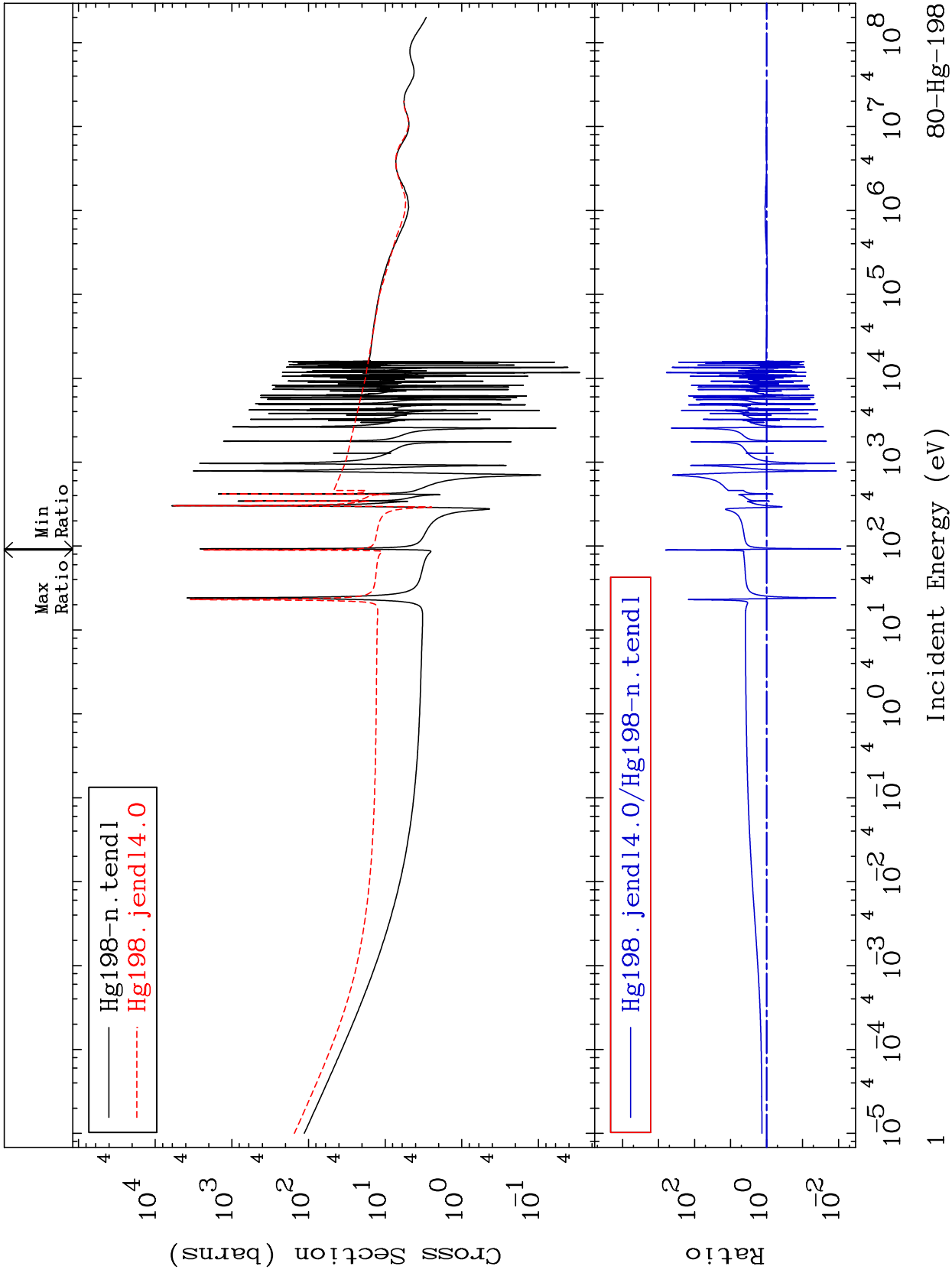


MAT 8031

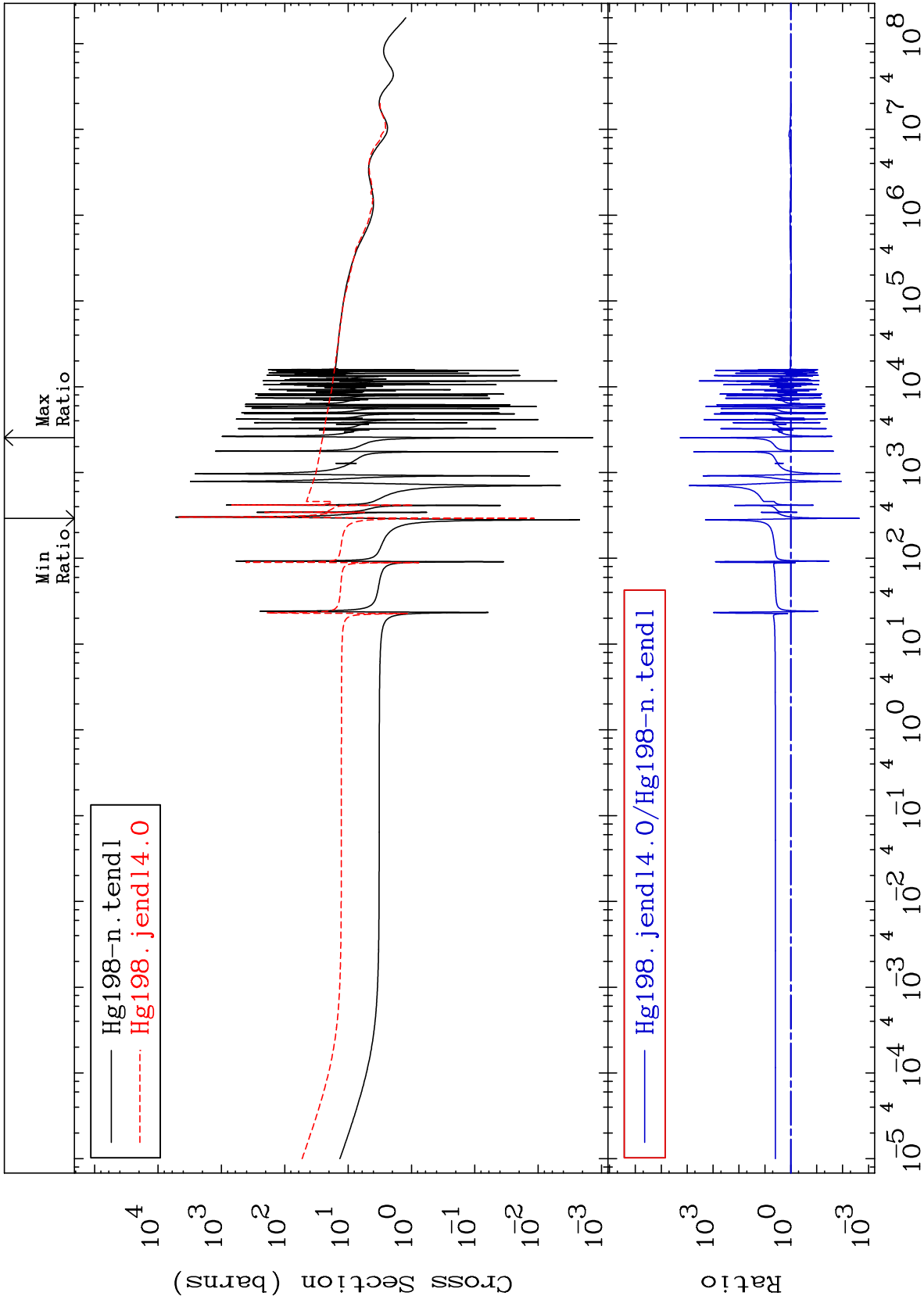
Total Cross Section
80-Hg-198
-99.13 To 9999. %



MAT 8031

Elastic
Cross Section

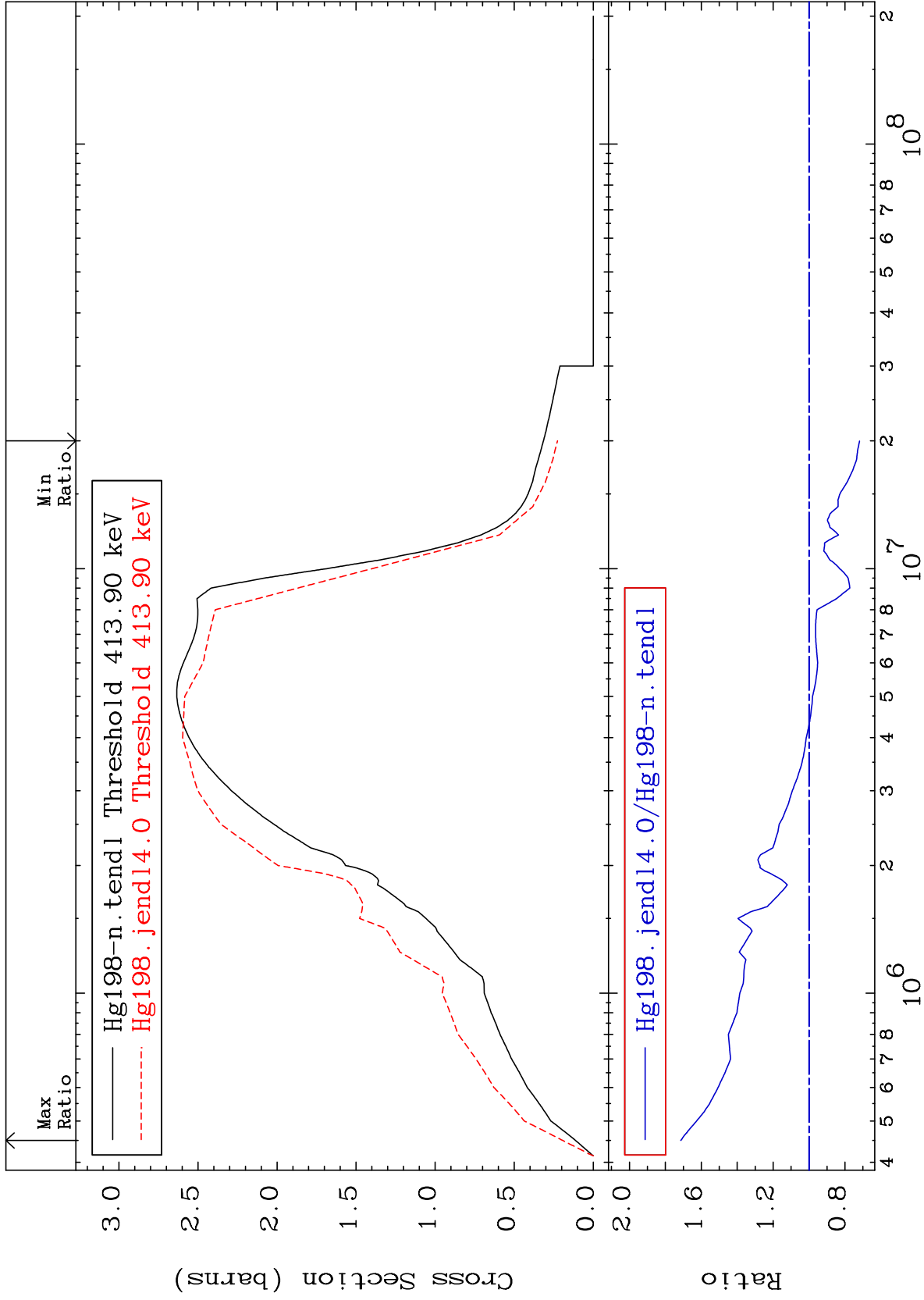
80-Hg-198
-99.78 To 9999. %



MAT 8031

Inelastic
Cross Section

80-Hg-198
-28.09 To 71.43 %



3

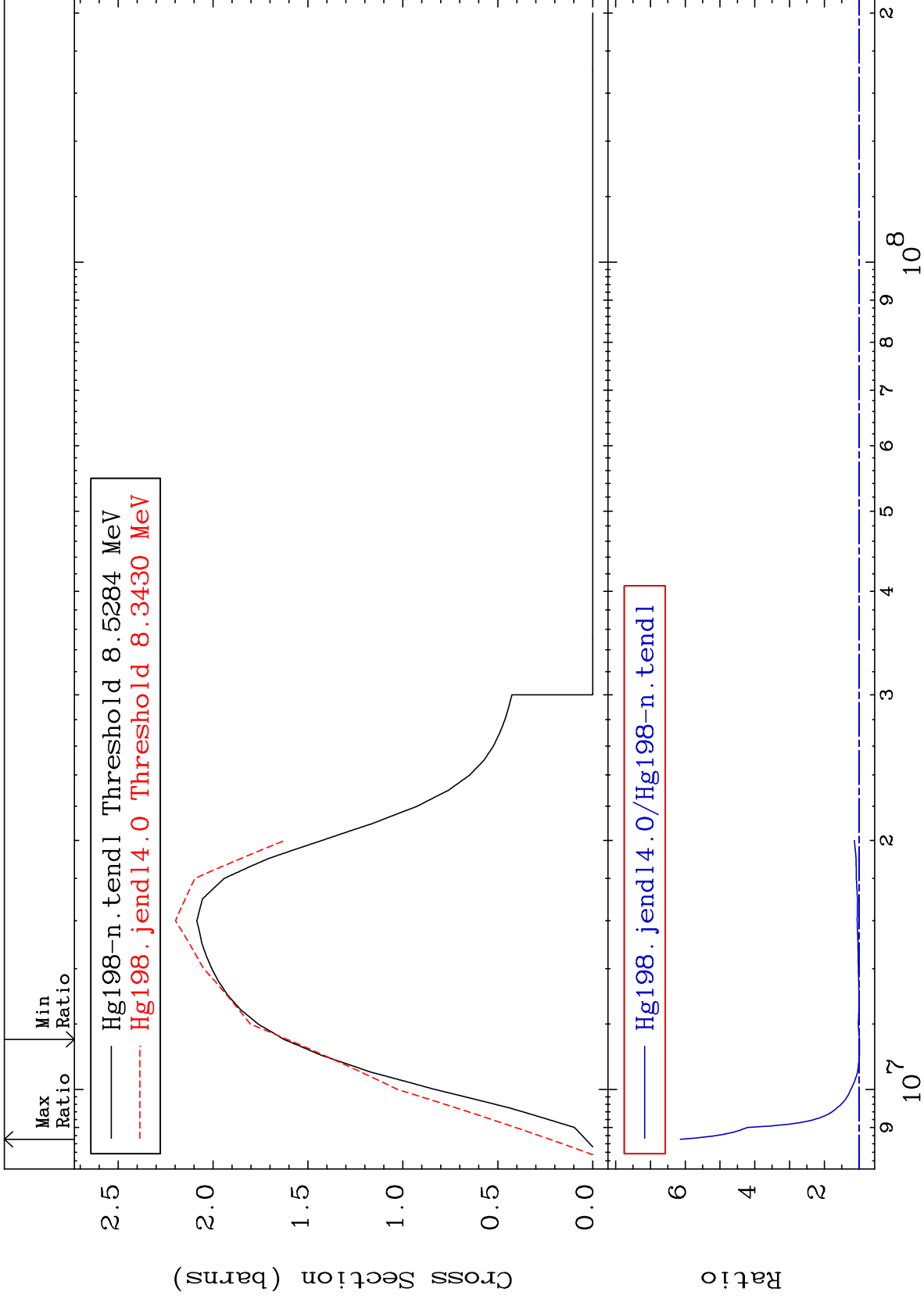
Incident Energy (eV)

80-Hg-198

MAT 8031

(n,2n)
Cross Section

80-Hg-198
-1.050 To 514.0 %



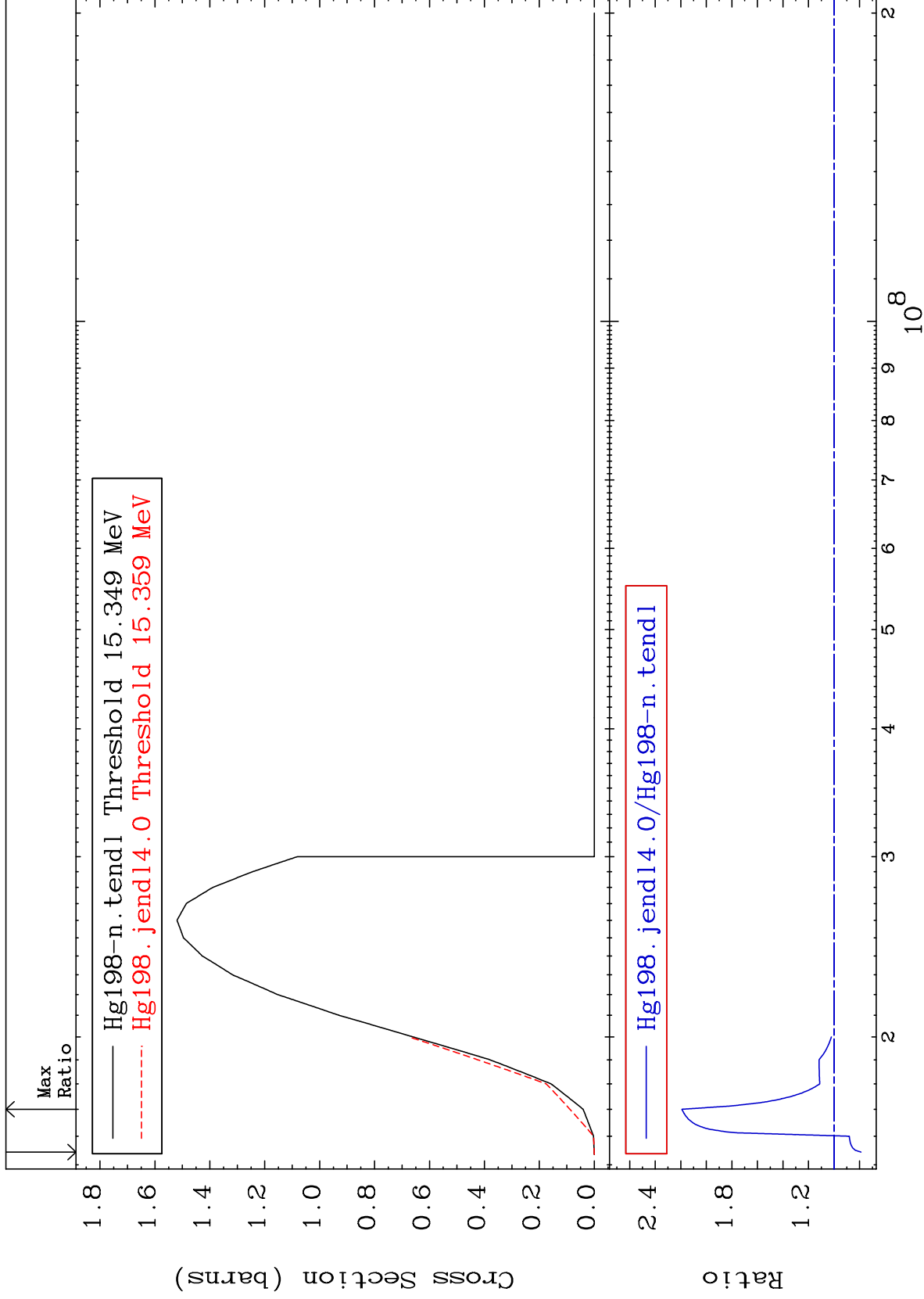
MAT 8031

(n,3n)

80-Hg-198

Cross Section

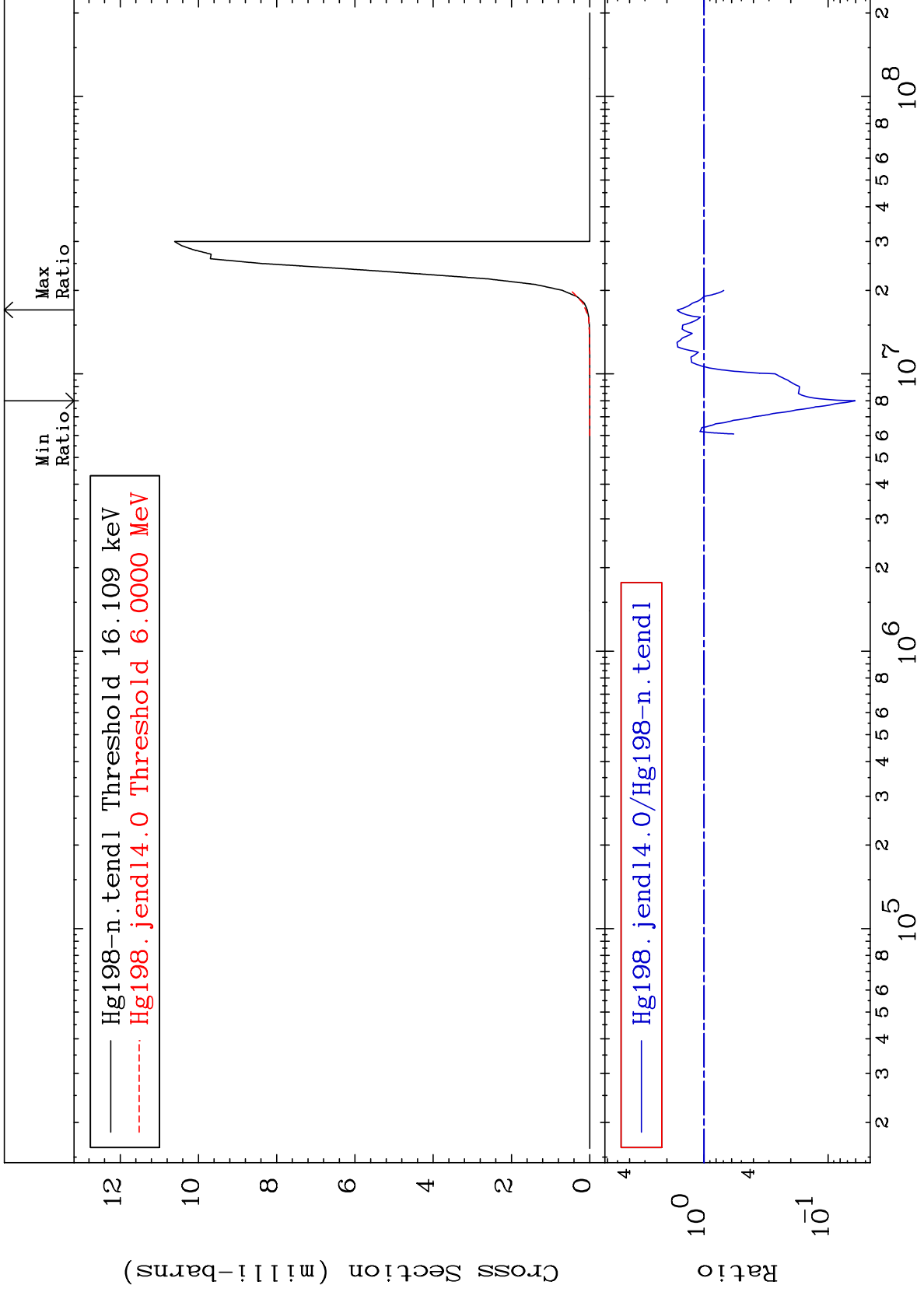
-21.08 To 119.1 %



MAT 8031

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

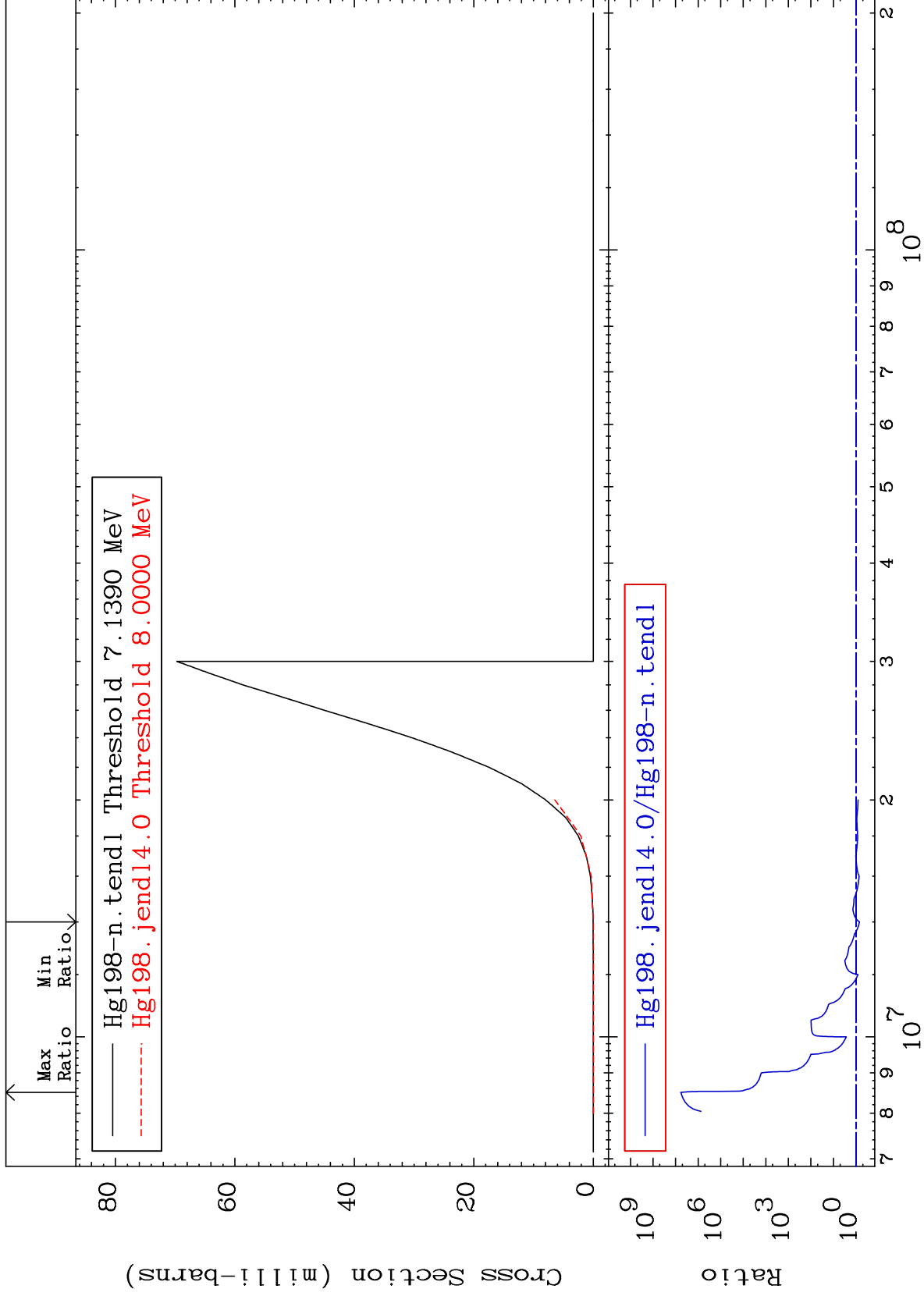
80-Hg-198
-93.94 To 65.79 %



MAT 8031

(n,n') p
Cross Section

80-Hg-198
-30.33 To 9999. %



7

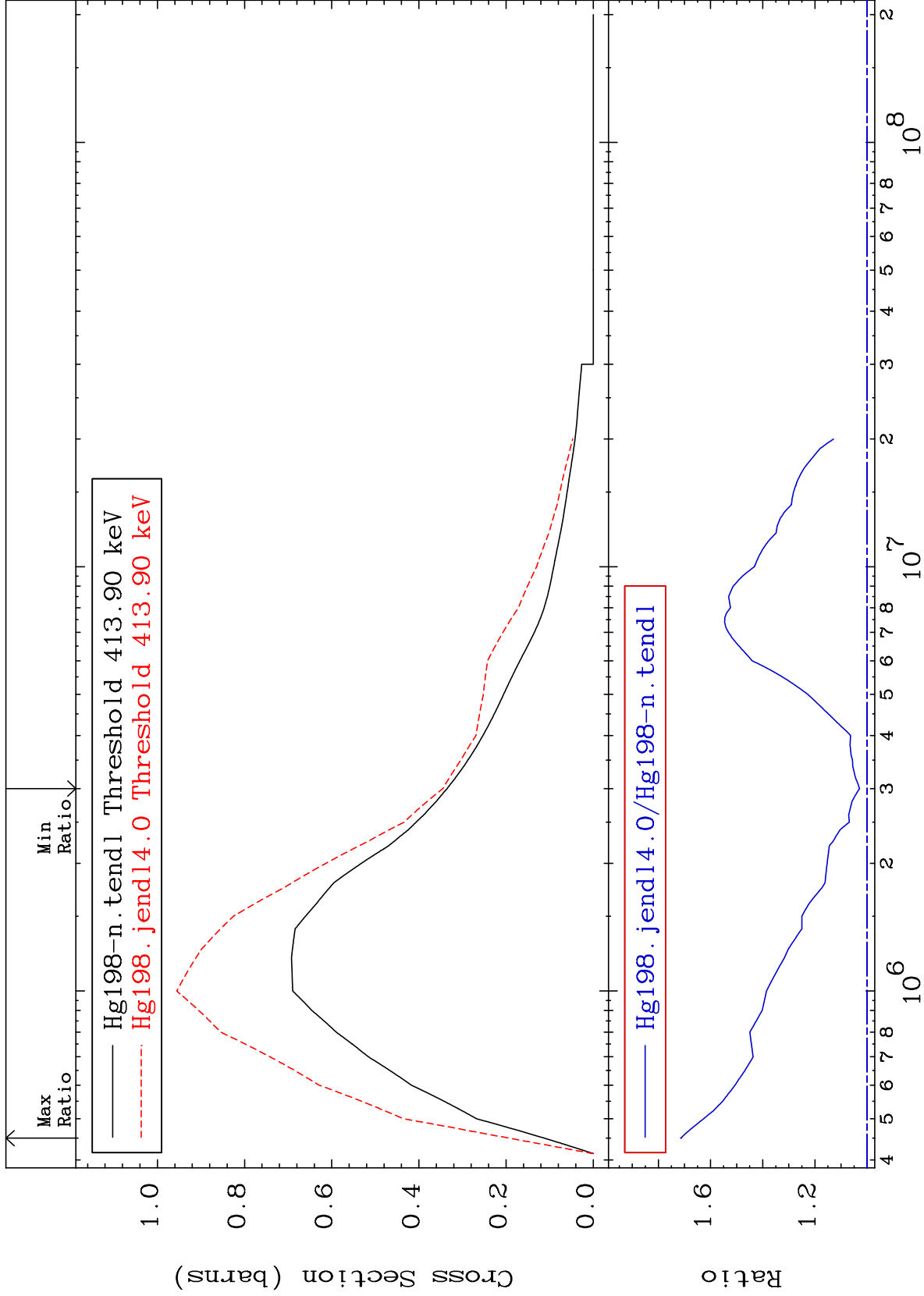
Incident Energy (eV)

80-Hg-198

MAT 8031

411.8 keV (n,n') Level
Cross Section

80-Hg-198
2.892 To 71.43 %



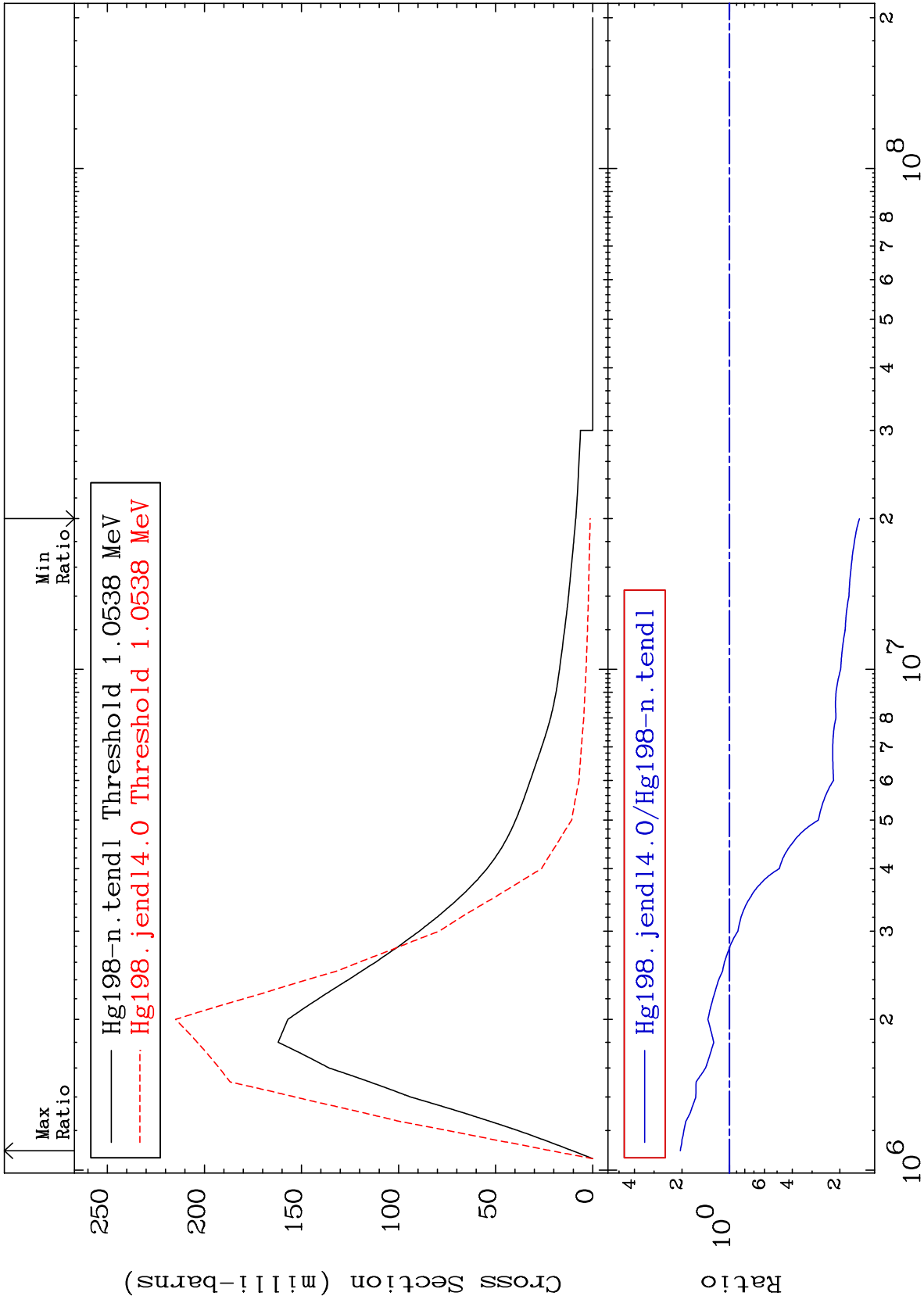
8

80-Hg-198

MAT 8031

1.048 MeV (n,n') Level
Cross Section

80-Hg-198
-84.98 To 104.6 %



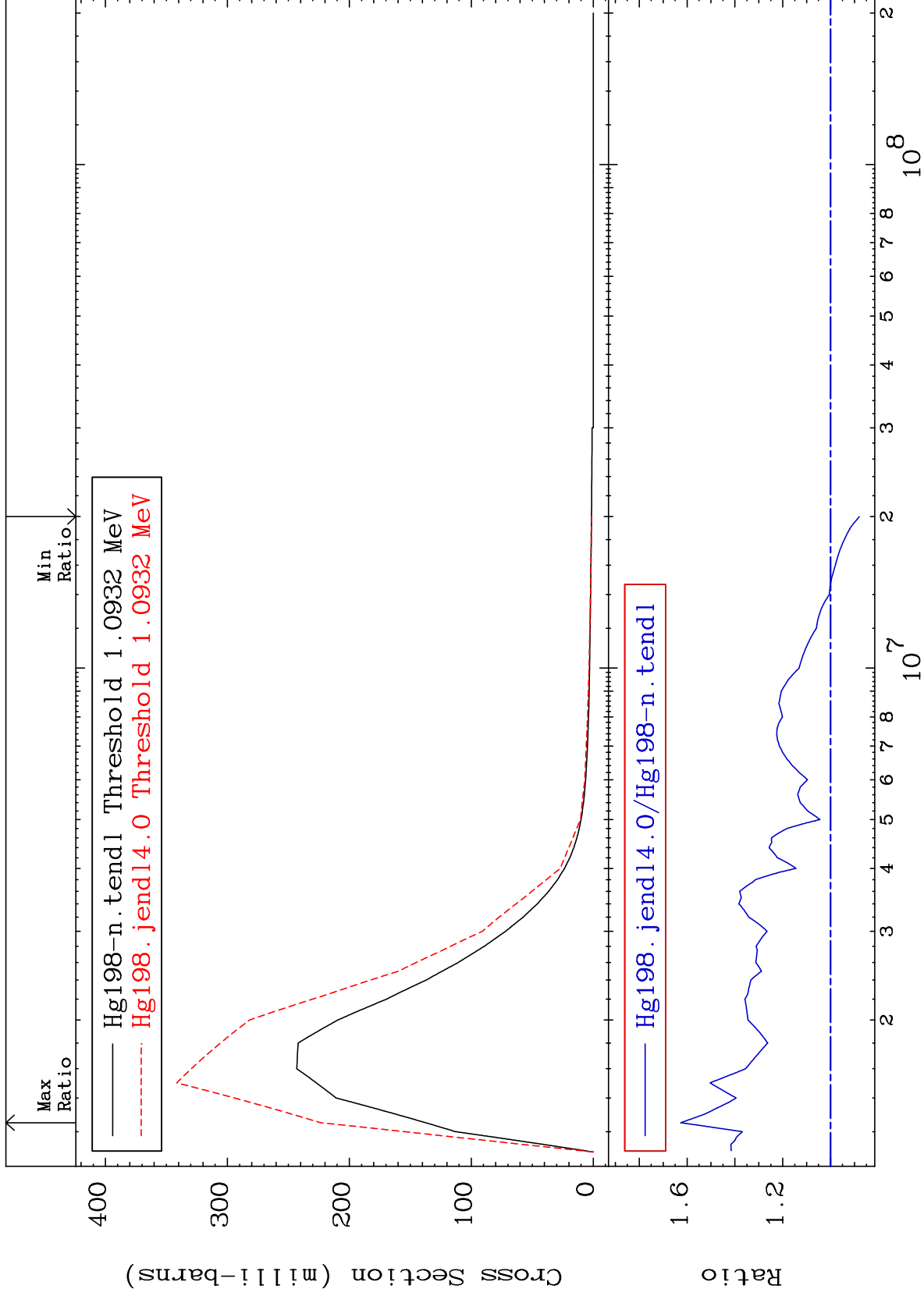
Incident Energy (eV)

80-Hg-198

MAT 8031

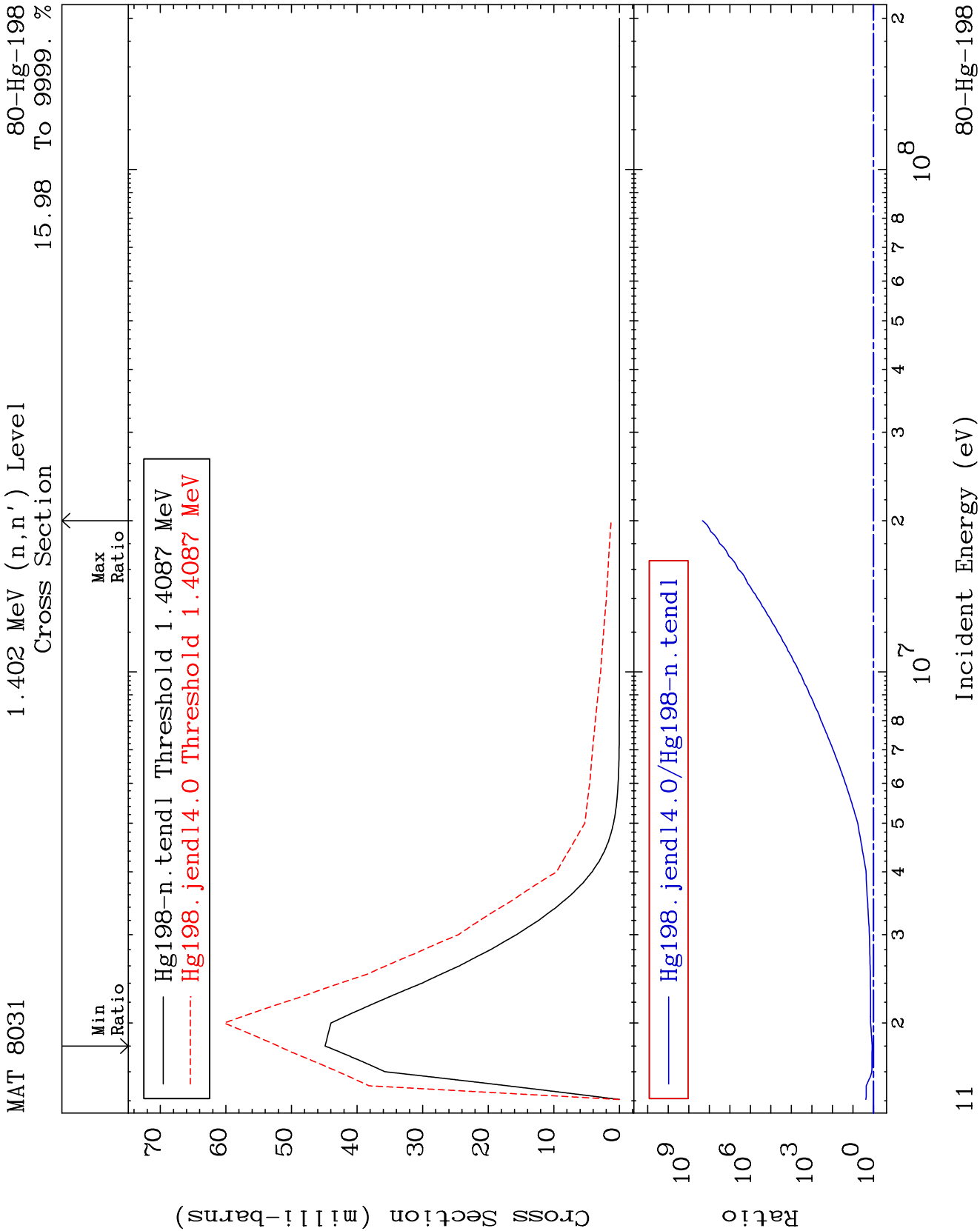
1.088 MeV (n,n') Level
Cross Section

80-Hg-198
-12.11 To 62.64 %



10

80-Hg-198



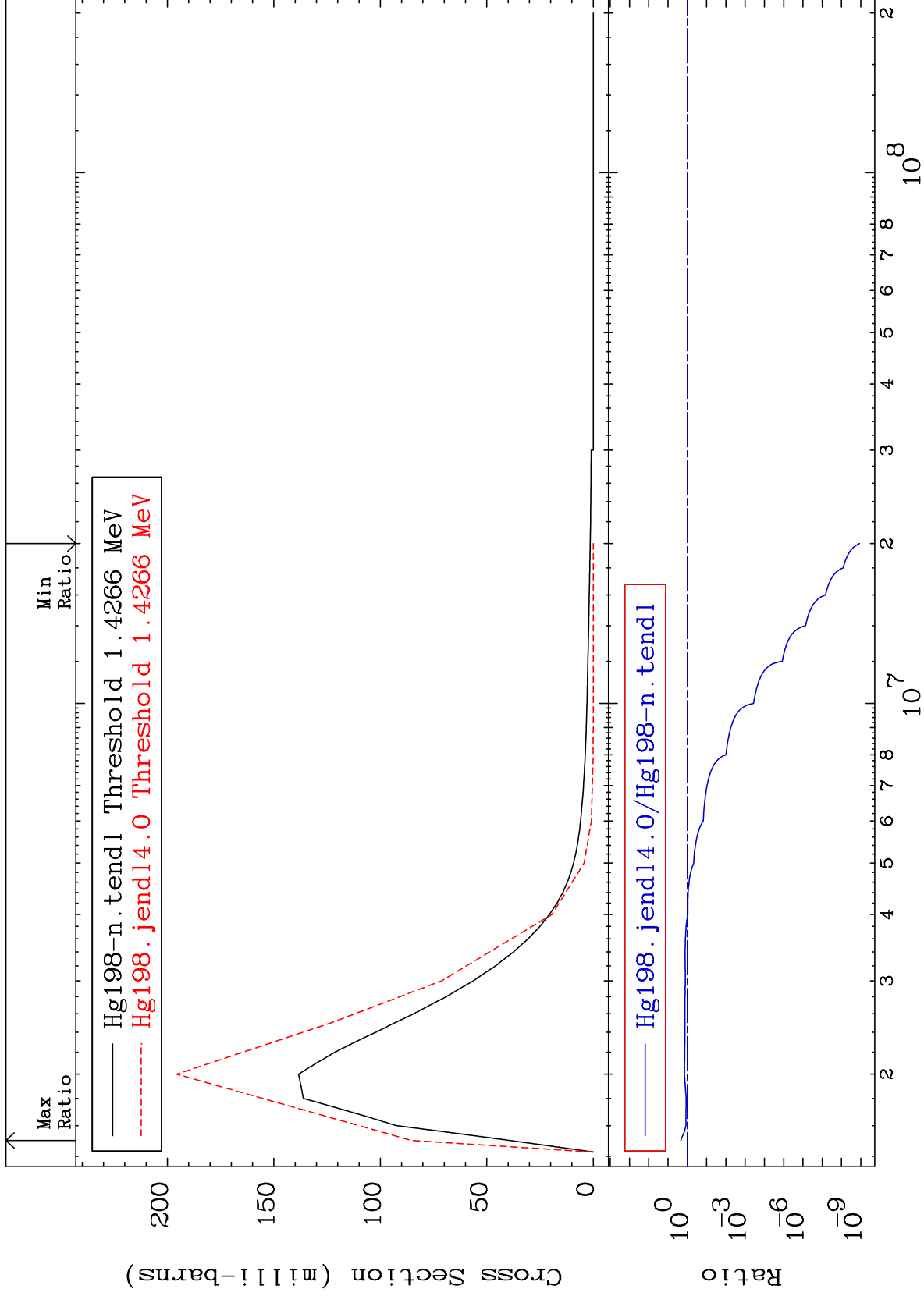
MAT 8031

1.419 MeV (n,n') Level

80-Hg-198

-100.0 To 117.9 %

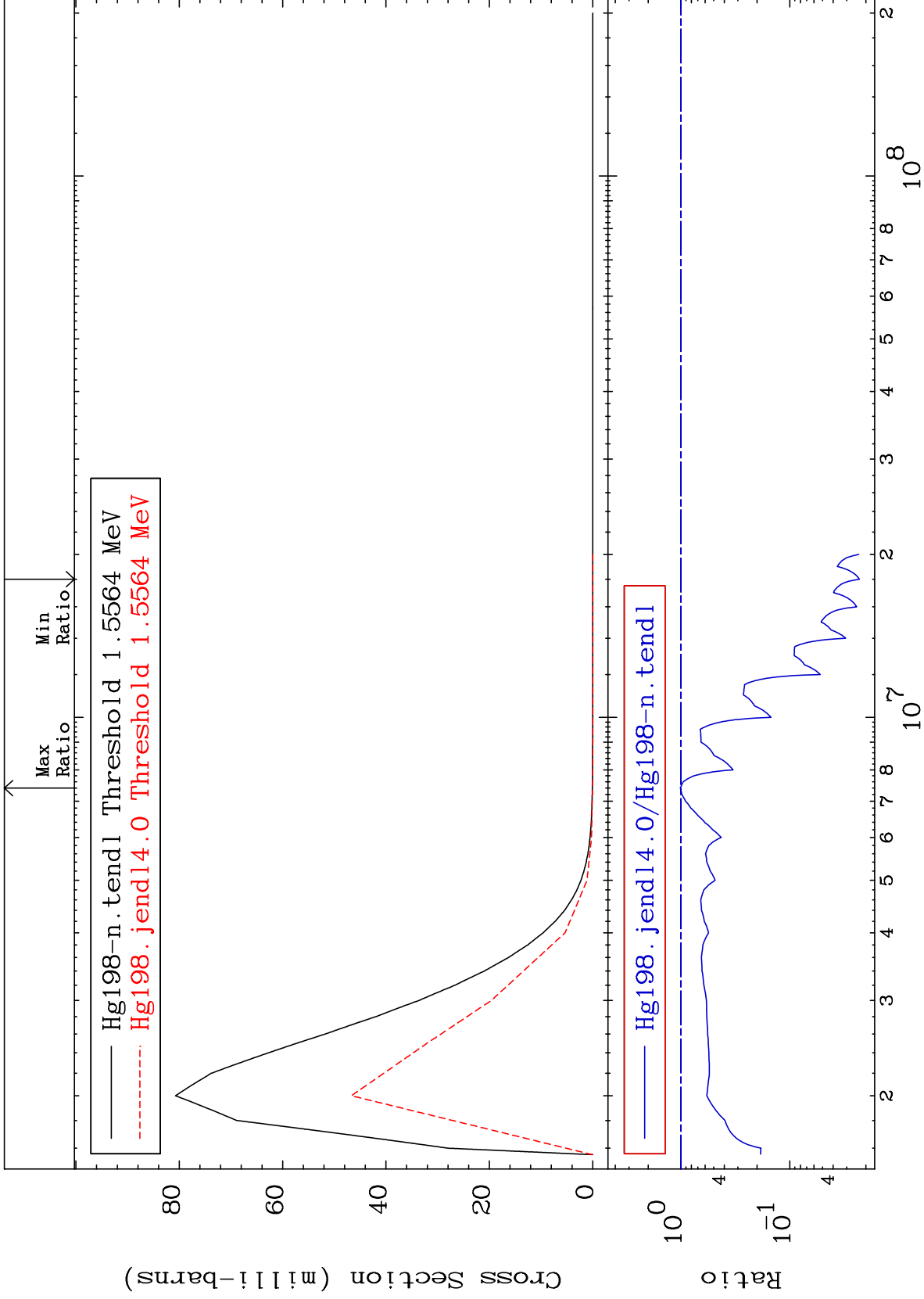
Cross Section



MAT 8031

1.548 MeV (n,n') Level
Cross Section

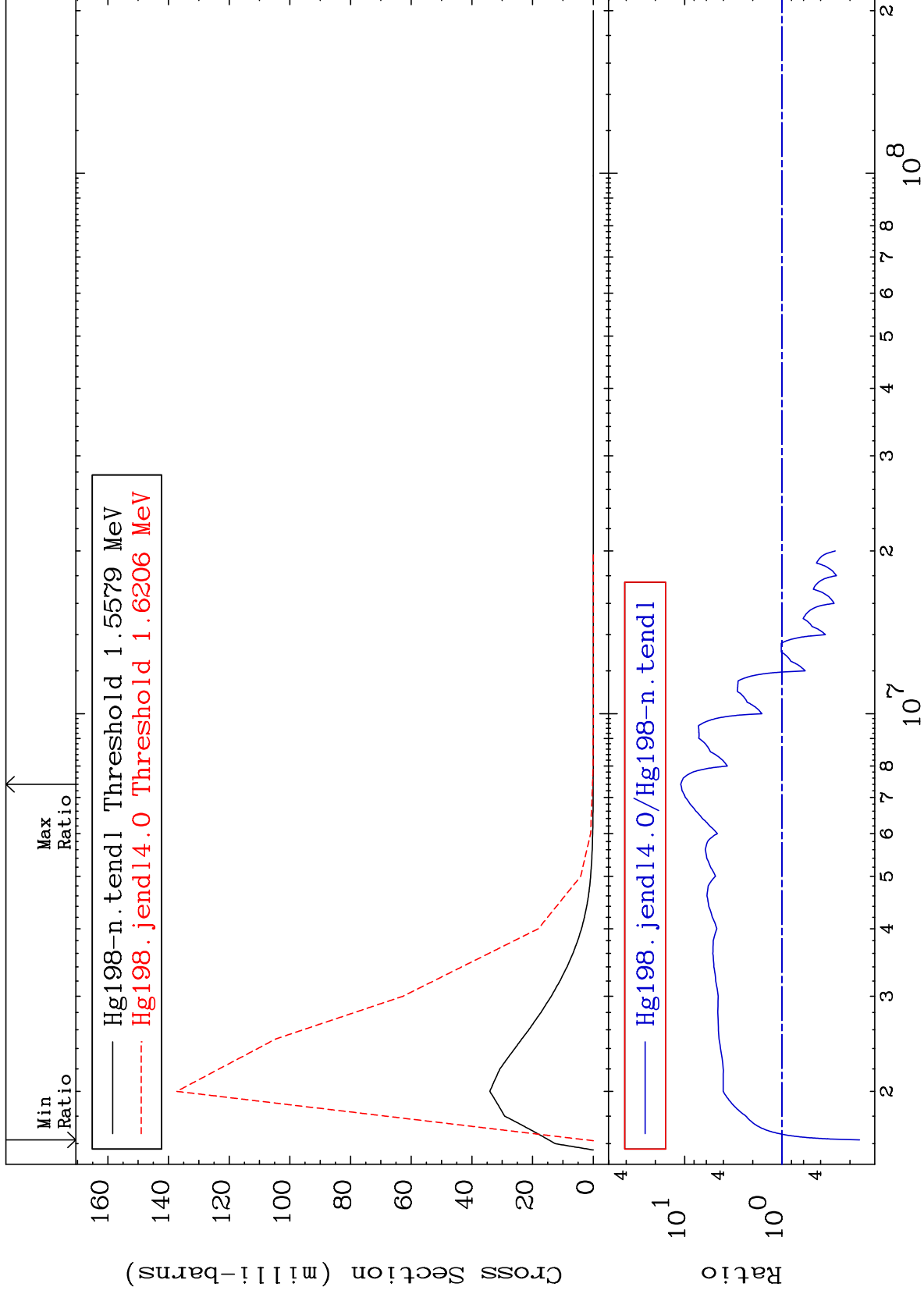
80-Hg-198
-97.71 To 1.130 %



MAT 8031

1.550 MeV (n,n') Level
Cross Section

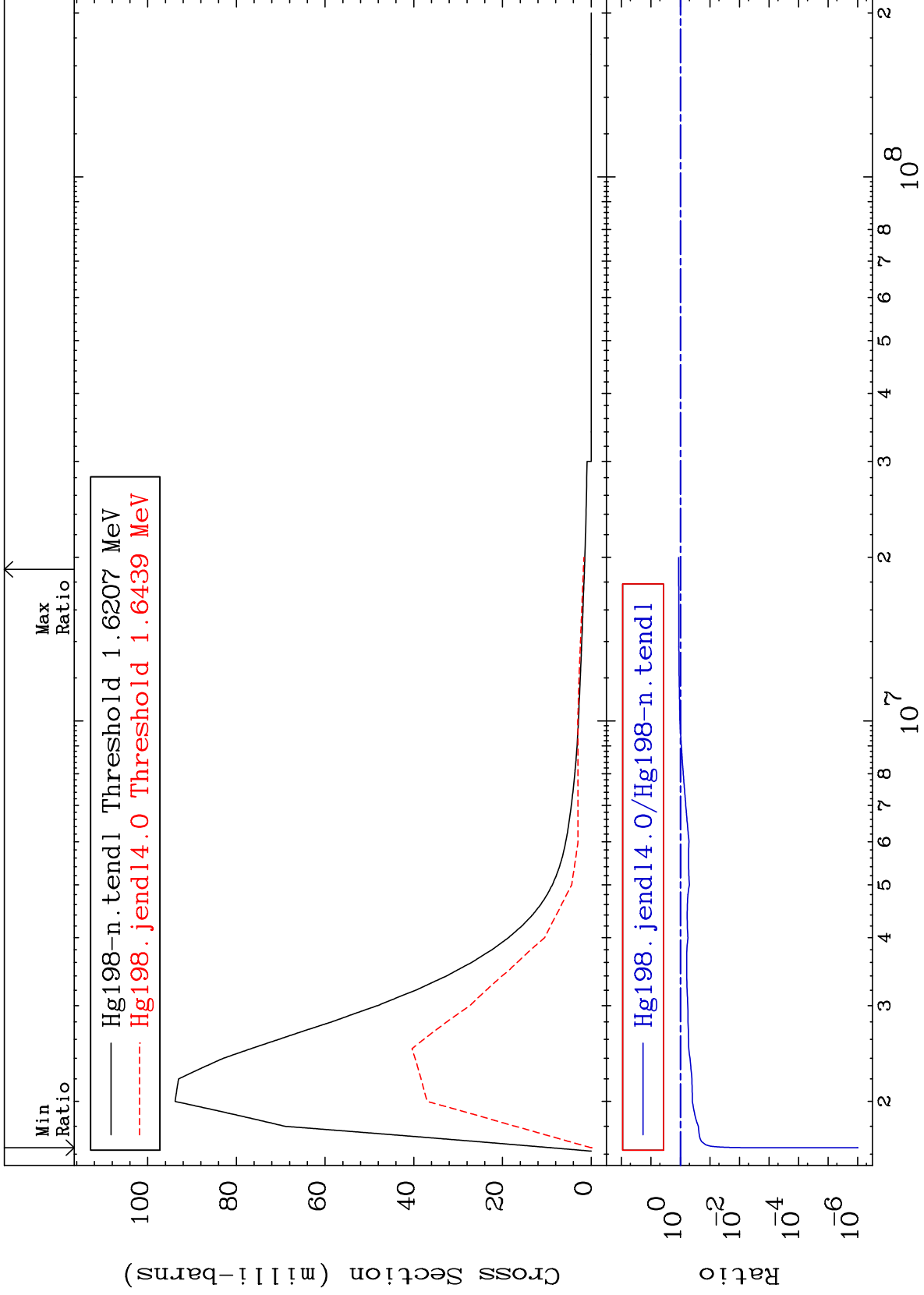
80-Hg-198
-84.05 To 996.5 %



MAT 8031

1.612 MeV (n,n') Level
Cross Section

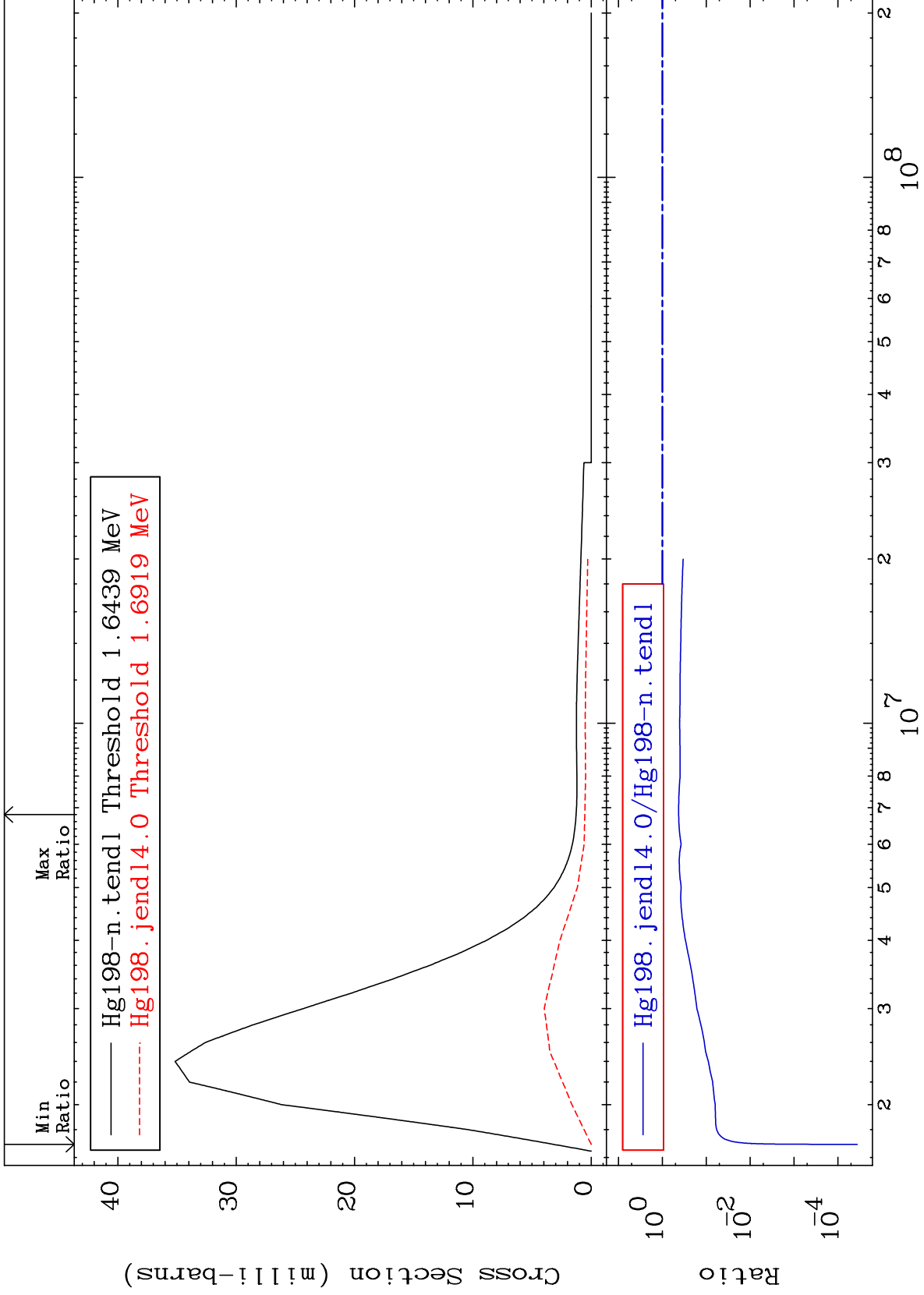
80-Hg-198
-100.0 To 15.64 %



MAT 8031

1.636 MeV (n,n') Level
Cross Section

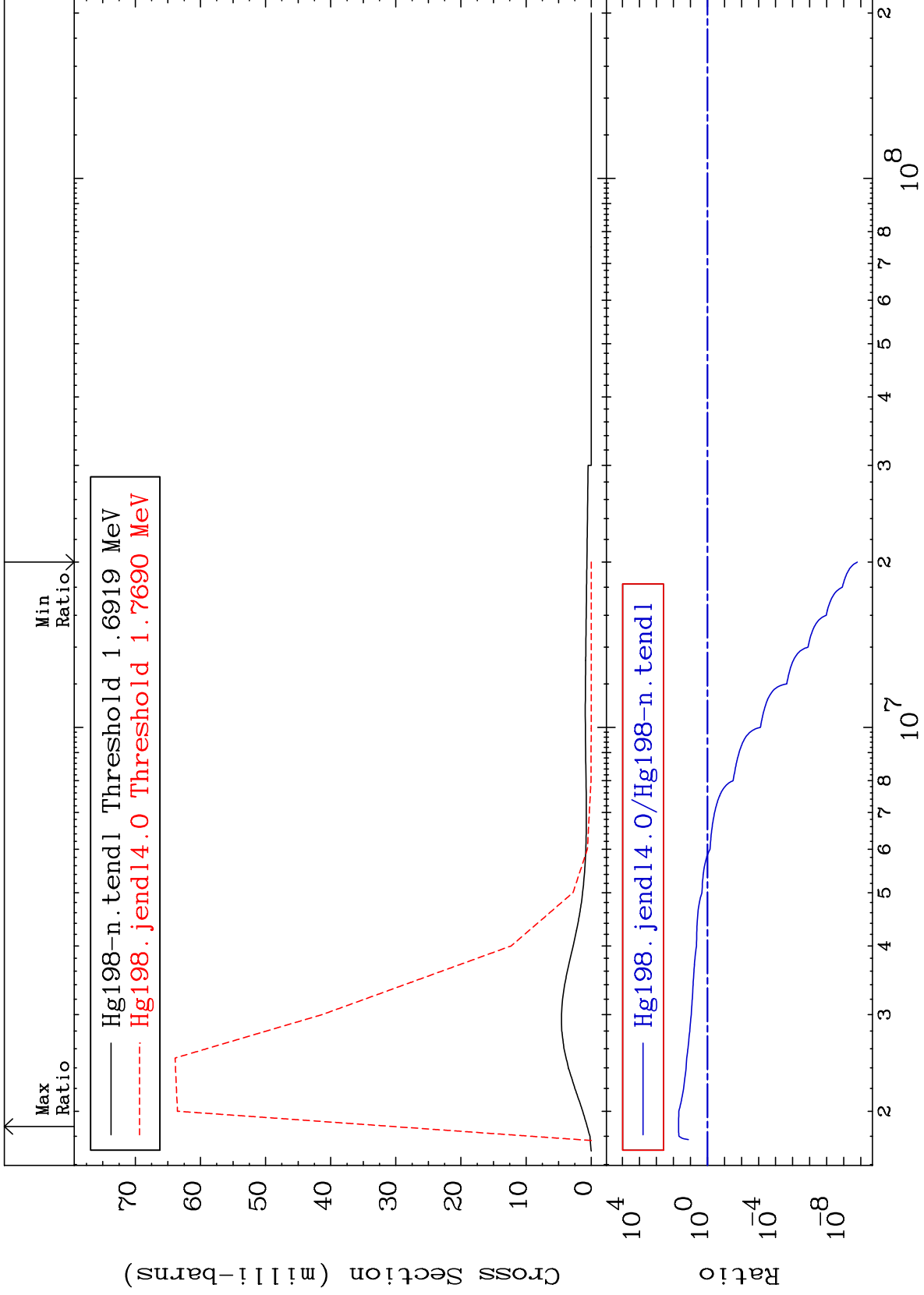
80-Hg-198
-100.0 To -57.52%



MAT 8031

1.683 MeV (n,n') Level
Cross Section

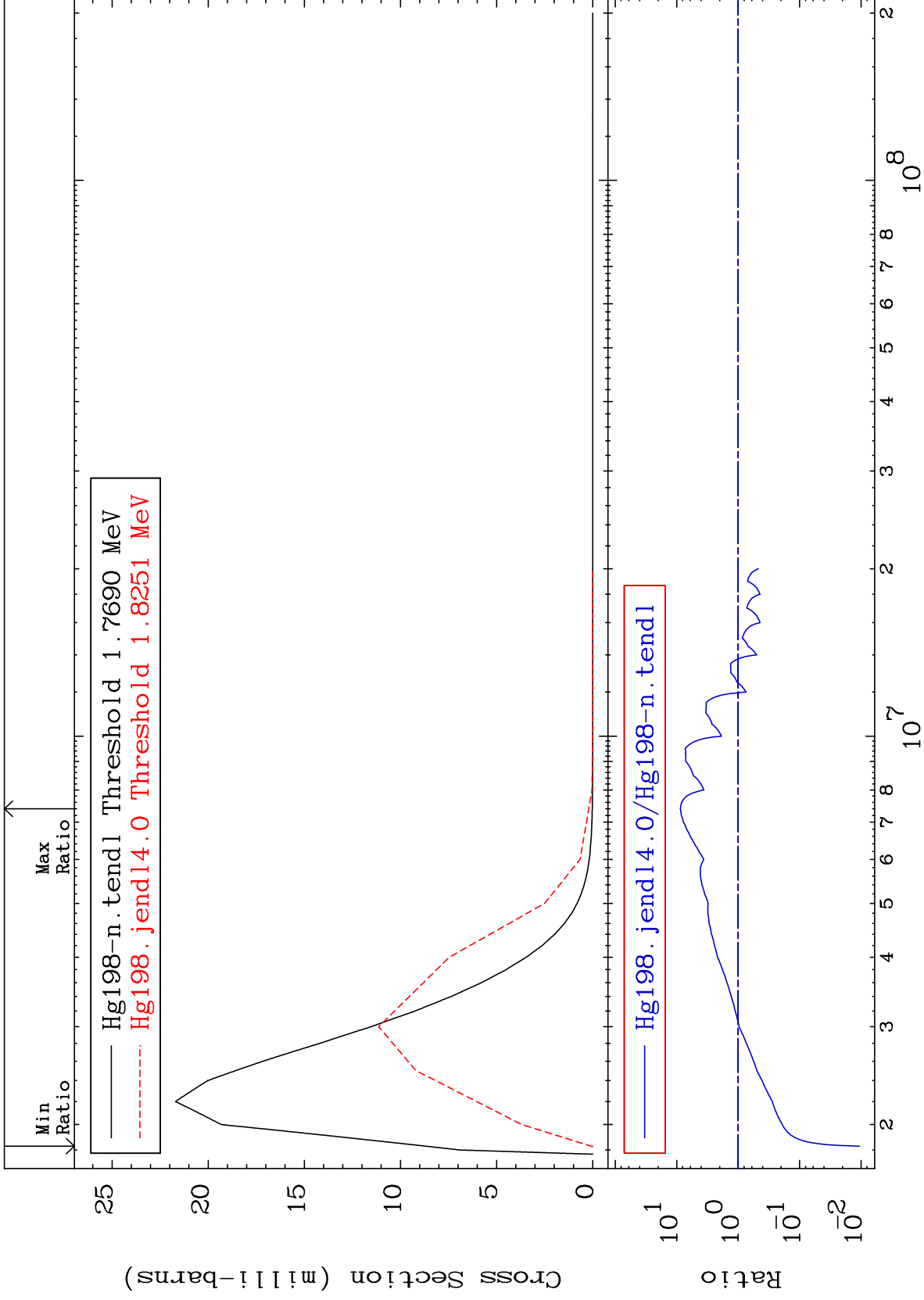
80-Hg-198
-100.0 To 4860. %



MAT 8031

1.760 MeV (n,n') Level
Cross Section

80-Hg-198
-98.94 To 771.1 %



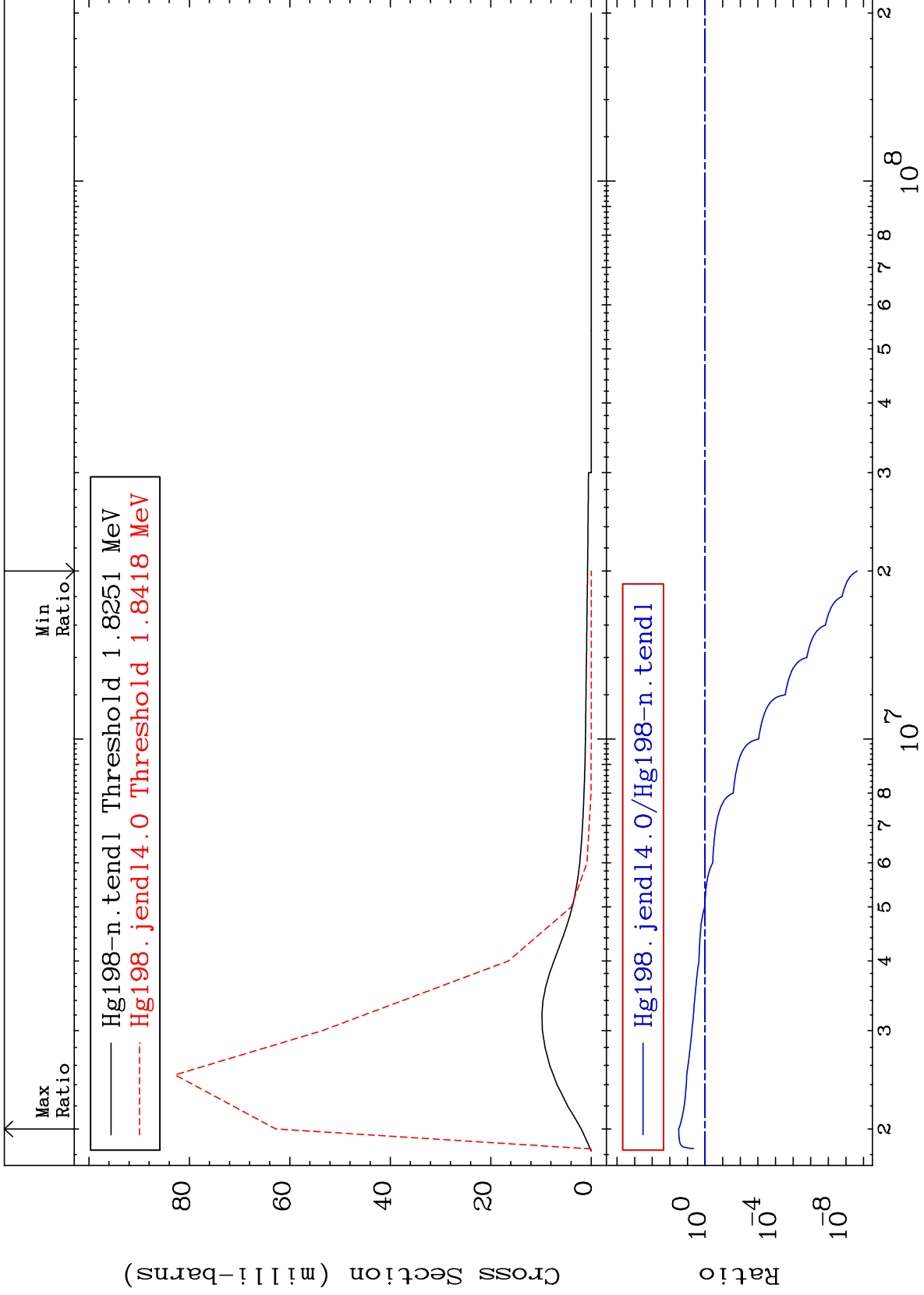
18

80-Hg-198

MAT 8031

1.816 MeV (n,n') Level
Cross Section

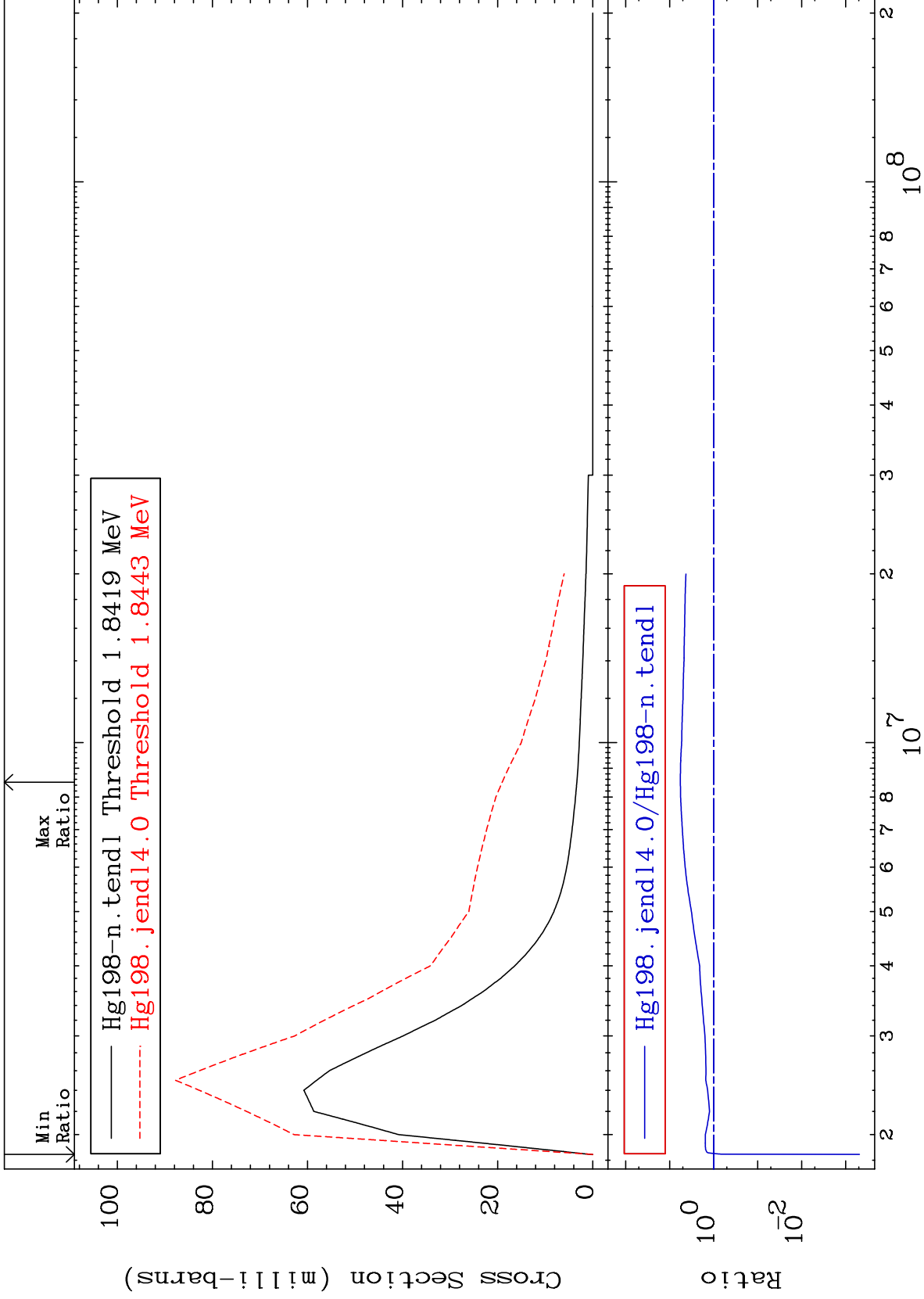
80-Hg-198
-100.0 To 3070. %



MAT 8031

1.833 MeV (n,n') Level
Cross Section

80-Hg-198
-99.95 To 470.6 %



20

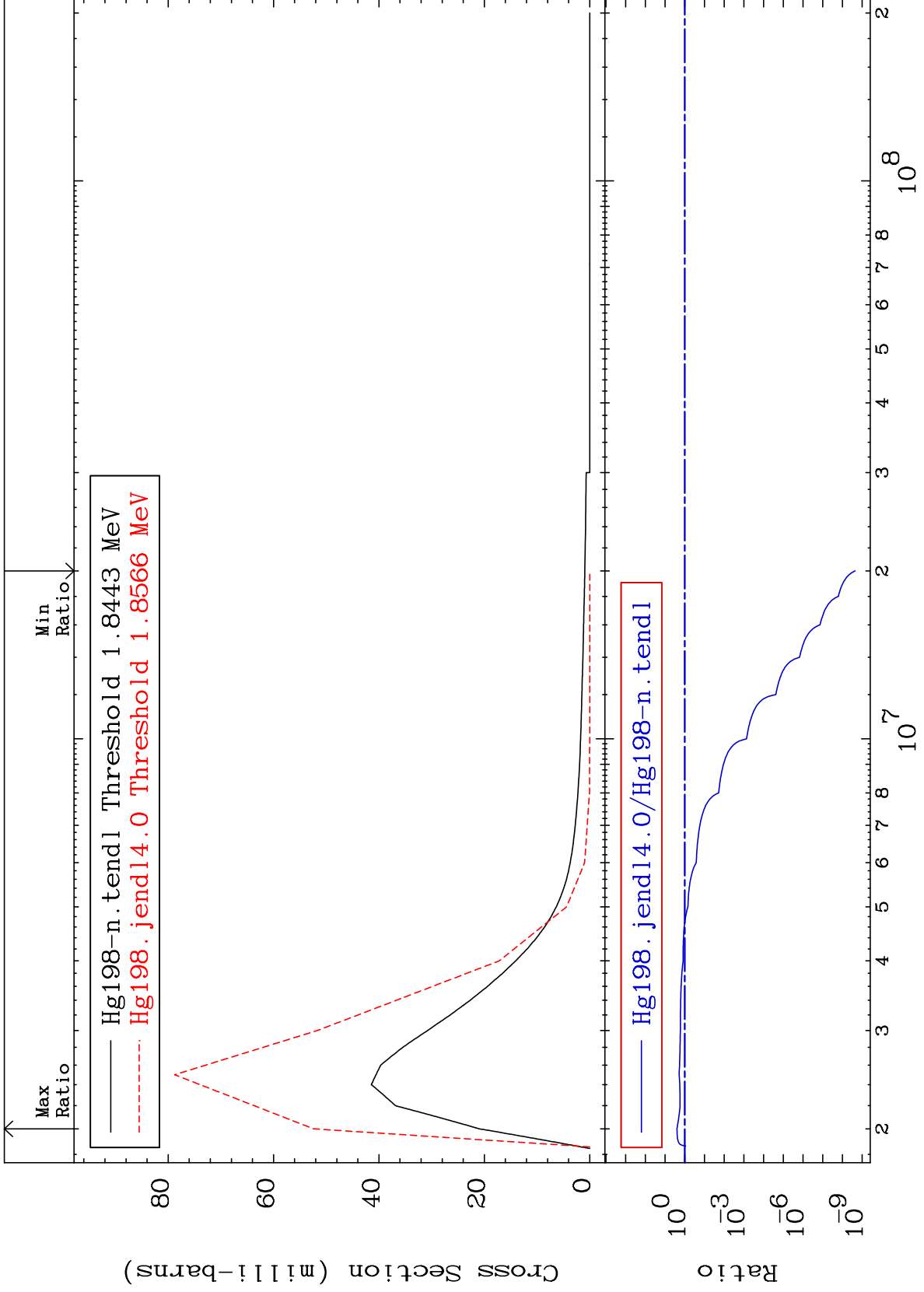
Incident Energy (eV)

80-Hg-198

MAT 8031

1.835 MeV (n,n') Level
Cross Section

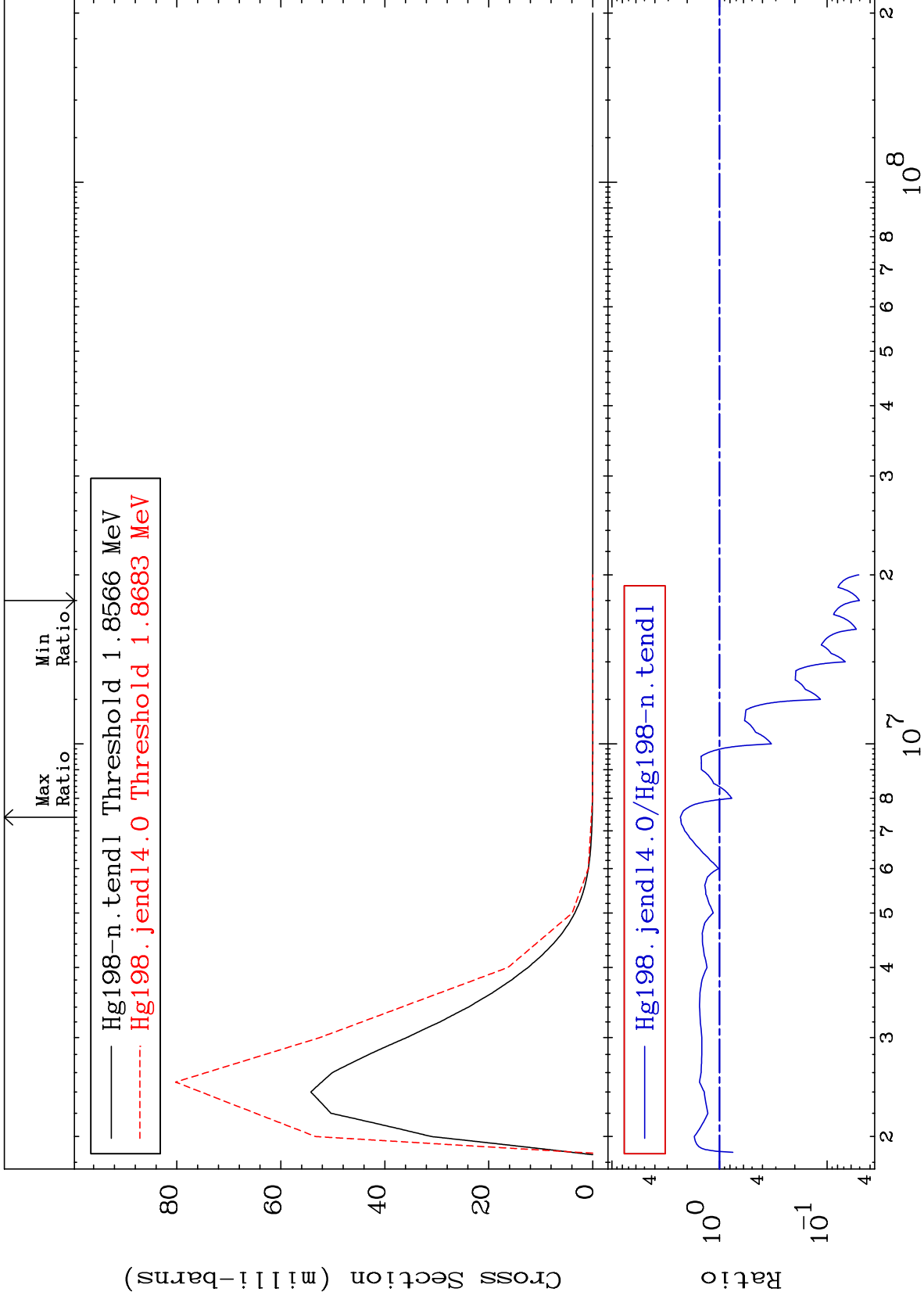
80-Hg-198
-100.0 To 150.2 %



MAT 8031

1.847 MeV (n,n') Level
Cross Section

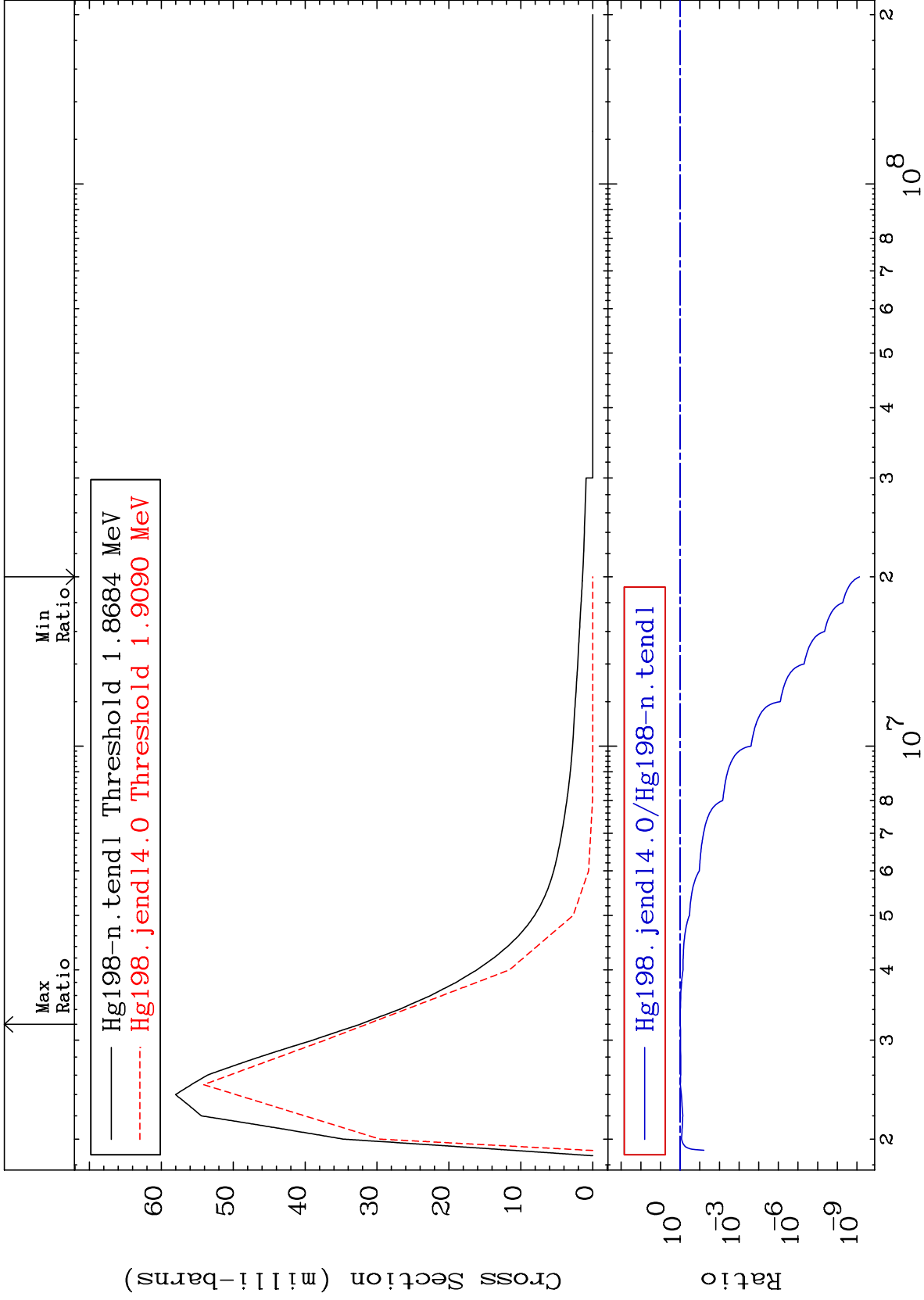
80-Hg-198
-94.99 To 131.5 %



MAT 8031

1.859 MeV (n,n') Level
Cross Section

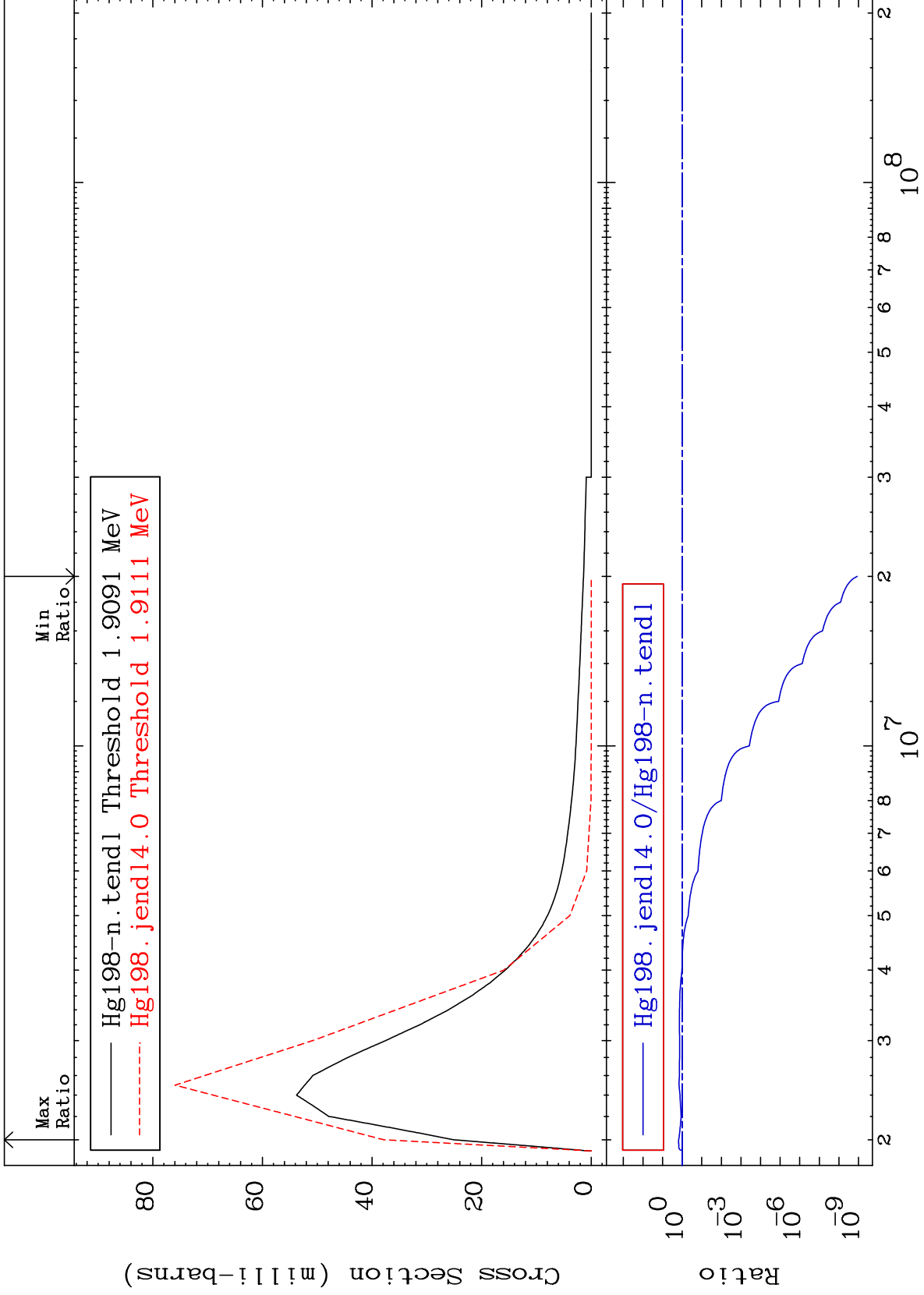
80-Hg-198
-100.0 To -2.771%



MAT 8031

1.899 MeV (n,n') Level
Cross Section

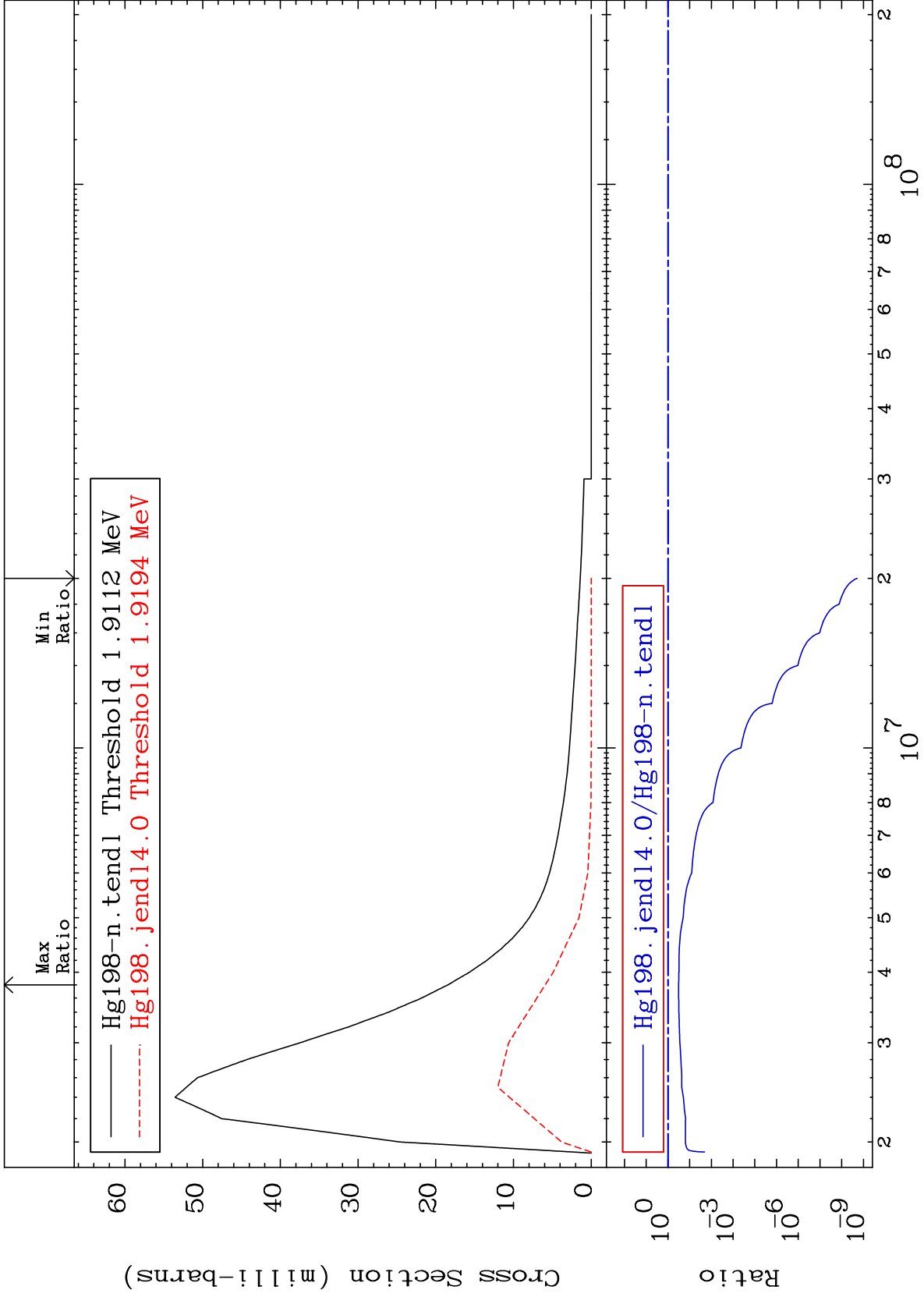
80-Hg-198
-100.0 To 51.05 %

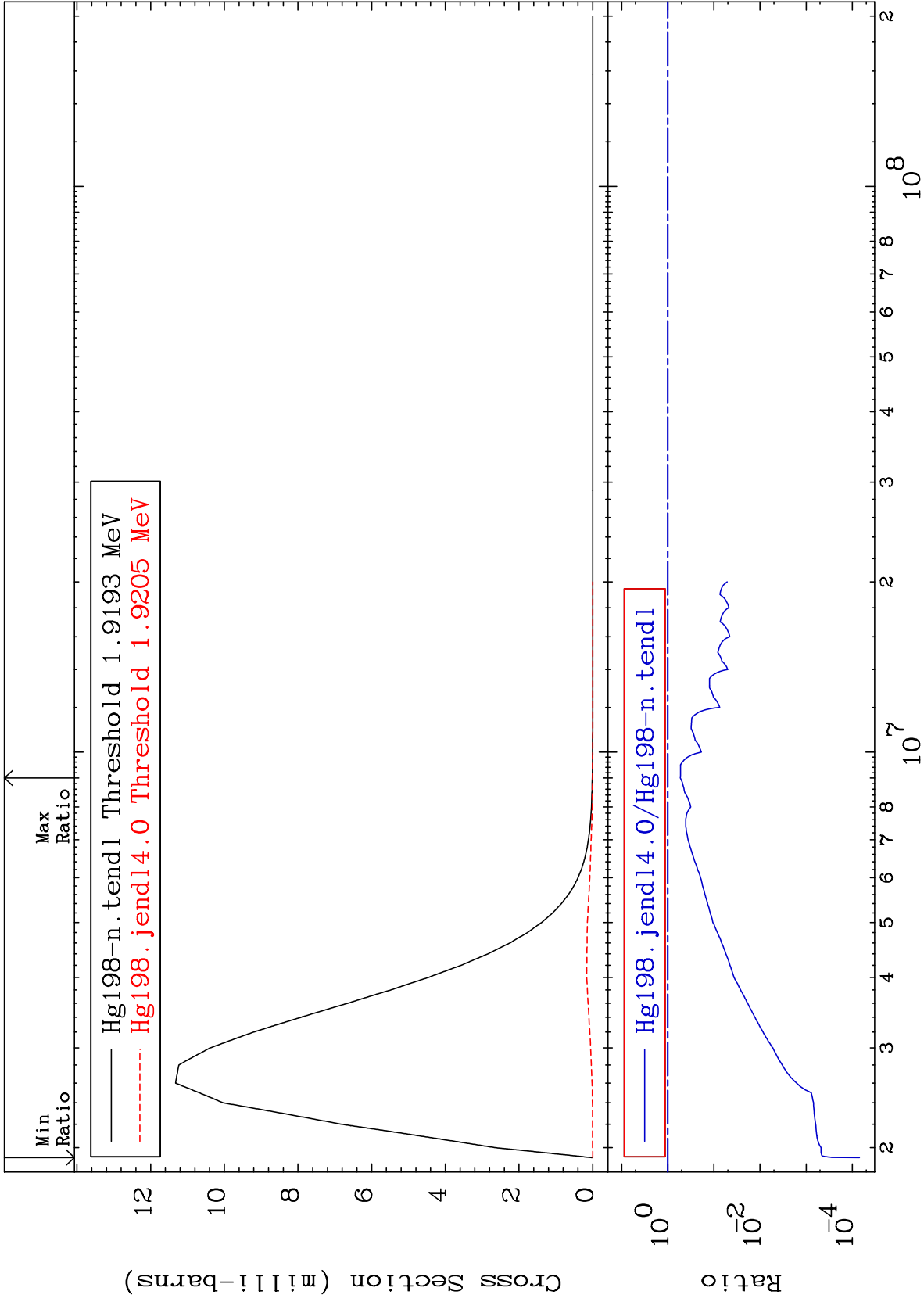


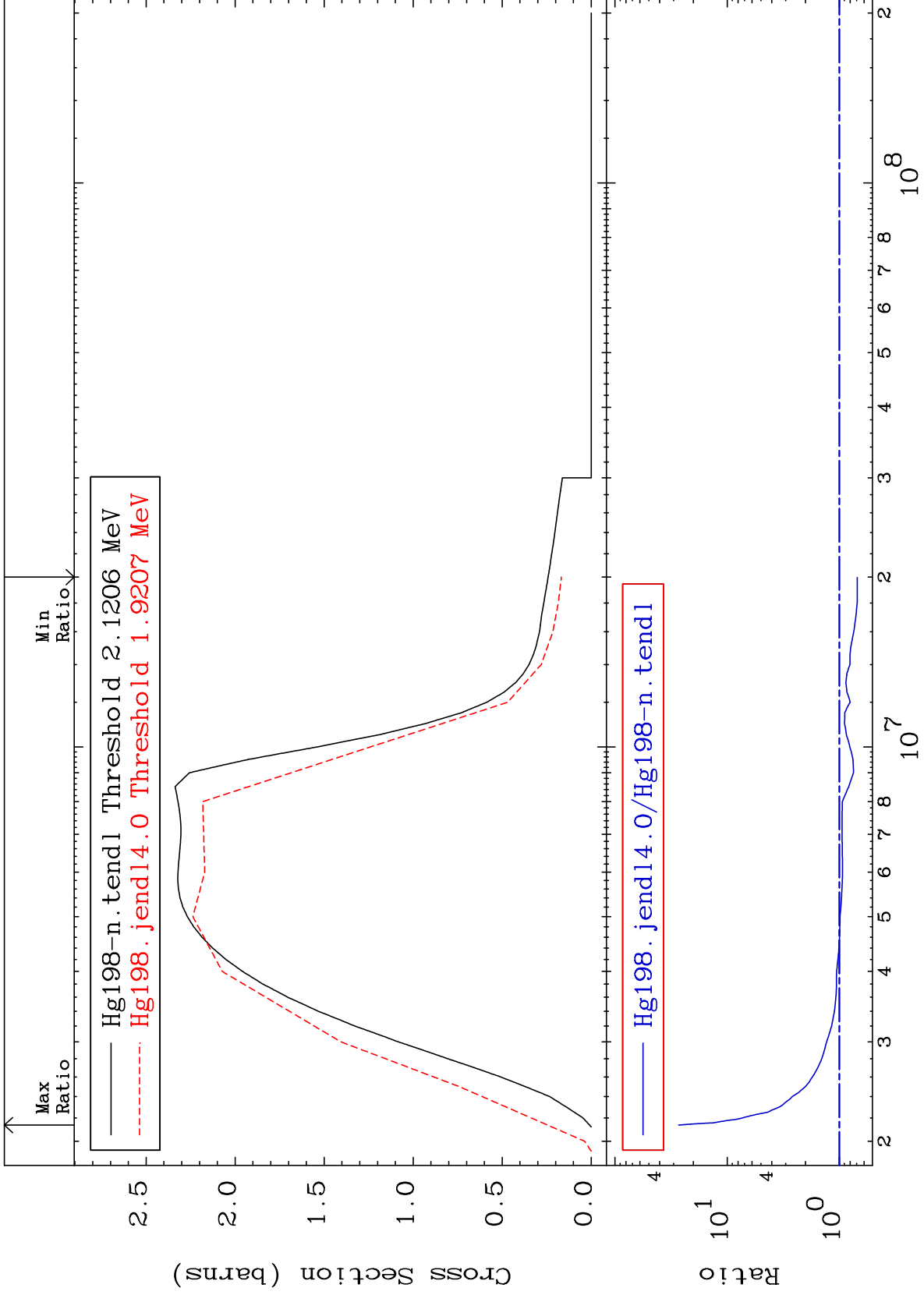
MAT 8031

1.902 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To -67.92%



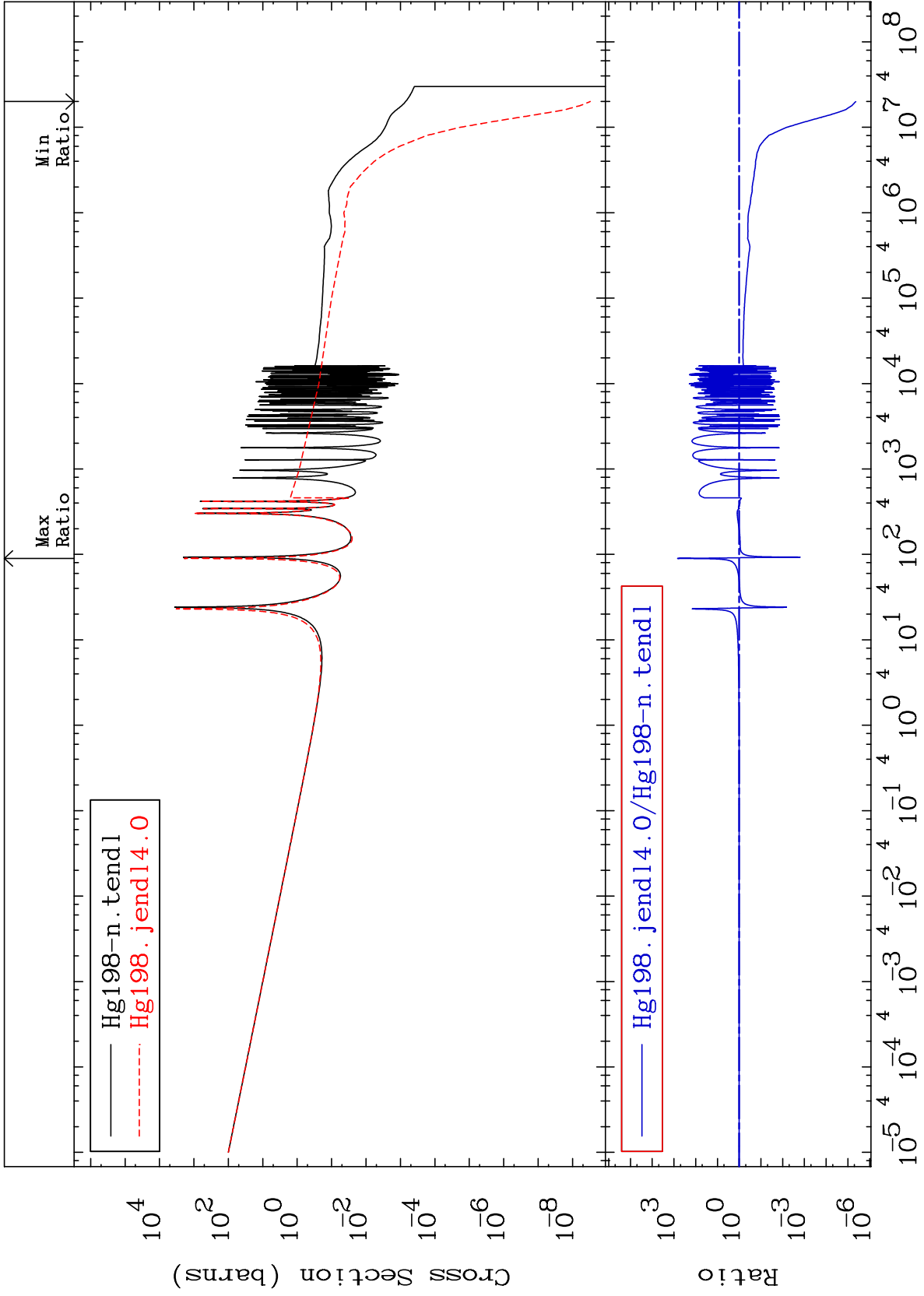




MAT 8031

(n, γ)
Cross Section

80-Hg-198
-100.0 To 9999. %



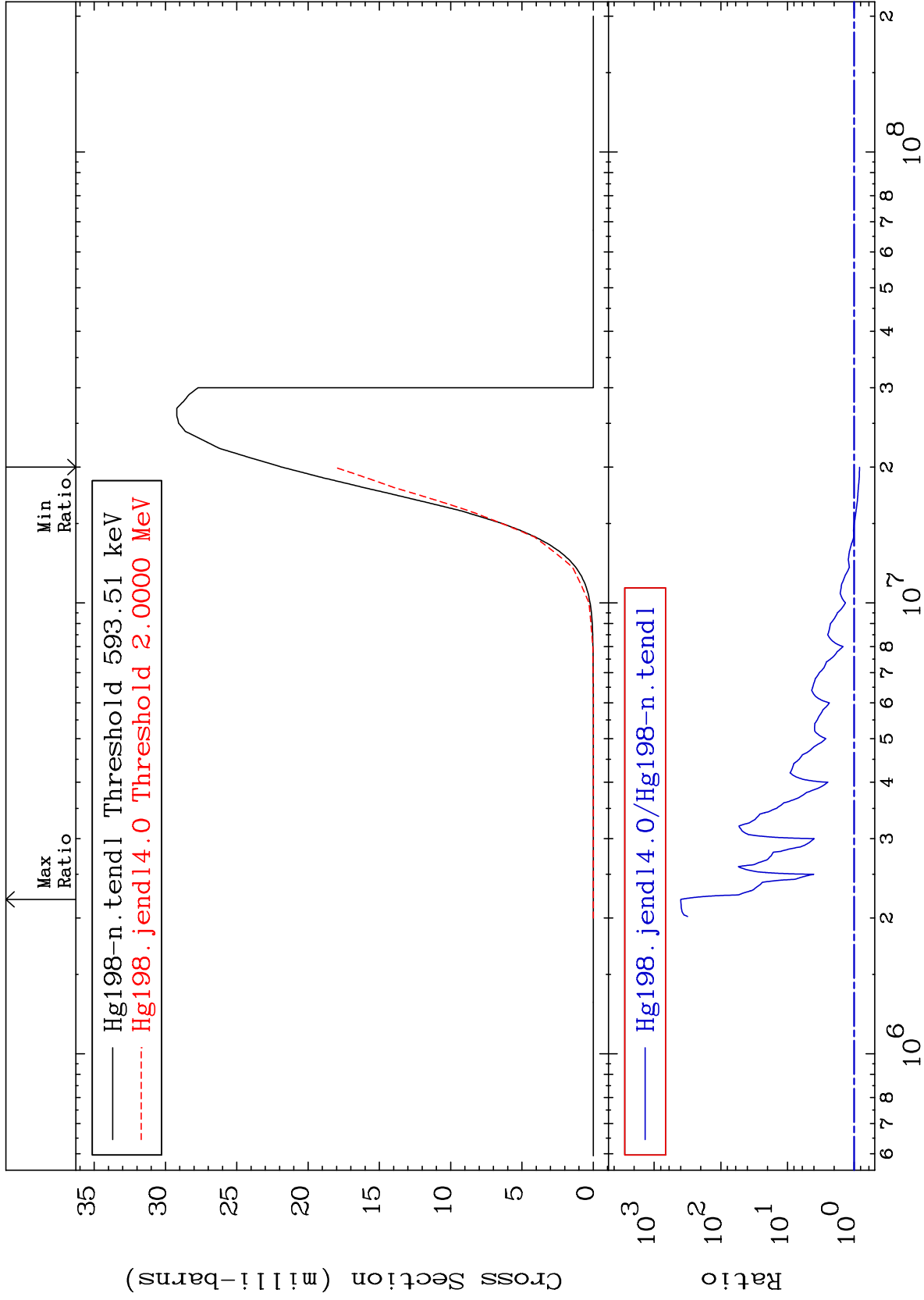
MAT 8031

(n, p)

80-Hg-198

Cross Section

-16.89 To 9999. %



29

Incident Energy (eV)

80-Hg-198

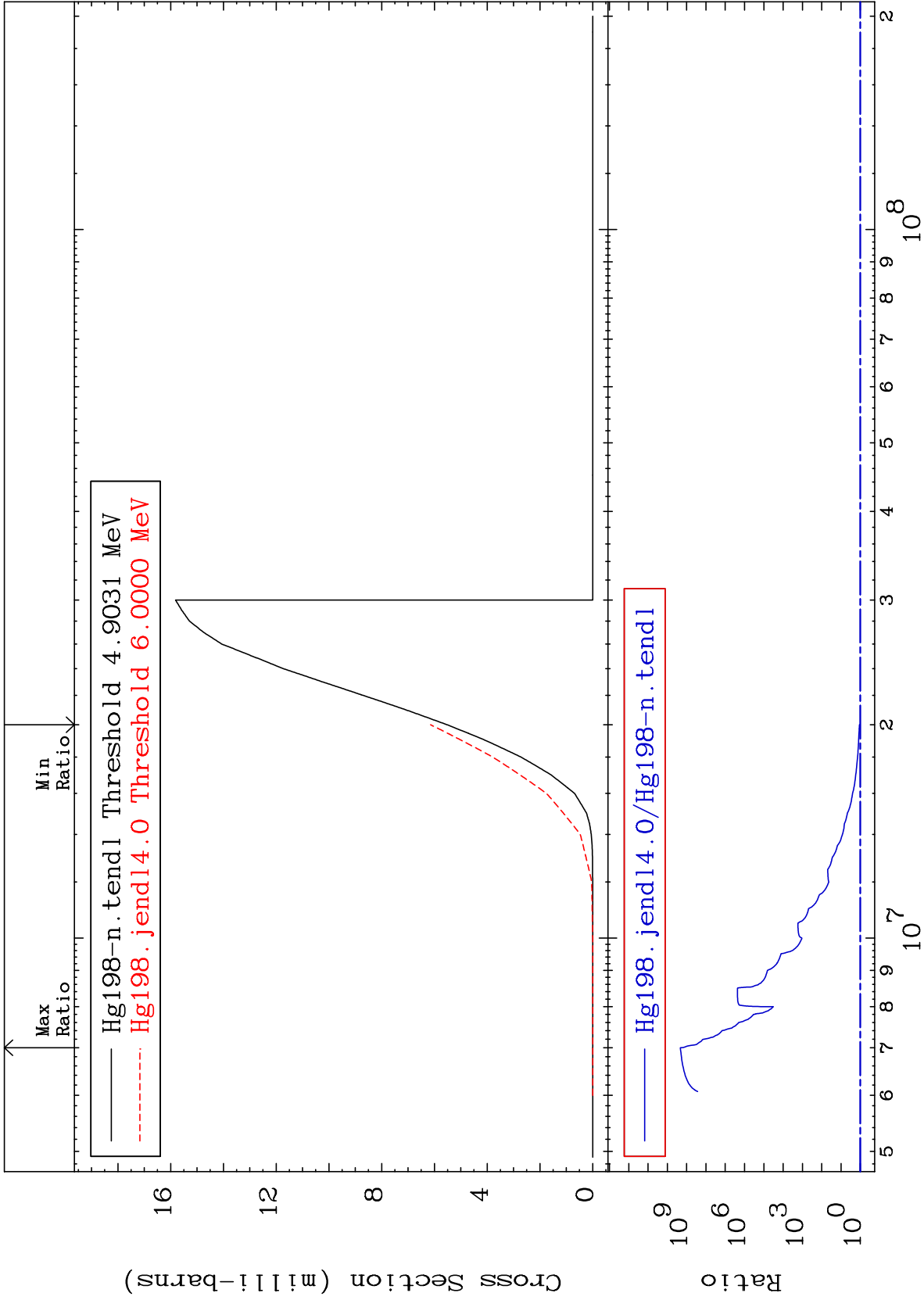
MAT 8031

(n, d)

80-Hg-198

Cross Section

11.26 To 9999. %



30

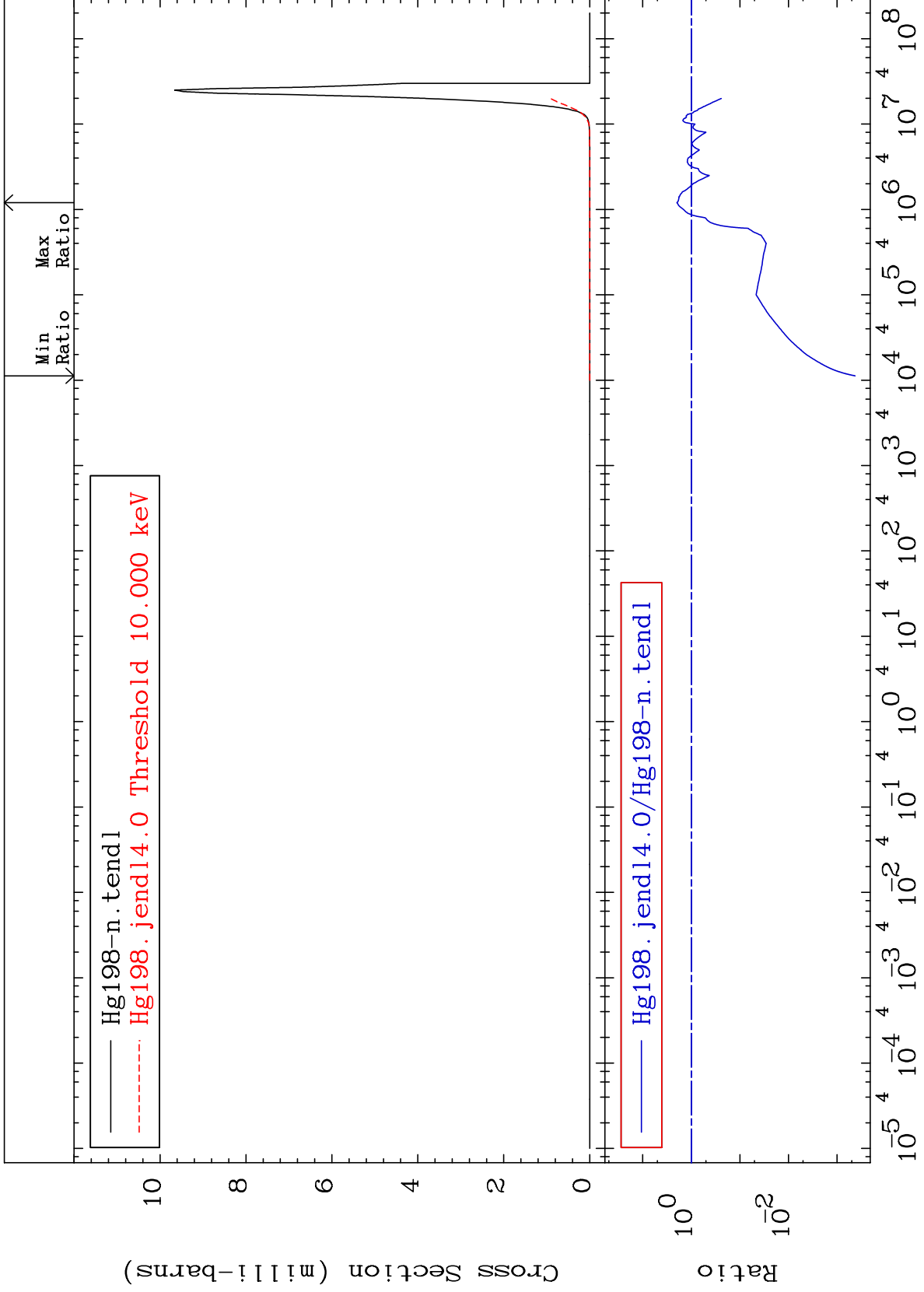
80-Hg-198

MAT 8031

(n, α)

Cross Section

80-Hg-198
-99.96 To 97.83 %



31

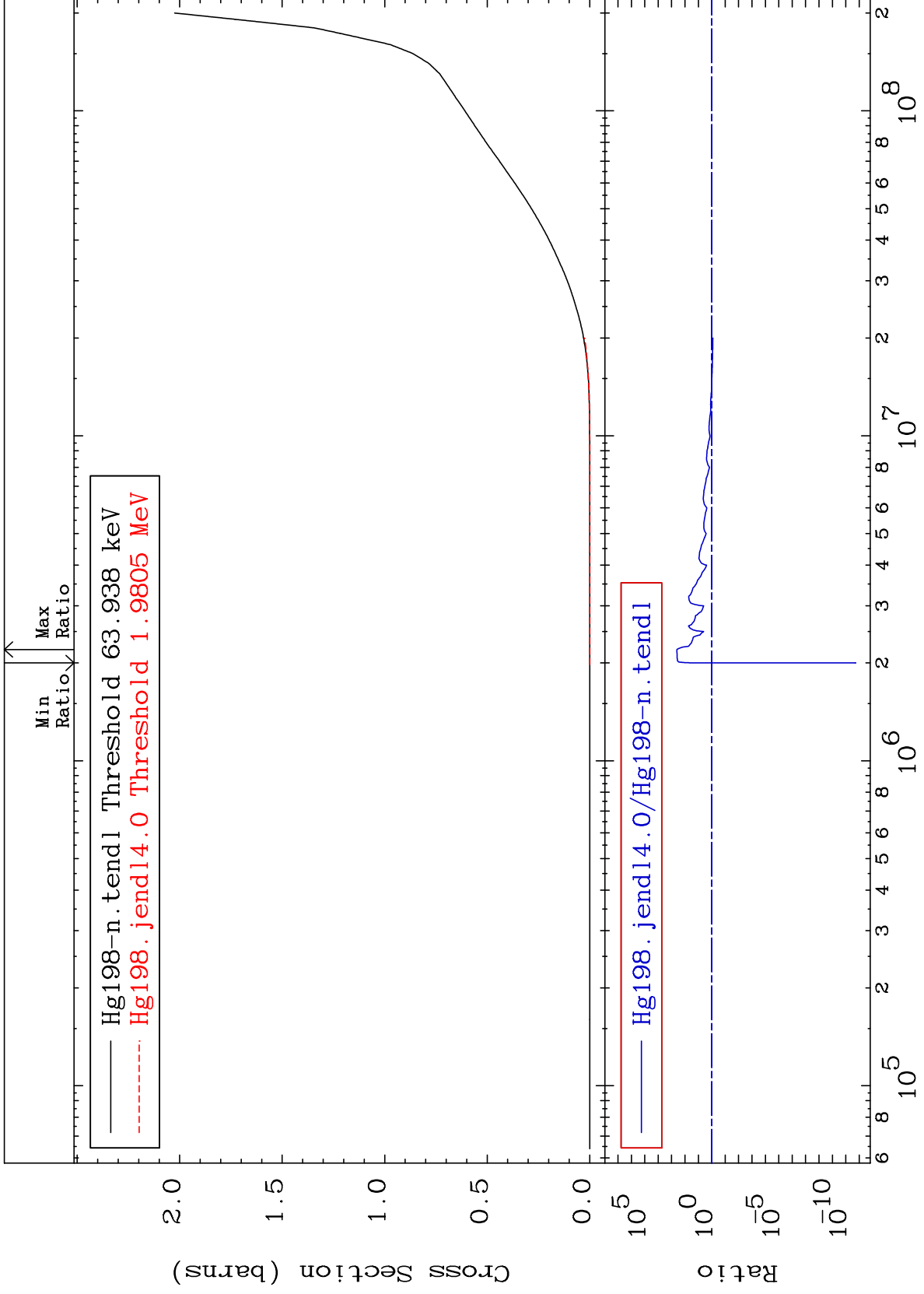
Incident Energy (eV)

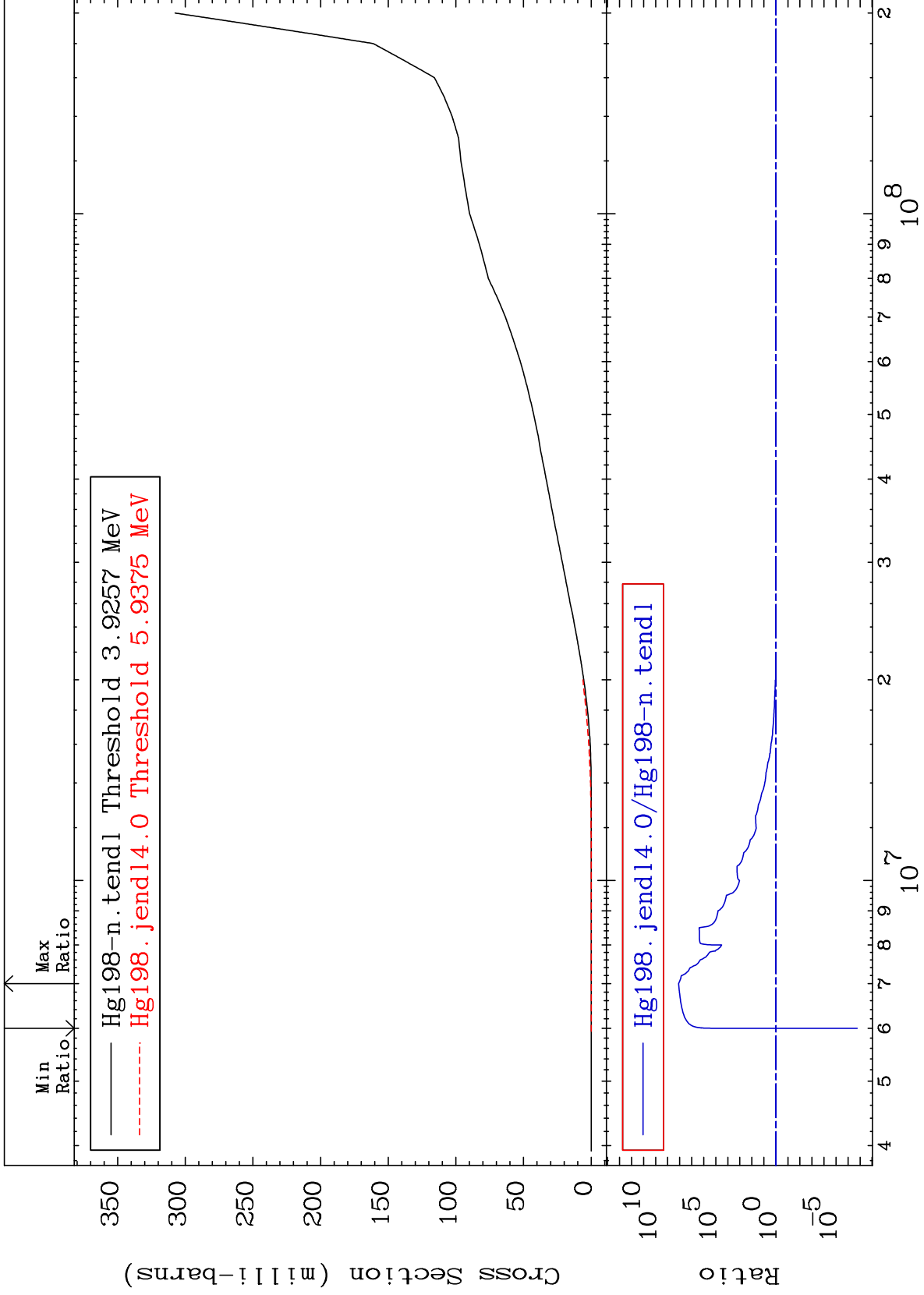
80-Hg-198

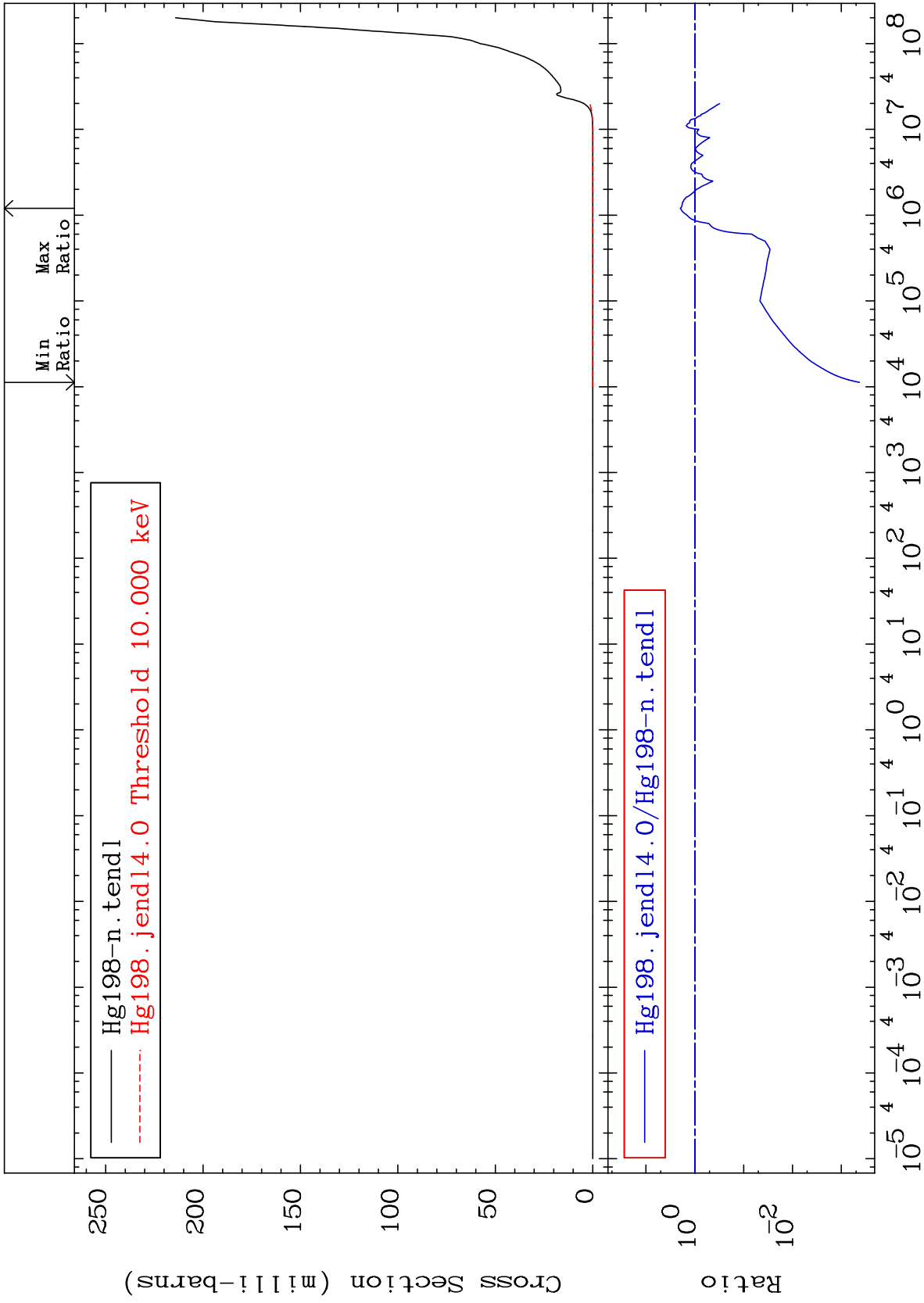
MAT 8031

Hydrogen Production
Cross Section

80-Hg-198
-100.0 To 9999. %

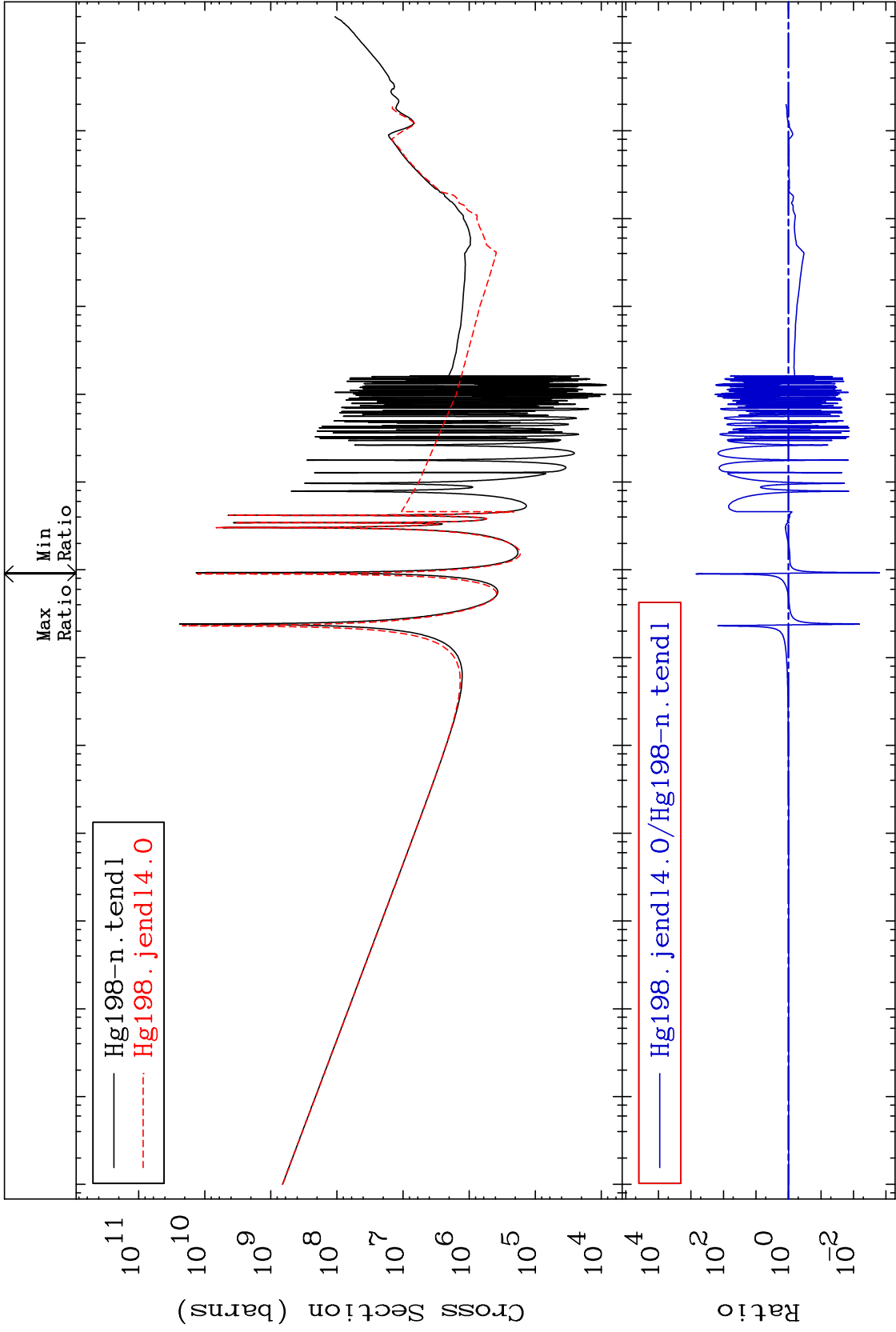






Cross Section

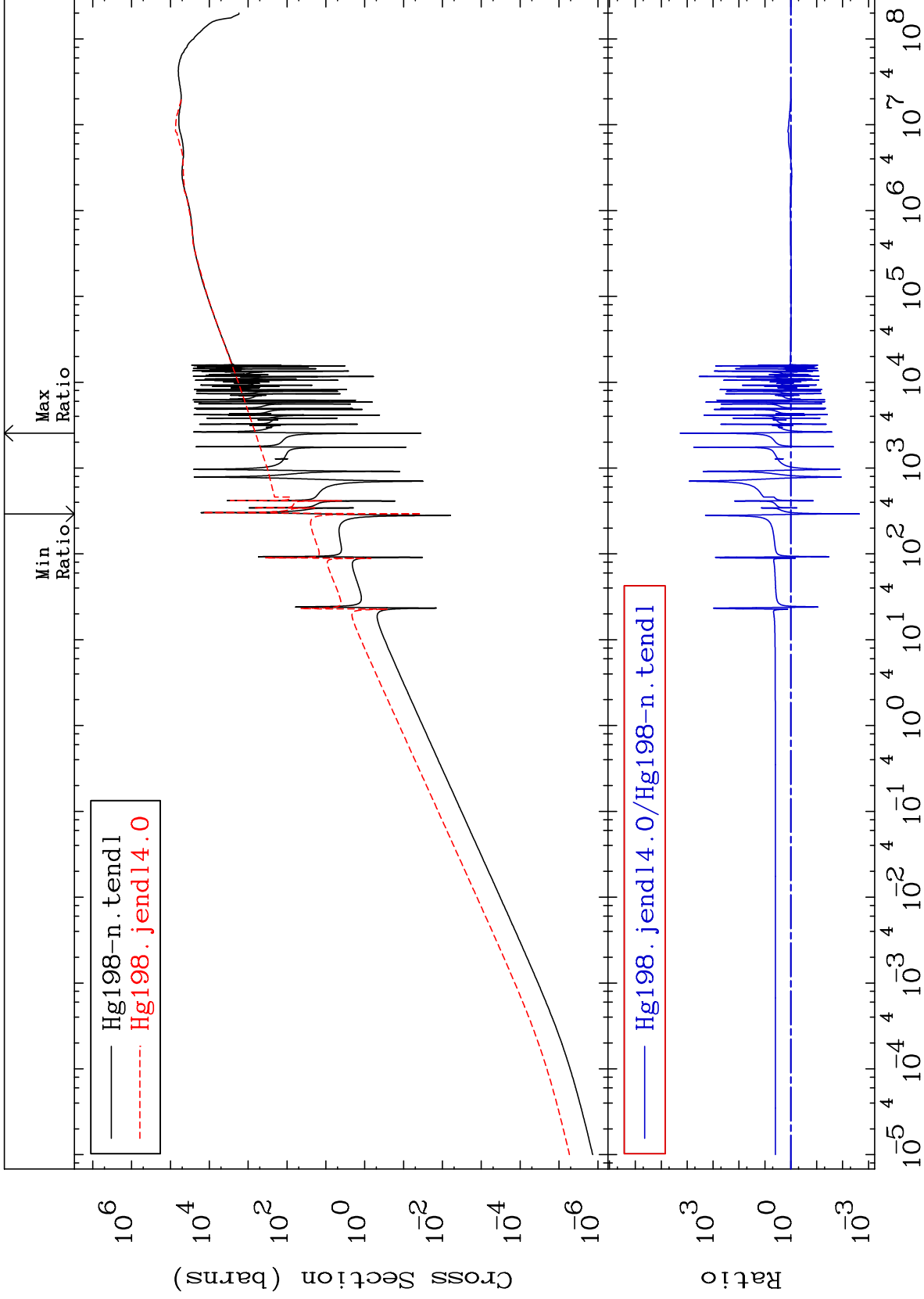
-99.84 To 9999. %

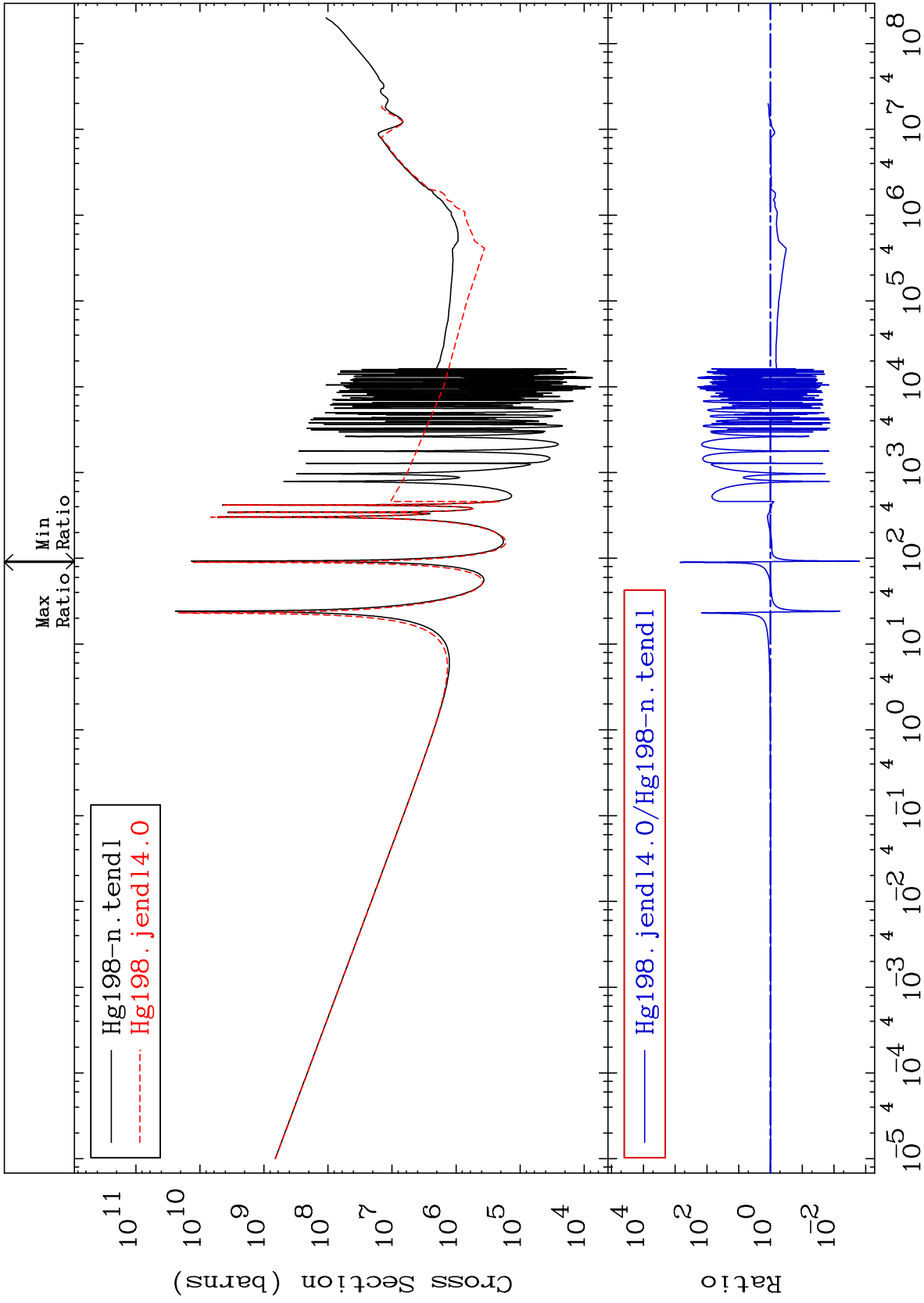


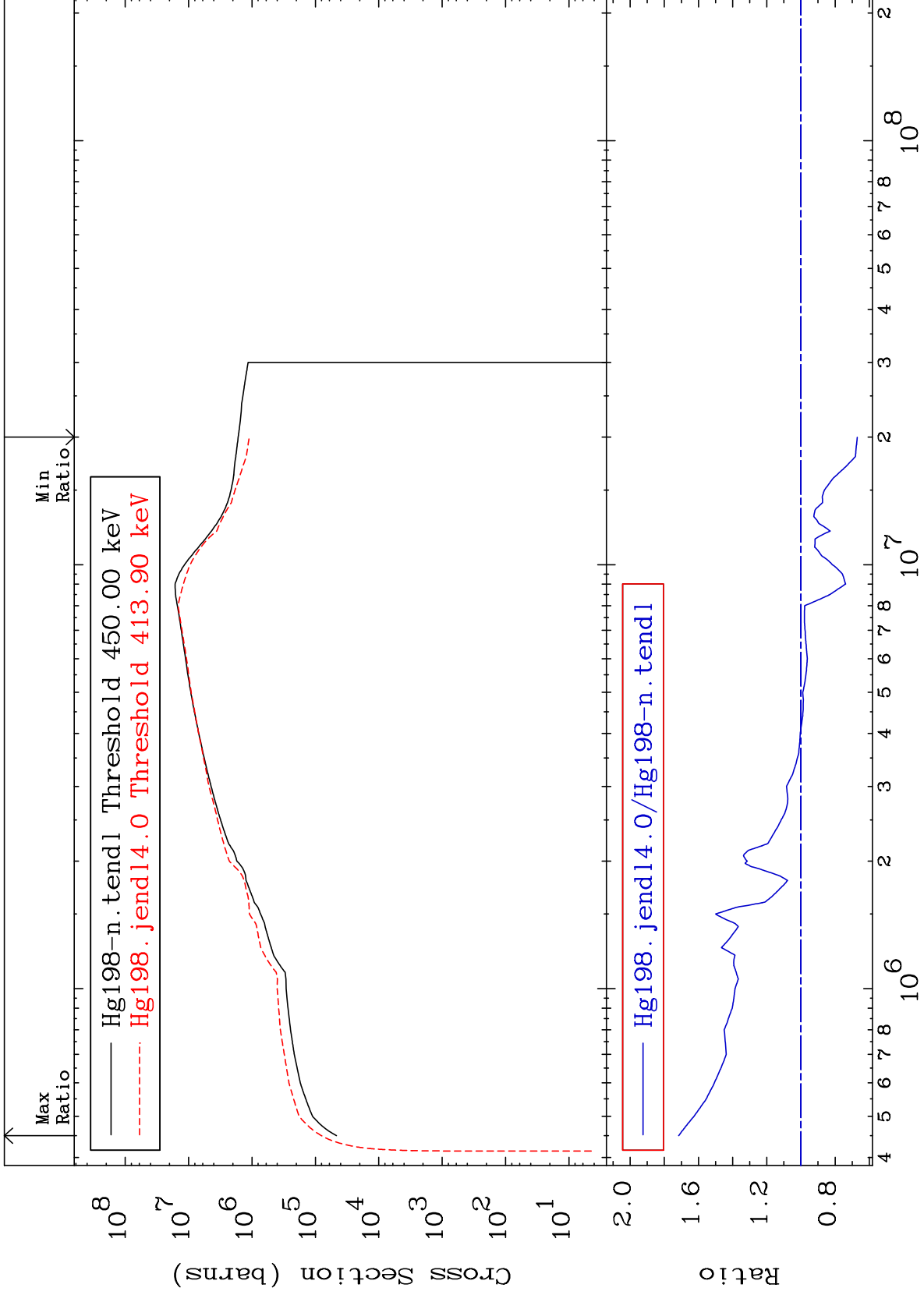
MAT 8031

Kerma elastic
Cross Section

80-Hg-198
-99.78 To 9999. %



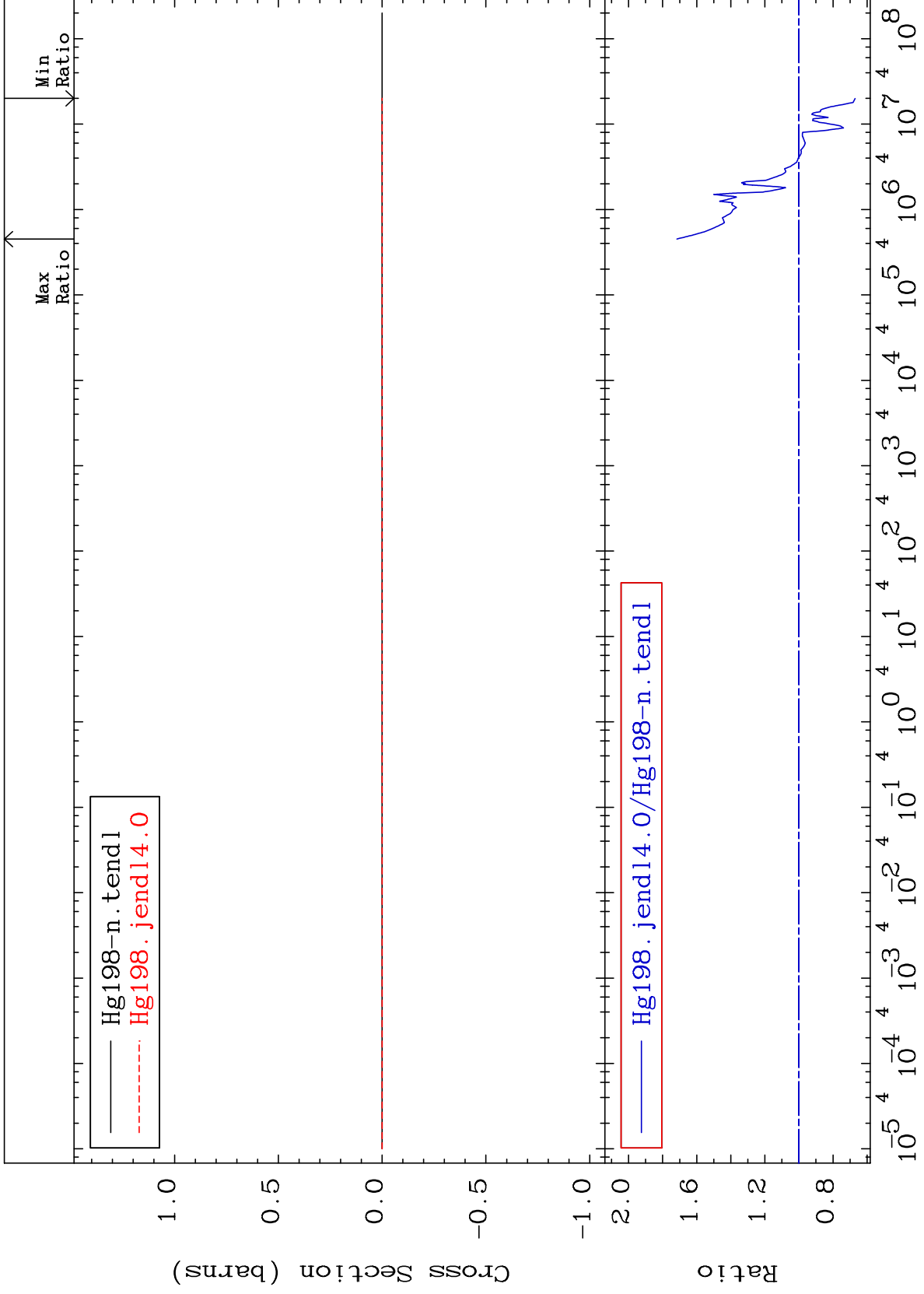




MAT 8031

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

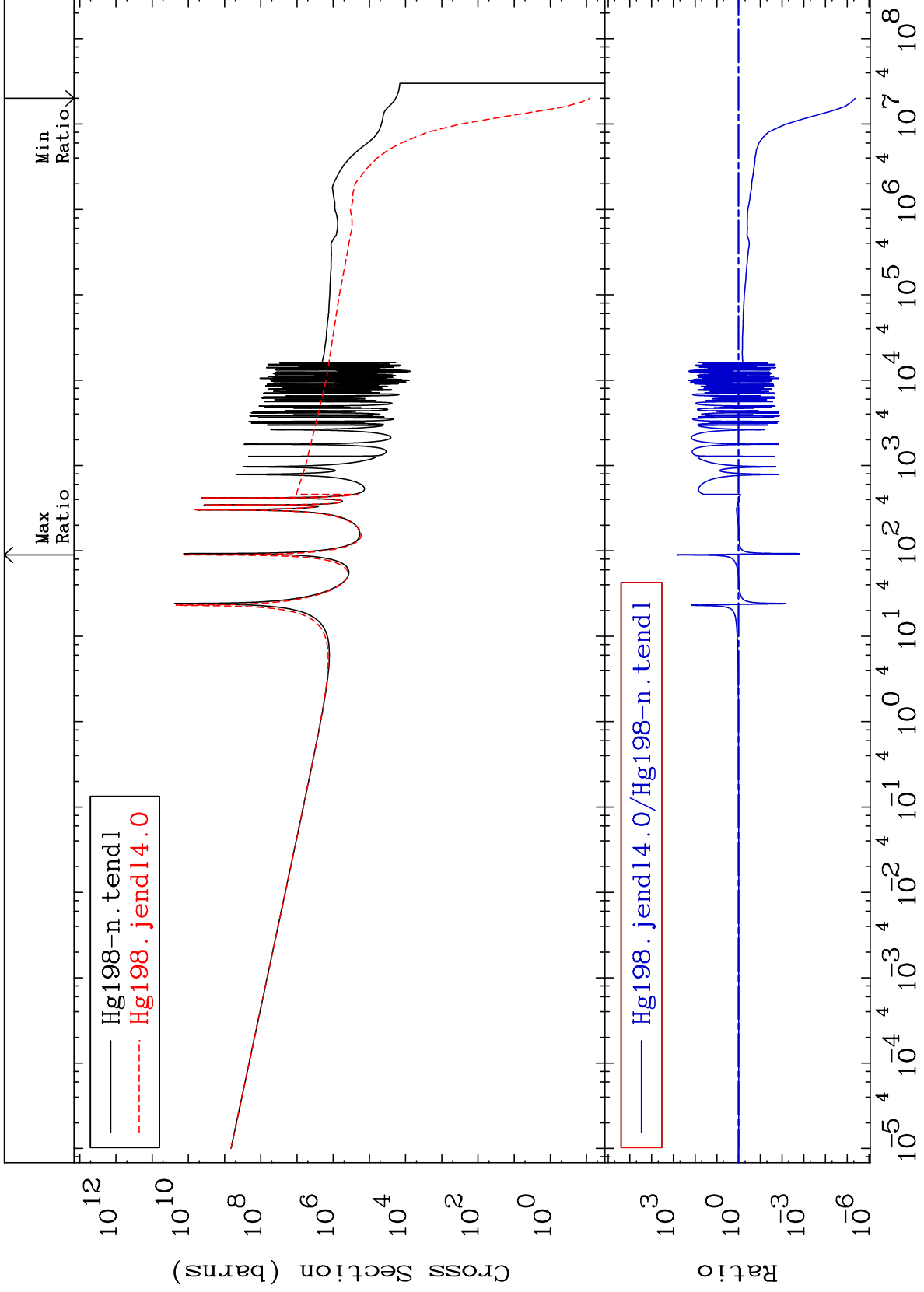
80-Hg-198
-32.96 To 71.62 %



MAT 8031

Kerma capture (mt102)
Cross Section

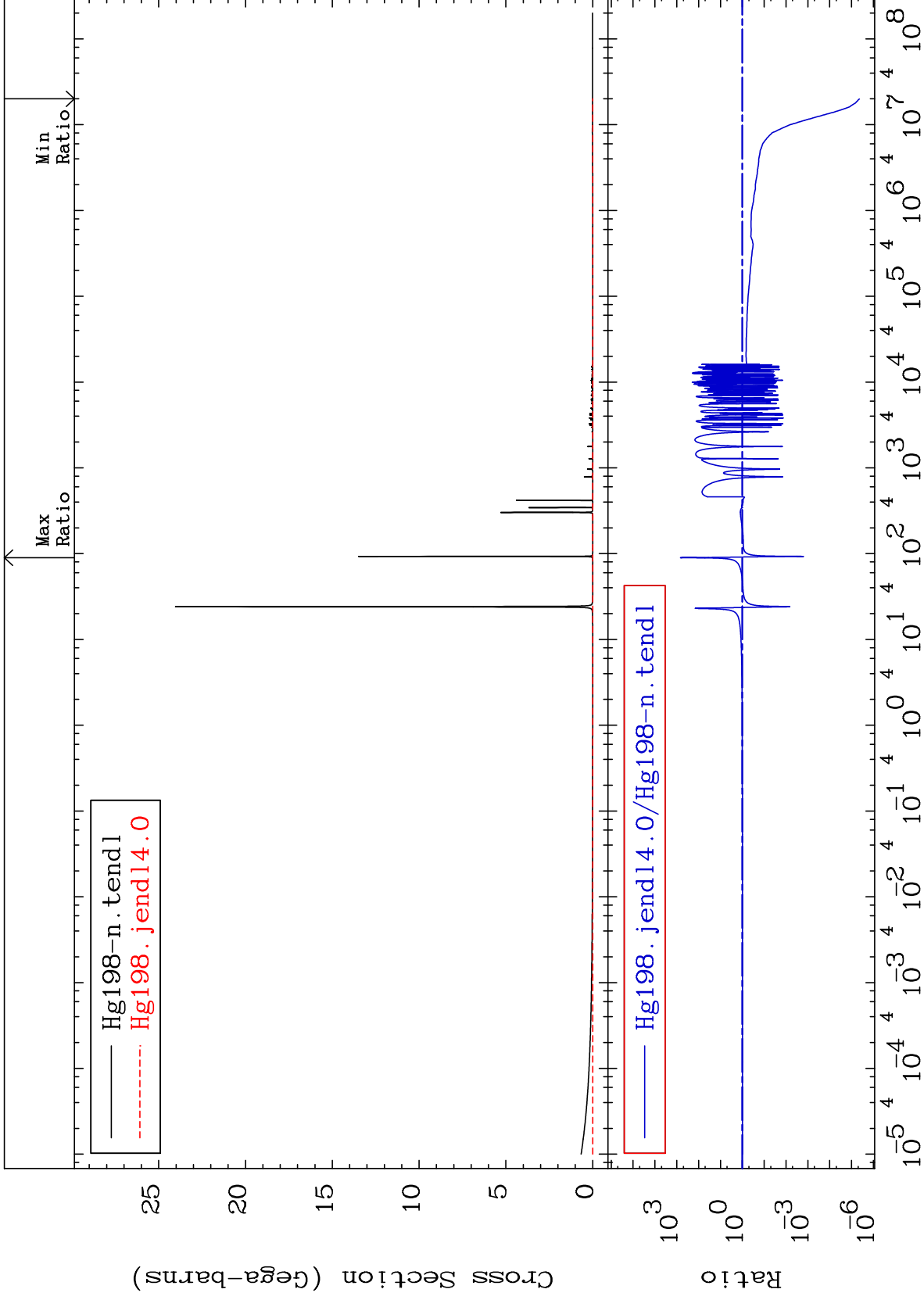
80-Hg-198
-100.0 To 9999. %

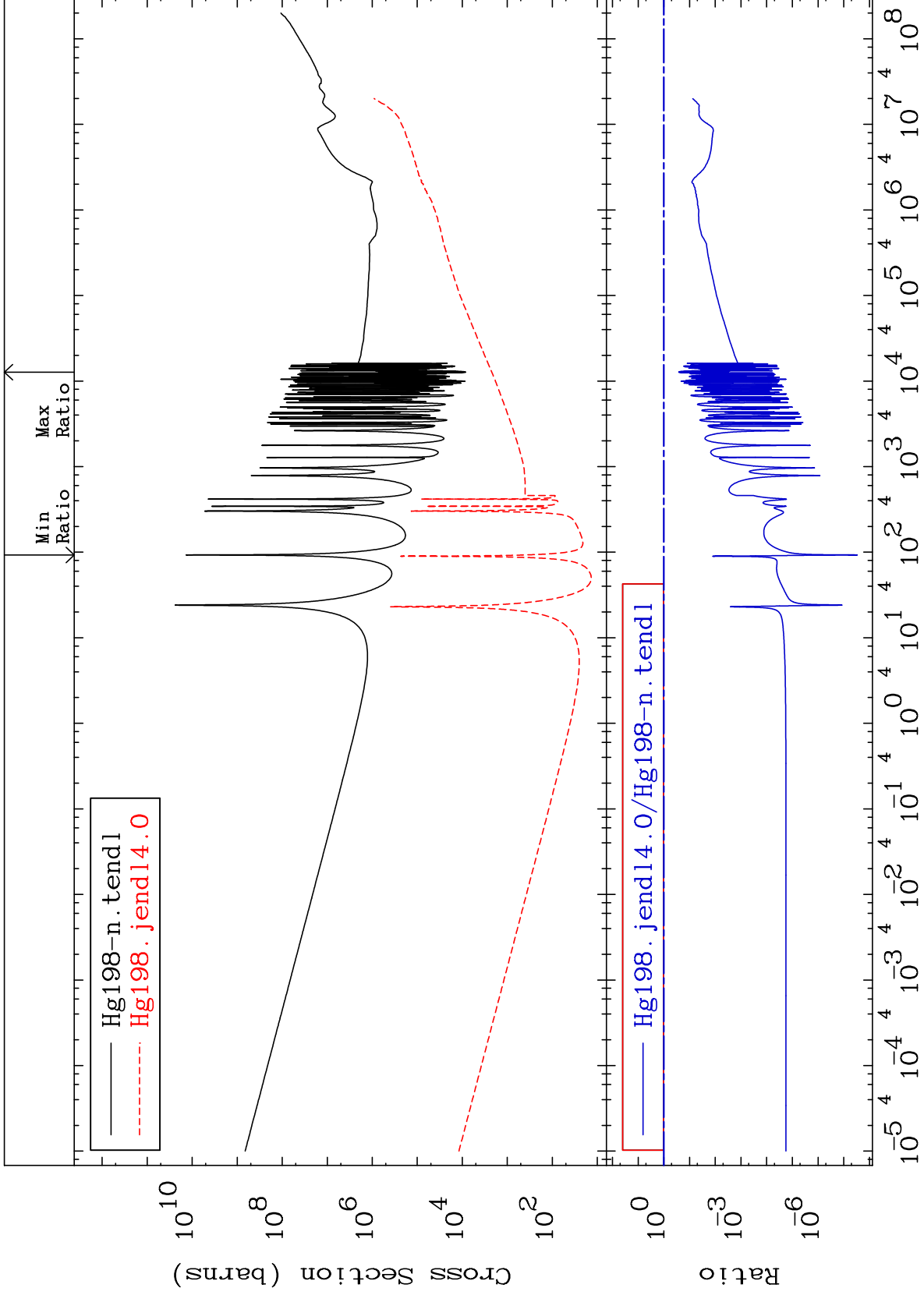


40

Incident Energy (eV)

80-Hg-198

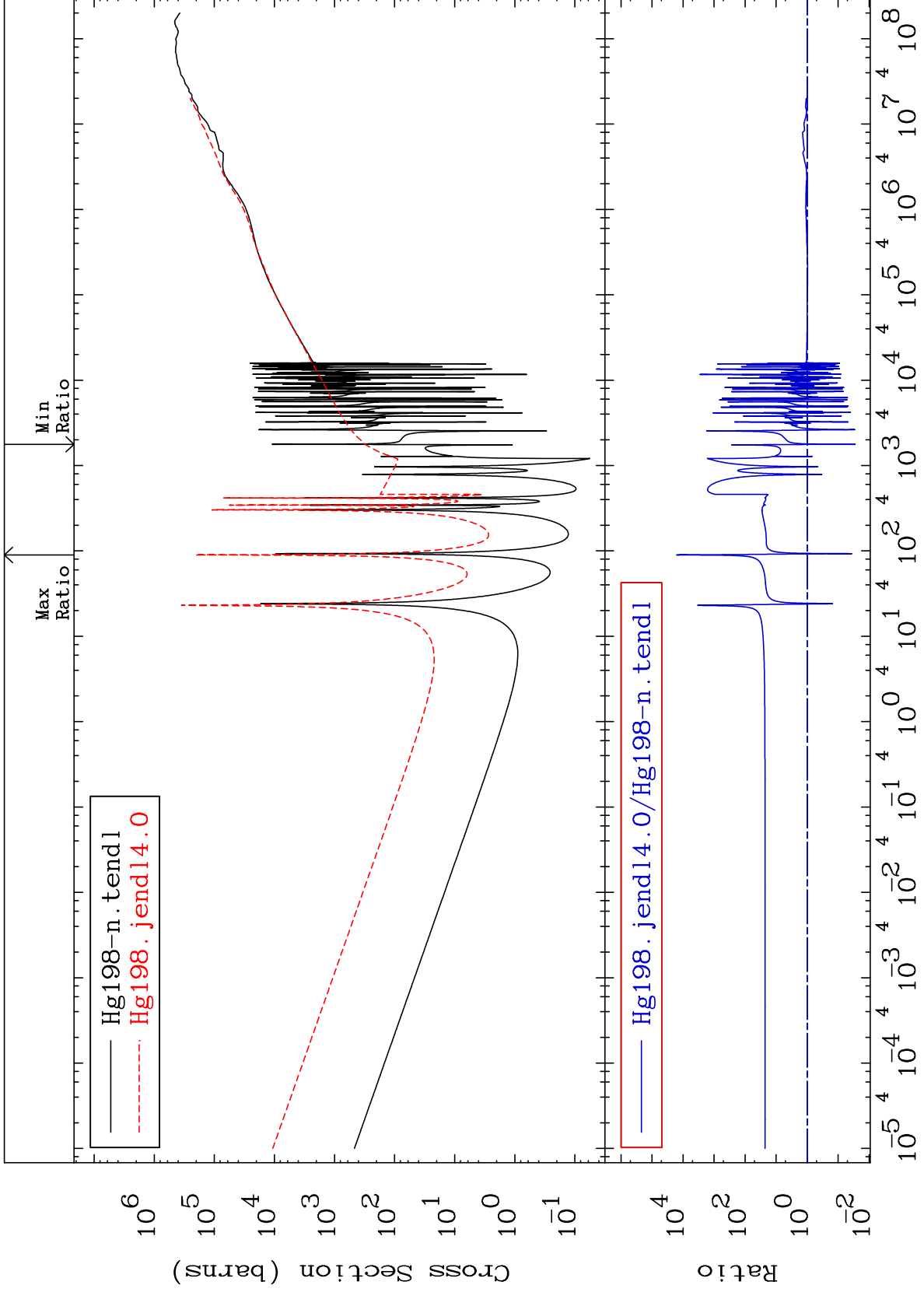




MAT 8031

Dpa total (eV-barns)
Cross Section

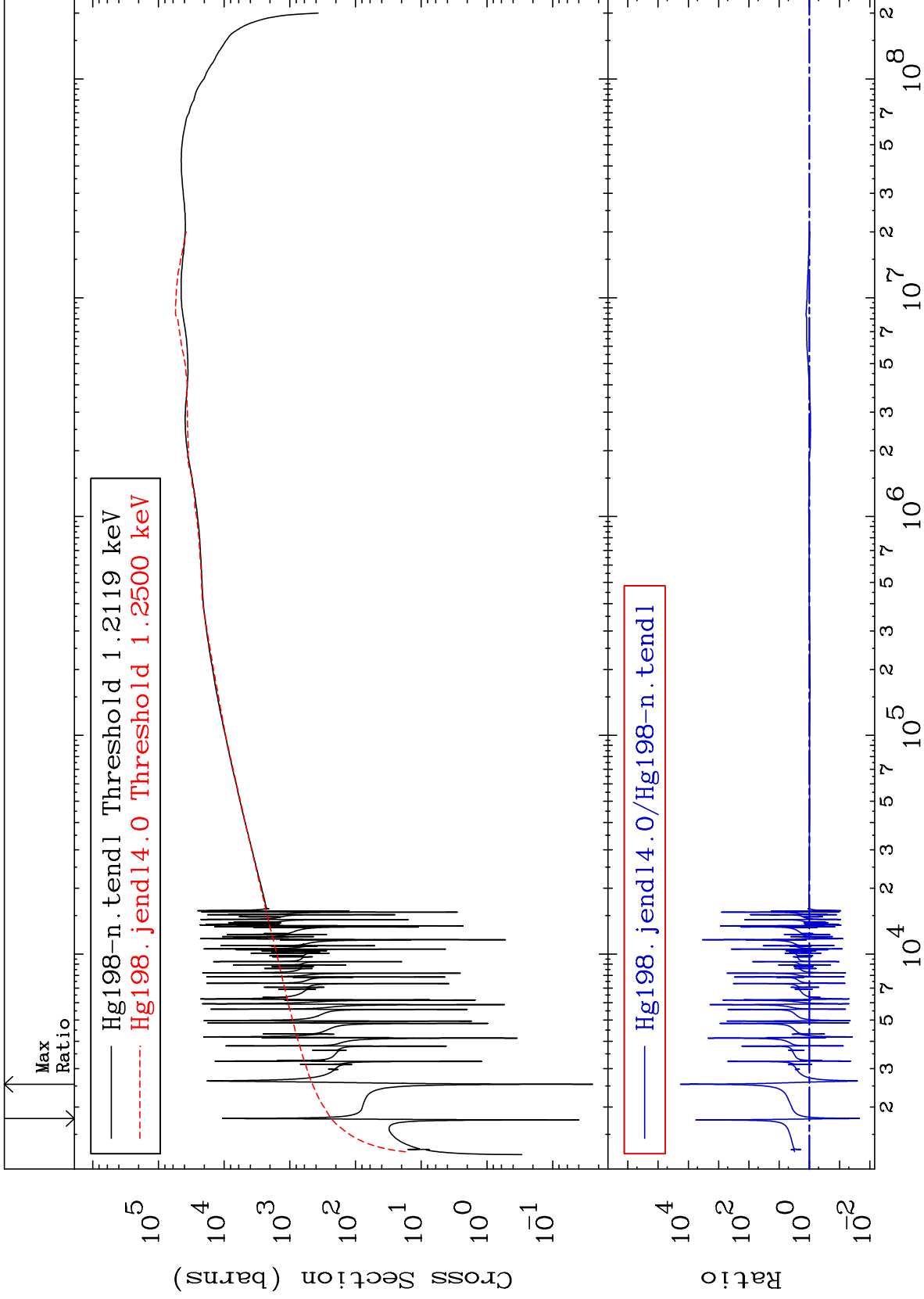
80-Hg-198
-97.15 To 9999. %



MAT 8031

Dpa elastic (mt2)
Cross Section

80-Hg-198
-97.77 To 9999. %

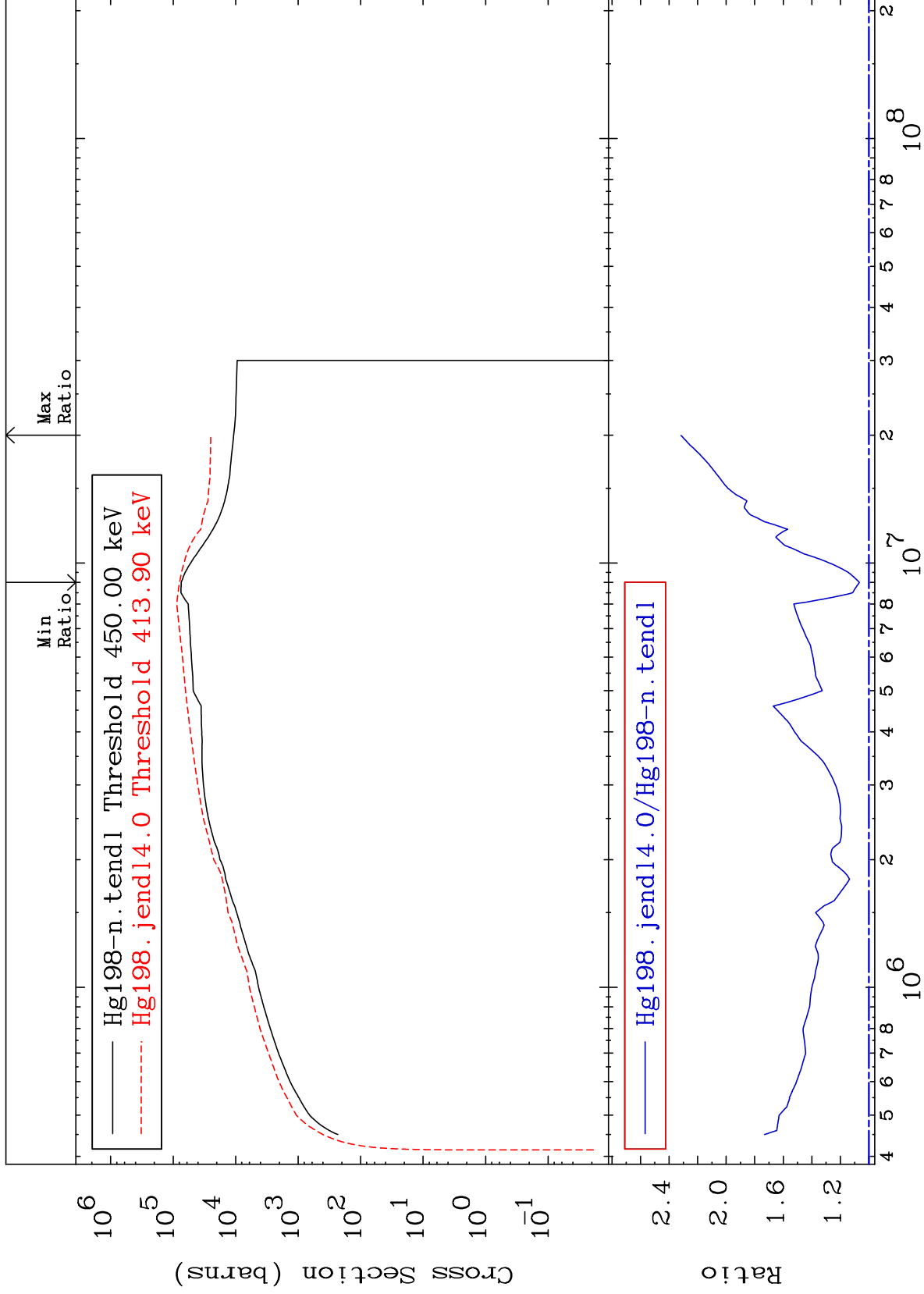


MAT 8031

Dpa inelastic (mt51-91)
Cross Section

80-Hg-198
To 131.8 %

6.586



45

Incident Energy (eV)

80-Hg-198

