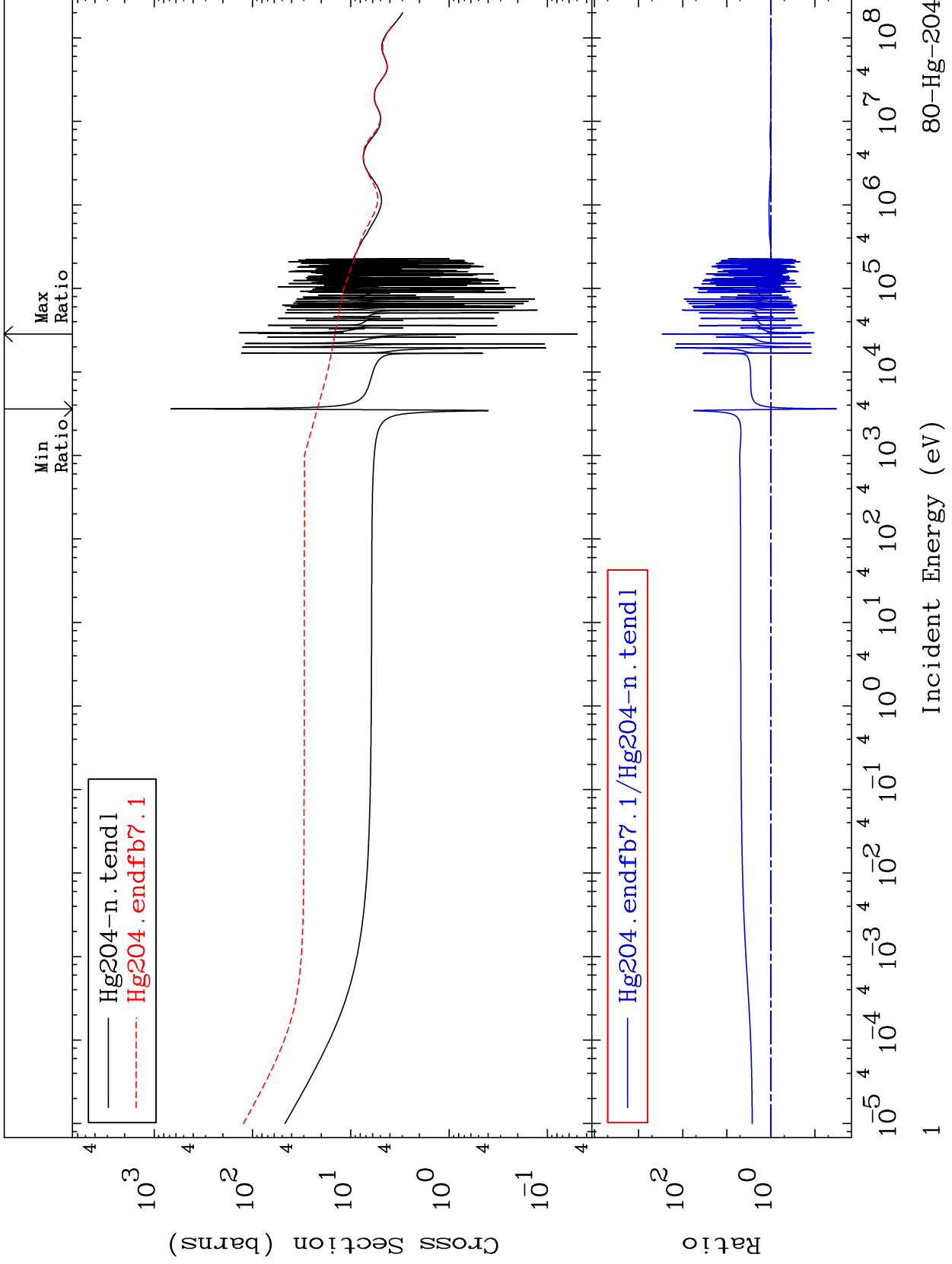


MAT 8049

Total
Cross Section

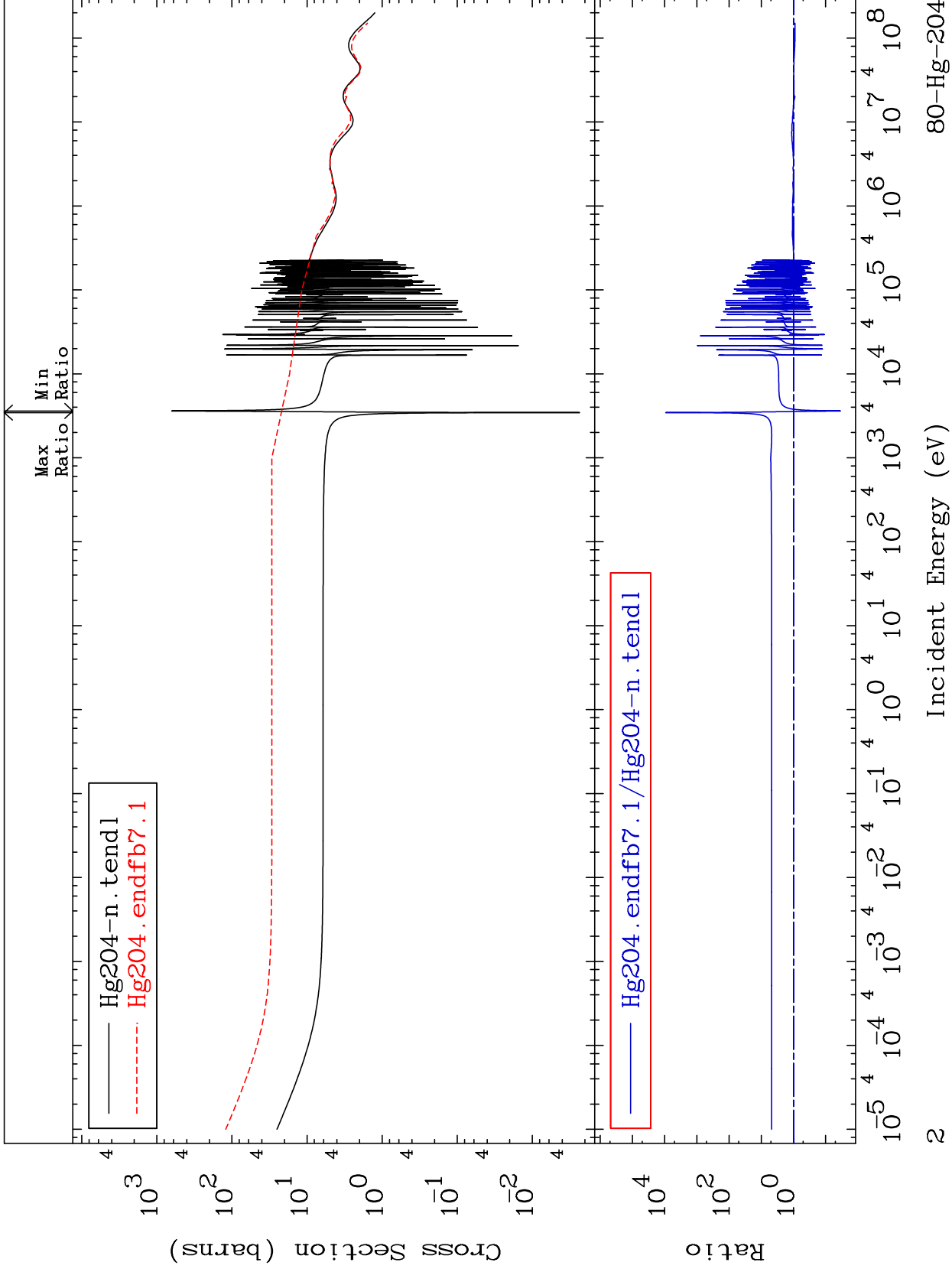
80-Hg-204
-96.77 To 9999. %



MAT 8049

Elastic
Cross Section

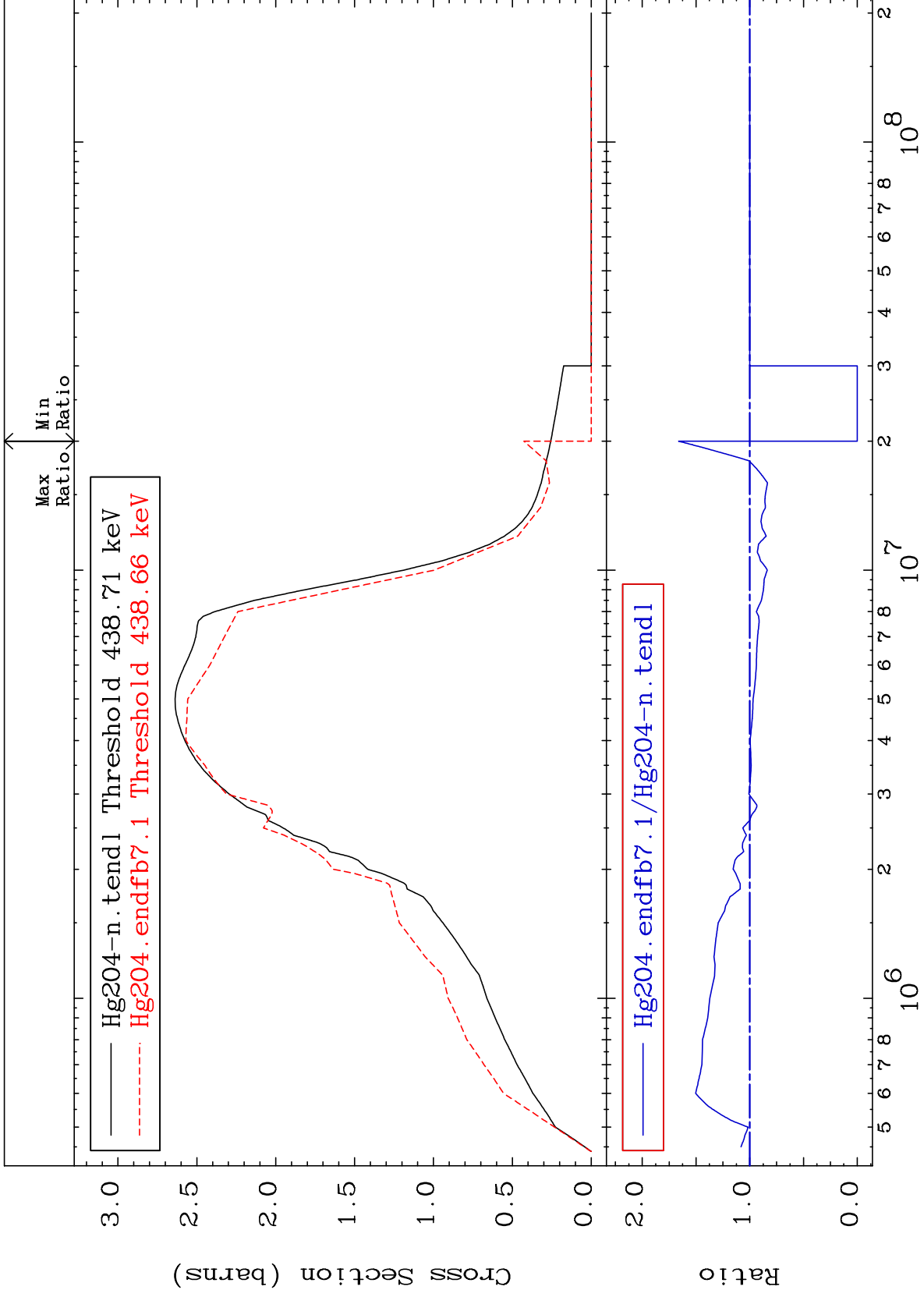
80-Hg-204
-96.58 To 9999. %



MAT 8049

Inelastic
Cross Section

80-Hg-204
-100.0 To 66.18 %



3

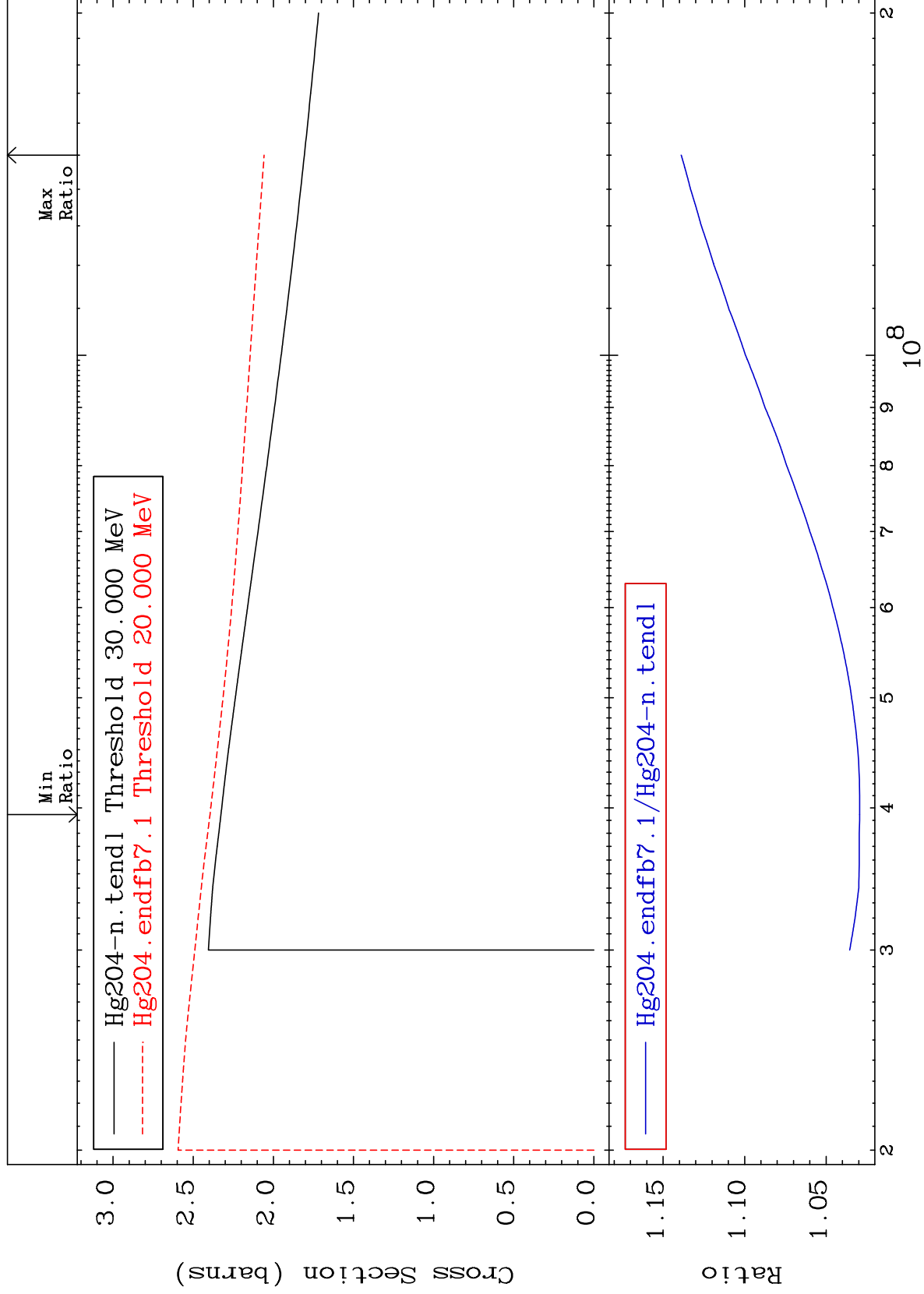
Incident Energy (eV)

80-Hg-204

MAT 8049

(n, remainder)
Cross Section

80-Hg-204
2.943 To 13.89 %



4

Incident Energy (eV)

80-Hg-204

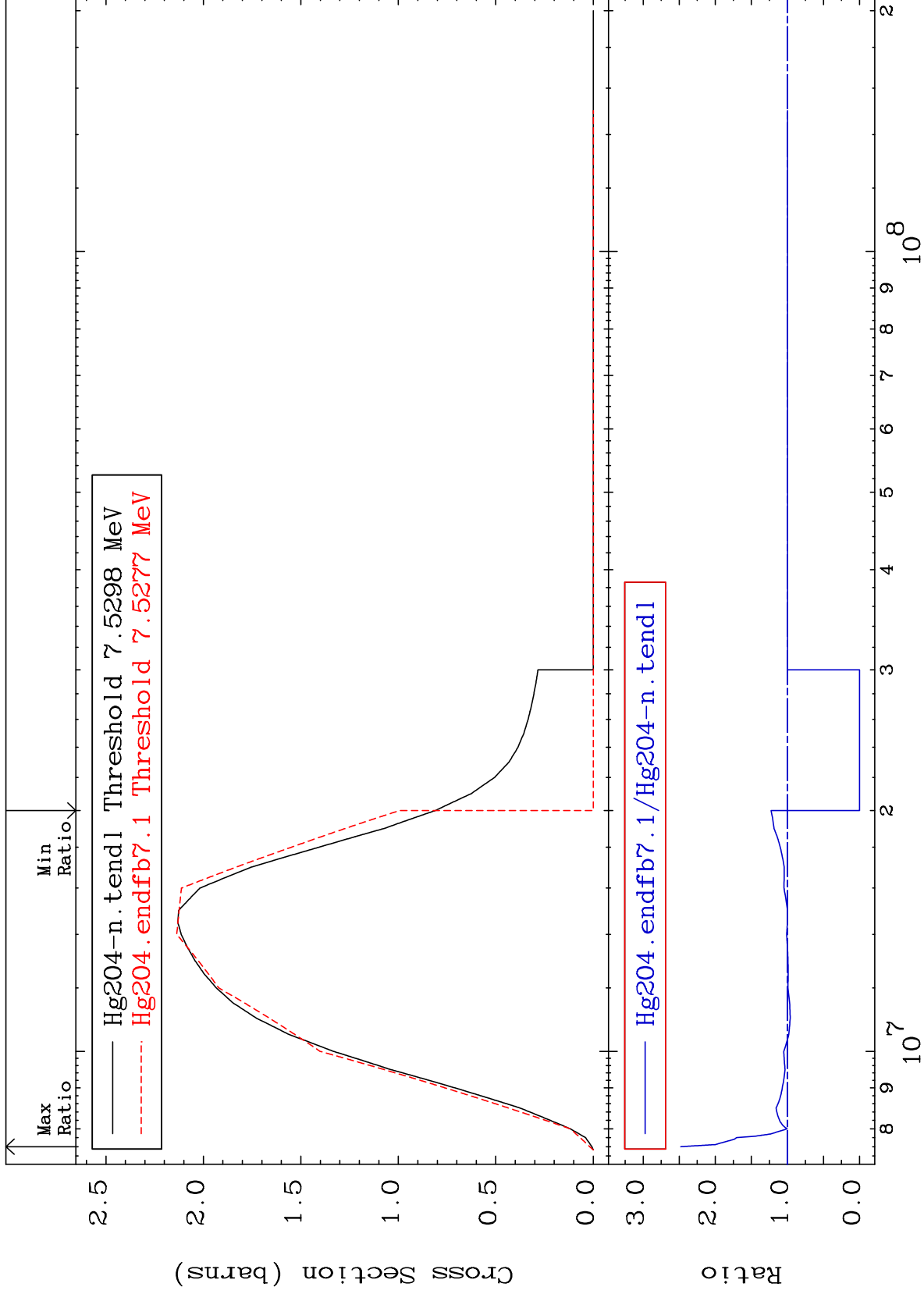
MAT 8049

(n,2n)

80-Hg-204

Cross Section

-100.0 To 147.9 %



5

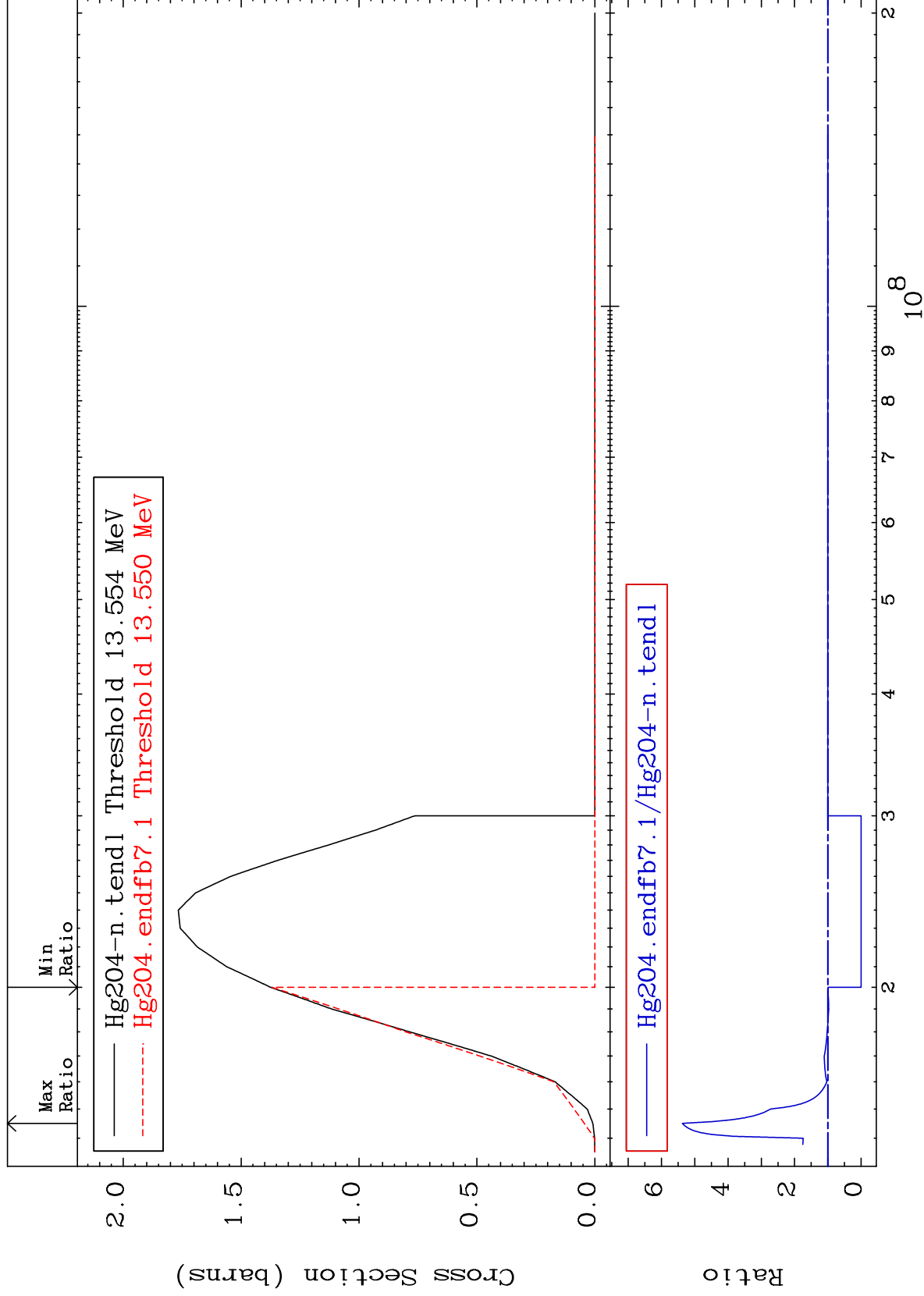
Incident Energy (eV)

80-Hg-204

MAT 8049

(n,3n)
Cross Section

80-Hg-204
-100.0 To 437.4 %



6

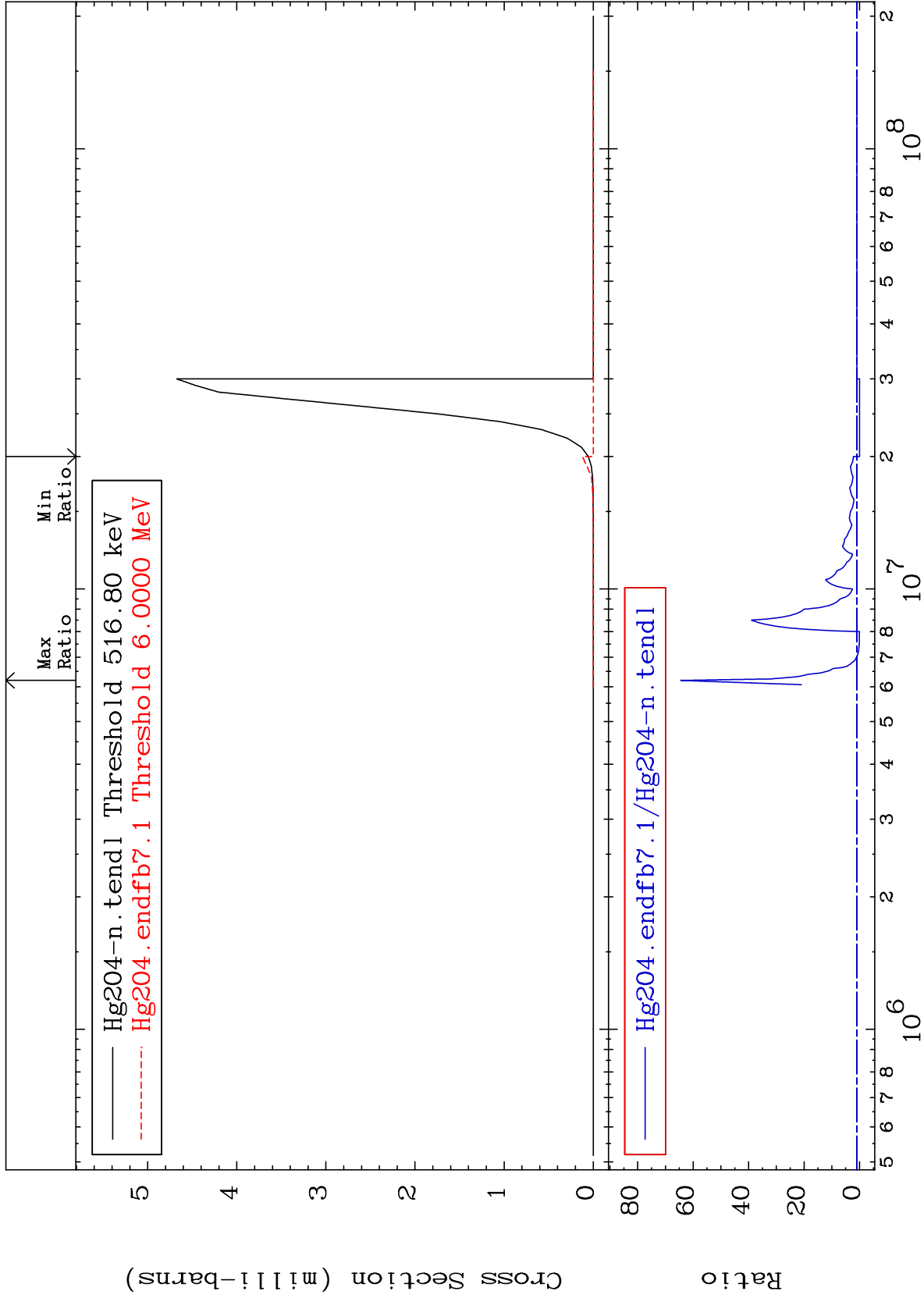
80-Hg-204

80-Hg-204

MAT 8049

80-Hg-204
-100.0 To 6347. %

(n, n') α
Cross Section



Incident Energy (eV)

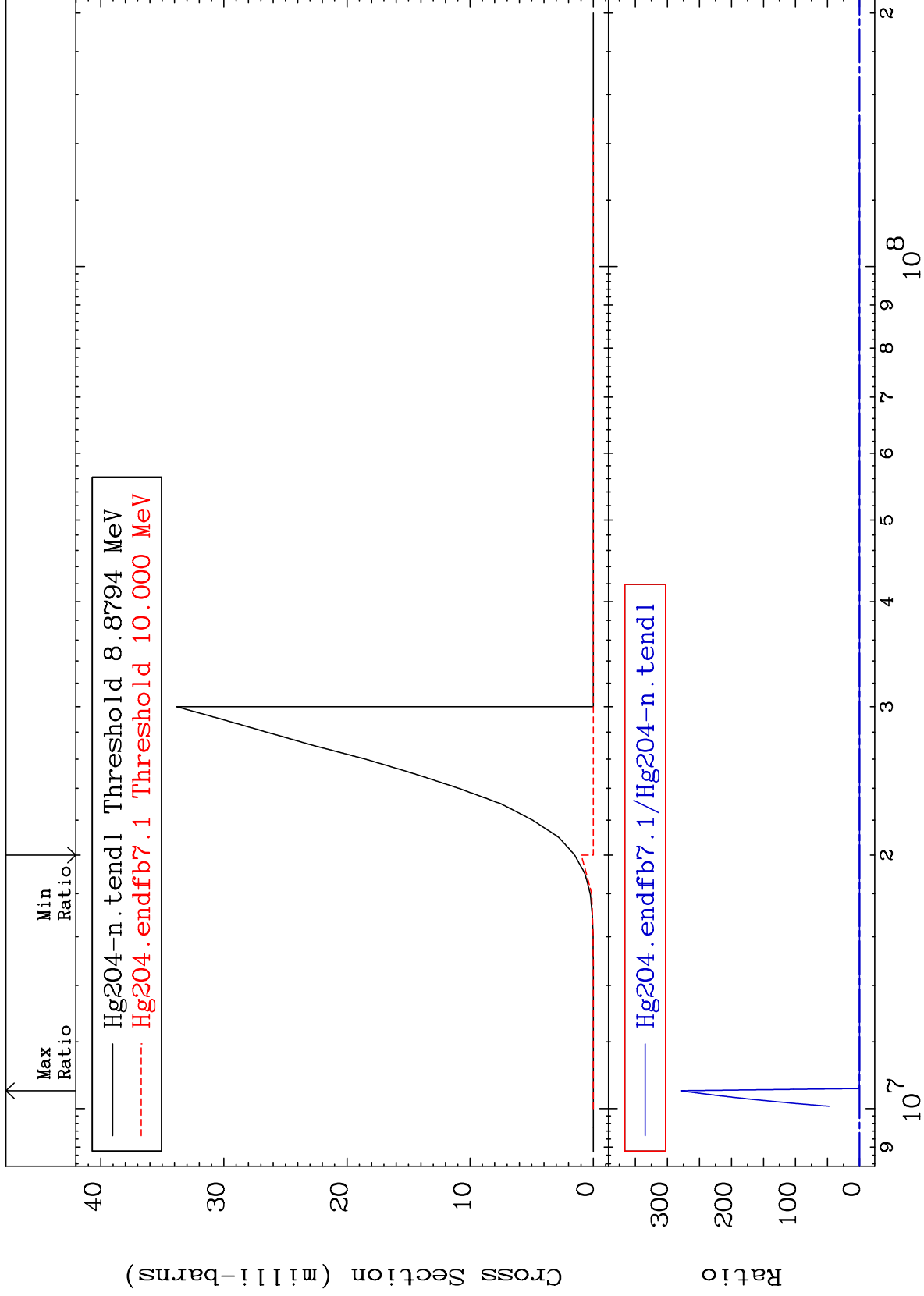
80-Hg-204

7

MAT 8049

(n,n') p
Cross Section

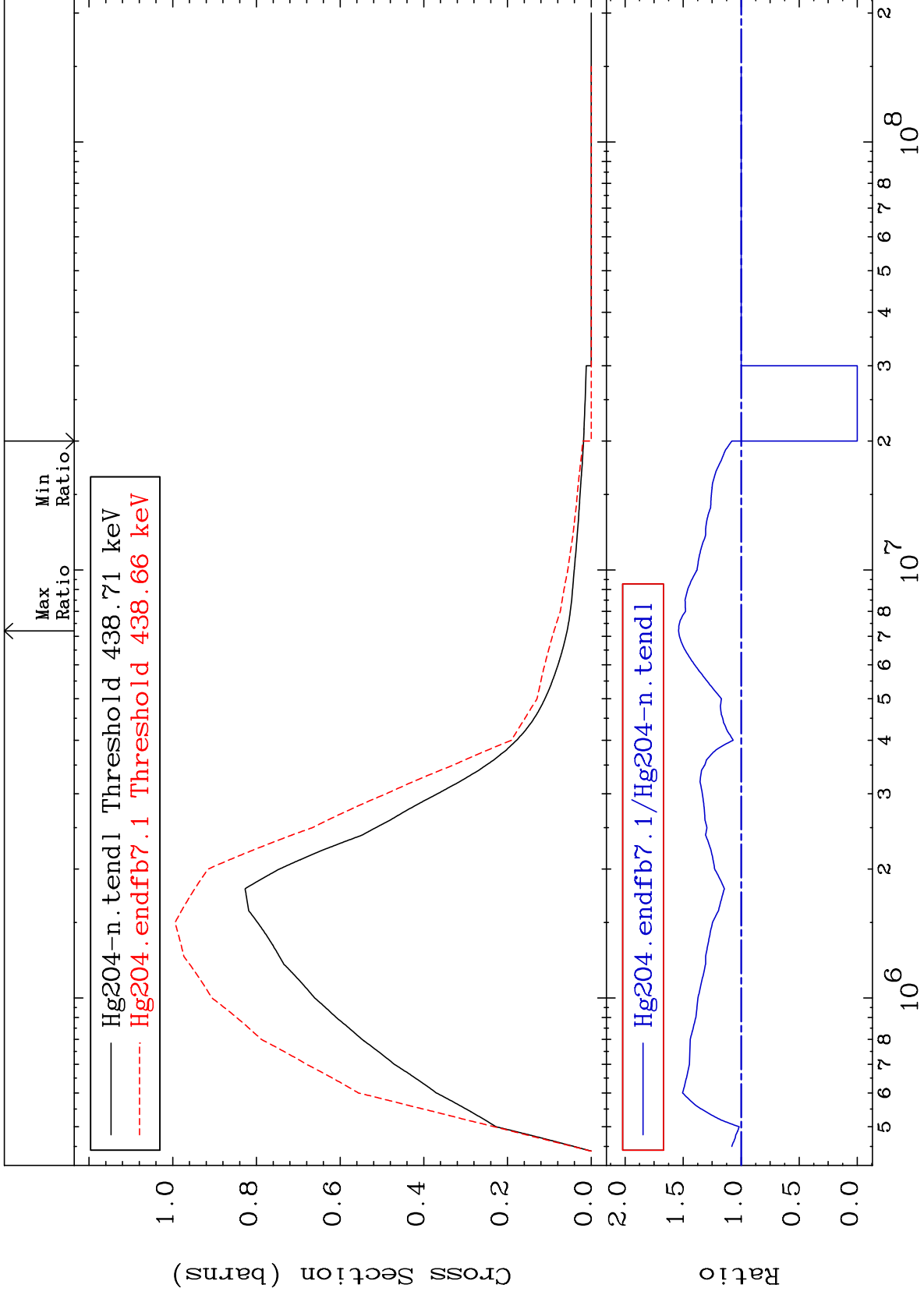
80-Hg-204
-100.0 To 9999. %



MAT 8049

436.6 keV (n,n') Level
Cross Section

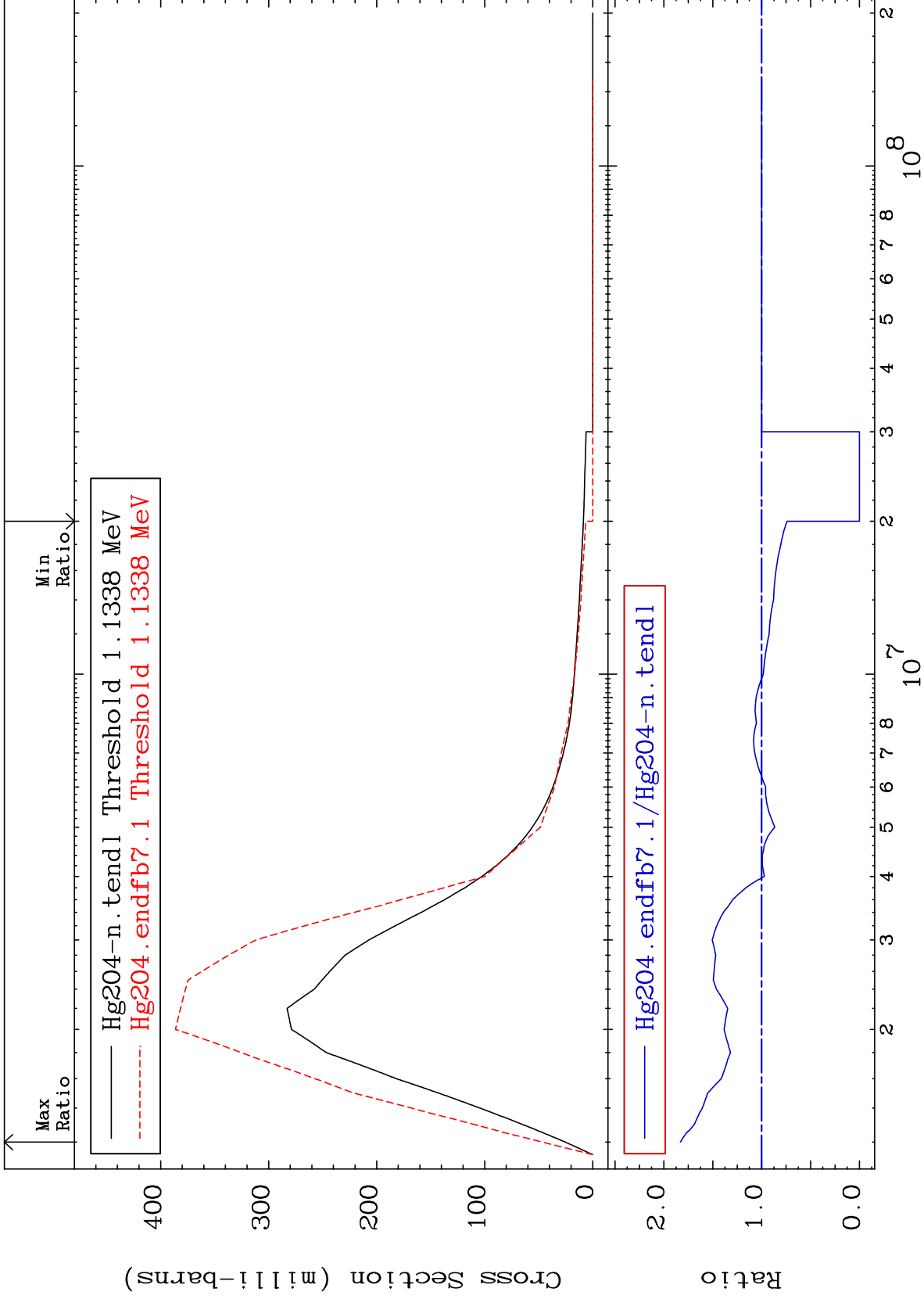
80-Hg-204
-100.0 To 53.86 %



MAT 8049

1.128 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 83.13 %



10

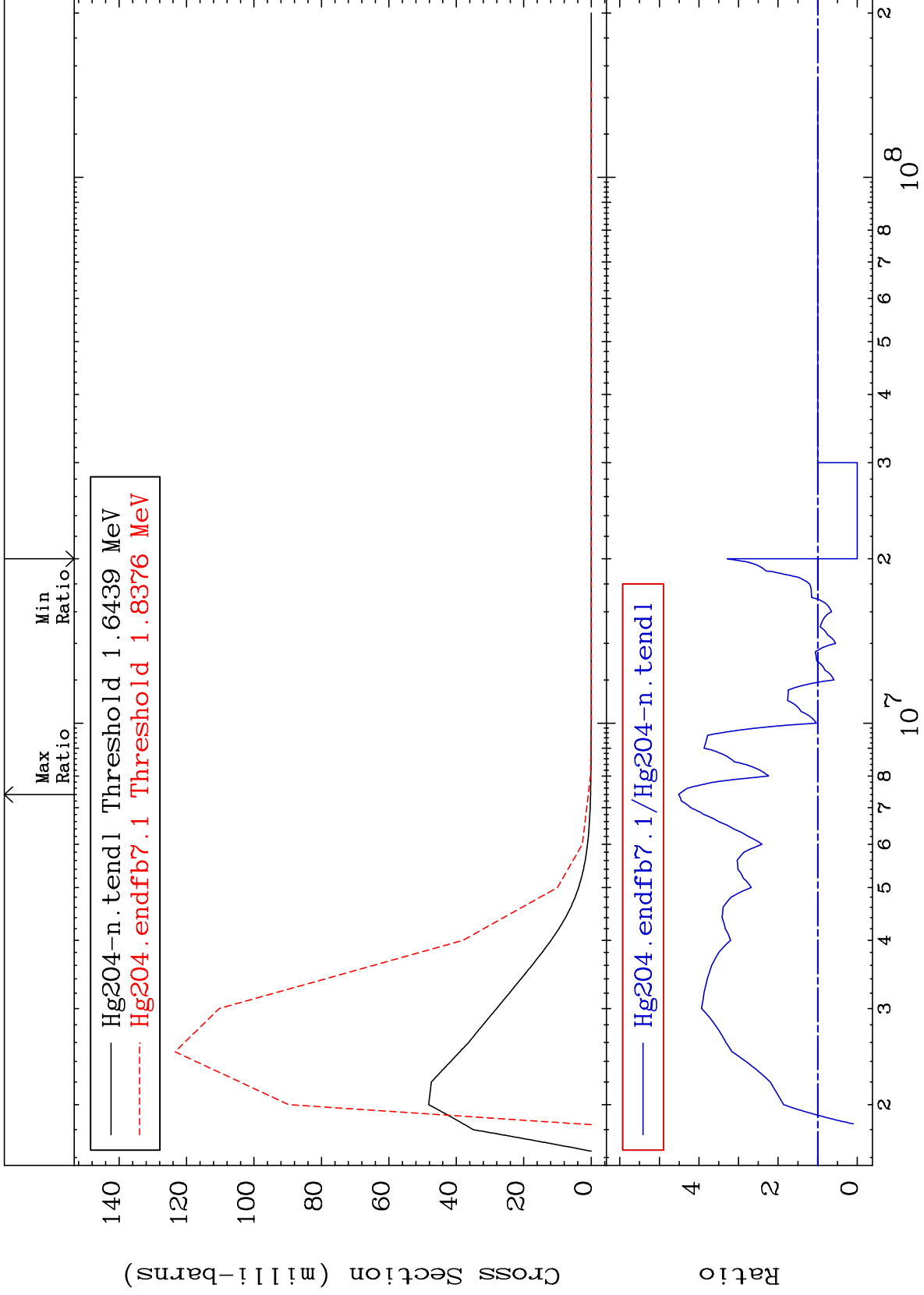
Incident Energy (eV)

80-Hg-204

MAT 8049

1.636 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 351.3 %



11

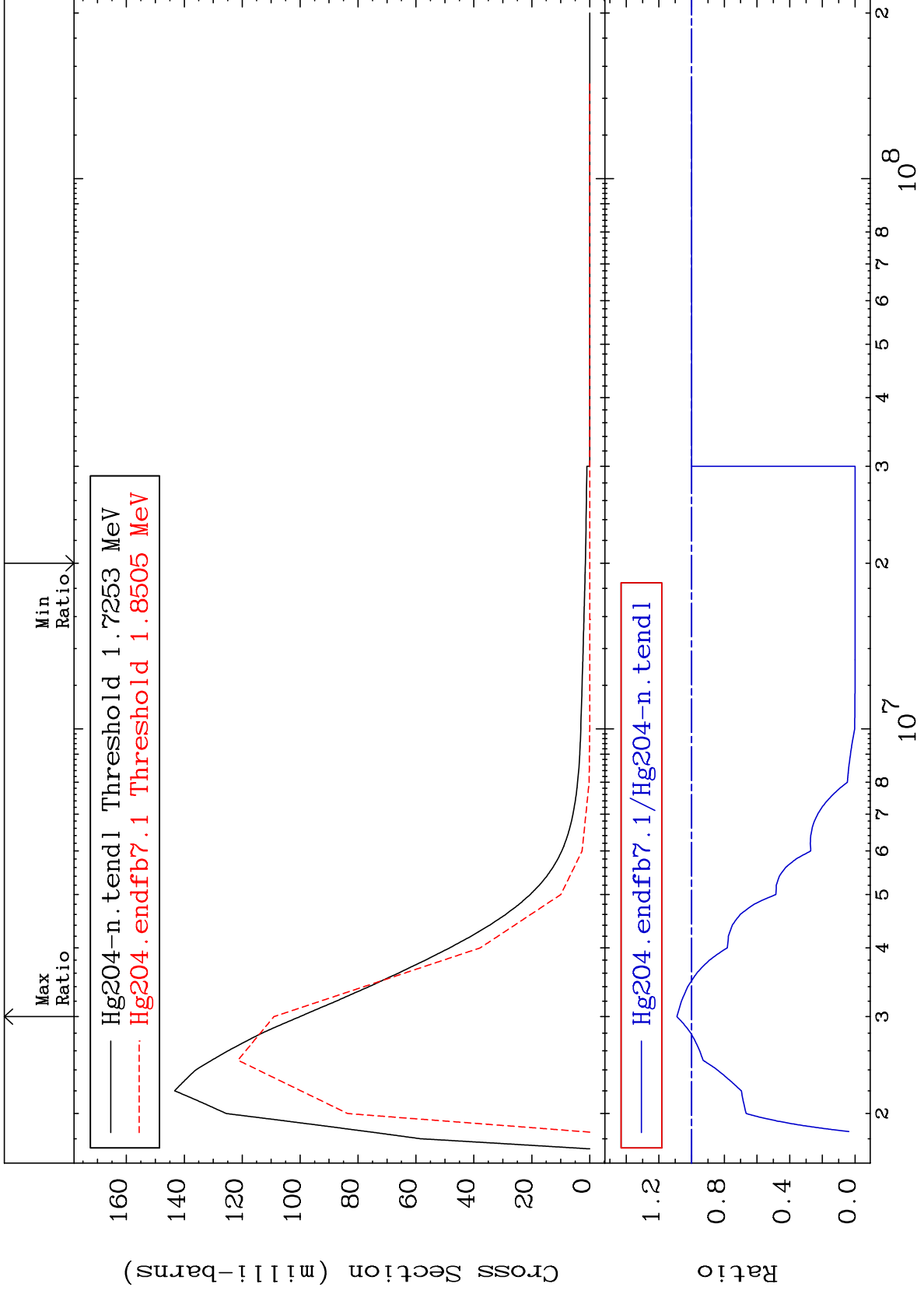
Incident Energy (eV)

80-Hg-204

MAT 8049

1.717 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 8.985 %



12

80-Hg-204

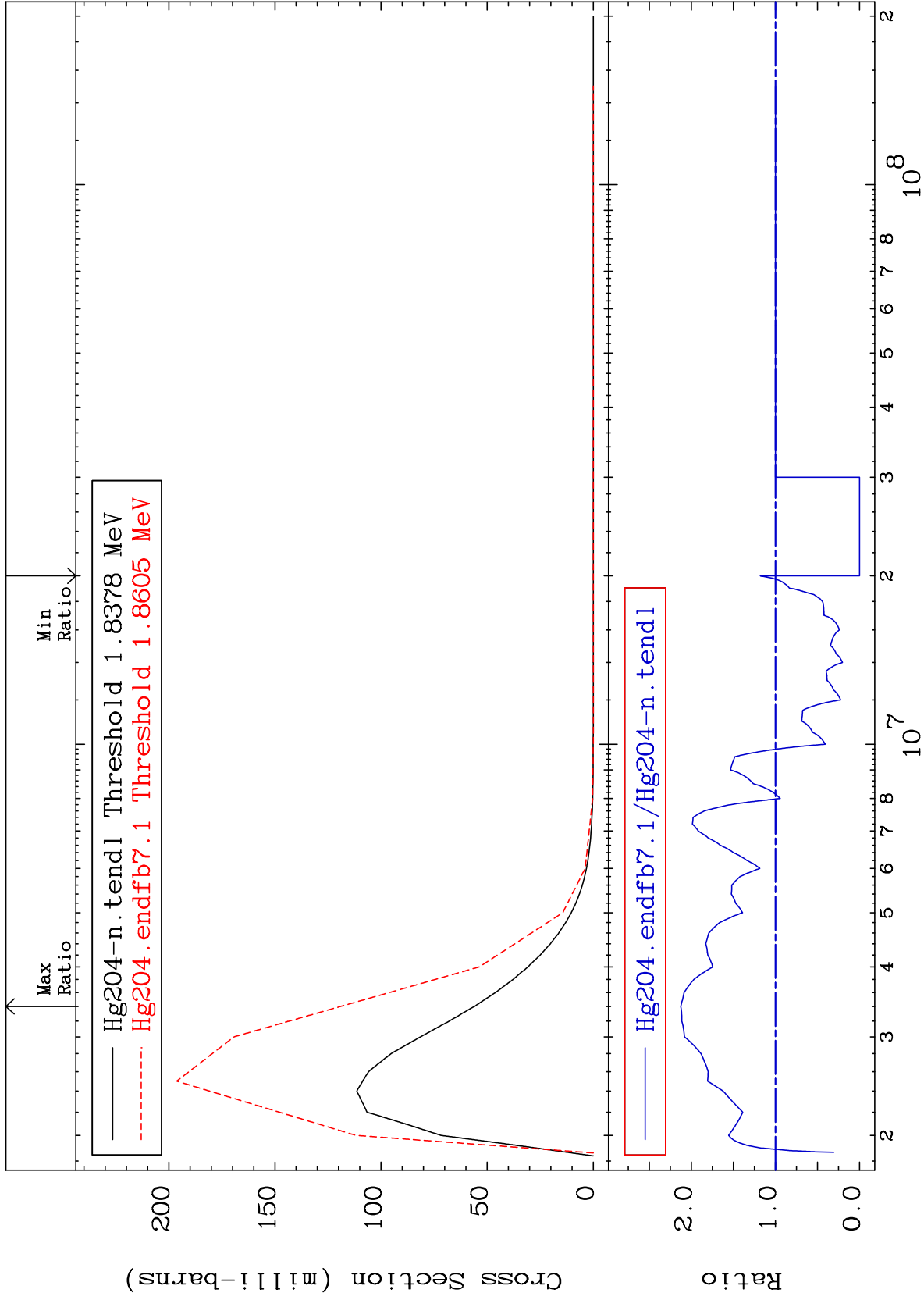
MAT 8049

1.829 MeV (n,n') Level

80-Hg-204

-100.0 To 112.5 %

Cross Section

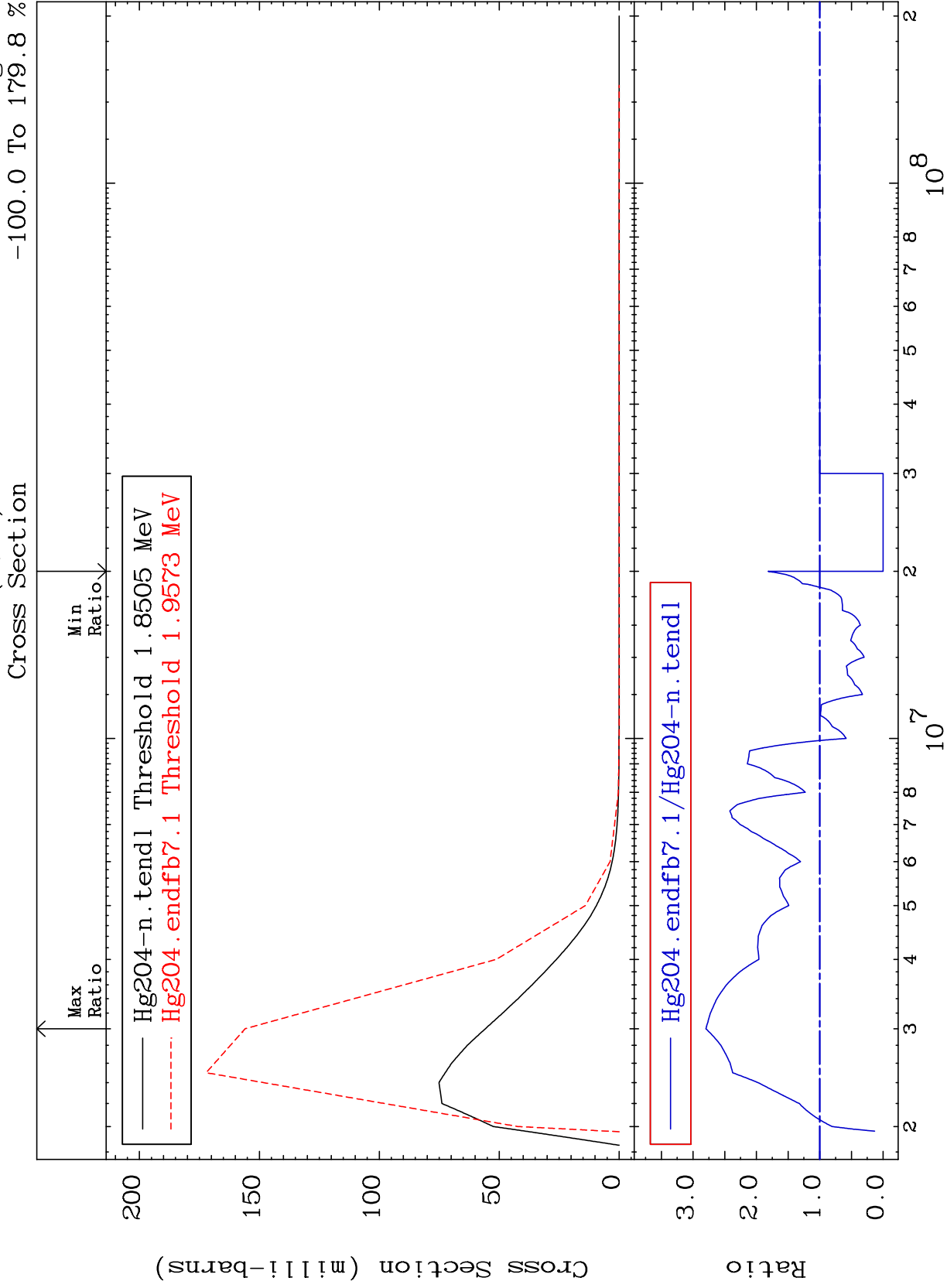


MAT 8049

1.841 MeV (n,n') Level

80-Hg-204

-100.0 To 179.8 %



14

Incident Energy (eV)

80-Hg-204

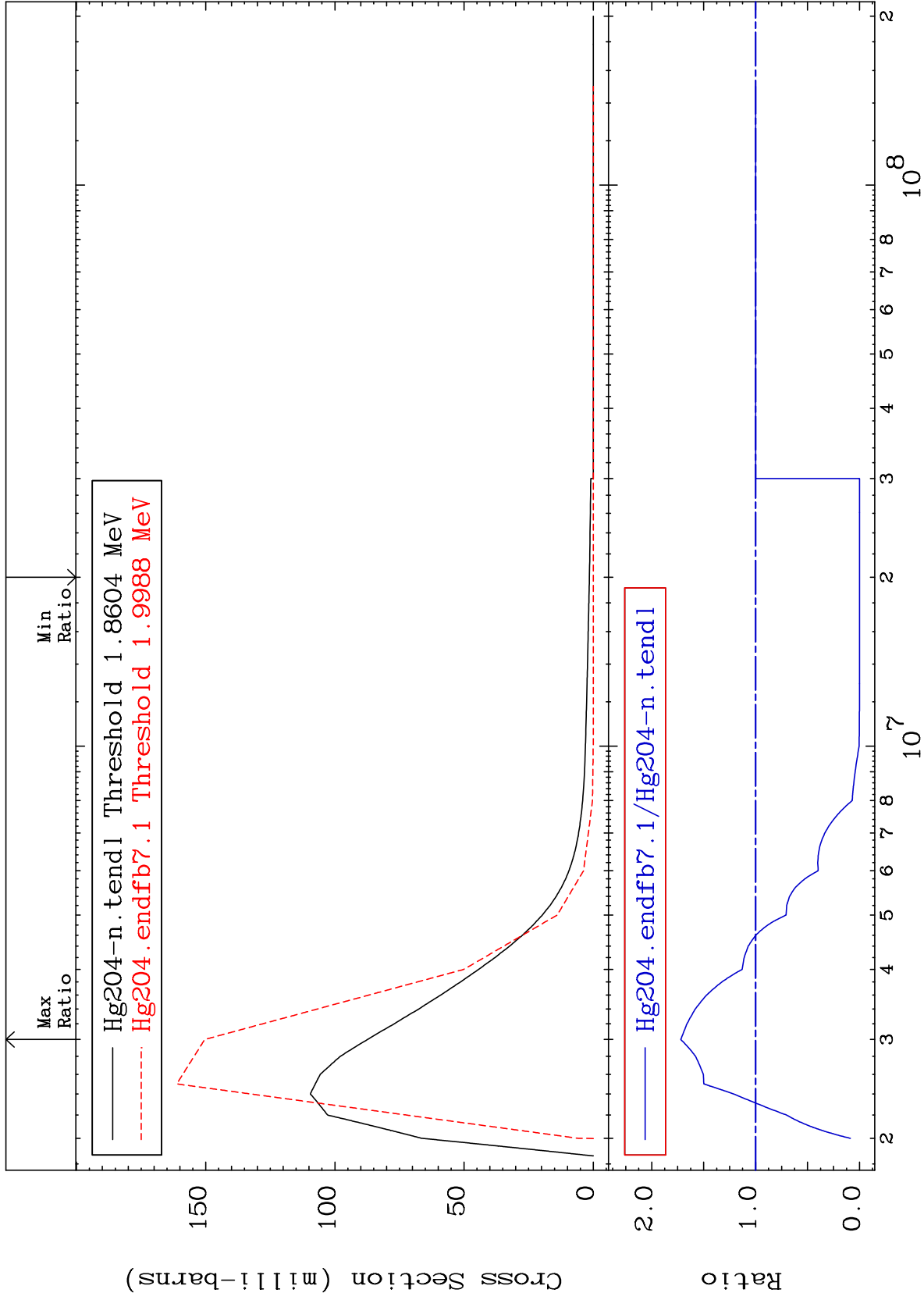
MAT 8049

1.851 MeV (n,n') Level

80-Hg-204

-100.0 To 72.04 %

Cross Section



15

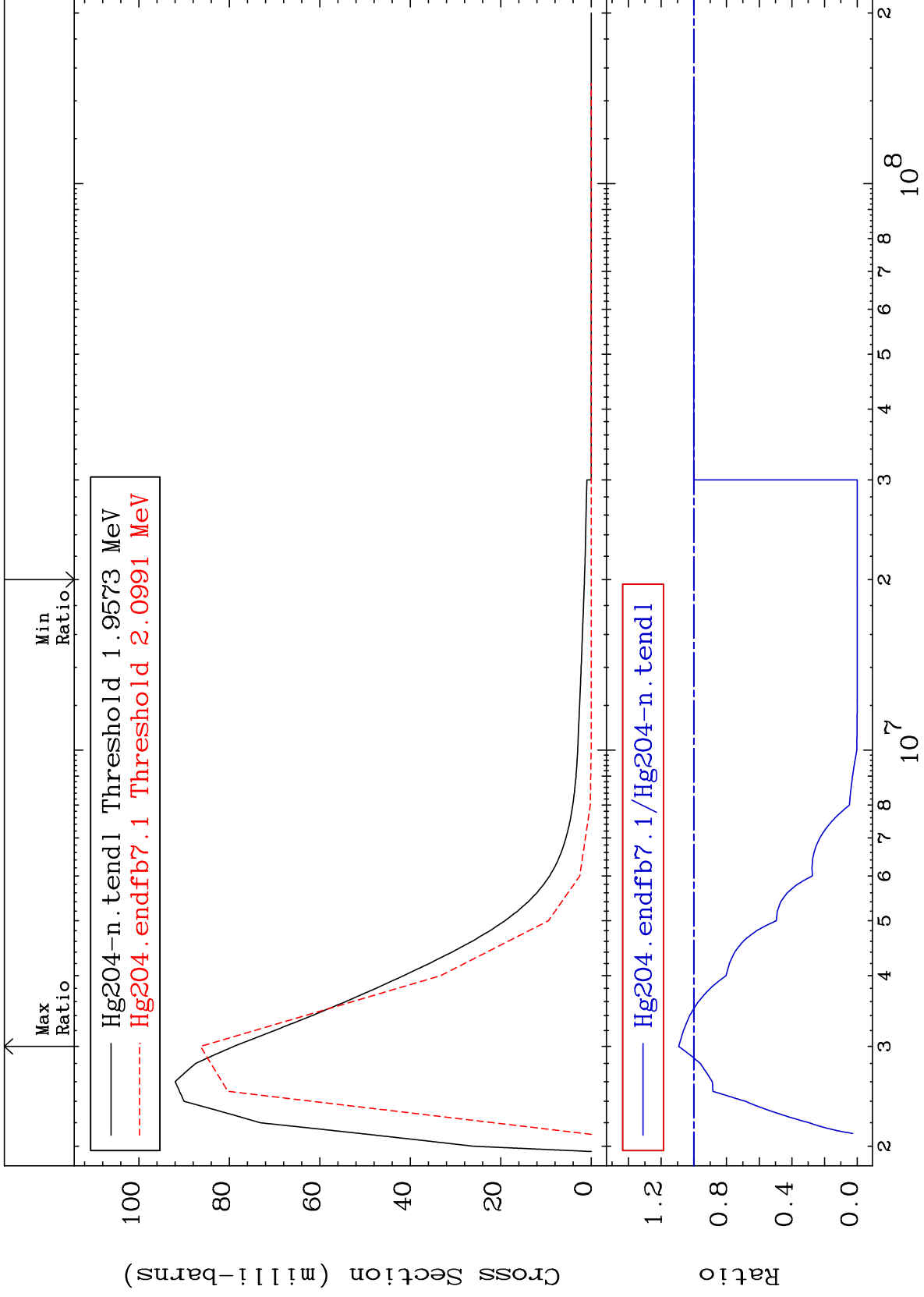
Incident Energy (eV)

80-Hg-204

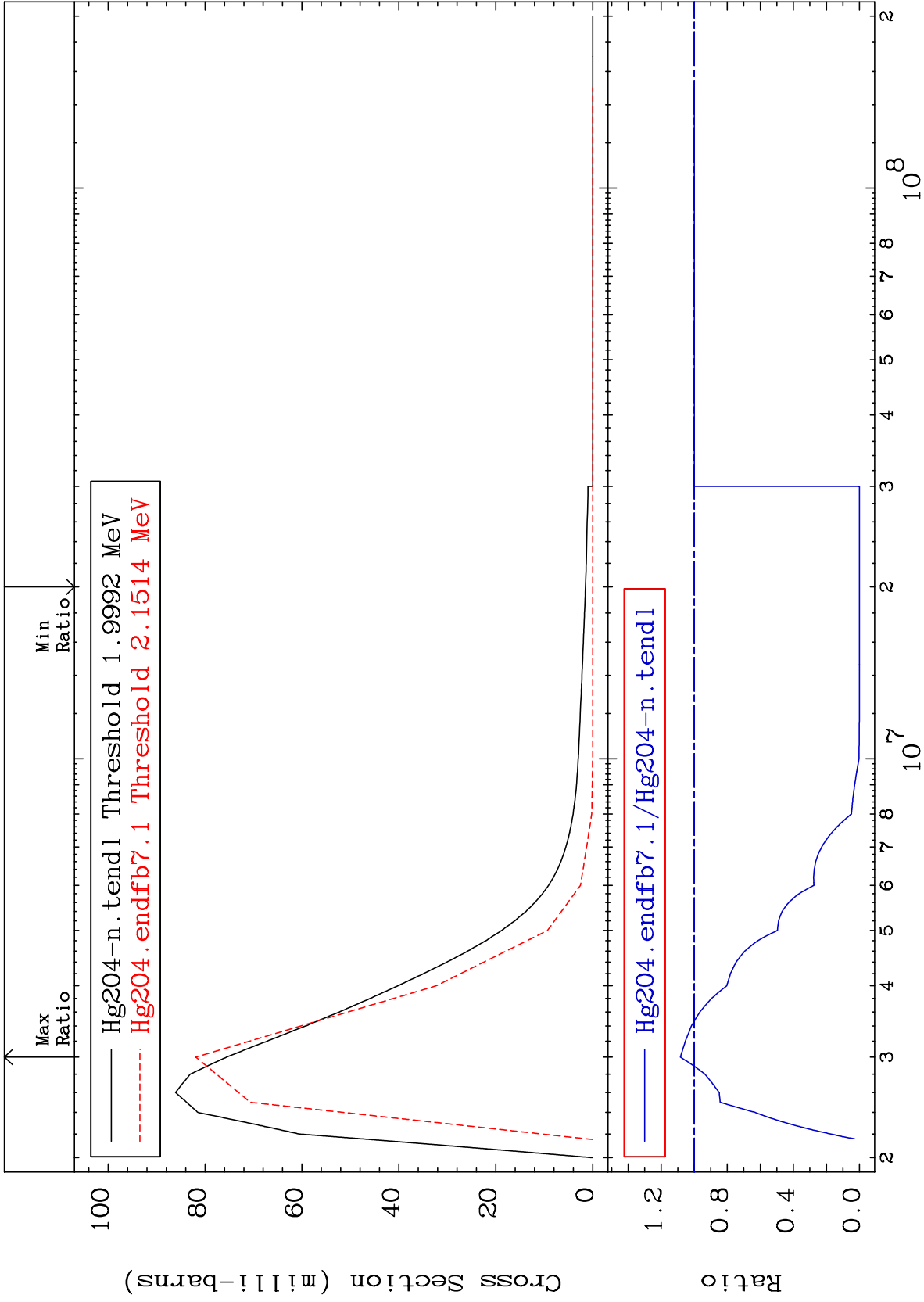
MAT 8049

1.948 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 9.297 %



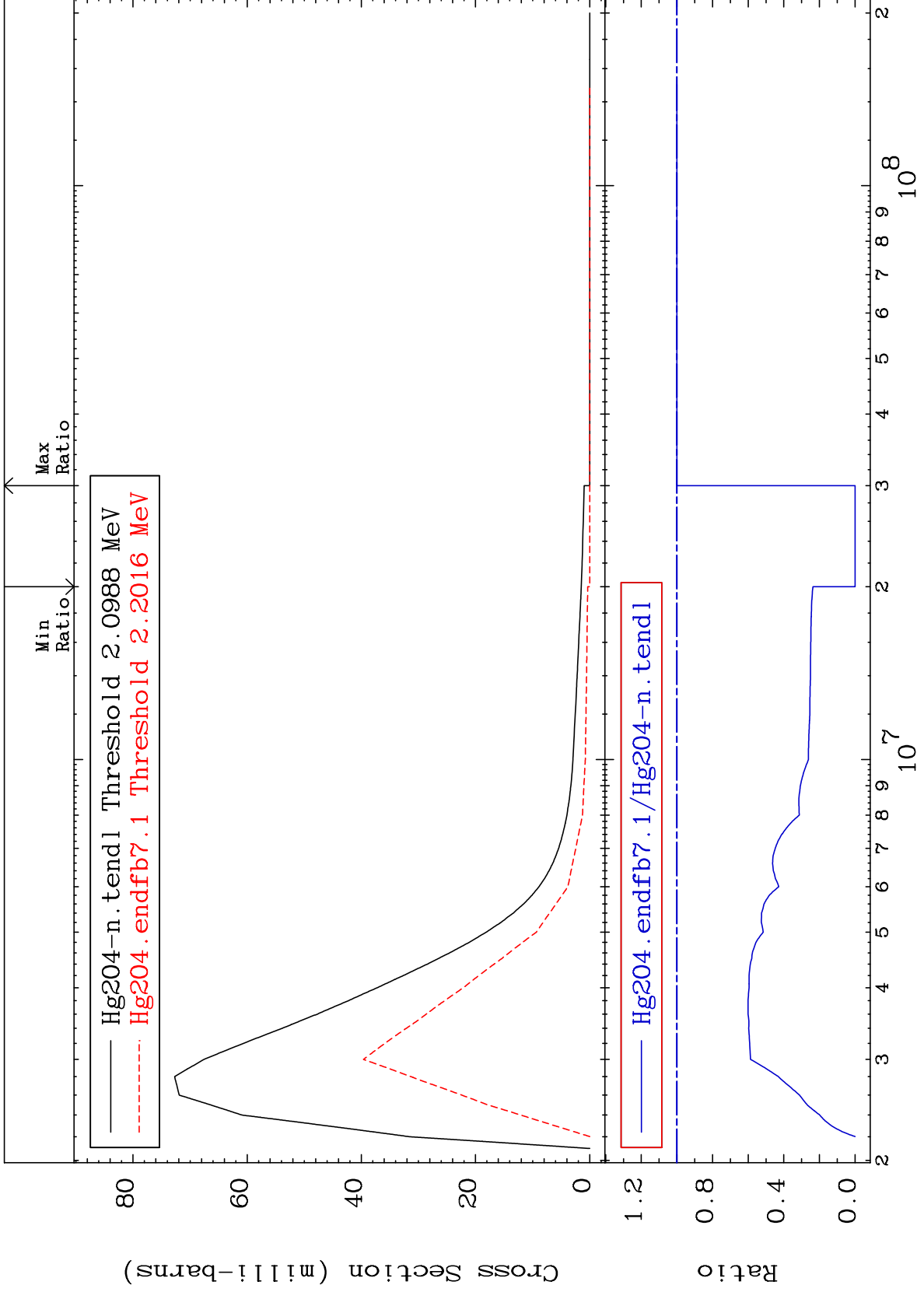
MAT 8049 1.989 MeV (n,n') Level 80-Hg-204
 Cross Section -100.0 To 8.409 %



MAT 8049

2.089 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 0.000 %



18

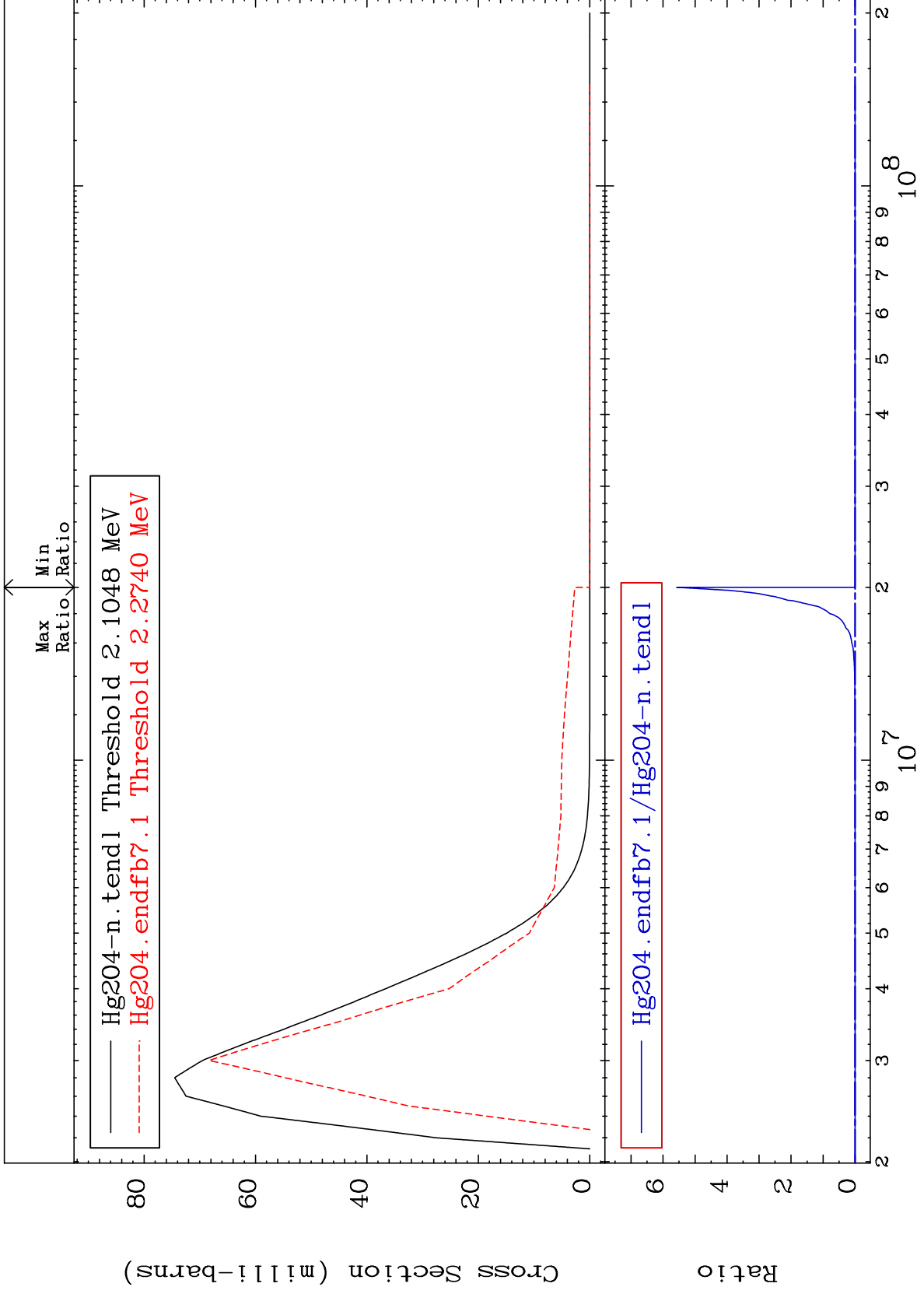
Incident Energy (eV)

80-Hg-204

MAT 8049

2.094 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 9999. %



MAT 8049

2.117 MeV (n,n') Level

80-Hg-204

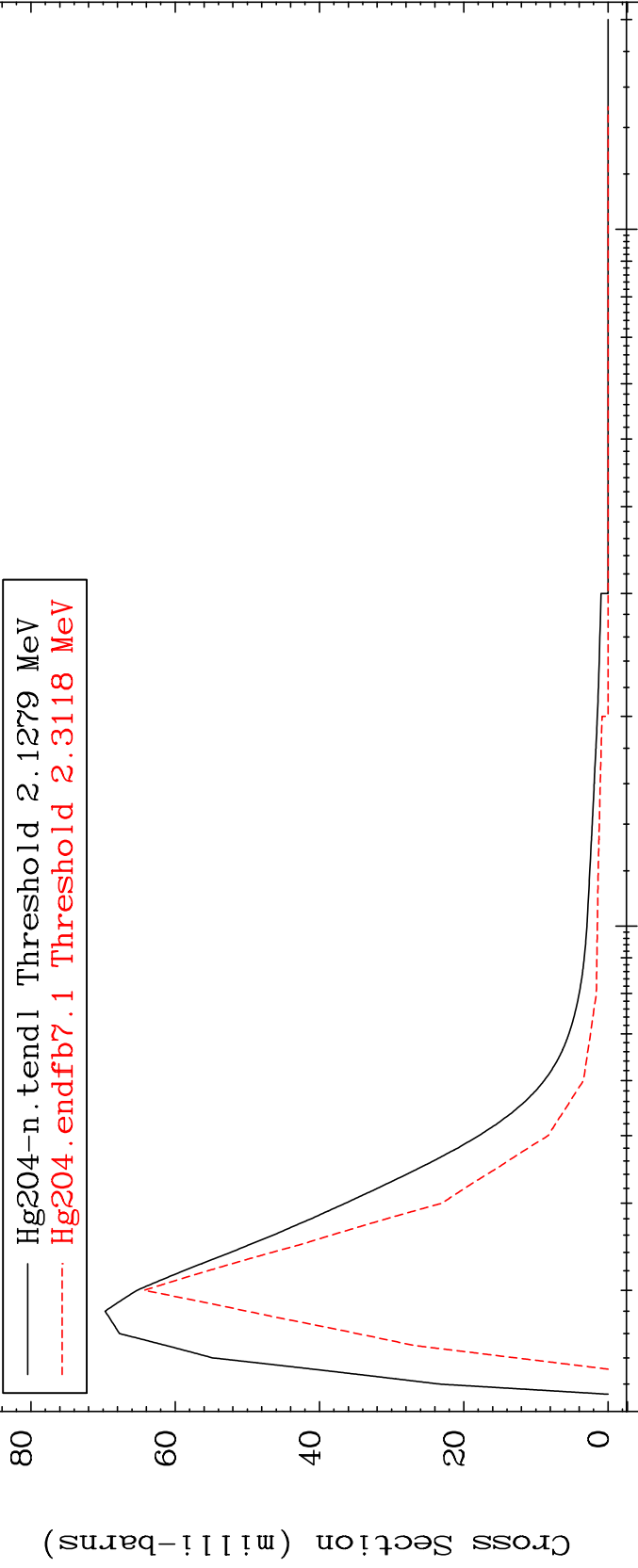
-100.0 To 0.000 %

Cross Section

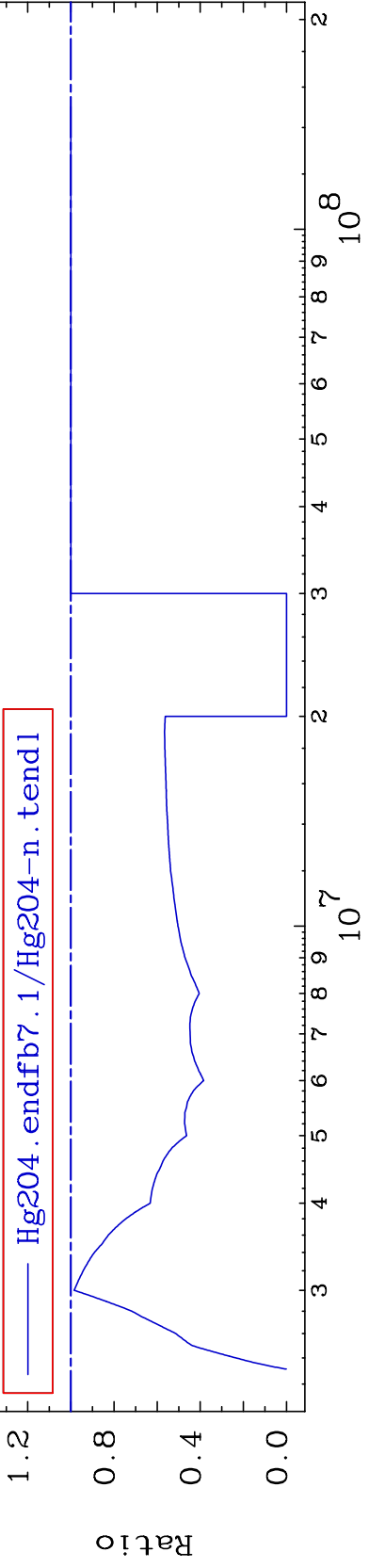
Min Ratio

Max Ratio

Hg204-n.tendl Threshold 2.1279 MeV
Hg204.endfb7.1 Threshold 2.3118 MeV



Hg204.endfb7.1/Hg204-n.tendl



20

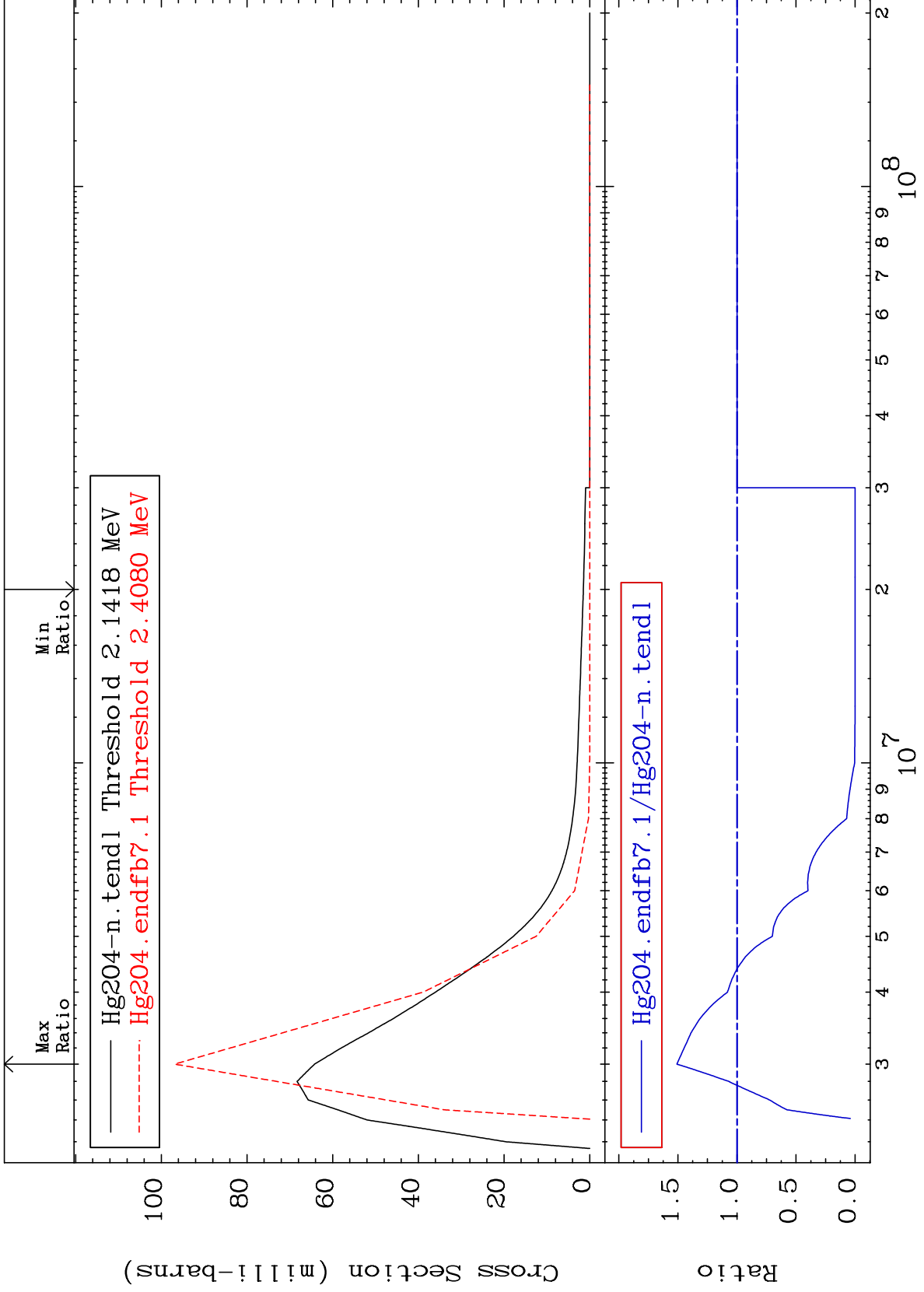
Incident Energy (eV)

80-Hg-204

MAT 8049

2.131 MeV (n,n') Level
Cross Section

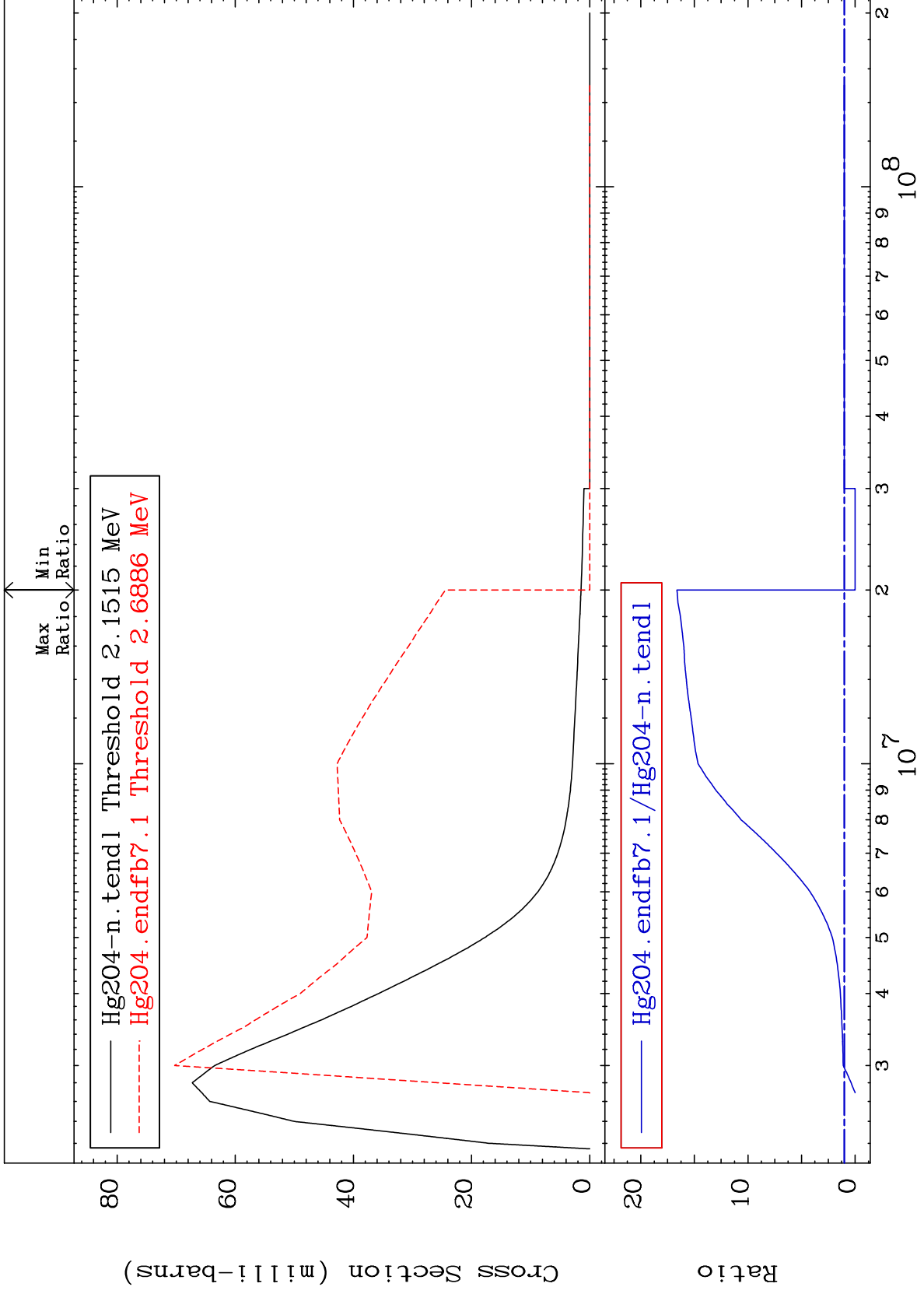
80-Hg-204
-100.0 To 50.86 %



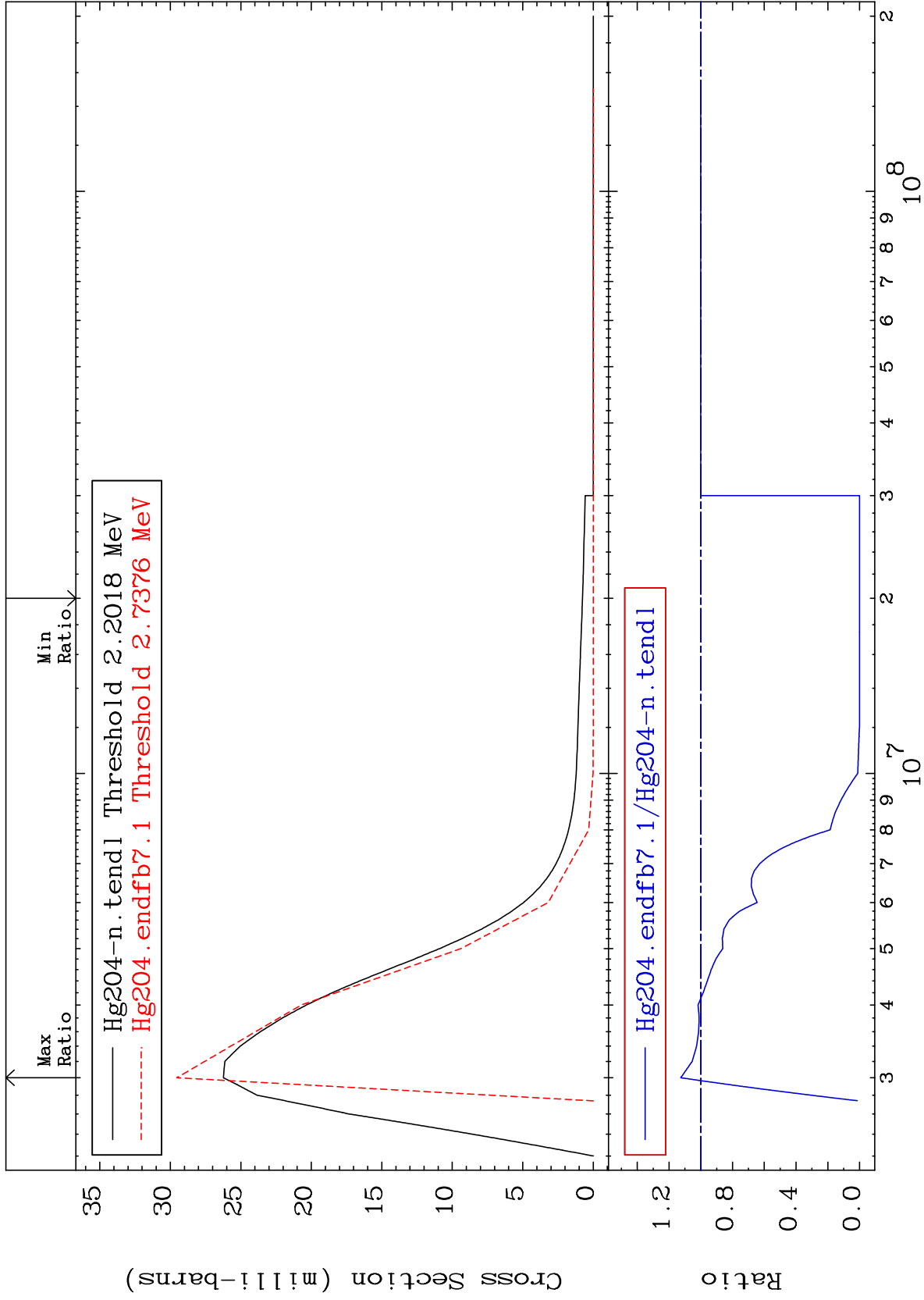
MAT 8049

2.141 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 1563. %



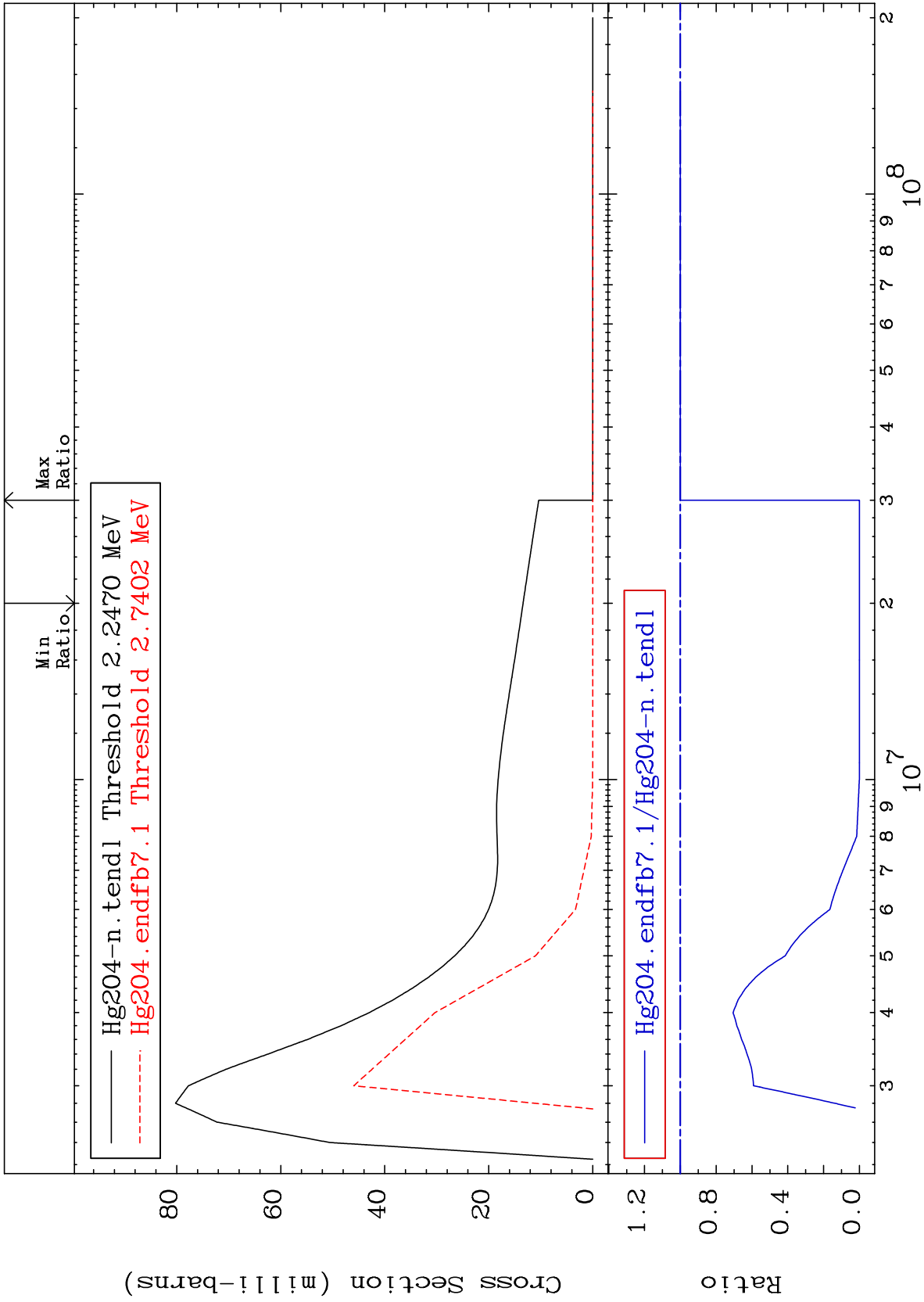
MAT 8049 2.191 MeV (n,n') Level 80-Hg-204
 Cross Section -100.0 To 12.62 %



MAT 8049

2.236 MeV (n,n') Level
Cross Section

80-Hg-204
-100.0 To 0.000 %



24

Incident Energy (eV)

80-Hg-204

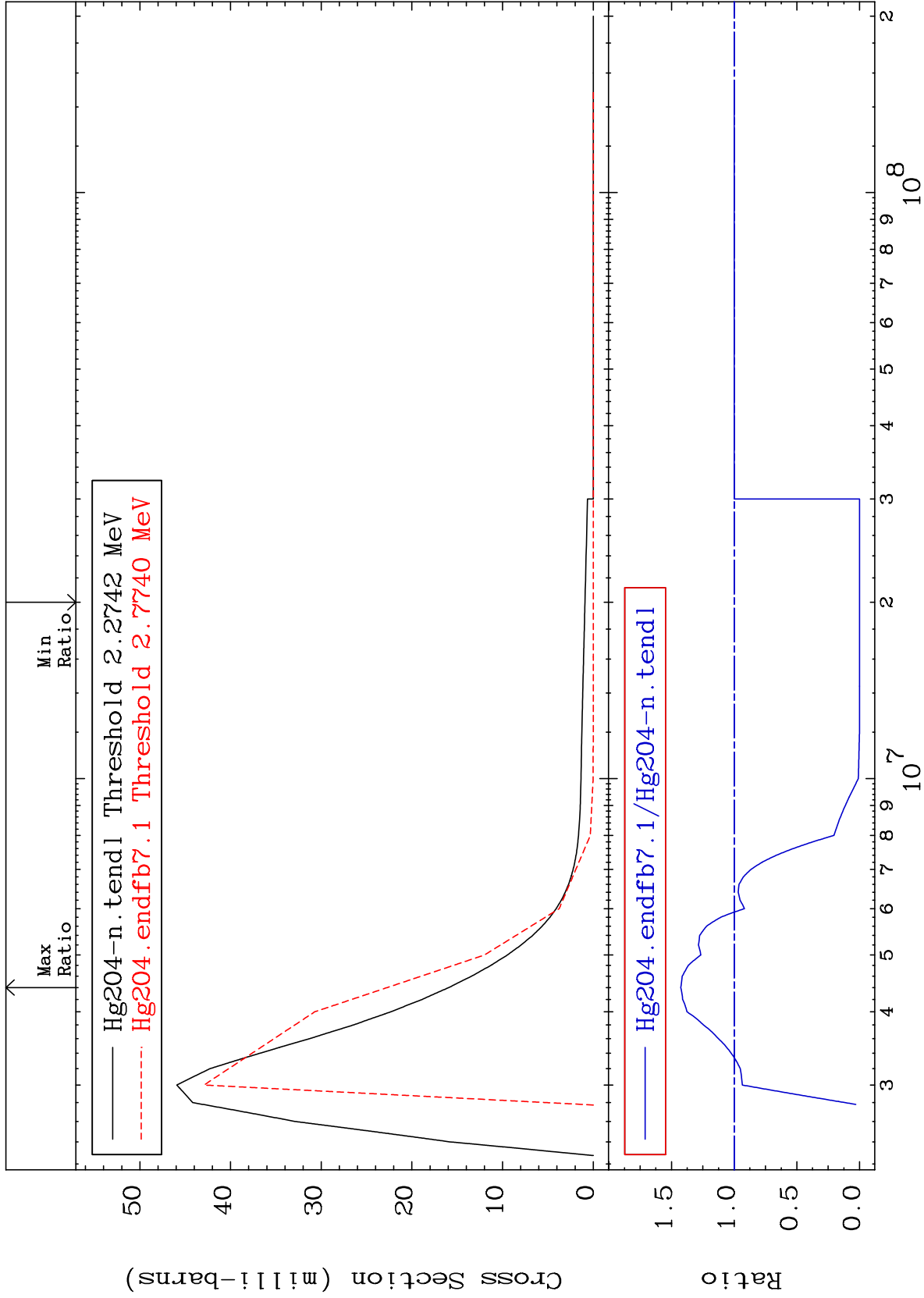
MAT 8049

2.263 MeV (n,n') Level

80-Hg-204

-100.0 To 42.61 %

Cross Section

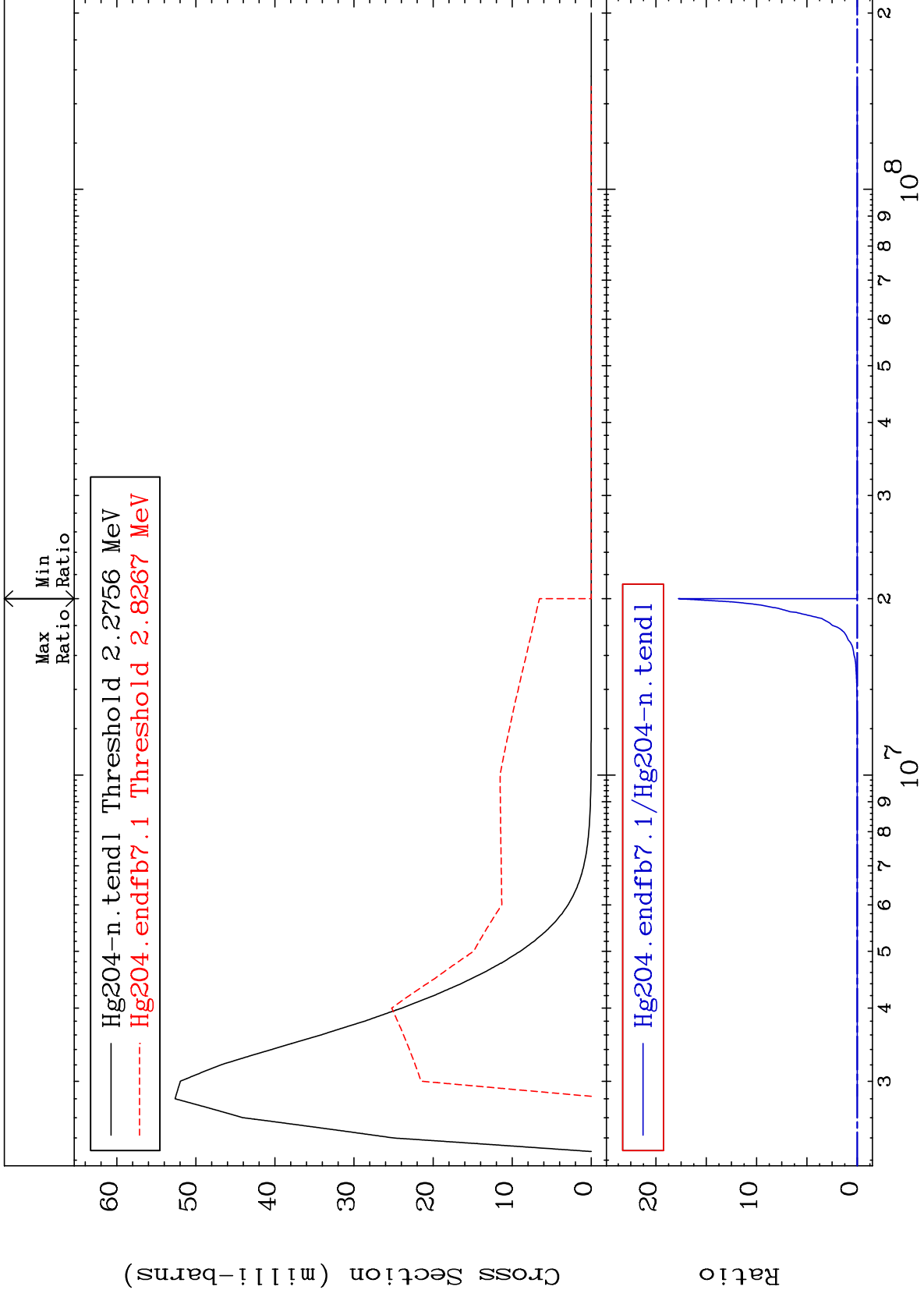


25

MAT 8049

2.264 MeV (n,n') Level
Cross Section

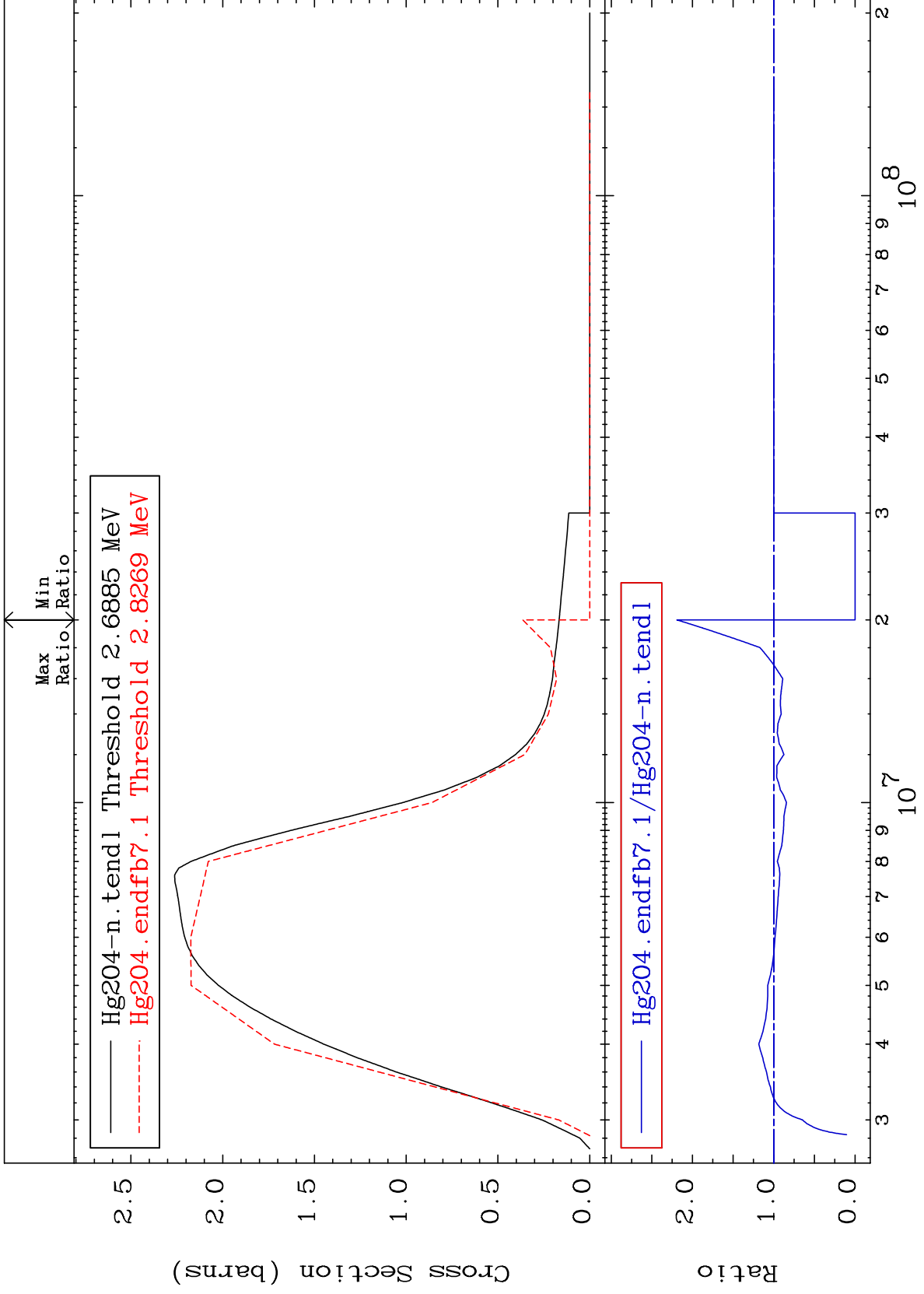
80-Hg-204
-100.0 To 9999. %



MAT 8049

(n, n') Continuum
Cross Section

80-Hg-204
-100.0 To 119.2 %



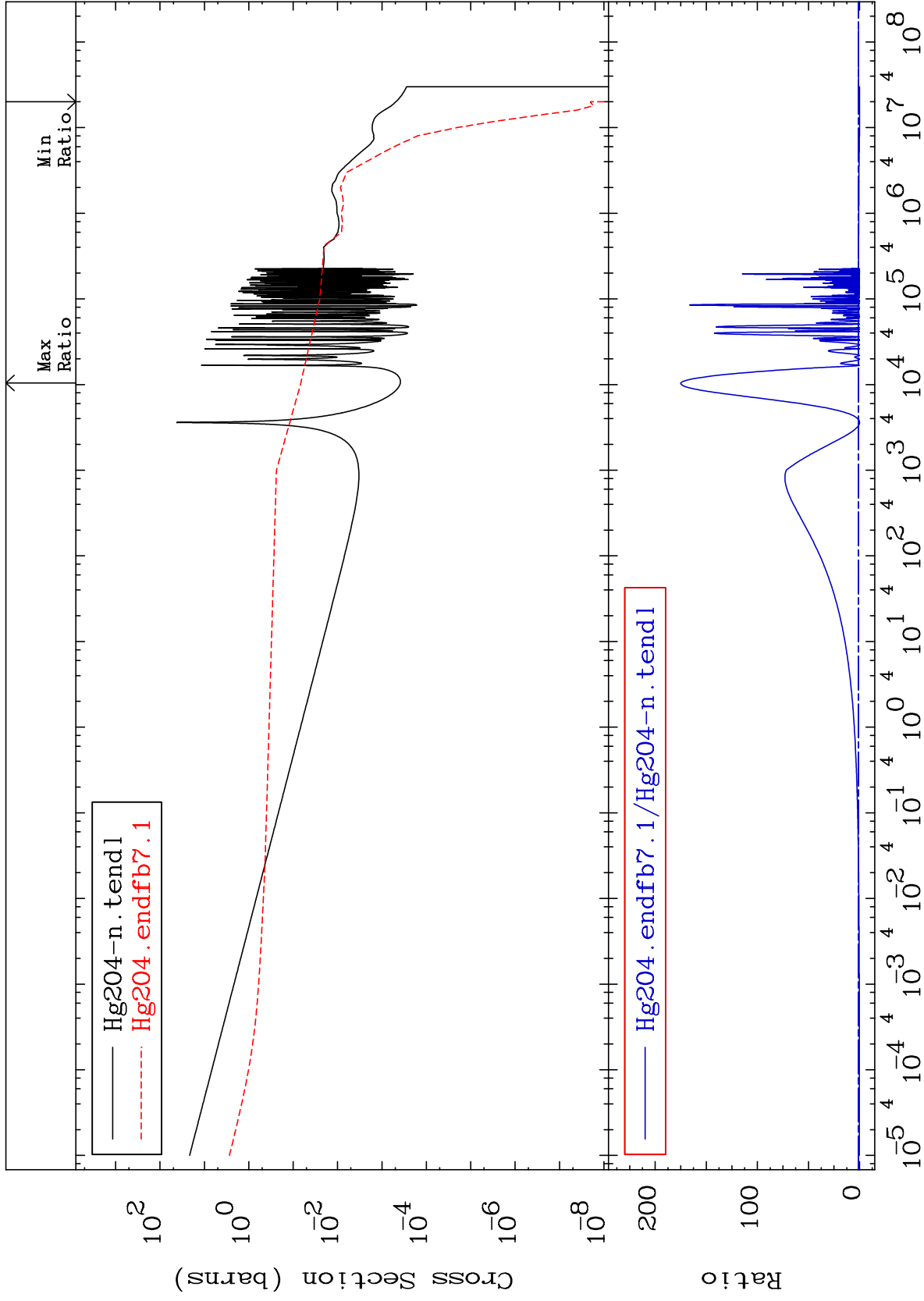
MAT 8049

(n, γ)

80-Hg-204

Cross Section

-100.0 To 9999. %



28

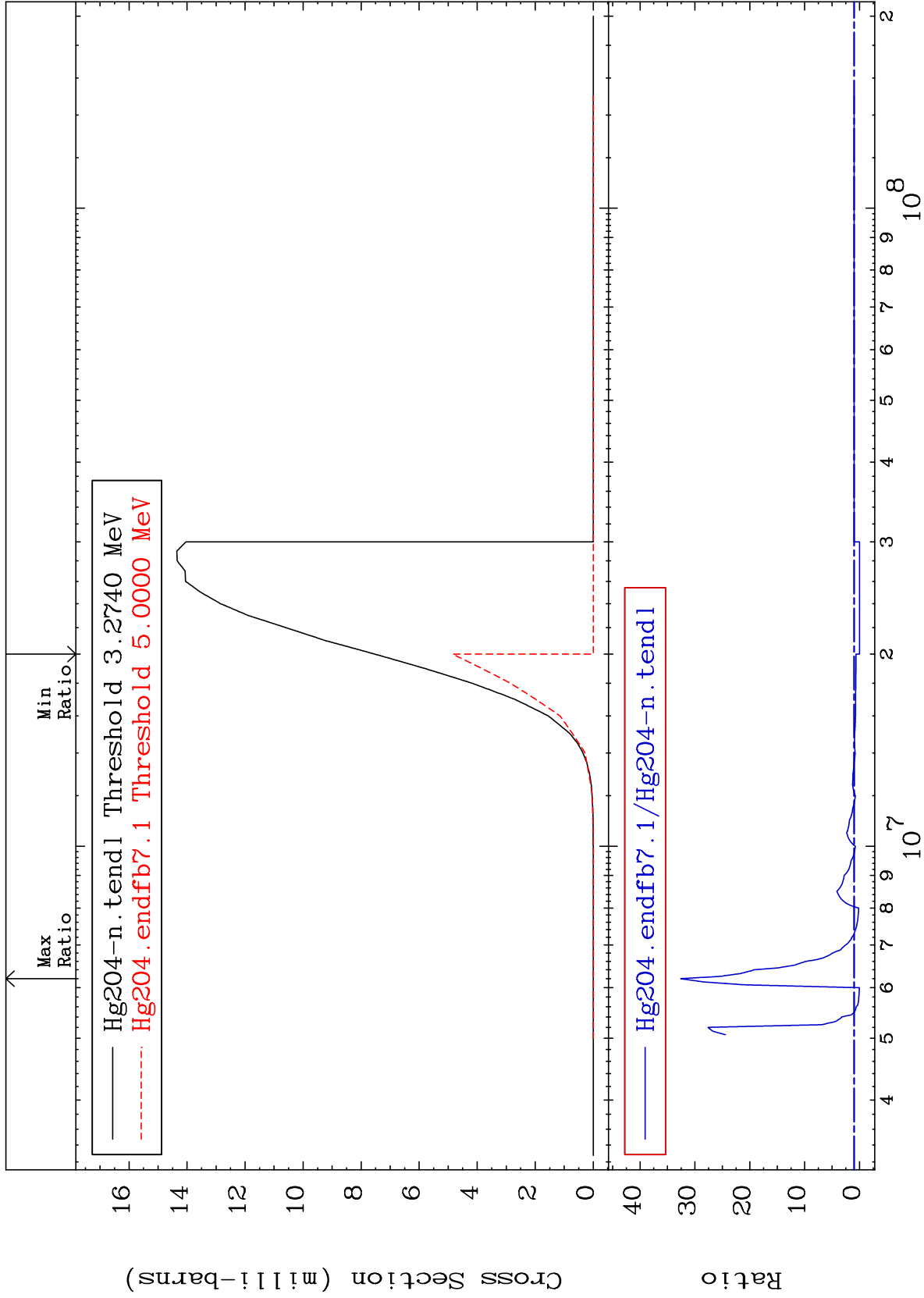
Incident Energy (eV)

80-Hg-204

MAT 8049

(n,p)
Cross Section

80-Hg-204
-100.0 To 3158. %



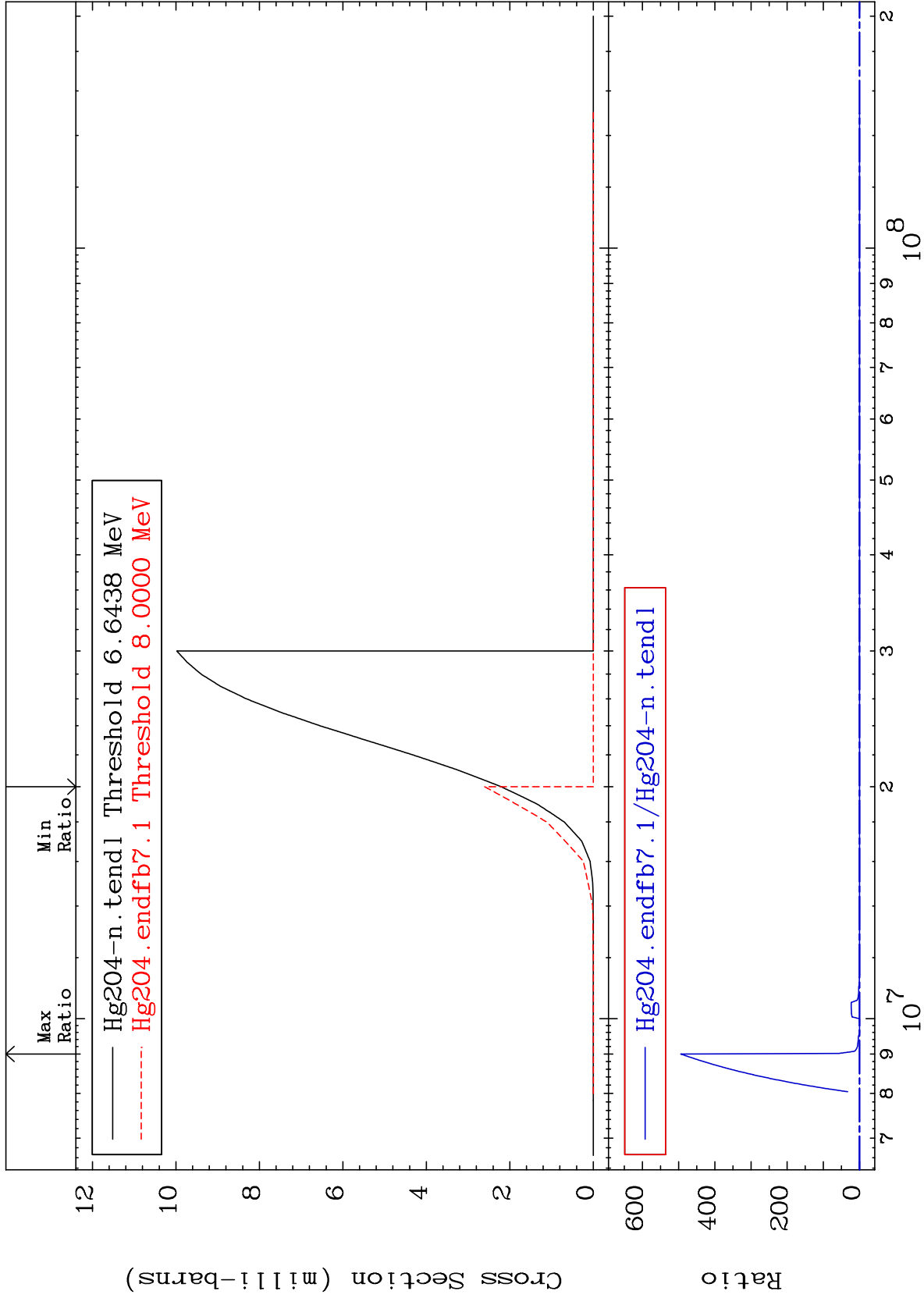
MAT 8049

(n, d)

80-Hg-204

Cross Section

-100.0 To 9999. %



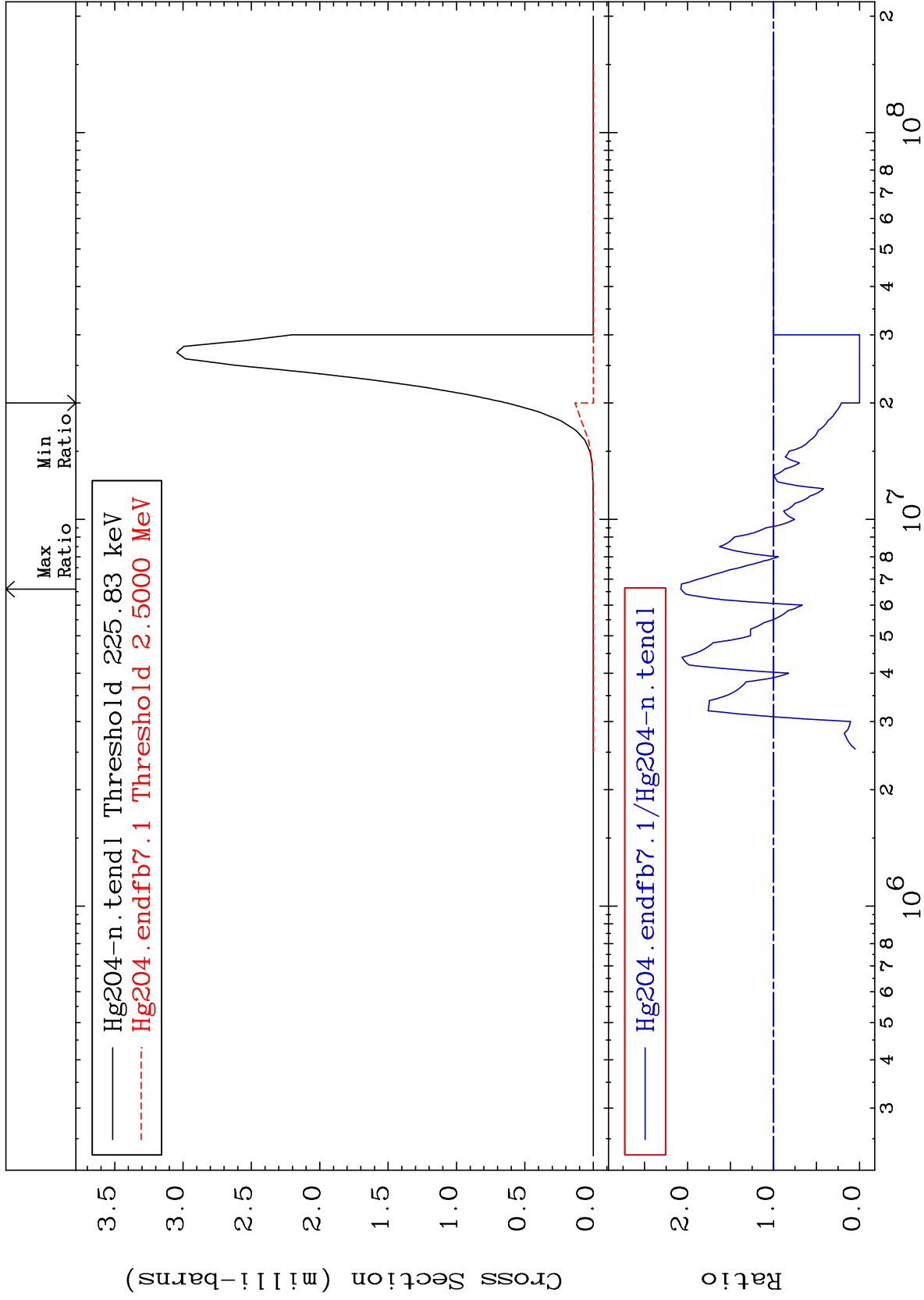
30

Incident Energy (eV)

80-Hg-204

MAT 8049

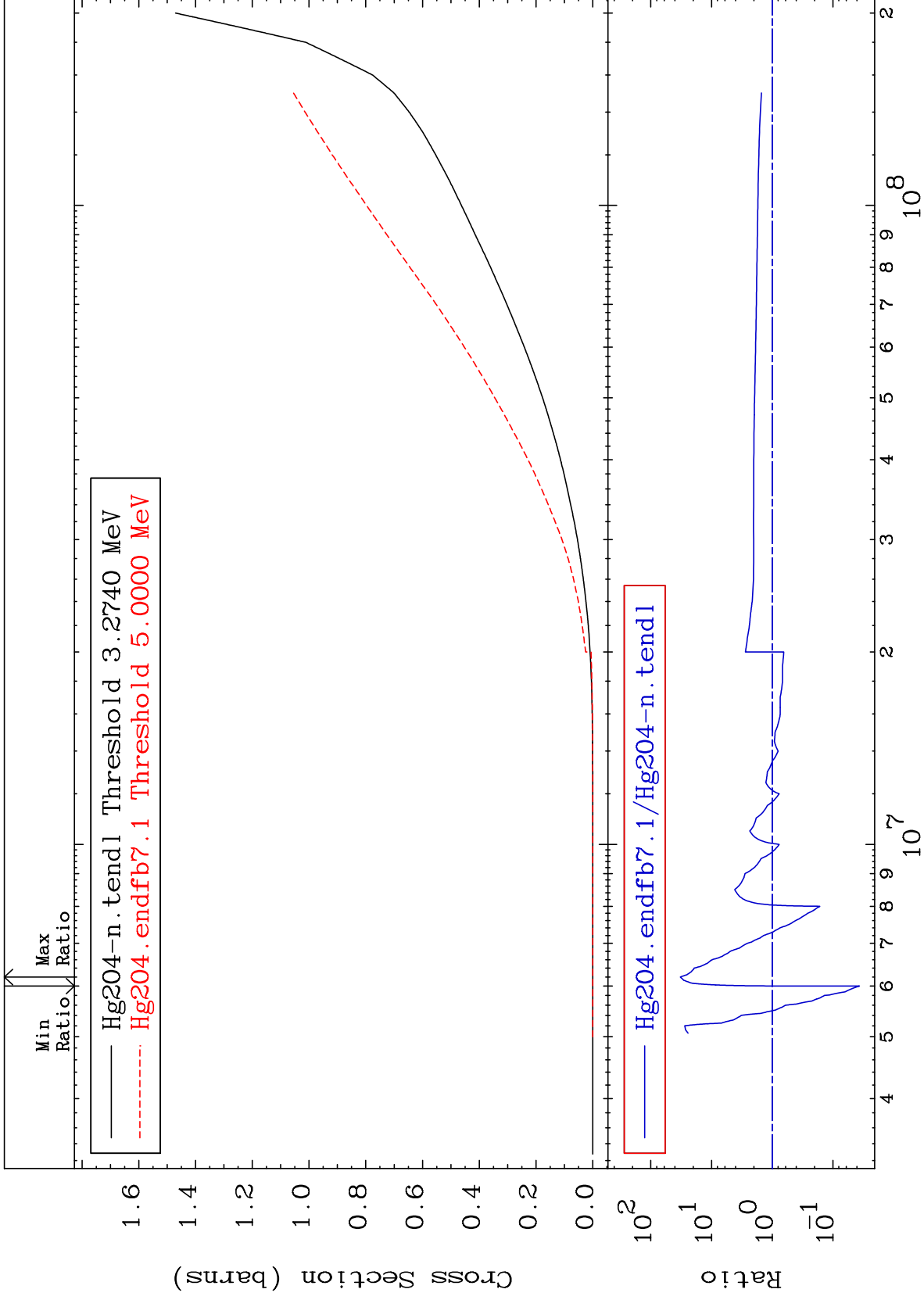
(n, α)
Cross Section
80-Hg-204
-100.0 To 107.9 %



31

Incident Energy (eV)

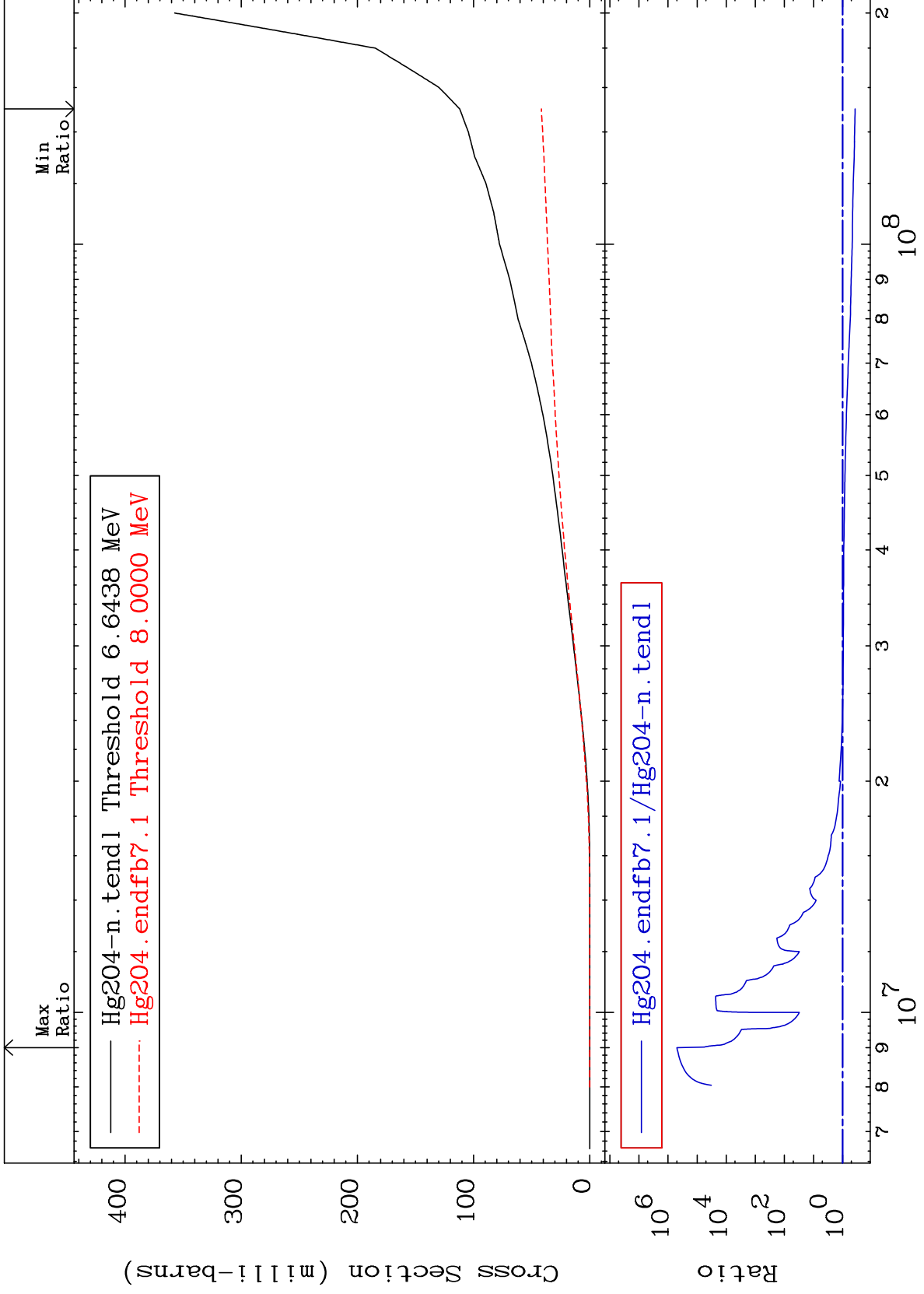
80-Hg-204



MAT 8049

Deuterium Production
Cross Section

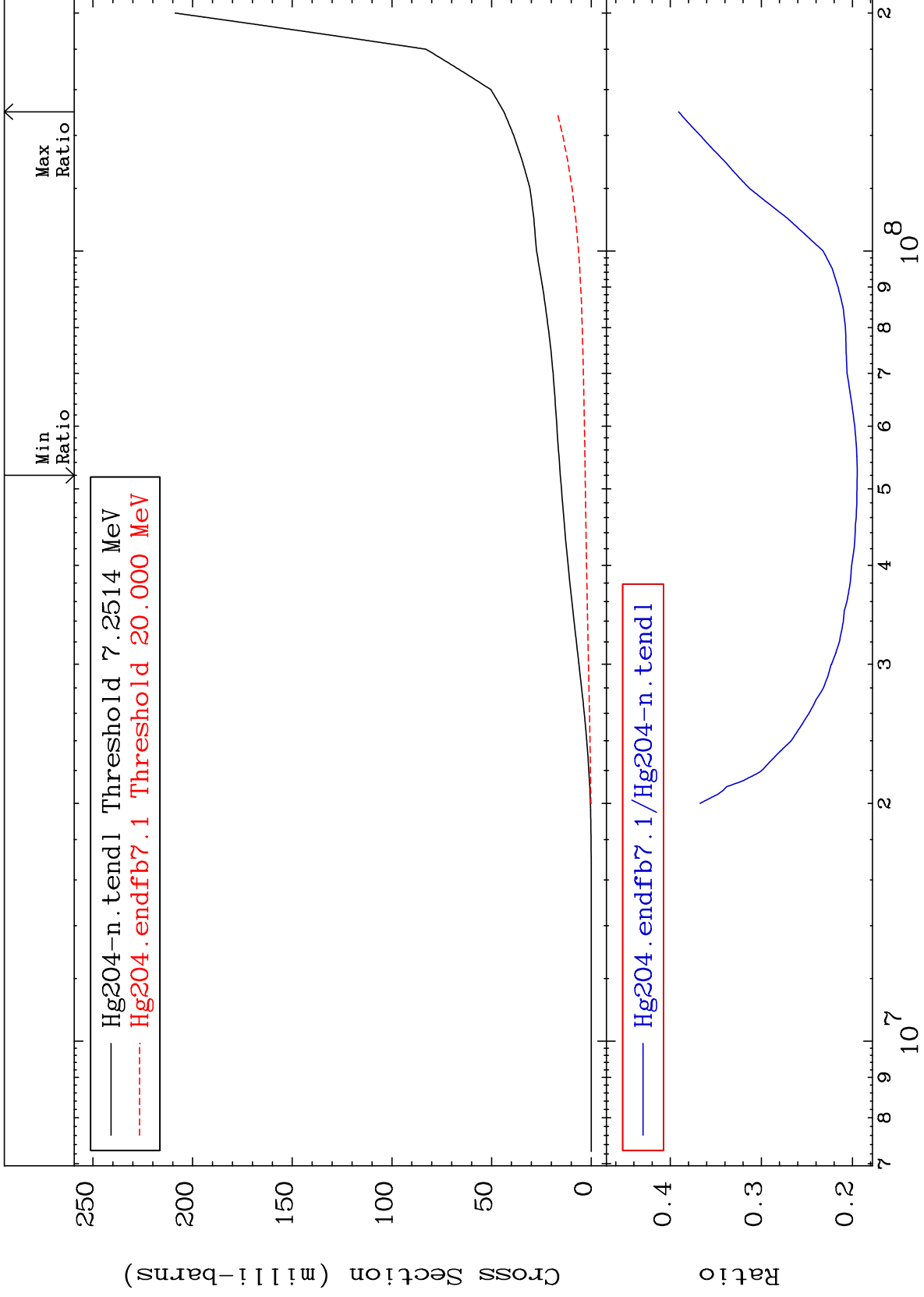
80-Hg-204
-62.79 To 9999. %



MAT 8049

Tritium Production
Cross Section

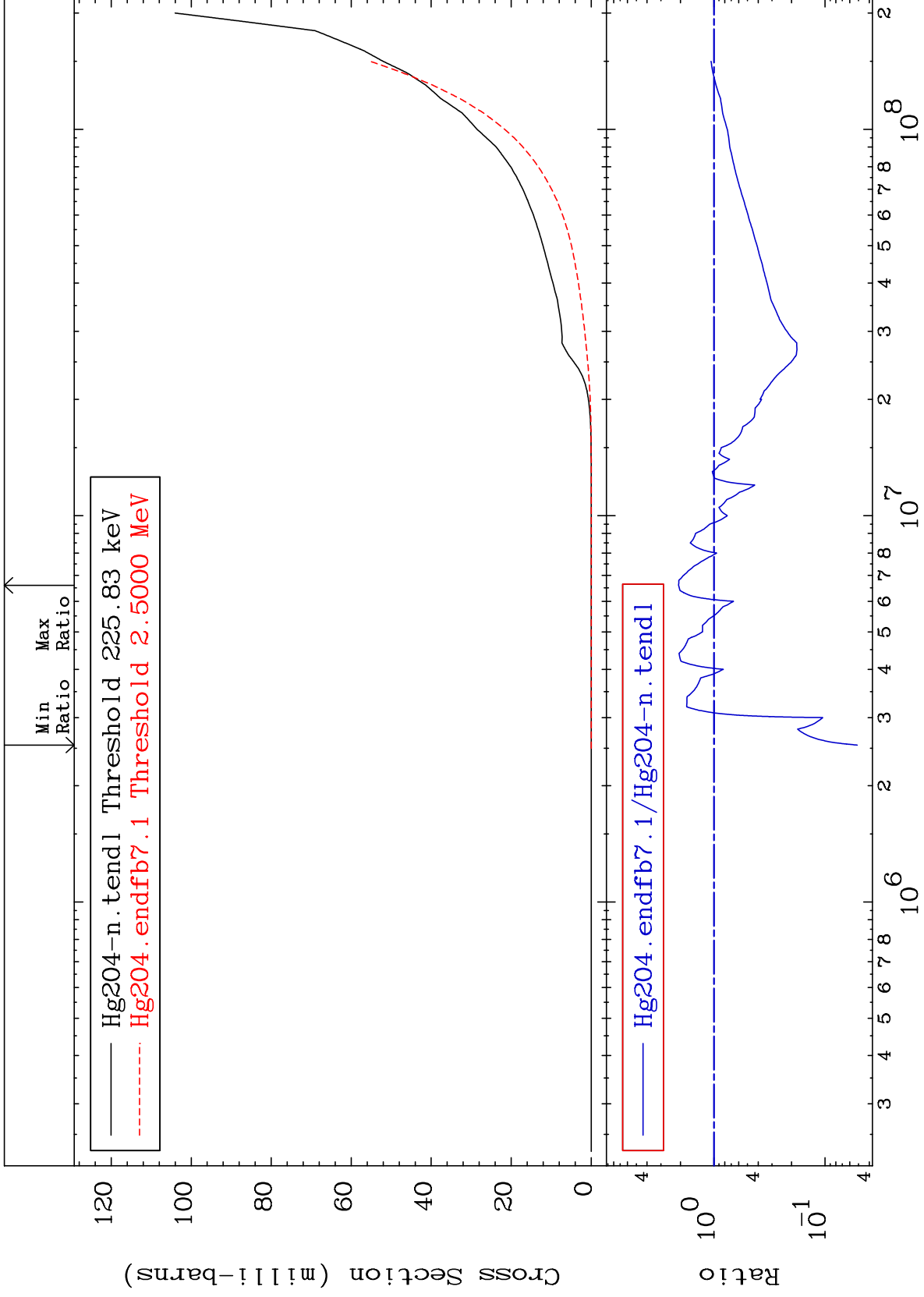
80-Hg-204
-80.53 To -60.91%



MAT 8049

He-4 Production
Cross Section

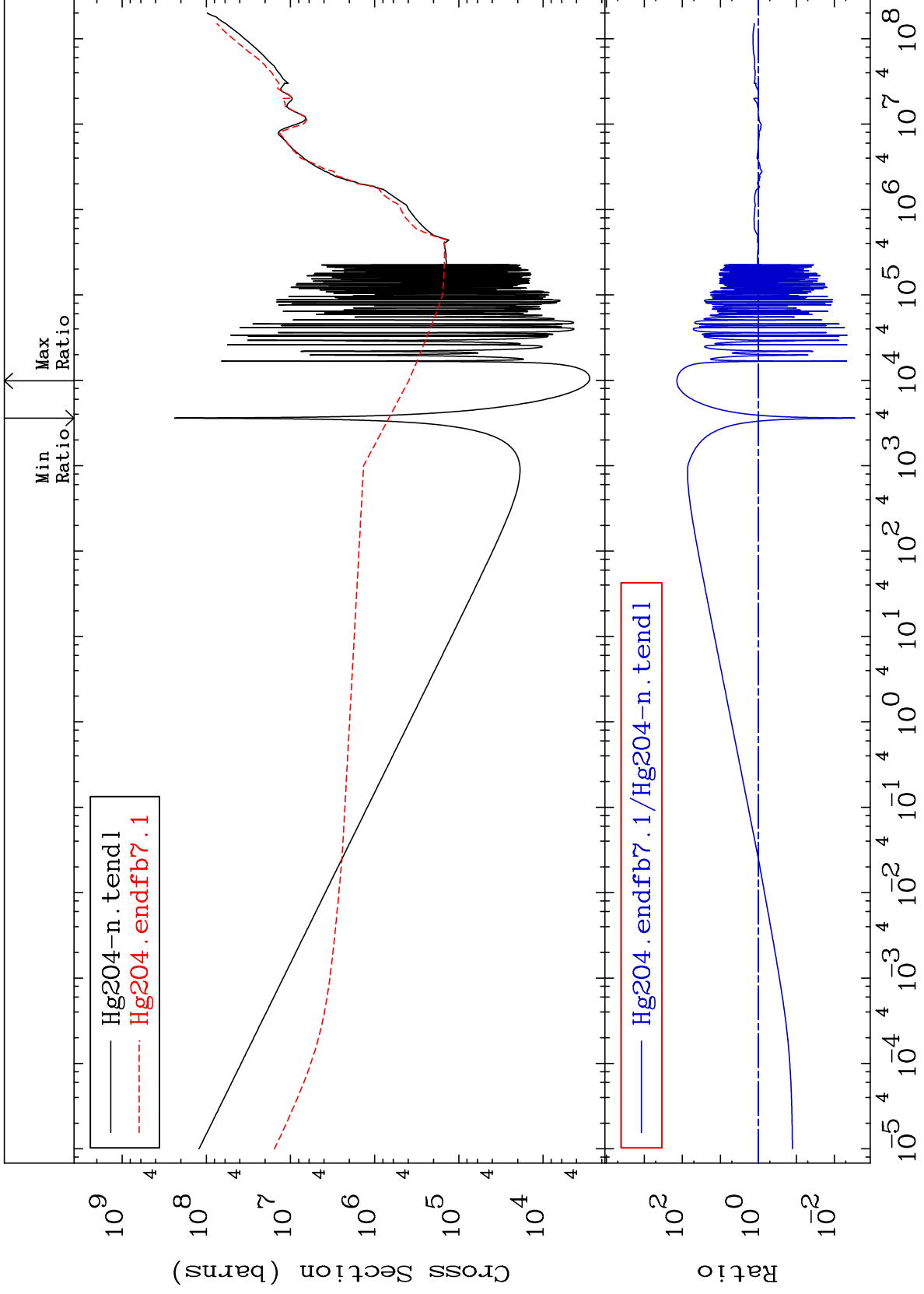
80-Hg-204
-94.87 To 107.9 %



MAT 8049

Kerma total (eV-barns)
Cross Section

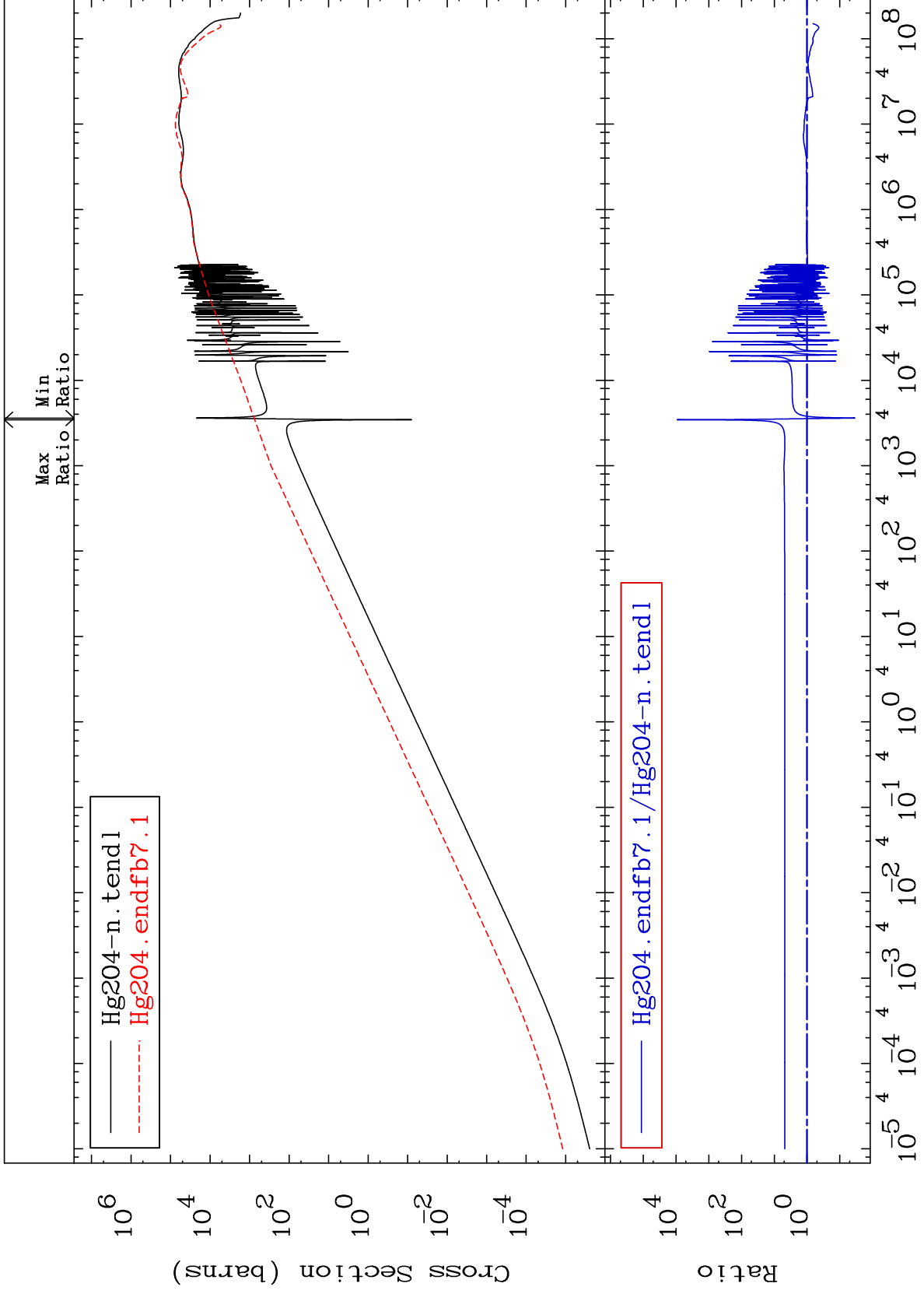
80-Hg-204
-99.72 To 9999. %



MAT 8049

Kerma elastic
Cross Section

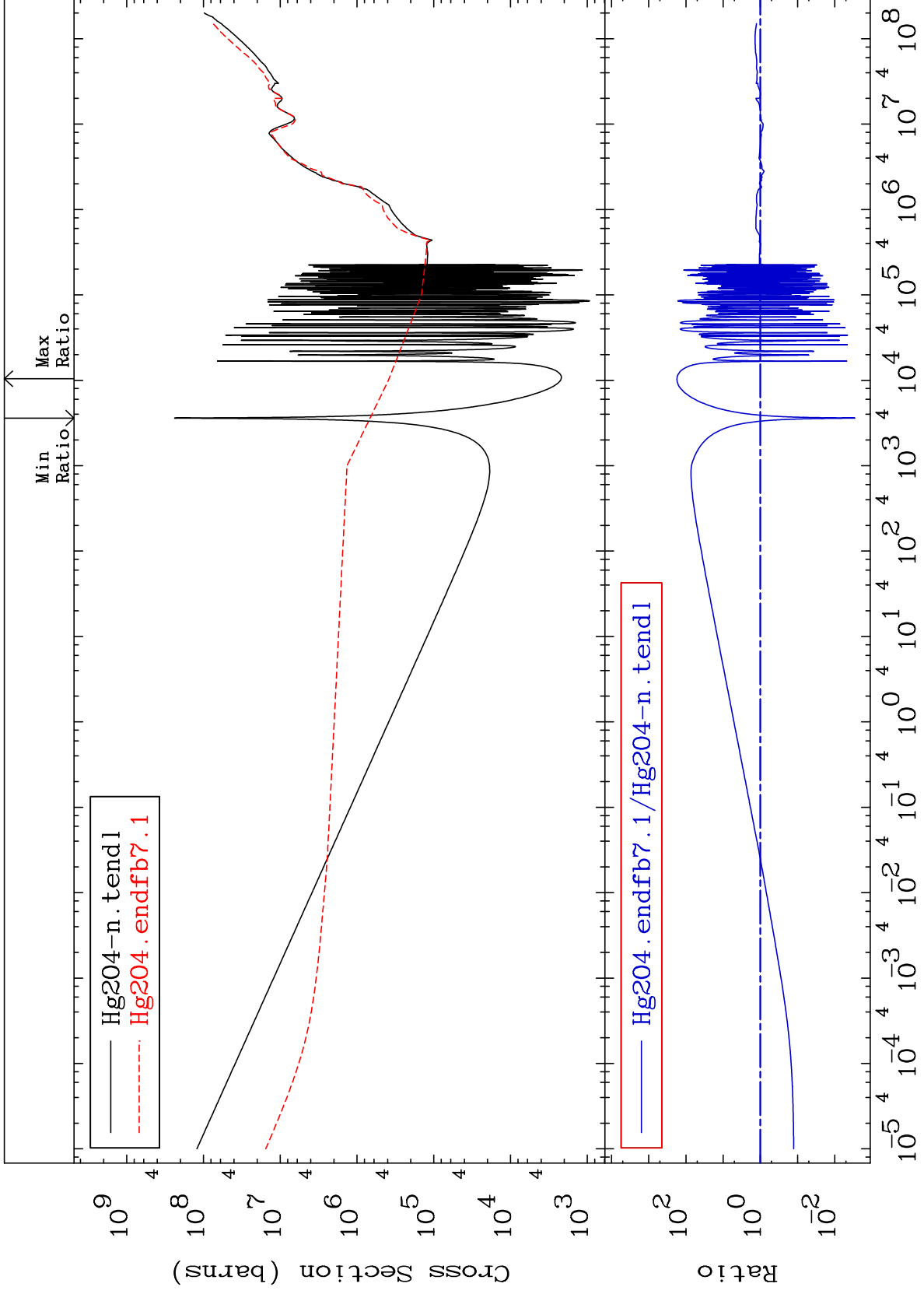
80-Hg-204
-96.58 To 9999. %

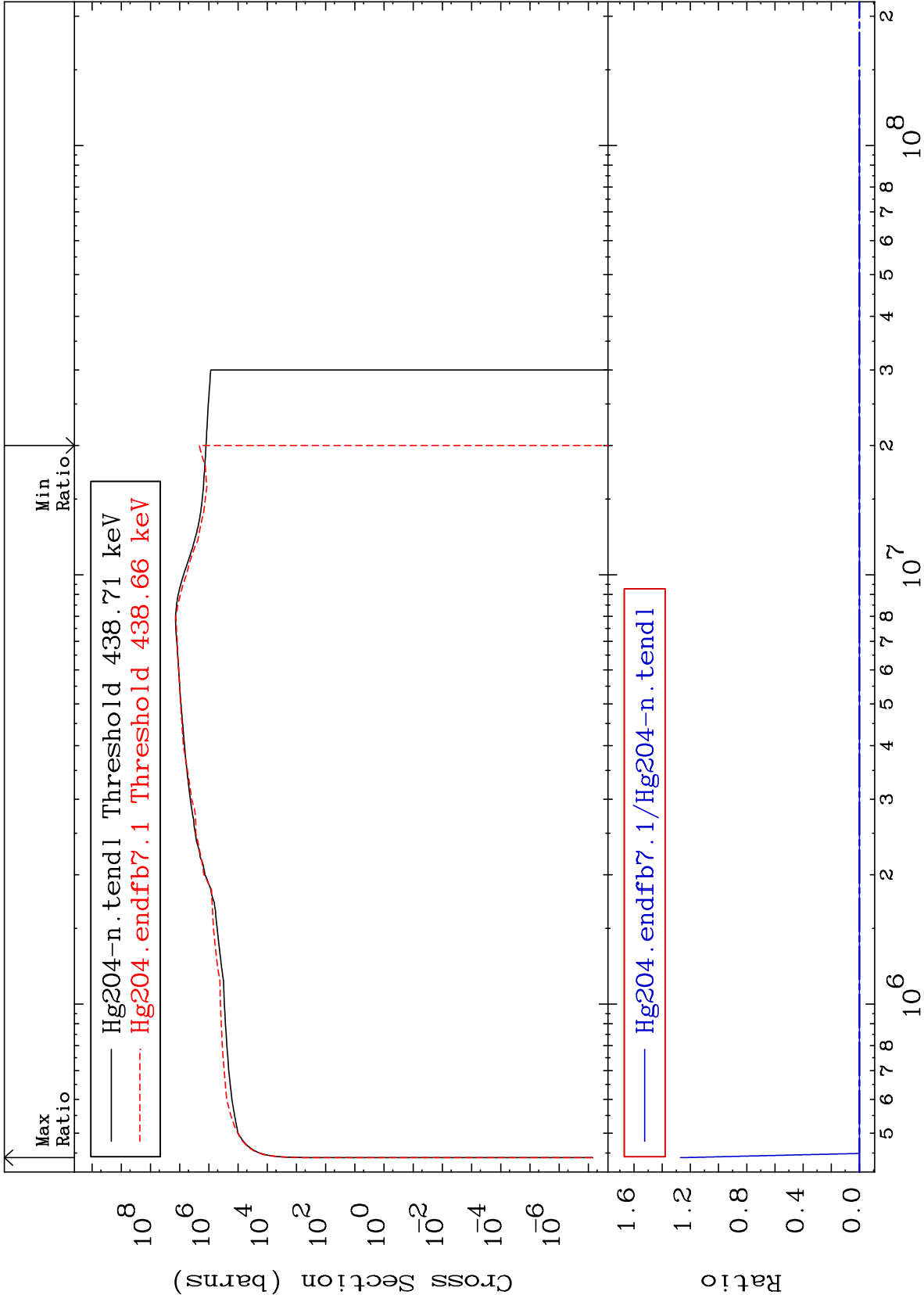


MAT 8049

Kerma non-elastic (all but mt2)
Cross Section

80-Hg-204
-99.72 To 9999. %

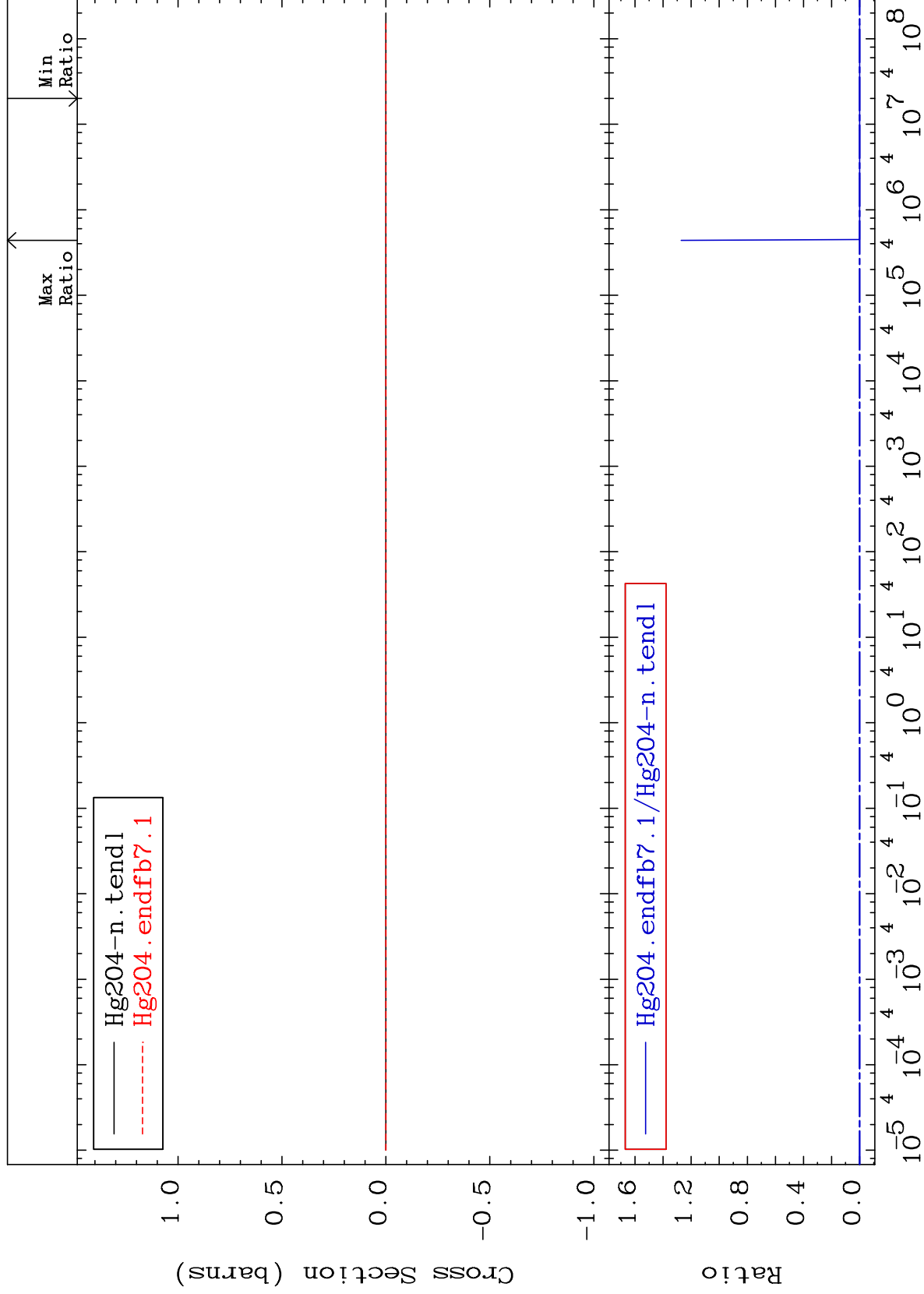




MAT 8049

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

80-Hg-204
-100.0 To 9999. %



40

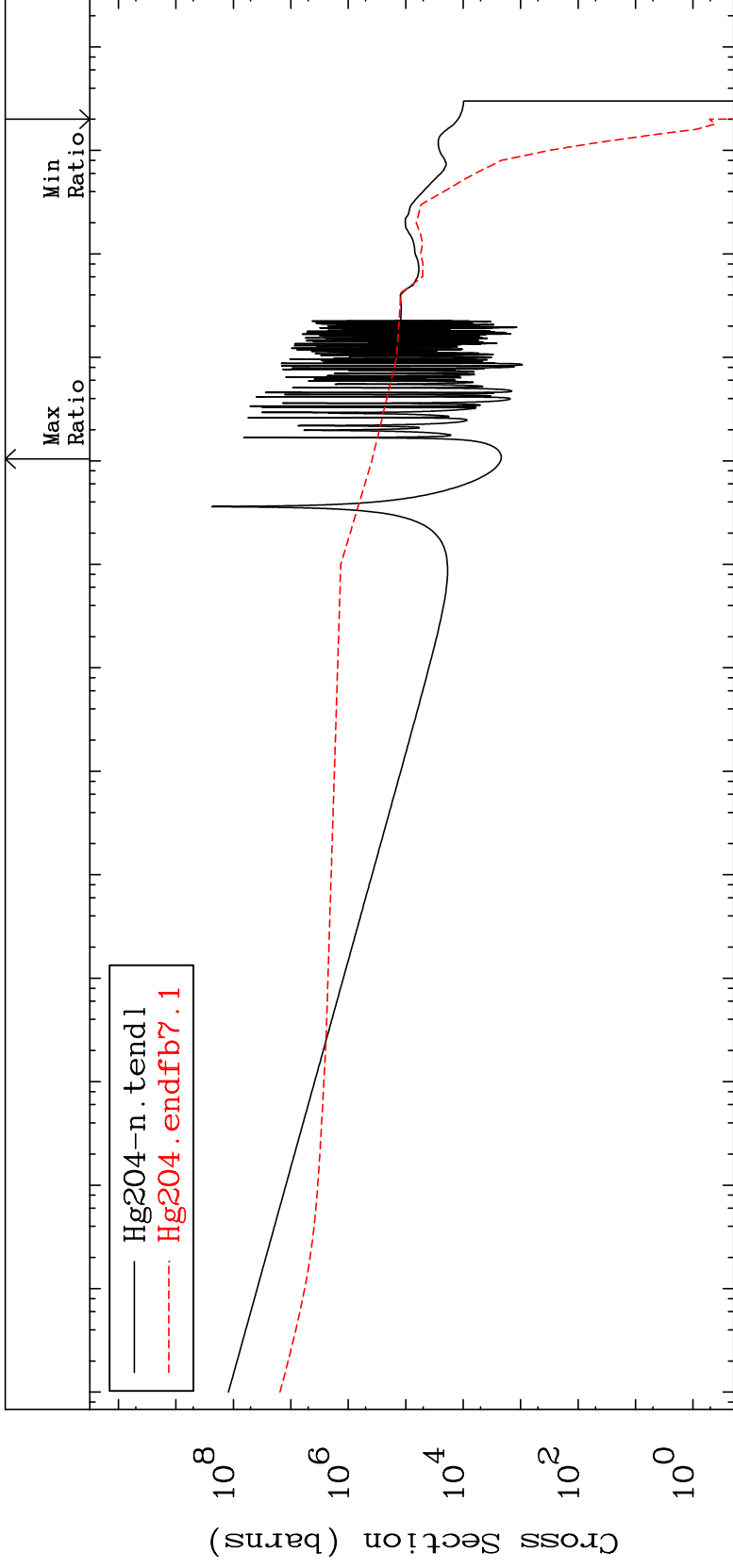
Incident Energy (eV)

80-Hg-204

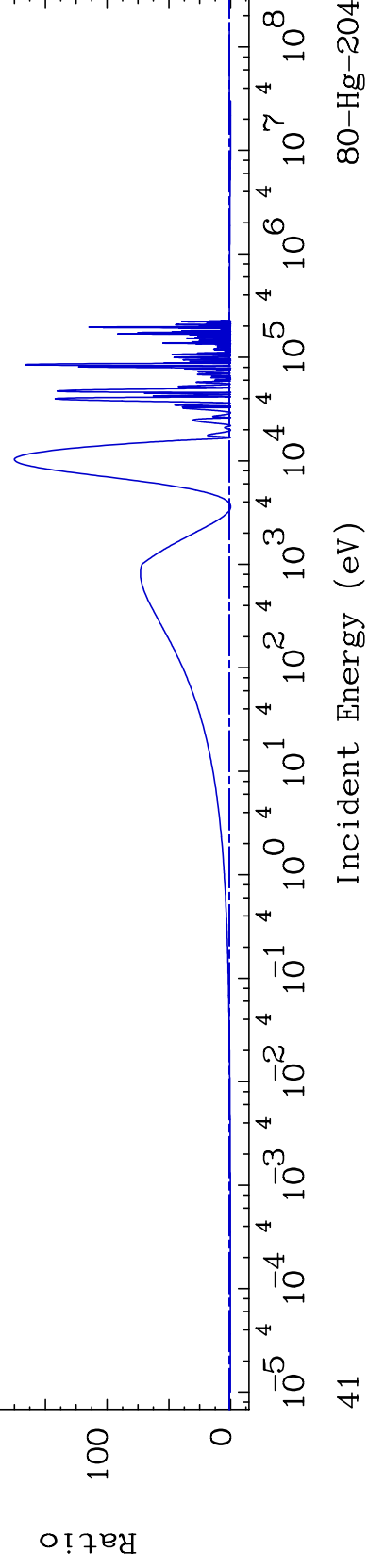
MAT 8049

Kerma capture (mt102)
Cross Section

80-Hg-204
-100.0 To 9999. %



Hg204.endfb7.1/Hg204-n.tendl



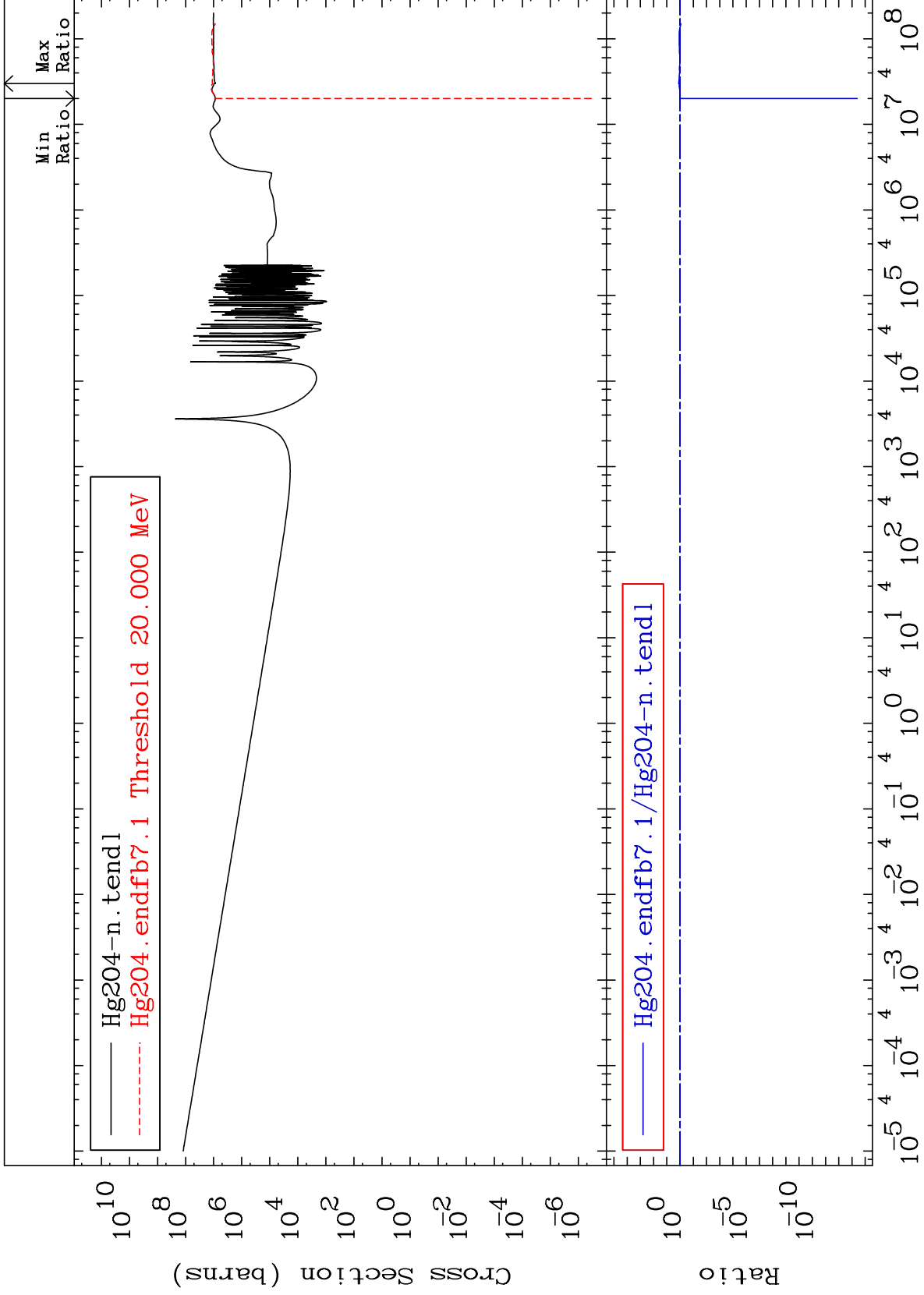
41

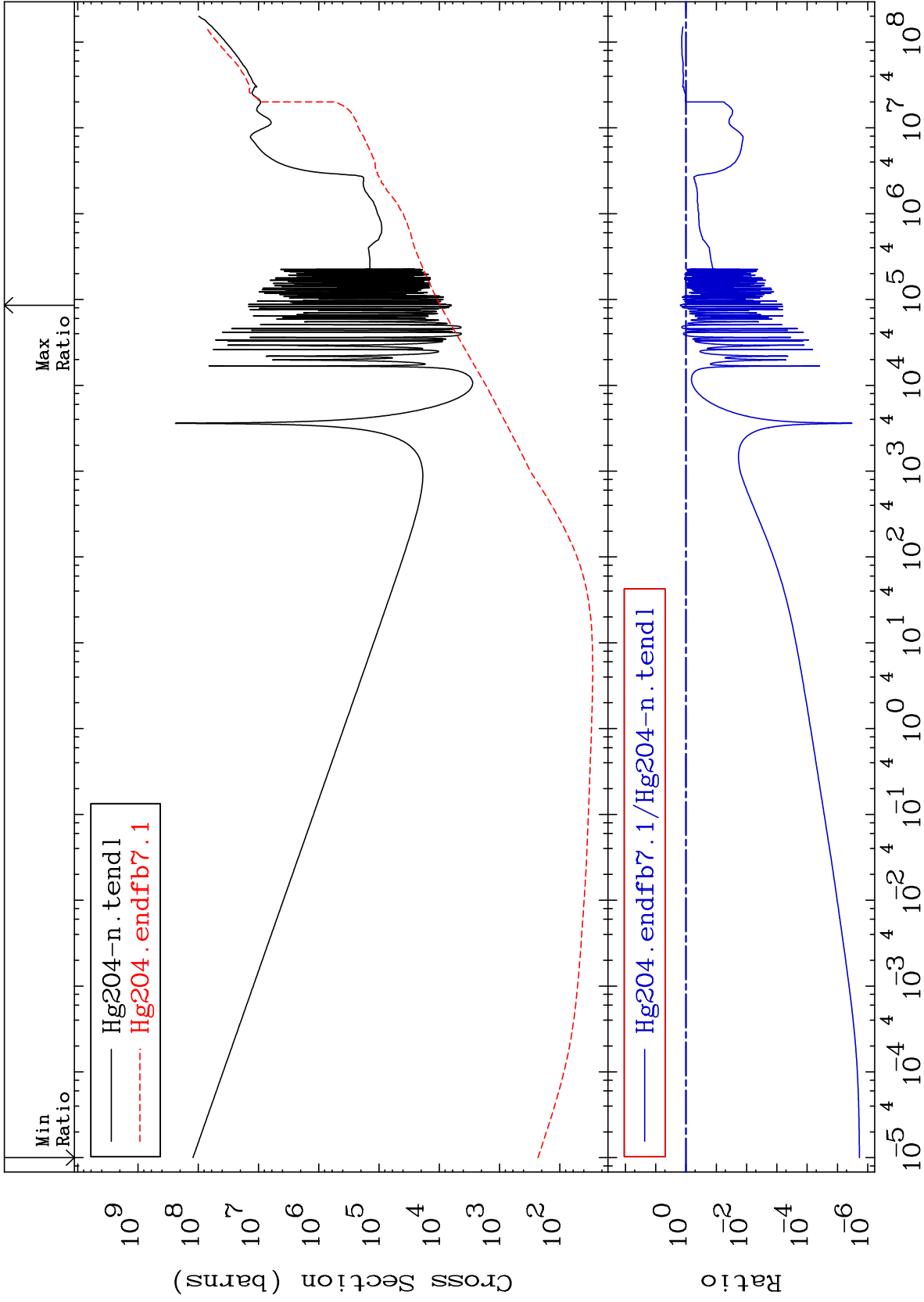
80-Hg-204

MAT 8049

Total photon (eV-barns)
Cross Section

80-Hg-204
-100.0 To 27.43 %

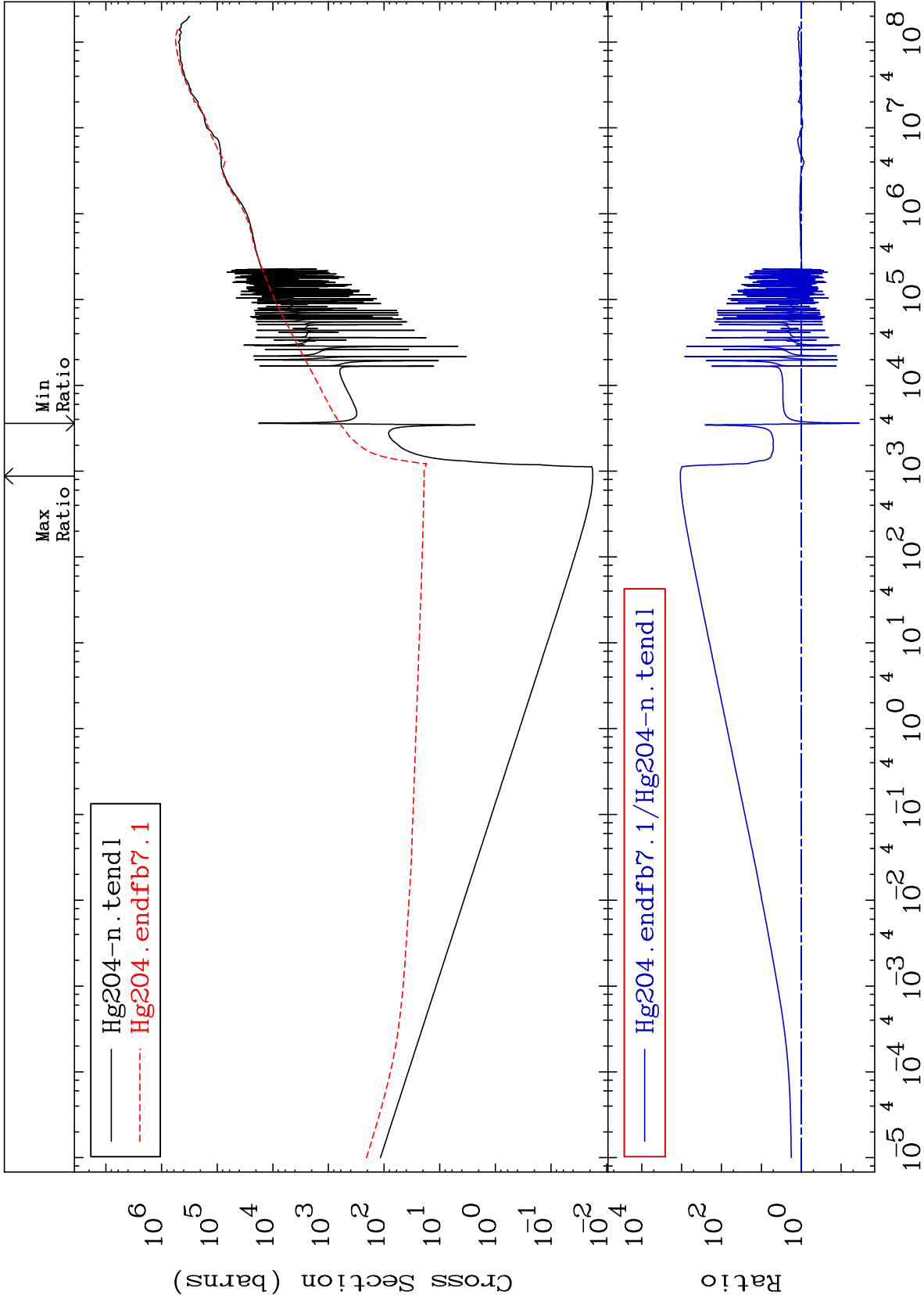




MAT 8049

Dpa total (eV-barns)
Cross Section

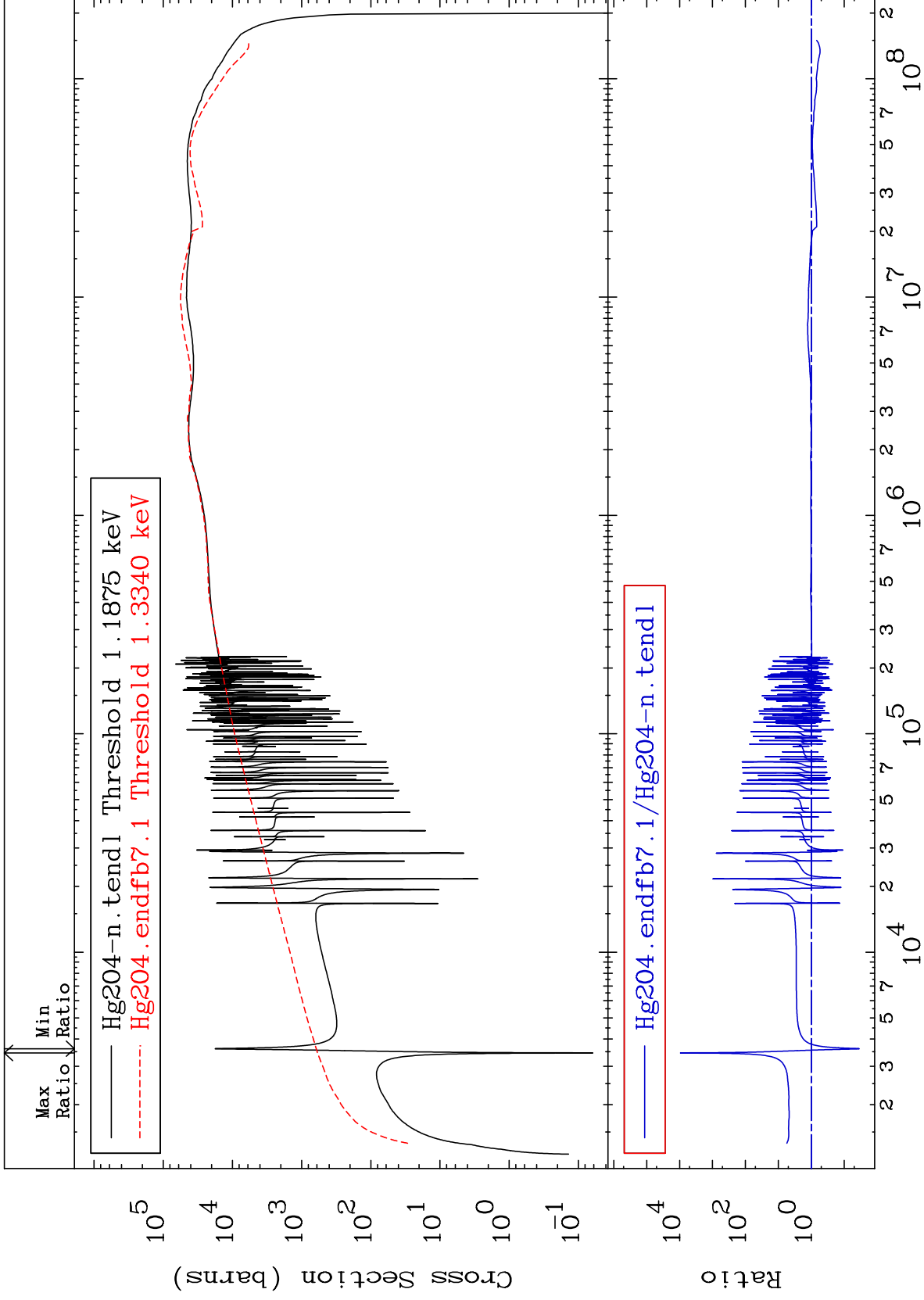
80-Hg-204
-96.53 To 9999. %



MAT 8049

Dpa elastic (mt2)
Cross Section

80-Hg-204
-96.55 To 9999. %



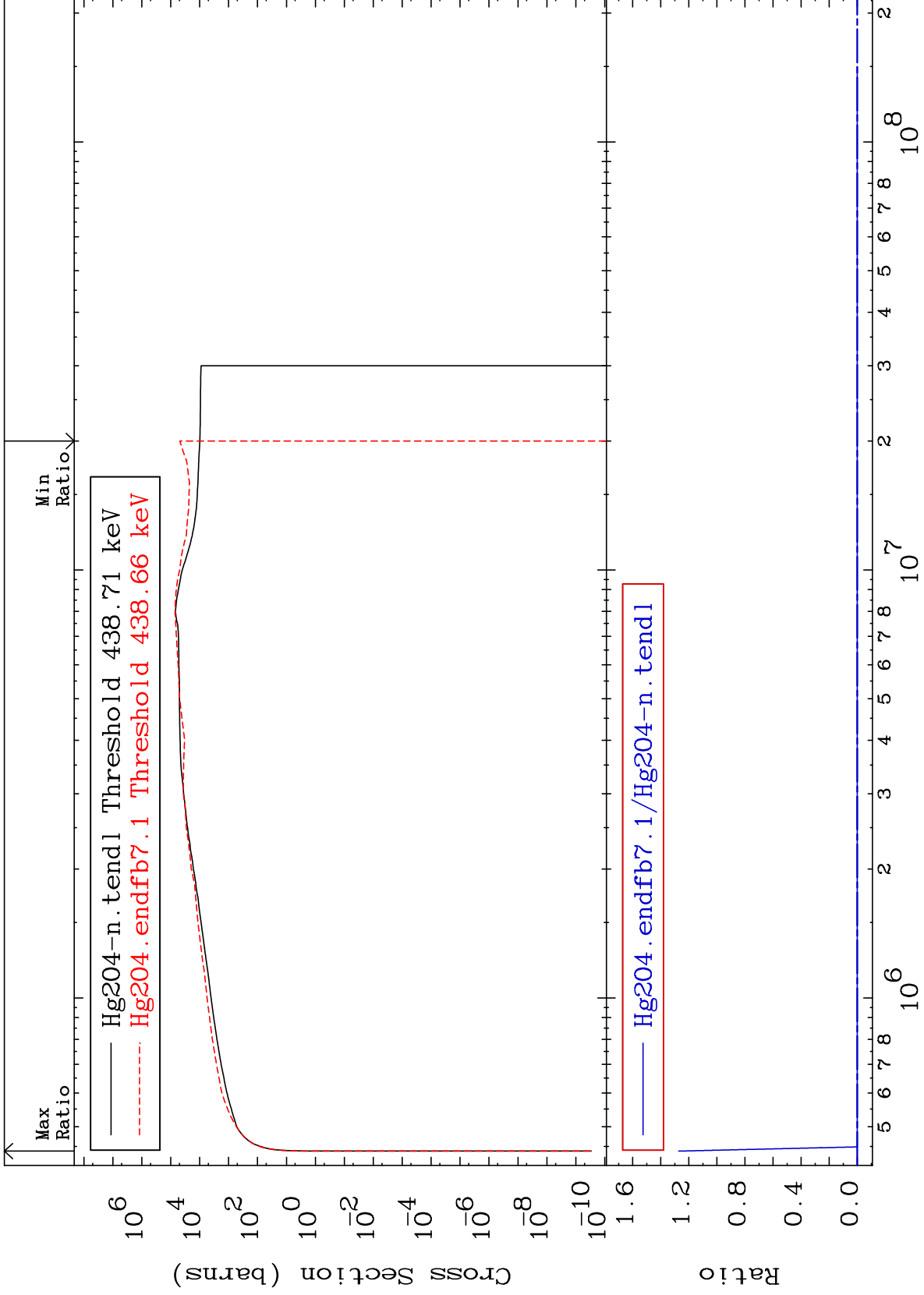
45

80-Hg-204

MAT 8049

Dpa inelastic (mt51-91)
Cross Section

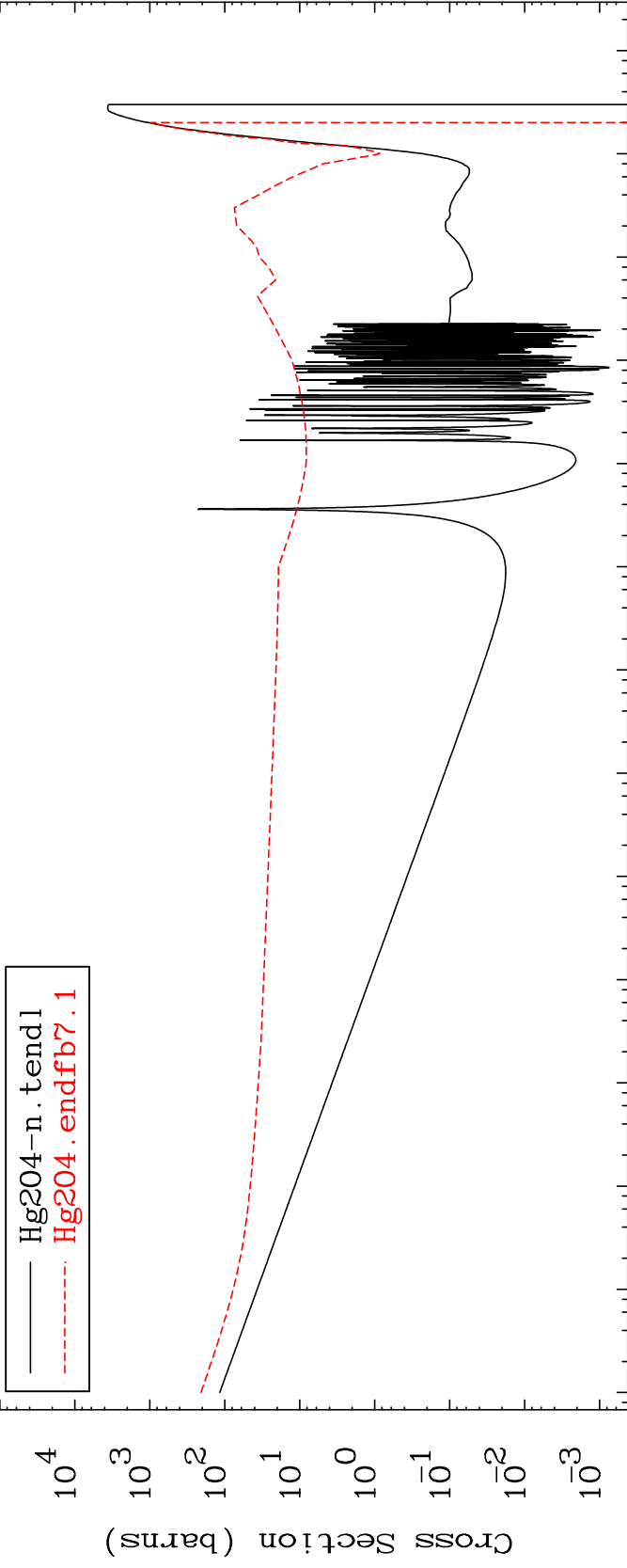
80-Hg-204
-100.0 To 9999. %



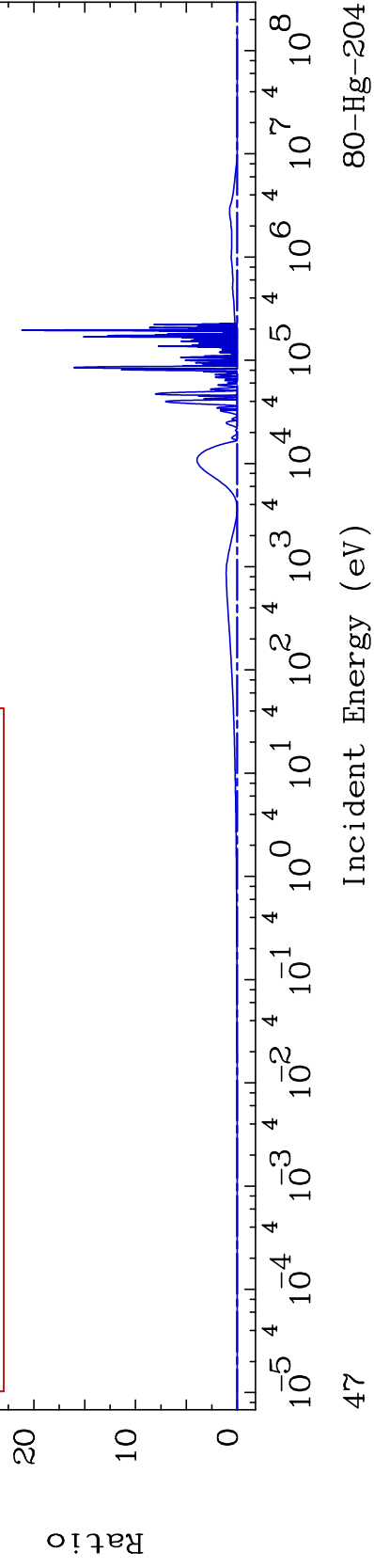
MAT 8049

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-204
-100.0 To 9999. %



Hg204.endfb7.1/Hg204-n.tendl



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80-Hg-204