

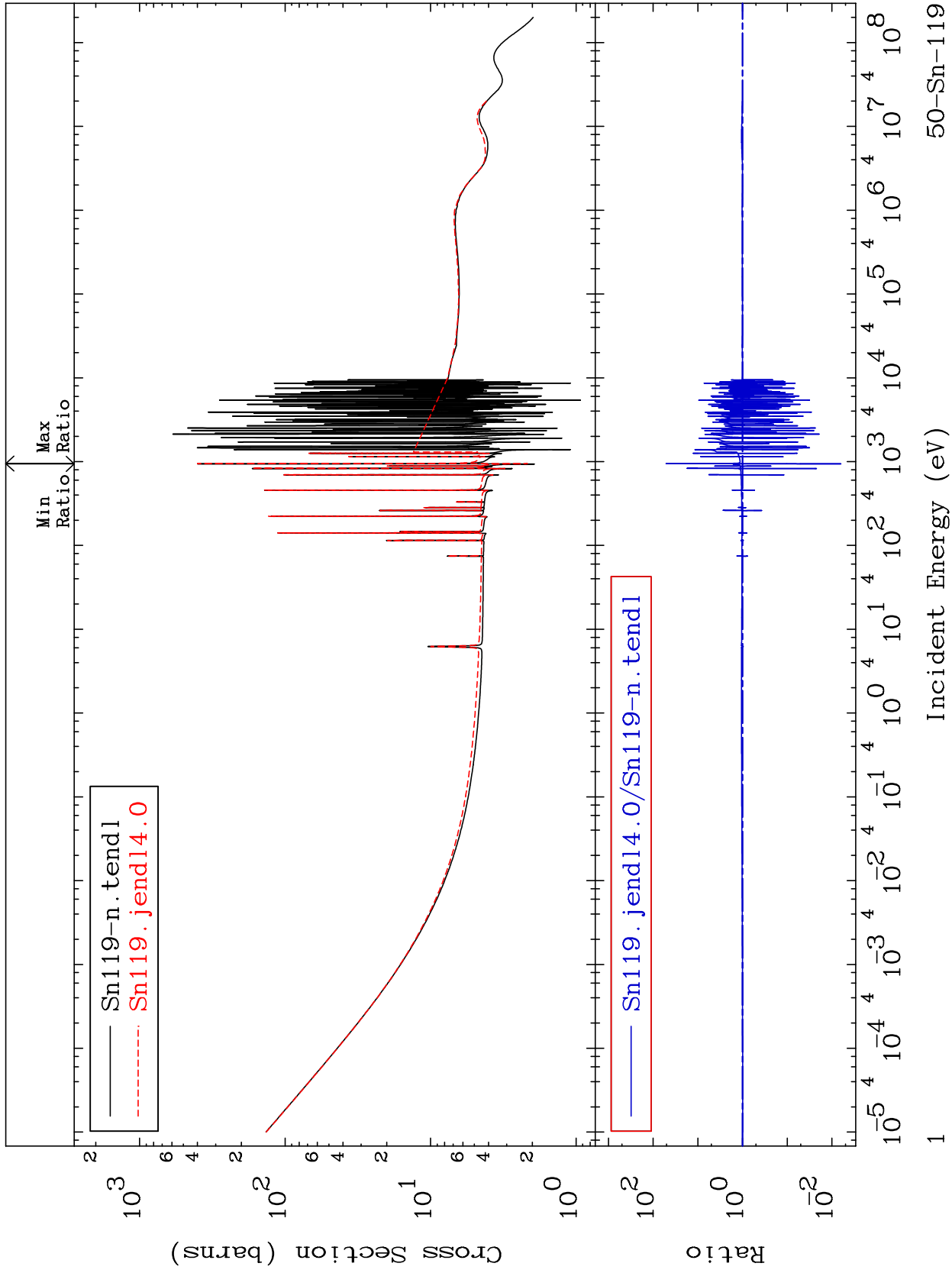
MAT 5046

Total

50-Sn-119

Cross Section

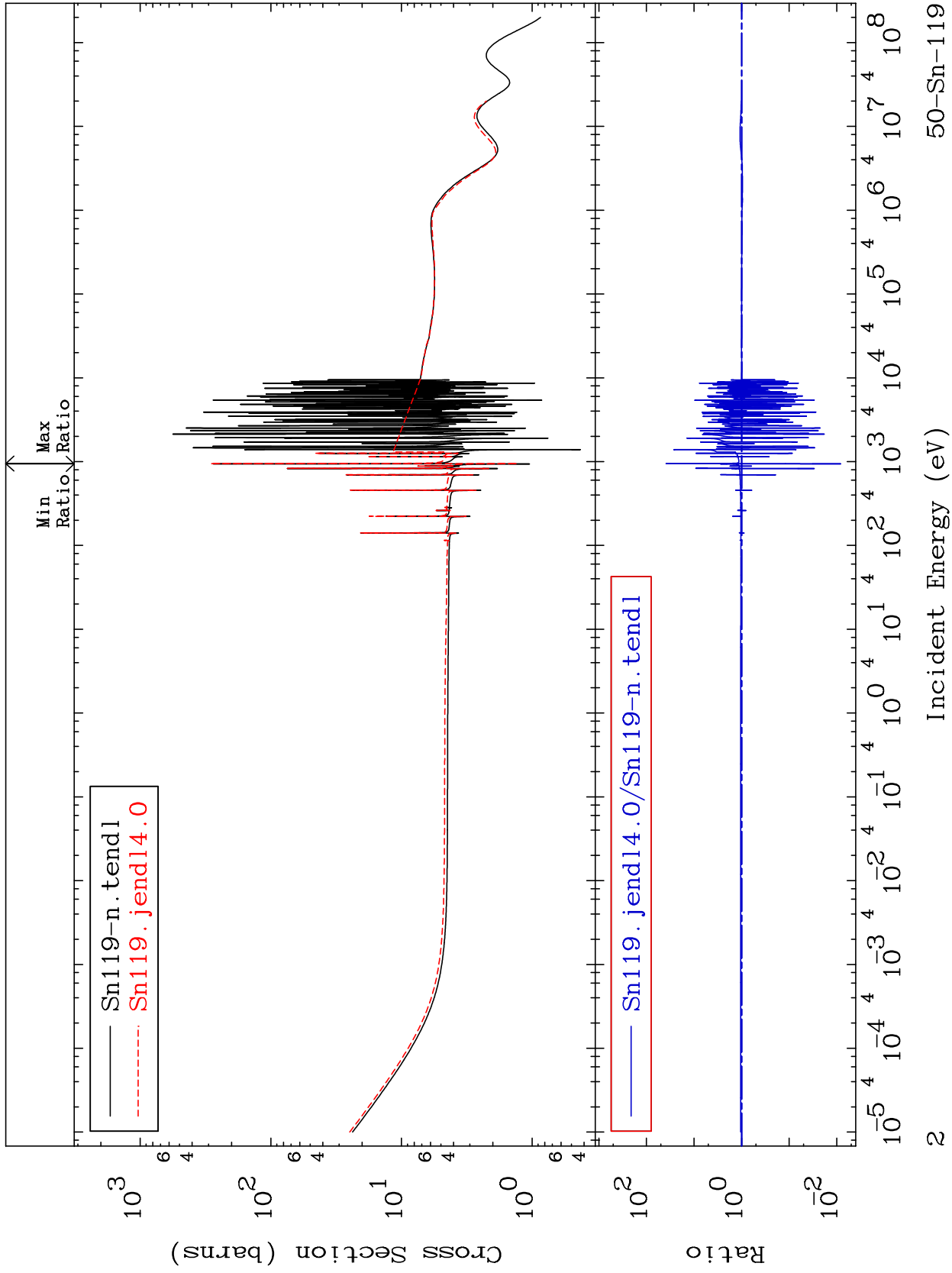
-99.37 To 5066. %



MAT 5046

Elastic
Cross Section

50-Sn-119
-99.18 To 3789. %

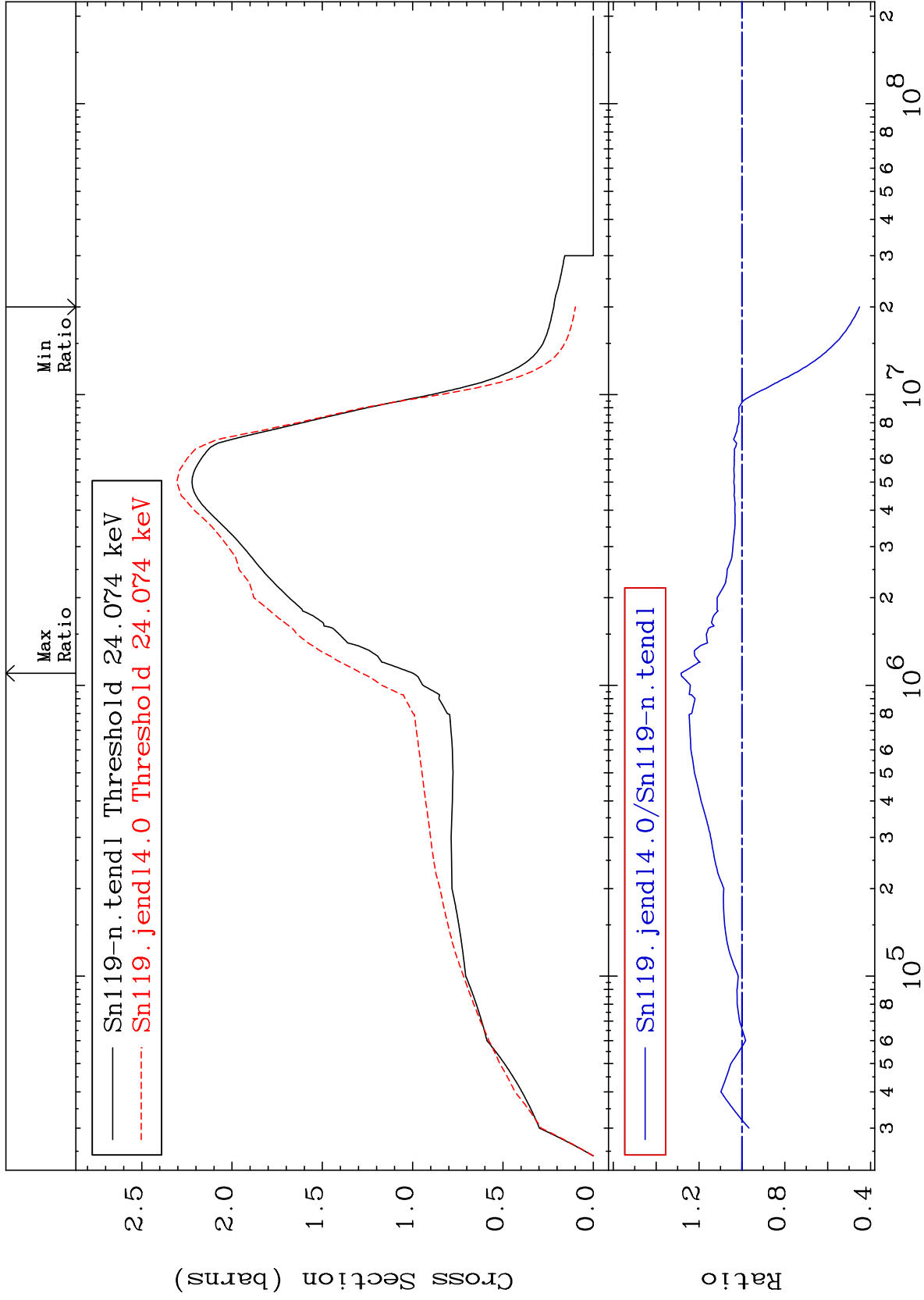


50-Sn-119

MAT 5046

50-Sn-119
-54.86 To 28.54 %

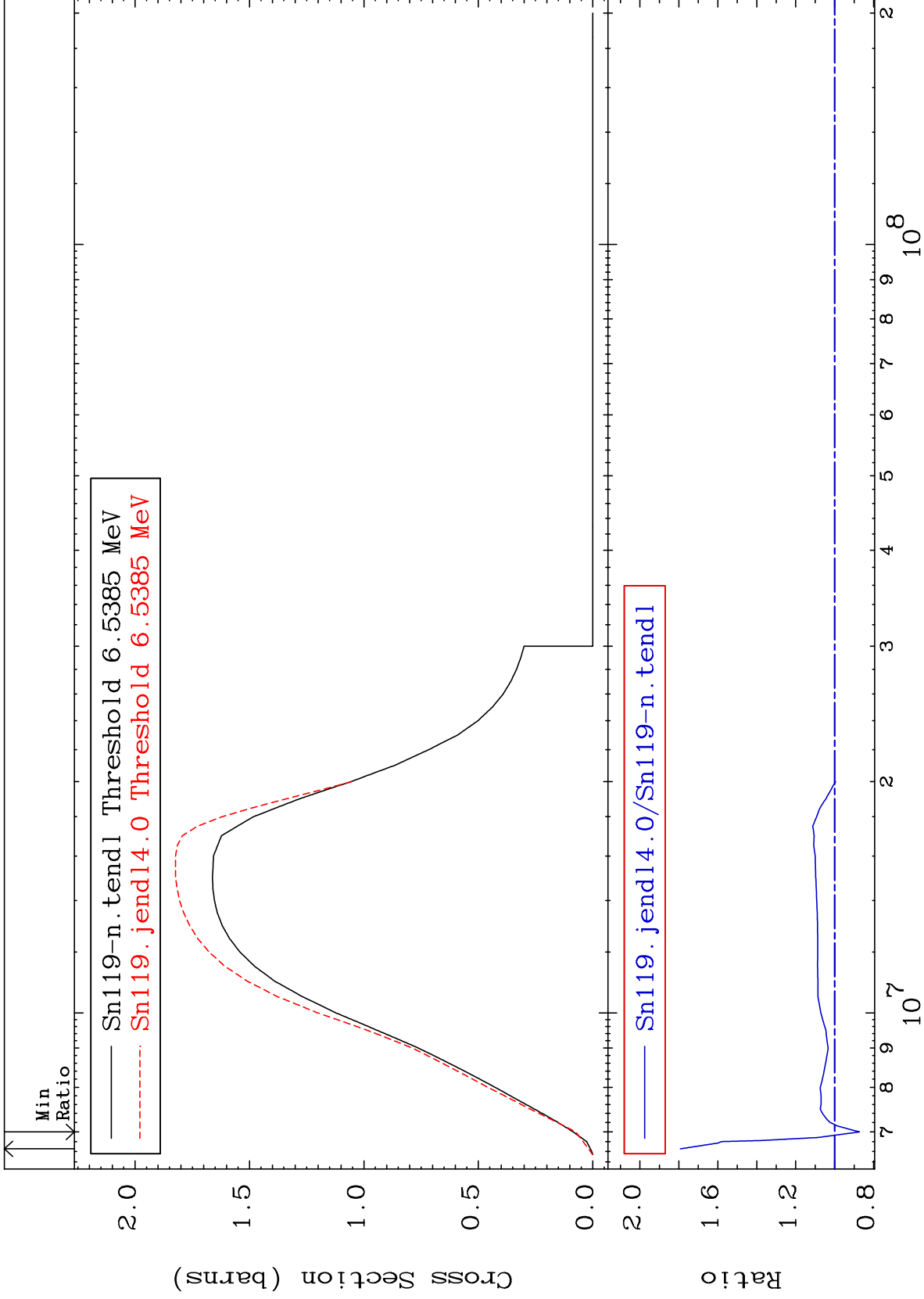
Inelastic
Cross Section



MAT 5046

(n,2n)
Cross Section

50-Sn-119
-12.71 To 79.23 %



4

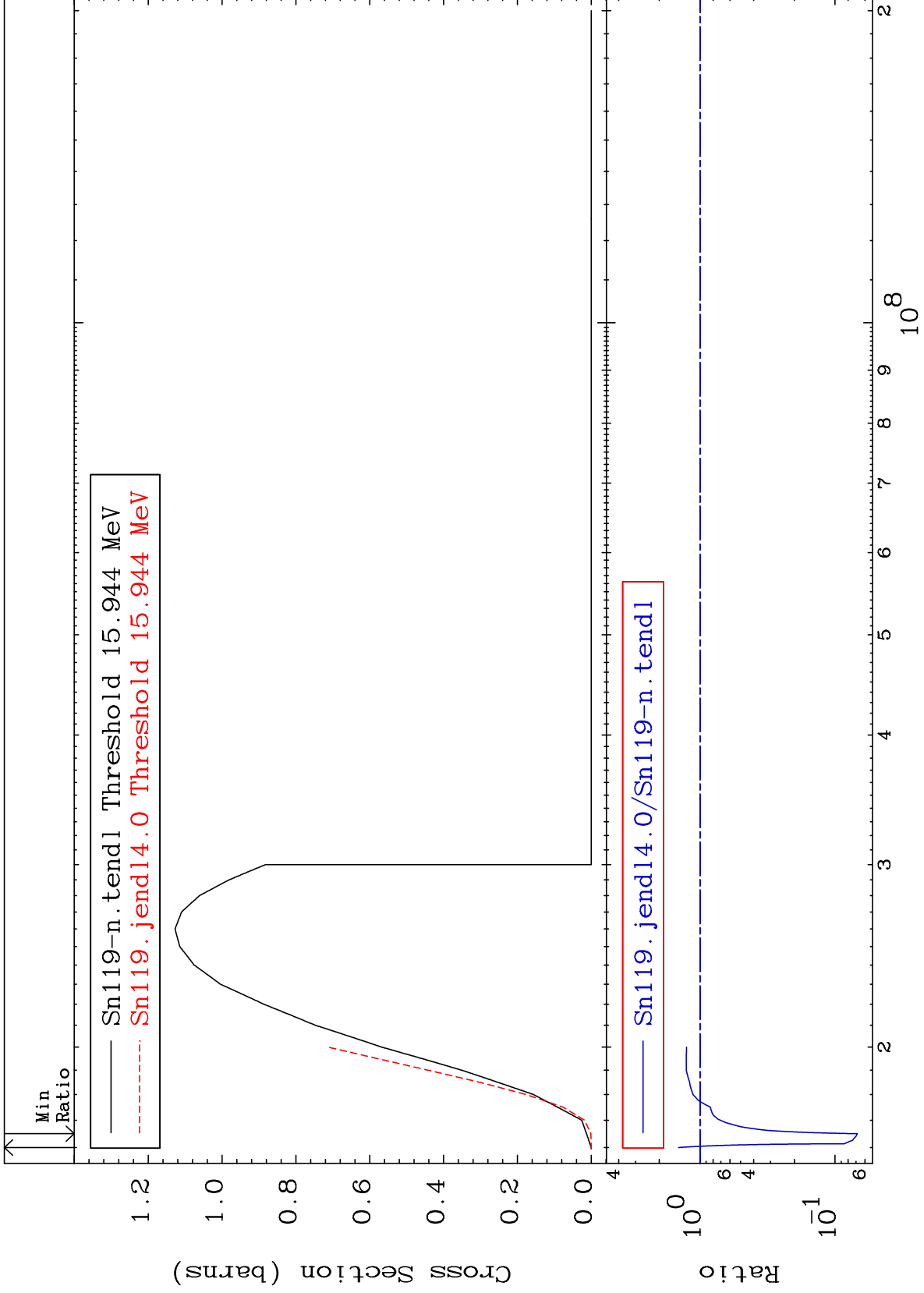
Incident Energy (eV)

50-Sn-119

MAT 5046

(n,3n)
Cross Section

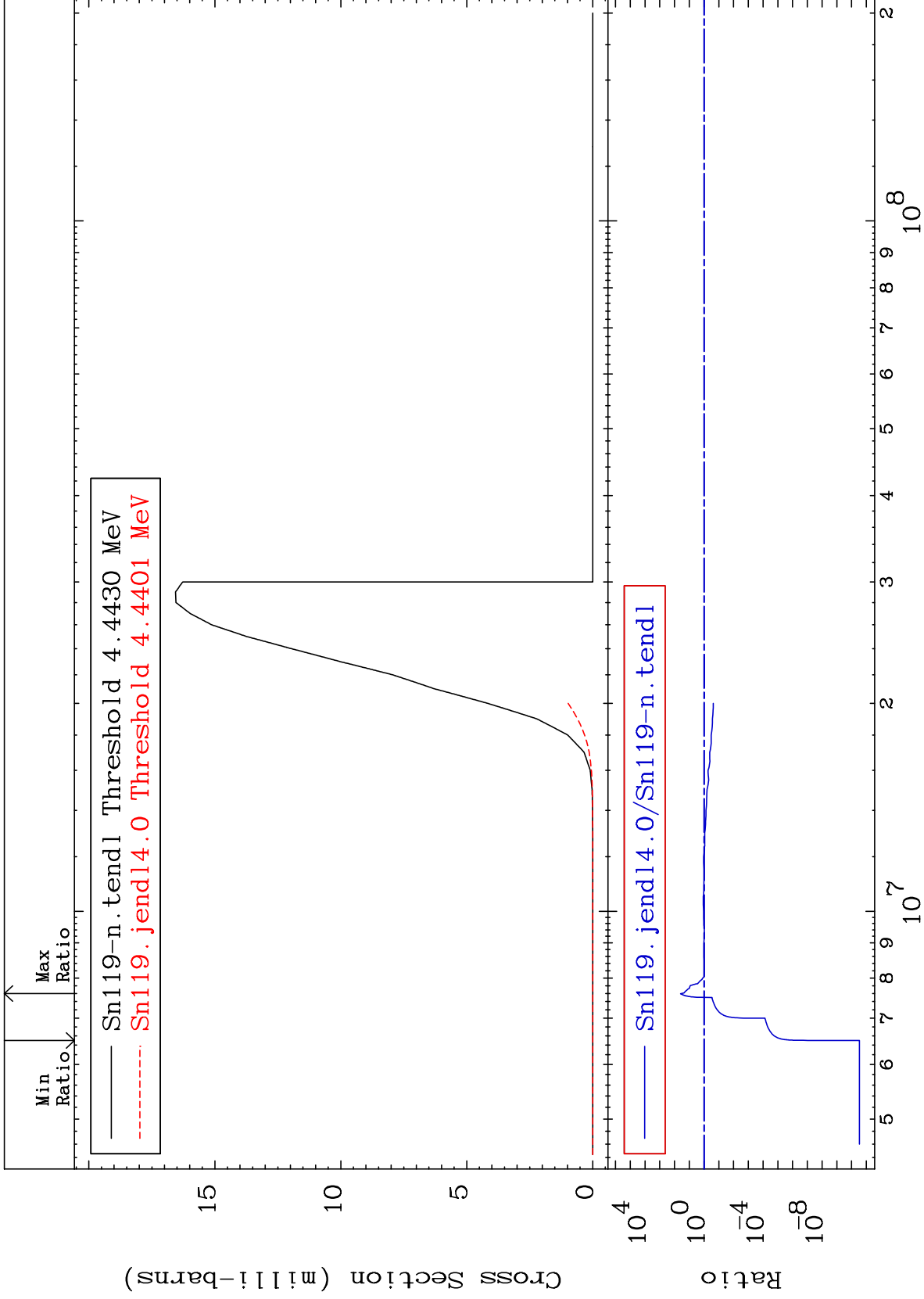
50-Sn-119
-93.15 To 43.84 %



MAT 5046

(n, n') α
Cross Section

50-Sn-119
-100.0 To 3922. %



6

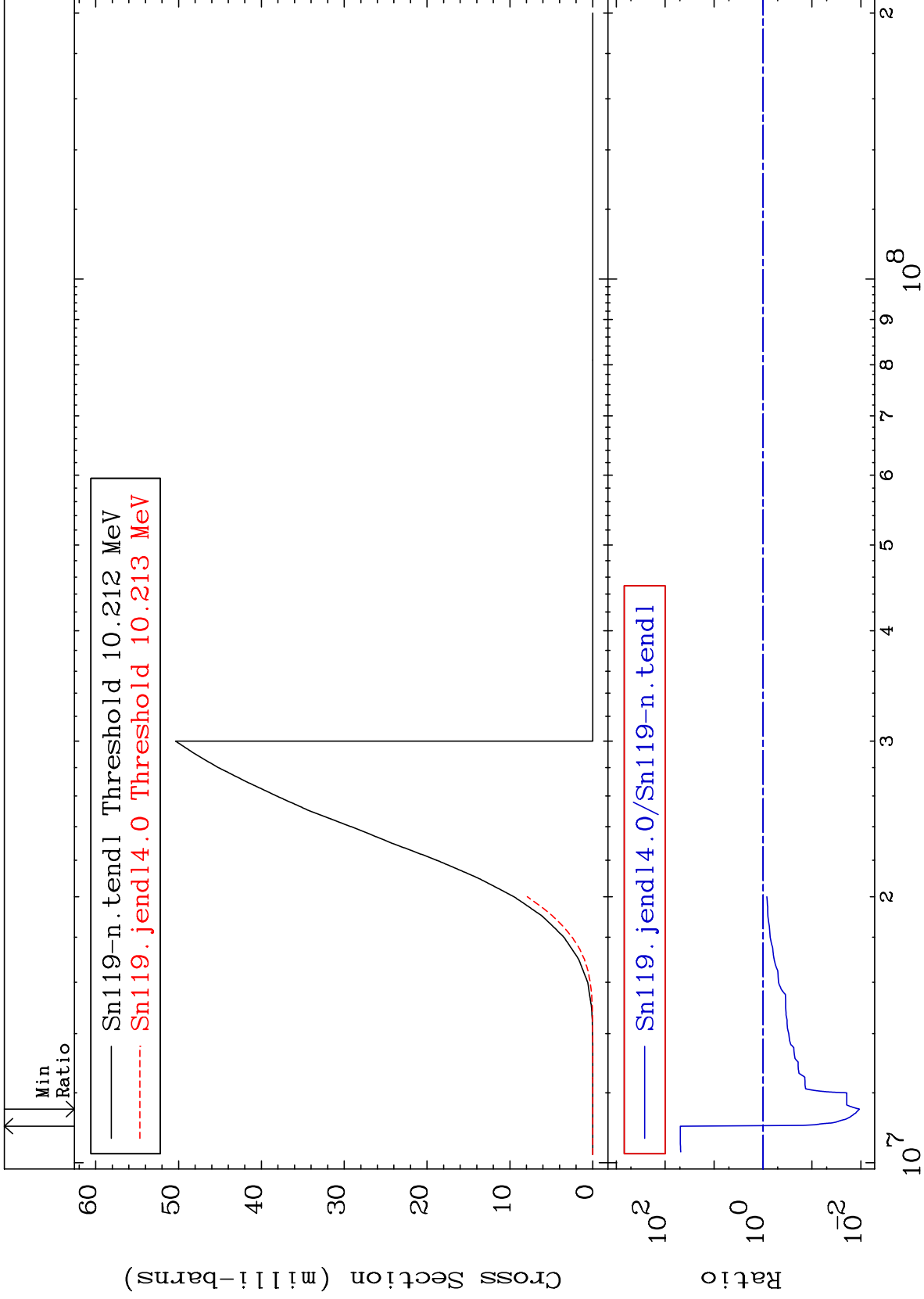
Incident Energy (eV)

50-Sn-119

MAT 5046

(n,n') p
Cross Section

50-Sn-119
-98.93 To 4793. %



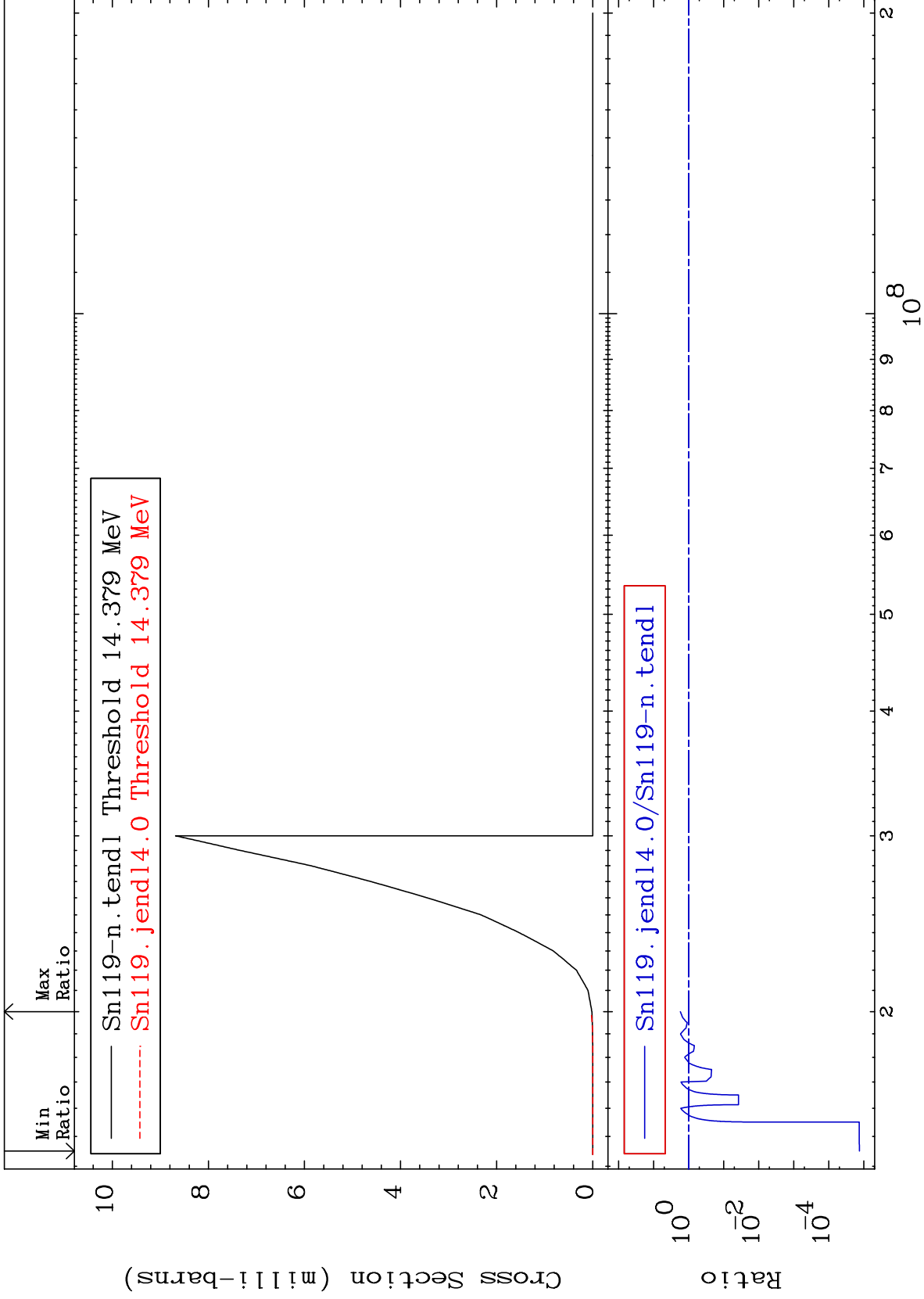
Incident Energy (eV)

50-Sn-119

MAT 5046

(n,n') d
Cross Section

50-Sn-119
-100.0 To 72.86 %



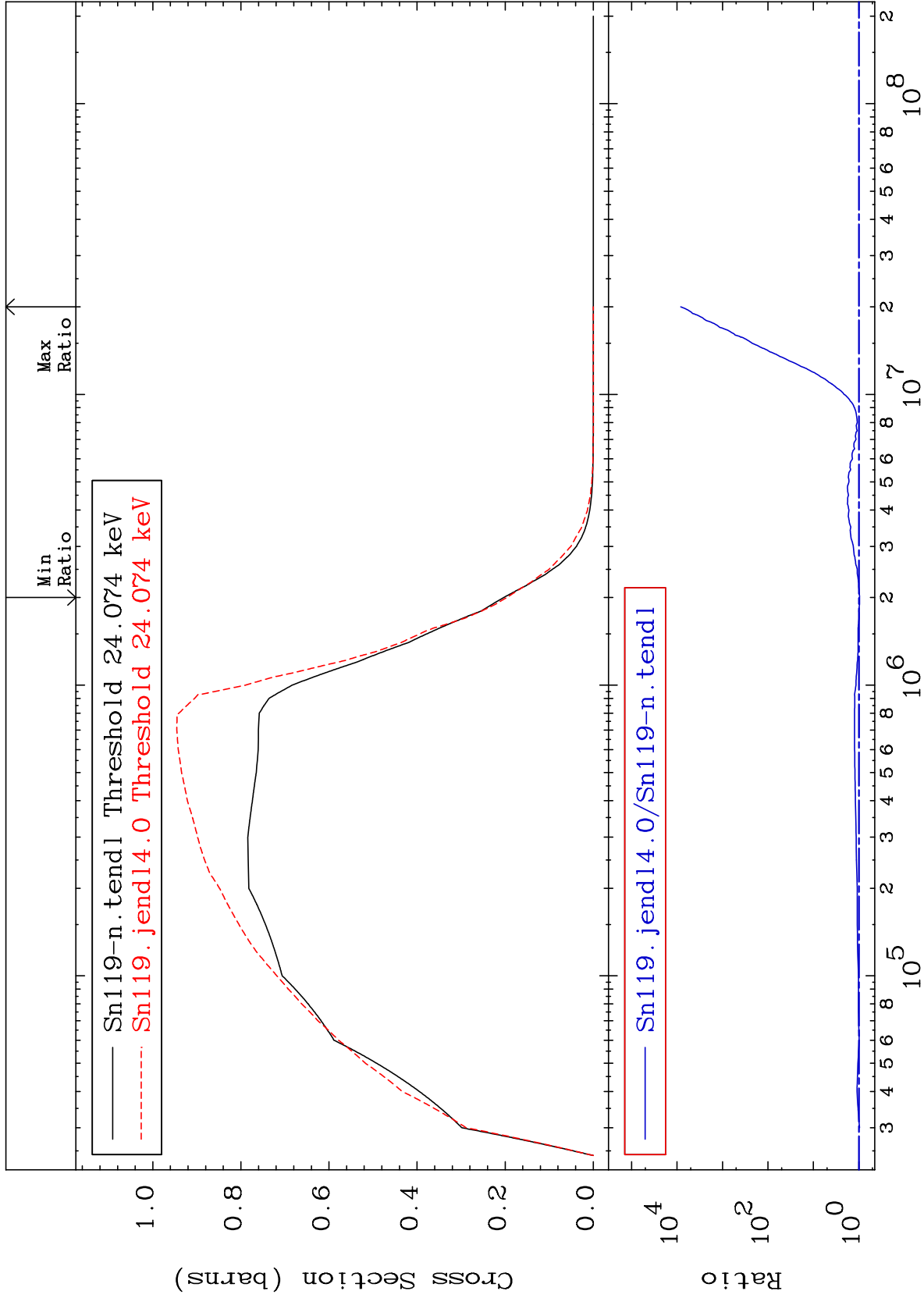
MAT 5046

23.87 keV (n,n') Level

50-Sn-119

-3.441 To 9999. %

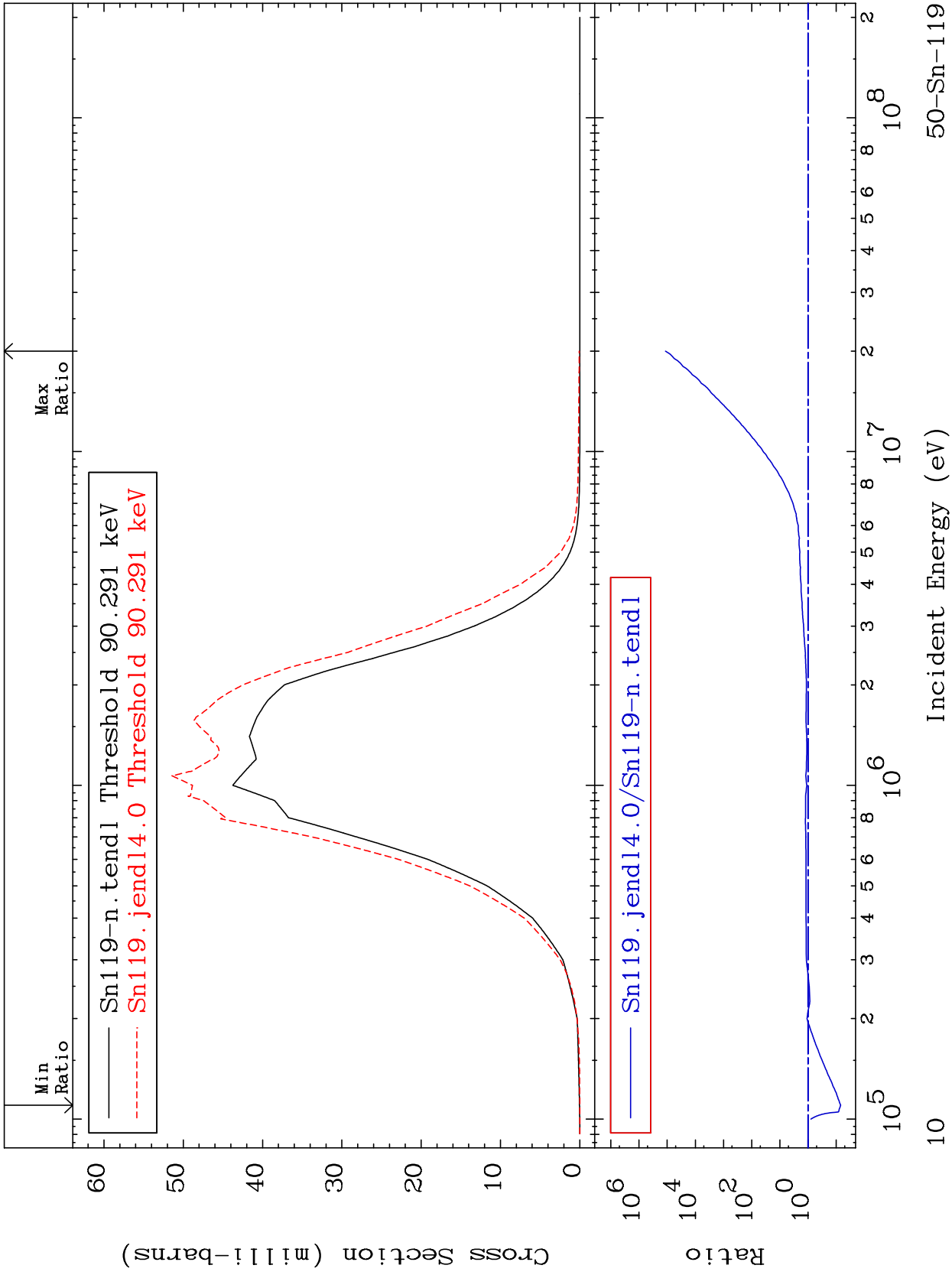
Cross Section



MAT 5046

89.53 keV (n,n') Level
Cross Section

50-Sn-119
-93.03 To 9999. %

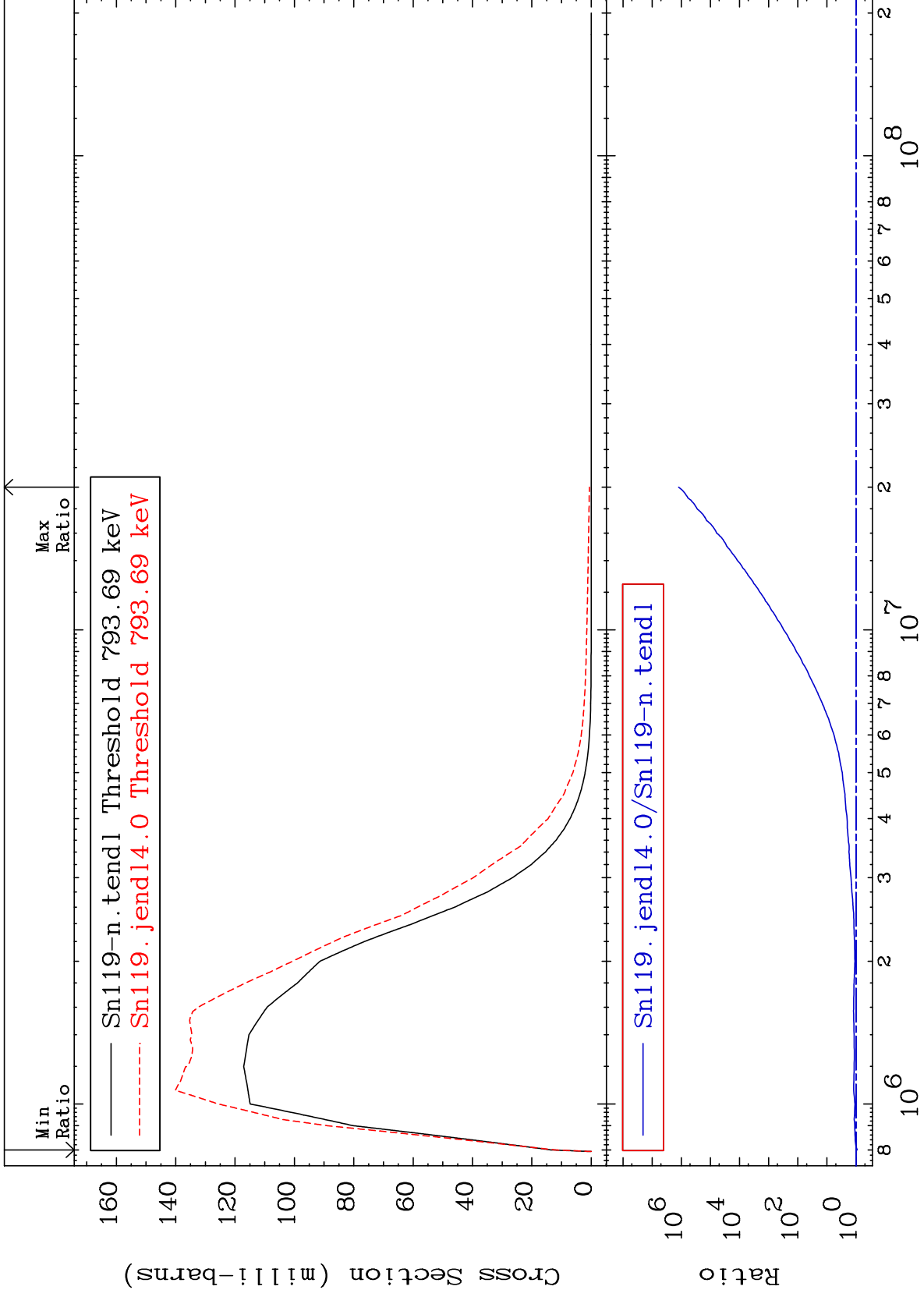


50-Sn-119

MAT 5046

787.0 keV (n,n') Level
Cross Section

50-Sn-119
-8.836 To 9999. %



11

Incident Energy (eV)

50-Sn-119

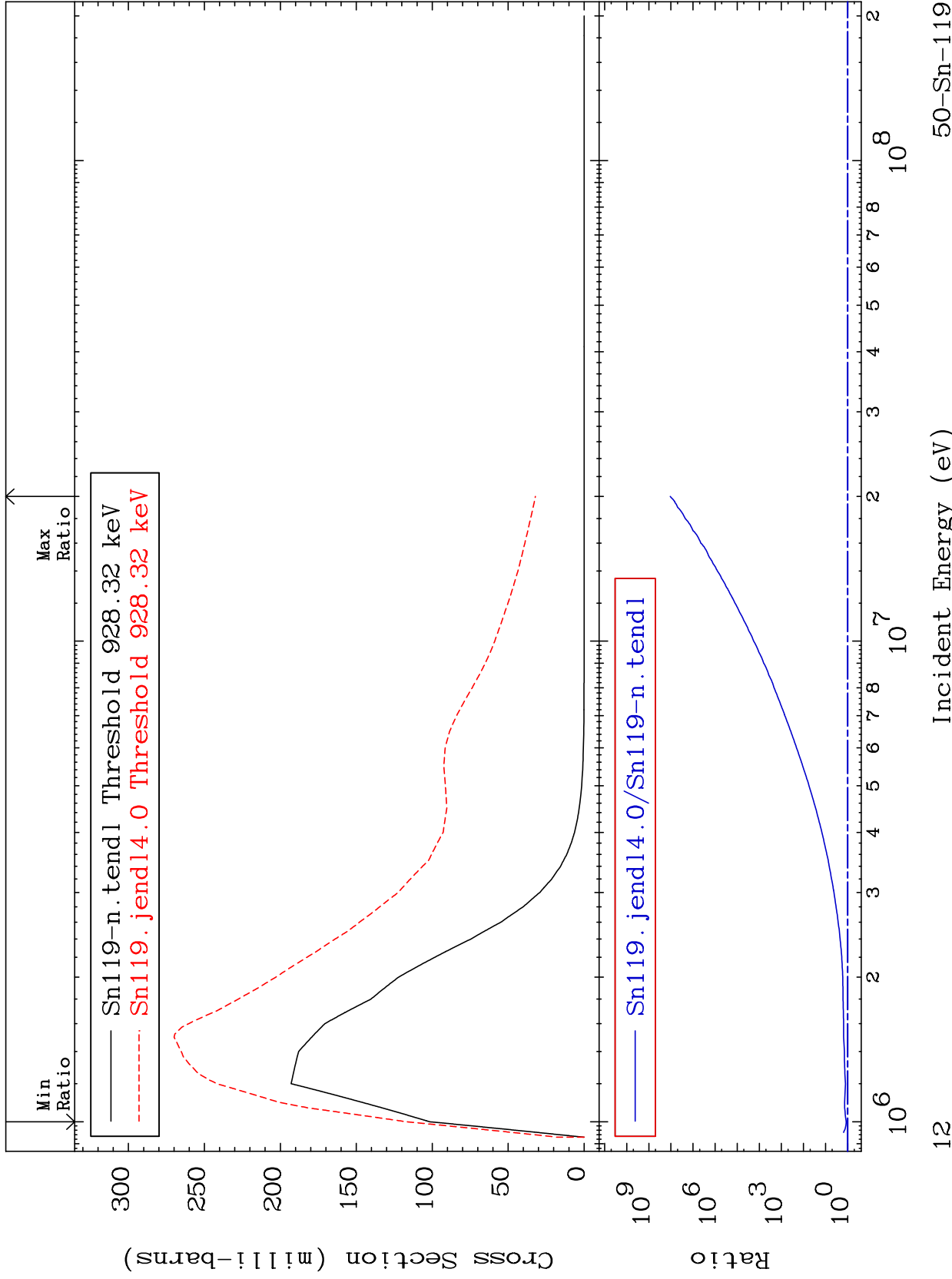
MAT 5046

920.5 keV (n,n') Level

50-Sn-119

15.22 To 9999. %

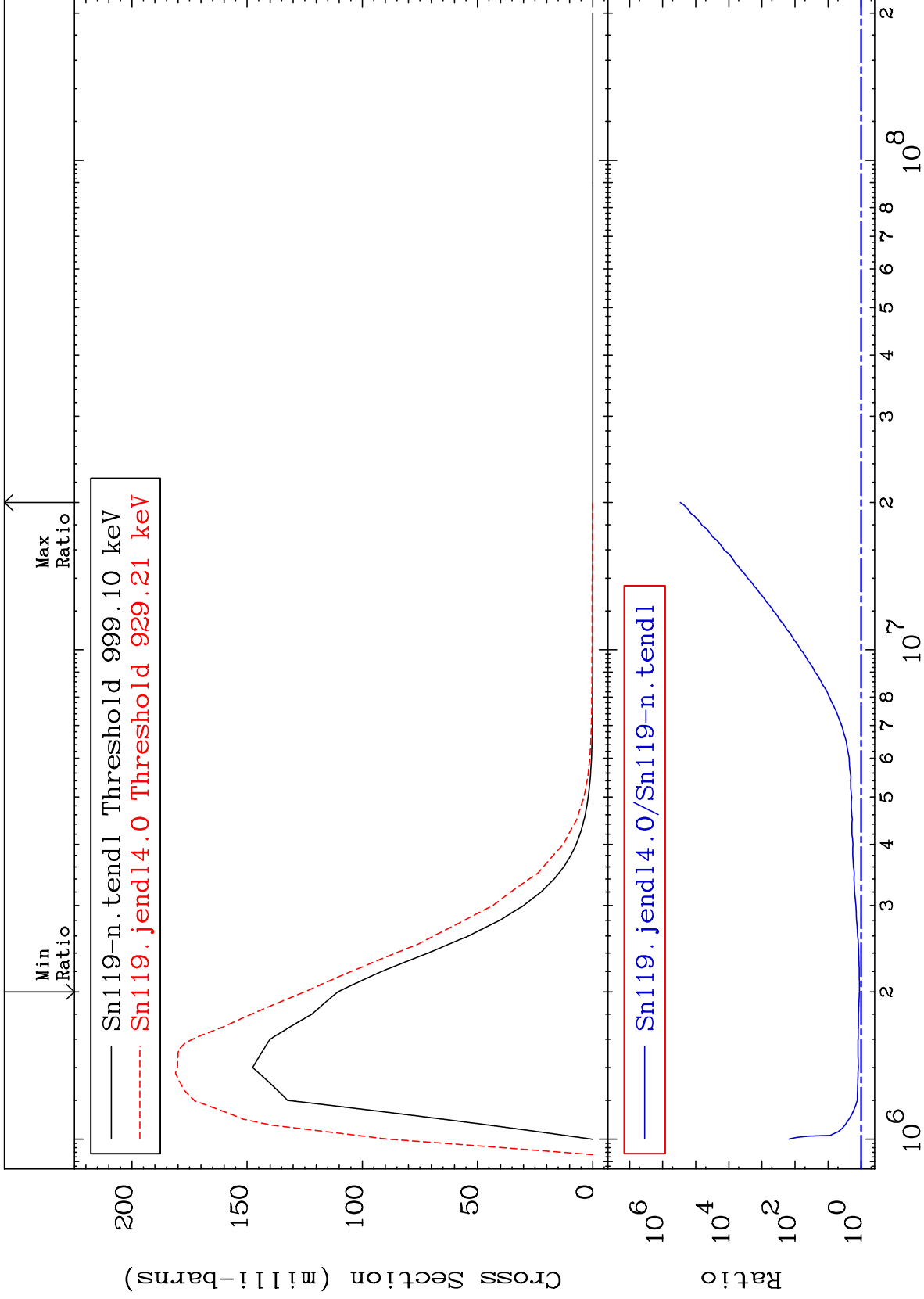
Cross Section



MAT 5046

990.7 keV (n,n') Level
Cross Section

50-Sn-119
12.95 To 9999. %



13

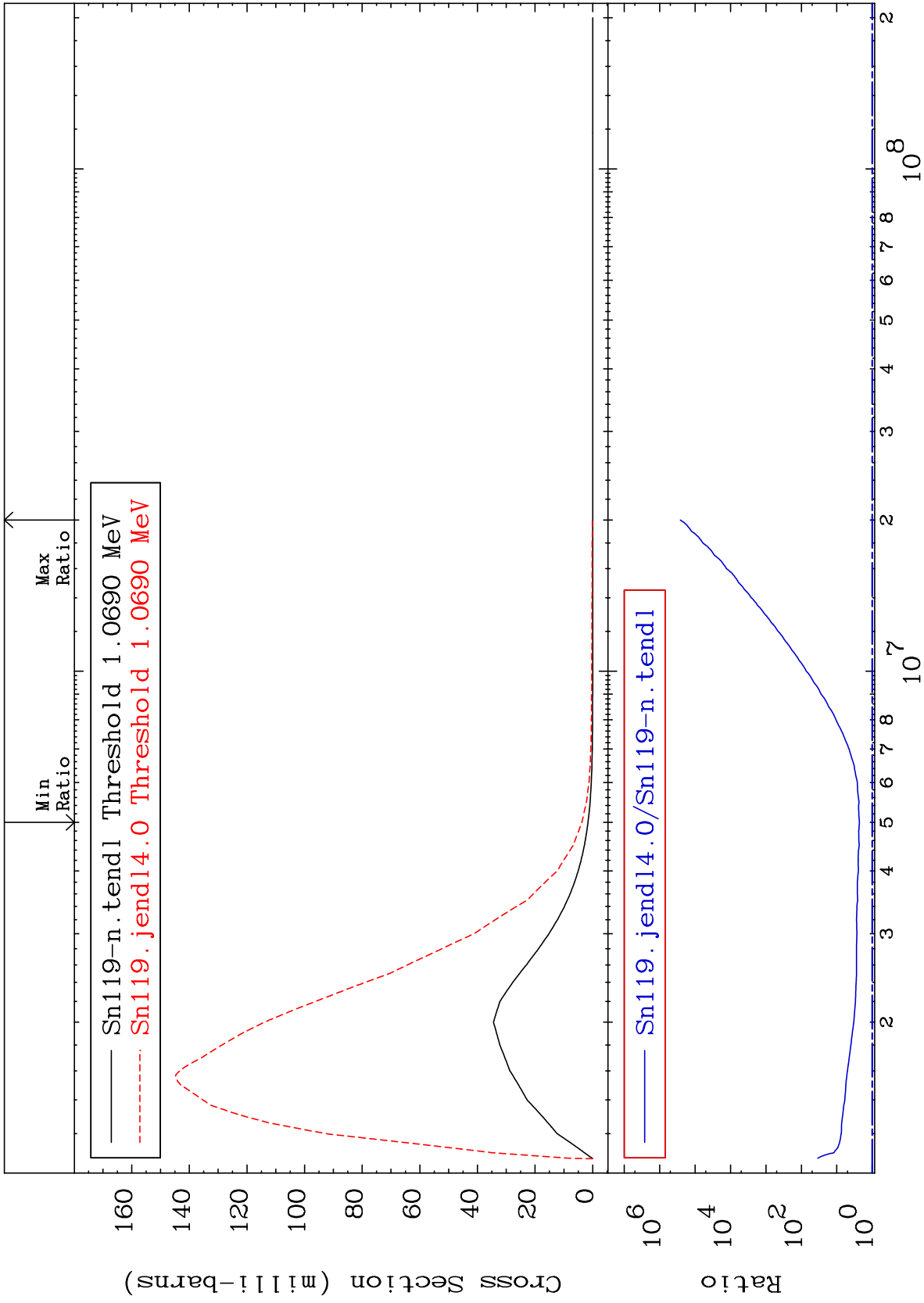
50-Sn-119

50-Sn-119

MAT 5046

1.060 MeV (n,n') Level
Cross Section

50-Sn-119
129.7 To 9999. %



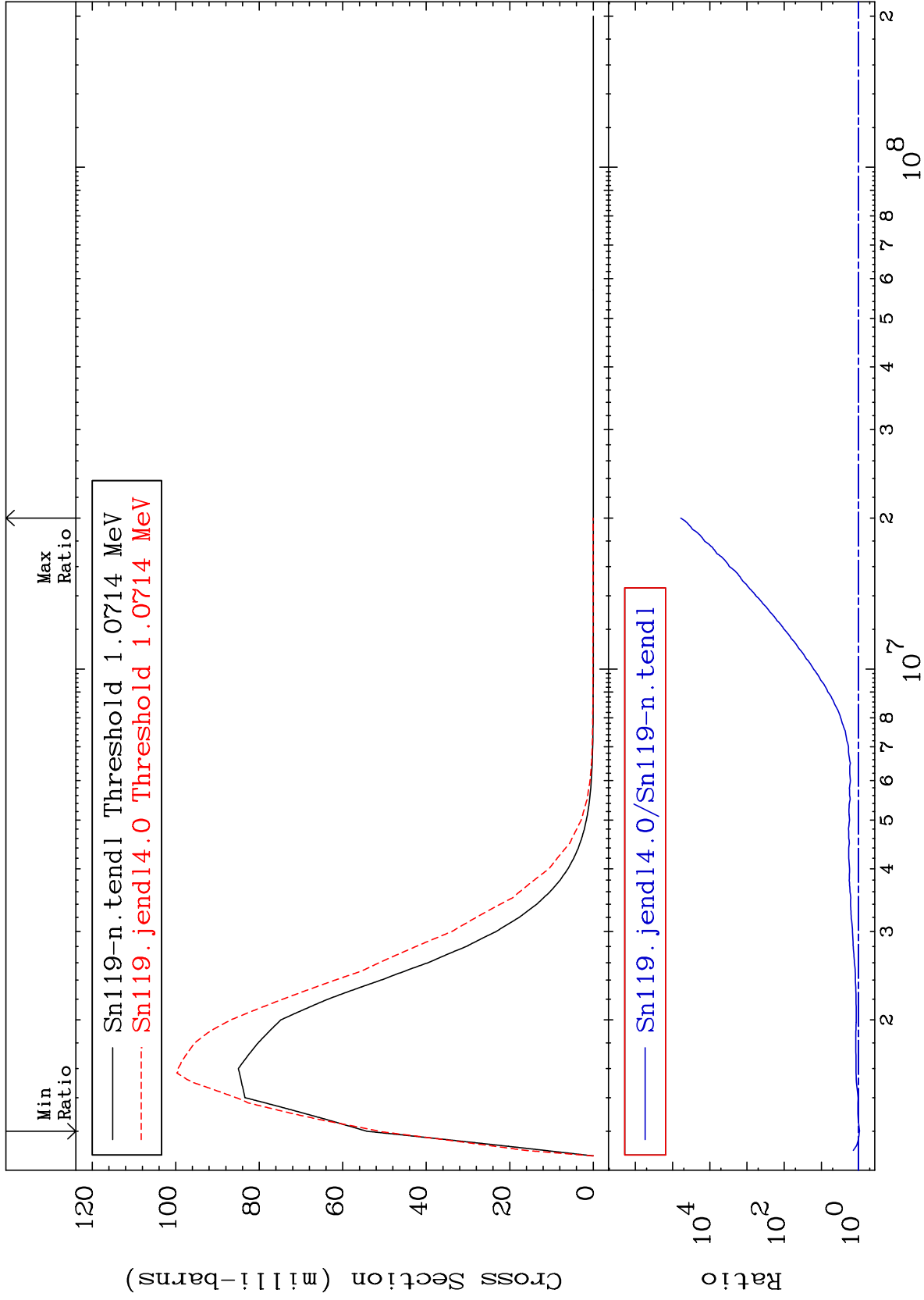
MAT 5046

1.062 MeV (n,n') Level

50-Sn-119

-5.710 To 9999. %

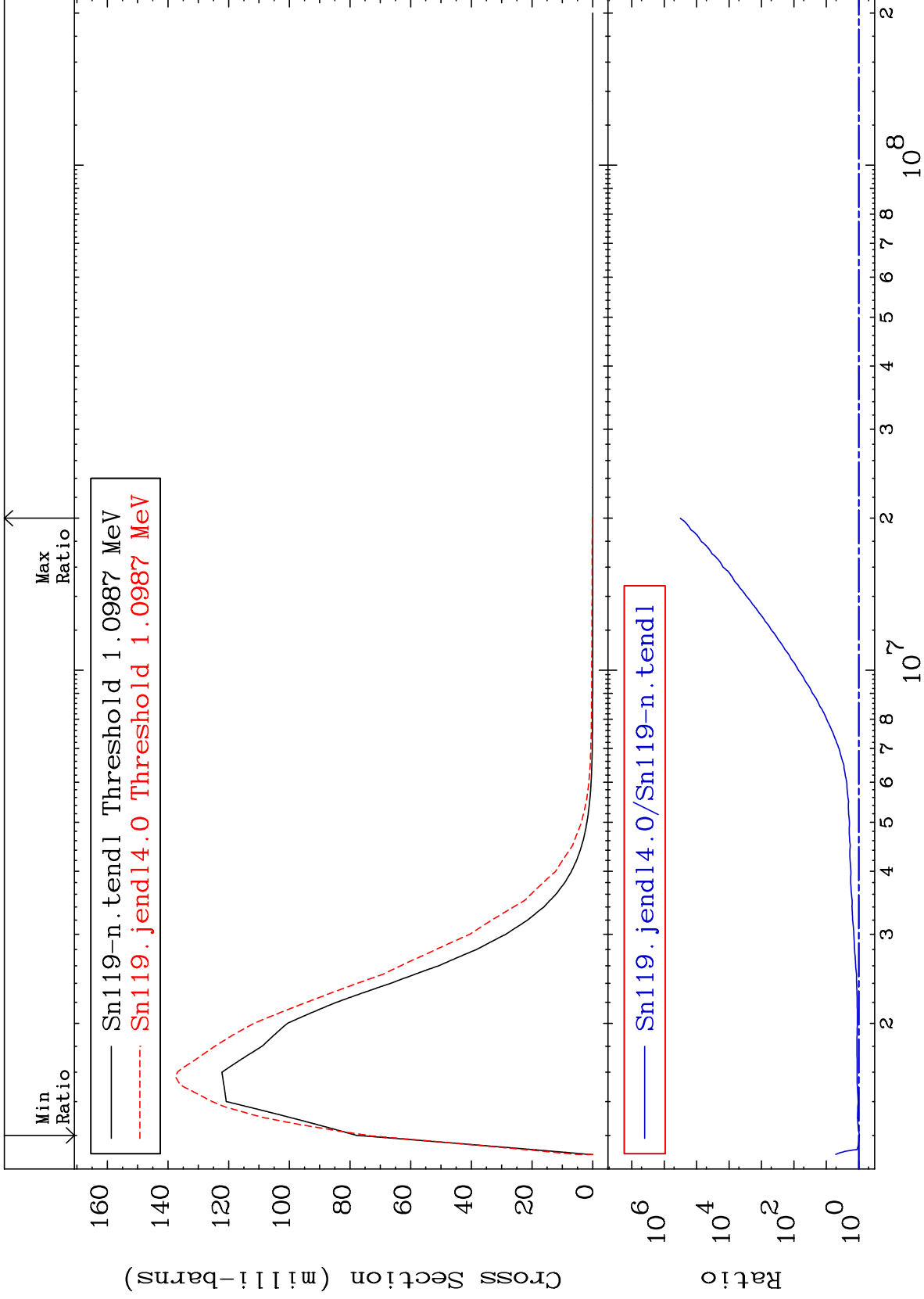
Cross Section



MAT 5046

1.089 MeV (n,n') Level
Cross Section

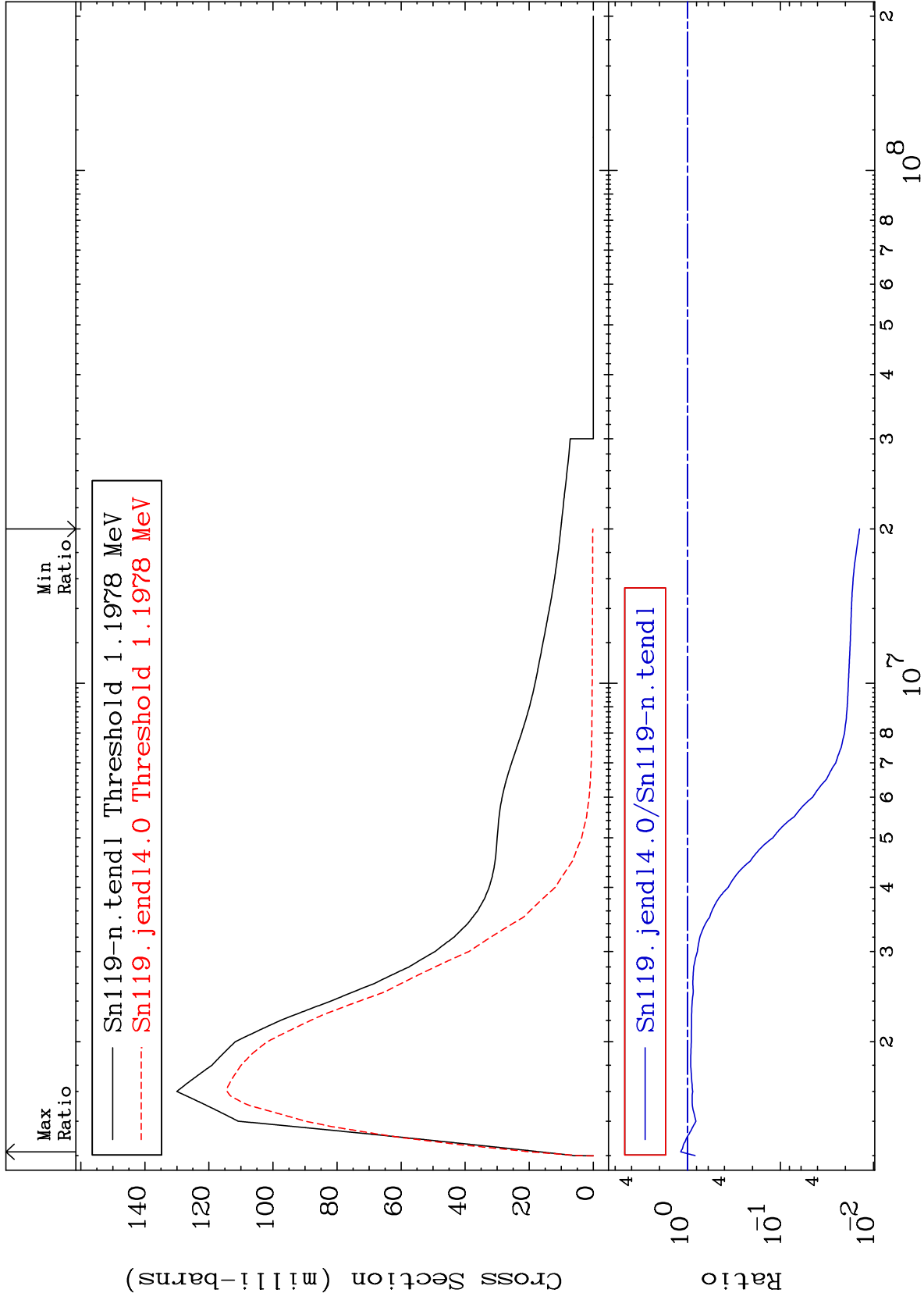
50-Sn-119
-4.668 To 9999. %



MAT 5046

1.188 MeV (n,n') Level
Cross Section

50-Sn-119
-98.59 To 18.18 %



17

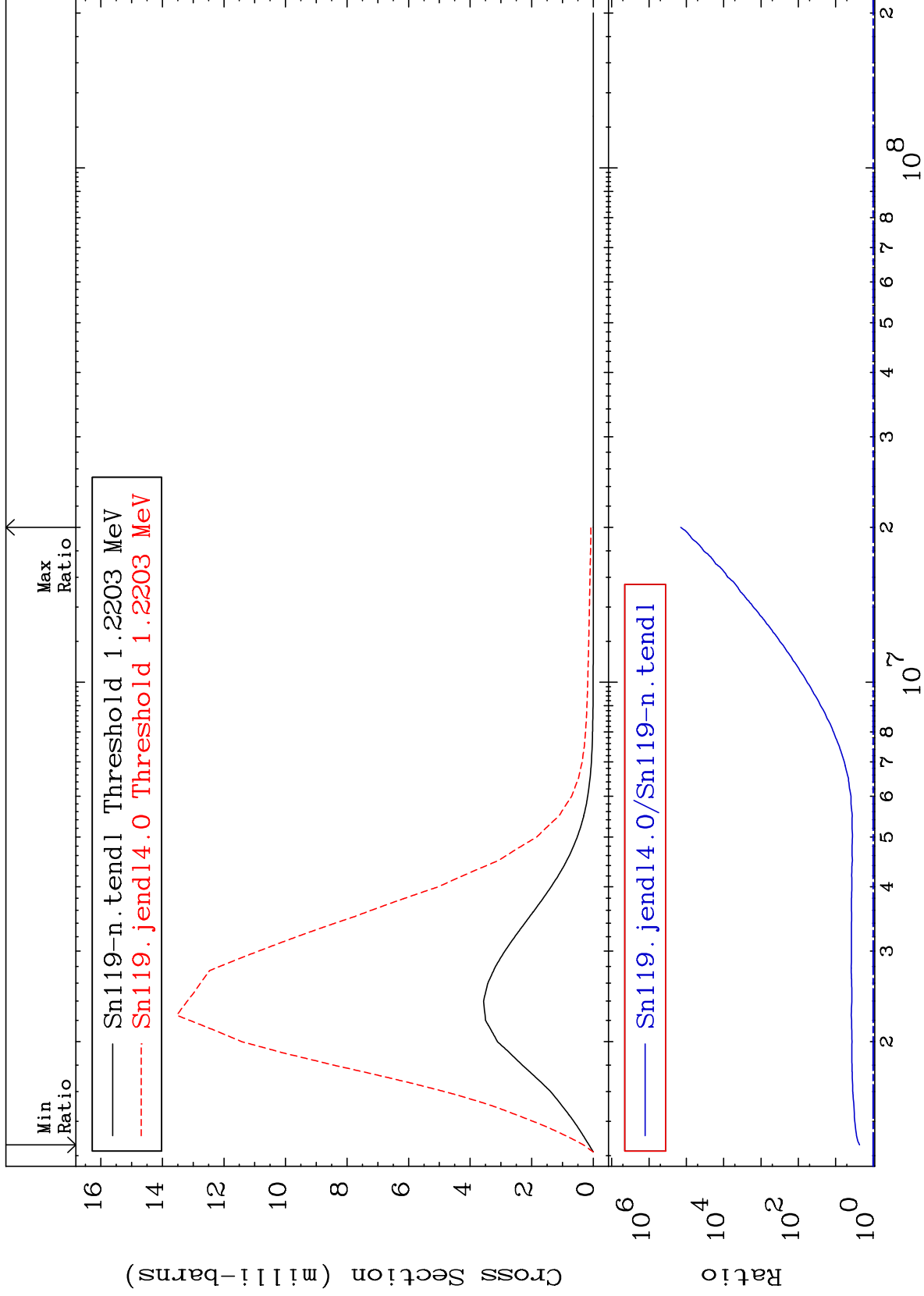
Incident Energy (eV)

50-Sn-119

MAT 5046

1.210 MeV (n,n') Level
Cross Section

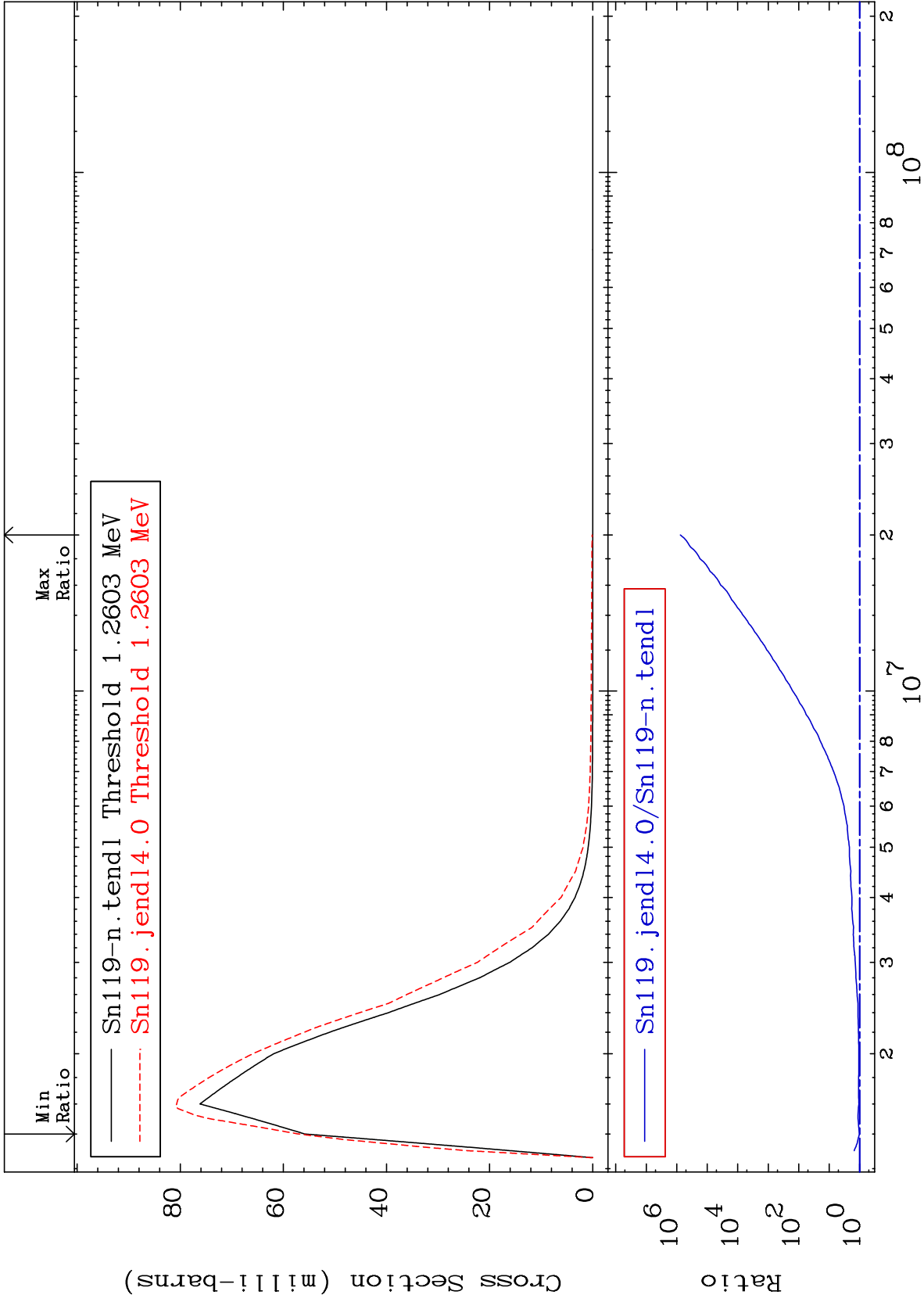
50-Sn-119
129.7 To 9999. %



MAT 5046

1.250 MeV (n,n') Level
Cross Section

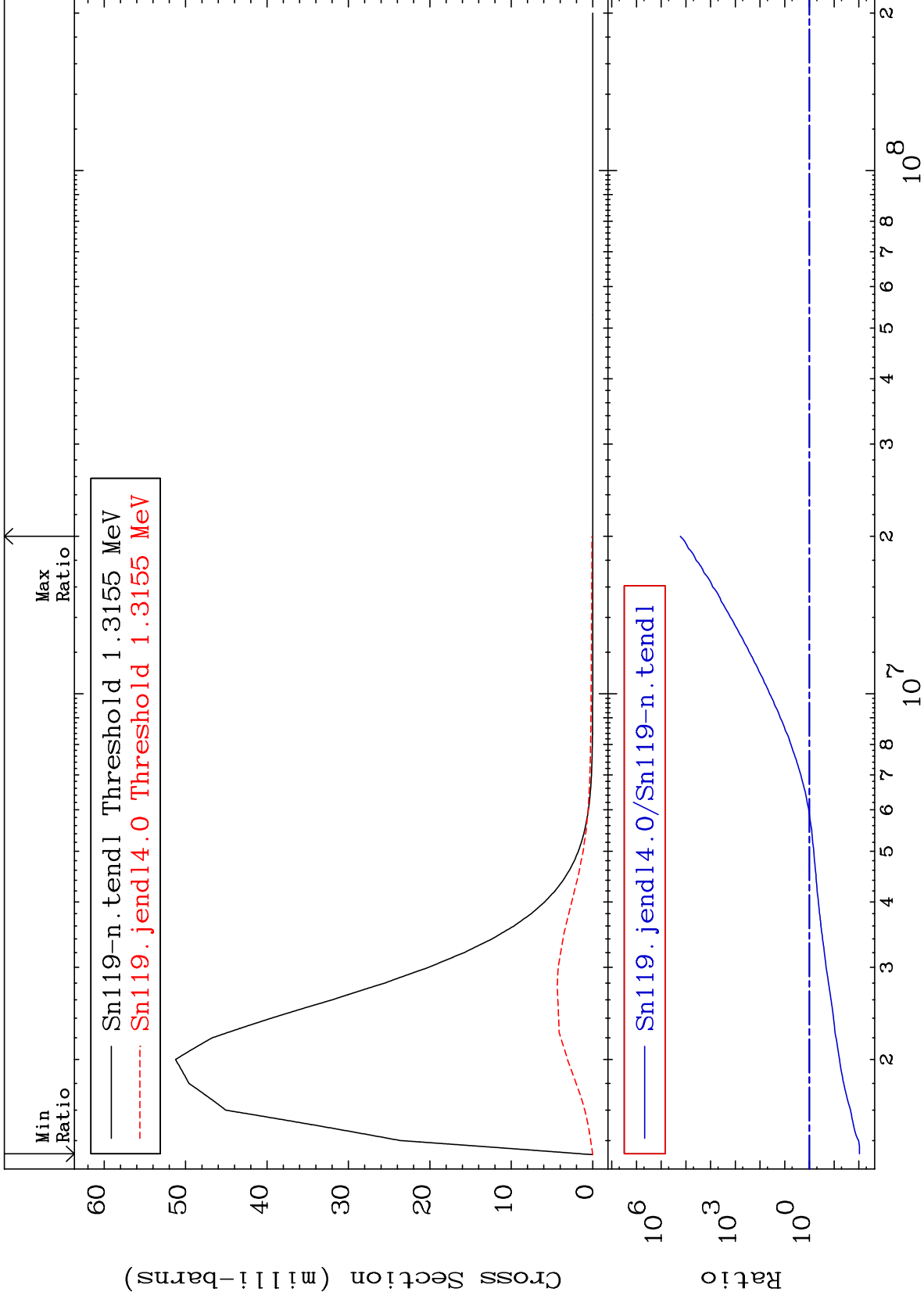
50-Sn-119
To 9999. %
1.883



MAT 5046

1.304 MeV (n,n') Level
Cross Section

50-Sn-119
-99.05 To 9999. %



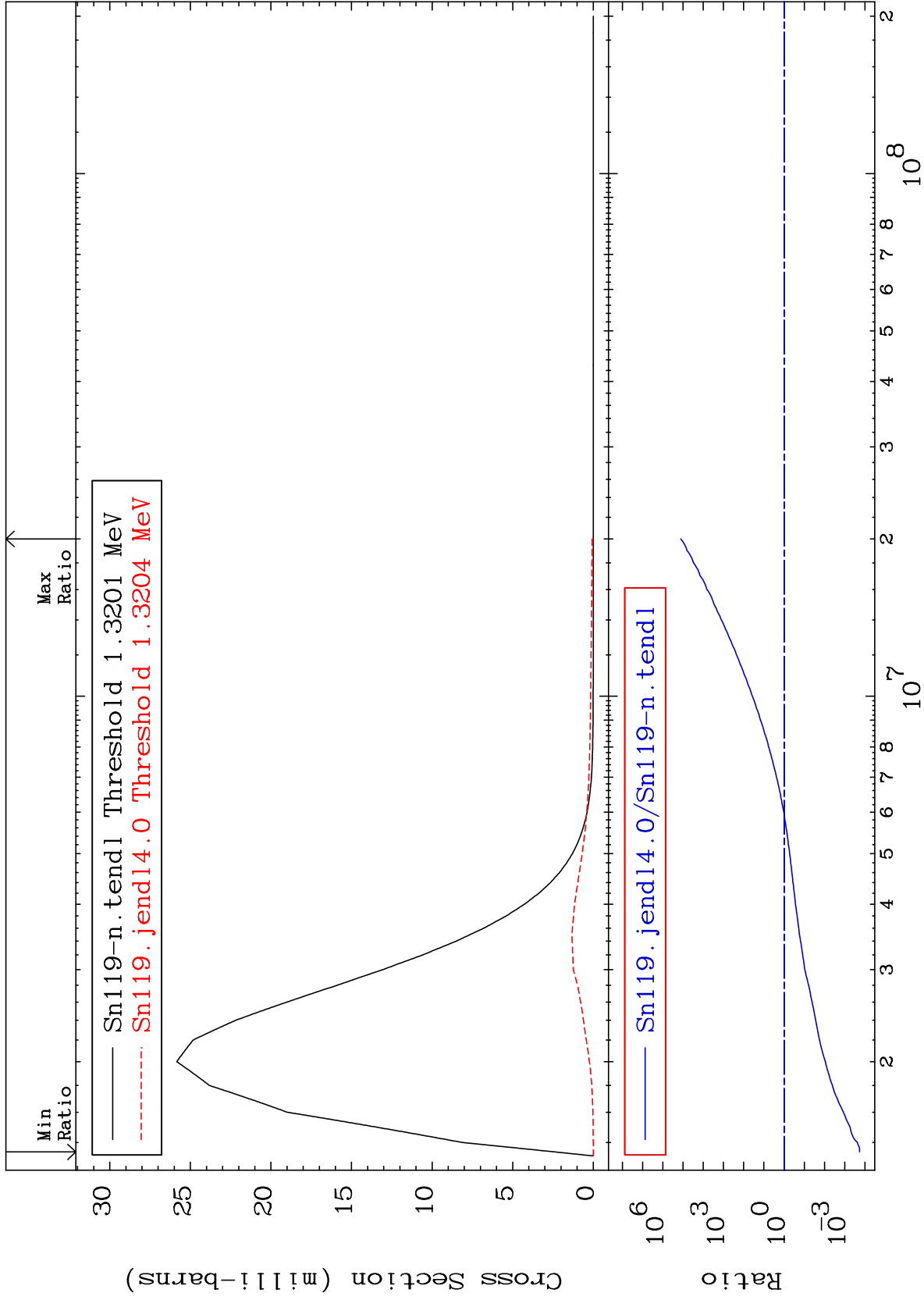
MAT 5046

1.309 MeV (n,n') Level

50-Sn-119

-99.98 To 9999. %

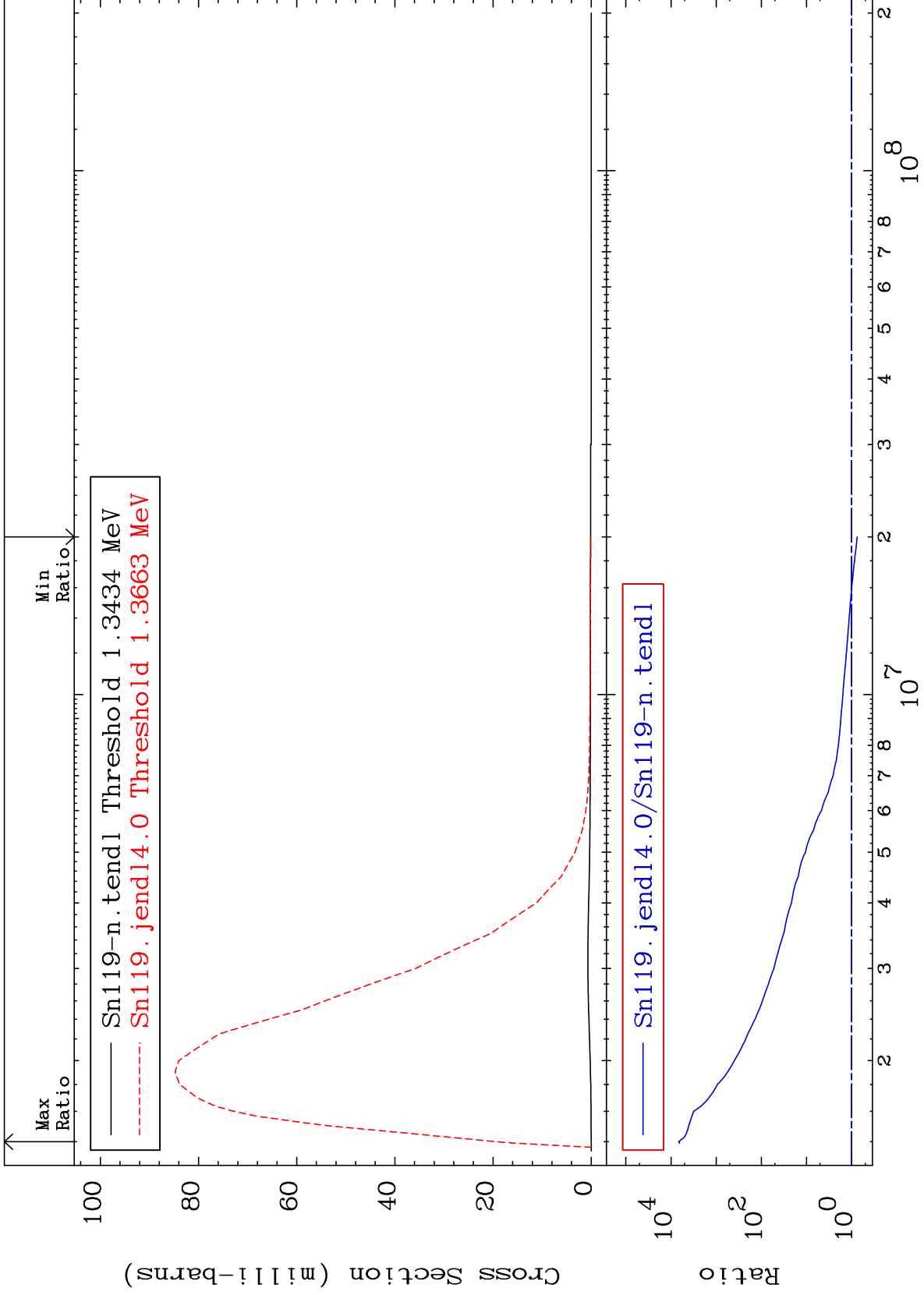
Cross Section



MAT 5046

1.332 MeV (n,n') Level
Cross Section

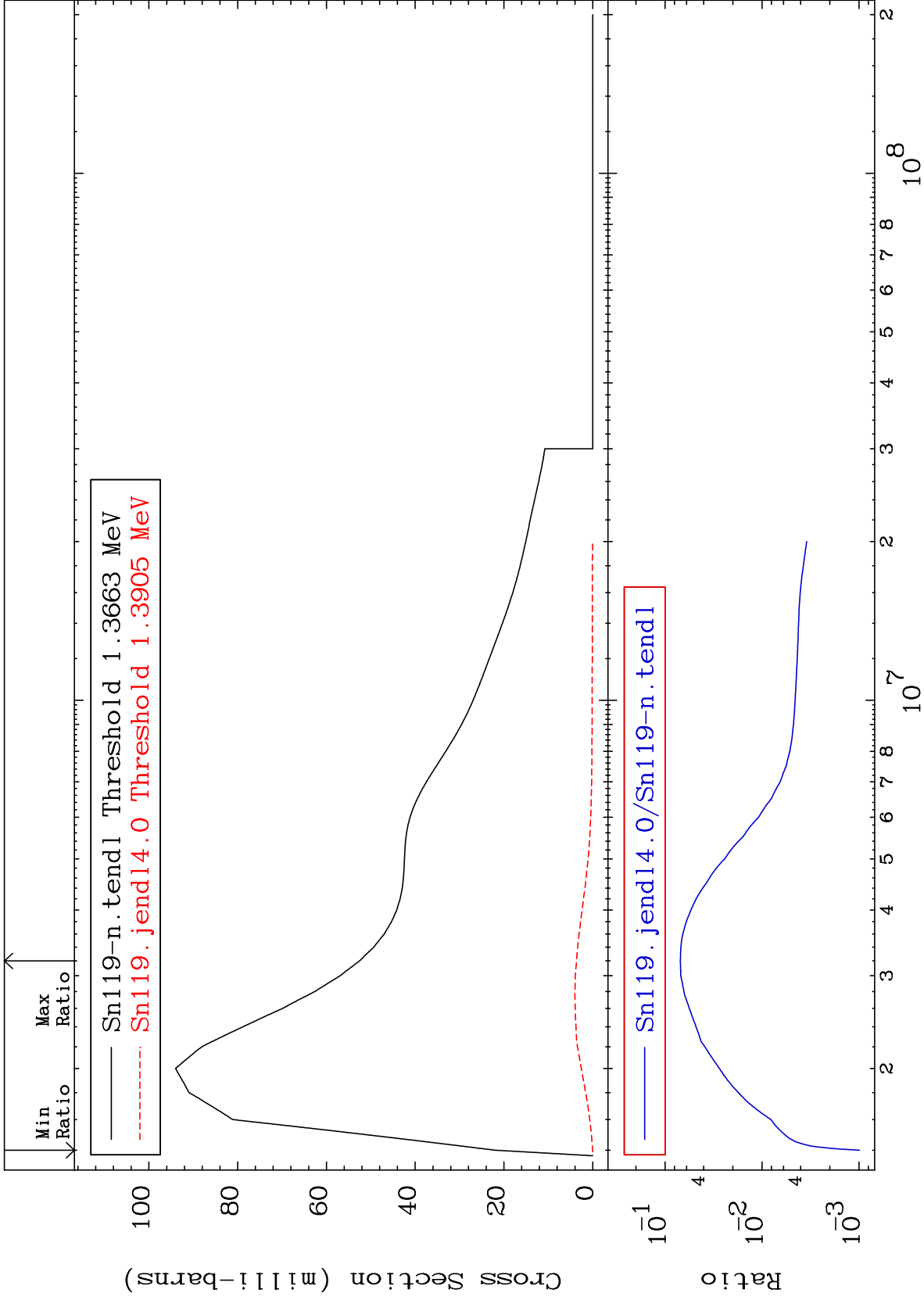
50-Sn-119
-24.72 To 9999. %



MAT 5046

1.355 MeV (n,n') Level
Cross Section

50-Sn-119
-99.90 To -93.05%



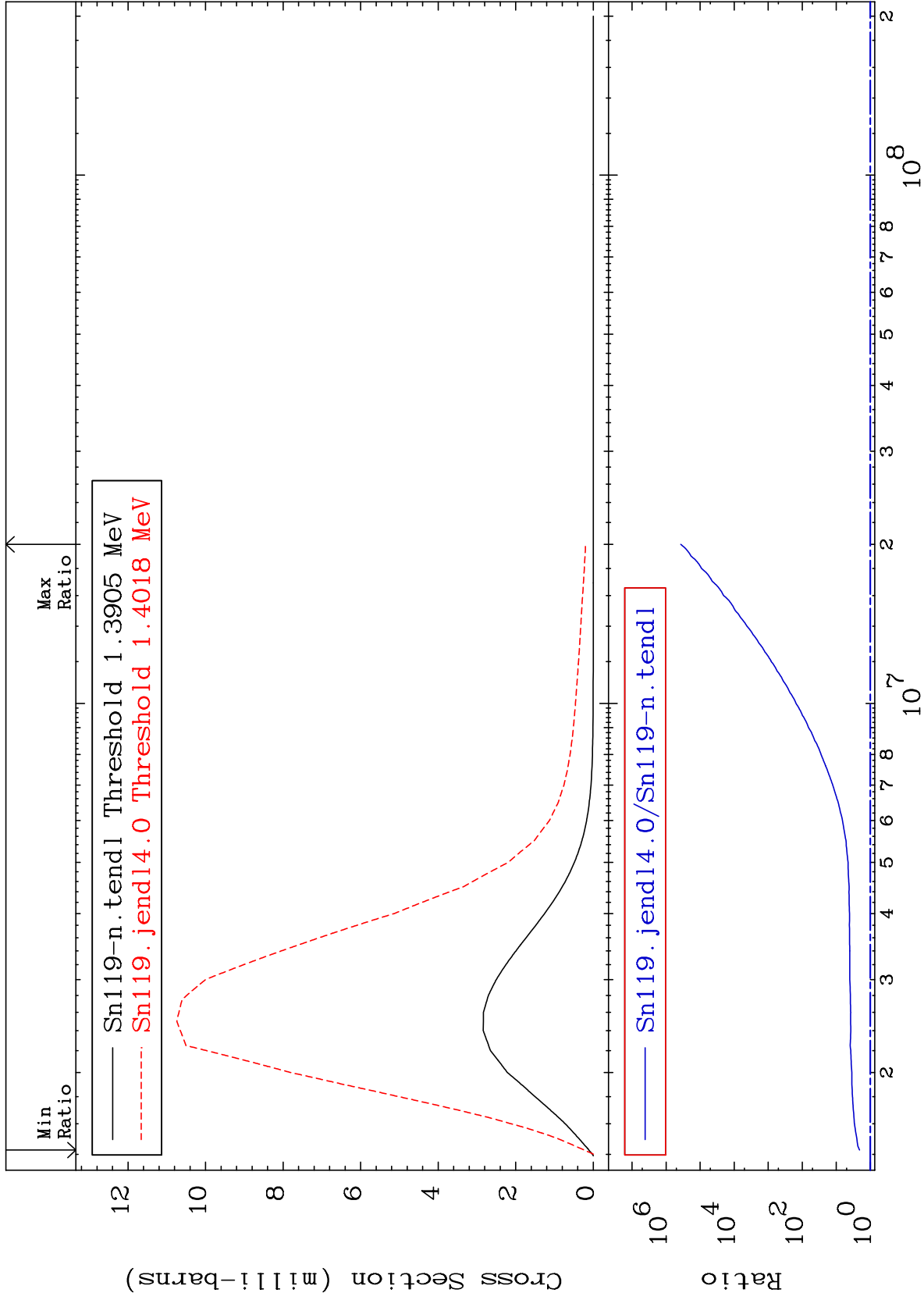
MAT 5046

1.379 MeV (n,n') Level

50-Sn-119

107.6 To 9999. %

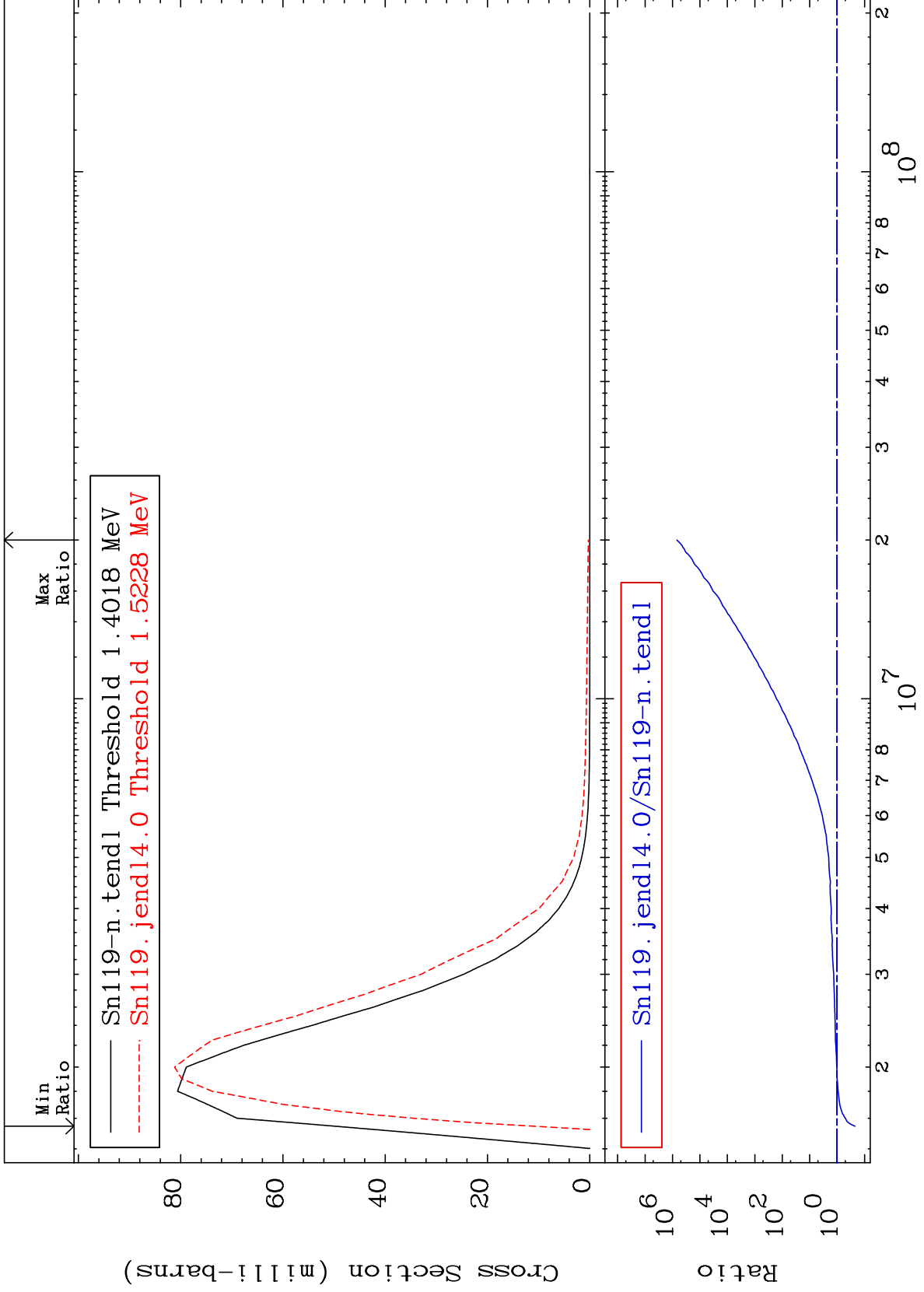
Cross Section



MAT 5046

1.390 MeV (n,n') Level
Cross Section

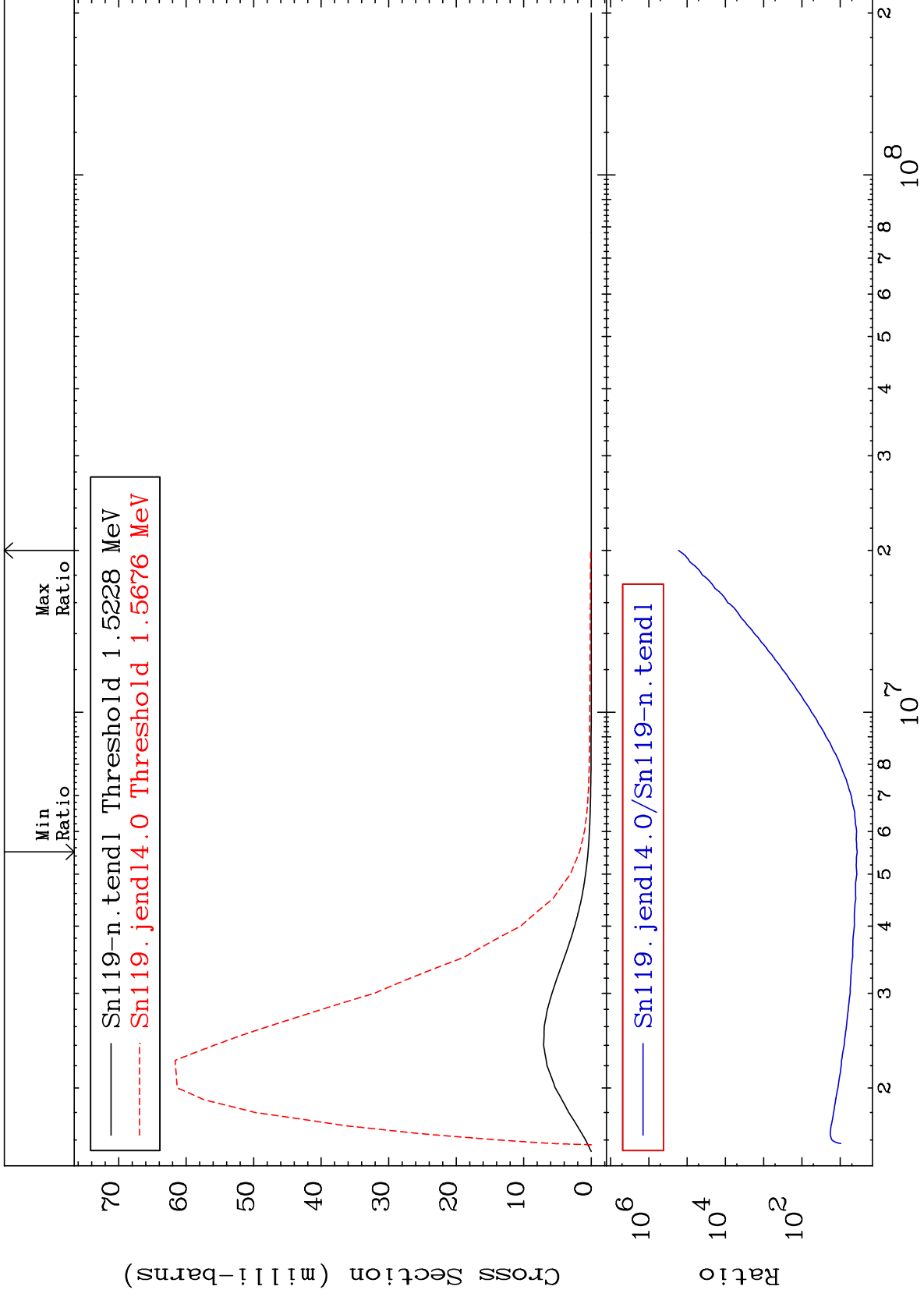
50-Sn-119
-77.91 To 9999. %



MAT 5046

1.510 MeV (n,n') Level
Cross Section

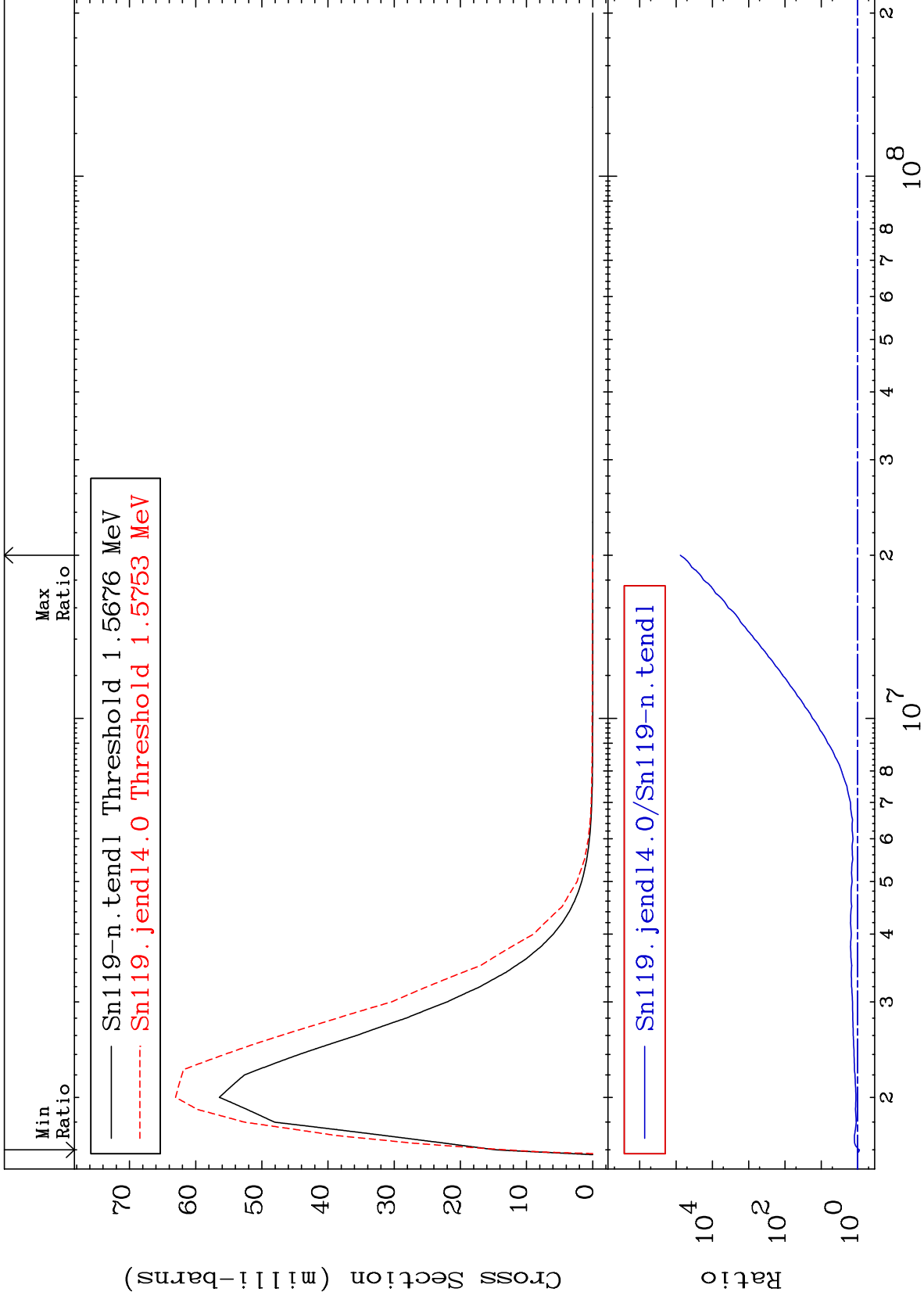
50-Sn-119
To 9999. %
259.0



MAT 5046

1.554 MeV (n,n') Level
Cross Section

50-Sn-119
-10.71 To 9999. %



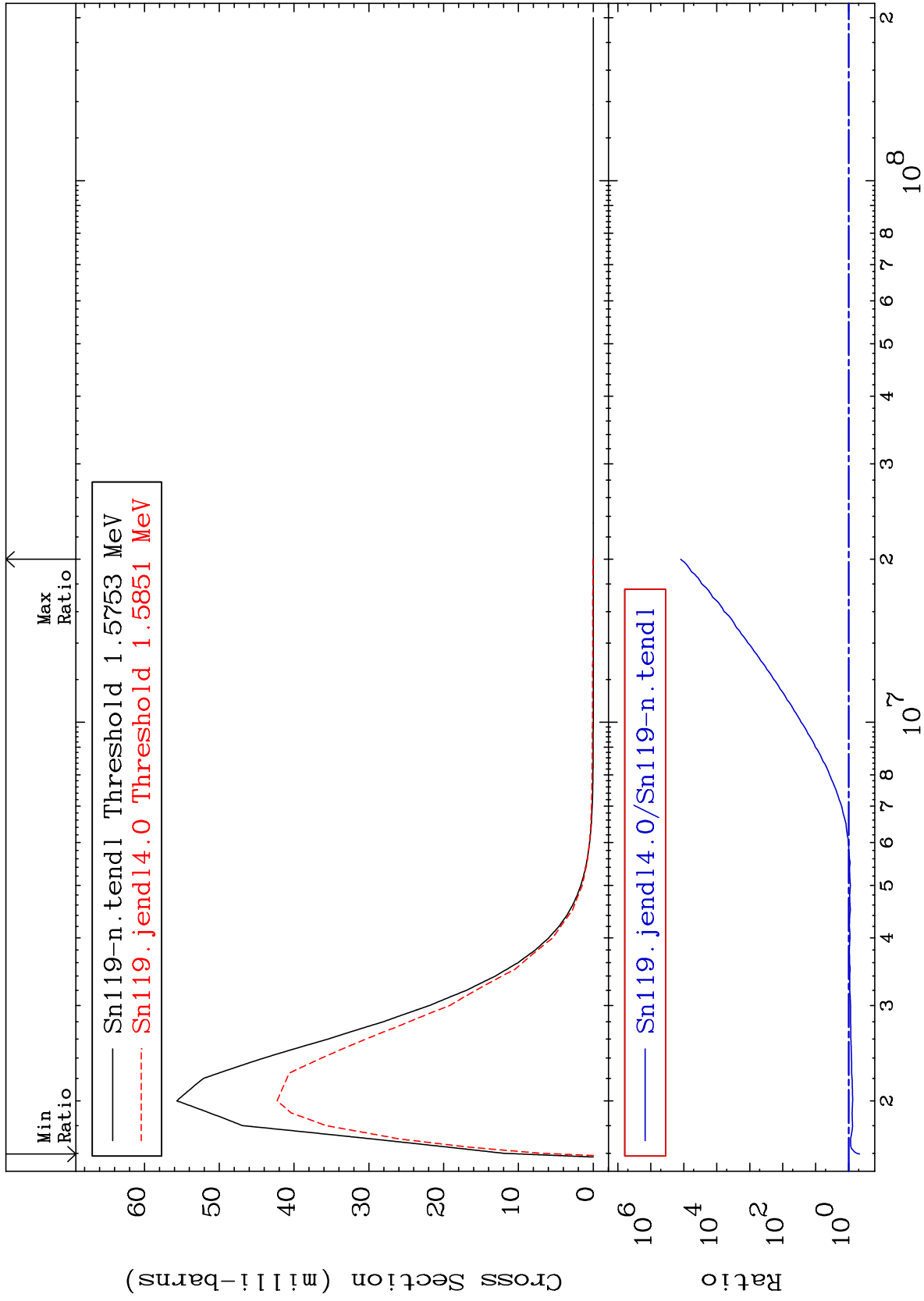
MAT 5046

1.562 MeV (n,n') Level

50-Sn-119

-53.12 To 9999. %

Cross Section

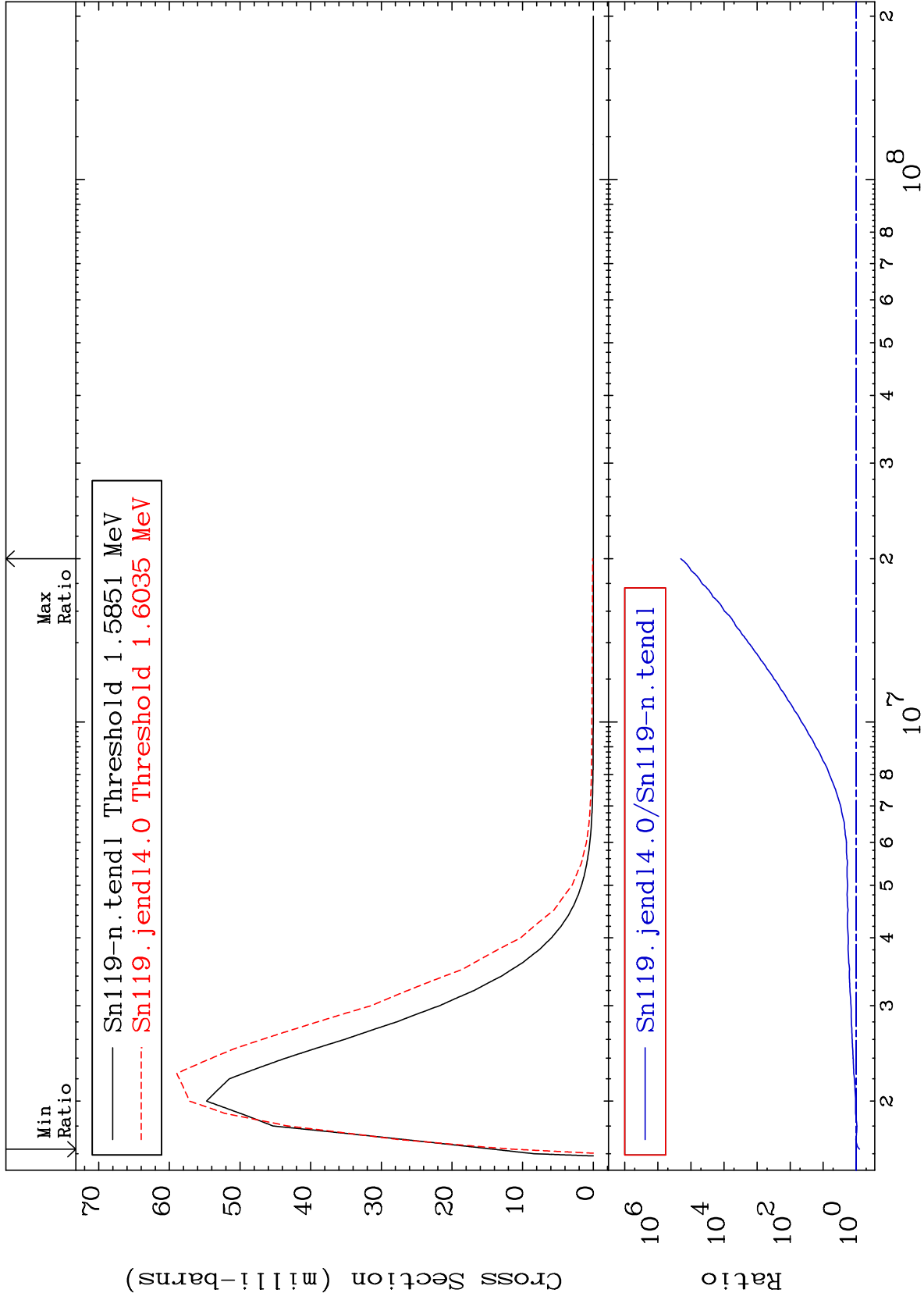


MAT 5046

1.572 MeV (n,n') Level

50-Sn-119

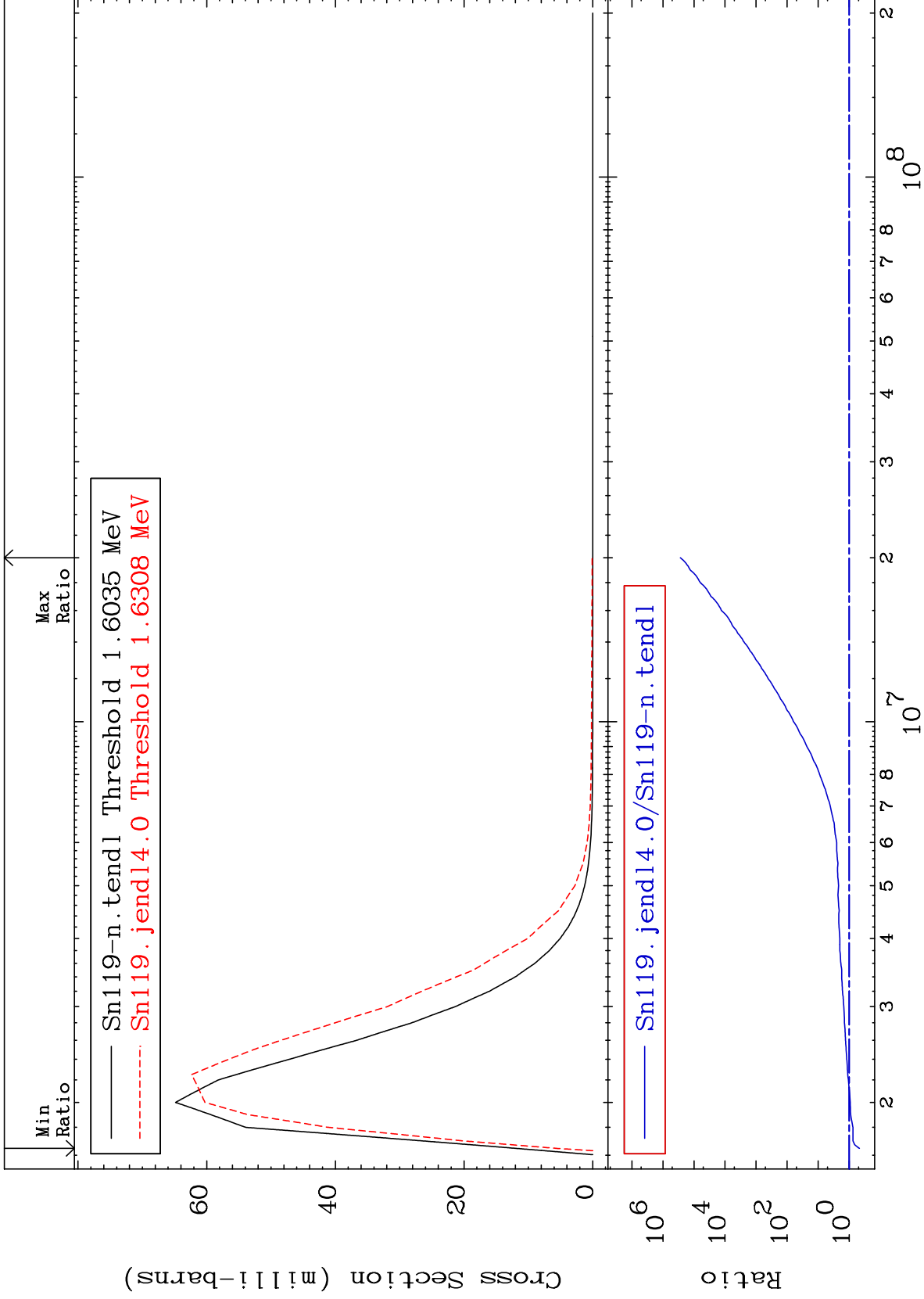
-20.35 To 9999. %



MAT 5046

1.590 MeV (n,n') Level
Cross Section

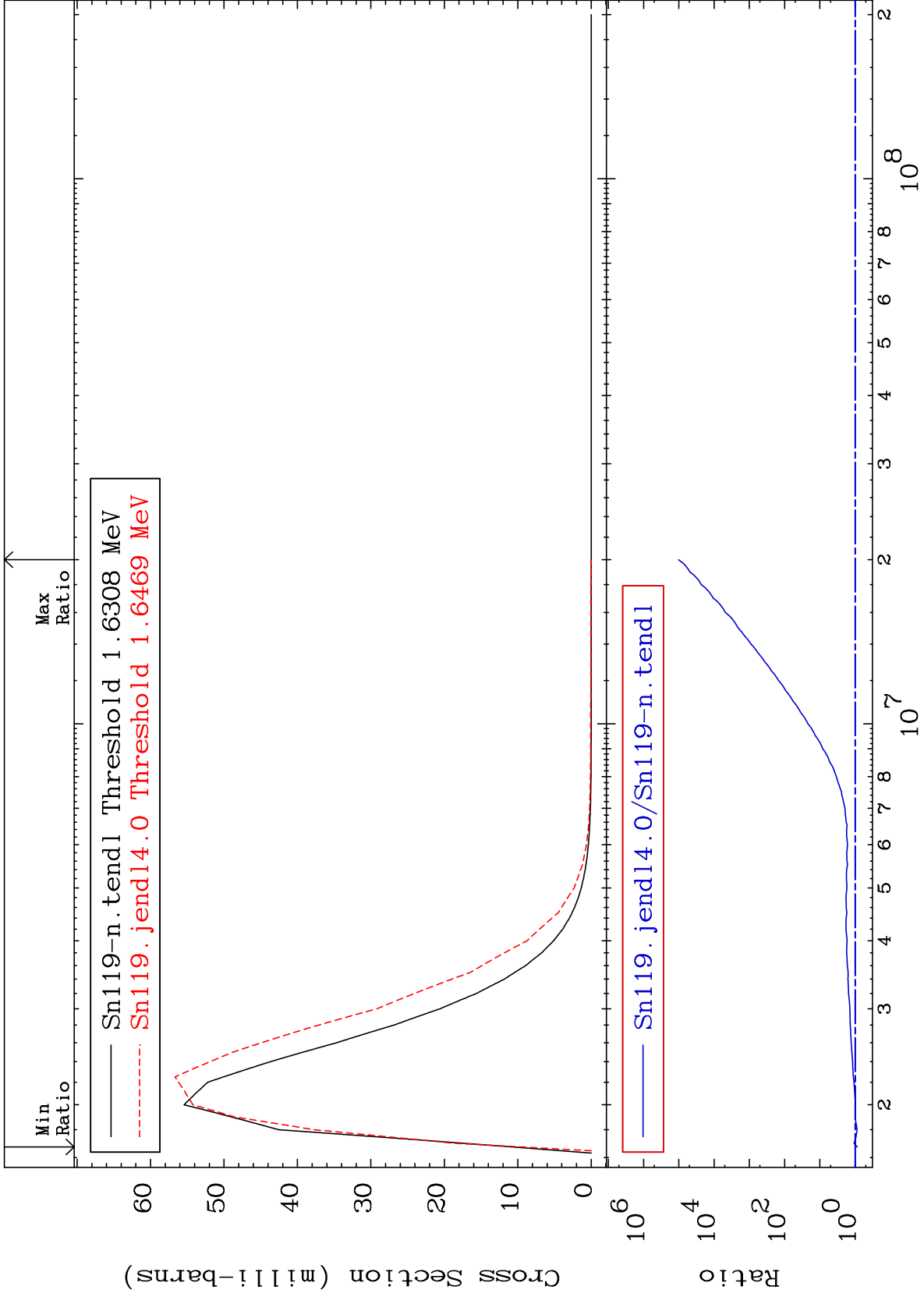
50-Sn-119
-52.95 To 9999. %



MAT 5046

1.617 MeV (n,n') Level
Cross Section

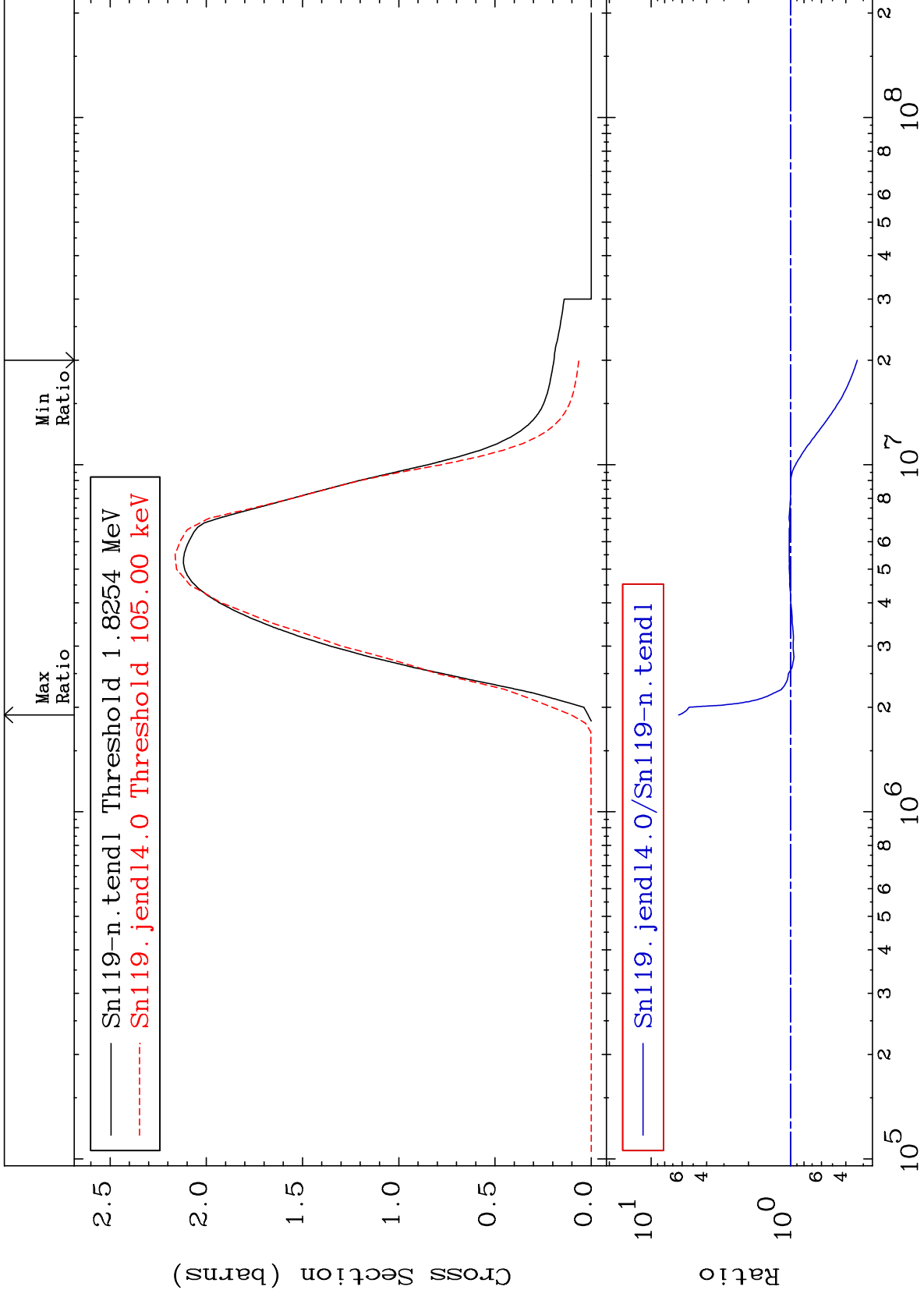
50-Sn-119
-12.69 To 9999. %



MAT 5046

(n, n') Continuum
Cross Section

50-Sn-119
-66.84 To 535.3 %



32

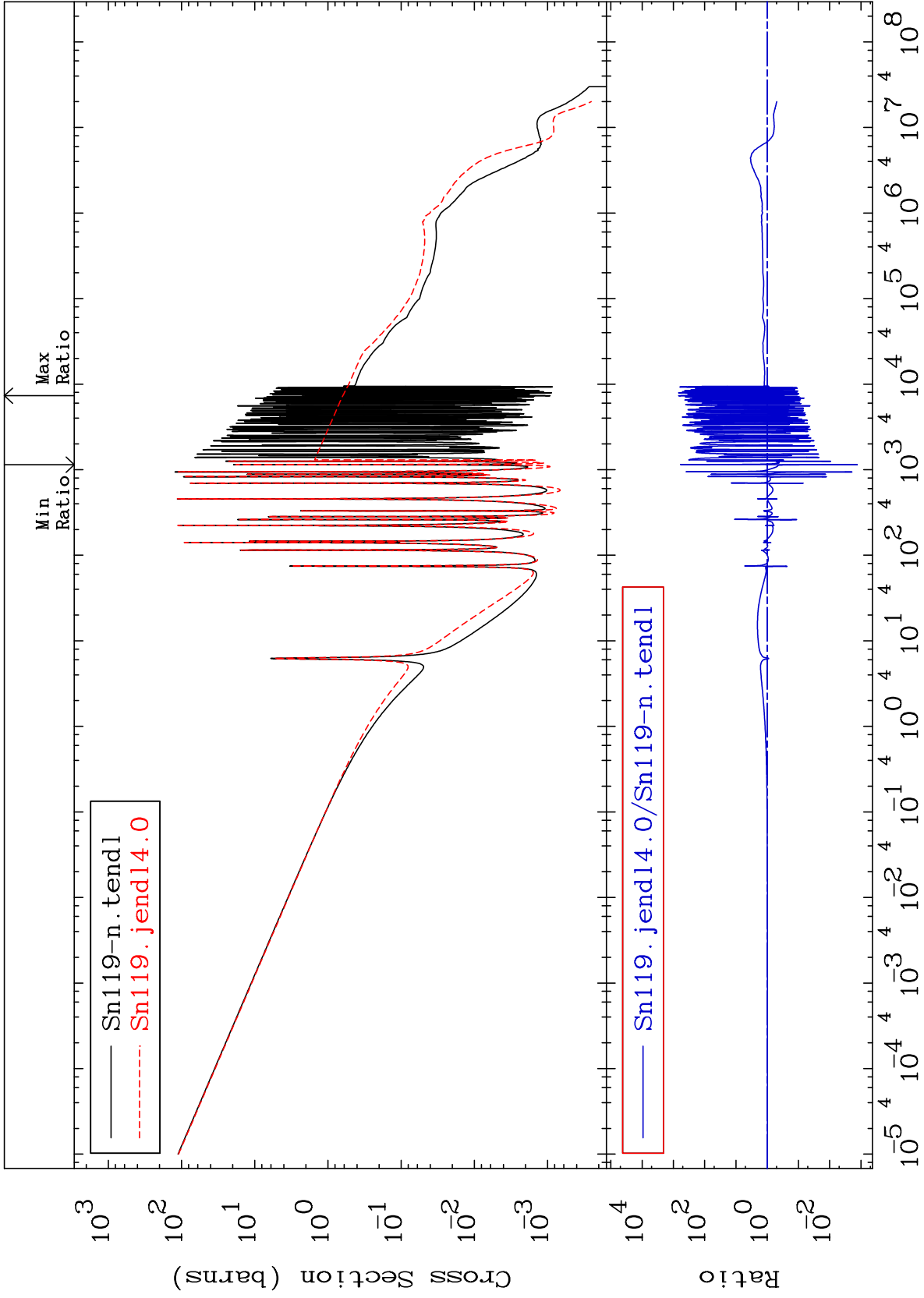
Incident Energy (eV)

50-Sn-119

MAT 5046

(n, γ)
Cross Section

50-Sn-119
-99.87 To 9999. %



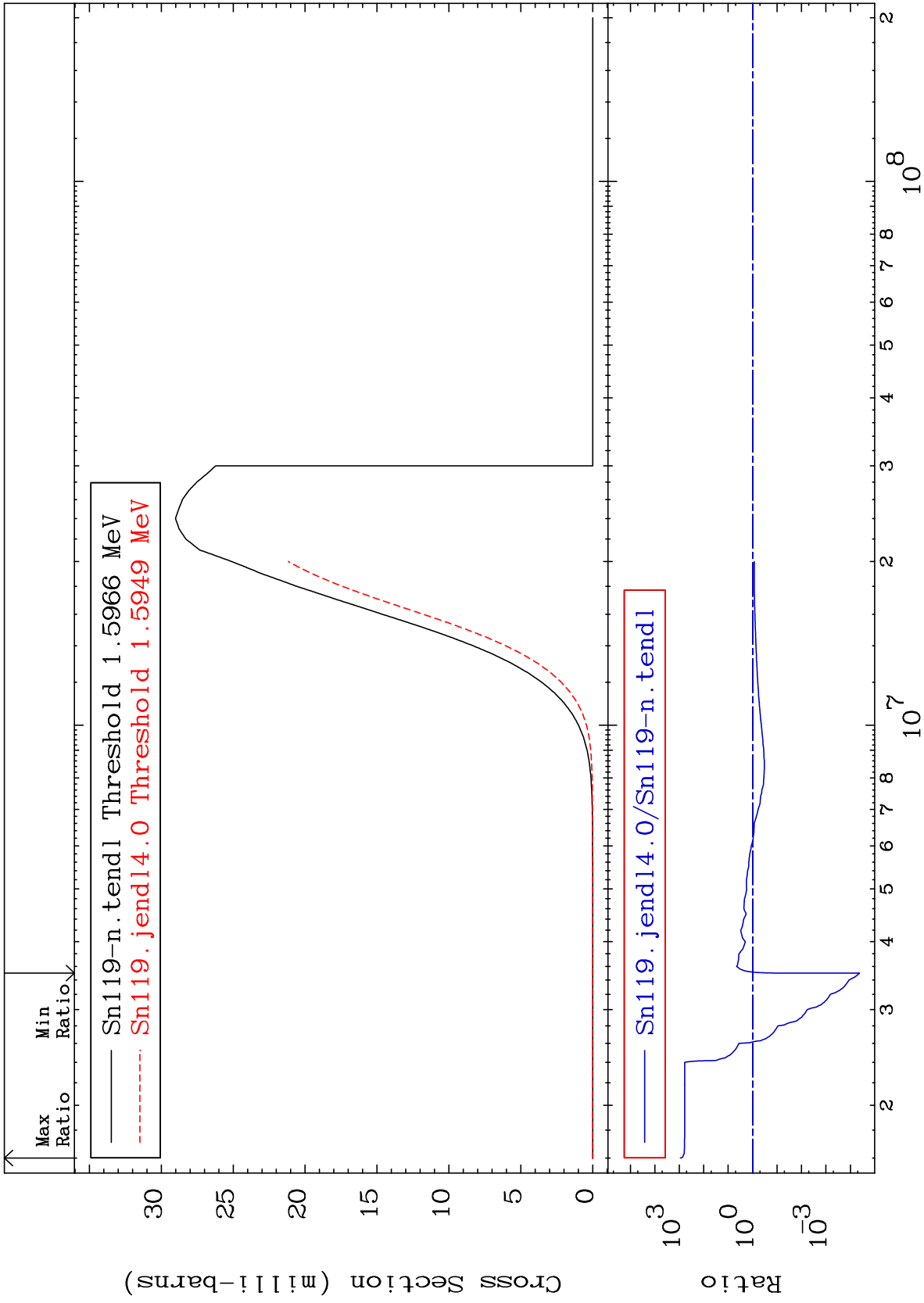
MAT 5046

(n,p)

50-Sn-119

Cross Section

-100.0 To 9999. %



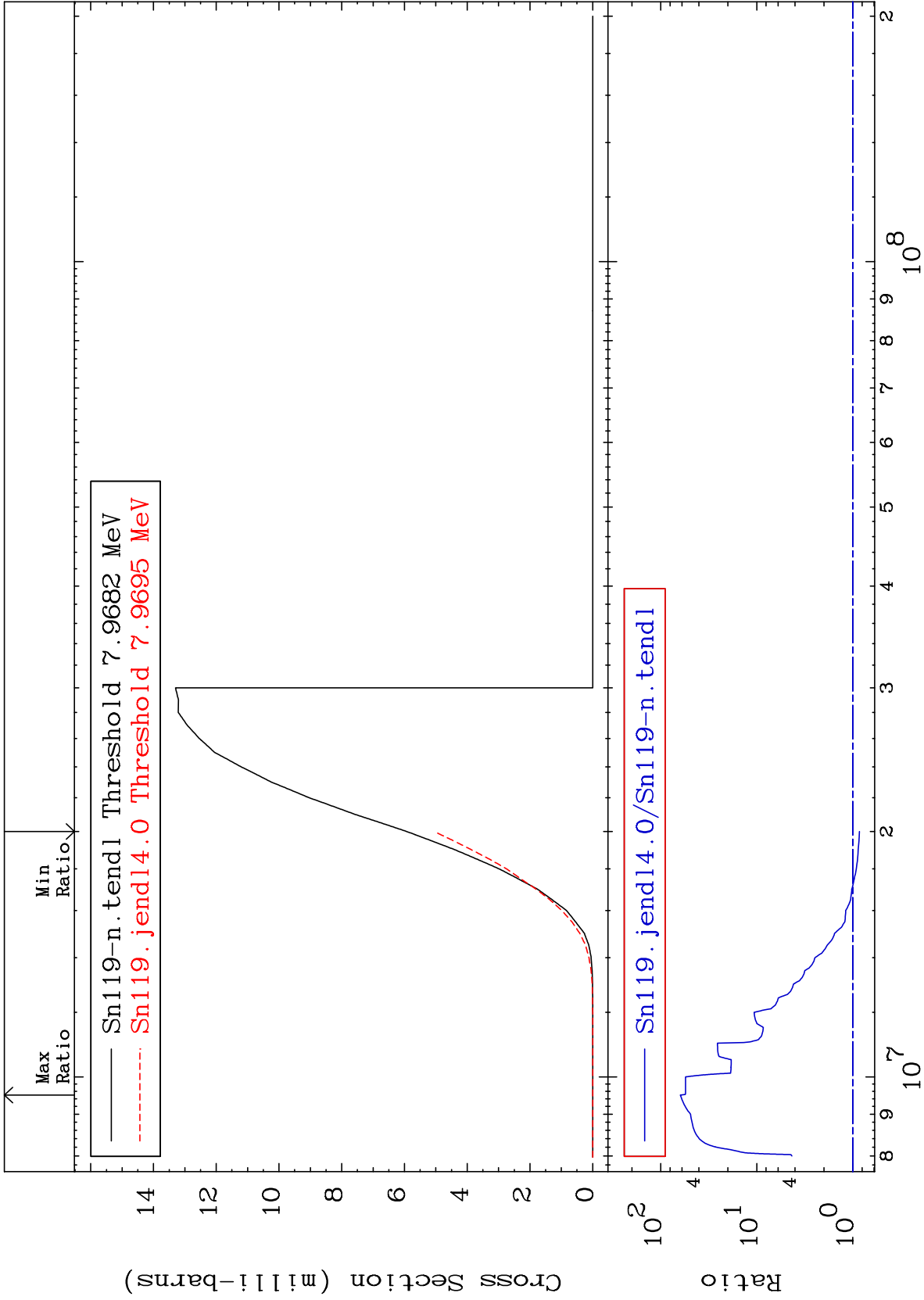
MAT 5046

(n, d)

50-Sn-119

Cross Section

-14.74 To 6150. %



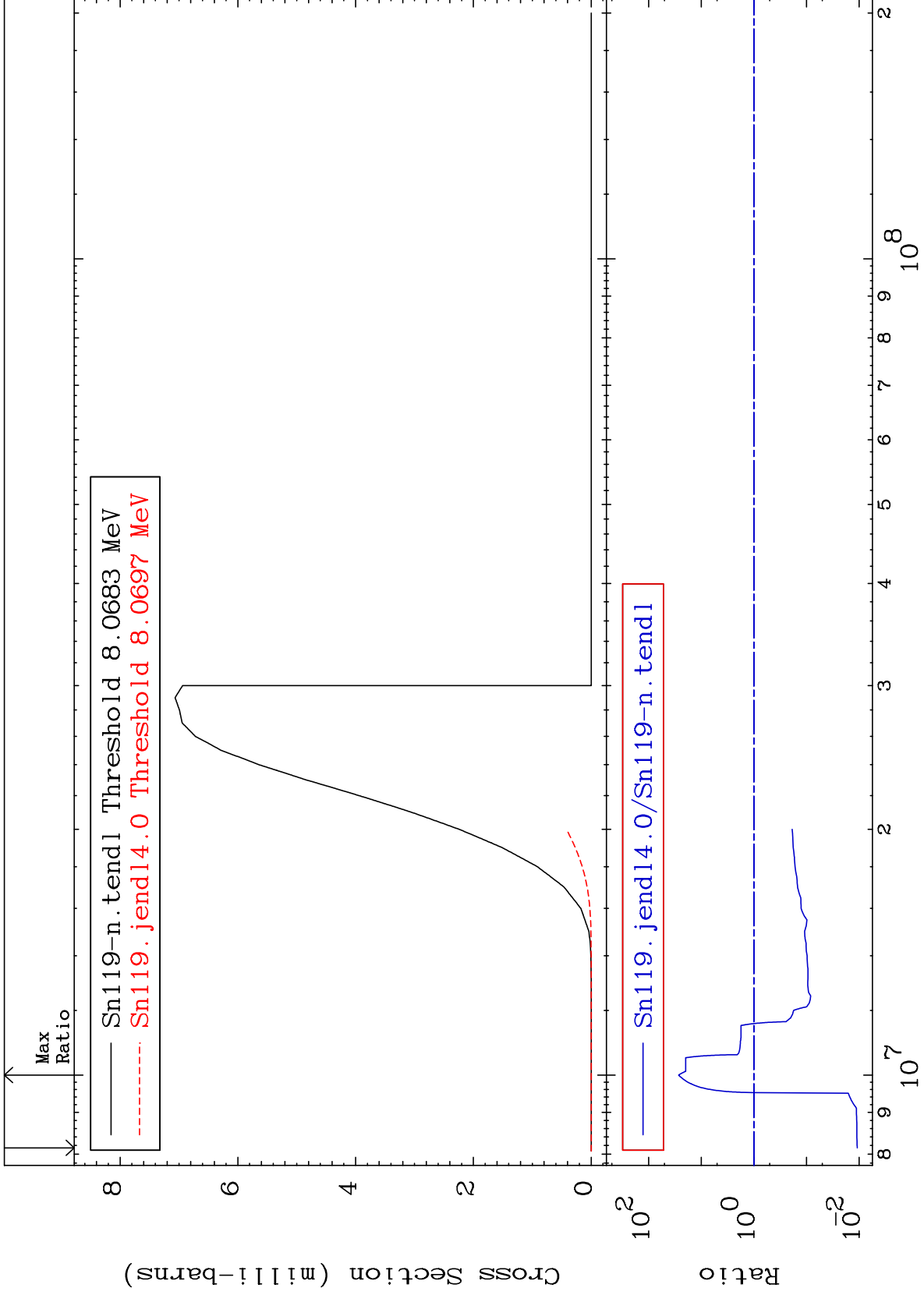
35

50-Sn-119

MAT 5046

(n, t)
Cross Section

50-Sn-119
-98.91 To 2591. %



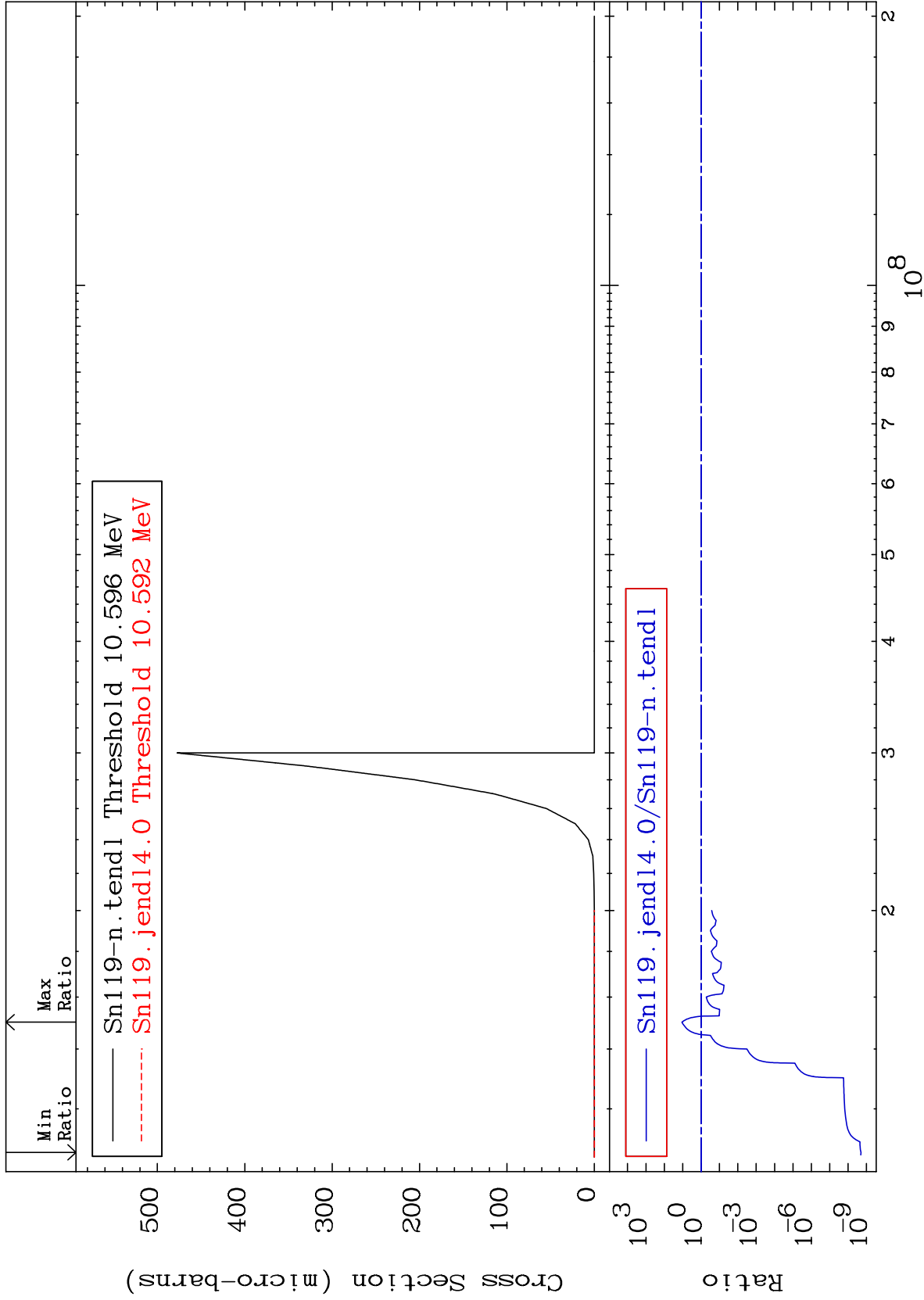
36

Incident Energy (eV)

50-Sn-119

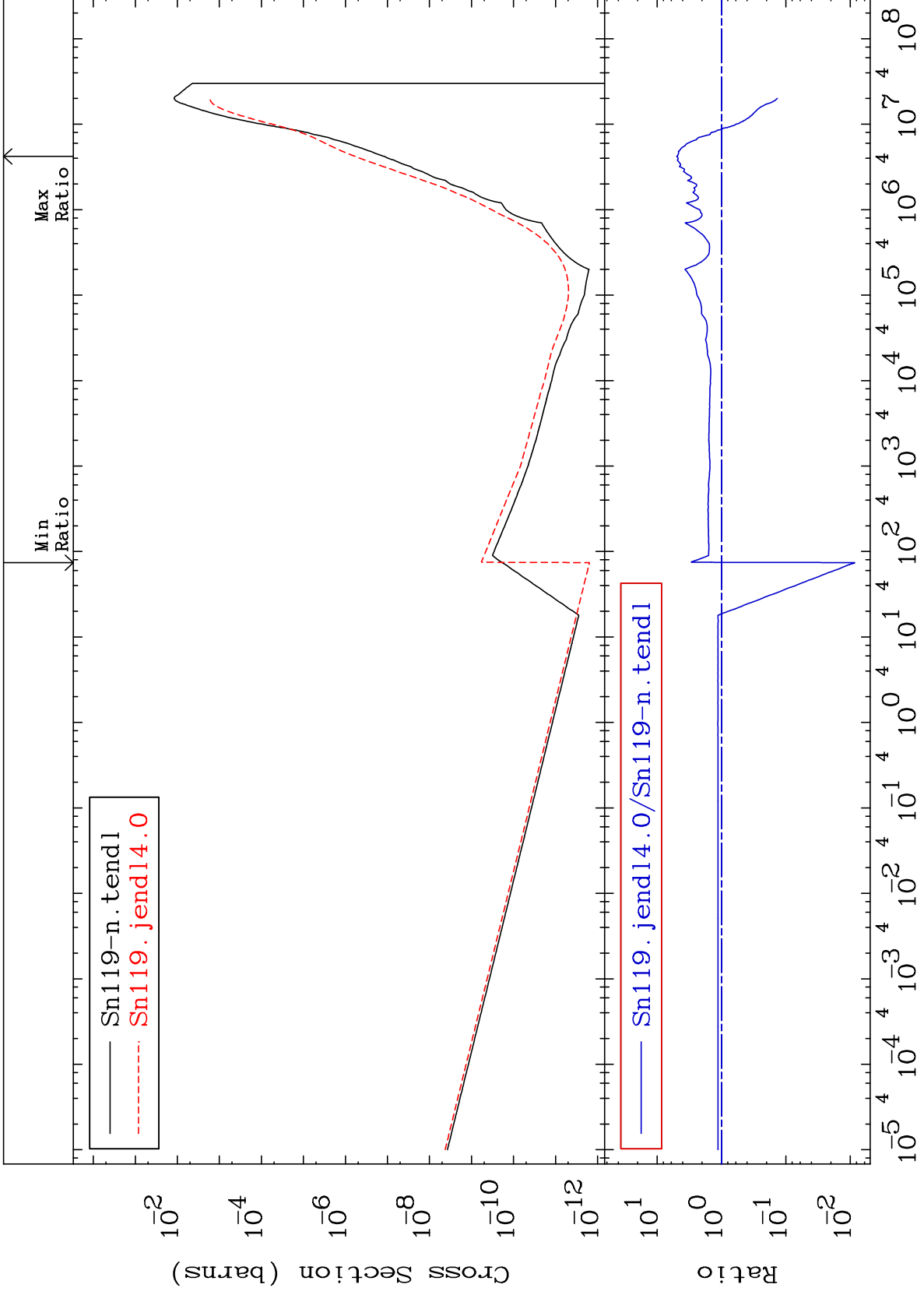
Cross Section

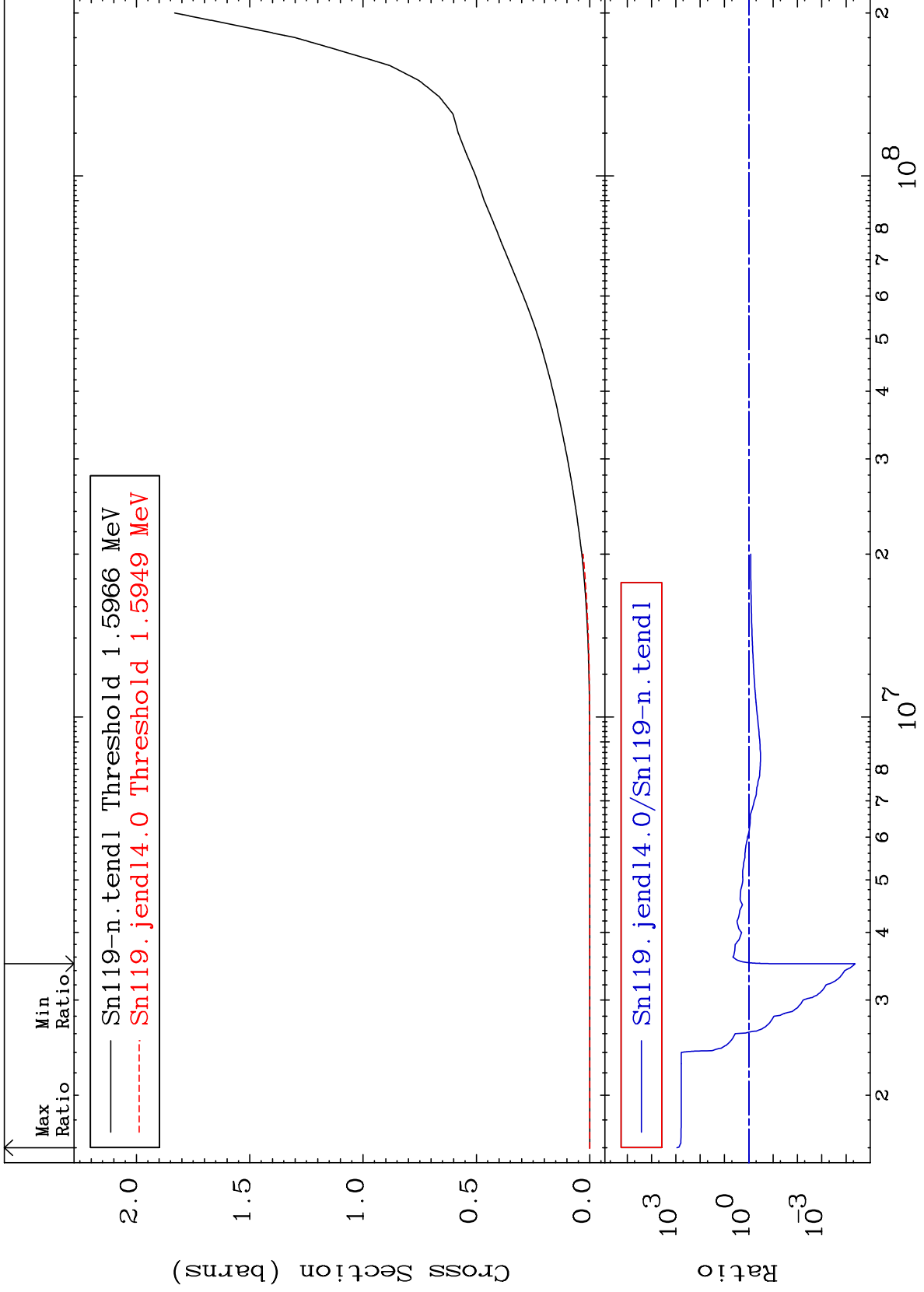
-100.0 To 999.8 %



MAT 5046

(n, α)
Cross Section
50-Sn-119
-99.16 To 395.4 %

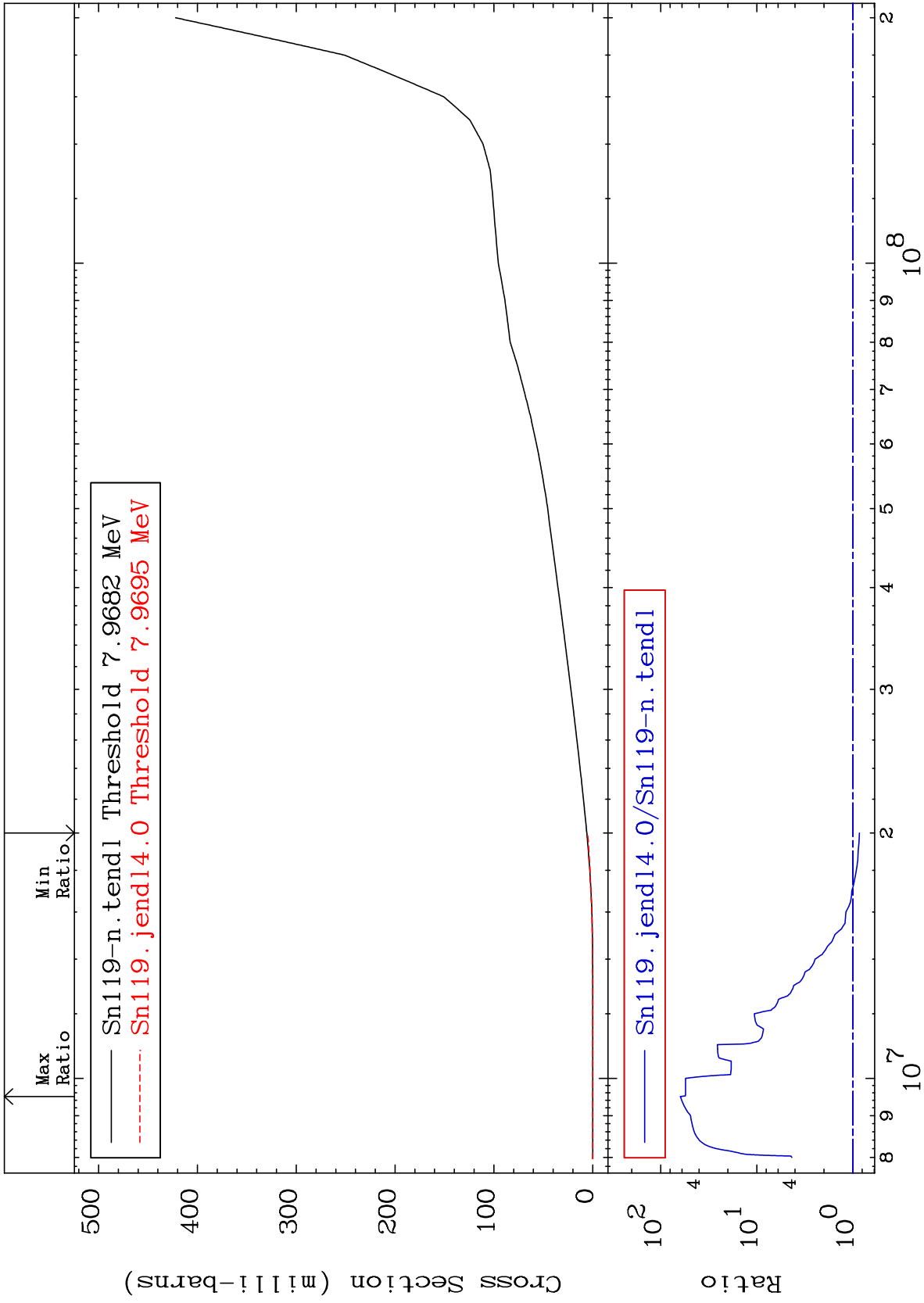




MAT 5046

Deuterium Production
Cross Section

50-Sn-119
-14.48 To 6150. %



40

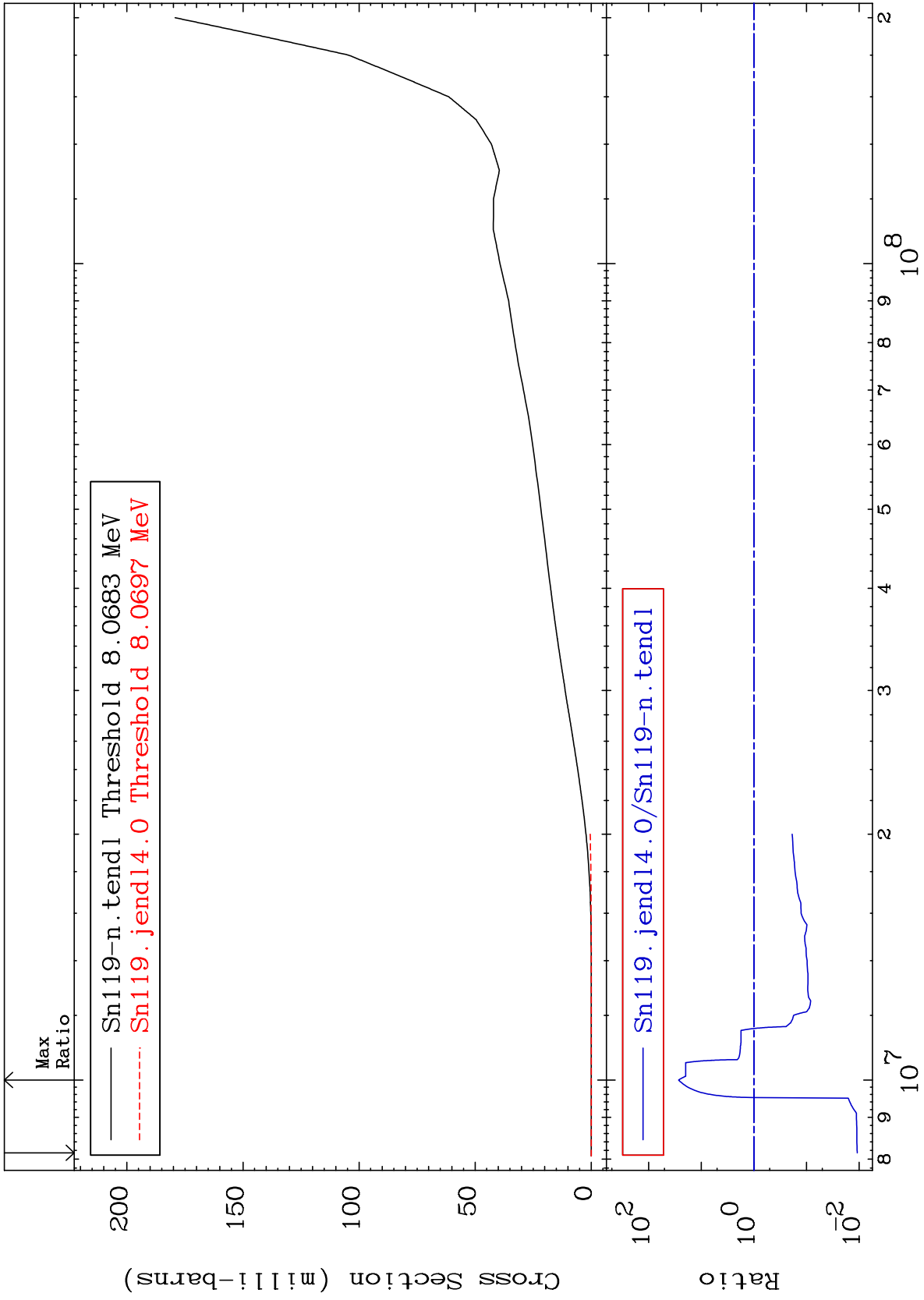
Incident Energy (eV)

50-Sn-119

MAT 5046

Tritium Production
Cross Section

50-Sn-119
-98.91 To 2591. %



41

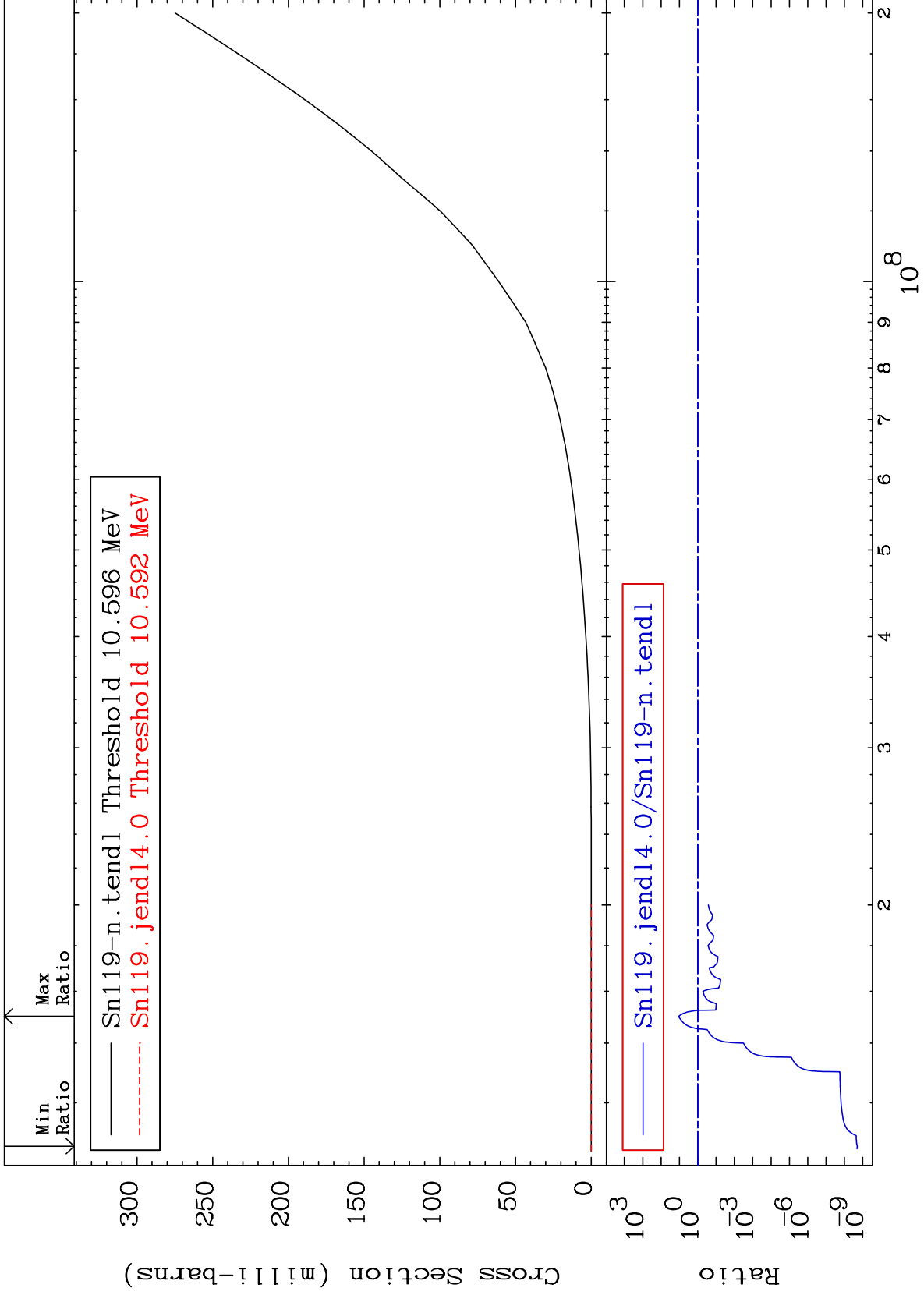
Incident Energy (eV)

50-Sn-119

MAT 5046

He-3 Production
Cross Section

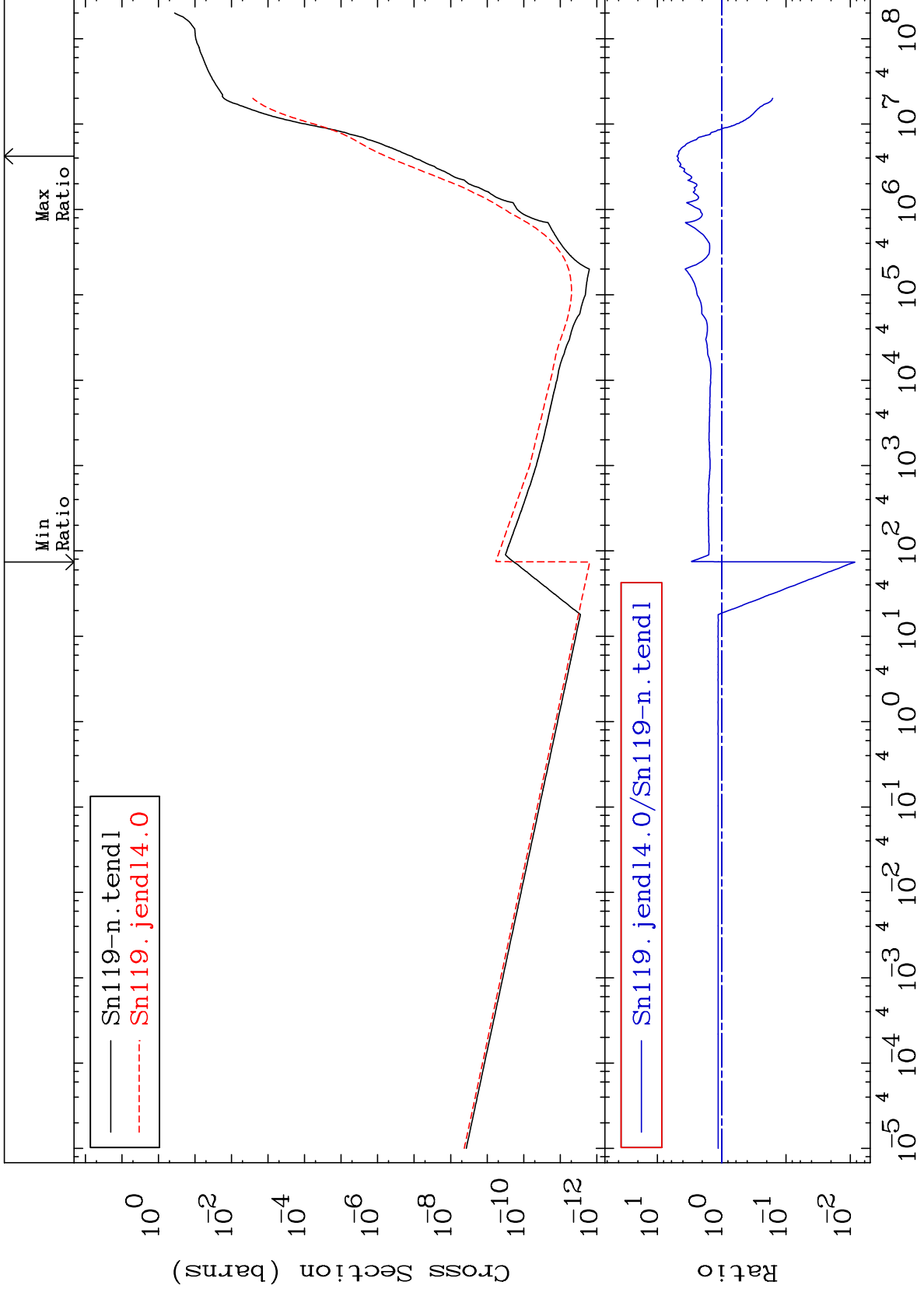
50-Sn-119
-100.0 To 999.8 %

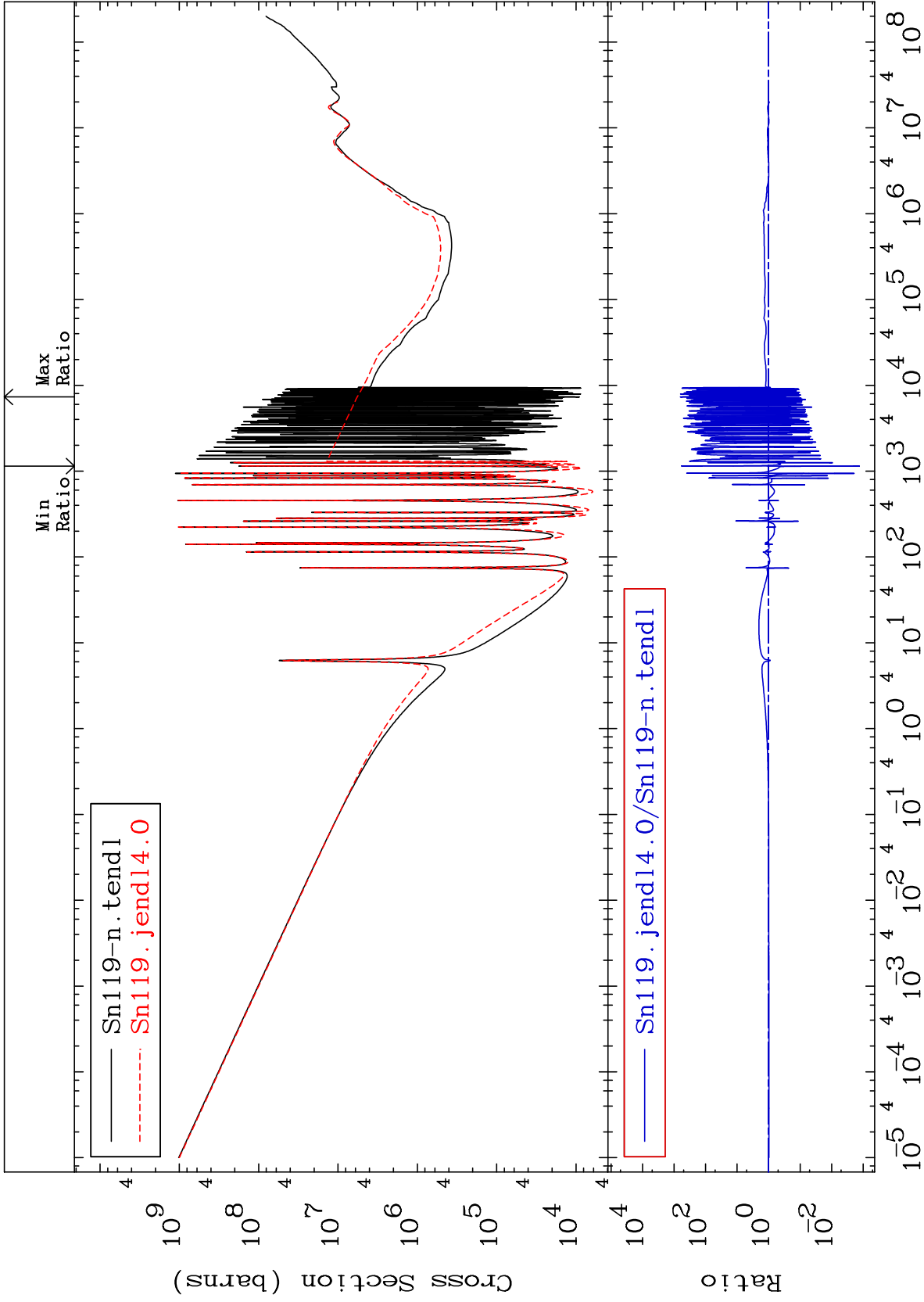


MAT 5046

He-4 Production
Cross Section

50-Sn-119
-99.16 To 395.4 %

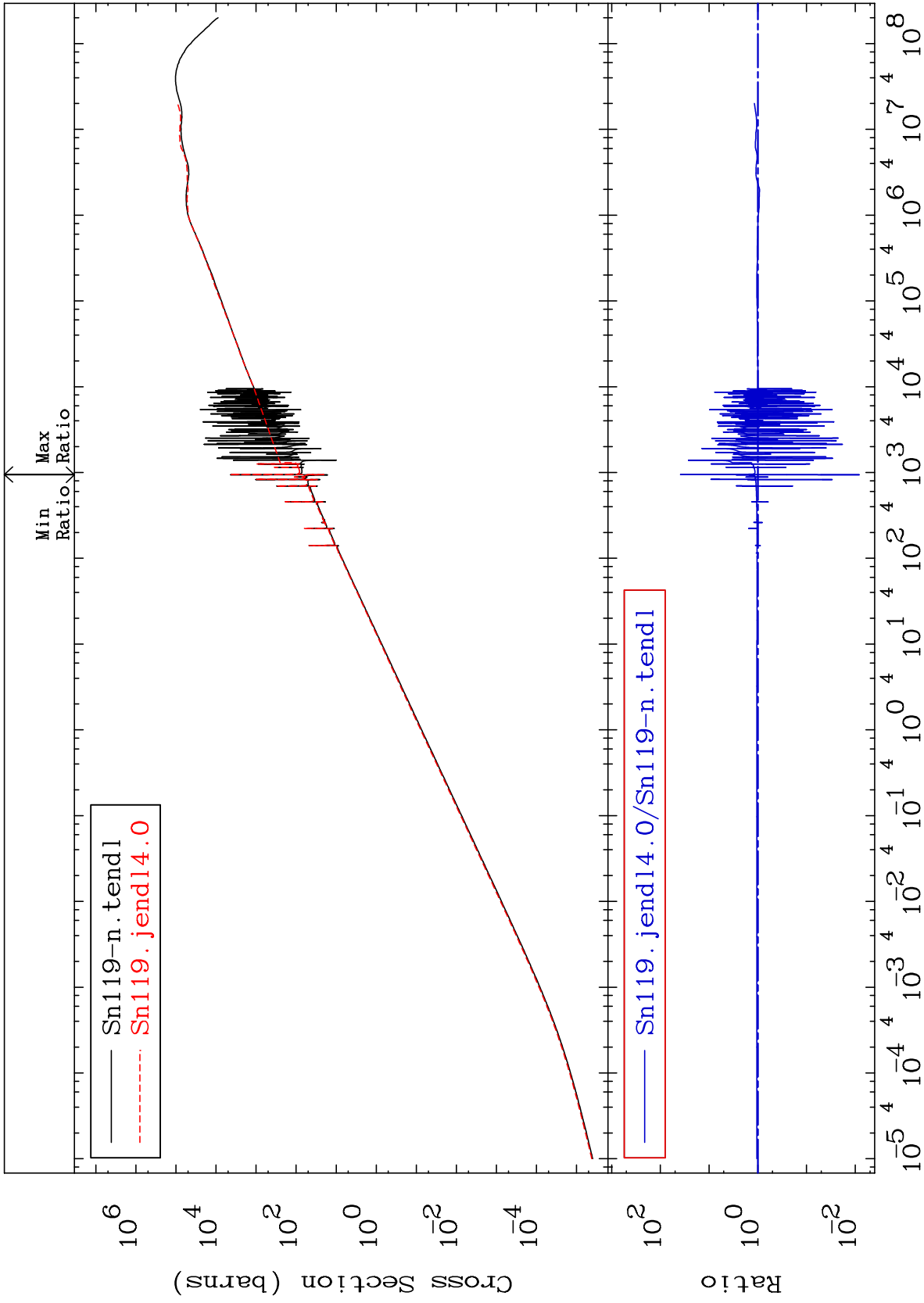




MAT 5046

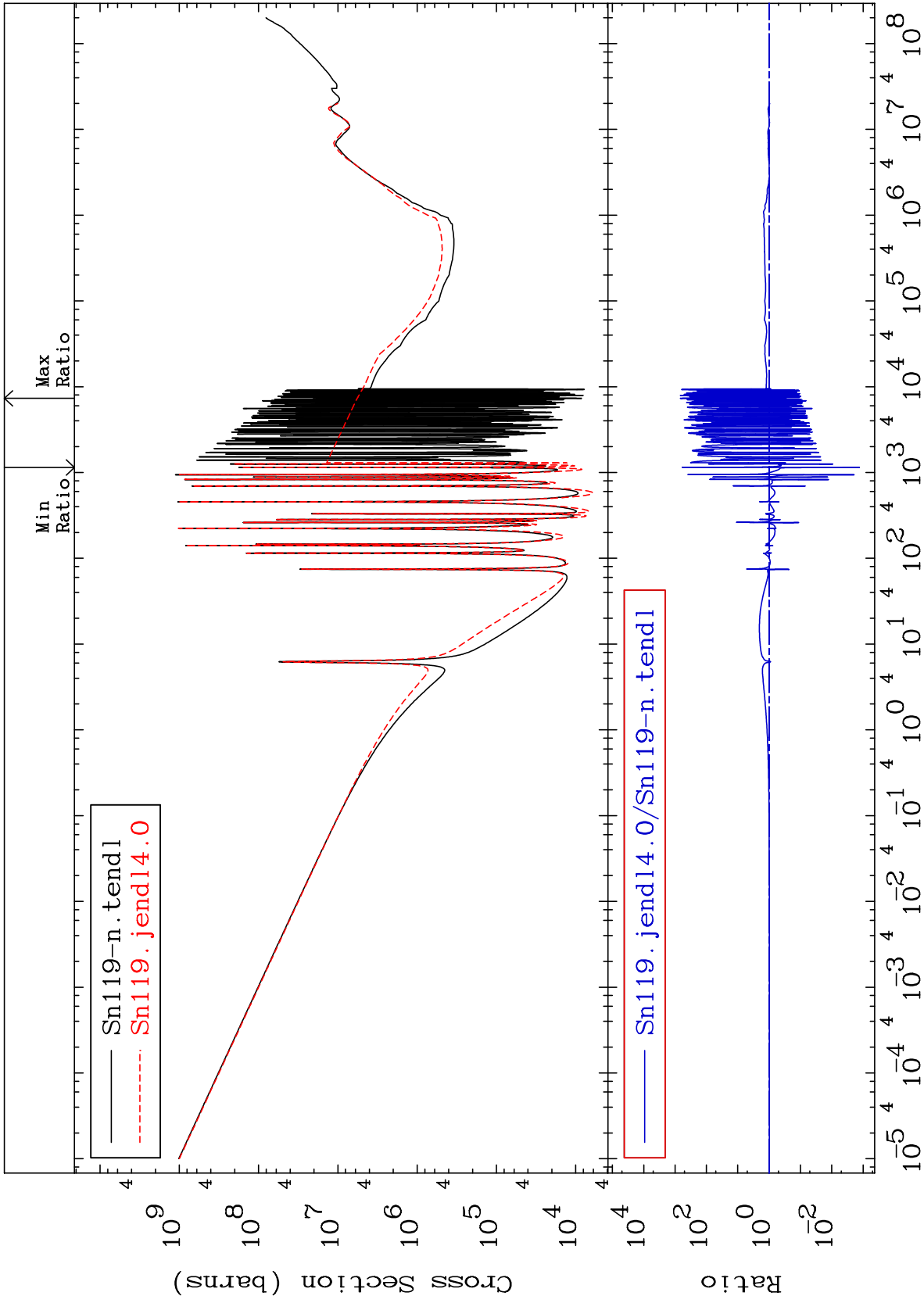
Kerma elastic
Cross Section

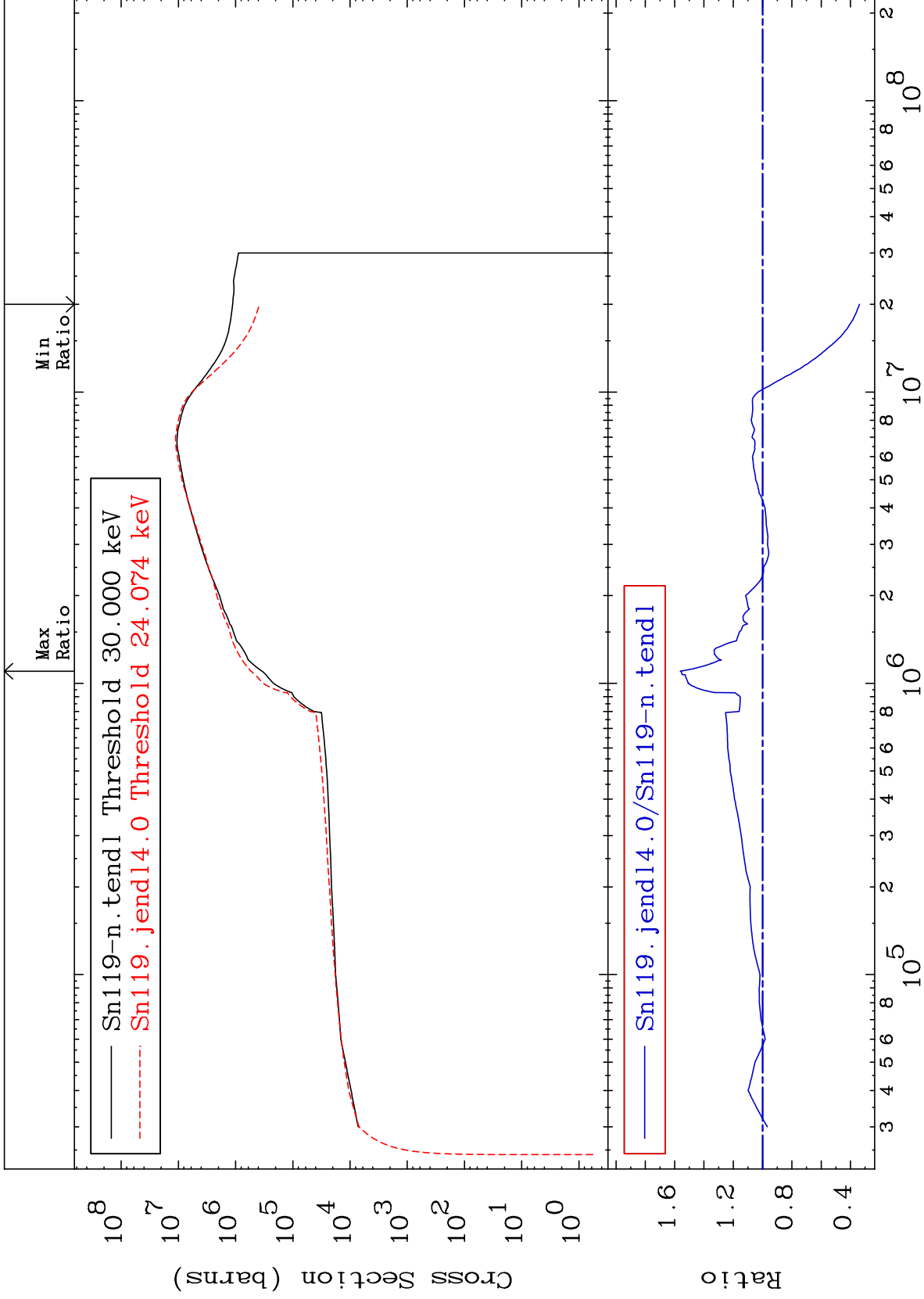
50-Sn-119
-99.18 To 3790. %



45

50-Sn-119

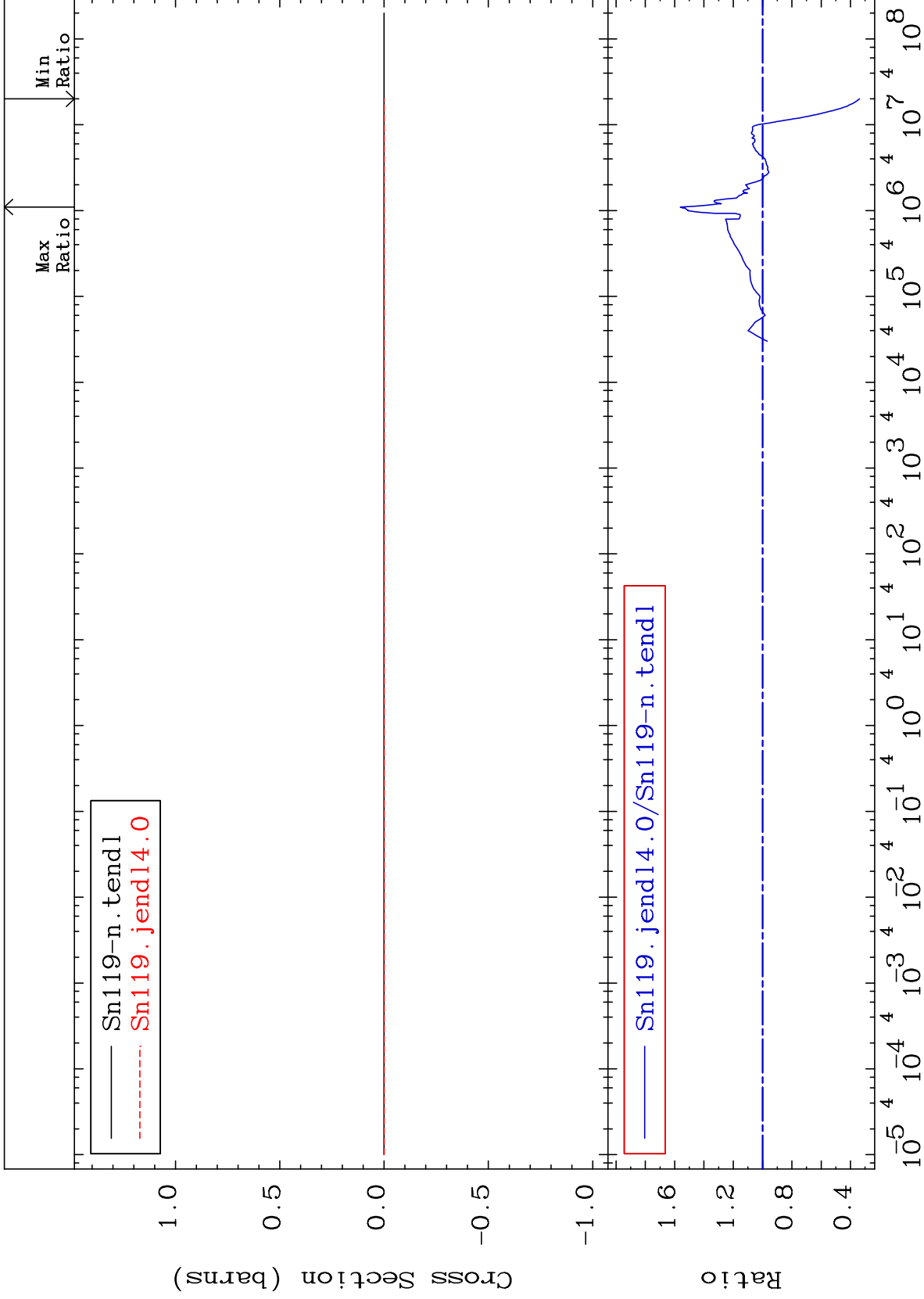


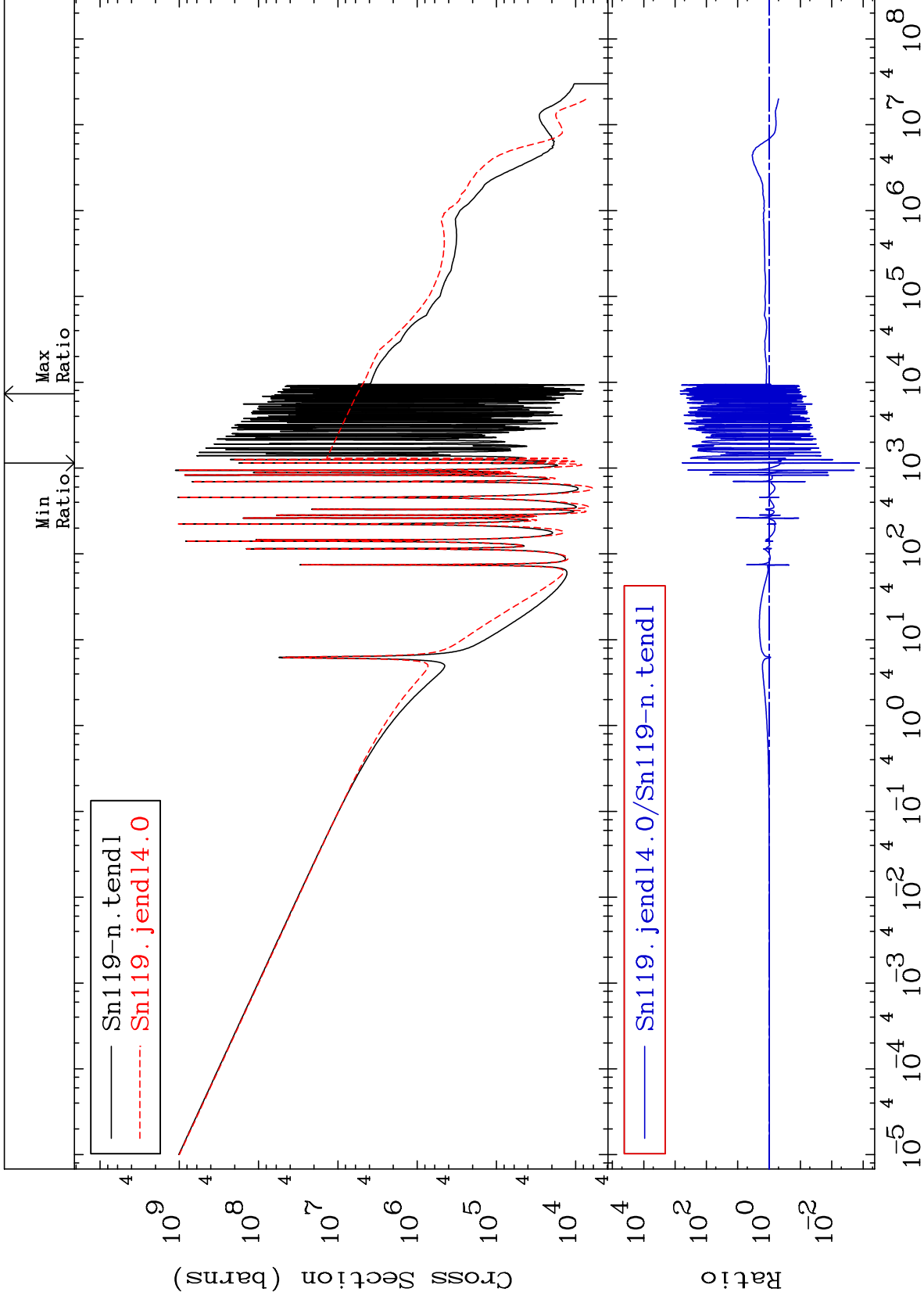


MAT 5046

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

50-Sn-119
-66.09 To 56.11 %

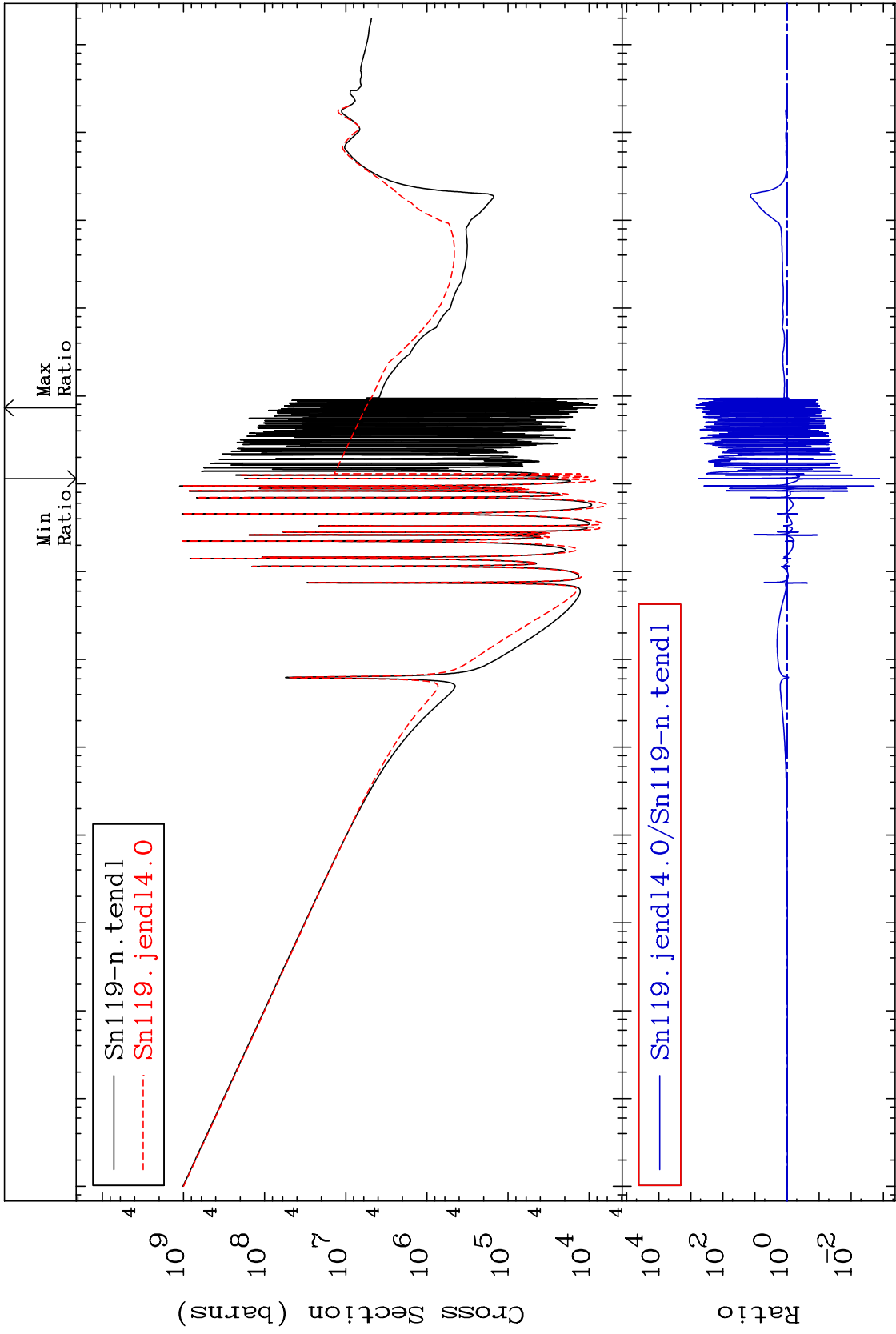




MAT 5046

Total photon (eV-barns)
Cross Section

50-Sn-119
-99.87 To 9999. %



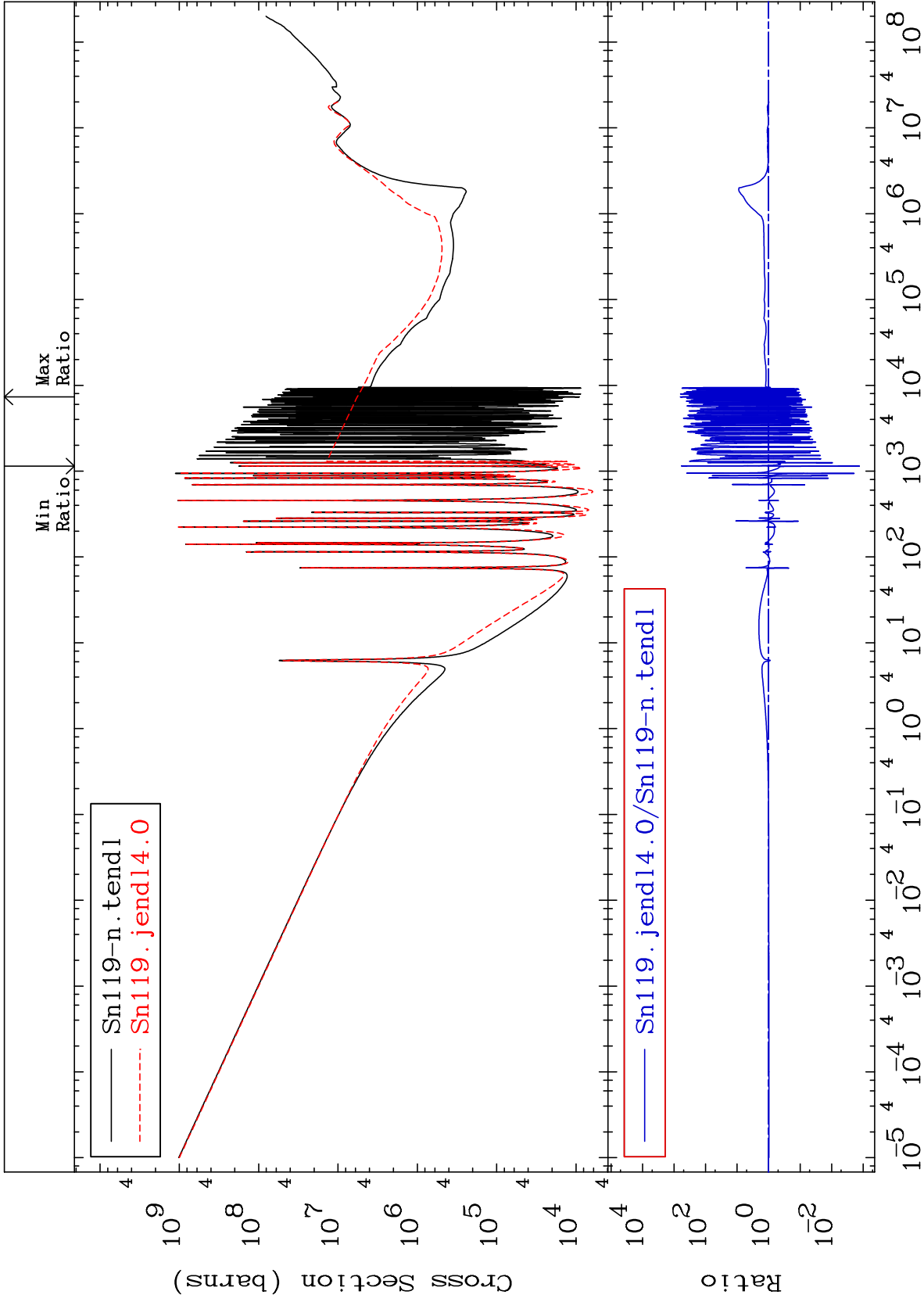
— Sn119-n.tendl
- - - Sn119.jendl4.0

— Sn119.jendl4.0/Sn119-n.tendl

50

Incident Energy (eV)

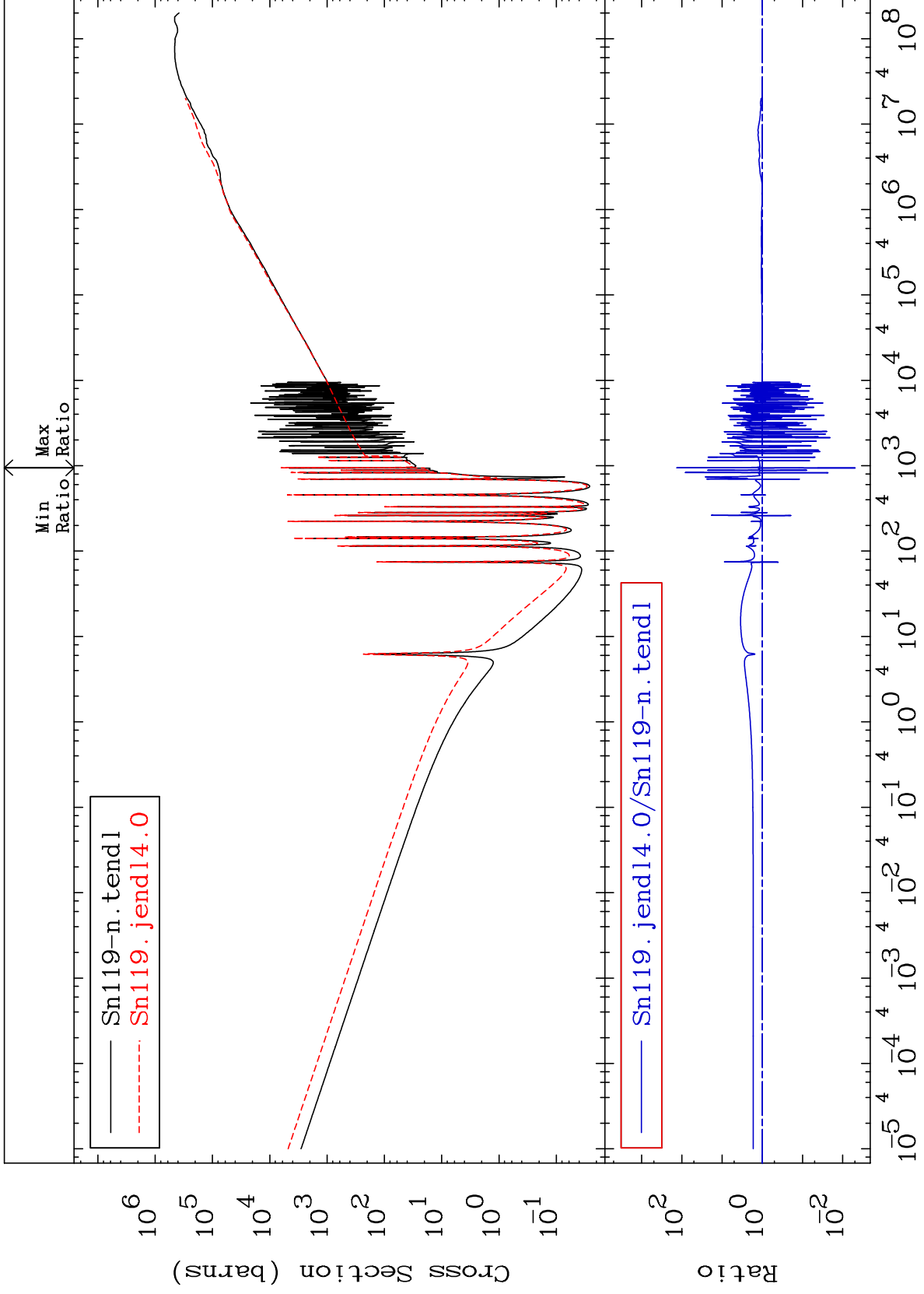
50-Sn-119



MAT 5046

Dpa total (eV-barns)
Cross Section

50-Sn-119
-99.51 To 9999. %



52

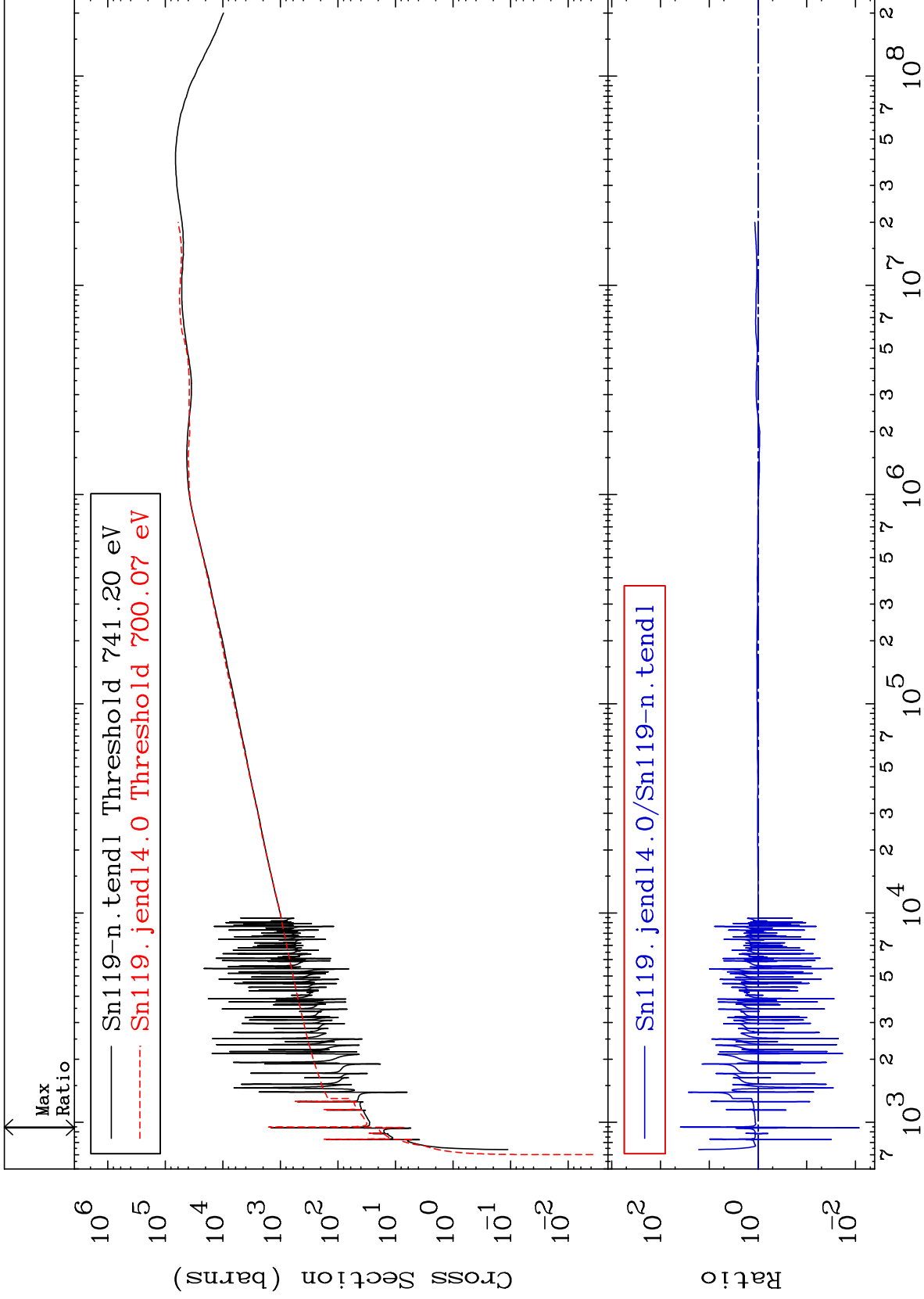
Incident Energy (eV)

50-Sn-119

MAT 5046

Dpa elastic (mt2)
Cross Section

50-Sn-119
-99.17 To 3806. %



MAT 5046

Dpa inelastic (mt51-91)
Cross Section

50-Sn-119
-3.245 To 108.5 %

