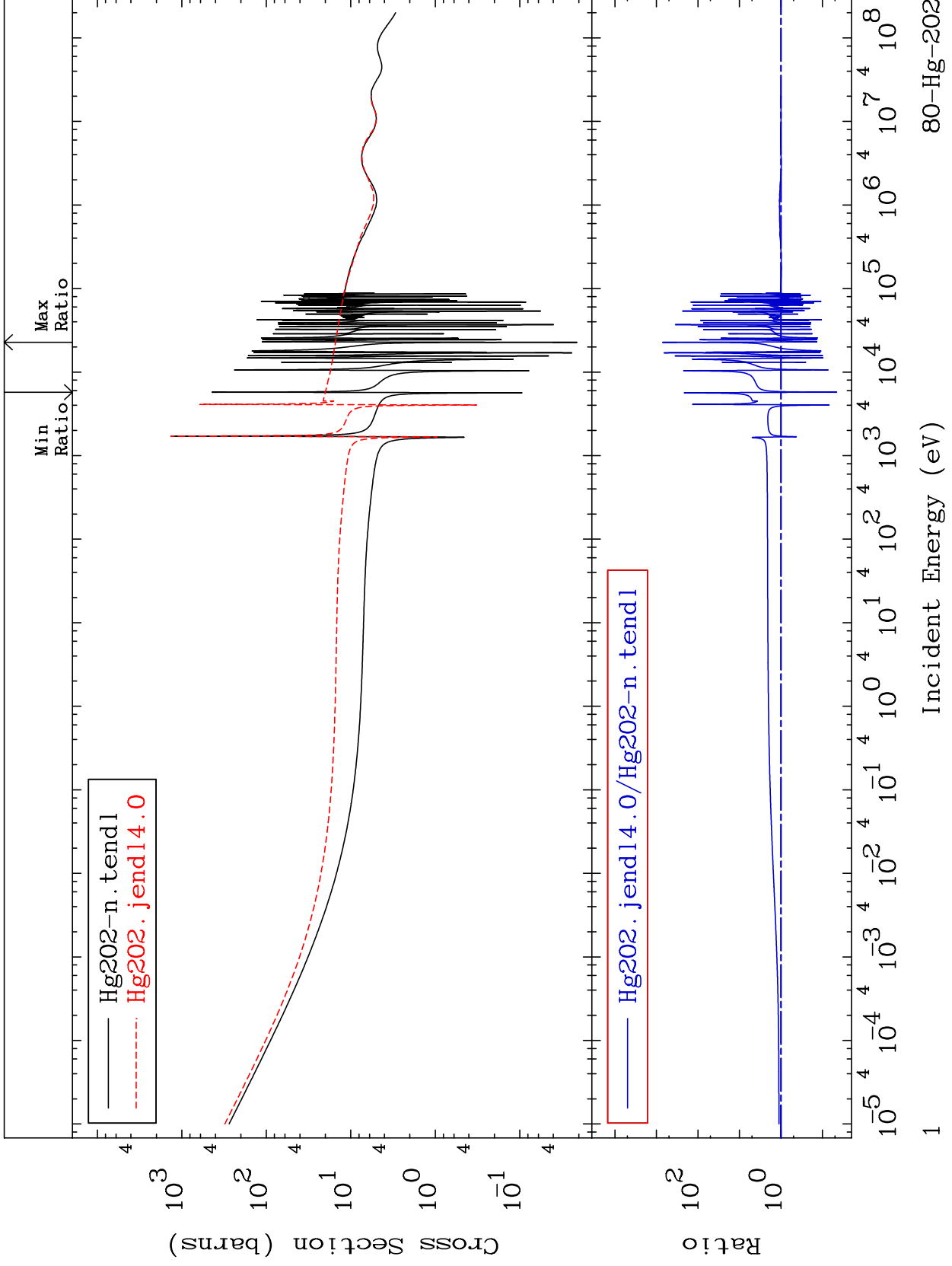


MAT 8043

Total
Cross Section

80-Hg-202
-95.43 To 9999. %



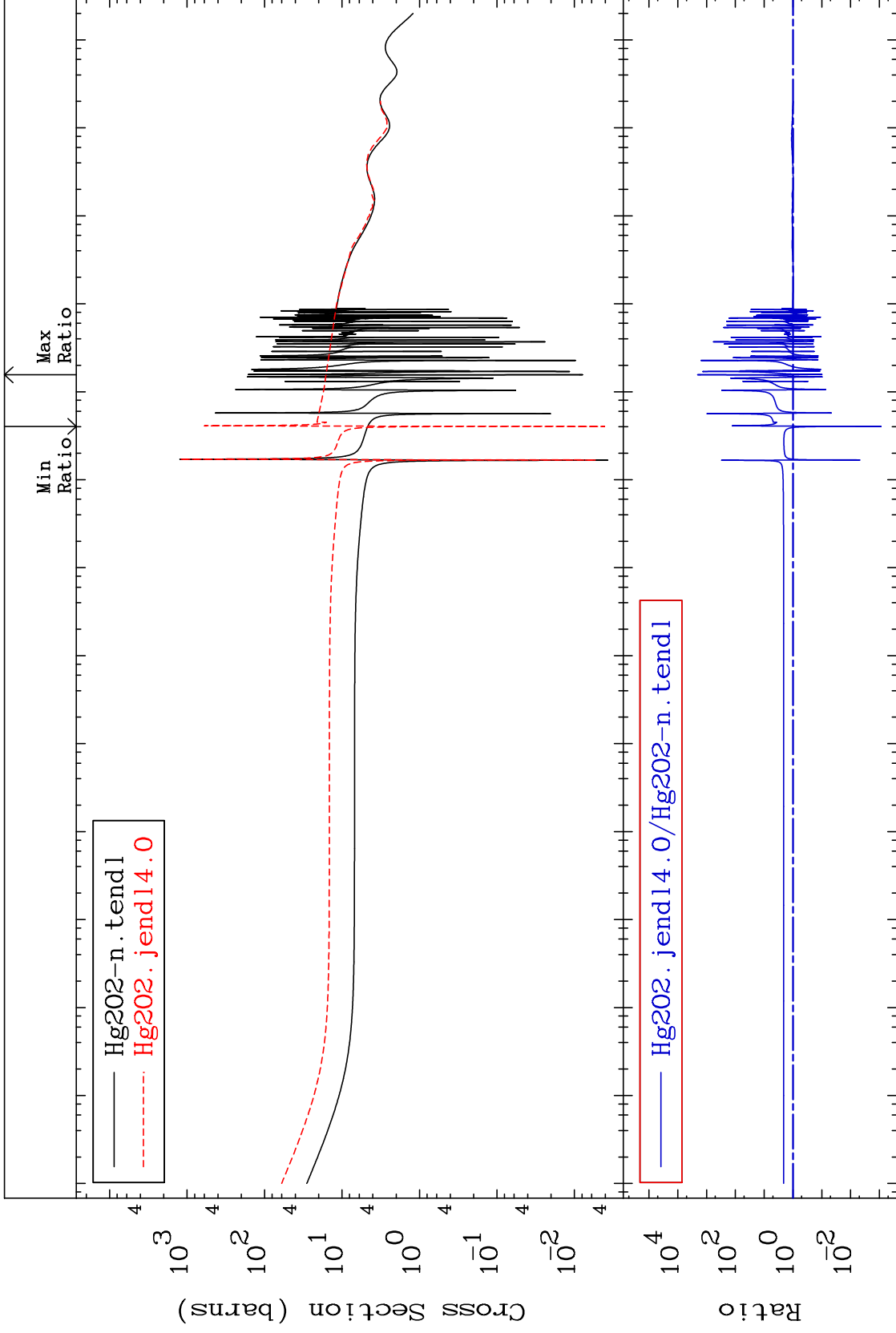
Incident Energy (eV)

80-Hg-202

MAT 8043

Elastic
Cross Section

80-Hg-202
-99.91 To 9999. %



Incident Energy (eV)

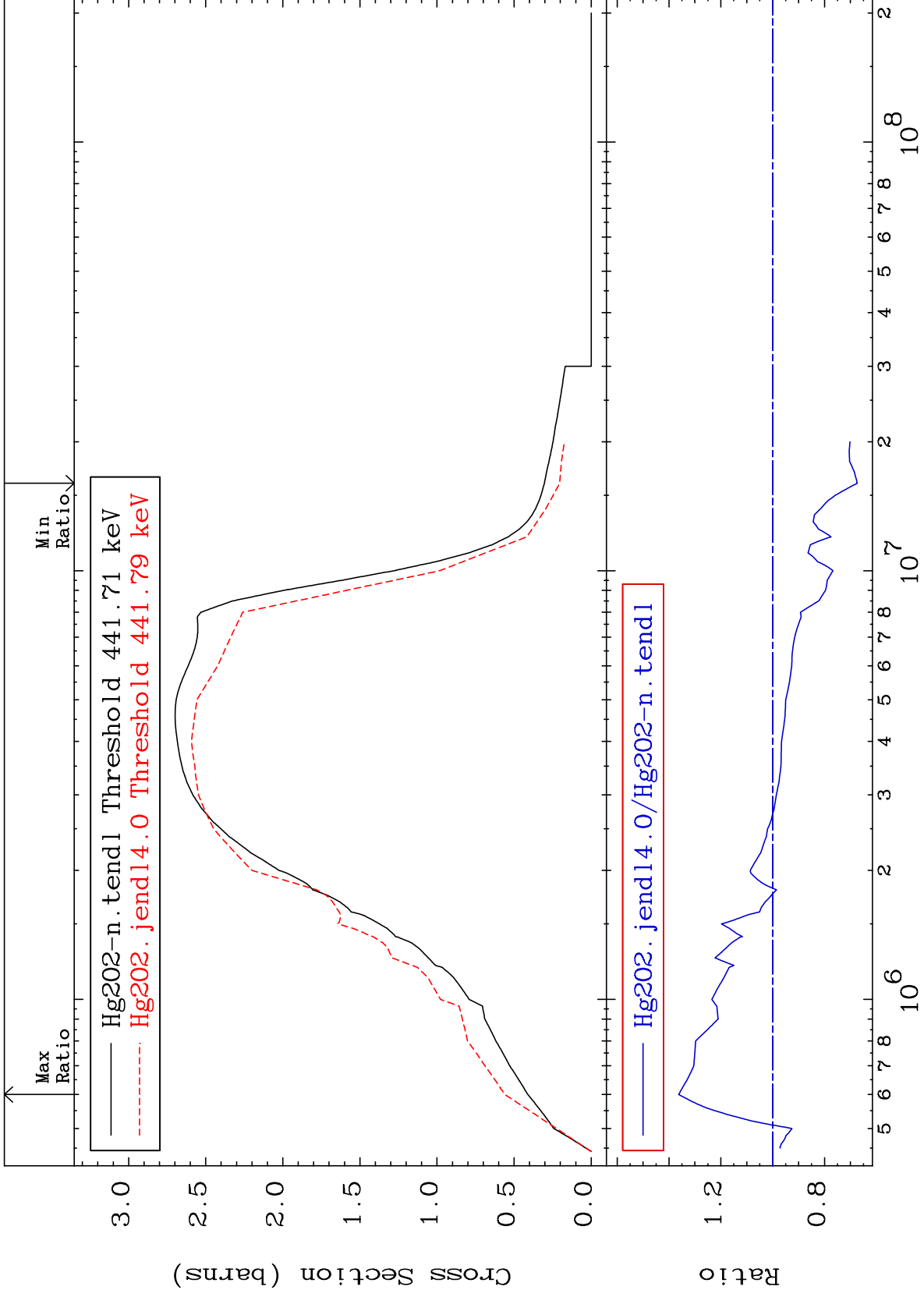
80-Hg-202

2

MAT 8043

Inelastic
Cross Section

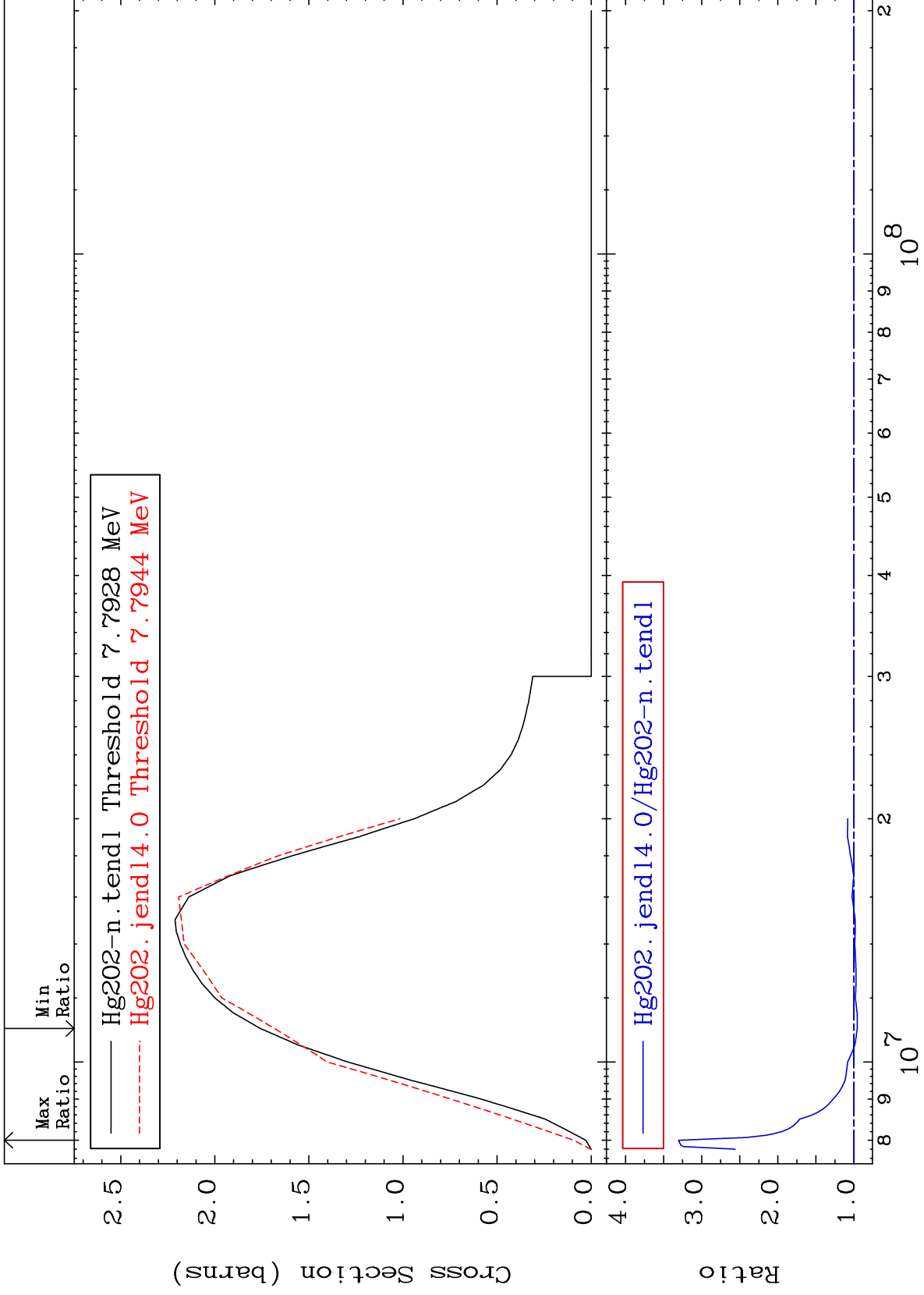
80-Hg-202
-32.62 To 36.28 %



MAT 8043

(n,2n)
Cross Section

80-Hg-202
-4.265 To 230.2 %



4

Incident Energy (eV)

80-Hg-202

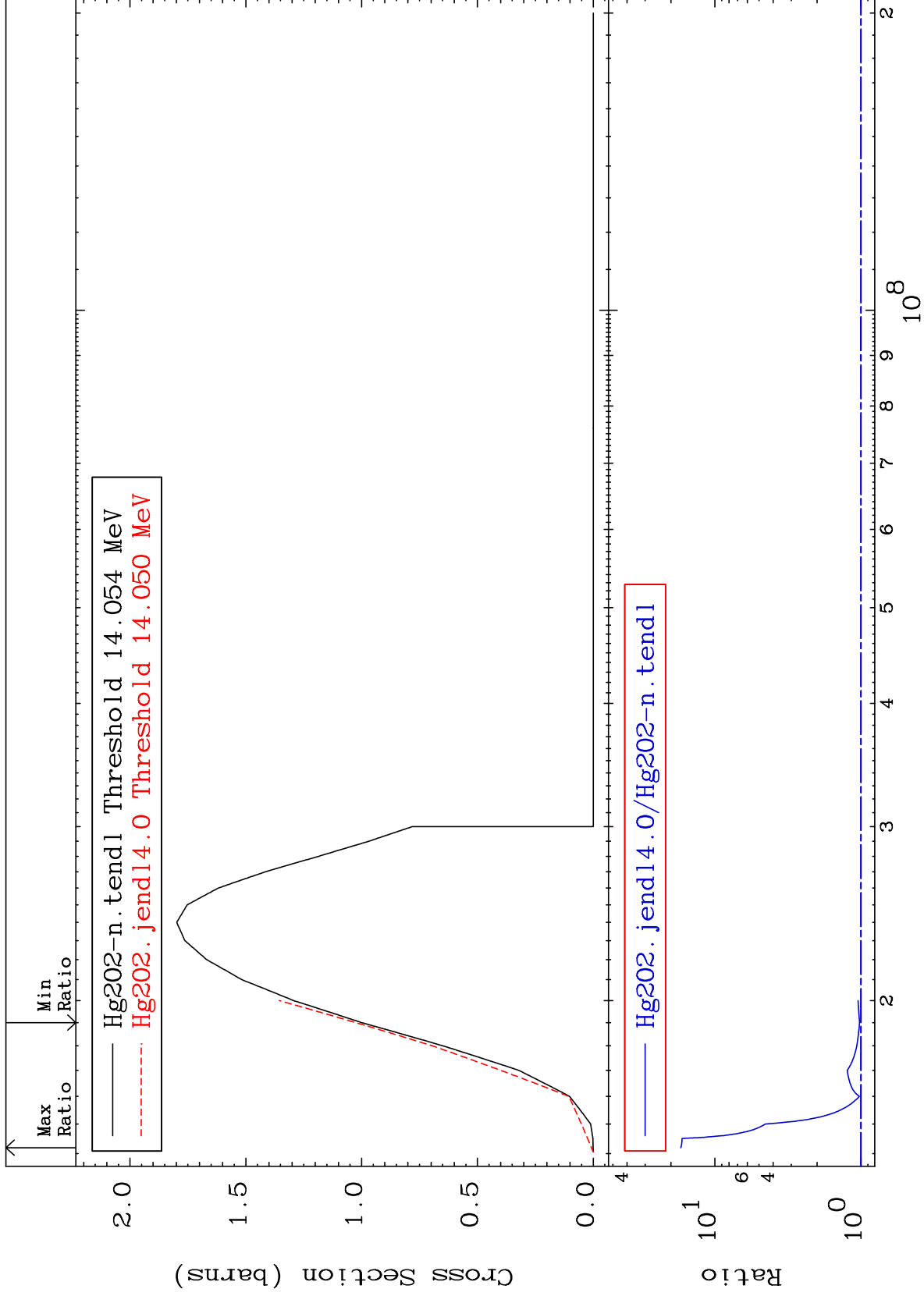
MAT 8043

(n,3n)

80-Hg-202

Cross Section

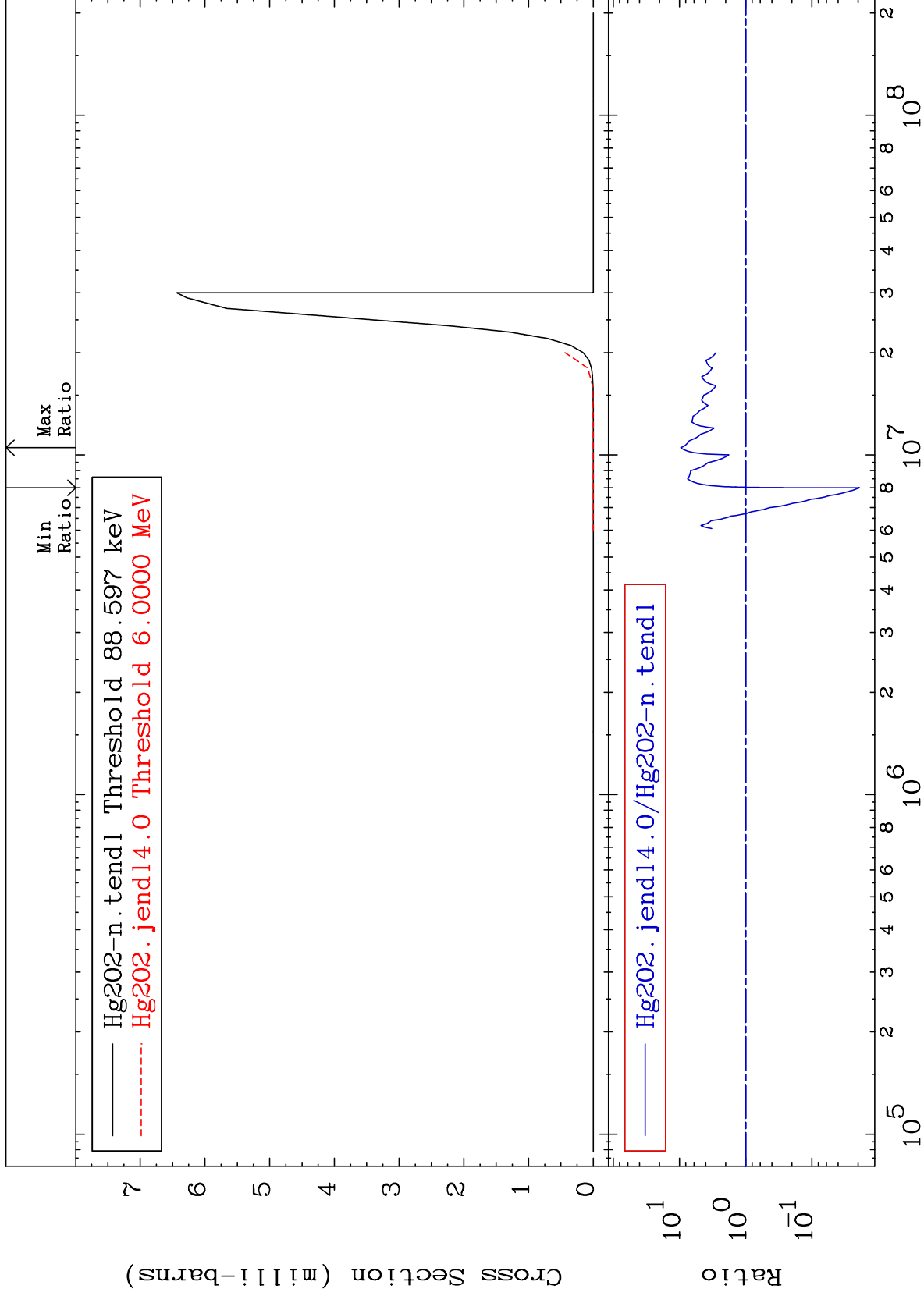
2.474 To 1613. %



MAT 8043

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

80-Hg-202
-98.10 To 853.6 %



6

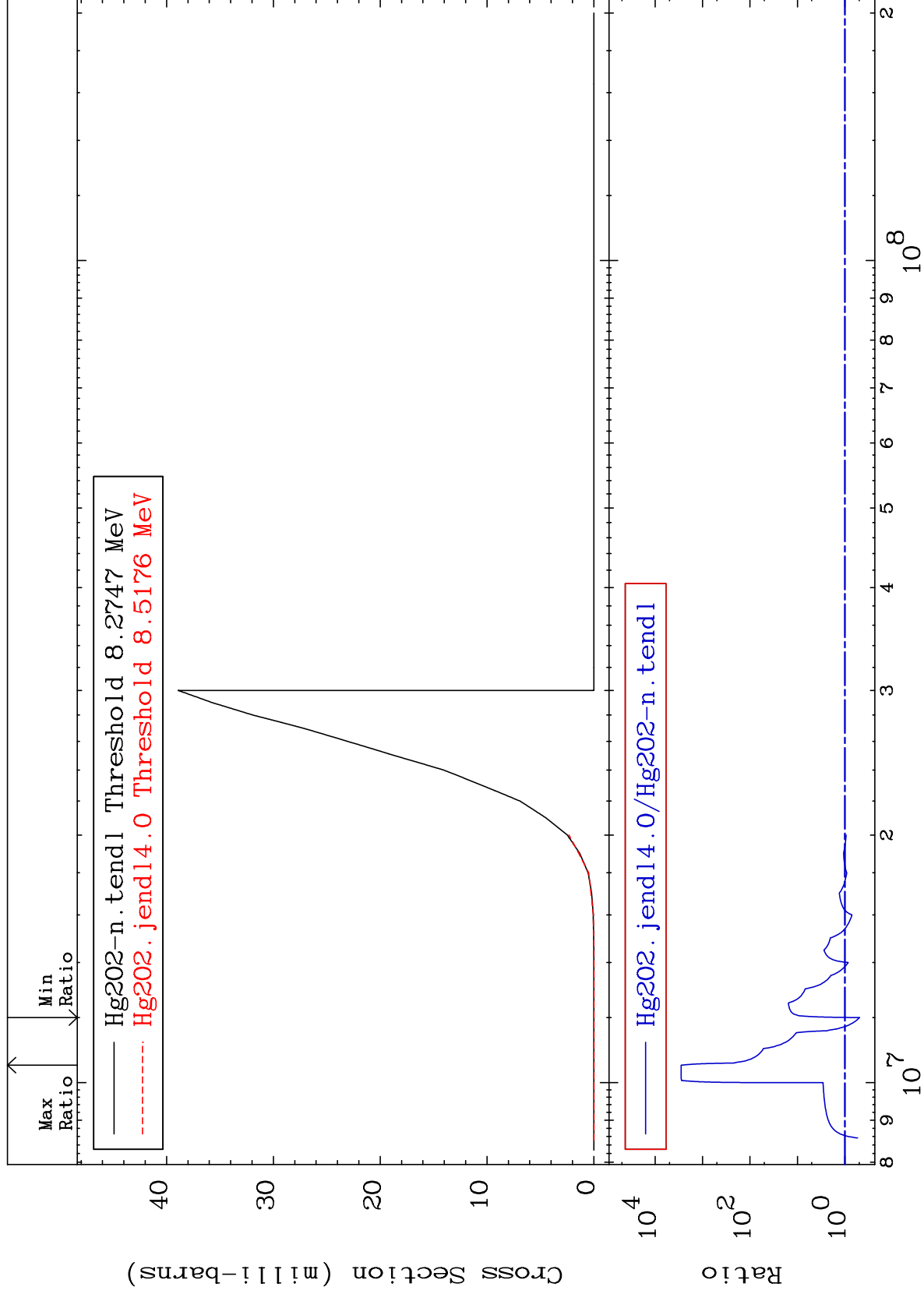
80-Hg-202

80-Hg-202

MAT 8043

(n,n') p
Cross Section

80-Hg-202
-51.24 To 9999. %



7

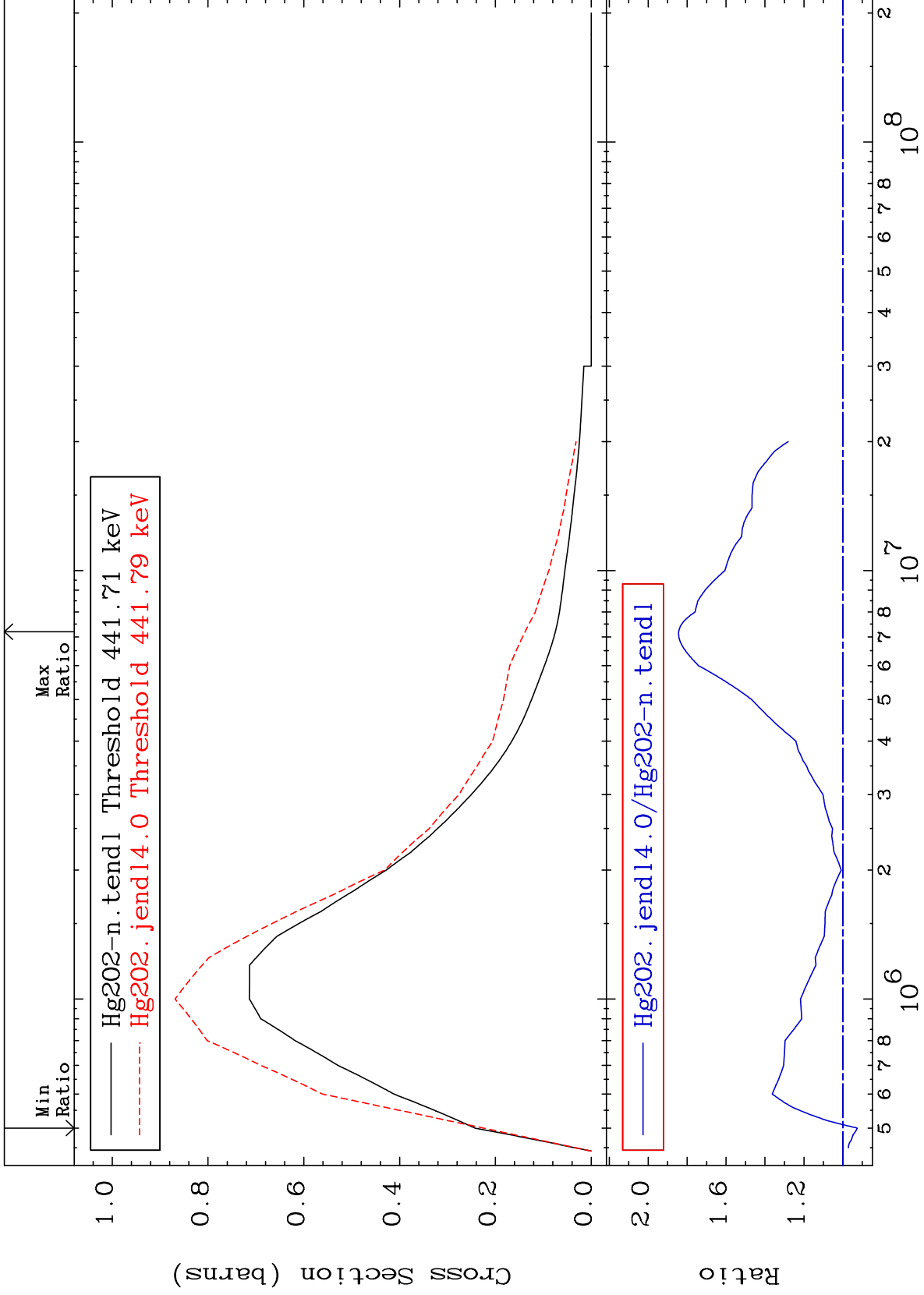
Incident Energy (eV)

80-Hg-202

MAT 8043

439.5 keV (n,n') Level
Cross Section

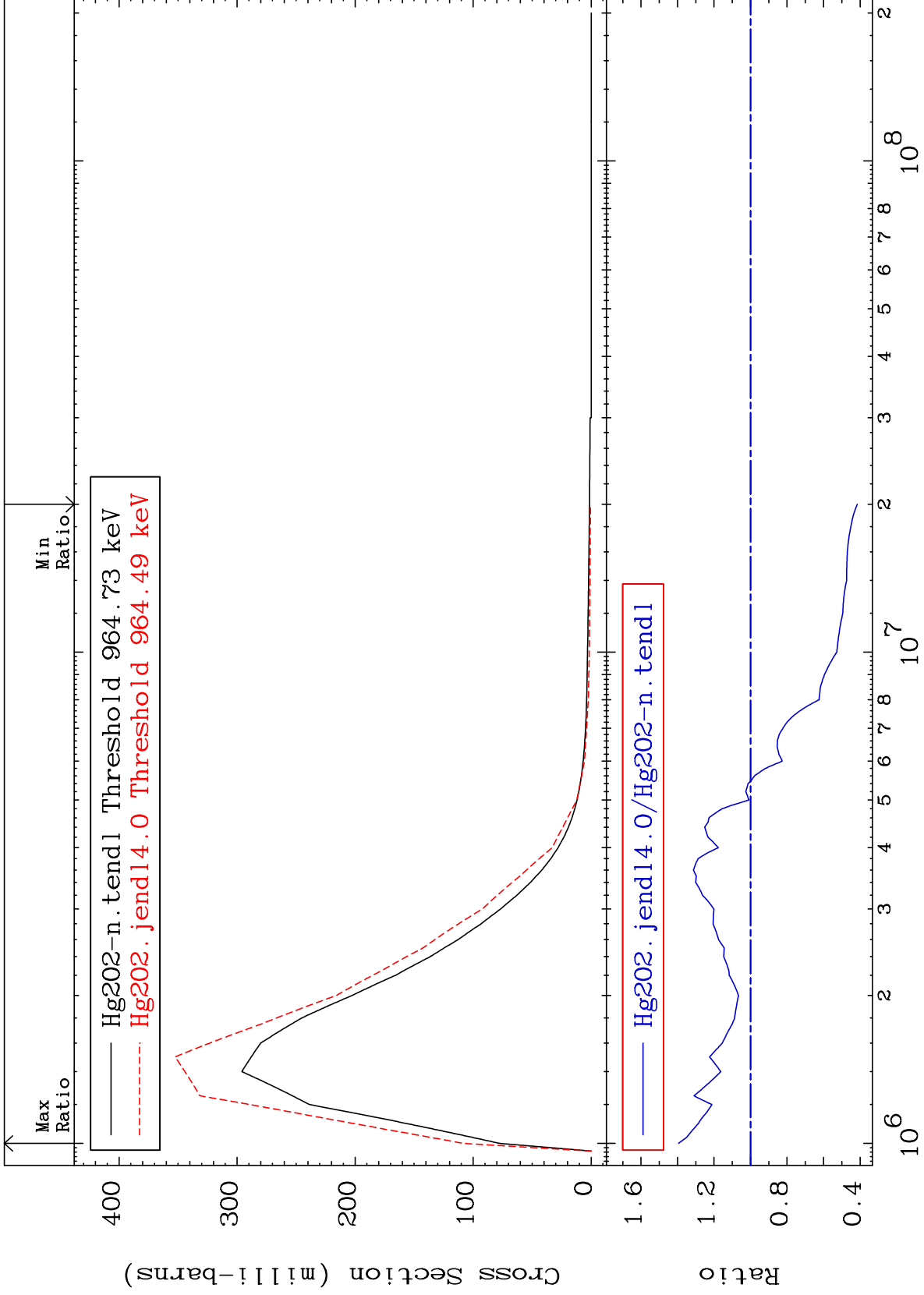
80-Hg-202
-7.409 To 84.36 %



MAT 8043

959.9 keV (n,n') Level
Cross Section

80-Hg-202
-58.46 To 39.39 %



9

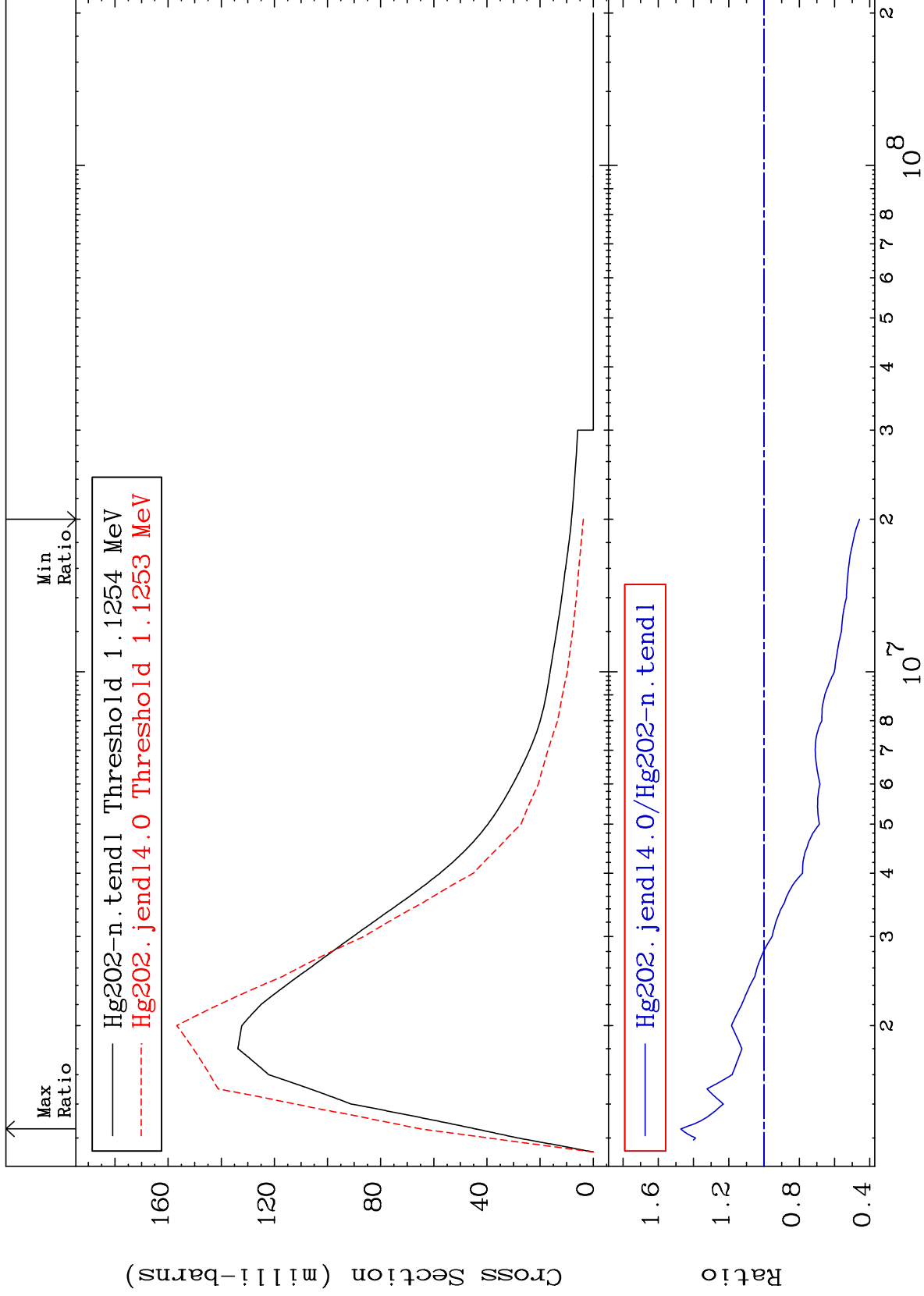
Incident Energy (eV)

80-Hg-202

MAT 8043

1.120 MeV (n,n') Level
Cross Section

80-Hg-202
-54.17 To 47.23 %



10

Incident Energy (eV)

80-Hg-202

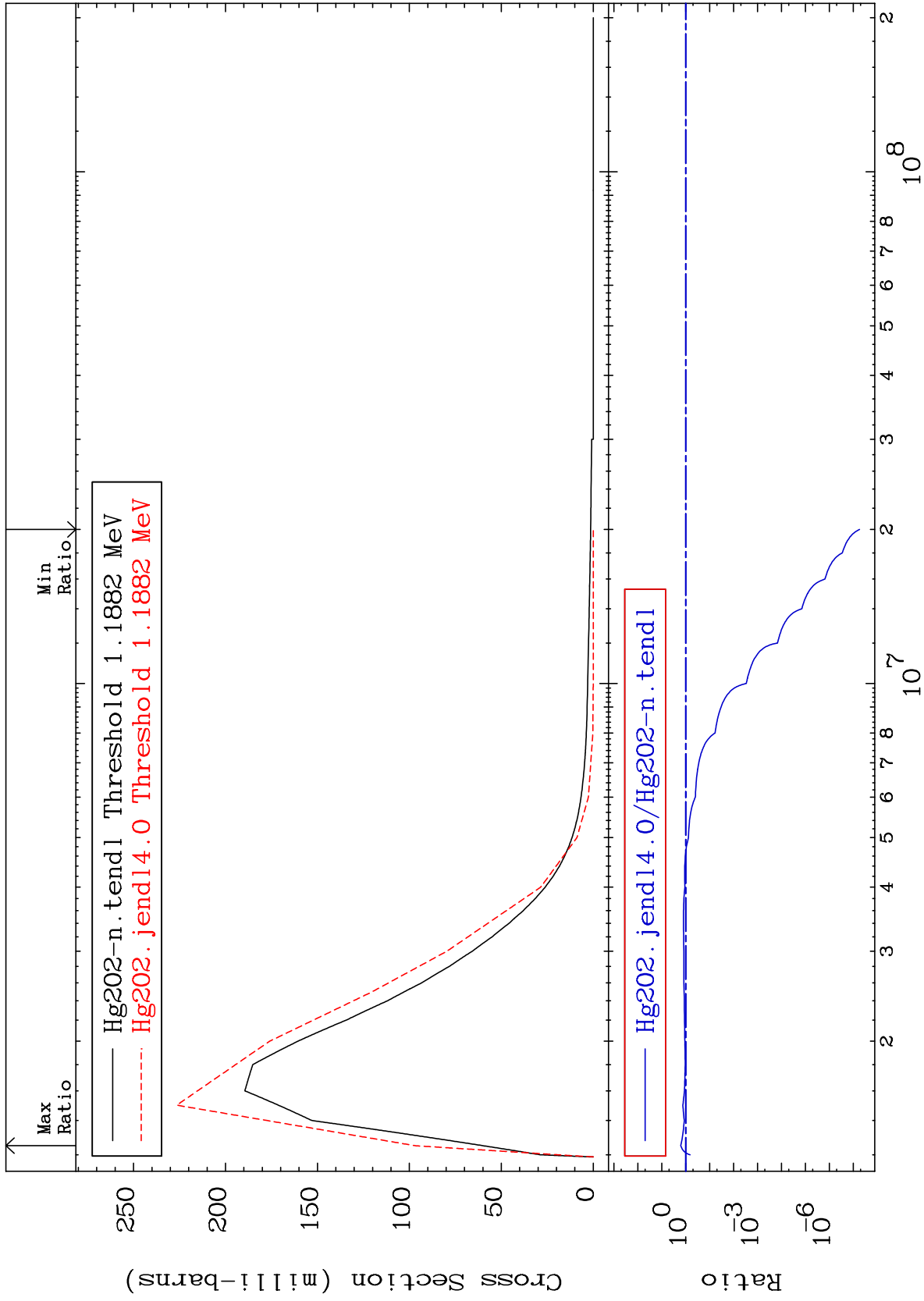
MAT 8043

1.182 MeV (n,n') Level

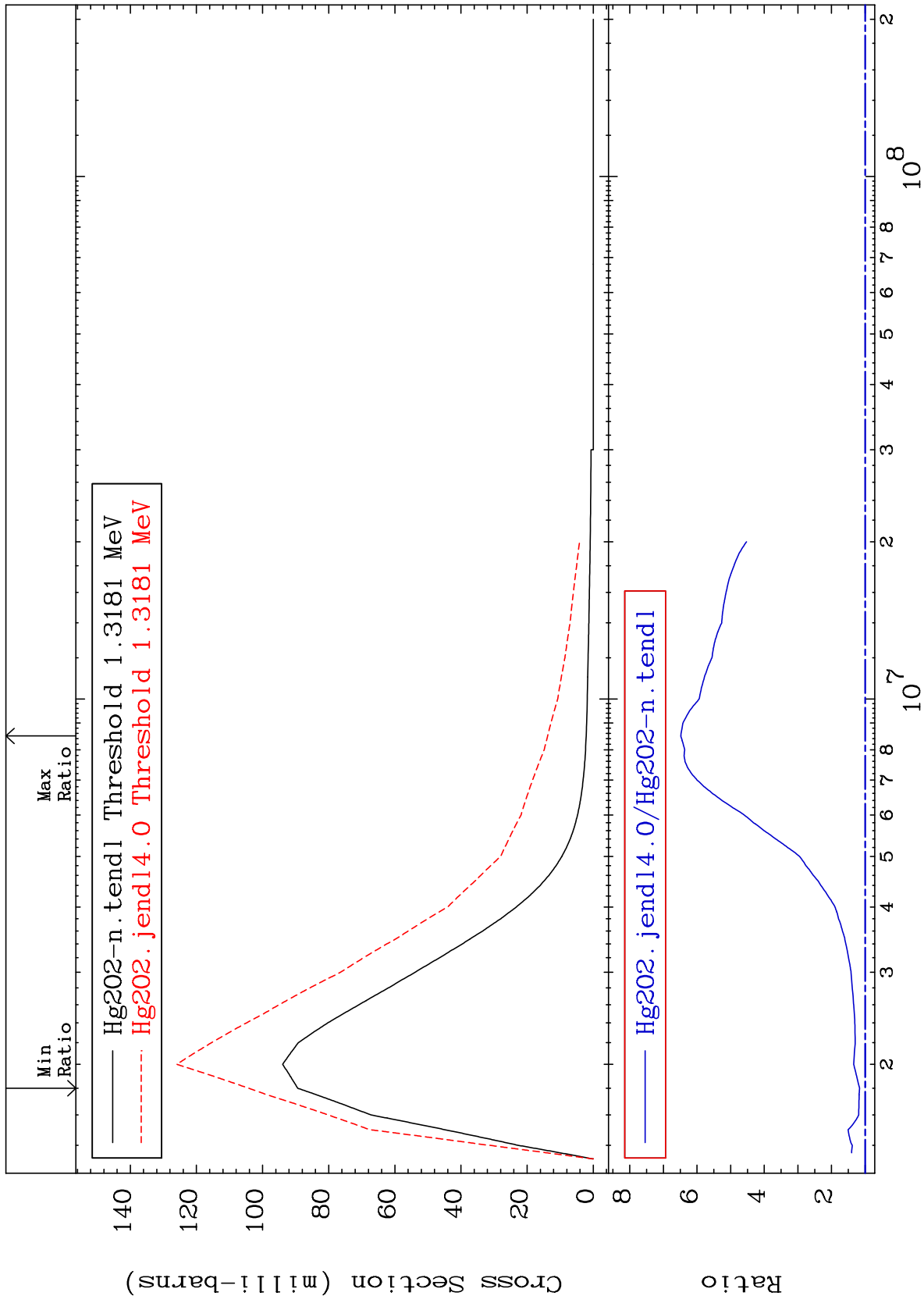
80-Hg-202

-100.0 To 61.76 %

Cross Section



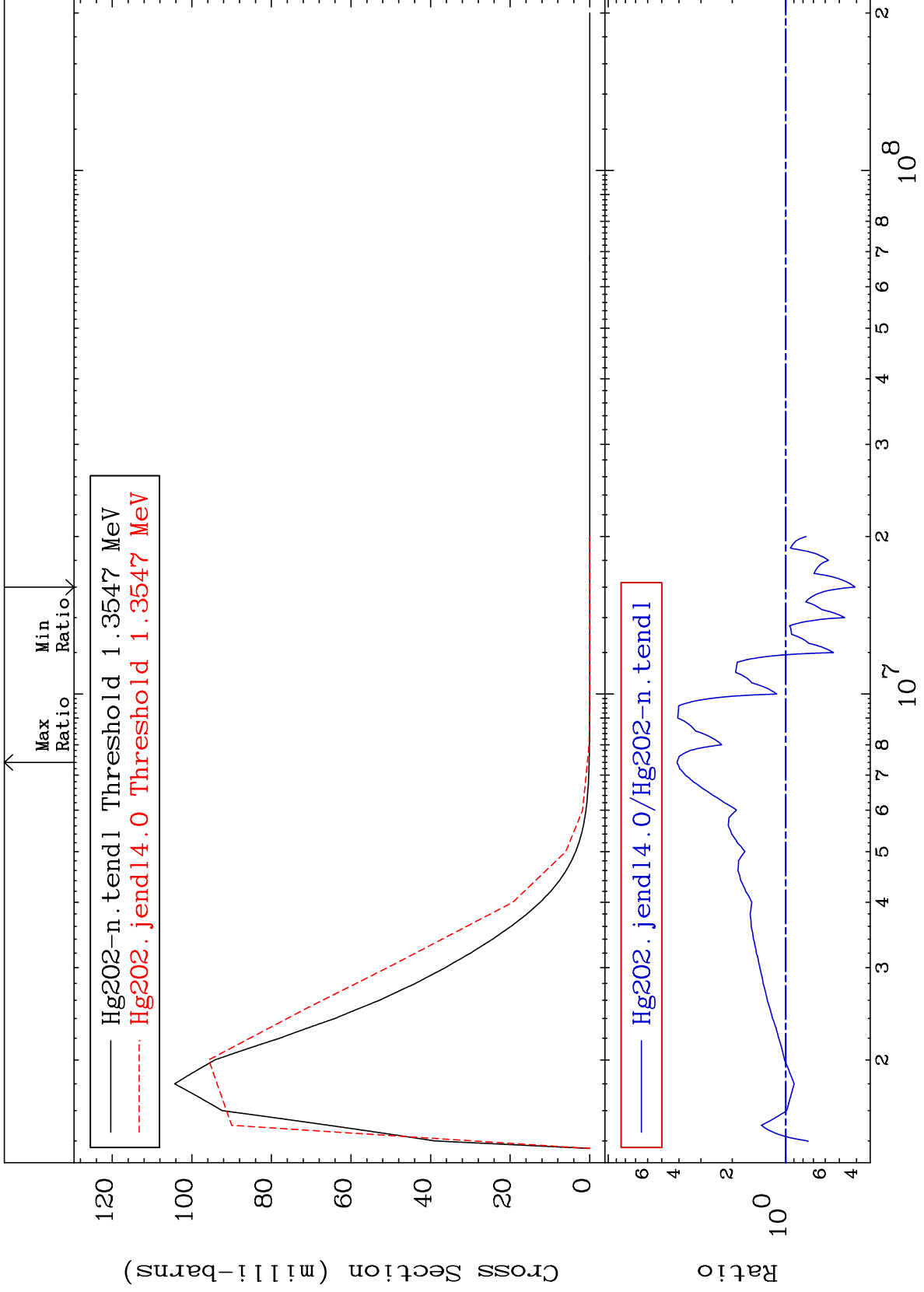
MAT 8043 1.312 MeV (n,n') Level Cross Section 80-Hg-202
 16.60 To 548.3 %



MAT 8043

1.348 MeV (n,n') Level
Cross Section

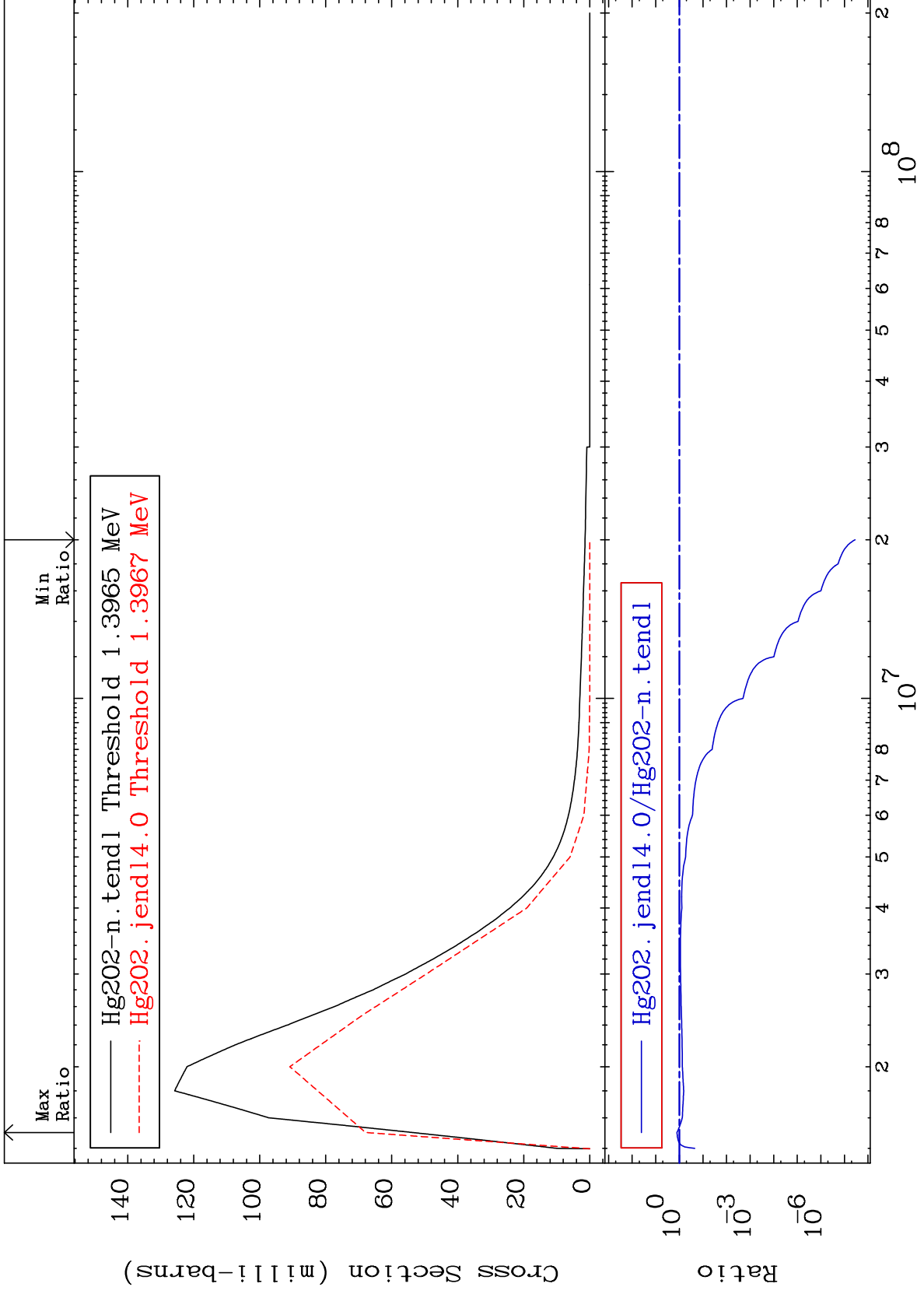
80-Hg-202
-59.29 To 310.1 %



MAT 8043

1.390 MeV (n,n') Level
Cross Section

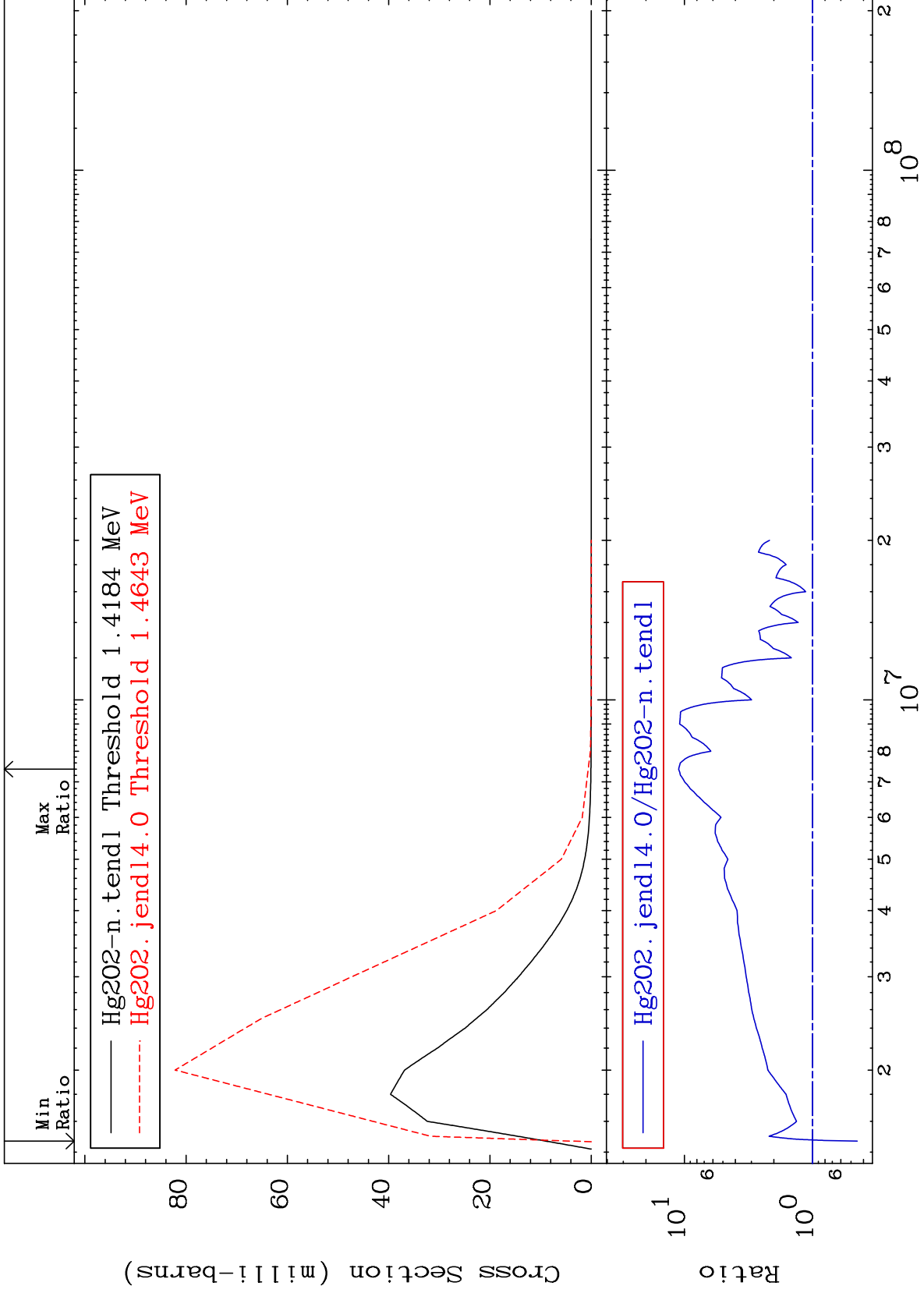
80-Hg-202
-100.0 To 26.48 %



MAT 8043

1.411 MeV (n,n') Level
Cross Section

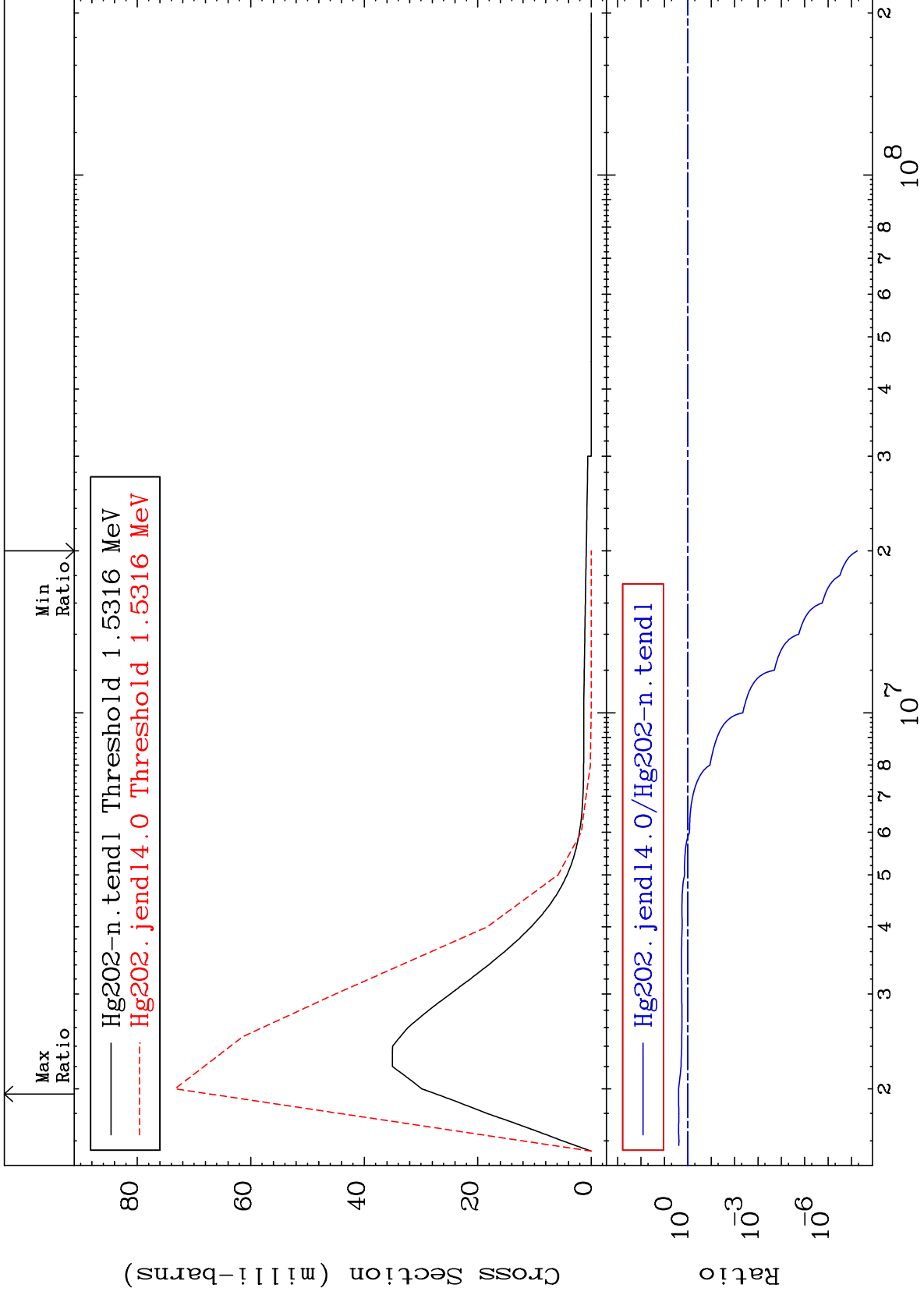
80-Hg-202
-55.27 To 1010. %



MAT 8043

1.524 MeV (n,n') Level
Cross Section

80-Hg-202
-100.0 To 146.0 %



17

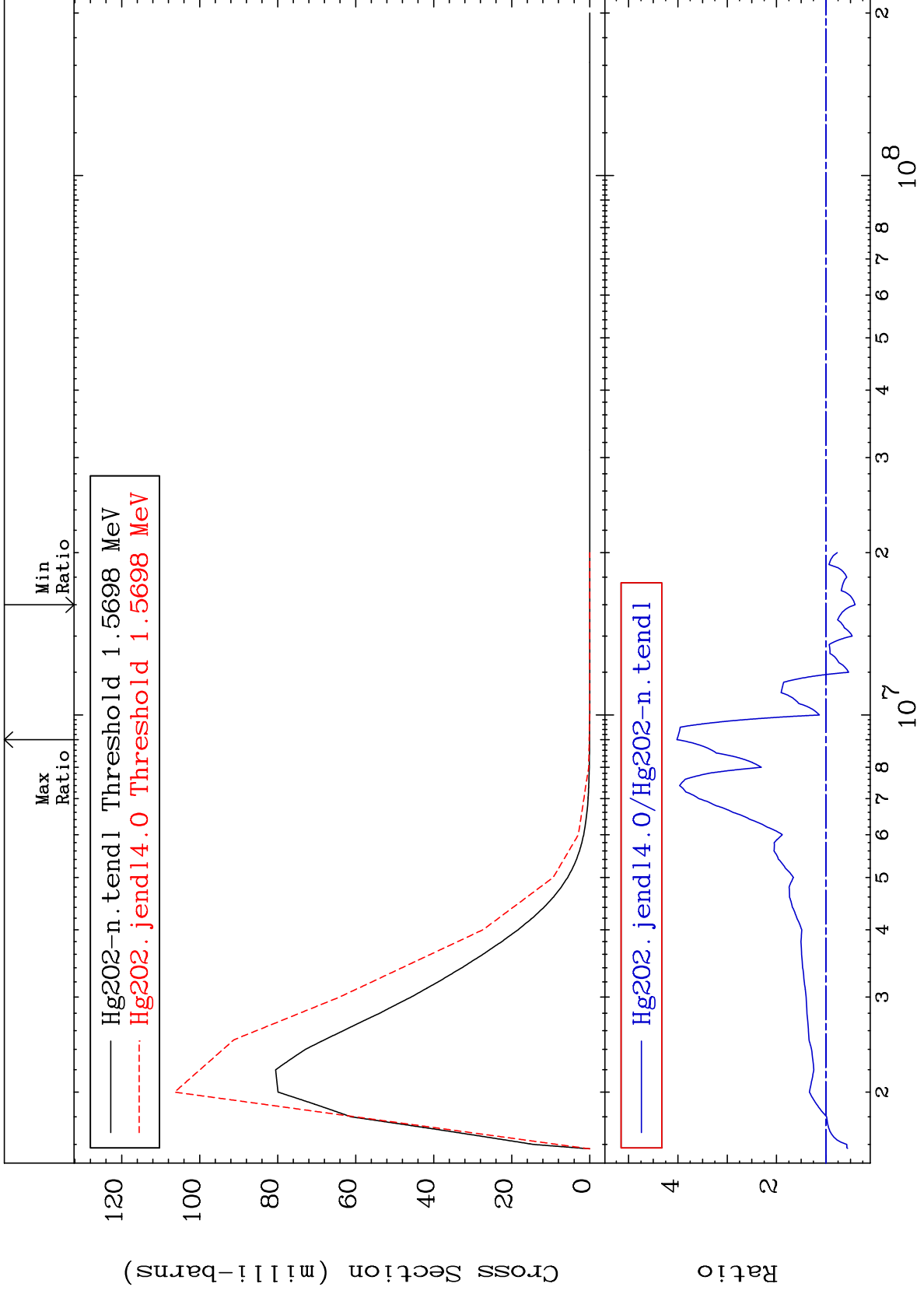
Incident Energy (eV)

80-Hg-202

MAT 8043

1.562 MeV (n,n') Level
Cross Section

80-Hg-202
-59.46 To 302.0 %



18

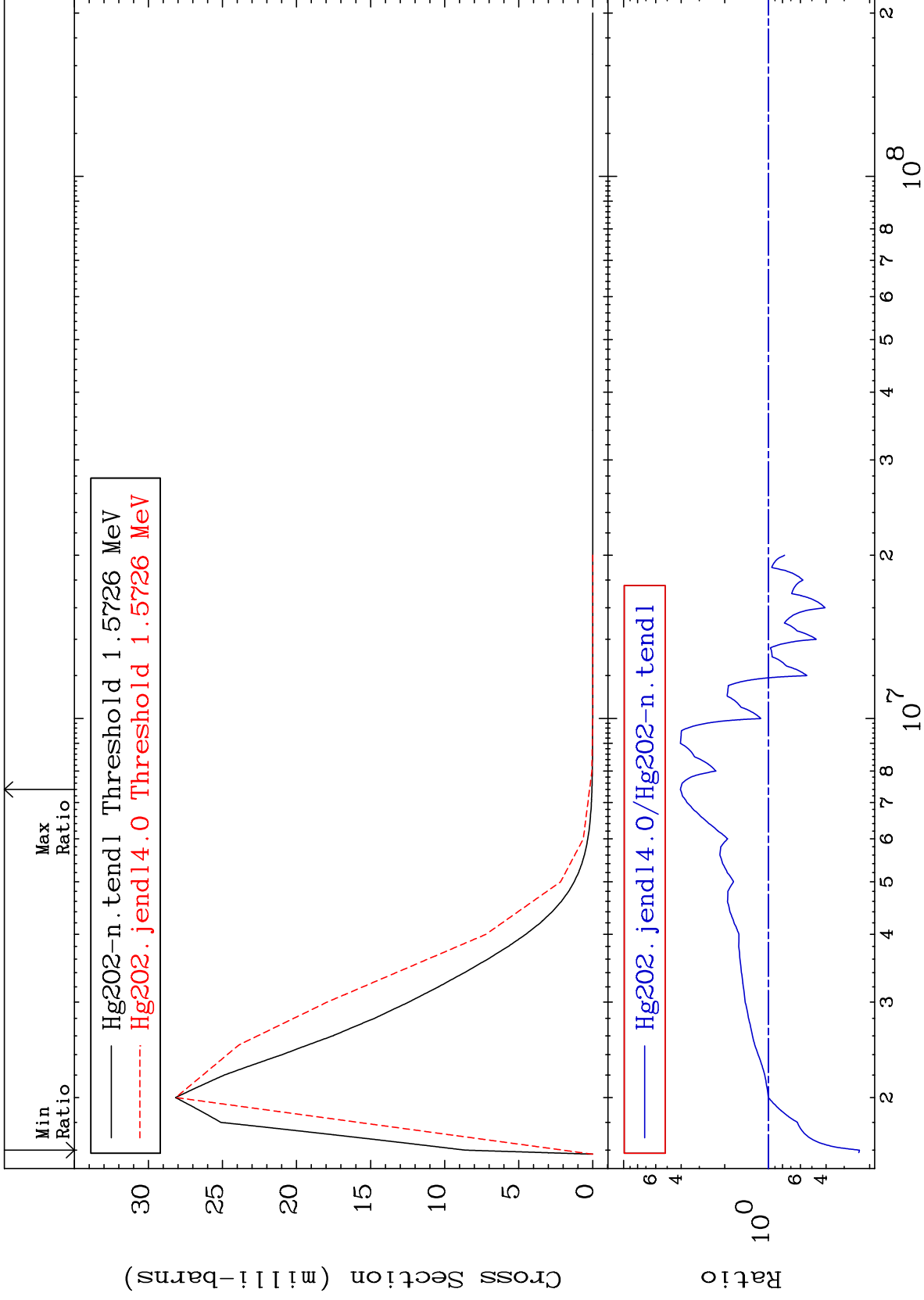
Incident Energy (eV)

80-Hg-202

MAT 8043

1.565 MeV (n,n') Level
Cross Section

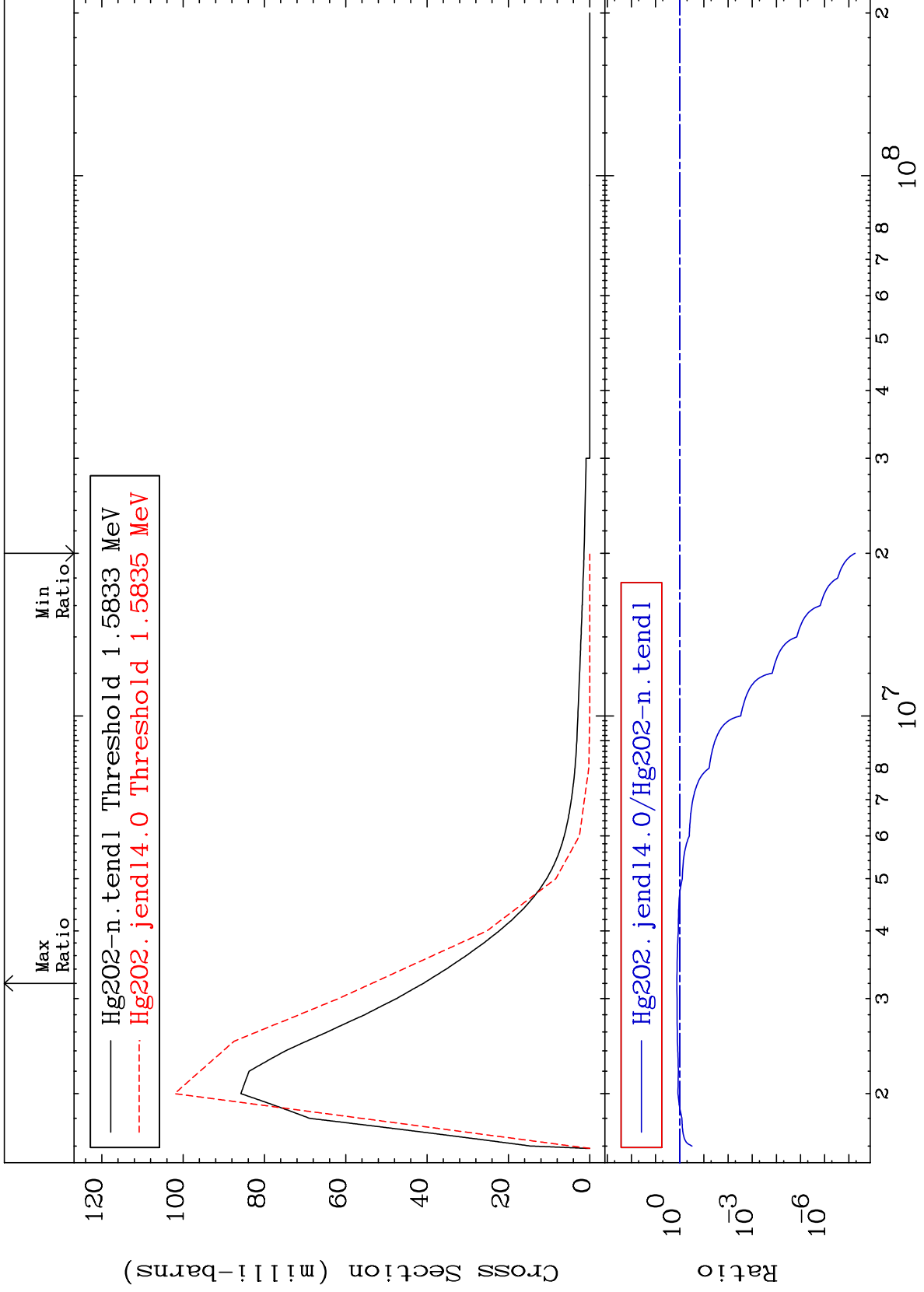
80-Hg-202
-76.48 To 305.1 %



MAT 8043

1.575 MeV (n,n') Level
Cross Section

80-Hg-202
-100.0 To 30.92 %



20

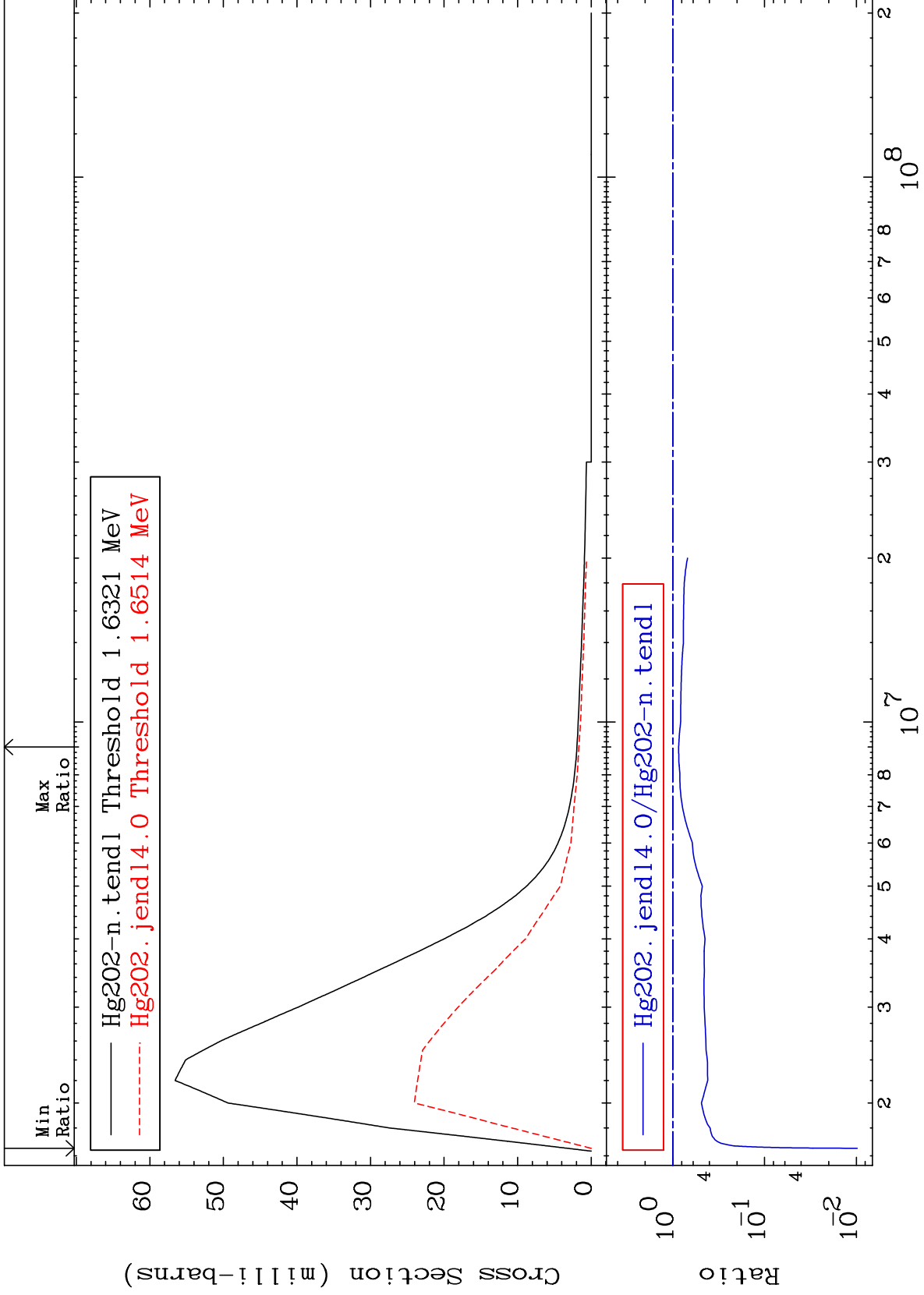
Incident Energy (eV)

80-Hg-202

MAT 8043

1.624 MeV (n,n') Level
Cross Section

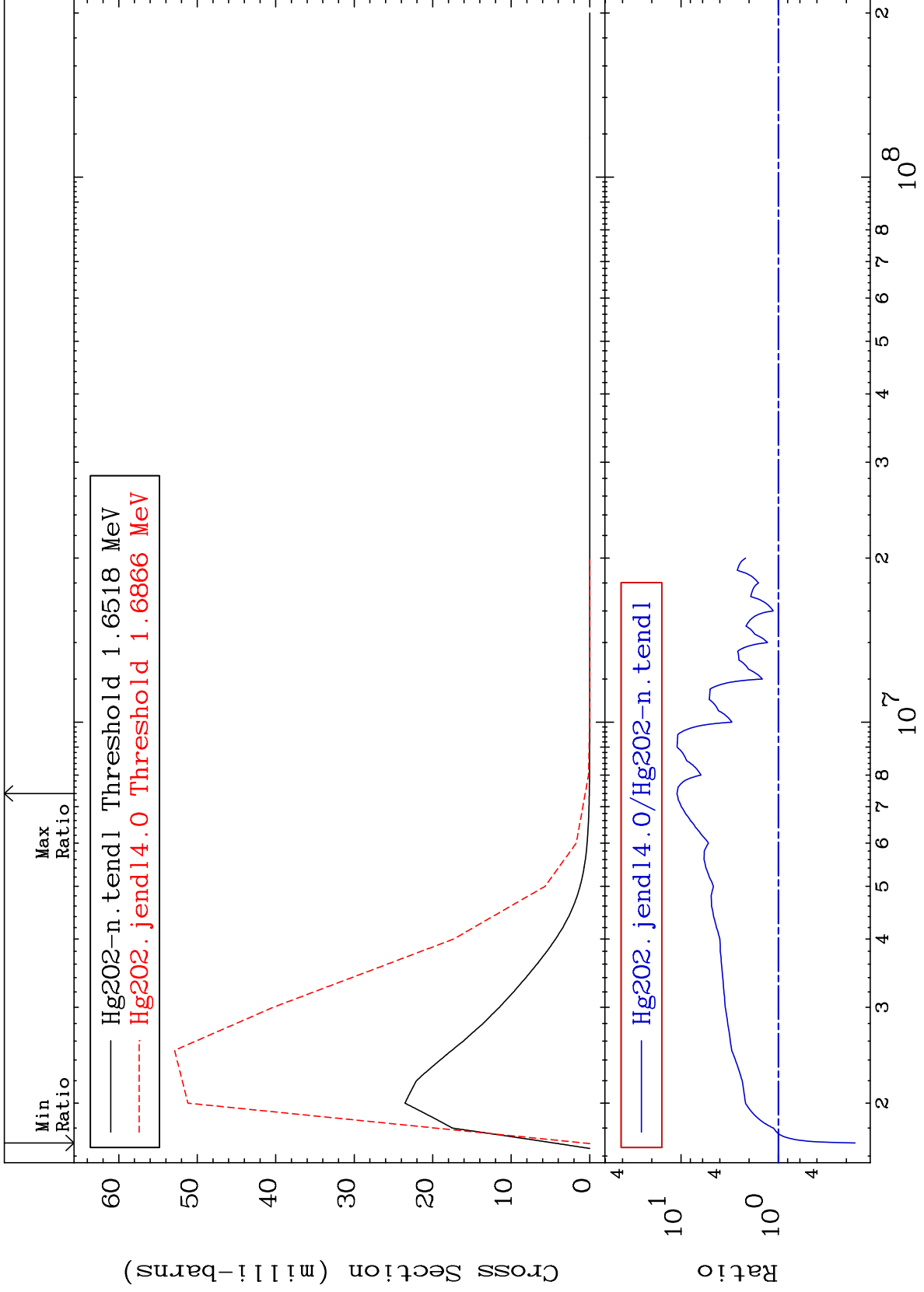
80-Hg-202
-99.02 To -13.62%



MAT 8043

1.644 MeV (n,n') Level
Cross Section

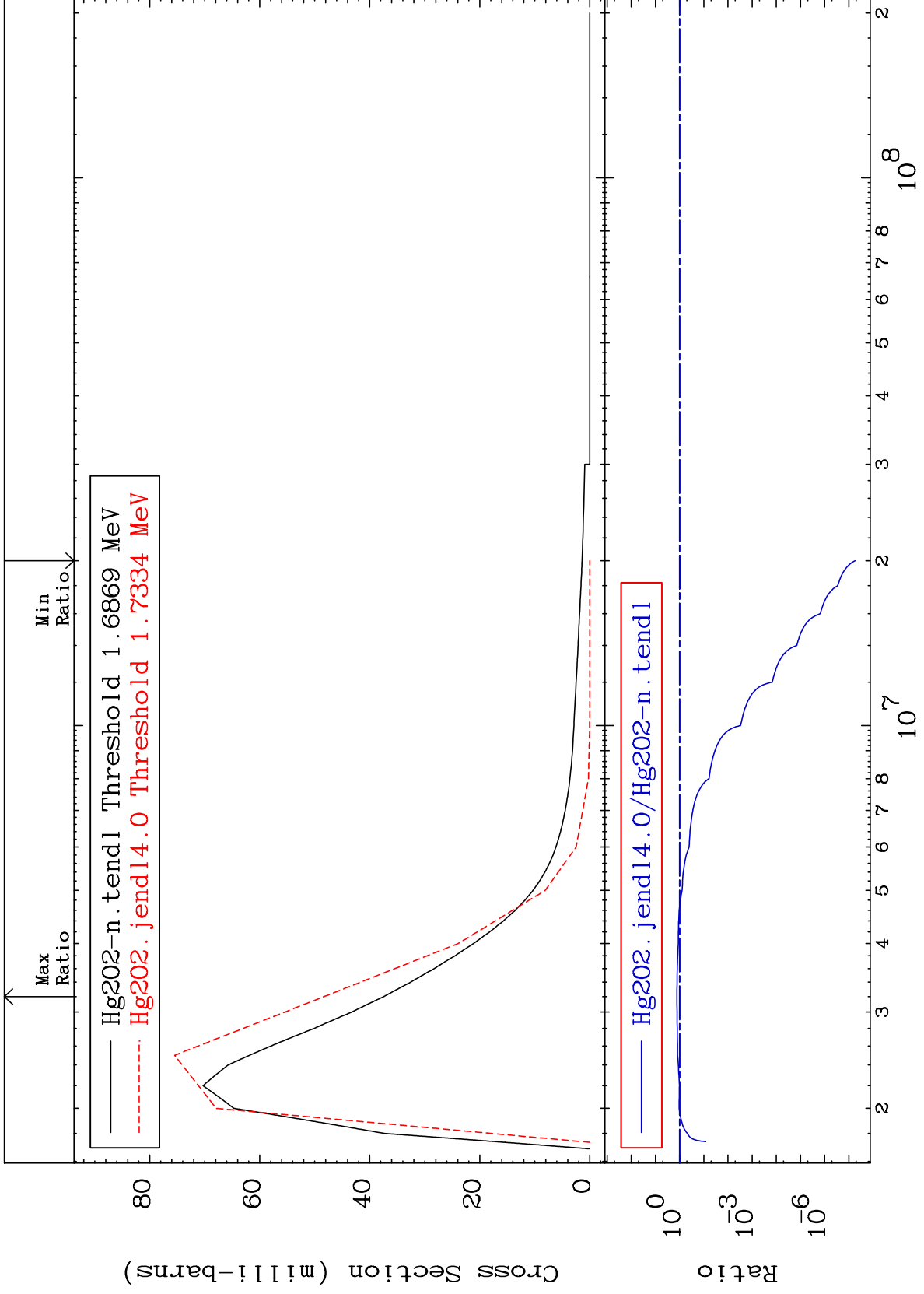
80-Hg-202
-83.76 To 1001. %



MAT 8043

1.679 MeV (n,n') Level
Cross Section

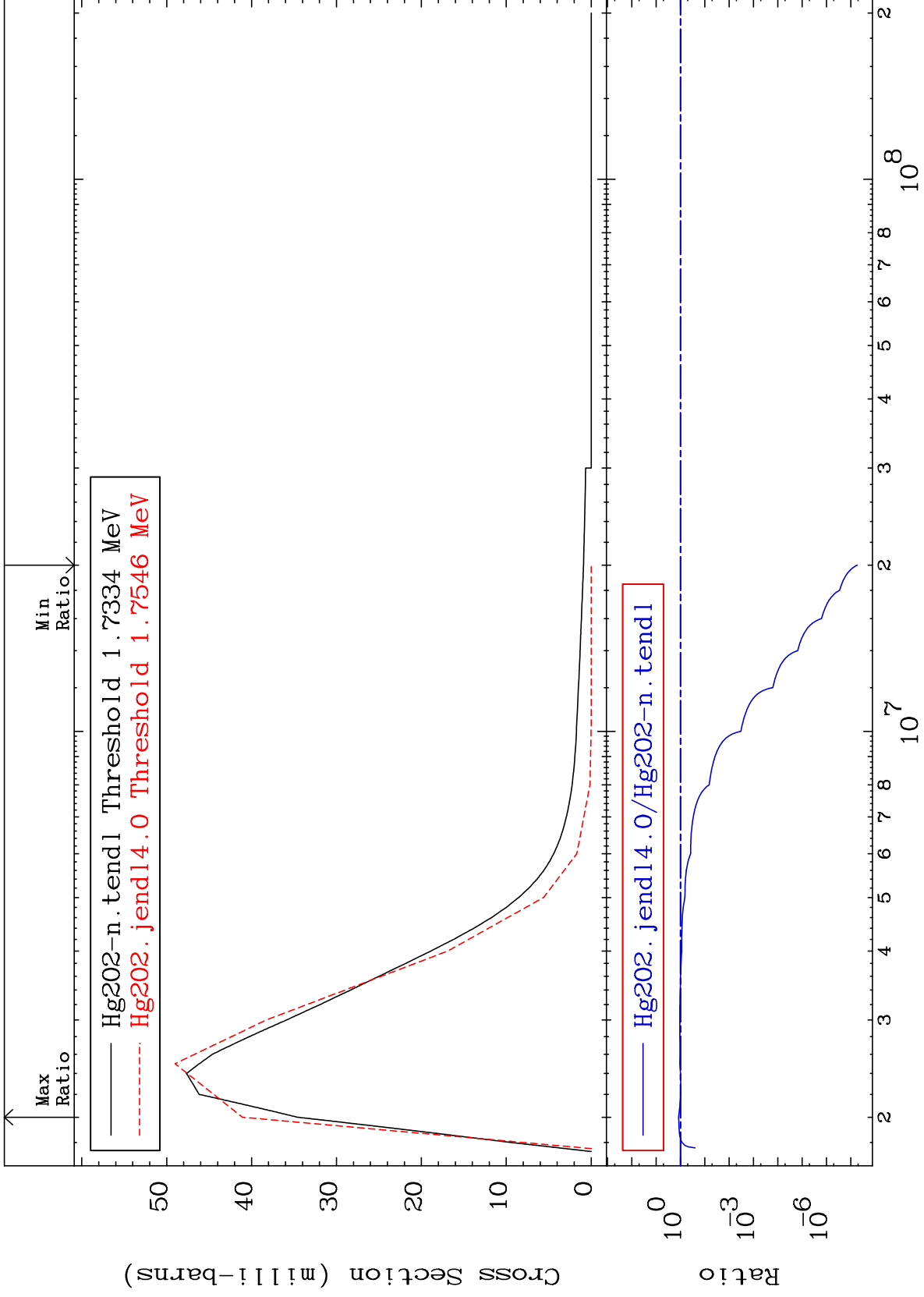
80-Hg-202
-100.0 To 29.01 %



MAT 8043

1.725 MeV (n,n') Level
Cross Section

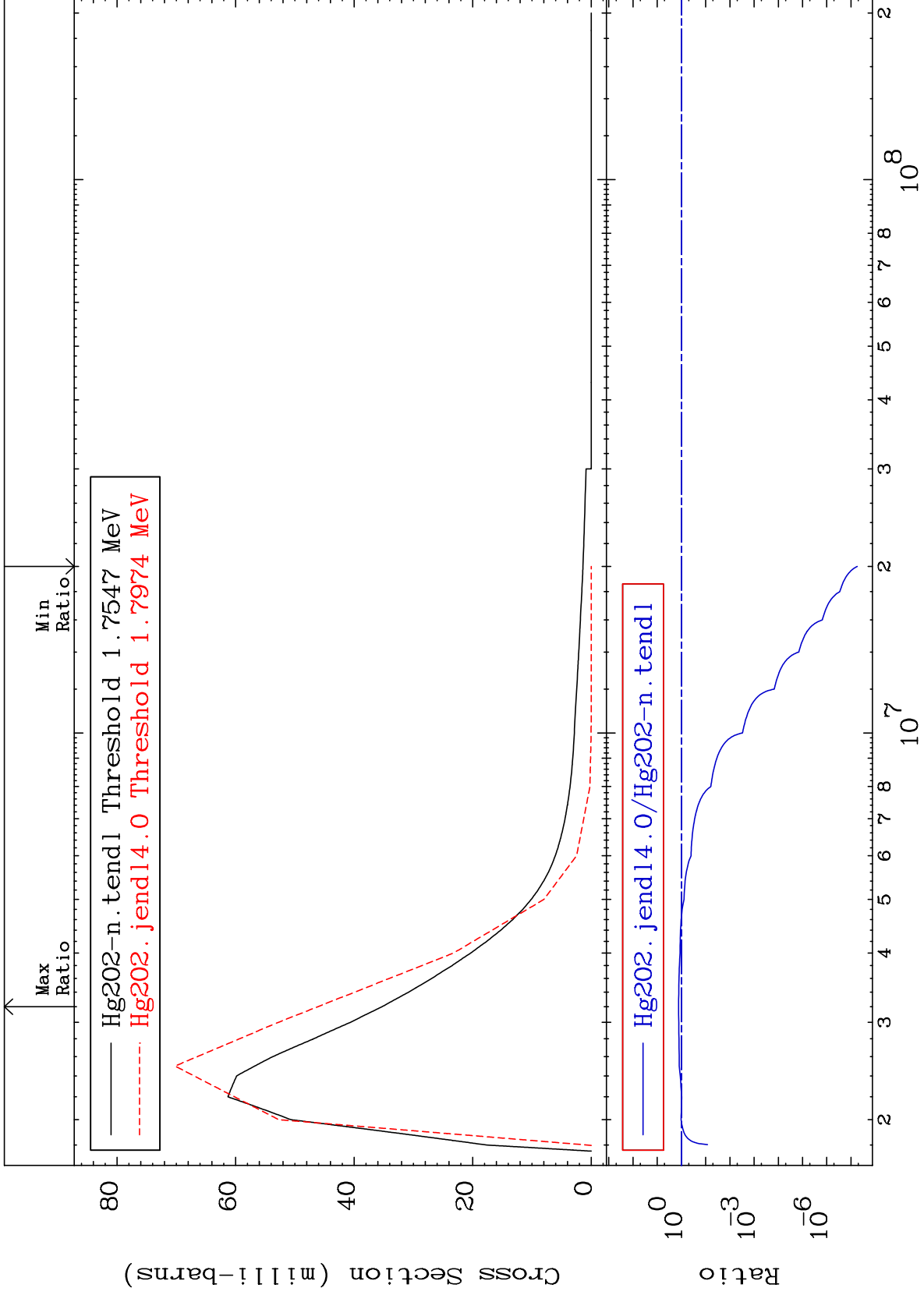
80-Hg-202
-100.0 To 18.78 %



MAT 8043

1.746 MeV (n,n') Level
Cross Section

80-Hg-202
-100.0 To 30.76 %



25

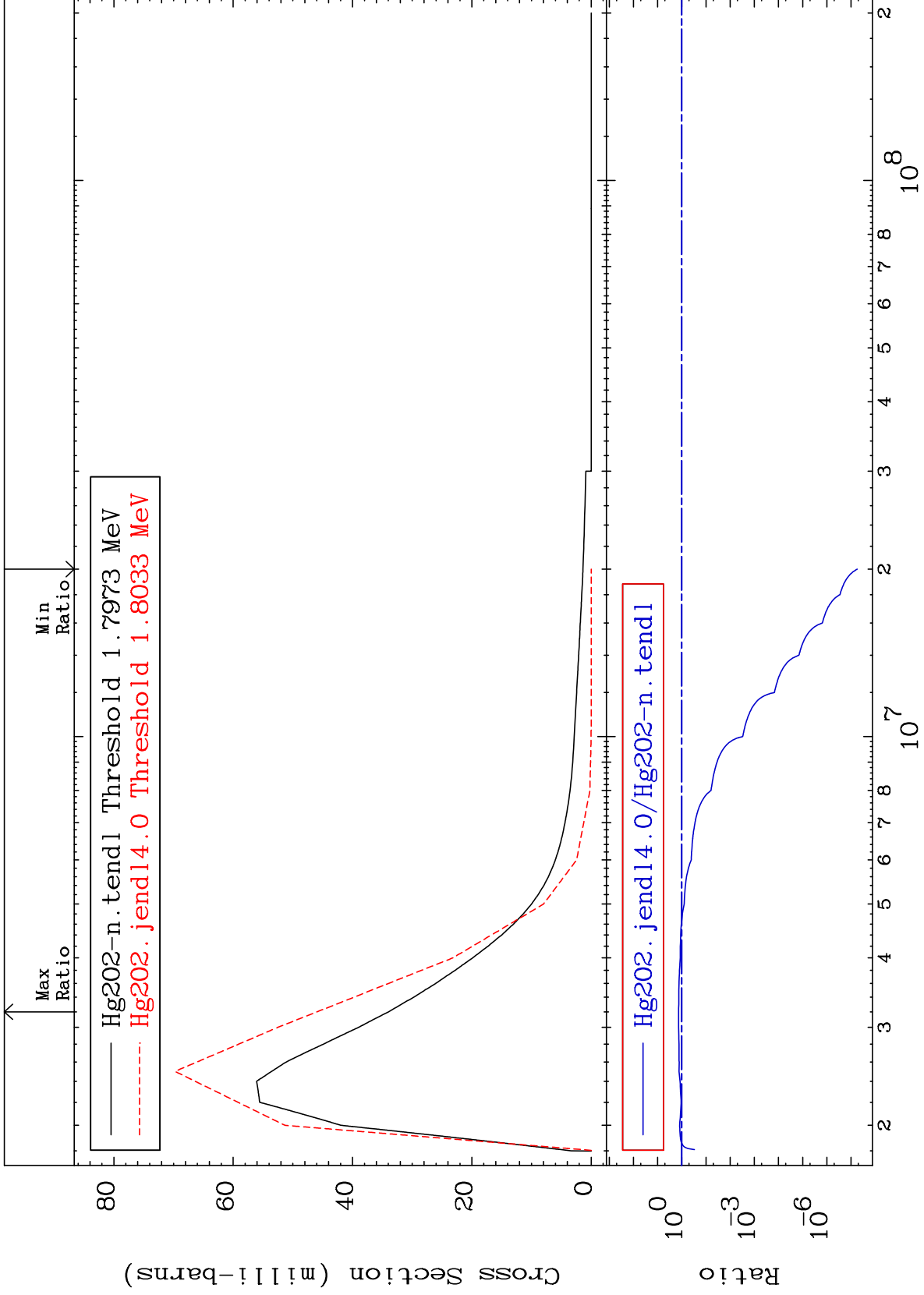
Incident Energy (eV)

80-Hg-202

MAT 8043

1.788 MeV (n,n') Level
Cross Section

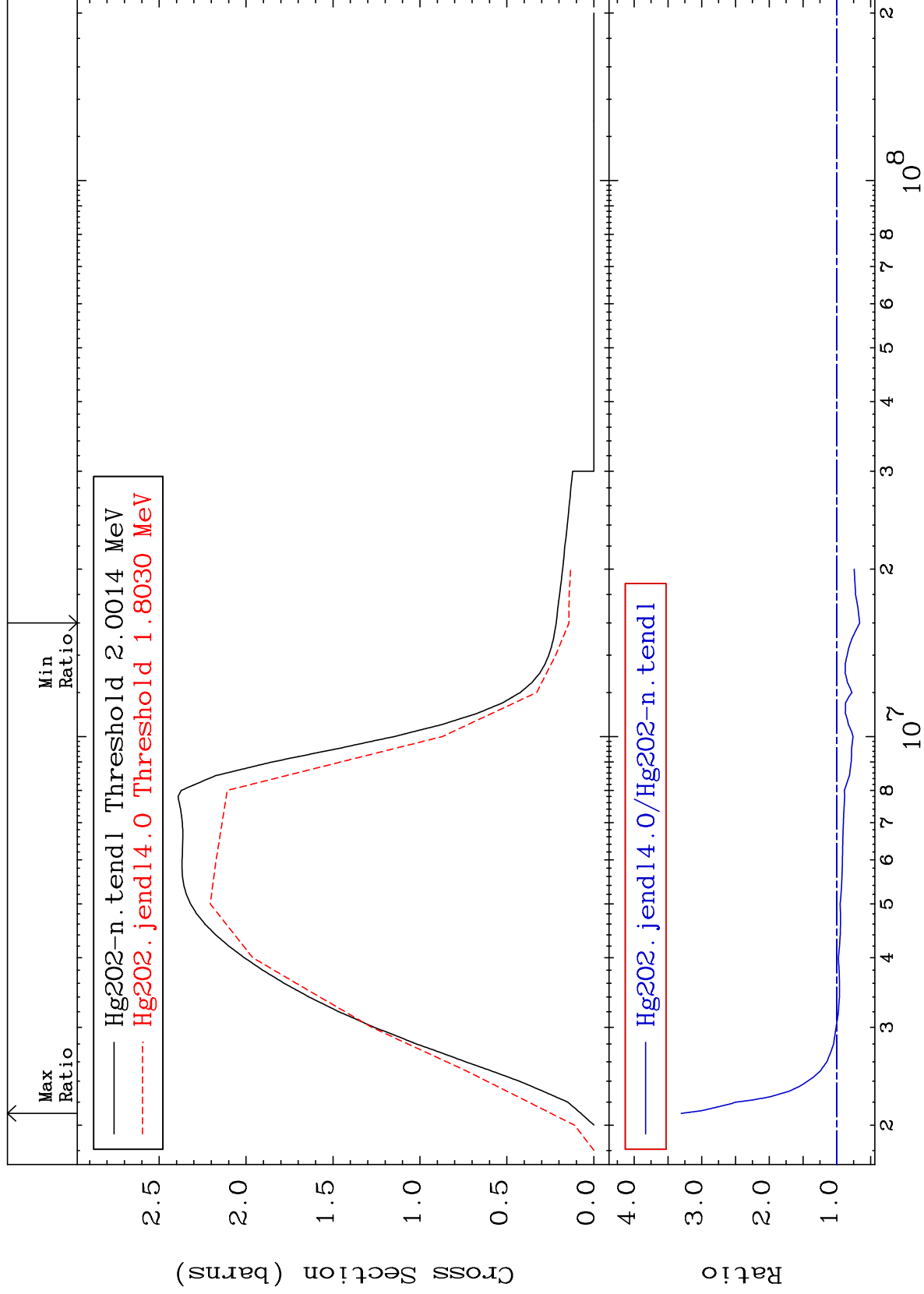
80-Hg-202
-100.0 To 35.26 %



MAT 8043

(n, n') Continuum
Cross Section

80-Hg-202
-33.79 To 230.4 %

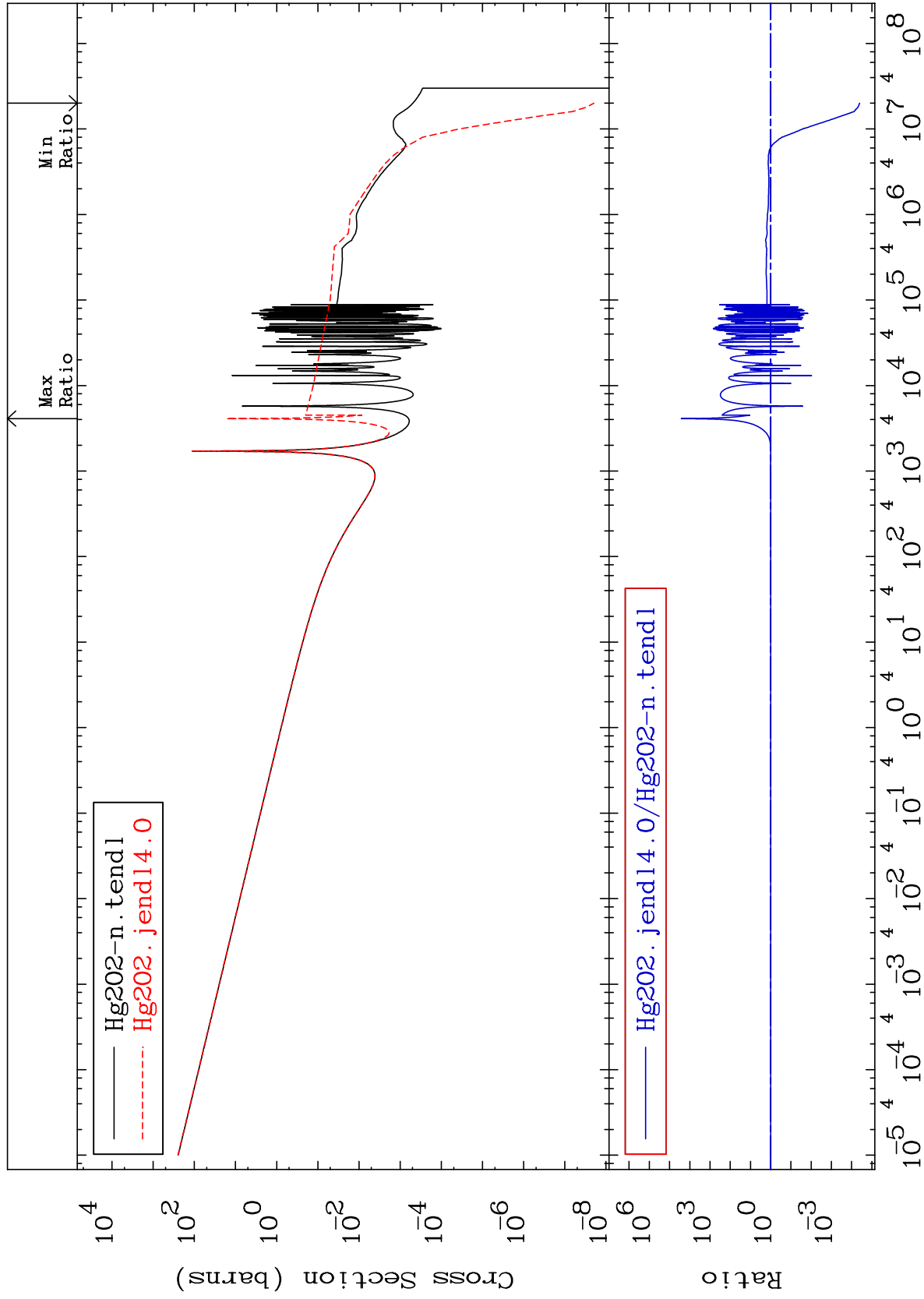


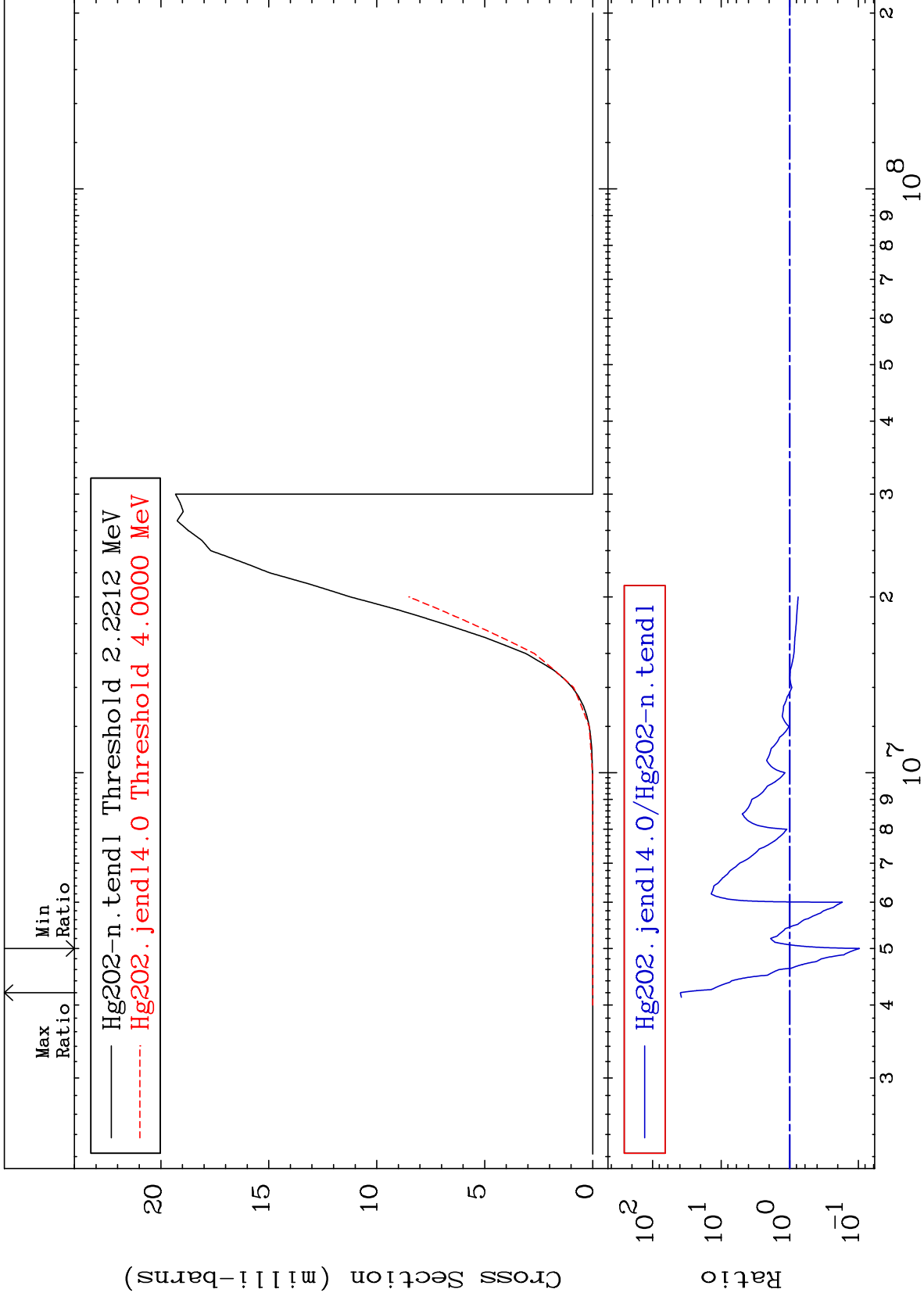
MAT 8043

(n, γ)
Cross Section

80-Hg-202

-100.0 To 9999. %





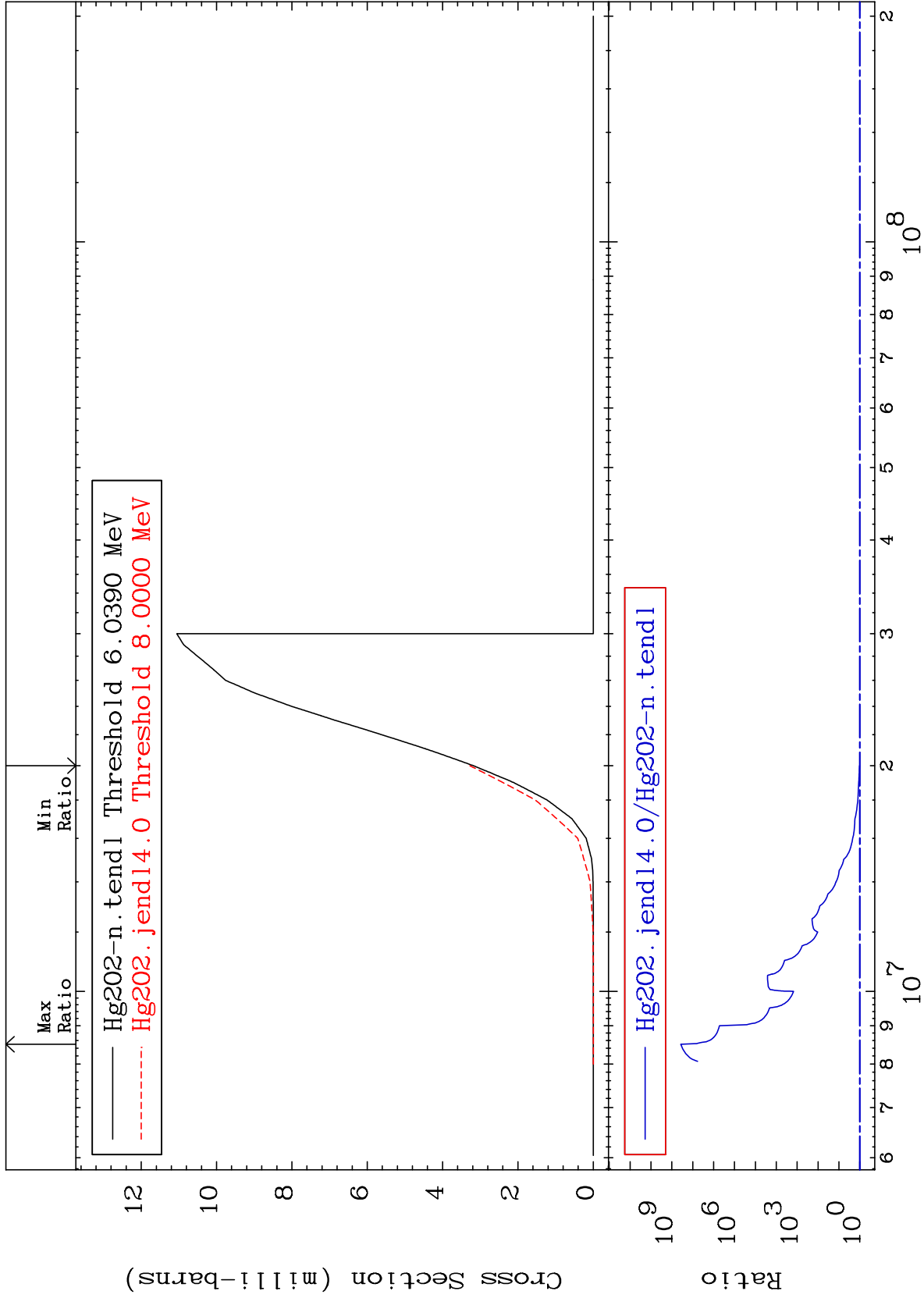
MAT 8043

(n, d)

80-Hg-202

Cross Section

2.984 To 9999. %



30

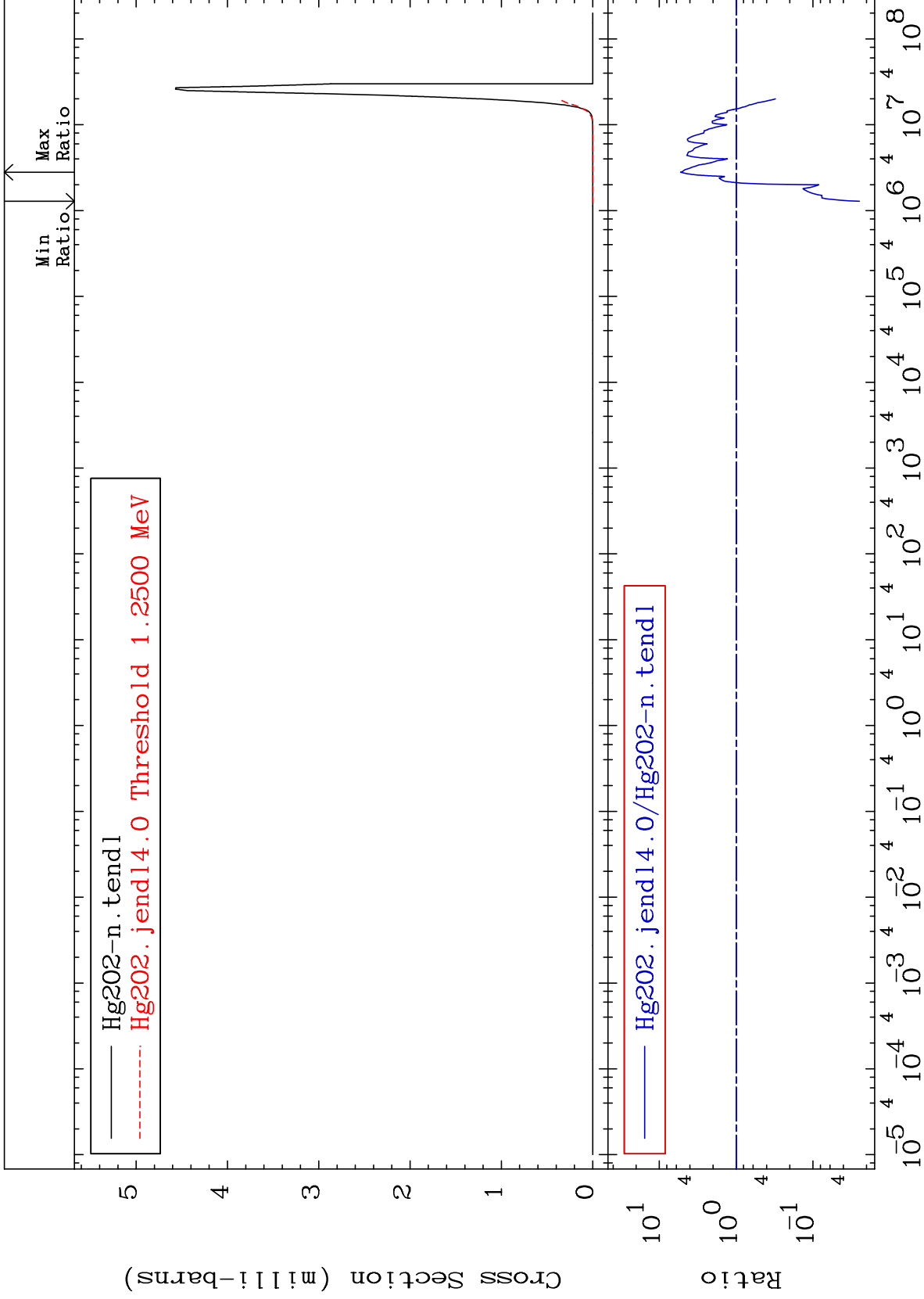
Incident Energy (eV)

80-Hg-202

MAT 8043

(n, α)
Cross Section

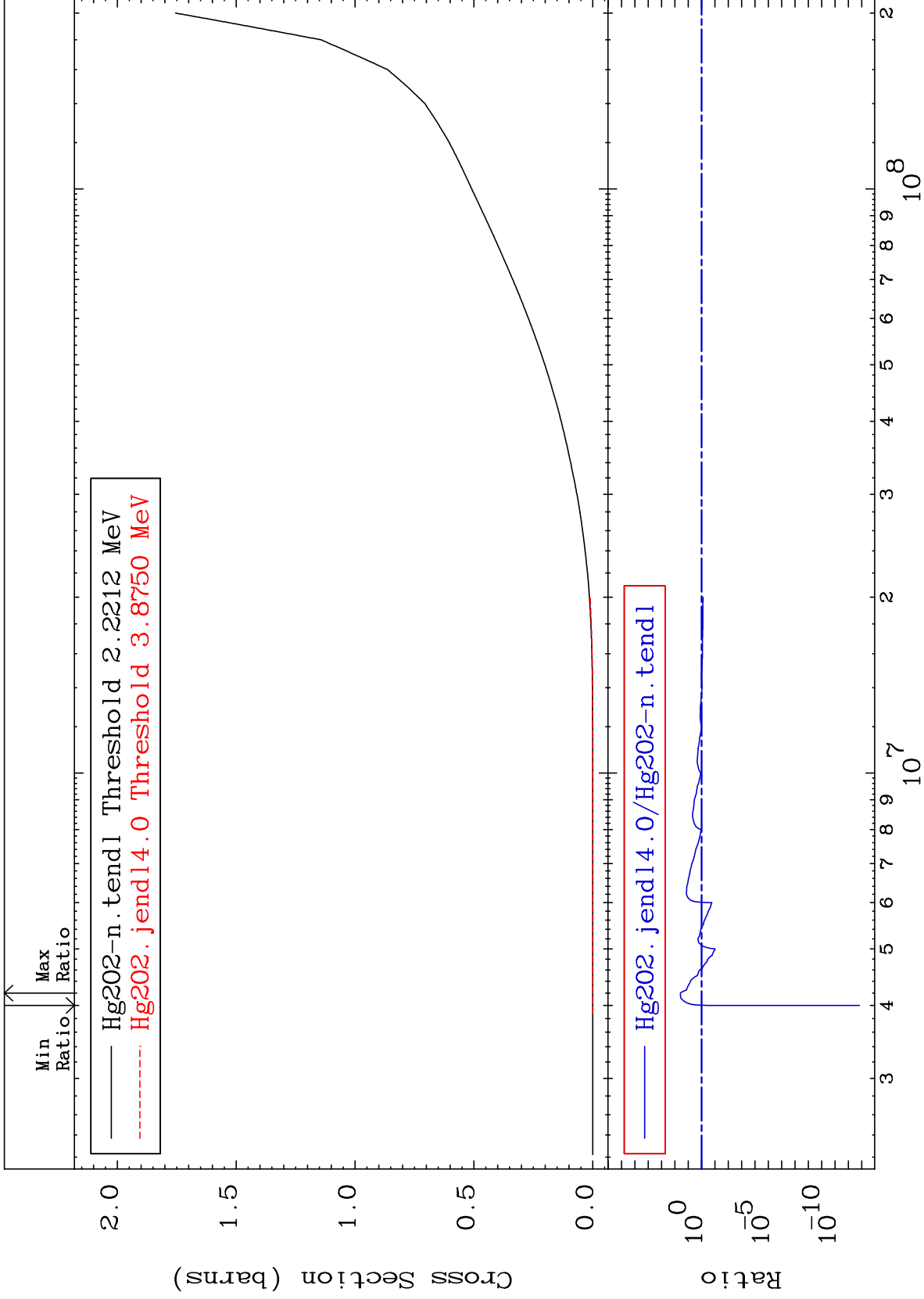
80-Hg-202
-97.52 To 431.9 %



MAT 8043

Hydrogen Production
Cross Section

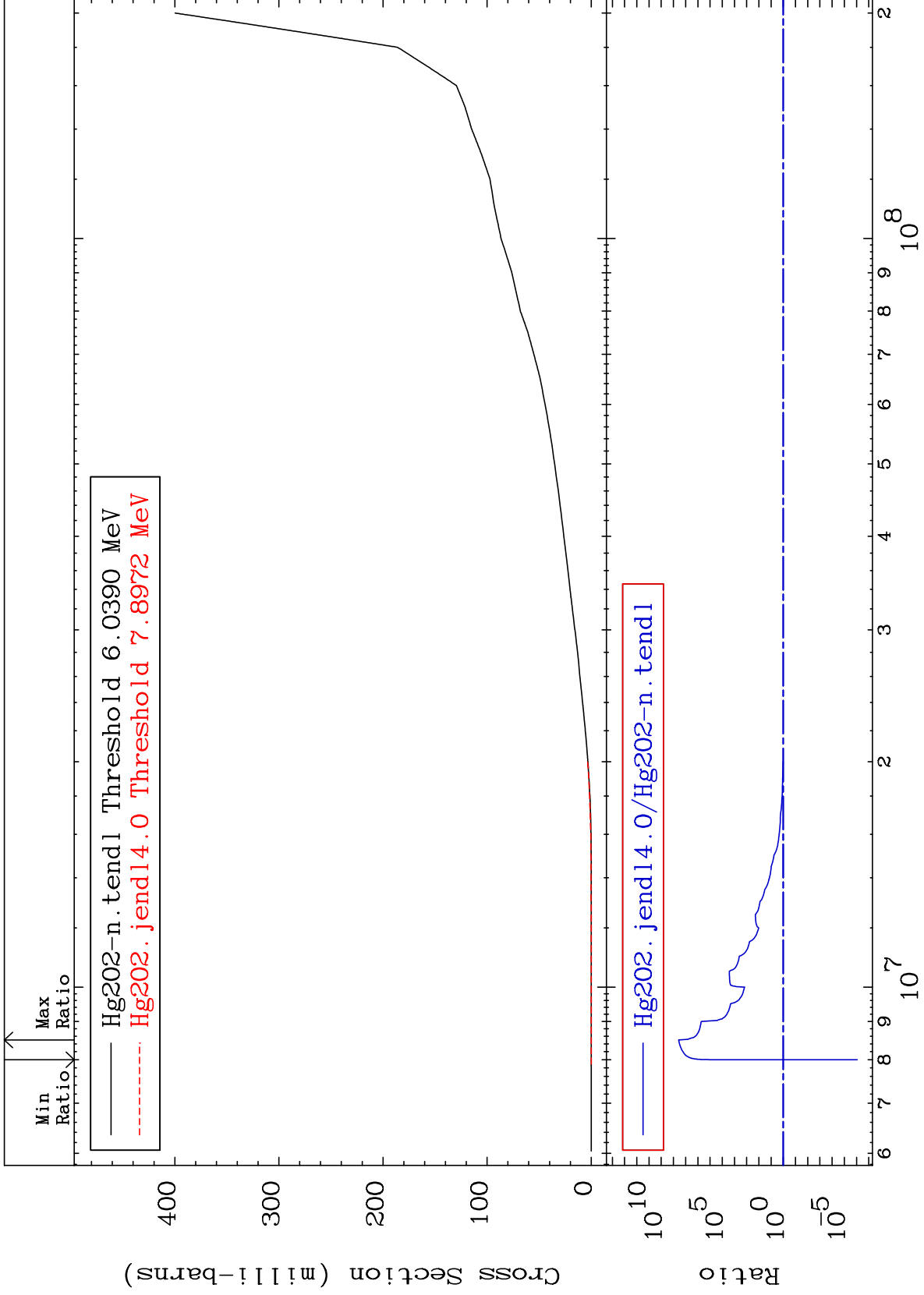
80-Hg-202
-100.0 To 3837. %



MAT 8043

Deuterium Production
Cross Section

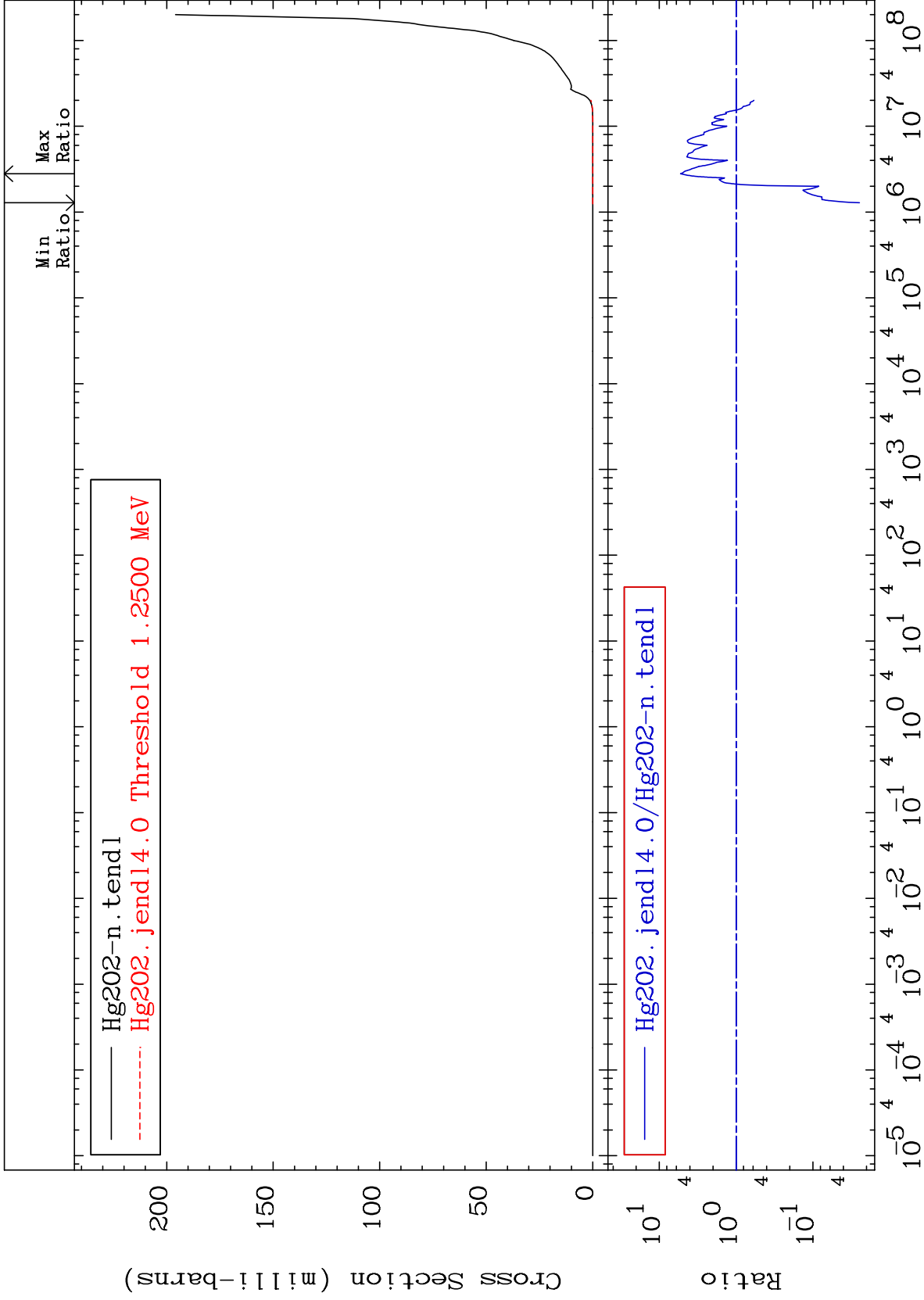
80-Hg-202
-100.0 To 9999. %



MAT 8043

He-4 Production
Cross Section

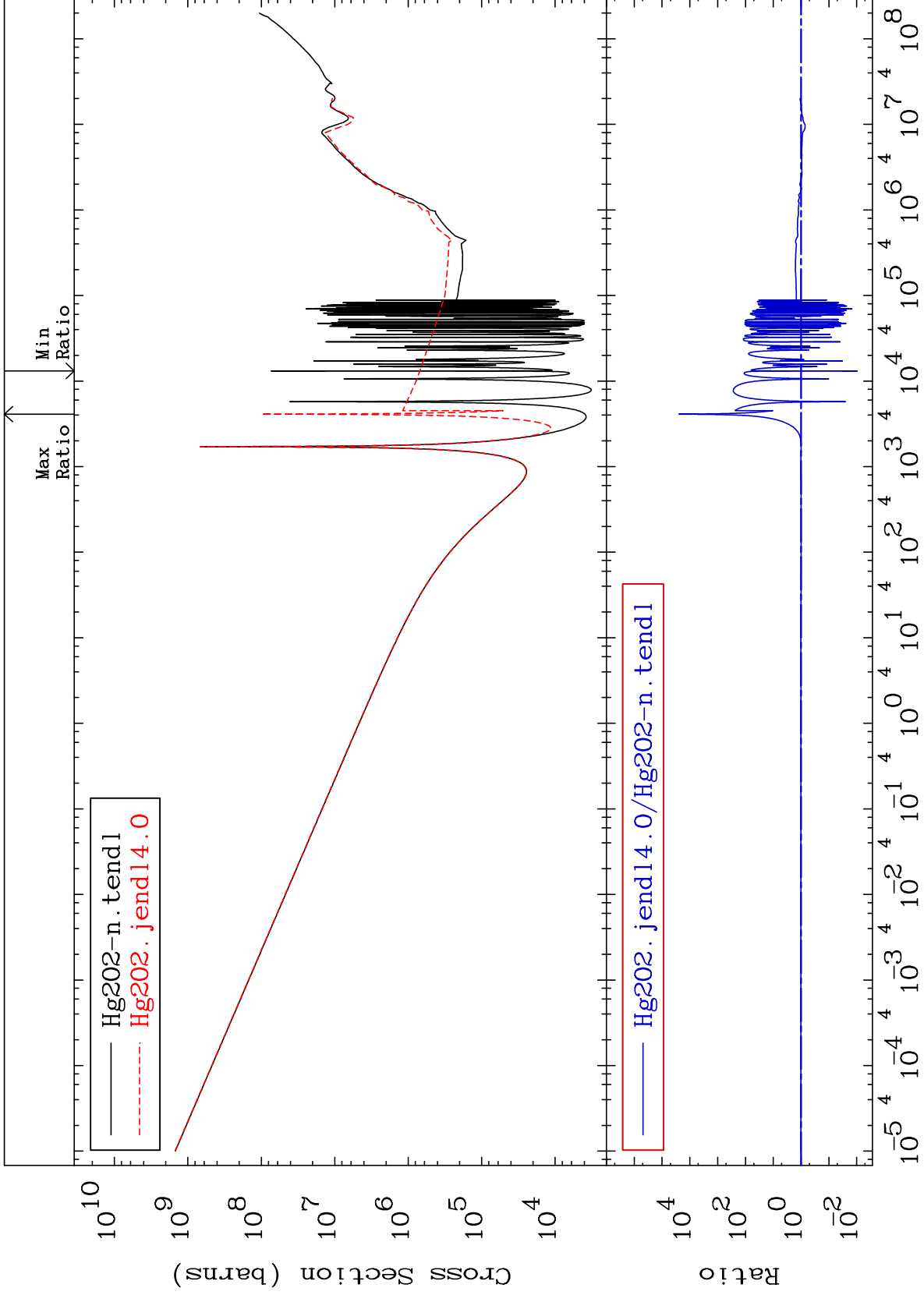
80-Hg-202
-97.52 To 431.9 %



MAT 8043

Kerma total (eV-barns)
Cross Section

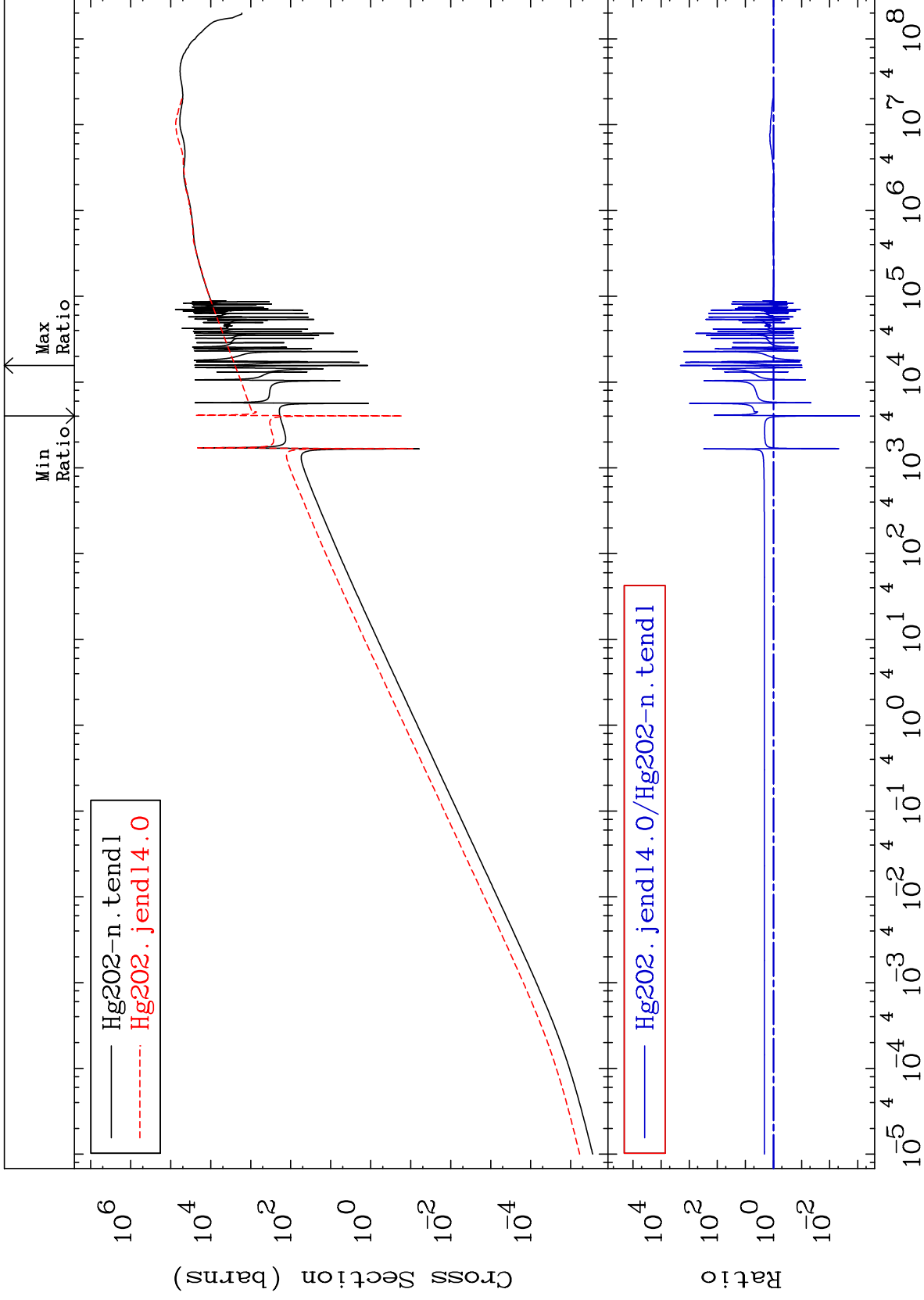
80-Hg-202
-99.05 To 9999. %



MAT 8043

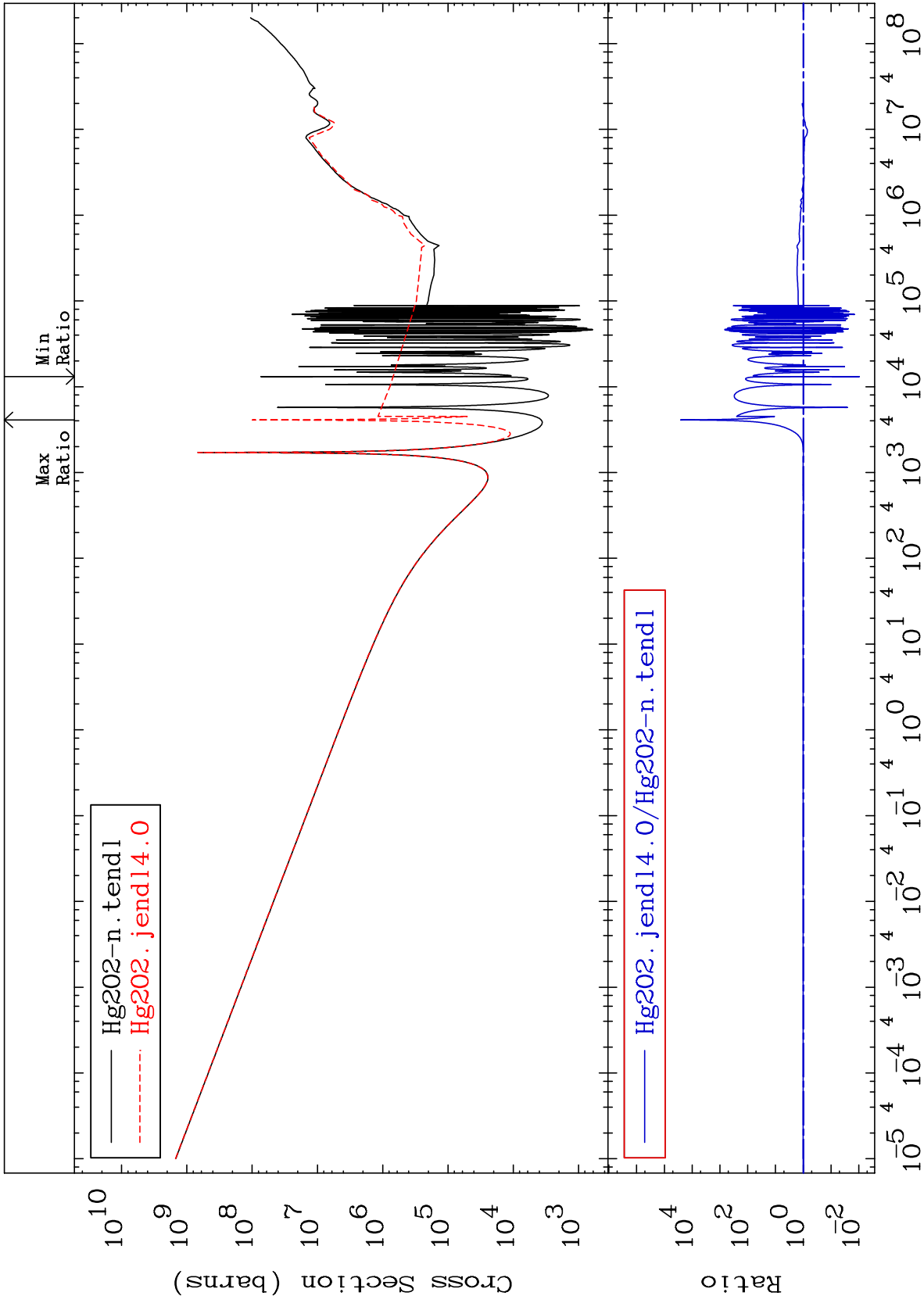
Kerma elastic
Cross Section

80-Hg-202
-99.91 To 9999. %



Incident Energy (eV)

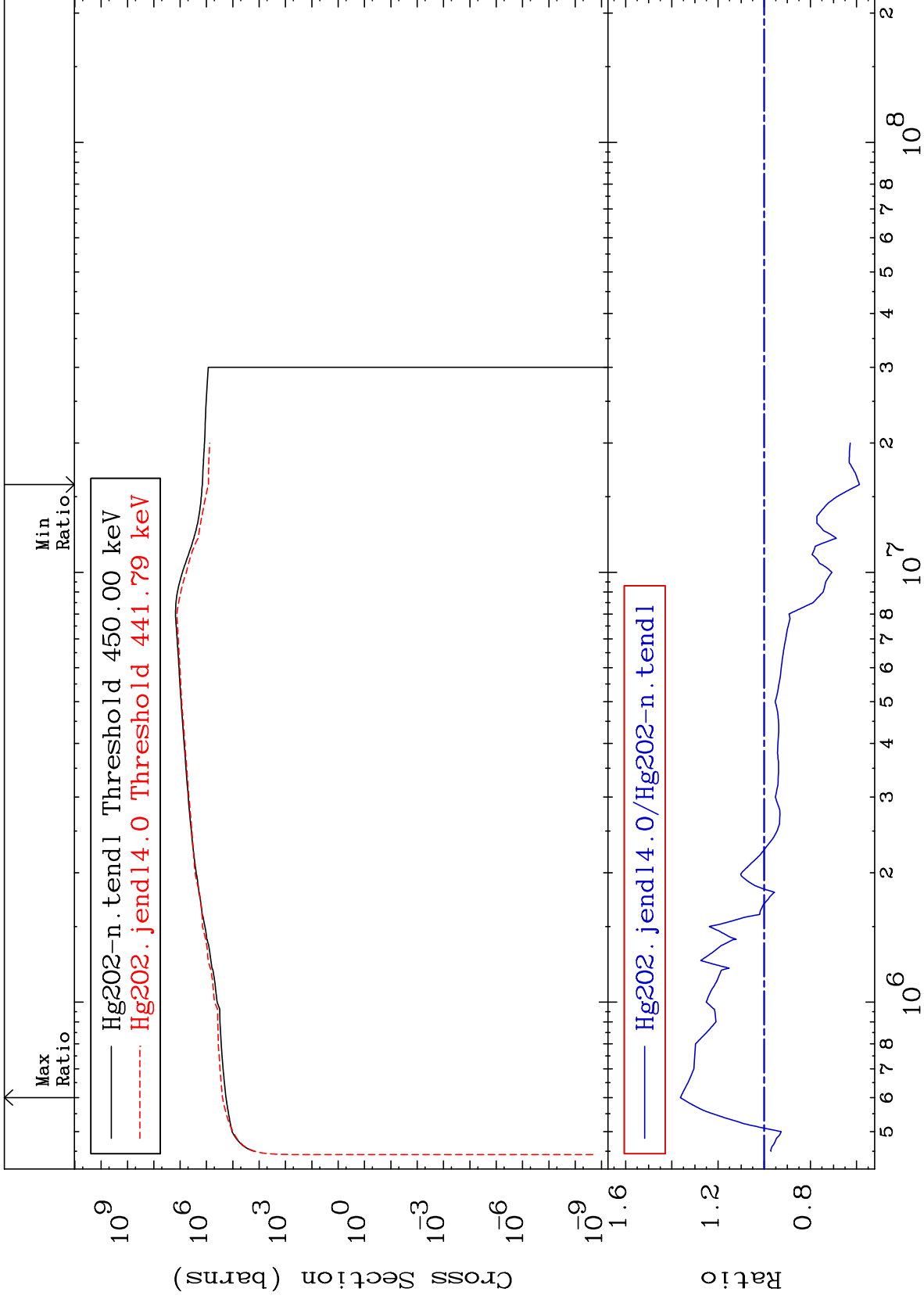
80-Hg-202



MAT 8043

Kerma inelastic (mt51-91)
Cross Section

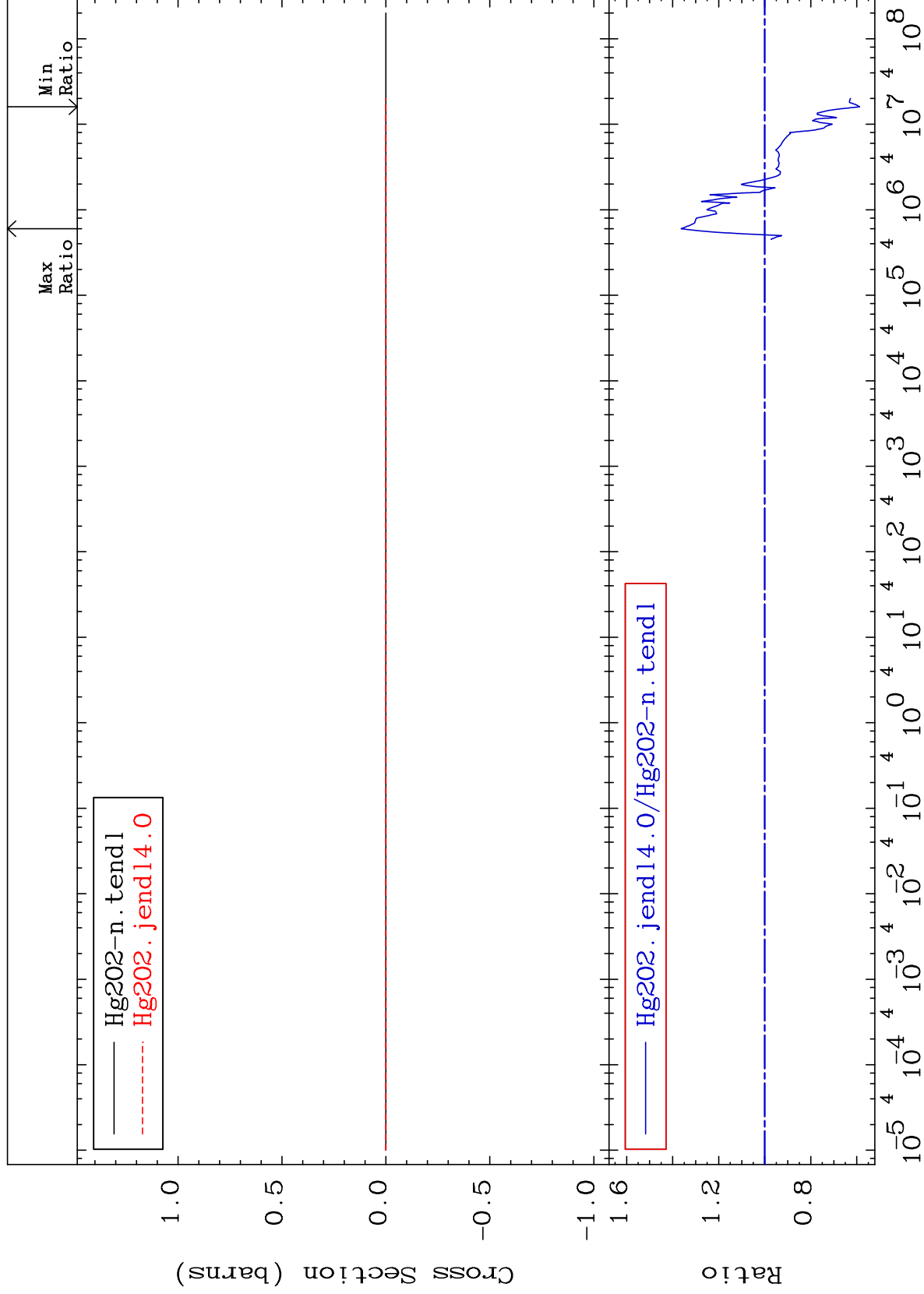
80-Hg-202
-41.22 To 36.30 %



MAT 8043

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

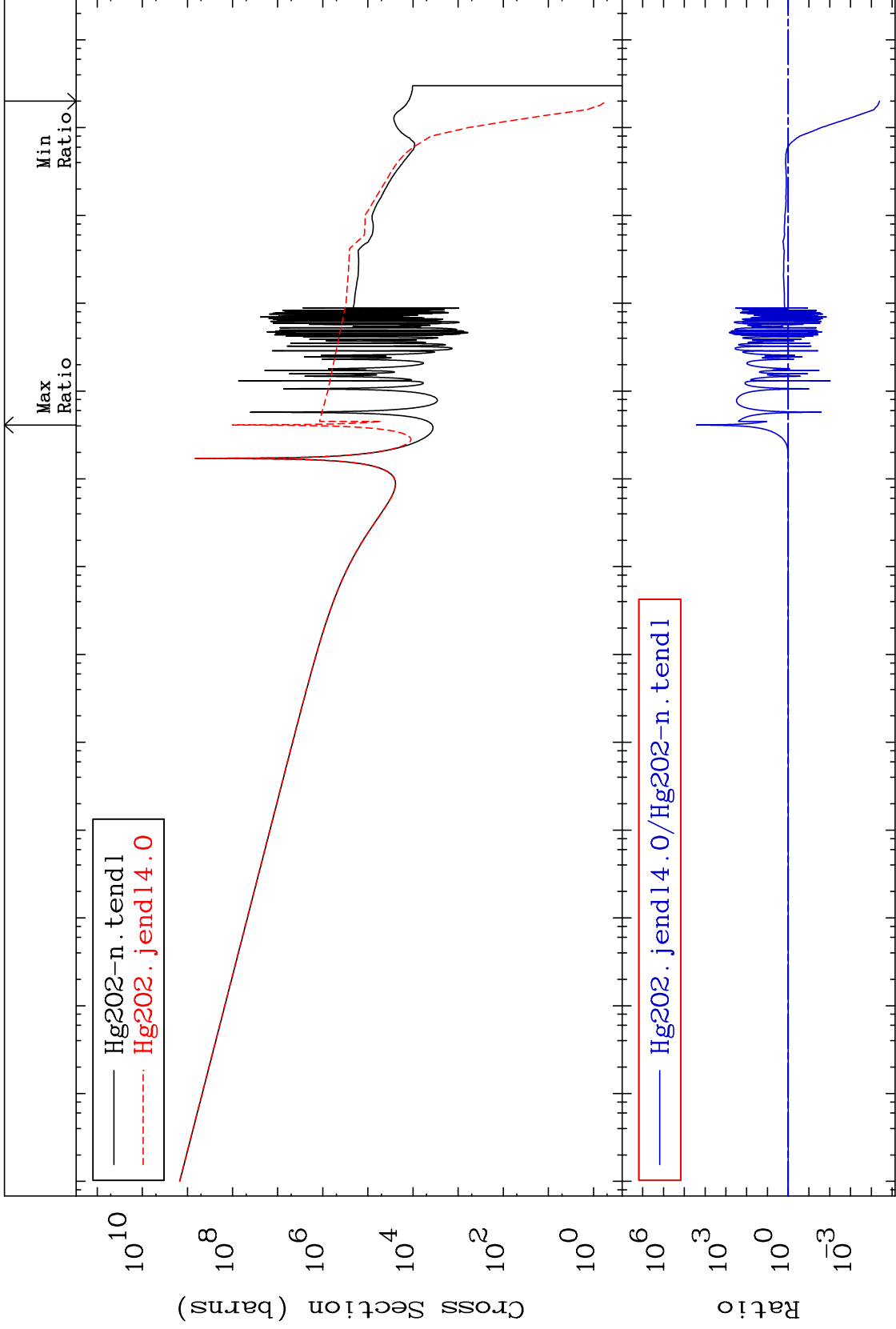
80-Hg-202
-41.22 To 36.30 %



MAT 8043

Kerma capture (mt102)
Cross Section

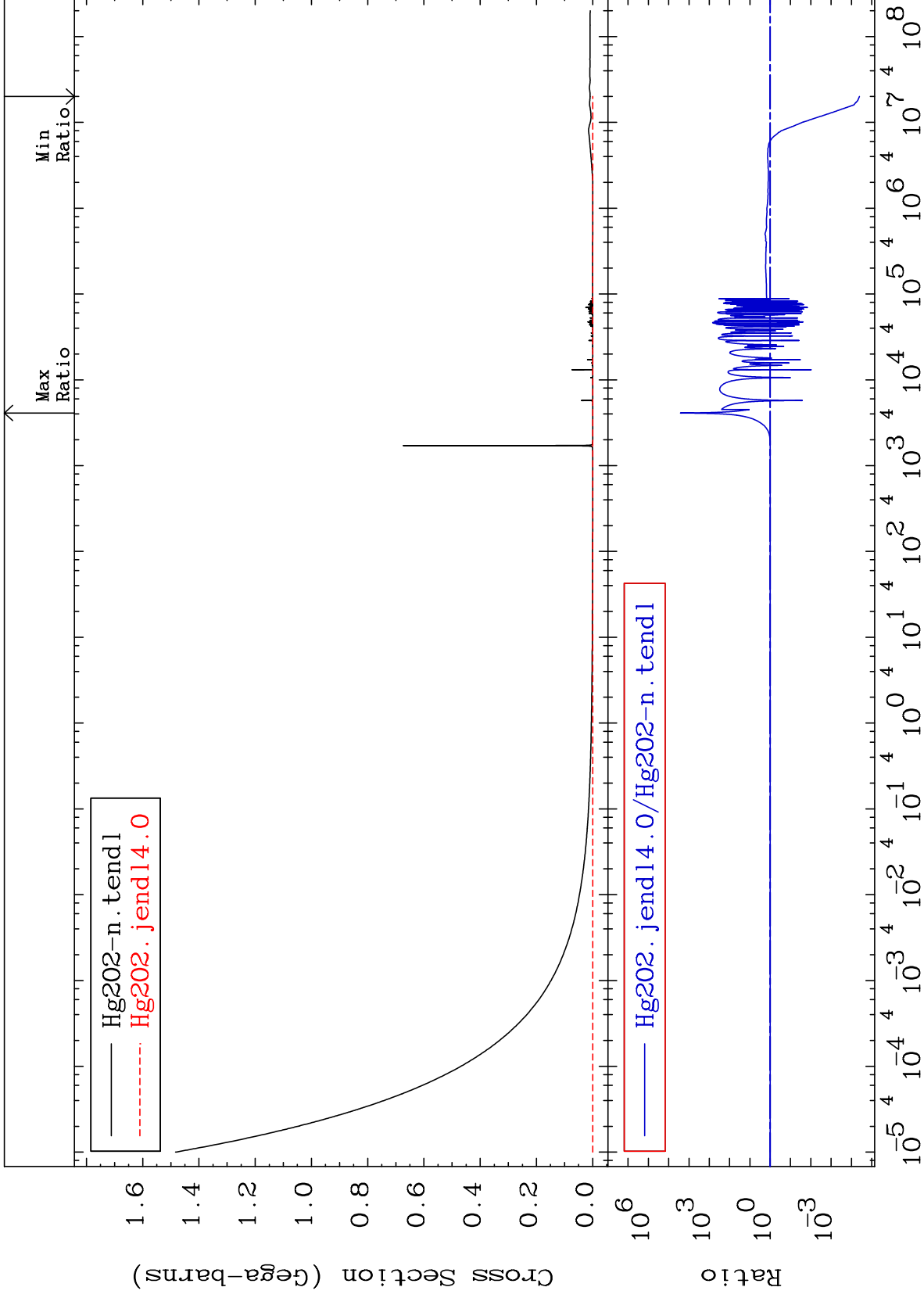
80-Hg-202
-100.0 To 9999. %



Incident Energy (eV)

40

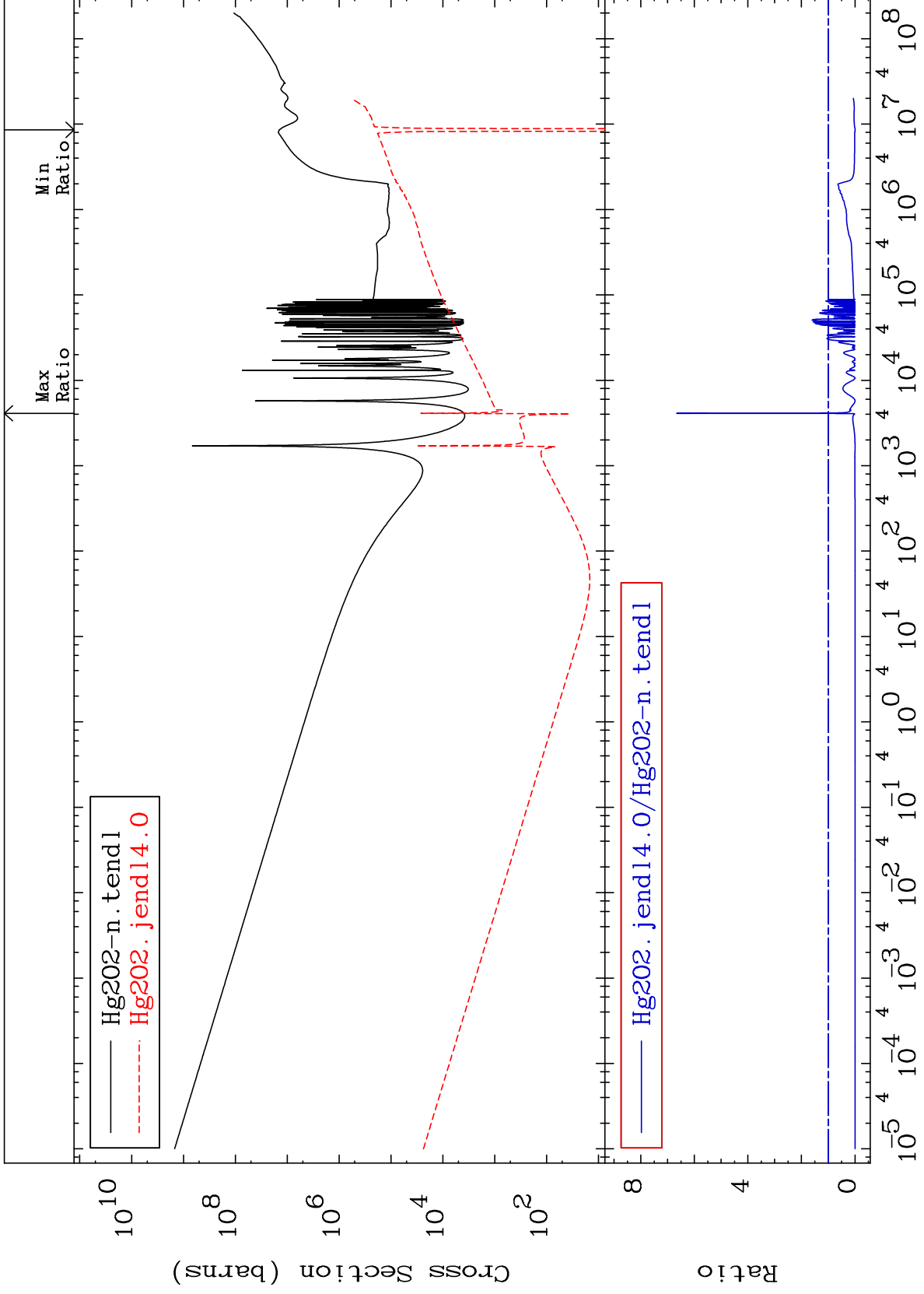
80-Hg-202



MAT 8043

Total kinematic kerma (high limit)
Cross Section

80-Hg-202
-100.3 To 565.1 %



42

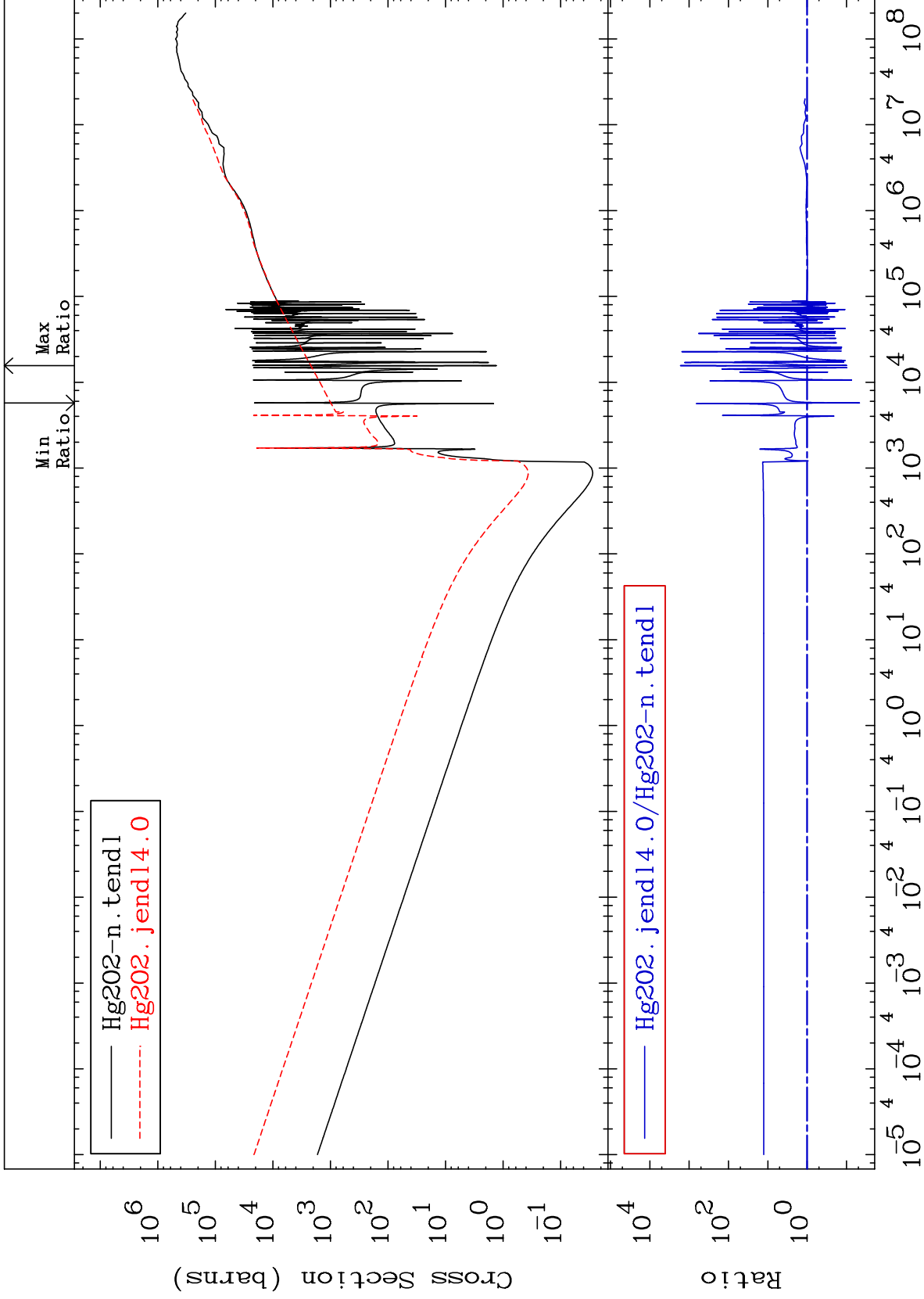
Incident Energy (eV)

80-Hg-202

MAT 8043

Dpa total (eV-barns)
Cross Section

80-Hg-202
-95.31 To 9999. %



43

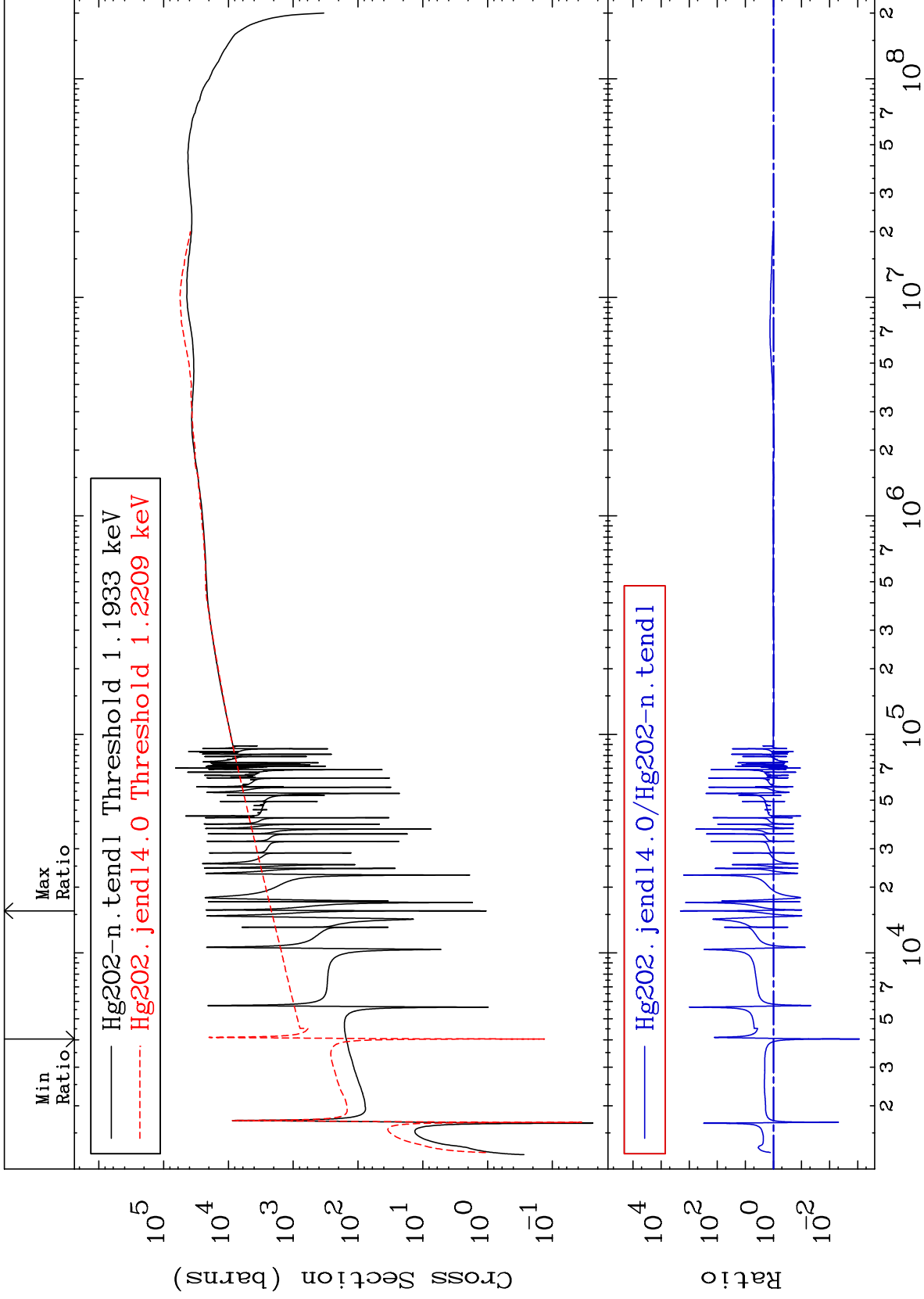
Incident Energy (eV)

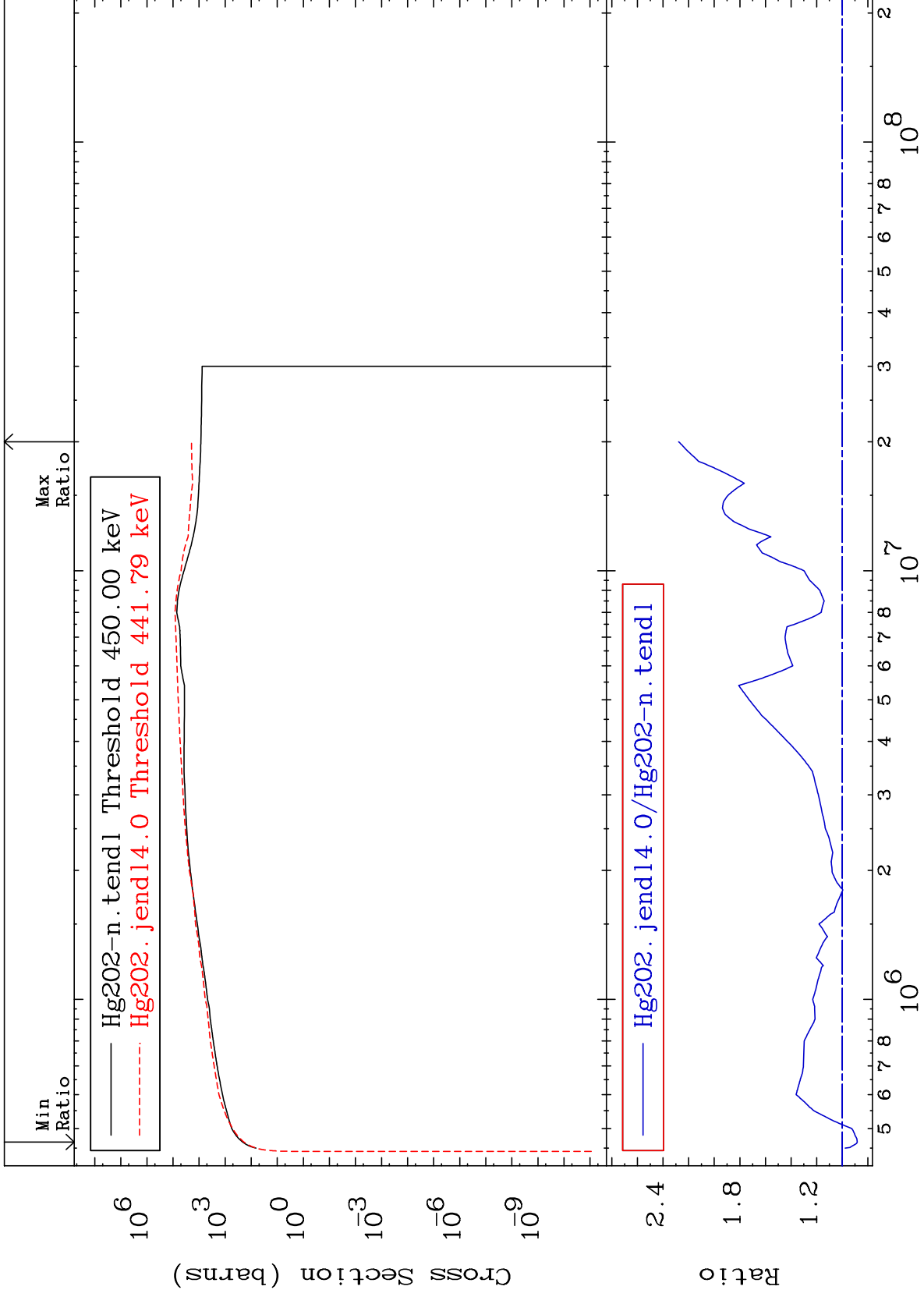
80-Hg-202

MAT 8043

Dpa elastic (mt2)
Cross Section

80-Hg-202
-99.91 To 9999. %





MAT 8043

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-202
-80.15 To 9999. %

