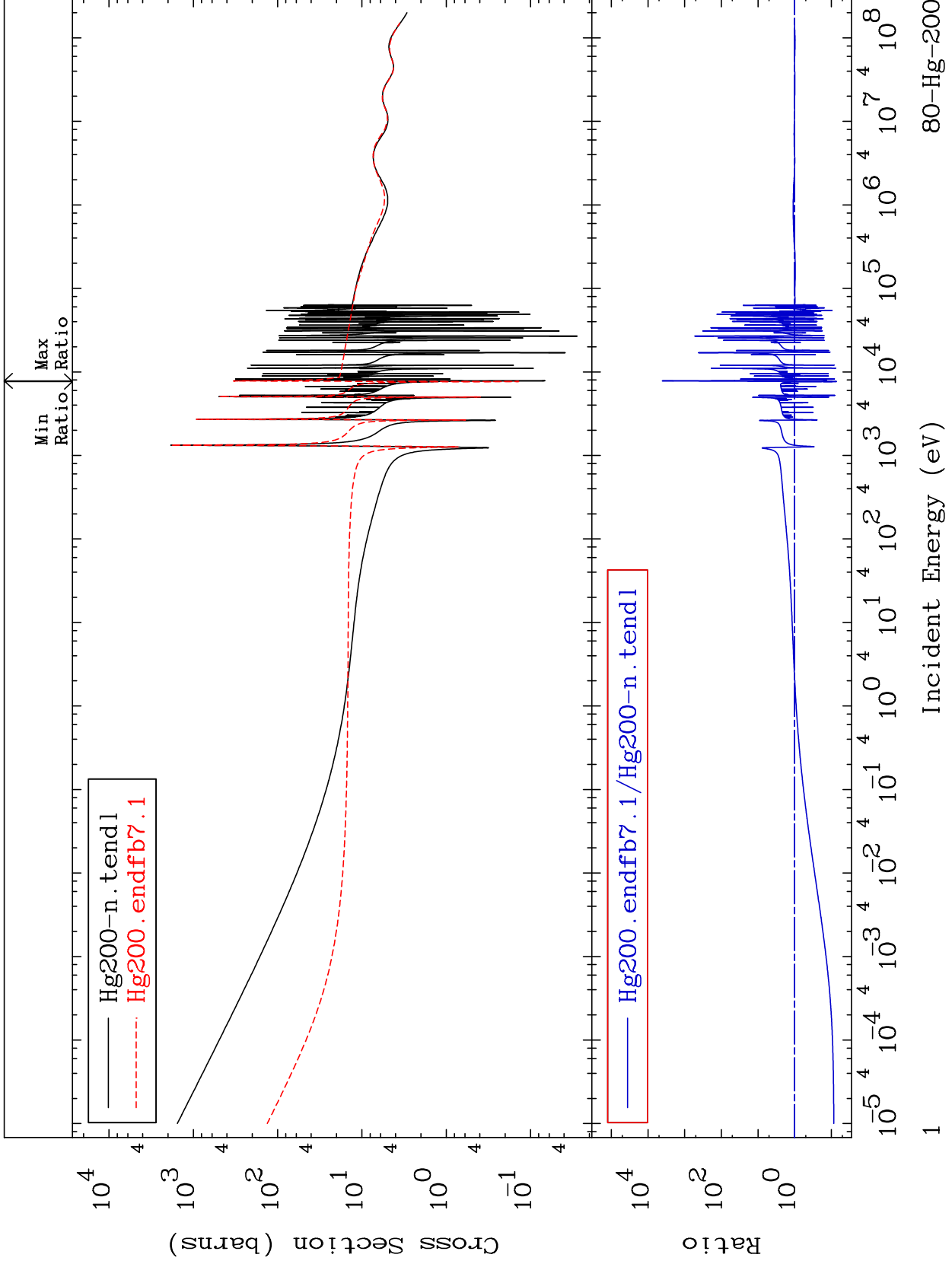


MAT 8037

Total
Cross Section

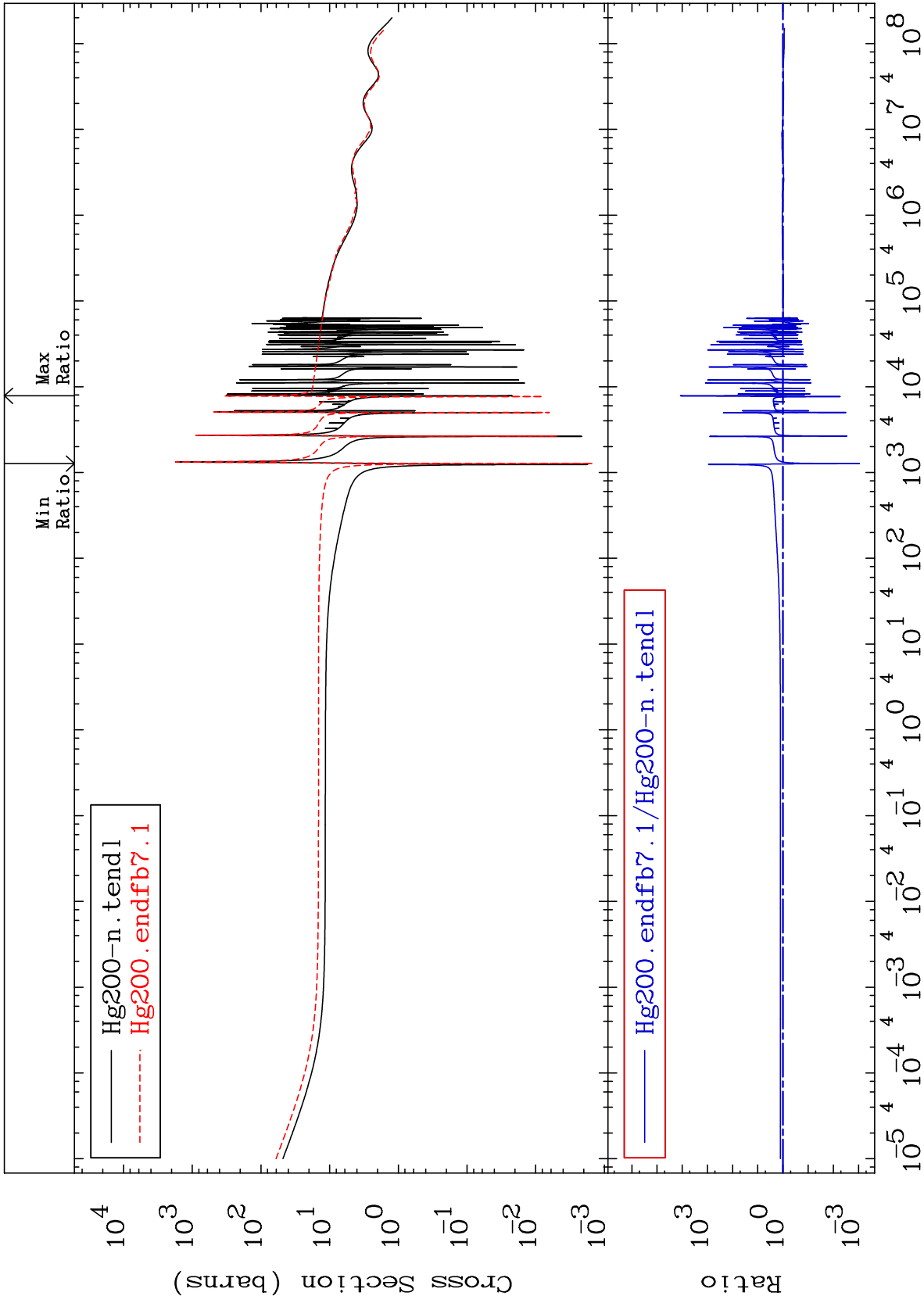
80-Hg-200
-92.81 To 9999. %



MAT 8037

Elastic
Cross Section

80-Hg-200
-99.91 To 9999. %



2

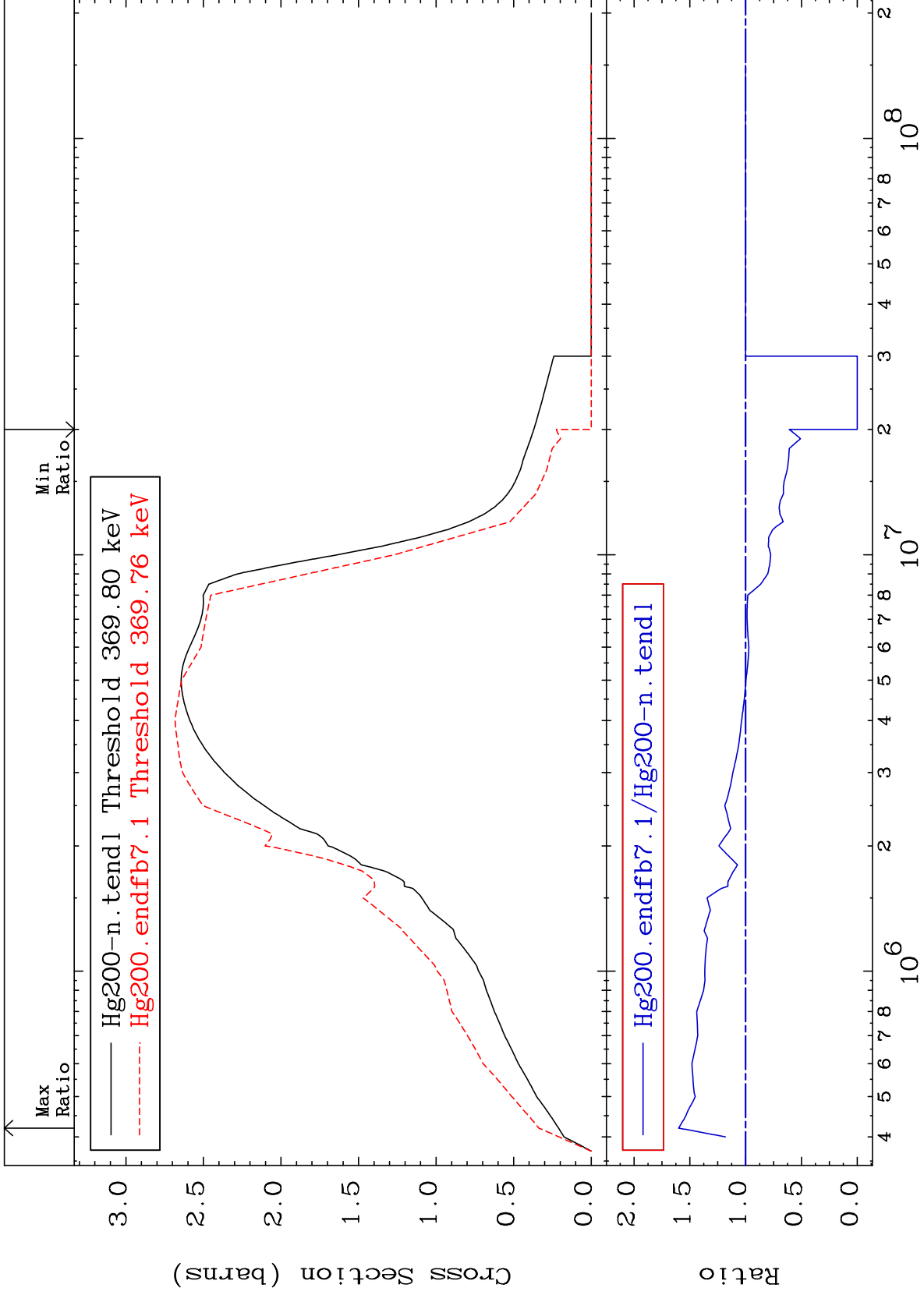
Incident Energy (eV)

80-Hg-200

MAT 8037

Inelastic
Cross Section

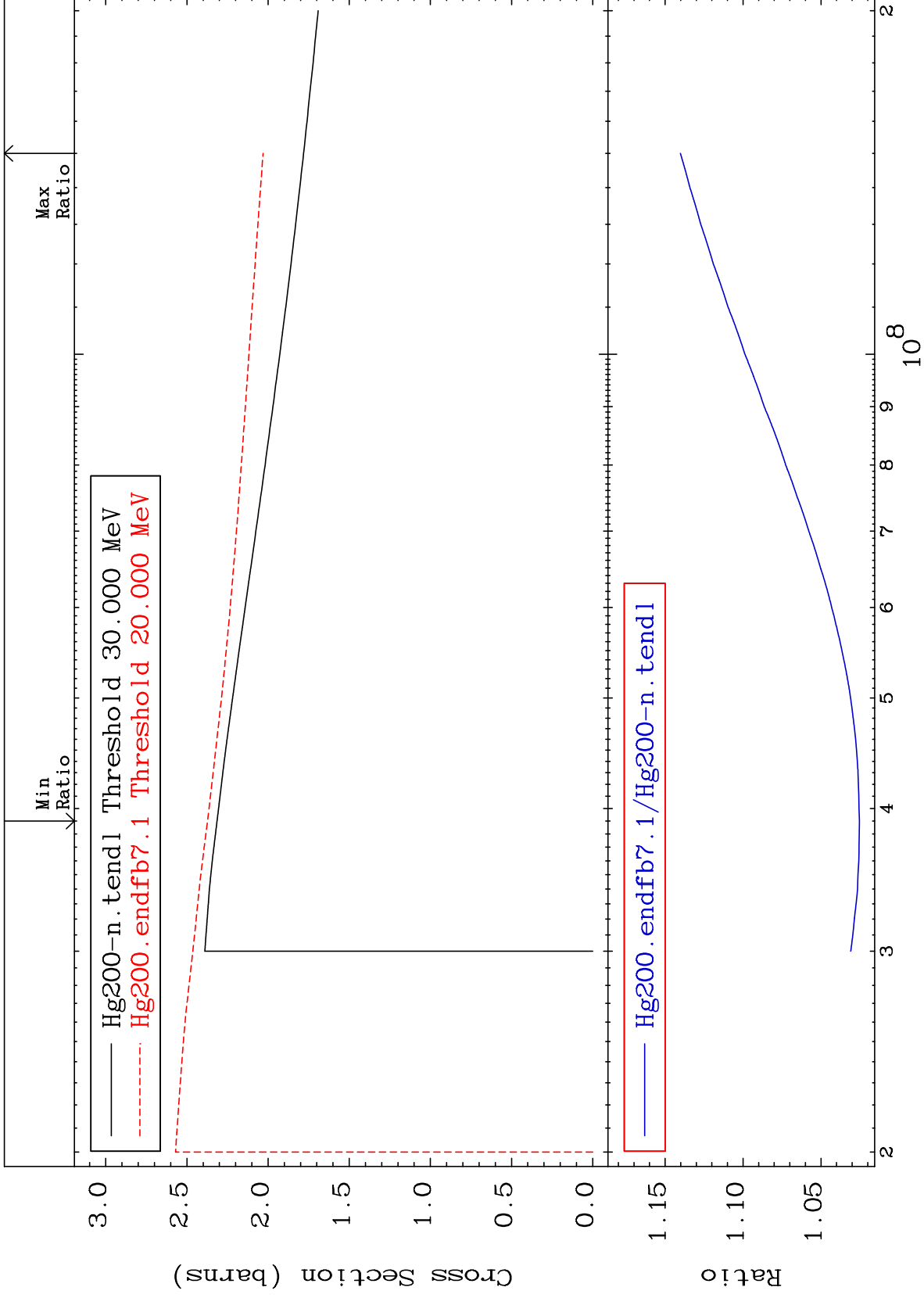
80-Hg-200
-100.0 To 60.06 %



MAT 8037

(n, remainder)
Cross Section

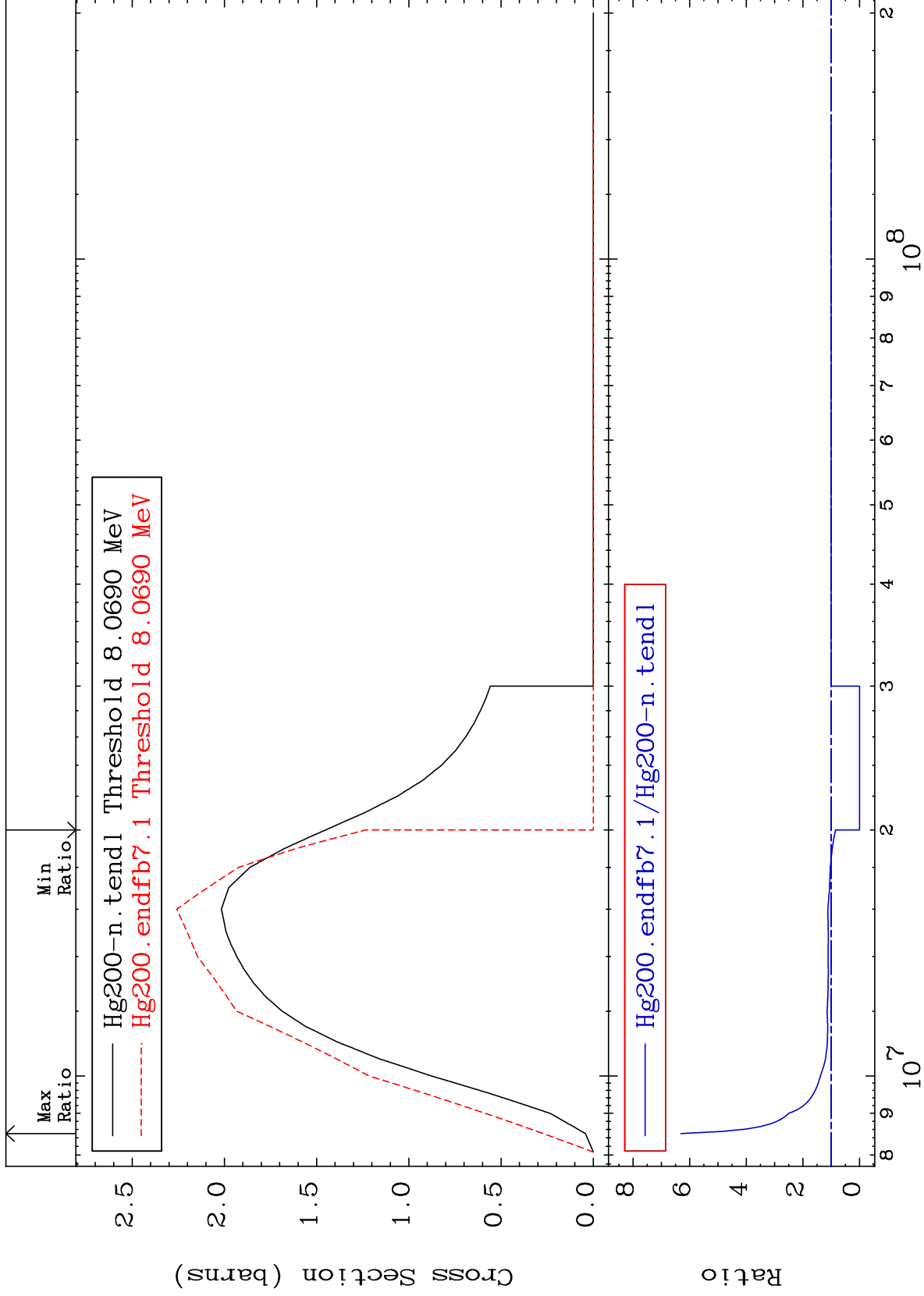
80-Hg-200
To 14.02 %
2.534



MAT 8037

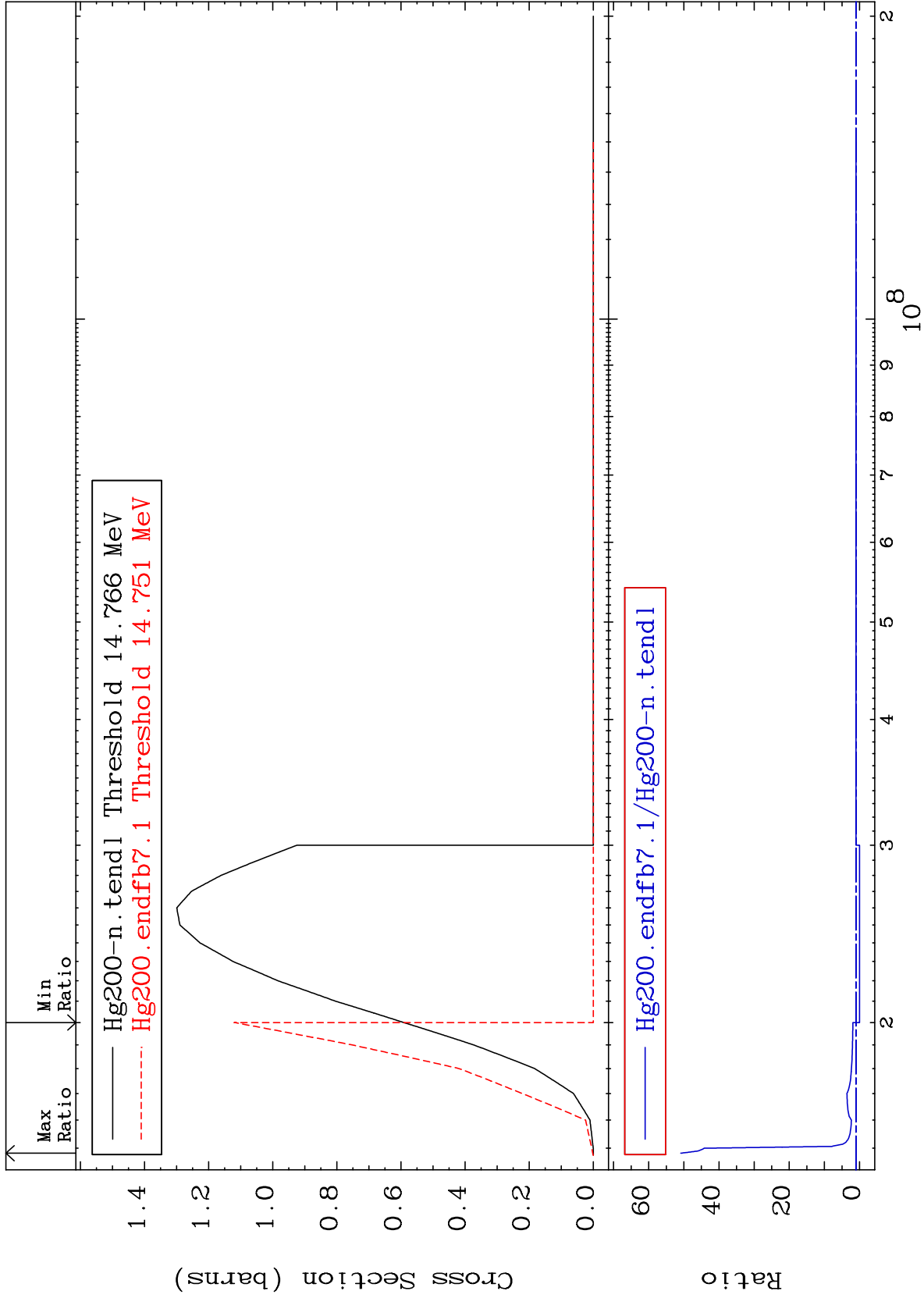
(n,2n)
Cross Section

80-Hg-200
-100.0 To 531.2 %



Incident Energy (eV)

80-Hg-200

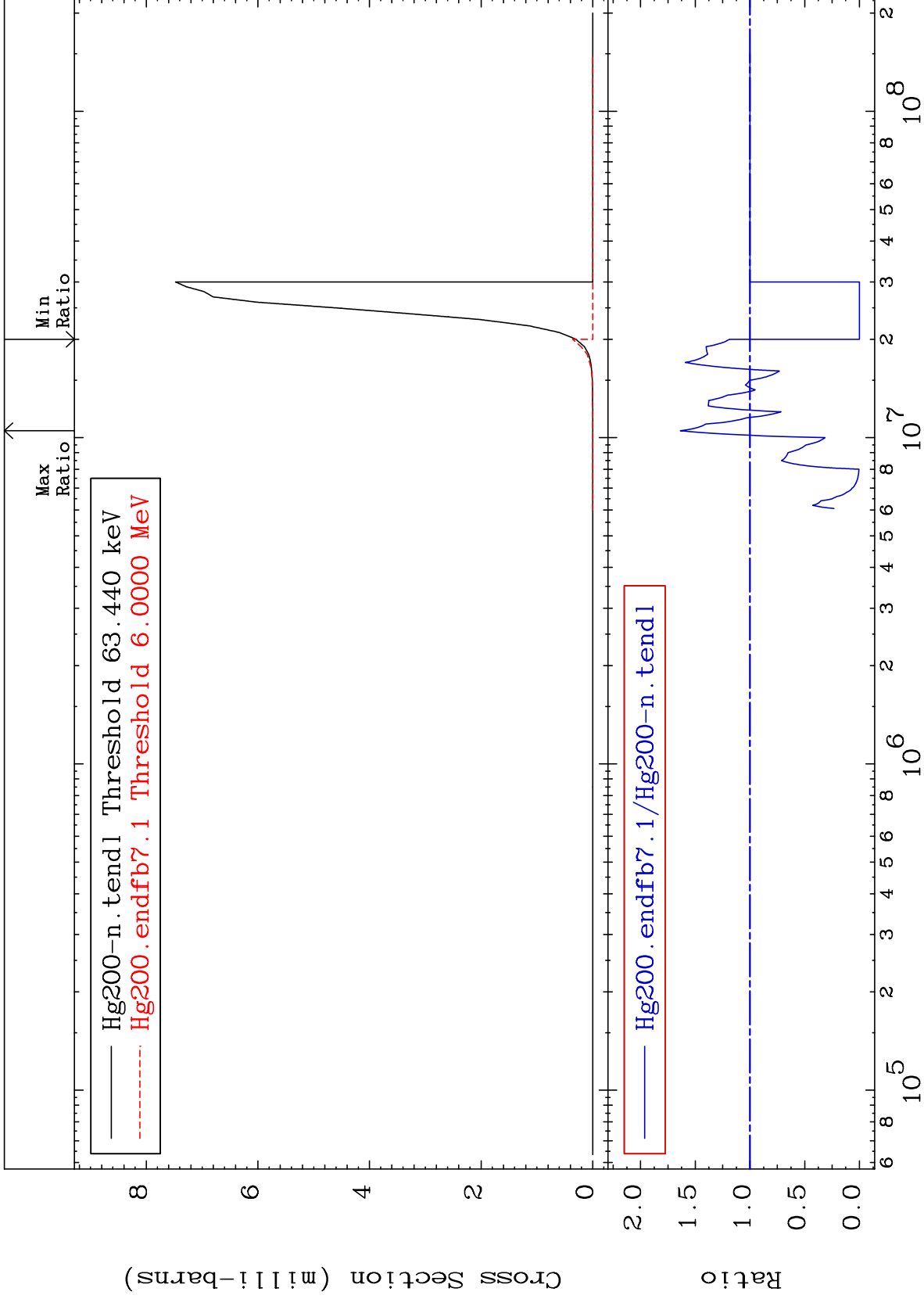


MAT 8037

(n, n') α

Cross Section

80-Hg-200
-100.0 To 63.63 %



7

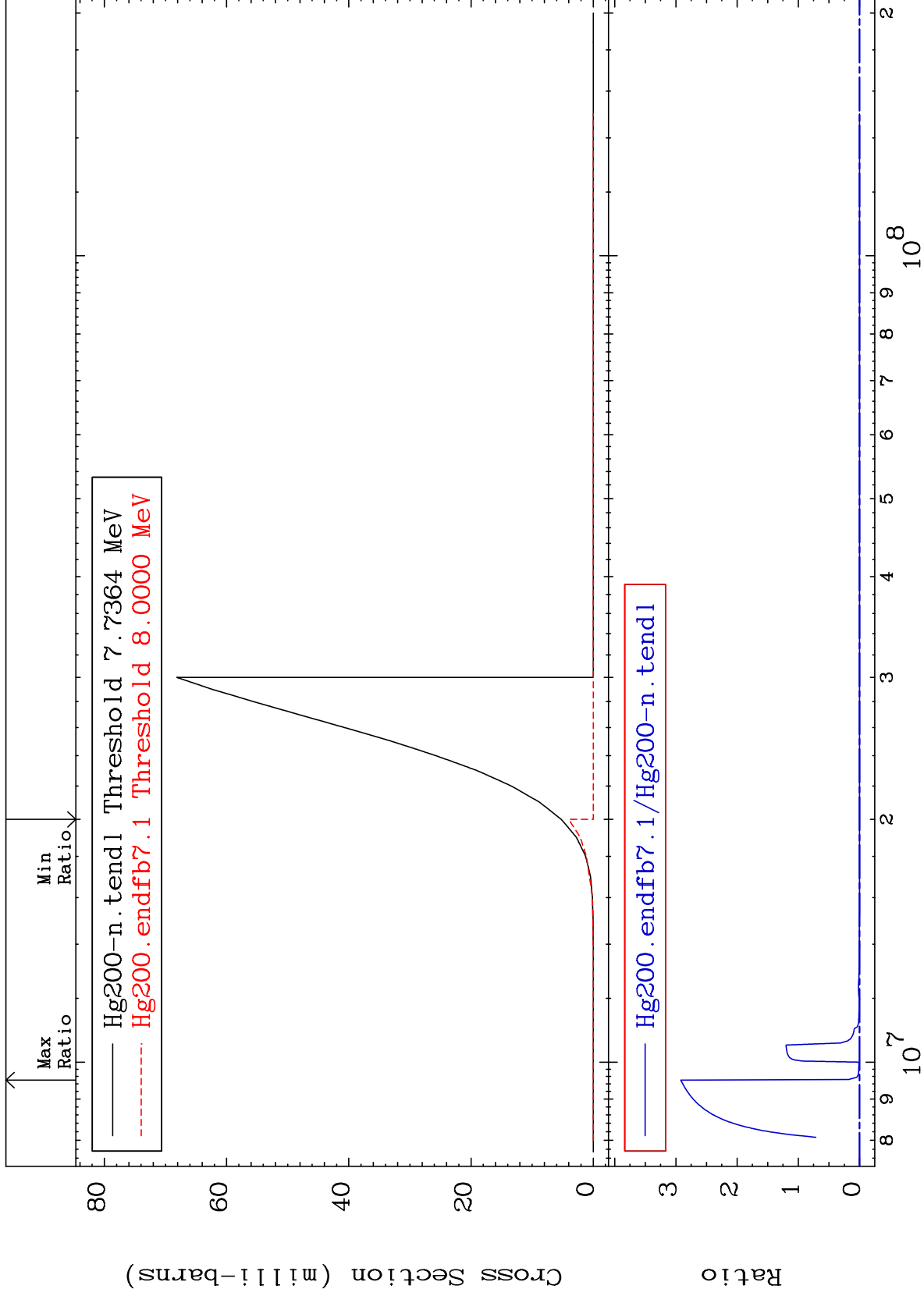
Incident Energy (eV)

80-Hg-200

MAT 8037

(n,n') p
Cross Section

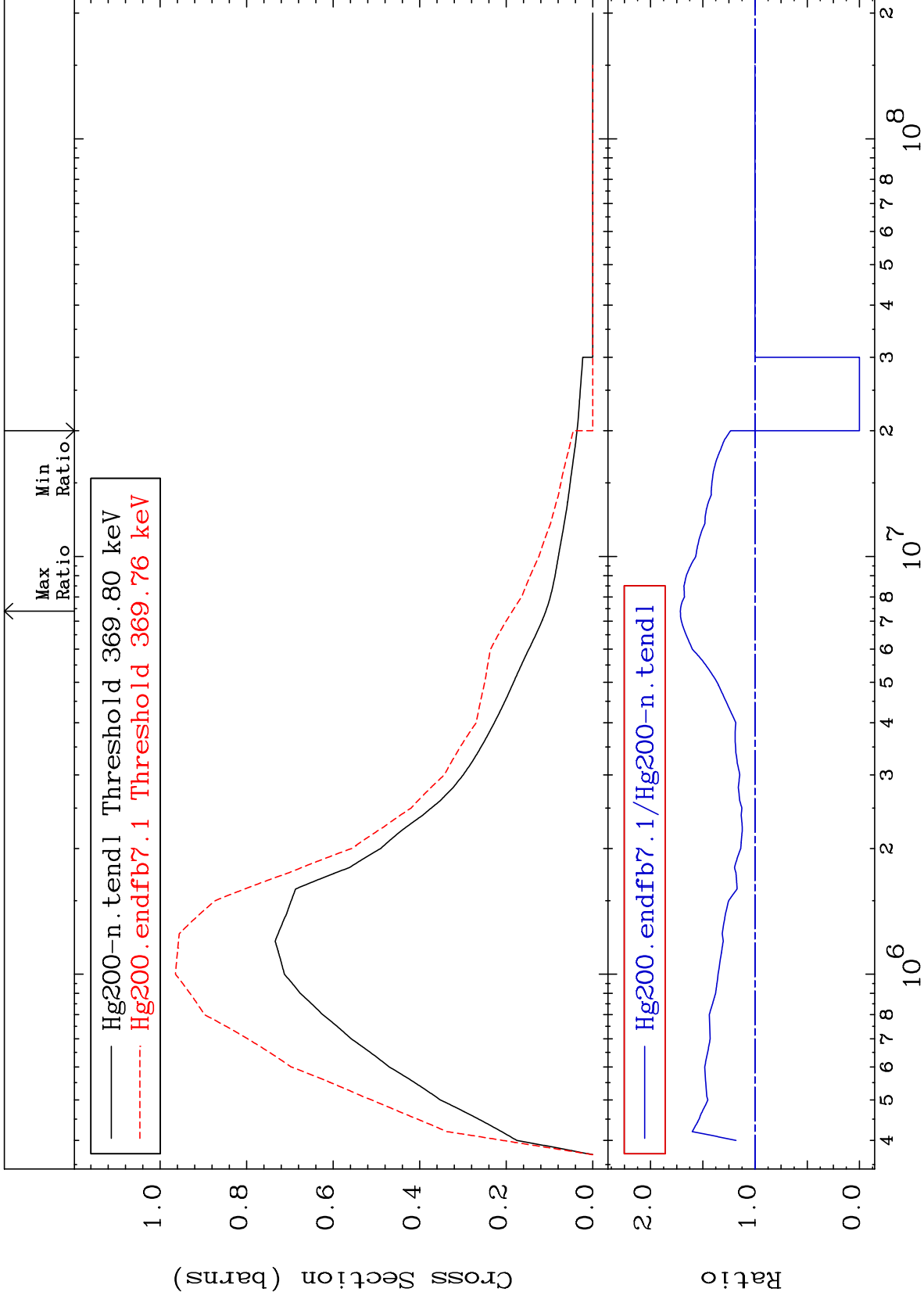
80-Hg-200
-100.0 To 9999. %



MAT 8037

367.9 keV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 71.47 %



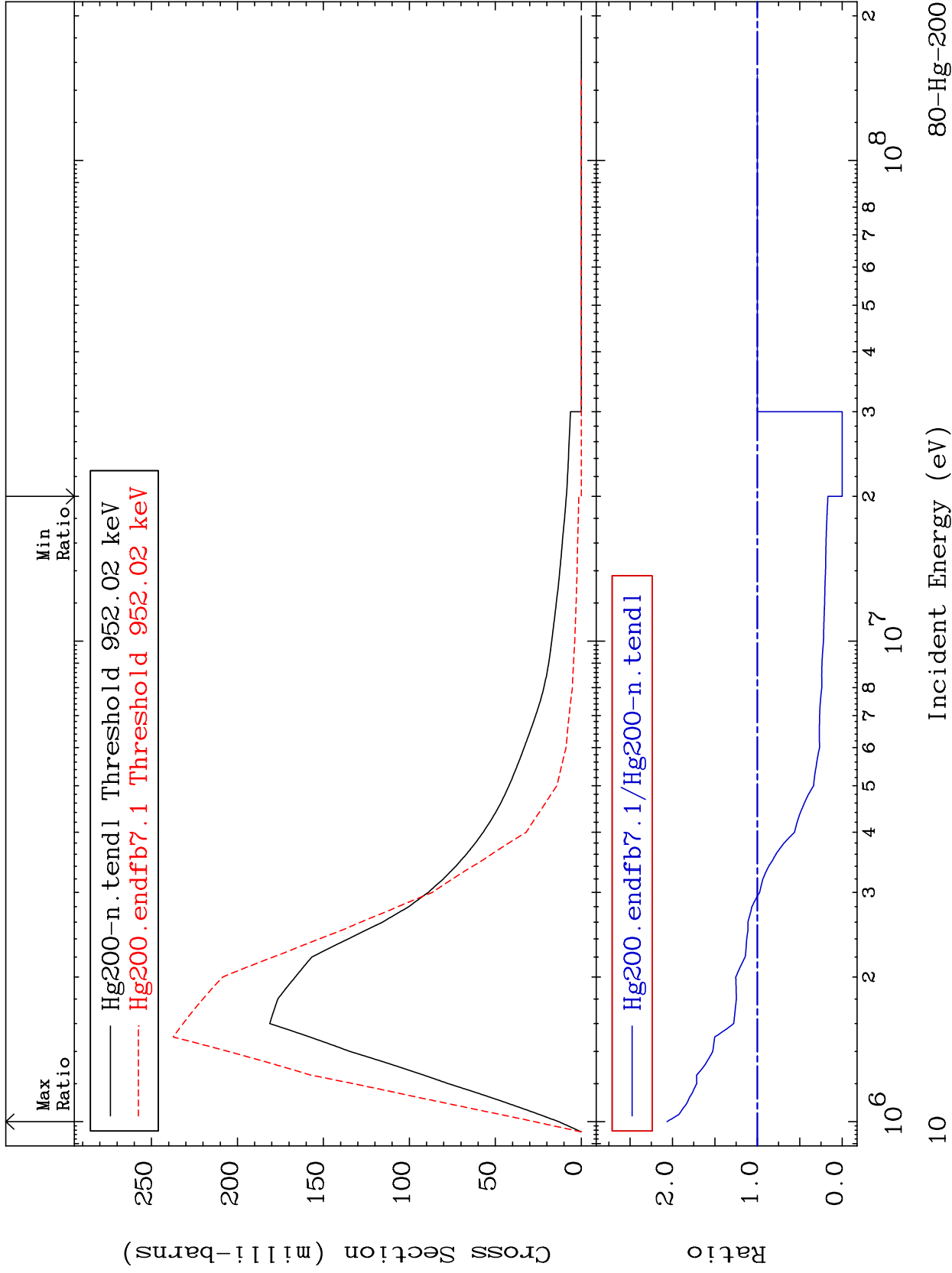
MAT 8037

947.2 keV (n,n') Level

80-Hg-200

Cross Section

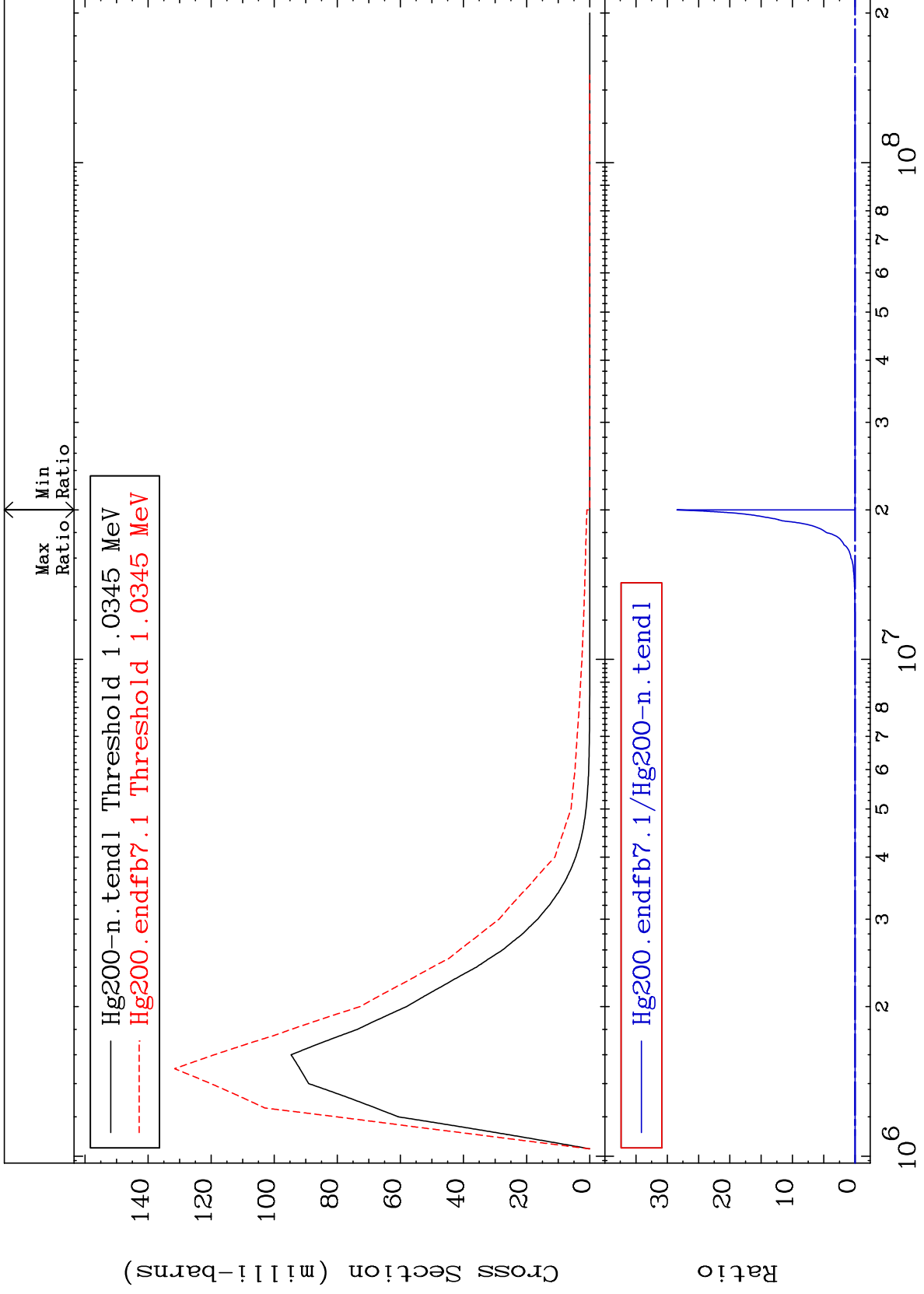
-100.0 To 106.4 %



MAT 8037

1.029 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 9999. %



11

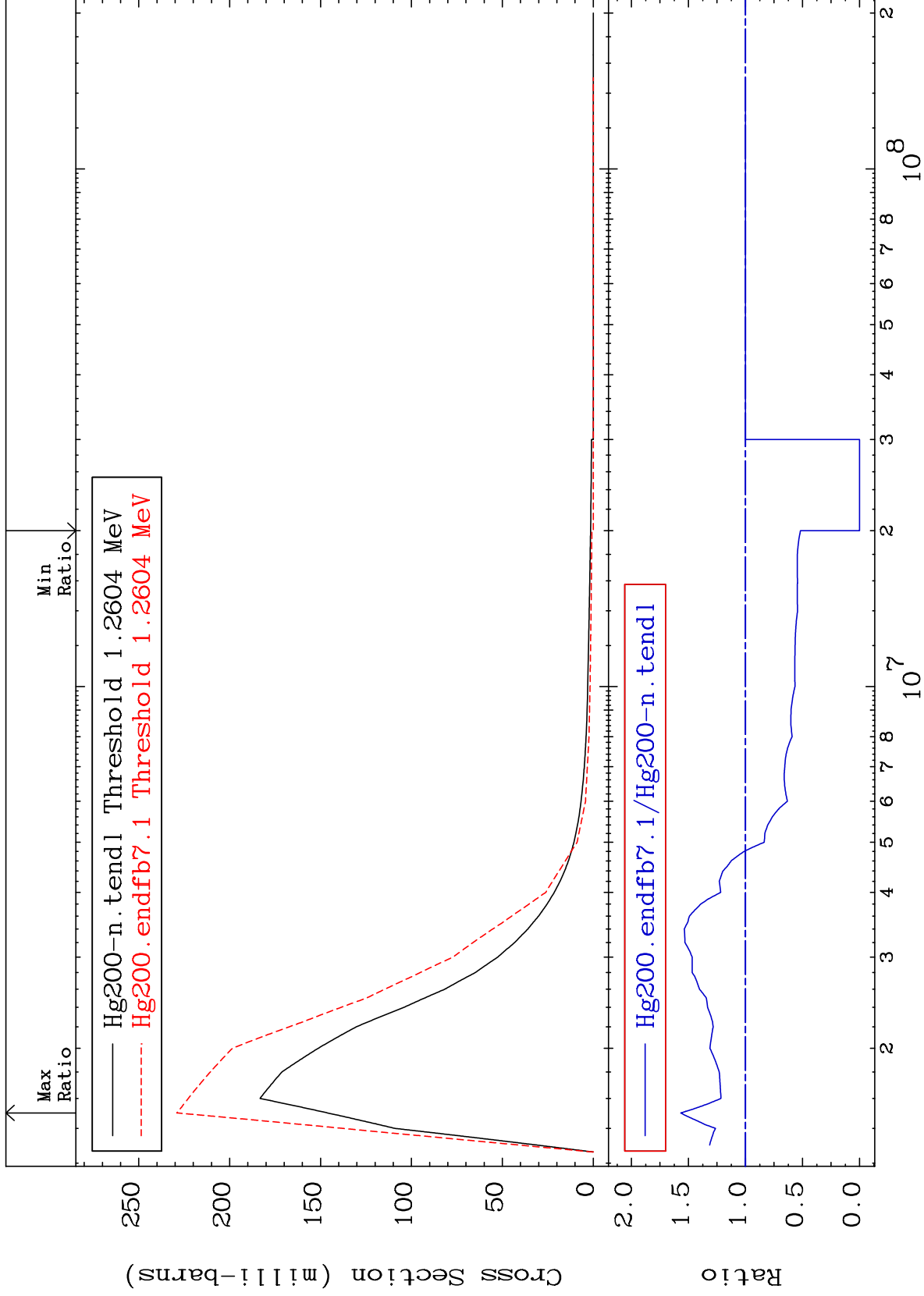
Incident Energy (eV)

80-Hg-200

MAT 8037

1.254 MeV (n,n') Level
Cross Section

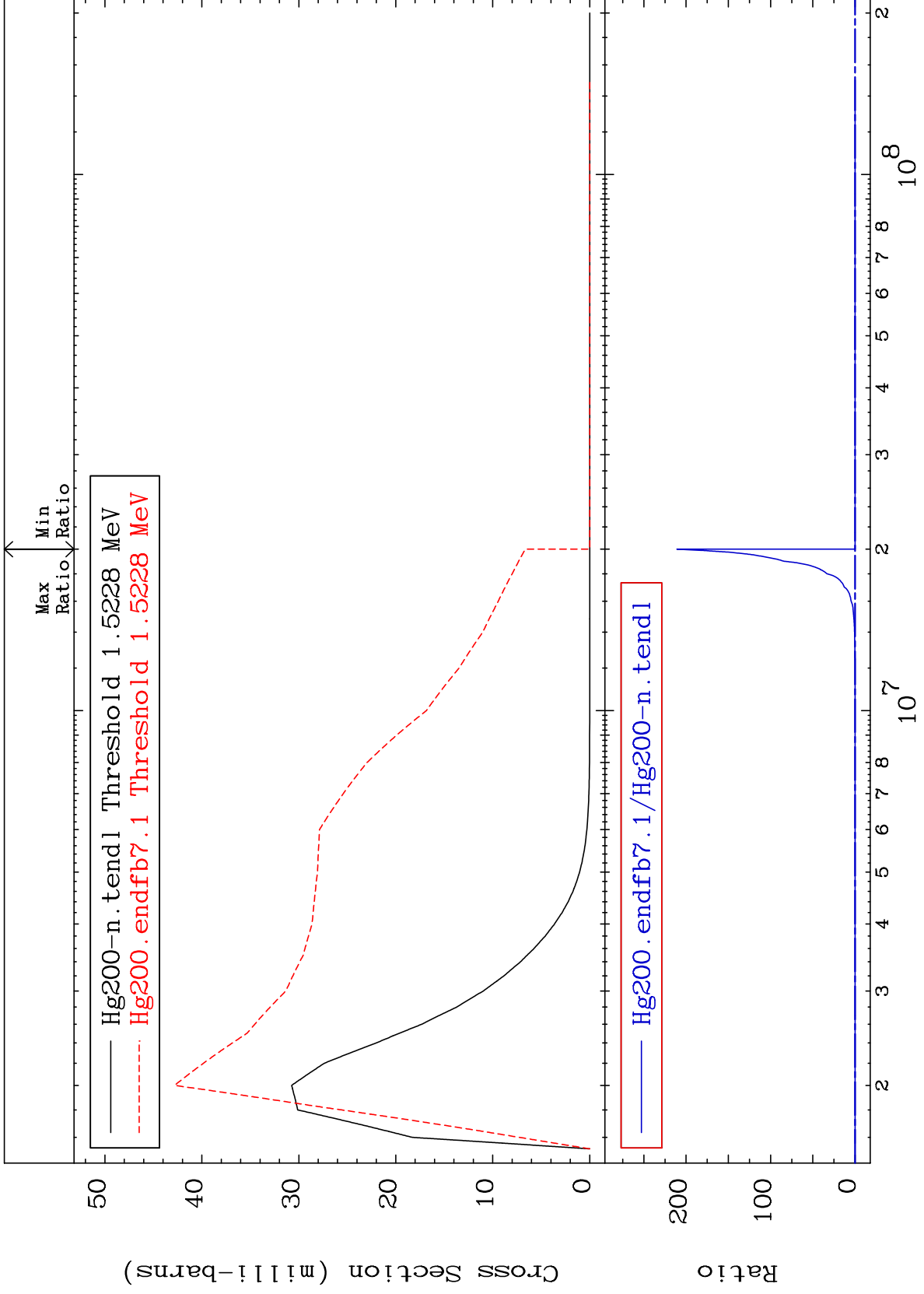
80-Hg-200
-100.0 To 56.75 %



MAT 8037

1.515 MeV (n,n') Level
Cross Section

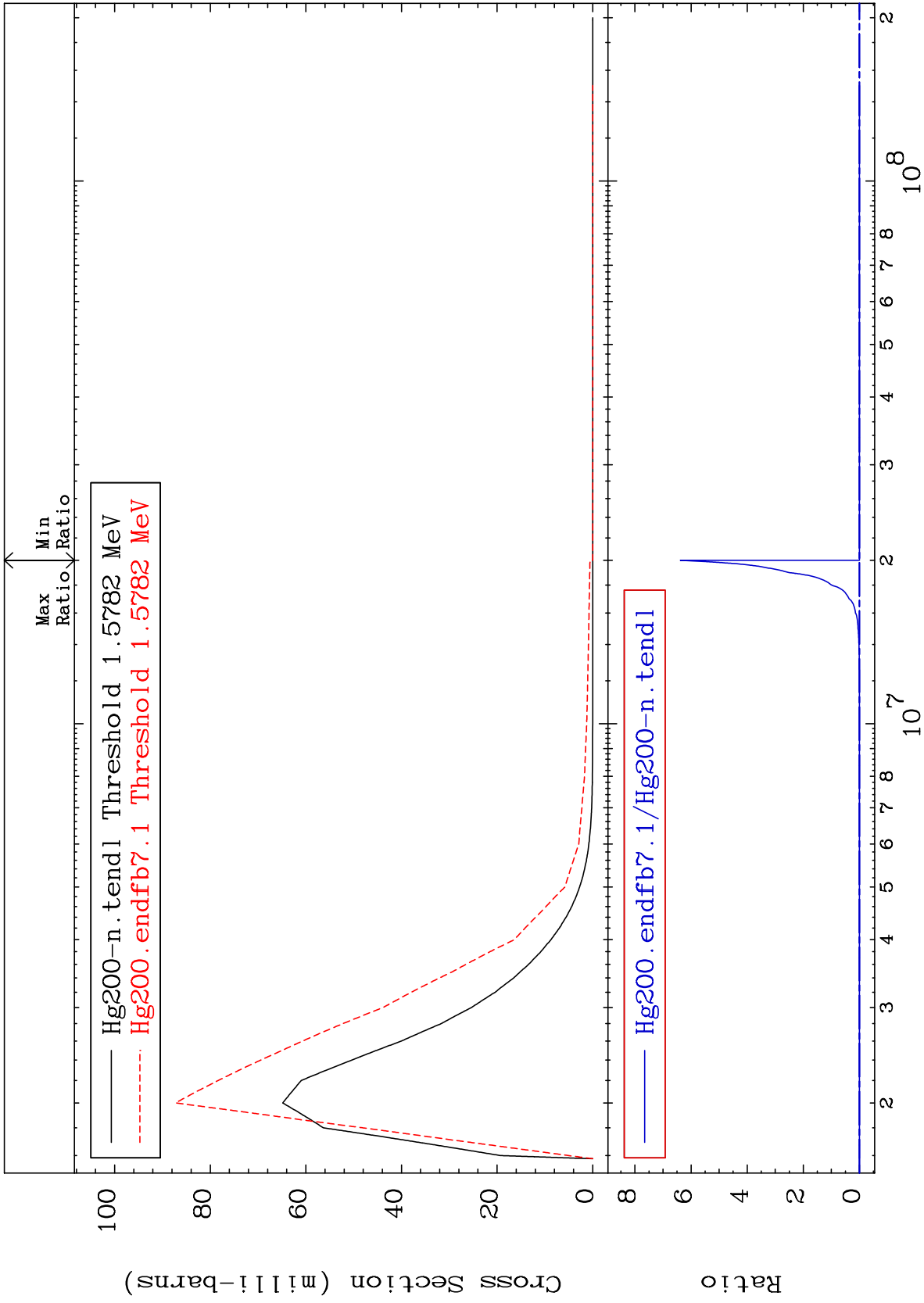
80-Hg-200
-100.0 To 9999. %



MAT 8037

1.570 MeV (n,n') Level
Cross Section

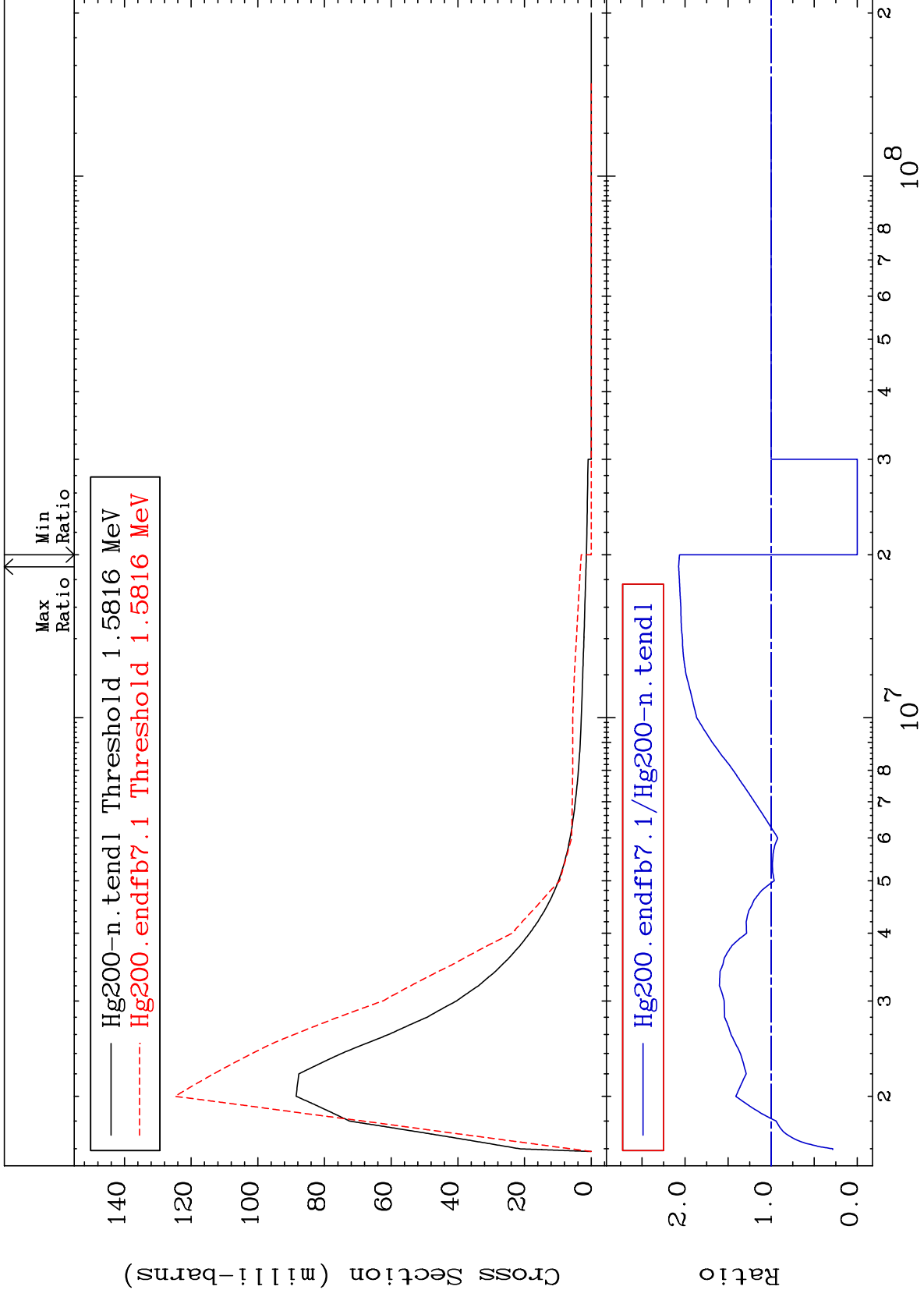
80-Hg-200
-100.0 To 9999. %



MAT 8037

1.574 MeV (n,n') Level
Cross Section

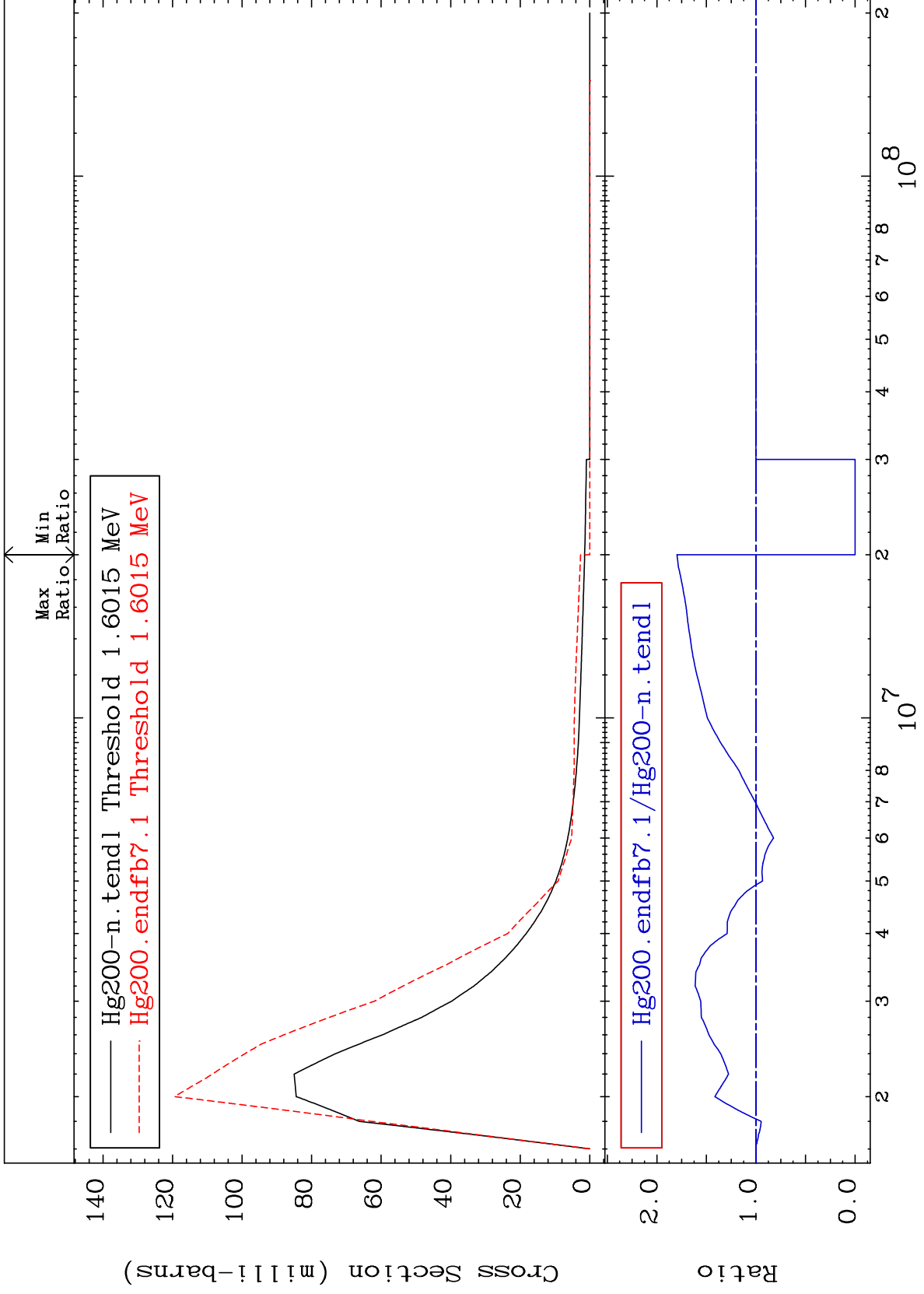
80-Hg-200
-100.0 To 107.5 %



MAT 8037

1.593 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 79.76 %



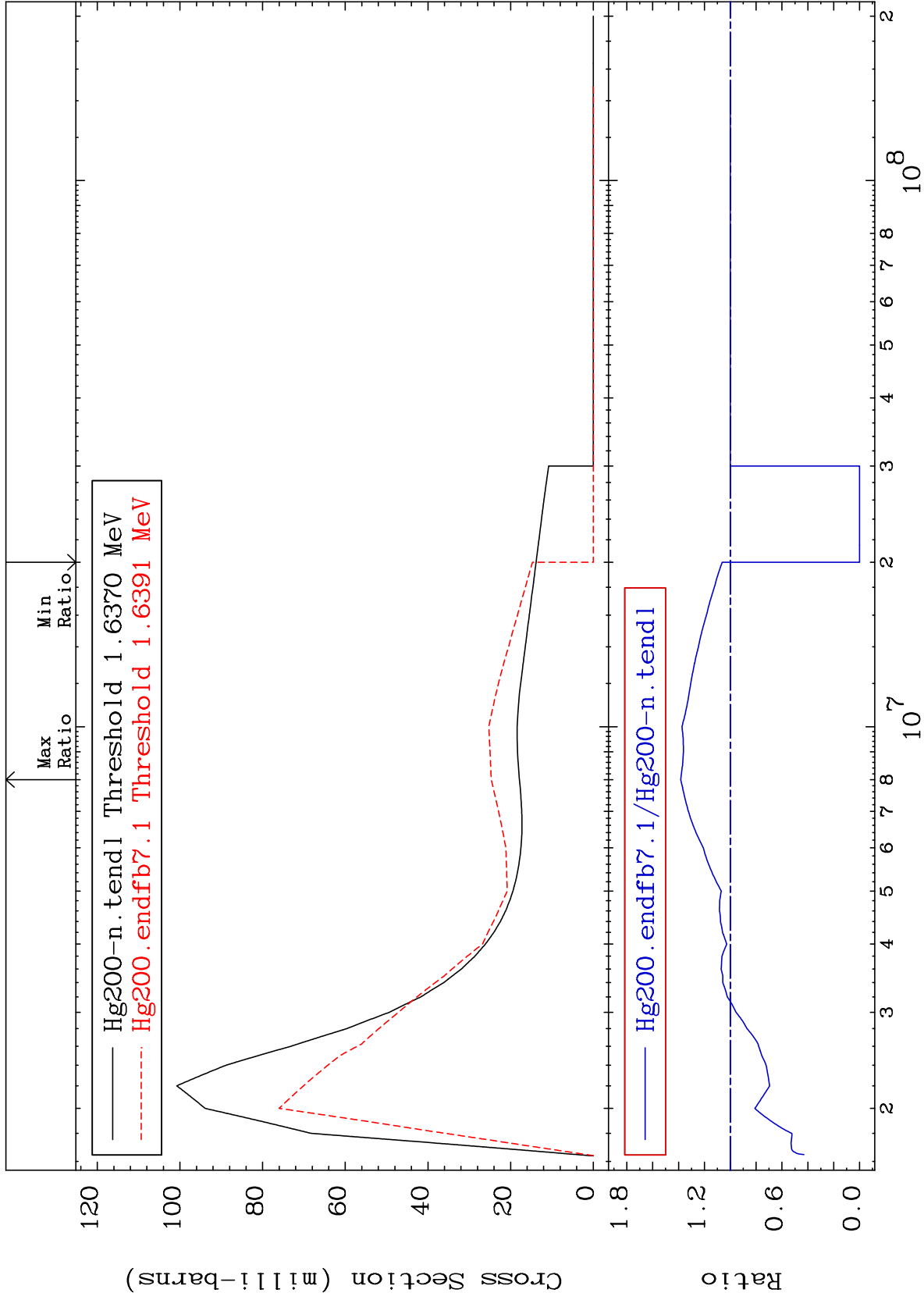
MAT 8037

1.629 MeV (n,n') Level

80-Hg-200

-100.0 To 38.29 %

Cross Section

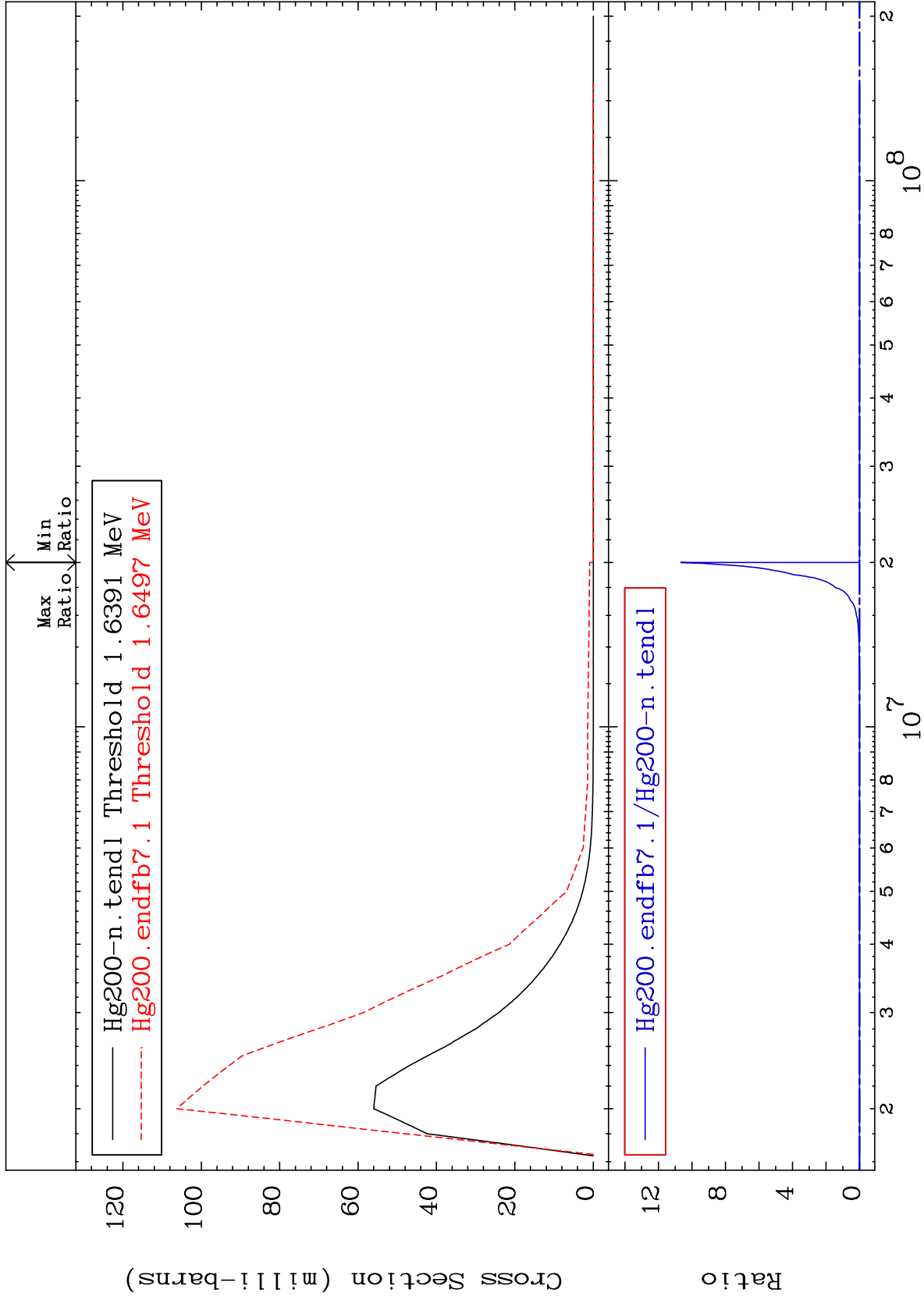


MAT 8037

1.631 MeV (n,n') Level

80-Hg-200

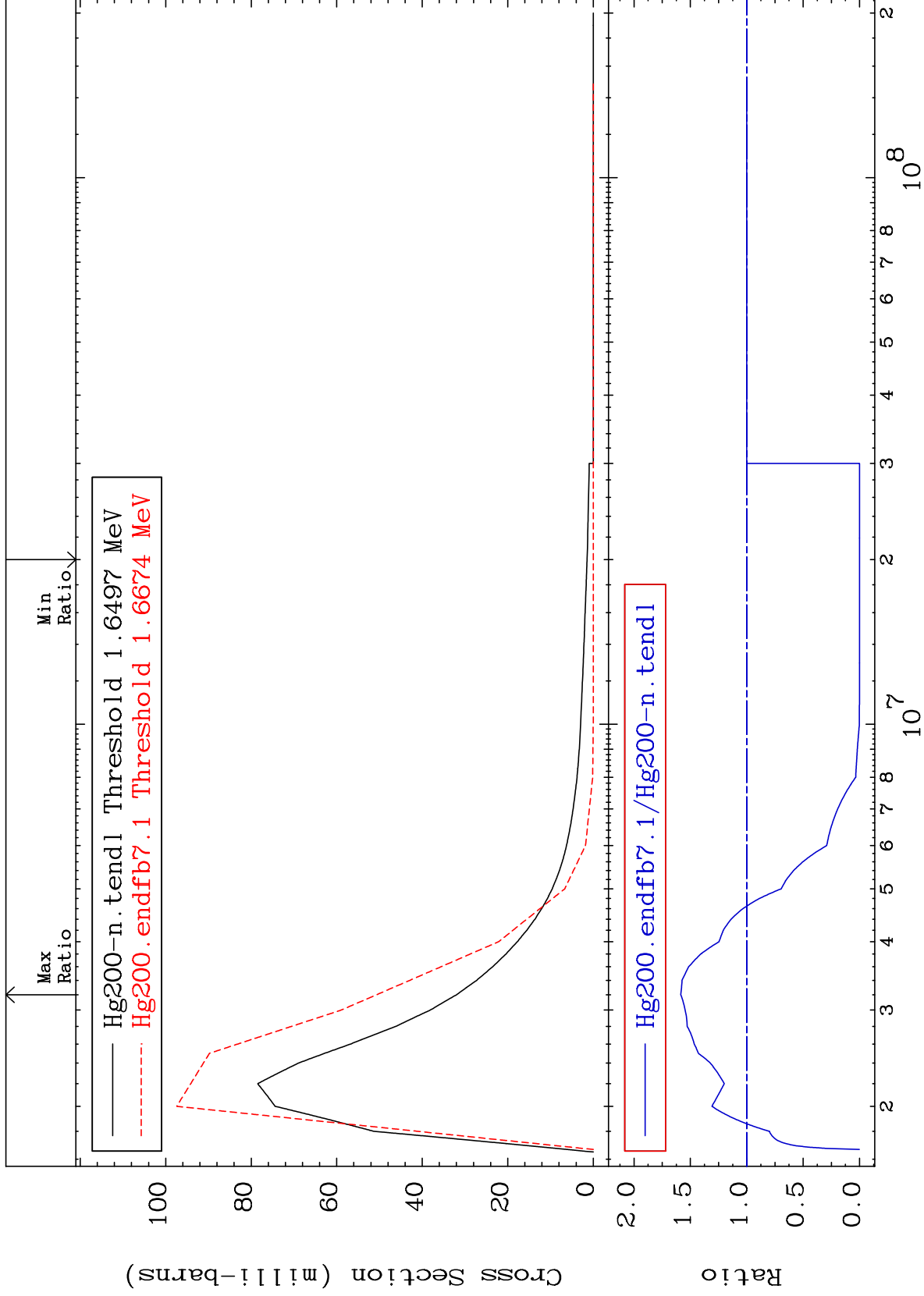
-100.0 To 9999. %



MAT 8037

1.641 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 58.53 %



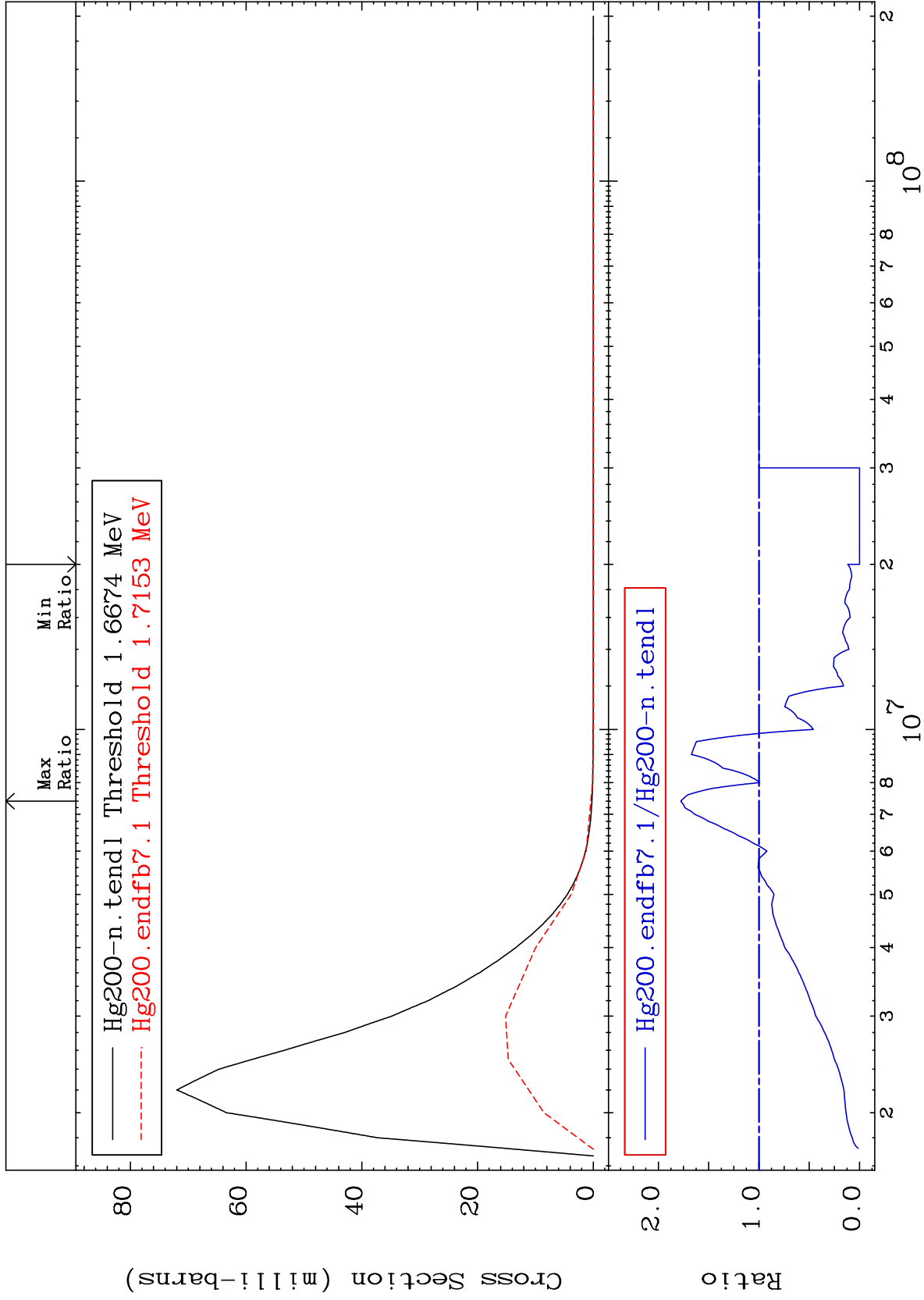
MAT 8037

1.659 MeV (n,n') Level

80-Hg-200

-100.0 To 77.71 %

Cross Section



20

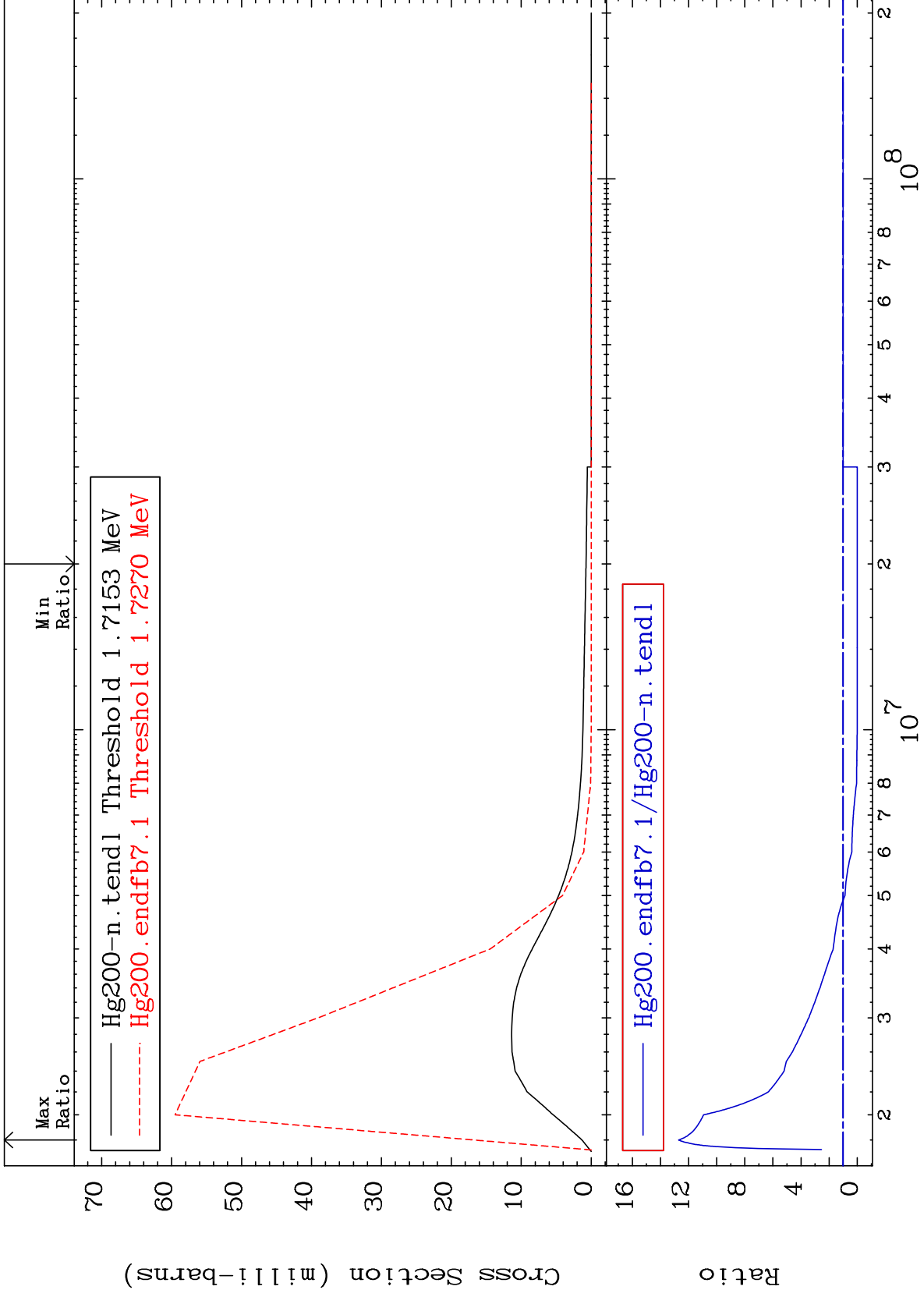
Incident Energy (eV)

80-Hg-200

MAT 8037

1.707 MeV (n,n') Level
Cross Section

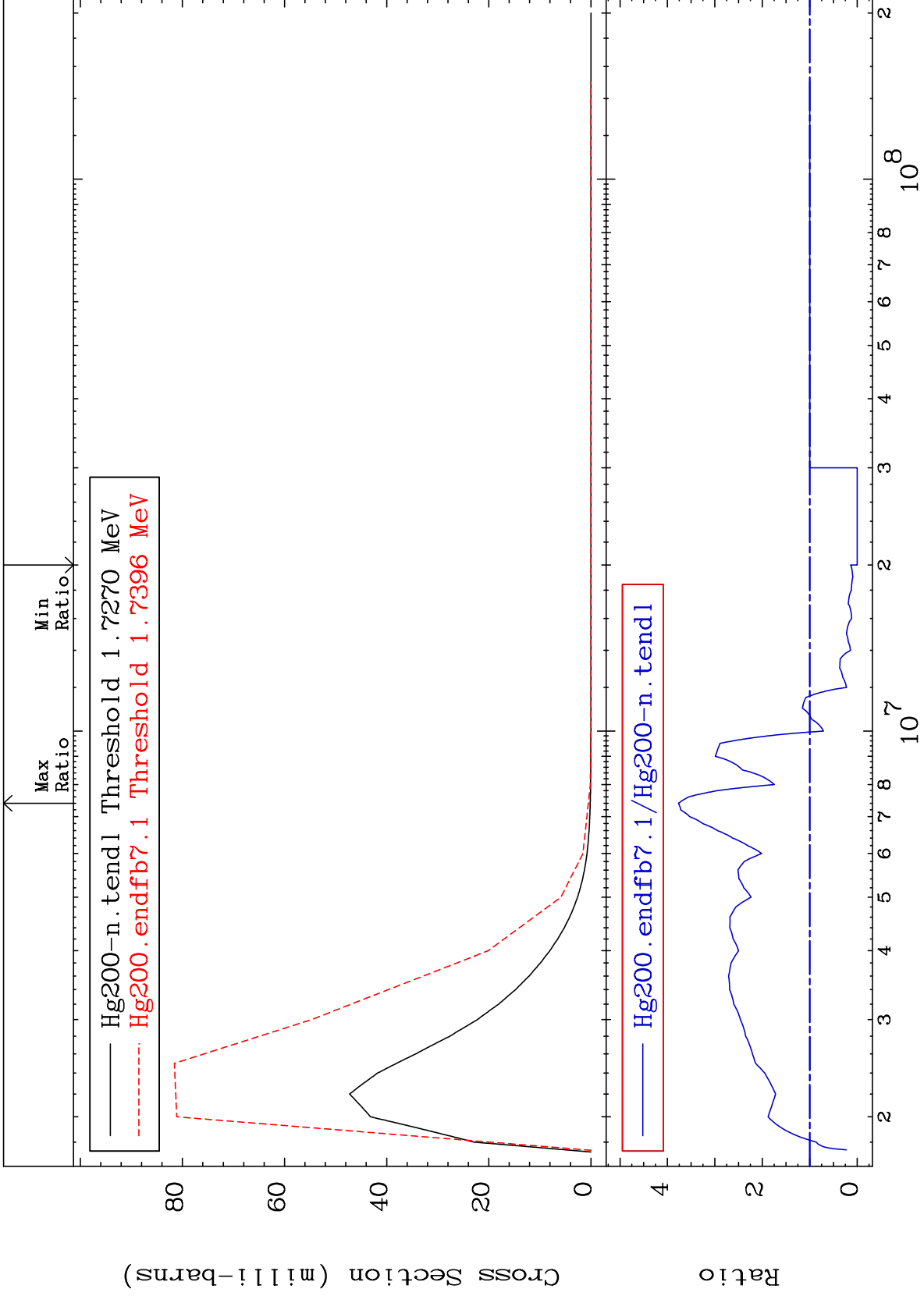
80-Hg-200
-100.0 To 1171. %



MAT 8037

1.718 MeV (n,n') Level
Cross Section

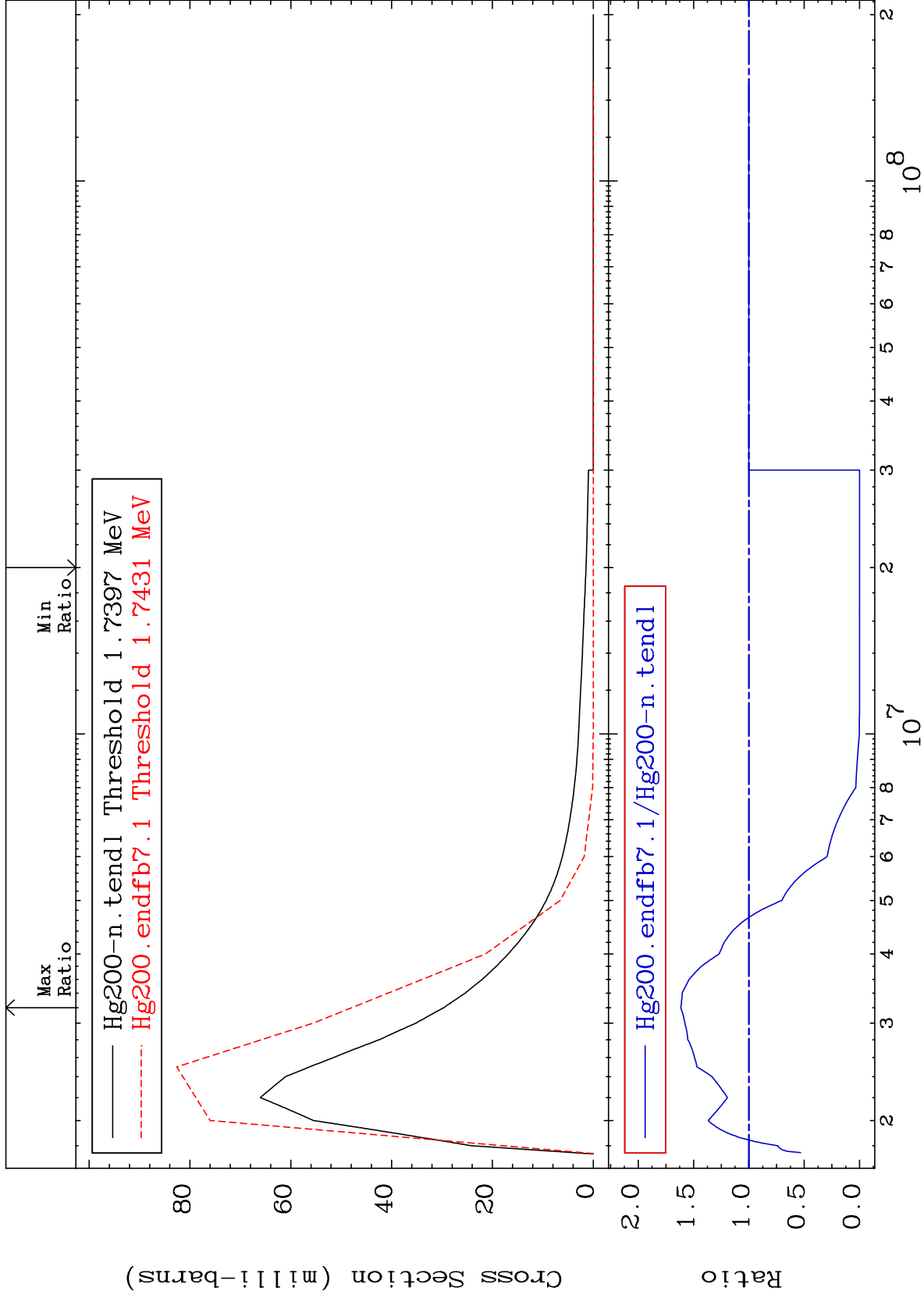
80-Hg-200
-100.0 To 276.8 %



MAT 8037

1.731 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 61.56 %



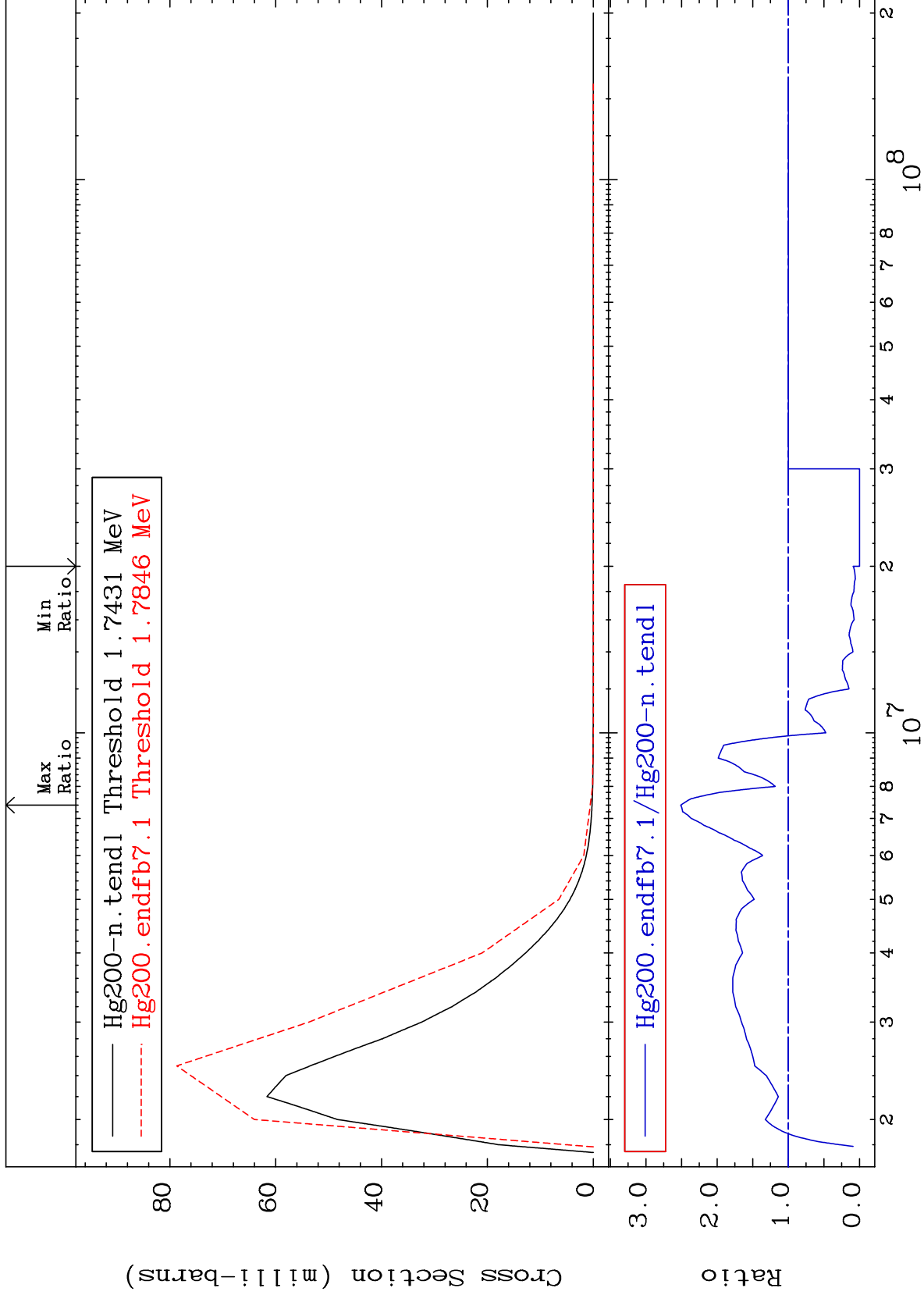
MAT 8037

1.734 MeV (n,n') Level

80-Hg-200

-100.0 To 151.0 %

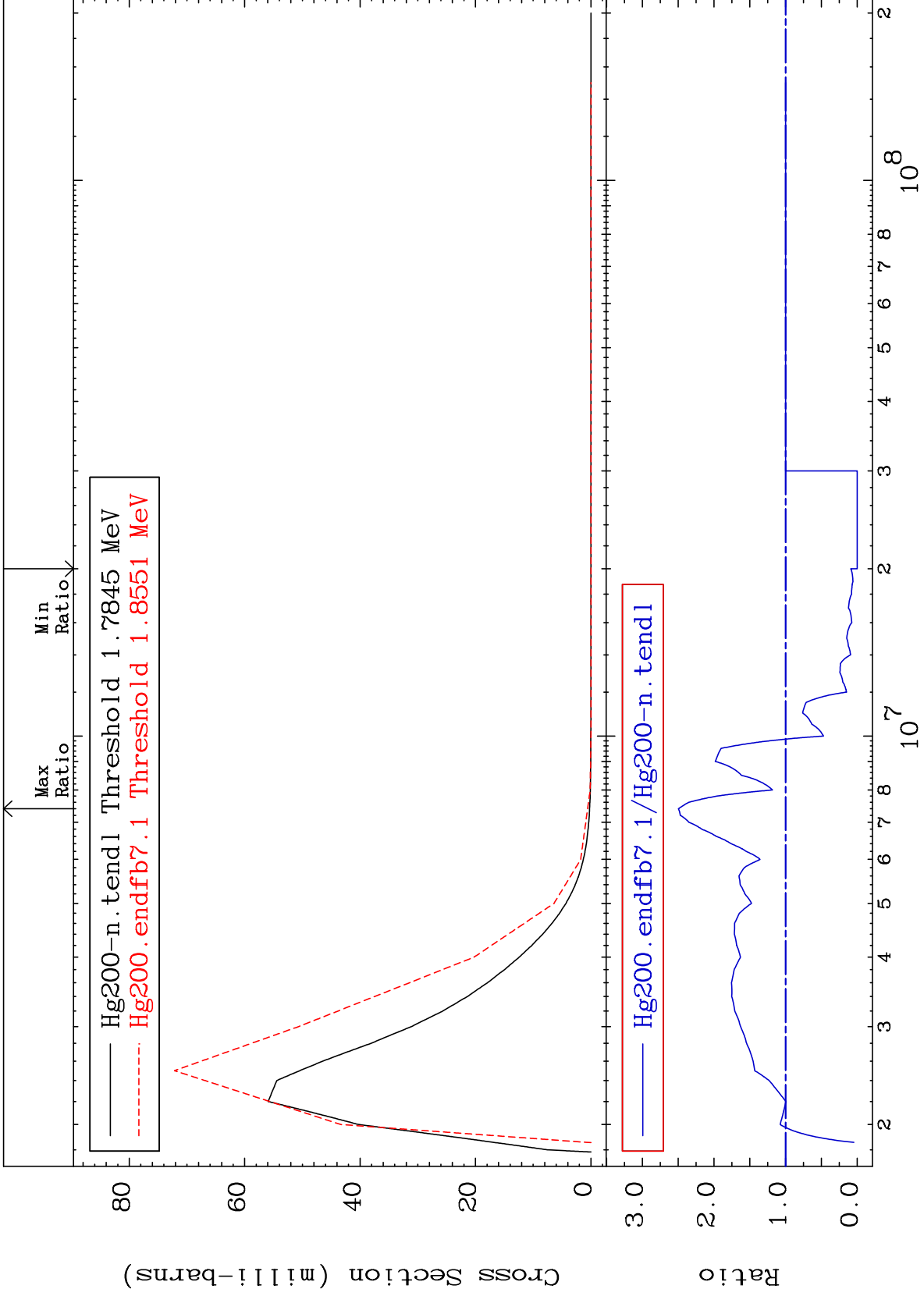
Cross Section



MAT 8037

1.776 MeV (n,n') Level
Cross Section

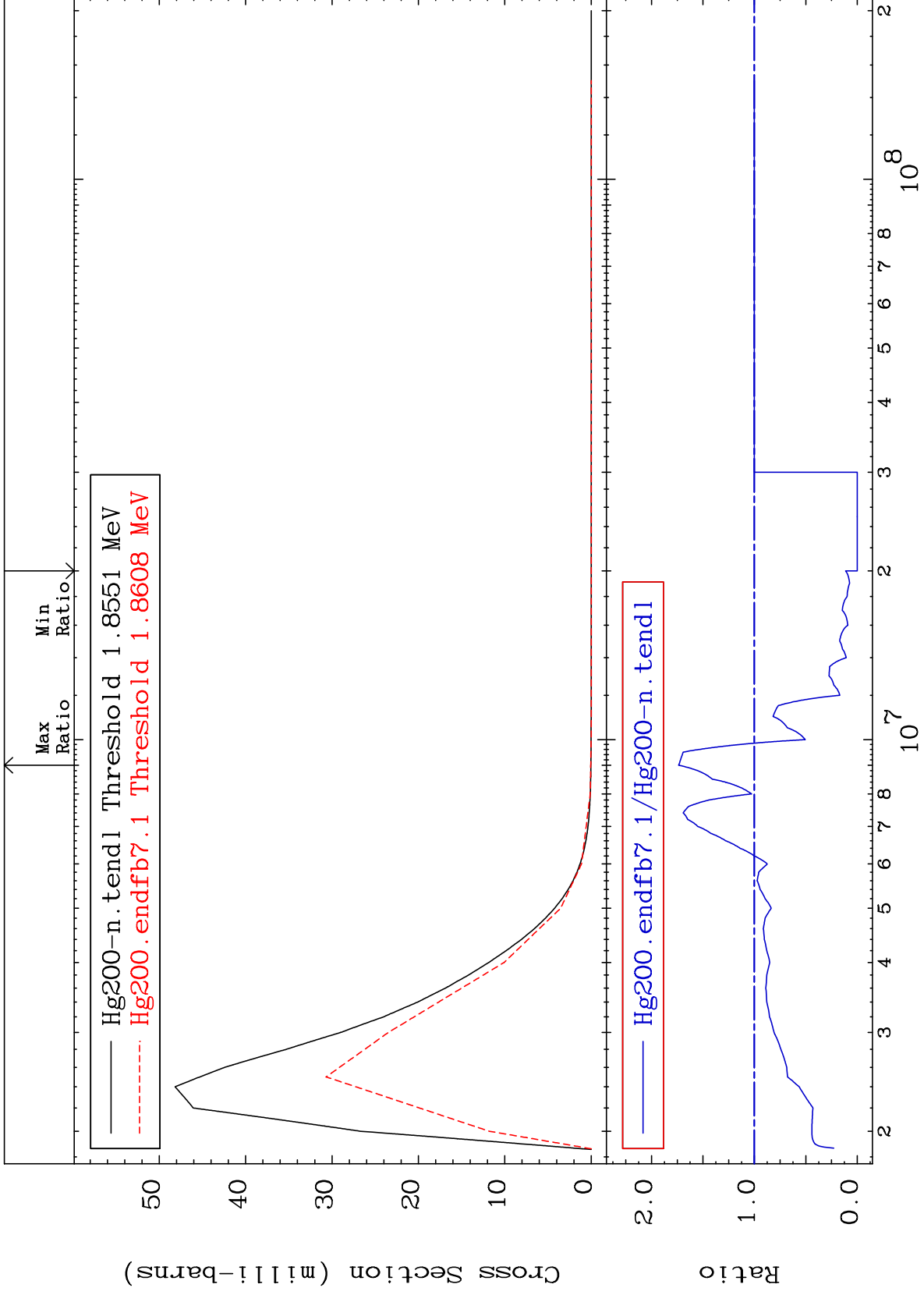
80-Hg-200
-100.0 To 149.6 %



MAT 8037

1.846 MeV (n,n') Level
Cross Section

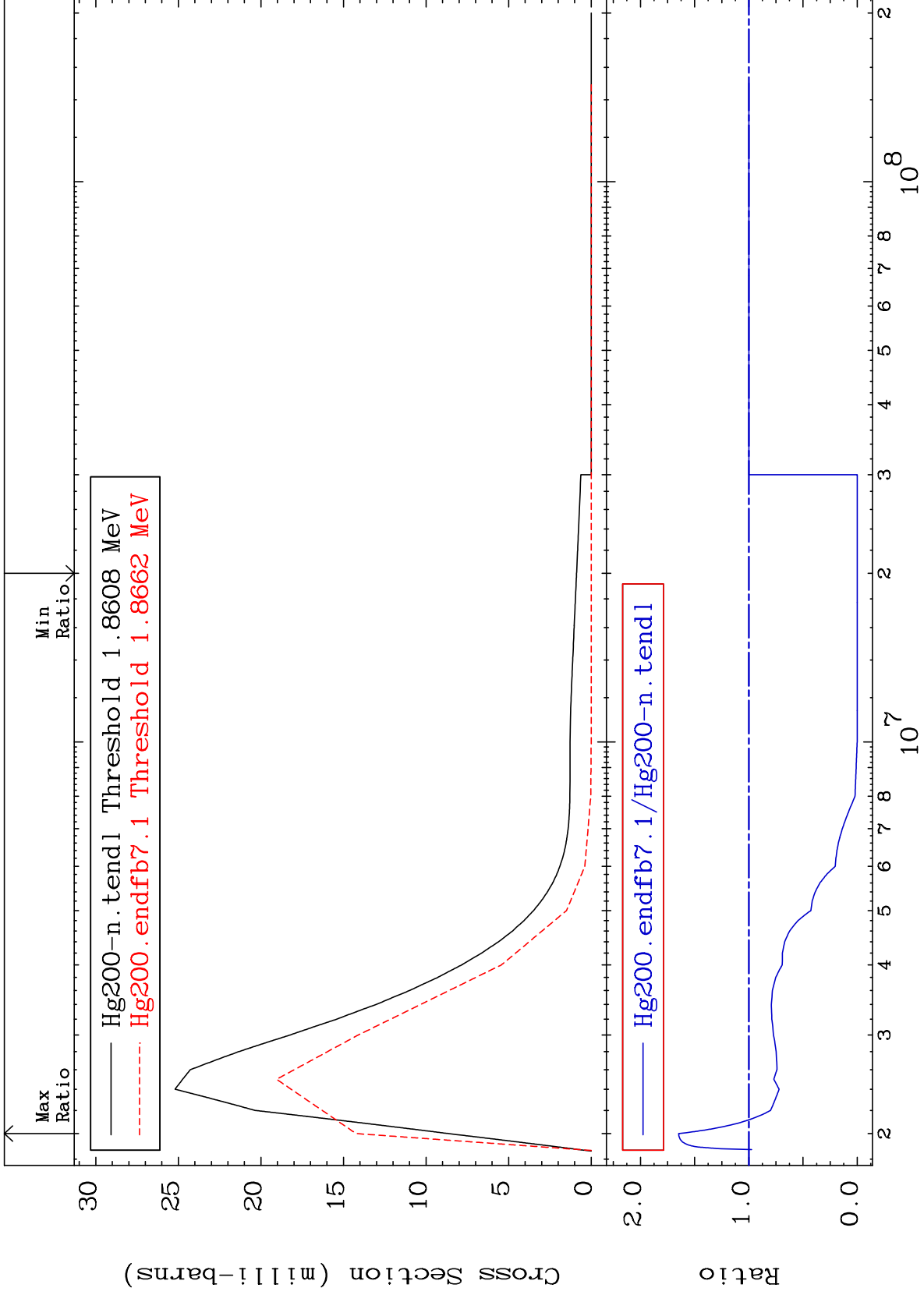
80-Hg-200
-100.0 To 73.64 %



MAT 8037

1.851 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 64.77 %



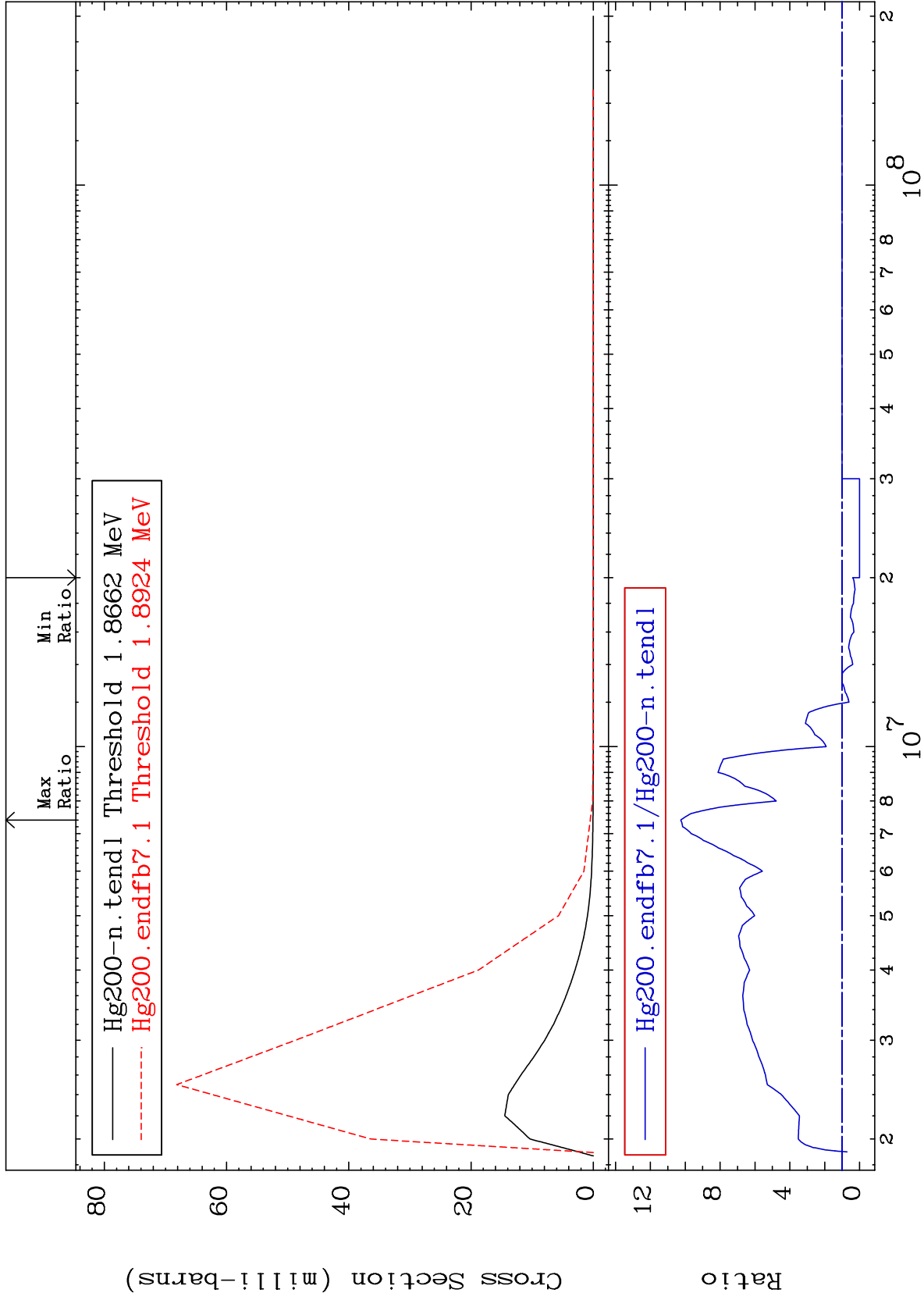
MAT 8037

1.857 MeV (n,n') Level

80-Hg-200

-100.0 To 925.7 %

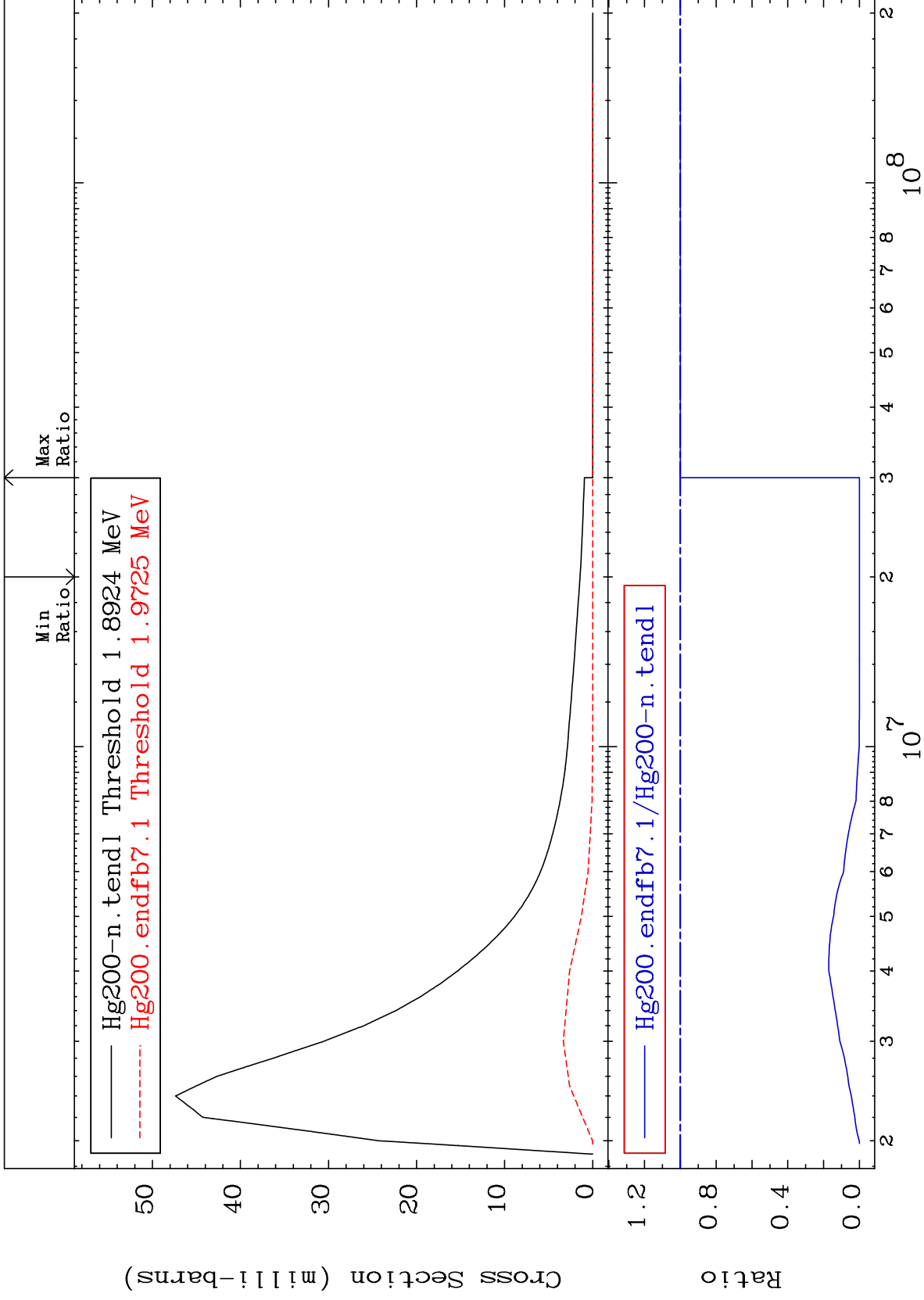
Cross Section



MAT 8037

1.883 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 0.000 %



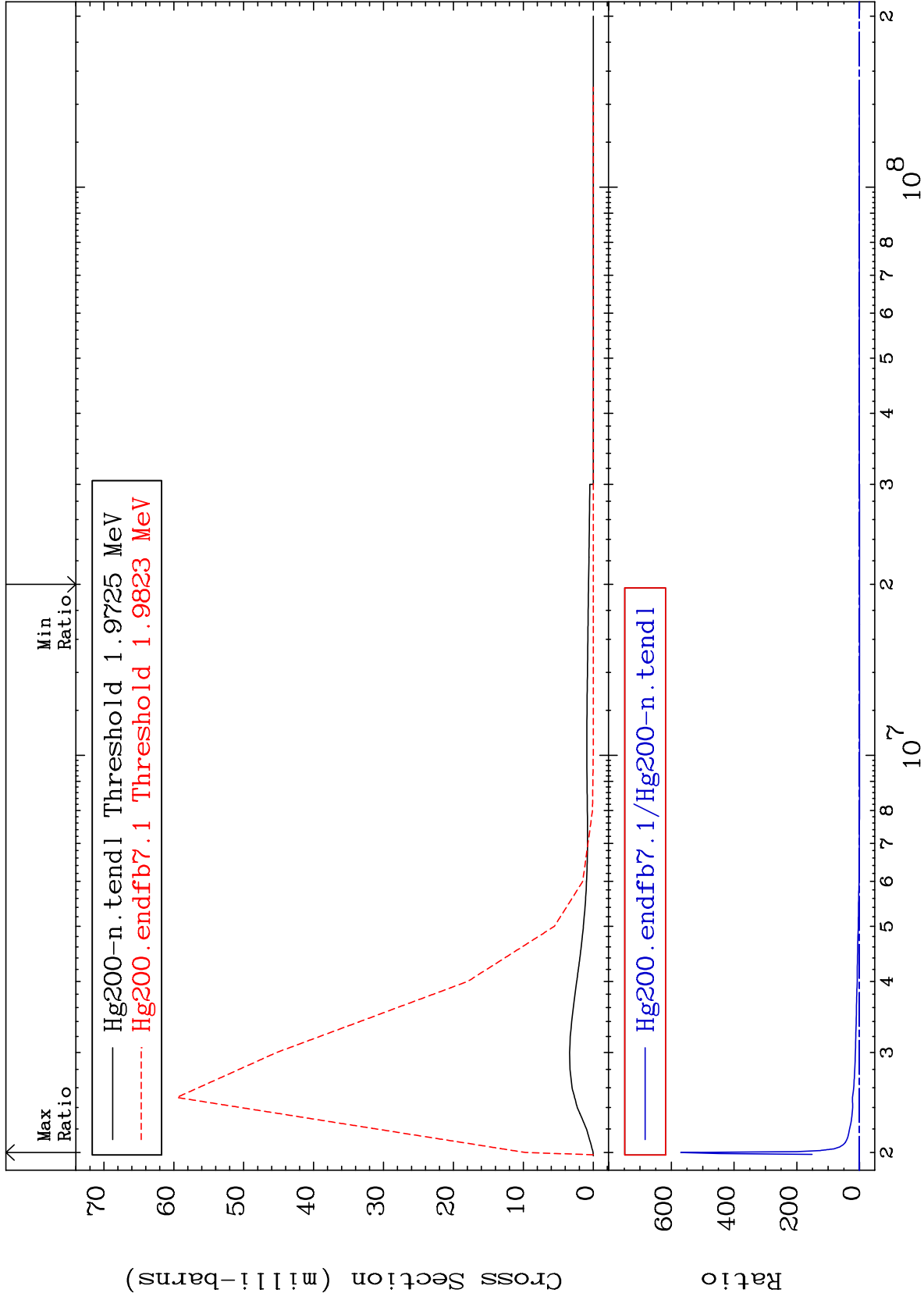
MAT 8037

1.963 MeV (n,n') Level

80-Hg-200

-100.0 To 9999. %

Cross Section



30

Incident Energy (eV)

80-Hg-200

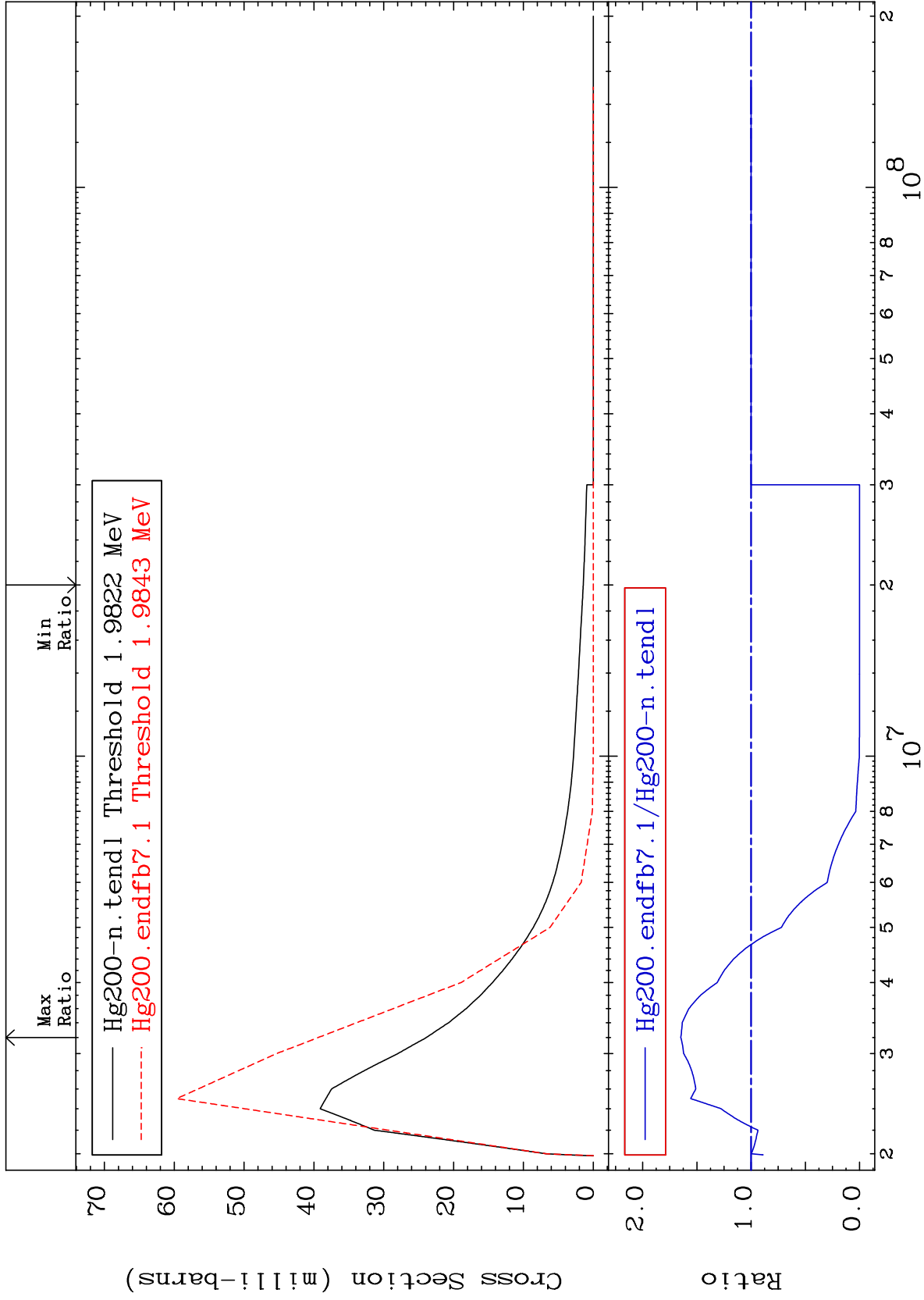
MAT 8037

1.972 MeV (n,n') Level

80-Hg-200

-100.0 To 64.85 %

Cross Section



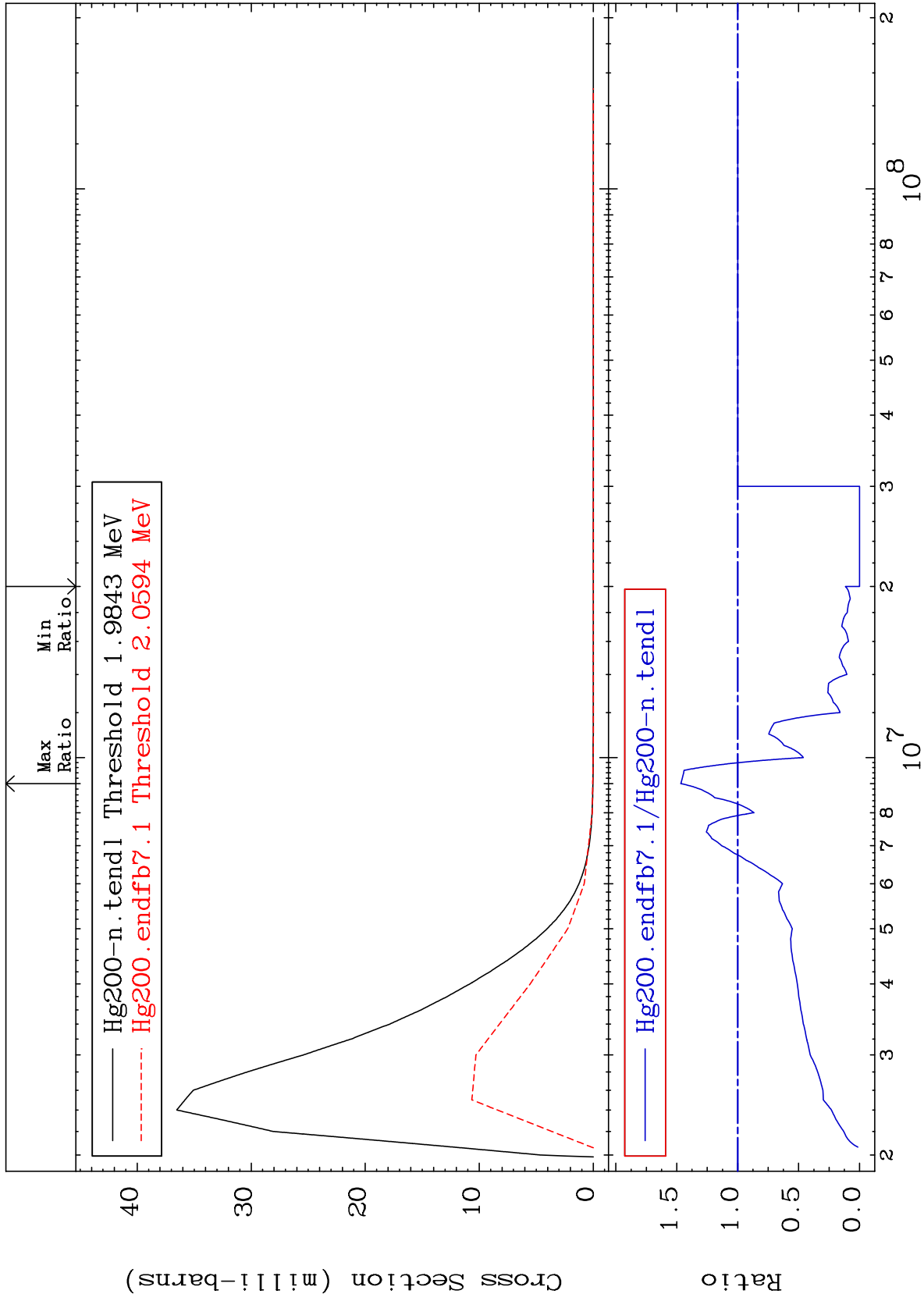
MAT 8037

1.974 MeV (n,n') Level

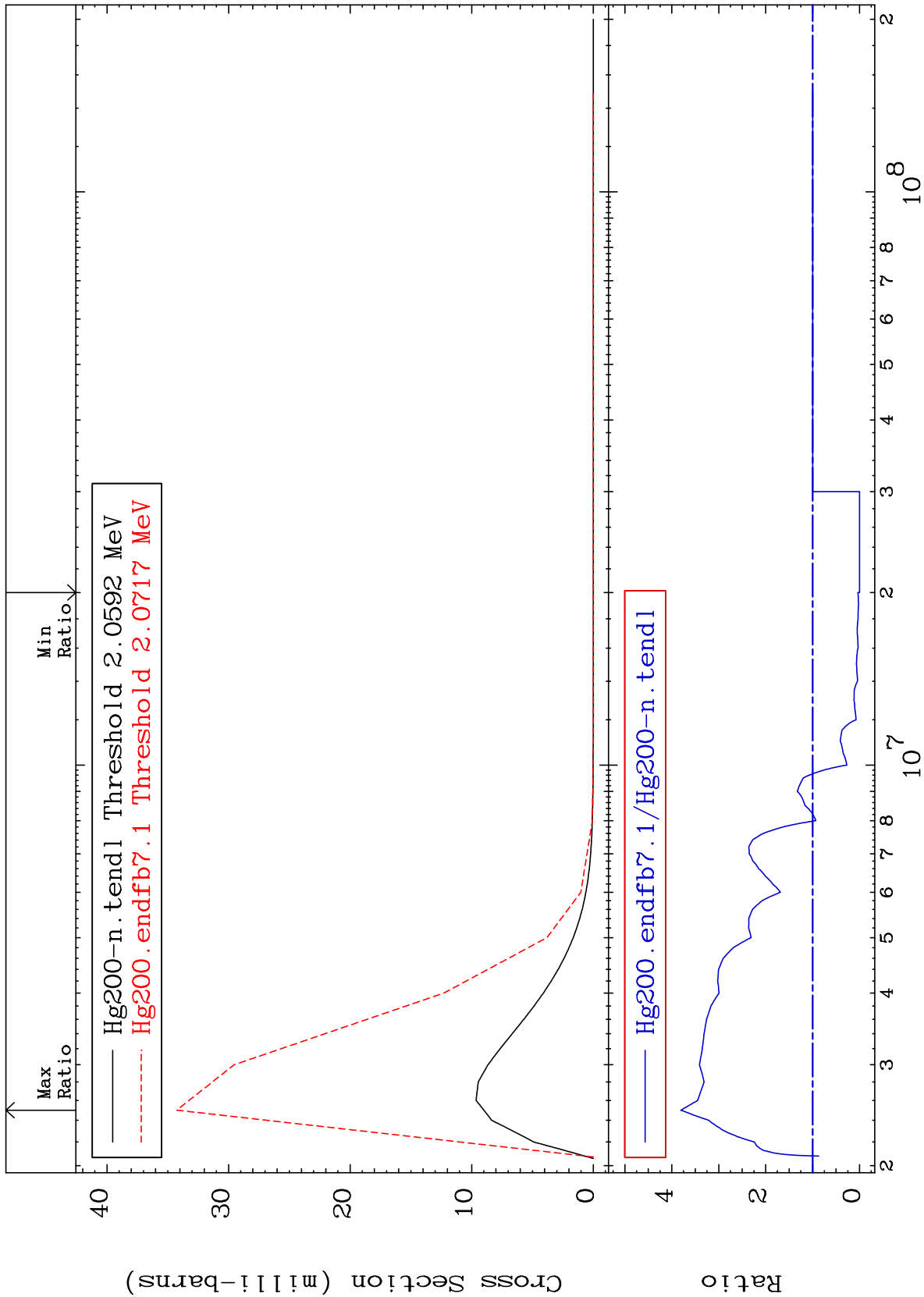
80-Hg-200

-100.0 To 46.73 %

Cross Section



MAT 8037 2.049 MeV (n,n') Level 80-Hg-200
 Cross Section -100.0 To 280.9 %



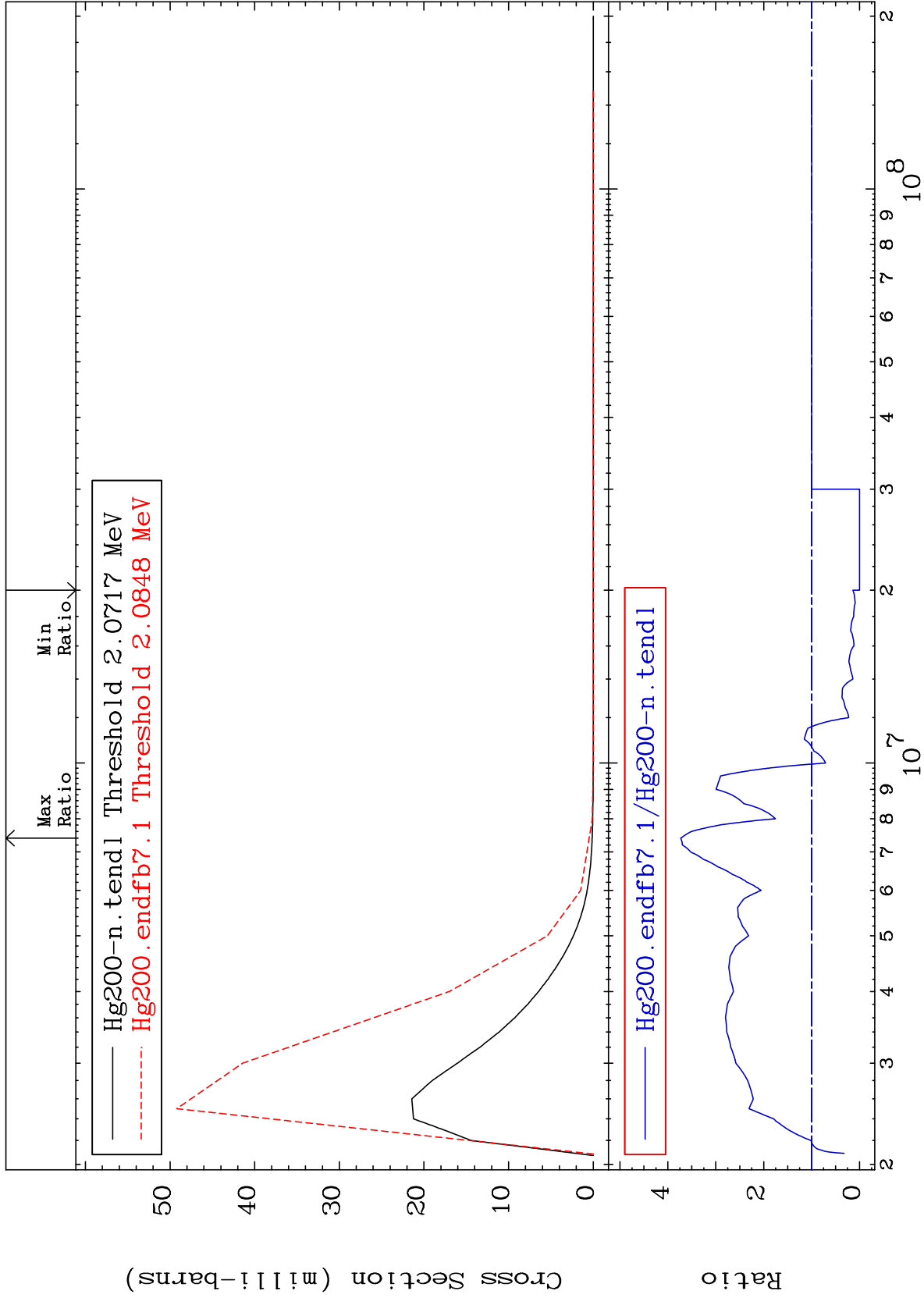
MAT 8037

2.061 MeV (n,n') Level

80-Hg-200

-100.0 To 273.1 %

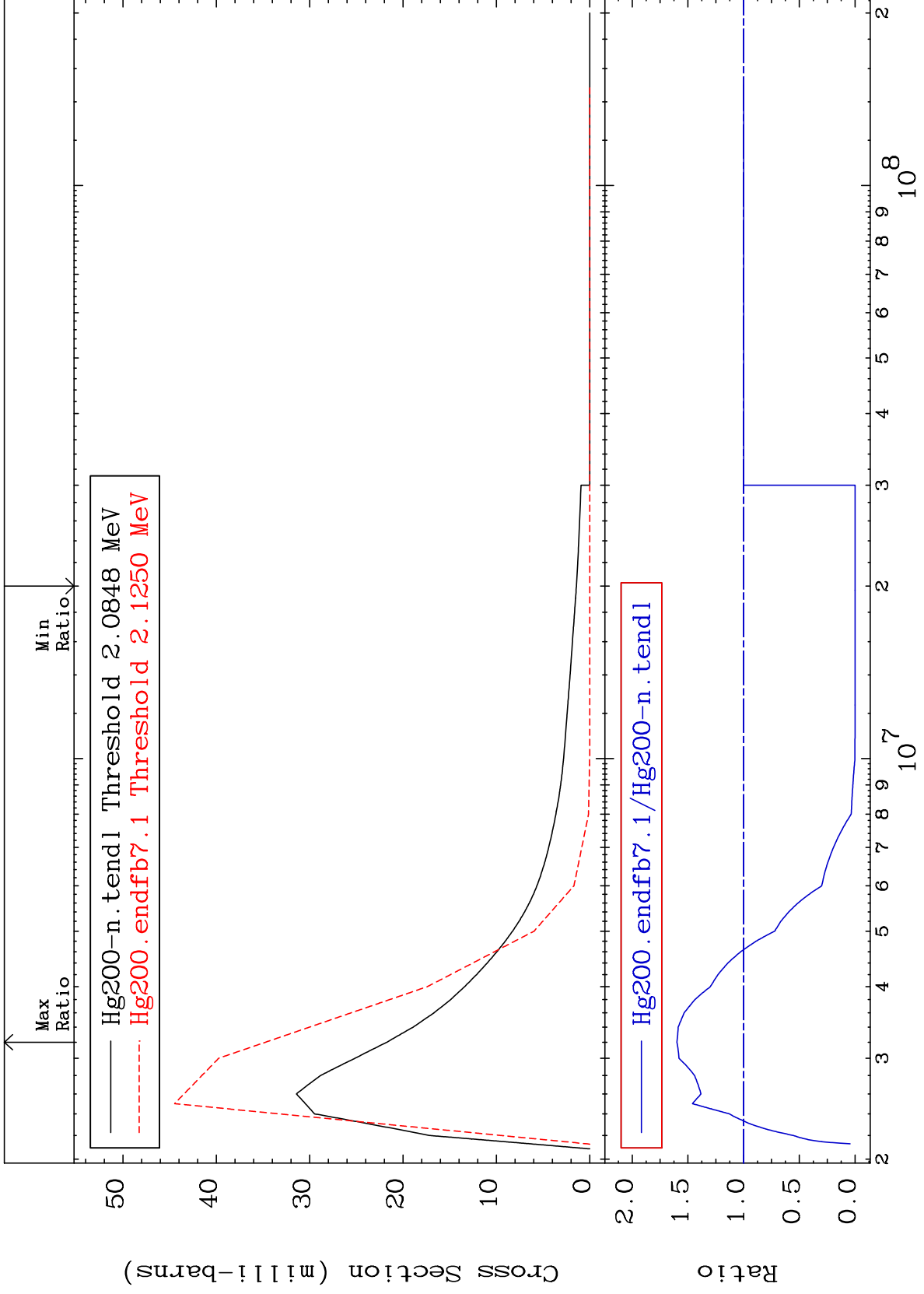
Cross Section



MAT 8037

2.074 MeV (n,n') Level
Cross Section

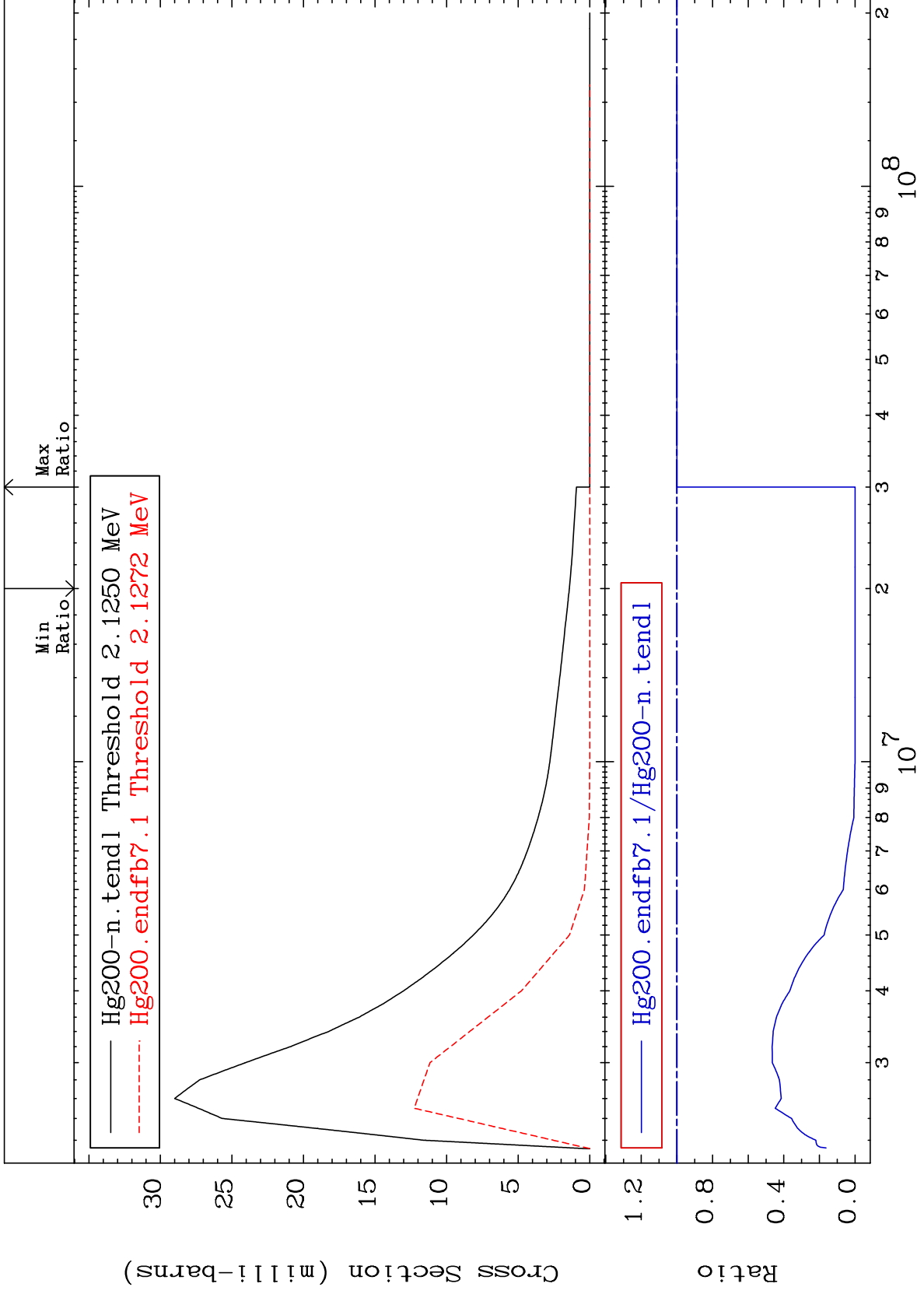
80-Hg-200
-100.0 To 59.89 %



MAT 8037

2.114 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 0.000 %

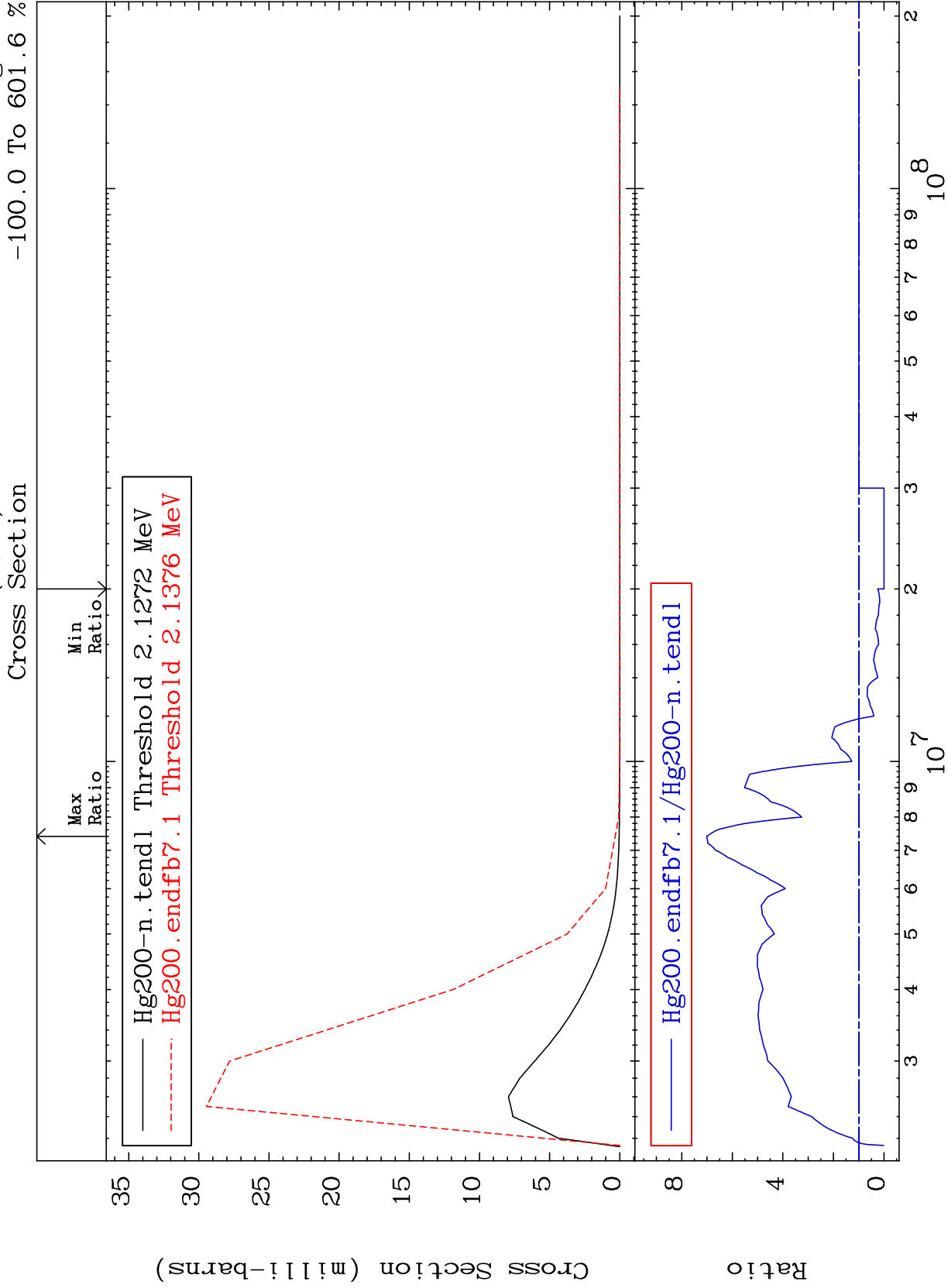


MAT 8037

2.117 MeV (n,n') Level

80-Hg-200

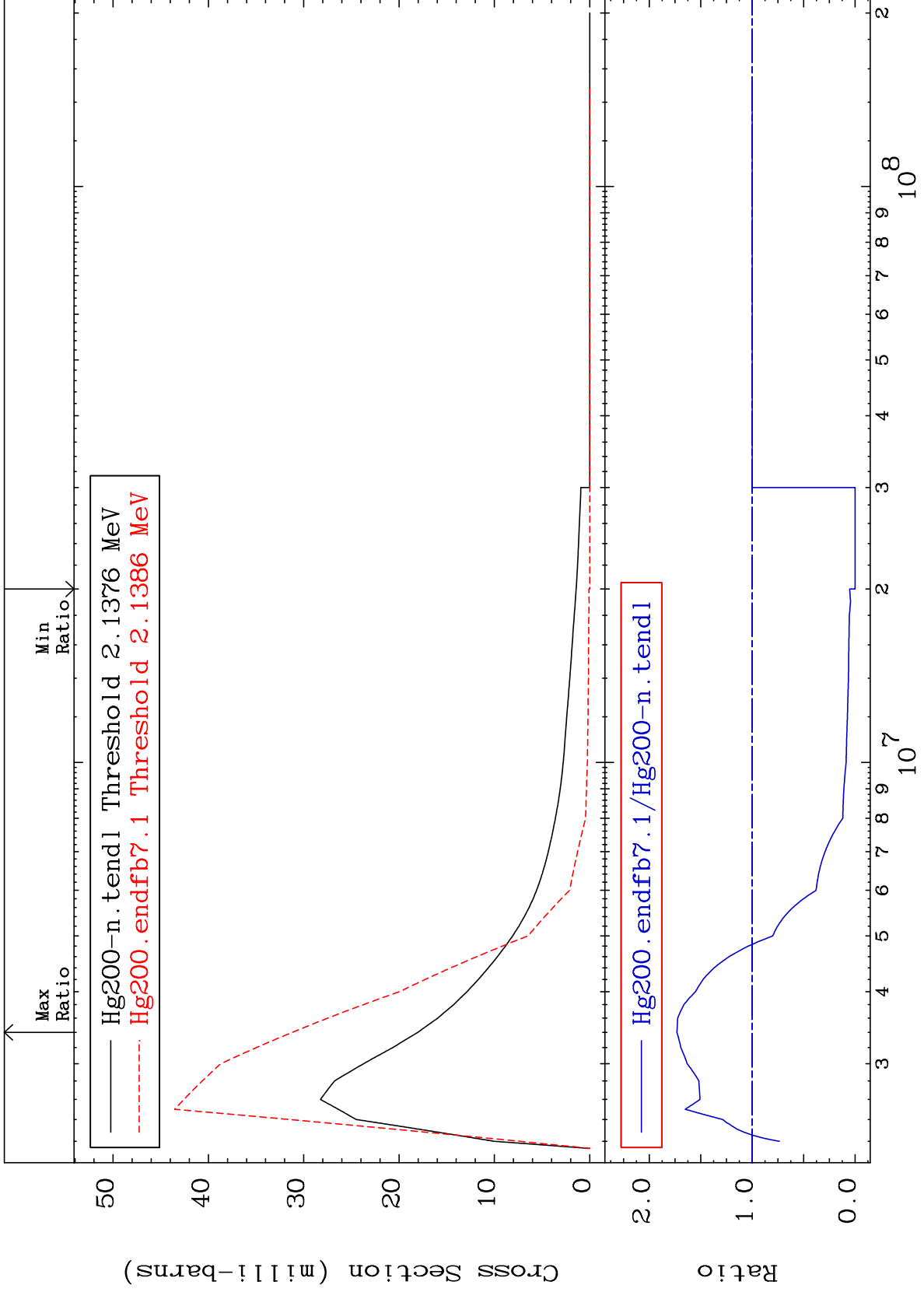
-100.0 To 601.6 %

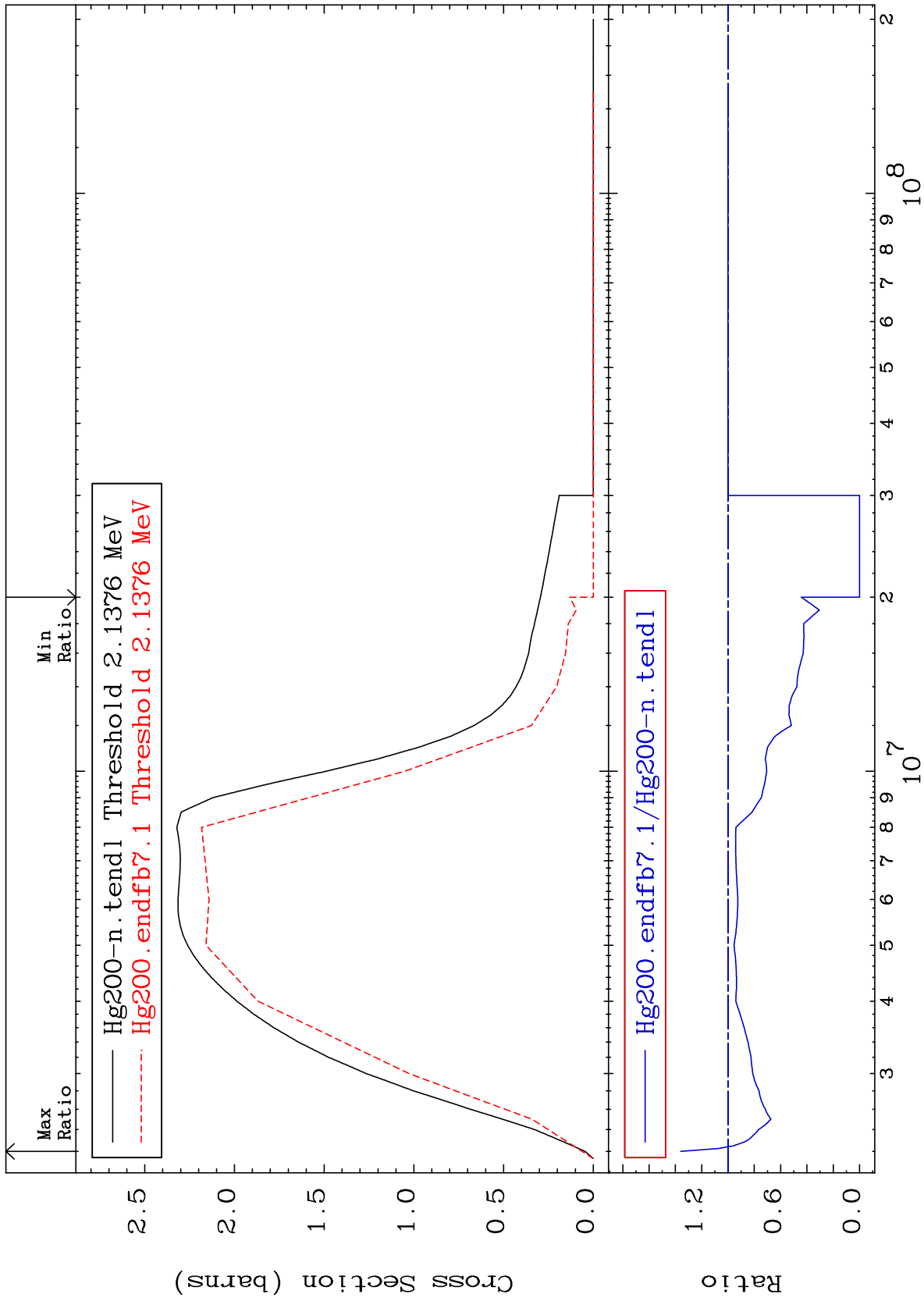


MAT 8037

2.127 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 73.10 %





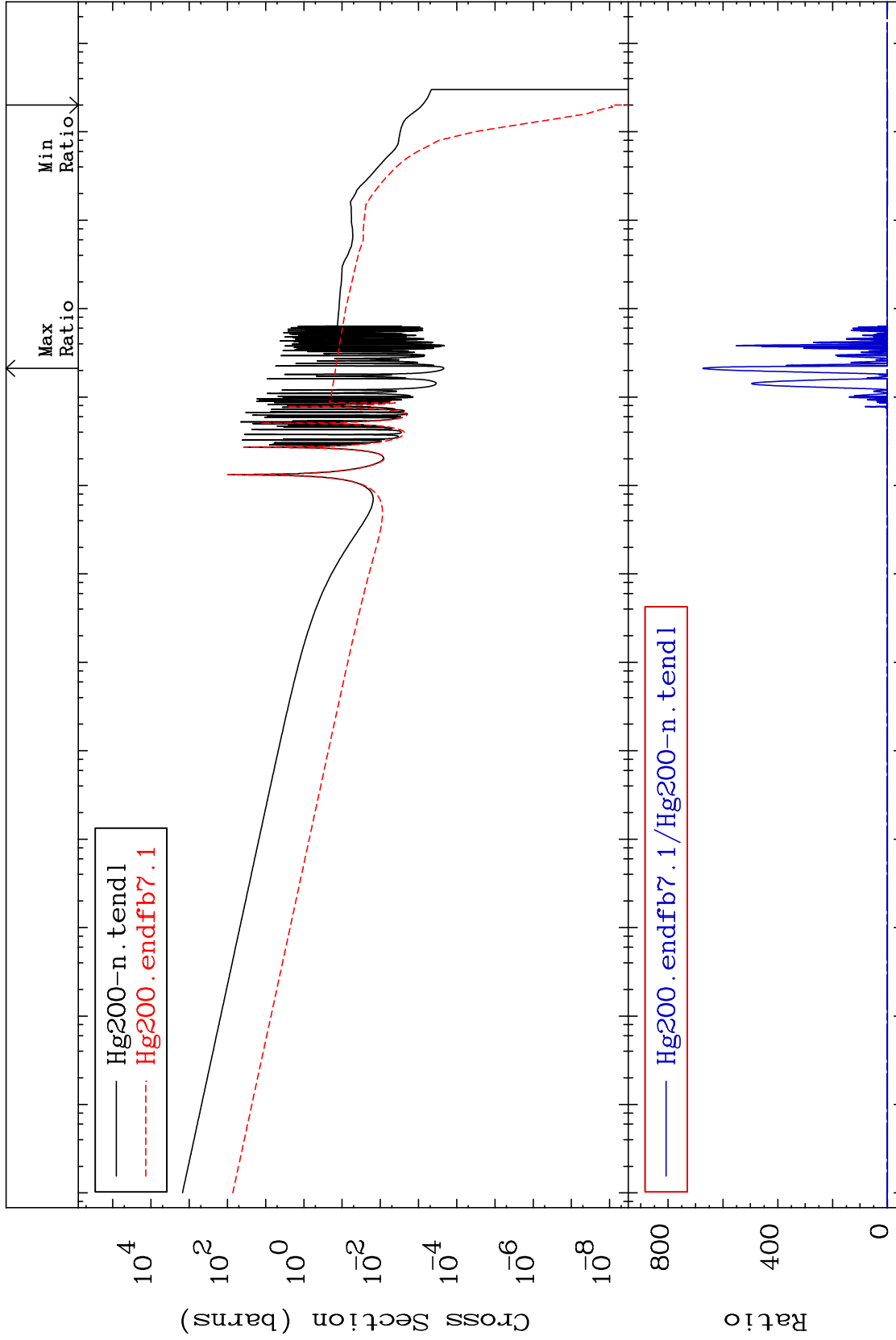
MAT 8037

80-Hg-200

(n, γ)

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

80-Hg-200

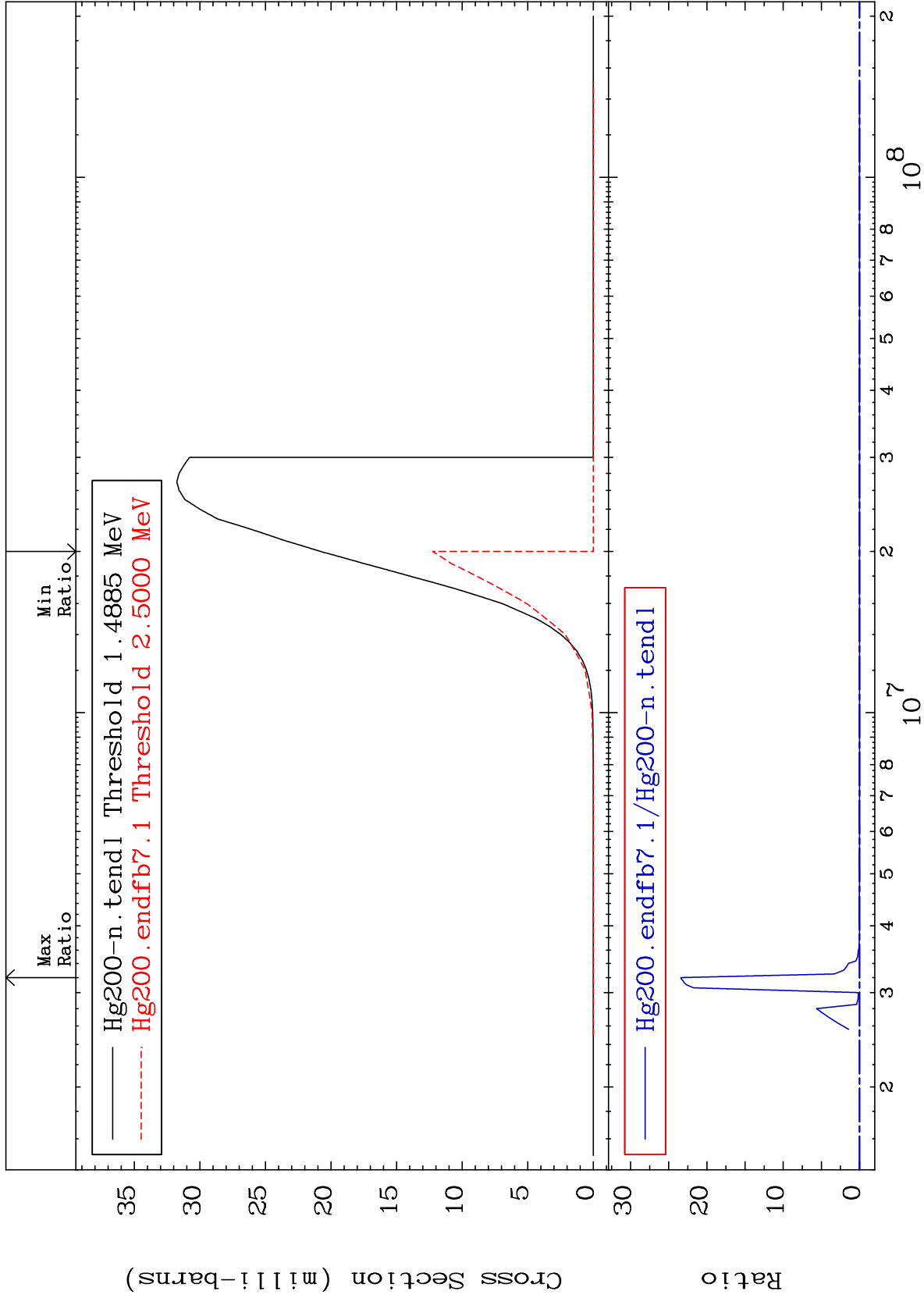
MAT 8037

(n,p)

80-Hg-200

Cross Section

-100.0 To 9999. %



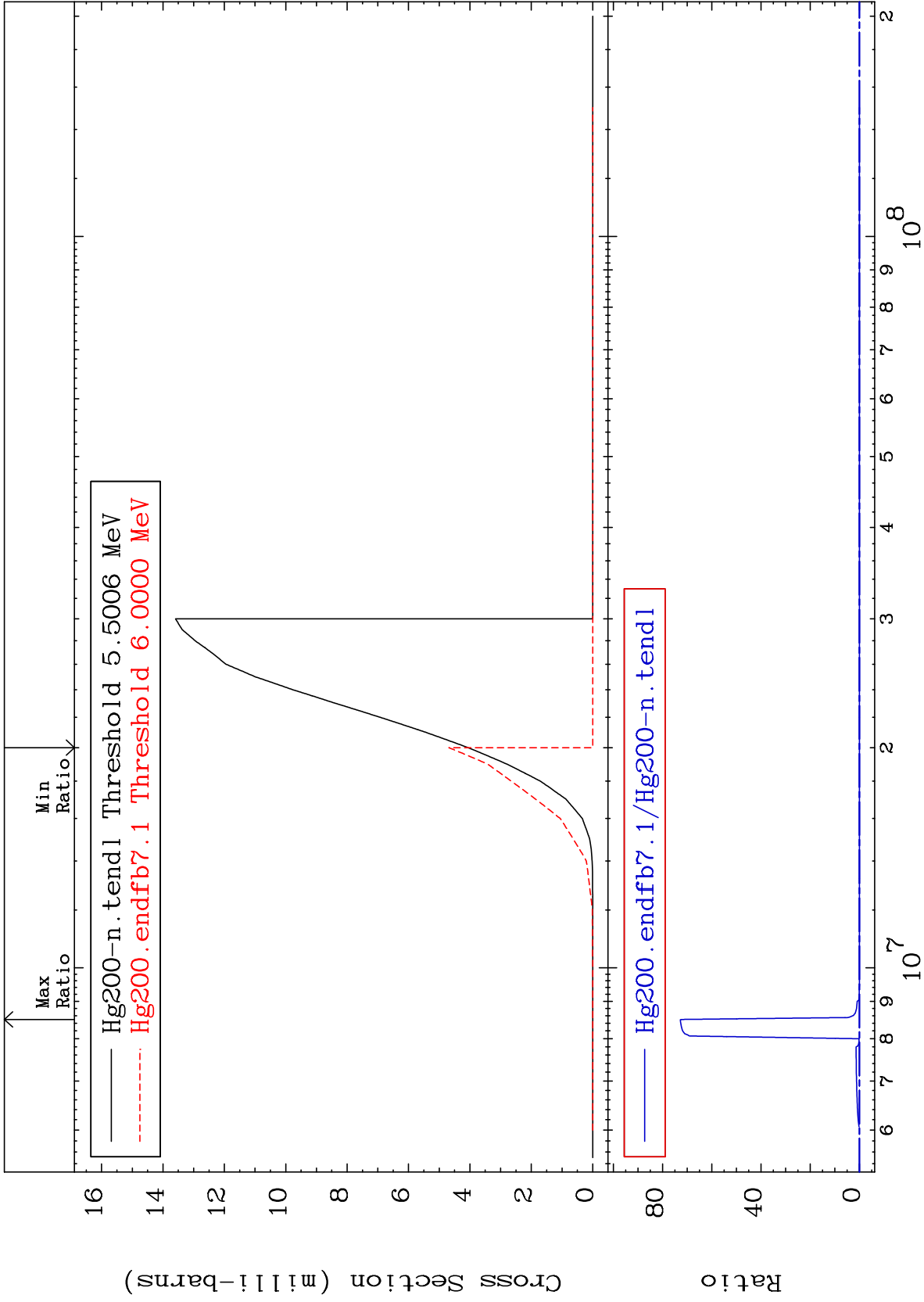
MAT 8037

(n, d)

80-Hg-200

Cross Section

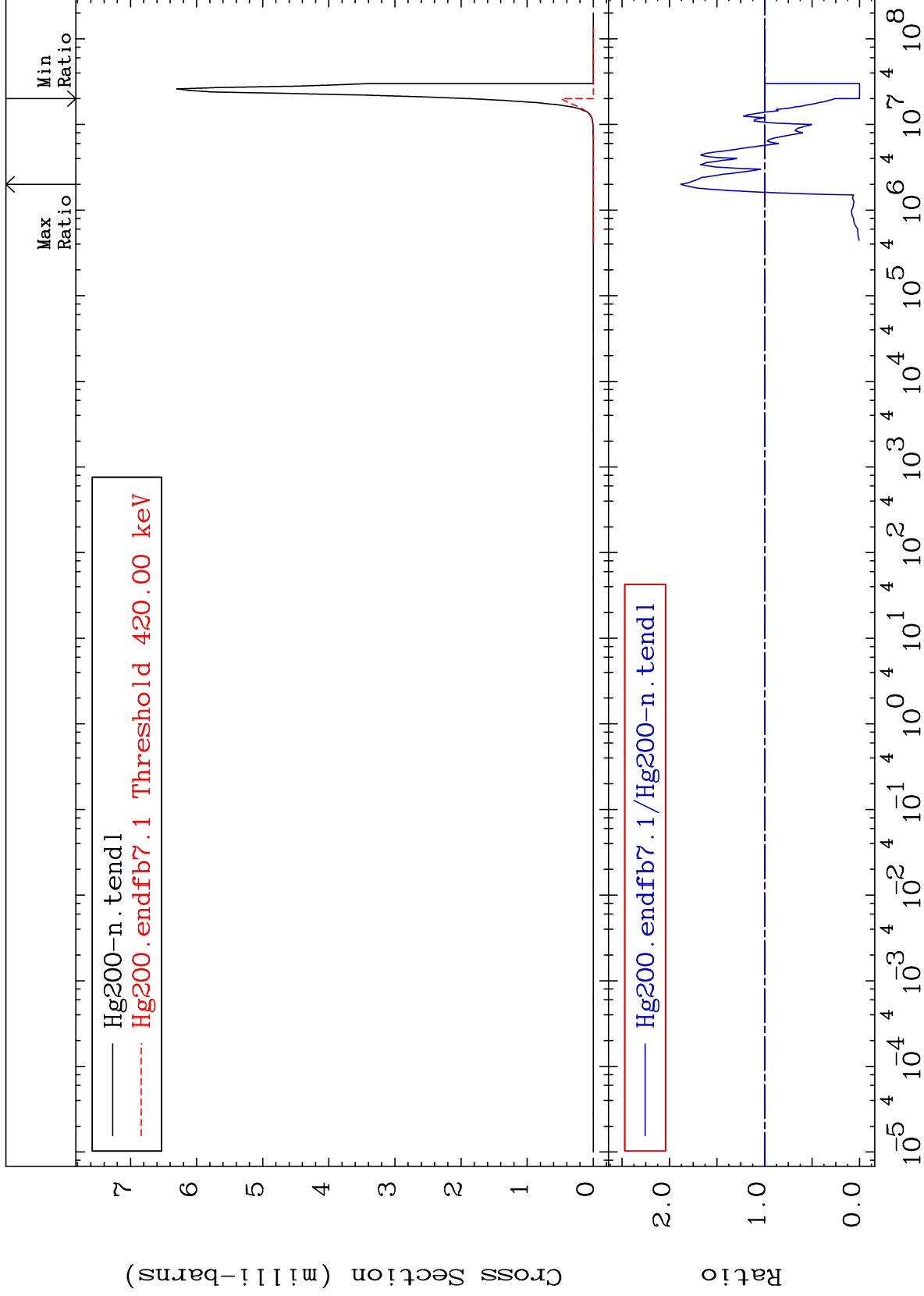
-100.0 To 9999. %



MAT 8037

(n, α)
Cross Section

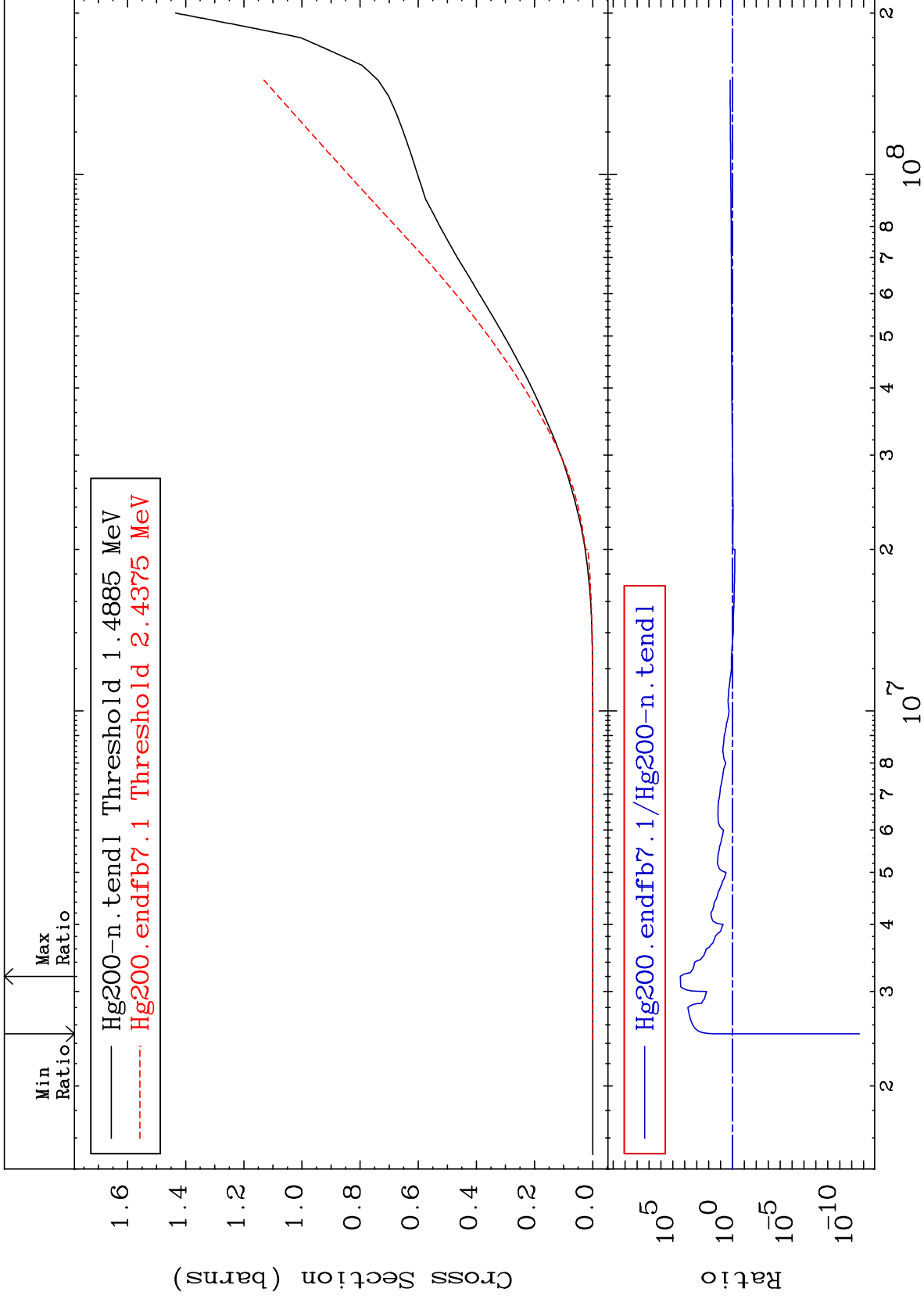
80-Hg-200
-100.0 To 88.15 %



43

Incident Energy (eV)

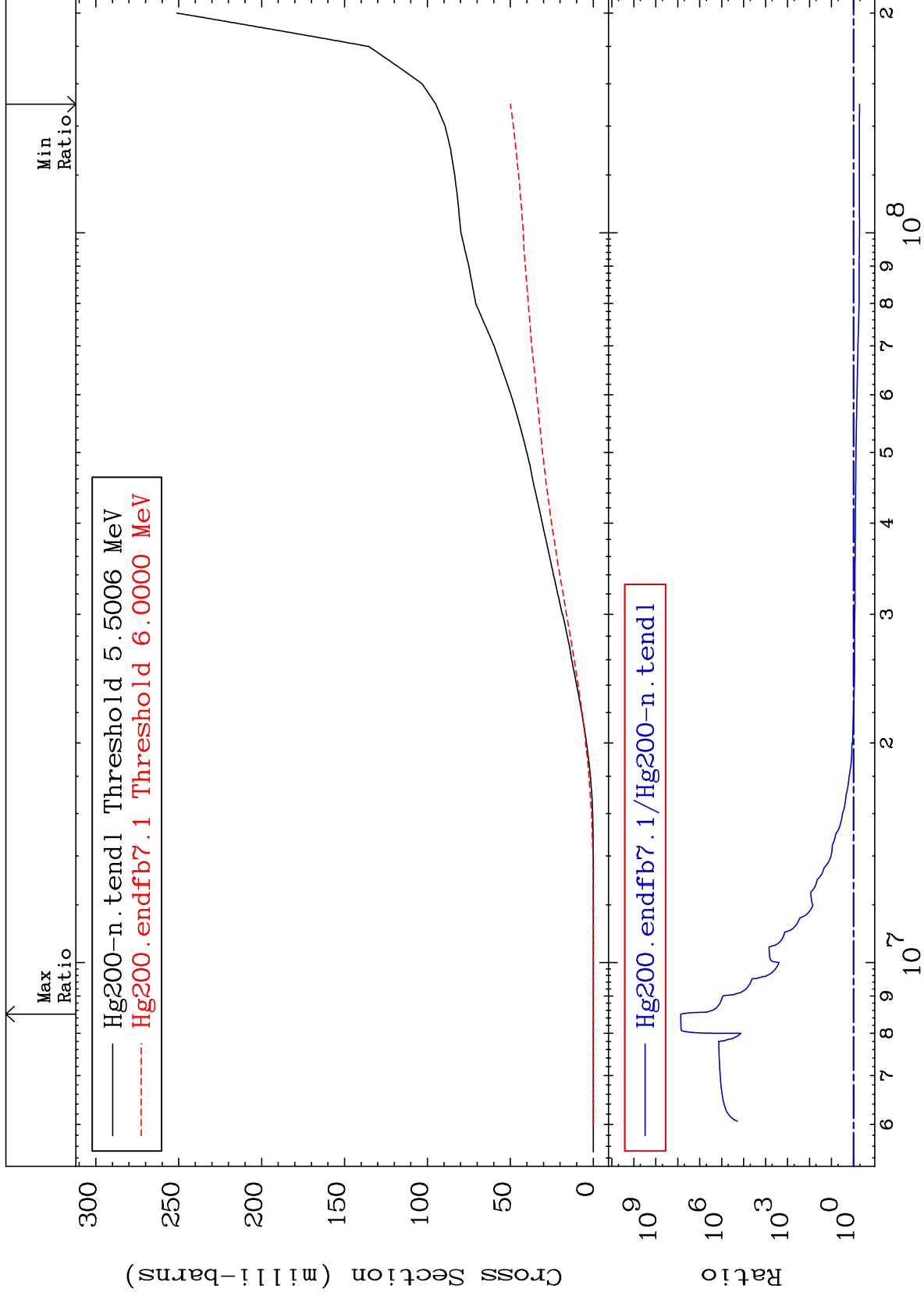
80-Hg-200



MAT 8037

Deuterium Production
Cross Section

80-Hg-200
-47.47 To 9999. %



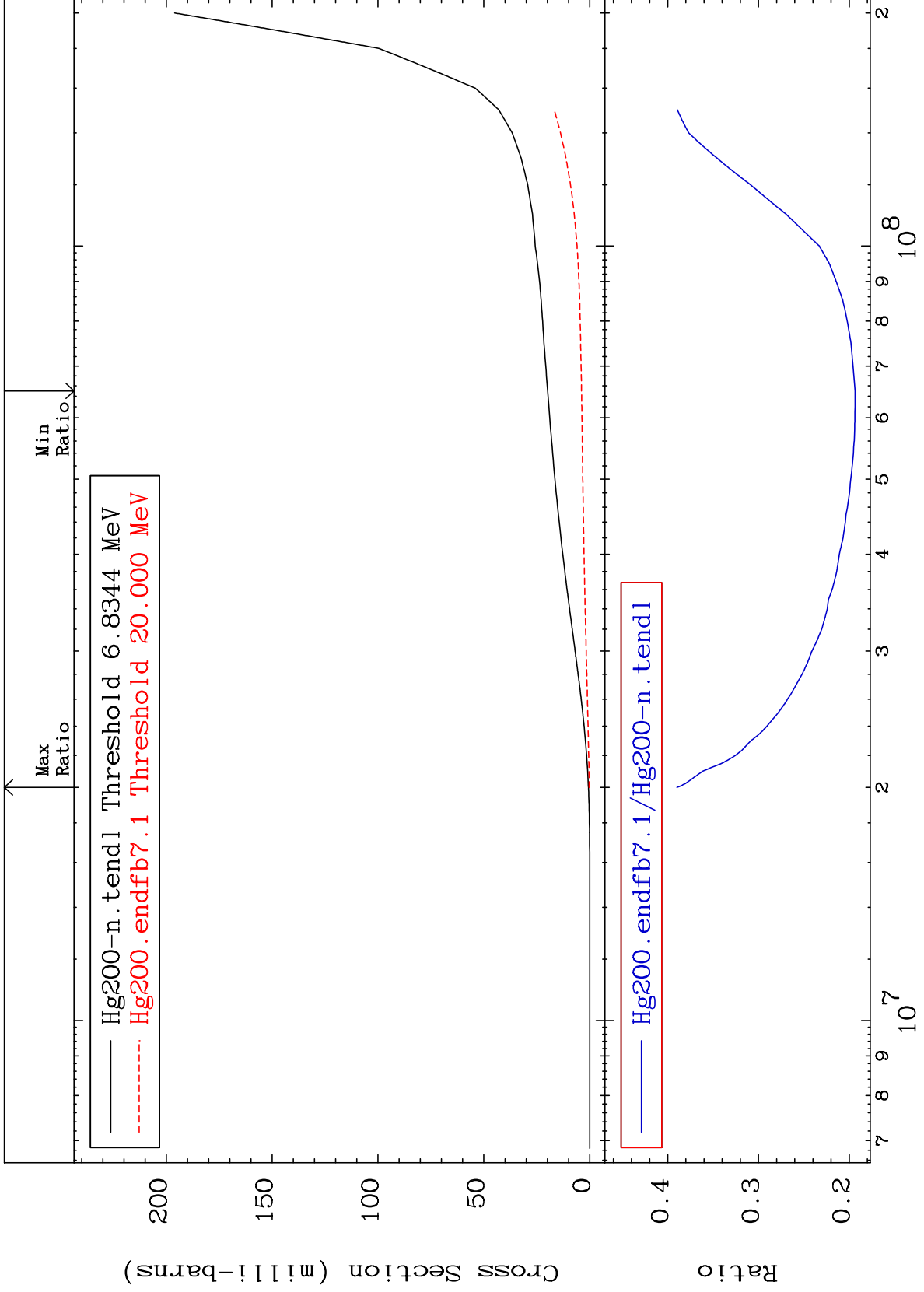
45

80-Hg-200

MAT 8037

Tritium Production
Cross Section

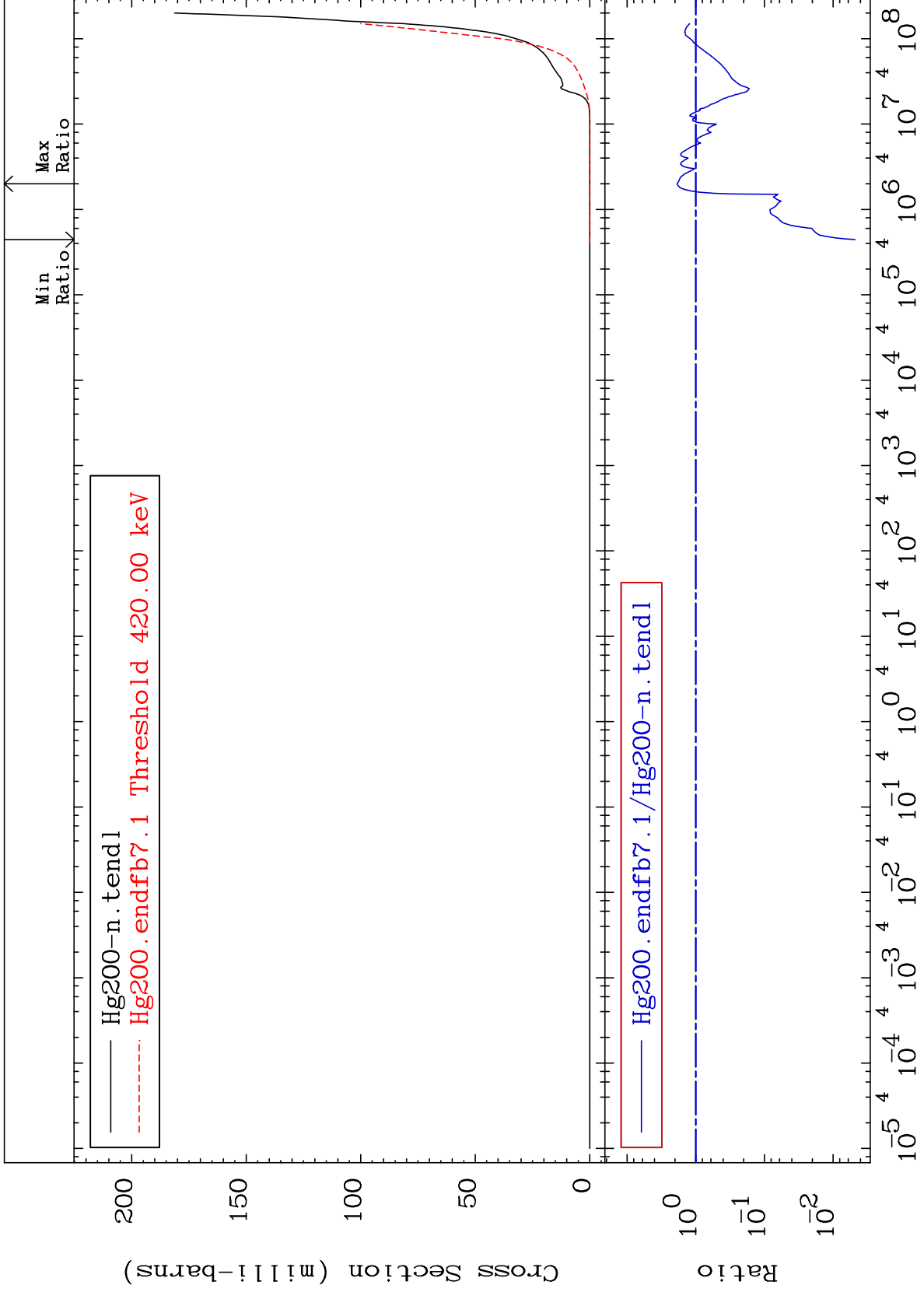
80-Hg-200
-80.65 To -61.01%



MAT 8037

He-4 Production
Cross Section

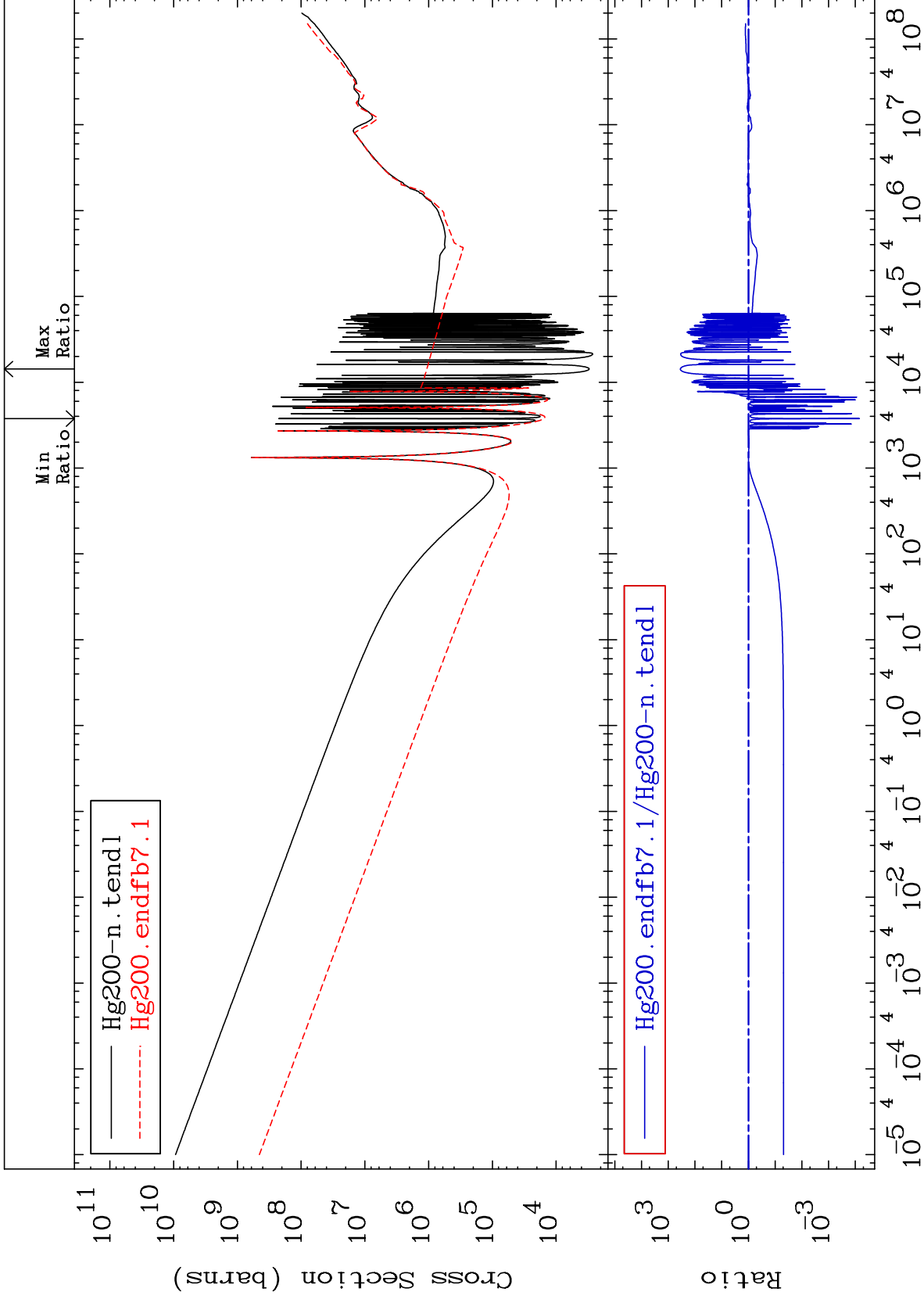
80-Hg-200
-99.52 To 88.15 %



MAT 8037

Kerma total (eV-barns)
Cross Section

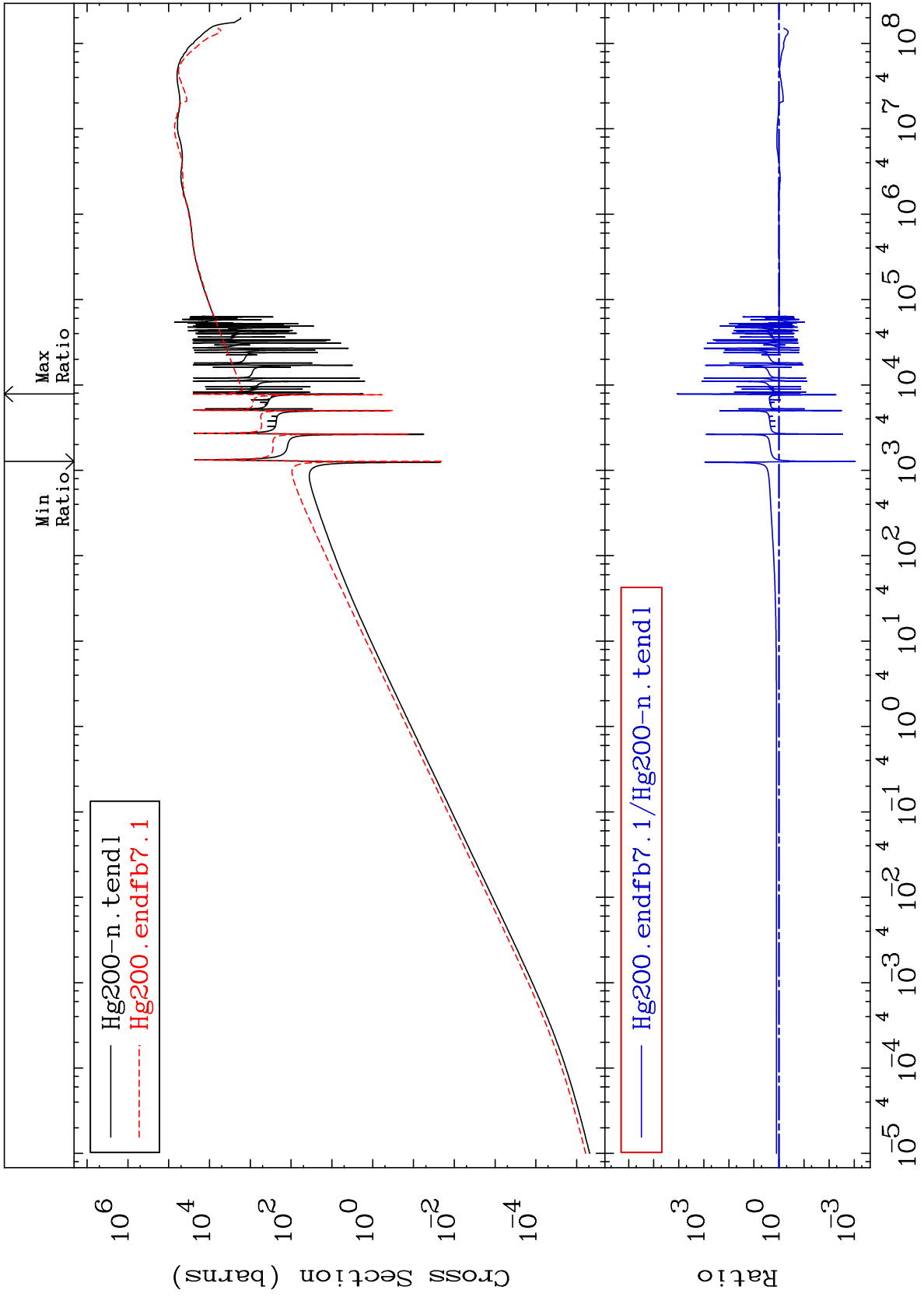
80-Hg-200
-99.99 To 9999. %



MAT 8037

Kerma elastic
Cross Section

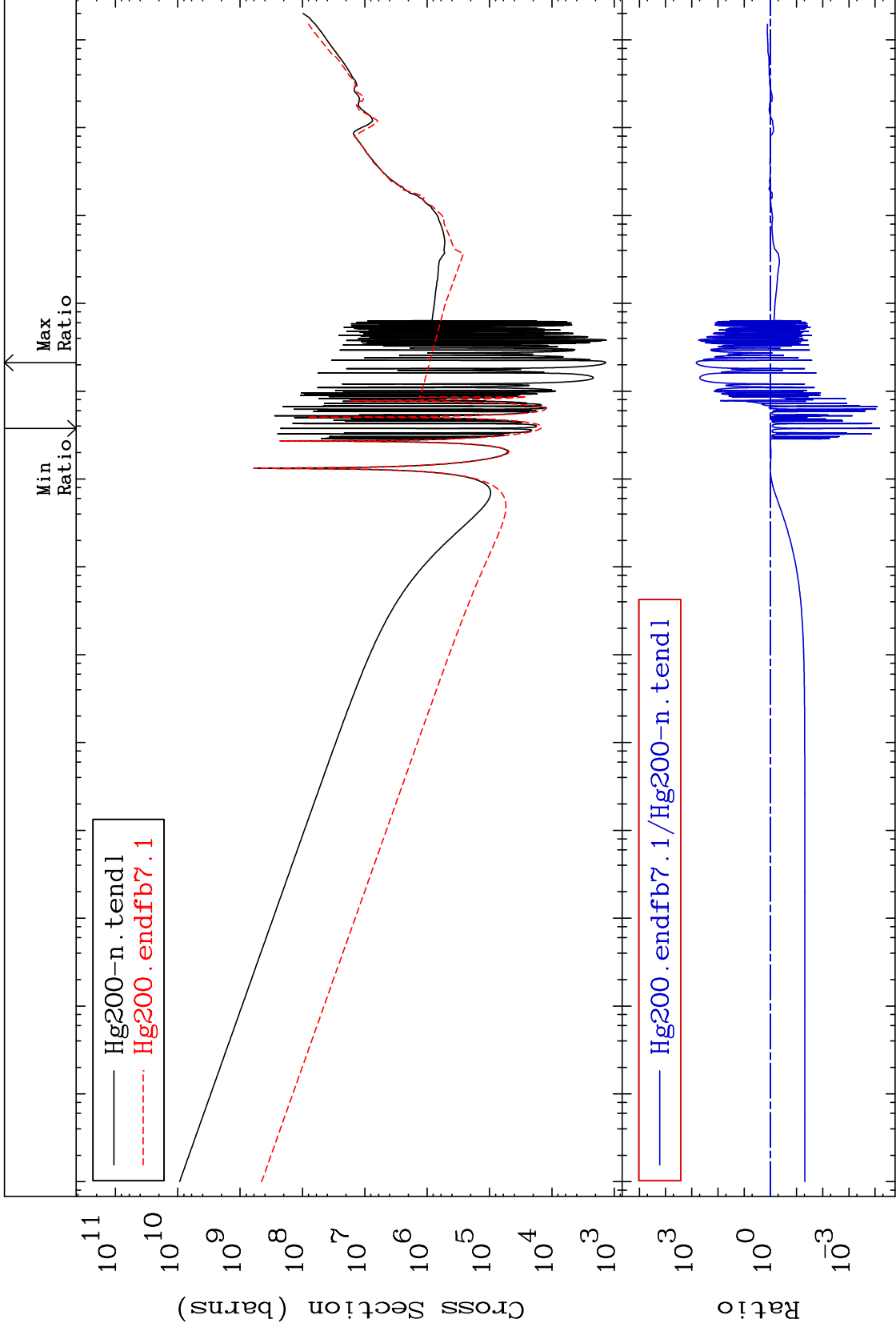
80-Hg-200
-99.91 To 9999. %



MAT 8037

Kerma non-elastic (all but mt2)
Cross Section

80-Hg-200
-99.99 To 9999. %



50

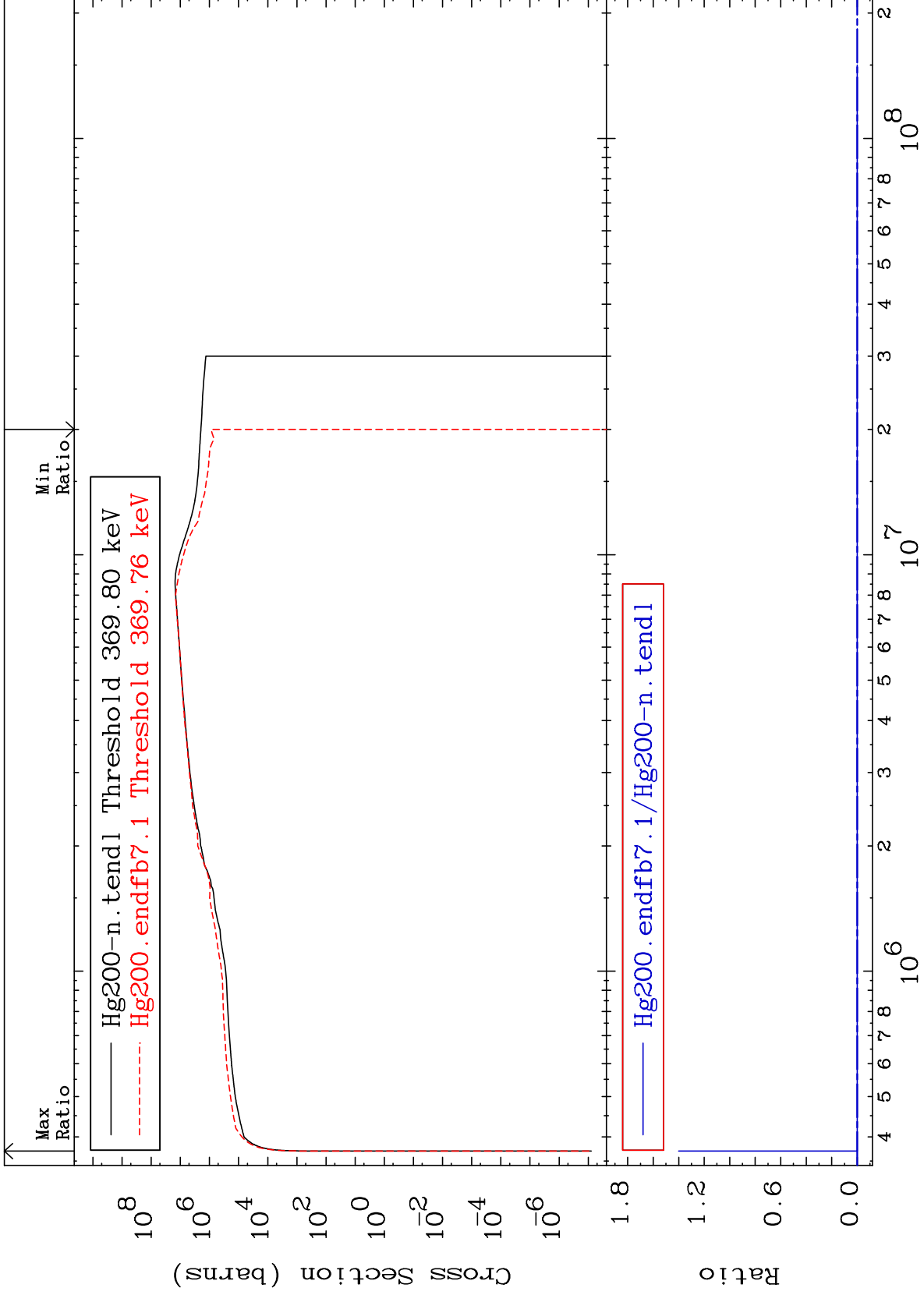
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma inelastic (mt51-91)
Cross Section

80-Hg-200
-100.0 To 9999. %



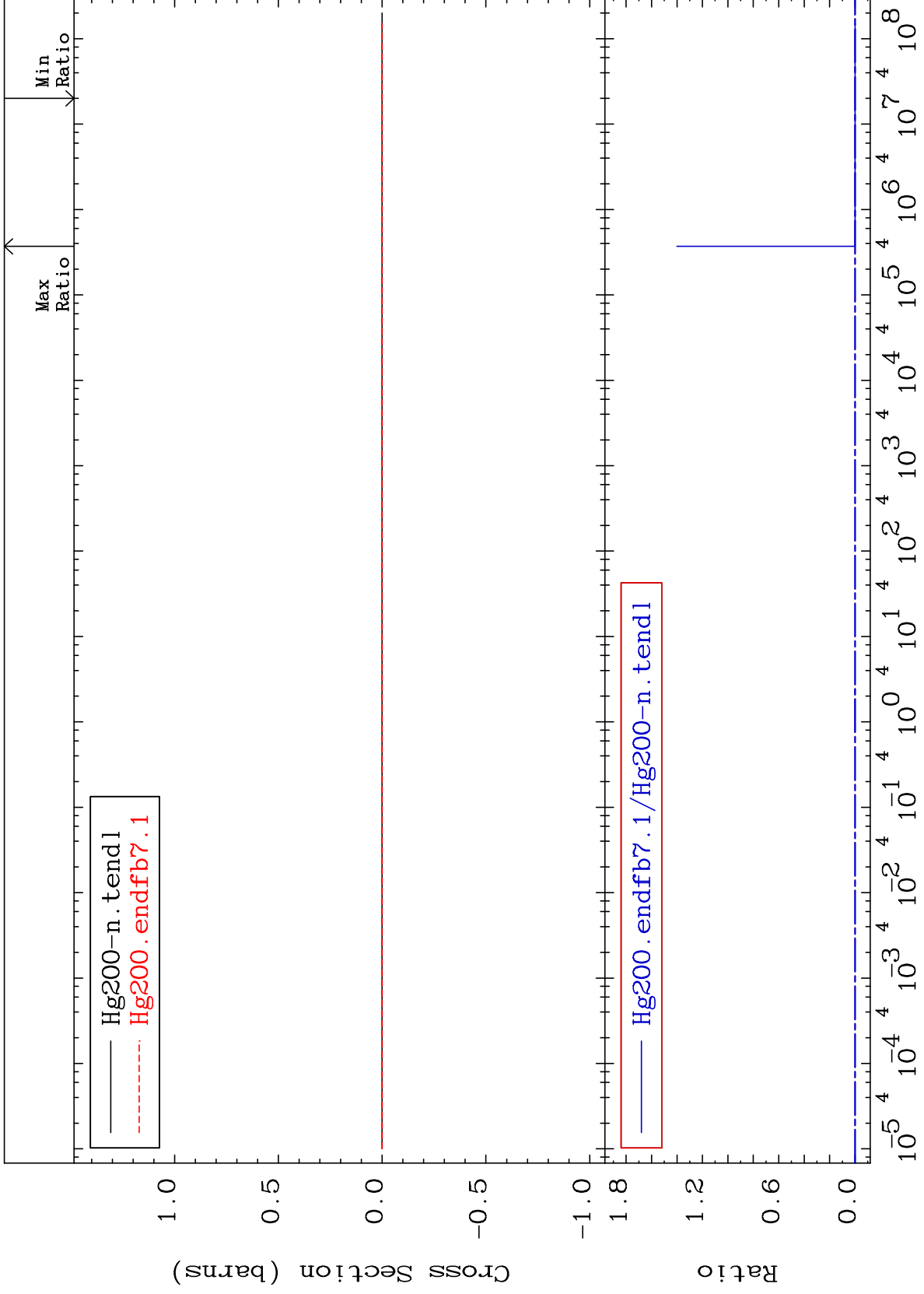
51

80-Hg-200

MAT 8037

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

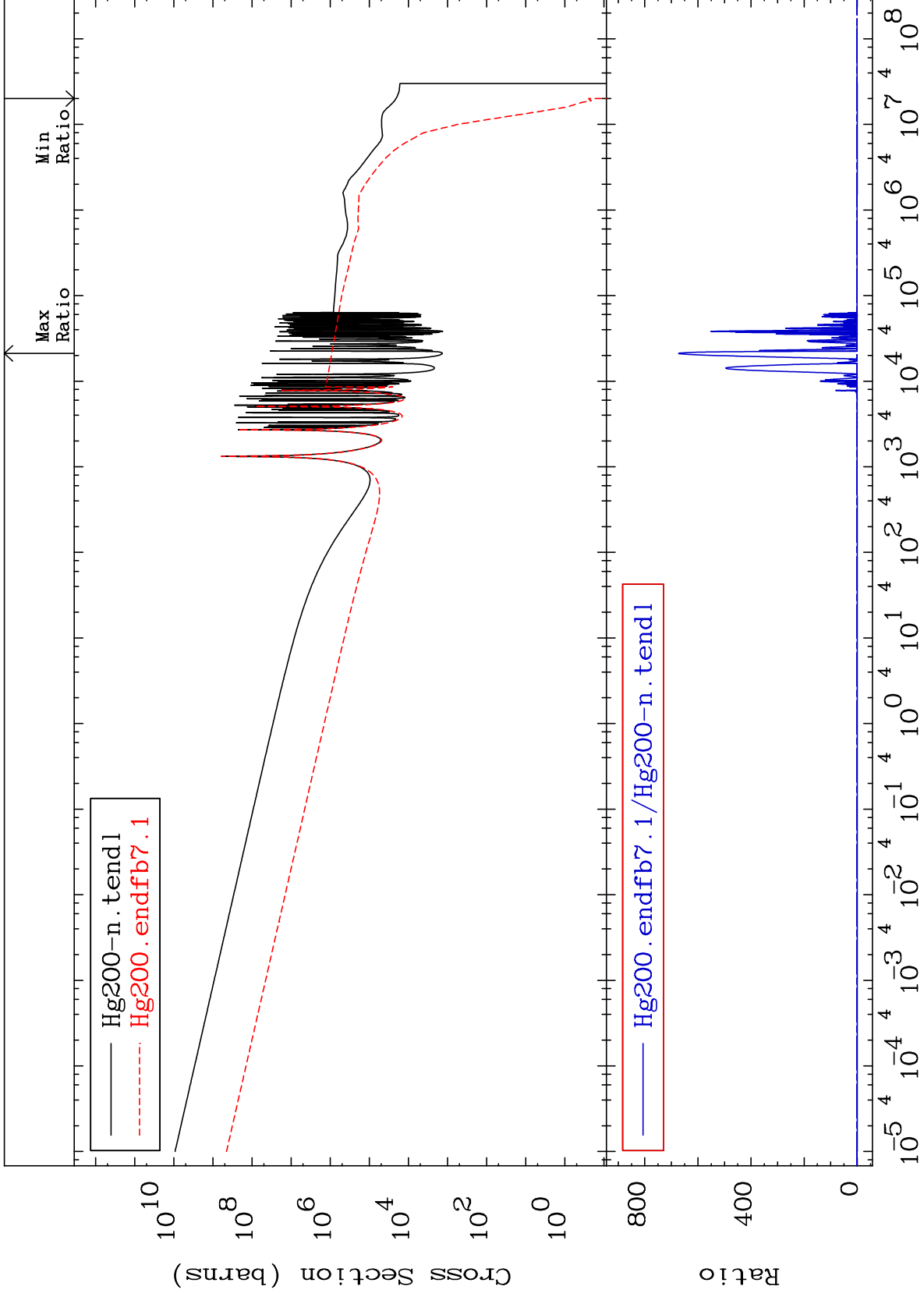
80-Hg-200
-100.0 To 9999. %



MAT 8037

Kerma capture (mt102)
Cross Section

80-Hg-200
-100.0 To 9999. %



53

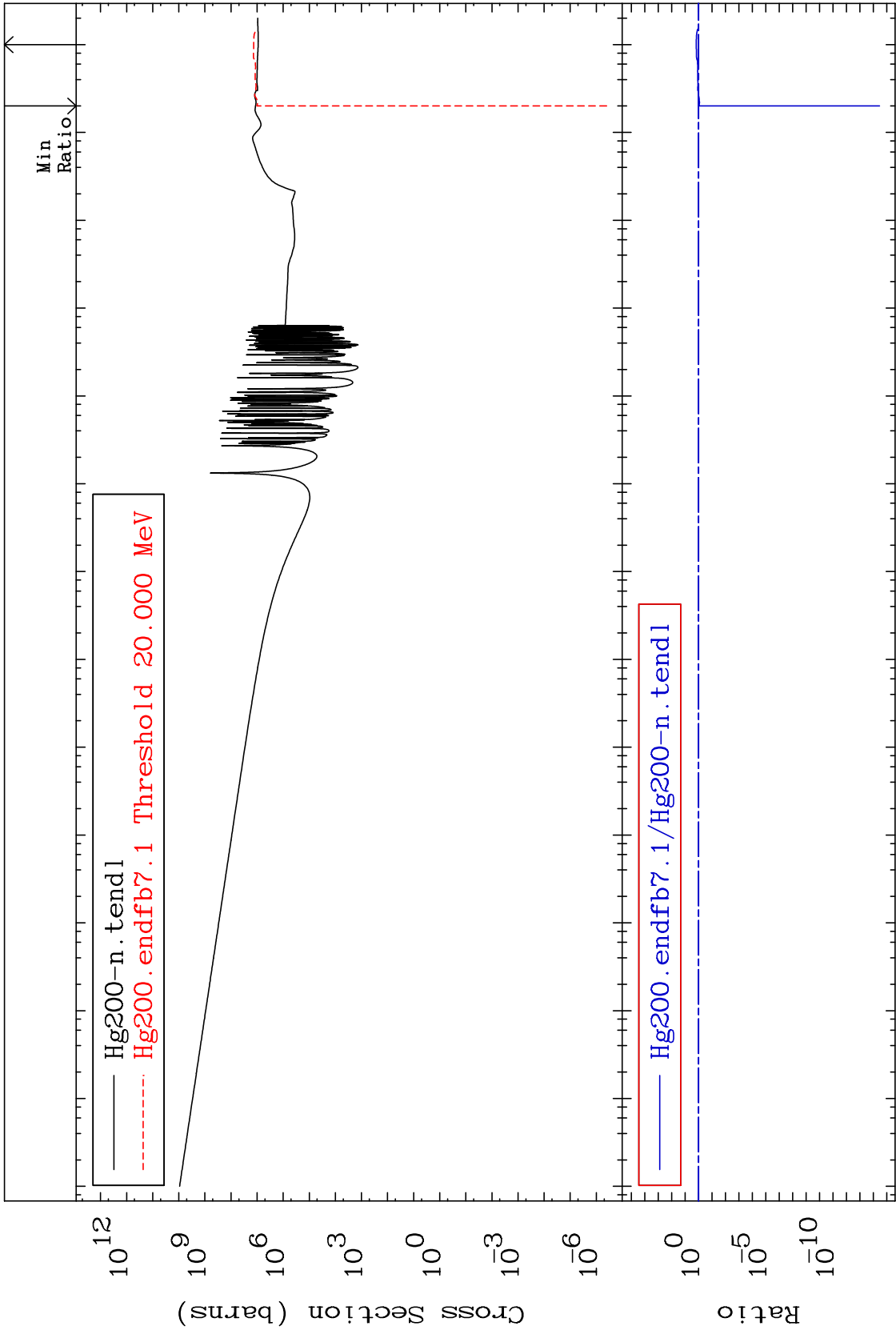
Incident Energy (eV)

80-Hg-200

MAT 8037

Total photon (eV-barns)
Cross Section

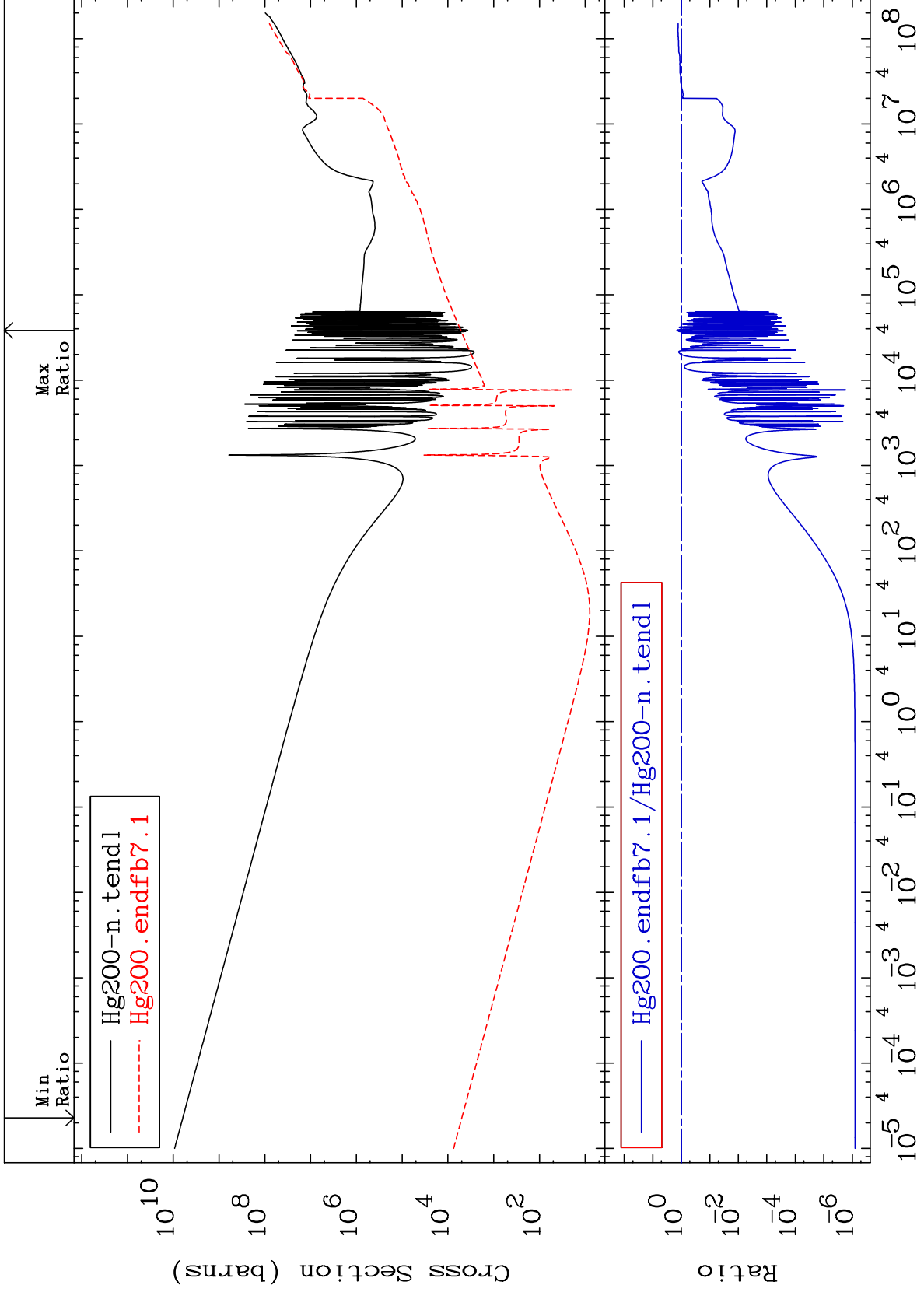
80-Hg-200
-100.0 To 48.79 %

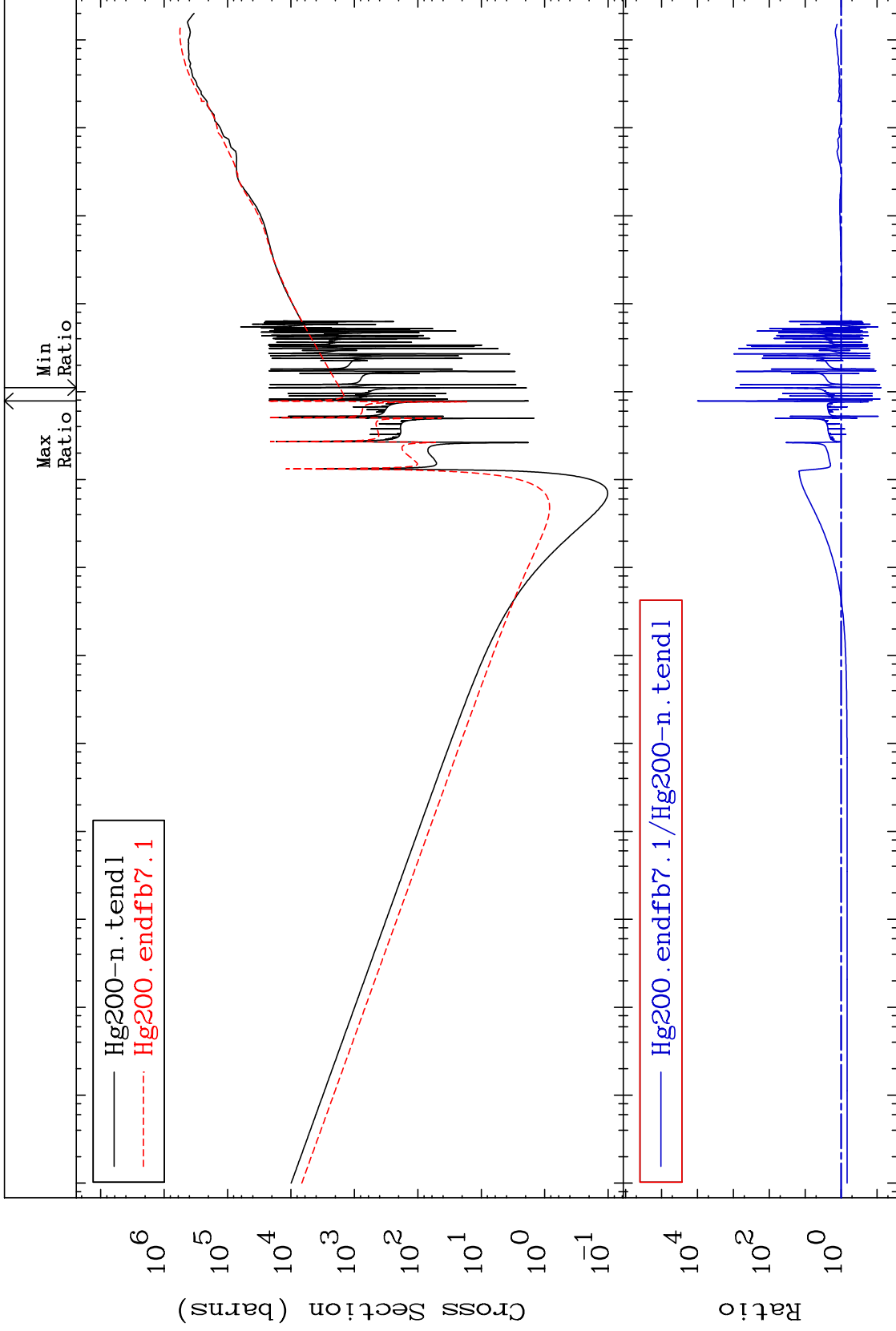


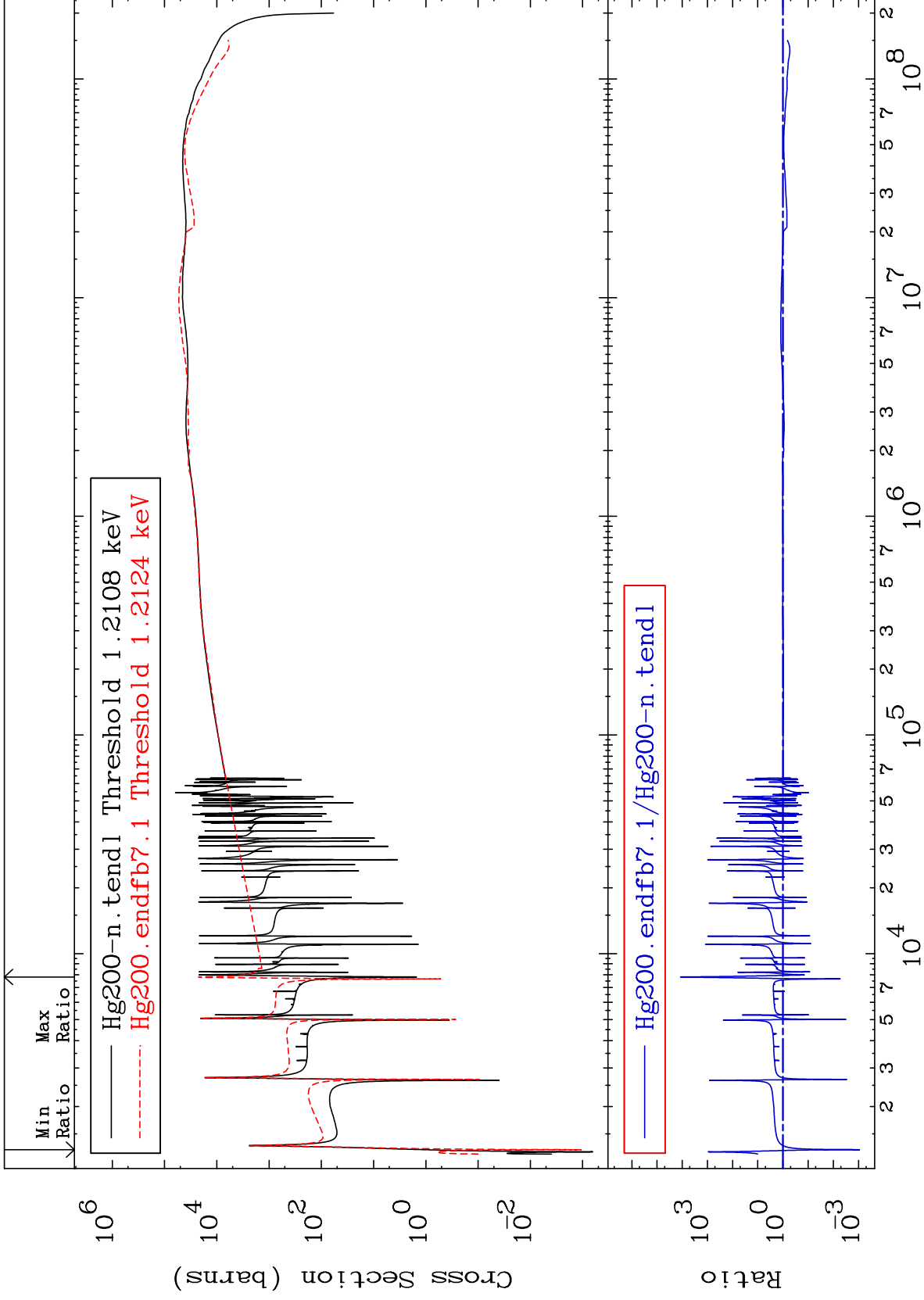
MAT 8037

Total kinematic kerma (high limit)
Cross Section

80-Hg-200
-100.0 To 41.85 %







MAT 8037

Dpa inelastic (mt51-91)
Cross Section

80-Hg-200
-100.0 To 9999. %

