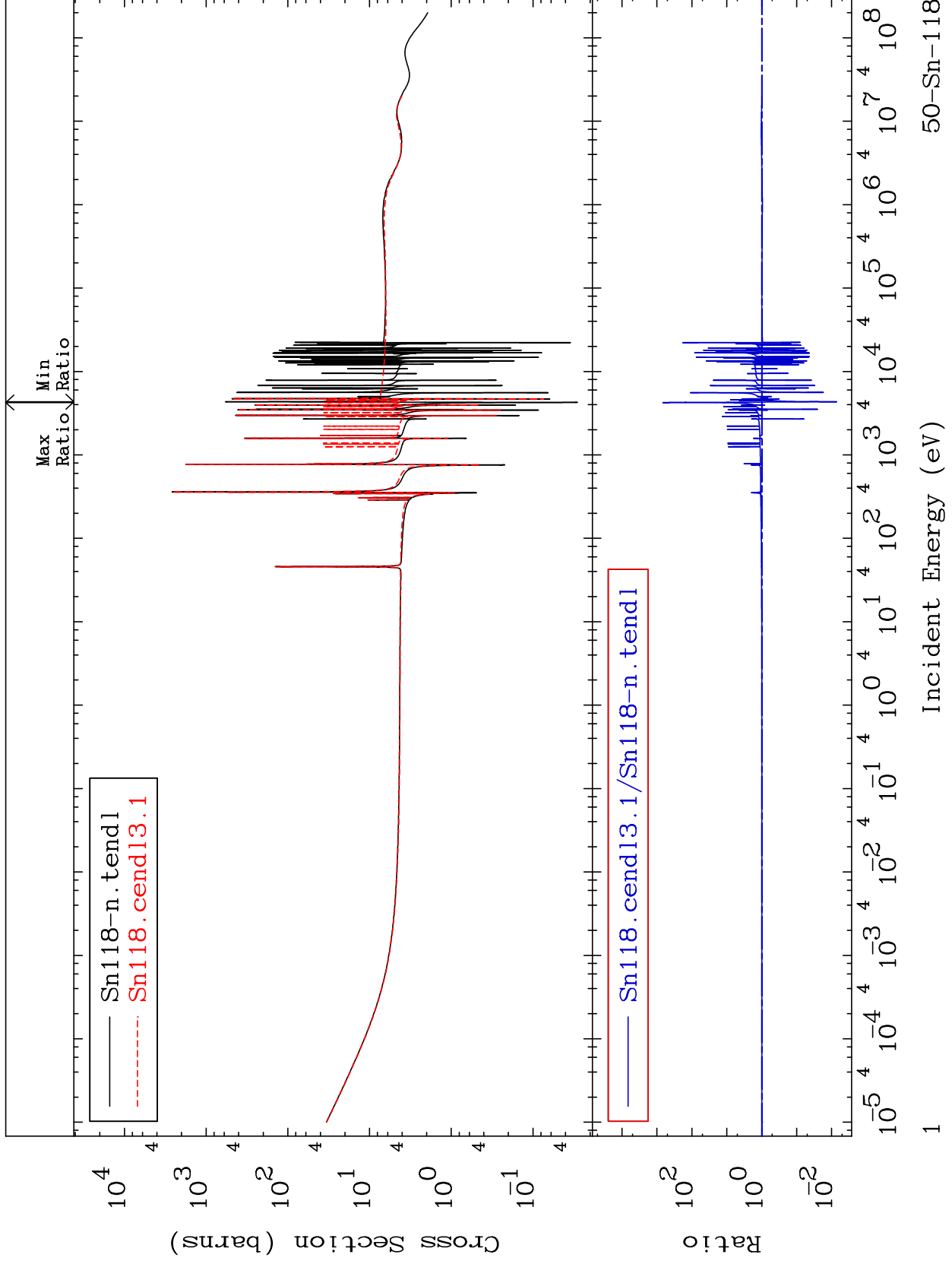


MAT 5043

Total  
Cross Section

50-Sn-118  
-99.29 To 9999. %

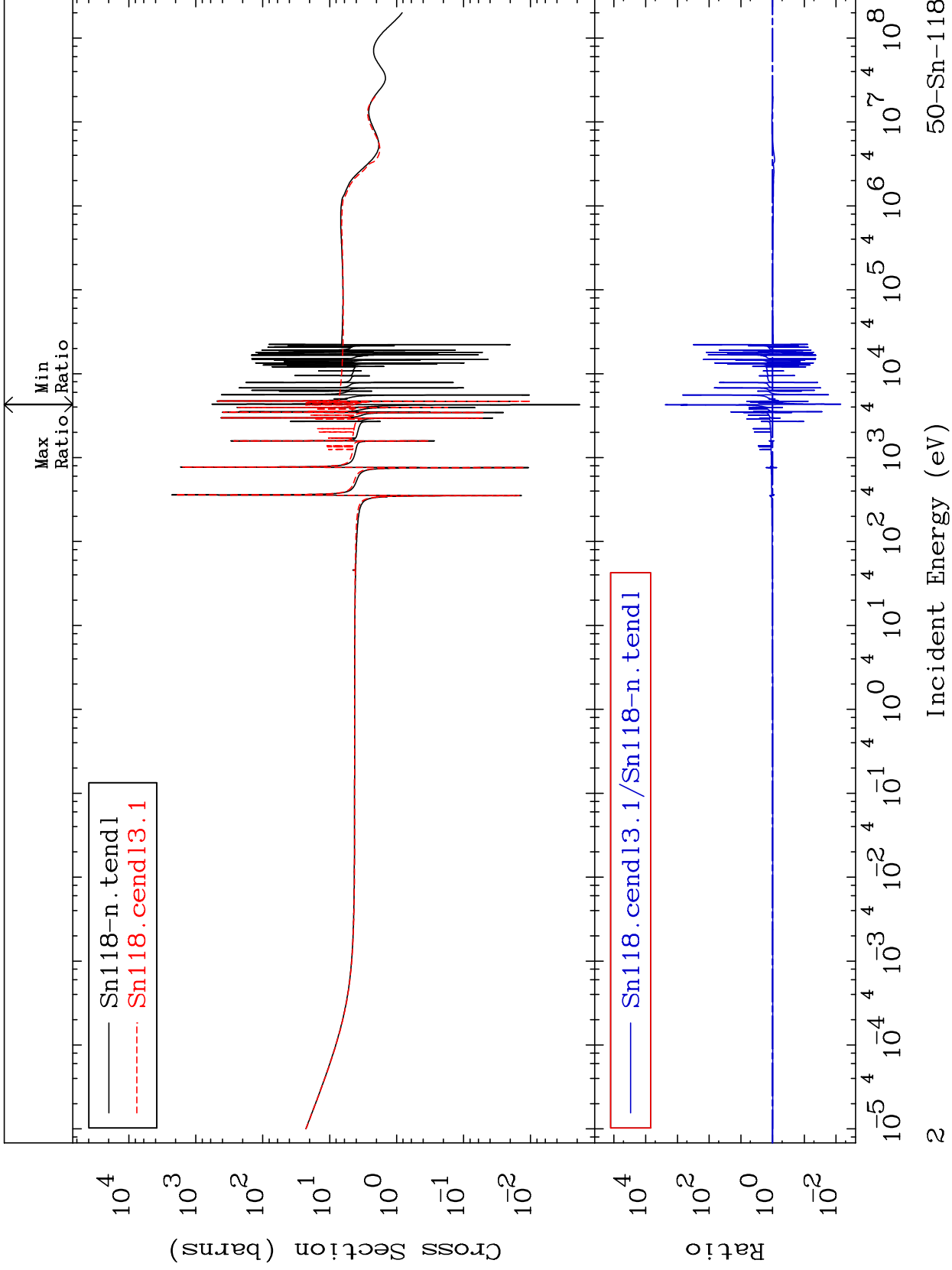


50-Sn-118

MAT 5043

Elastic  
Cross Section

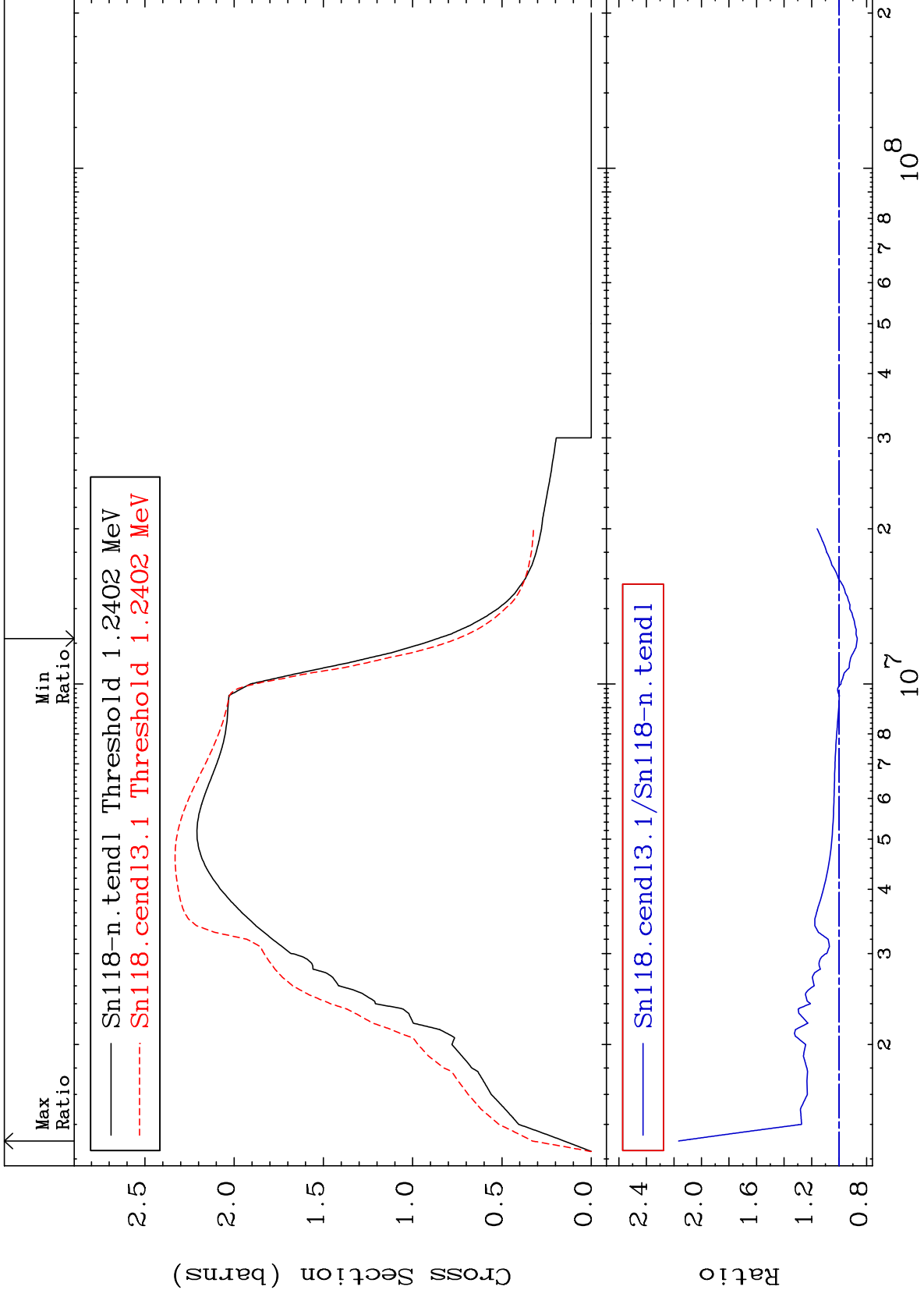
50-Sn-118  
-99.29 To 9999. %



MAT 5043

Inelastic  
Cross Section

50-Sn-118  
-13.14 To 116.6 %



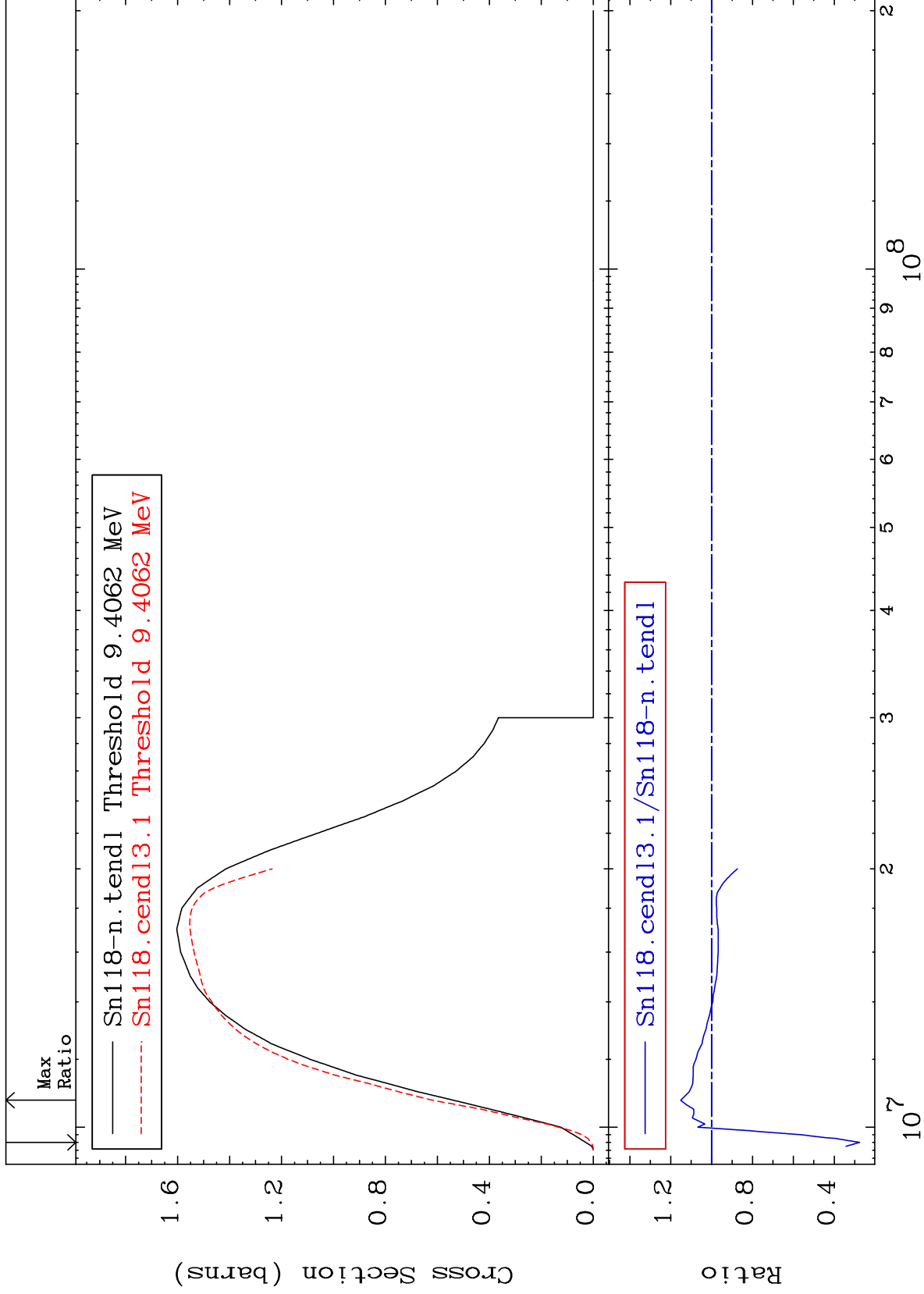
MAT 5043

(n,2n)

50-Sn-118

Cross Section

-72.37 To 15.10 %



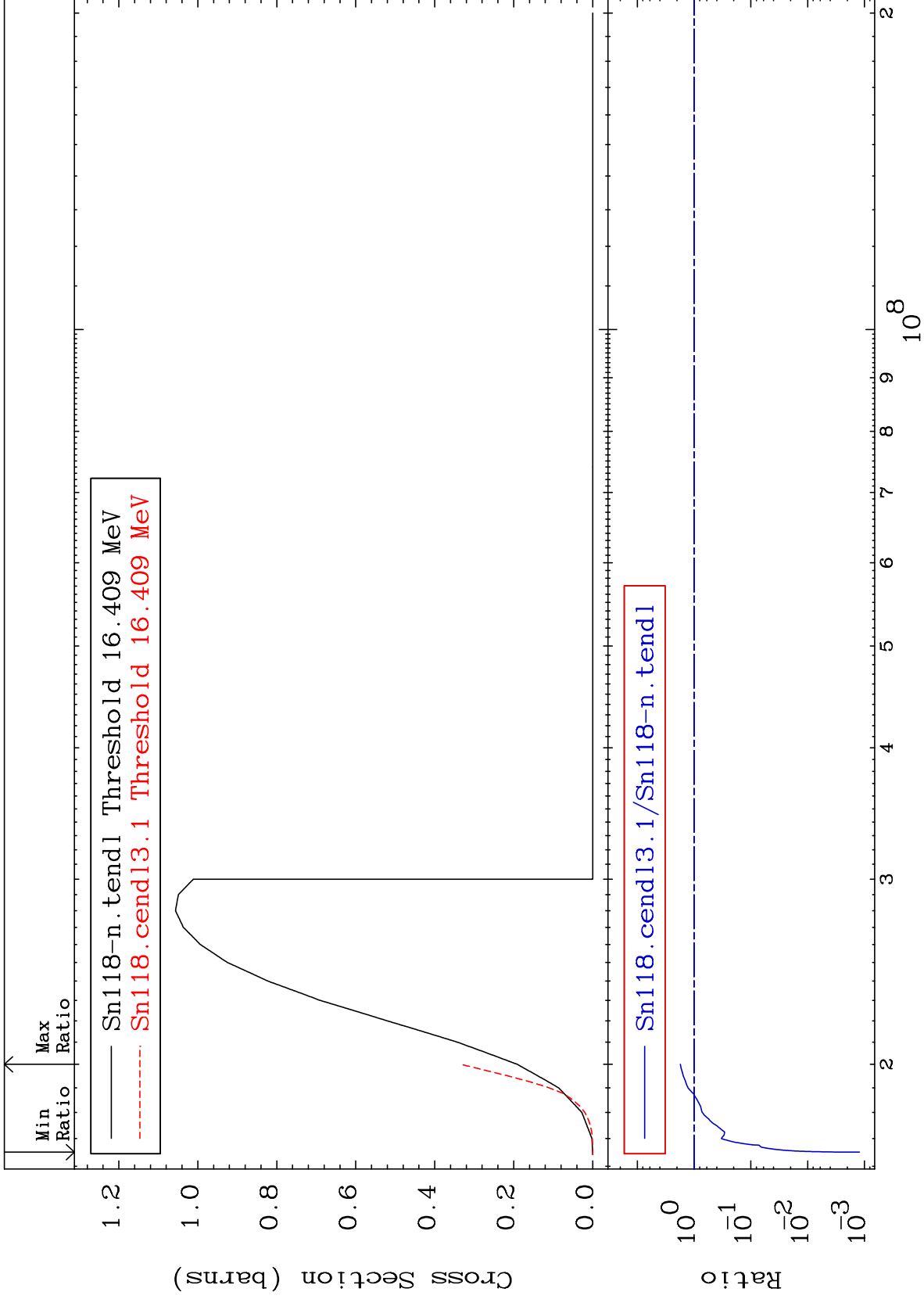
Incident Energy (eV)

50-Sn-118

MAT 5043

(n,3n)  
Cross Section

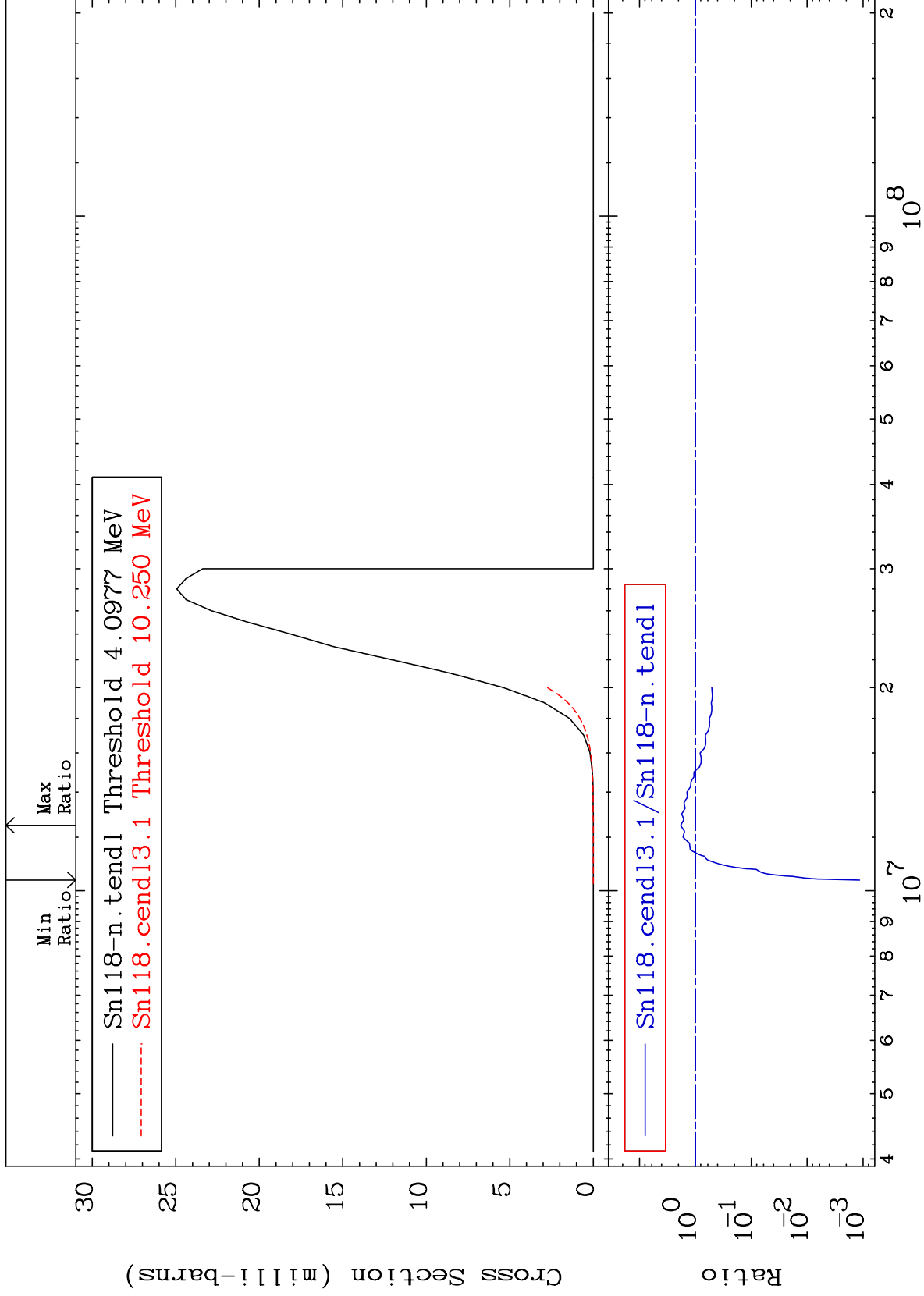
50-Sn-118  
-99.88 To 74.64 %



MAT 5043

(n,n')  $\alpha$   
Cross Section

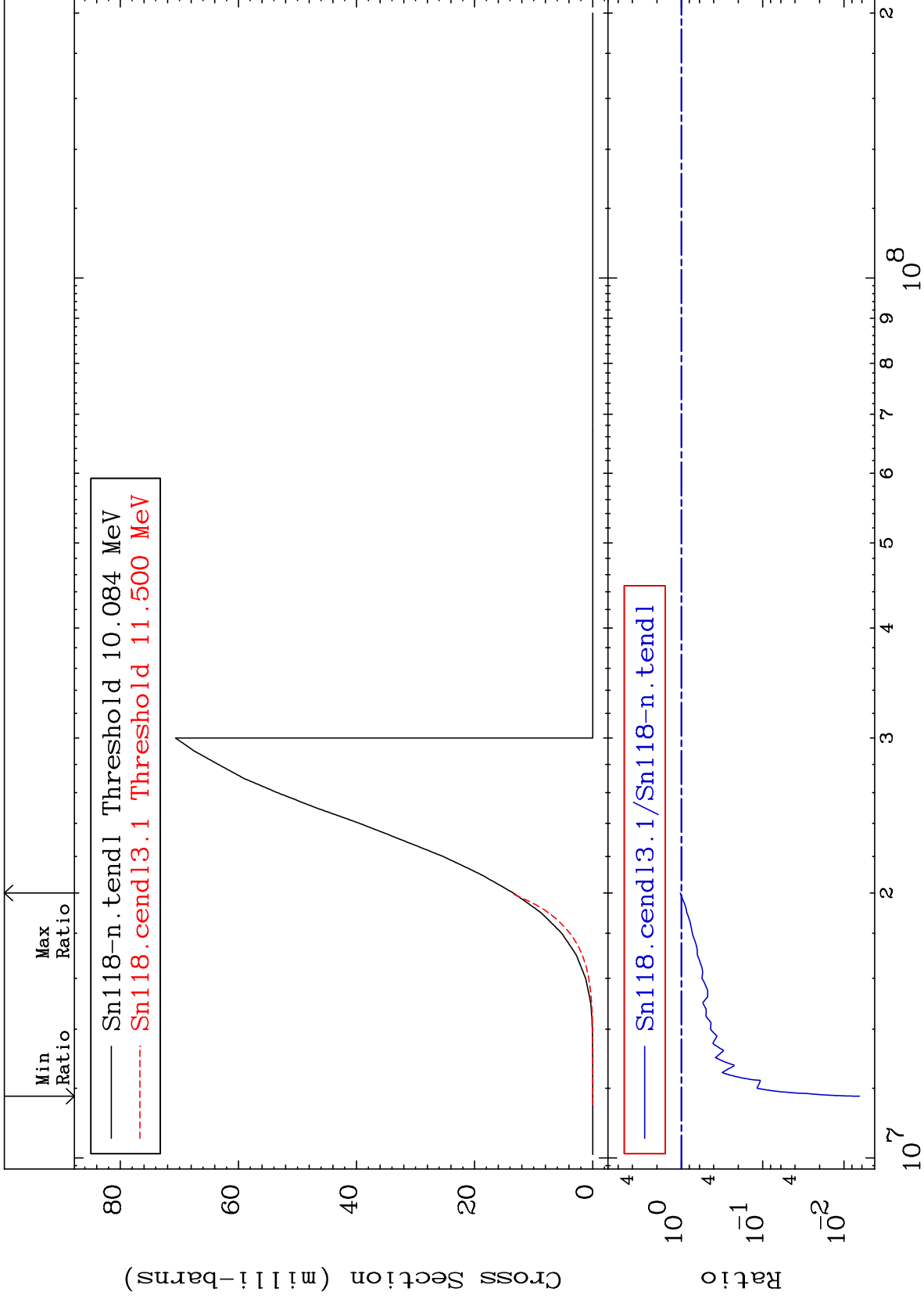
50-Sn-118  
-99.88 To 82.07 %



MAT 5043

(n,n') p  
Cross Section

50-Sn-118  
-99.35 To 3.005 %



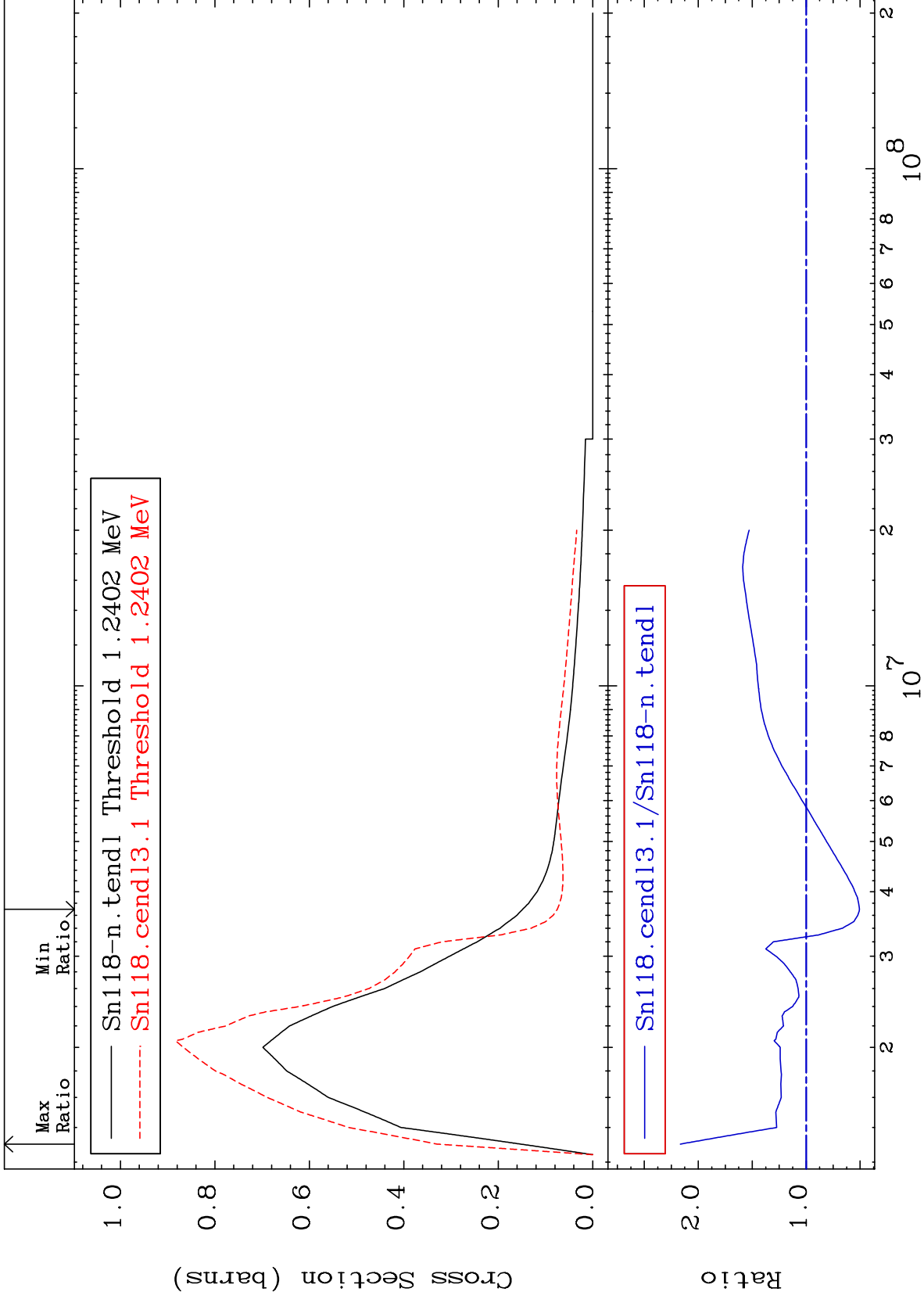
50-Sn-118

Incident Energy (eV)

MAT 5043

1.230 MeV (n,n') Level  
Cross Section

50-Sn-118  
-49.33 To 116.6 %

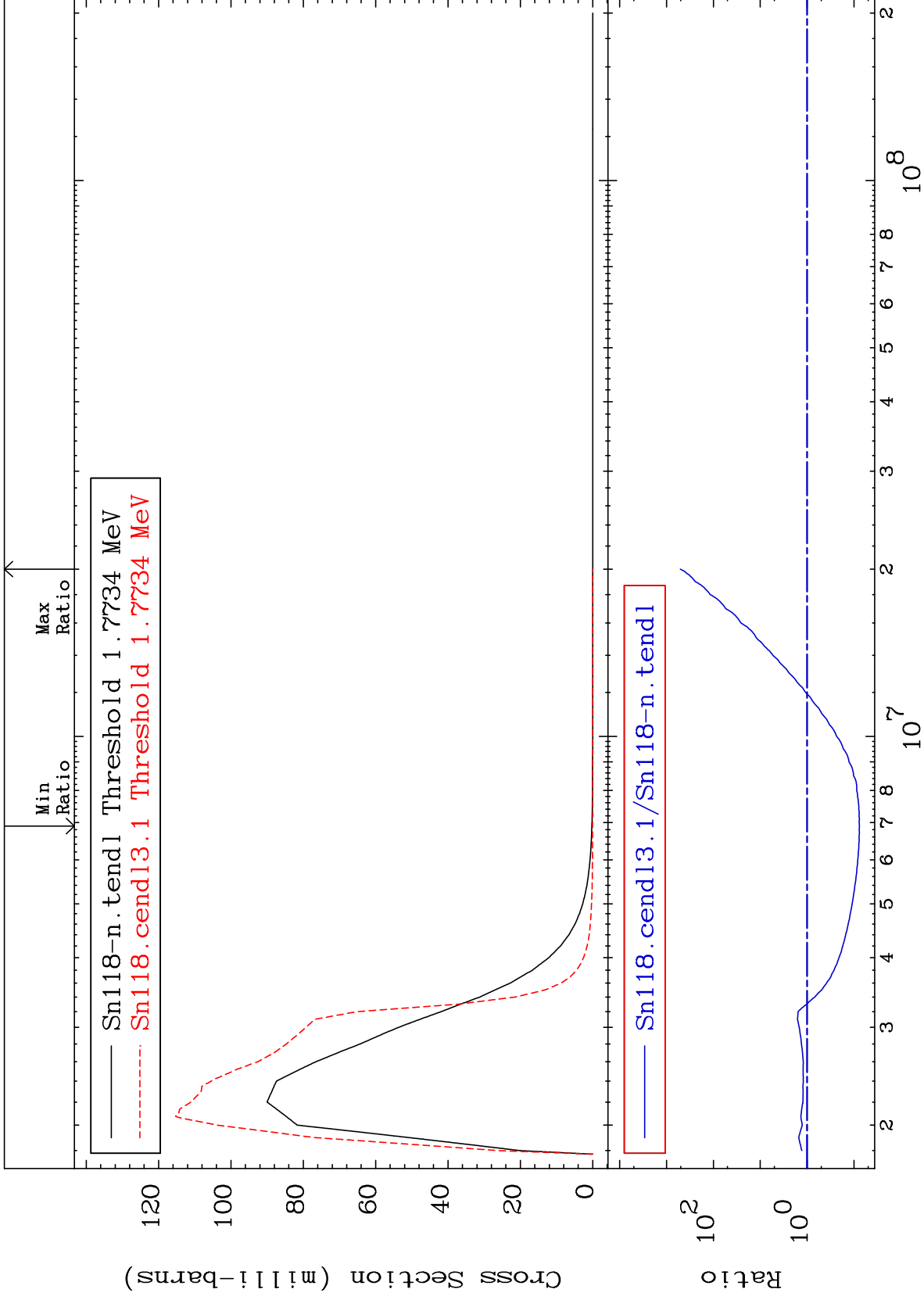




MAT 5043

1.758 MeV (n,n') Level  
Cross Section

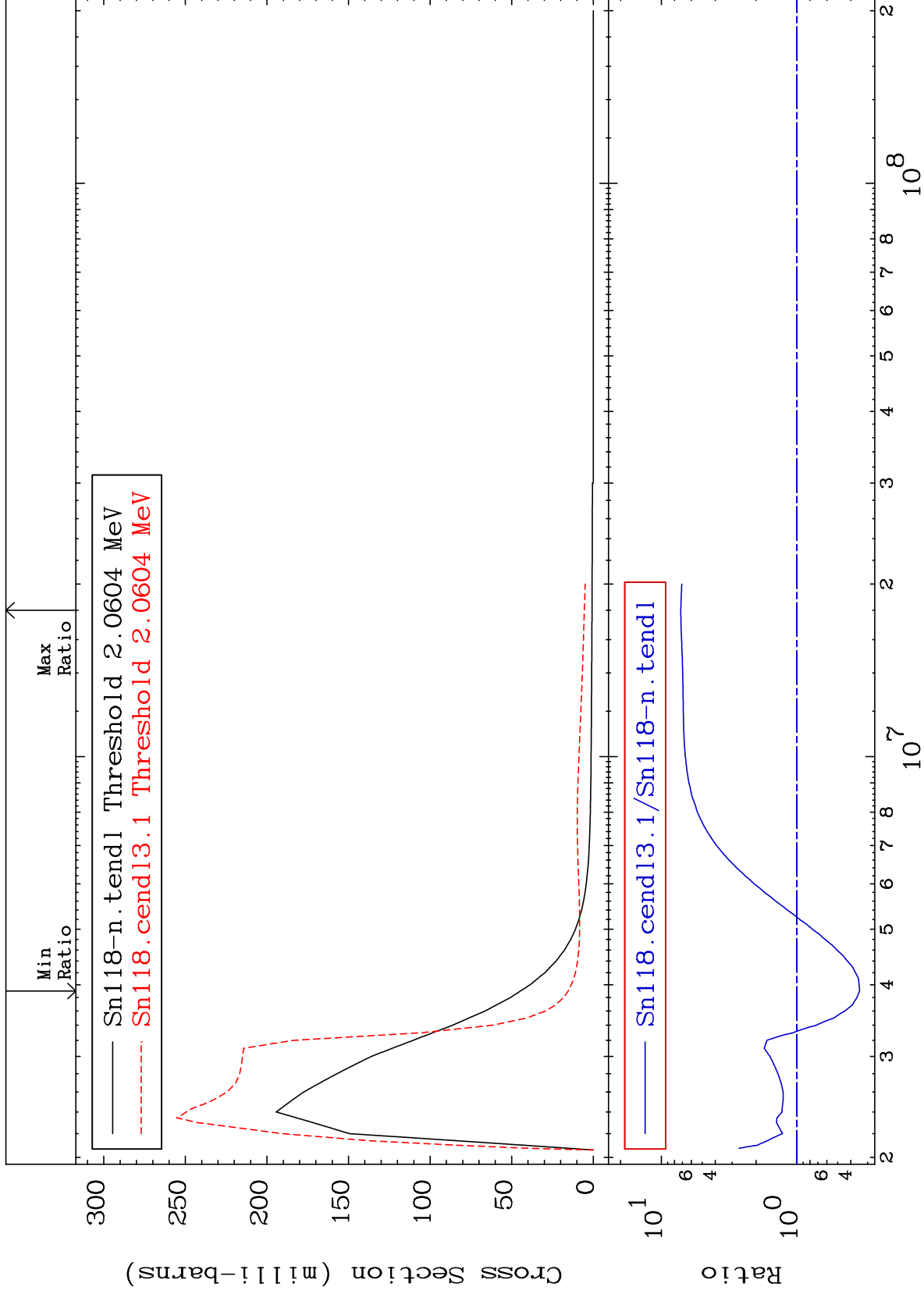
50-Sn-118  
-92.35 To 9999. %



MAT 5043

2.043 MeV (n,n') Level  
Cross Section

50-Sn-118  
-65.54 To 618.8 %



10

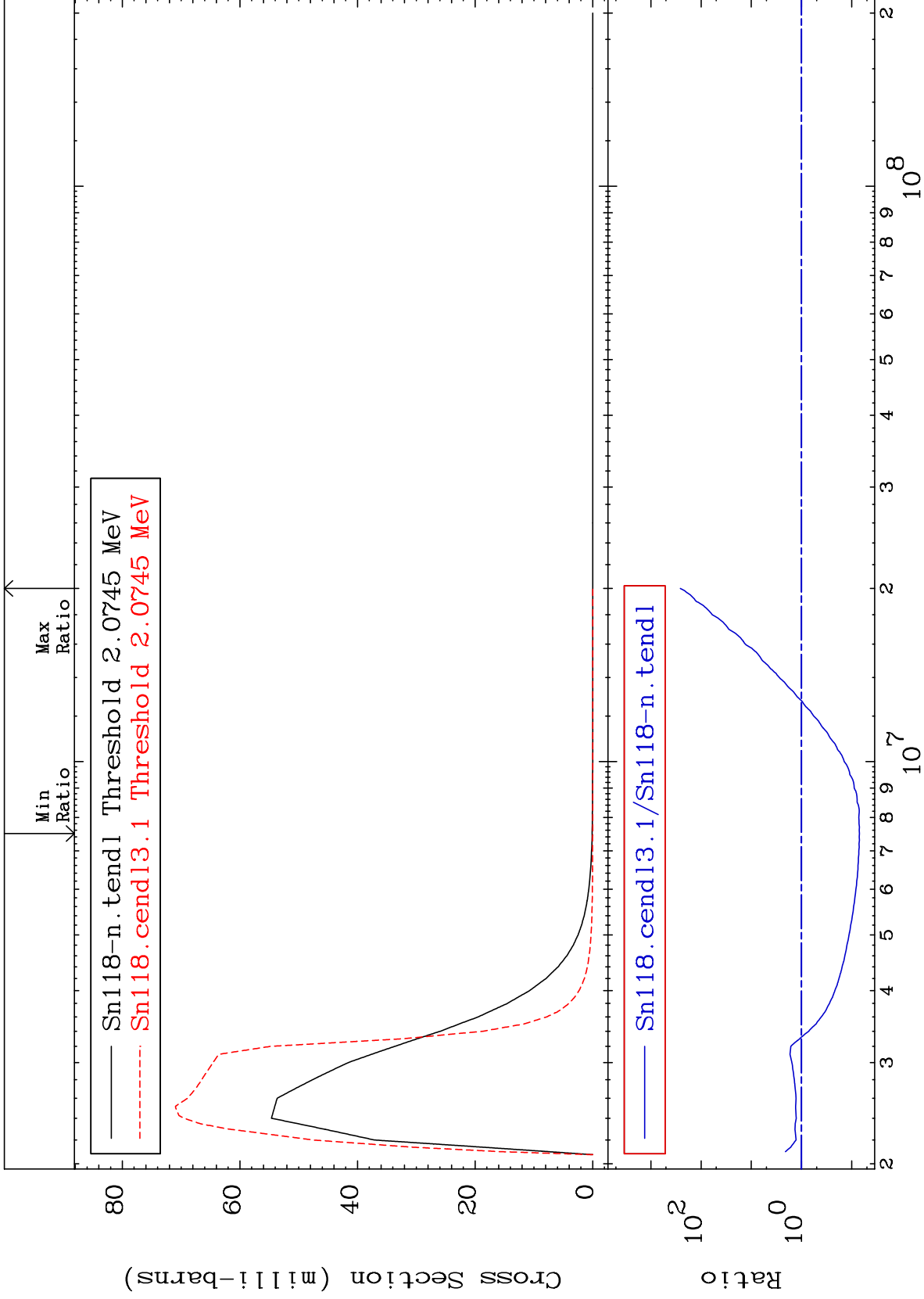
Incident Energy (eV)

50-Sn-118

MAT 5043

2.057 MeV (n,n') Level  
Cross Section

50-Sn-118  
-92.98 To 9999. %



11

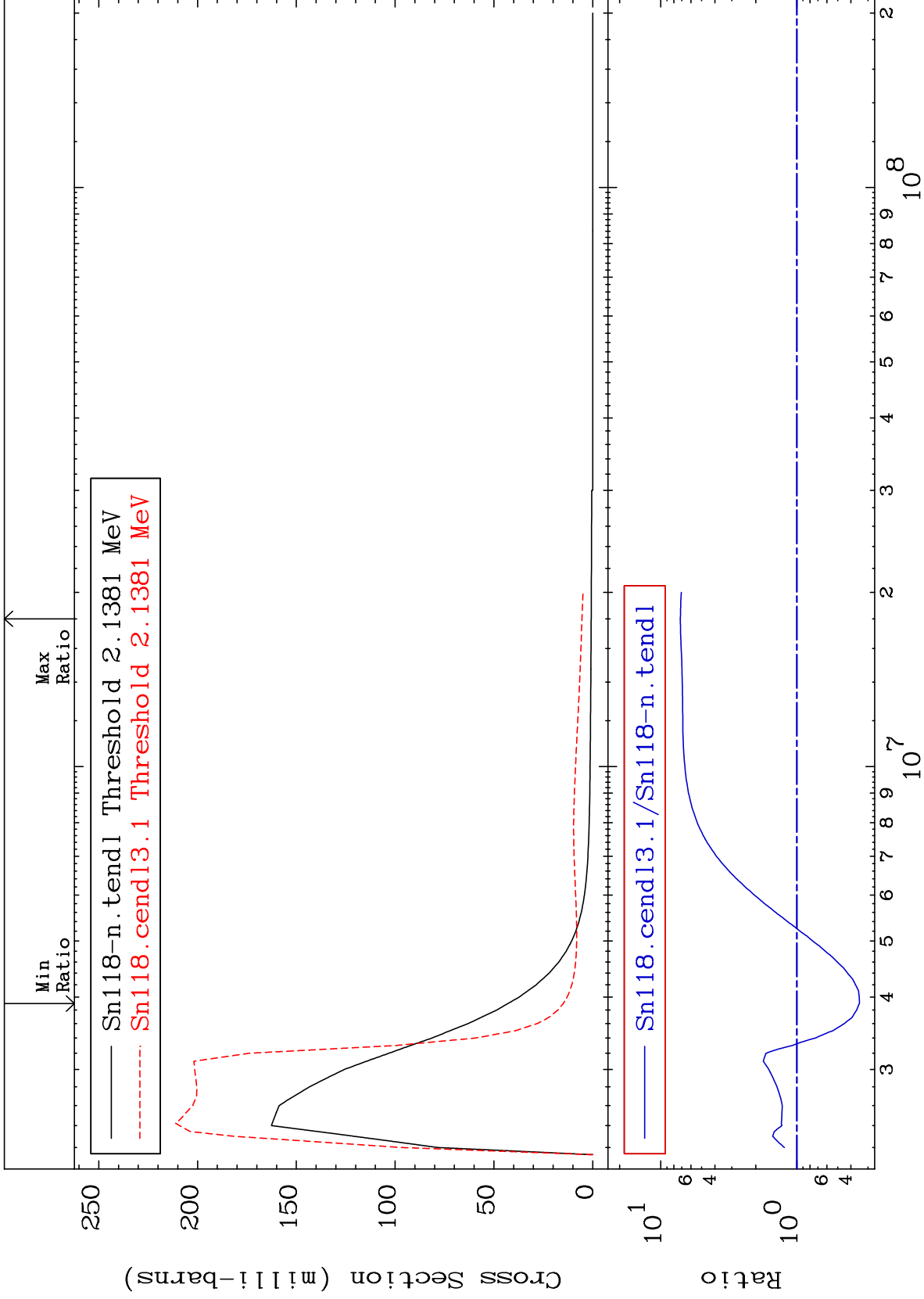
Incident Energy (eV)

50-Sn-118

MAT 5043

2.120 MeV (n,n') Level  
Cross Section

50-Sn-118  
-65.35 To 616.6 %



12

Incident Energy (eV)

50-Sn-118

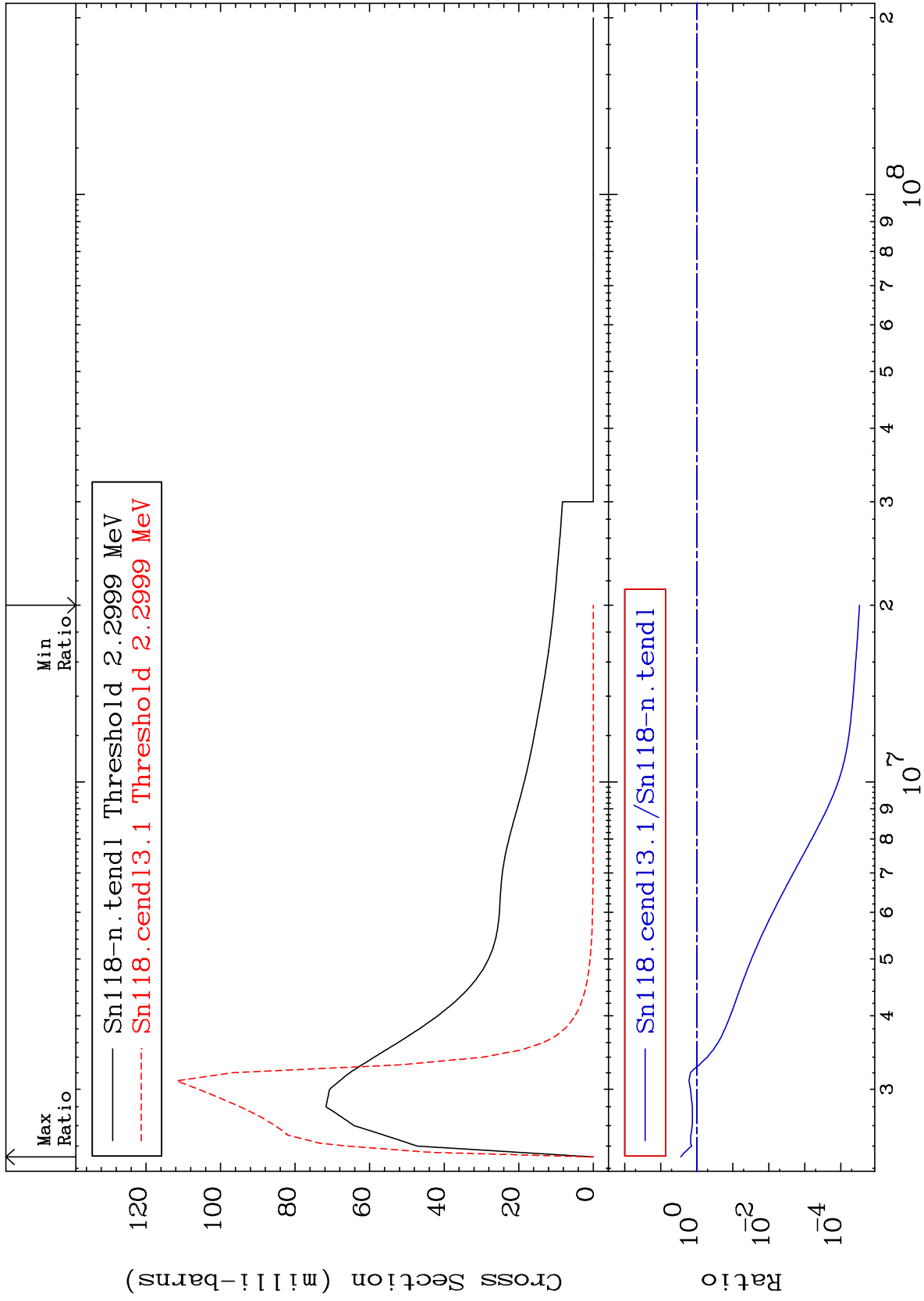
MAT 5043

2.280 MeV (n,n') Level

50-Sn-118

-100.0 To 177.3 %

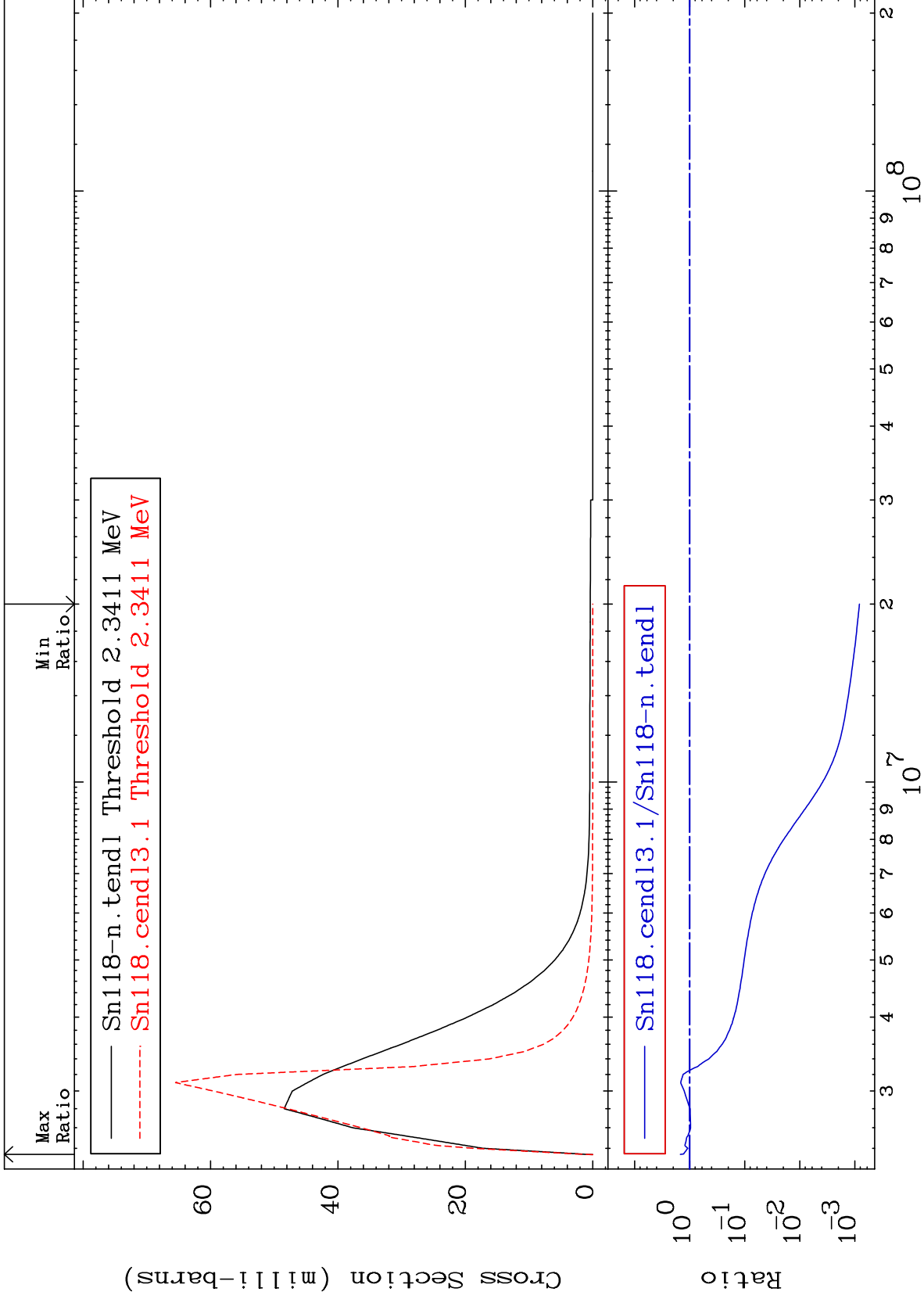
Cross Section



MAT 5043

2.321 MeV (n,n') Level  
Cross Section

50-Sn-118  
-99.92 To 48.12 %



14

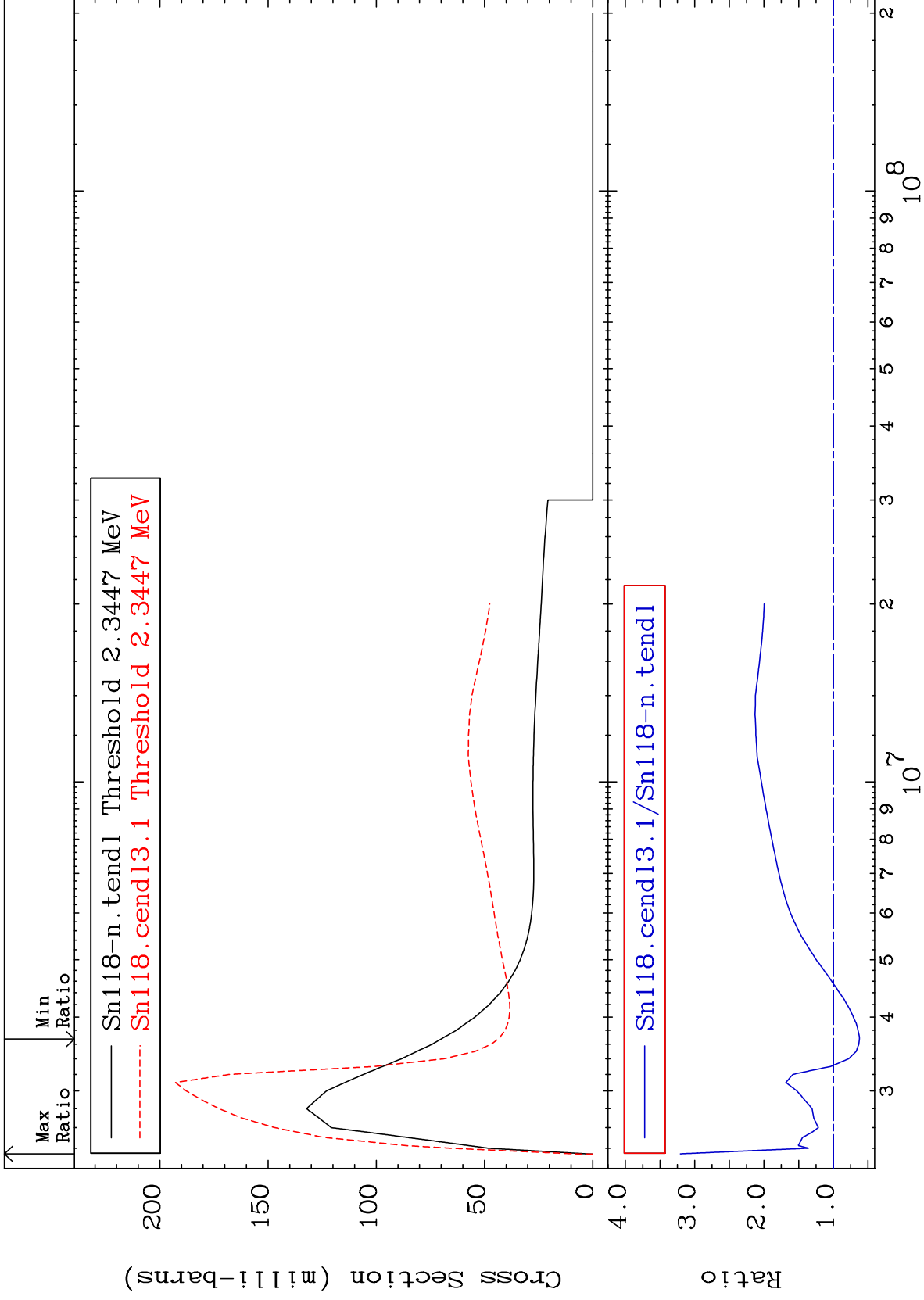
Incident Energy (eV)

50-Sn-118

MAT 5043

2.325 MeV (n,n') Level  
Cross Section

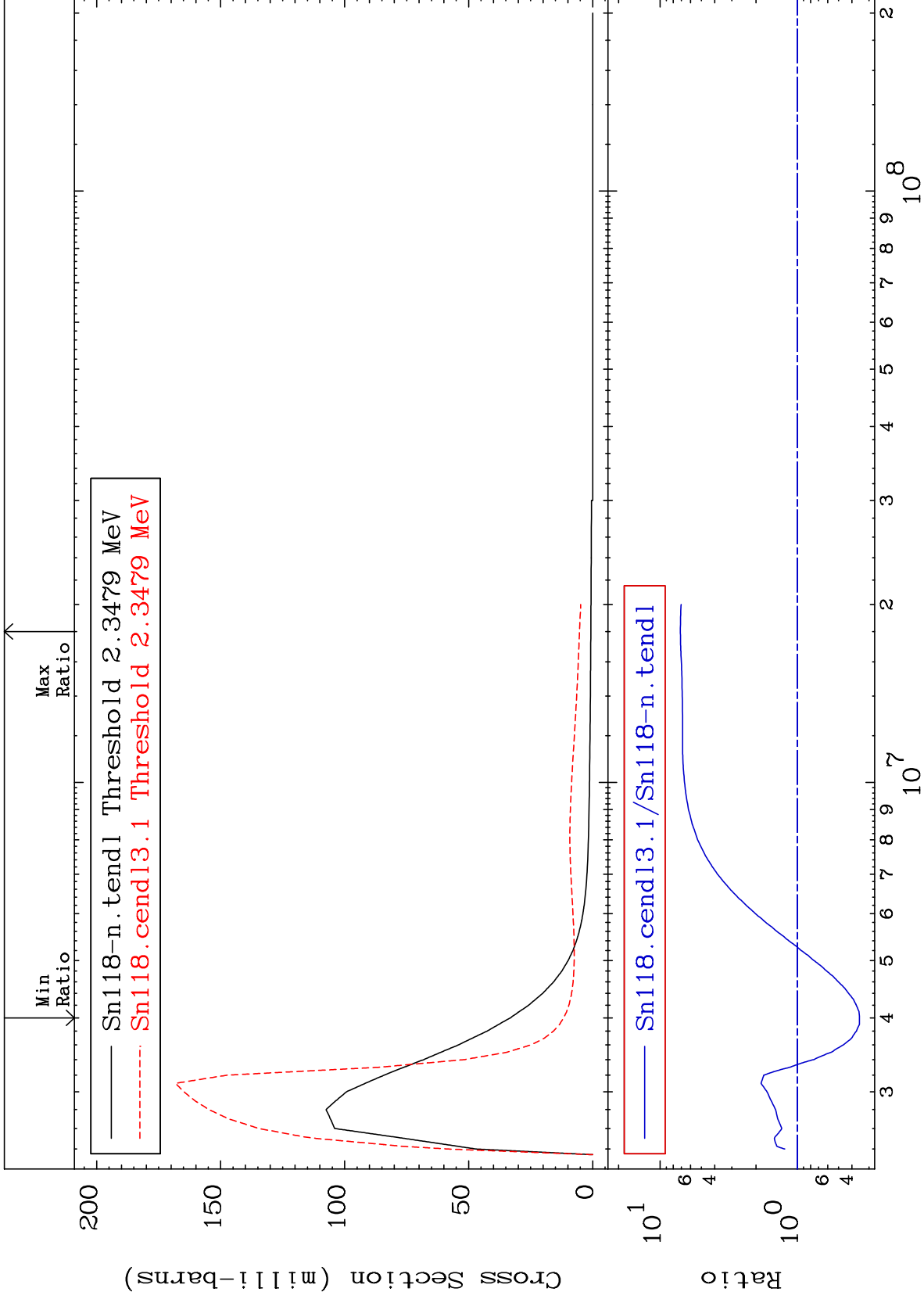
50-Sn-118  
-37.69 To 220.7 %



MAT 5043

2.328 MeV (n,n') Level  
Cross Section

50-Sn-118  
-64.75 To 610.6 %





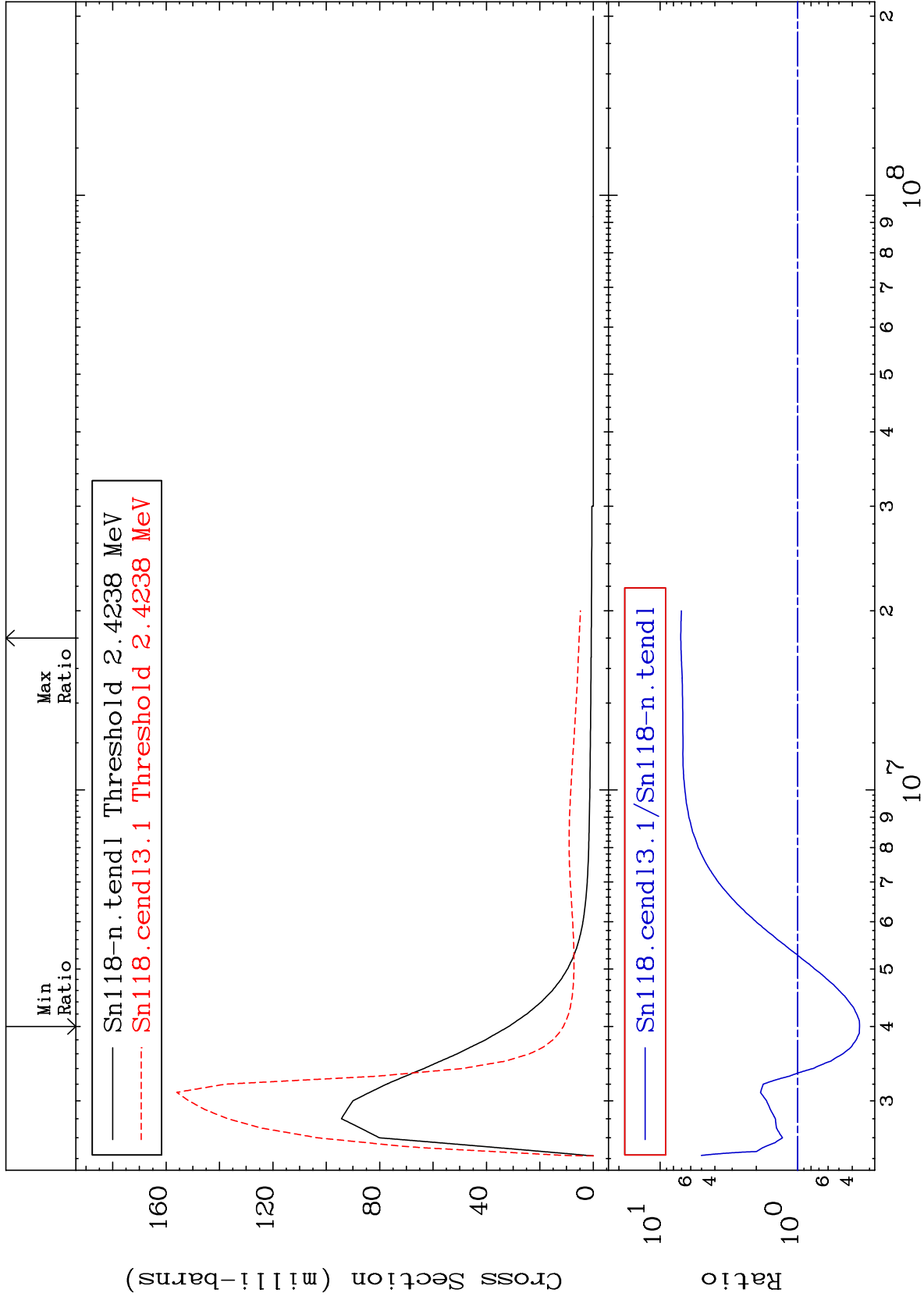
MAT 5043

2.403 MeV (n,n') Level

50-Sn-118

-64.55 To 608.3 %

Cross Section



17

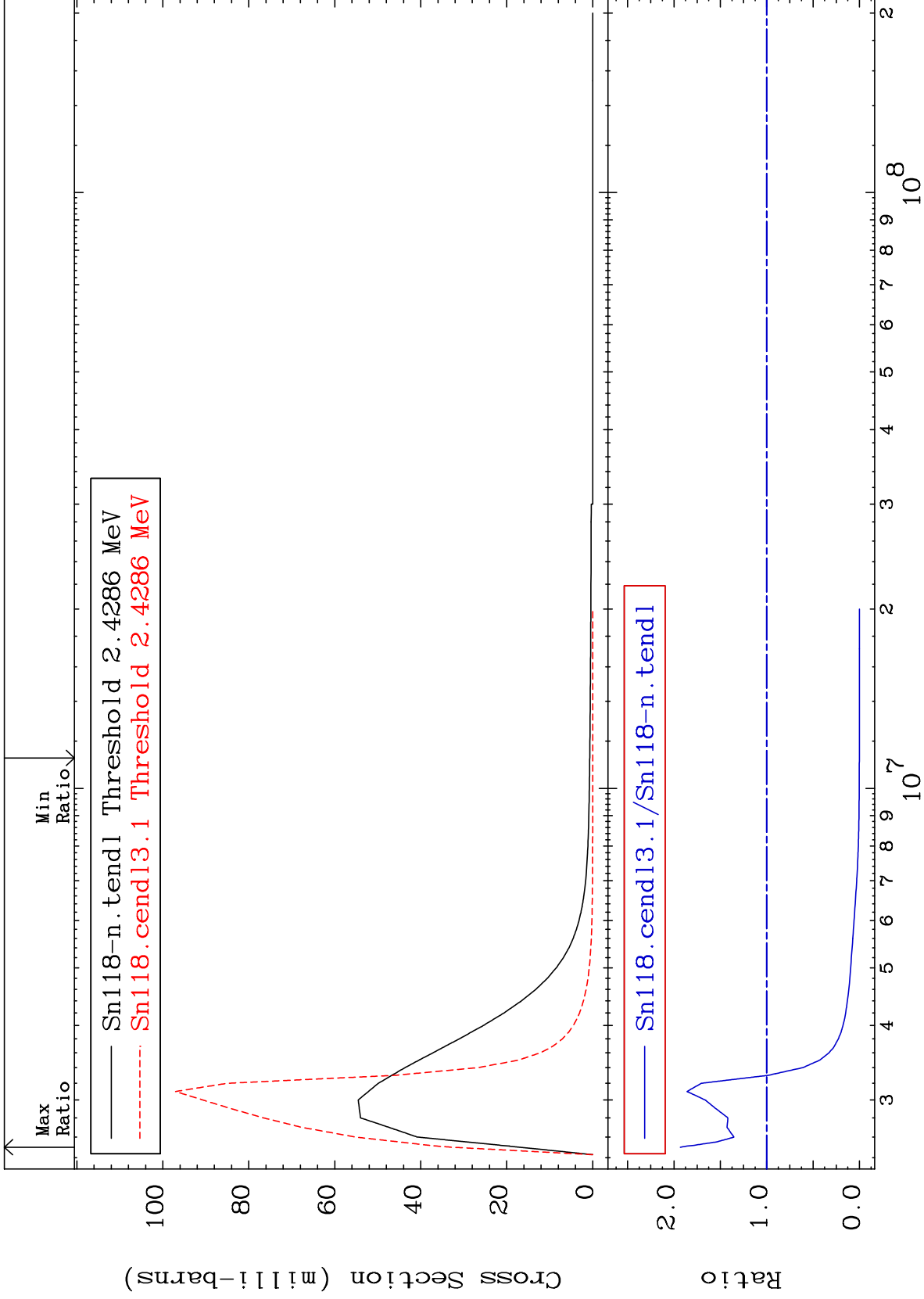
Incident Energy (eV)

50-Sn-118

MAT 5043

2.408 MeV (n,n') Level  
Cross Section

50-Sn-118  
-100.0 To 93.11 %



18

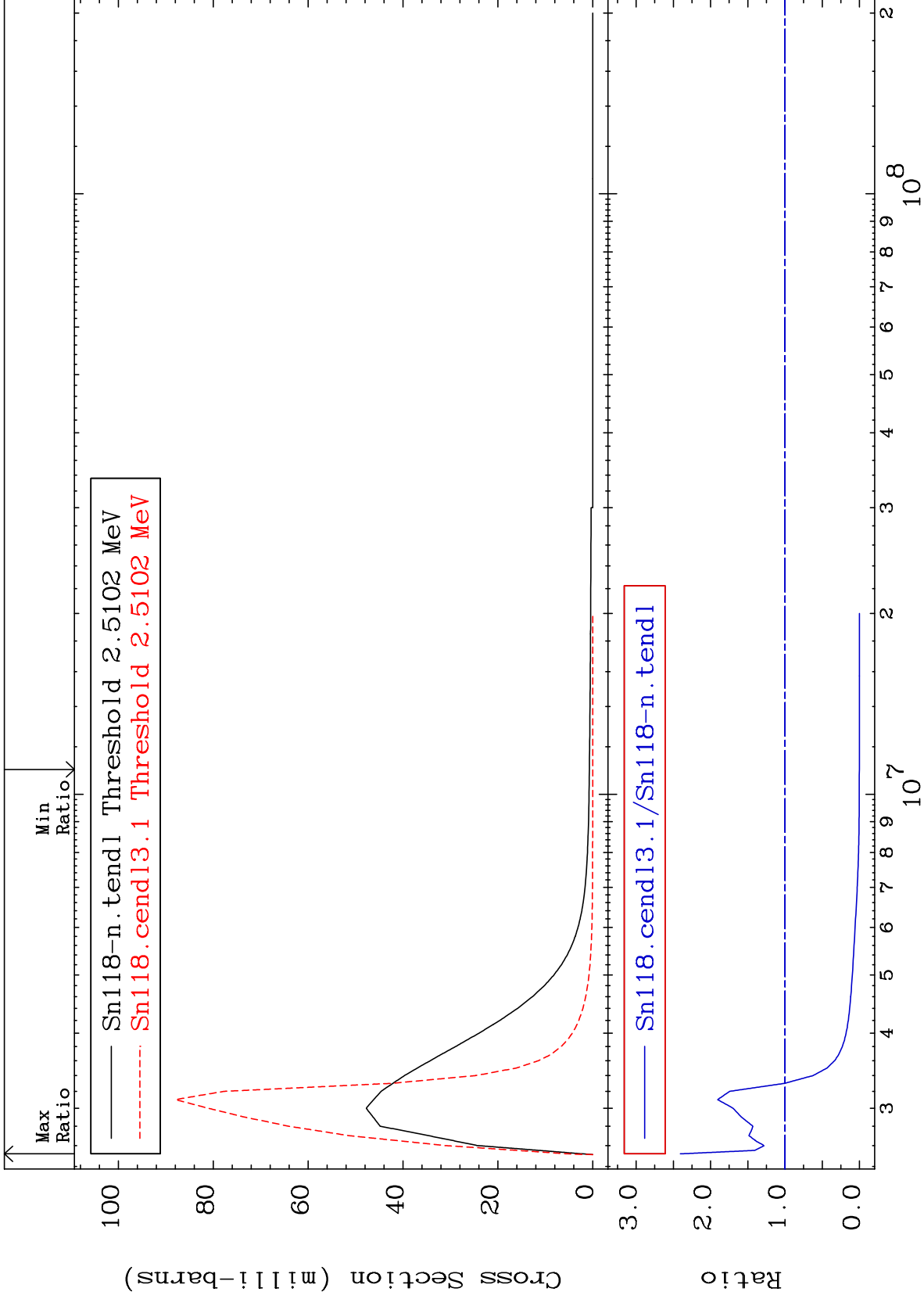
Incident Energy (eV)

50-Sn-118

MAT 5043

2.489 MeV (n,n') Level  
Cross Section

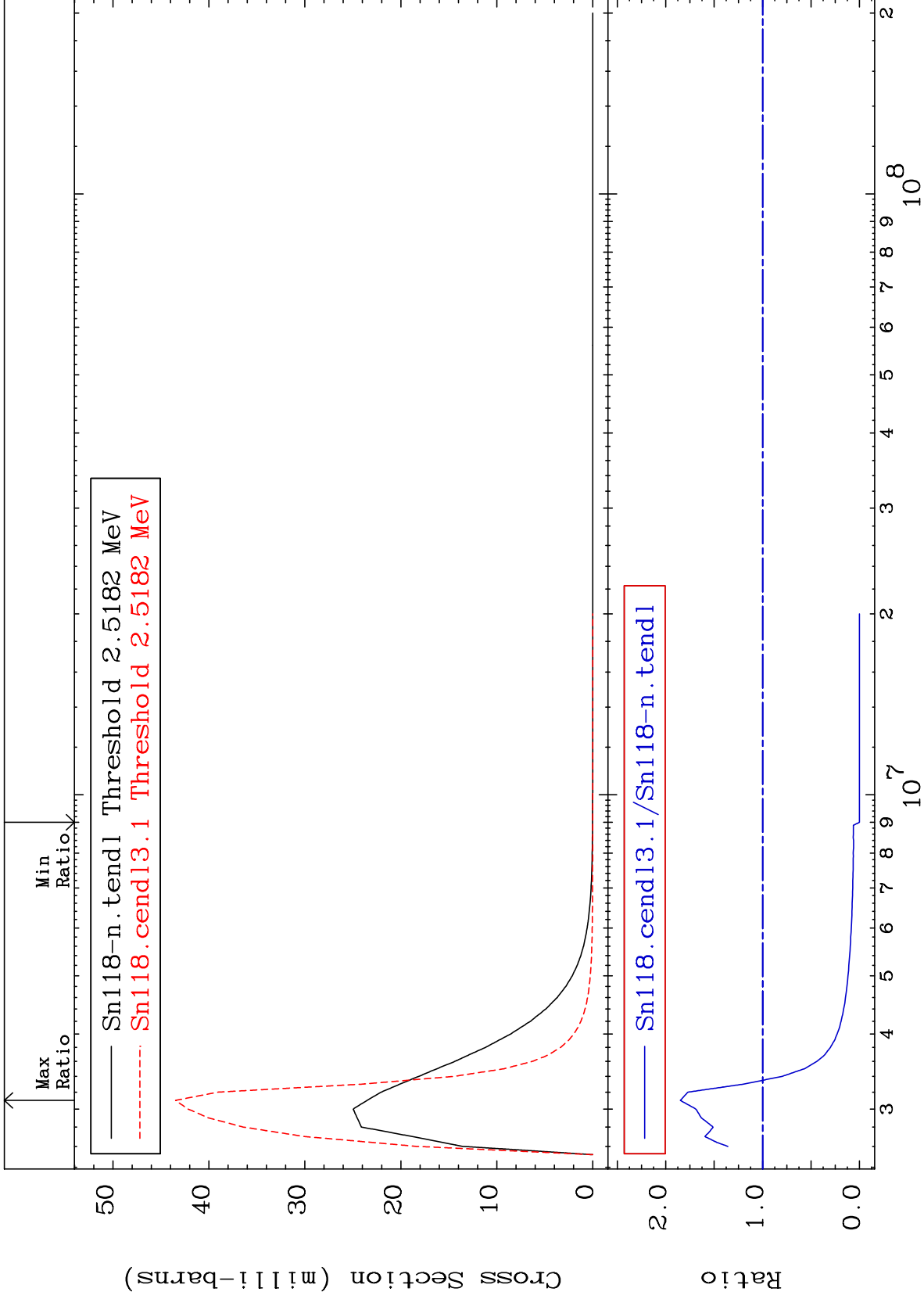
50-Sn-118  
-100.0 To 140.6 %



MAT 5043

2.497 MeV (n,n') Level  
Cross Section

50-Sn-118  
-100.0 To 84.93 %



20

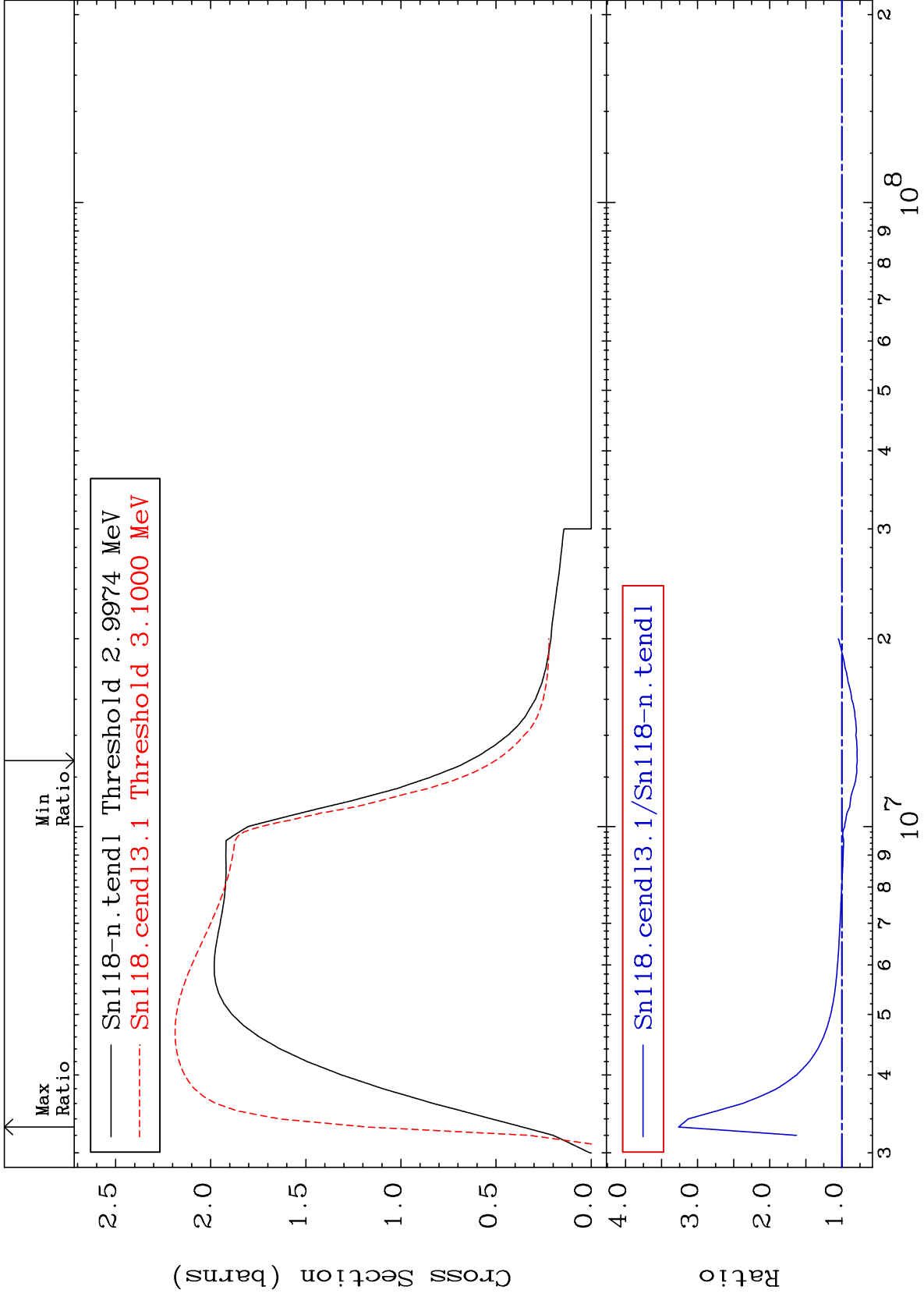
Incident Energy (eV)

50-Sn-118

MAT 5043

(n, n') Continuum  
Cross Section

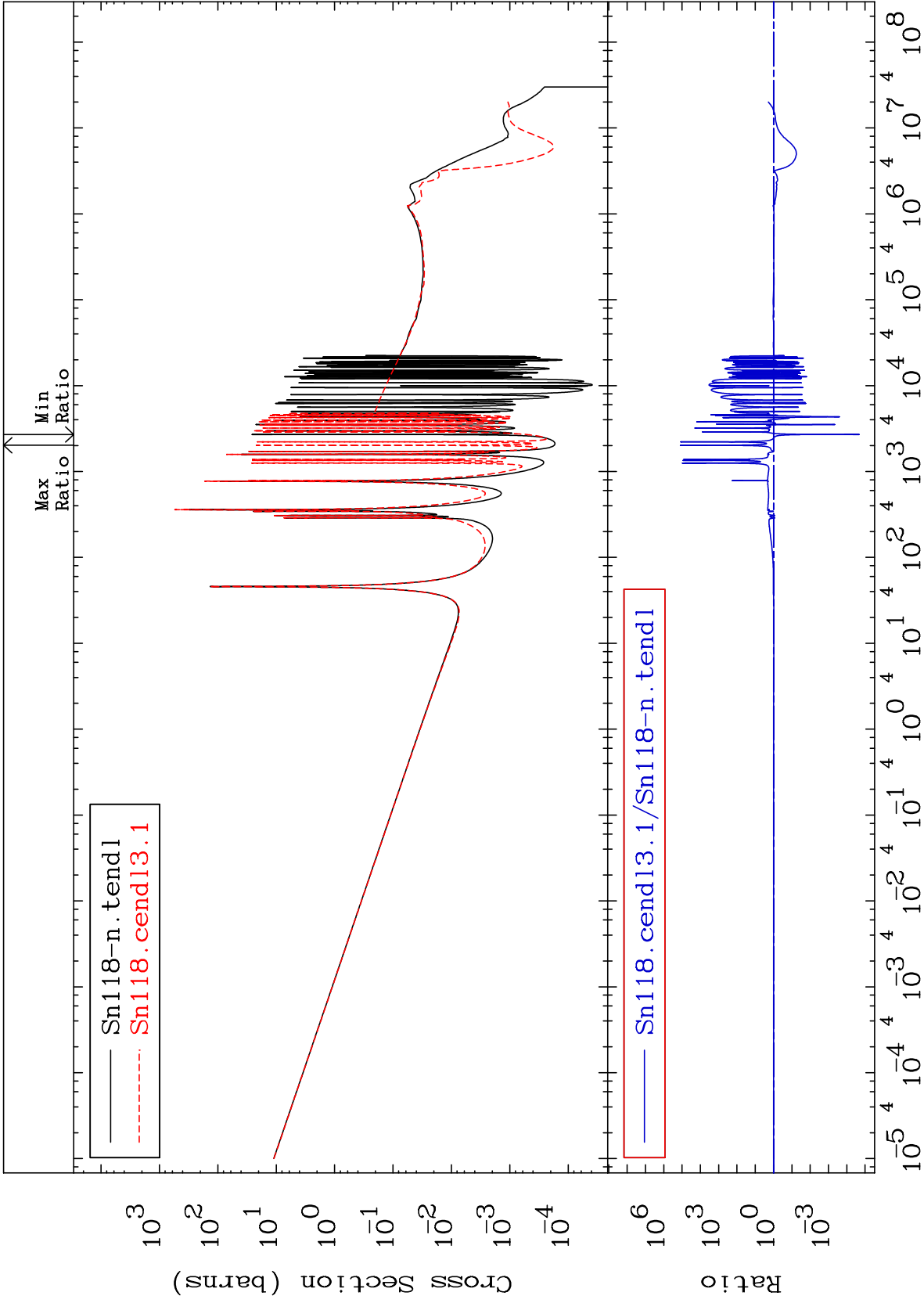
50-Sn-118  
-21.38 To 226.3 %



MAT 5043

(n,  $\gamma$ )  
Cross Section

50-Sn-118  
-100.0 To 9999. %



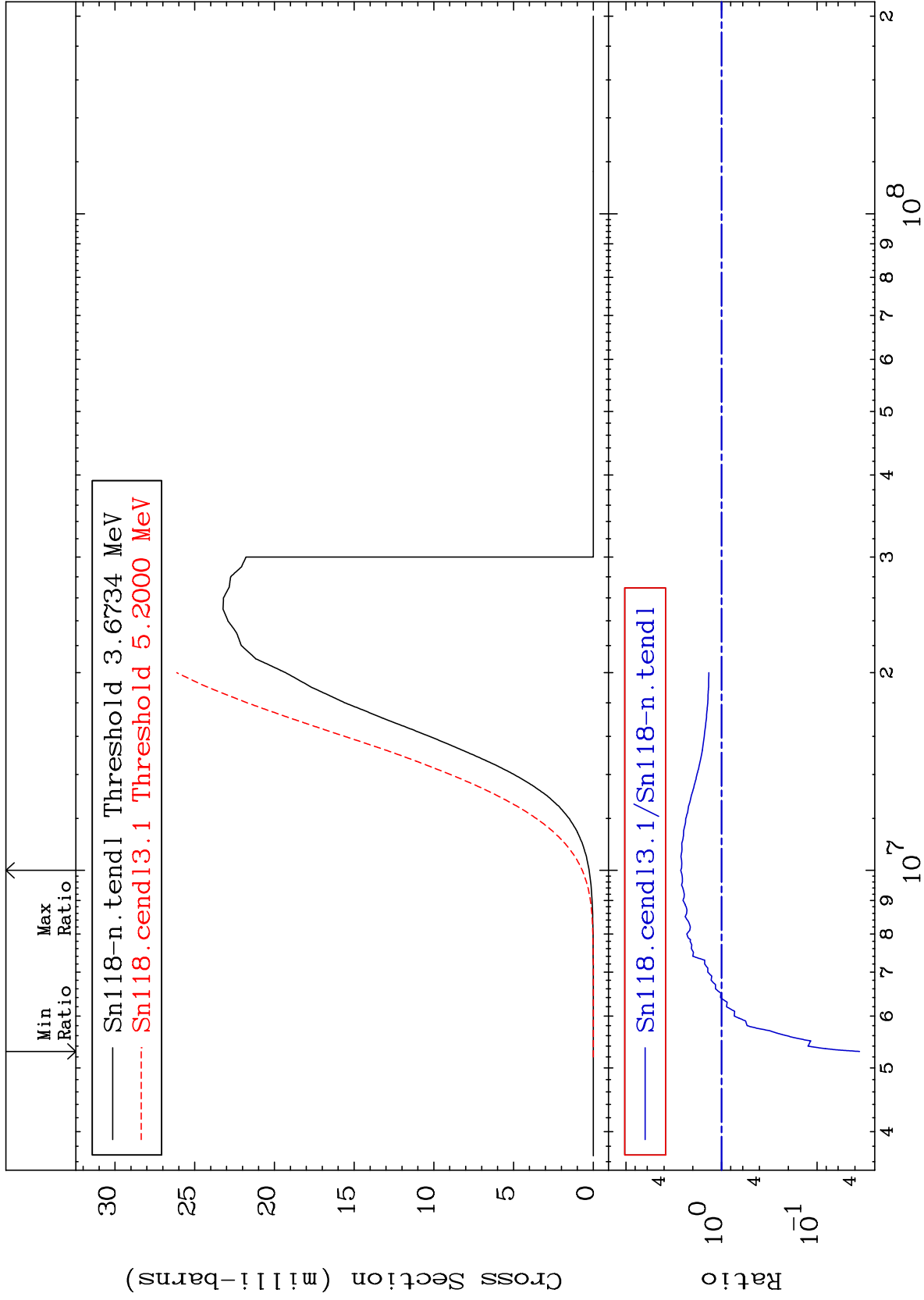
MAT 5043

(n,p)

50-Sn-118

Cross Section

-96.41 To 166.8 %



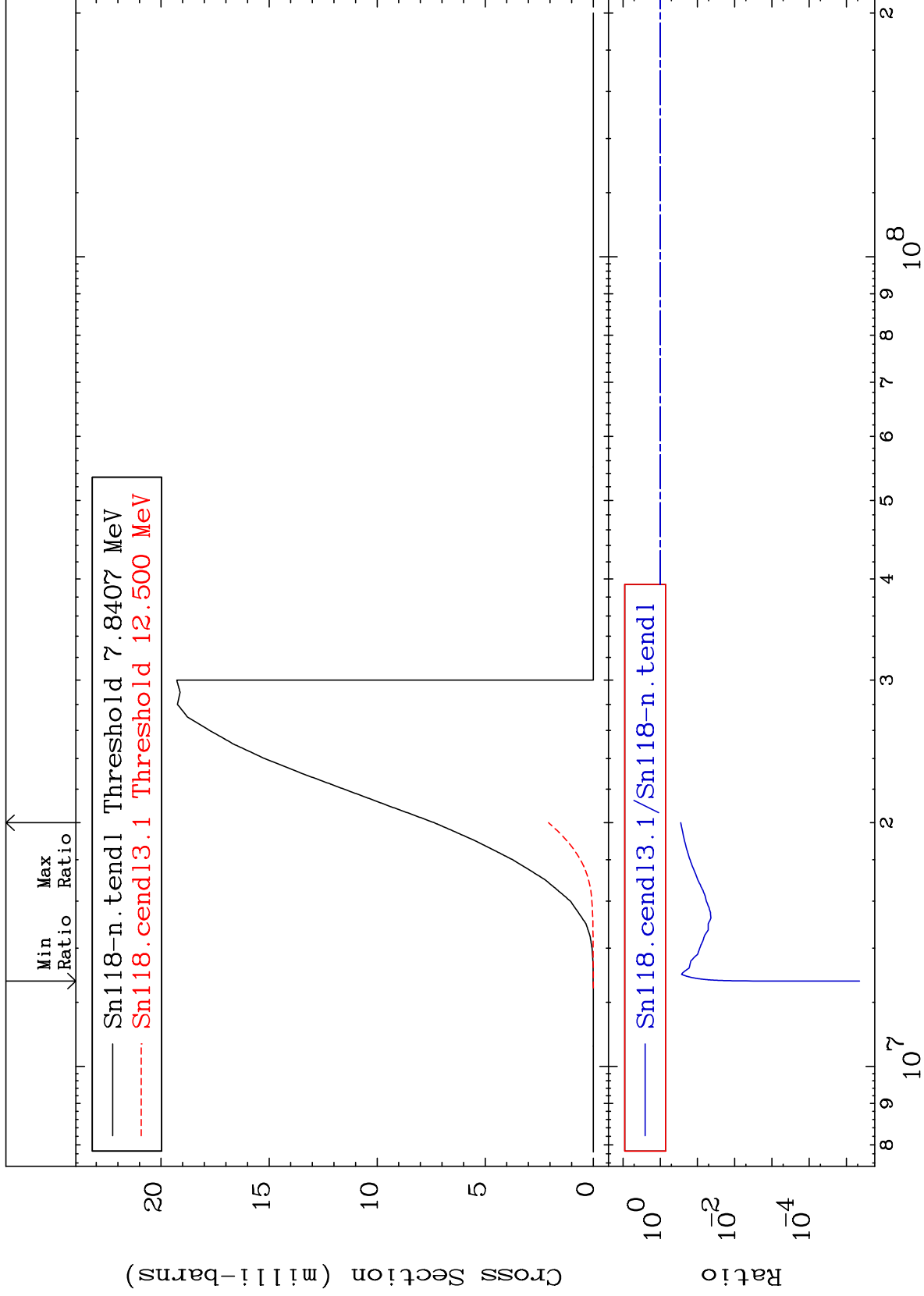
MAT 5043

(n, d)

50-Sn-118

Cross Section

-100.0 To -71.92%



24

Incident Energy (eV)

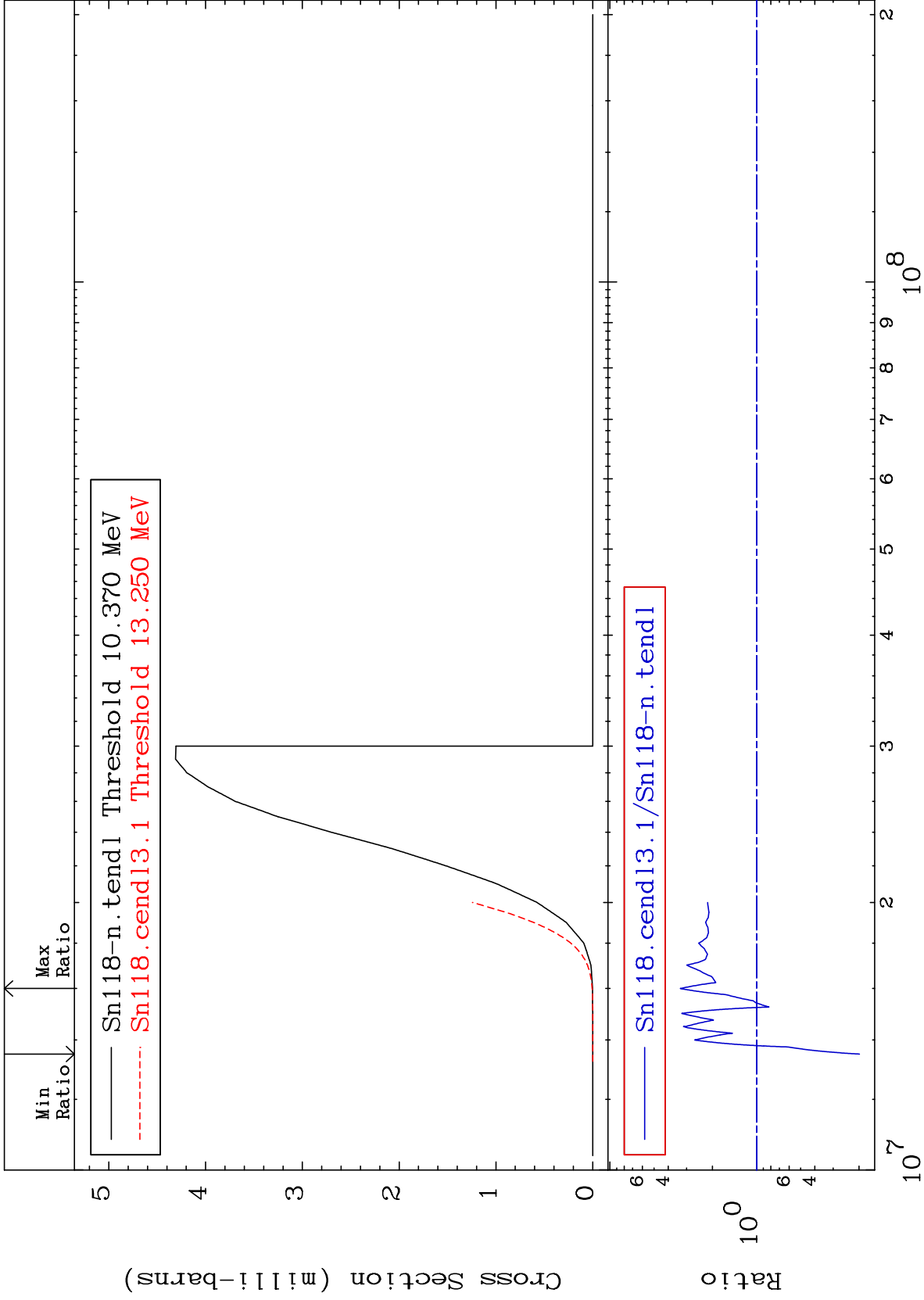
50-Sn-118



MAT 5043

(n, t)  
Cross Section

50-Sn-118  
-80.13 To 230.9 %



25

50-Sn-118

50-Sn-118

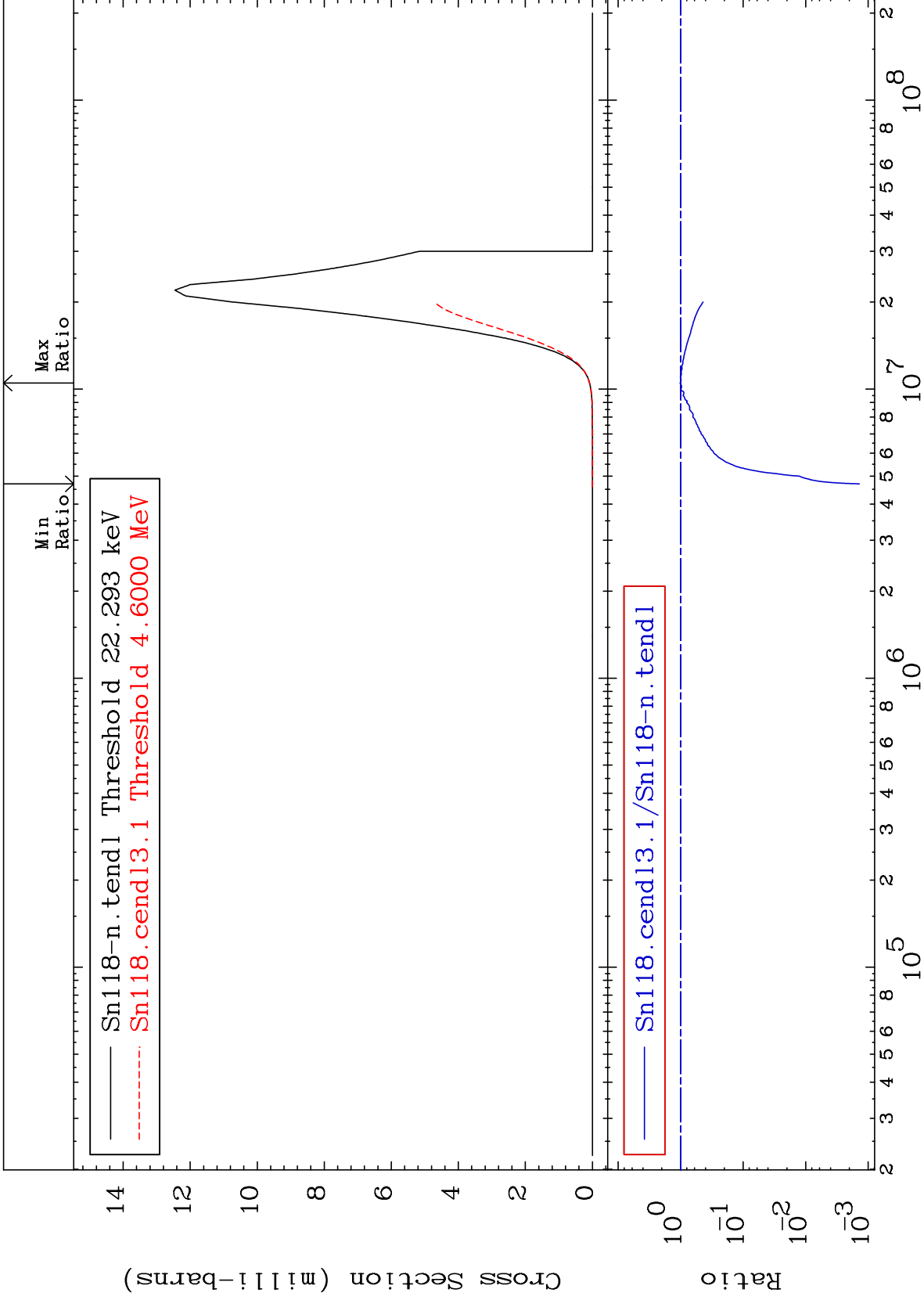
MAT 5043

(n,  $\alpha$ )

50-Sn-118

Cross Section

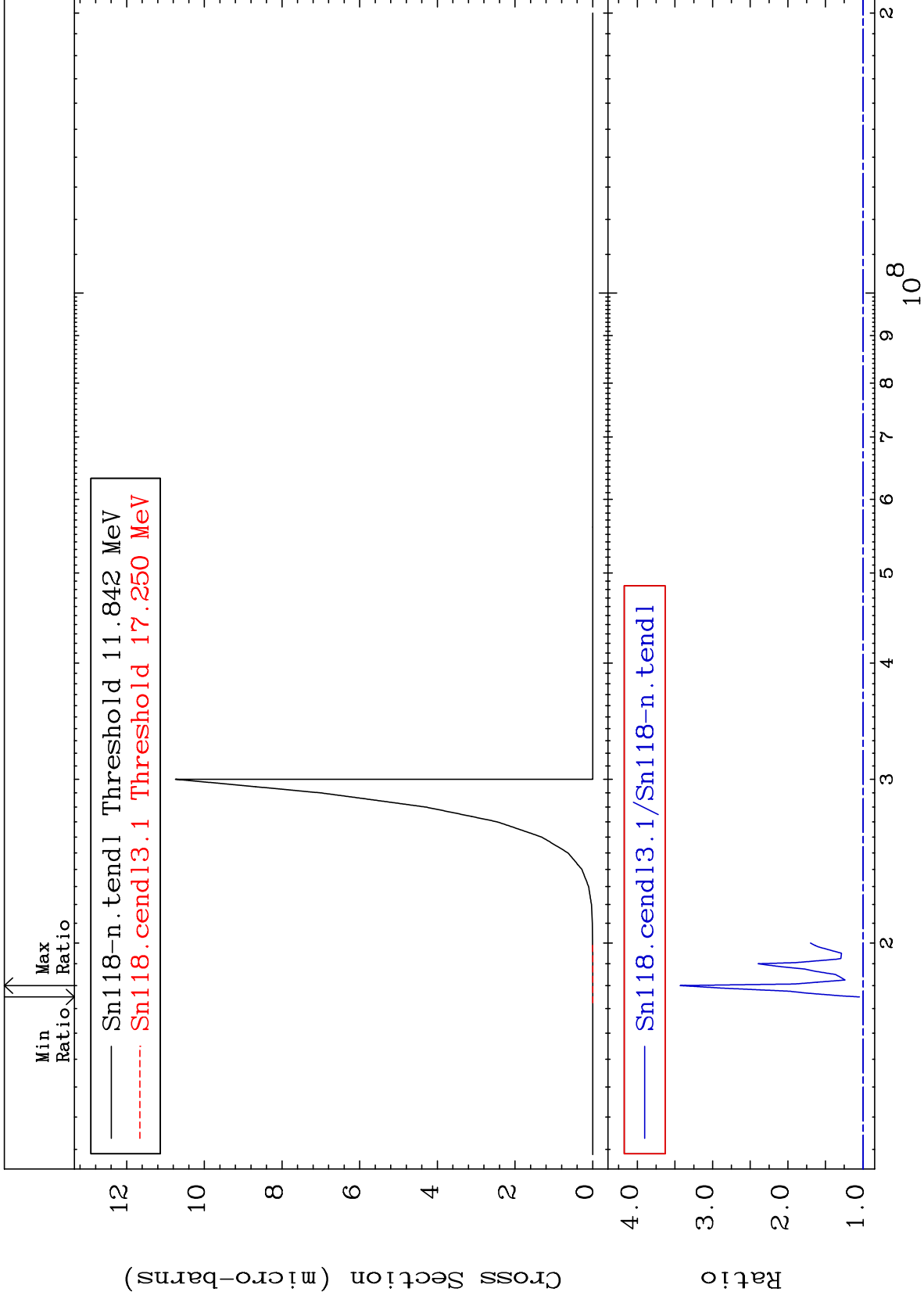
-99.86 To 1.852 %



MAT 5043

(n,2p)  
Cross Section

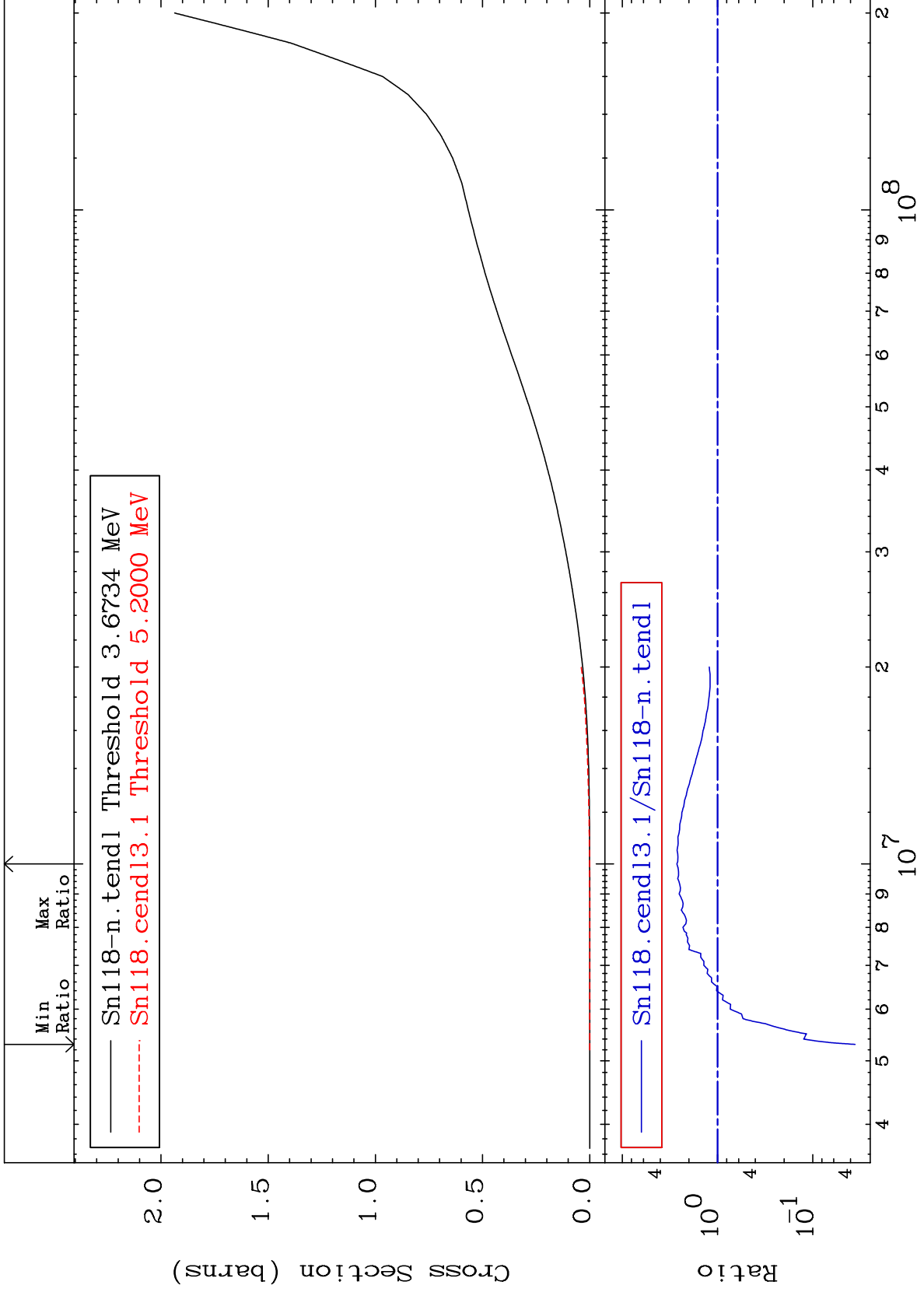
50-Sn-118  
To 242.9 %  
4.903



MAT 5043

Hydrogen Production  
Cross Section

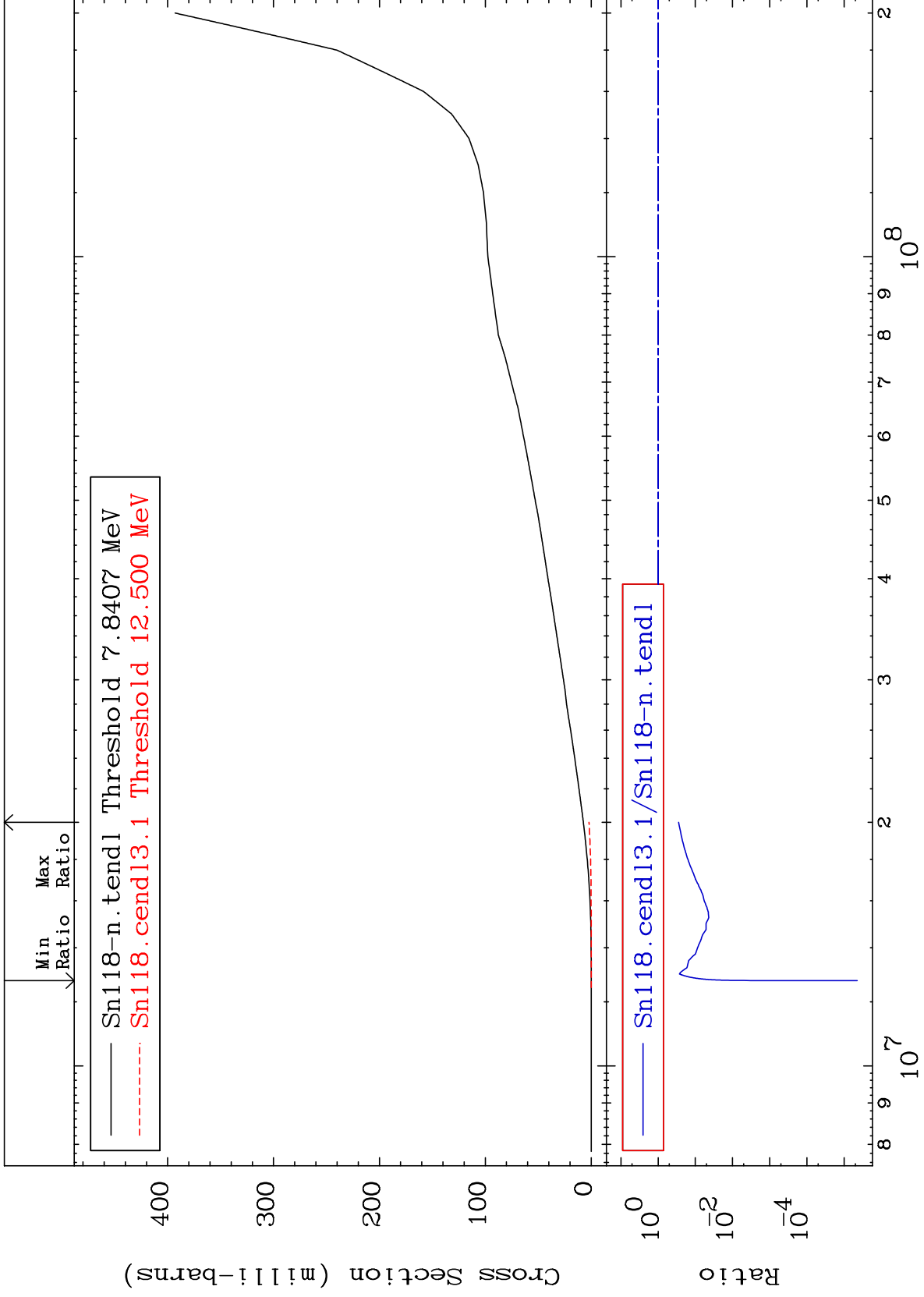
50-Sn-118  
-96.41 To 166.8 %



MAT 5043

Deuterium Production  
Cross Section

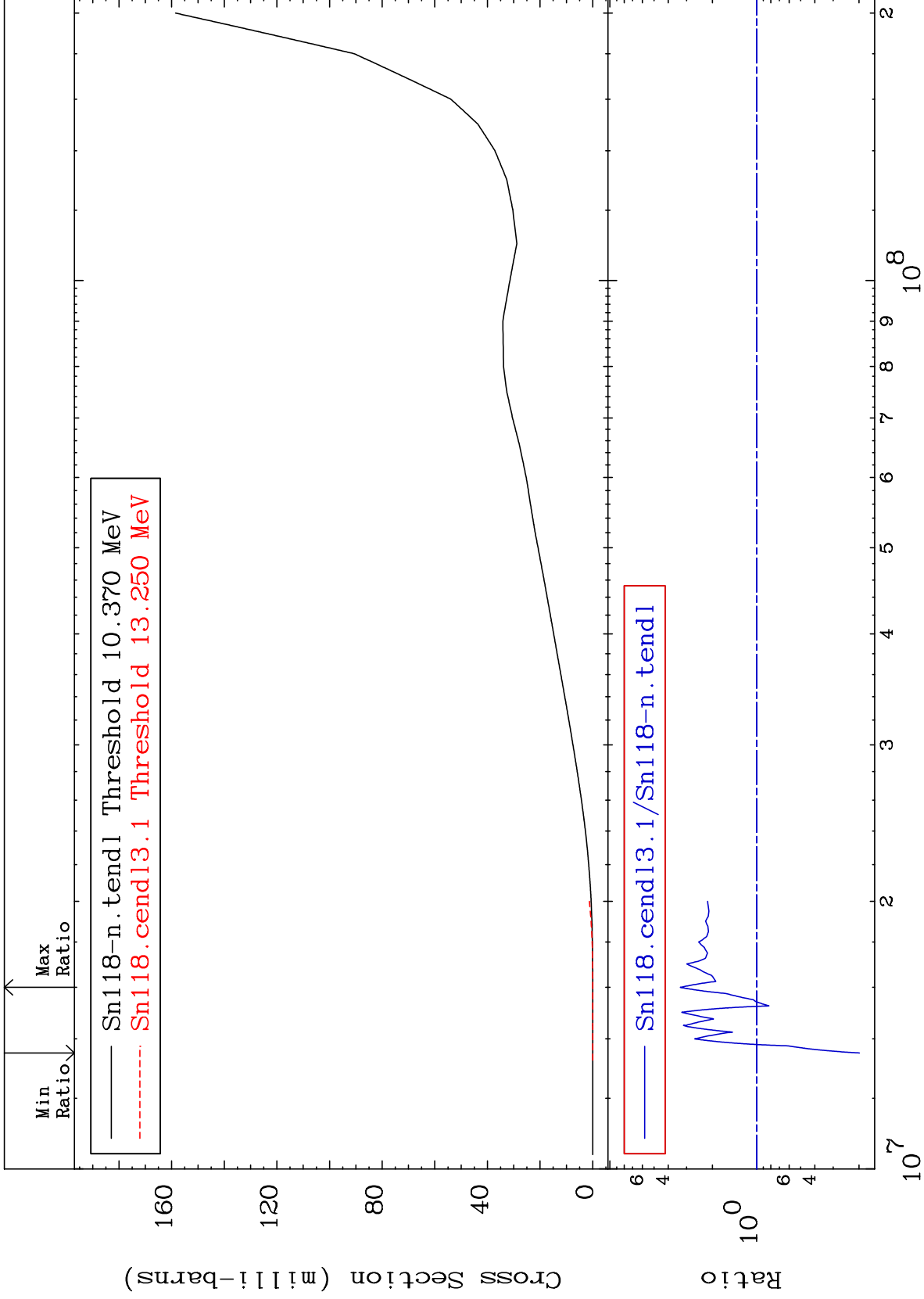
50-Sn-118  
-100.0 To -71.92%



MAT 5043

Tritium Production  
Cross Section

50-Sn-118  
-80.13 To 230.9 %



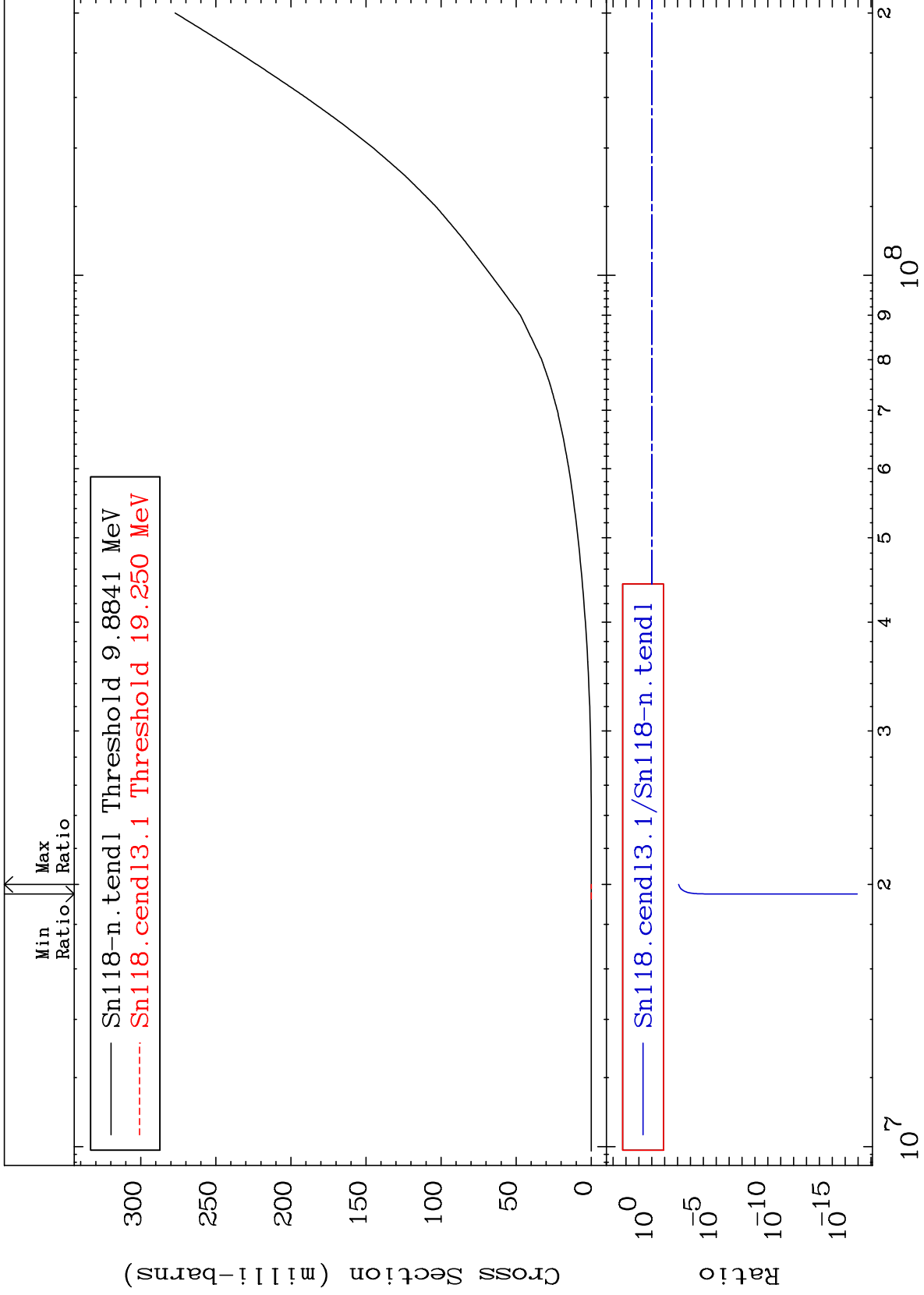
Incident Energy (eV)

50-Sn-118

MAT 5043

He-3 Production  
Cross Section

50-Sn-118  
-100.0 To -99.17%



31

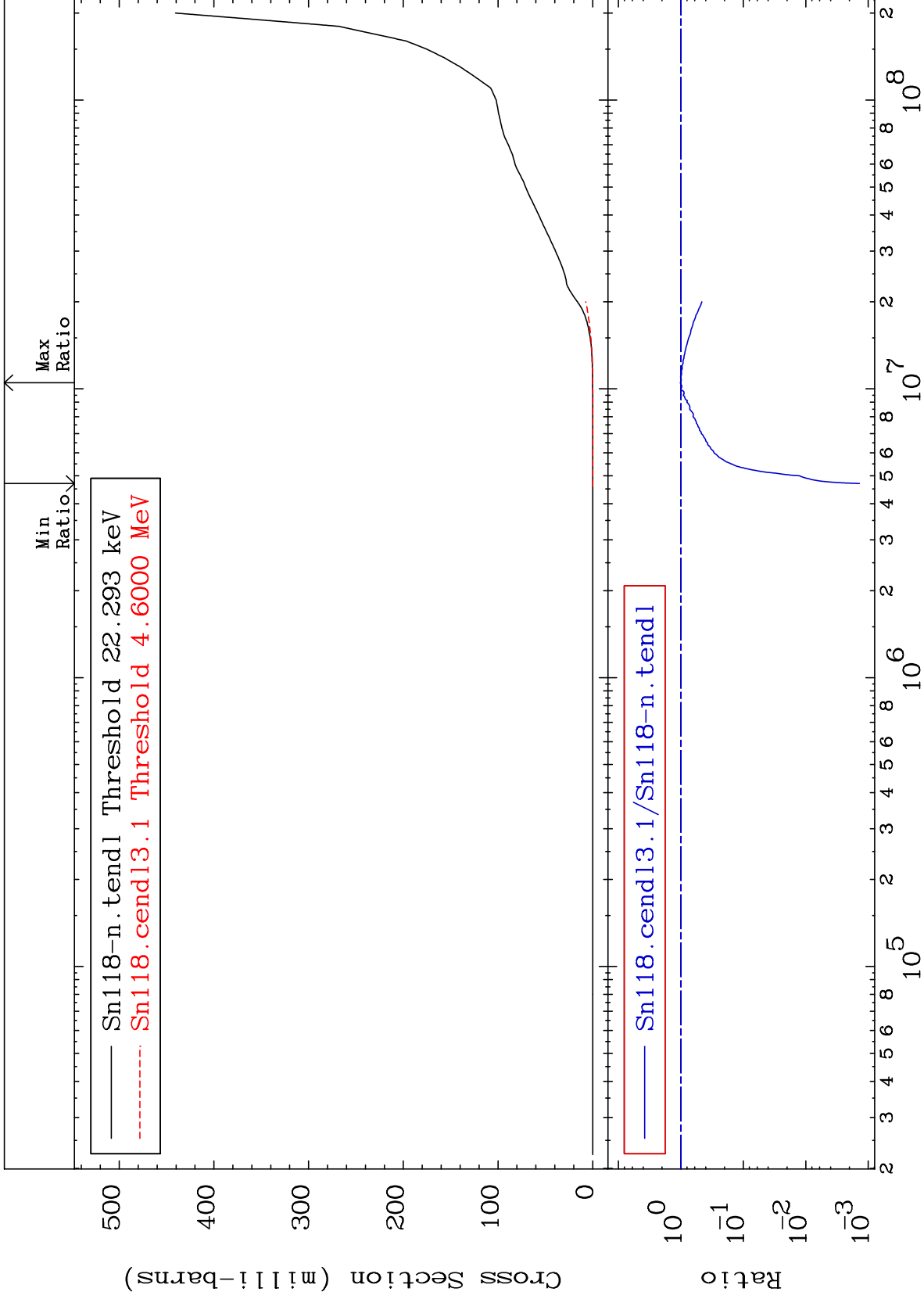
Incident Energy (eV)

50-Sn-118

MAT 5043

He-4 Production  
Cross Section

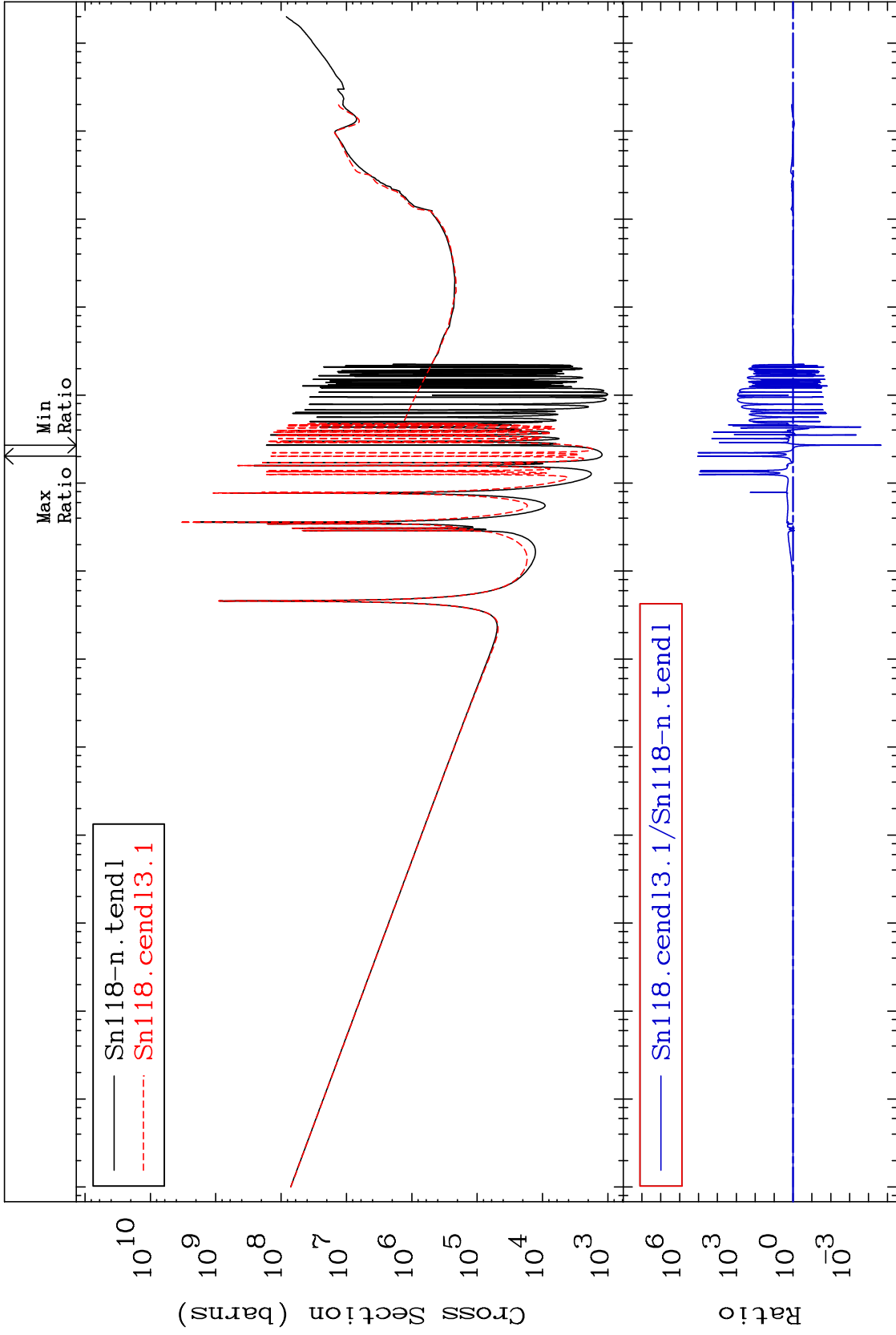
50-Sn-118  
-99.86 To 1.847 %





Cross Section

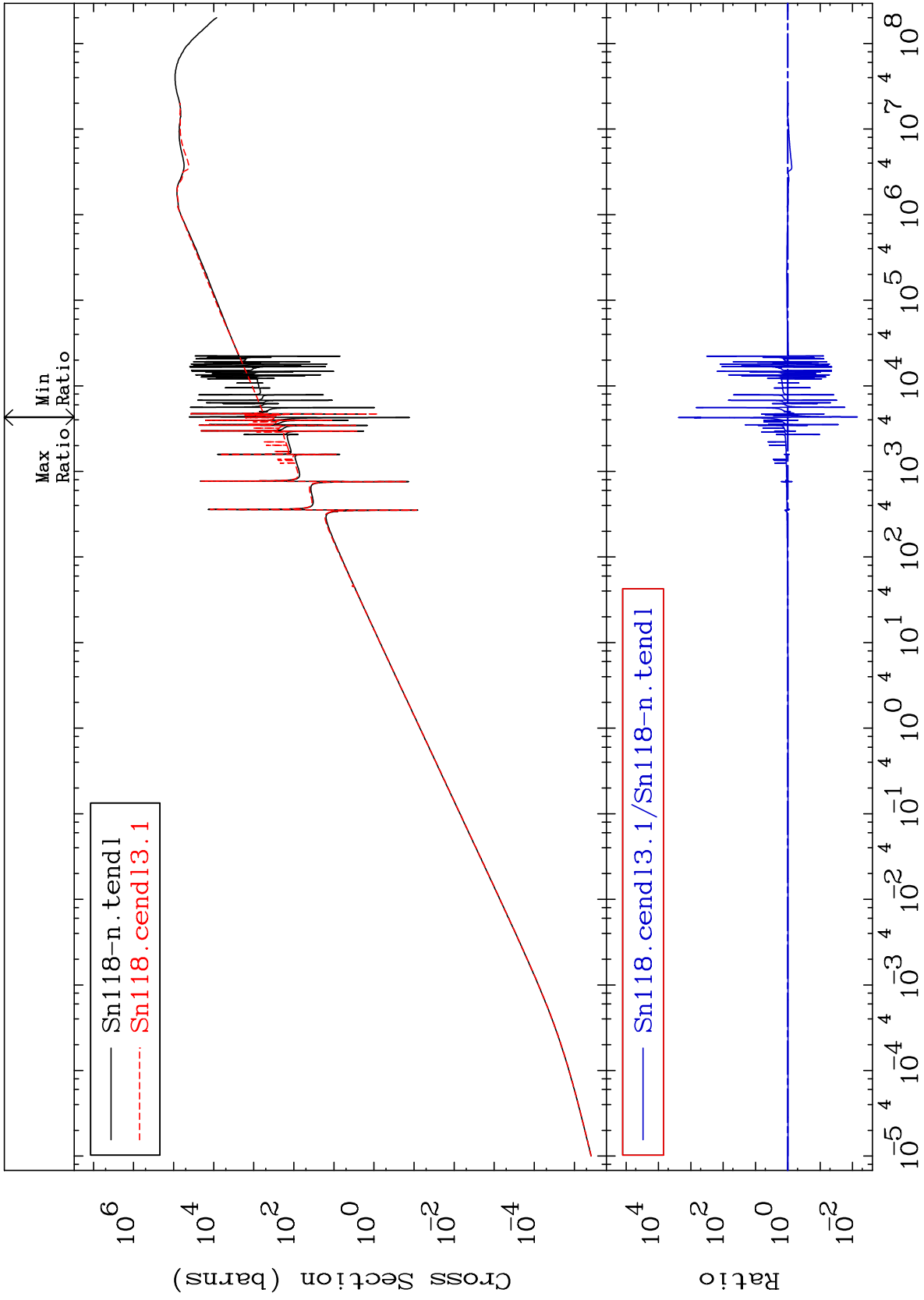
-100.0 To 9999. %

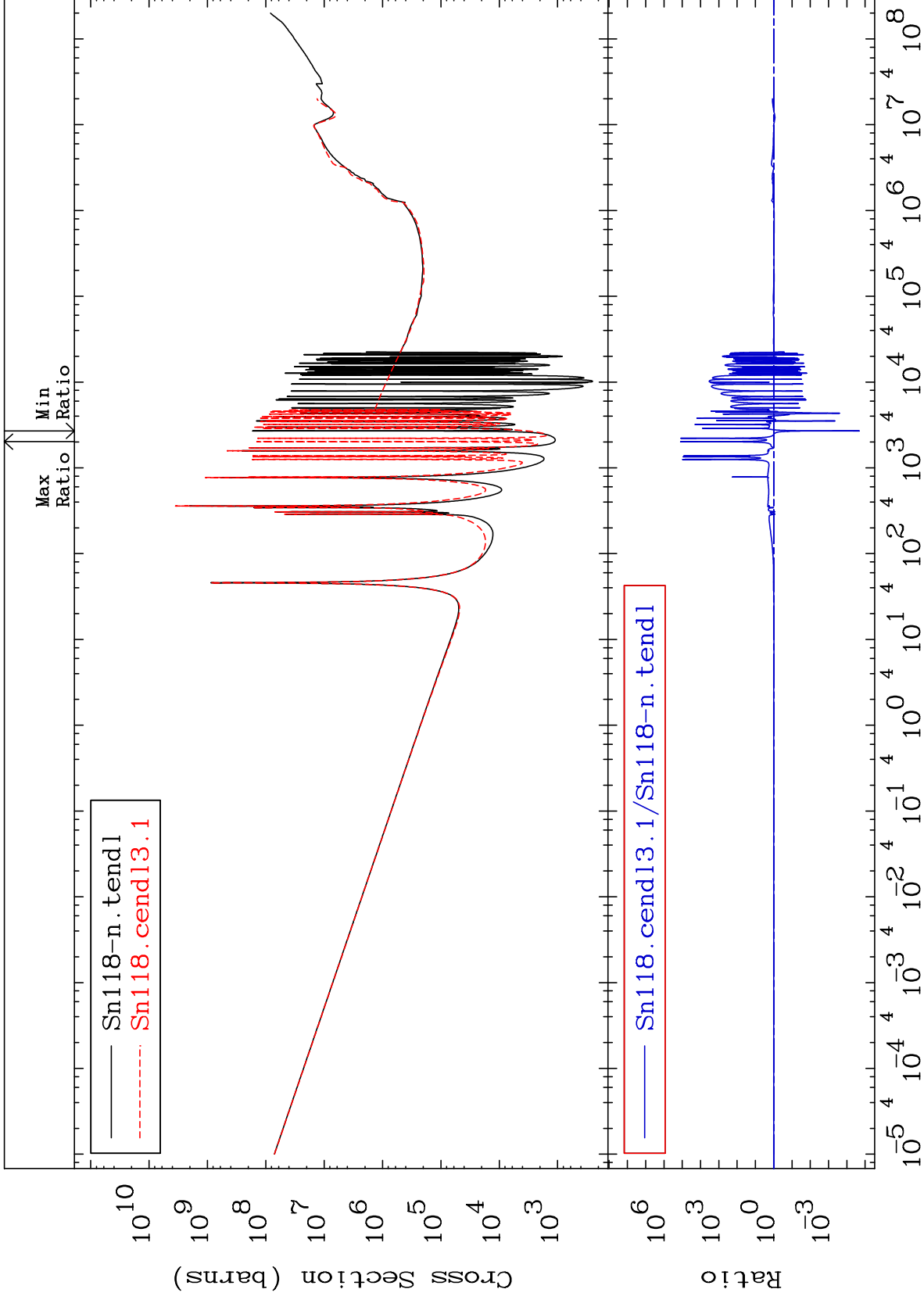


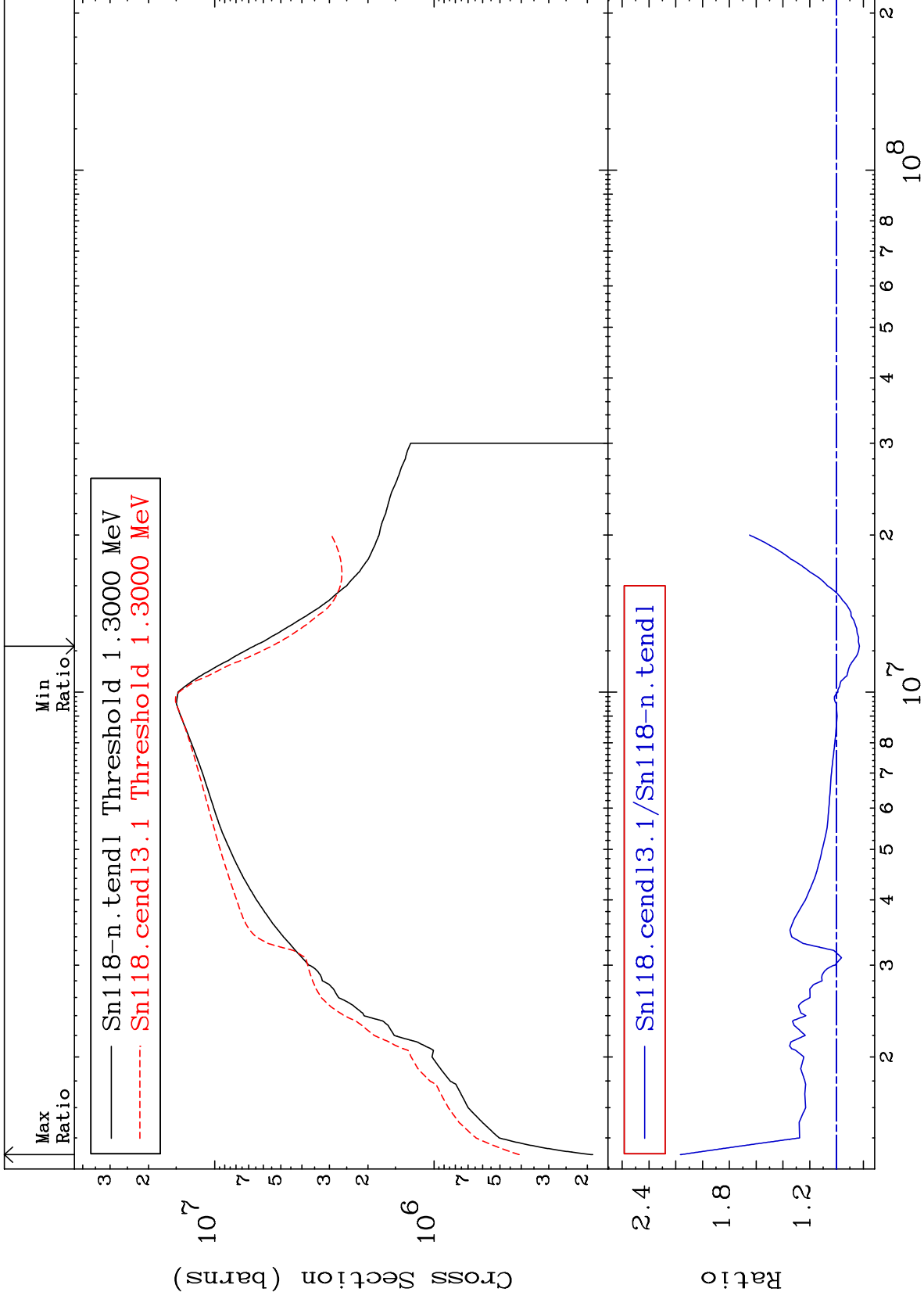
MAT 5043

Kerma elastic  
Cross Section

50-Sn-118  
-99.28 To 9999. %



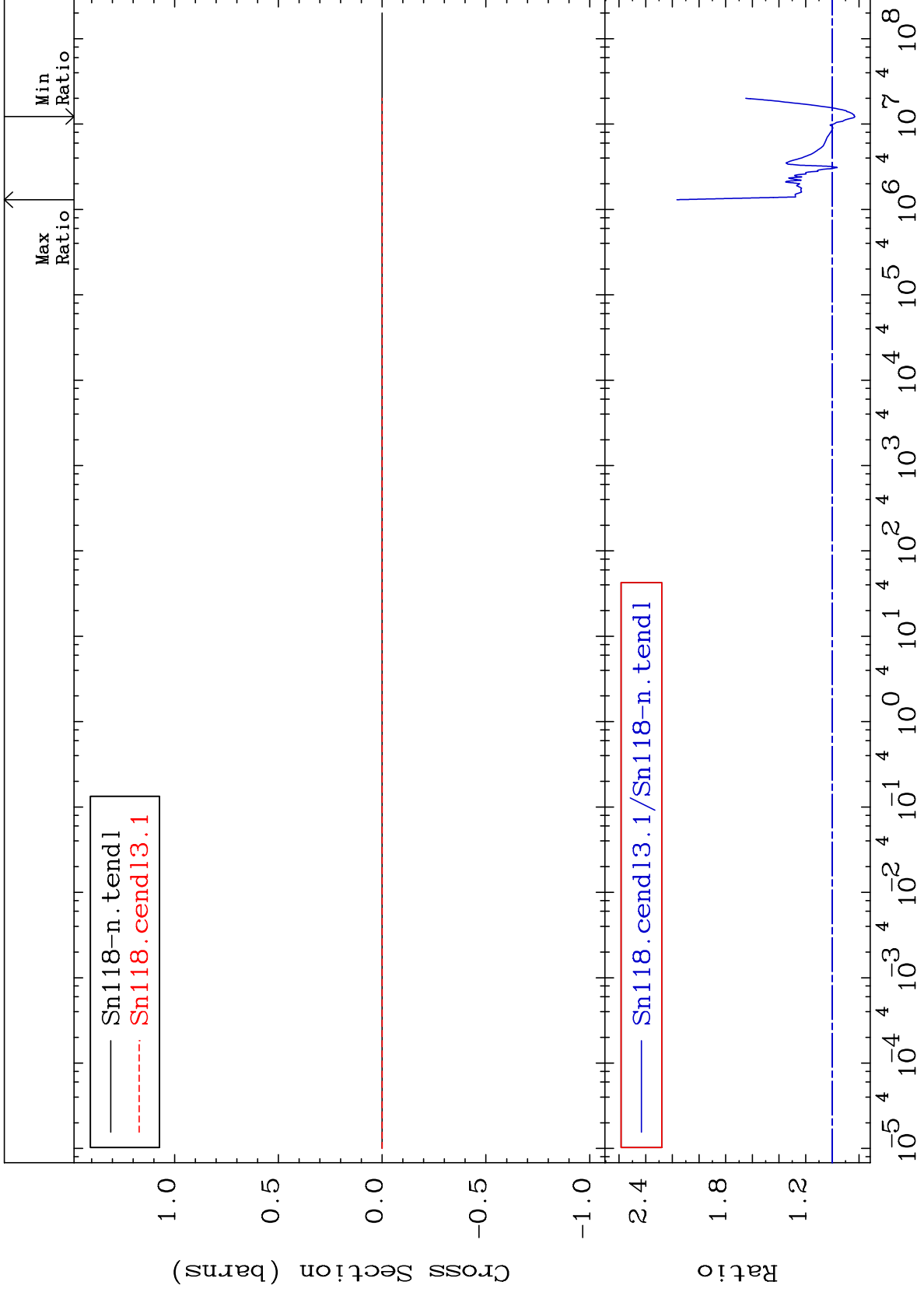




MAT 5043

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

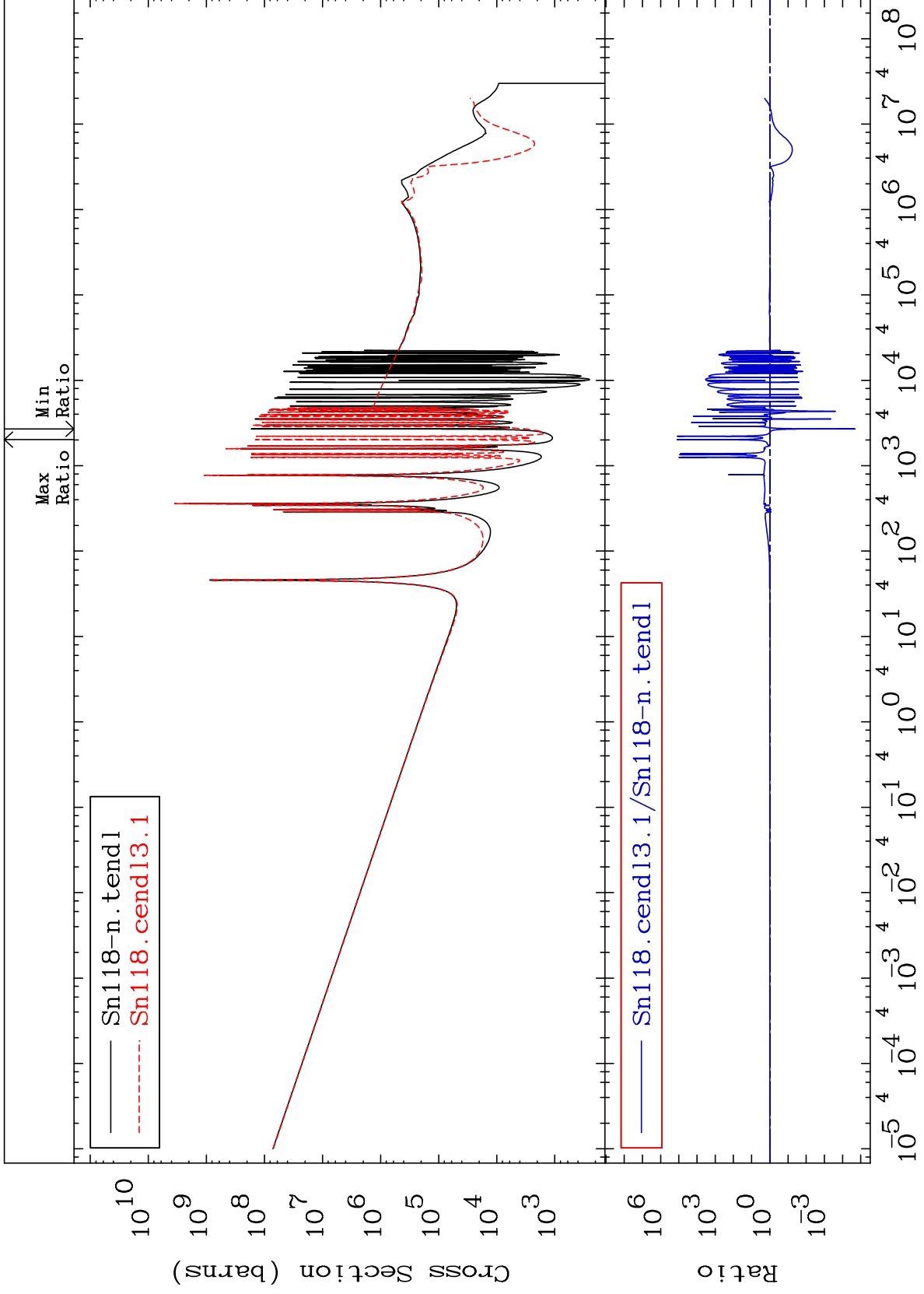
50-Sn-118  
-17.10 To 116.6 %



MAT 5043

Kerma capture (mt102)  
Cross Section

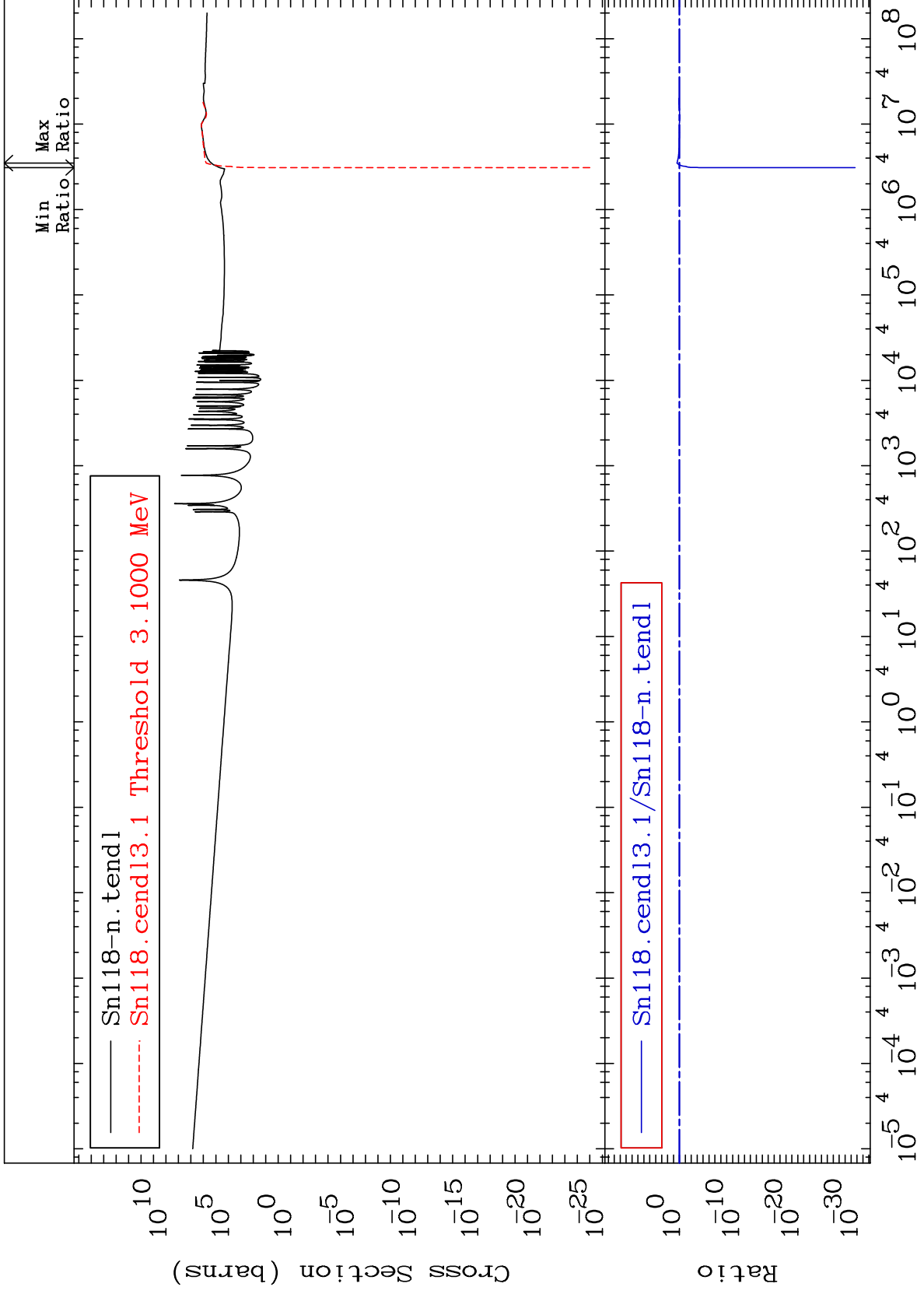
50-Sn-118  
-100.0 To 9999. %



MAT 5043

Total photon (eV-barns)  
Cross Section

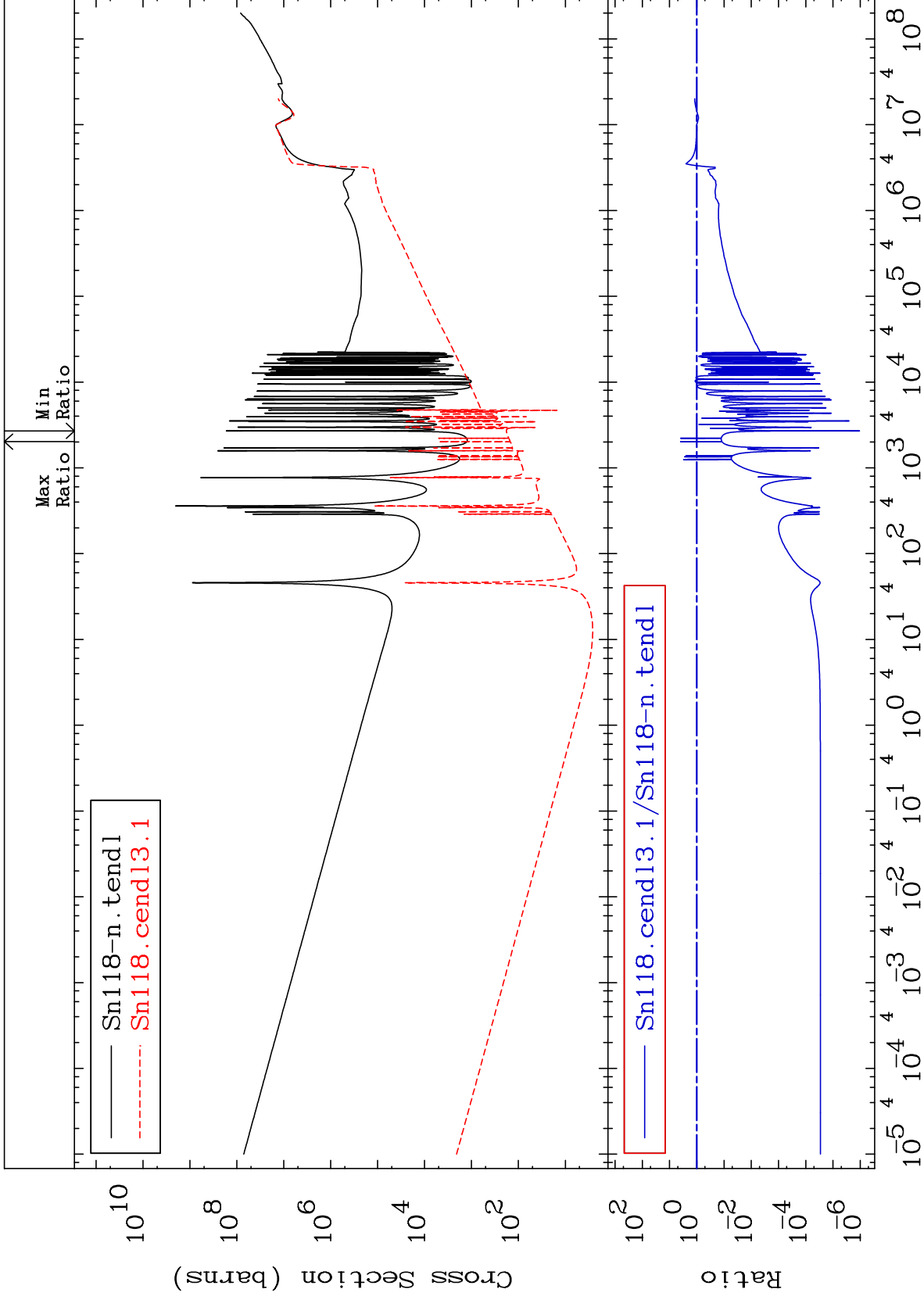
50-Sn-118  
-100.0 To 160.8 %



MAT 5043

Total kinematic kerma (high limit)  
Cross Section

50-Sn-118  
-100.0 To 301.8 %



40

Incident Energy (eV)

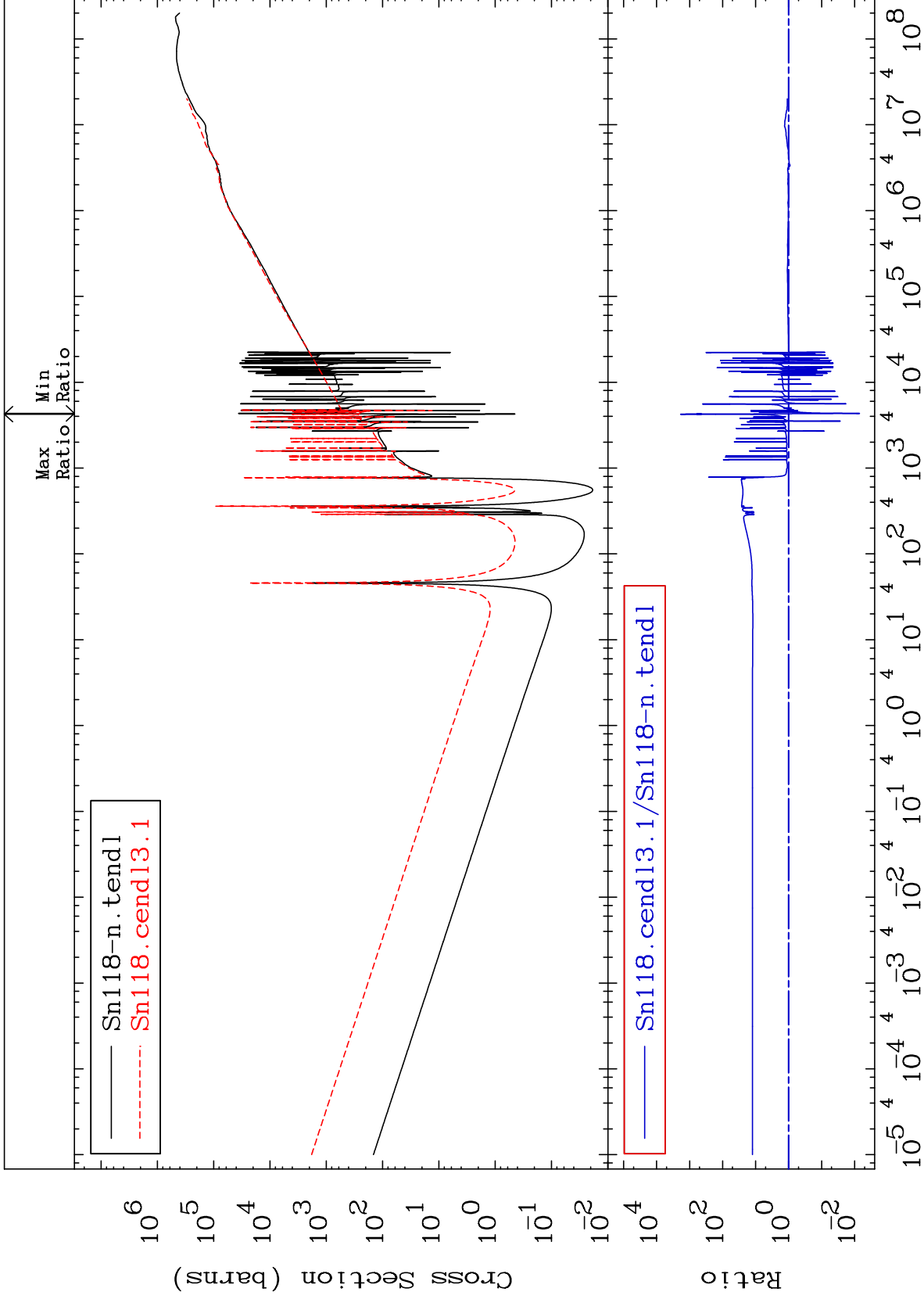
50-Sn-118



MAT 5043

Dpa total (eV-barns)  
Cross Section

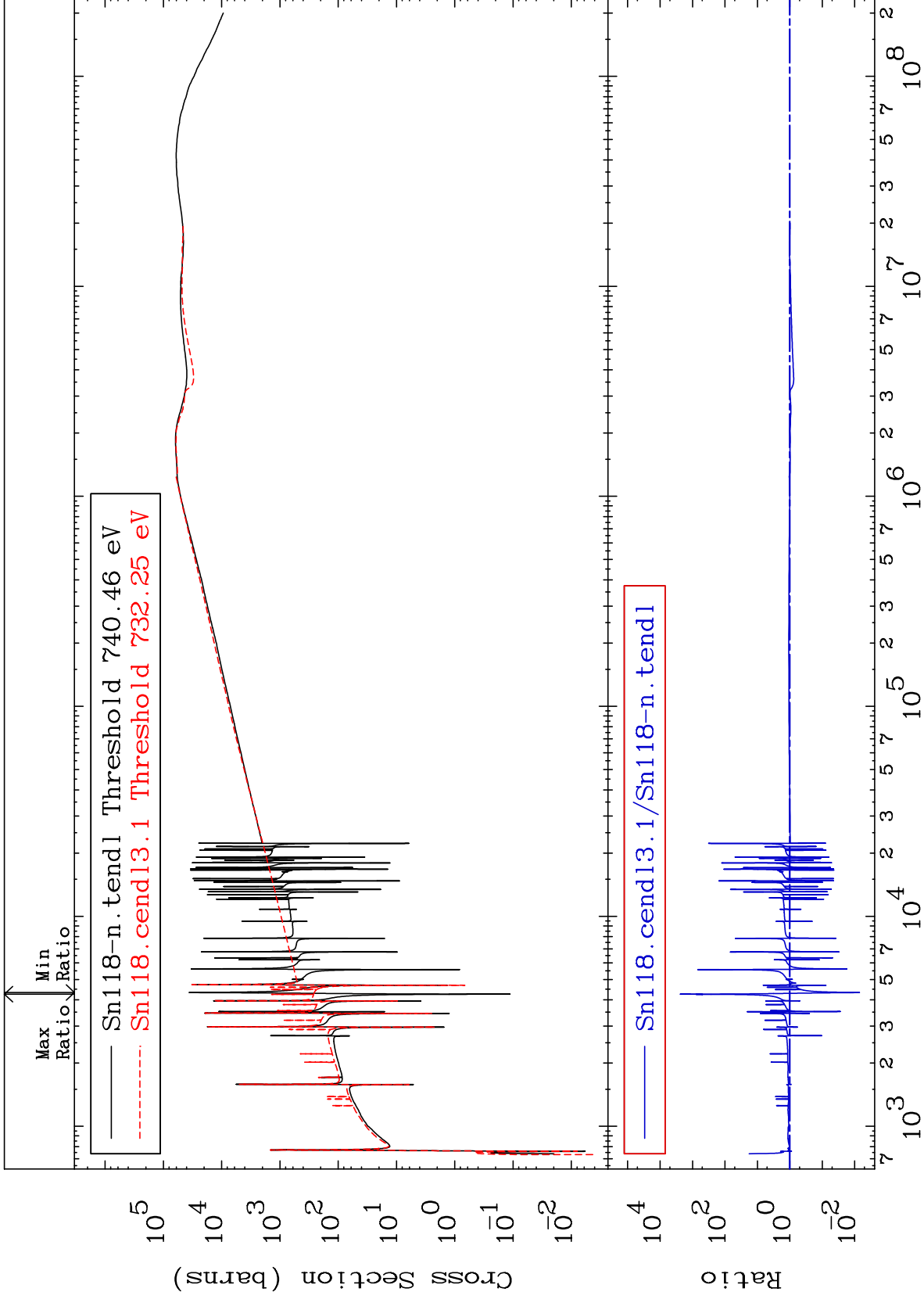
50-Sn-118  
-99.29 To 9999. %



MAT 5043

Dpa elastic (mt2)  
Cross Section

50-Sn-118  
-99.29 To 9999. %



MAT 5043

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-118  
-3.349 To 188.4 %

