

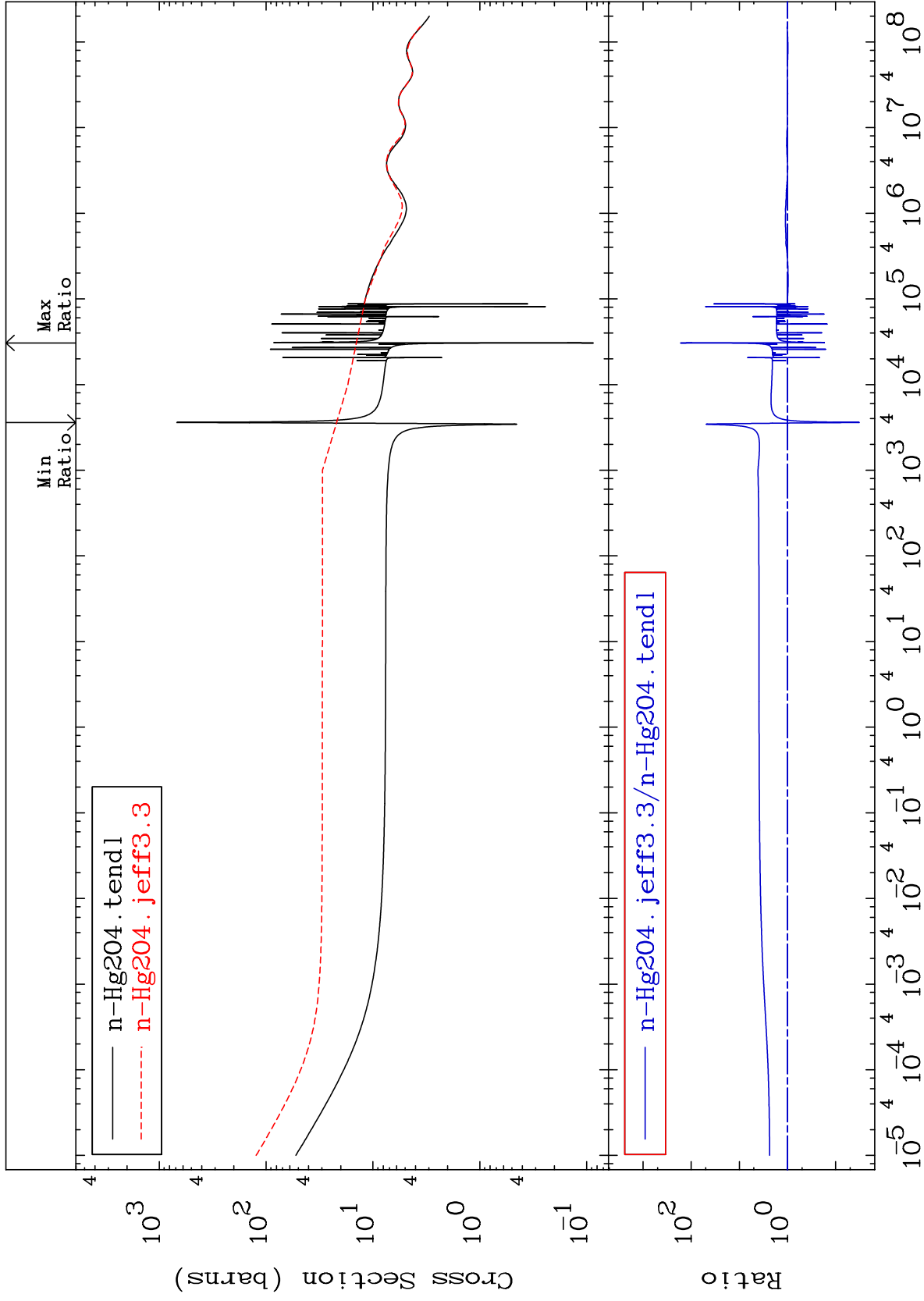
MAT 8049

Total

80-Hg-204

Cross Section

-96.81 To 9999. %



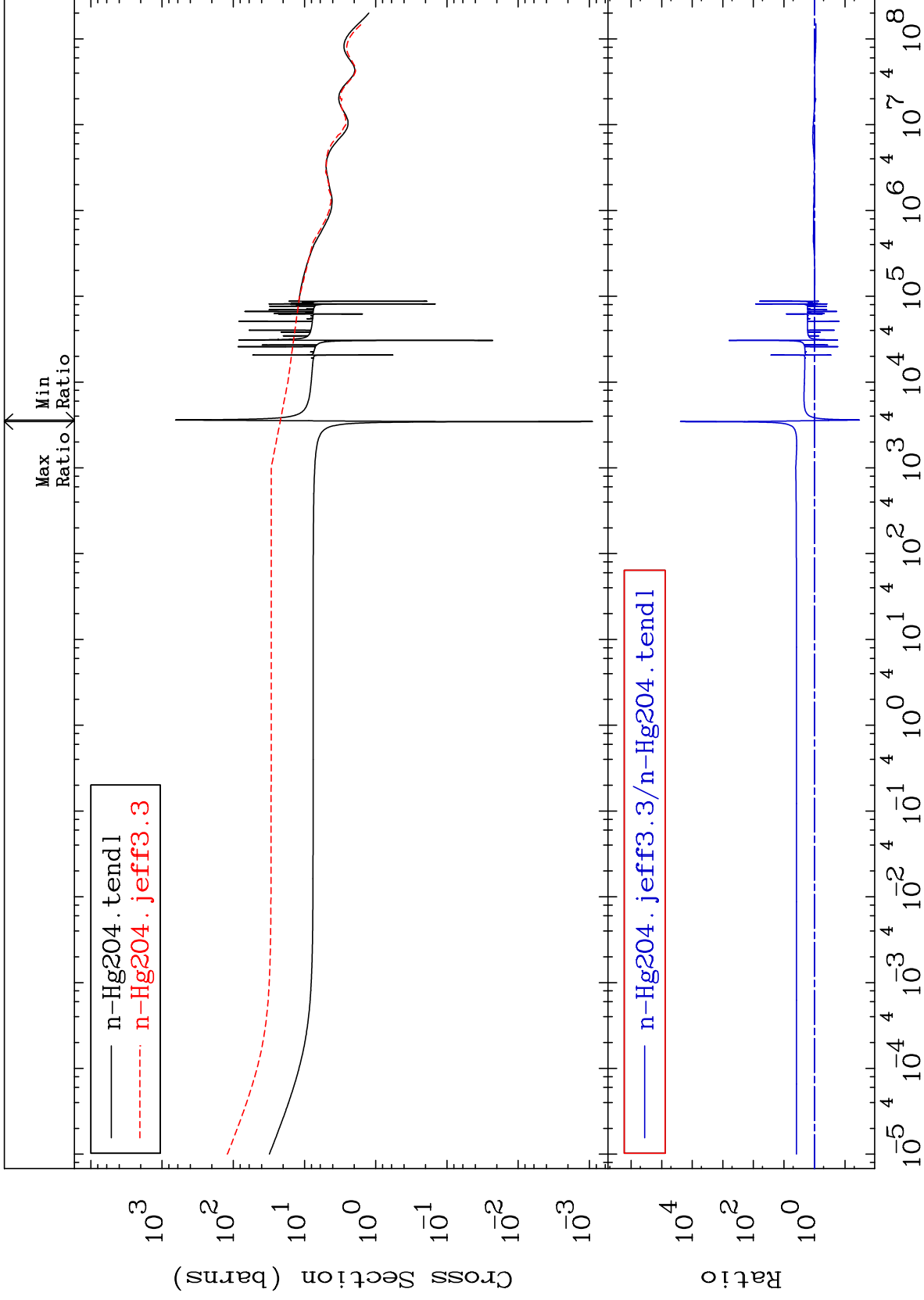
Incident Energy (eV)

80-Hg-204

MAT 8049

Elastic
Cross Section

80-Hg-204
-96.64 To 9999. %



Incident Energy (eV)

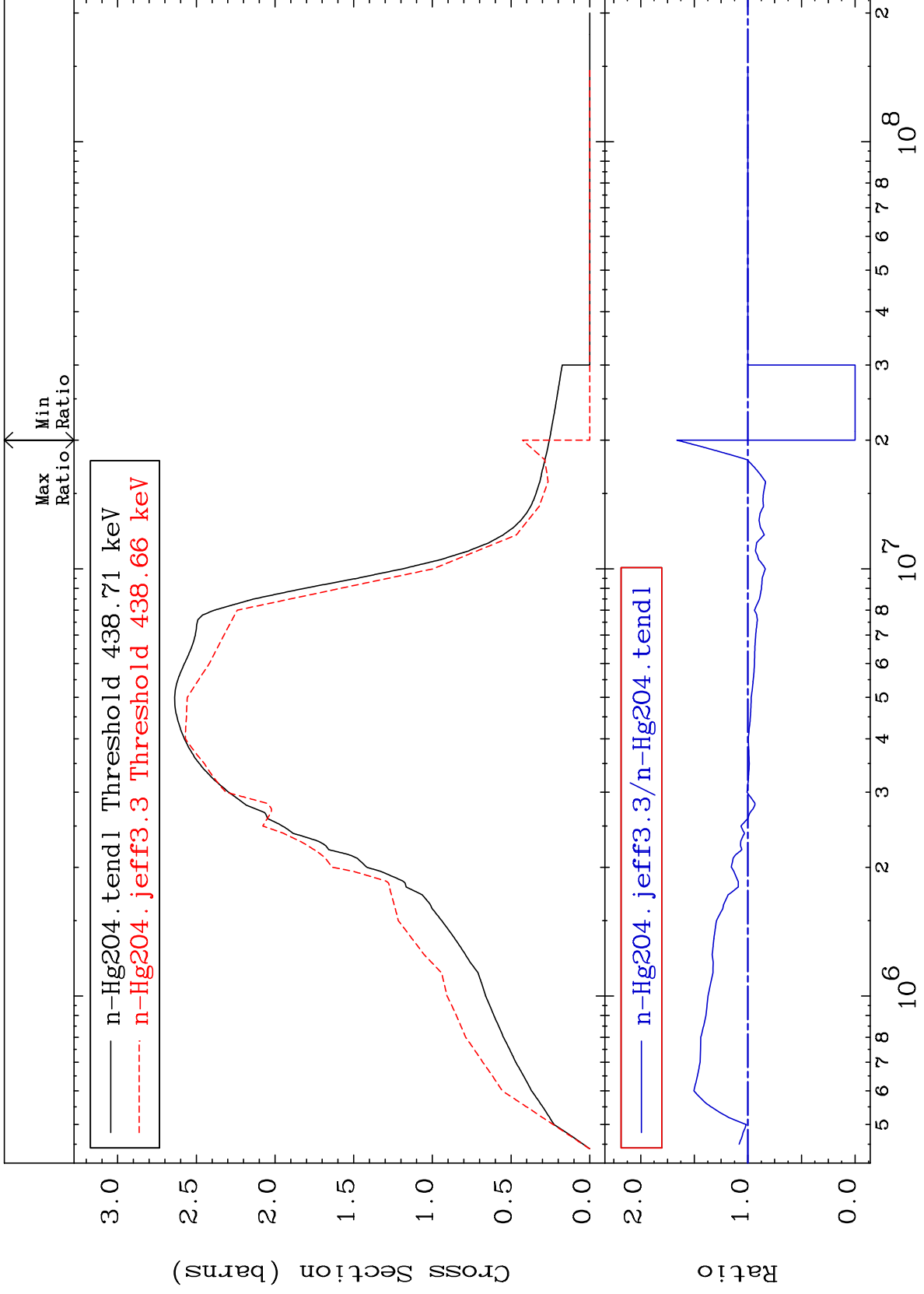
80-Hg-204

2

MAT 8049

Inelastic
Cross Section

80-Hg-204
-100.0 To 66.20 %



3

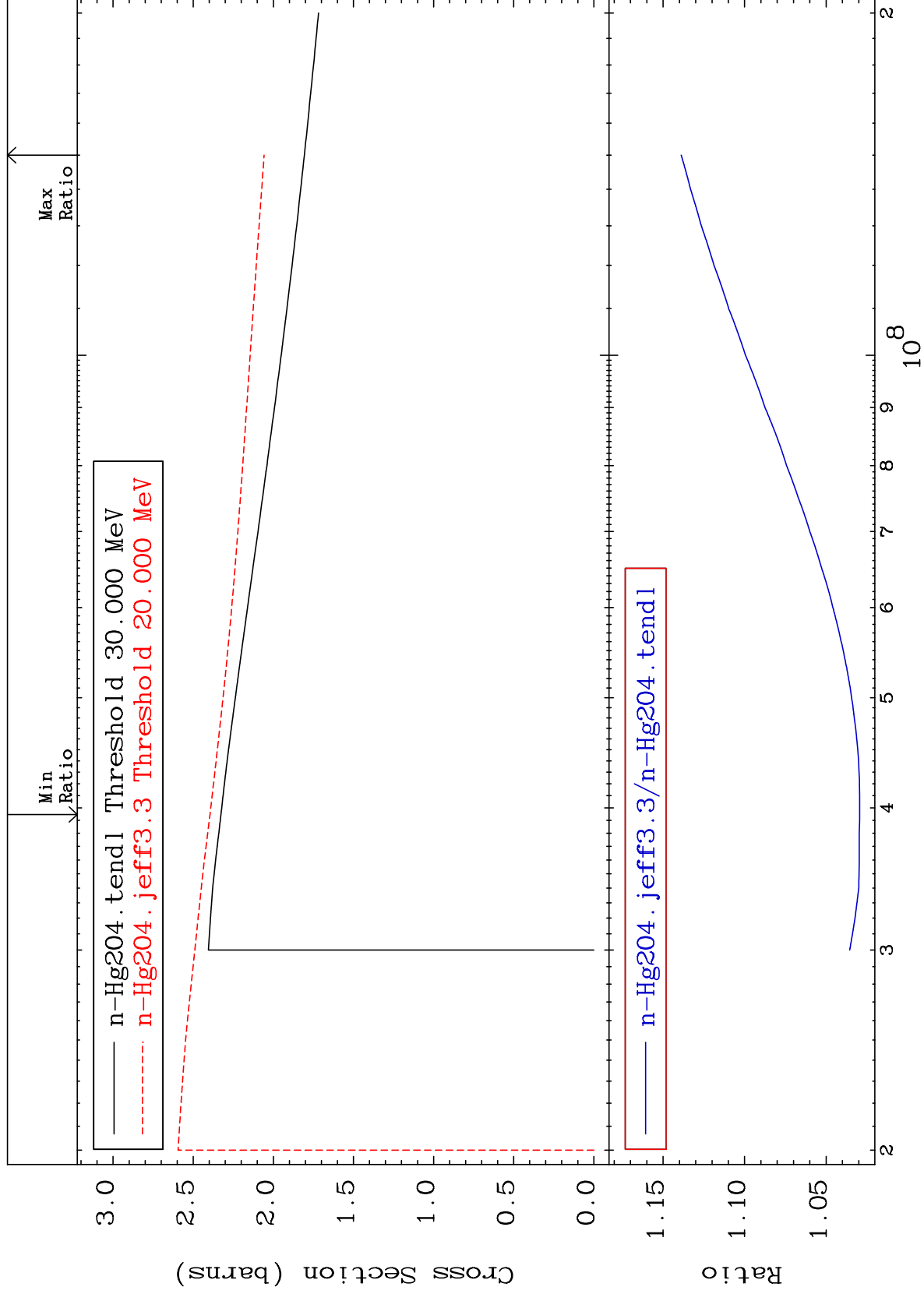
Incident Energy (eV)

80-Hg-204

MAT 8049

(n, remainder)
Cross Section

80-Hg-204
2.943 To 13.89 %



4

Incident Energy (eV)

80-Hg-204

MAT 8049

(n,2n)

80-Hg-204

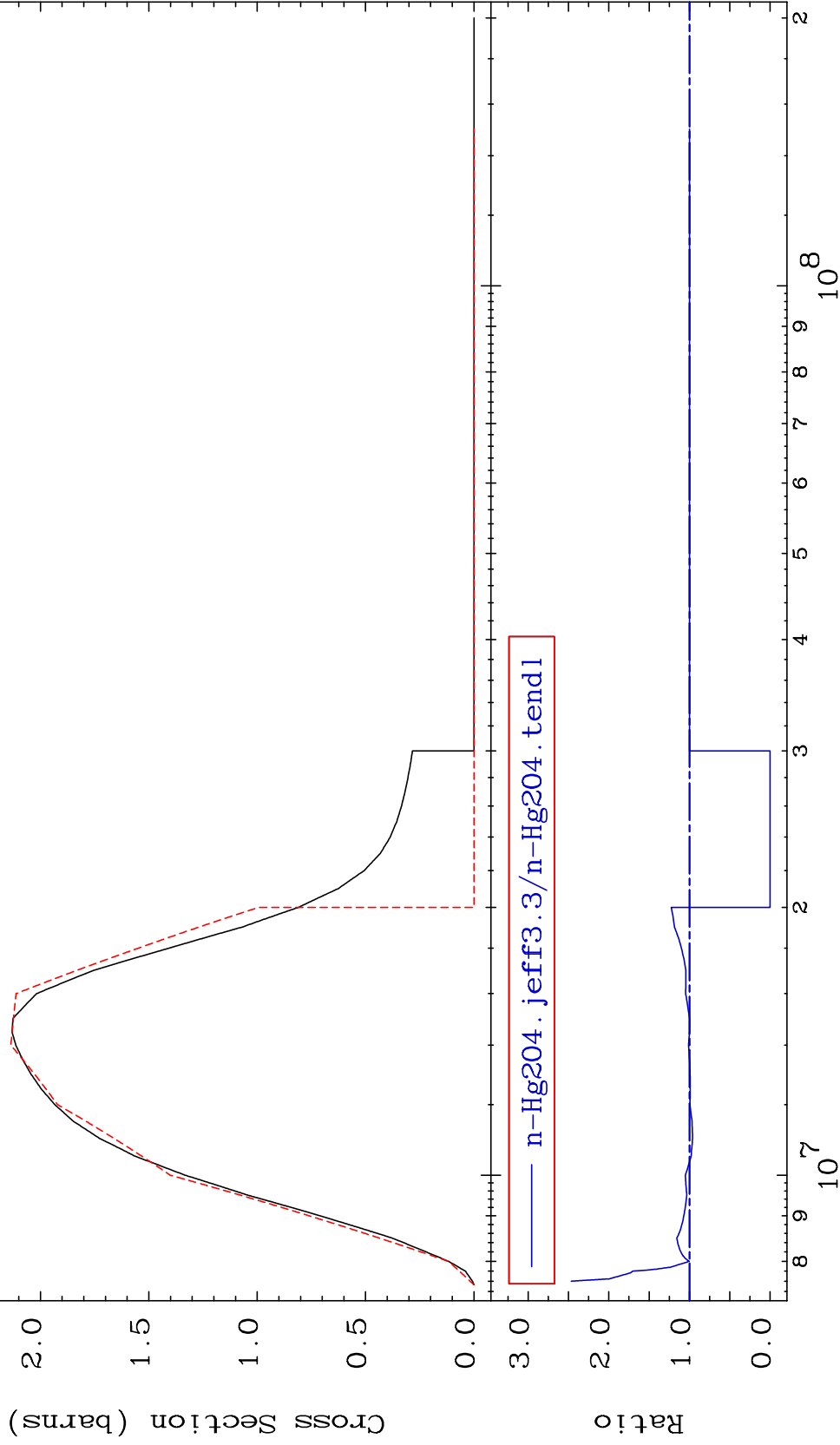
Cross Section

-100.0 To 146.6 %

Max Ratio

Min Ratio

— n-Hg204.tendl Threshold 7.5293 MeV
- - - n-Hg204.jeff3.3 Threshold 7.5277 MeV



5

Incident Energy (eV)

80-Hg-204

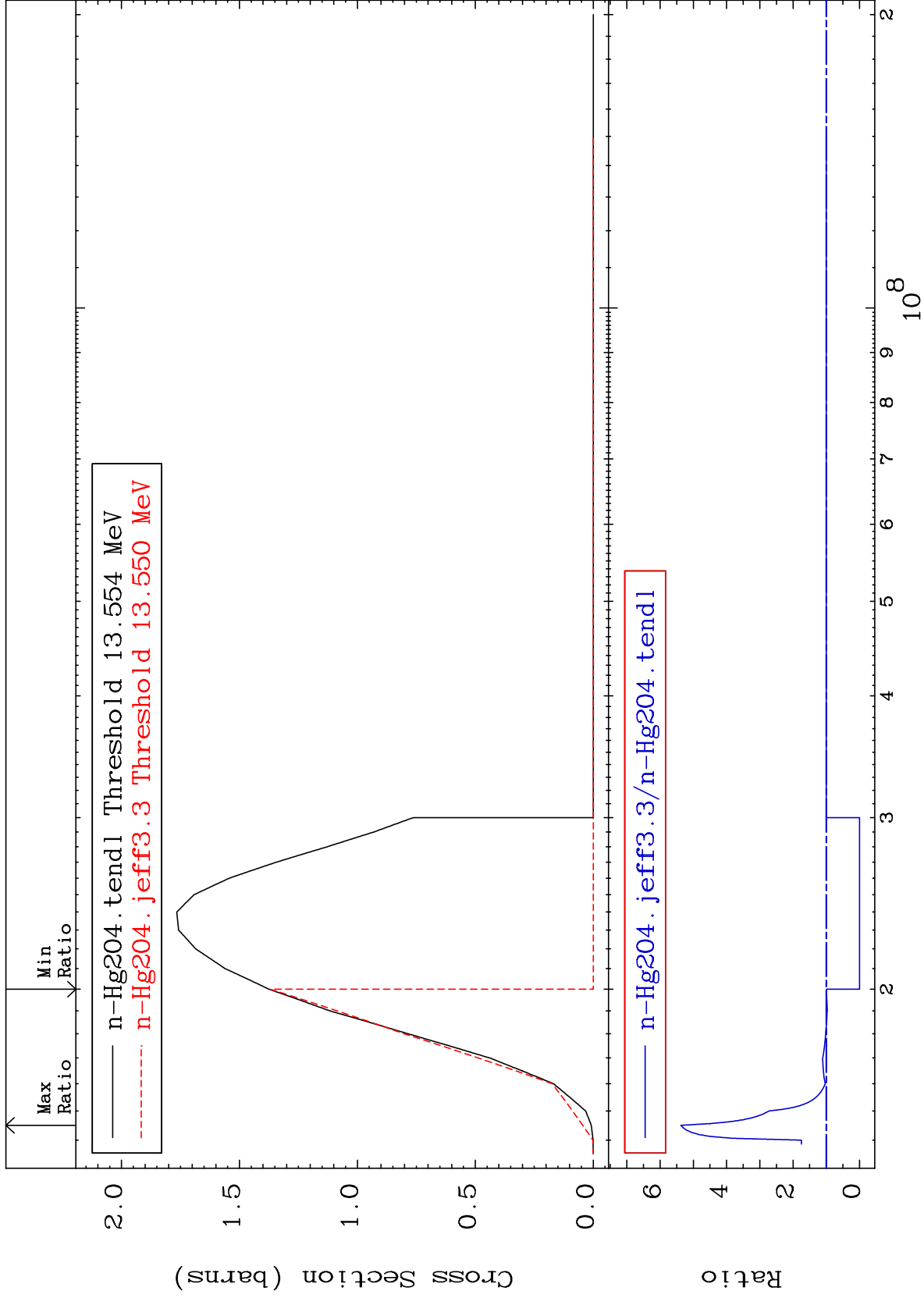
MAT 8049

(n,3n)

80-Hg-204

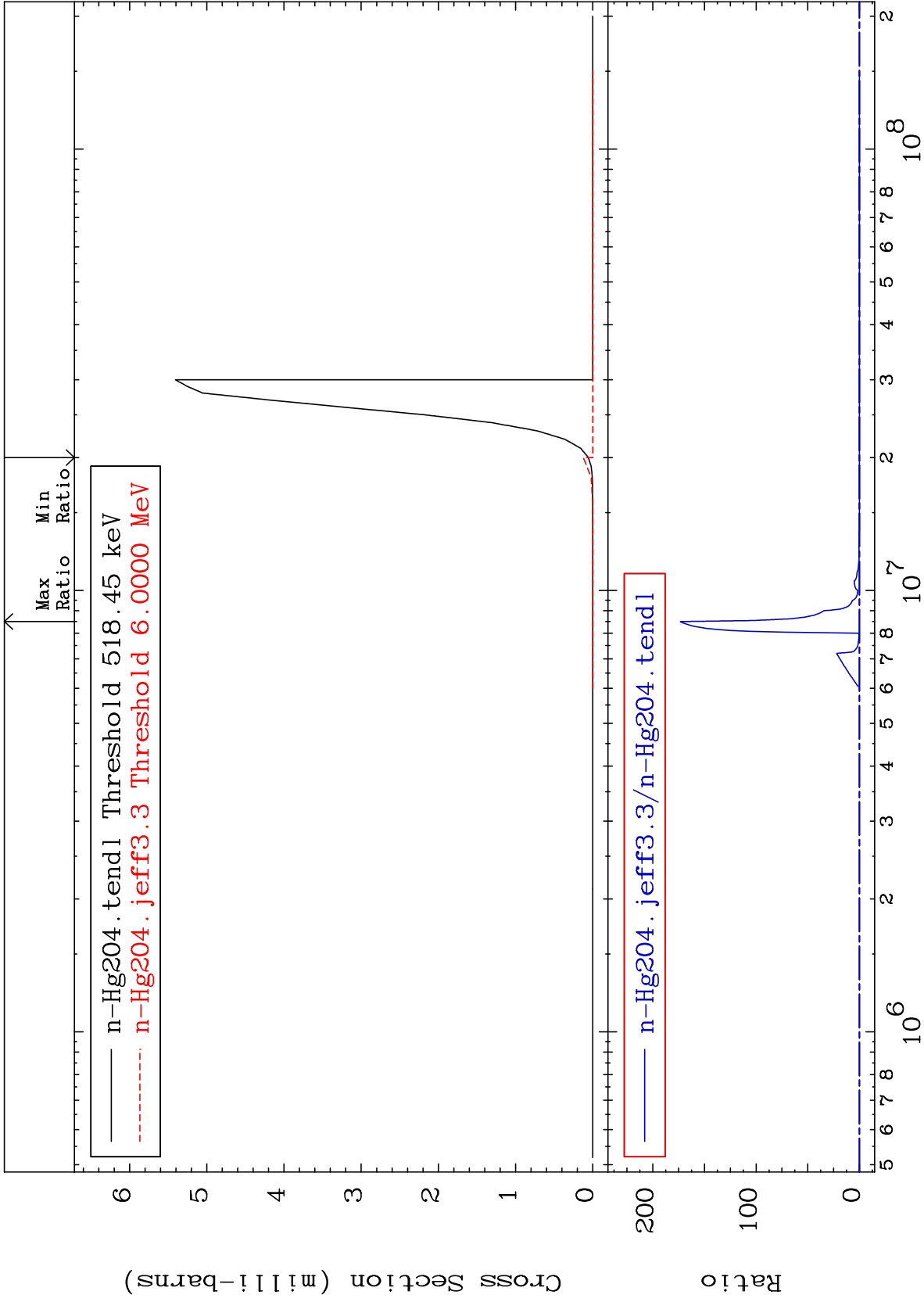
Cross Section

-100.0 To 437.8 %



MAT 8049

$(n, n') \alpha$
Cross Section
80-Hg-204
-100.0 To 9999. %



7

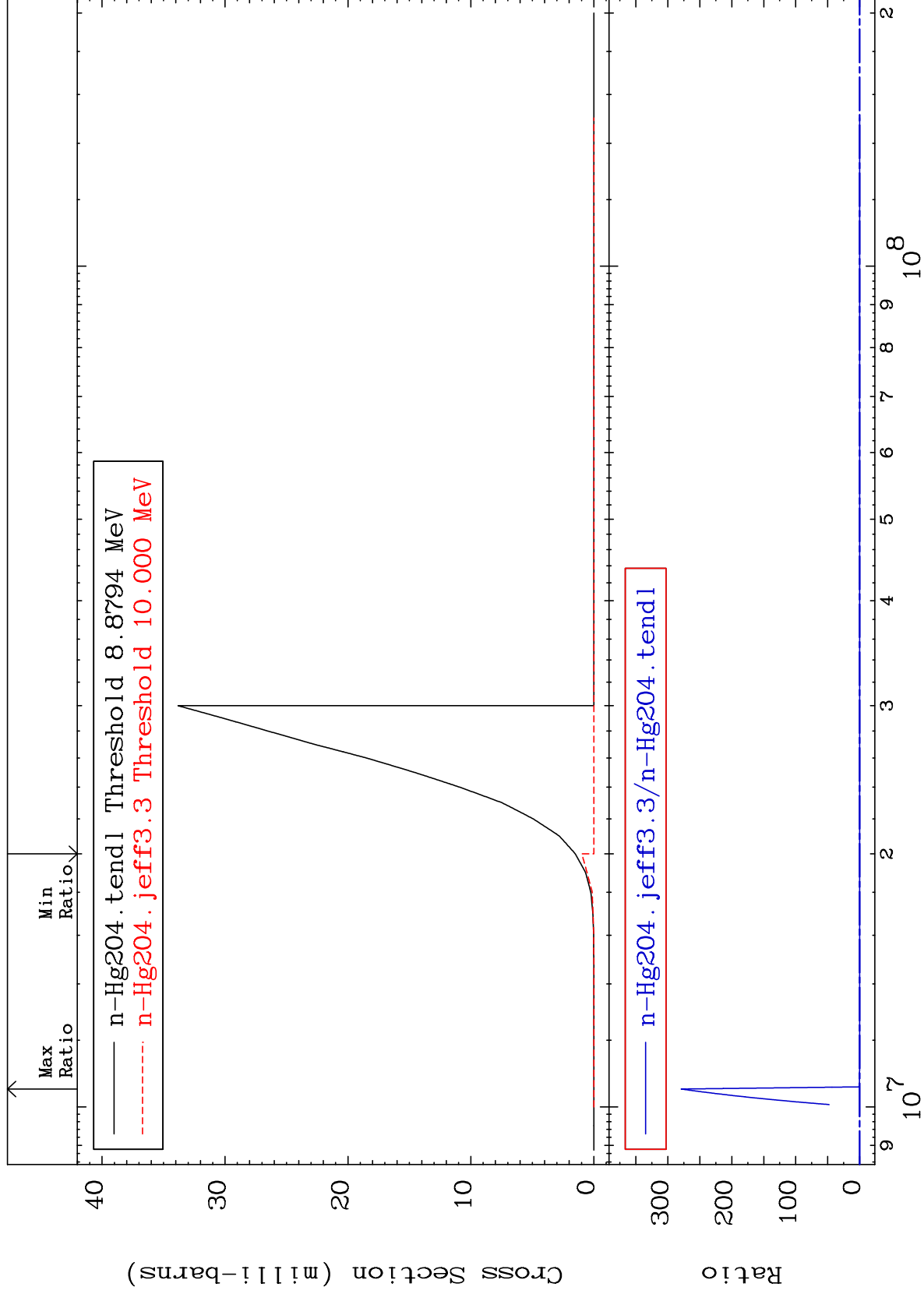
80-Hg-204

80-Hg-204

MAT 8049

(n,n') p
Cross Section

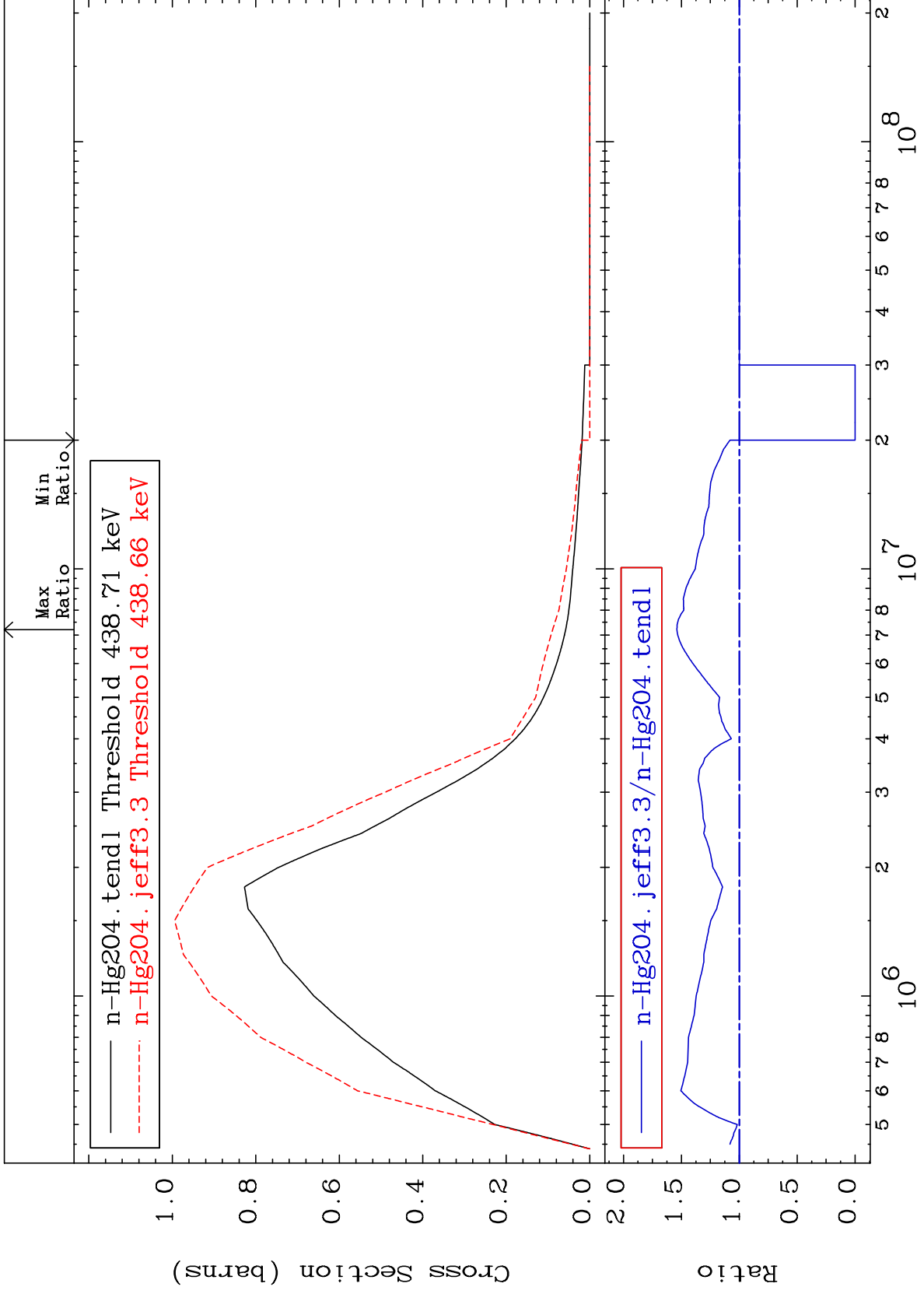
80-Hg-204
-100.0 To 9999. %



MAT 8049

MT= 51 (n,n') Level
Cross Section

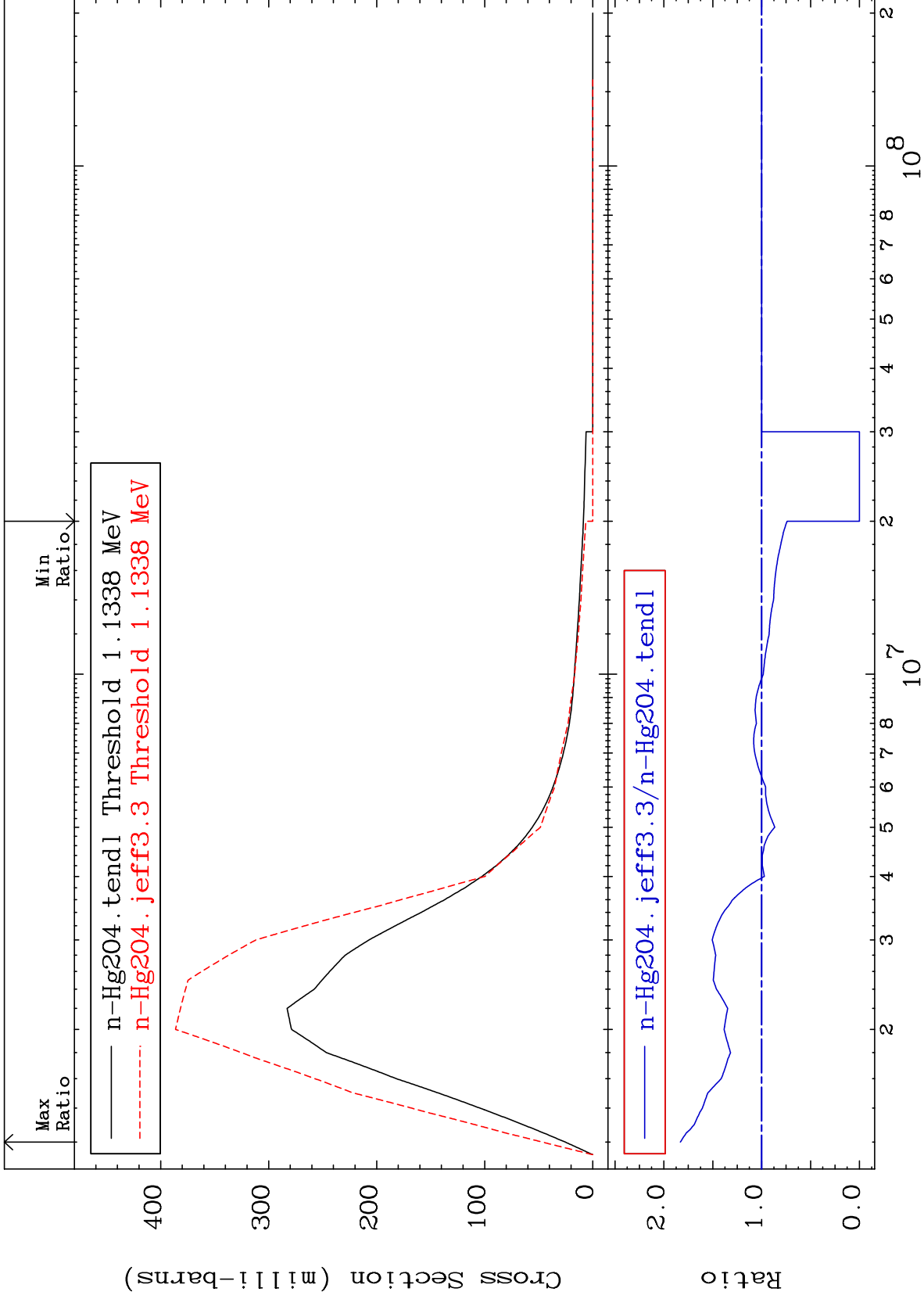
80-Hg-204
-100.0 To 53.86 %



MAT 8049

MT= 52 (n, n') Level
Cross Section

80-Hg-204
-100.0 To 83.13 %



10

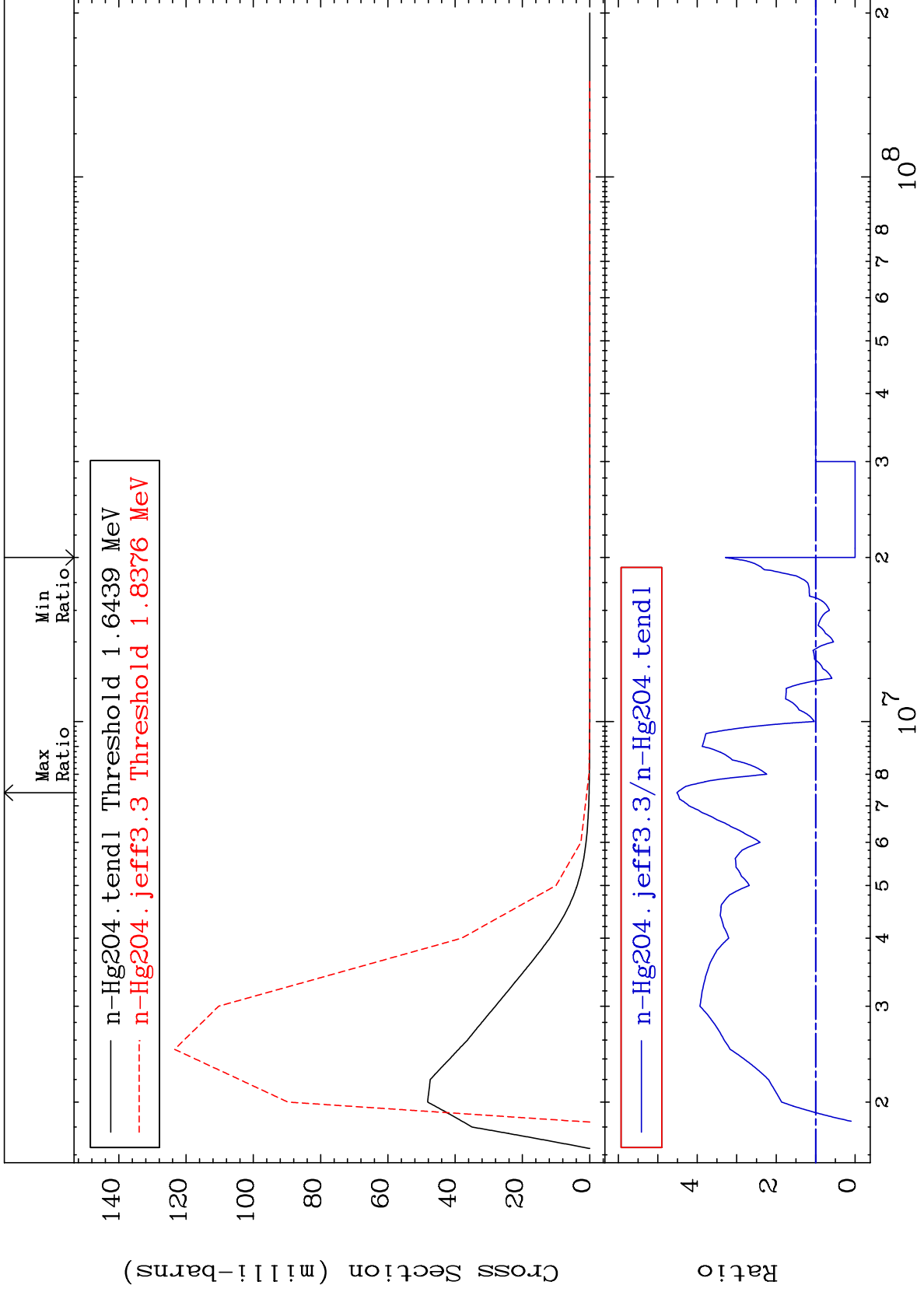
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 53 (n,n') Level
Cross Section

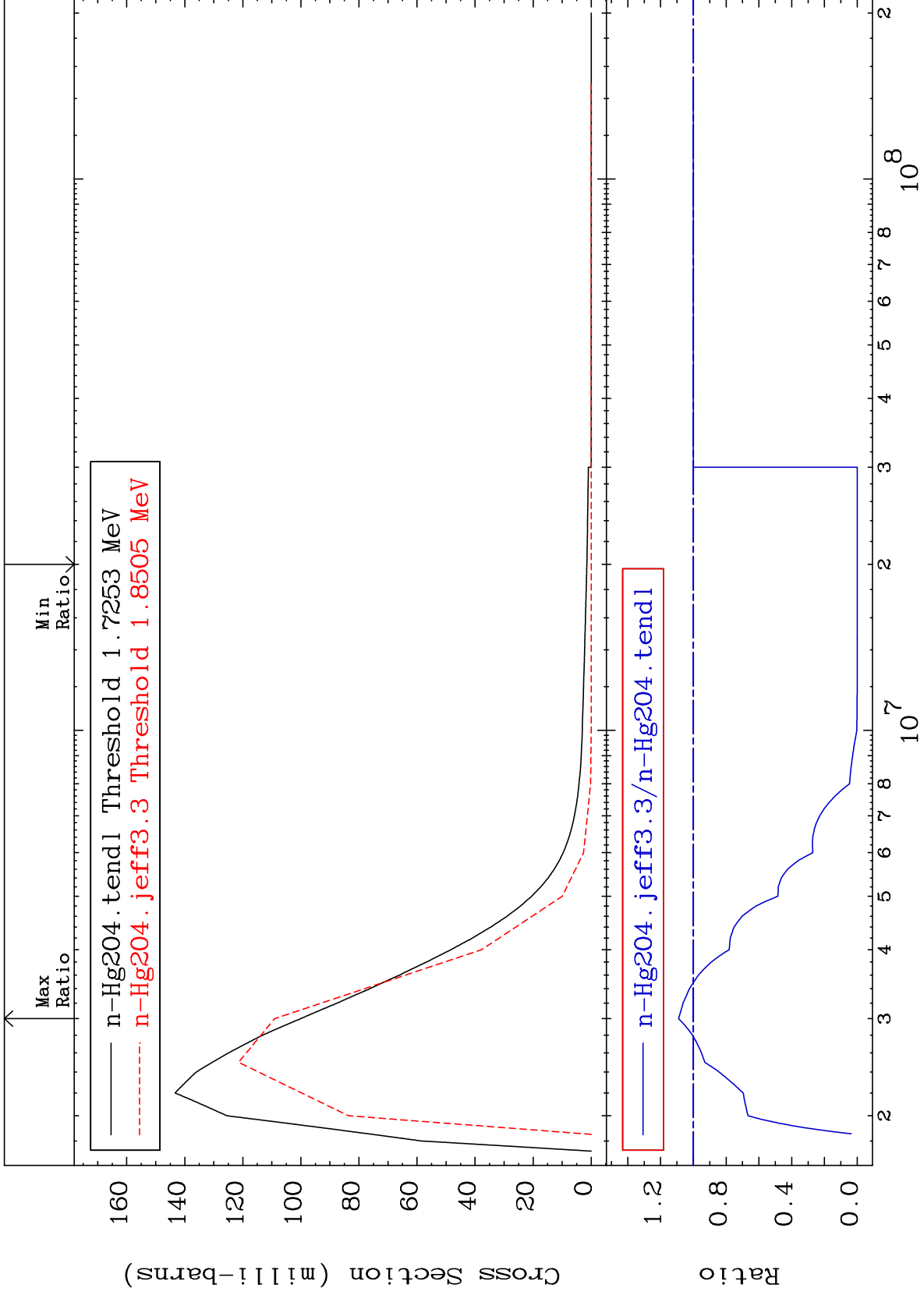
80-Hg-204
-100.0 To 351.6 %



MAT 8049

MT= 54 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 8.991 %



12

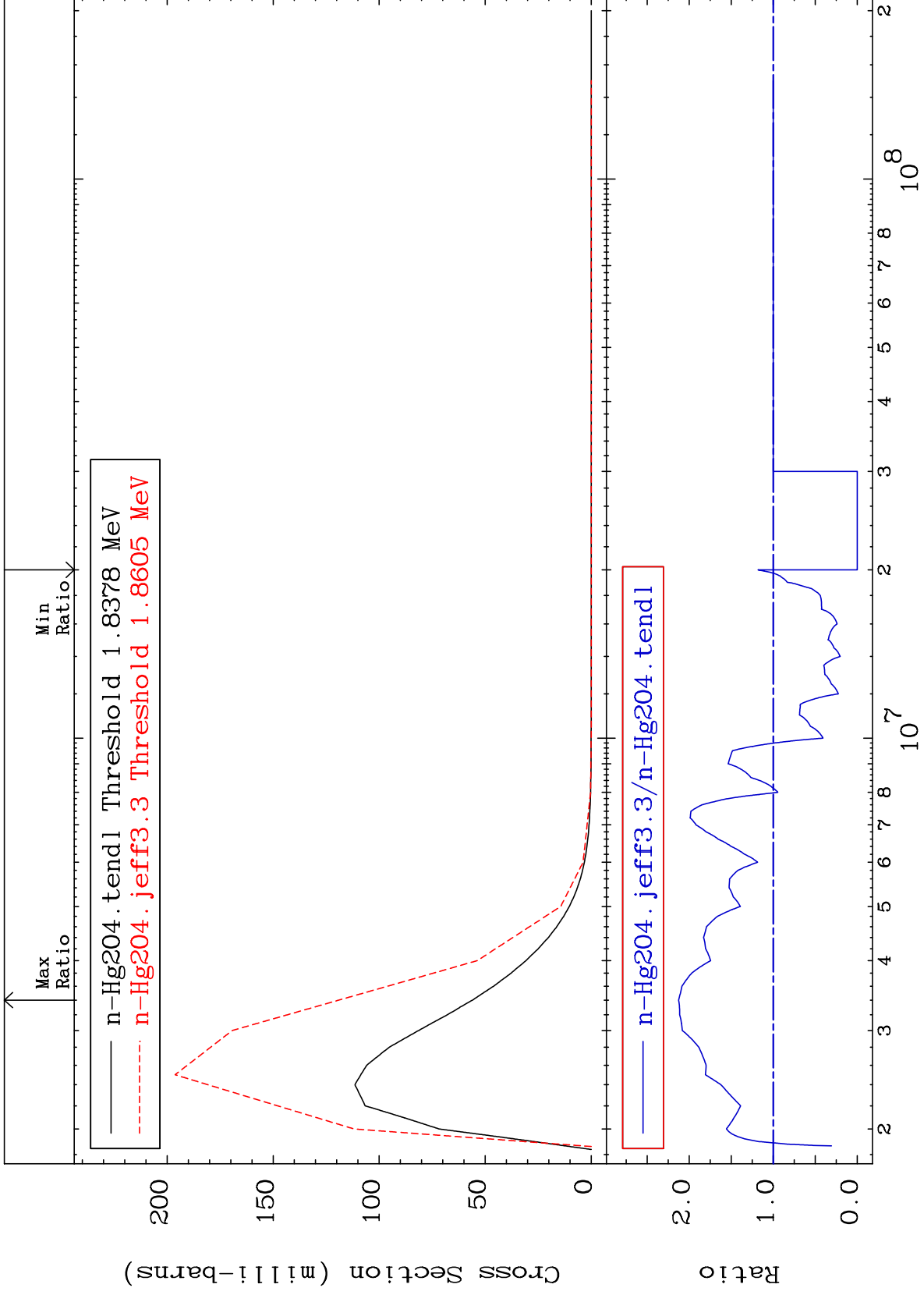
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 55 (n,n') Level
Cross Section

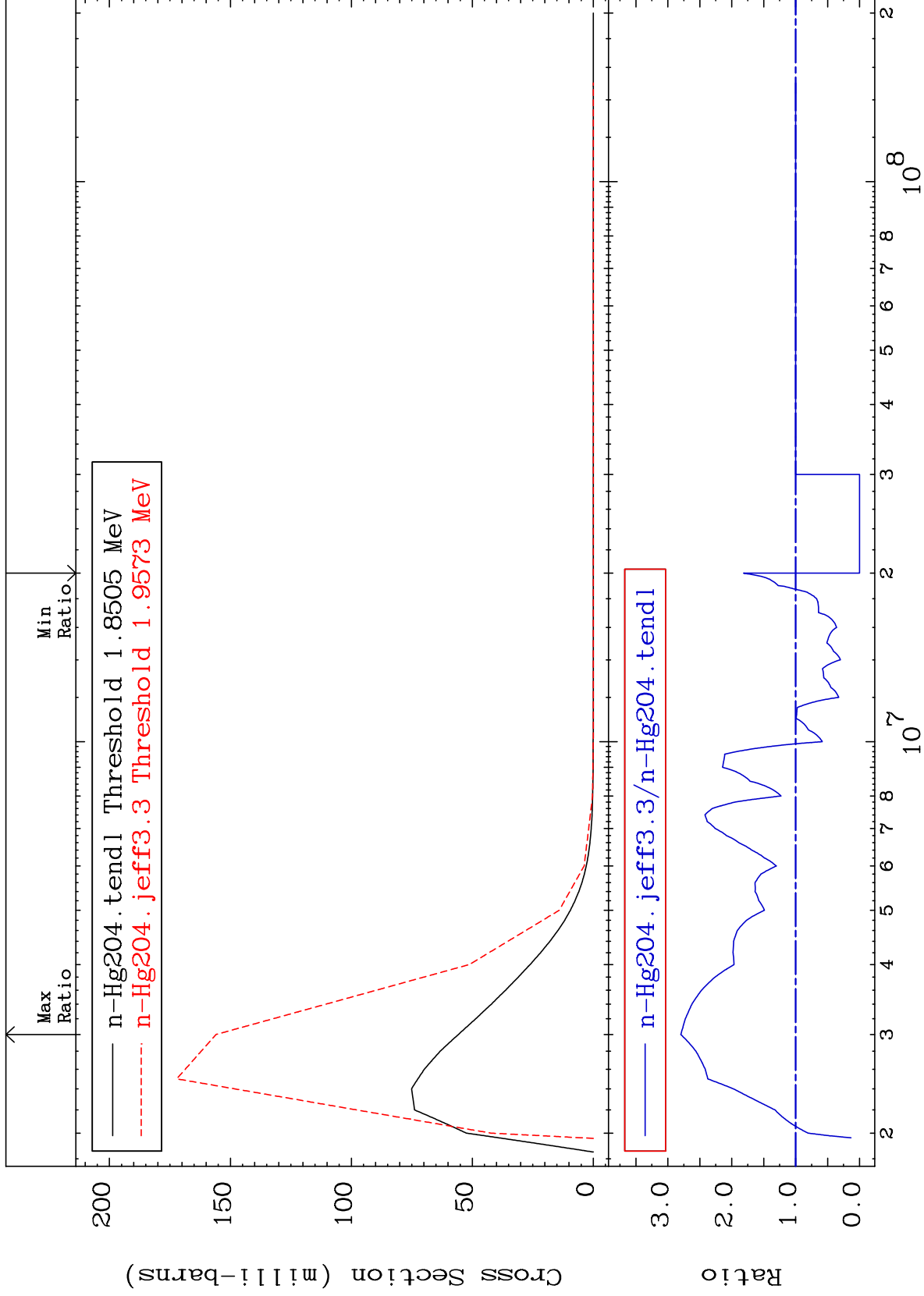
80-Hg-204
-100.0 To 112.6 %



MAT 8049

MT= 56 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 179.8 %



14

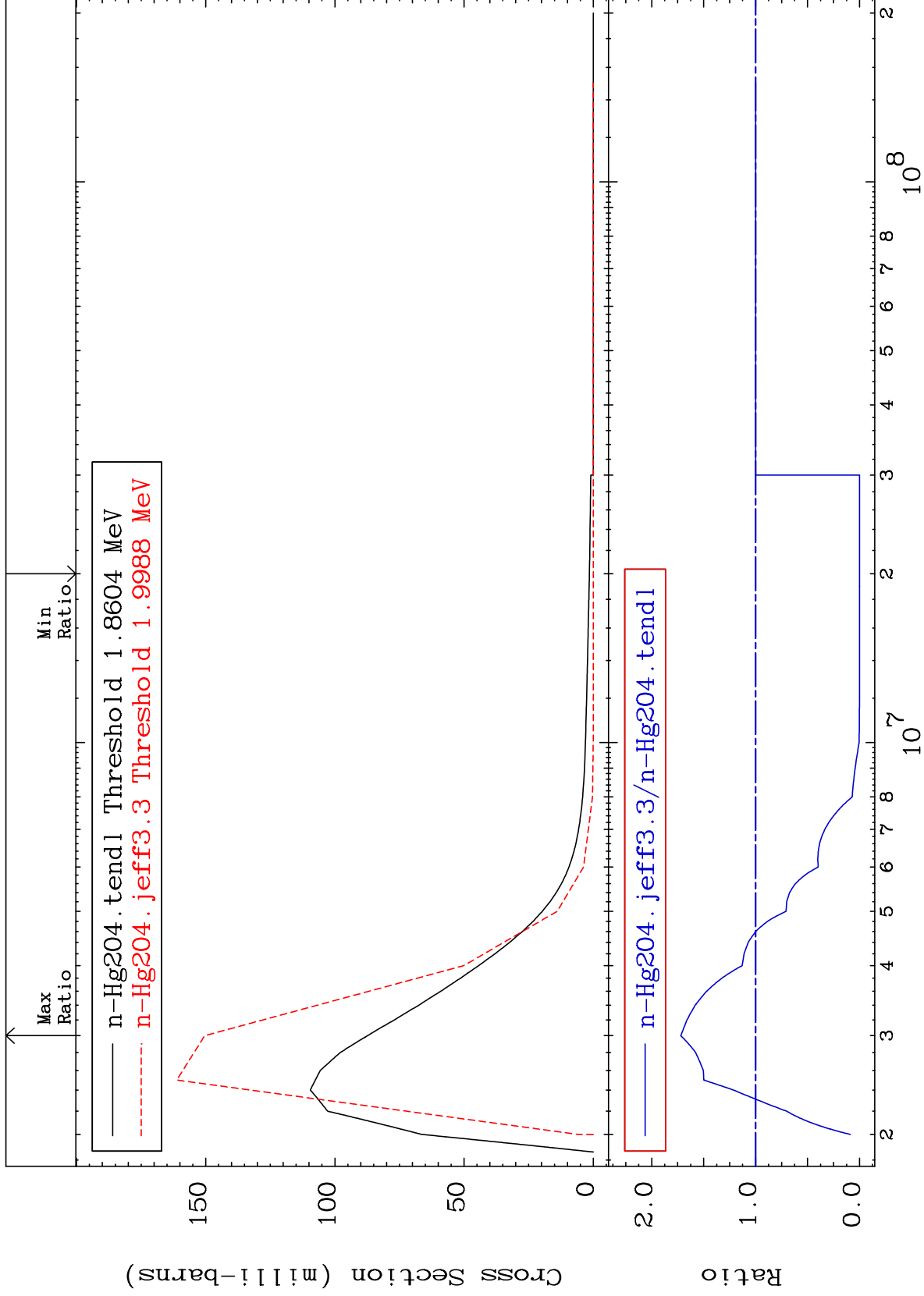
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 57 (n, n') Level
Cross Section

80-Hg-204
-100.0 To 72.05 %



15

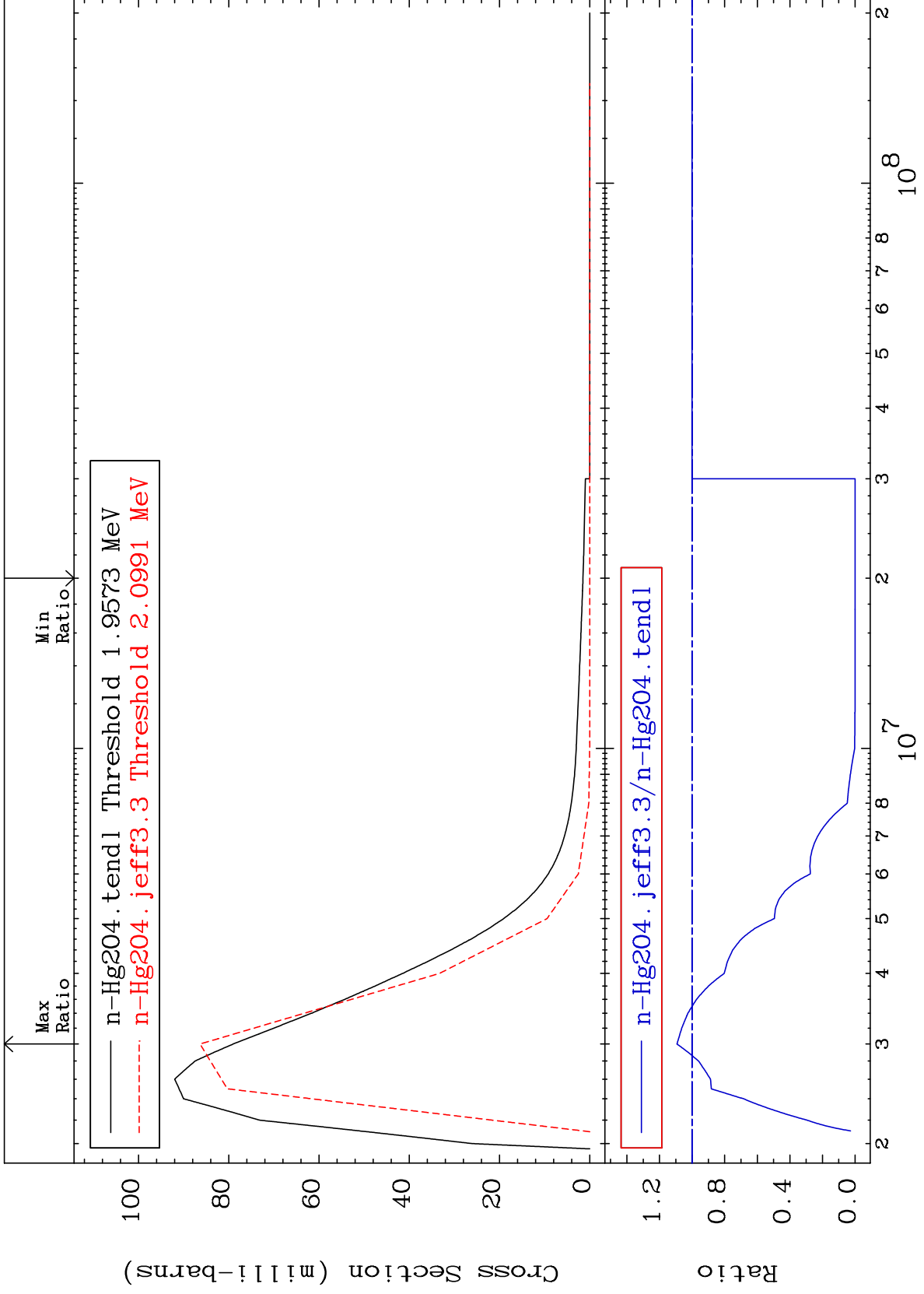
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 58 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 9.303 %



16

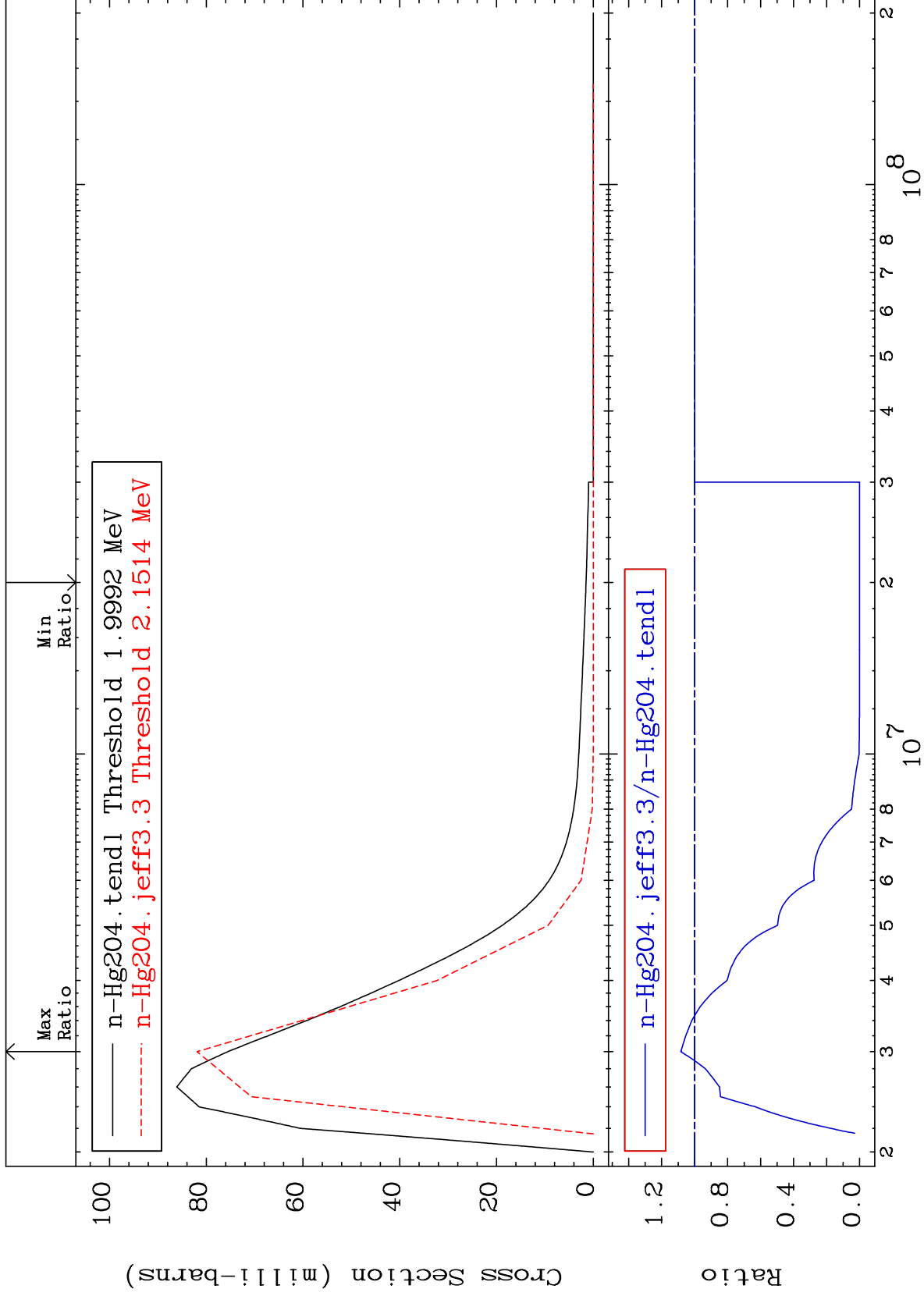
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 59 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 8.414 %



17

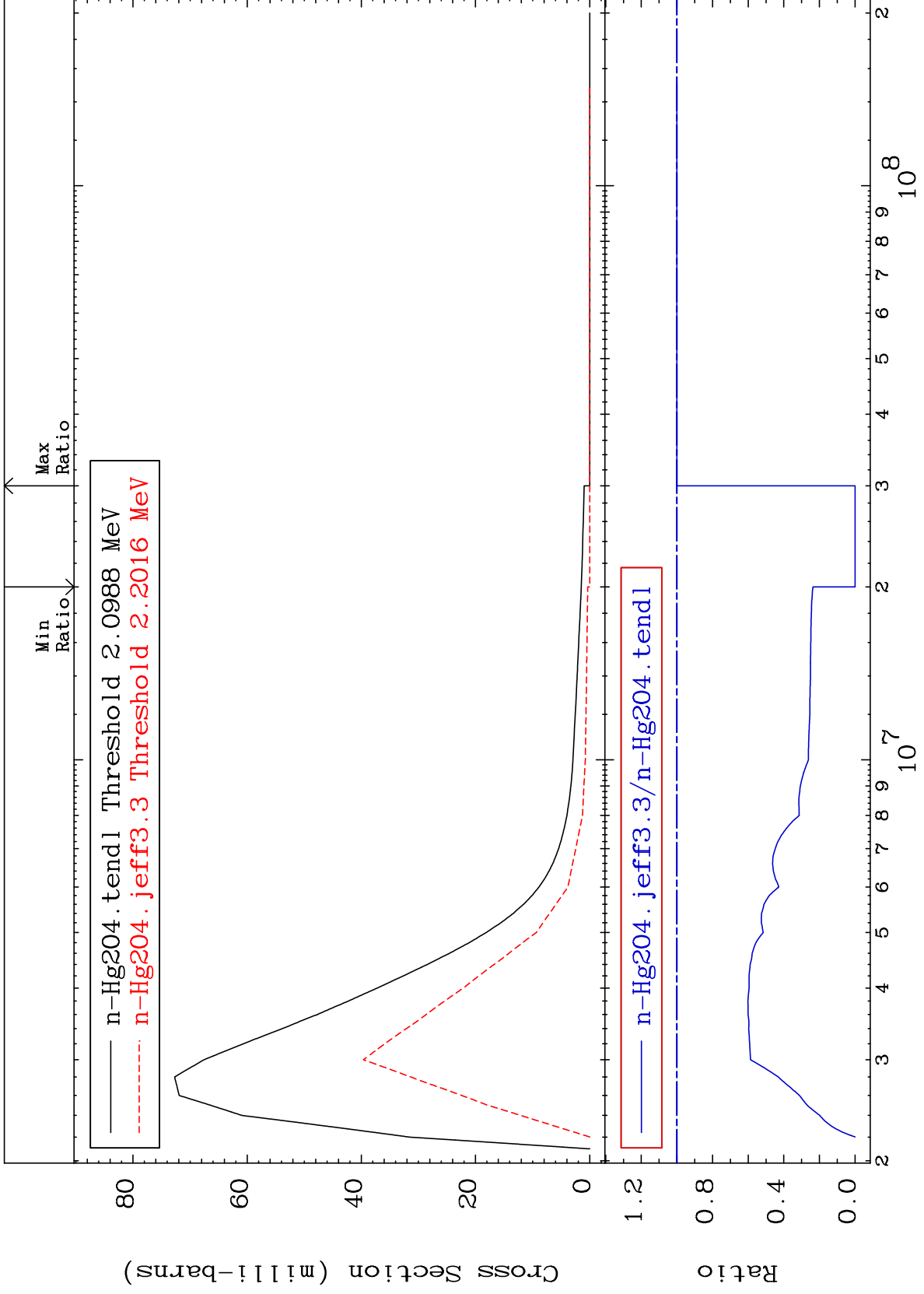
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 60 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 0.000 %



18

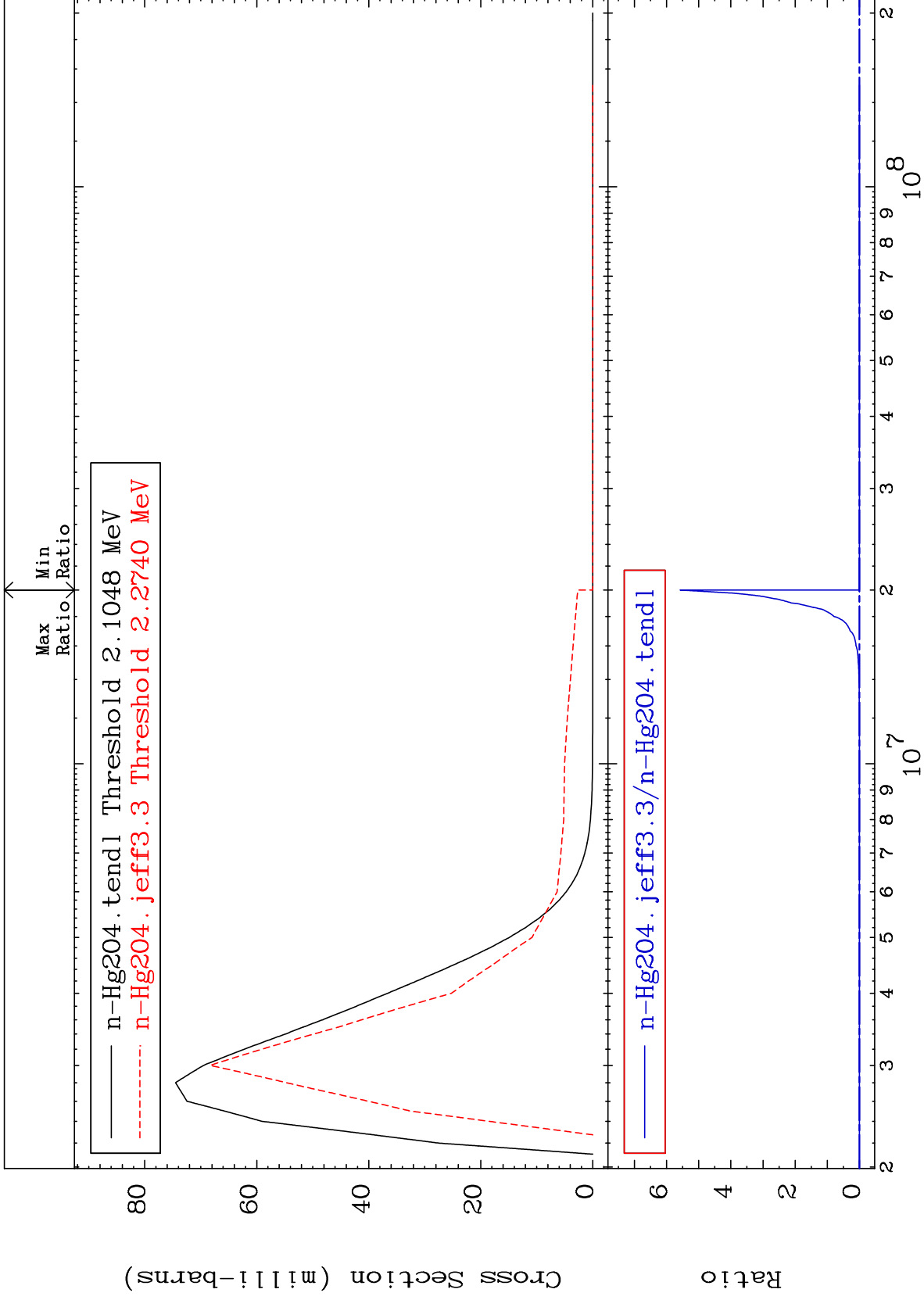
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 61 (n, n') Level
Cross Section

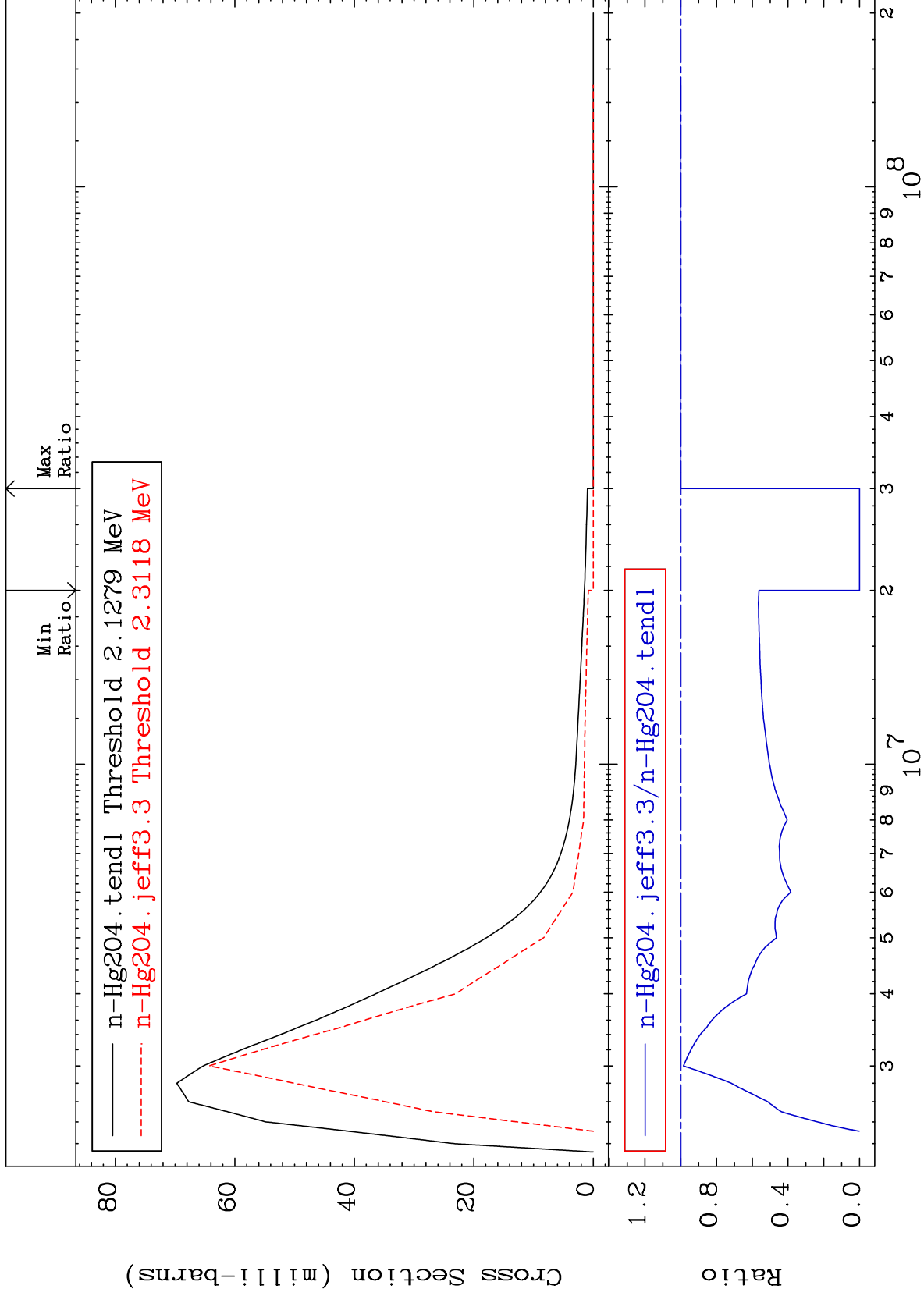
80-Hg-204
-100.0 To 9999. %



MAT 8049

MT= 62 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 0.000 %



20

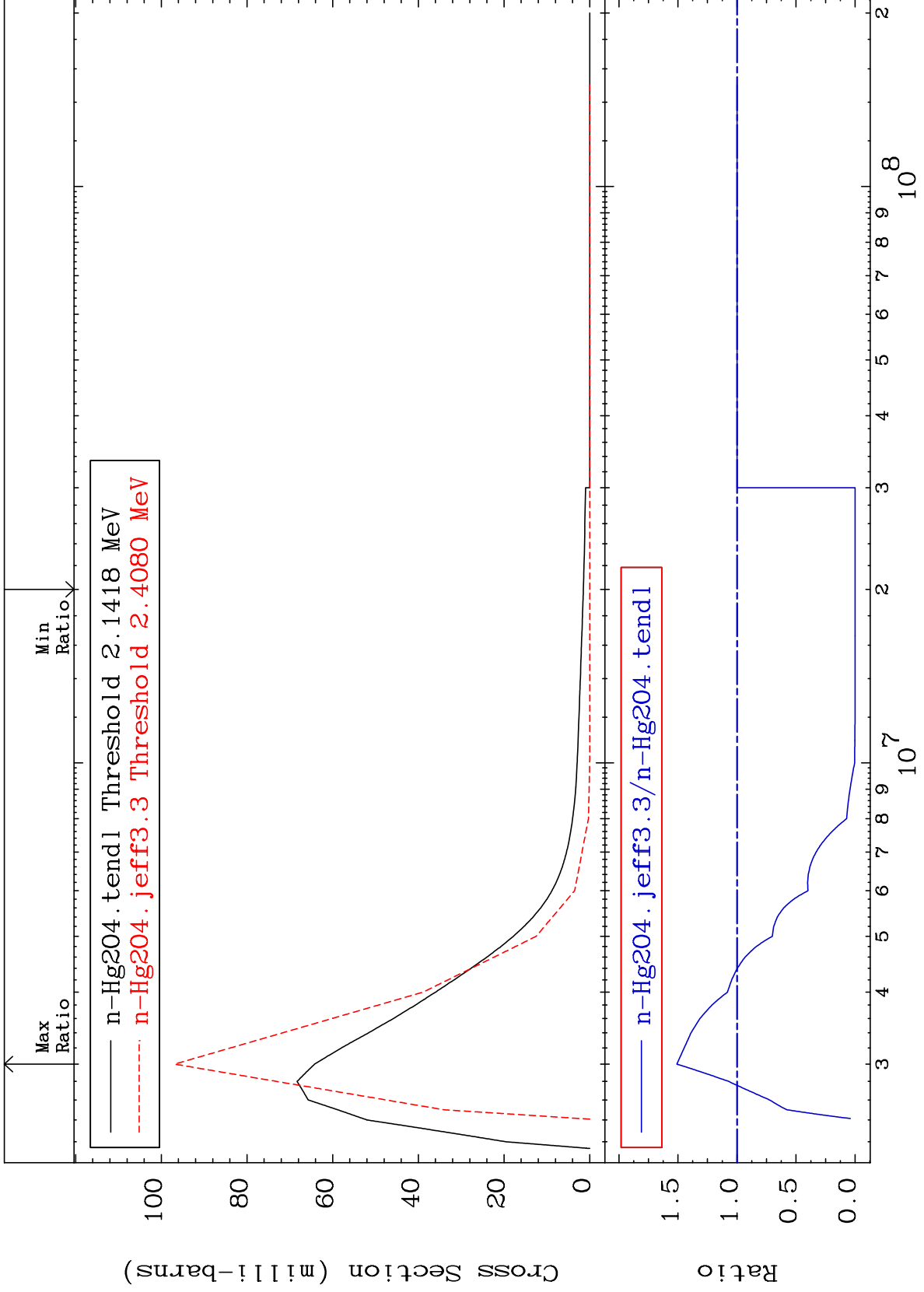
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 63 (n,n') Level
Cross Section

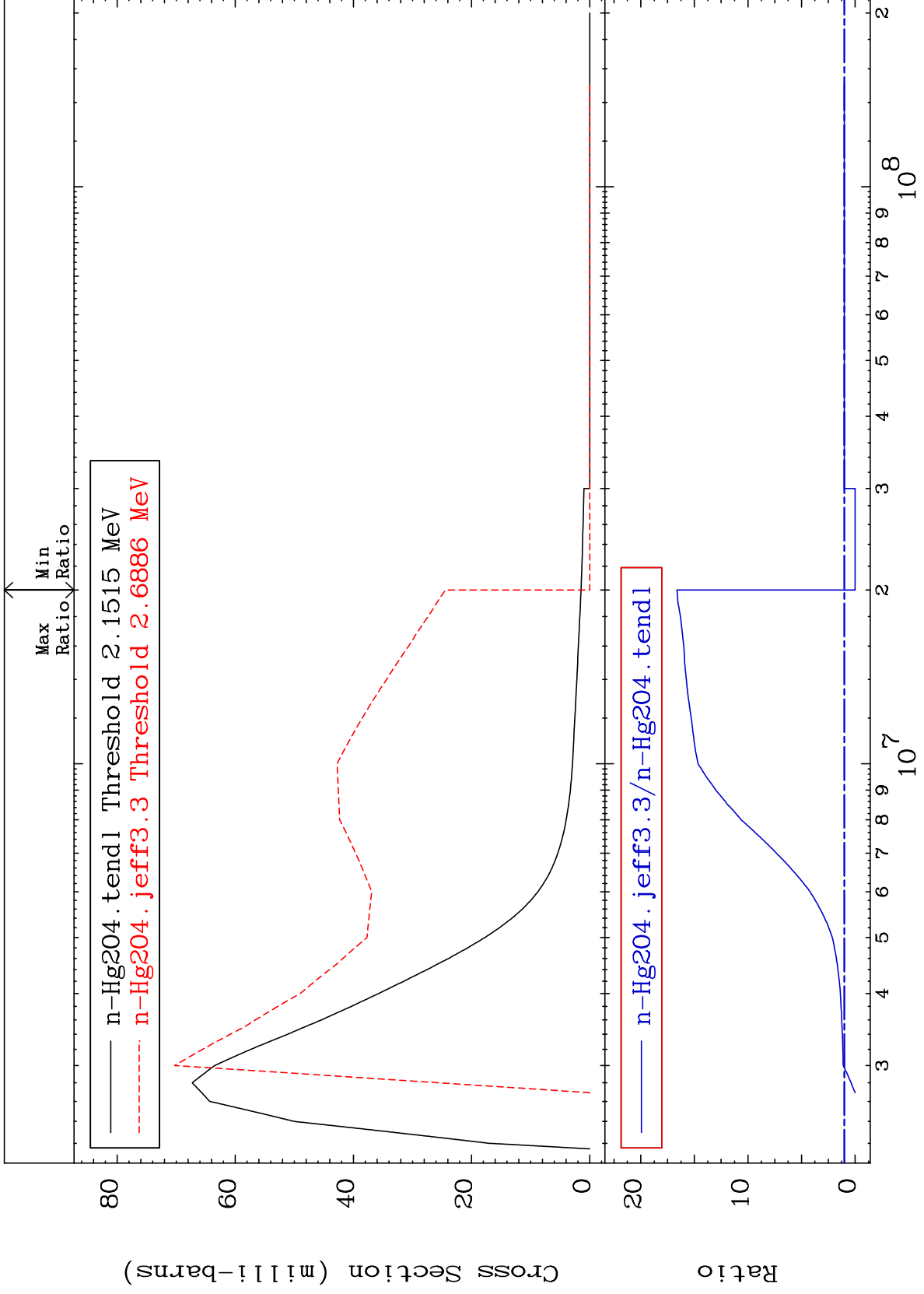
80-Hg-204
-100.0 To 50.86 %



MAT 8049

MT= 64 (n, n') Level
Cross Section

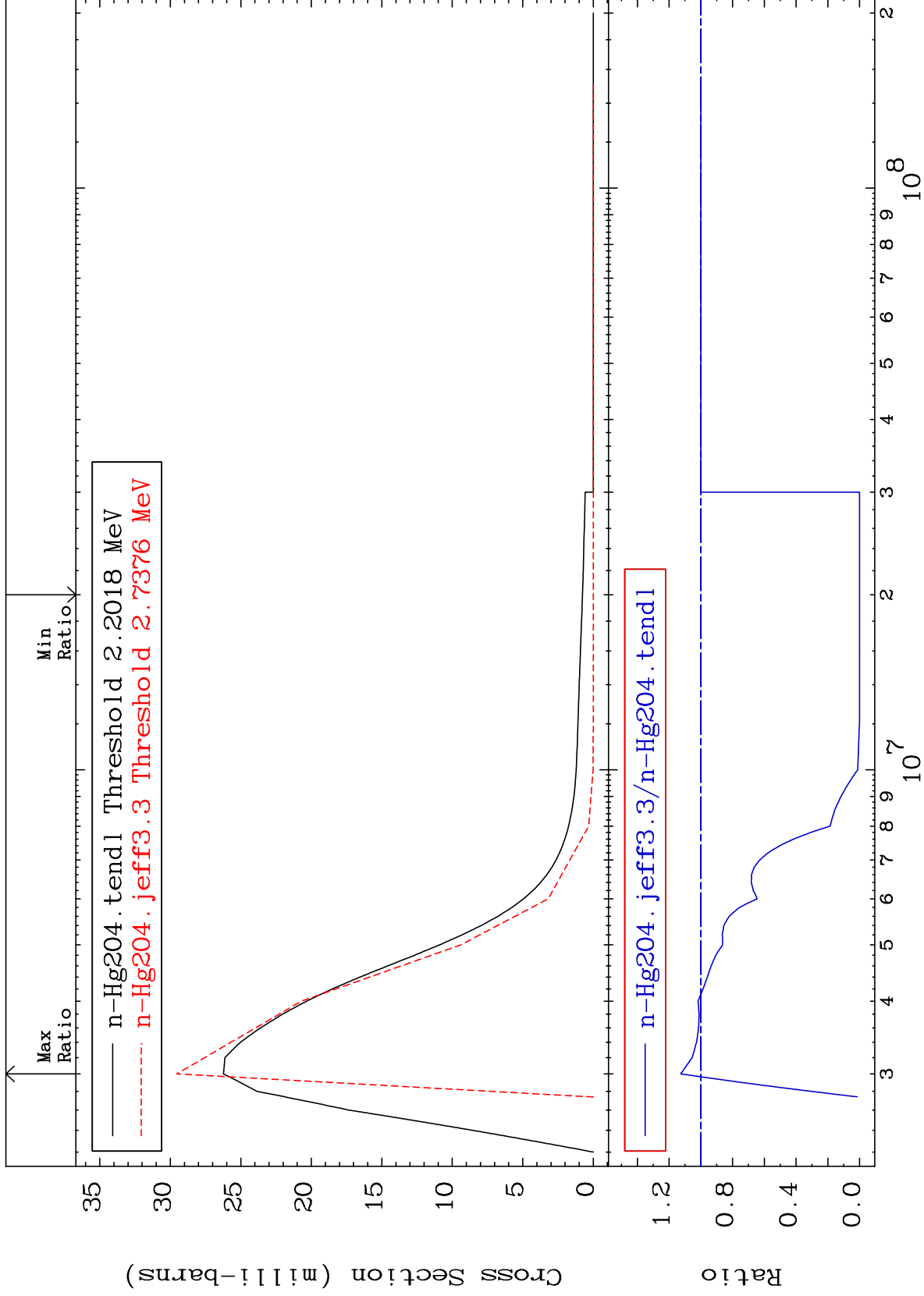
80-Hg-204
-100.0 To 1563. %



MAT 8049

MT= 65 (n,n') Level
Cross Section

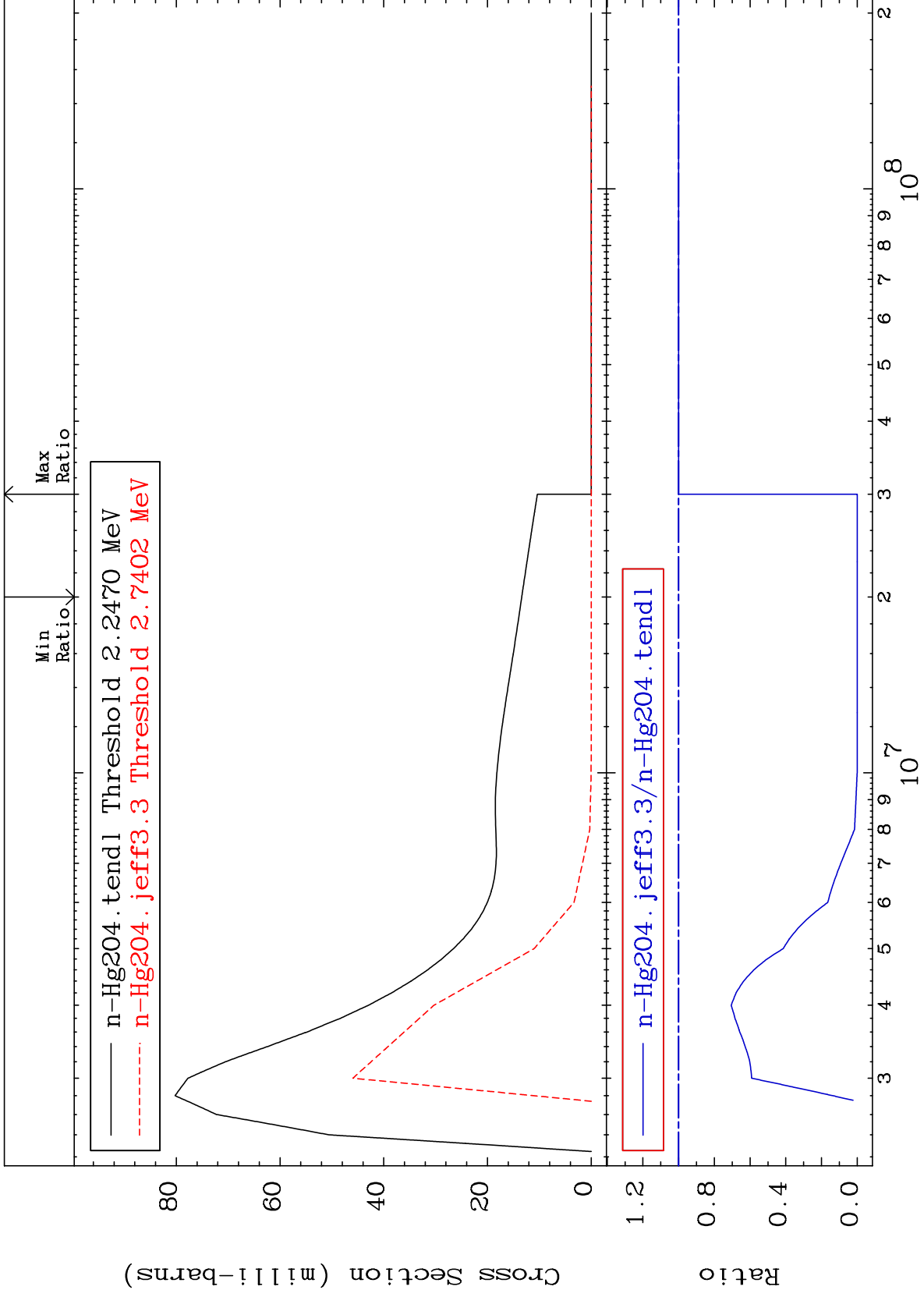
80-Hg-204
-100.0 To 12.63 %



MAT 8049

MT= 66 (n,n') Level
Cross Section

80-Hg-204
-100.0 To 0.000 %



24

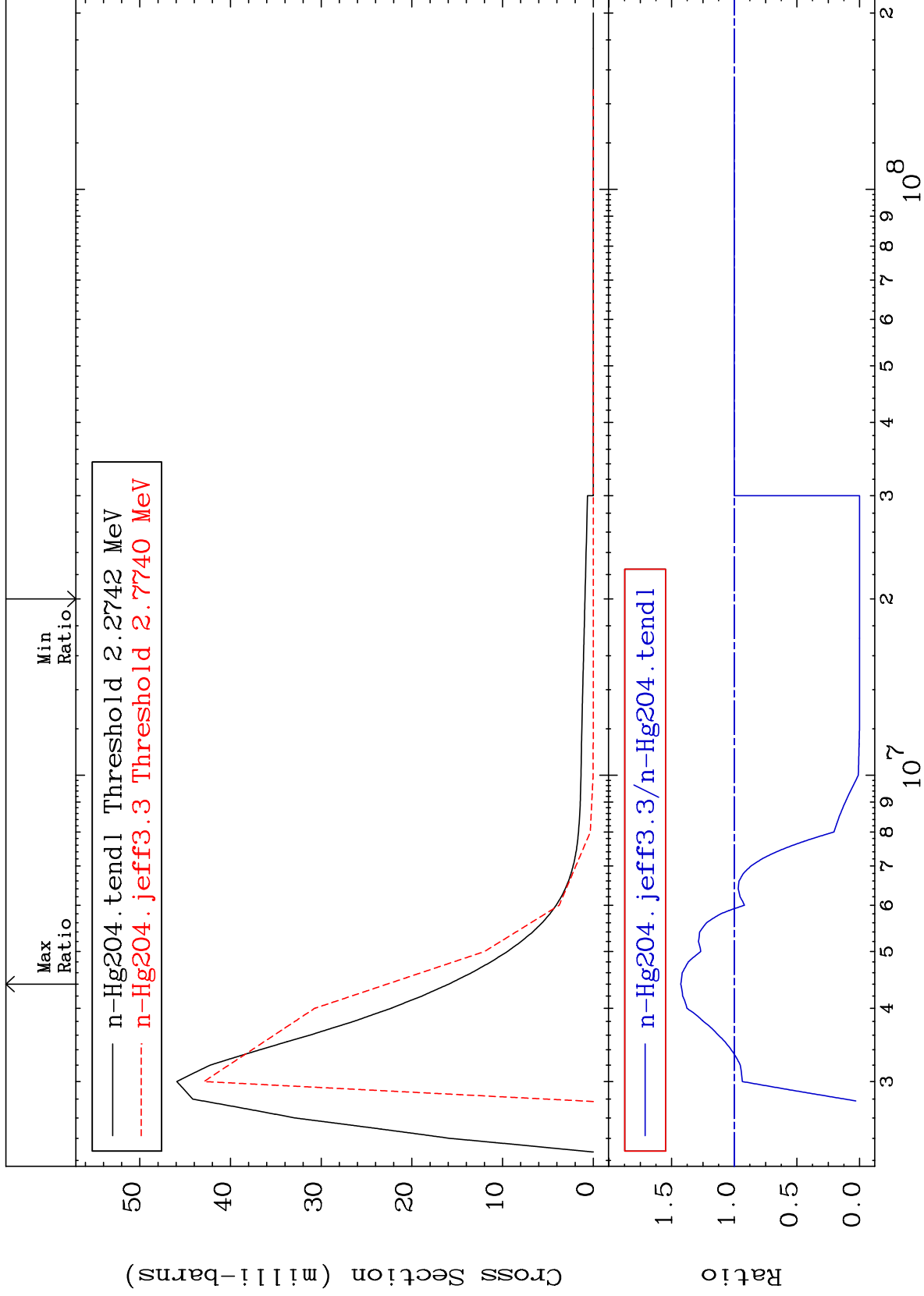
Incident Energy (eV)

80-Hg-204

MAT 8049

MT= 67 (n, n') Level
Cross Section

80-Hg-204
-100.0 To 42.67 %



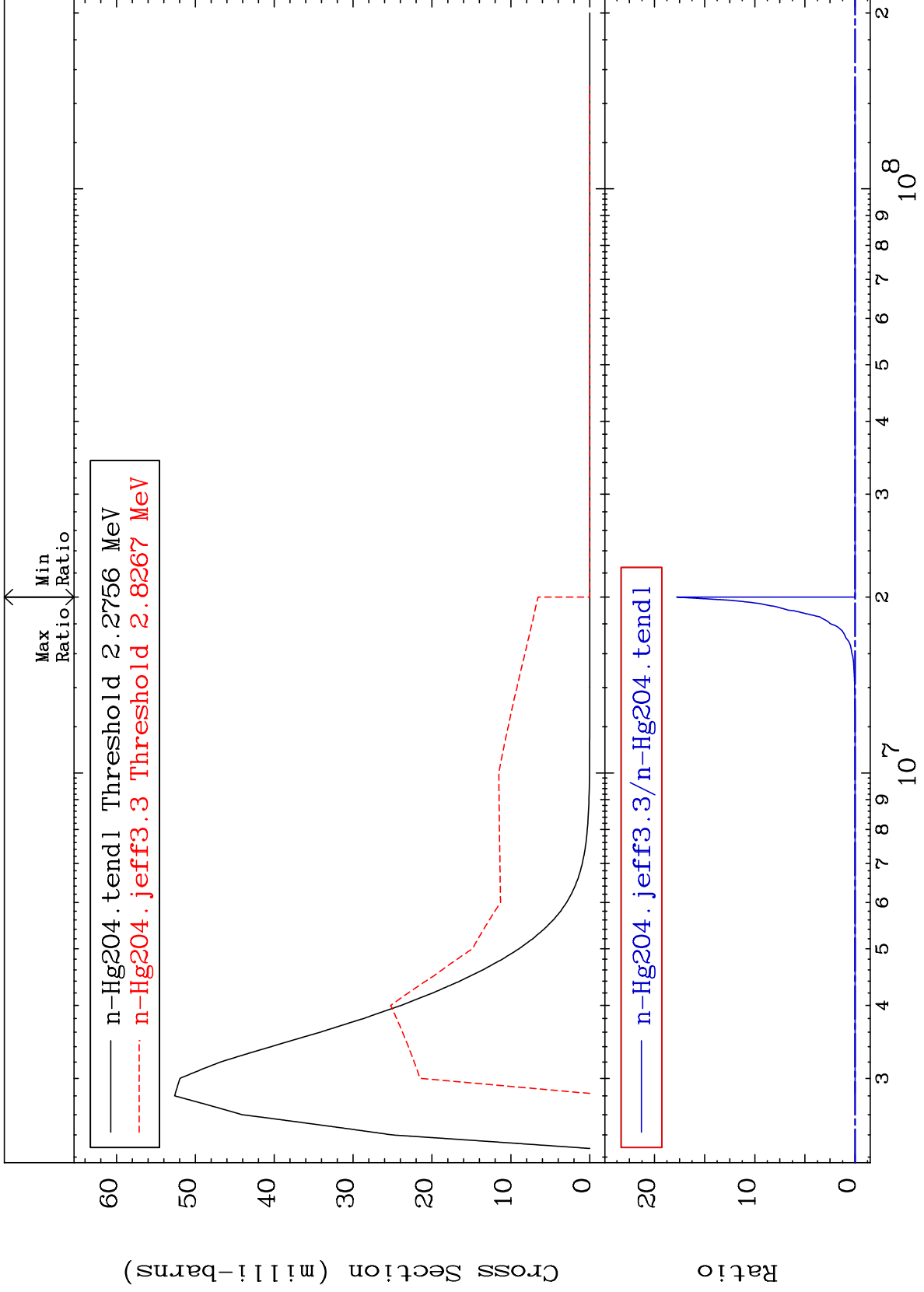
25

80-Hg-204

MAT 8049

MT= 68 (n,n') Level
Cross Section

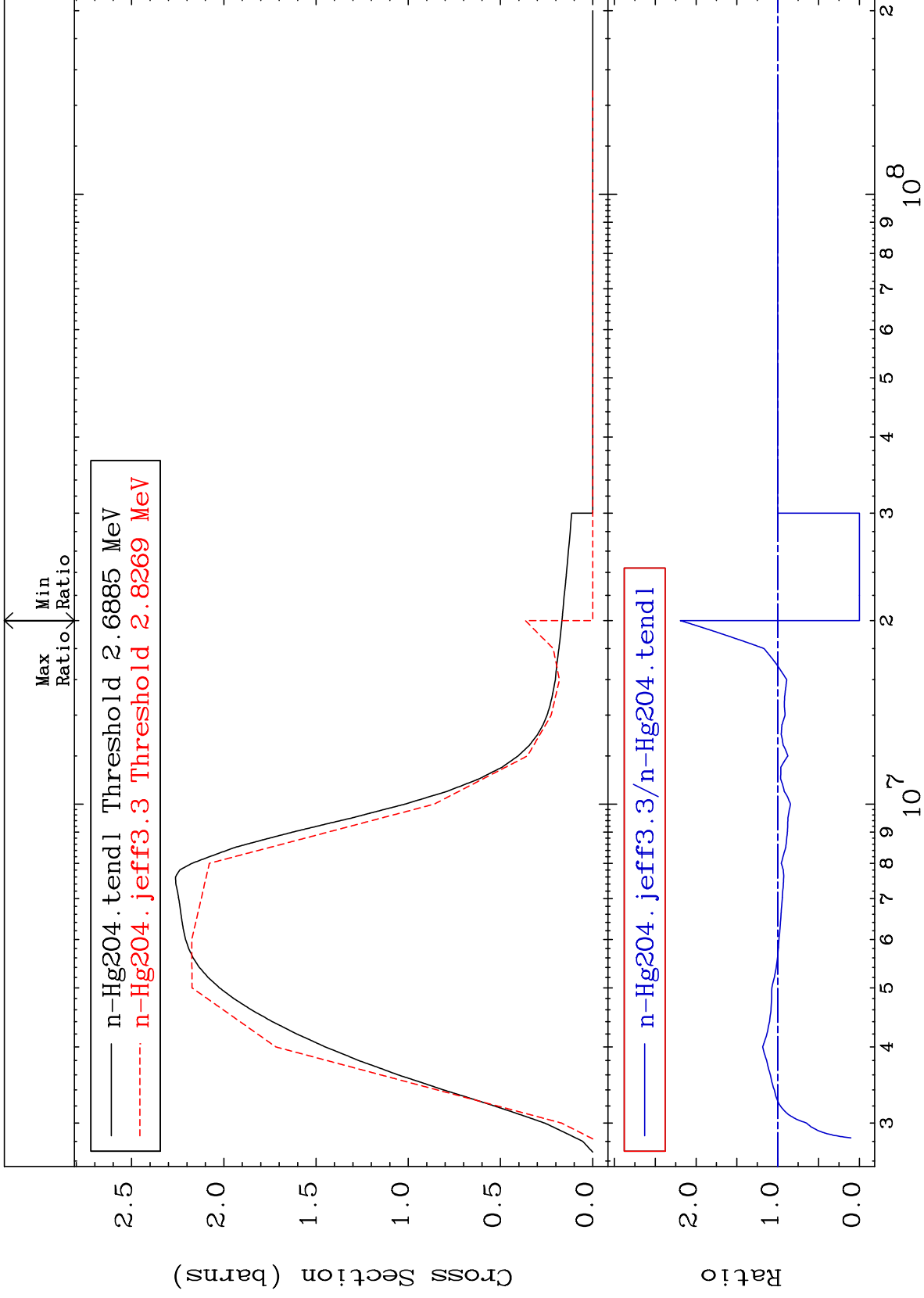
80-Hg-204
-100.0 To 9999. %



MAT 8049

(n, n') Continuum
Cross Section

80-Hg-204
-100.0 To 119.2 %



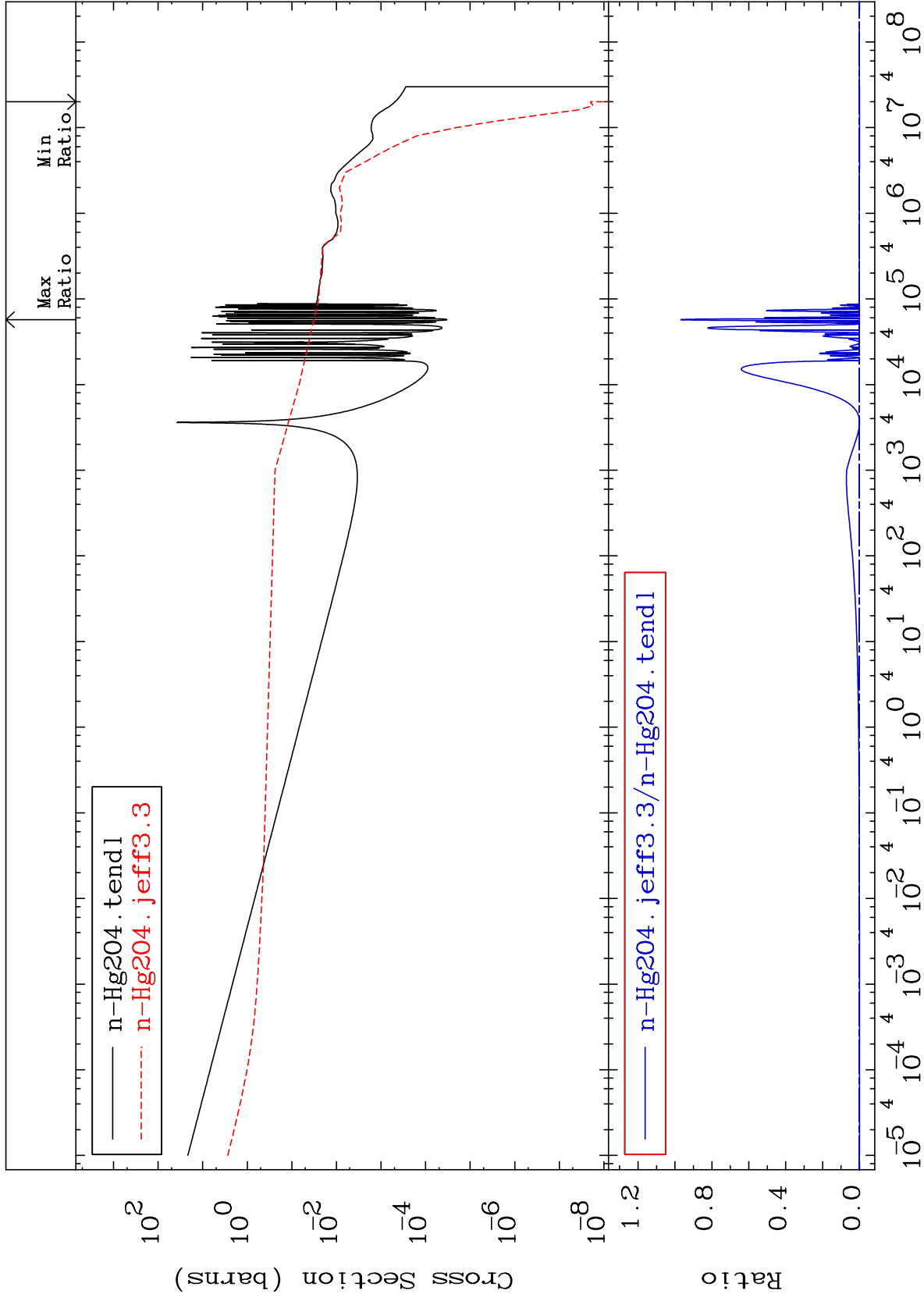
MAT 8049

(n, γ)

80-Hg-204

Cross Section

-100.0 To 9999. %



28

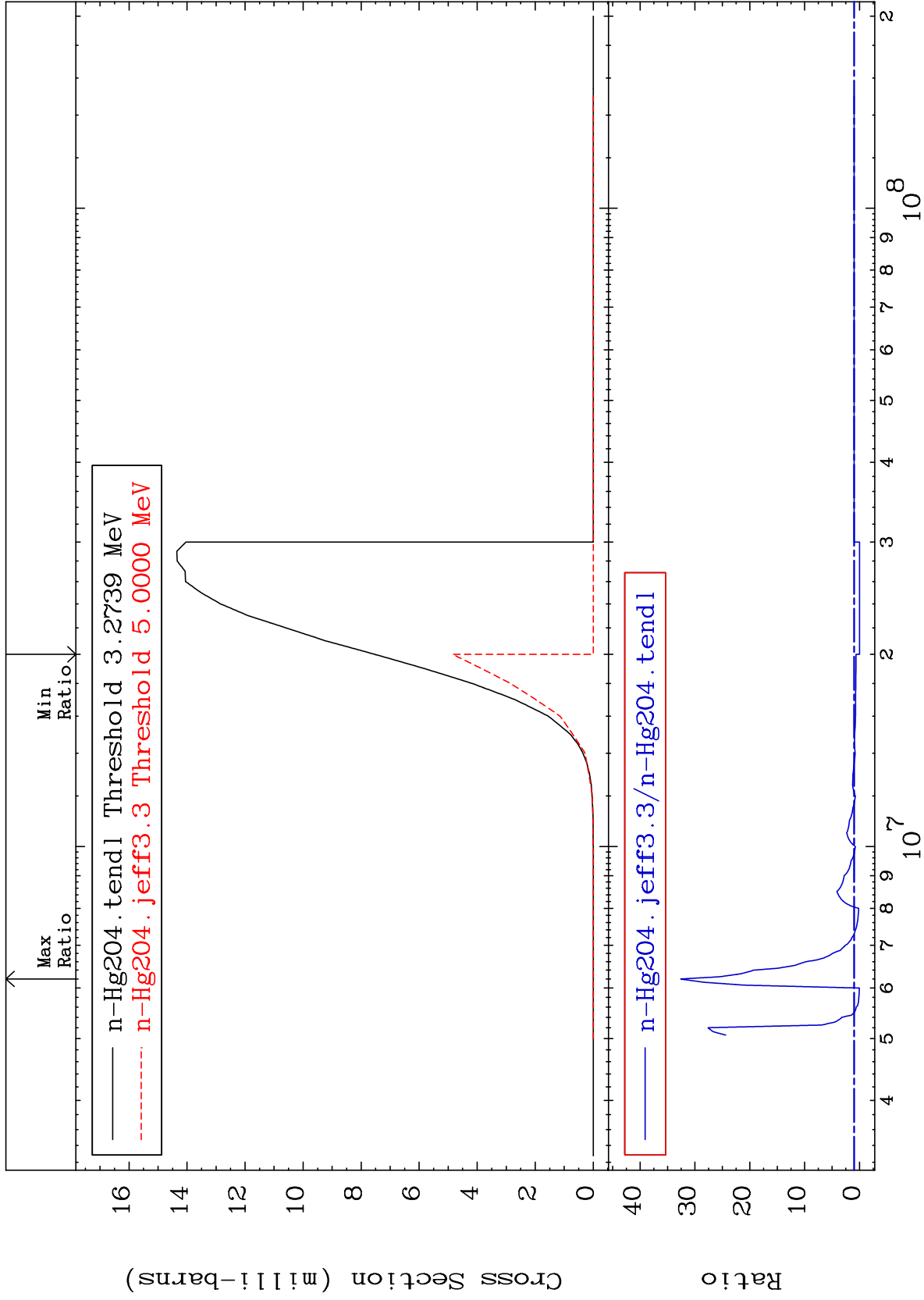
Incident Energy (eV)

80-Hg-204

MAT 8049

80-Hg-204
-100.0 To 3158. %

(n, p)
Cross Section



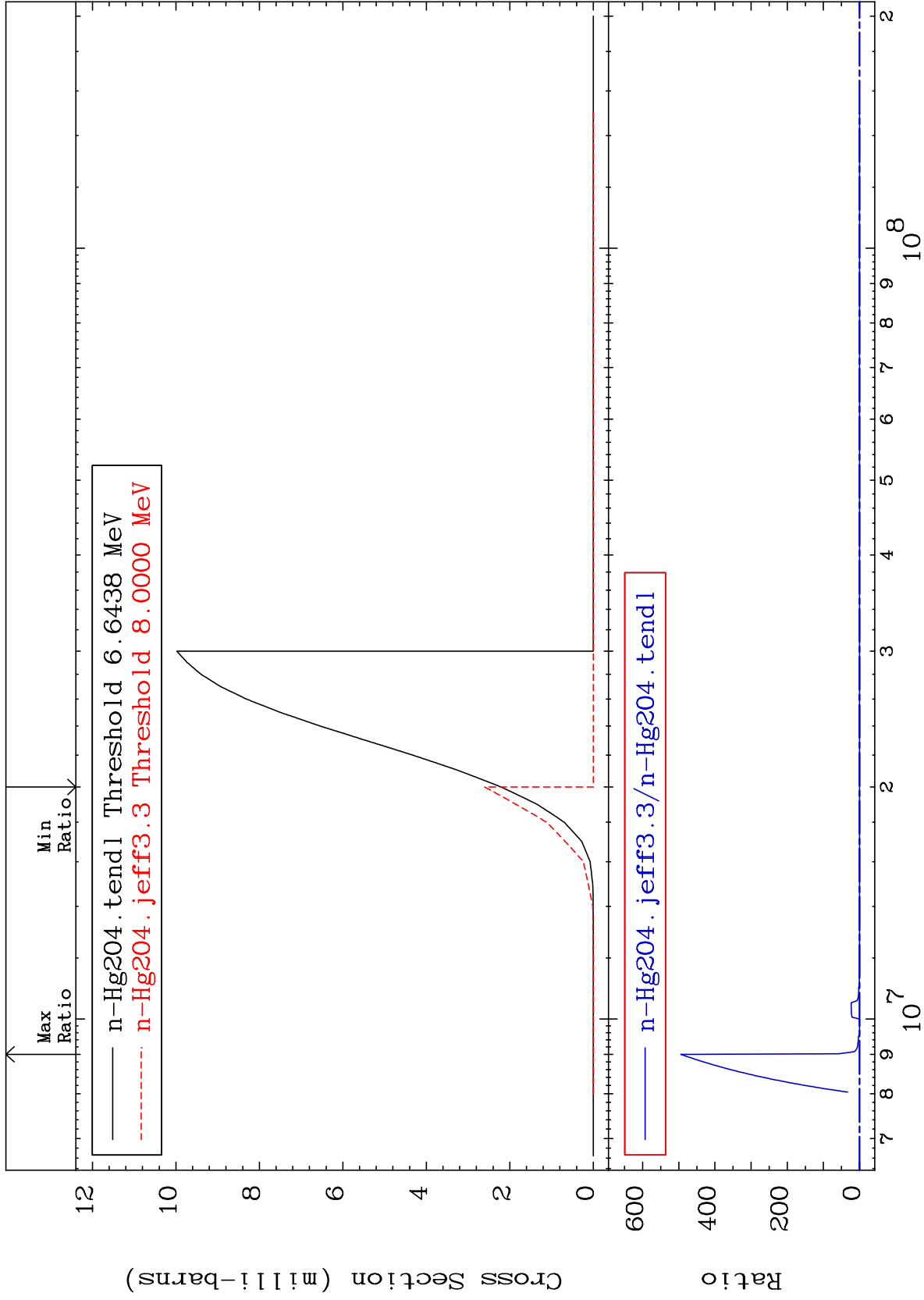
MAT 8049

(n, d)

80-Hg-204

Cross Section

-100.0 To 9999. %



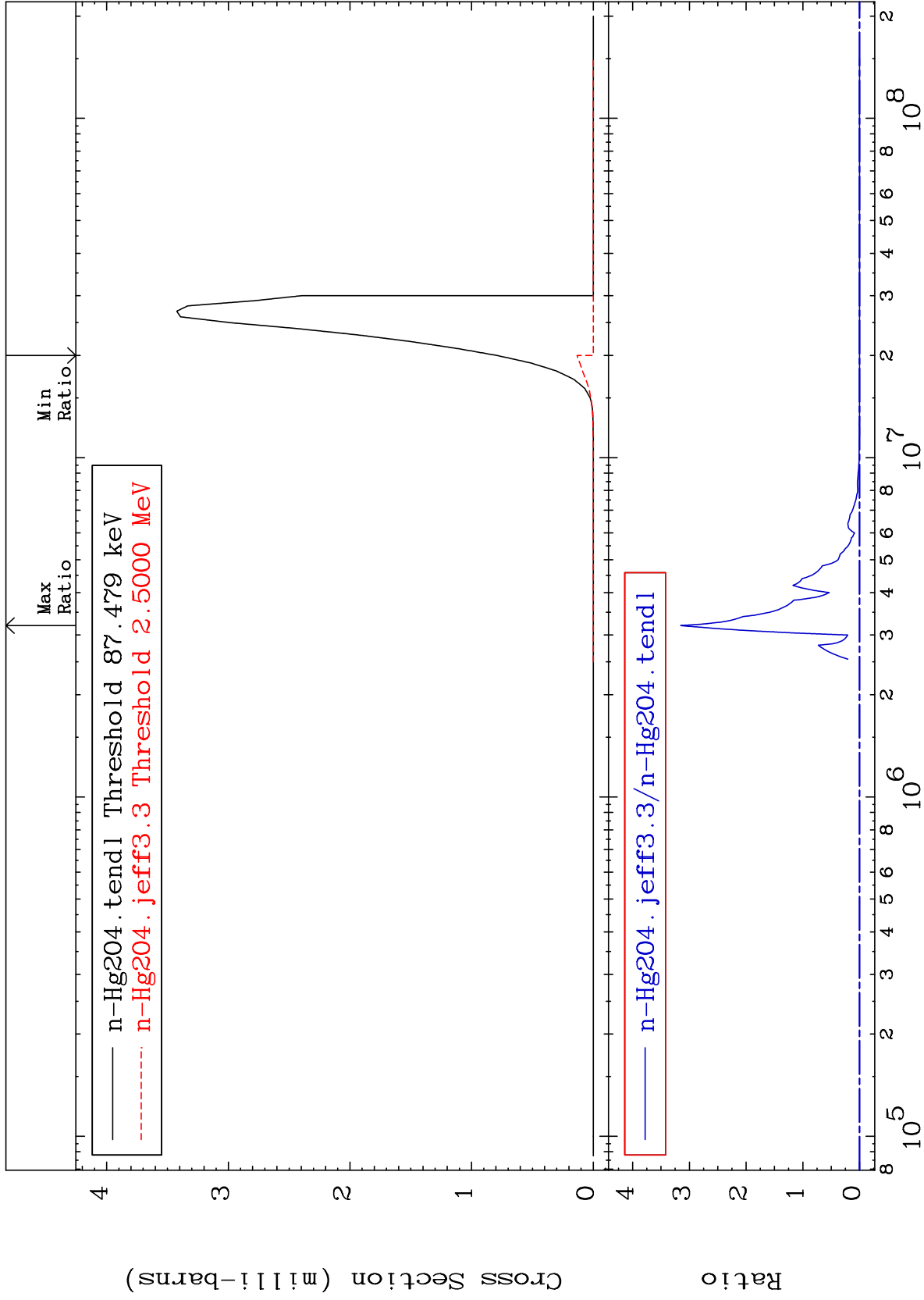
30

Incident Energy (eV)

80-Hg-204

MAT 8049

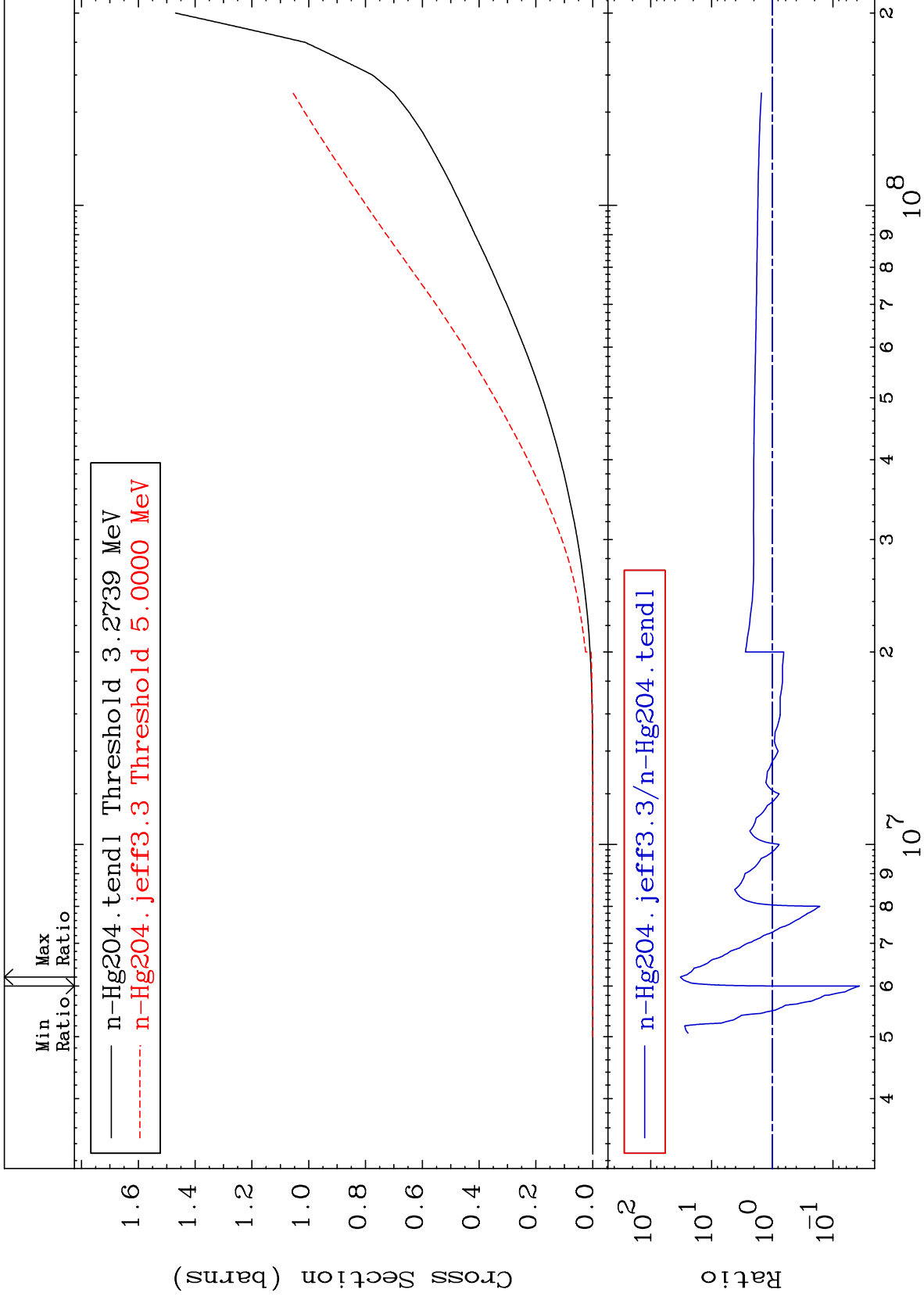
(n, α)
Cross Section
80-Hg-204
-100.0 To 9999. %



31

Incident Energy (eV)

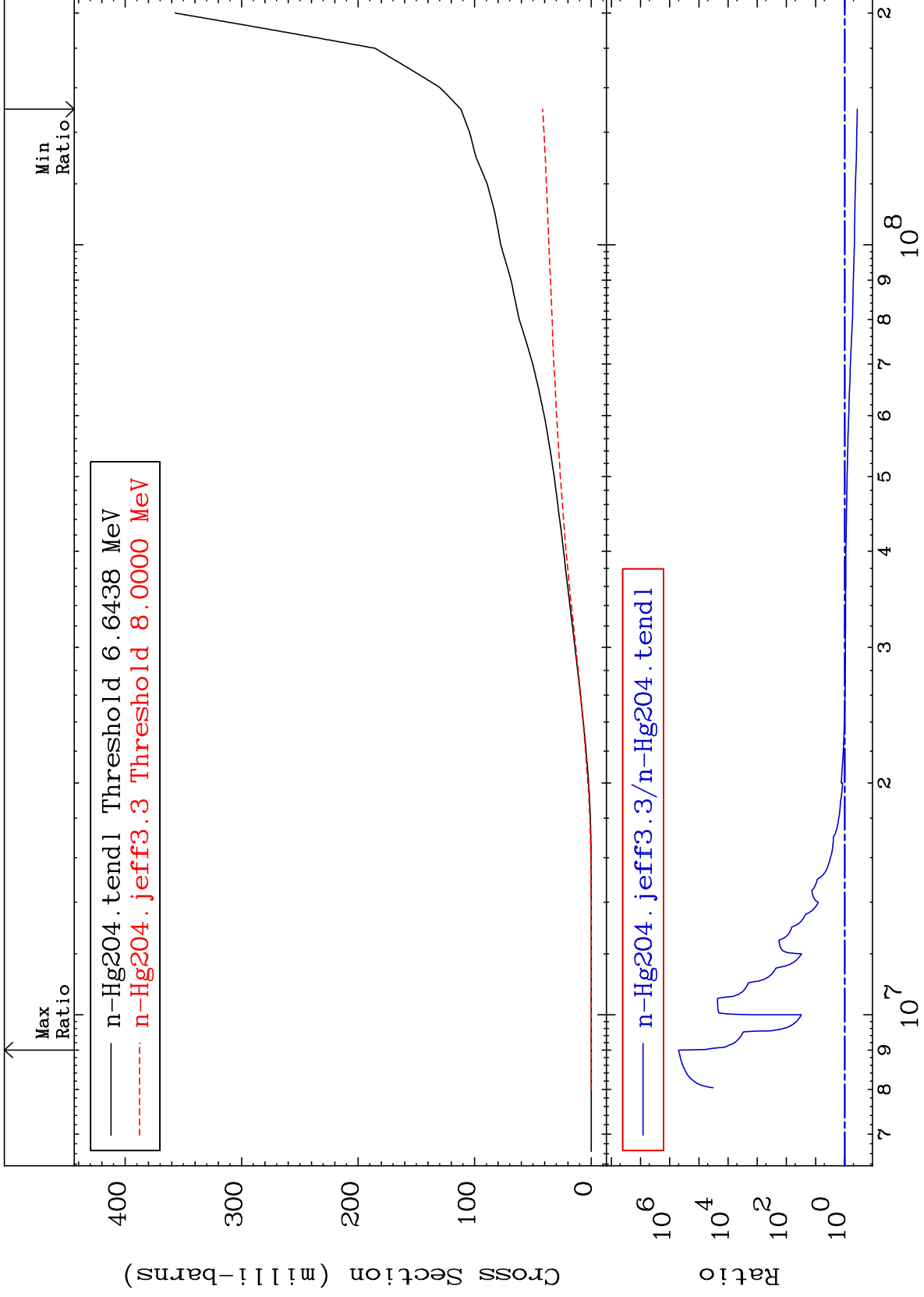
80-Hg-204



MAT 8049

Deuterium Production
Cross Section

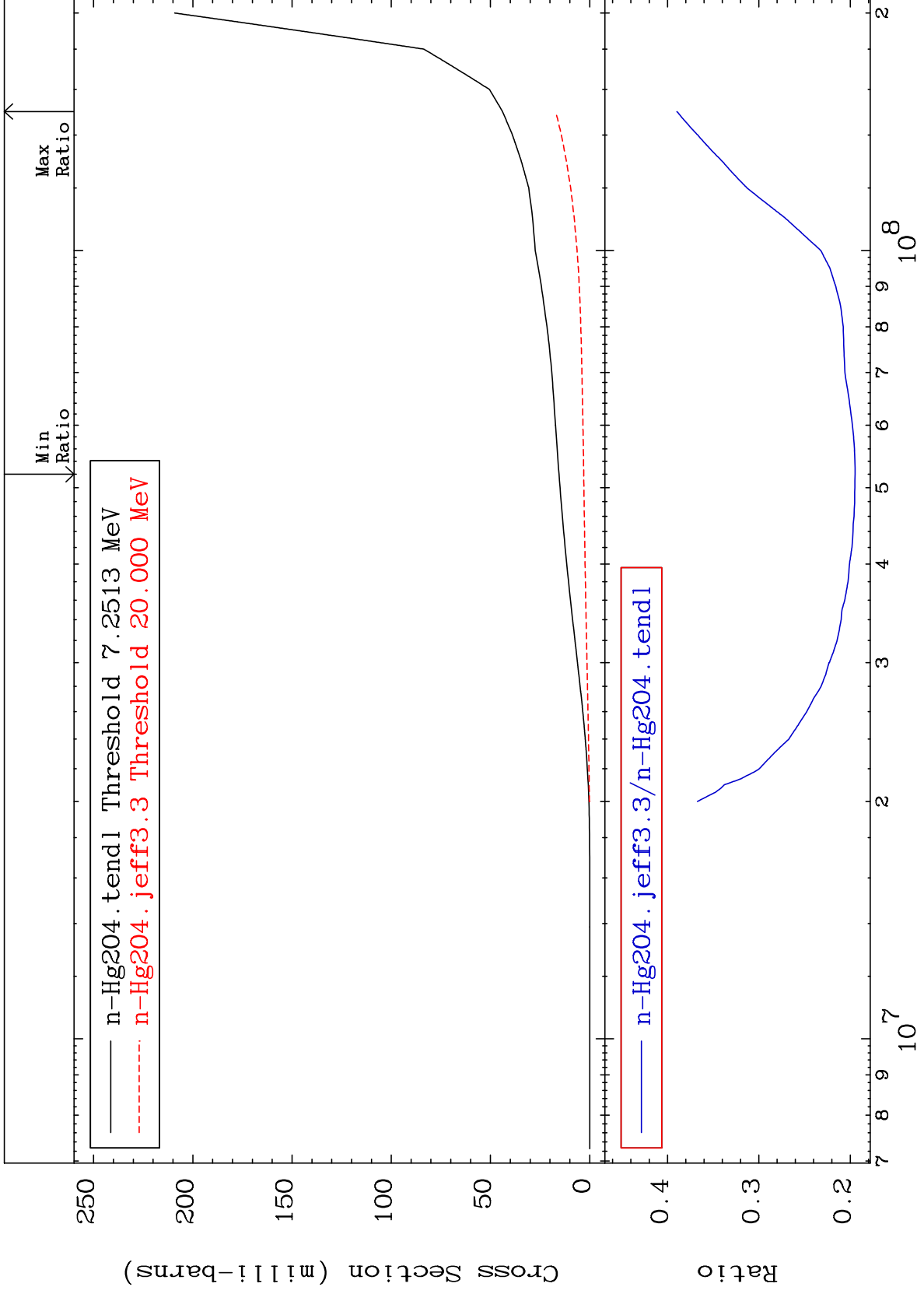
80-Hg-204
-62.75 To 9999. %



MAT 8049

Tritium Production
Cross Section

80-Hg-204
-80.53 To -61.03%



34

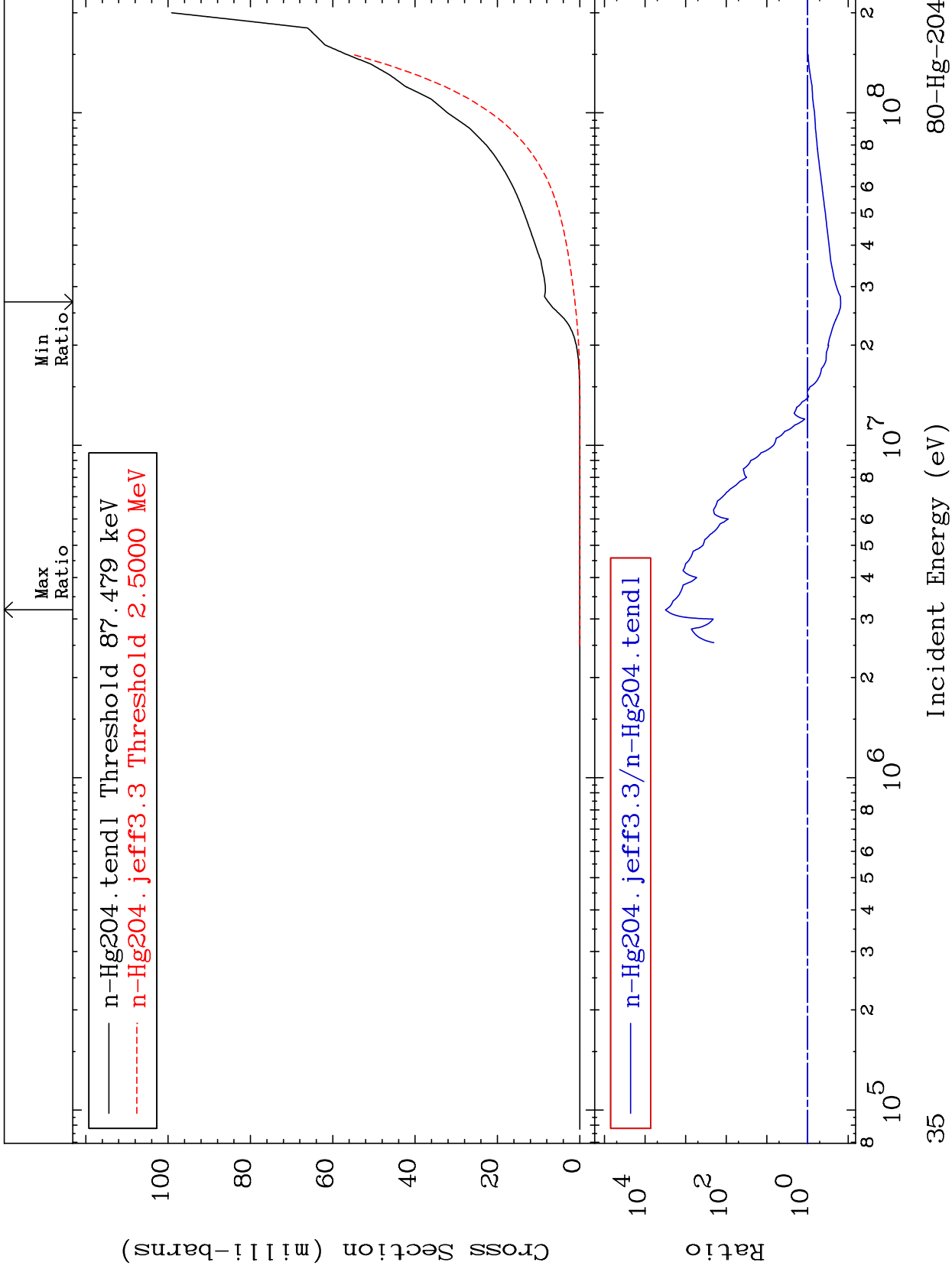
Incident Energy (eV)

80-Hg-204

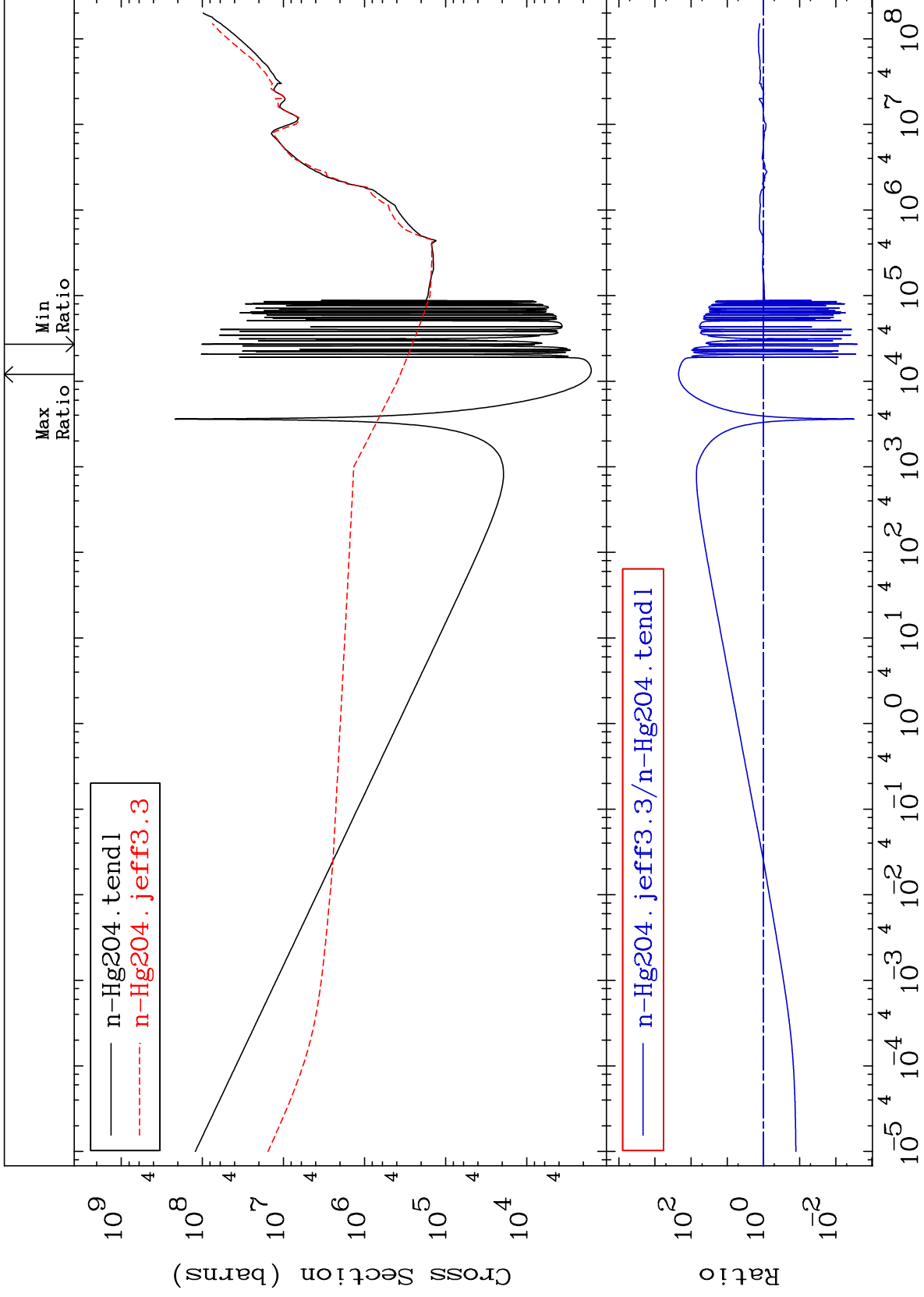
MAT 8049

He-4 Production
Cross Section

80-Hg-204
-84.74 To 9999. %



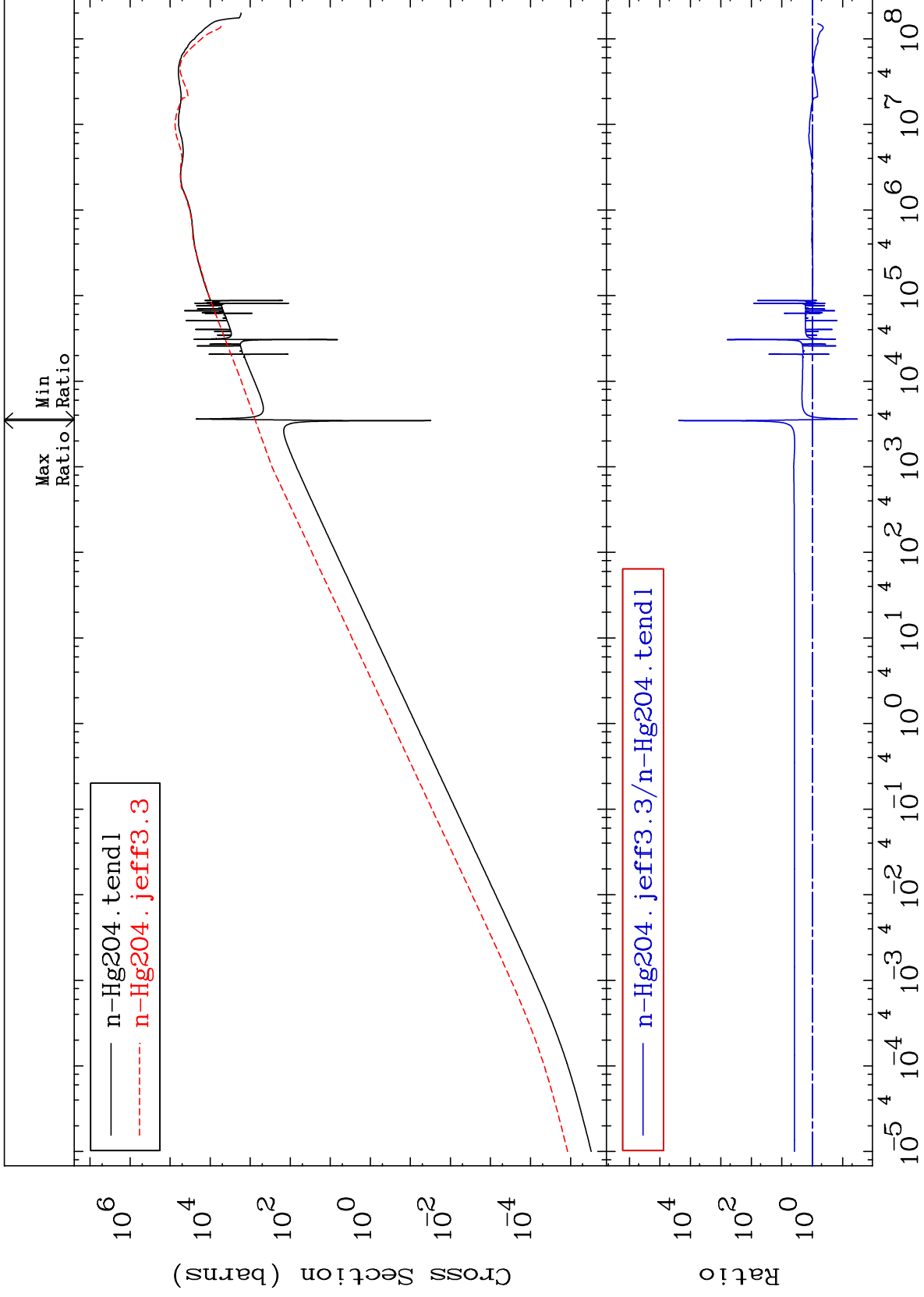
35

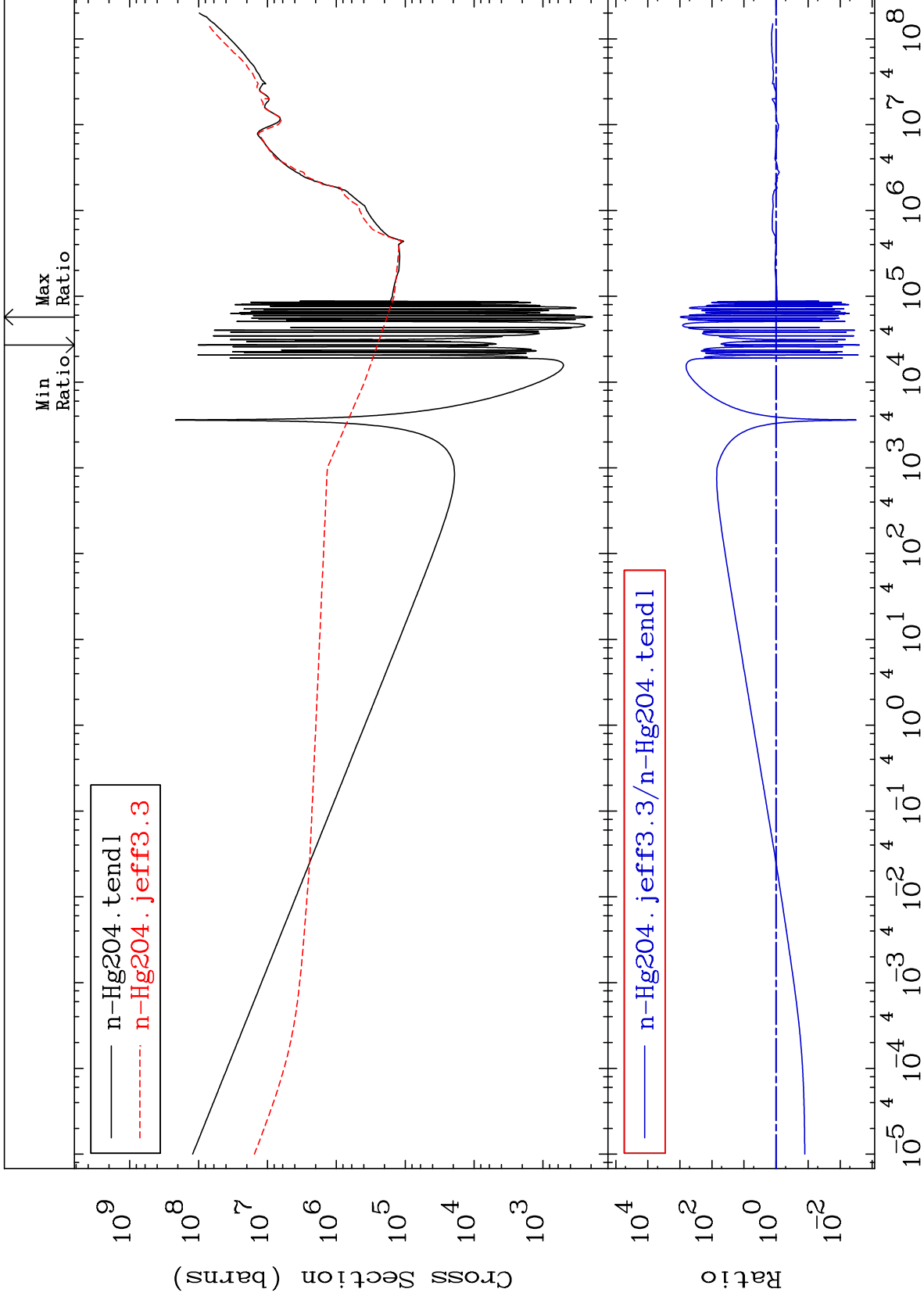


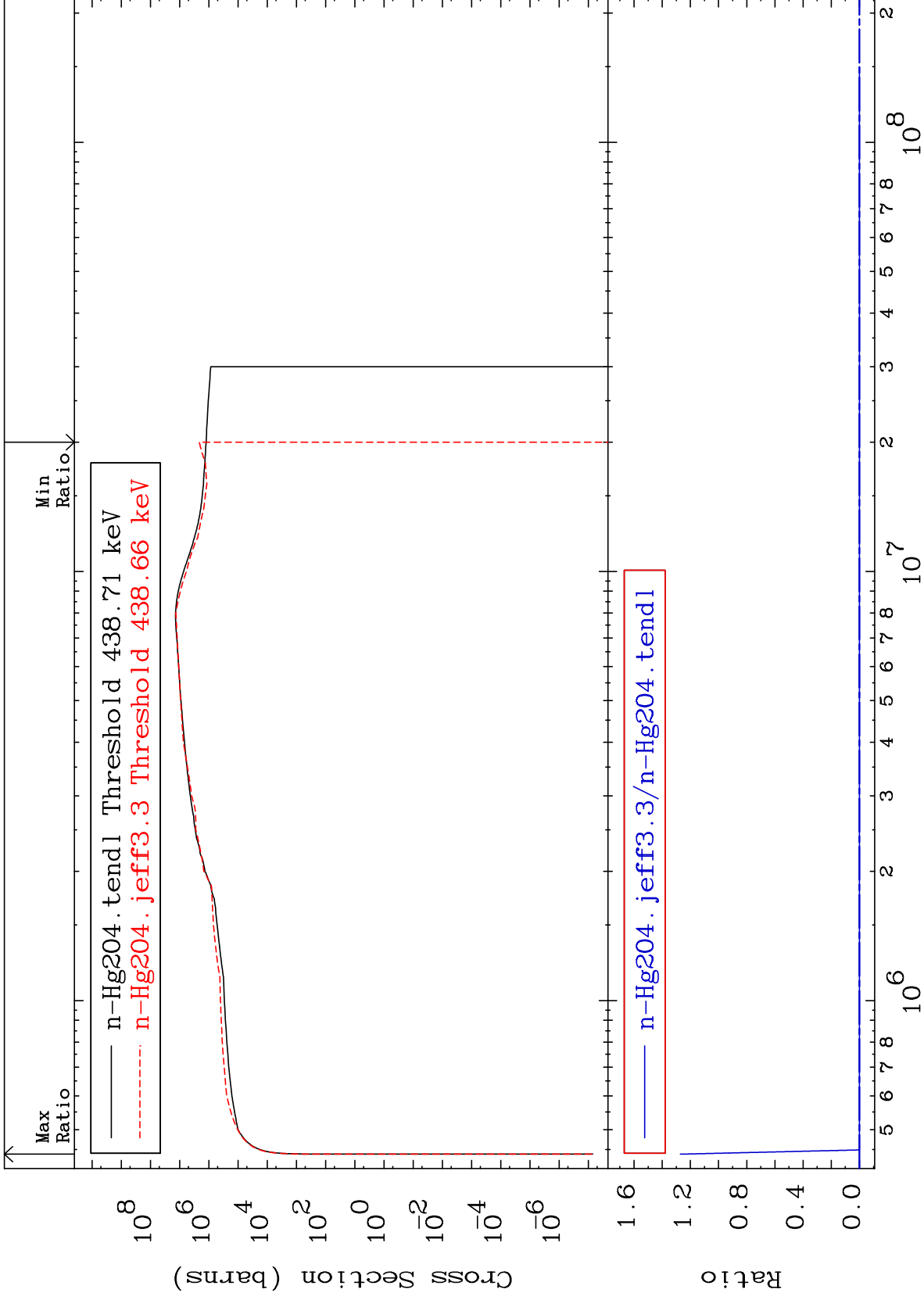
MAT 8049

Kerma elastic
Cross Section

80-Hg-204
-96.65 To 9999. %



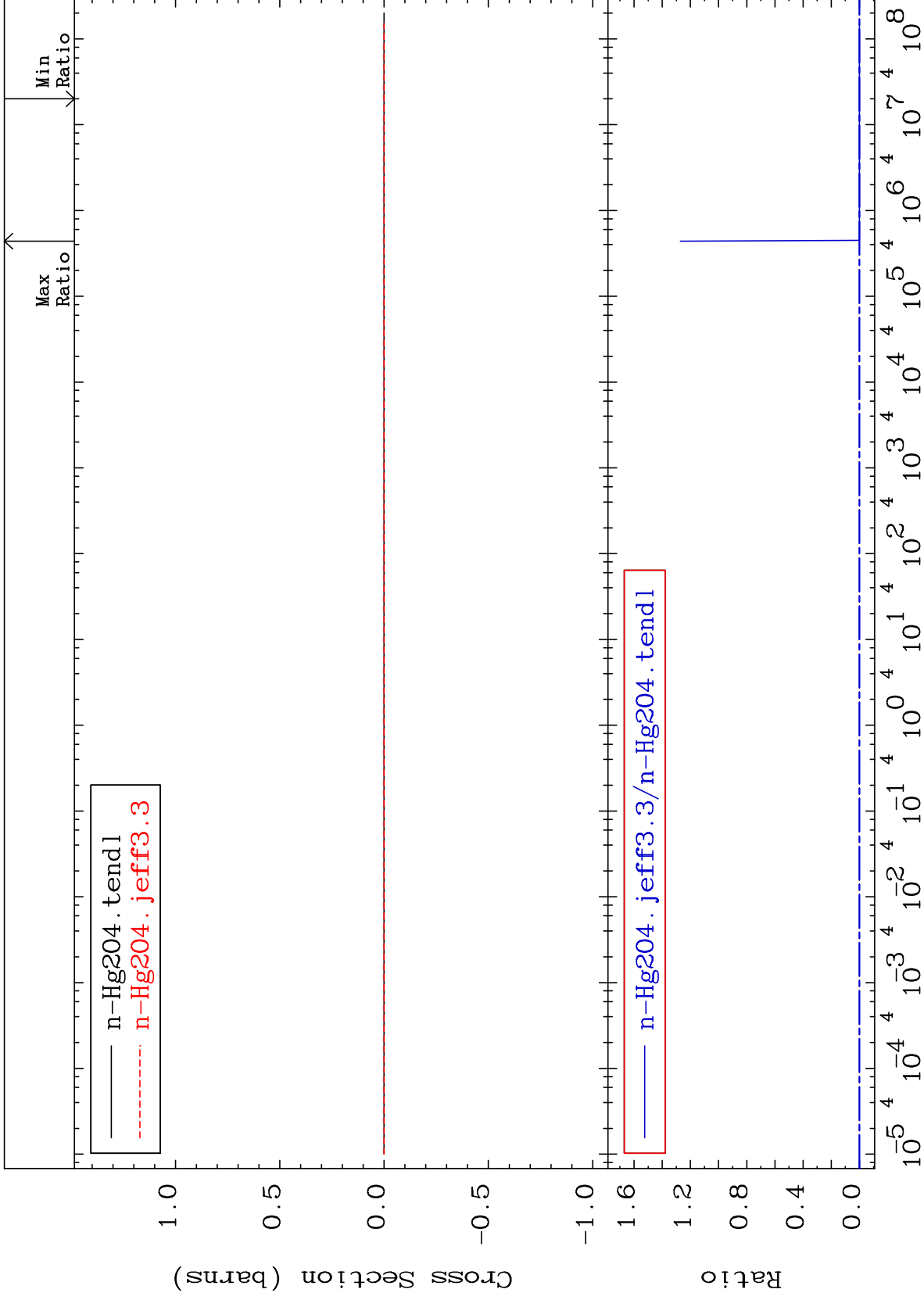




MAT 8049

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

80-Hg-204
-100.0 To 9999. %



Incident Energy (eV)

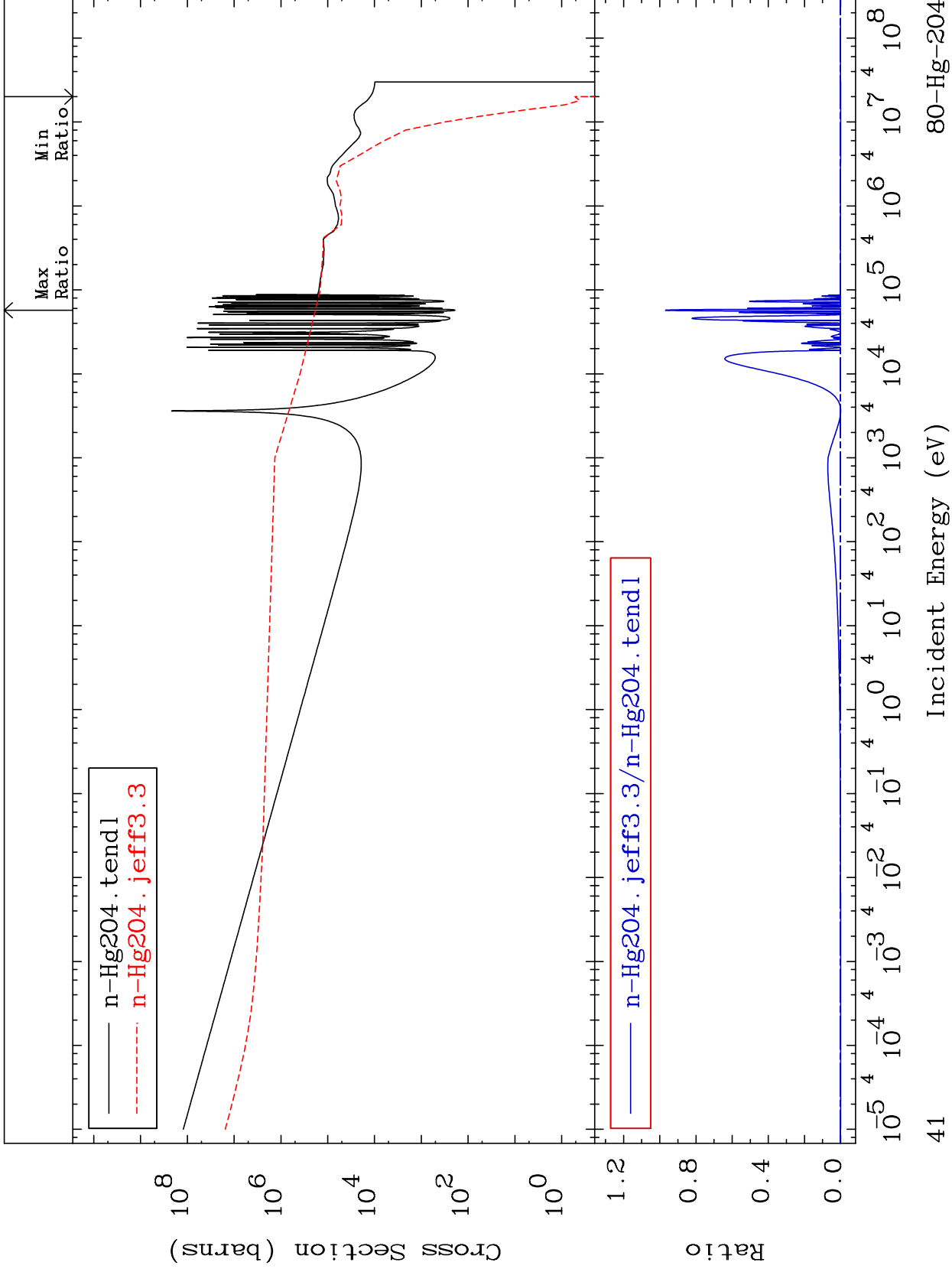
40

80-Hg-204

MAT 8049

Kerma capture (mt102)
Cross Section

80-Hg-204
-100.0 To 9999. %



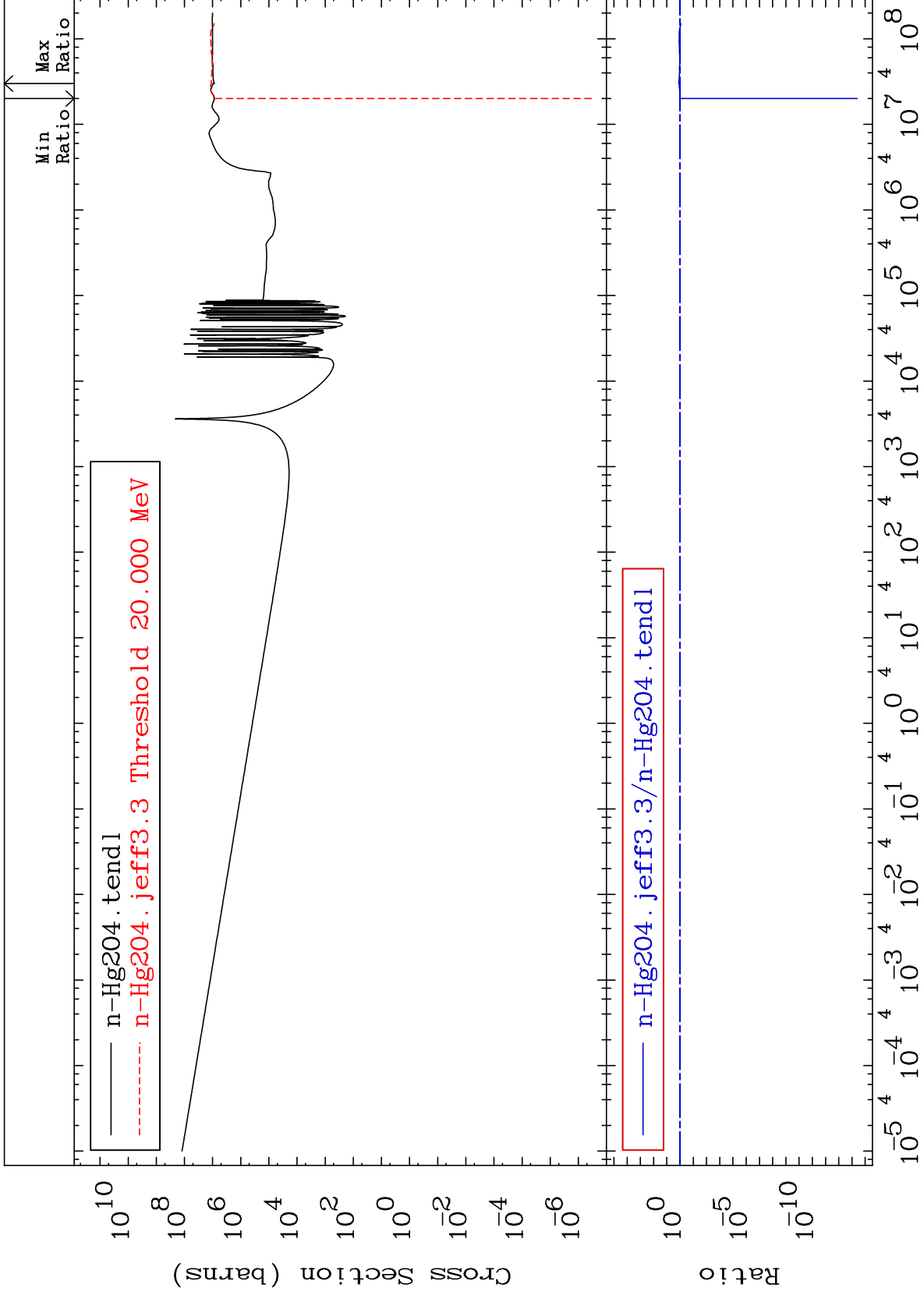
41

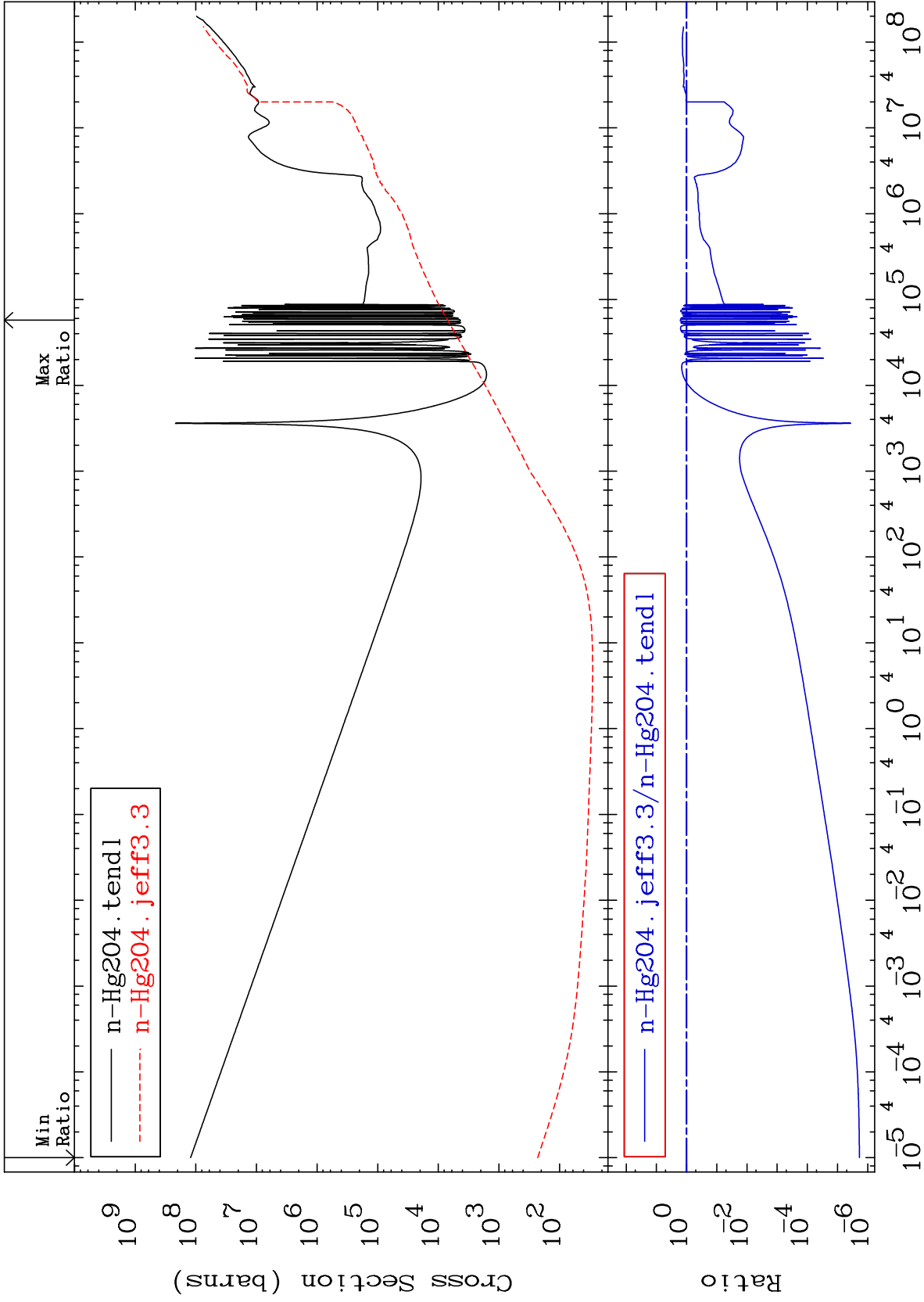
80-Hg-204

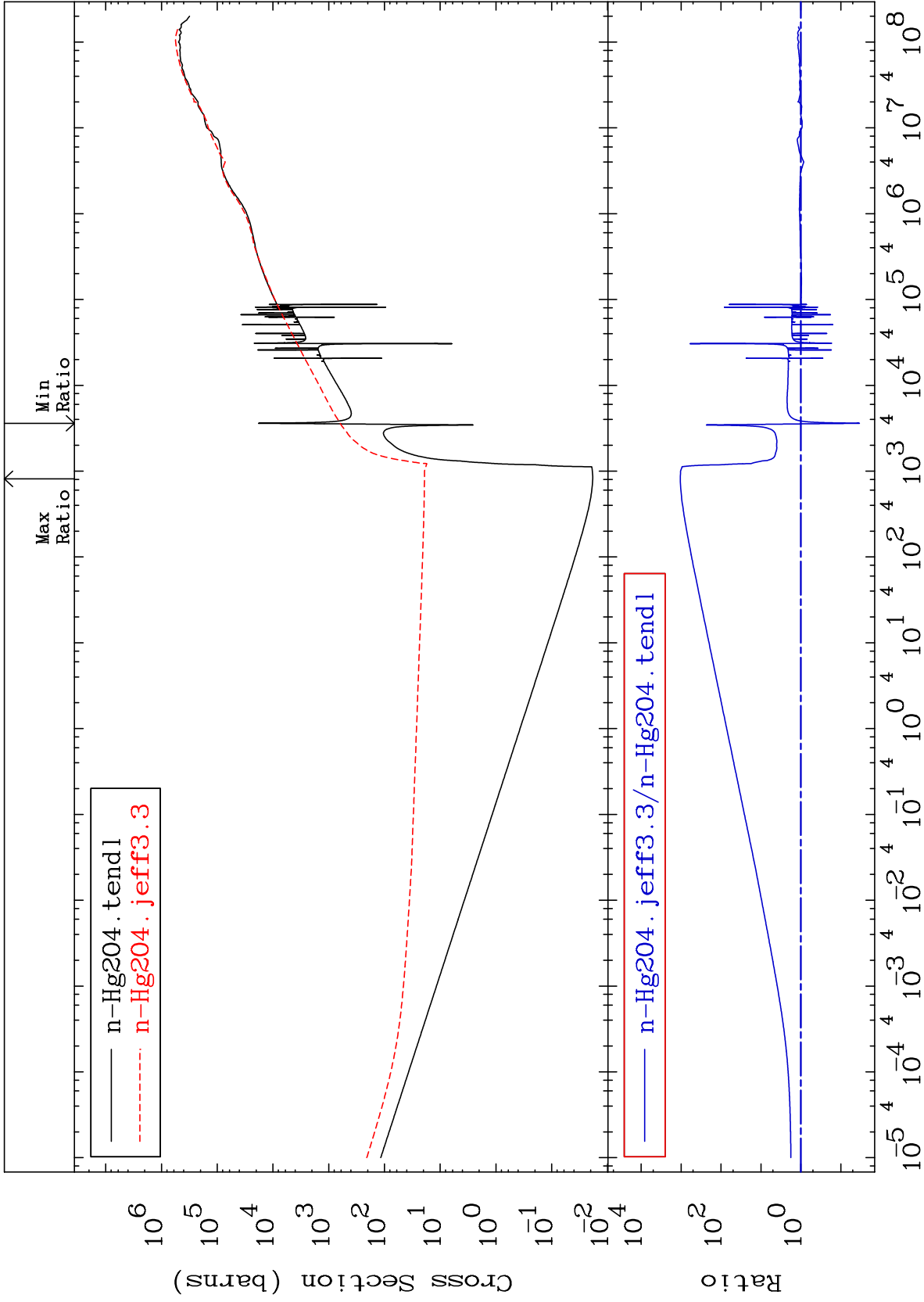
MAT 8049

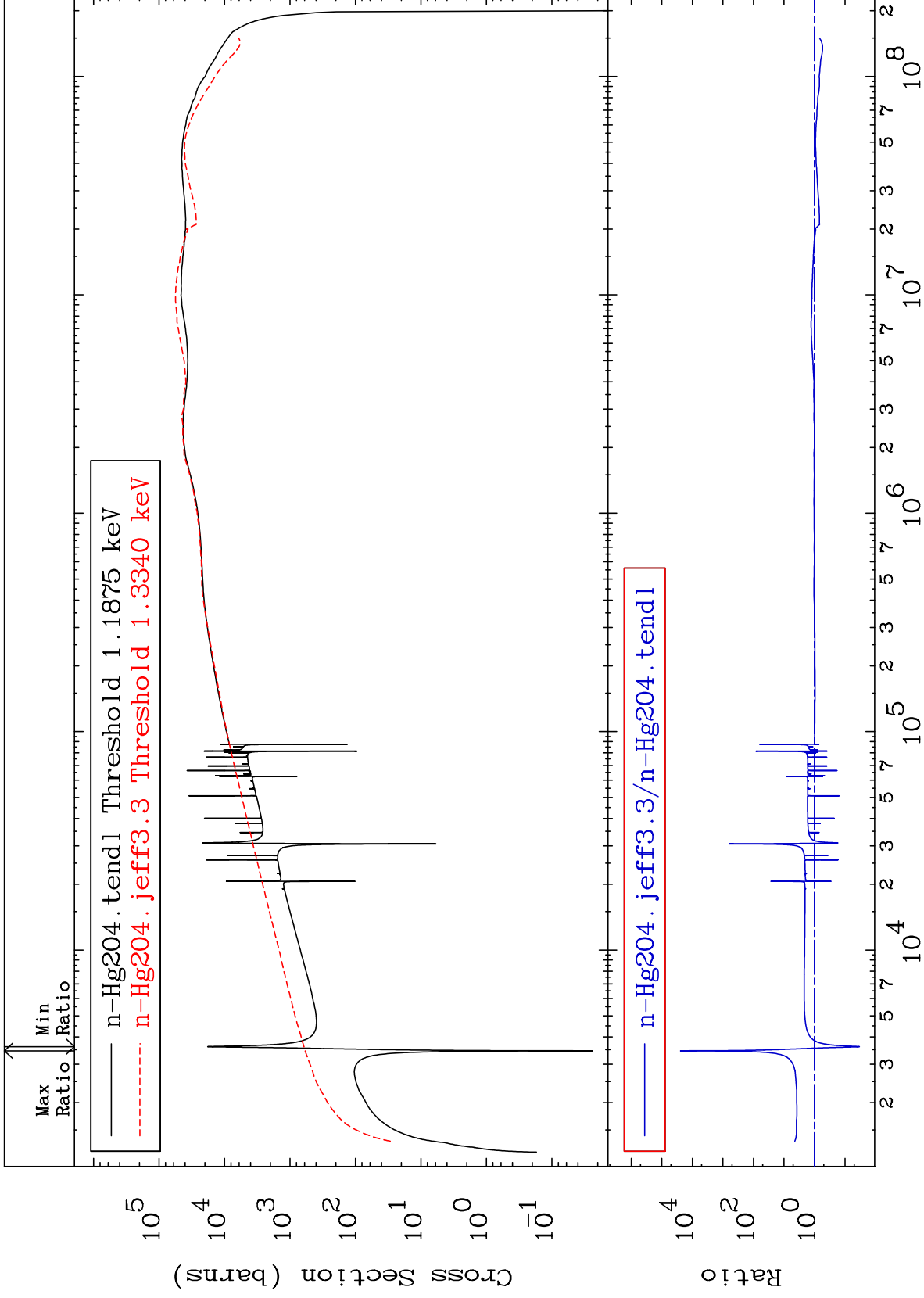
Total photon (eV-barns)
Cross Section

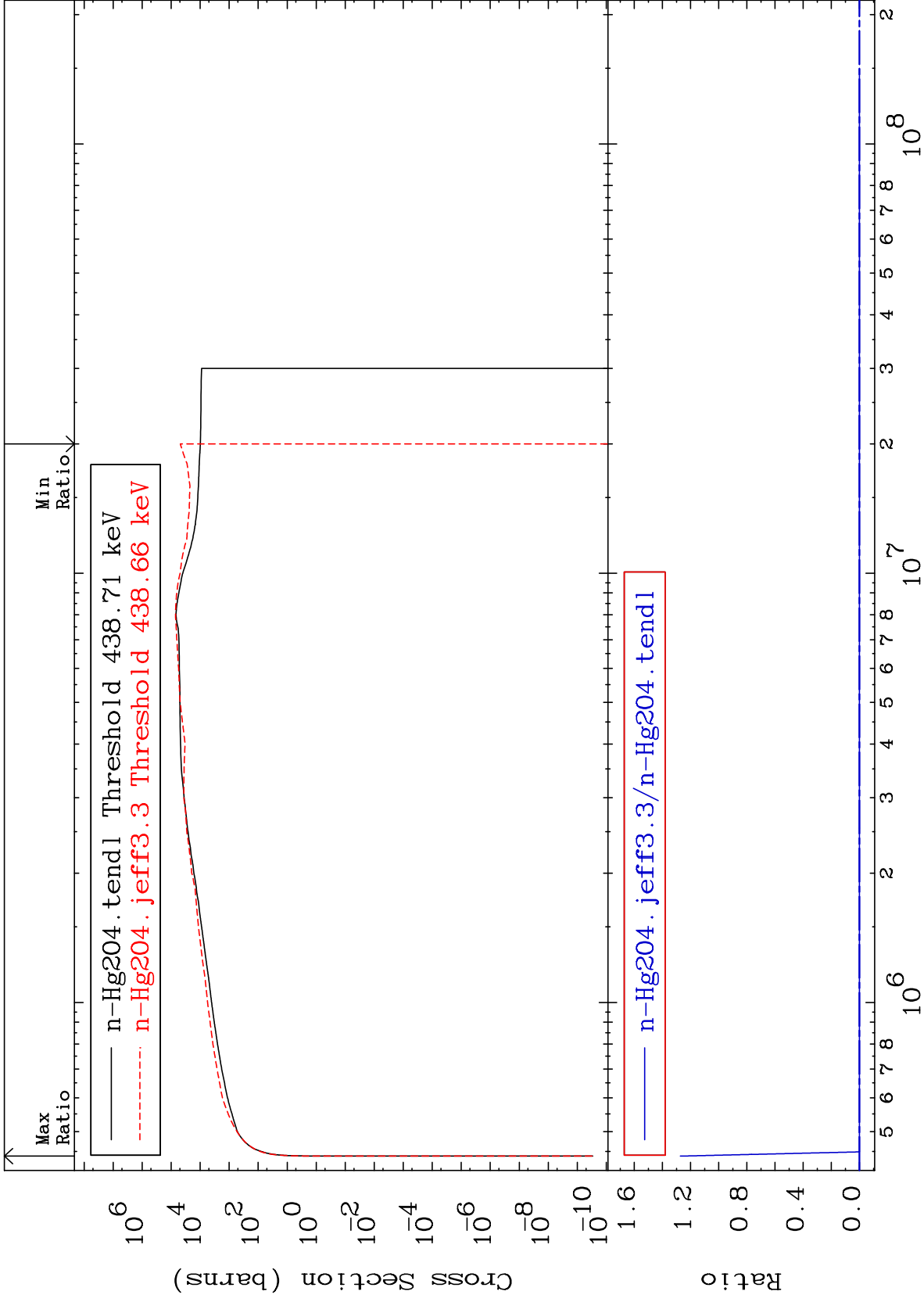
80-Hg-204
-100.0 To 27.45 %







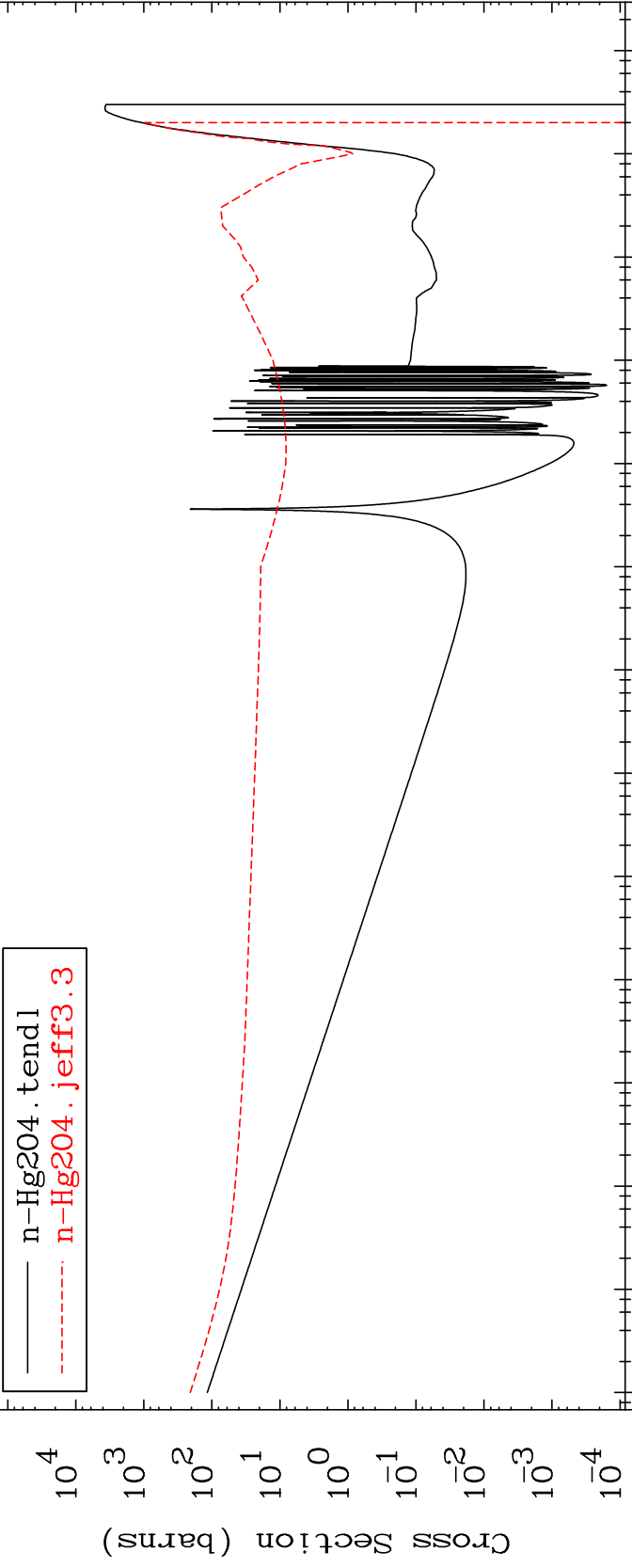




MAT 8049

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-204
-100.0 To 9999. %



n-Hg204.jeff3.3/n-Hg204.tendl

