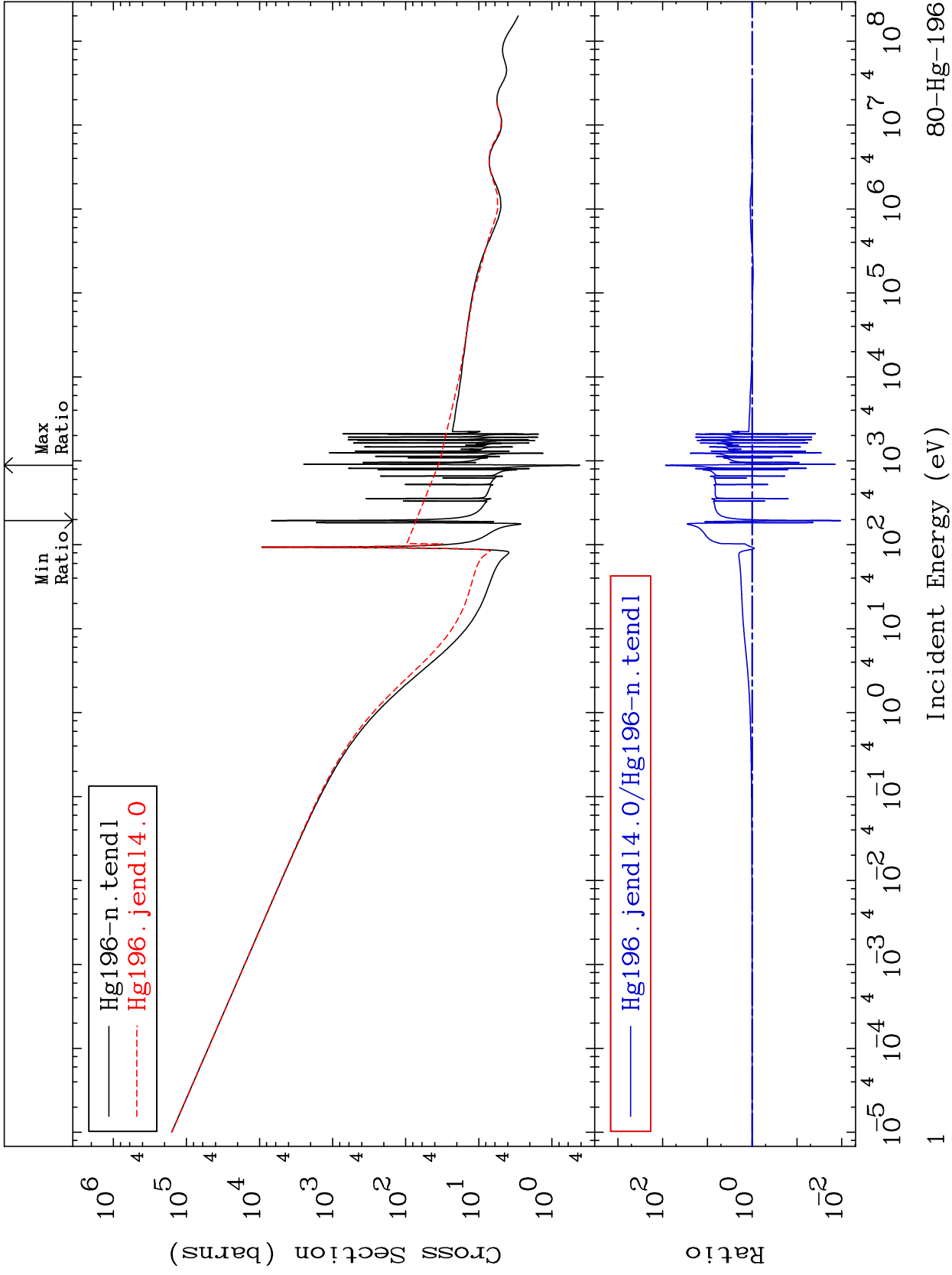


MAT 8025

Total Cross Section
80-Hg-196
-98.94 To 8547. %

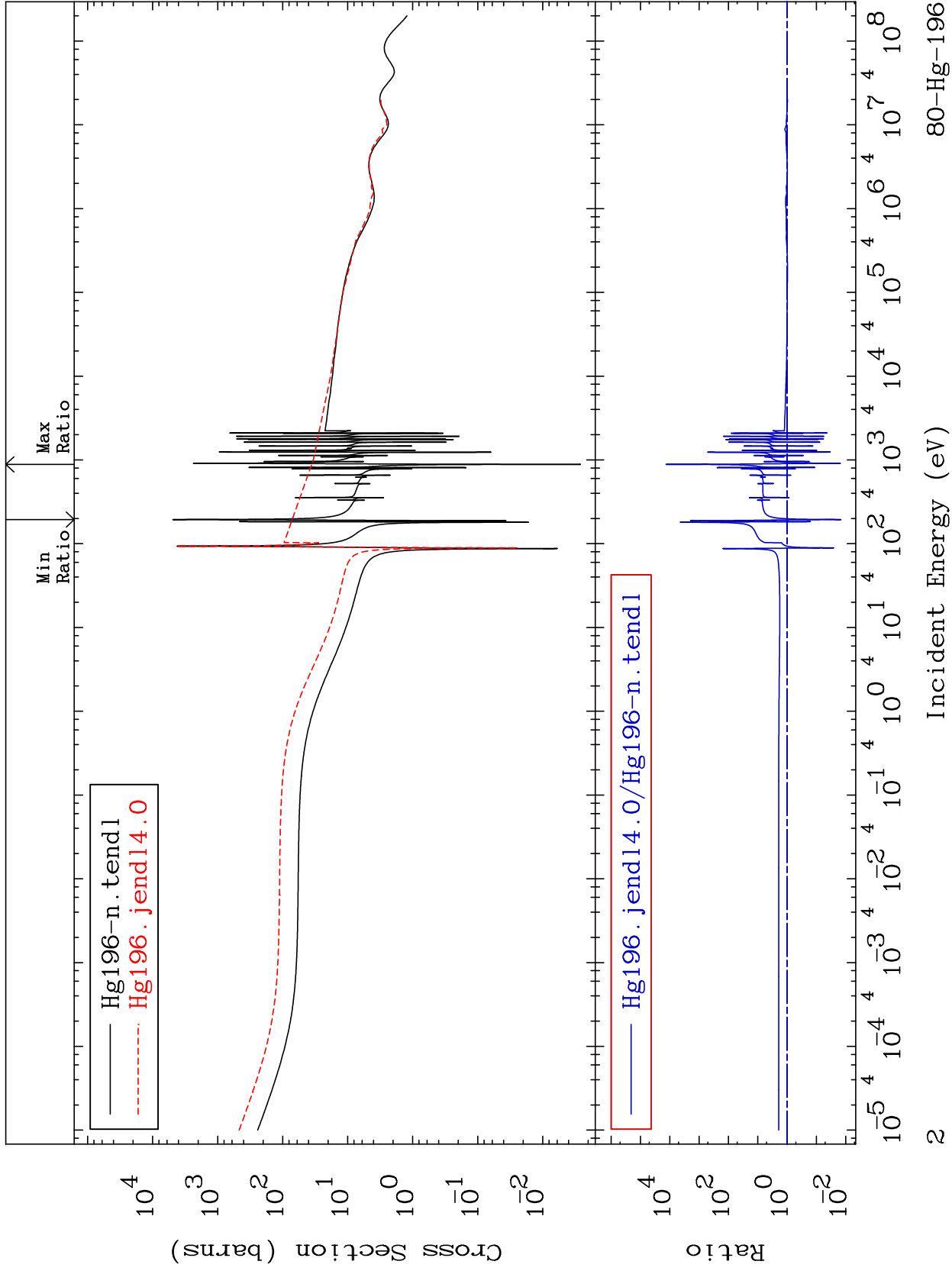


80-Hg-196

MAT 8025

Elastic
Cross Section

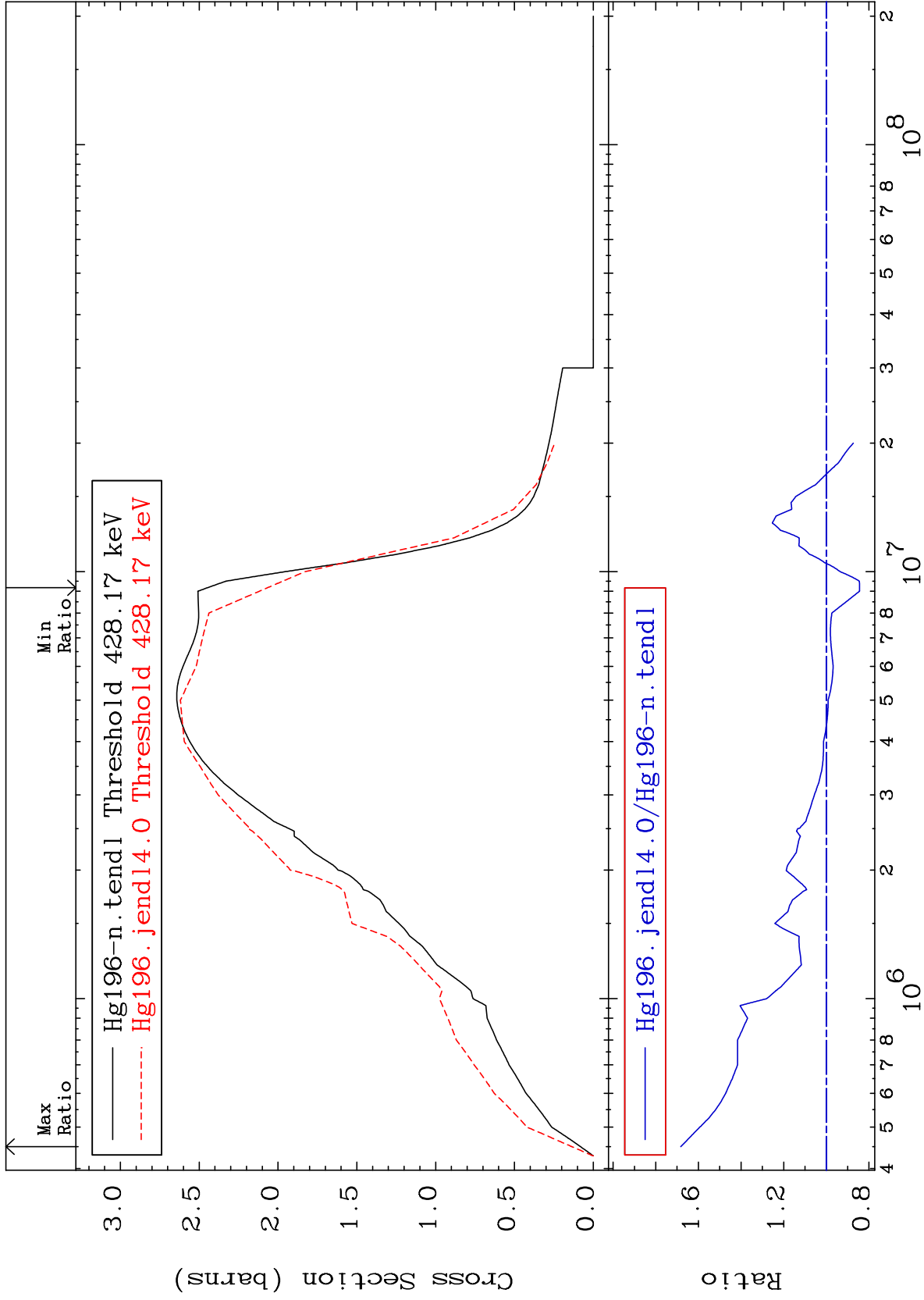
80-Hg-196
-98.54 To 9999. %



MAT 8025

Inelastic
Cross Section

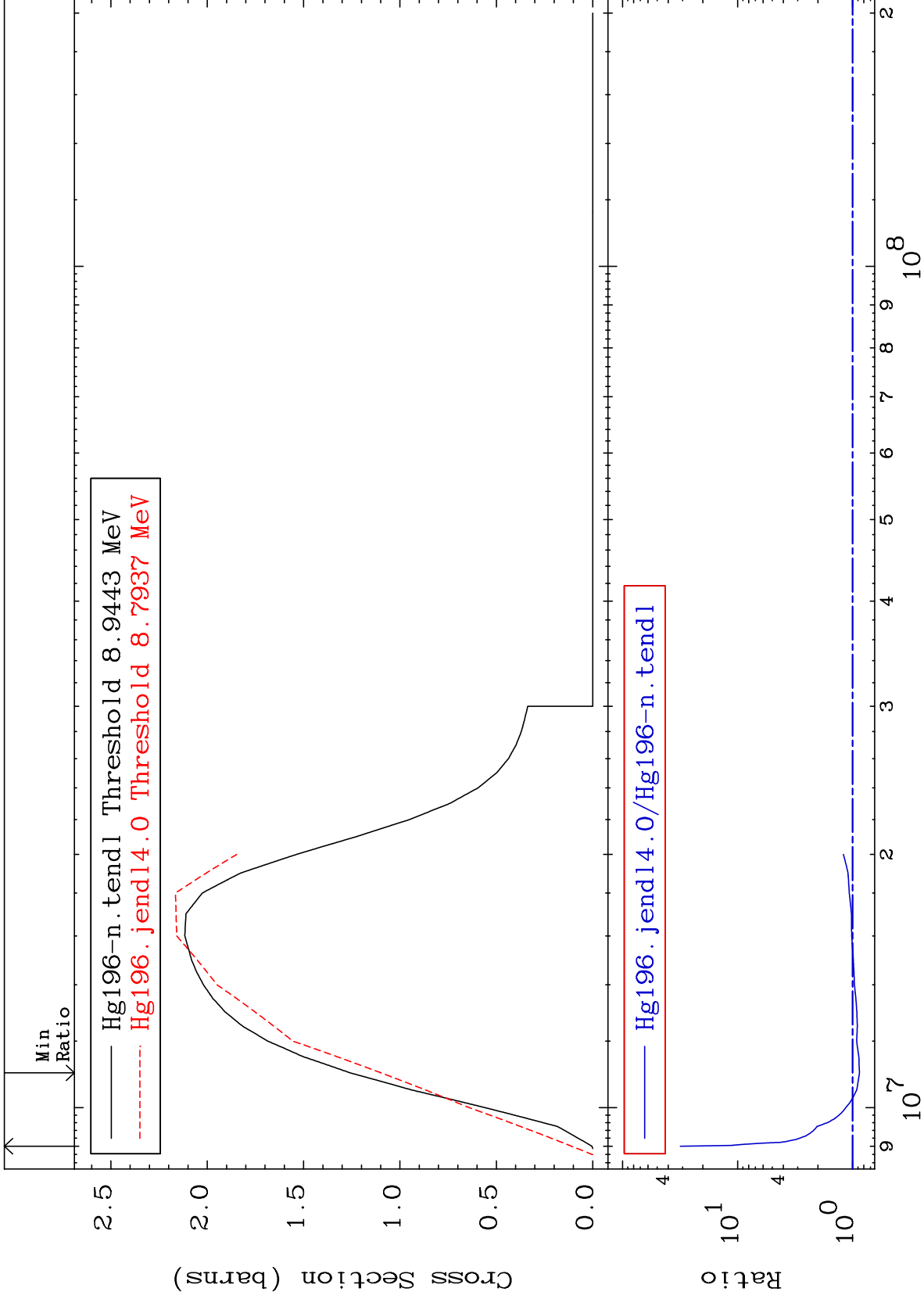
80-Hg-196
-15.57 To 68.27 %



MAT 8025

(n,2n)
Cross Section

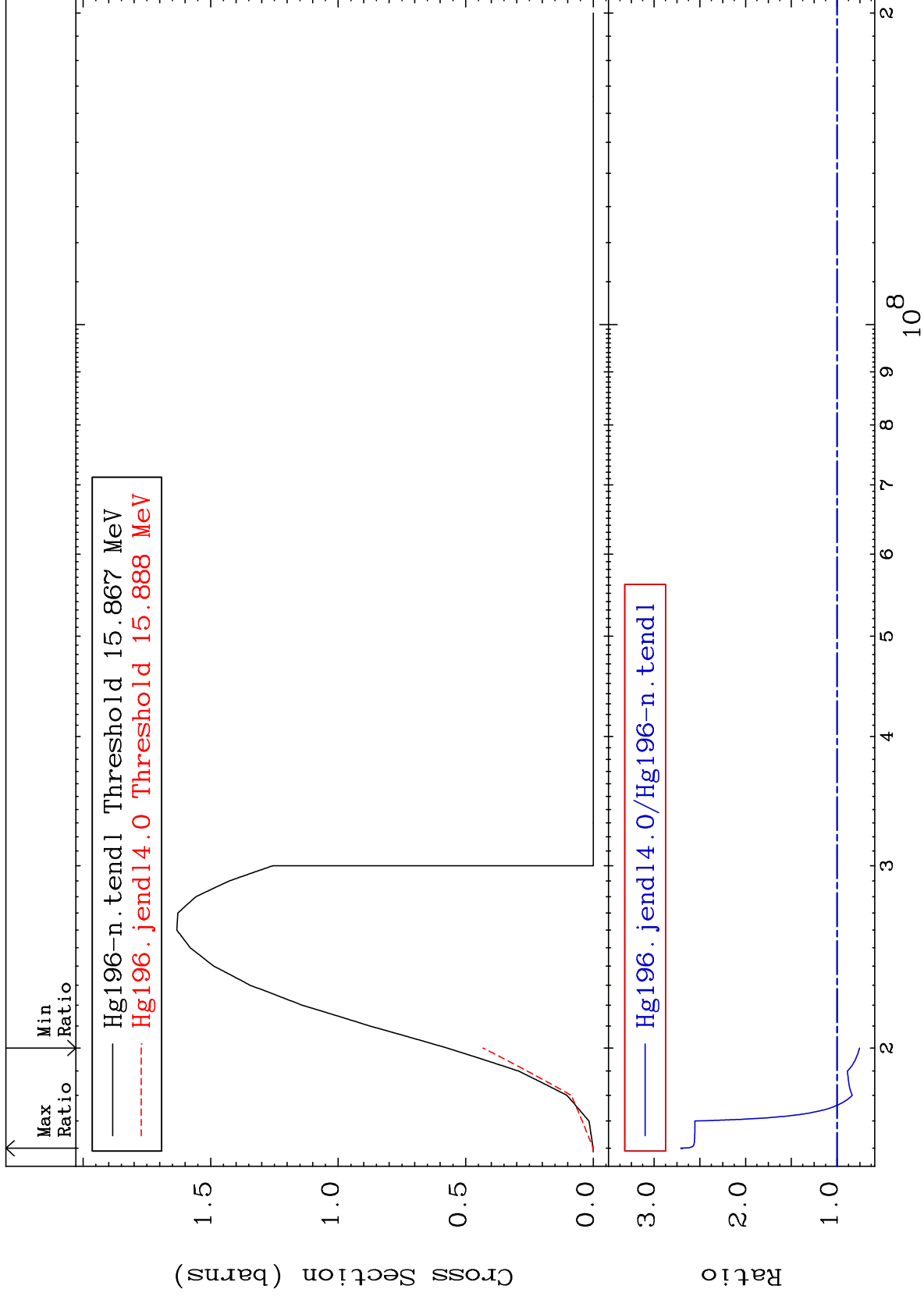
80-Hg-196
-12.71 To 3041. %



4

Incident Energy (eV)

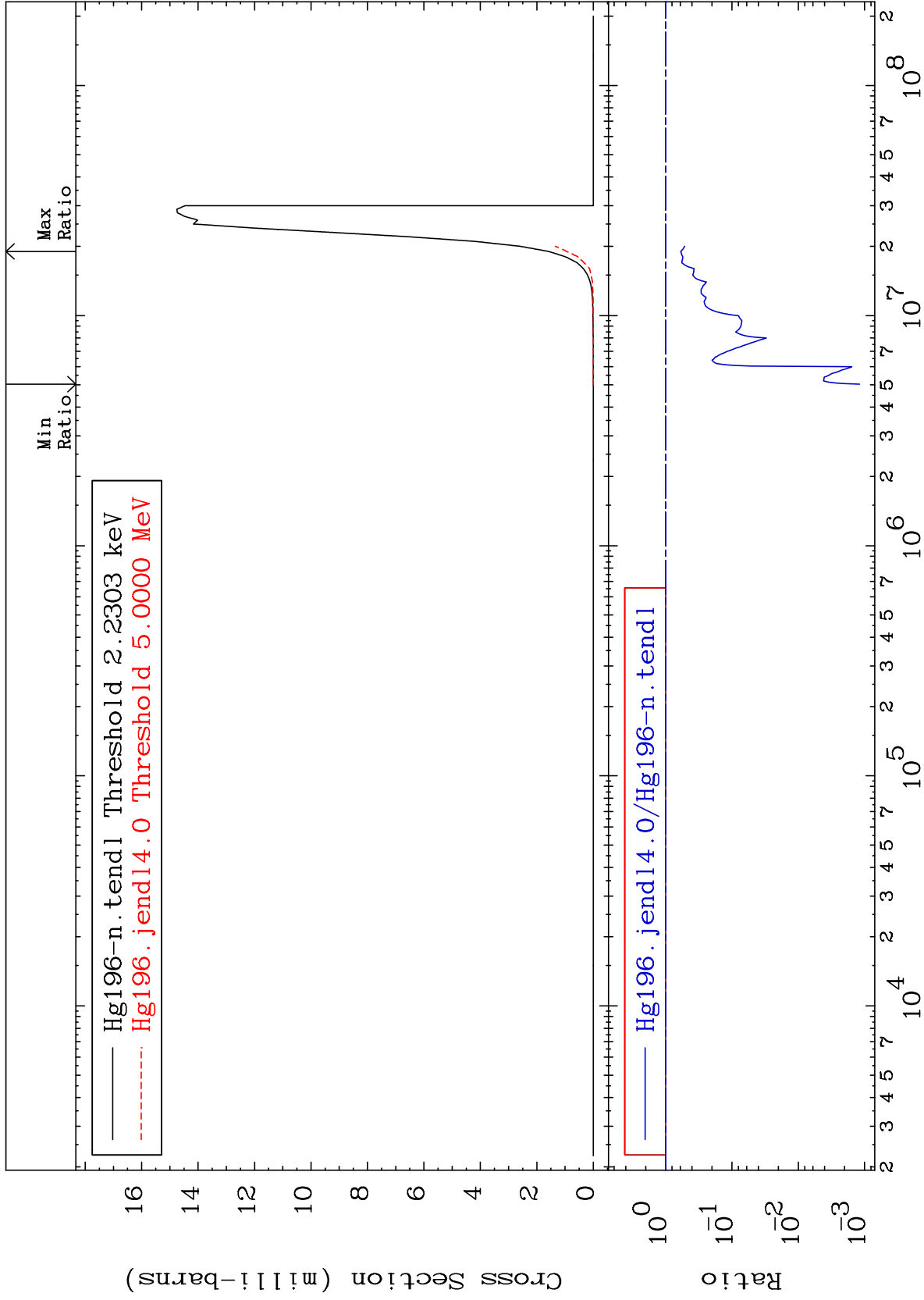
80-Hg-196



MAT 8025

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

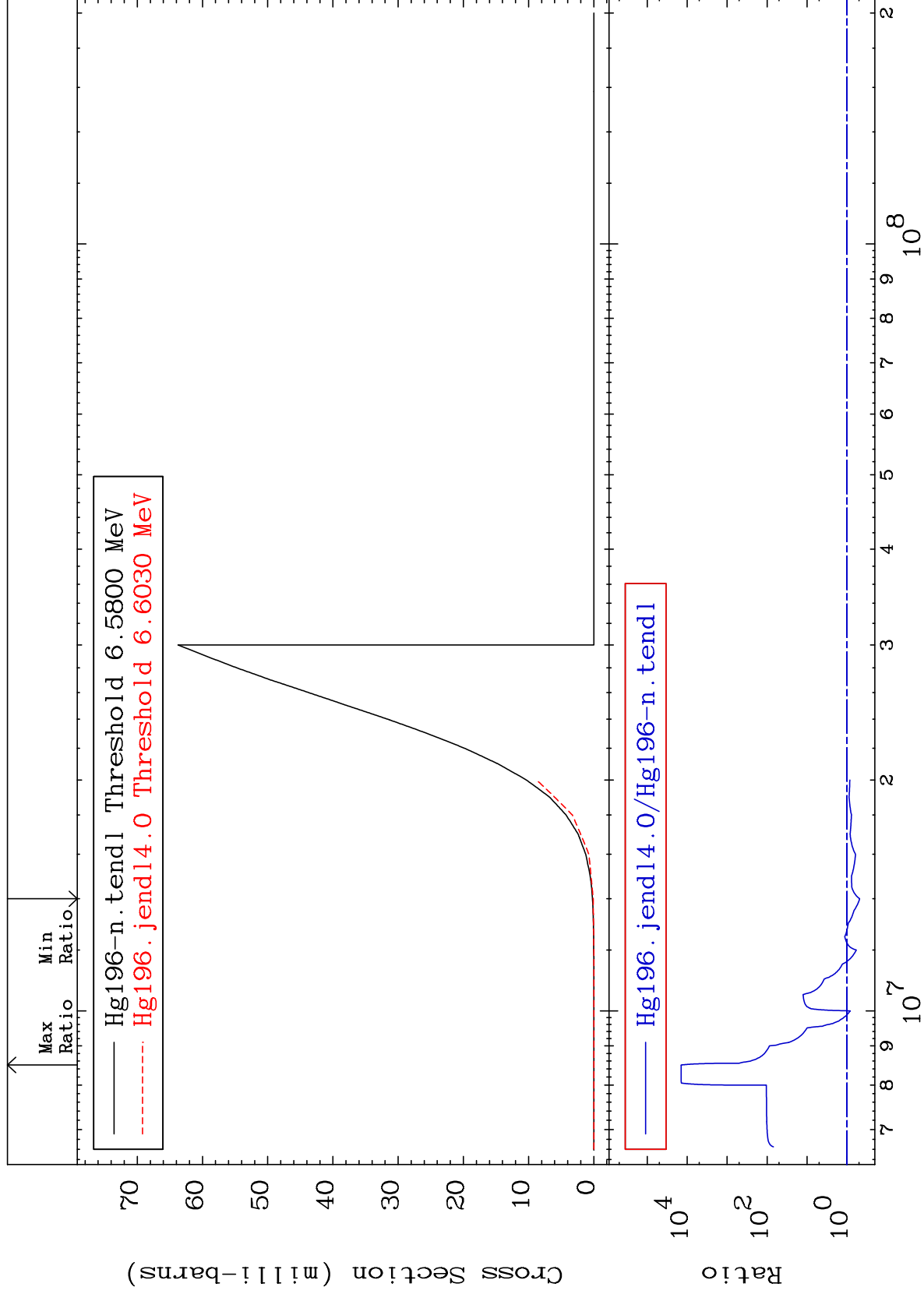
80-Hg-196
-99.88 To -40.89%



MAT 8025

(n, n') p
Cross Section

80-Hg-196
-51.80 To 9999. %



7

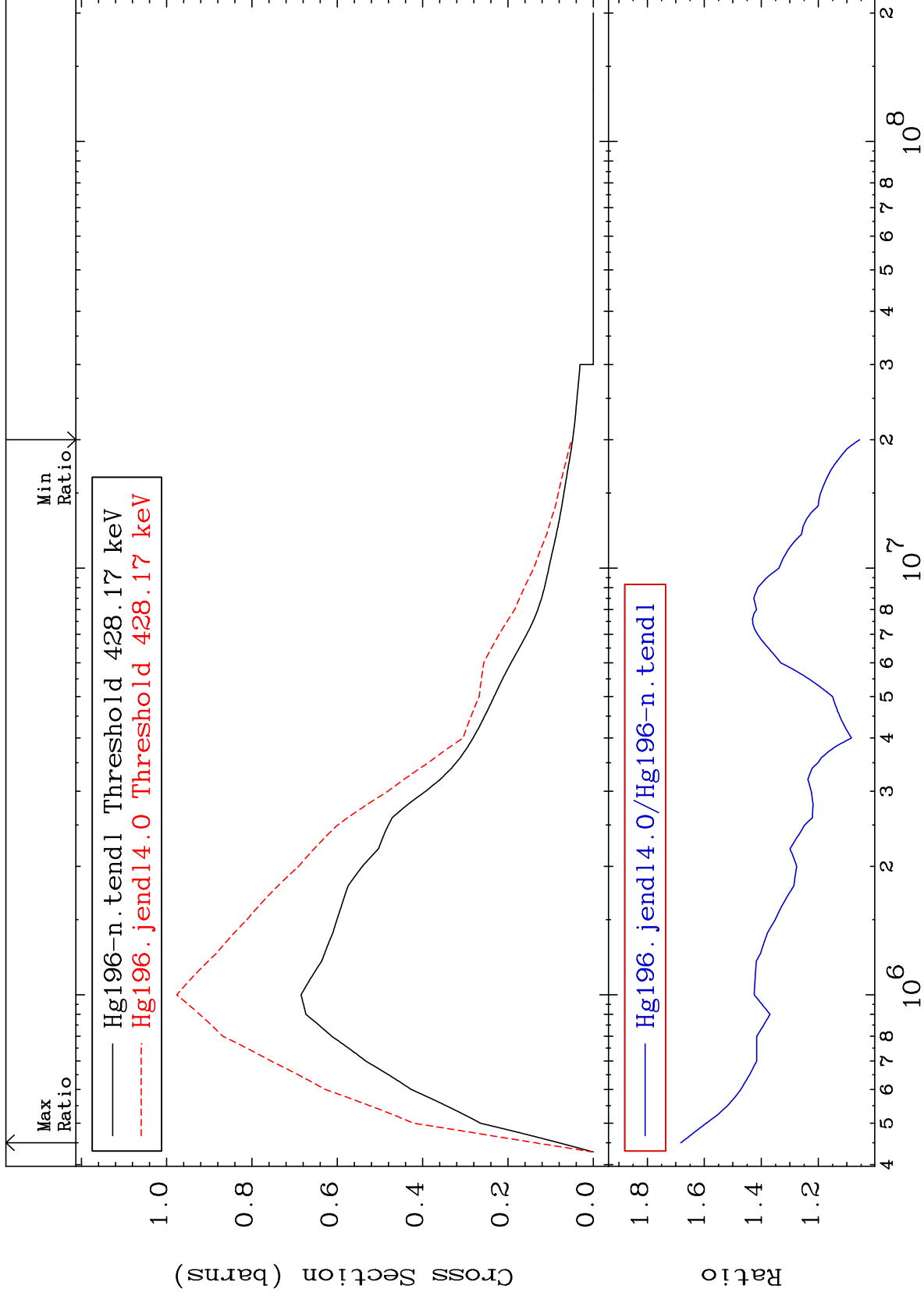
Incident Energy (eV)

80-Hg-196

MAT 8025

426.0 keV (n,n') Level
Cross Section

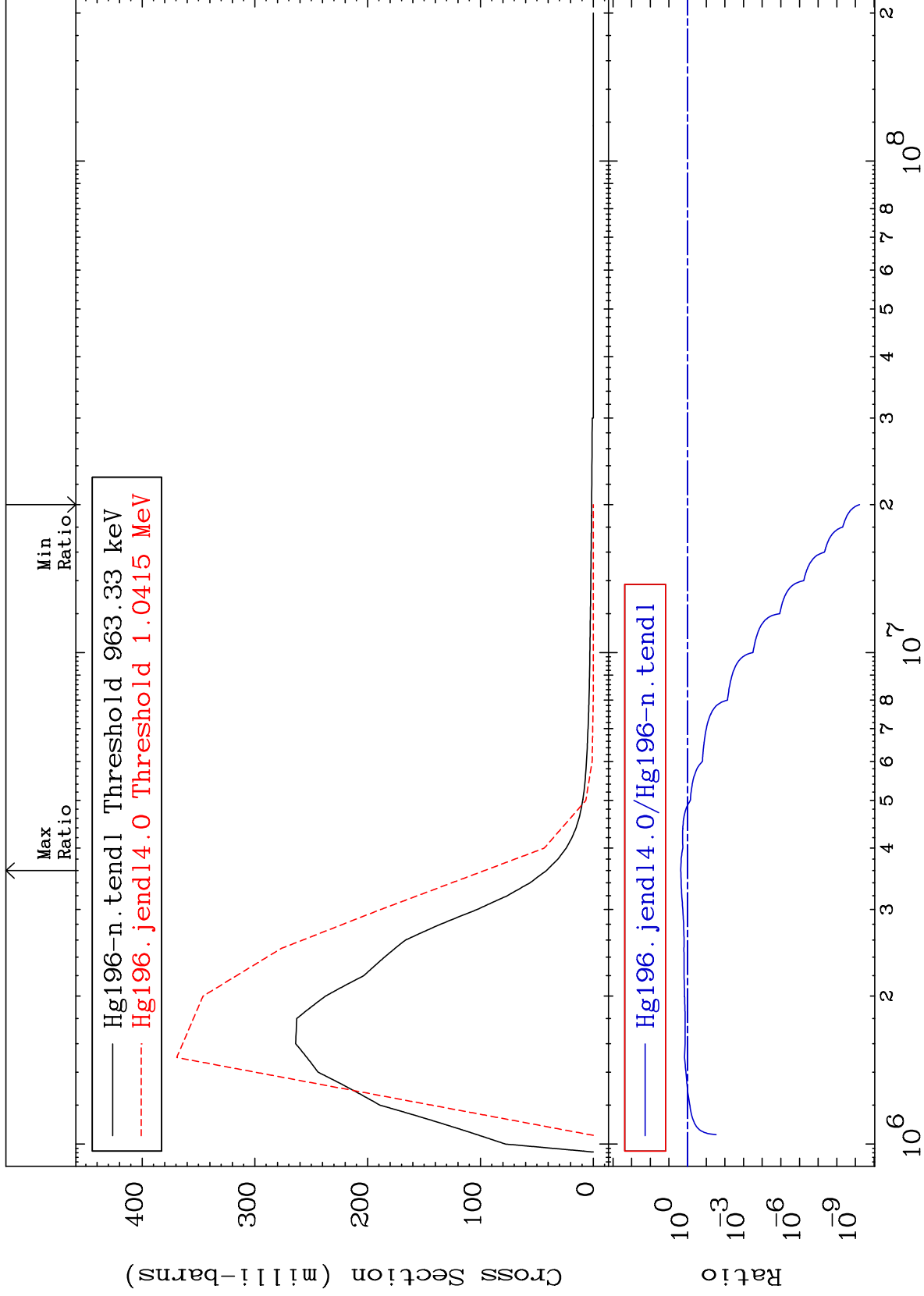
80-Hg-196
5.558 To 68.27 %



MAT 8025

958.4 keV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 132.5 %



9

80-Hg-196

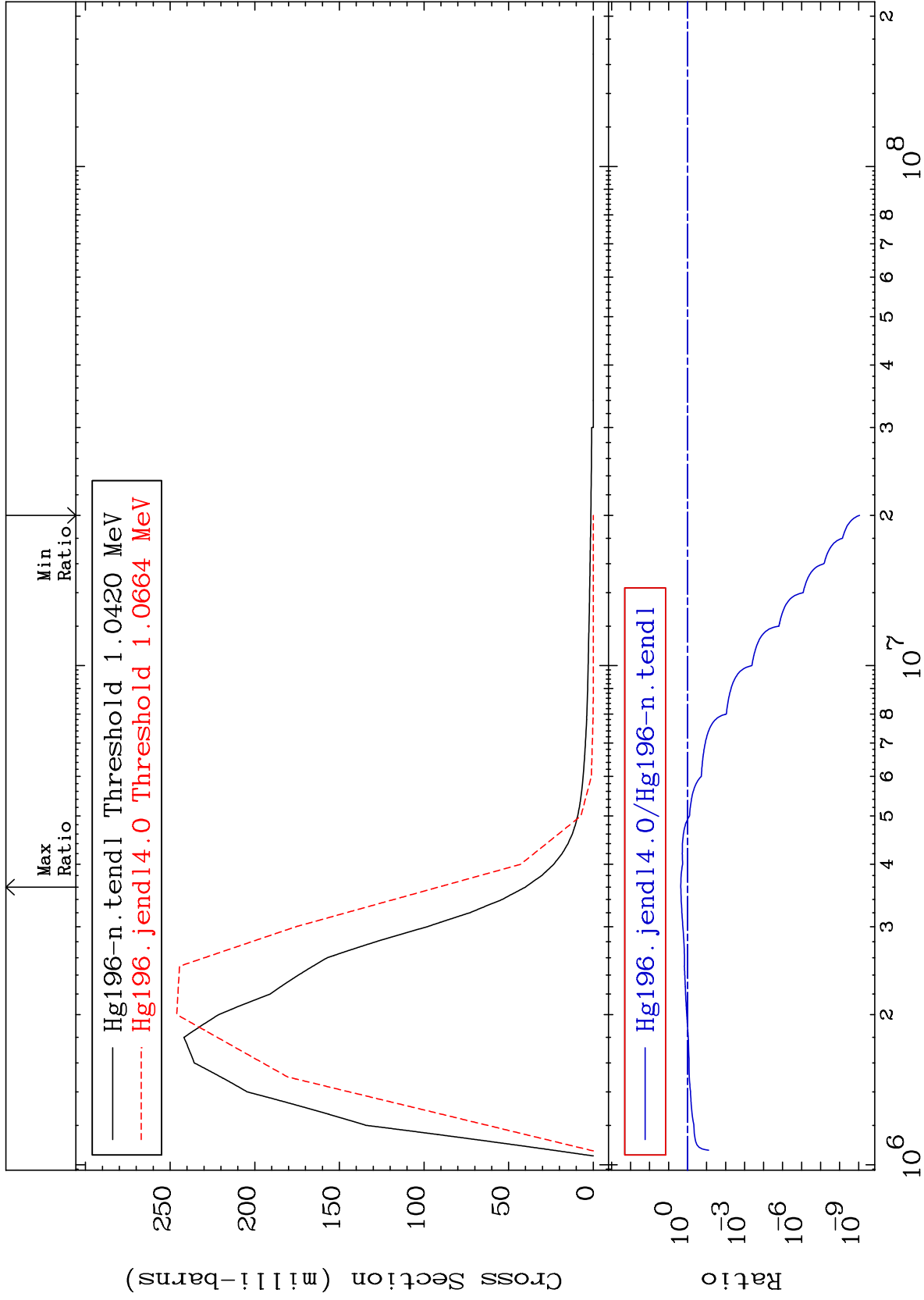
MAT 8025

1.037 MeV (n,n') Level

80-Hg-196

-100.0 To 128.1 %

Cross Section



Incident Energy (eV)

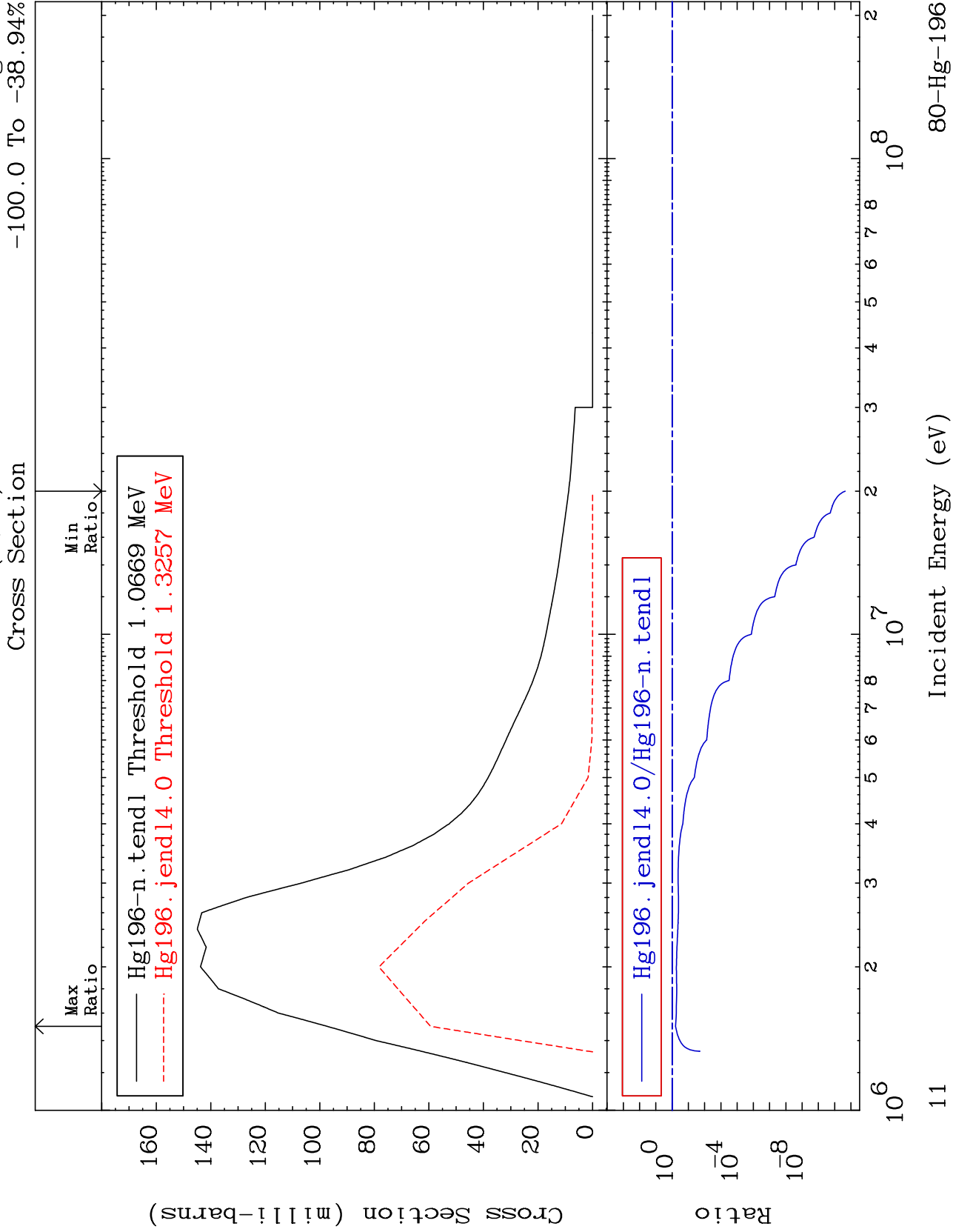
80-Hg-196

MAT 8025

1.061 MeV (n,n') Level

80-Hg-196

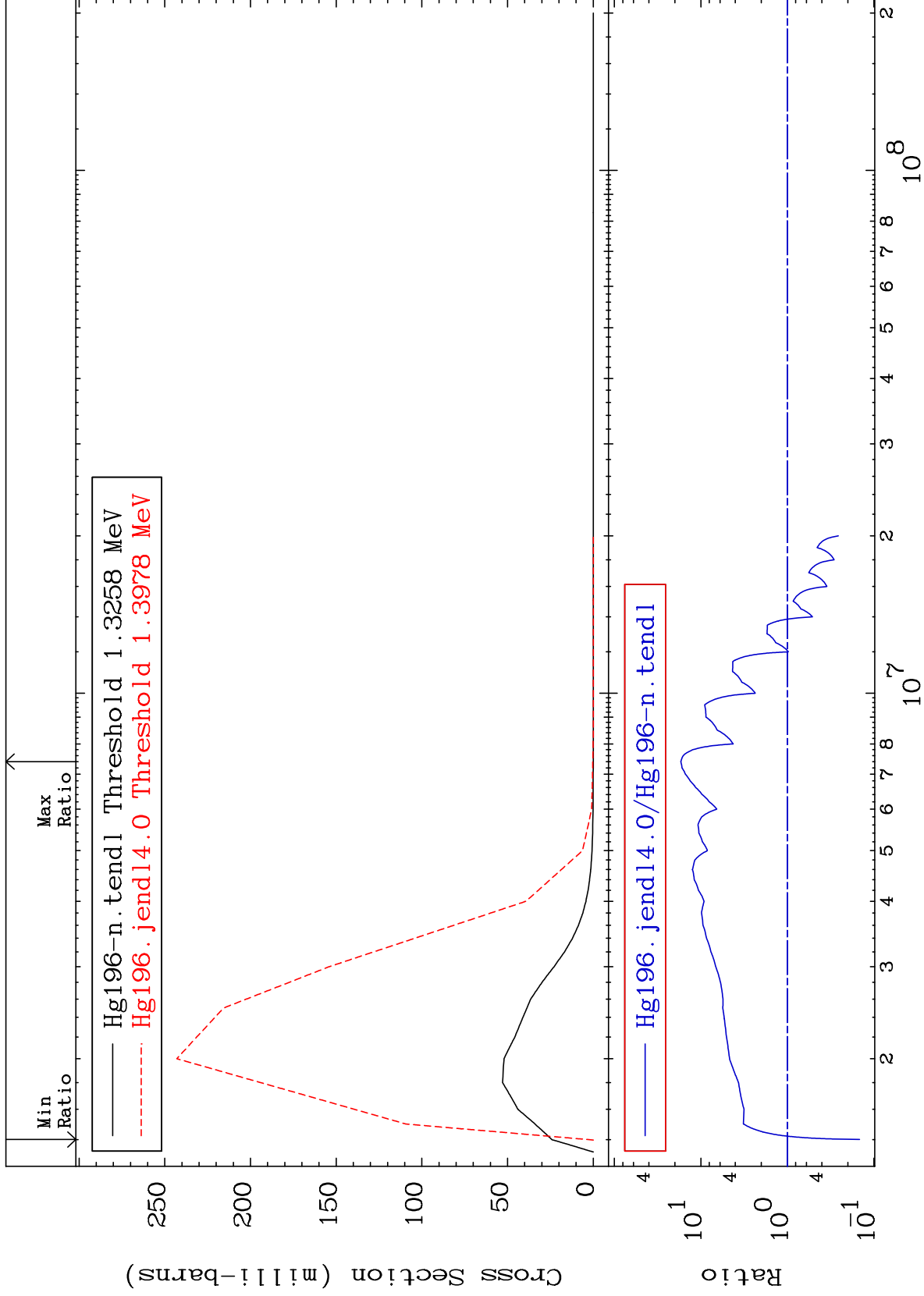
-100.0 To -38.94%



MAT 8025

1.319 MeV (n,n') Level
Cross Section

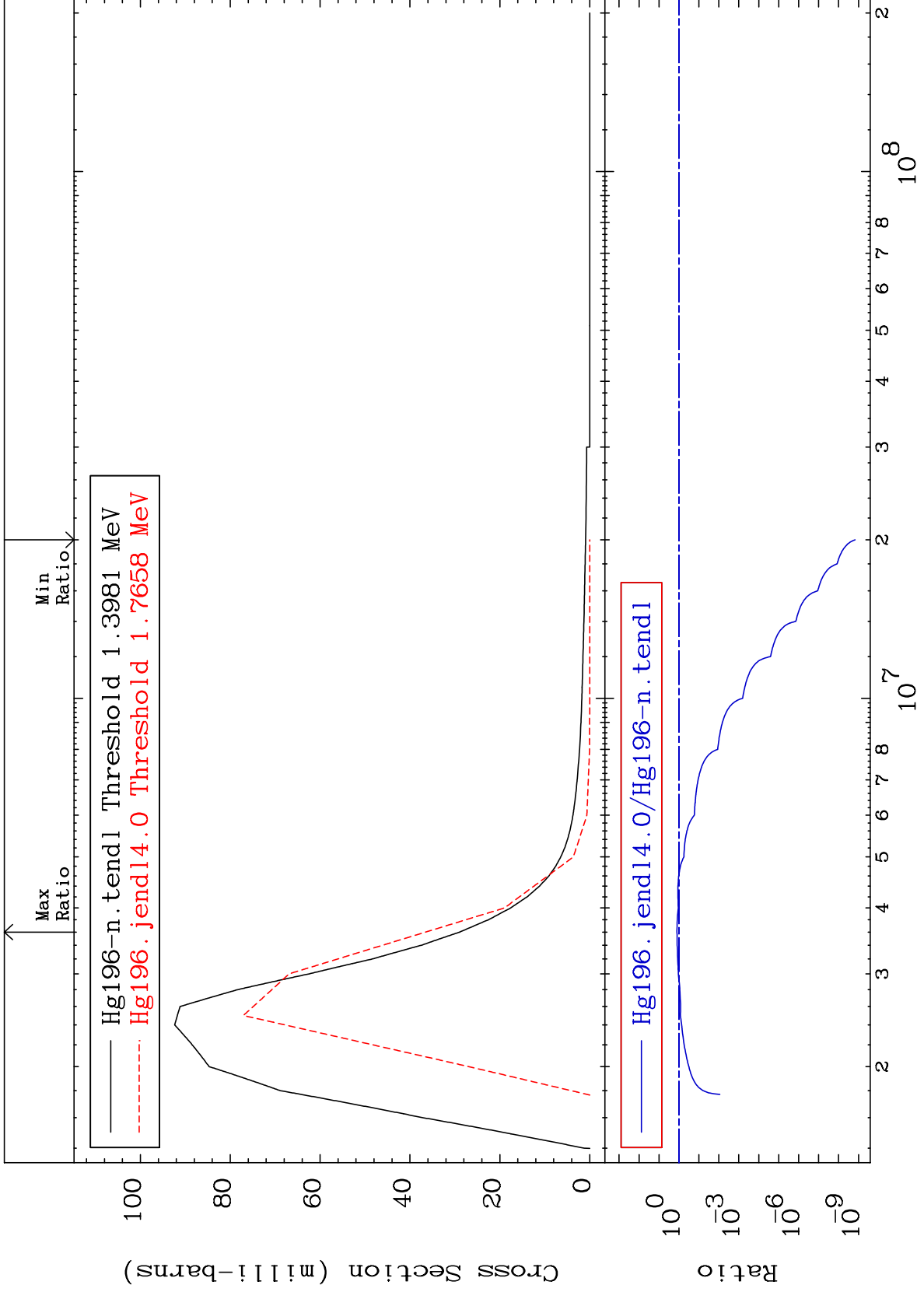
80-Hg-196
-85.37 To 1607. %



MAT 8025

1.391 MeV (n,n') Level
Cross Section

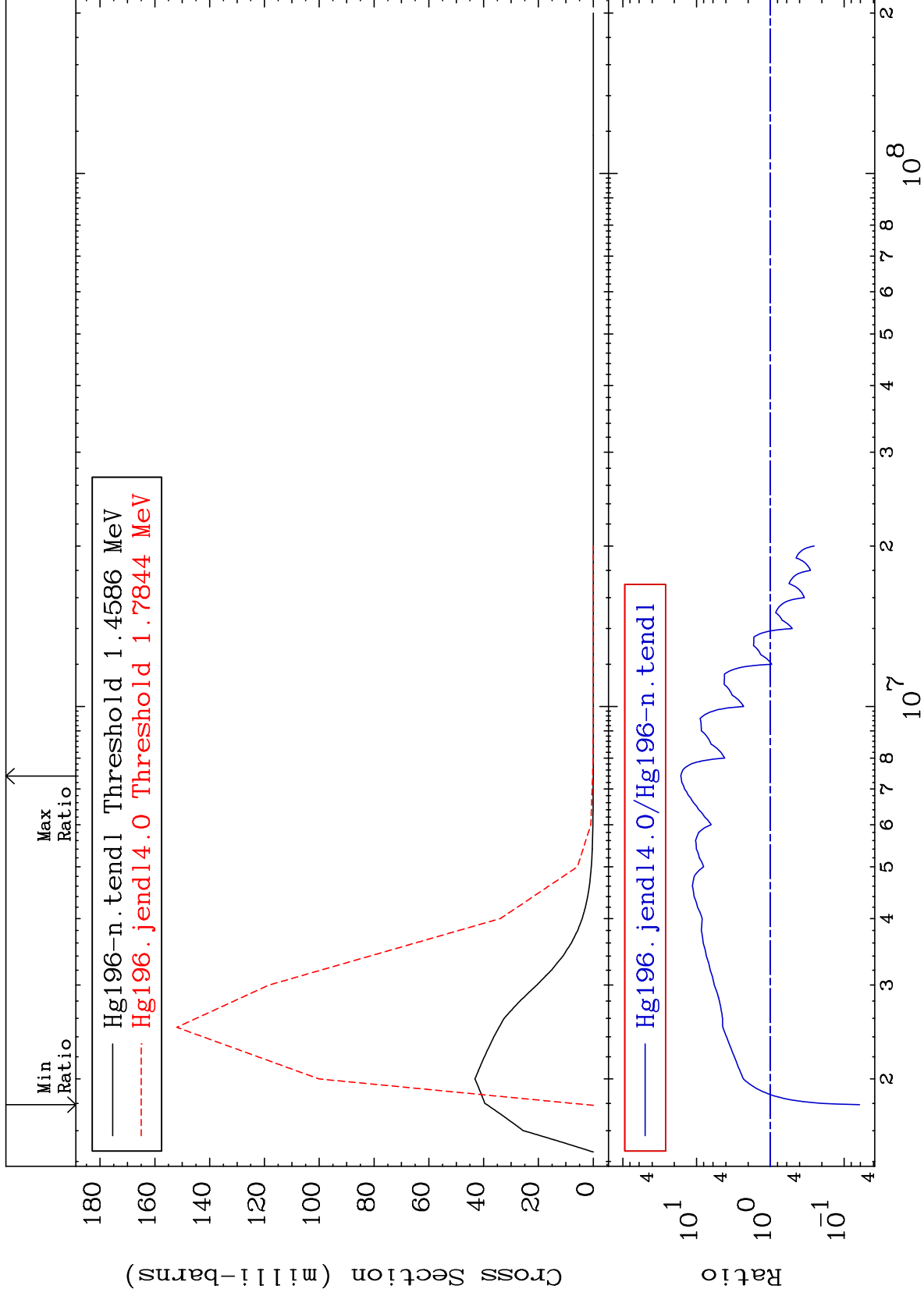
80-Hg-196
-100.0 To 26.20 %



MAT 8025

1.451 MeV (n,n') Level
Cross Section

80-Hg-196
-93.83 To 1538. %



14

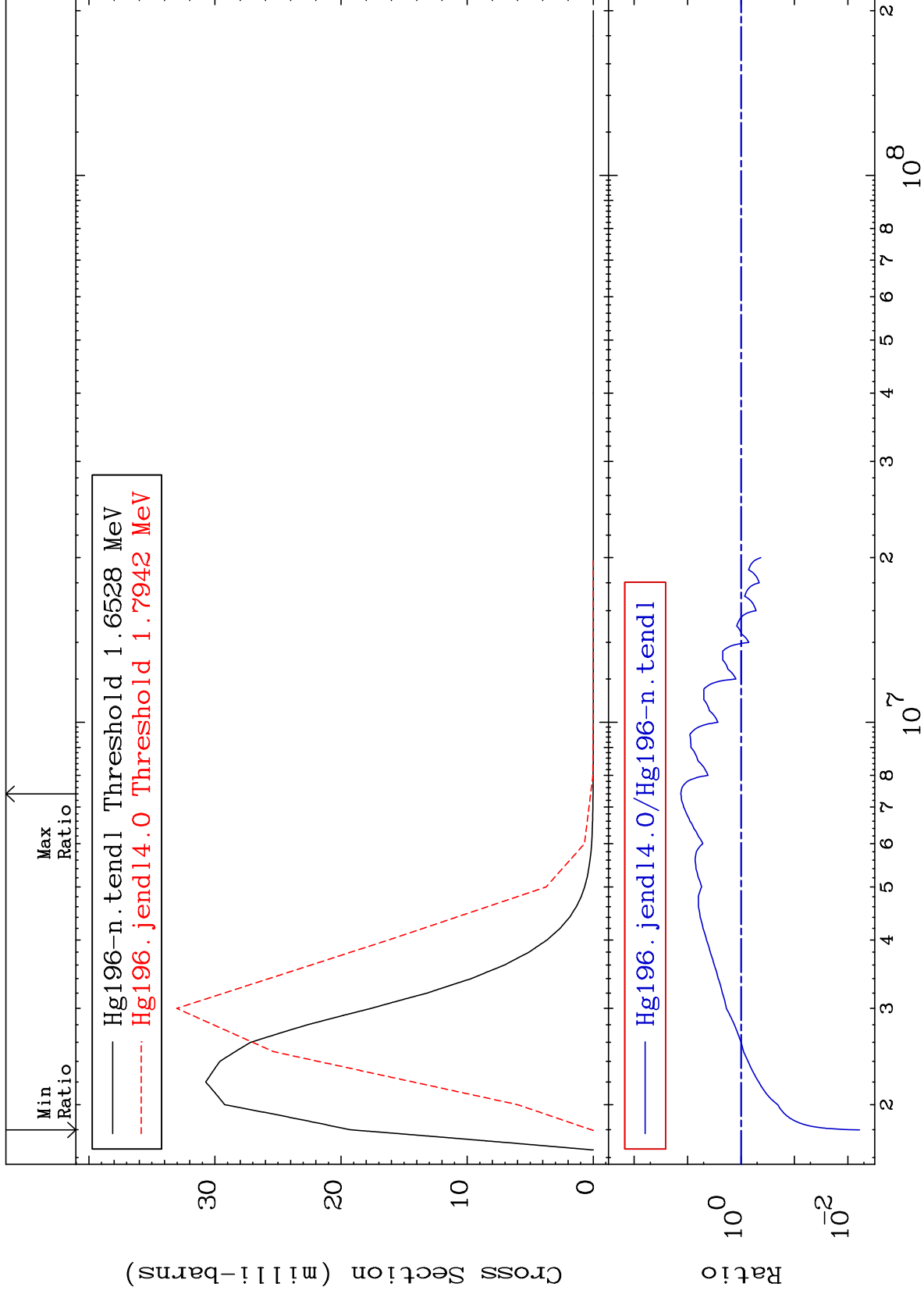
Incident Energy (eV)

80-Hg-196

MAT 8025

1.644 MeV (n,n') Level
Cross Section

80-Hg-196
-99.40 To 1241. %



15

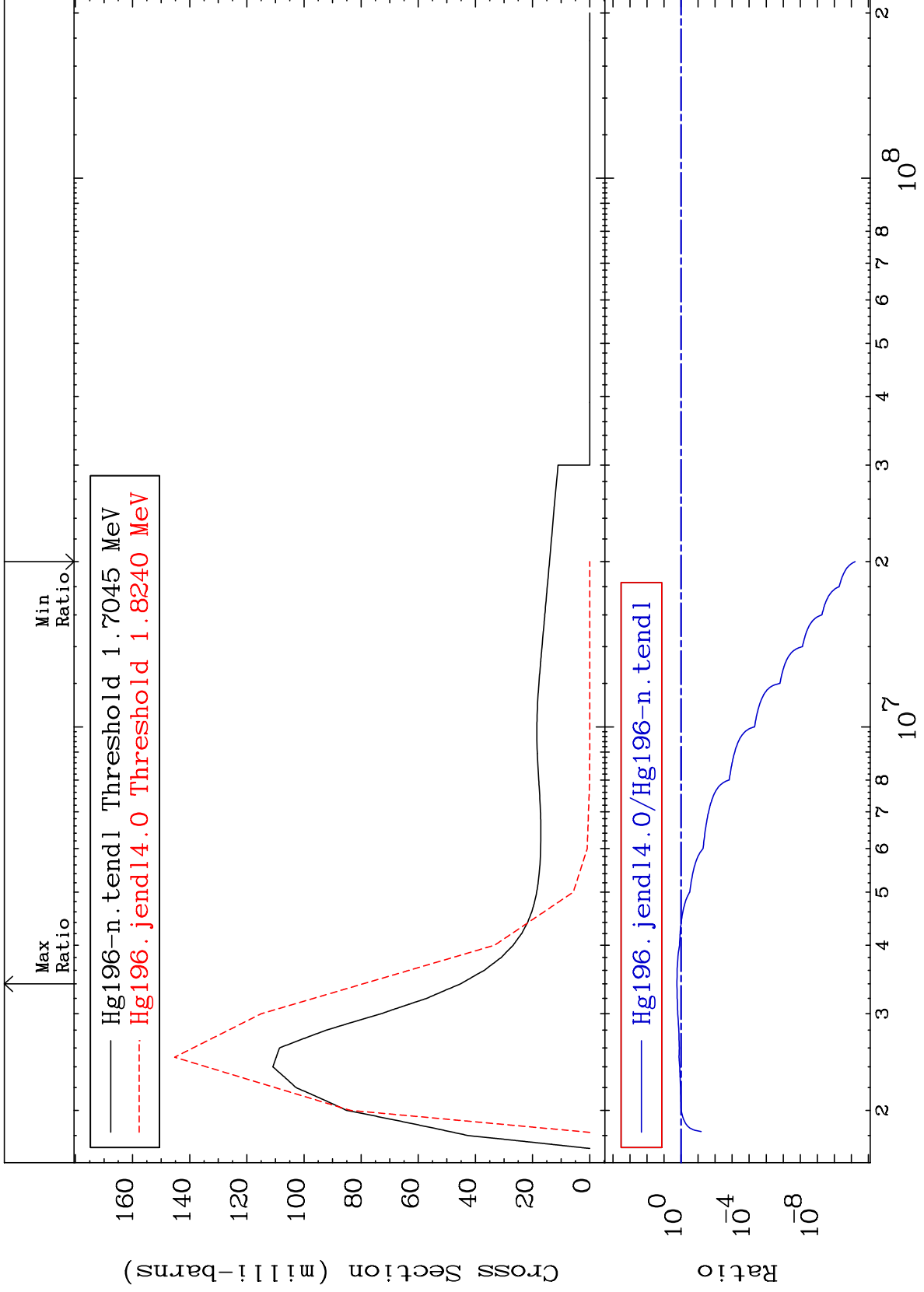
Incident Energy (eV)

80-Hg-196

MAT 8025

1.696 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 75.60 %



16

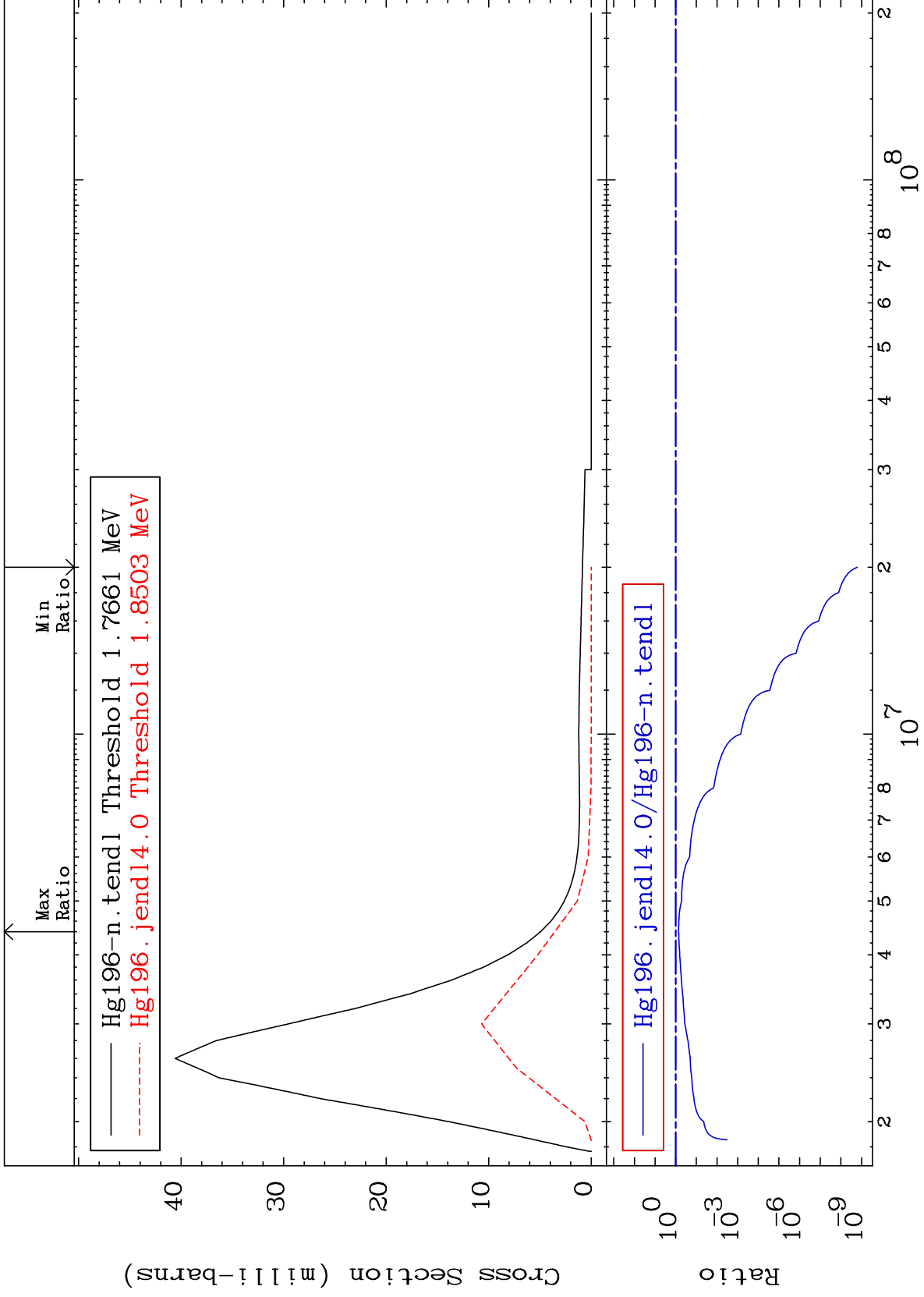
Incident Energy (eV)

80-Hg-196

MAT 8025

1.757 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To -27.92%

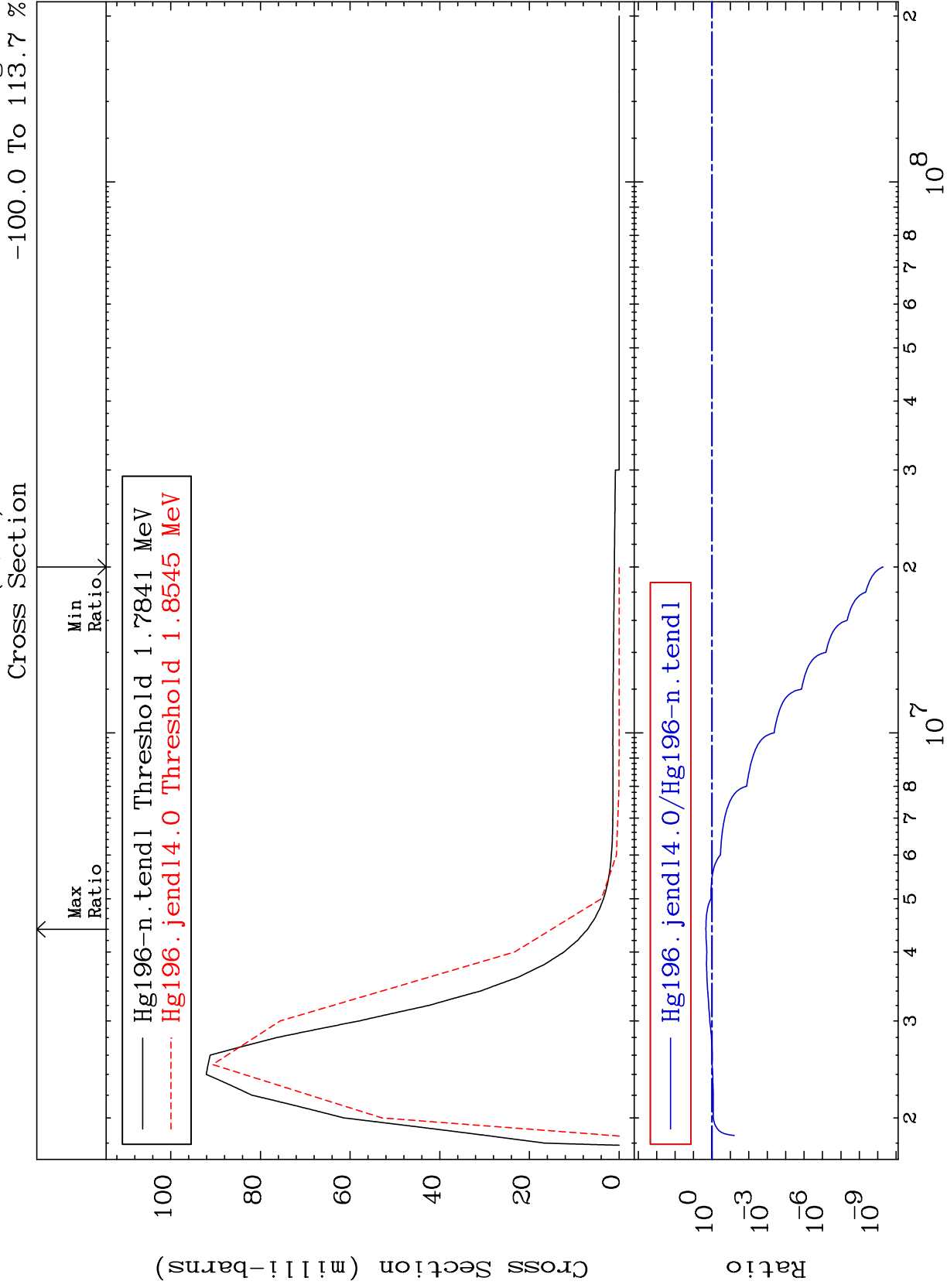


MAT 8025

1.775 MeV (n,n') Level

80-Hg-196

-100.0 To 113.7 %



18

Incident Energy (eV)

80-Hg-196

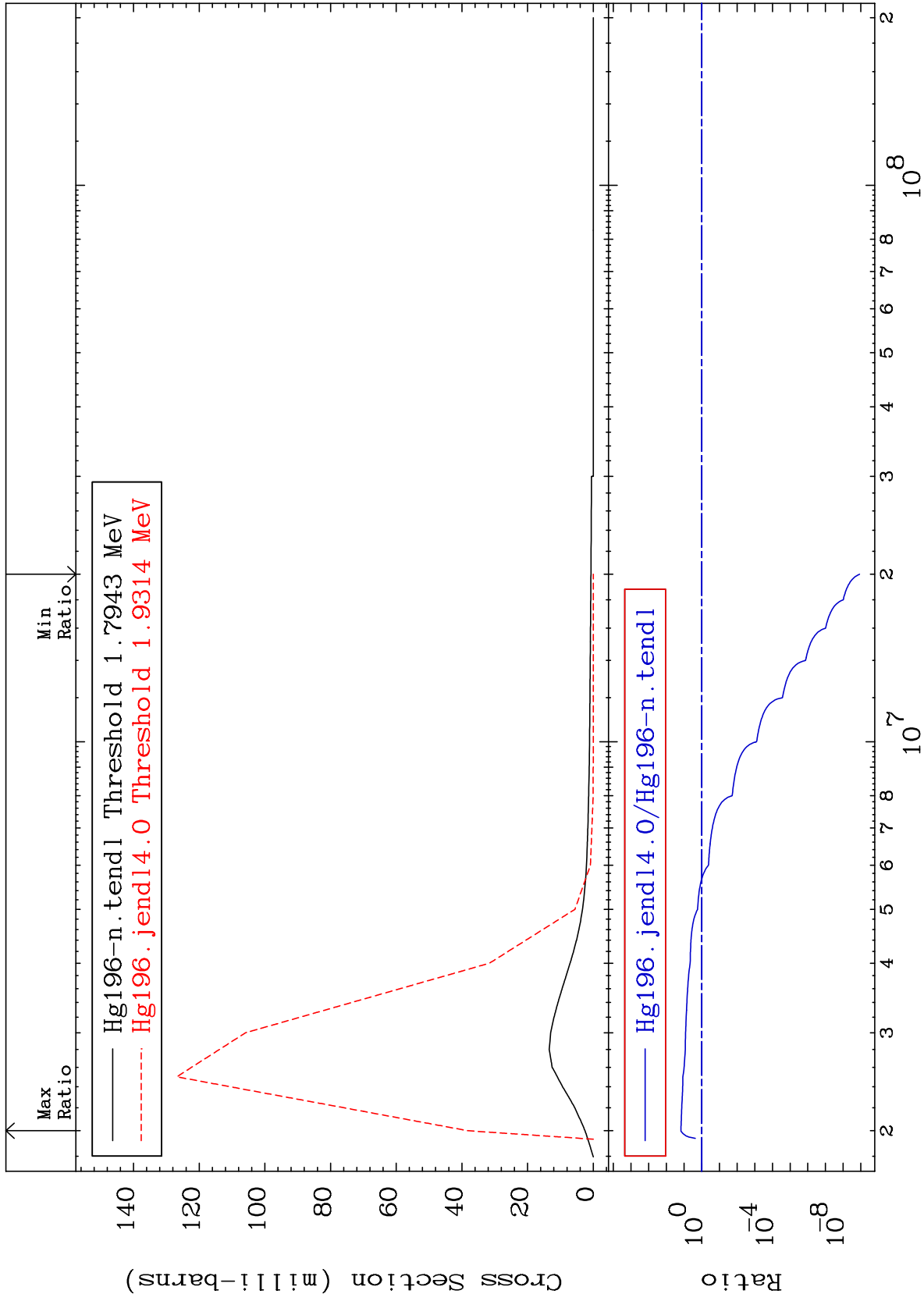
MAT 8025

1.785 MeV (n,n') Level

80-Hg-196

-100.0 To 1419. %

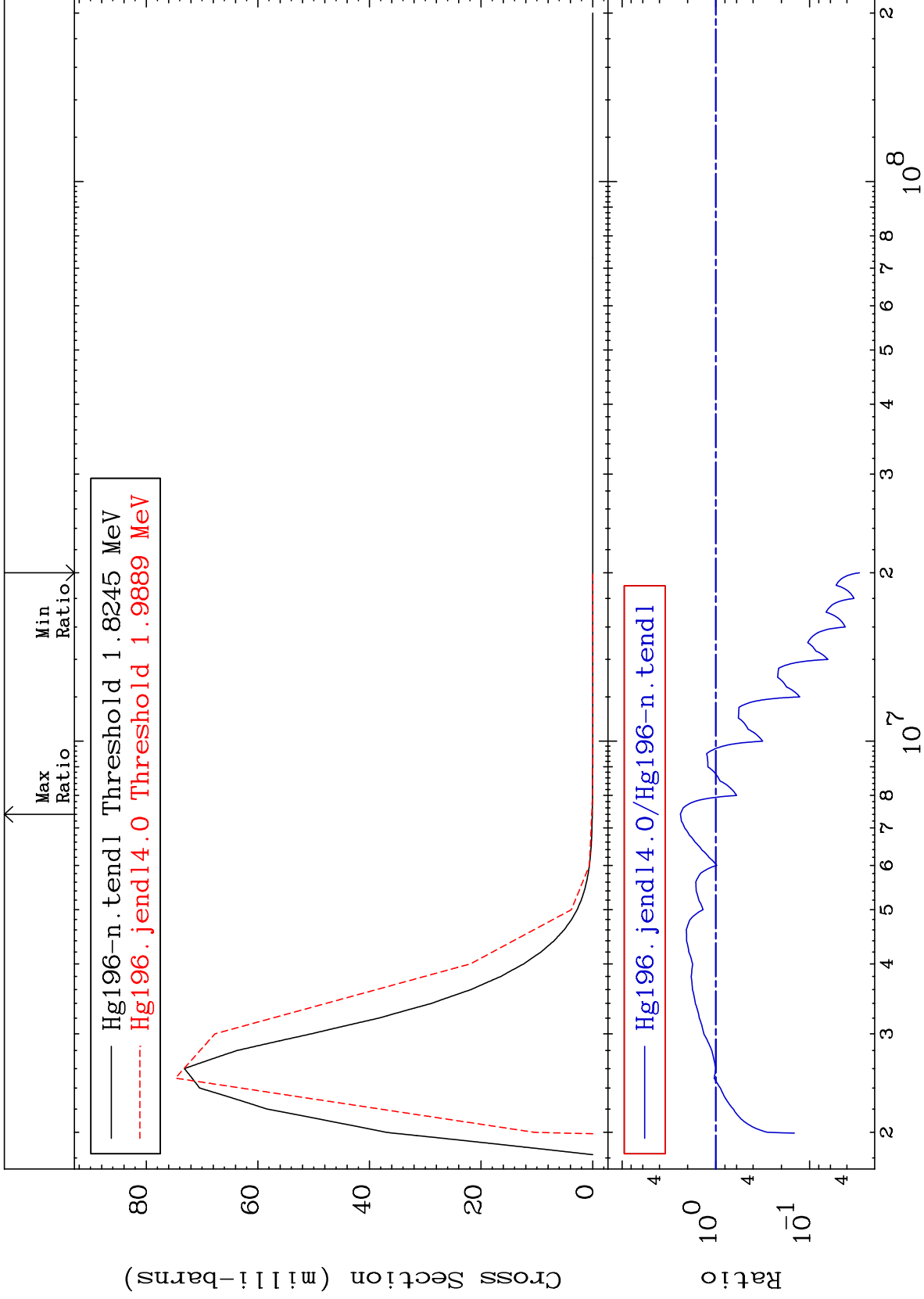
Cross Section



MAT 8025

1.815 MeV (n,n') Level
Cross Section

80-Hg-196
-97.06 To 139.0 %



20

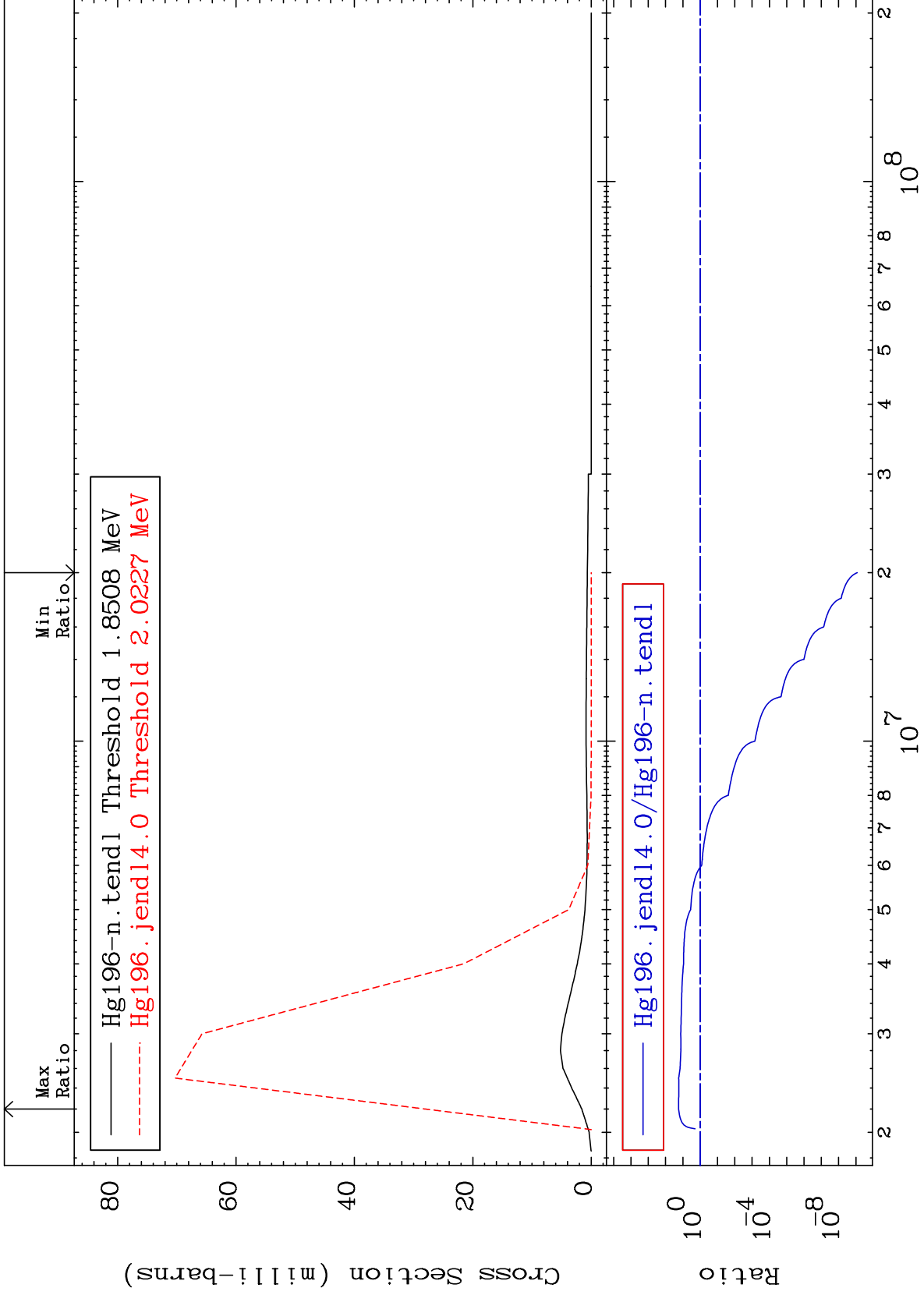
Incident Energy (eV)

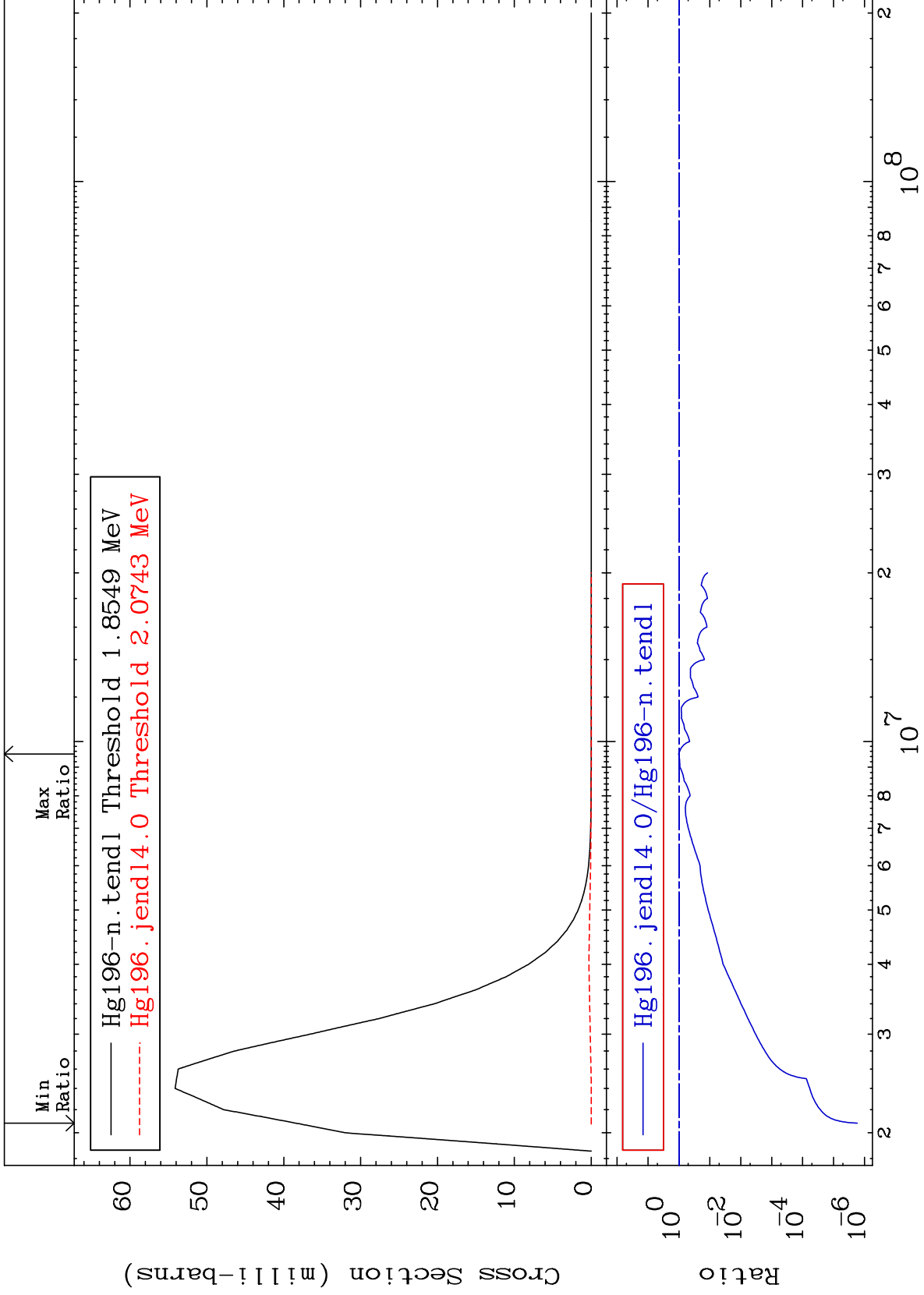
80-Hg-196

MAT 8025

1.841 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To 1657. %

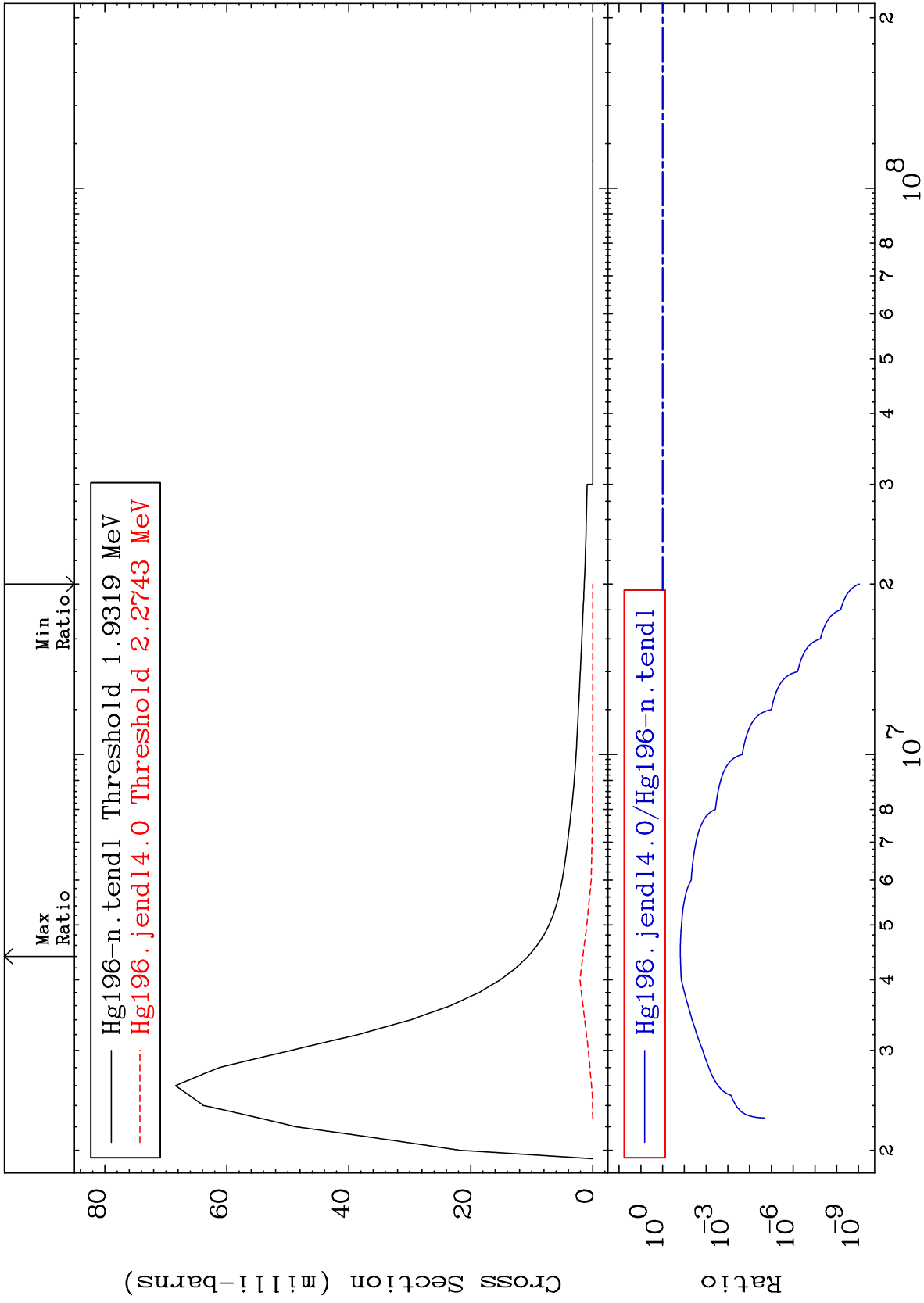




MAT 8025

1.922 MeV (n,n') Level
Cross Section

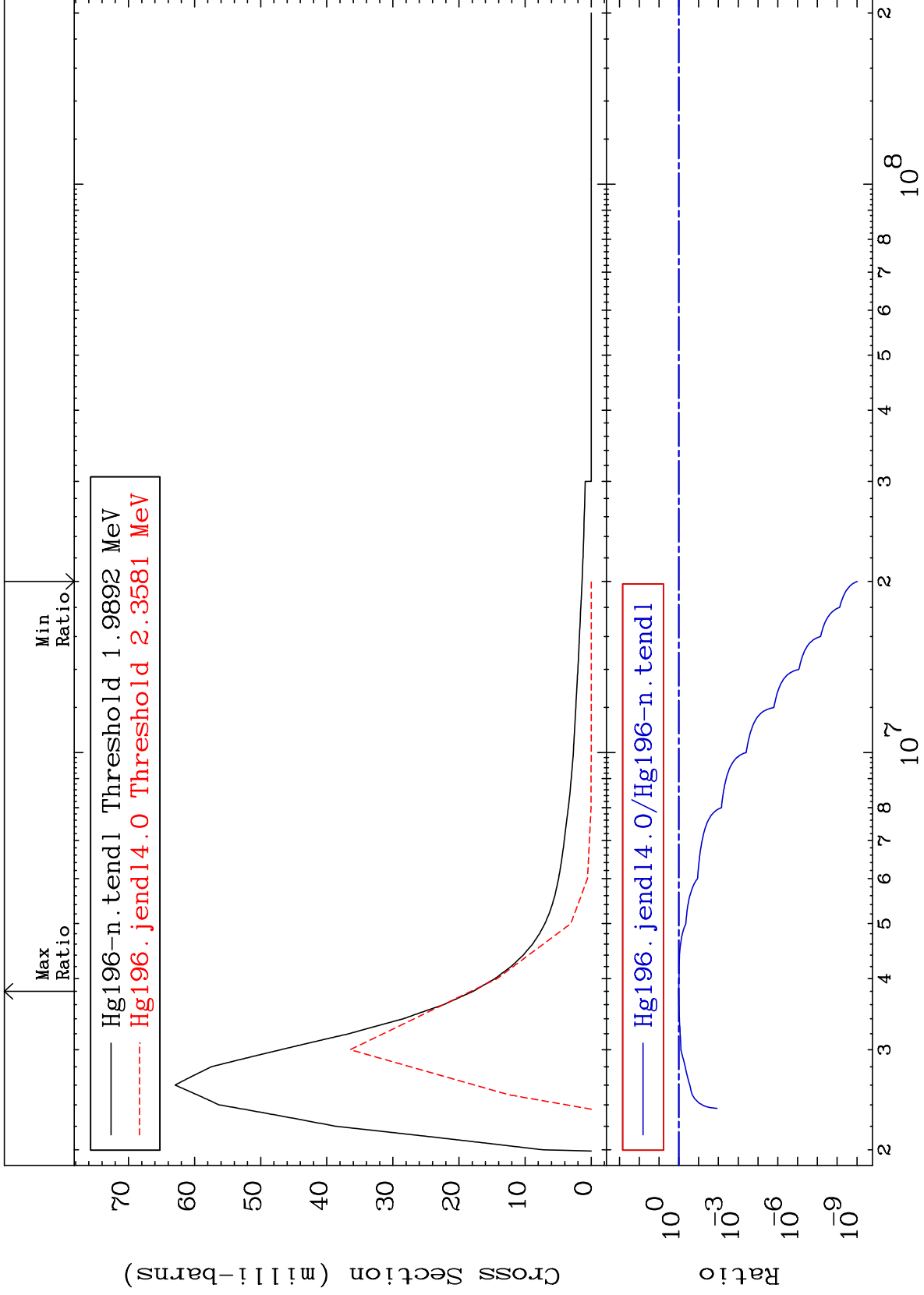
80-Hg-196
-100.0 To -84.75%



MAT 8025

1.979 MeV (n,n') Level
Cross Section

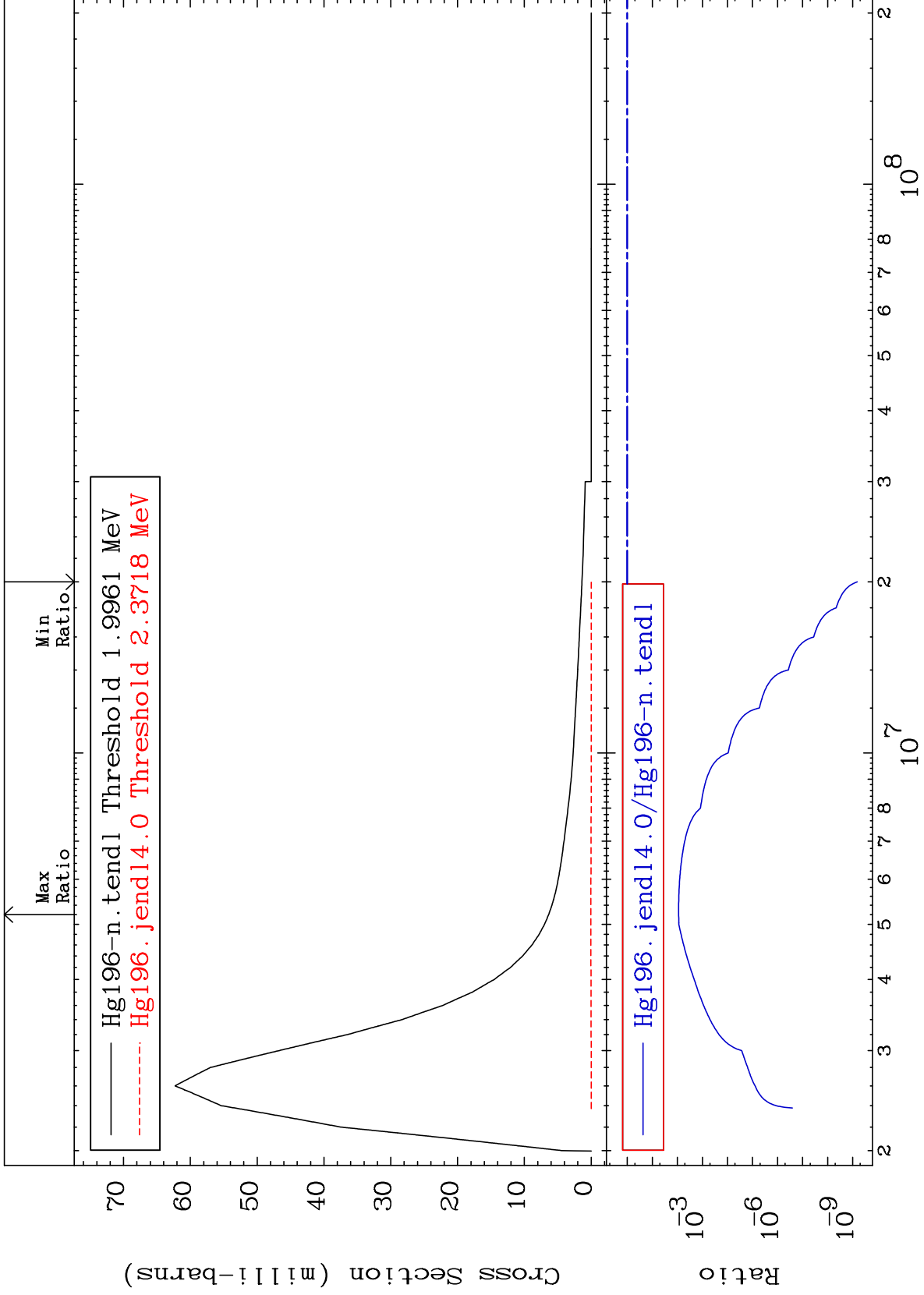
80-Hg-196
-100.0 To 1.991 %



MAT 8025

1.986 MeV (n,n') Level
Cross Section

80-Hg-196
-100.0 To -99.11%



25

Incident Energy (eV)

80-Hg-196

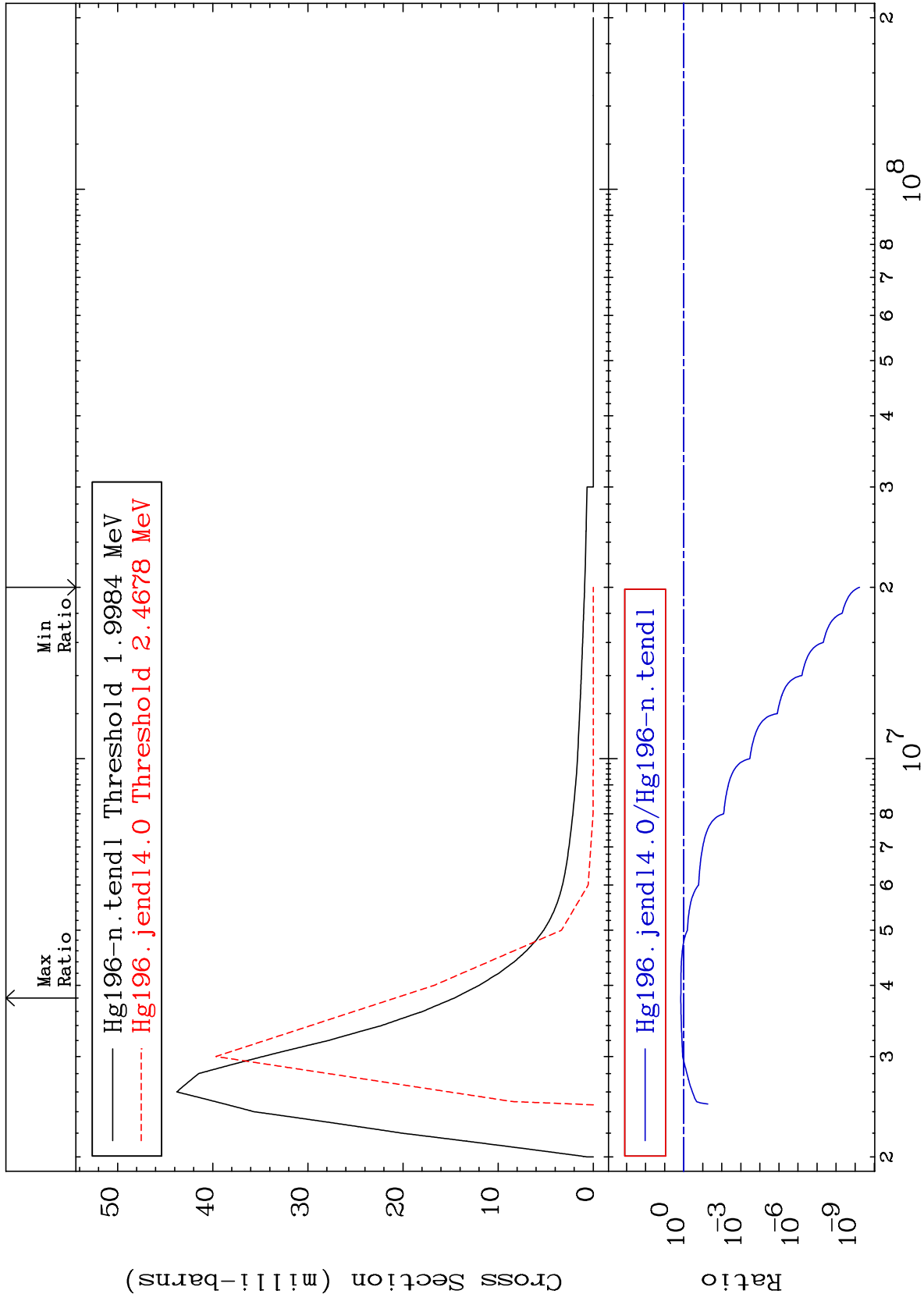
MAT 8025

1.988 MeV (n,n') Level

80-Hg-196

-100.0 To 42.64 %

Cross Section



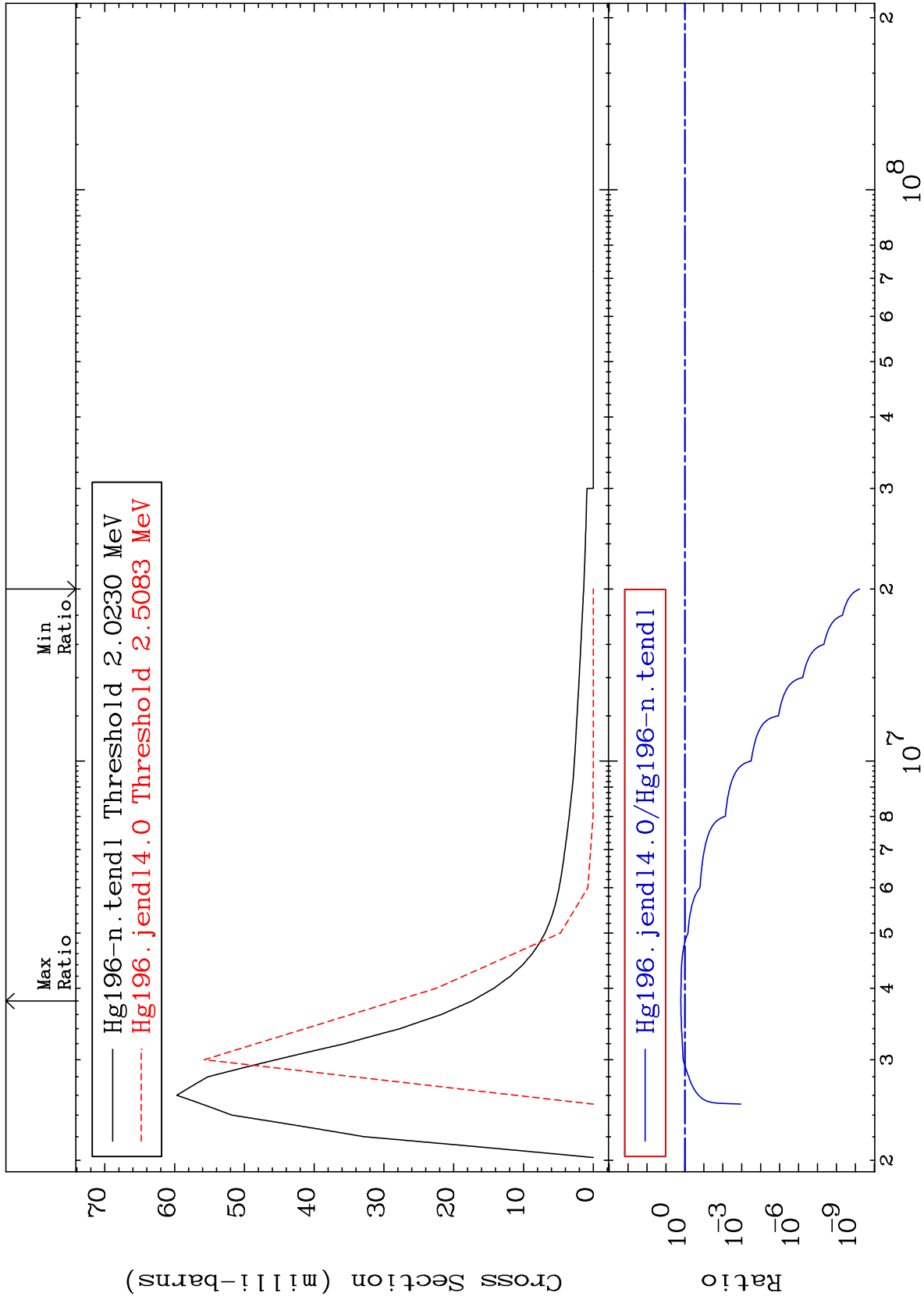
MAT 8025

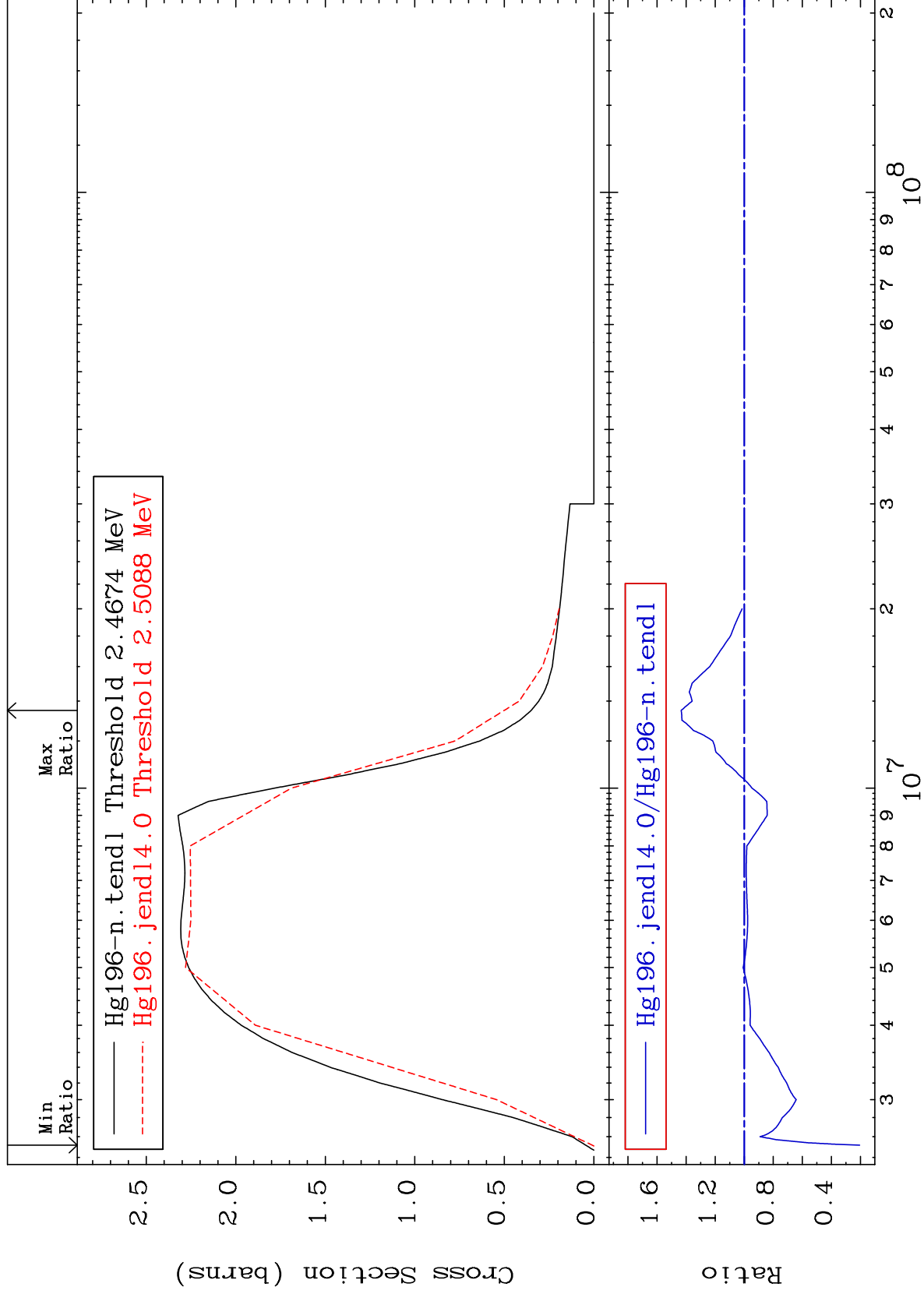
2.013 MeV (n,n') Level

80-Hg-196

-100.0 To 63.28 %

Cross Section



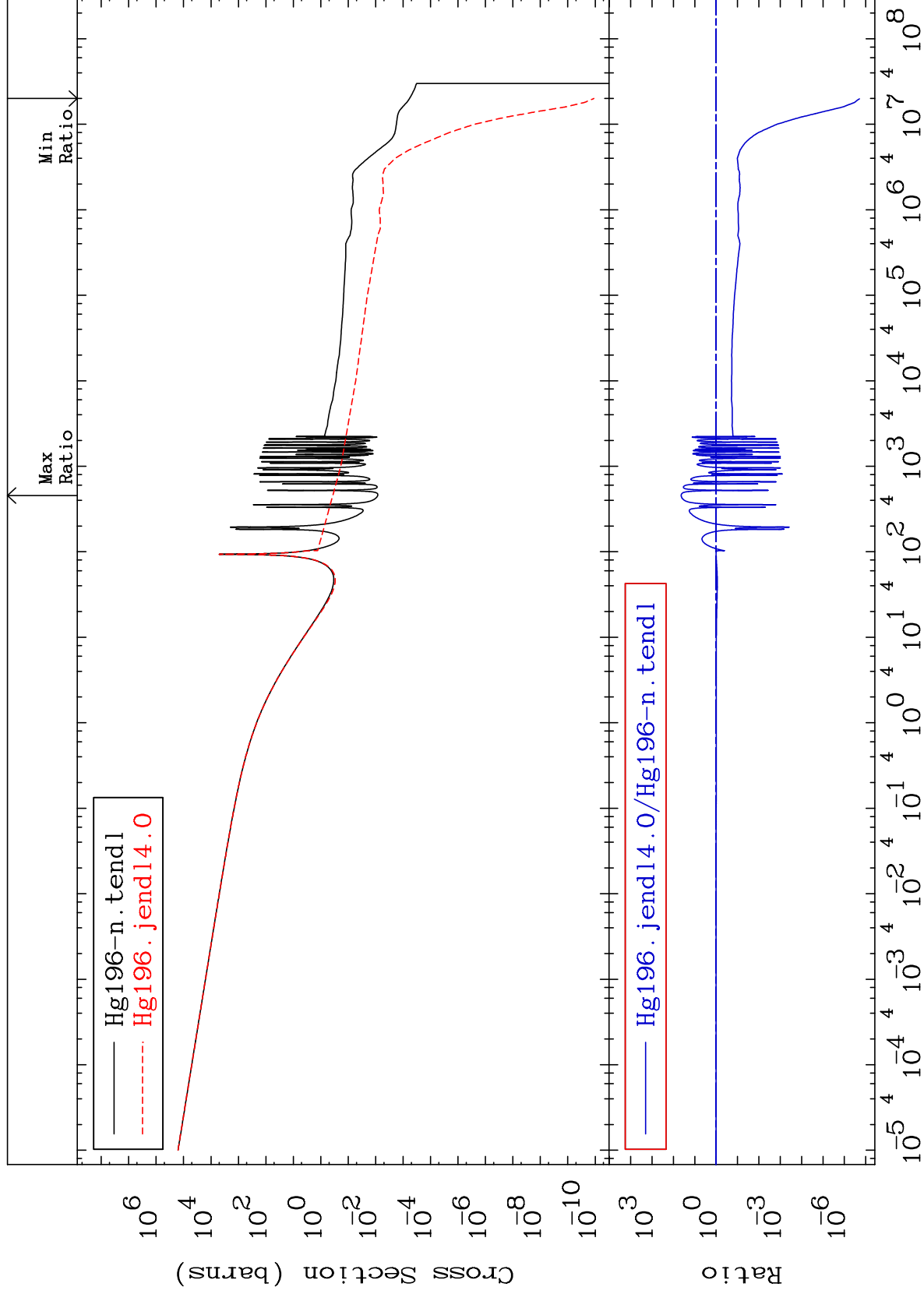


MAT 8025

(n, γ)
Cross Section

80-Hg-196

-100.0 To 4221. %



29

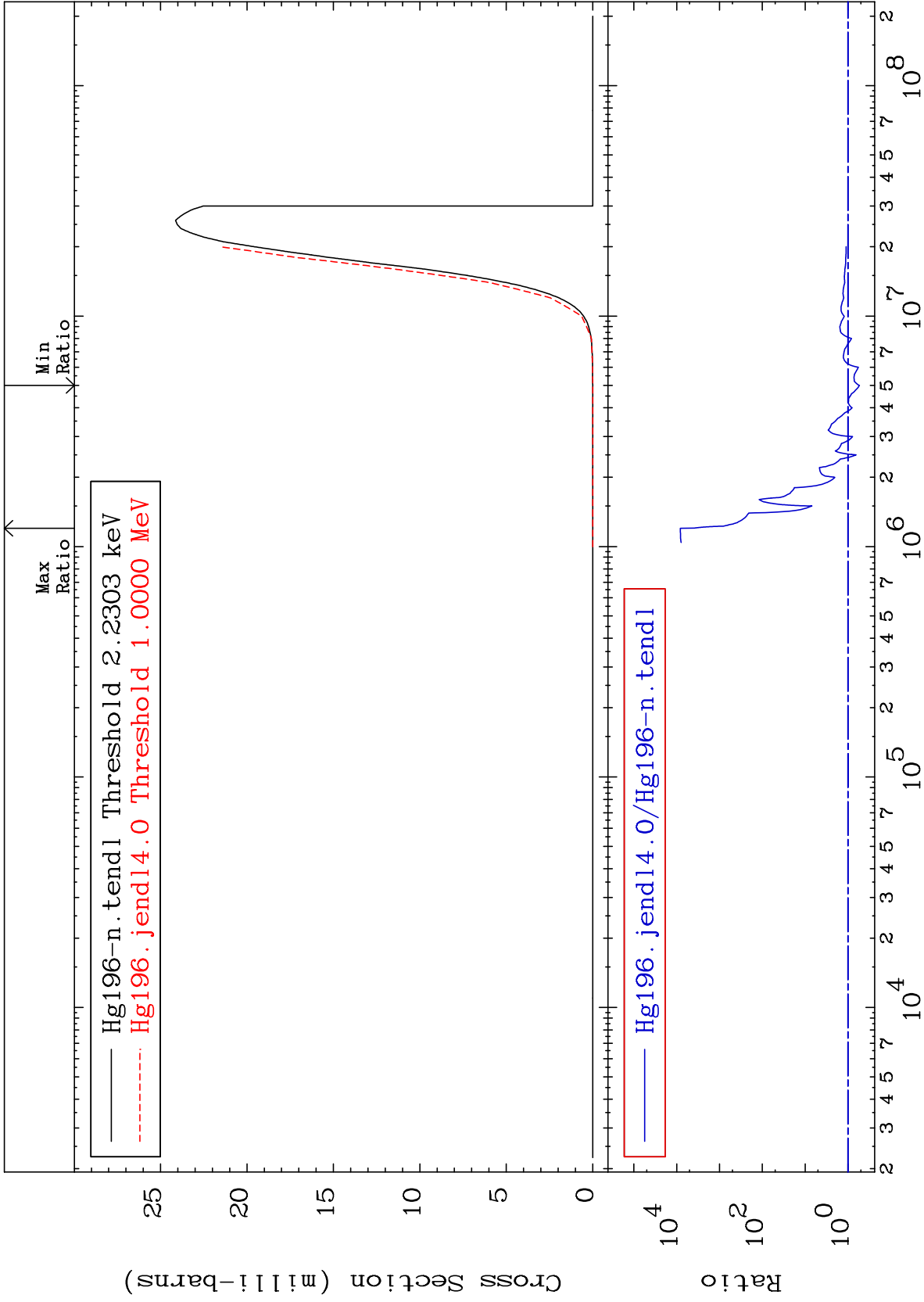
Incident Energy (eV)

80-Hg-196

MAT 8025

(n, p)
Cross Section

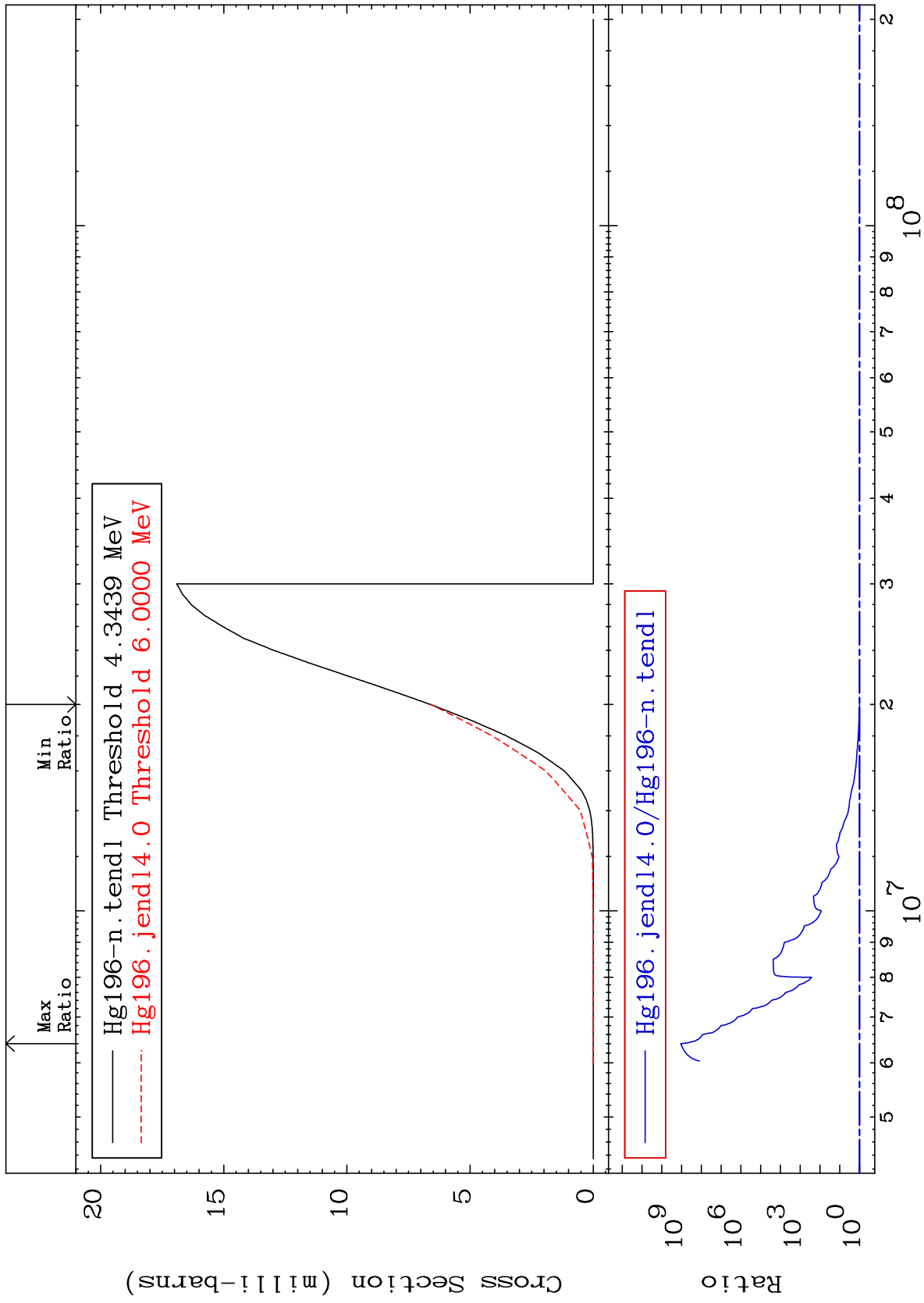
80-Hg-196
-46.08 To 9999. %



30

Incident Energy (eV)

80-Hg-196



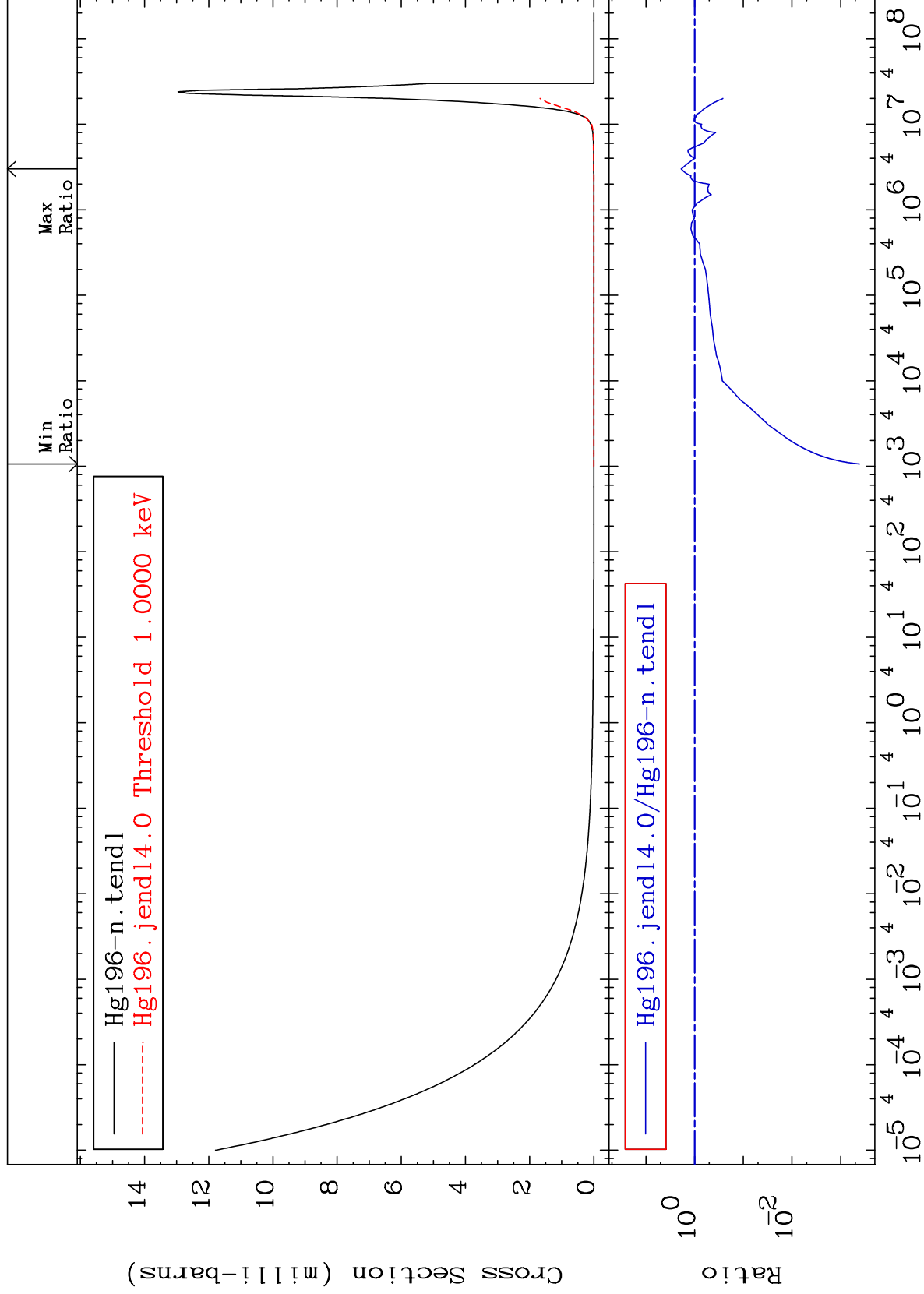
MAT 8025

(n, α)

Cross Section

80-Hg-196

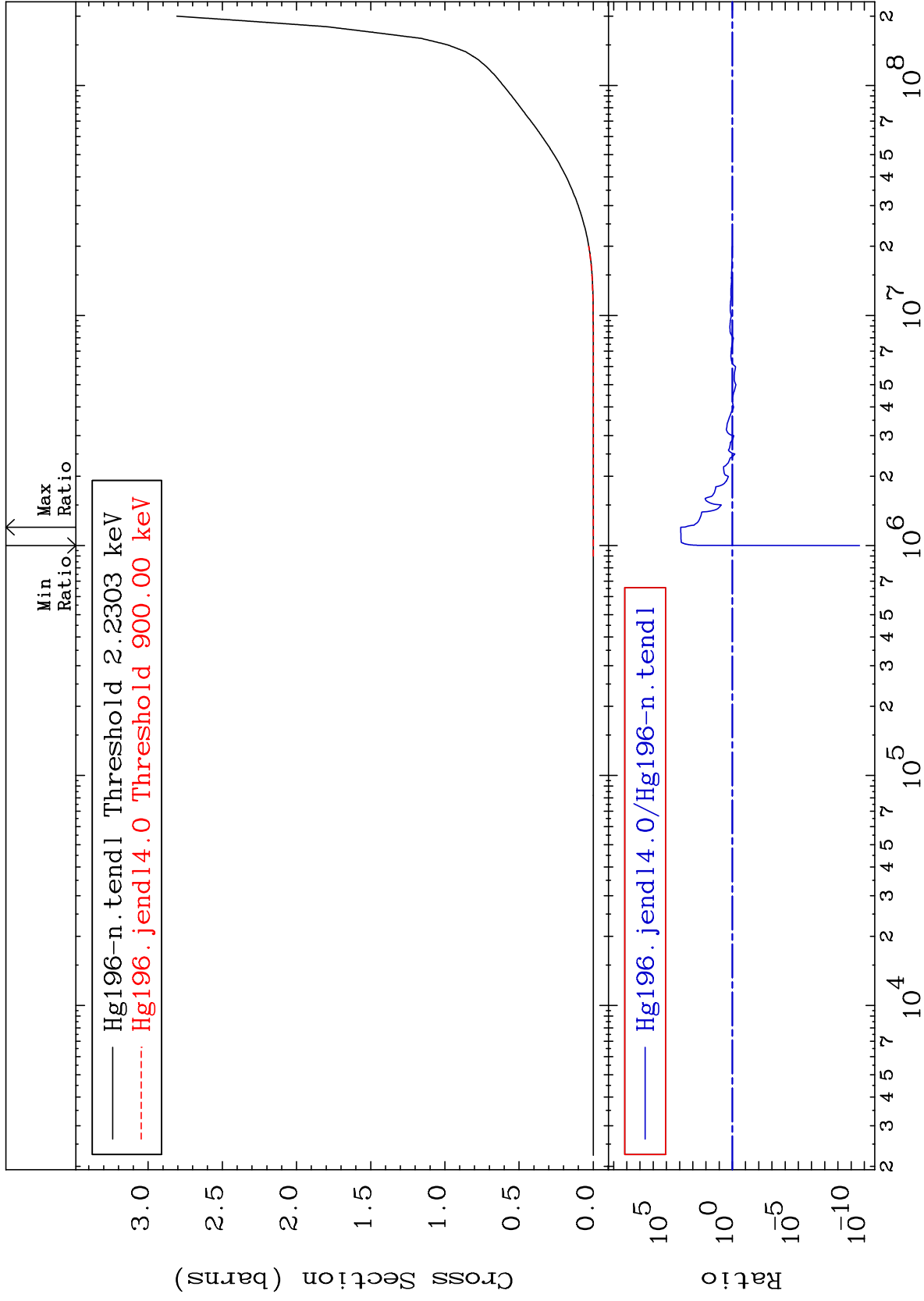
-99.96 To 88.62 %

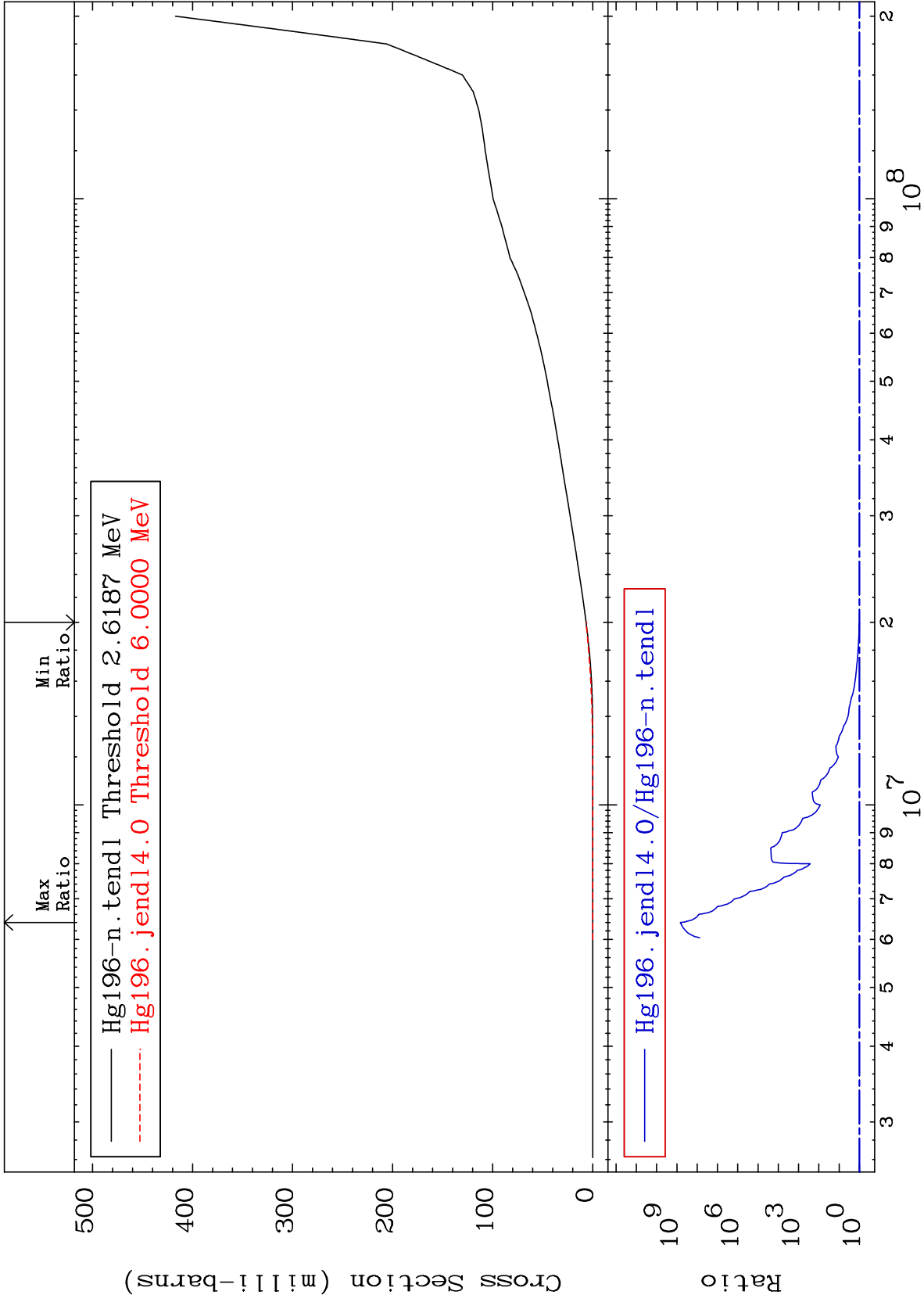


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Incident Energy (eV)

80-Hg-196

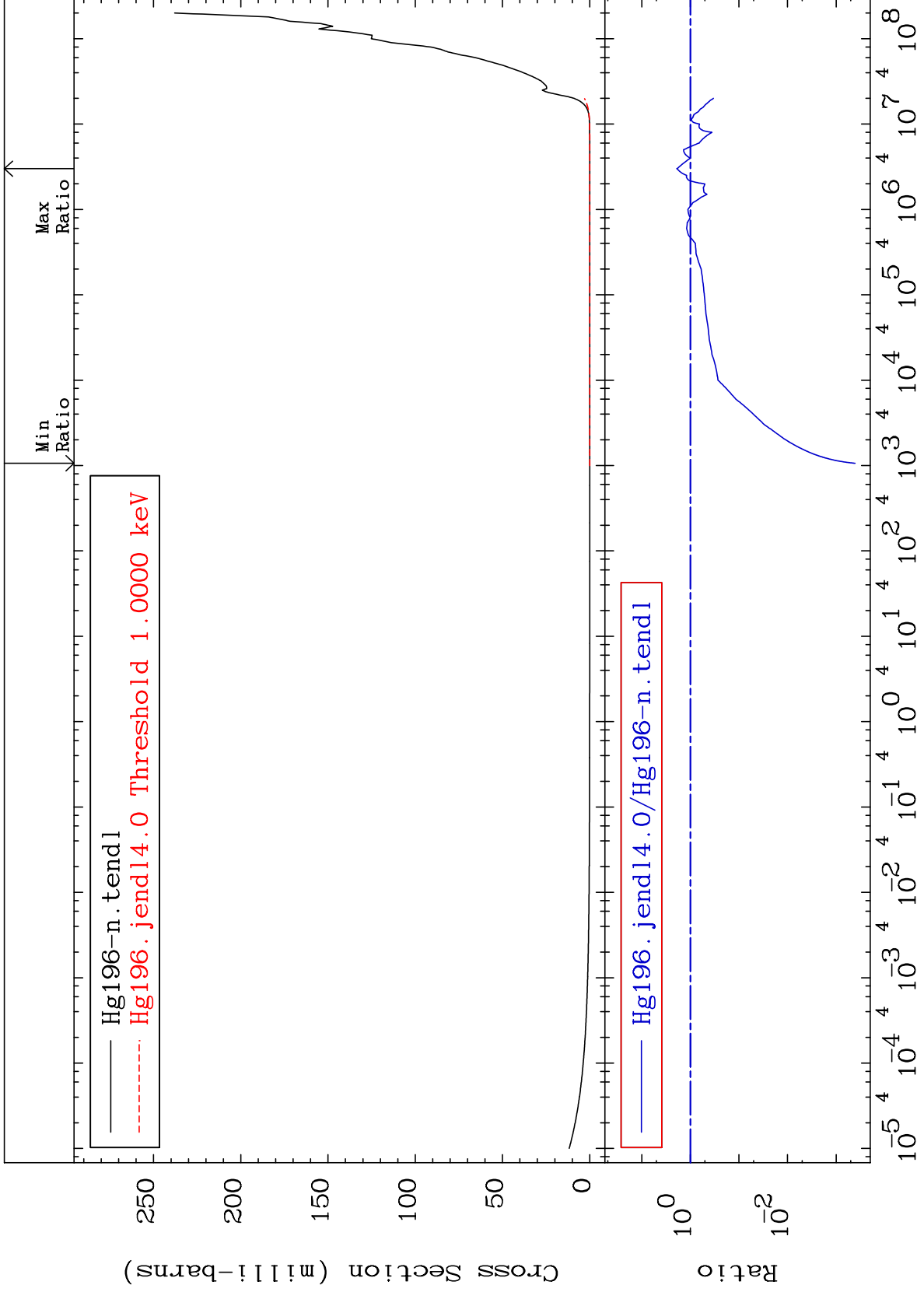




MAT 8025

He-4 Production
Cross Section

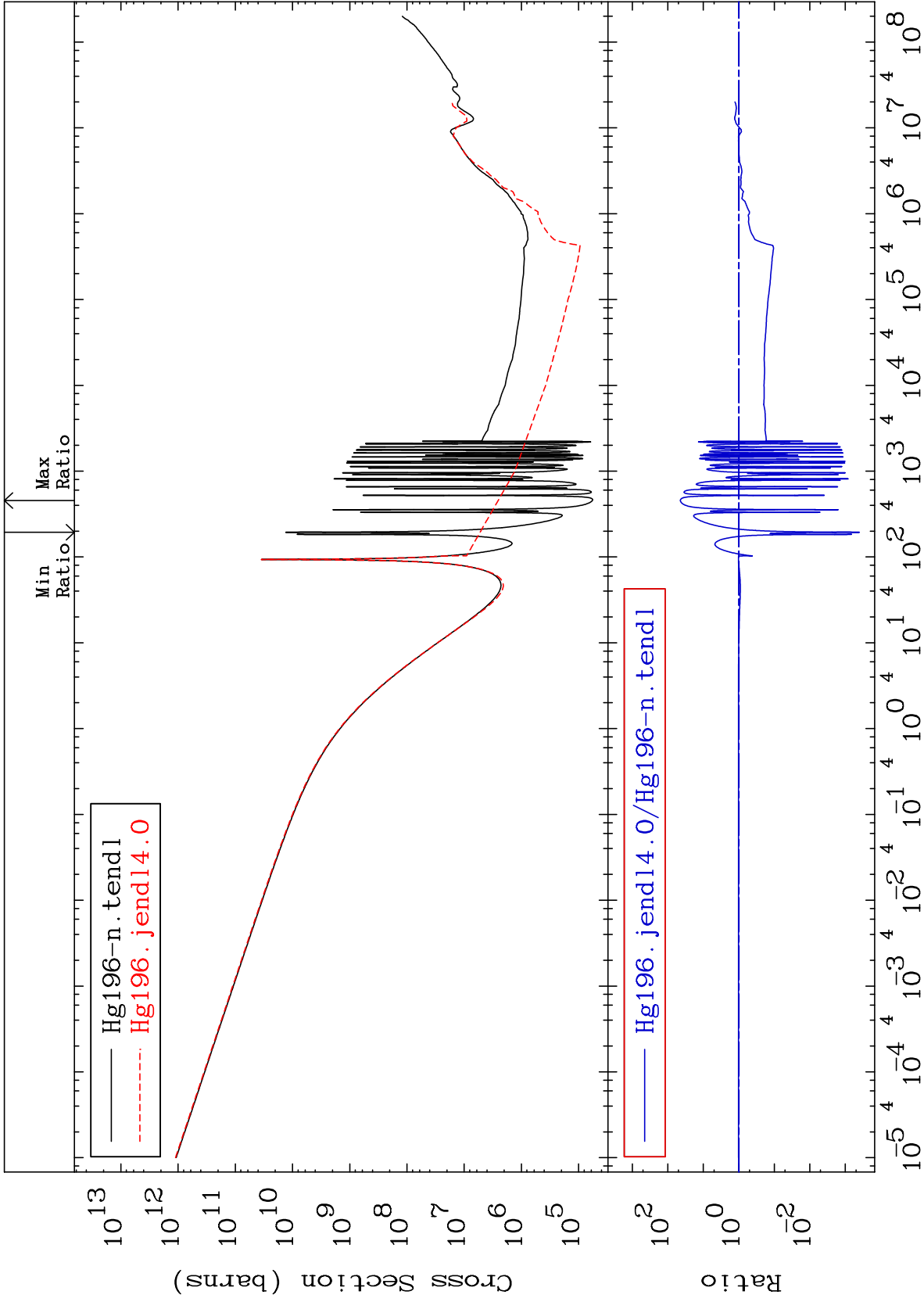
80-Hg-196
-99.96 To 88.62 %



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Incident Energy (eV)

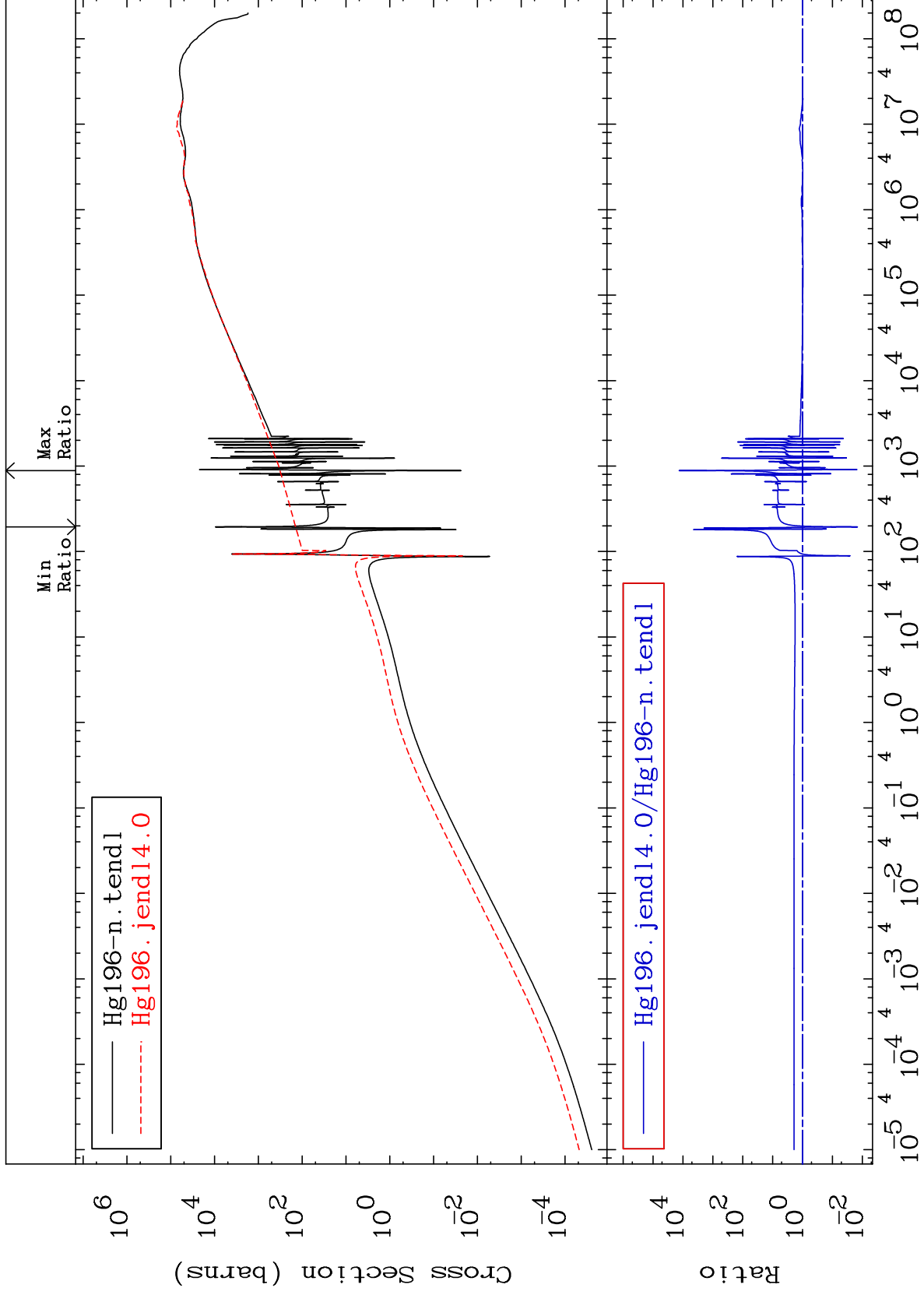
80-Hg-196



MAT 8025

Kerma elastic
Cross Section

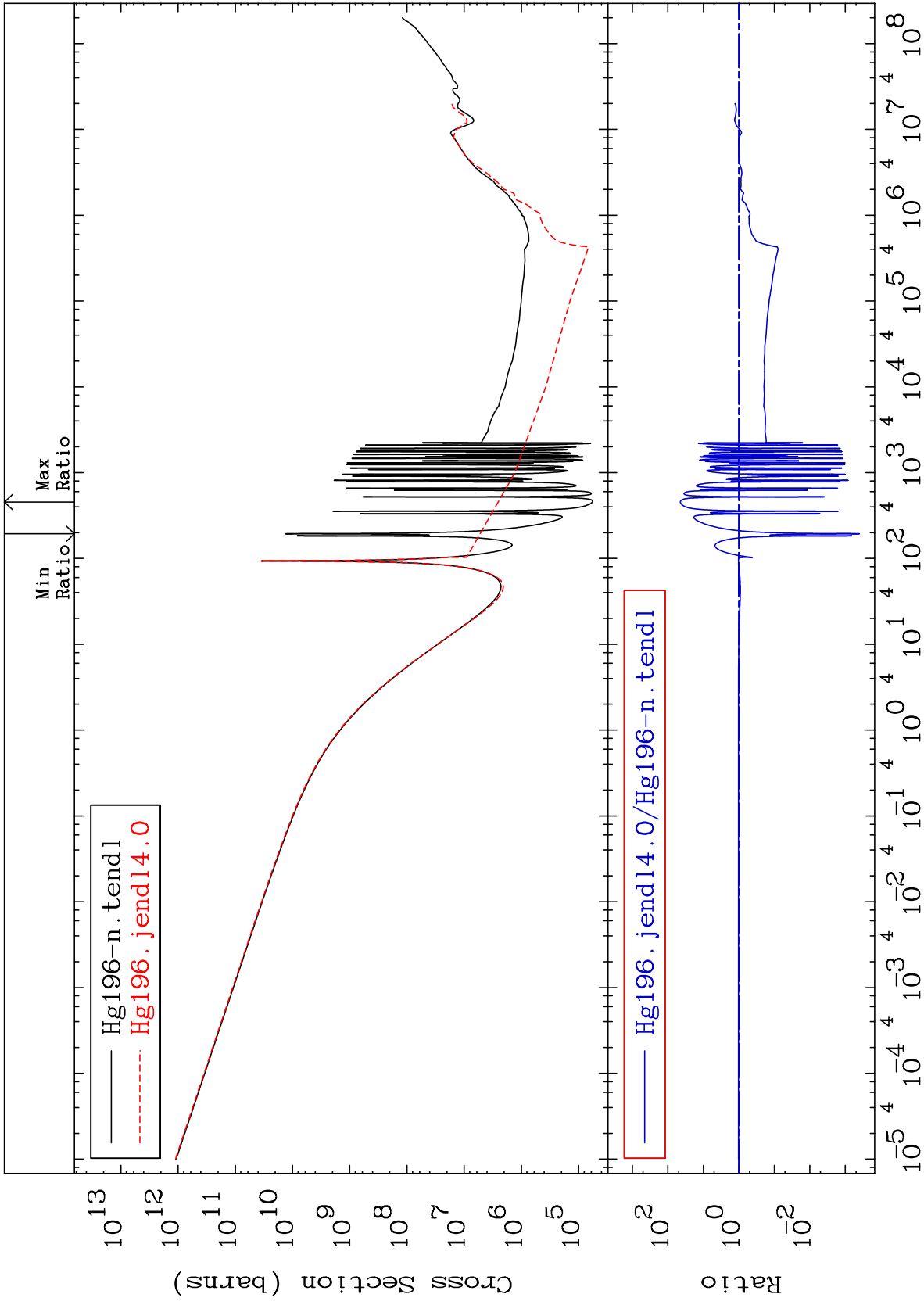
80-Hg-196
-98.54 To 9999. %

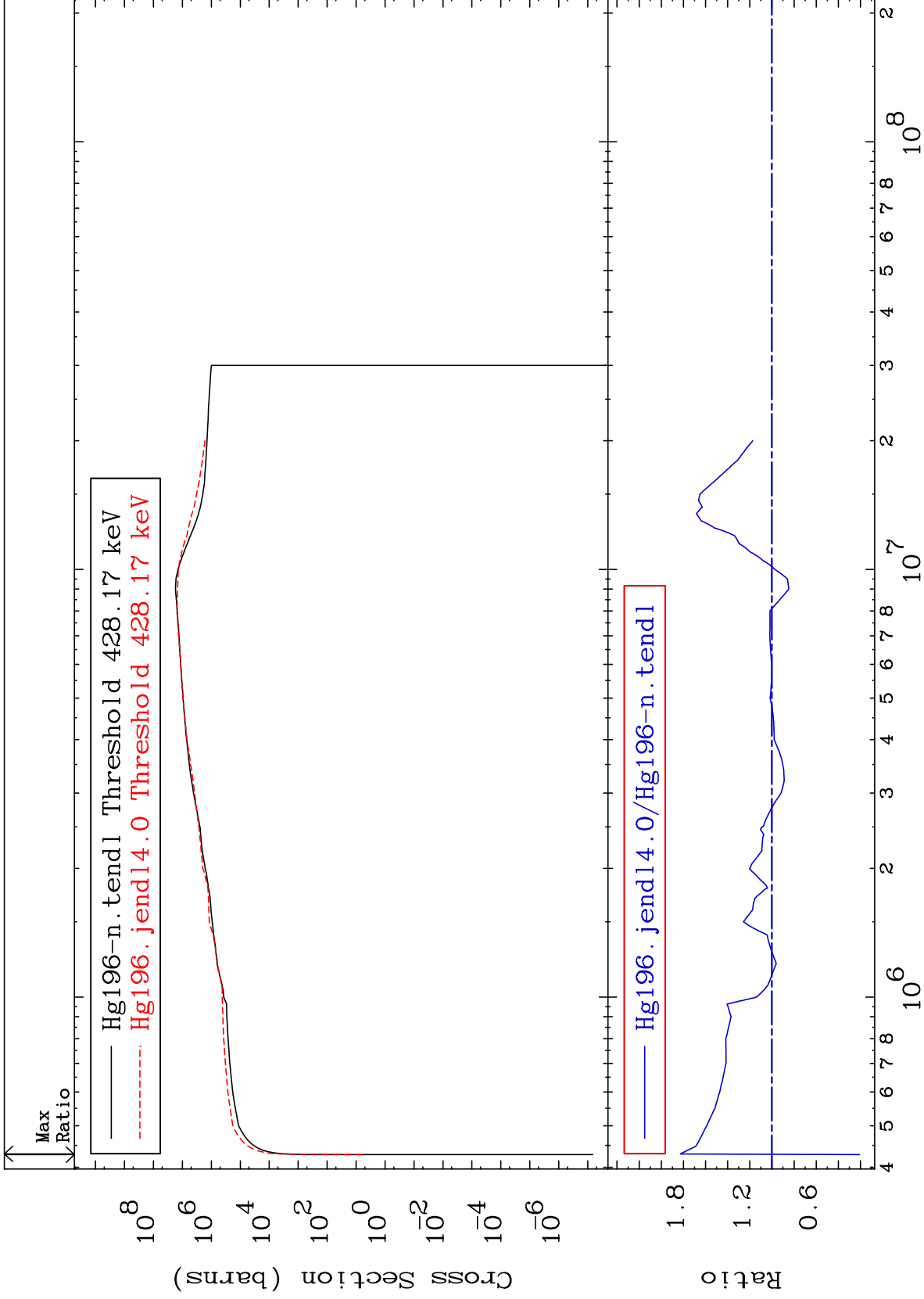


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Incident Energy (eV)

80-Hg-196

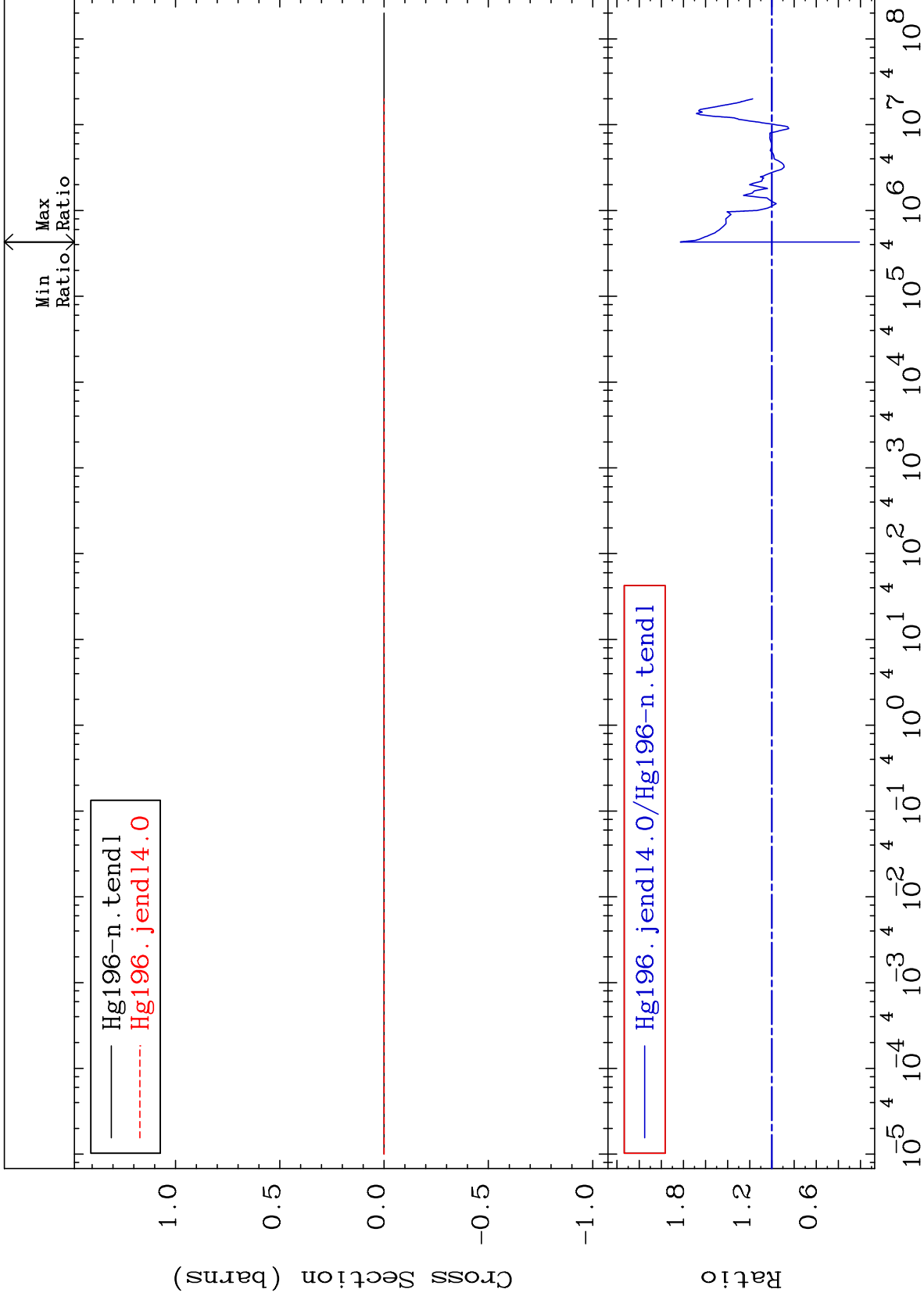




MAT 8025

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

80-Hg-196
-79.08 To 82.76 %



Incident Energy (eV)

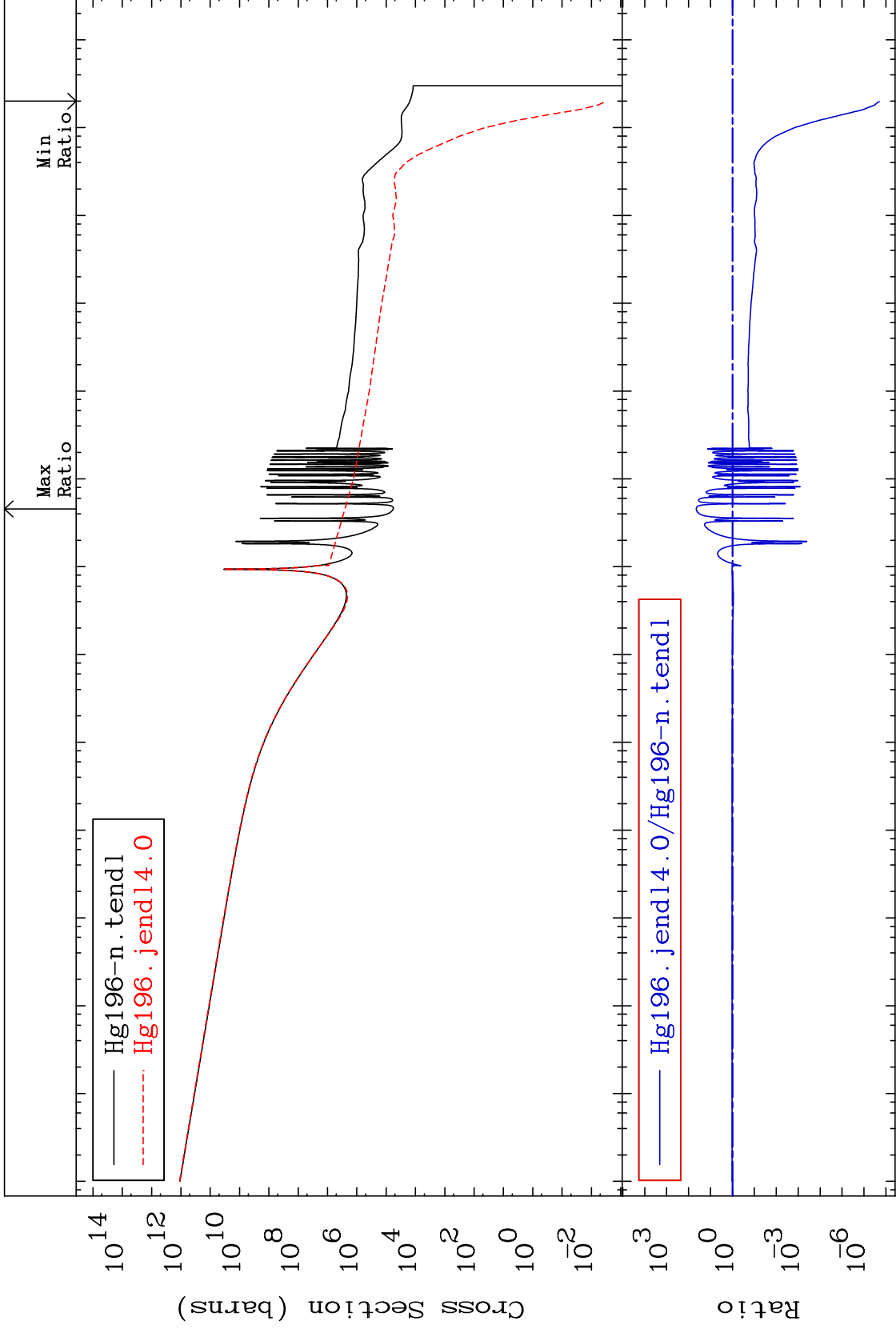
80-Hg-196

40

MAT 8025

Kerma capture (mt102)
Cross Section

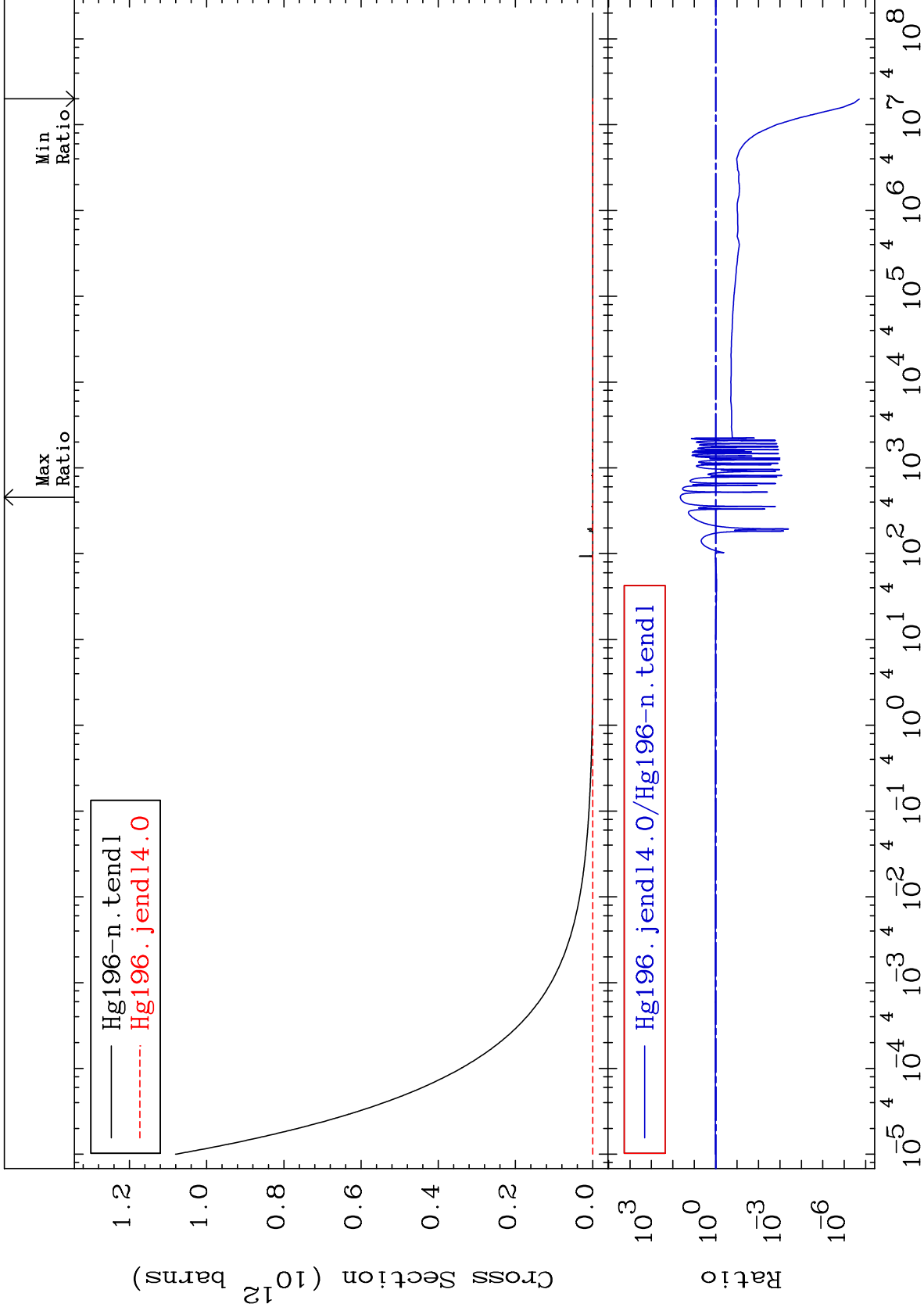
80-Hg-196
-100.0 To 4345. %

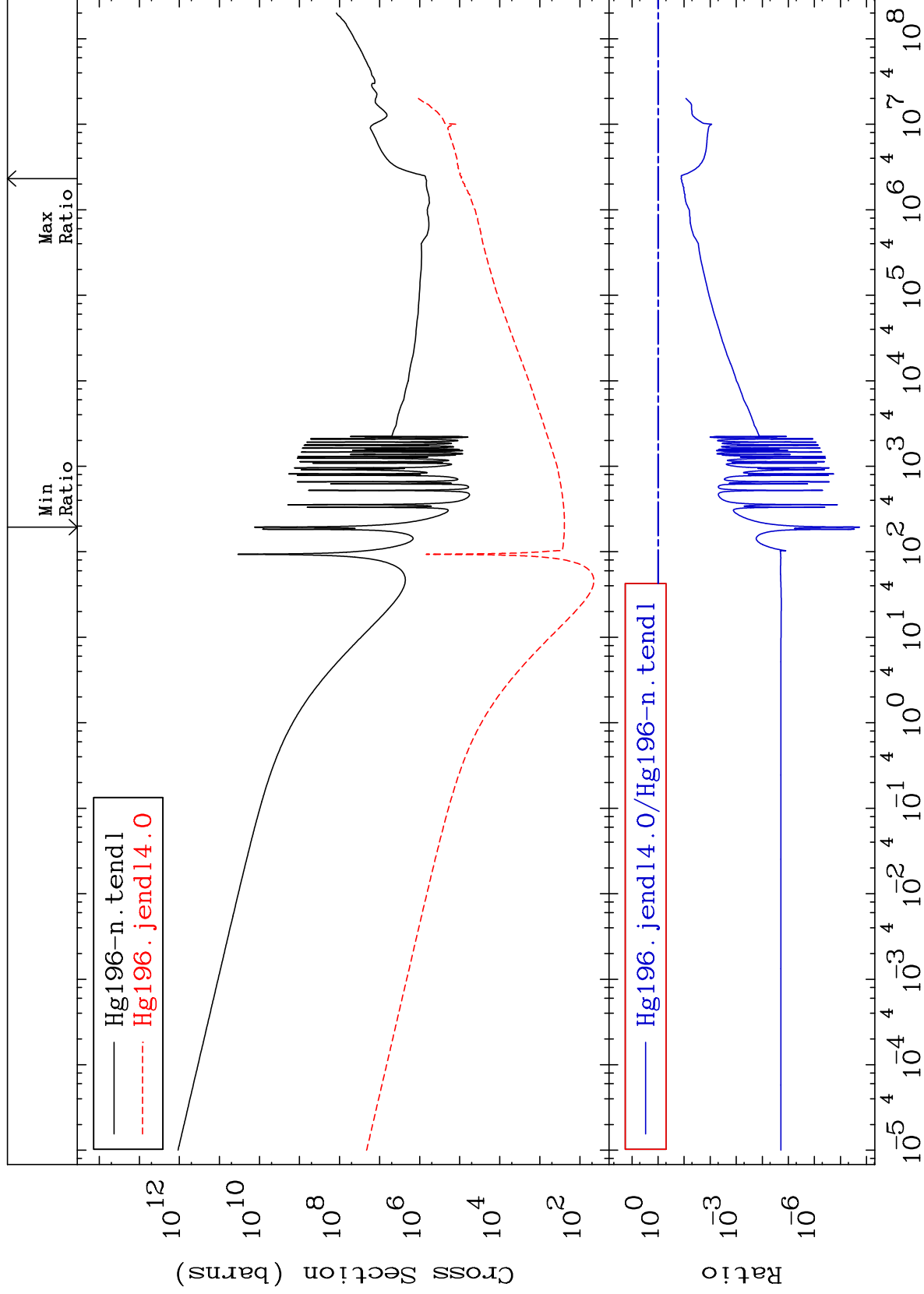


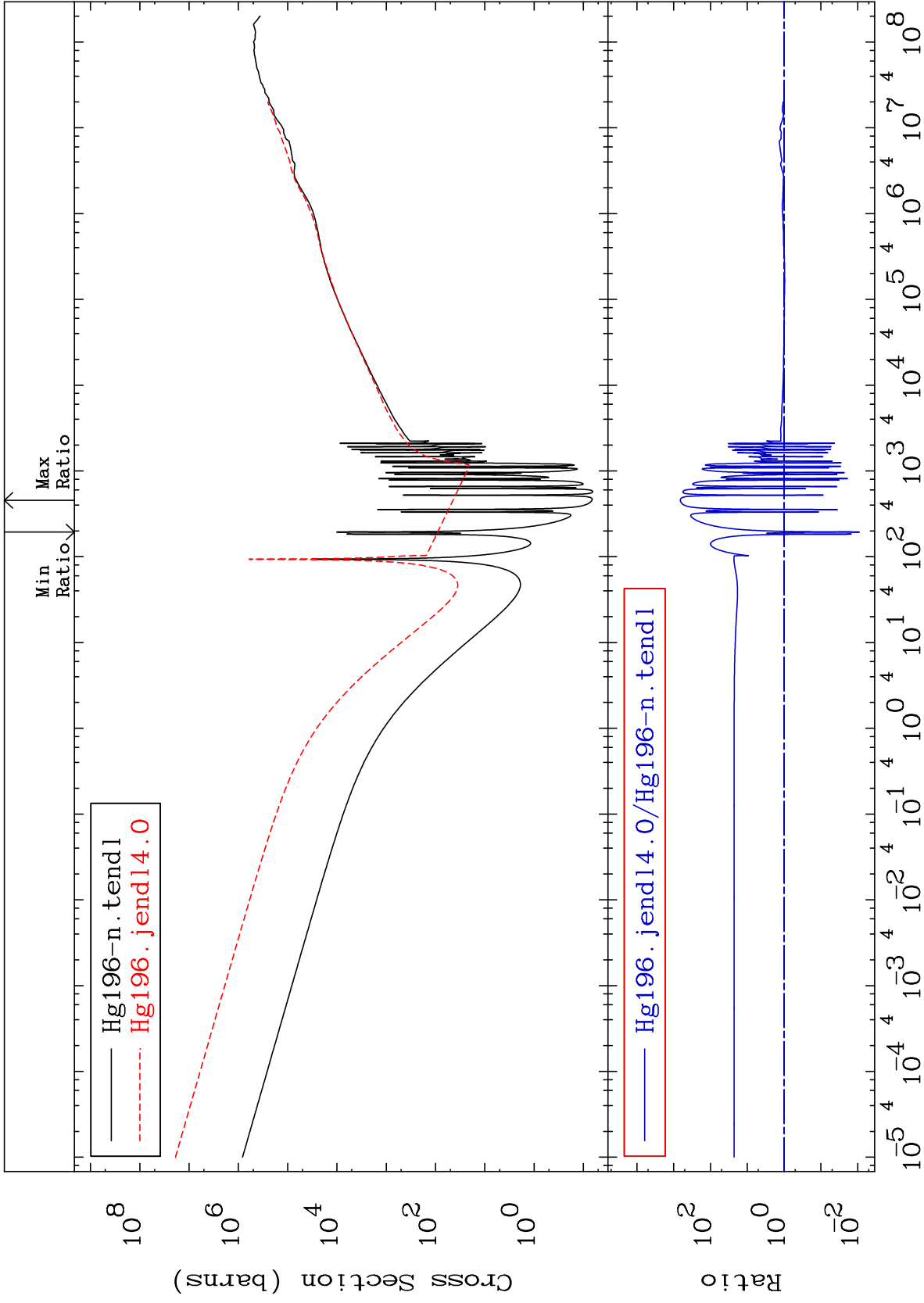
41

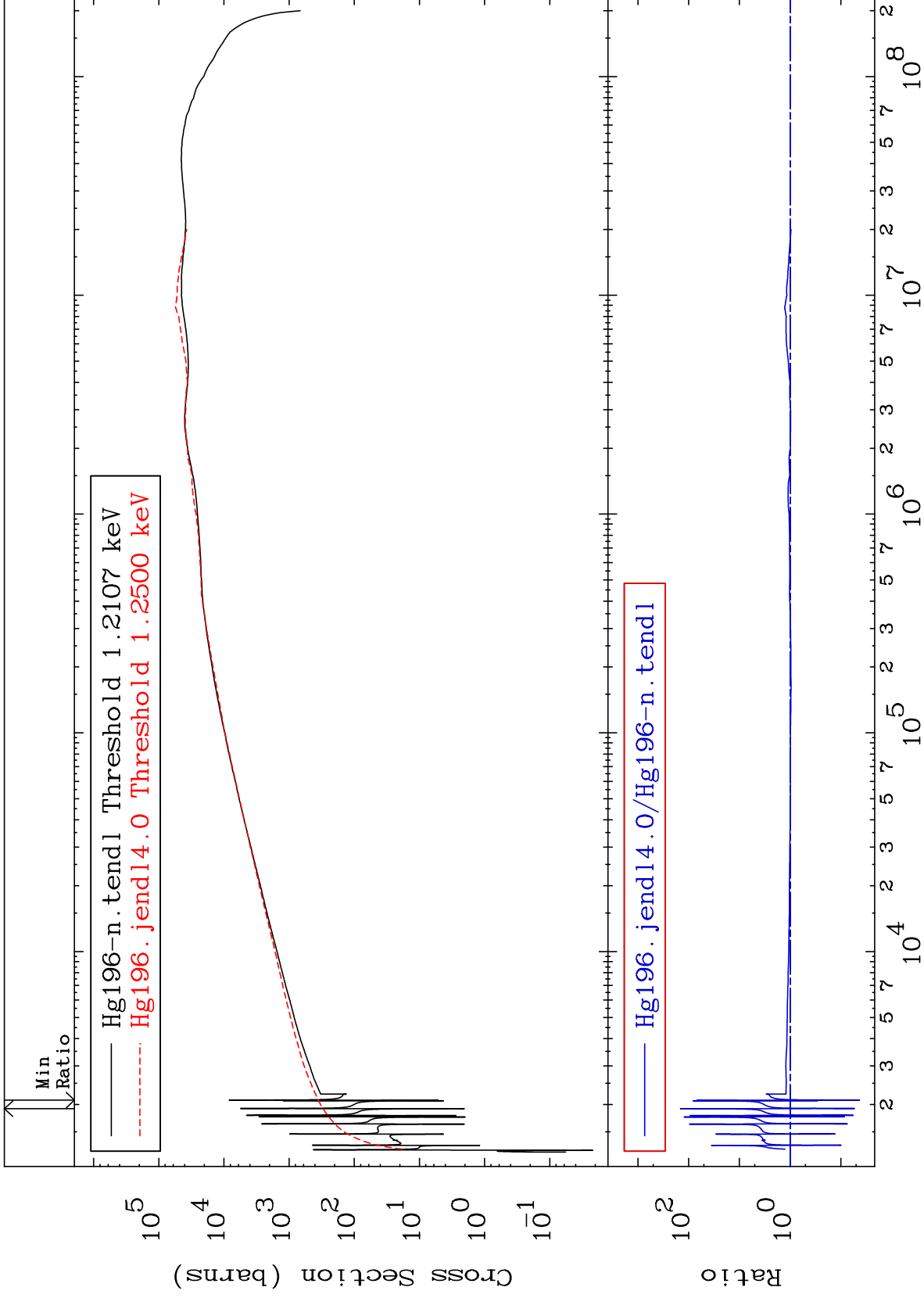
Incident Energy (eV)

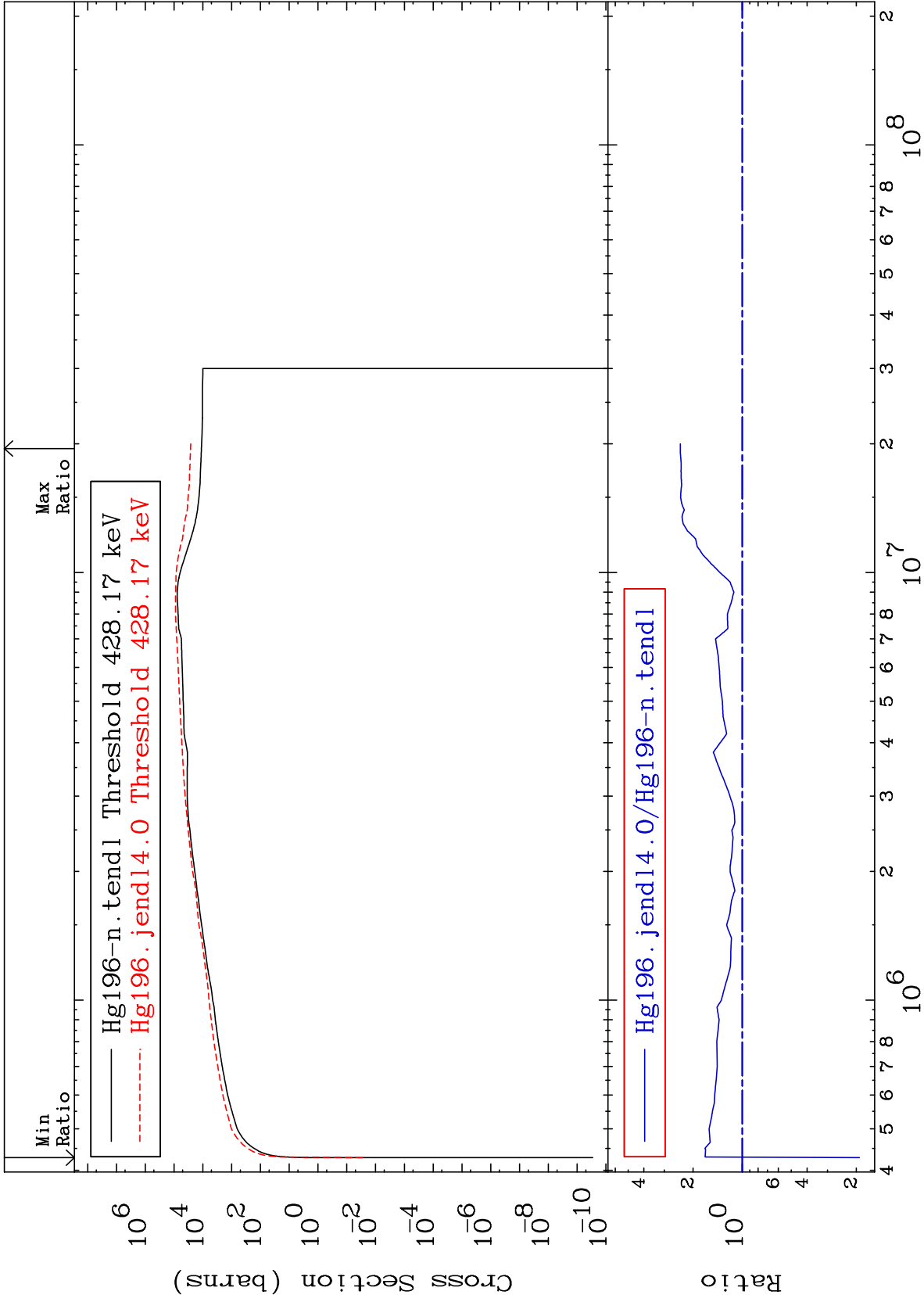
80-Hg-196











Cross Section

