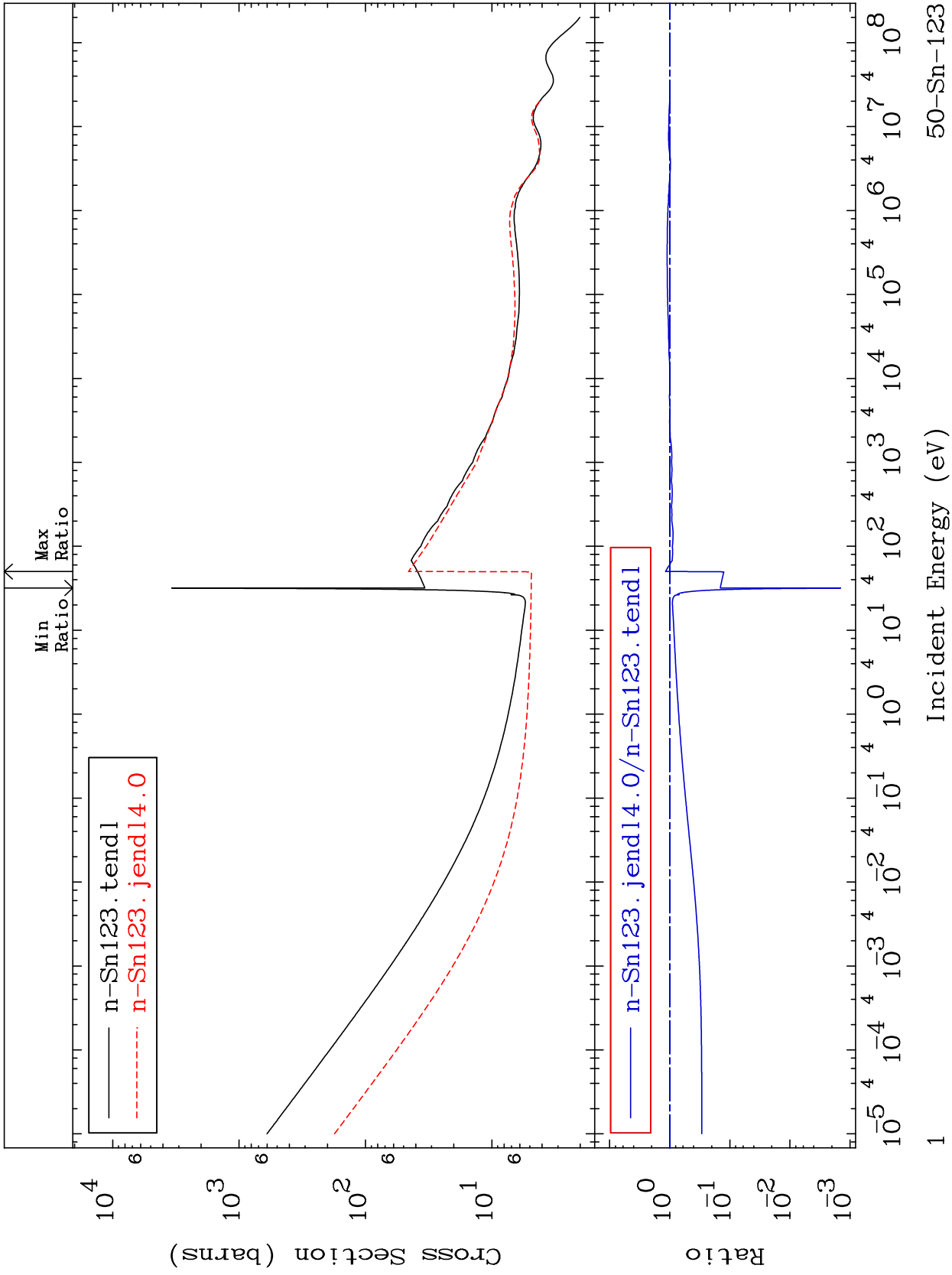


MAT 5058

Total
Cross Section

50-Sn-123
-99.86 To 17.62 %

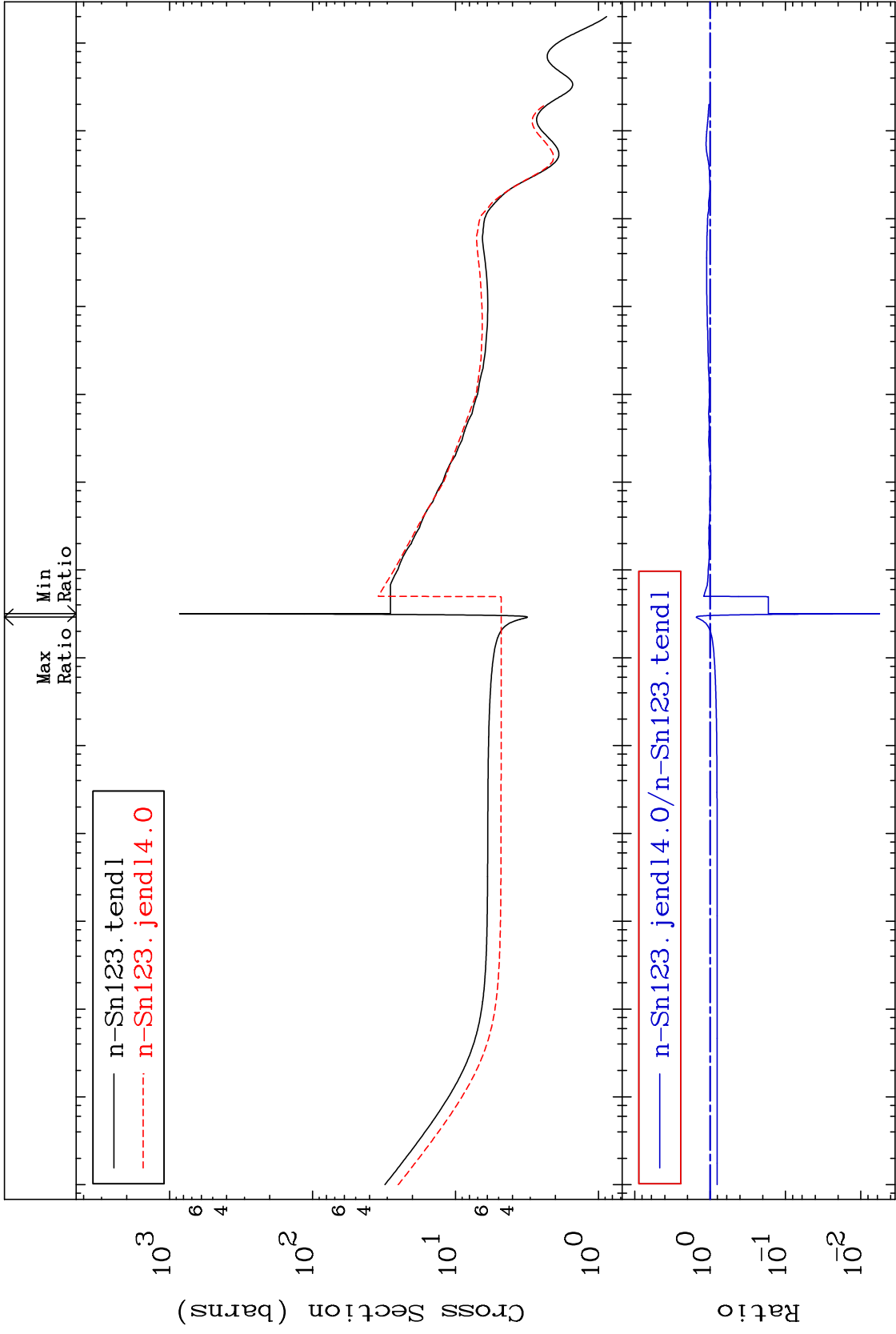


50-Sn-123

MAT 5058

Elastic
Cross Section

50-Sn-123
-99.44 To 52.63 %



Incident Energy (eV)

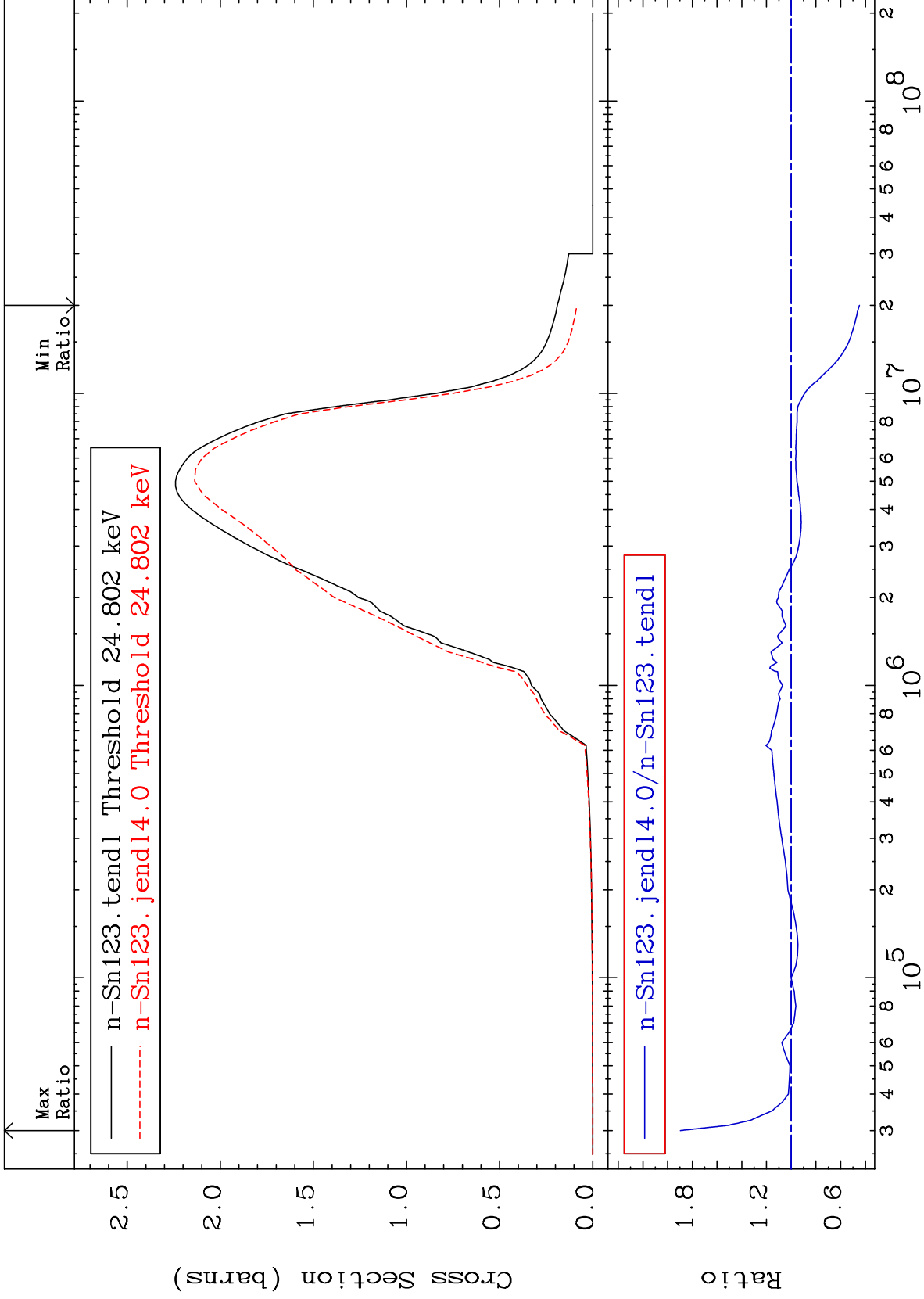
50-Sn-123

2

MAT 5058

Inelastic
Cross Section

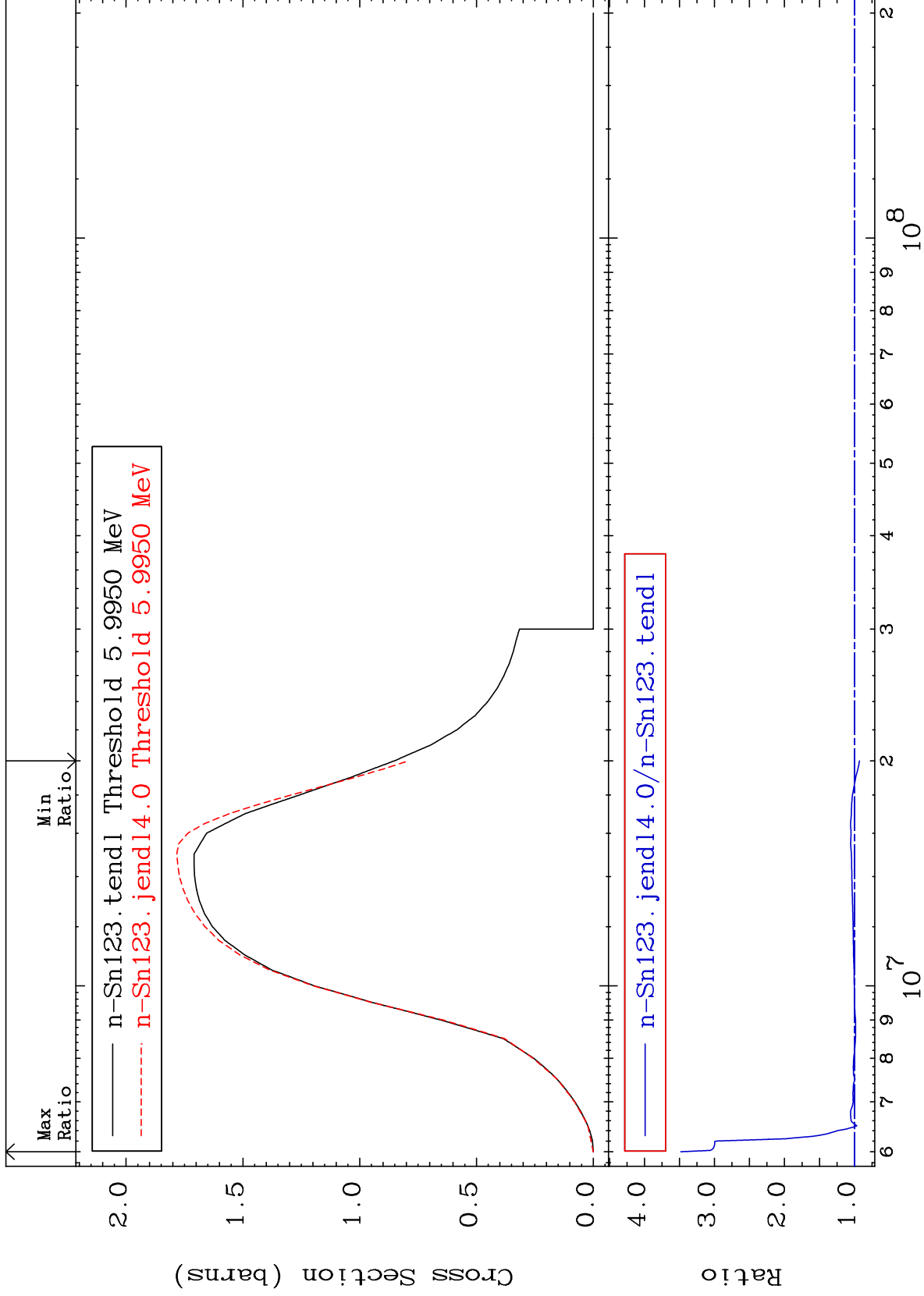
50-Sn-123
-55.19 To 89.69 %



MAT 5058

(n,2n)
Cross Section

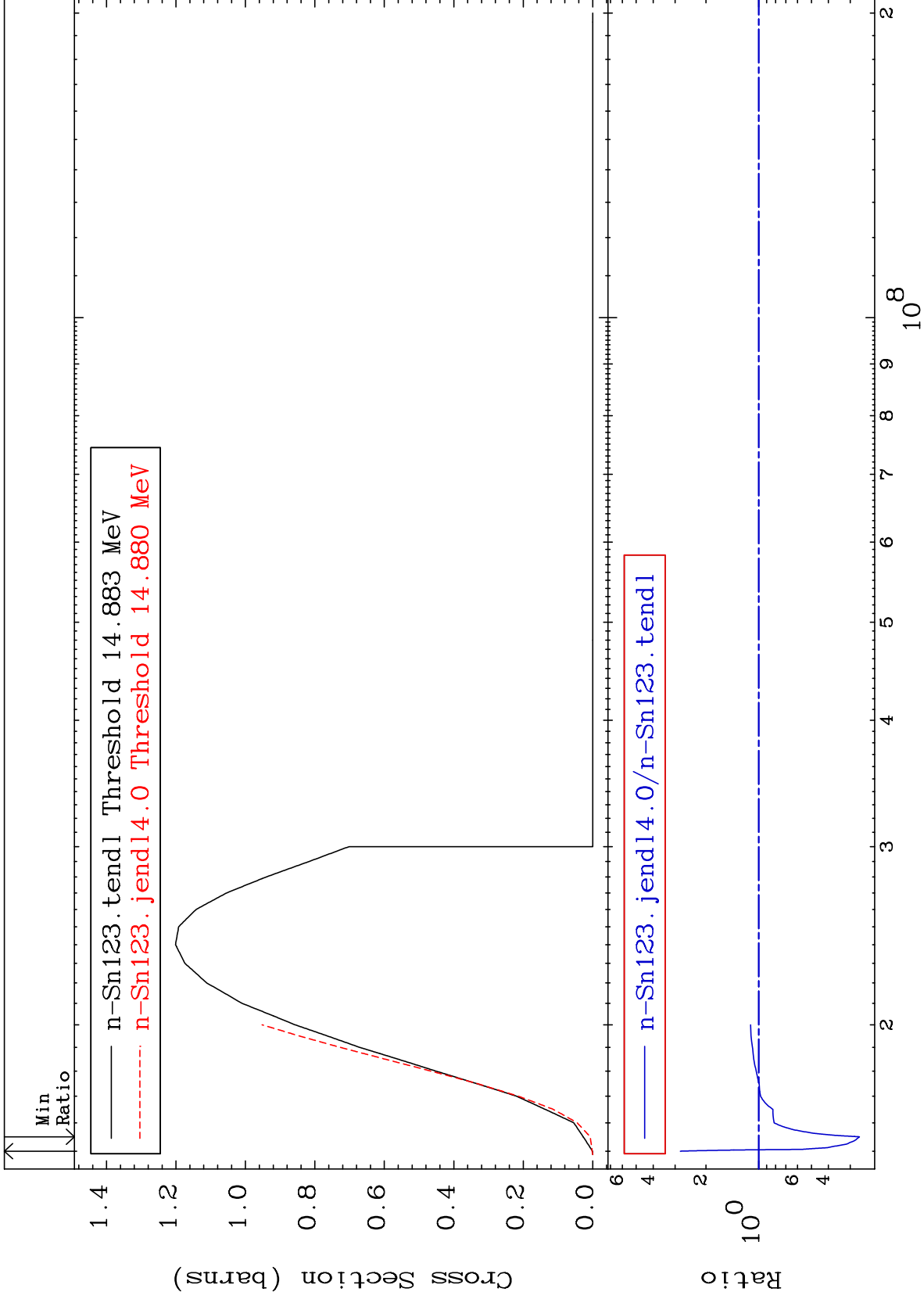
50-Sn-123
-7.200 To 248.1 %



MAT 5058

(n,3n)
Cross Section

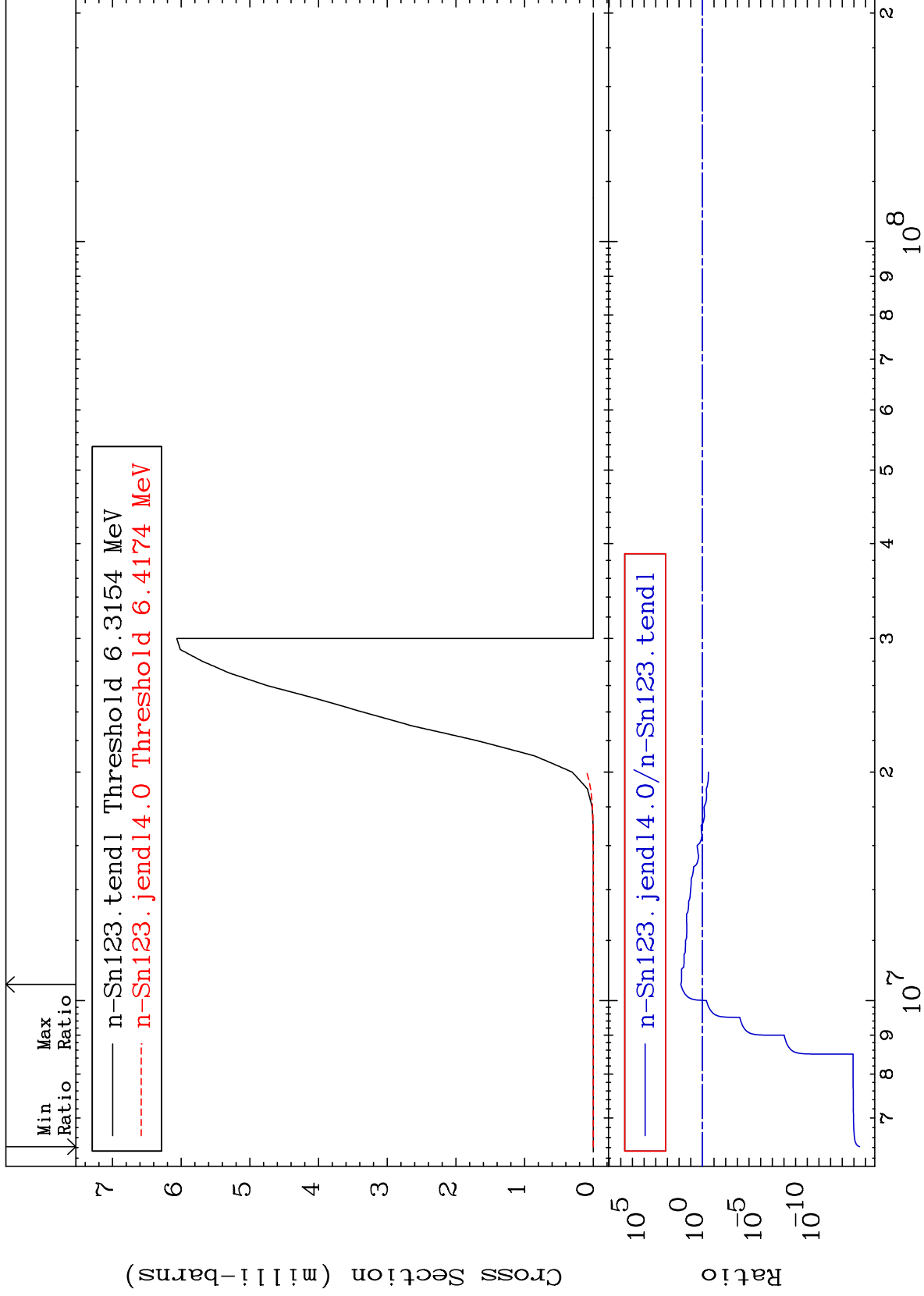
50-Sn-123
-73.41 To 179.6 %



MAT 5058

(n,n') α
Cross Section

50-Sn-123
-100.0 To 6982. %



6

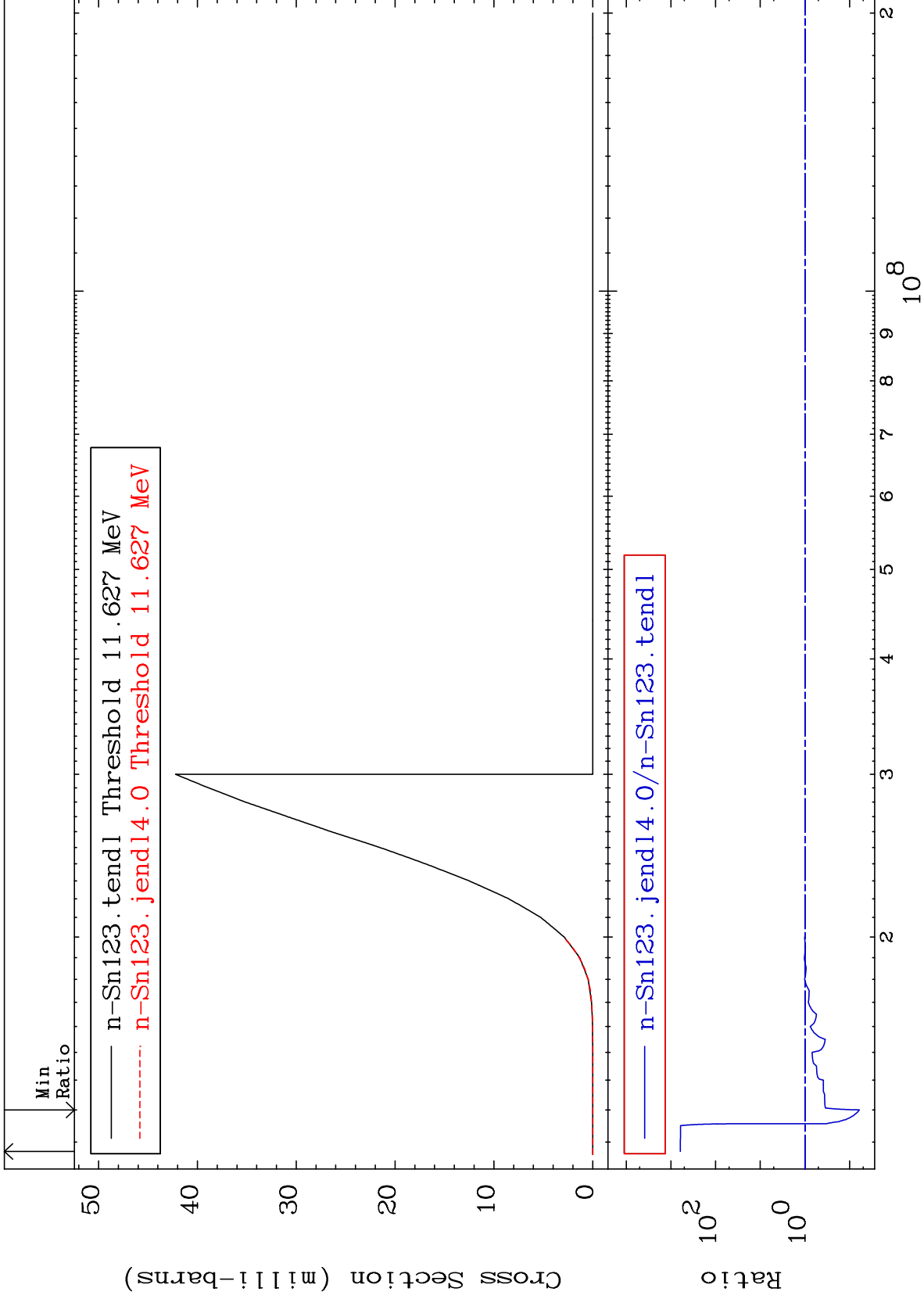
Incident Energy (eV)

50-Sn-123

MAT 5058

(n,n') p
Cross Section

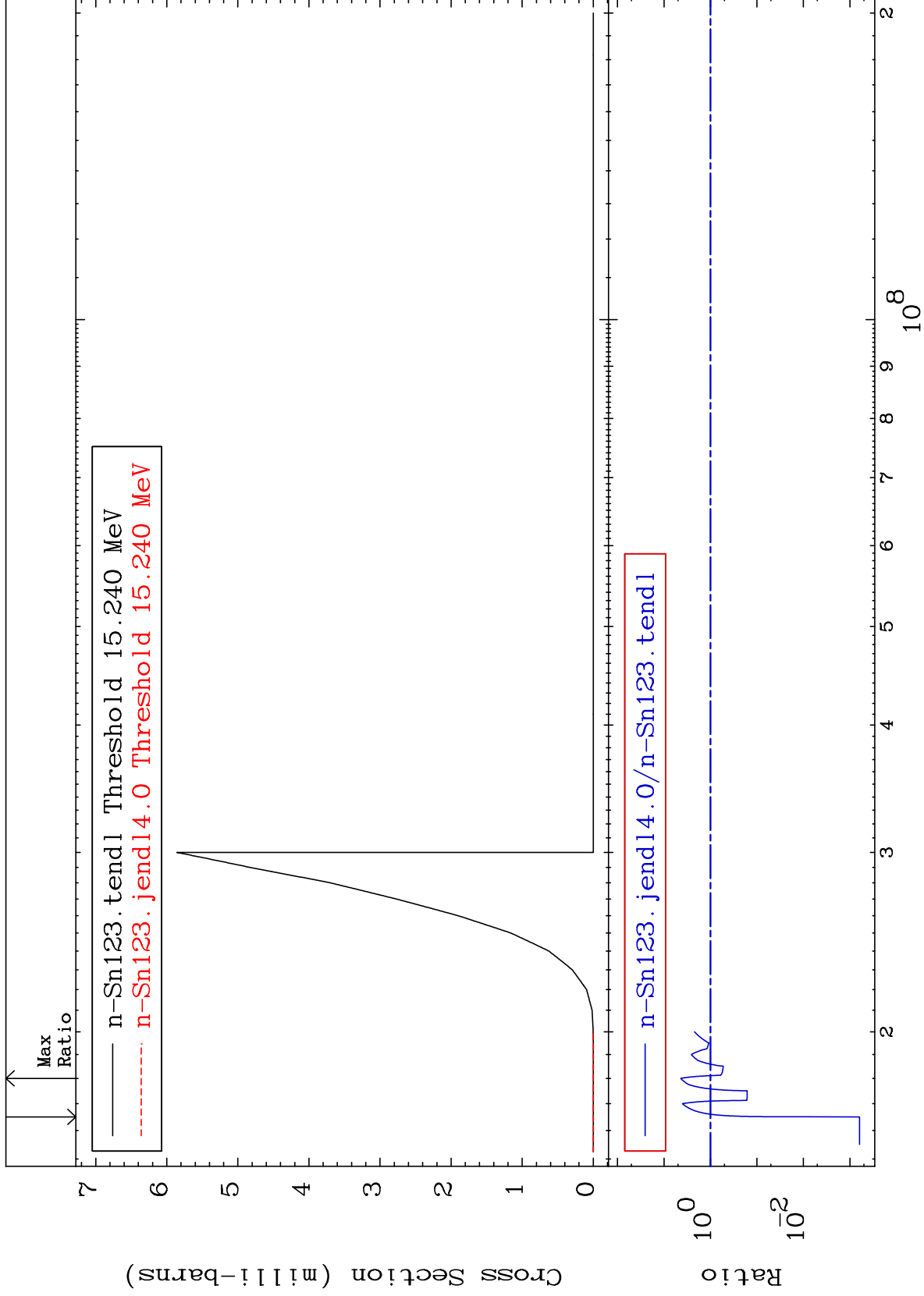
50-Sn-123
-93.96 To 9999. %



MAT 5058

(n,n') d
Cross Section

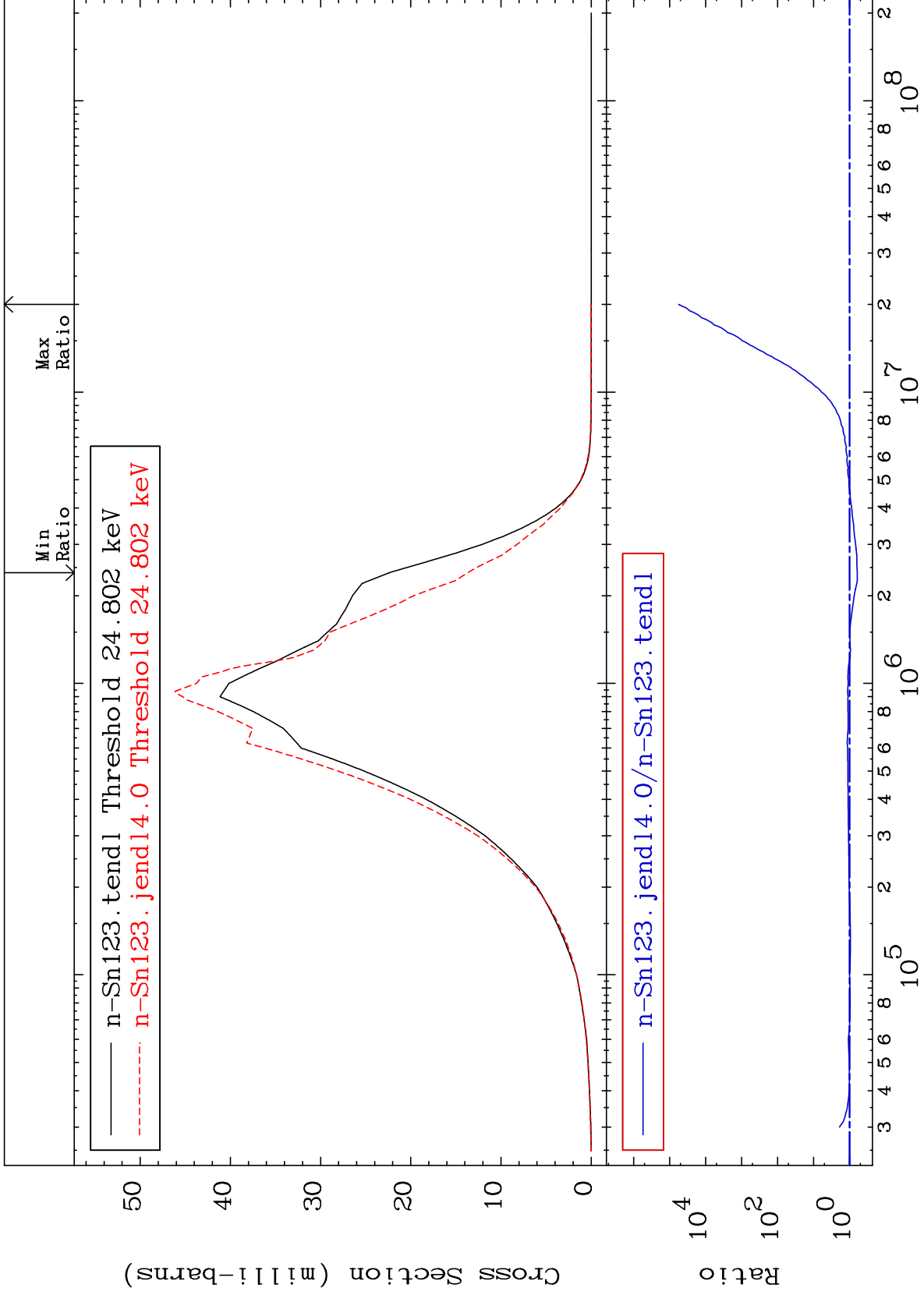
50-Sn-123
-99.94 To 335.0 %



MAT 5058

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

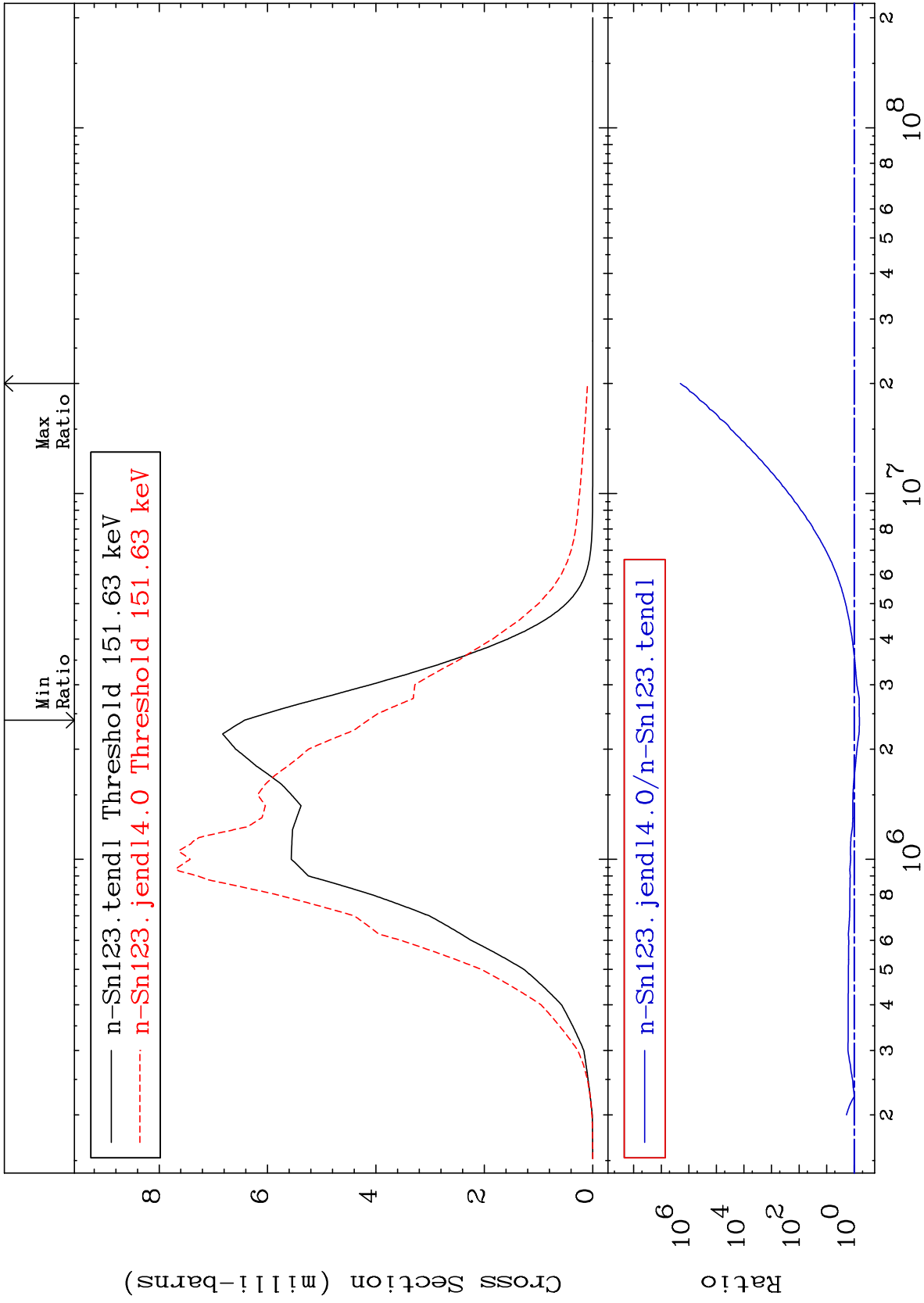
50-Sn-123
-38.93 To 9999. %



MAT 5058

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

50-Sn-123
-35.50 To 9999. %



10

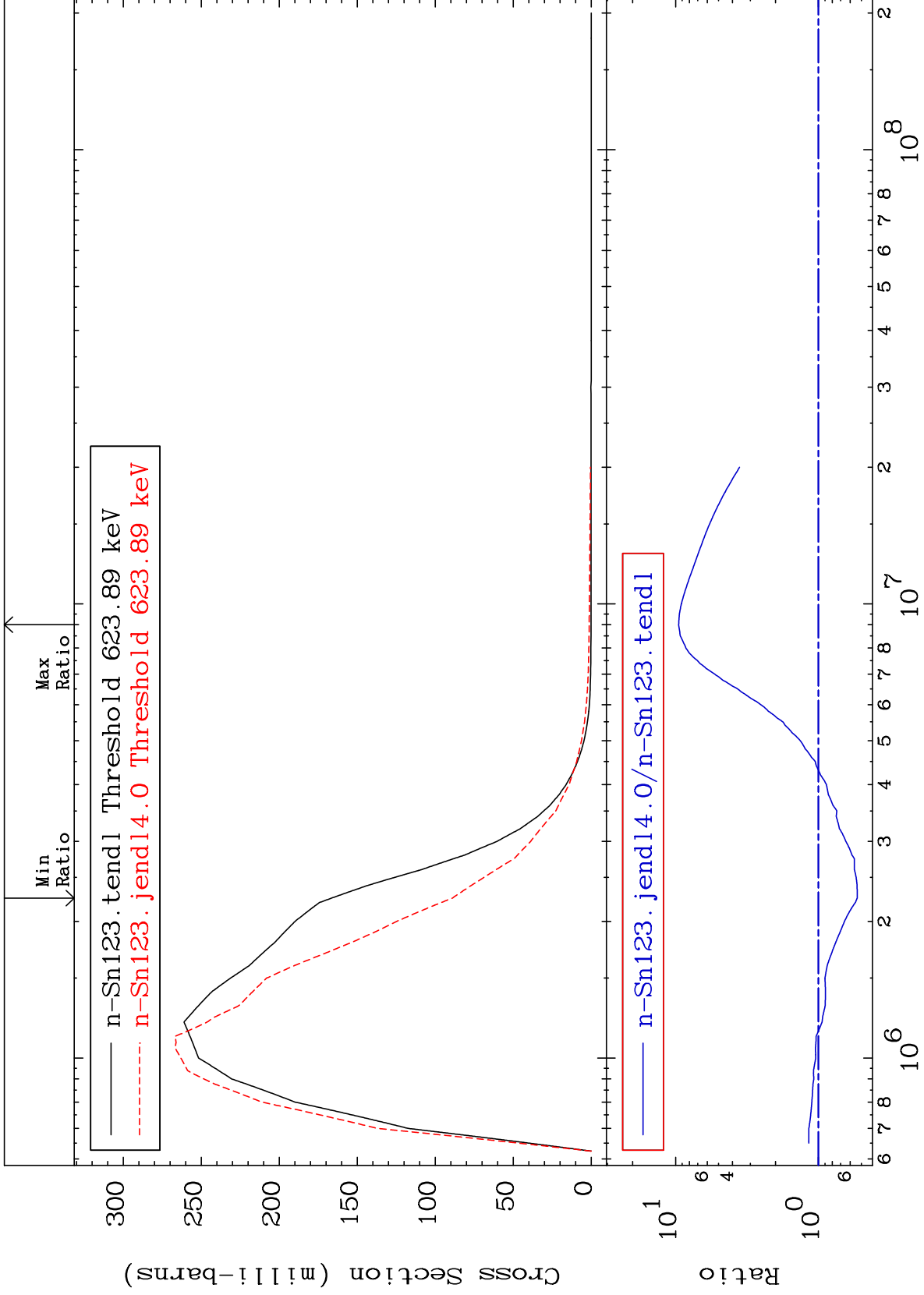
Incident Energy (eV)

50-Sn-123

MAT 5058

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

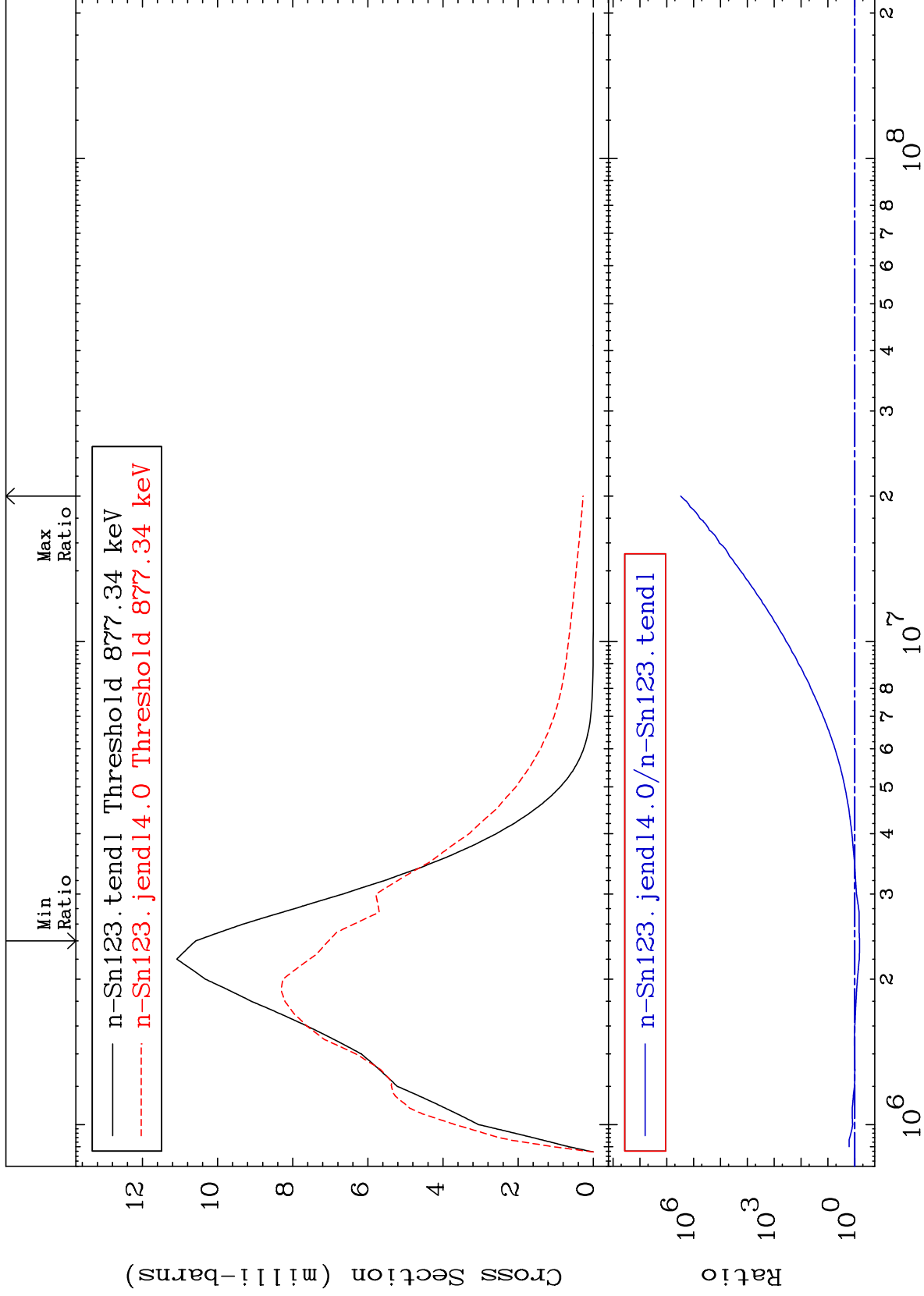
50-Sn-123
-46.51 To 852.1 %



MAT 5058

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

50-Sn-123
-33.42 To 9999. %



12

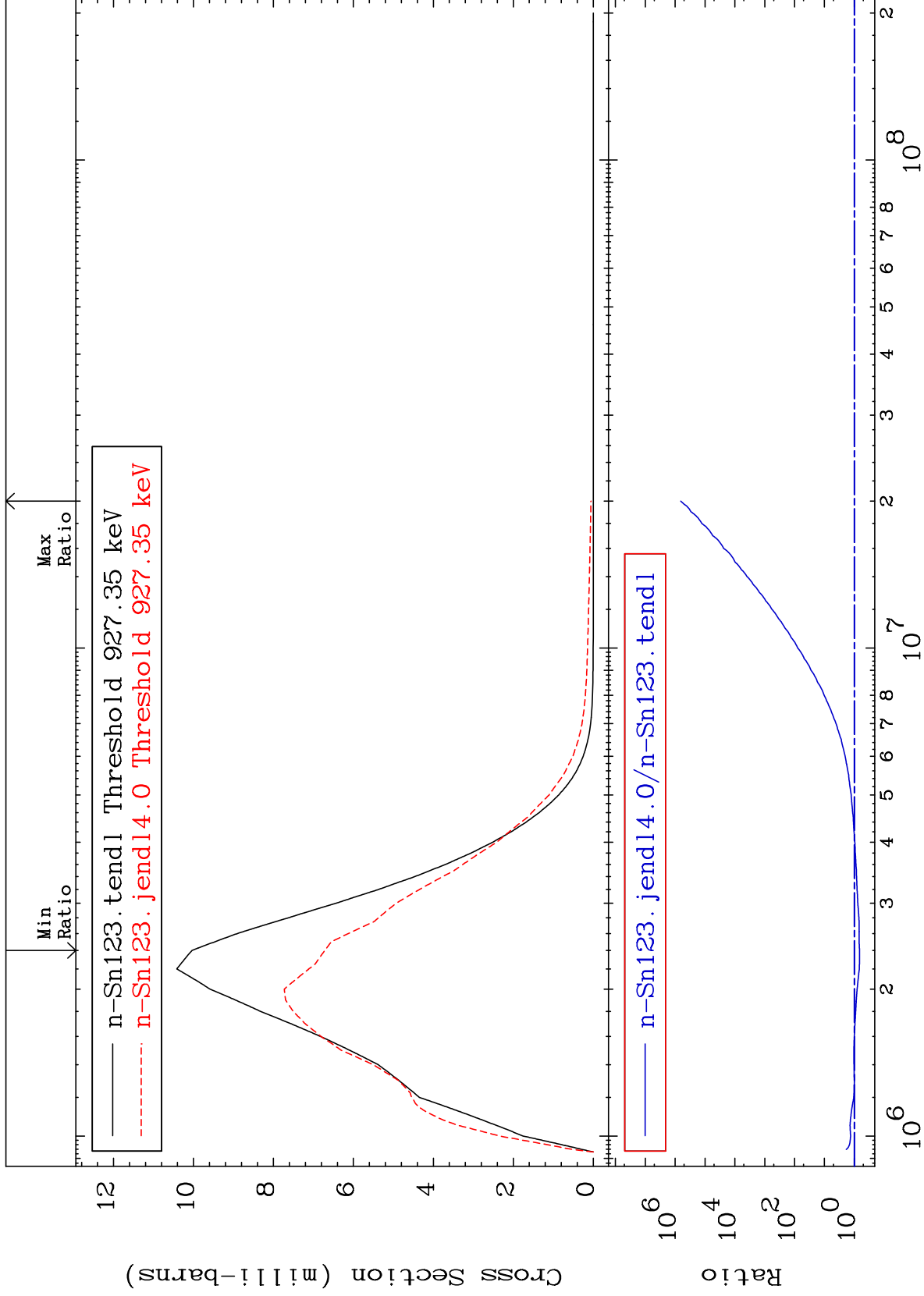
Incident Energy (eV)

50-Sn-123

MAT 5058

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

50-Sn-123
-33.11 To 9999. %



13

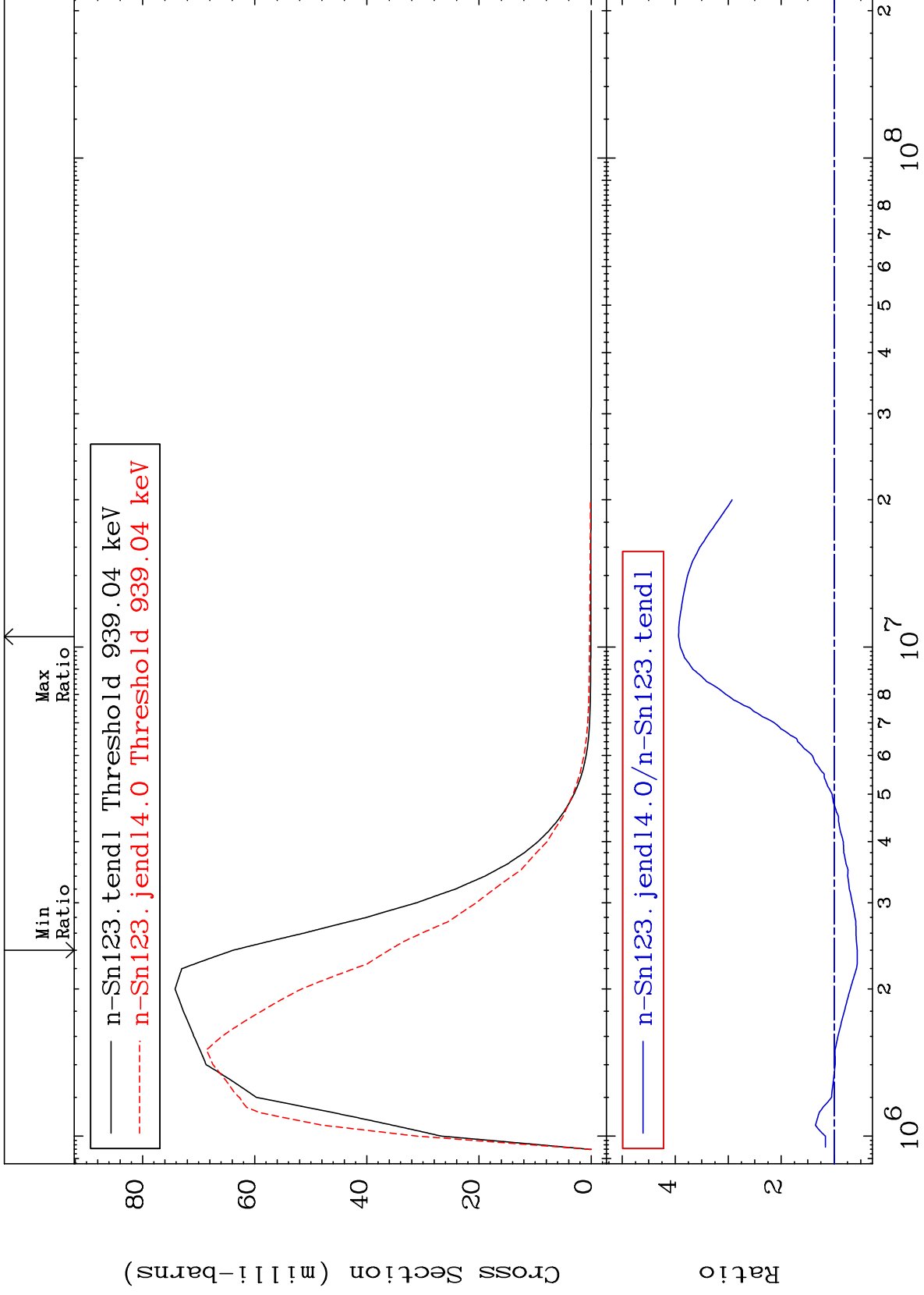
Incident Energy (eV)

50-Sn-123

MAT 5058

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

50-Sn-123
-43.51 To 293.5 %



14

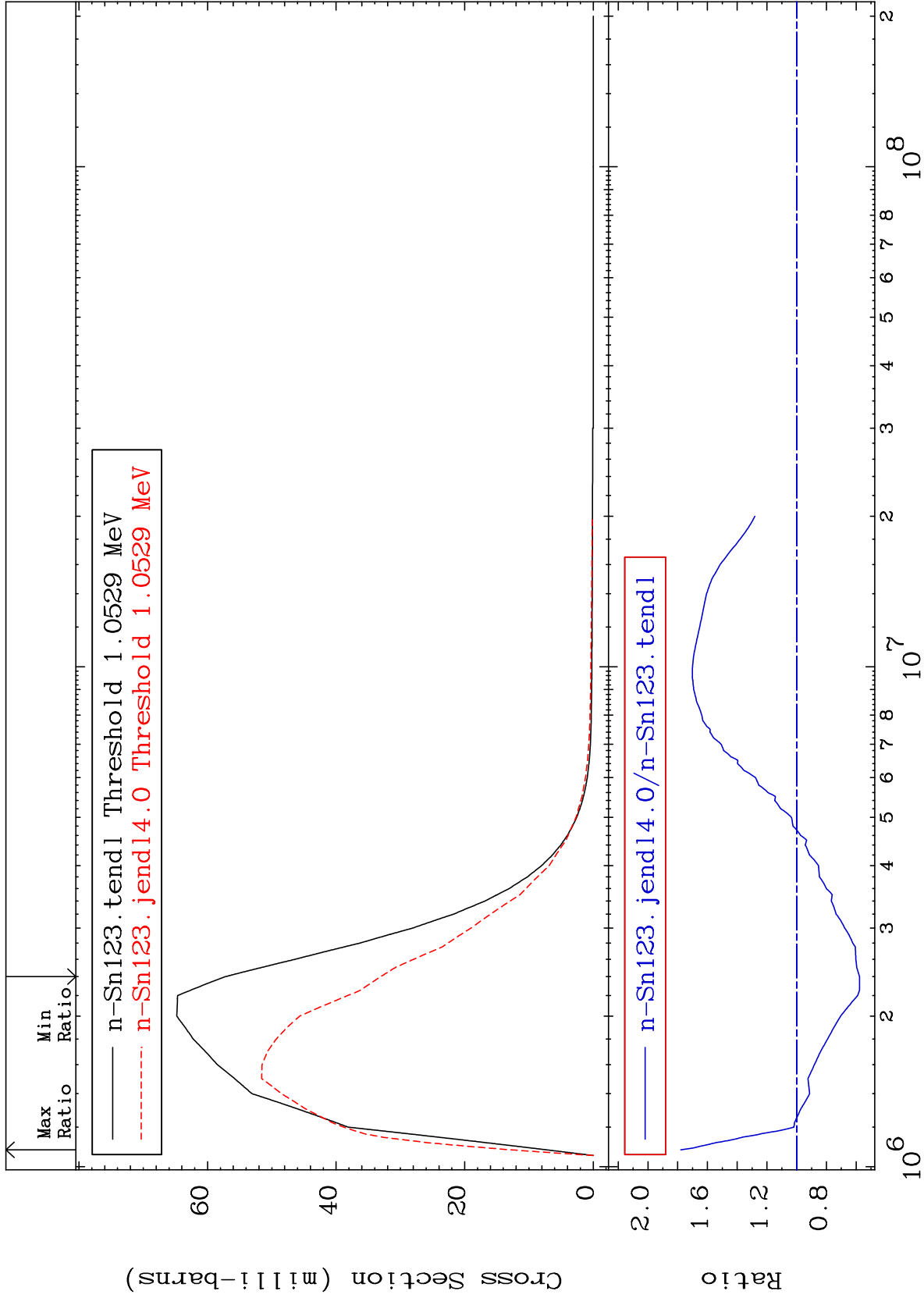
Incident Energy (eV)

50-Sn-123

MAT 5058

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

50-Sn-123
-42.25 To 77.93 %



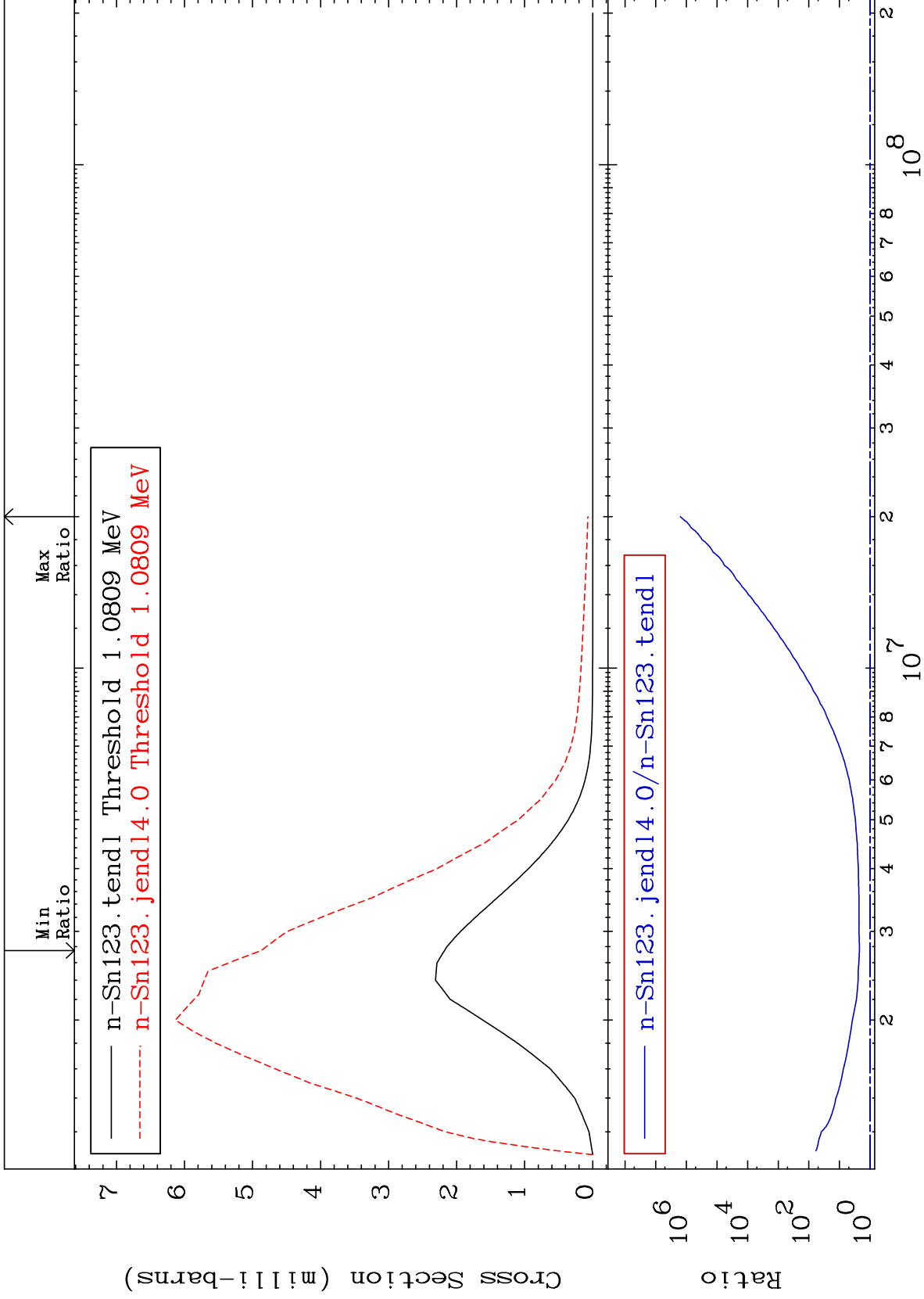
Incident Energy (eV)

50-Sn-123

MAT 5058

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

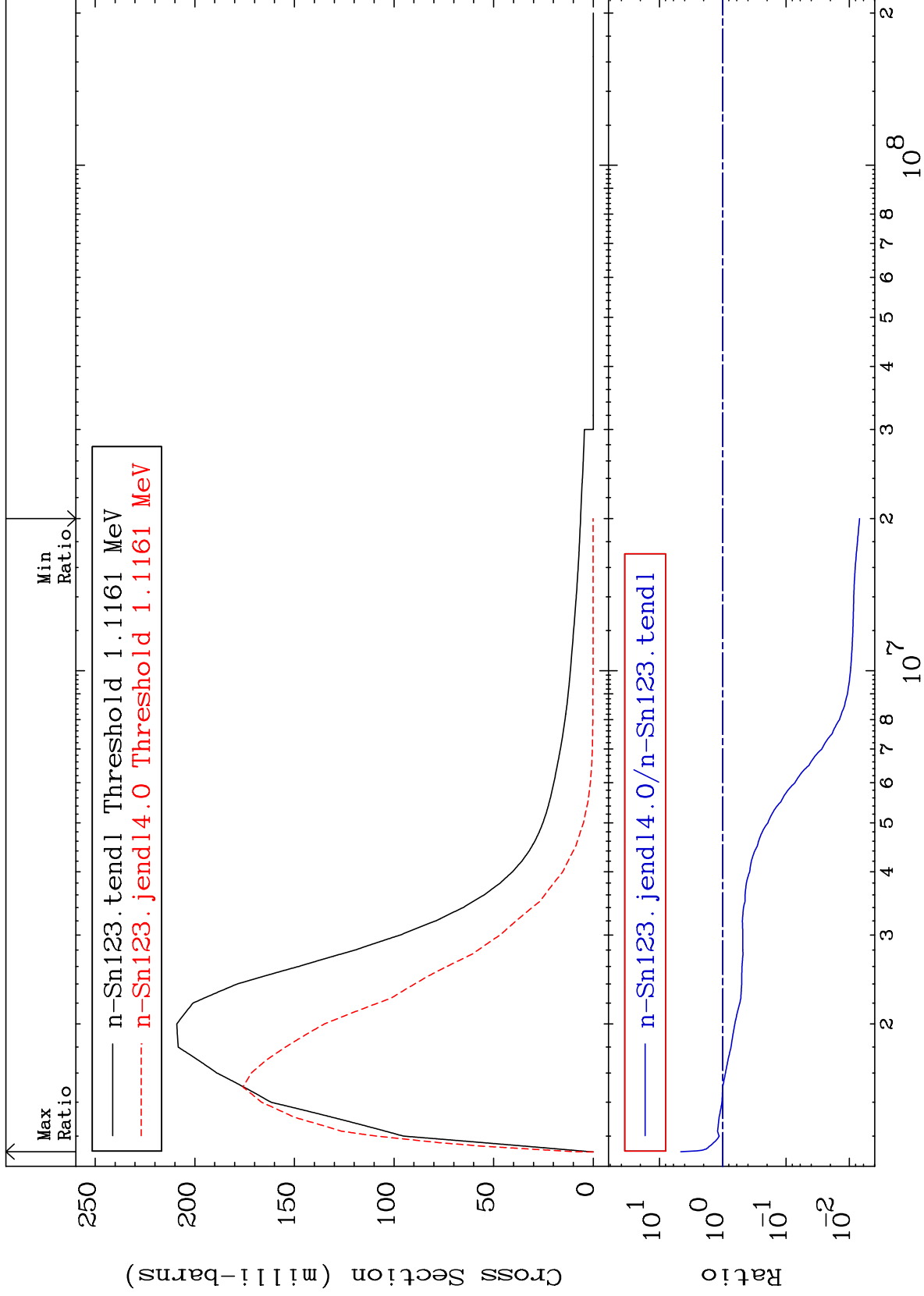
50-Sn-123
123.6 To 9999. %



MAT 5058

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

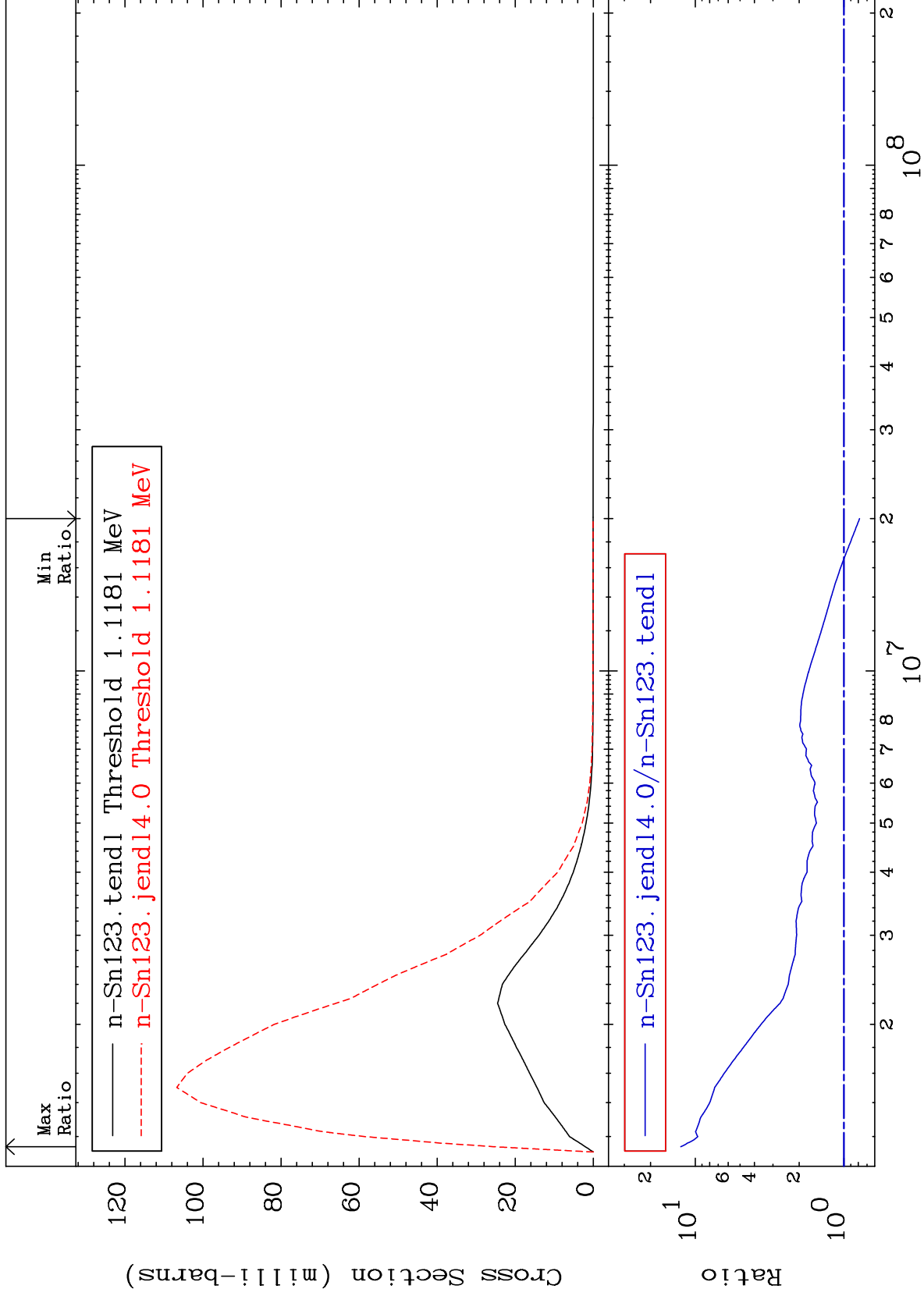
50-Sn-123
-99.31 To 360.8 %



MAT 5058

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

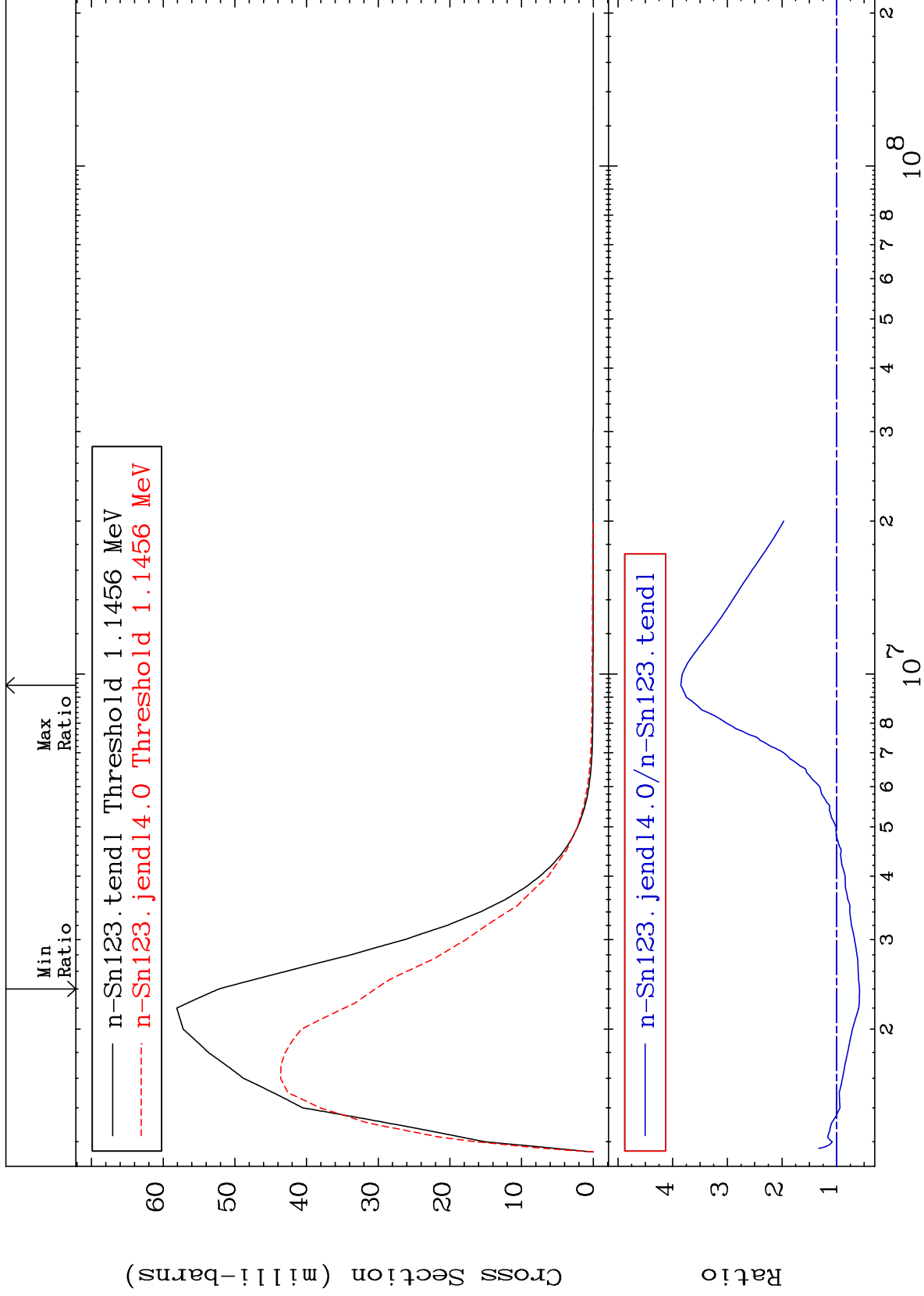
50-Sn-123
-21.42 To 1151. %



MAT 5058

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

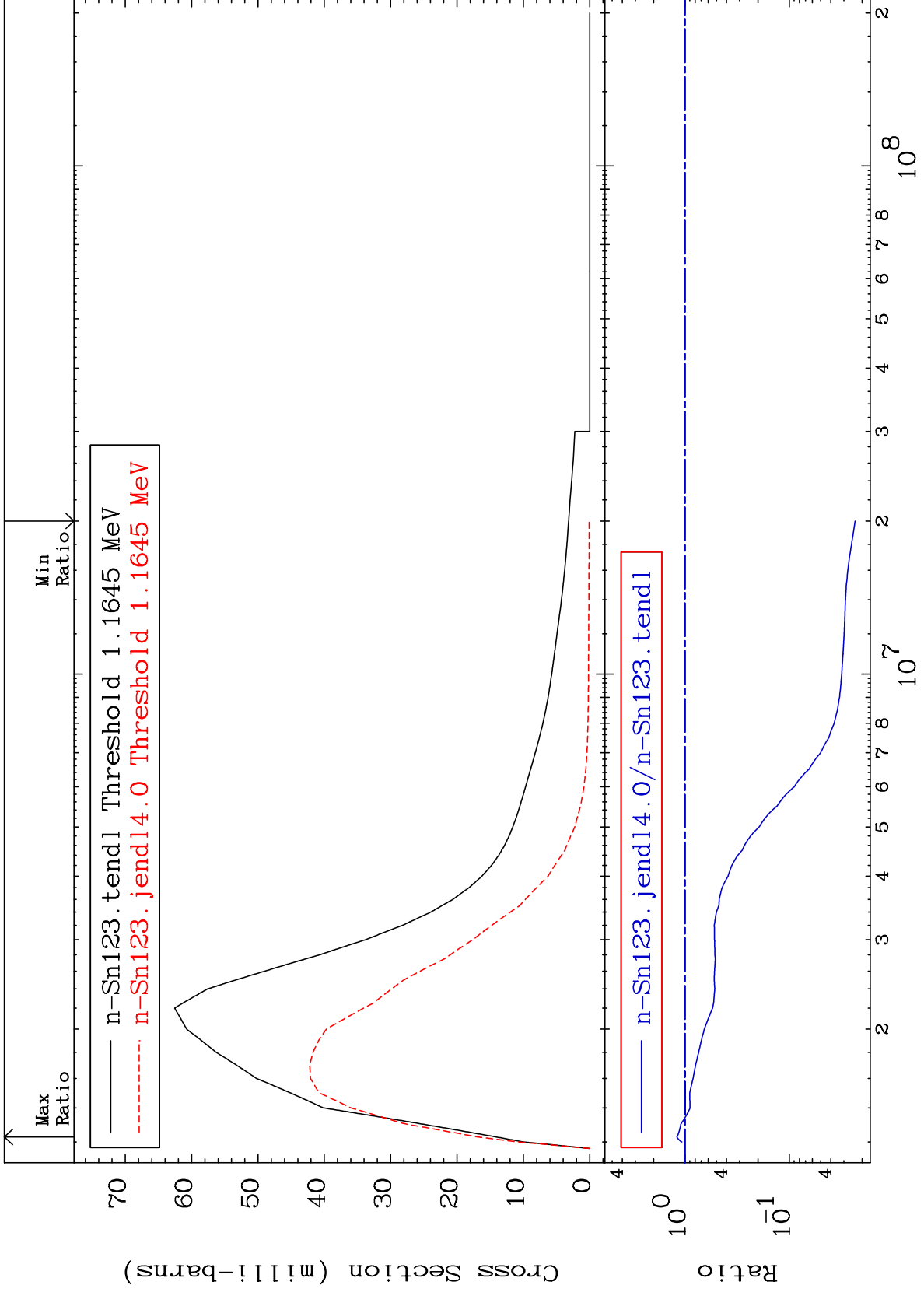
50-Sn-123
-41.77 To 285.2 %



MAT 5058

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

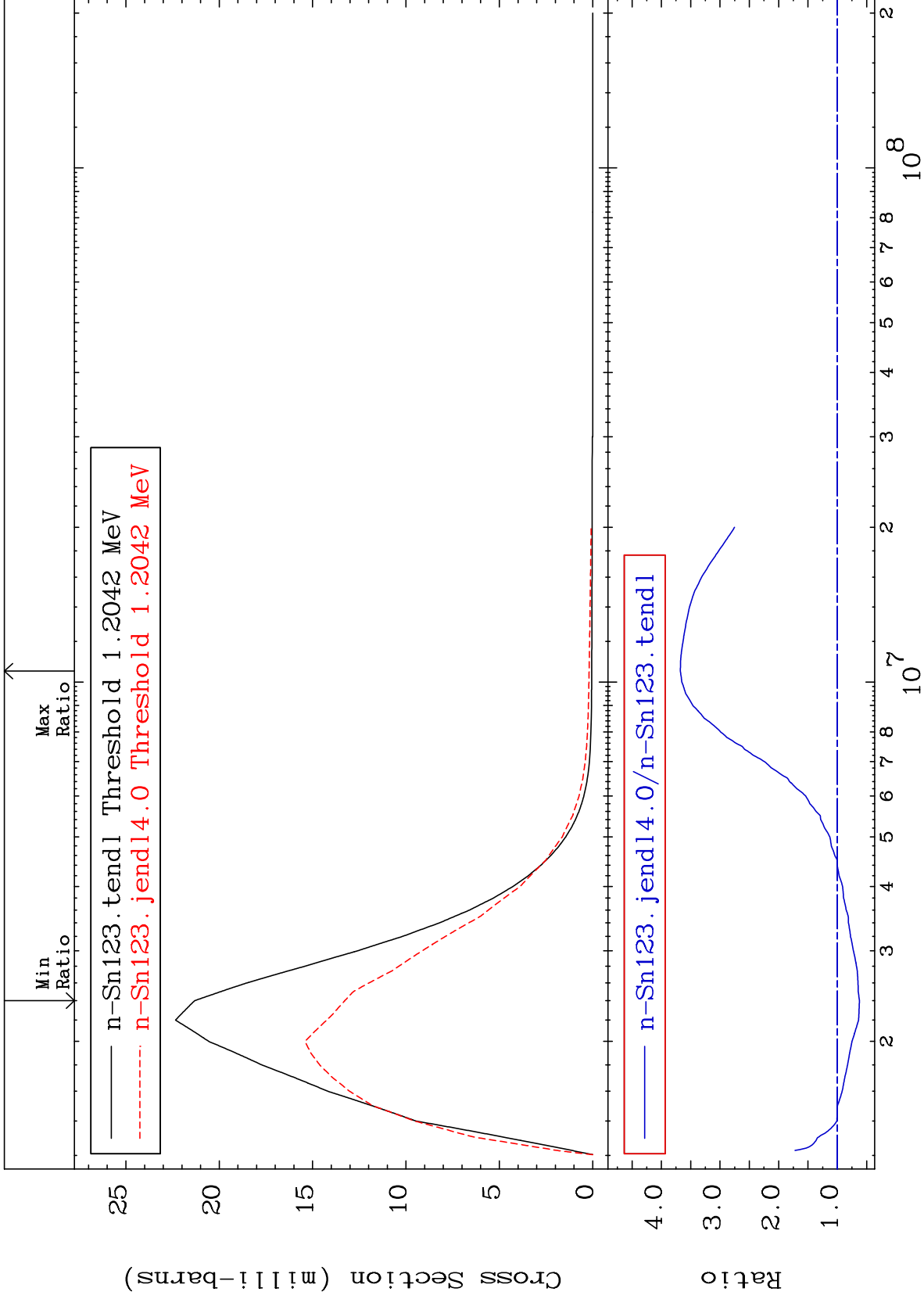
50-Sn-123
-97.66 To 19.63 %



MAT 5058

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

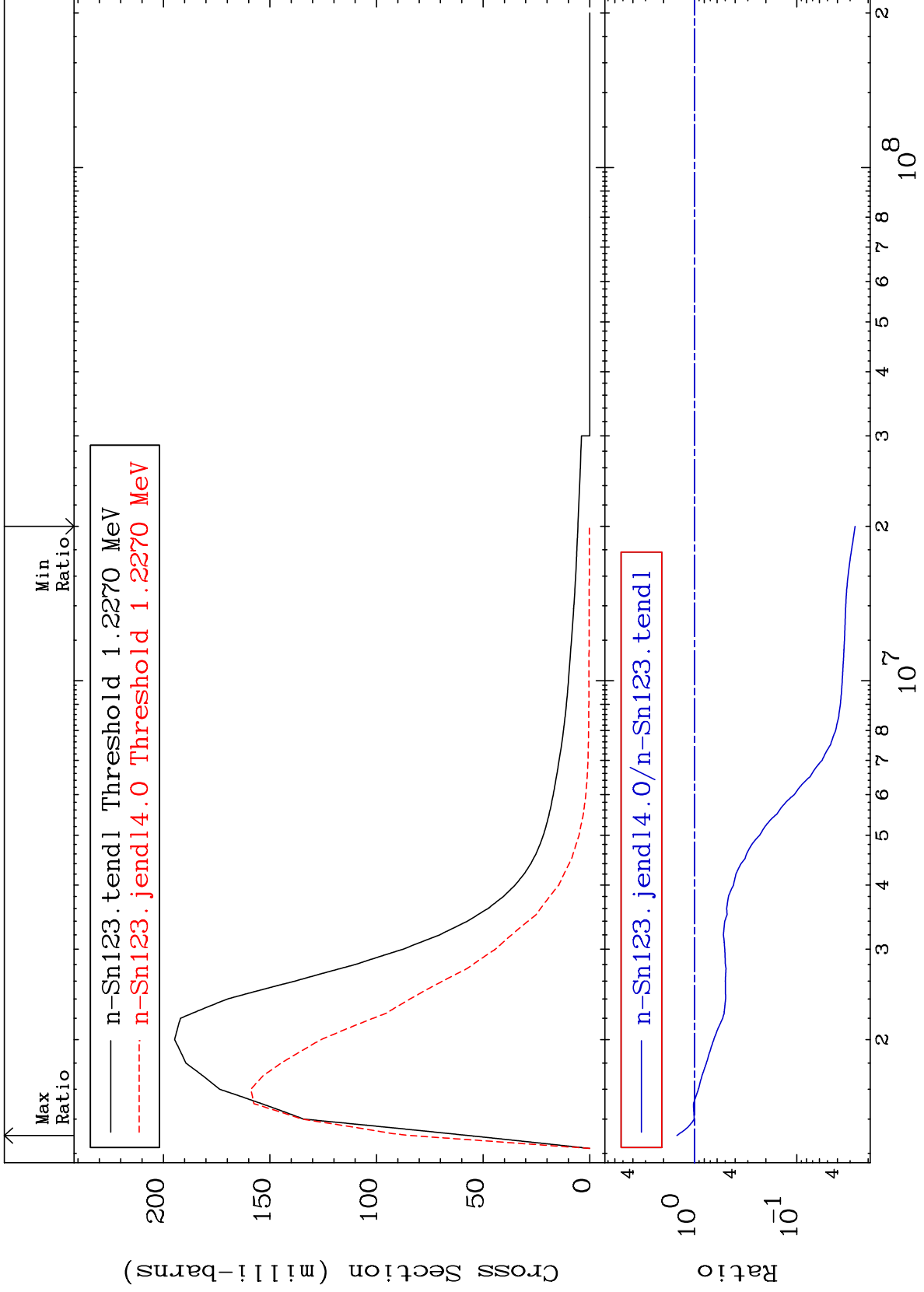
50-Sn-123
-37.72 To 267.6 %



MAT 5058

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

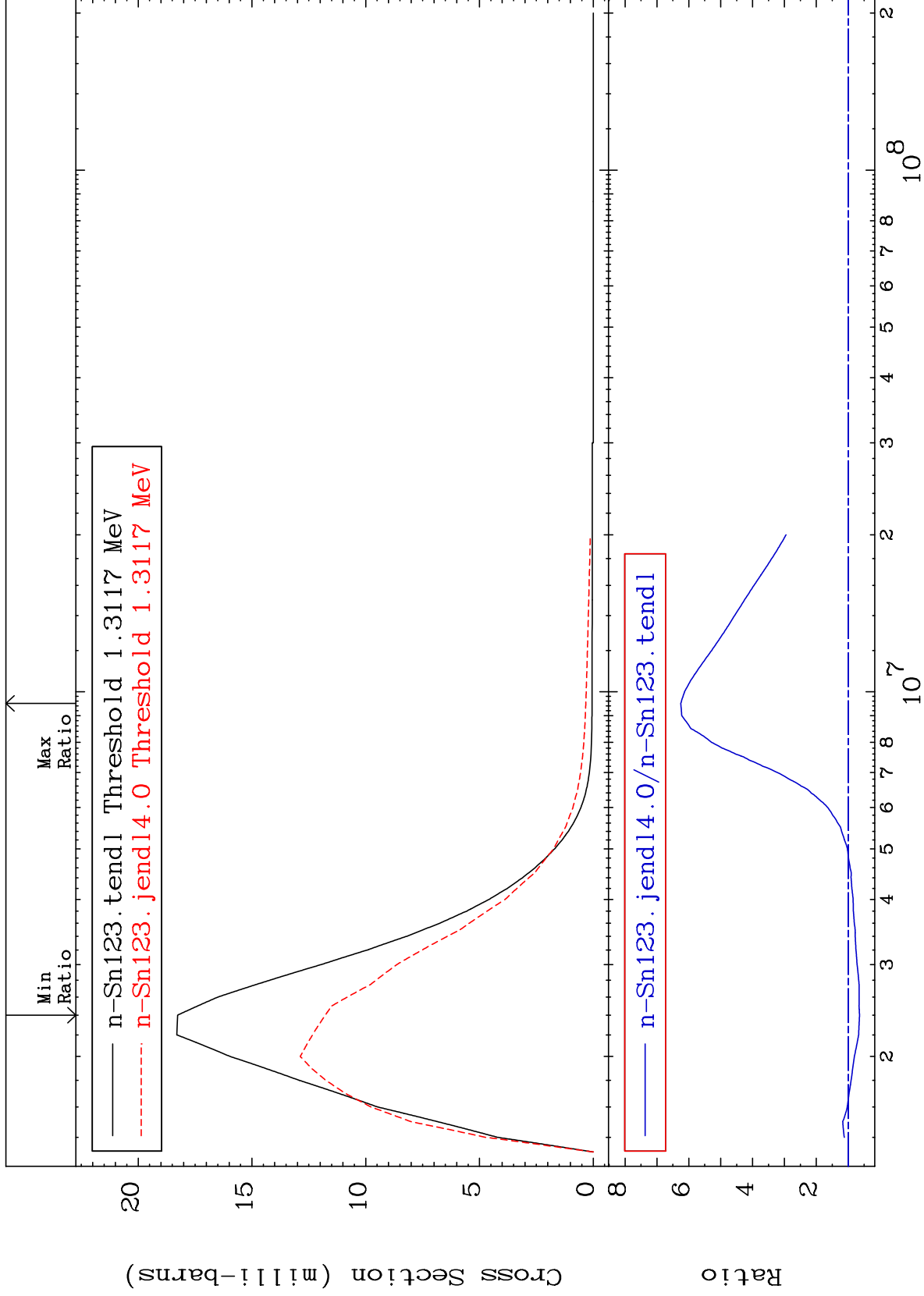
50-Sn-123
-97.31 To 48.29 %



MAT 5058

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

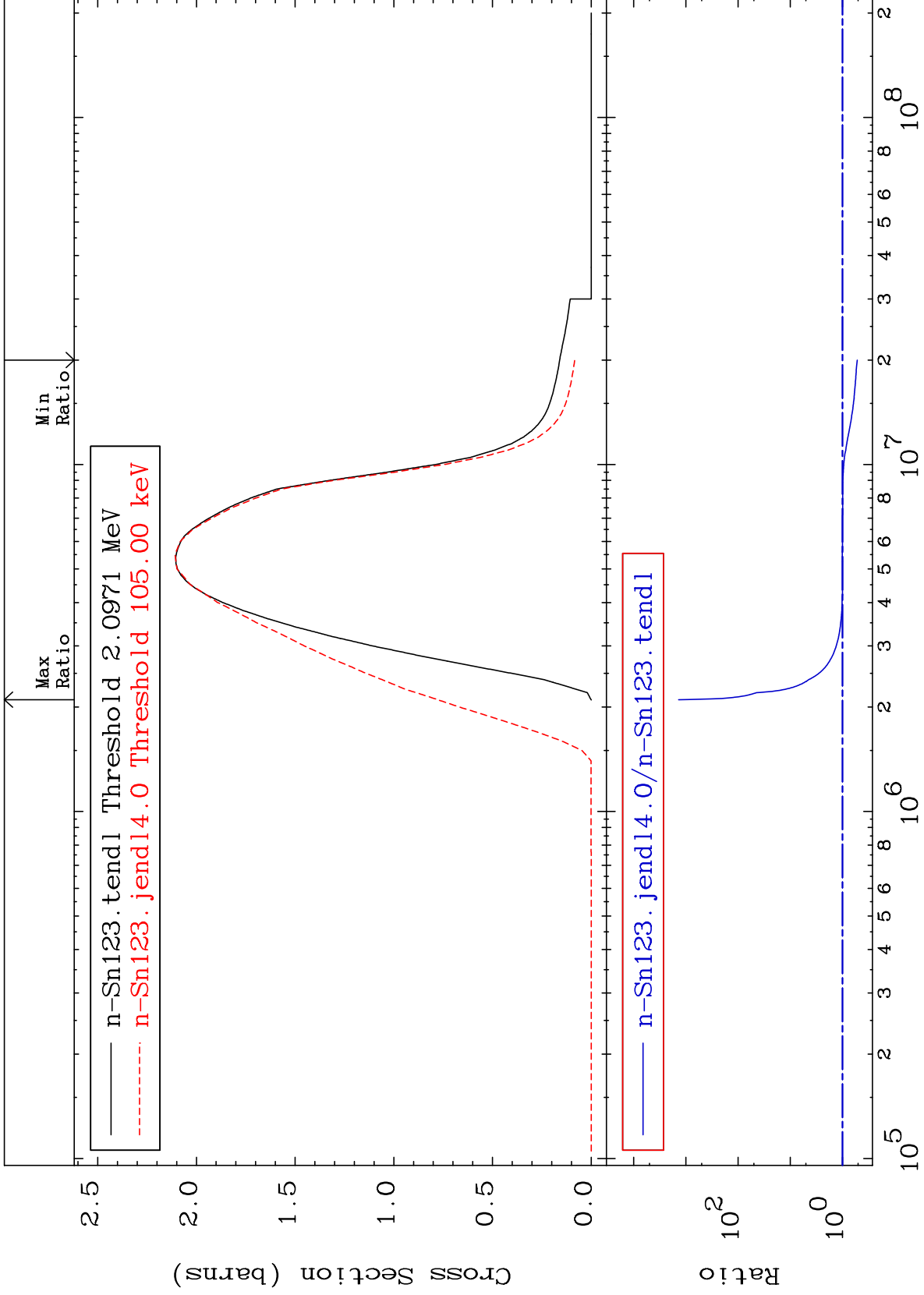
50-Sn-123
-35.53 To 525.2 %



MAT 5058

(n, n') Continuum
Cross Section

50-Sn-123
-48.06 To 9999. %



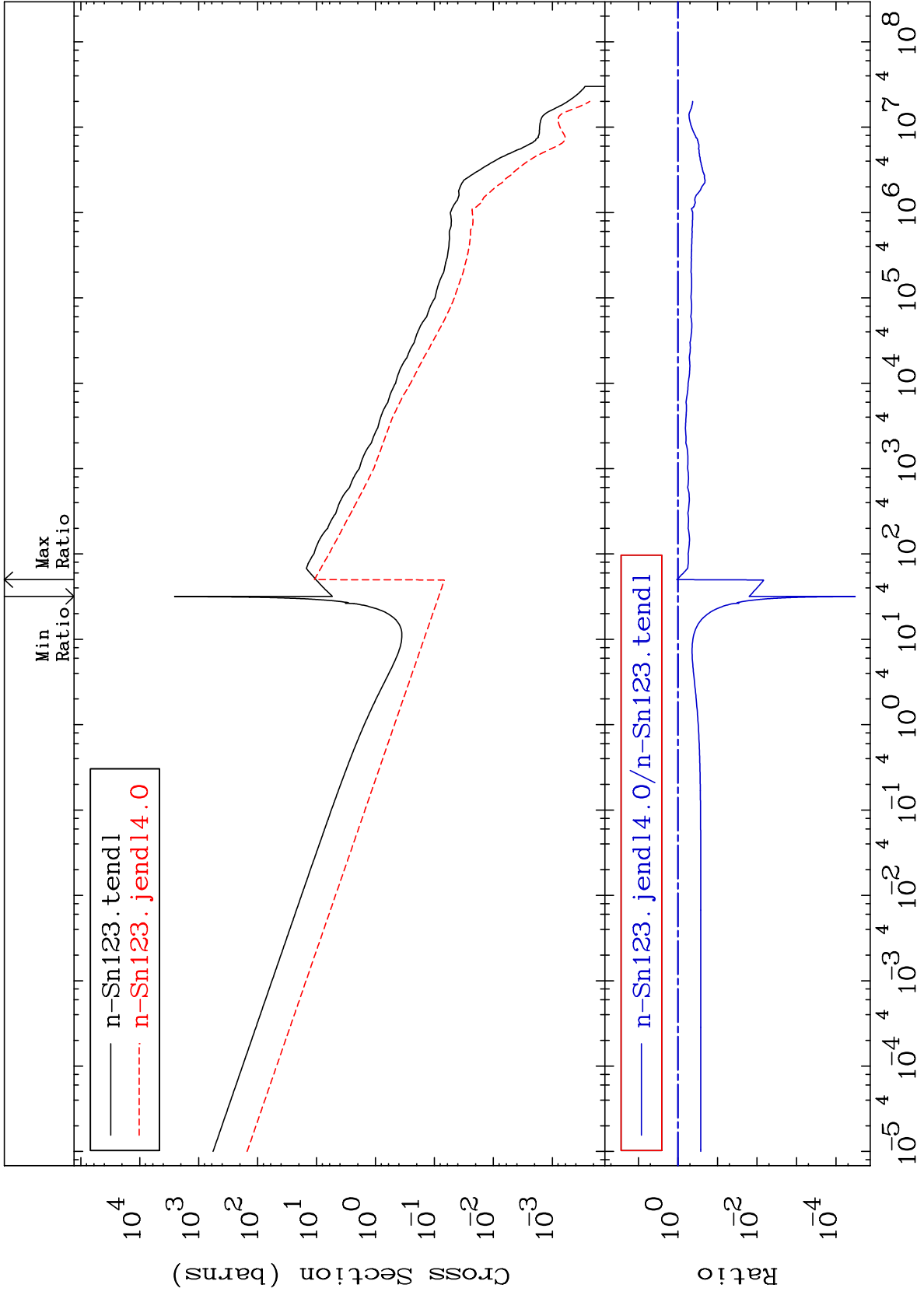
24

Incident Energy (eV)

50-Sn-123

MAT 5058

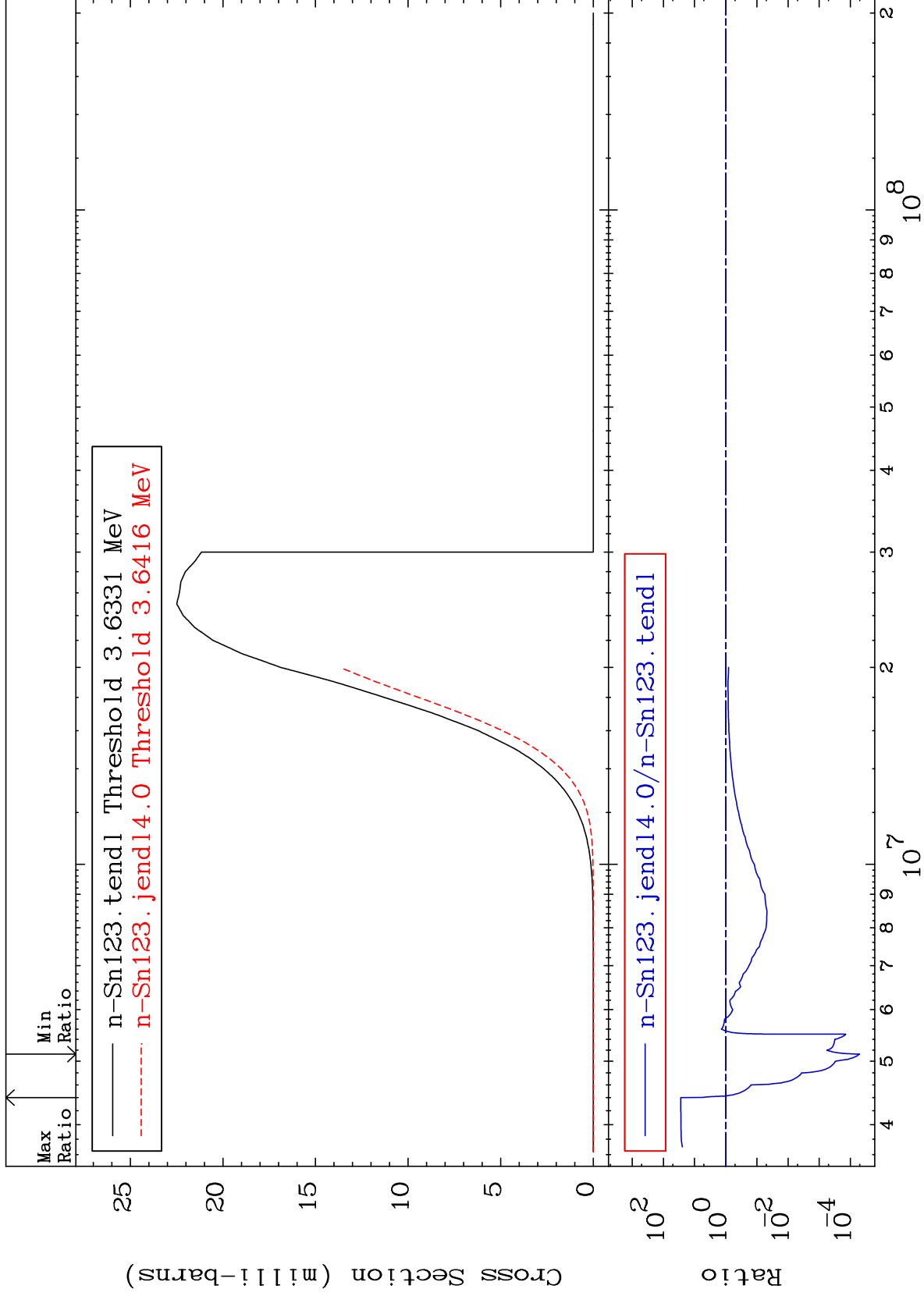
(n, γ)
Cross Section
50-Sn-123
-100.0 To 6.238 %



MAT 5058

(n,p)
Cross Section

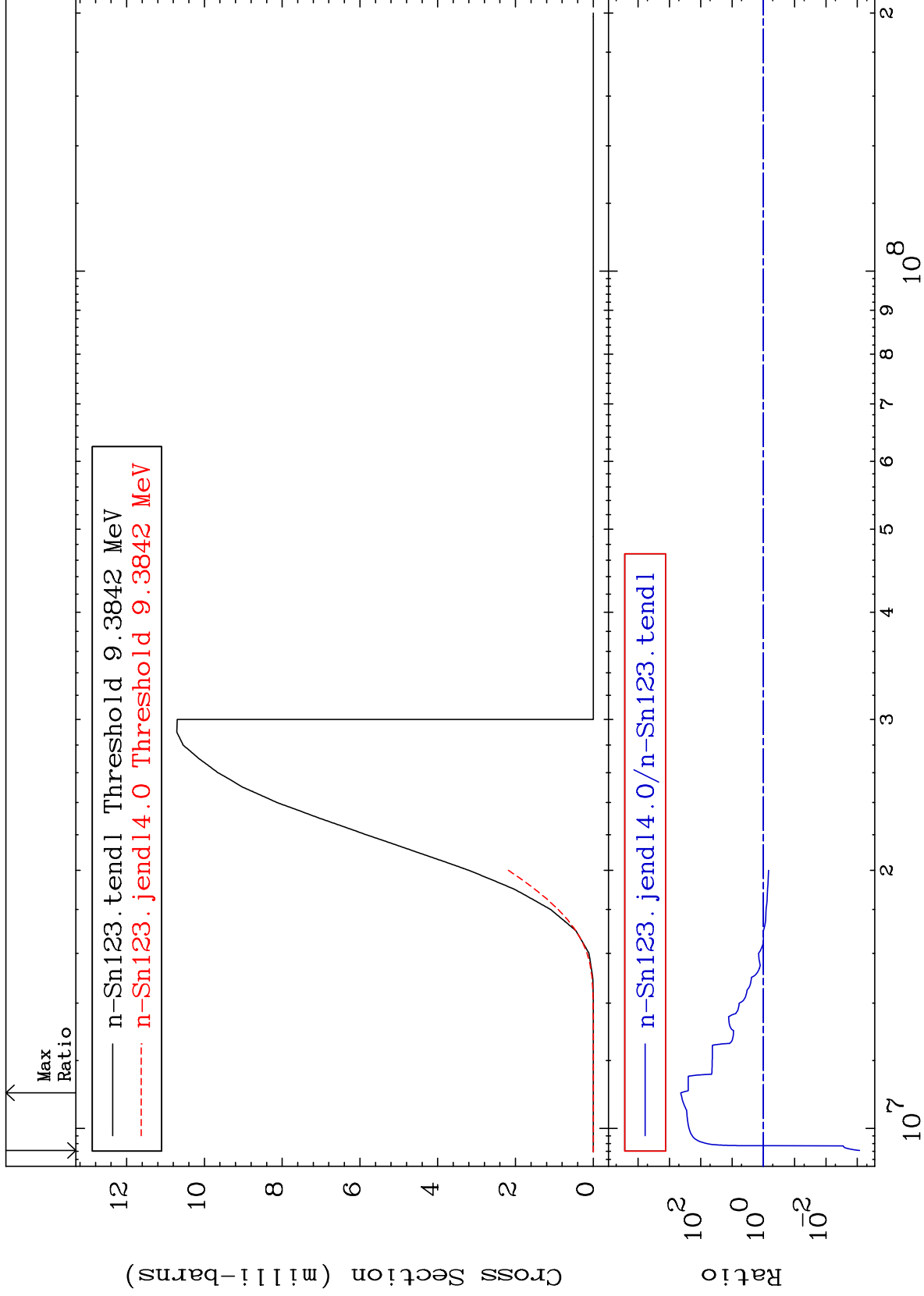
50-Sn-123
-99.99 To 2663. %



MAT 5058

(n, d)
Cross Section

50-Sn-123
-99.92 To 9999. %



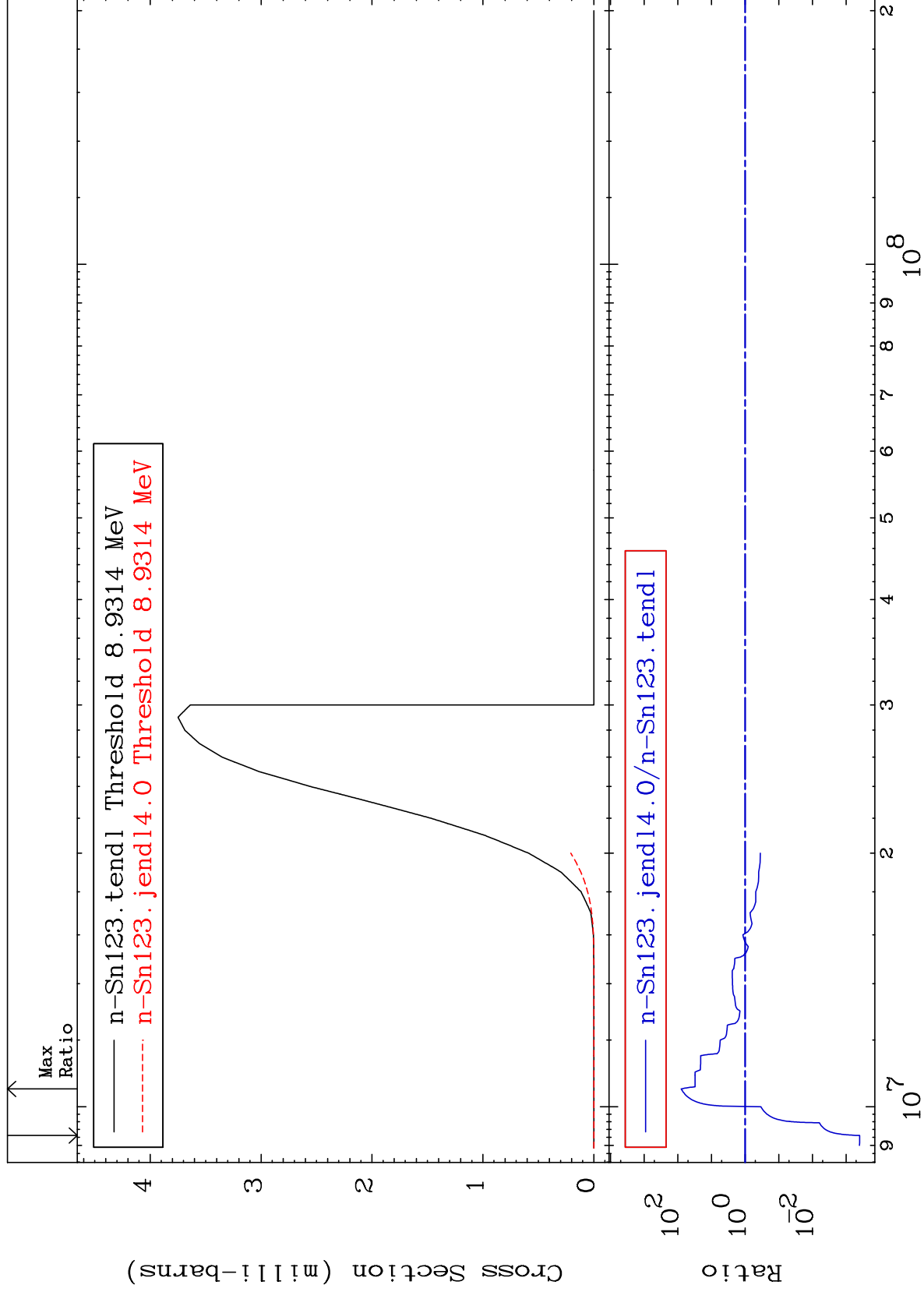
27

50-Sn-123

MAT 5058

(n, t)
Cross Section

50-Sn-123
-99.96 To 7861. %



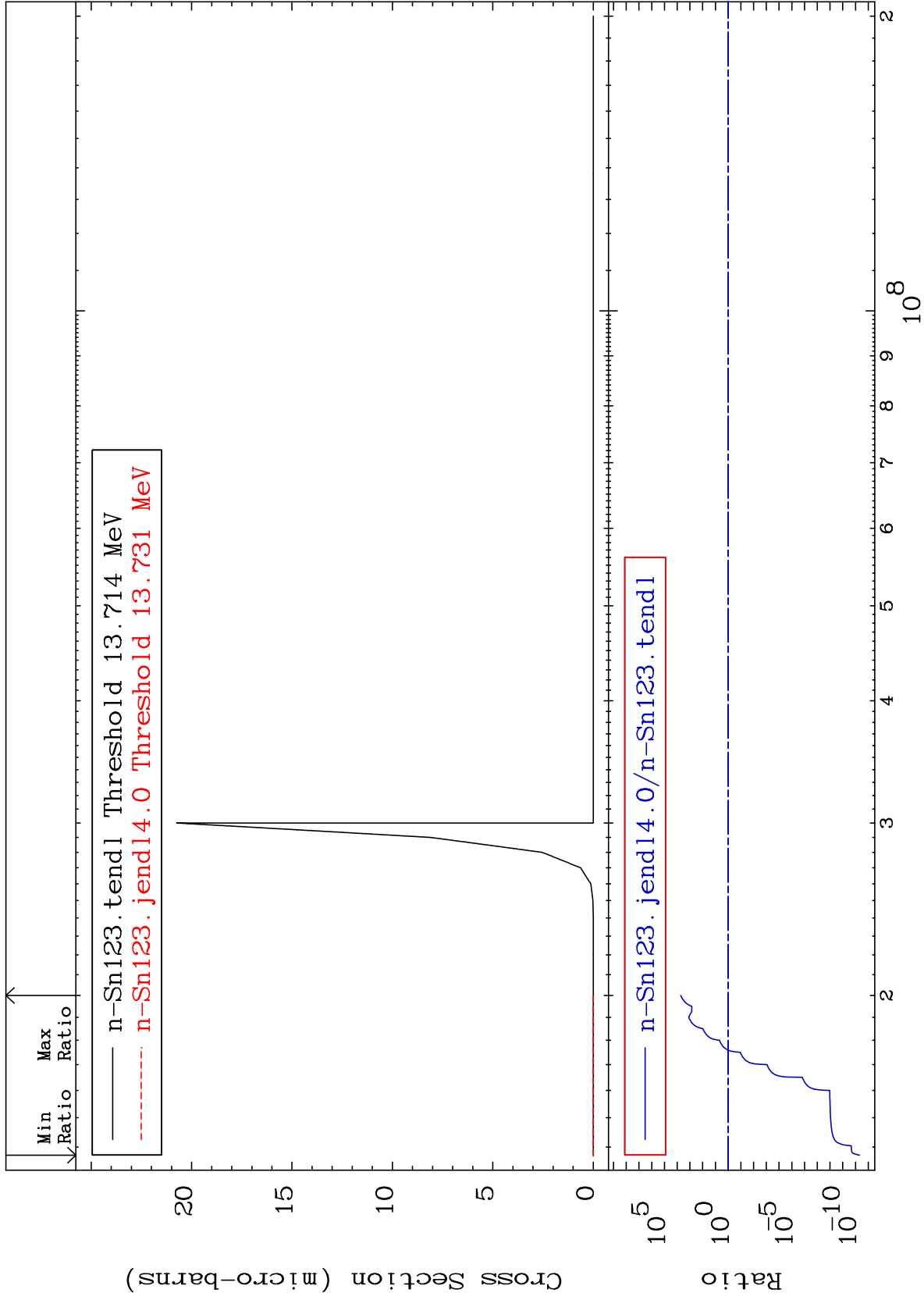
28

Incident Energy (eV)

50-Sn-123

Cross Section

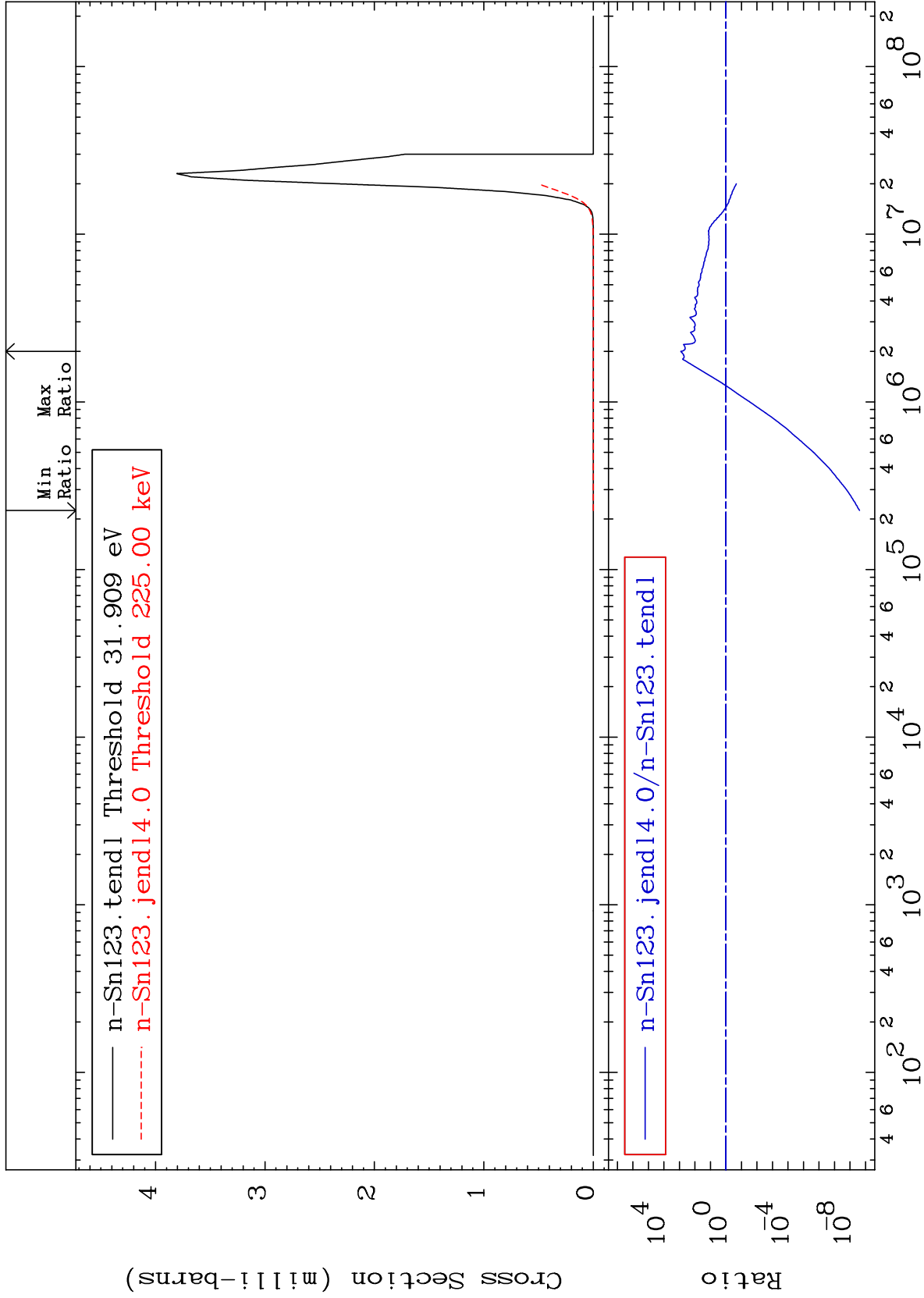
-100.0 To 9999. %

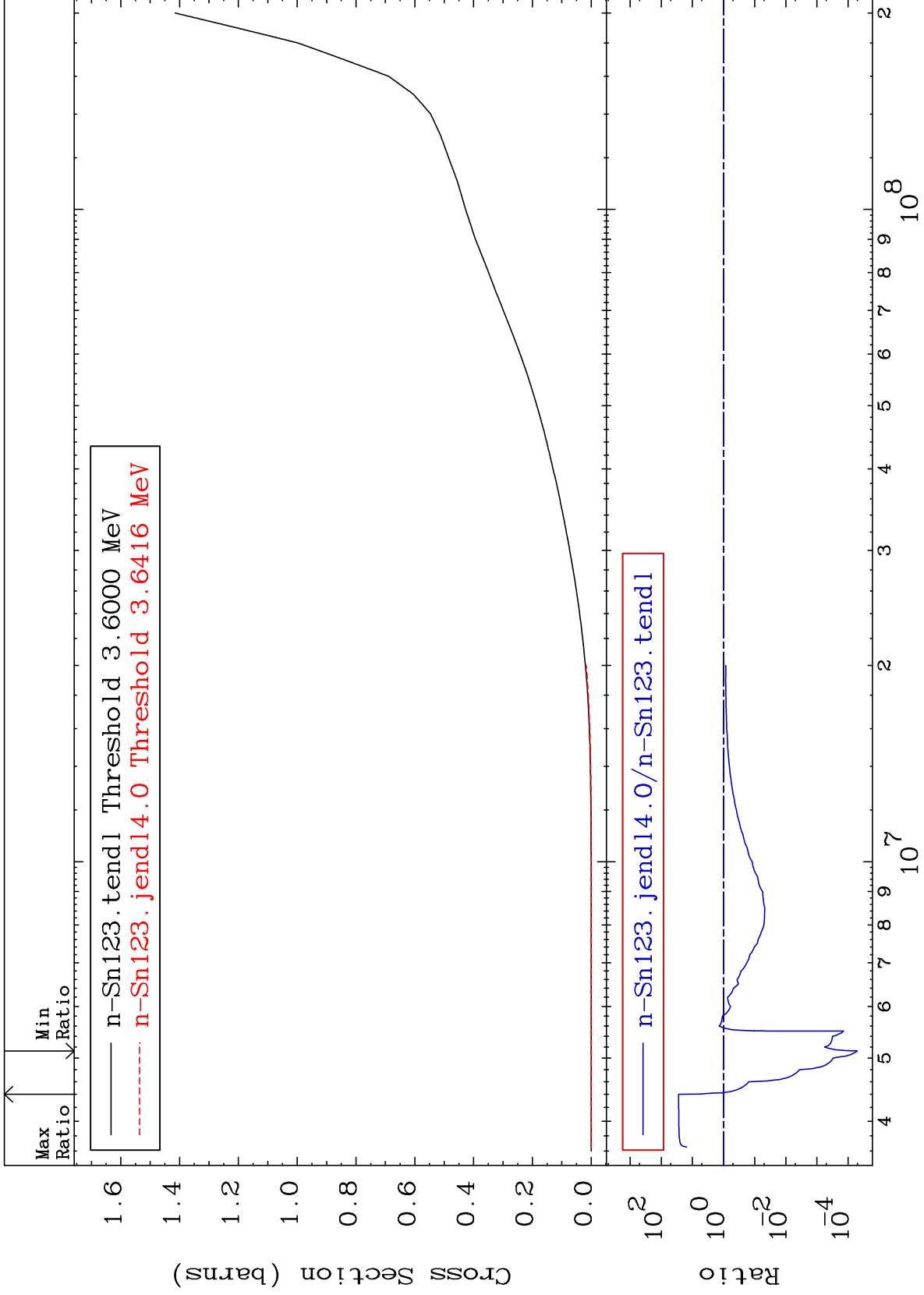


MAT 5058

50-Sn-123

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

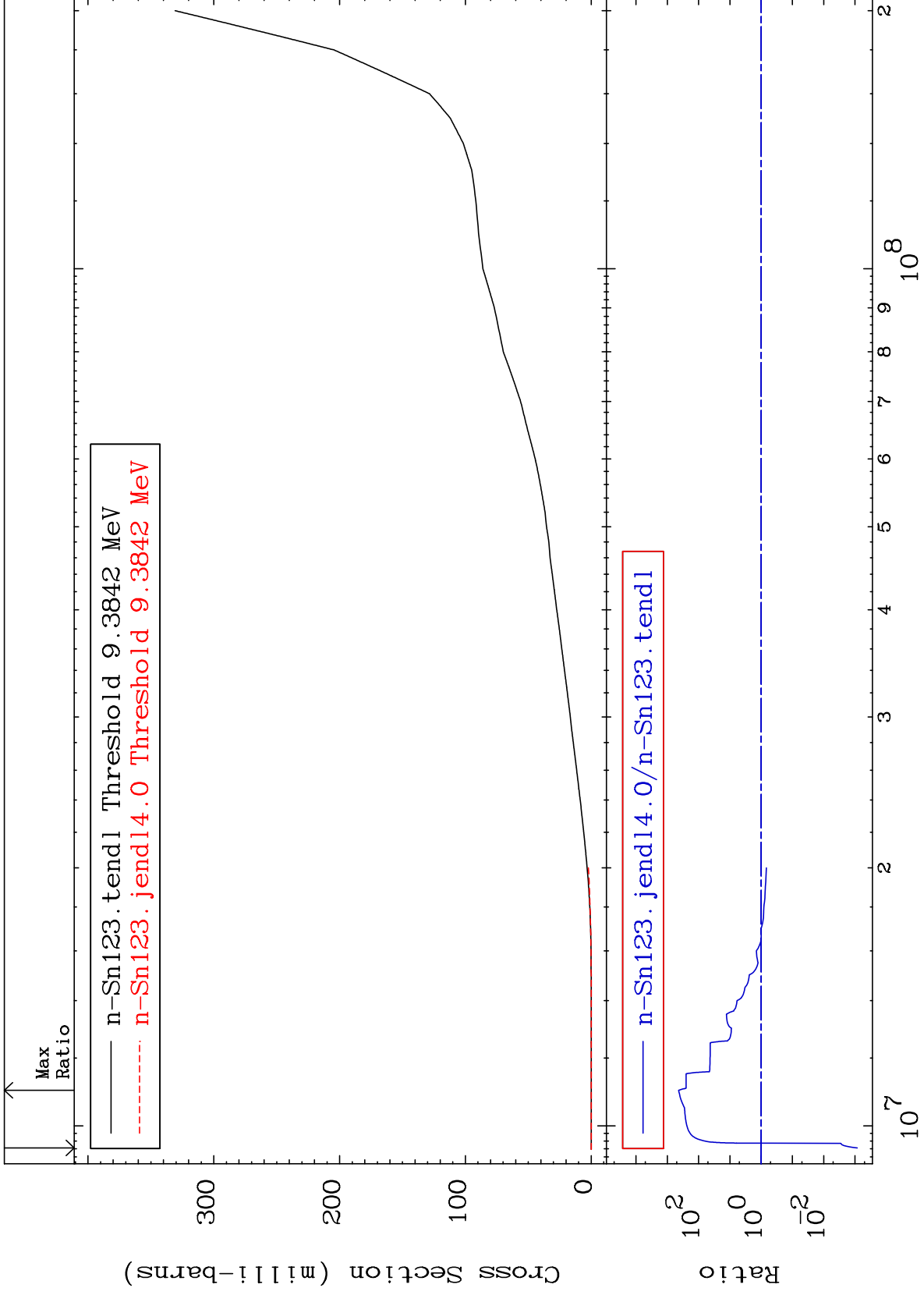




MAT 5058

Deuterium Production
Cross Section

50-Sn-123
-99.92 To 9999. %



32

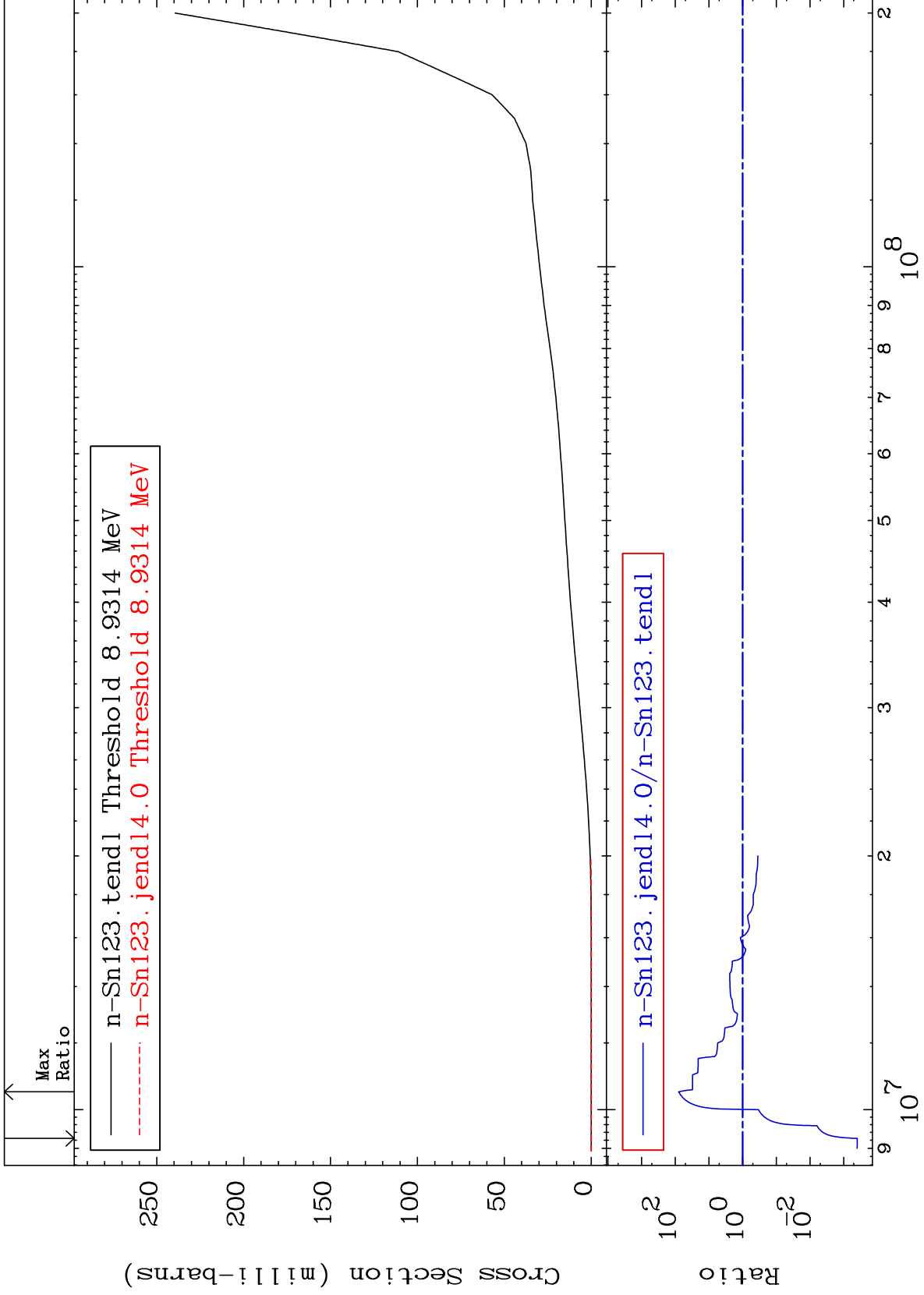
Incident Energy (eV)

50-Sn-123

MAT 5058

Tritium Production
Cross Section

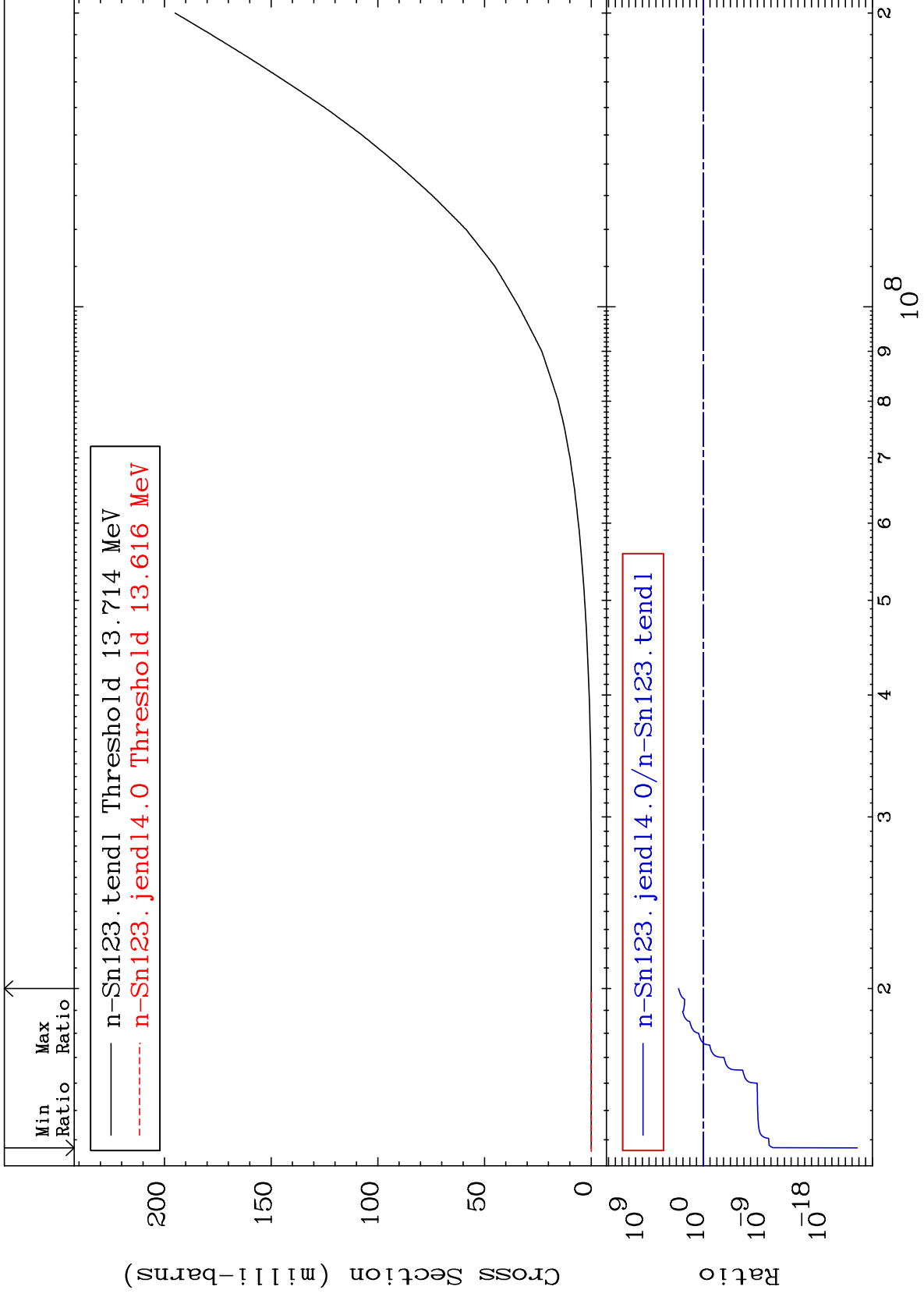
50-Sn-123
-99.96 To 7861. %

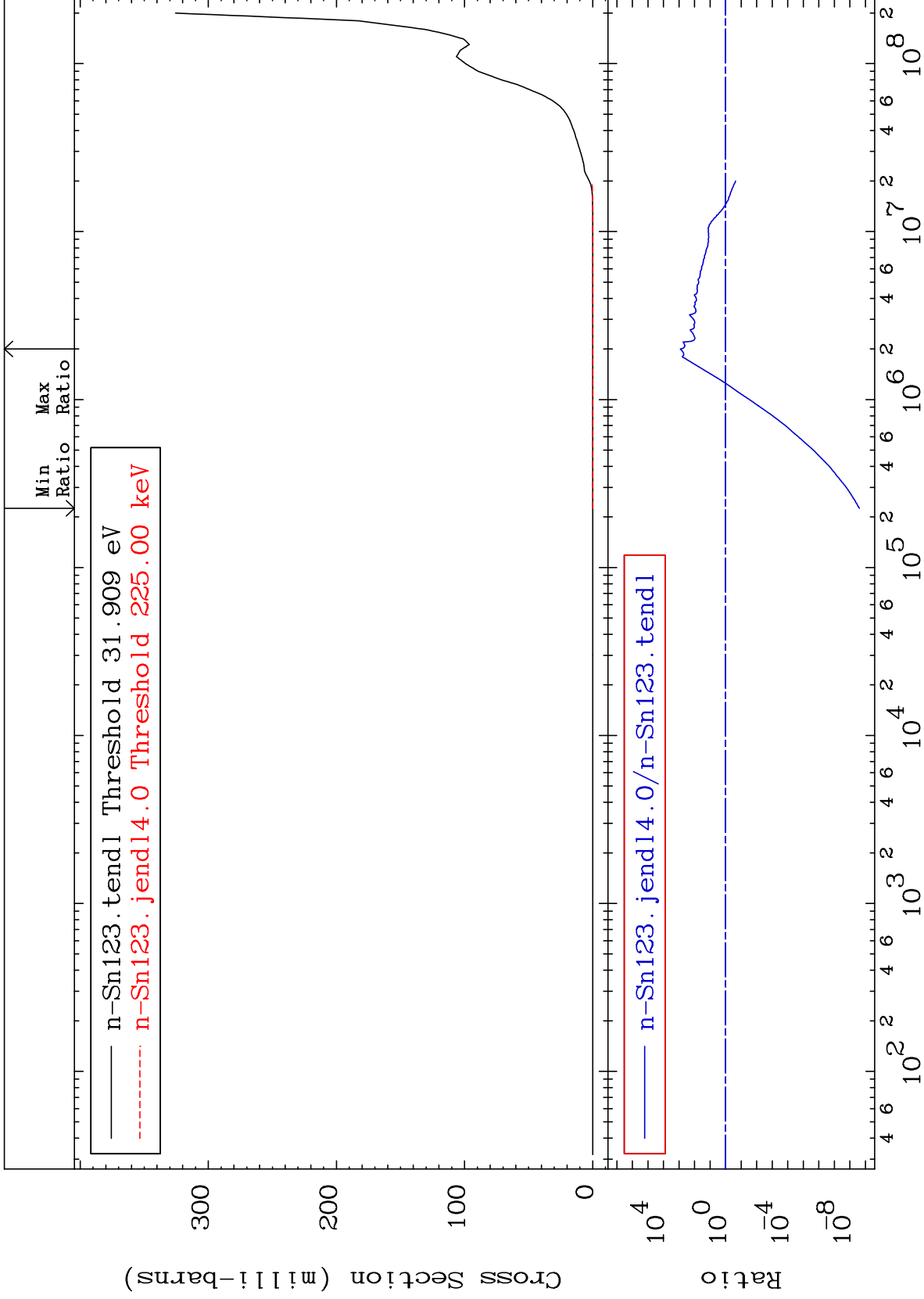


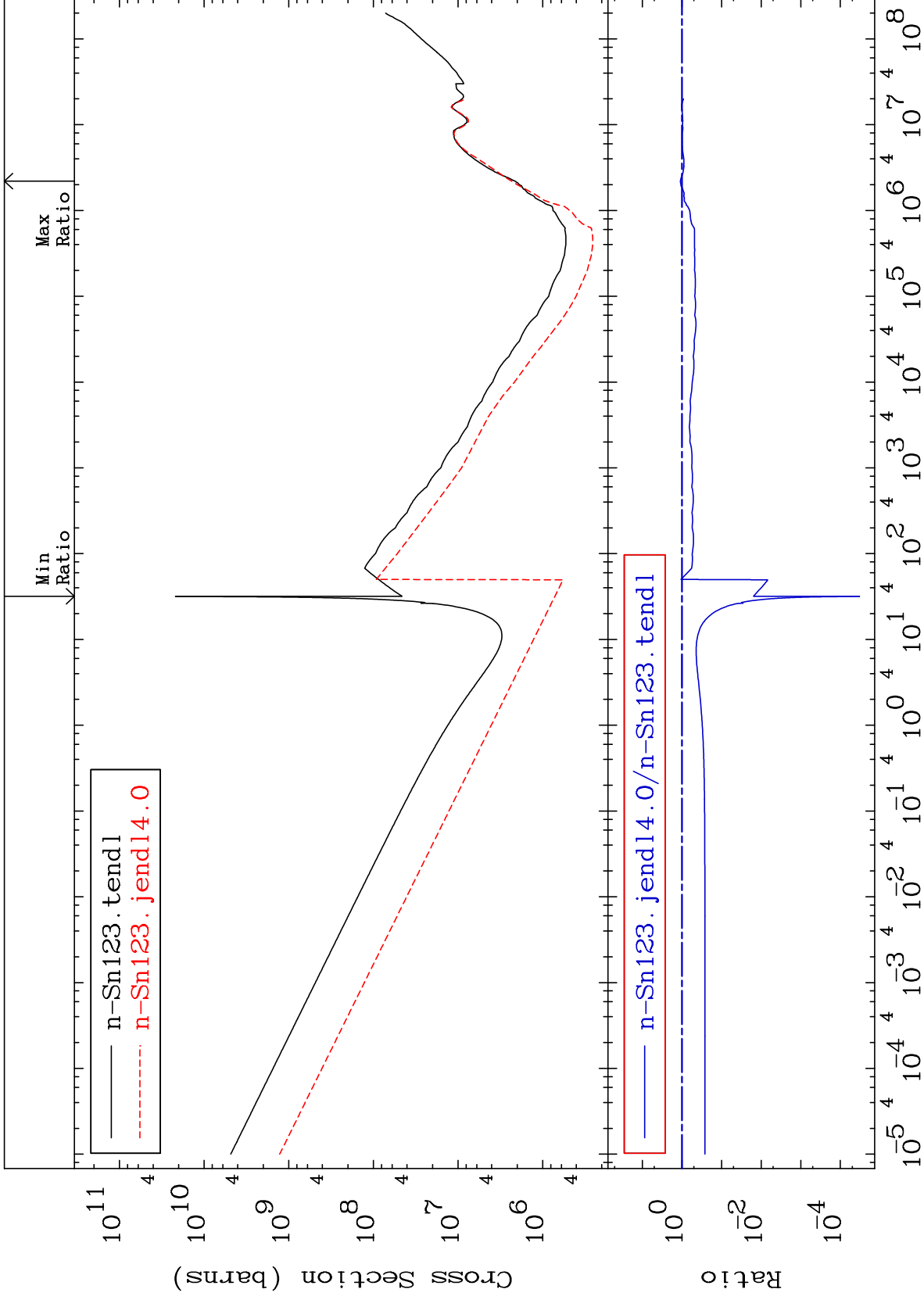
33

Incident Energy (eV)

50-Sn-123



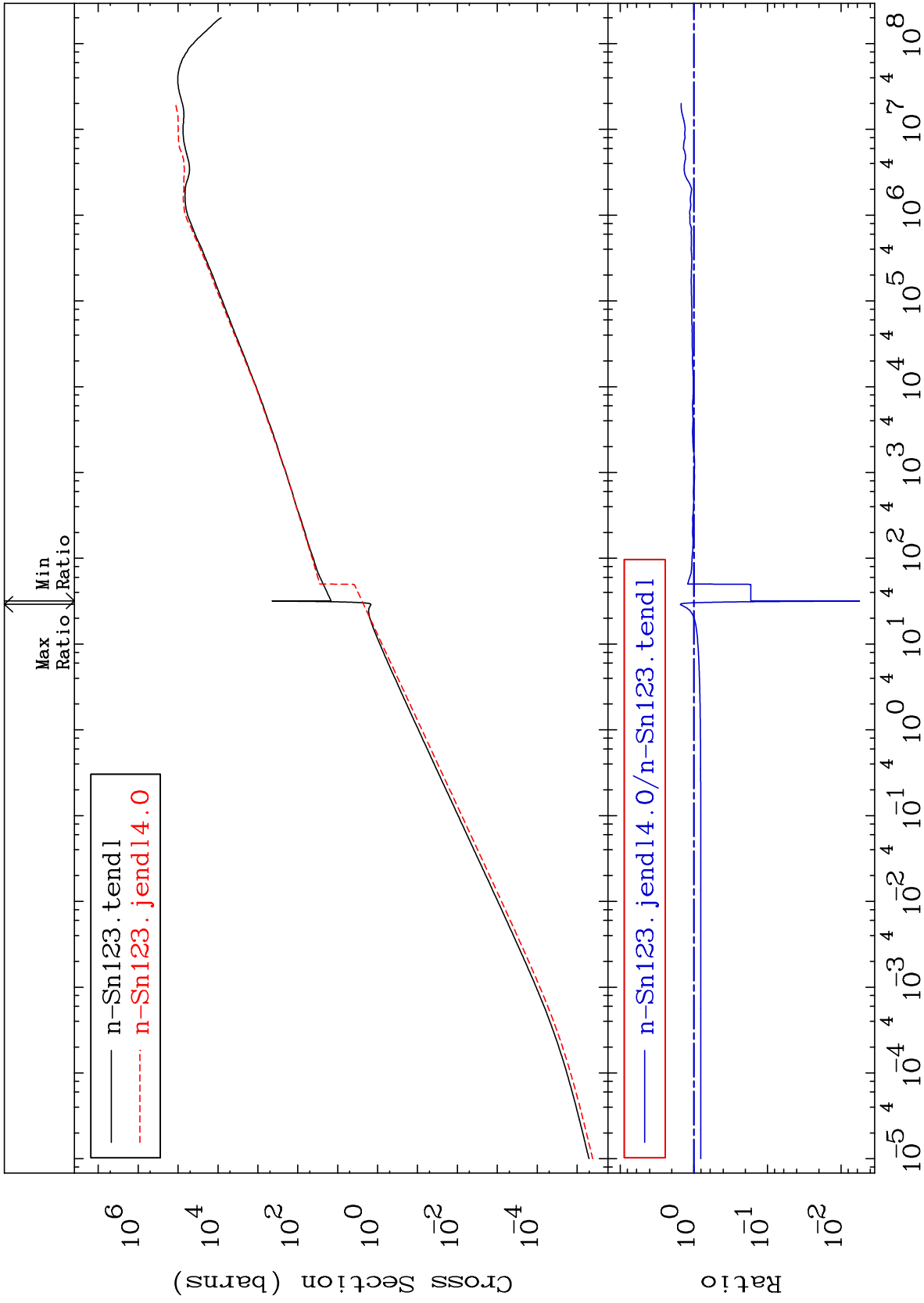




MAT 5058

Kerma elastic
Cross Section

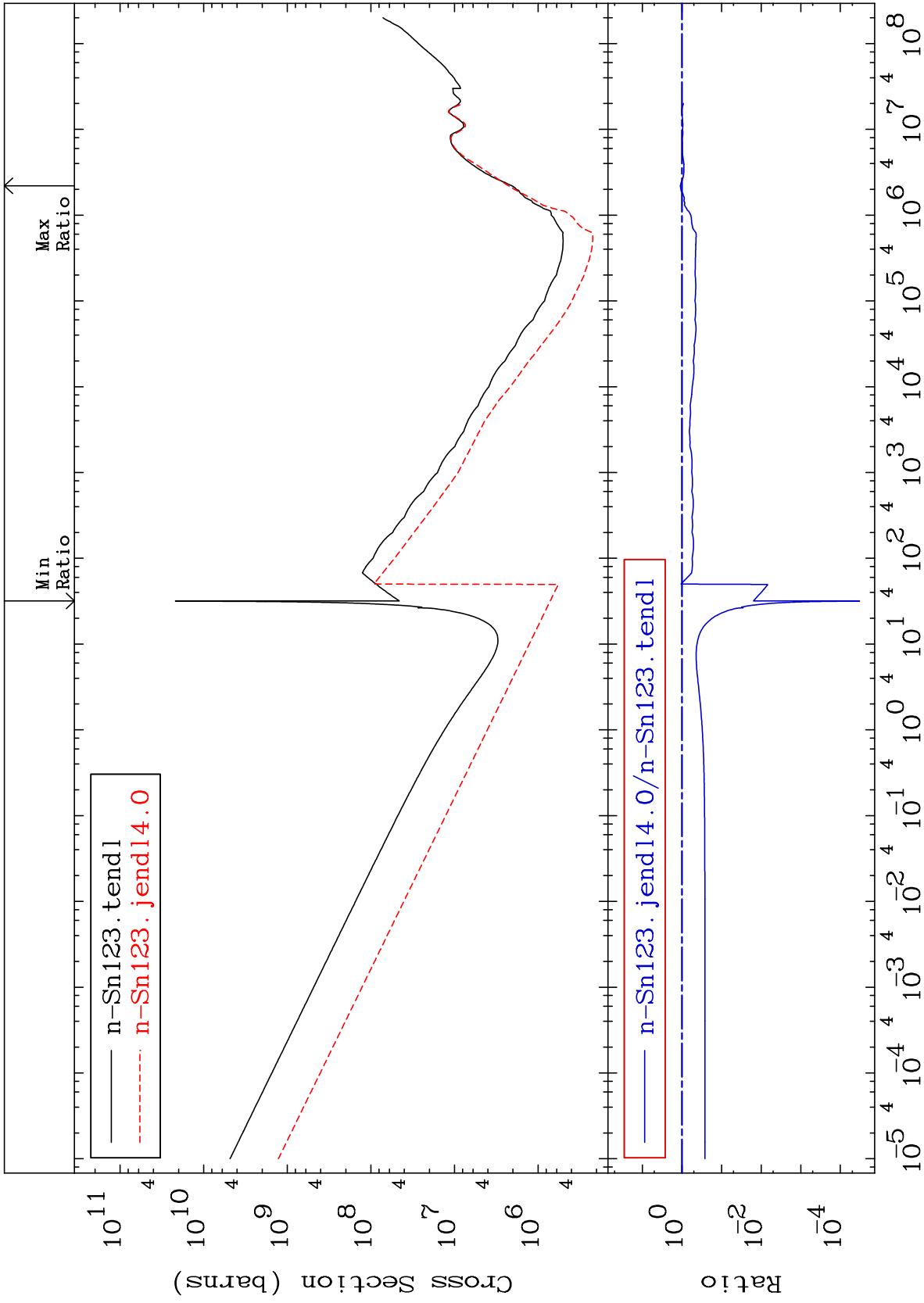
50-Sn-123
-99.44 To 52.66 %

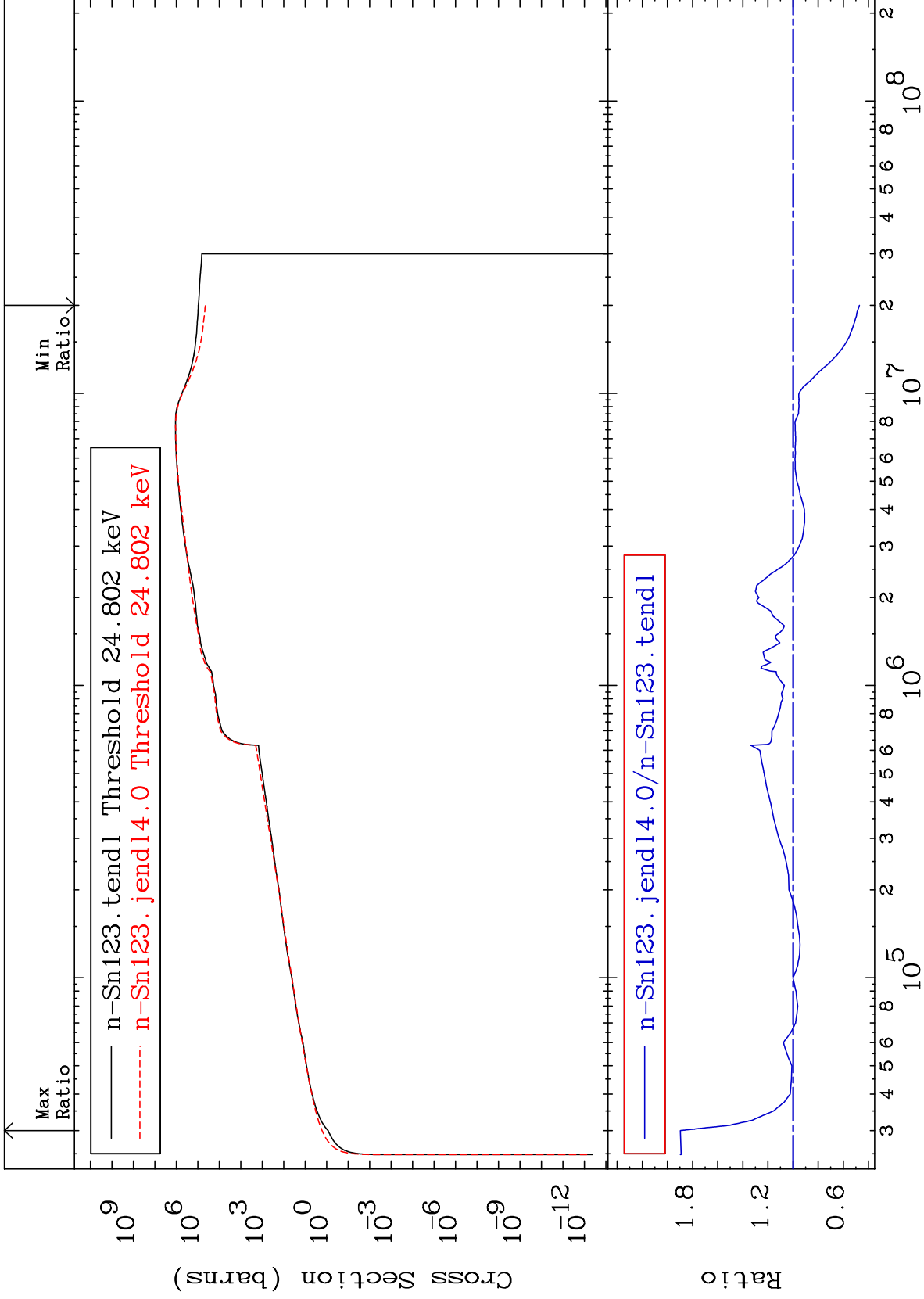


37

Incident Energy (eV)

50-Sn-123

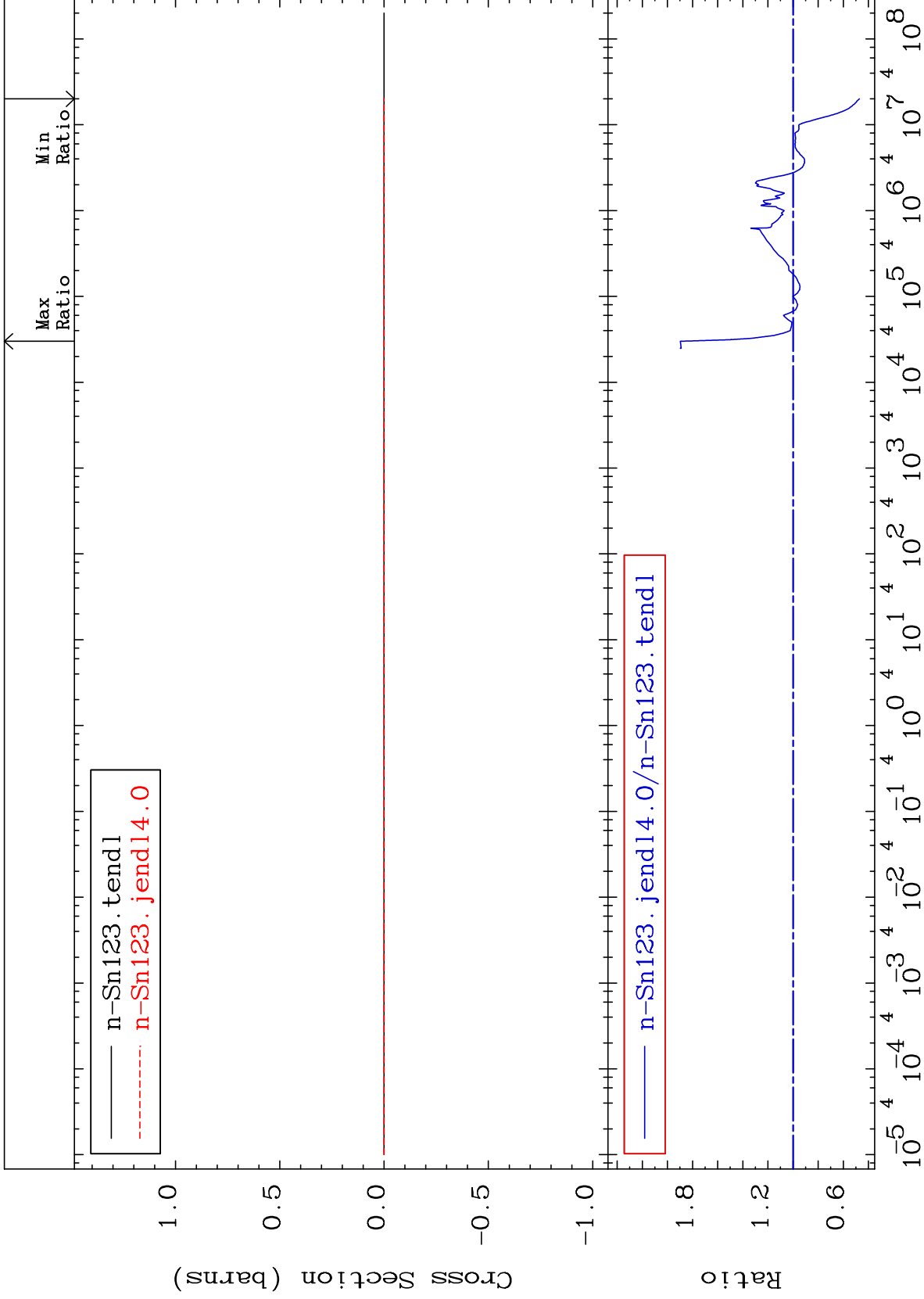




MAT 5058

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

50-Sn-123
-52.84 To 89.69 %



40

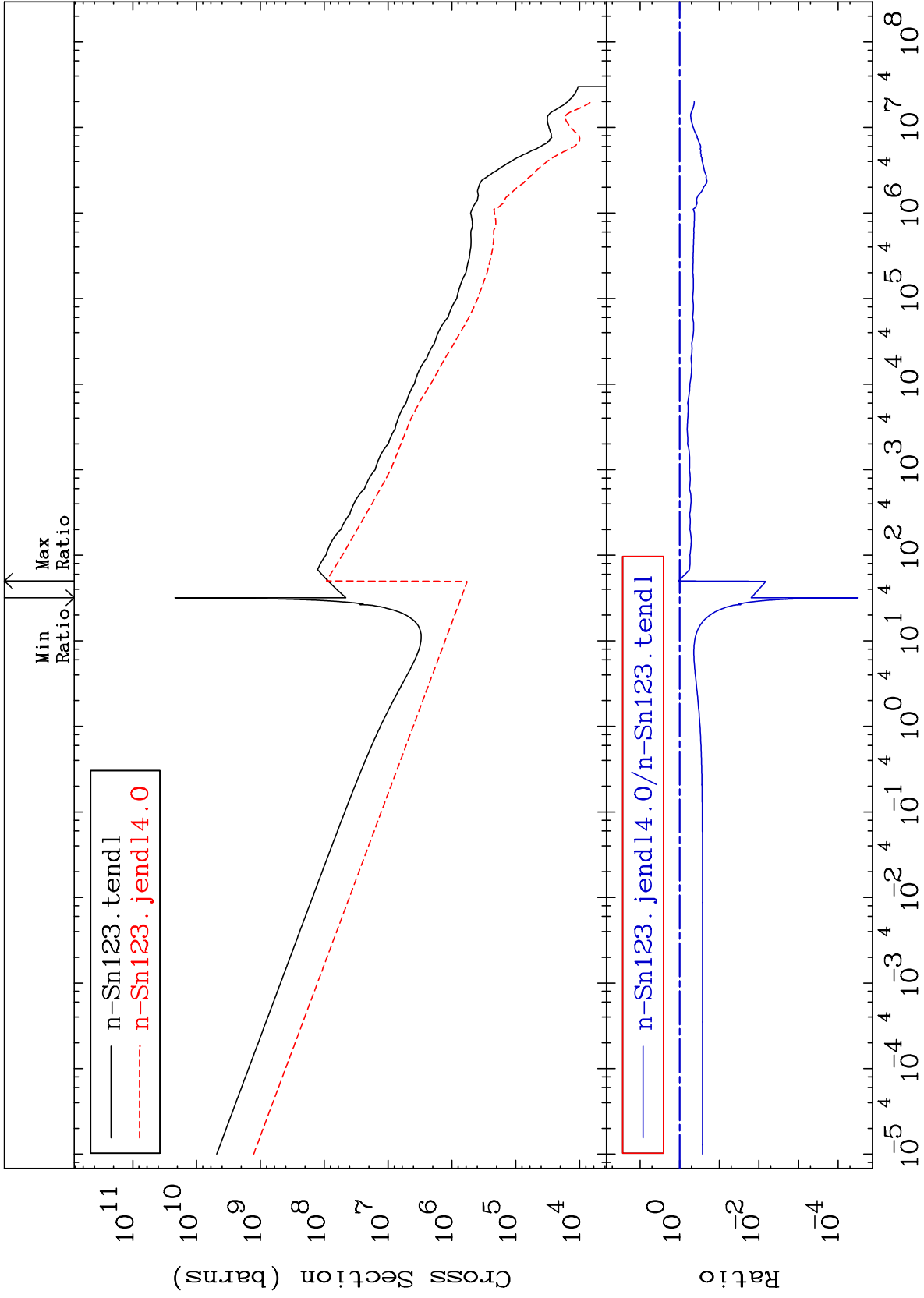
Incident Energy (eV)

50-Sn-123

MAT 5058

Kerma capture (mt102)
Cross Section

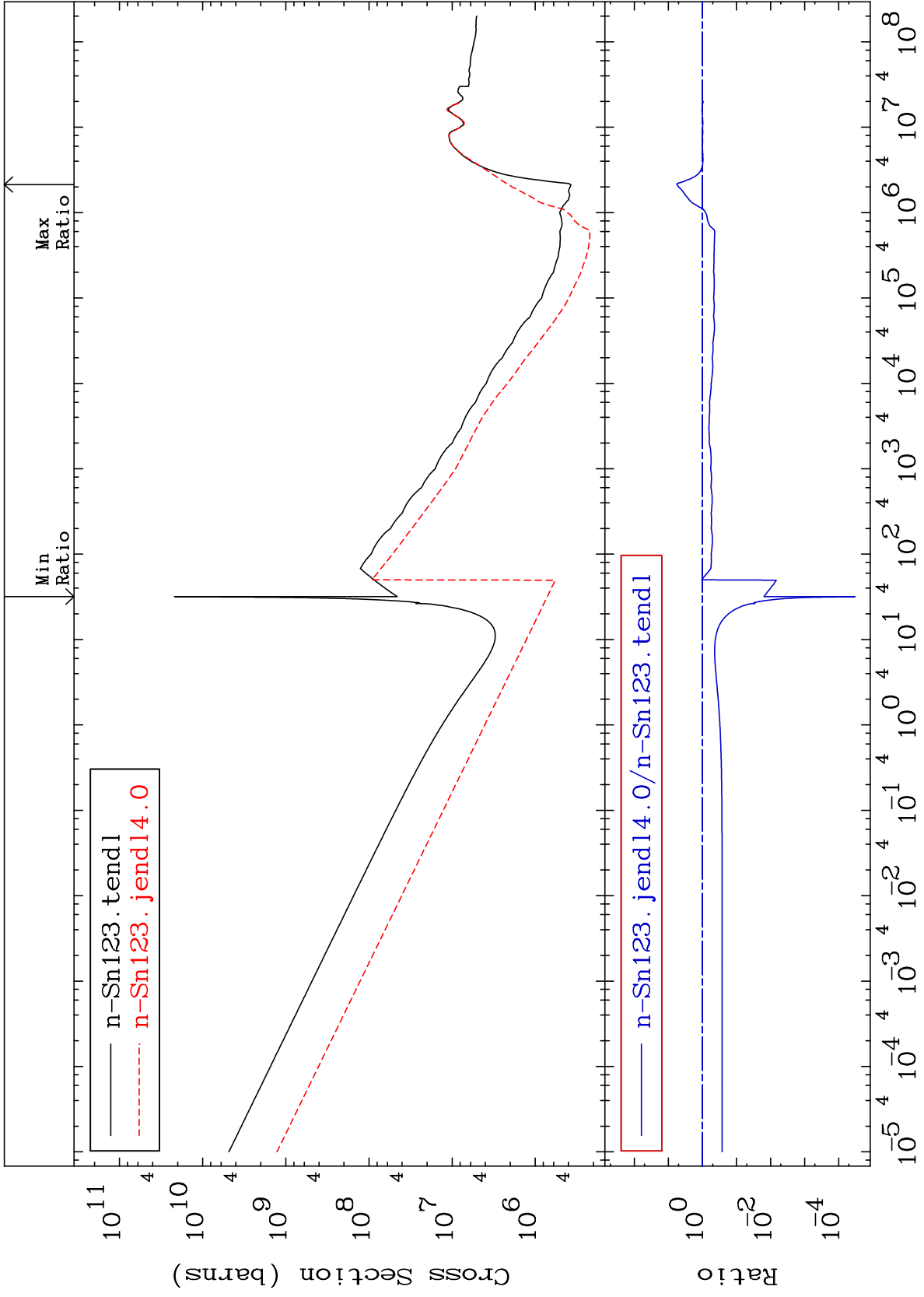
50-Sn-123
-100.0 To 6.089 %

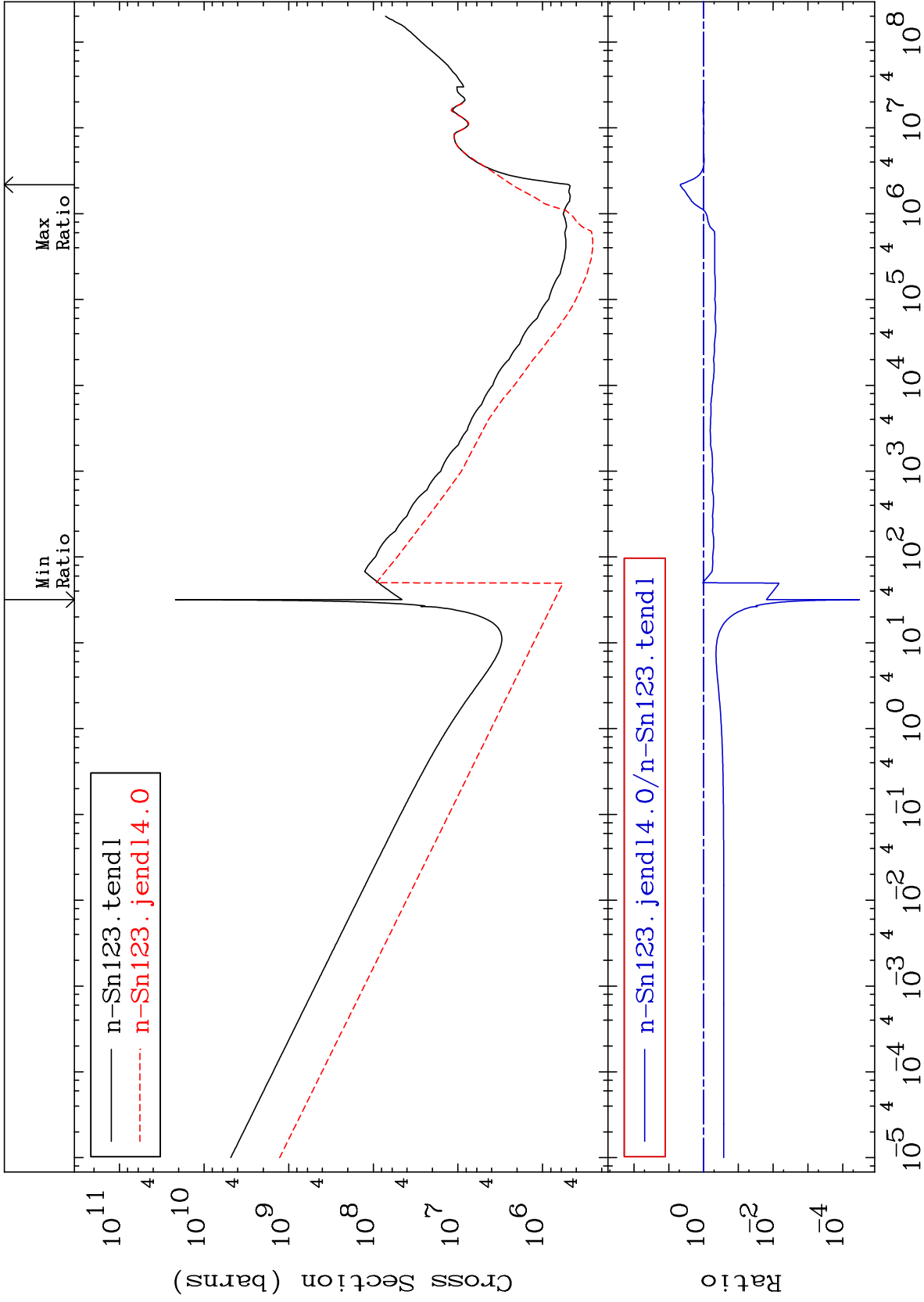


MAT 5058

Total photon (eV-barns)
Cross Section

50-Sn-123
-100.0 To 461.2 %

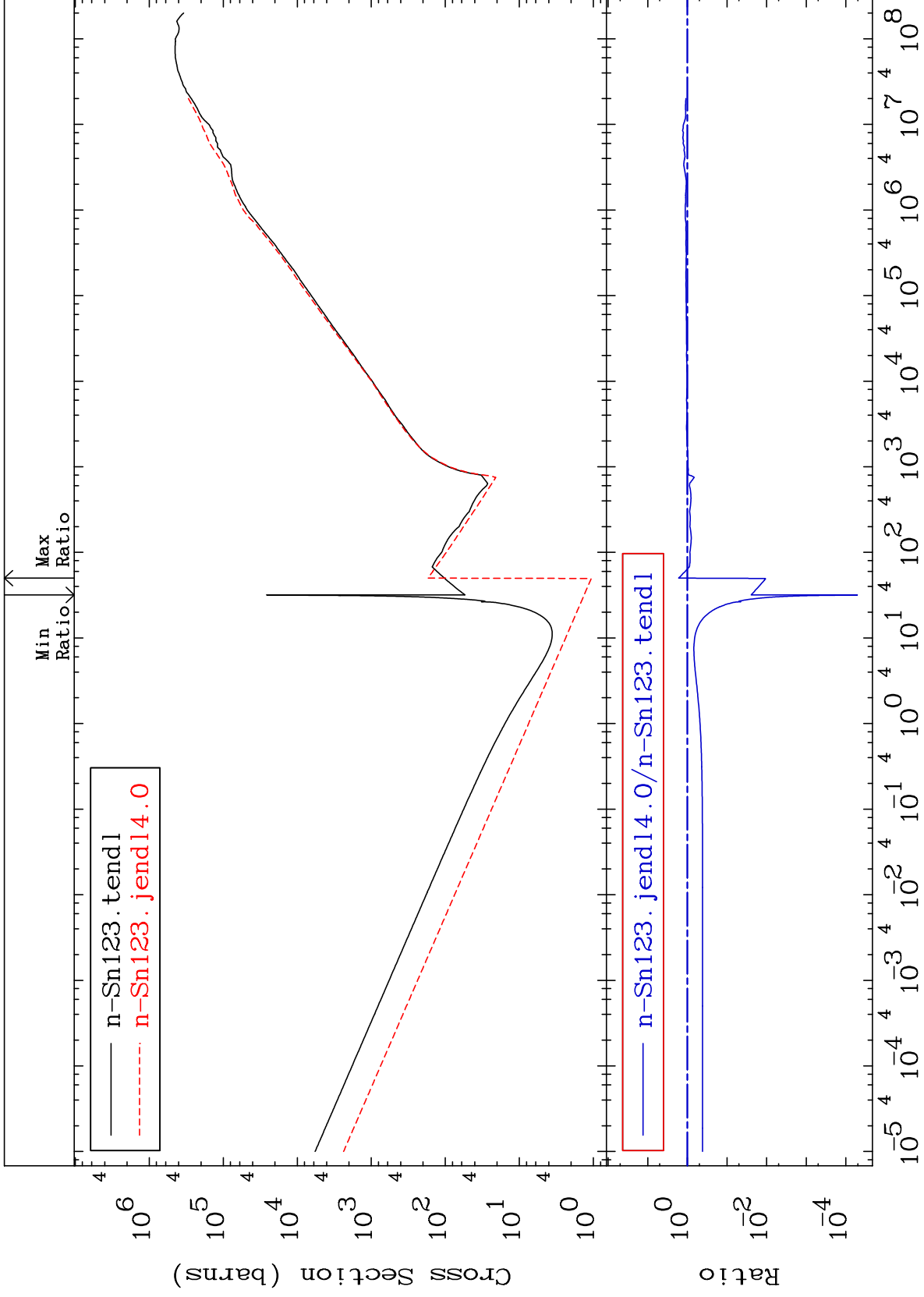




MAT 5058

Dpa total (eV-barns)
Cross Section

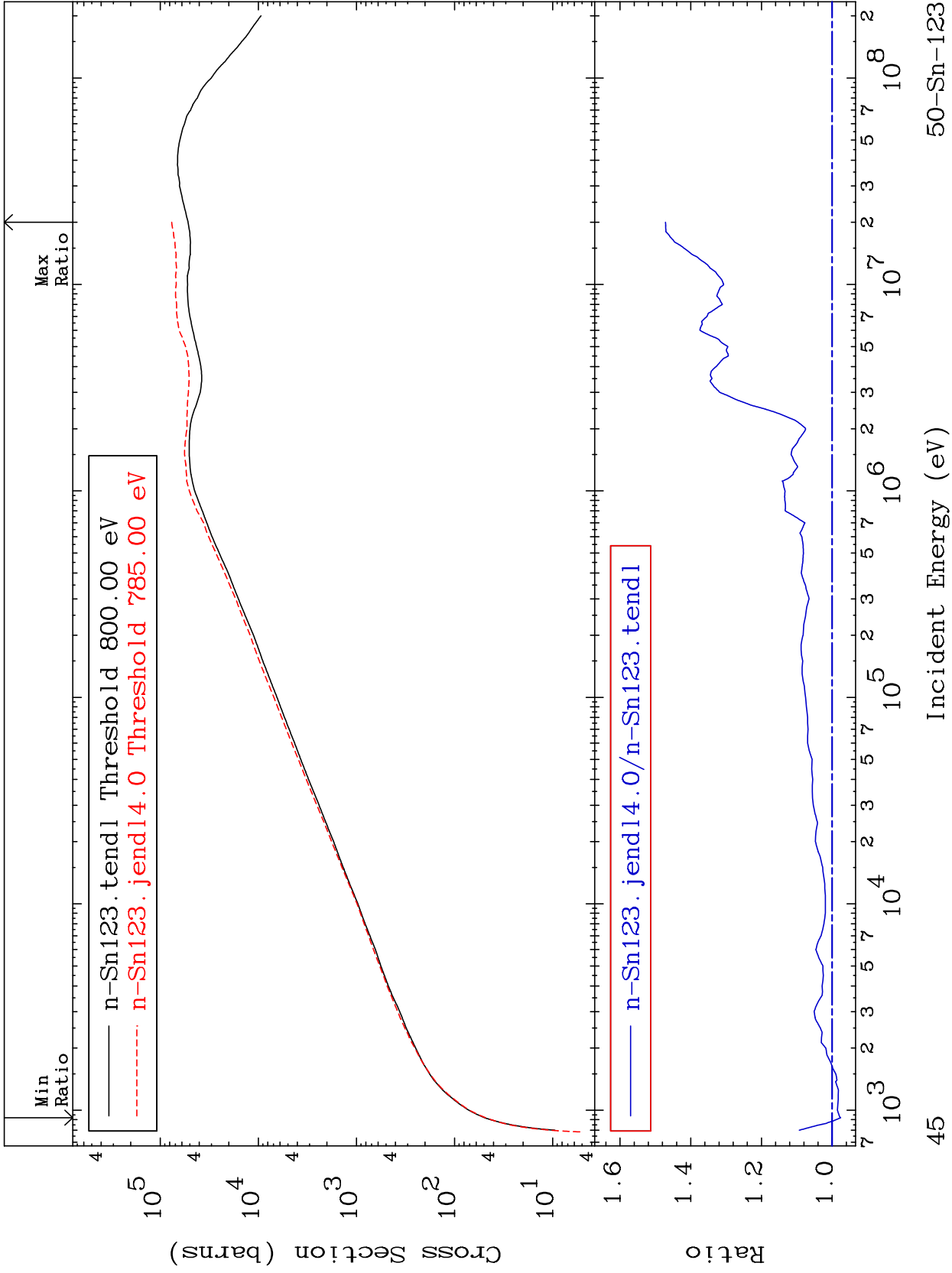
50-Sn-123
-99.99 To 66.05 %



MAT 5058

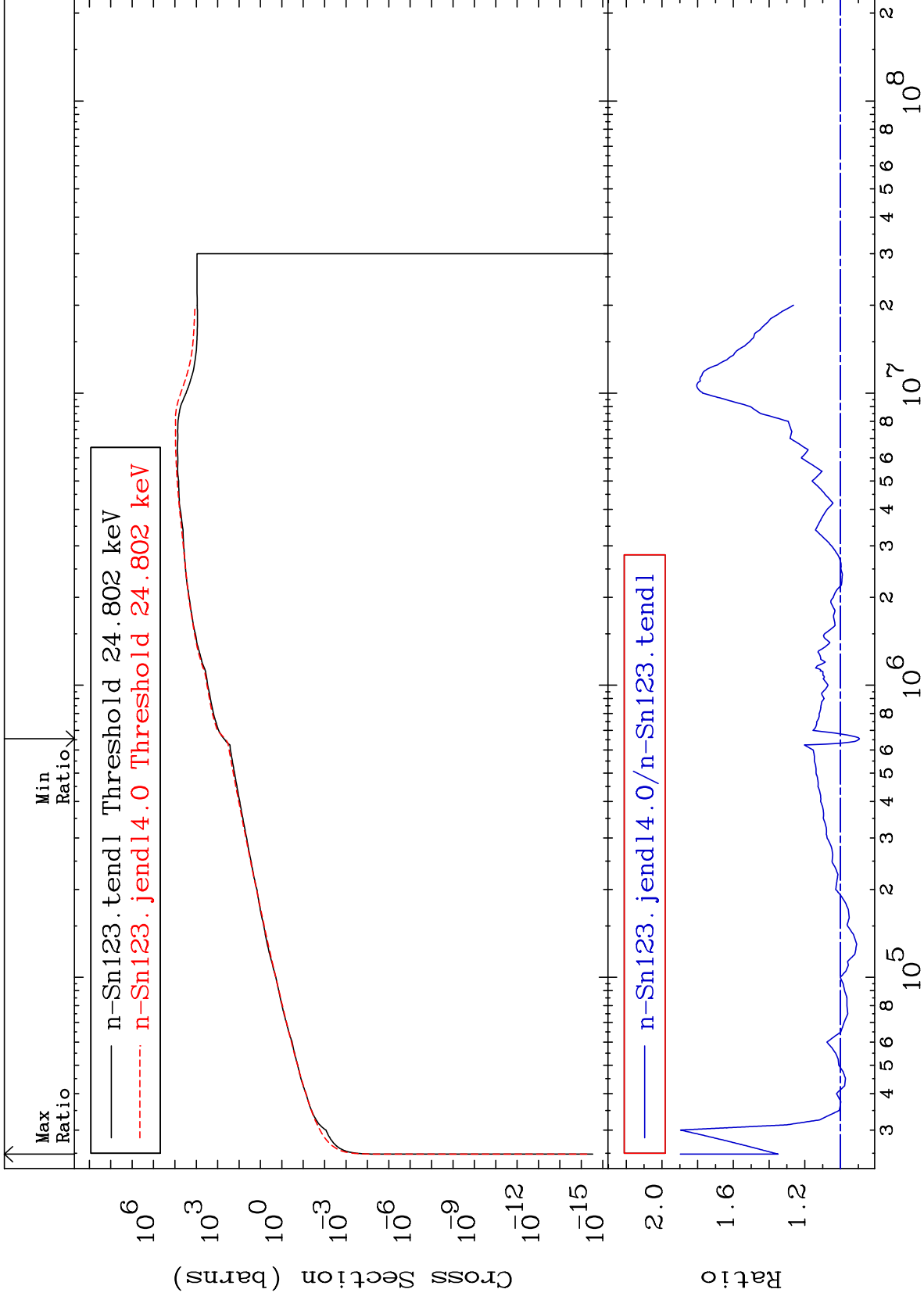
Dpa elastic (mt2)
Cross Section

50-Sn-123
-2.402 To 47.14 %



45

50-Sn-123



MAT 5058

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-123
-99.99 To 66.05 %

