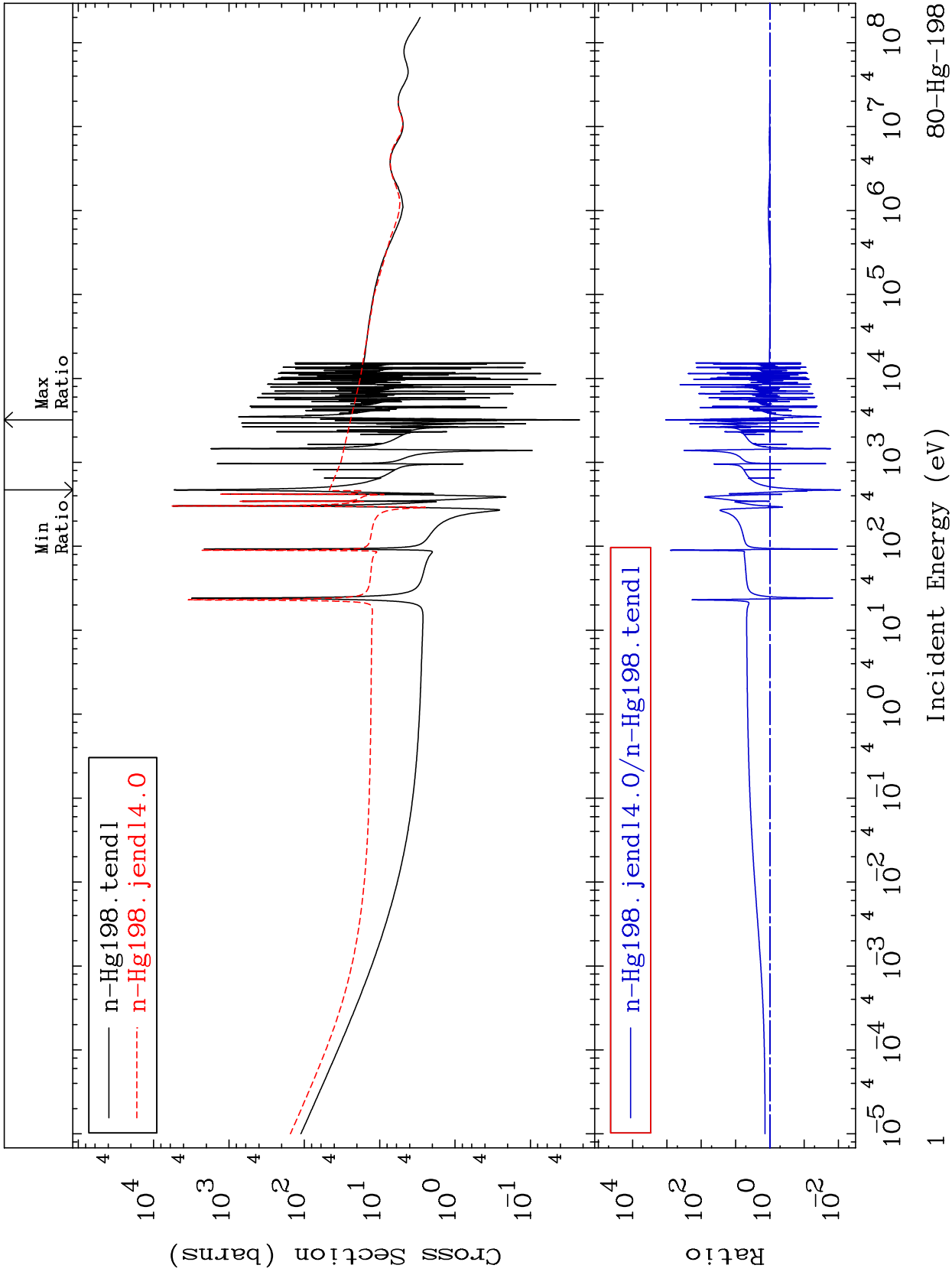


MAT 8031

Total Cross Section
80-Hg-198
-99.14 To 9999. %



80-Hg-198

Incident Energy (eV)

MAT 8031

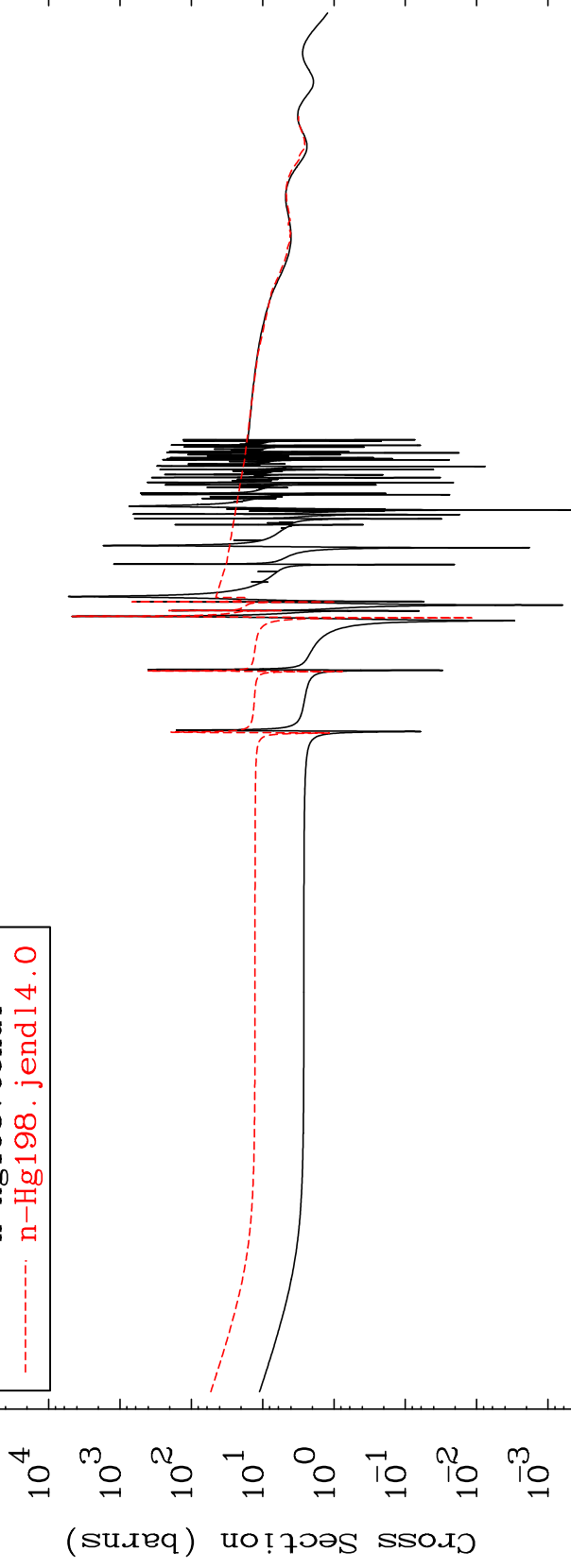
Elastic
Cross Section

80-Hg-198
-99.76 To 9999. %

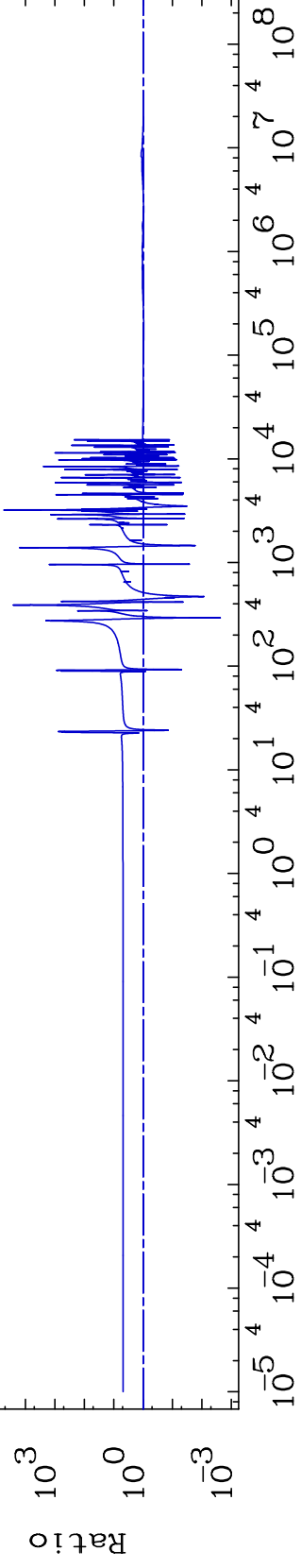
— n-Hg198.tendl
- - - n-Hg198.jendl4.0

Min
Ratio

Max
Ratio



— n-Hg198.jendl4.0/n-Hg198.tendl



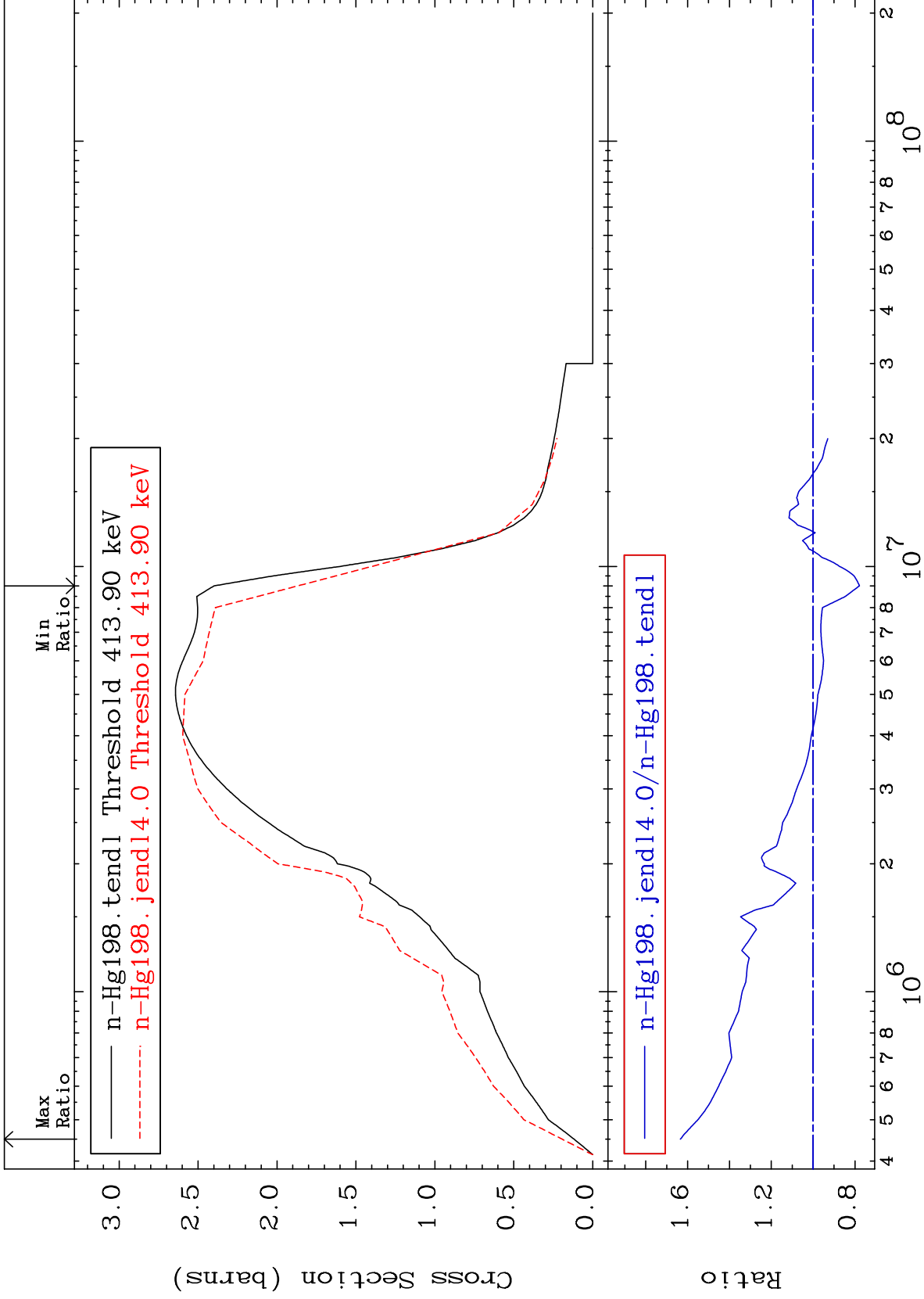
Incident Energy (eV)

80-Hg-198

MAT 8031

Inelastic
Cross Section

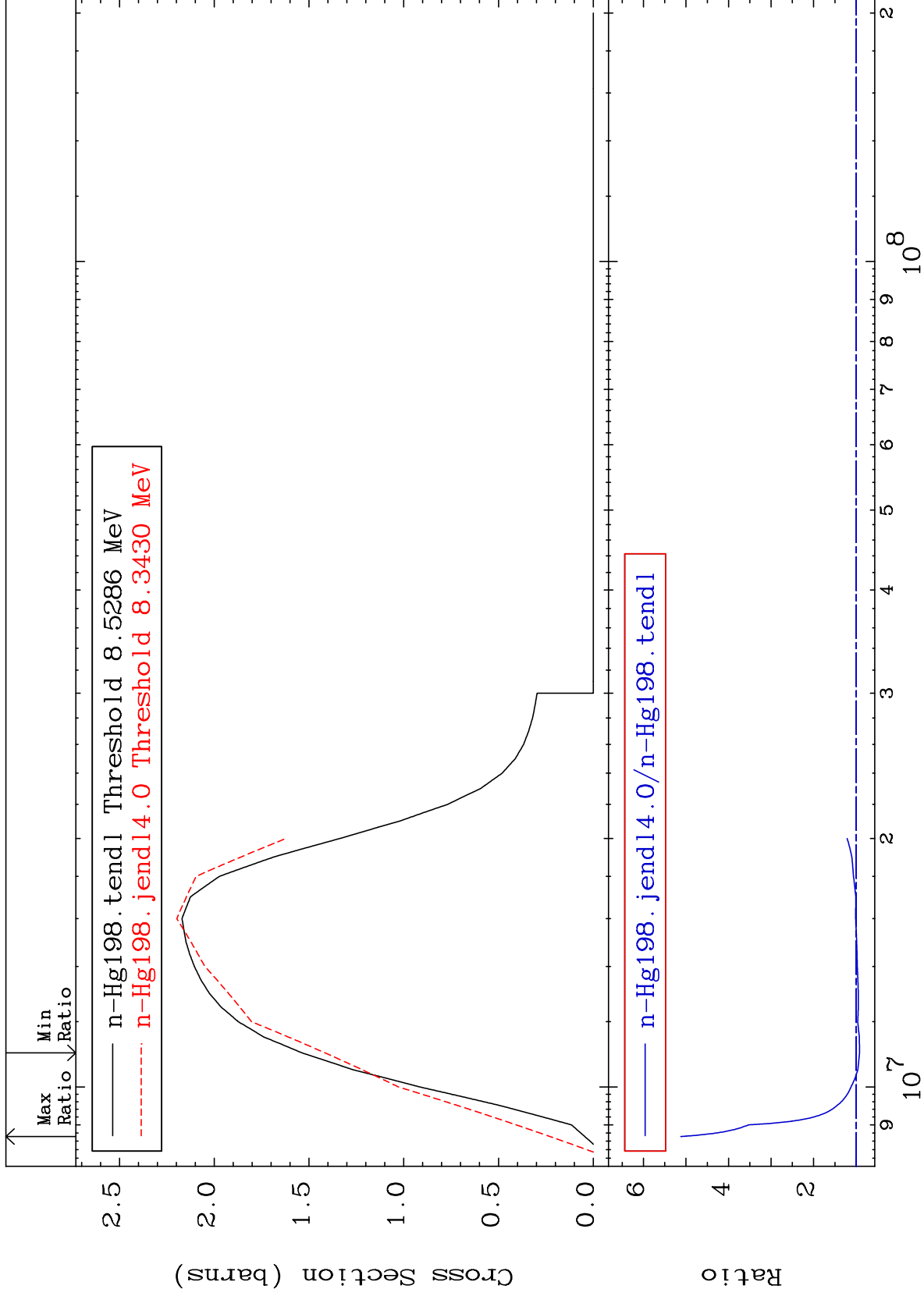
80-Hg-198
-22.12 To 63.47 %



MAT 8031

(n,2n)
Cross Section

80-Hg-198
-7.915 To 412.3 %



4

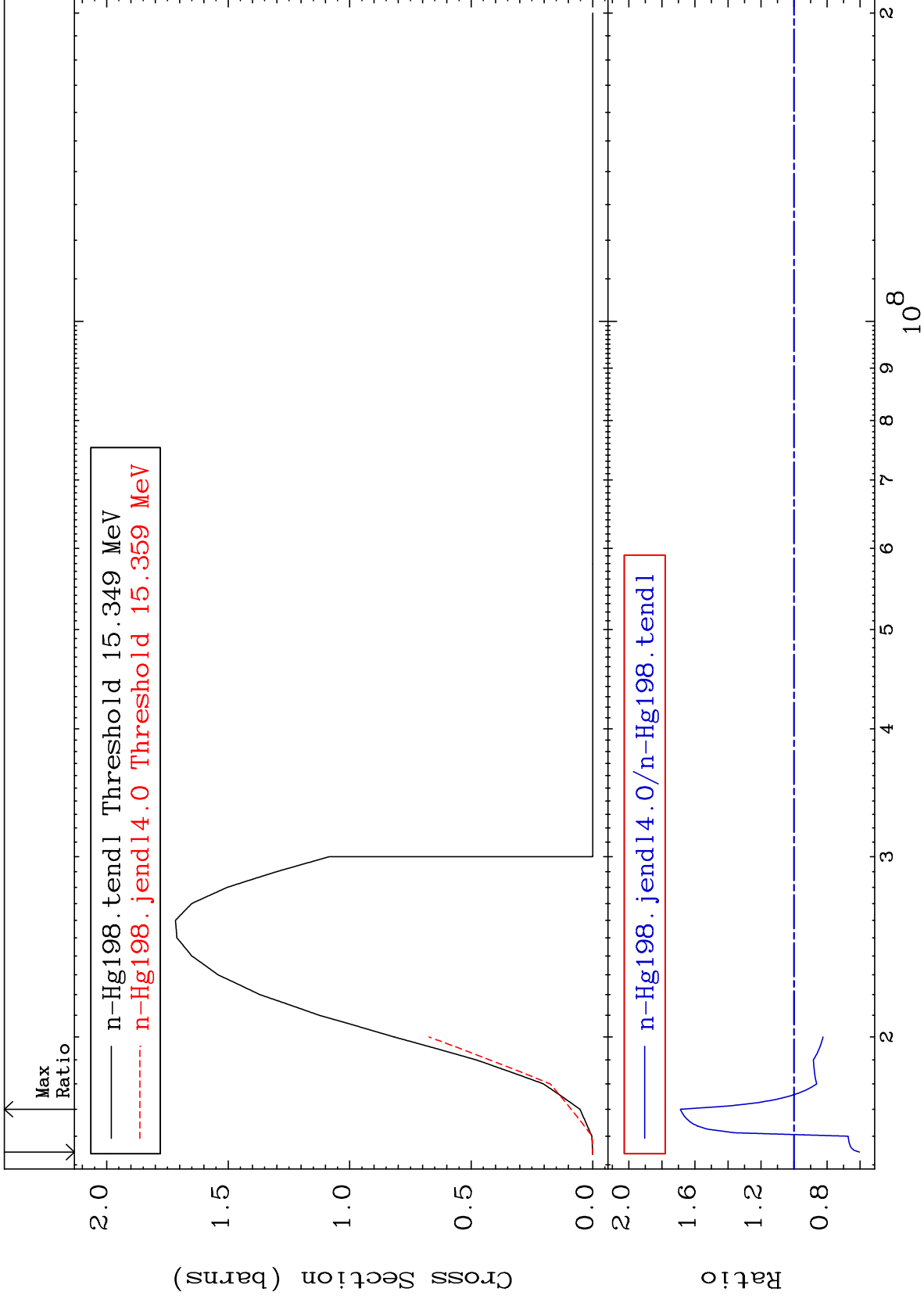
Incident Energy (eV)

80-Hg-198

MAT 8031

(n,3n)
Cross Section

80-Hg-198
-39.59 To 68.82 %

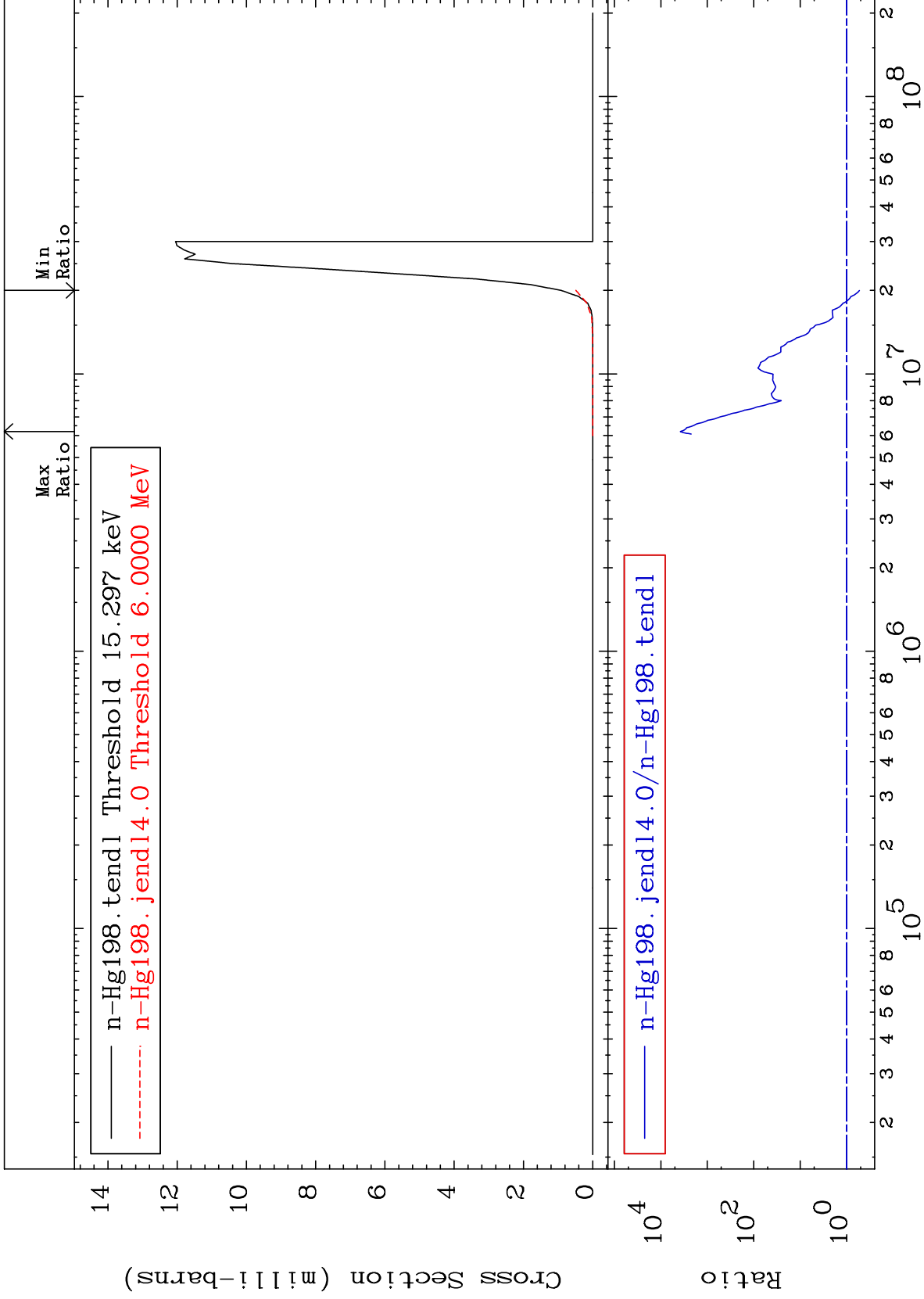


MAT 8031

(n,n') α

Cross Section

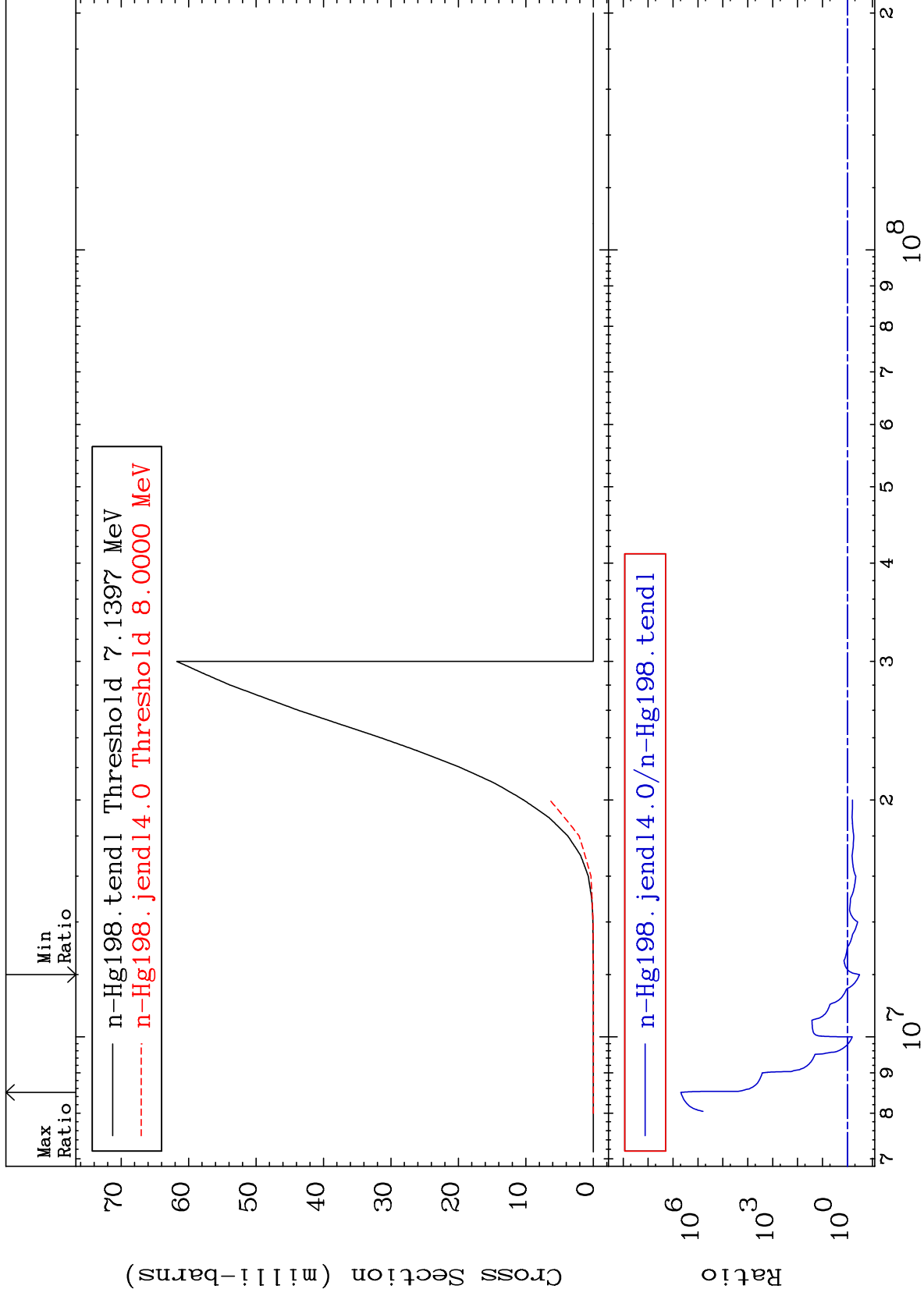
80-Hg-198
-46.84 To 9999. %



MAT 8031

(n,n') p
Cross Section

80-Hg-198
-67.36 To 9999. %



7

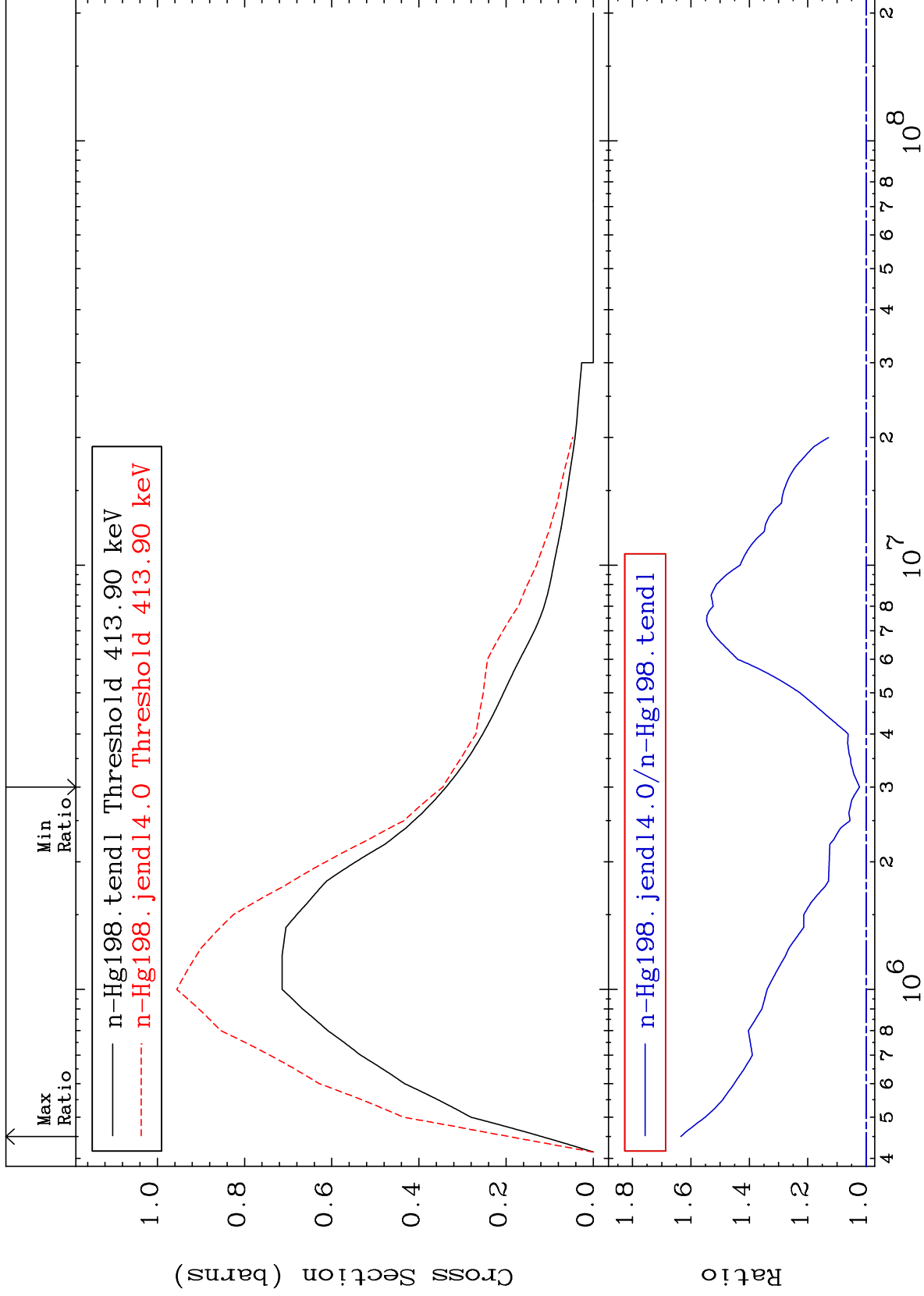
Incident Energy (eV)

80-Hg-198

MAT 8031

MT= 51 (n,n') Level
Cross Section

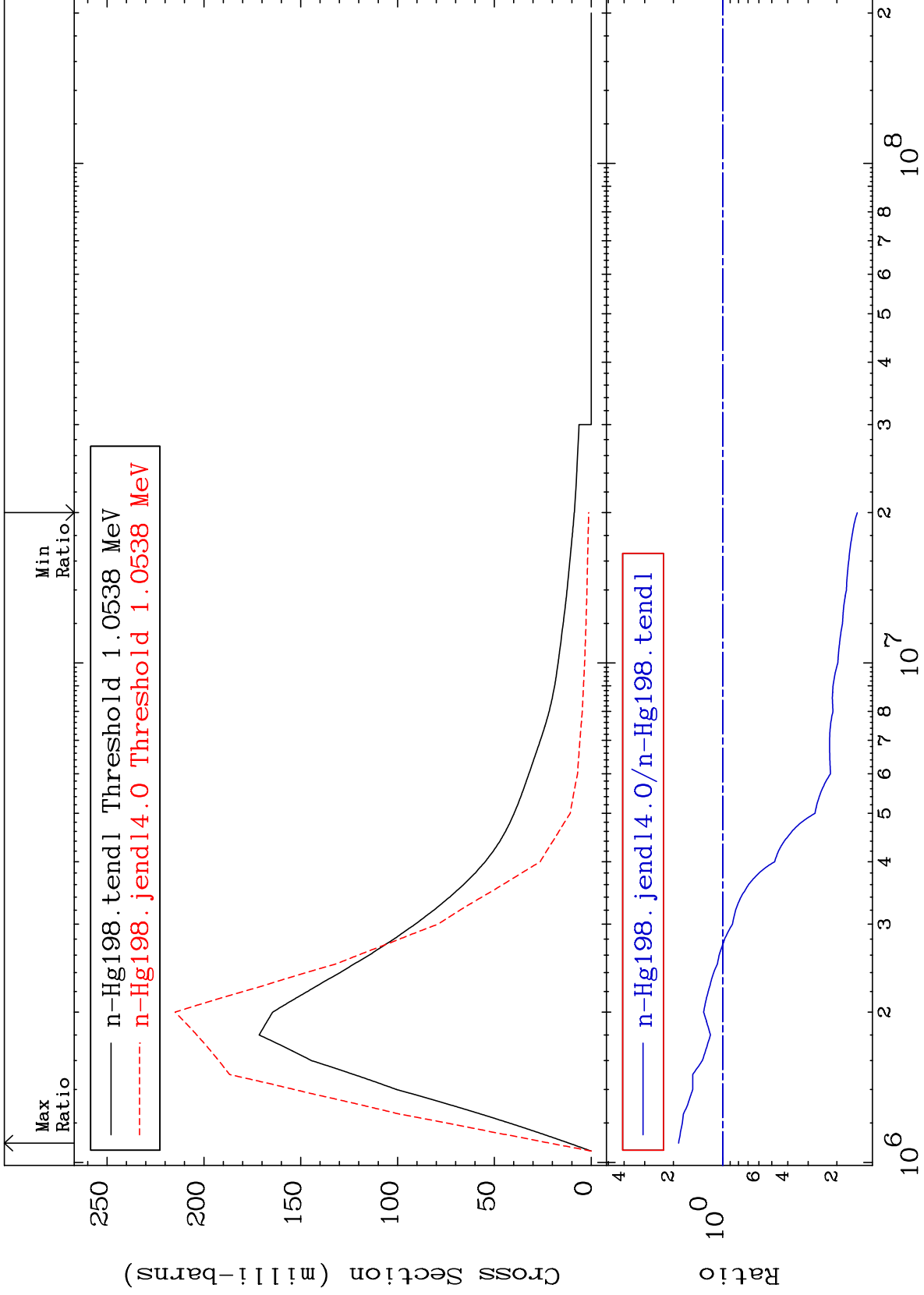
2.268 80-Hg-198
To 63.47 %



MAT 8031

MT= 52 (n, n') Level
Cross Section

80-Hg-198
-84.98 To 85.84 %



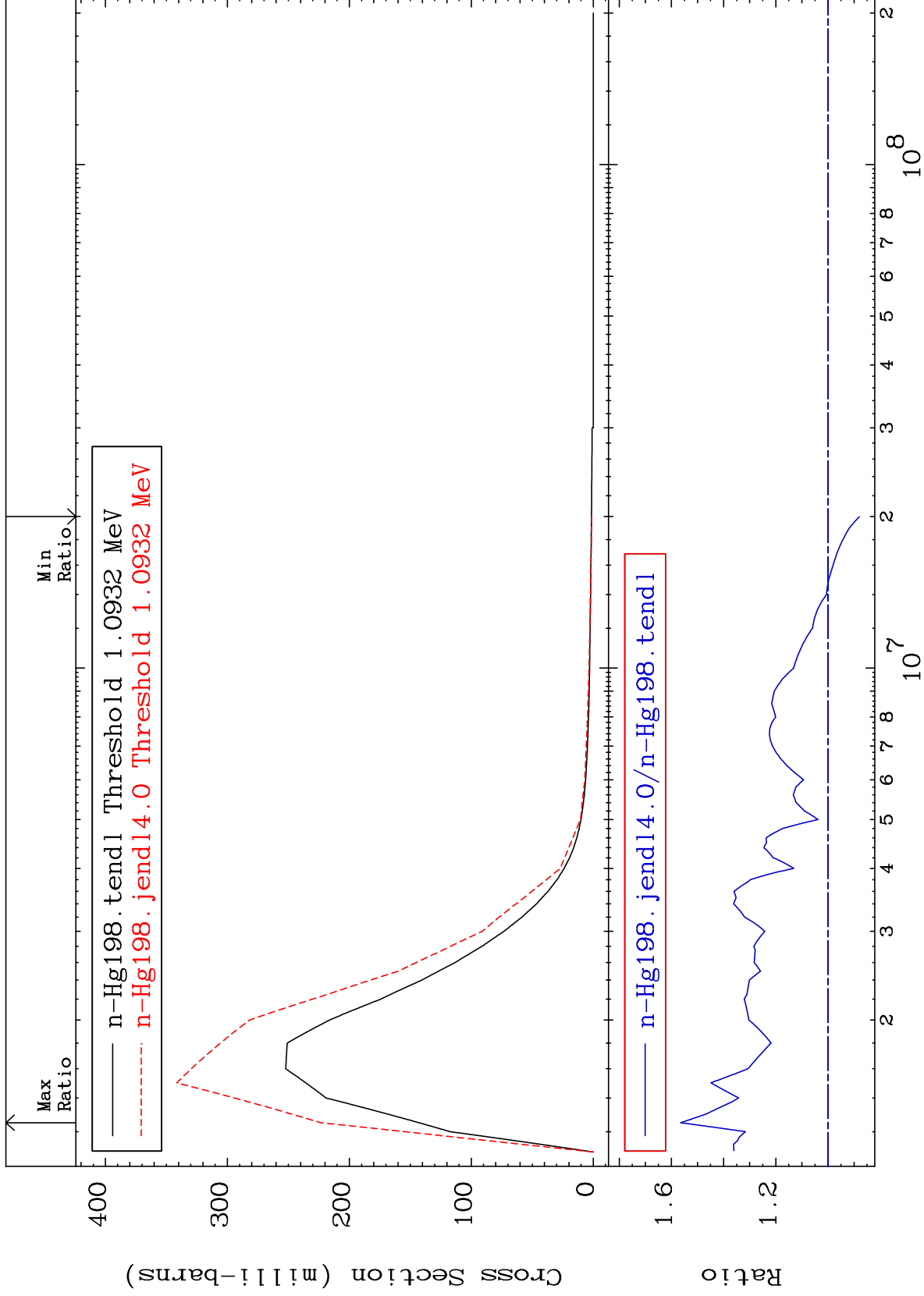
Incident Energy (eV)

80-Hg-198

MAT 8031

MT= 53 (n, n') Level
Cross Section

80-Hg-198
-12.11 To 56.42 %



10

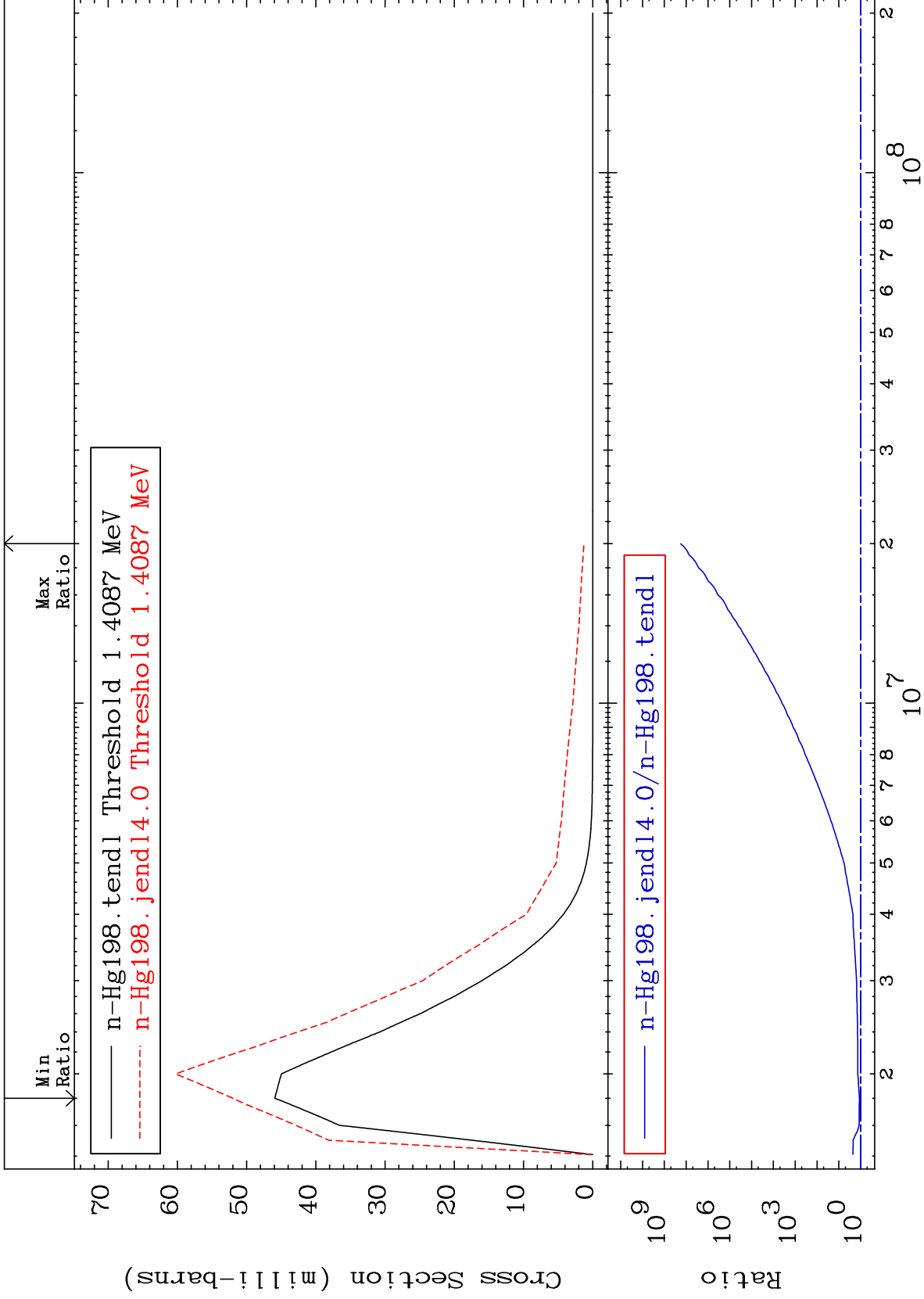
Incident Energy (eV)

80-Hg-198

MAT 8031

MT= 54 (n,n') Level
Cross Section

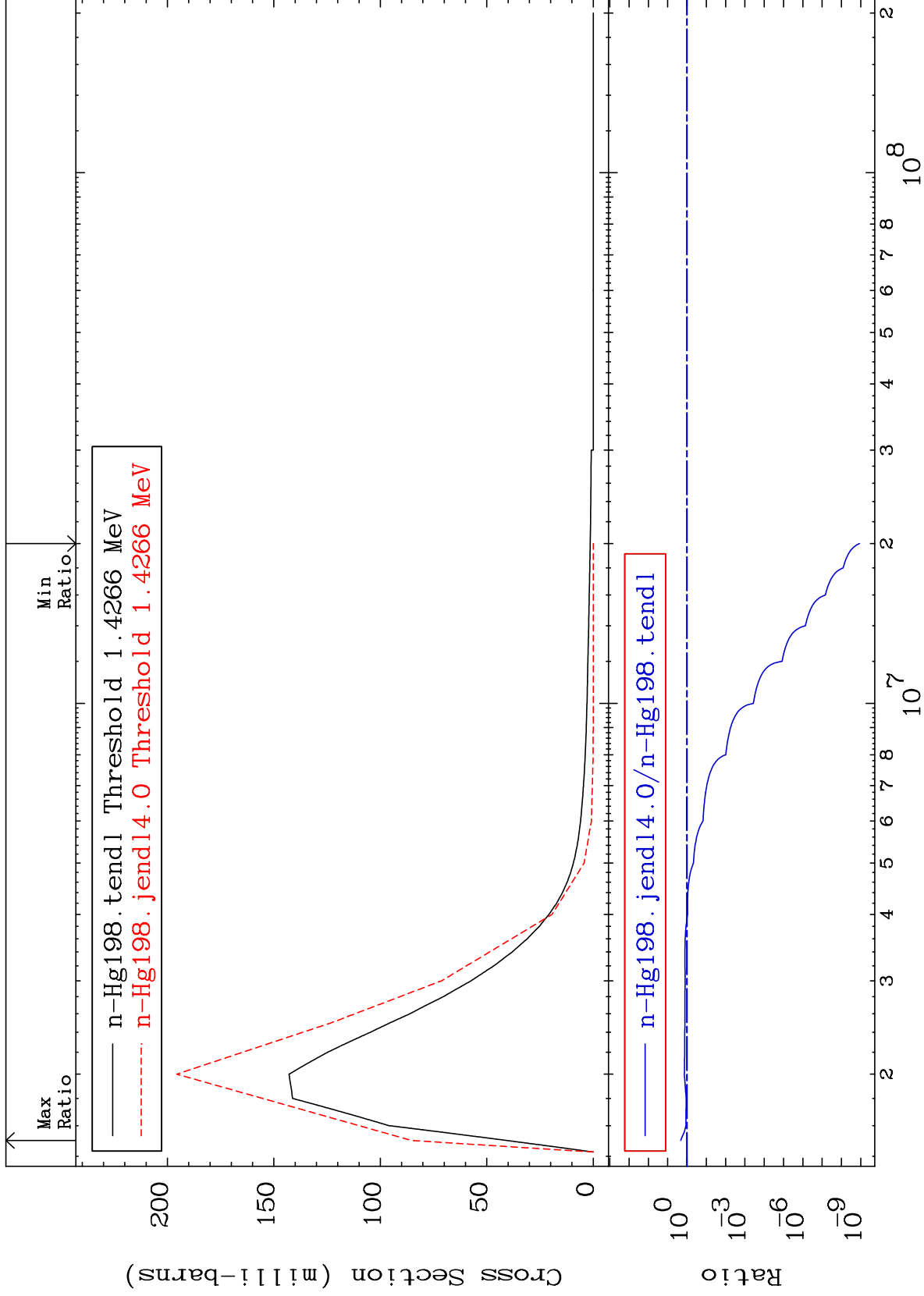
80-Hg-198
To 9999. %
13.30



MAT 8031

MT= 55 (n,n') Level
Cross Section

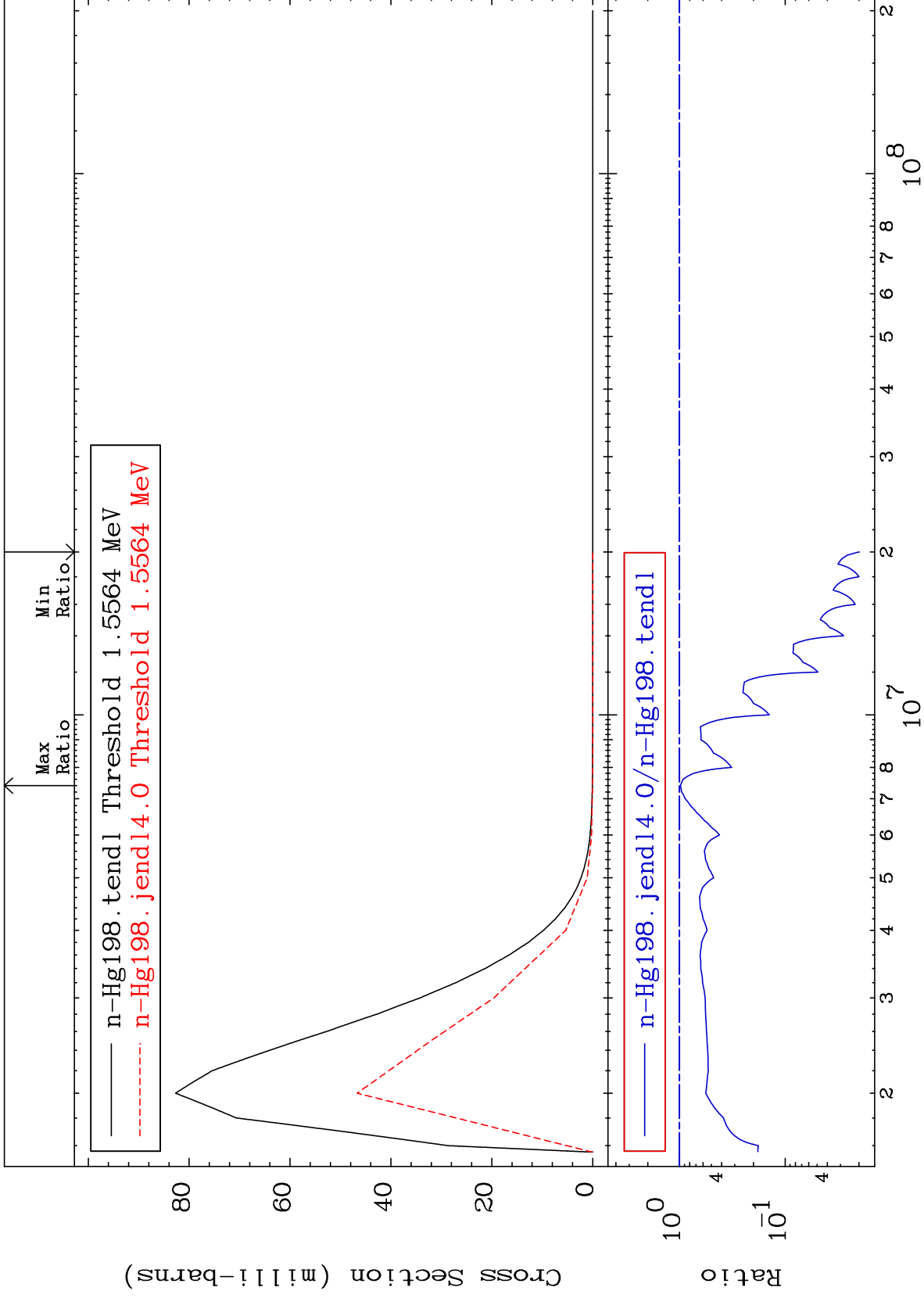
80-Hg-198
-100.0 To 110.0 %



MAT 8031

MT= 56 (n,n') Level
Cross Section

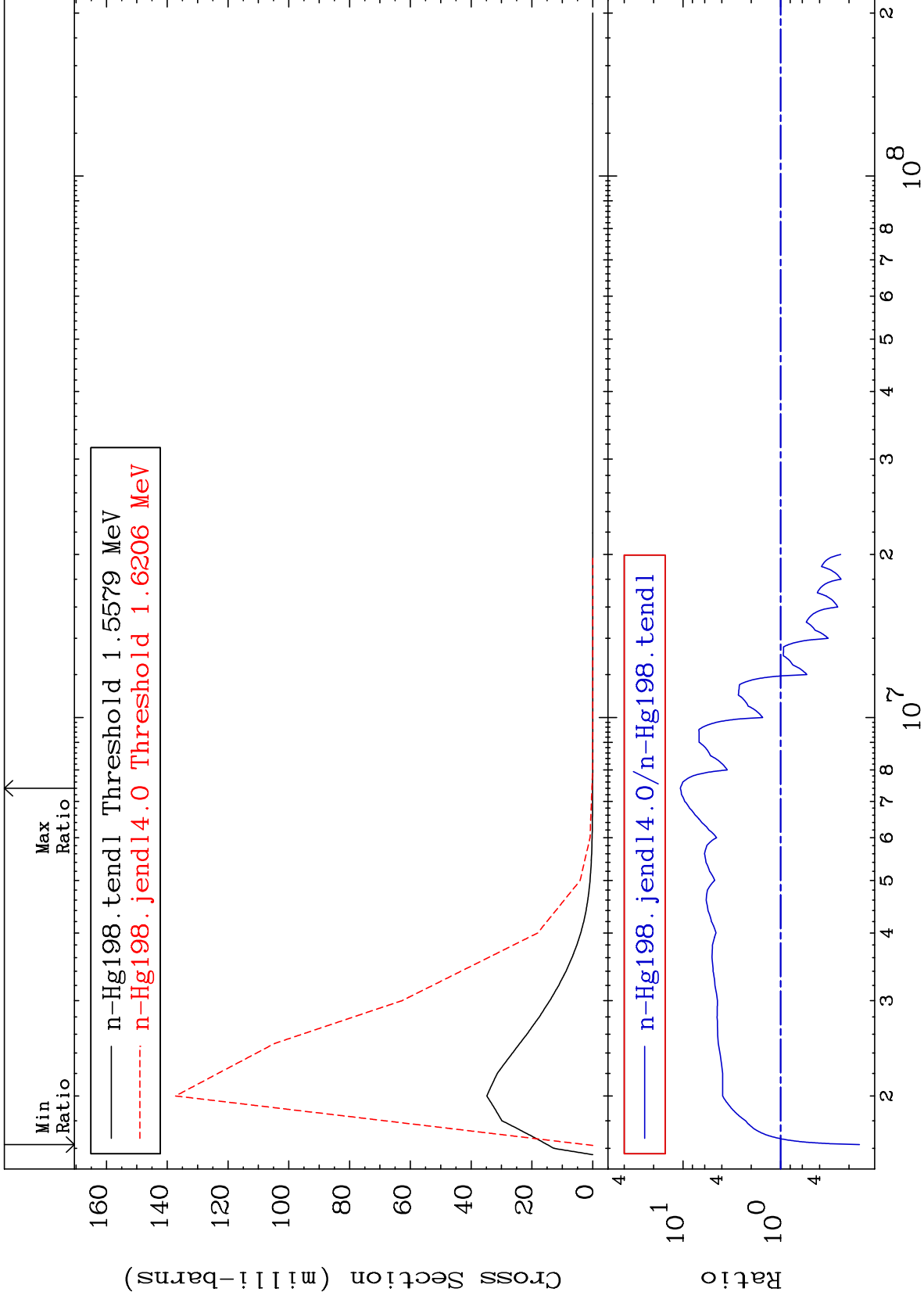
80-Hg-198
-98.01 To -1.744%



MAT 8031

MT= 57 (n,n') Level
Cross Section

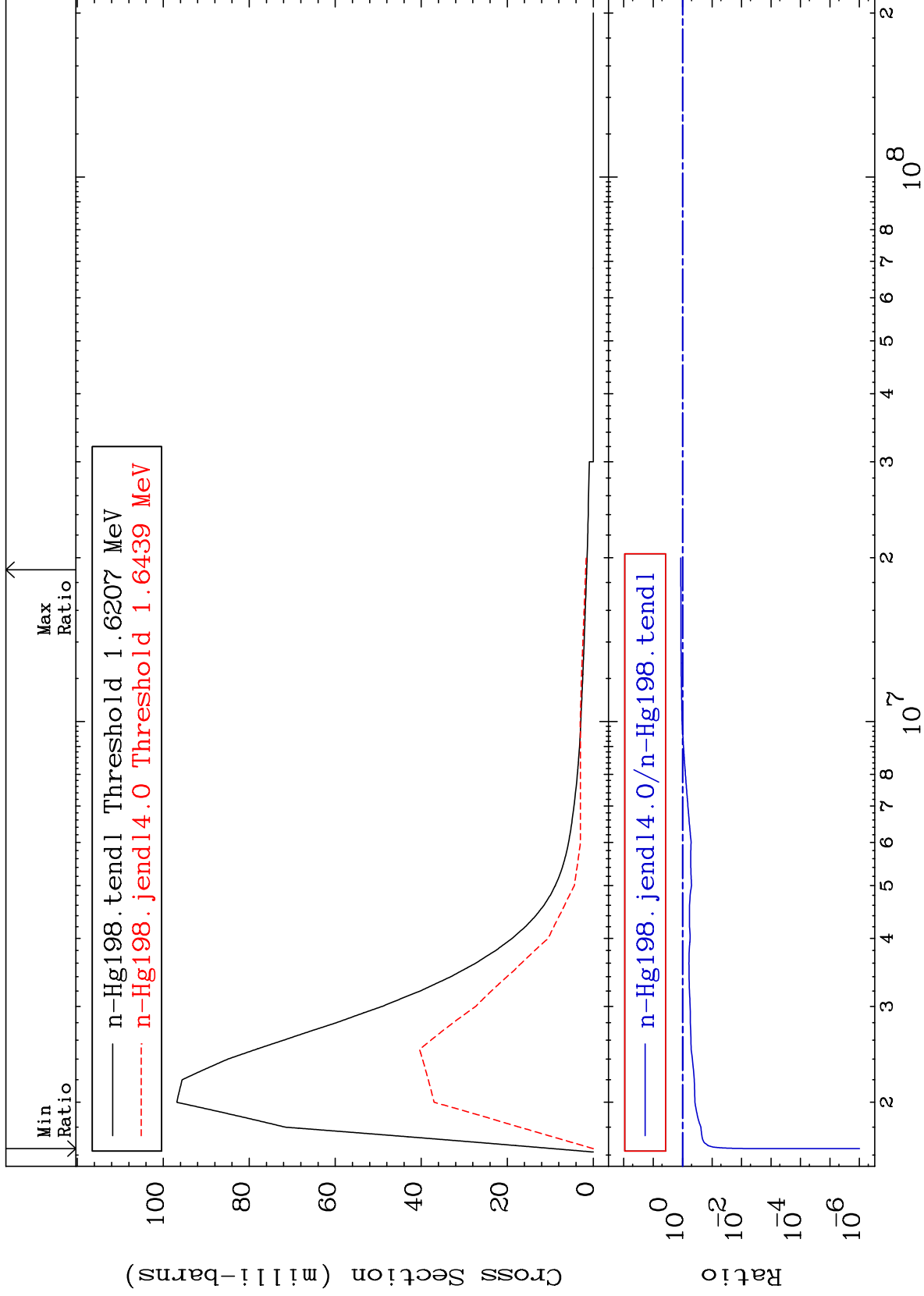
80-Hg-198
-84.37 To 965.4 %



MAT 8031

MT= 58 (n,n') Level
Cross Section

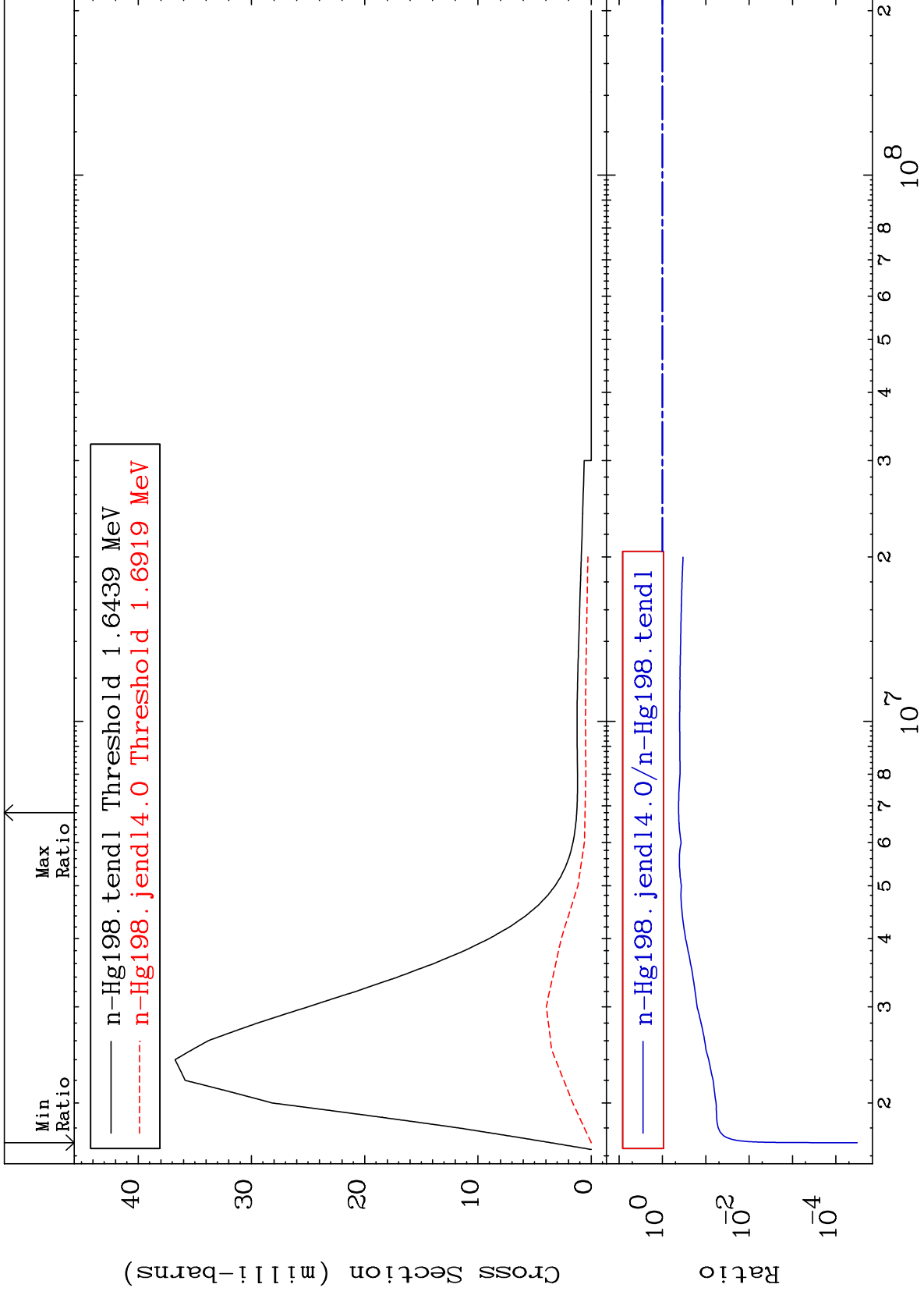
80-Hg-198
-100.0 To 15.64 %



MAT 8031

MT= 59 (n,n') Level
Cross Section

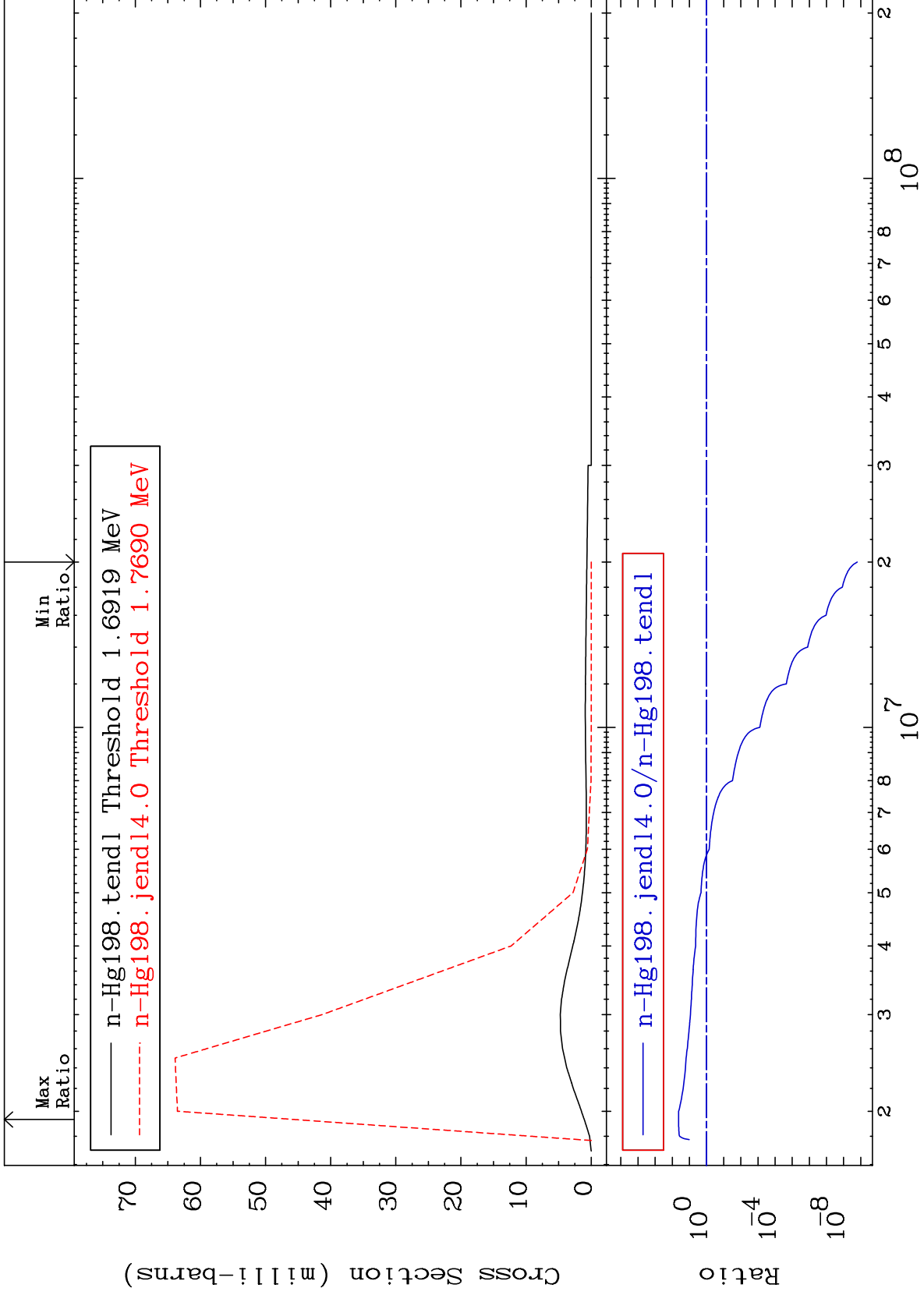
80-Hg-198
-100.0 To -57.69%



MAT 8031

MT= 60 (n,n') Level
Cross Section

80-Hg-198
-100.0 To 4151. %



17

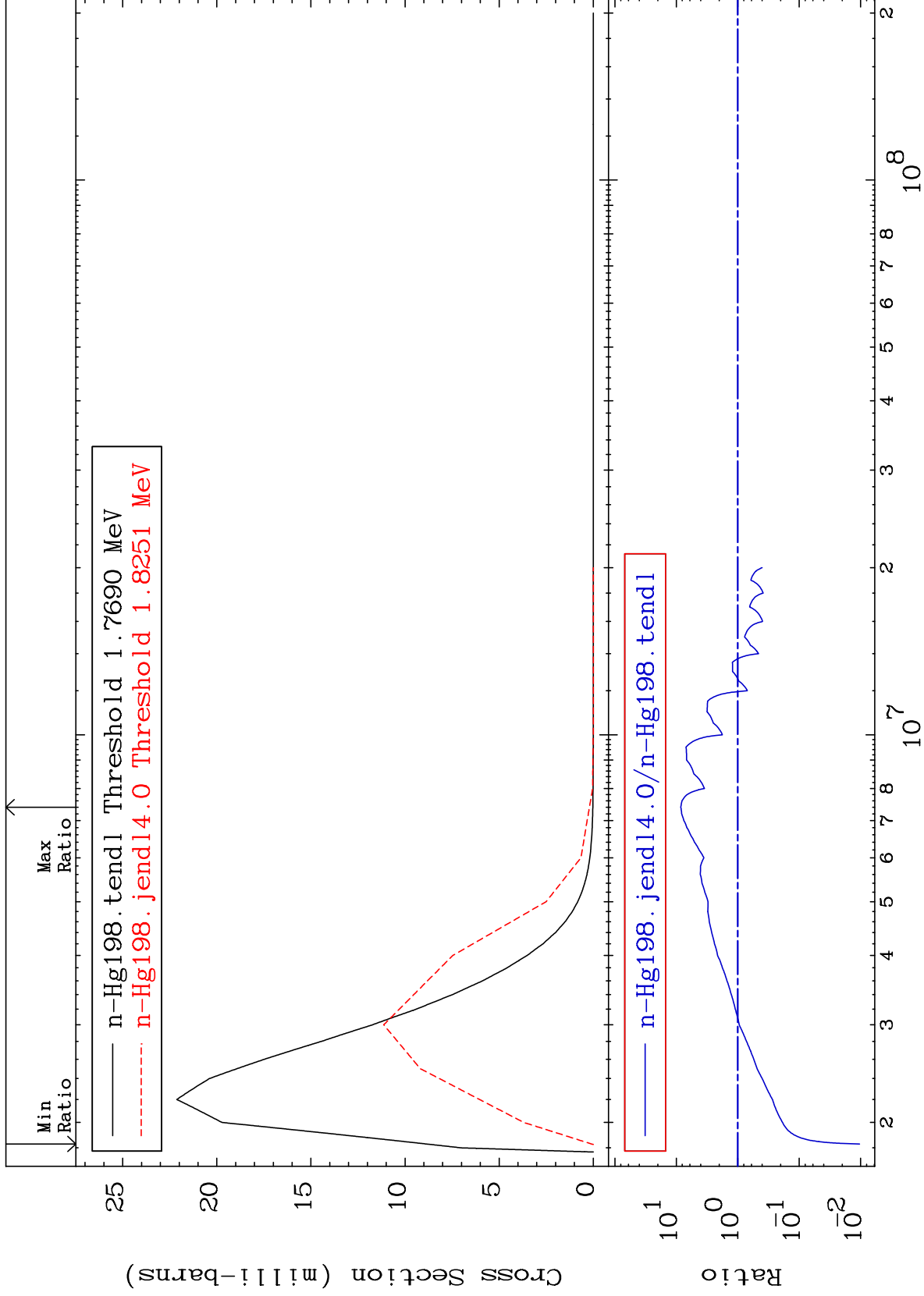
Incident Energy (eV)

80-Hg-198

MAT 8031

MT= 61 (n,n') Level
Cross Section

80-Hg-198
-98.96 To 746.3 %



18

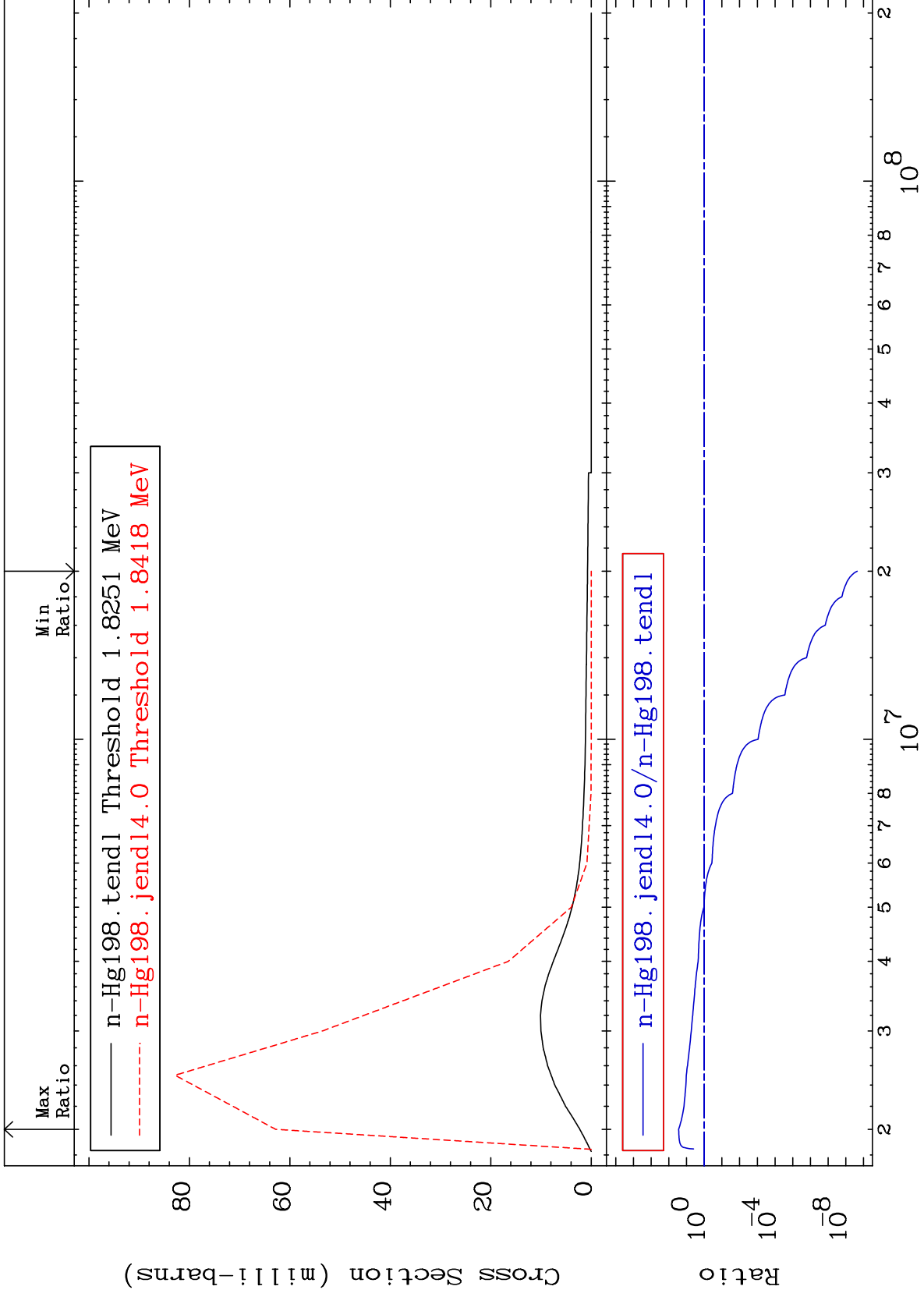
Incident Energy (eV)

80-Hg-198

MAT 8031

MT= 62 (n,n') Level
Cross Section

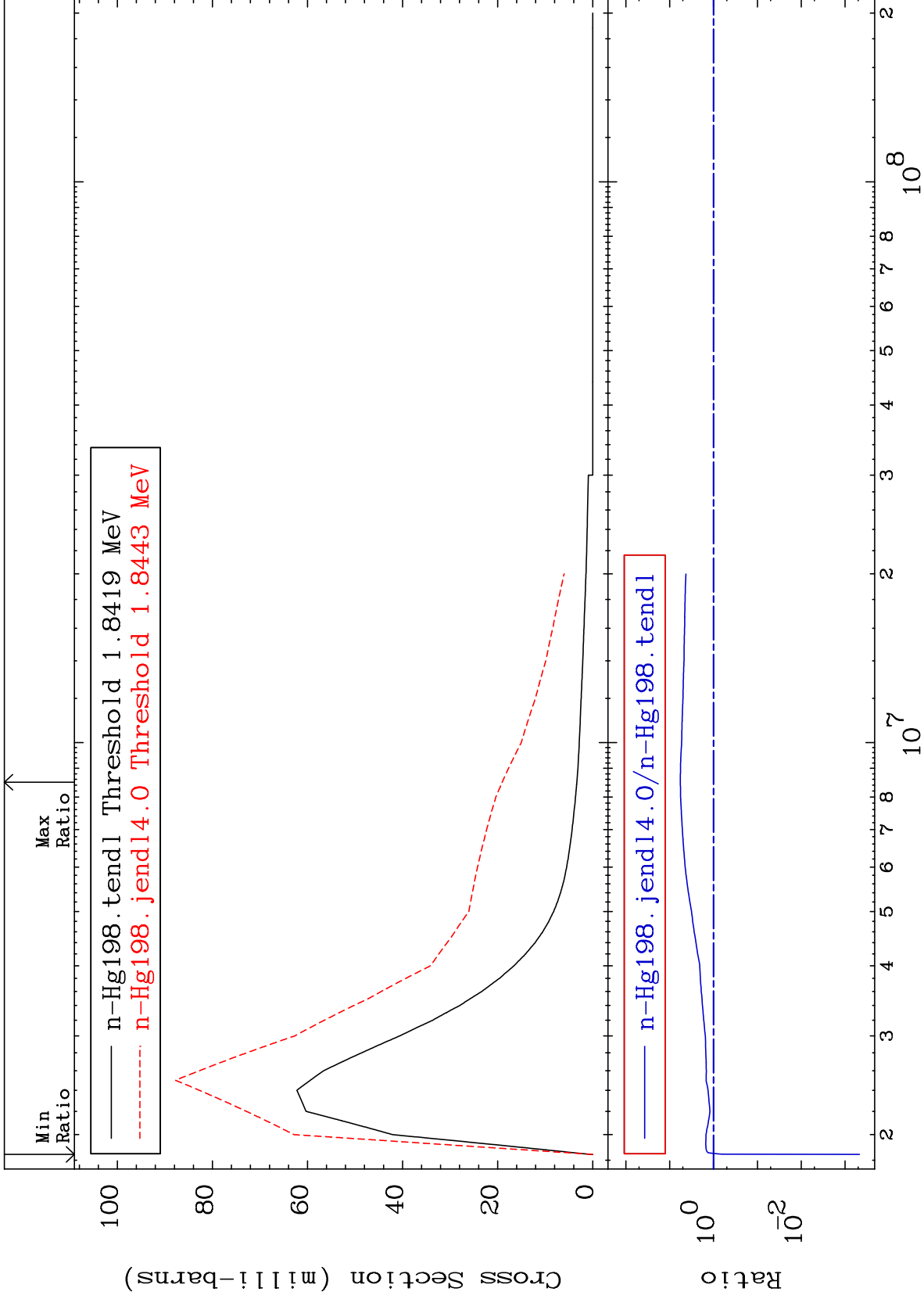
80-Hg-198
-100.0 To 2687. %



MAT 8031

MT= 63 (n,n') Level
Cross Section

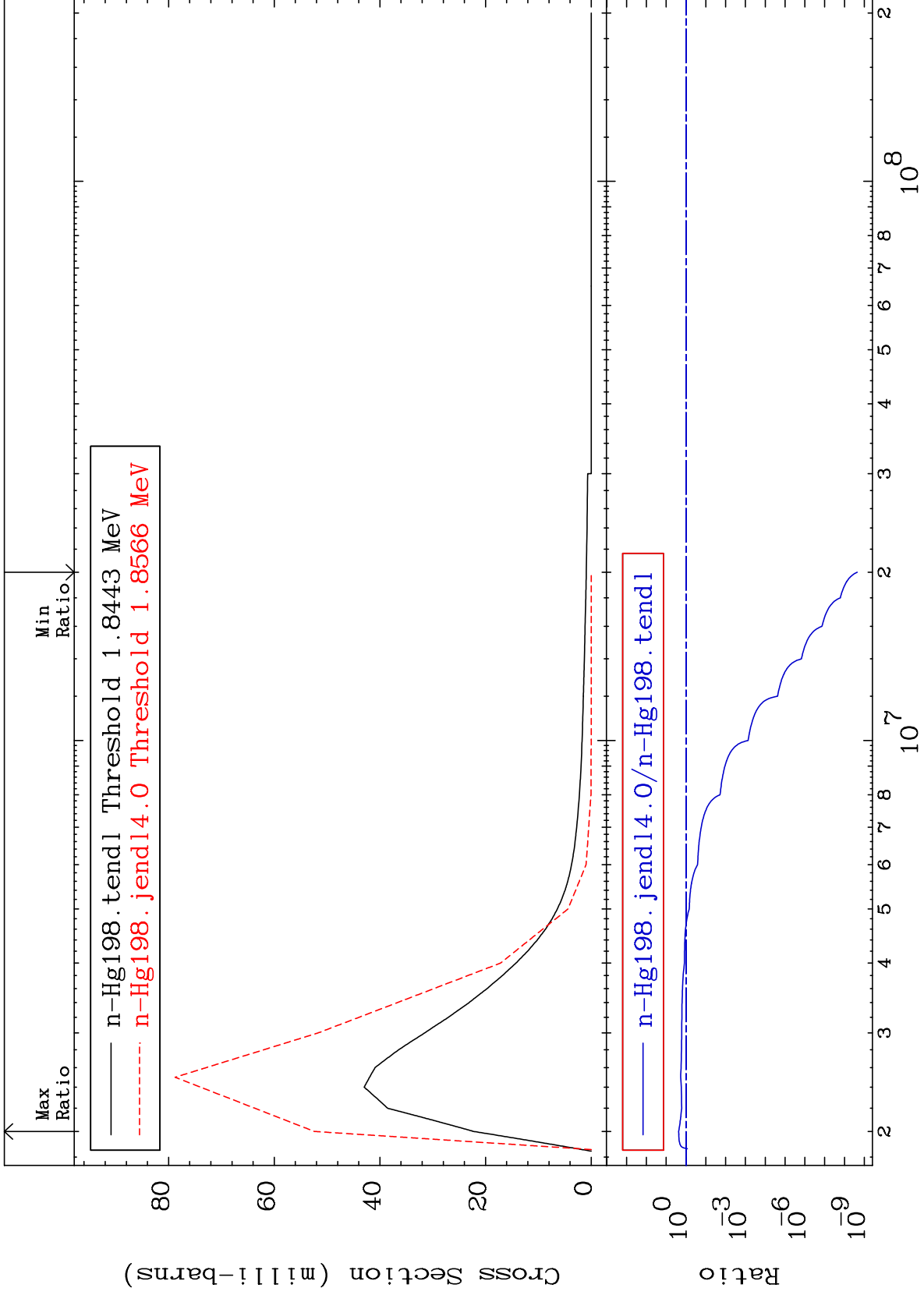
80-Hg-198
-99.95 To 470.5 %



MAT 8031

MT= 64 (n,n') Level
Cross Section

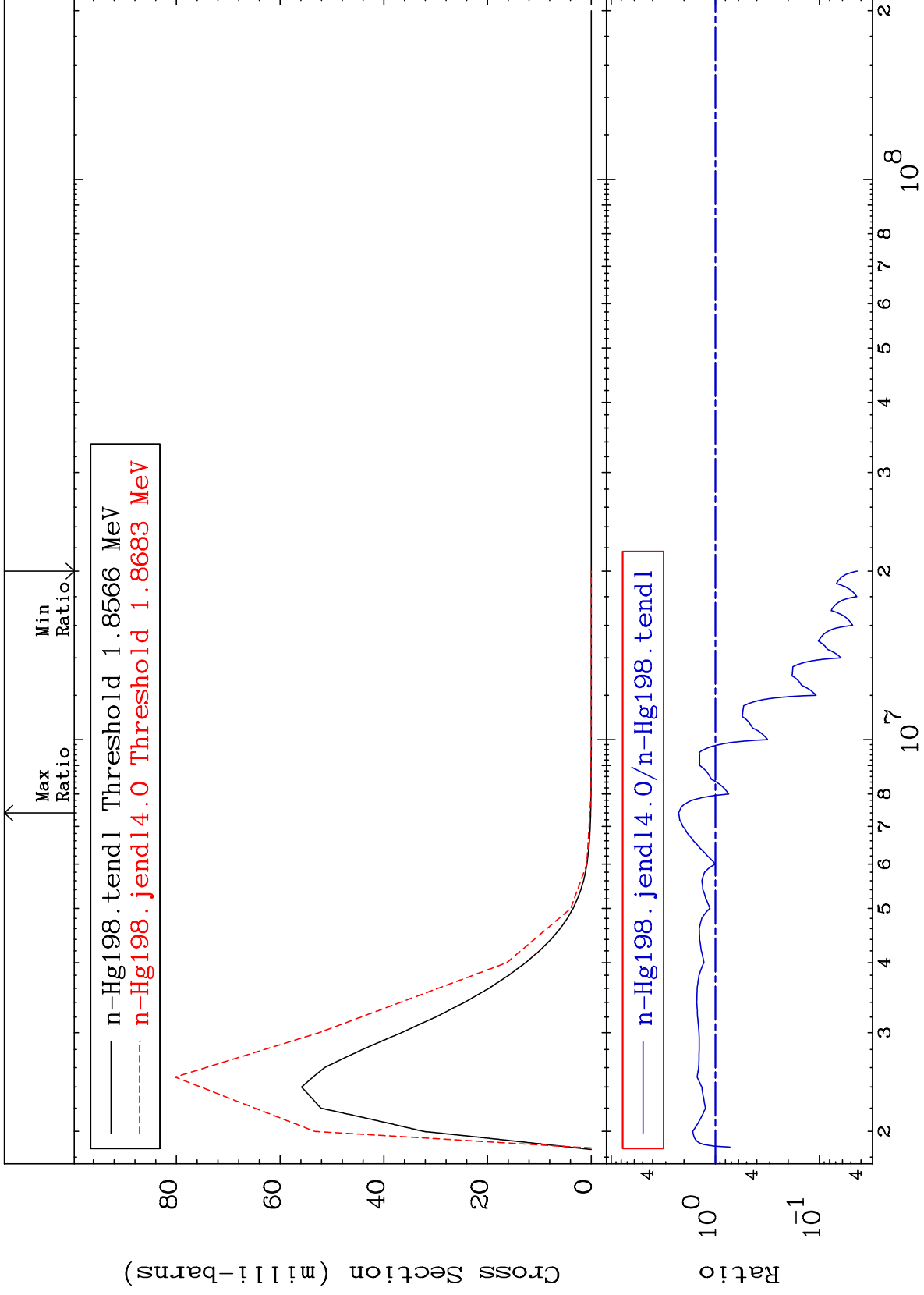
80-Hg-198
-100.0 To 135.6 %



MAT 8031

MT= 65 (n,n') Level
Cross Section

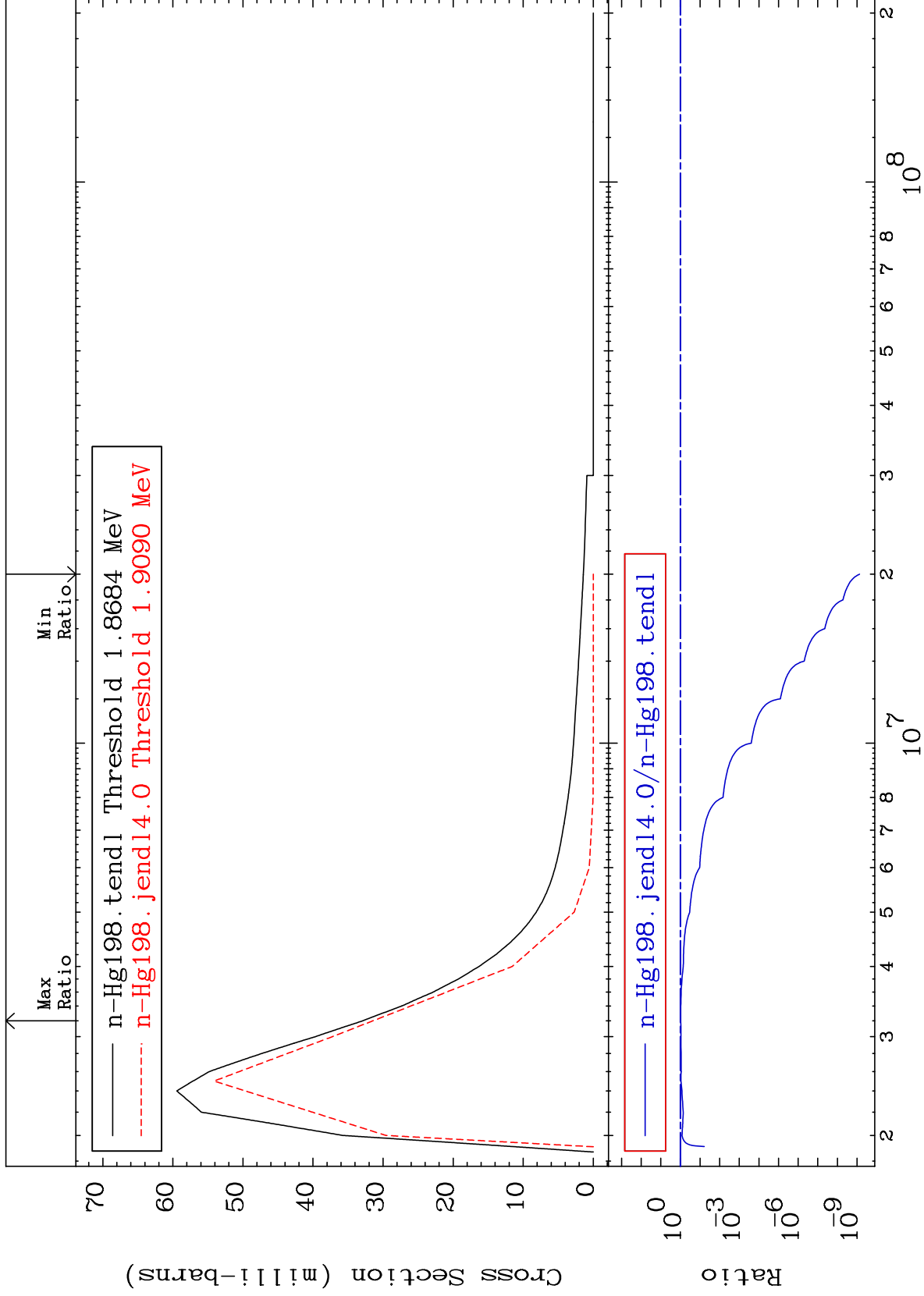
80-Hg-198
-95.66 To 125.0 %



MAT 8031

MT= 66 (n,n') Level
Cross Section

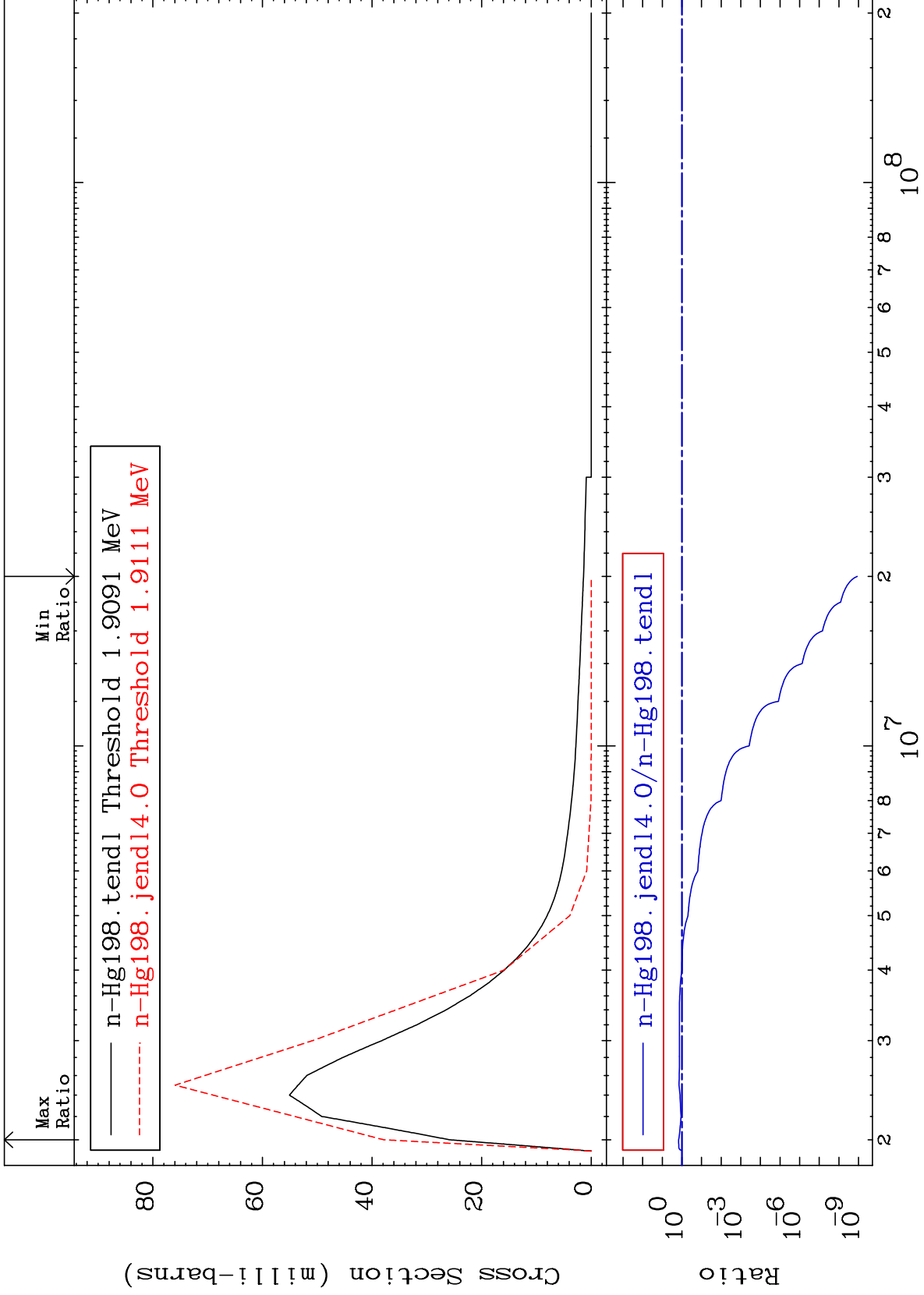
80-Hg-198
-100.0 To -4.381%



MAT 8031

MT= 67 (n,n') Level
Cross Section

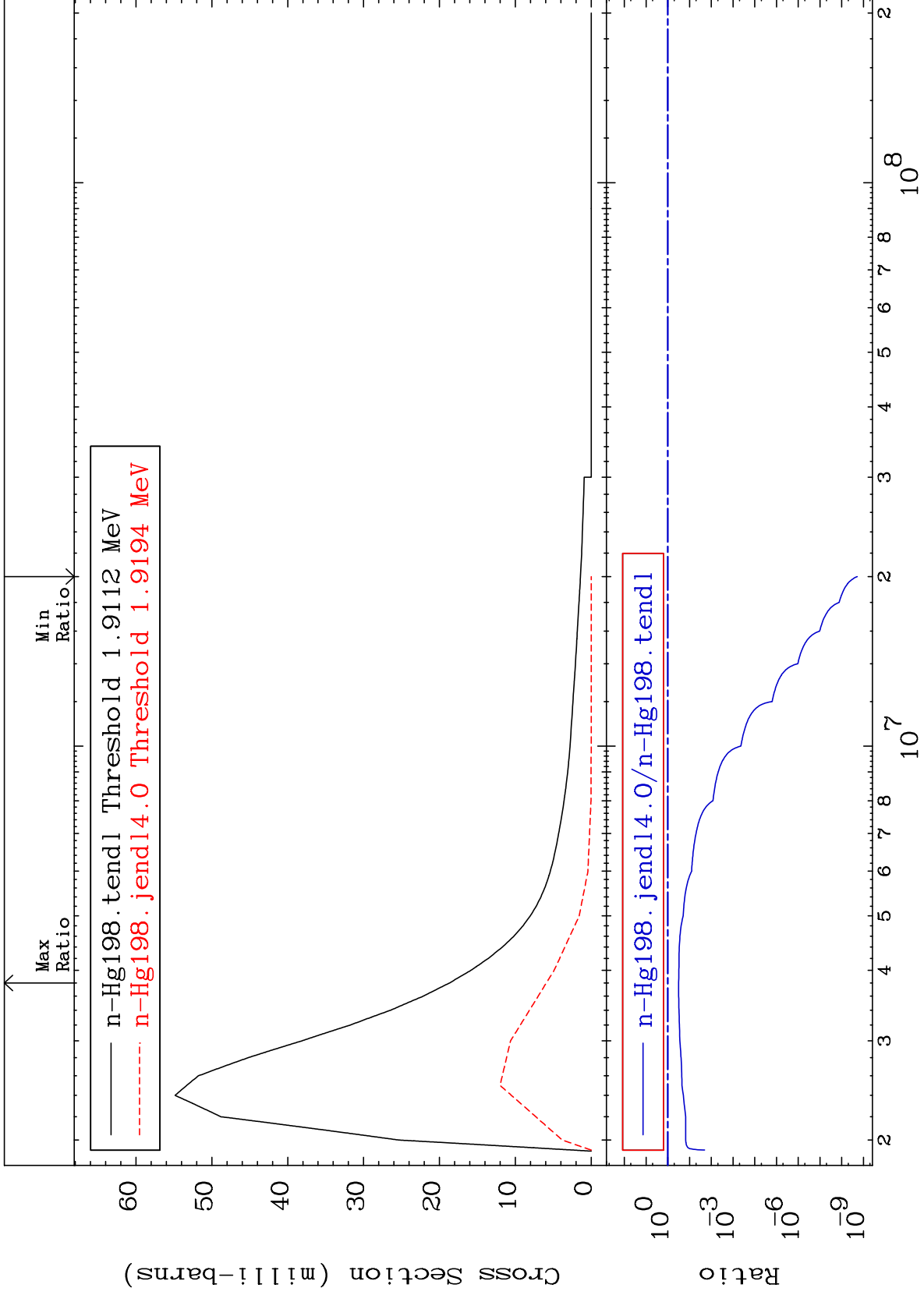
80-Hg-198
-100.0 To 46.59 %



MAT 8031

MT= 68 (n,n') Level
Cross Section

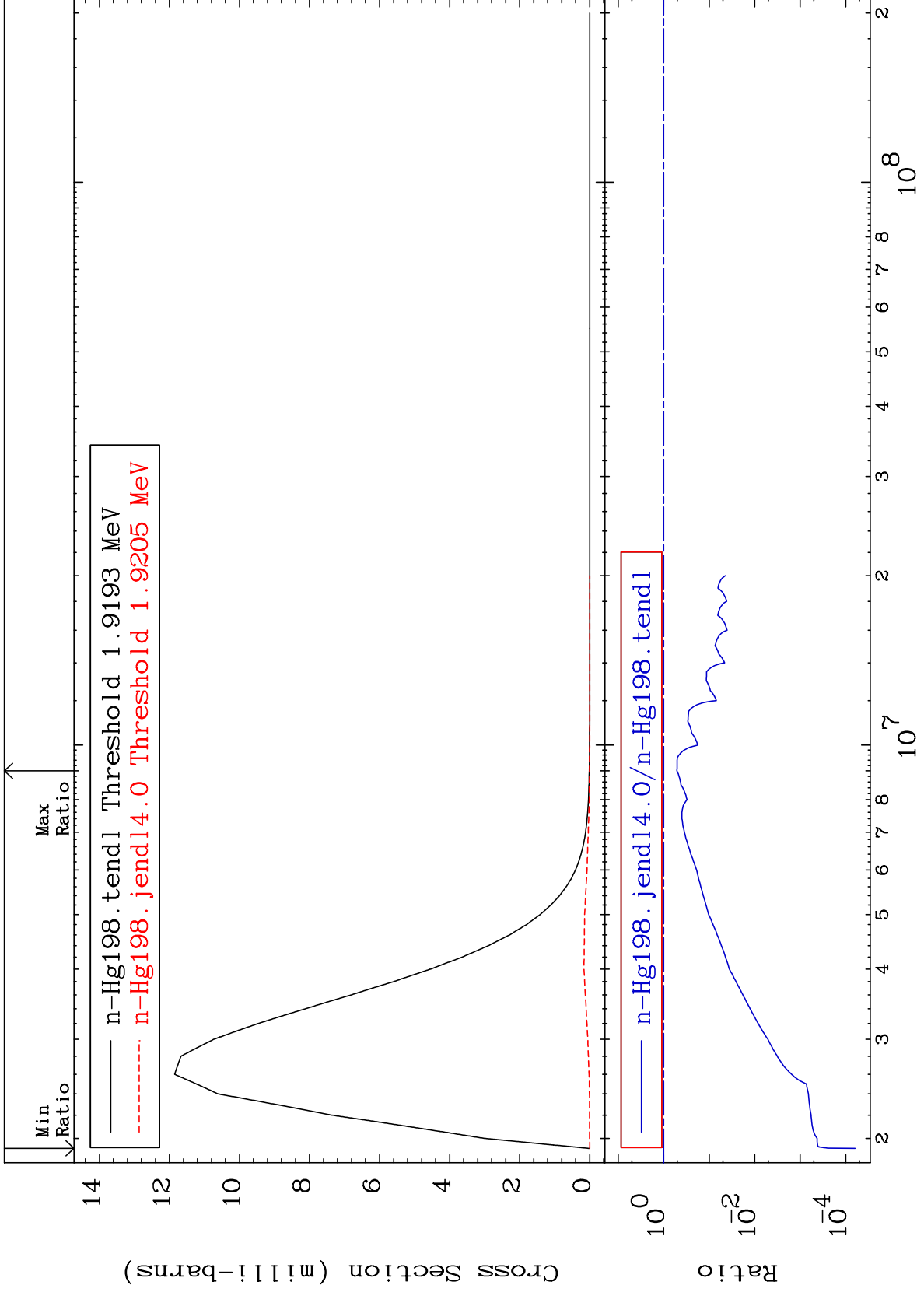
80-Hg-198
-100.0 To -68.33%



MAT 8031

MT= 69 (n,n') Level
Cross Section

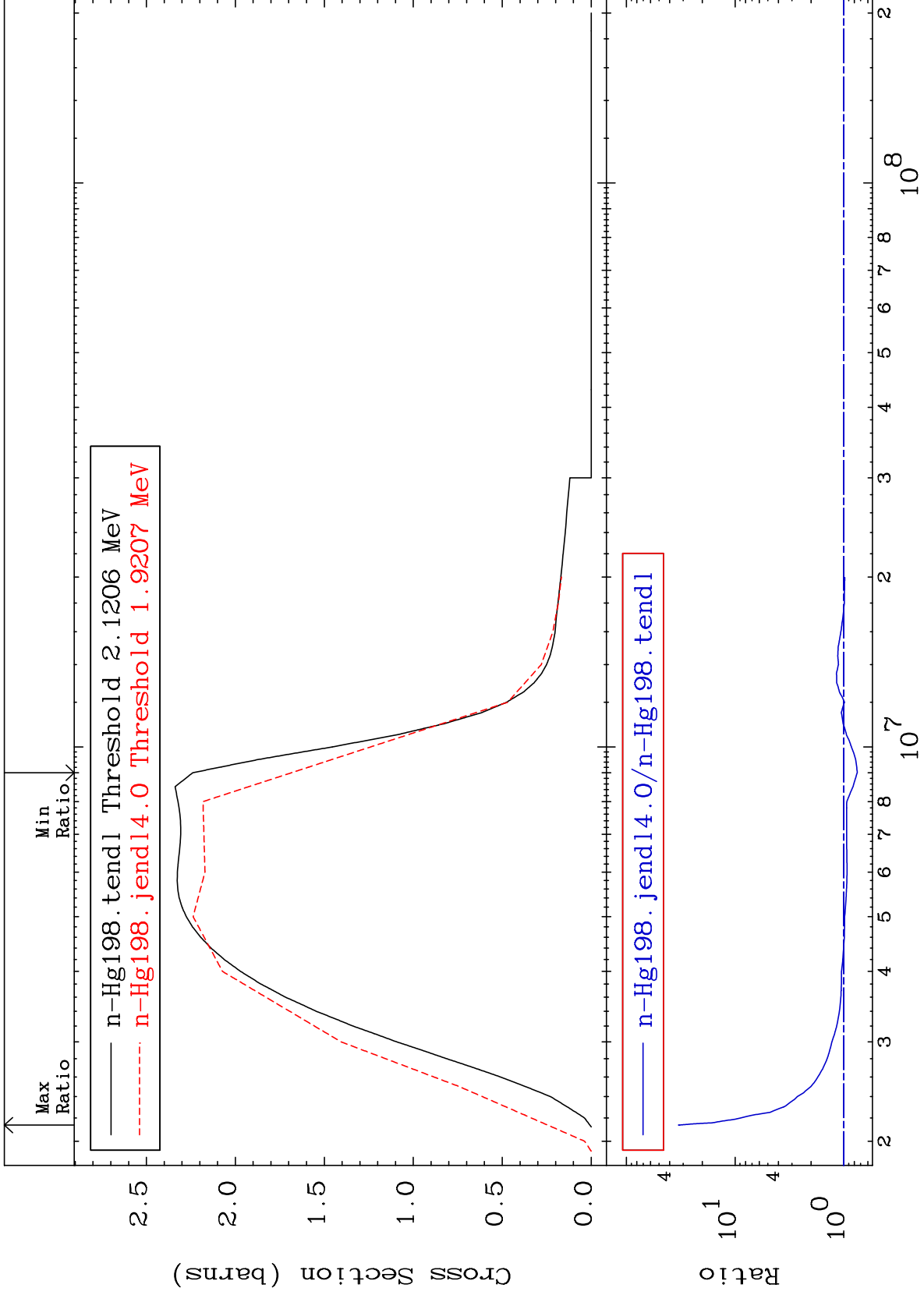
80-Hg-198
-99.99 To -48.79%



MAT 8031

(n, n') Continuum
Cross Section

80-Hg-198
-24.75 To 3204. %

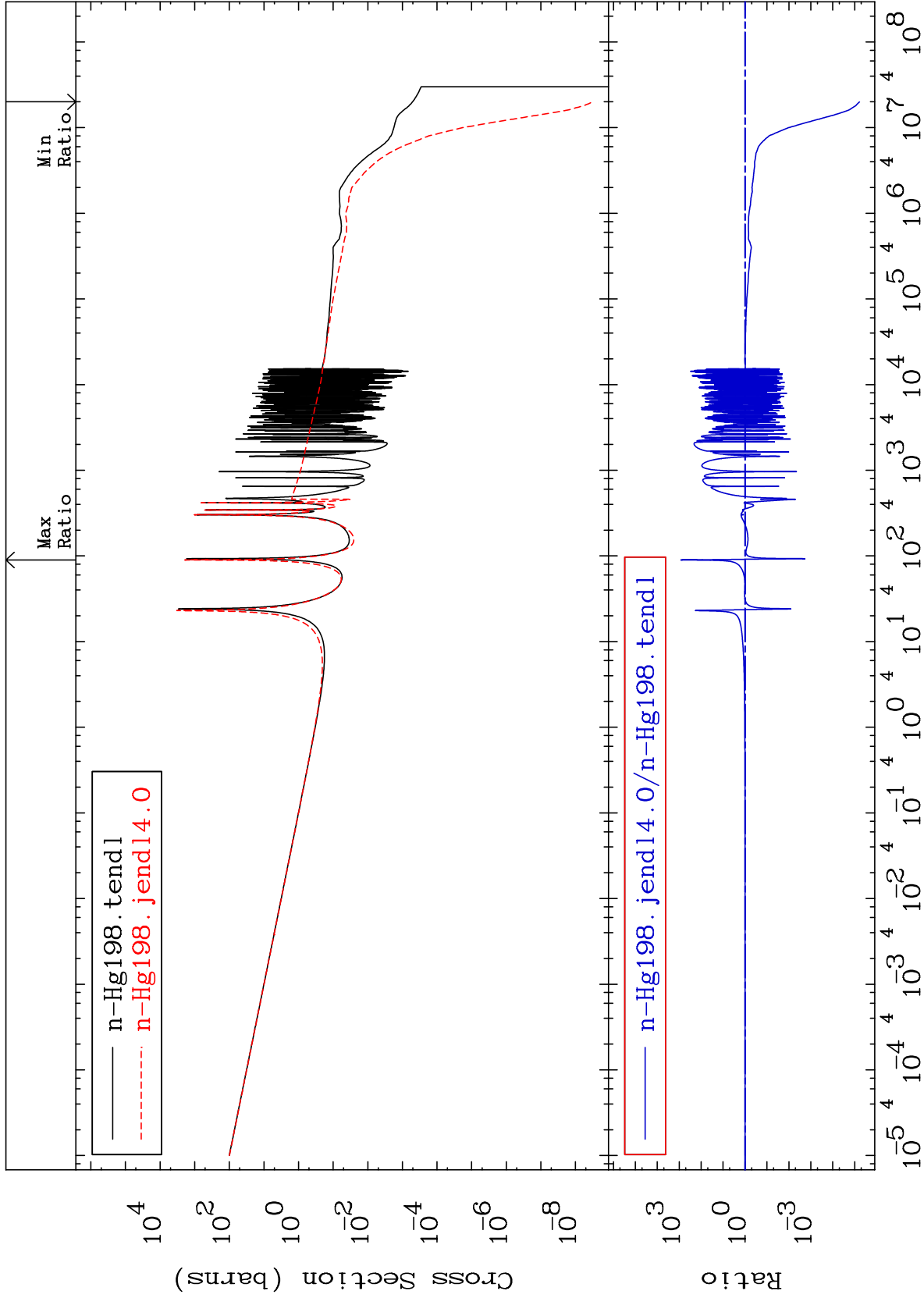


MAT 8031

80-Hg-198

(n, γ)
Cross Section

-100.0 To 9999. %



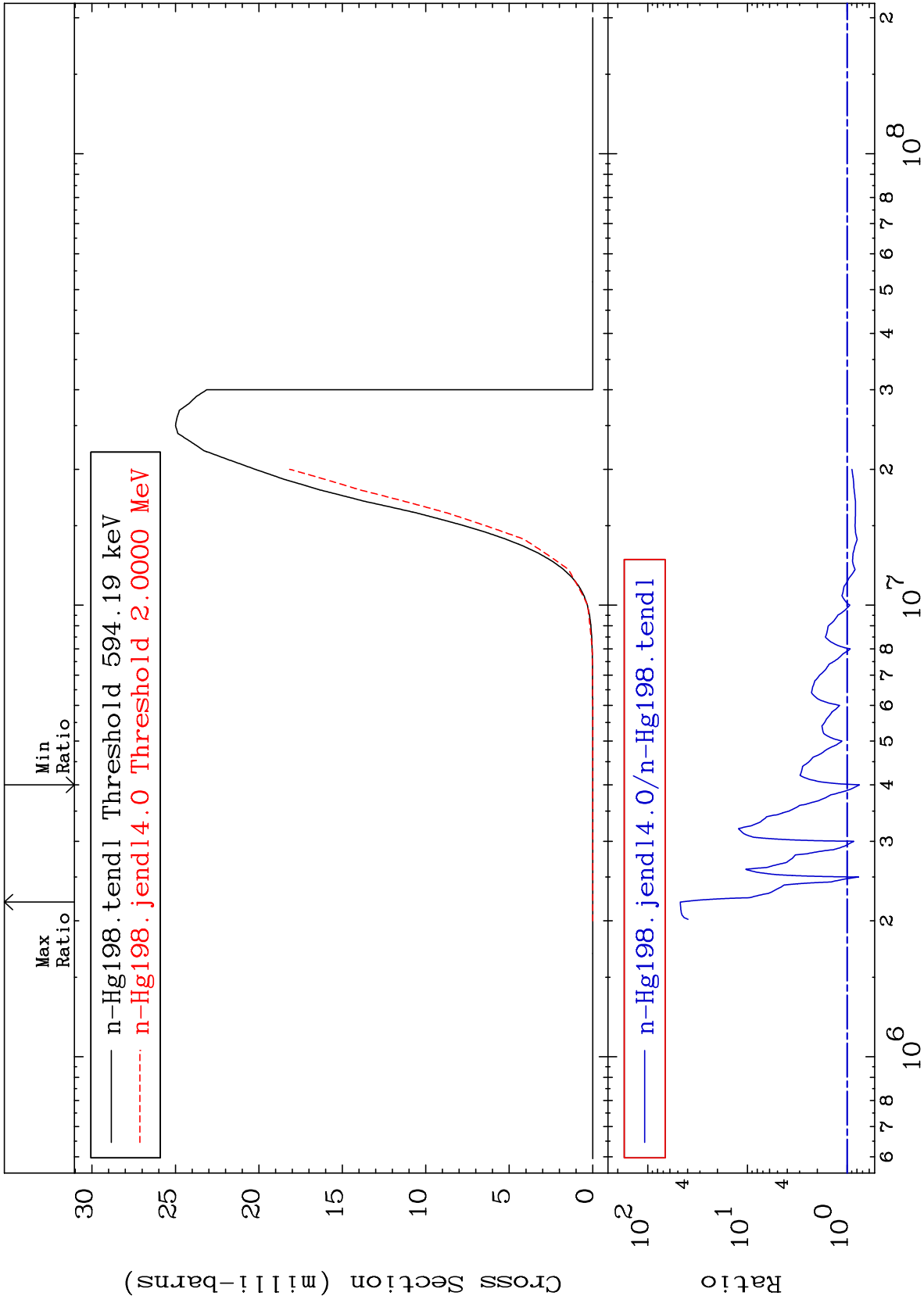
MAT 8031

(n,p)

80-Hg-198

Cross Section

-24.59 To 4618. %



29

80-Hg-198

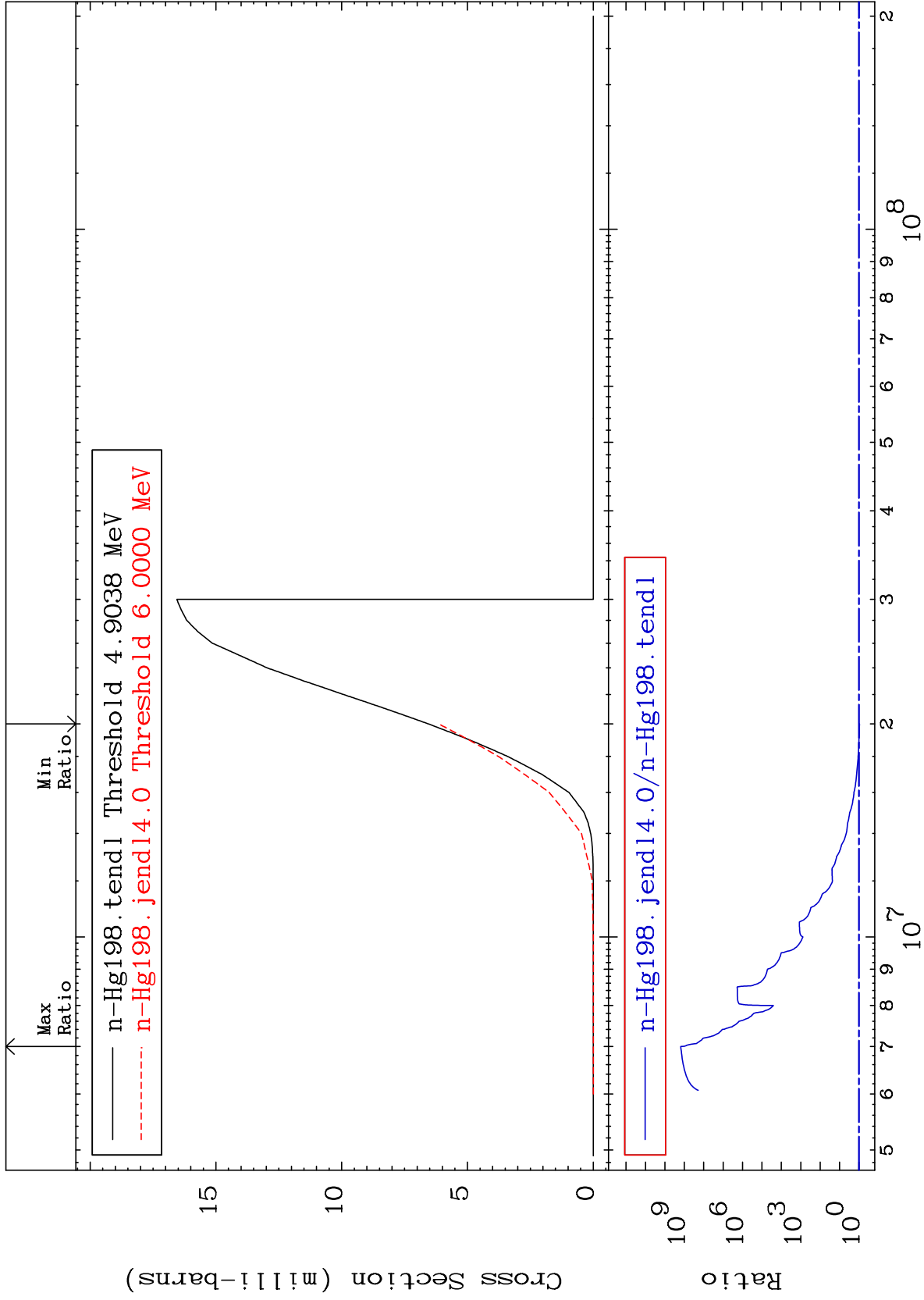
MAT 8031

(n, d)

80-Hg-198

Cross Section

-6.282 To 9999. %



30

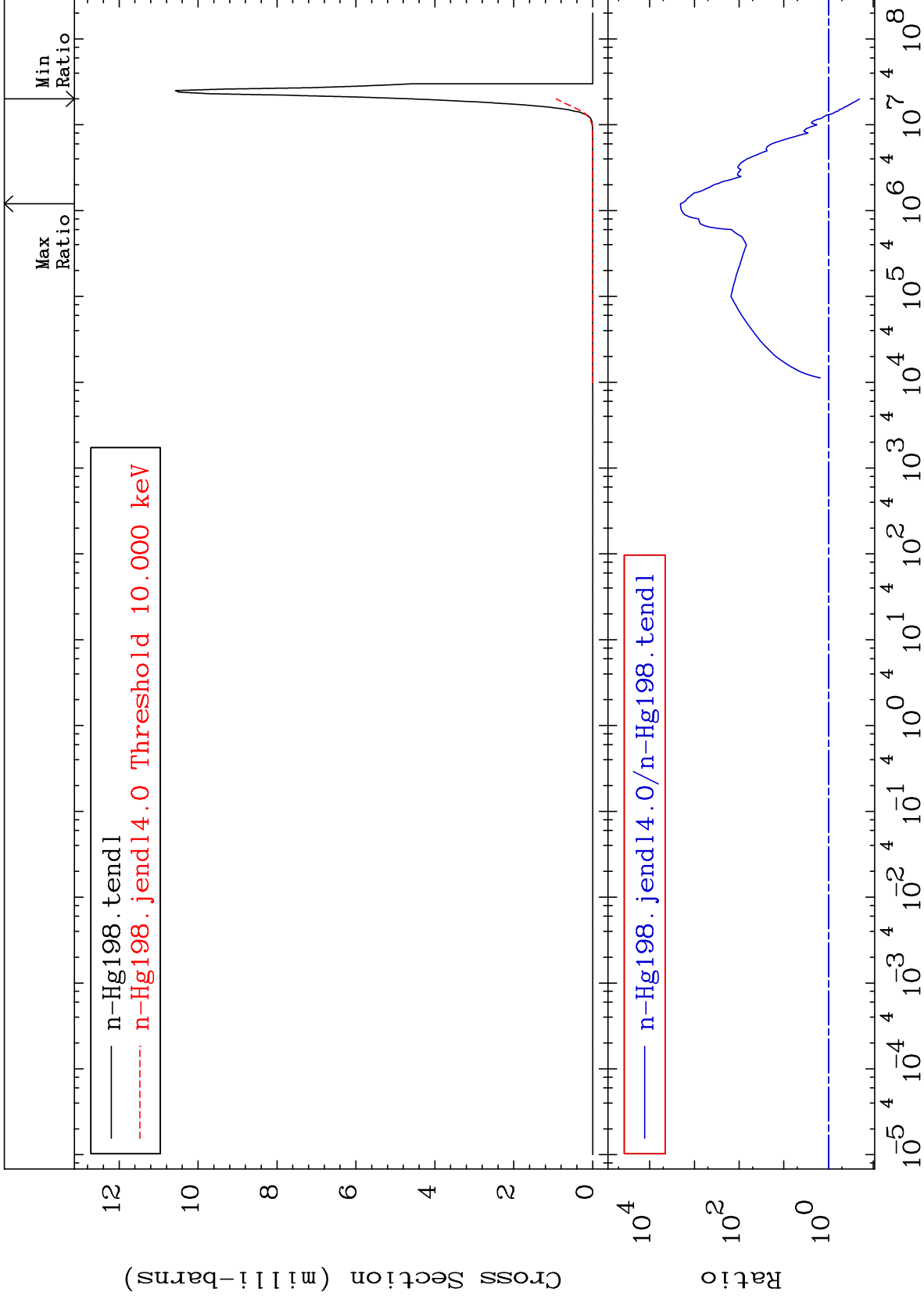
80-Hg-198

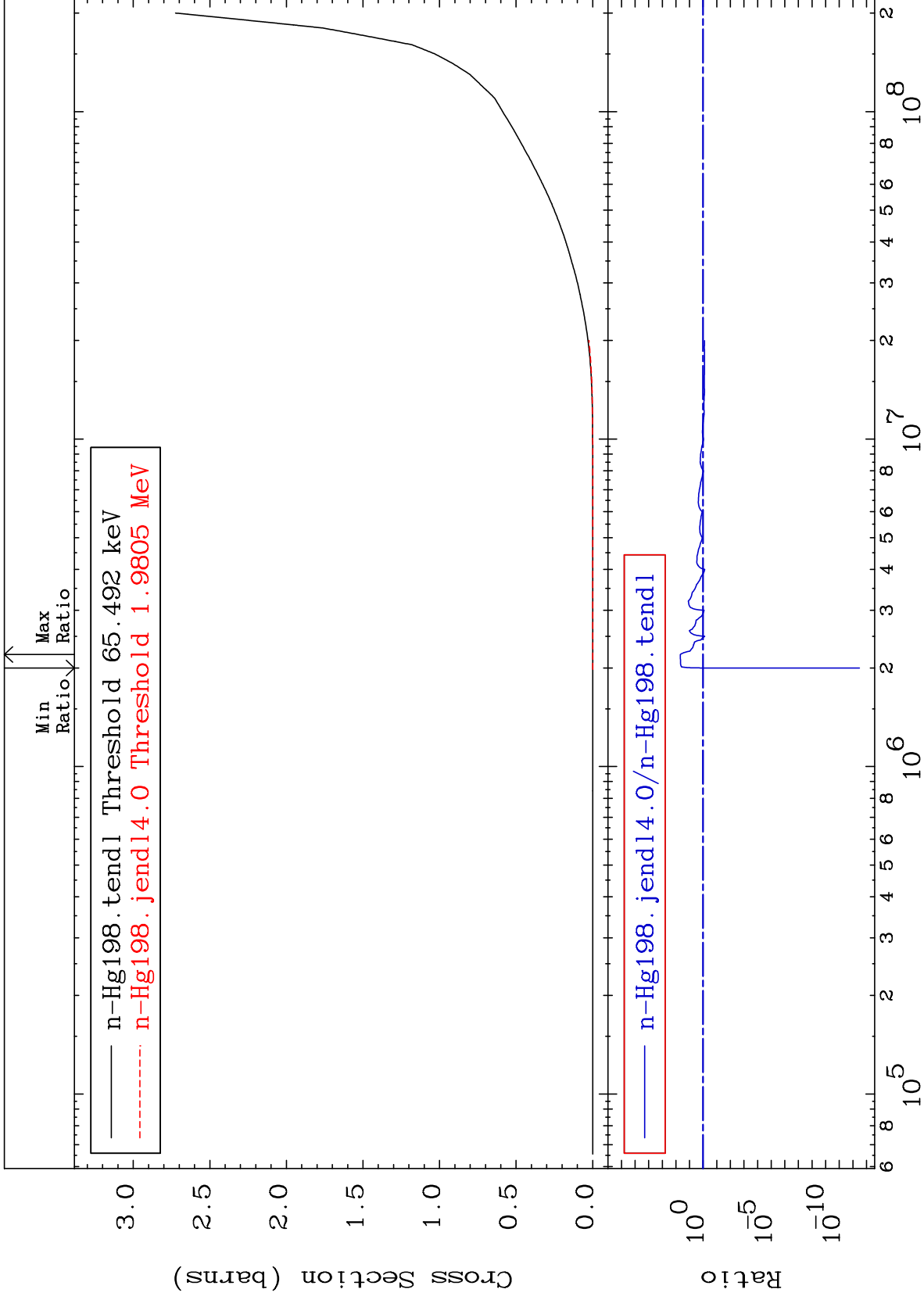
MAT 8031

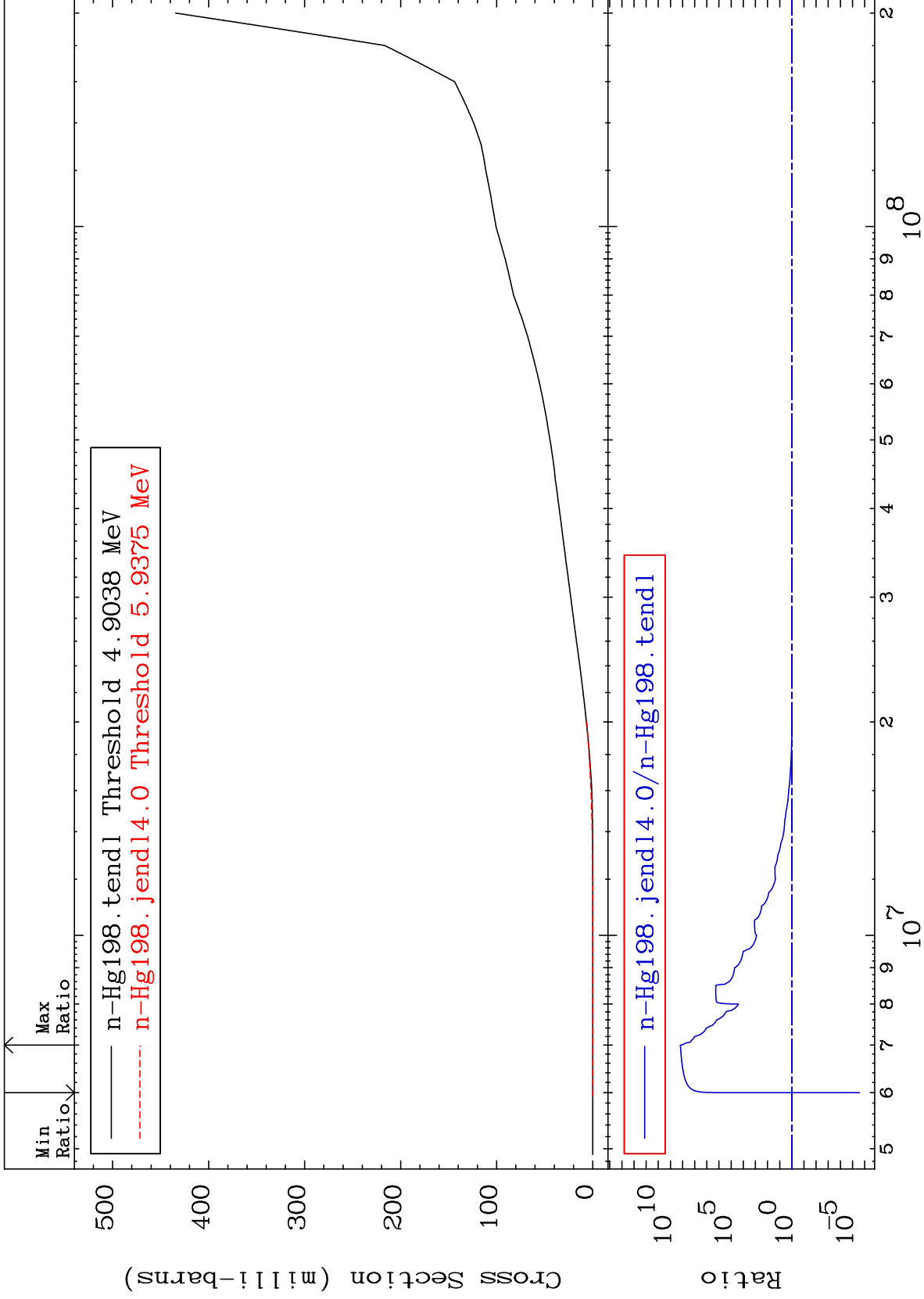
(n, α)

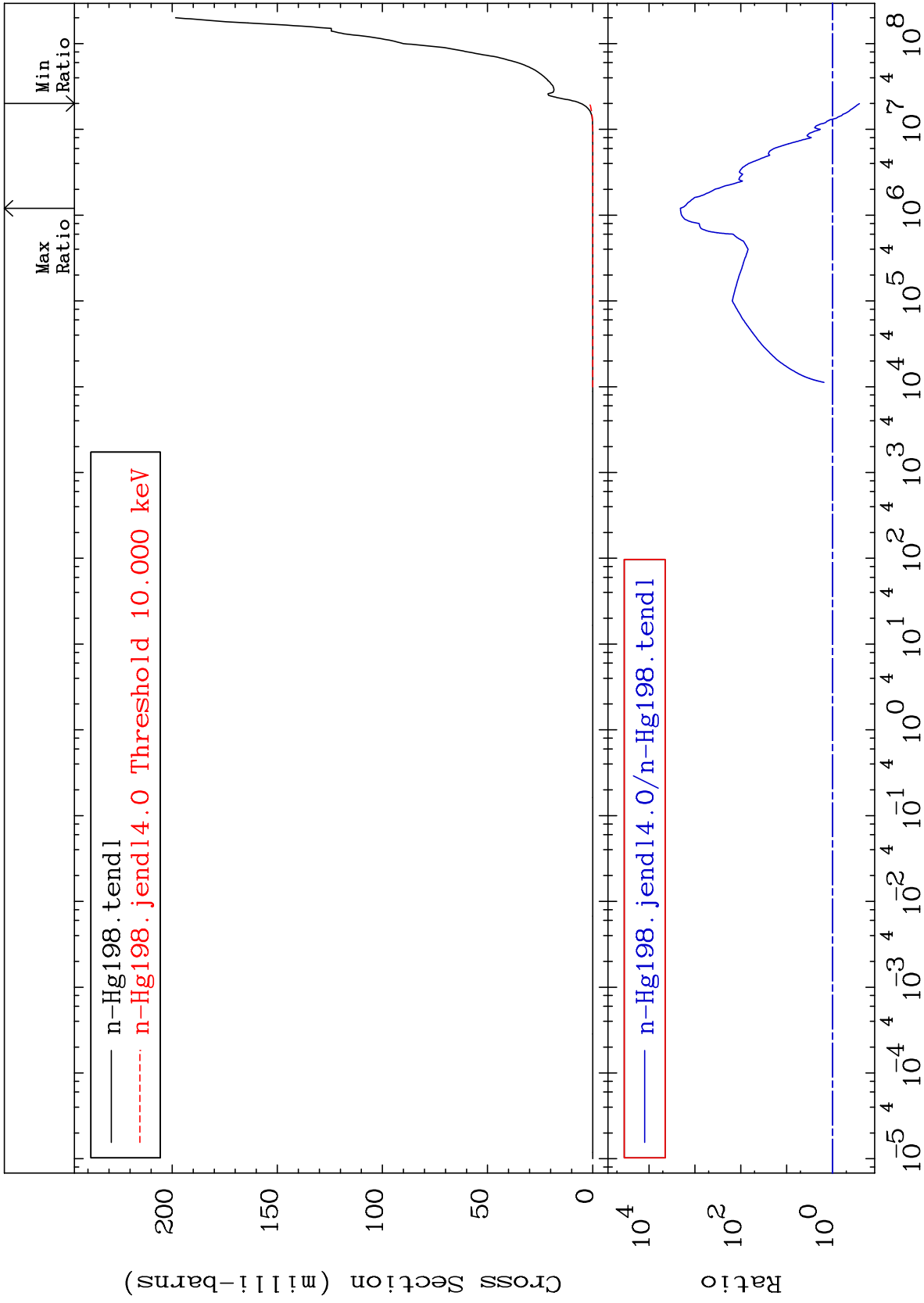
Cross Section

80-Hg-198
-79.66 To 9999. %



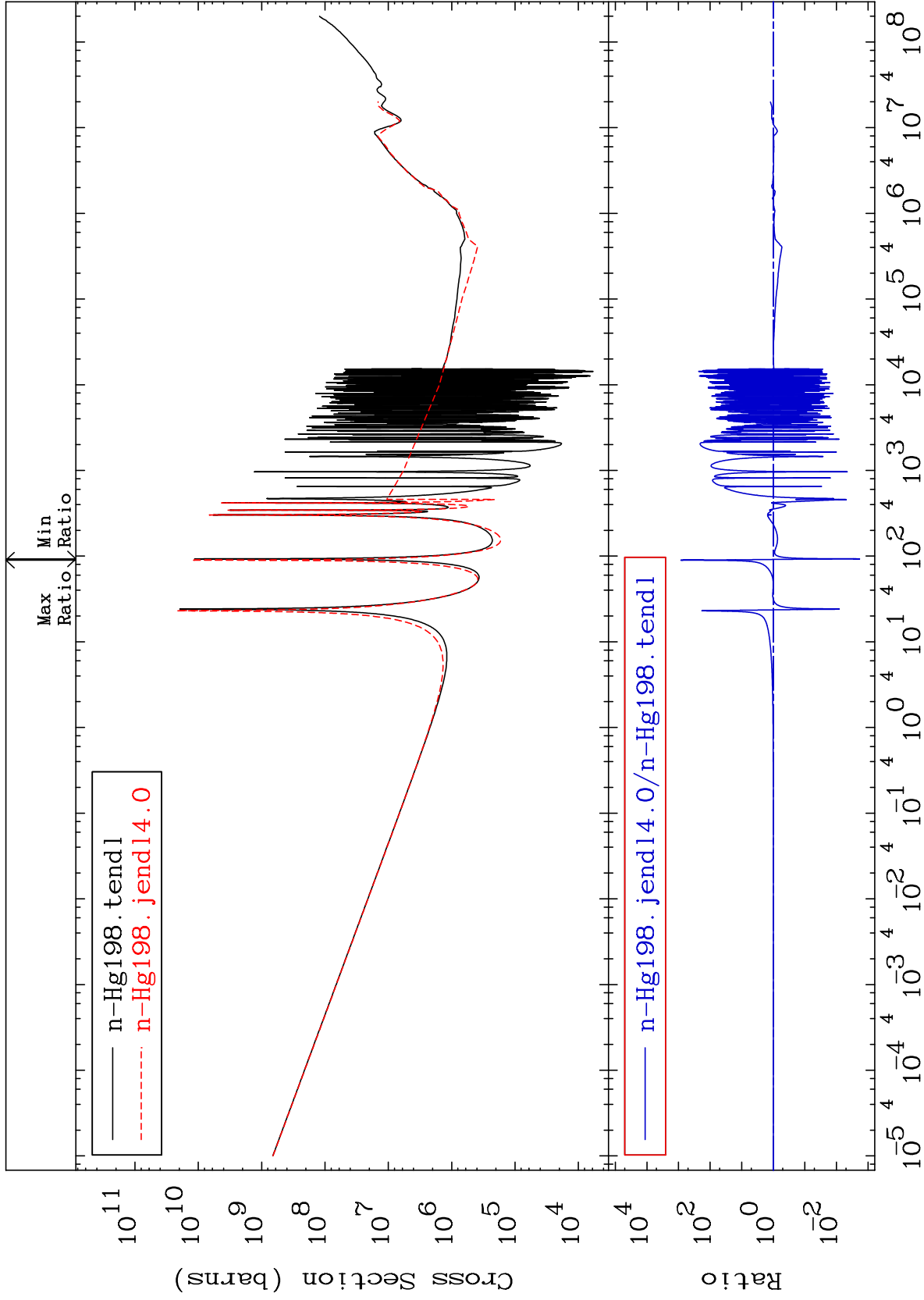






Cross Section

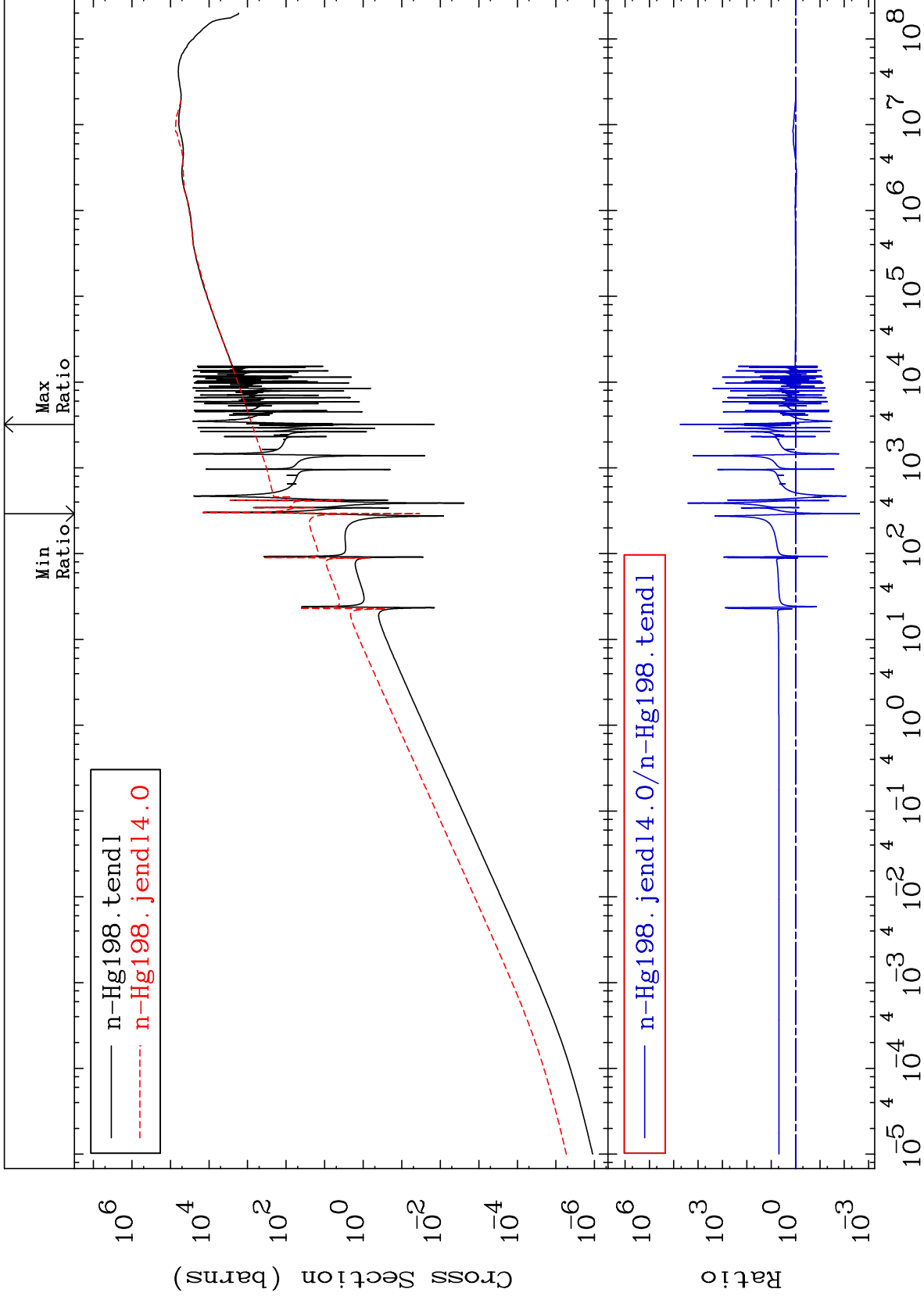
-99.81 To 9999. %

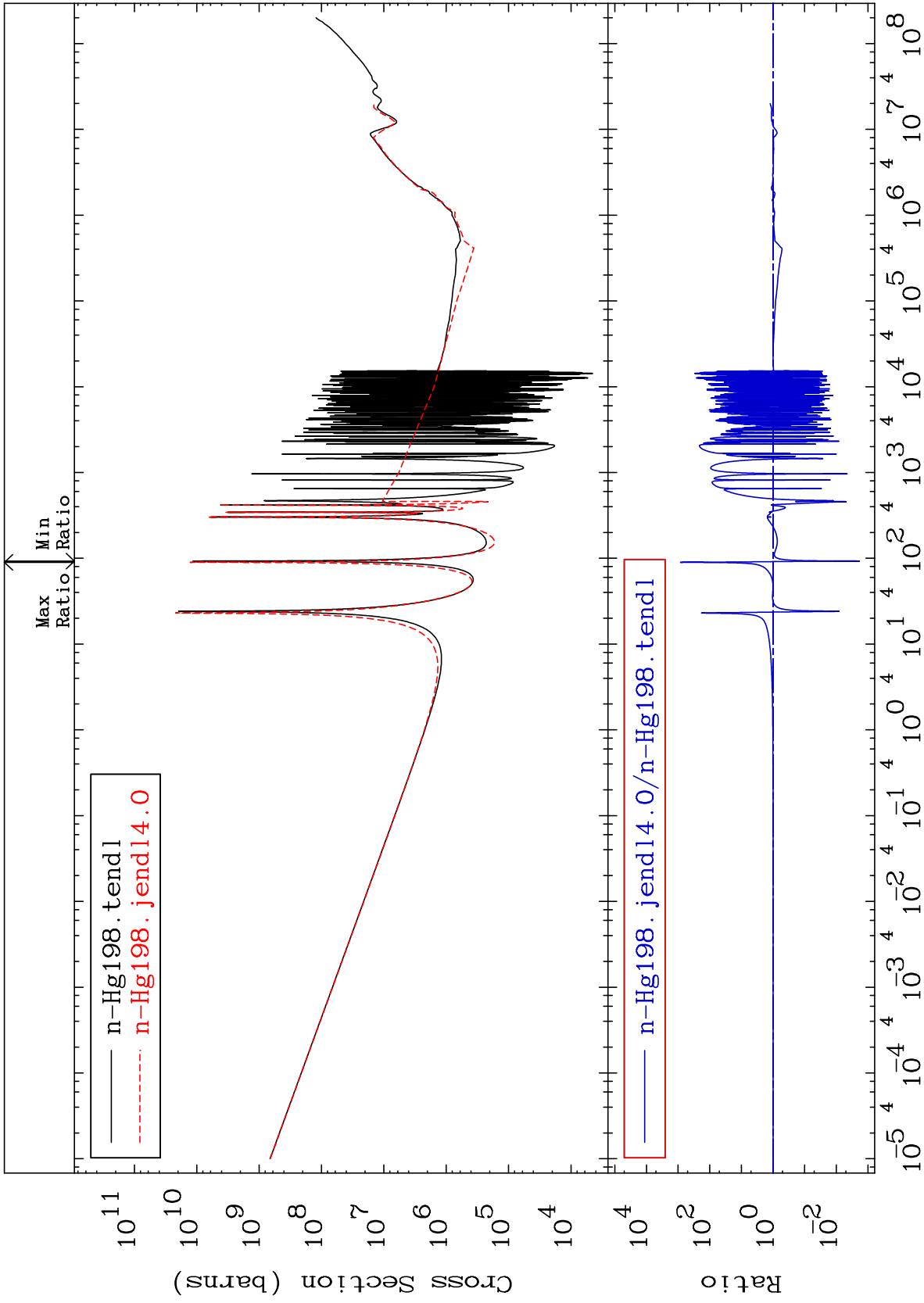


MAT 8031

Kerma elastic
Cross Section

80-Hg-198
-99.76 To 9999. %

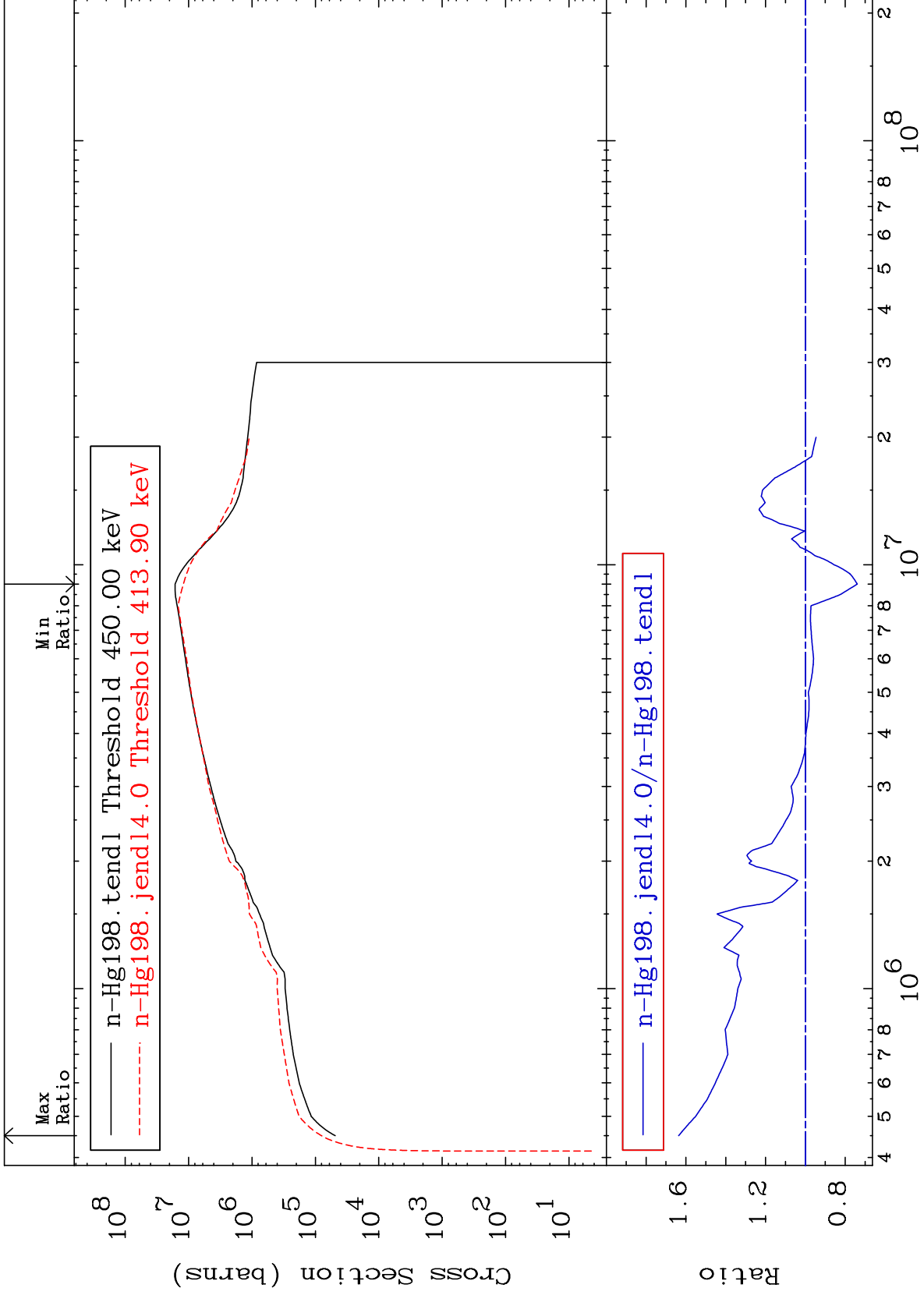




MAT 8031

Kerma inelastic (mt51-91)
Cross Section

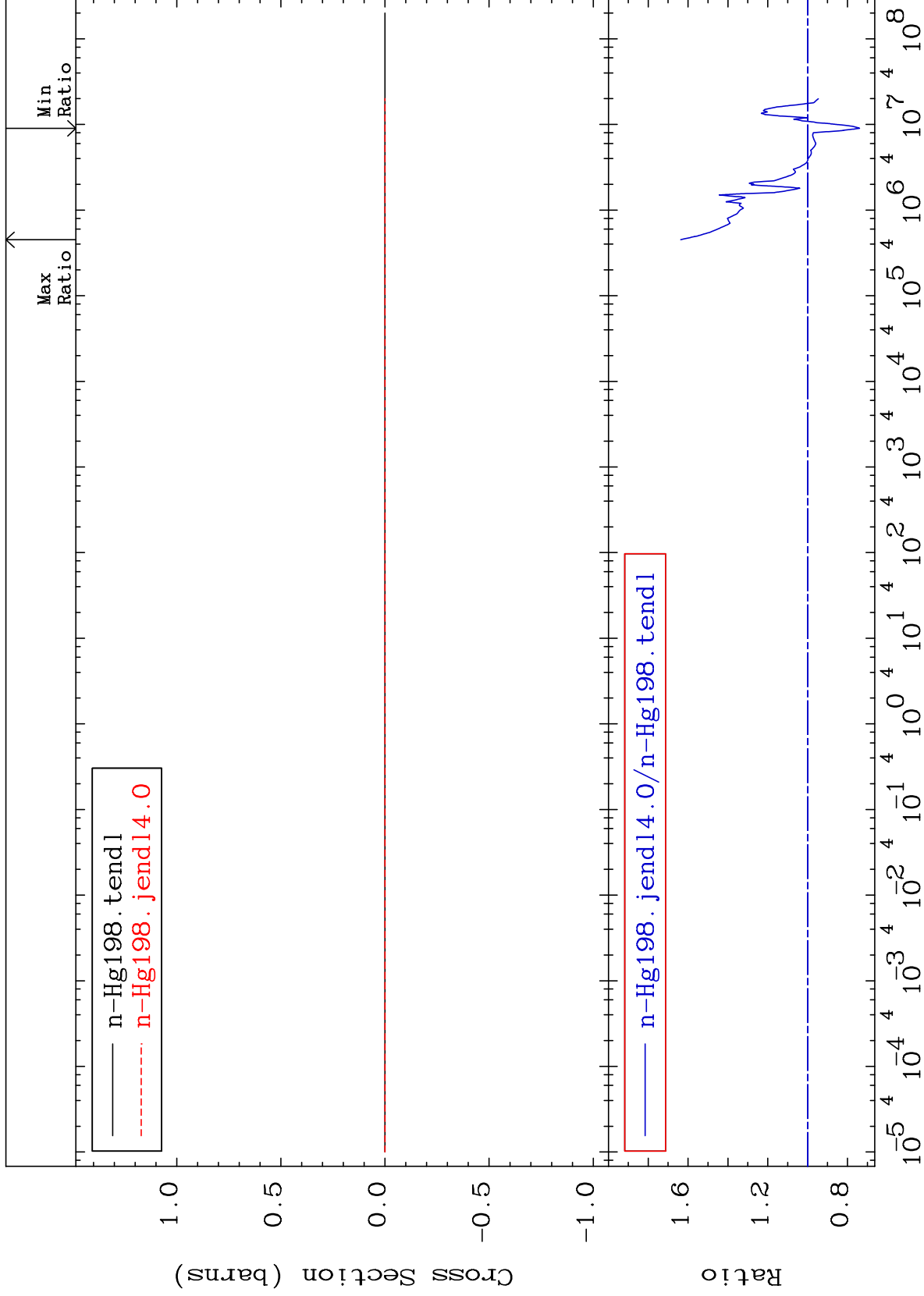
80-Hg-198
-26.04 To 63.66 %



MAT 8031

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

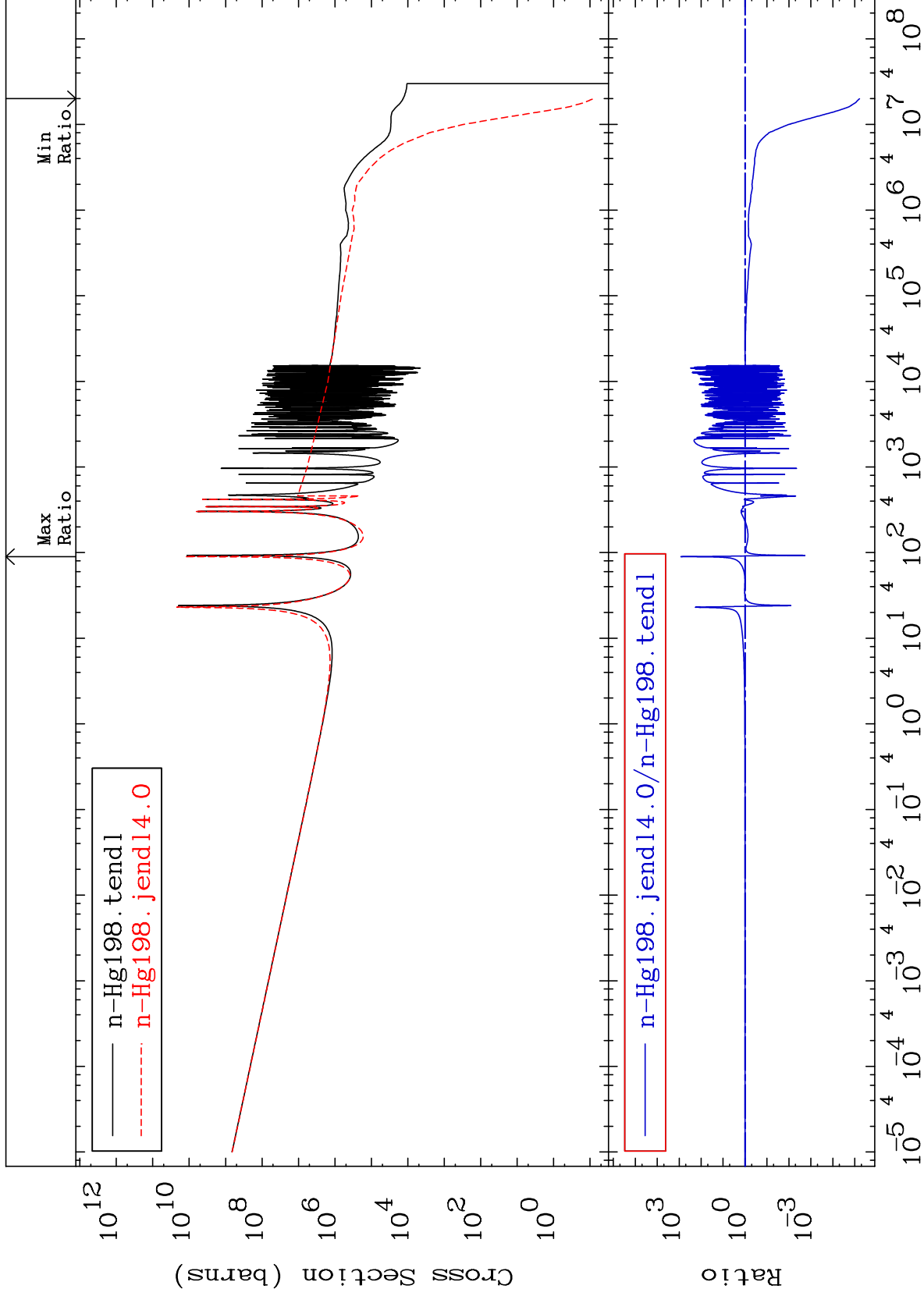
80-Hg-198
-26.04 To 63.66 %



MAT 8031

Kerma capture (mt102)
Cross Section

80-Hg-198
-100.0 To 9999. %



40

Incident Energy (eV)

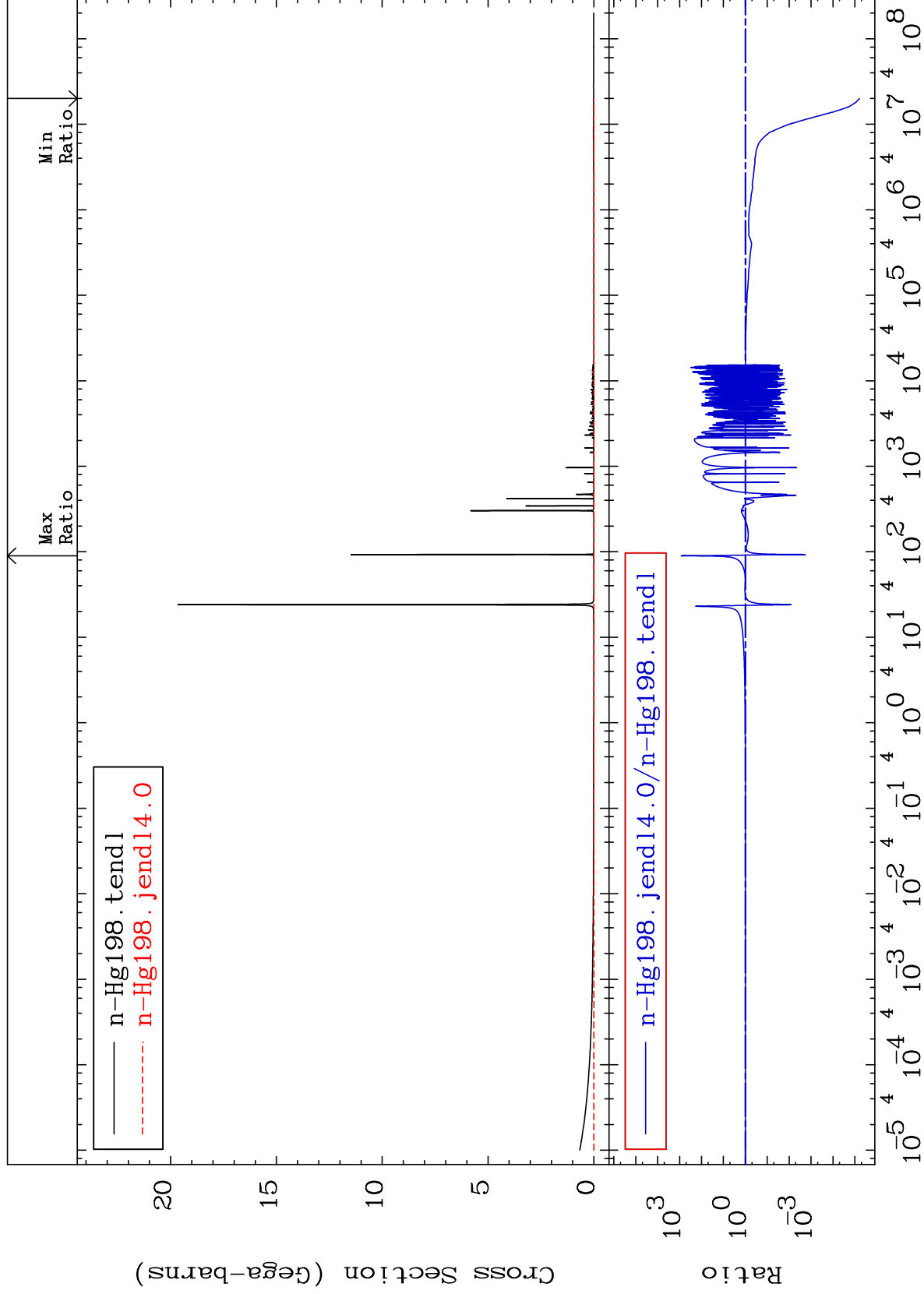
80-Hg-198

MAT 8031

Total photon (eV-barns)
Cross Section

80-Hg-198

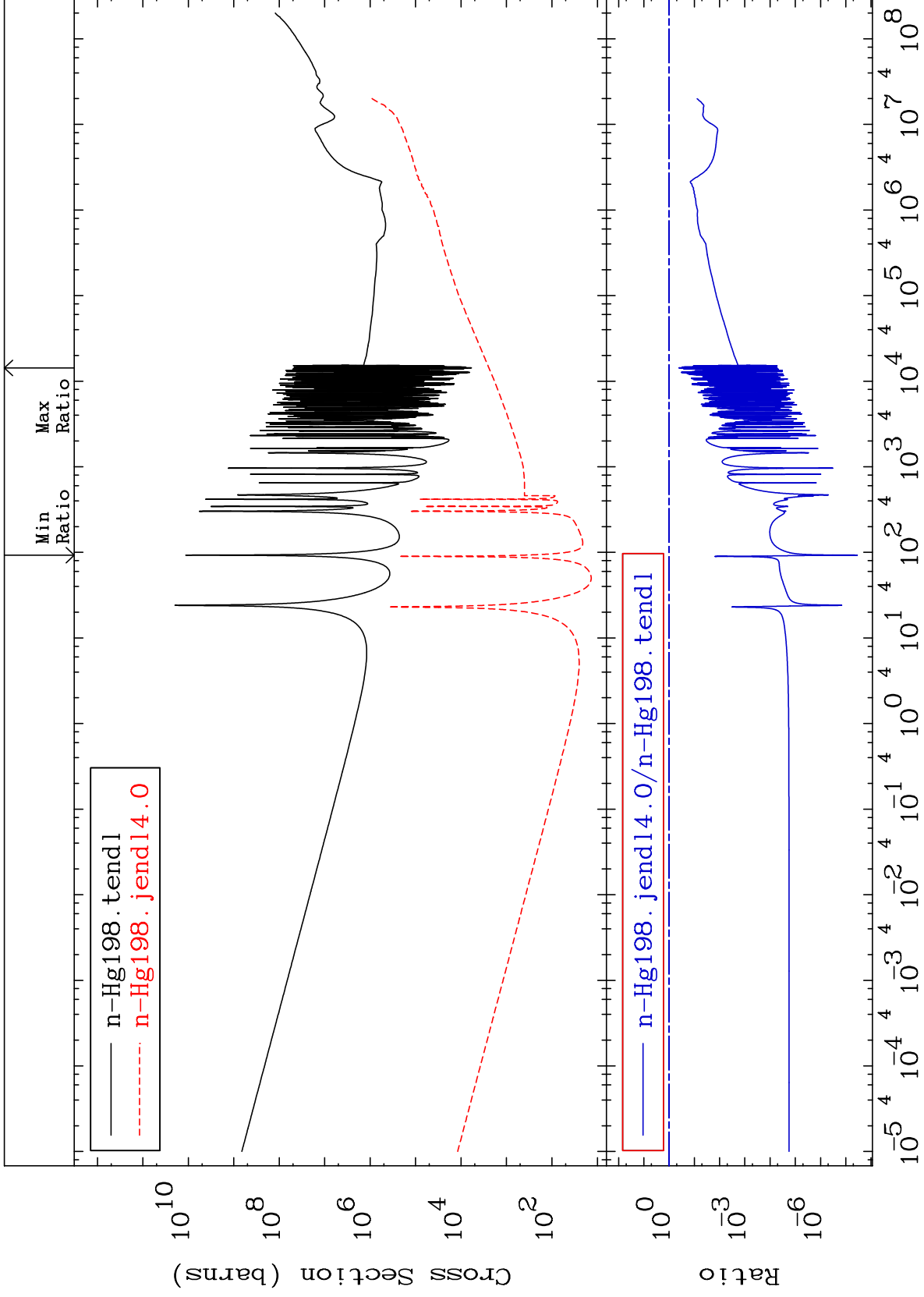
-100.0 To 9999. %



41

Incident Energy (eV)

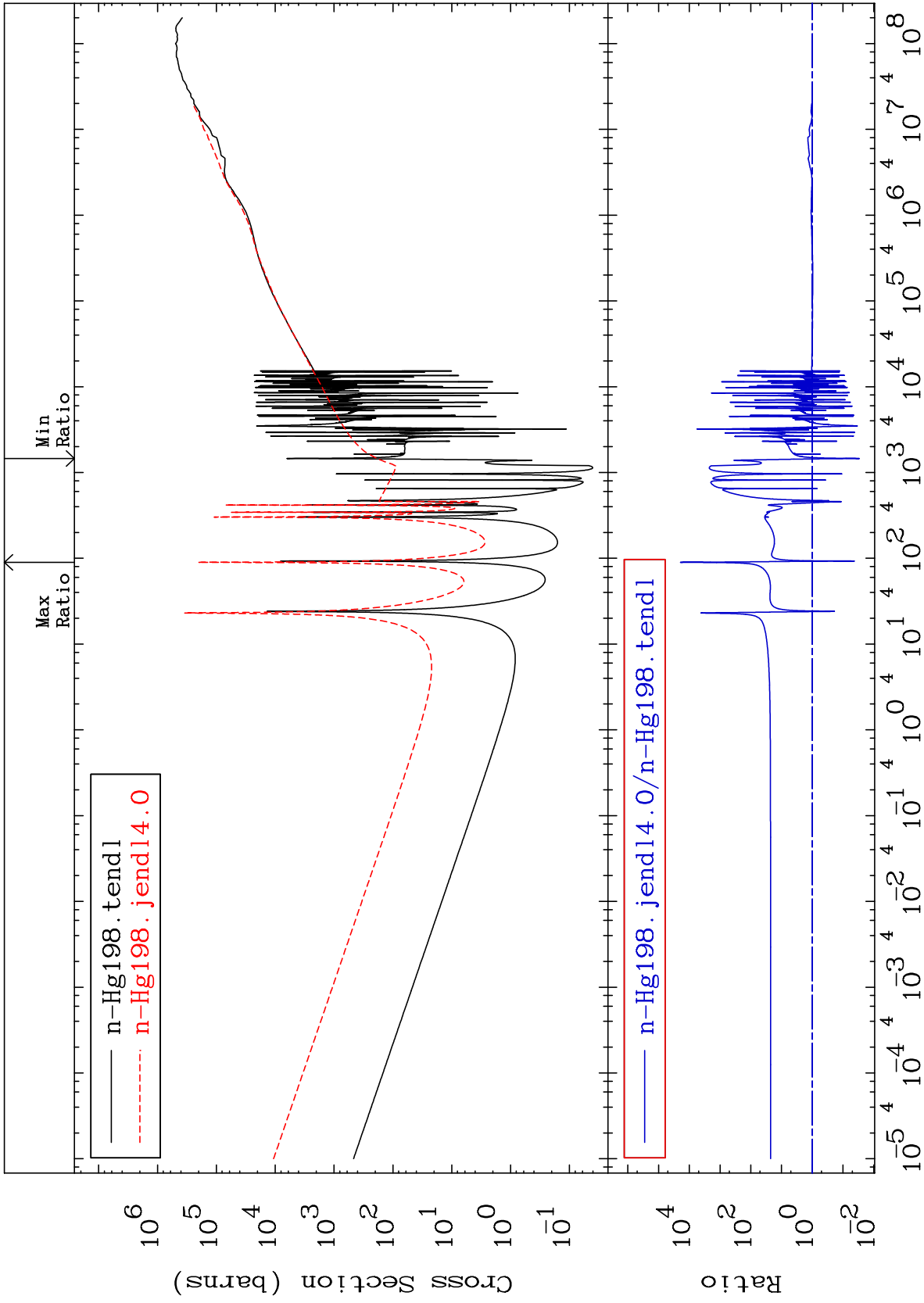
80-Hg-198



MAT 8031

Dpa total (eV-barns)
Cross Section

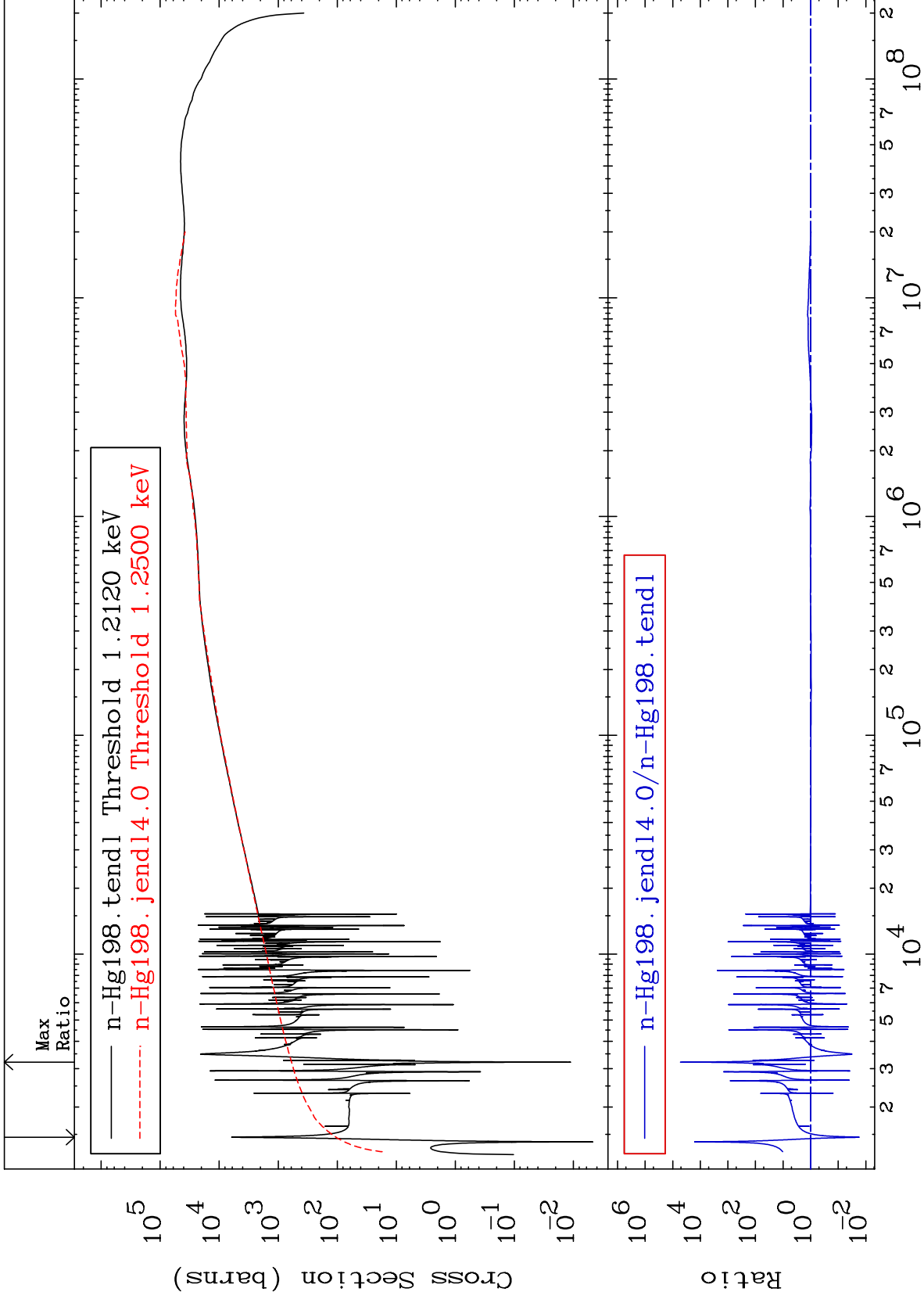
80-Hg-198
-97.07 To 9999. %



43

Incident Energy (eV)

80-Hg-198

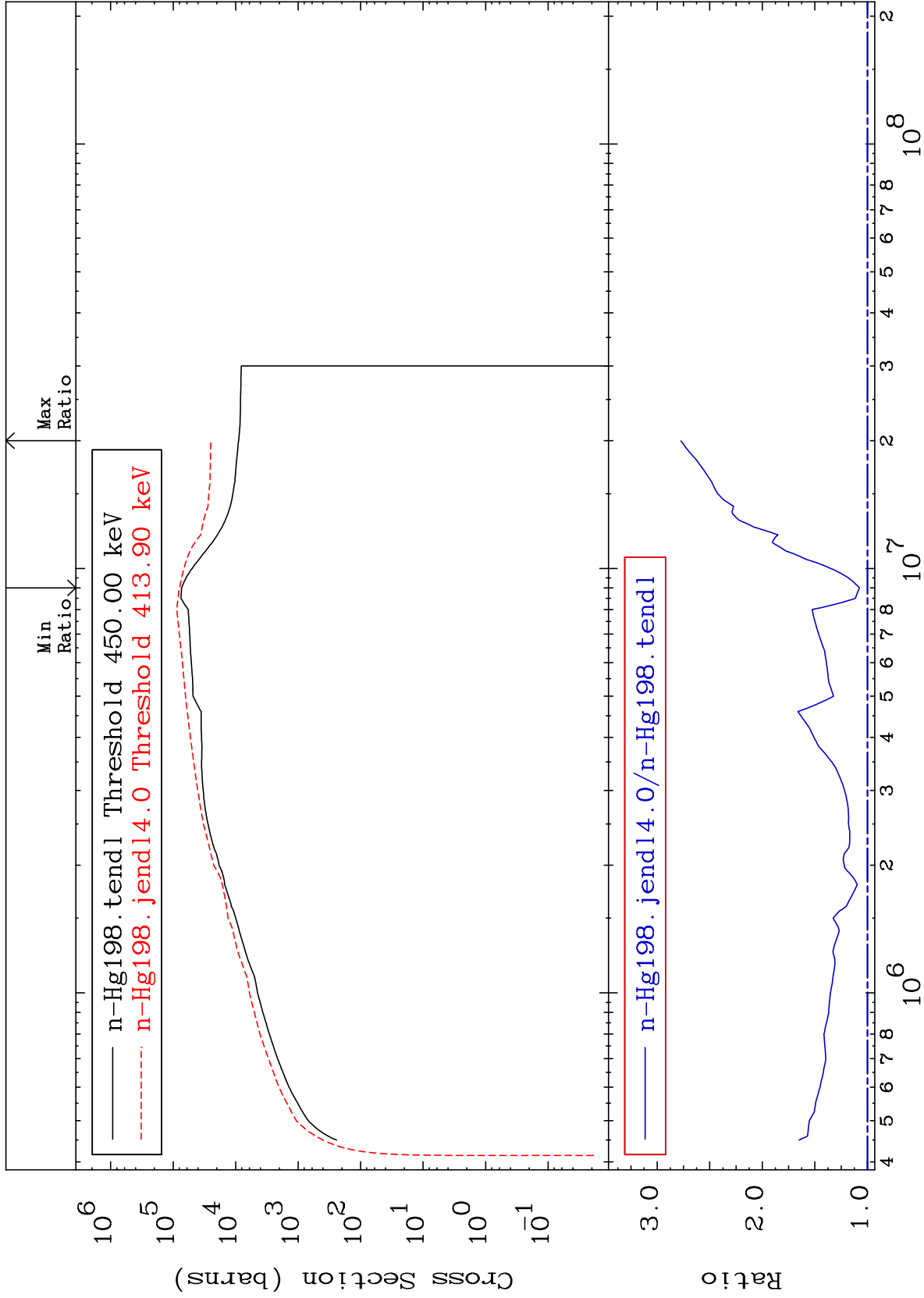


MAT 8031

Dpa inelastic (mt51-91)
Cross Section

80-Hg-198

7.472 To 177.6 %



45

Incident Energy (eV)

80-Hg-198

