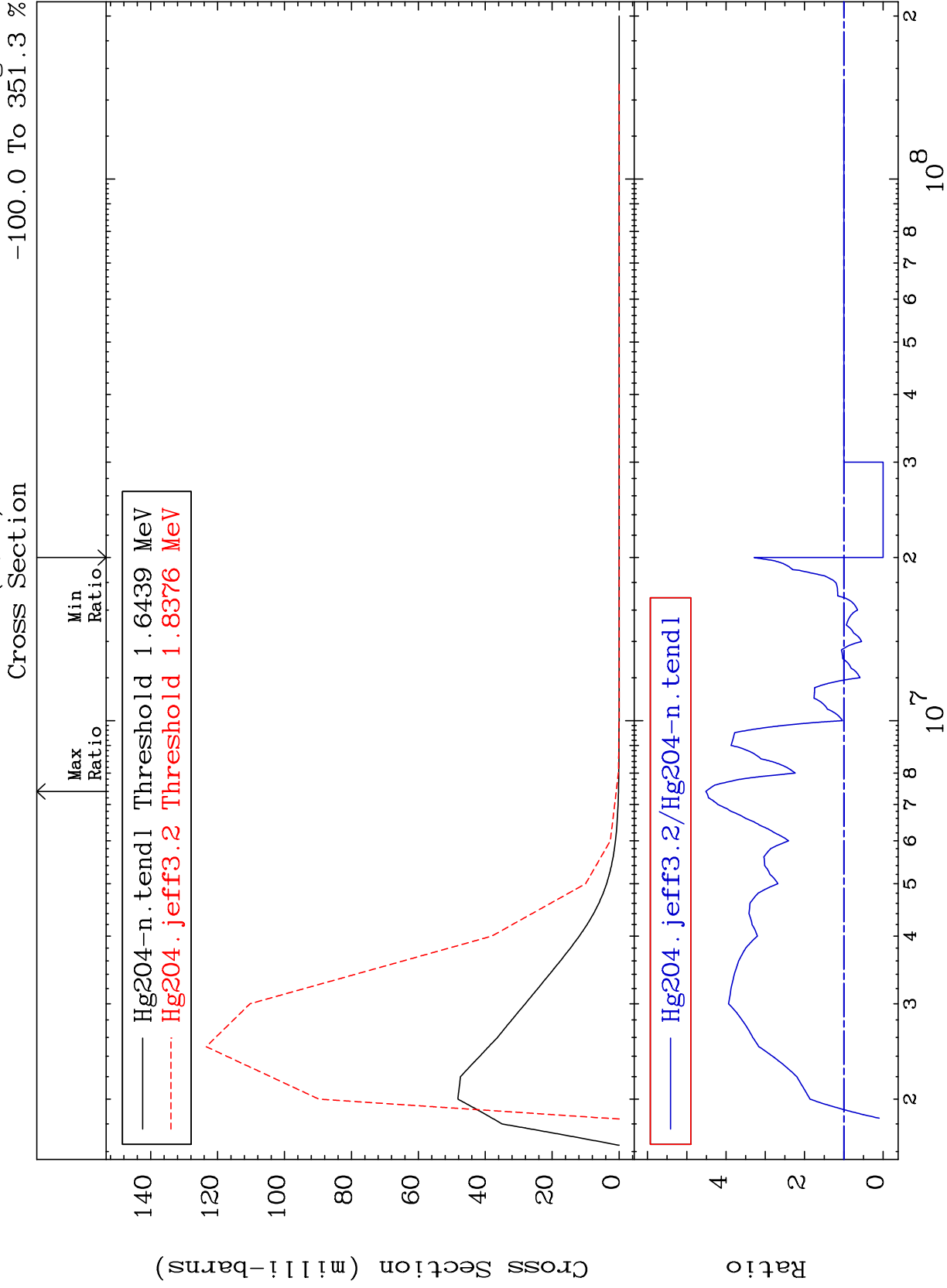
80-Hg-204

MAT 8049

1.636 MeV (n,n') Level

80-Hg-204

-100.0 To 351.3 %



11

Incident Energy (eV)

80-Hg-204

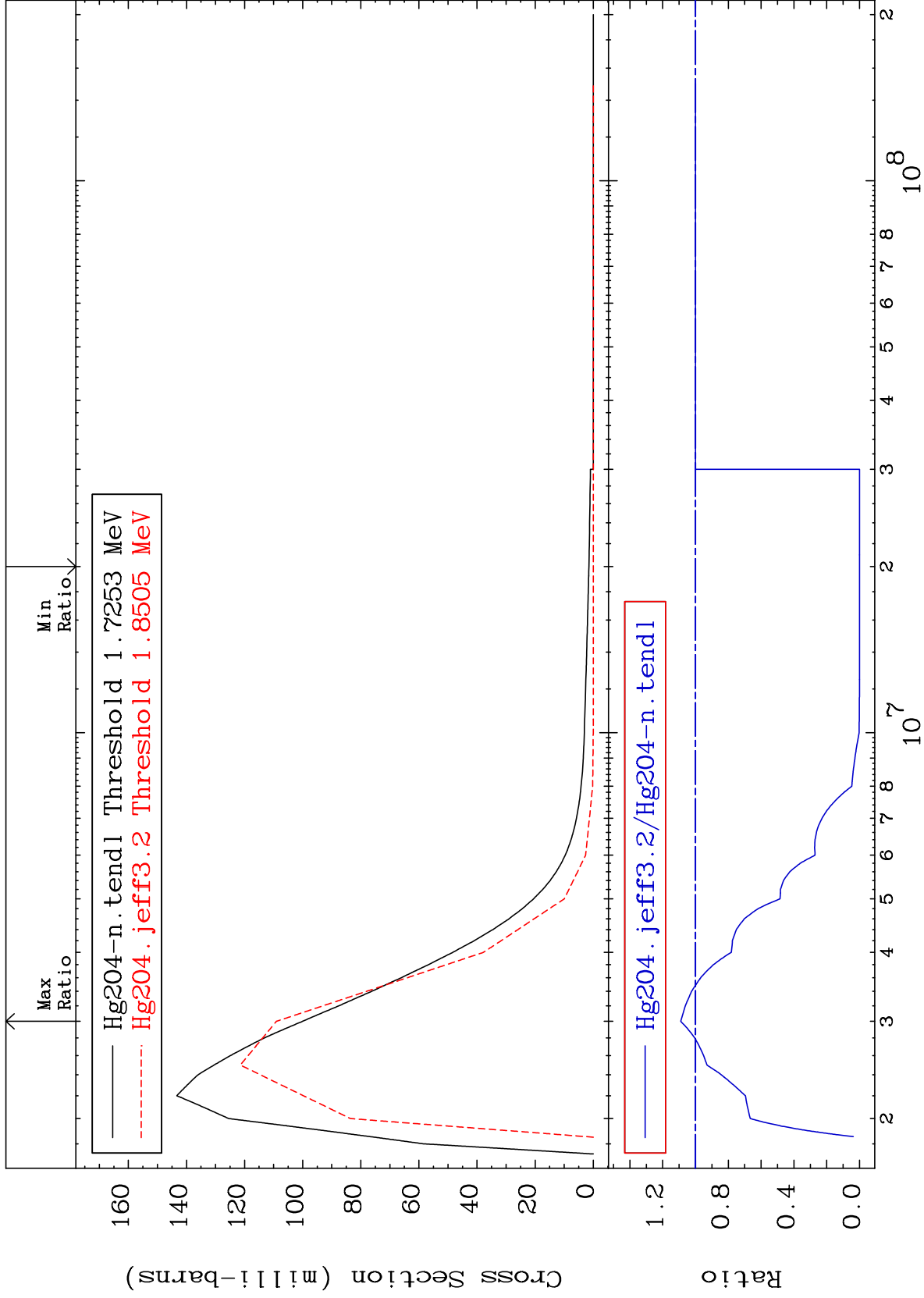
MAT 8049

1.717 MeV (n,n') Level

80-Hg-204

-100.0 To 8.985 %

Cross Section



12

Incident Energy (eV)

80-Hg-204

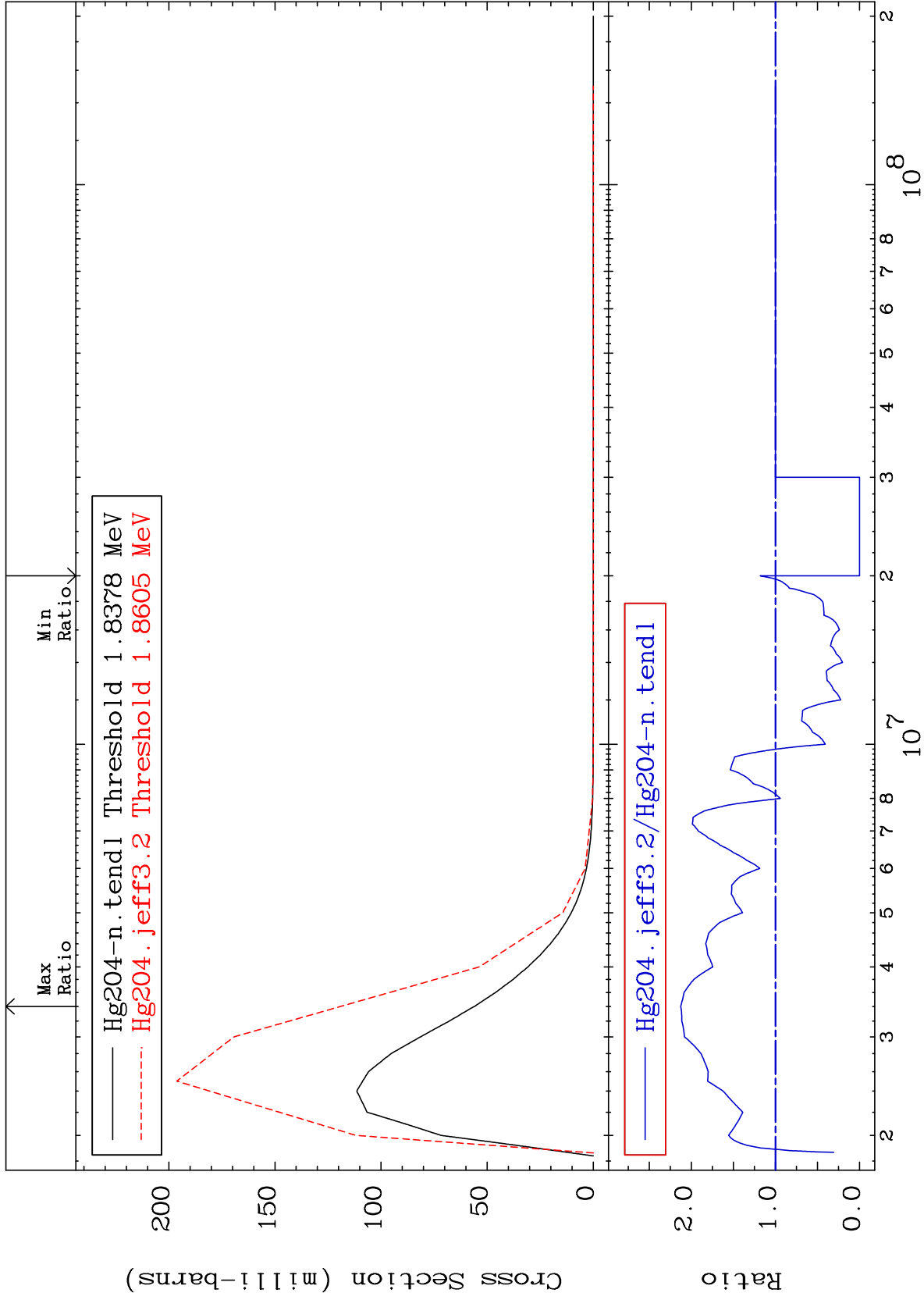
MAT 8049

1.829 MeV (n,n') Level

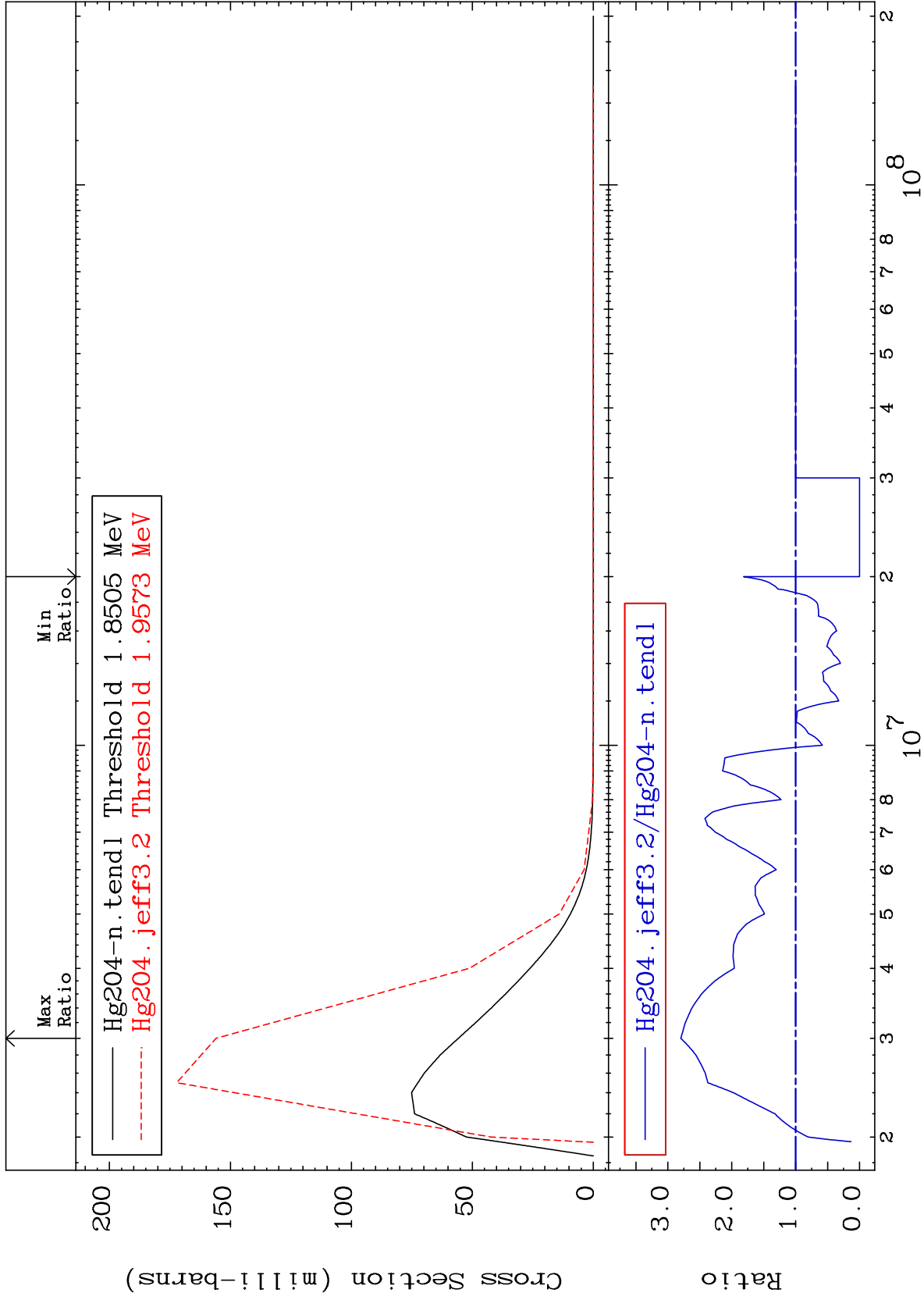
80-Hg-204

-100.0 To 112.5 %

Cross Section



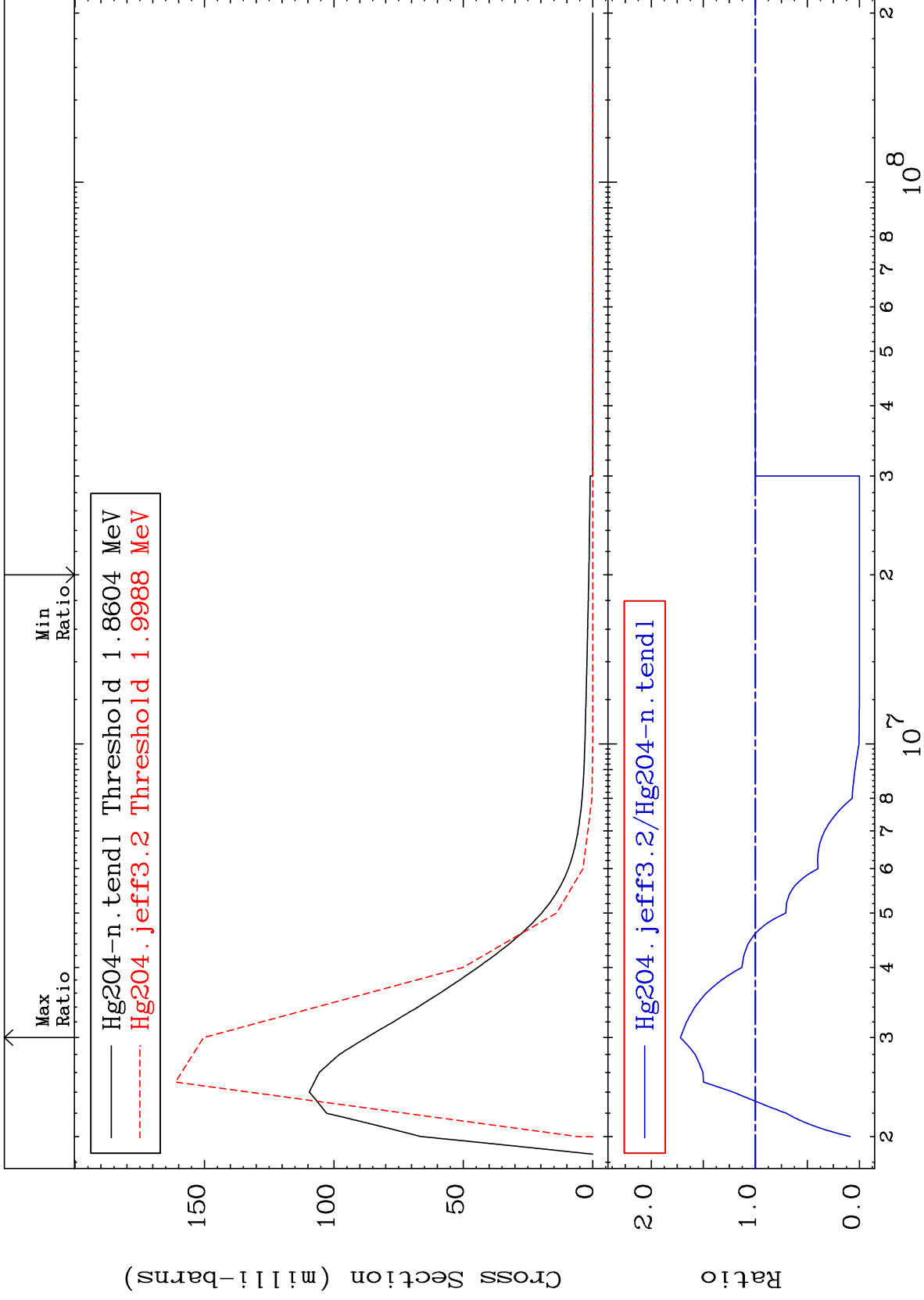
MAT 8049      1.841 MeV (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 179.8 %



MAT 8049

1.851 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 72.04 %



15

Incident Energy (eV)

80-Hg-204

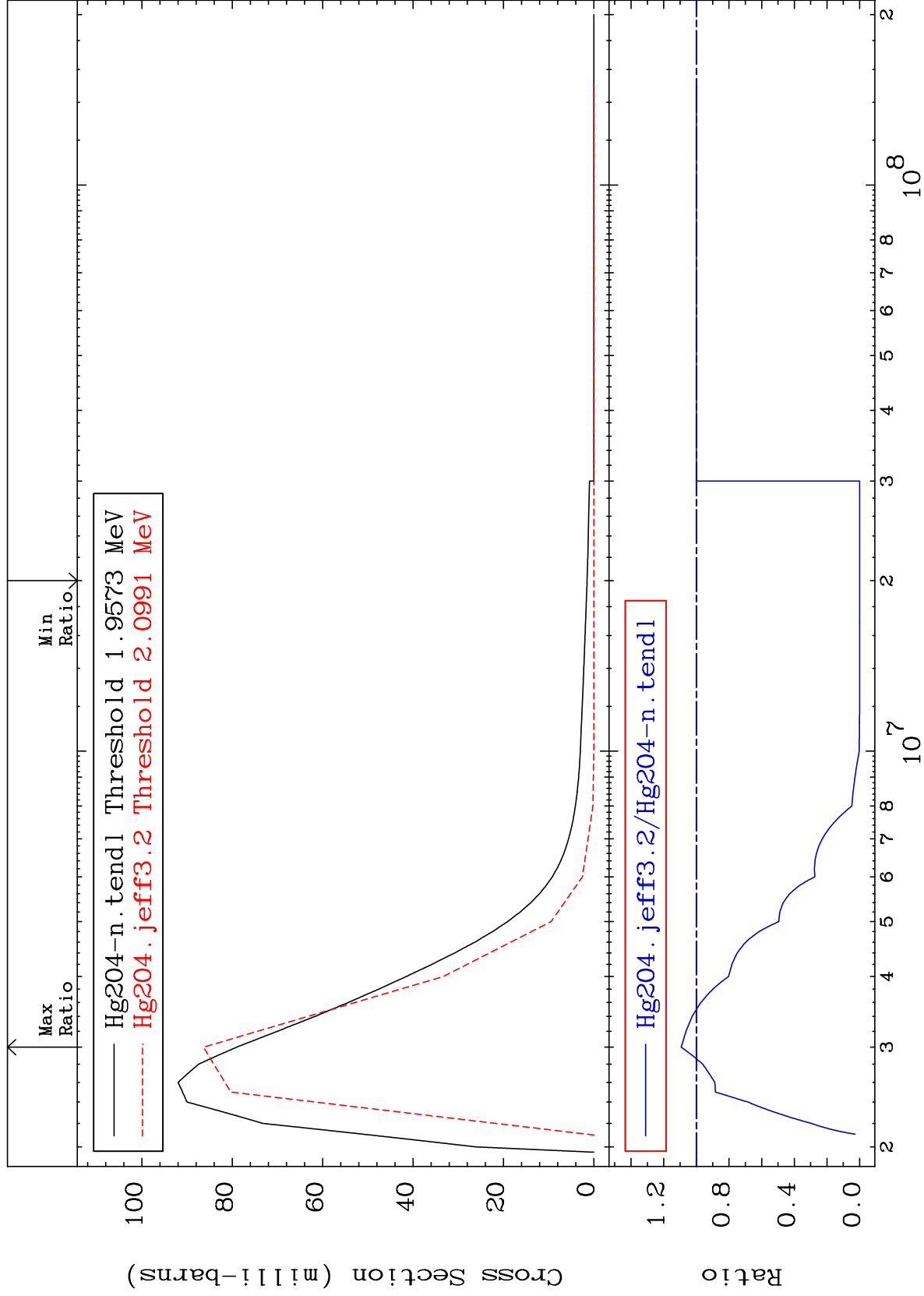
MAT 8049

1.948 MeV (n,n') Level

80-Hg-204

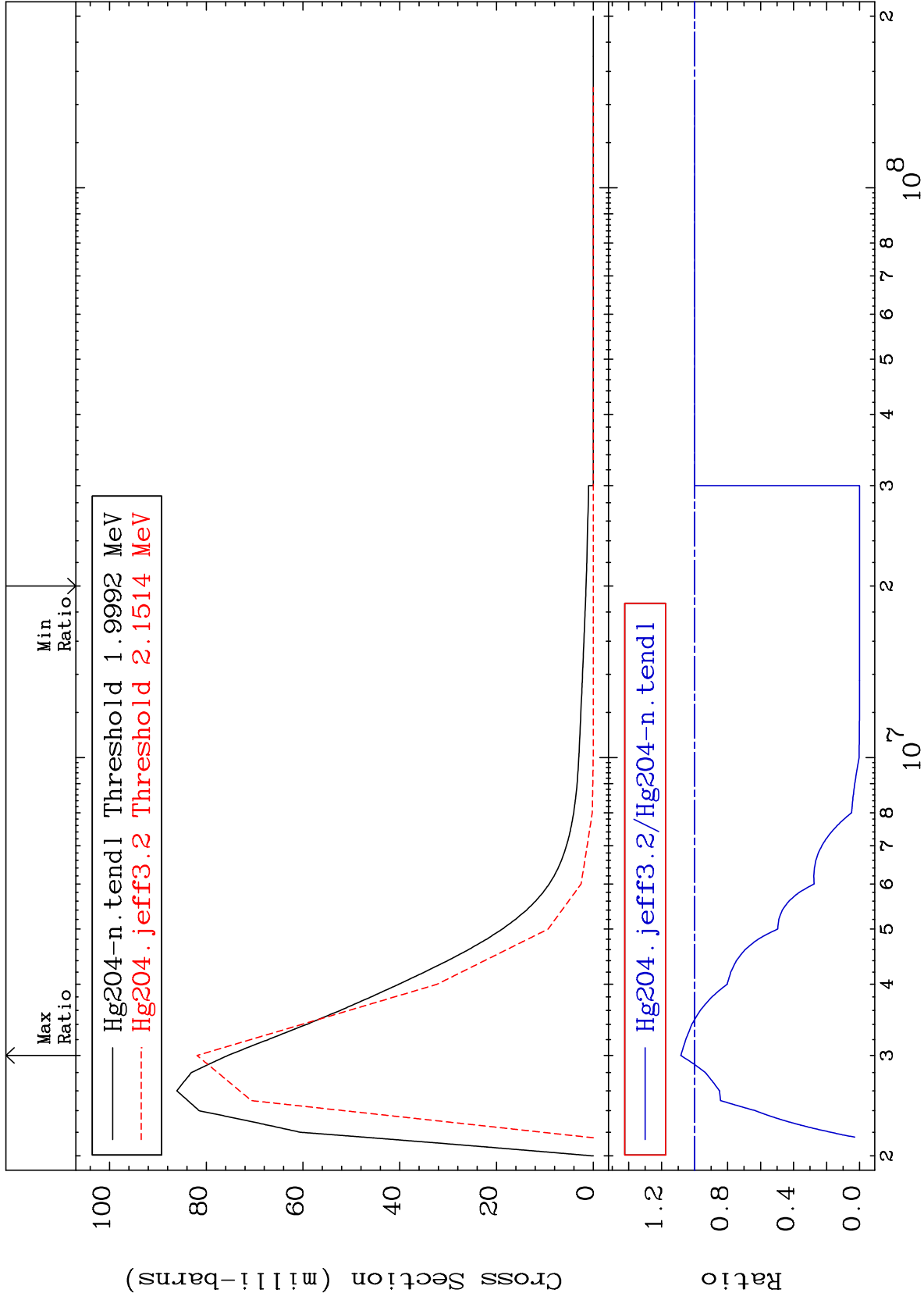
-100.0 To 9.297 %

Cross Section





MAT 8049      1.989 MeV (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 8.409 %

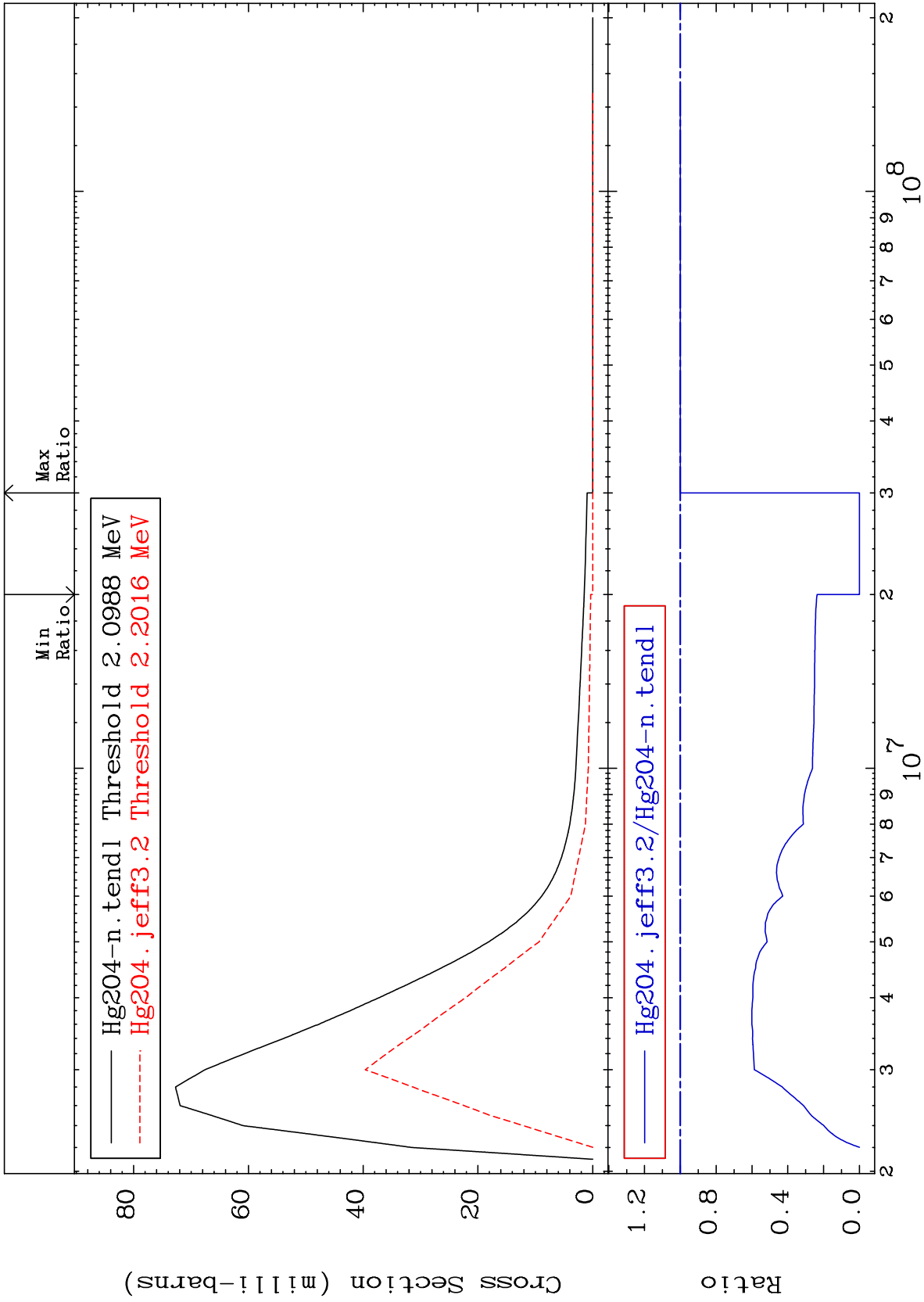


17      Incident Energy (eV)      80-Hg-204

MAT 8049

2.089 MeV (n,n') Level  
Cross Section

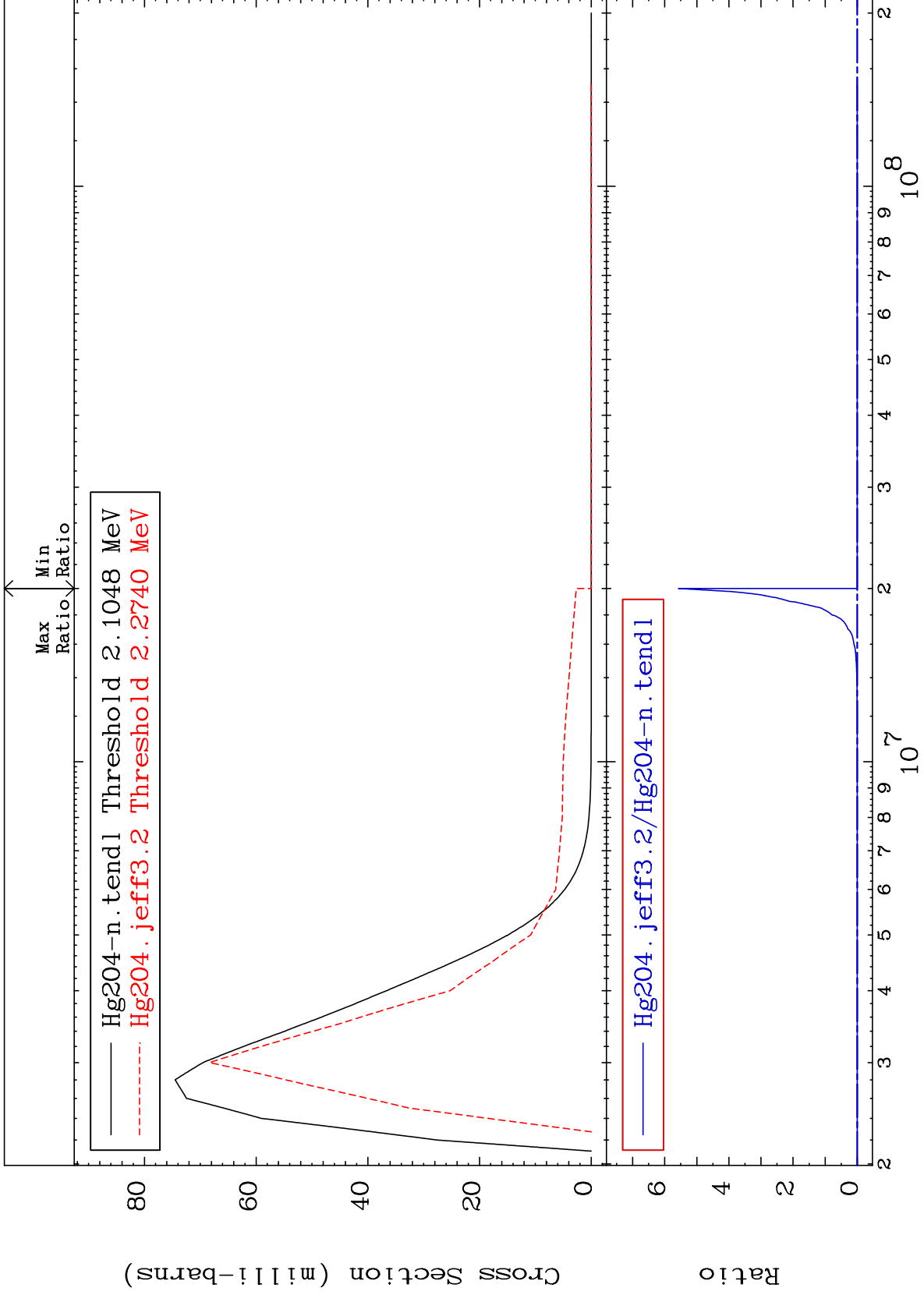
80-Hg-204  
-100.0 To 0.000 %



MAT 8049

2.094 MeV (n,n') Level  
Cross Section

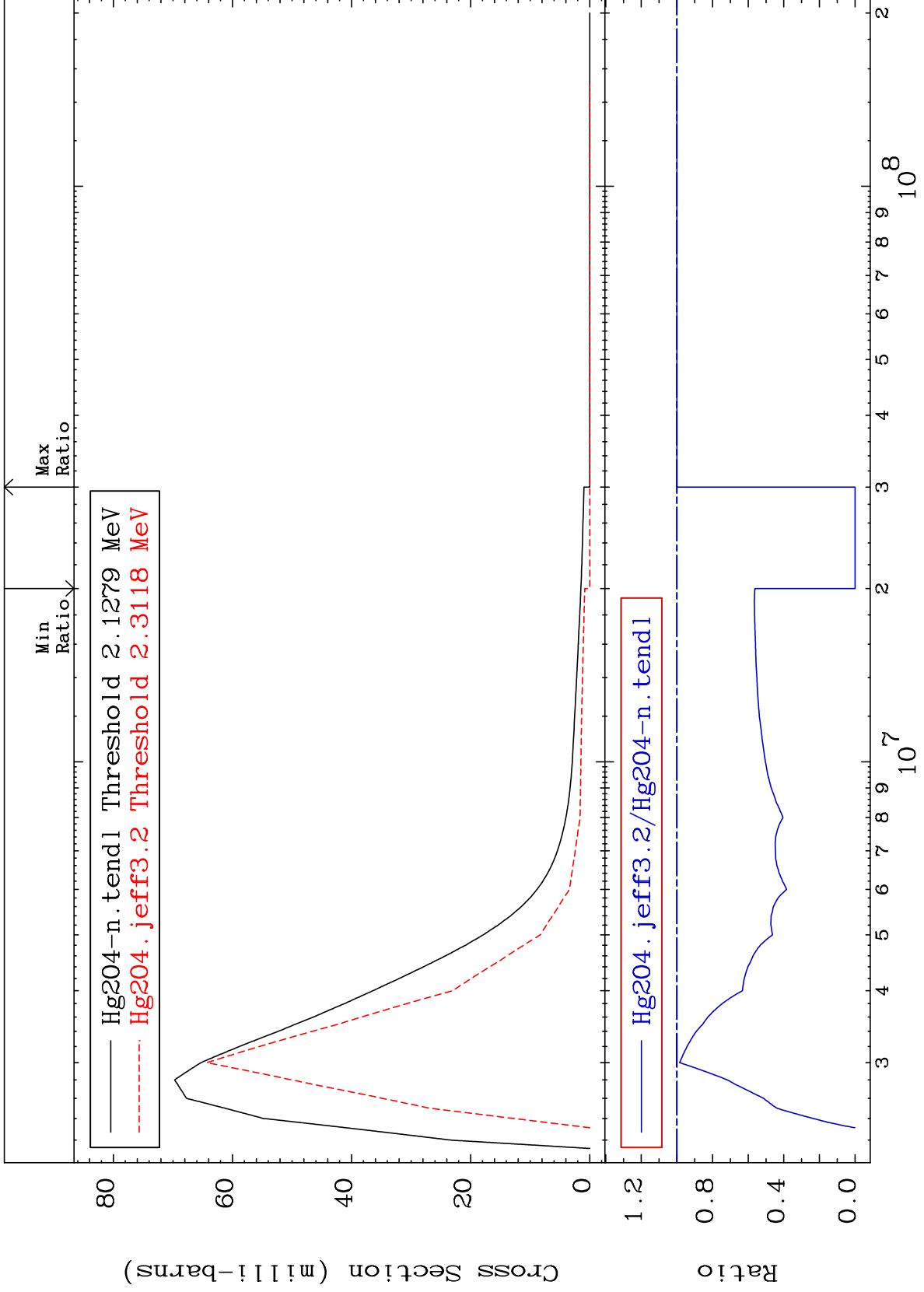
80-Hg-204  
-100.0 To 9999. %



MAT 8049

2.117 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 0.000 %



20

Incident Energy (eV)

80-Hg-204

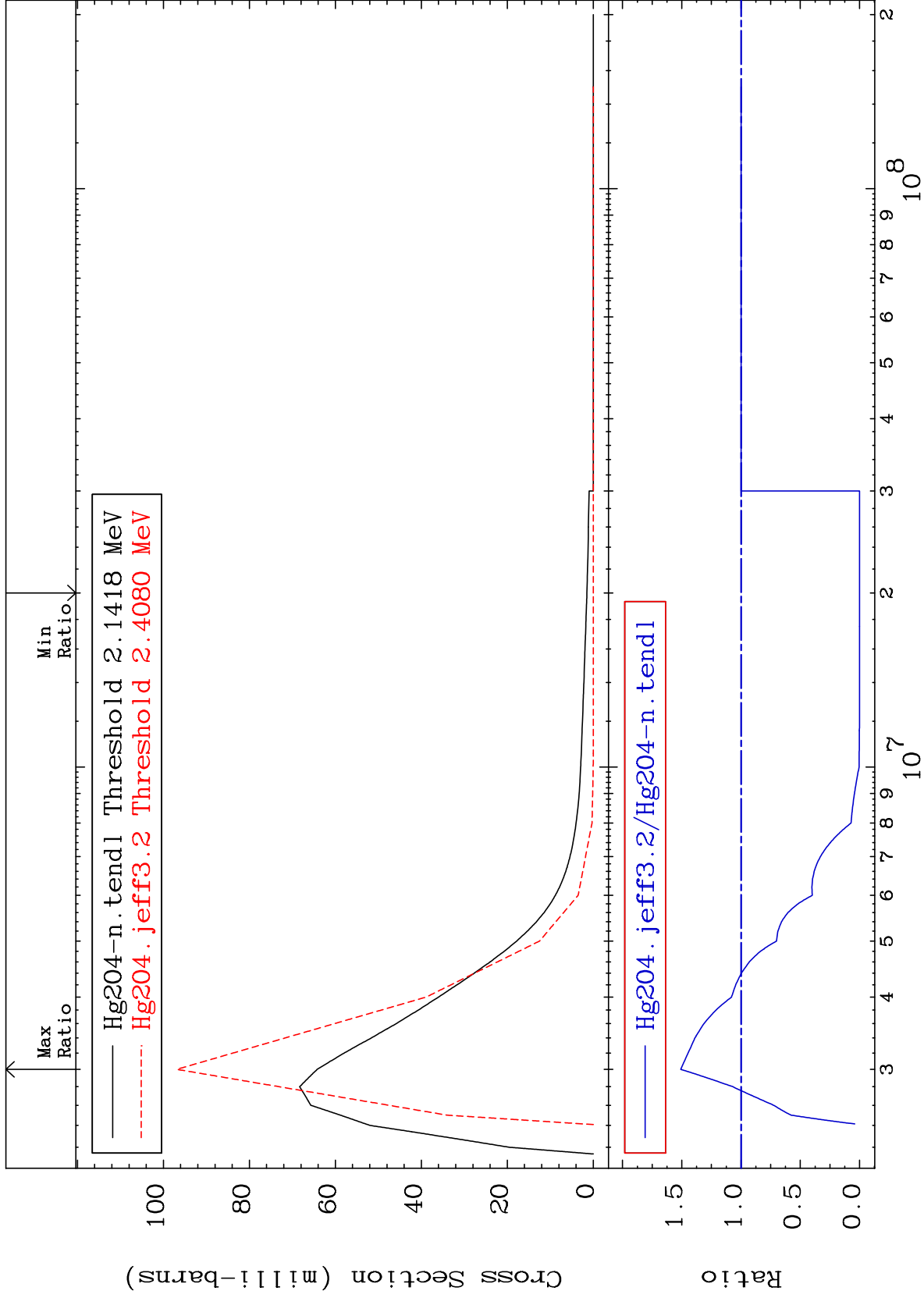
MAT 8049

2.131 MeV (n,n') Level

80-Hg-204

-100.0 To 50.86 %

Cross Section



21

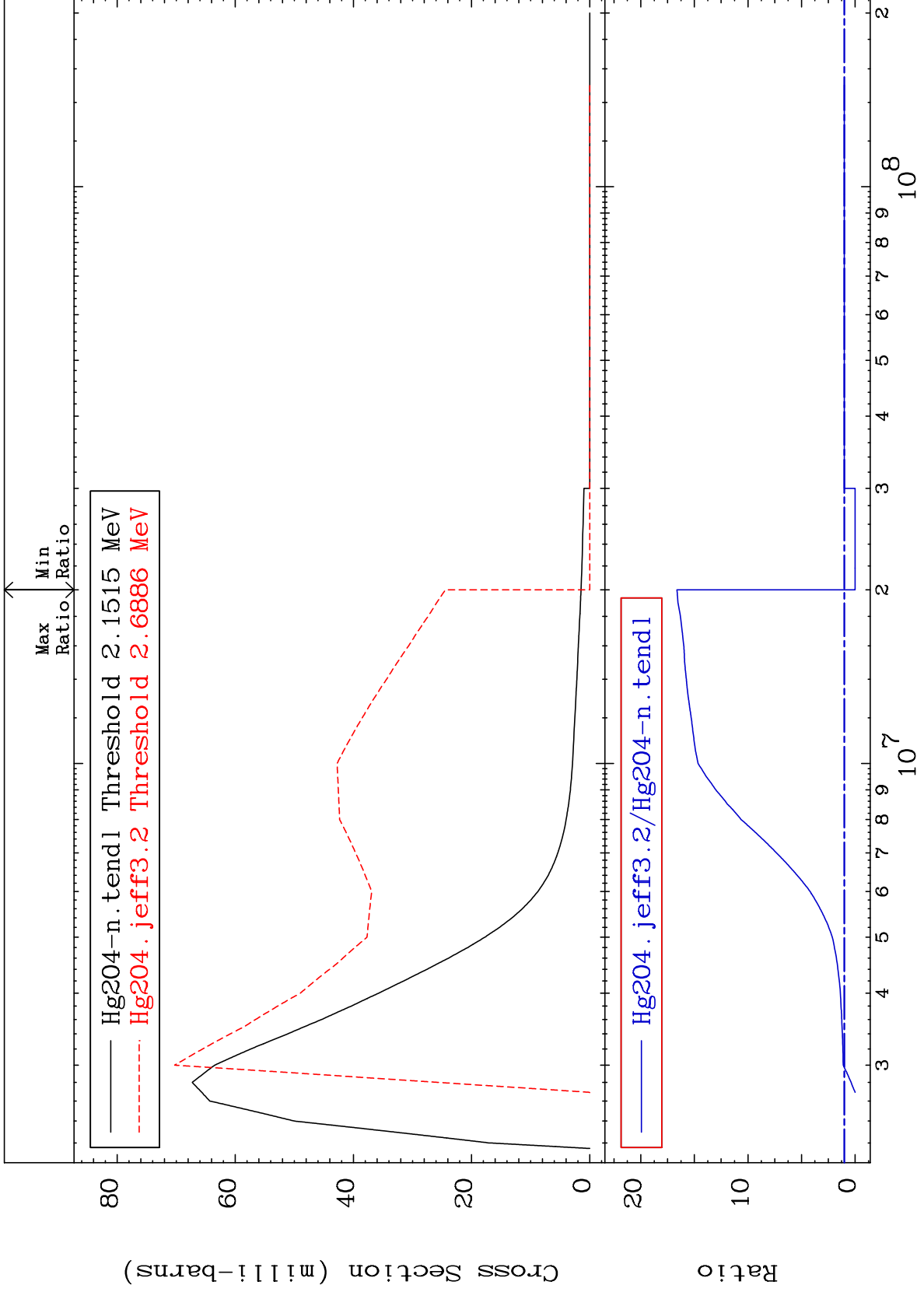
Incident Energy (eV)

80-Hg-204

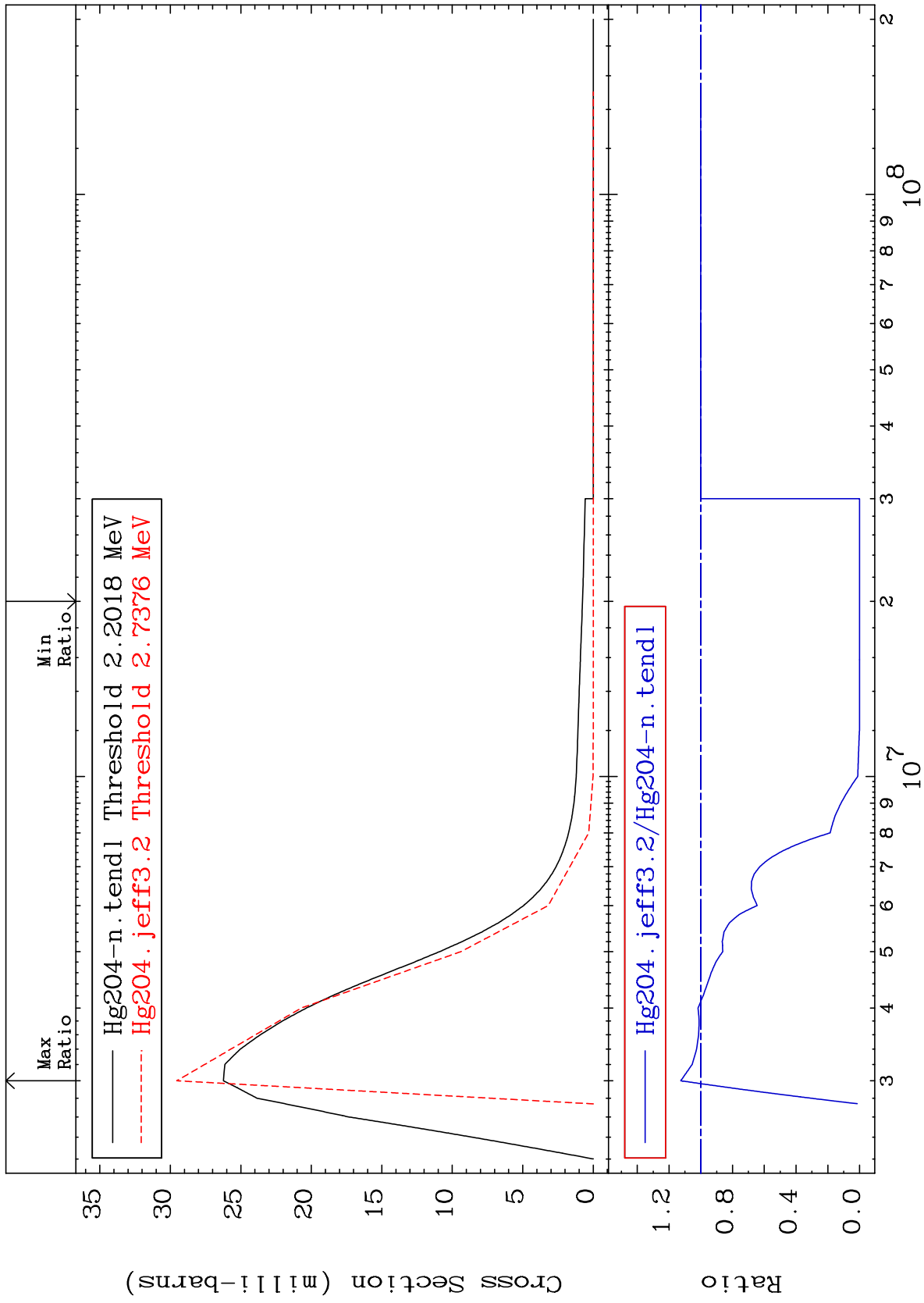
MAT 8049

2.141 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 1563. %



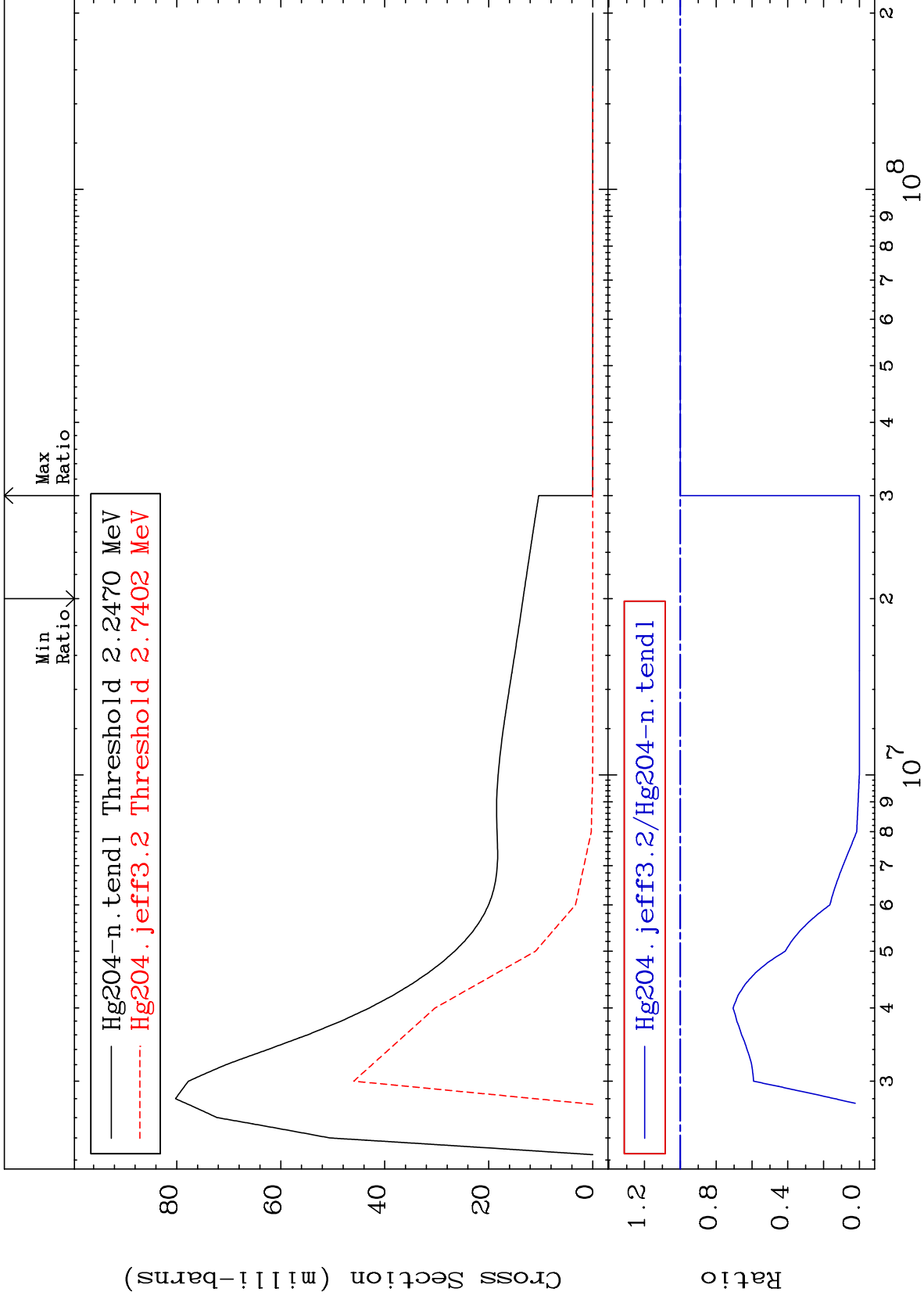
MAT 8049      2.191 MeV (n,n') Level      80-Hg-204  
 Cross Section      -100.0 To 12.62 %



MAT 8049

2.236 MeV (n,n') Level  
Cross Section

80-Hg-204  
-100.0 To 0.000 %

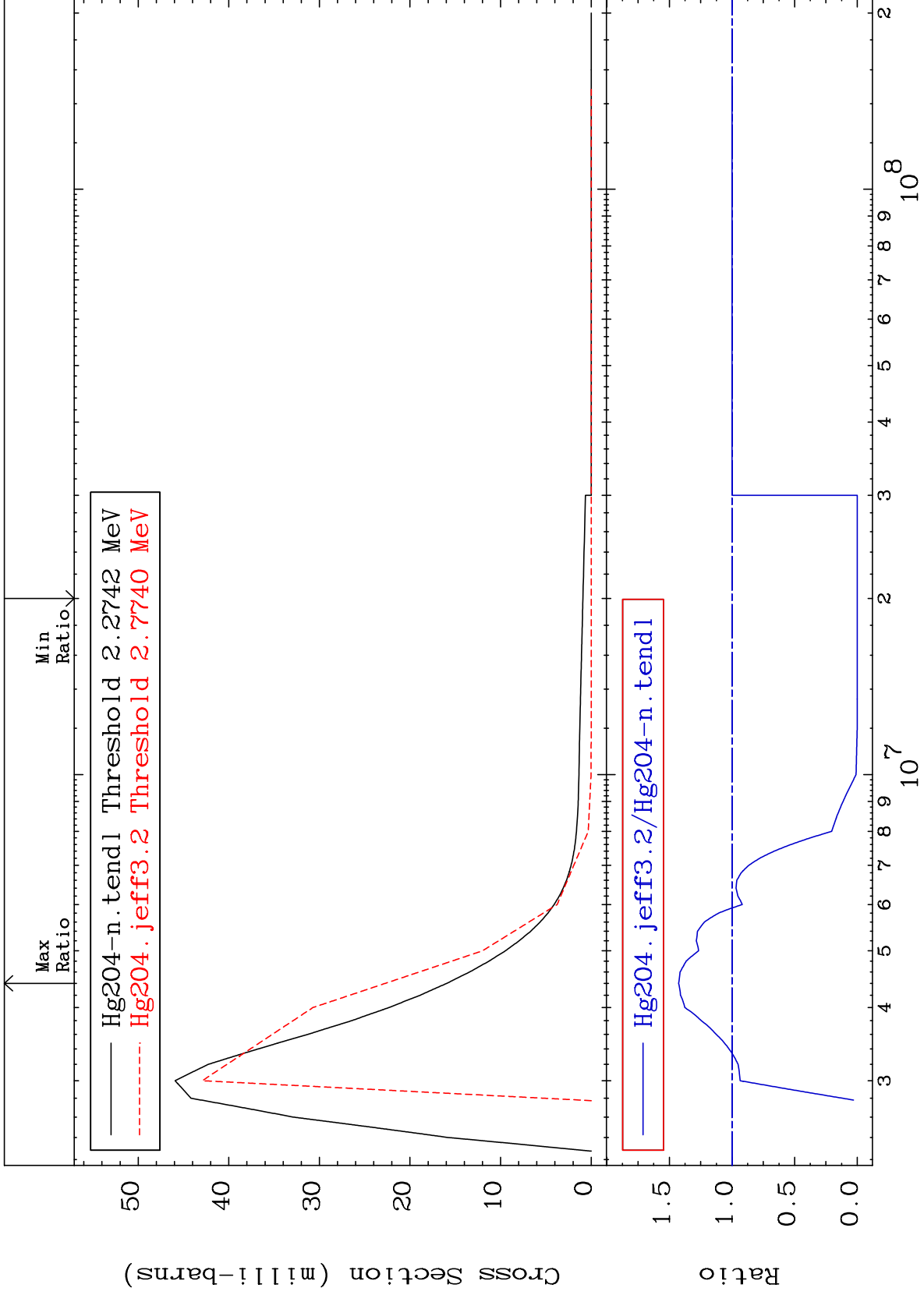




MAT 8049

2.263 MeV (n,n') Level  
Cross Section

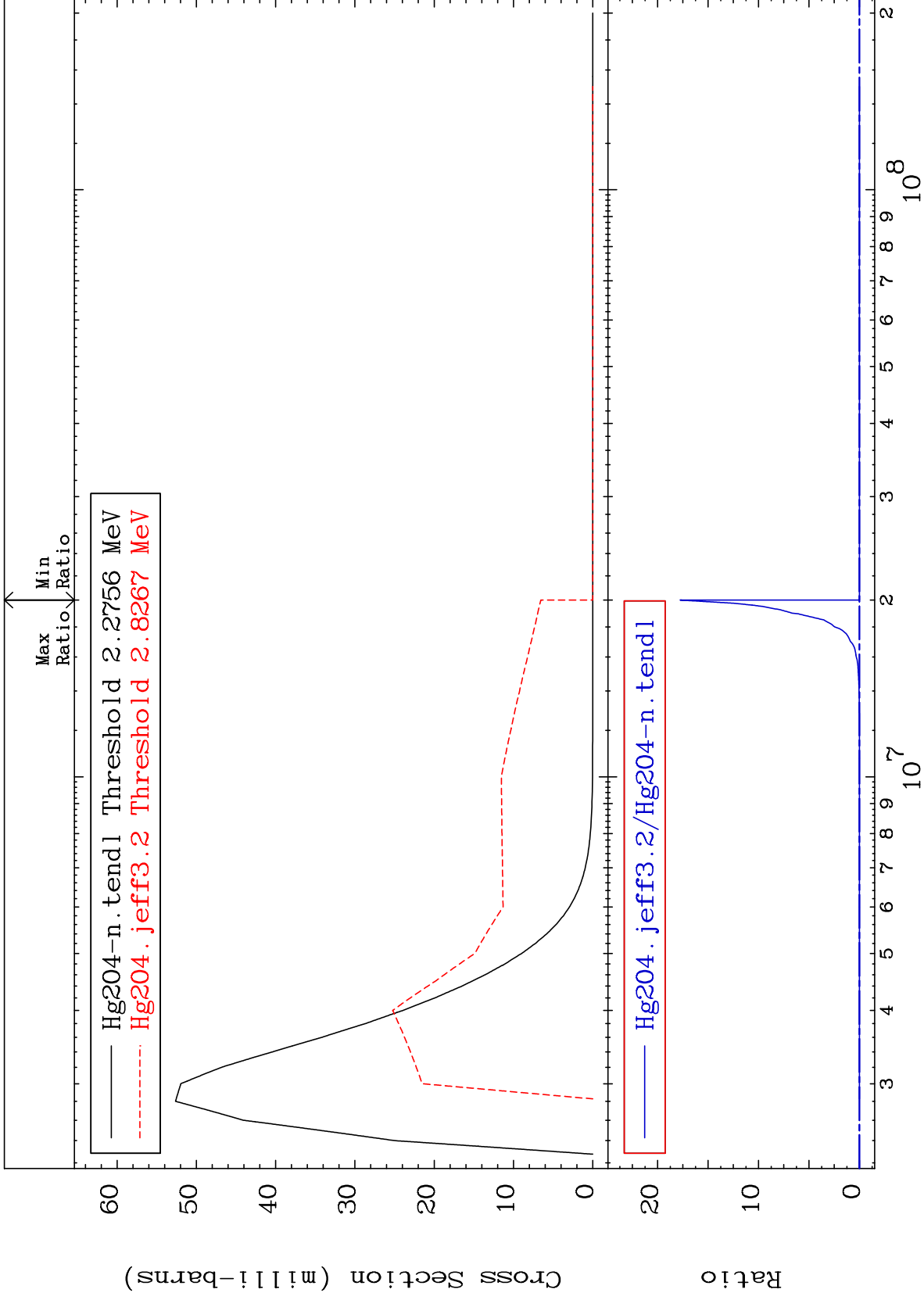
80-Hg-204  
-100.0 To 42.61 %



MAT 8049

2.264 MeV (n,n') Level  
Cross Section

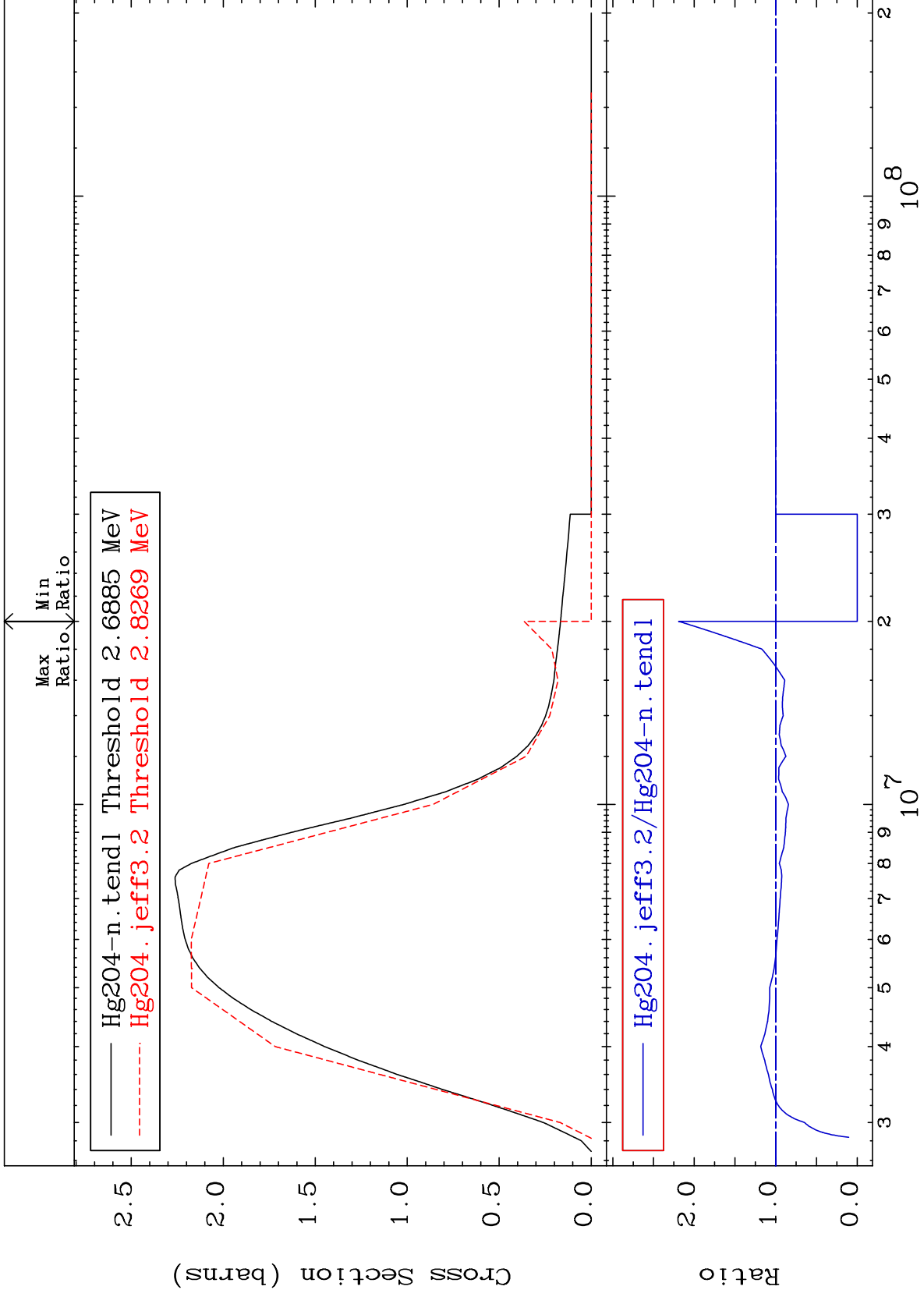
80-Hg-204  
-100.0 To 9999. %



MAT 8049

(n, n') Continuum  
Cross Section

80-Hg-204  
-100.0 To 119.2 %



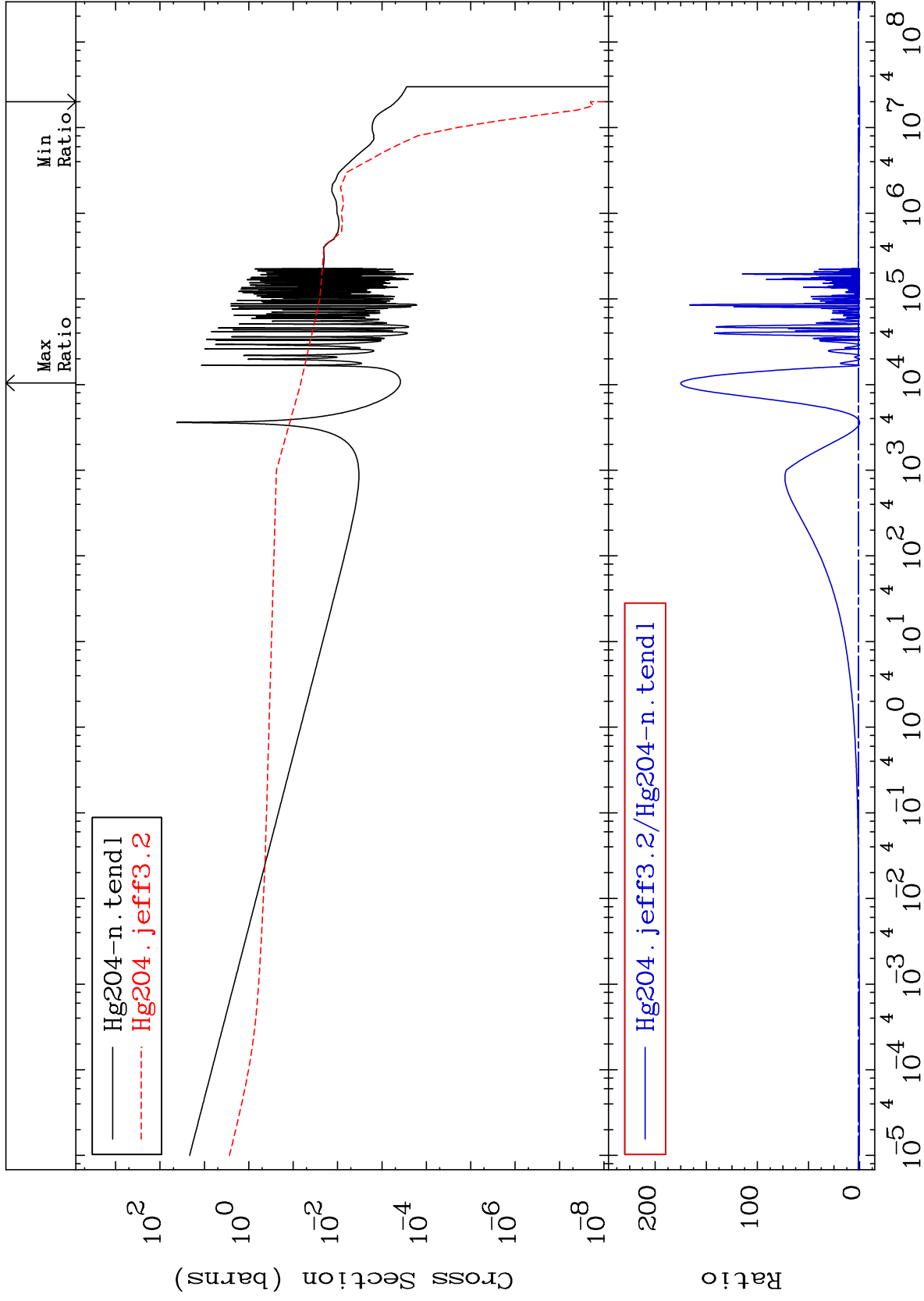
MAT 8049

(n,  $\gamma$ )

80-Hg-204

Cross Section

-100.0 To 9999. %



28

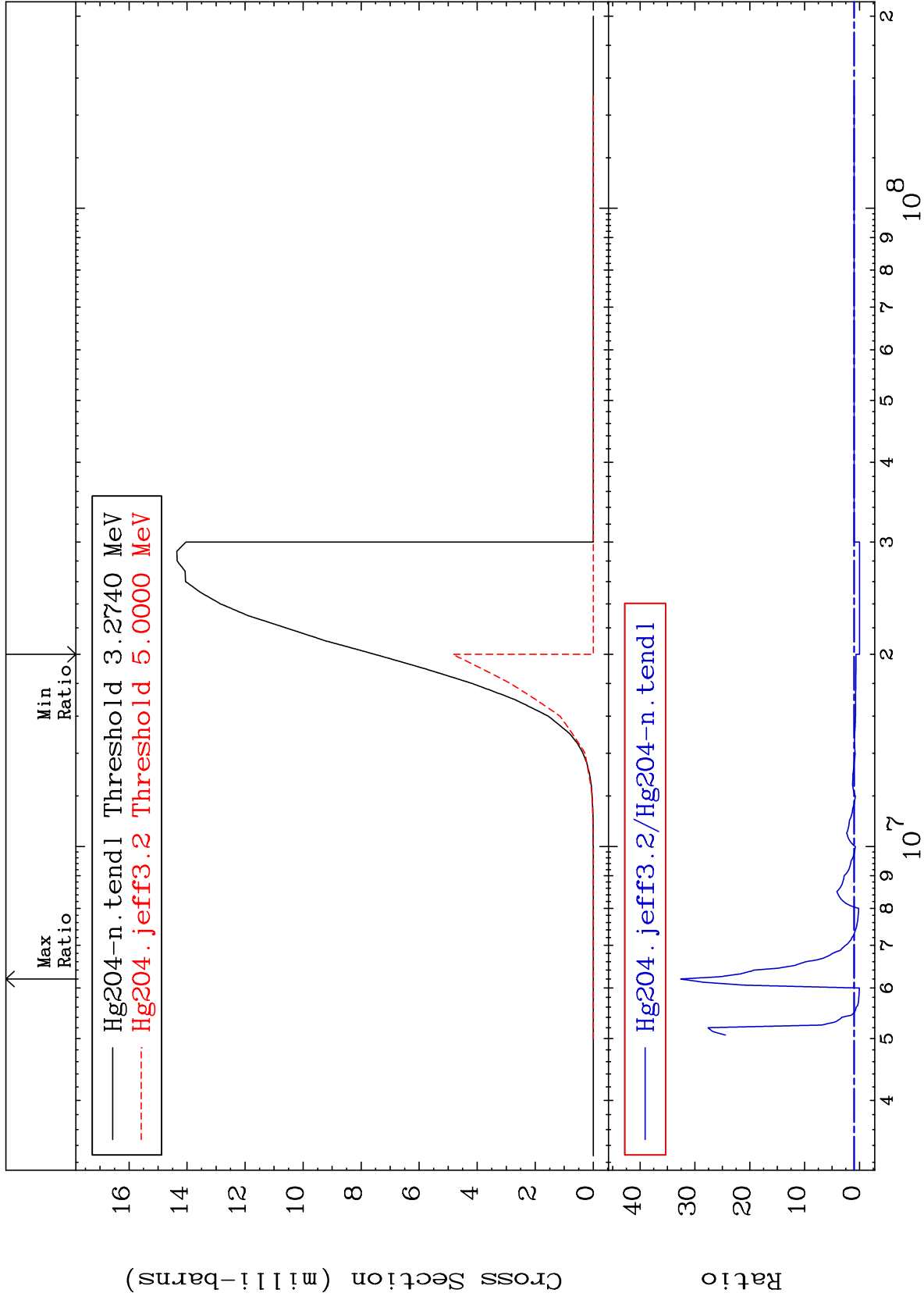
Incident Energy (eV)

80-Hg-204

MAT 8049

(n,p)  
Cross Section

80-Hg-204  
-100.0 To 3158. %



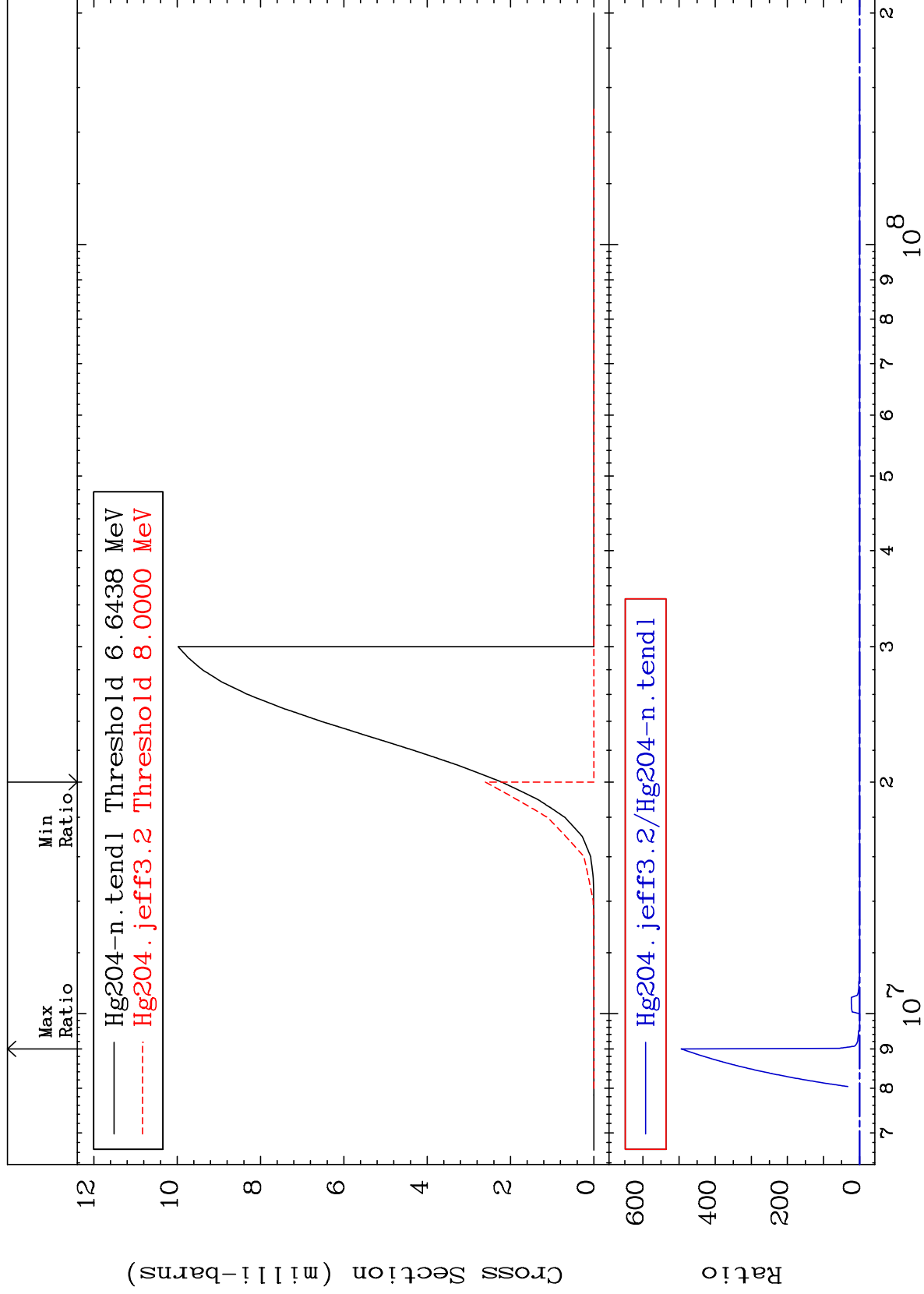
MAT 8049

(n, d)

80-Hg-204

Cross Section

-100.0 To 9999. %



30

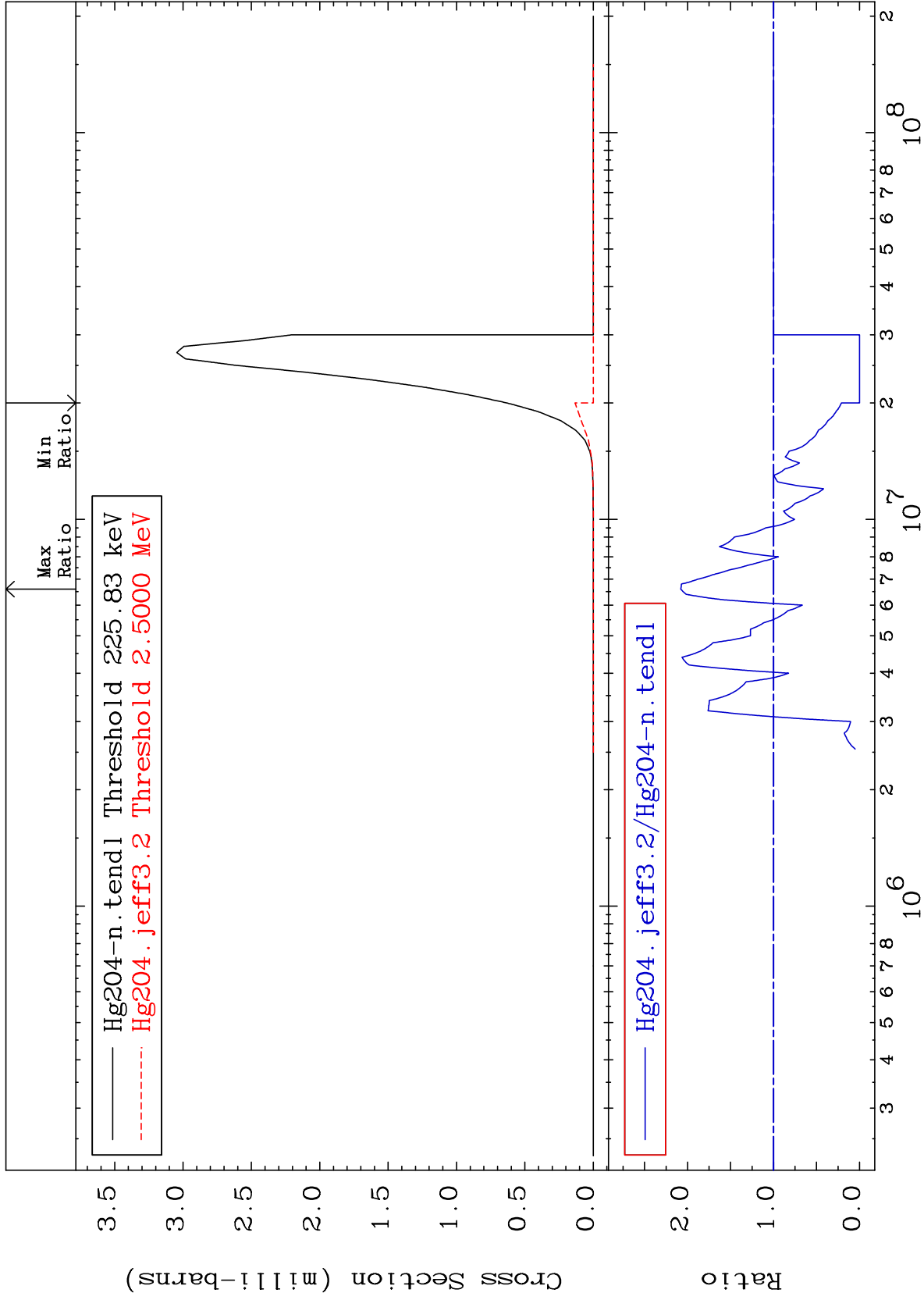
Incident Energy (eV)

80-Hg-204

MAT 8049

80-Hg-204

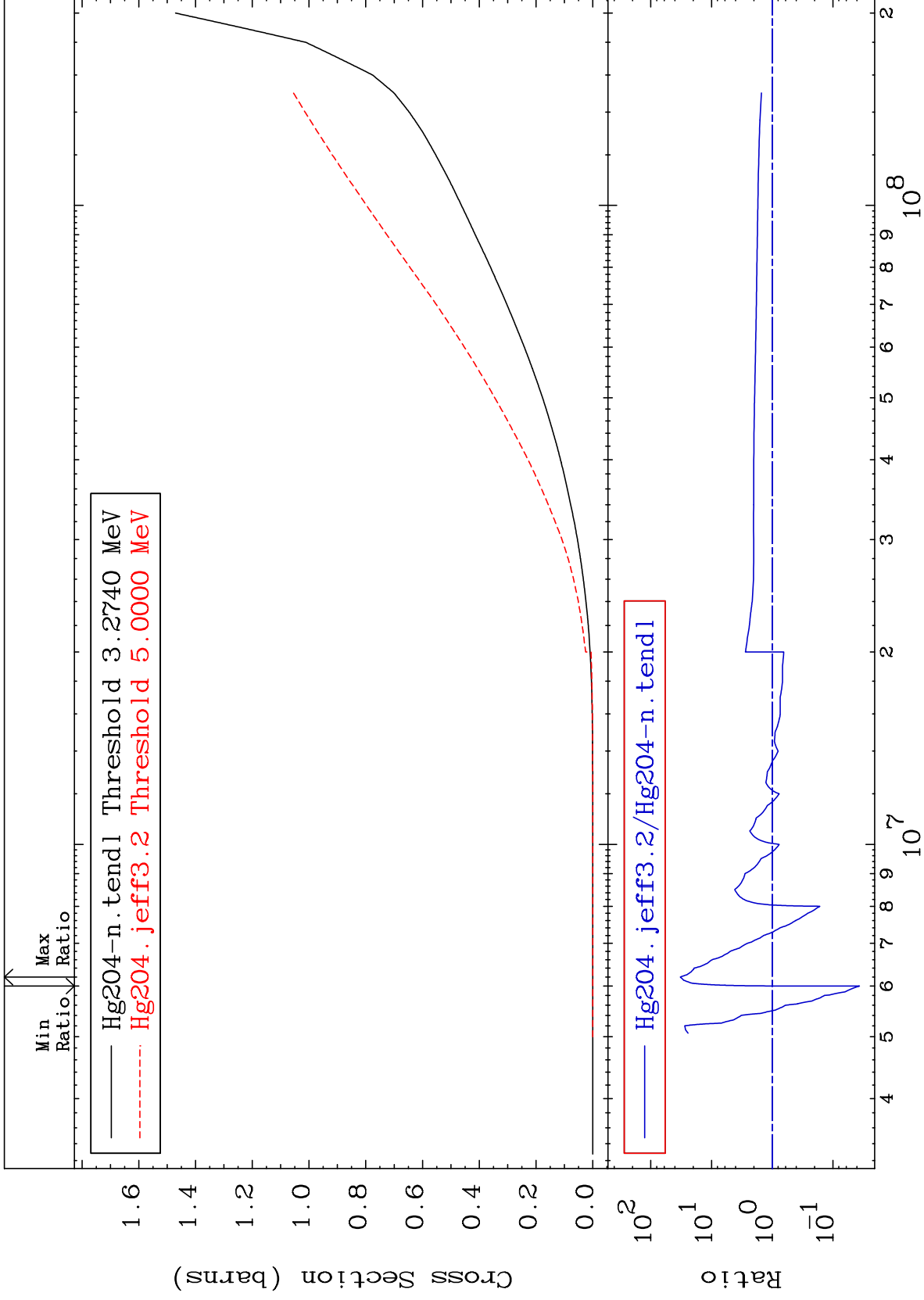
(n,  $\alpha$ )  
Cross Section  
-100.0 To 107.9 %



31

Incident Energy (eV)

80-Hg-204

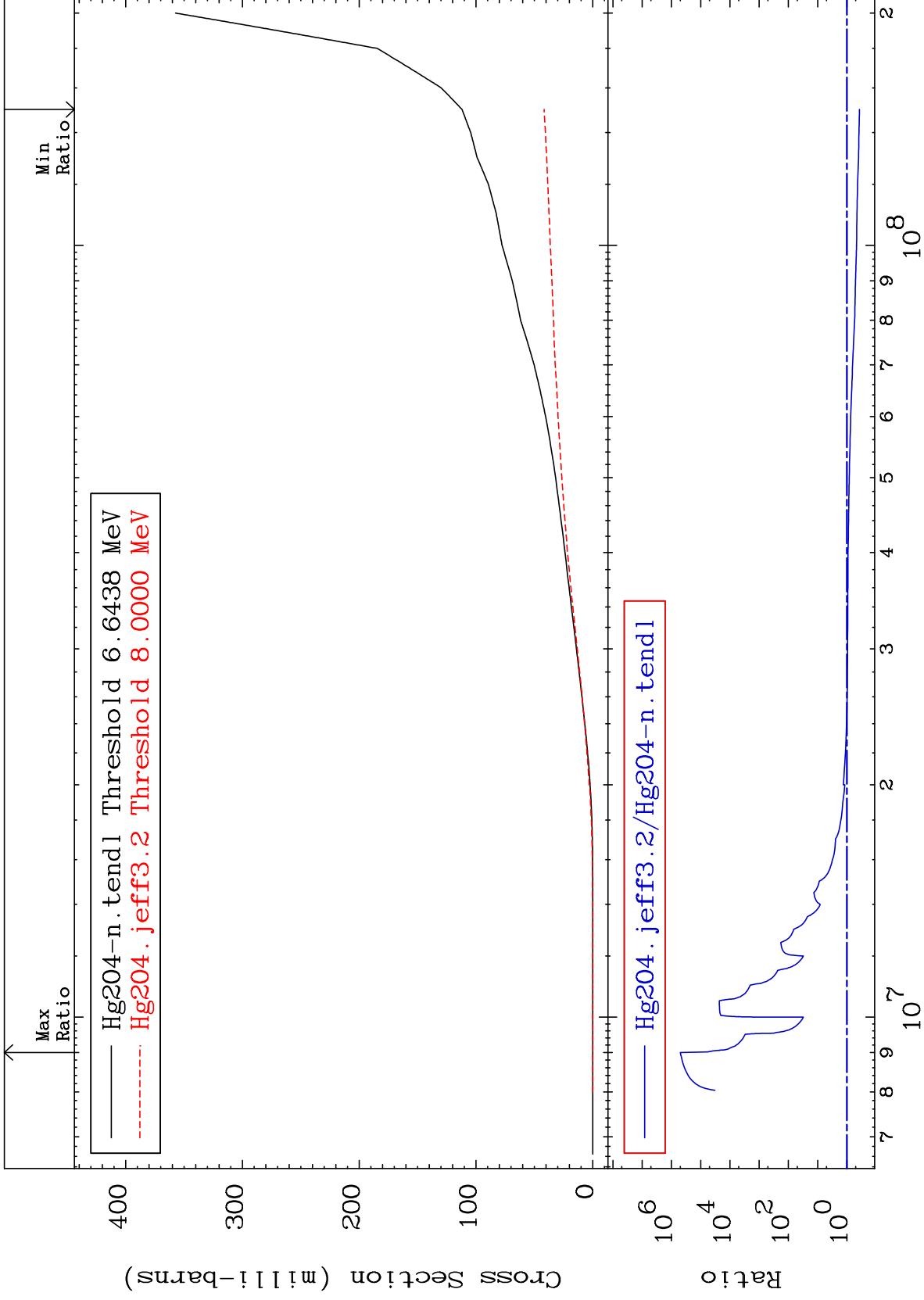




MAT 8049

Deuterium Production  
Cross Section

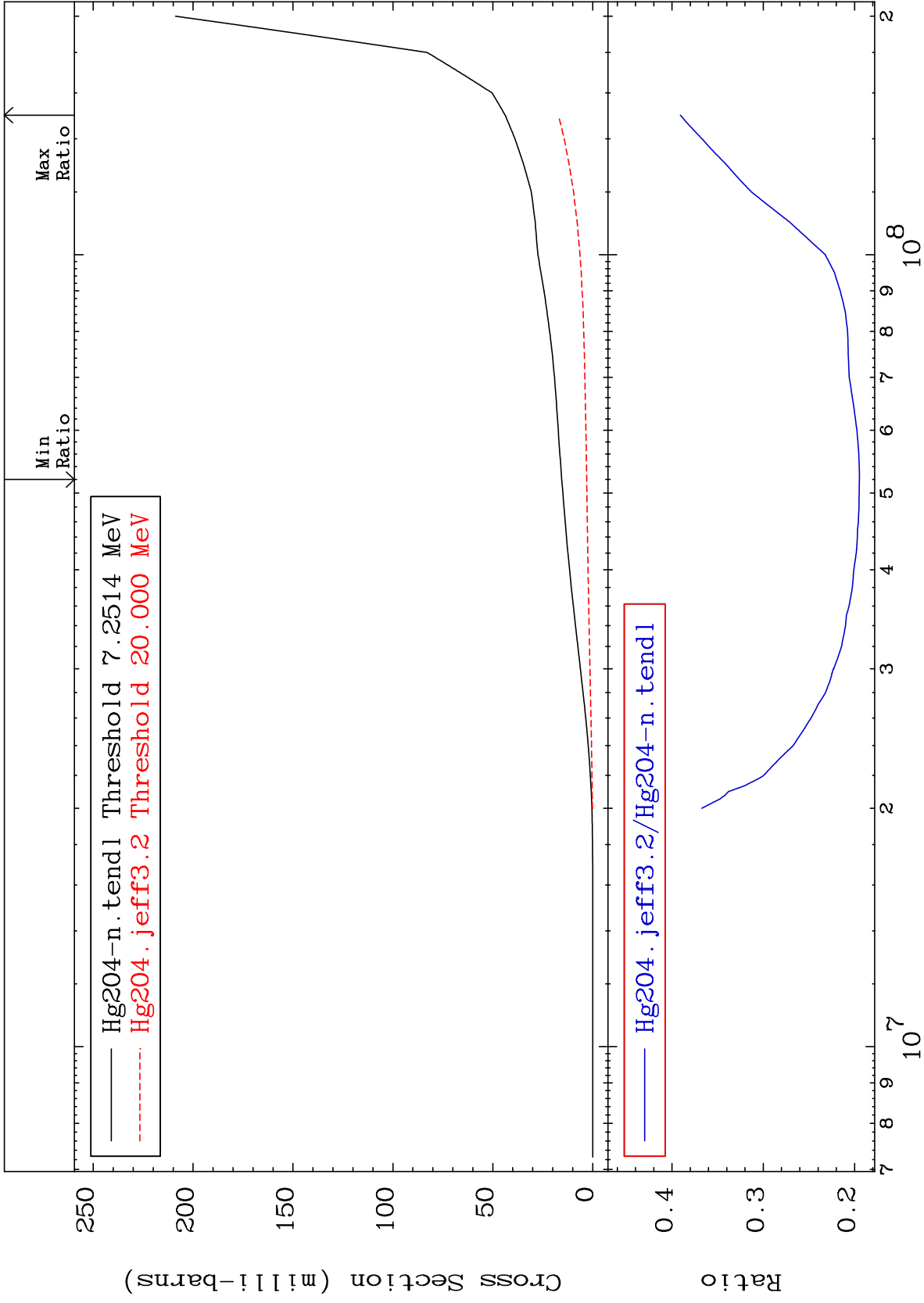
80-Hg-204  
-62.79 To 9999. %



MAT 8049

Tritium Production  
Cross Section

80-Hg-204  
-80.53 To -60.91%



34

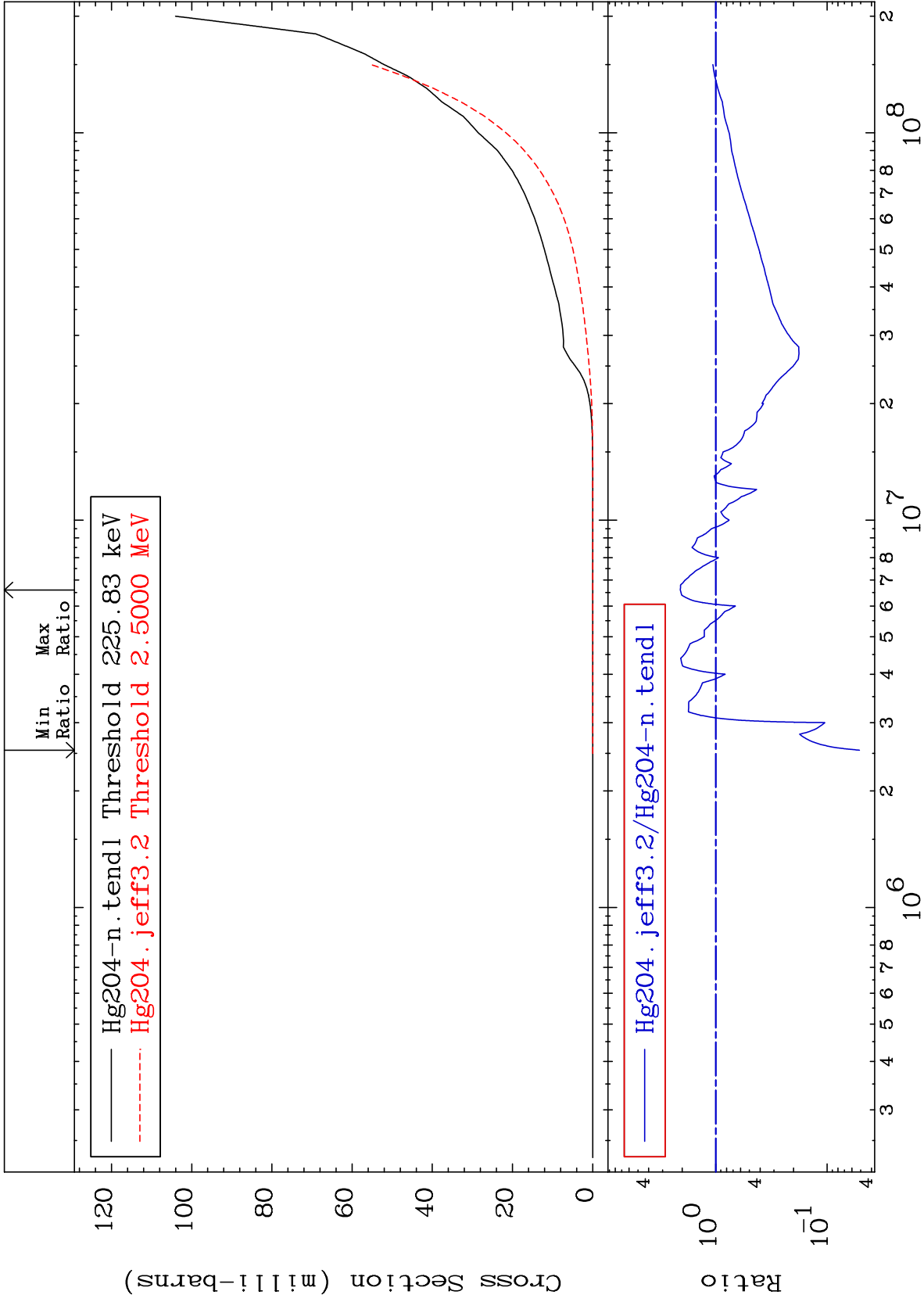
Incident Energy (eV)

80-Hg-204

MAT 8049

He-4 Production  
Cross Section

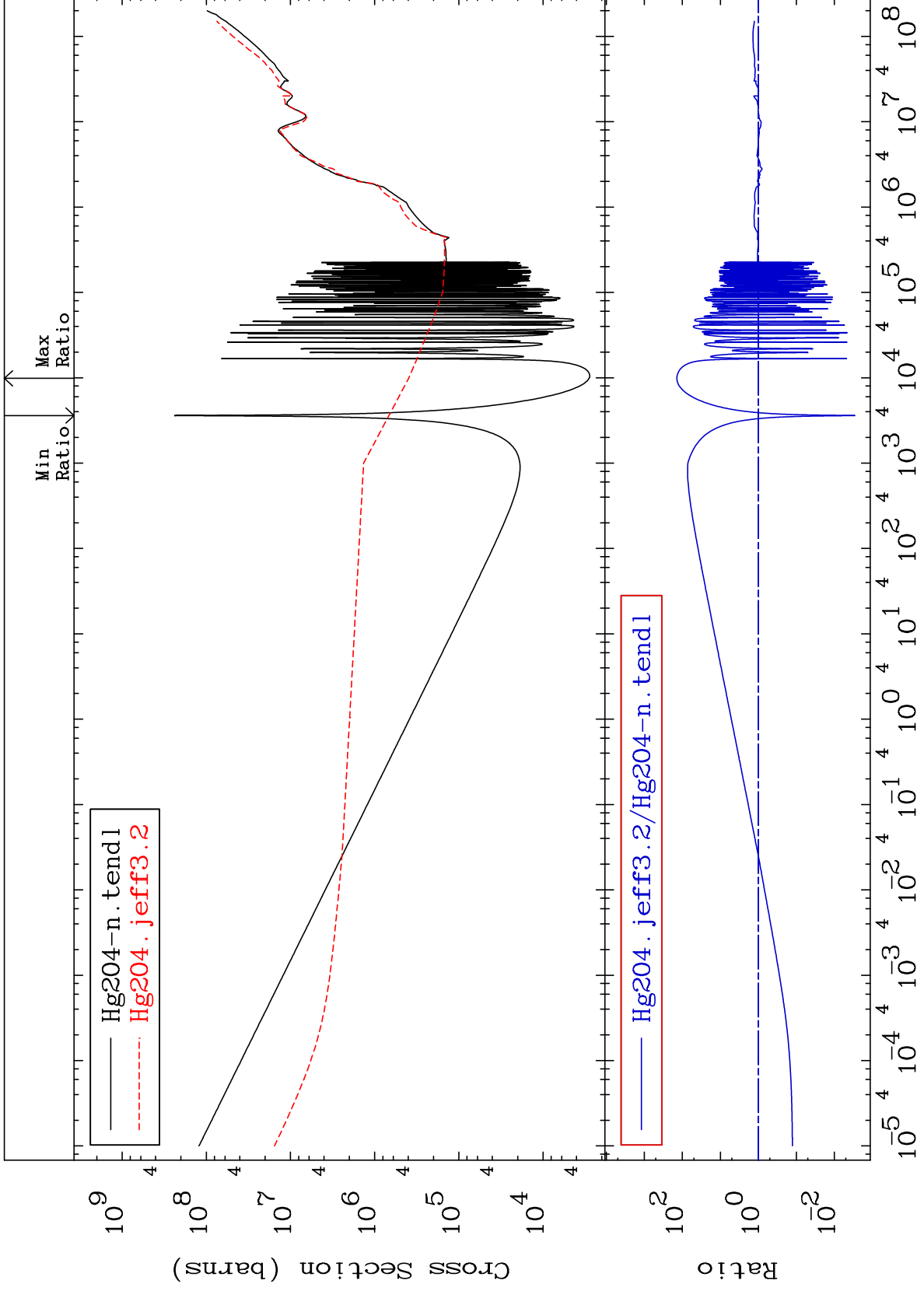
80-Hg-204  
-94.87 To 107.9 %



MAT 8049

Kerma total (eV-barns)  
Cross Section

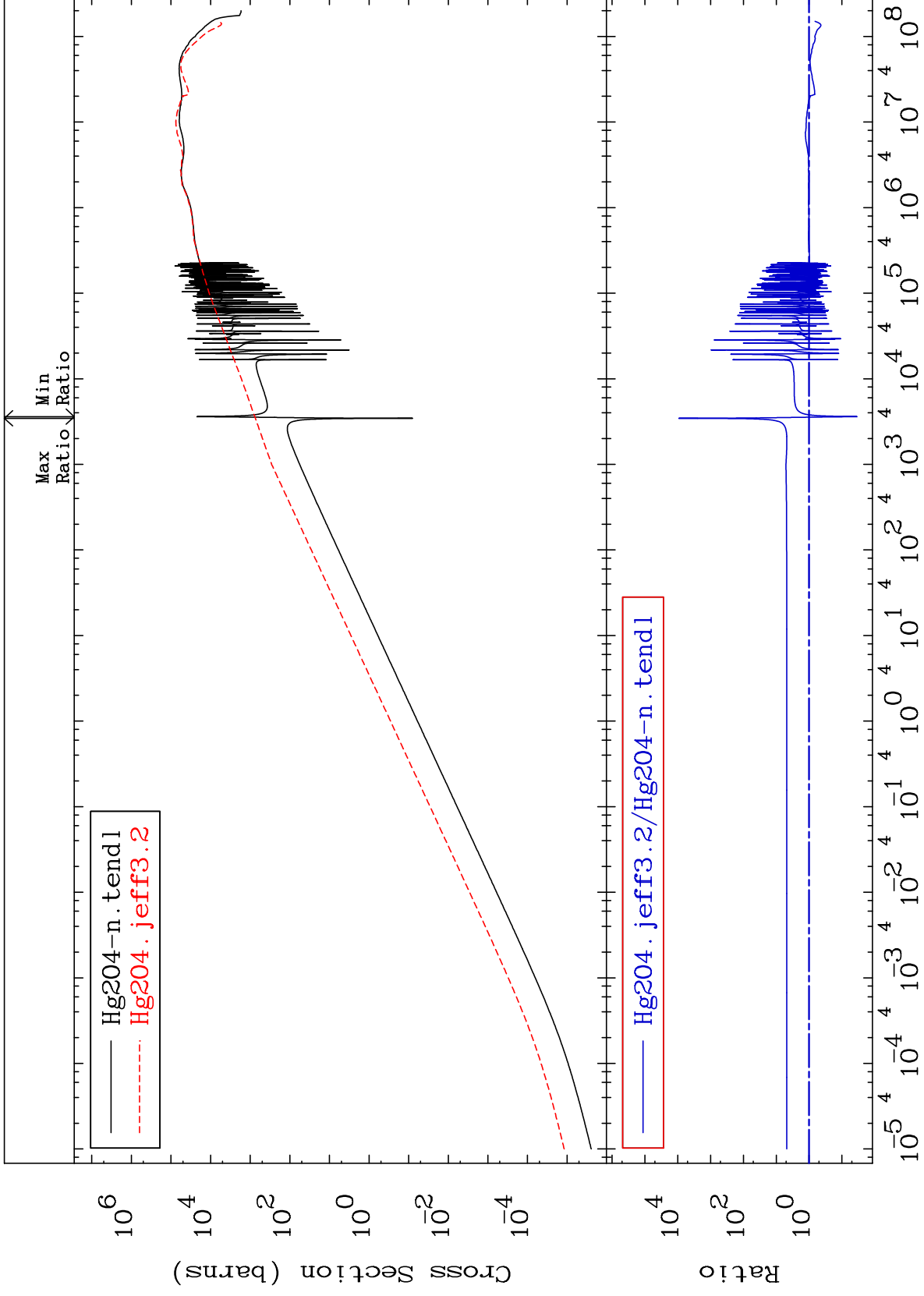
80-Hg-204  
-99.72 To 9999. %

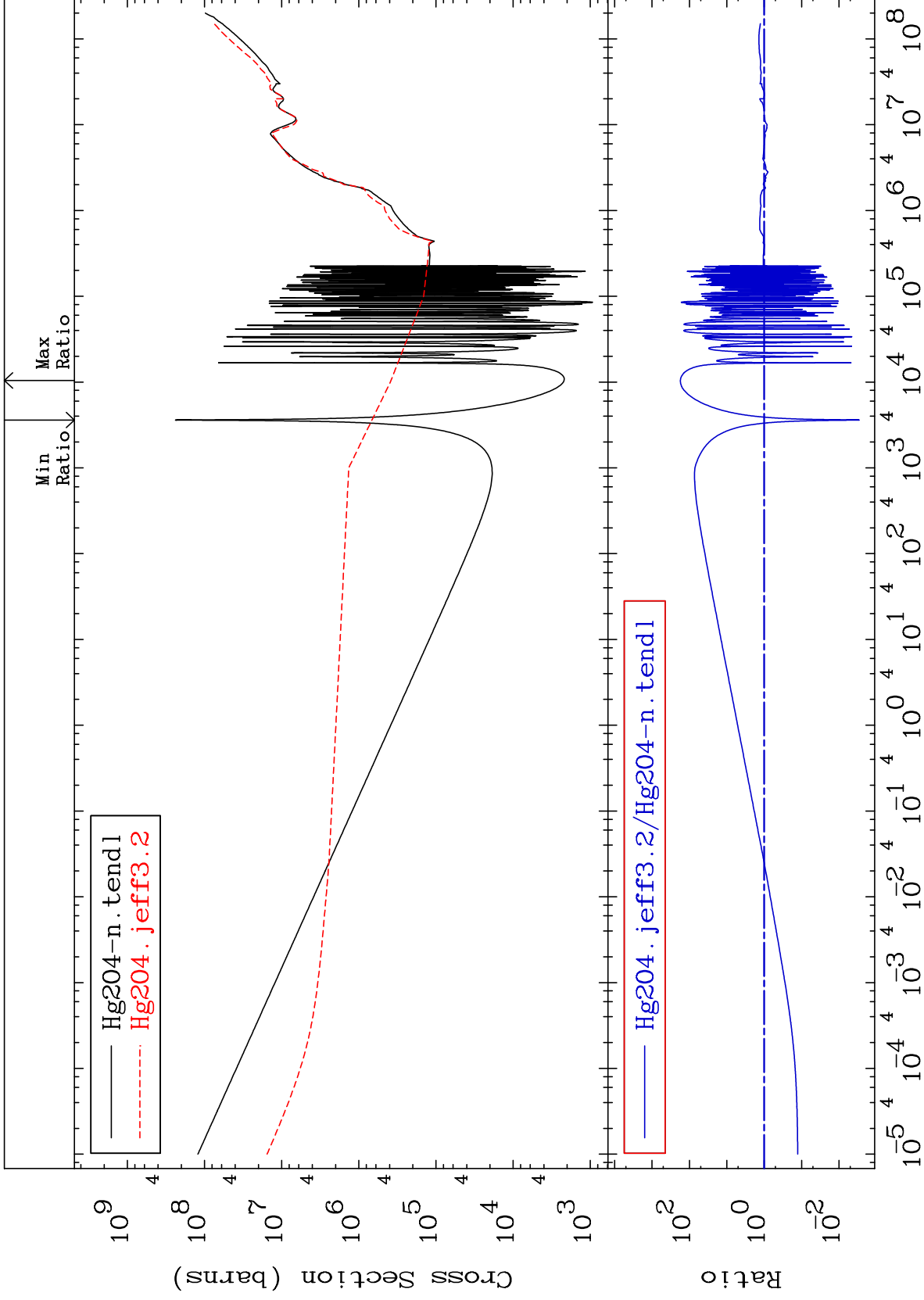


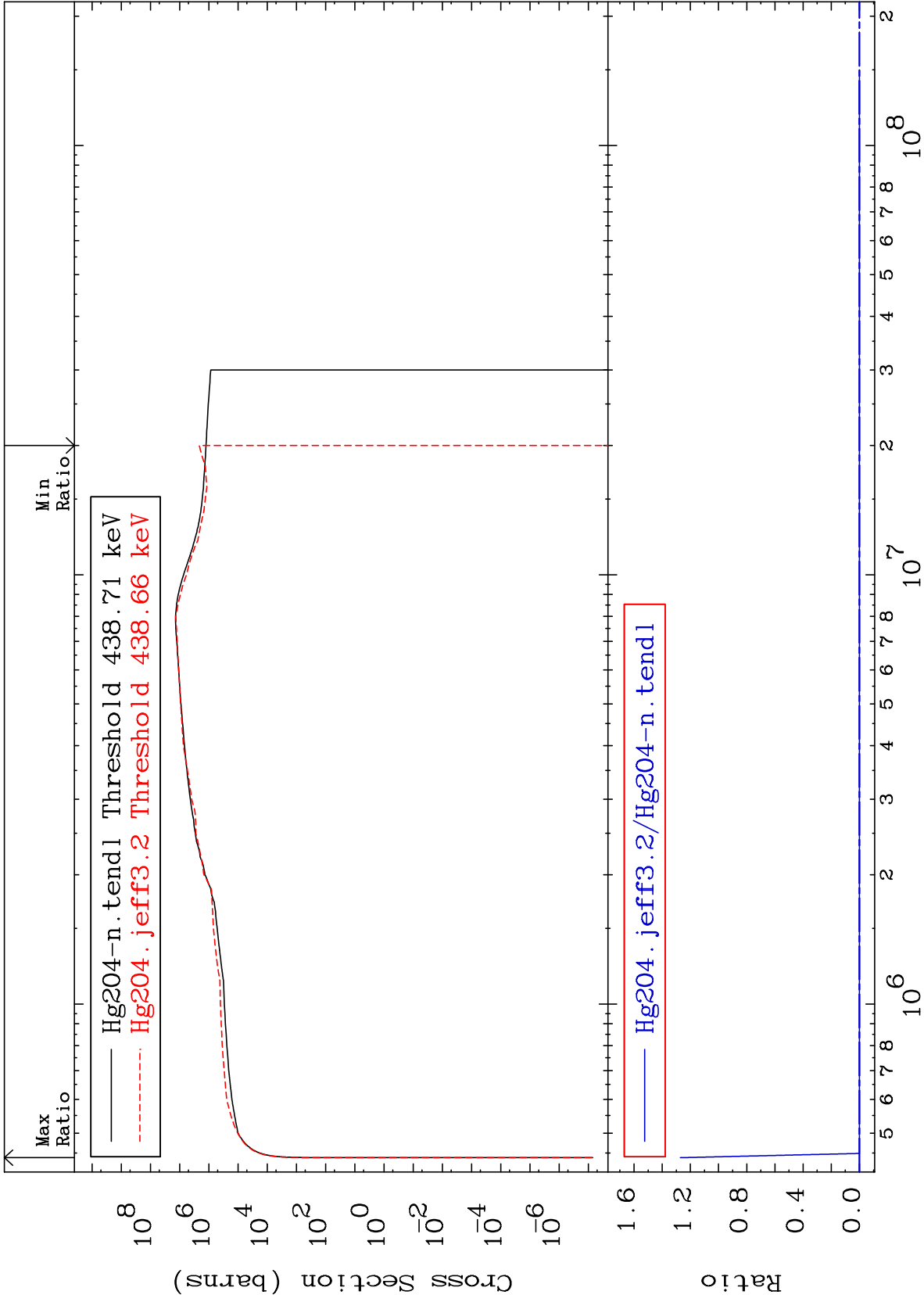
MAT 8049

Kerma elastic  
Cross Section

80-Hg-204  
-96.58 To 9999. %



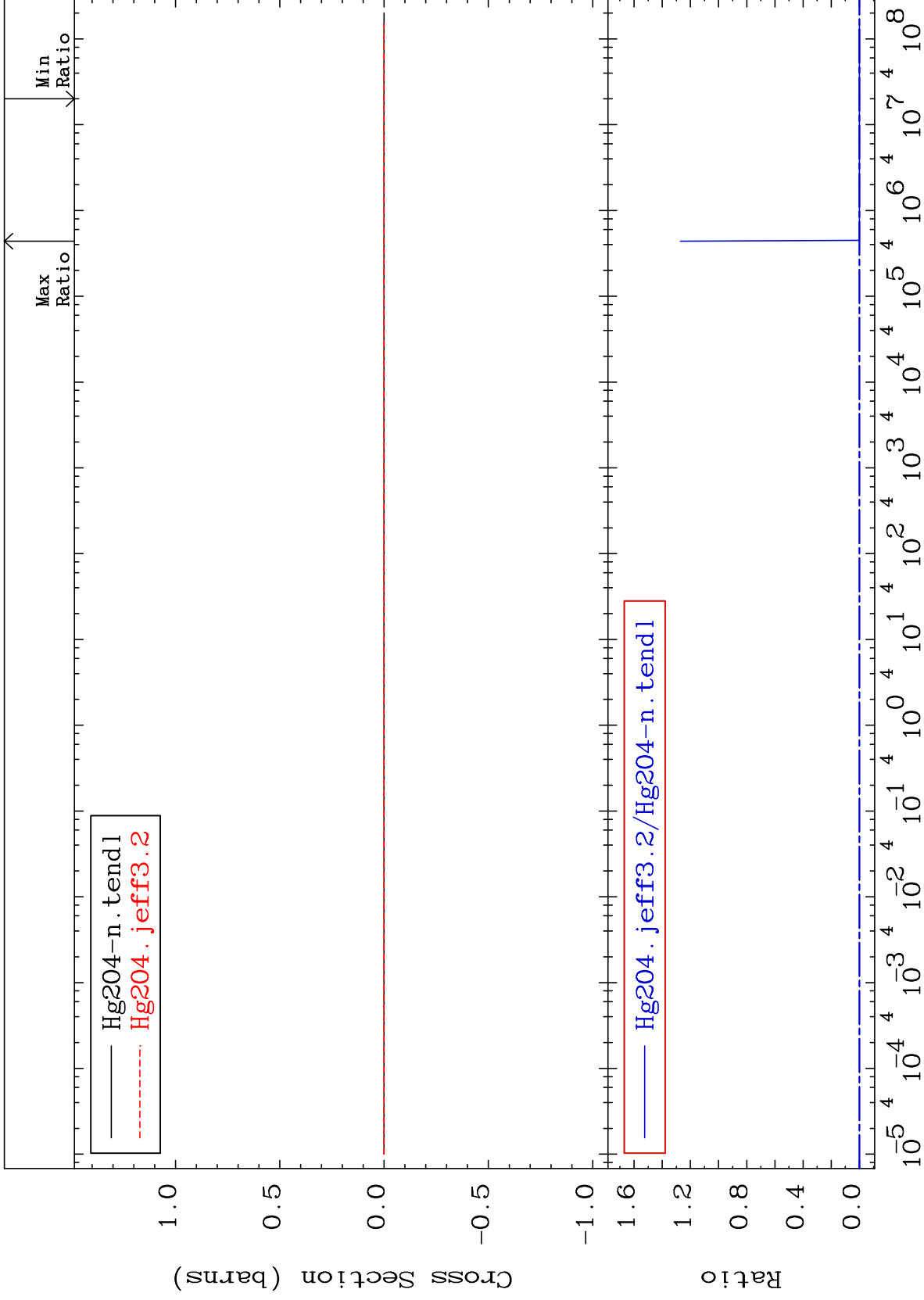




MAT 8049

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

80-Hg-204  
-100.0 To 9999. %



40

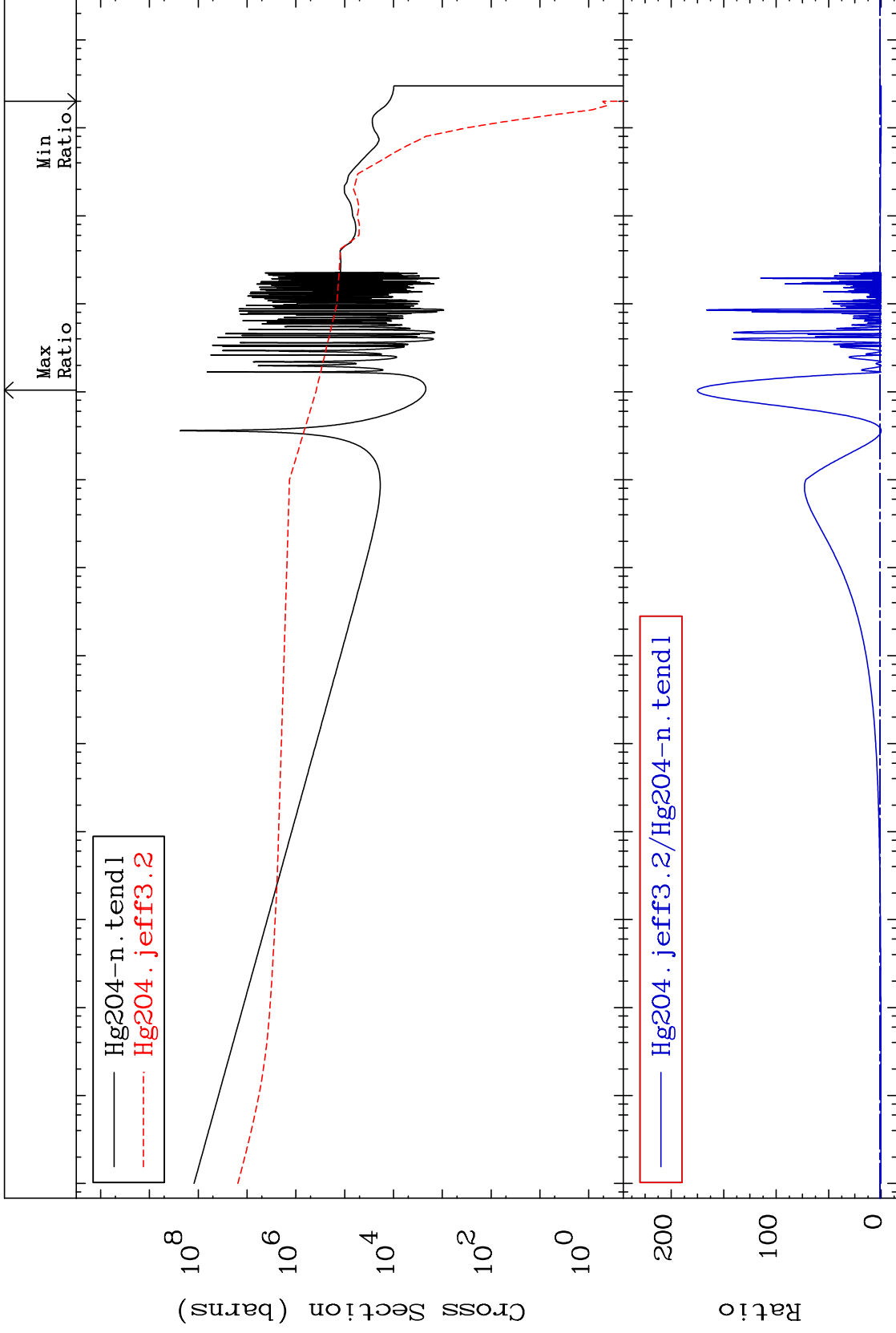
80-Hg-204



MAT 8049

Kerma capture (mt102)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



Hg204.jeff3.2/Hg204-n.tendl



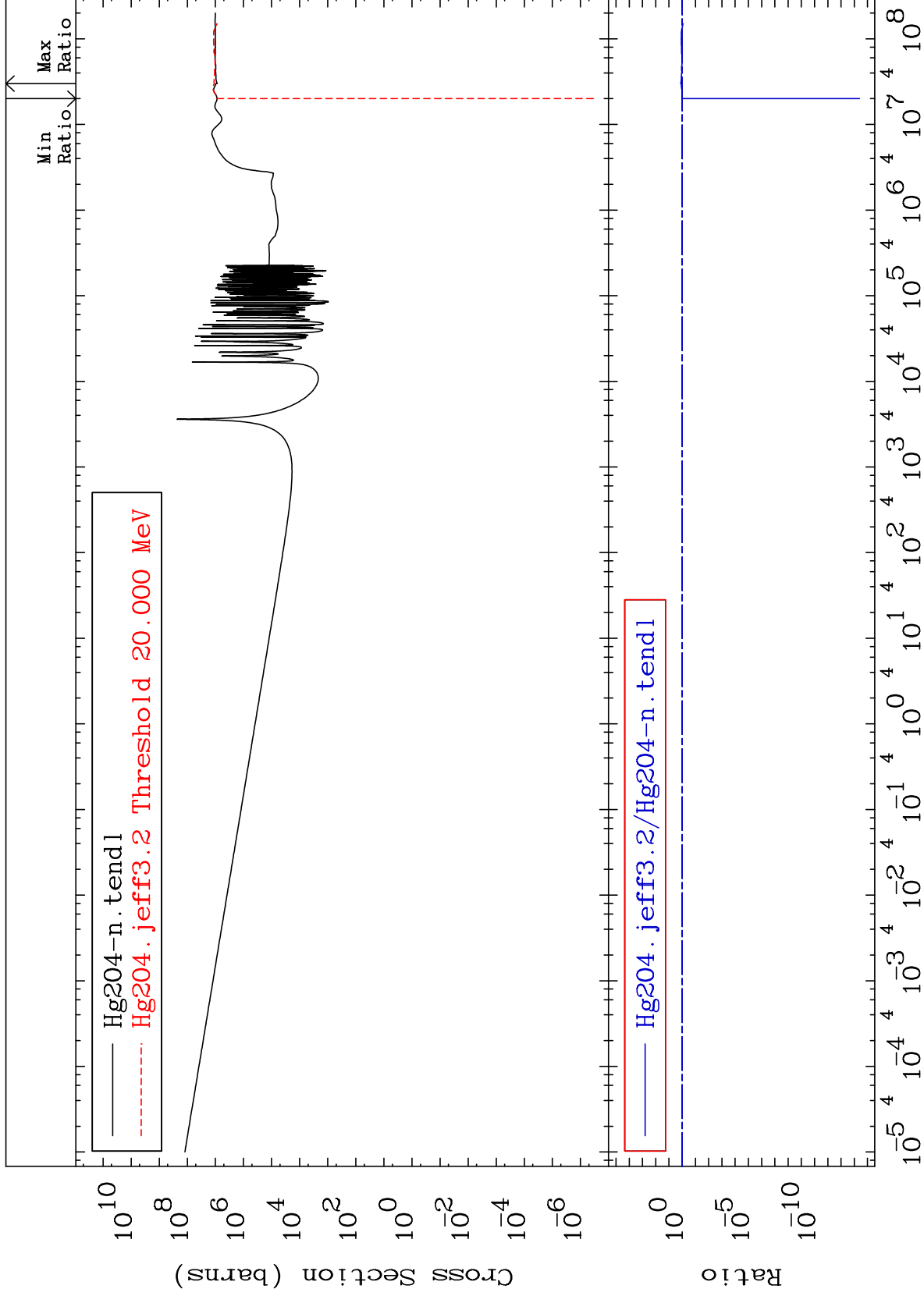
41

80-Hg-204

MAT 8049

Total photon (eV-barns)  
Cross Section

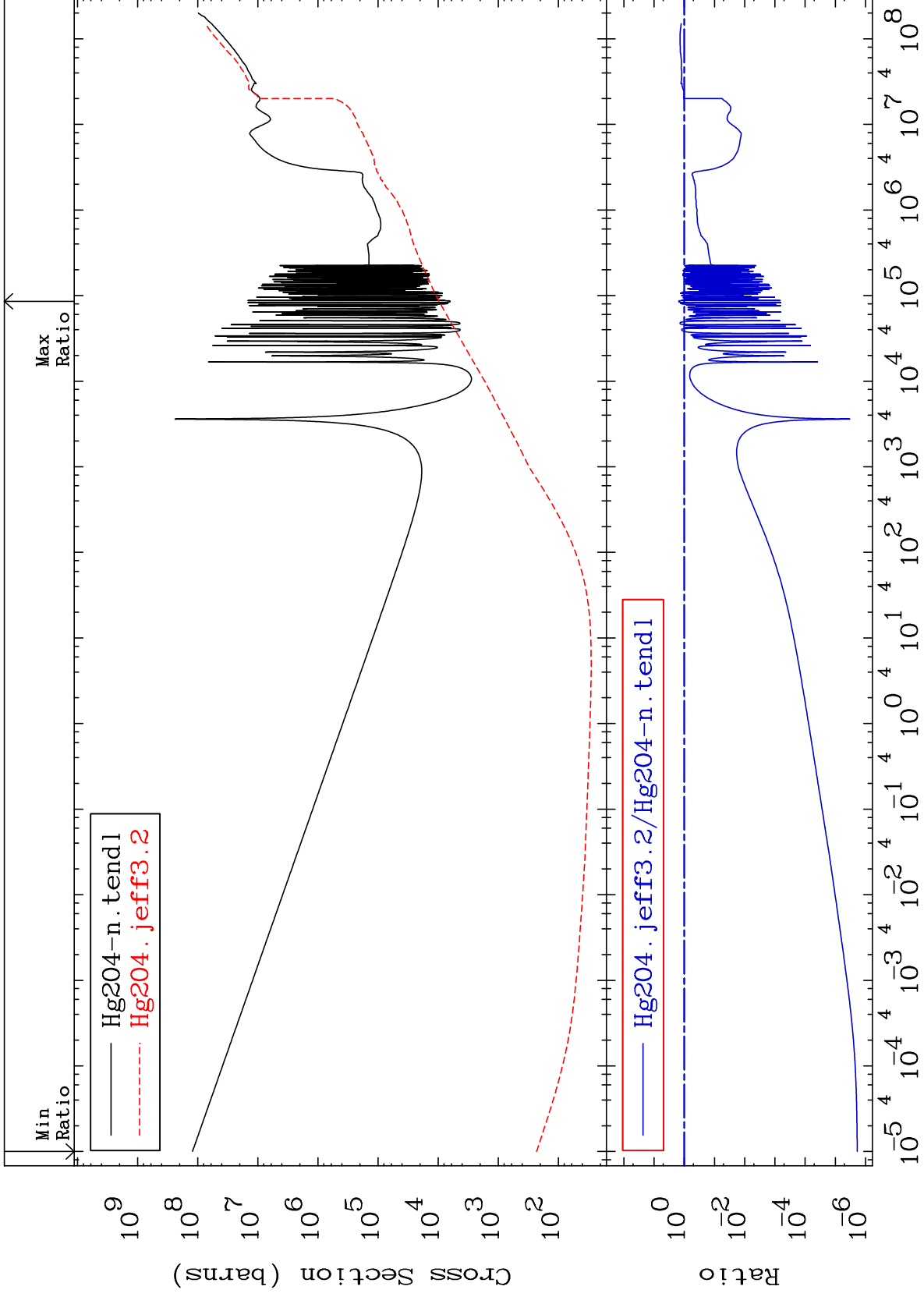
80-Hg-204  
-100.0 To 27.43 %



42

Incident Energy (eV)

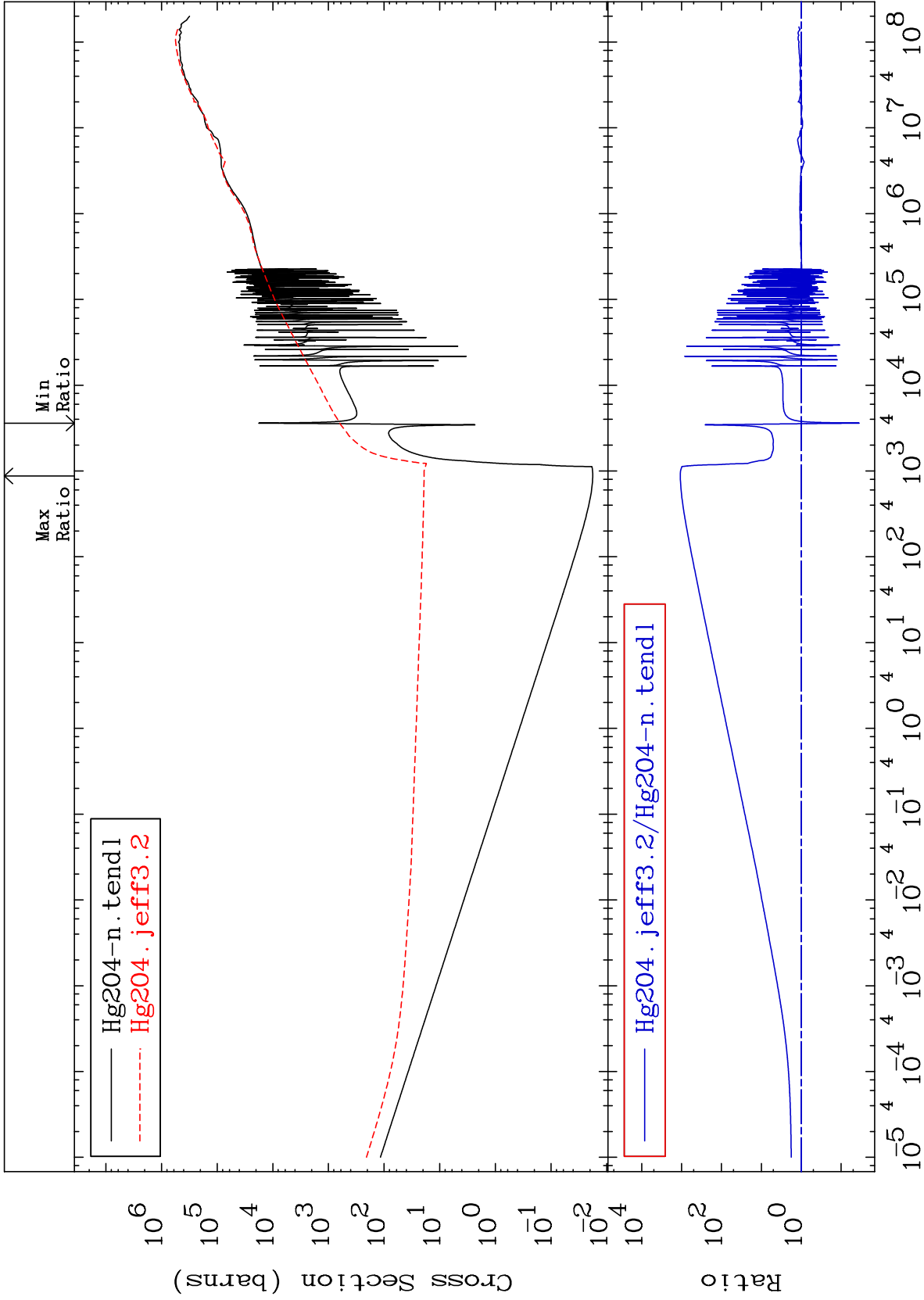
80-Hg-204

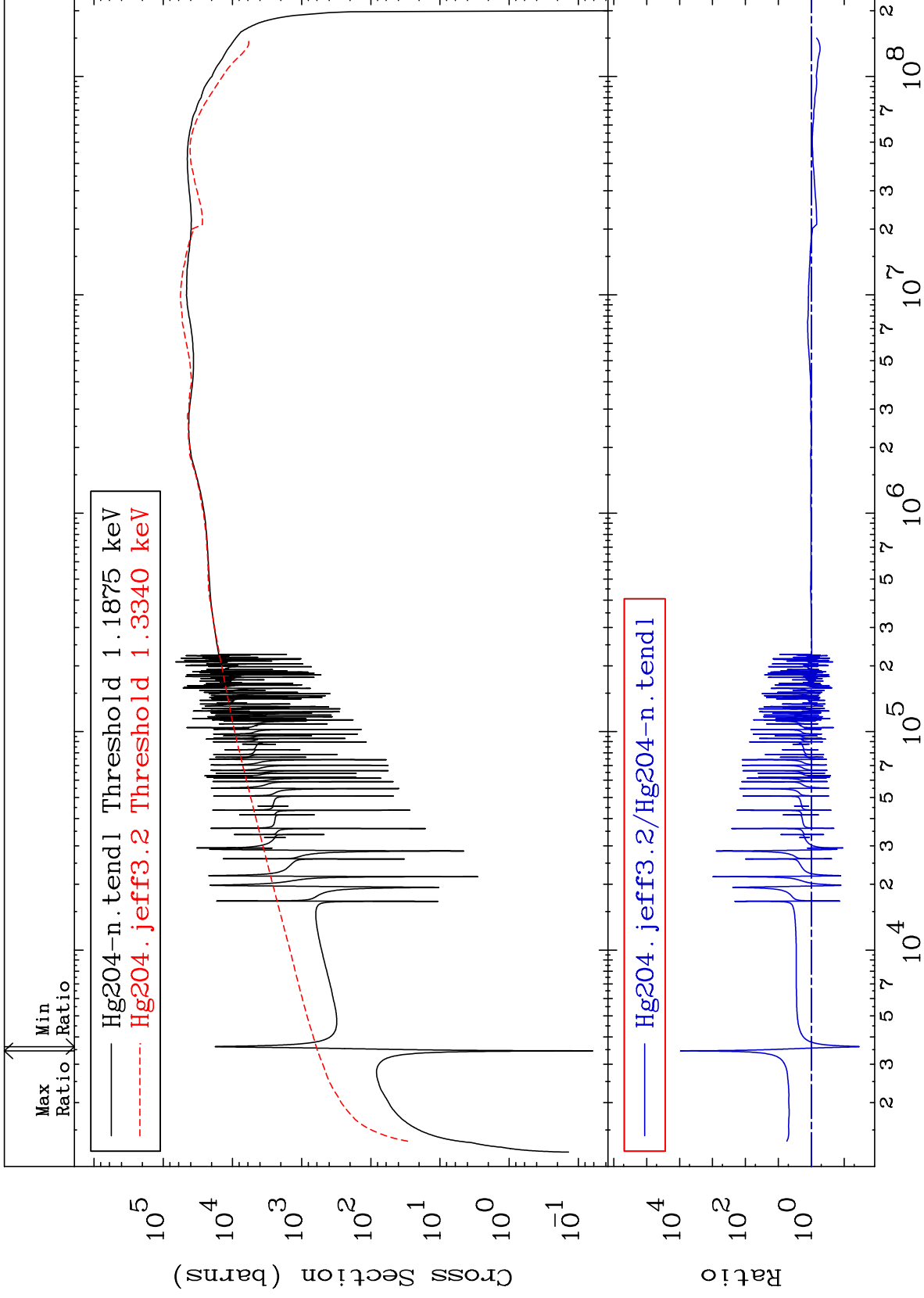


MAT 8049

Dpa total (eV-barns)  
Cross Section

80-Hg-204  
-96.53 To 9999. %

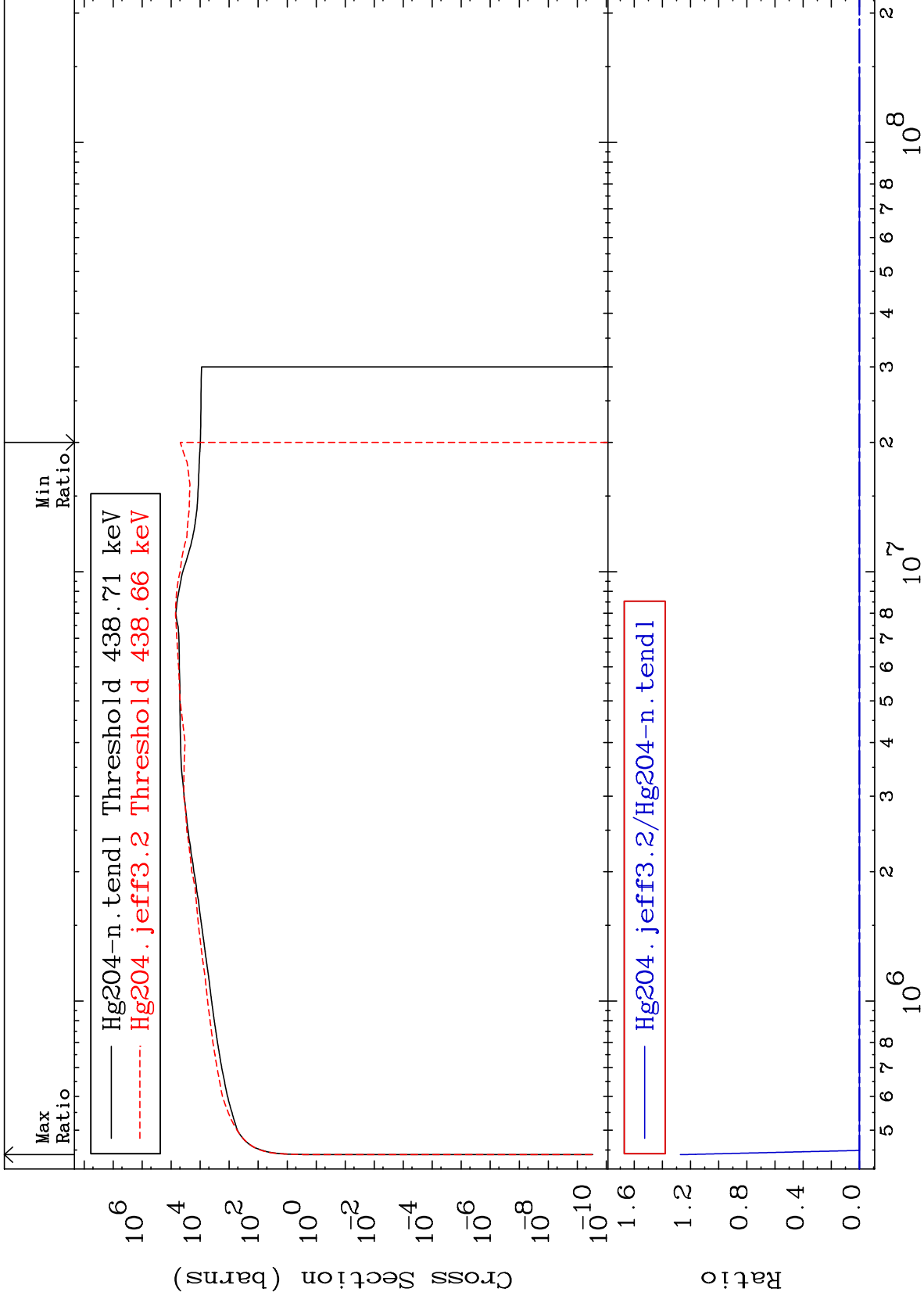




MAT 8049

Dpa inelastic (mt51-91)  
Cross Section

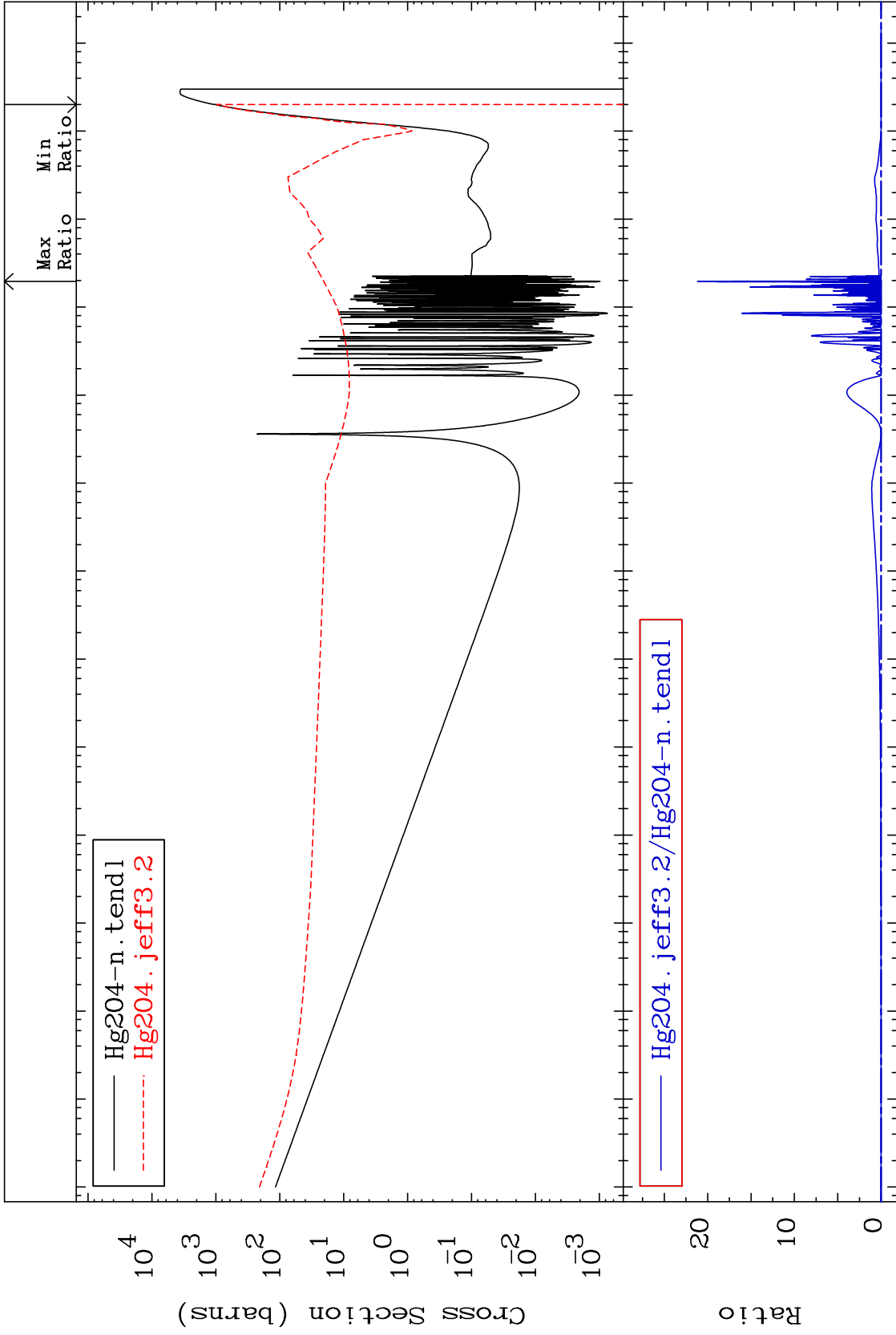
80-Hg-204  
-100.0 To 9999. %



MAT 8049

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-204  
-100.0 To 9999. %



Hg204.jeff3.2/Hg204-n.tendl

