

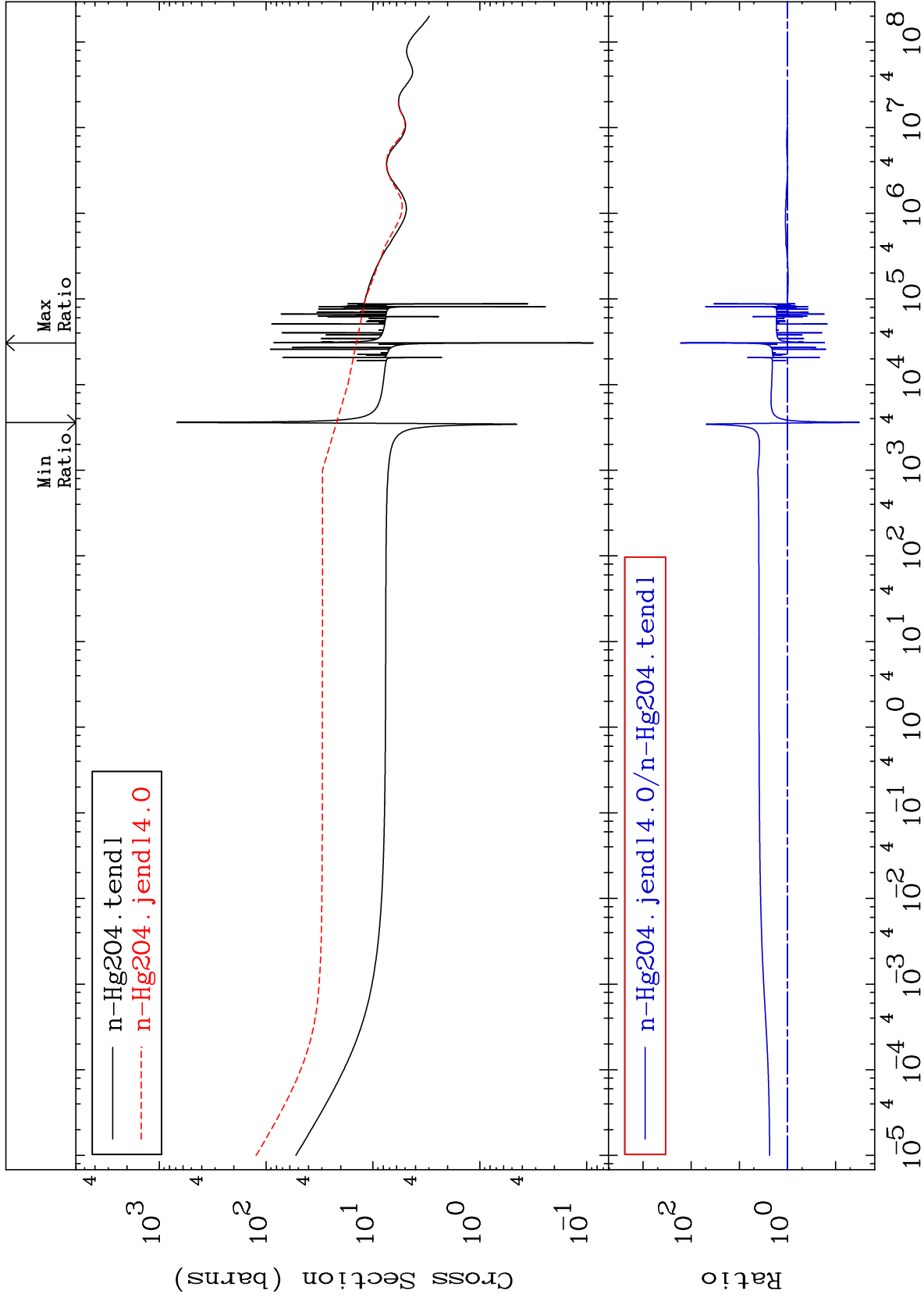
MAT 8049

Total

80-Hg-204

Cross Section

-96.81 To 9999. %



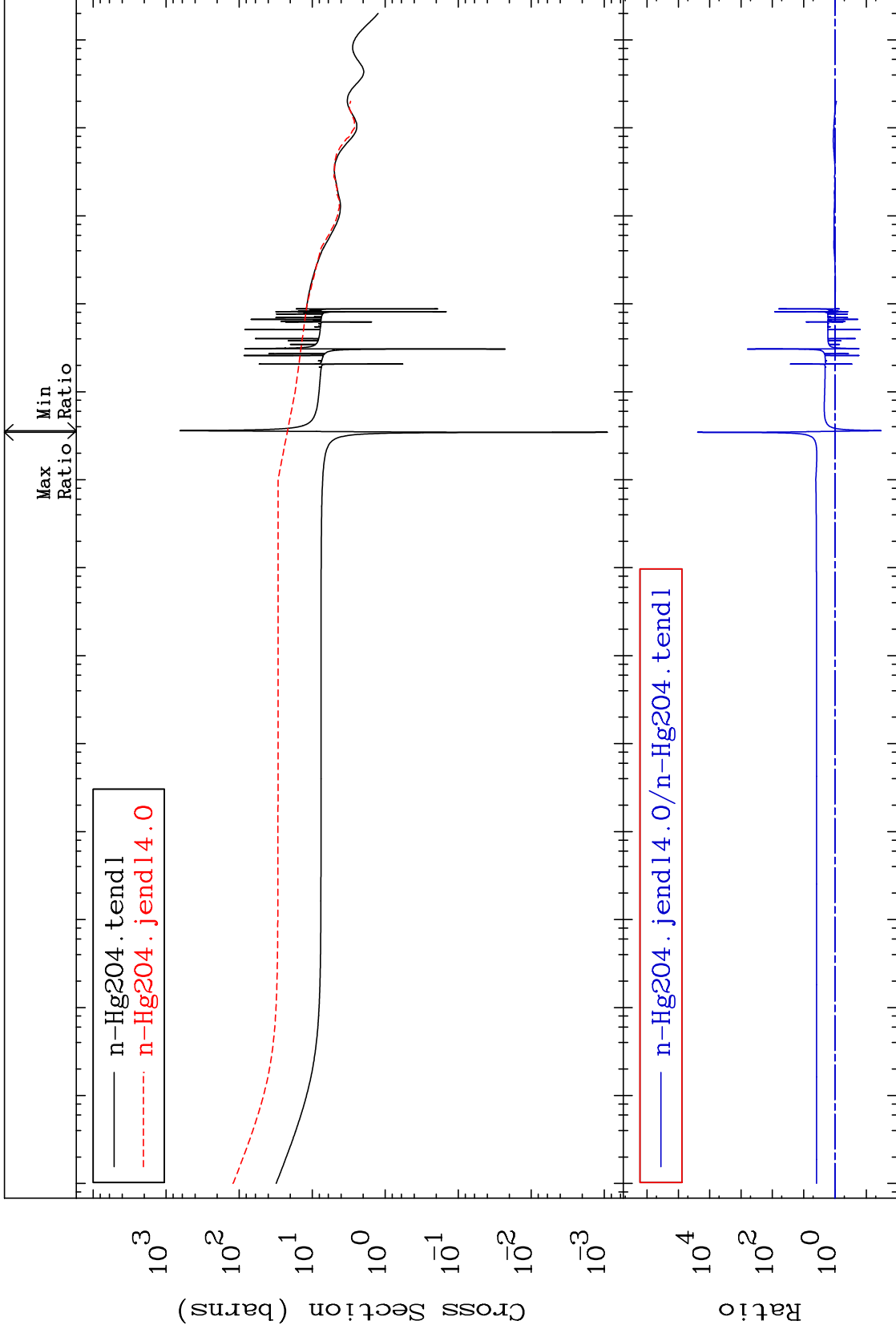
Incident Energy (eV)

80-Hg-204

MAT 8049

Elastic
Cross Section

80-Hg-204
-96.64 To 9999. %



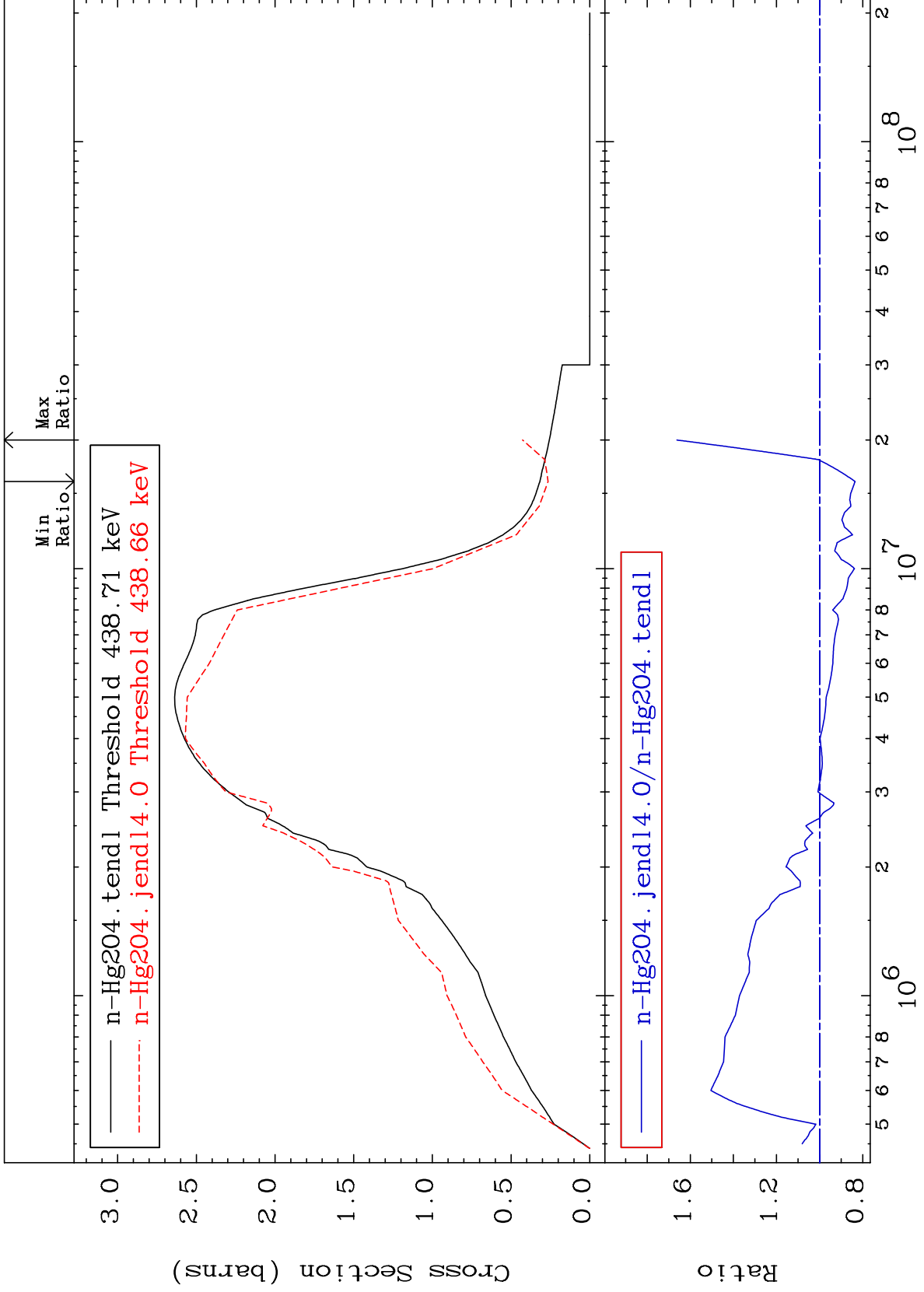
— n-Hg204.tendl
- - - n-Hg204.jendl4.0

— n-Hg204.jendl4.0/n-Hg204.tendl

MAT 8049

Inelastic
Cross Section

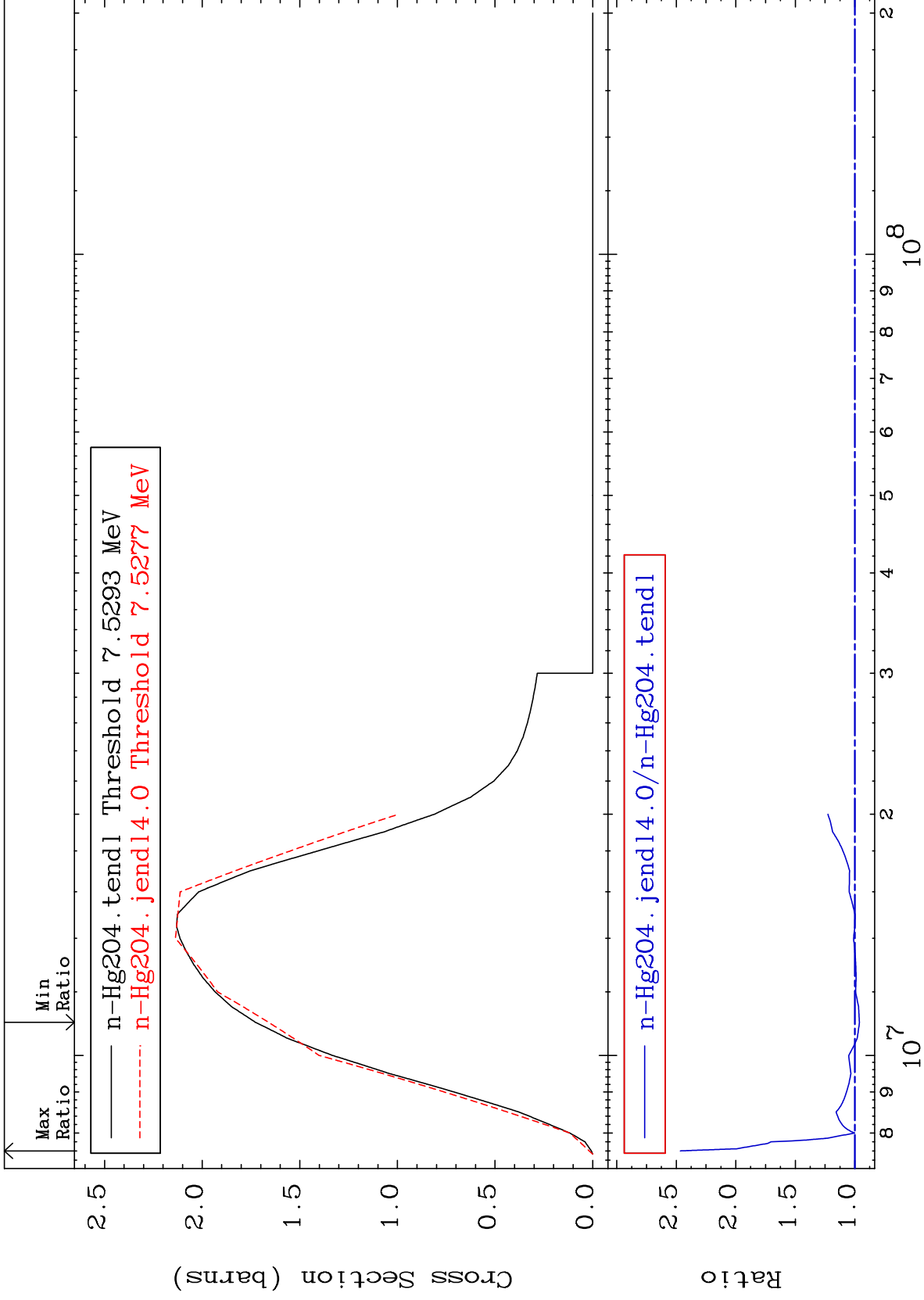
80-Hg-204
-16.48 To 66.20 %



MAT 8049

(n,2n)
Cross Section

80-Hg-204
-3.865 To 146.6 %



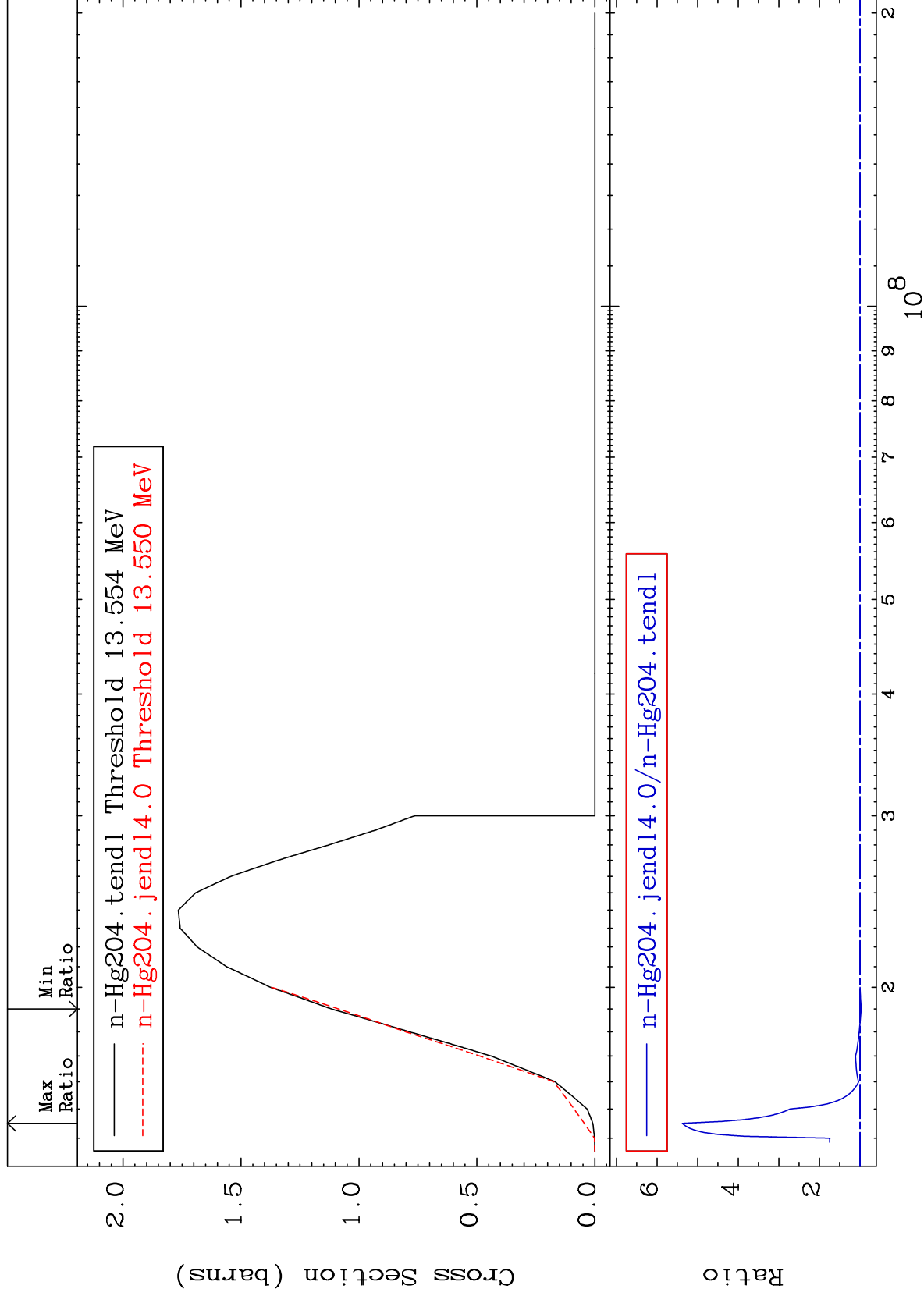
4

80-Hg-204

MAT 8049

(n,3n)
Cross Section

80-Hg-204
-2.733 To 437.8 %



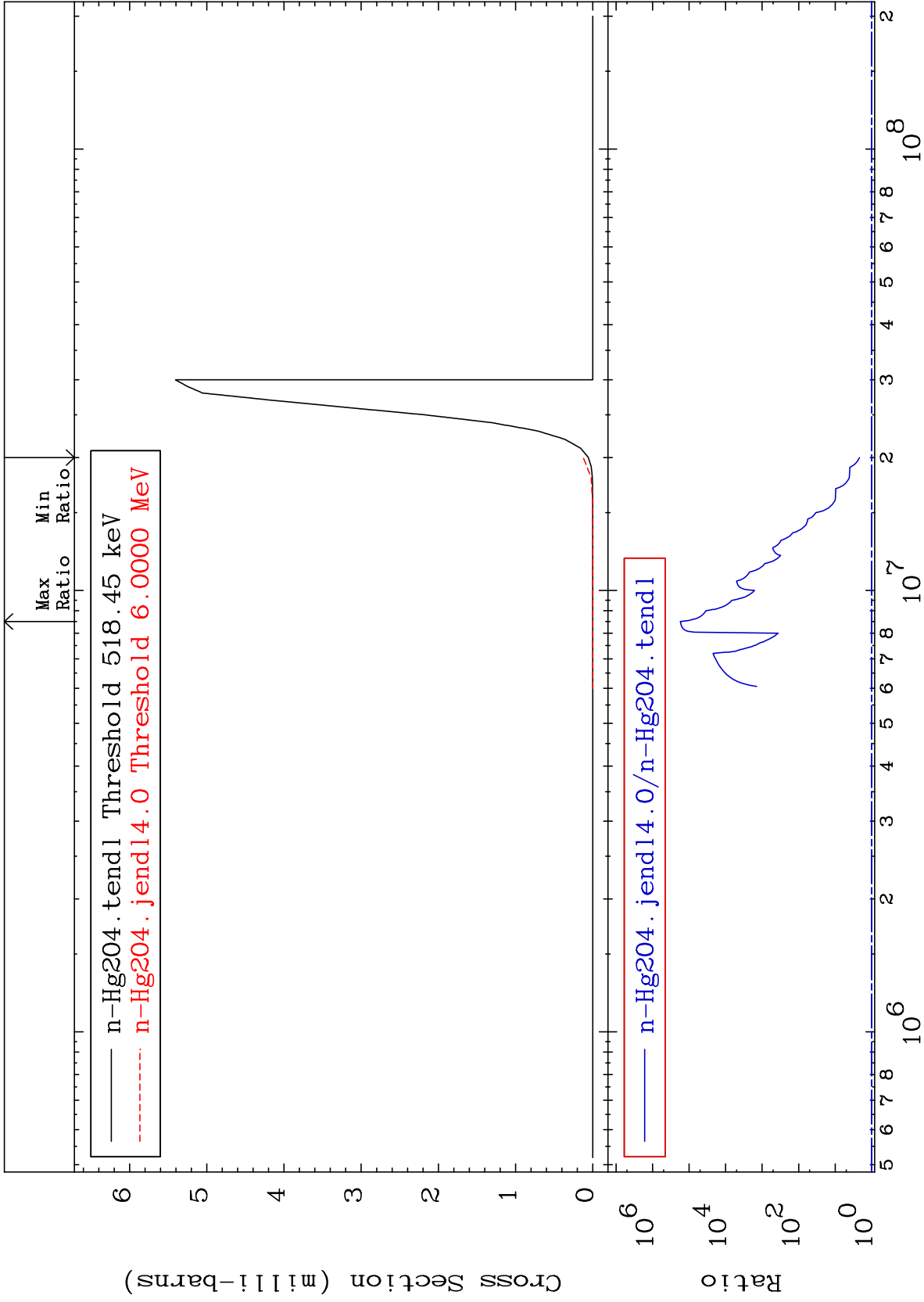
5

80-Hg-204

80-Hg-204

MAT 8049

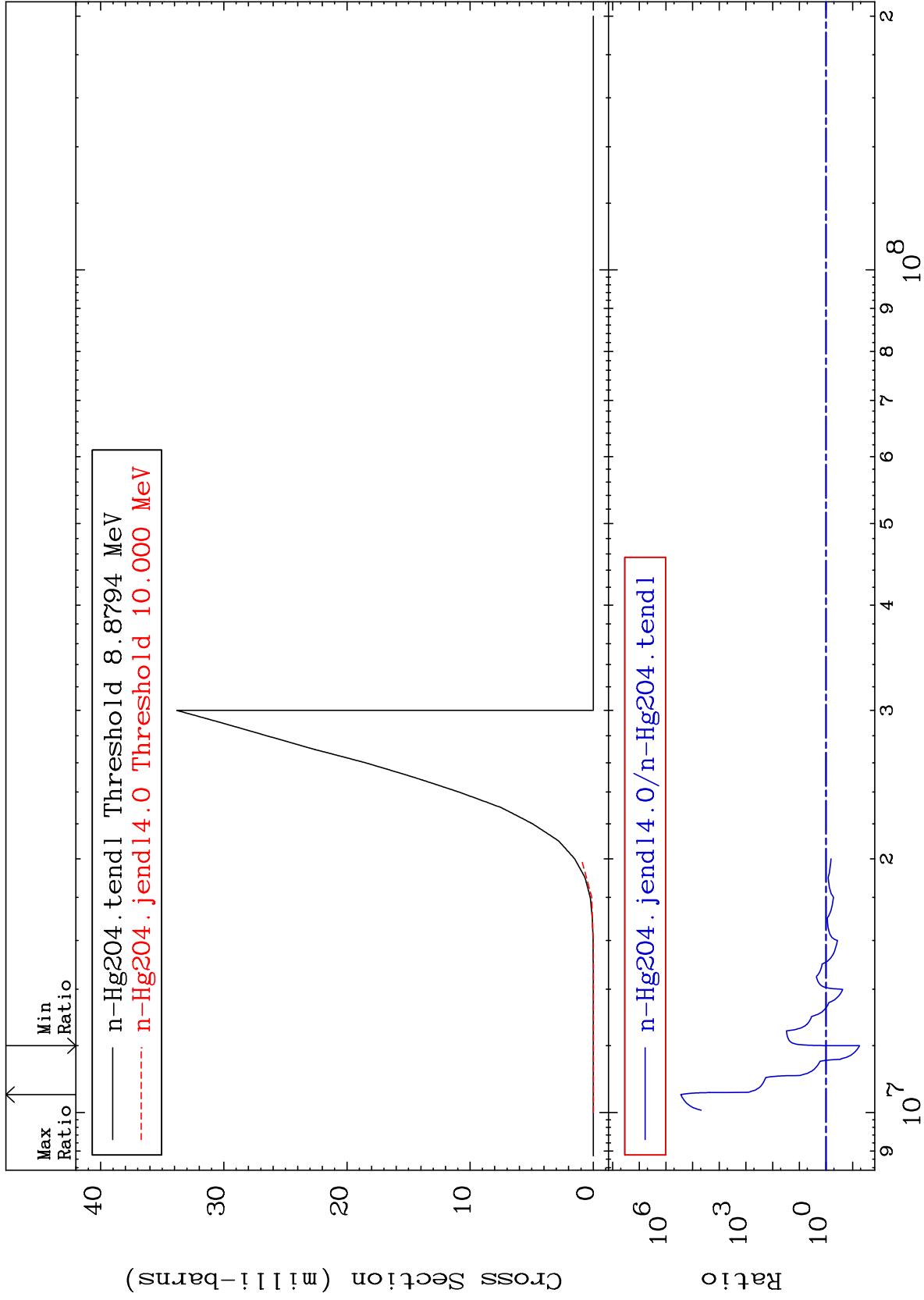
$(n, n') \alpha$
Cross Section
80-Hg-204
117.1 To 9999. %



MAT 8049

(n,n') p
Cross Section

80-Hg-204
-94.50 To 9999. %



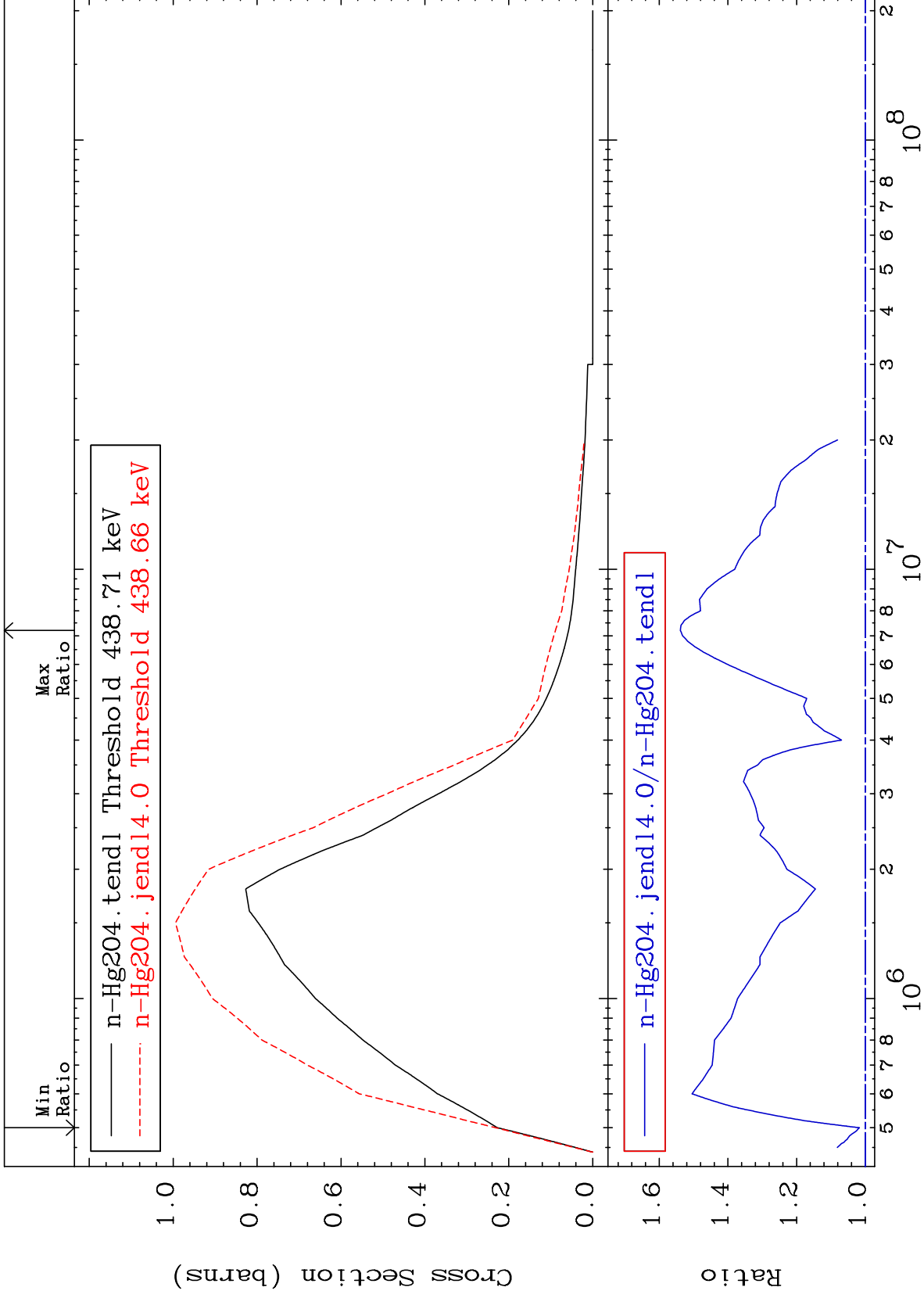
80-Hg-204

80-Hg-204

MAT 8049

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

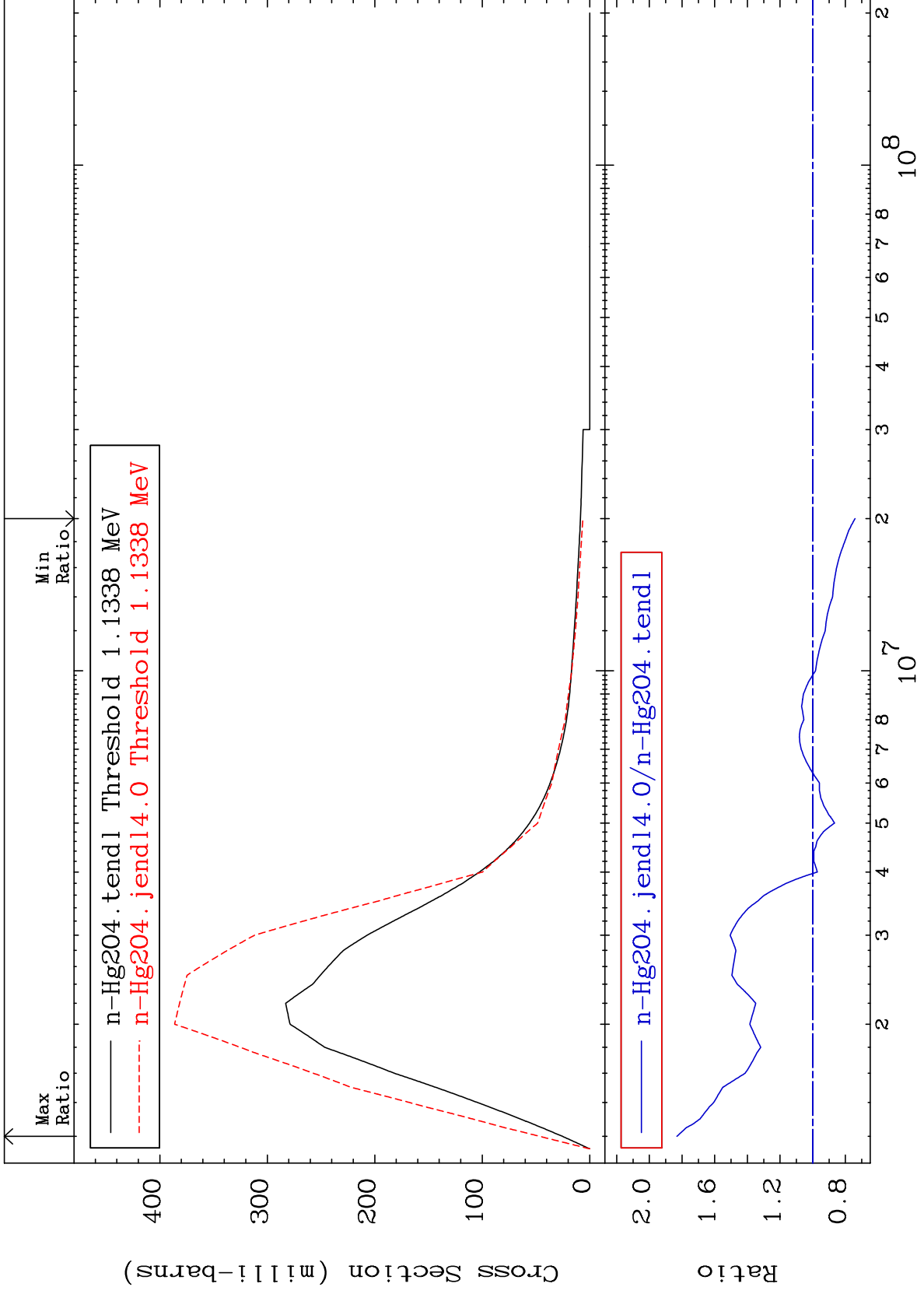
80-Hg-204
1.684 To 53.86 %



MAT 8049

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

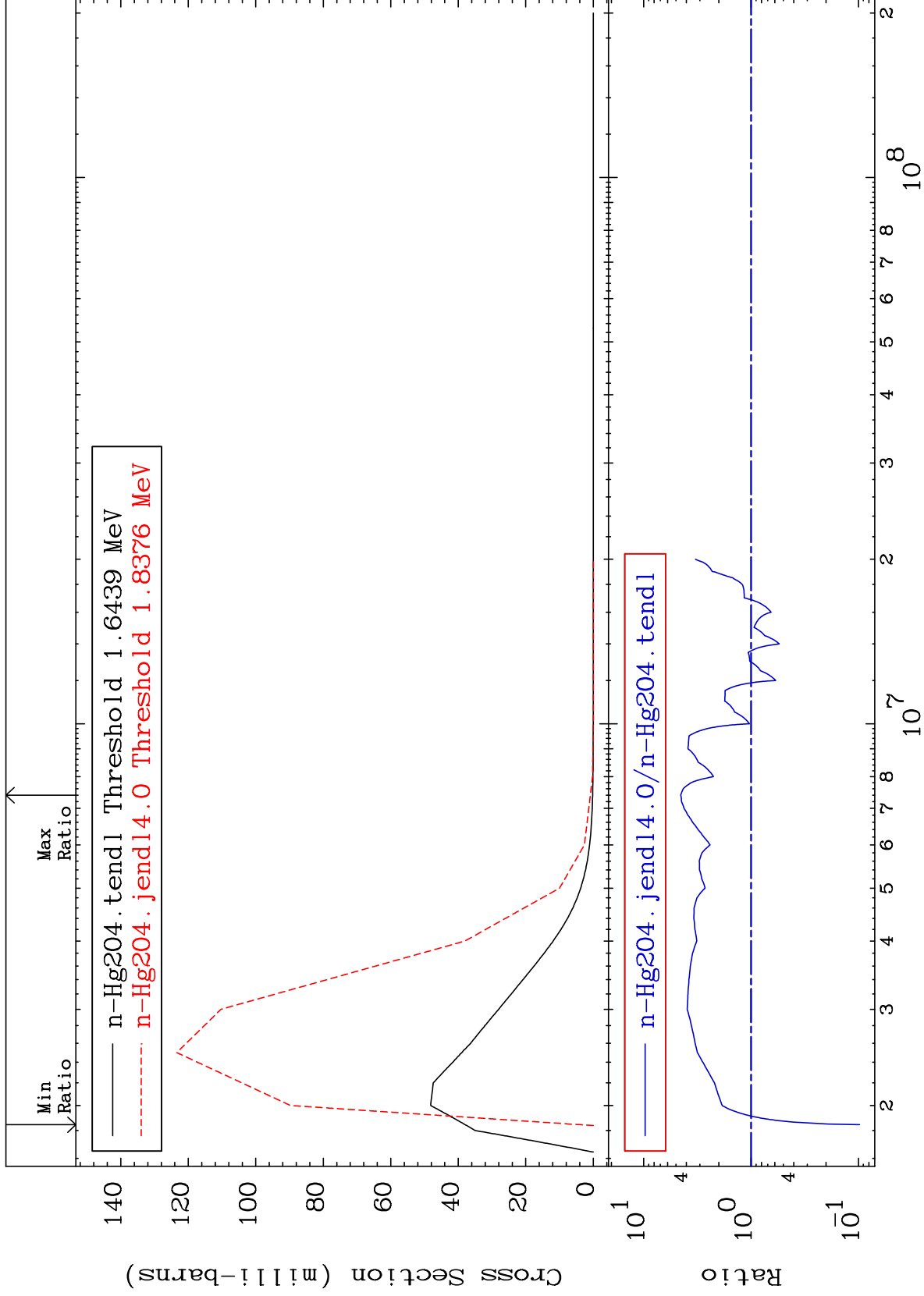
80-Hg-204
-25.92 To 83.13 %



MAT 8049

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

80-Hg-204
-90.24 To 351.6 %



10

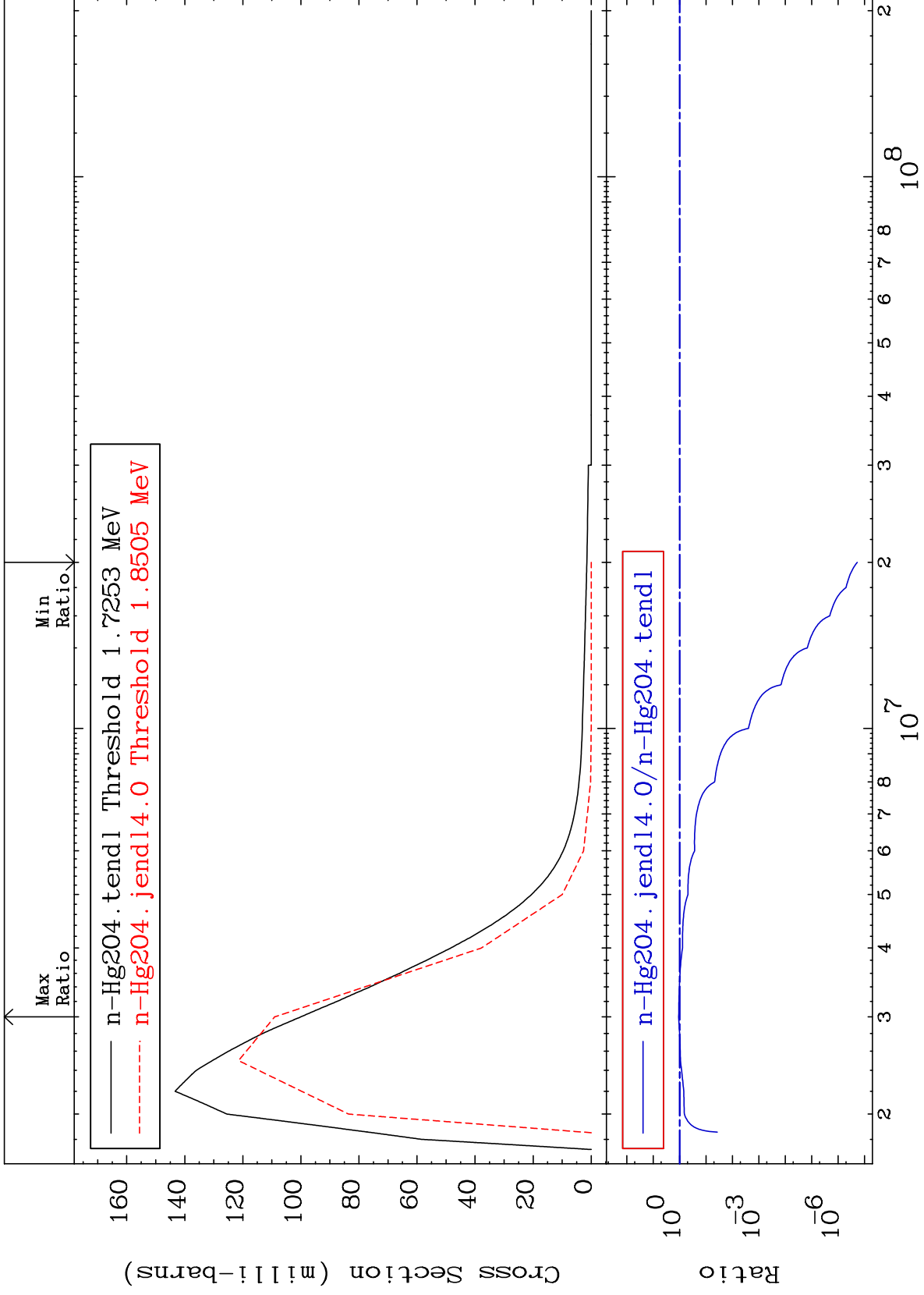
Incident Energy (eV)

80-Hg-204

MAT 8049

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

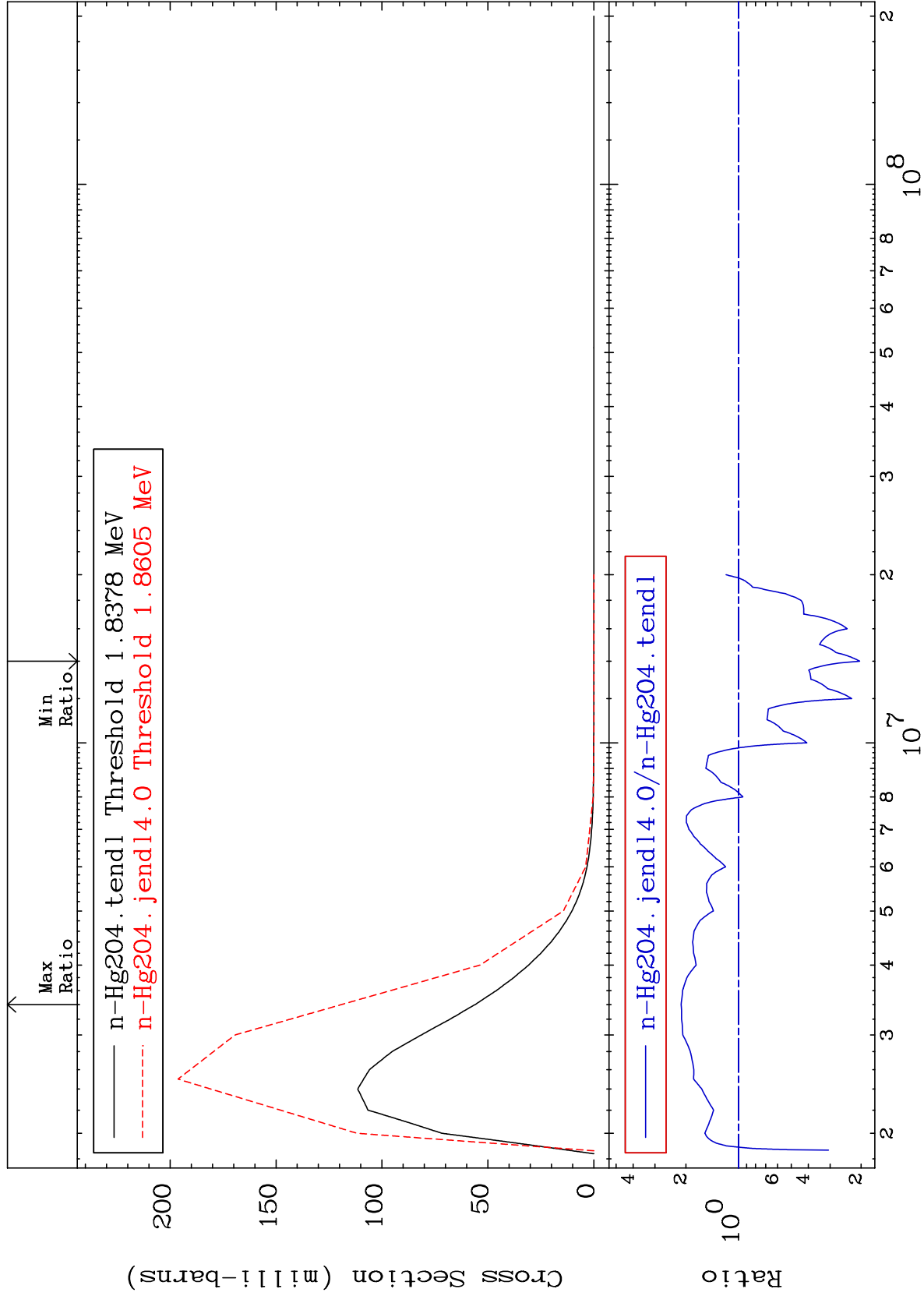
80-Hg-204
-100.0 To 8.991 %



MAT 8049

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

80-Hg-204
-79.62 To 112.6 %



12

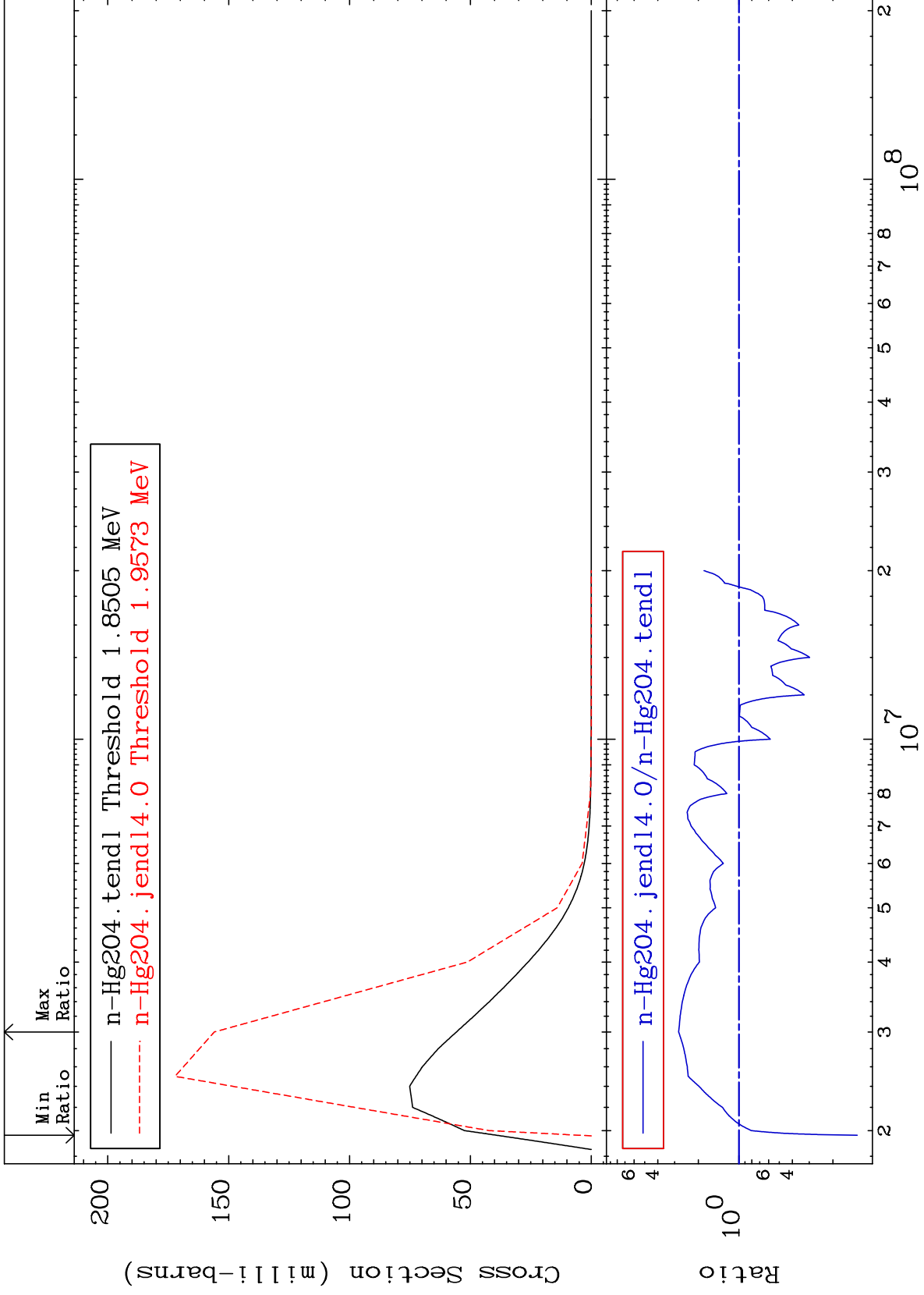
Incident Energy (eV)

80-Hg-204

MAT 8049

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

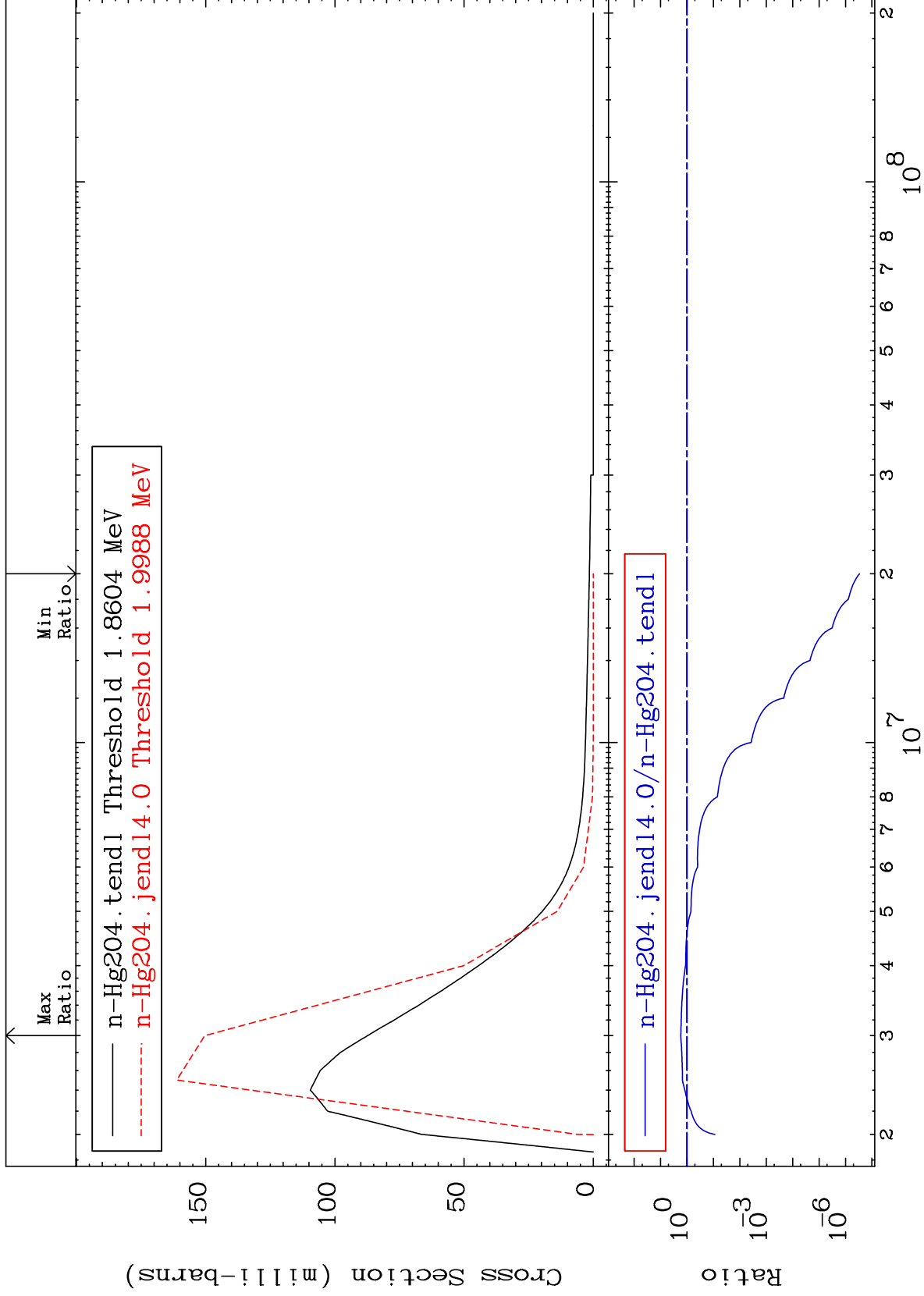
80-Hg-204
-86.80 To 179.8 %



MAT 8049

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

80-Hg-204
-100.0 To 72.05 %



14

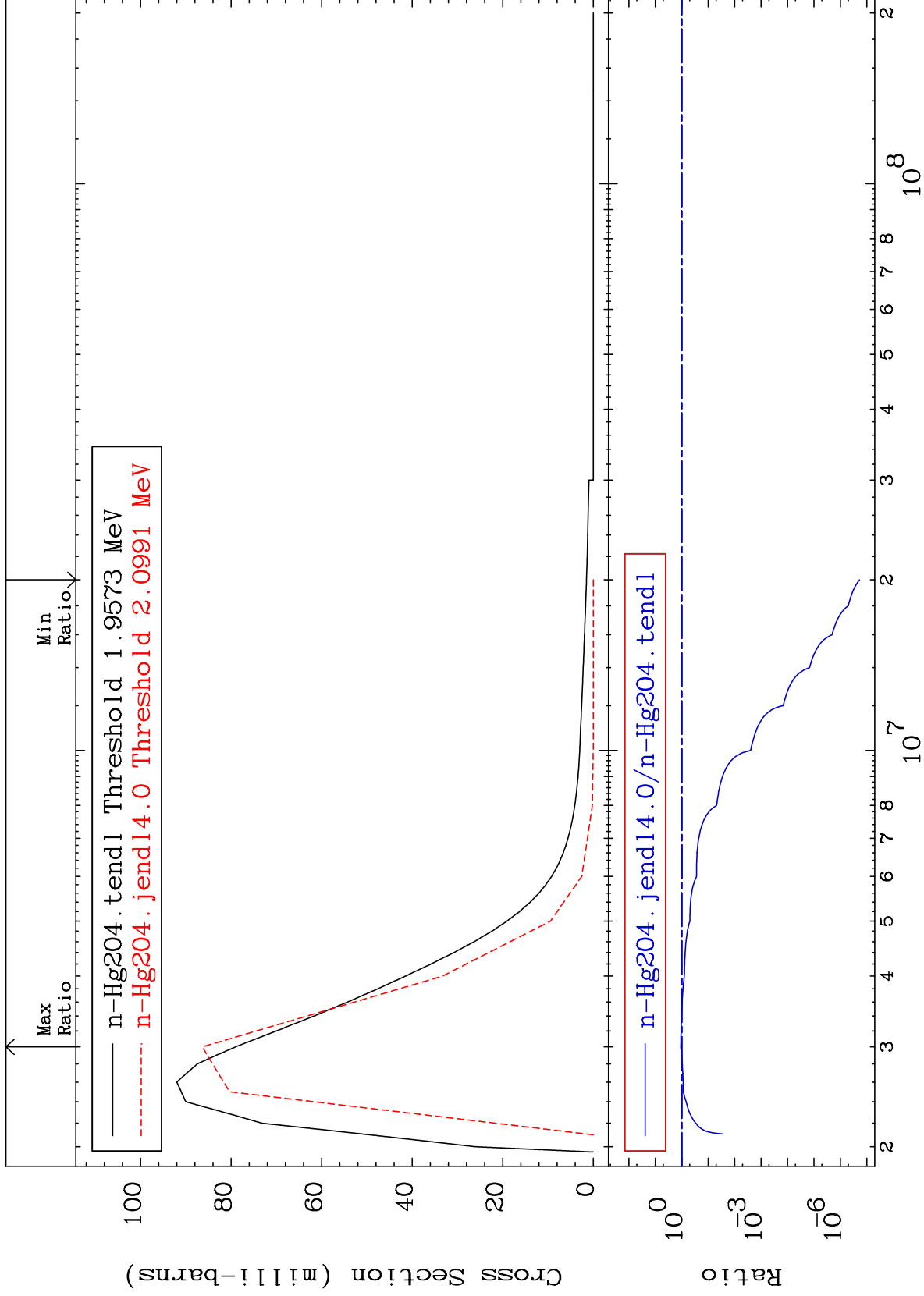
Incident Energy (eV)

80-Hg-204

MAT 8049

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

80-Hg-204
-100.0 To 9.303 %



15

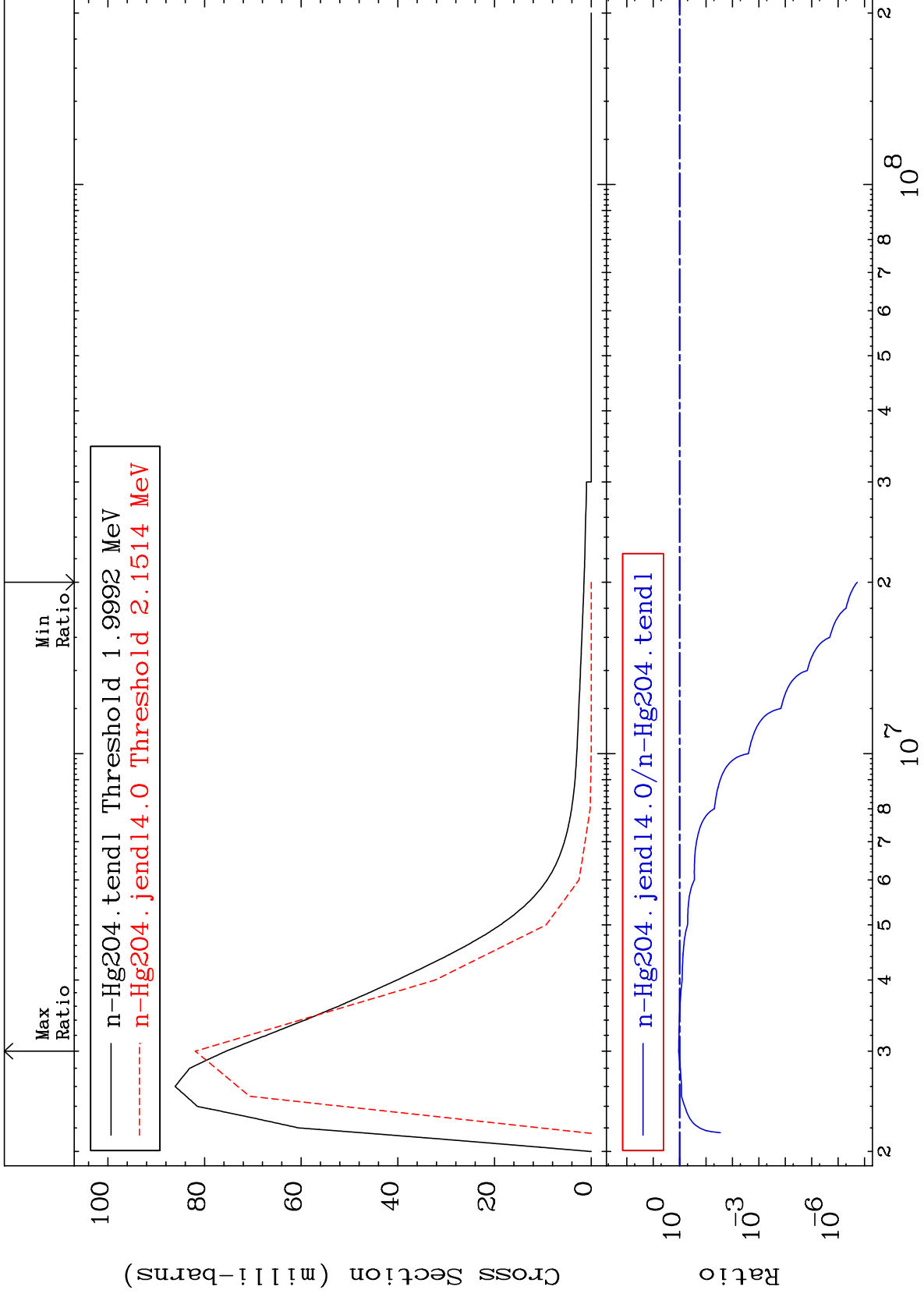
Incident Energy (eV)

80-Hg-204

MAT 8049

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

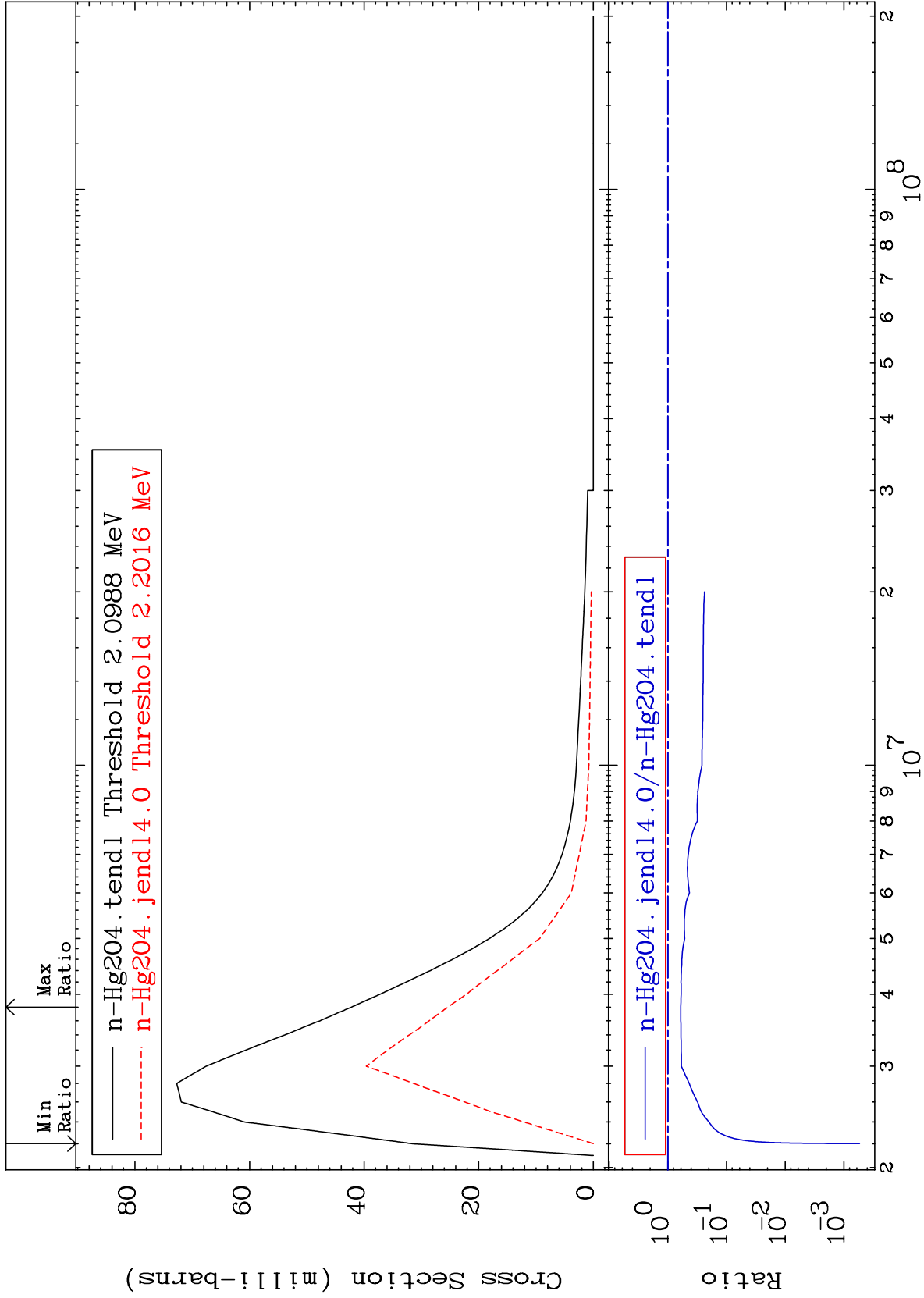
80-Hg-204
-100.0 To 8.414 %



MAT 8049

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

80-Hg-204
-99.95 To -39.85%



17

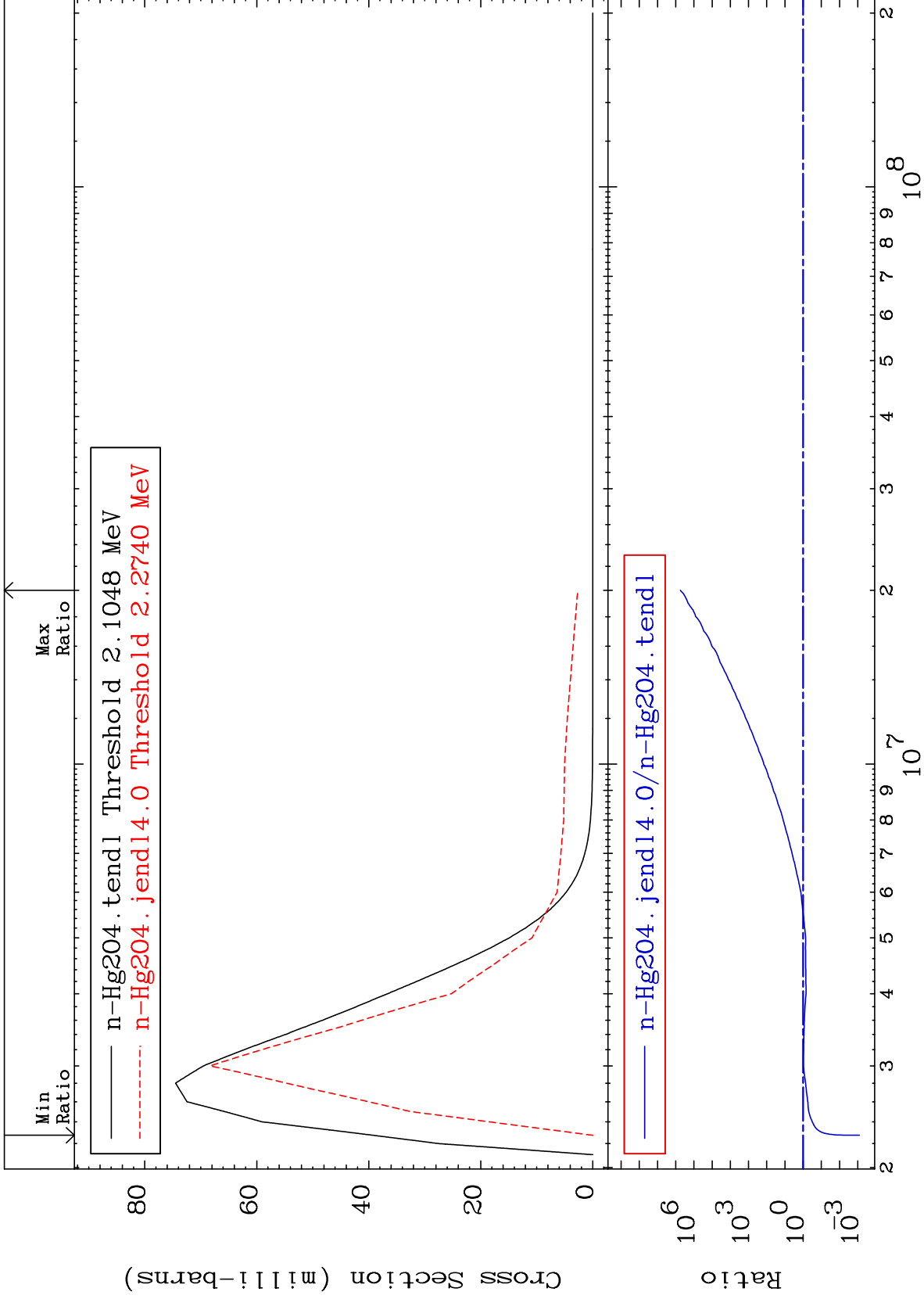
Incident Energy (eV)

80-Hg-204

MAT 8049

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

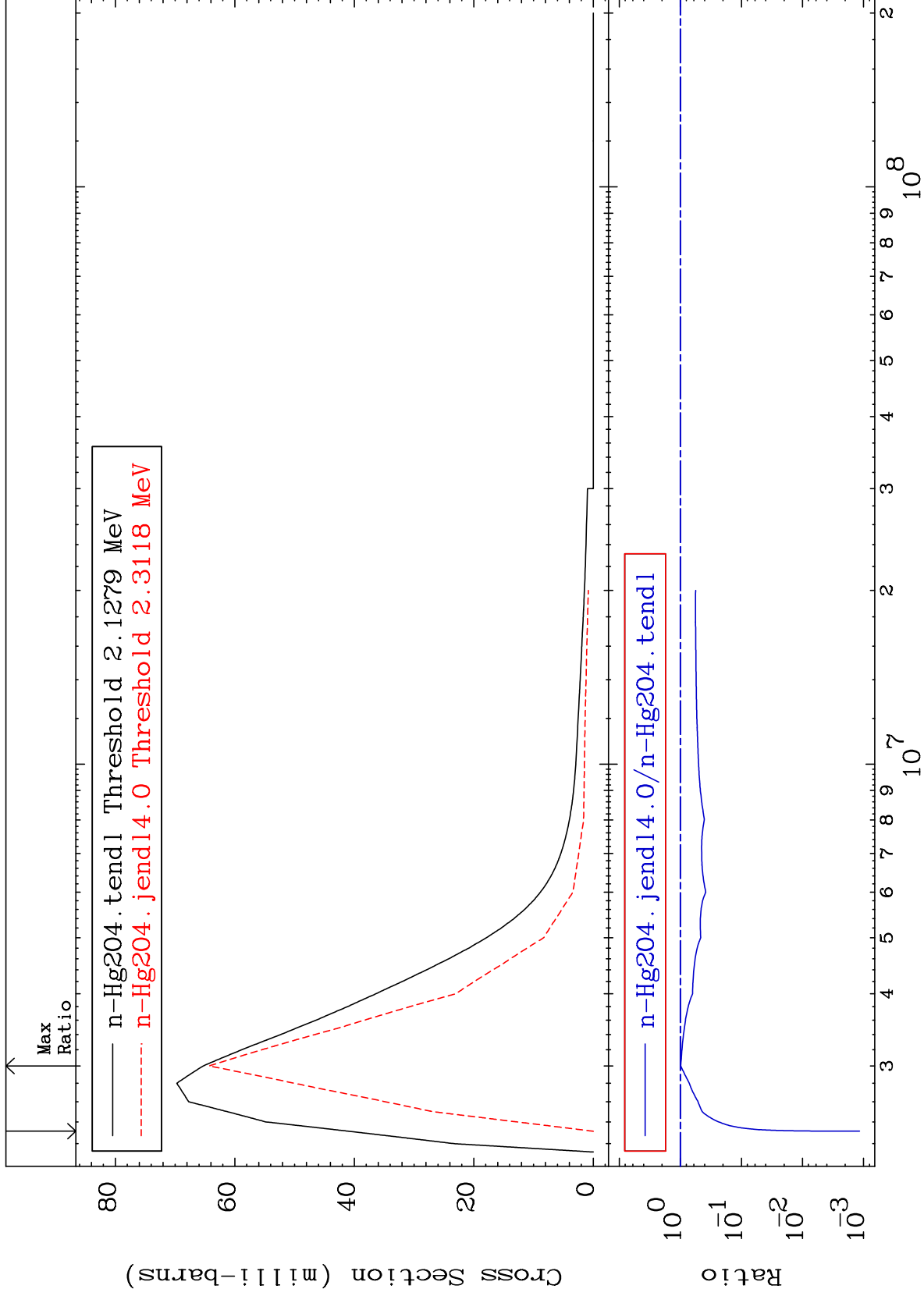
80-Hg-204
-99.92 To 9999. %



MAT 8049

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

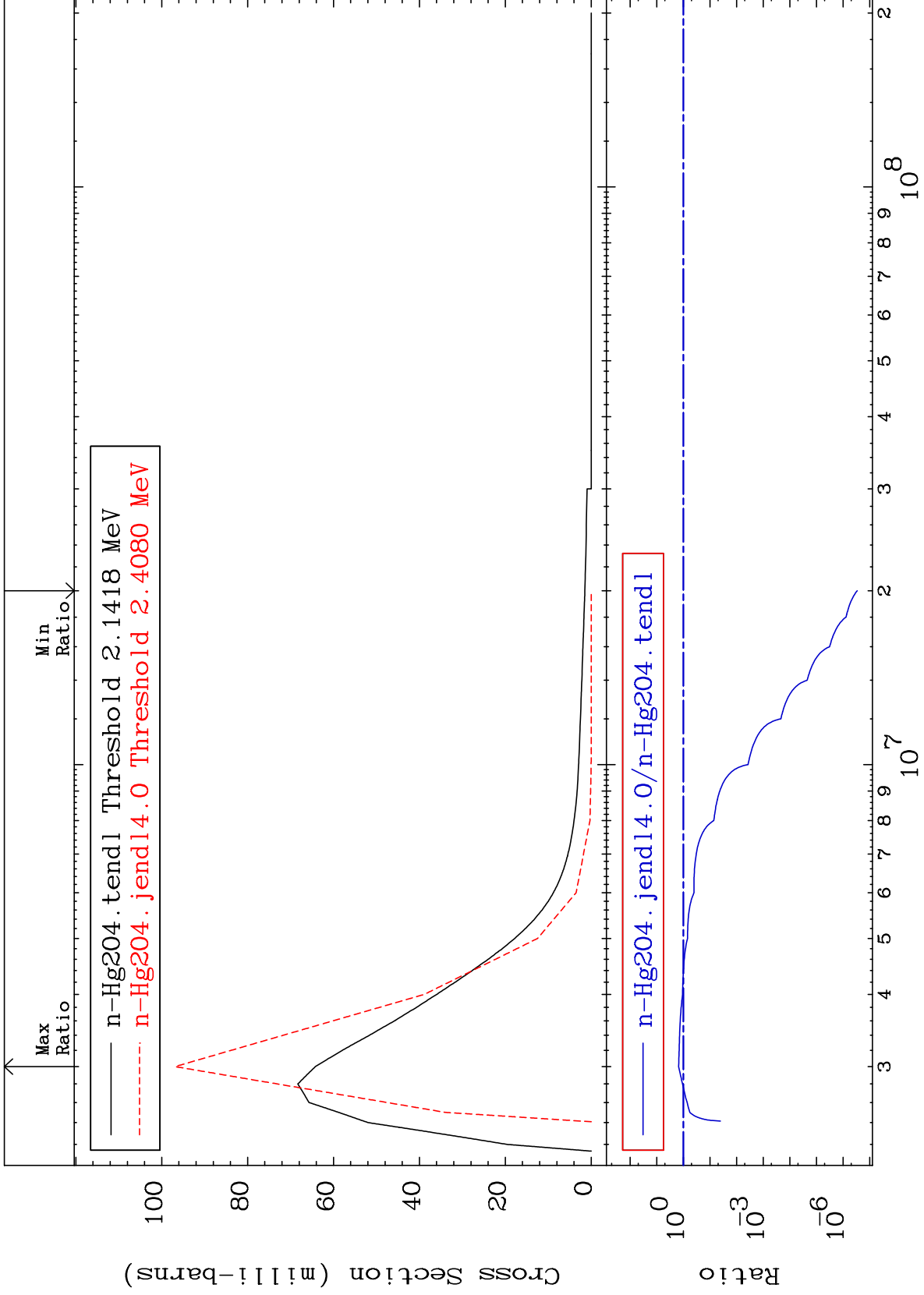
80-Hg-204
-99.88 To -1.504%



MAT 8049

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

80-Hg-204
-100.0 To 50.86 %



20

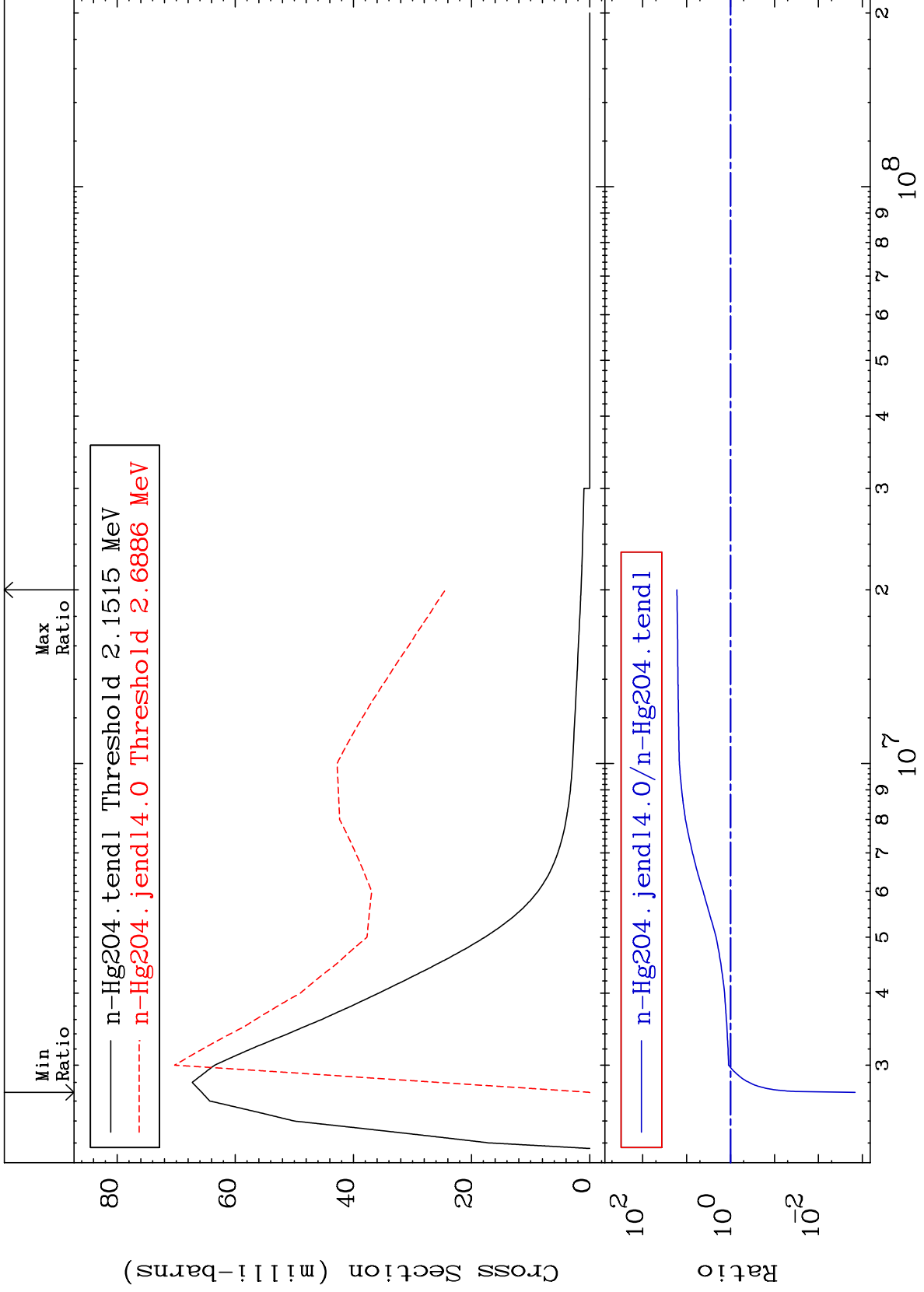
Incident Energy (eV)

80-Hg-204

MAT 8049

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

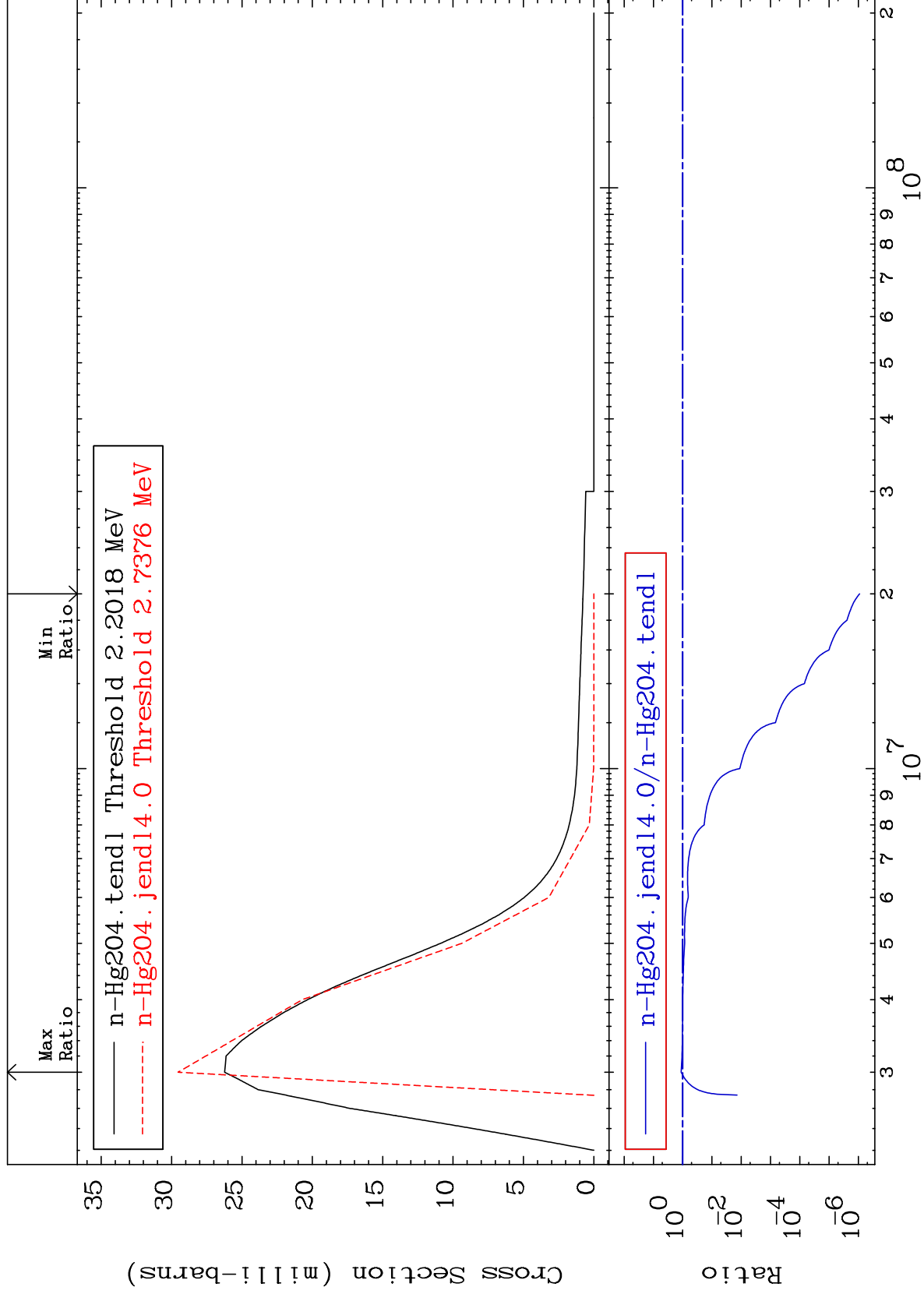
80-Hg-204
-99.85 To 1563. %



MAT 8049

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

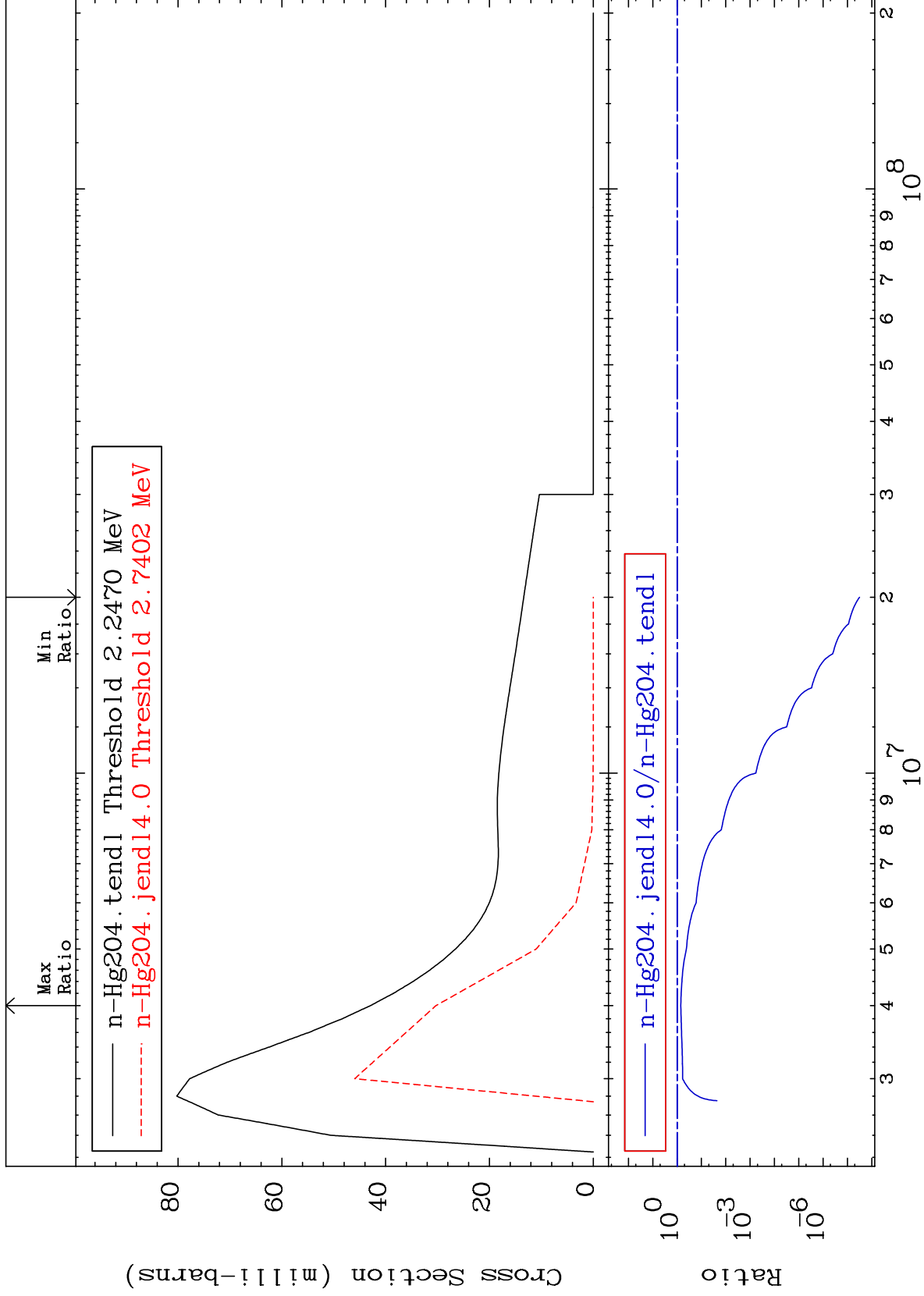
80-Hg-204
-100.0 To 12.63 %



MAT 8049

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

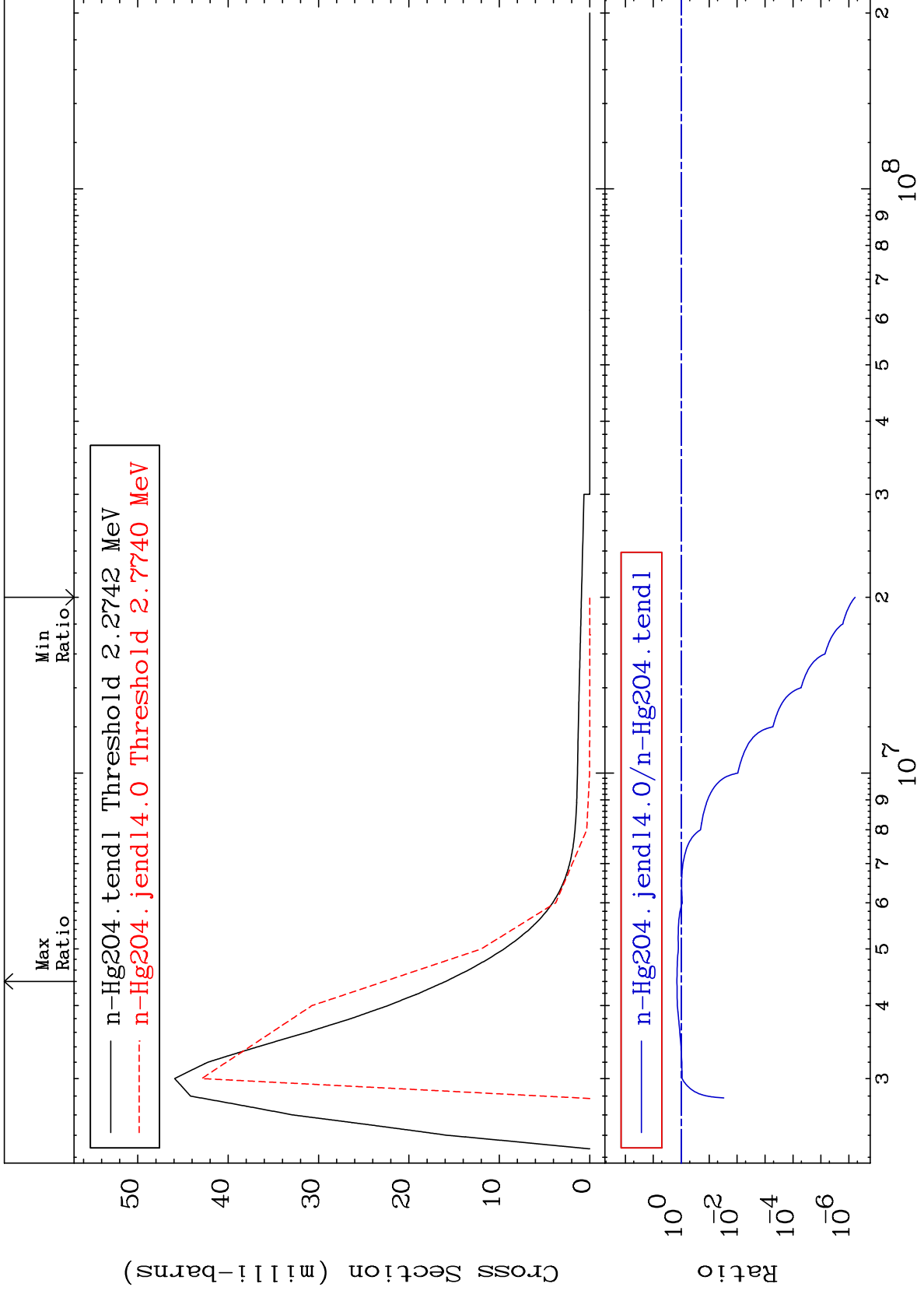
80-Hg-204
-100.0 To -29.40%



MAT 8049

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

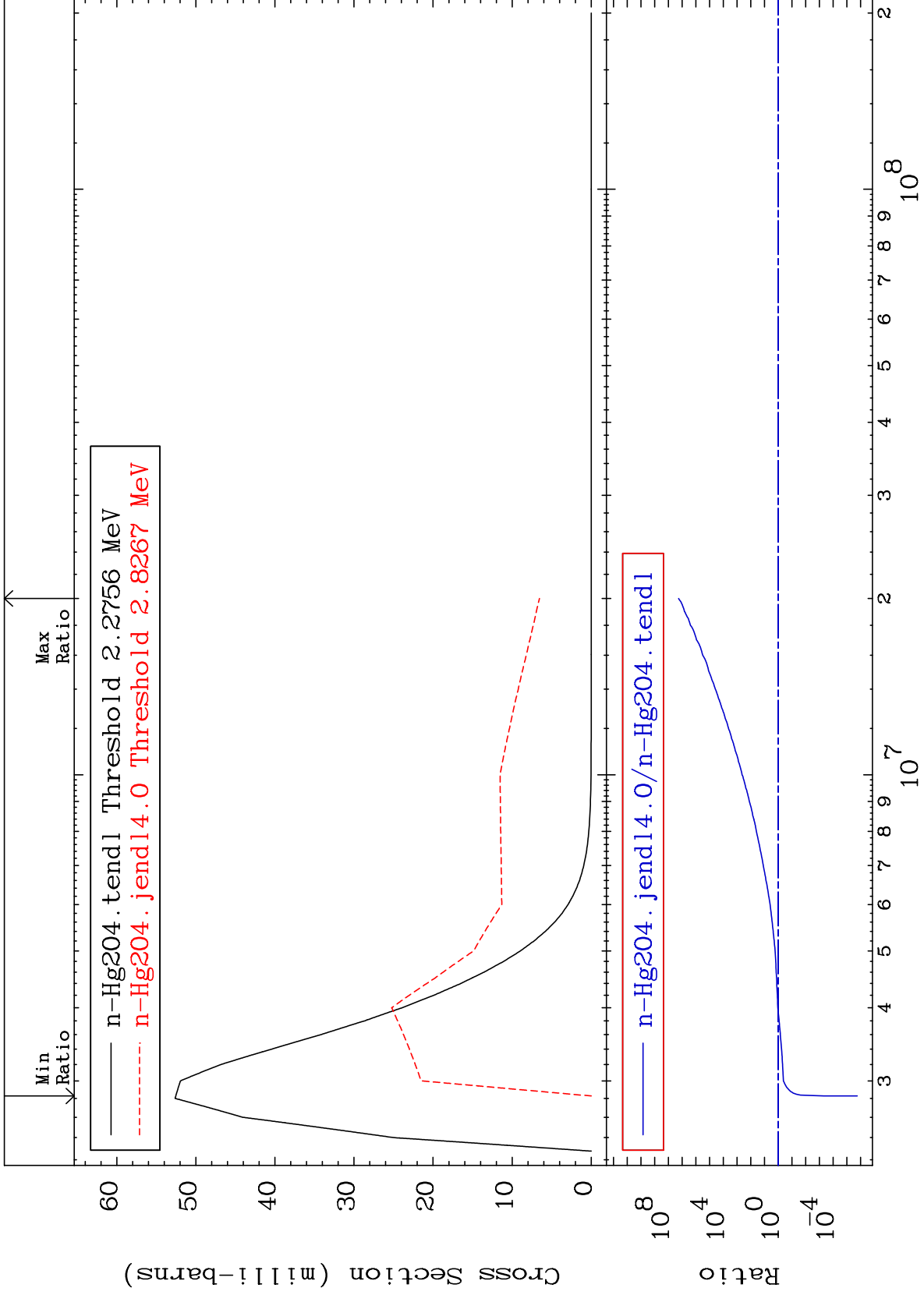
80-Hg-204
-100.0 To 42.67 %

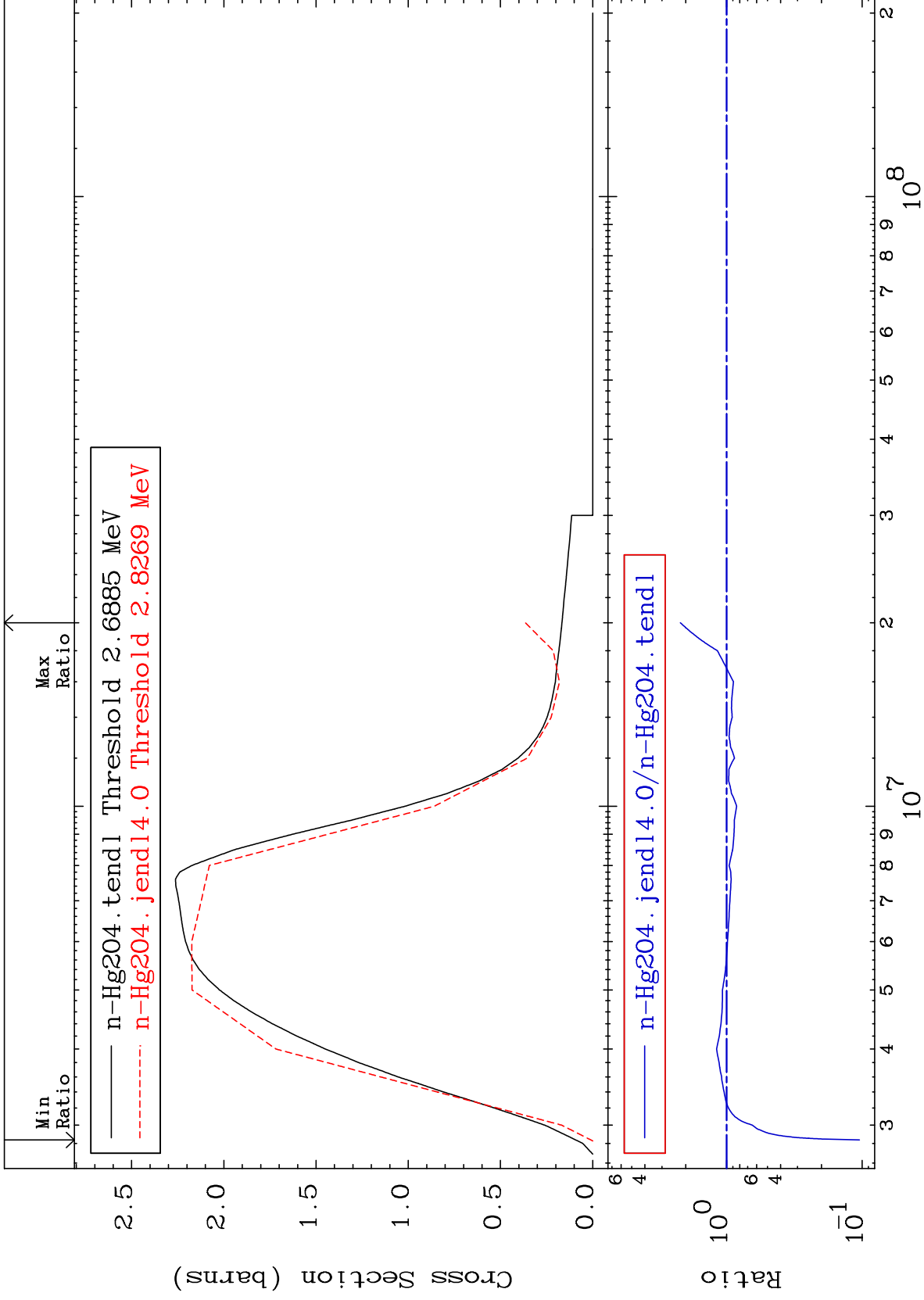


MAT 8049

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

80-Hg-204
-100.0 To 9999. %



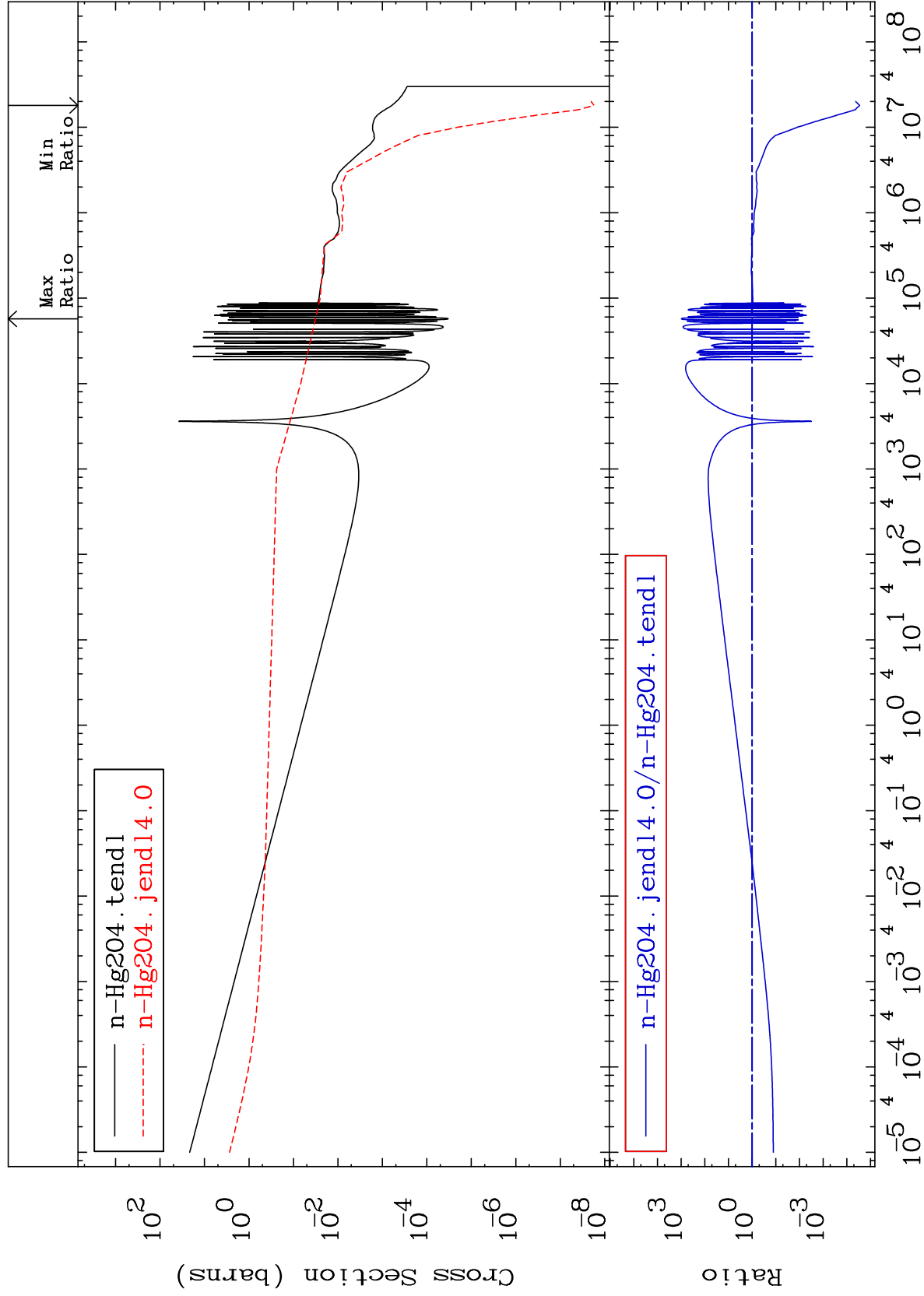


MAT 8049

(n, γ)
Cross Section

80-Hg-204

-100.0 To 9999. %



27

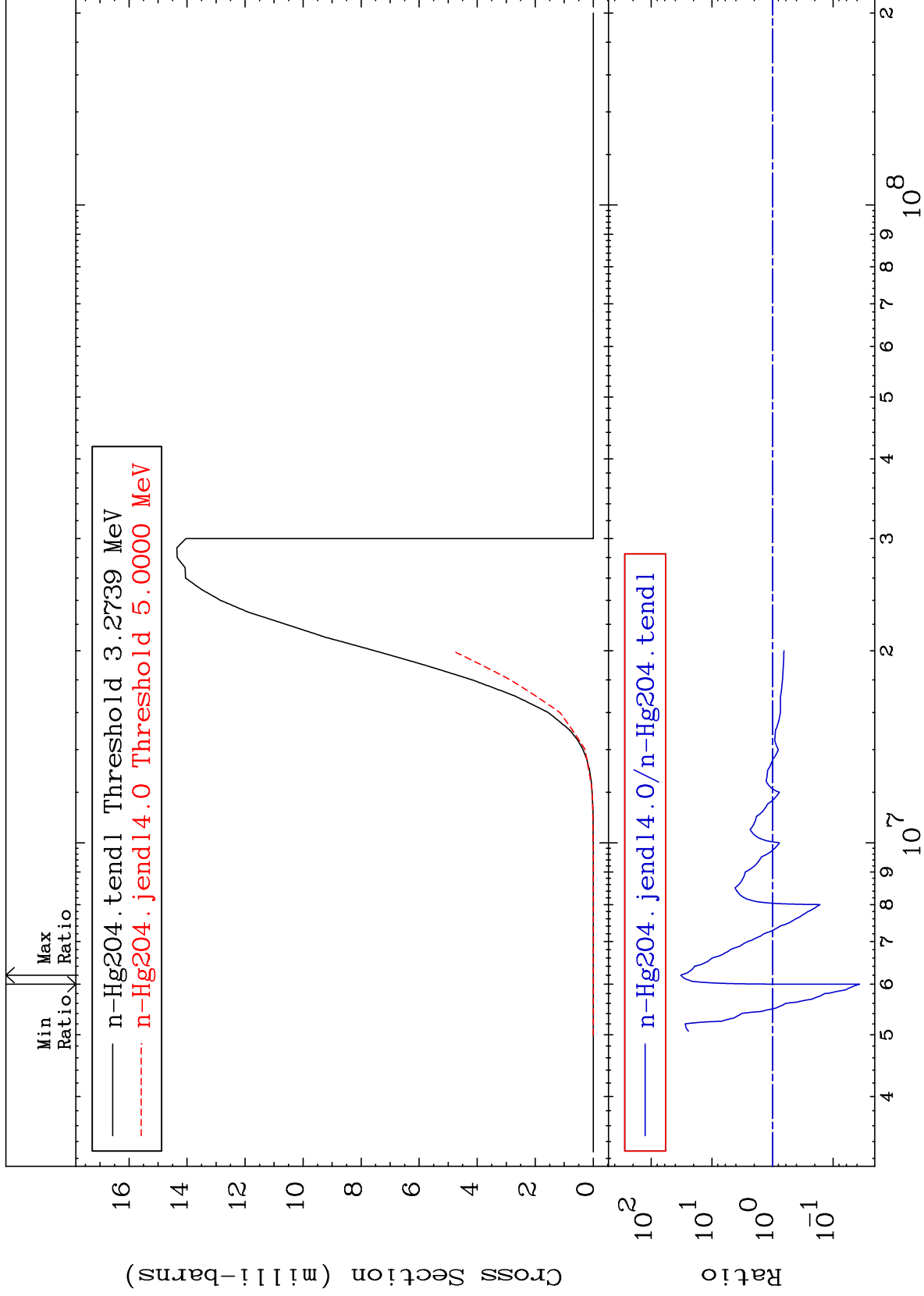
Incident Energy (eV)

80-Hg-204

MAT 8049

(n,p)
Cross Section

80-Hg-204
-96.35 To 3158. %

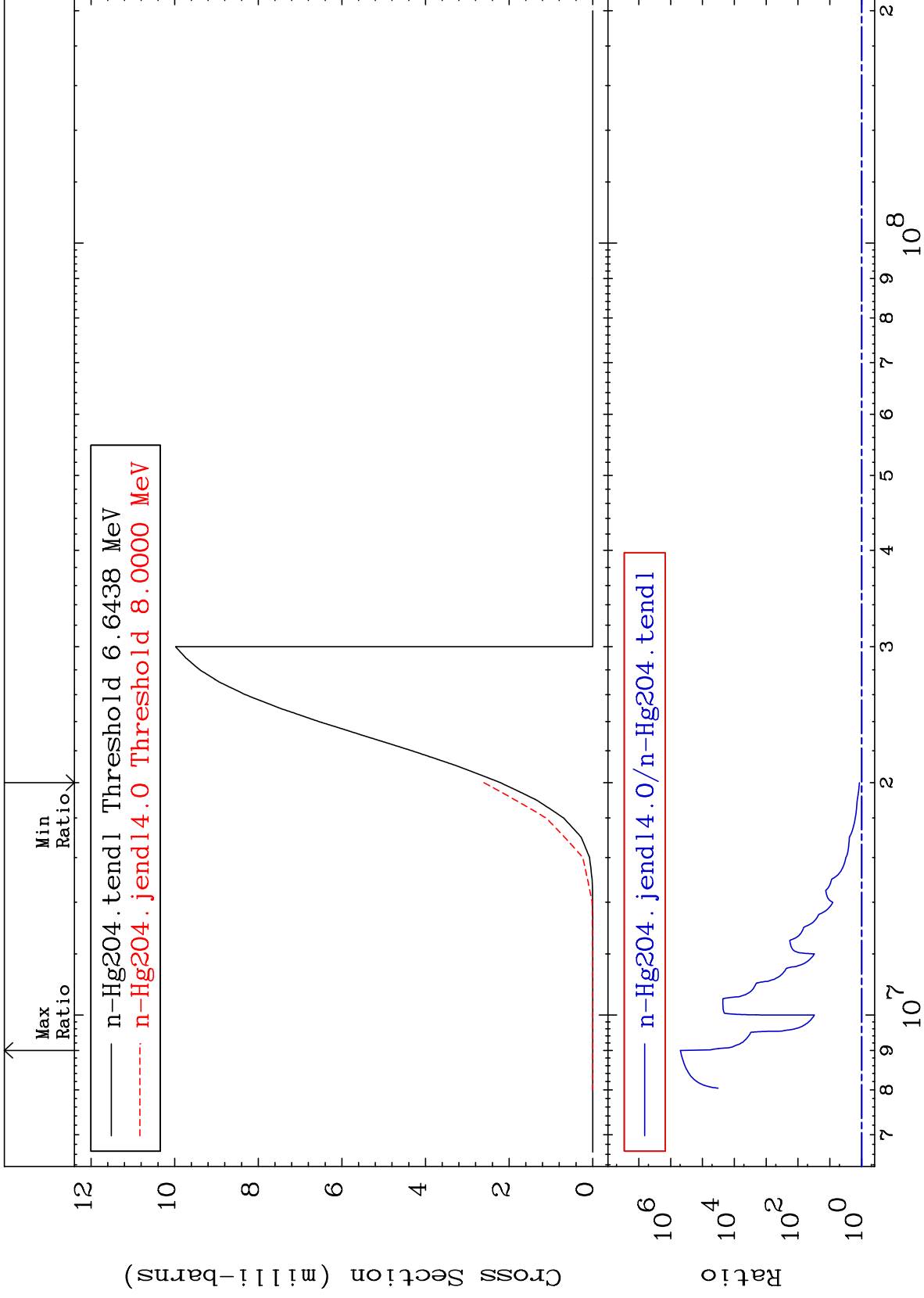


MAT 8049

(n, d)

80-Hg-204
17.84 To 9999. %

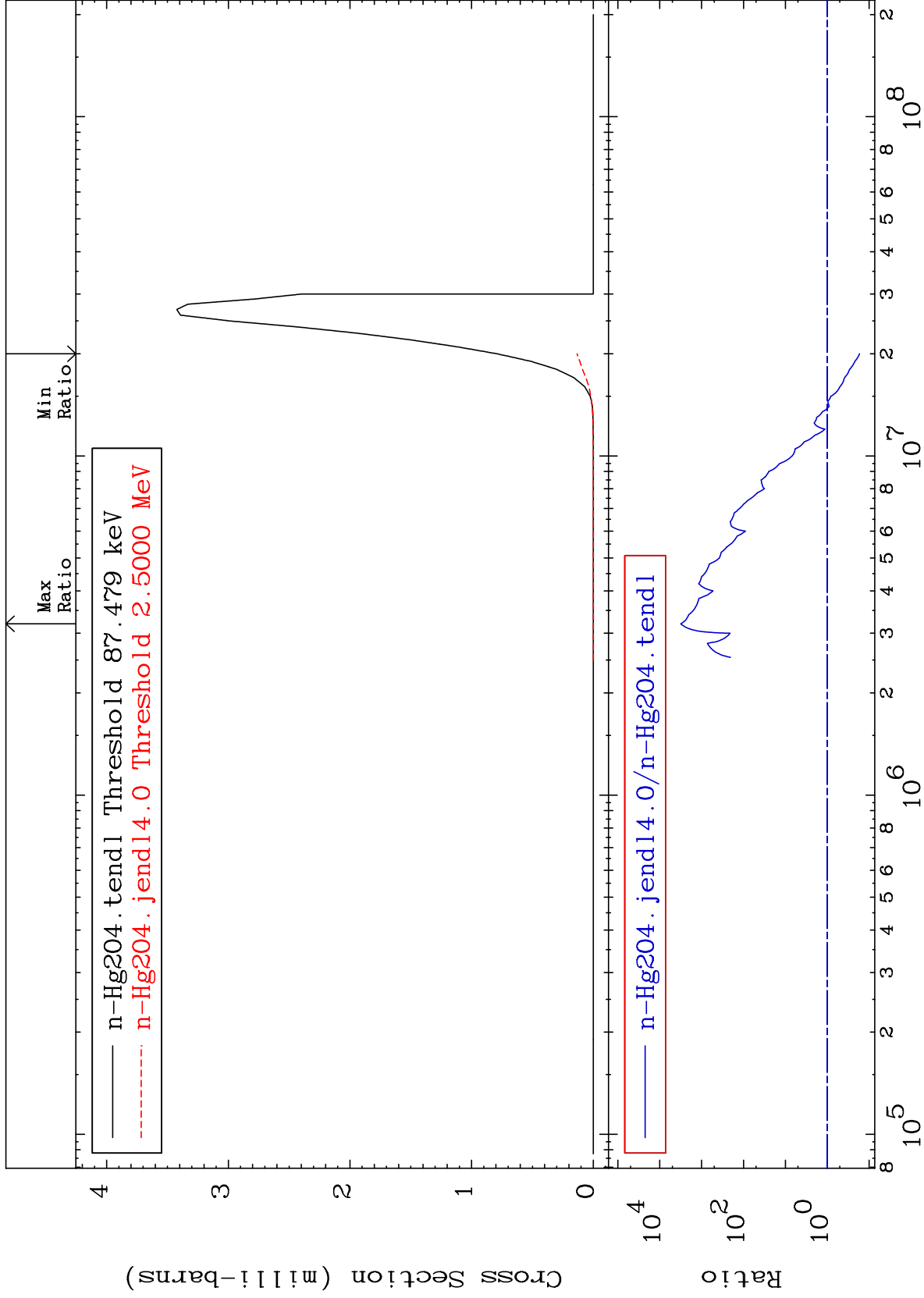
Cross Section



MAT 8049

80-Hg-204

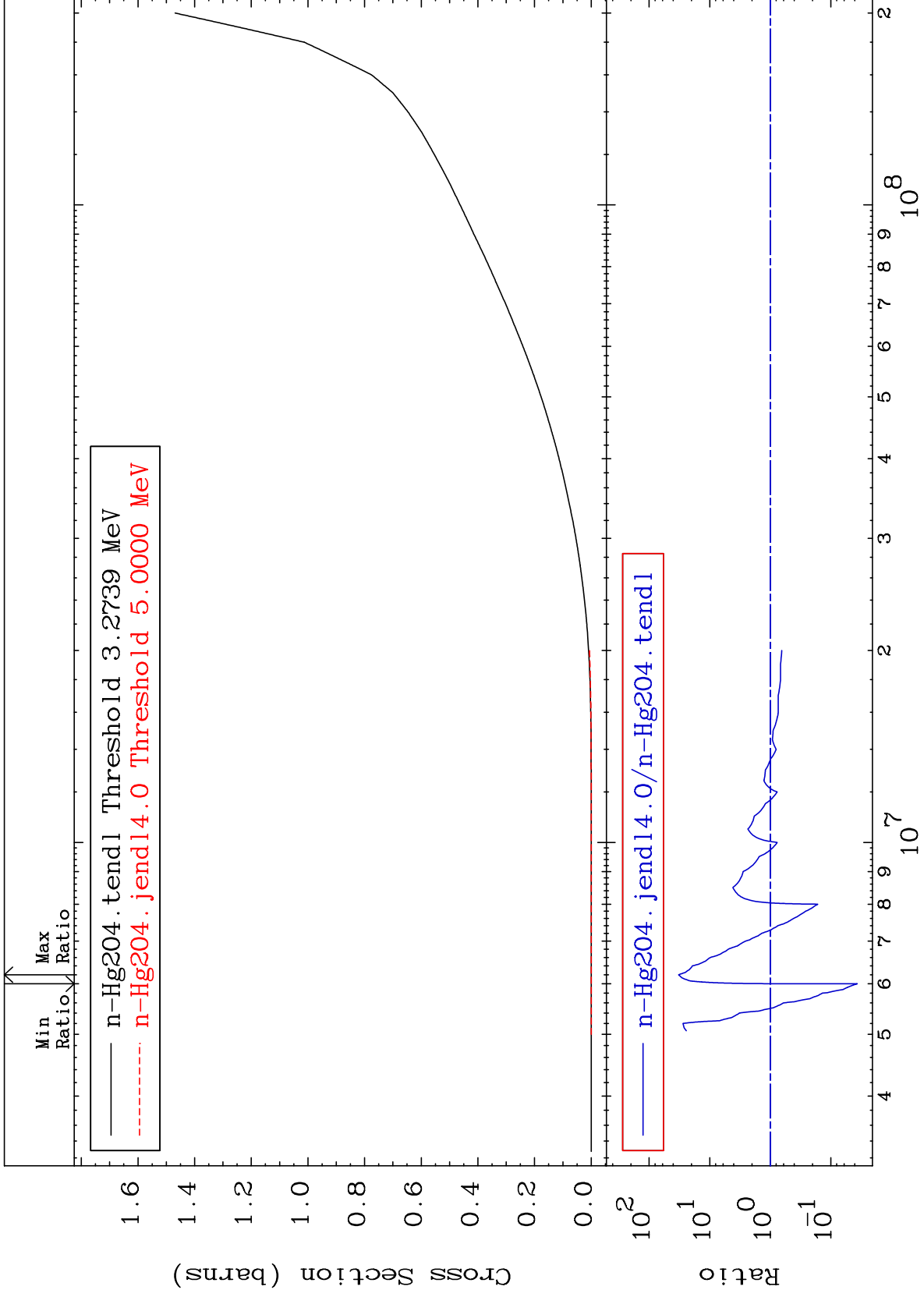
(n, α)
Cross Section
-83.09 To 9999. %



80-Hg-204

Incident Energy (eV)

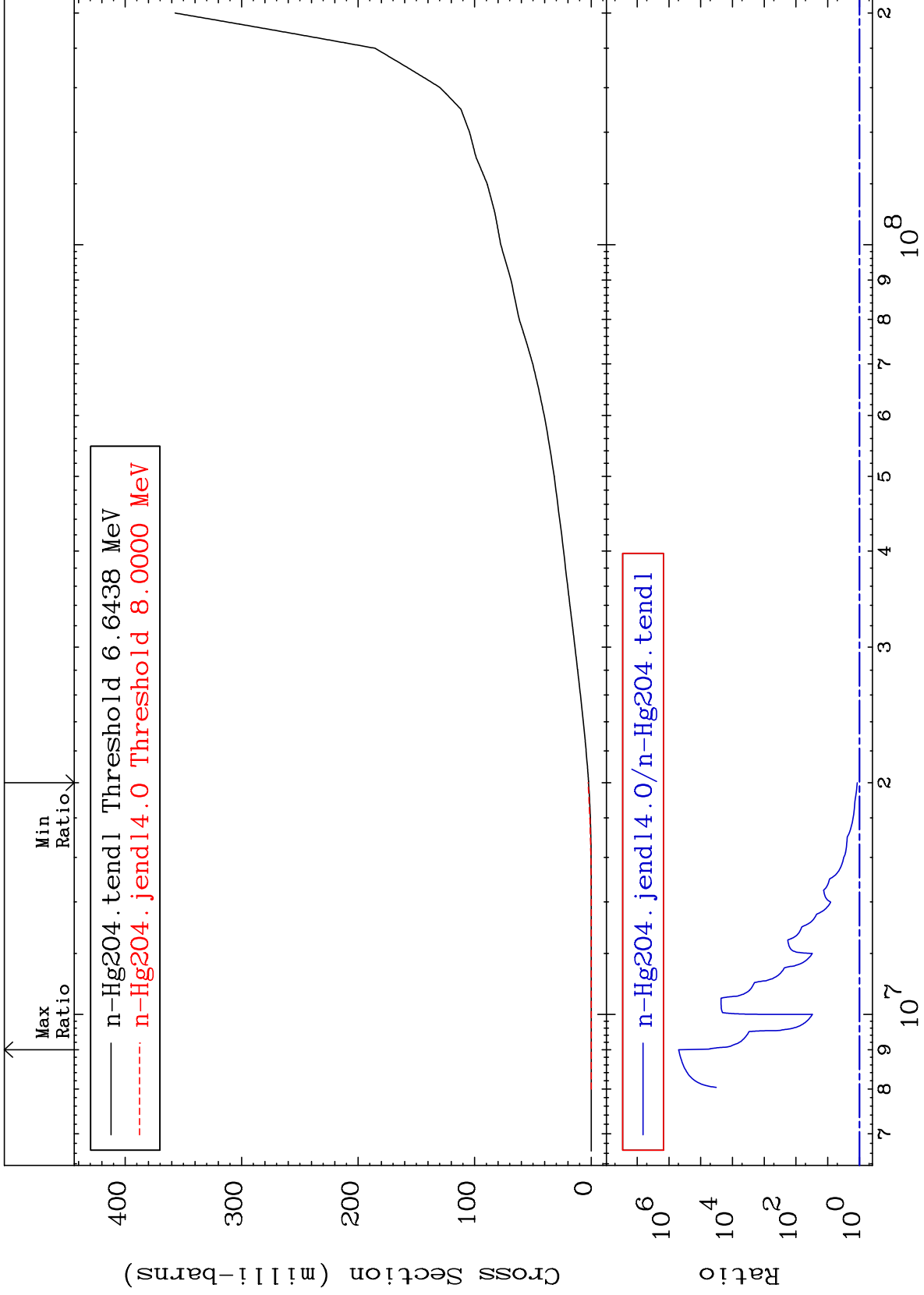
30



MAT 8049

Deuterium Production
Cross Section

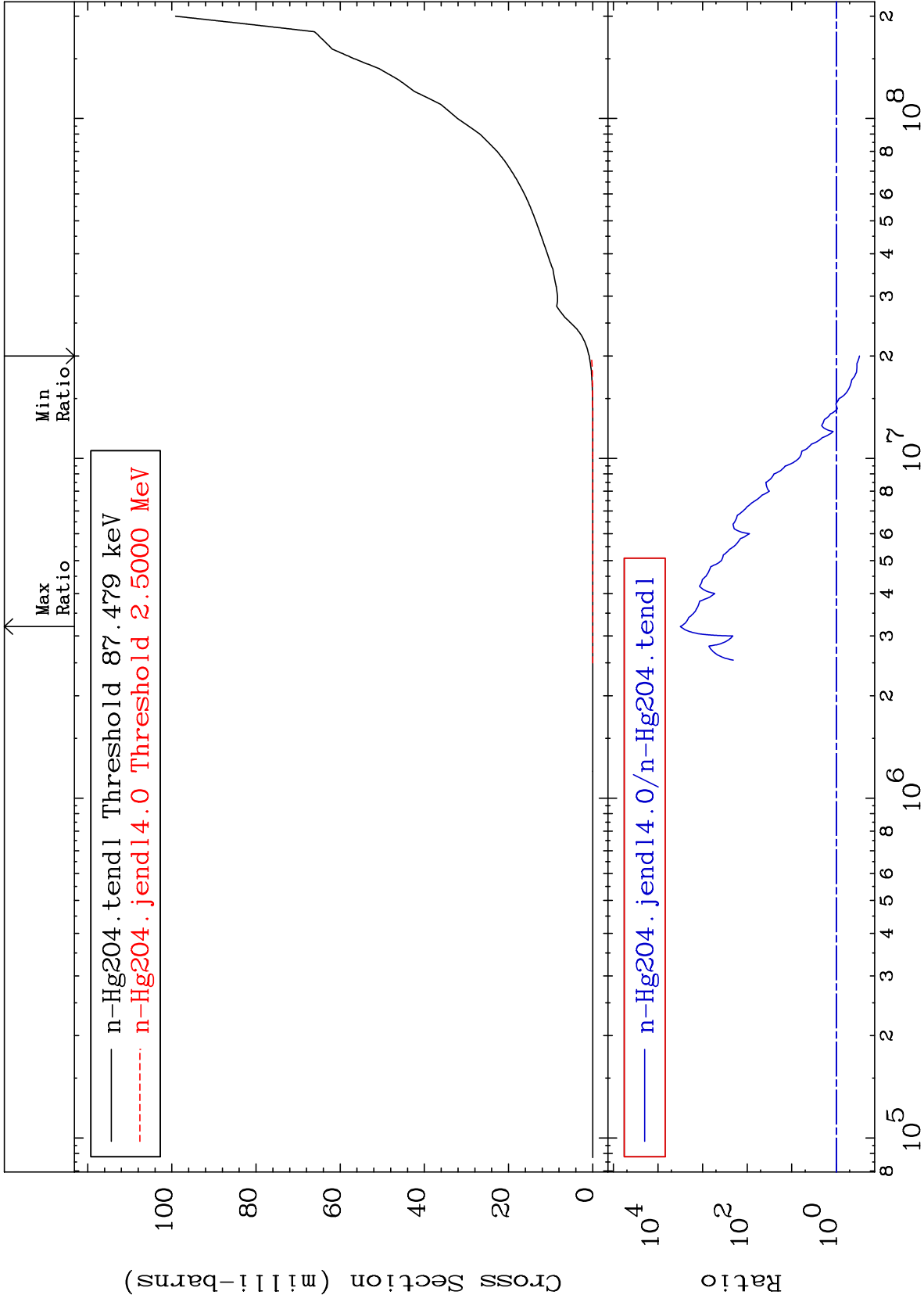
80-Hg-204
17.84 To 9999. %



MAT 8049

He-4 Production
Cross Section

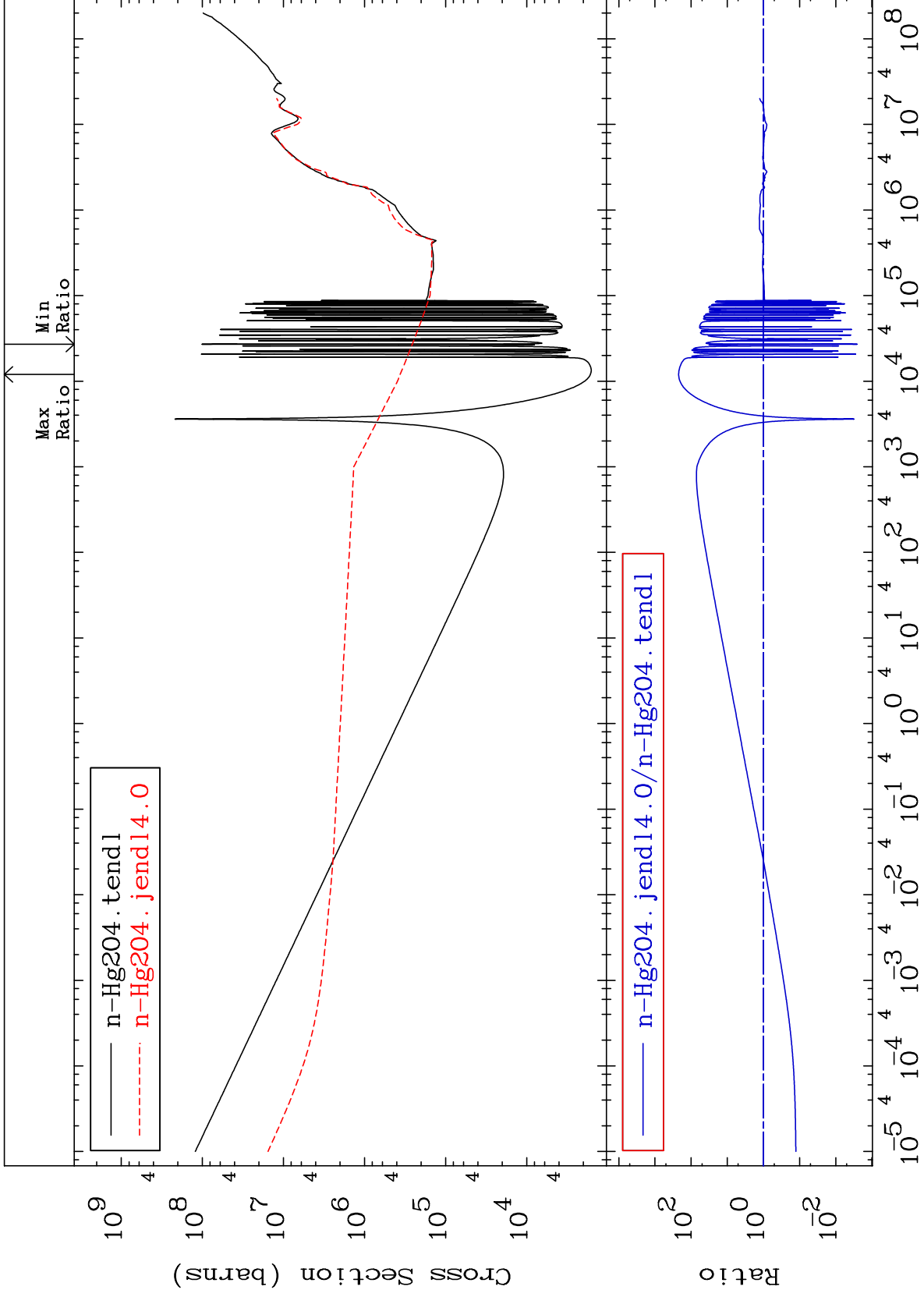
80-Hg-204
-69.74 To 9999. %



33

Incident Energy (eV)

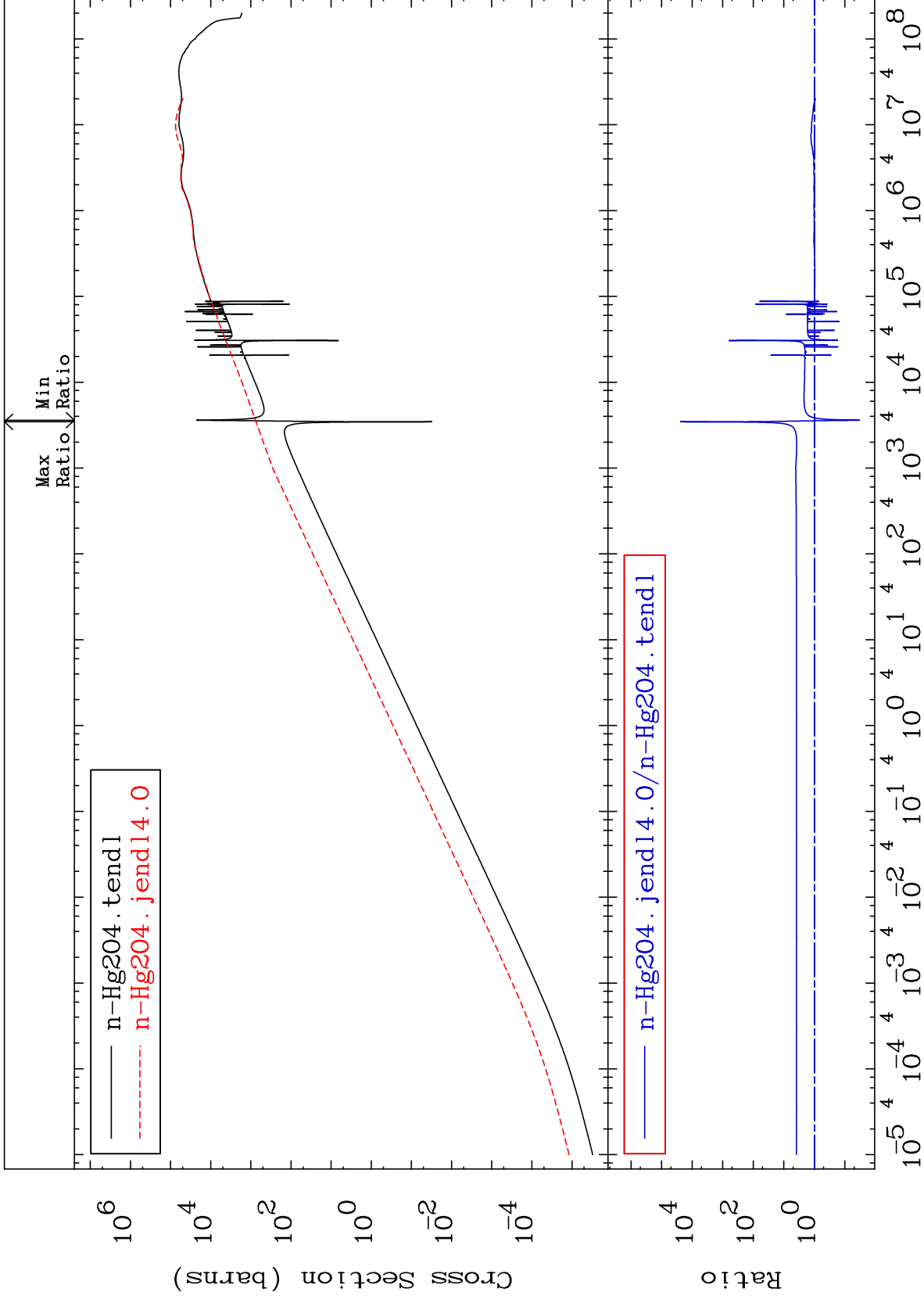
80-Hg-204



MAT 8049

Kerma elastic
Cross Section

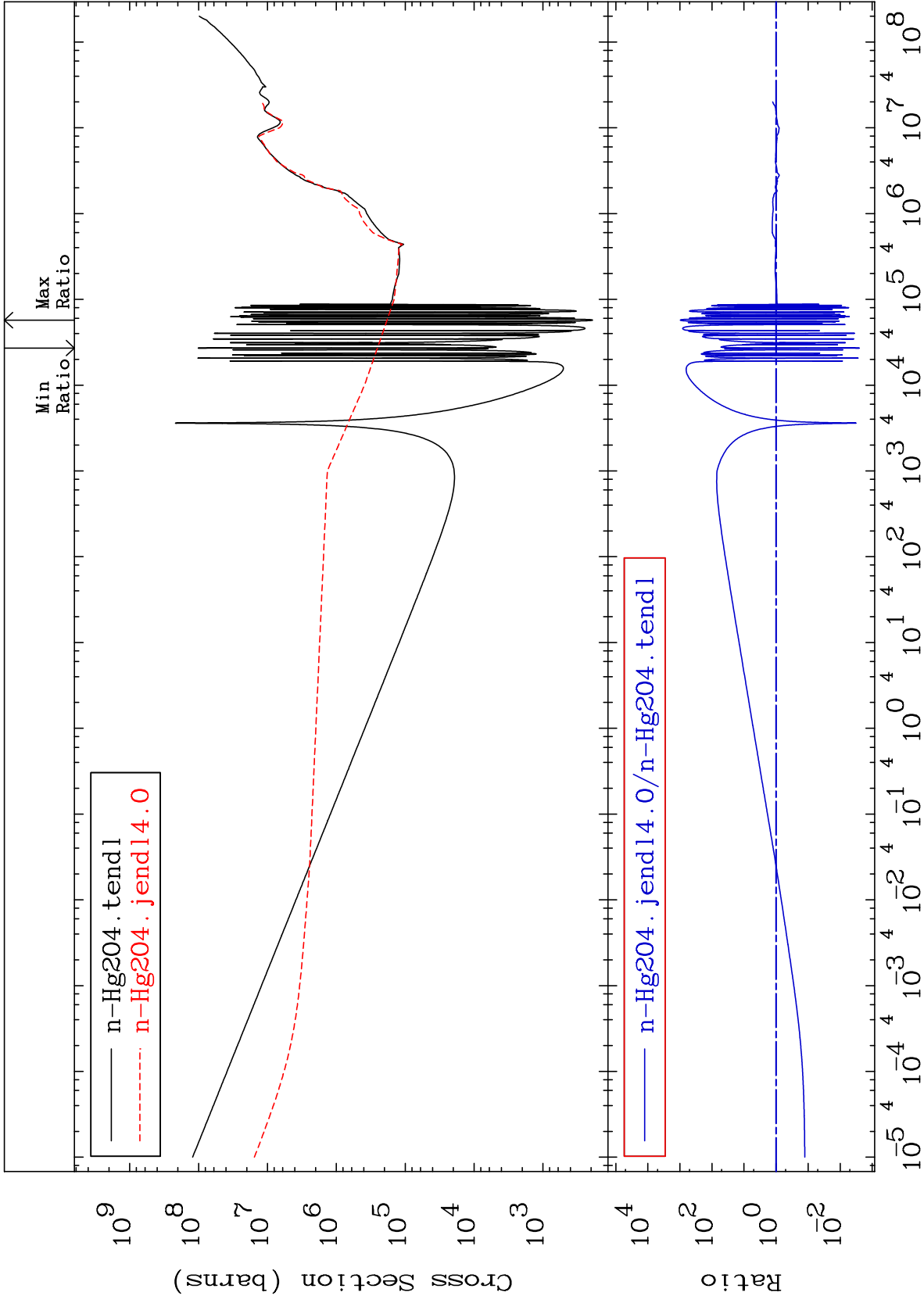
80-Hg-204
-96.65 To 9999. %

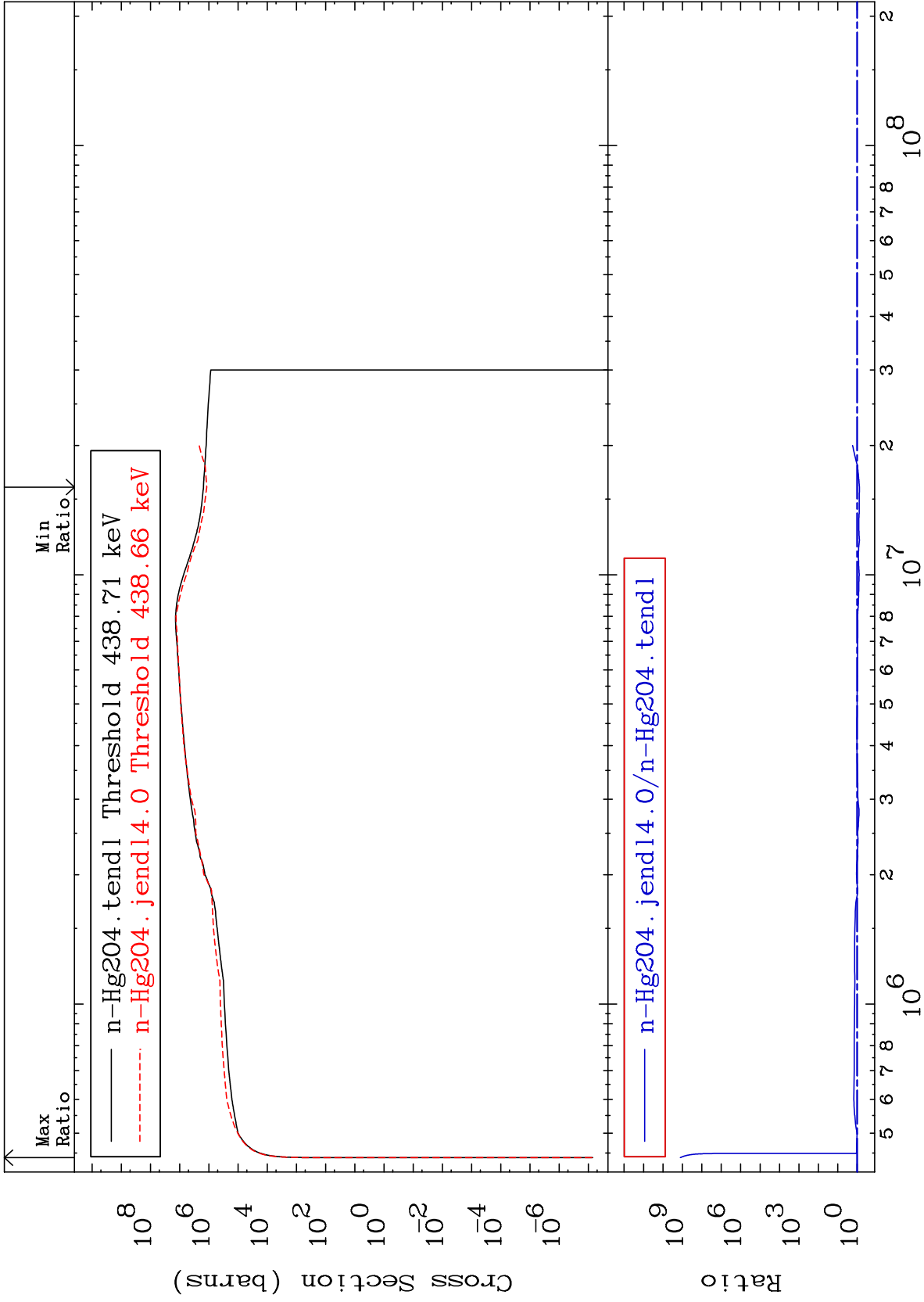


35

Incident Energy (eV)

80-Hg-204

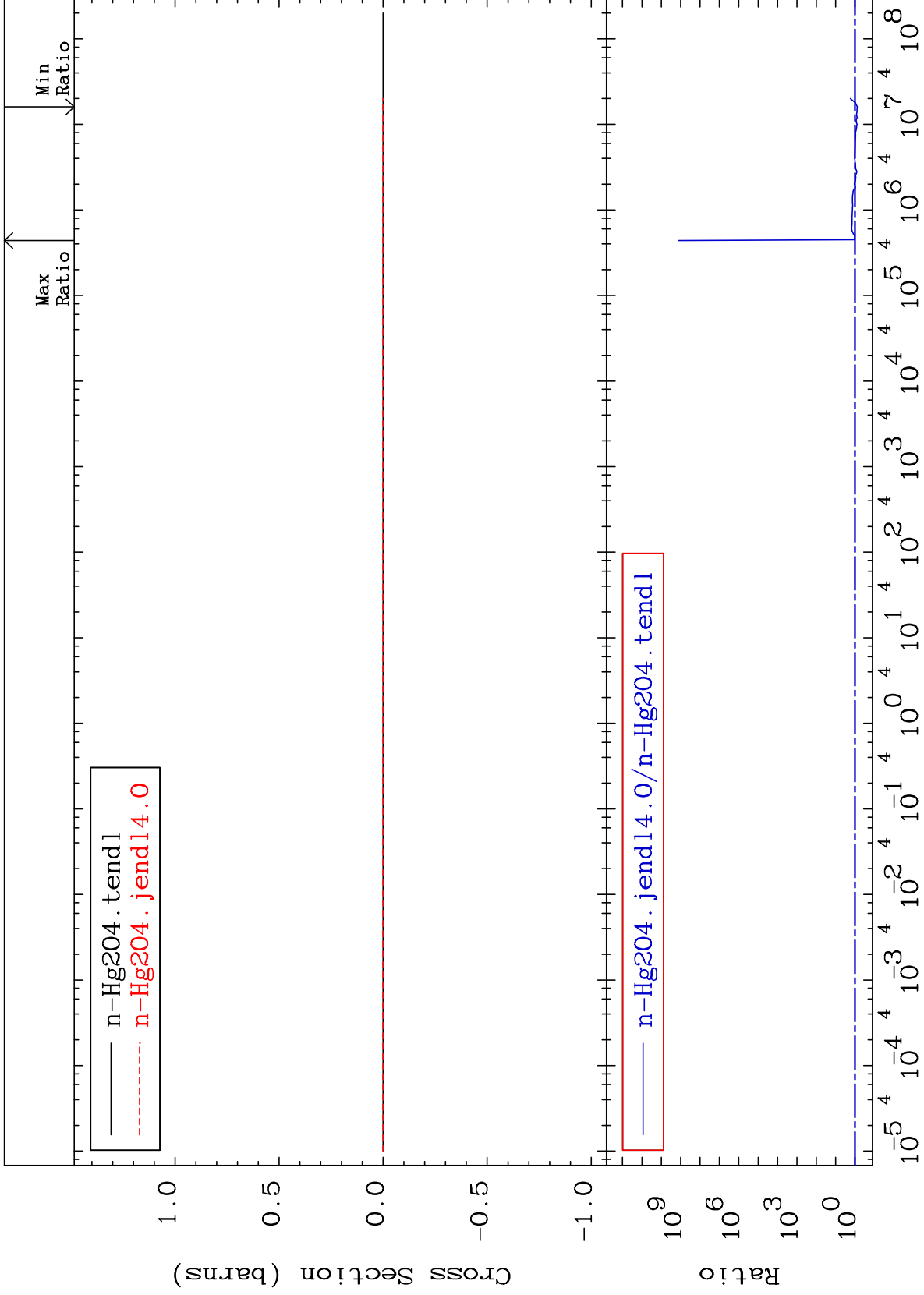




MAT 8049

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

80-Hg-204
-22.94 To 9999. %



38

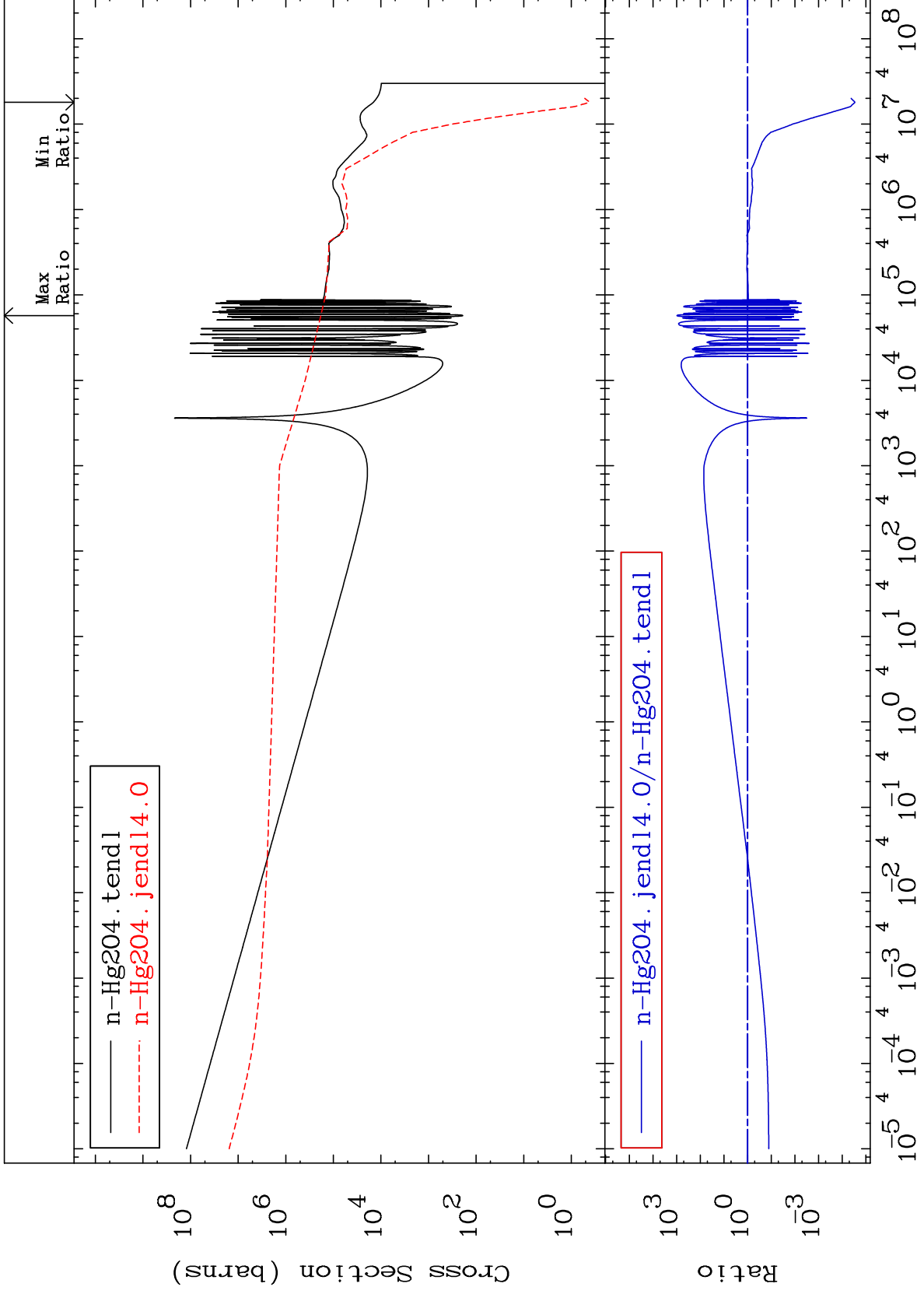
Incident Energy (eV)

80-Hg-204

MAT 8049

Kerma capture (mt102)
Cross Section

80-Hg-204
-100.0 To 9999. %



39

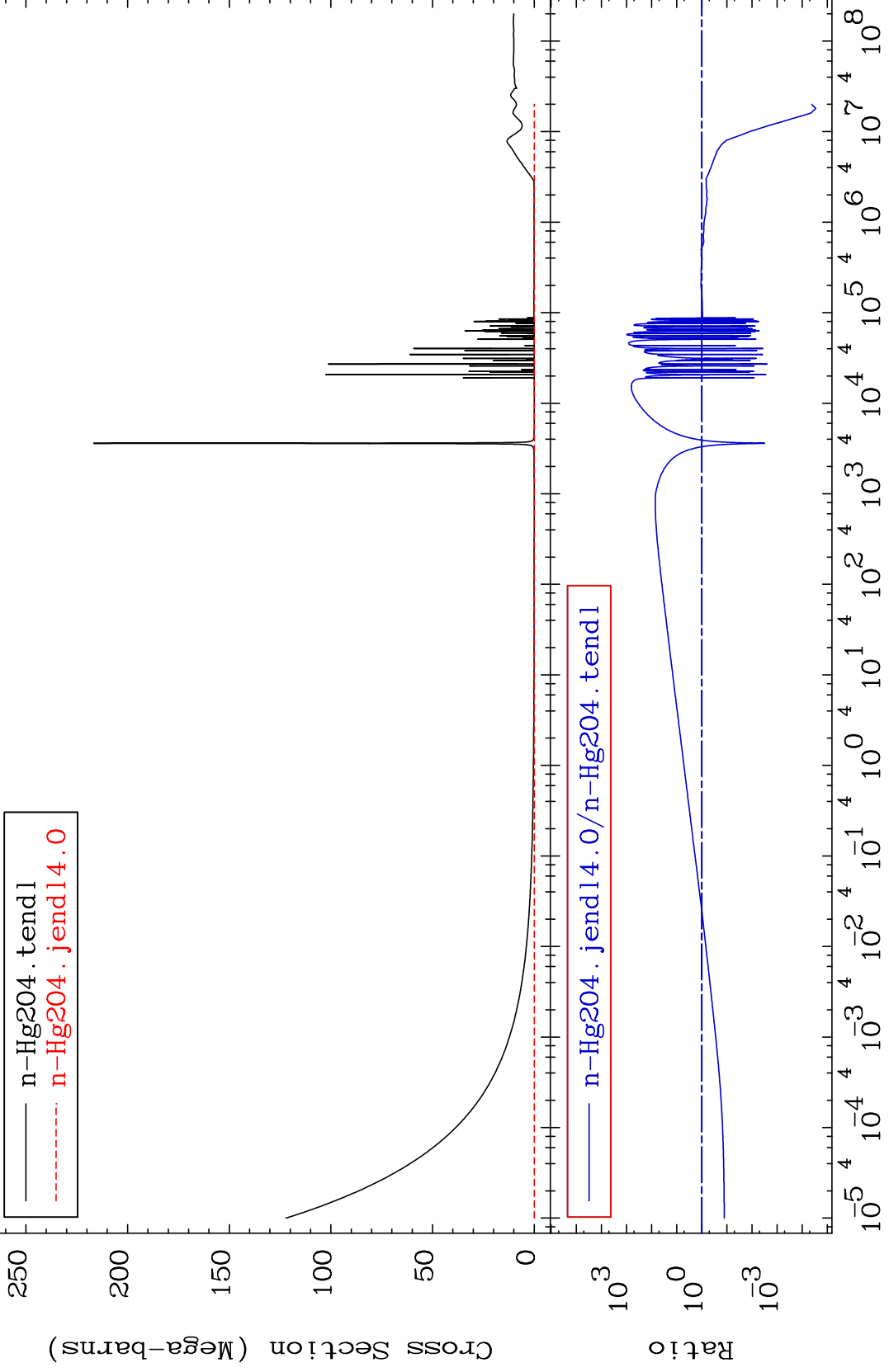
Incident Energy (eV)

80-Hg-204

MAT 8049

Total photon (eV-barns)
Cross Section

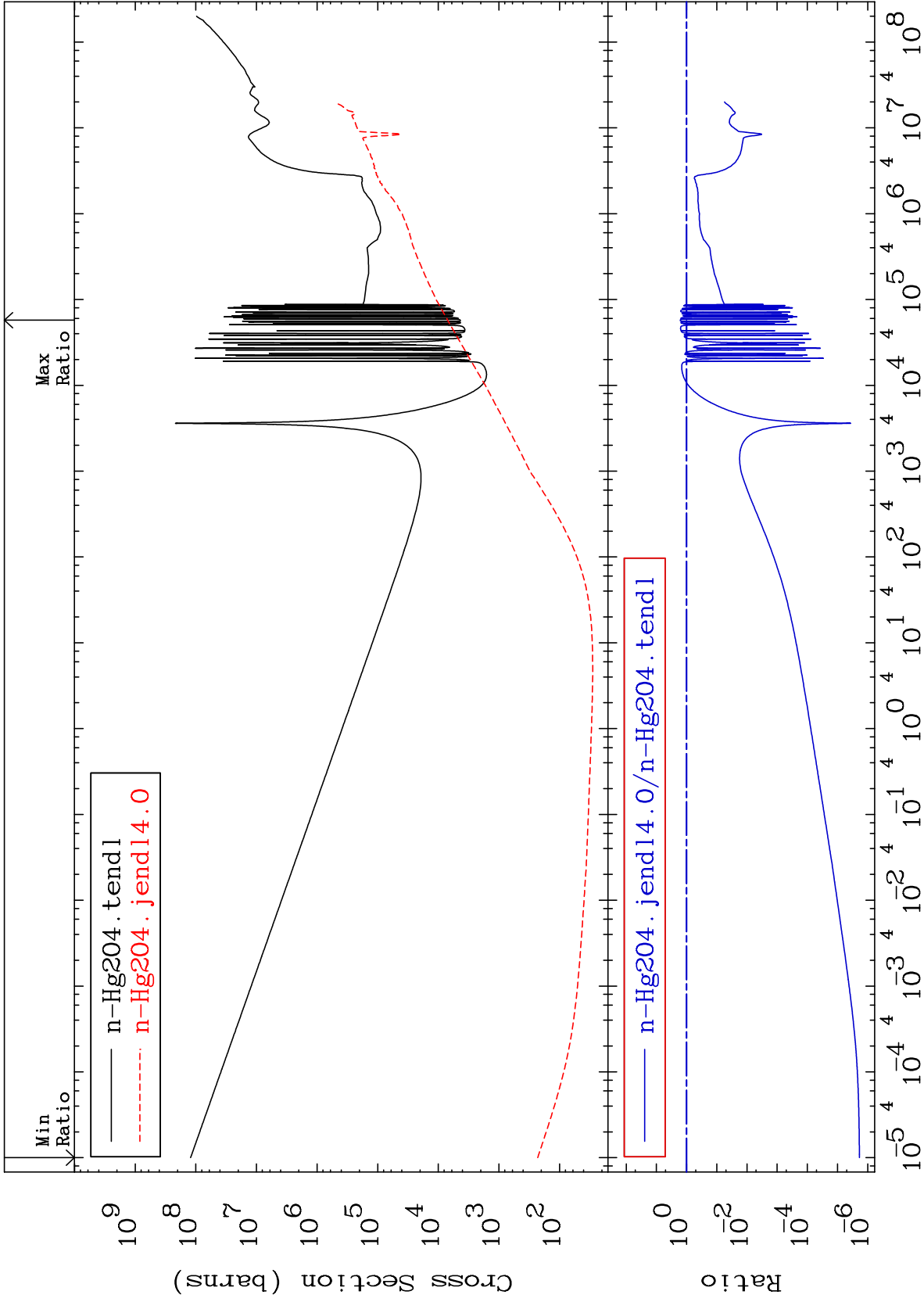
80-Hg-204
-100.0 To 9999. %



40

Incident Energy (eV)

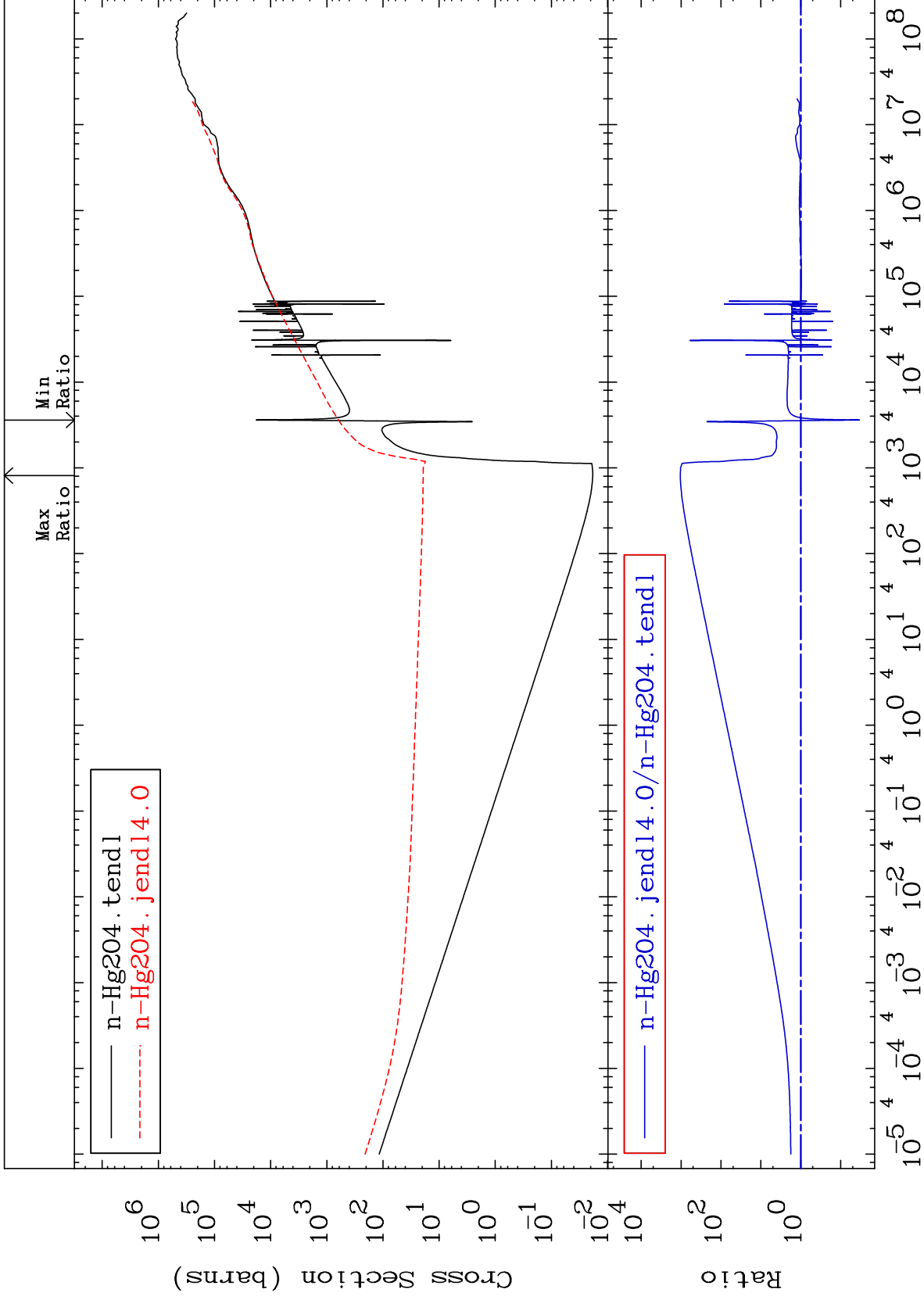
80-Hg-204

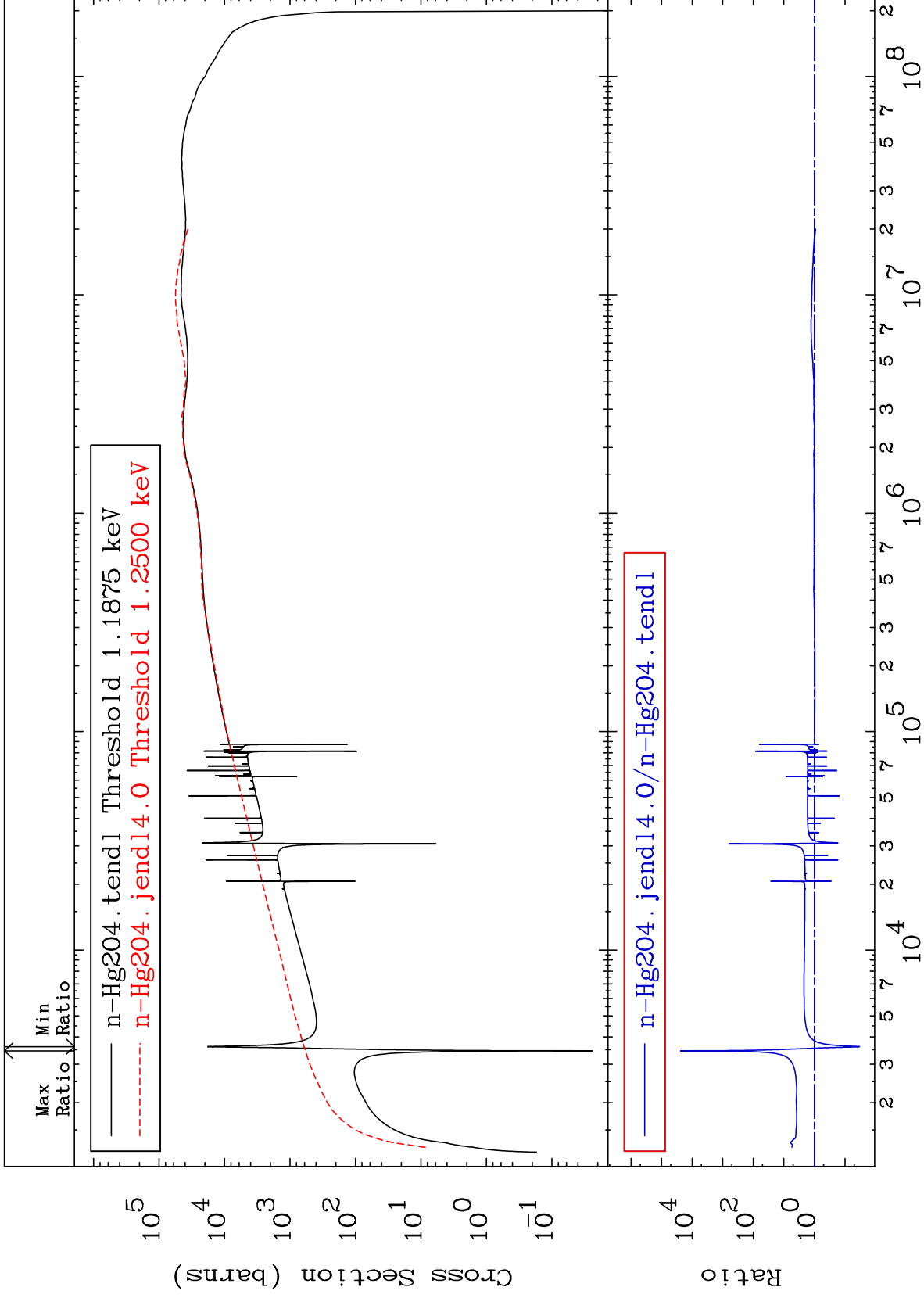


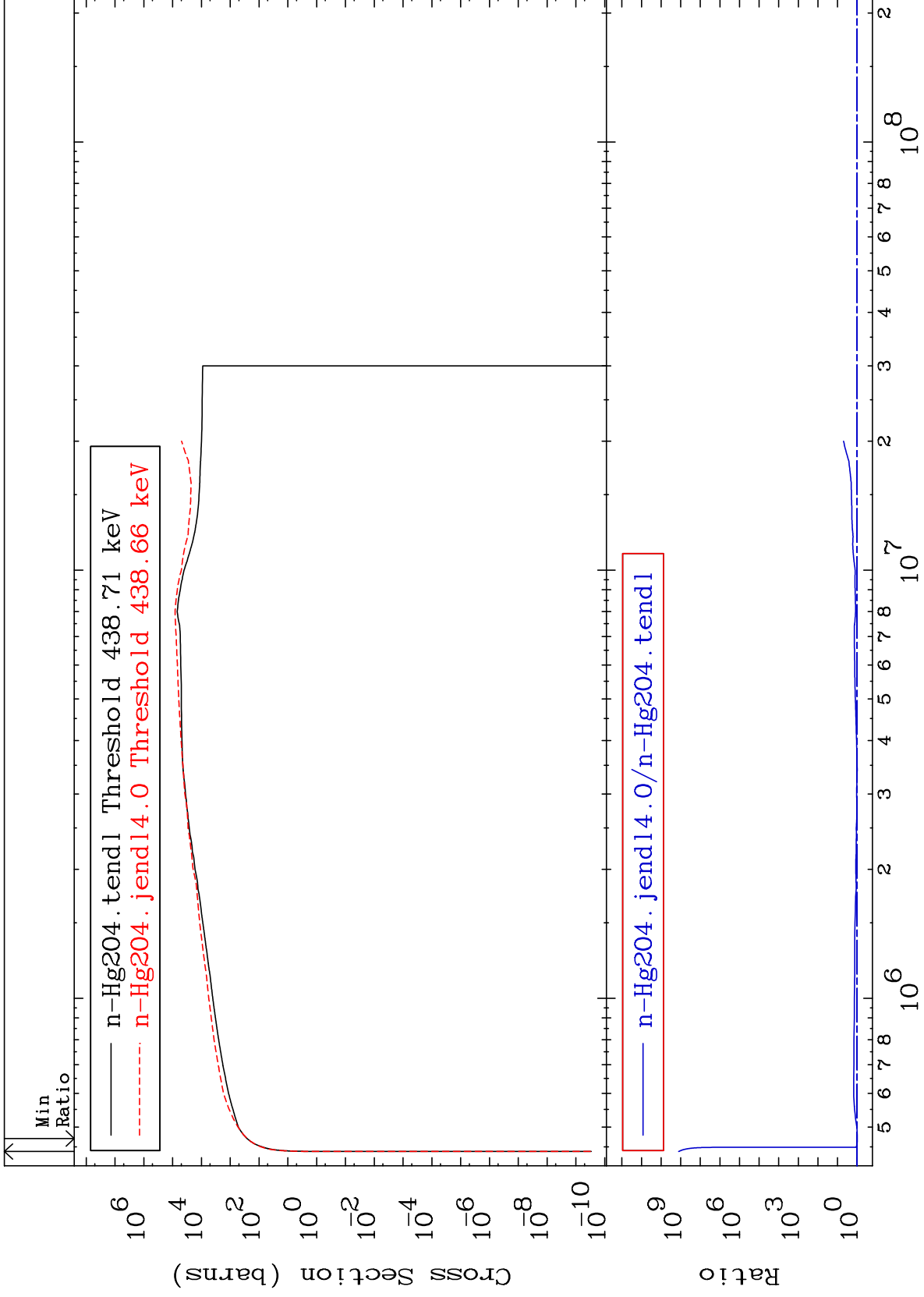
MAT 8049

Dpa total (eV-barns)
Cross Section

80-Hg-204
-96.62 To 9999. %



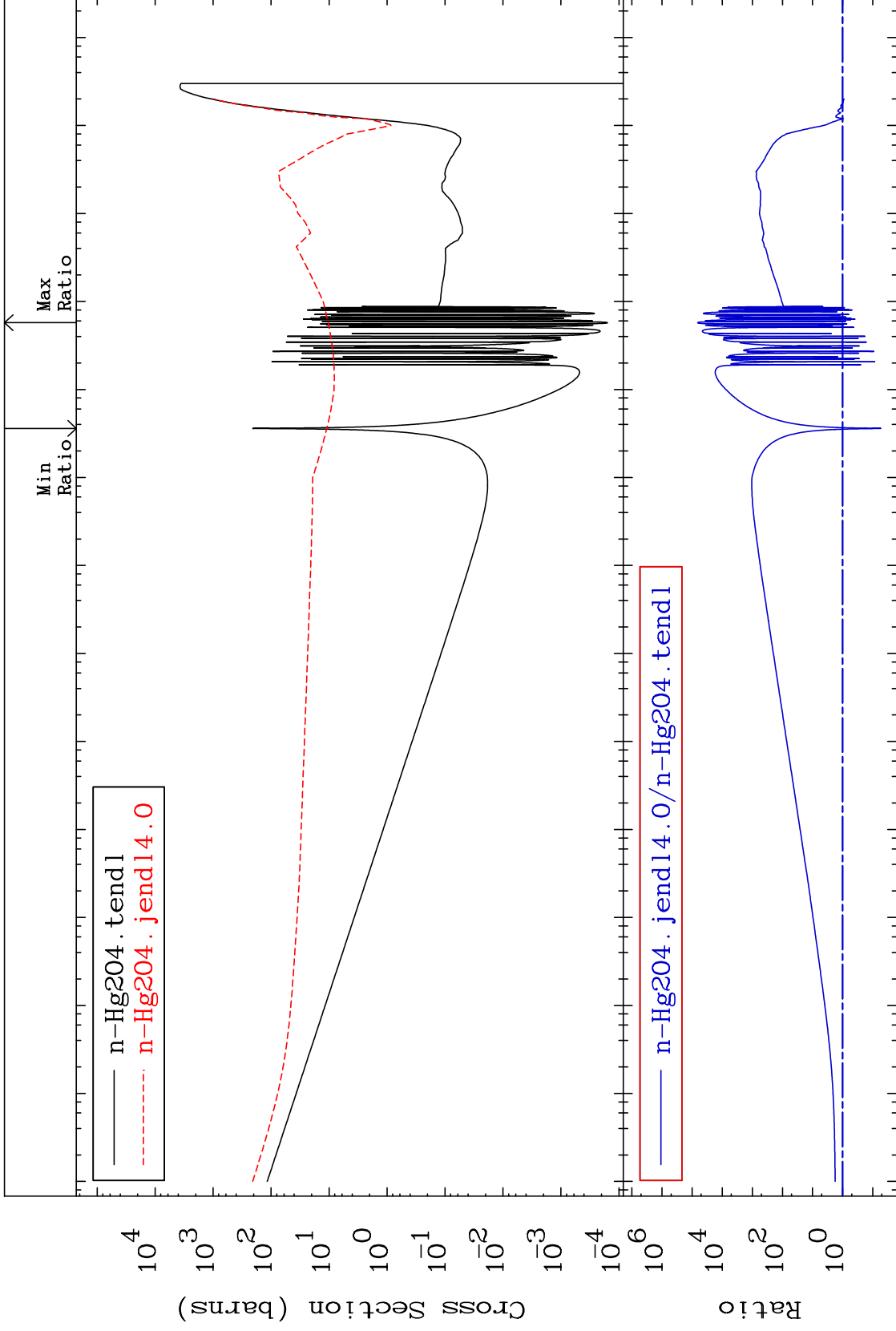




MAT 8049

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-204
-94.71 To 9999. %



45

Incident Energy (eV)

80-Hg-204