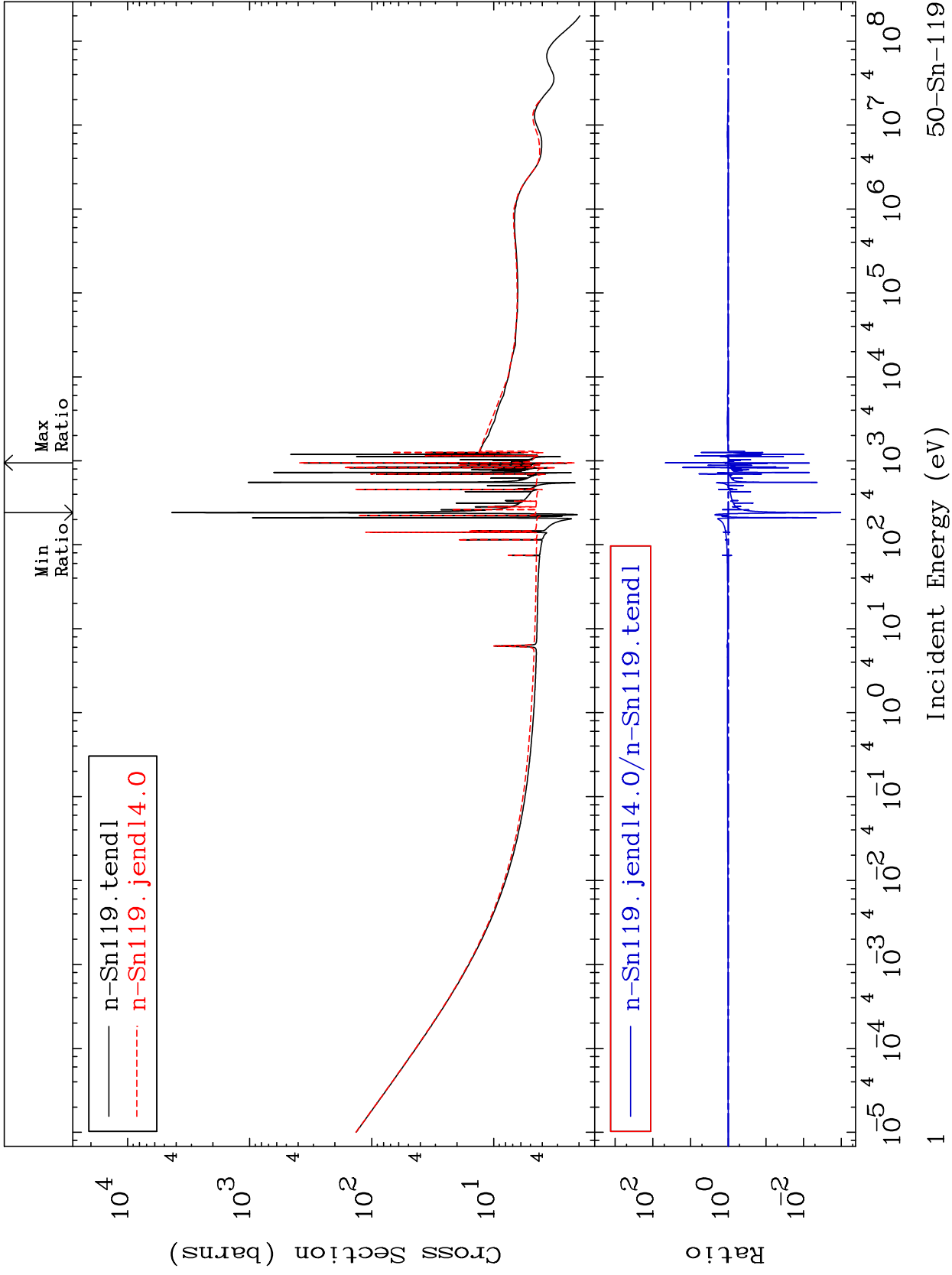


MAT 5046

Total
Cross Section

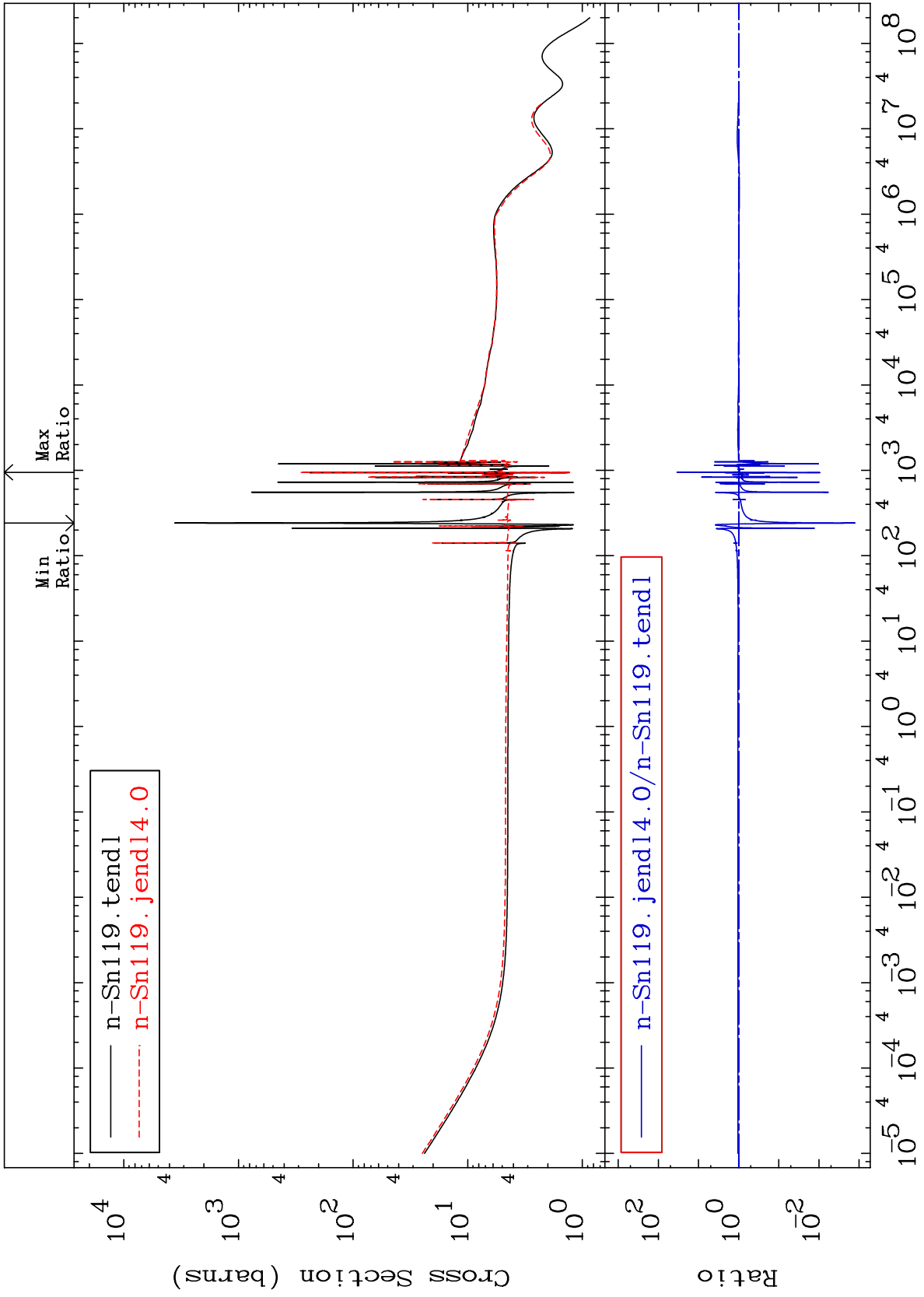
50-Sn-119
-99.90 To 4520. %



MAT 5046

Elastic
Cross Section

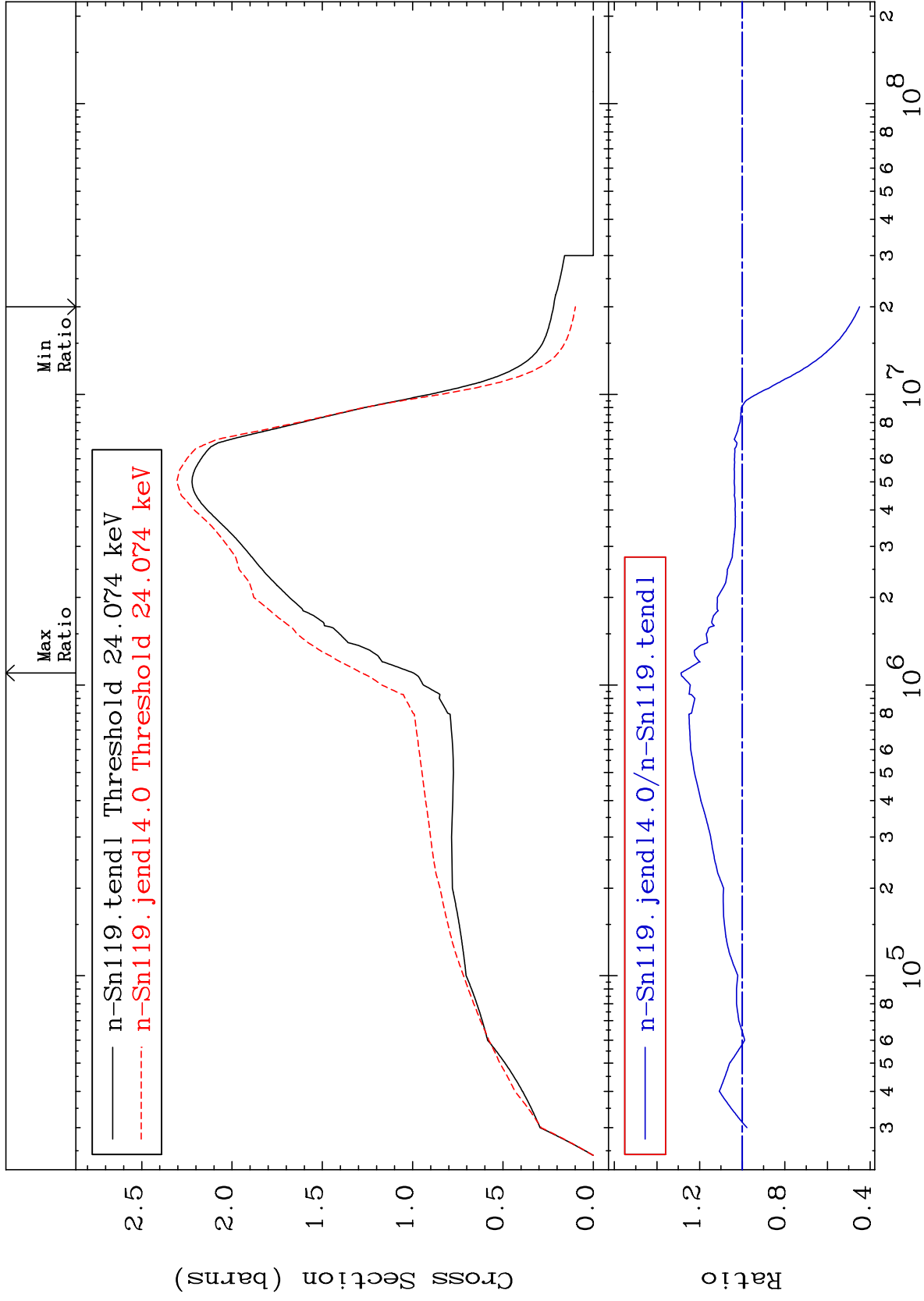
50-Sn-119
-99.87 To 3353. %



MAT 5046

Inelastic
Cross Section

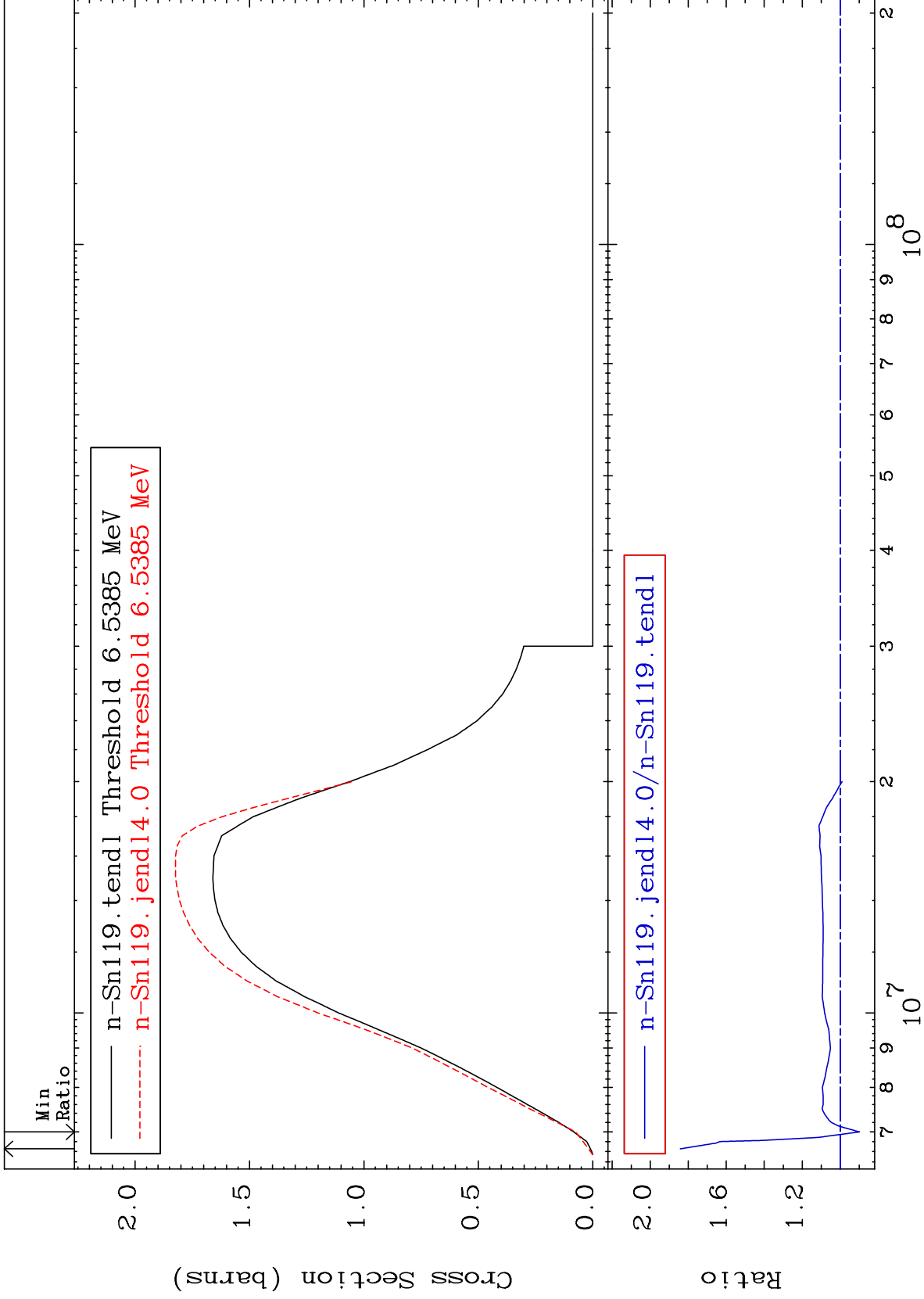
50-Sn-119
-55.04 To 28.85 %



MAT 5046

(n,2n)
Cross Section

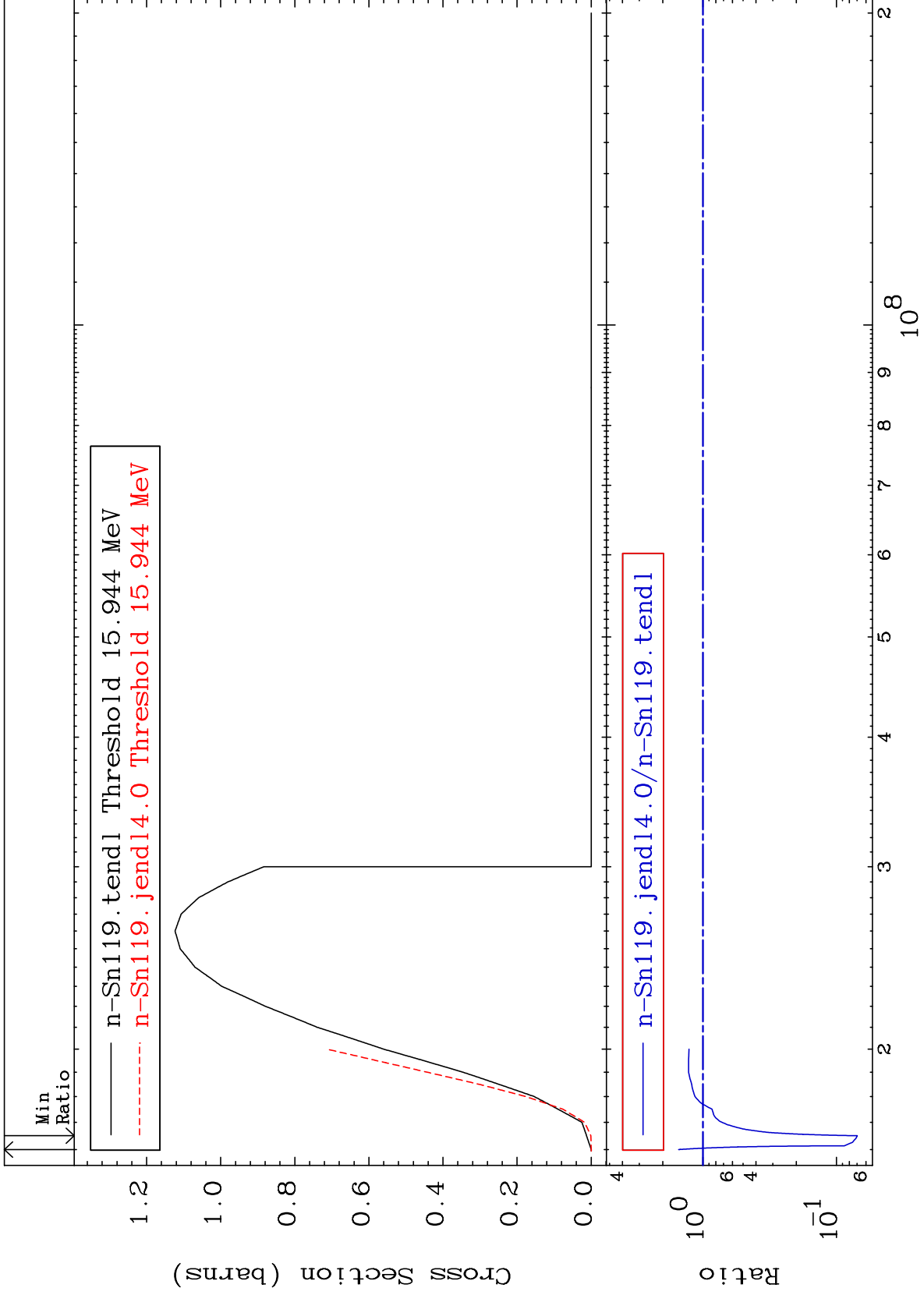
50-Sn-119
-10.11 To 84.14 %



4

50-Sn-119

50-Sn-119



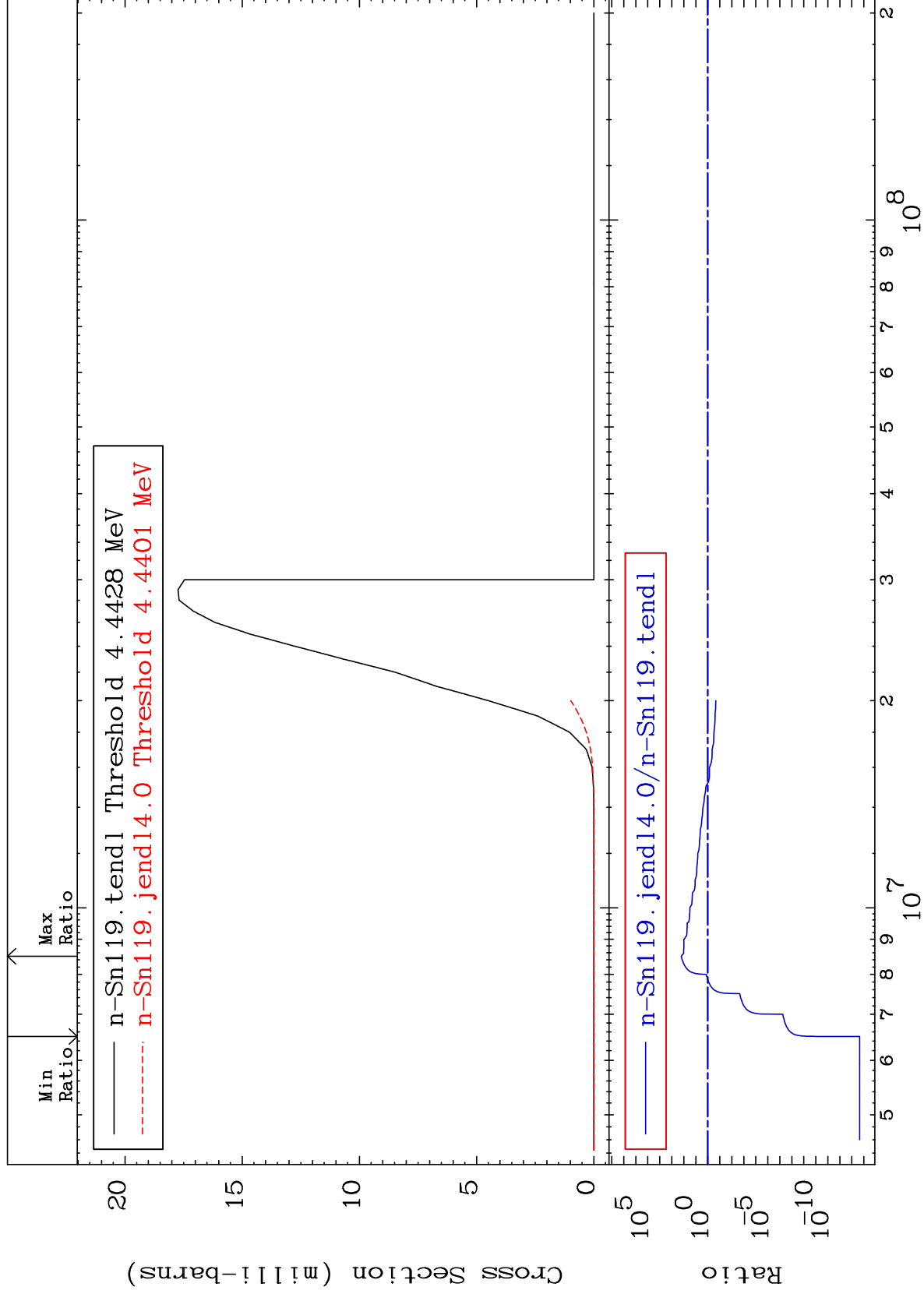
MAT 5046

(n,n') α

50-Sn-119

Cross Section

-100.0 To 9999. %



6

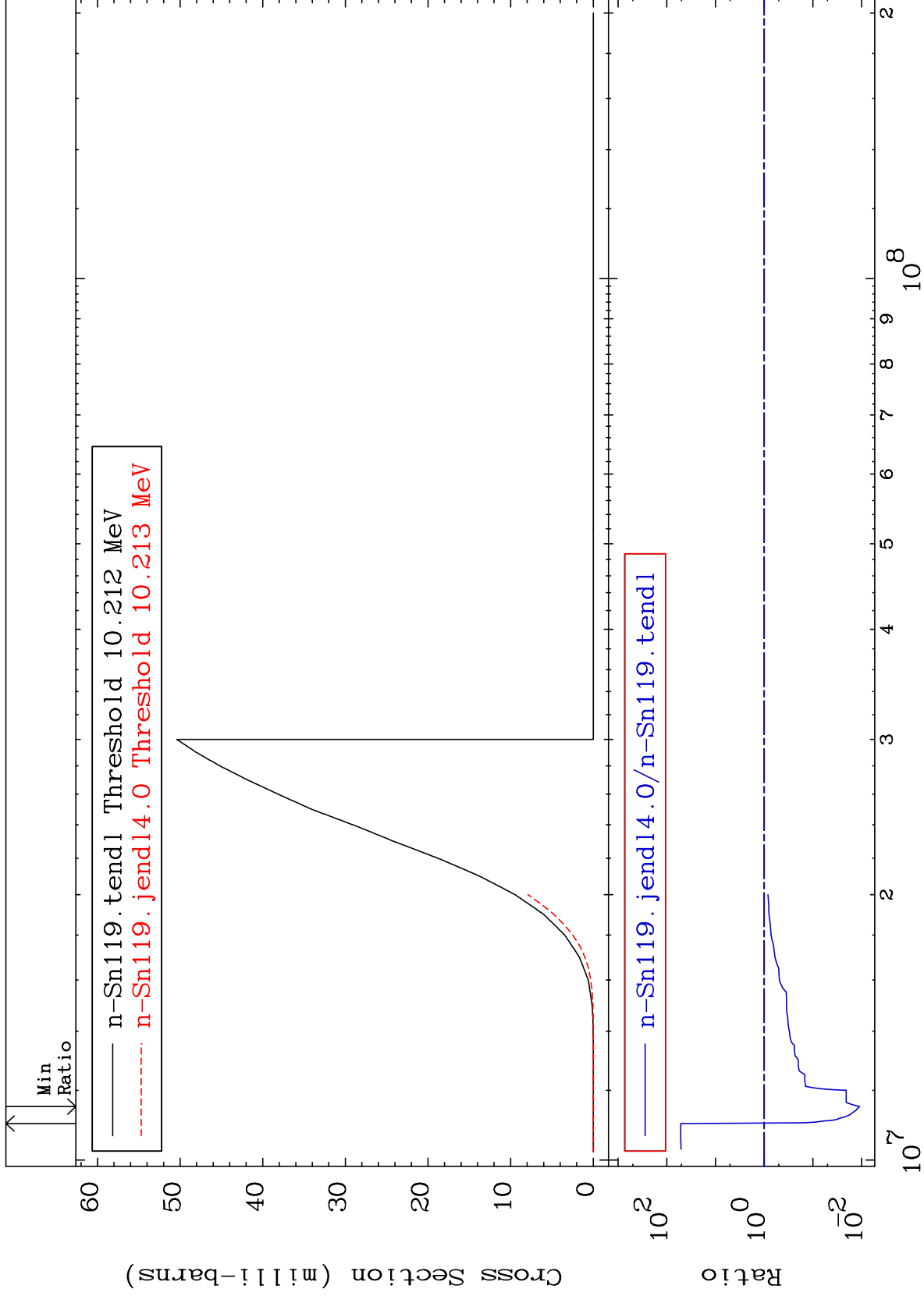
Incident Energy (eV)

50-Sn-119

MAT 5046

(n,n') p
Cross Section

50-Sn-119
-98.90 To 5062. %



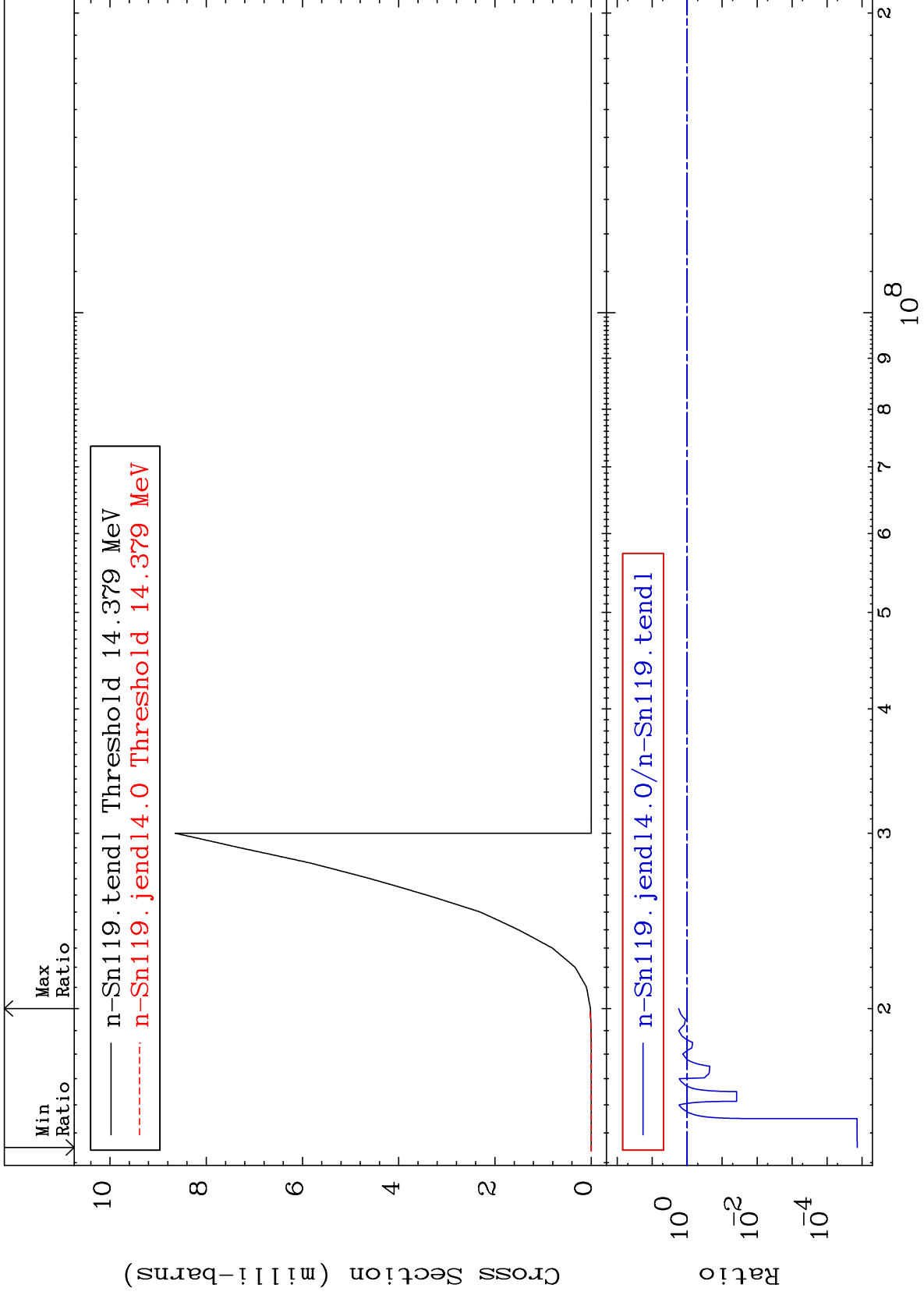
Incident Energy (eV)

50-Sn-119

MAT 5046

(n,n') d
Cross Section

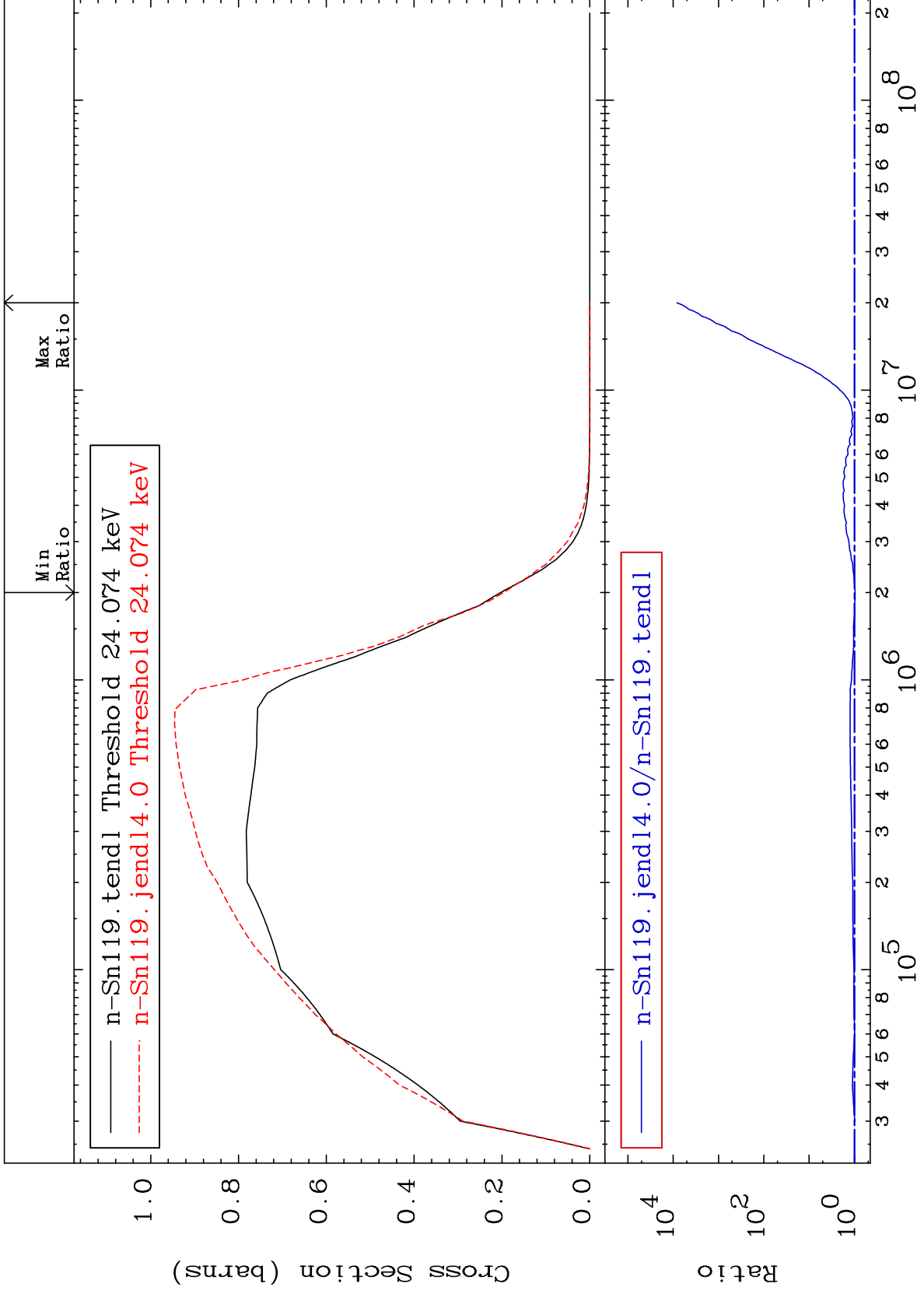
50-Sn-119
-100.0 To 75.86 %



MAT 5046

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

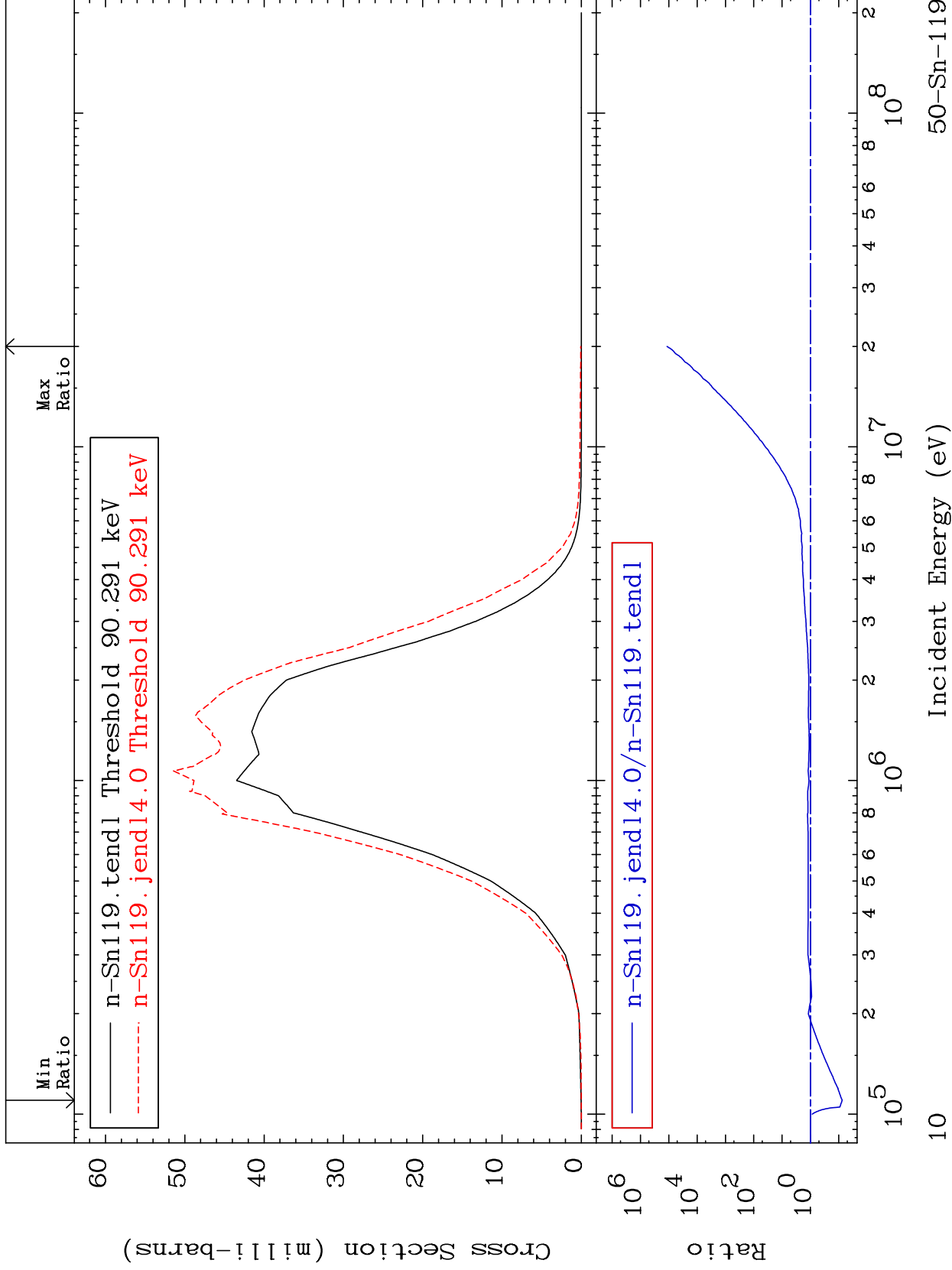
50-Sn-119
-3.328 To 9999. %



MAT 5046

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

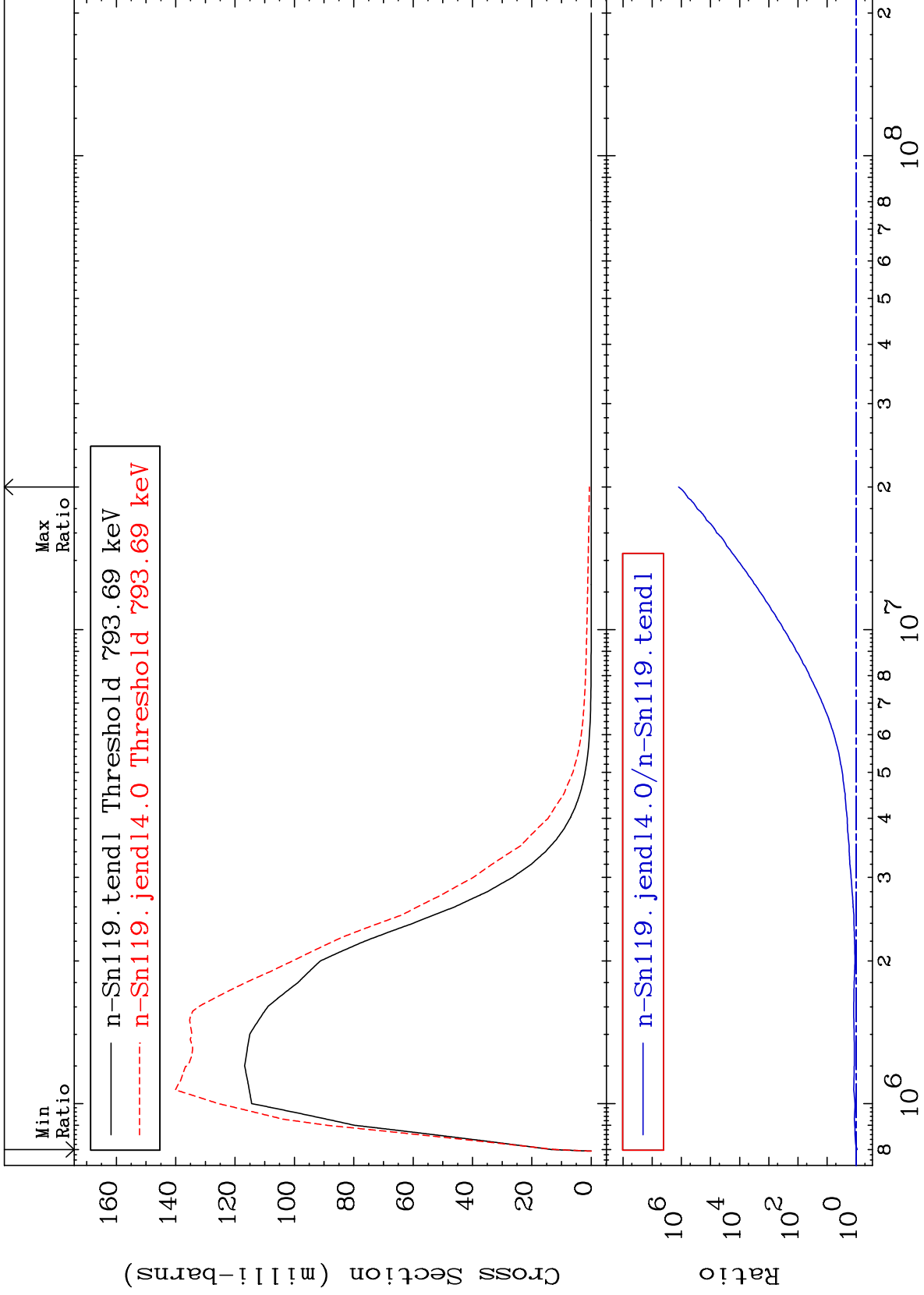
50-Sn-119
-92.41 To 9999. %



MAT 5046

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

50-Sn-119
-7.908 To 9999. %



11

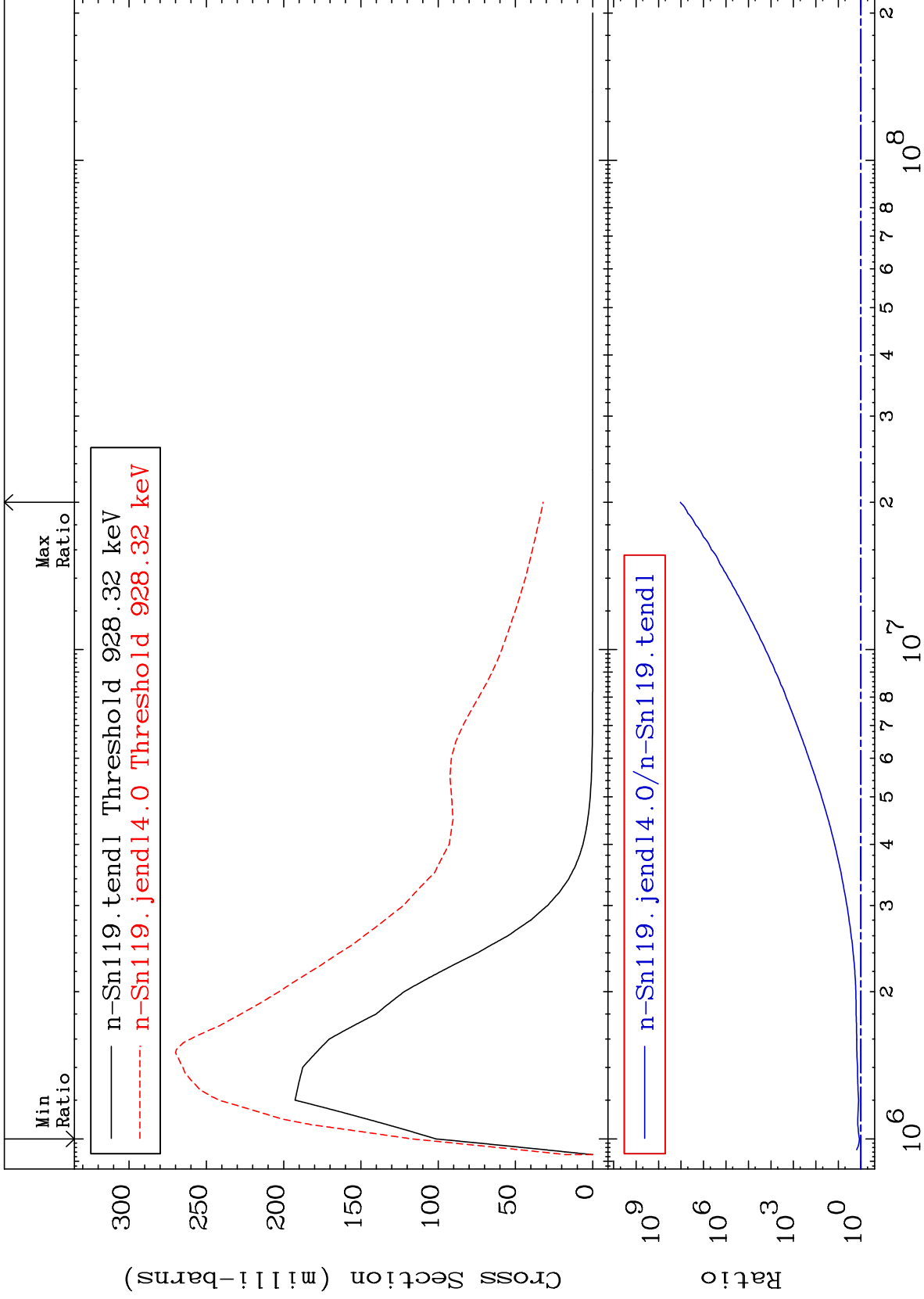
Incident Energy (eV)

50-Sn-119

MAT 5046

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

50-Sn-119
15.51 To 9999. %



12

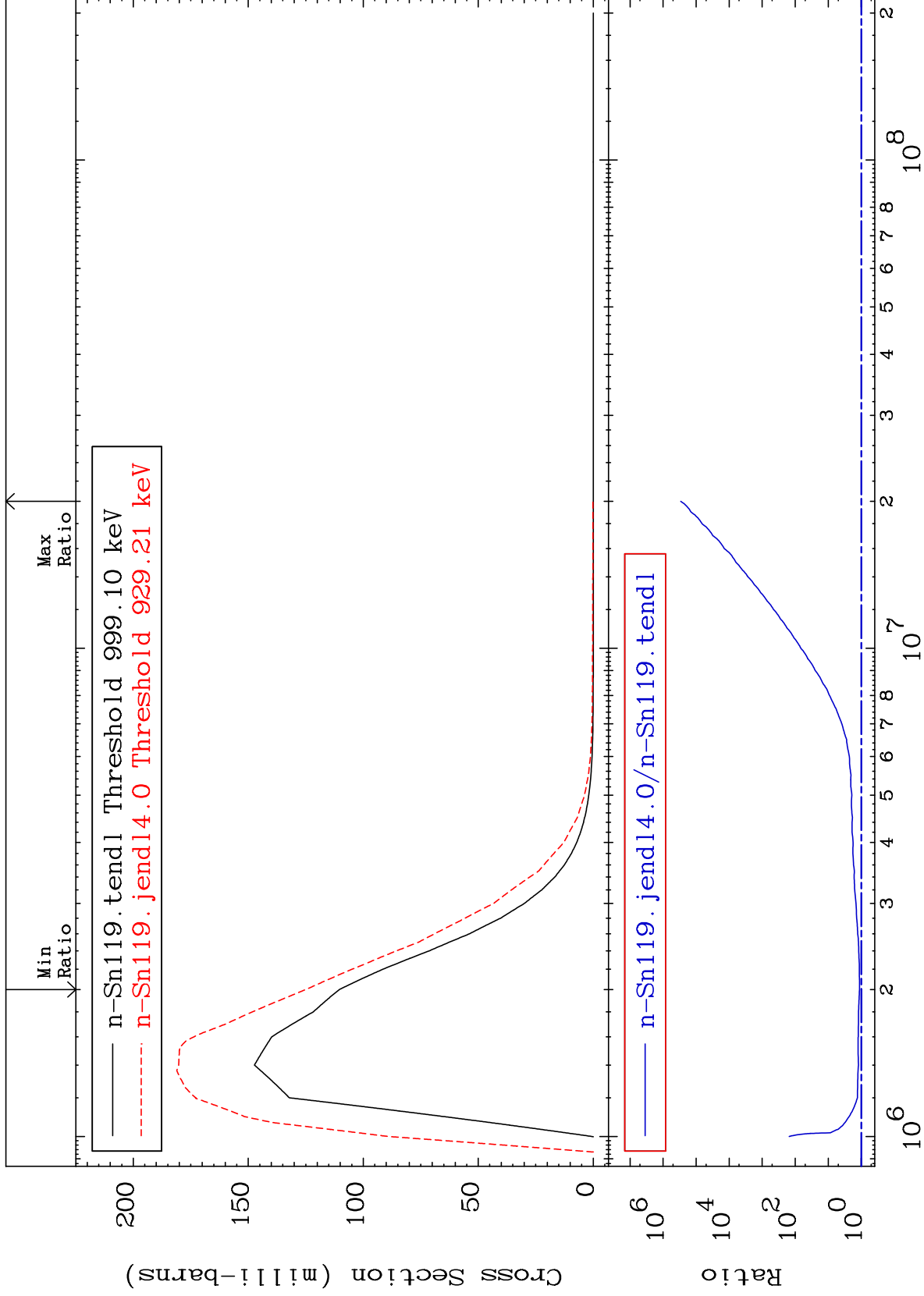
Incident Energy (eV)

50-Sn-119

MAT 5046

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

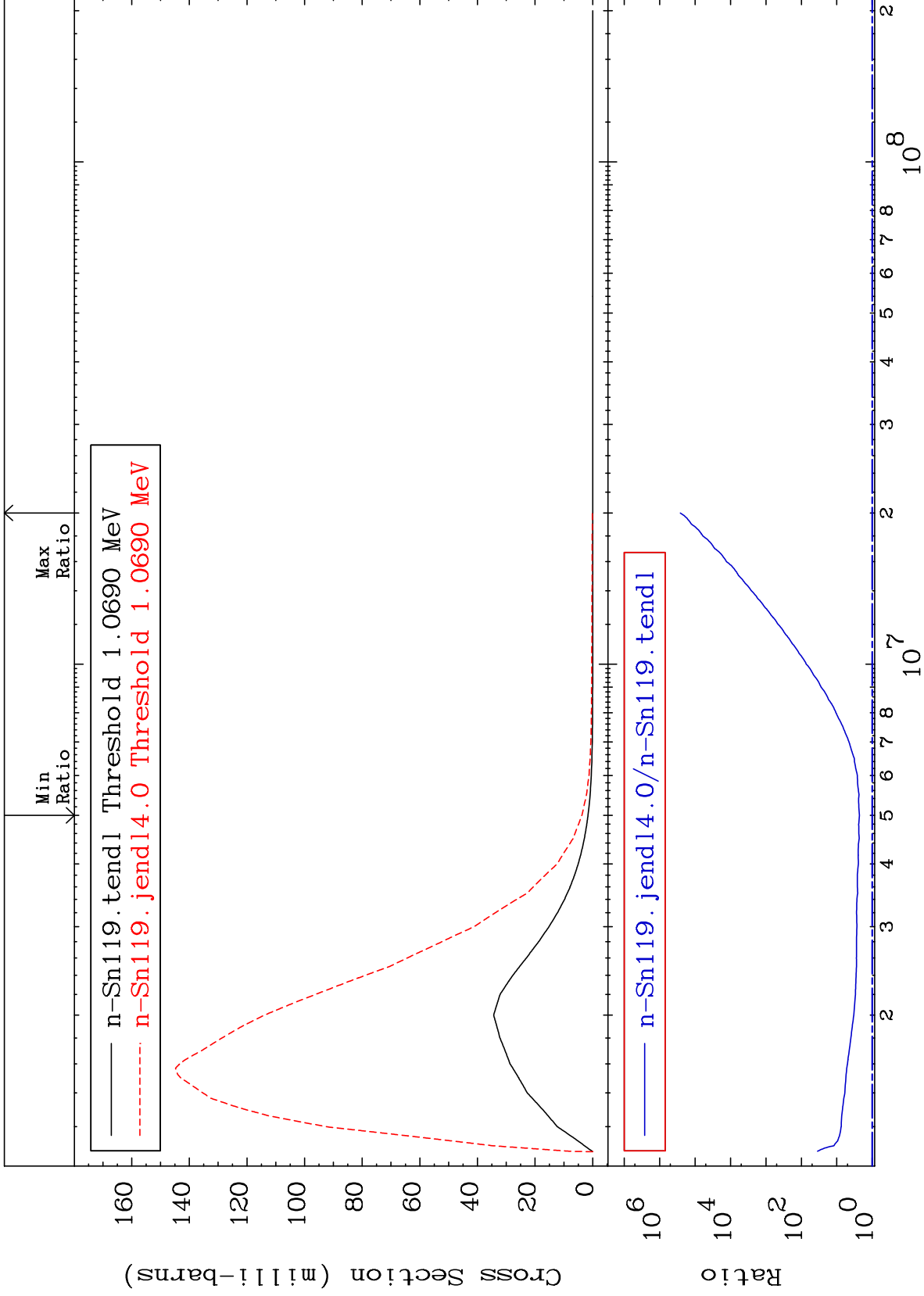
50-Sn-119
13.09 To 9999. %



MAT 5046

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

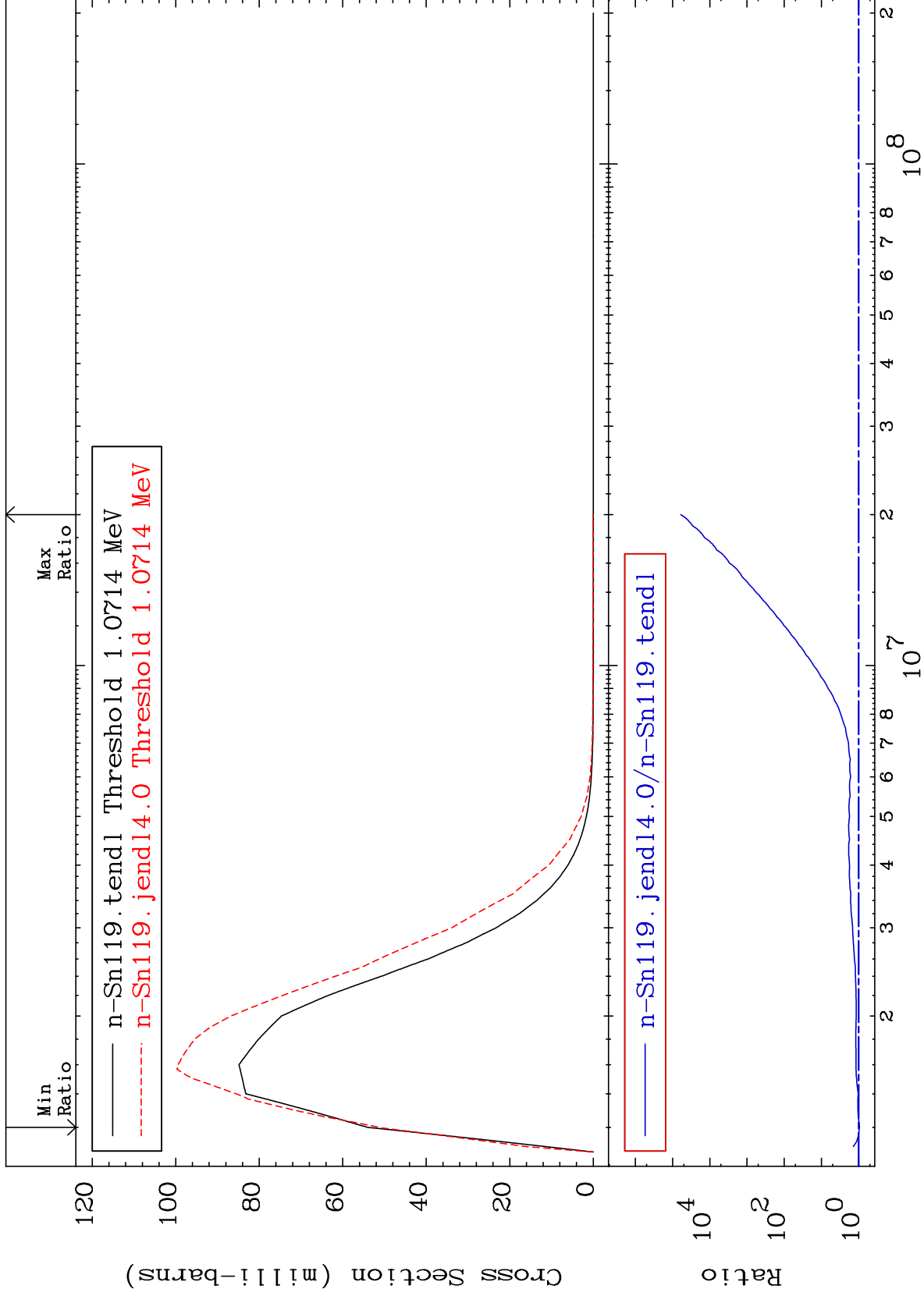
50-Sn-119
129.8 To 9999. %



MAT 5046

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

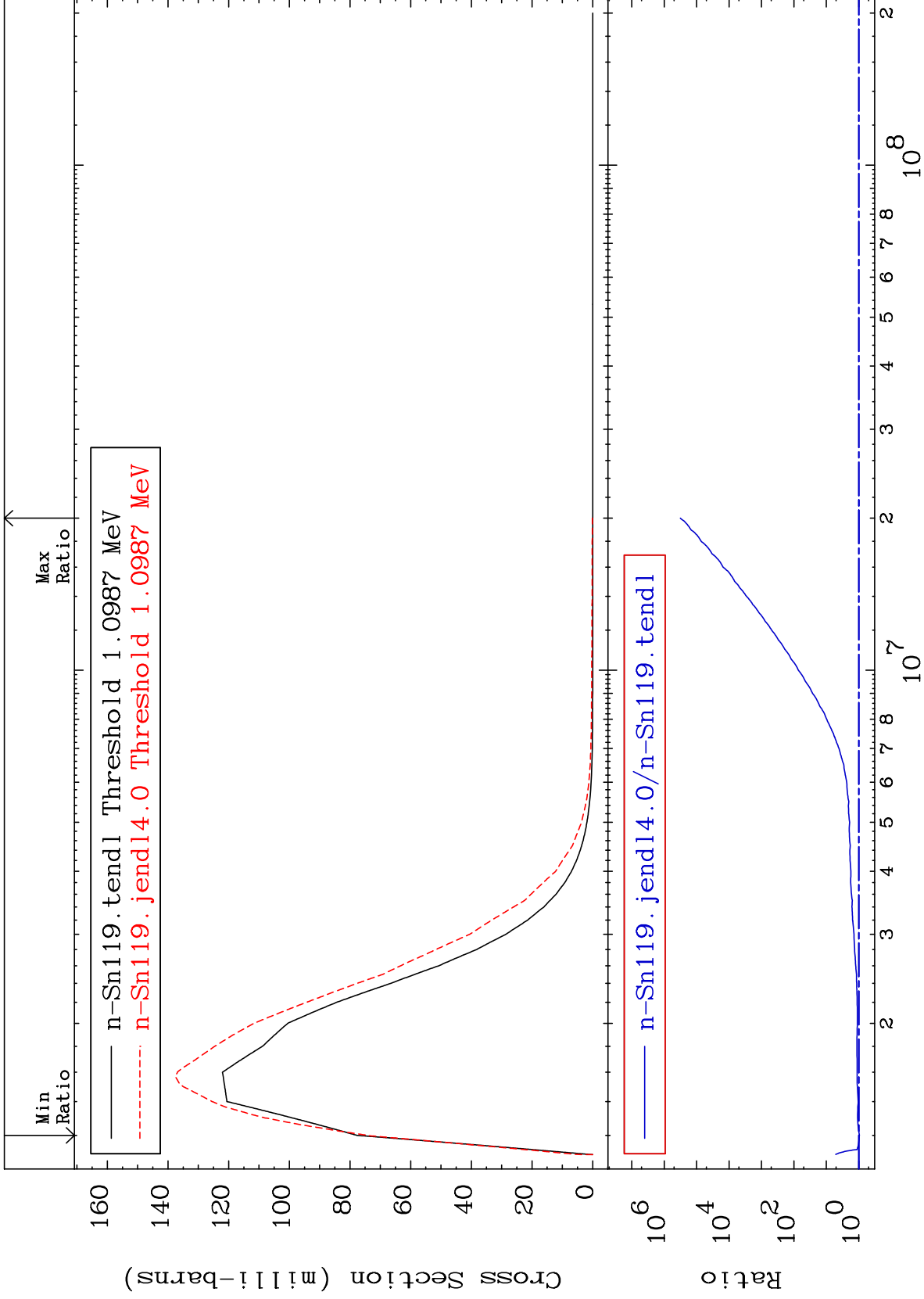
50-Sn-119
-5.404 To 9999. %



MAT 5046

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

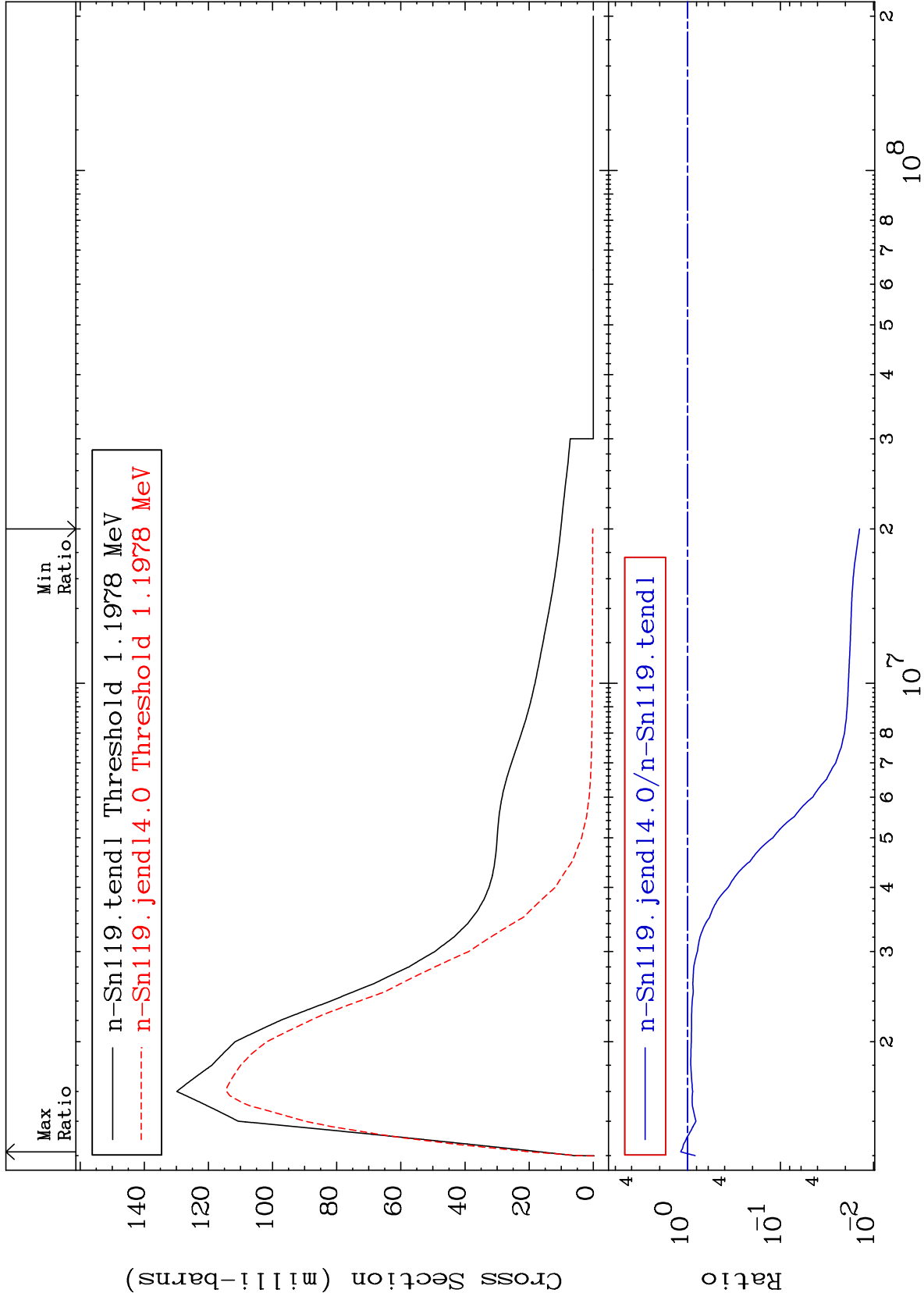
50-Sn-119
-4.439 To 9999. %



MAT 5046

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

50-Sn-119
-98.59 To 18.39 %



17

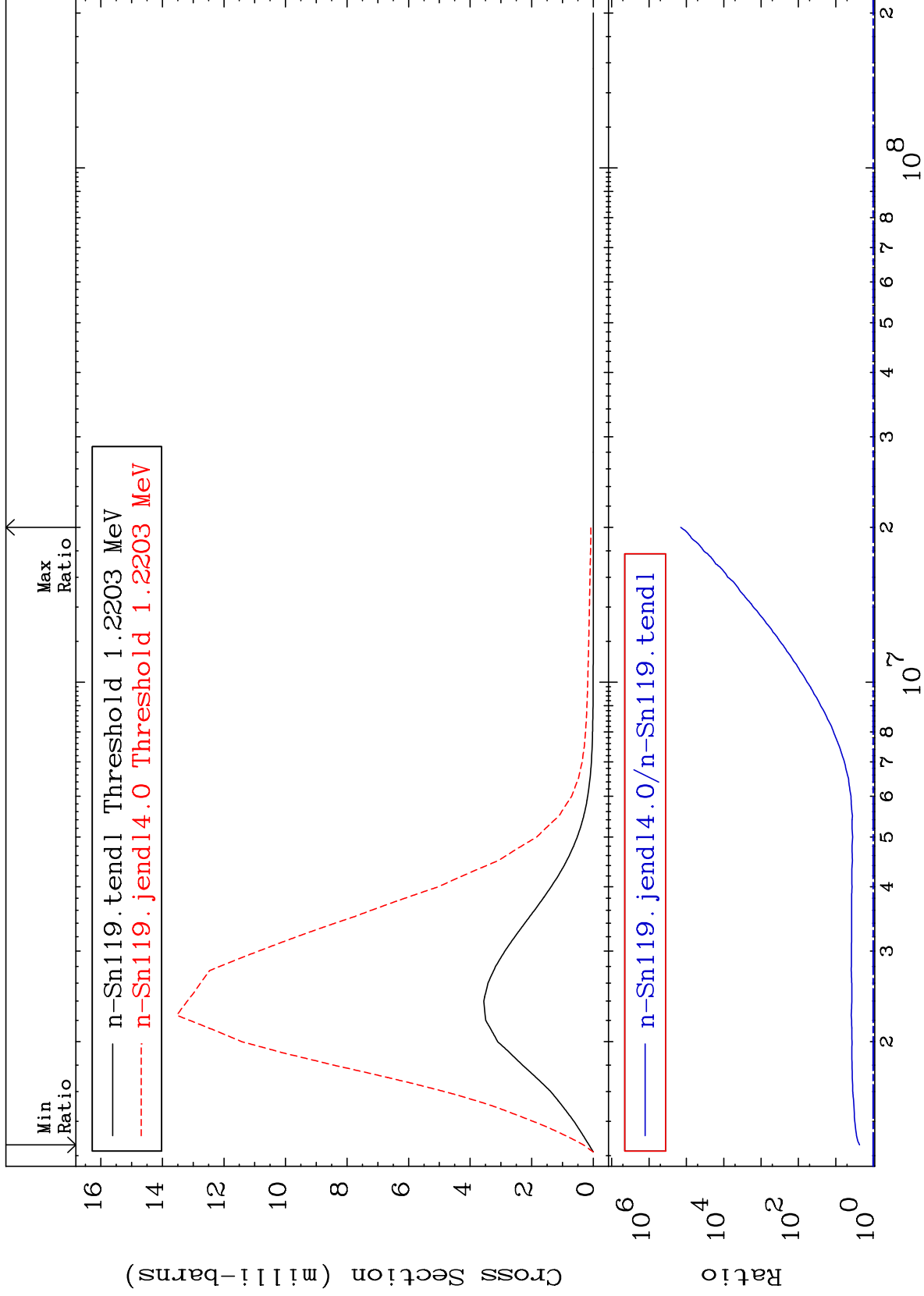
Incident Energy (eV)

50-Sn-119

MAT 5046

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

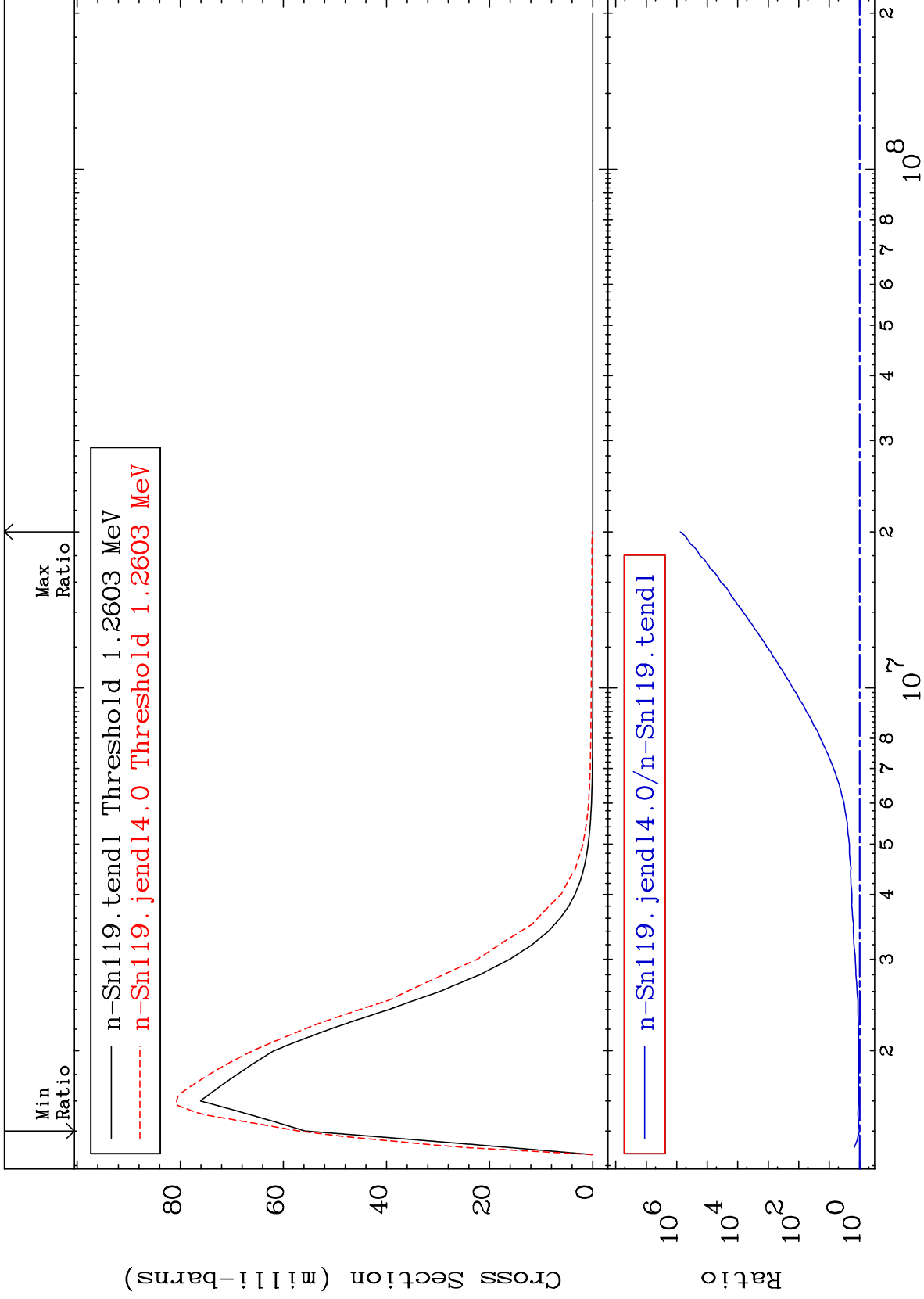
50-Sn-119
130.8 To 9999. %



MAT 5046

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

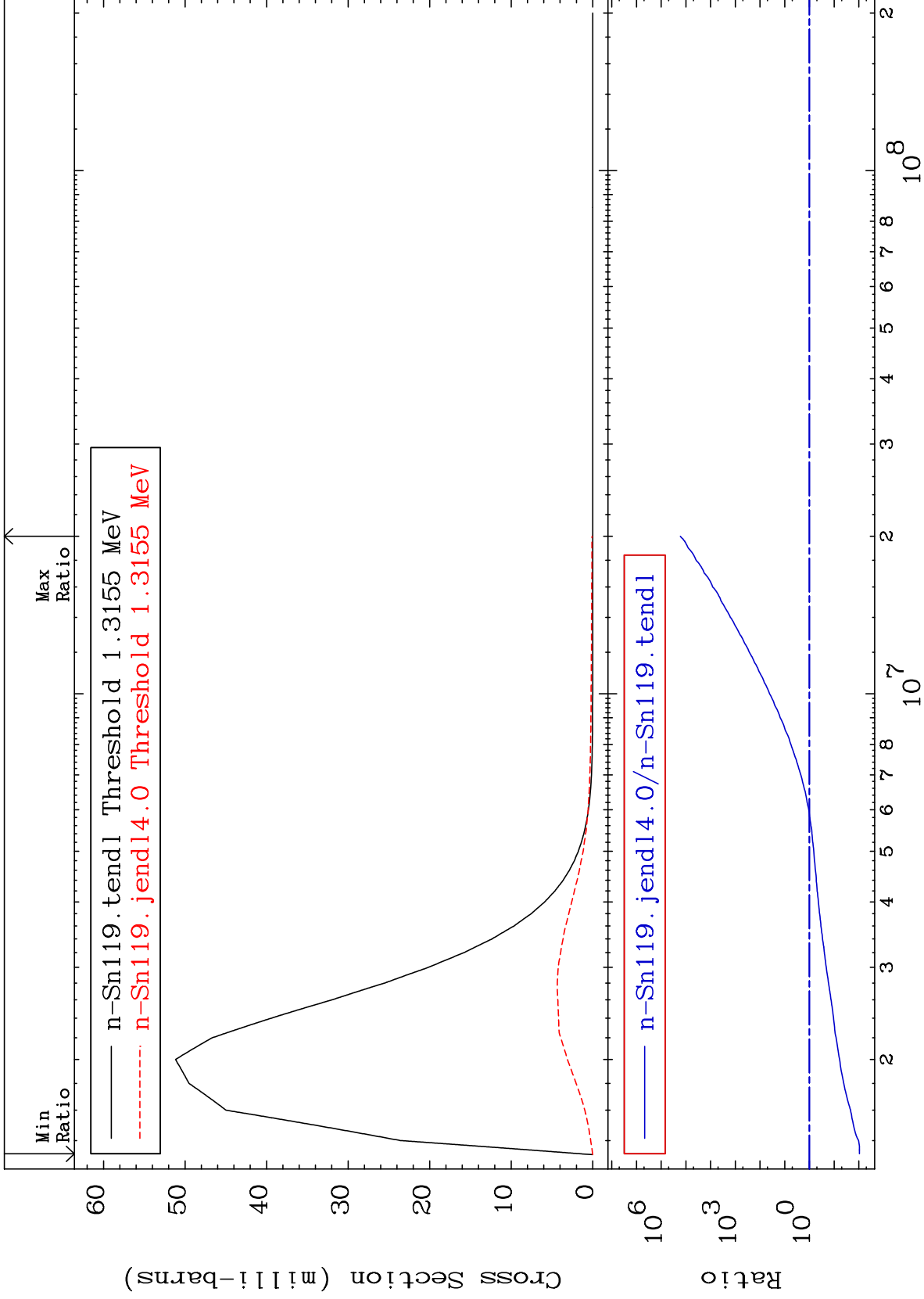
50-Sn-119
2.018 To 9999. %



MAT 5046

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

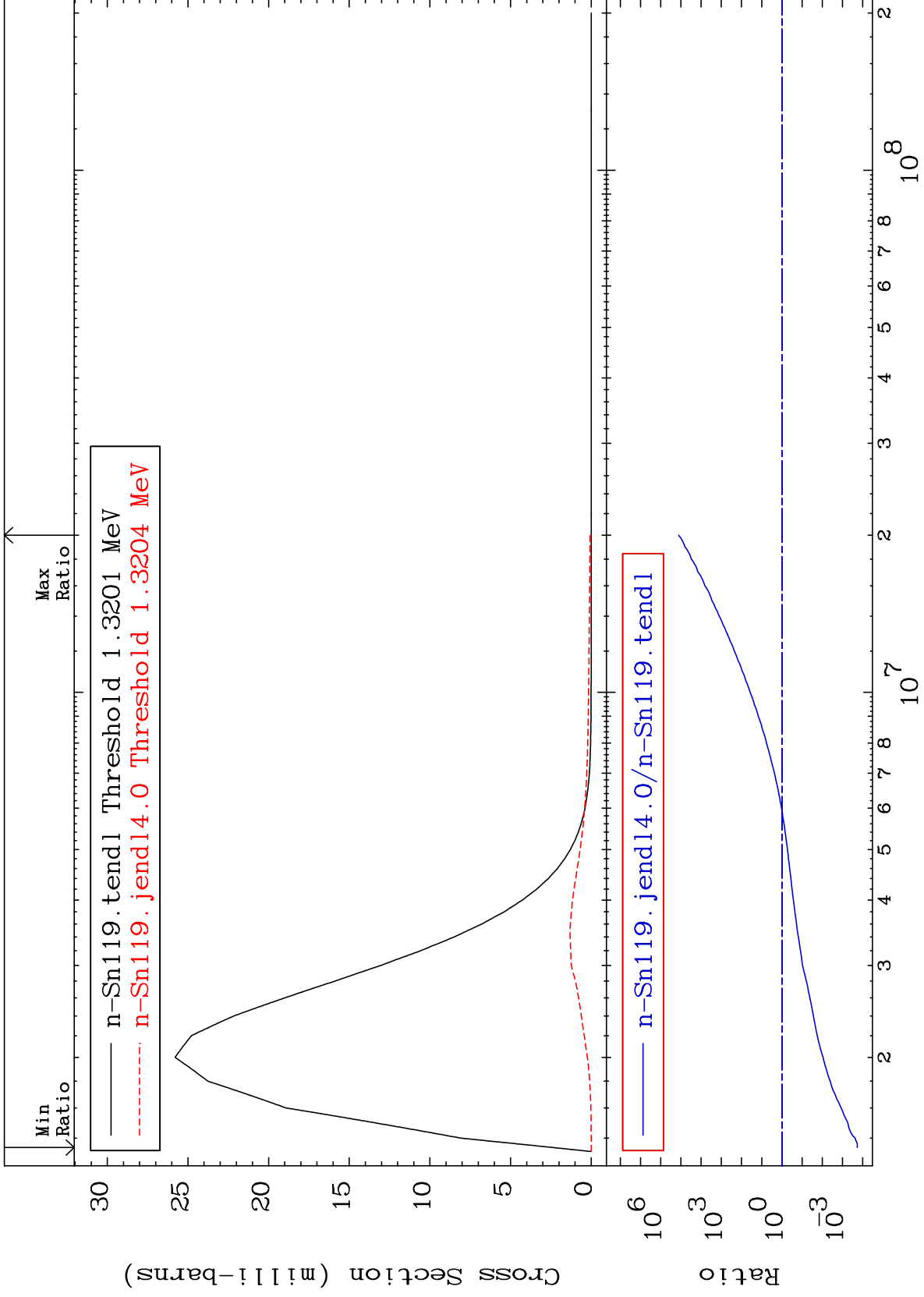
50-Sn-119
-99.05 To 9999. %



MAT 5046

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

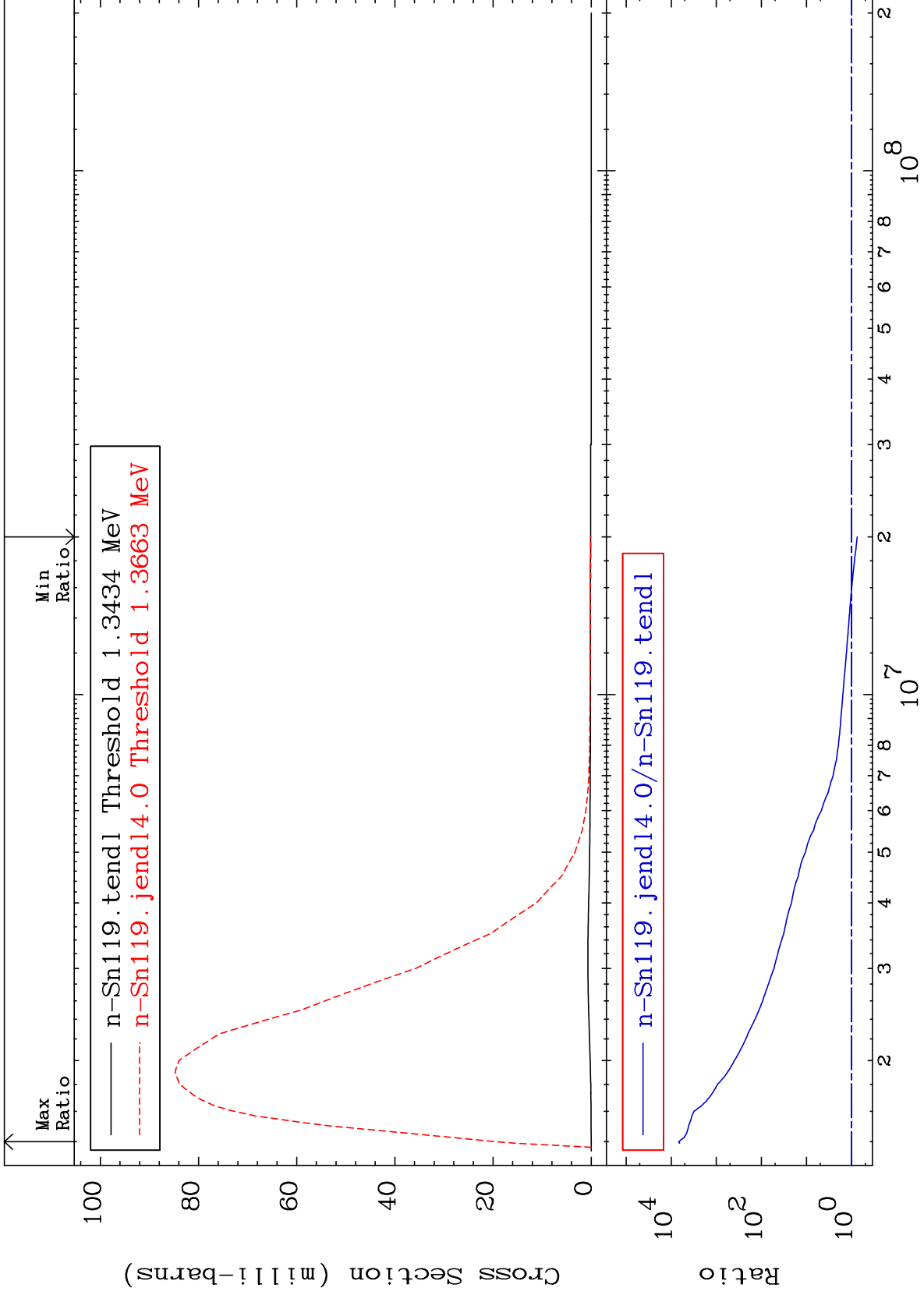
50-Sn-119
-99.98 To 9999. %



MAT 5046

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

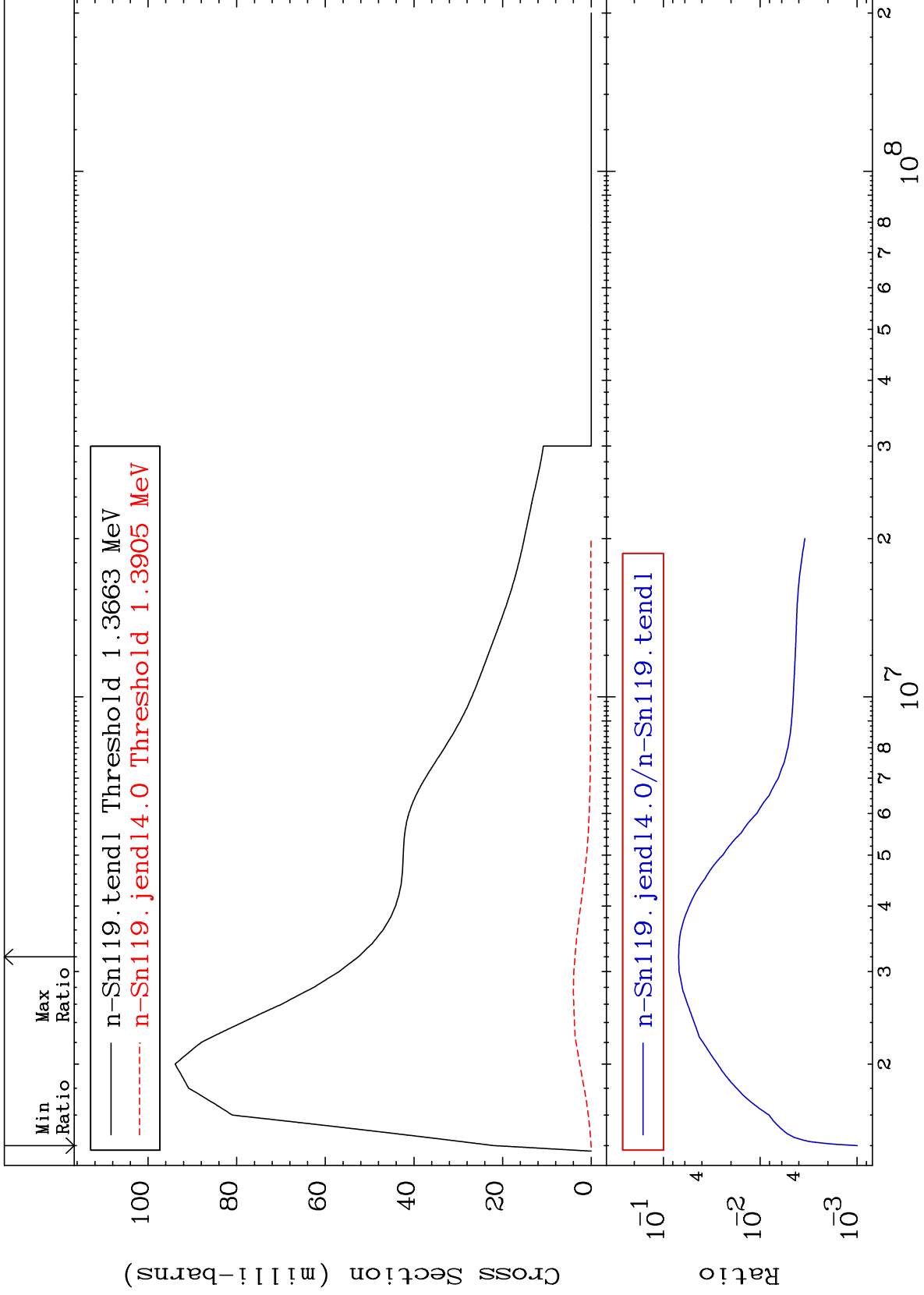
50-Sn-119
-24.72 To 9999. %



MAT 5046

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

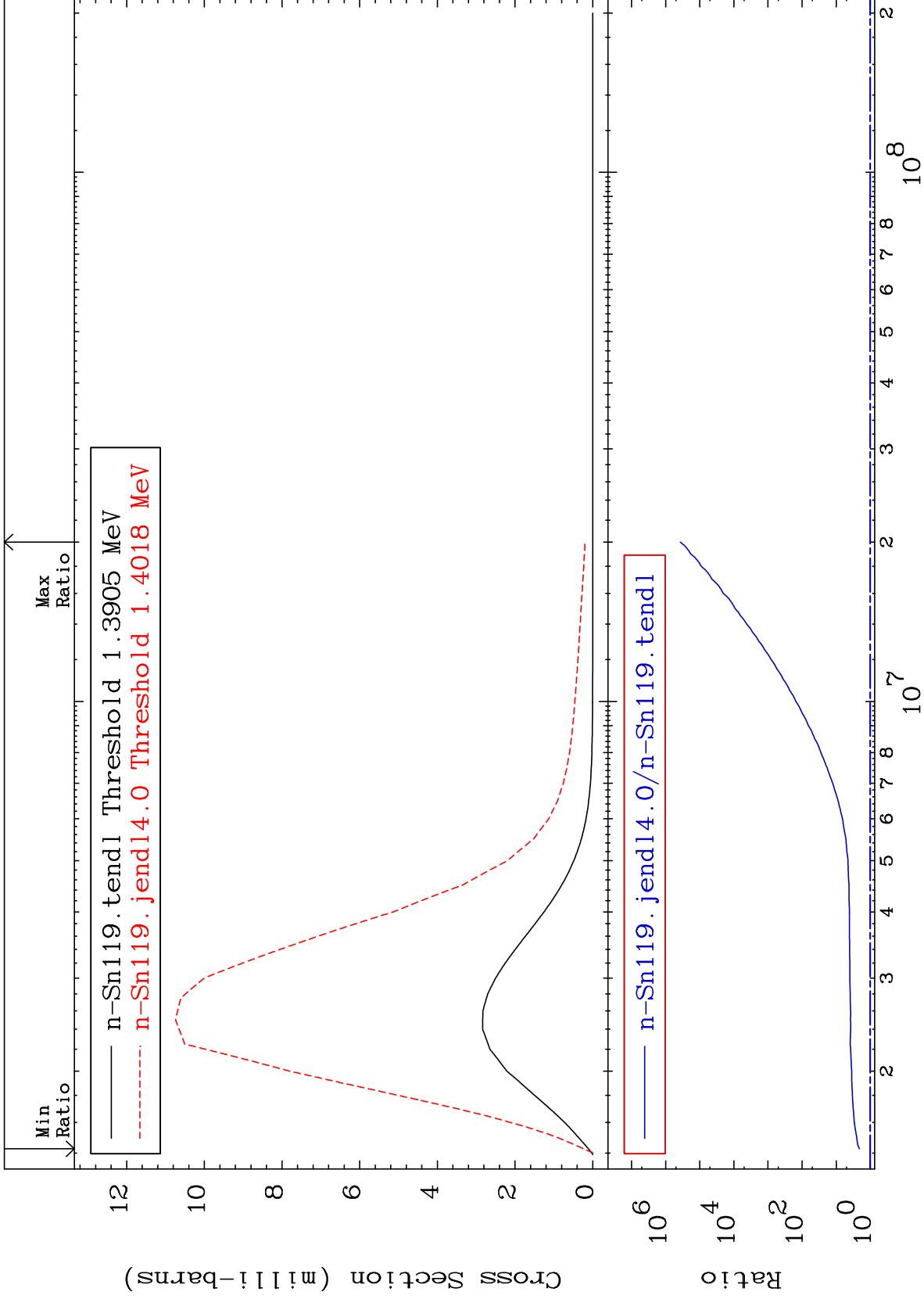
50-Sn-119
-99.90 To -93.05%



MAT 5046

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

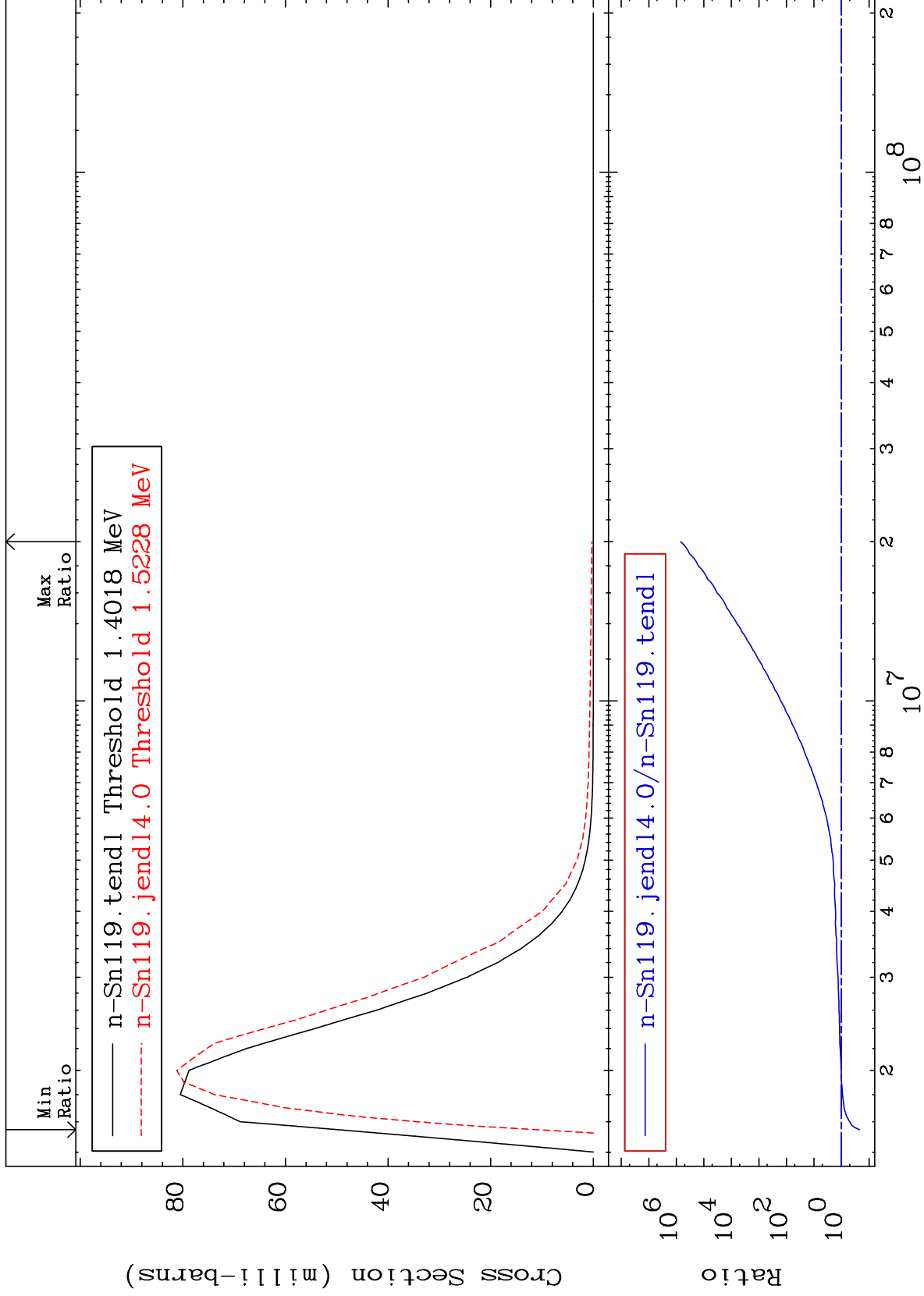
50-Sn-119
108.4 To 9999. %



MAT 5046

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

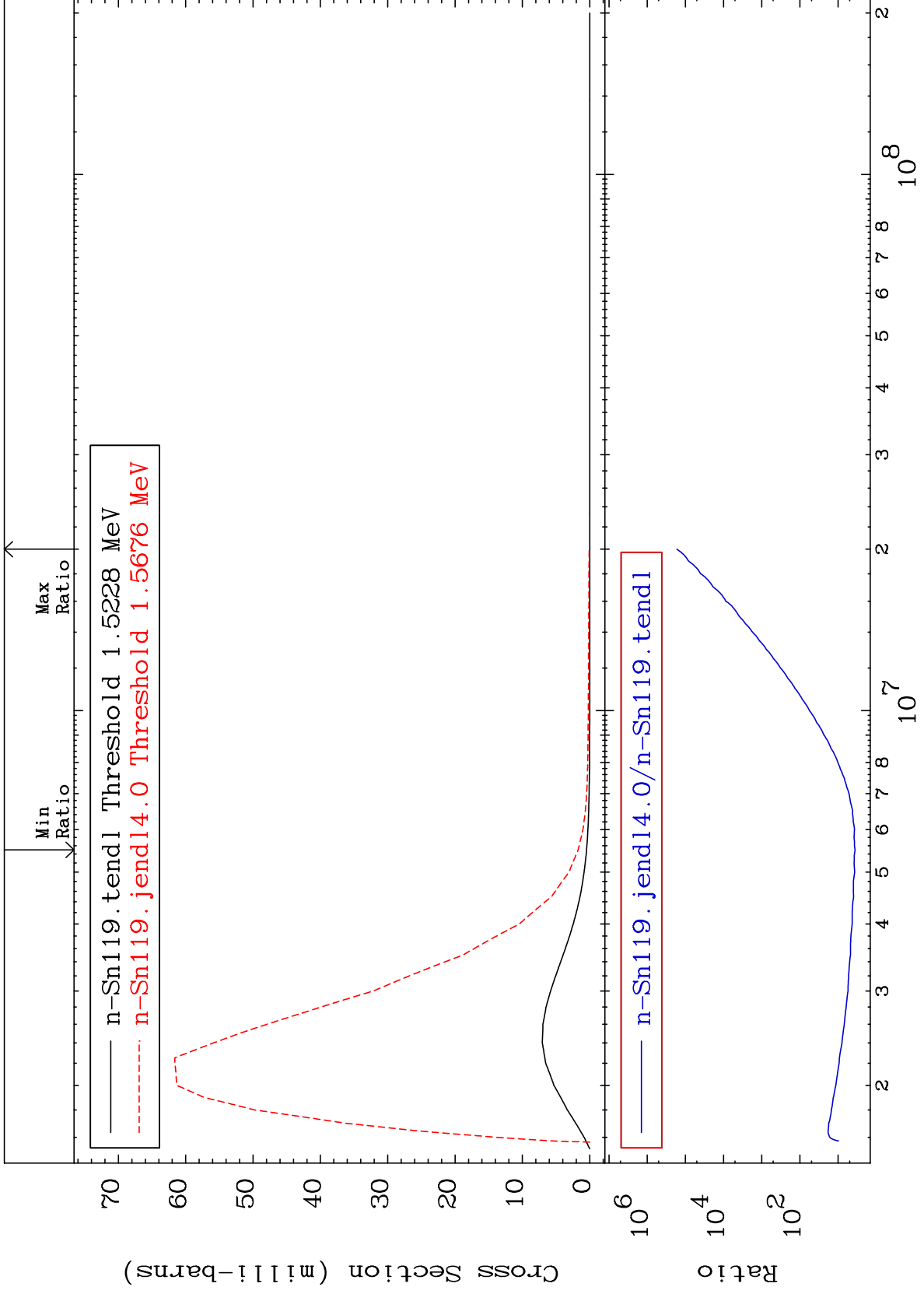
50-Sn-119
-77.87 To 9999. %



MAT 5046

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

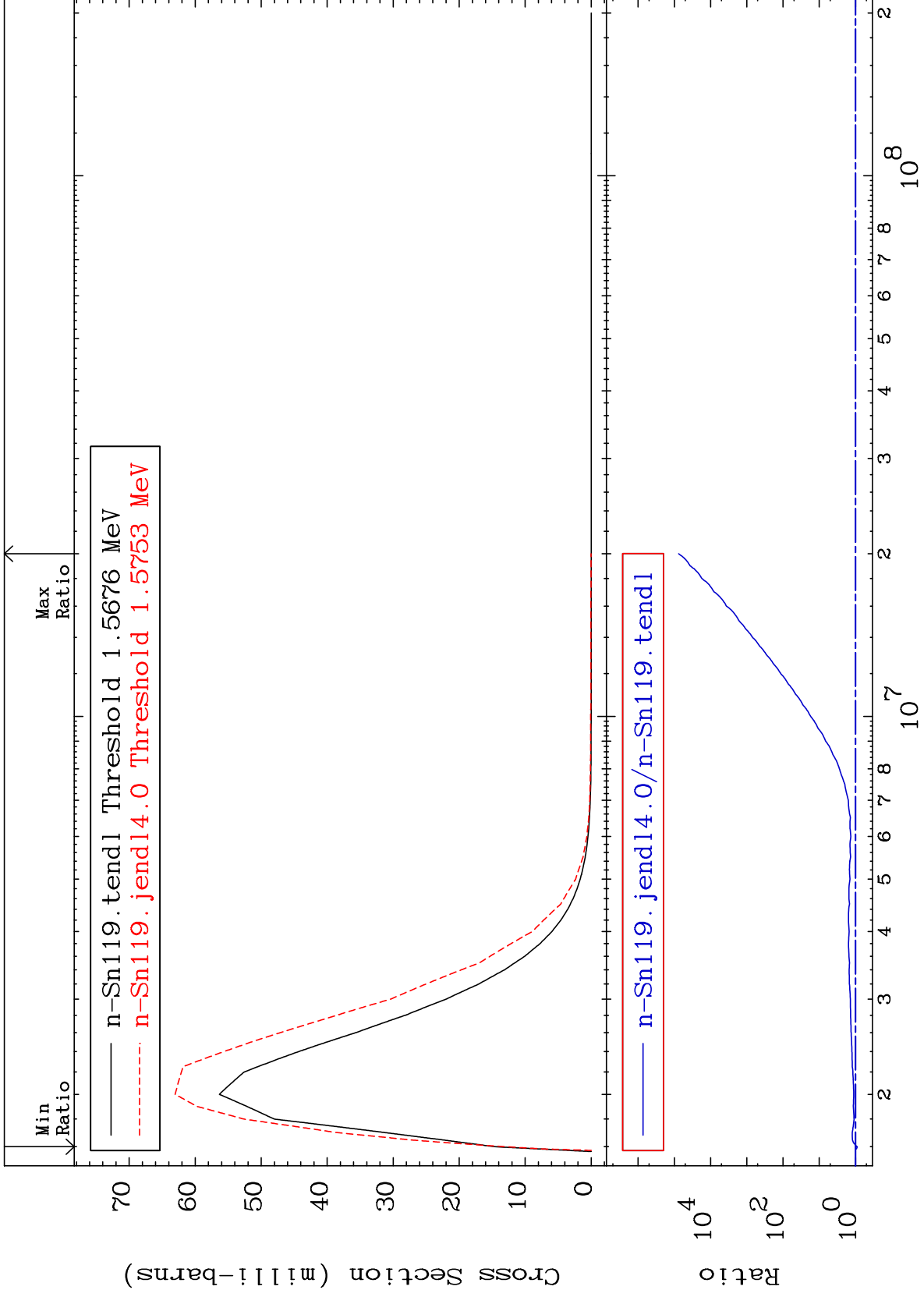
50-Sn-119
259.1 To 9999. %



MAT 5046

MT= 69 (n,n') Level
Cross Section

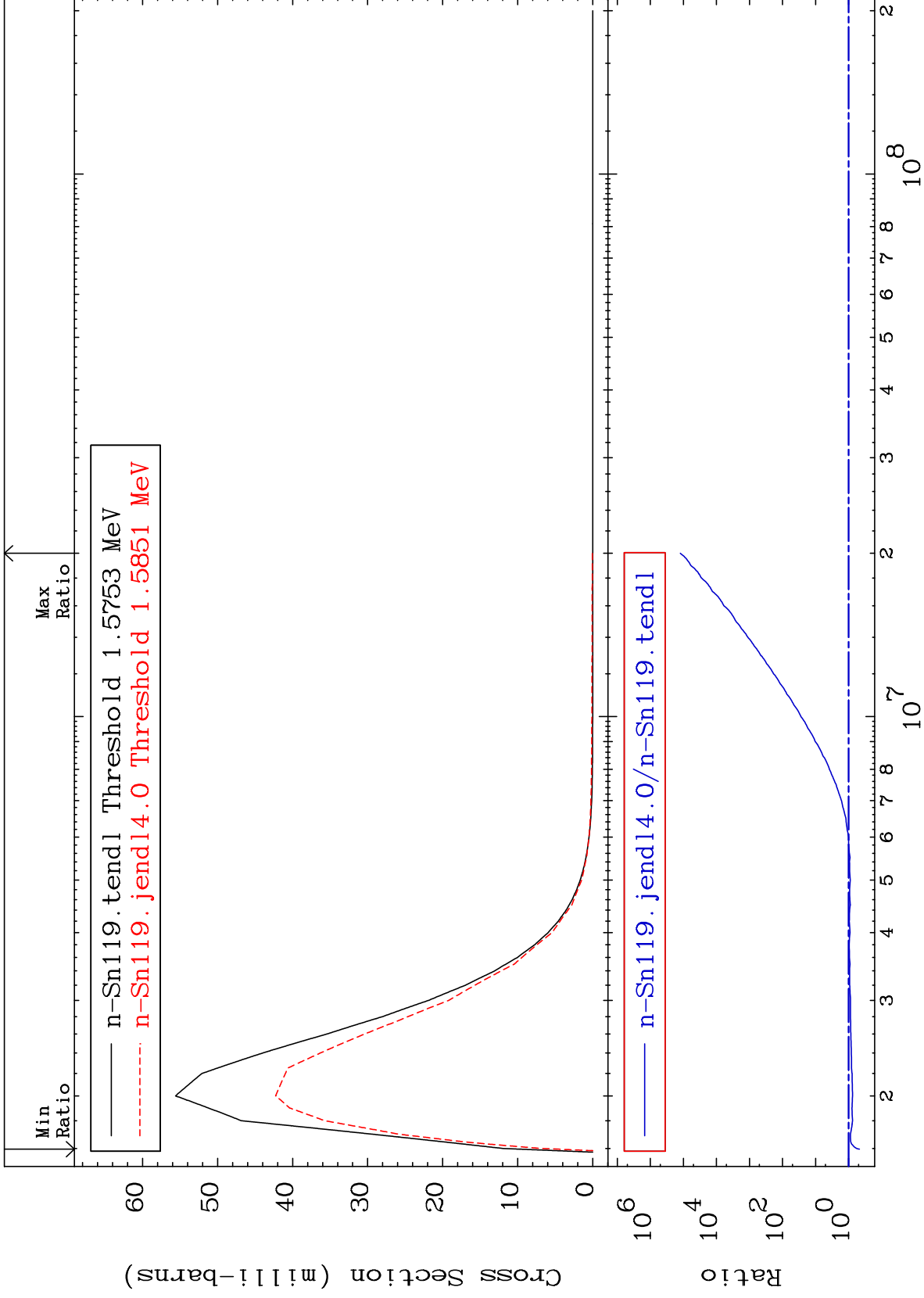
50-Sn-119
-10.55 To 9999. %



MAT 5046

MT= 70 (n,n') Level
Cross Section

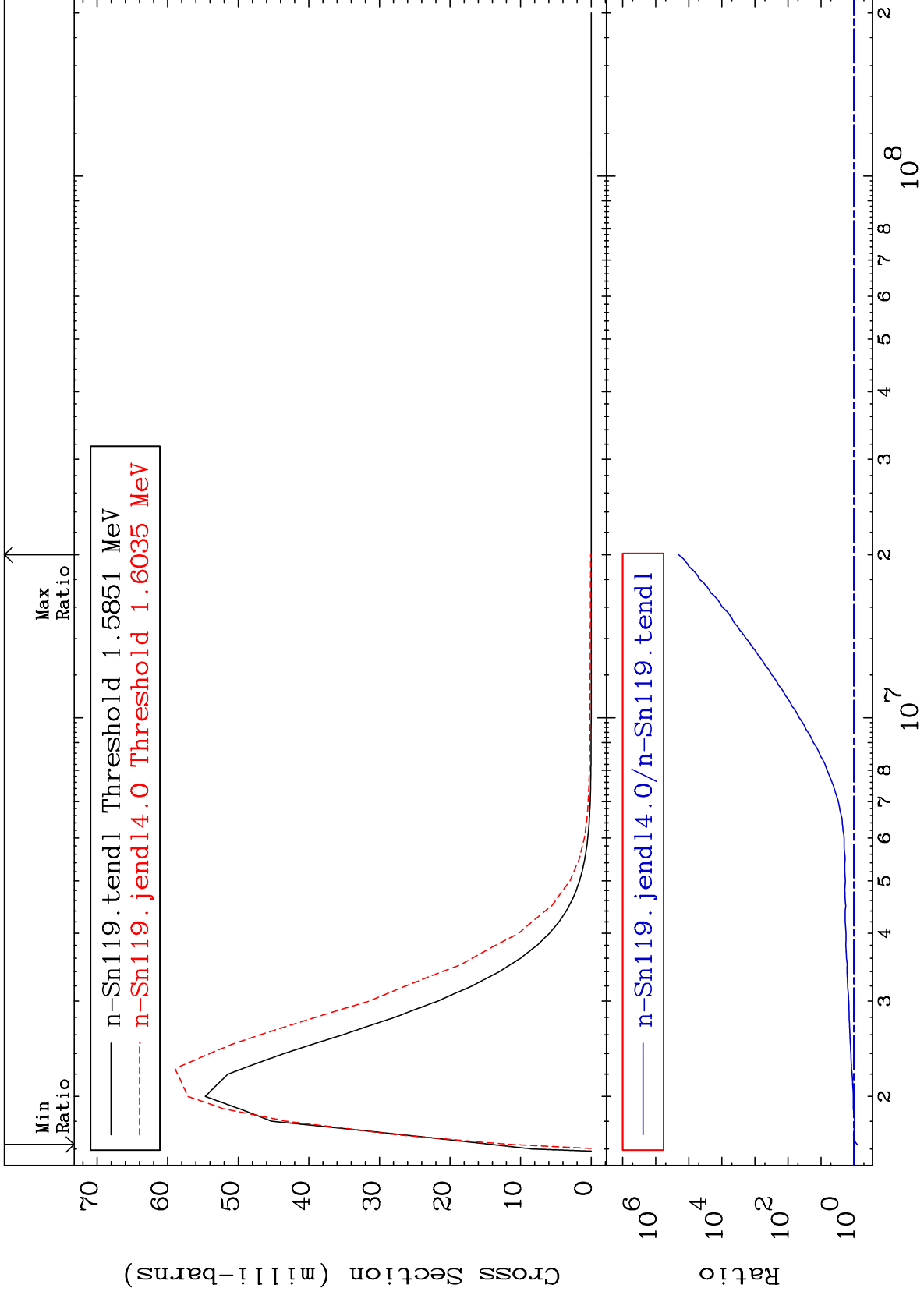
50-Sn-119
-53.03 To 9999. %



MAT 5046

MT= 71 (n,n') Level
Cross Section

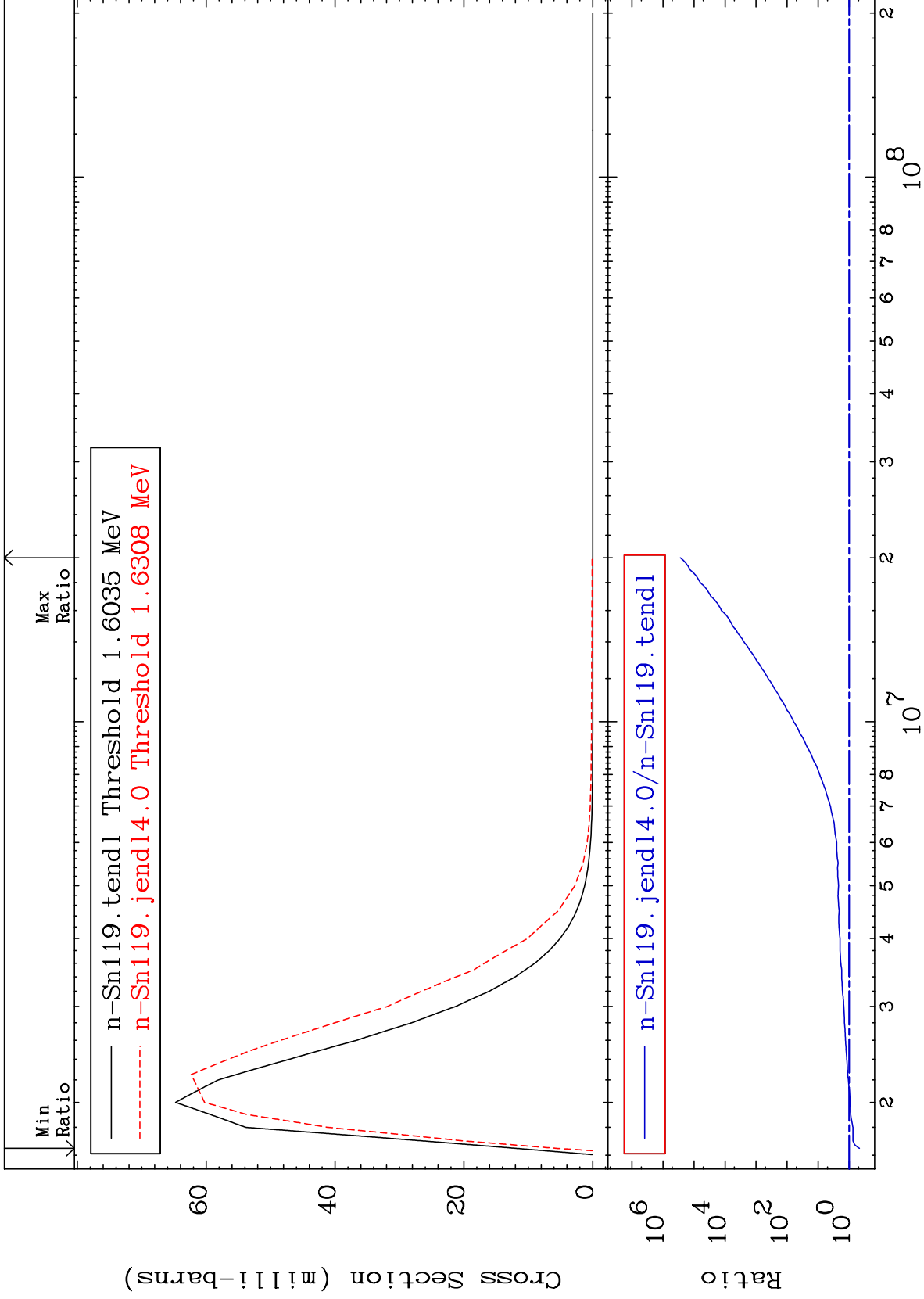
50-Sn-119
-20.22 To 9999. %



MAT 5046

MT= 72 (n,n') Level
Cross Section

50-Sn-119
-52.89 To 9999. %



30

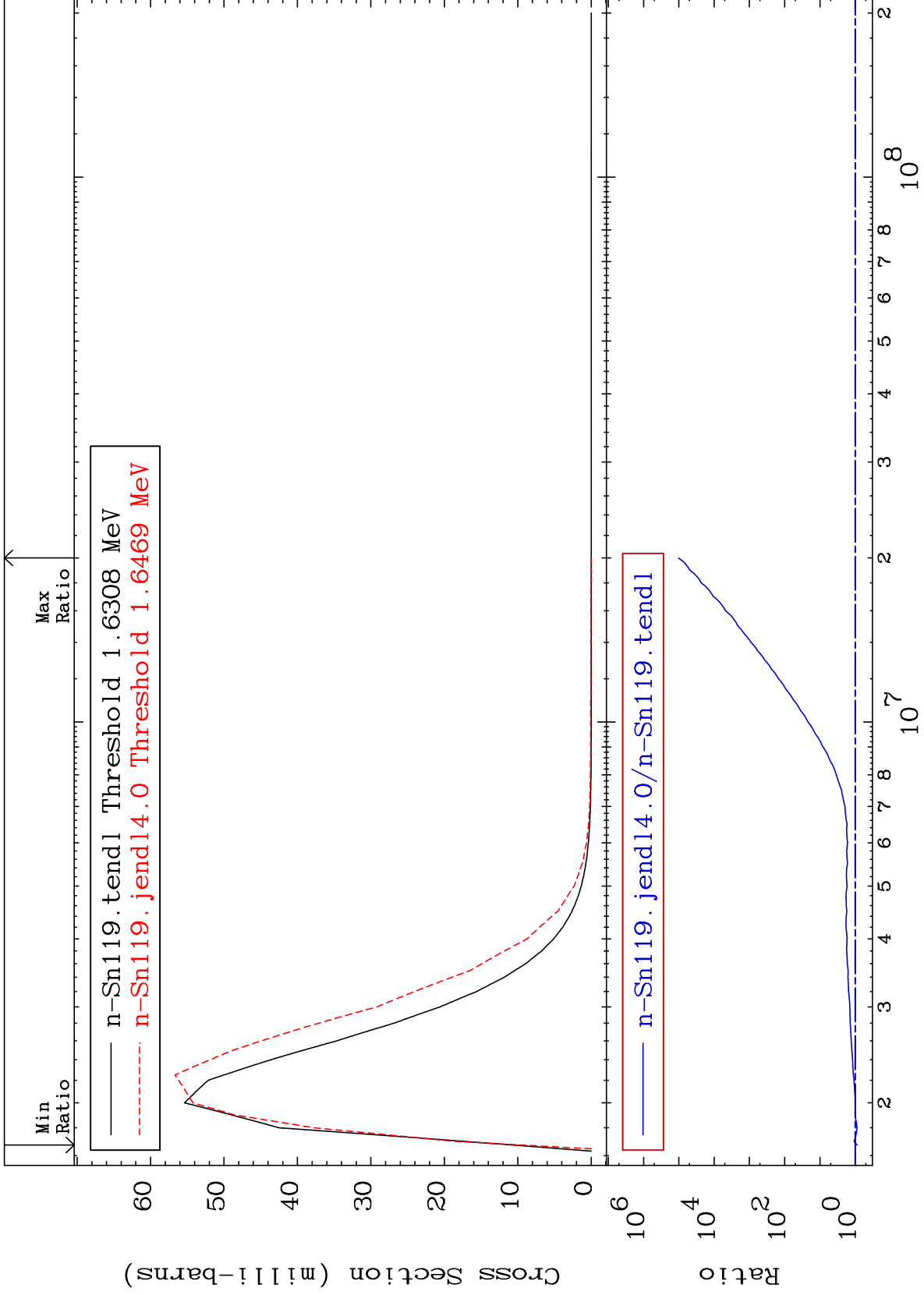
Incident Energy (eV)

50-Sn-119

MAT 5046

MT= 73 (n,n') Level
Cross Section

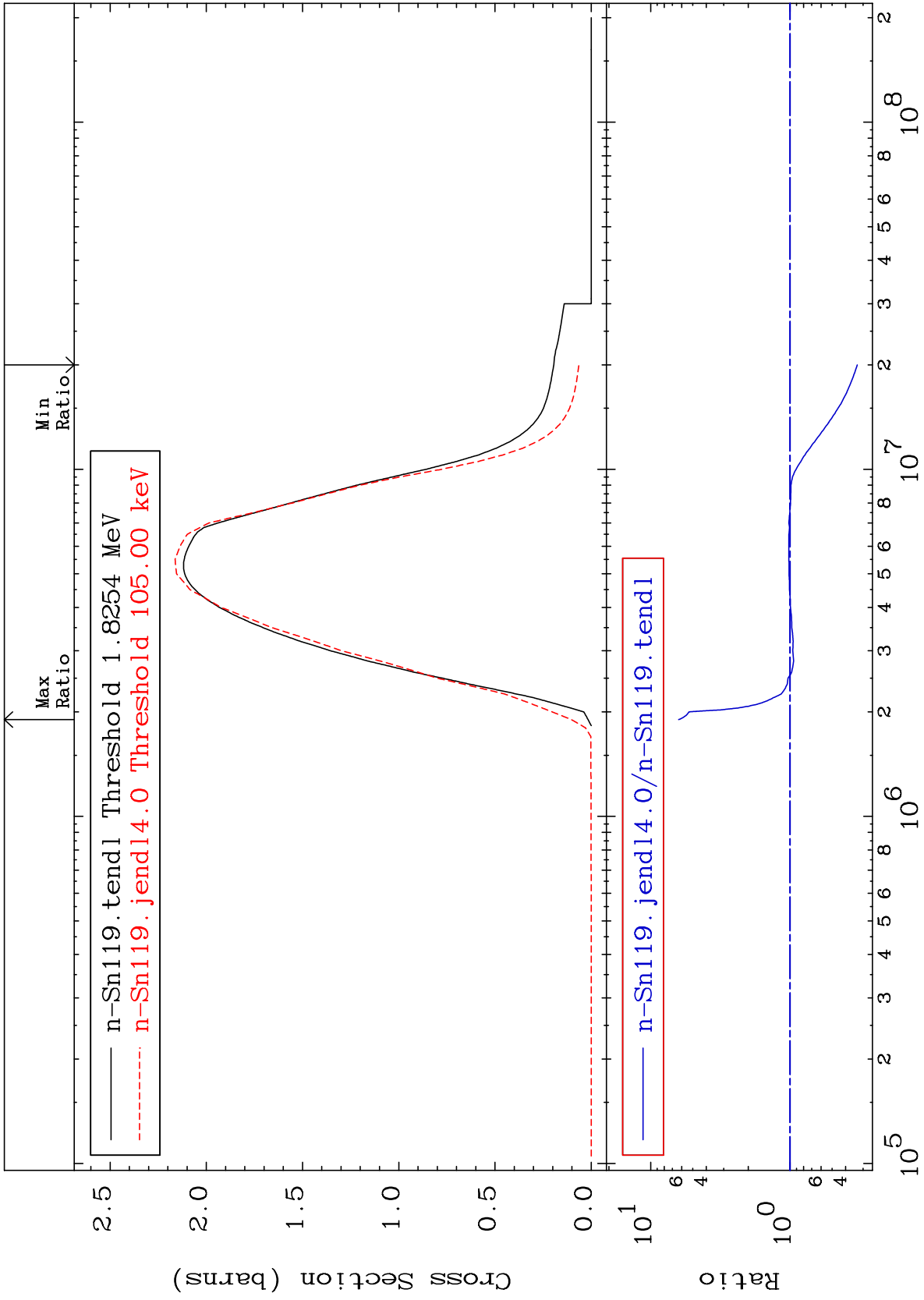
50-Sn-119
-12.59 To 9999. %



MAT 5046

(n, n') Continuum
Cross Section

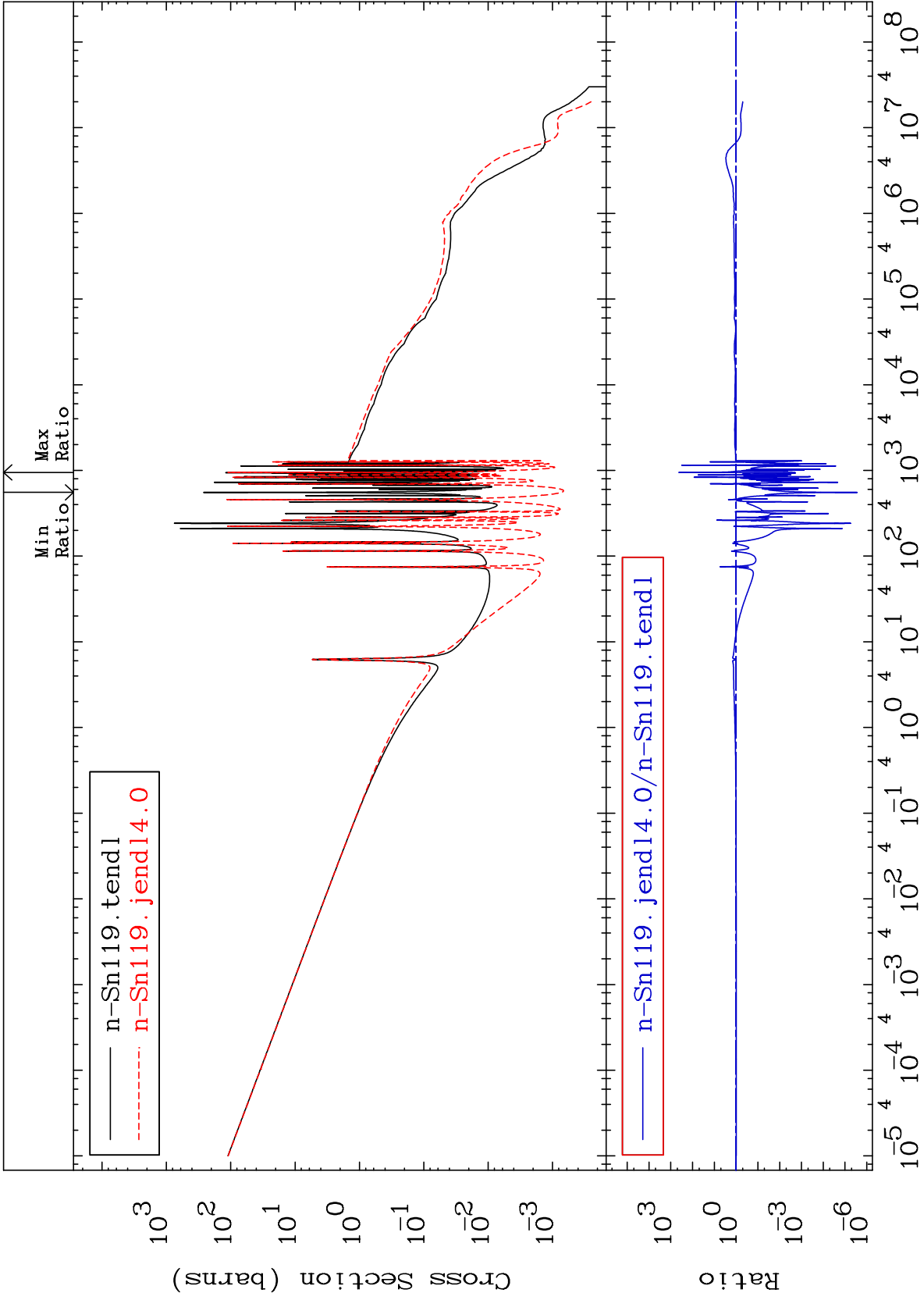
50-Sn-119
-67.00 To 531.4 %



MAT 5046

(n, γ)
Cross Section

50-Sn-119
-100.0 To 9999. %



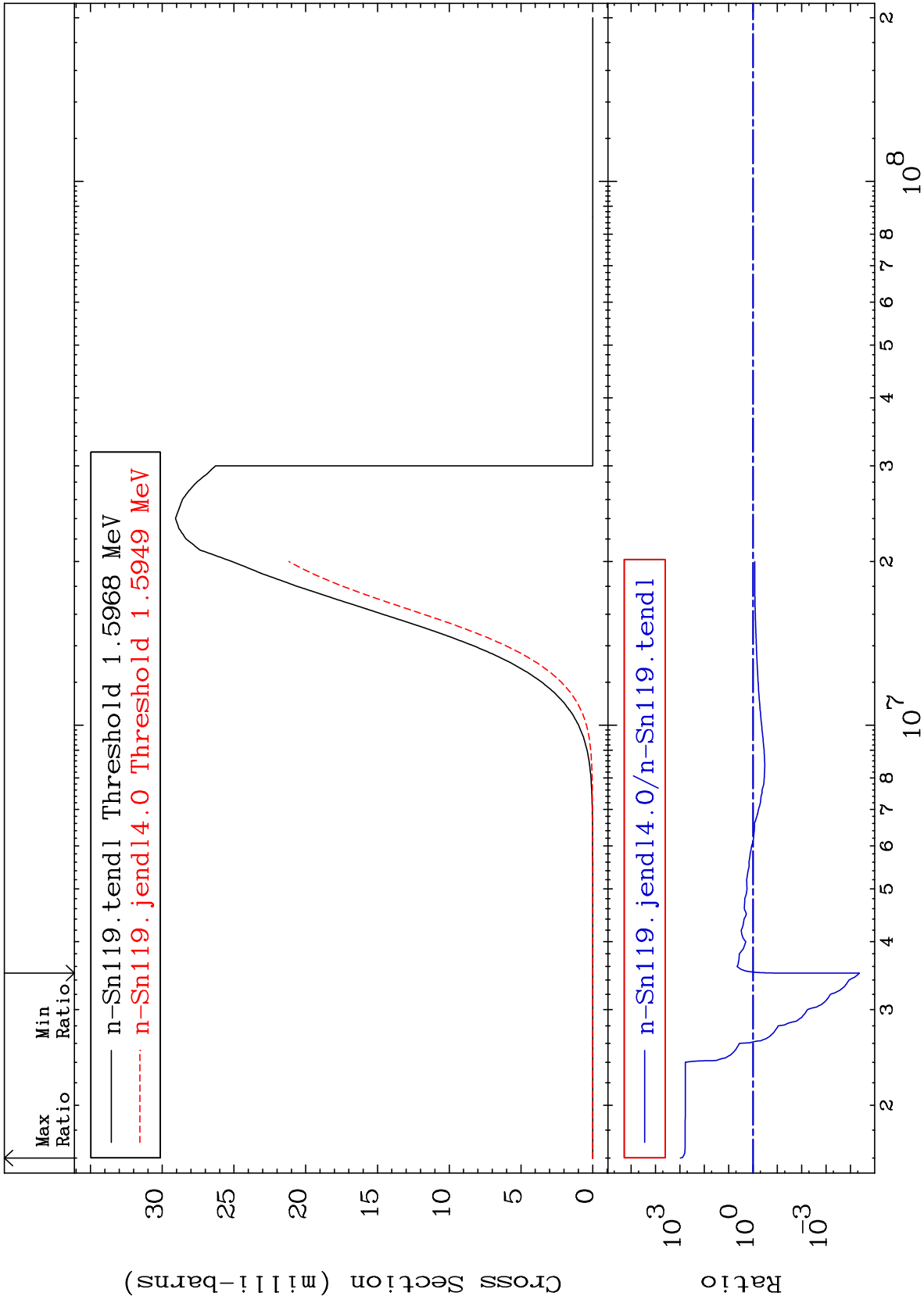
MAT 5046

(n,p)

50-Sn-119

Cross Section

-100.0 To 9999. %



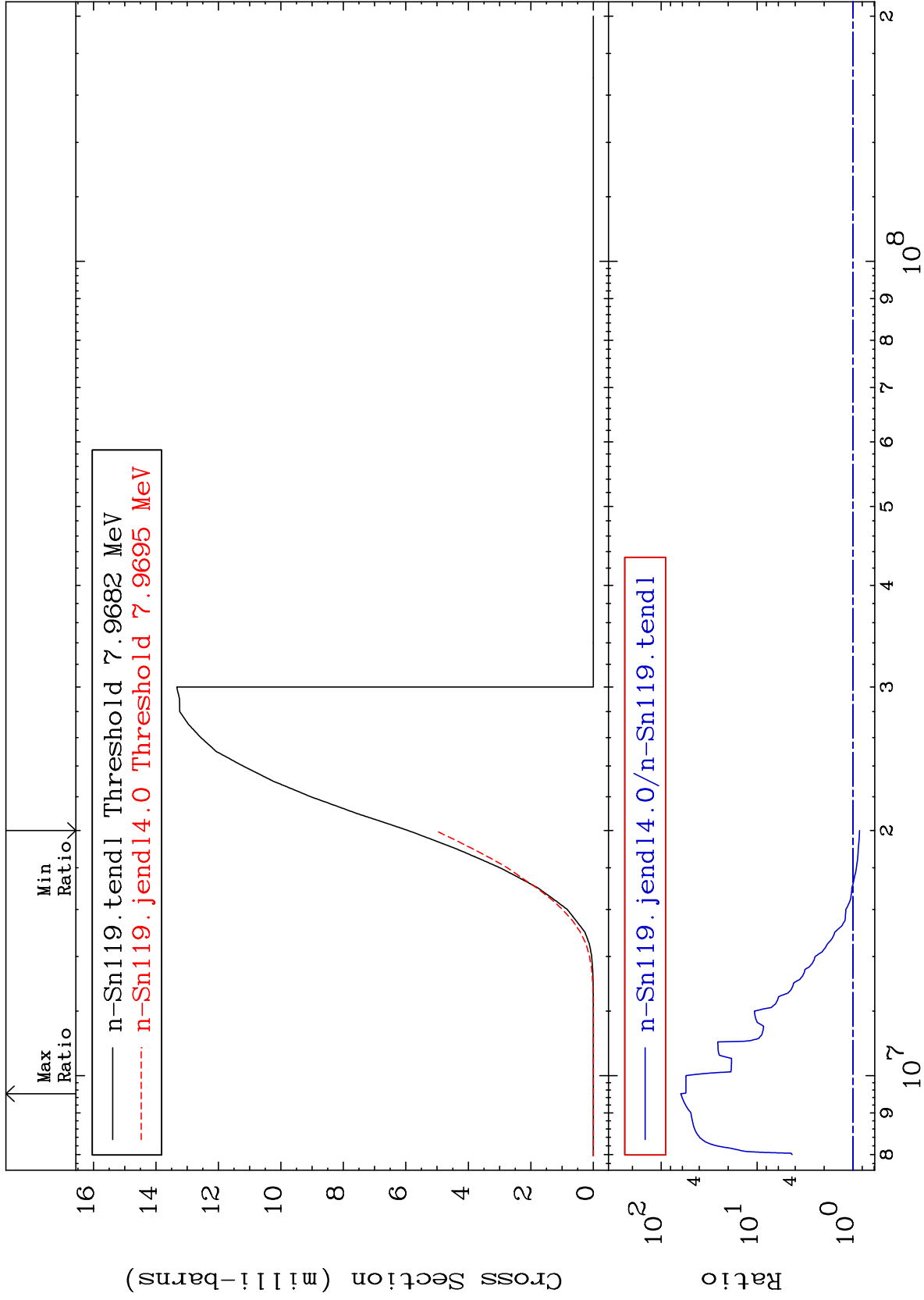
MAT 5046

(n, d)

50-Sn-119

Cross Section

-14.74 To 6150. %



35

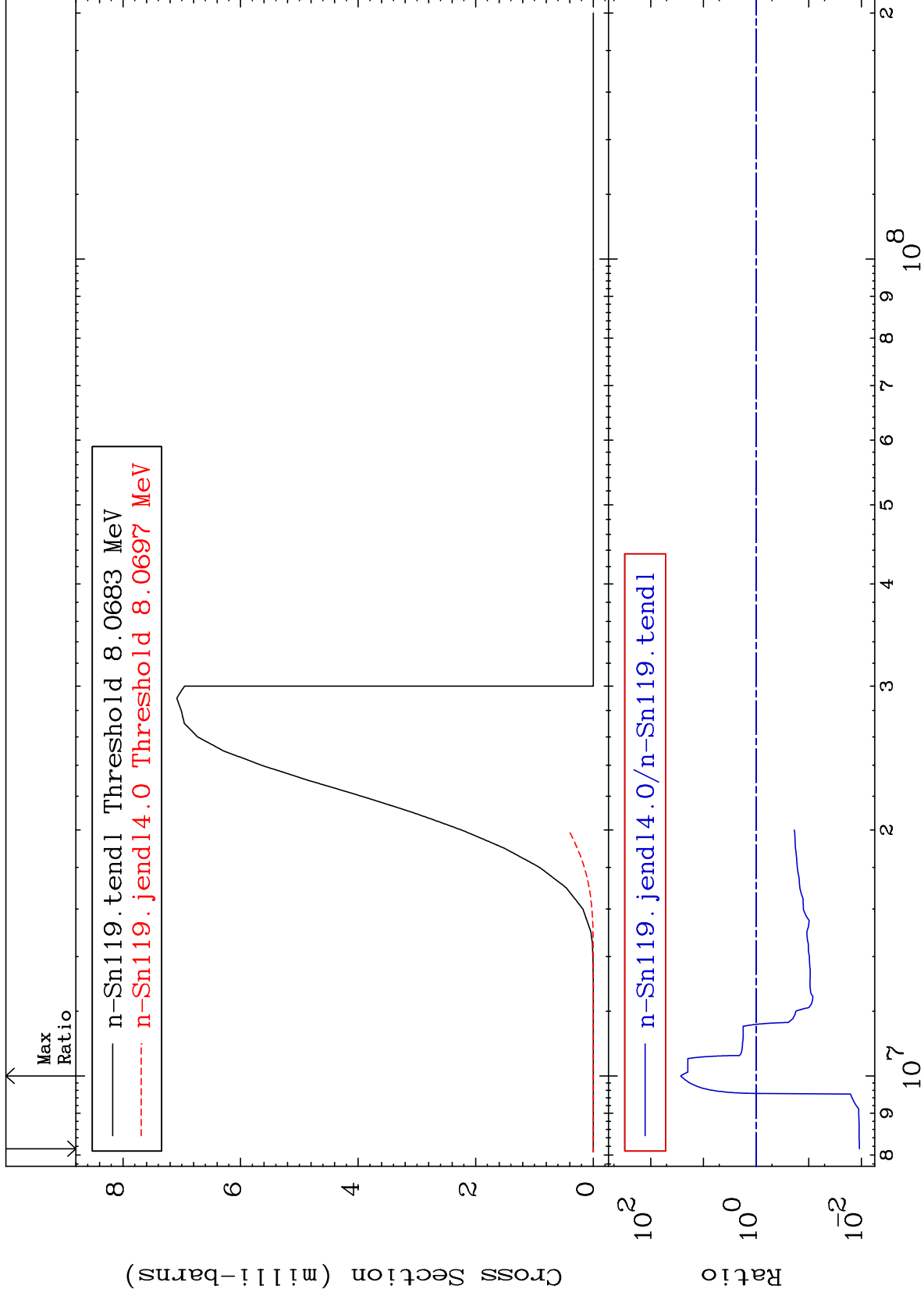
Incident Energy (eV)

50-Sn-119

MAT 5046

(n, t)
Cross Section

50-Sn-119
-98.91 To 2591. %



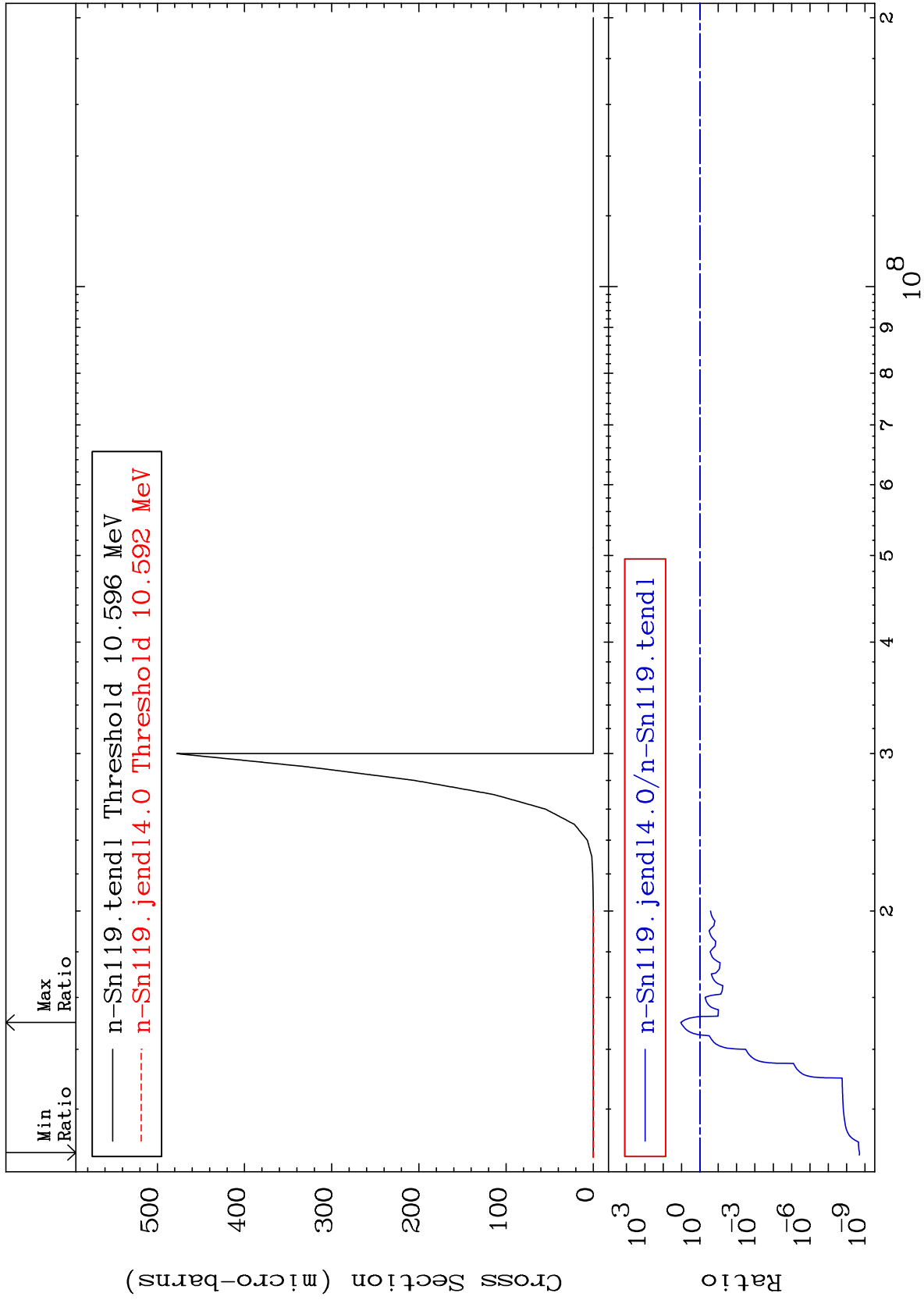
36

Incident Energy (eV)

50-Sn-119

Cross Section

-100.0 To 999.9 %



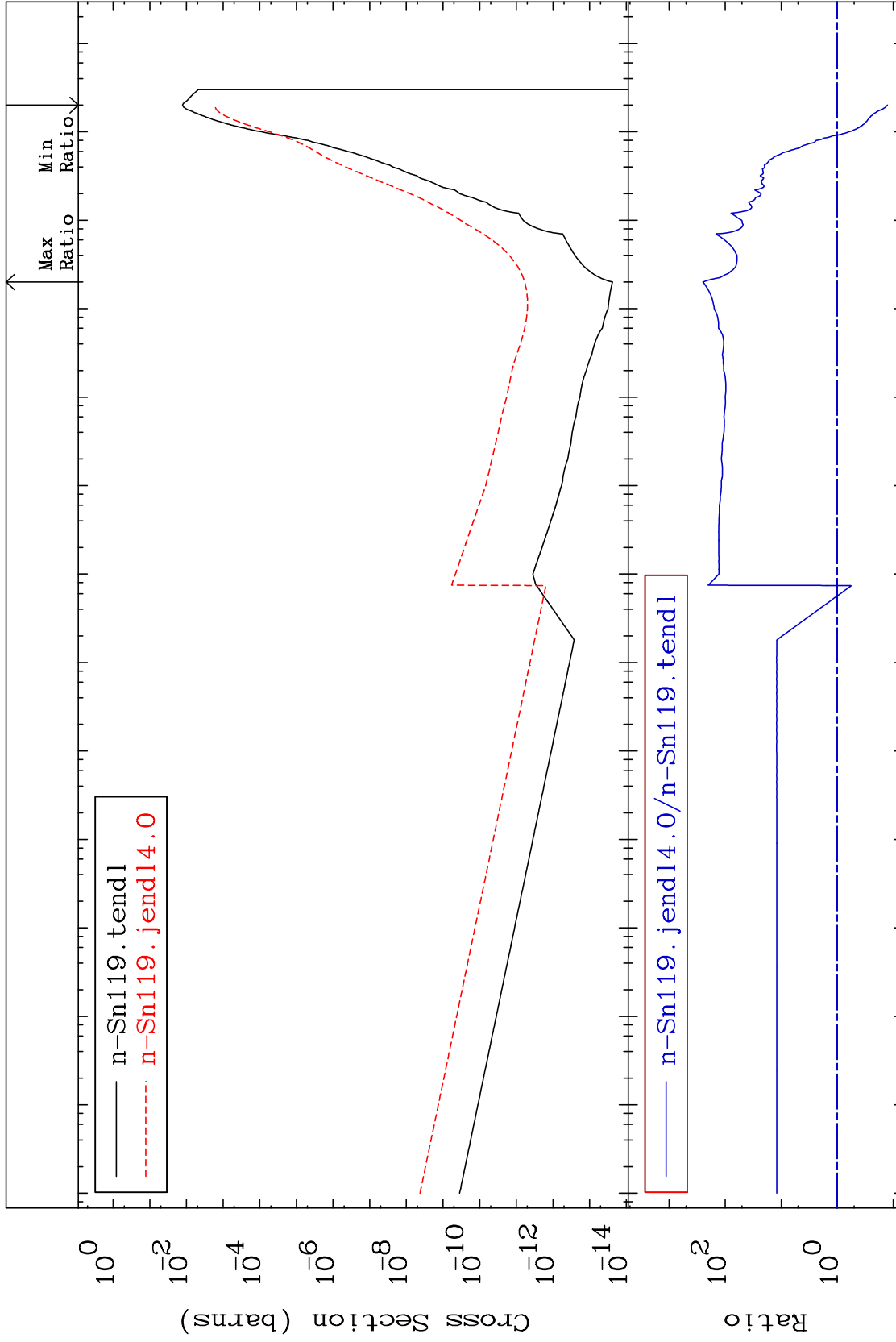
MAT 5046

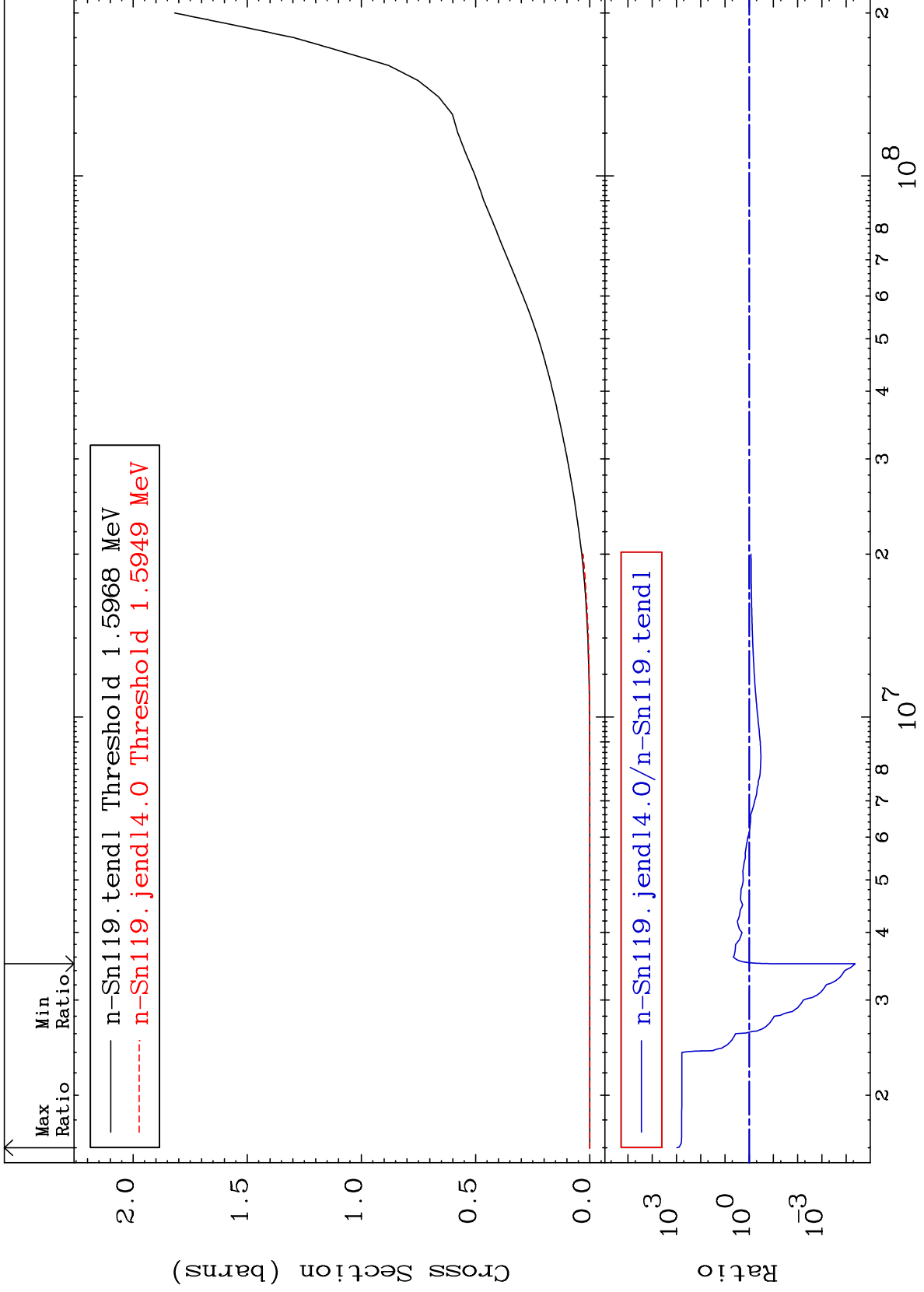
(n, α)

50-Sn-119

Cross Section

-87.29 To 9999. %

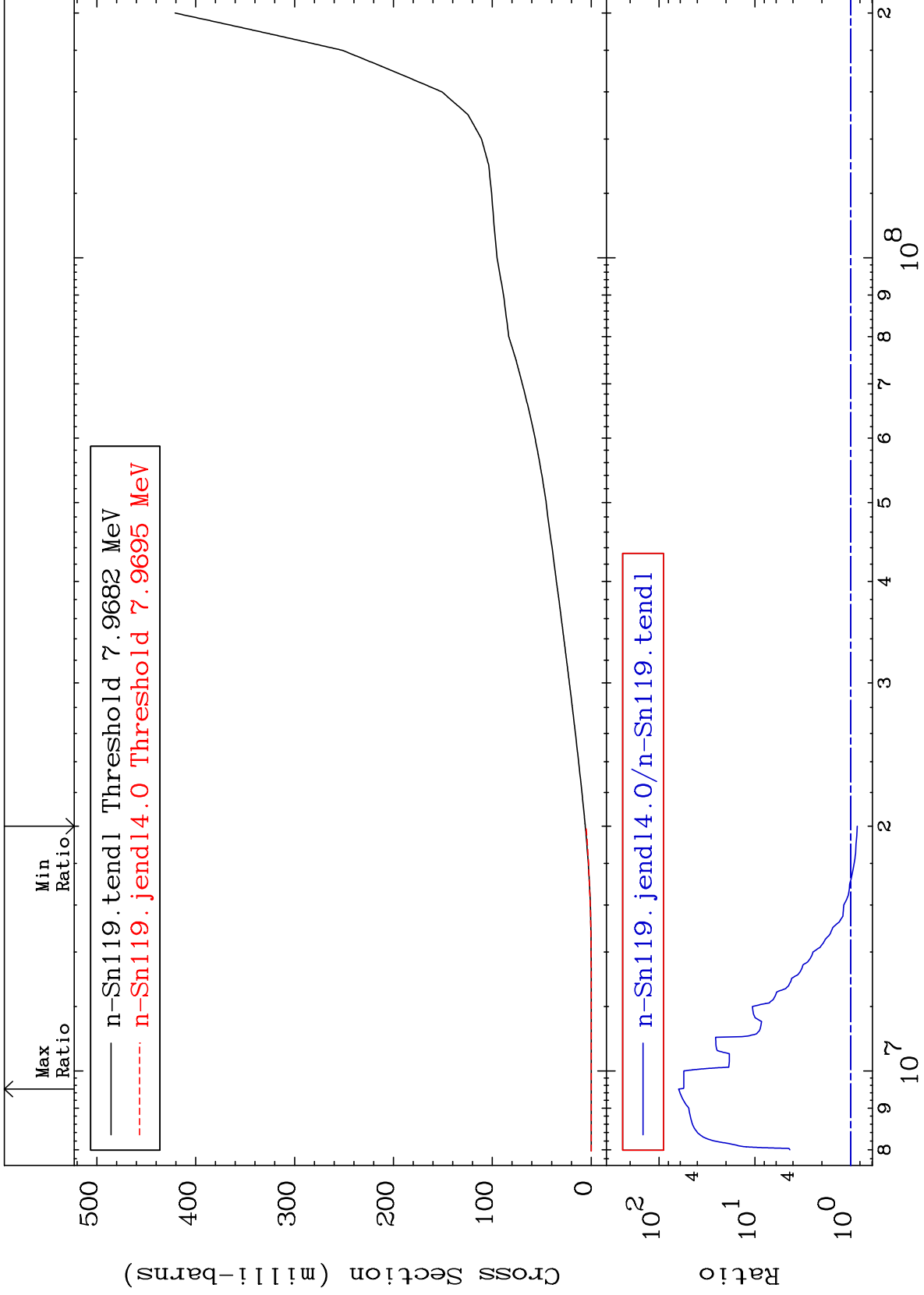




MAT 5046

Deuterium Production
Cross Section

50-Sn-119
-14.48 To 6150. %



40

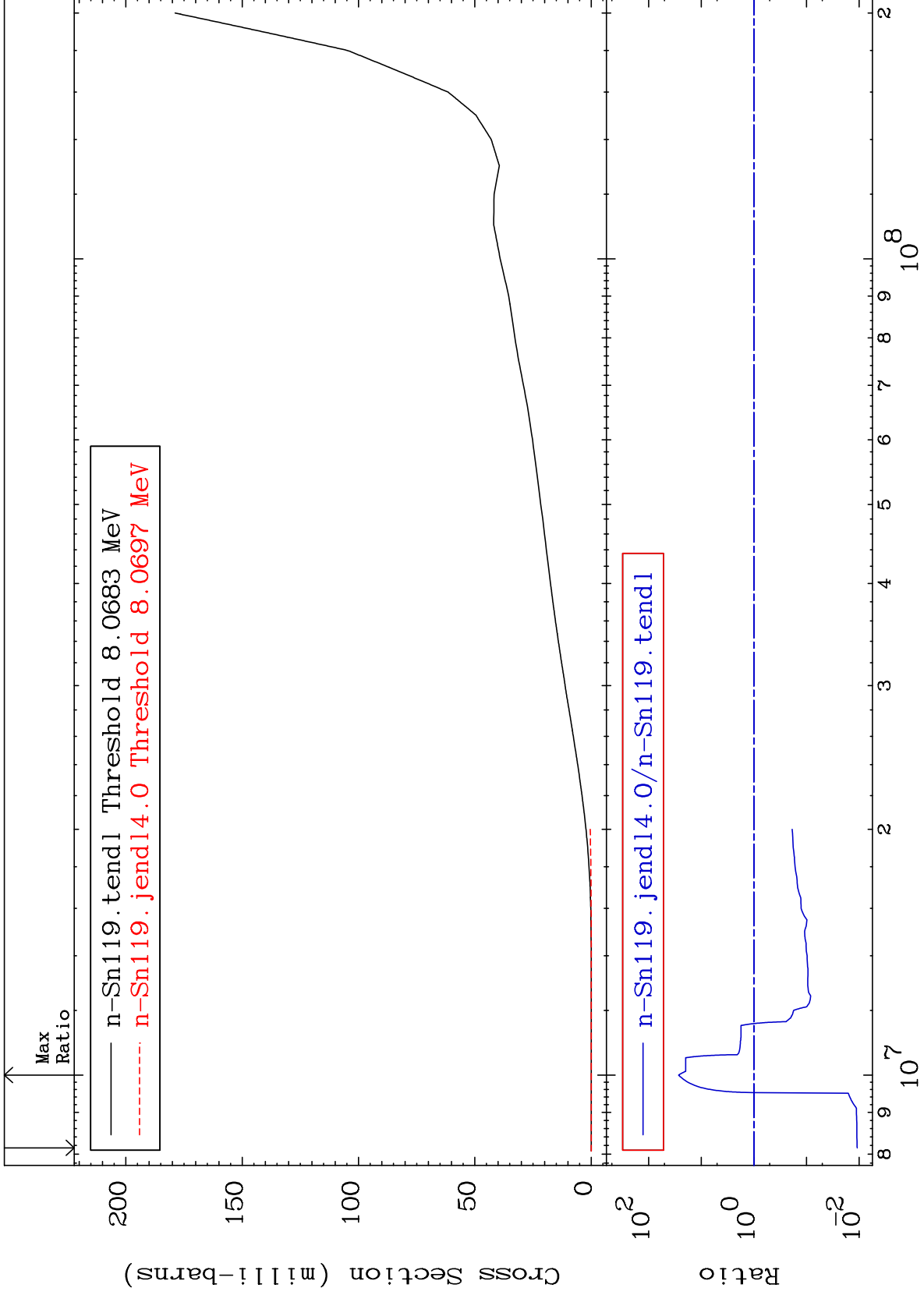
Incident Energy (eV)

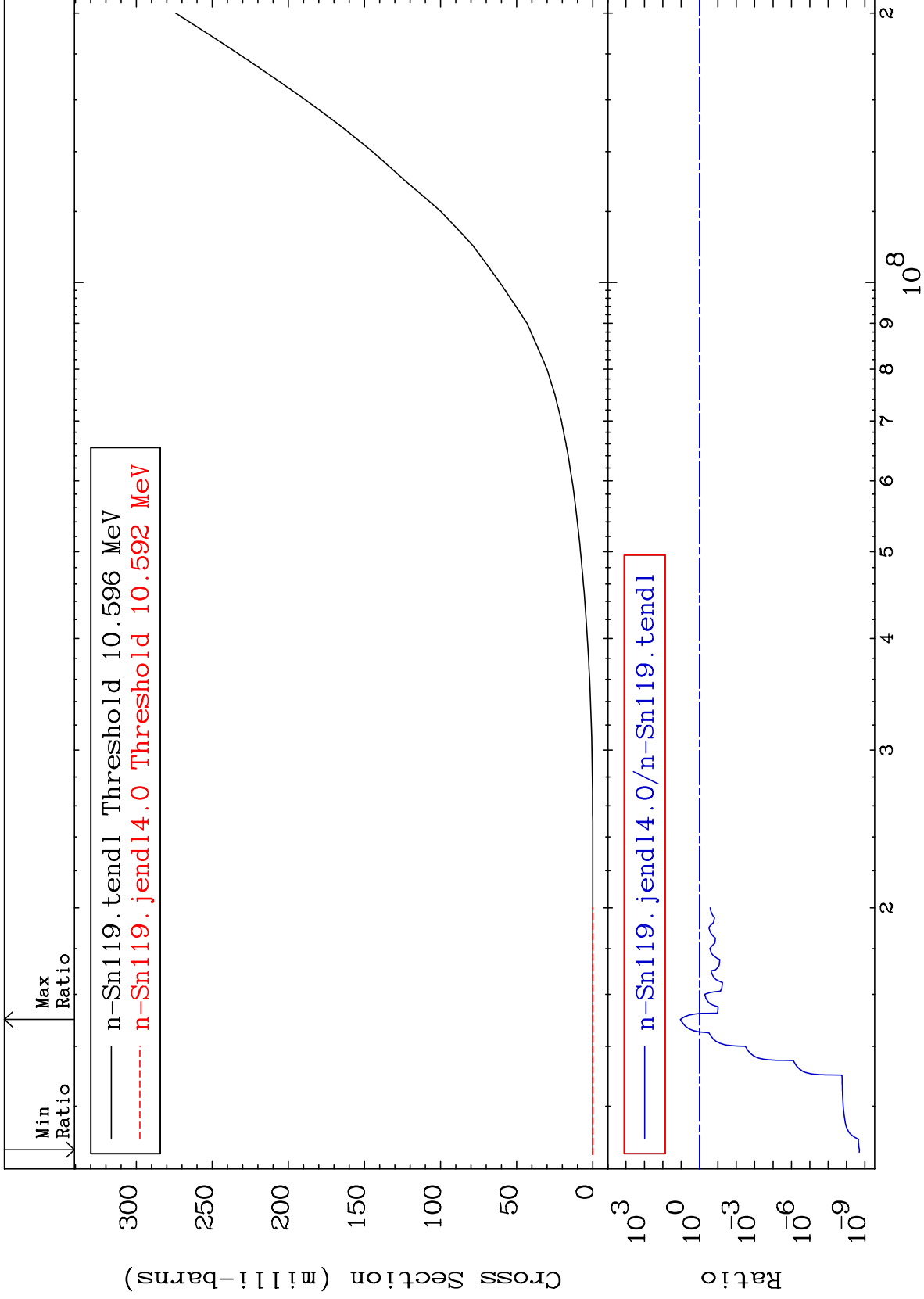
50-Sn-119

MAT 5046

Tritium Production
Cross Section

50-Sn-119
-98.91 To 2591. %

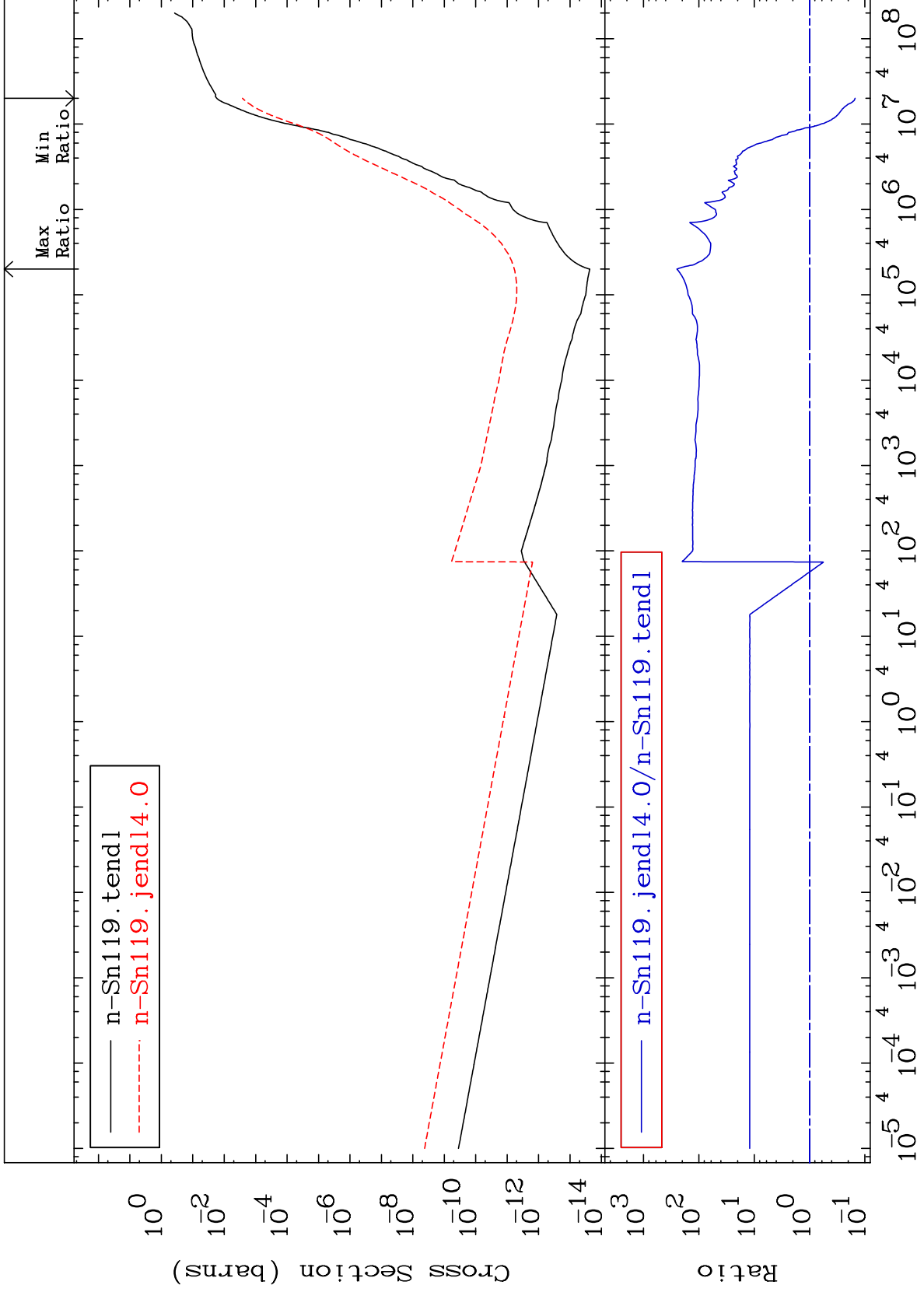




MAT 5046

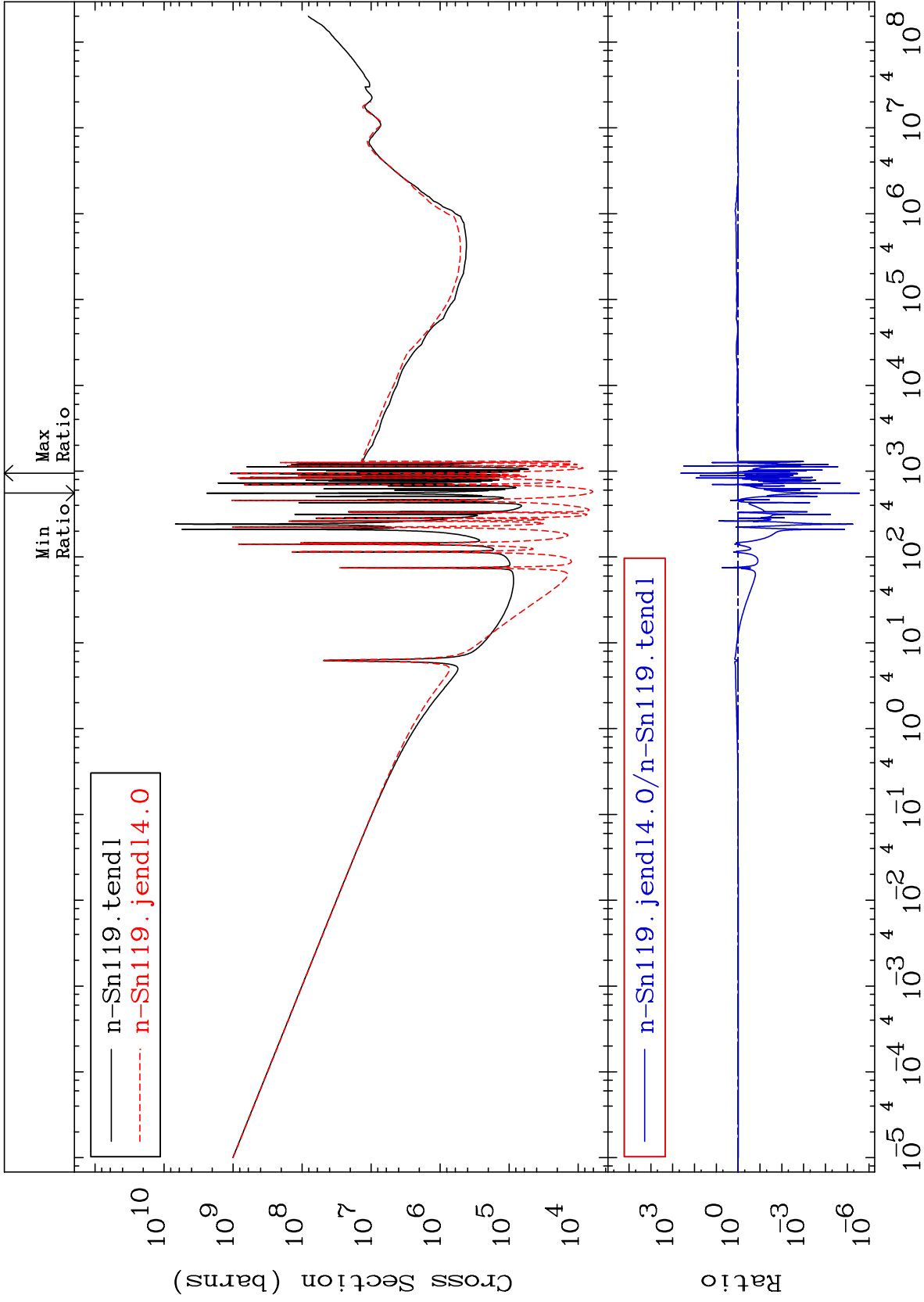
He-4 Production
Cross Section

50-Sn-119
-84.95 To 9999. %



— n-Sn119.tendl
- - - n-Sn119.jendl4.0

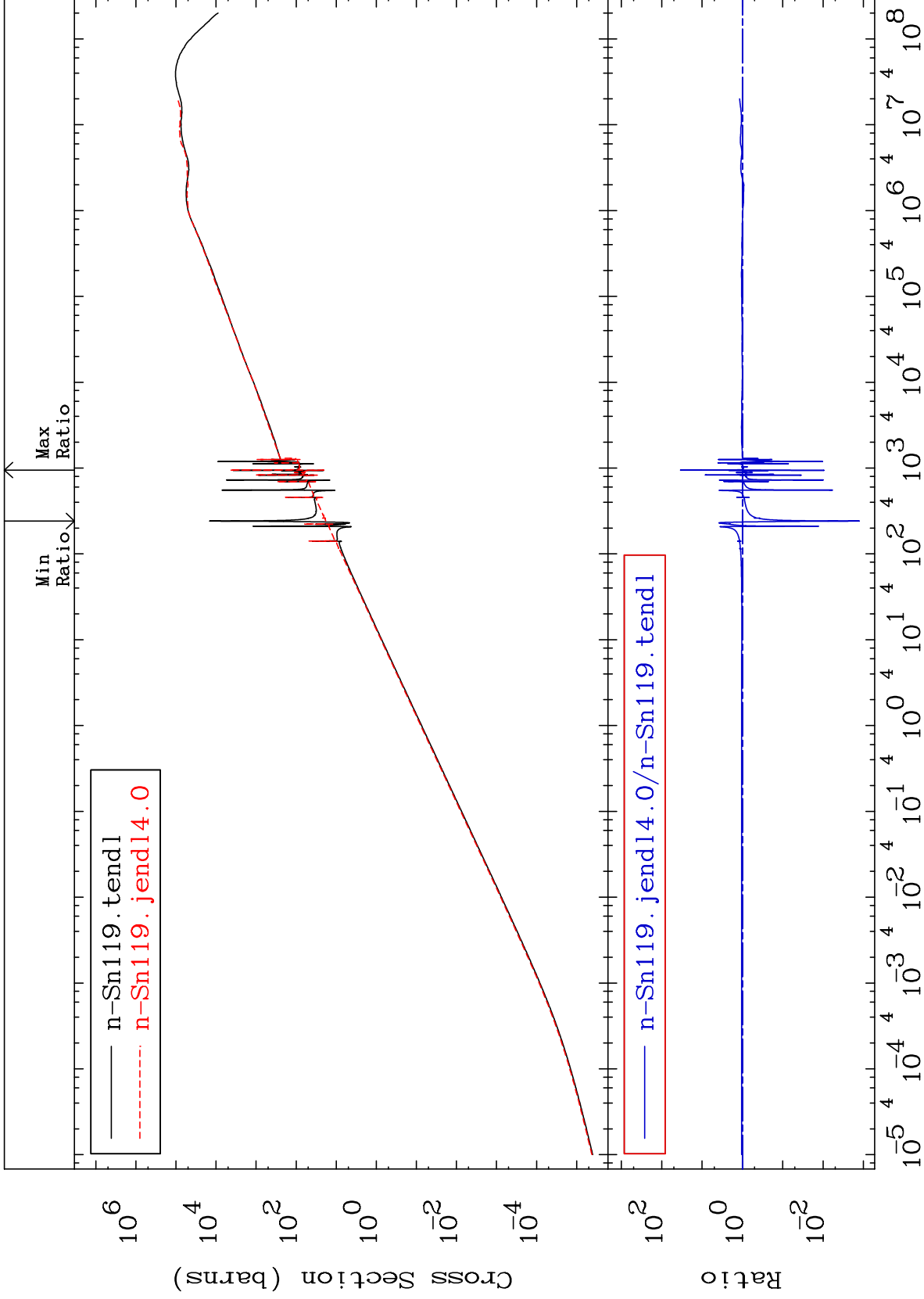
— n-Sn119.jendl4.0/n-Sn119.tendl

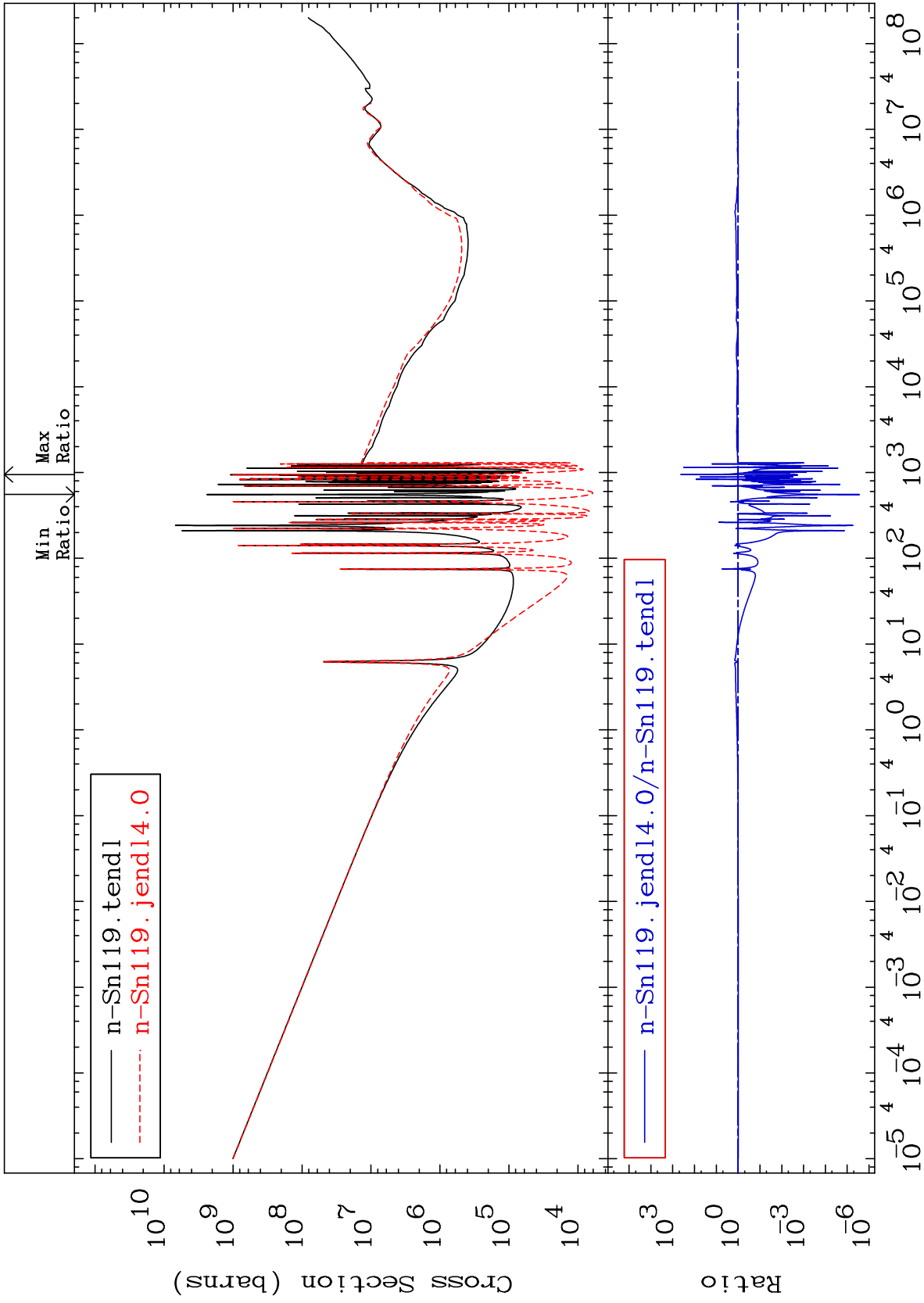


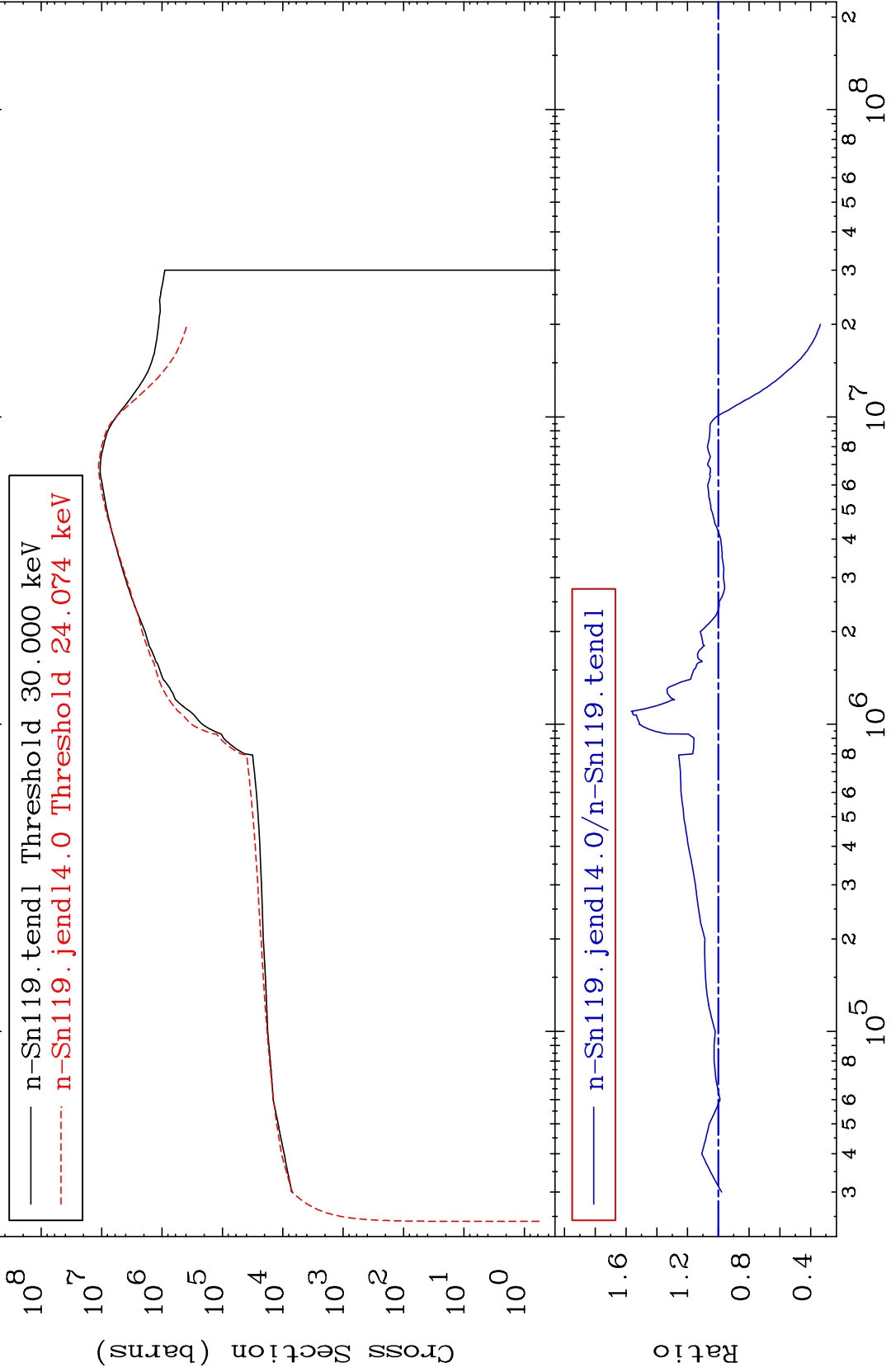
MAT 5046

Kerma elastic
Cross Section

50-Sn-119
-99.87 To 3354. %



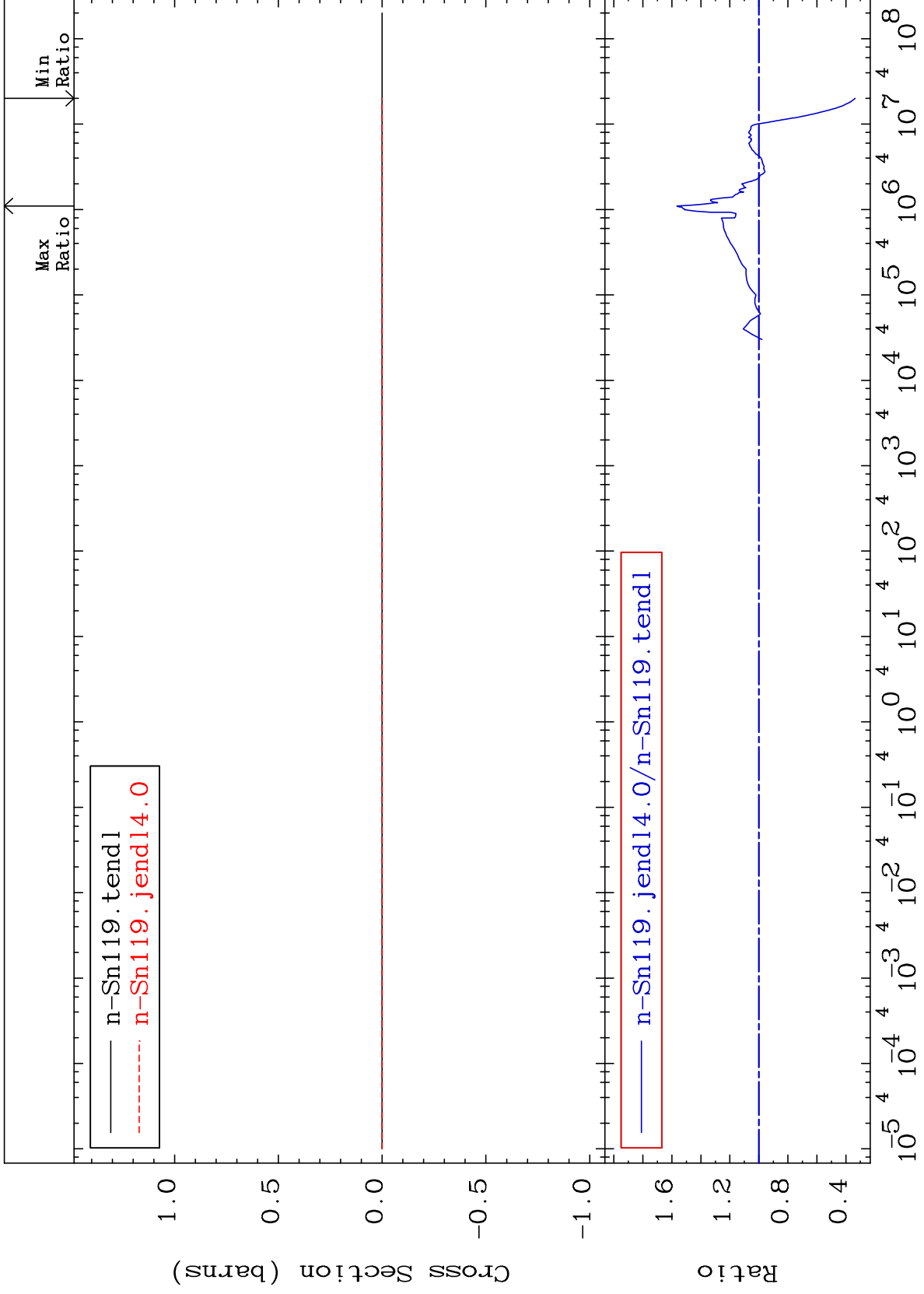


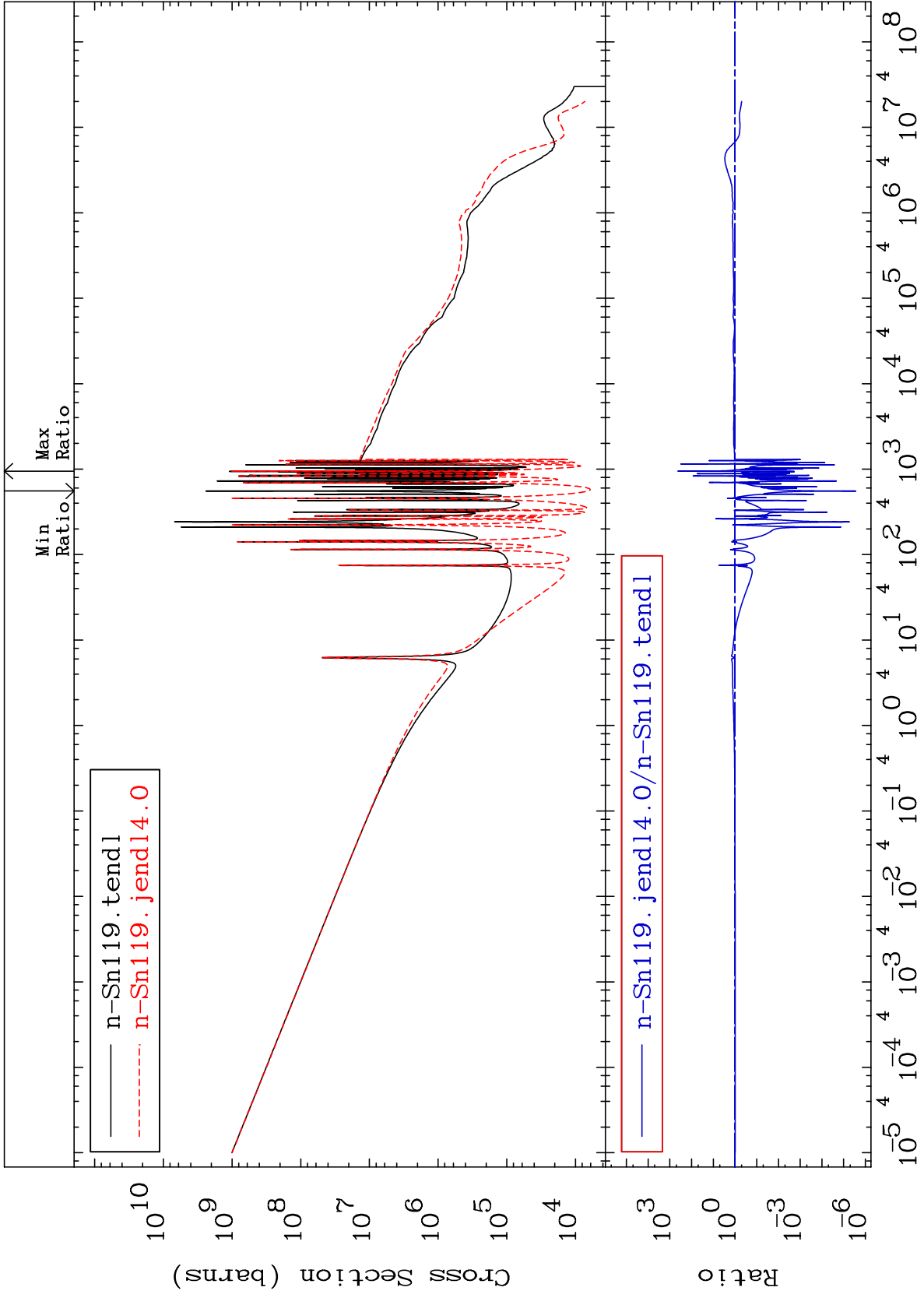


MAT 5046

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

50-Sn-119
-66.36 To 56.52 %

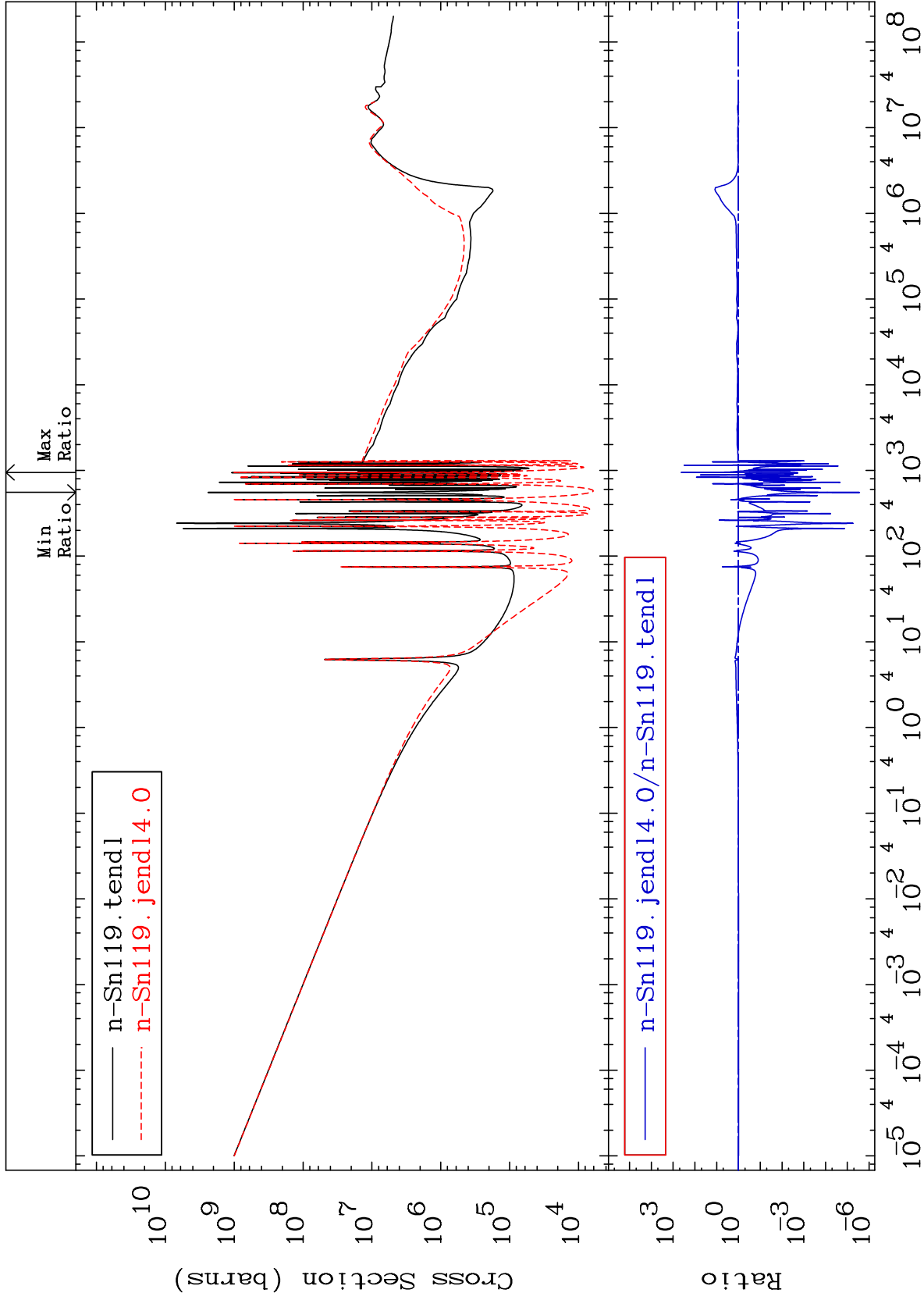




MAT 5046

Total photon (eV-barns)
Cross Section

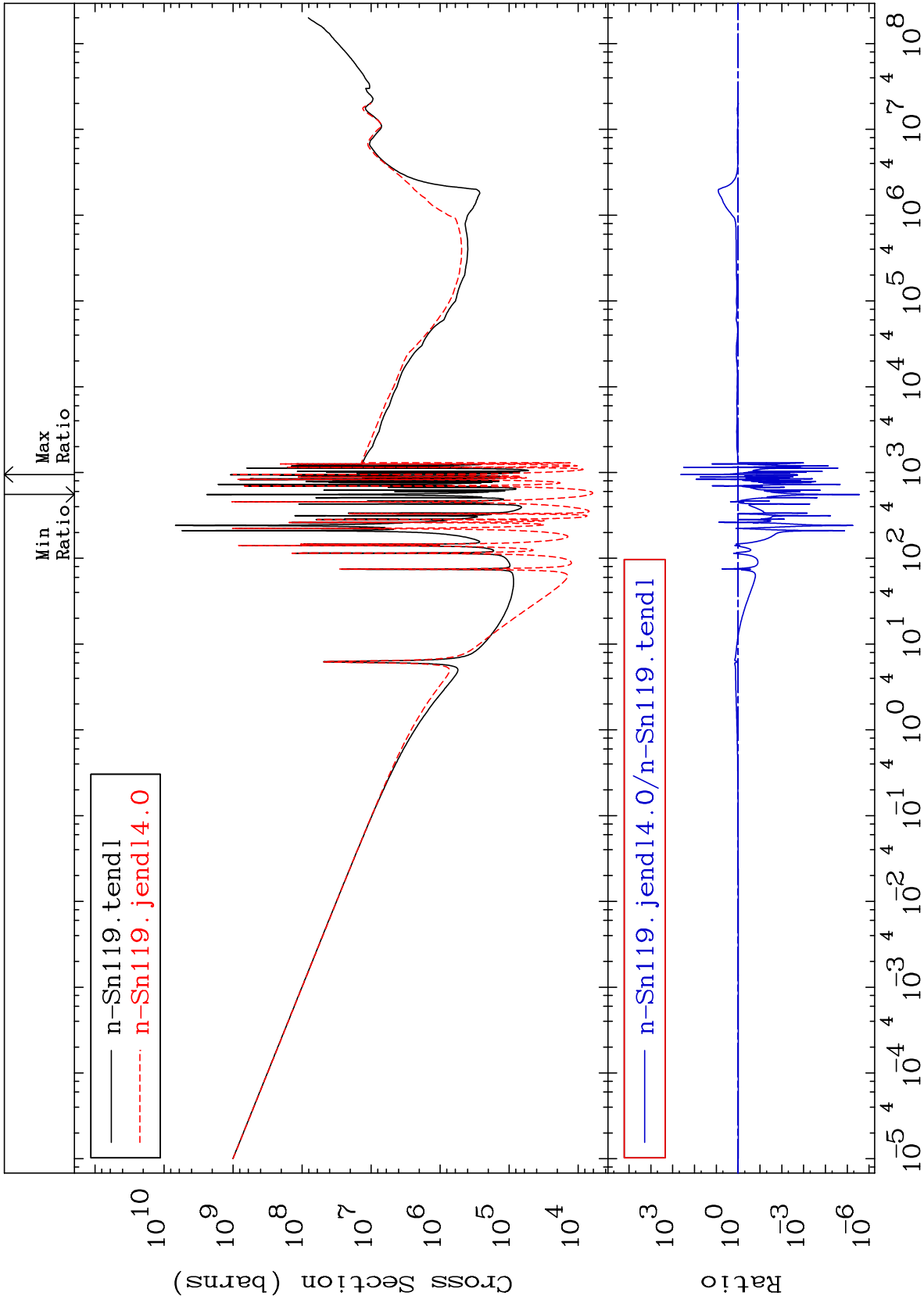
50-Sn-119
-100.0 To 9999. %



50

Incident Energy (eV)

50-Sn-119

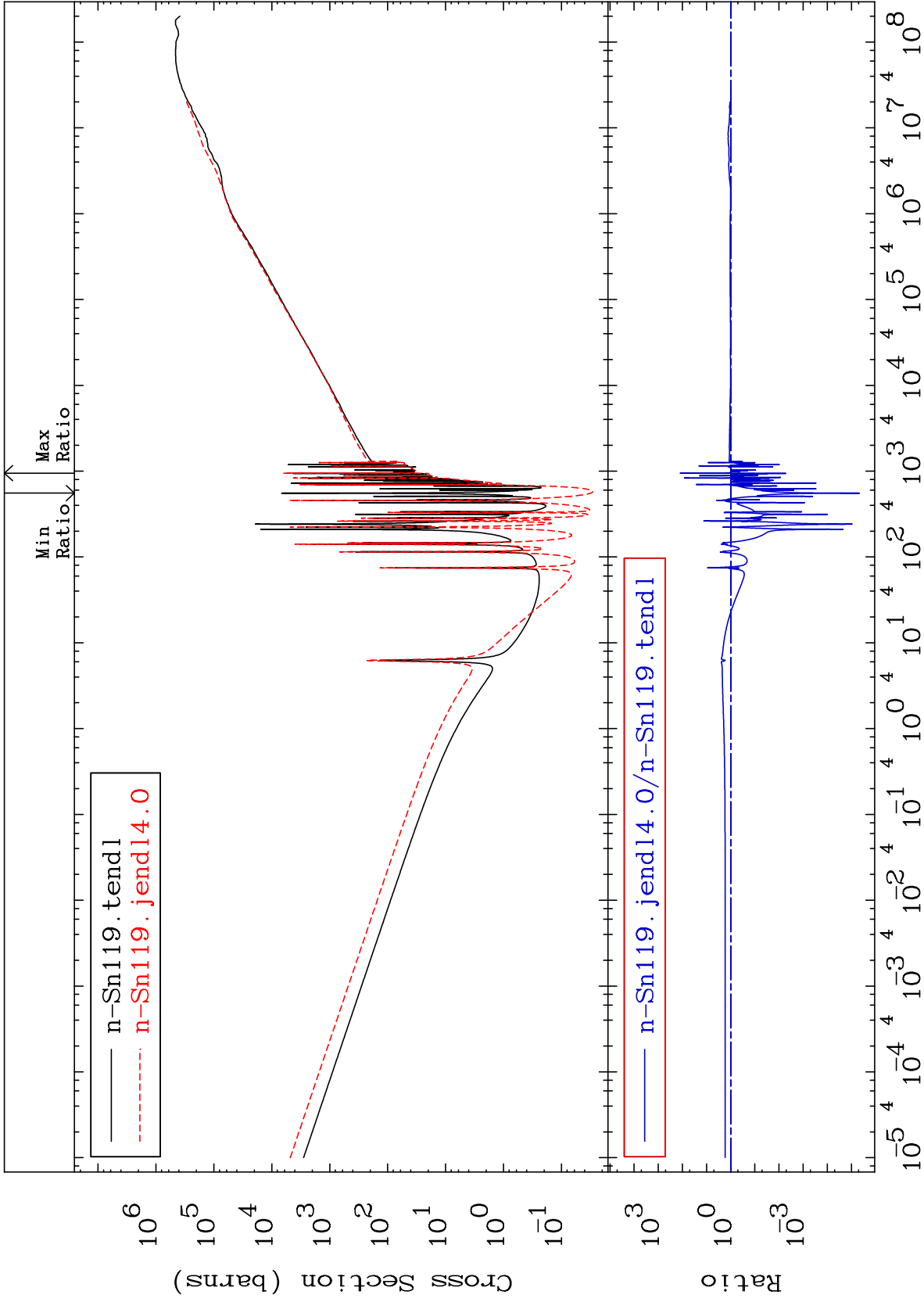


MAT 5046

Dpa total (eV-barns)

50-Sn-119

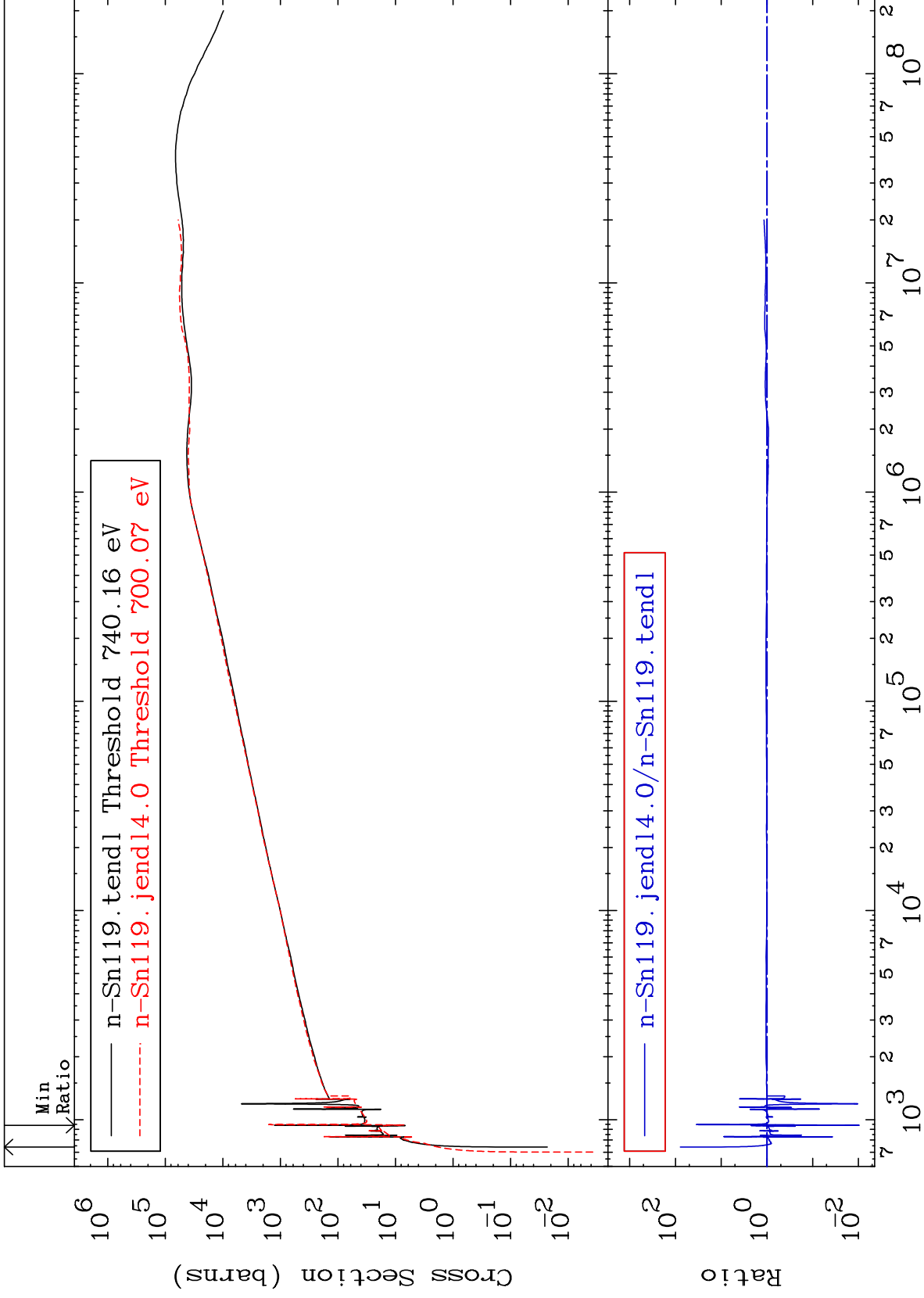
-100.0 To 9999. %



MAT 5046

Dpa elastic (mt2)
Cross Section

50-Sn-119
-99.05 To 7715. %



MAT 5046

Dpa inelastic (mt51-91)
Cross Section

50-Sn-119
-2.150 To 106.1 %

