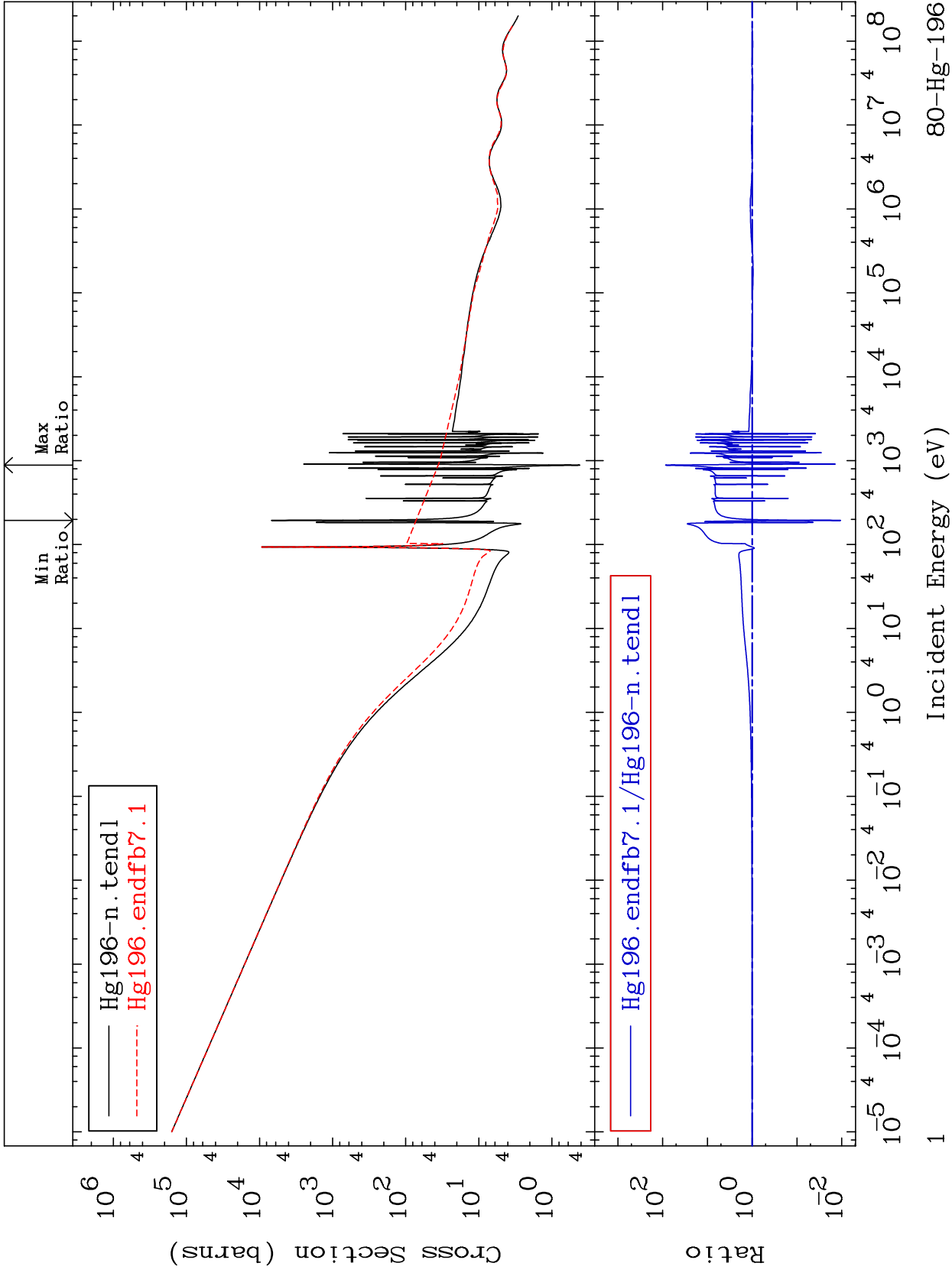


MAT 8025

Total Cross Section
80-Hg-196
-98.94 To 8548. %

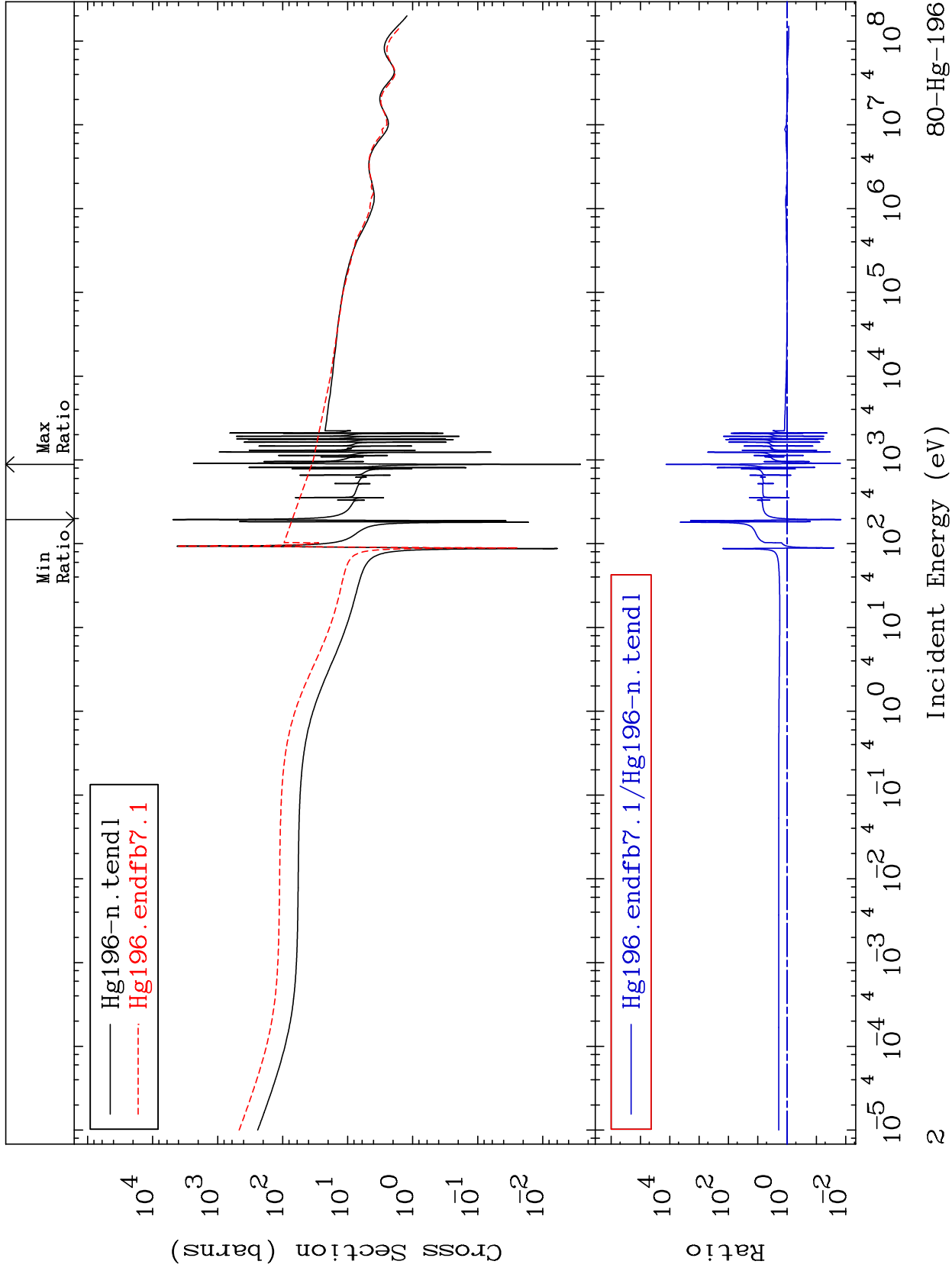


80-Hg-196

MAT 8025

Elastic
Cross Section

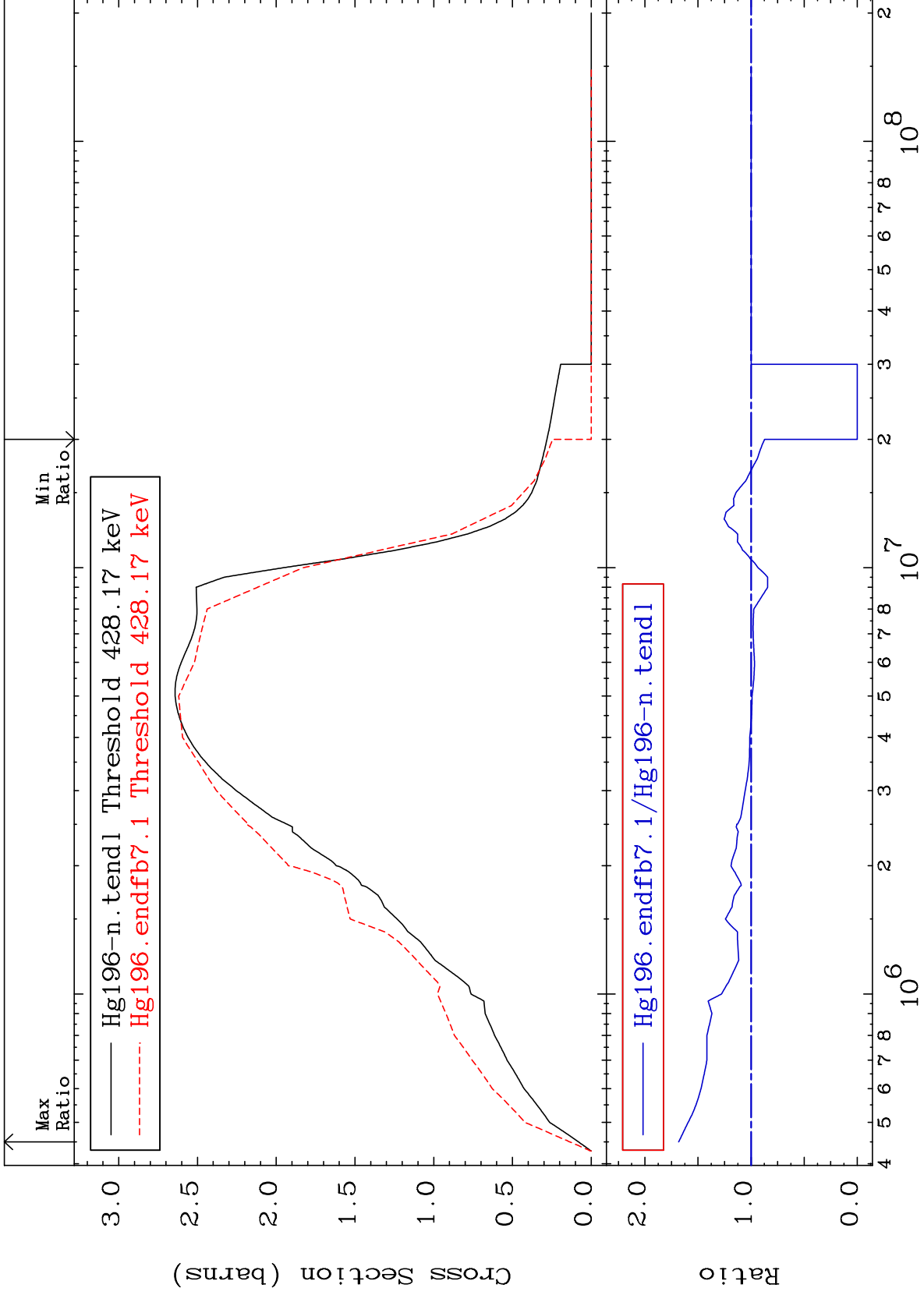
80-Hg-196
-98.54 To 9999. %



MAT 8025

Inelastic
Cross Section

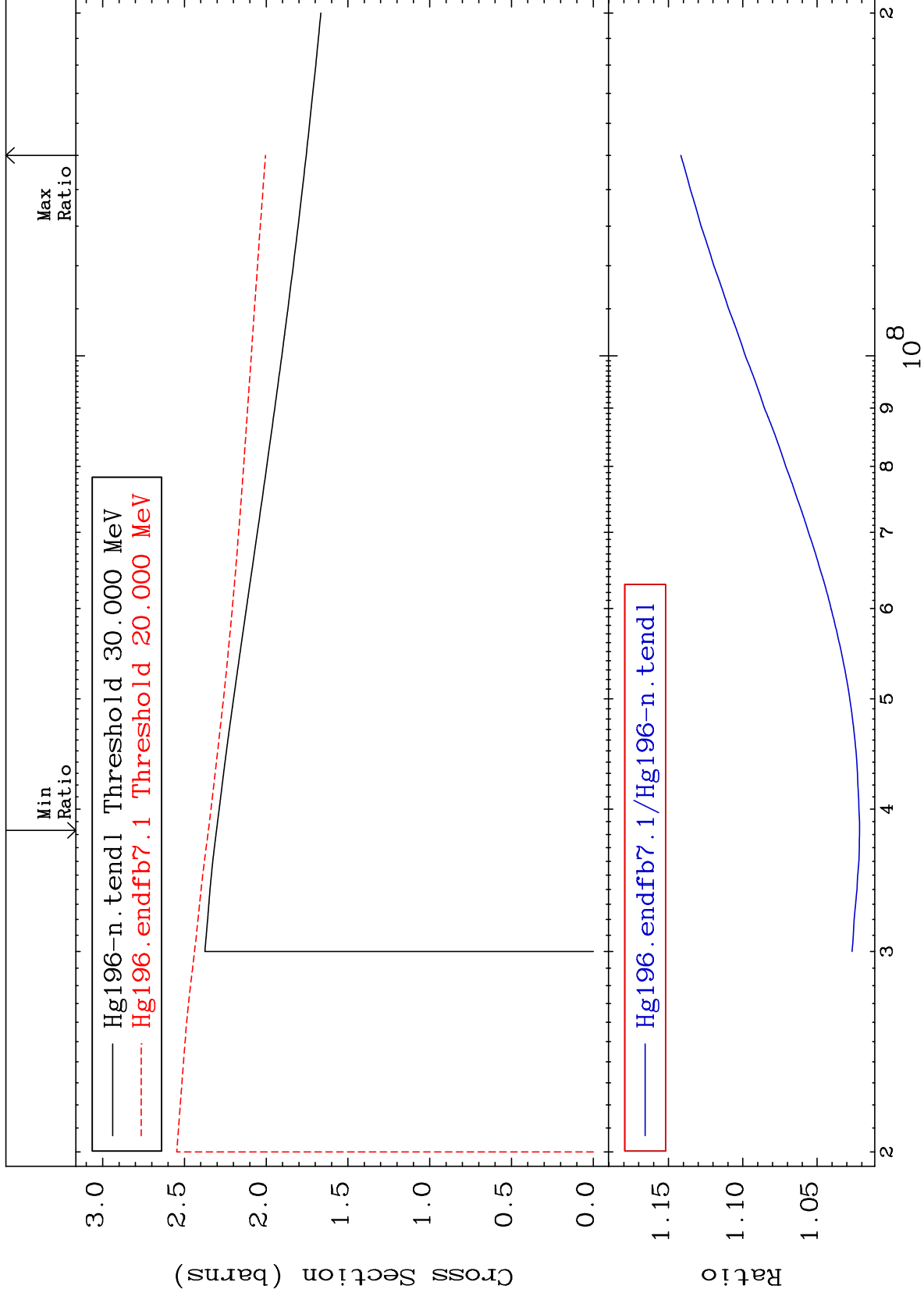
80-Hg-196
-100.0 To 68.27 %



MAT 8025

(n, remainder)
Cross Section

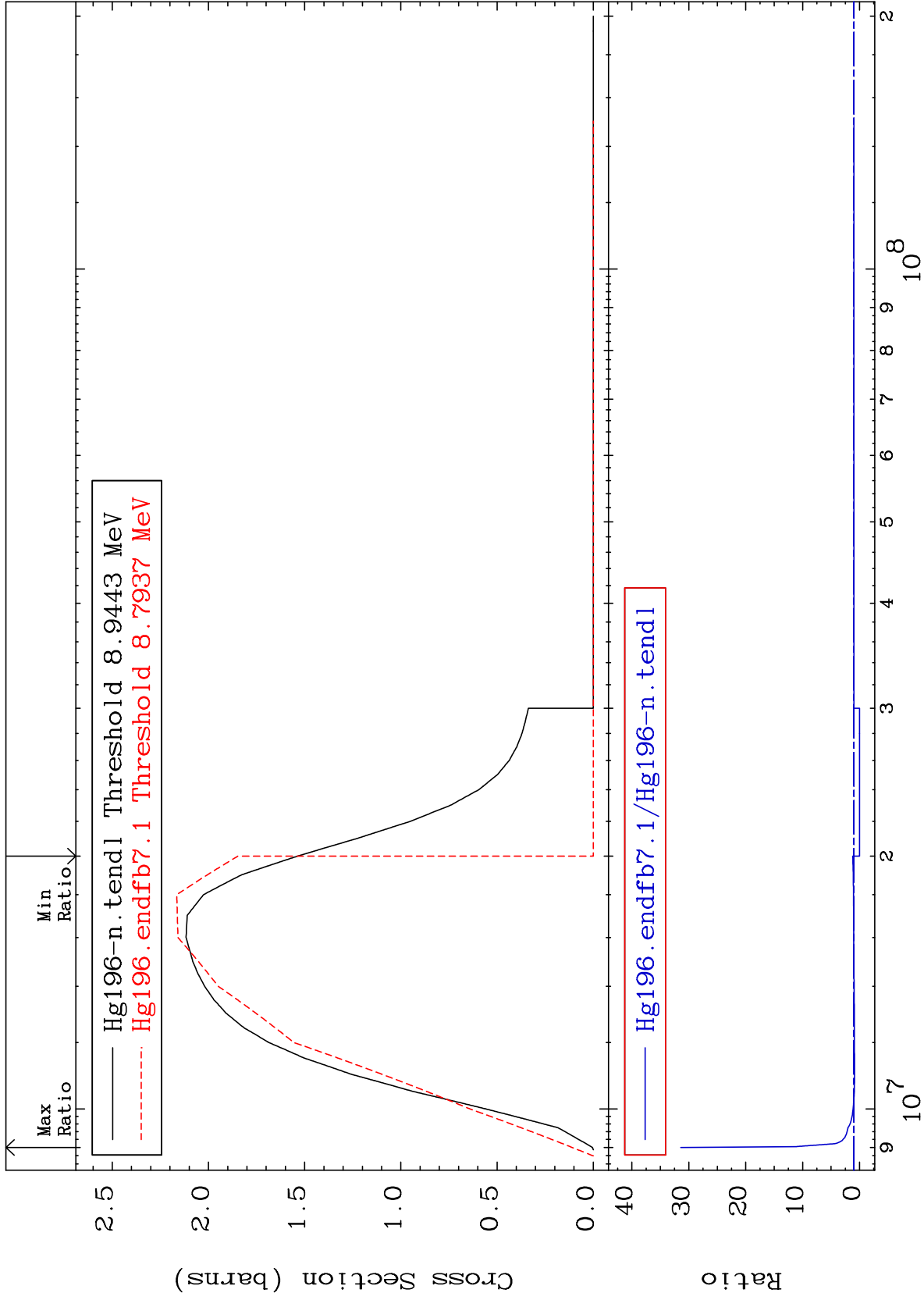
80-Hg-196
To 14.17 %
2.148



MAT 8025

(n,2n)
Cross Section

80-Hg-196
-100.0 To 3041. %



80-Hg-196

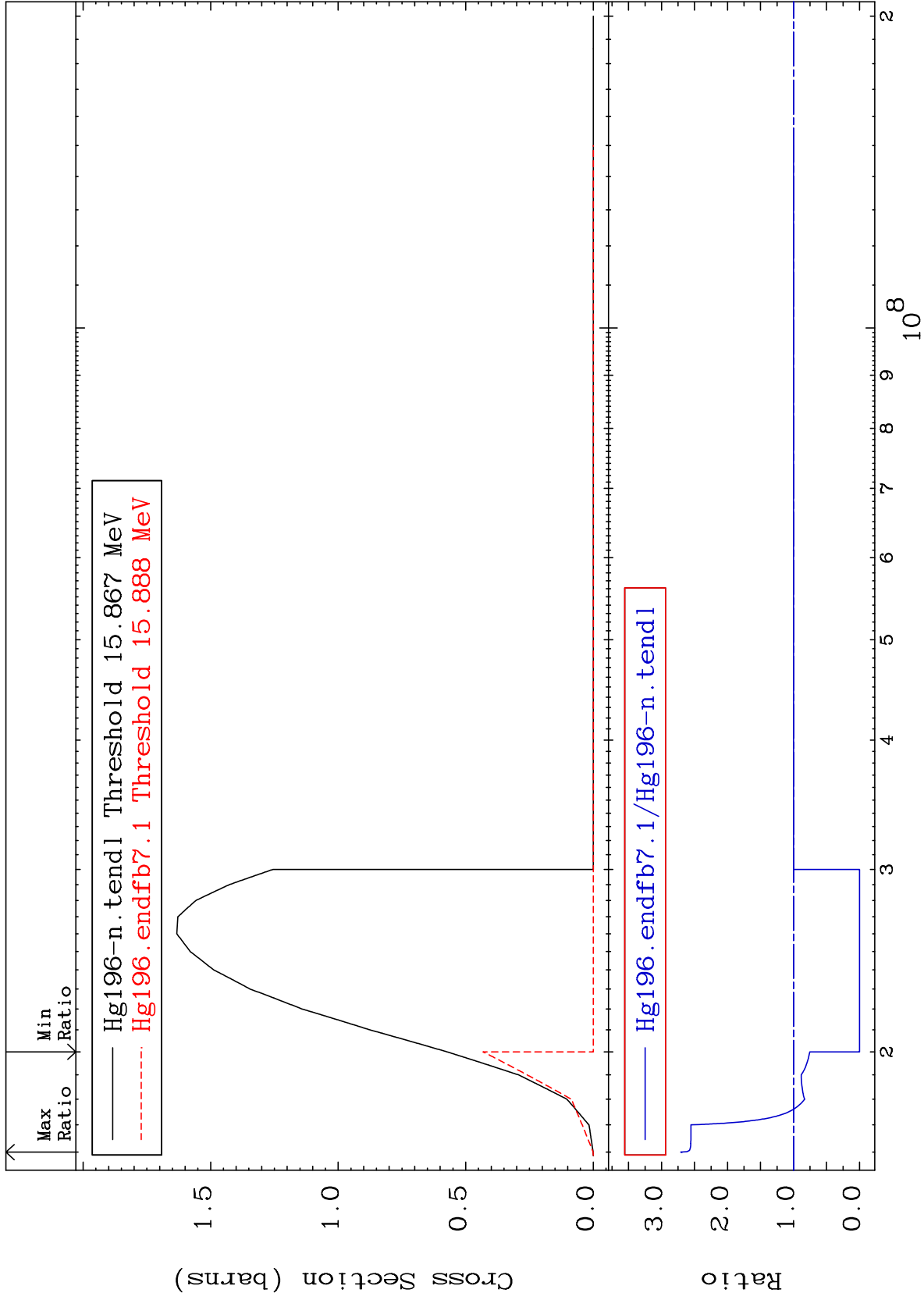
Incident Energy (eV)

5

MAT 8025

(n,3n)
Cross Section

80-Hg-196
-100.0 To 170.9 %

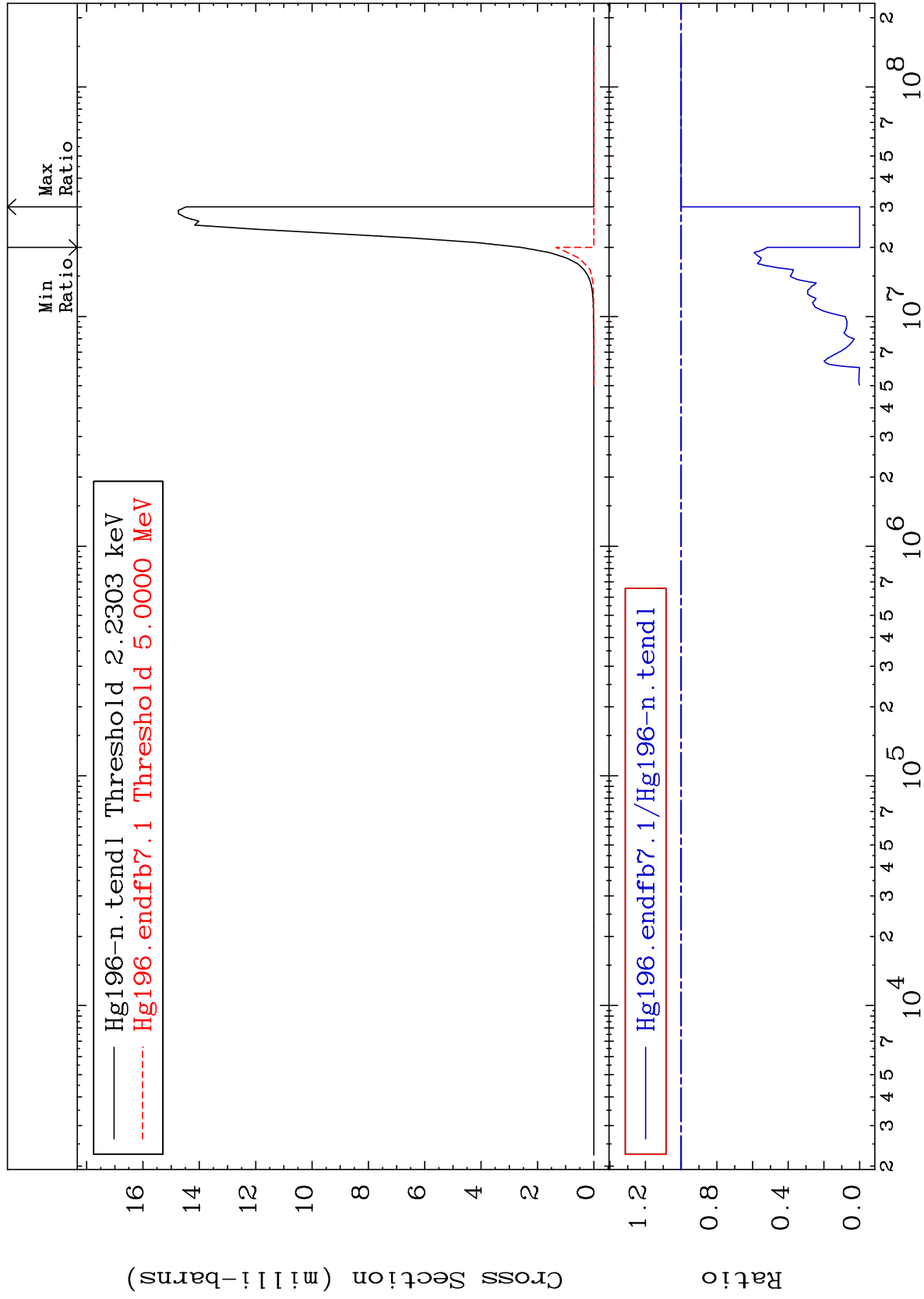


MAT 8025

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

80-Hg-196

-100.0 To 0.000 %



7

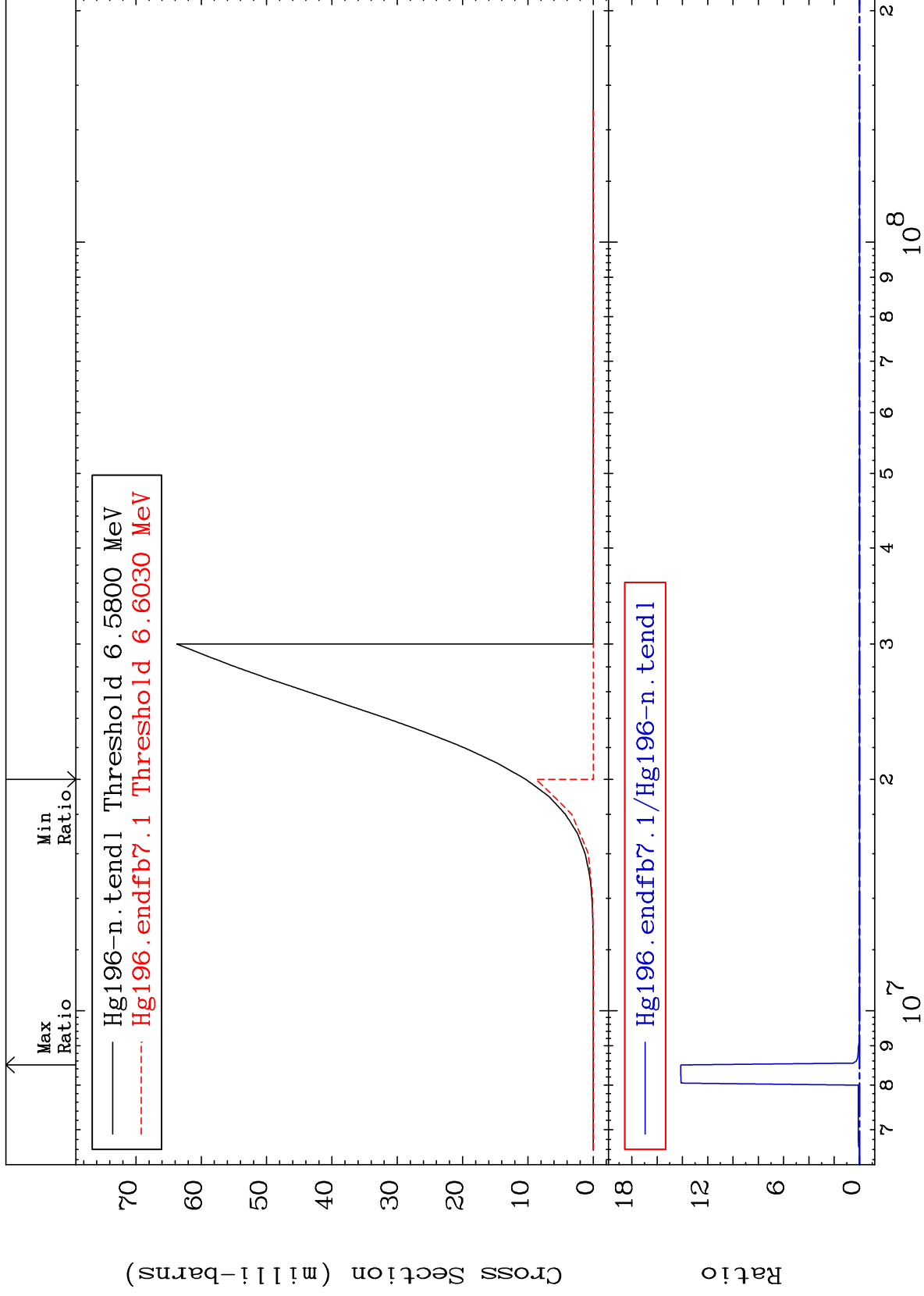
Incident Energy (eV)

80-Hg-196

MAT 8025

(n,n') p
Cross Section

80-Hg-196
-100.0 To 9999. %



8

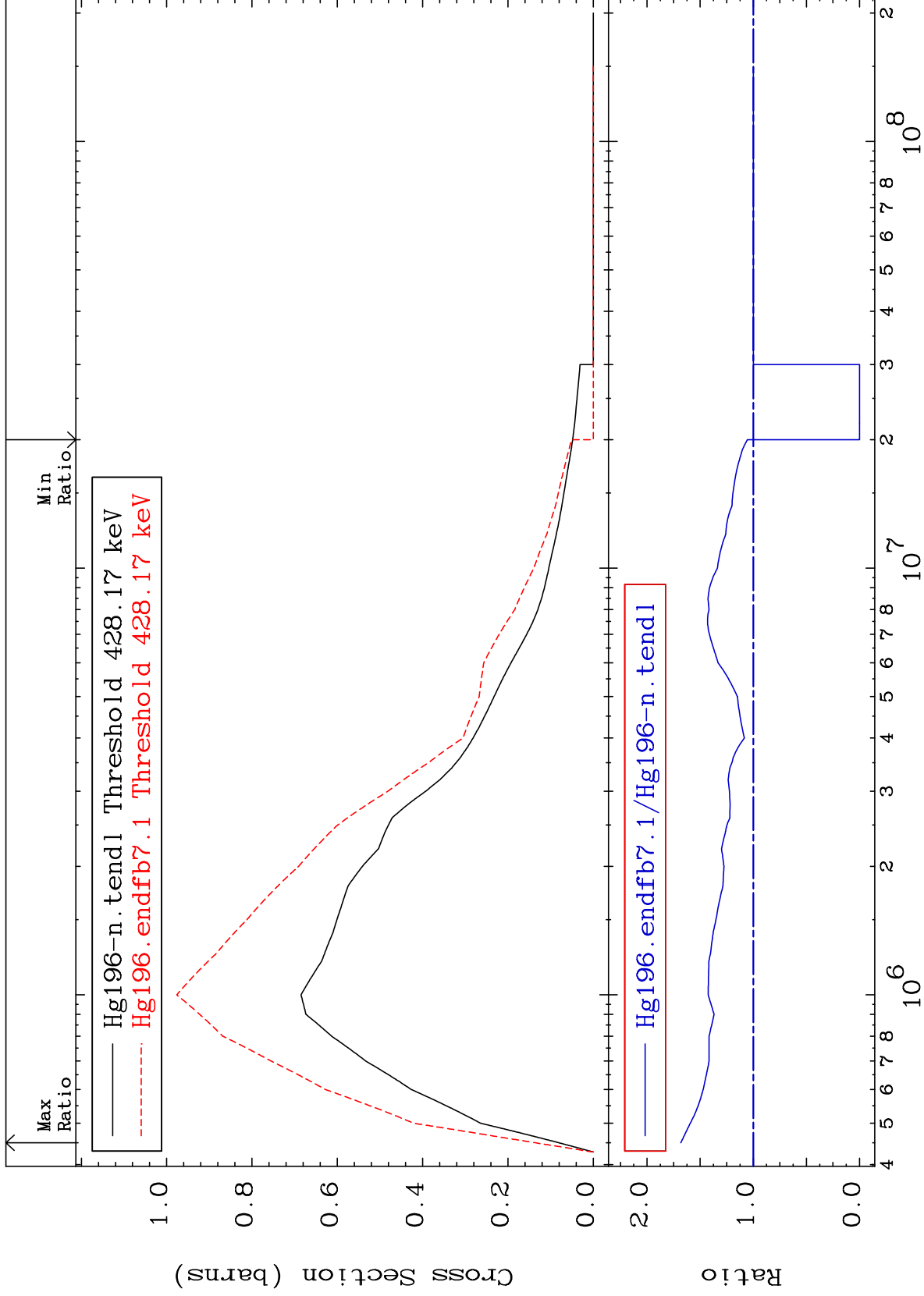
Incident Energy (eV)

80-Hg-196

MAT 8025

426.0 keV (n,n') Level
Cross Section

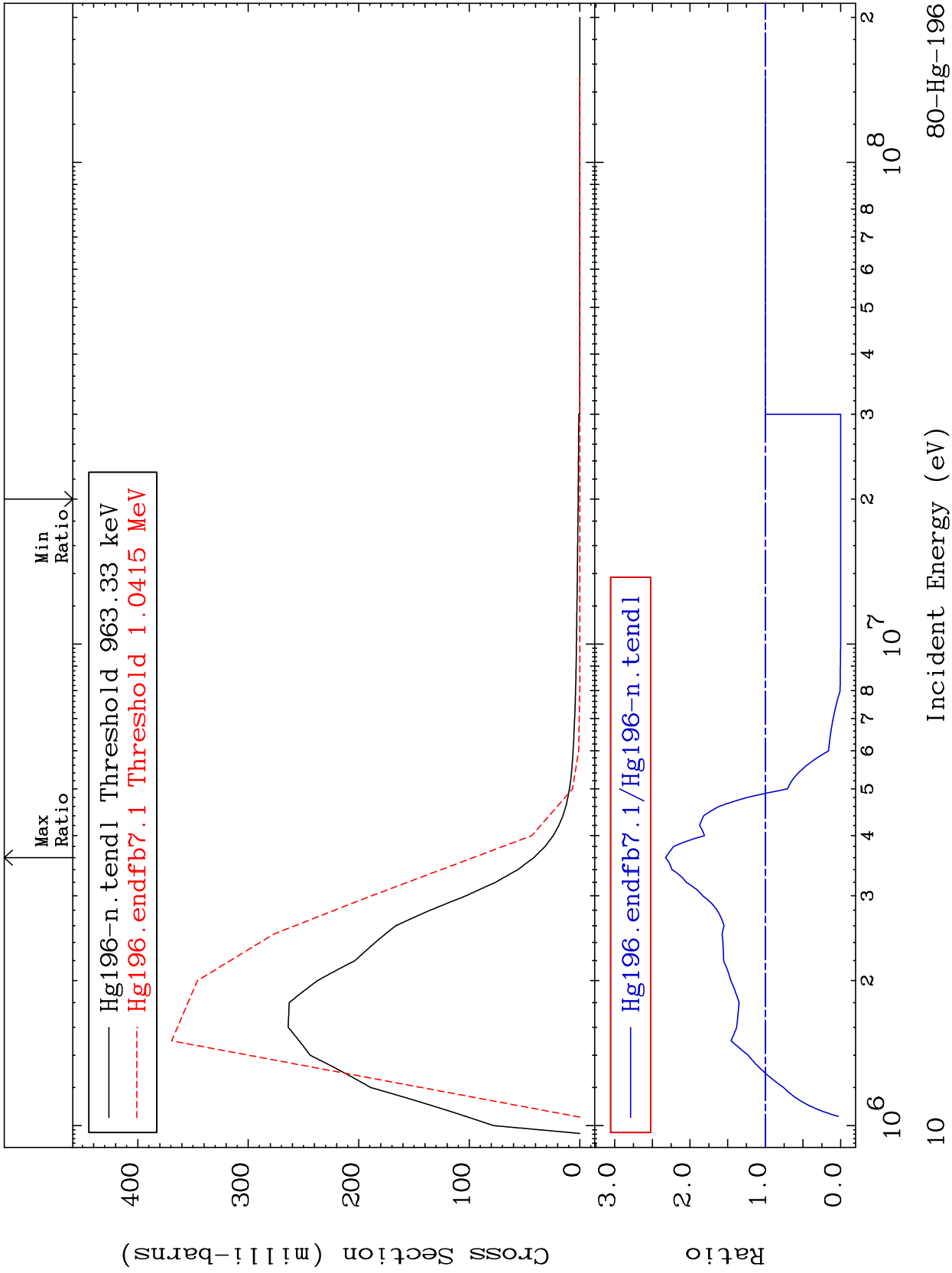
80-Hg-196
-100.0 To 68.27 %



MAT 8025

958.4 keV (n,n') Level
Cross Section

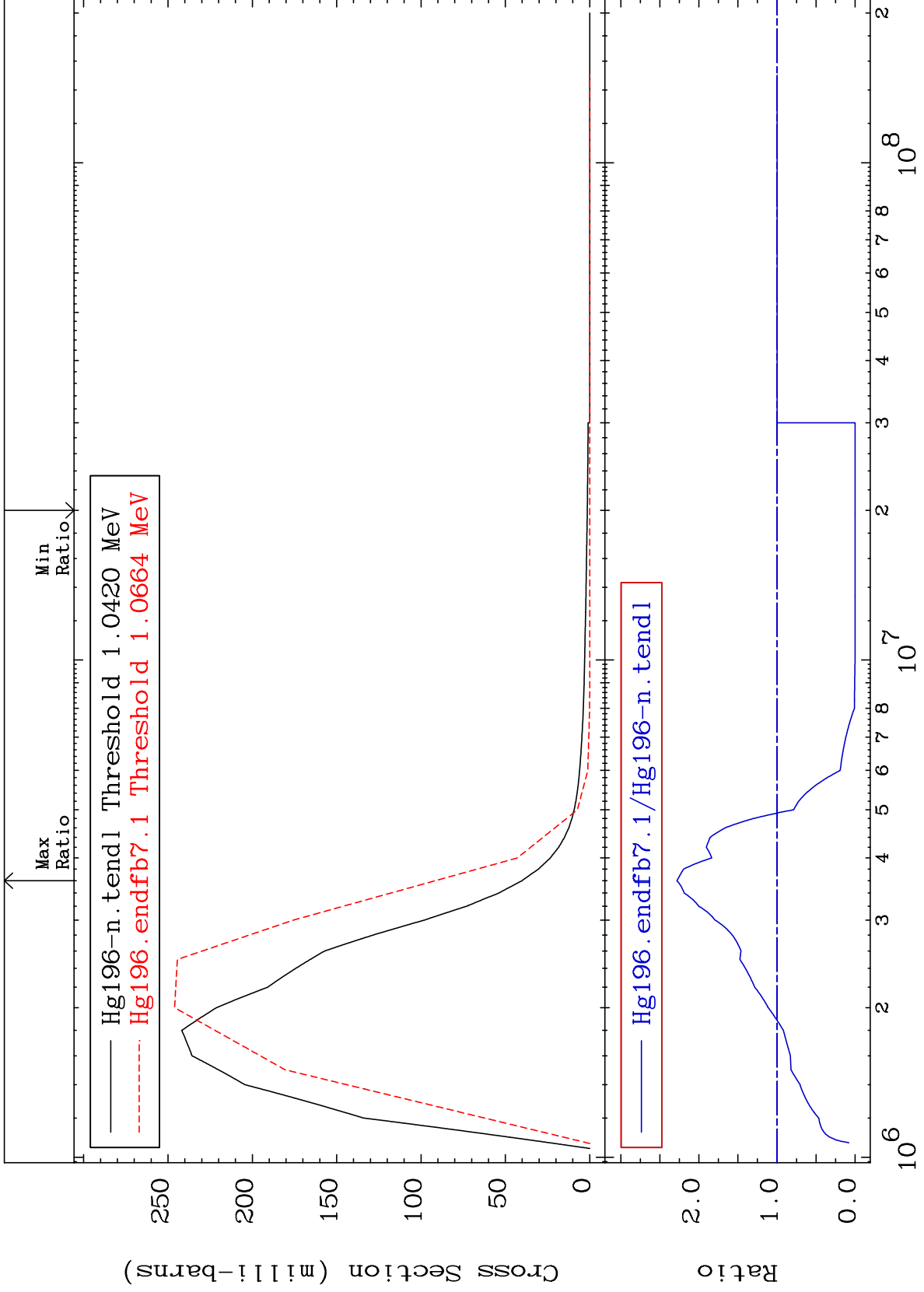
80-Hg-196
-100.0 To 132.5 %



MAT 8025

1.037 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 128.1 %



11

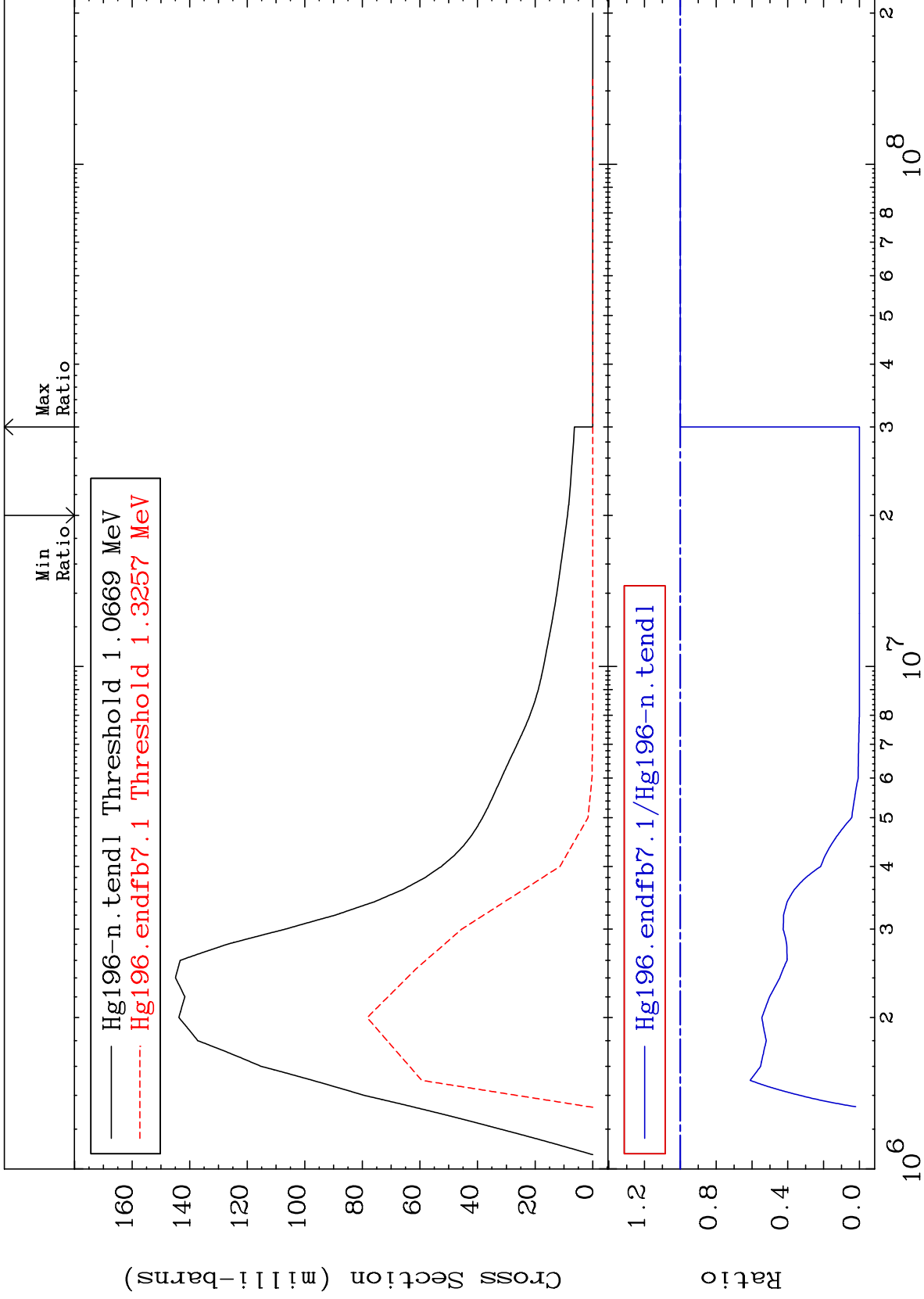
Incident Energy (eV)

80-Hg-196

MAT 8025

1.061 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 0.000 %



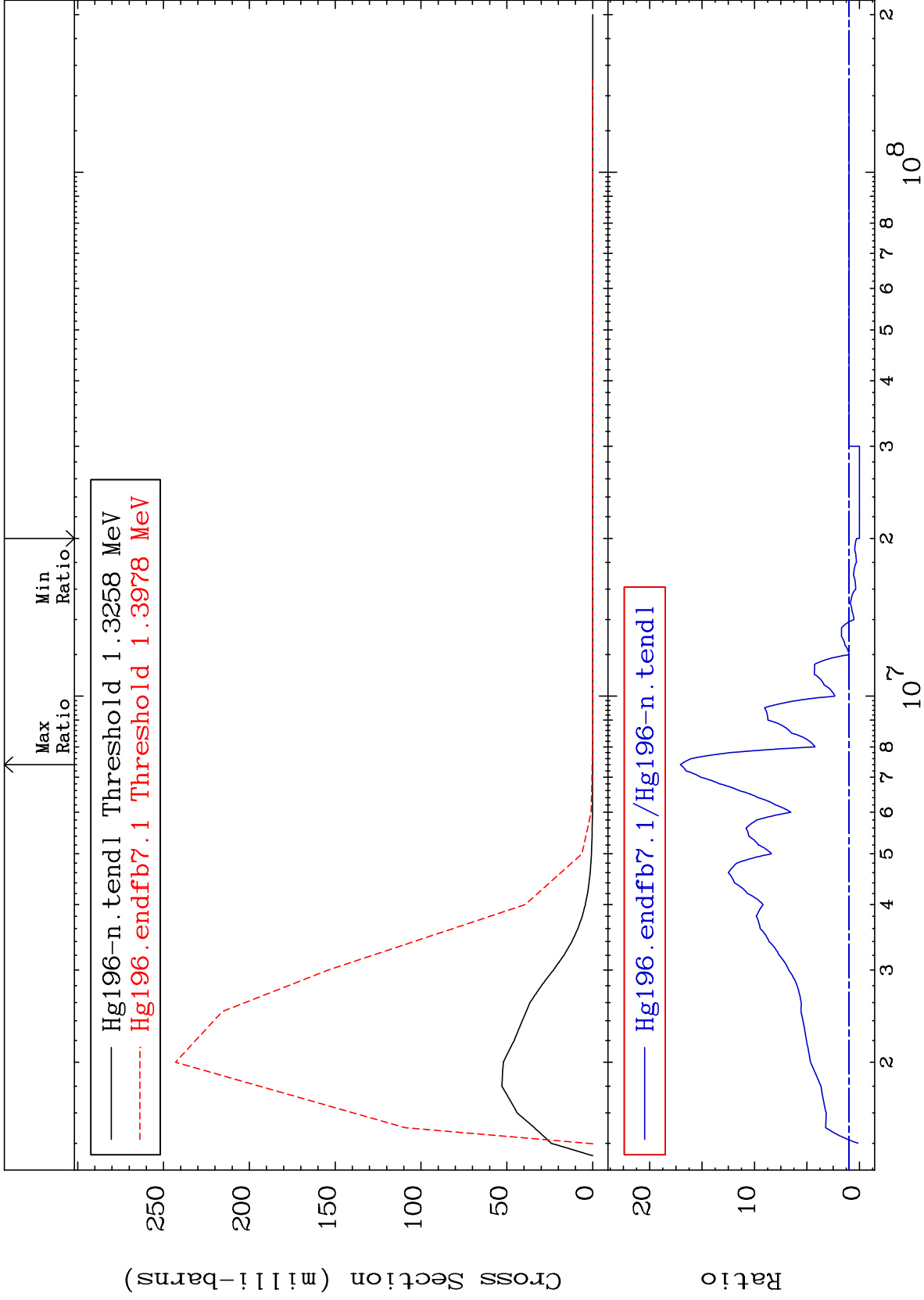
80-Hg-196

12

MAT 8025

1.319 MeV (n,n') Level
Cross Section

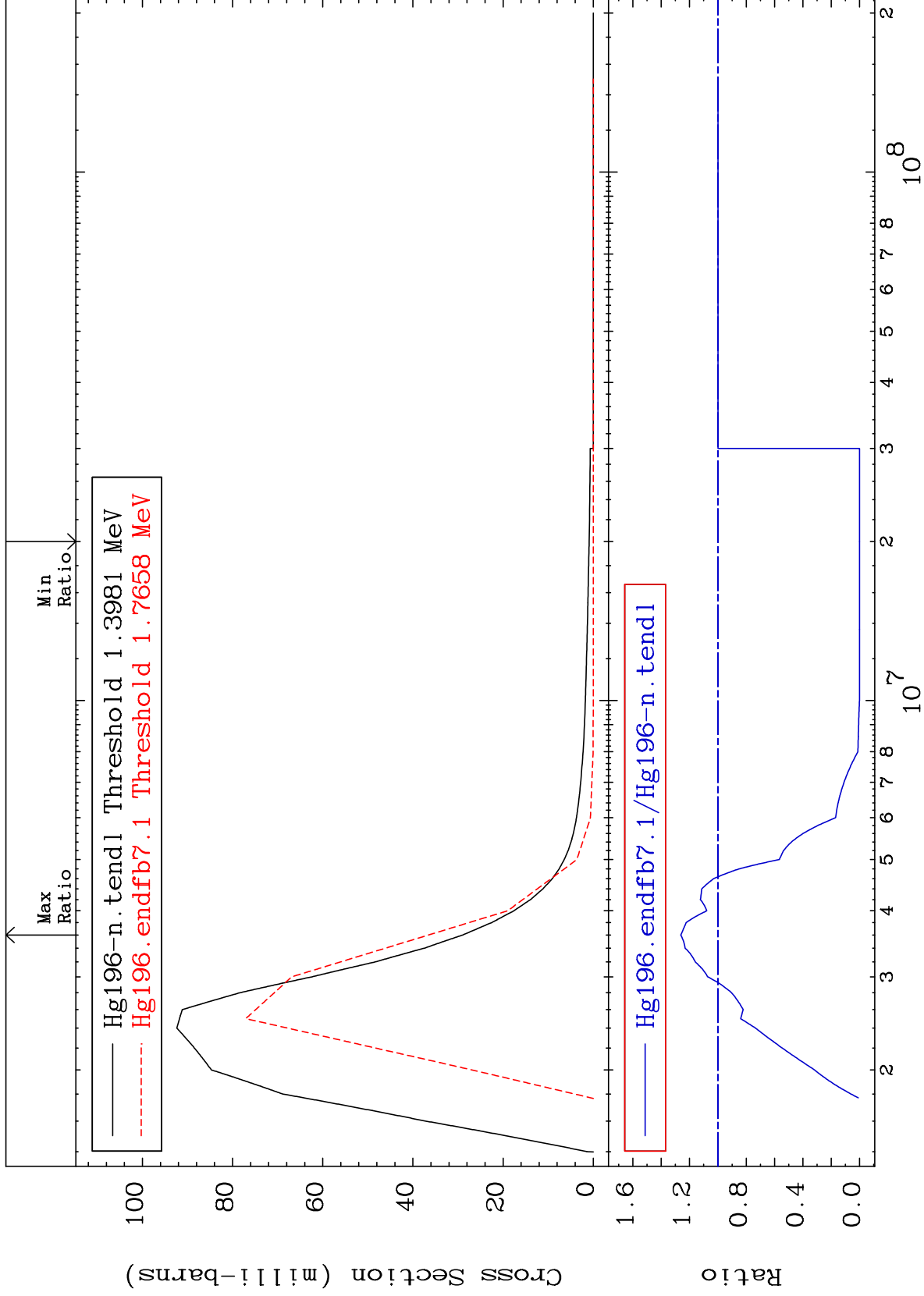
80-Hg-196
-100.0 To 1607. %



MAT 8025

1.391 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 26.20 %



14

Incident Energy (eV)

80-Hg-196

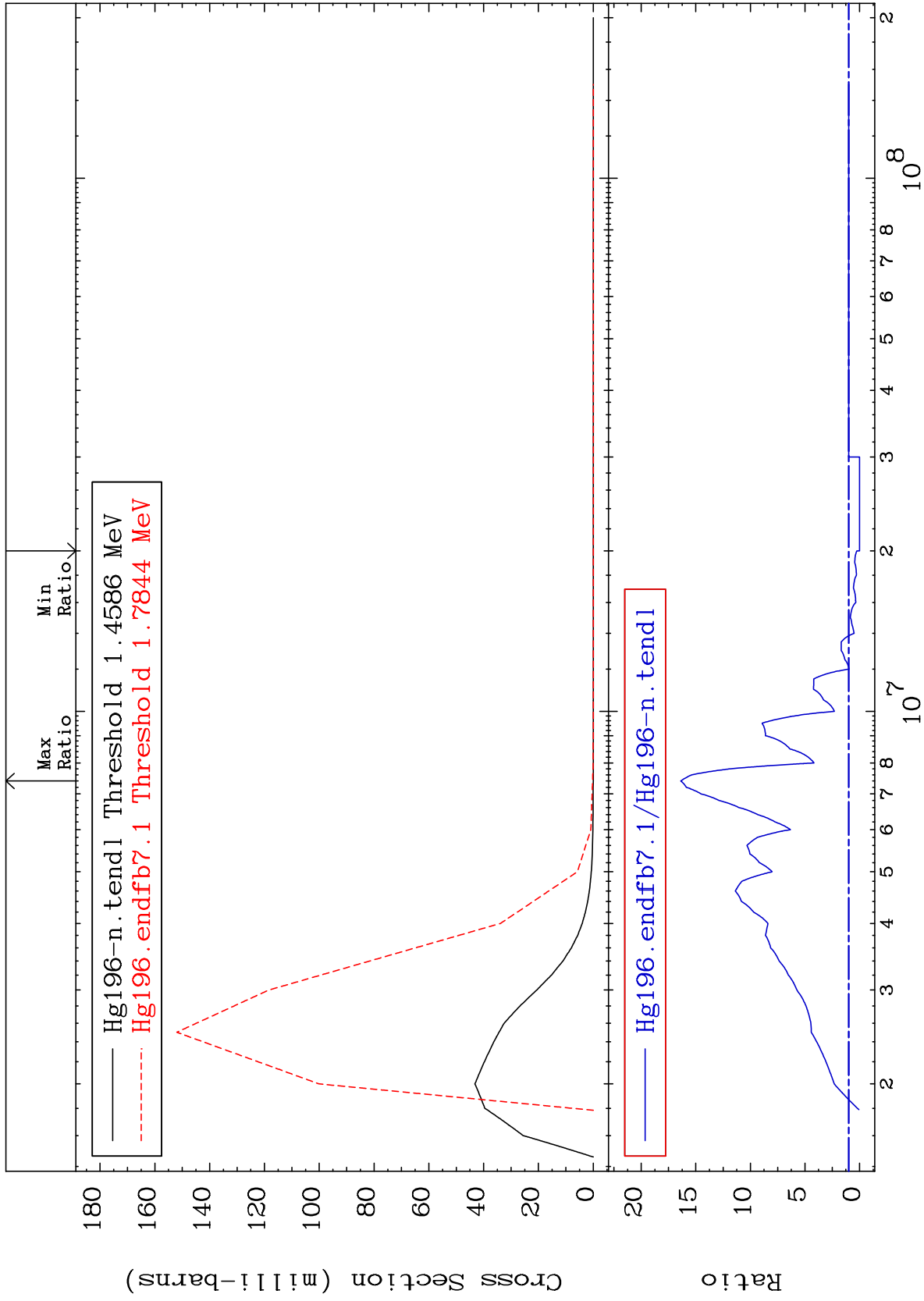
MAT 8025

1.451 MeV (n,n') Level

80-Hg-196

-100.0 To 1538. %

Cross Section



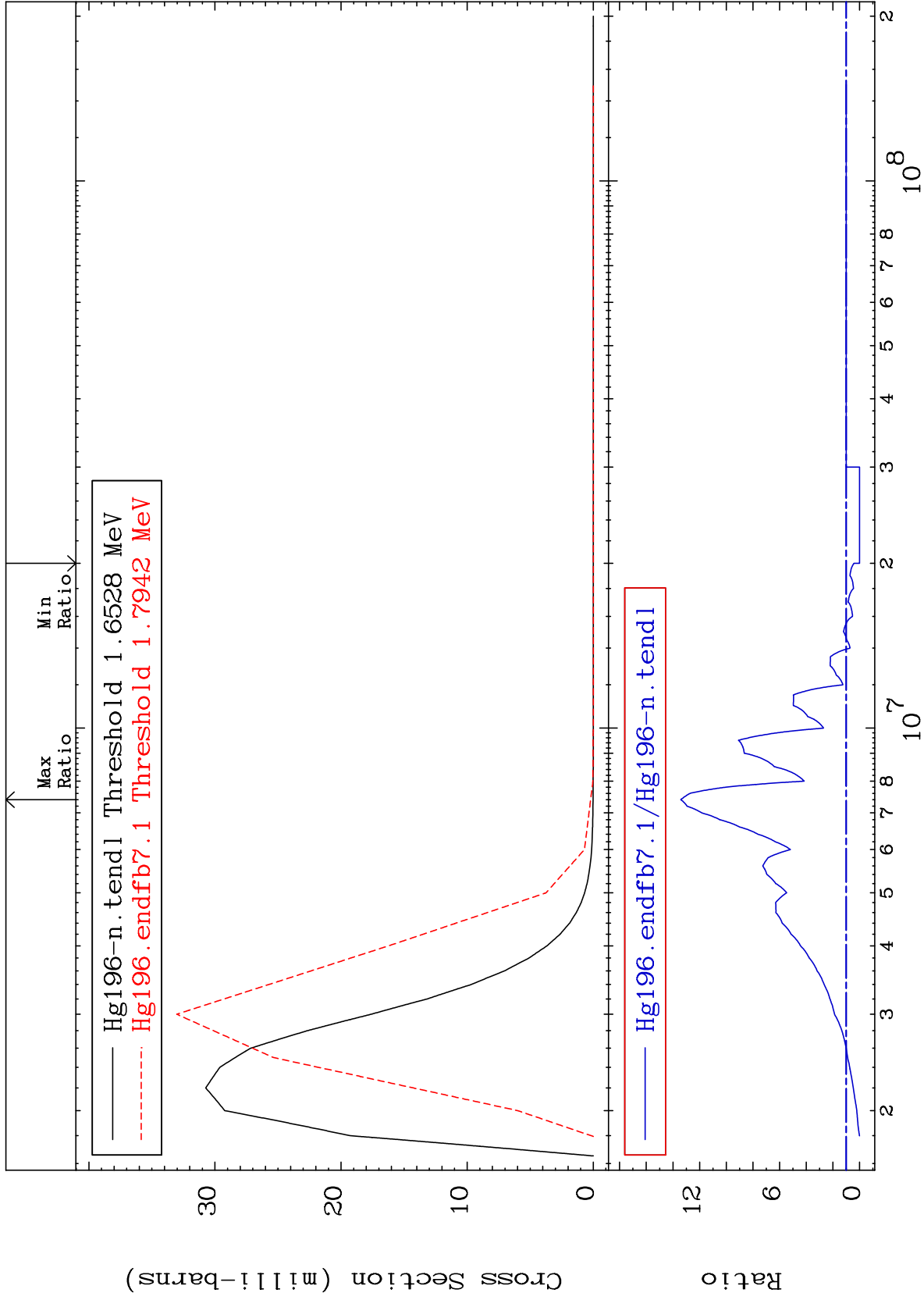
MAT 8025

1.644 MeV (n,n') Level

80-Hg-196

-100.0 To 1241. %

Cross Section



16

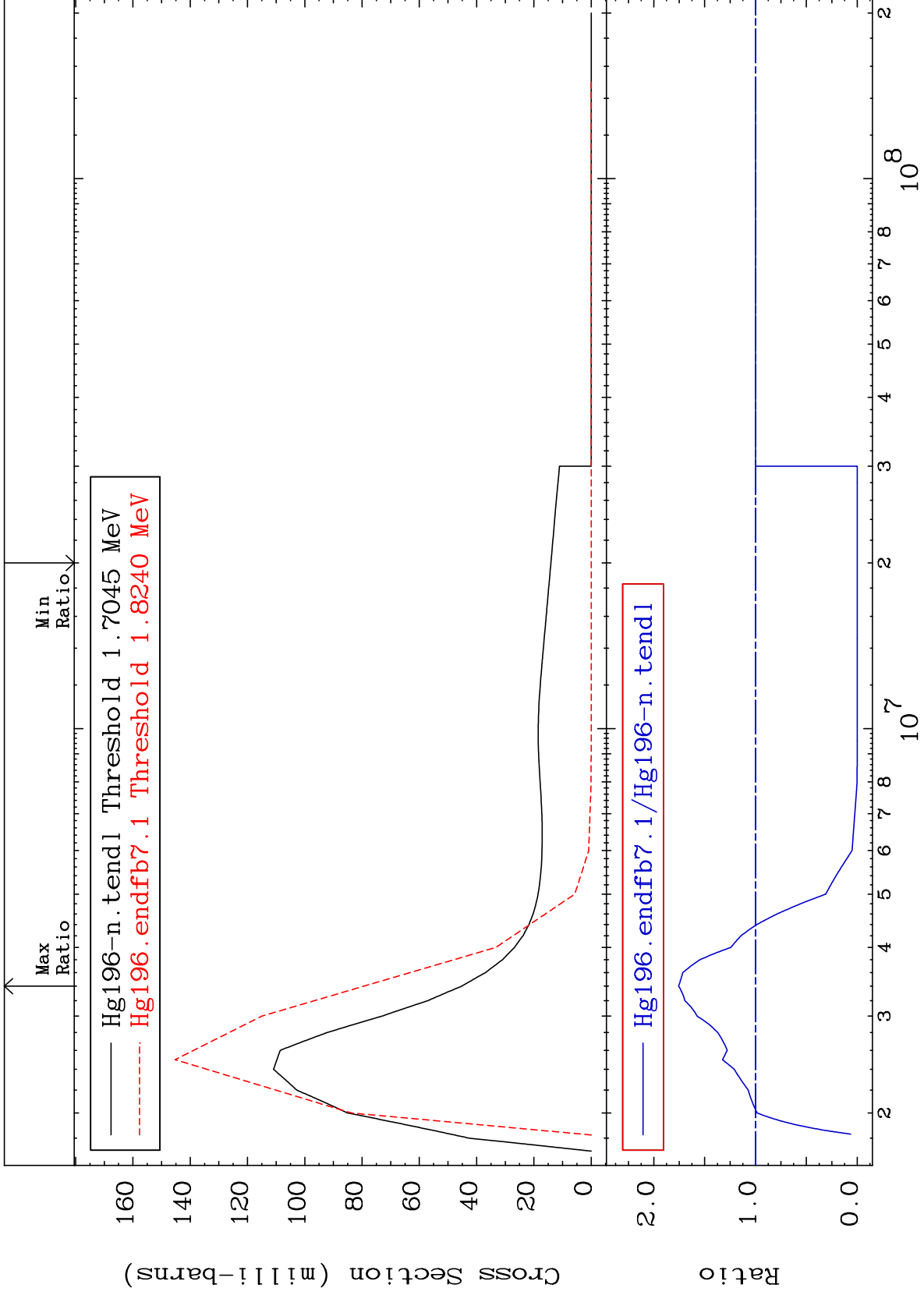
Incident Energy (eV)

80-Hg-196

MAT 8025

1.696 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 75.60 %



17

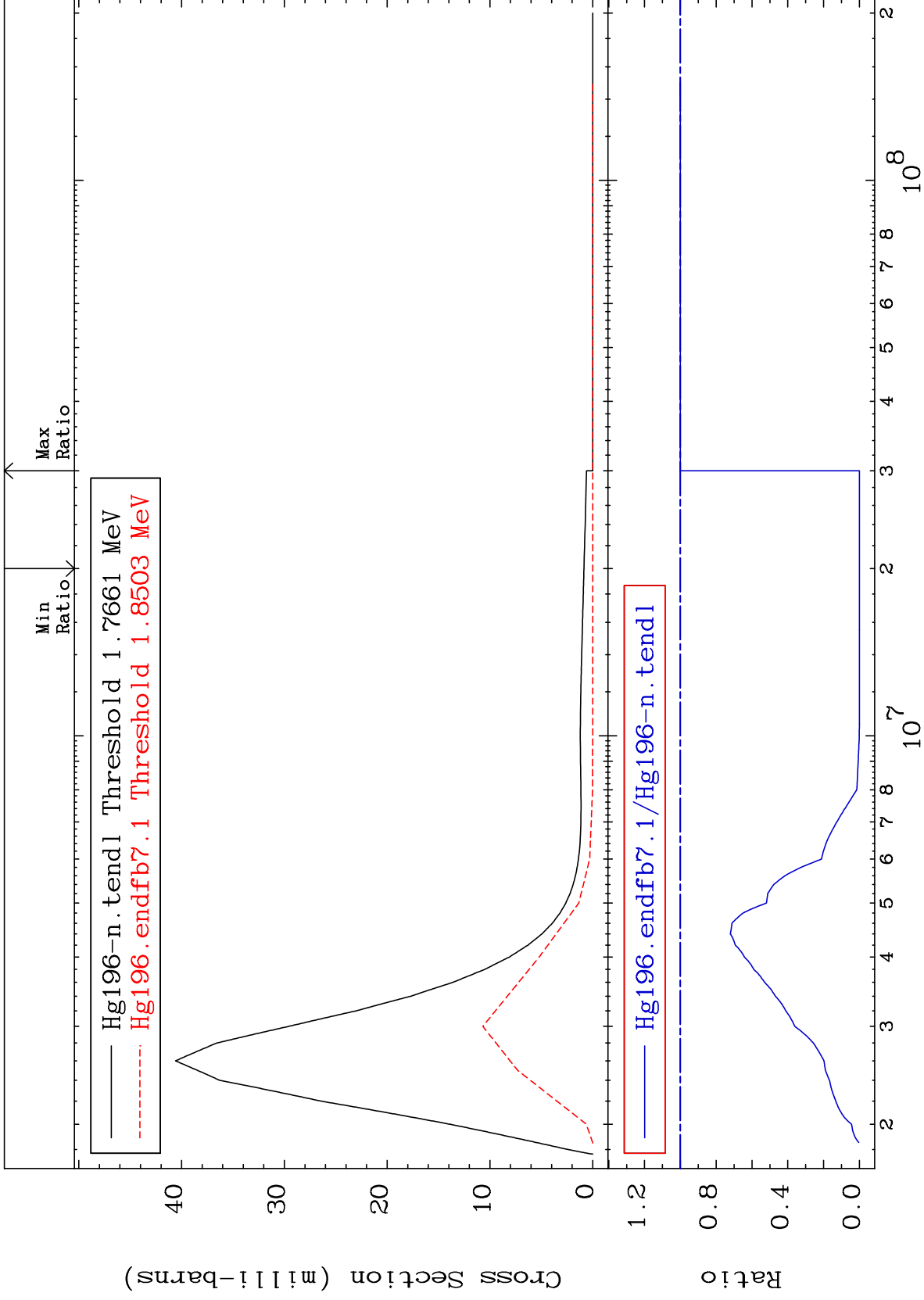
Incident Energy (eV)

80-Hg-196

MAT 8025

1.757 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 0.000 %



18

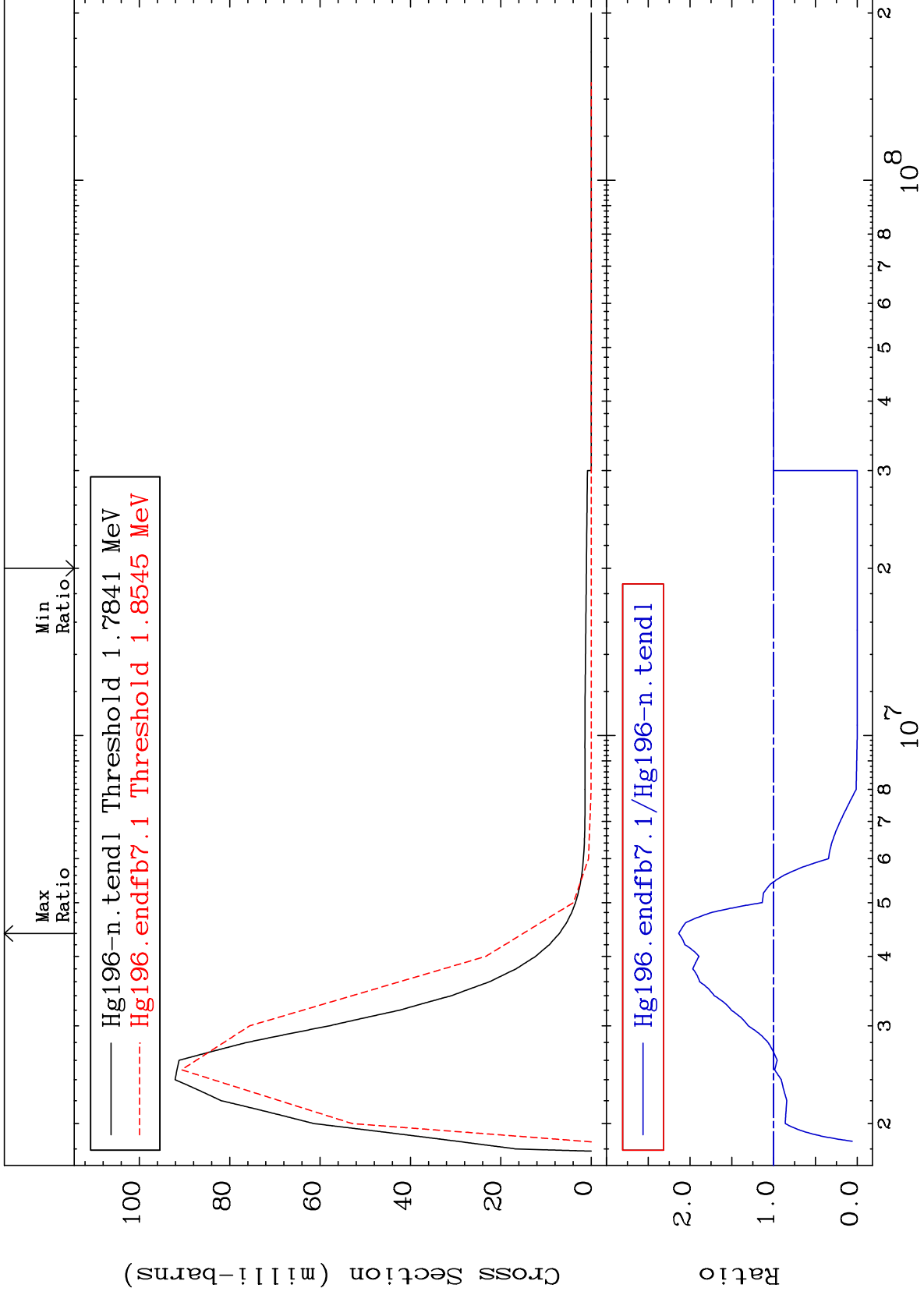
Incident Energy (eV)

80-Hg-196

MAT 8025

1.775 MeV (n,n') Level
Cross Section

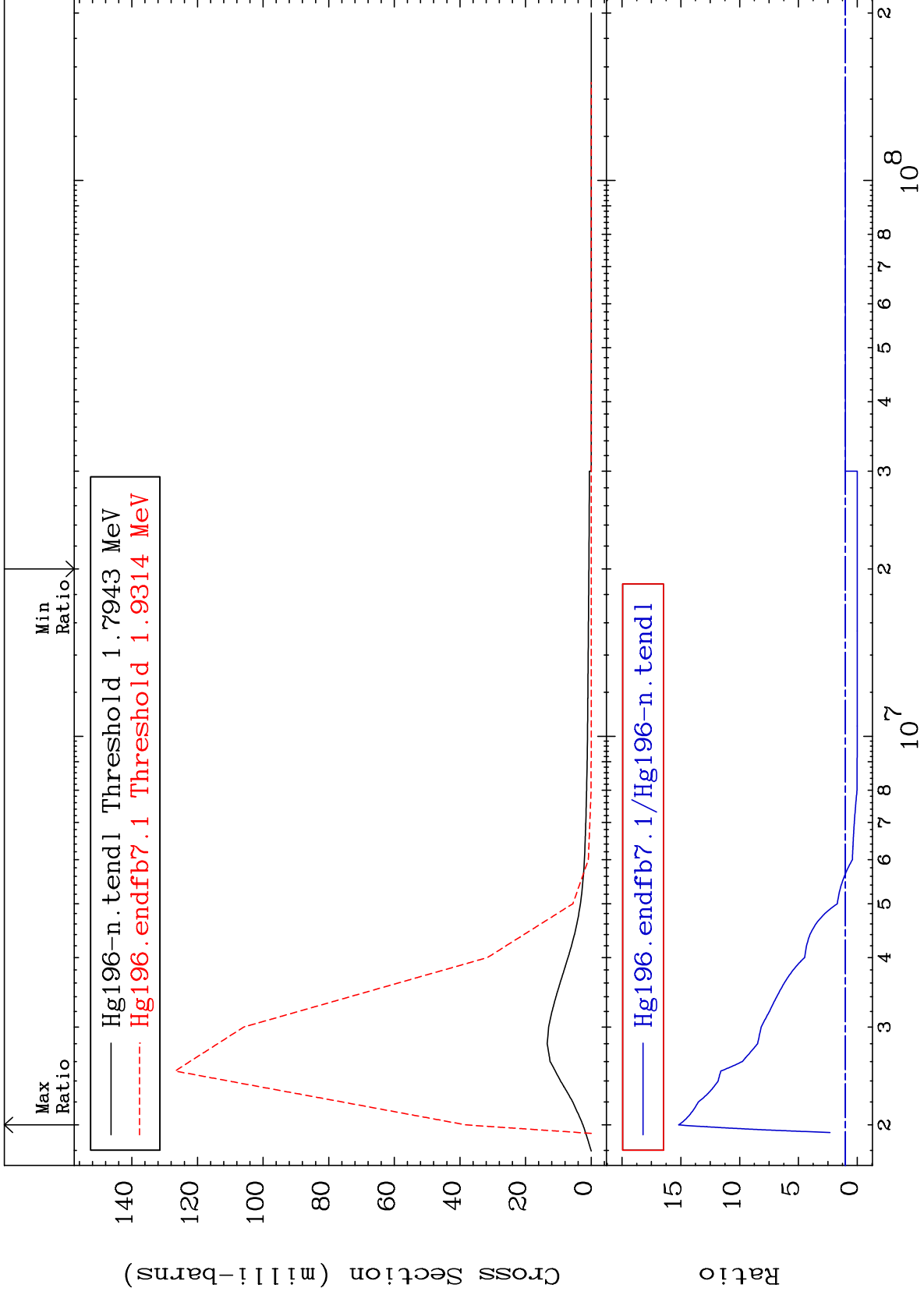
80-Hg-196
-100.0 To 113.7 %



MAT 8025

1.785 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 1419. %



20

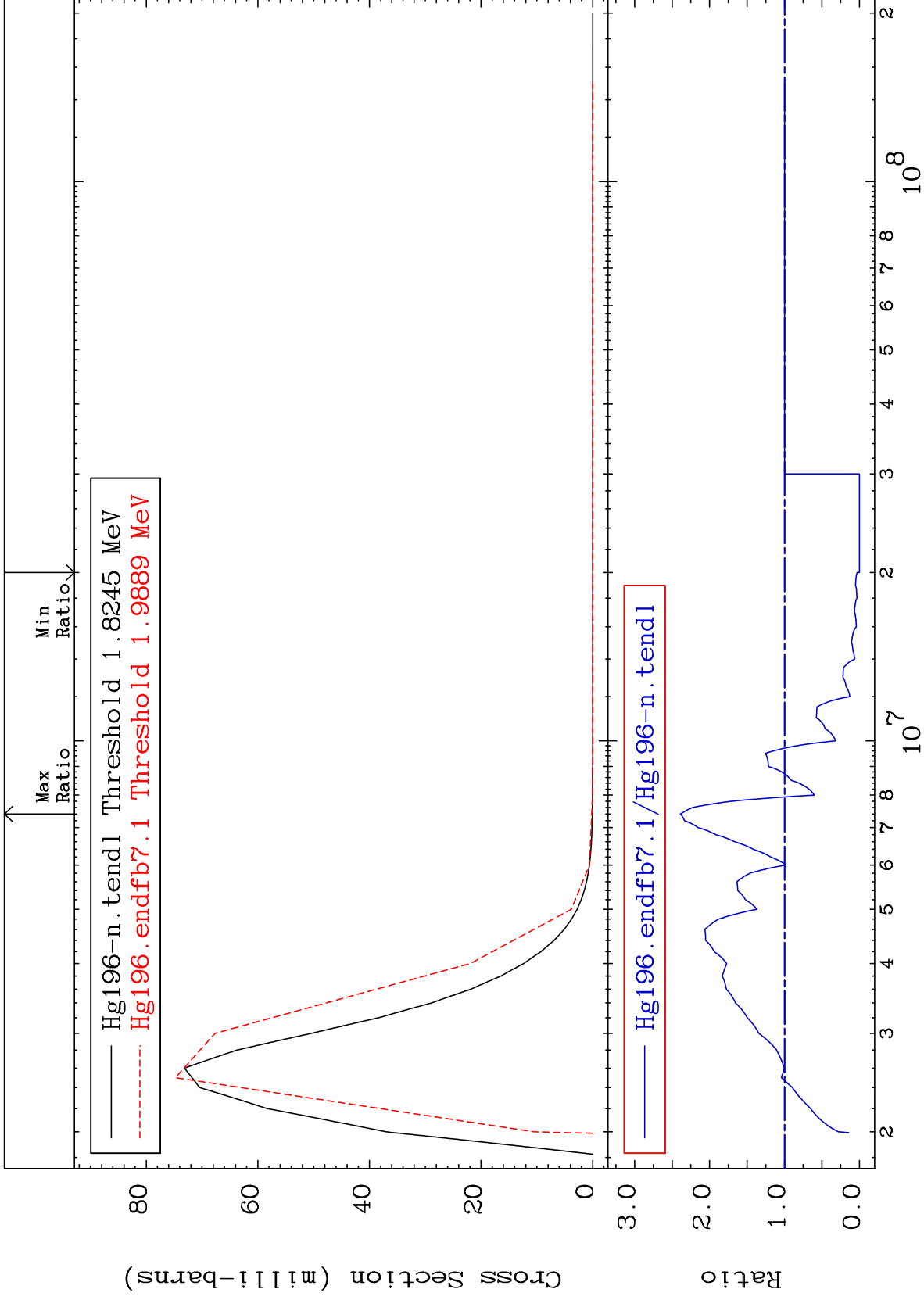
Incident Energy (eV)

80-Hg-196

MAT 8025

1.815 MeV (n,n') Level
Cross Section

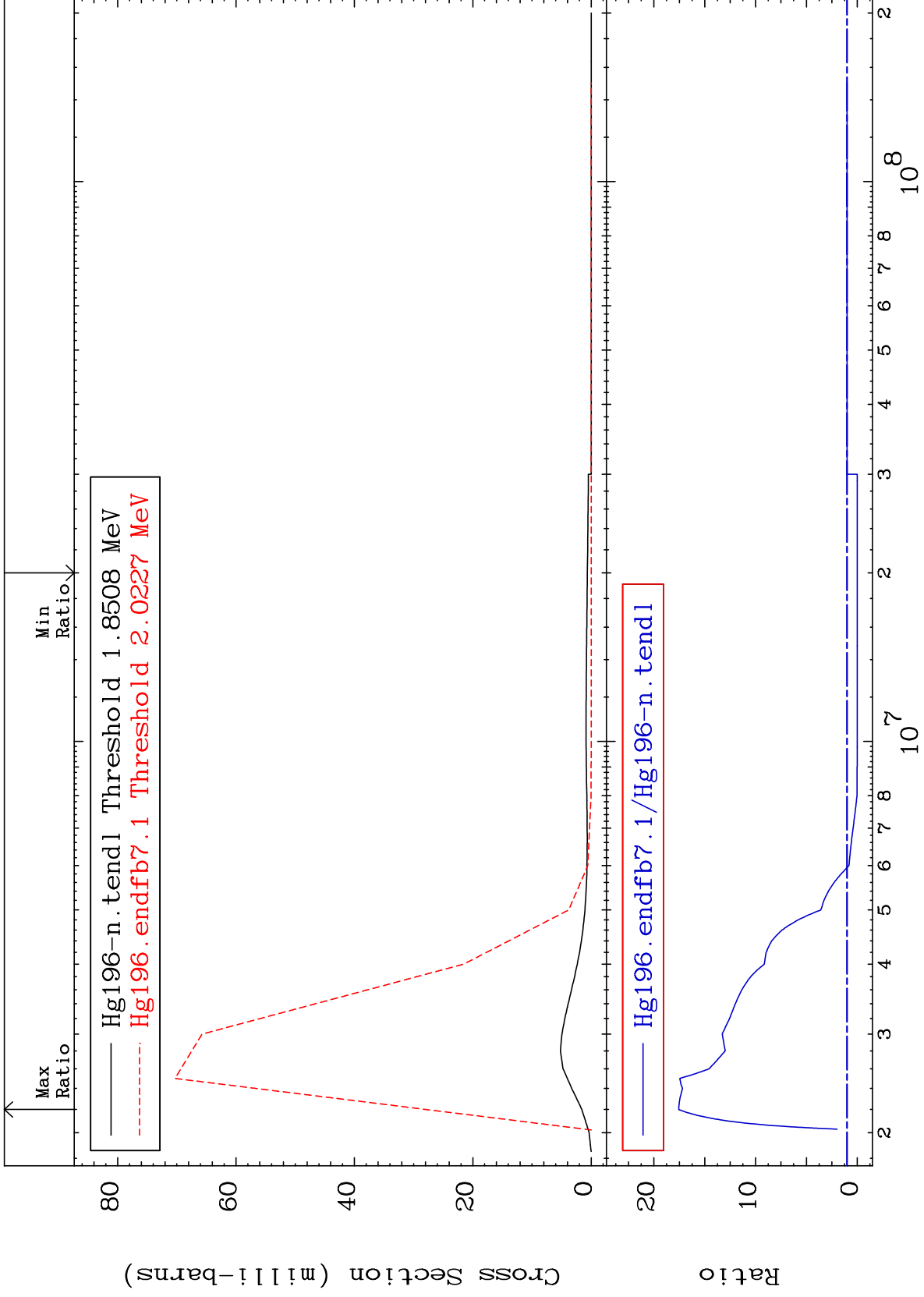
80-Hg-196
-100.0 To 139.0 %

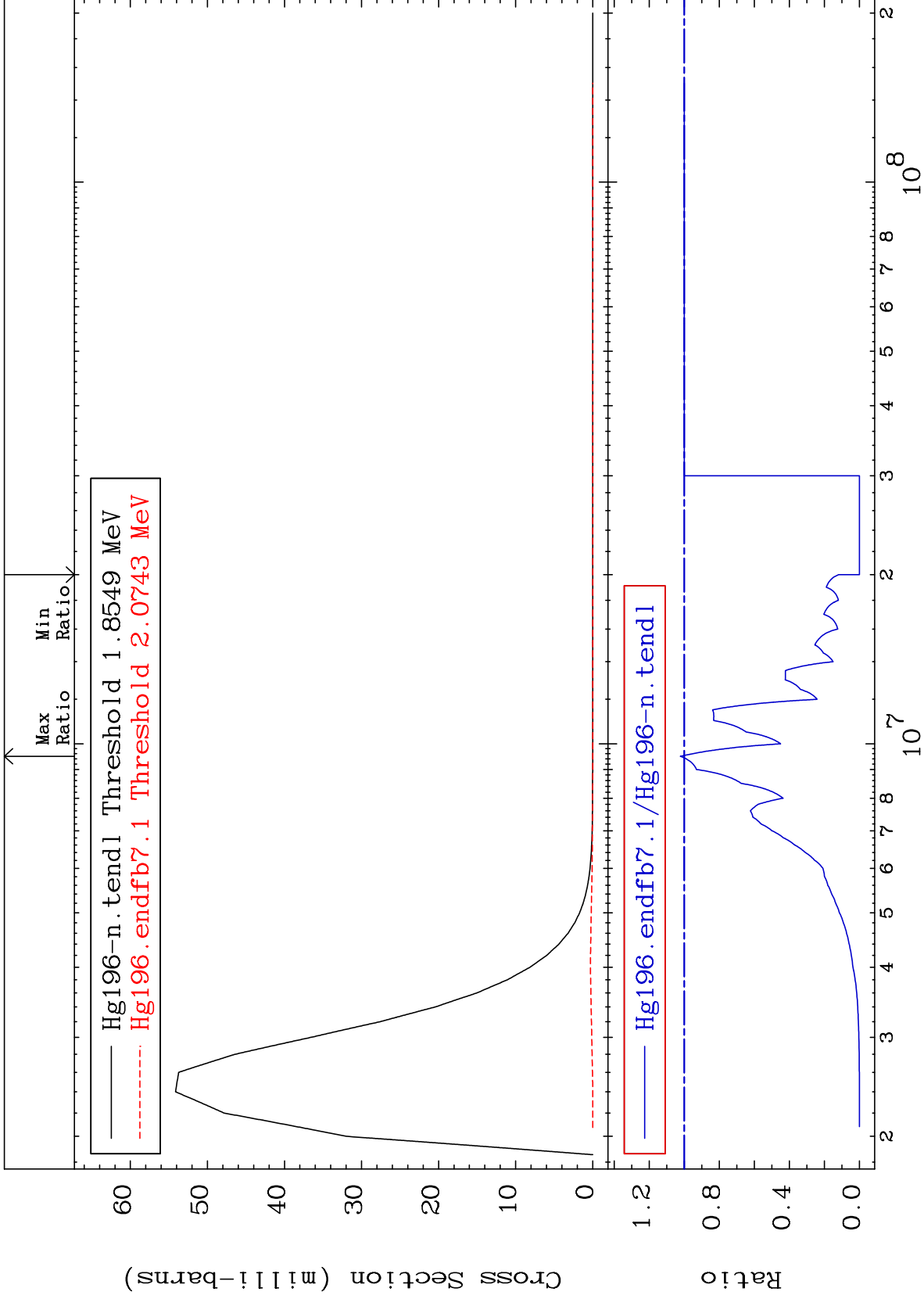


MAT 8025

1.841 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 1657. %

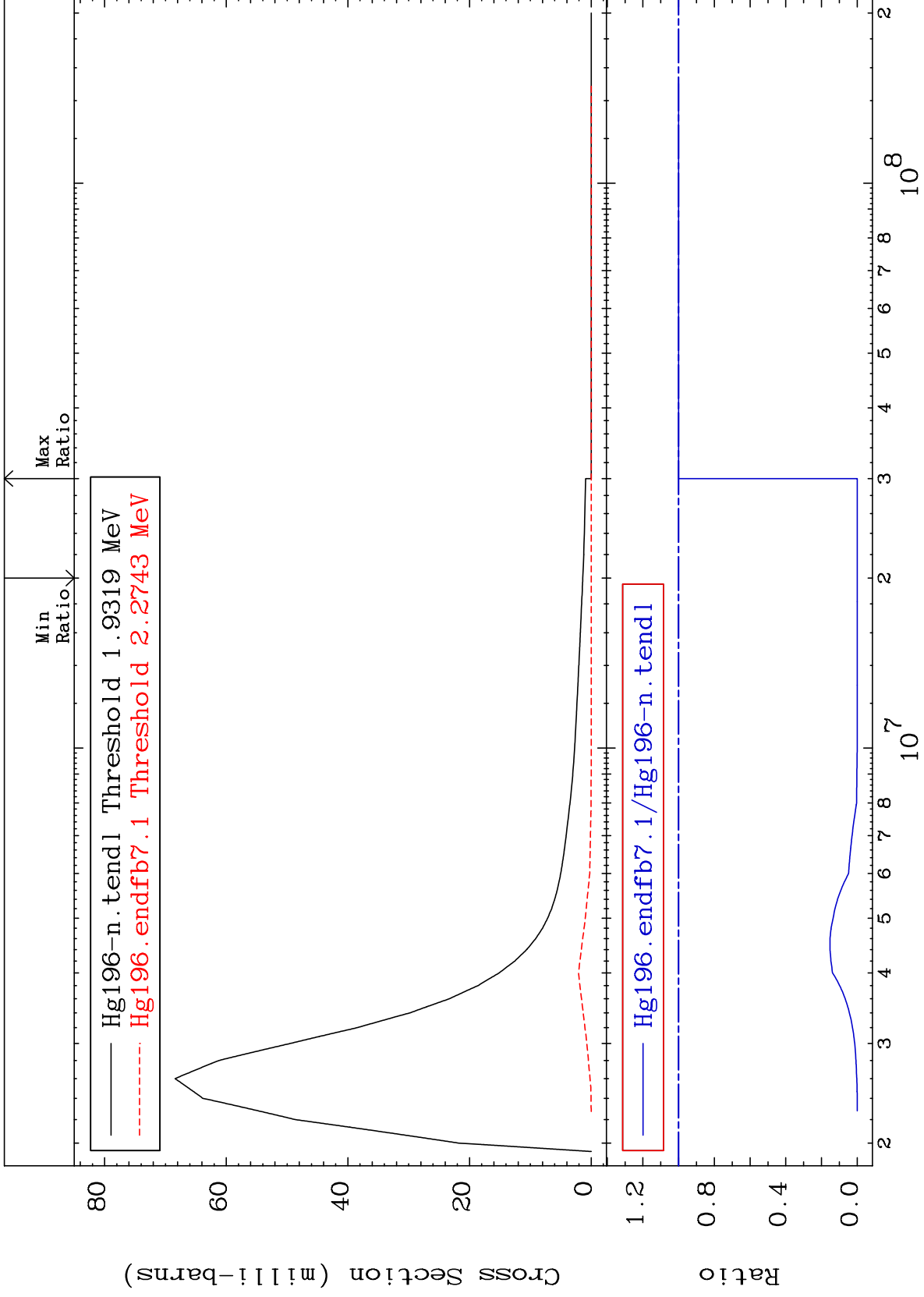




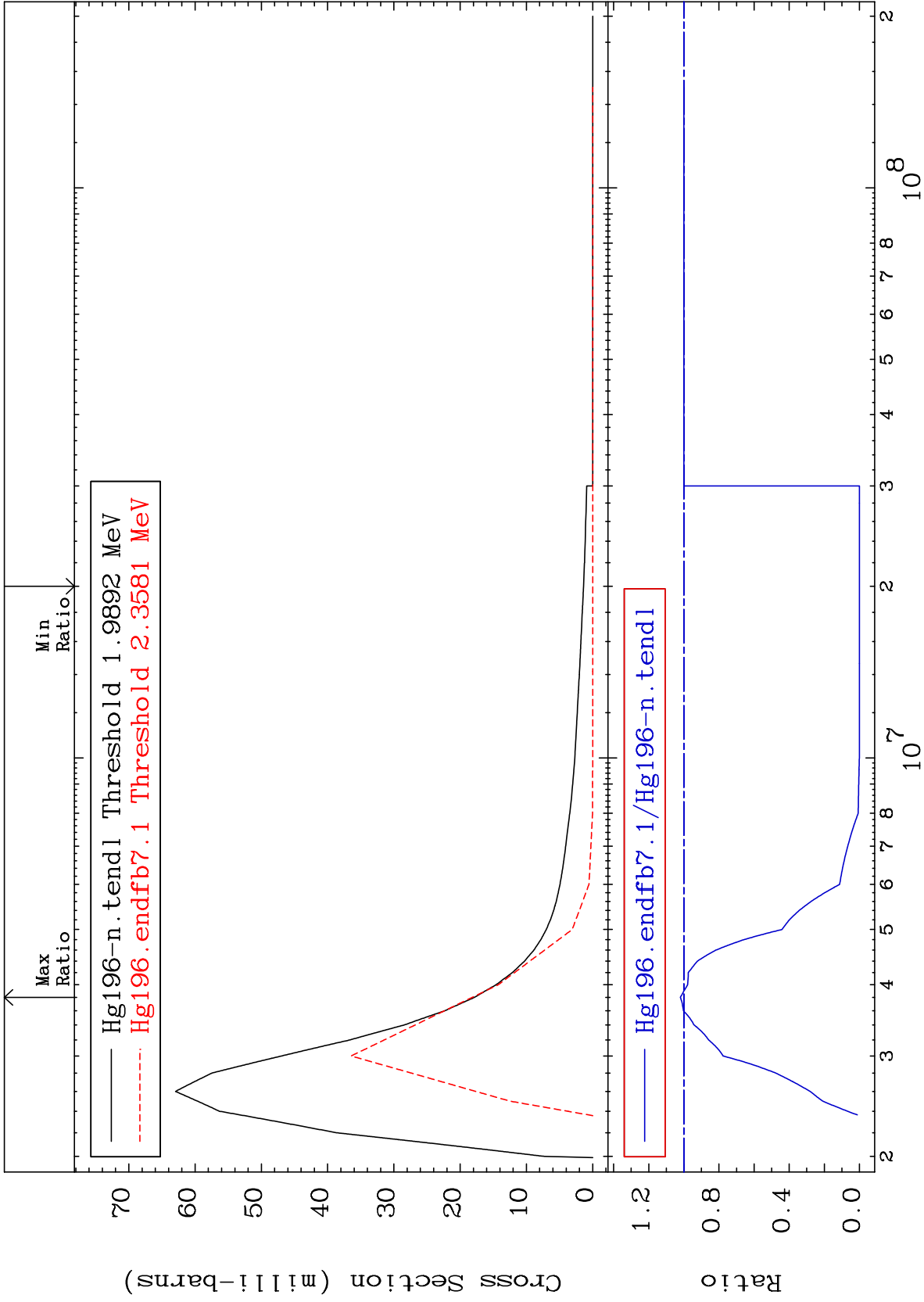
MAT 8025

1.922 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 0.000 %



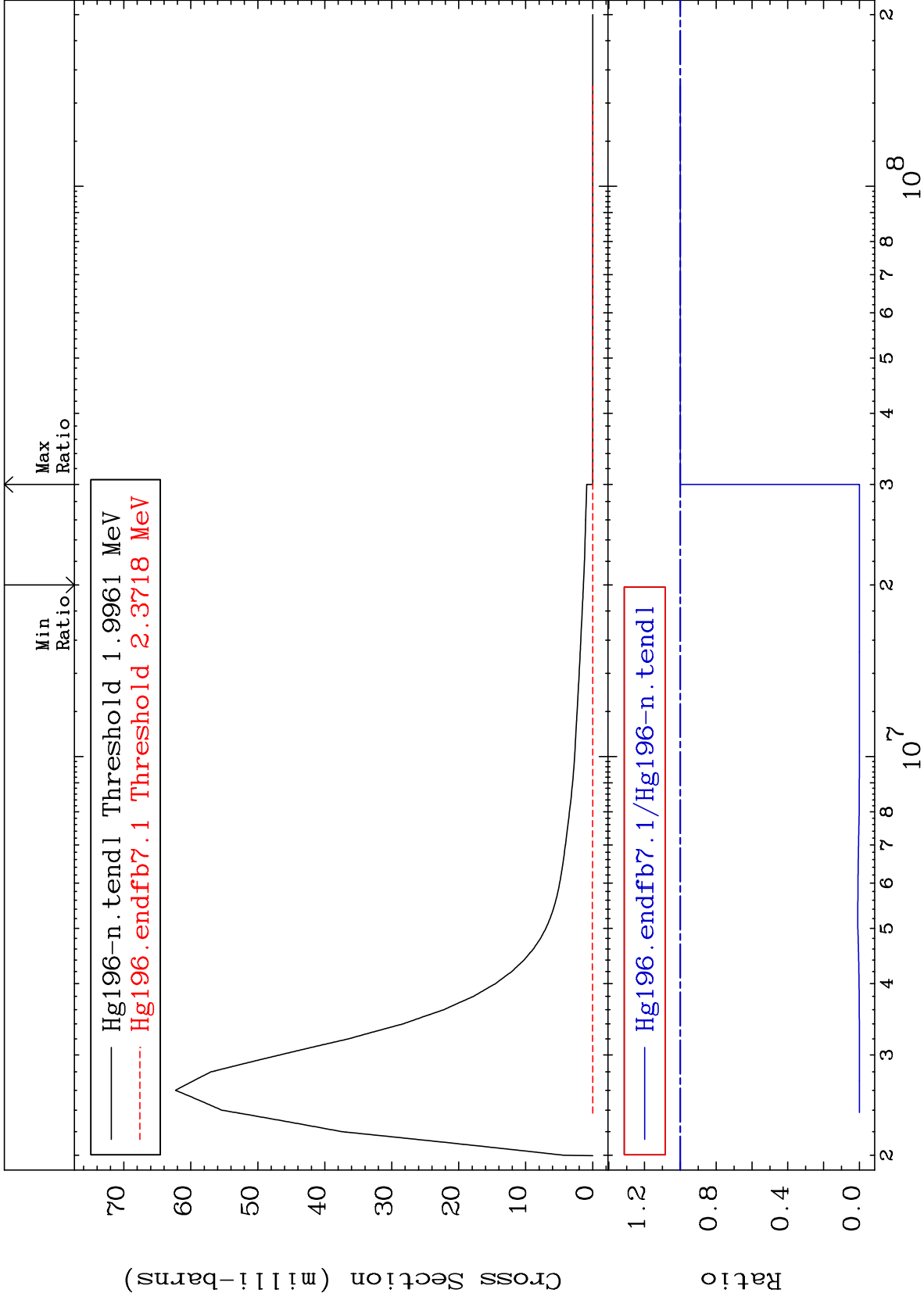
MAT 8025 1.979 MeV (n,n') Level 80-Hg-196
 Cross Section -100.0 To 1.991 %



MAT 8025

1.986 MeV (n,n') Level
Cross Section

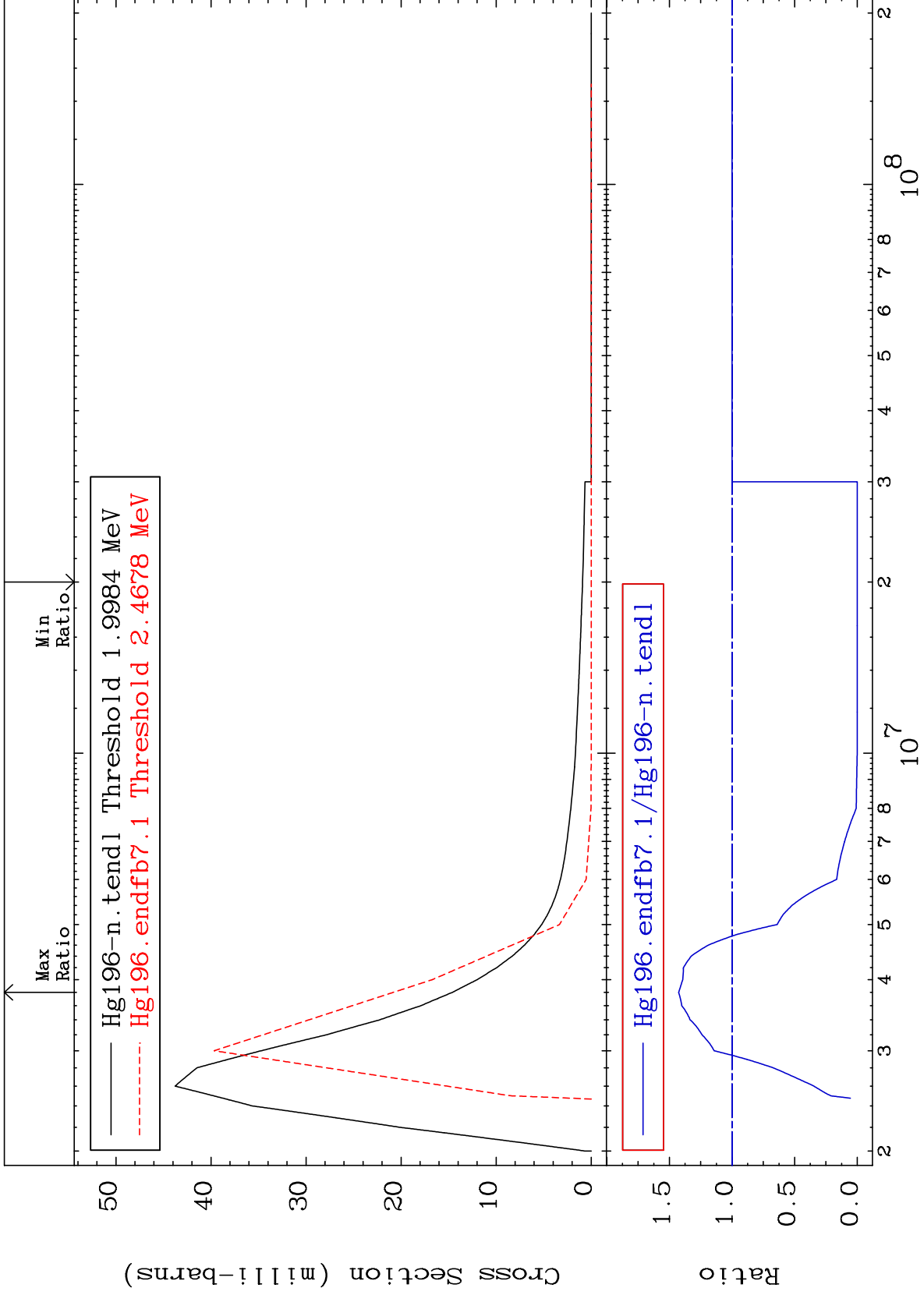
80-Hg-196
-100.0 To 0.000 %



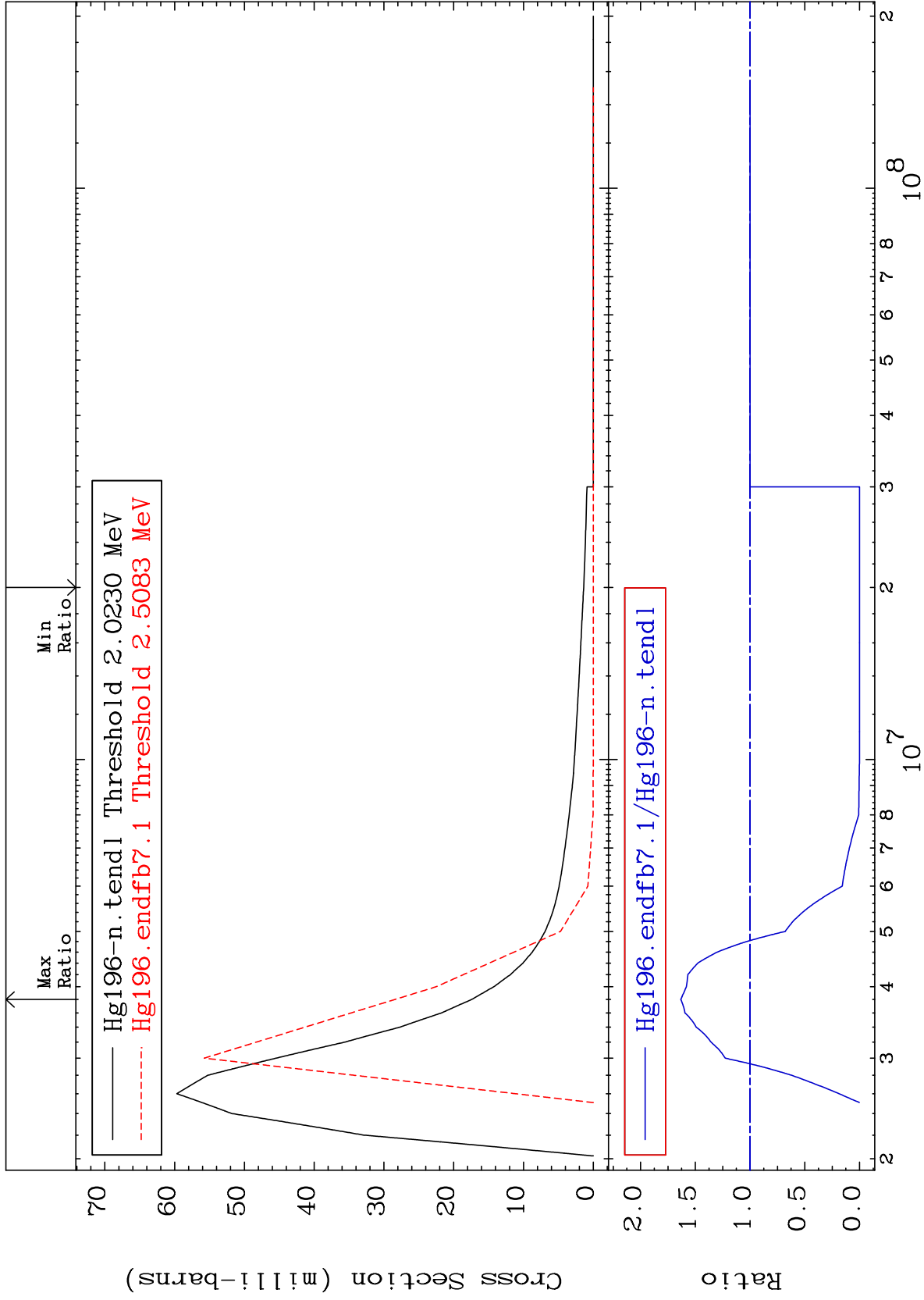
MAT 8025

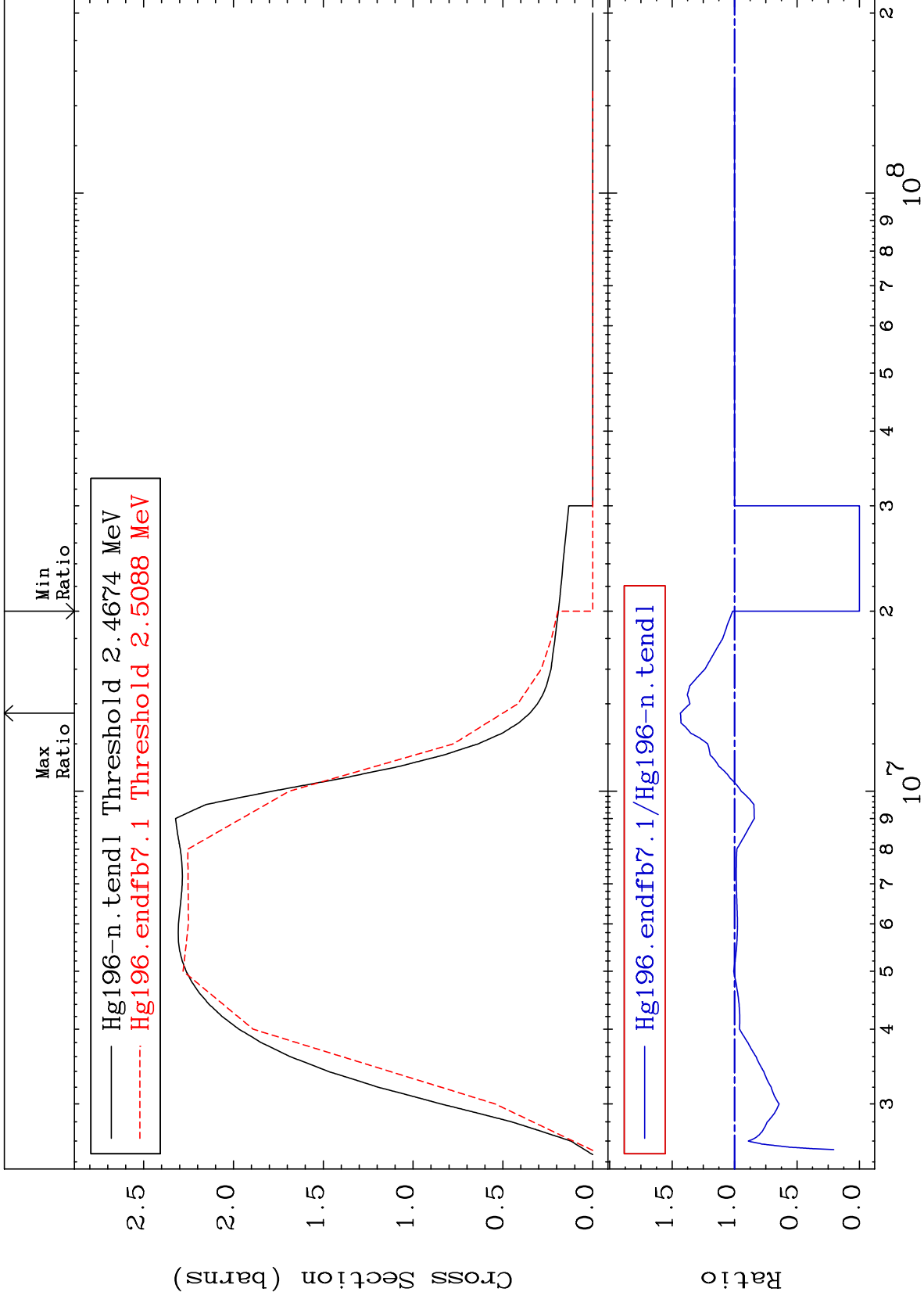
1.988 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 42.64 %



MAT 8025 2.013 MeV (n,n') Level 80-Hg-196
 Cross Section -100.0 To 63.28 %



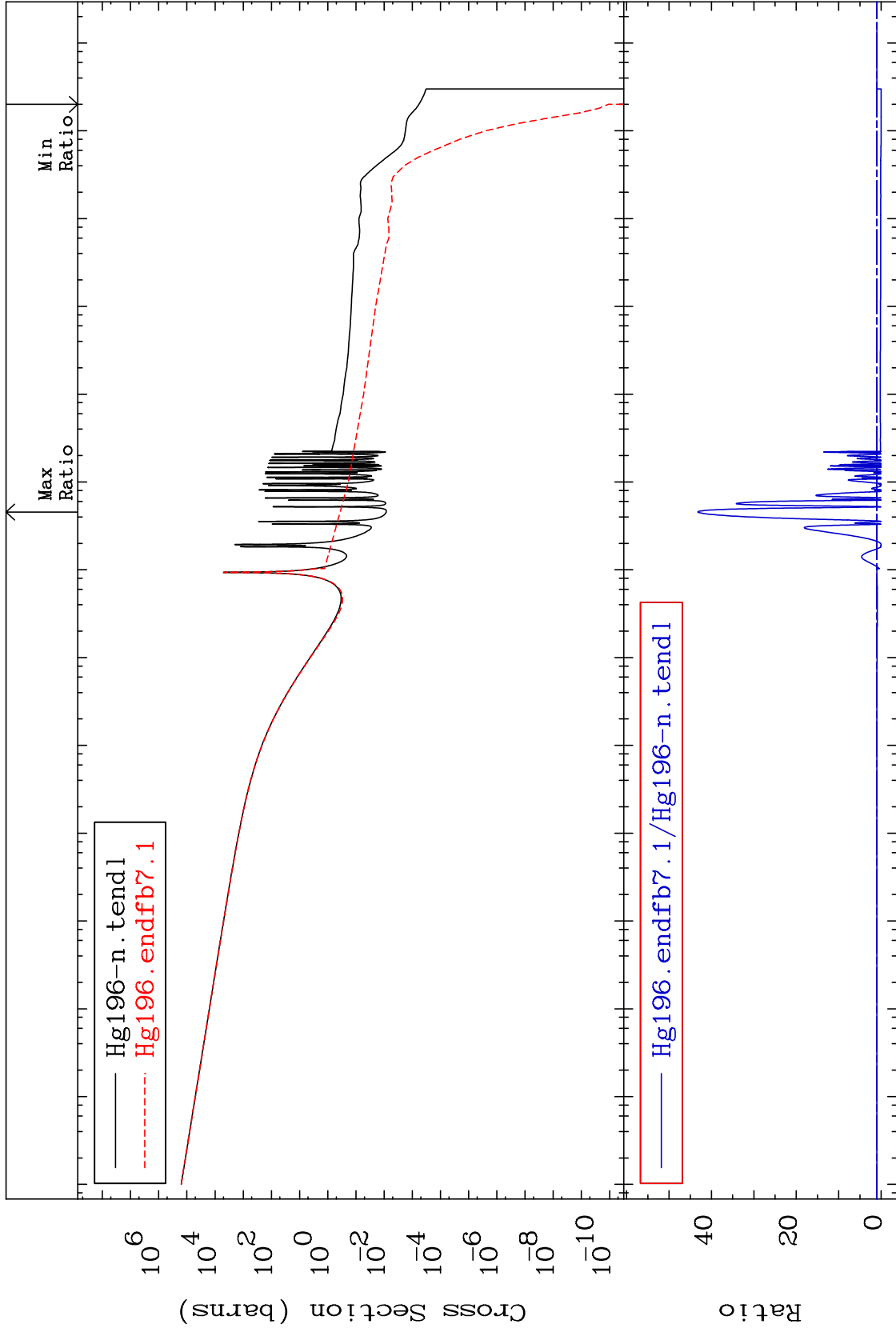


MAT 8025

80-Hg-196

-100.0 To 4221. %

(n, γ)
Cross Section



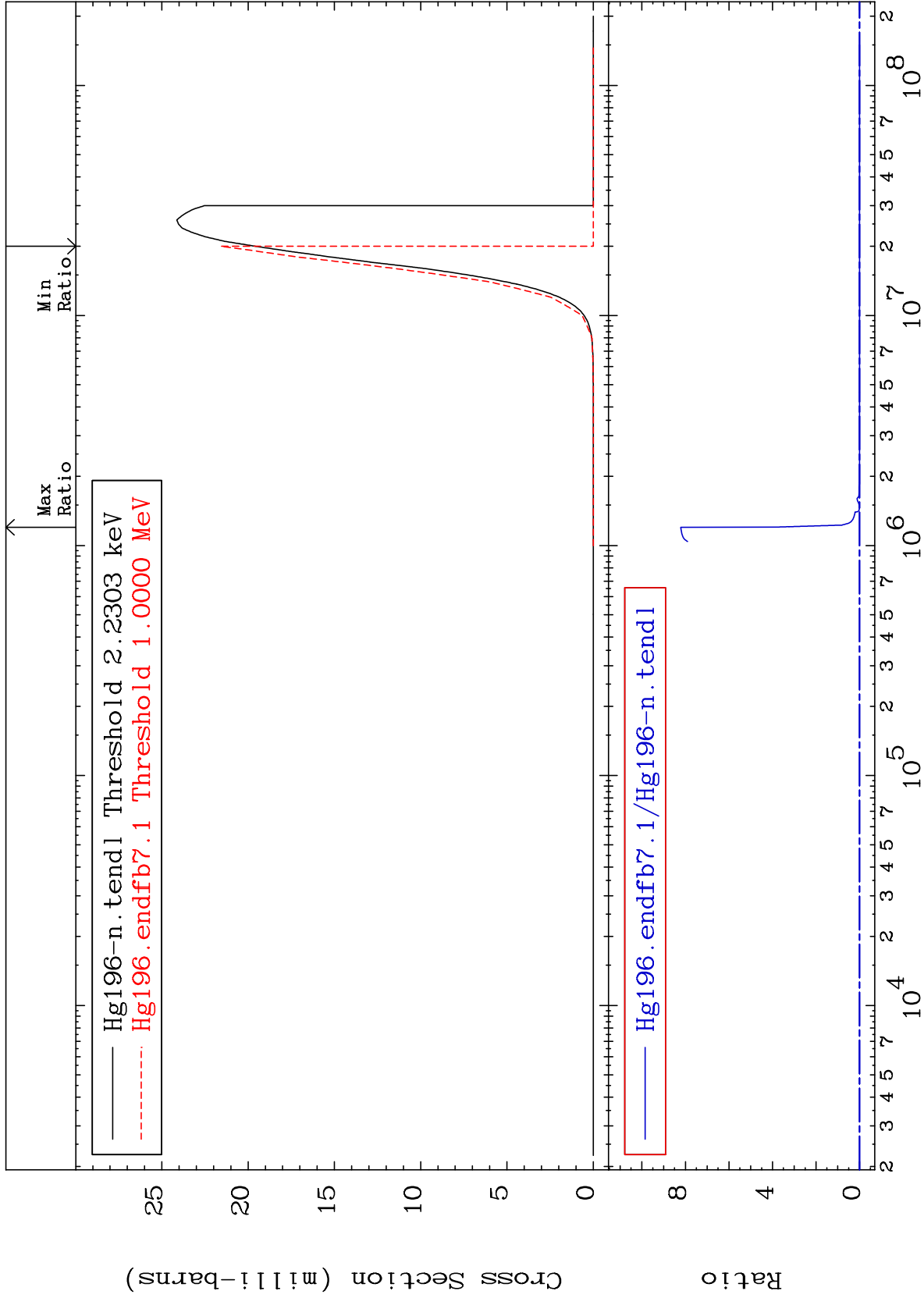
30

Incident Energy (eV)

80-Hg-196

MAT 8025

(n,p)
Cross Section
80-Hg-196
-100.0 To 9999. %



31

Incident Energy (eV)

80-Hg-196

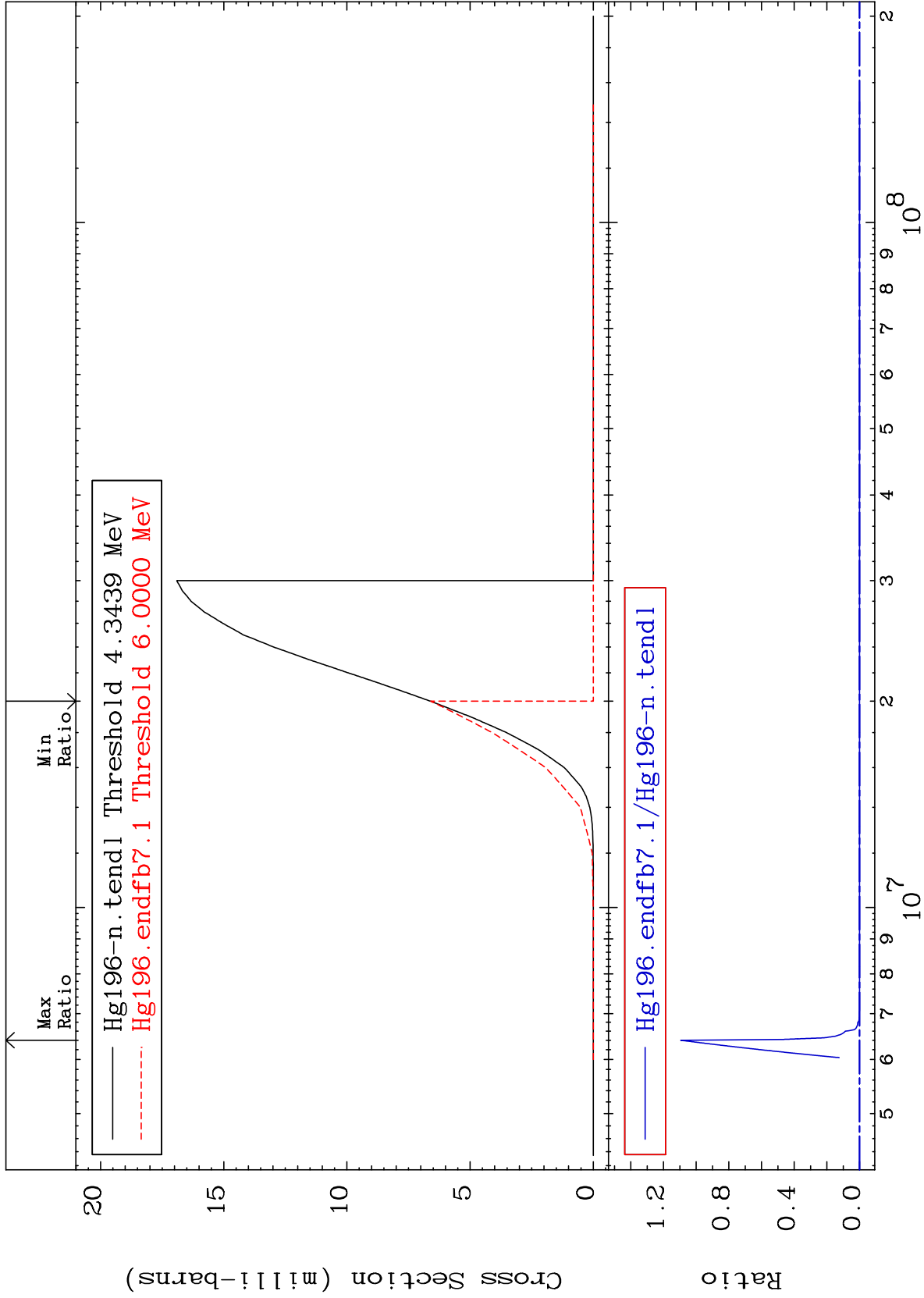
MAT 8025

(n, d)

80-Hg-196

Cross Section

-100.0 To 9999. %

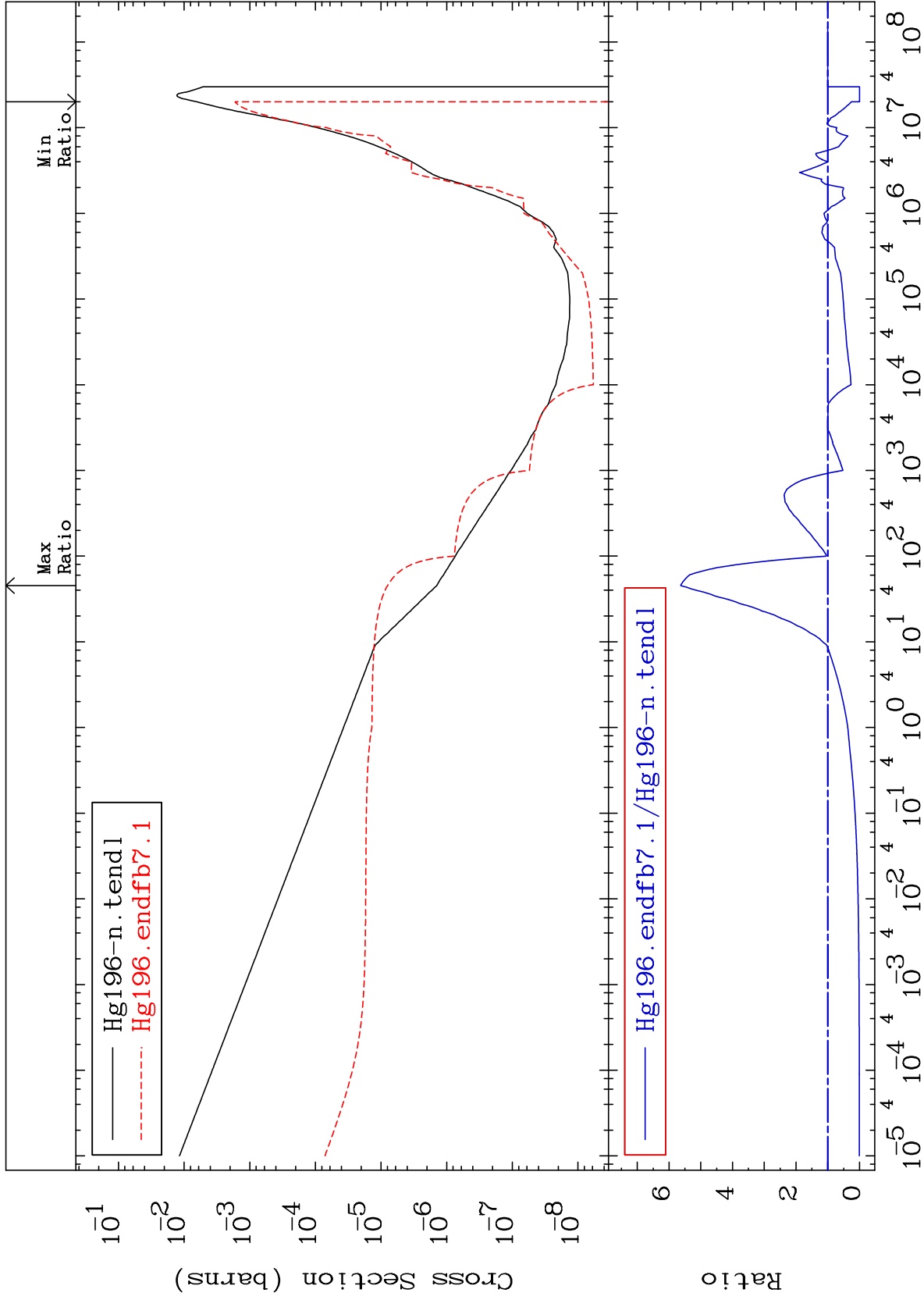


MAT 8025

80-Hg-196

(n, α)
Cross Section

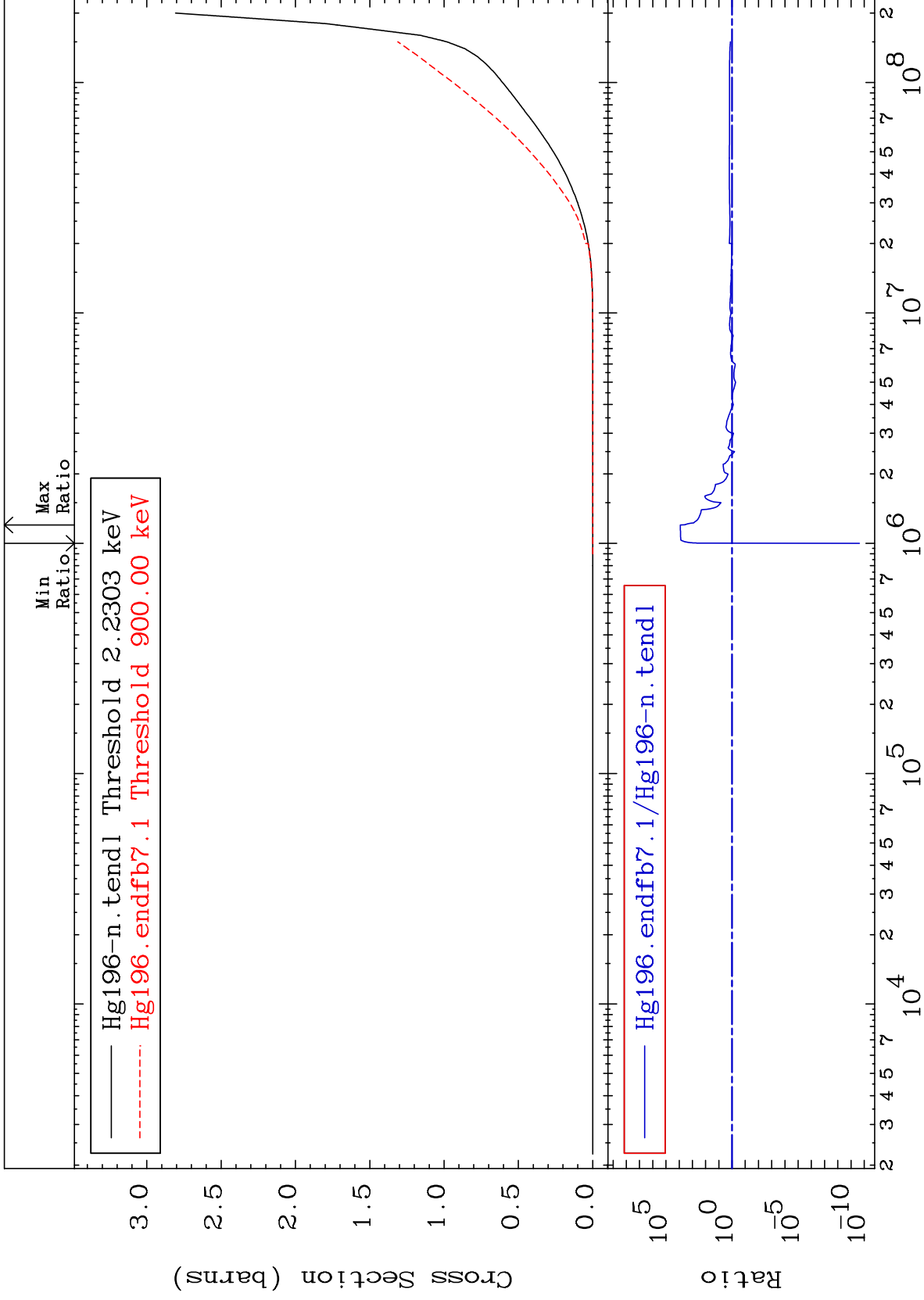
-100.0 To 463.0 %



33

Incident Energy (eV)

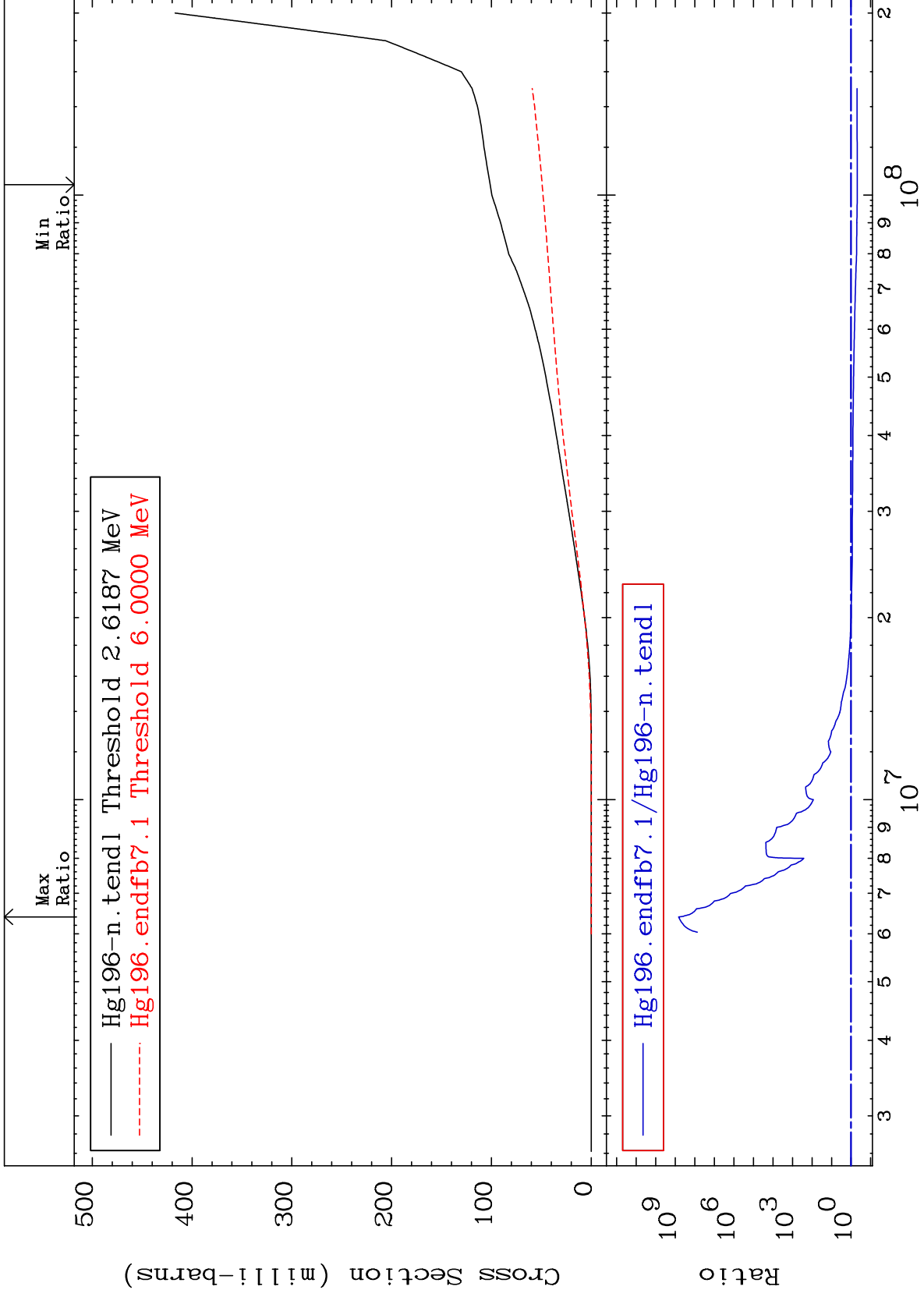
80-Hg-196



MAT 8025

Deuterium Production
Cross Section

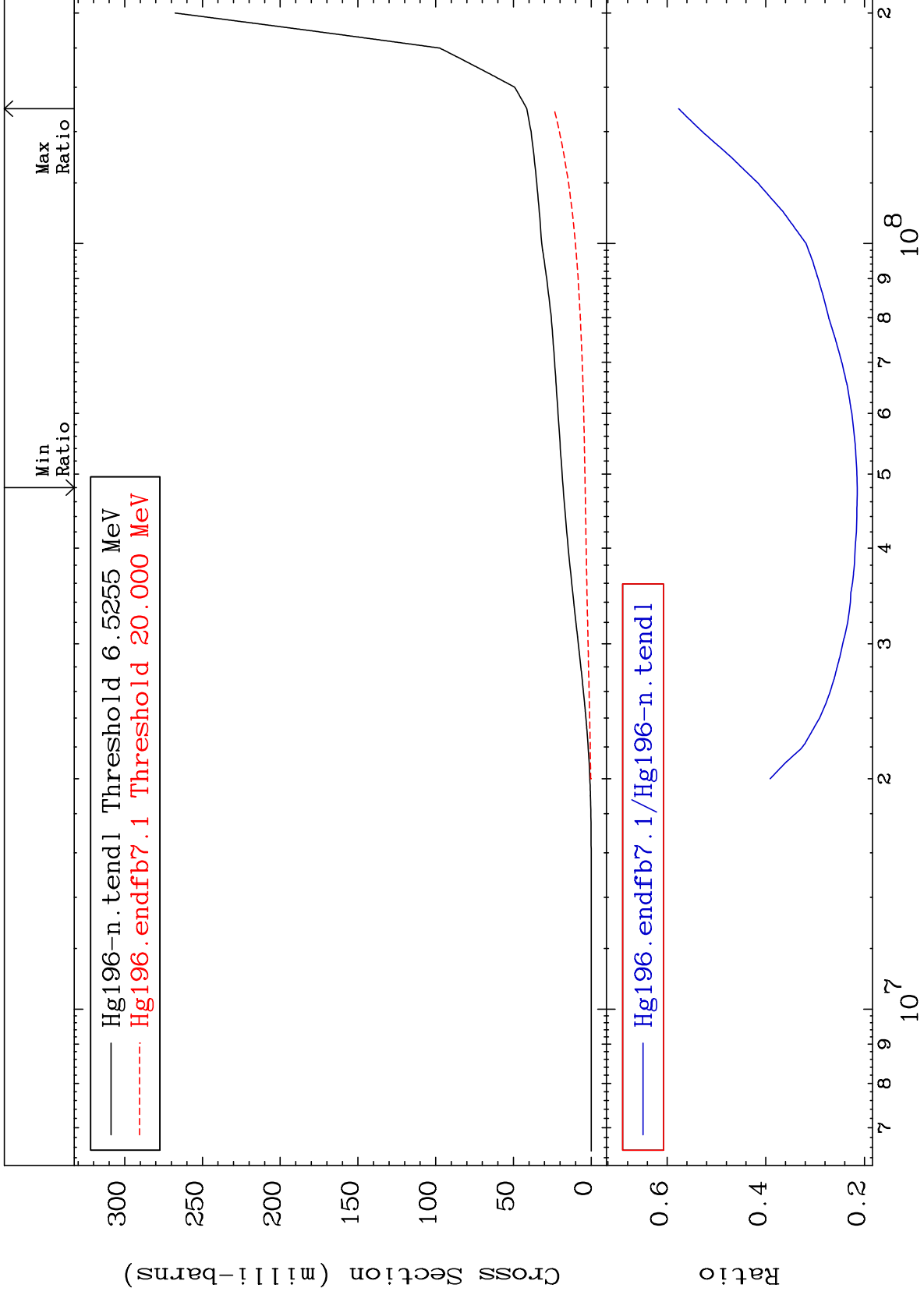
80-Hg-196
-51.54 To 9999. %



MAT 8025

Tritium Production
Cross Section

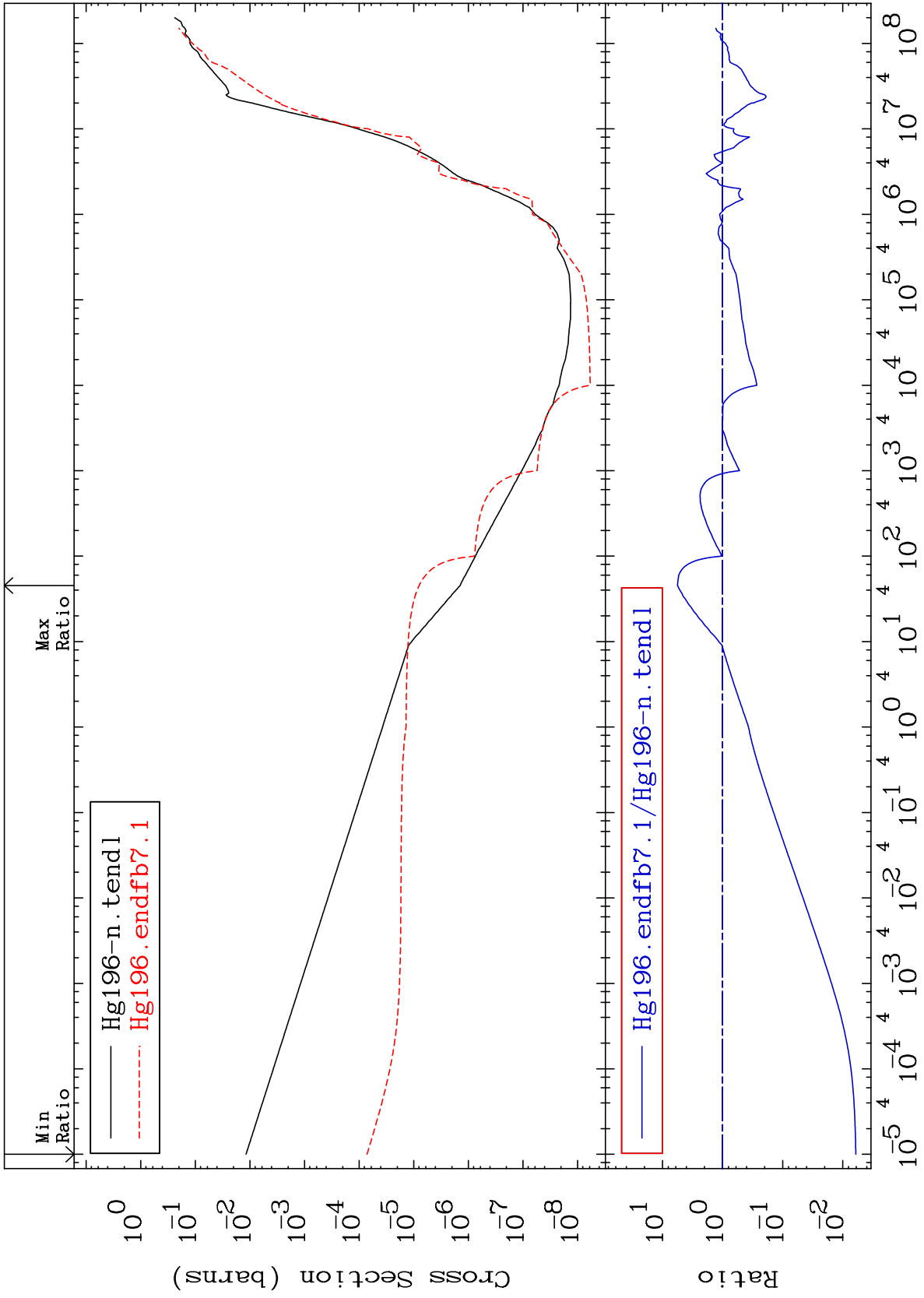
80-Hg-196
-78.52 To -42.34%

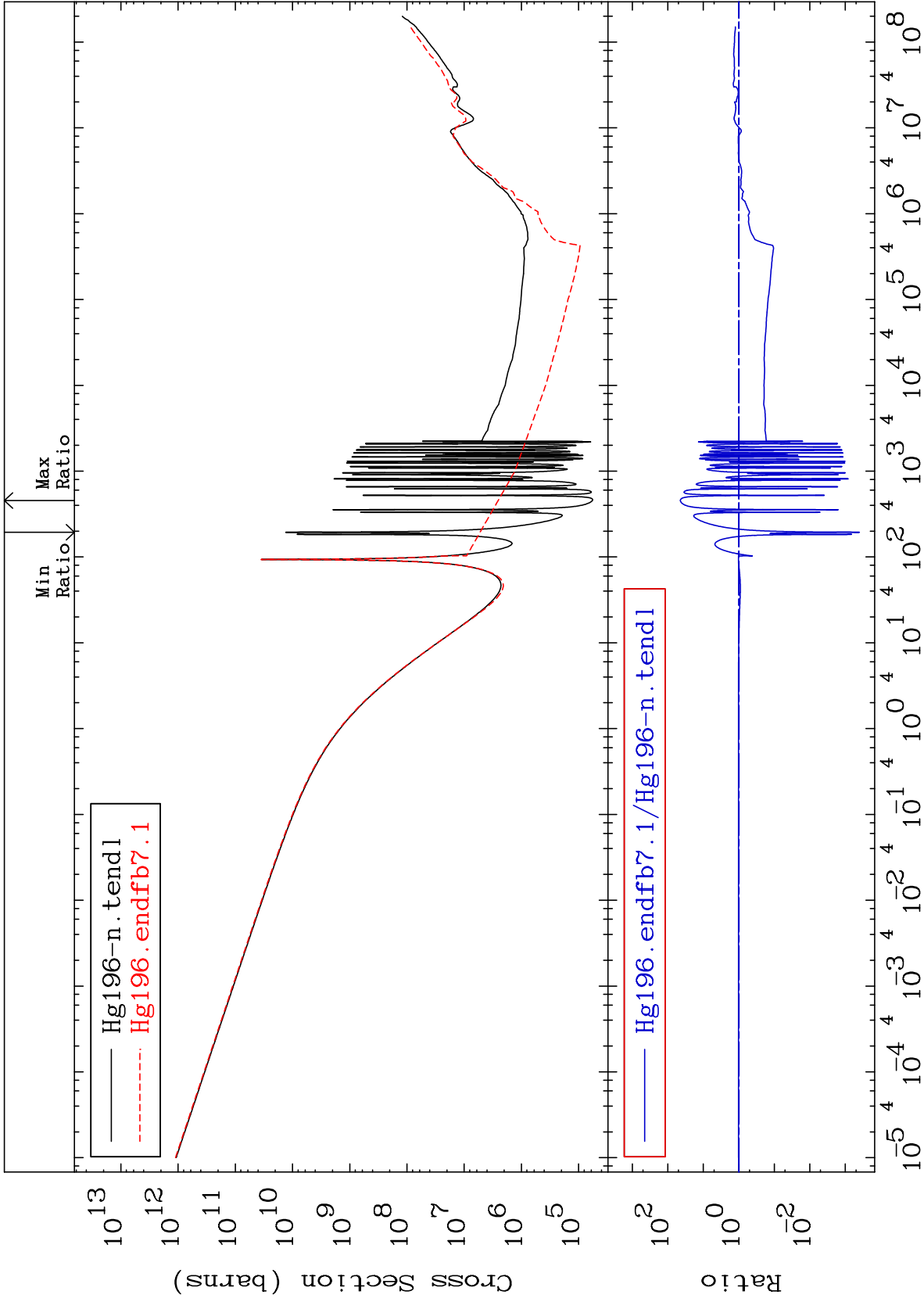


MAT 8025

He-4 Production
Cross Section

80-Hg-196
-99.39 To 463.0 %

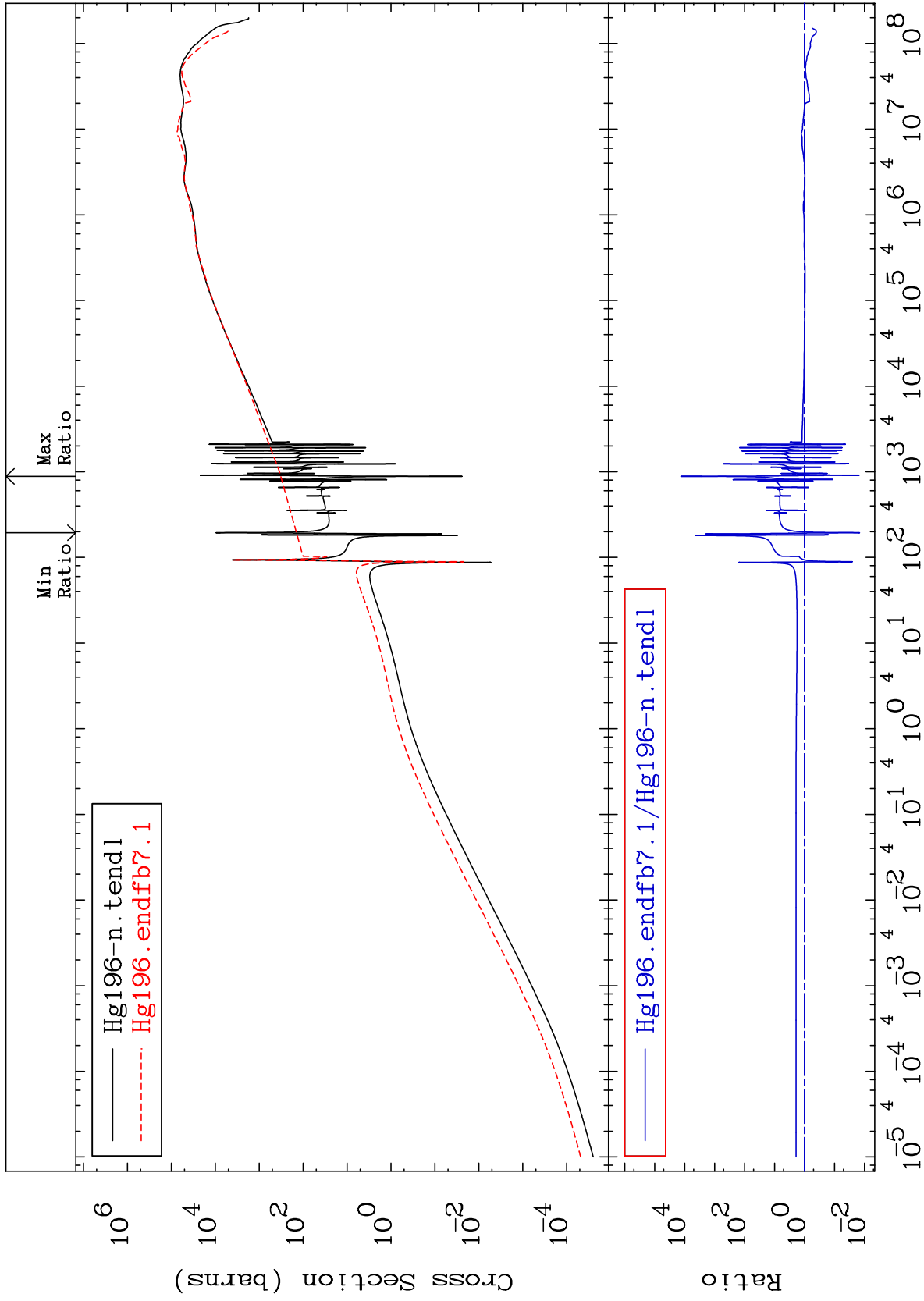


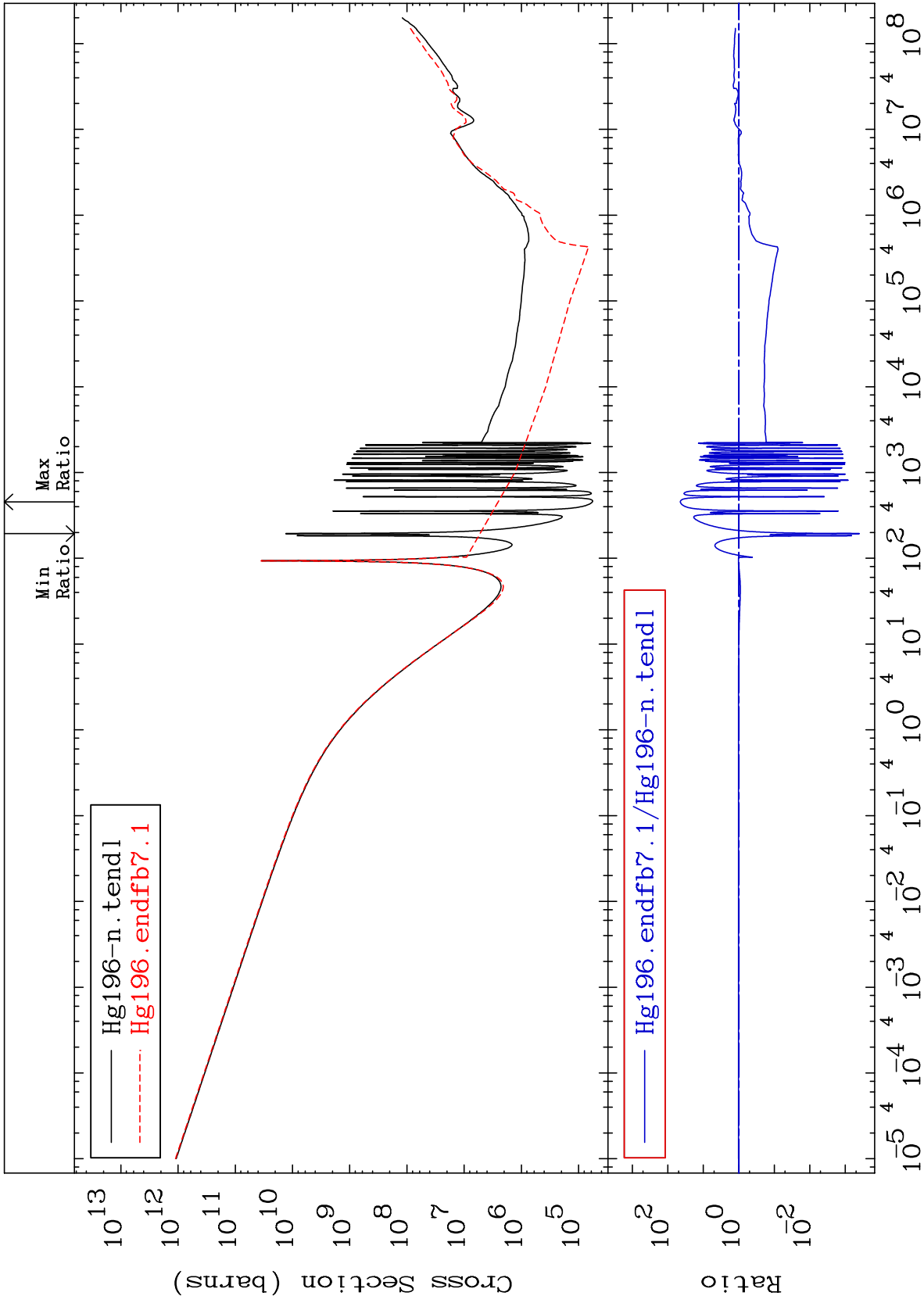


MAT 8025

Kerma elastic
Cross Section

80-Hg-196
-98.54 To 9999. %

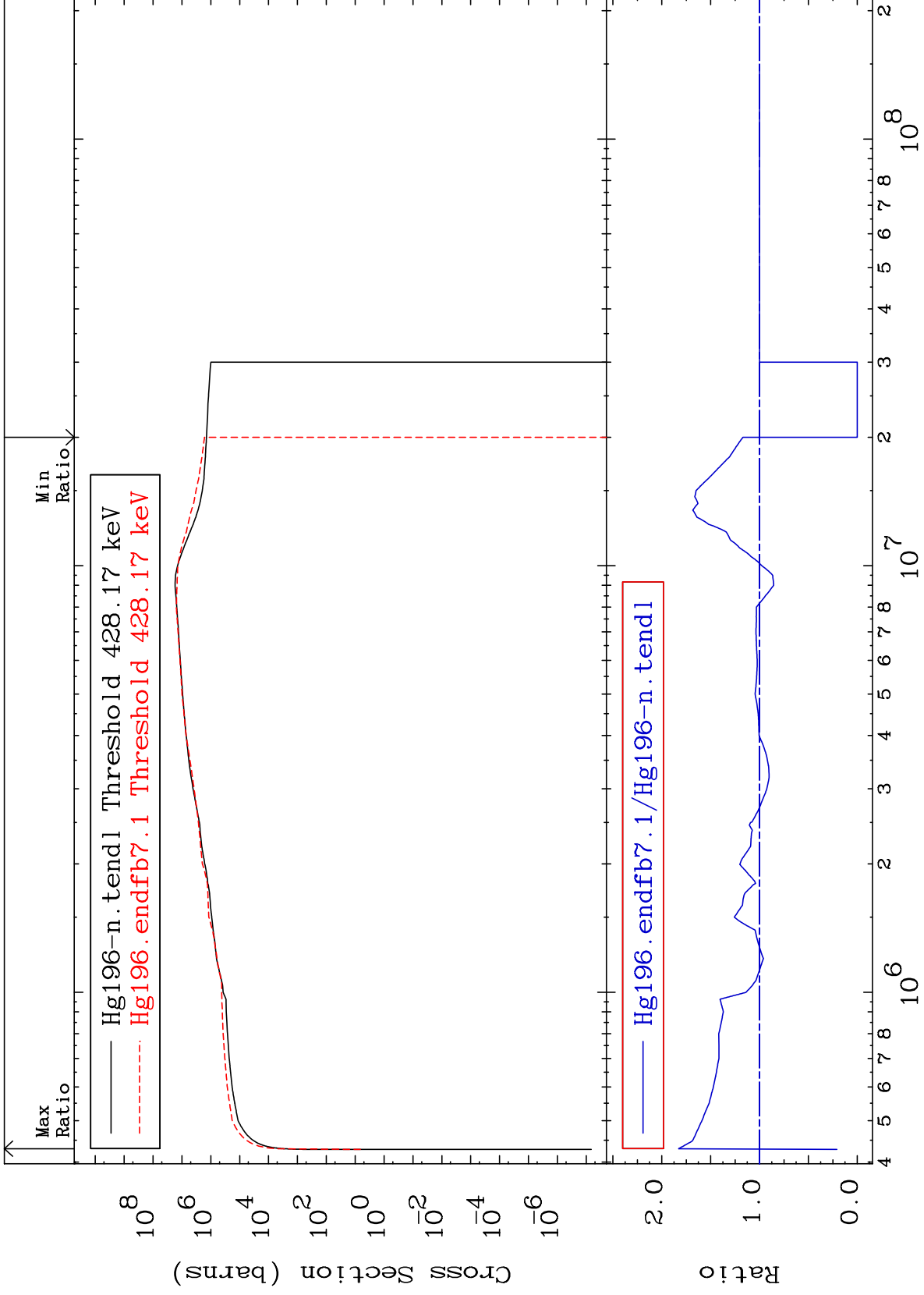




MAT 8025

Kerma inelastic (mt51-91)
Cross Section

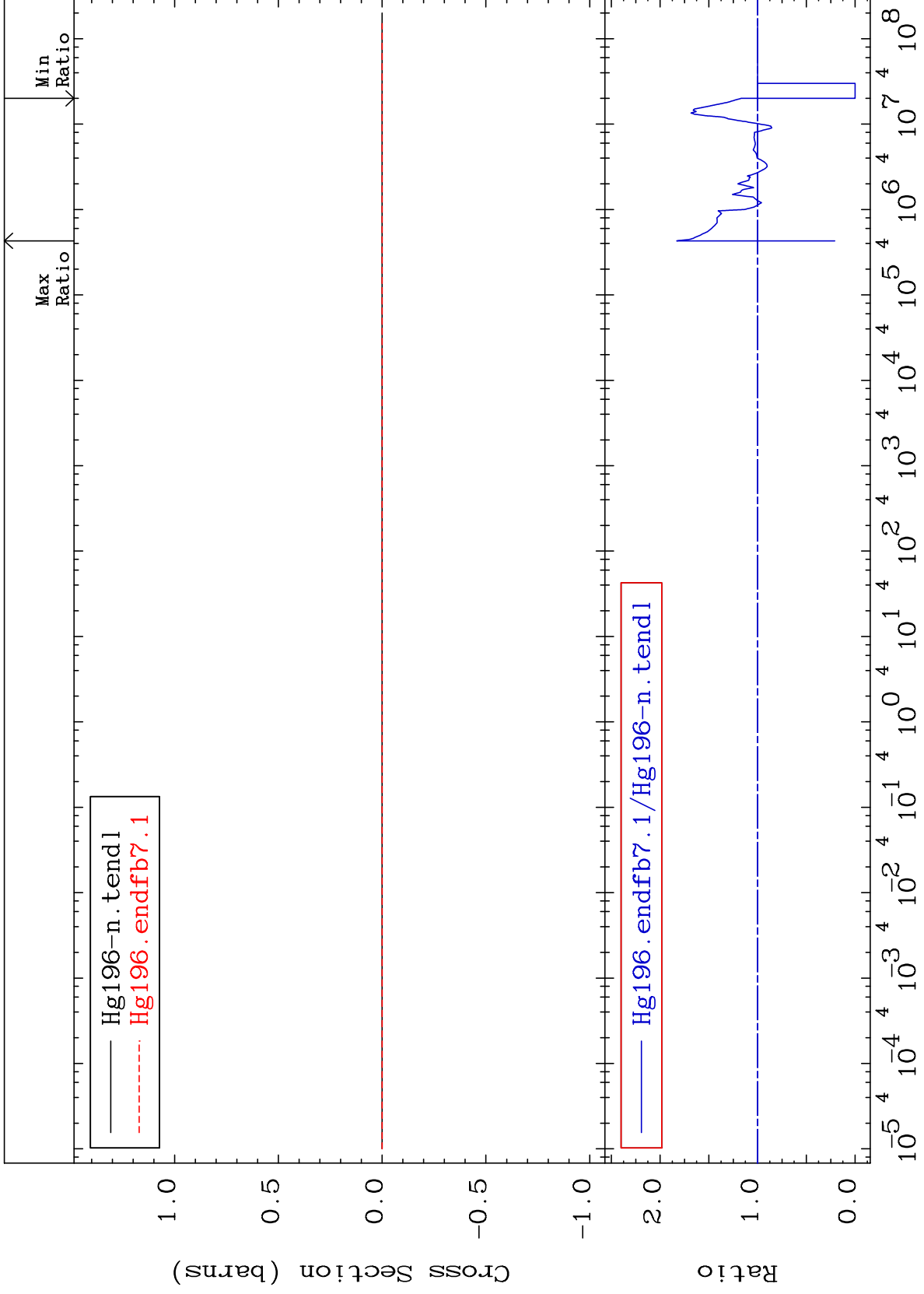
80-Hg-196
-100.0 To 82.76 %



MAT 8025

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

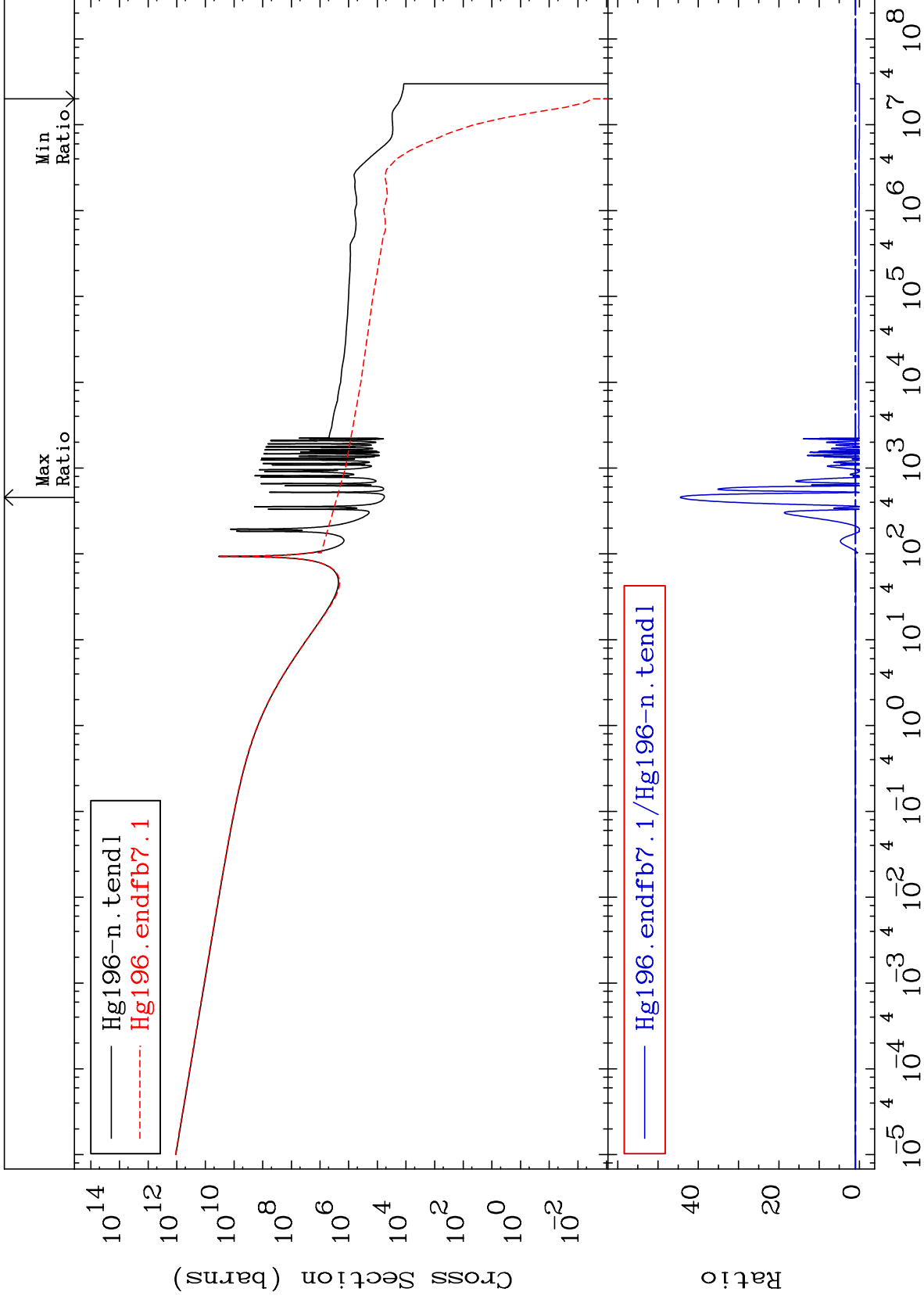
80-Hg-196
-100.0 To 82.76 %



MAT 8025

Kerma capture (mt102)
Cross Section

80-Hg-196
-100.0 To 4345. %



43

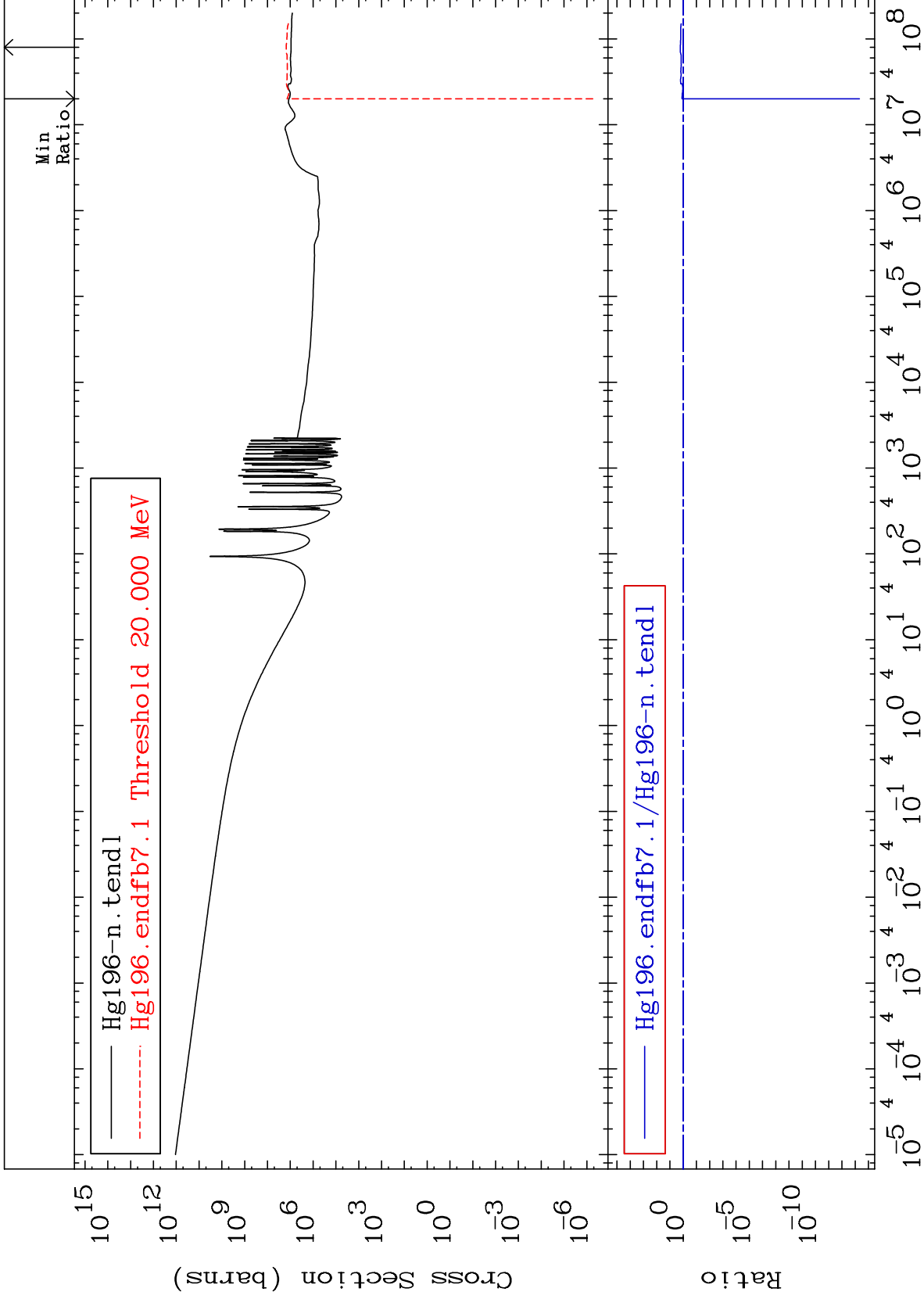
Incident Energy (eV)

80-Hg-196

MAT 8025

Total photon (eV-barns)
Cross Section

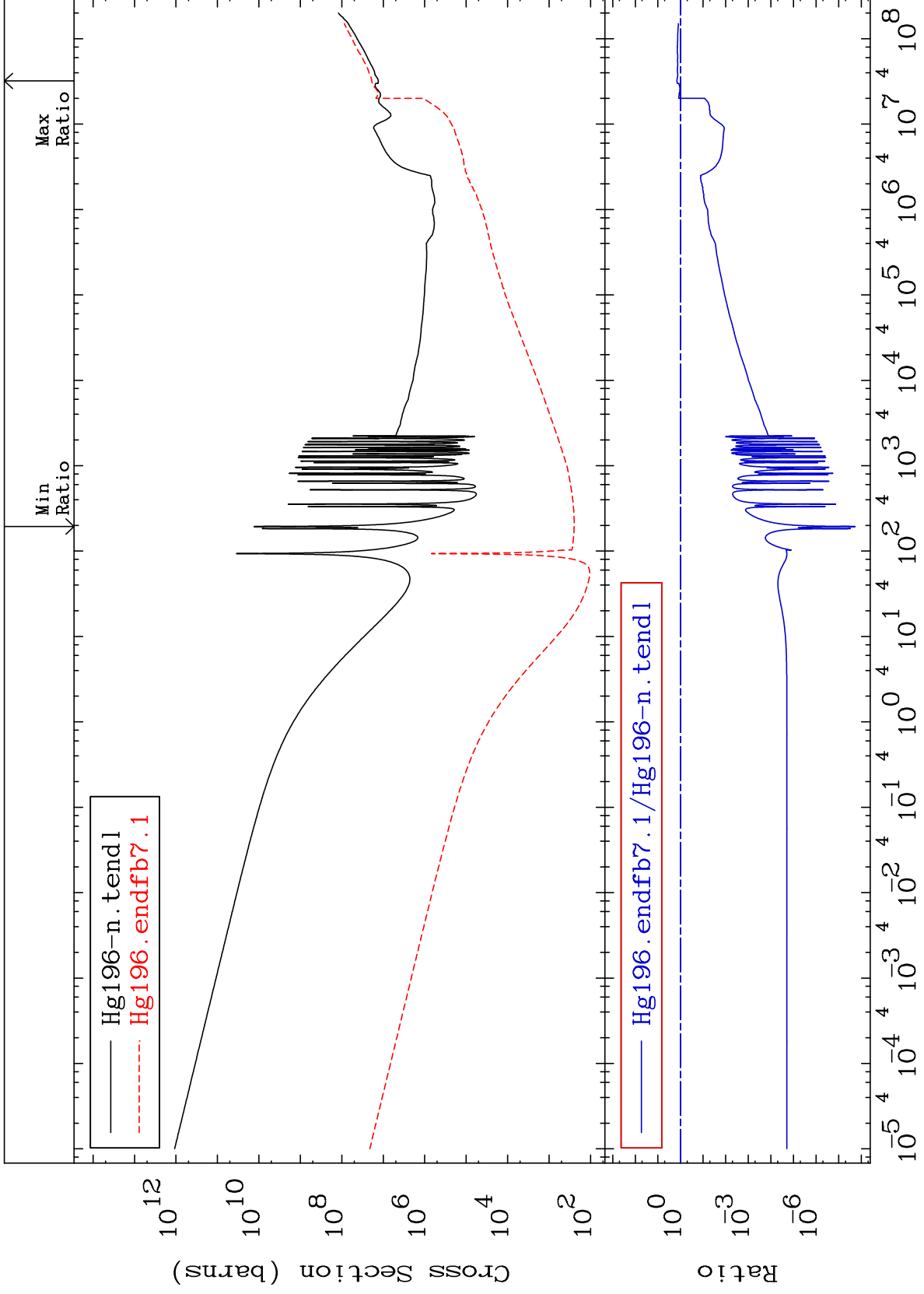
80-Hg-196
-100.0 To 62.12 %



MAT 8025

Total kinematic kerma (high limit)
Cross Section

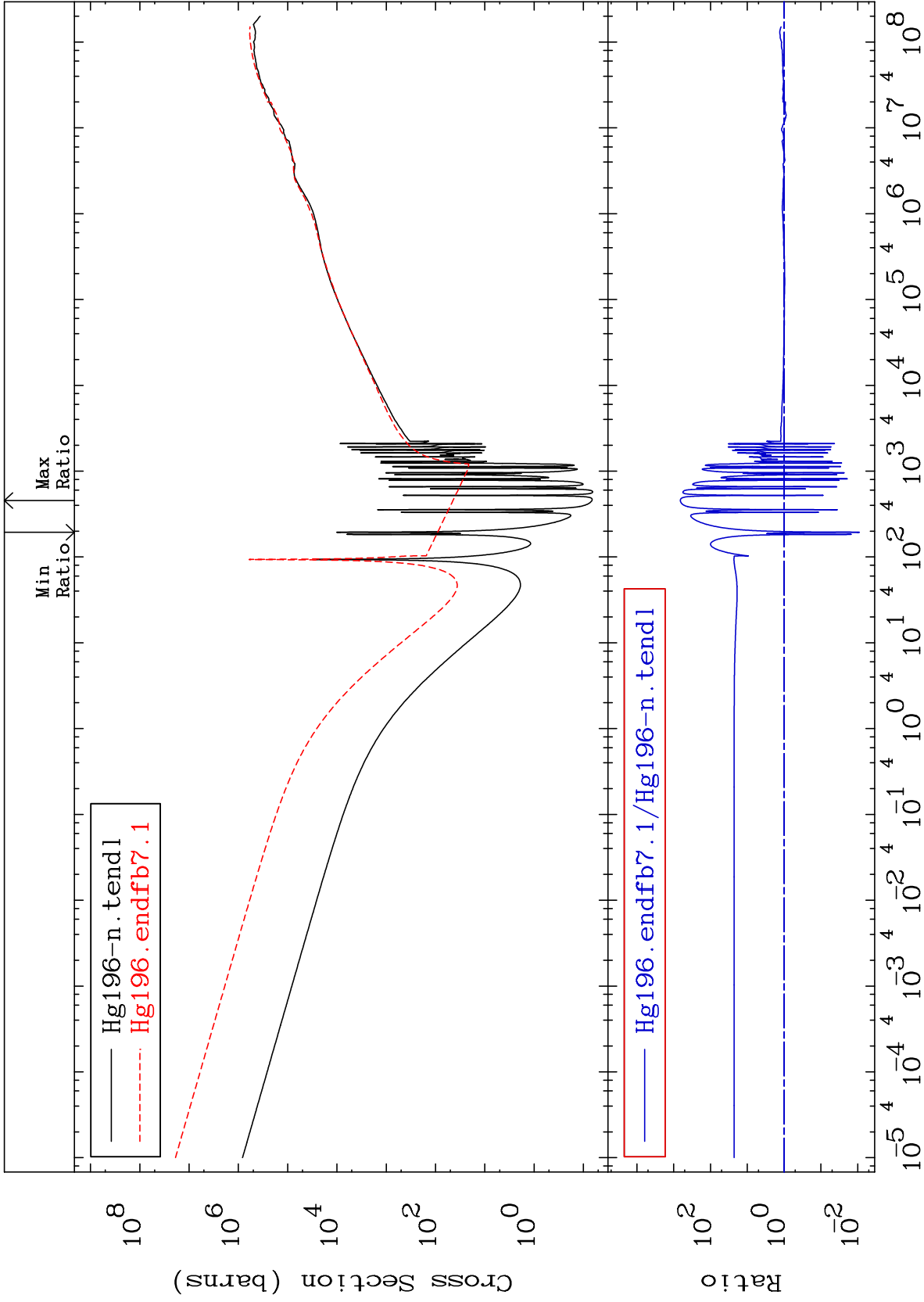
80-Hg-196
-100.0 To 43.78 %

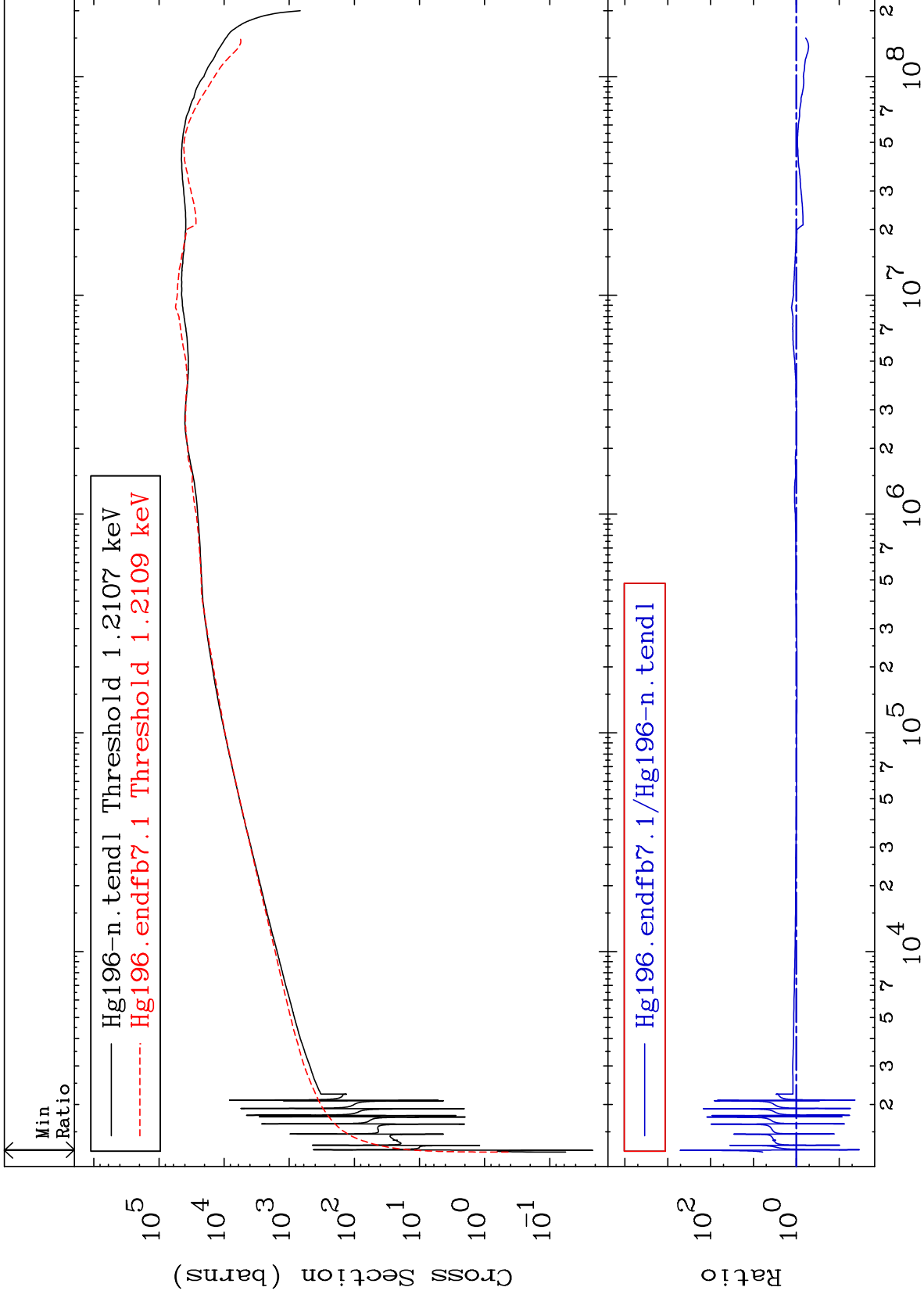


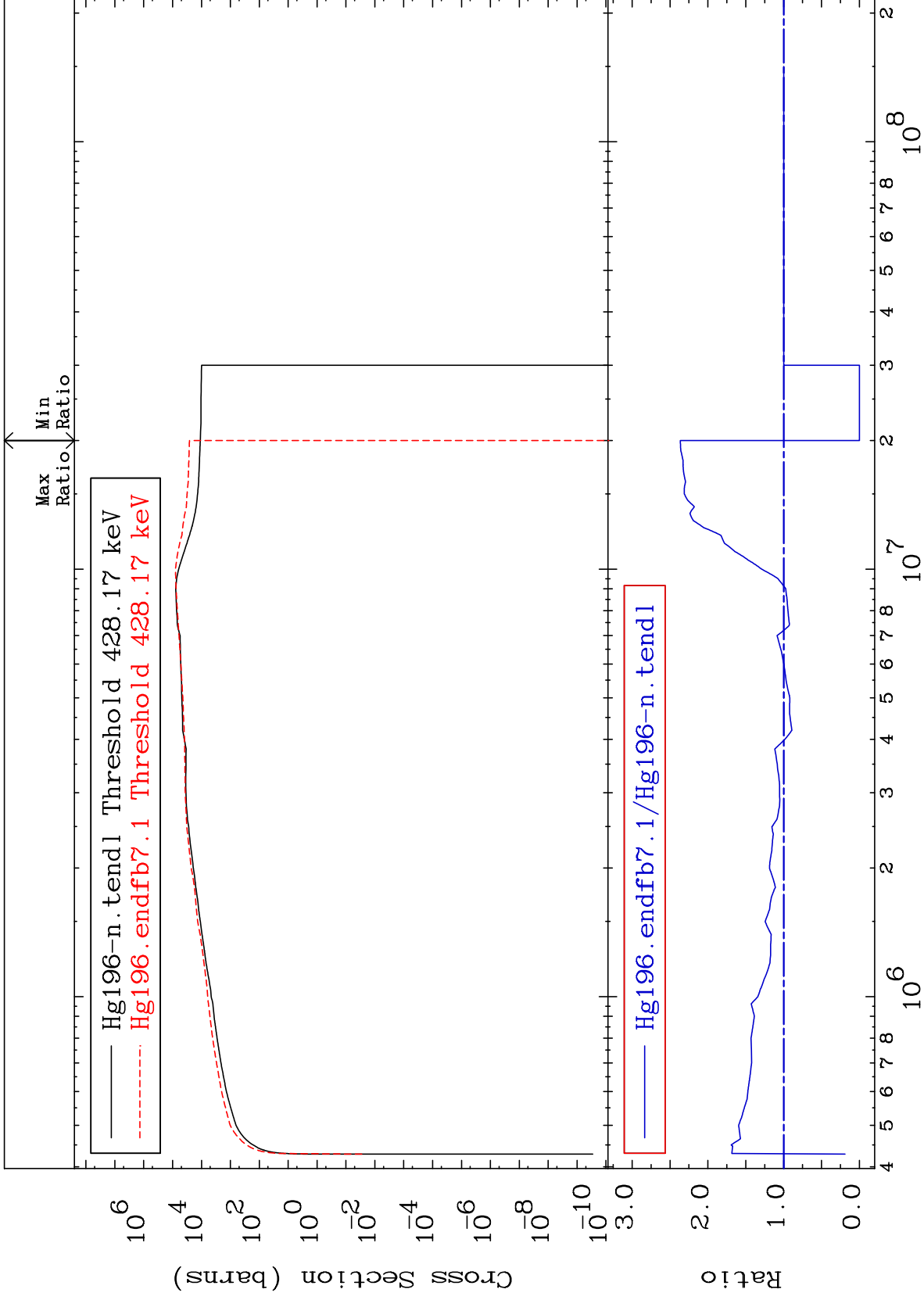
45

Incident Energy (eV)

80-Hg-196







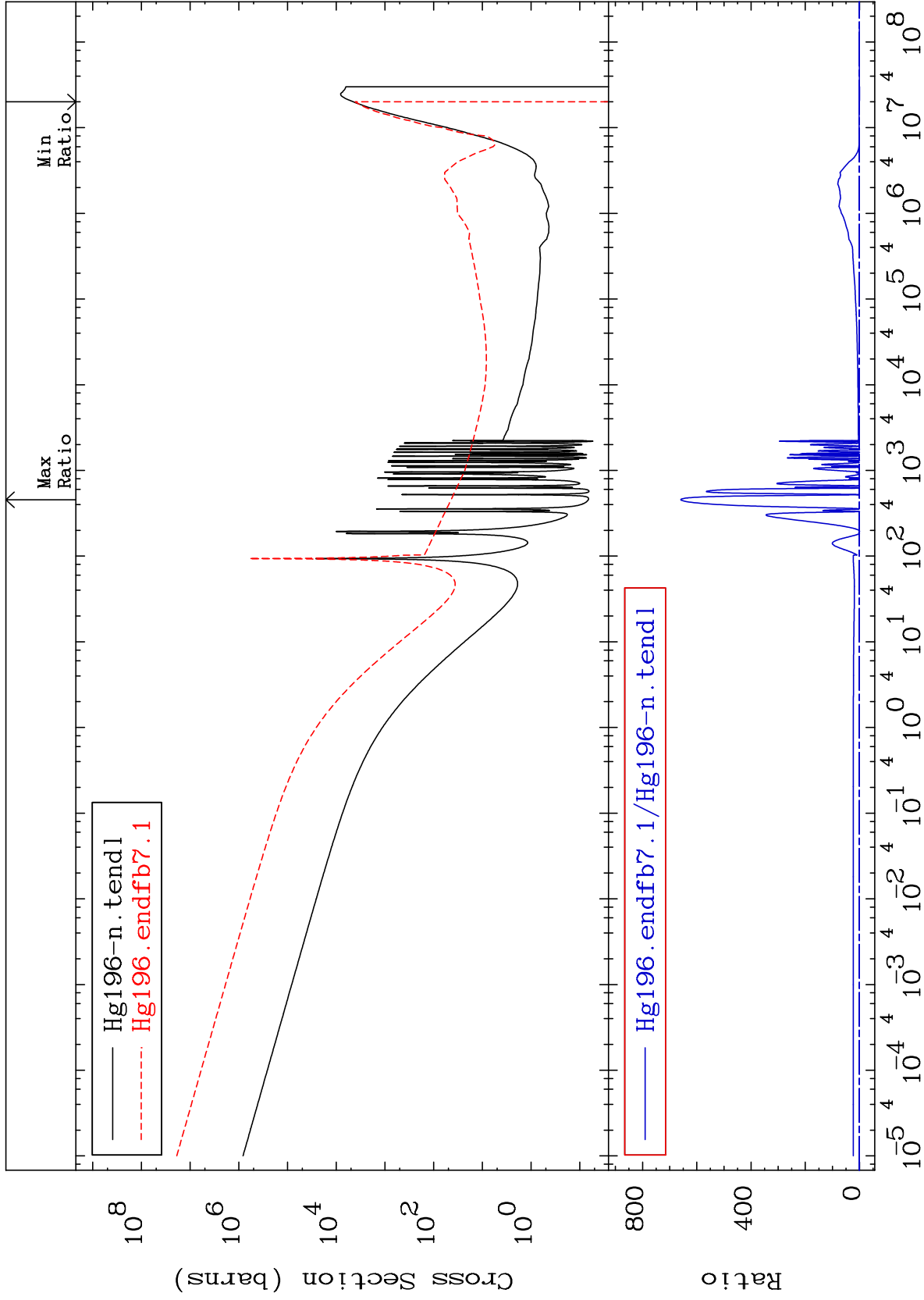
MAT 8025

Dpa disappearance (mt102 -120)

80-Hg-196

-100.0 To 9999. %

Cross Section



49

Incident Energy (eV)

80-Hg-196