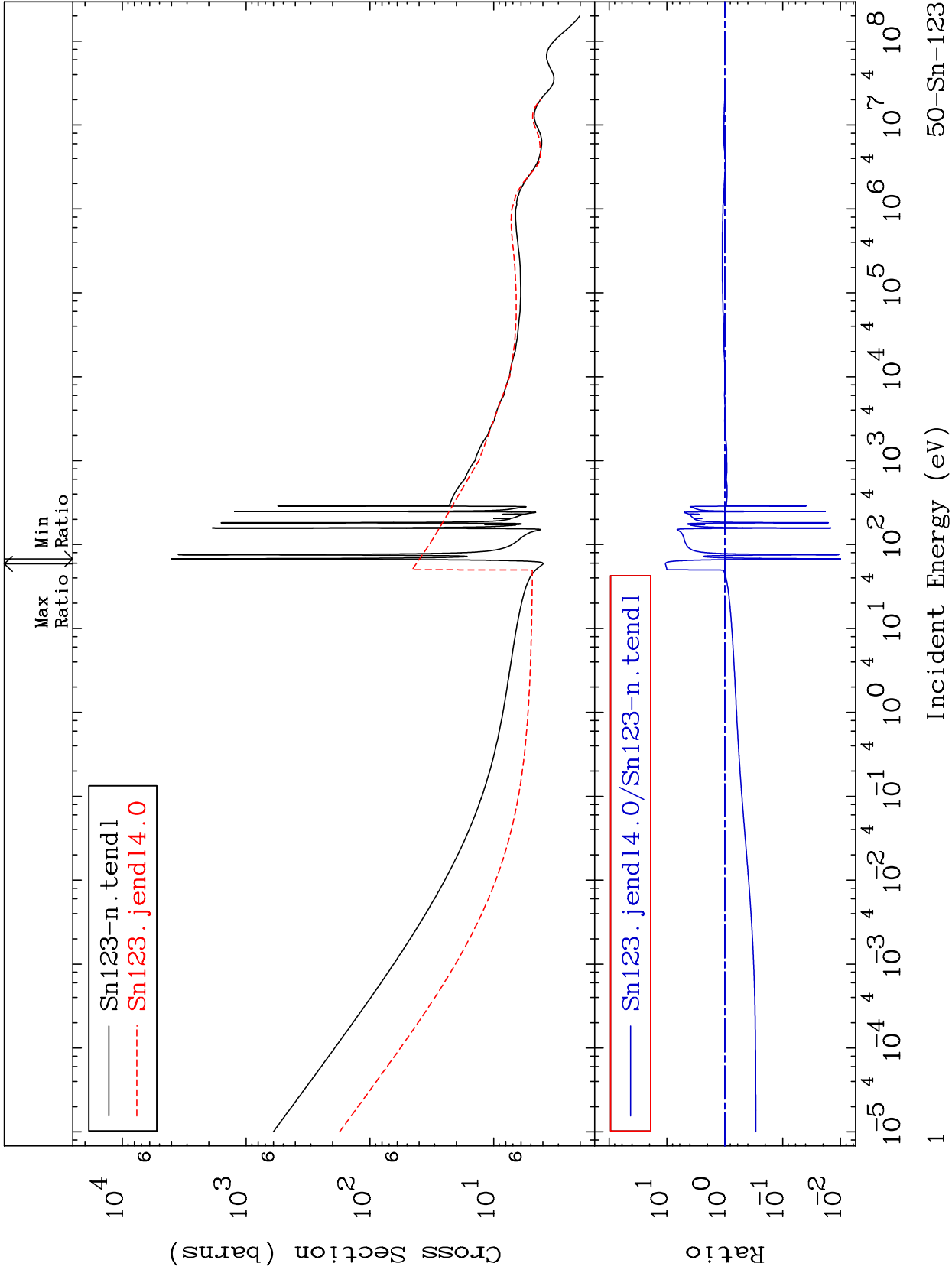


MAT 5058

Total
Cross Section

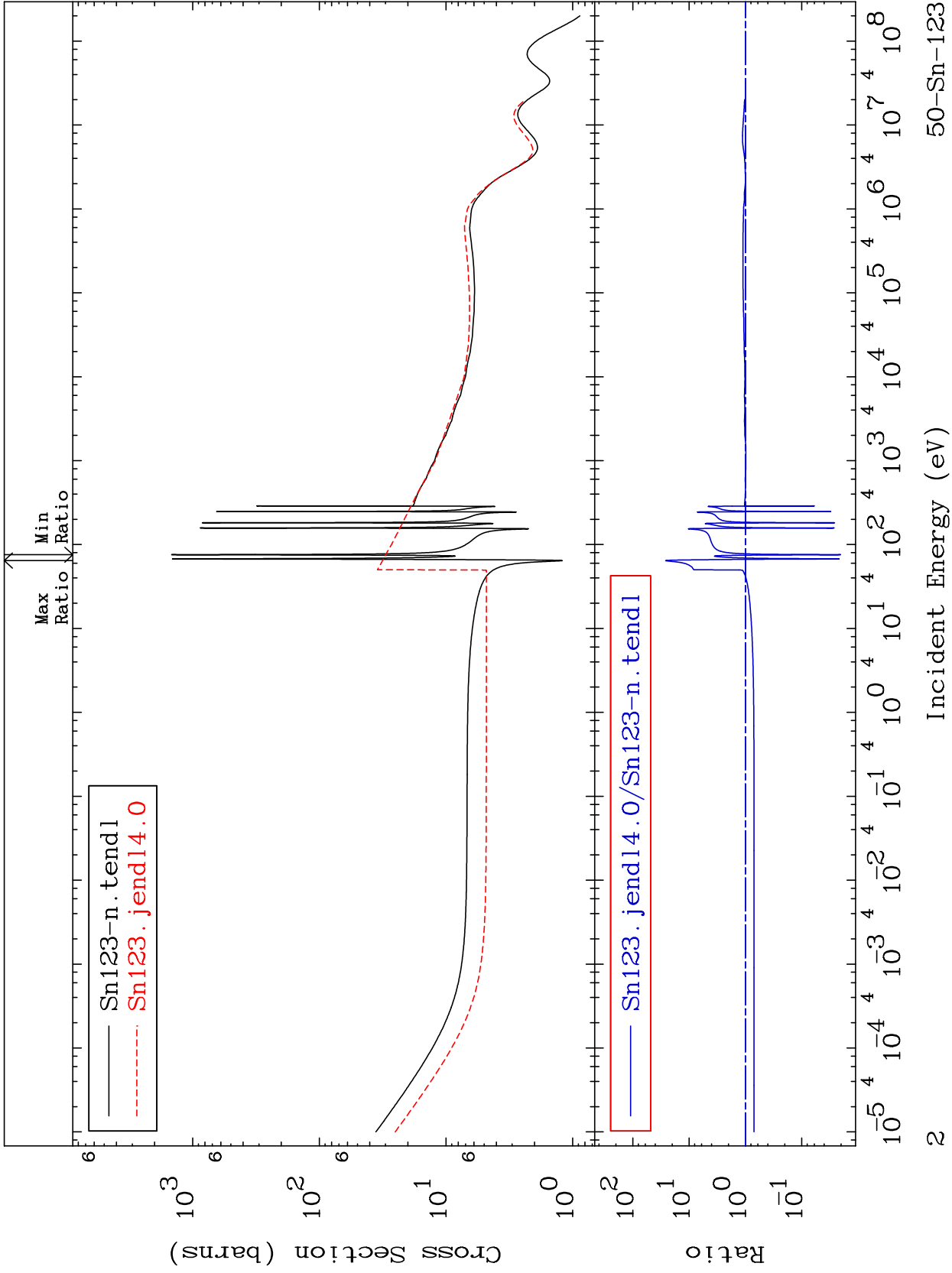
50-Sn-123
-99.01 To 958.7 %



MAT 5058

Elastic
Cross Section

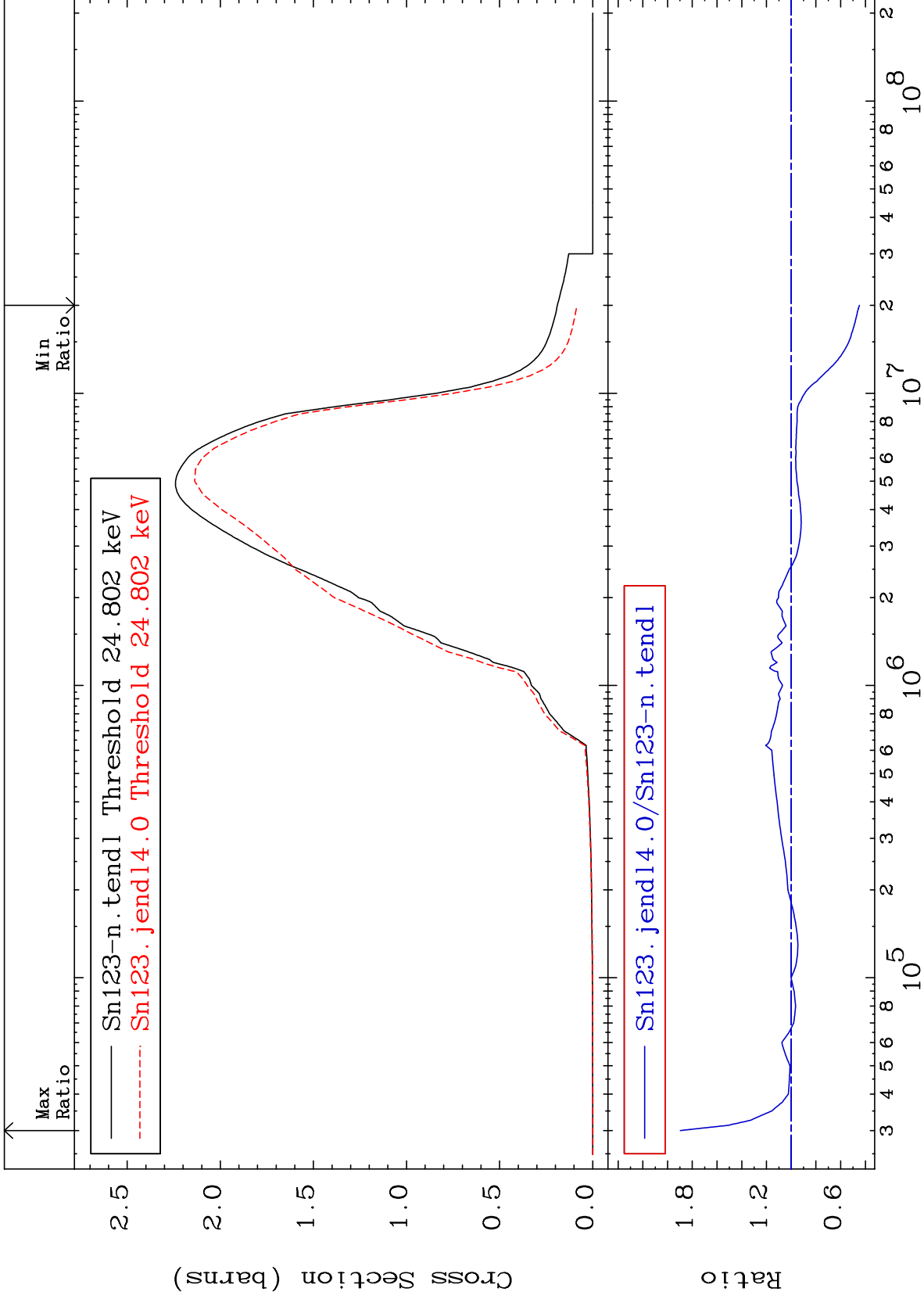
50-Sn-123
-97.96 To 2531. %



MAT 5058

Inelastic
Cross Section

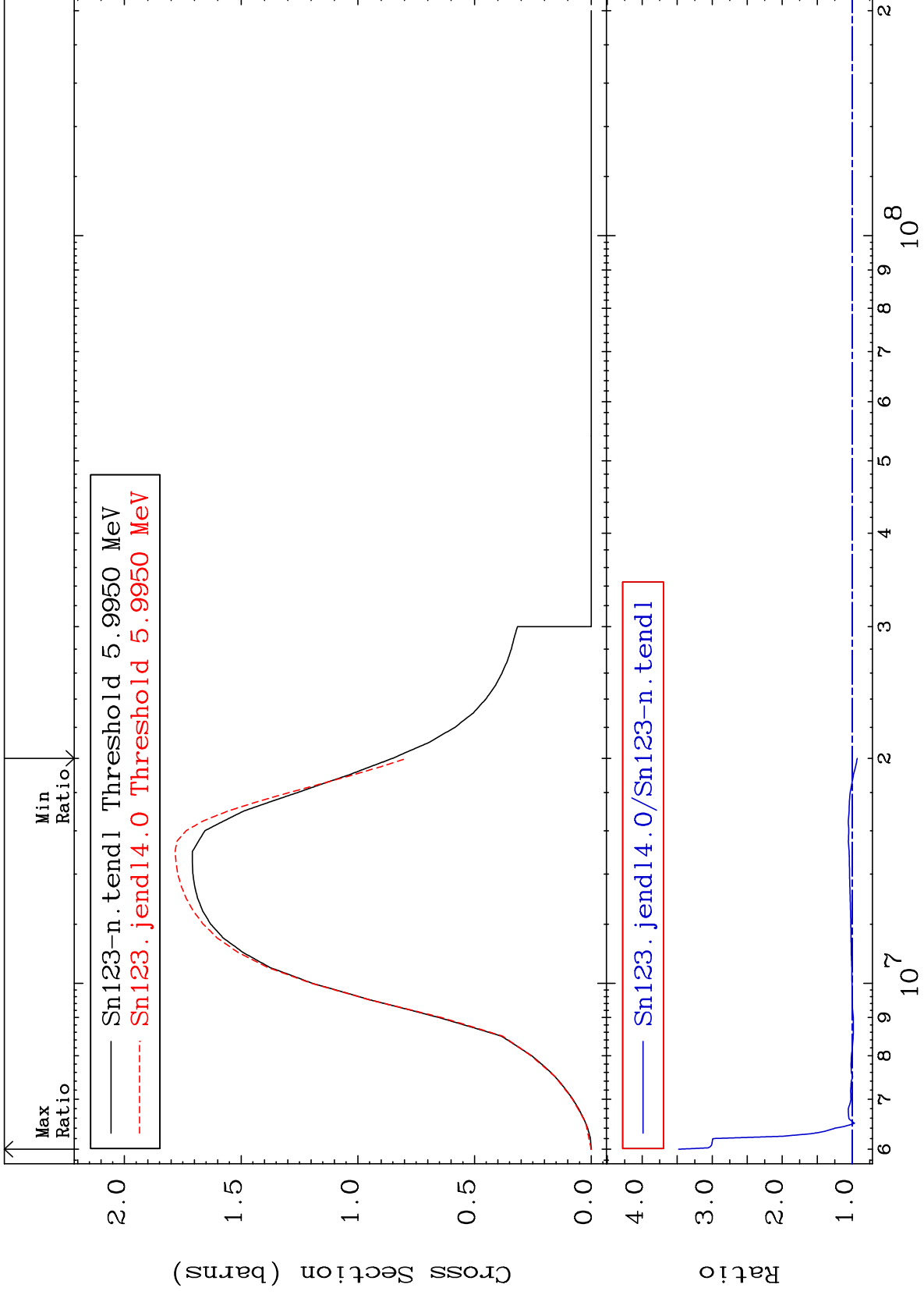
50-Sn-123
-55.19 To 89.66 %



MAT 5058

(n,2n)
Cross Section

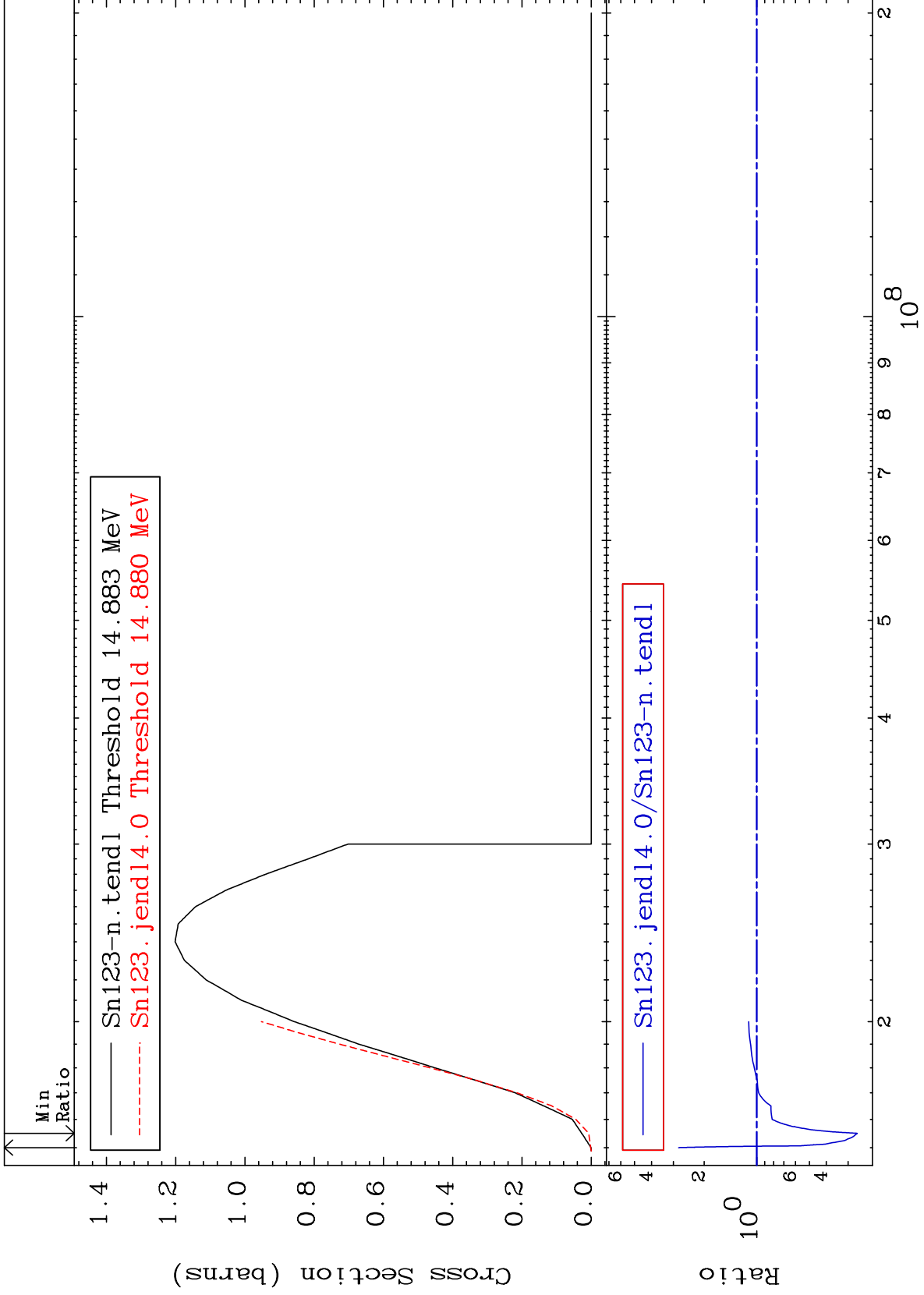
50-Sn-123
-7.204 To 248.0 %



MAT 5058

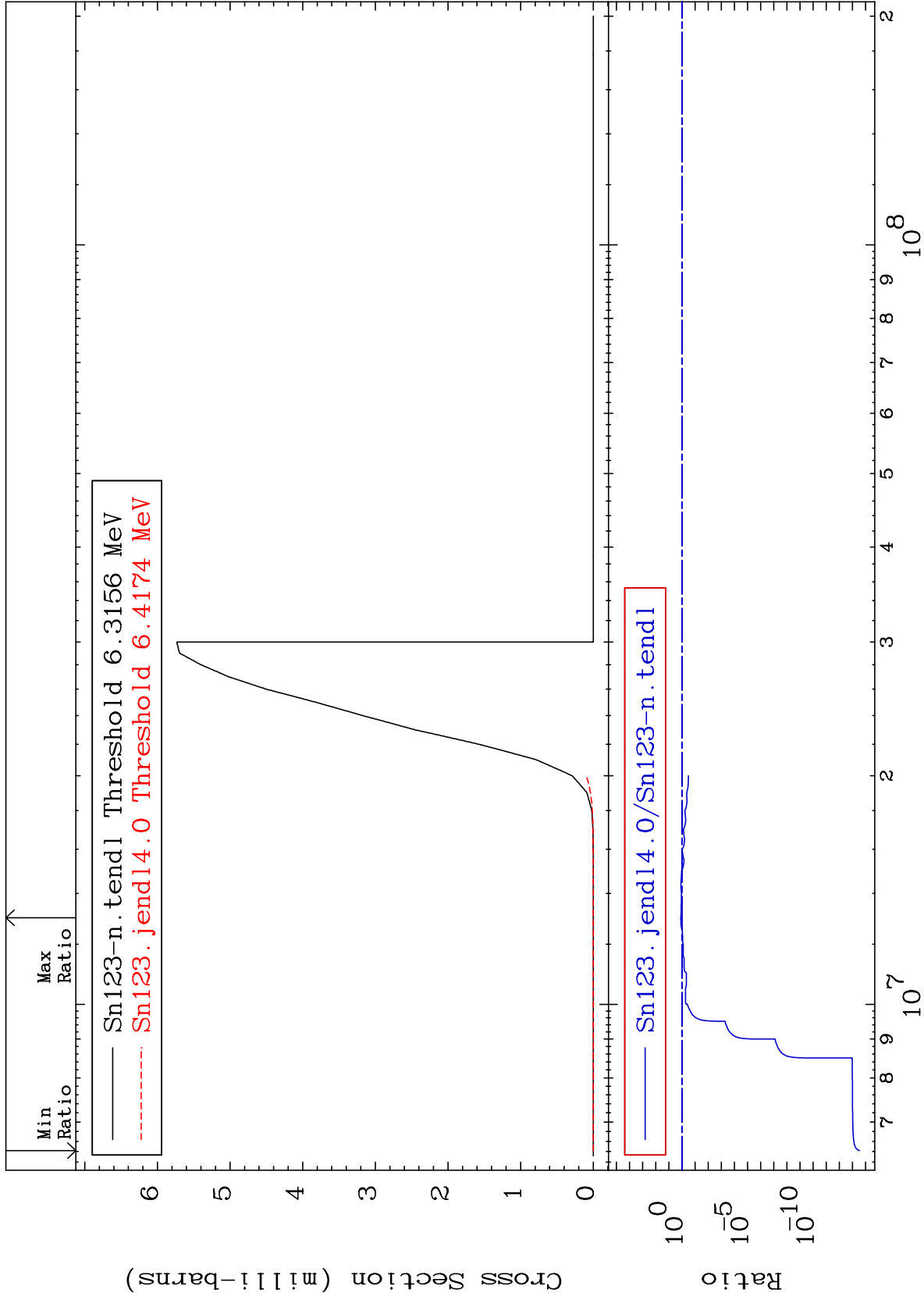
(n,3n)
Cross Section

50-Sn-123
-73.41 To 179.6 %



MAT 5058

(n, n') α
Cross Section
50-Sn-123
-100.0 To 23.27 %



6

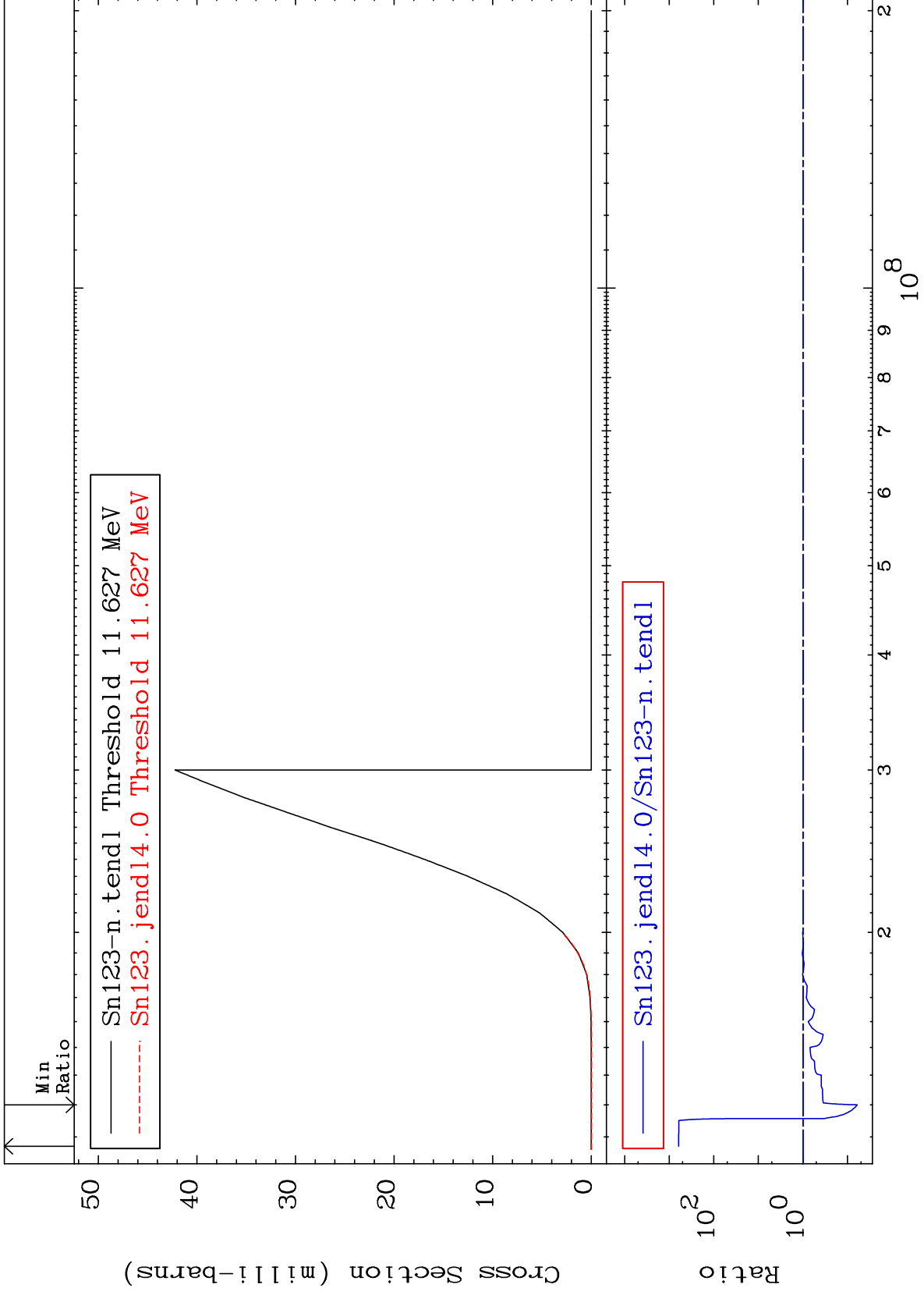
Incident Energy (eV)

50-Sn-123

MAT 5058

(n,n') p
Cross Section

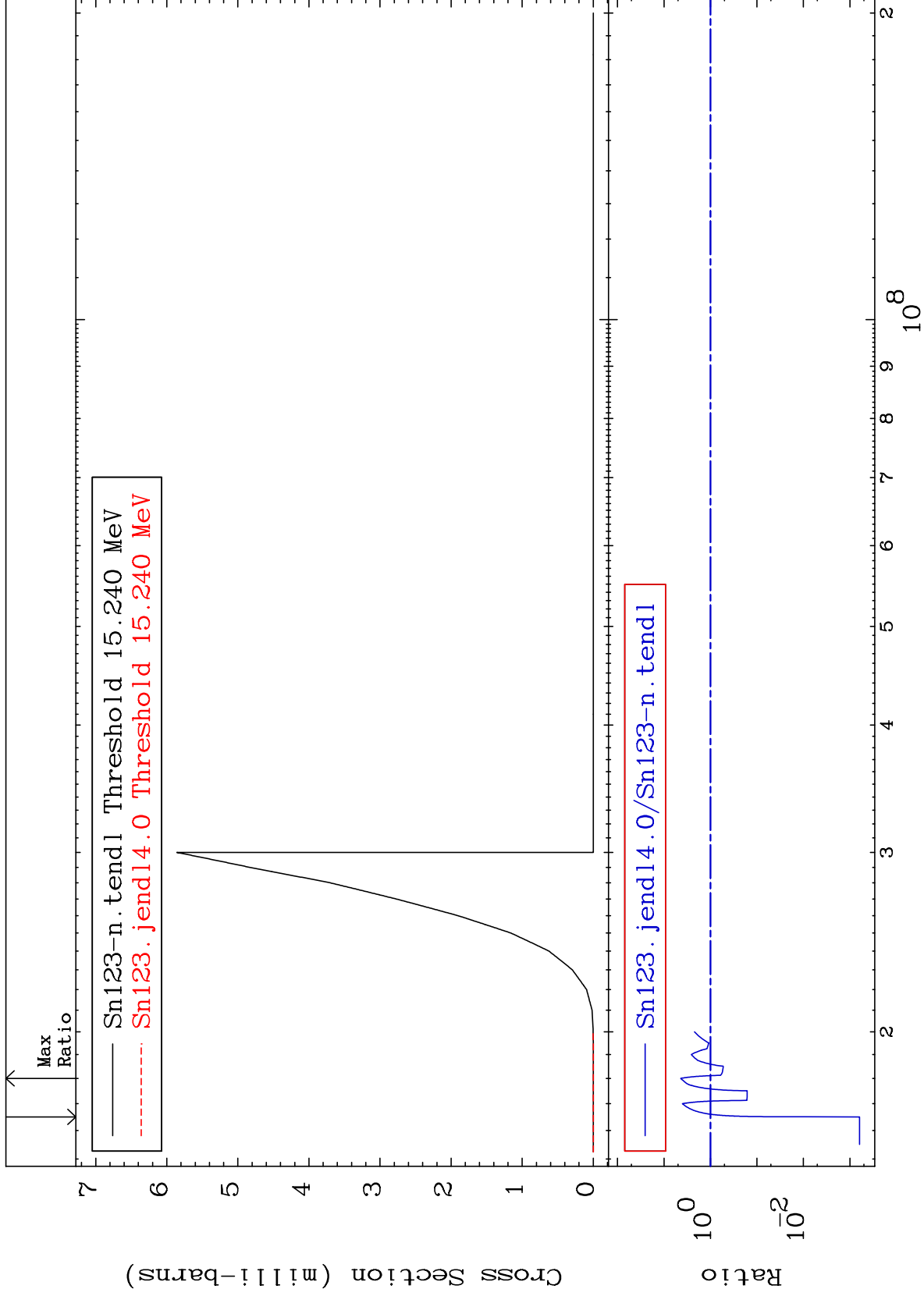
50-Sn-123
-93.96 To 9999. %



MAT 5058

(n,n') d
Cross Section

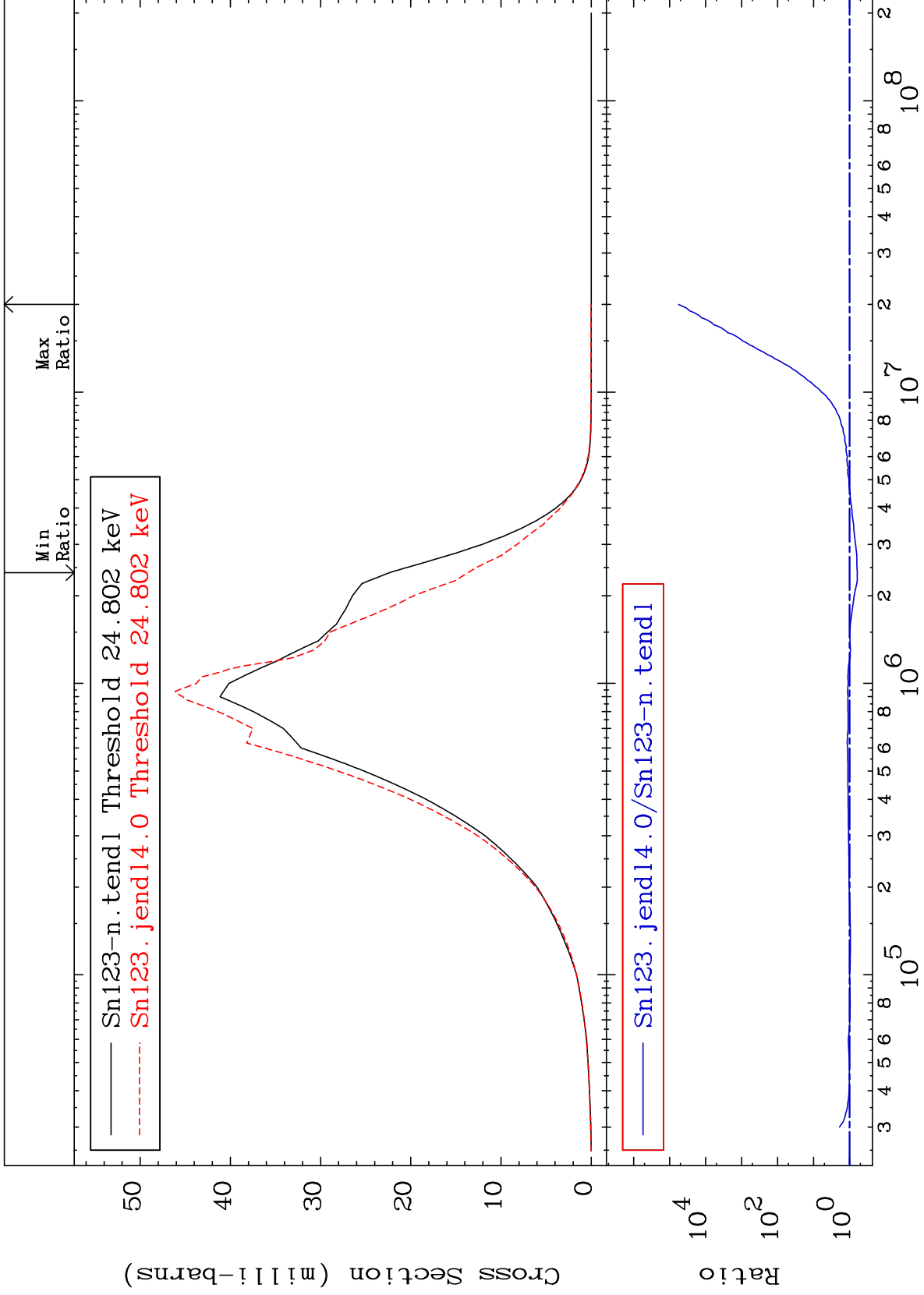
50-Sn-123
-99.94 To 335.0 %



MAT 5058

24.60 keV (n,n') Level
Cross Section

50-Sn-123
-38.93 To 9999. %



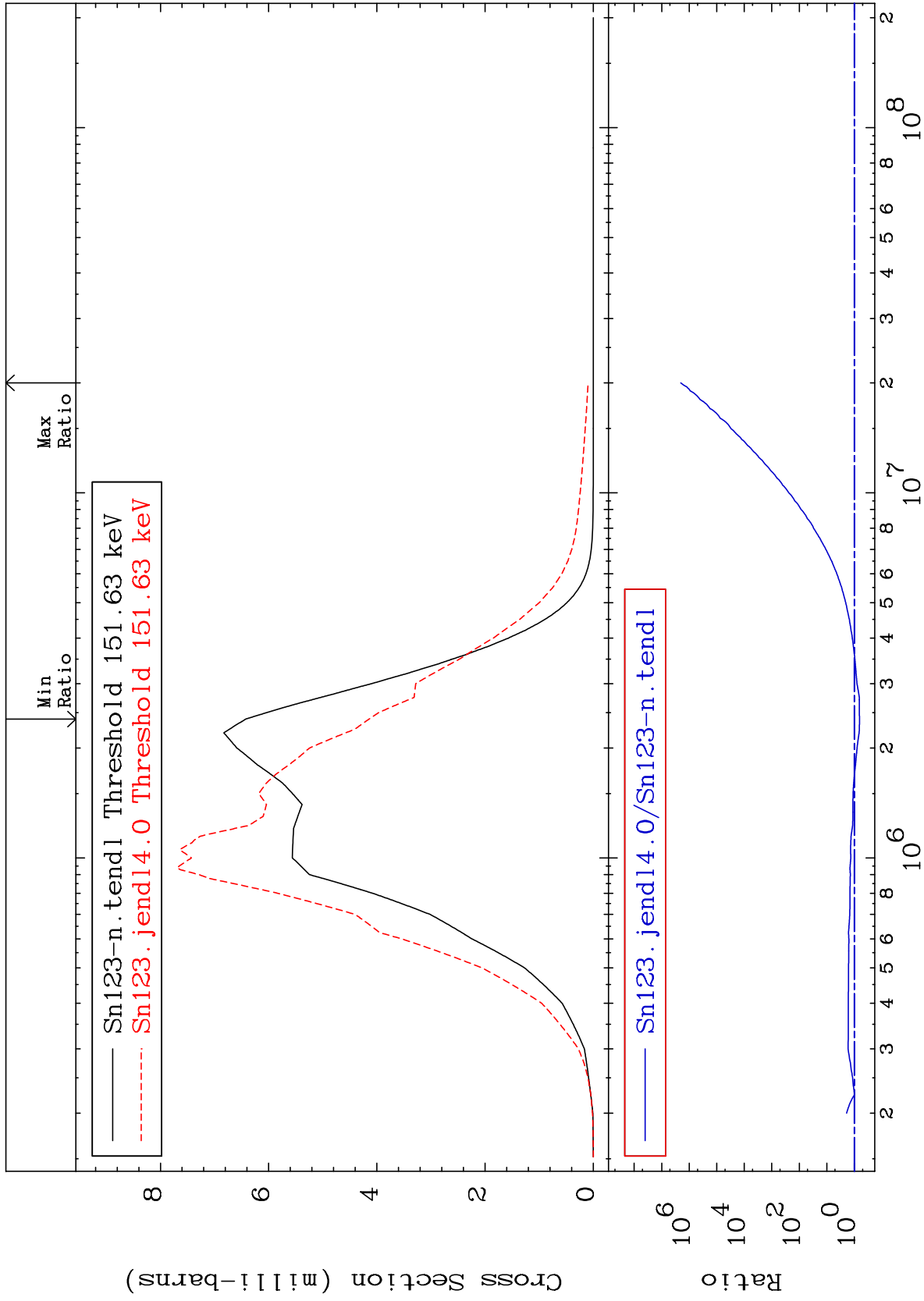
MAT 5058

150.4 keV (n,n') Level

50-Sn-123

-35.50 To 9999. %

Cross Section



10

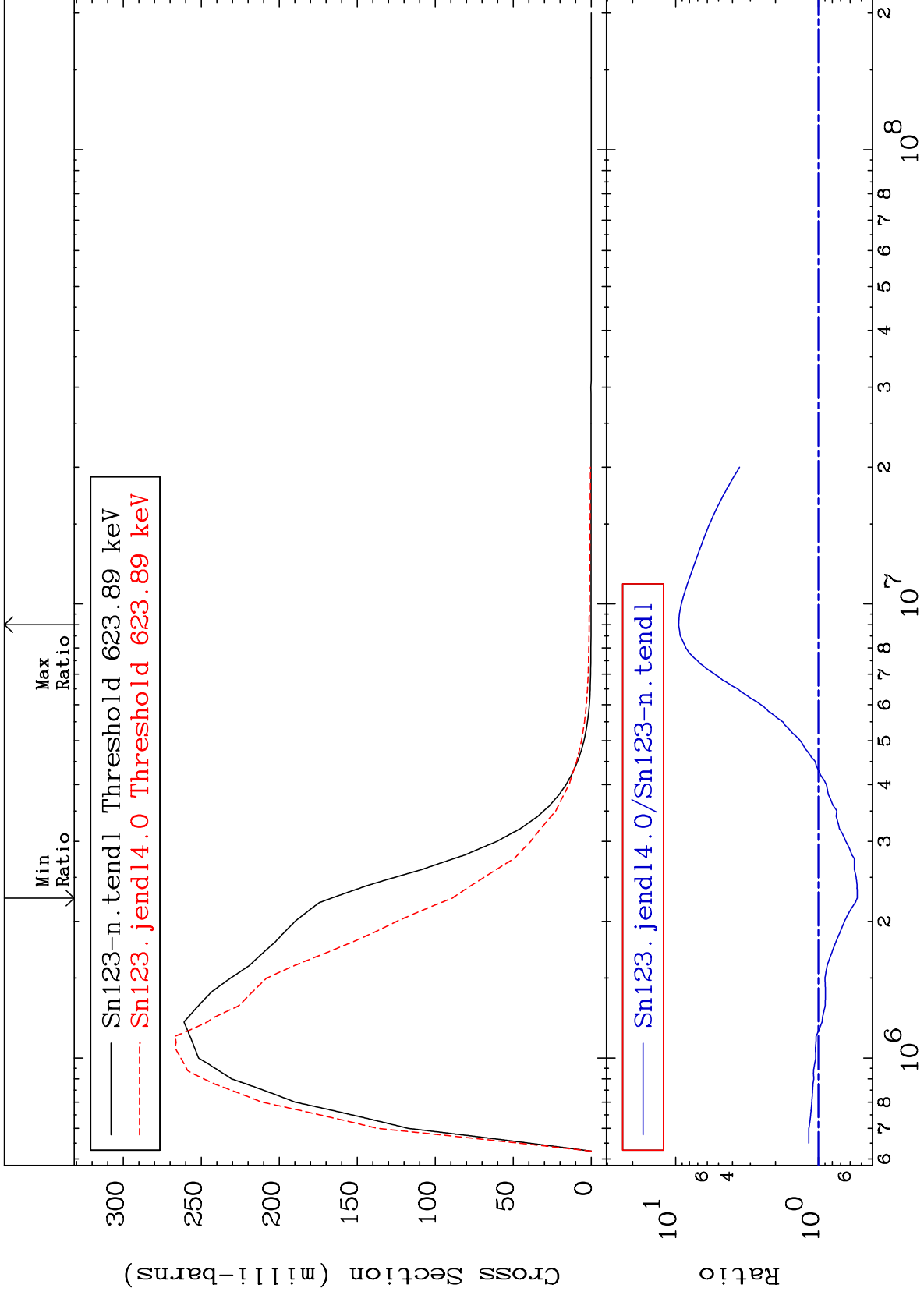
Incident Energy (eV)

50-Sn-123

MAT 5058

618.8 keV (n,n') Level
Cross Section

50-Sn-123
-46.51 To 852.1 %



11

Incident Energy (eV)

50-Sn-123

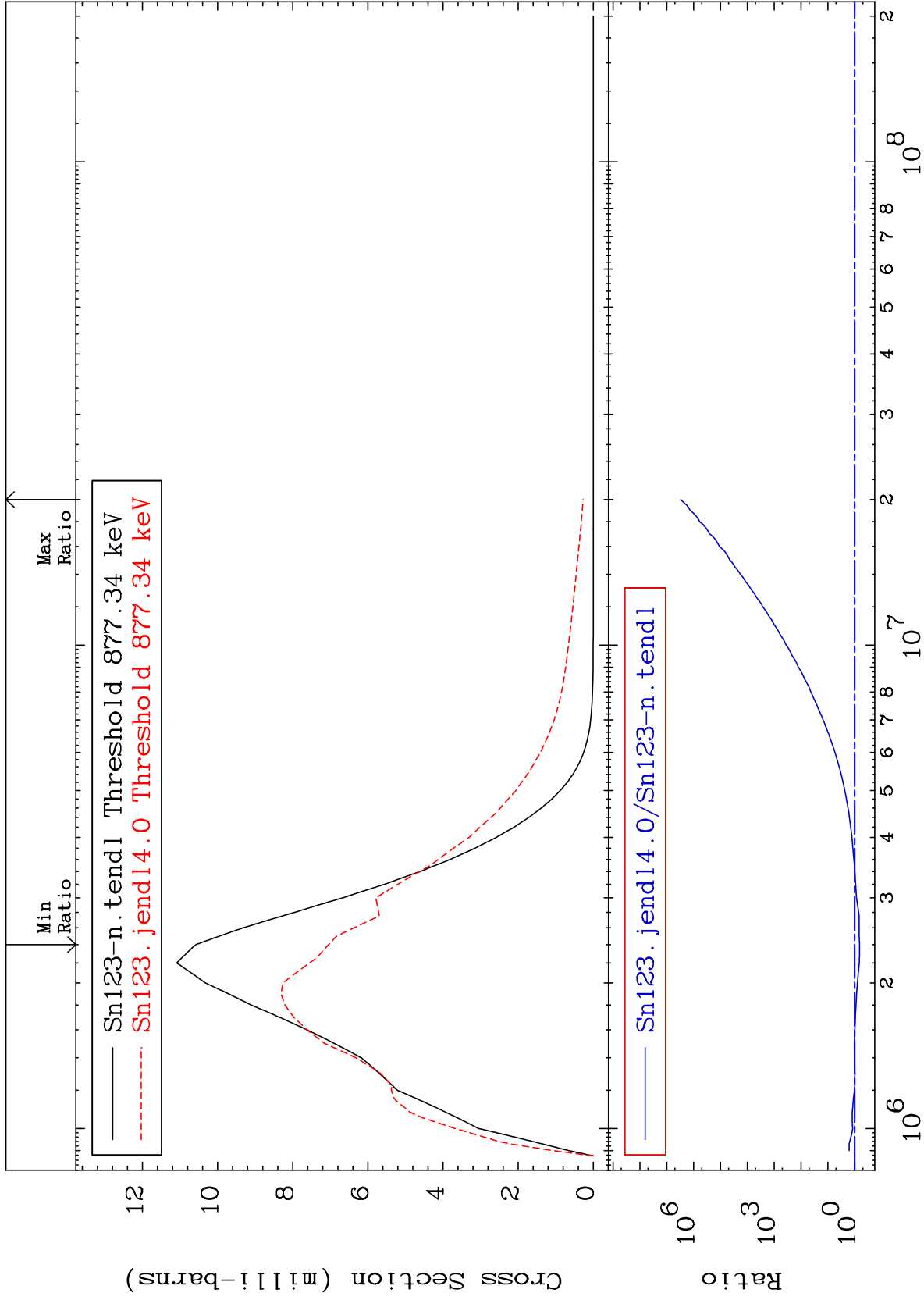
MAT 5058

870.2 keV (n,n') Level

50-Sn-123

-33.42 To 9999. %

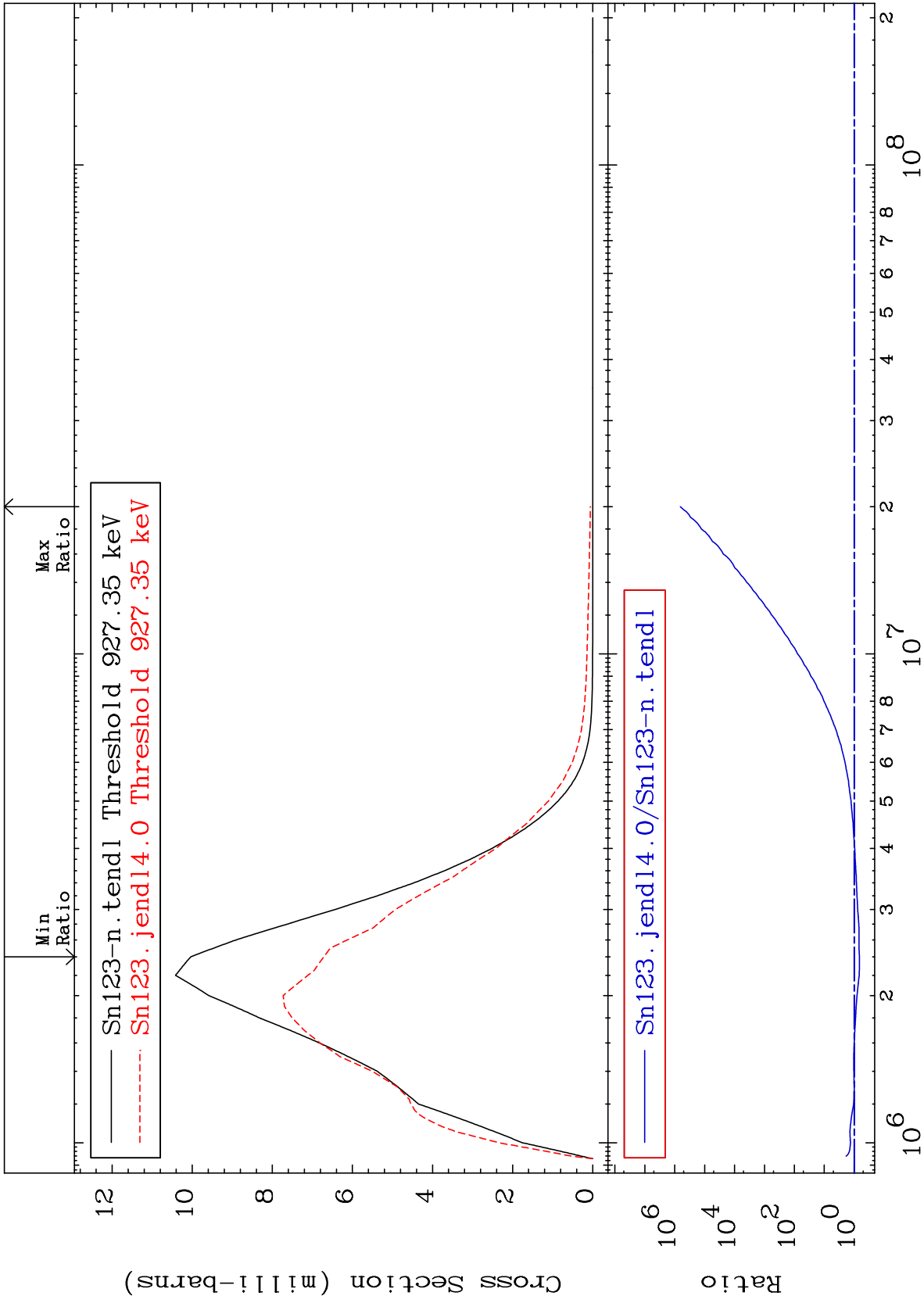
Cross Section



MAT 5058

919.8 keV (n,n') Level
Cross Section

50-Sn-123
-33.11 To 9999. %



13

Incident Energy (eV)

50-Sn-123

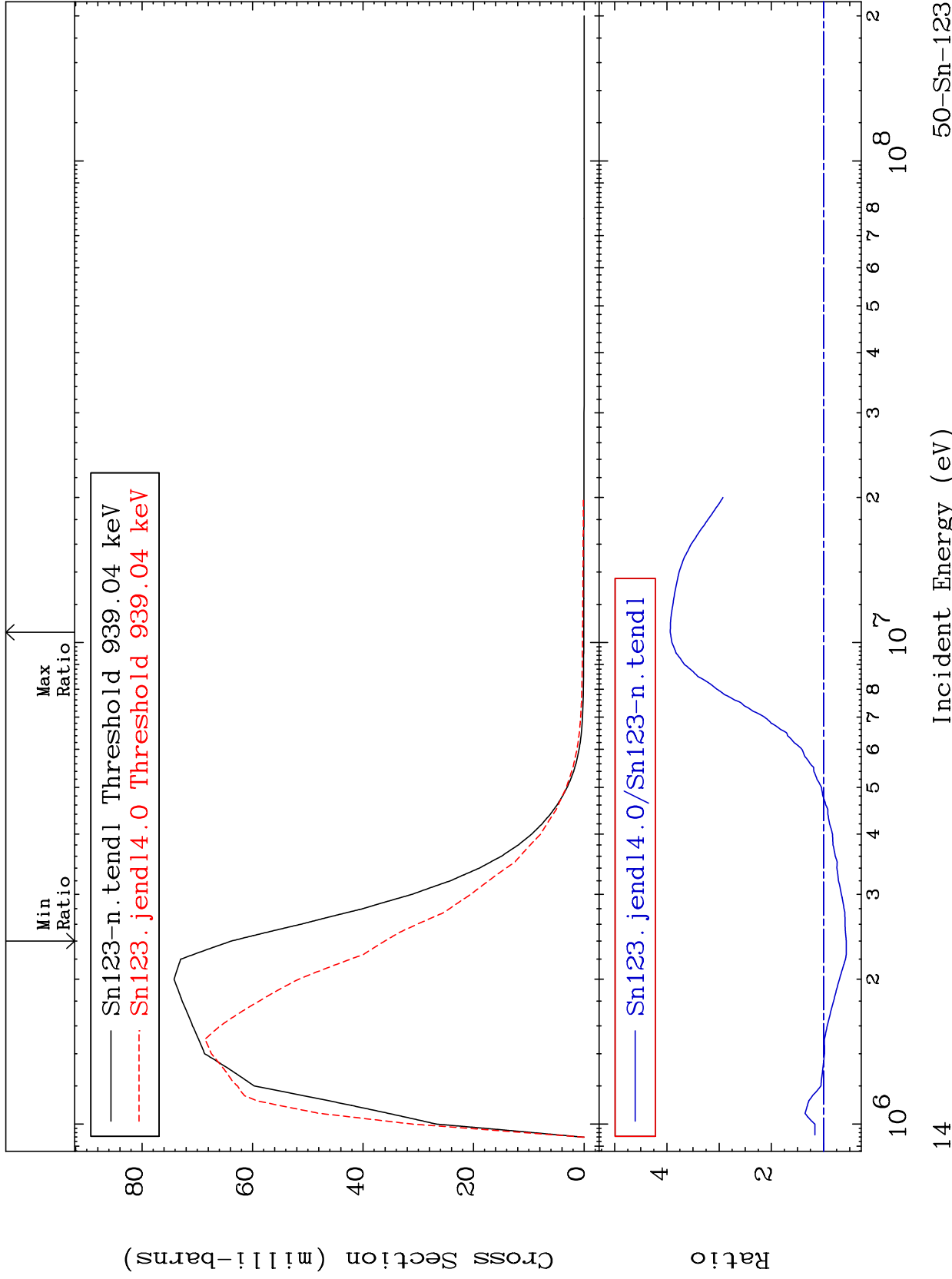
MAT 5058

931.4 keV (n,n') Level

50-Sn-123

-43.51 To 293.5 %

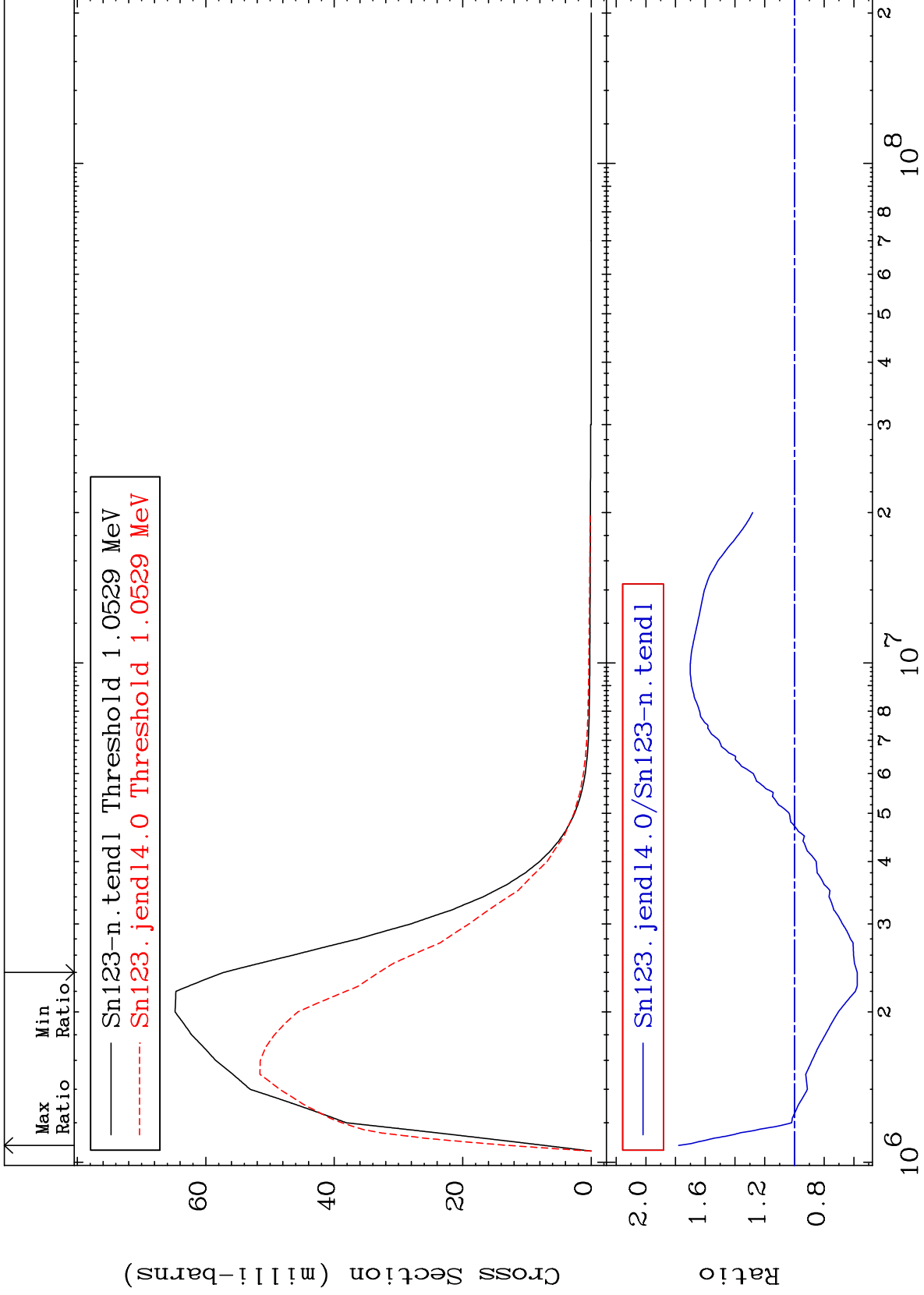
Cross Section



MAT 5058

1.044 MeV (n,n') Level
Cross Section

50-Sn-123
-42.25 To 77.93 %



15

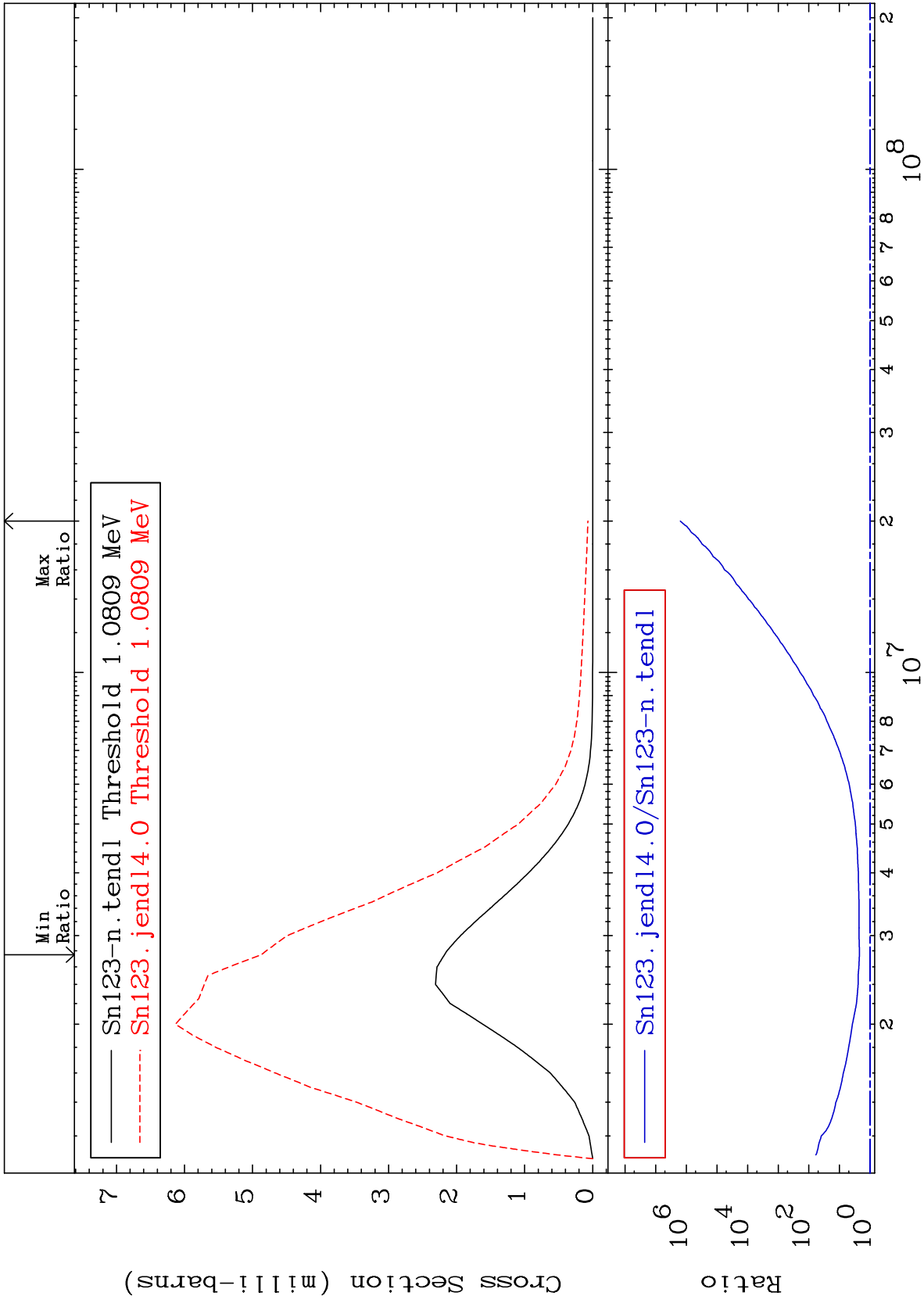
Incident Energy (eV)

50-Sn-123

MAT 5058

1.072 MeV (n,n') Level
Cross Section

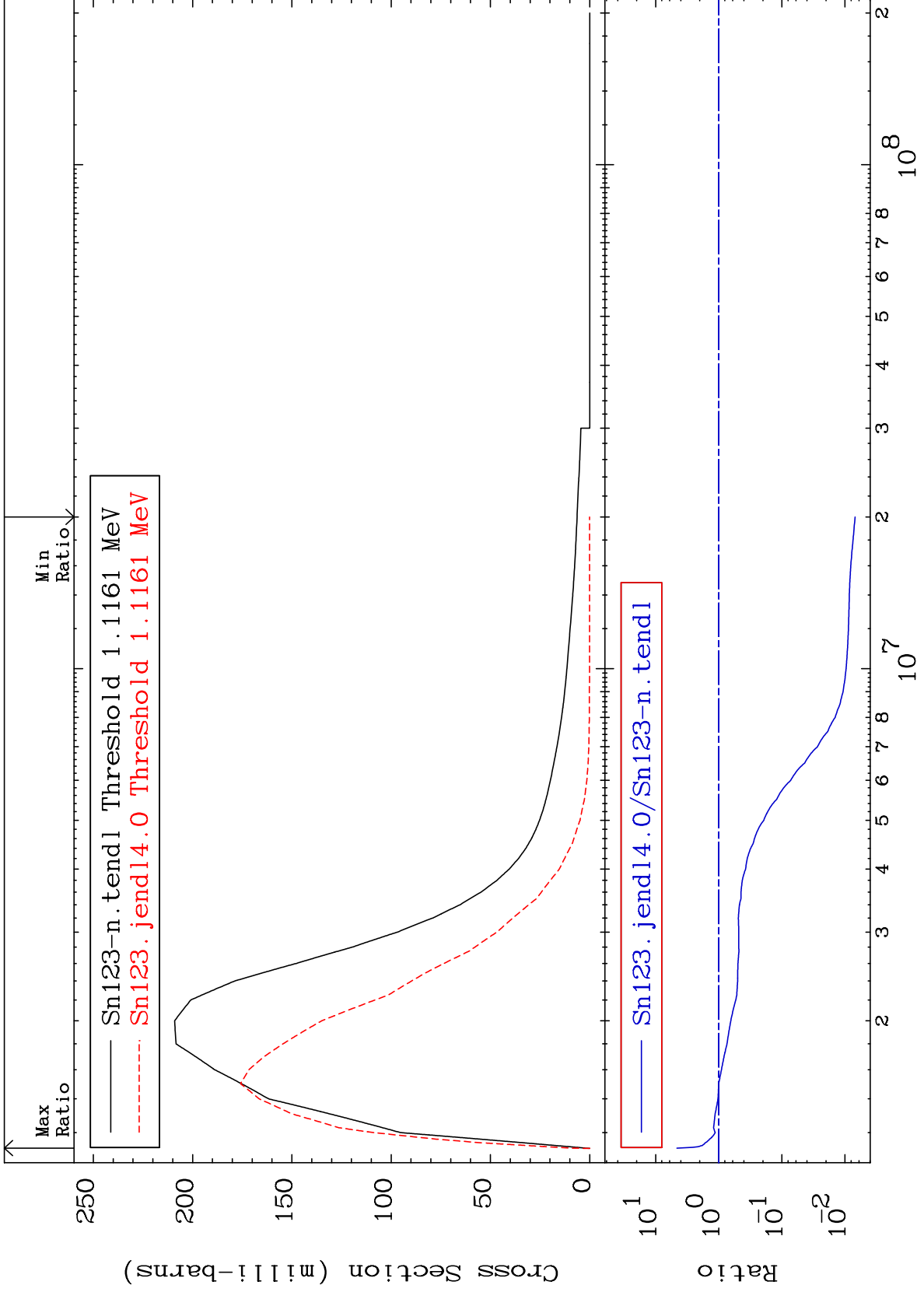
50-Sn-123
123.6 To 9999. %



MAT 5058

1.107 MeV (n,n') Level
Cross Section

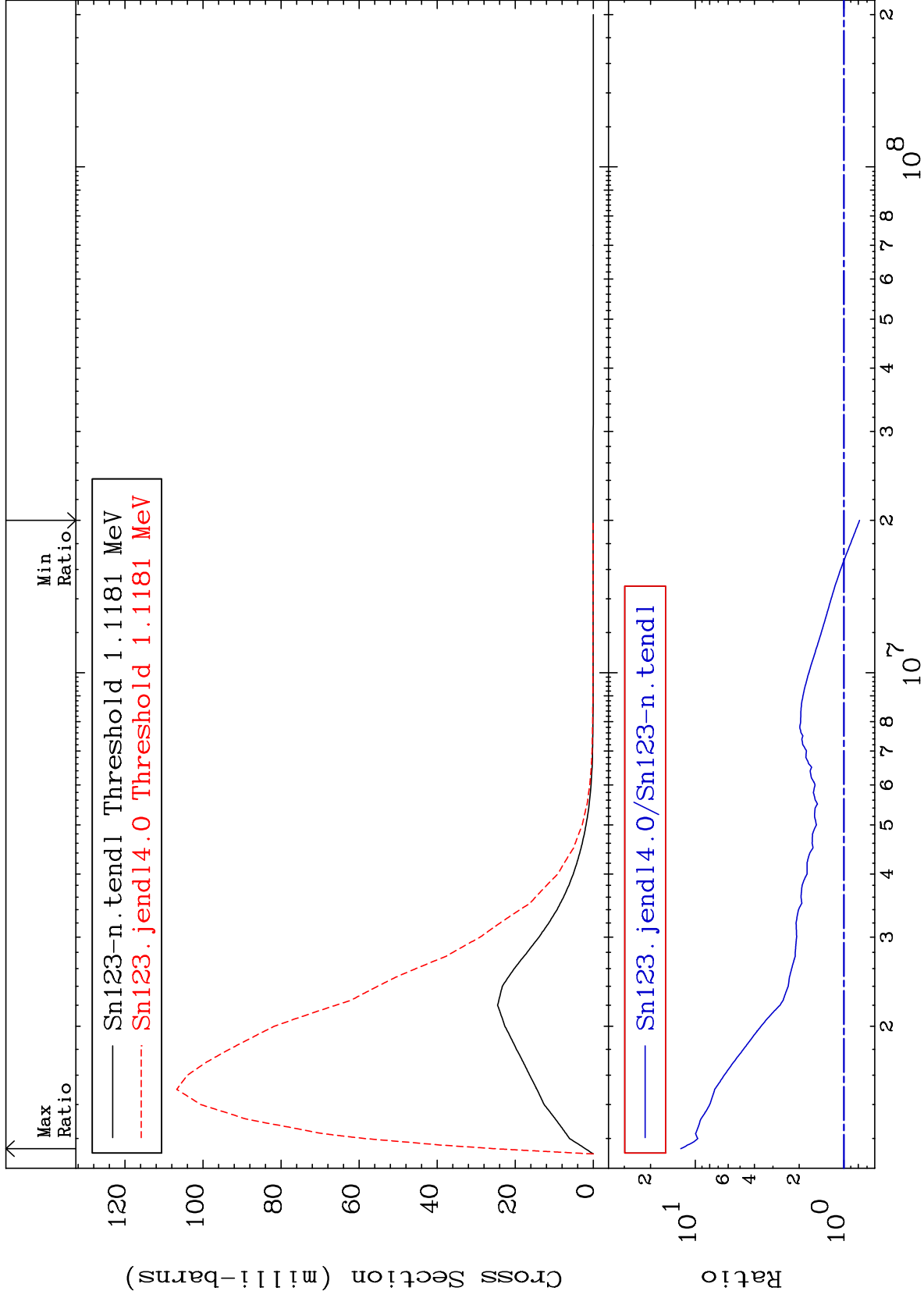
50-Sn-123
-99.31 To 360.7 %



MAT 5058

1.109 MeV (n,n') Level
Cross Section

50-Sn-123
-21.42 To 1151. %



18

Incident Energy (eV)

50-Sn-123

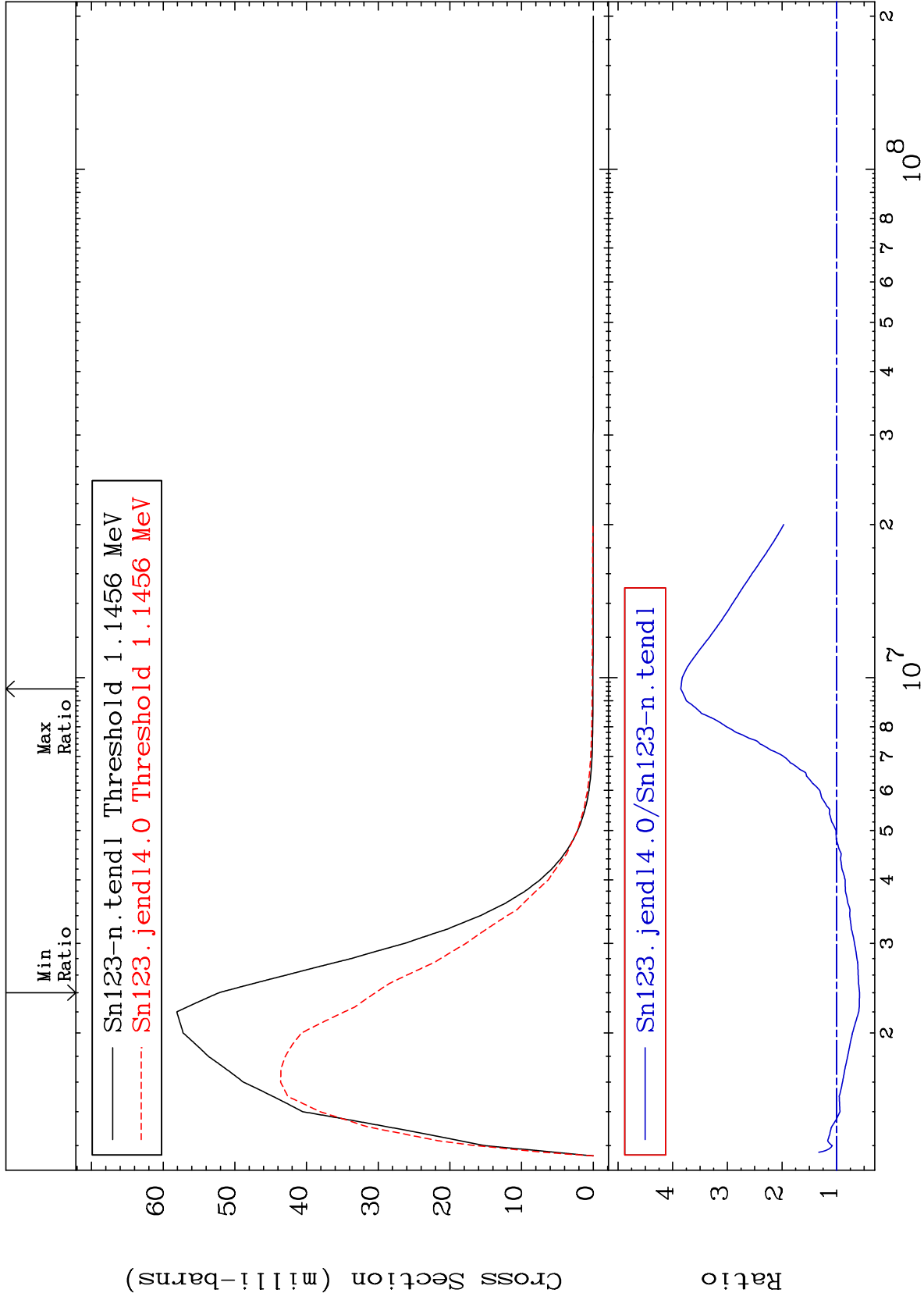
MAT 5058

1.136 MeV (n,n') Level

50-Sn-123

-41.77 To 285.2 %

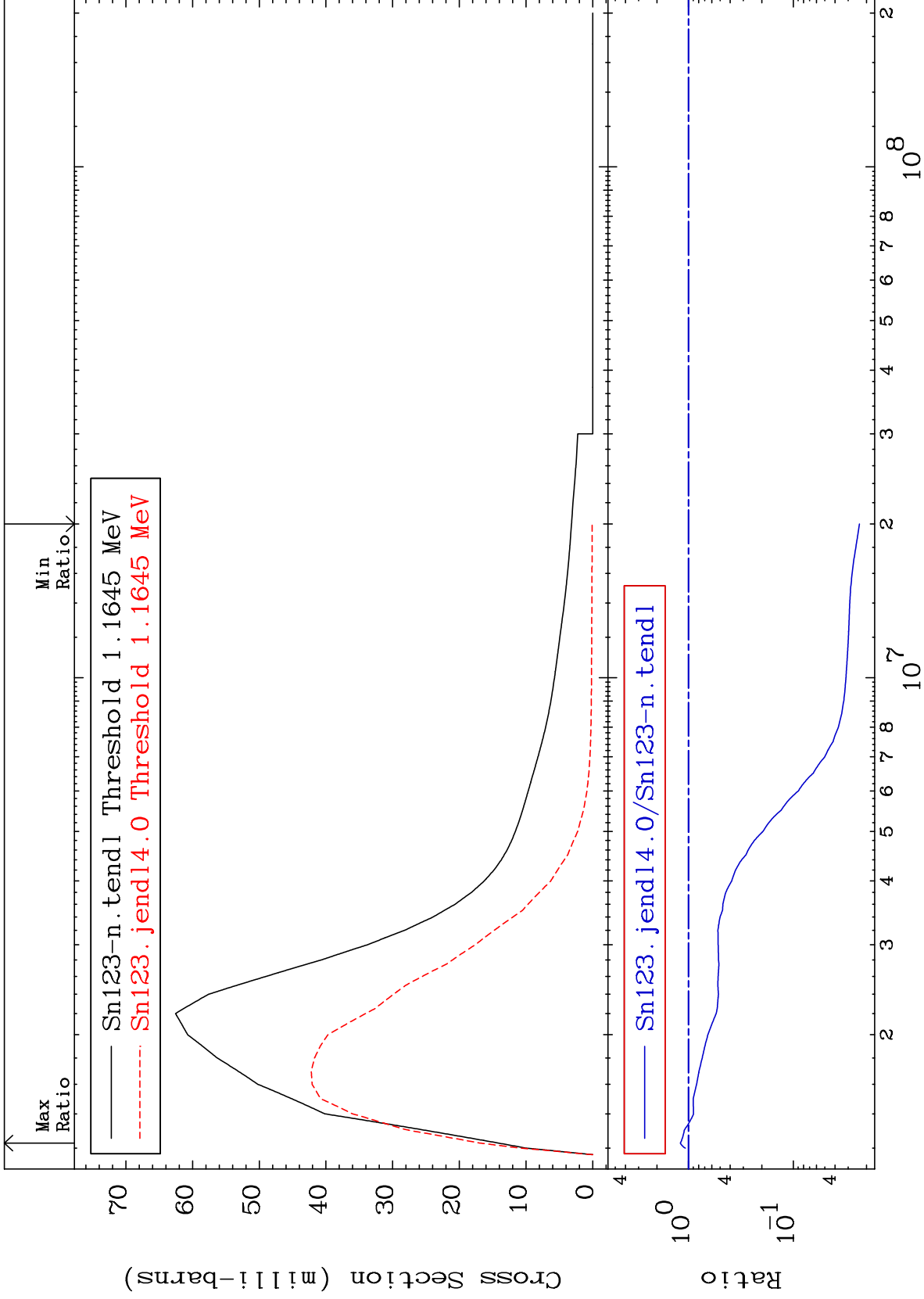
Cross Section



MAT 5058

1.155 MeV (n,n') Level
Cross Section

50-Sn-123
-97.66 To 19.63 %



20

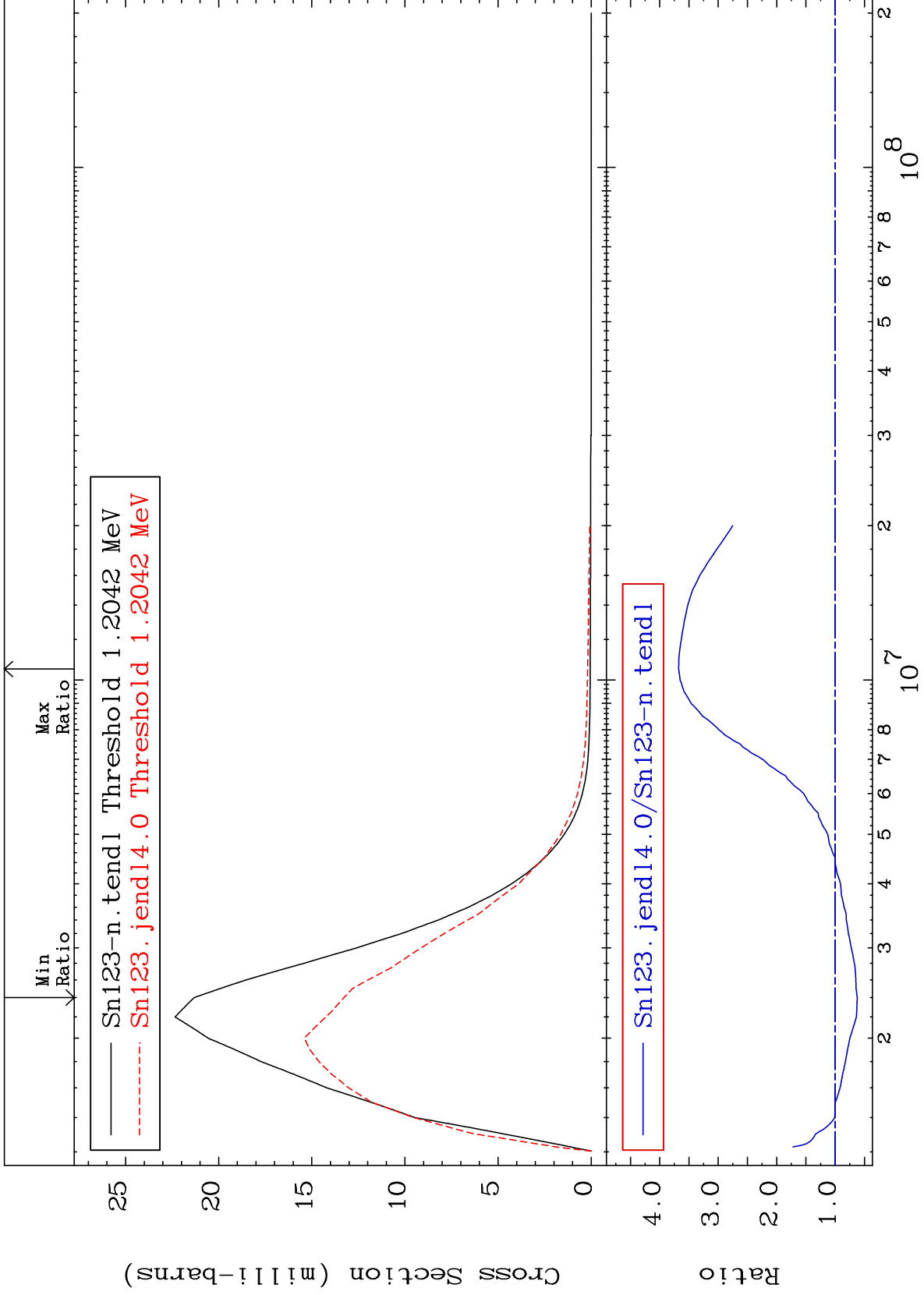
Incident Energy (eV)

50-Sn-123

MAT 5058

1.194 MeV (n,n') Level
Cross Section

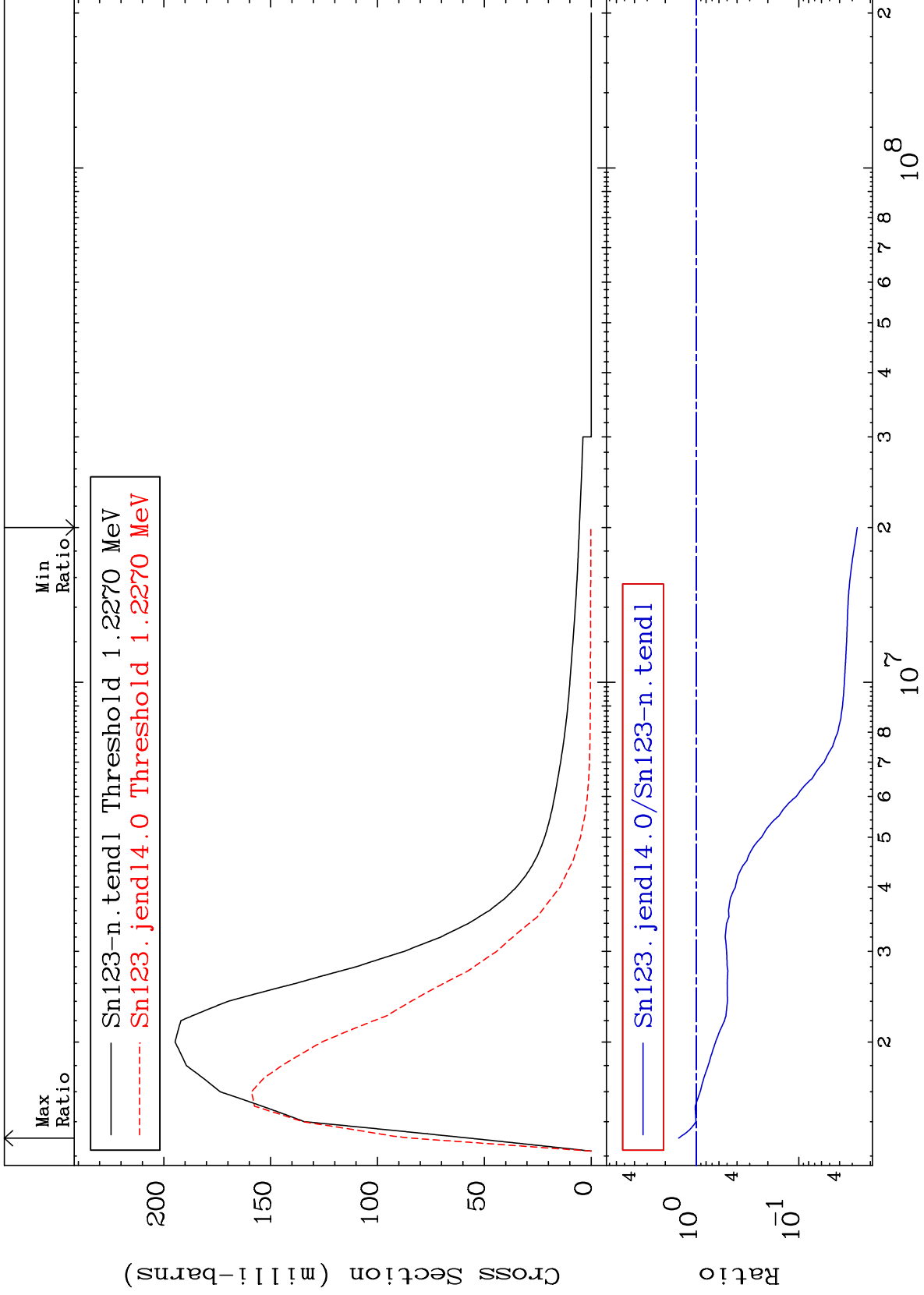
50-Sn-123
-37.72 To 267.6 %



MAT 5058

1.217 MeV (n,n') Level
Cross Section

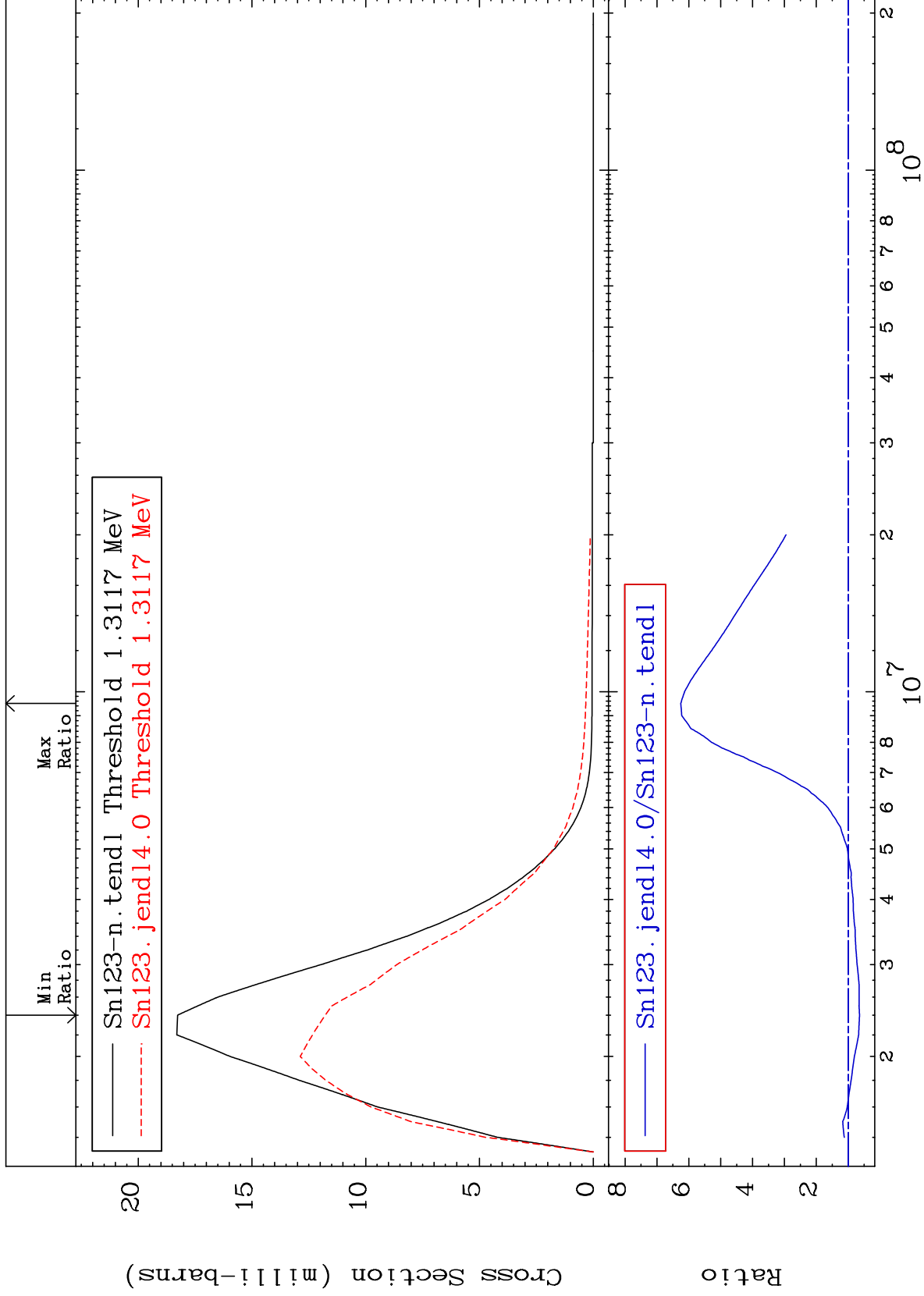
50-Sn-123
-97.31 To 48.29 %



MAT 5058

1.301 MeV (n,n') Level
Cross Section

50-Sn-123
-35.53 To 525.2 %



23

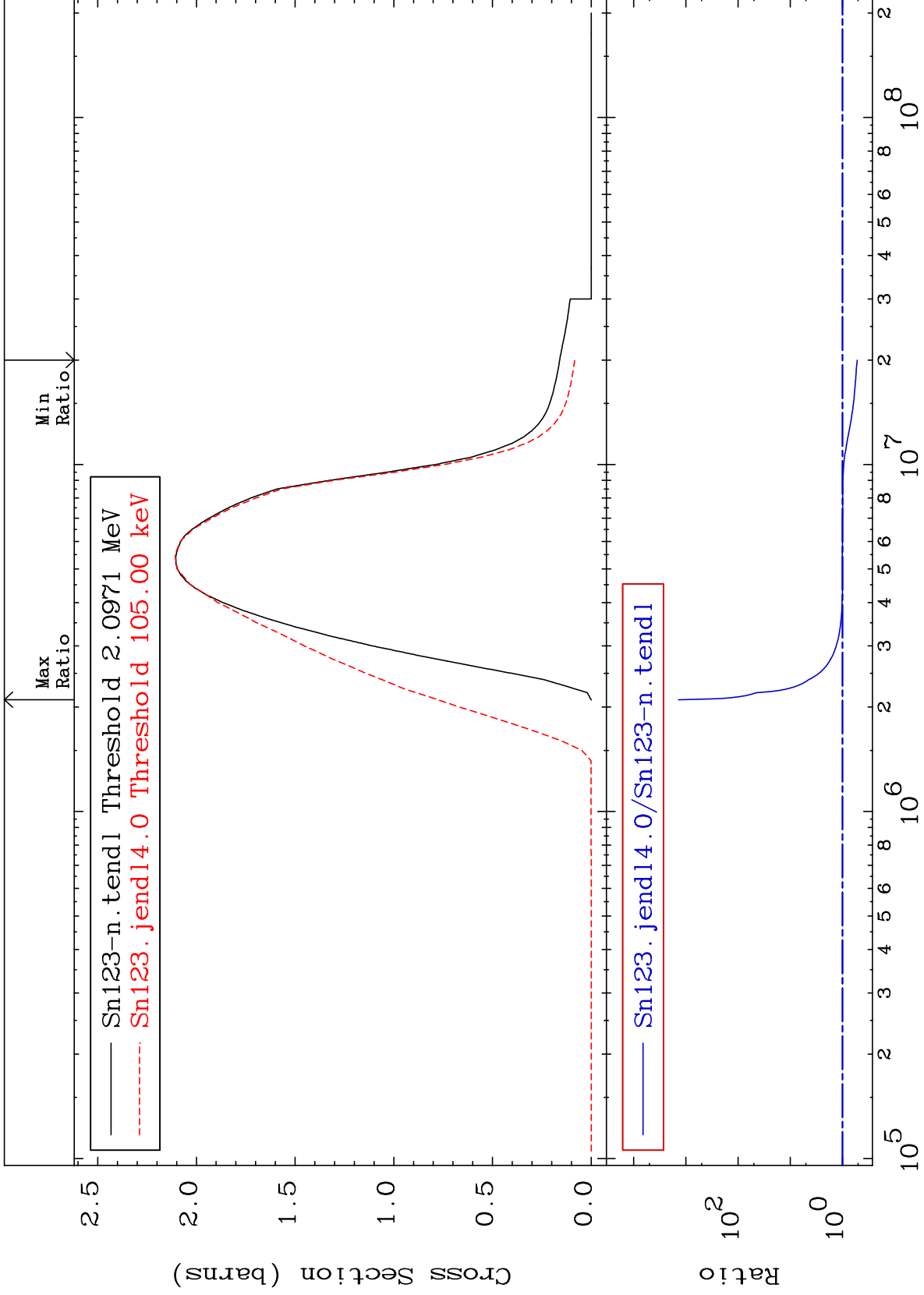
Incident Energy (eV)

50-Sn-123

MAT 5058

(n, n') Continuum
Cross Section

50-Sn-123
-48.06 To 9999. %



24

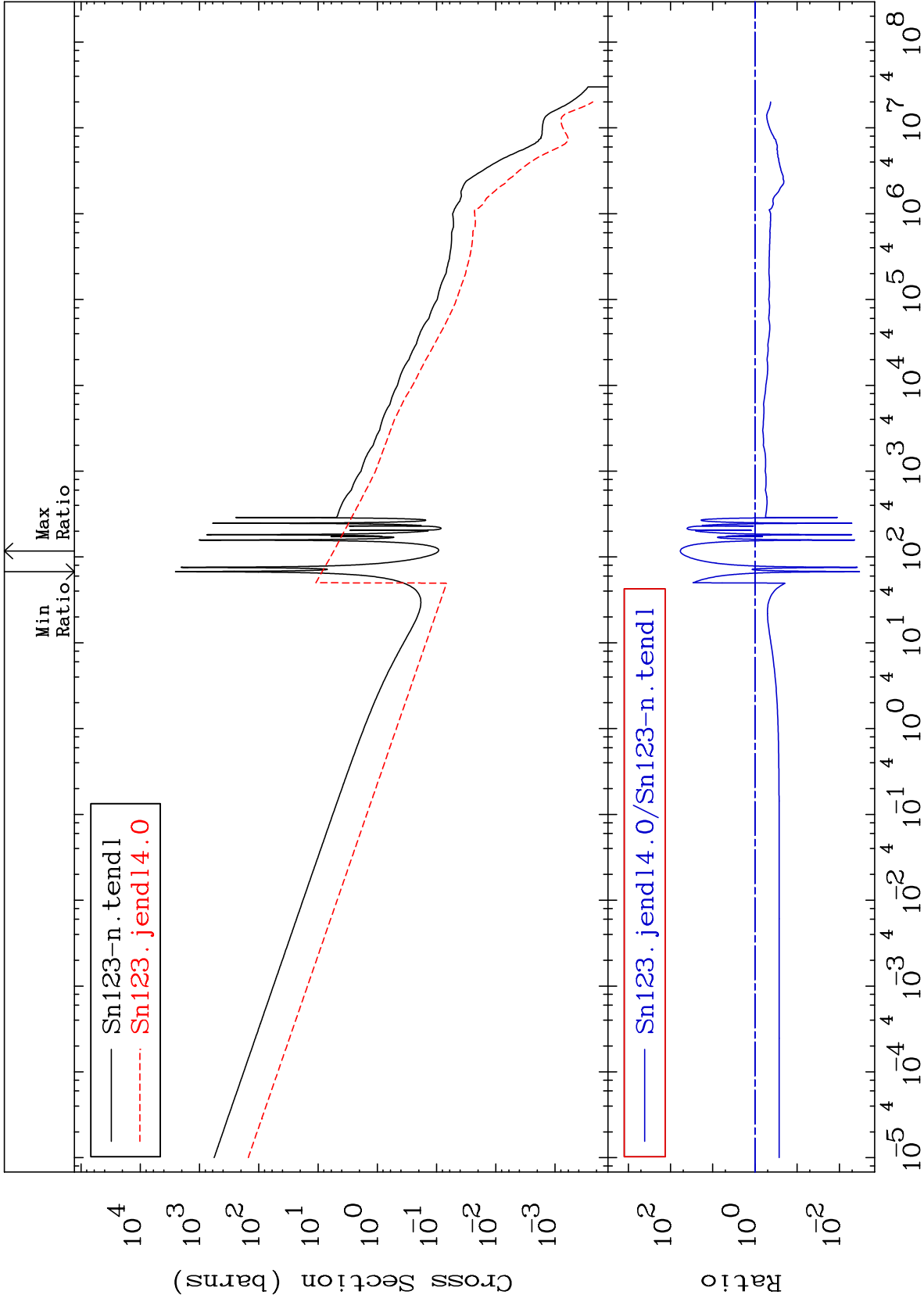
Incident Energy (eV)

50-Sn-123

MAT 5058

(n, γ)
Cross Section

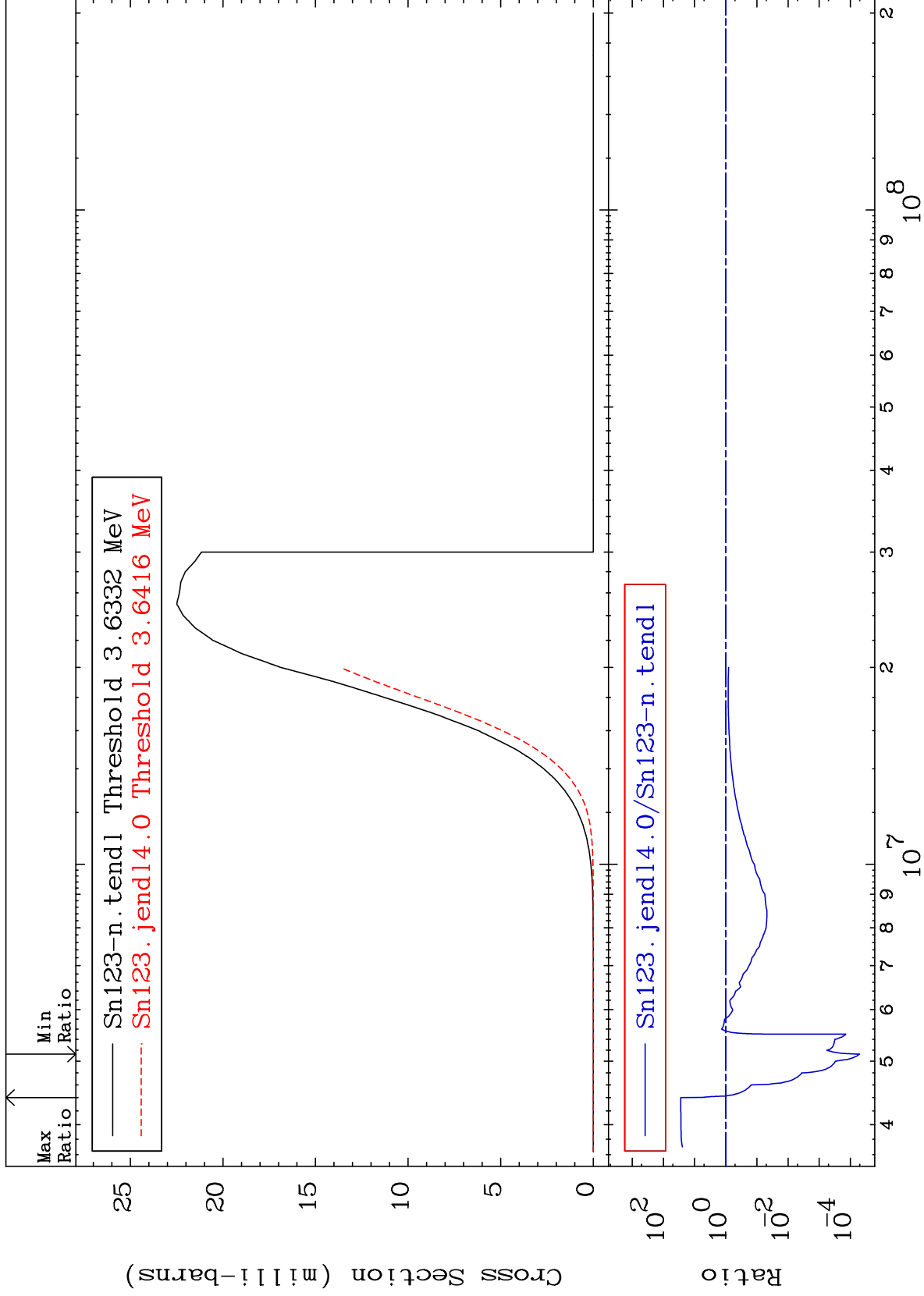
50-Sn-123
-99.67 To 5742. %



MAT 5058

(n,p)
Cross Section

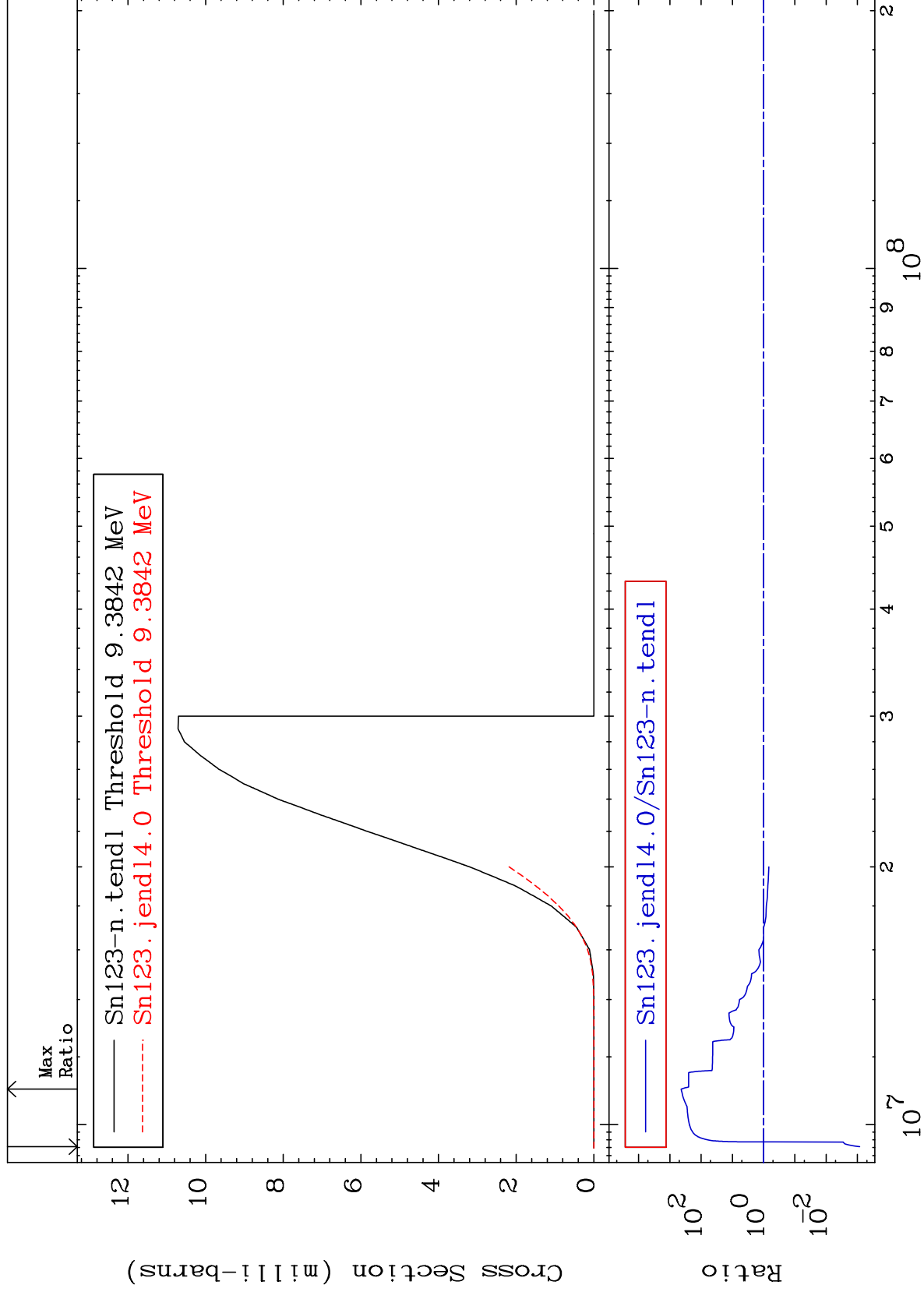
50-Sn-123
-99.99 To 2670. %



MAT 5058

(n, d)
Cross Section

50-Sn-123
-99.92 To 9999. %



27

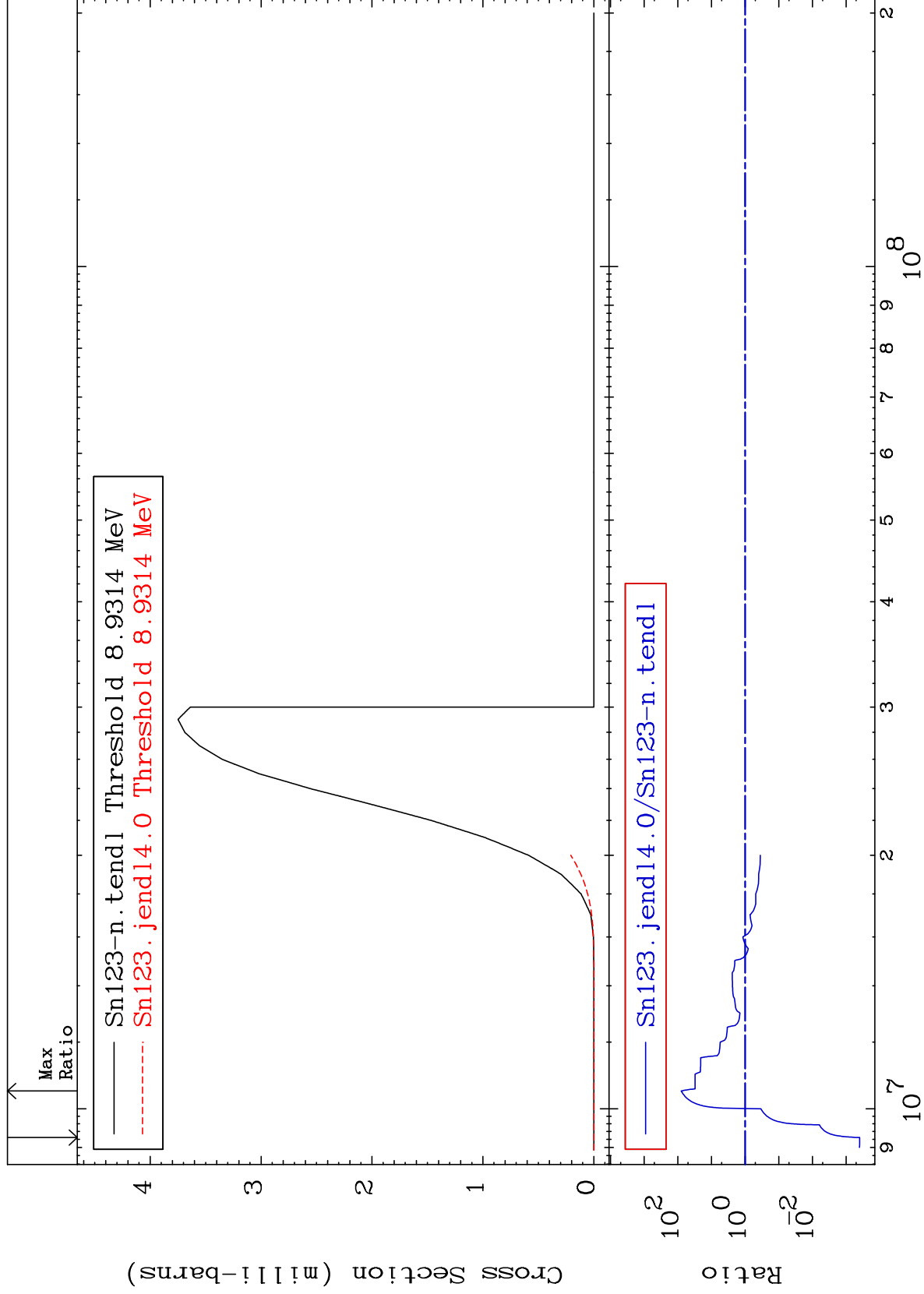
50-Sn-123

50-Sn-123

MAT 5058

(n, t)
Cross Section

50-Sn-123
-99.96 To 7861. %



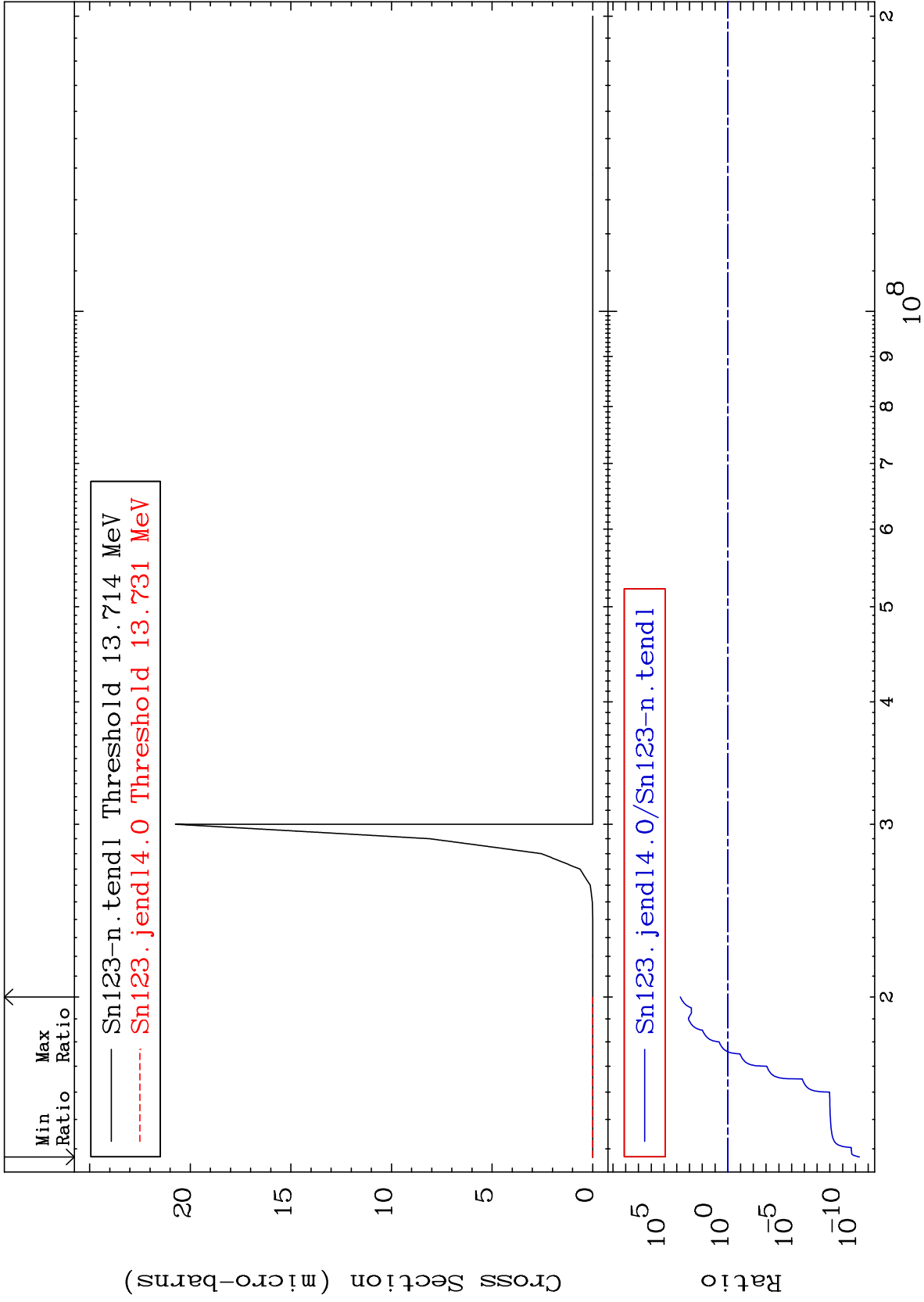
28

50-Sn-123

50-Sn-123

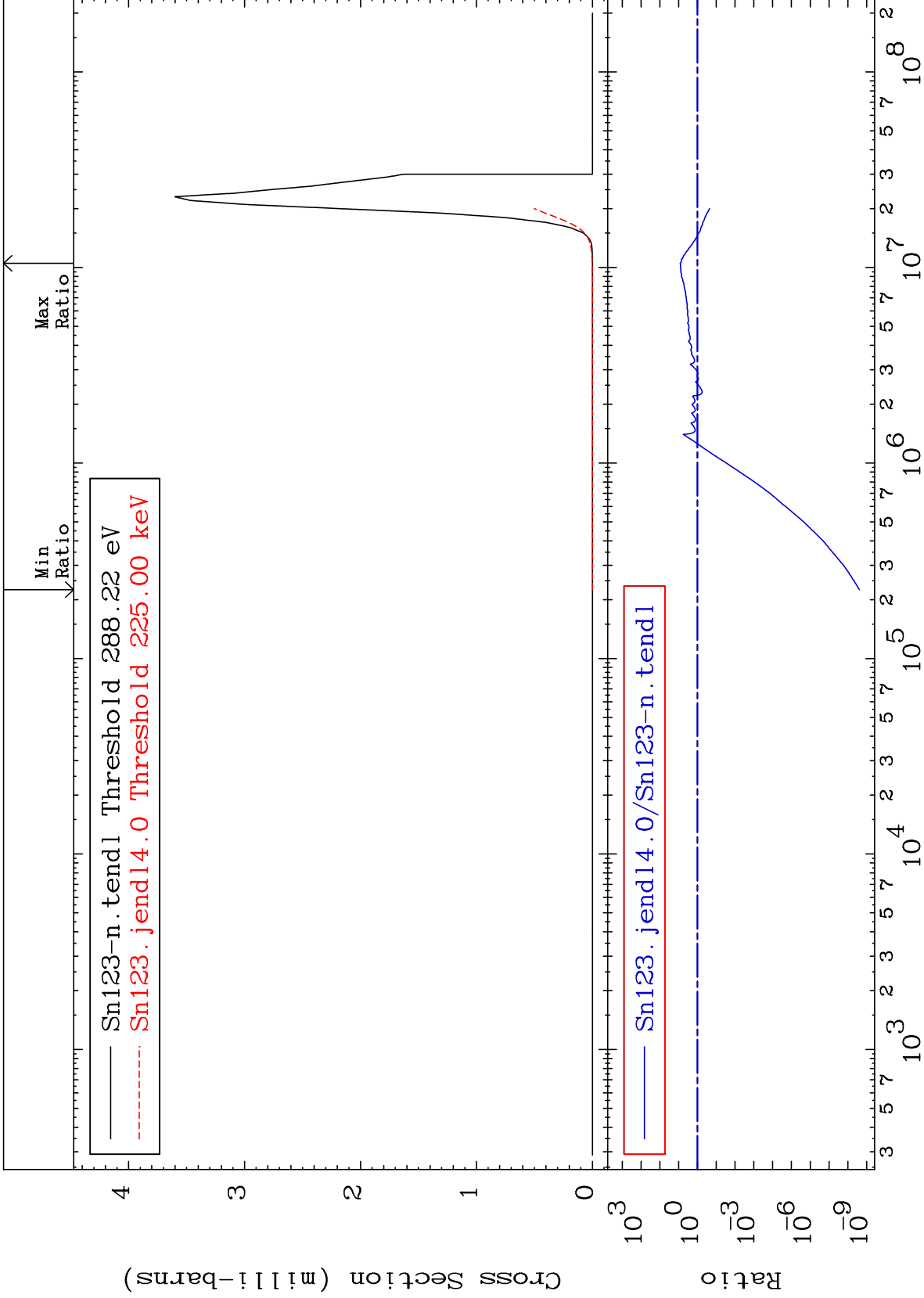
Cross Section

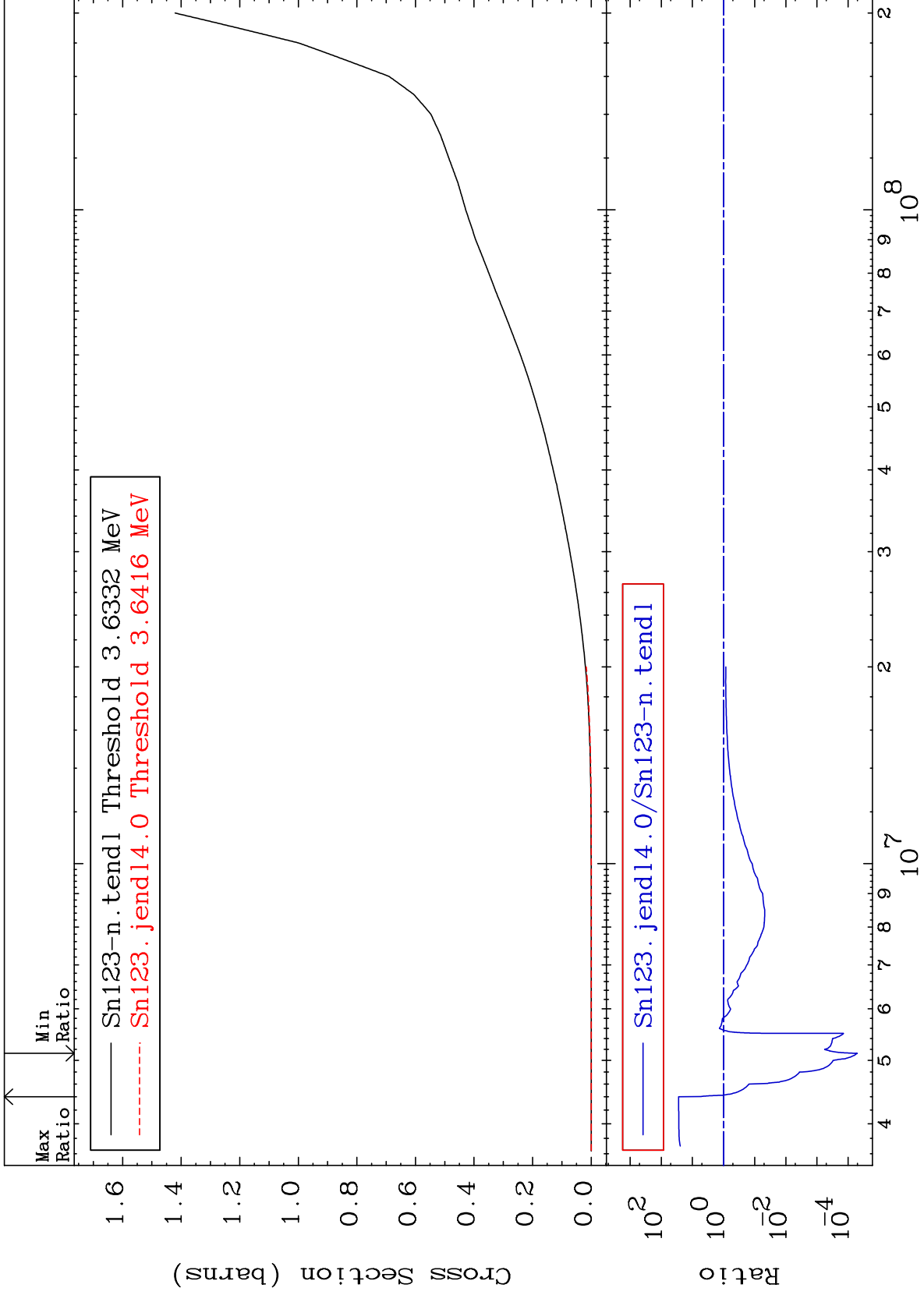
-100.0 To 9999. %



MAT 5058

(n, α)
Cross Section
50-Sn-123
-100.0 To 736.2 %

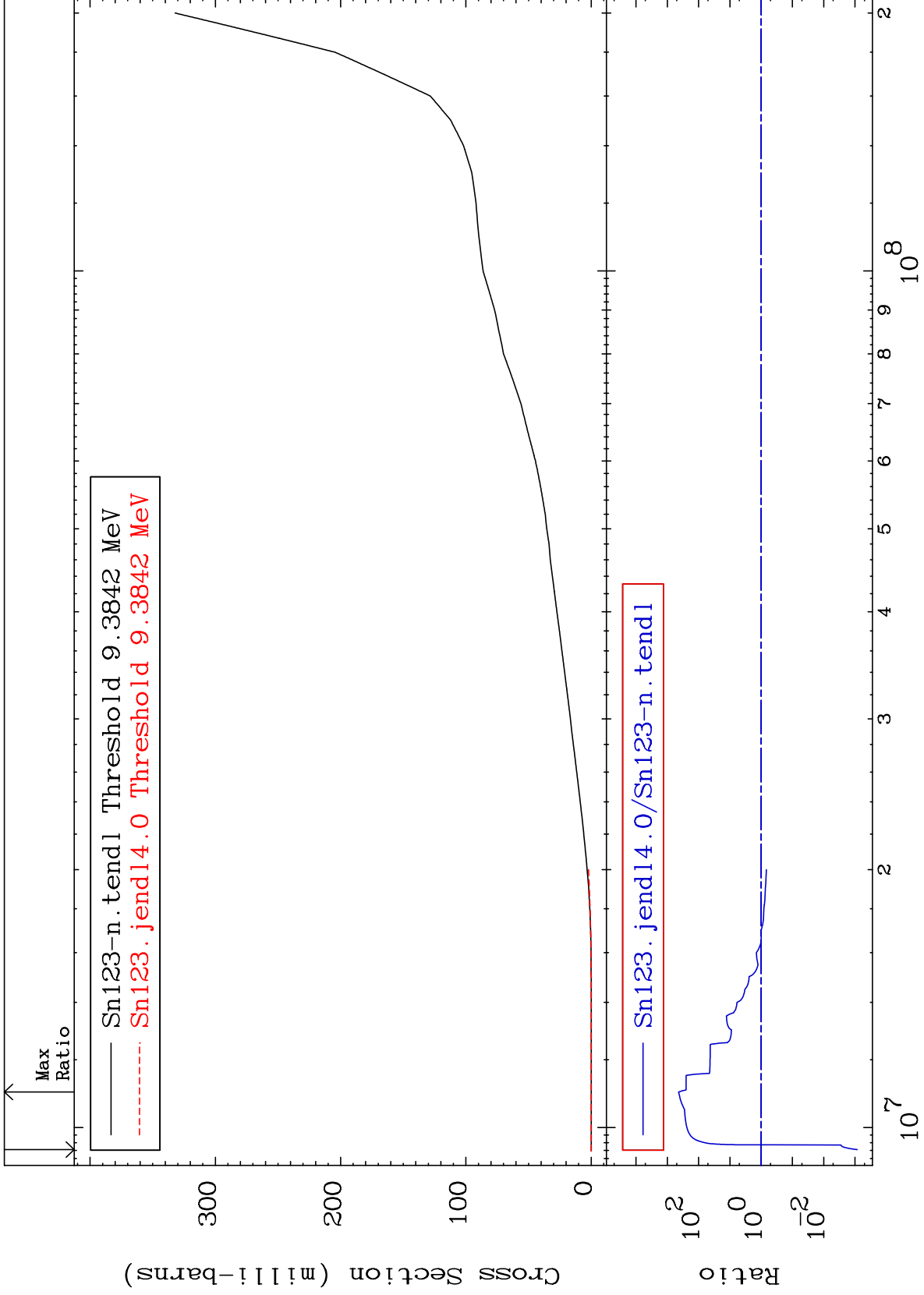




MAT 5058

Deuterium Production
Cross Section

50-Sn-123
-99.92 To 9999. %



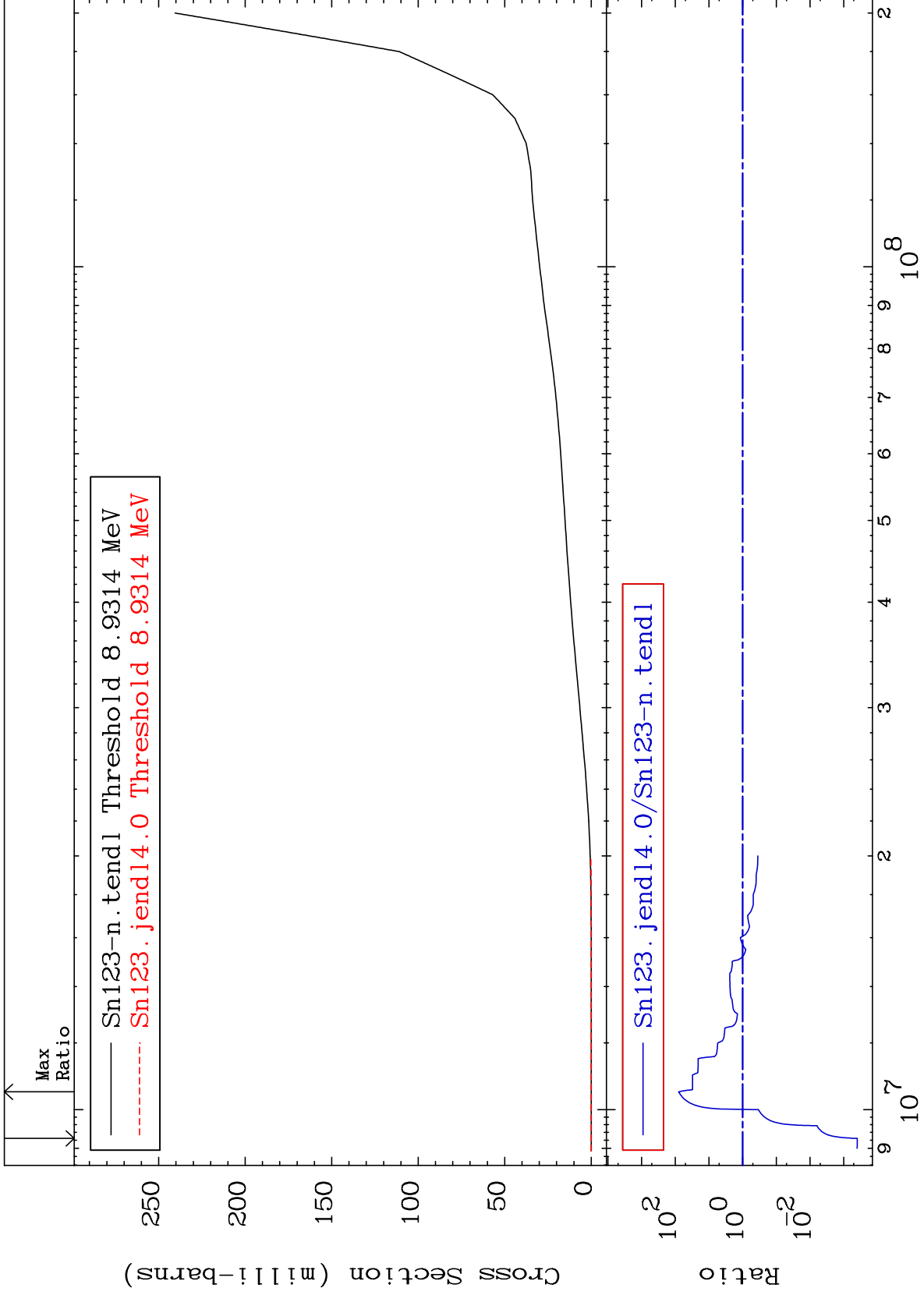
32

50-Sn-123

MAT 5058

Tritium Production
Cross Section

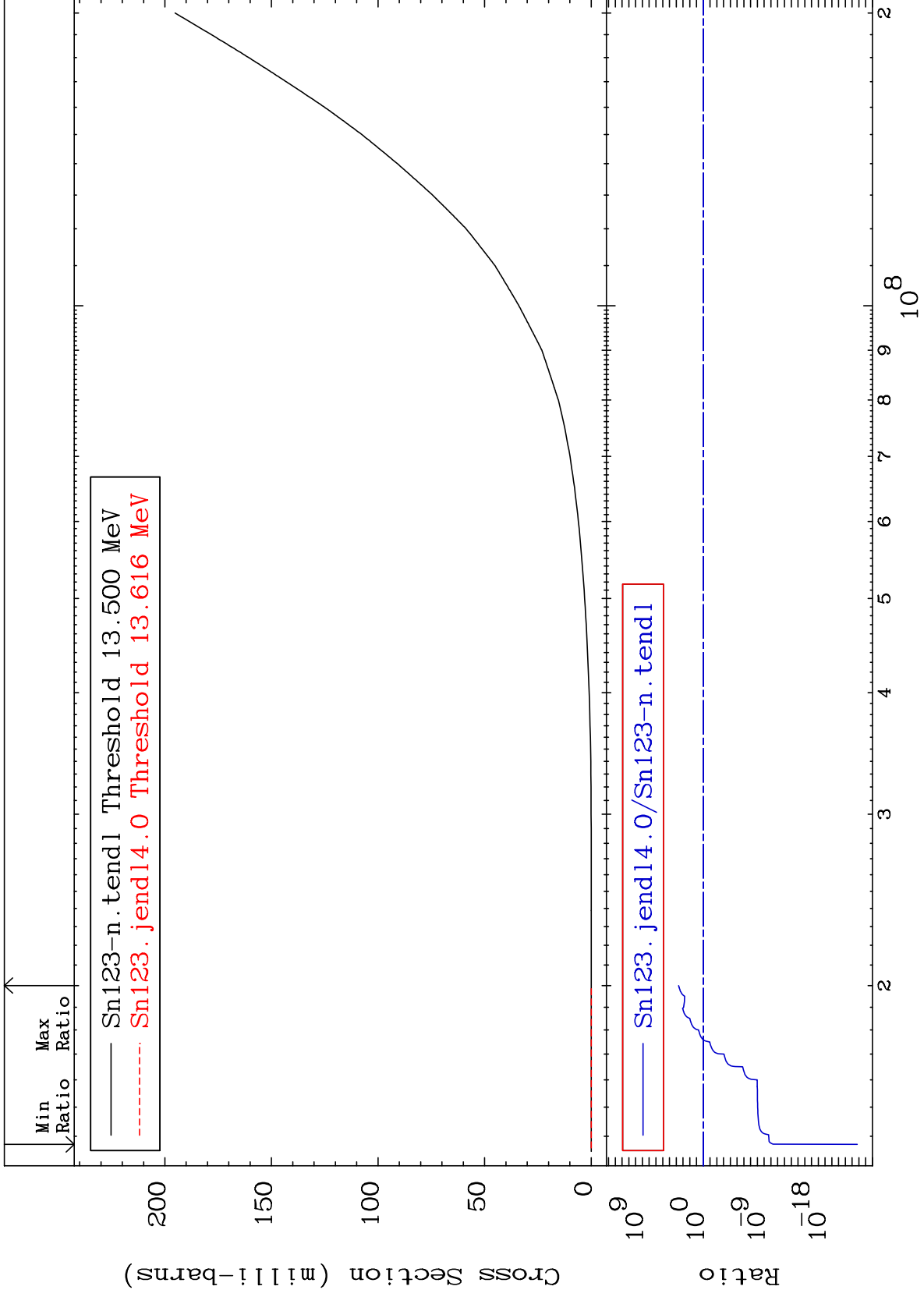
50-Sn-123
-99.96 To 7861. %



33

Incident Energy (eV)

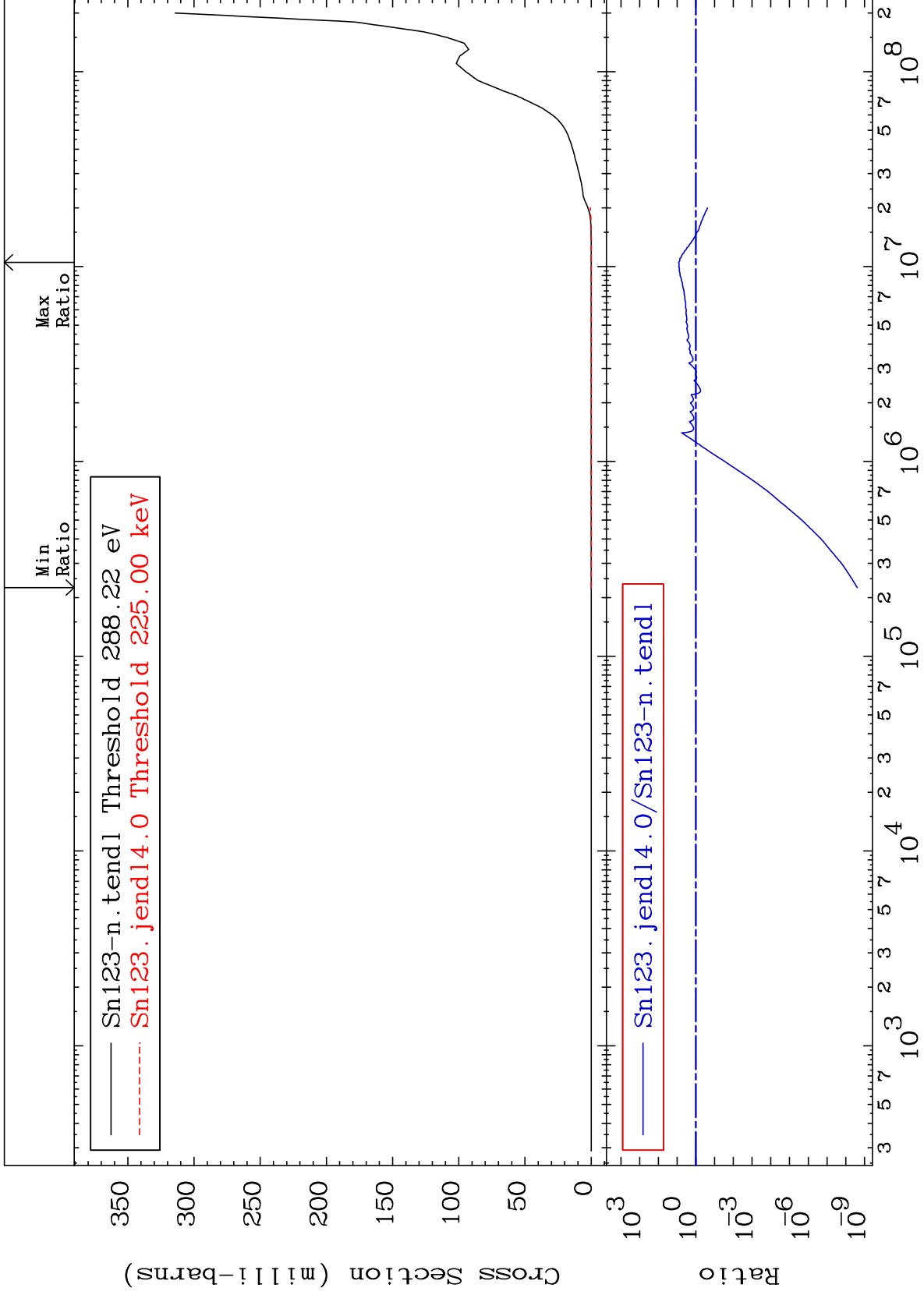
50-Sn-123

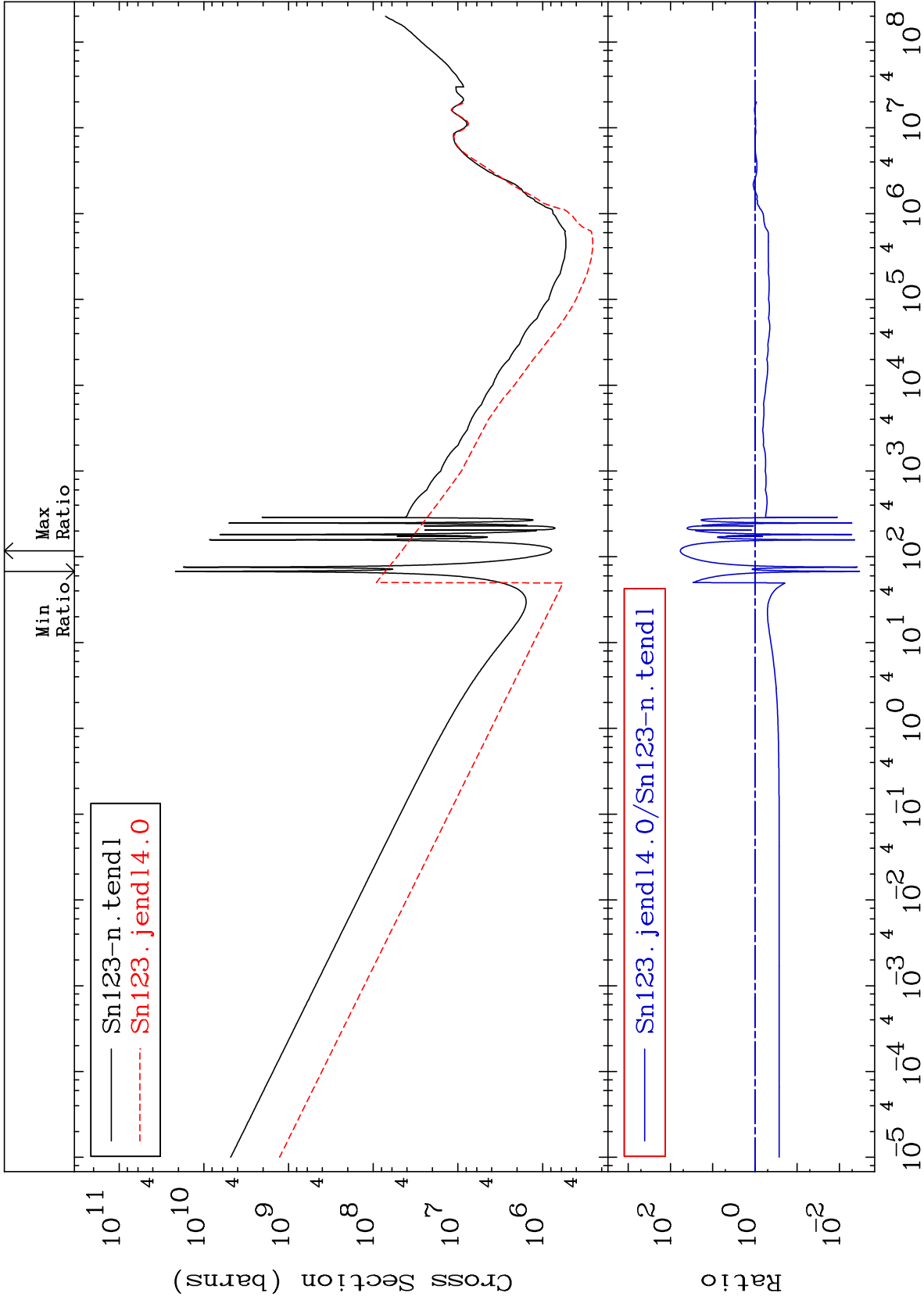


MAT 5058

He-4 Production
Cross Section

50-Sn-123
-100.0 To 736.2 %

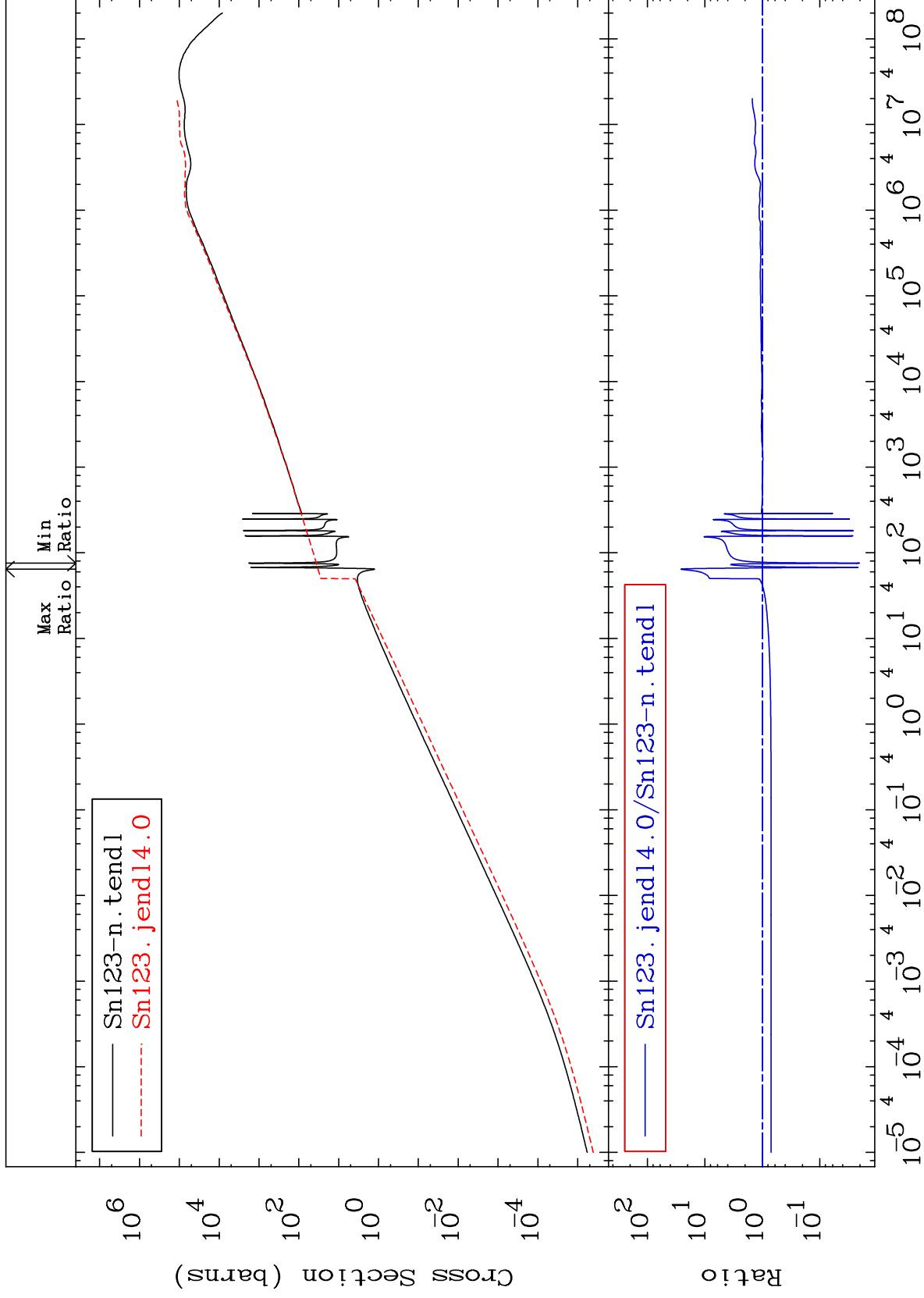


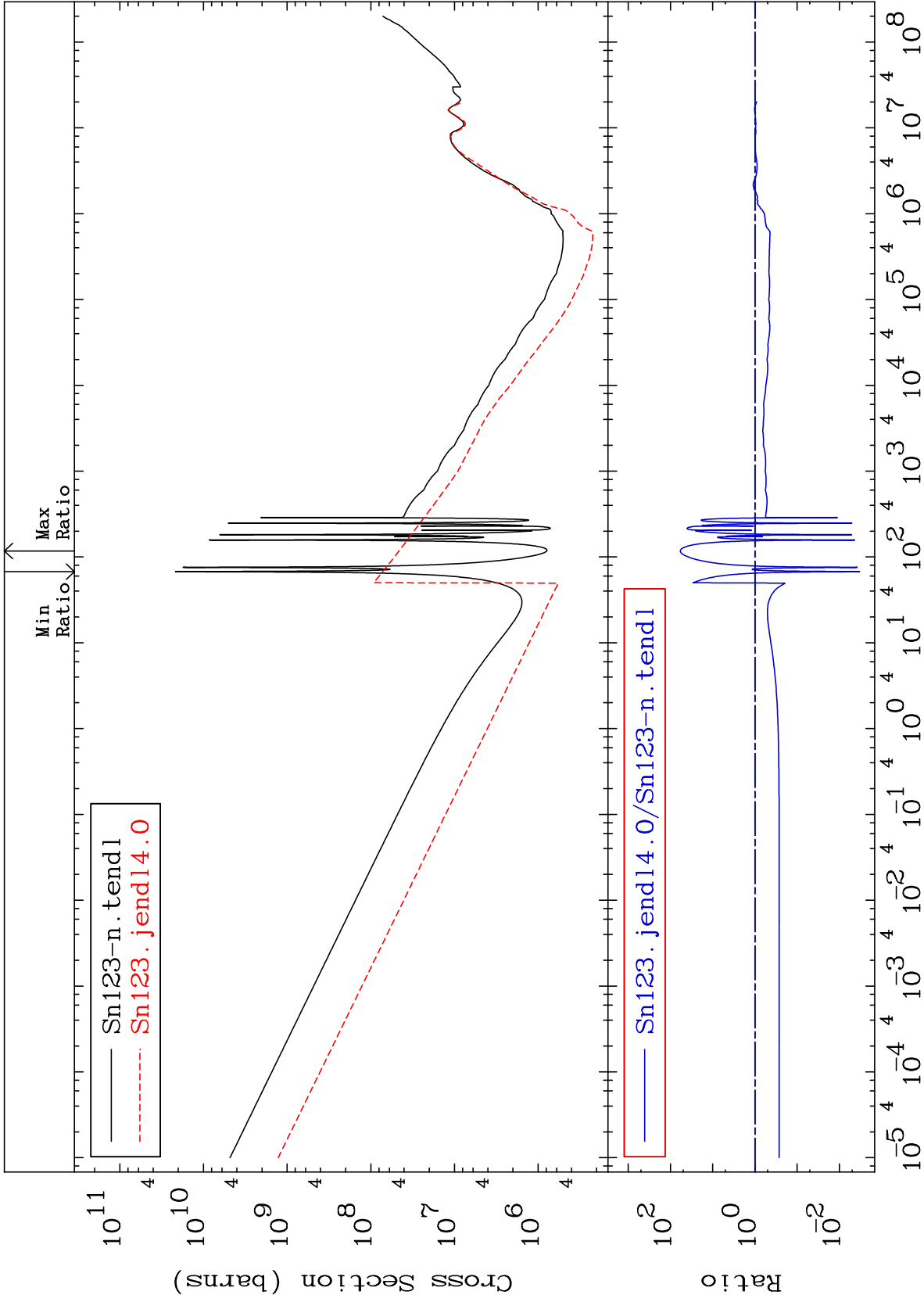


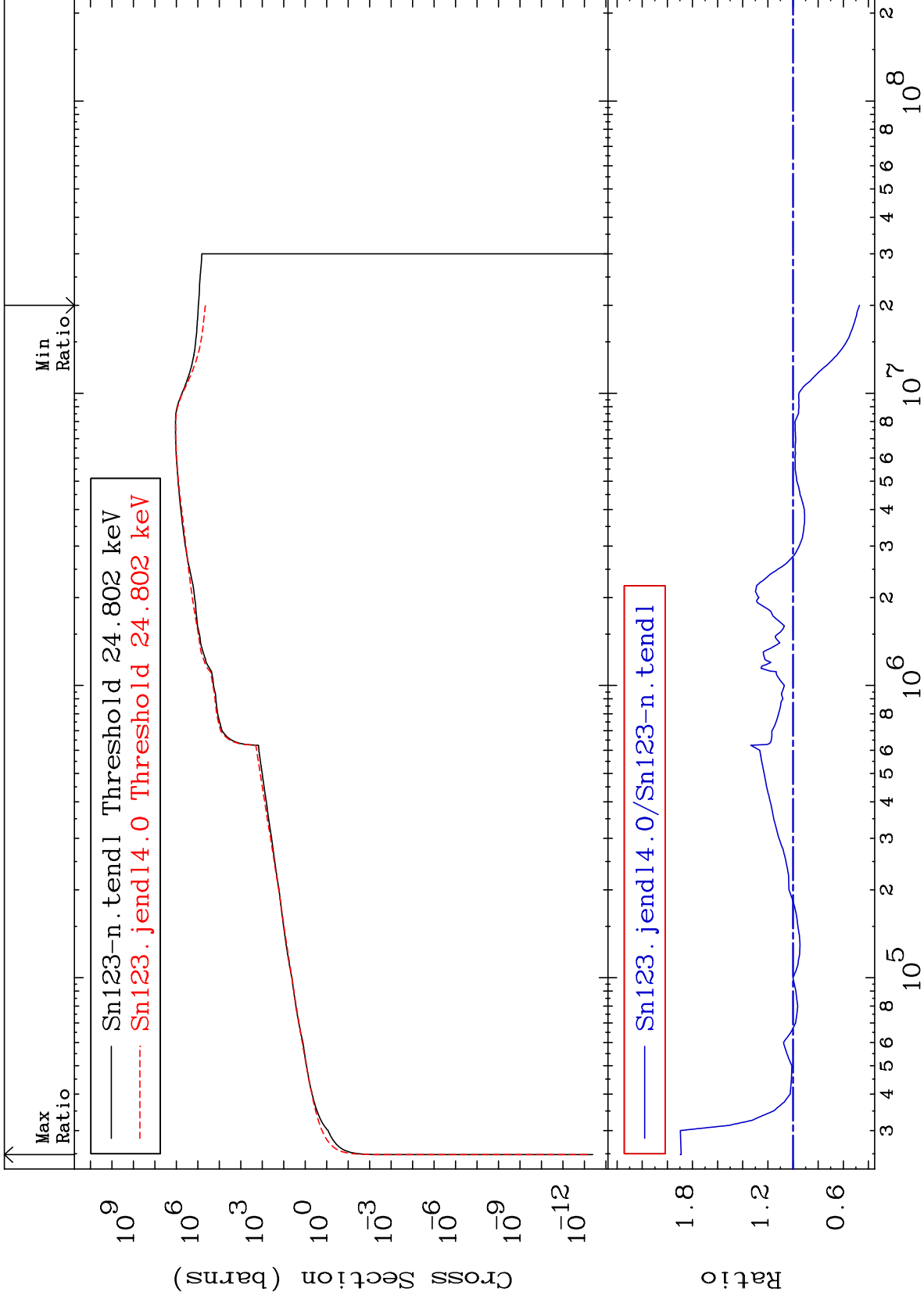
MAT 5058

Kerma elastic
Cross Section

50-Sn-123
-97.96 To 2531. %



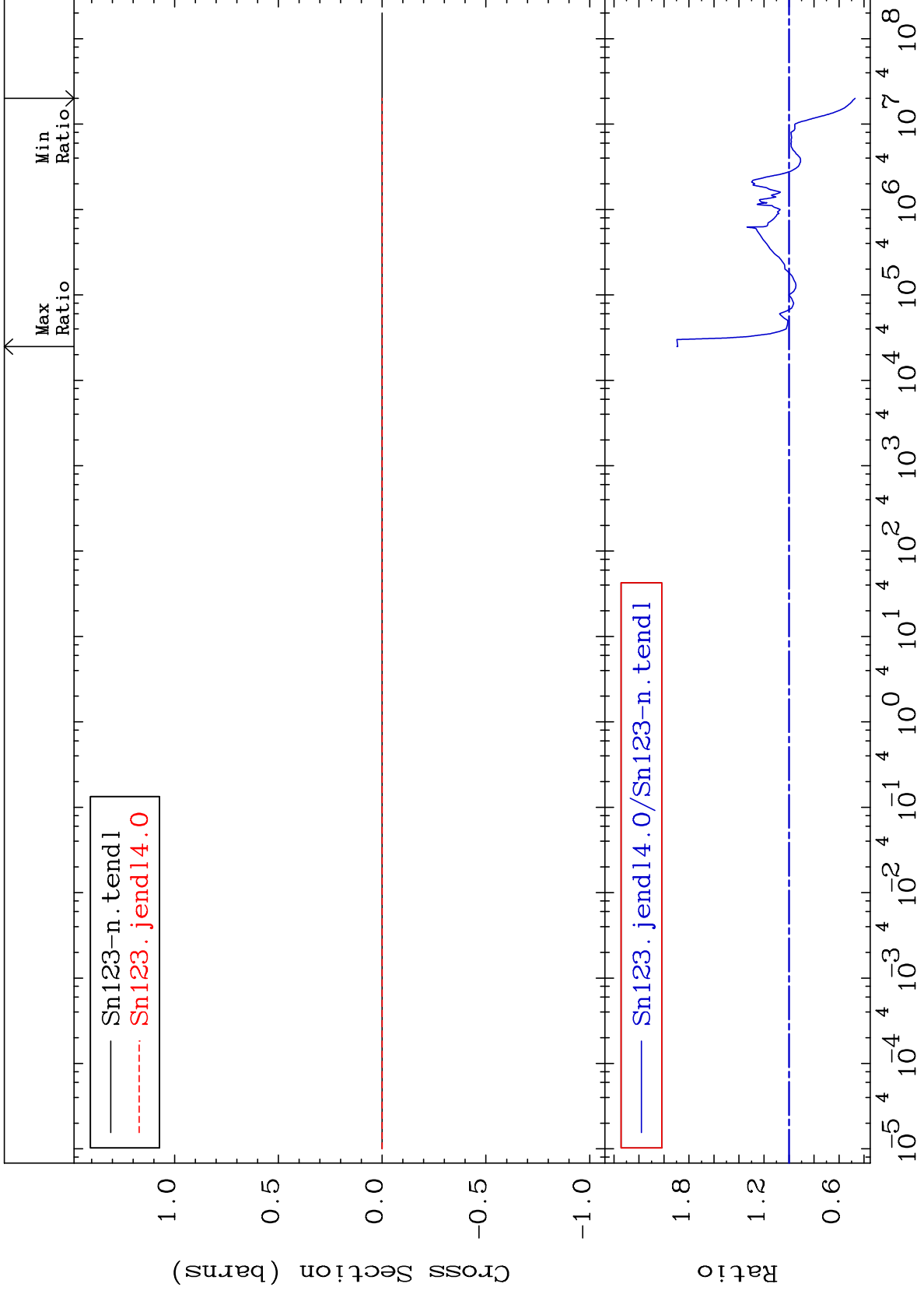




MAT 5058

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

50-Sn-123
-52.84 To 89.66 %



40

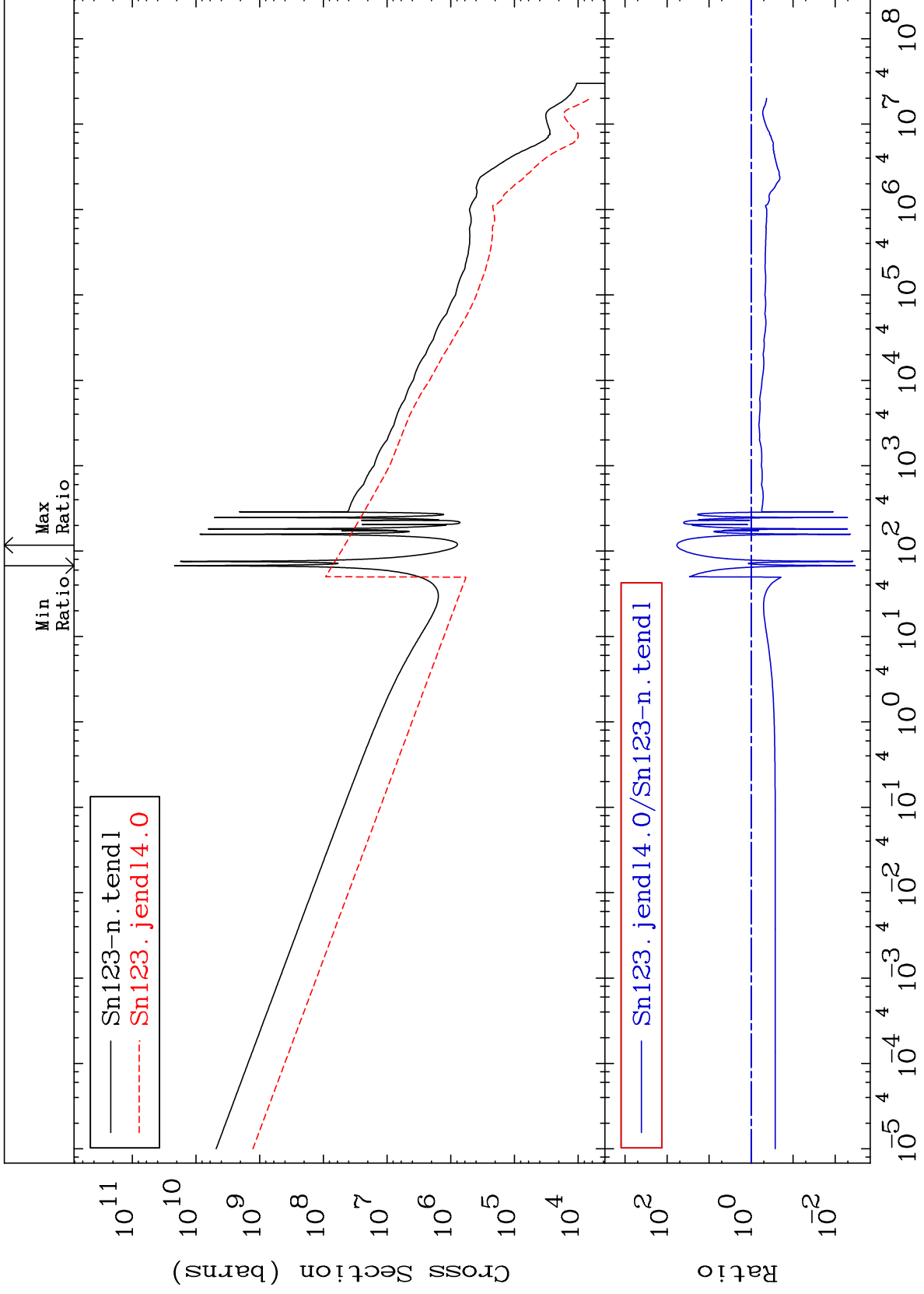
Incident Energy (eV)

50-Sn-123

MAT 5058

Kerma capture (mt102)
Cross Section

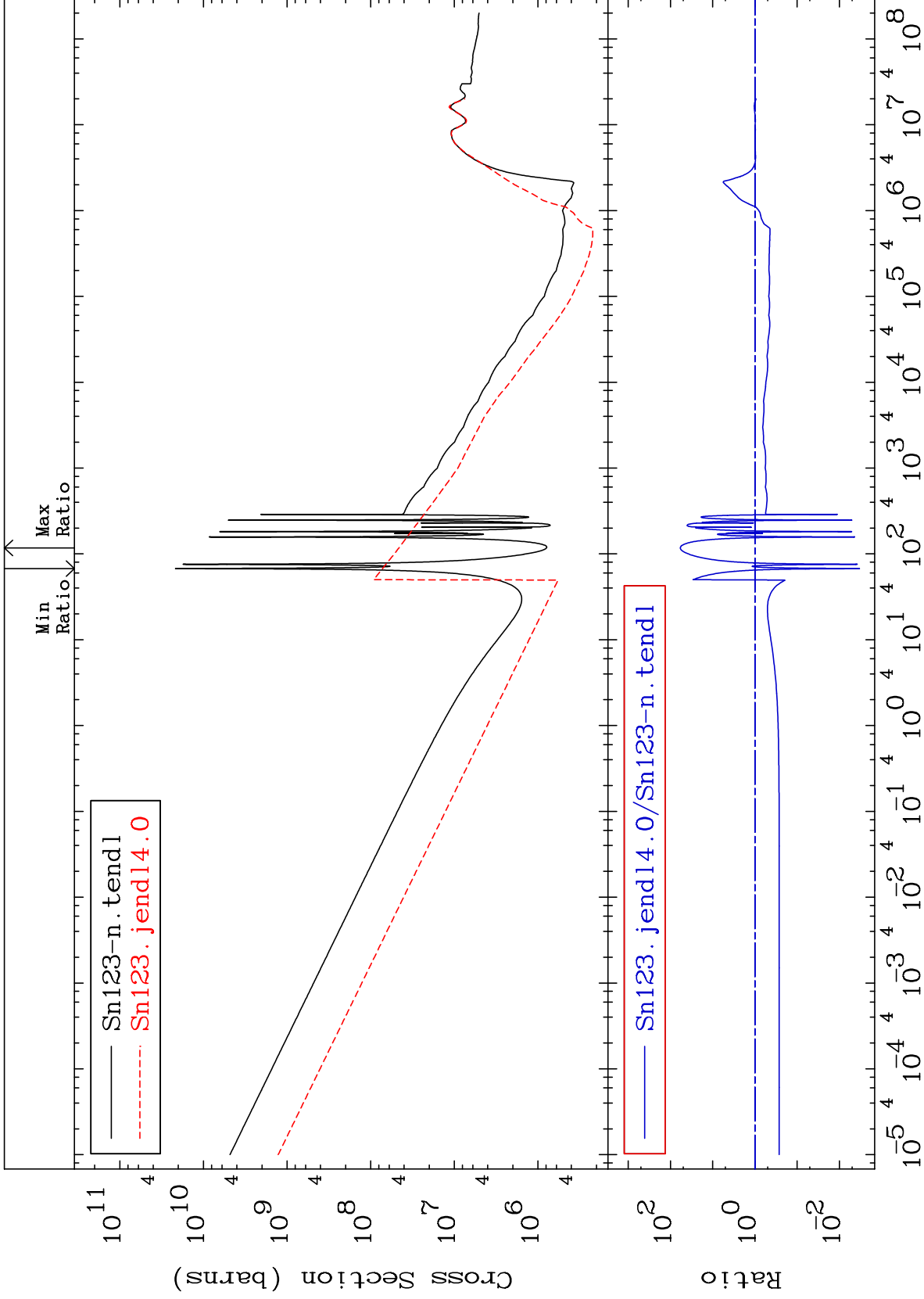
50-Sn-123
-99.67 To 5734. %

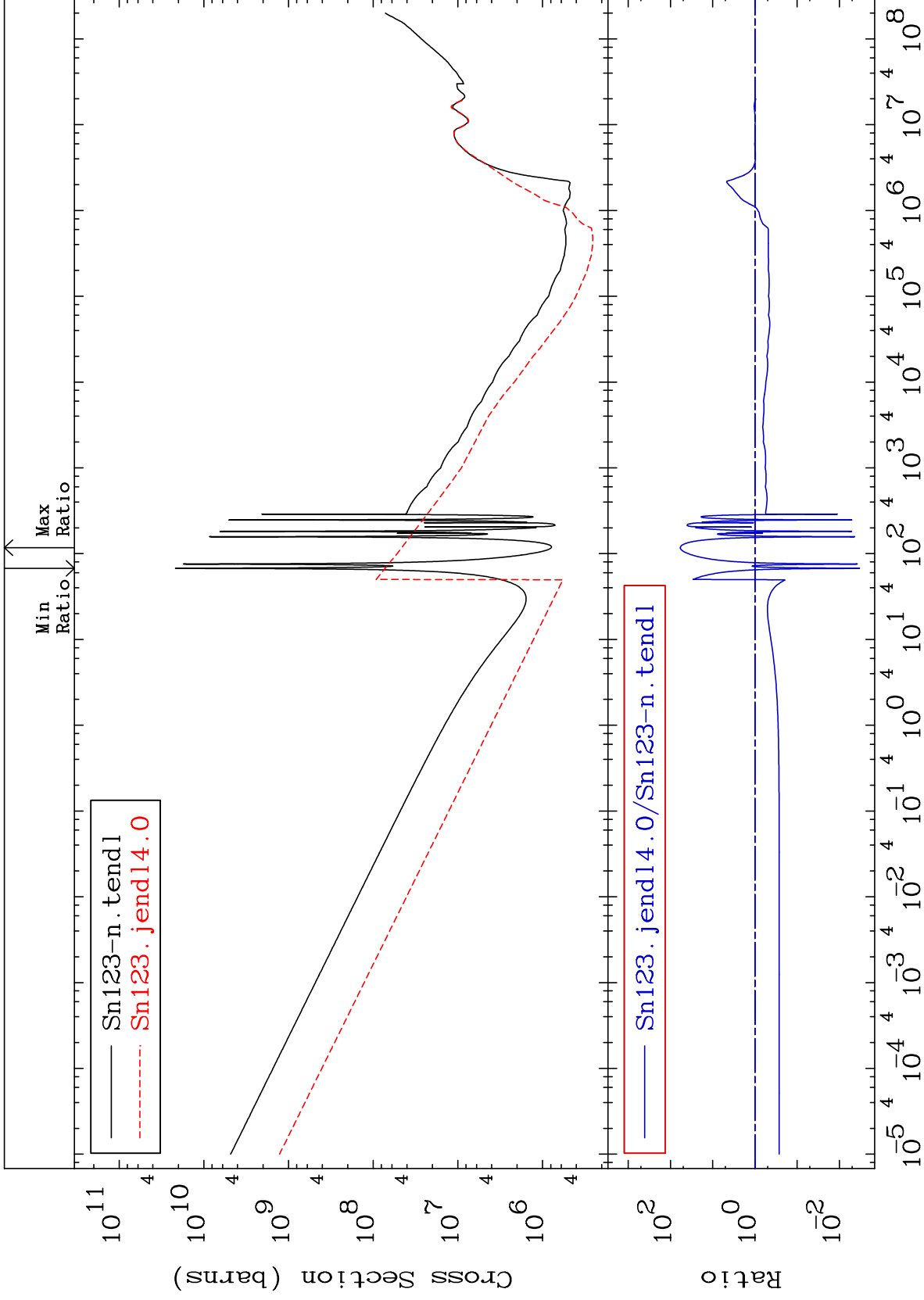


MAT 5058

Total photon (eV-barns)
Cross Section

50-Sn-123
-99.67 To 5734. %





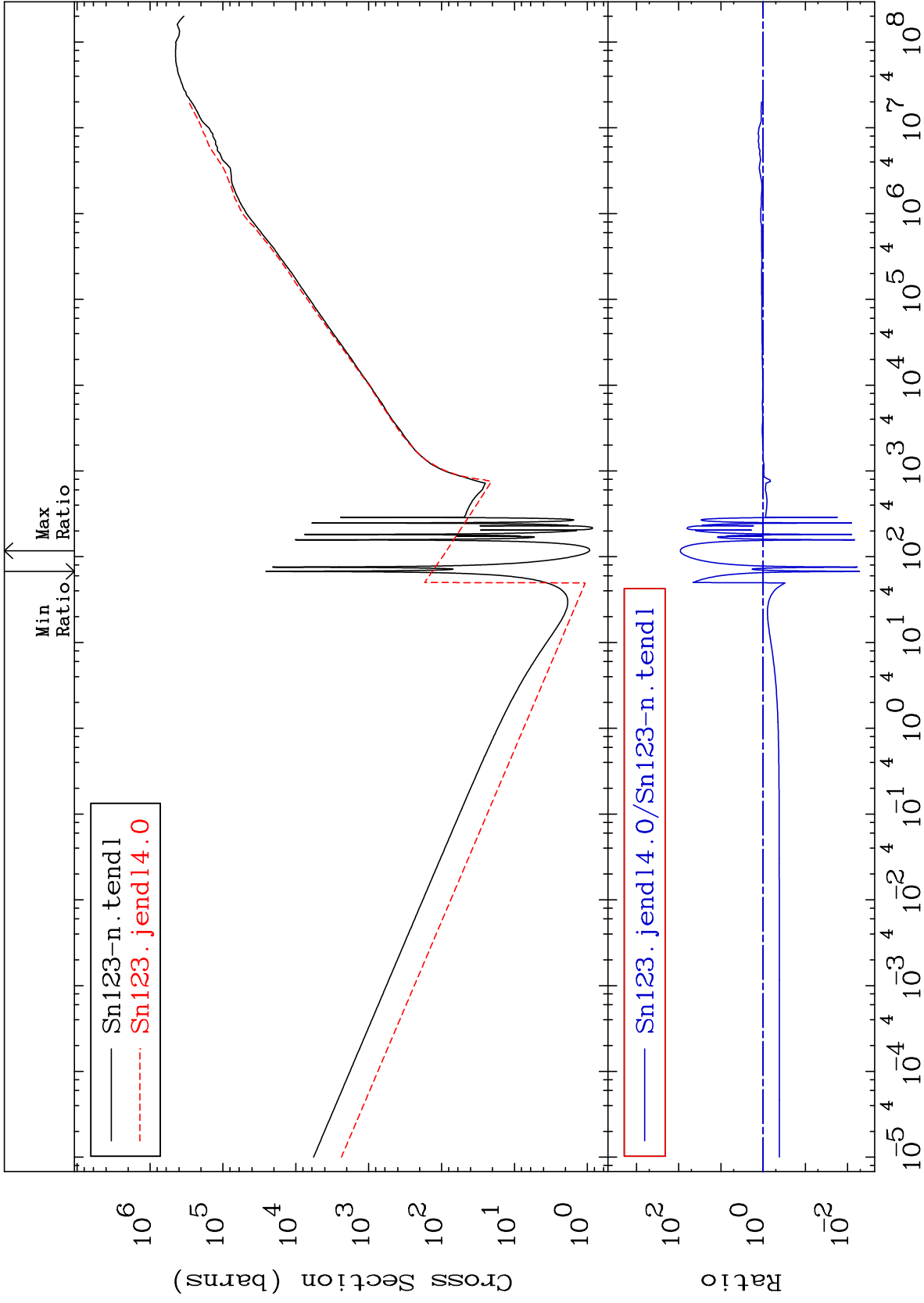
MAT 5058

Dpa total (eV-barns)

50-Sn-123

-99.48 To 9036. %

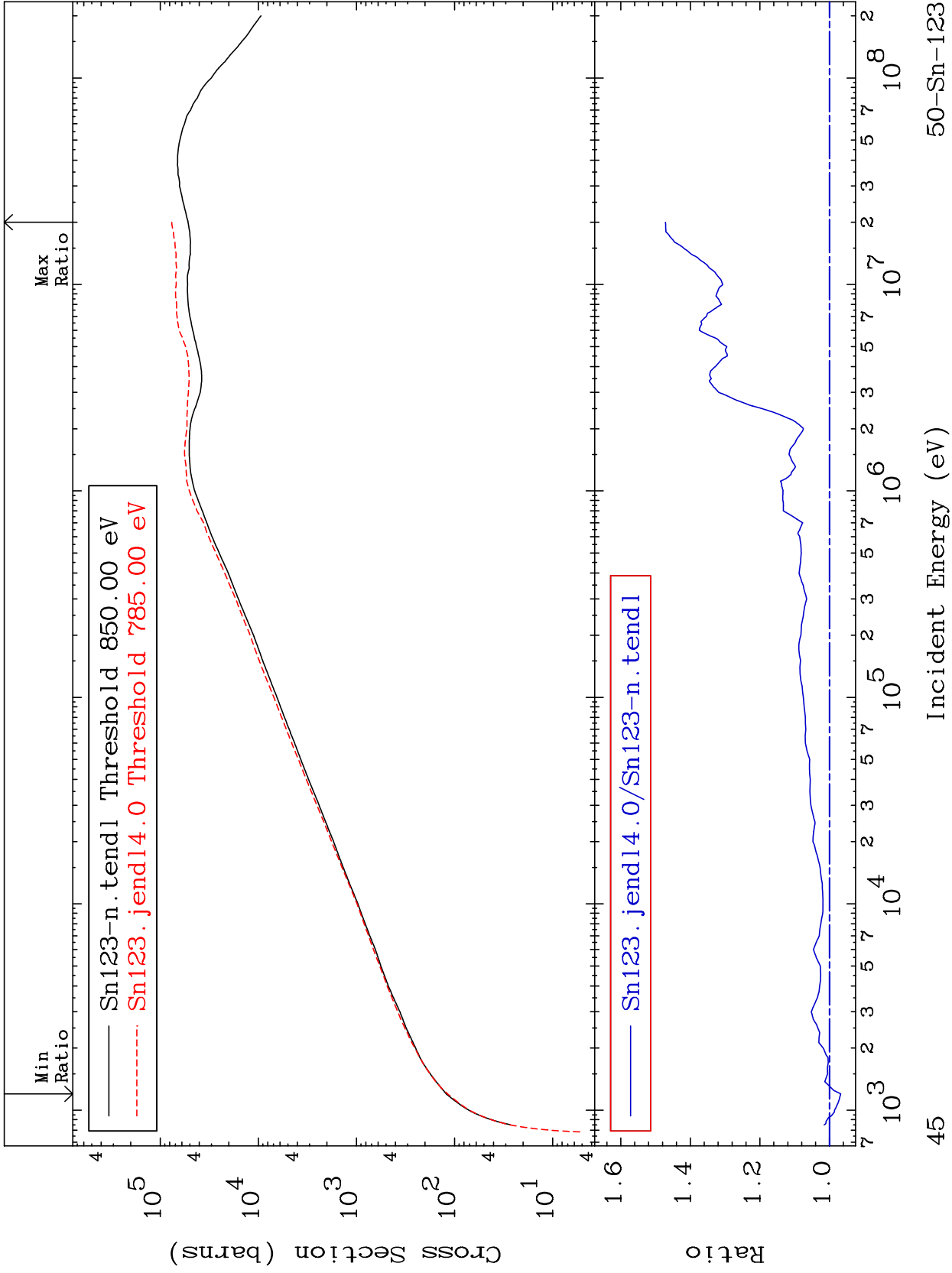
Cross Section

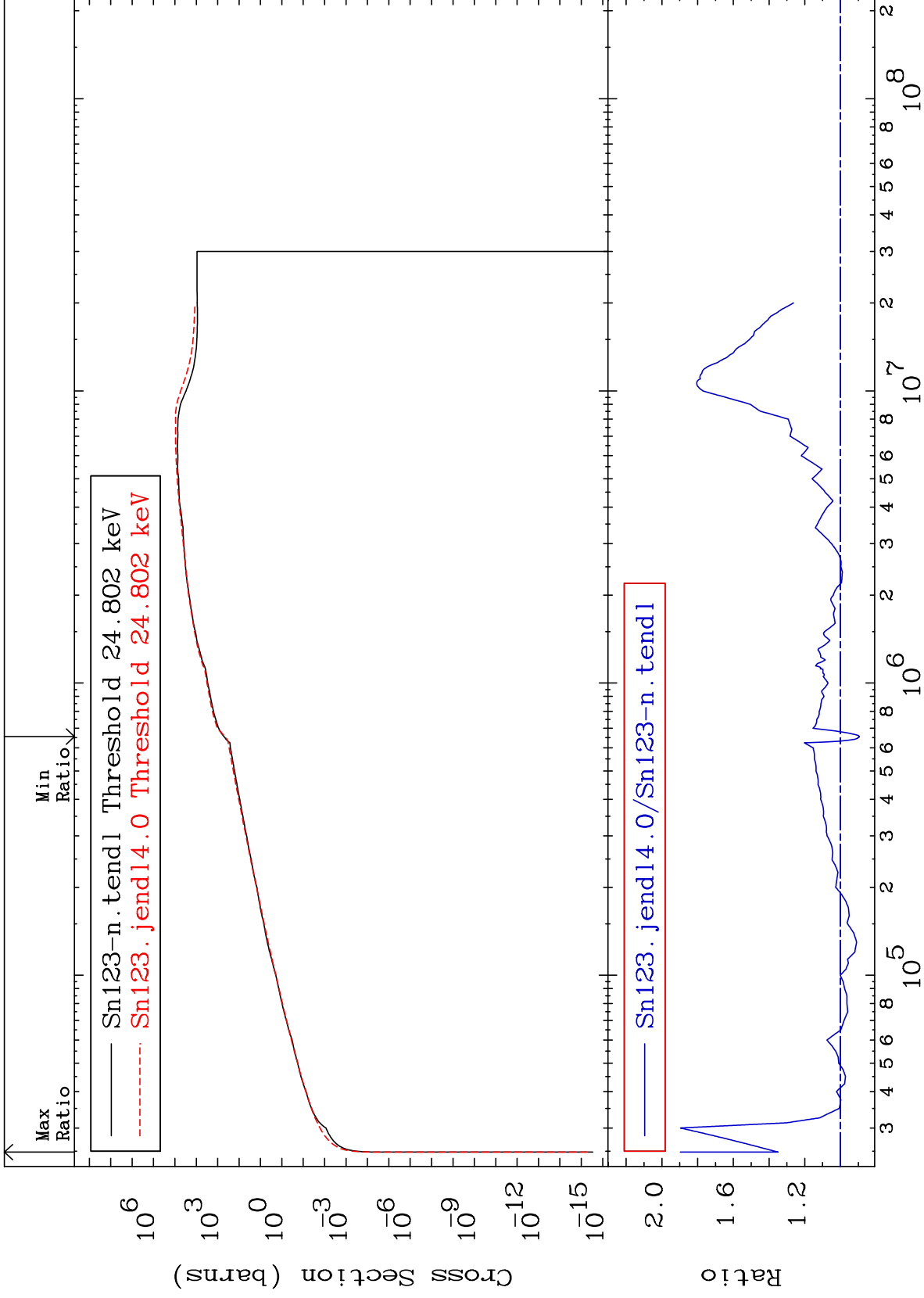


MAT 5058

Dpa elastic (mt2)
Cross Section

50-Sn-123
-3.213 To 47.14 %





MAT 5058

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-123
-99.48 To 9036. %

