

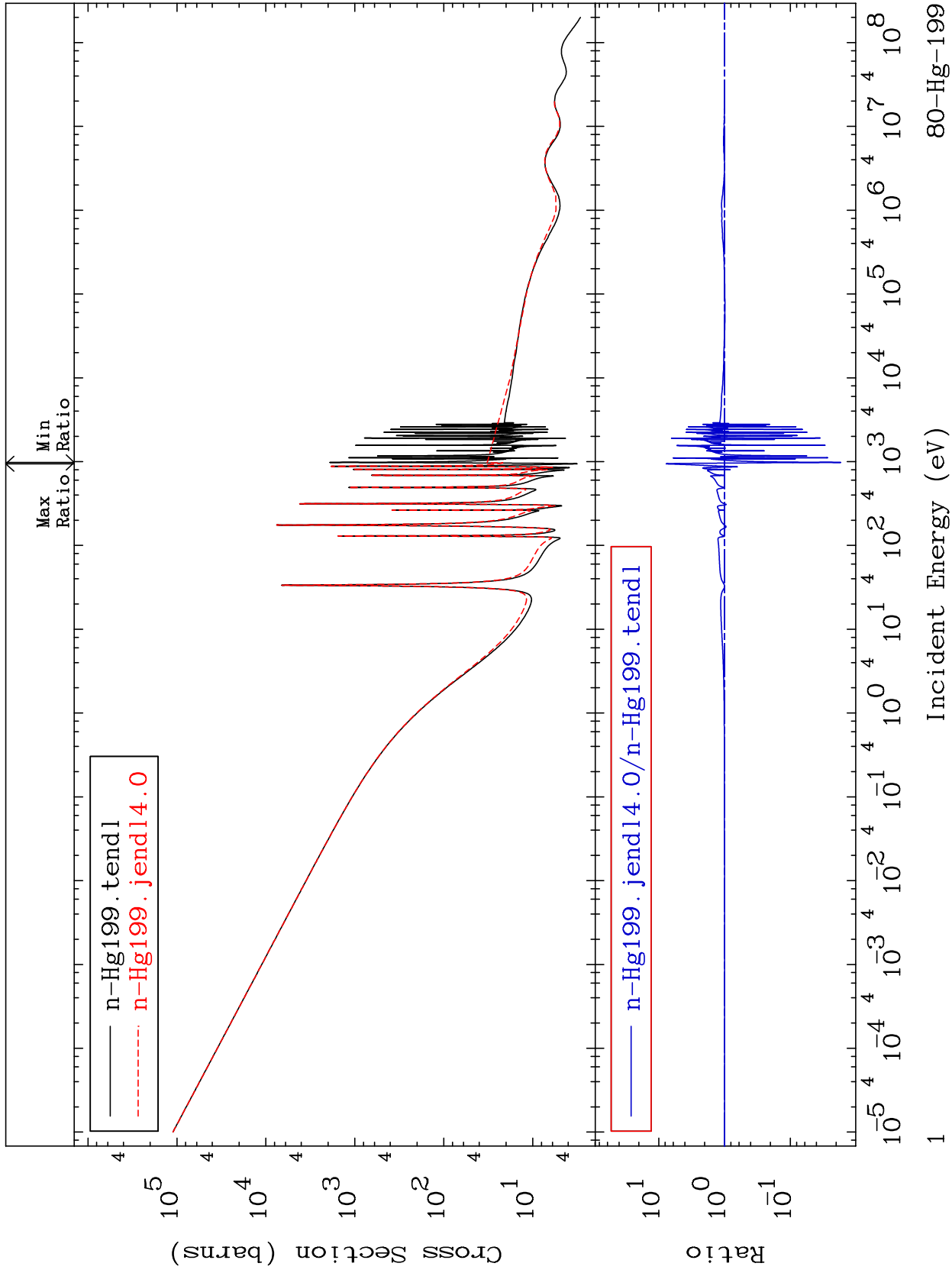
MAT 8034

Total

80-Hg-199

Cross Section

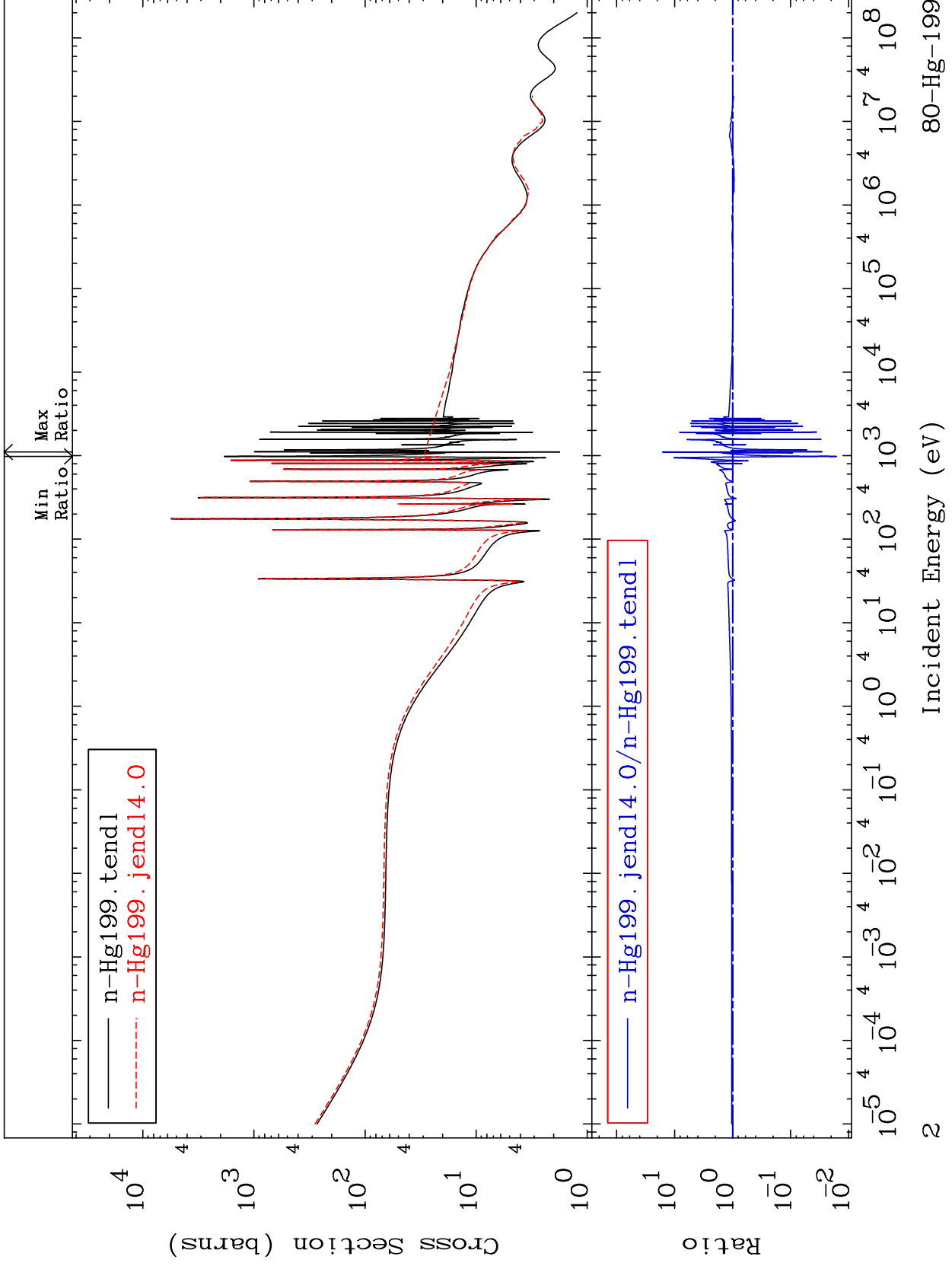
-98.30 To 675.9 %



MAT 8034

Elastic
Cross Section

80-Hg-199
-98.39 To 1530. %



2

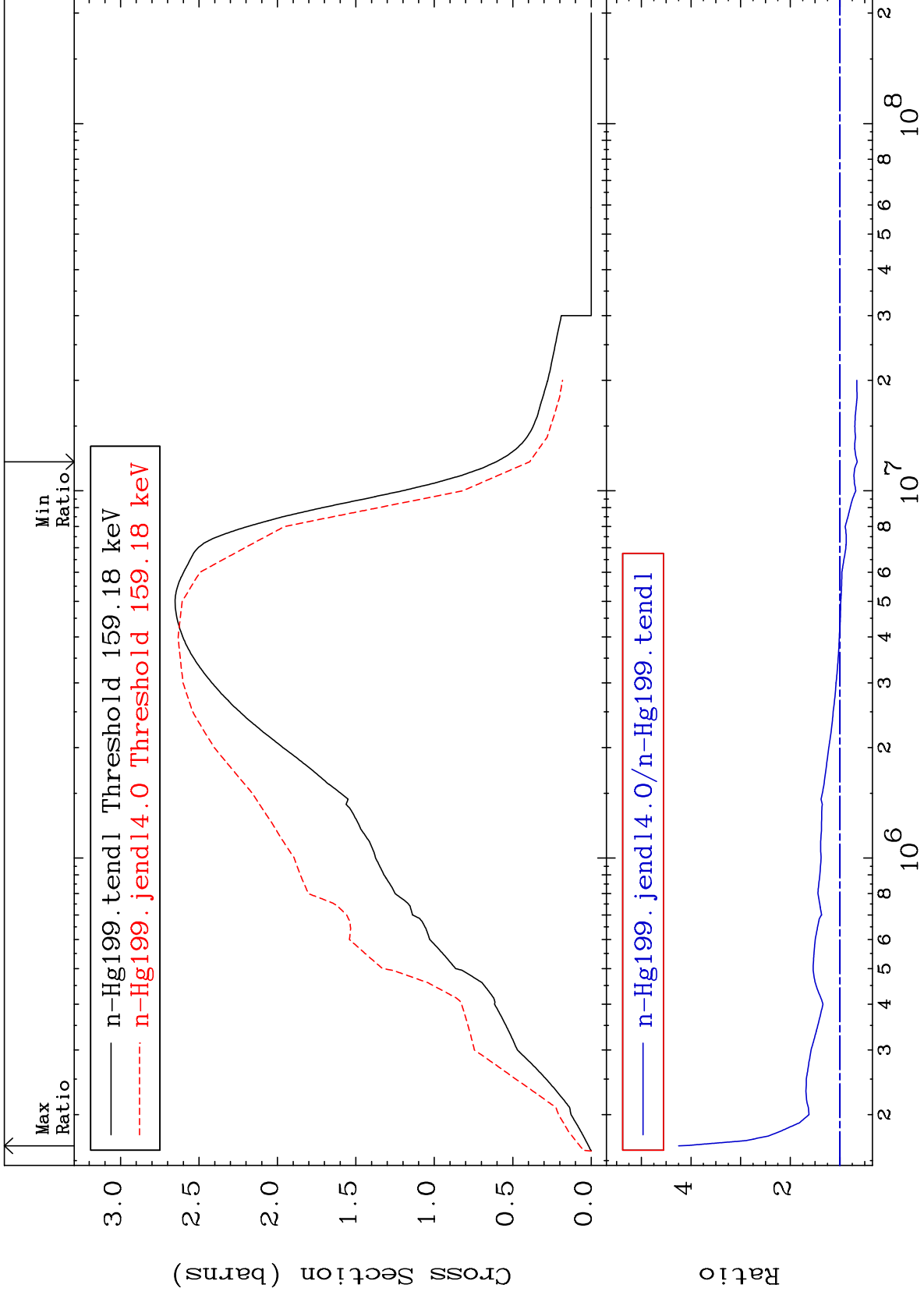
Incident Energy (eV)

80-Hg-199

MAT 8034

Inelastic
Cross Section

80-Hg-199
-35.00 To 324.9 %



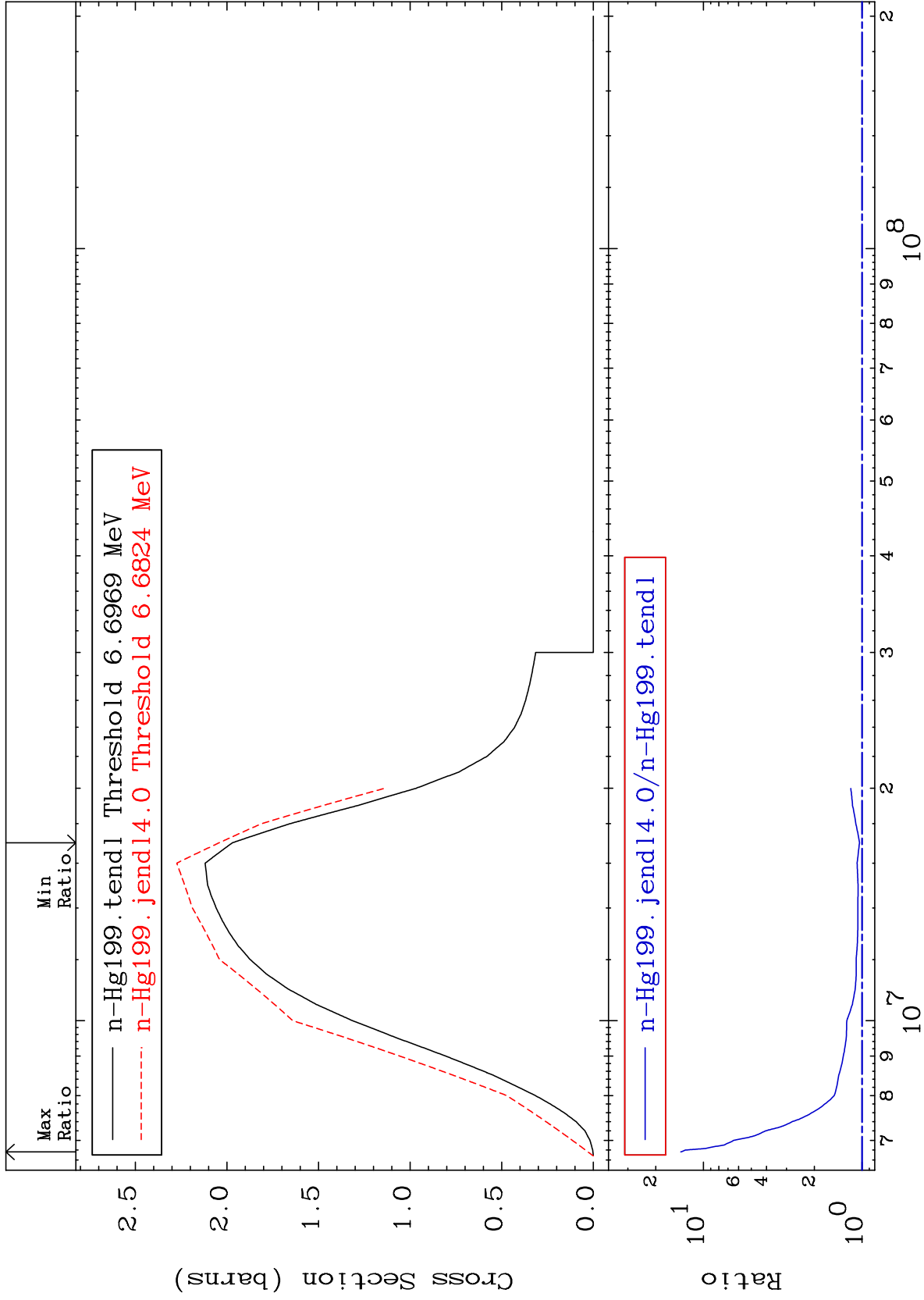
MAT 8034

(n,2n)

80-Hg-199

Cross Section

3.642 To 1291. %



4

Incident Energy (eV)

80-Hg-199

MAT 8034

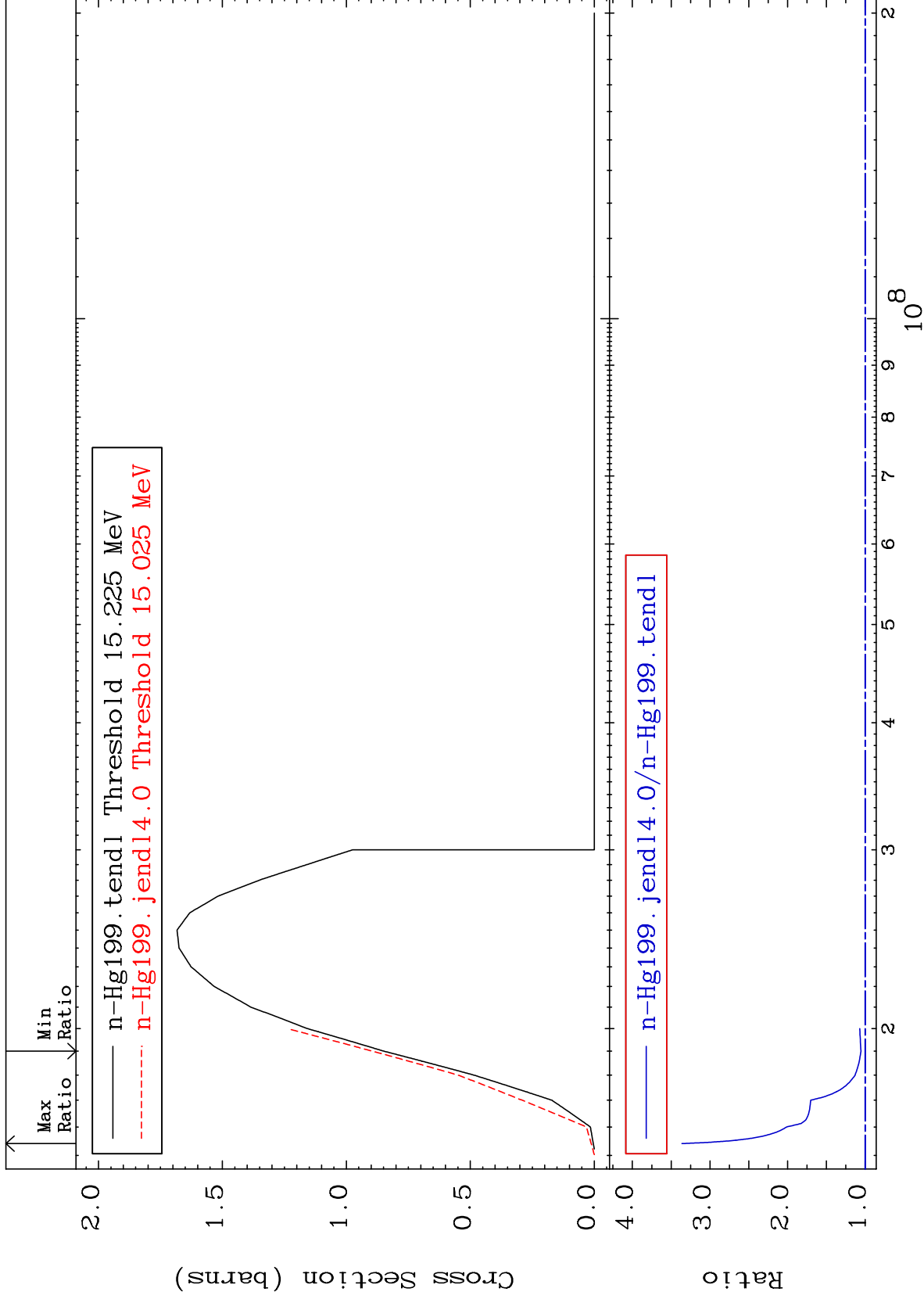
(n,3n)

80-Hg-199

Cross Section

5.461

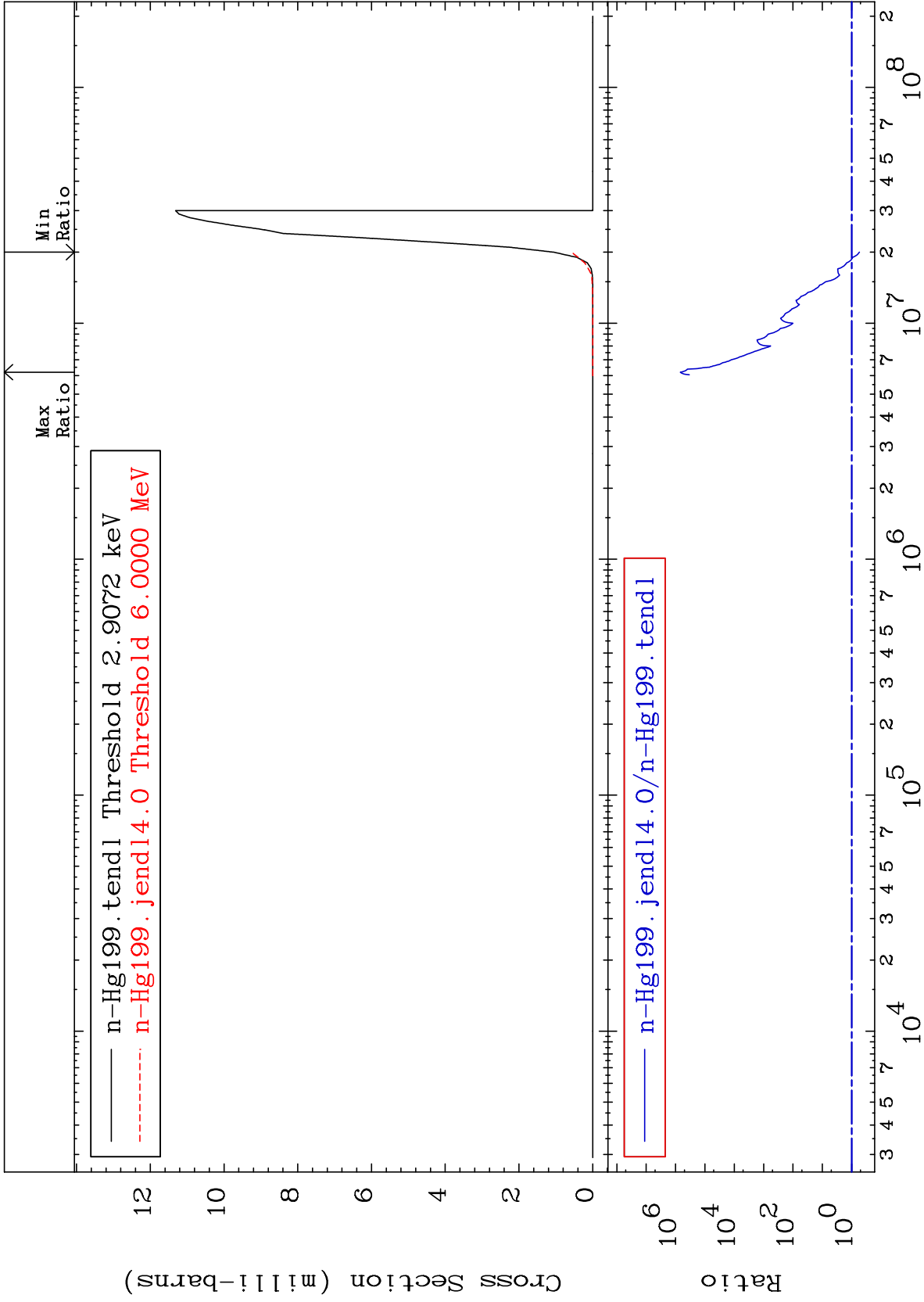
To 236.1 %



MAT 8034

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

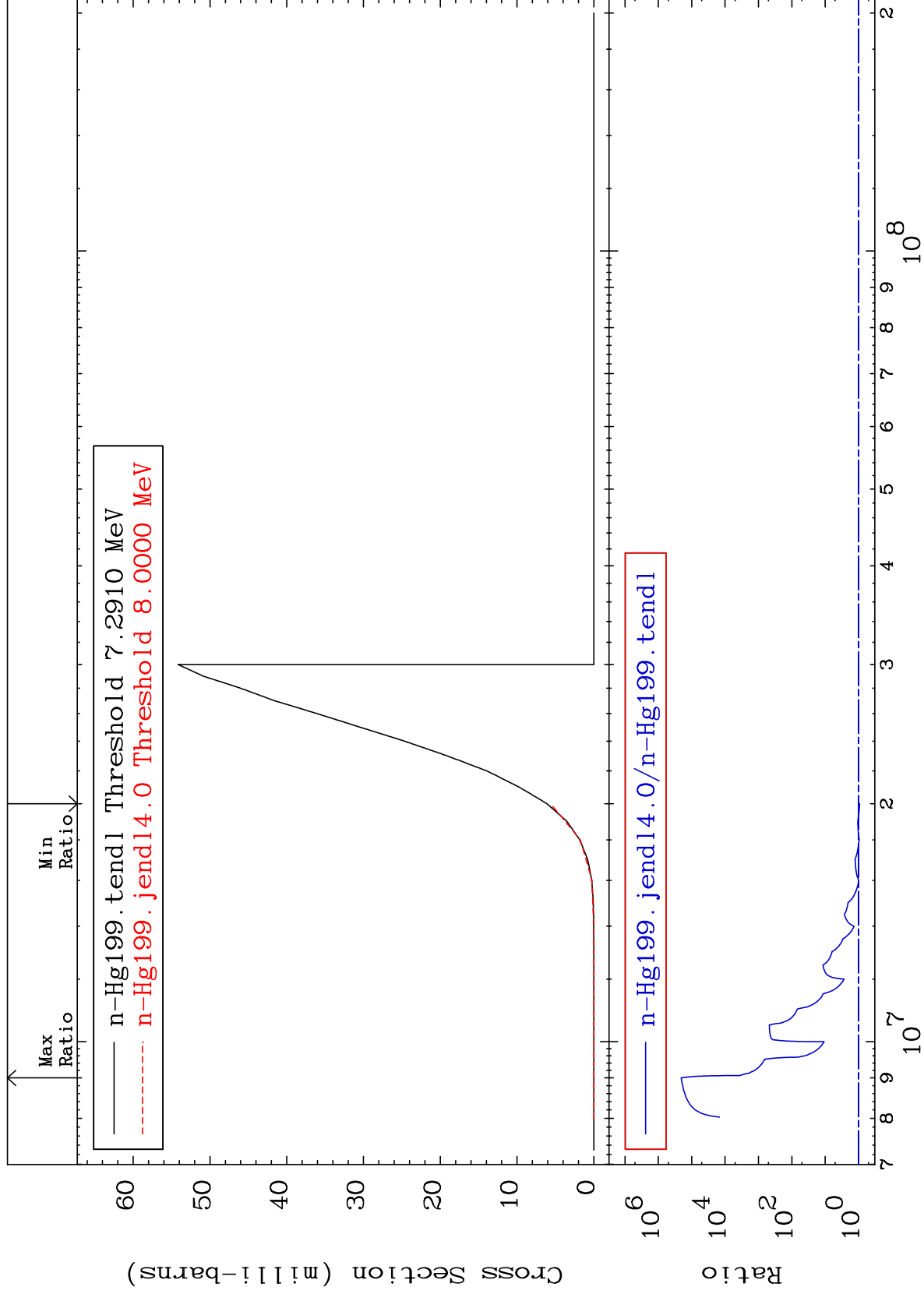
80-Hg-199
-45.49 To 9999. %



MAT 8034

(n,n') p
Cross Section

80-Hg-199
-7.328 To 9999. %



Incident Energy (eV)

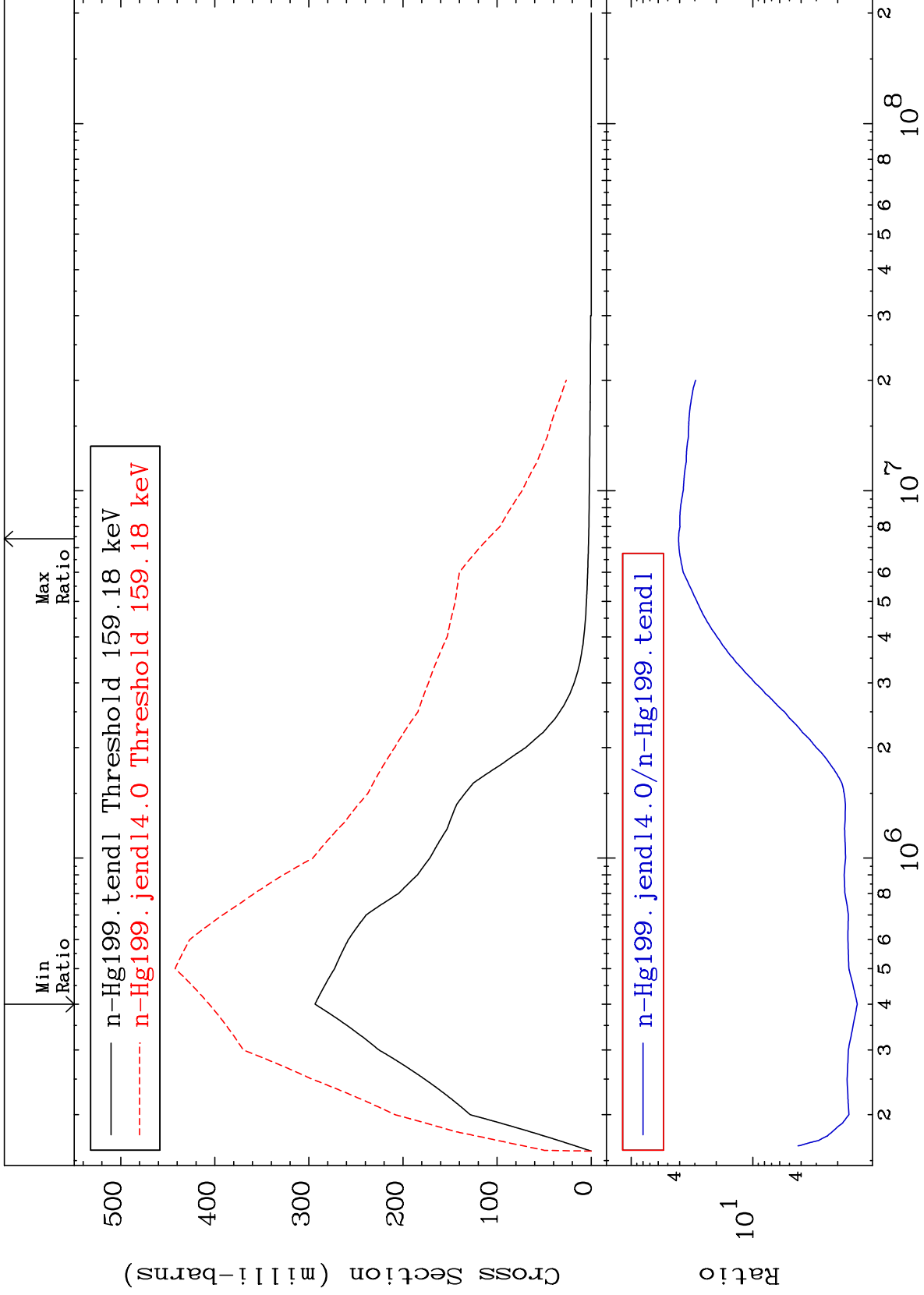
80-Hg-199

7

MAT 8034

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

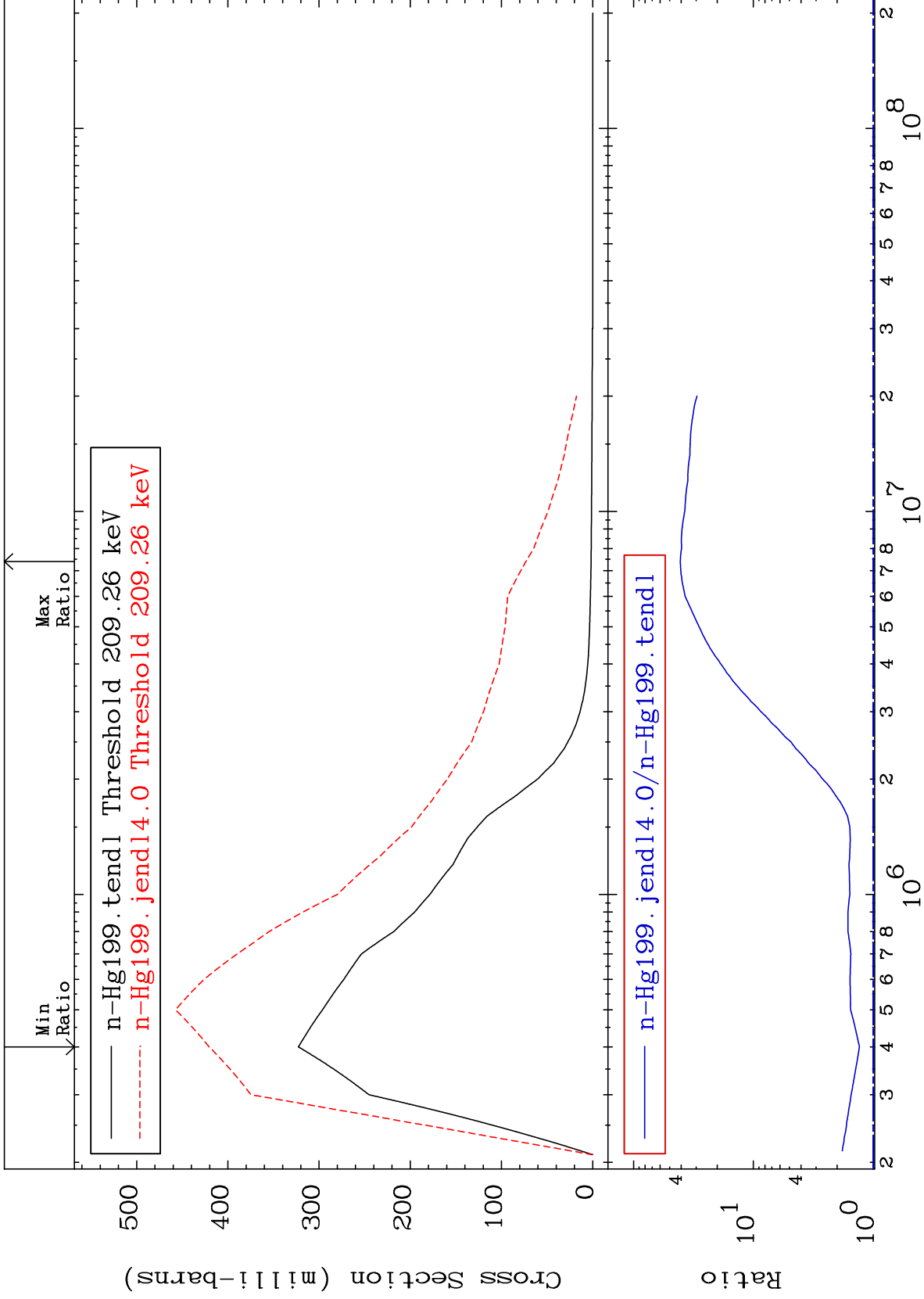
80-Hg-199
38.30 To 3969. %



MAT 8034

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

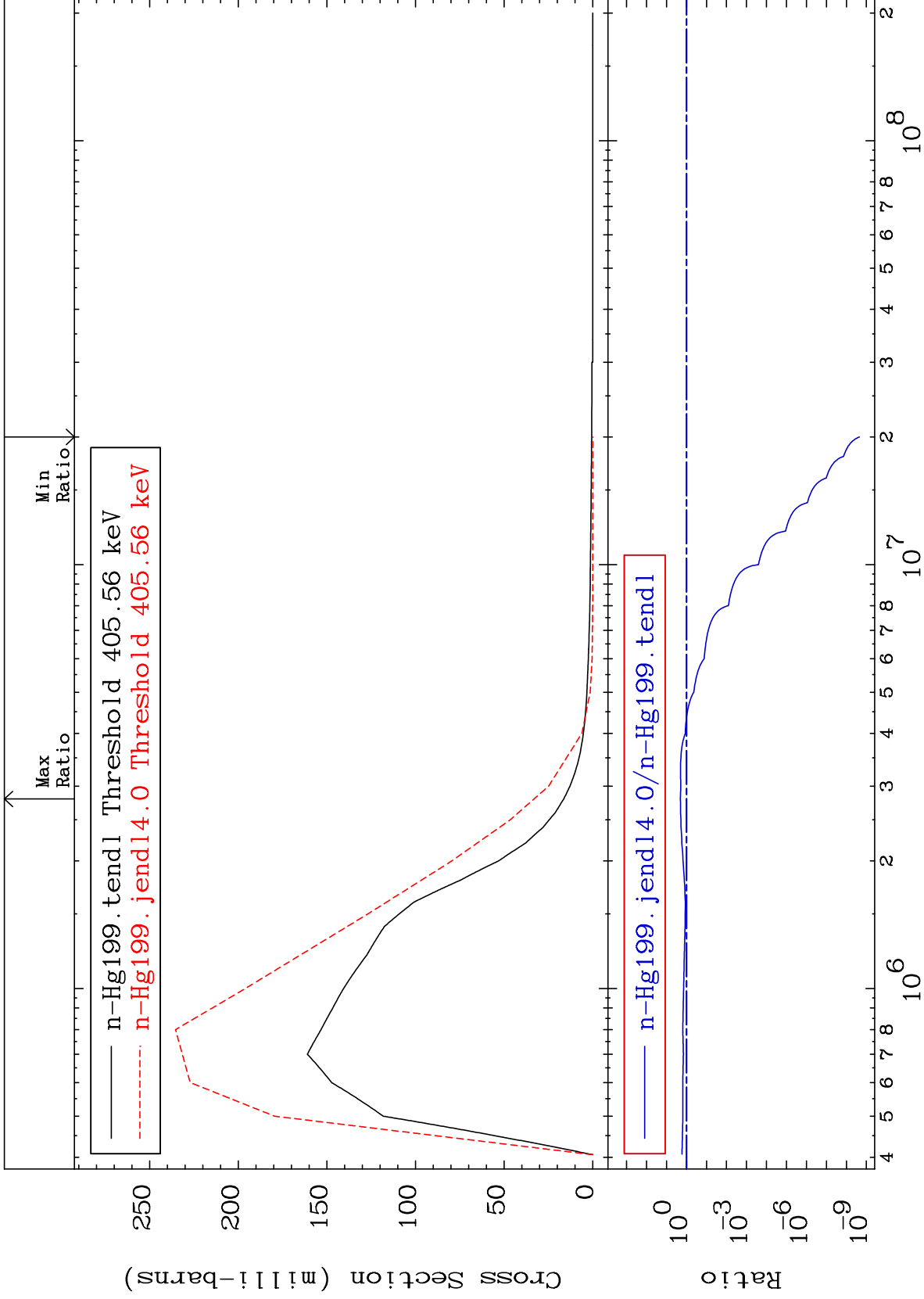
80-Hg-199
30.33 To 3968. %



MAT 8034

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

80-Hg-199
-100.0 To 103.2 %



10

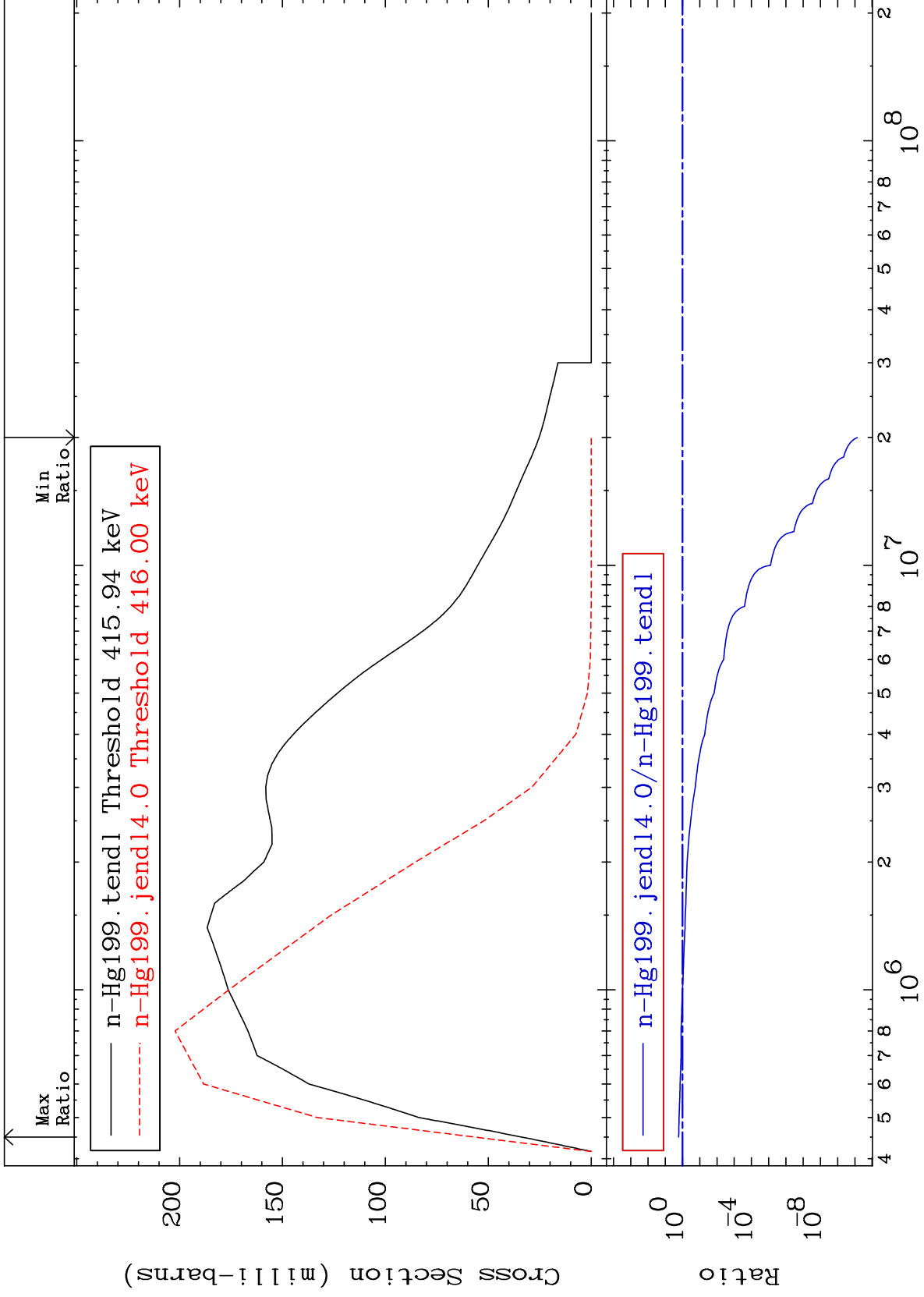
Incident Energy (eV)

80-Hg-199

MAT 8034

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

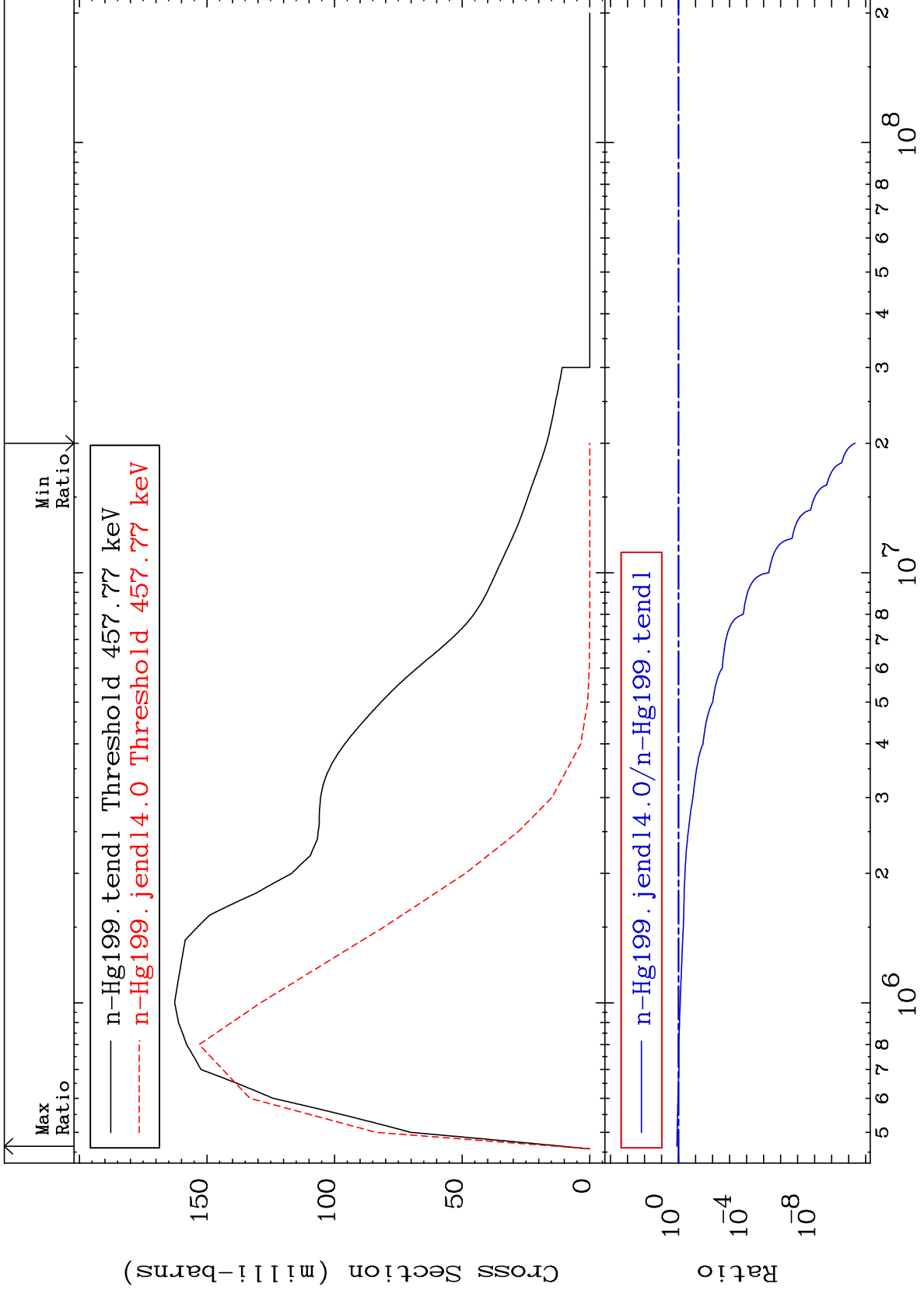
80-Hg-199
-100.0 To 67.59 %



MAT 8034

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

80-Hg-199
-100.0 To 23.12 %



12

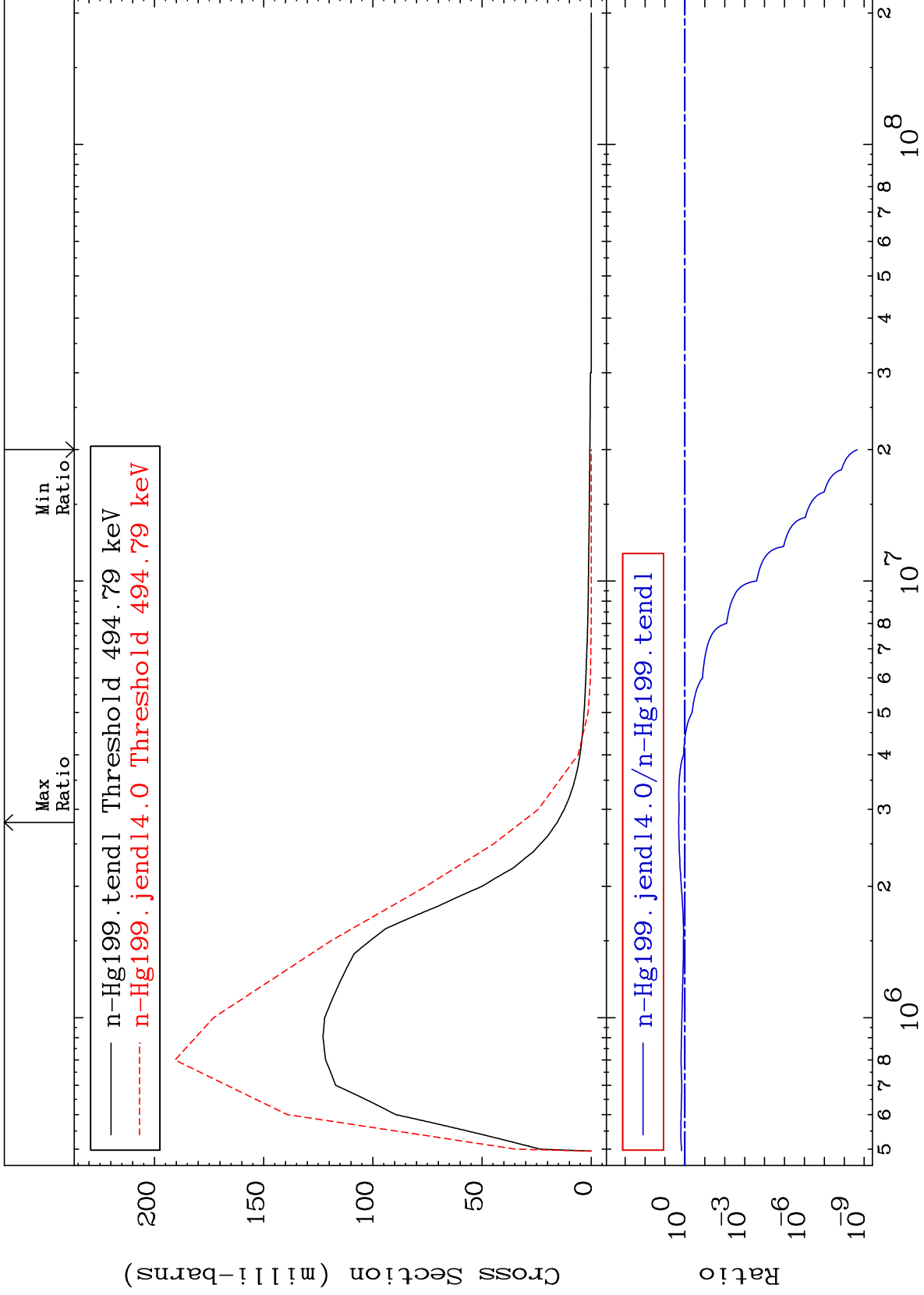
Incident Energy (eV)

80-Hg-199

MAT 8034

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

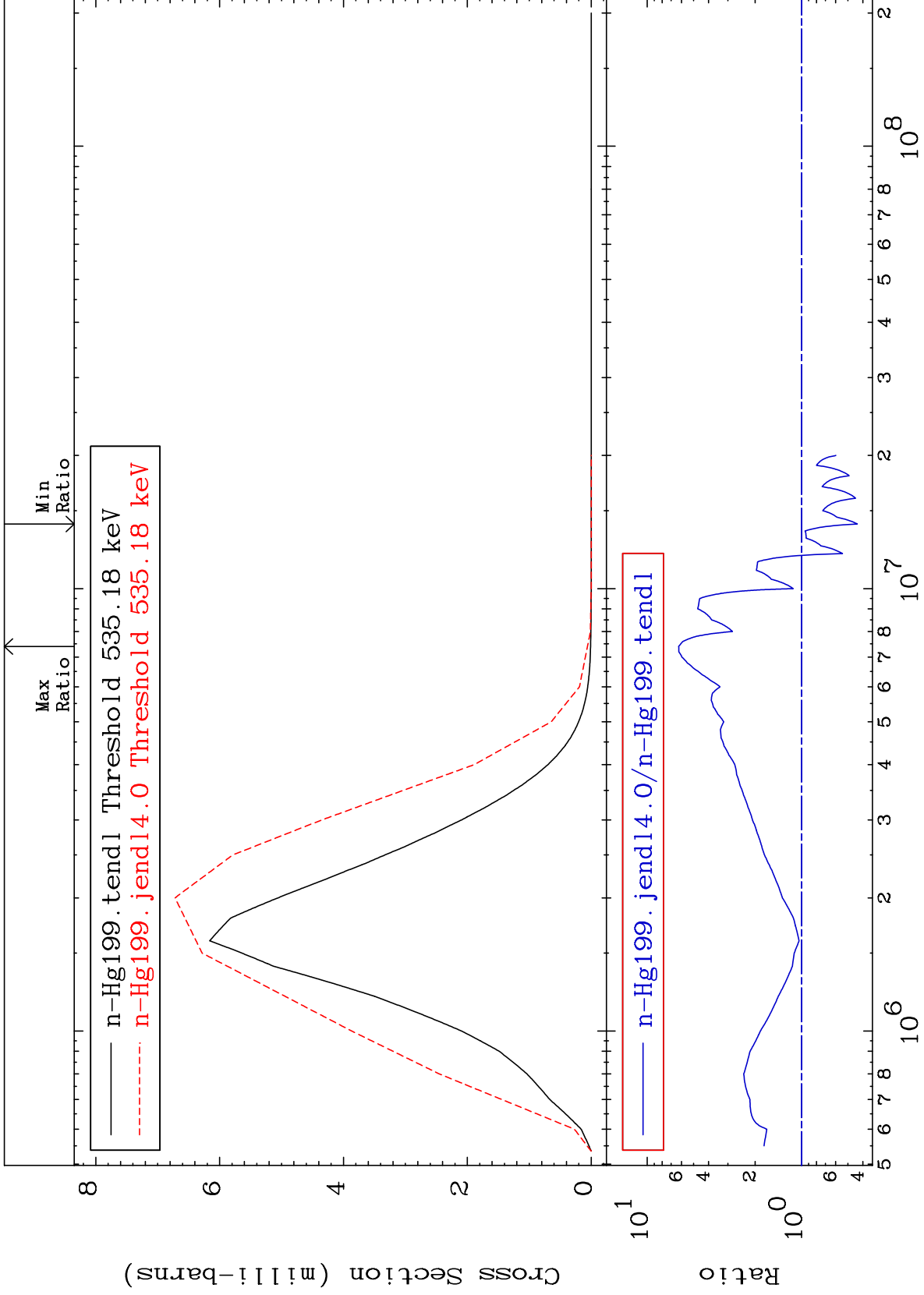
80-Hg-199
-100.0 To 105.5 %



MAT 8034

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

80-Hg-199
-56.53 To 525.7 %



14

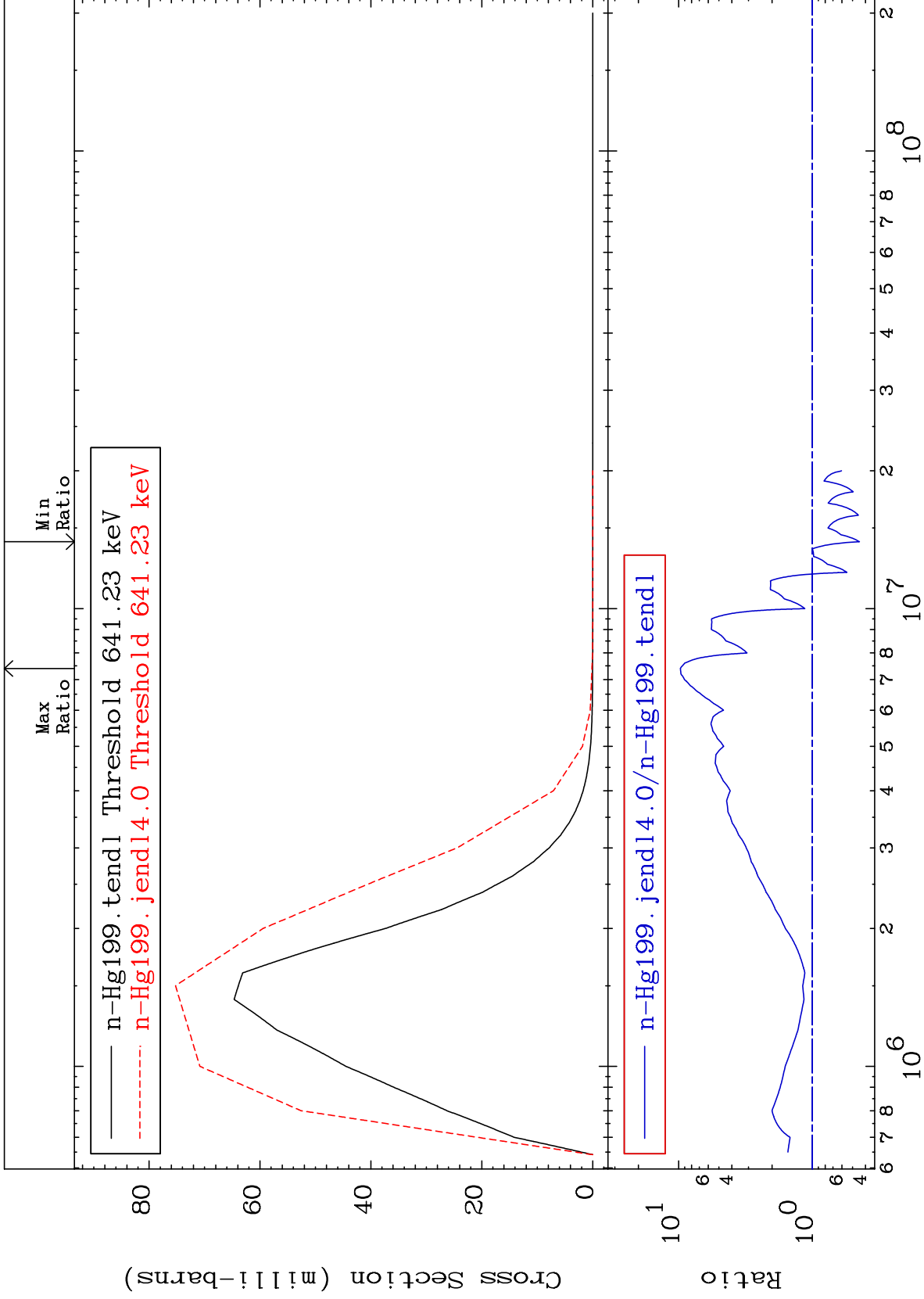
Incident Energy (eV)

80-Hg-199

MAT 8034

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

80-Hg-199
-55.64 To 869.4 %



15

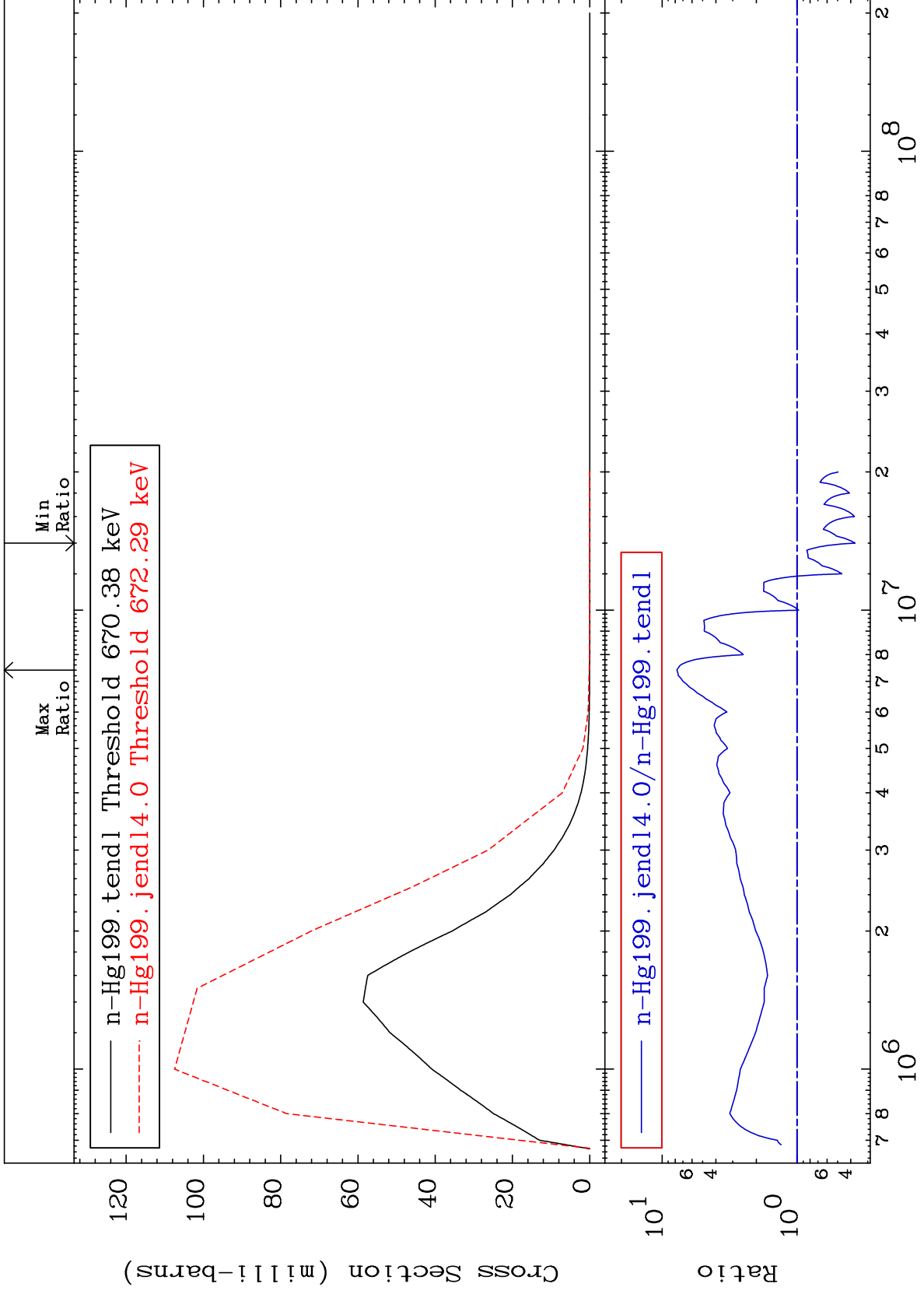
Incident Energy (eV)

80-Hg-199

MAT 8034

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

80-Hg-199
-62.84 To 676.1 %



16

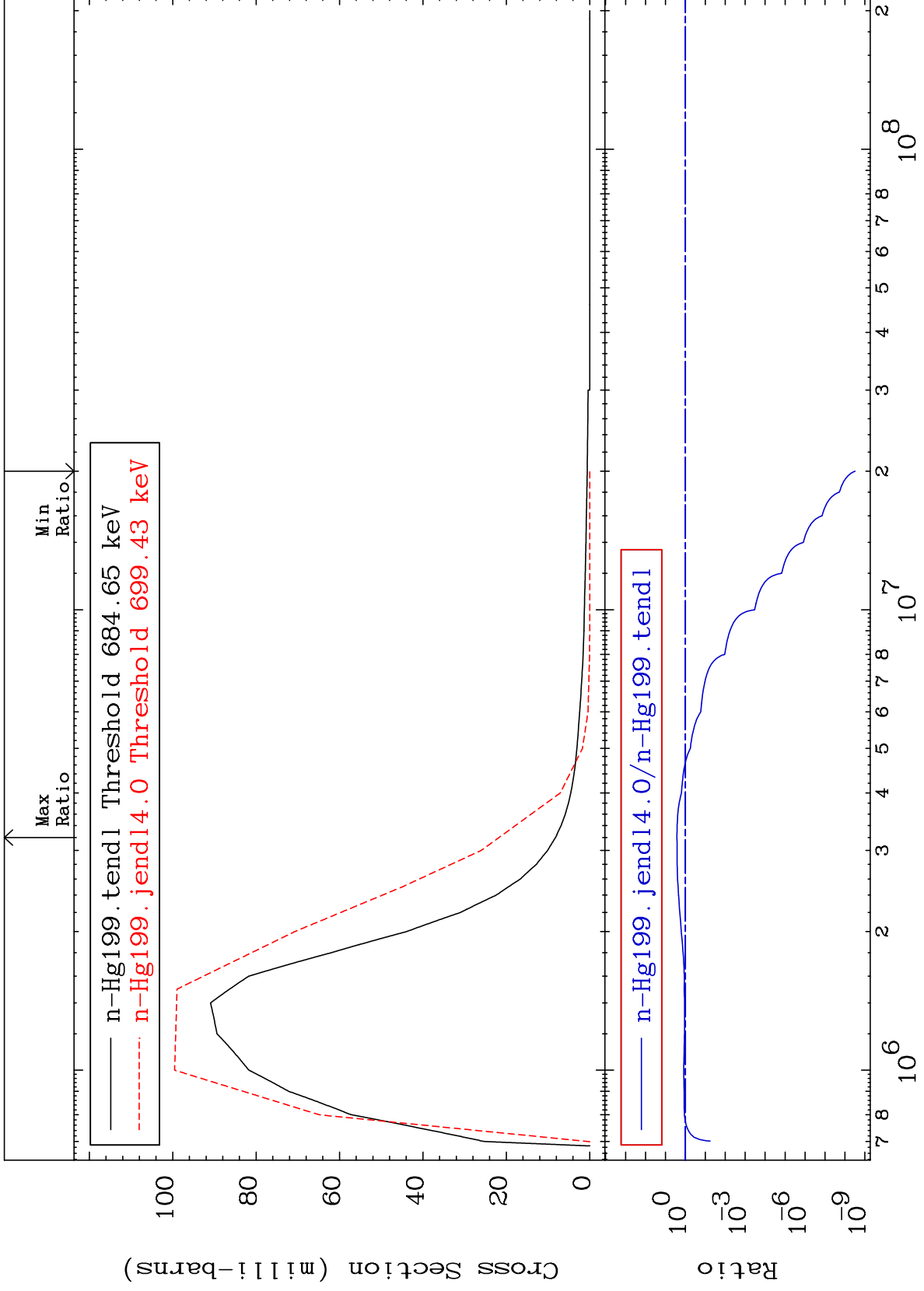
Incident Energy (eV)

80-Hg-199

MAT 8034

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

80-Hg-199
-100.0 To 165.4 %



17

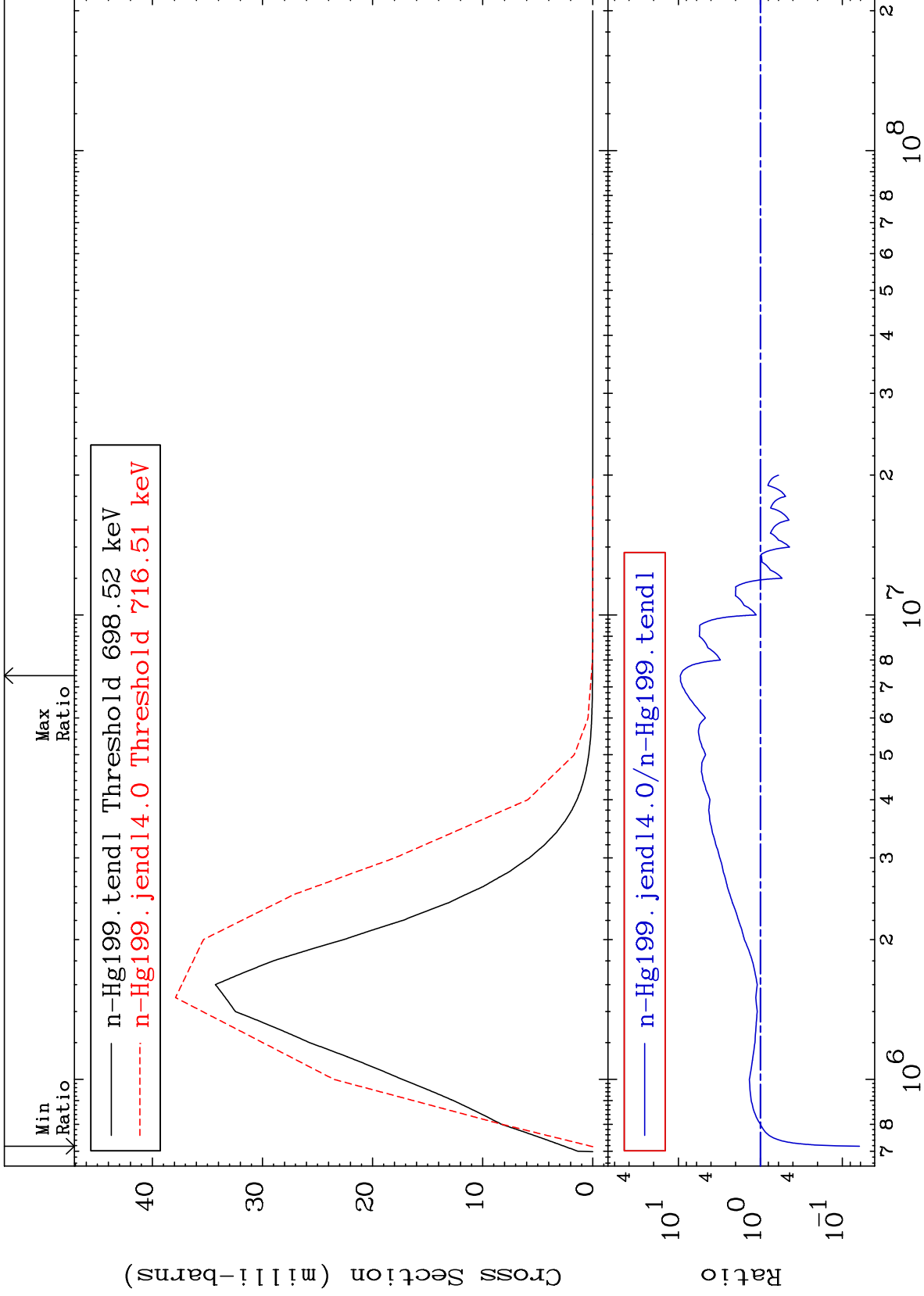
Incident Energy (eV)

80-Hg-199

MAT 8034

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

80-Hg-199
-93.83 To 846.0 %



18

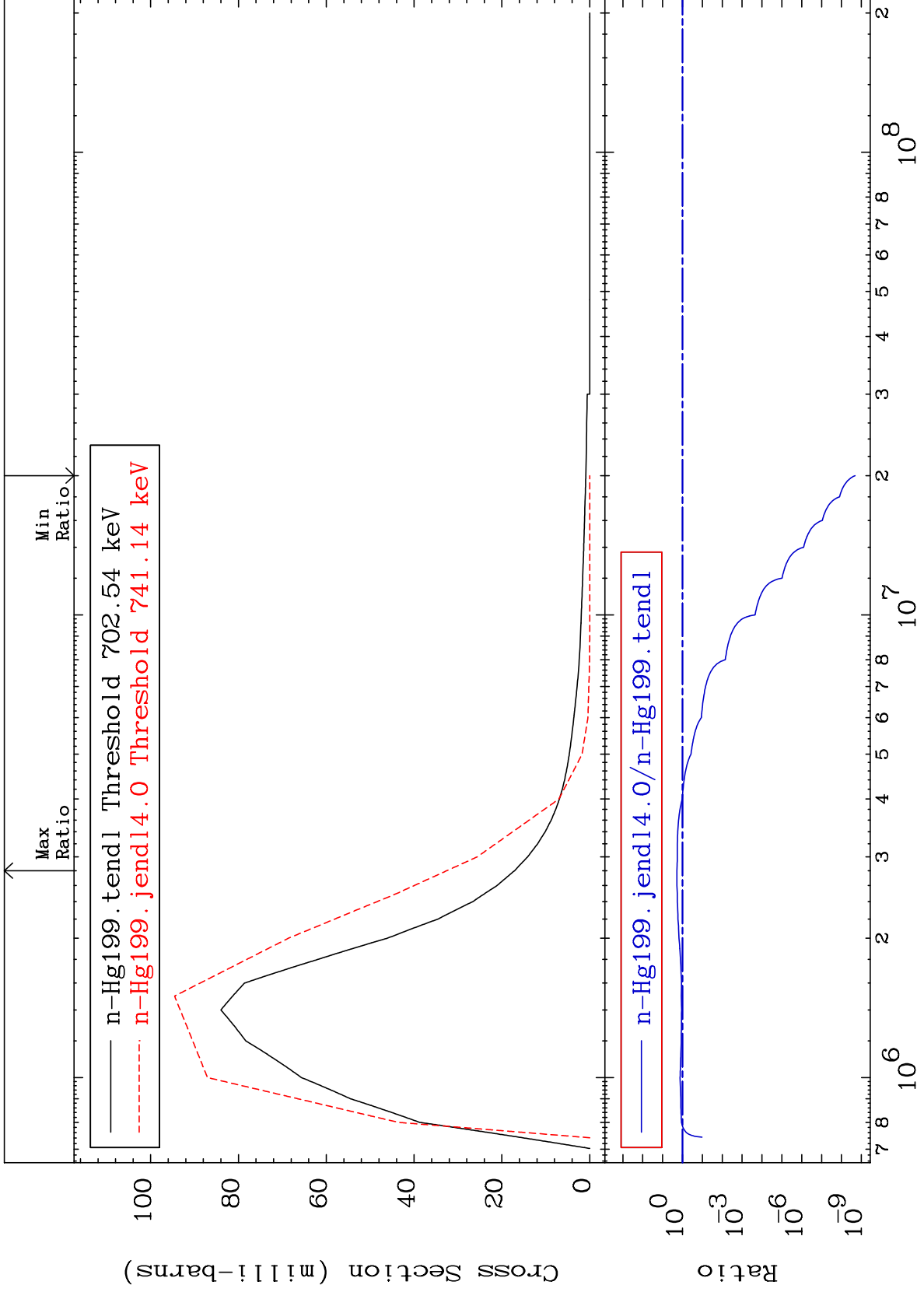
Incident Energy (eV)

80-Hg-199

MAT 8034

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

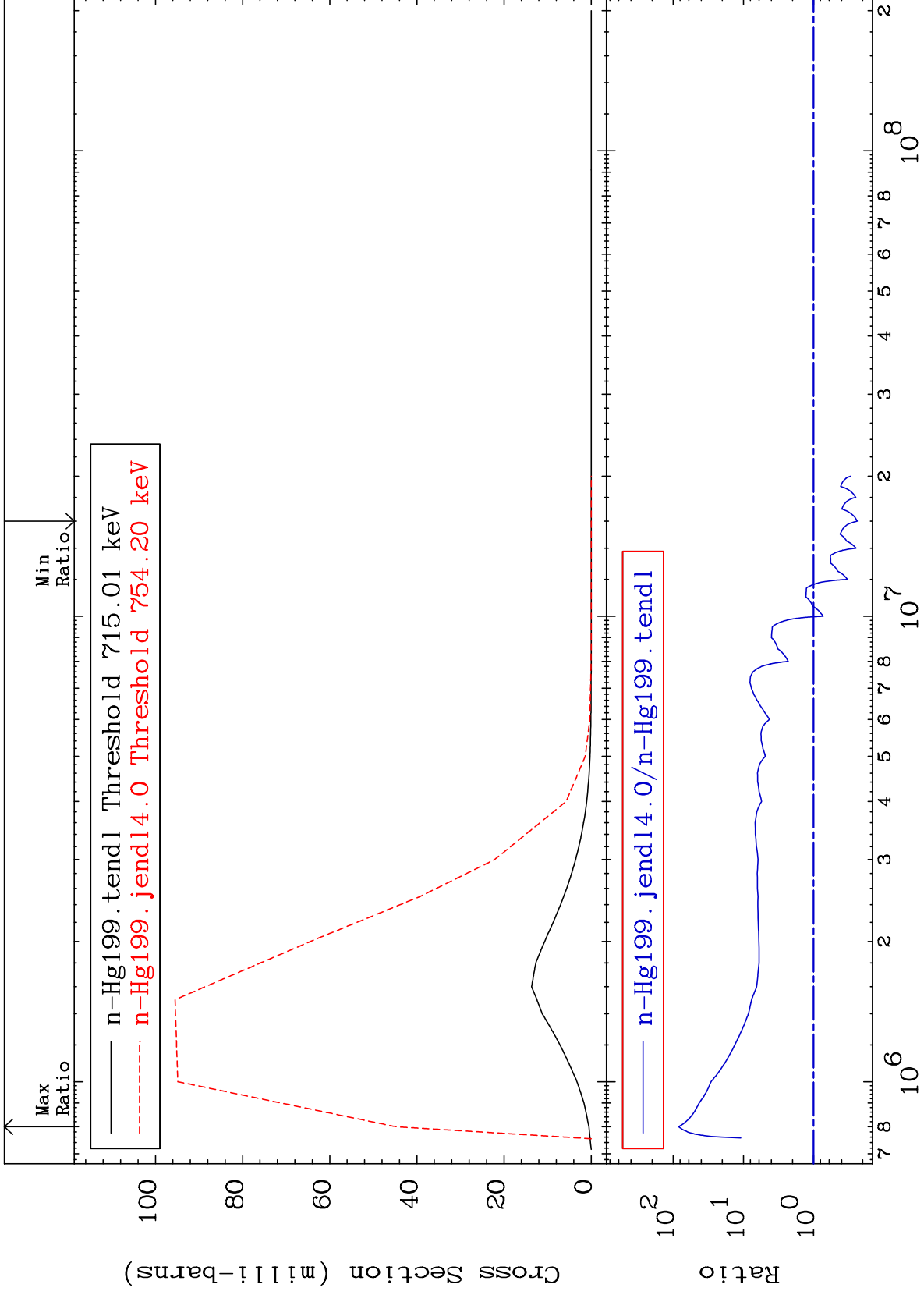
80-Hg-199
-100.0 To 90.40 %



MAT 8034

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

80-Hg-199
-76.08 To 8280. %



20

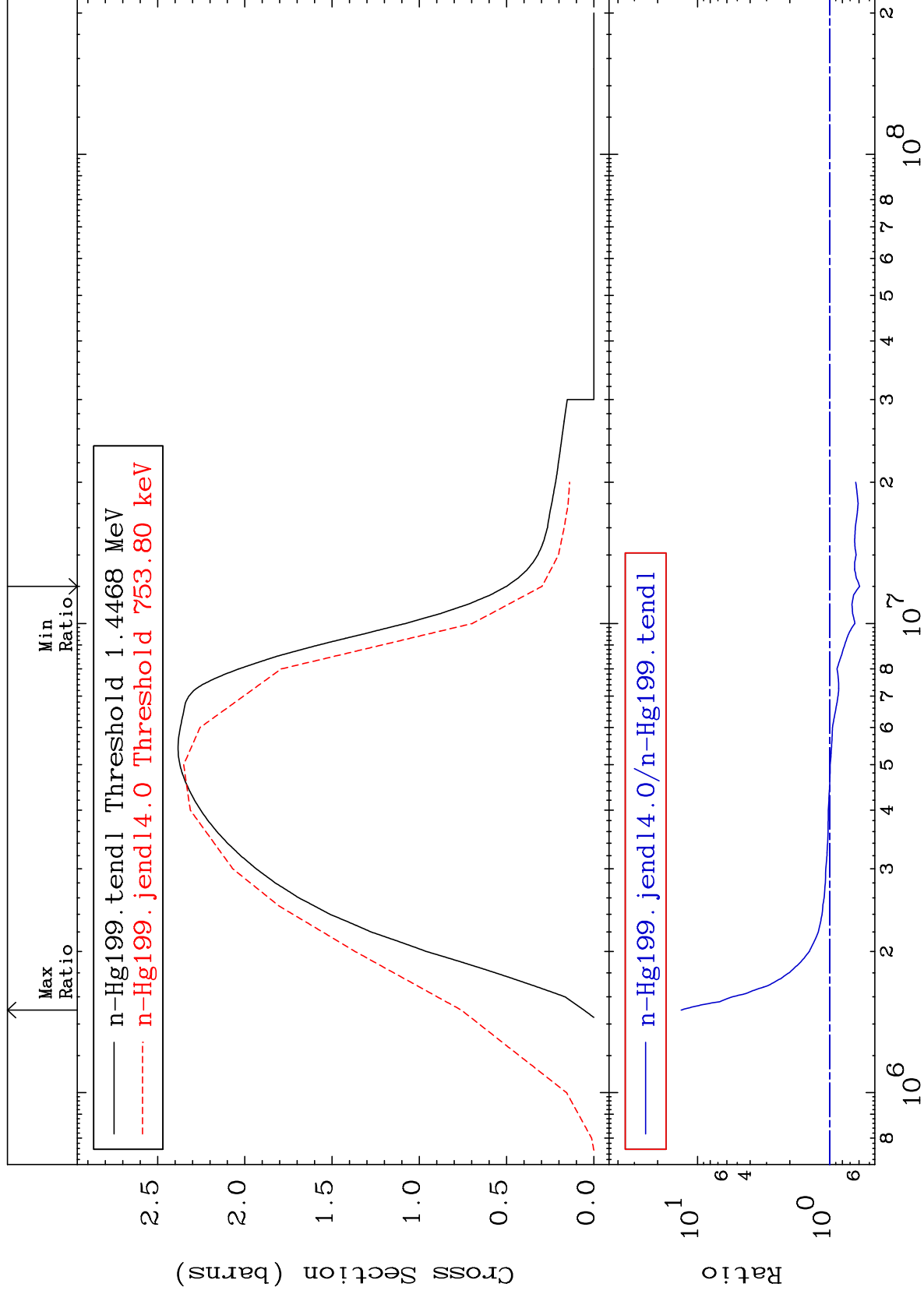
Incident Energy (eV)

80-Hg-199

MAT 8034

(n, n') Continuum
Cross Section

80-Hg-199
-40.70 To 1229. %



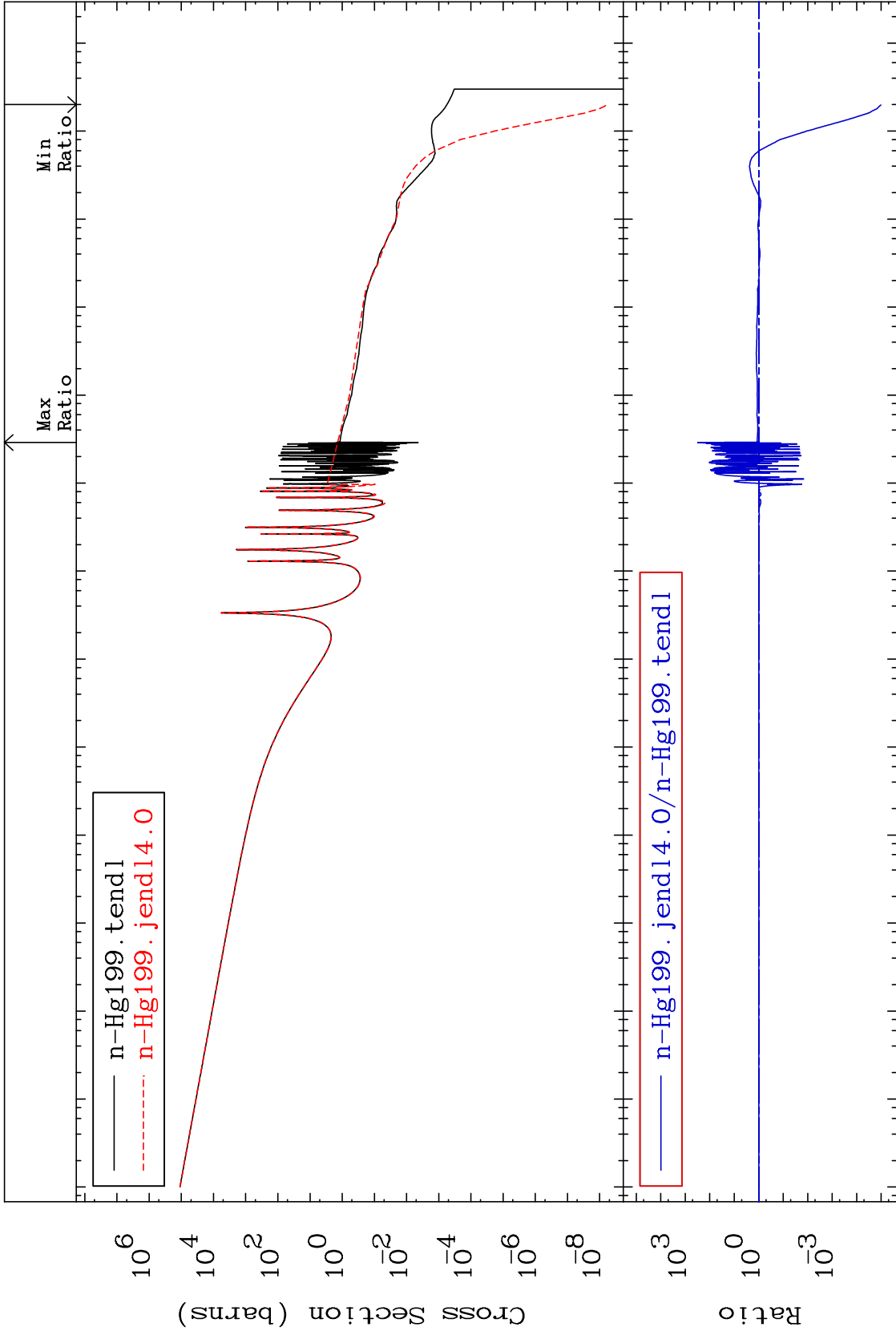
21

80-Hg-199

MAT 8034

(n, γ)
Cross Section

80-Hg-199
-100.0 To 9999. %



Incident Energy (eV)

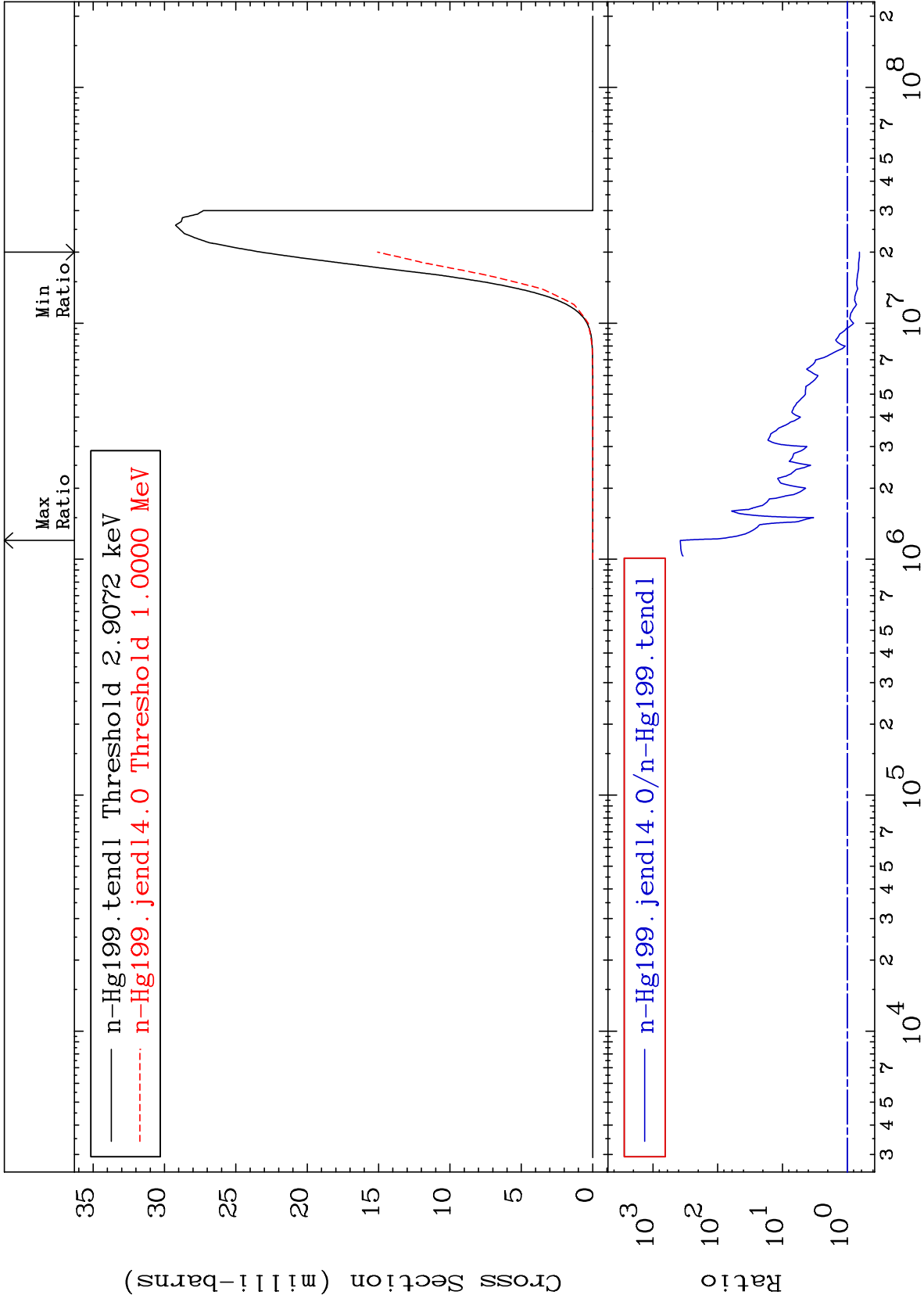
82

80-Hg-199

MAT 8034

(n, p)
Cross Section

80-Hg-199
-35.18 To 9999. %



MAT 8034

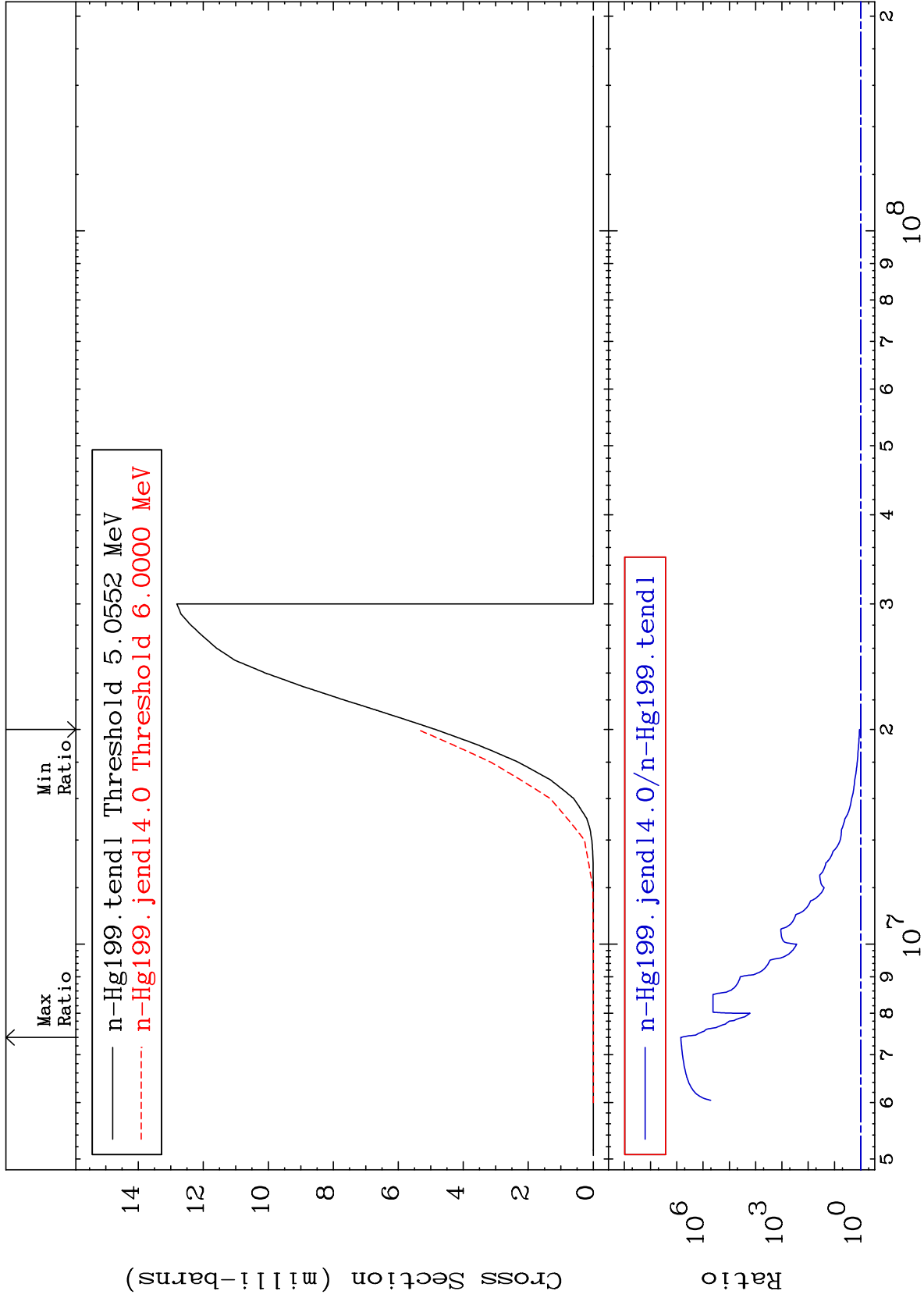
(n, d)

80-Hg-199

Cross Section

11.26

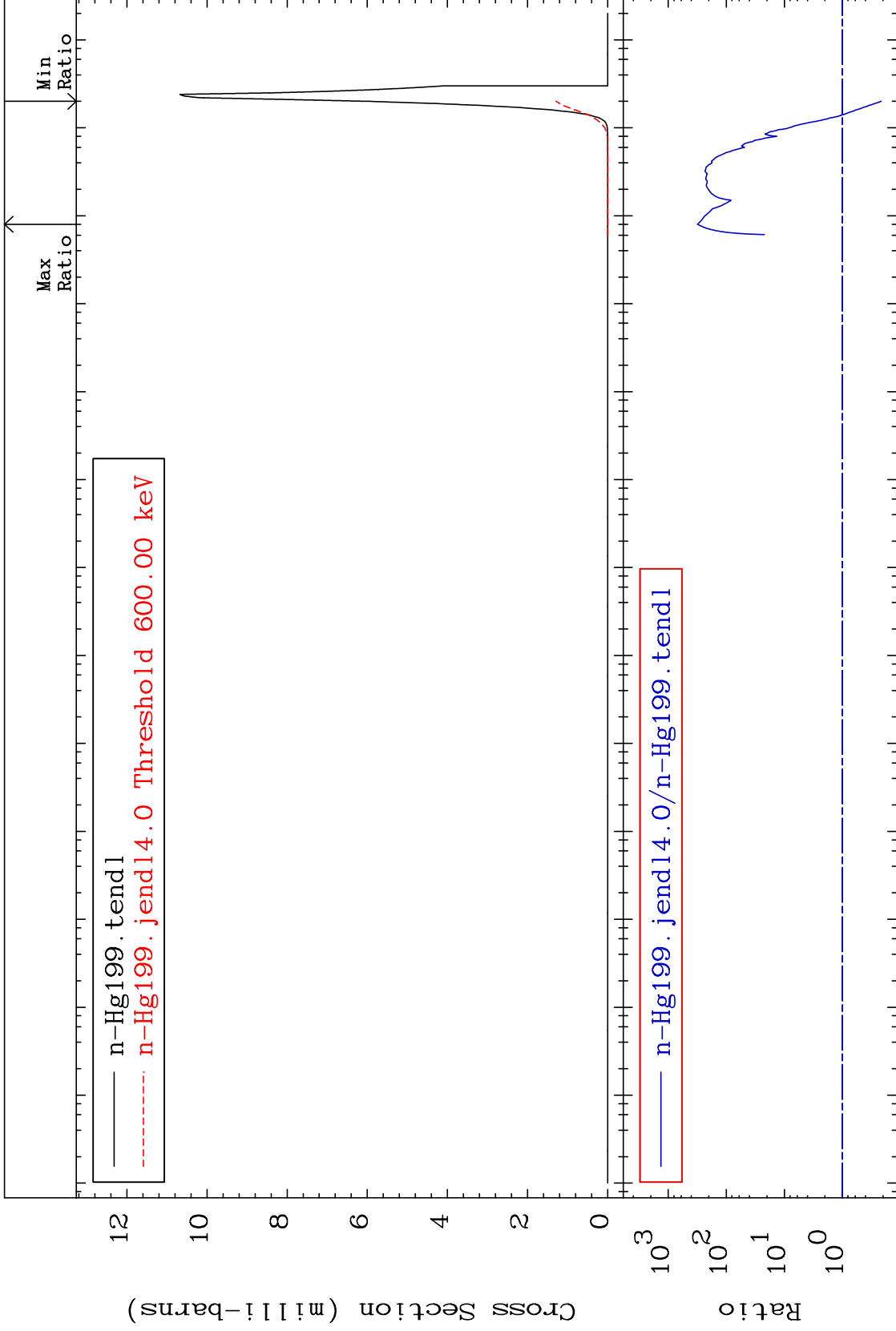
To 9999. %



MAT 8034

(n, α)
Cross Section

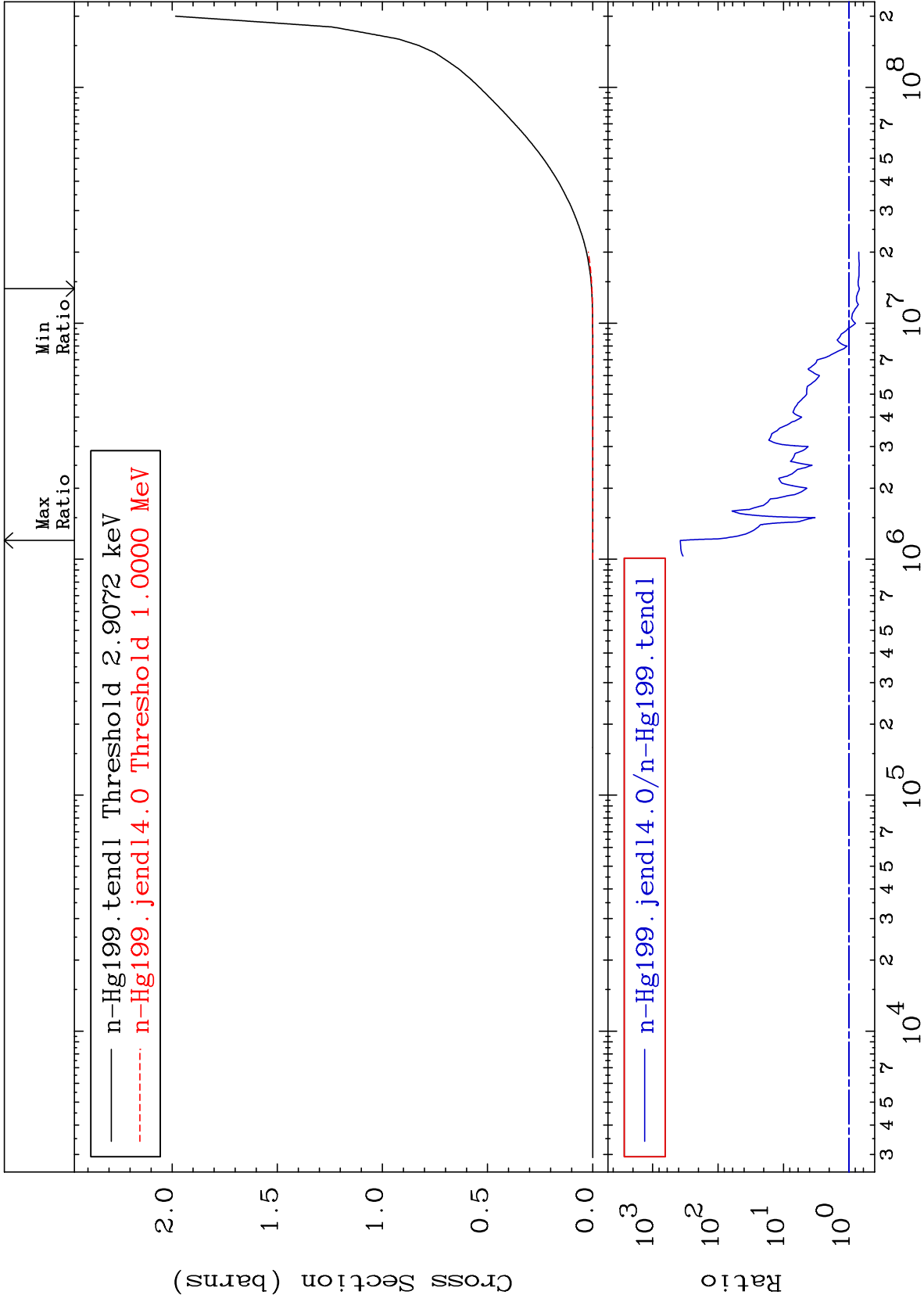
80-Hg-199
-78.42 To 9999. %



25

Incident Energy (eV)

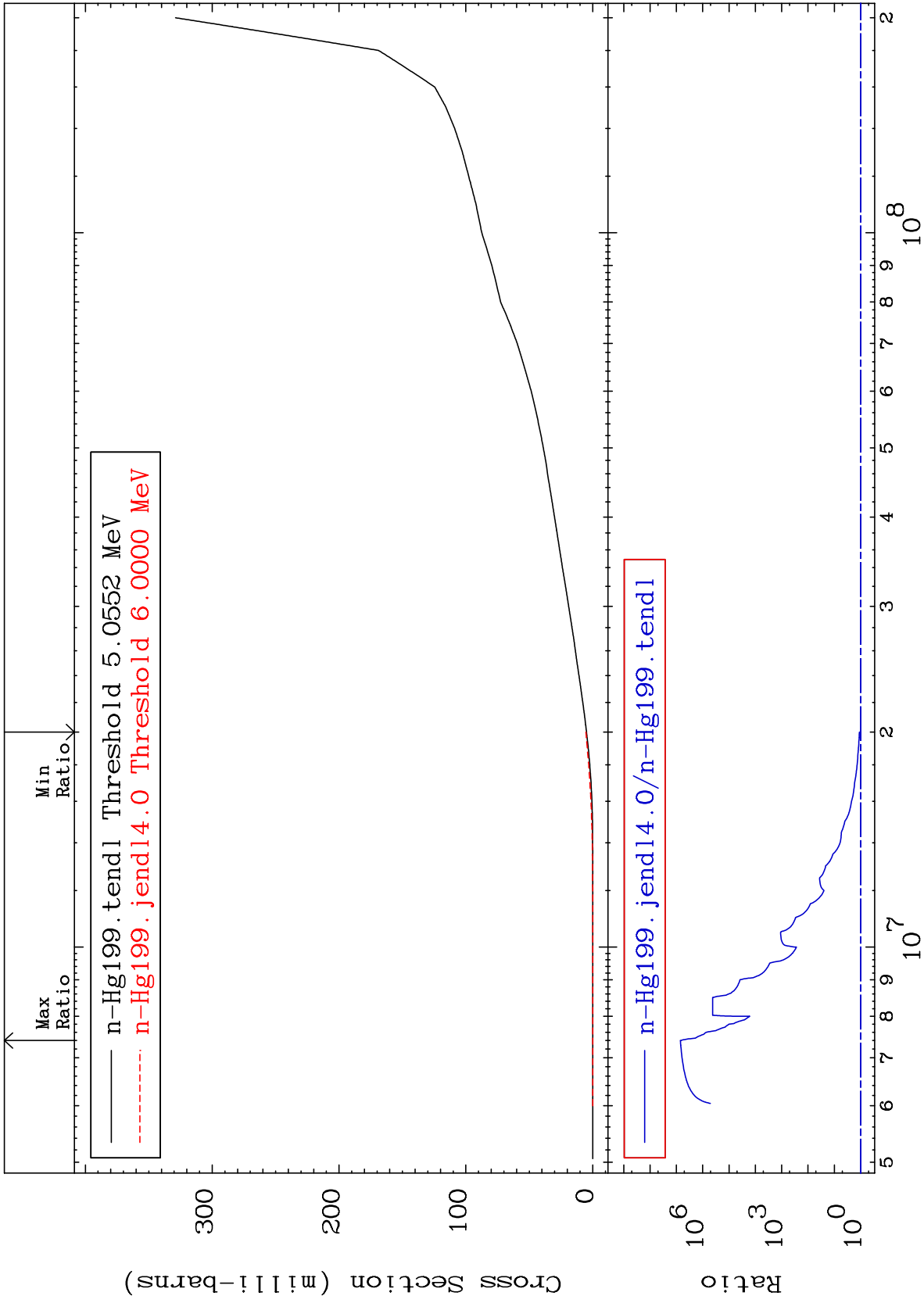
80-Hg-199



MAT 8034

Deuterium Production
Cross Section

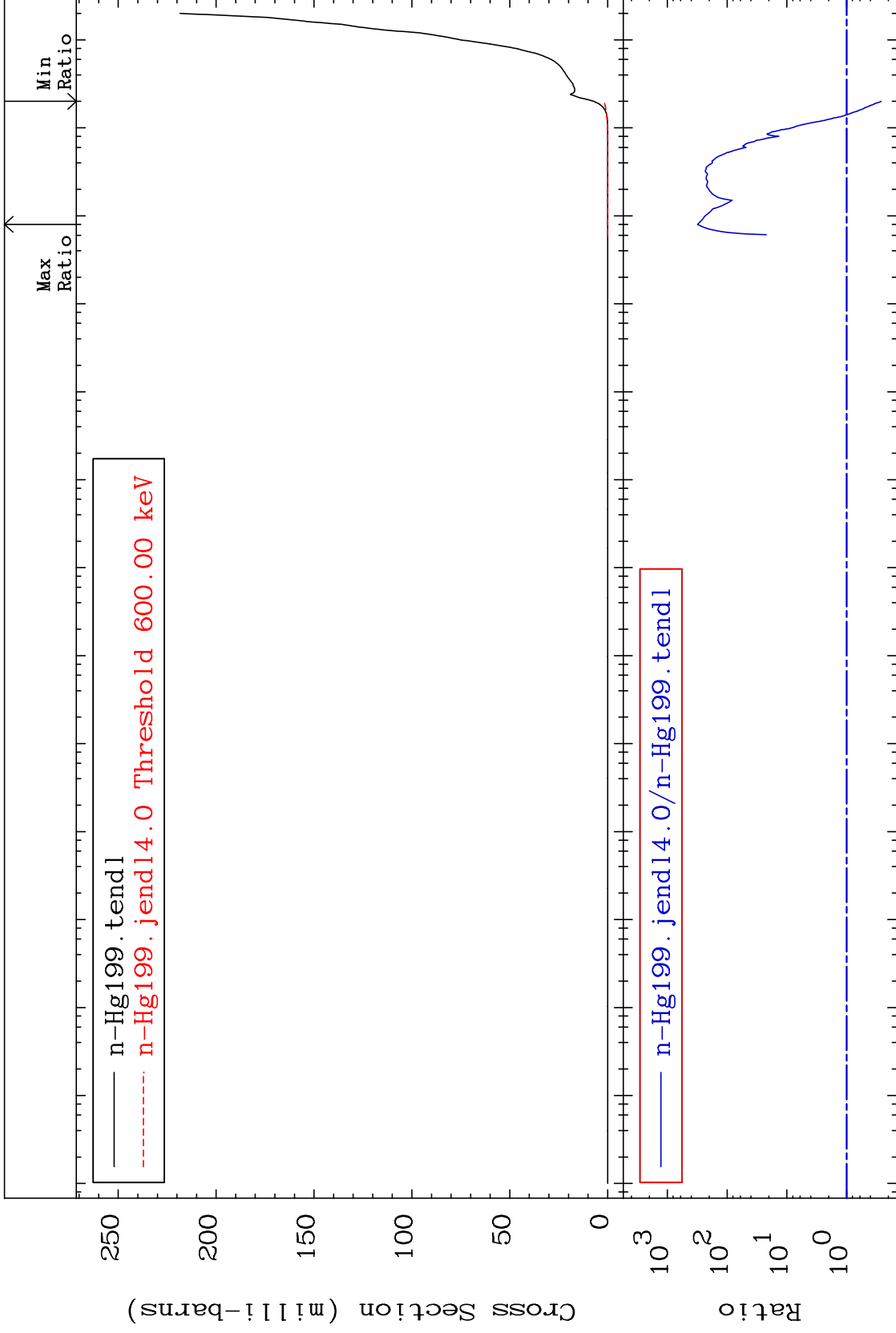
80-Hg-199
11.11 To 9999. %



27

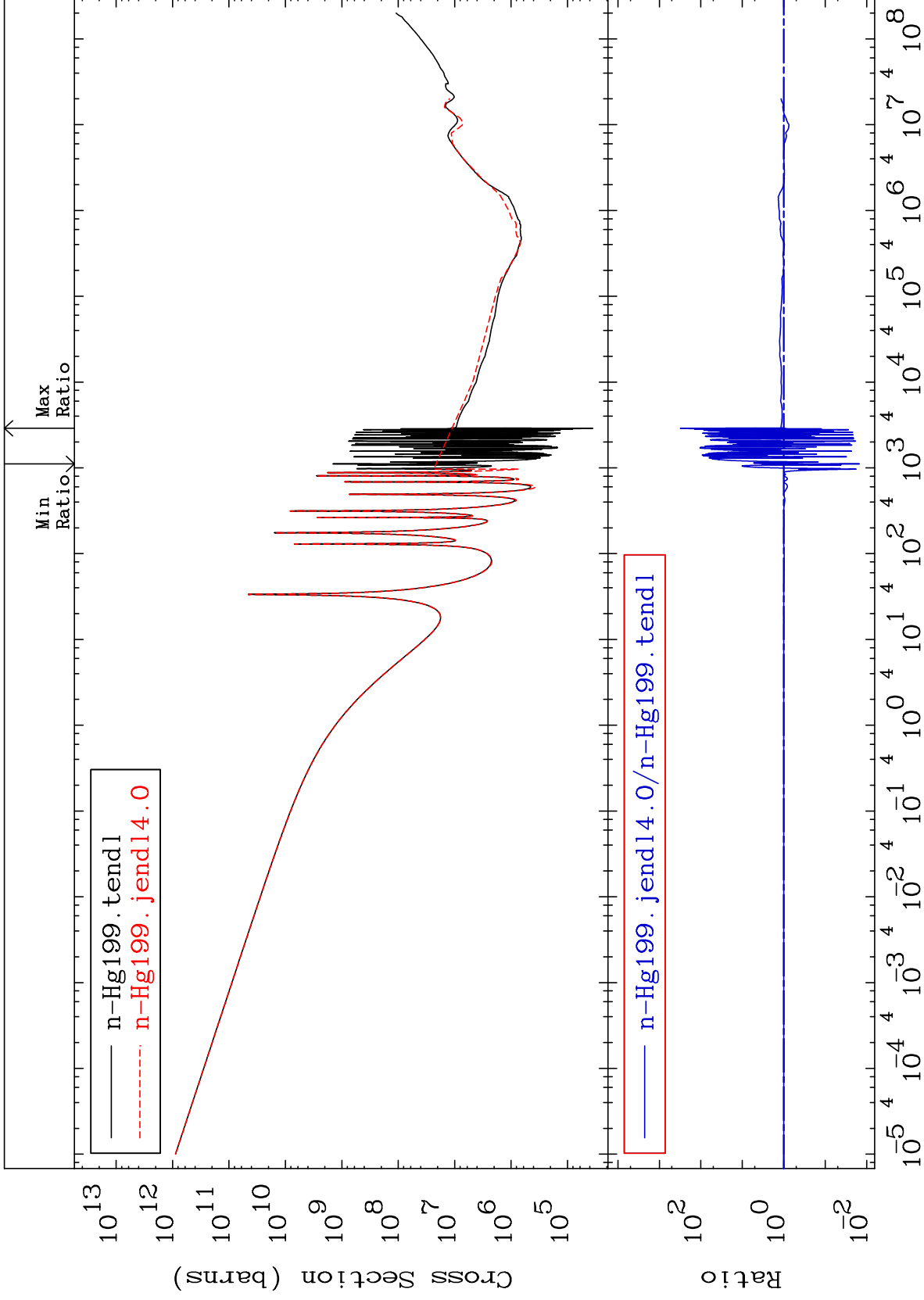
Incident Energy (eV)

80-Hg-199



Cross Section

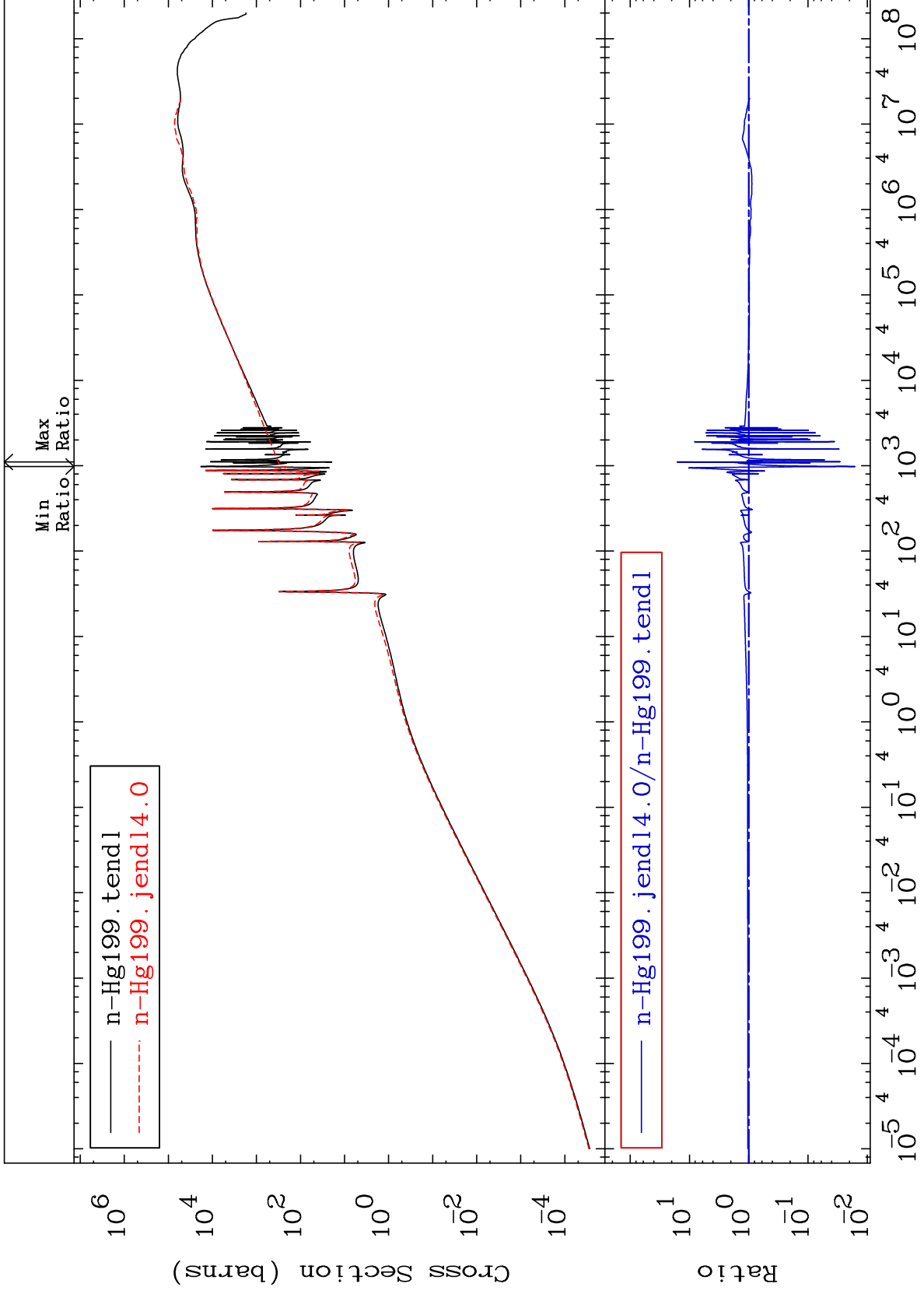
-98.51 To 9999. %

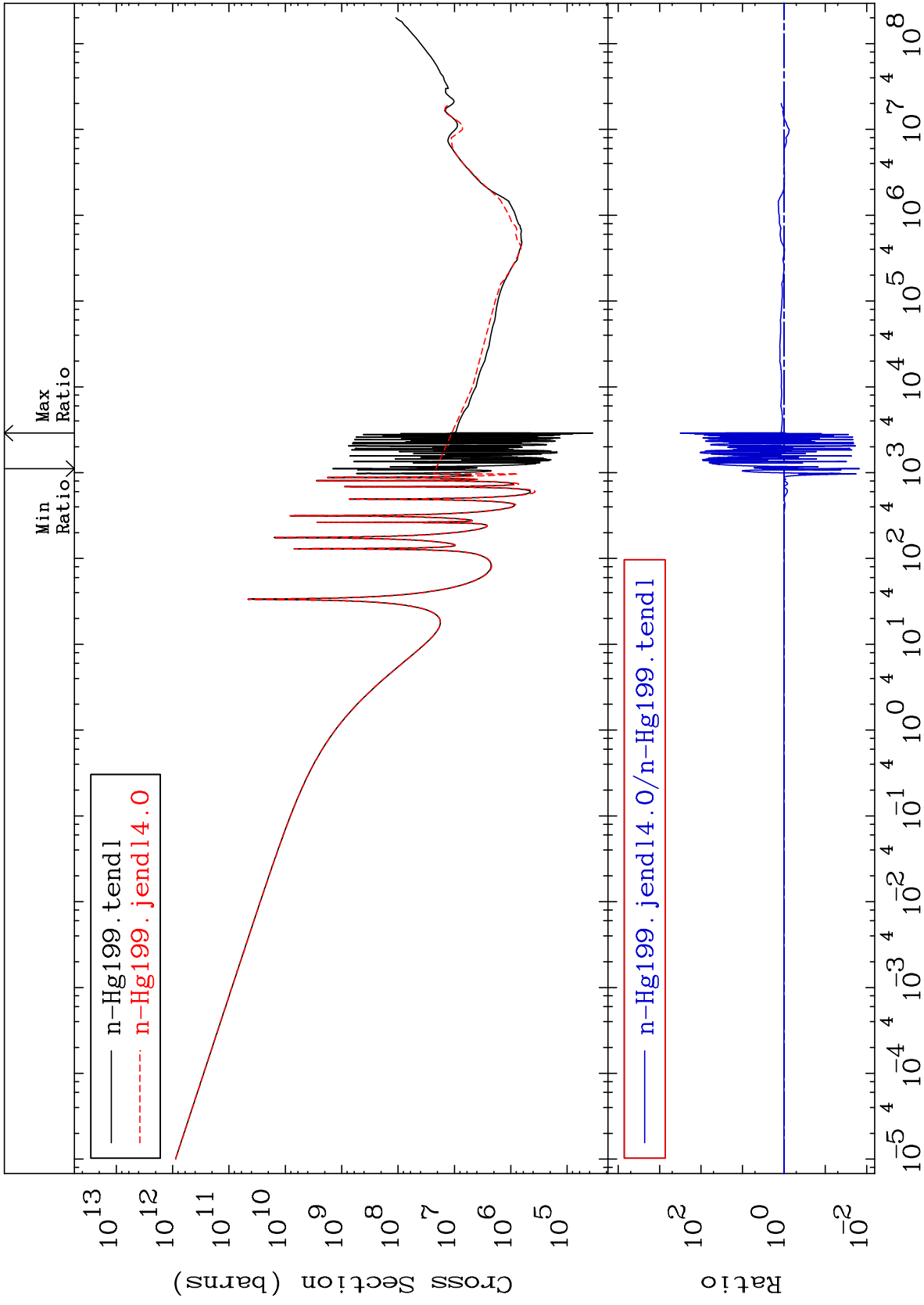


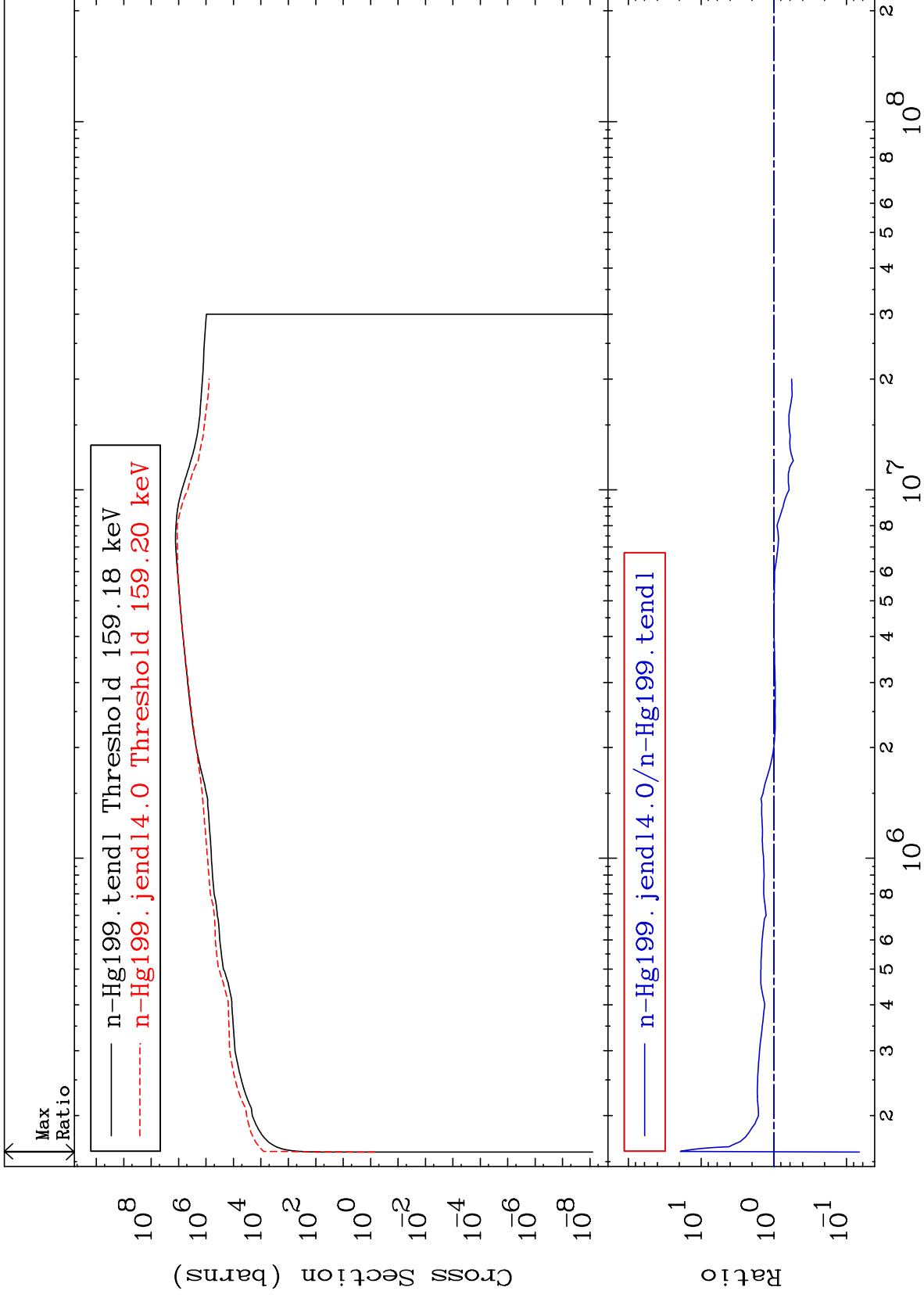
MAT 8034

Kerma elastic
Cross Section

80-Hg-199
-98.39 To 1530. %



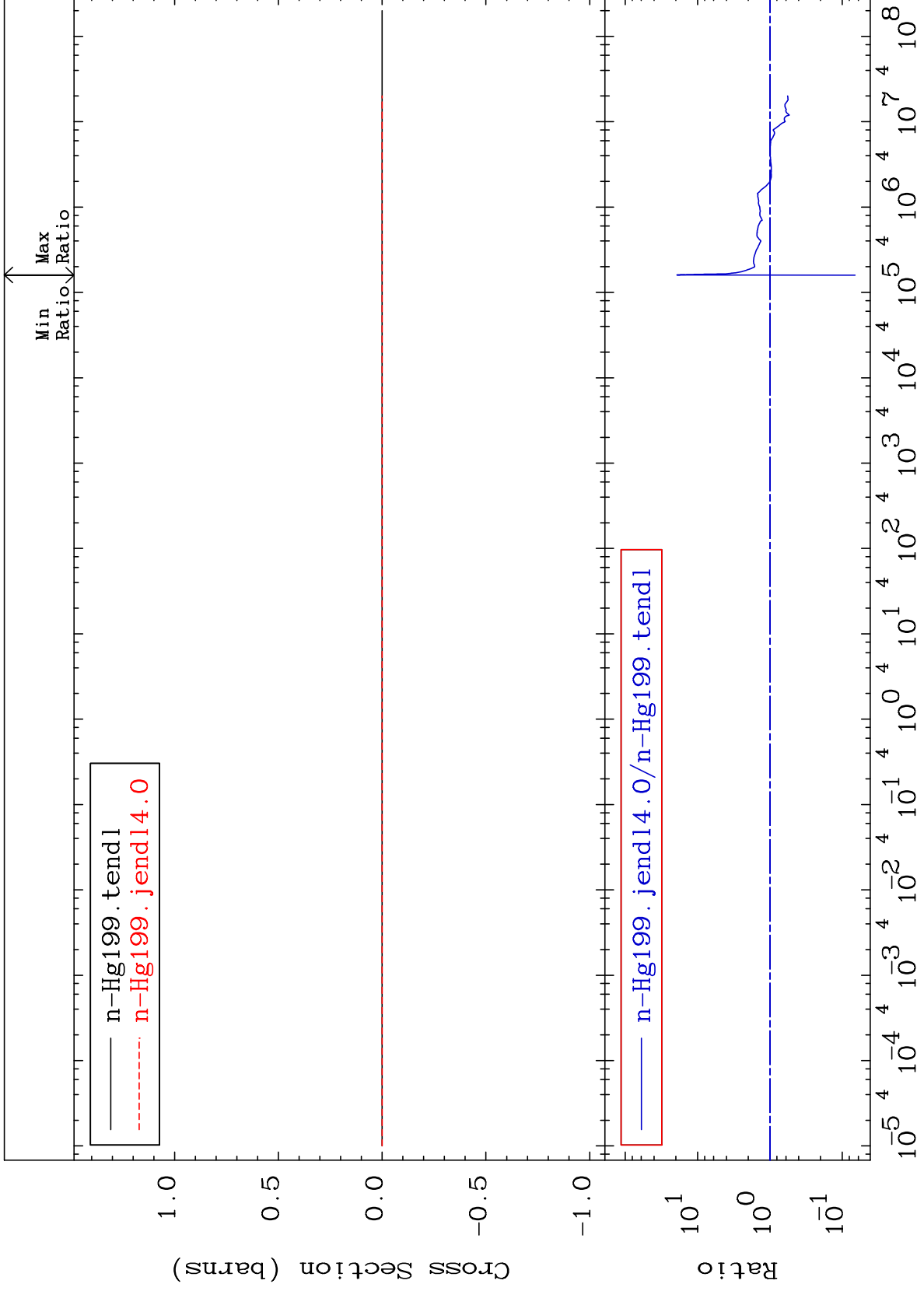




MAT 8034

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

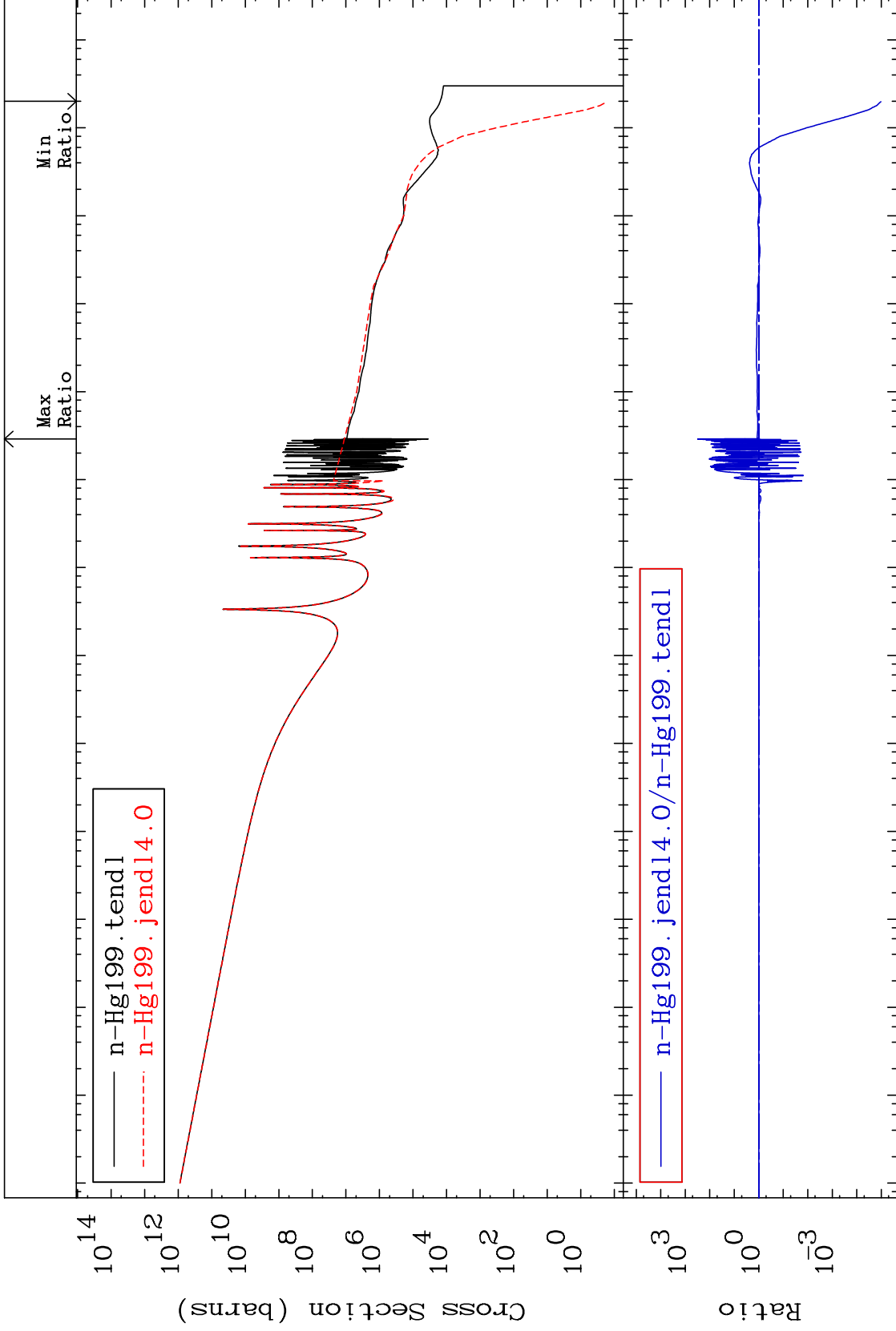
80-Hg-199
-93.34 To 1830. %



MAT 8034

Kerma capture (mt102)
Cross Section

80-Hg-199
-100.0 To 9999. %



34

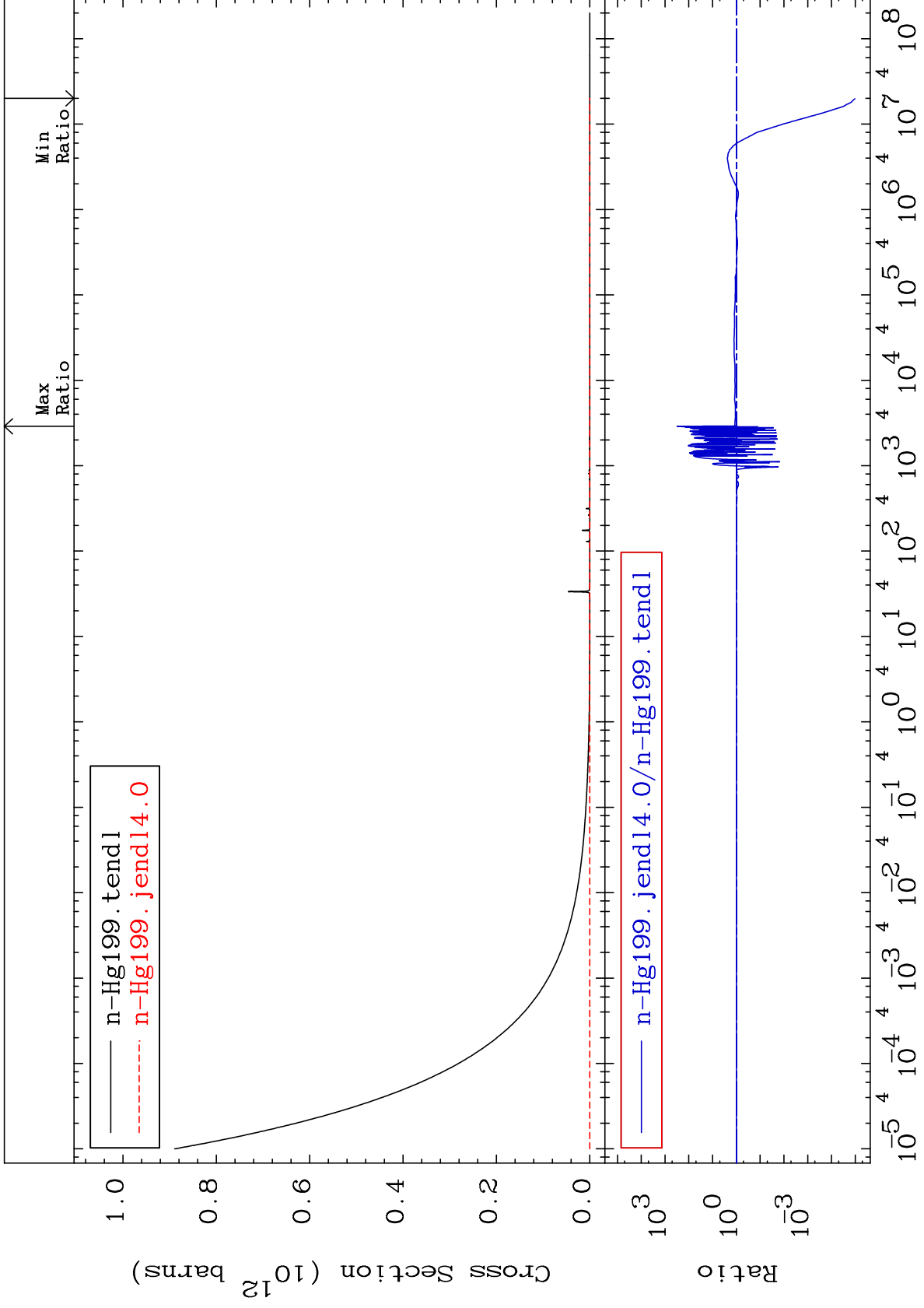
Incident Energy (eV)

80-Hg-199

MAT 8034

Total photon (eV-barns)
Cross Section

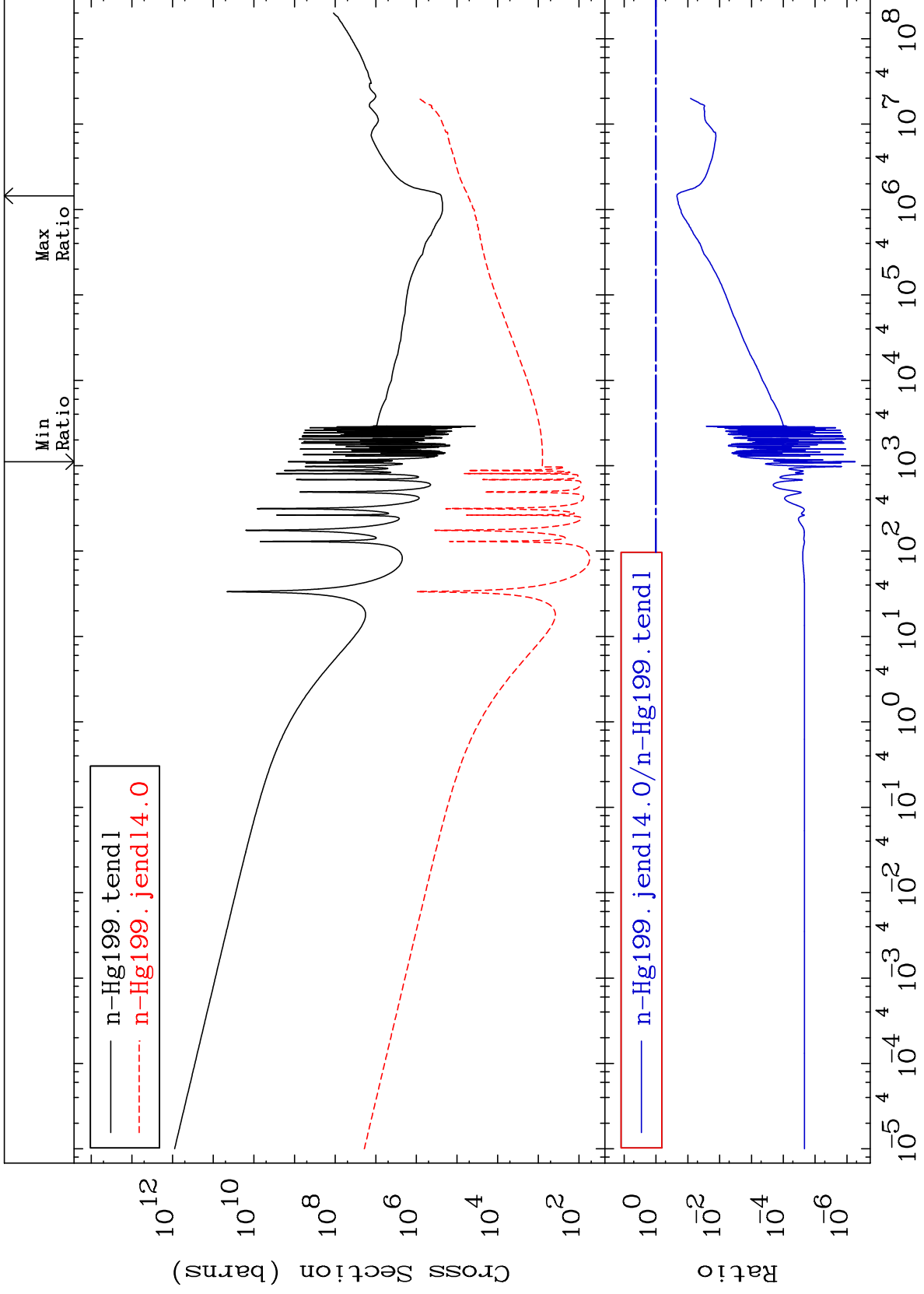
80-Hg-199
-100.0 To 9999. %



35

Incident Energy (eV)

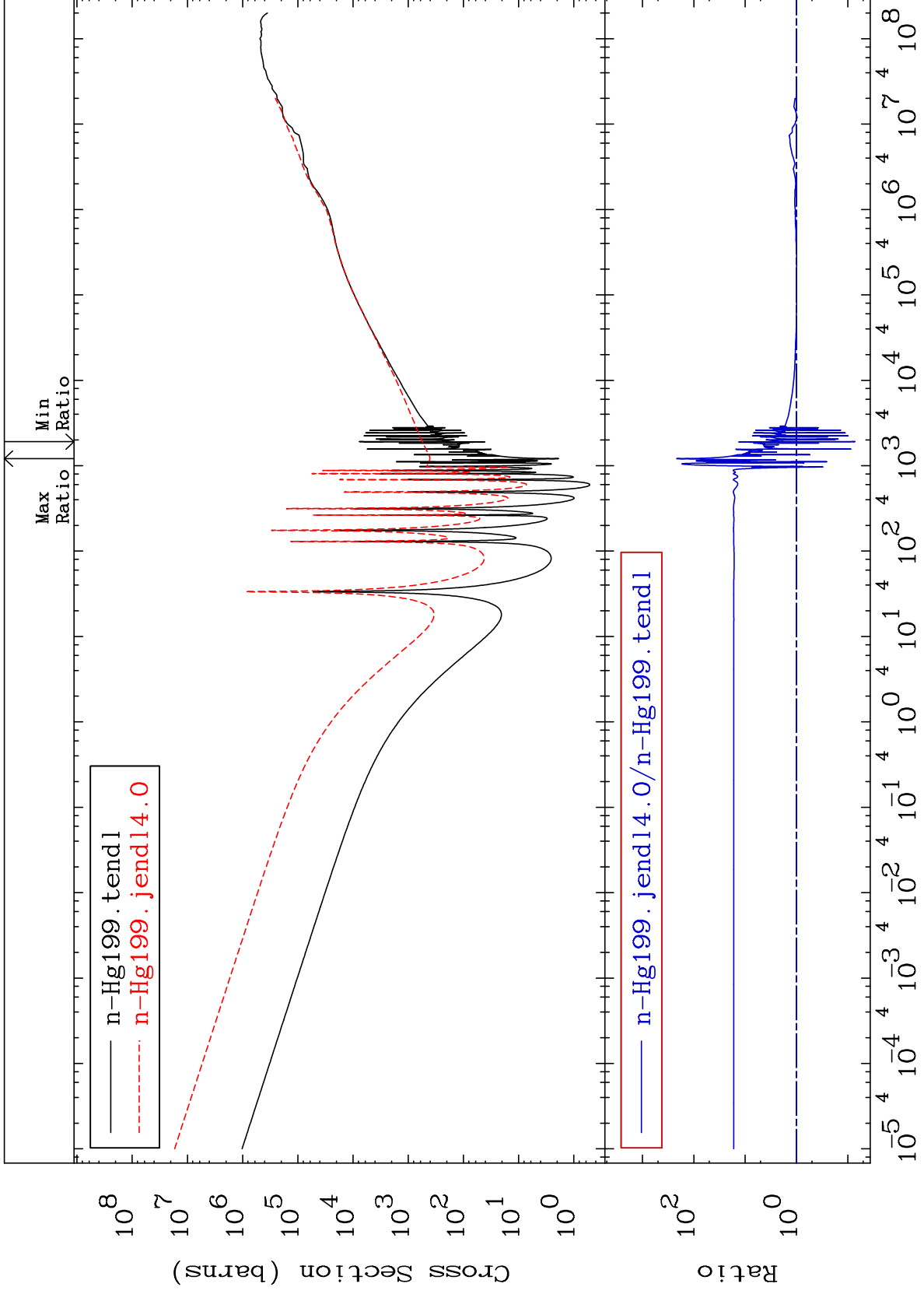
80-Hg-199



MAT 8034

Dpa total (eV-barns)
Cross Section

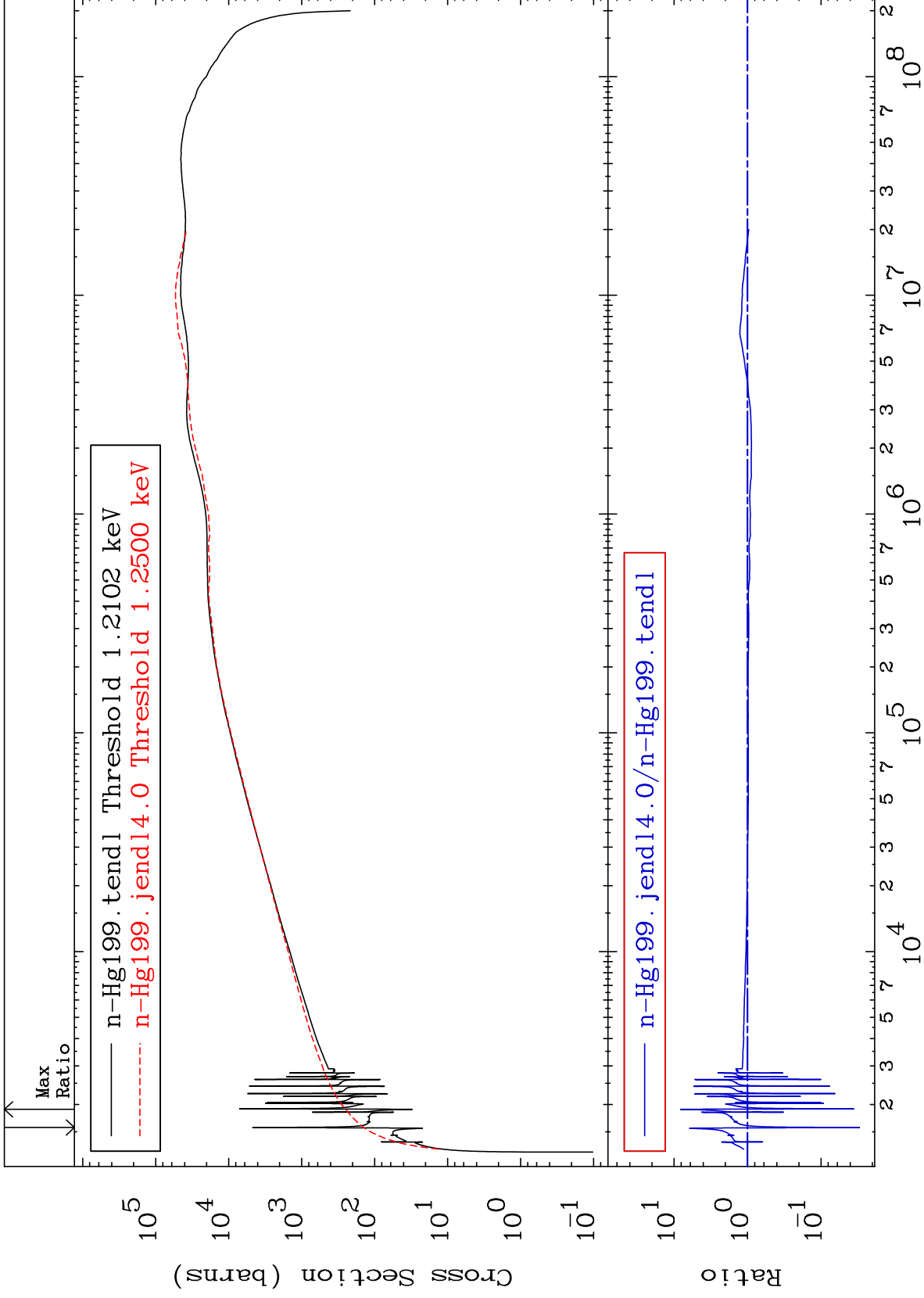
80-Hg-199
-92.81 To 9999. %

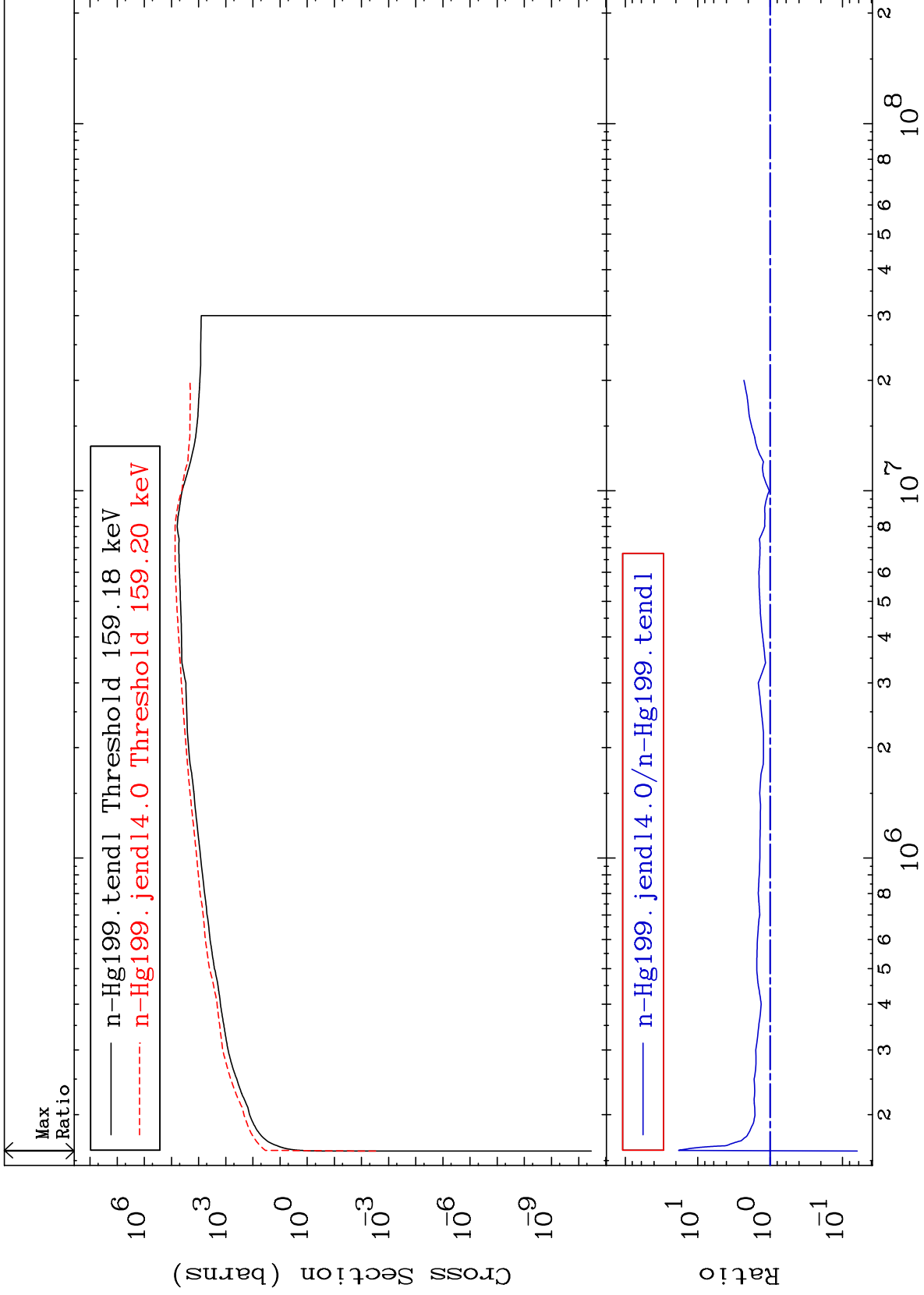


37

Incident Energy (eV)

80-Hg-199

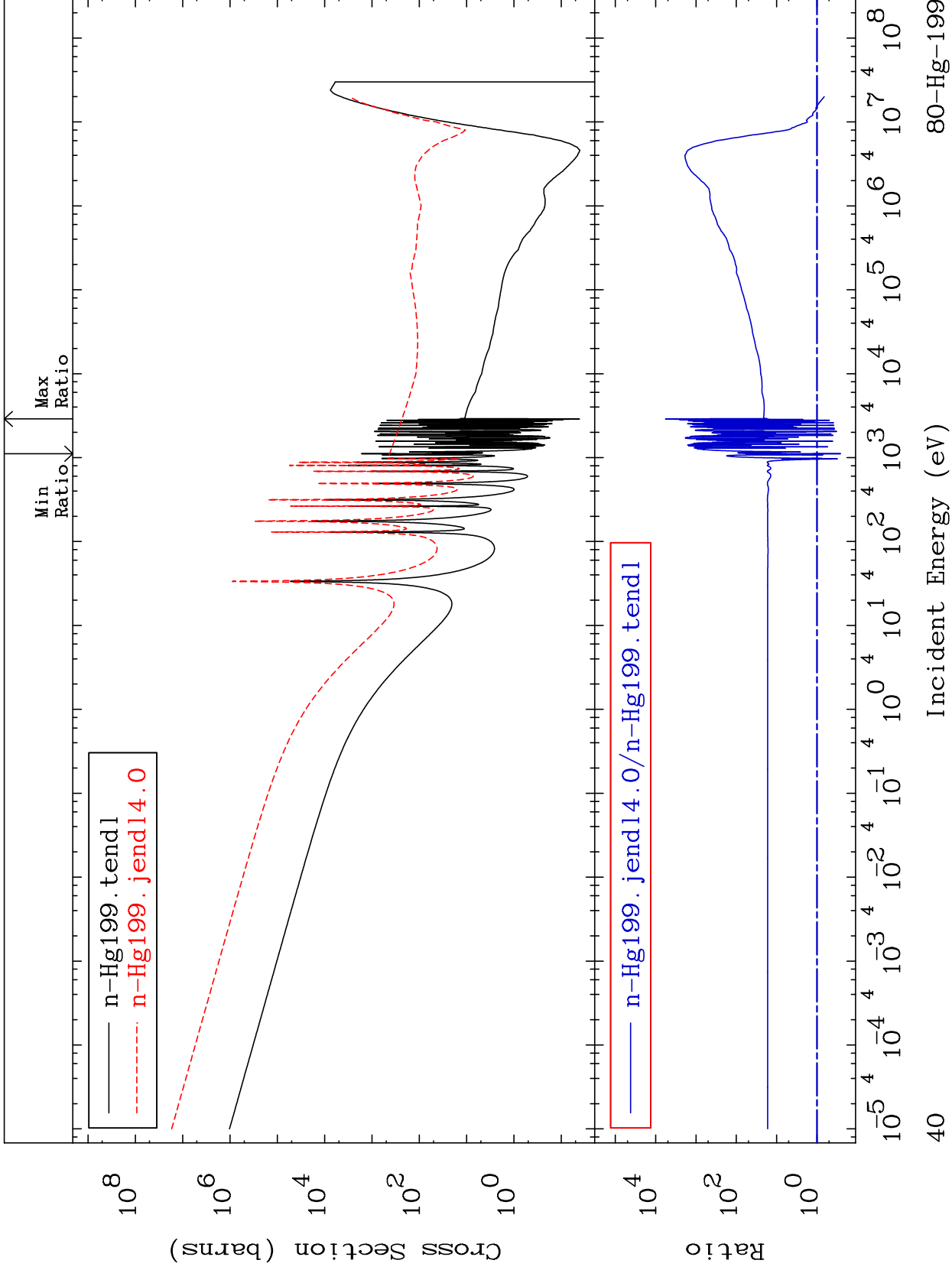




MAT 8034

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-199
-74.26 To 9999. %



40

Incident Energy (eV)

80-Hg-199