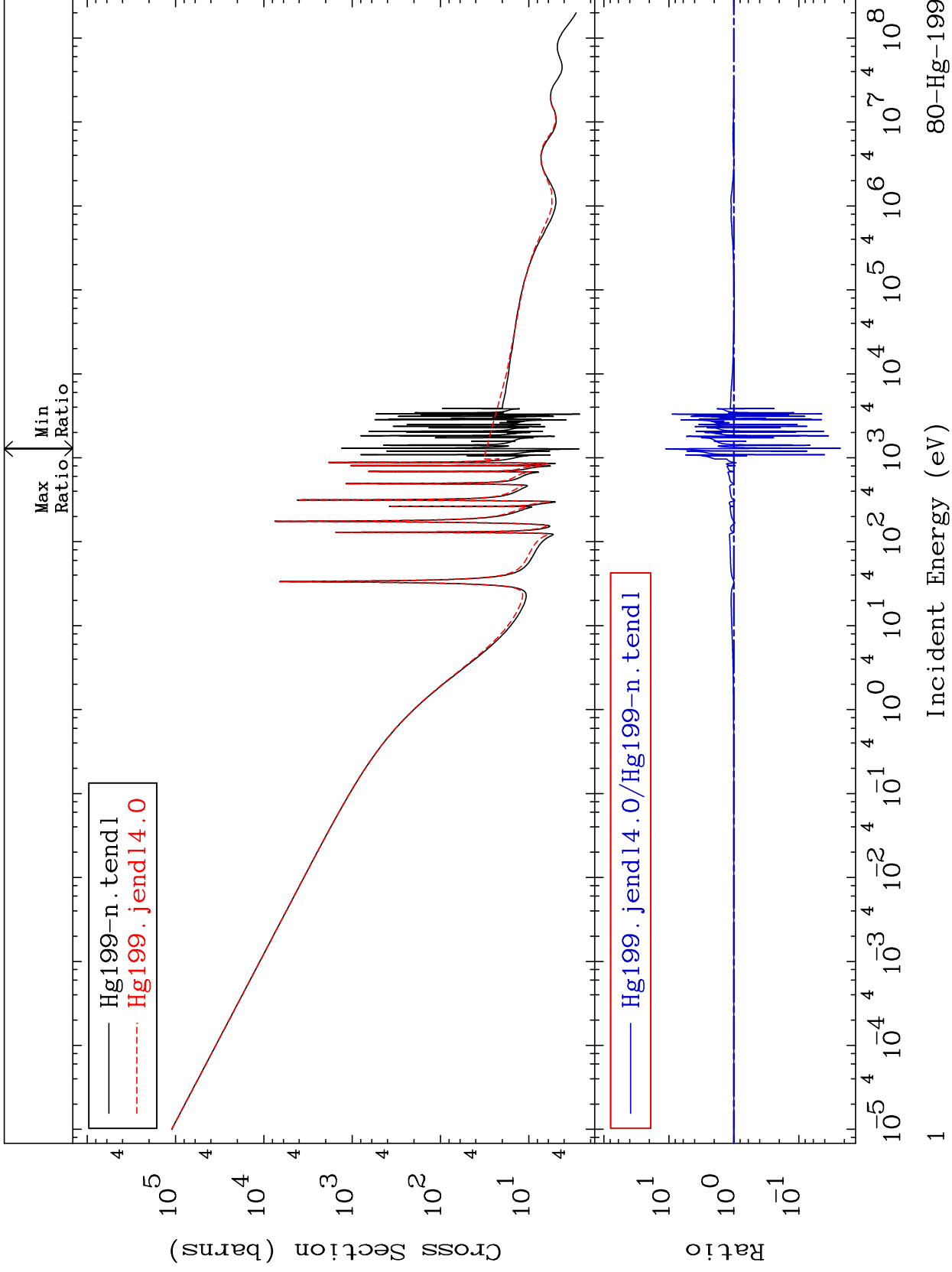


MAT 8034

Total
Cross Section

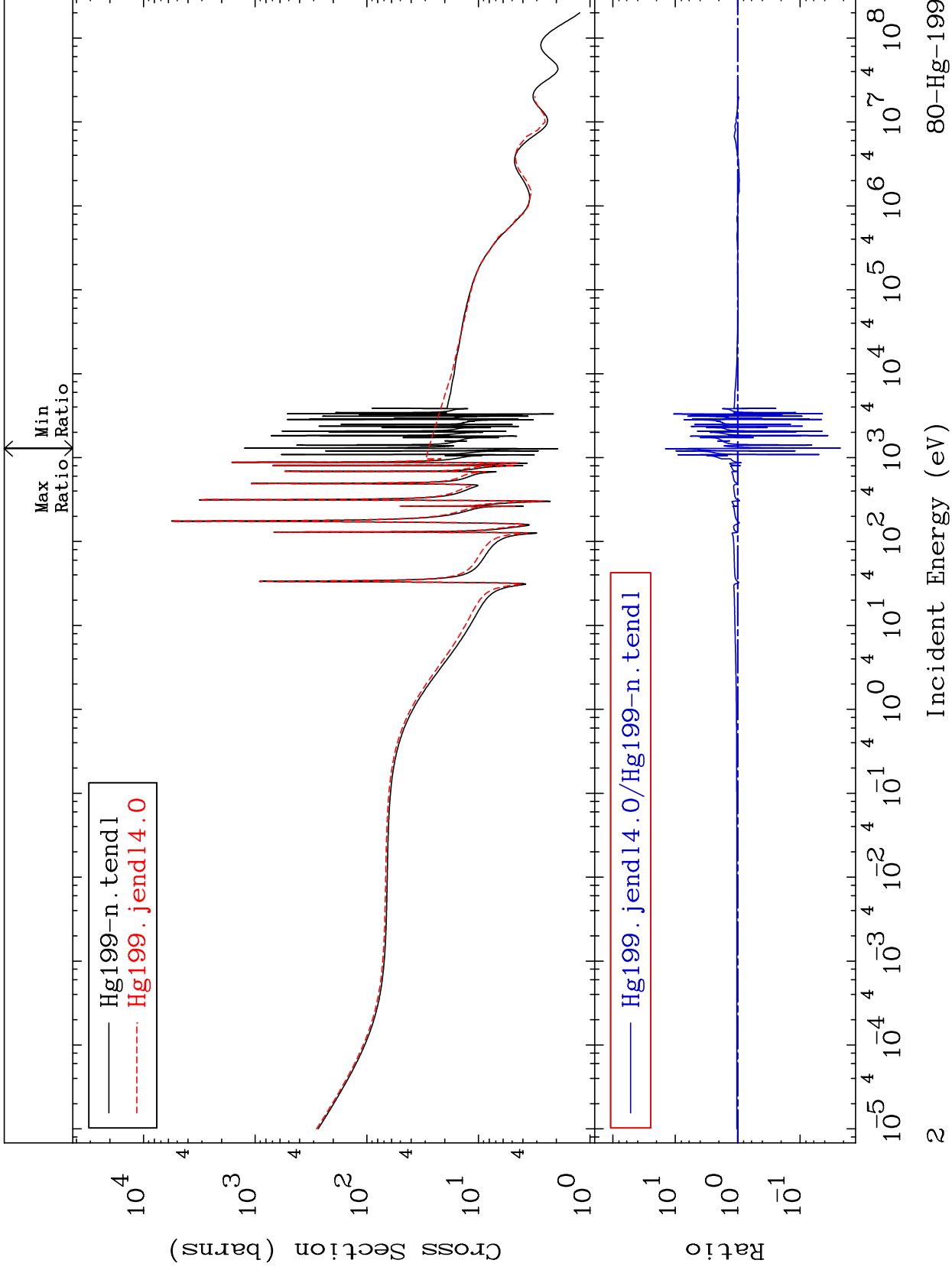
80-Hg-199
-97.73 To 1026. %



MAT 8034

Elastic
Cross Section

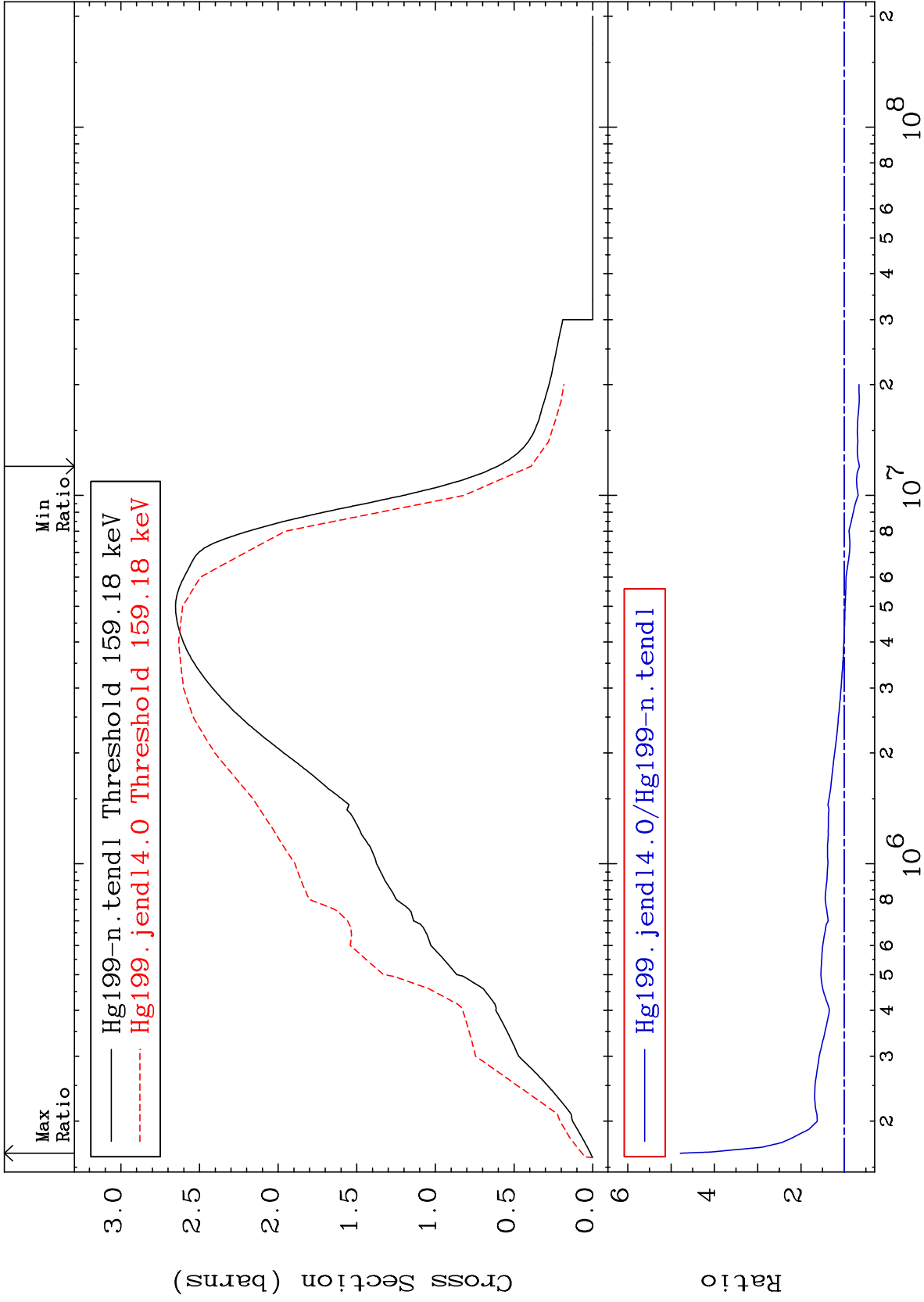
80-Hg-199
-97.77 To 1333. %



MAT 8034

Inelastic
Cross Section

80-Hg-199
-35.00 To 378.5 %



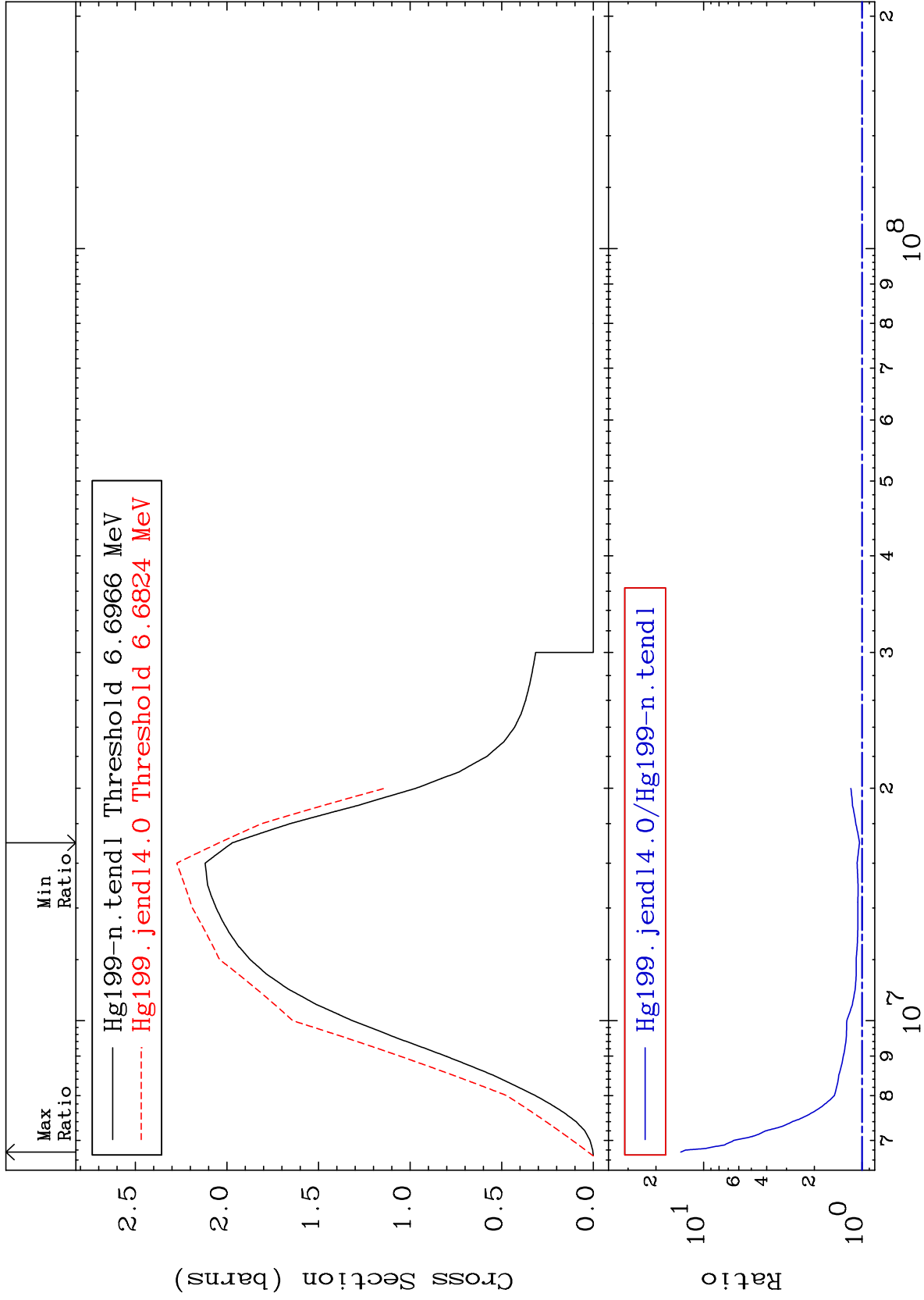
MAT 8034

(n,2n)

80-Hg-199

Cross Section

3.630 To 1293. %



MAT 8034

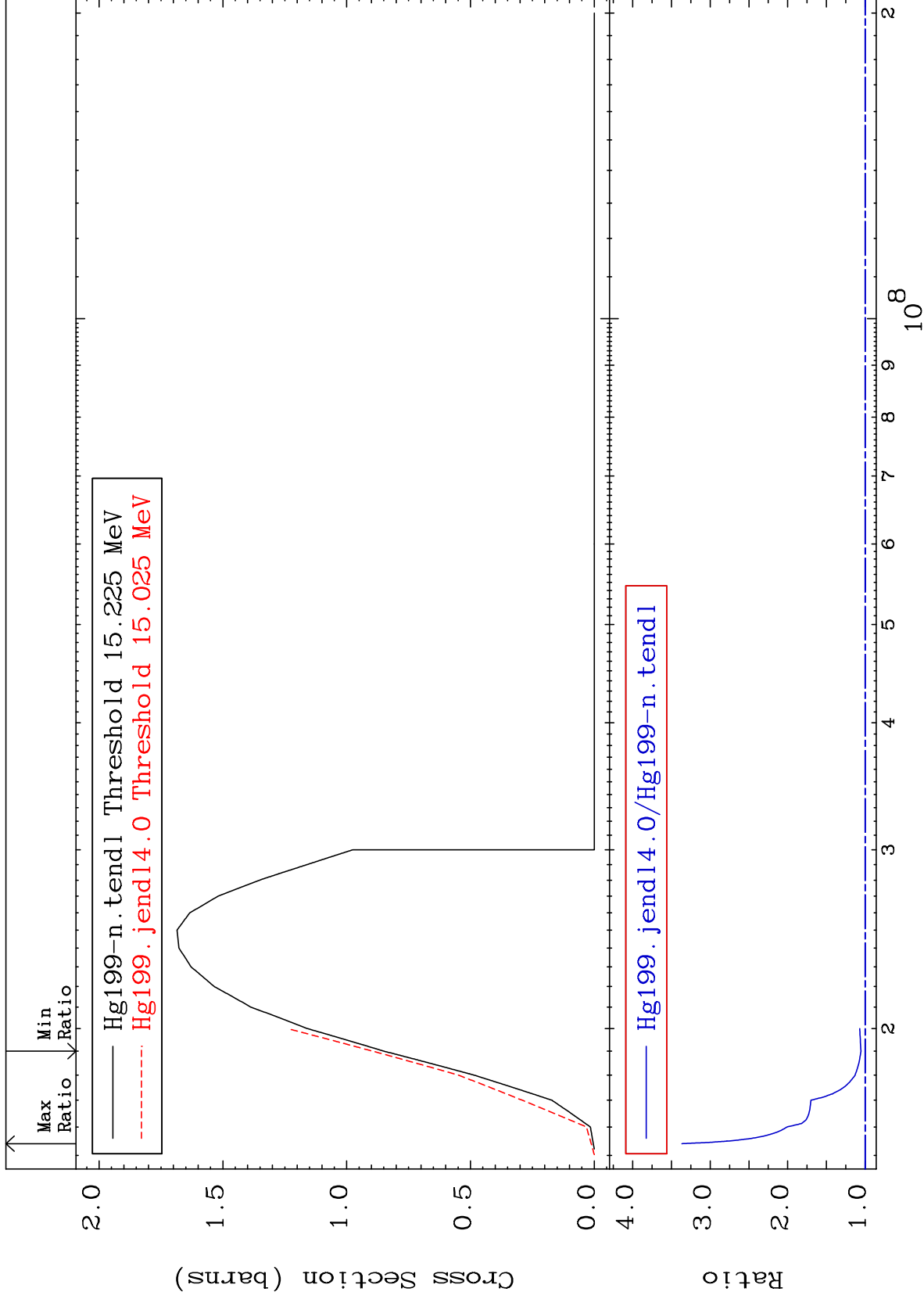
(n,3n)

80-Hg-199

Cross Section

5.381

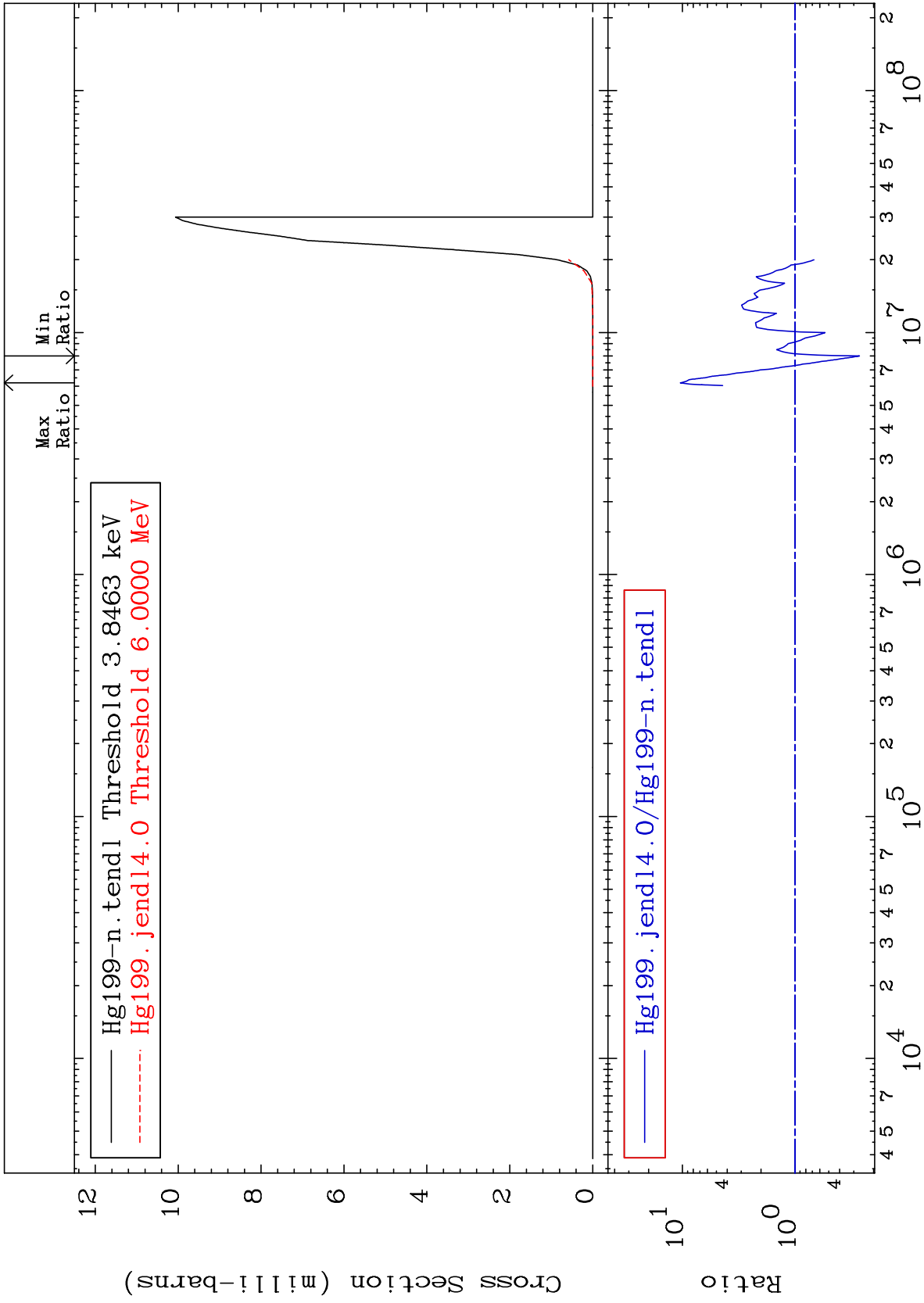
To 236.4 %



MAT 8034

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

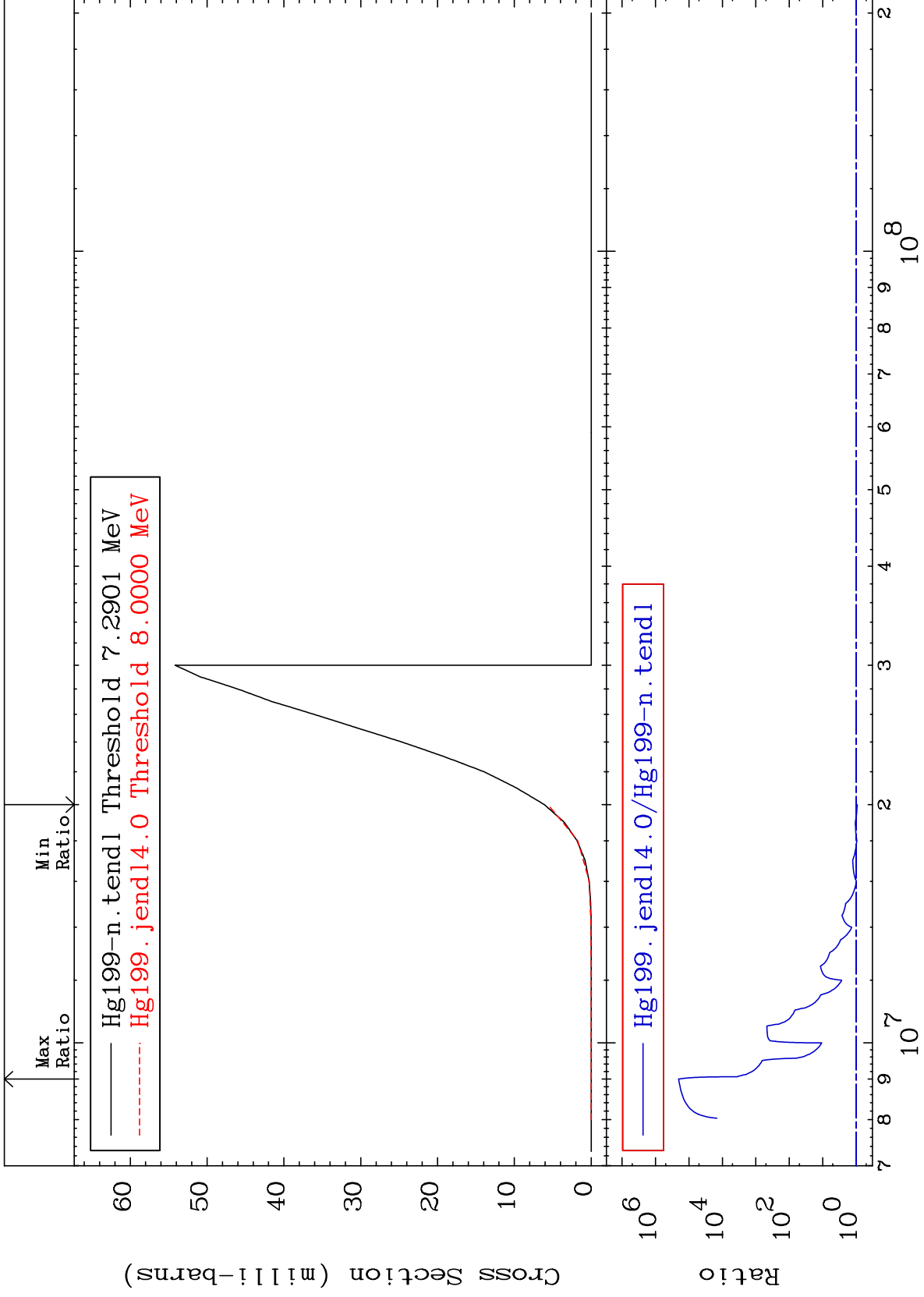
80-Hg-199
-73.28 To 943.1 %



MAT 8034

(n,n') p
Cross Section

80-Hg-199
-7.377 To 9999. %



7

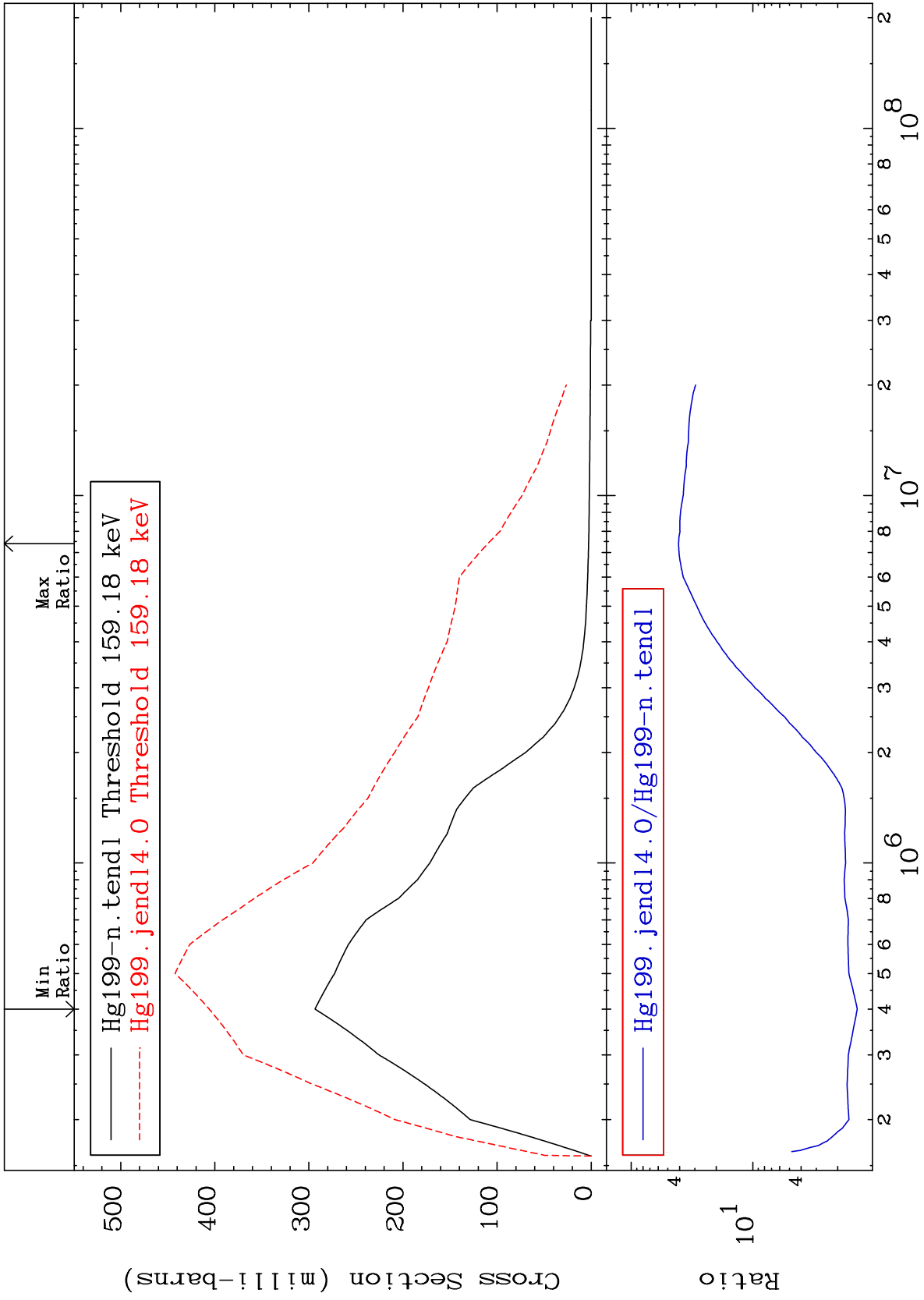
Incident Energy (eV)

80-Hg-199

MAT 8034

158.4 keV (n,n') Level
Cross Section

80-Hg-199
38.30 To 3969. %

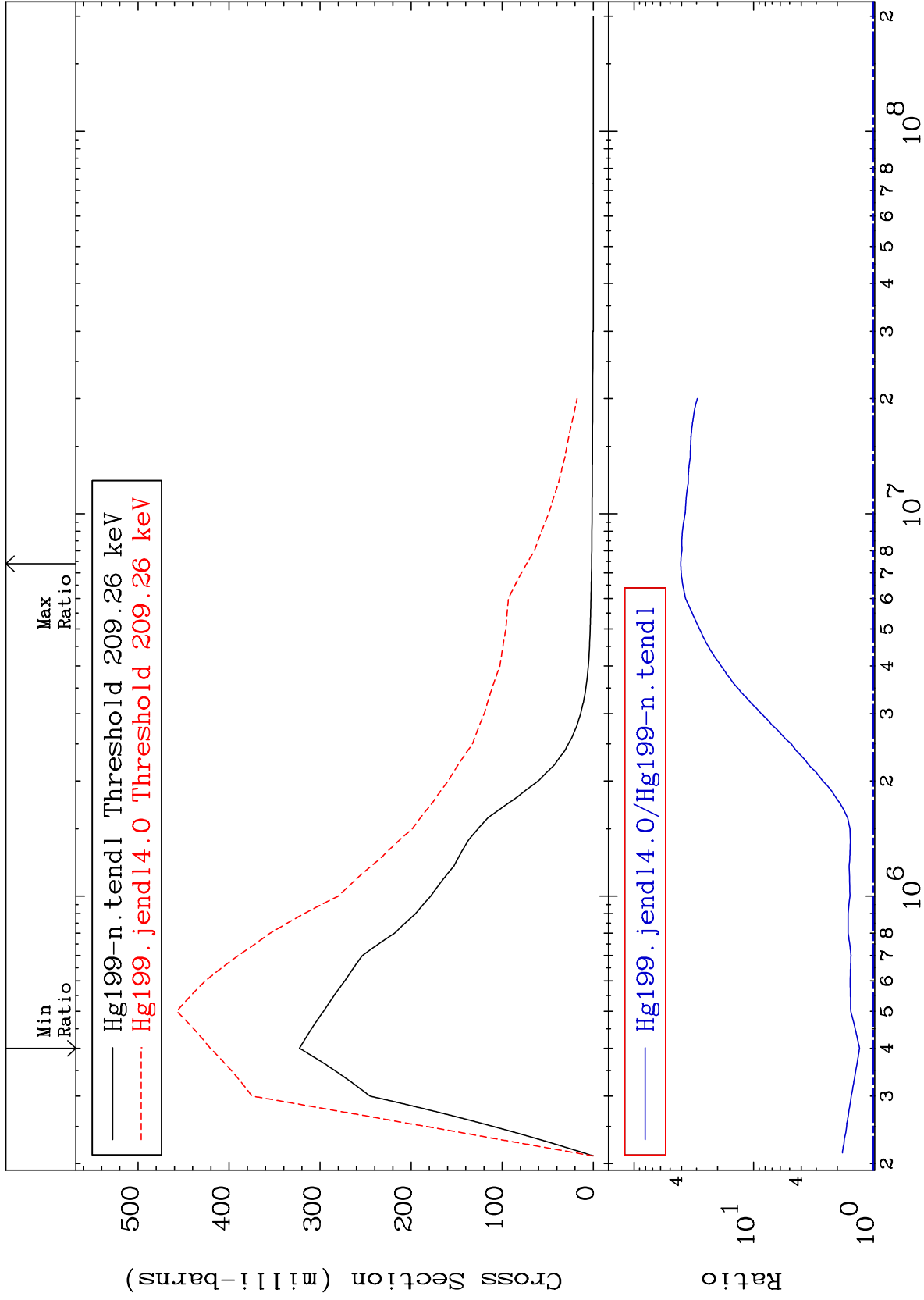


MAT 8034

208.2 keV (n,n') Level

80-Hg-199

Cross Section
30.33 To 3968. %



9

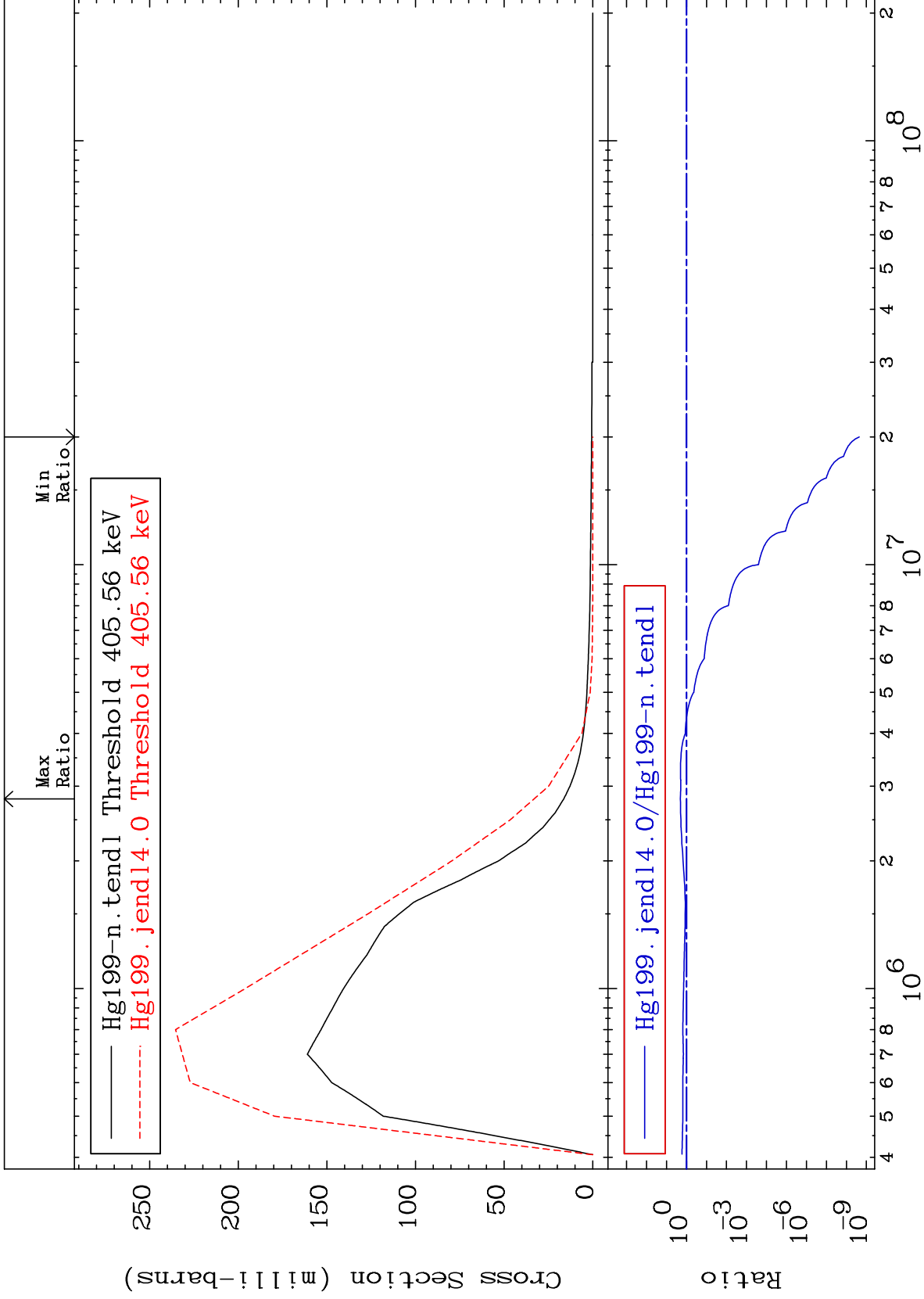
Incident Energy (eV)

80-Hg-199

MAT 8034

403.5 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 103.2 %



10

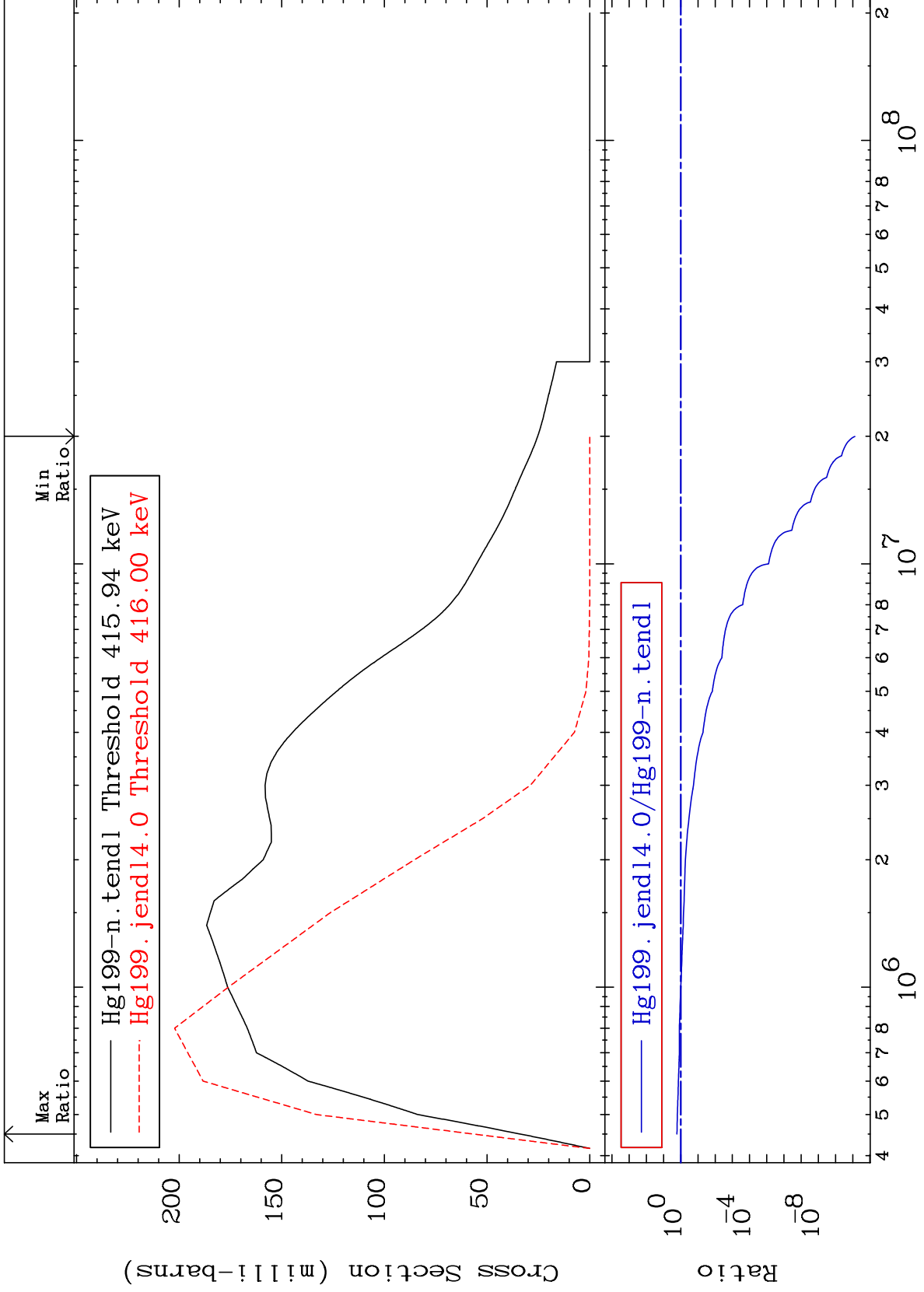
Incident Energy (eV)

80-Hg-199

MAT 8034

413.8 keV (n,n') Level
Cross Section

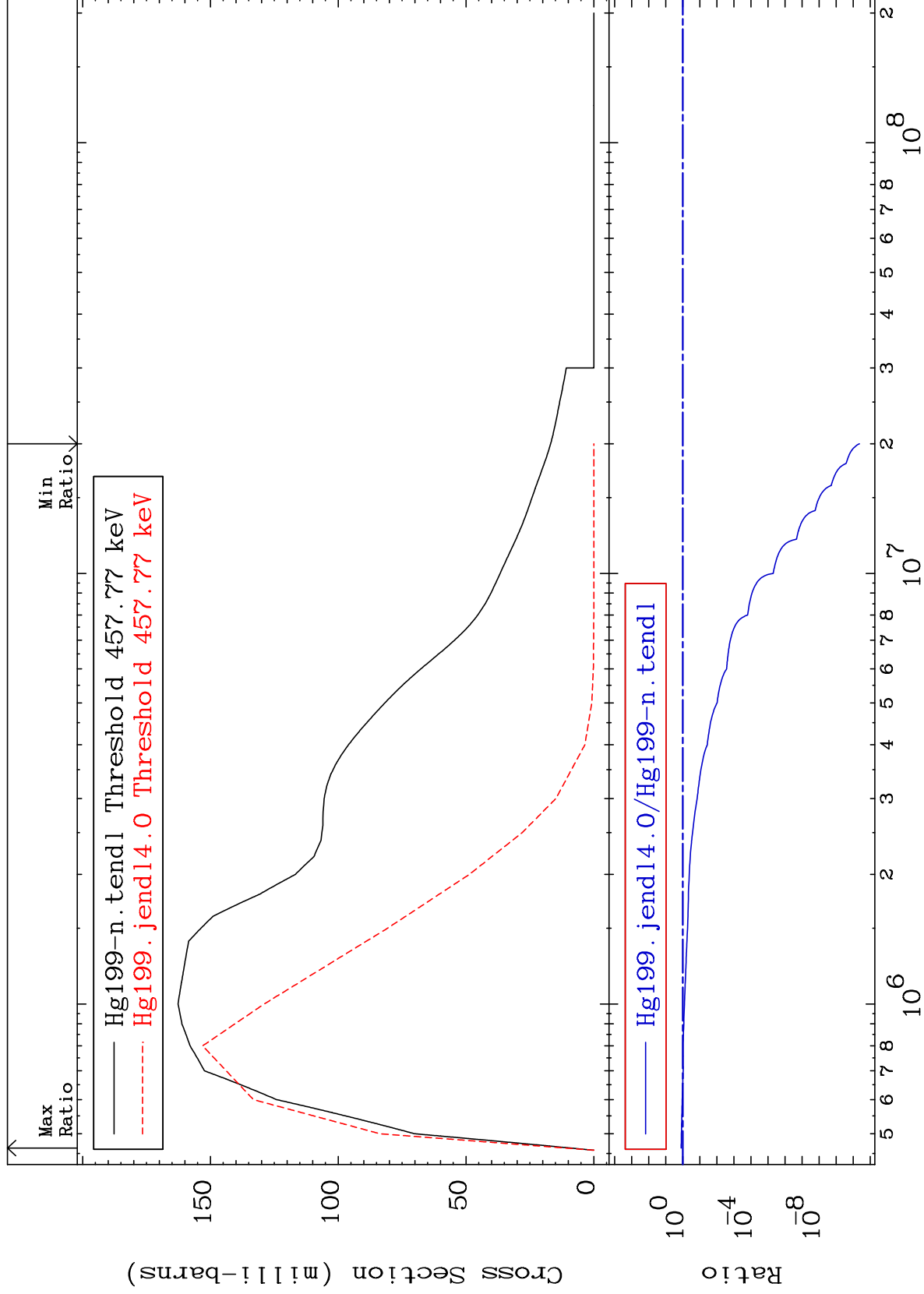
80-Hg-199
-100.0 To 67.59 %



MAT 8034

455.5 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 23.15 %



12

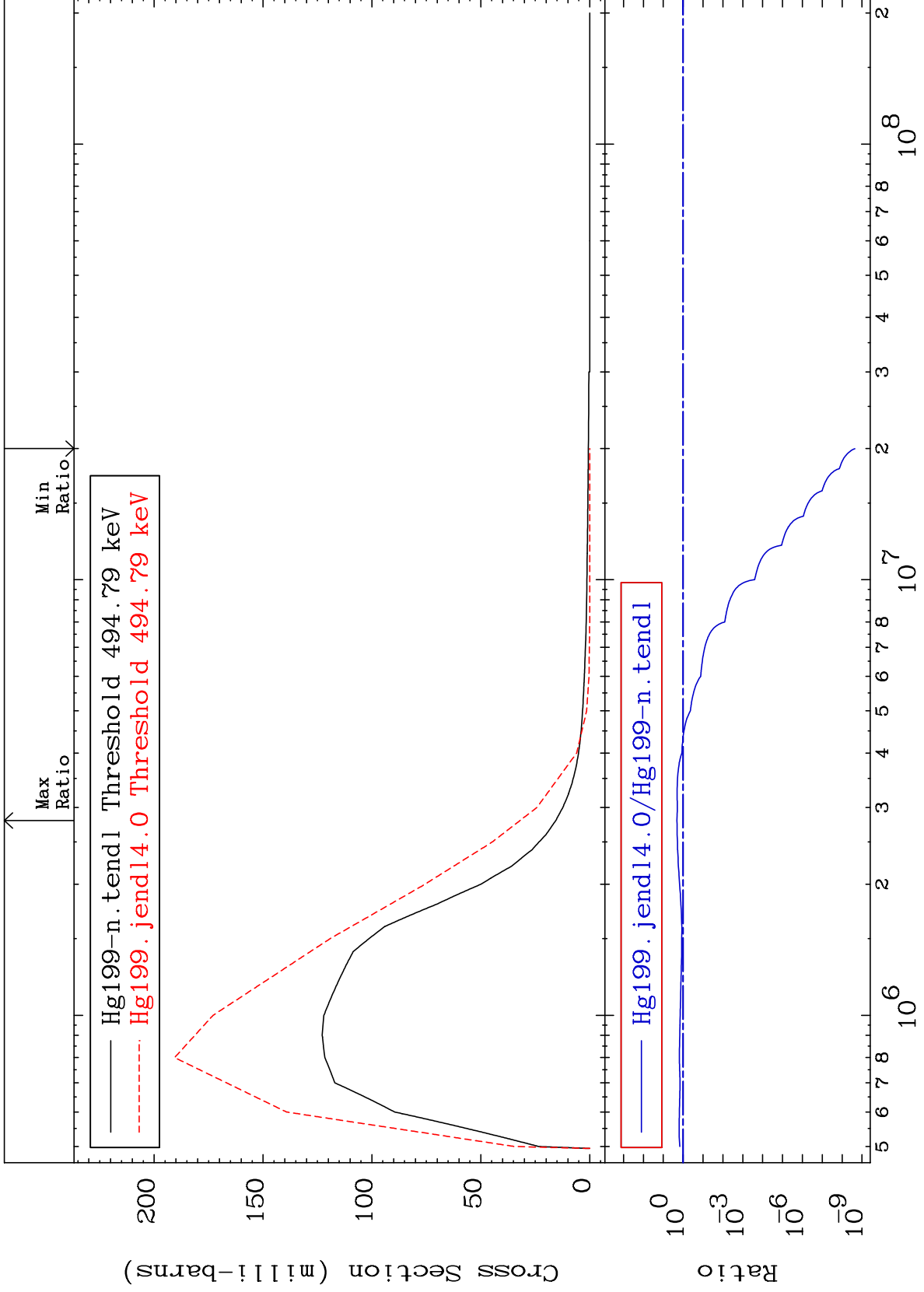
Incident Energy (eV)

80-Hg-199

MAT 8034

492.3 keV (n,n') Level
Cross Section

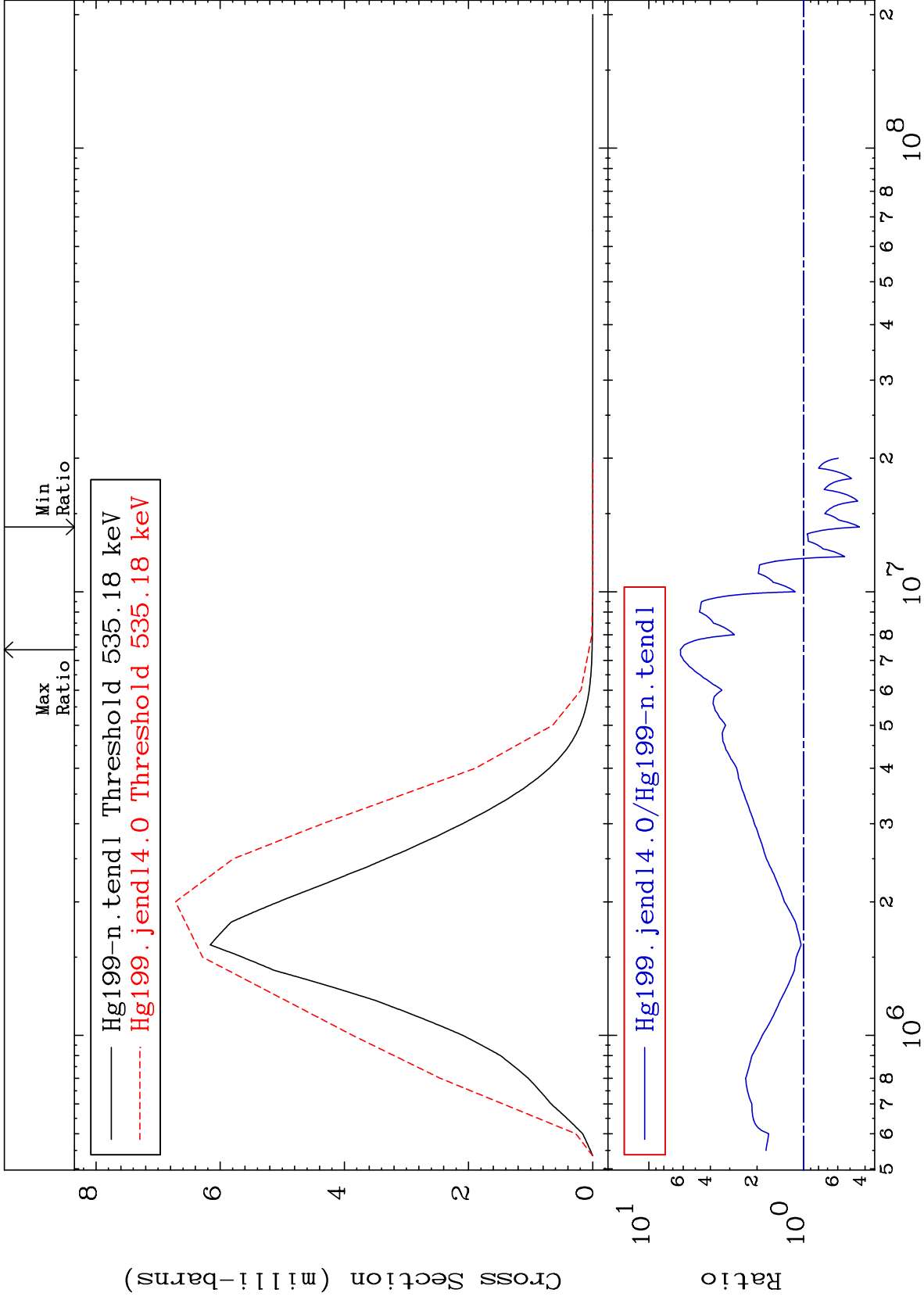
80-Hg-199
-100.0 To 105.5 %



MAT 8034

532.5 keV (n,n') Level
Cross Section

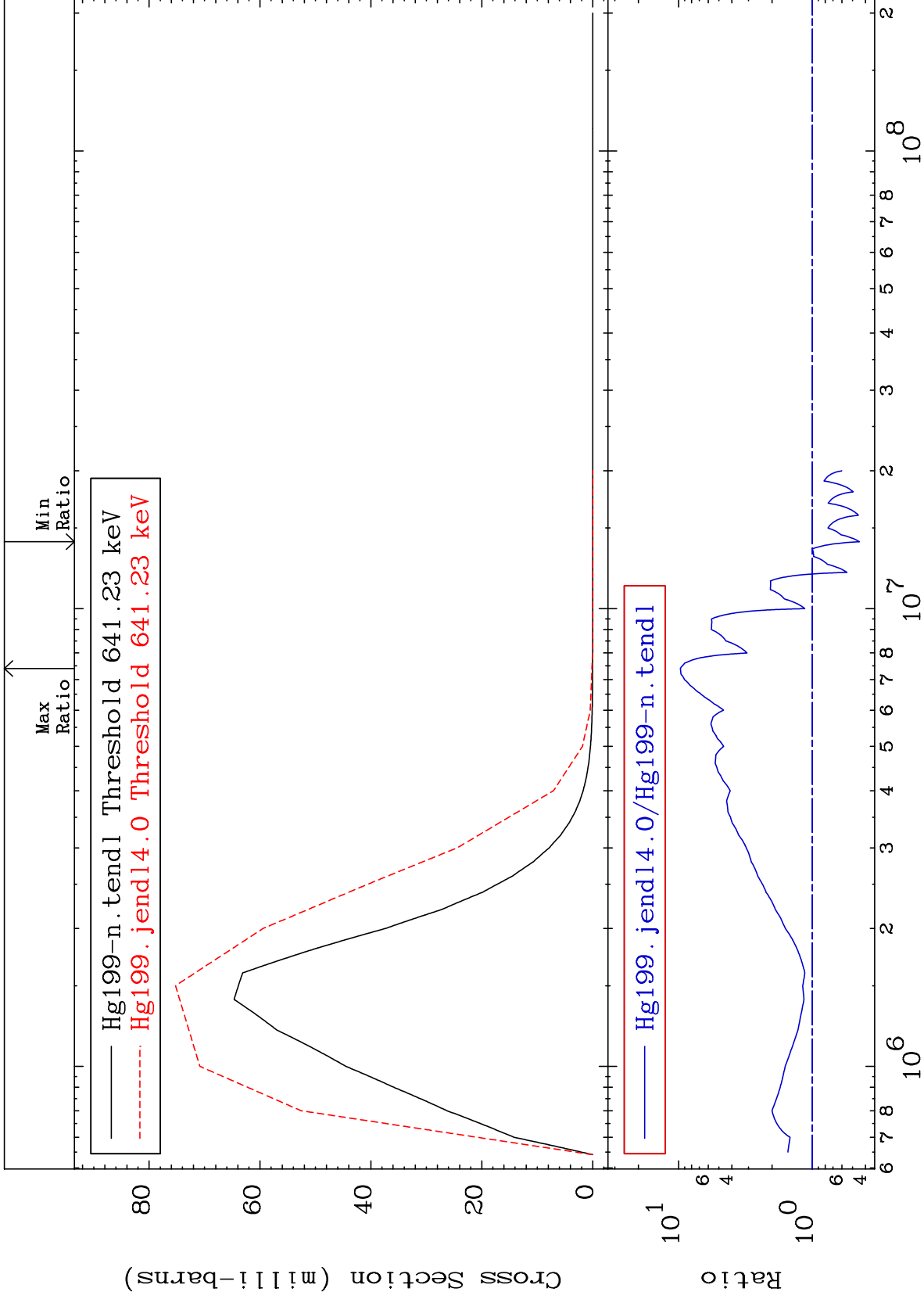
80-Hg-199
-56.53 To 525.7 %



MAT 8034

638.0 keV (n,n') Level
Cross Section

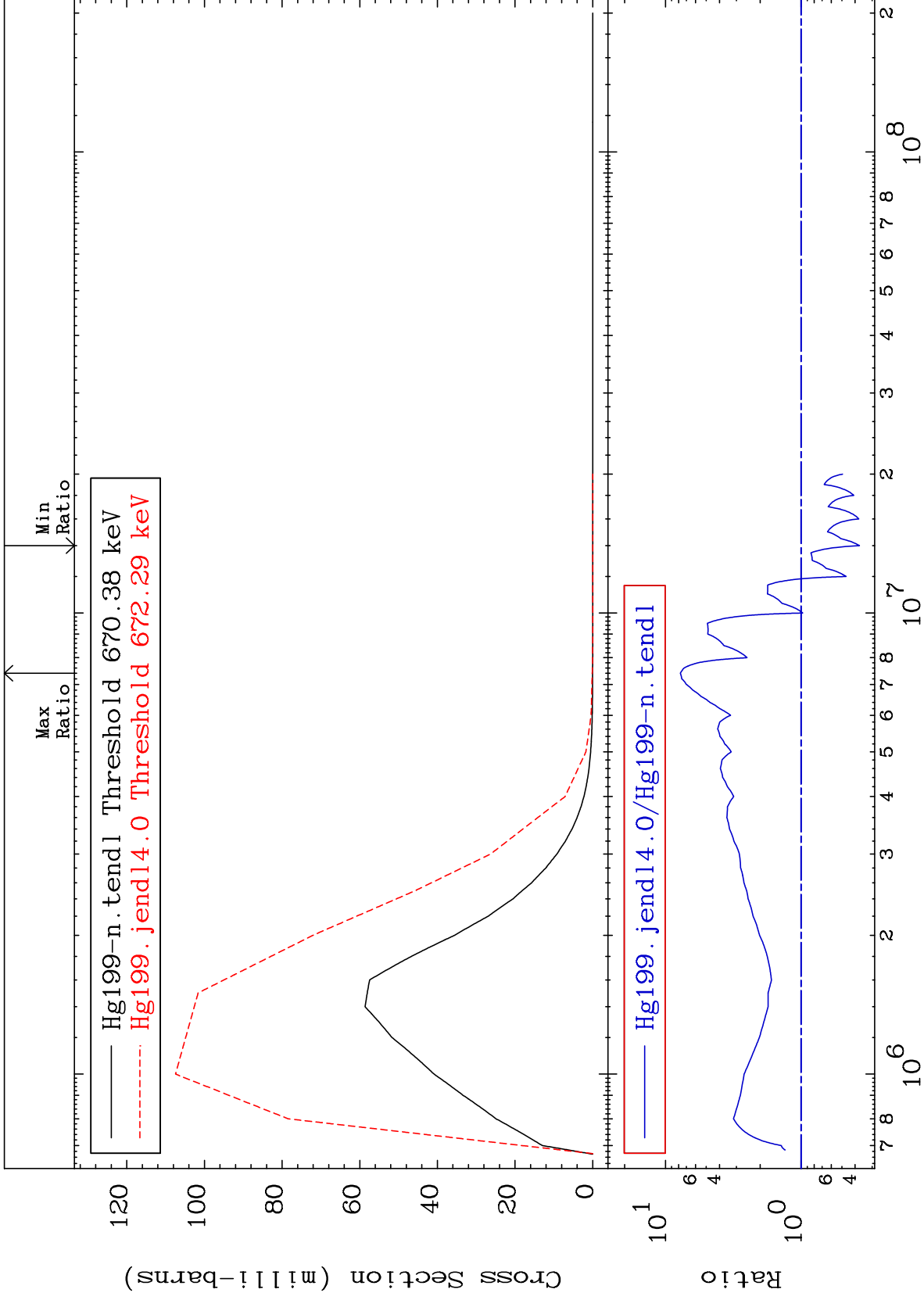
80-Hg-199
-55.64 To 869.4 %



MAT 8034

667.0 keV (n,n') Level
Cross Section

80-Hg-199
-62.84 To 676.1 %



16

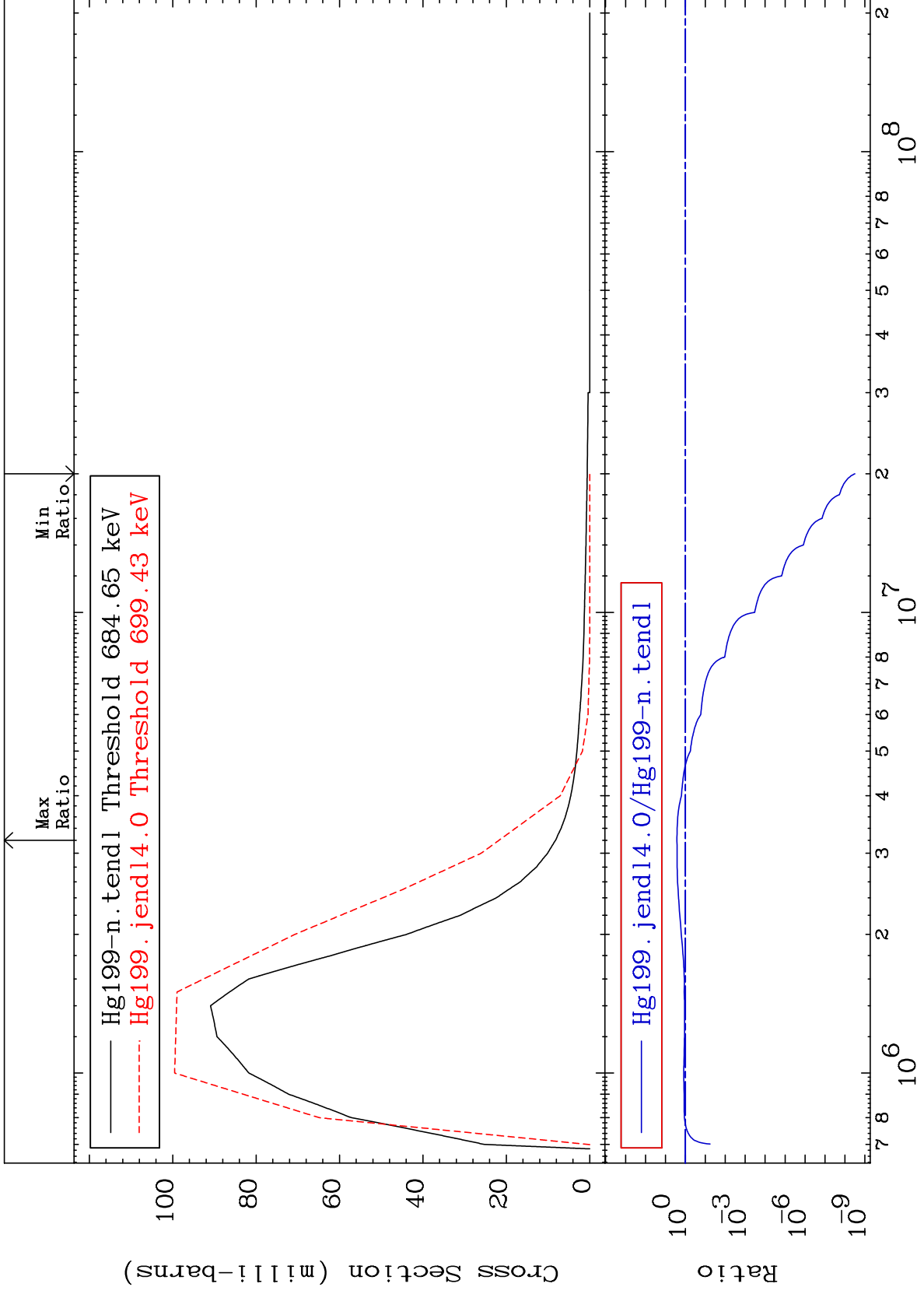
Incident Energy (eV)

80-Hg-199

MAT 8034

681.2 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 165.4 %



17

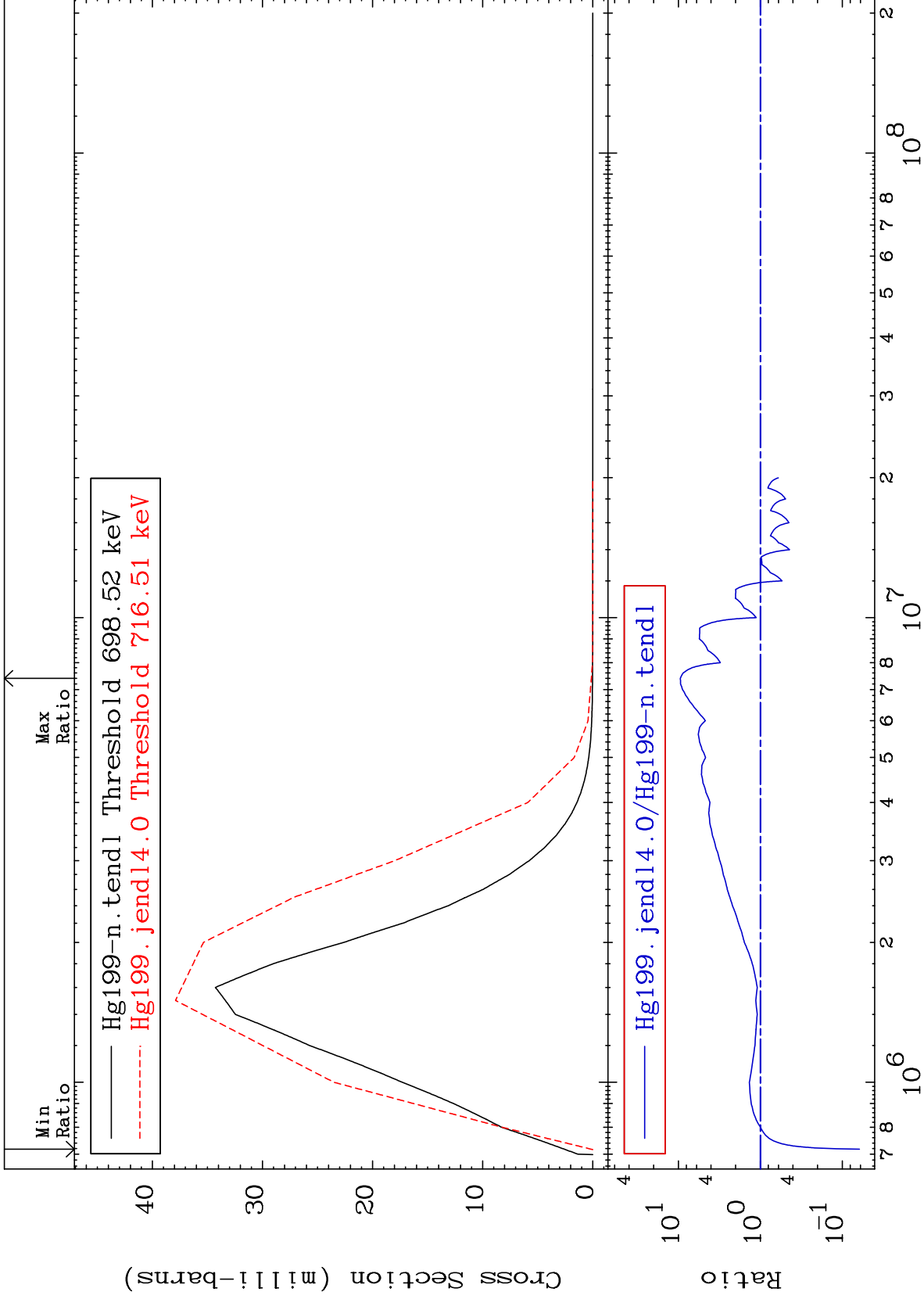
Incident Energy (eV)

80-Hg-199

MAT 8034

695.0 keV (n,n') Level
Cross Section

80-Hg-199
-93.83 To 846.0 %



18

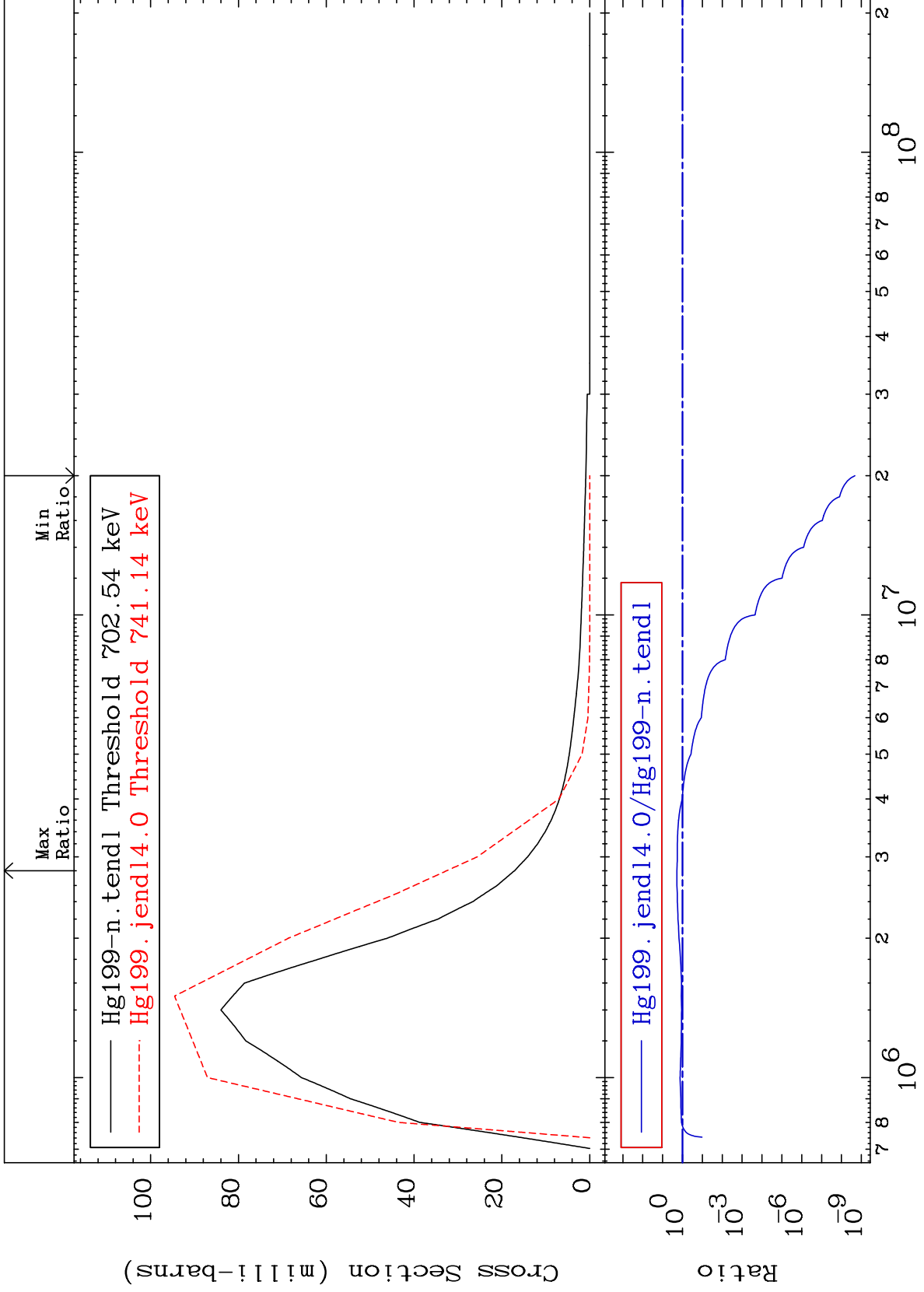
Incident Energy (eV)

80-Hg-199

MAT 8034

699.0 keV (n,n') Level
Cross Section

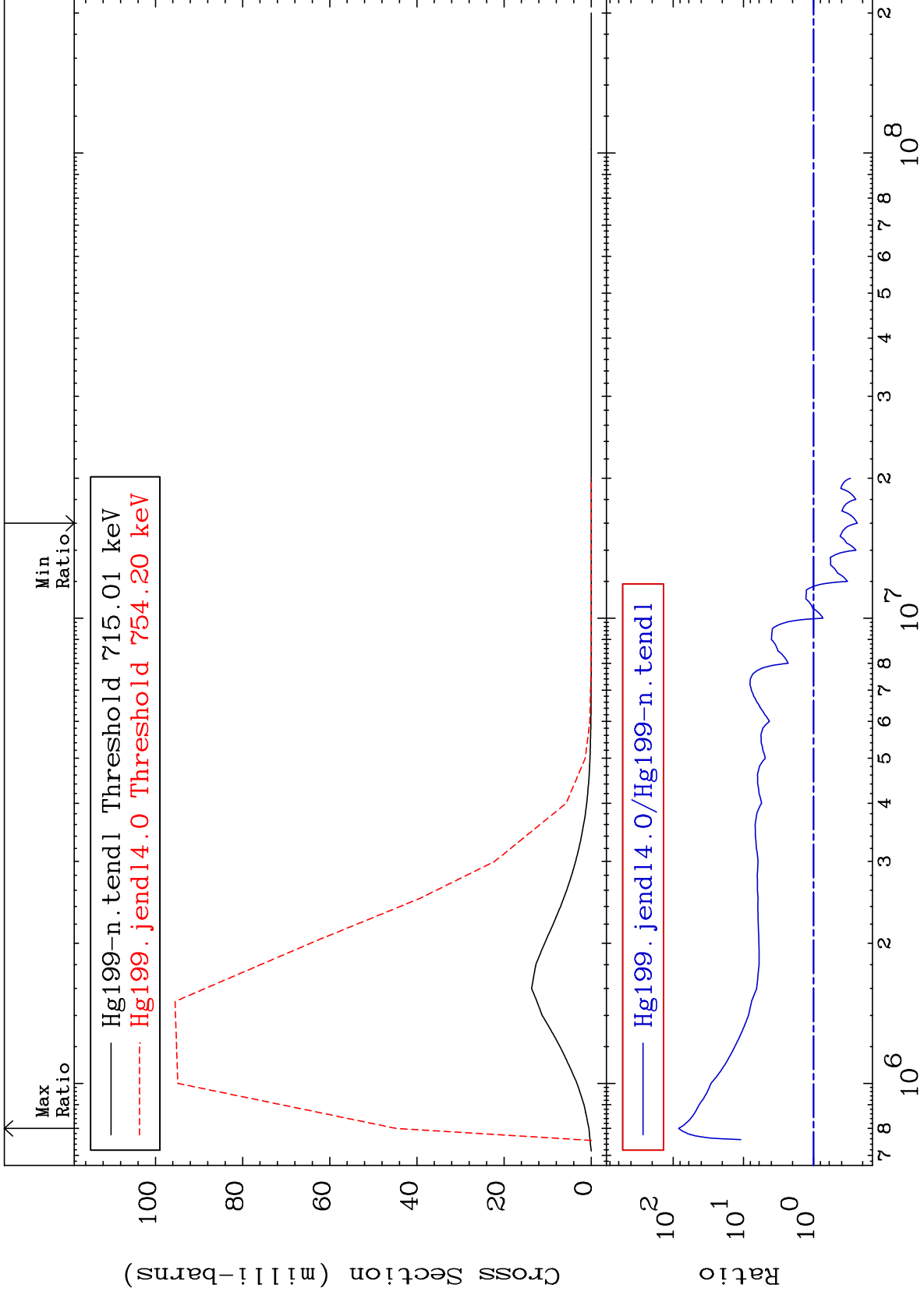
80-Hg-199
-100.0 To 90.40 %



MAT 8034

711.4 keV (n,n') Level
Cross Section

80-Hg-199
-76.08 To 8280. %



20

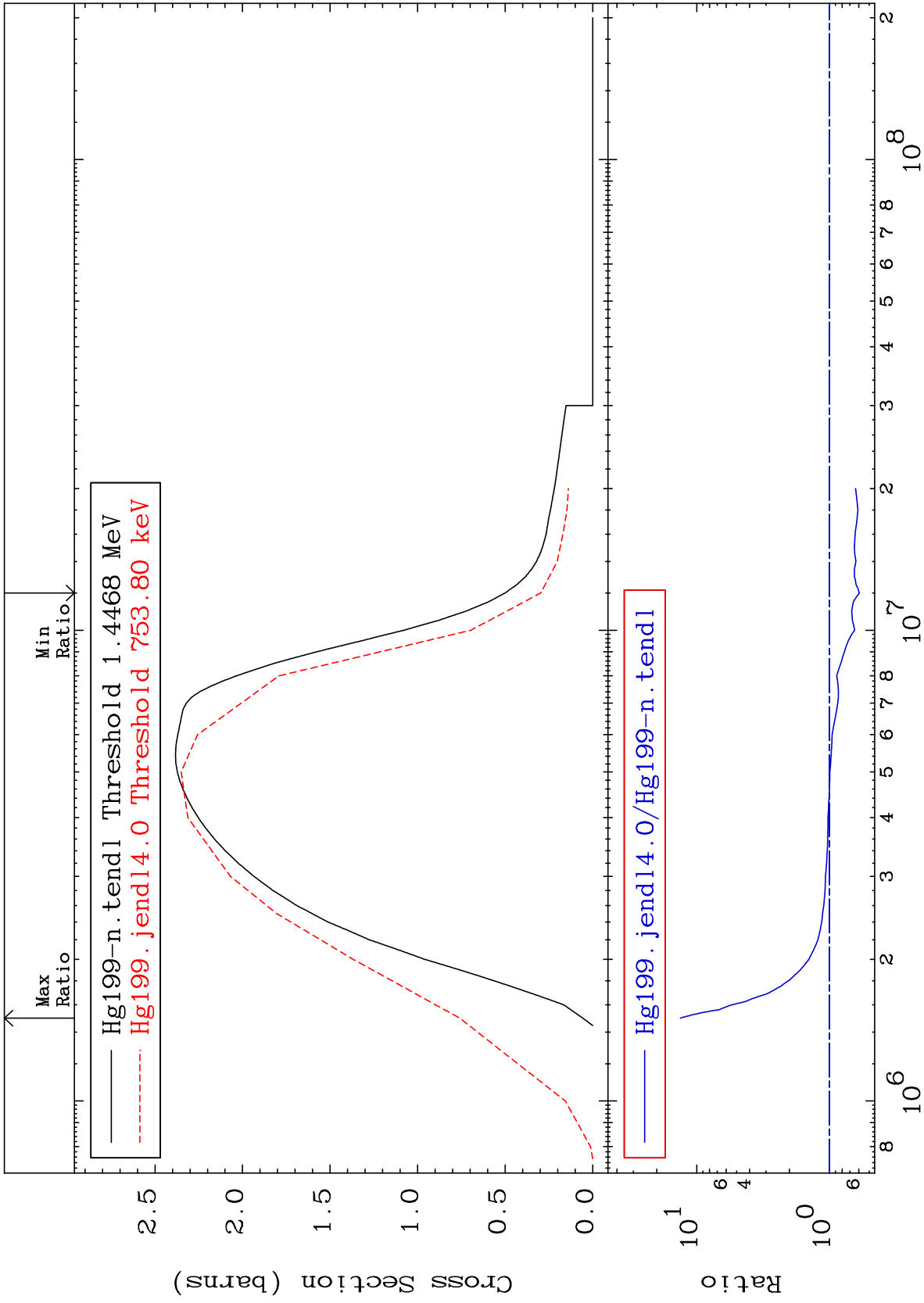
Incident Energy (eV)

80-Hg-199

MAT 8034

(n, n') Continuum
Cross Section

80-Hg-199
-40.70 To 1229. %



21

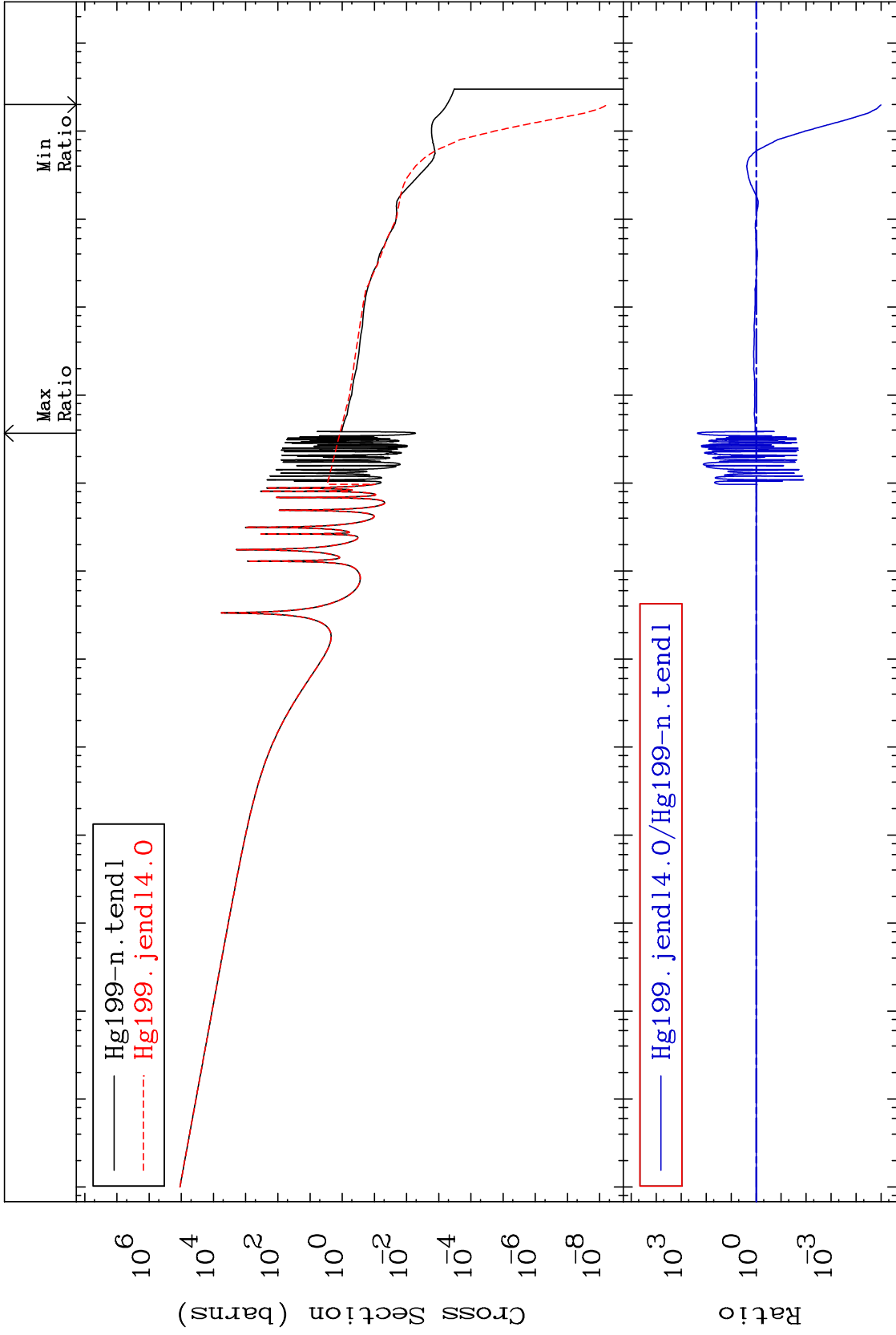
Incident Energy (eV)

80-Hg-199

MAT 8034

(n, γ)
Cross Section

80-Hg-199
-100.0 To 9999. %

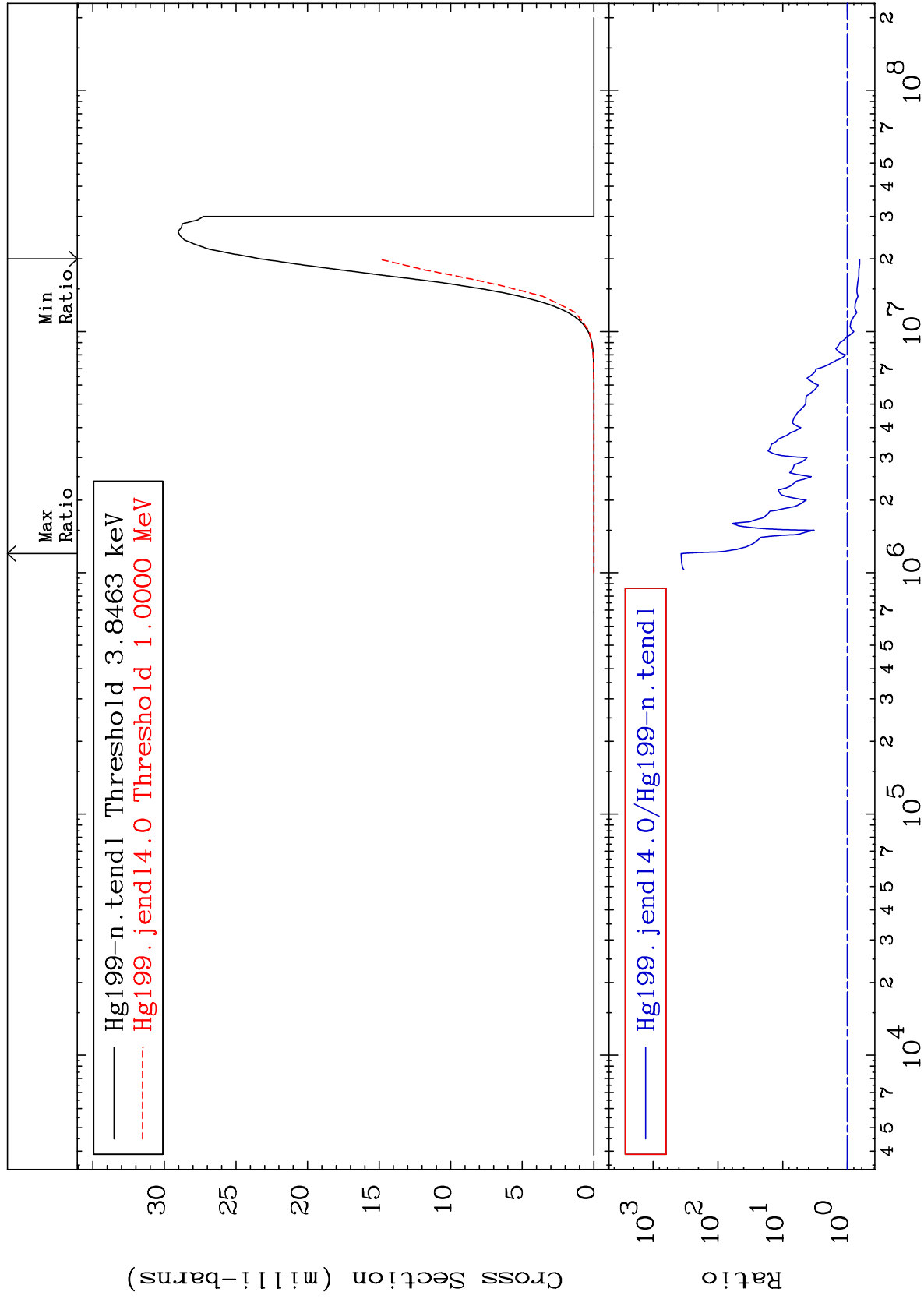


MAT 8034

(n, p)
Cross Section

80-Hg-199

-35.19 To 9999. %



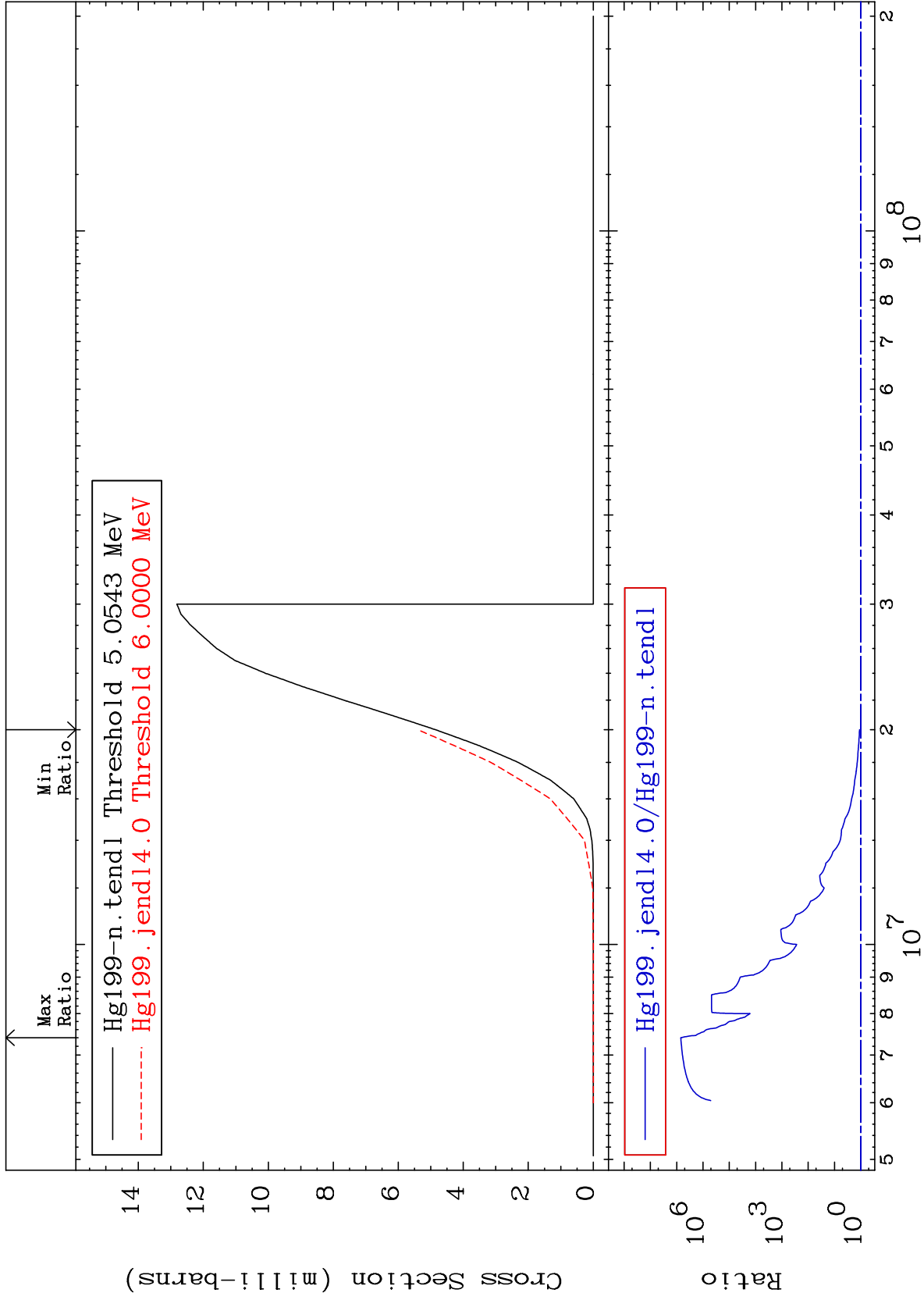
MAT 8034

(n, d)

80-Hg-199

Cross Section

11.22 To 9999. %



24

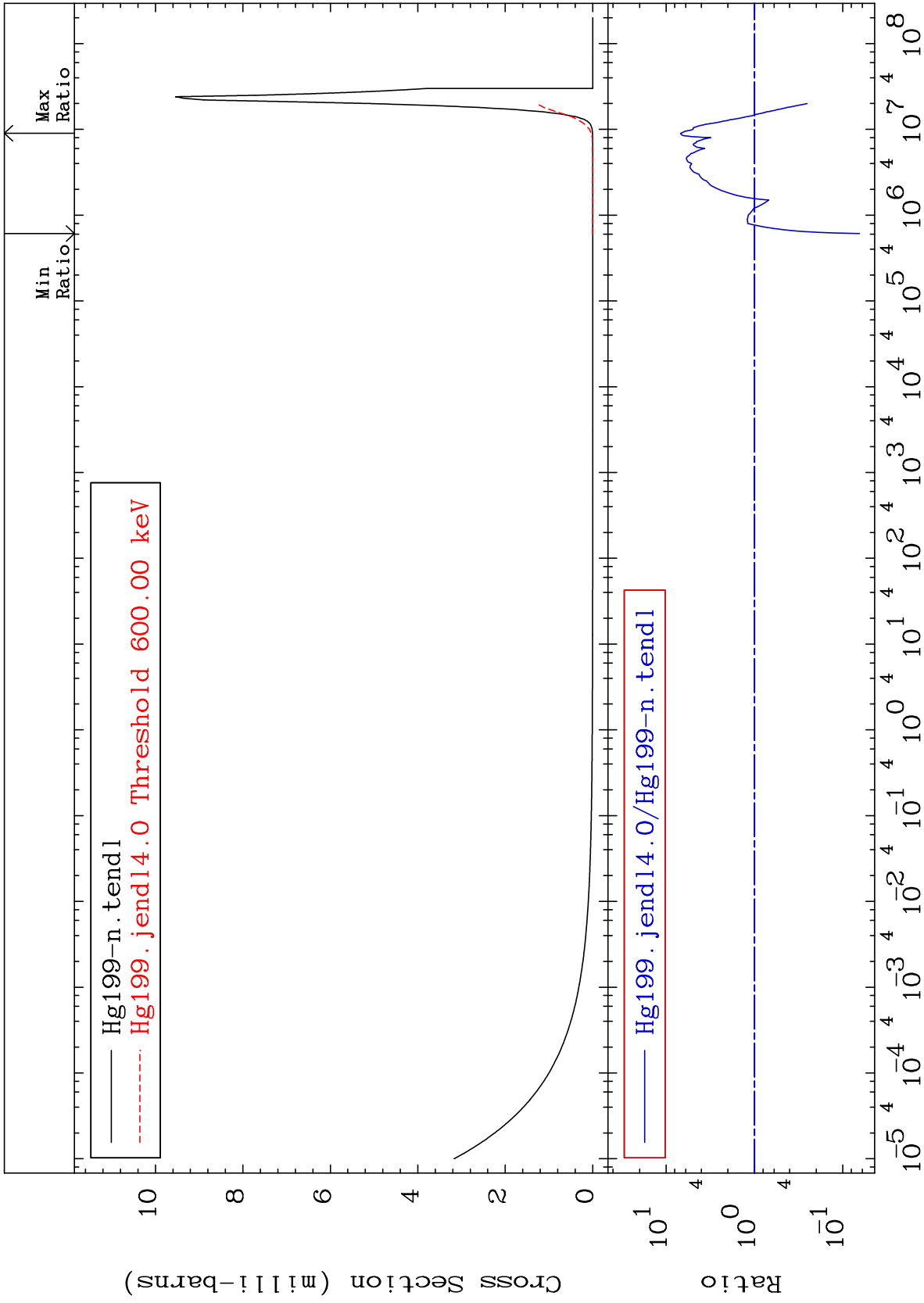
Incident Energy (eV)

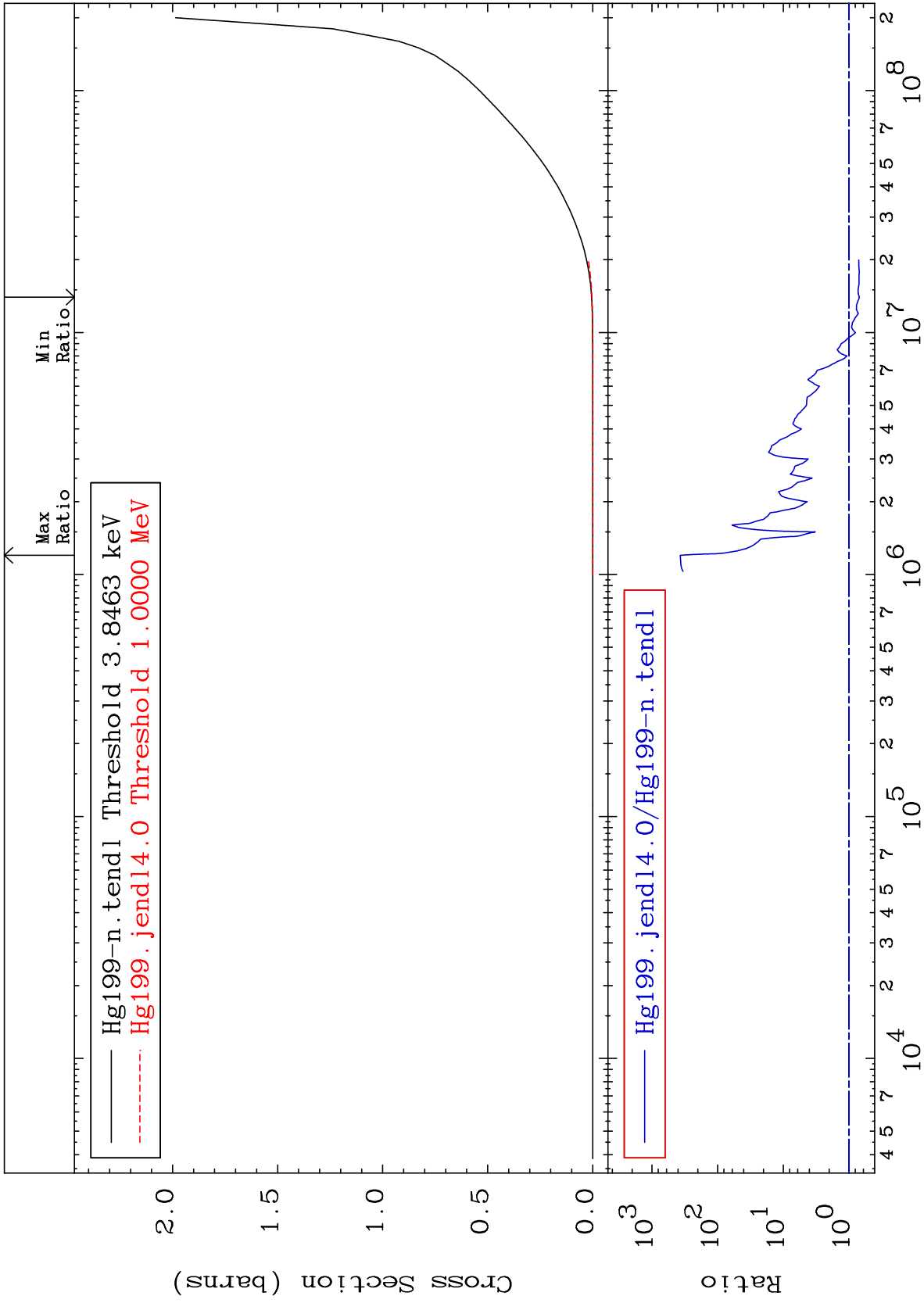
80-Hg-199

MAT 8034

(n, α)
Cross Section

80-Hg-199
-93.52 To 590.3 %

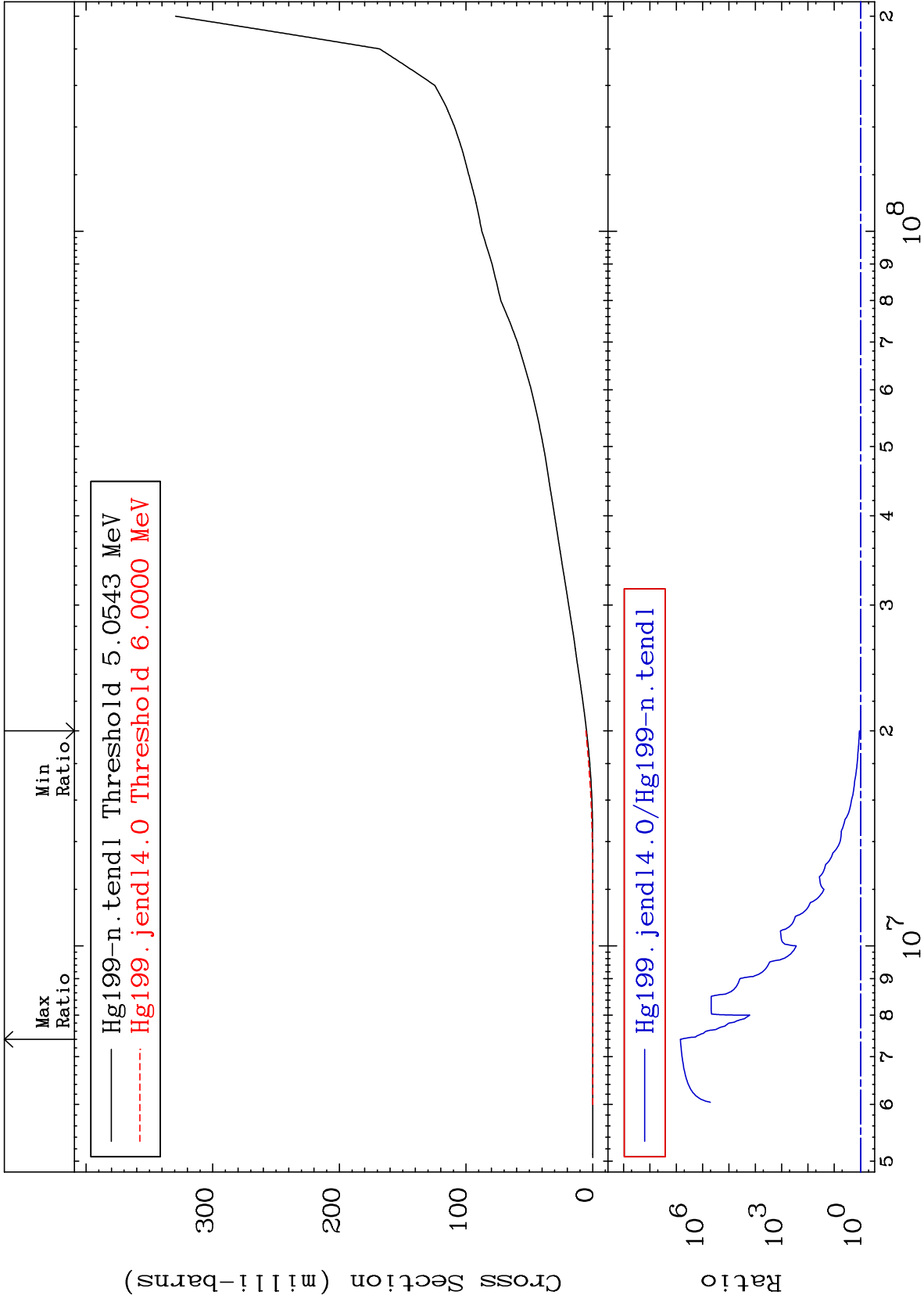




MAT 8034

Deuterium Production
Cross Section

80-Hg-199
11.07 To 9999. %



27

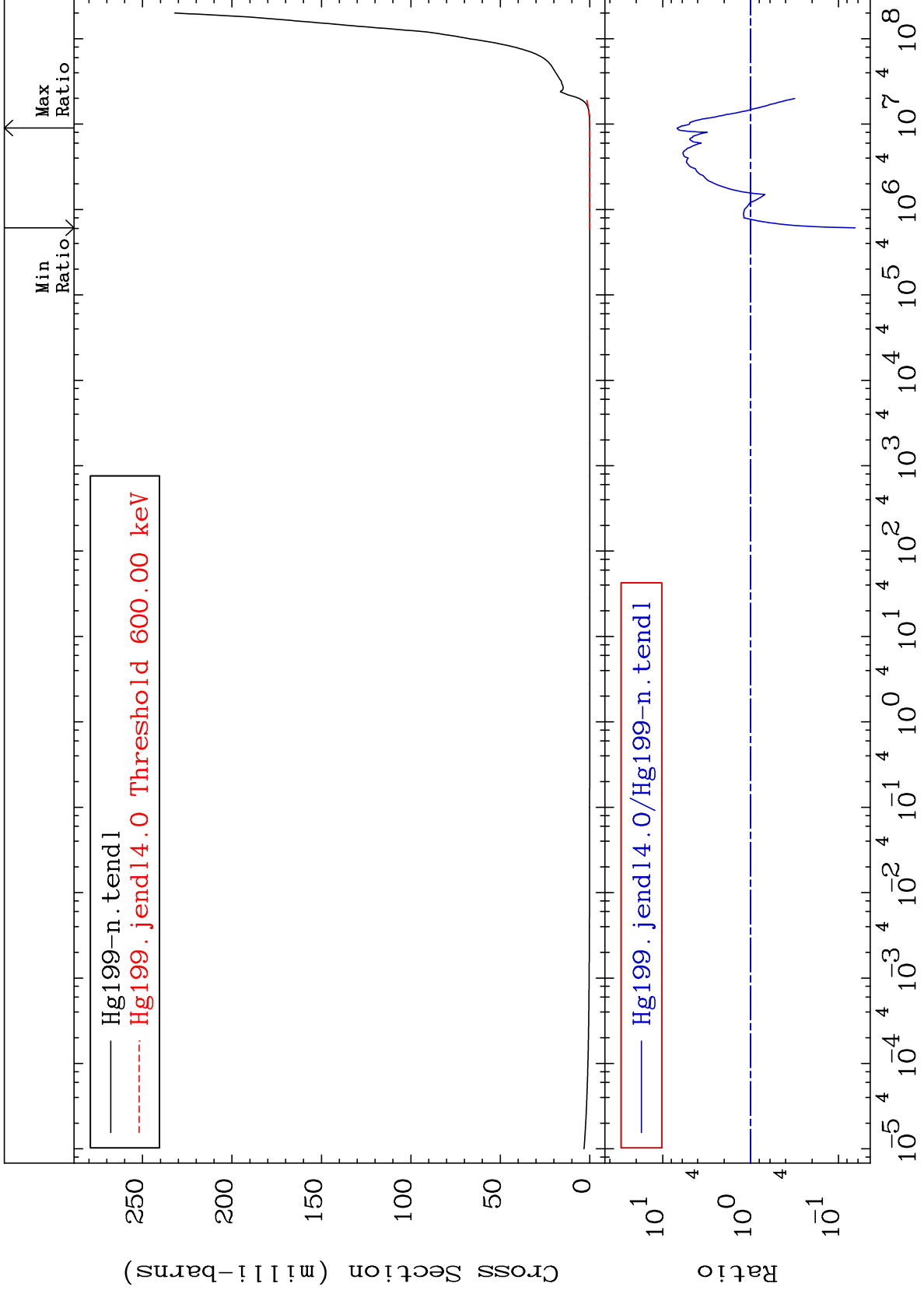
Incident Energy (eV)

80-Hg-199

MAT 8034

He-4 Production
Cross Section

80-Hg-199
-93.52 To 589.2 %



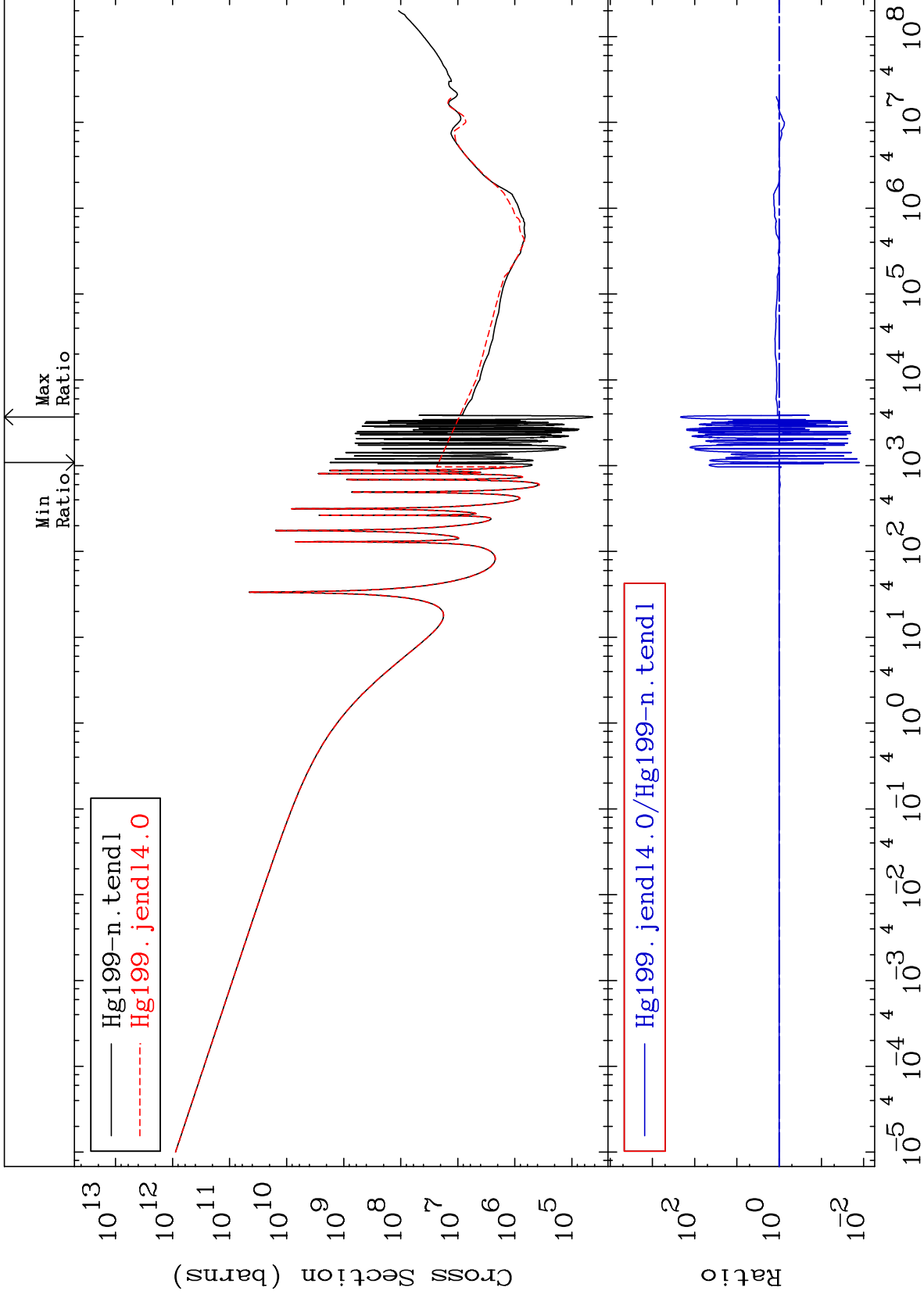
MAT 8034

Kerma total (eV-barns)

80-Hg-199

Cross Section

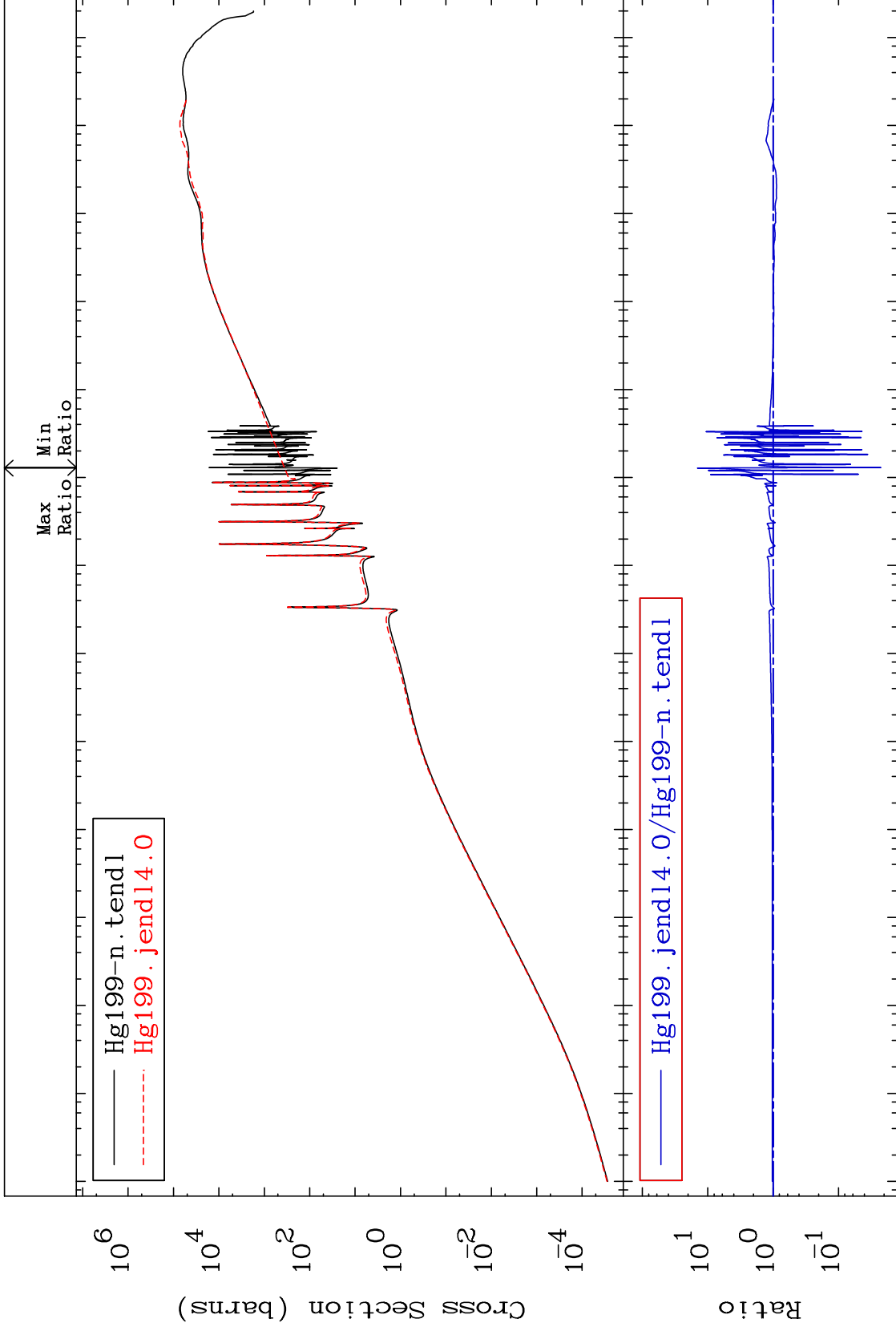
-98.74 To 9999. %

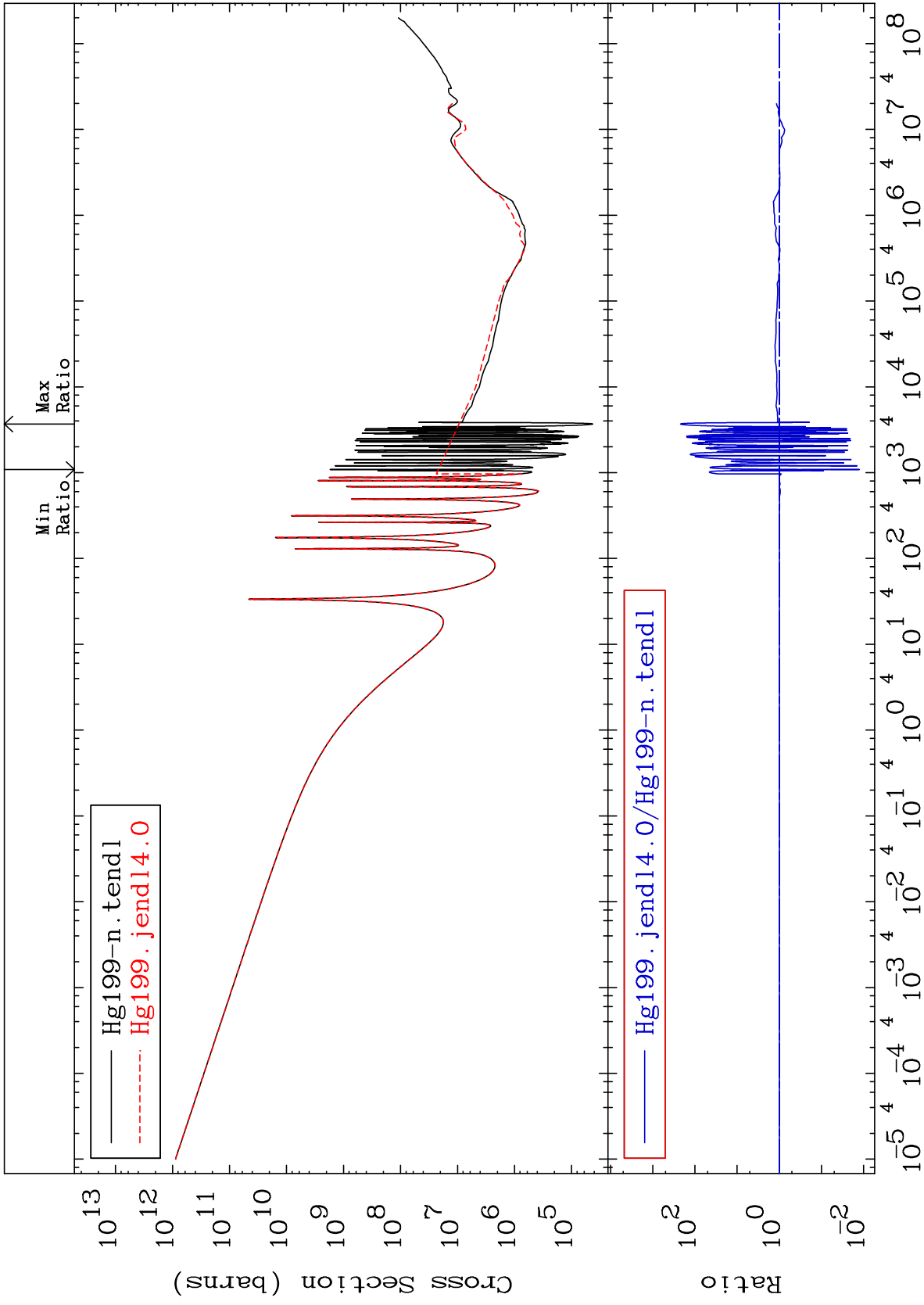


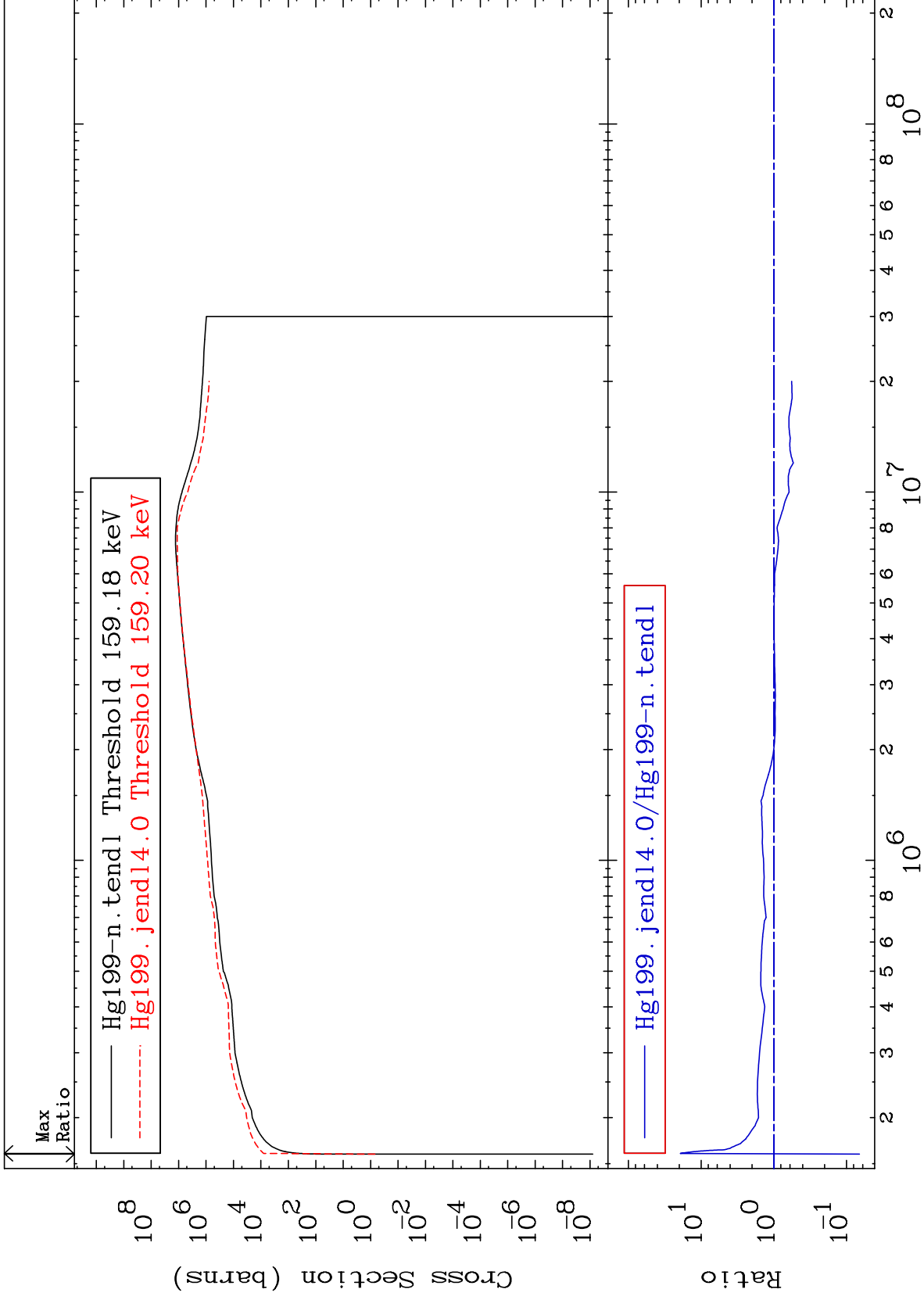
MAT 8034

Kerma elastic
Cross Section

80-Hg-199
-97.77 To 1334. %



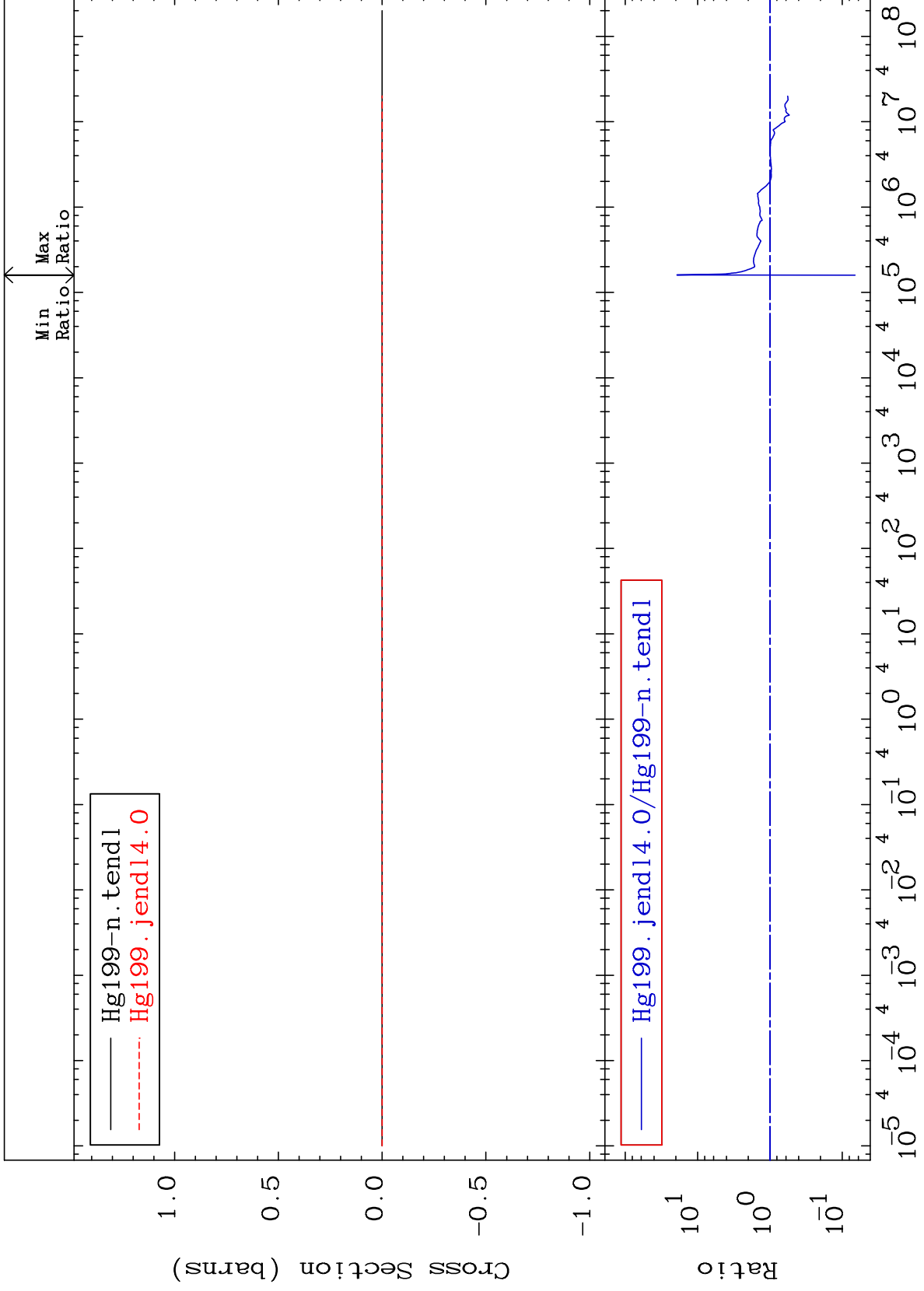




MAT 8034

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

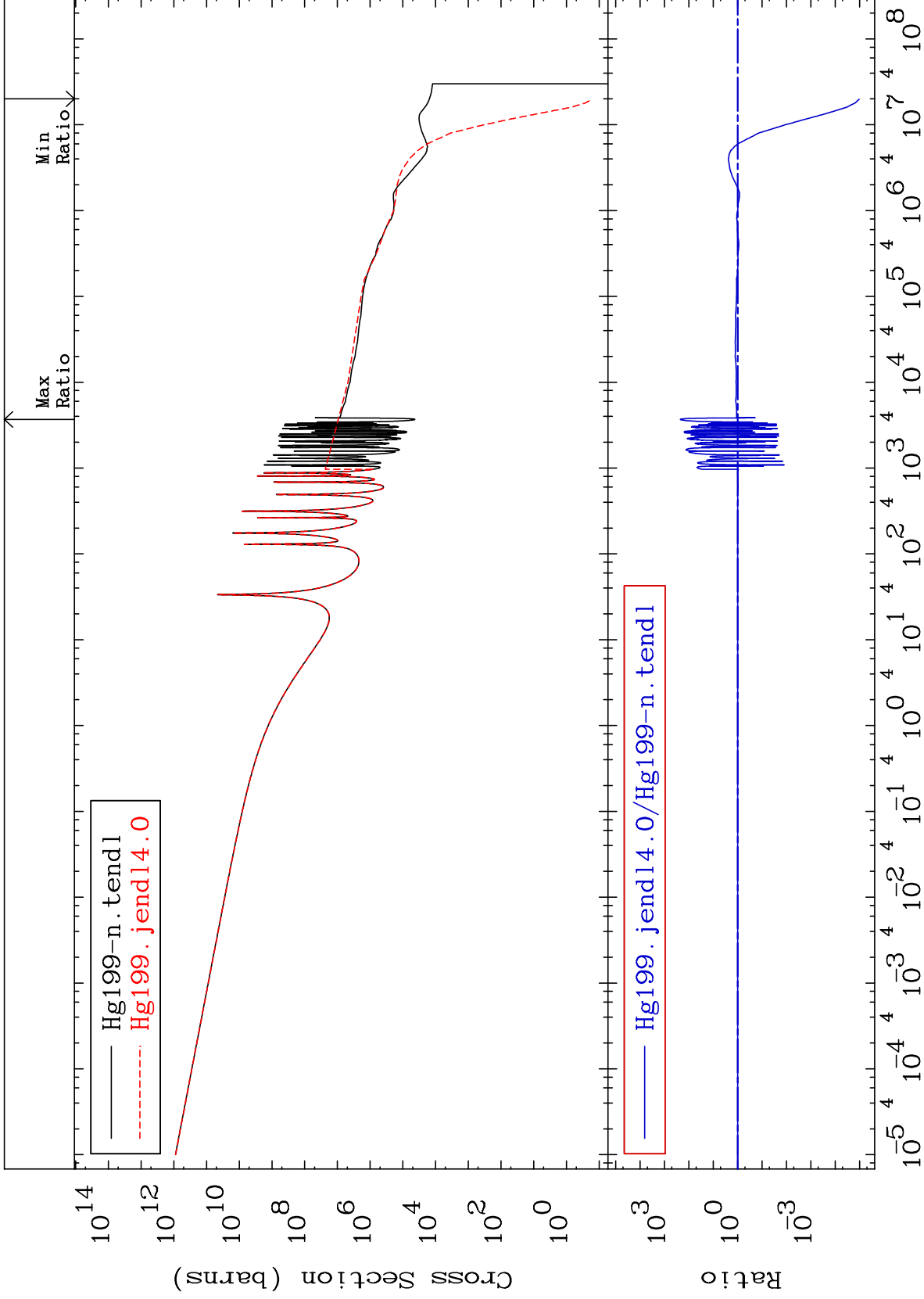
80-Hg-199
-93.34 To 1831. %



MAT 8034

Kerma capture (mt102)
Cross Section

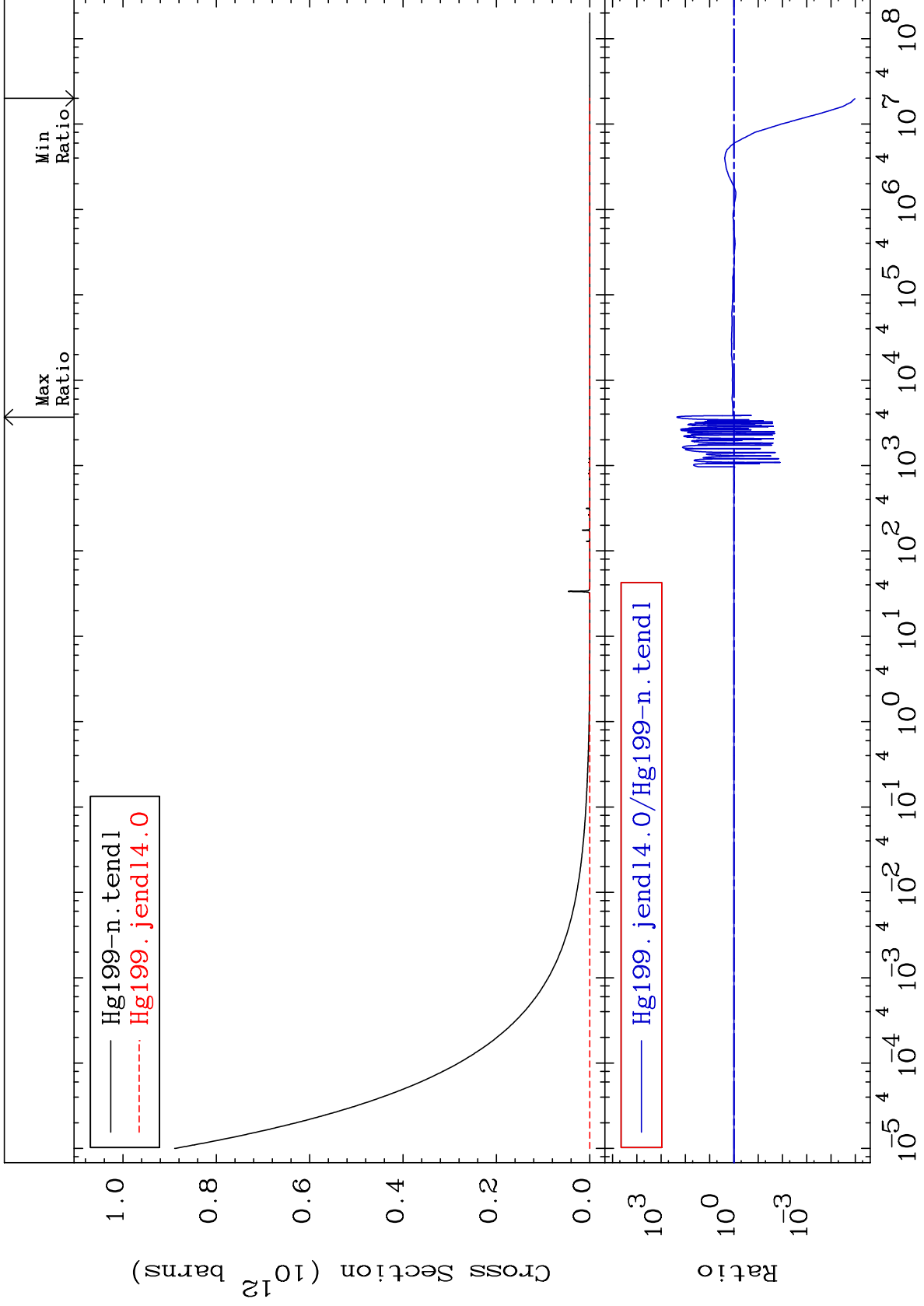
80-Hg-199
-100.0 To 9999. %

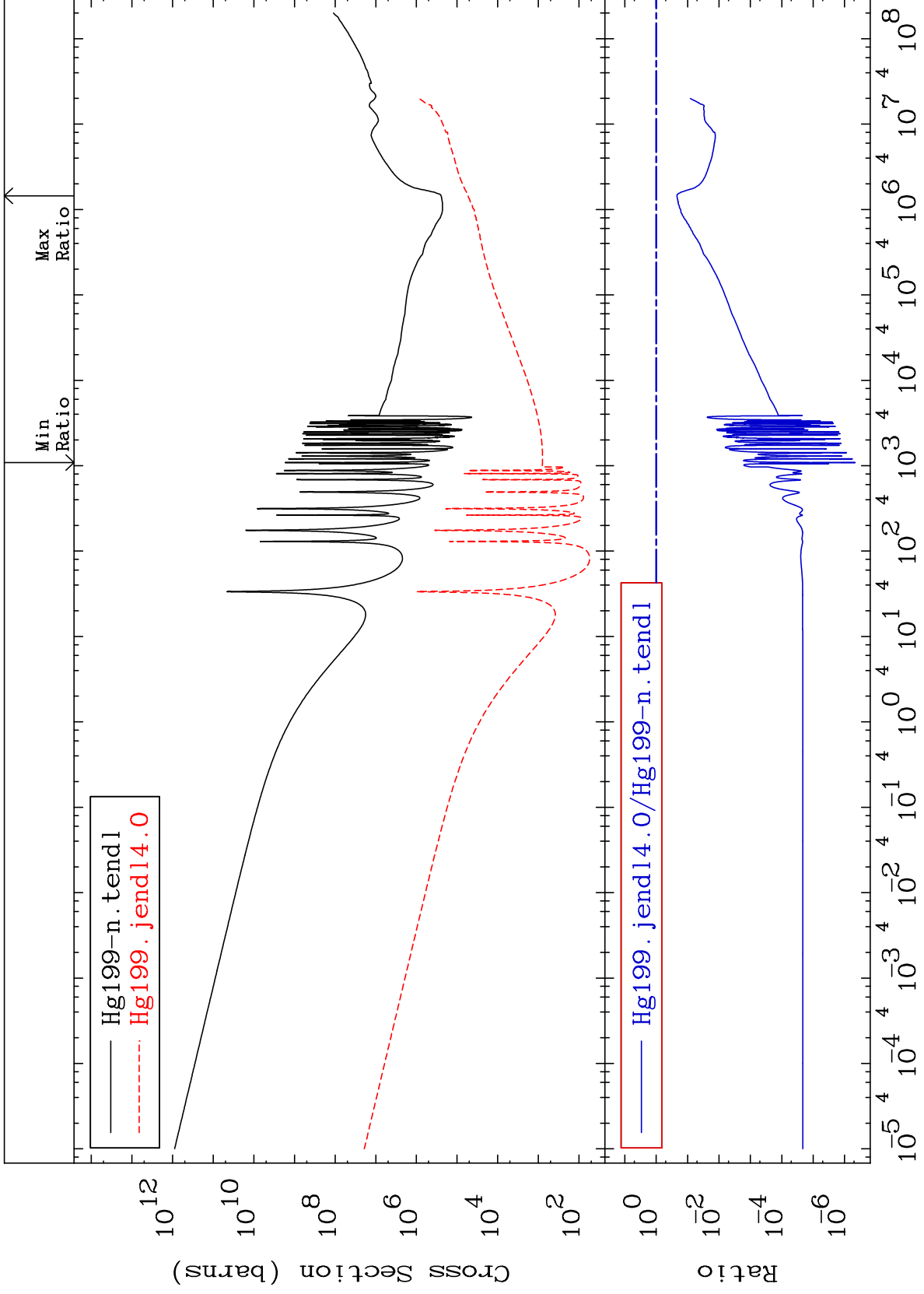


MAT 8034

Total photon (eV-barns)
Cross Section

80-Hg-199
-100.0 To 9999. %

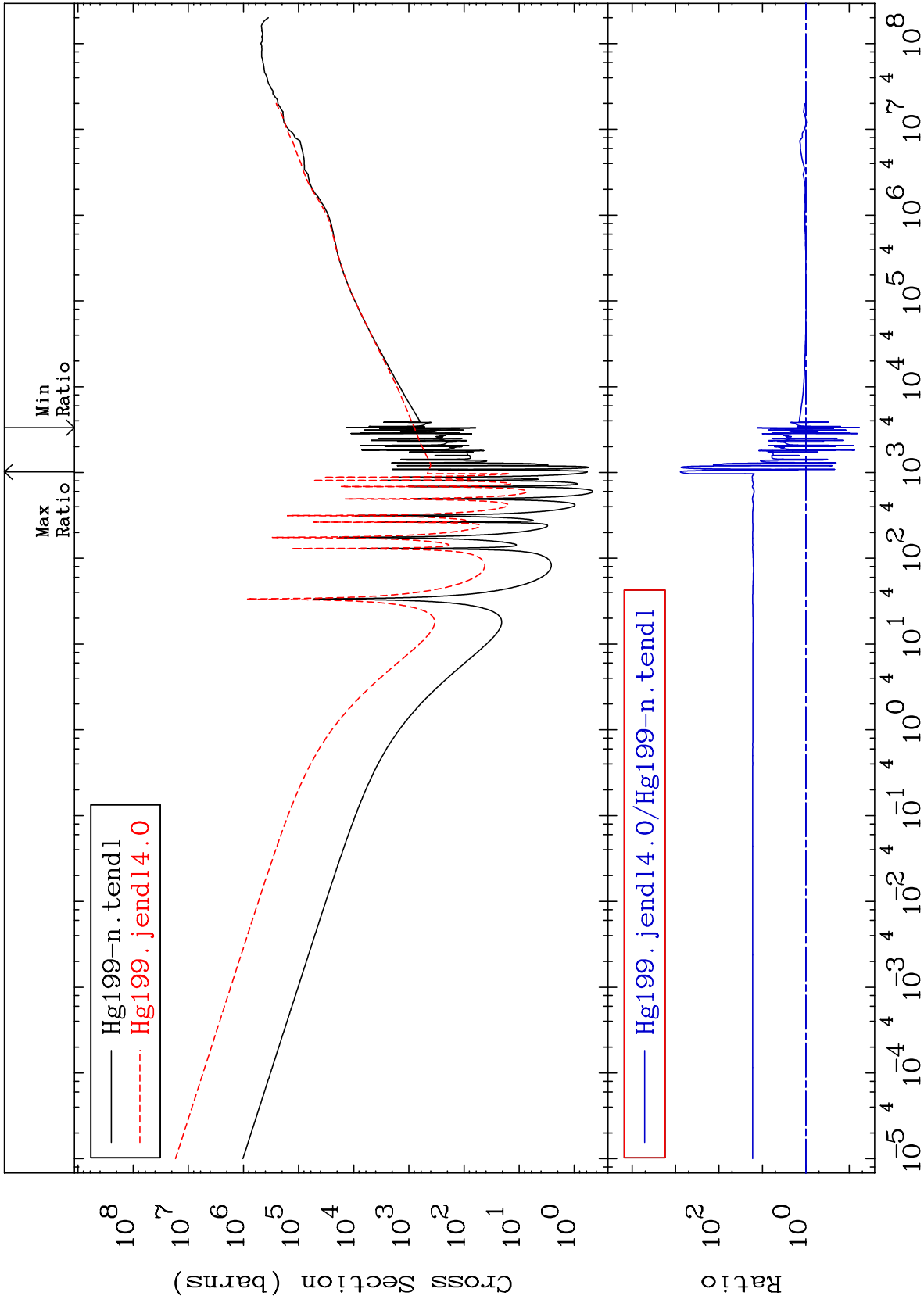




MAT 8034

Dpa total (eV-barns)
Cross Section

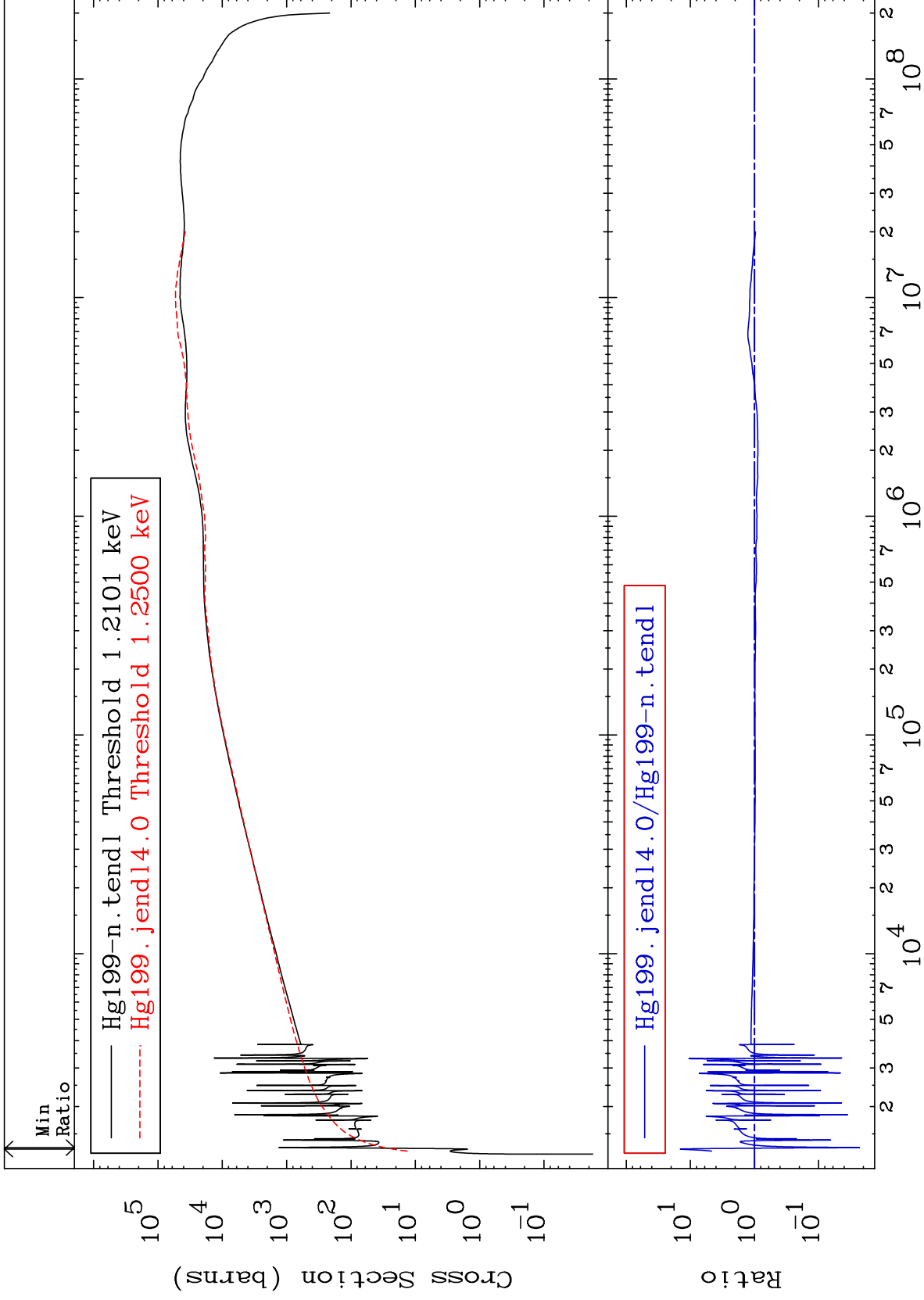
80-Hg-199
-94.16 To 9999. %

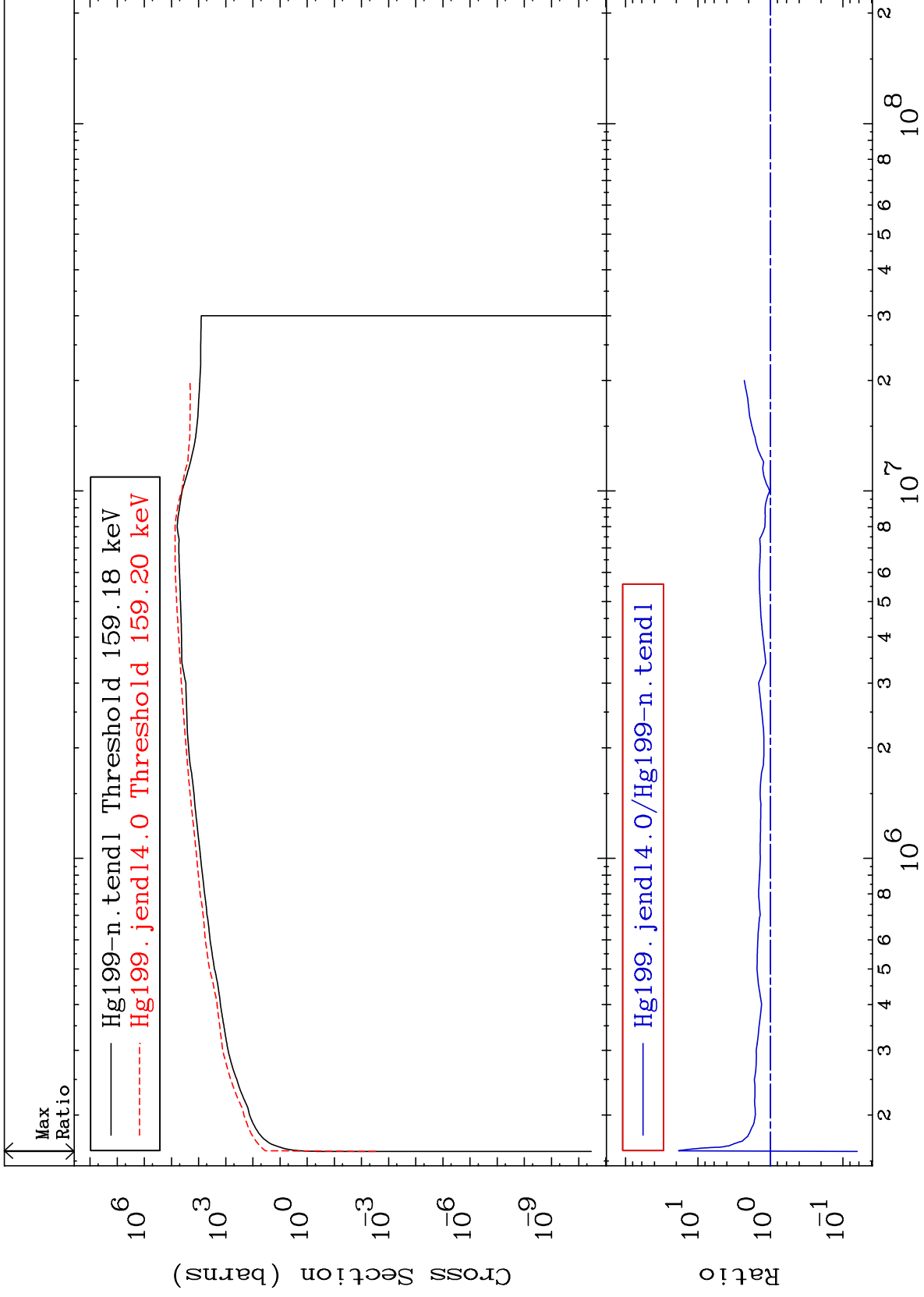


MAT 8034

Dpa elastic (mt2)
Cross Section

80-Hg-199
-97.69 To 1333. %





MAT 8034

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-199
-78.36 To 9999. %

