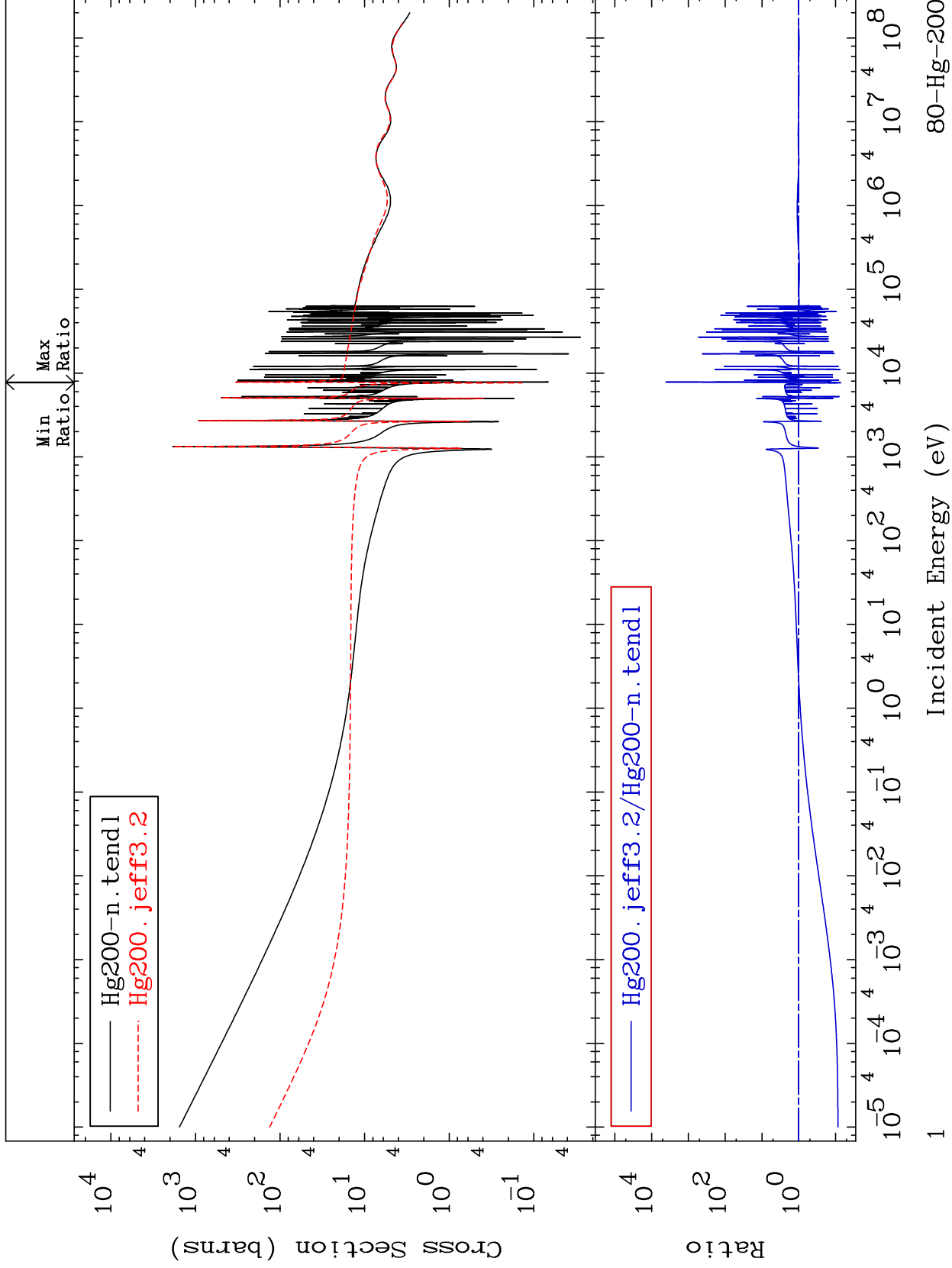


MAT 8037

Total
Cross Section

80-Hg-200
-92.81 To 9999. %



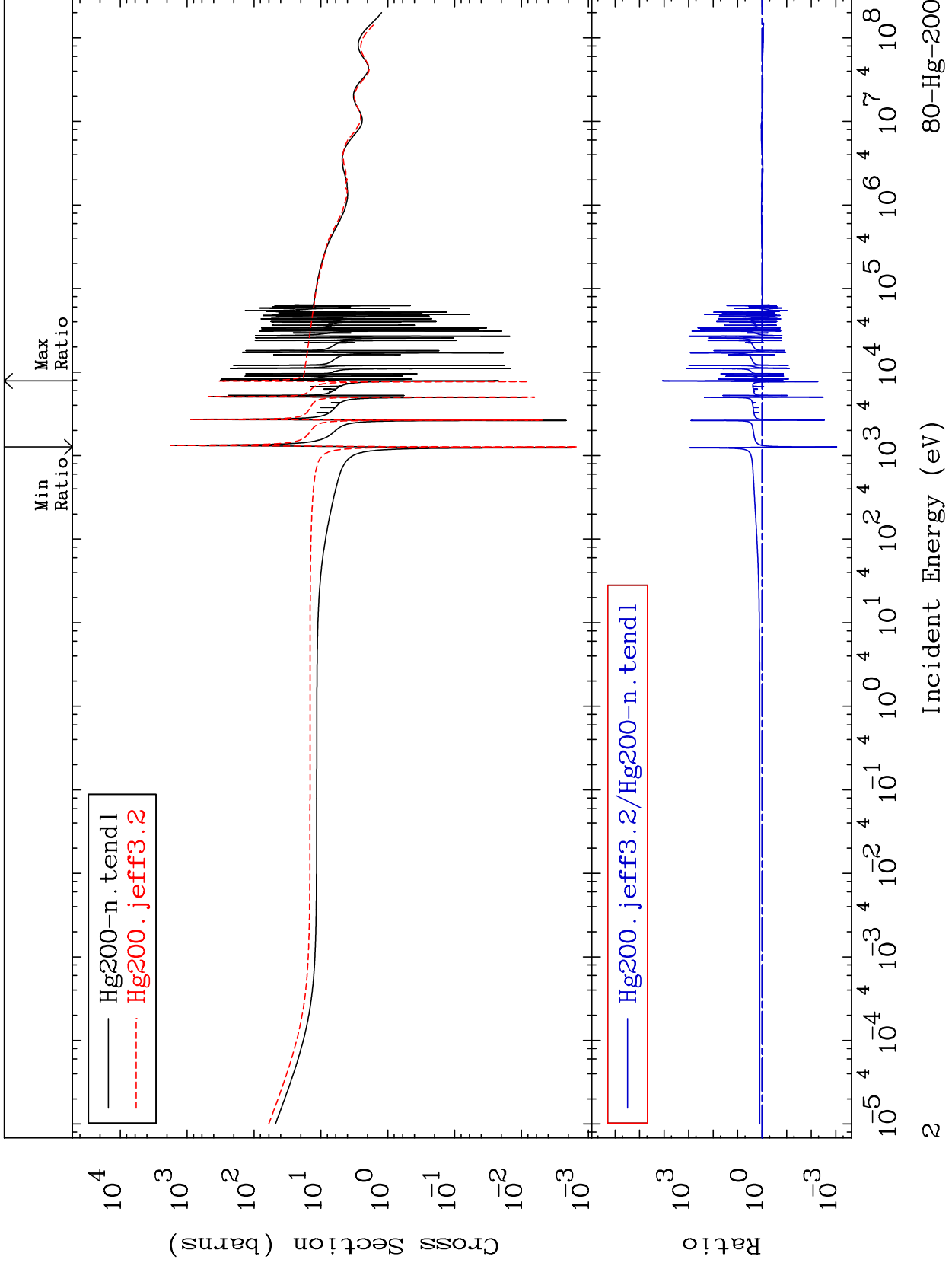
80-Hg-200

Incident Energy (eV)

MAT 8037

Elastic
Cross Section

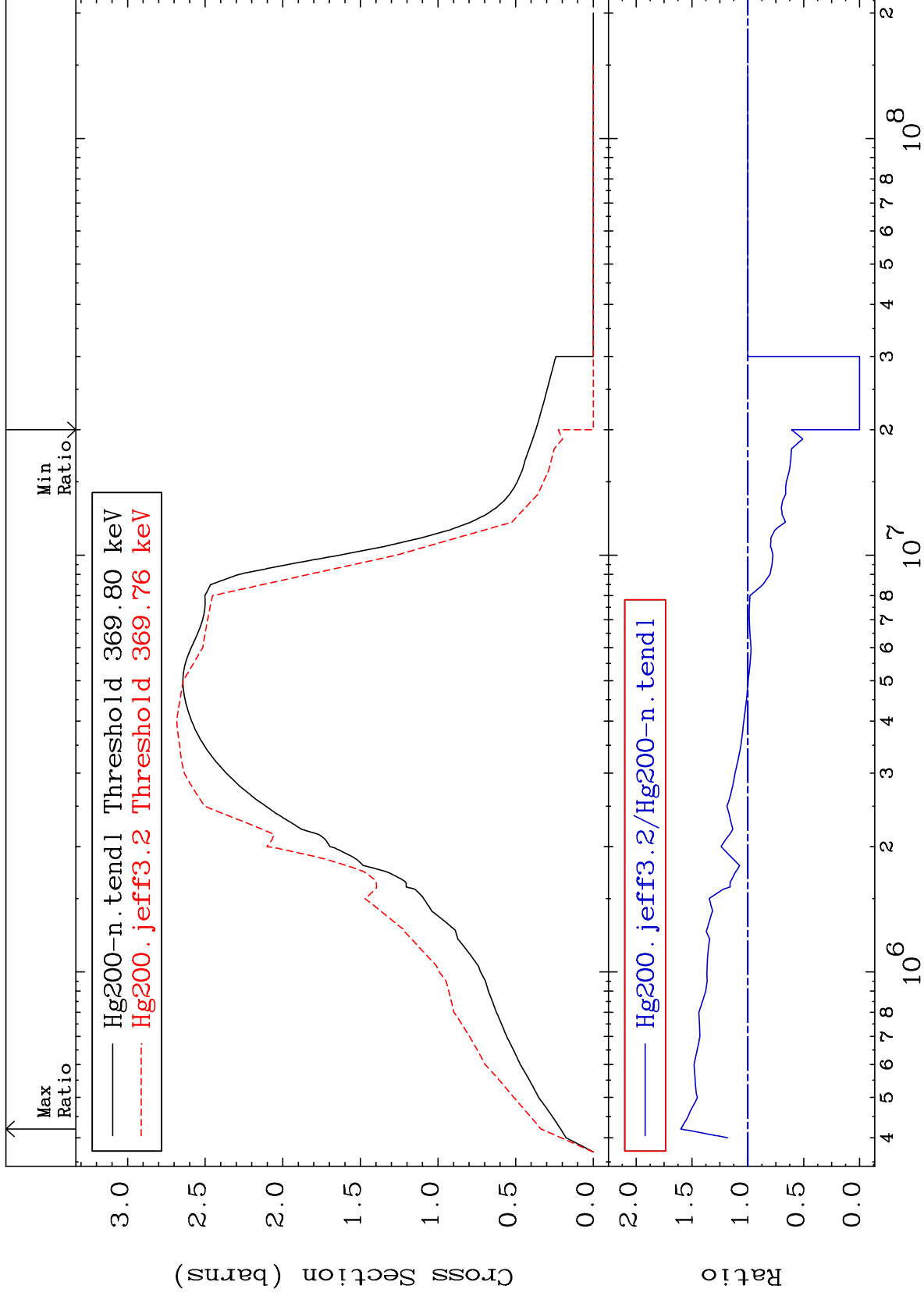
80-Hg-200
-99.91 To 9999. %



MAT 8037

Inelastic
Cross Section

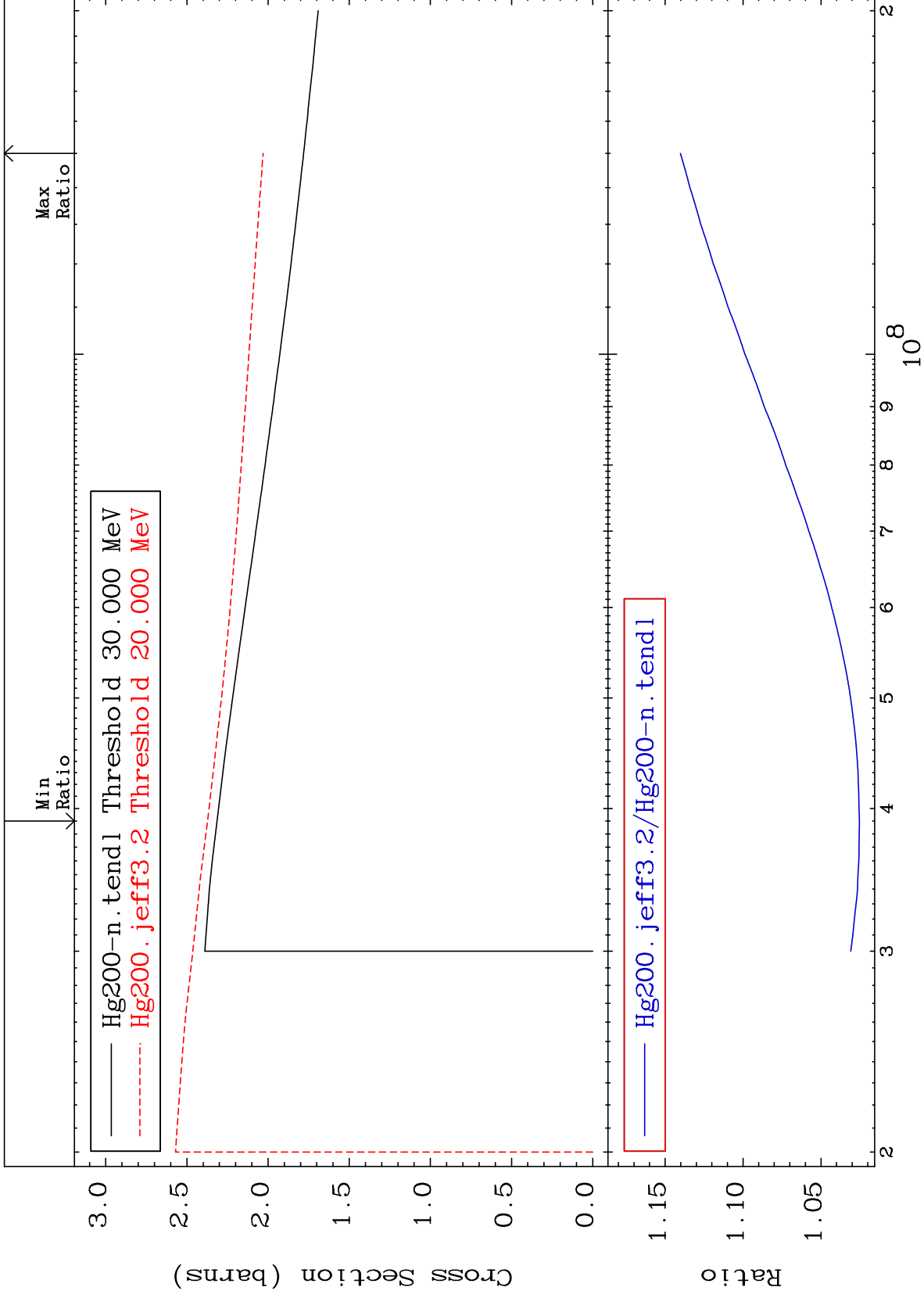
80-Hg-200
-100.0 To 60.06 %



MAT 8037

(n, remainder)
Cross Section

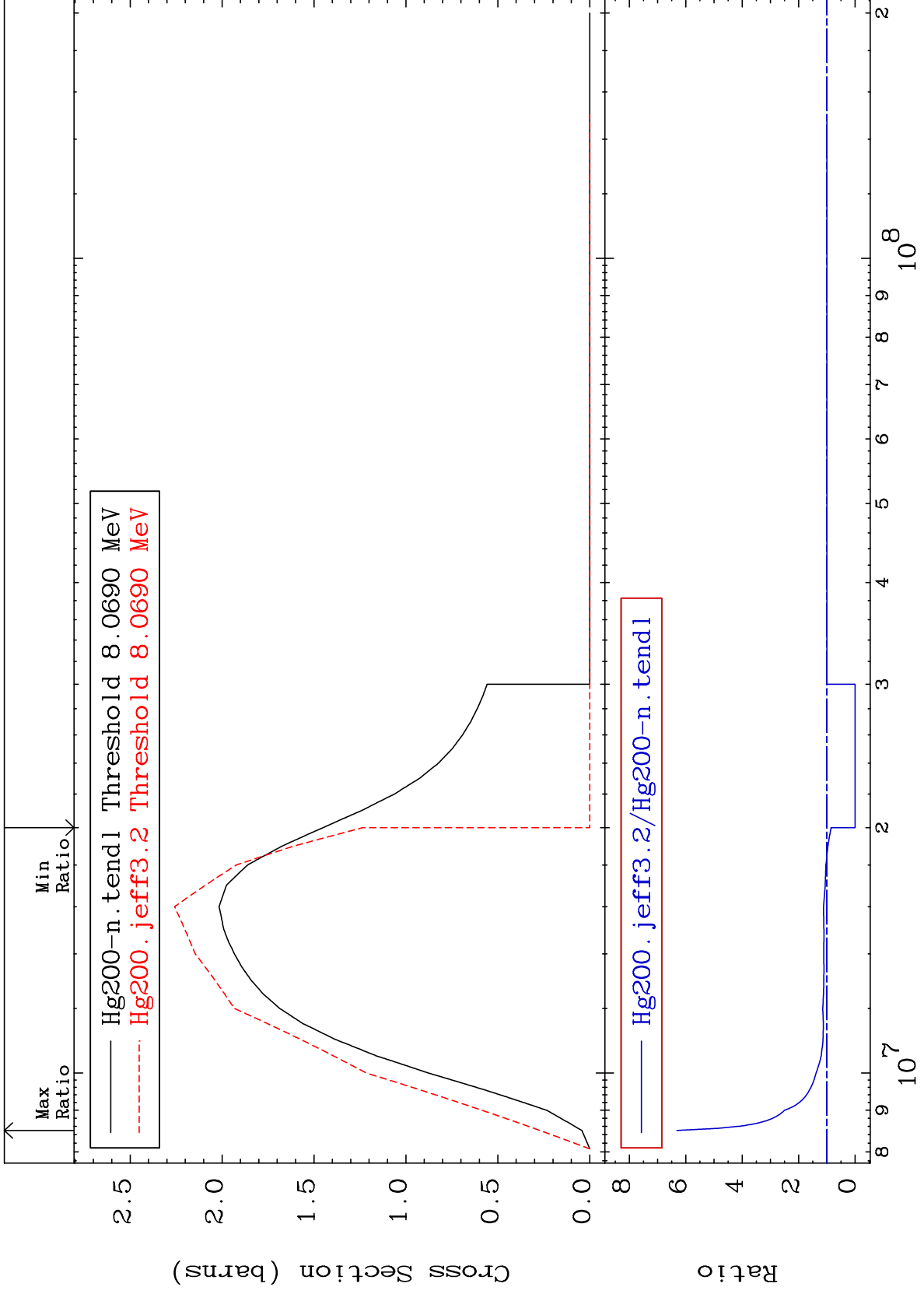
80-Hg-200
To 14.02 %
2.534



MAT 8037

(n,2n)
Cross Section

80-Hg-200
-100.0 To 531.2 %



80-Hg-200

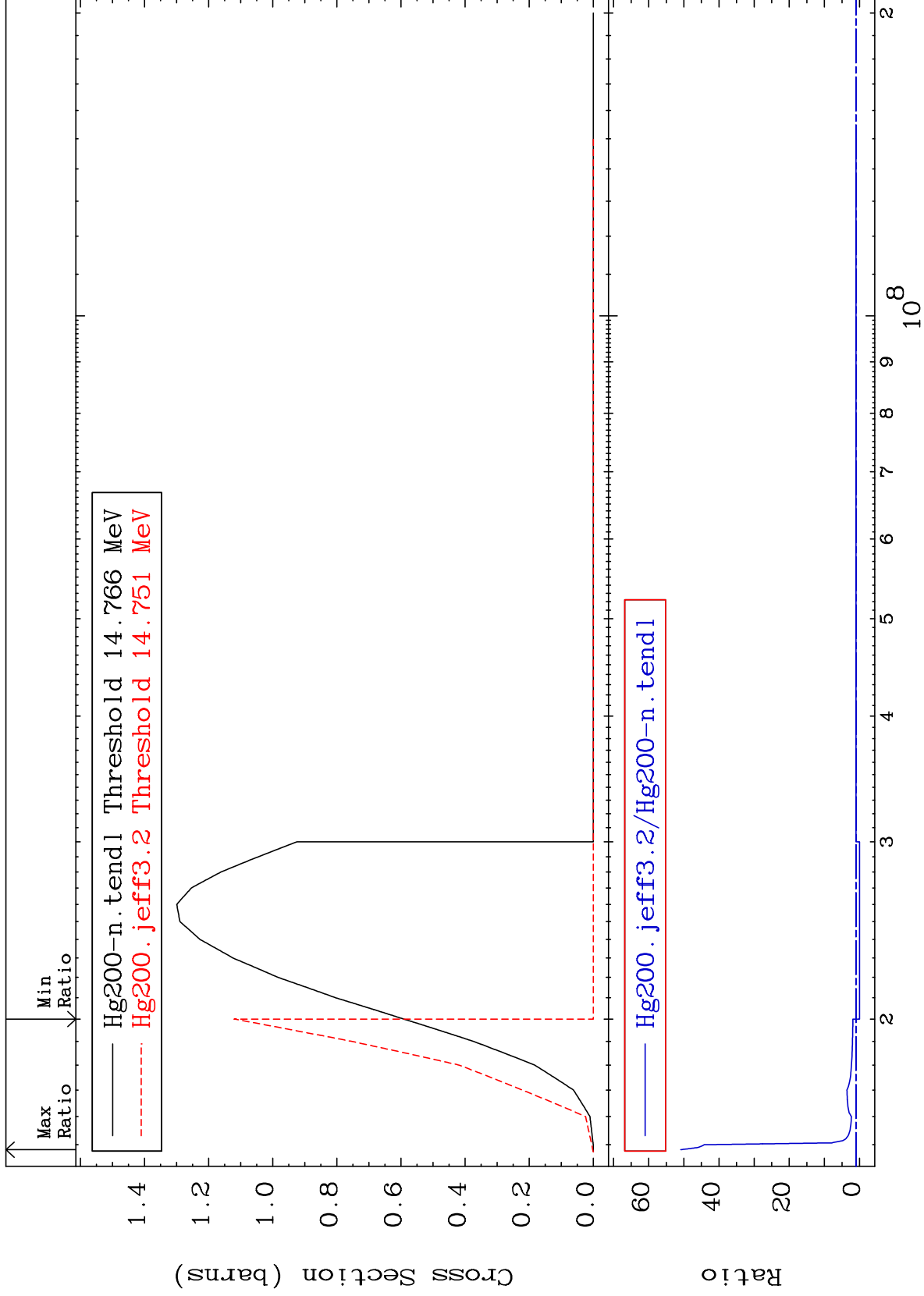
MAT 8037

(n,3n)

80-Hg-200

Cross Section

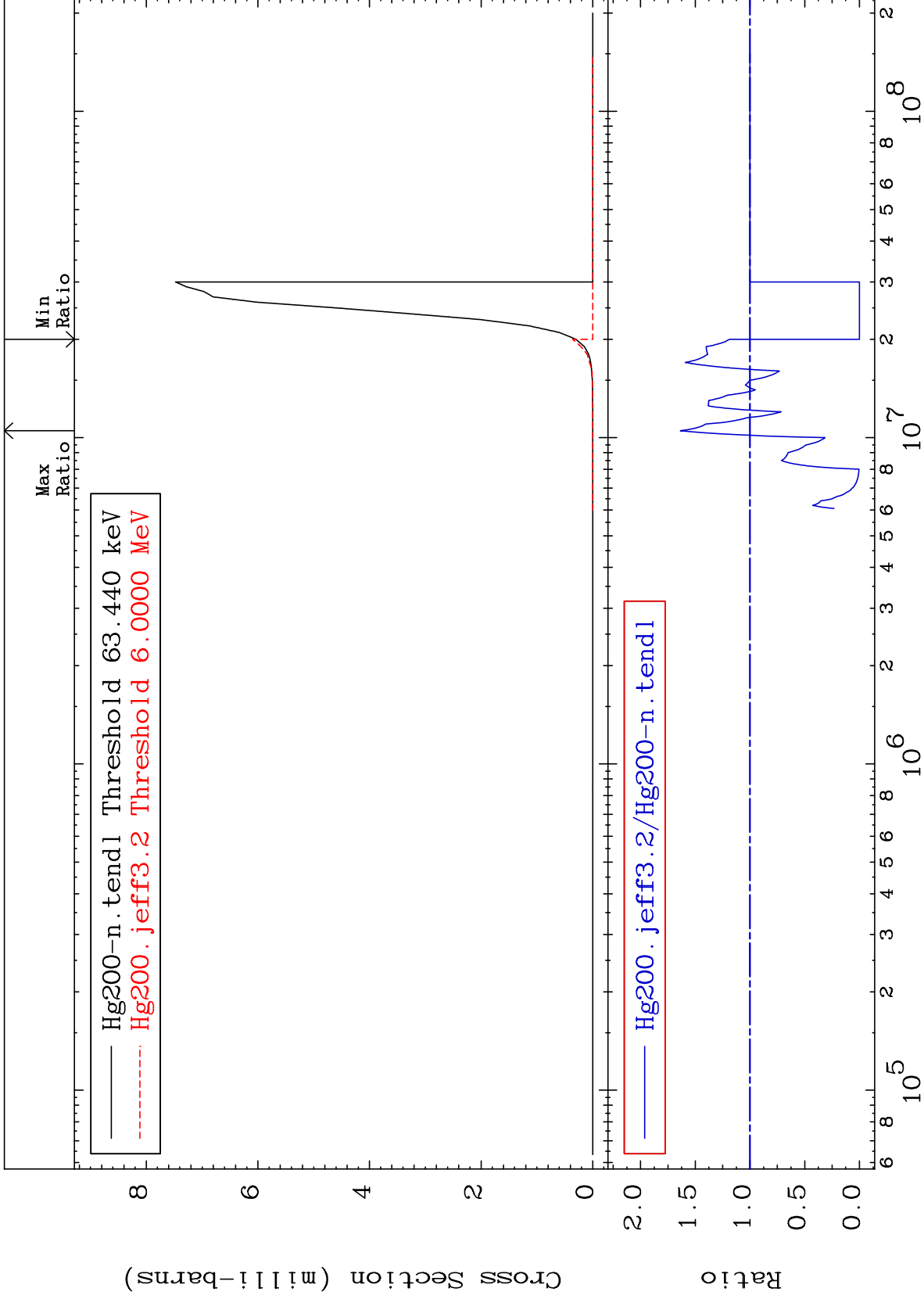
-100.0 To 4987. %



MAT 8037

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

80-Hg-200
-100.0 To 63.63 %



7

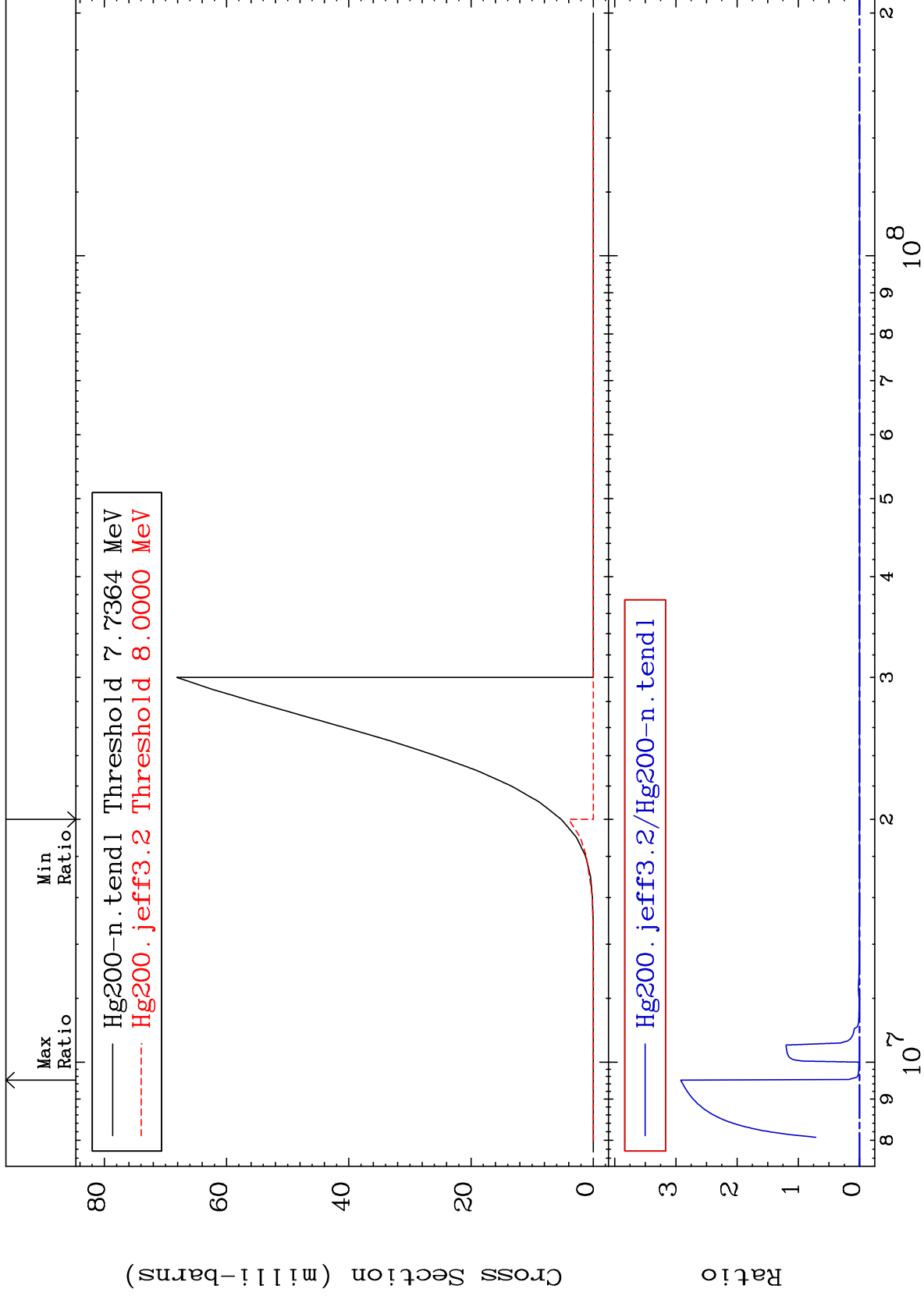
Incident Energy (eV)

80-Hg-200

MAT 8037

(n,n') p
Cross Section

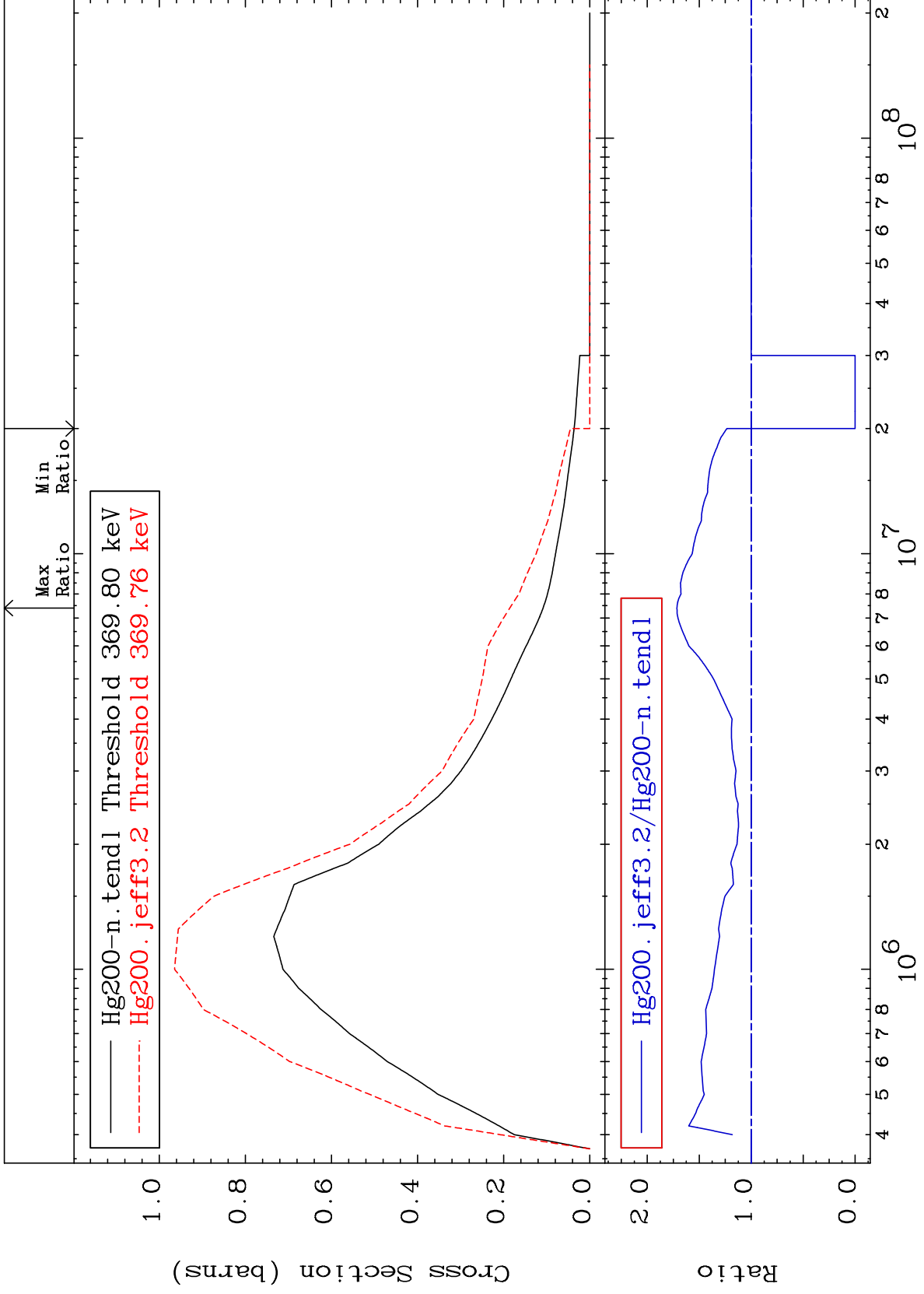
80-Hg-200
-100.0 To 9999. %



MAT 8037

367.9 keV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 71.47 %



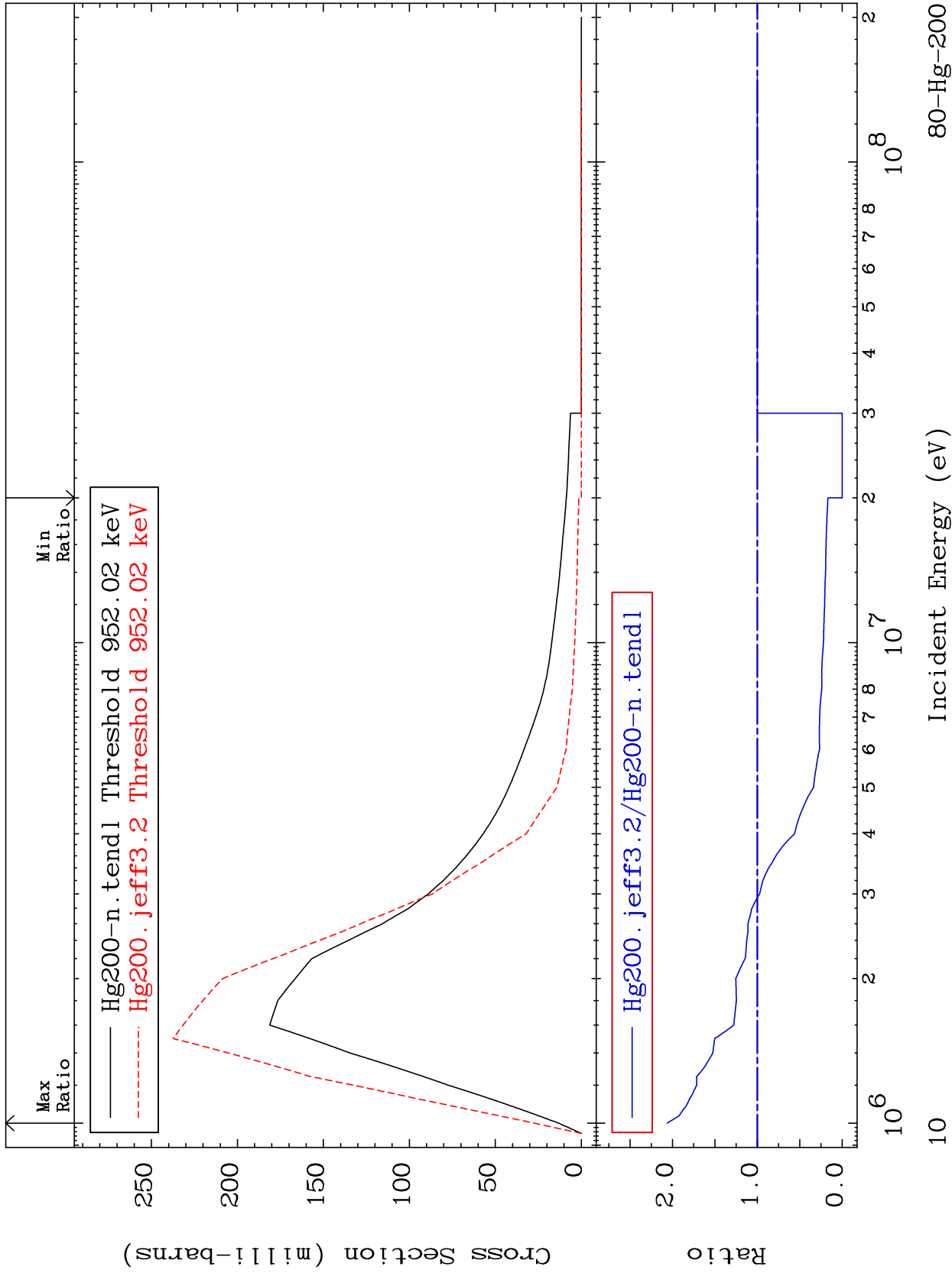
MAT 8037

947.2 keV (n,n') Level

80-Hg-200

Cross Section

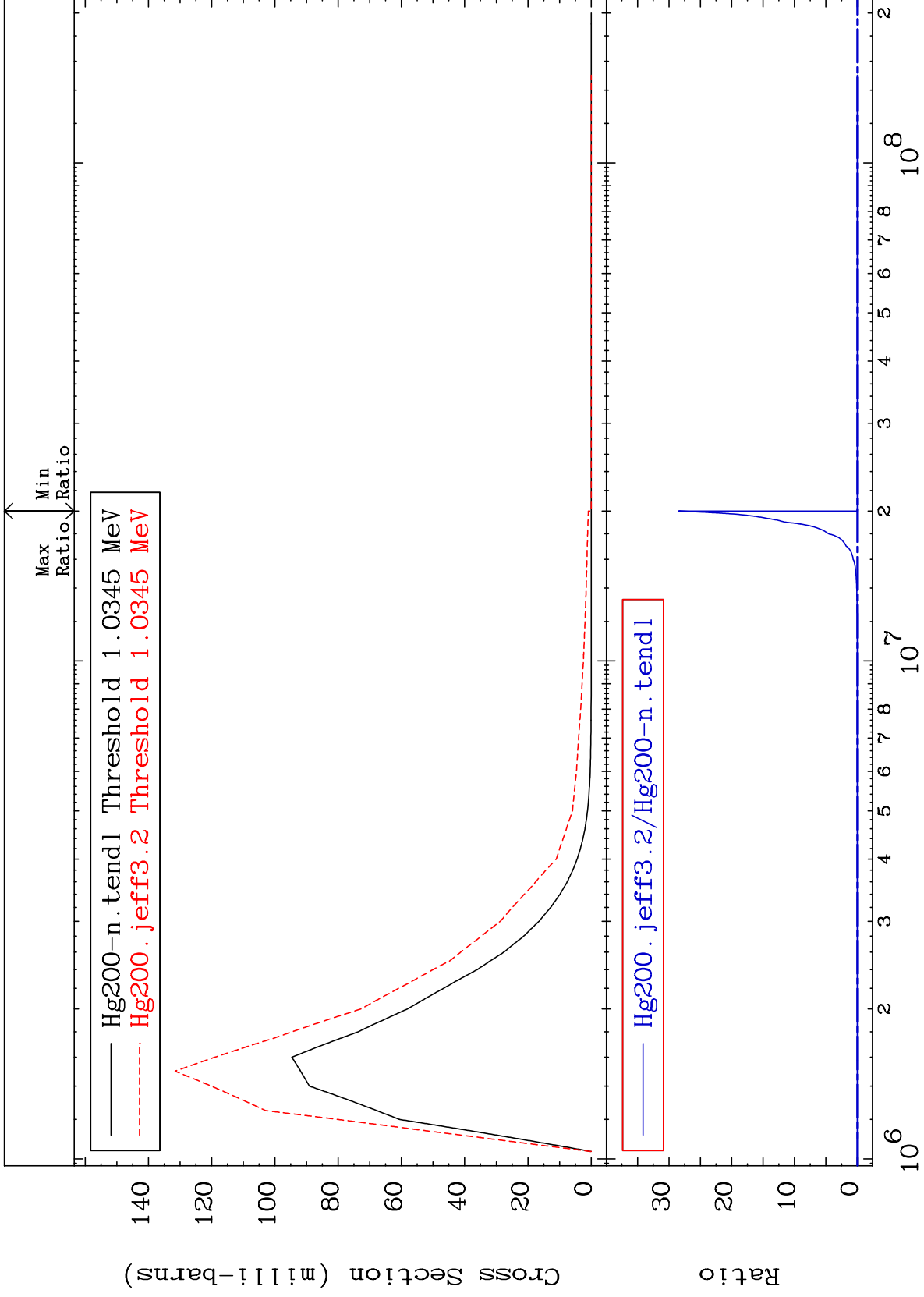
-100.0 To 106.4 %



MAT 8037

1.029 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 9999. %

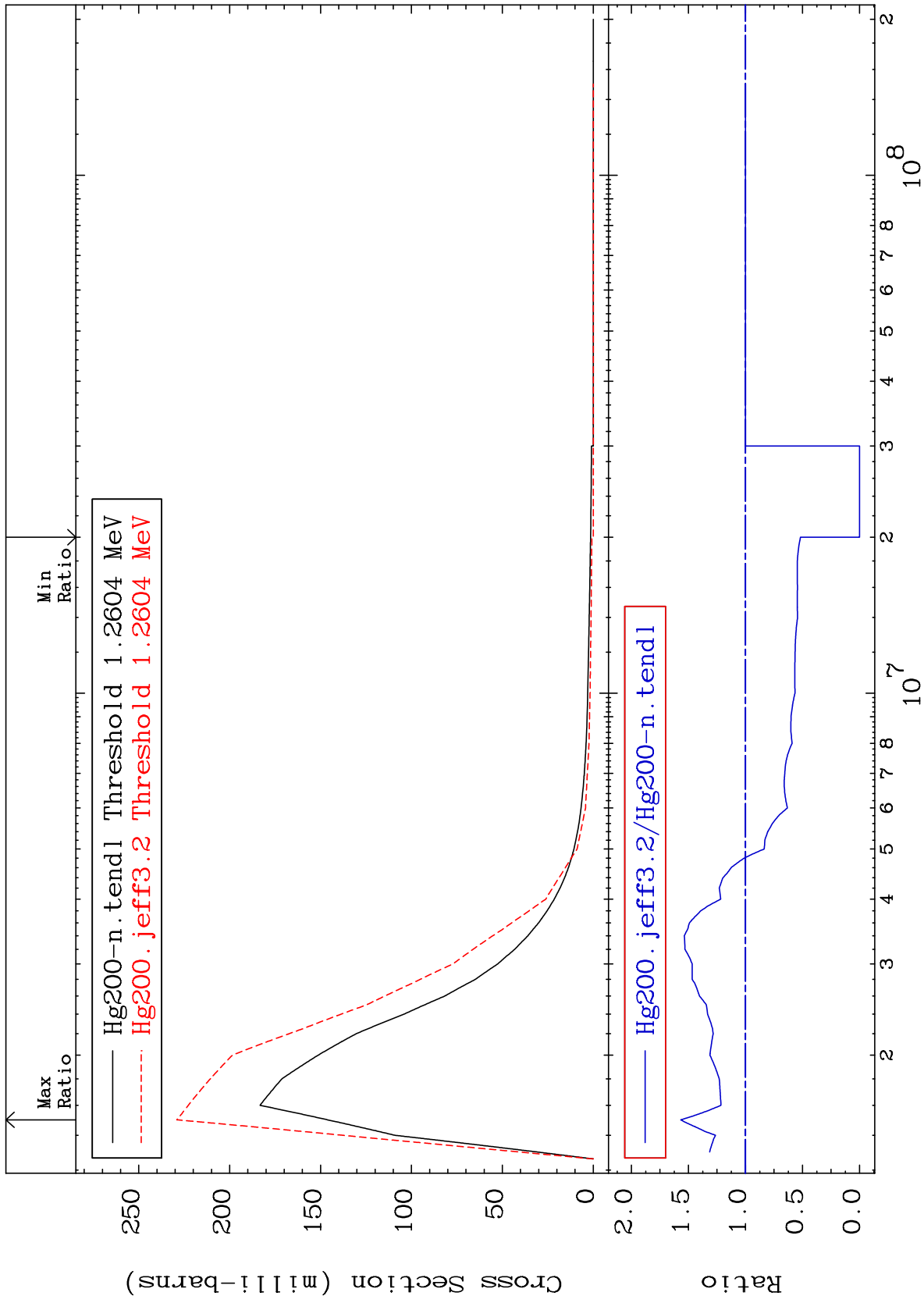


11

Incident Energy (eV)

80-Hg-200

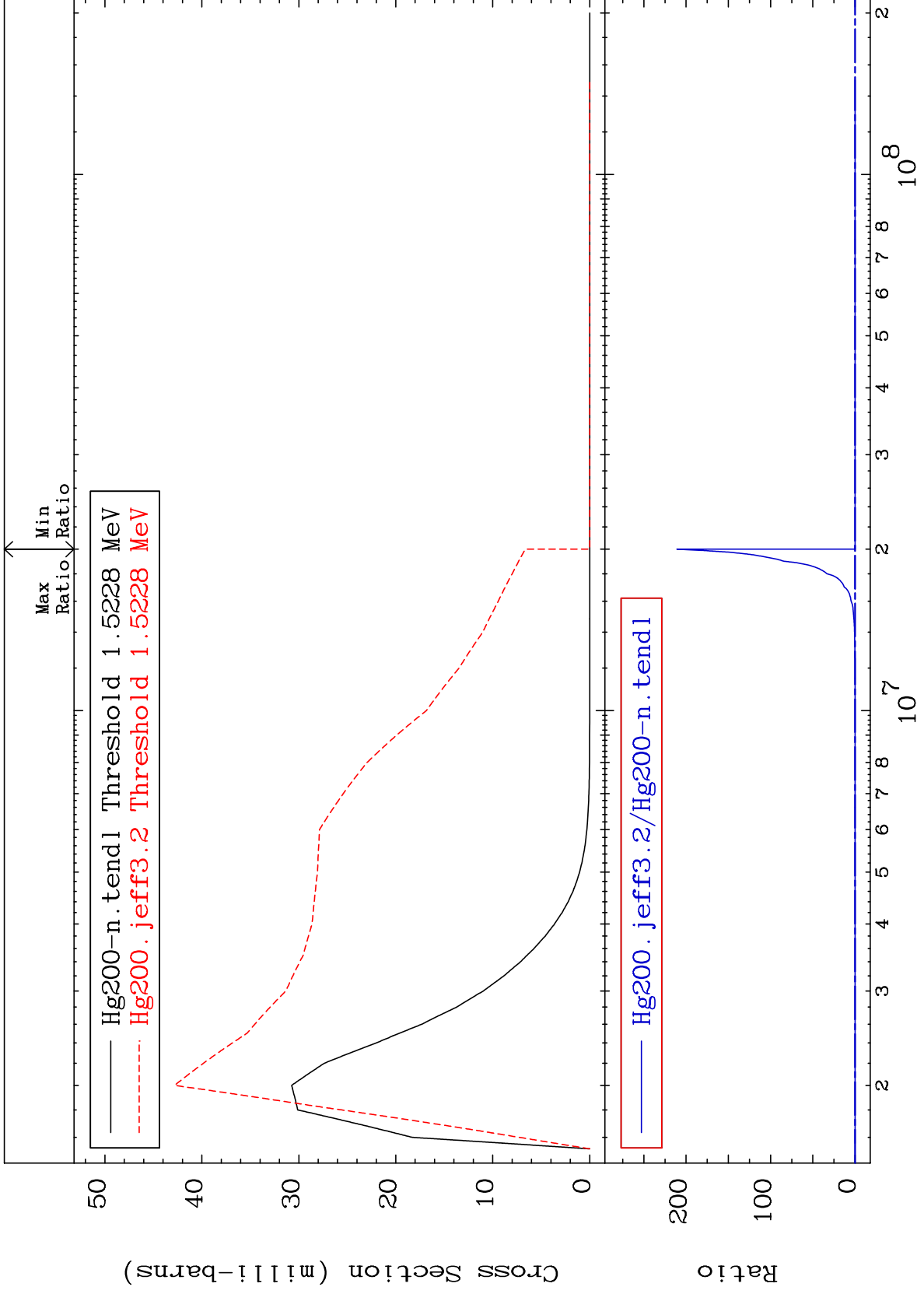
MAT 8037 1.254 MeV (n,n') Level 80-Hg-200
 Cross Section -100.0 To 56.75 %



MAT 8037

1.515 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 9999. %



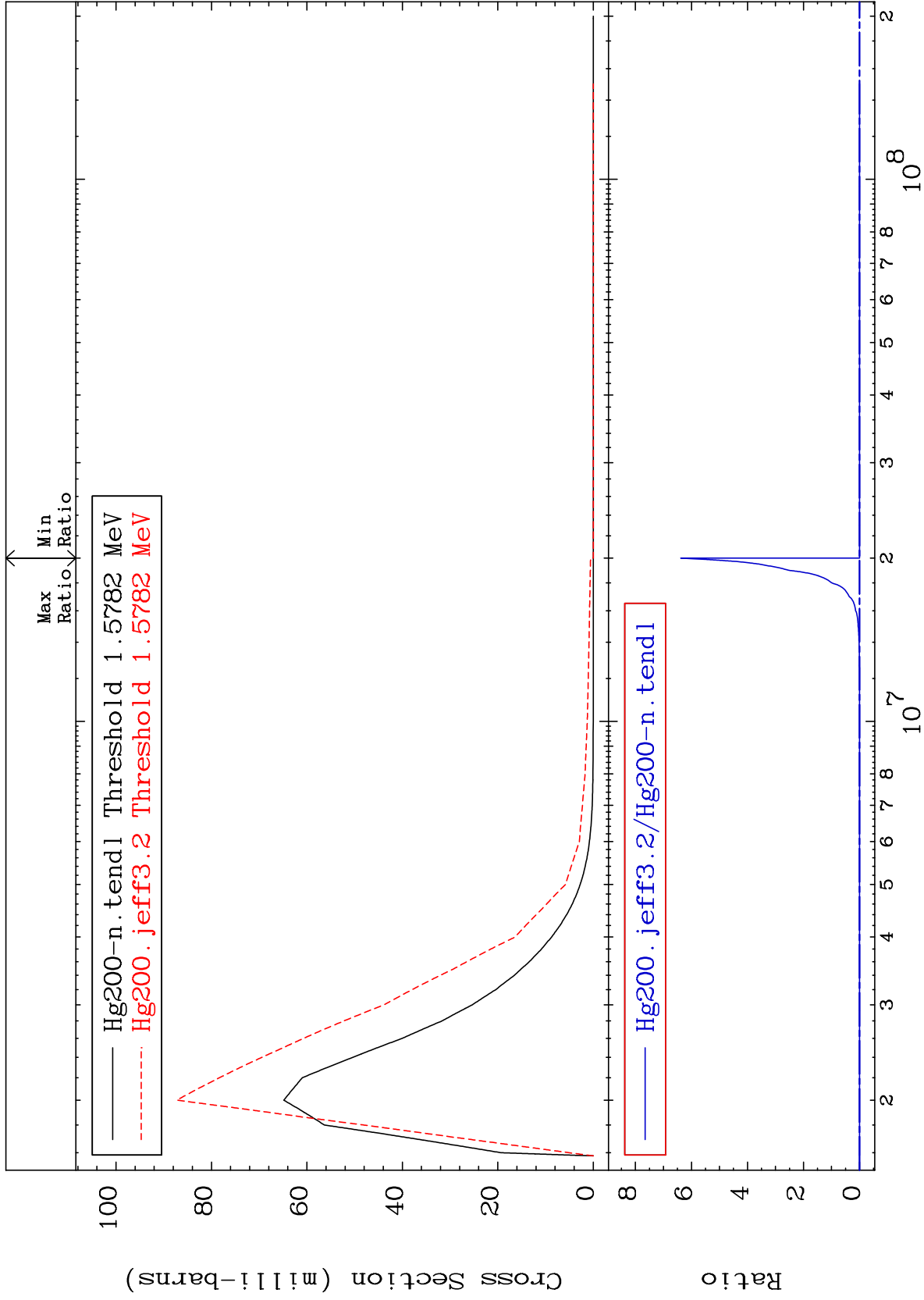
MAT 8037

1.570 MeV (n,n') Level

80-Hg-200

-100.0 To 9999. %

Cross Section



14

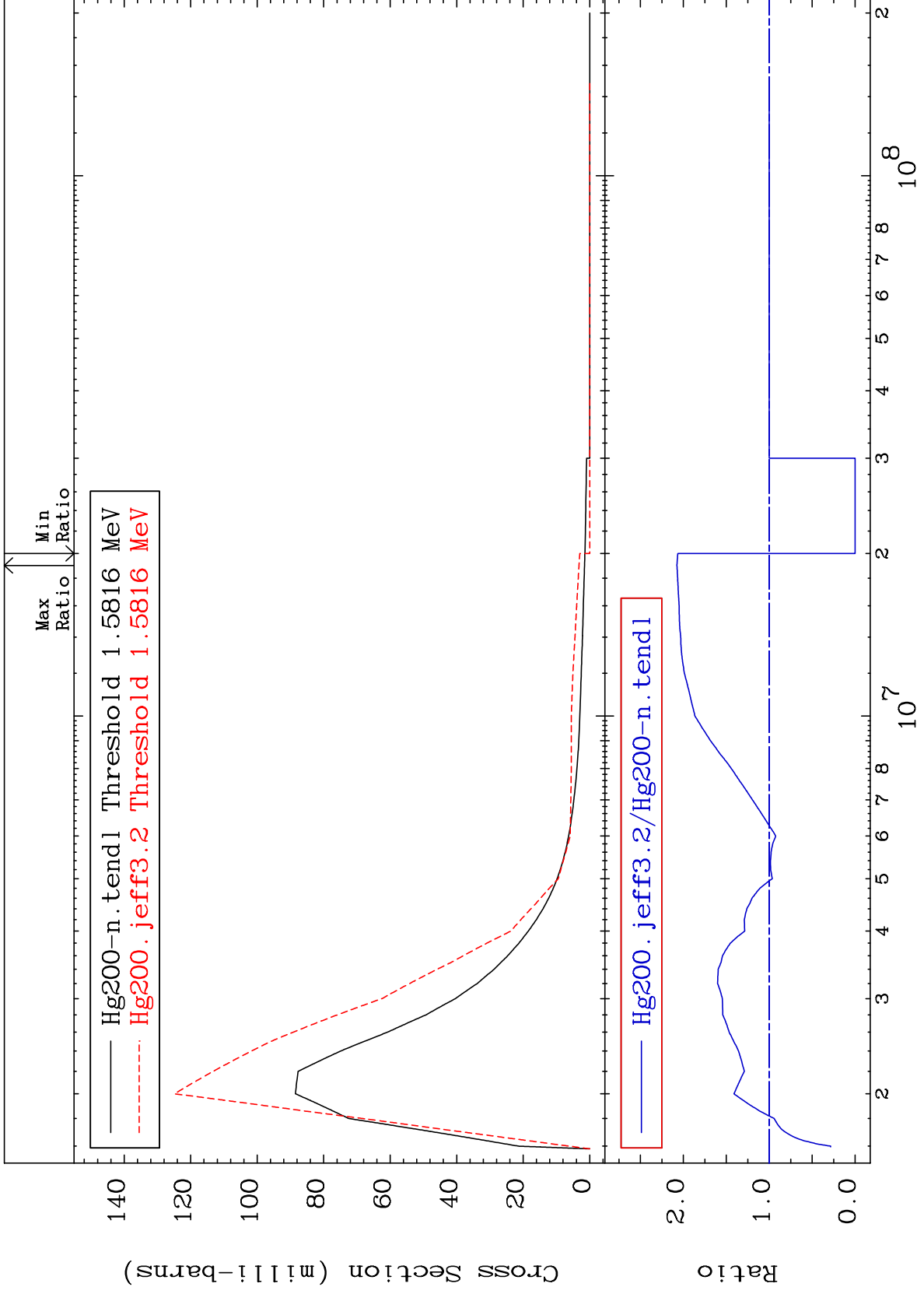
Incident Energy (eV)

80-Hg-200

MAT 8037

1.574 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 107.5 %



15

Incident Energy (eV)

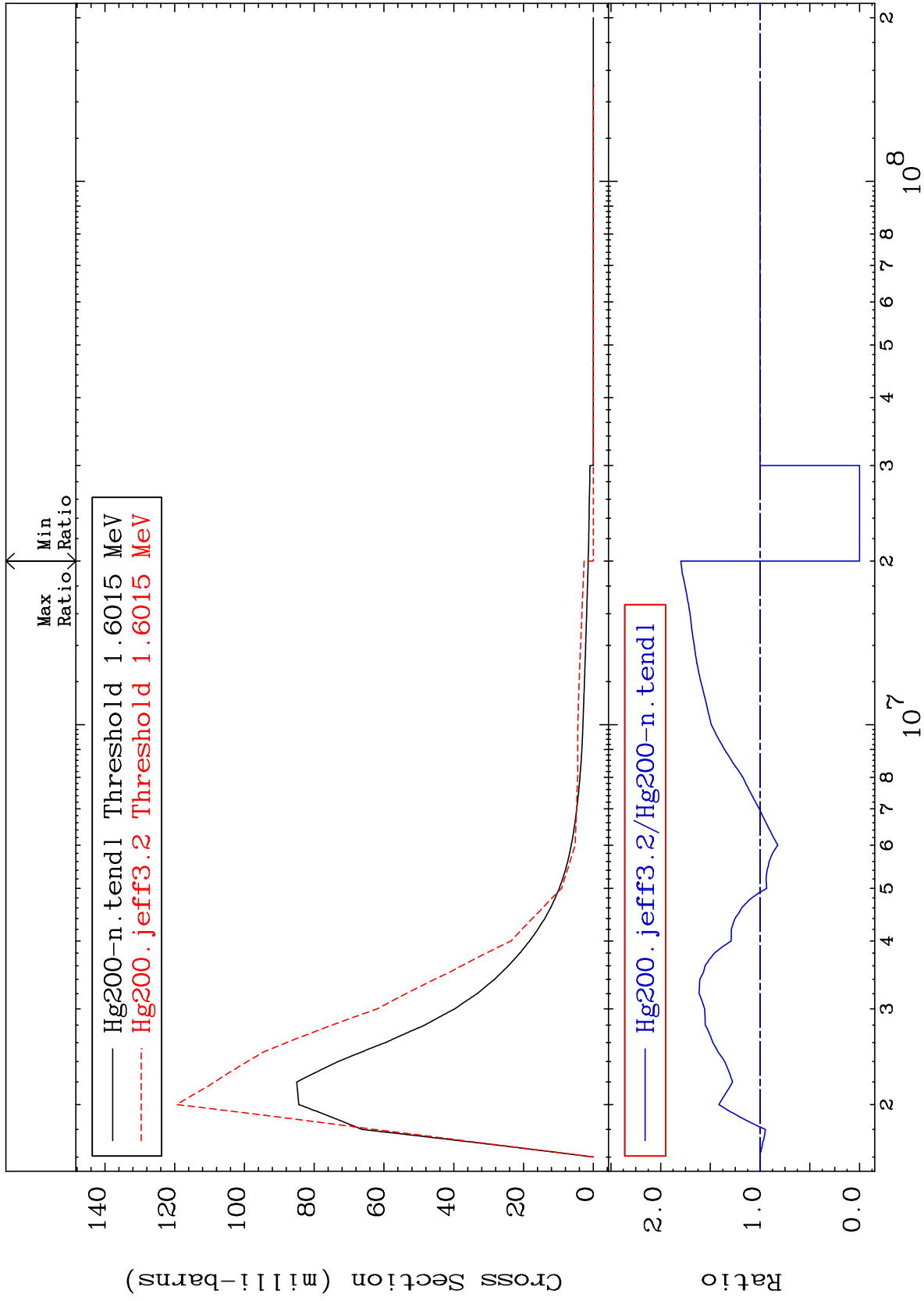
80-Hg-200

MAT 8037

1.593 MeV (n,n') Level

80-Hg-200

-100.0 To 79.76 %



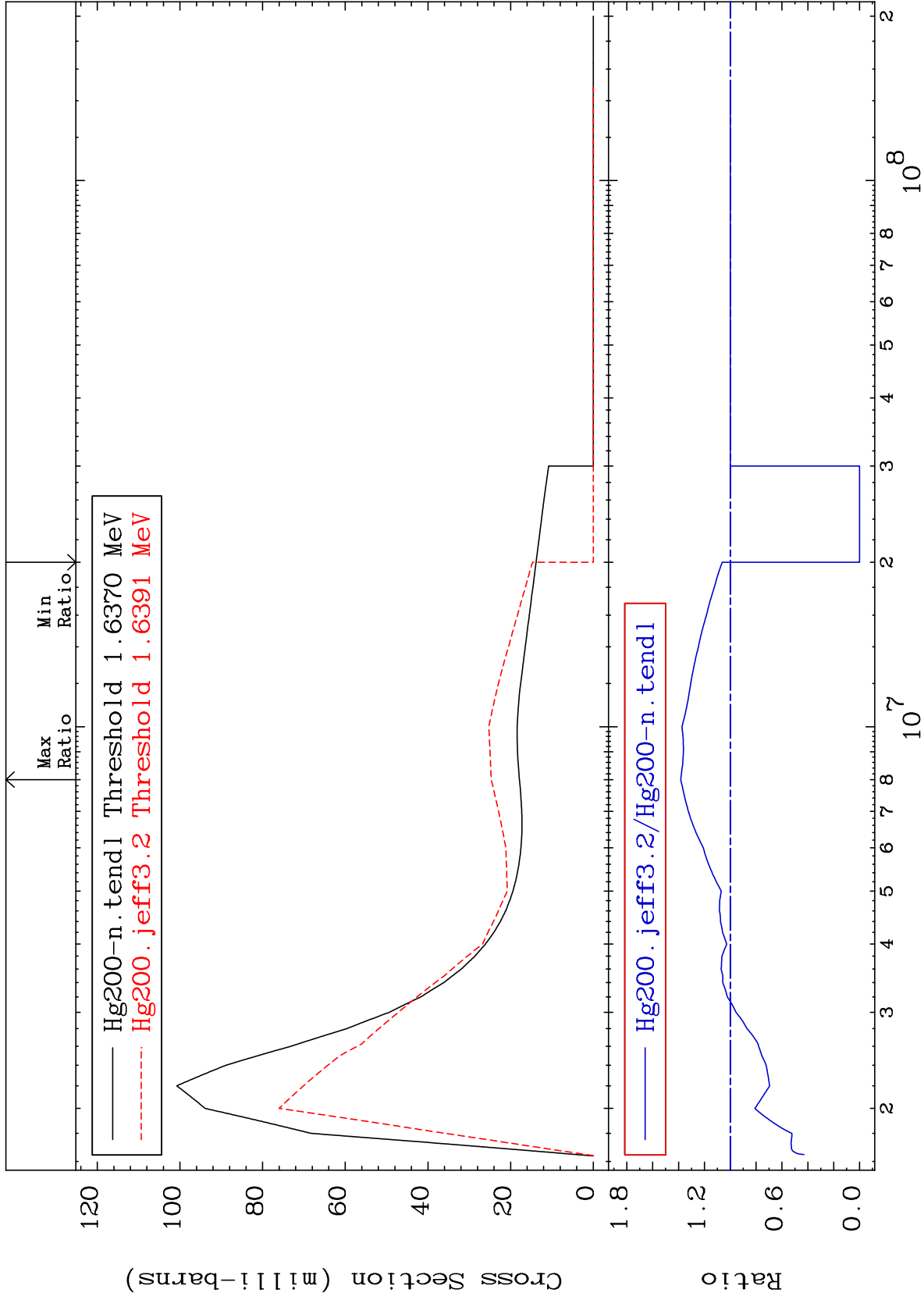
MAT 8037

1.629 MeV (n,n') Level

80-Hg-200

-100.0 To 38.29 %

Cross Section



17

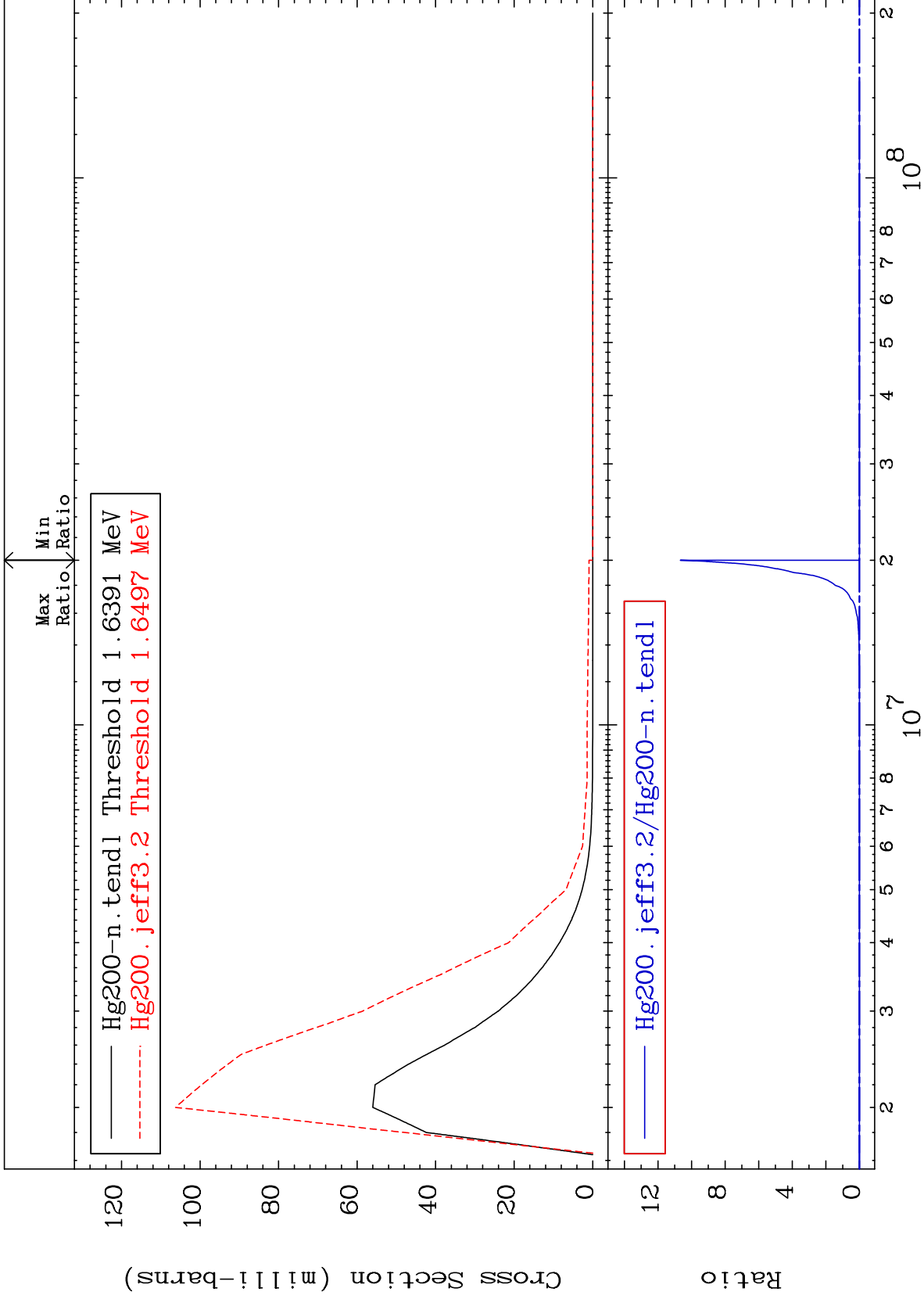
Incident Energy (eV)

80-Hg-200

MAT 8037

1.631 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 9999. %



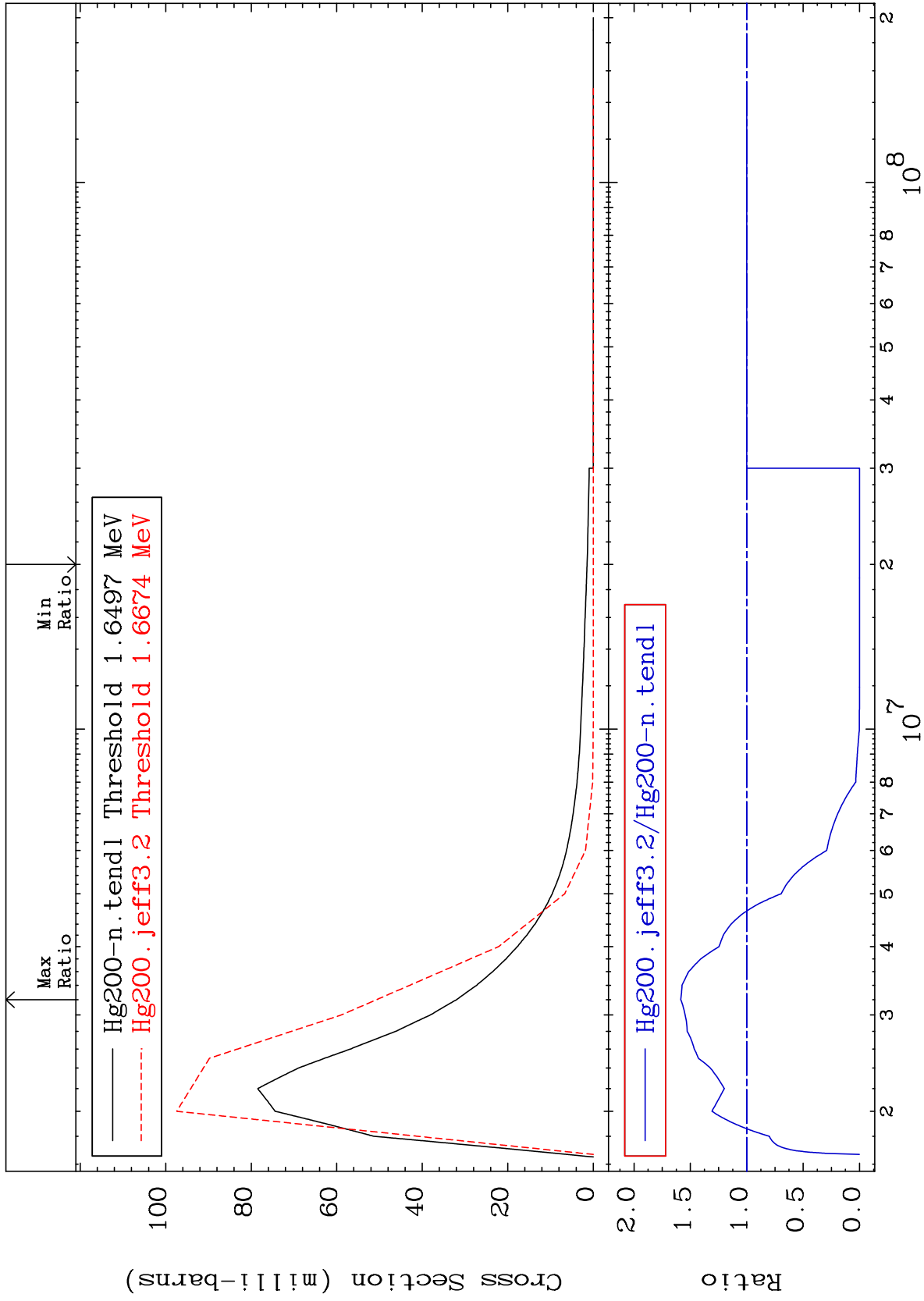
MAT 8037

1.641 MeV (n,n') Level

80-Hg-200

-100.0 To 58.53 %

Cross Section



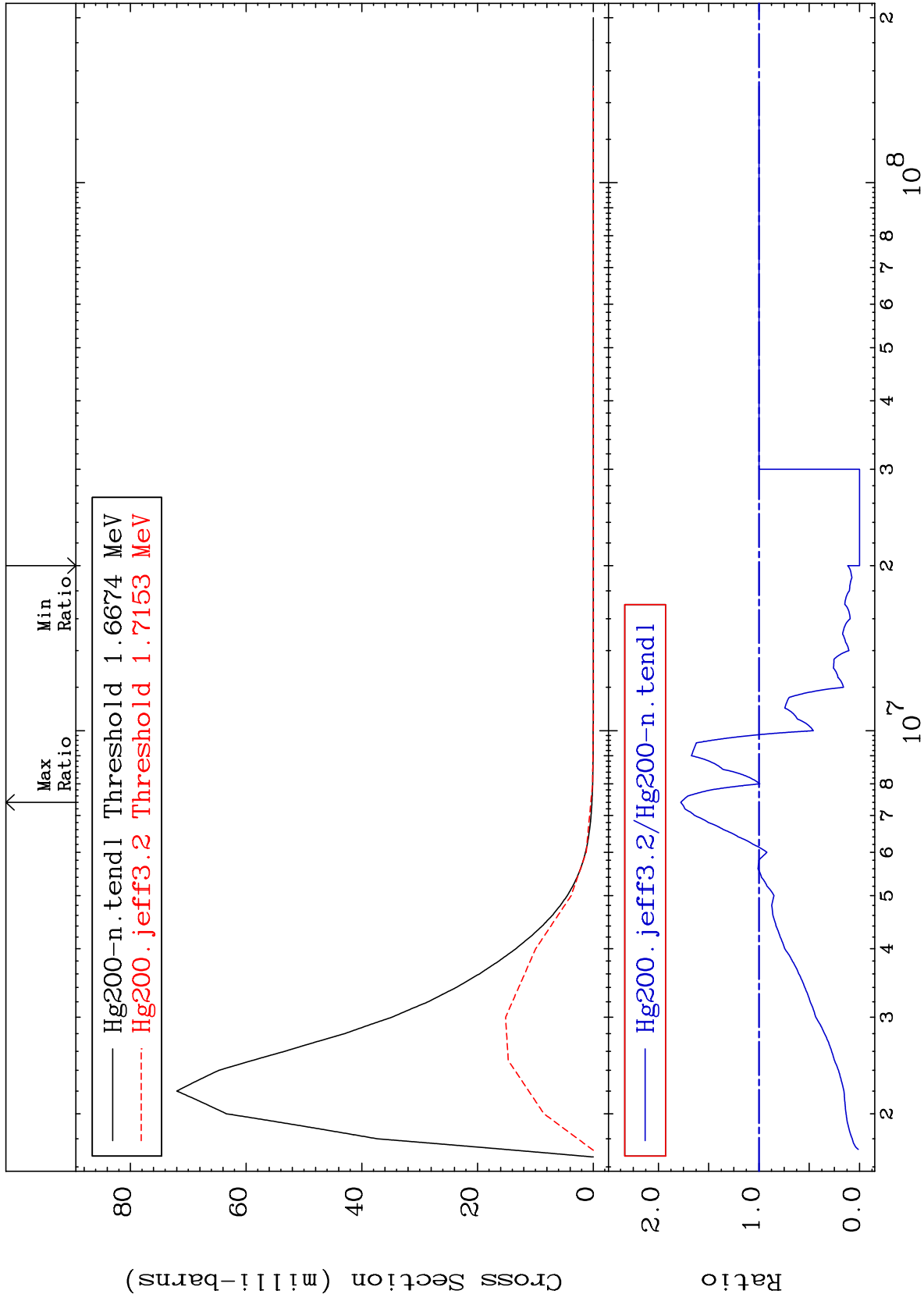
MAT 8037

1.659 MeV (n,n') Level

80-Hg-200

-100.0 To 77.71 %

Cross Section



20

Incident Energy (eV)

80-Hg-200

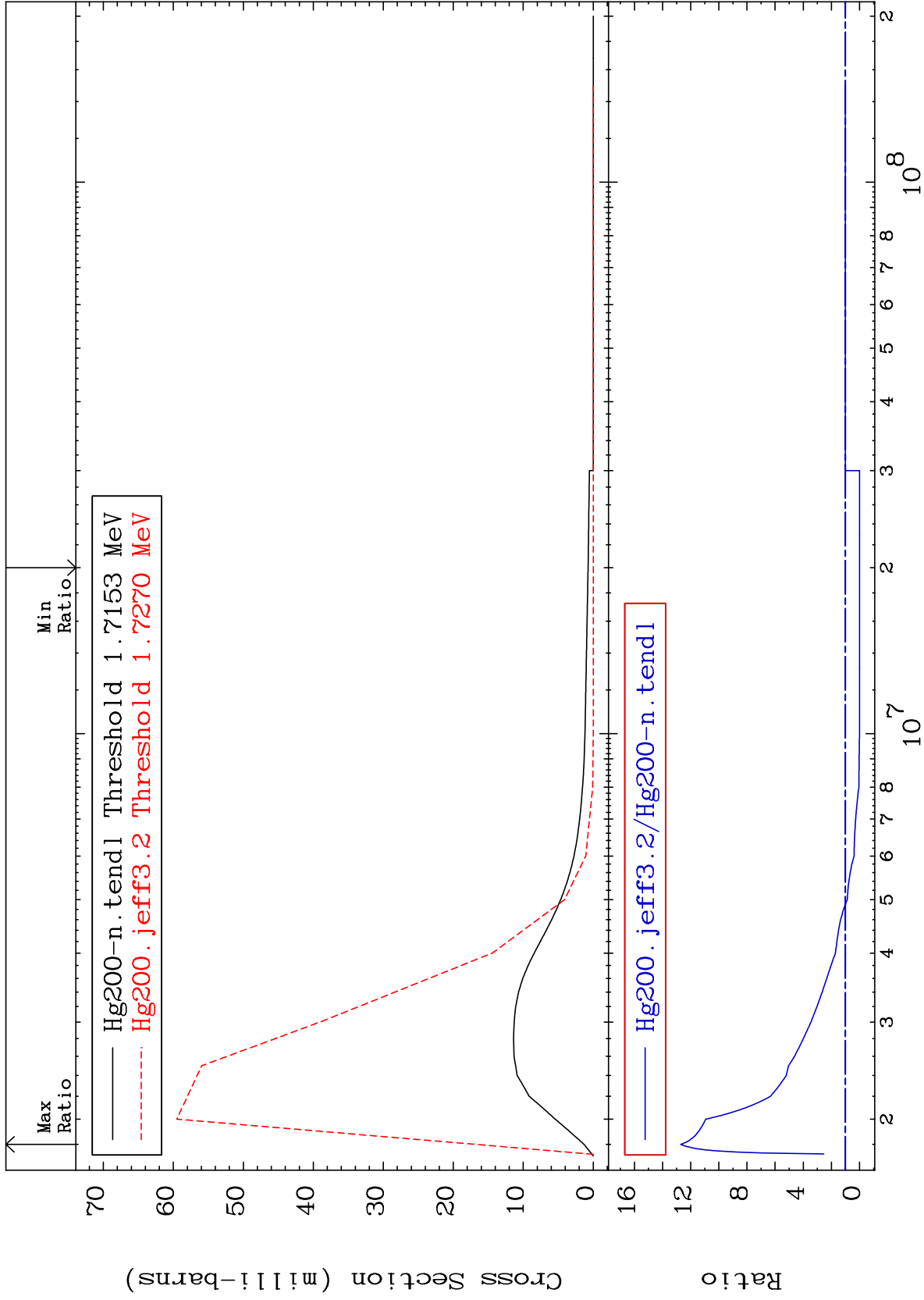
MAT 8037

1.707 MeV (n,n') Level

80-Hg-200

-100.0 To 1171. %

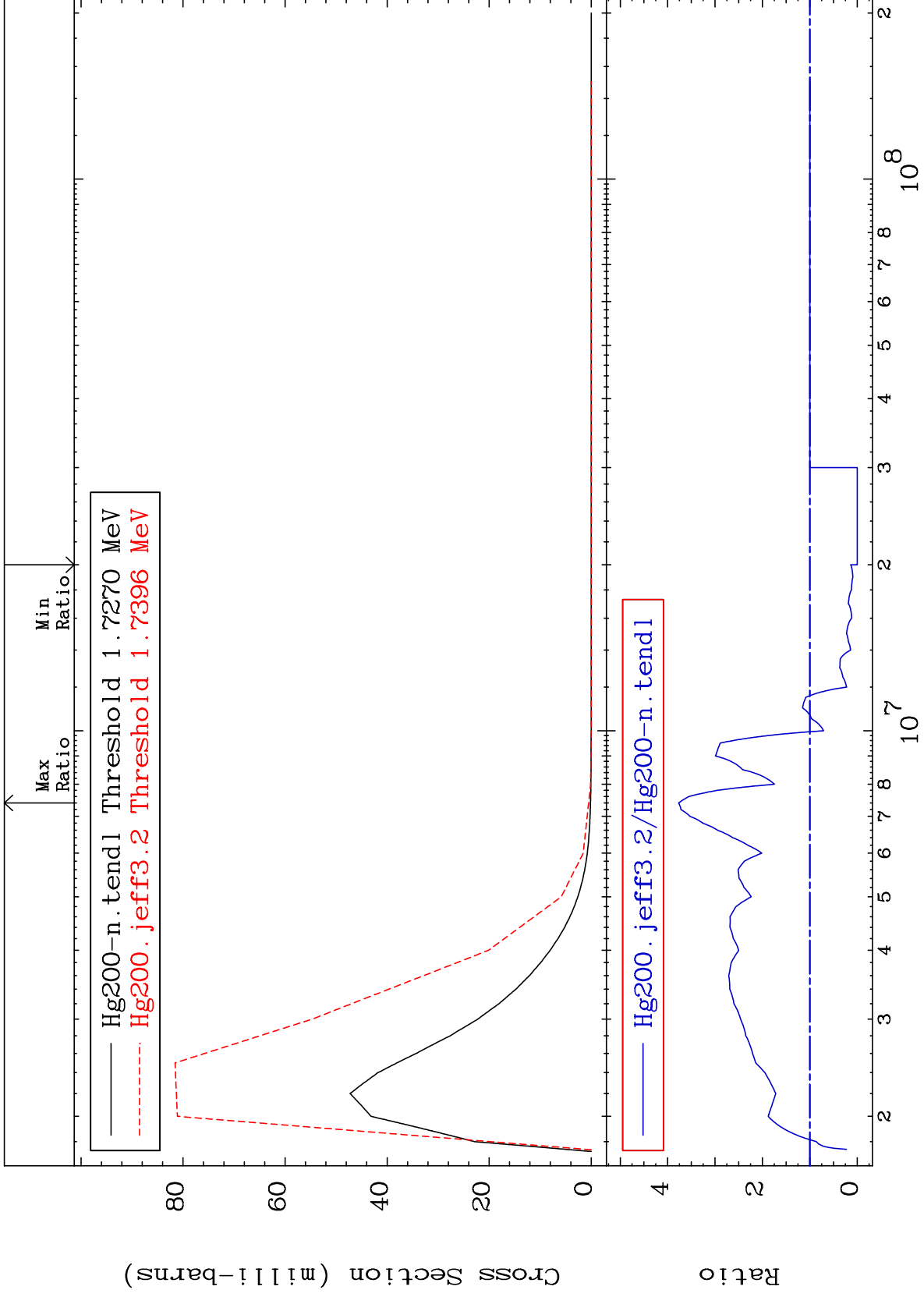
Cross Section



MAT 8037

1.718 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 276.8 %



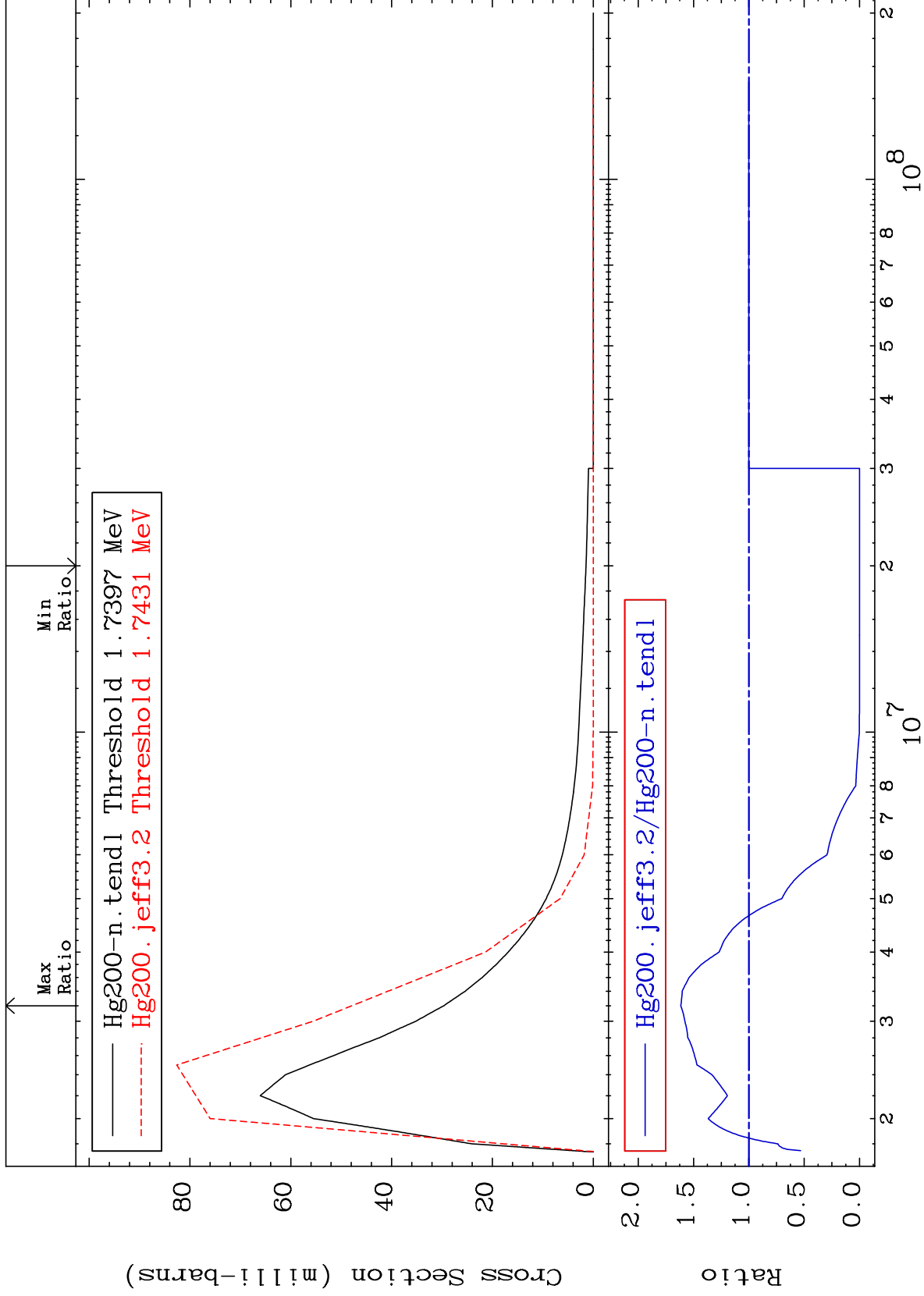
MAT 8037

1.731 MeV (n, n') Level

80-Hg-200

-100.0 To 61.56 %

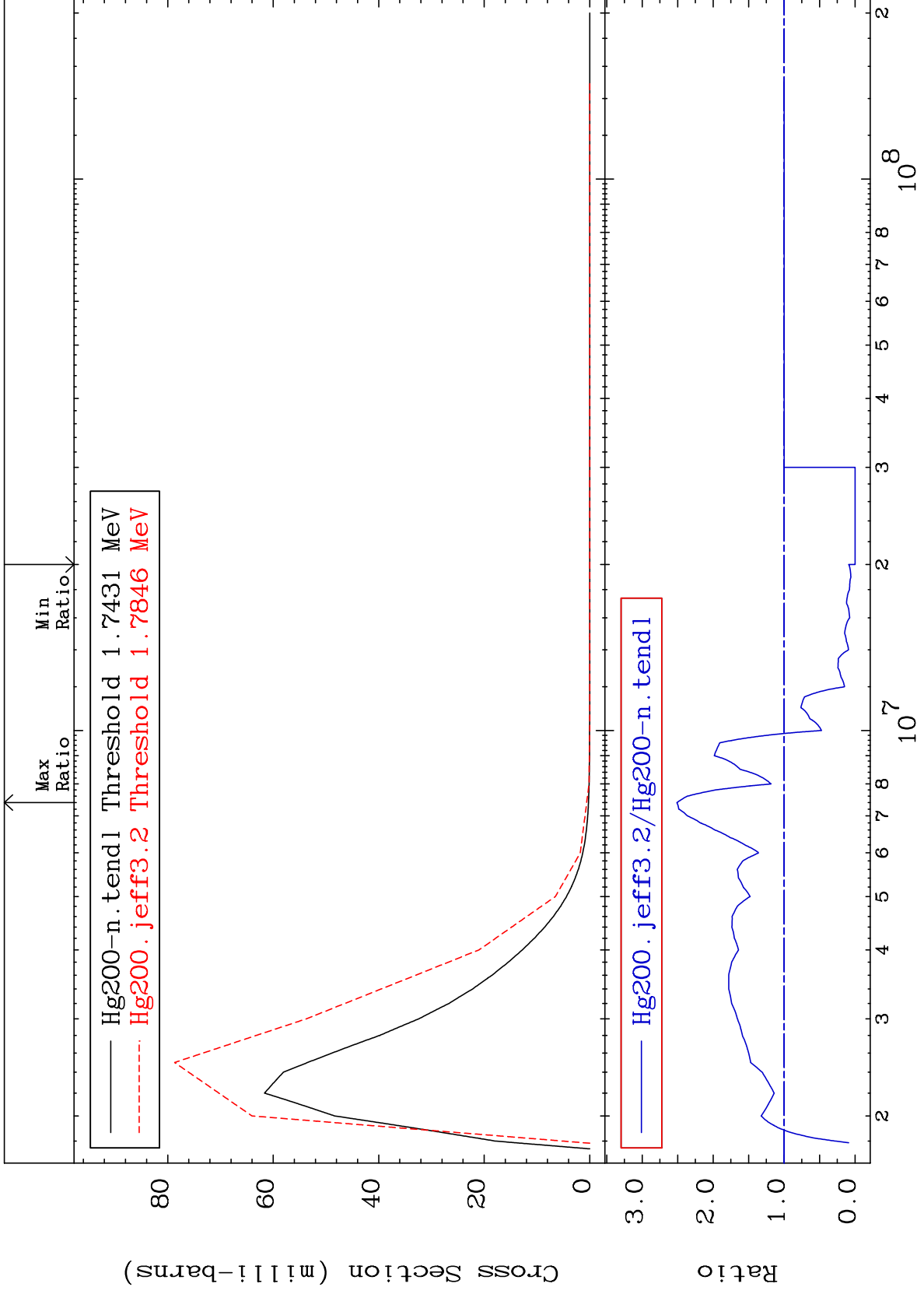
Cross Section



MAT 8037

1.734 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 151.0 %



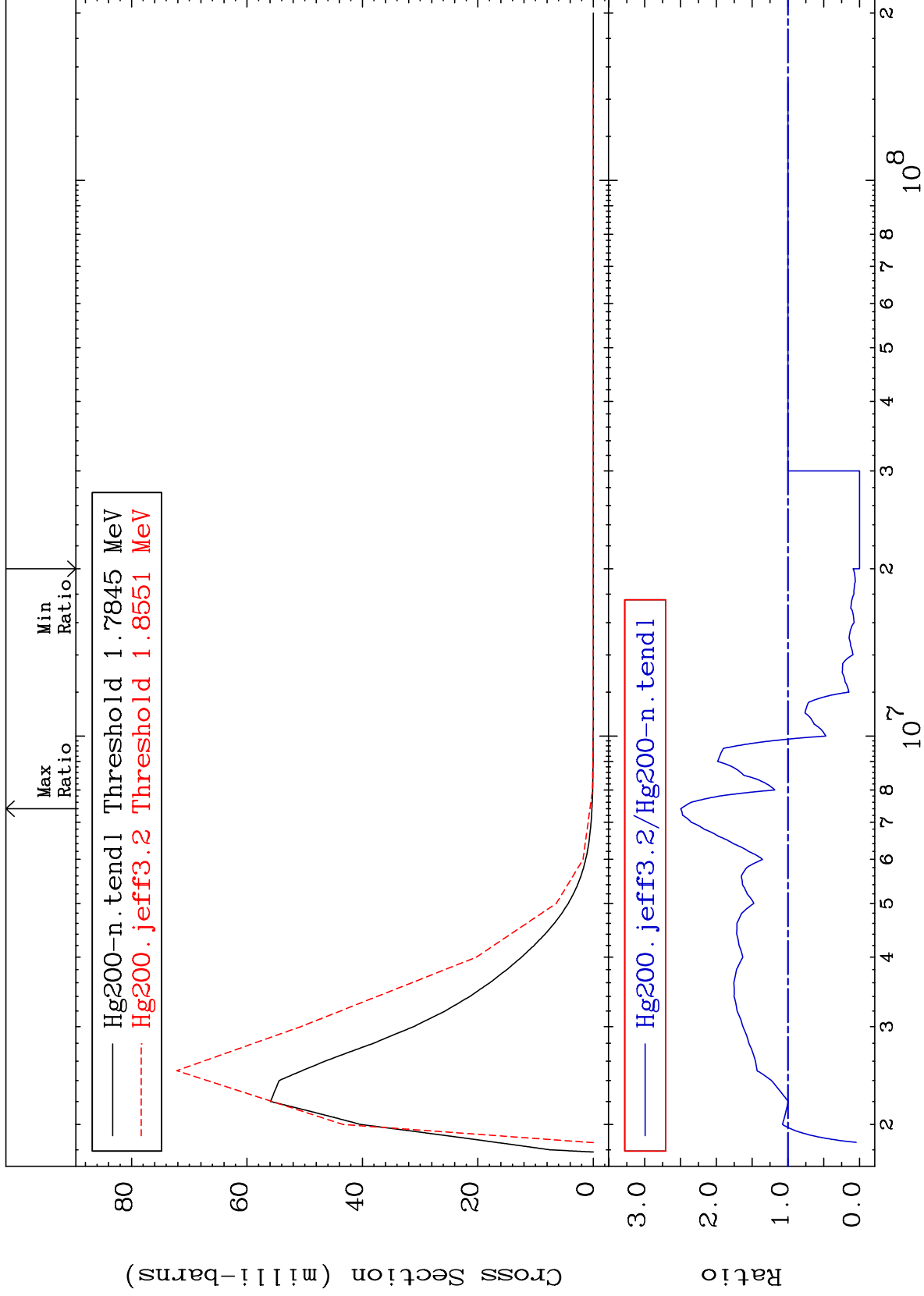
MAT 8037

1.776 MeV (n,n') Level

80-Hg-200

-100.0 To 149.6 %

Cross Section



25

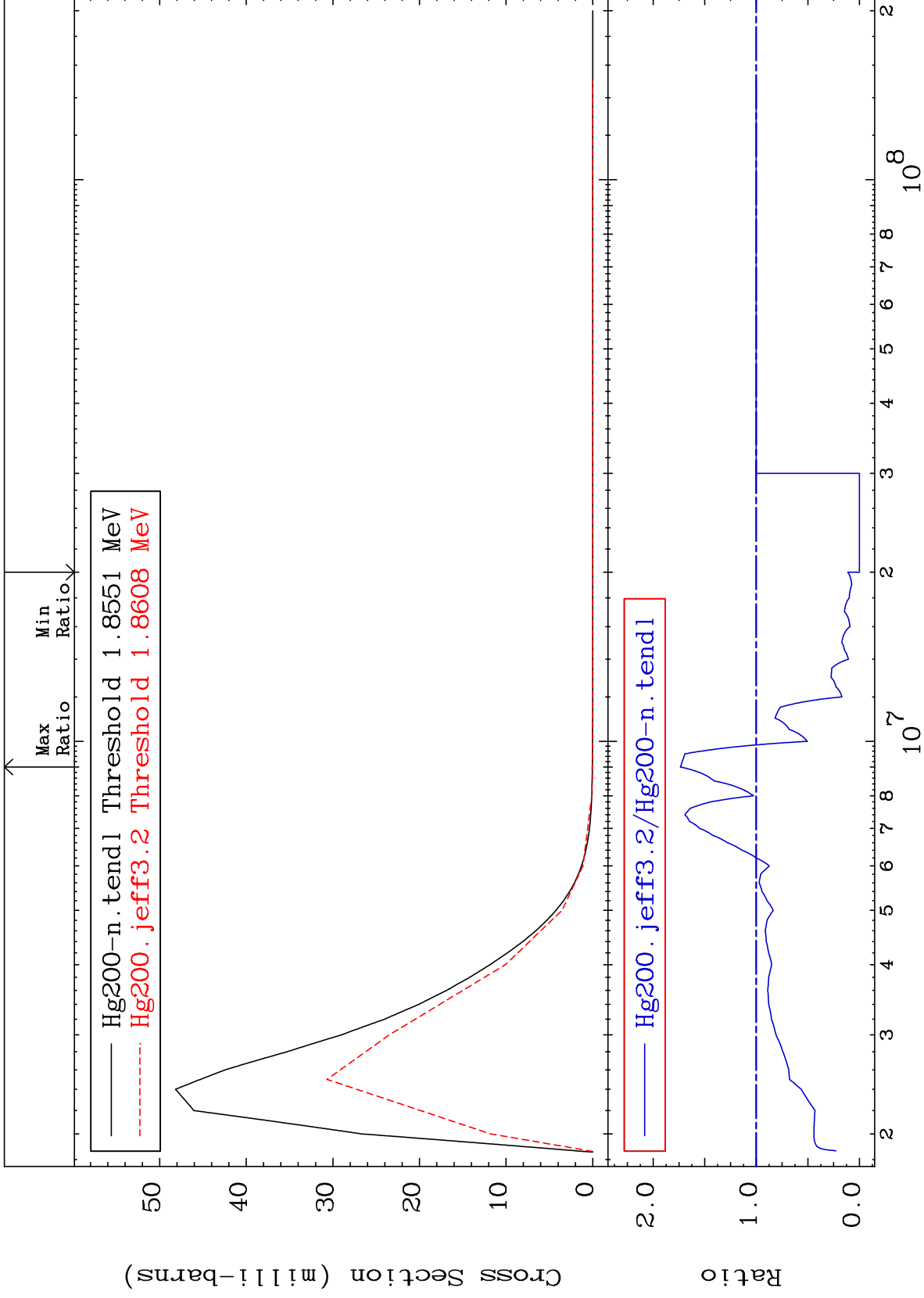
Incident Energy (eV)

80-Hg-200

MAT 8037

1.846 MeV (n,n') Level
Cross Section

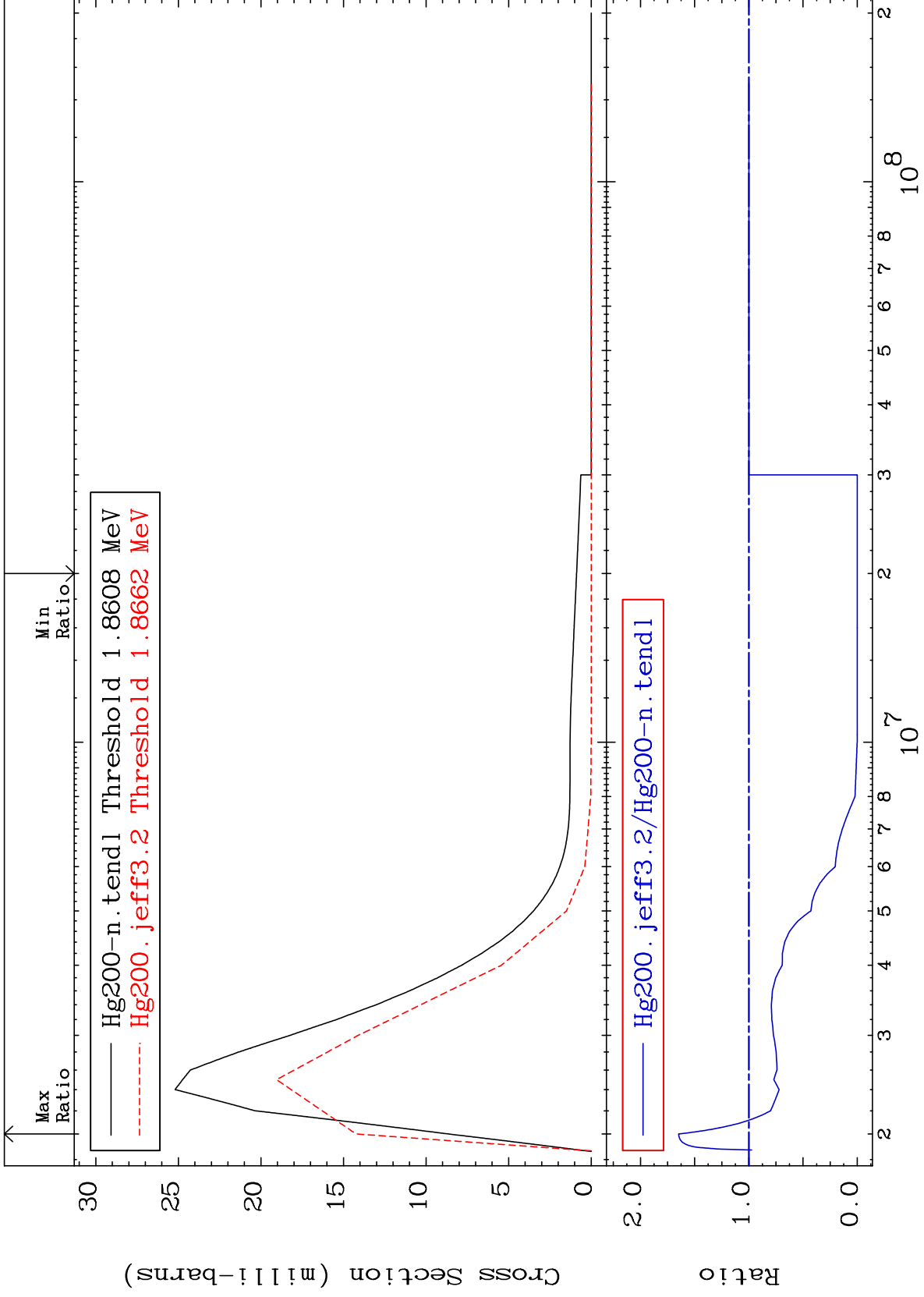
80-Hg-200
-100.0 To 73.64 %



MAT 8037

1.851 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 64.77 %

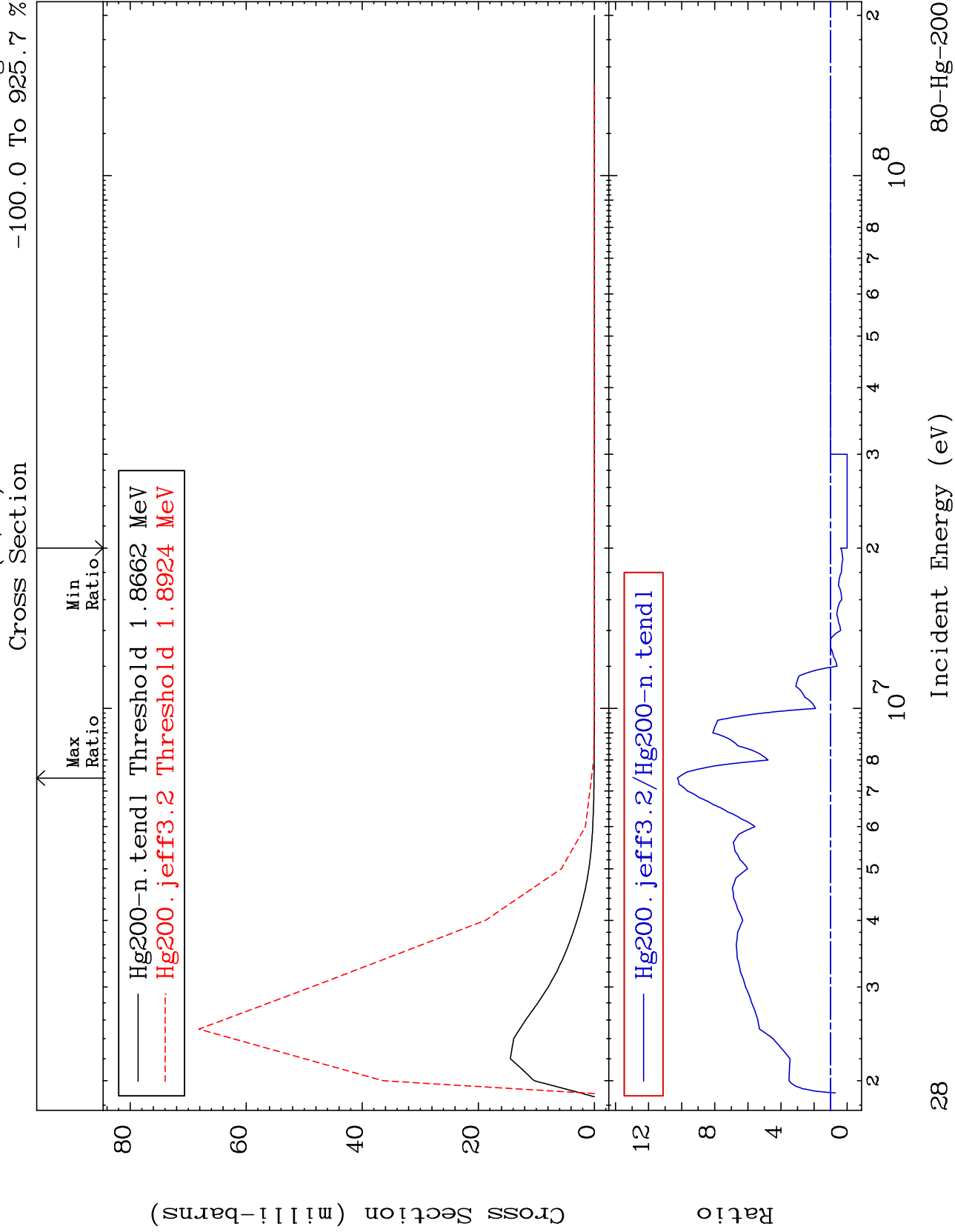


MAT 8037

1.857 MeV (n,n') Level

80-Hg-200

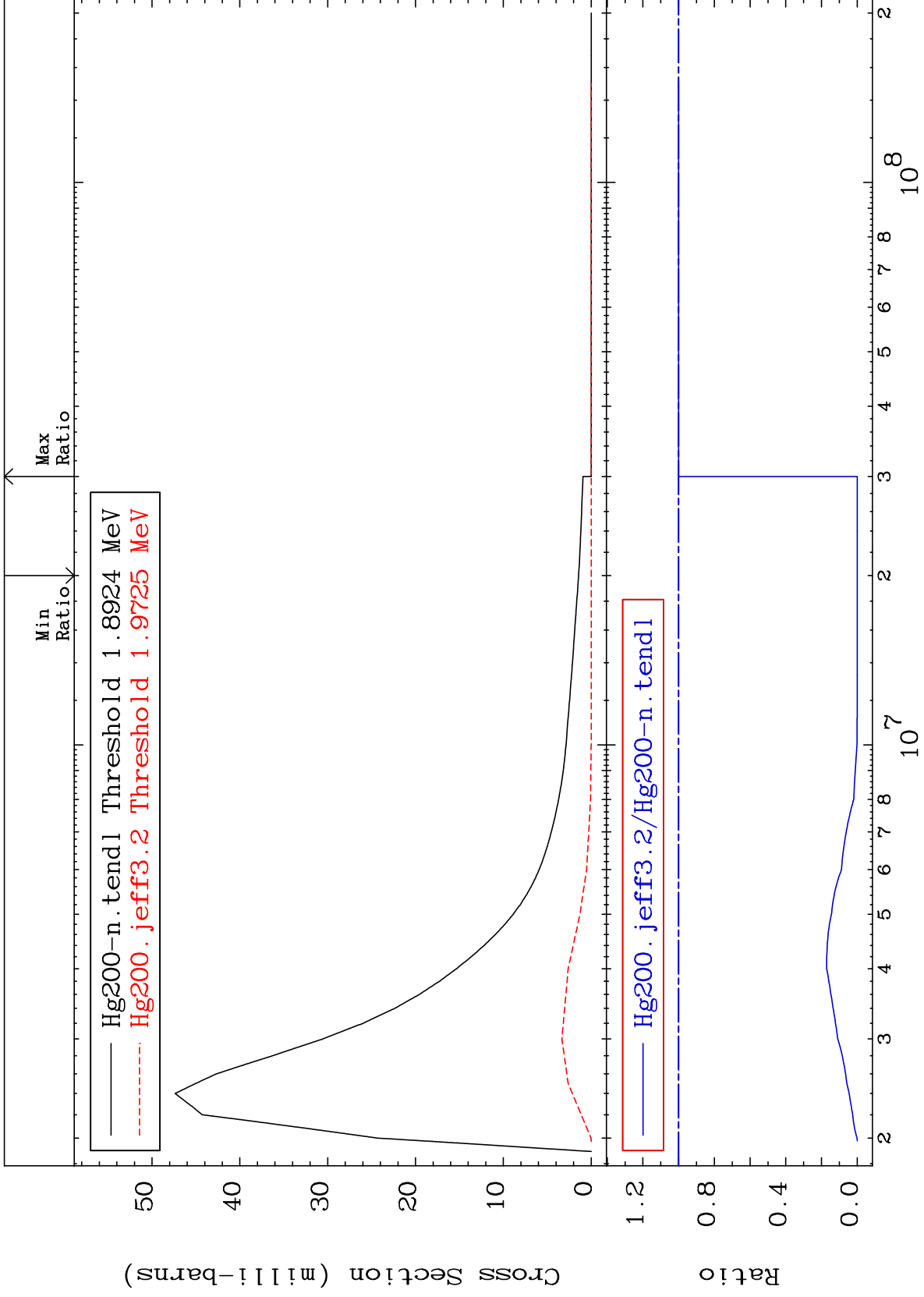
-100.0 To 925.7 %



MAT 8037

1.883 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 0.000 %



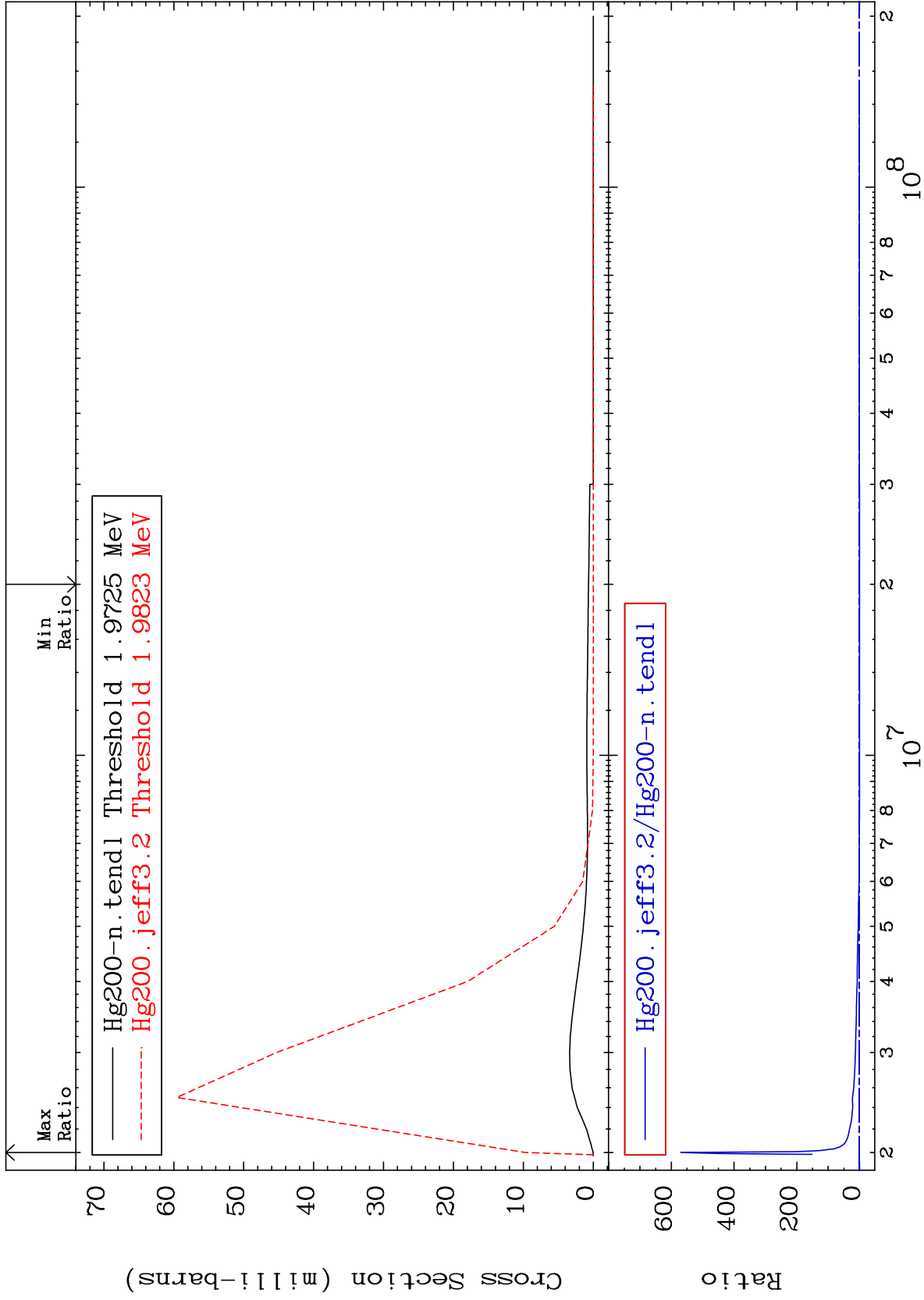
MAT 8037

1.963 MeV (n,n') Level

80-Hg-200

-100.0 To 9999. %

Cross Section

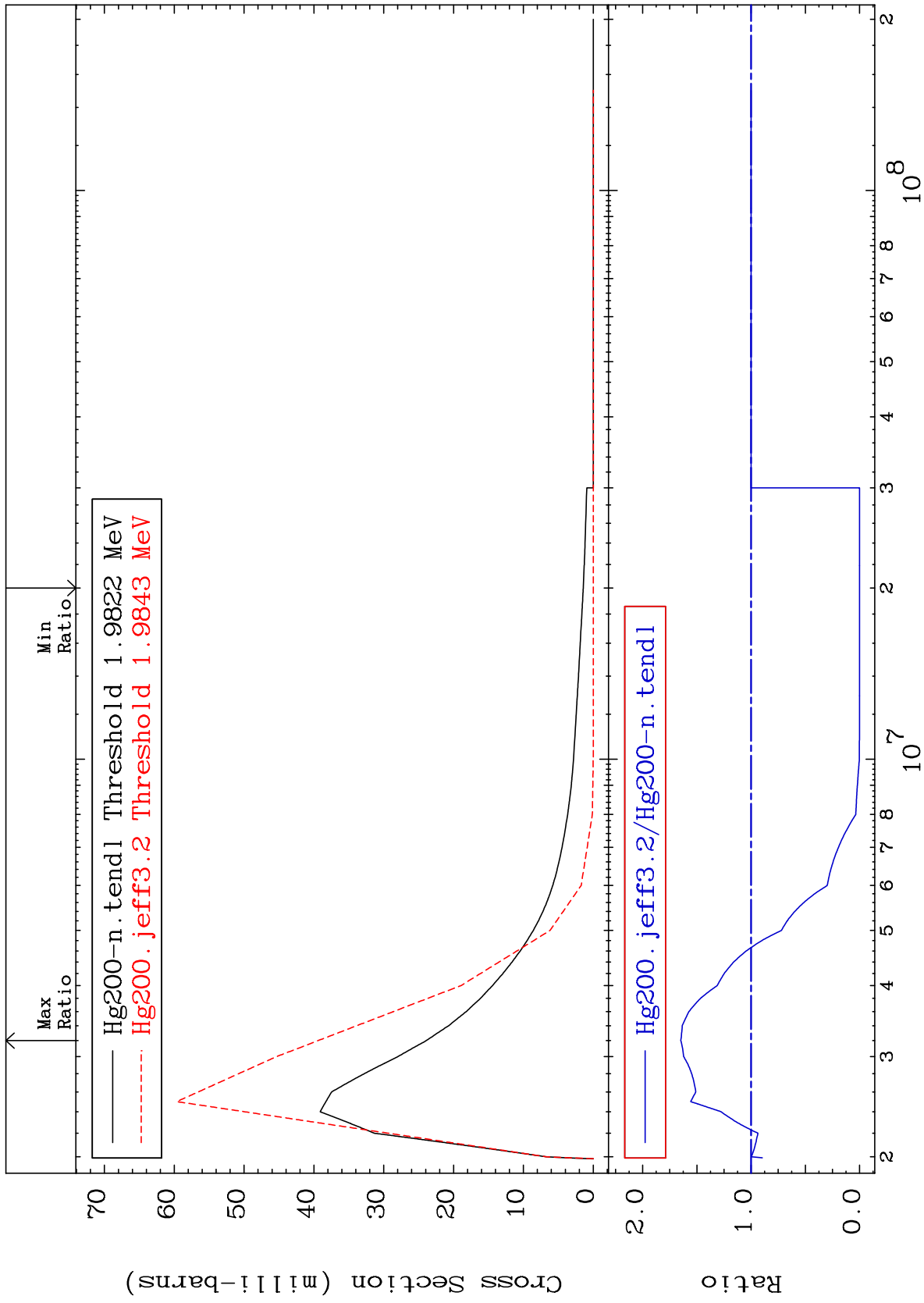


30

Incident Energy (eV)

80-Hg-200

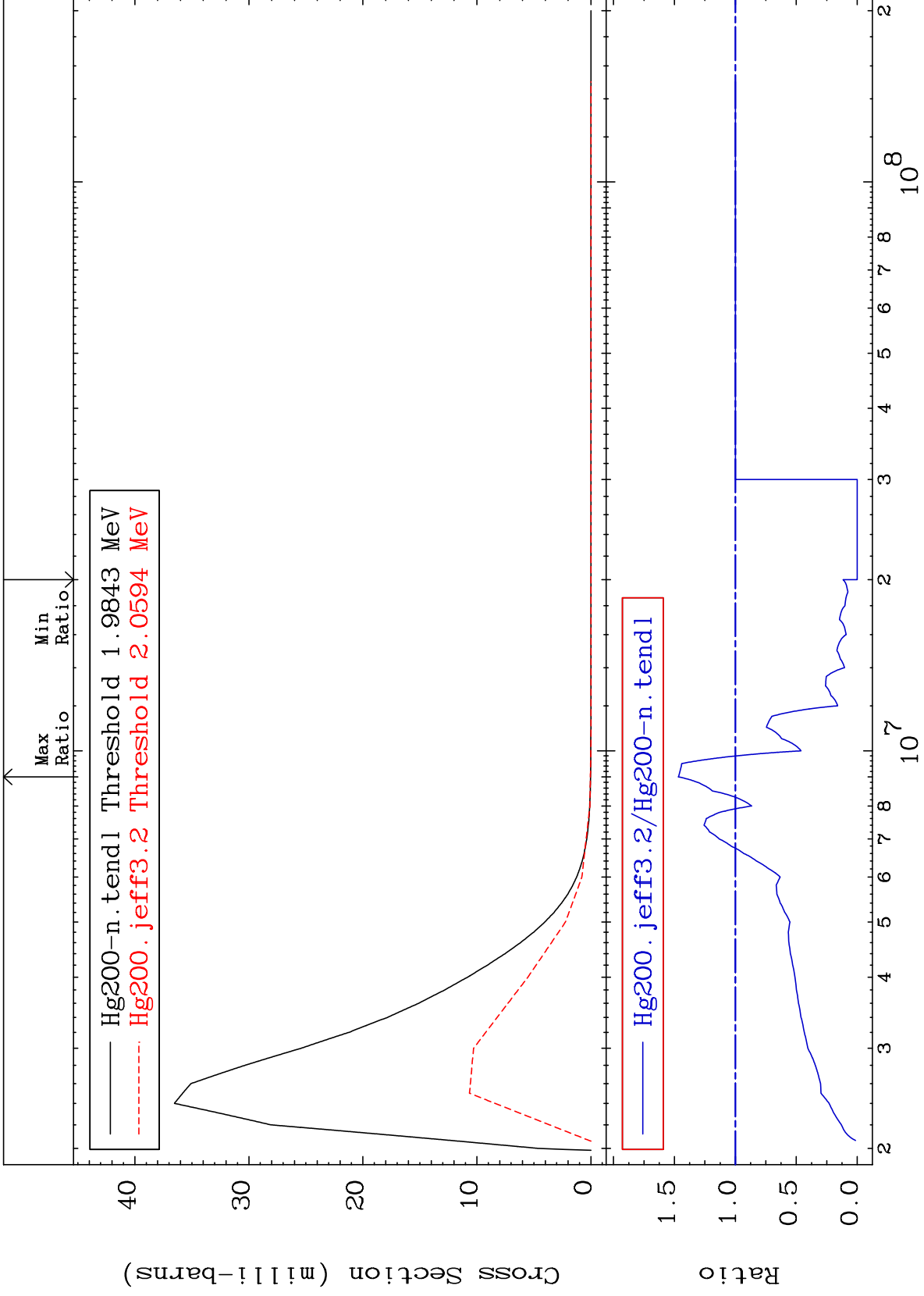
MAT 8037 1.972 MeV (n,n') Level Cross Section 80-Hg-200 -100.0 To 64.85 %



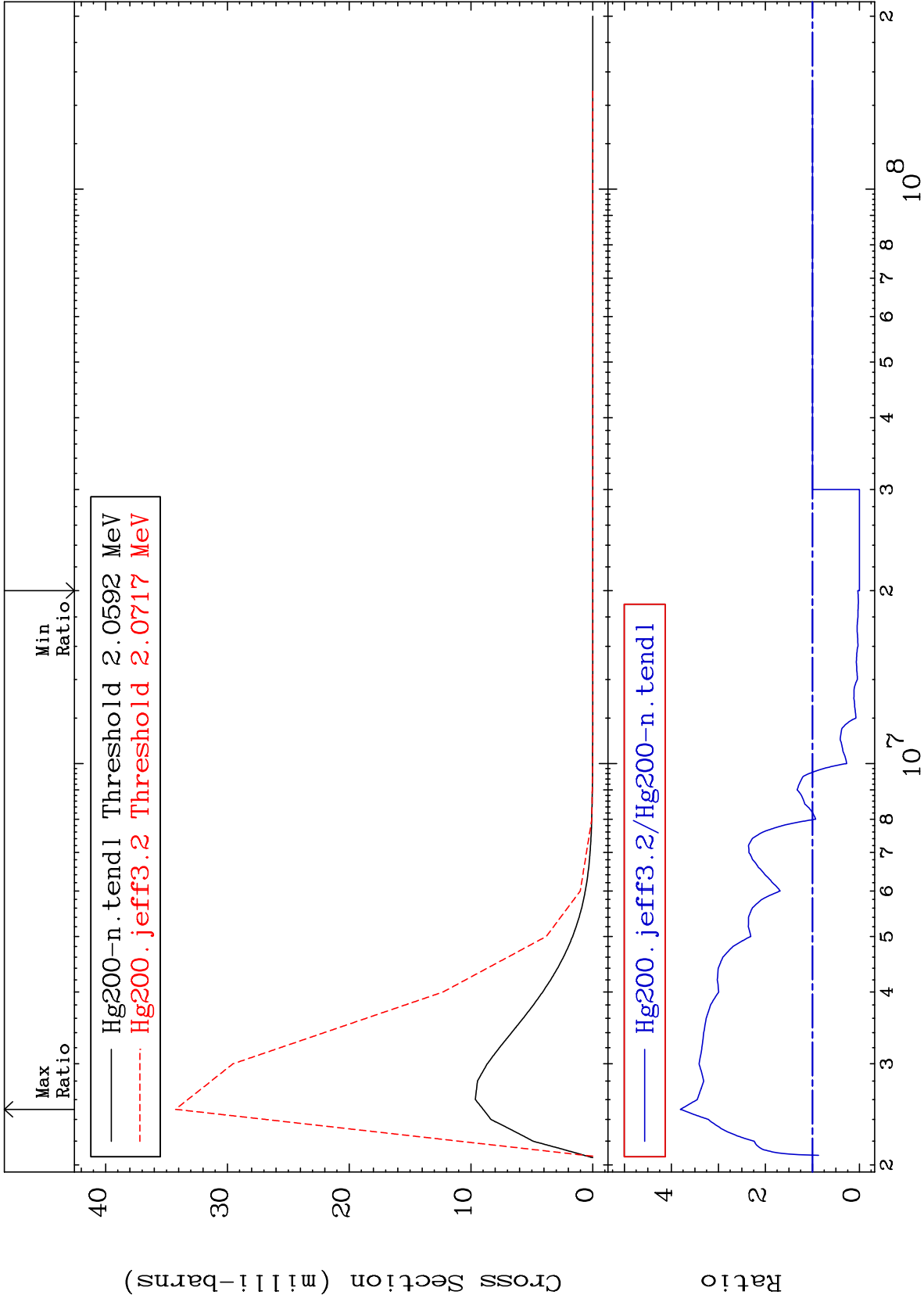
MAT 8037

1.974 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 46.73 %



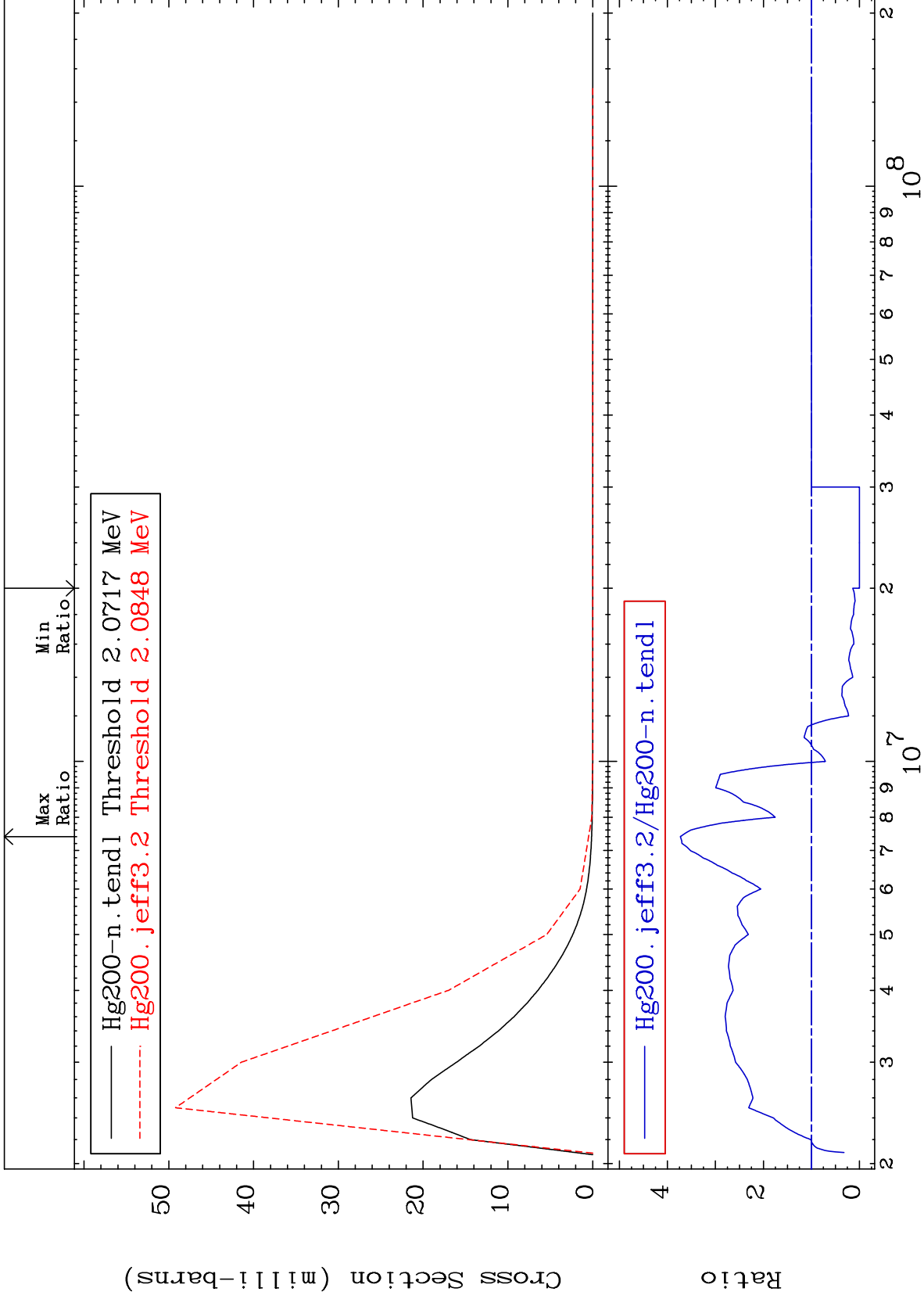
MAT 8037 2.049 MeV (n,n') Level 80-Hg-200
 Cross Section -100.0 To 280.9 %



MAT 8037

2.061 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 273.1 %



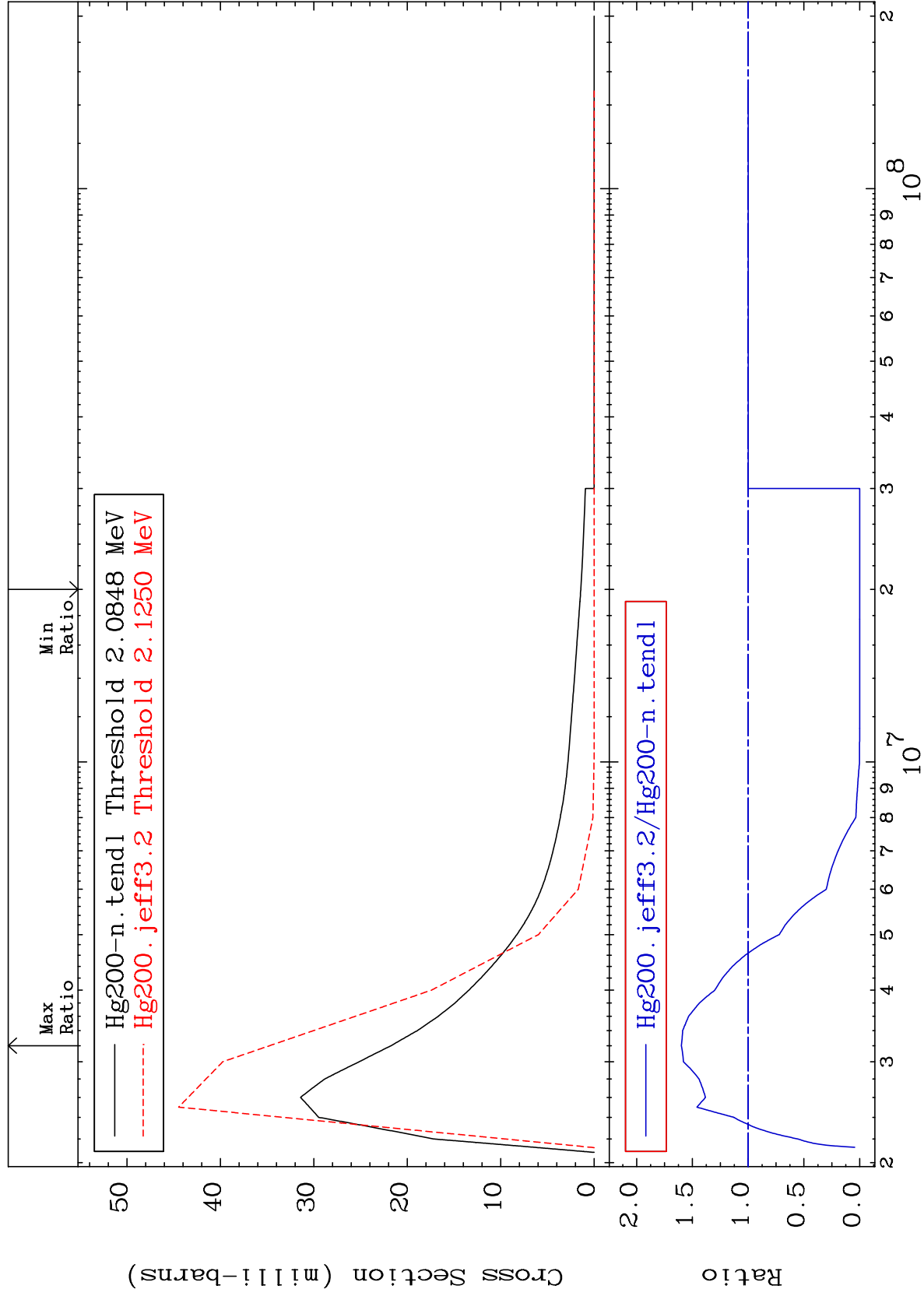
MAT 8037

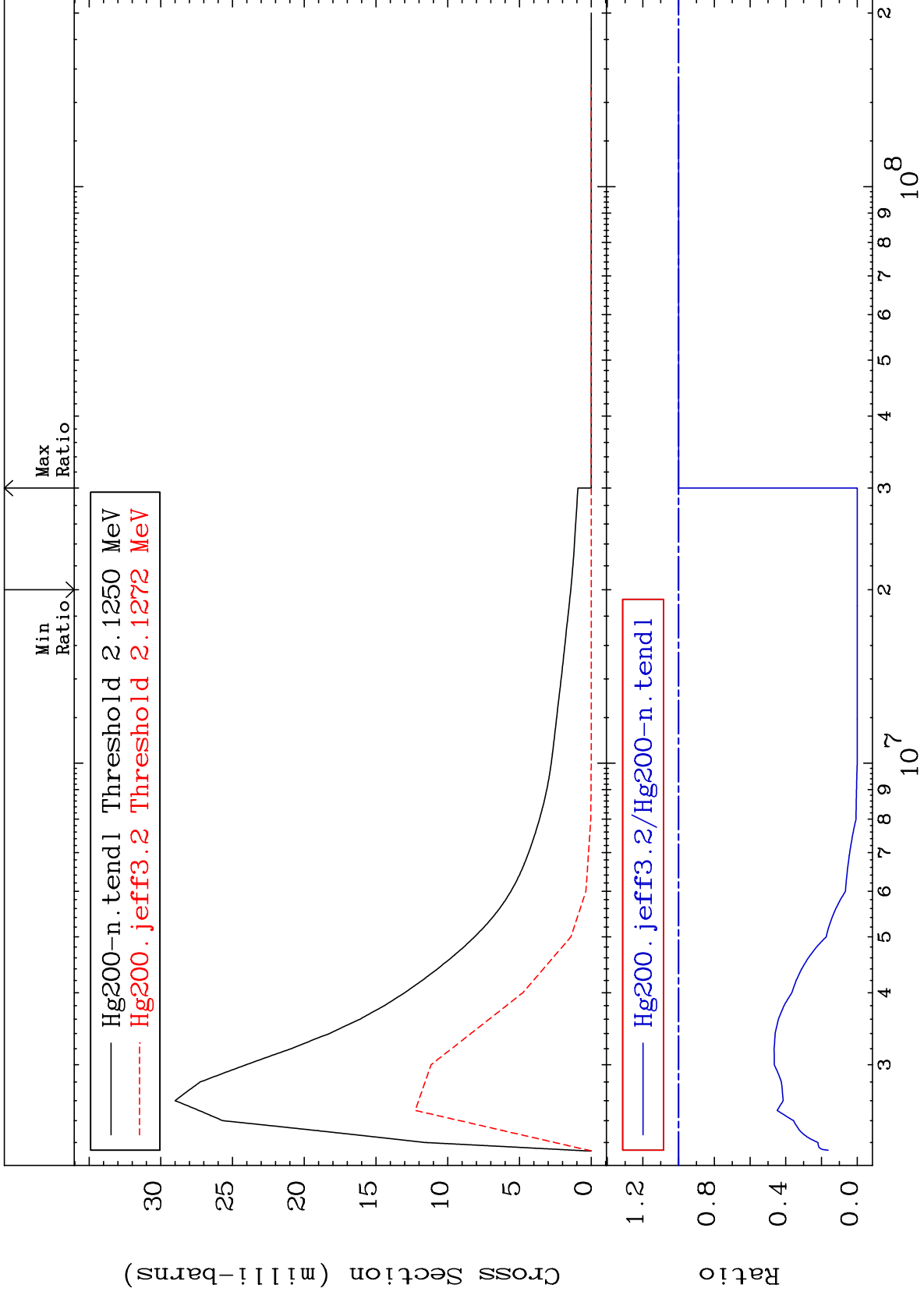
2.074 MeV (n,n') Level

80-Hg-200

-100.0 To 59.89 %

Cross Section



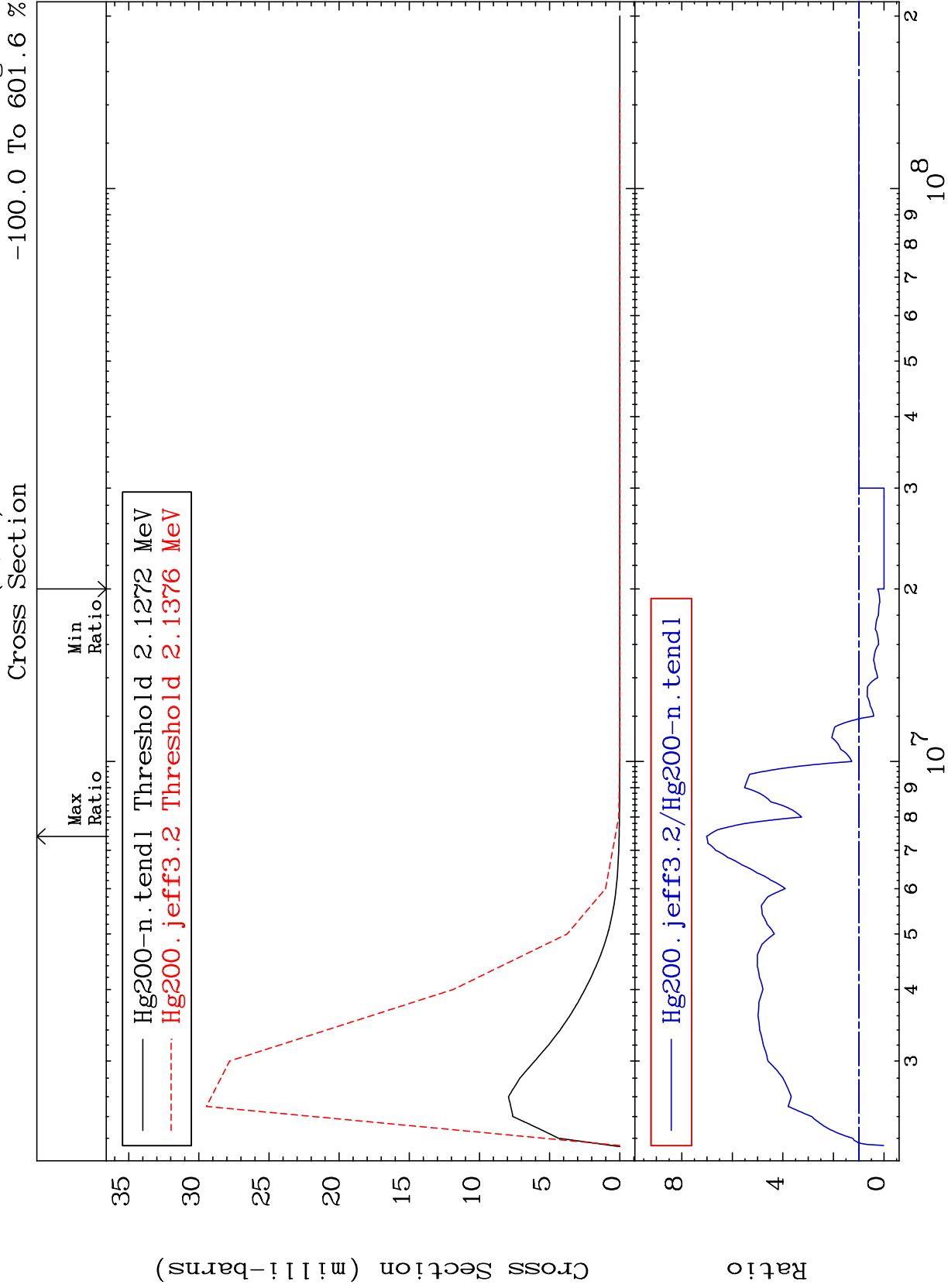


MAT 8037

2.117 MeV (n,n') Level

80-Hg-200

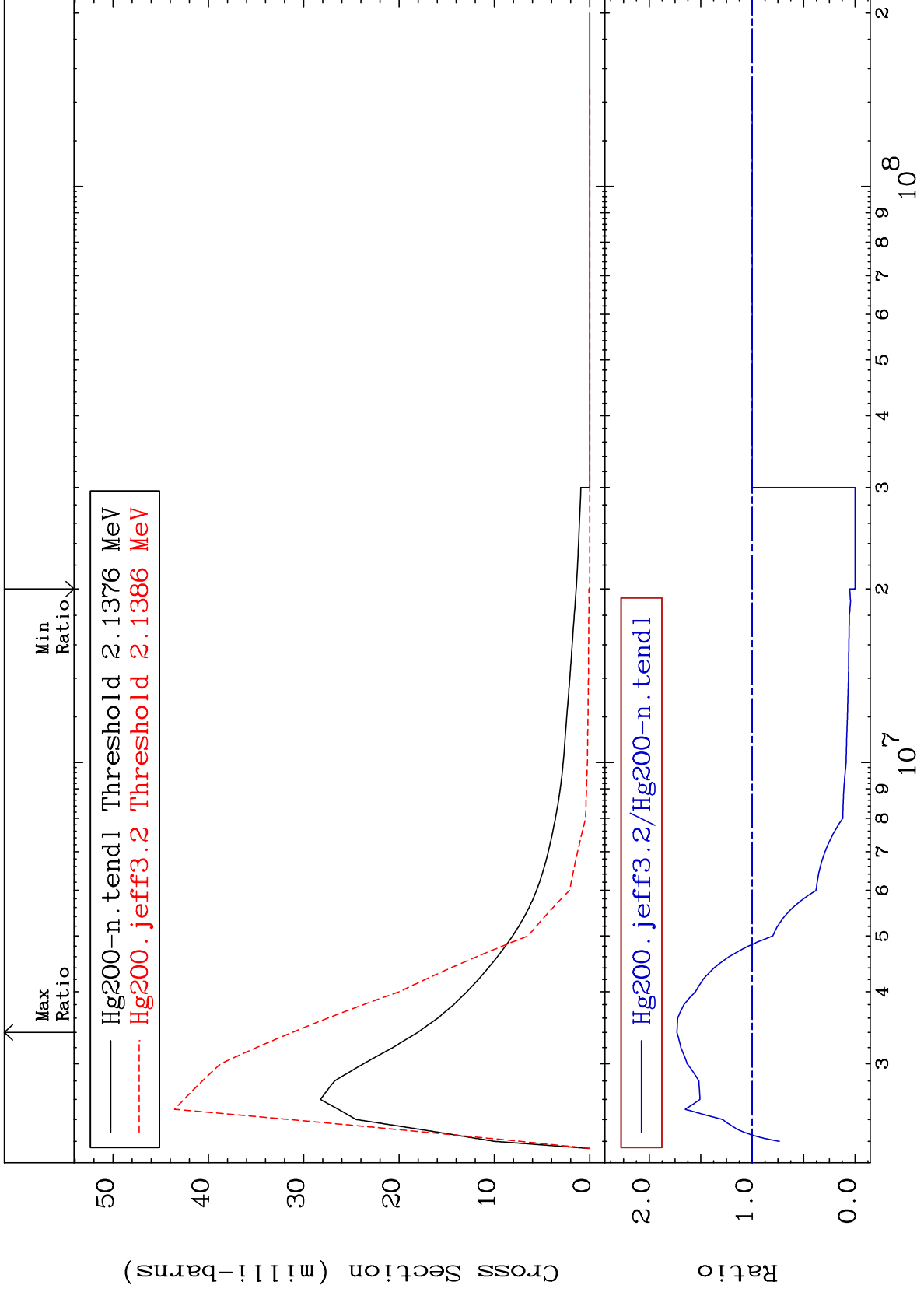
-100.0 To 601.6 %

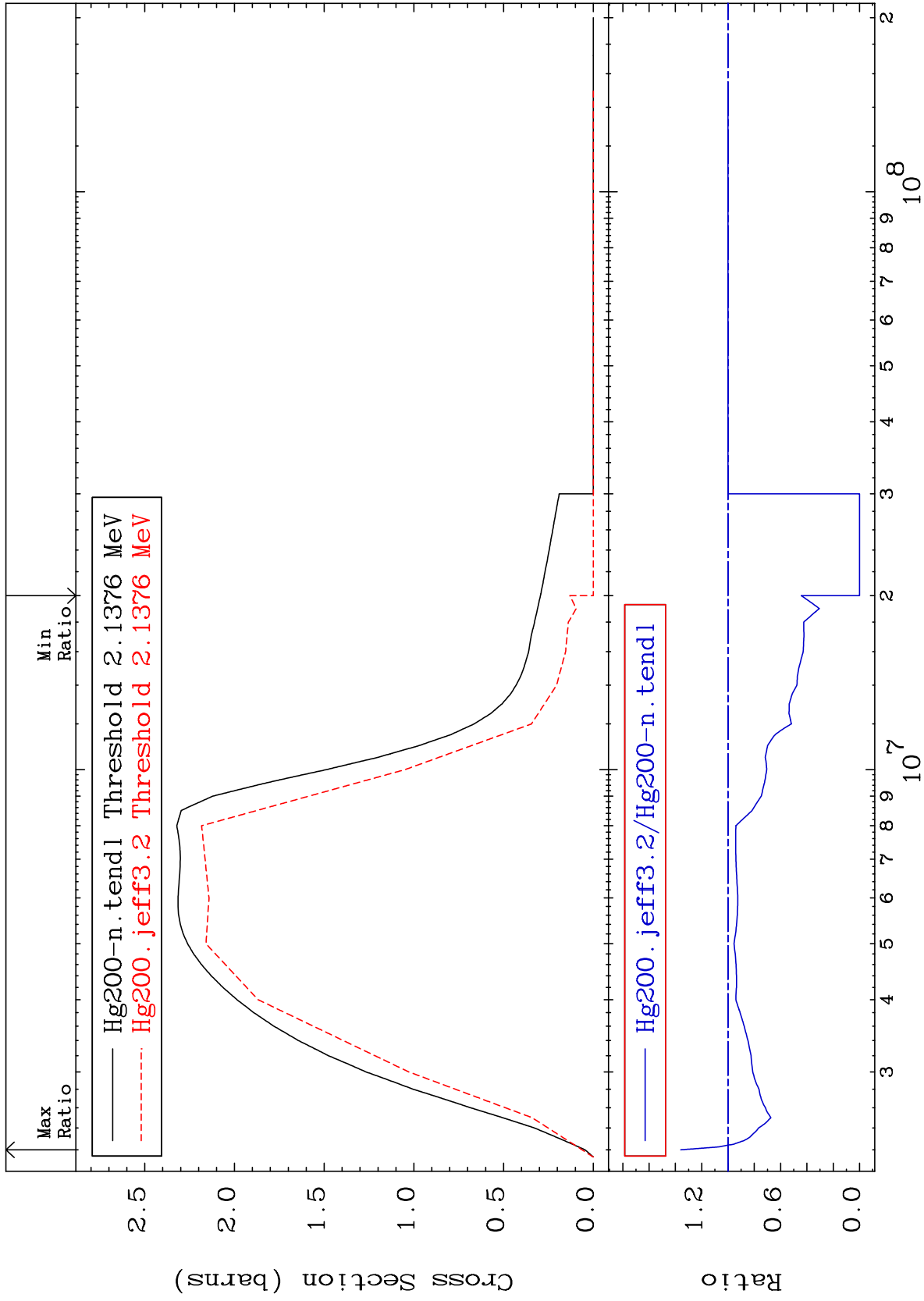


MAT 8037

2.127 MeV (n,n') Level
Cross Section

80-Hg-200
-100.0 To 73.10 %

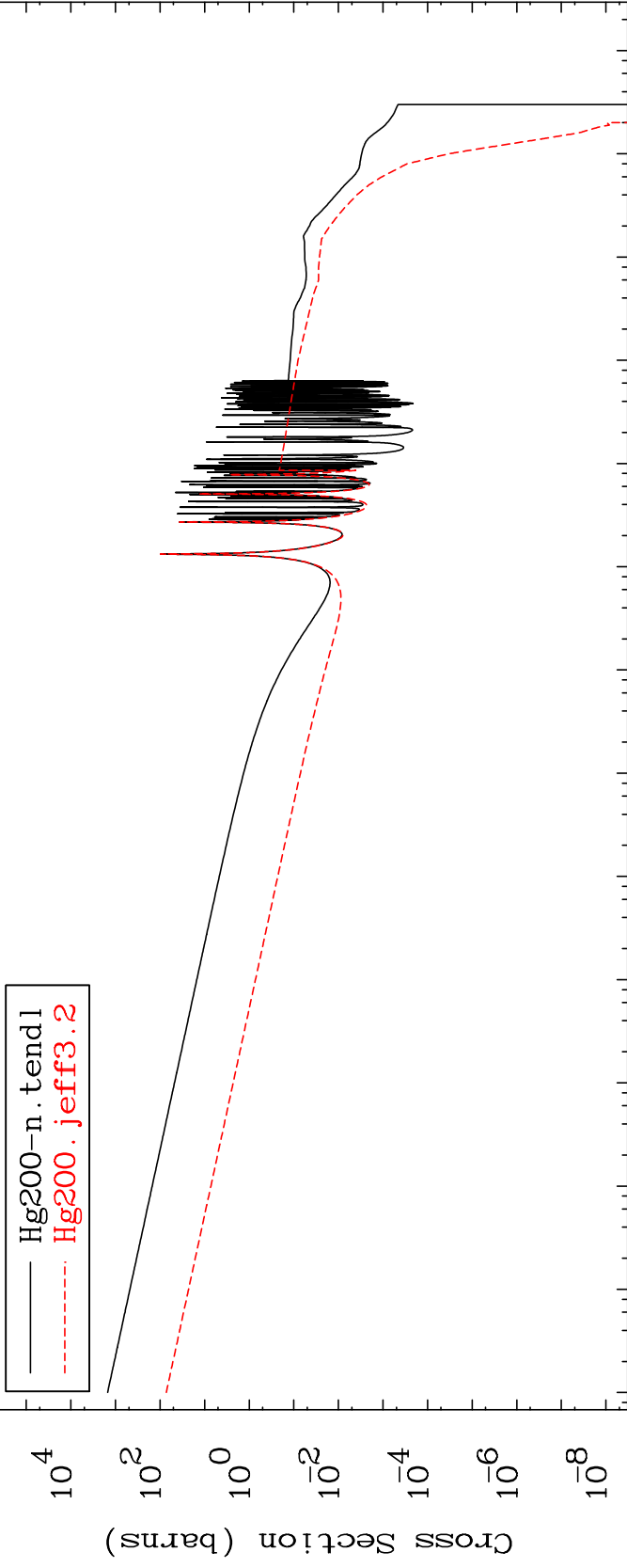




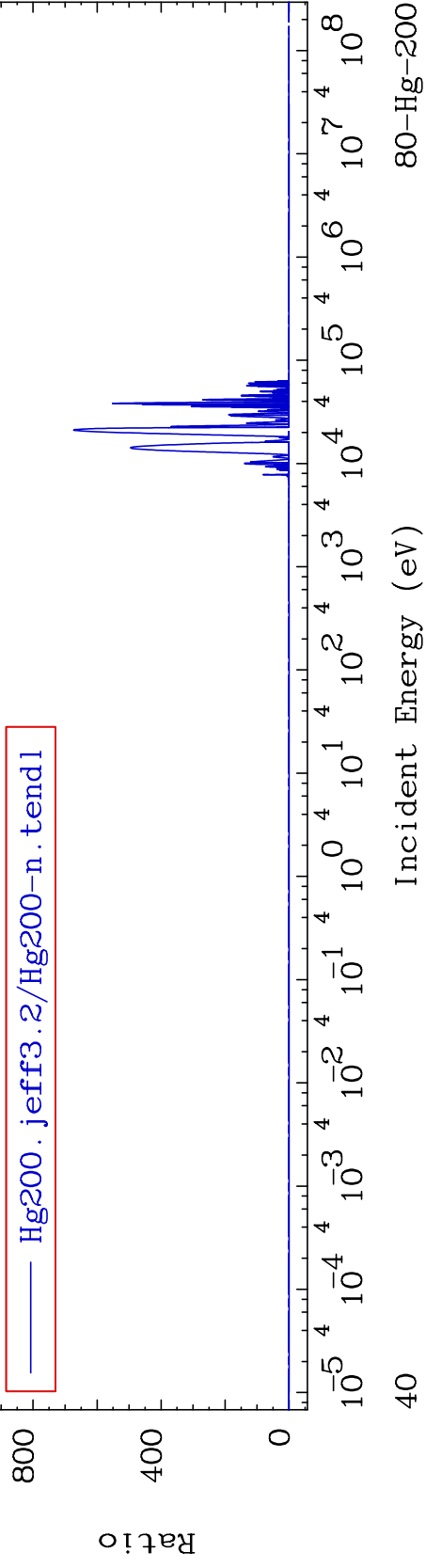
MAT 8037

(n, γ)
Cross Section

80-Hg-200
-100.0 To 9999. %



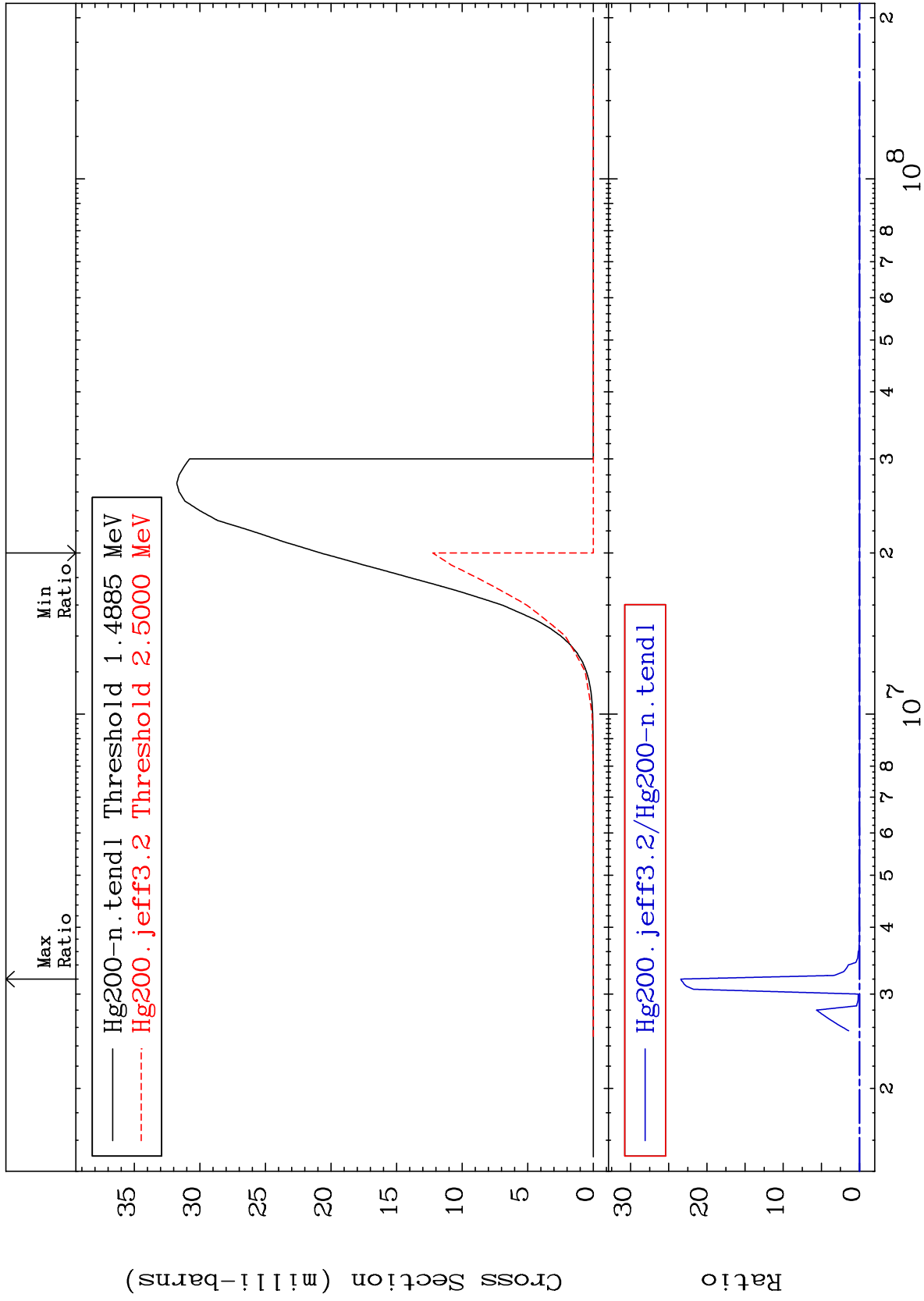
Hg200.jeff3.2/Hg200-n.tendl



80-Hg-200

MAT 8037

(n,p)
Cross Section
80-Hg-200
-100.0 To 9999. %



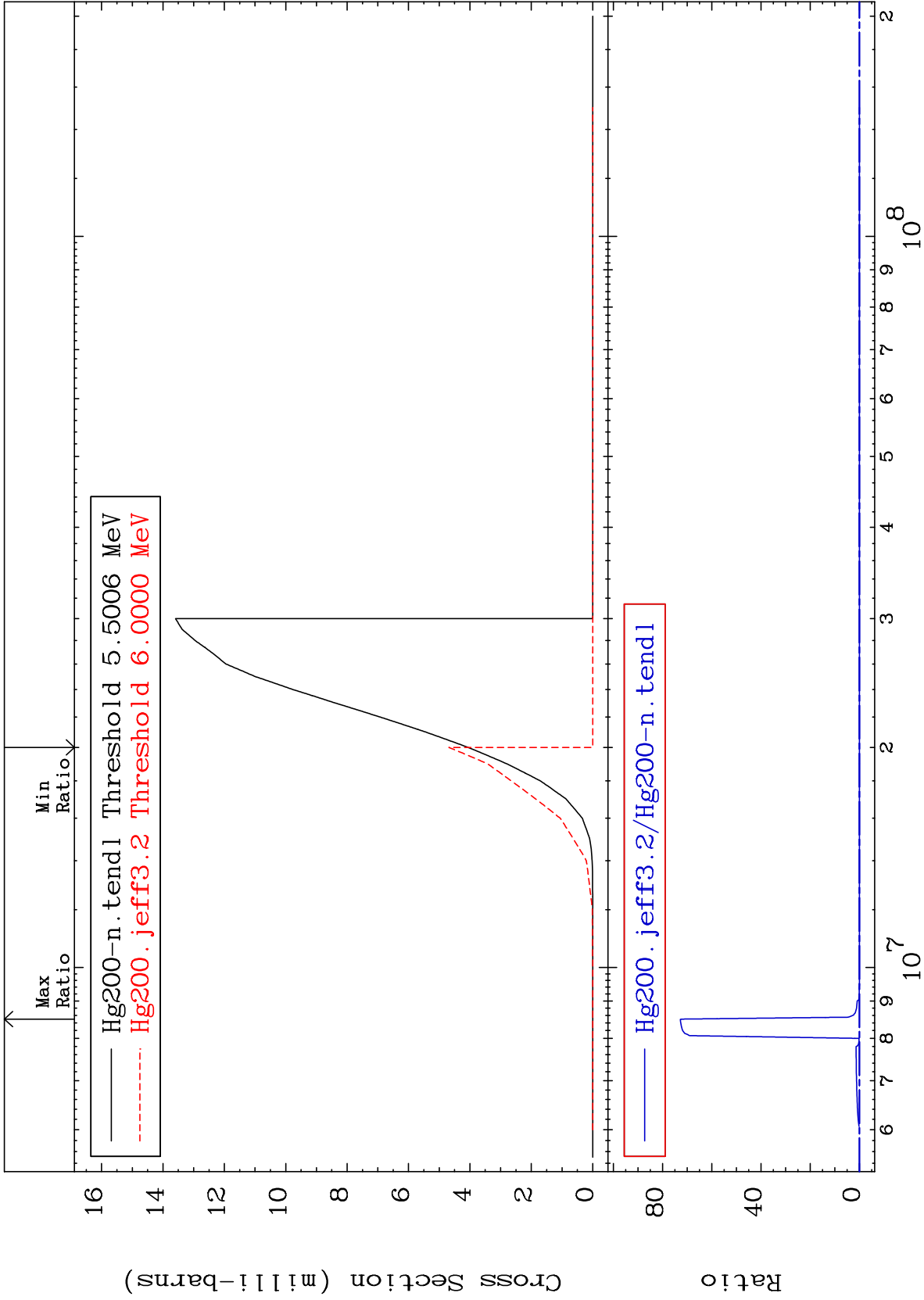
MAT 8037

(n, d)

80-Hg-200

Cross Section

-100.0 To 9999. %

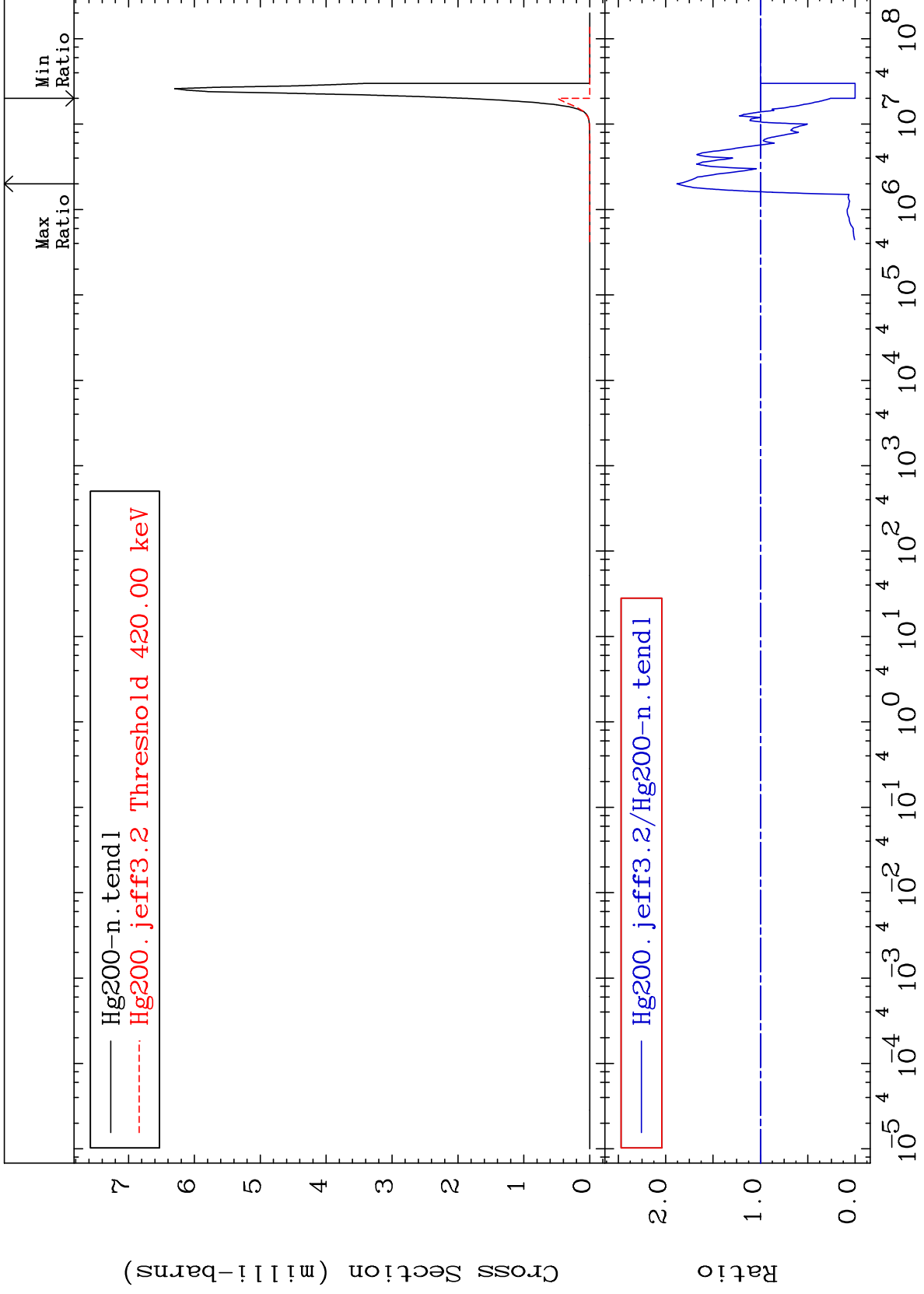


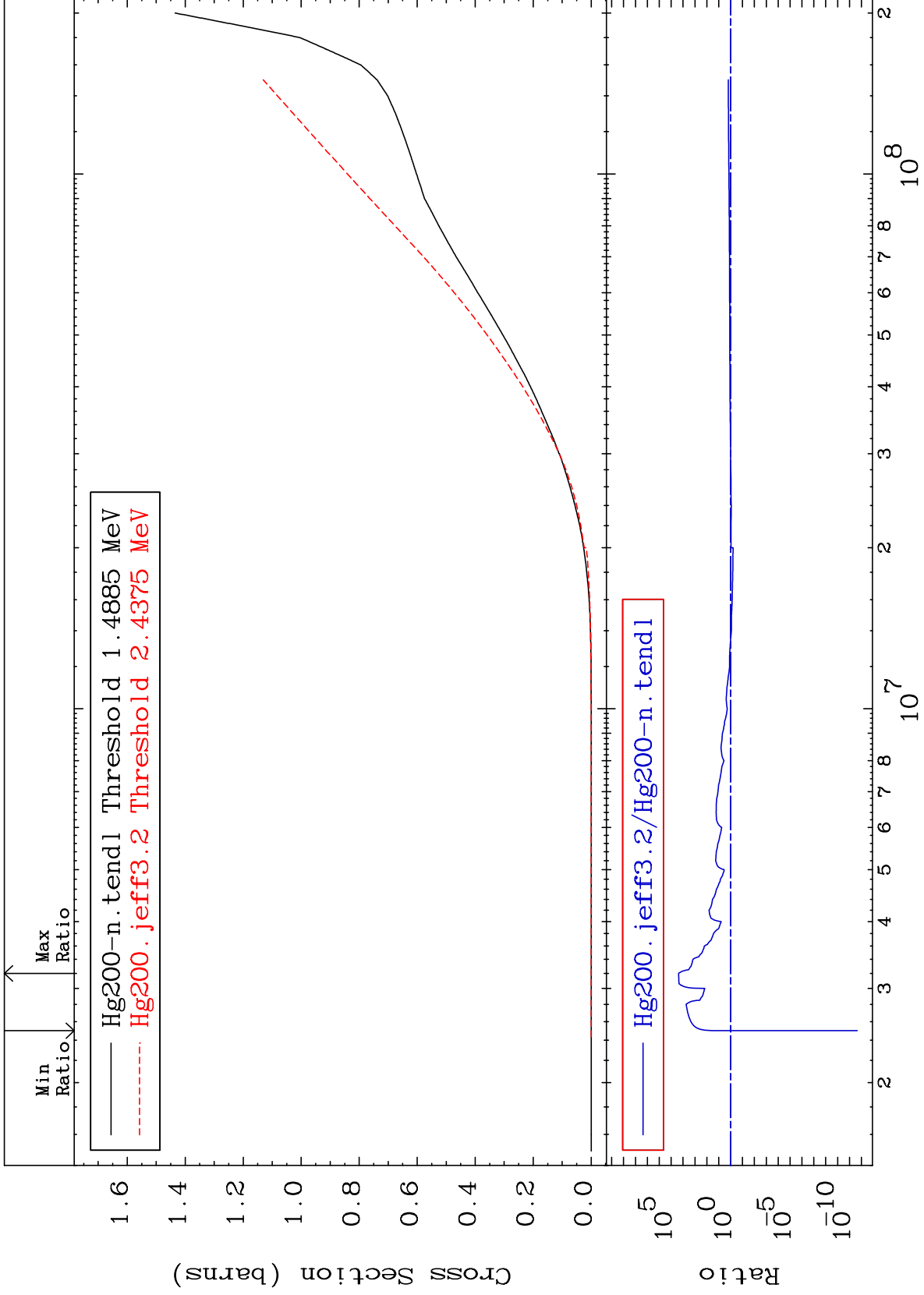
MAT 8037

(n, α)

Cross Section

80-Hg-200
-100.0 To 88.15 %

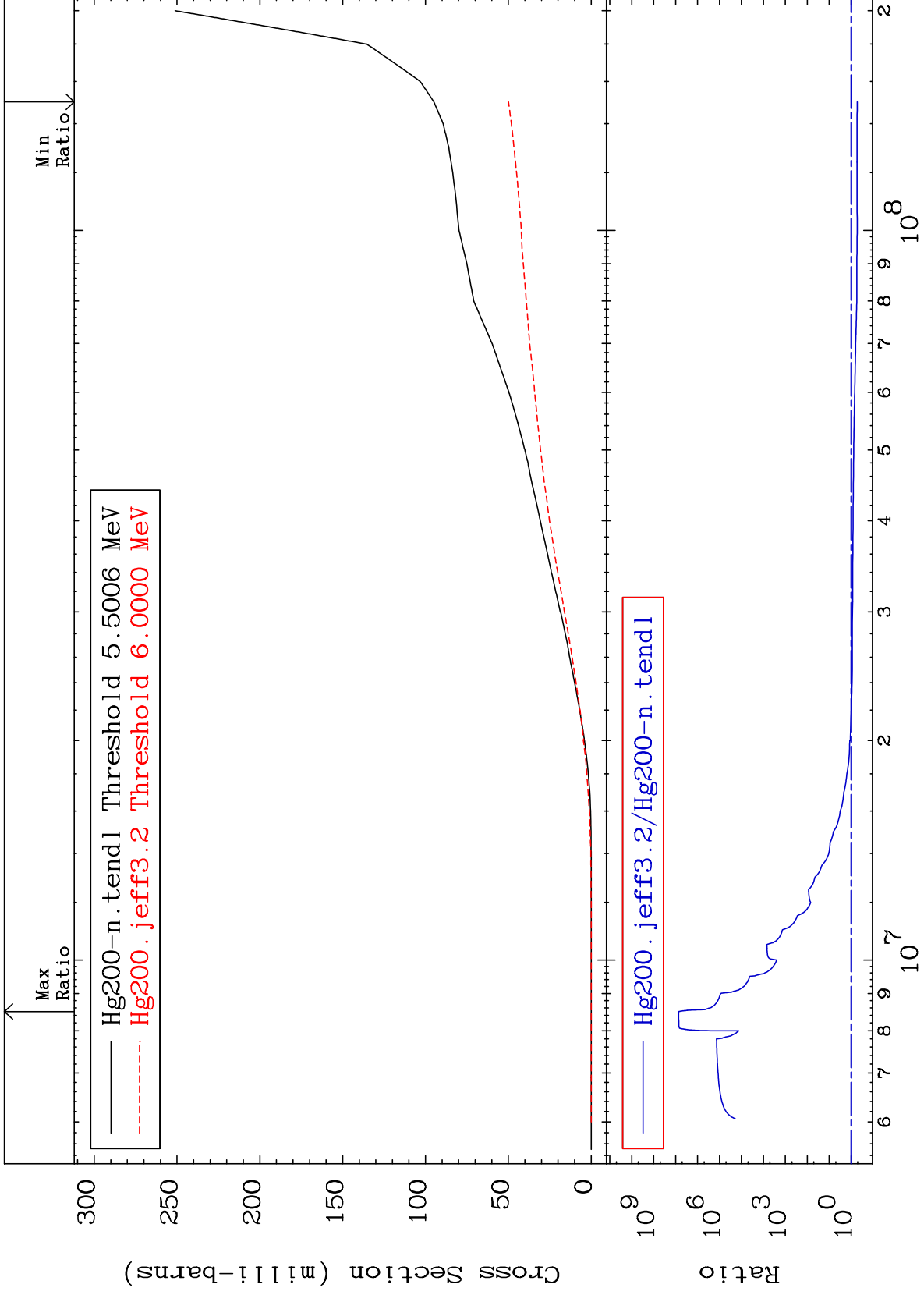




MAT 8037

Deuterium Production
Cross Section

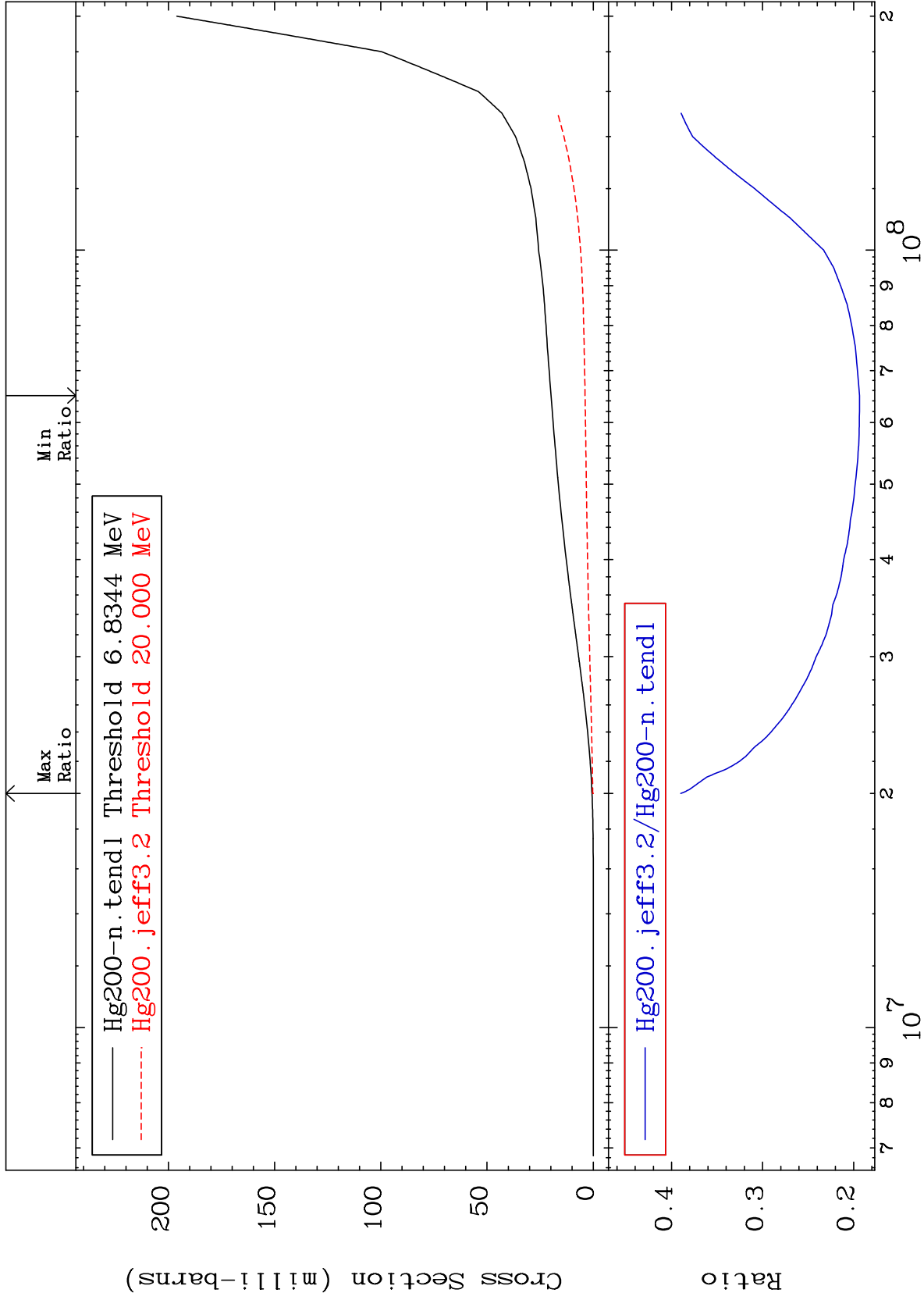
80-Hg-200
-47.47 To 9999. %



MAT 8037

Tritium Production
Cross Section

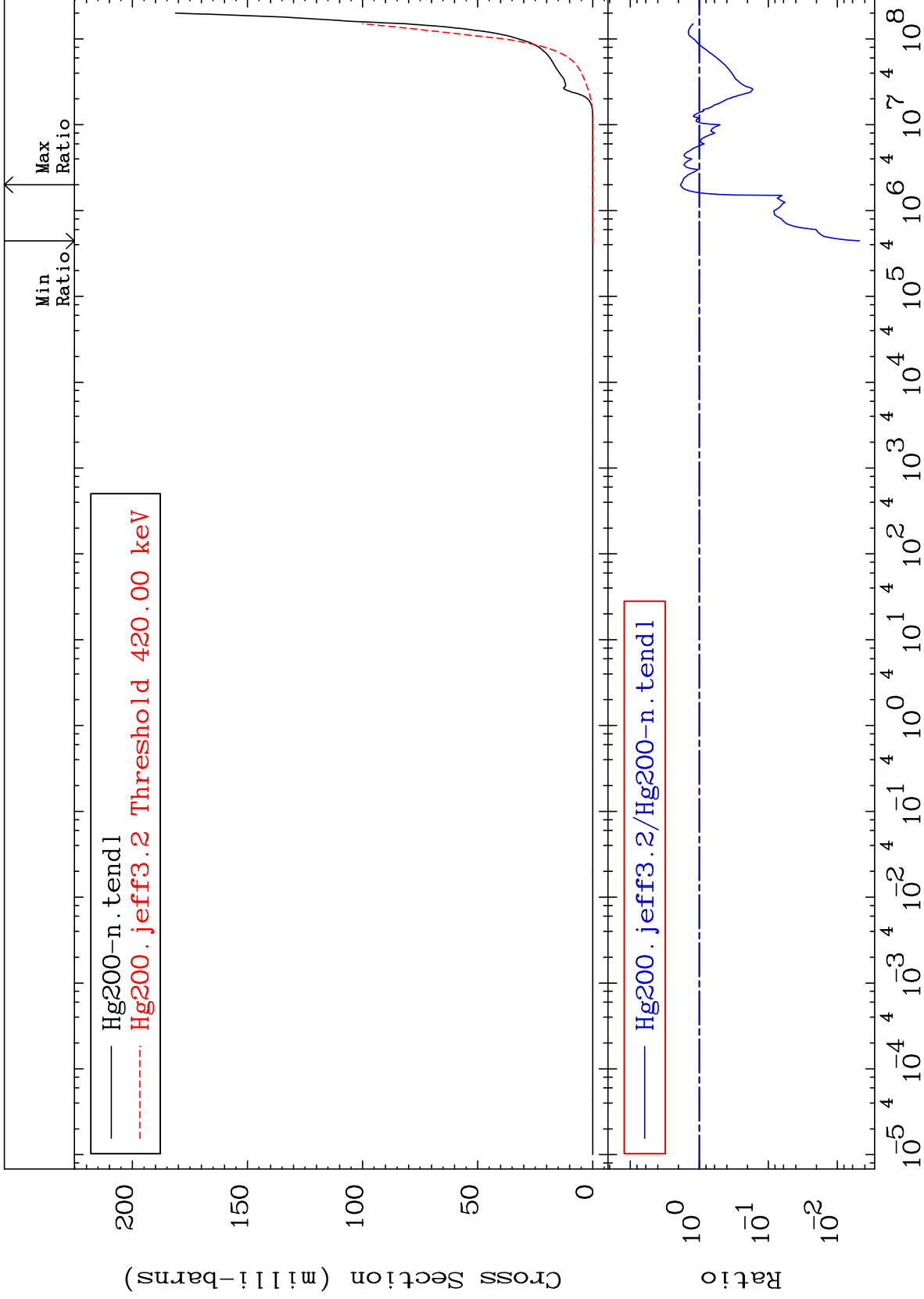
80-Hg-200
-80.65 To -61.01%



MAT 8037

He-4 Production
Cross Section

80-Hg-200
-99.52 To 88.15 %



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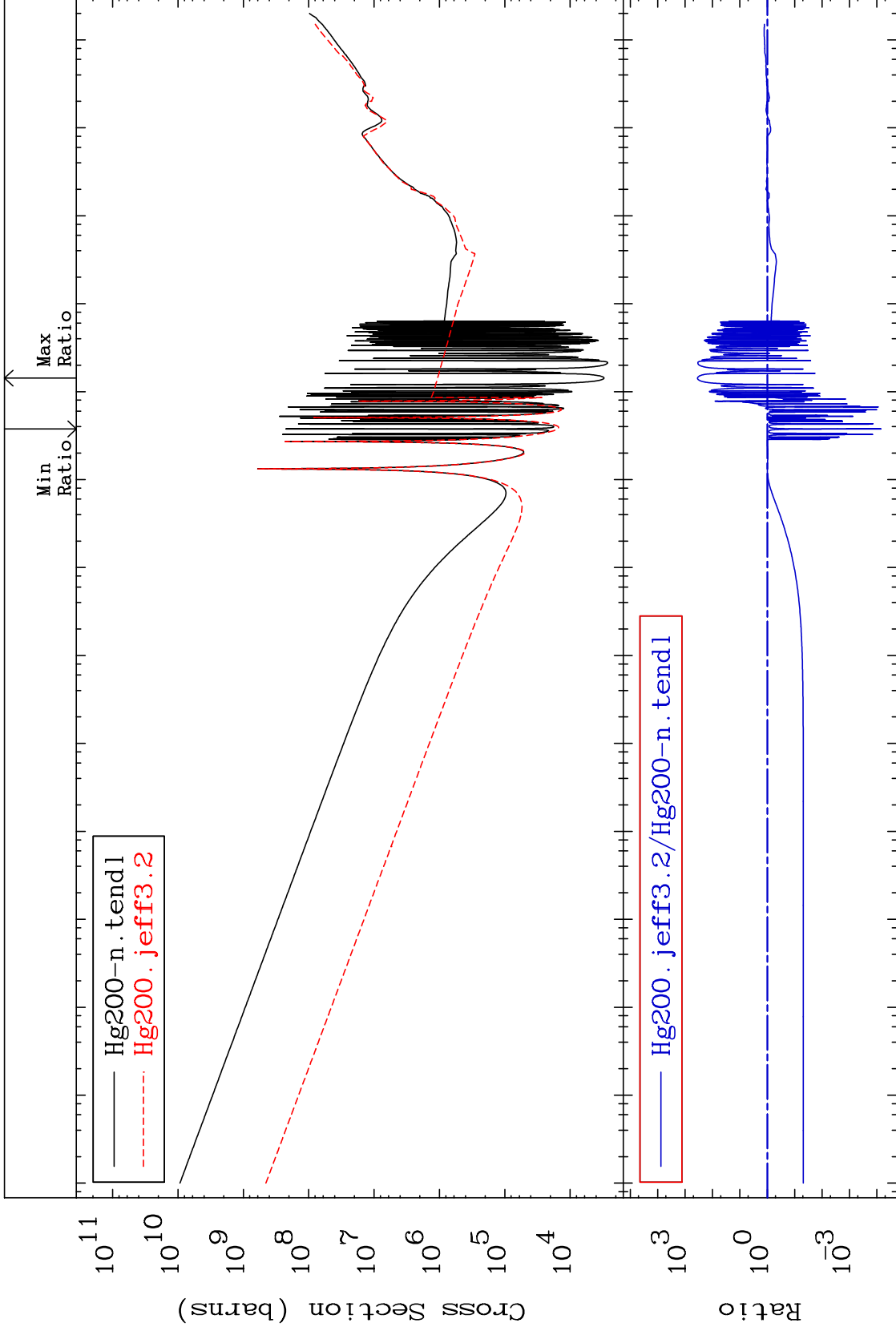
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma total (eV-barns)
Cross Section

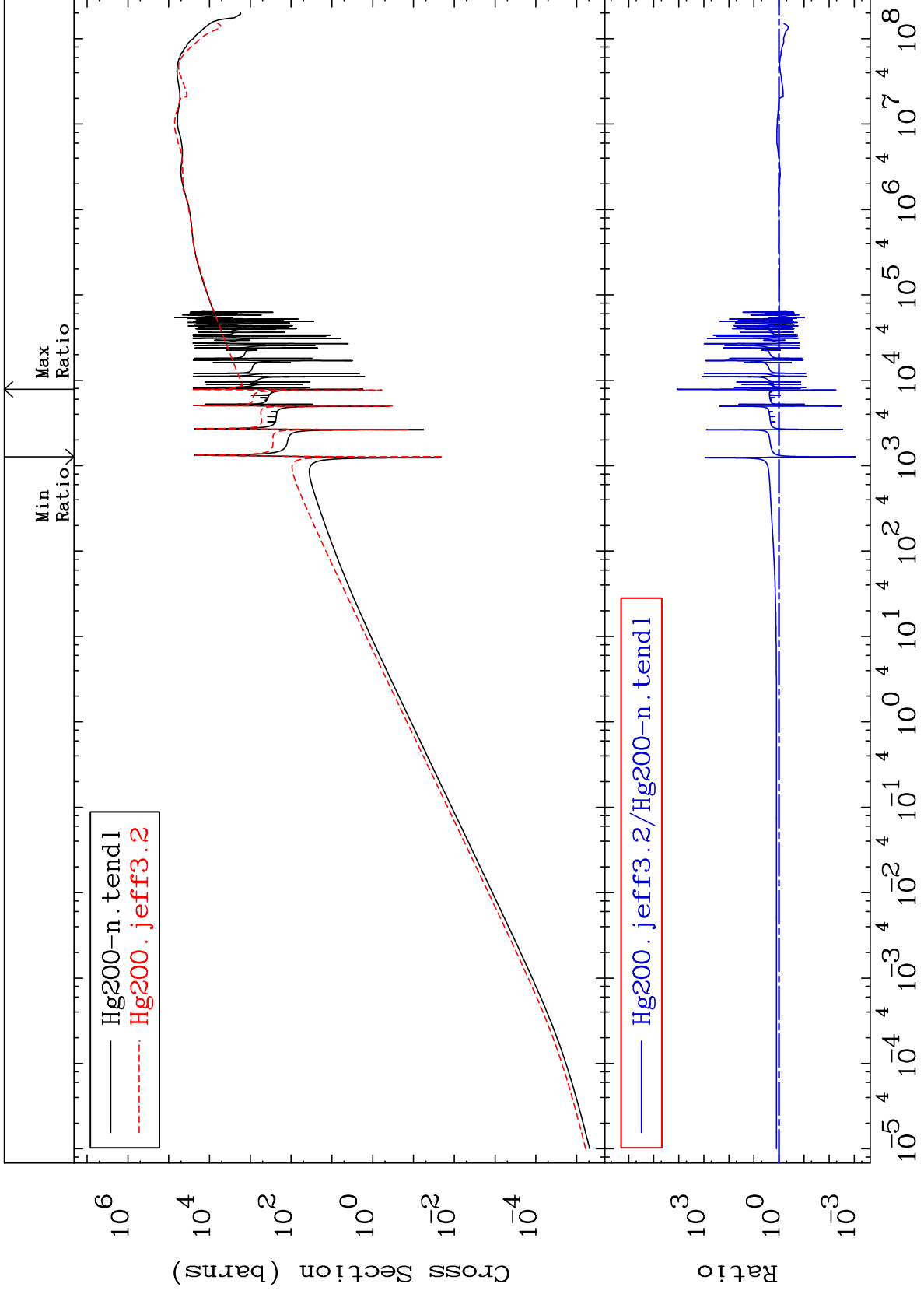
80-Hg-200
-99.99 To 9999. %



MAT 8037

Kerma elastic
Cross Section

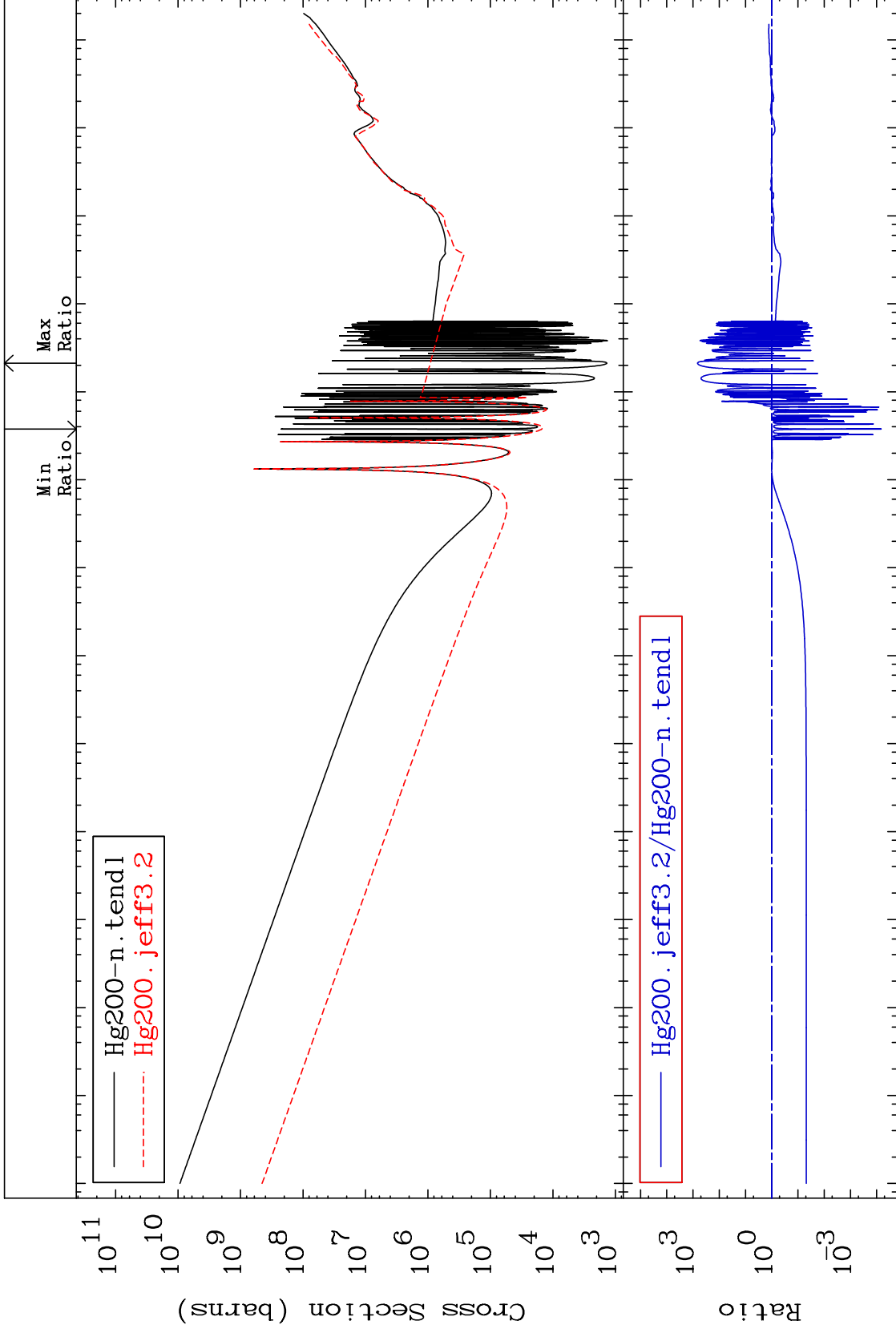
80-Hg-200
-99.91 To 9999. %



MAT 8037

Kerma non-elastic (all but mt2)
Cross Section

80-Hg-200
-99.99 To 9999. %



50

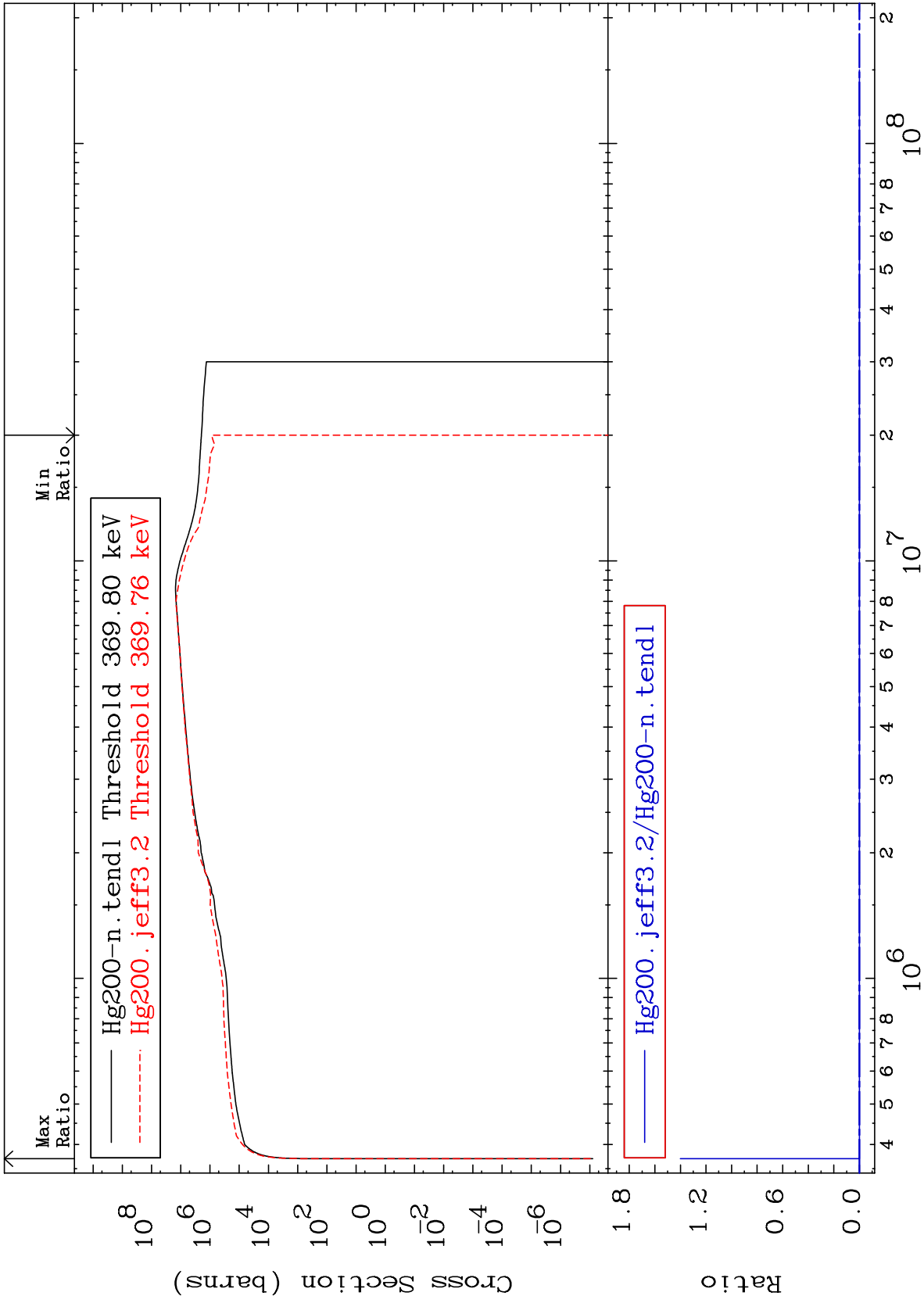
Incident Energy (eV)

80-Hg-200

MAT 8037

Kerma inelastic (mt51-91)
Cross Section

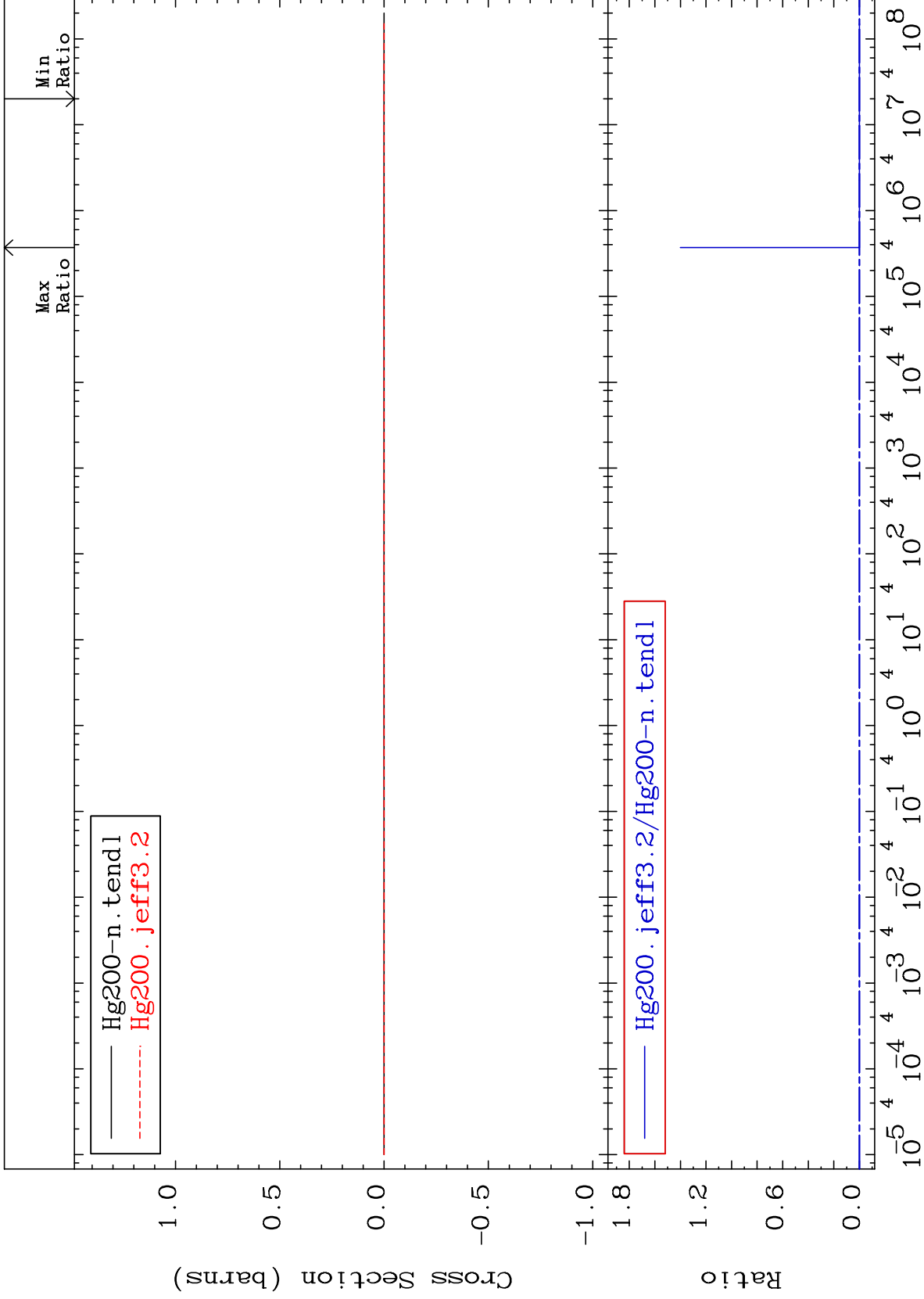
80-Hg-200
-100.0 To 9999. %



MAT 8037

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

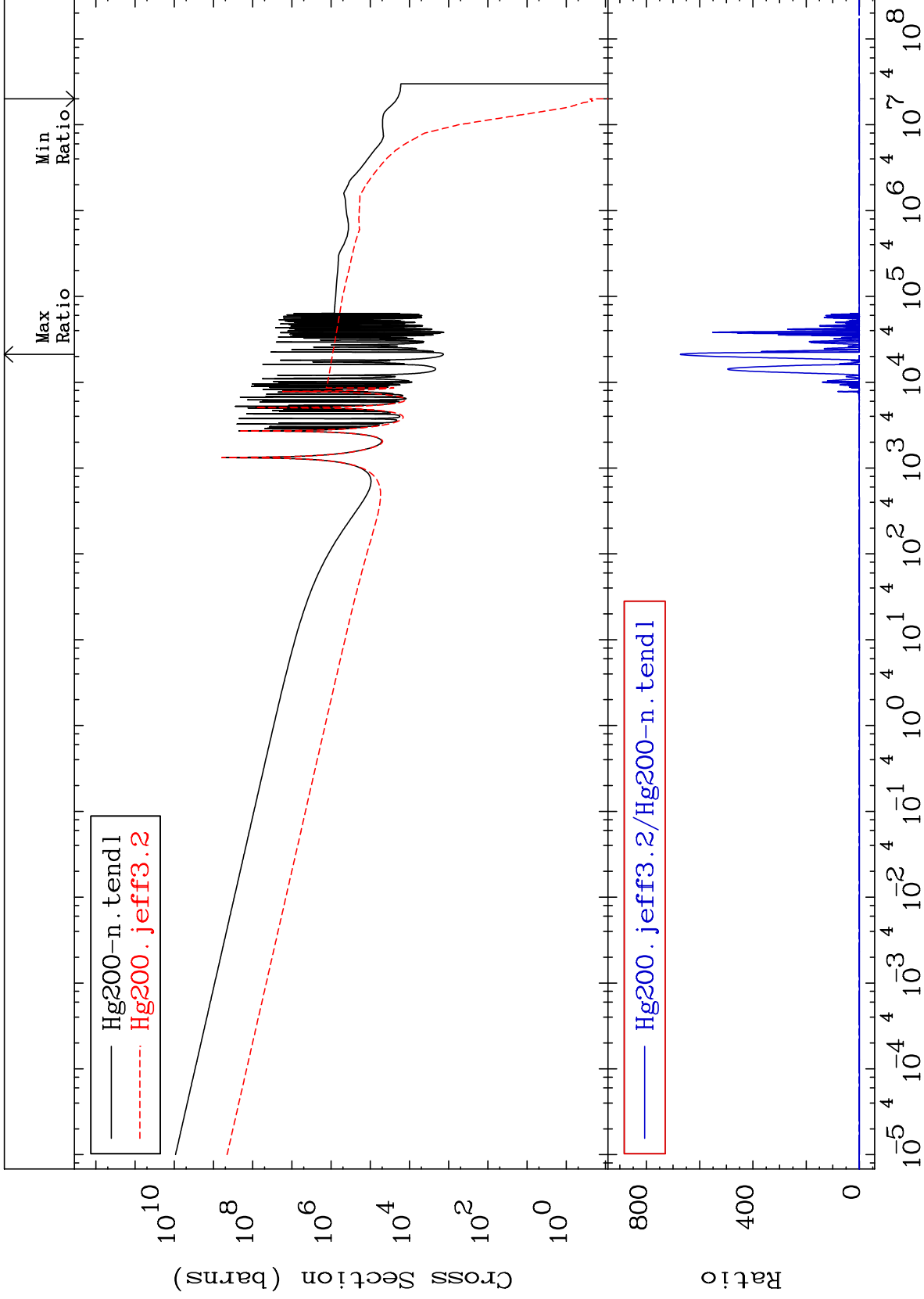
80-Hg-200
-100.0 To 9999. %



MAT 8037

Kerma capture (mt102)
Cross Section

80-Hg-200
-100.0 To 9999. %



53

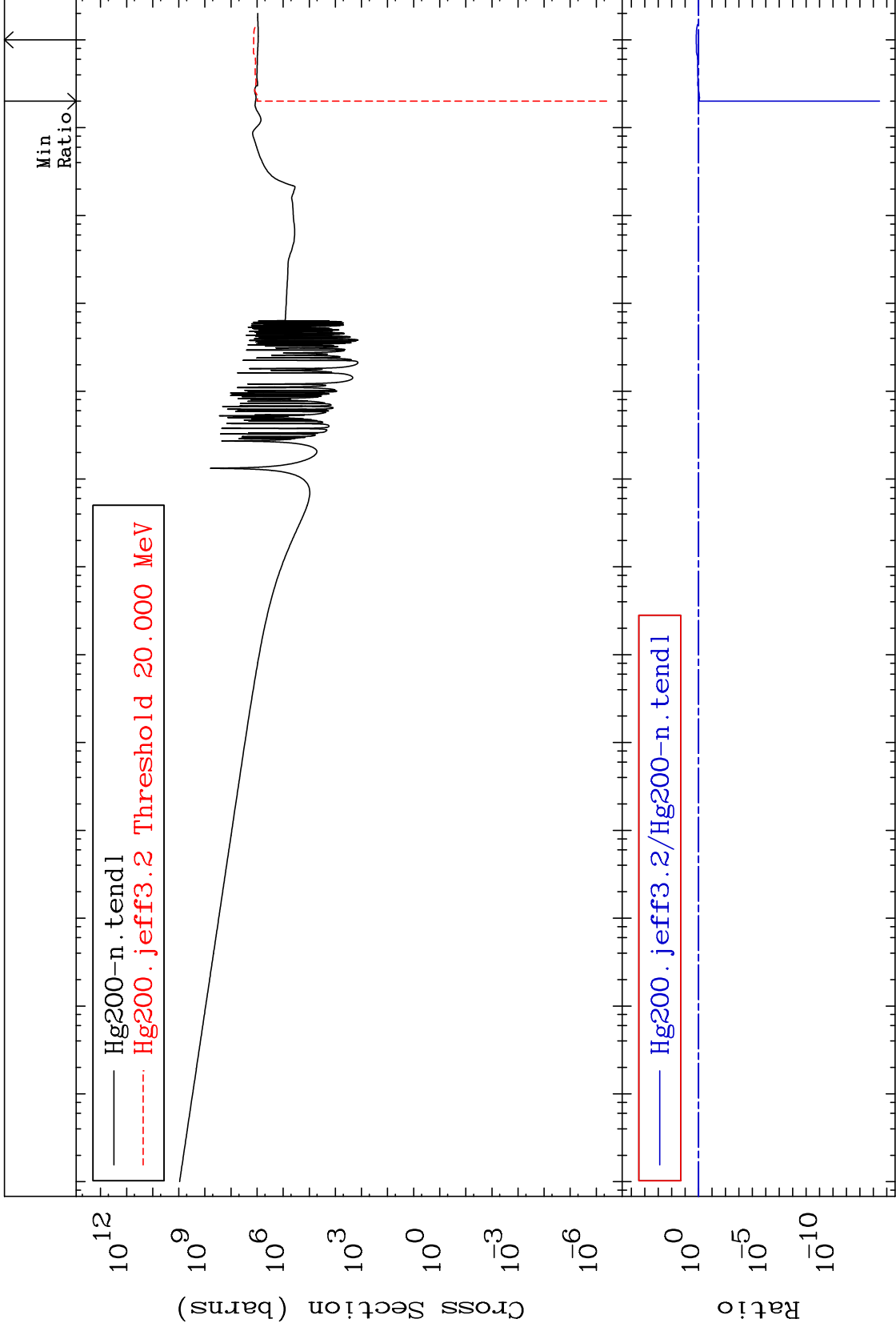
Incident Energy (eV)

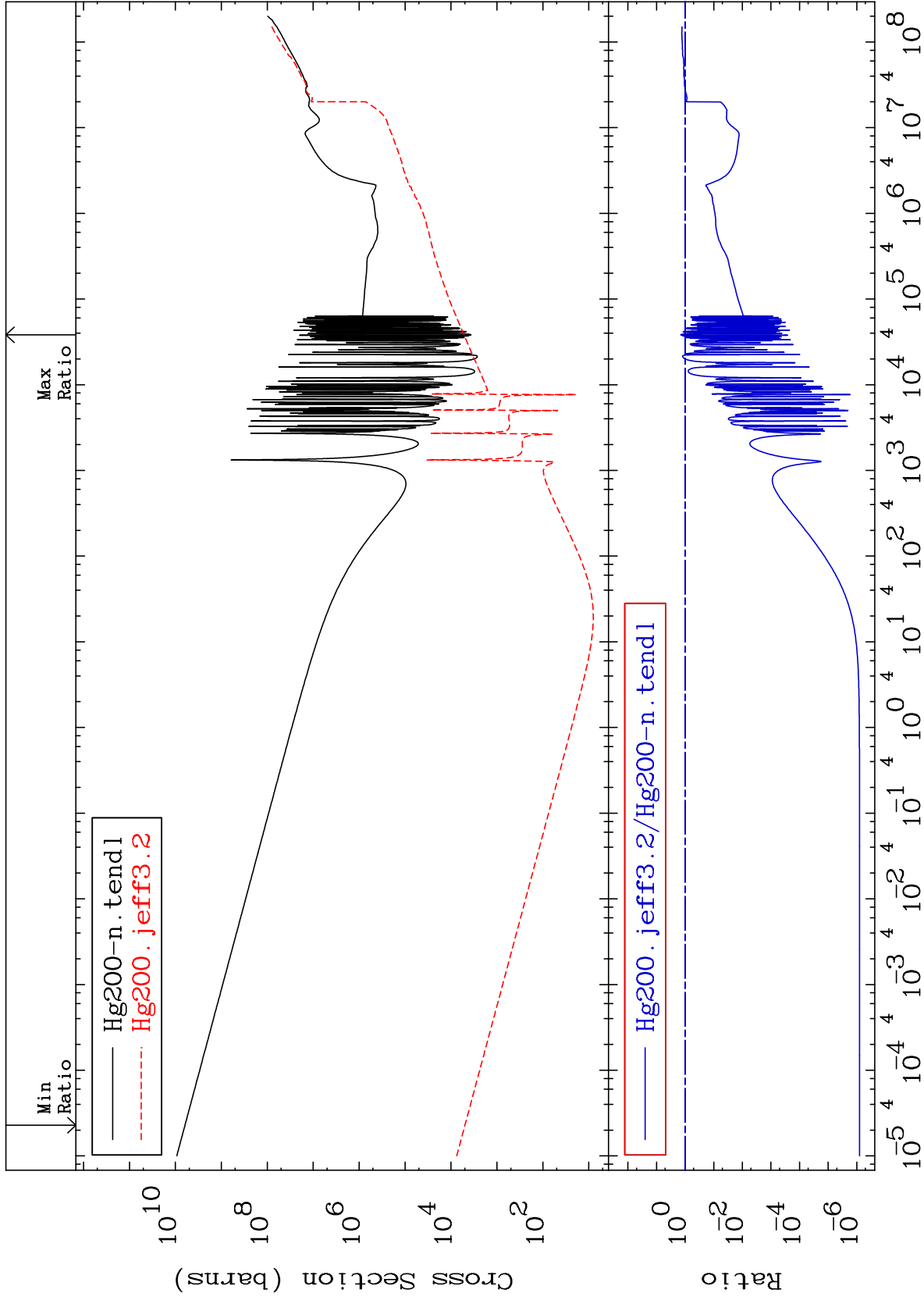
80-Hg-200

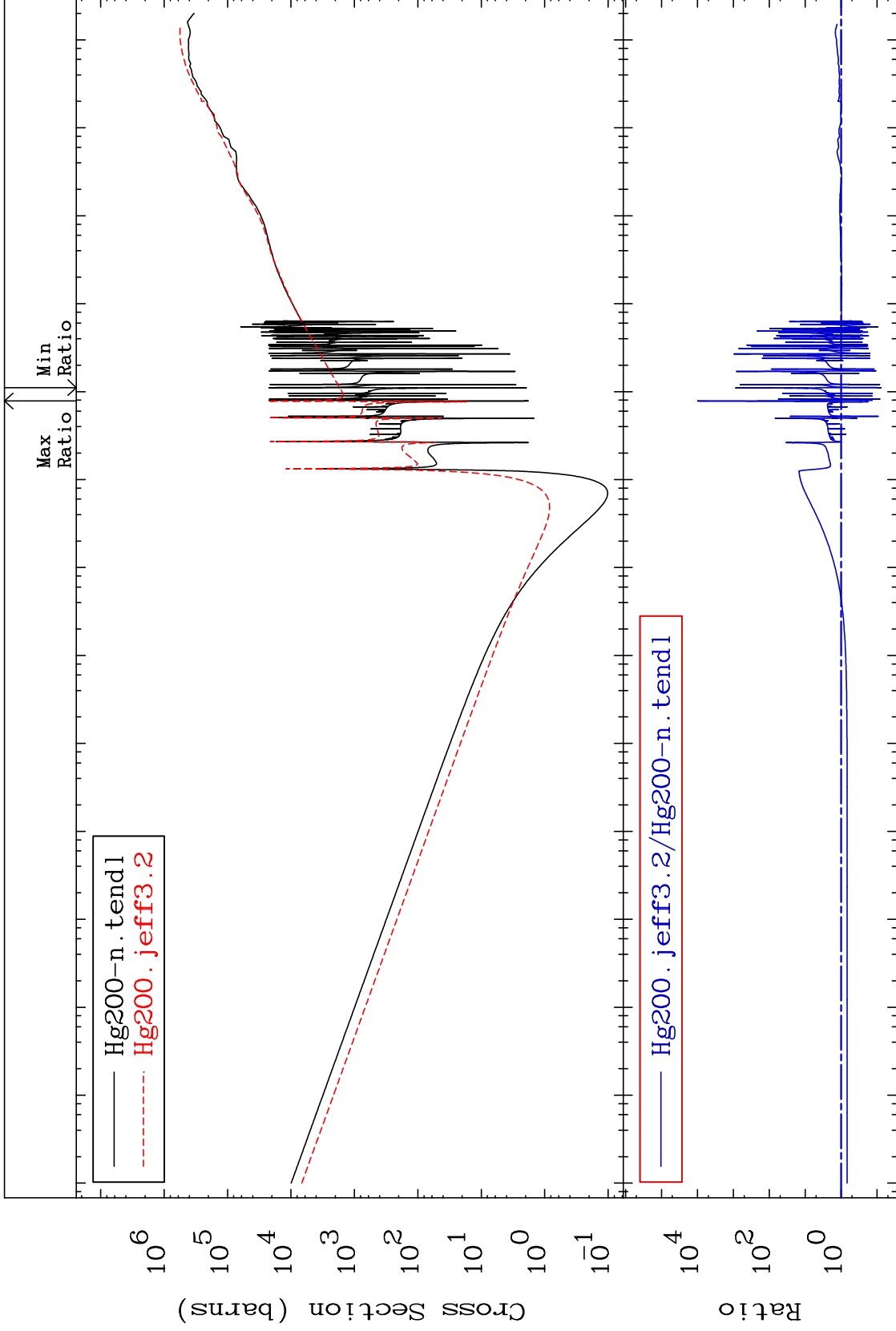
MAT 8037

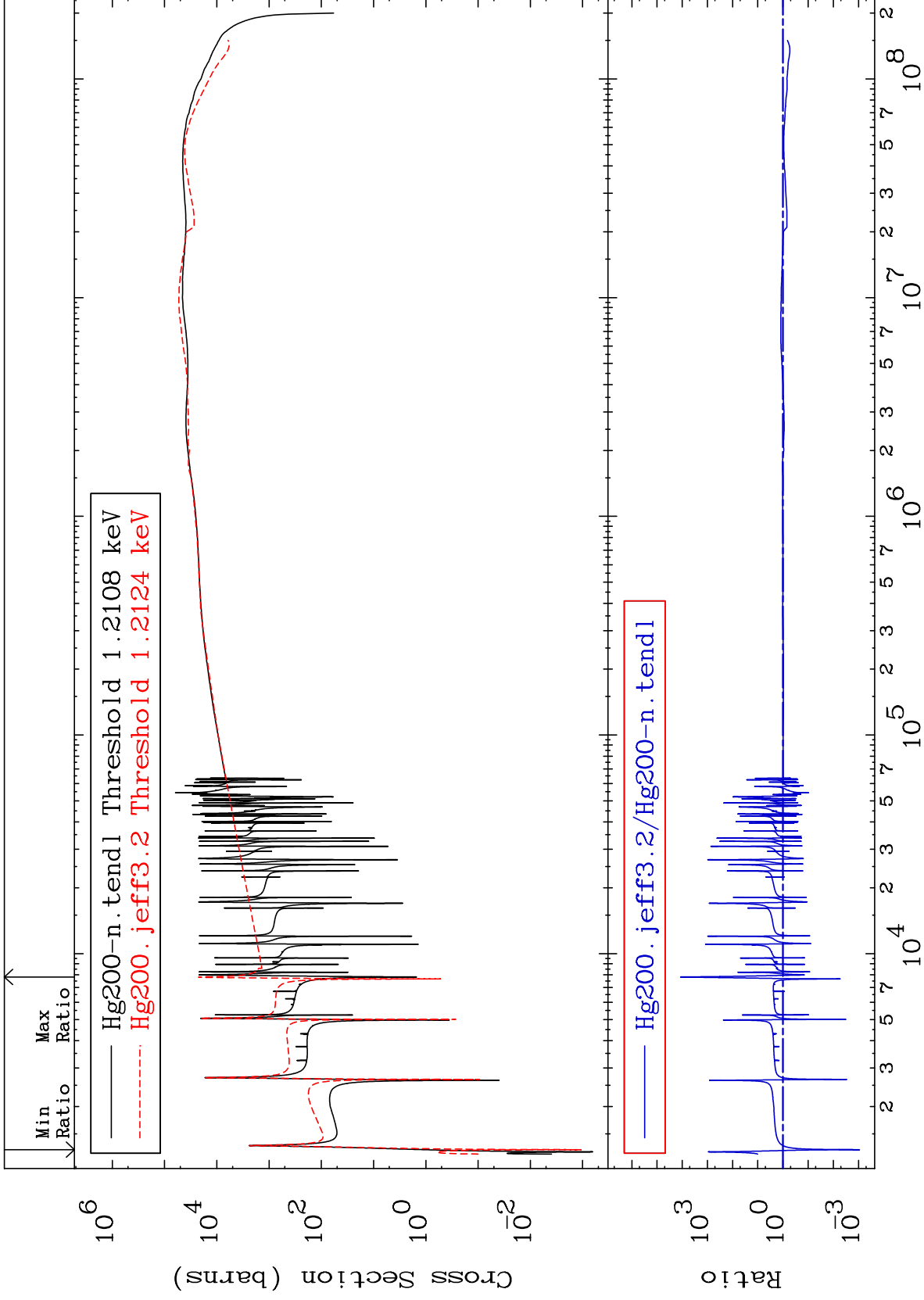
Total photon (eV-barns)
Cross Section

80-Hg-200
-100.0 To 48.79 %





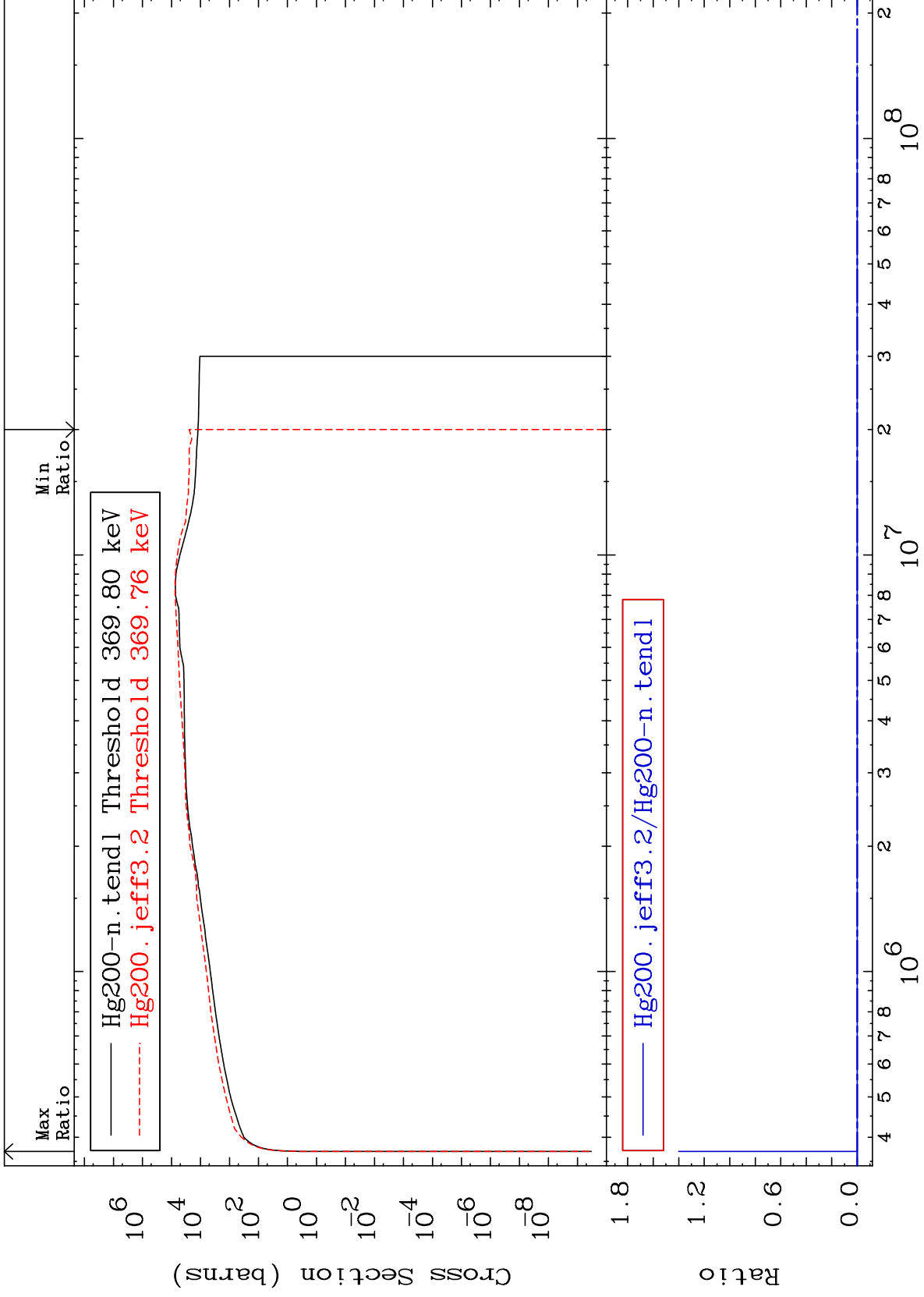




MAT 8037

Dpa inelastic (mt51-91)
Cross Section

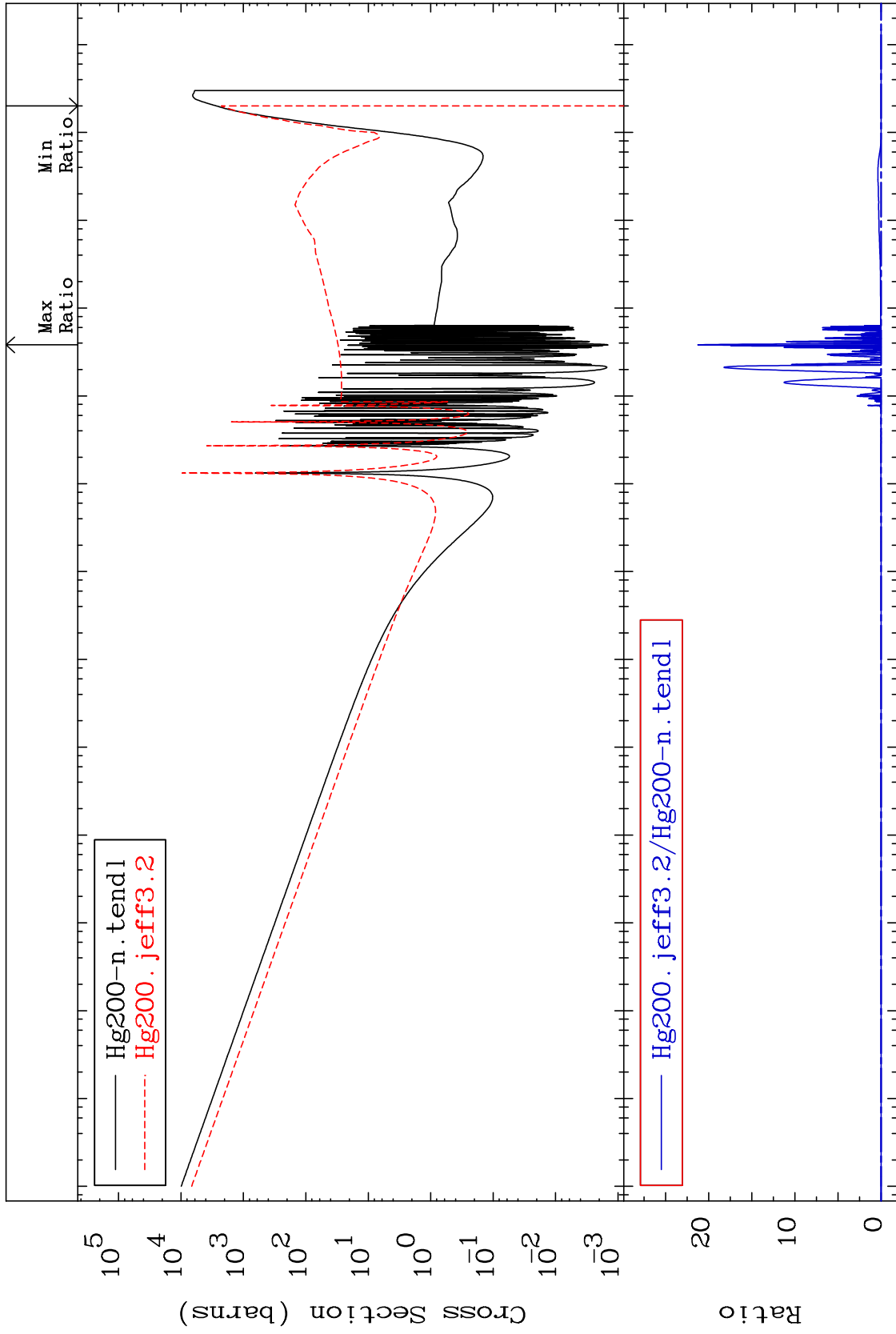
80-Hg-200
-100.0 To 9999. %



MAT 8037

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-200
-100.0 To 9999. %



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Incident Energy (eV)

80-Hg-200