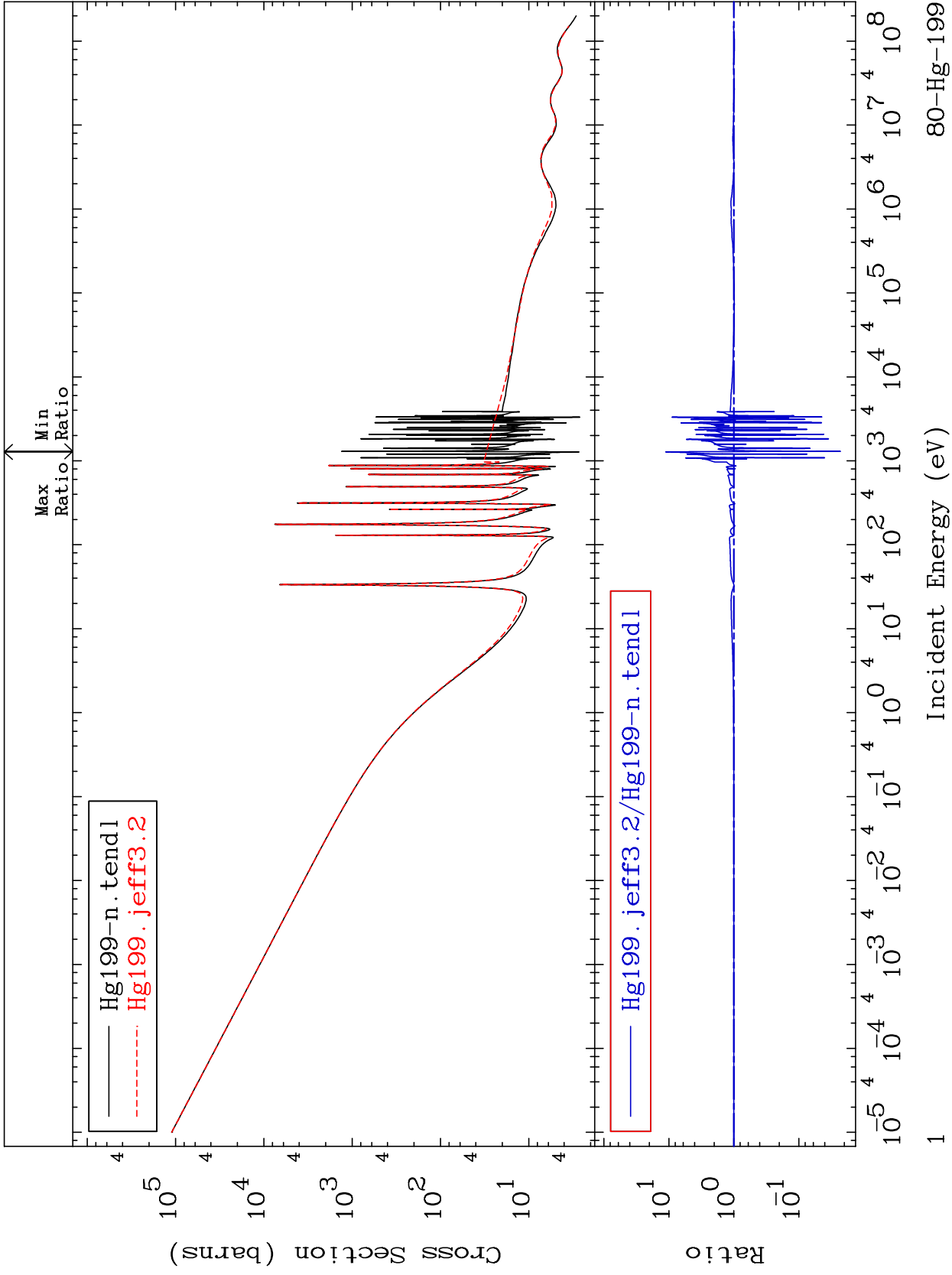


MAT 8034

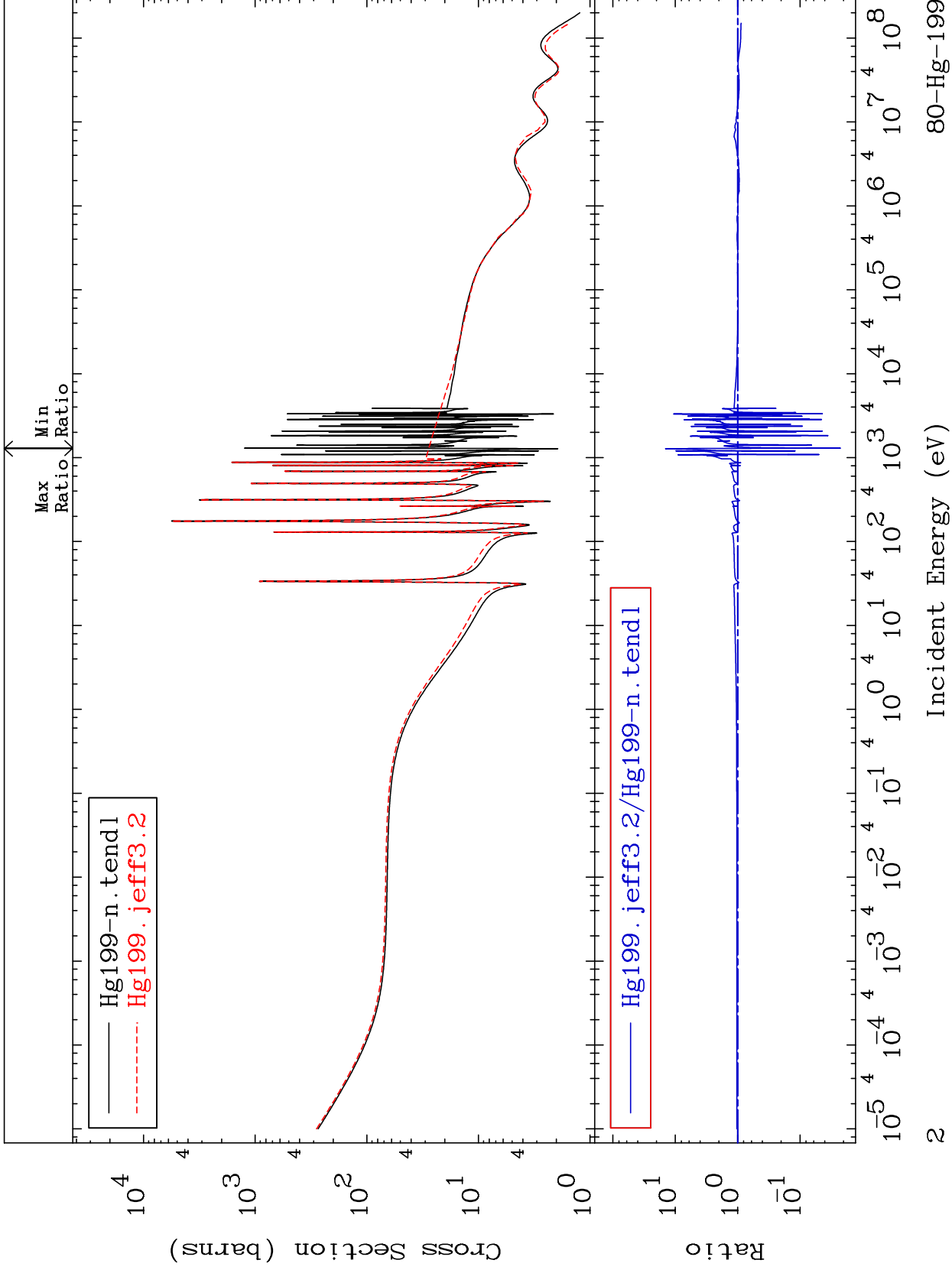
Total Cross Section
80-Hg-199
-97.73 To 1026. %



MAT 8034

Elastic
Cross Section

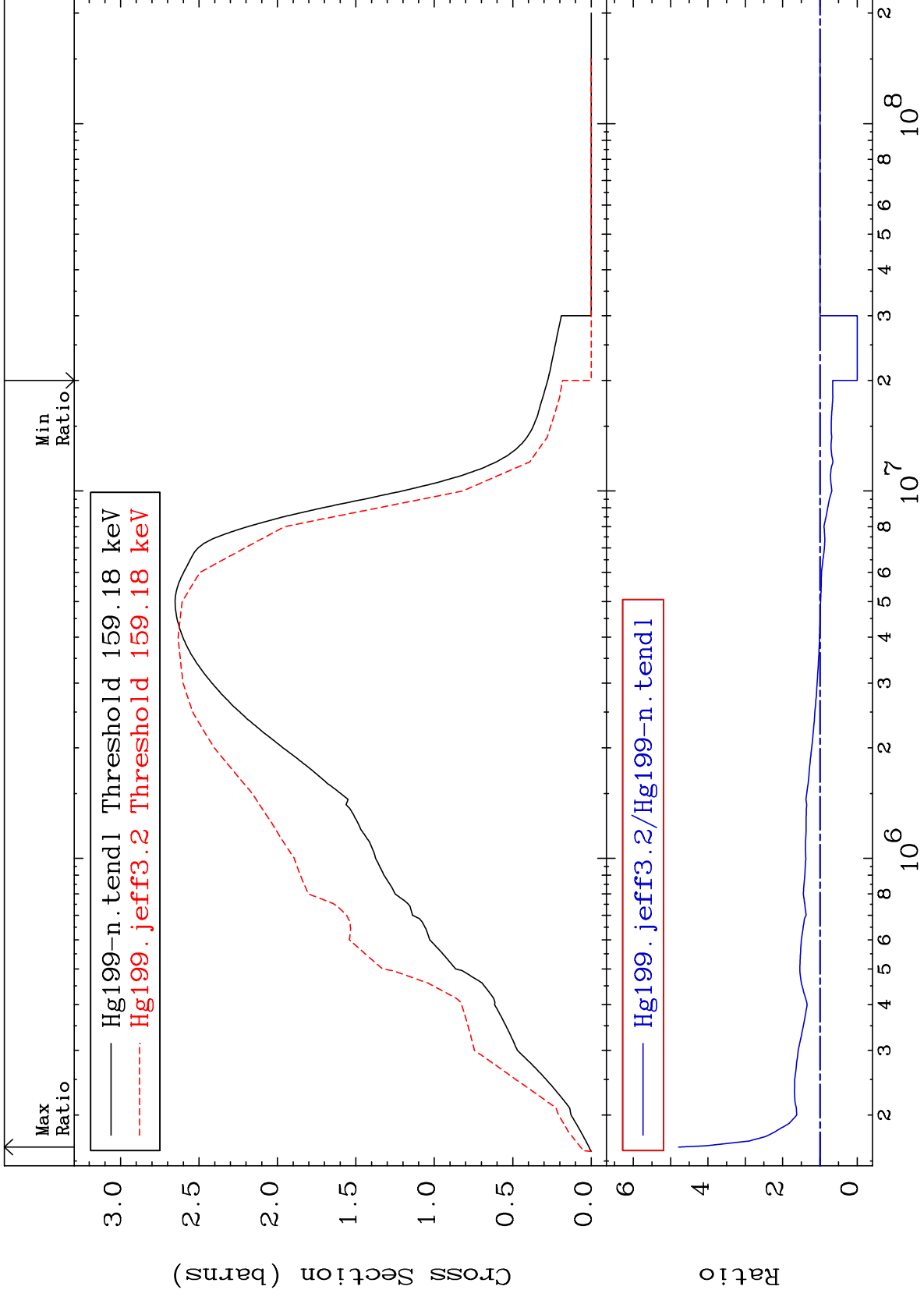
80-Hg-199
-97.77 To 1333. %



MAT 8034

Inelastic
Cross Section

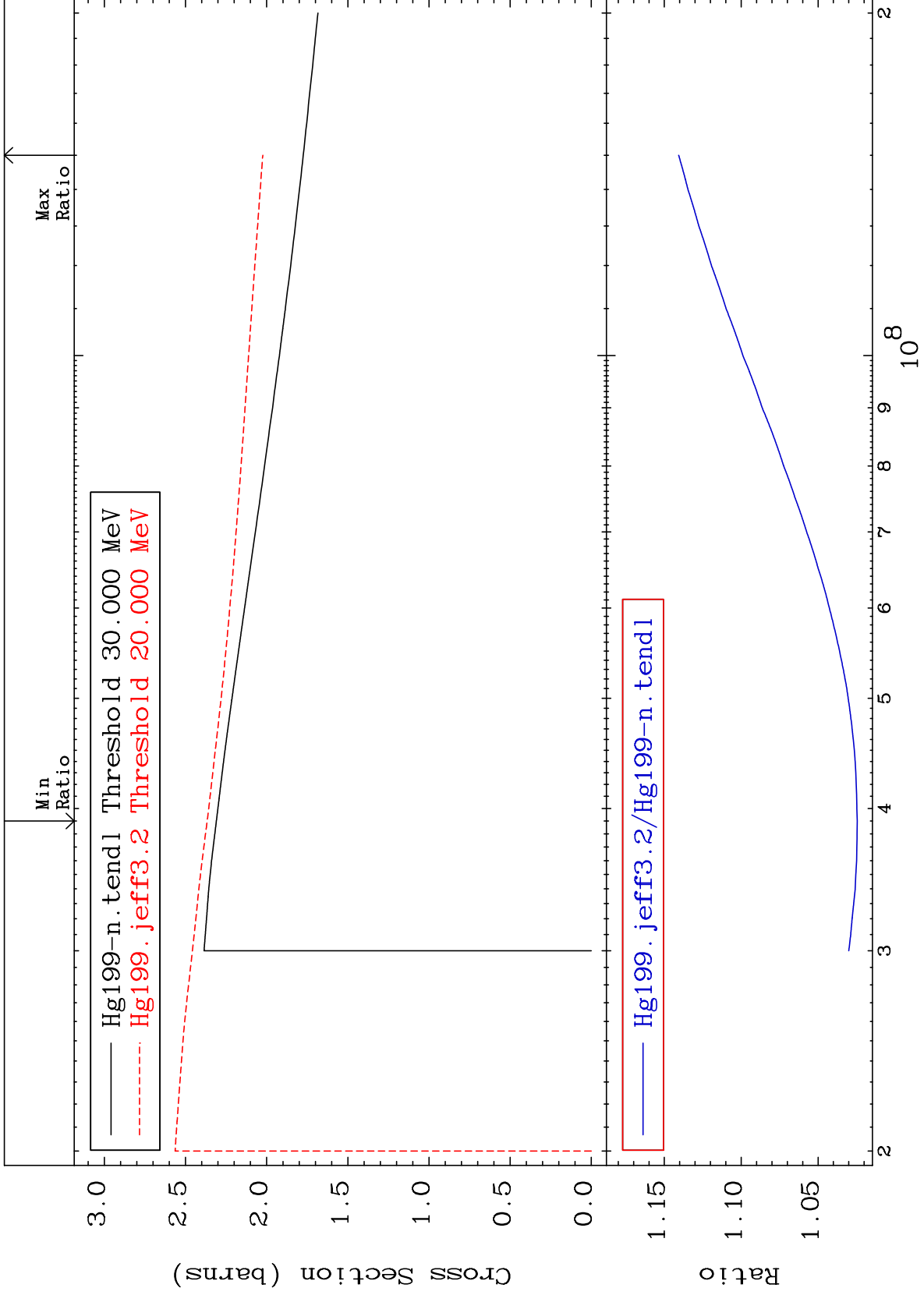
80-Hg-199
-100.0 To 378.5 %



MAT 8034

(n, remainder)
Cross Section

80-Hg-199
To 14.07 %



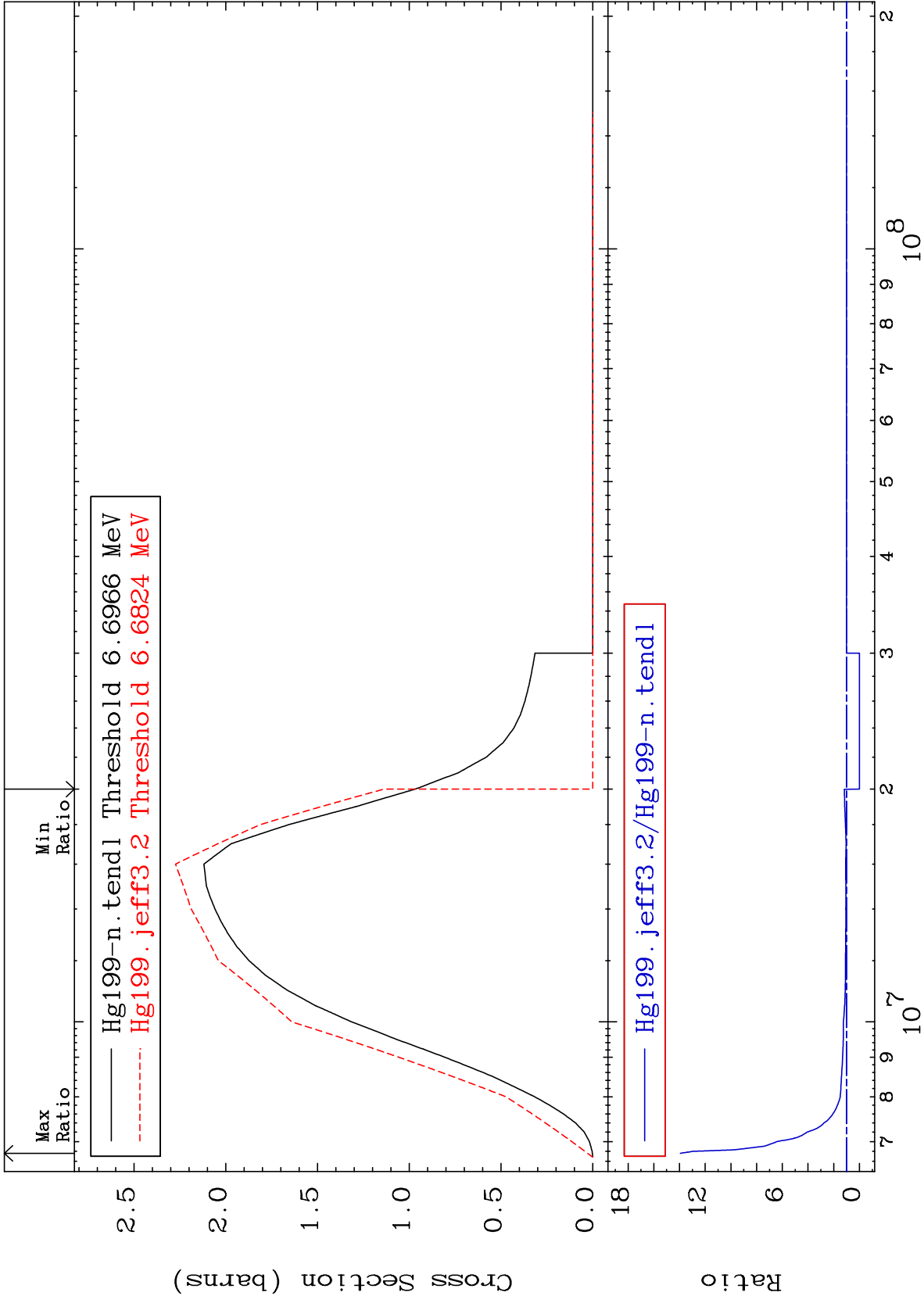
MAT 8034

(n,2n)

80-Hg-199

Cross Section

-100.0 To 1293. %



5

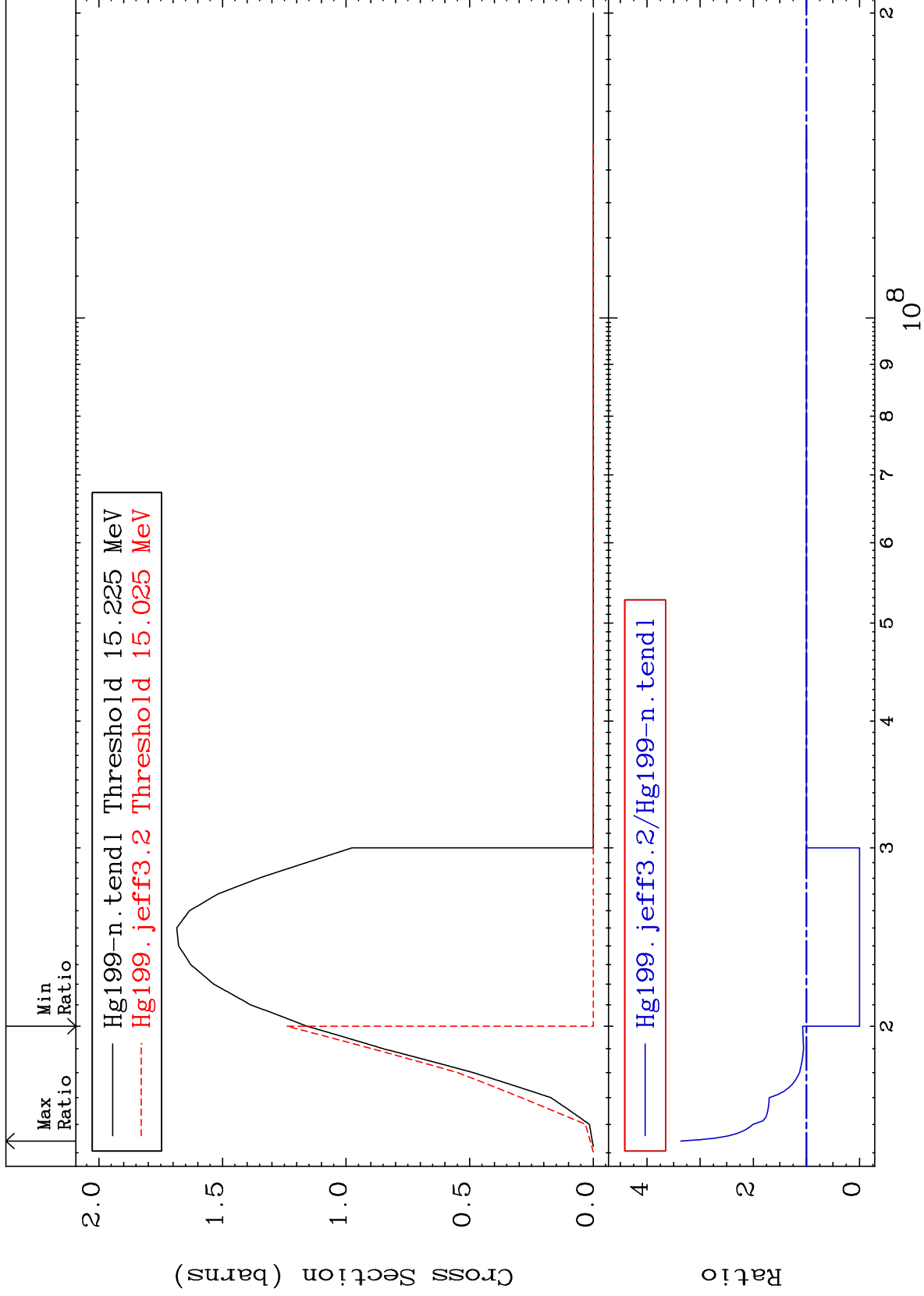
Incident Energy (eV)

80-Hg-199

MAT 8034

(n,3n)
Cross Section

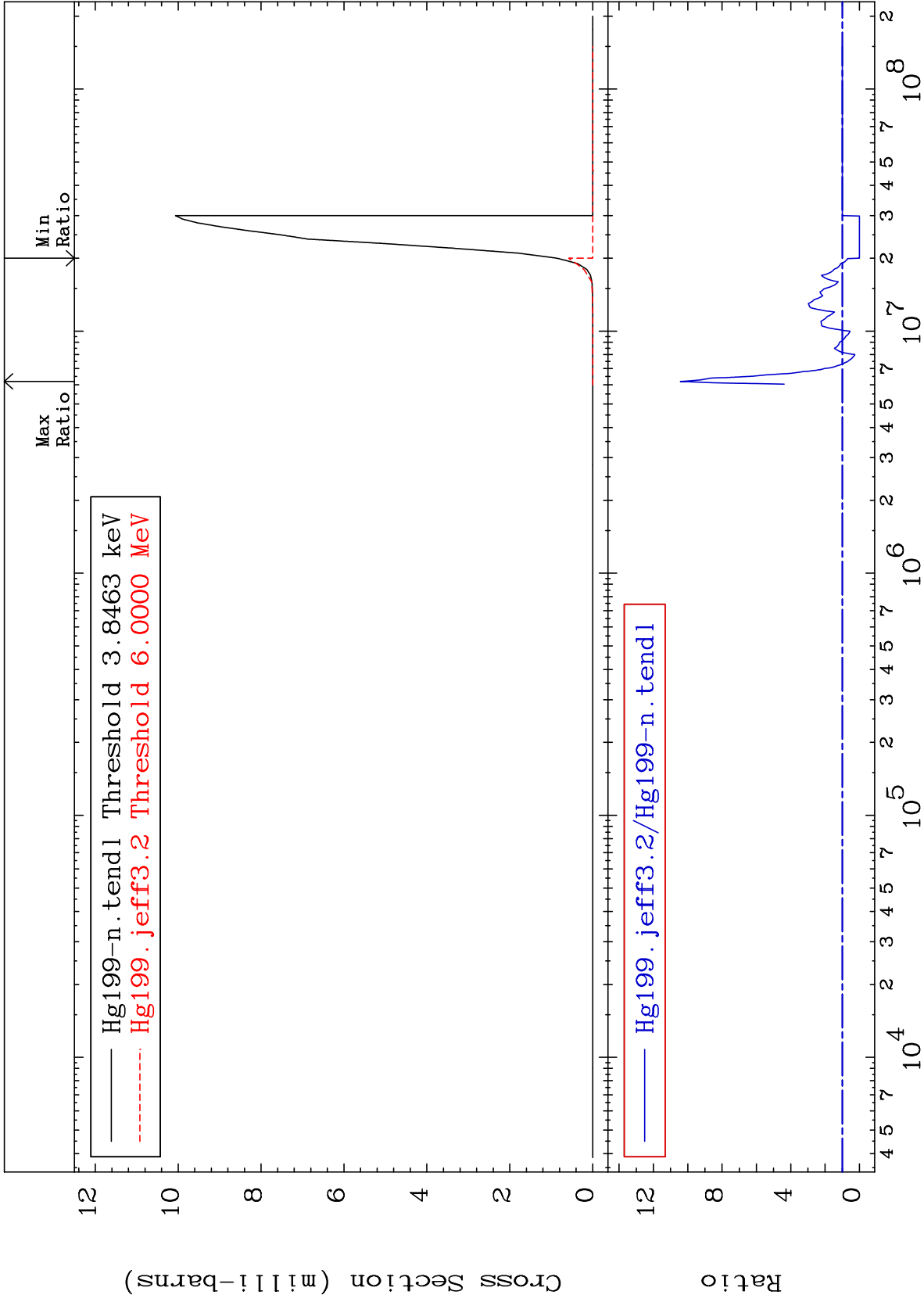
80-Hg-199
-100.0 To 236.4 %



MAT 8034

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

80-Hg-199
-100.0 To 943.1 %



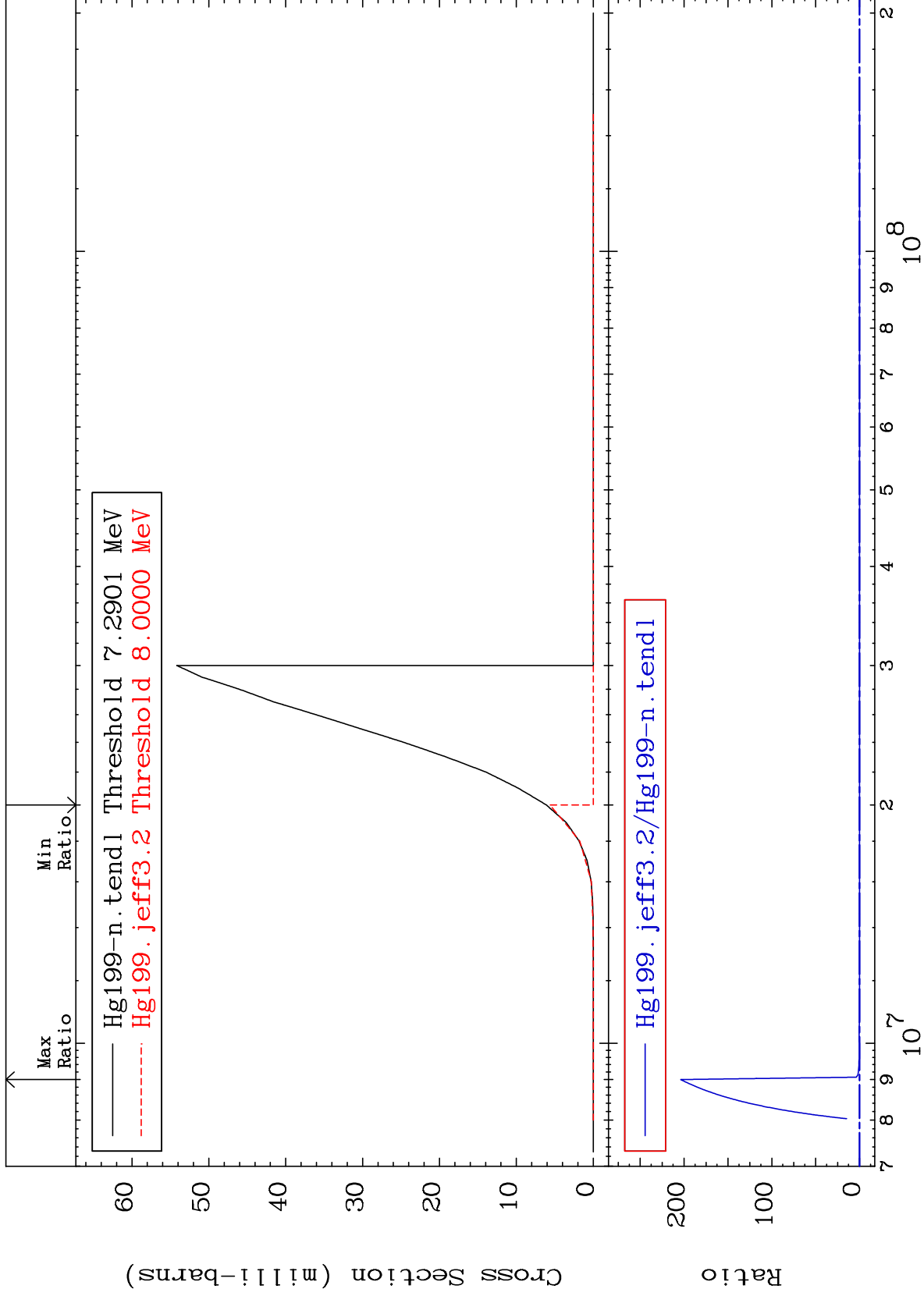
7

80-Hg-199

MAT 8034

(n,n') p
Cross Section

80-Hg-199
-100.0 To 9999. %



8

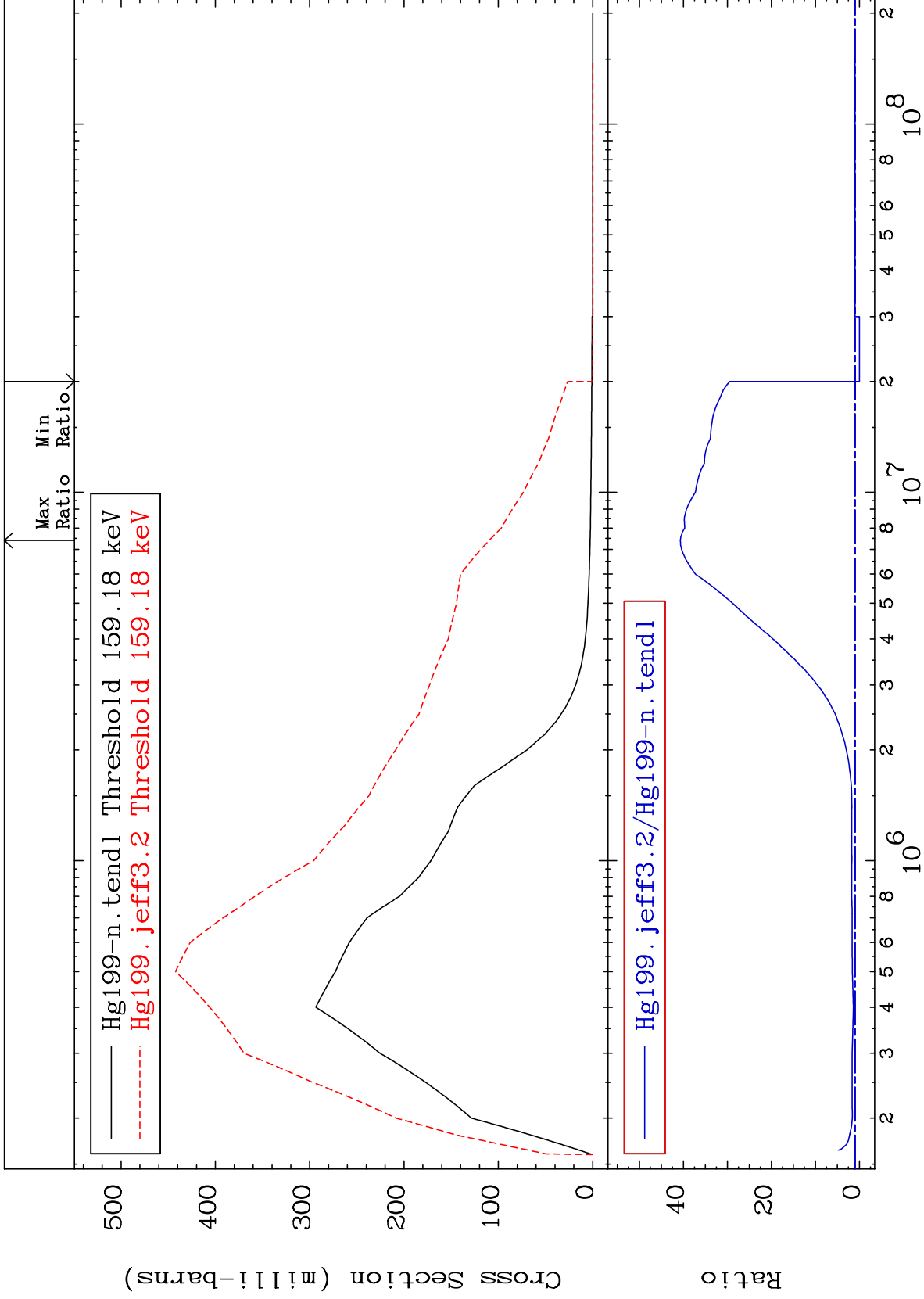
Incident Energy (eV)

80-Hg-199

MAT 8034

158.4 keV (n,n') Level
Cross Section

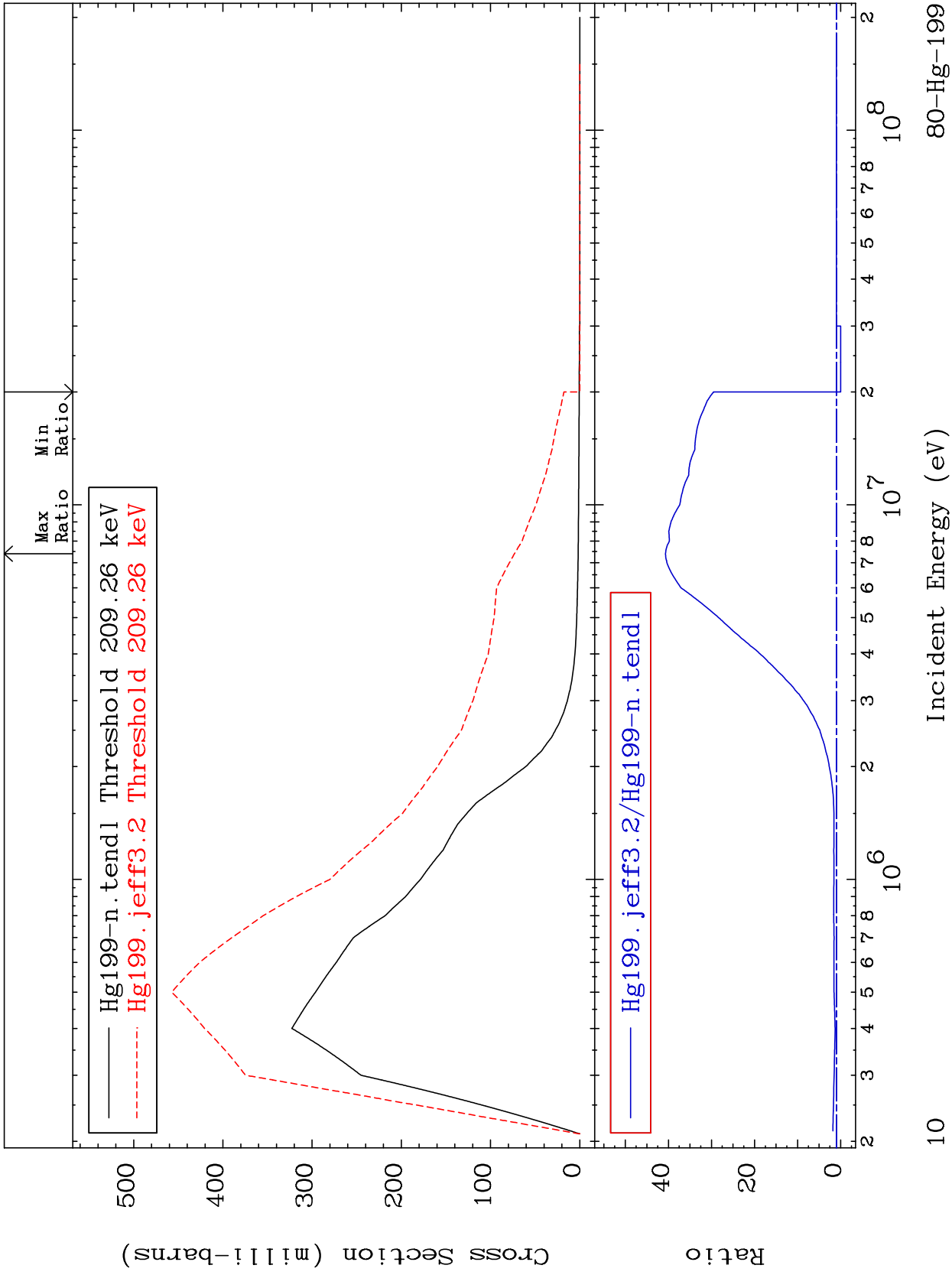
80-Hg-199
-100.0 To 3969. %



MAT 8034

208.2 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 3968. %



10

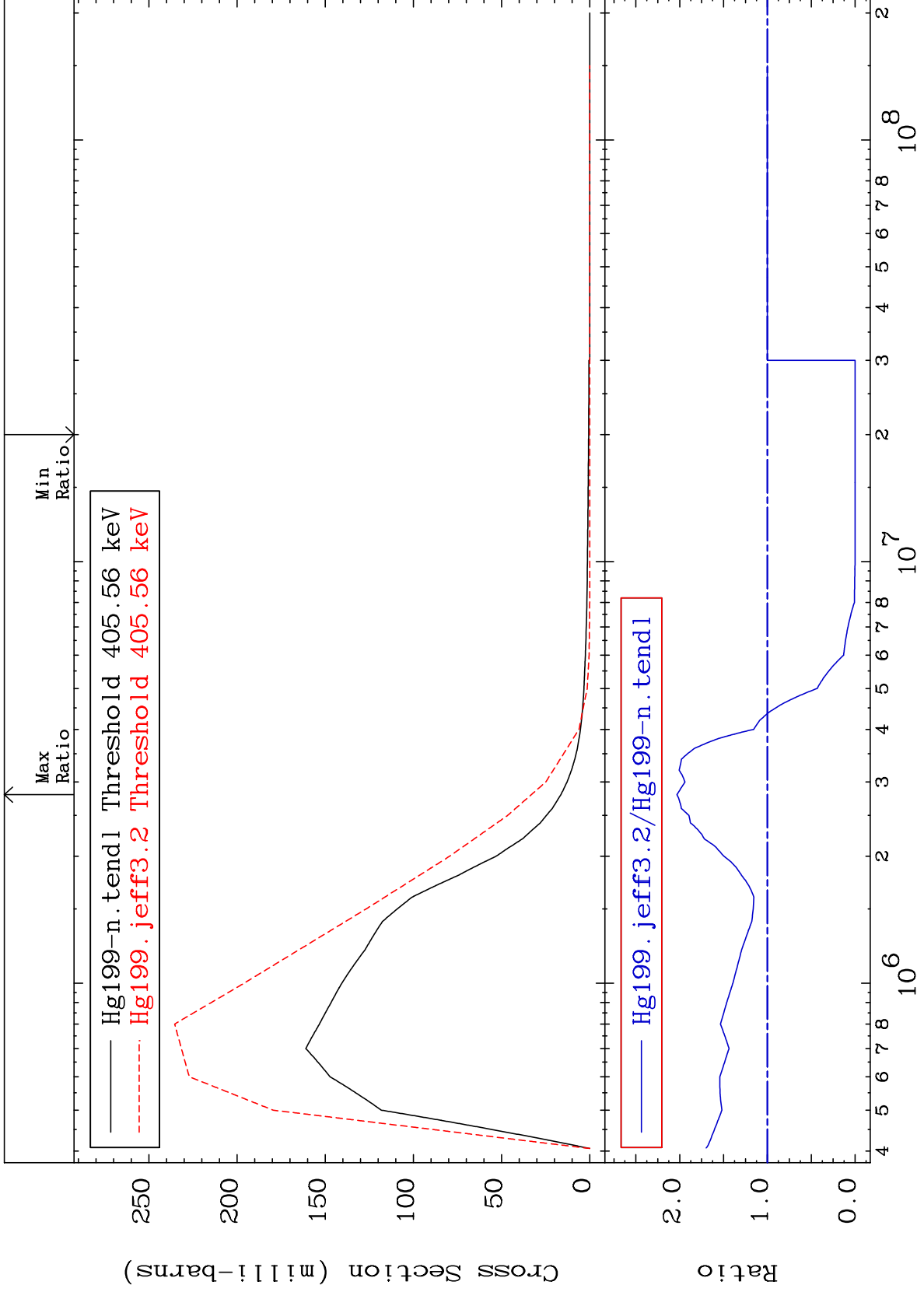
Incident Energy (eV)

80-Hg-199

MAT 8034

403.5 keV (n,n') Level
Cross Section

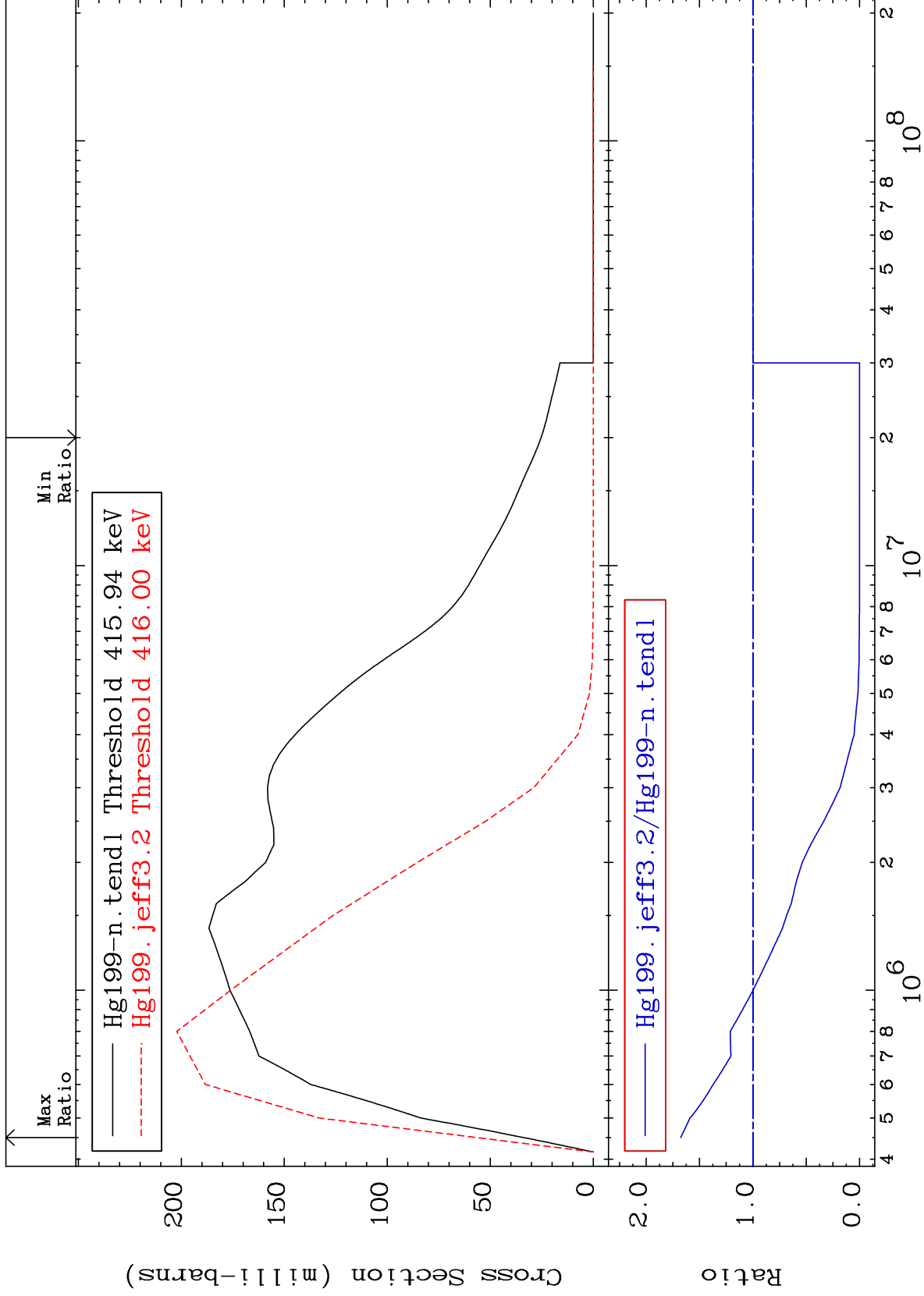
80-Hg-199
-100.0 To 103.2 %



MAT 8034

413.8 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 67.59 %



12

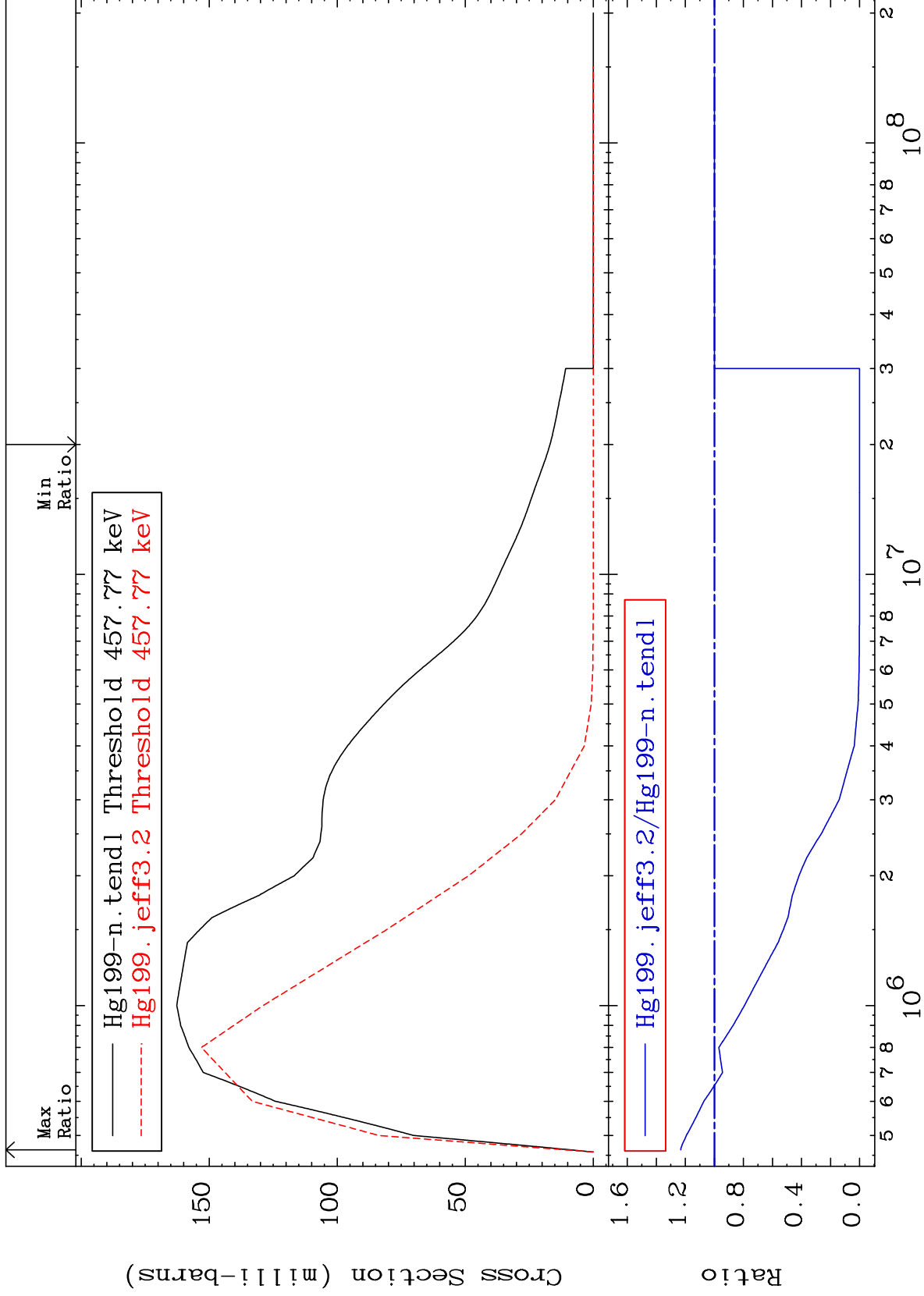
Incident Energy (eV)

80-Hg-199

MAT 8034

455.5 keV (n,n') Level
Cross Section

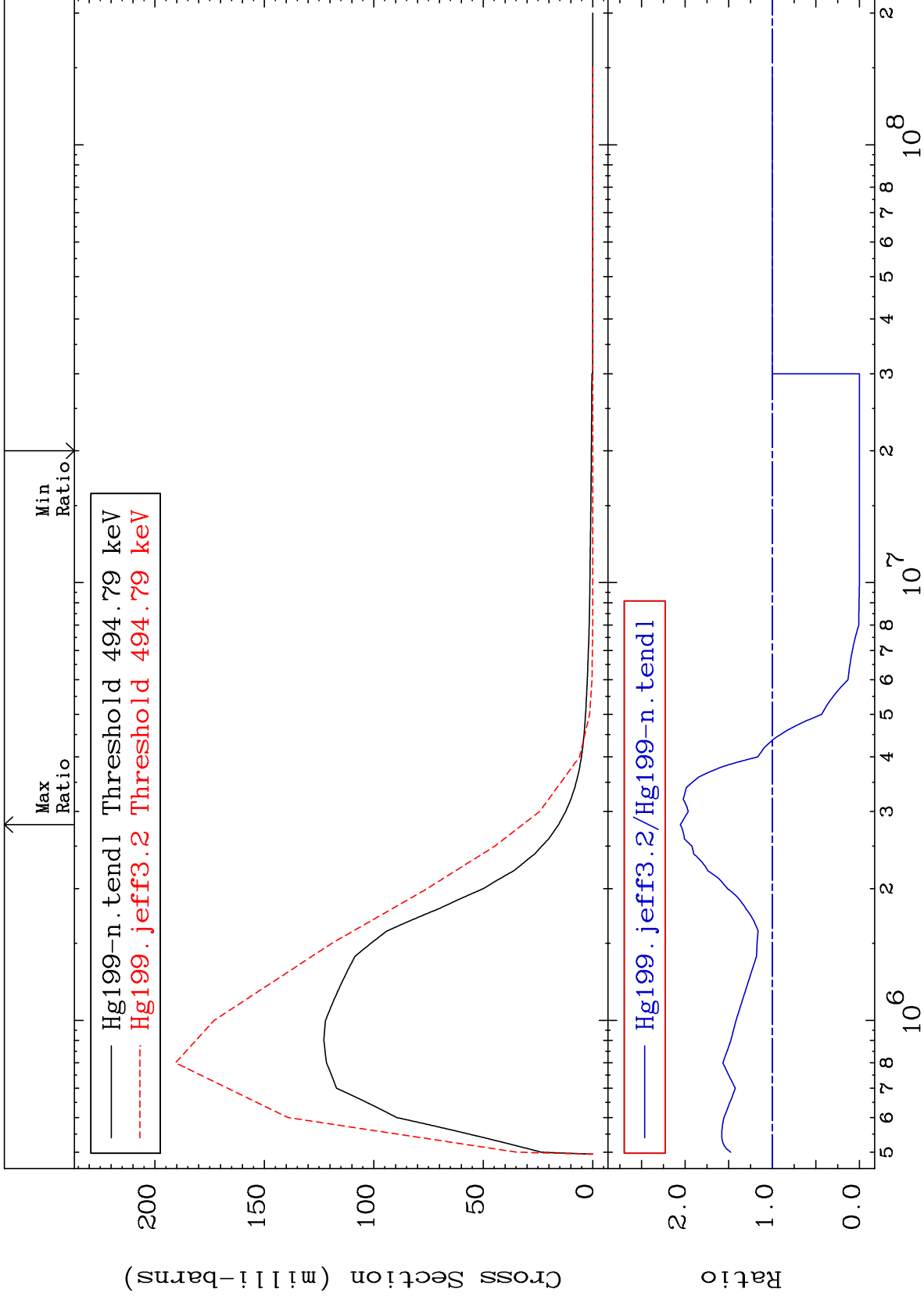
80-Hg-199
-100.0 To 23.15 %



MAT 8034

492.3 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 105.5 %



14

80-Hg-199

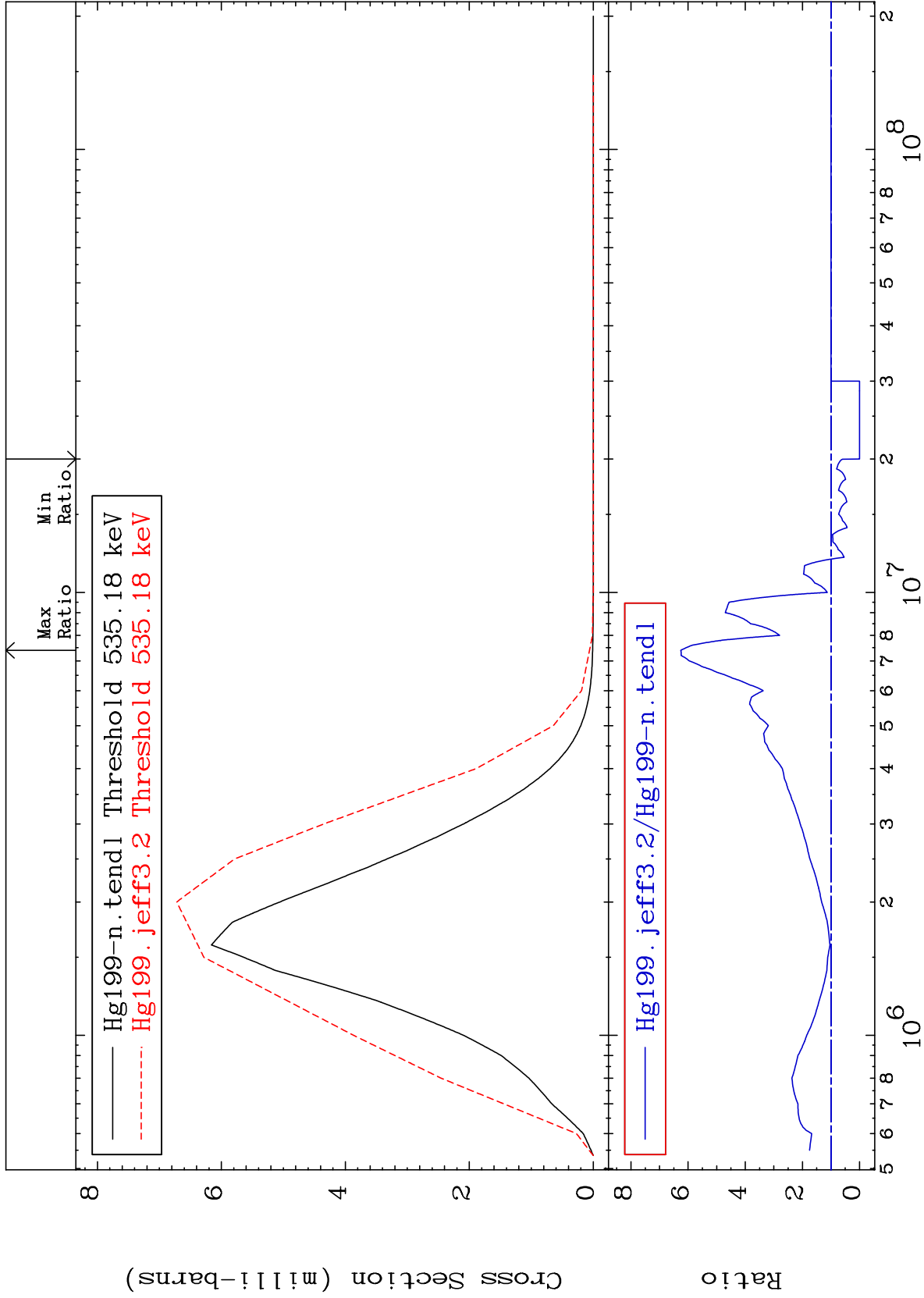
MAT 8034

532.5 keV (n,n') Level

80-Hg-199

-100.0 To 525.7 %

Cross Section



15

Incident Energy (eV)

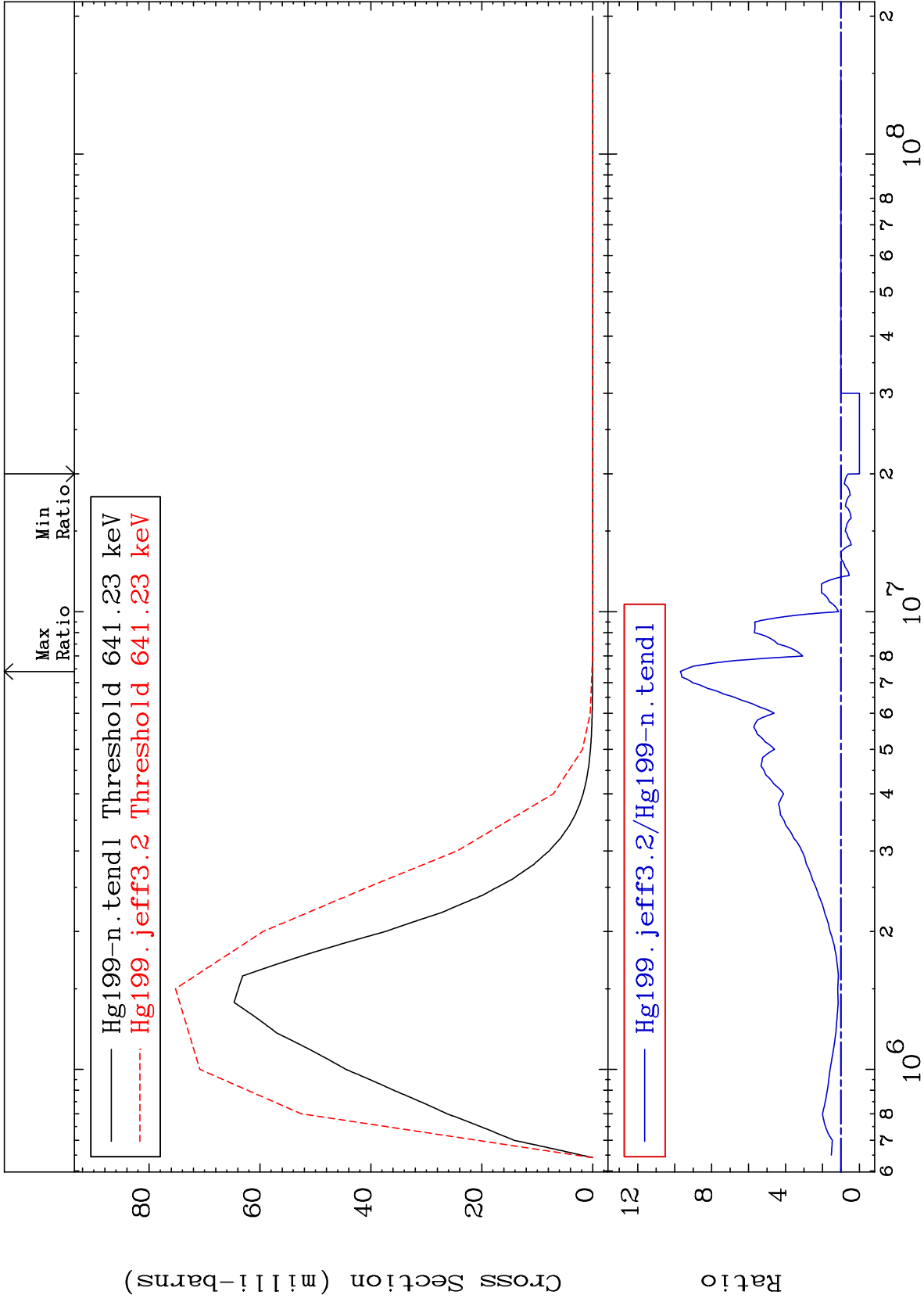
80-Hg-199

MAT 8034

638.0 keV (n,n') Level

80-Hg-199

-100.0 To 869.4 %



16

Incident Energy (eV)

80-Hg-199

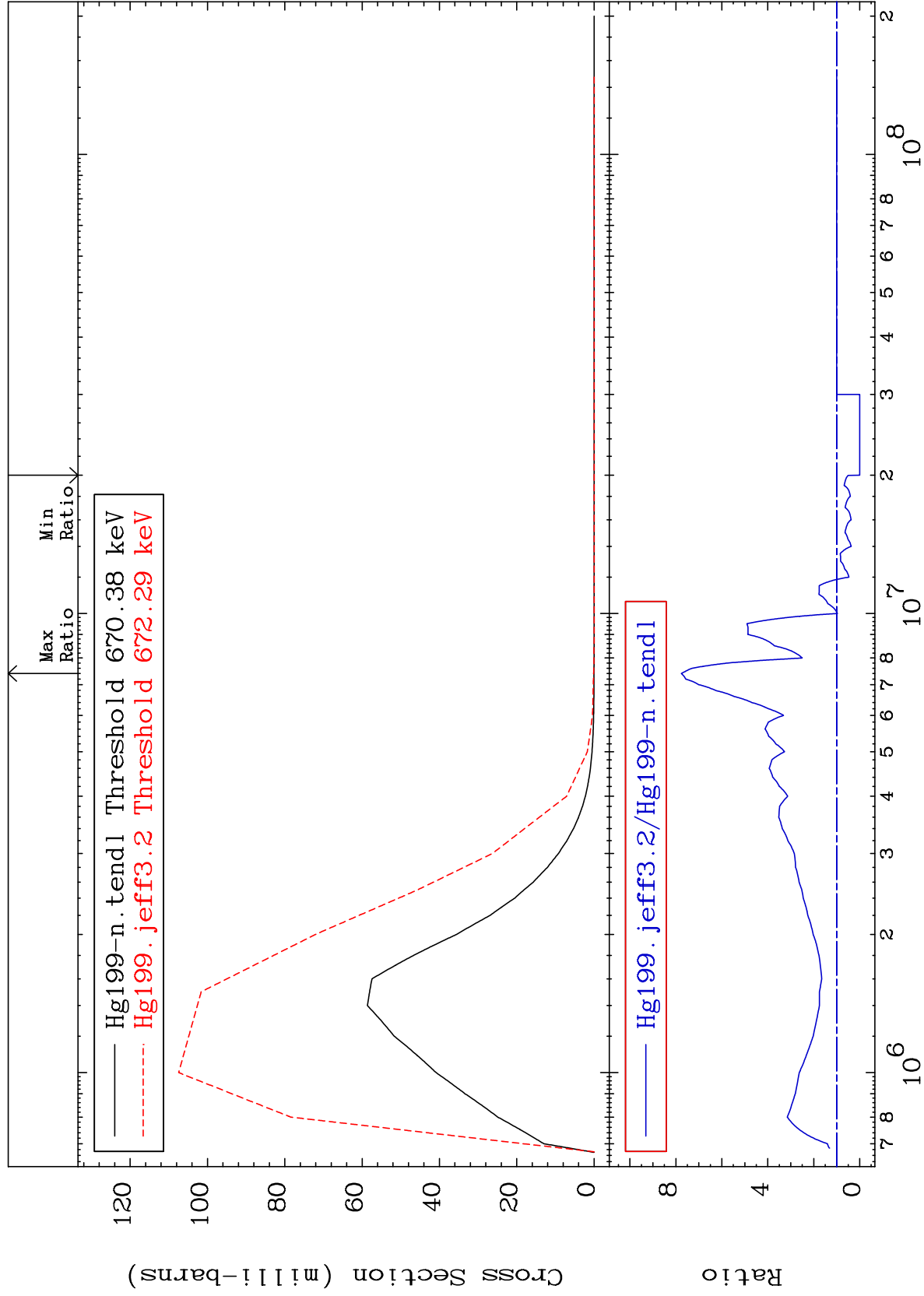
MAT 8034

667.0 keV (n,n') Level

80-Hg-199

-100.0 To 676.1 %

Cross Section



17

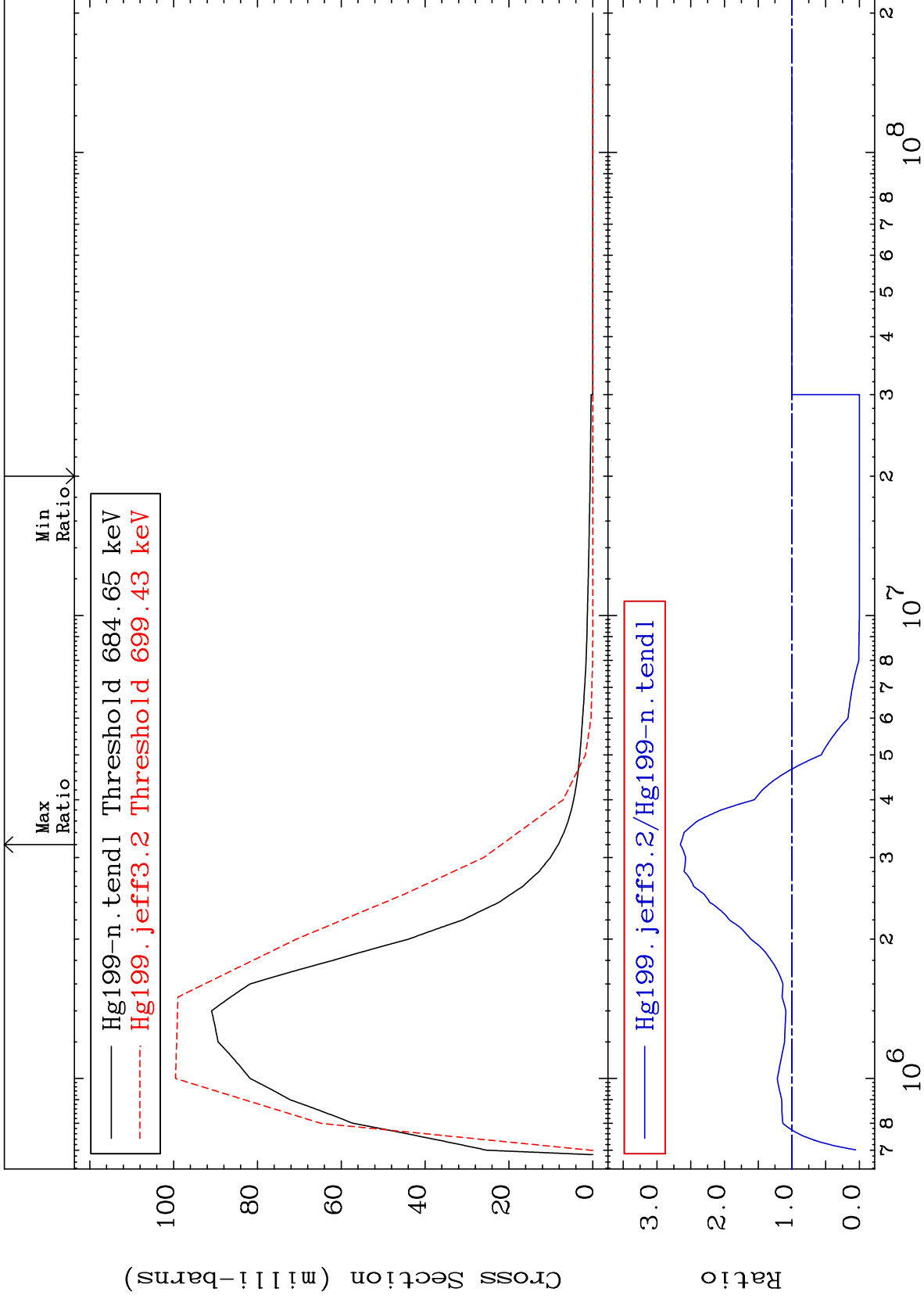
Incident Energy (eV)

80-Hg-199

MAT 8034

681.2 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 165.4 %



18

Incident Energy (eV)

80-Hg-199

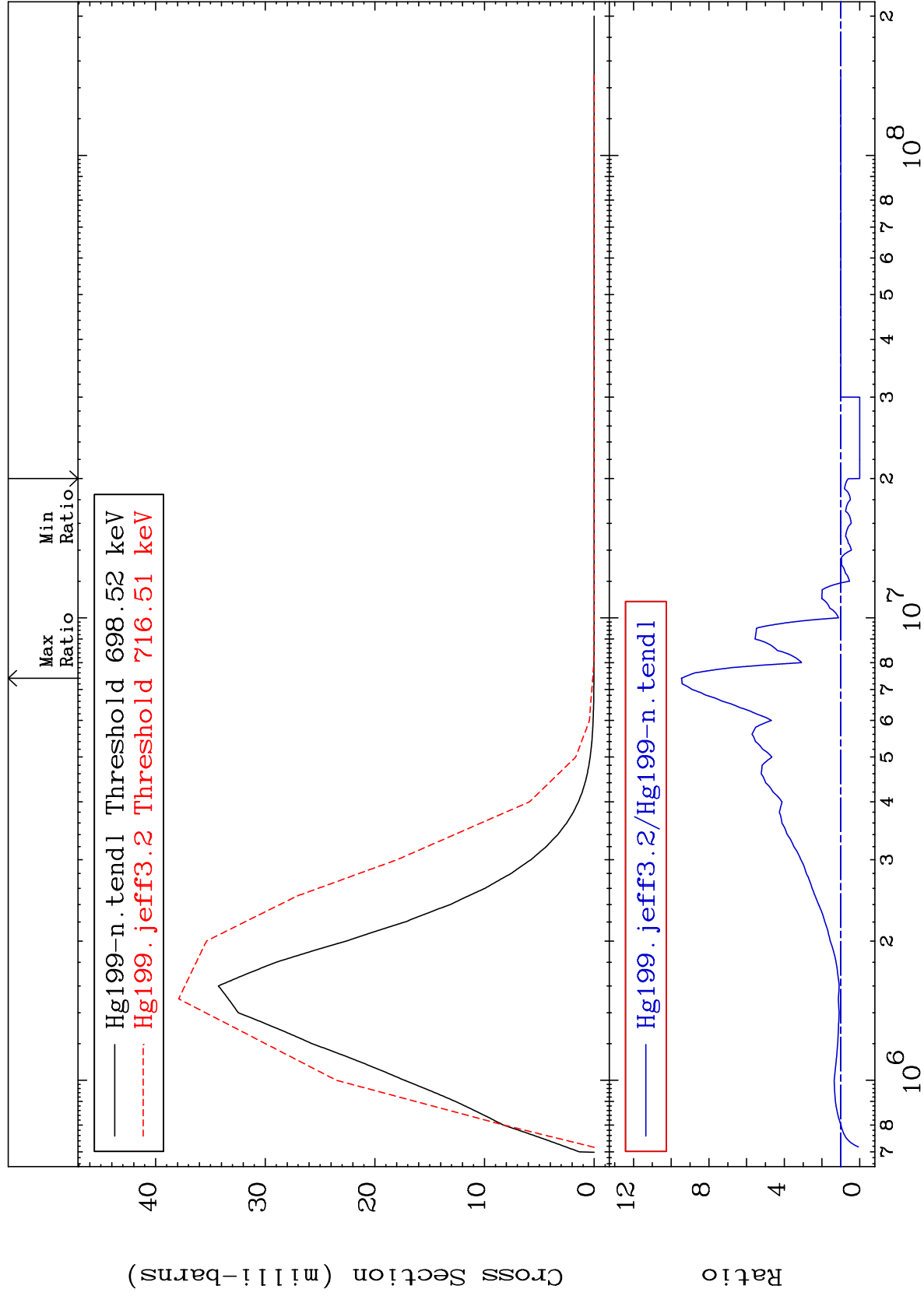
MAT 8034

695.0 keV (n,n') Level

80-Hg-199

-100.0 To 846.0 %

Cross Section



19

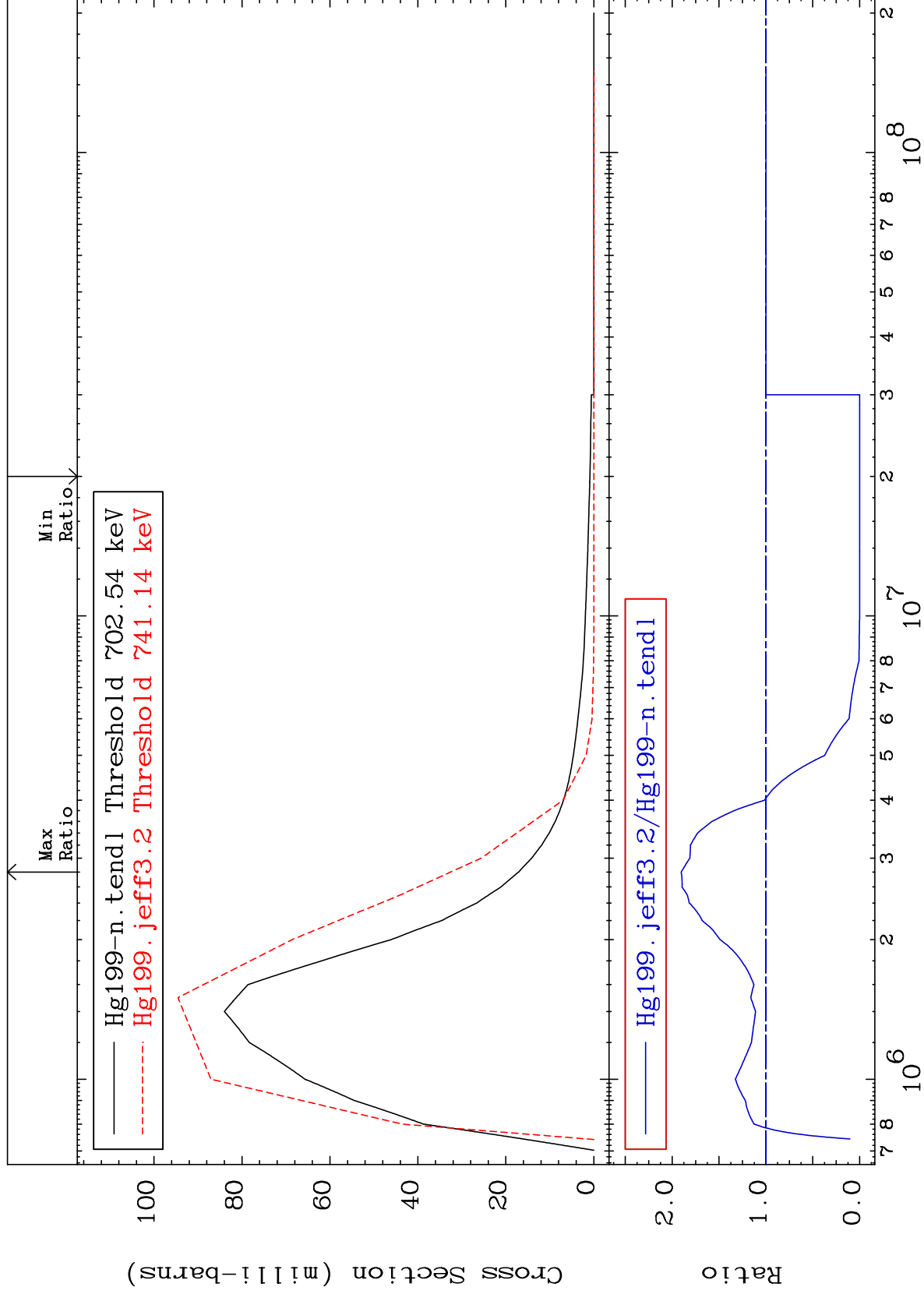
Incident Energy (eV)

80-Hg-199

MAT 8034

699.0 keV (n,n') Level
Cross Section

80-Hg-199
-100.0 To 90.40 %



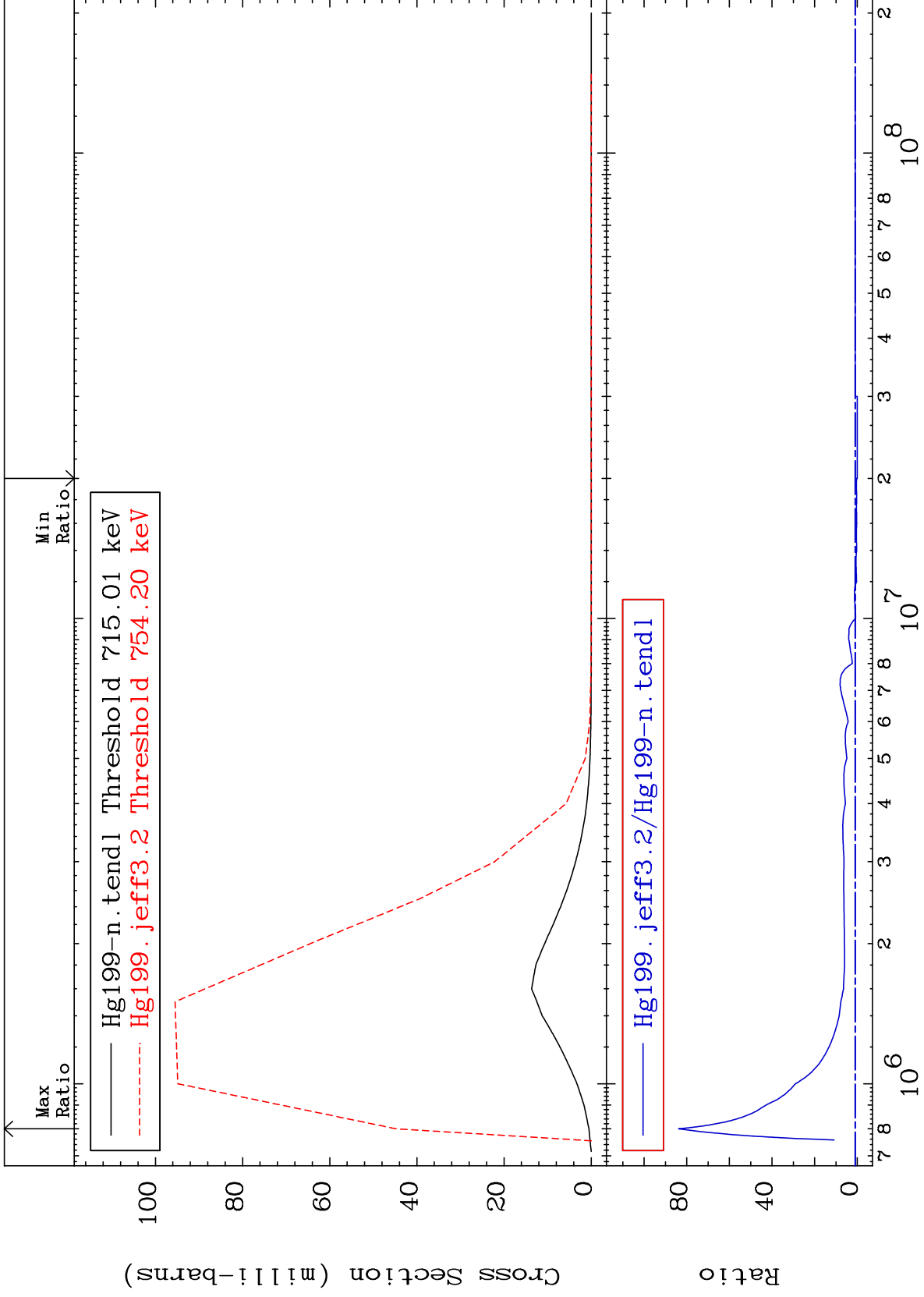
Incident Energy (eV)

80-Hg-199

MAT 8034

711.4 keV (n,n') Level
Cross Section

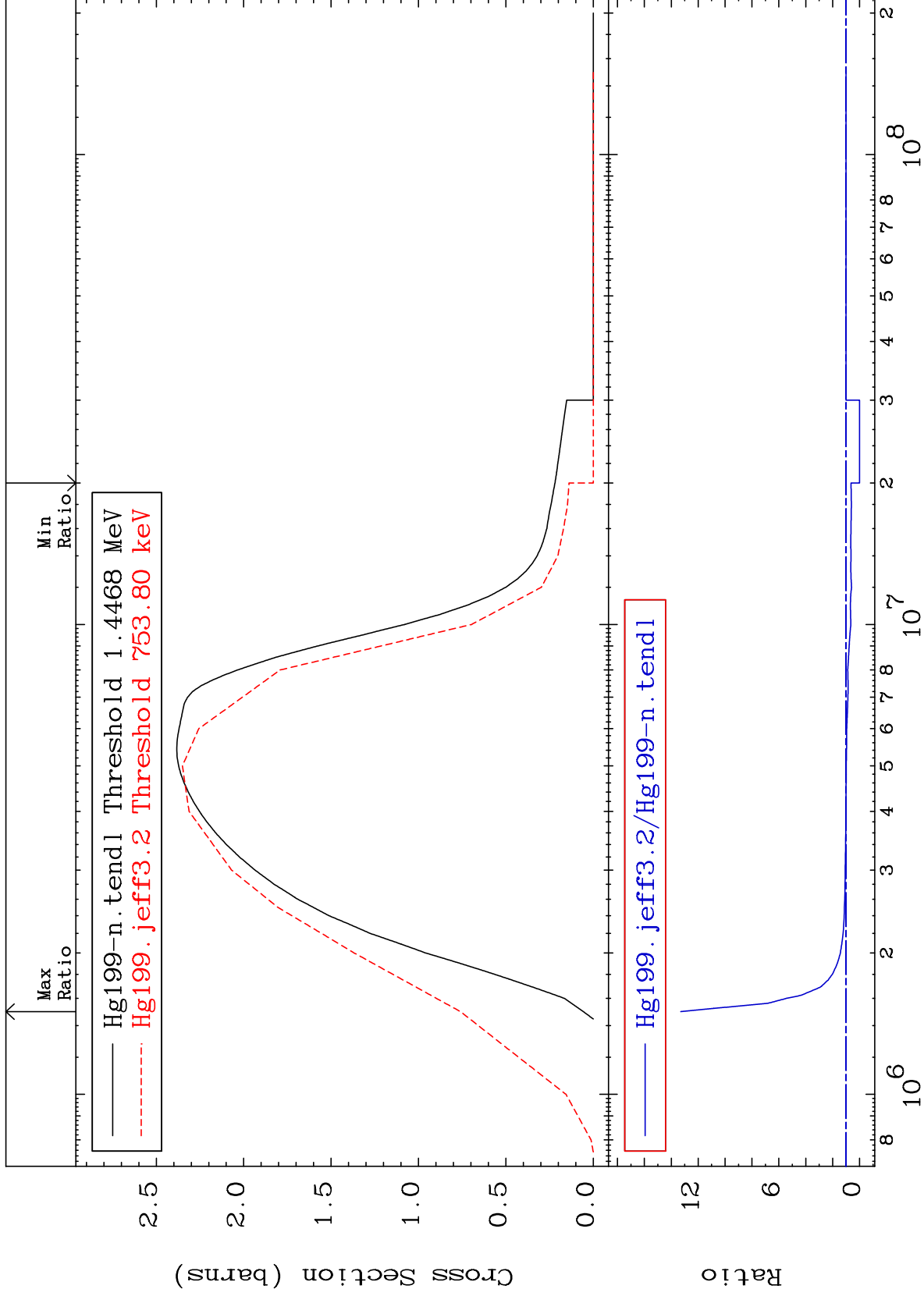
80-Hg-199
-100.0 To 8280. %



MAT 8034

(n, n') Continuum
Cross Section

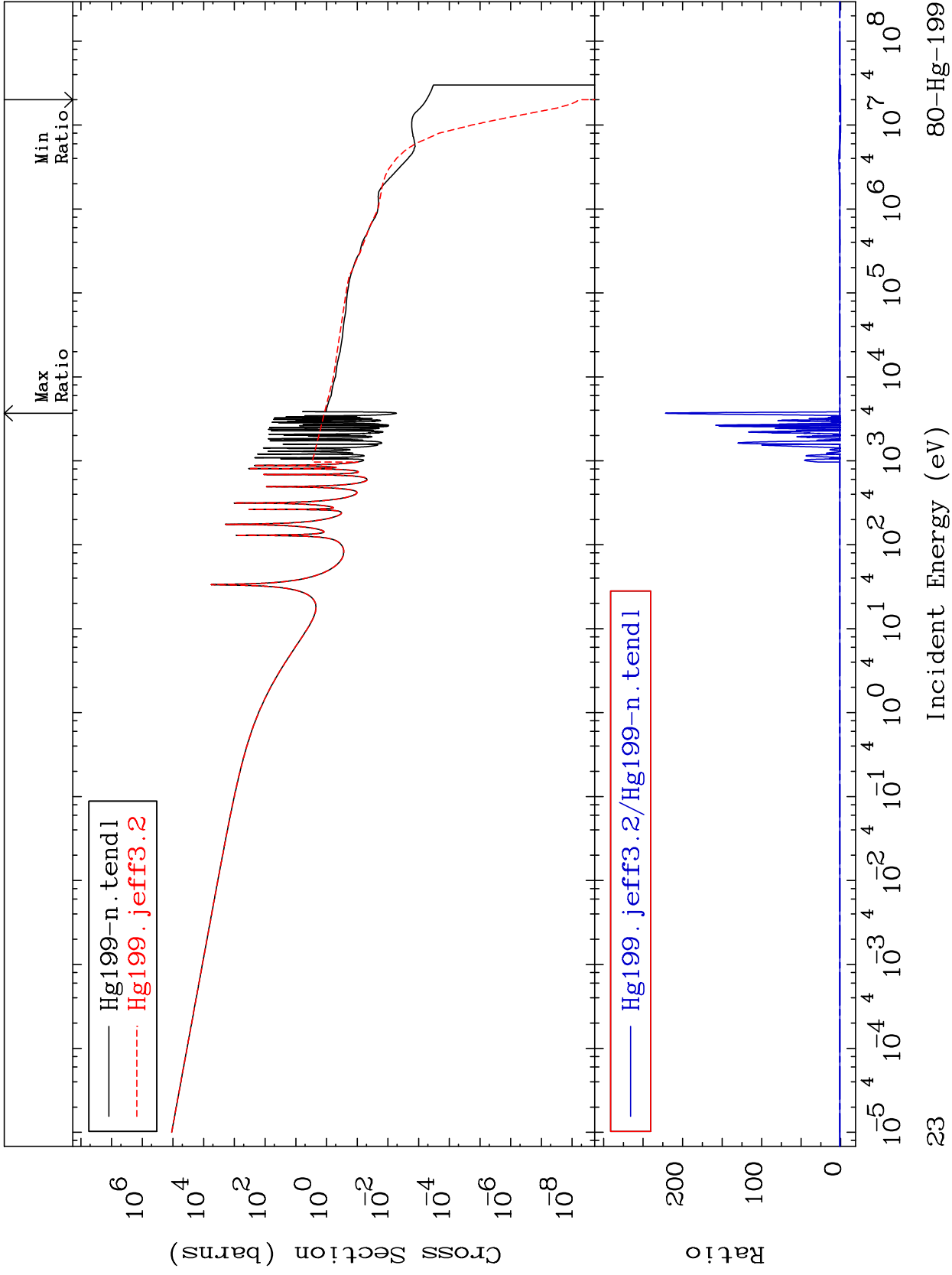
80-Hg-199
-100.0 To 1229. %



MAT 8034

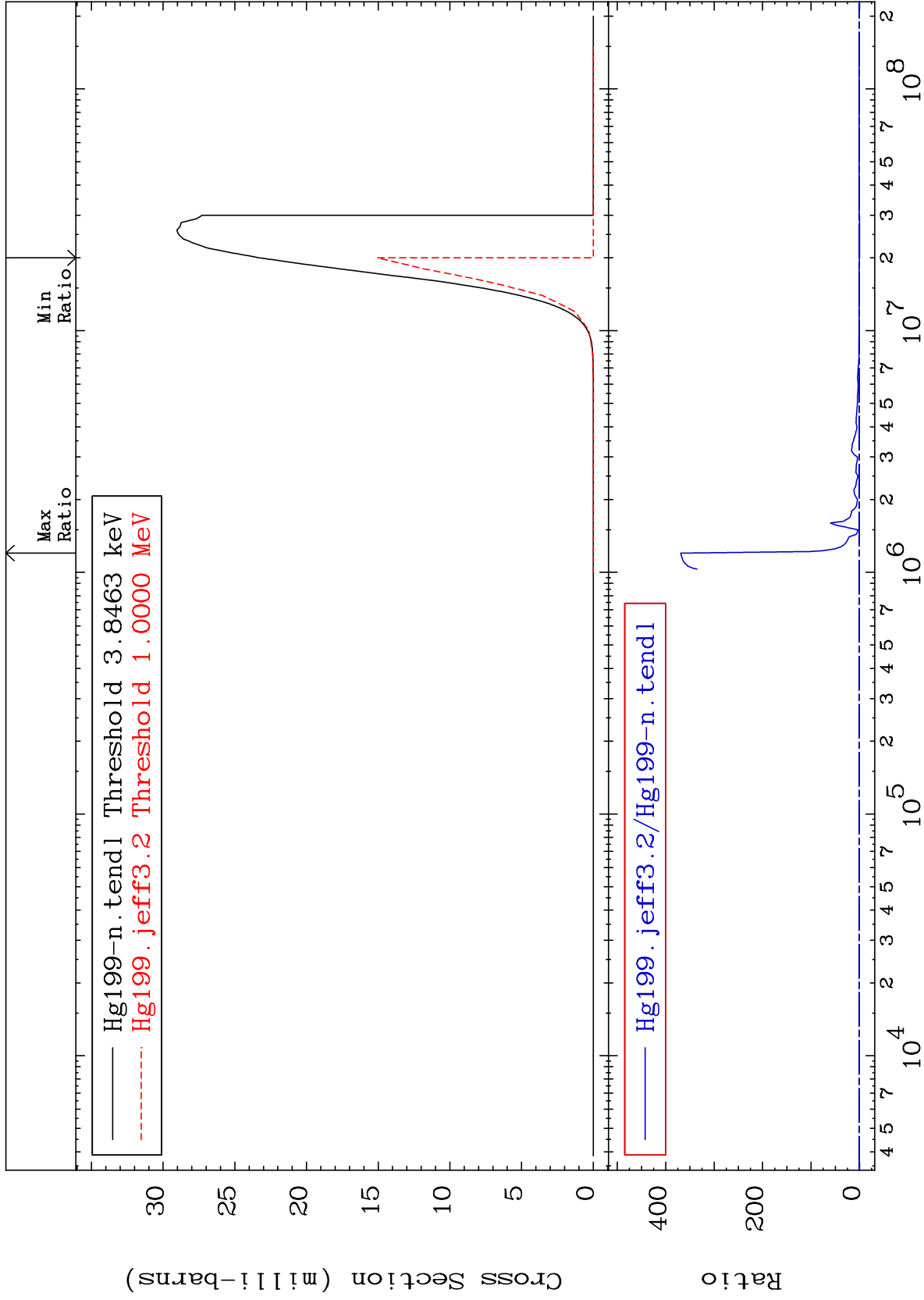
(n, γ)
Cross Section

80-Hg-199
-100.0 To 9999. %



MAT 8034

(n, p)
Cross Section
80-Hg-199
-100.0 To 9999. %



24

Incident Energy (eV)

80-Hg-199

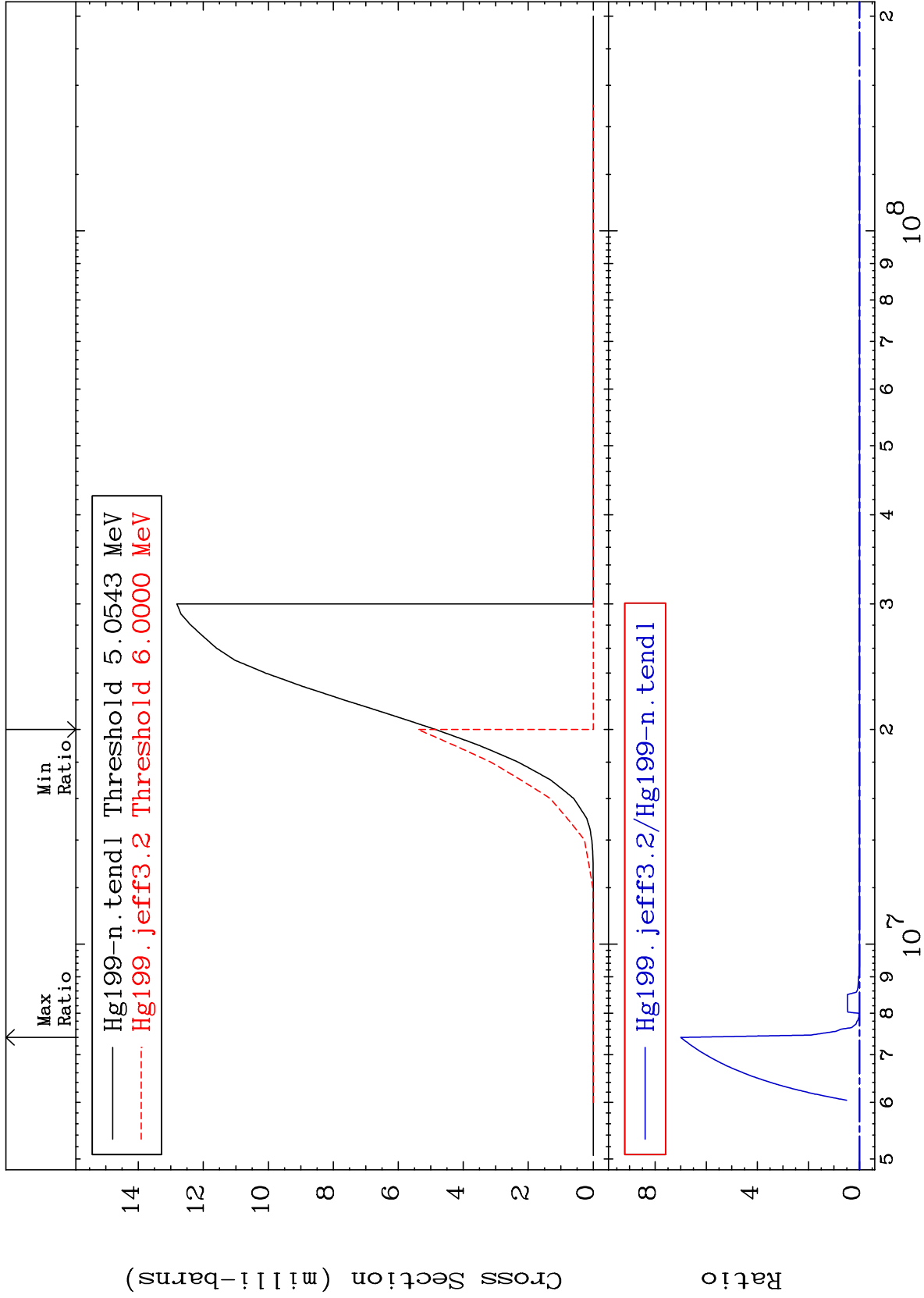
MAT 8034

(n, d)

80-Hg-199

Cross Section

-100.0 To 9999. %



25

Incident Energy (eV)

80-Hg-199

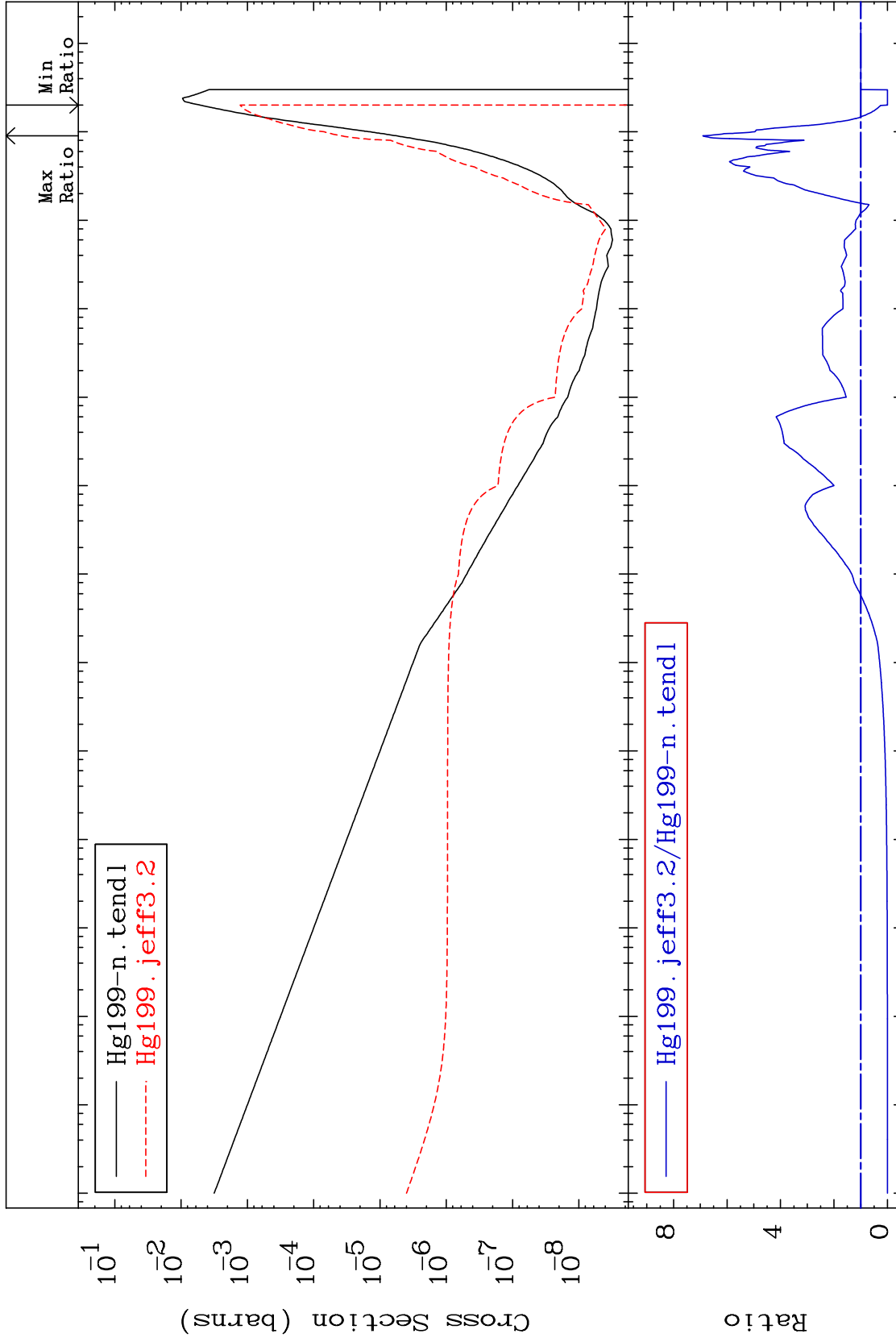
MAT 8034

(n, α)

80-Hg-199

Cross Section

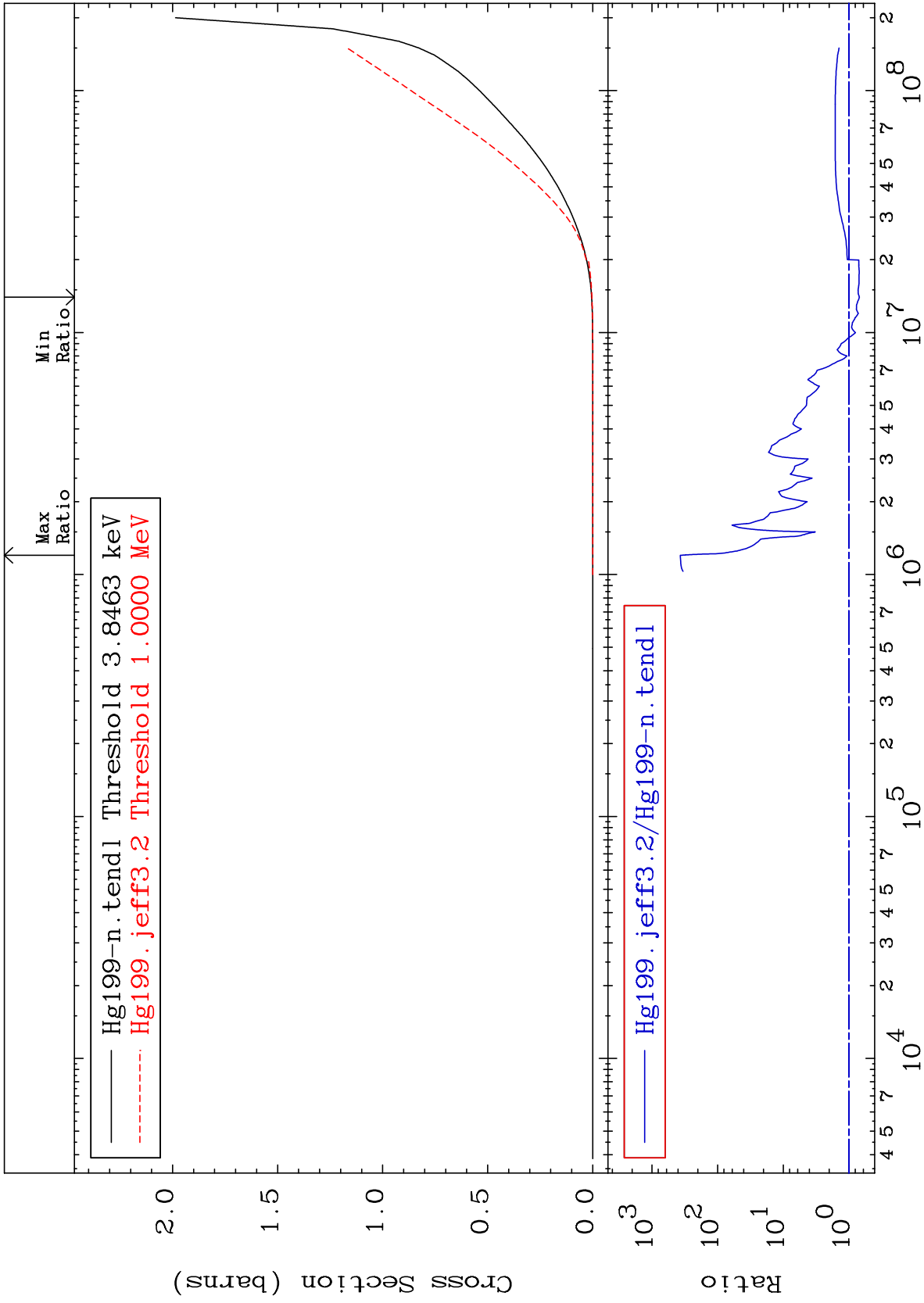
-100.0 To 590.3 %



Incident Energy (eV)

80-Hg-199

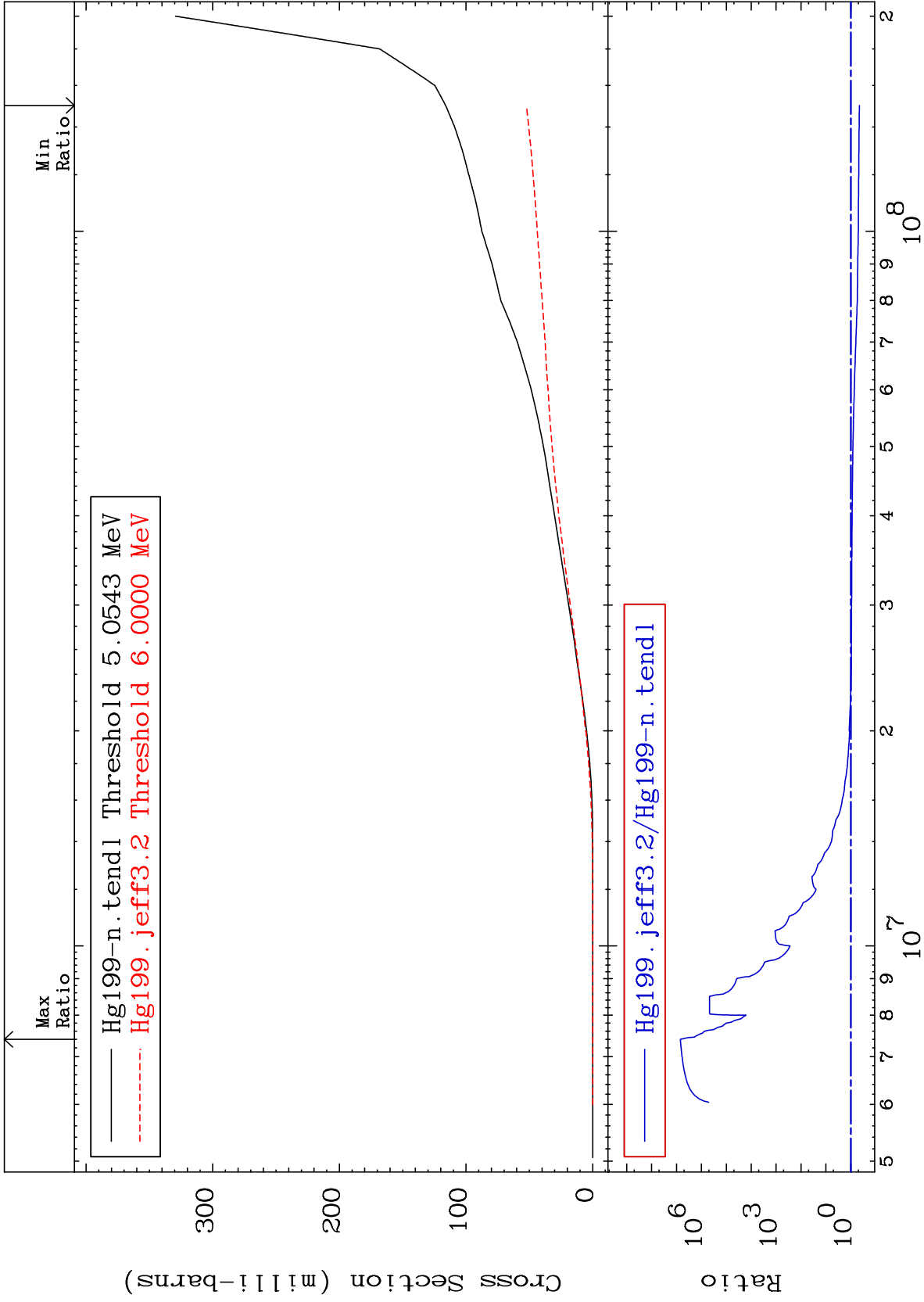
26



MAT 8034

Deuterium Production
Cross Section

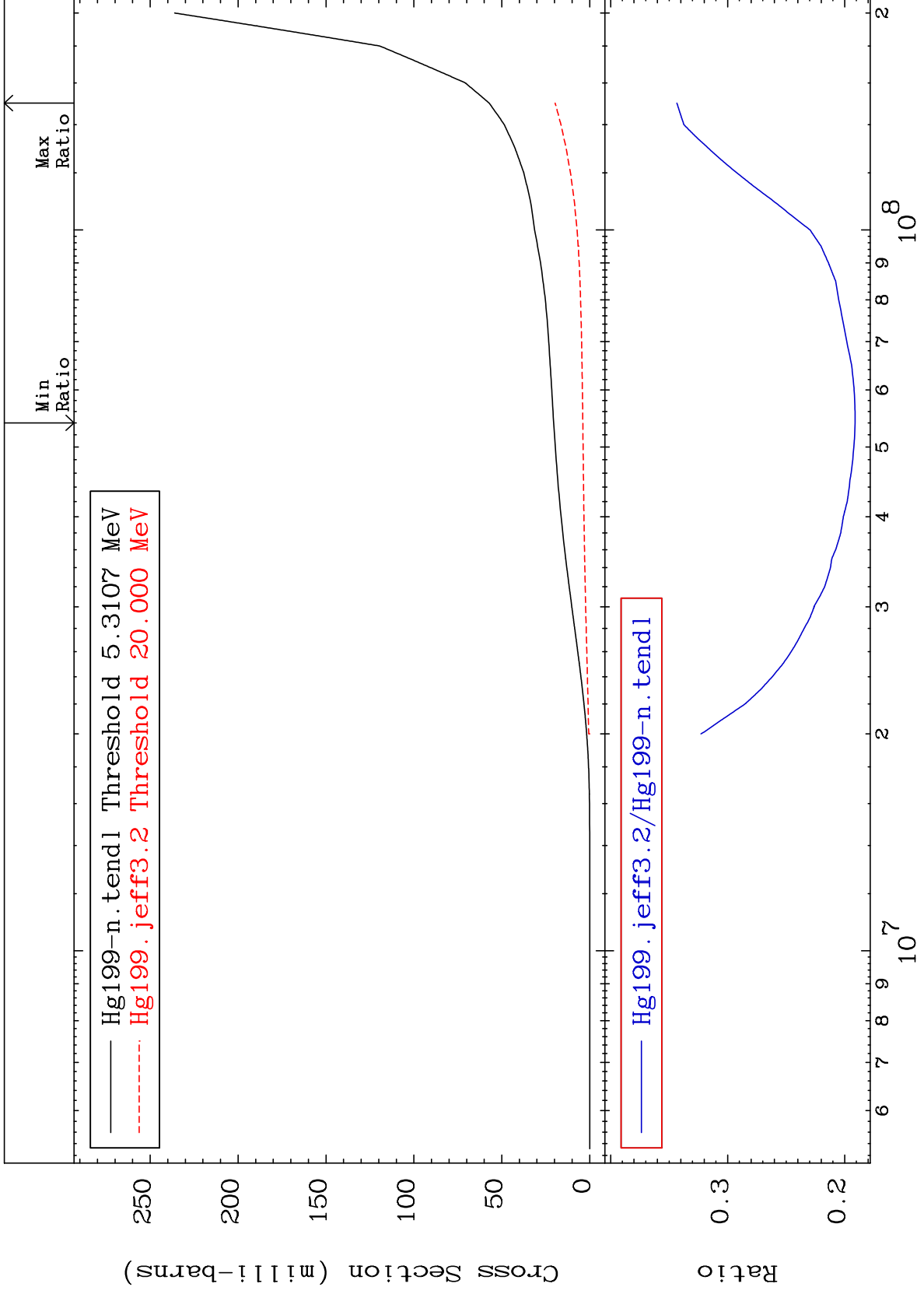
80-Hg-199
-54.93 To 9999. %



MAT 8034

Tritium Production
Cross Section

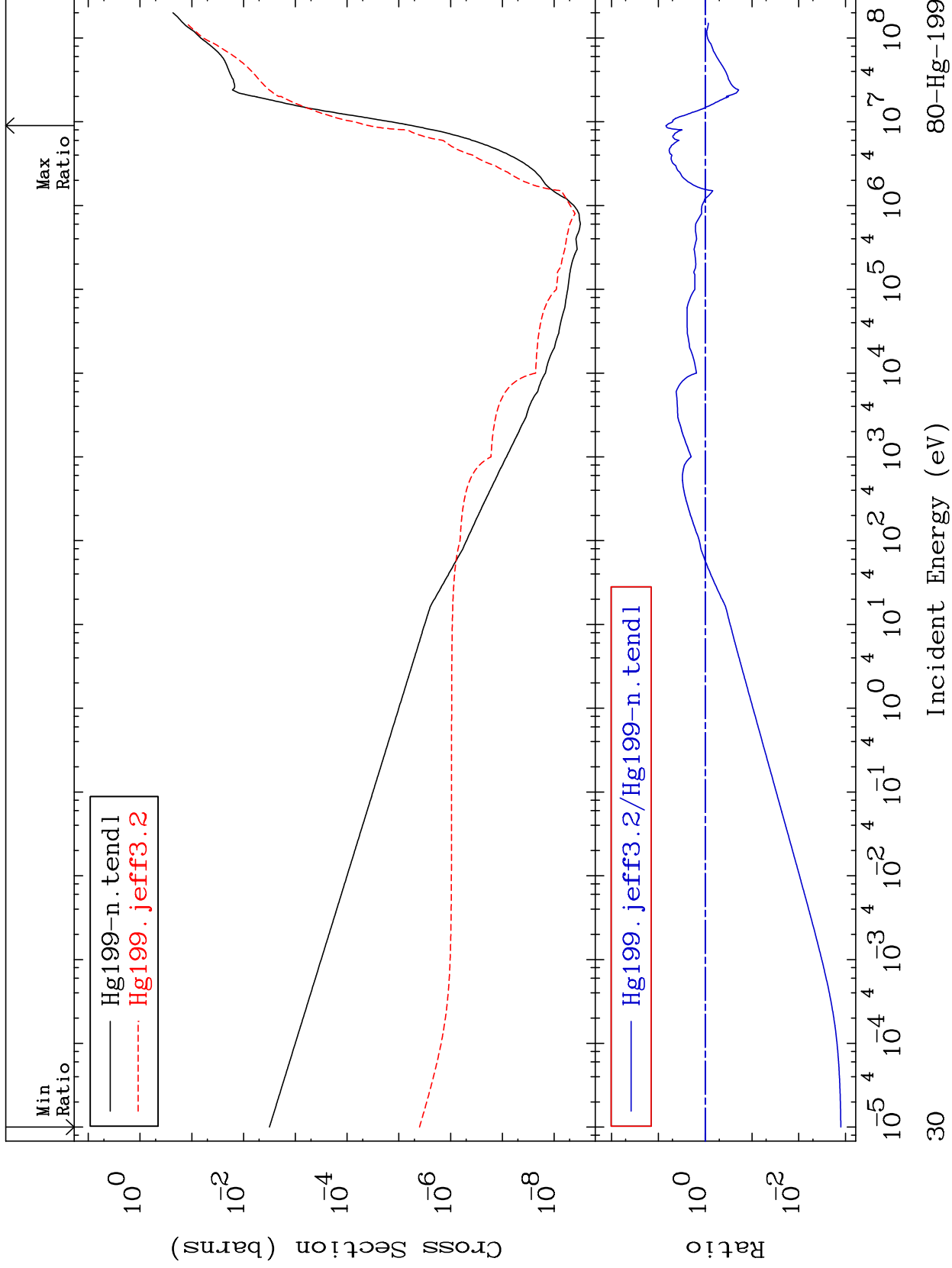
80-Hg-199
-80.89 To -65.67%



MAT 8034

He-4 Production
Cross Section

80-Hg-199
-99.87 To 589.2 %



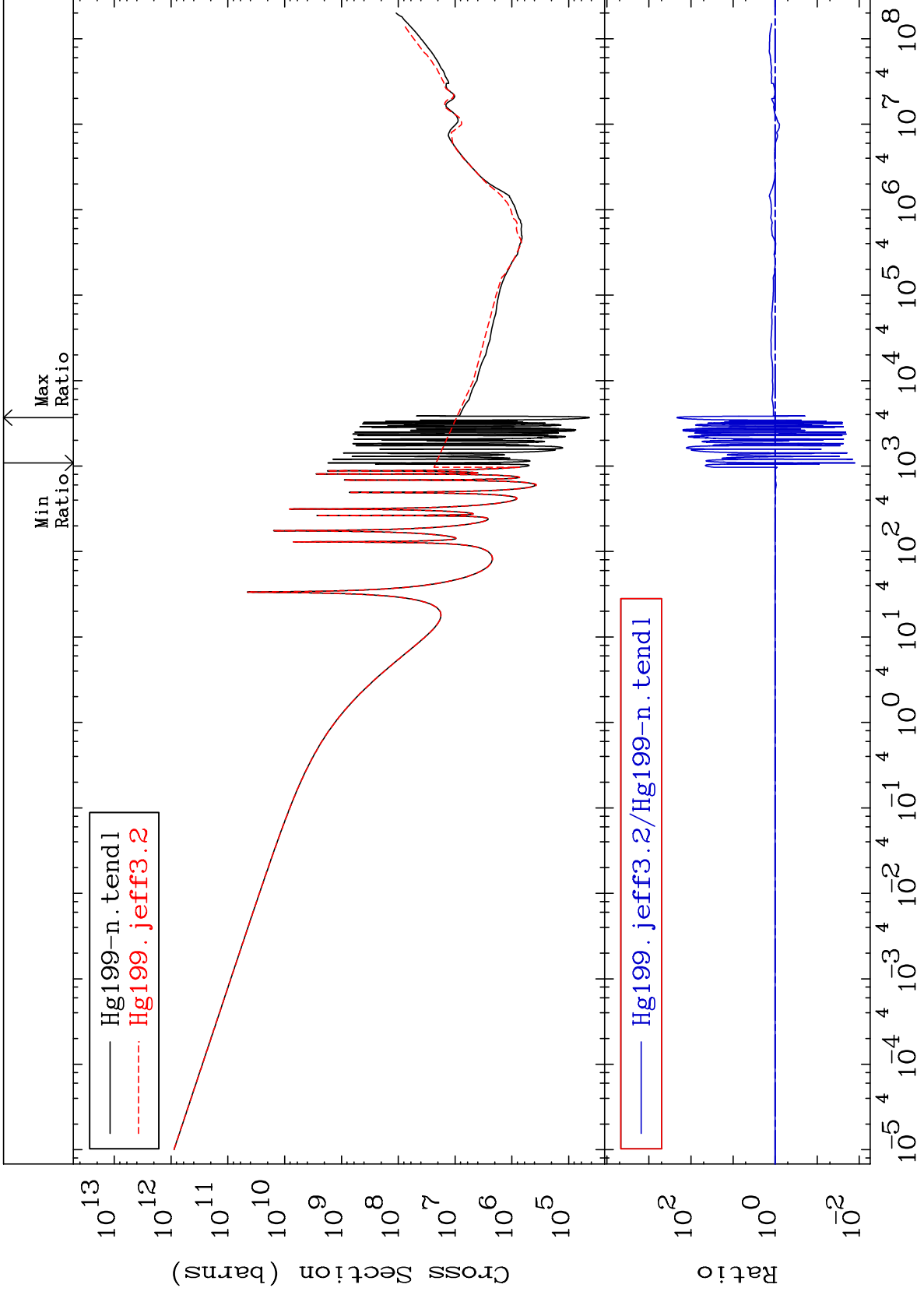
MAT 8034

Kerma total (eV-barns)

80-Hg-199

Cross Section

-98.74 To 9999. %



31

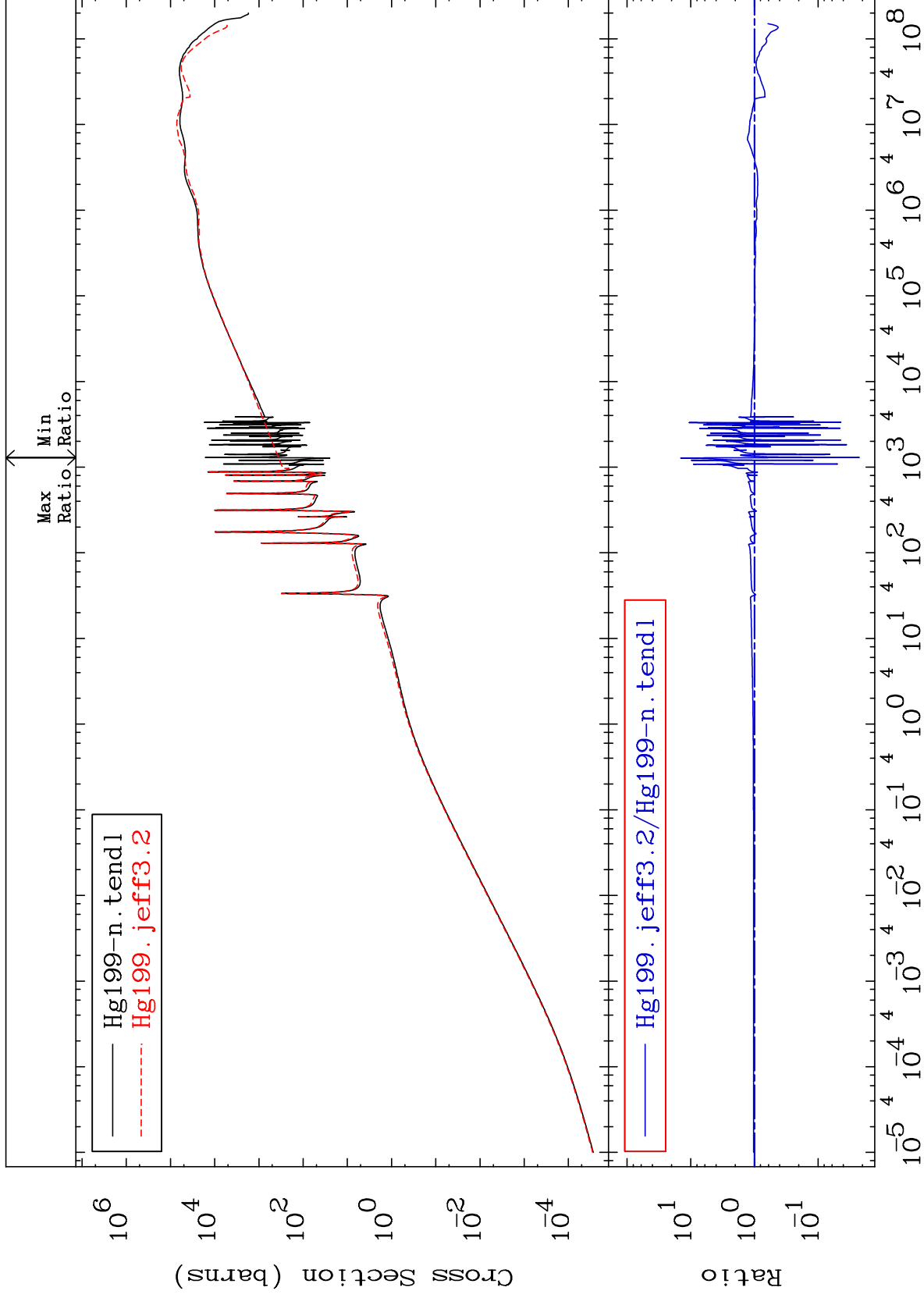
Incident Energy (eV)

80-Hg-199

MAT 8034

Kerma elastic
Cross Section

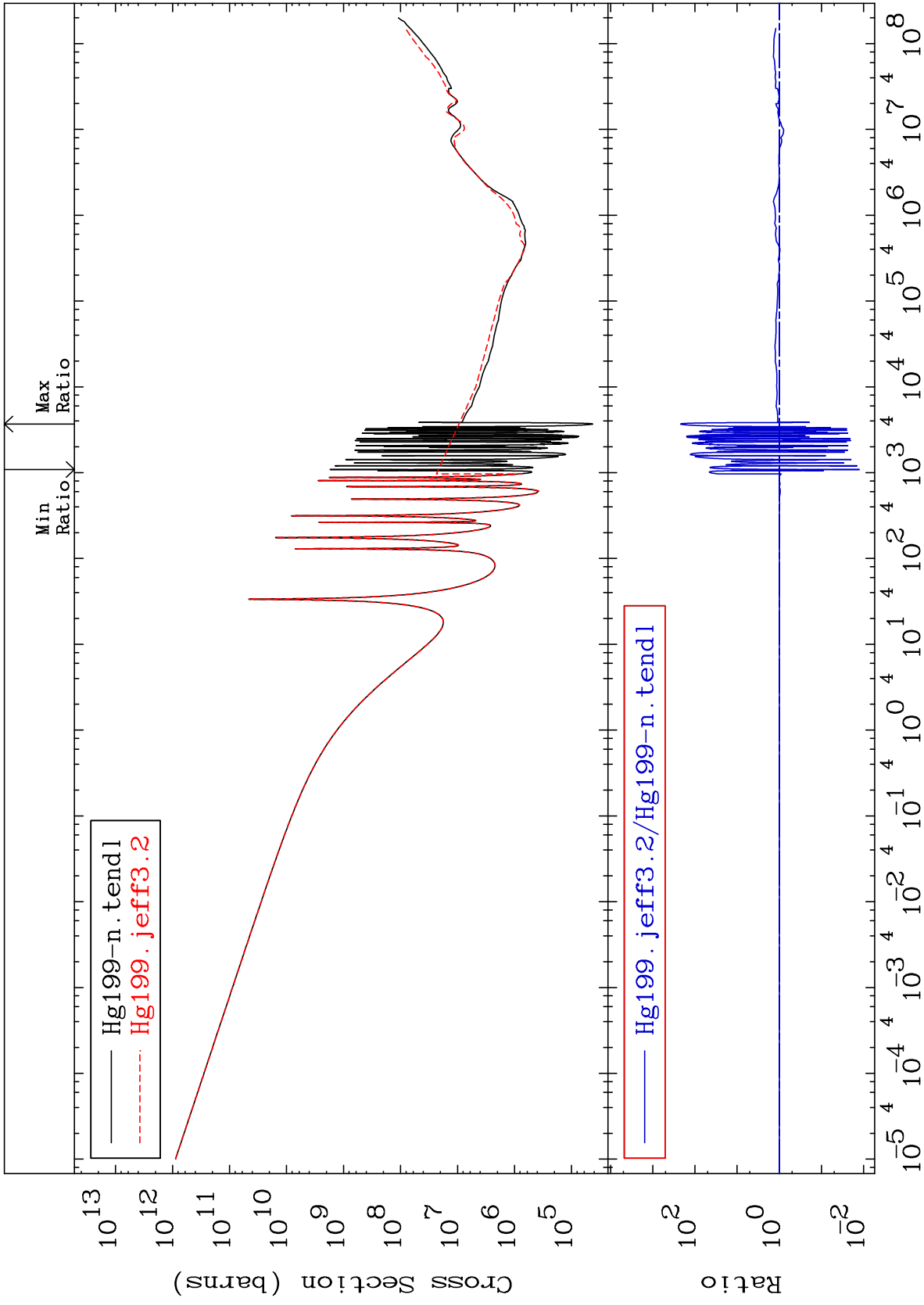
80-Hg-199
-97.77 To 1334. %



32

Incident Energy (eV)

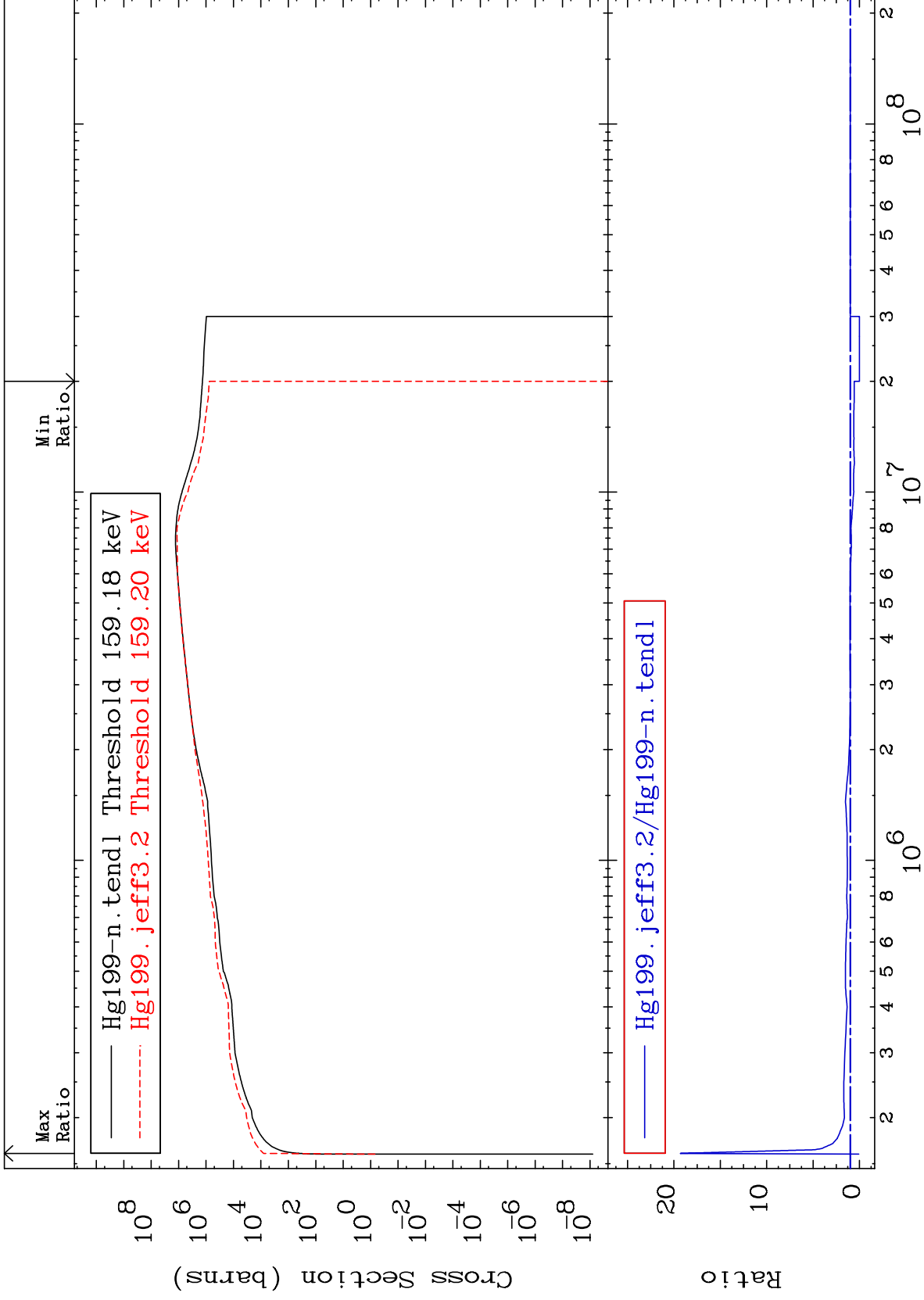
80-Hg-199



MAT 8034

Kerma inelastic (mt51-91)
Cross Section

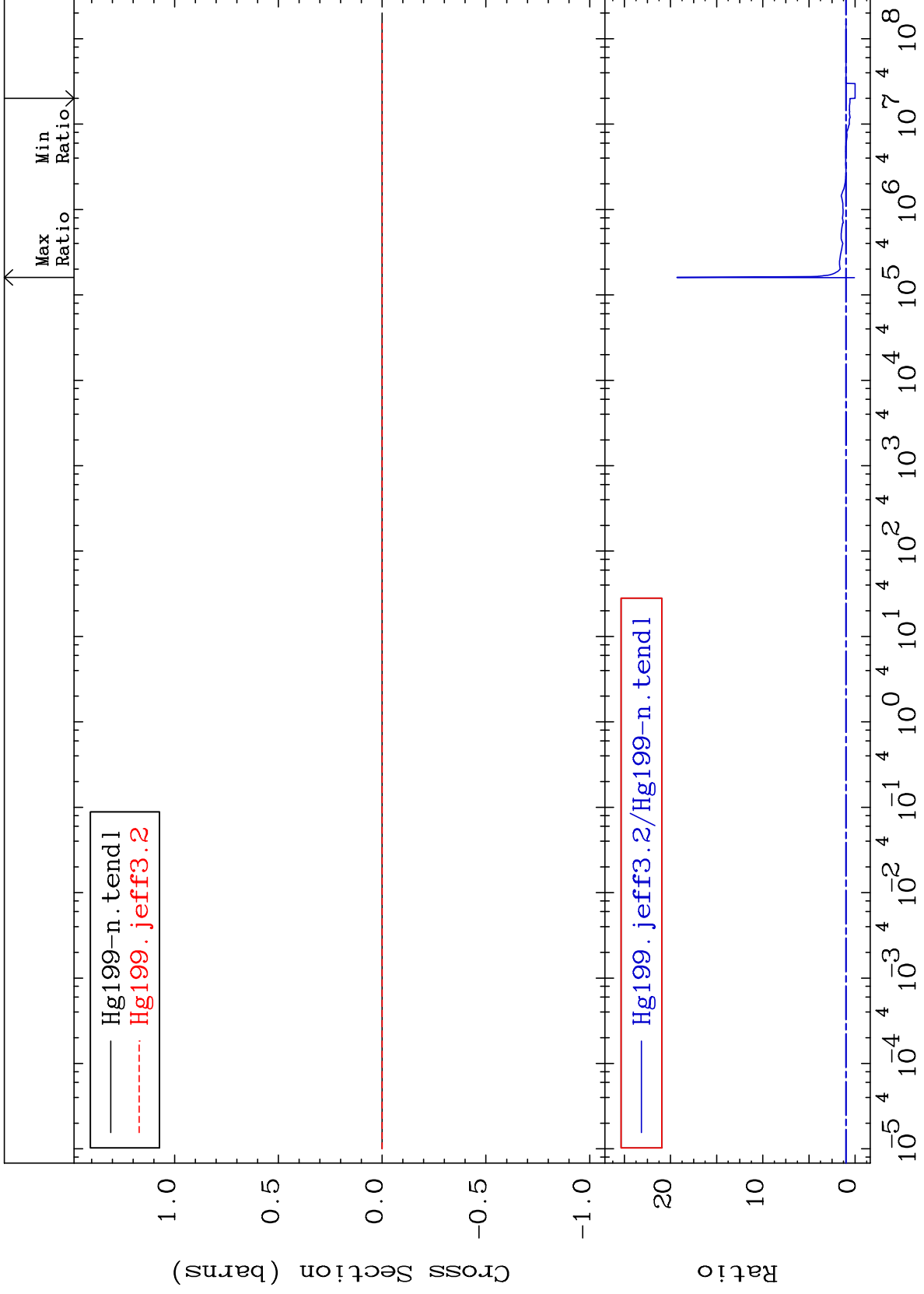
80-Hg-199
-100.0 To 1831. %



MAT 8034

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

80-Hg-199
-100.0 To 1831. %



35

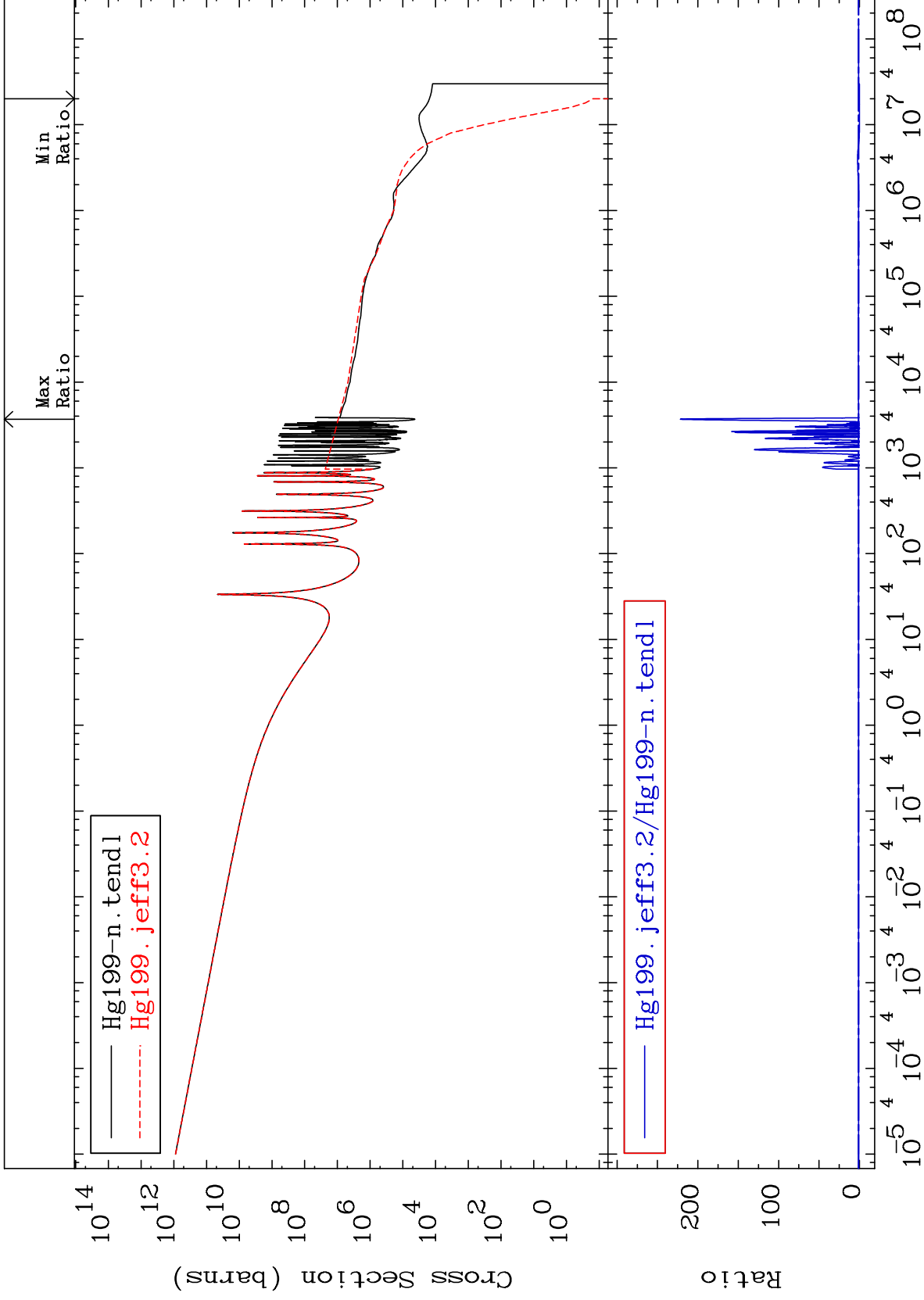
Incident Energy (eV)

80-Hg-199

MAT 8034

Kerma capture (mt102)
Cross Section

80-Hg-199
-100.0 To 9999. %



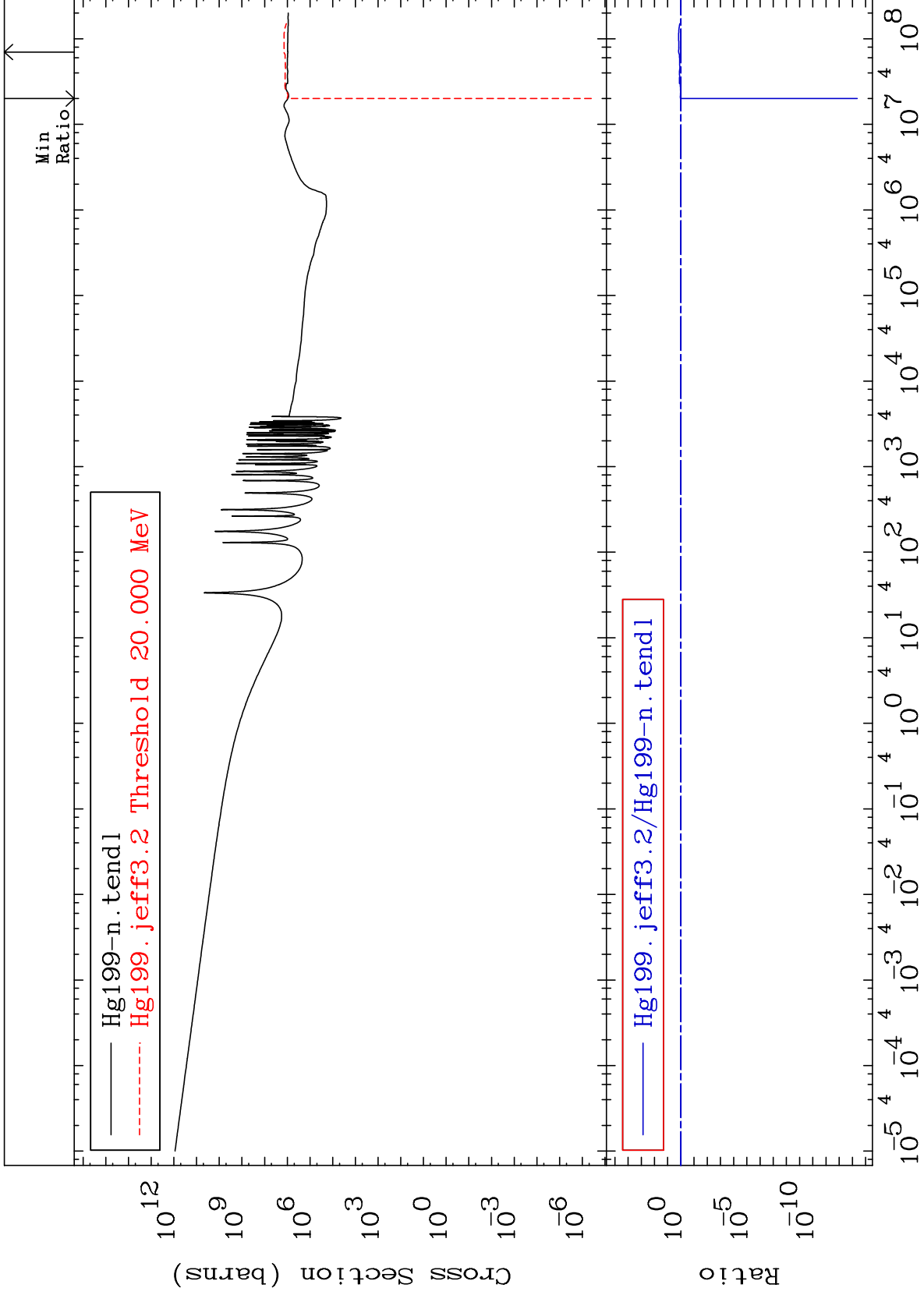
36

80-Hg-199

MAT 8034

Total photon (eV-barns)
Cross Section

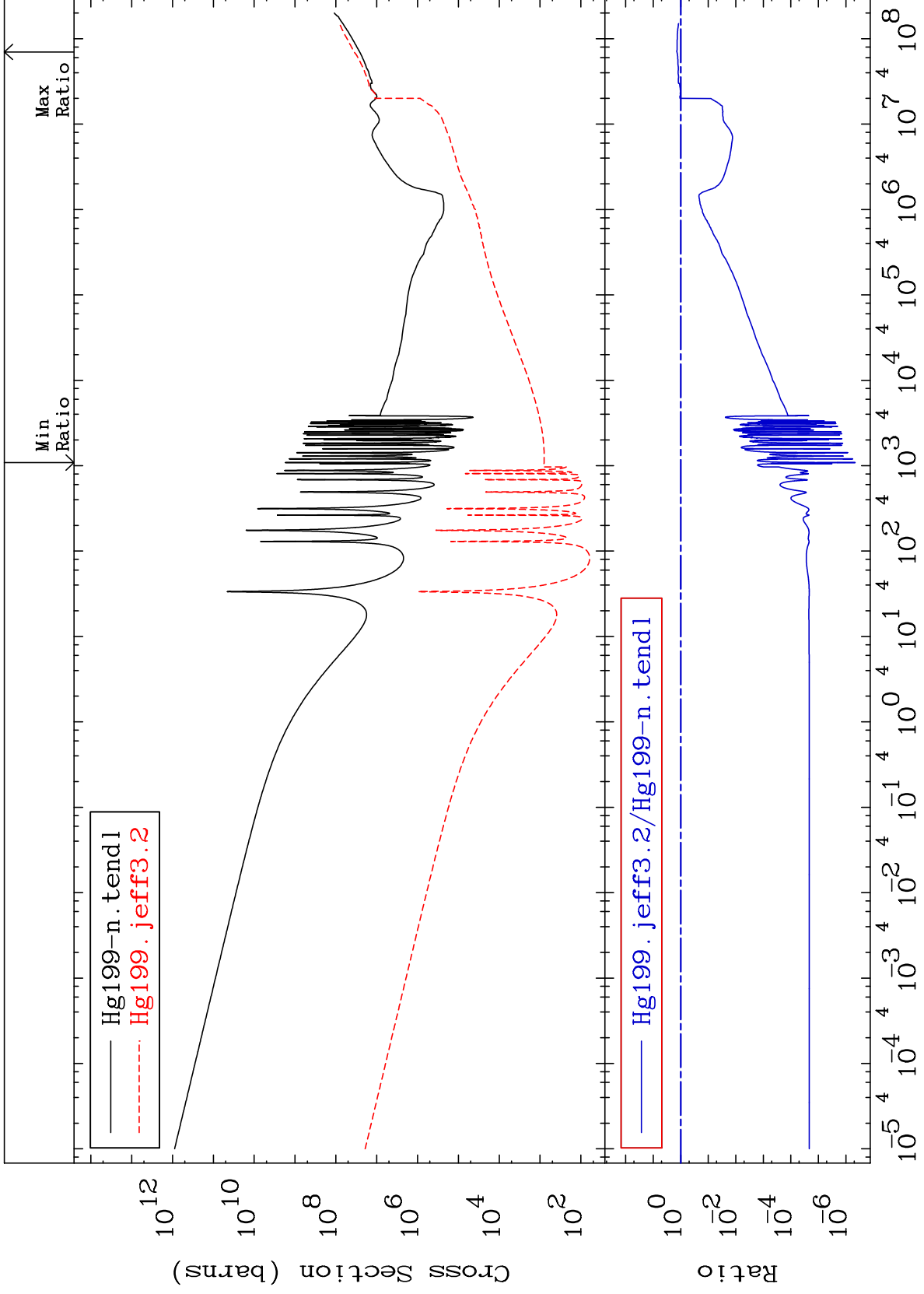
80-Hg-199
-100.0 To 47.47 %



MAT 8034

Total kinematic kerma (high limit)
Cross Section

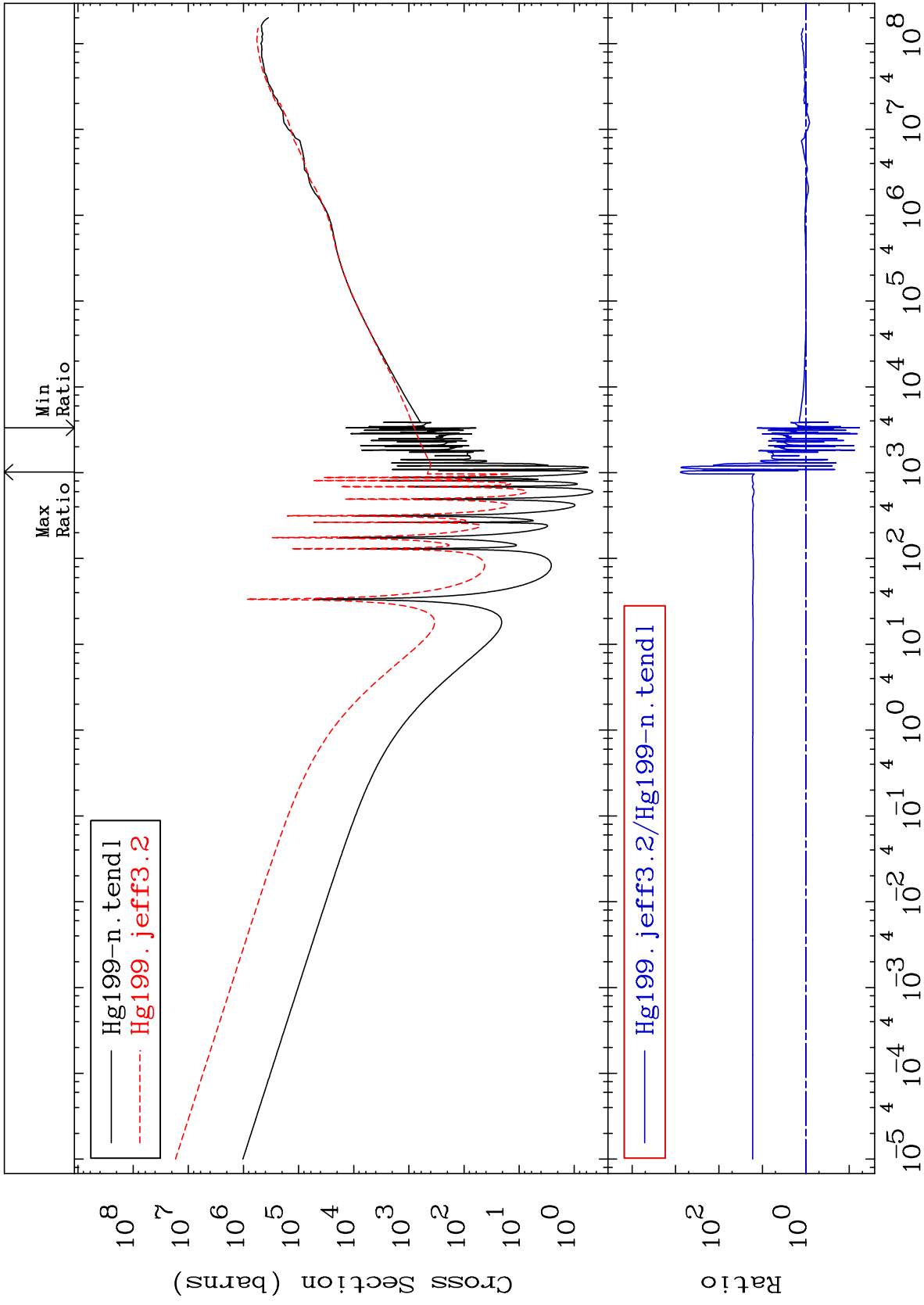
80-Hg-199
-100.0 To 37.64 %



MAT 8034

Dpa total (eV-barns)
Cross Section

80-Hg-199
-94.16 To 9999. %



39

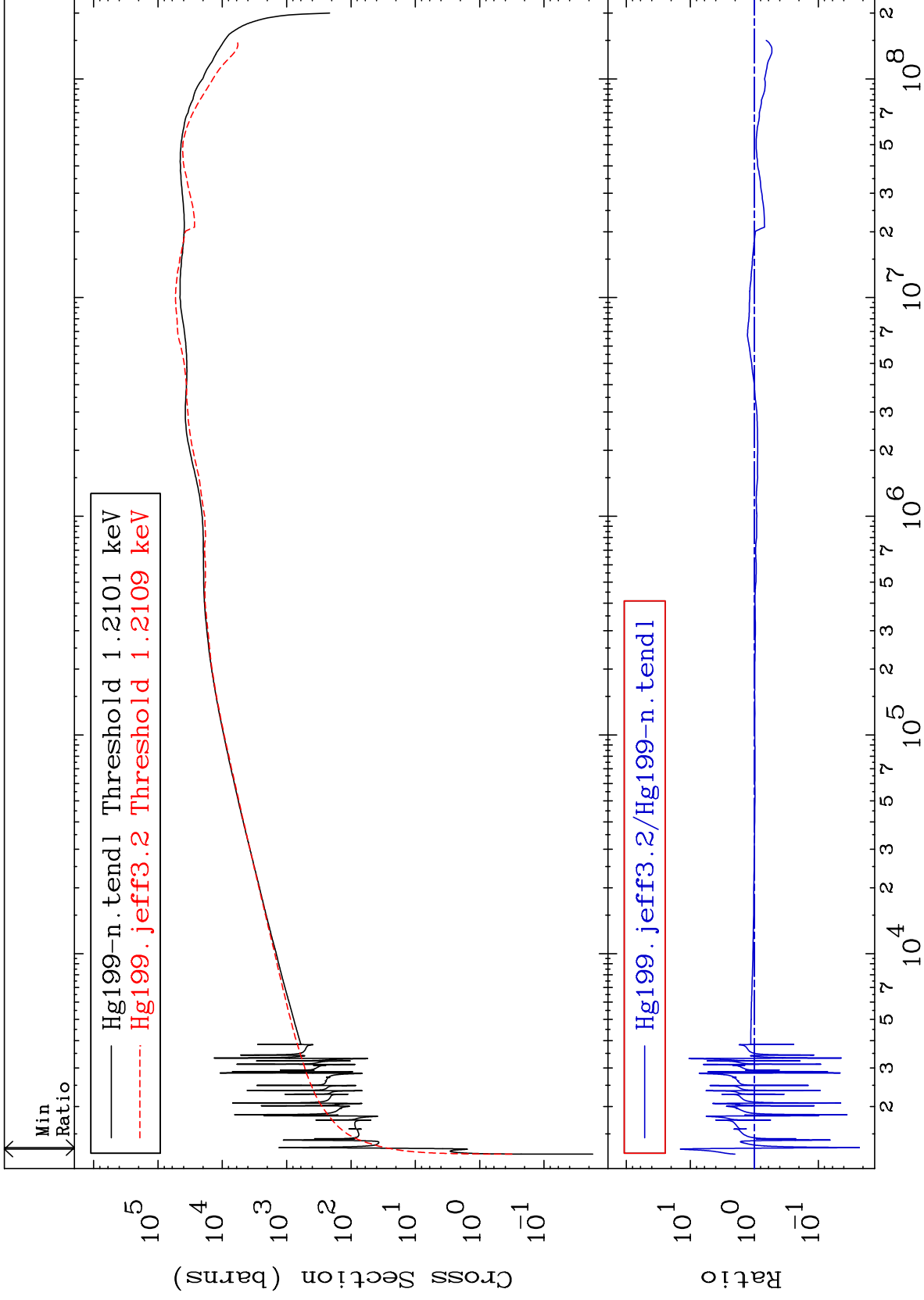
Incident Energy (eV)

80-Hg-199

MAT 8034

Dpa elastic (mt2)
Cross Section

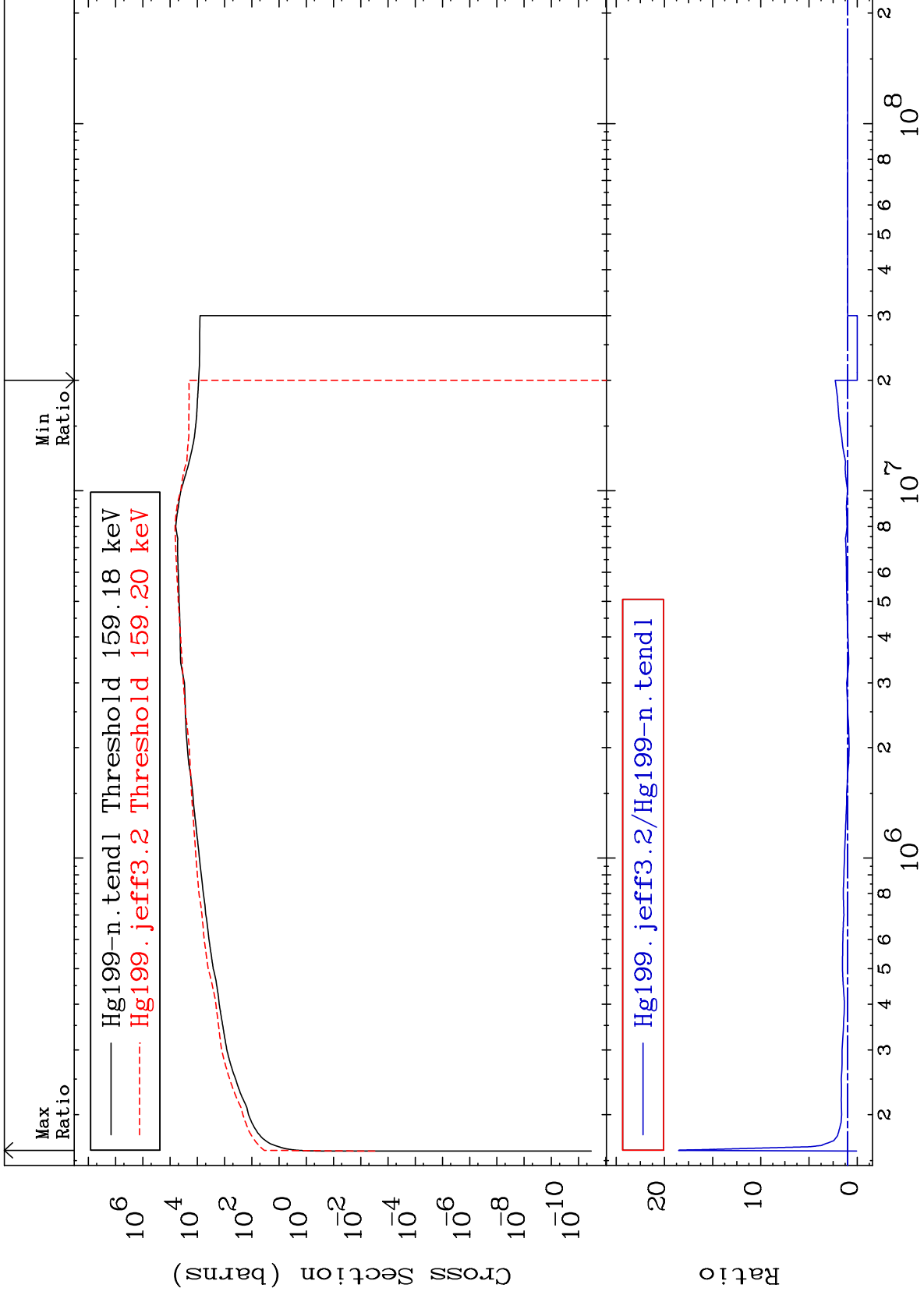
80-Hg-199
-97.73 To 1333. %



MAT 8034

Dpa inelastic (mt51-91)
Cross Section

80-Hg-199
-100.0 To 1753. %



MAT 8034

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-199
-100.0 To 9999. %

