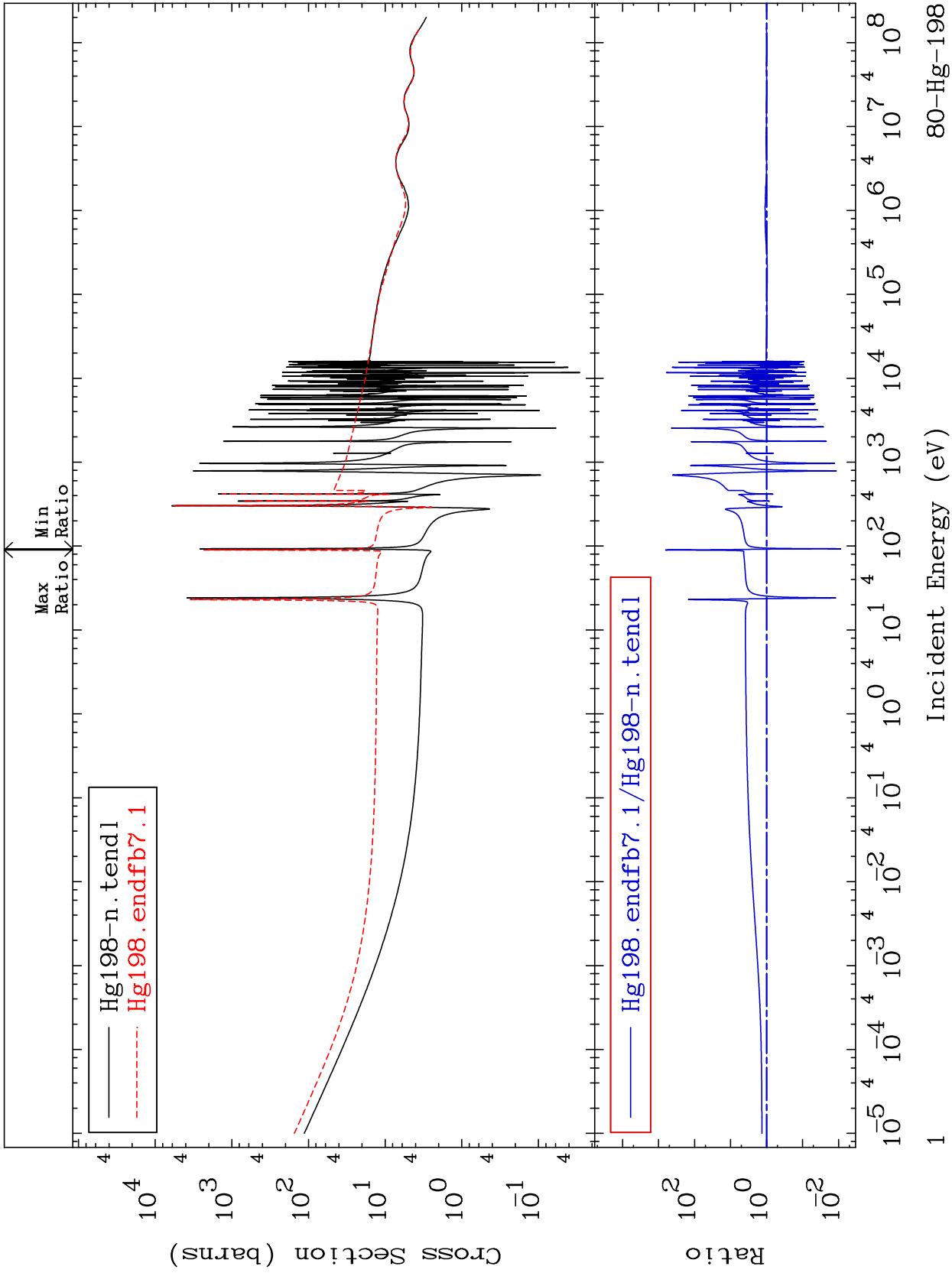


MAT 8031

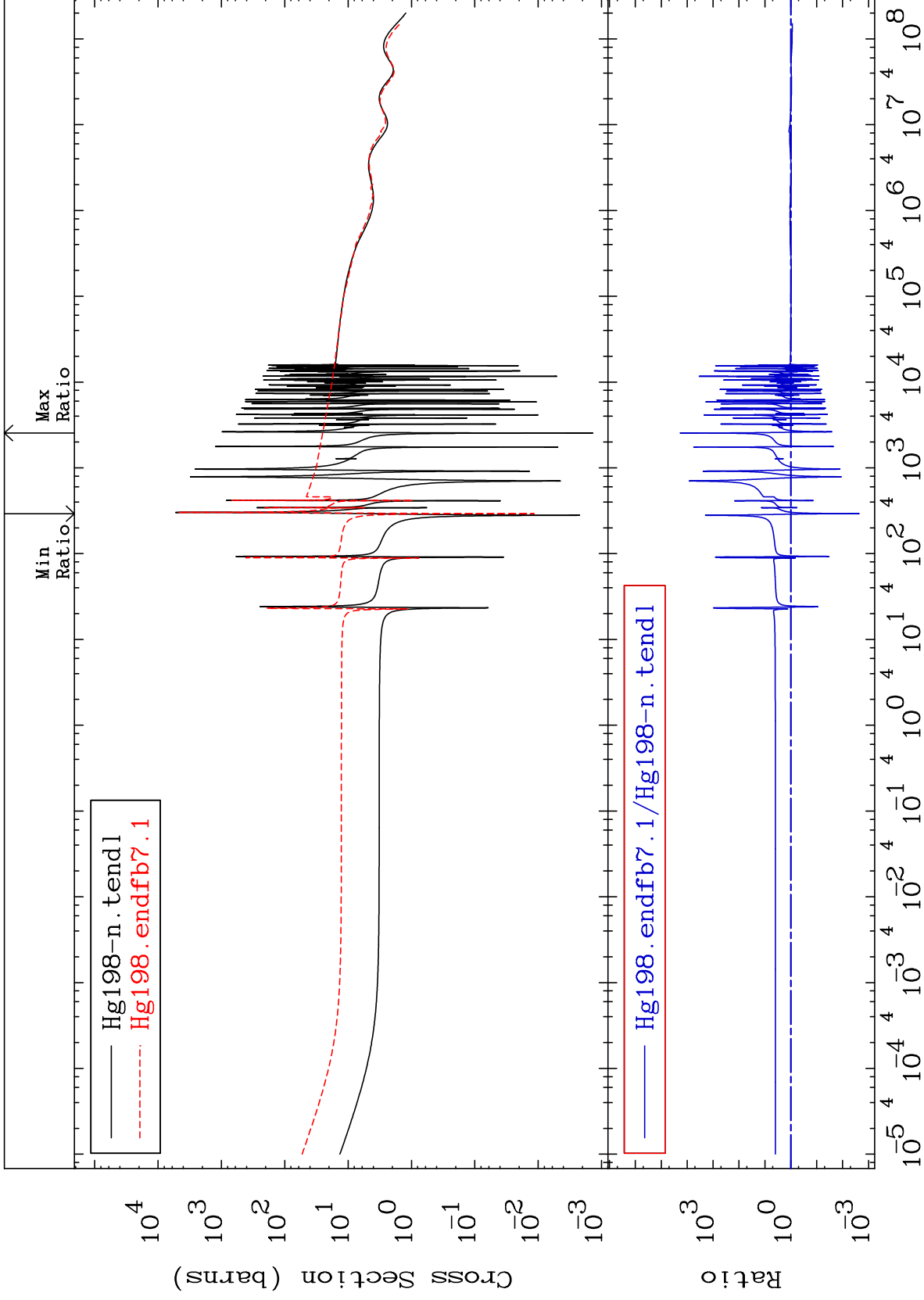
Total Cross Section  
80-Hg-198  
-99.13 To 9999. %



MAT 8031

Elastic  
Cross Section

80-Hg-198  
-99.78 To 9999. %



Incident Energy (eV)

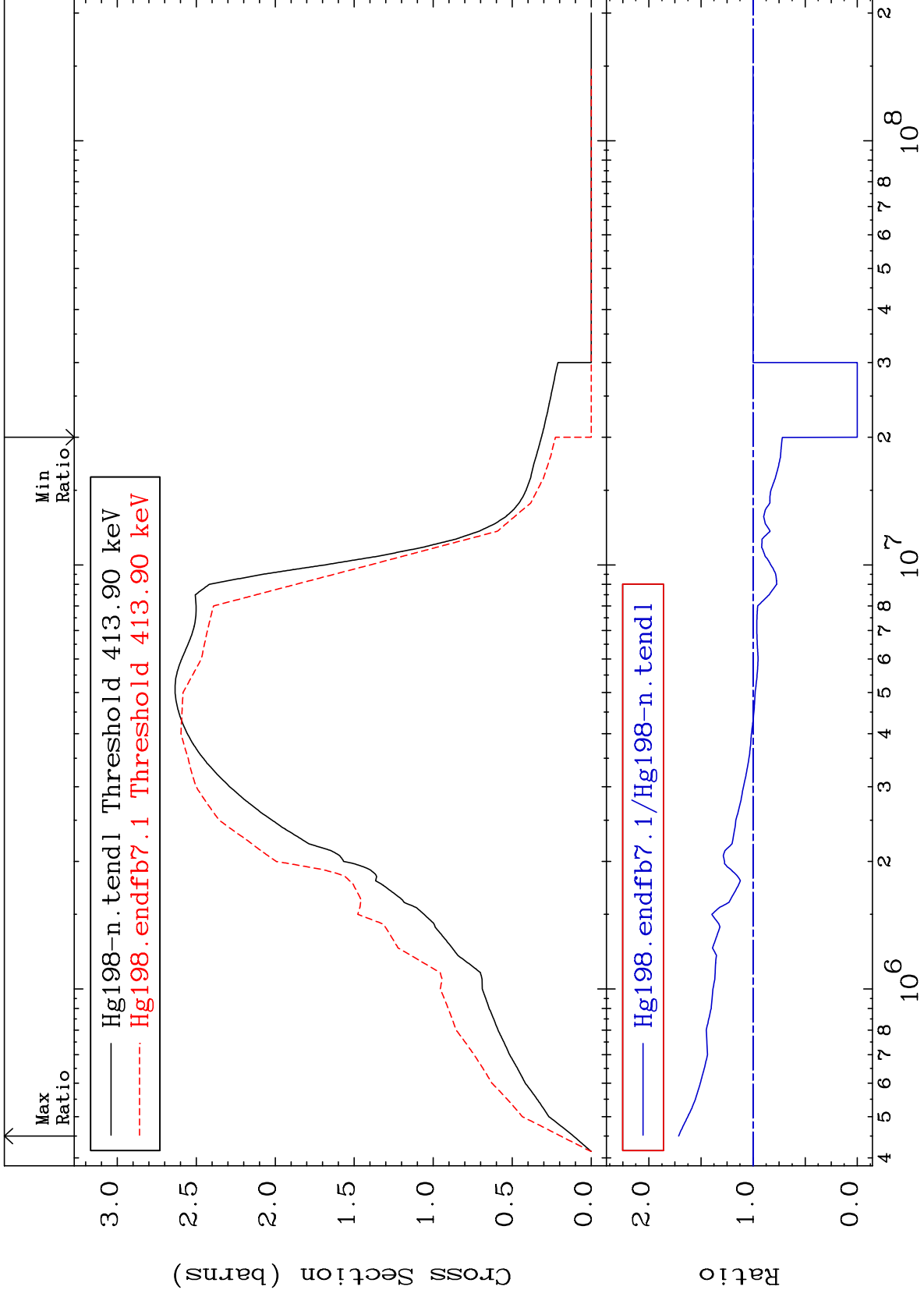
80-Hg-198

2

MAT 8031

Inelastic  
Cross Section

80-Hg-198  
-100.0 To 71.43 %



3

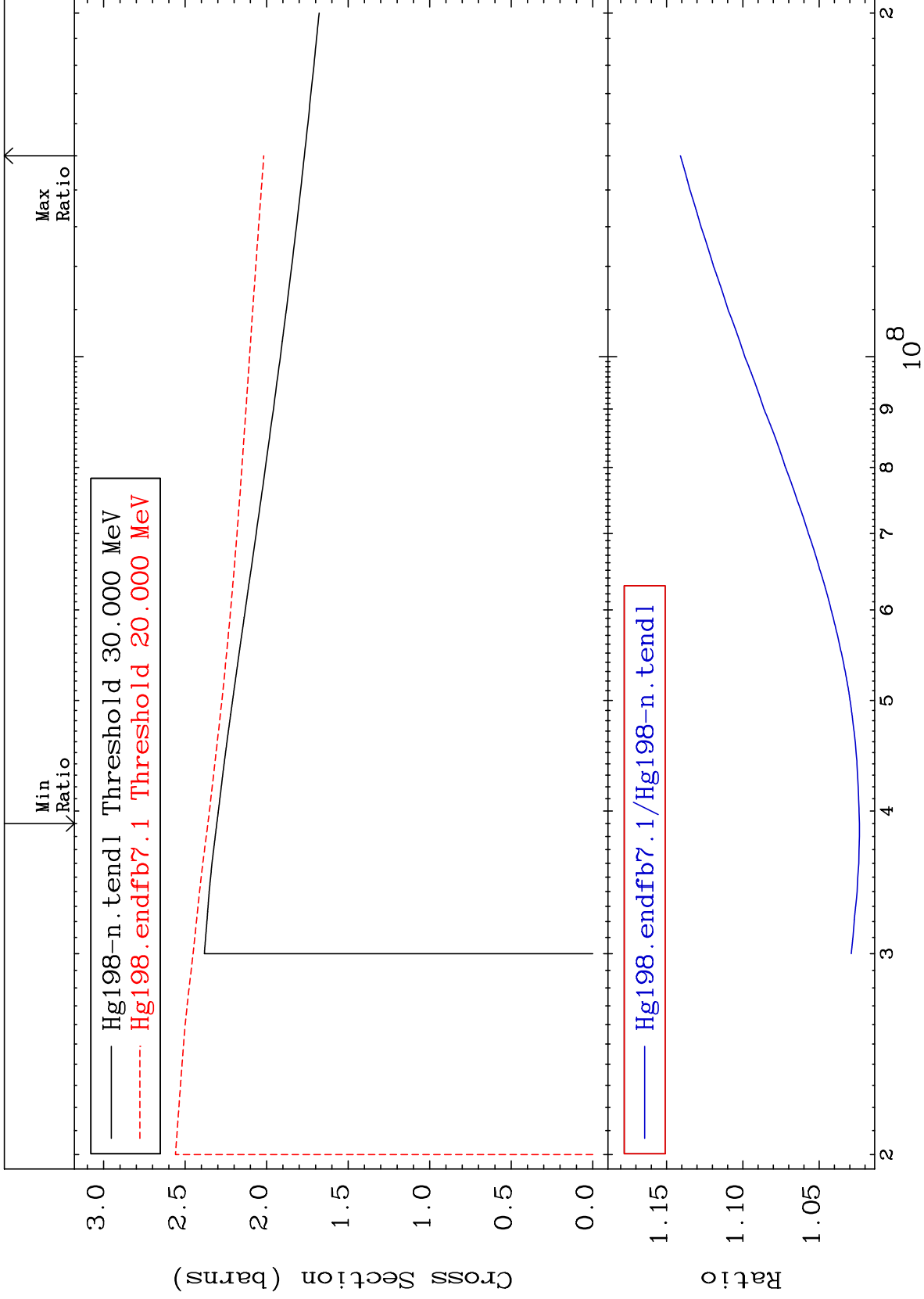
Incident Energy (eV)

80-Hg-198

MAT 8031

(n, remainder)  
Cross Section

80-Hg-198  
To 14.09 %  
2.365



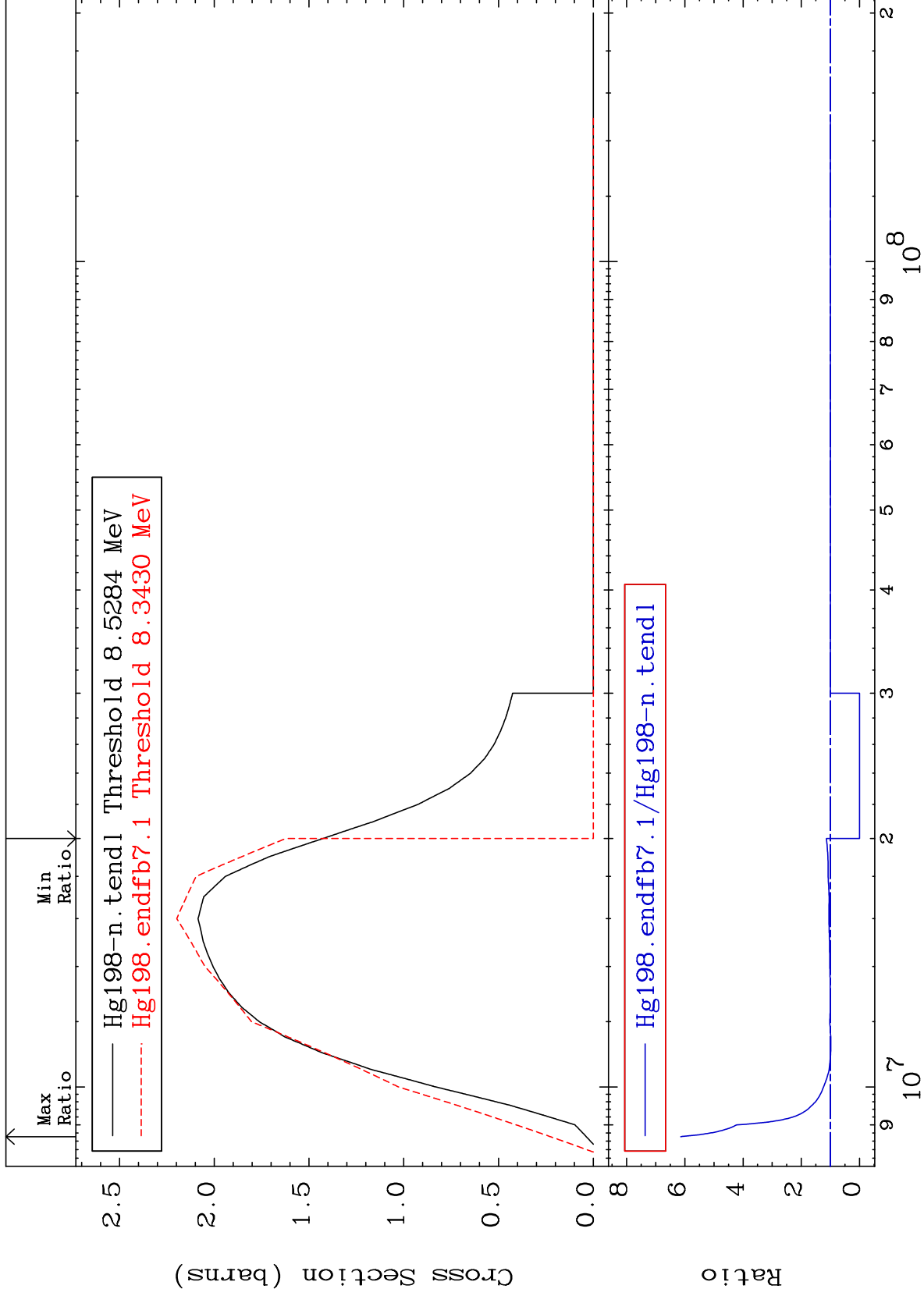
MAT 8031

(n,2n)

80-Hg-198

Cross Section

-100.0 To 514.0 %



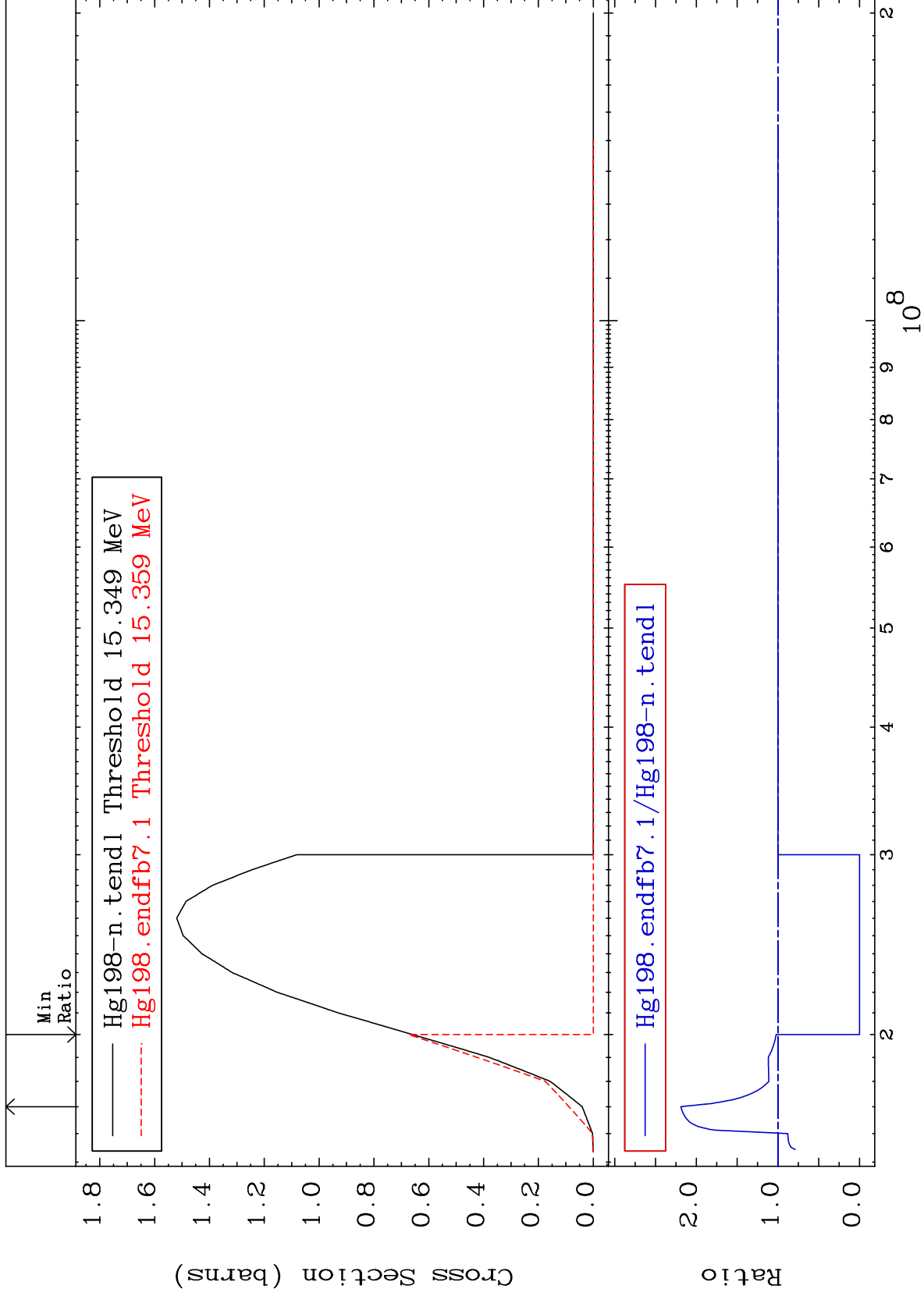
MAT 8031

(n,3n)

80-Hg-198

Cross Section

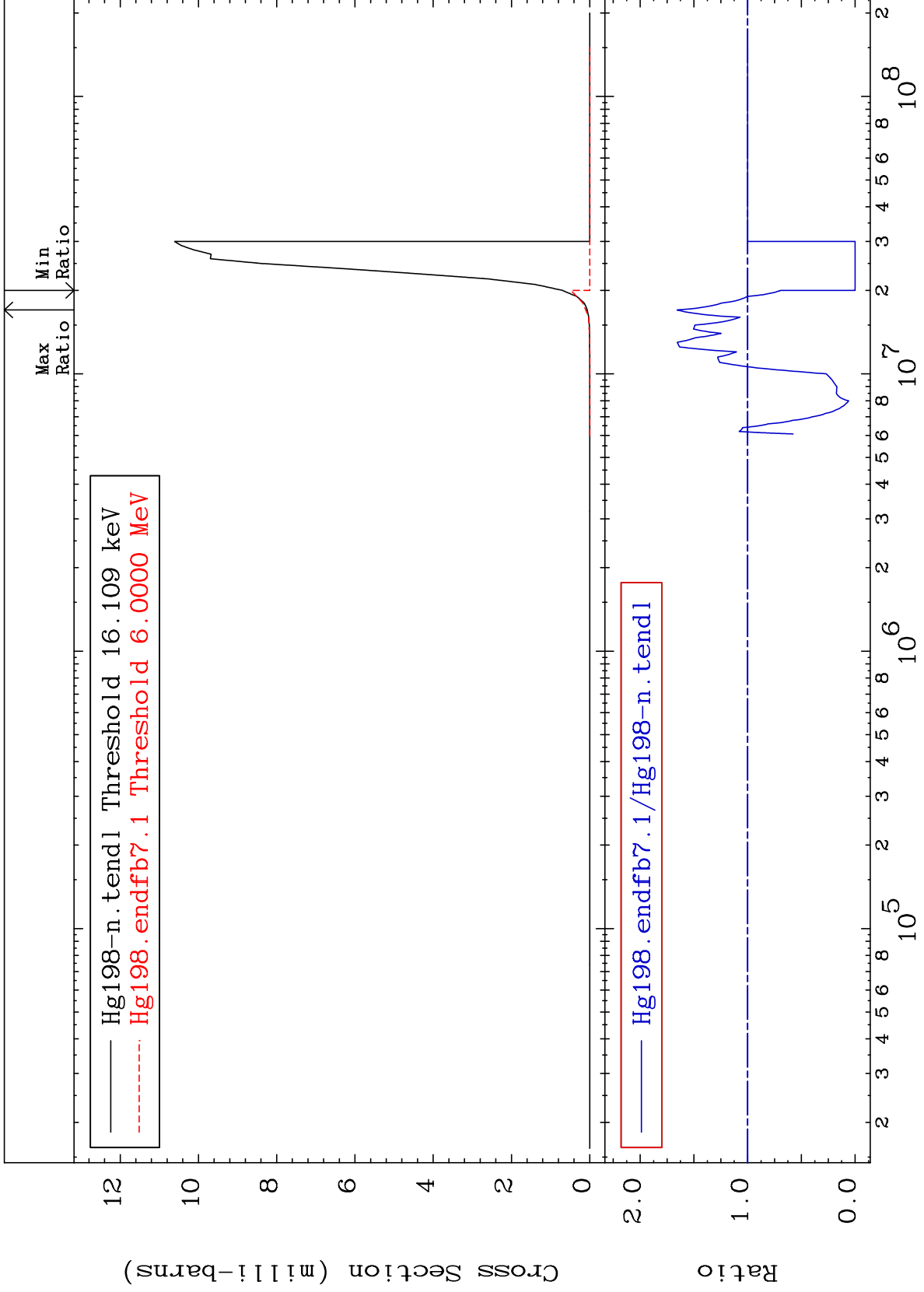
-100.0 To 119.1 %



MAT 8031

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

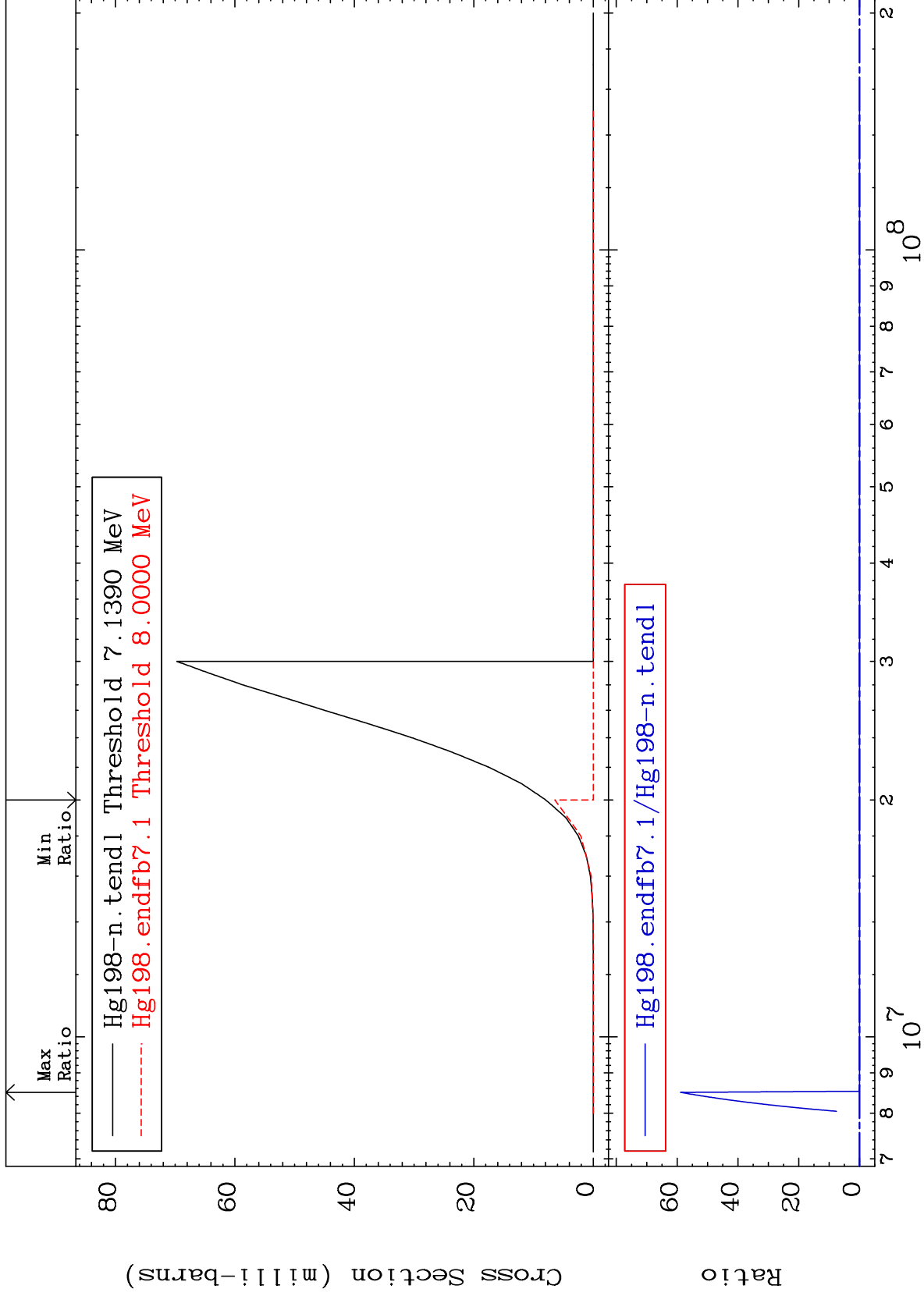
80-Hg-198  
-100.0 To 65.79 %



MAT 8031

(n,n') p  
Cross Section

80-Hg-198  
-100.0 To 9999. %



8

Incident Energy (eV)

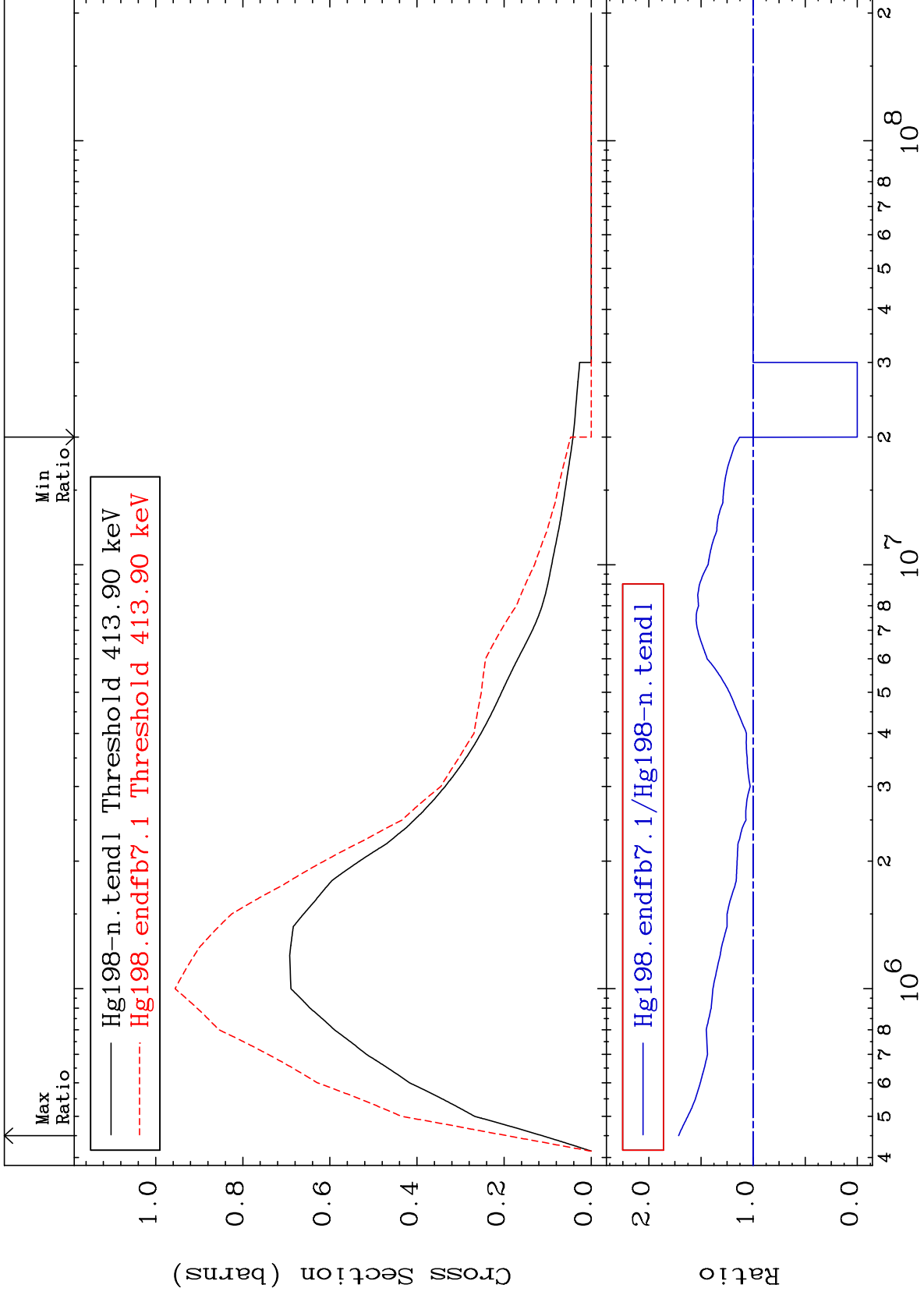
80-Hg-198



MAT 8031

411.8 keV (n,n') Level  
Cross Section

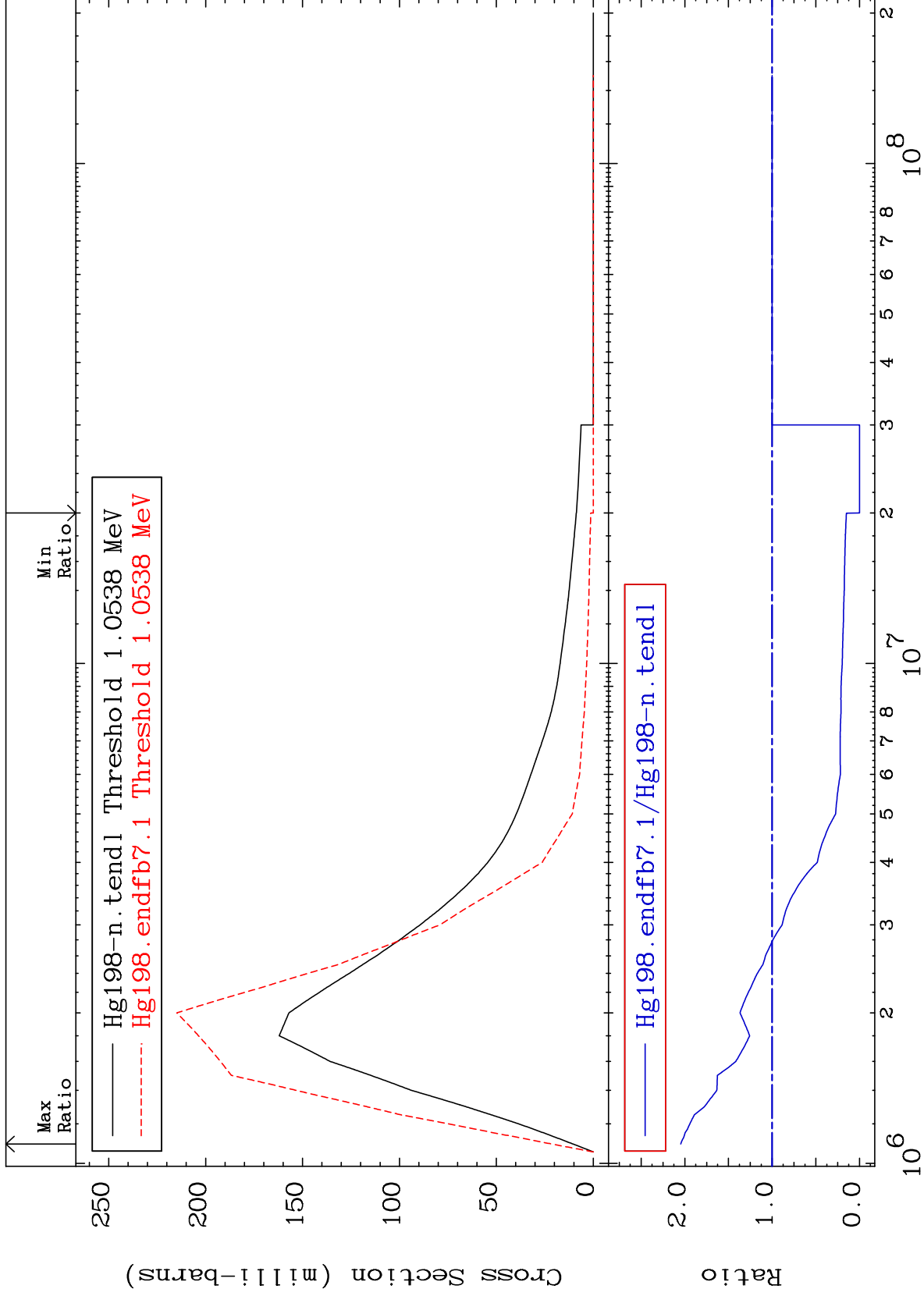
80-Hg-198  
-100.0 To 71.43 %



MAT 8031

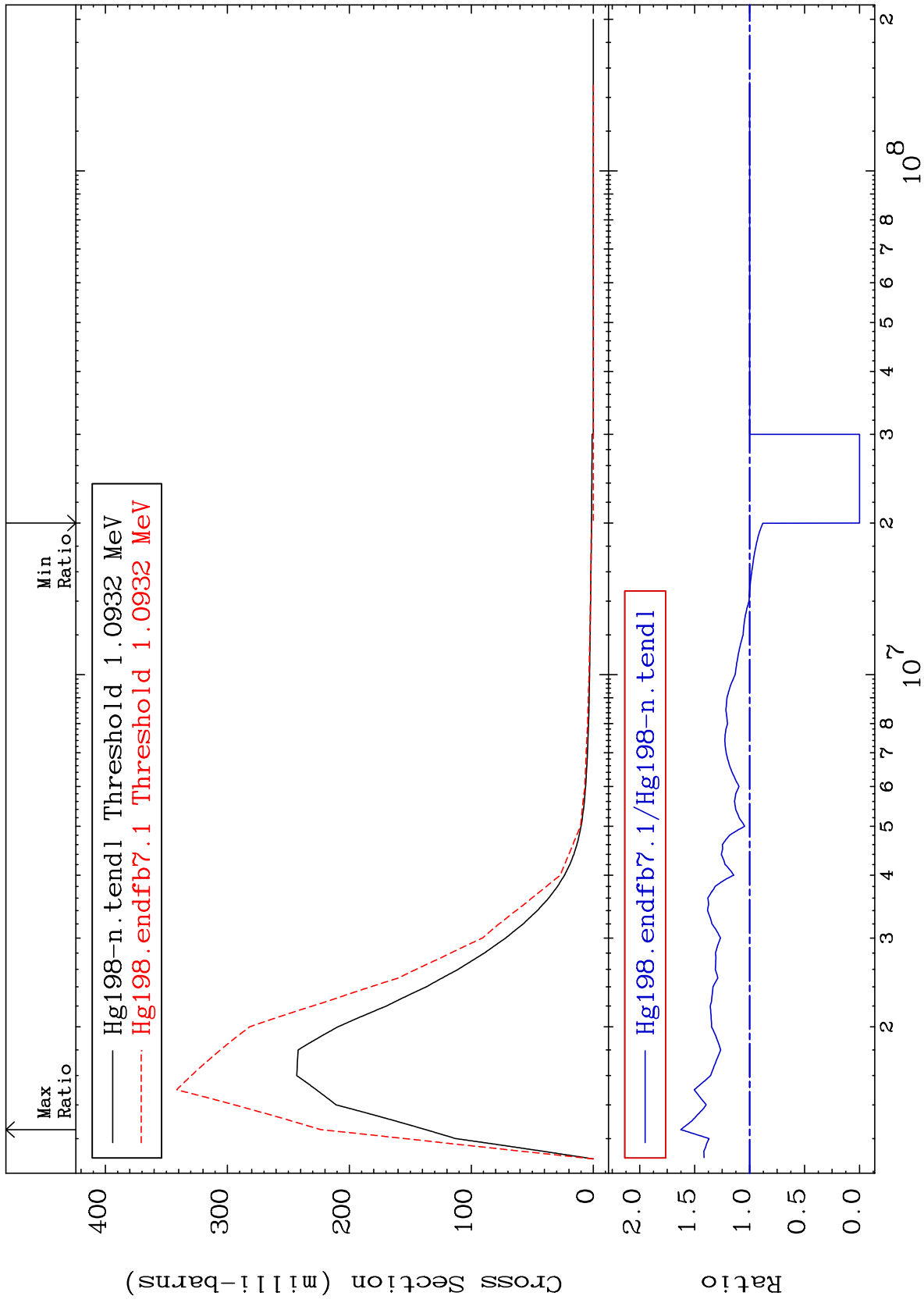
1.048 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 104.6 %



80-Hg-198

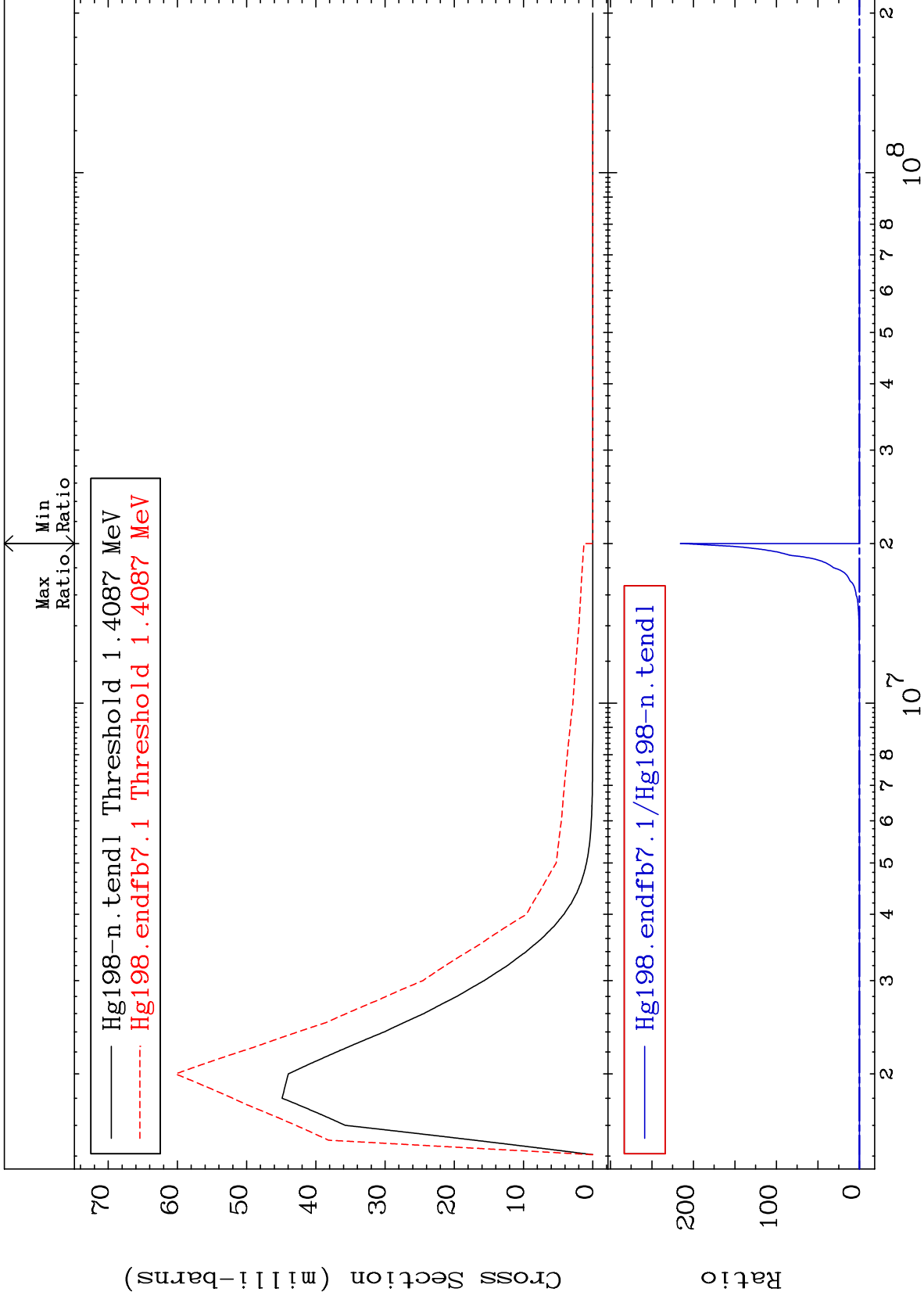
MAT 8031      1.088 MeV (n,n') Level      80-Hg-198  
 Cross Section      -100.0 To 62.64 %



MAT 8031

1.402 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 9999. %



12

Incident Energy (eV)

80-Hg-198

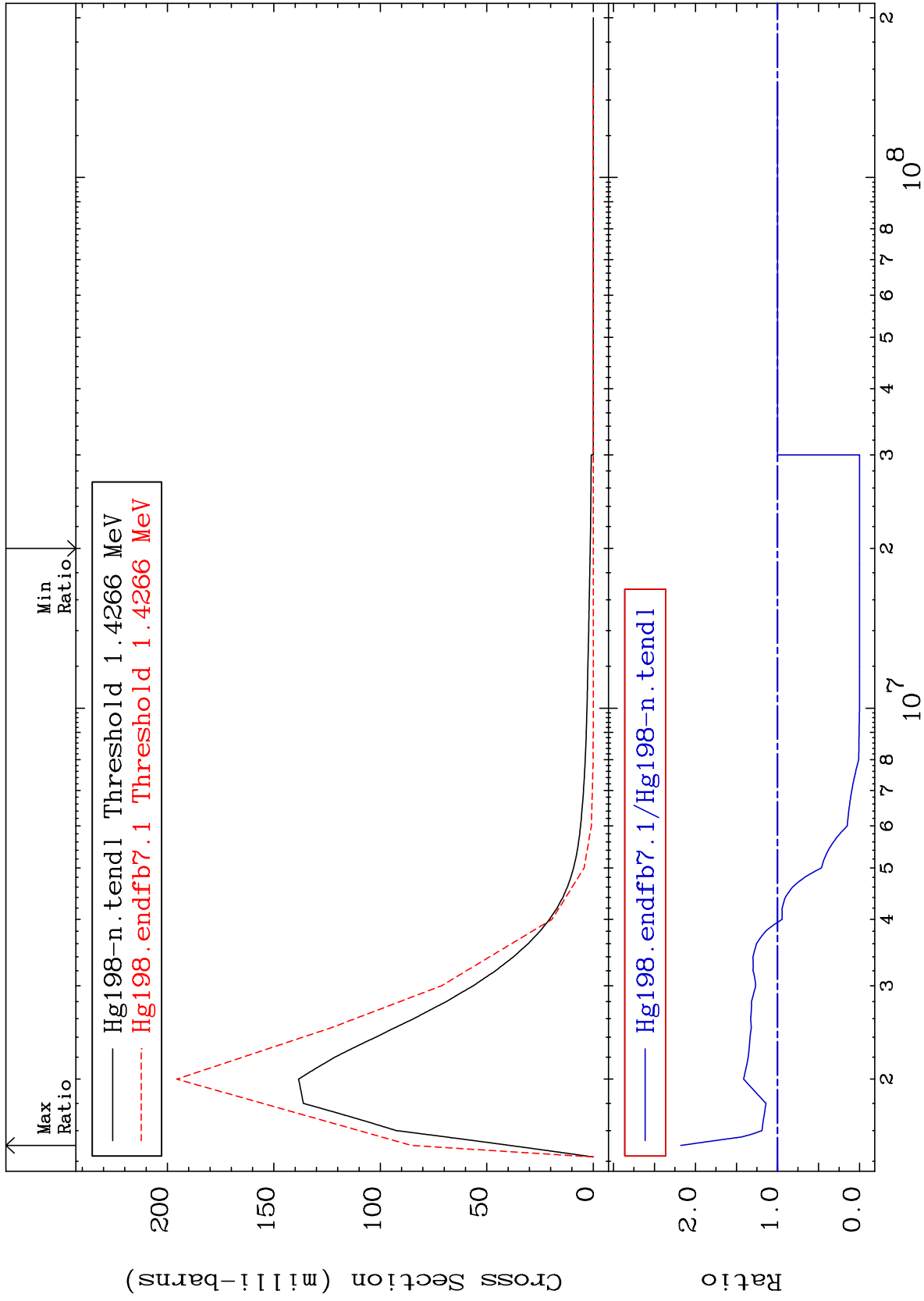
MAT 8031

1.419 MeV (n,n') Level

80-Hg-198

-100.0 To 117.9 %

Cross Section



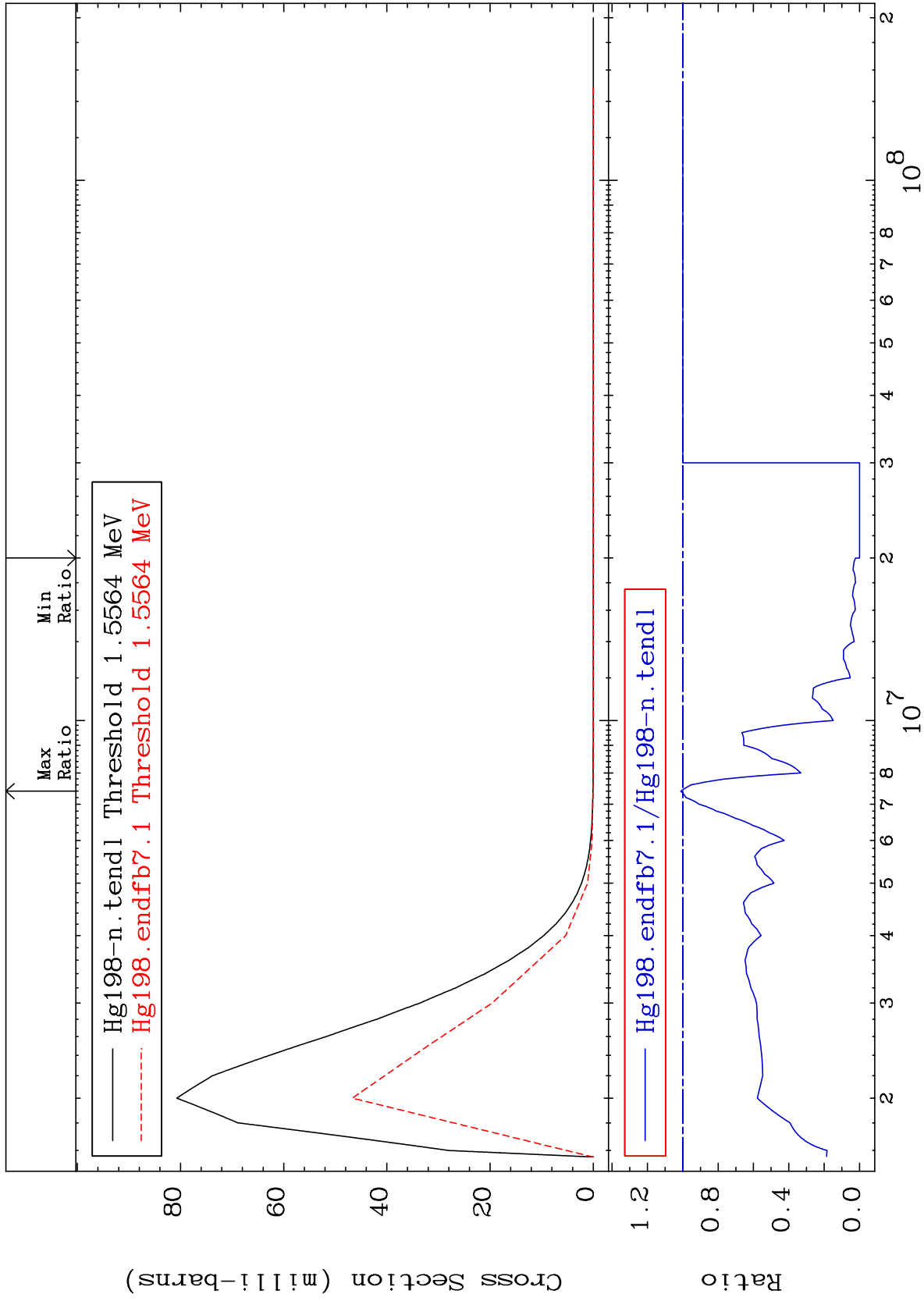
MAT 8031

1.548 MeV (n,n') Level

80-Hg-198

-100.0 To 1.130 %

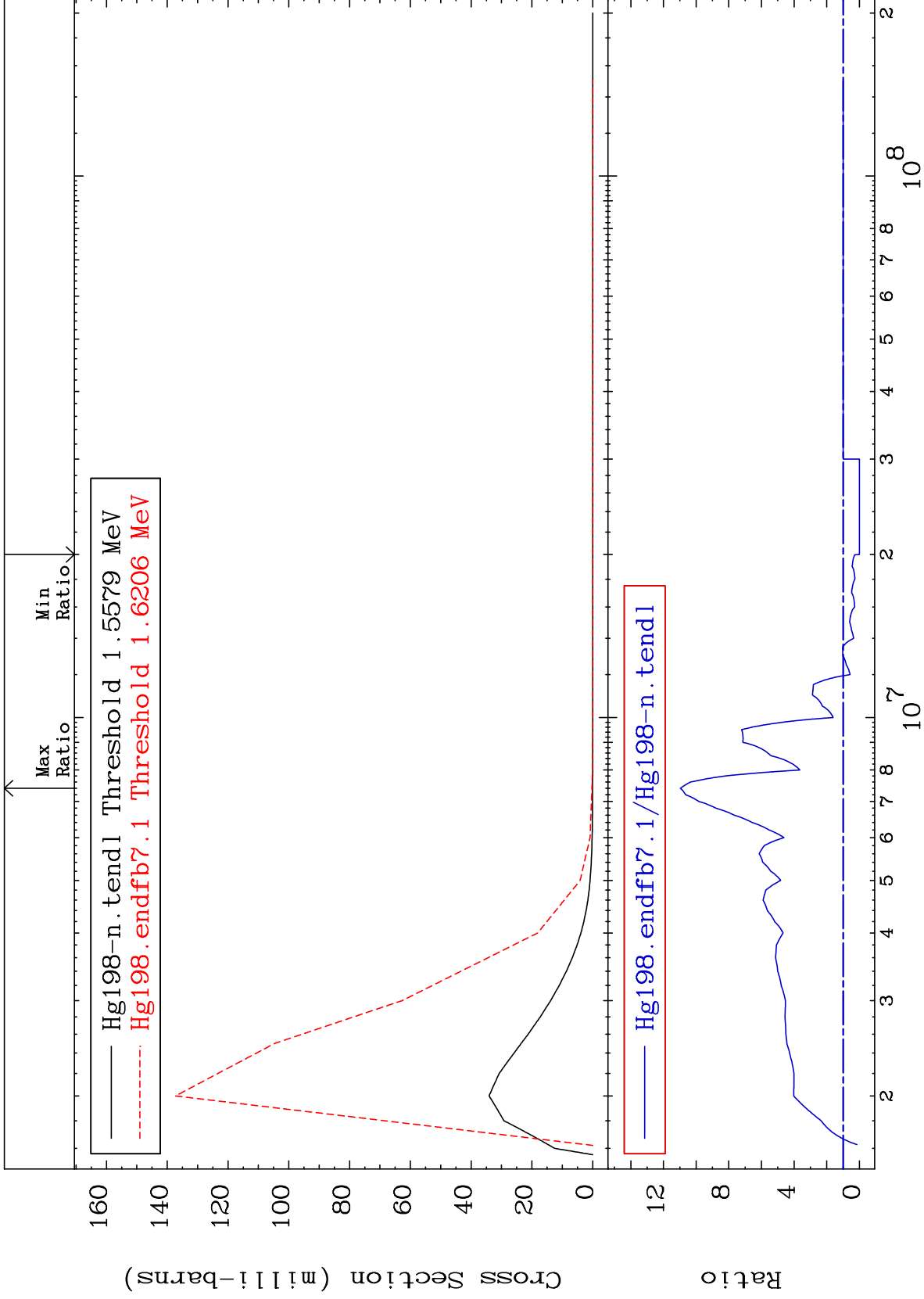
Cross Section



MAT 8031

1.550 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 996.5 %



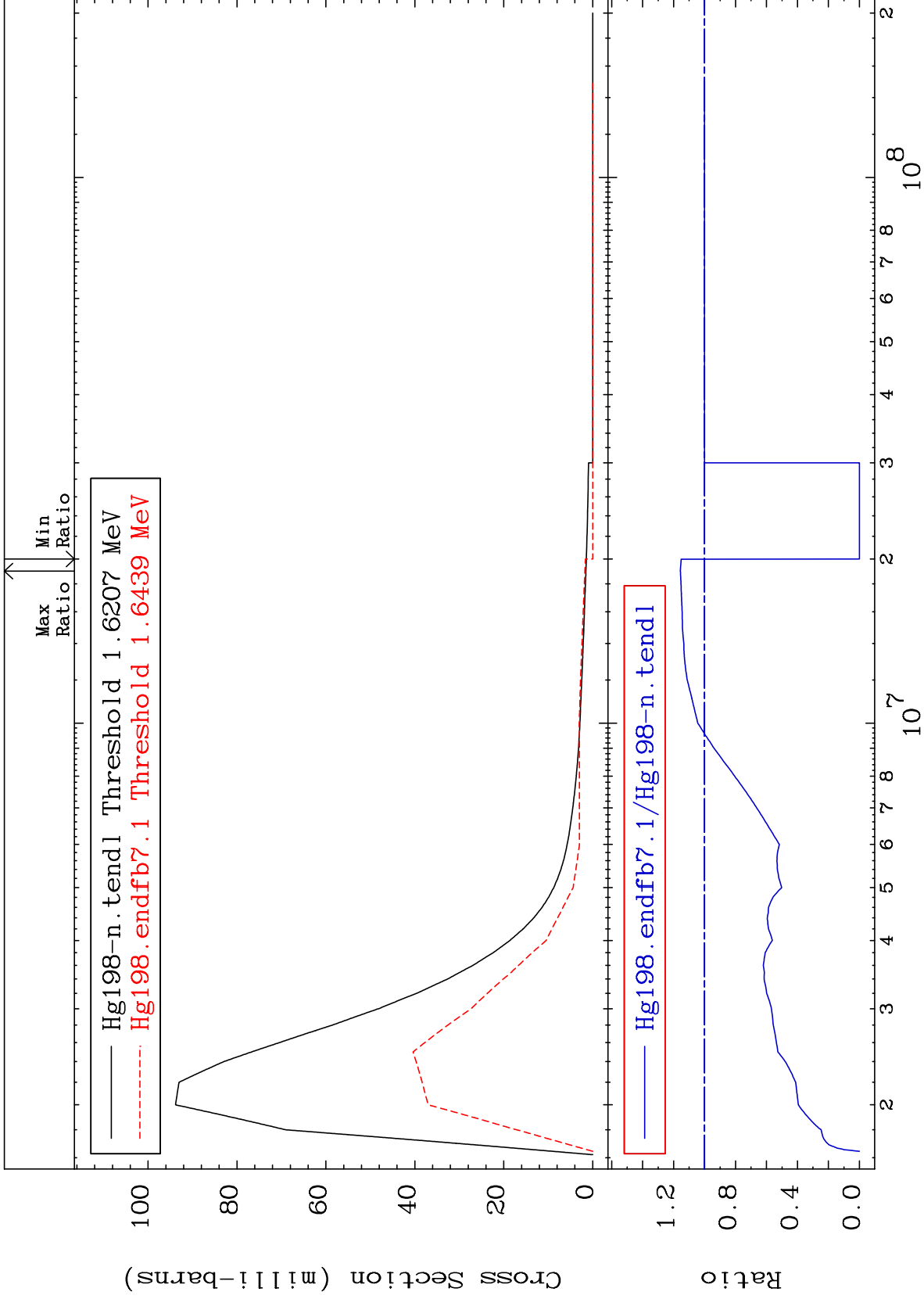
15

80-Hg-198

MAT 8031

1.612 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 15.64 %

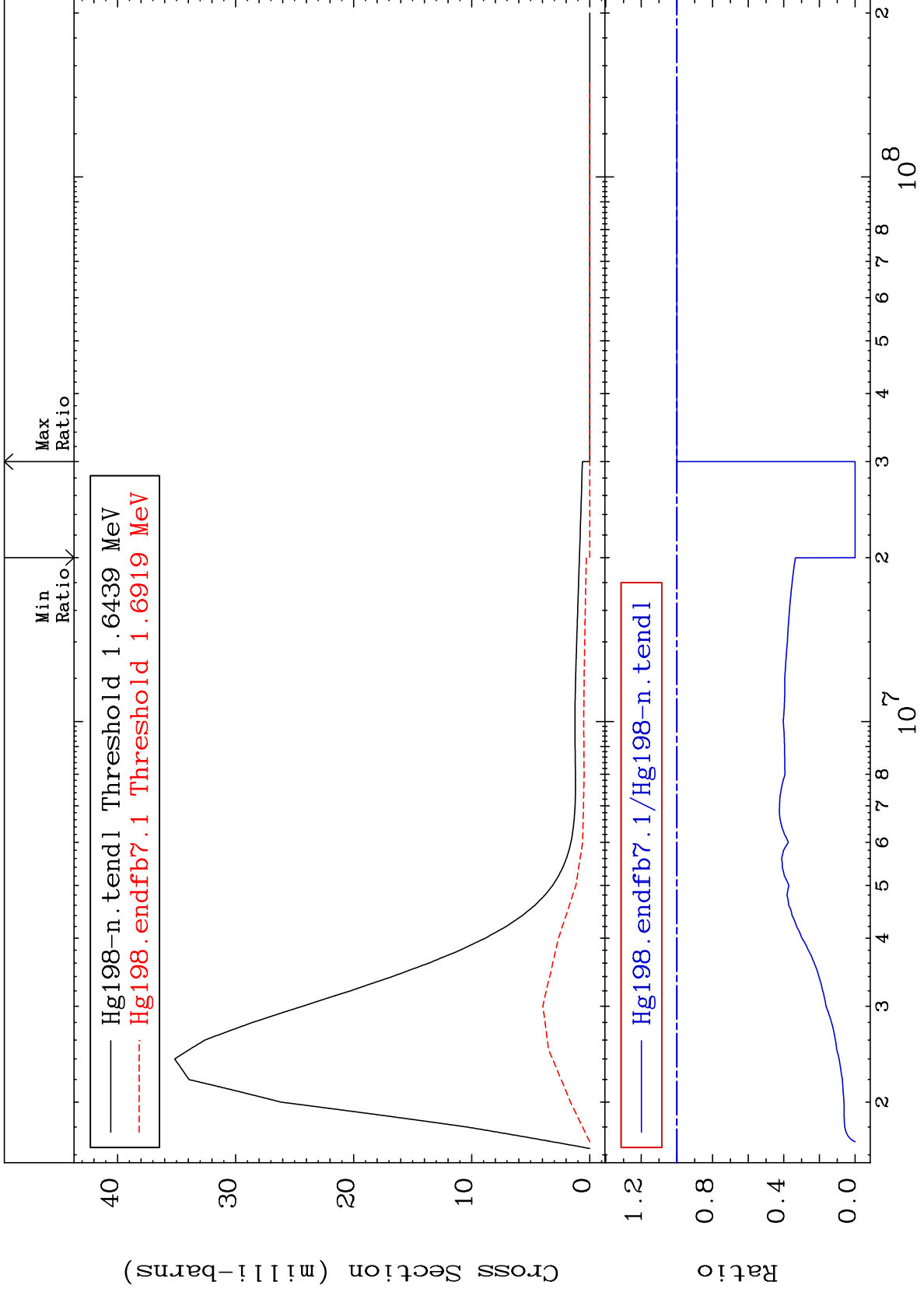




MAT 8031

1.636 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 0.000 %



17

Incident Energy (eV)

80-Hg-198

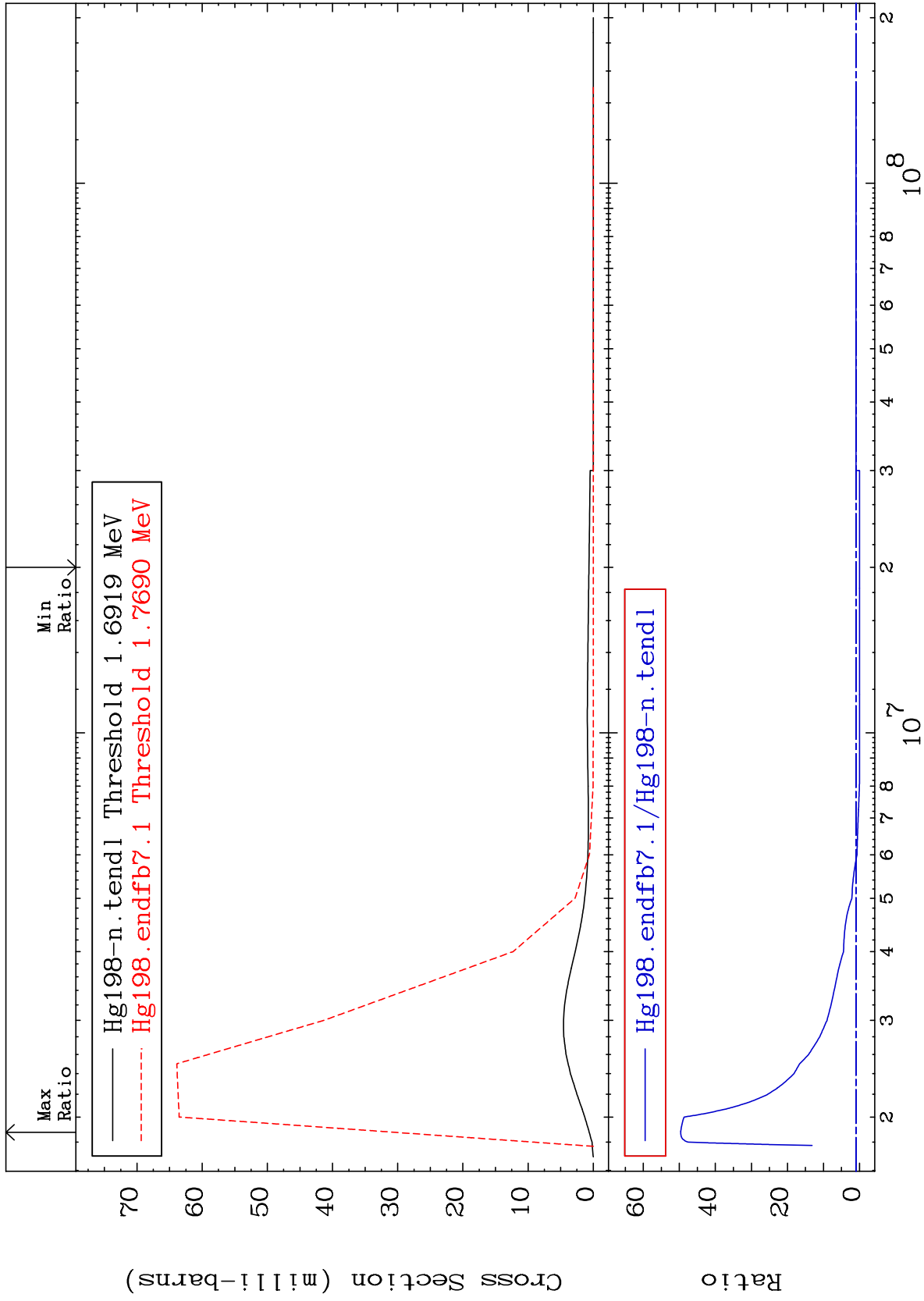
MAT 8031

1.683 MeV (n,n') Level

80-Hg-198

-100.0 To 4860. %

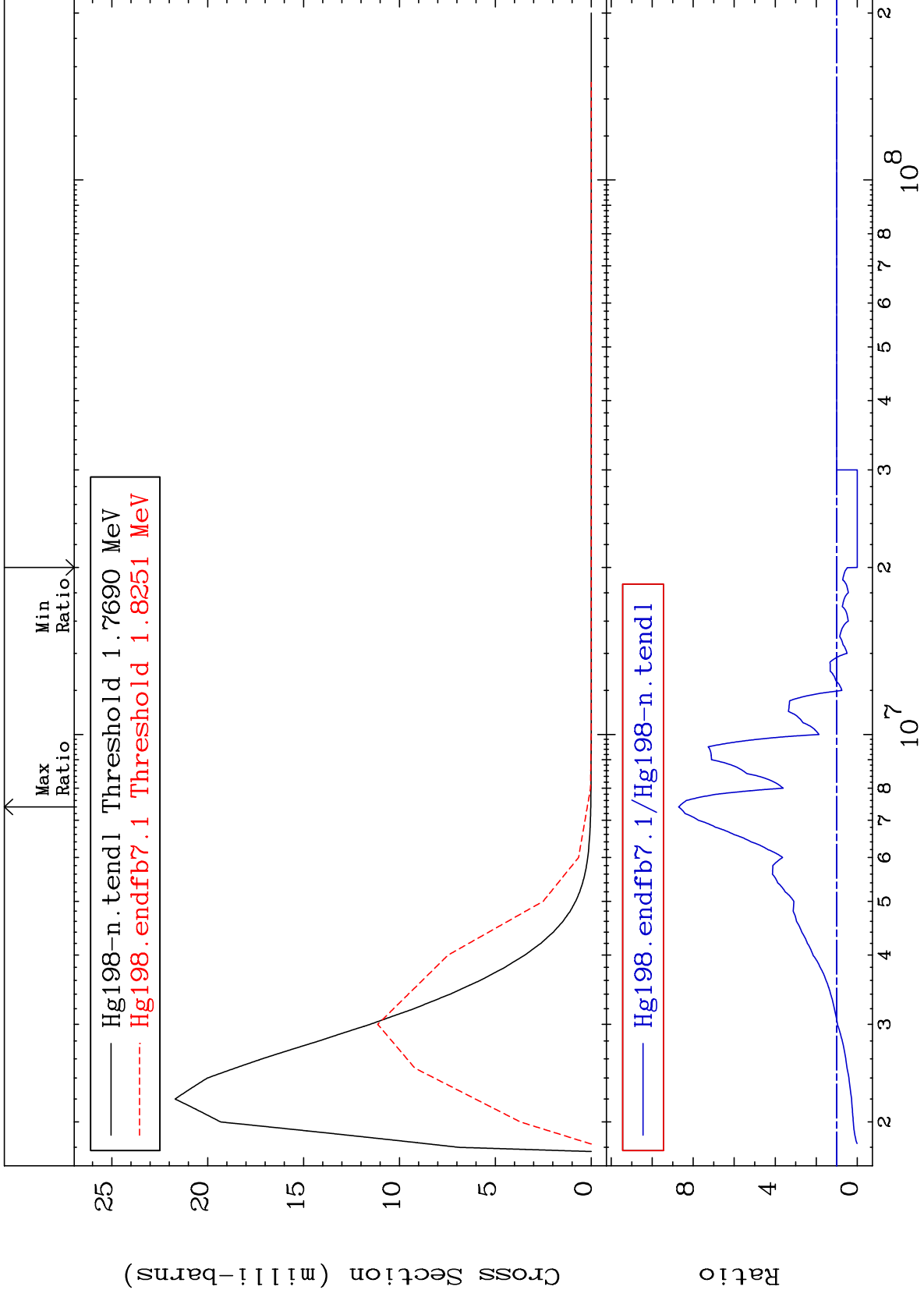
Cross Section



MAT 8031

1.760 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 771.1 %



19

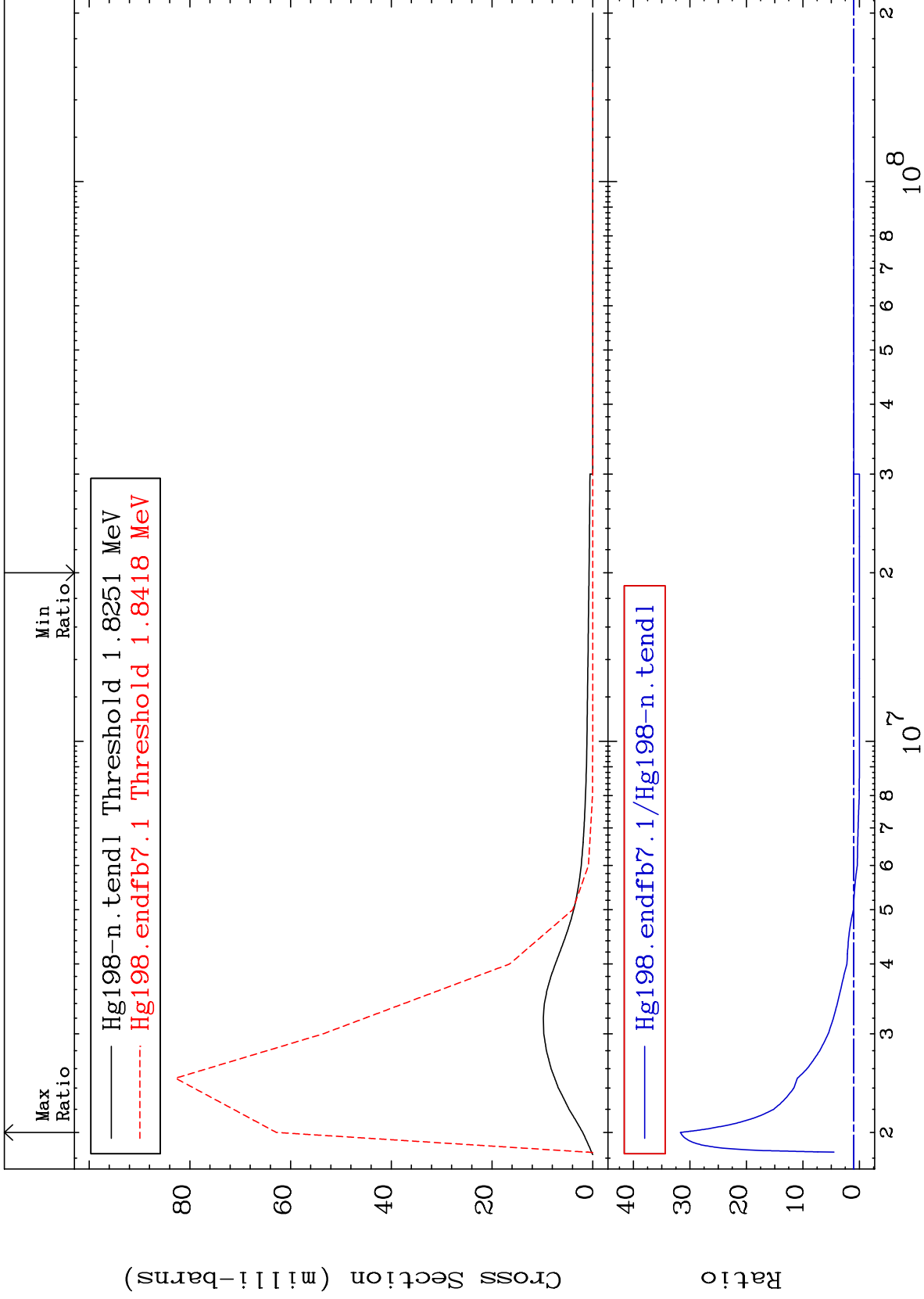
Incident Energy (eV)

80-Hg-198

MAT 8031

1.816 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 3070. %



20

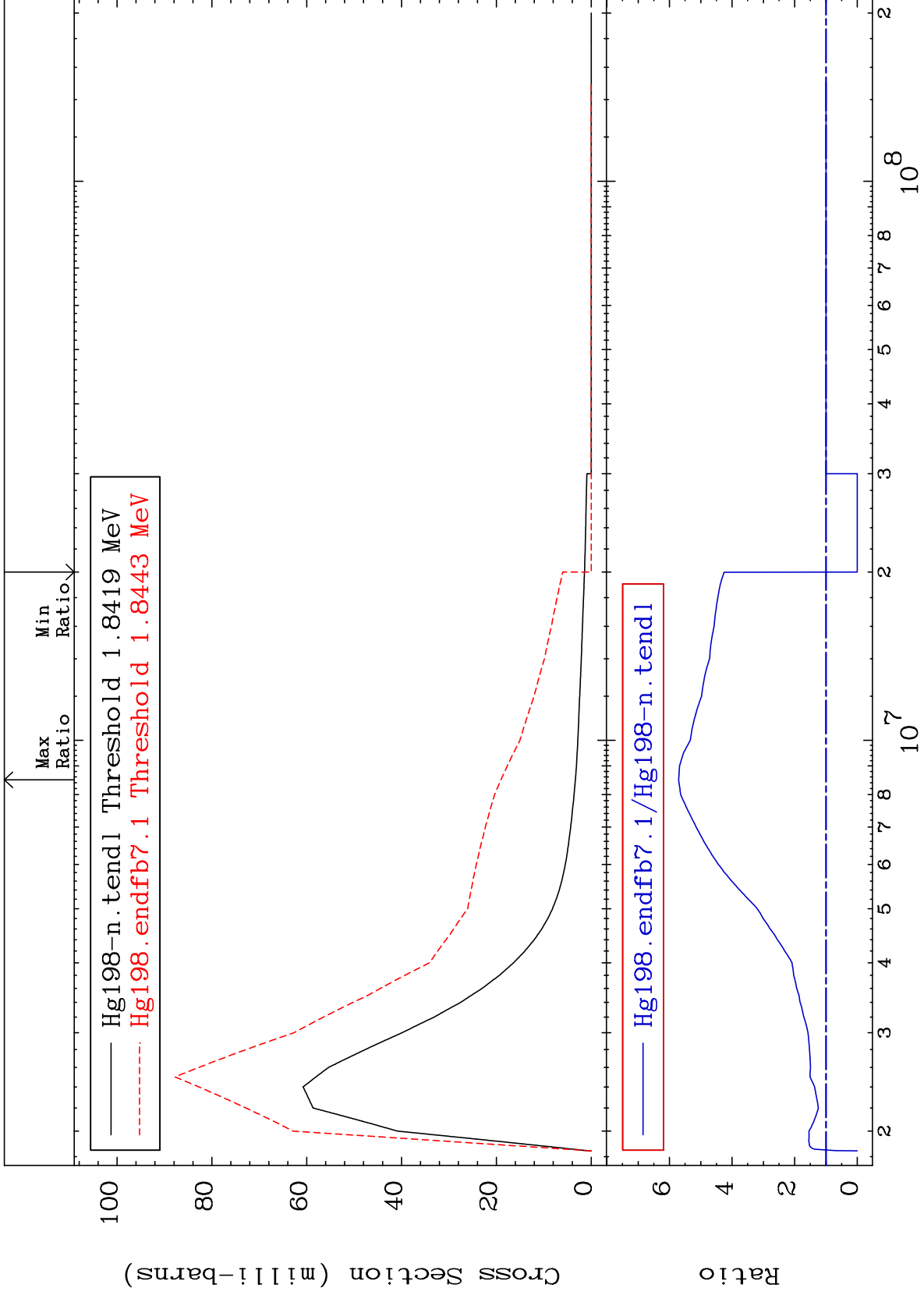
Incident Energy (eV)

80-Hg-198

MAT 8031

1.833 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 470.6 %



21

Incident Energy (eV)

80-Hg-198

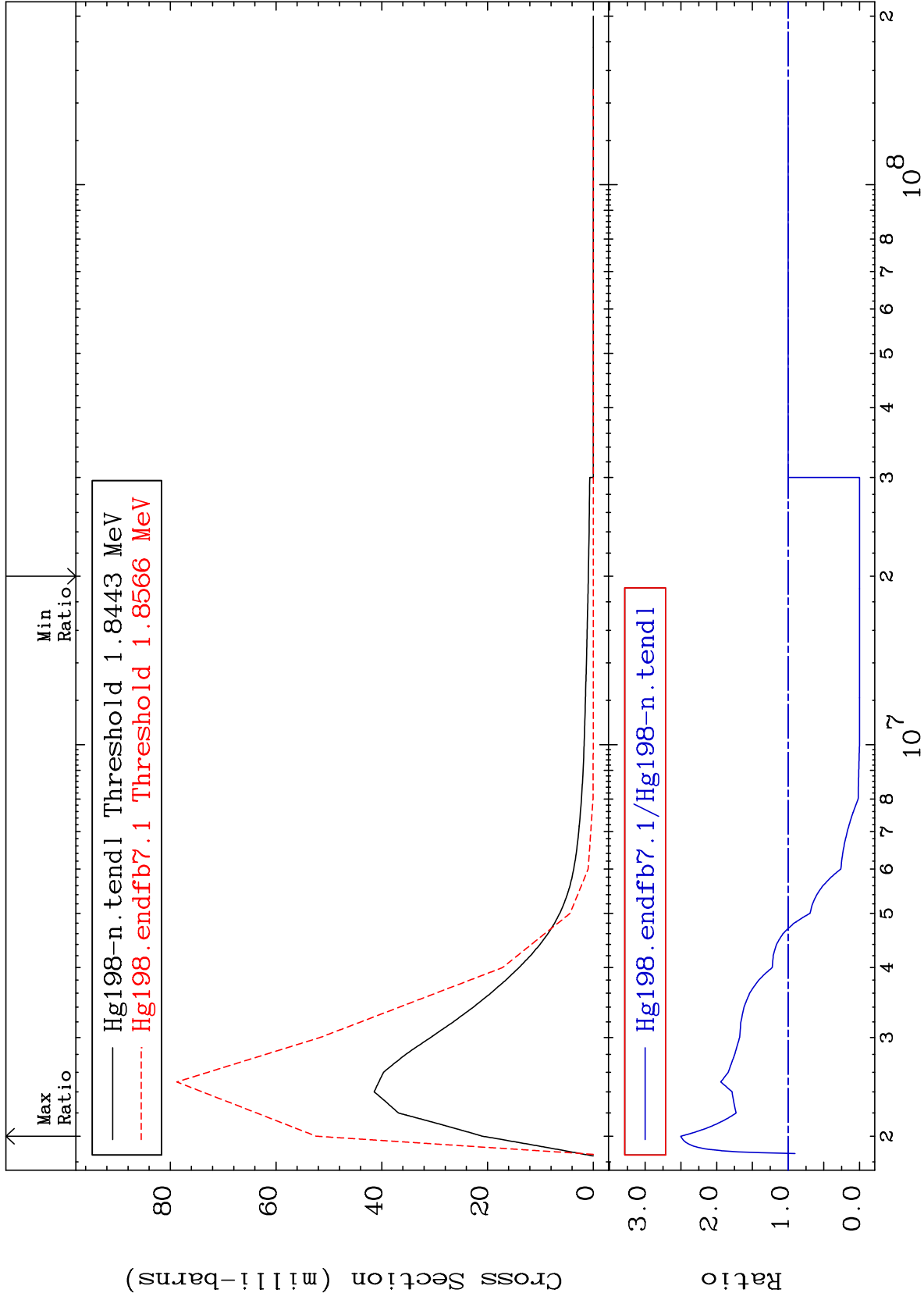
MAT 8031

1.835 MeV (n,n') Level

80-Hg-198

-100.0 To 150.2 %

Cross Section



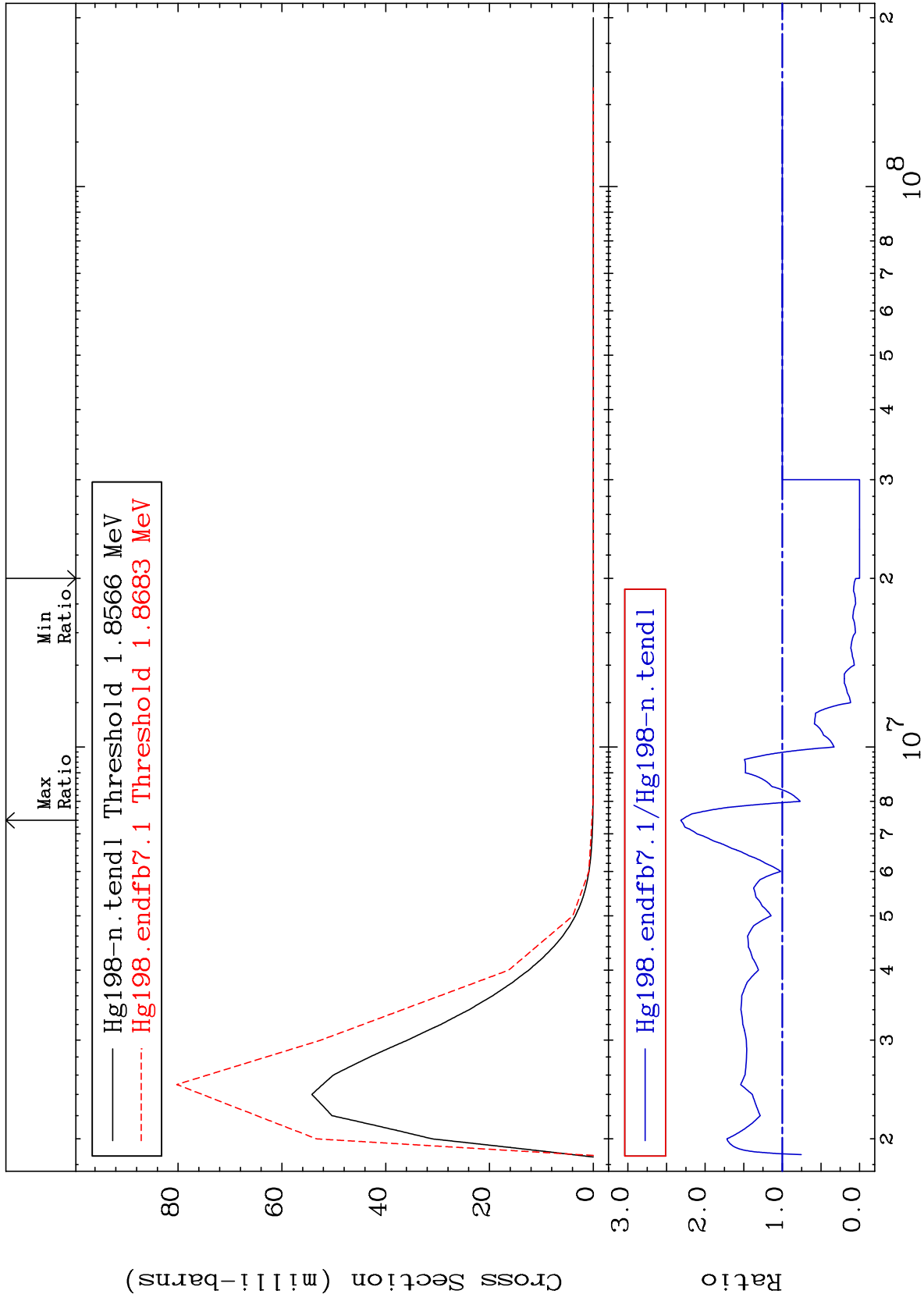
MAT 8031

1.847 MeV (n,n') Level

80-Hg-198

-100.0 To 131.5 %

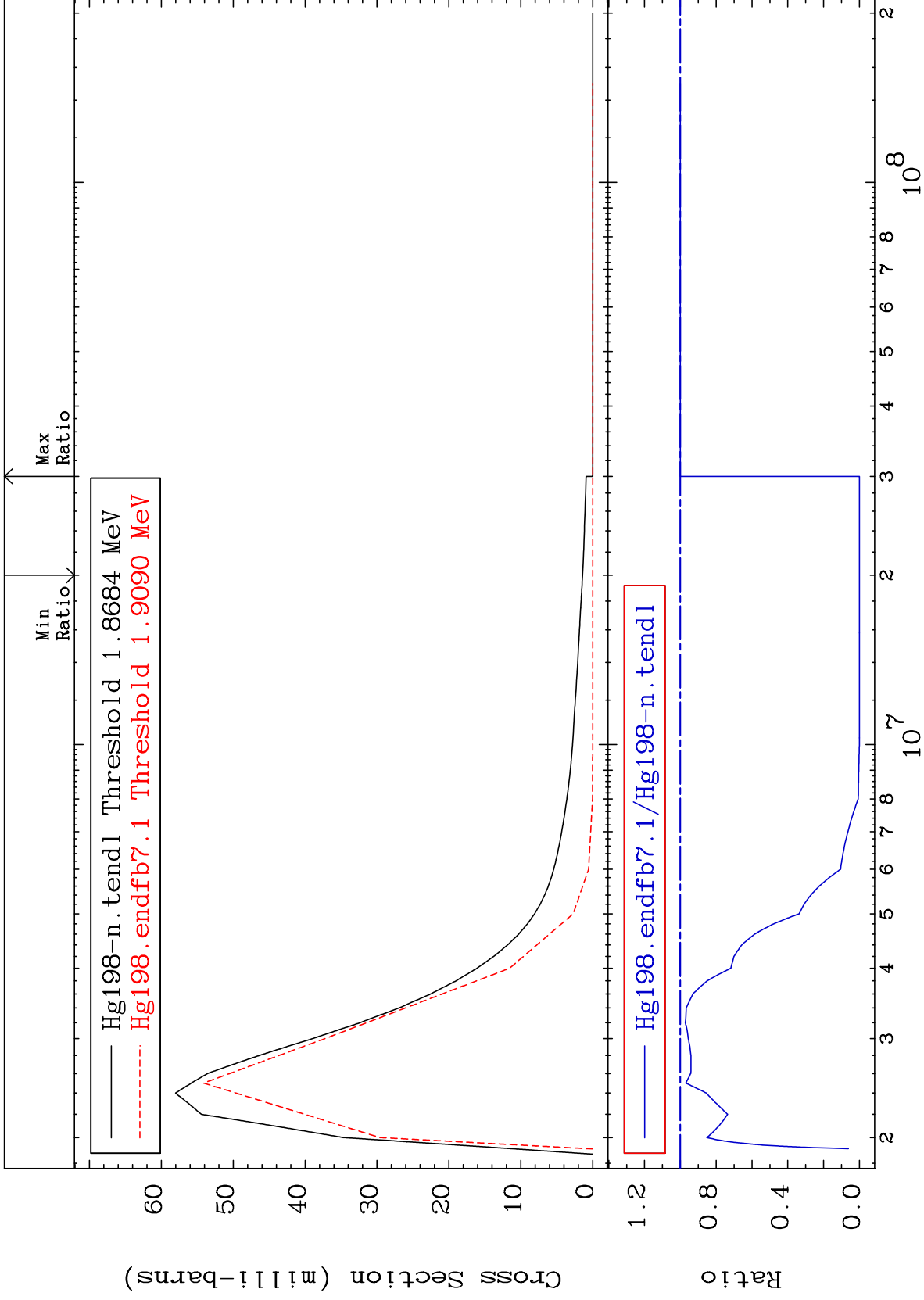
Cross Section



MAT 8031

1.859 MeV (n,n') Level  
Cross Section

80-Hg-198  
-100.0 To 0.000 %

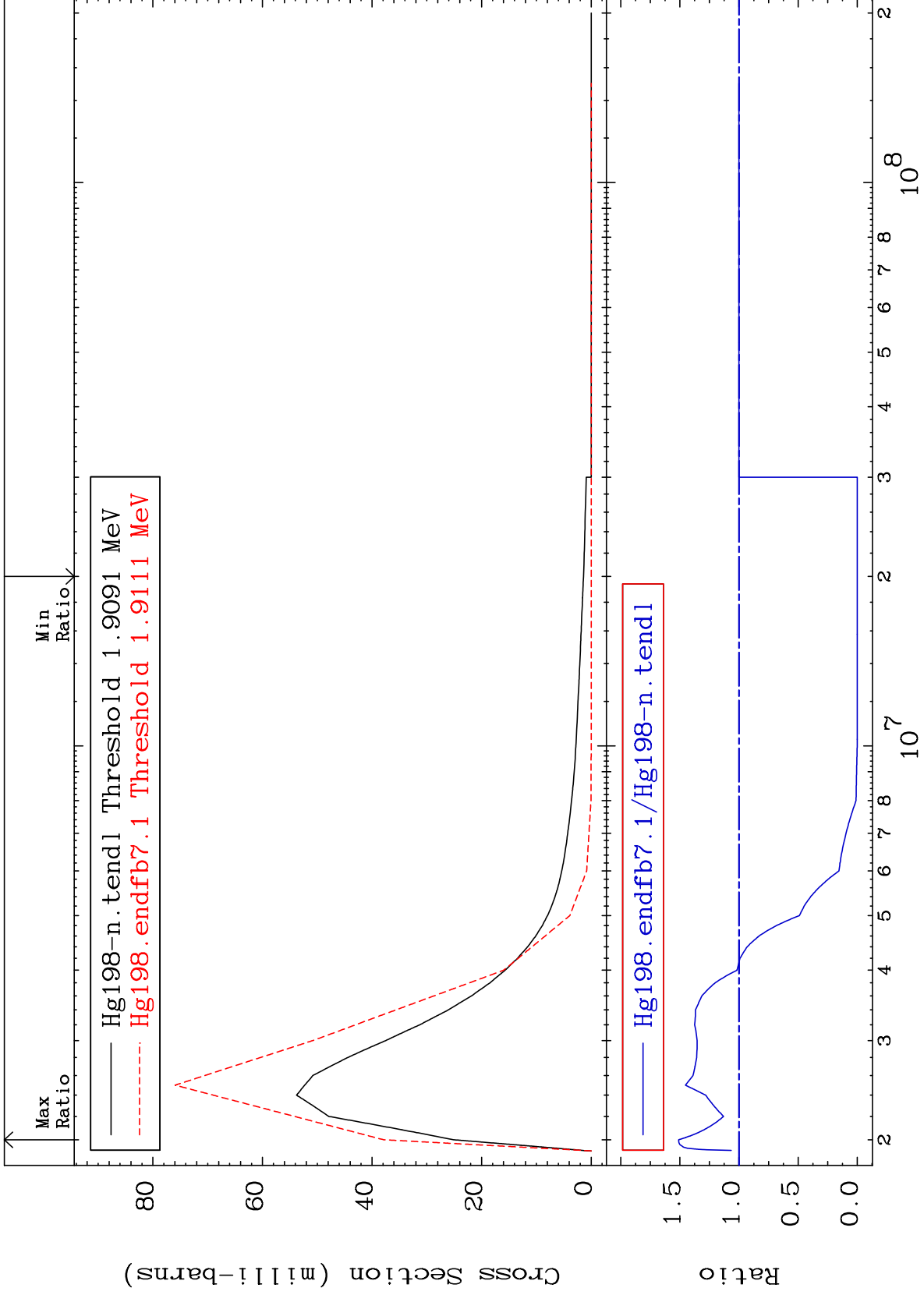




MAT 8031

1.899 MeV (n,n') Level  
Cross Section

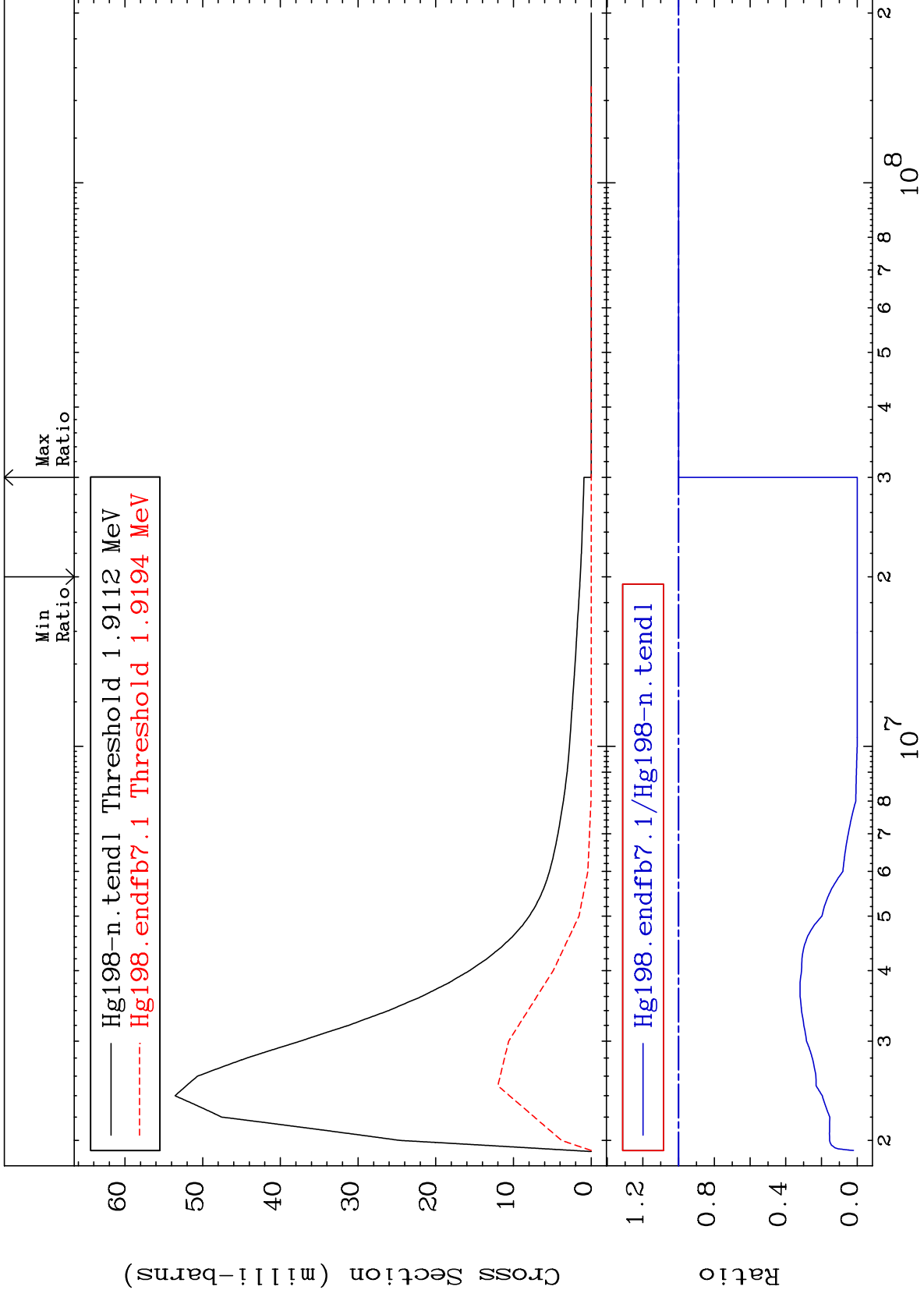
80-Hg-198  
-100.0 To 51.05 %



MAT 8031

1.902 MeV (n,n') Level  
Cross Section

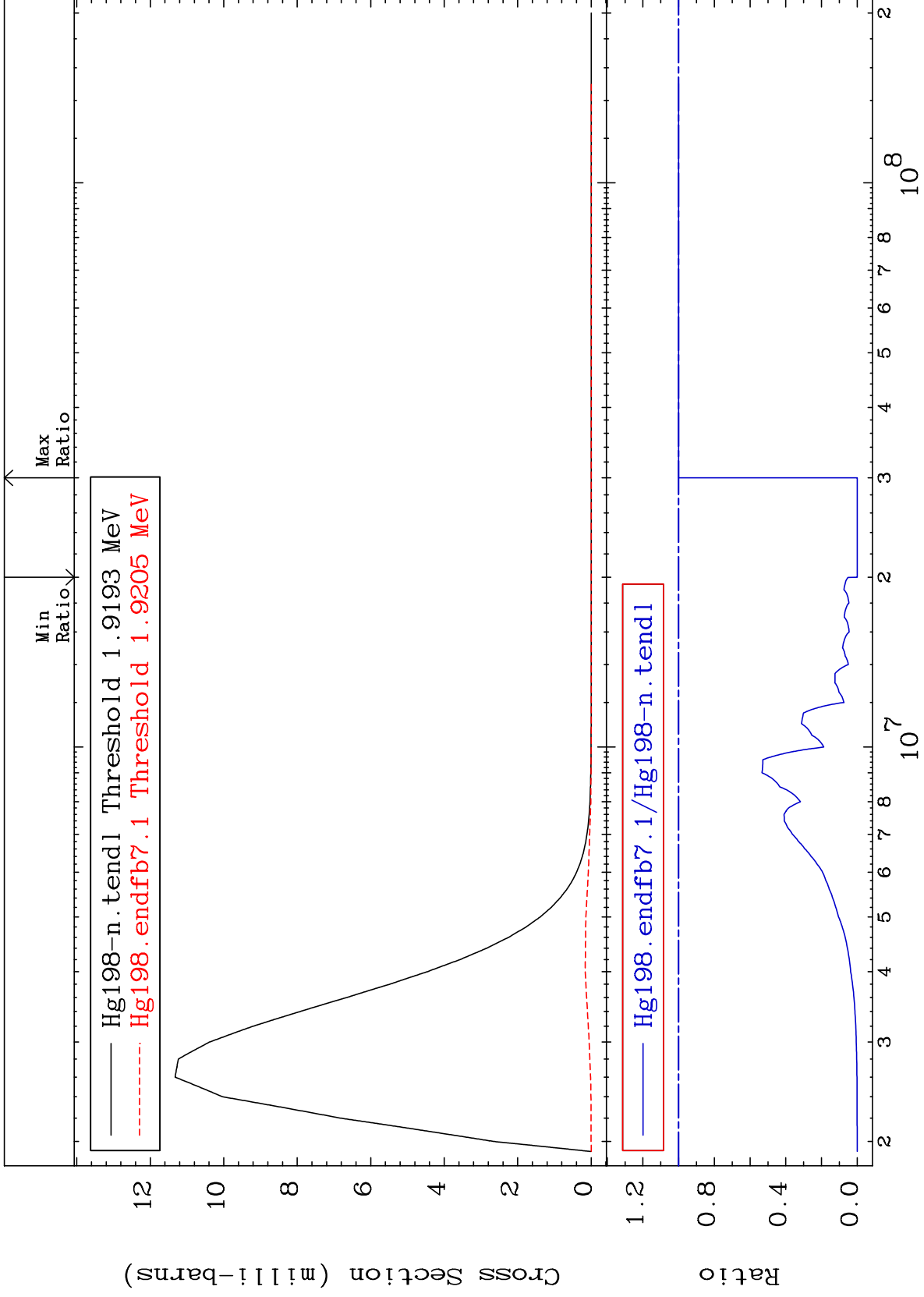
80-Hg-198  
-100.0 To 0.000 %



MAT 8031

1.910 MeV (n,n') Level  
Cross Section

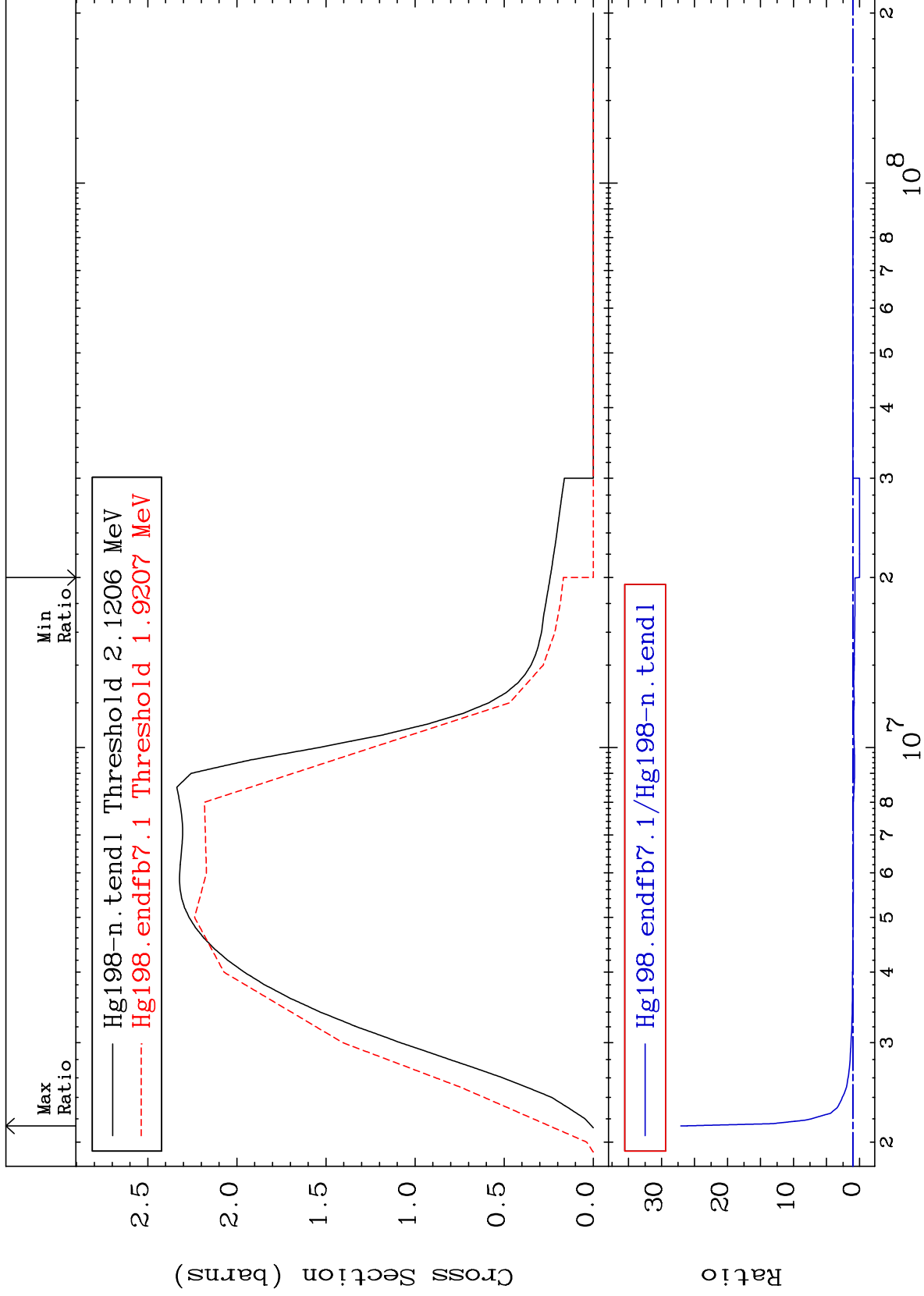
80-Hg-198  
-100.0 To 0.000 %



MAT 8031

(n, n') Continuum  
Cross Section

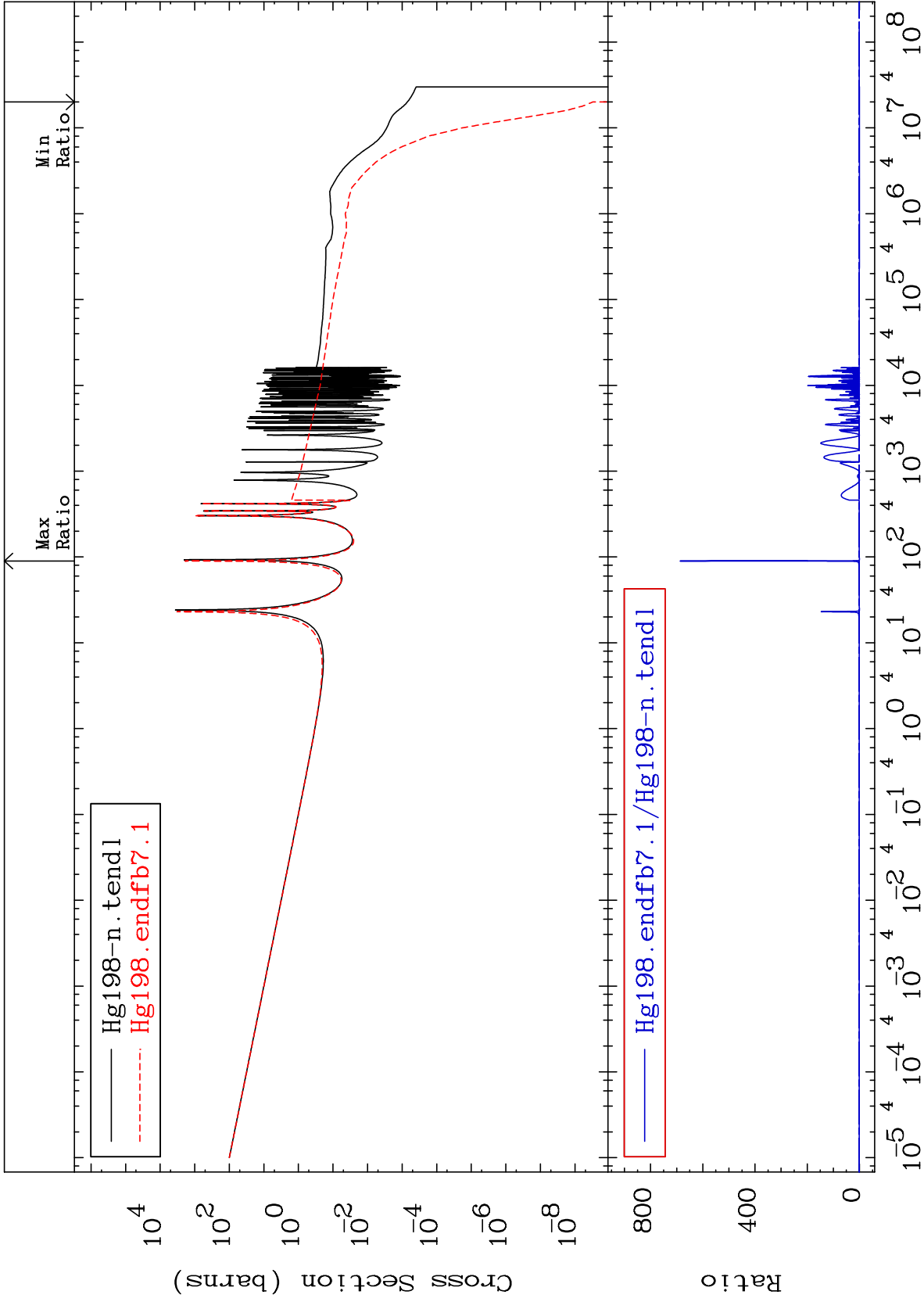
80-Hg-198  
-100.0 To 2609. %



MAT 8031

(n,  $\gamma$ )  
Cross Section

80-Hg-198  
-100.0 To 9999. %



29

Incident Energy (eV)

80-Hg-198

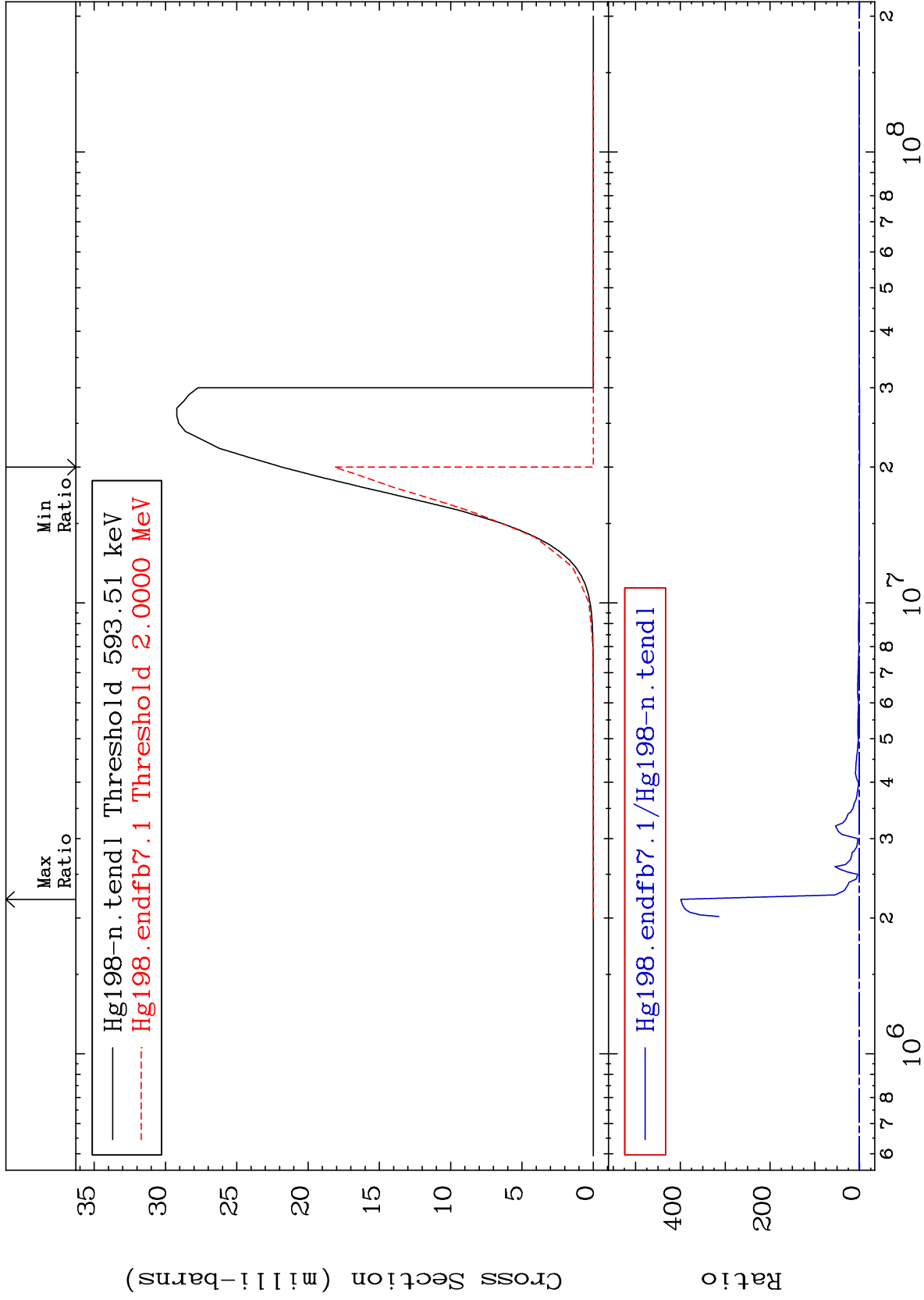
MAT 8031

(n, p)

80-Hg-198

Cross Section

-100.0 To 9999. %



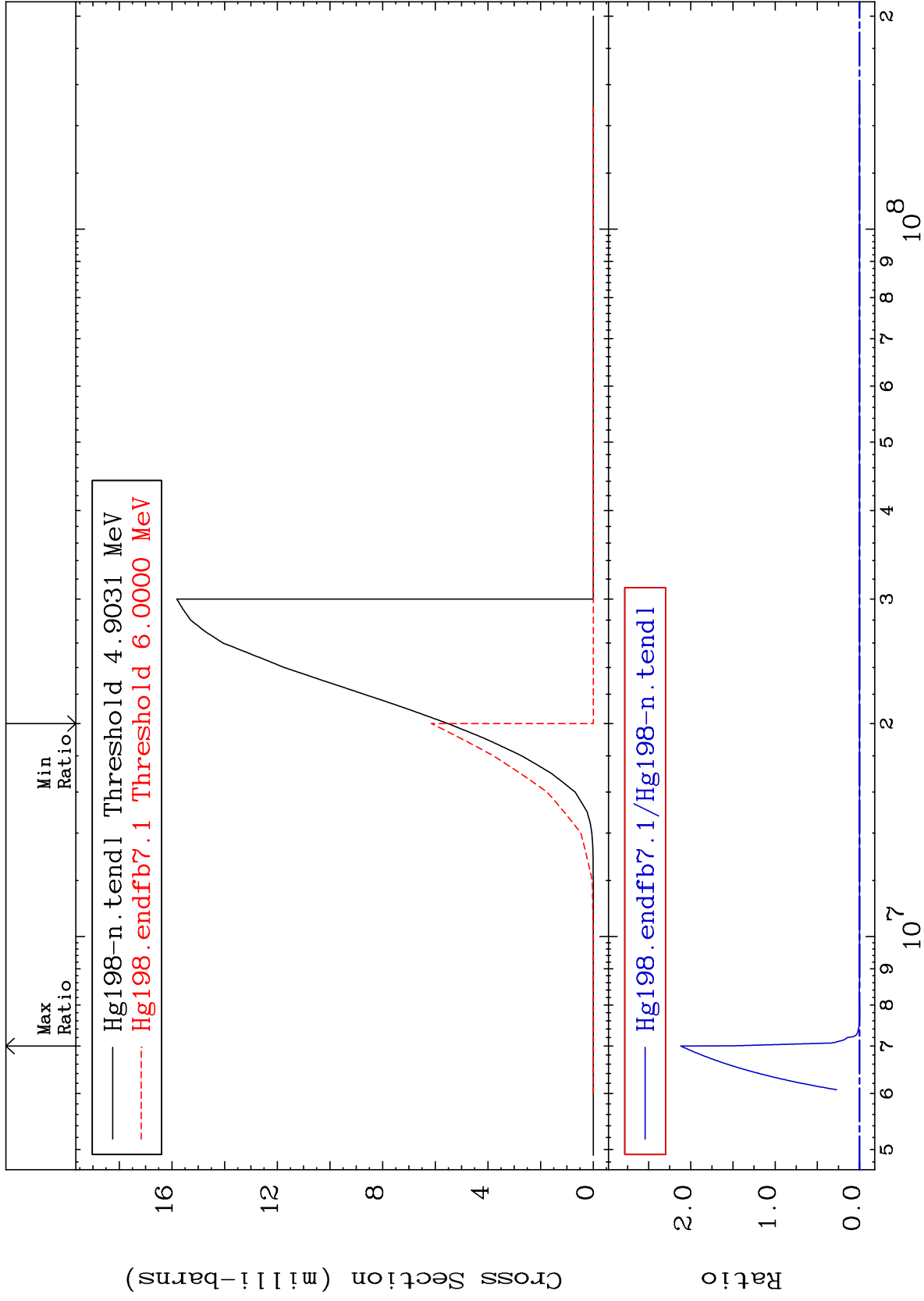
MAT 8031

(n, d)

80-Hg-198

Cross Section

-100.0 To 9999. %



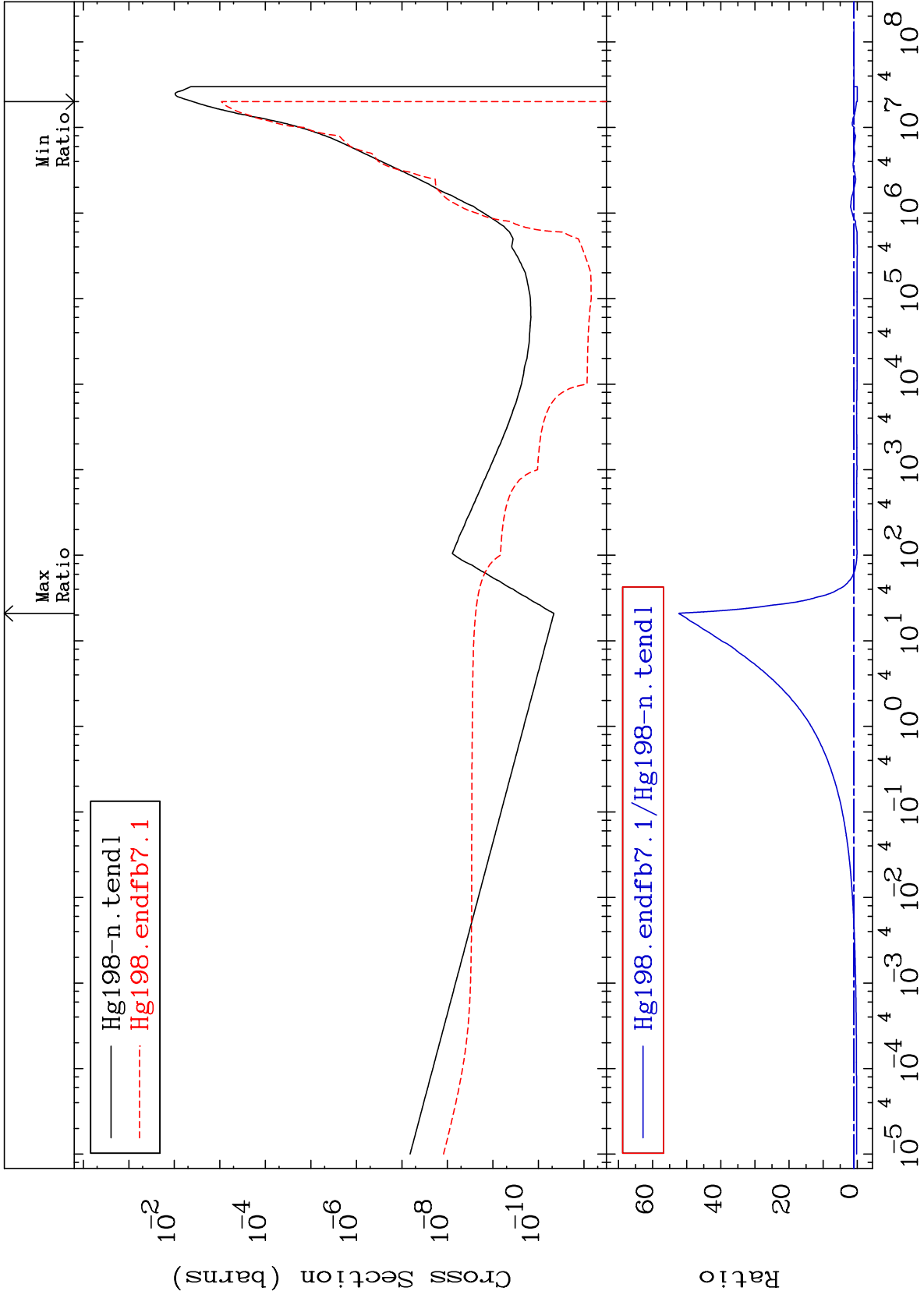
31

Incident Energy (eV)

80-Hg-198

MAT 8031

(n,  $\alpha$ )  
Cross Section  
80-Hg-198  
-100.0 To 5137. %



32

Incident Energy (eV)

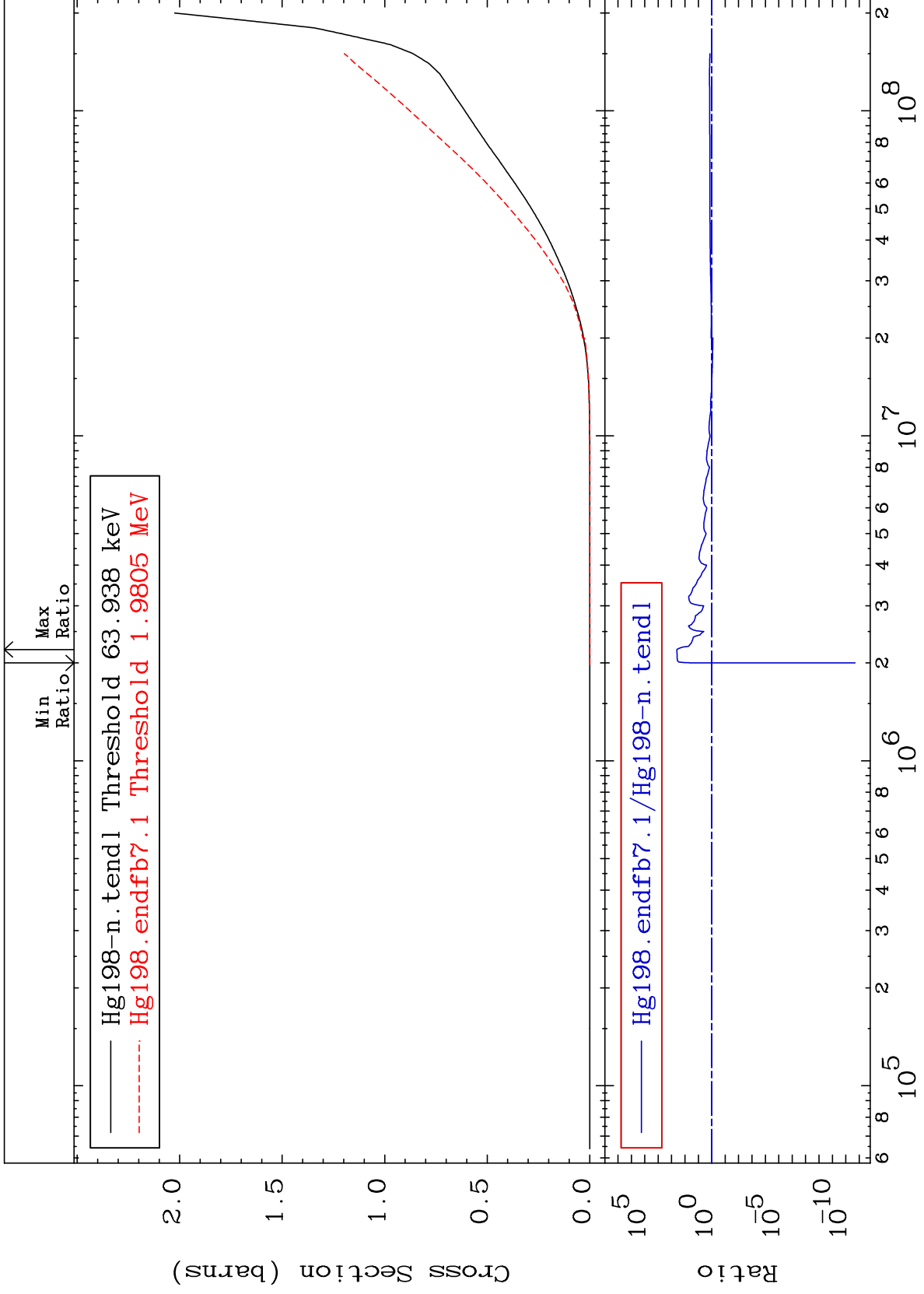
80-Hg-198



MAT 8031

Hydrogen Production  
Cross Section

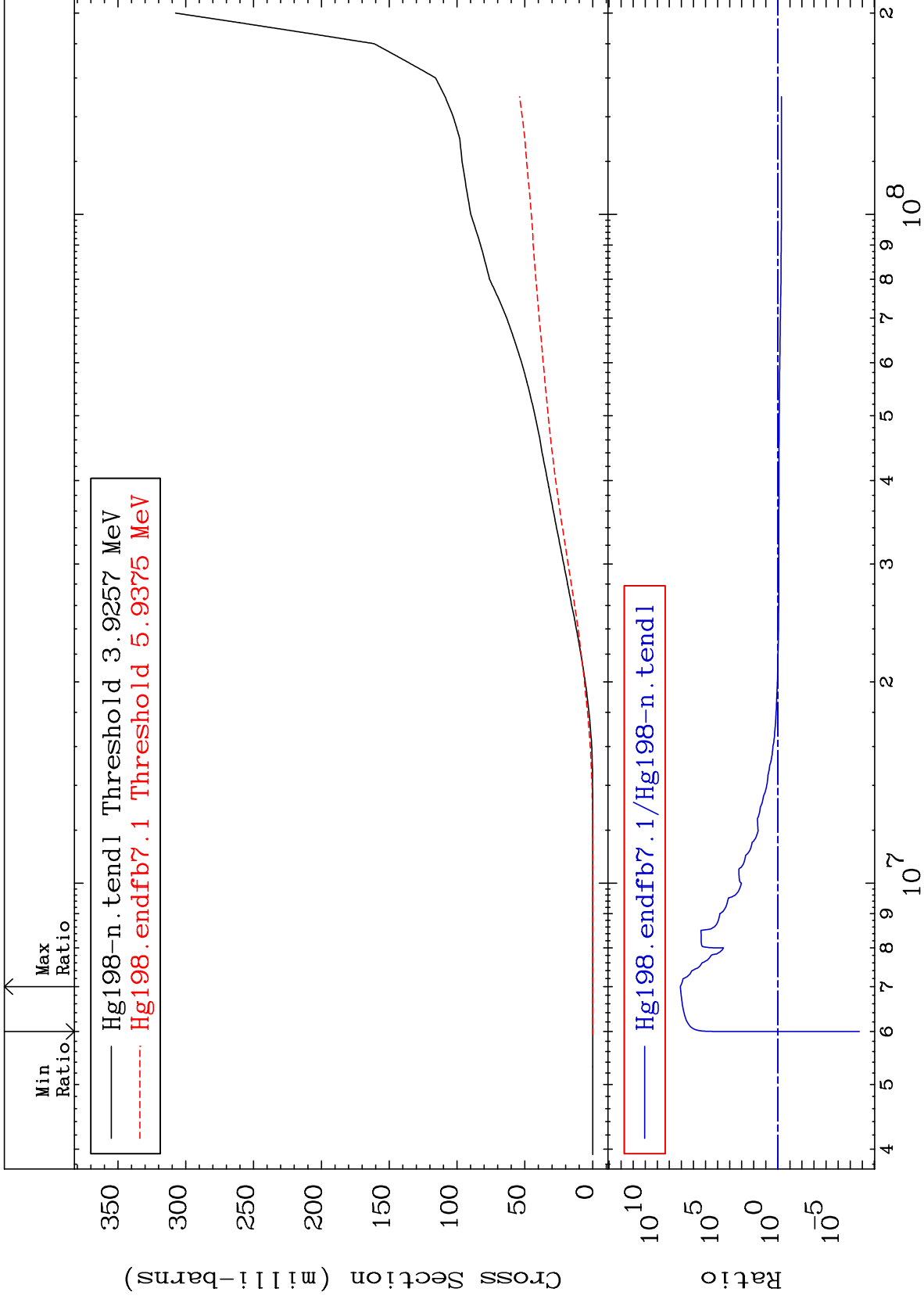
80-Hg-198  
-100.0 To 9999. %



MAT 8031

Deuterium Production  
Cross Section

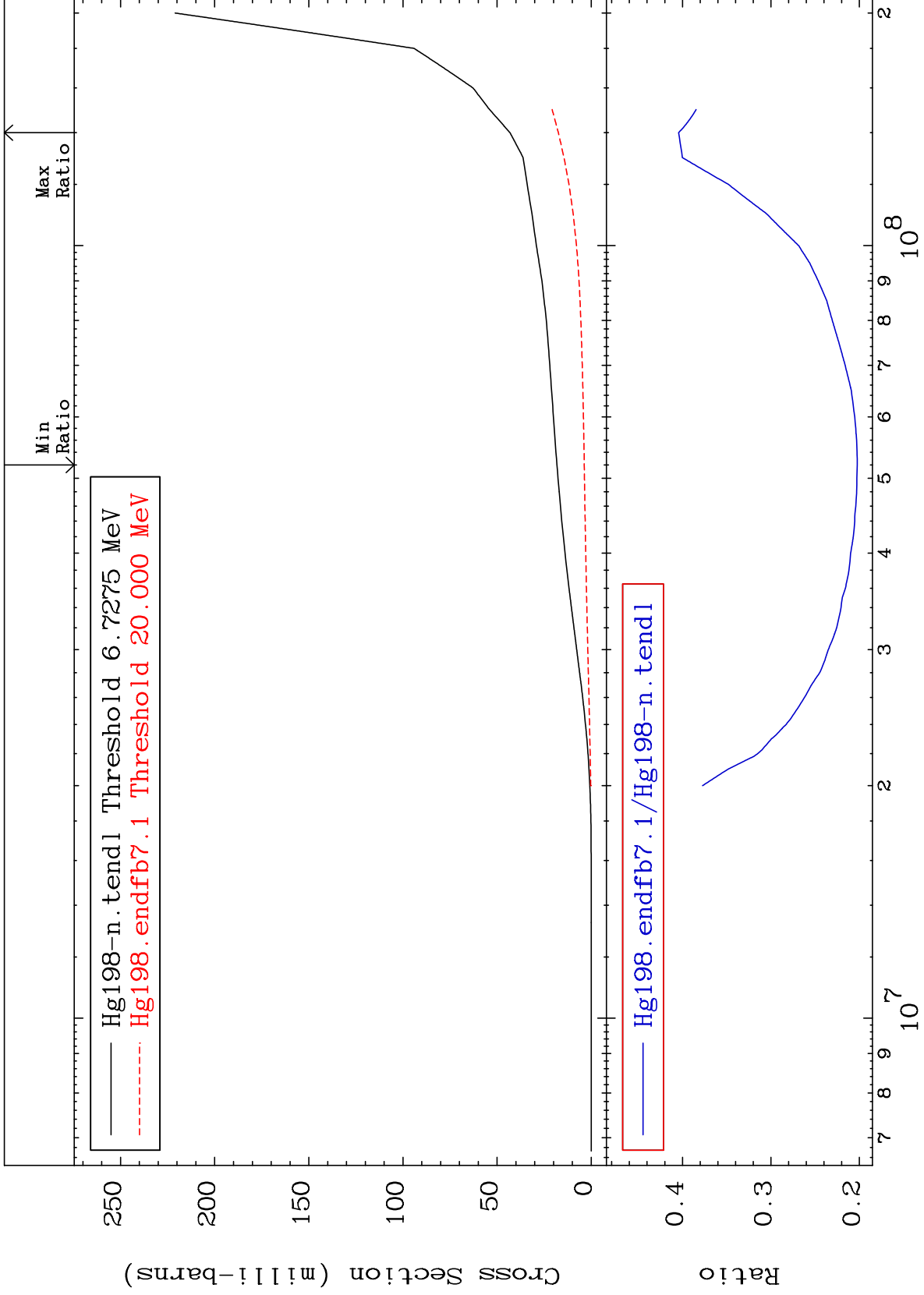
80-Hg-198  
-100.0 To 9999. %



MAT 8031

Tritium Production  
Cross Section

80-Hg-198  
-79.75 To -59.57%



35

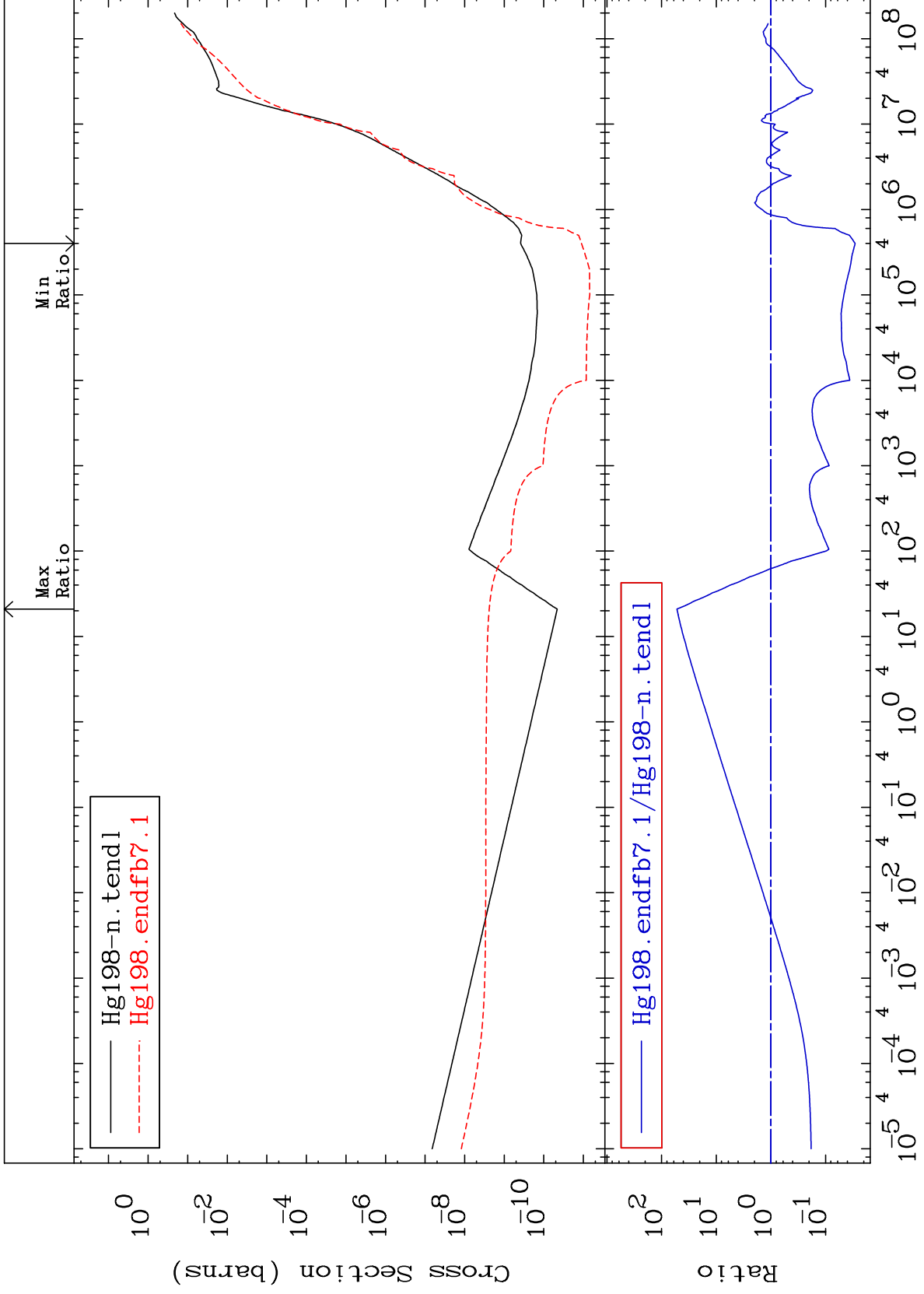
Incident Energy (eV)

80-Hg-198

MAT 8031

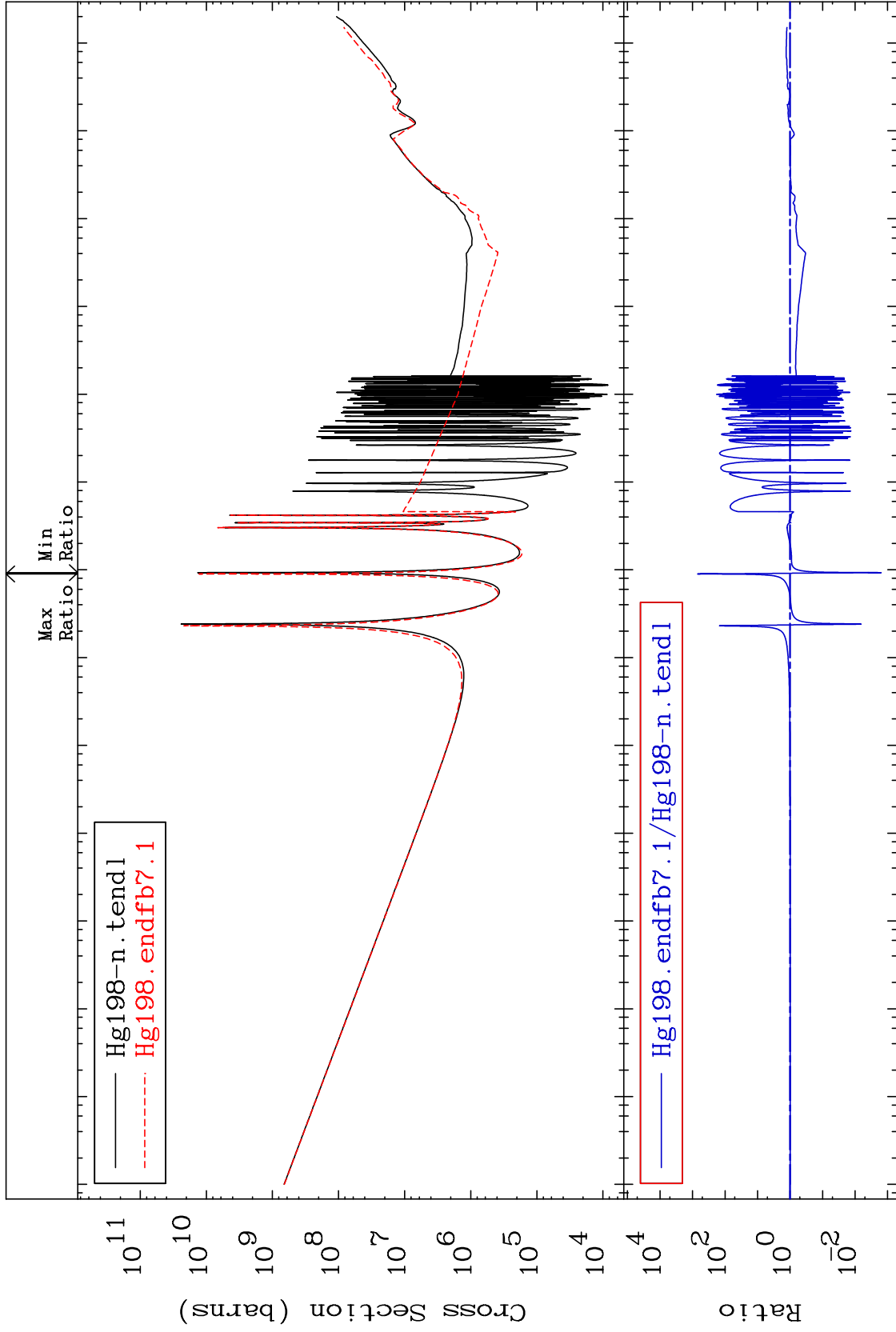
He-4 Production  
Cross Section

80-Hg-198  
-97.11 To 5137. %



Cross Section

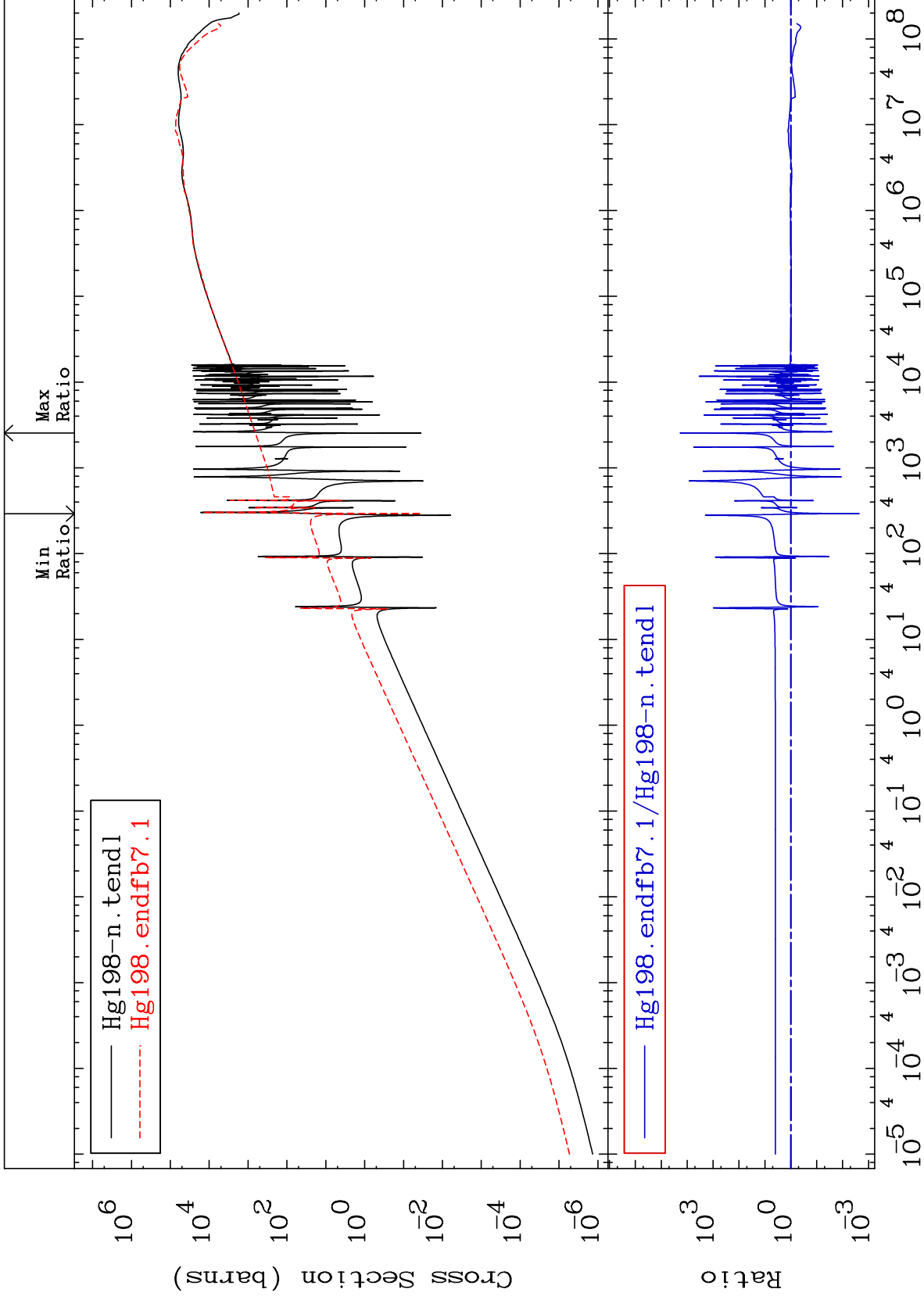
-99.84 To 9999. %

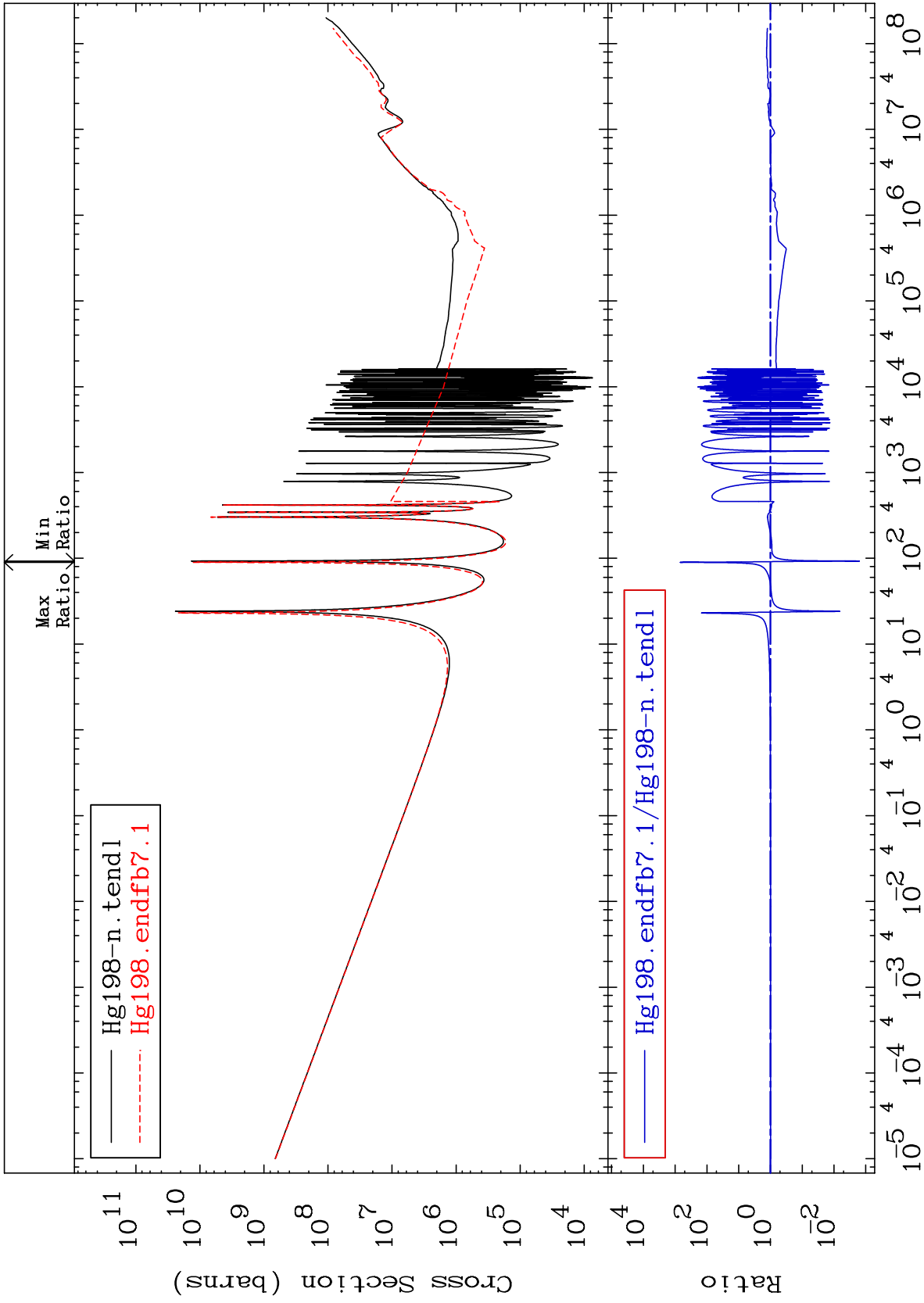


MAT 8031

Kerma elastic  
Cross Section

80-Hg-198  
-99.78 To 9999. %

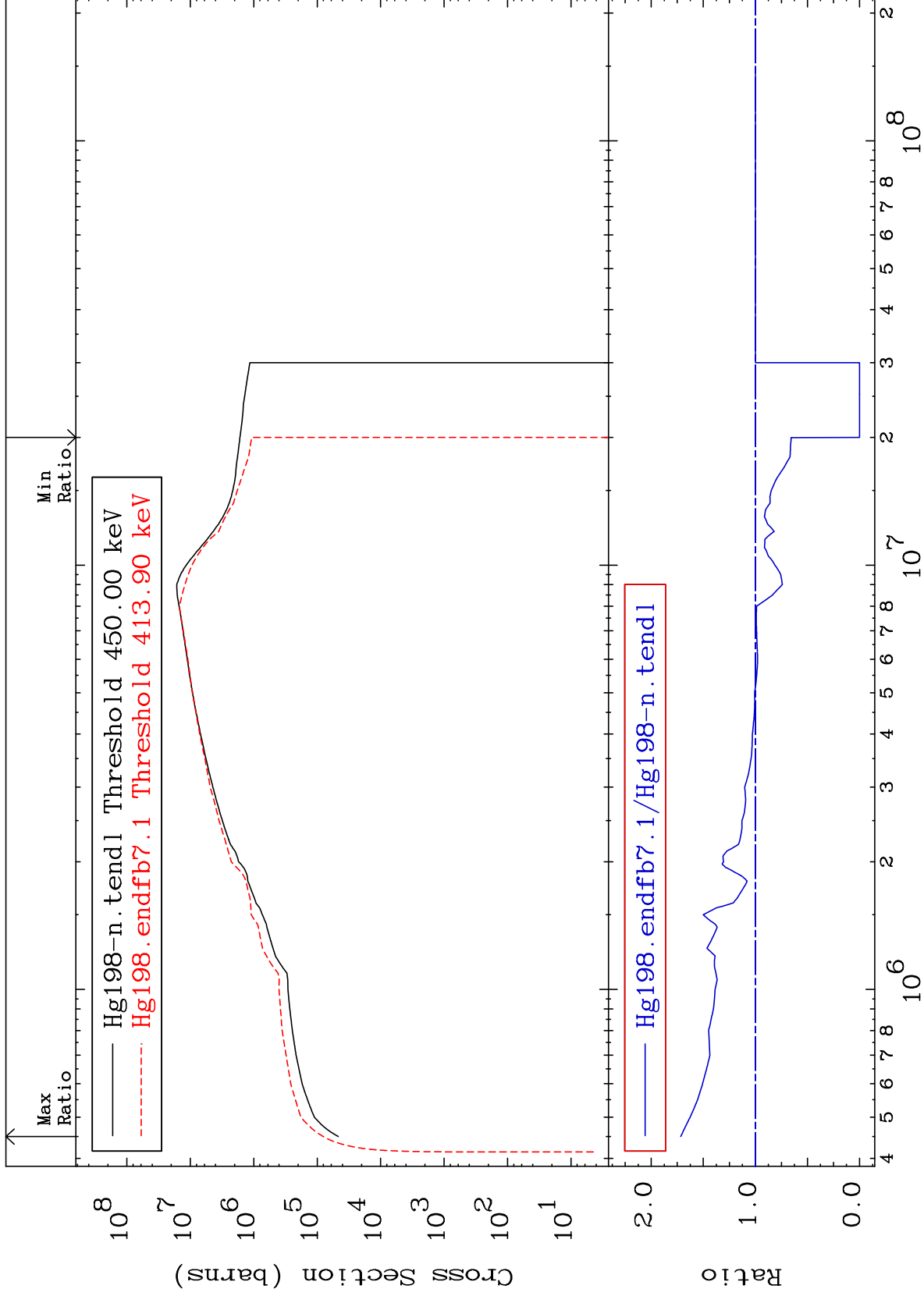




MAT 8031

Kerma inelastic (mt51-91)  
Cross Section

80-Hg-198  
-100.0 To 71.62 %



40

Incident Energy (eV)

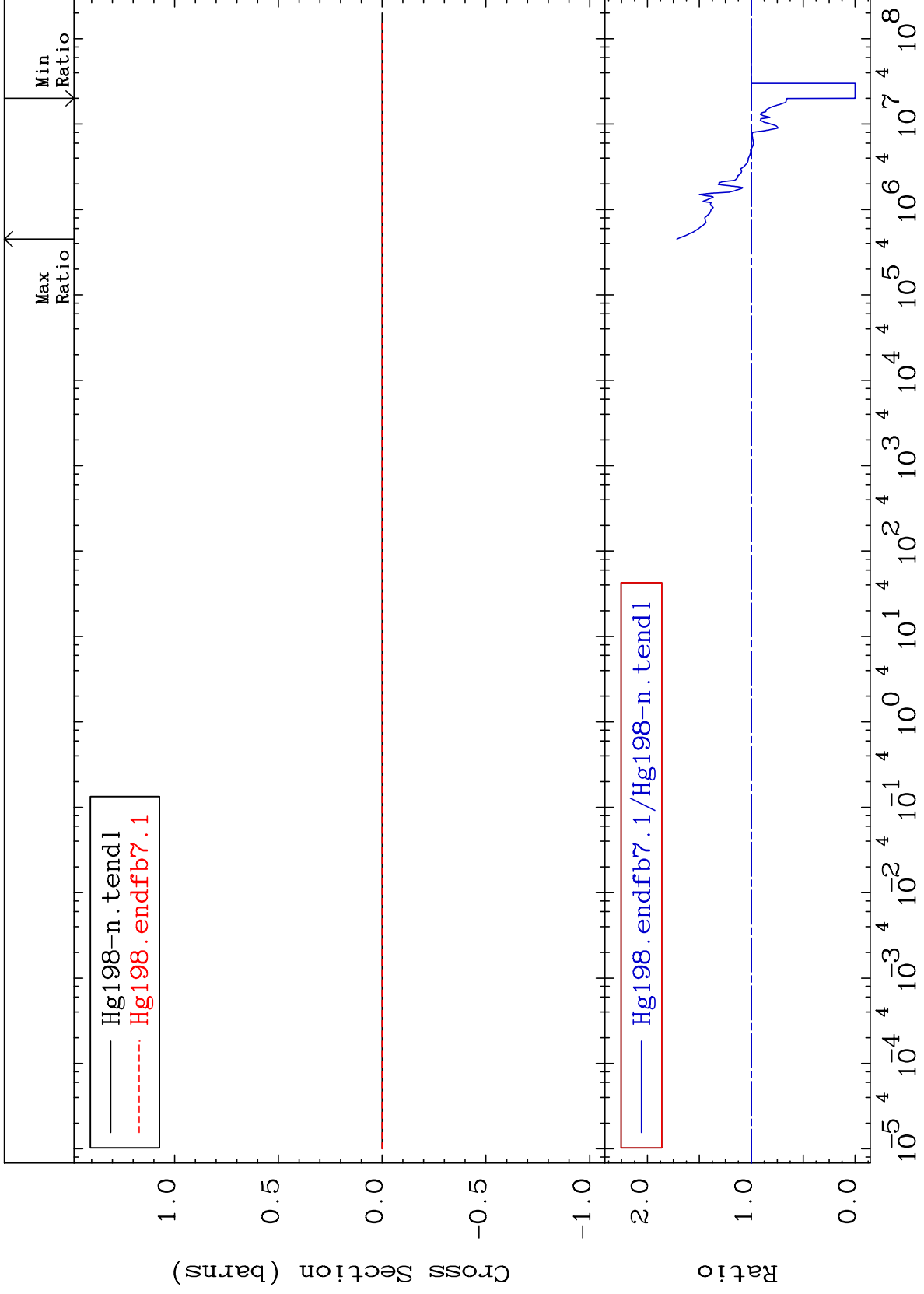
80-Hg-198



MAT 8031

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

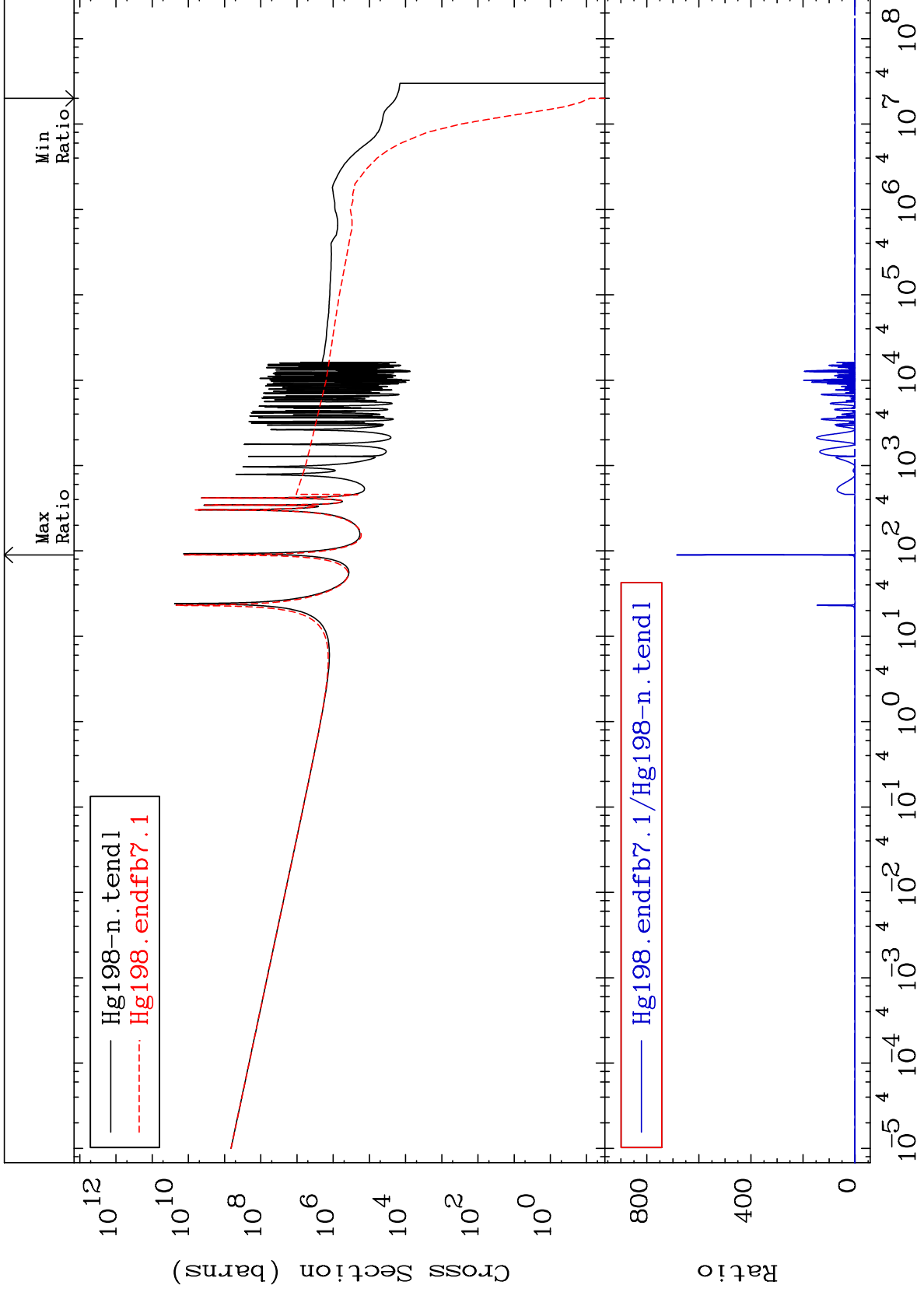
80-Hg-198  
-100.0 To 71.62 %



MAT 8031

Kerma capture (mt102)  
Cross Section

80-Hg-198  
-100.0 To 9999. %



42

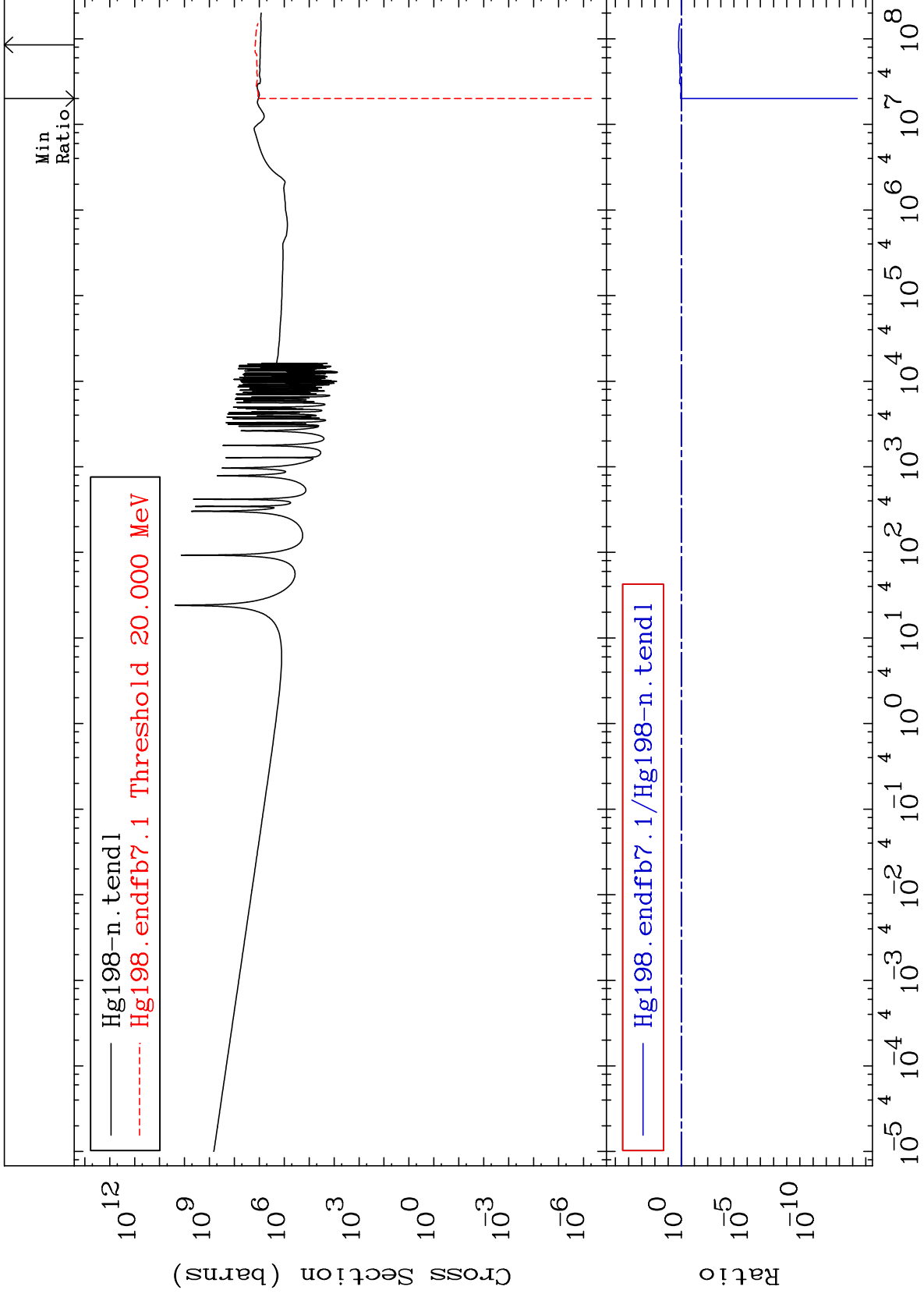
Incident Energy (eV)

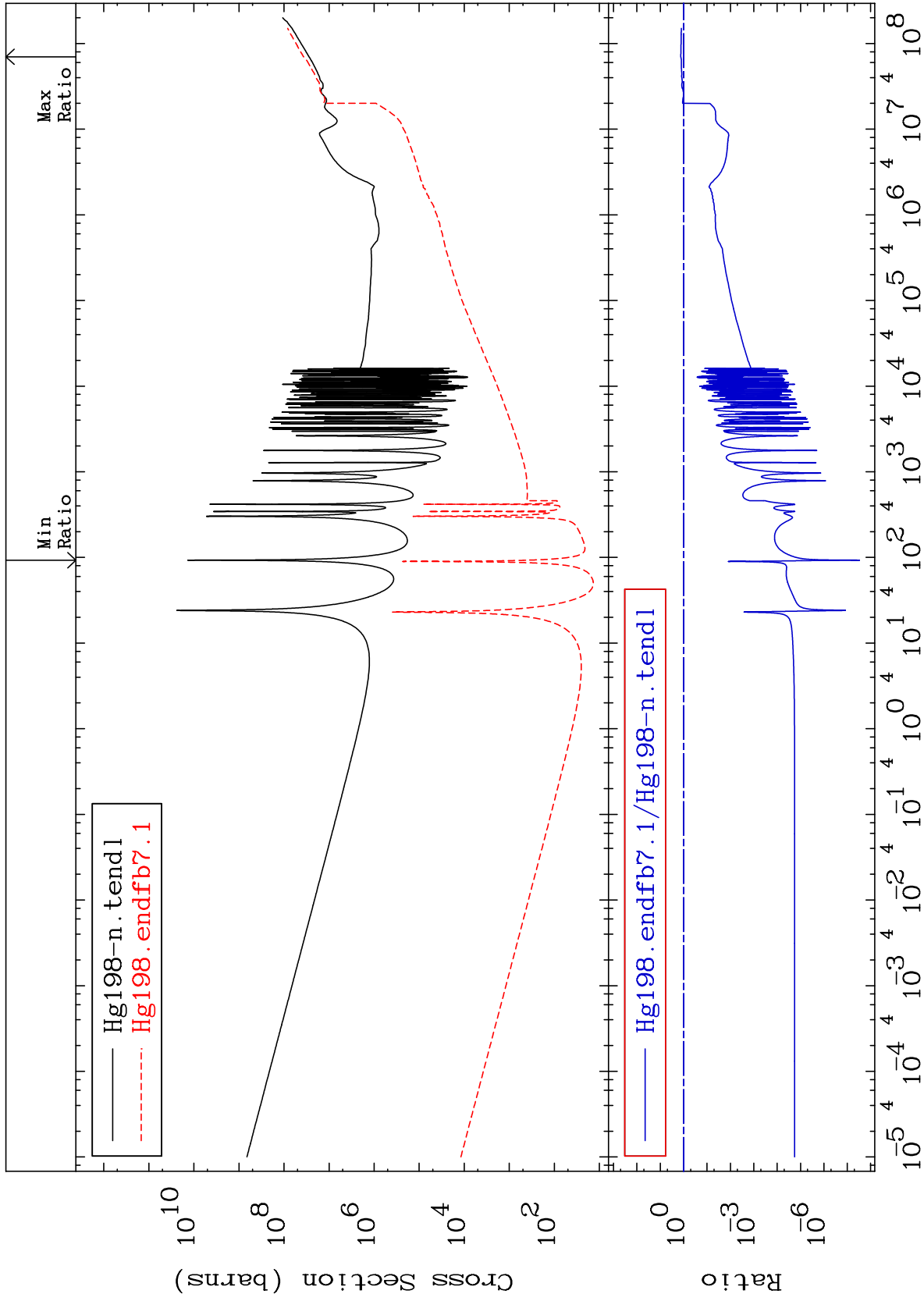
80-Hg-198

MAT 8031

Total photon (eV-barns)  
Cross Section

80-Hg-198  
-100.0 To 59.94 %

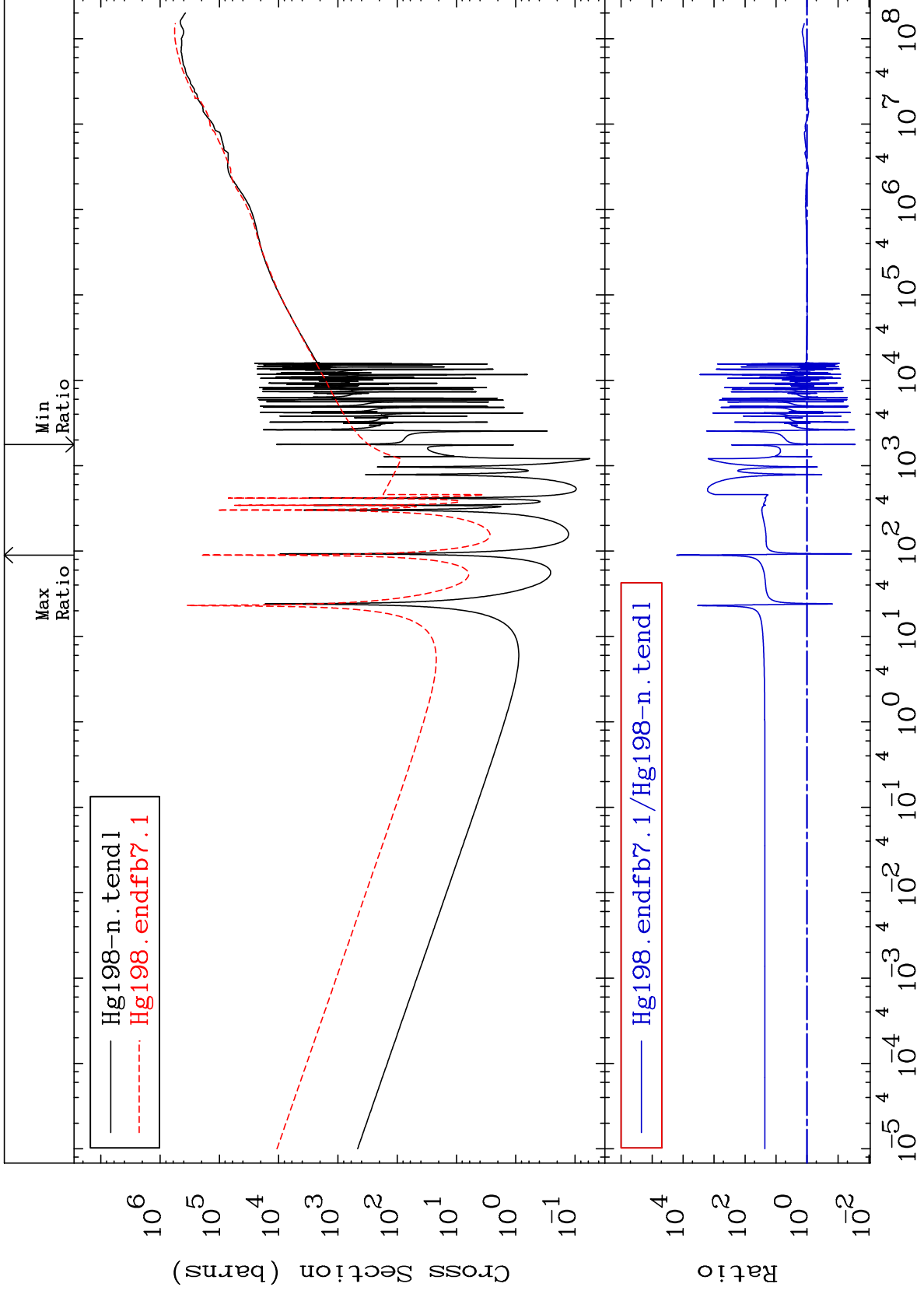




MAT 8031

Dpa total (eV-barns)  
Cross Section

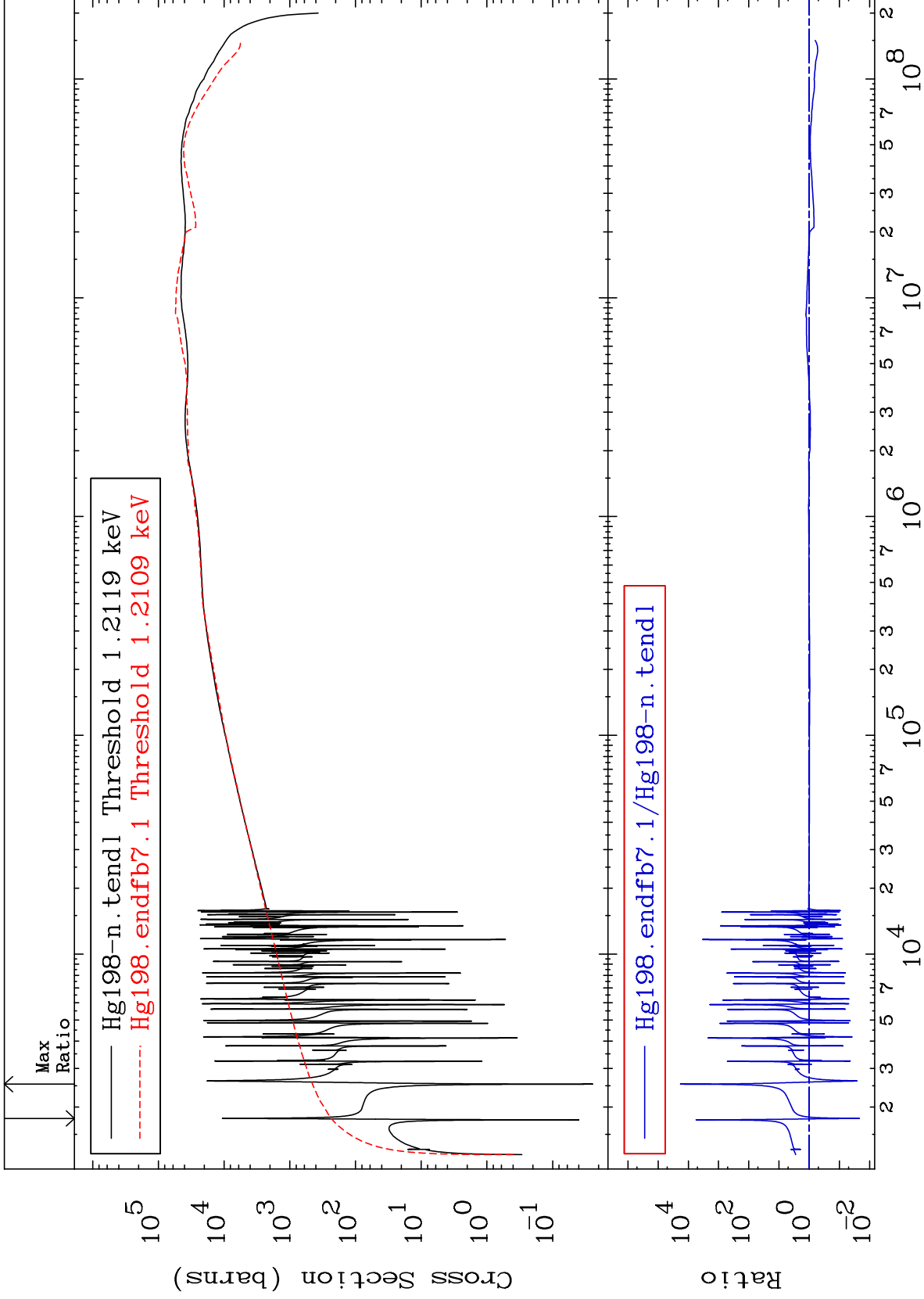
80-Hg-198  
-97.19 To 9999. %



MAT 8031

Dpa elastic (mt2)  
Cross Section

80-Hg-198  
-97.82 To 9999. %



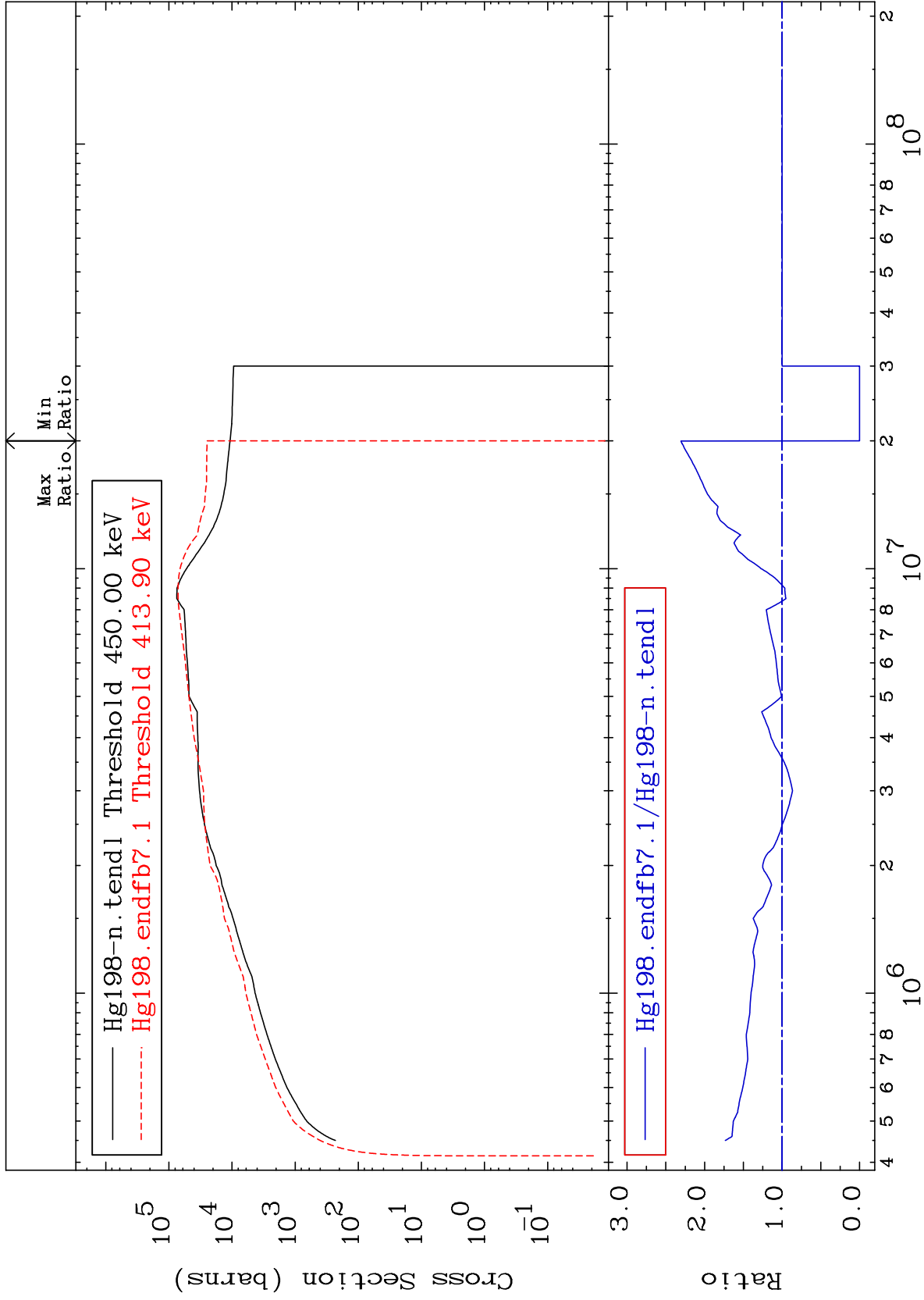
MAT 8031

Dpa inelastic (mt51-91)

80-Hg-198

Cross Section

-100.0 To 130.7 %



47

Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa disappearance (mt102 -120)  
Cross Section

80-Hg-198  
-100.0 To 9999. %

