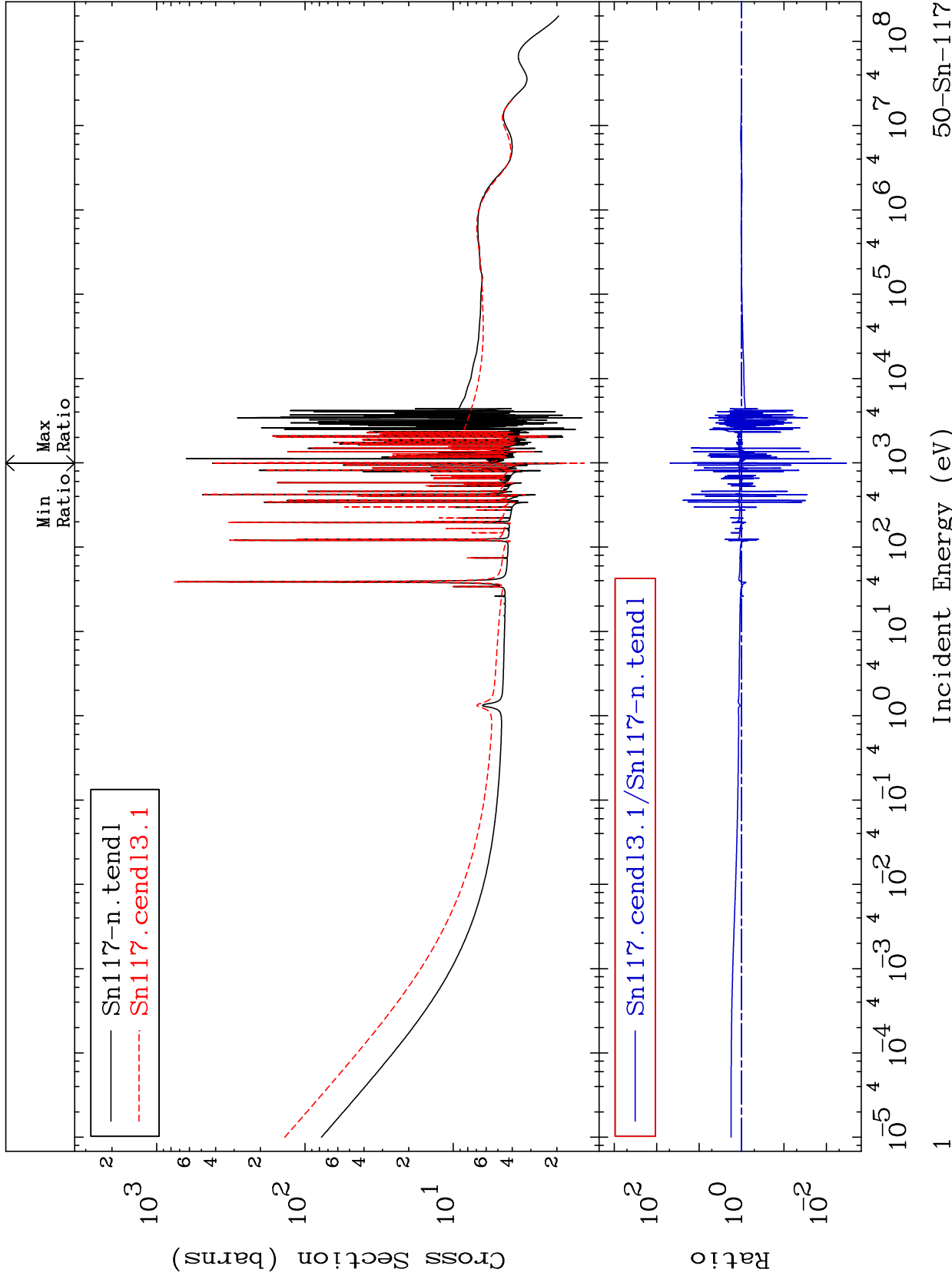


MAT 5040

50-Sn-117

-99.66 To 4680. %

Total  
Cross Section

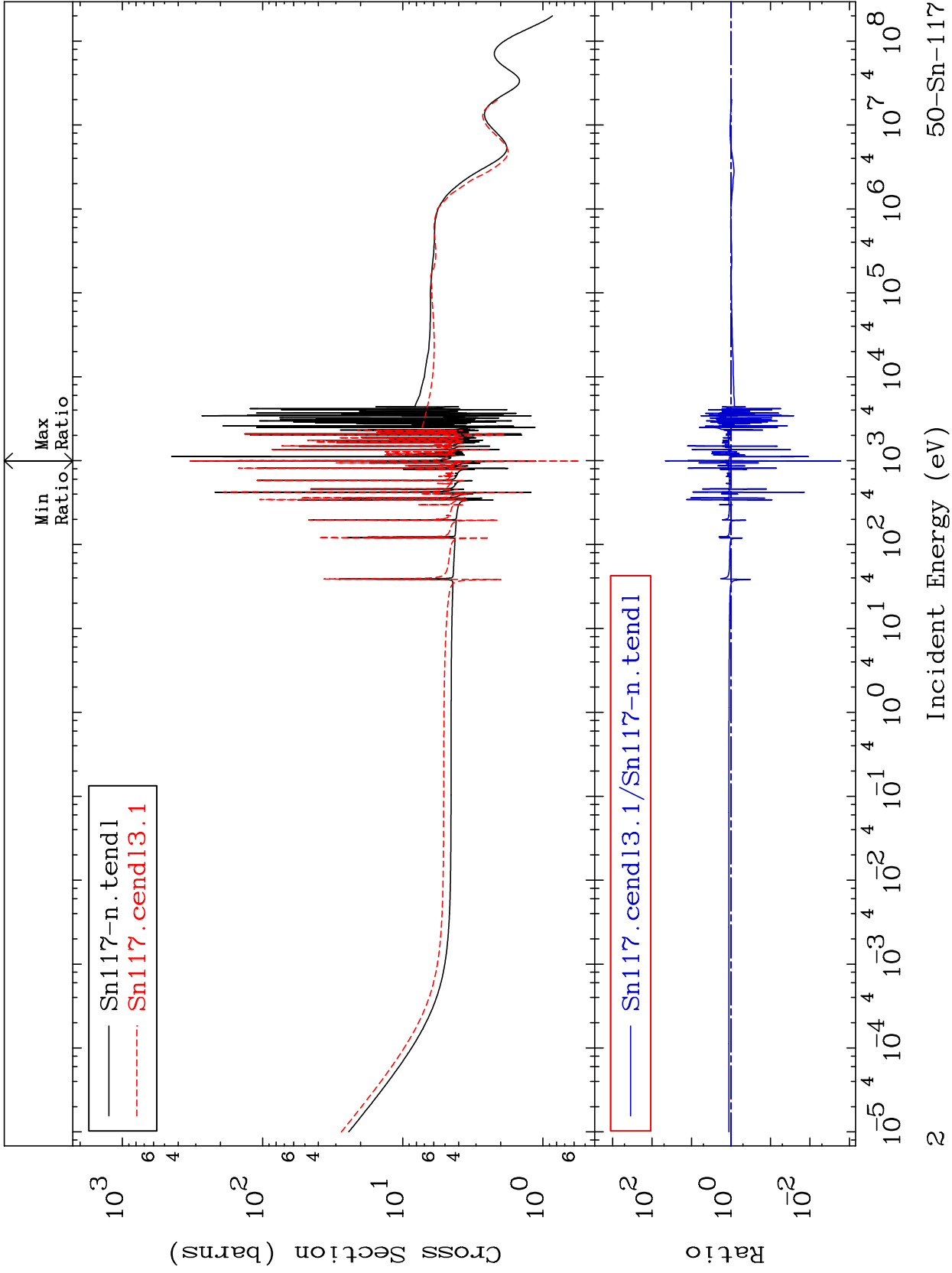


50-Sn-117

MAT 5040

Elastic  
Cross Section

50-Sn-117  
-99.83 To 4472. %

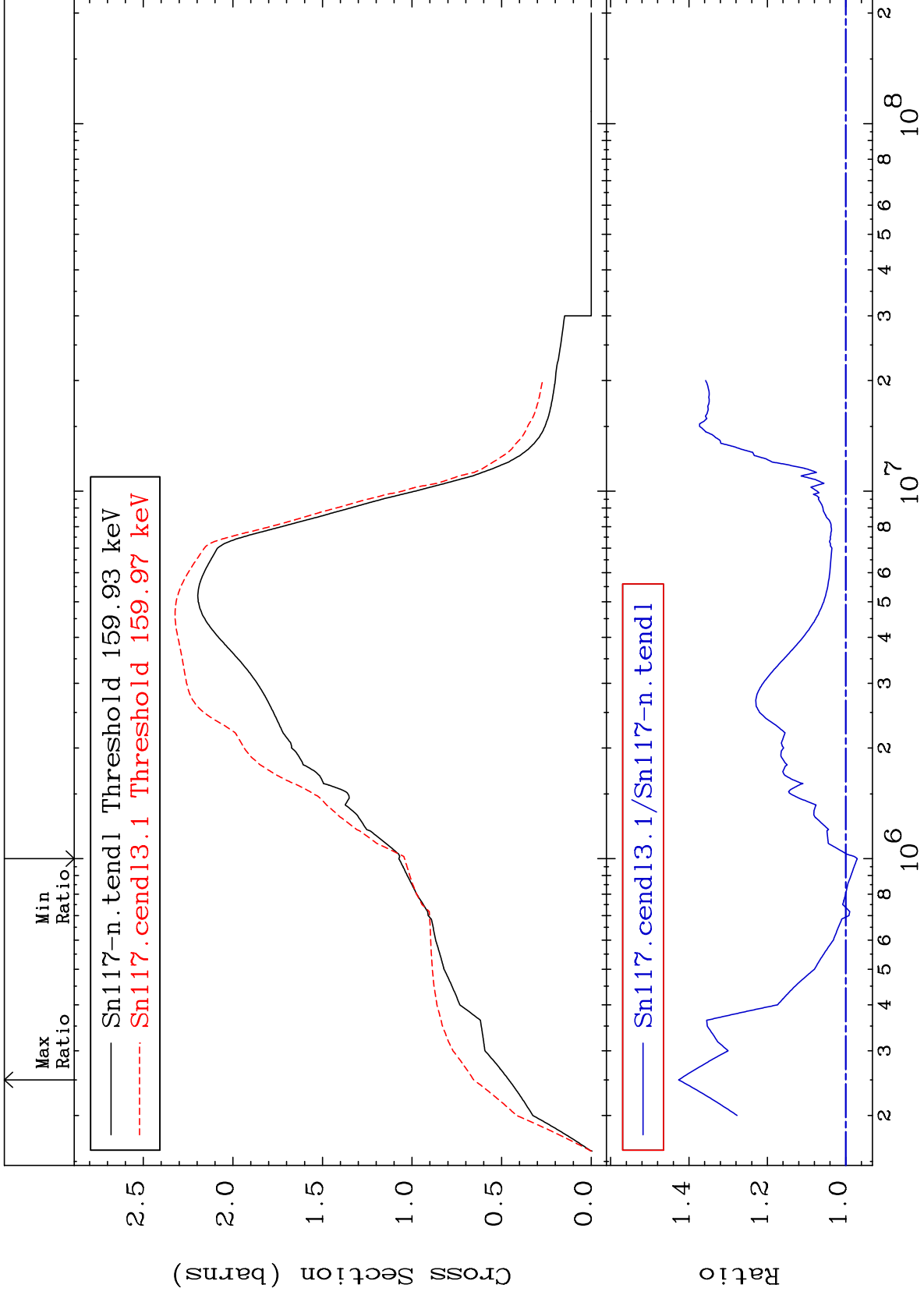


50-Sn-117

MAT 5040

Inelastic  
Cross Section

50-Sn-117  
-2.942 To 42.65 %



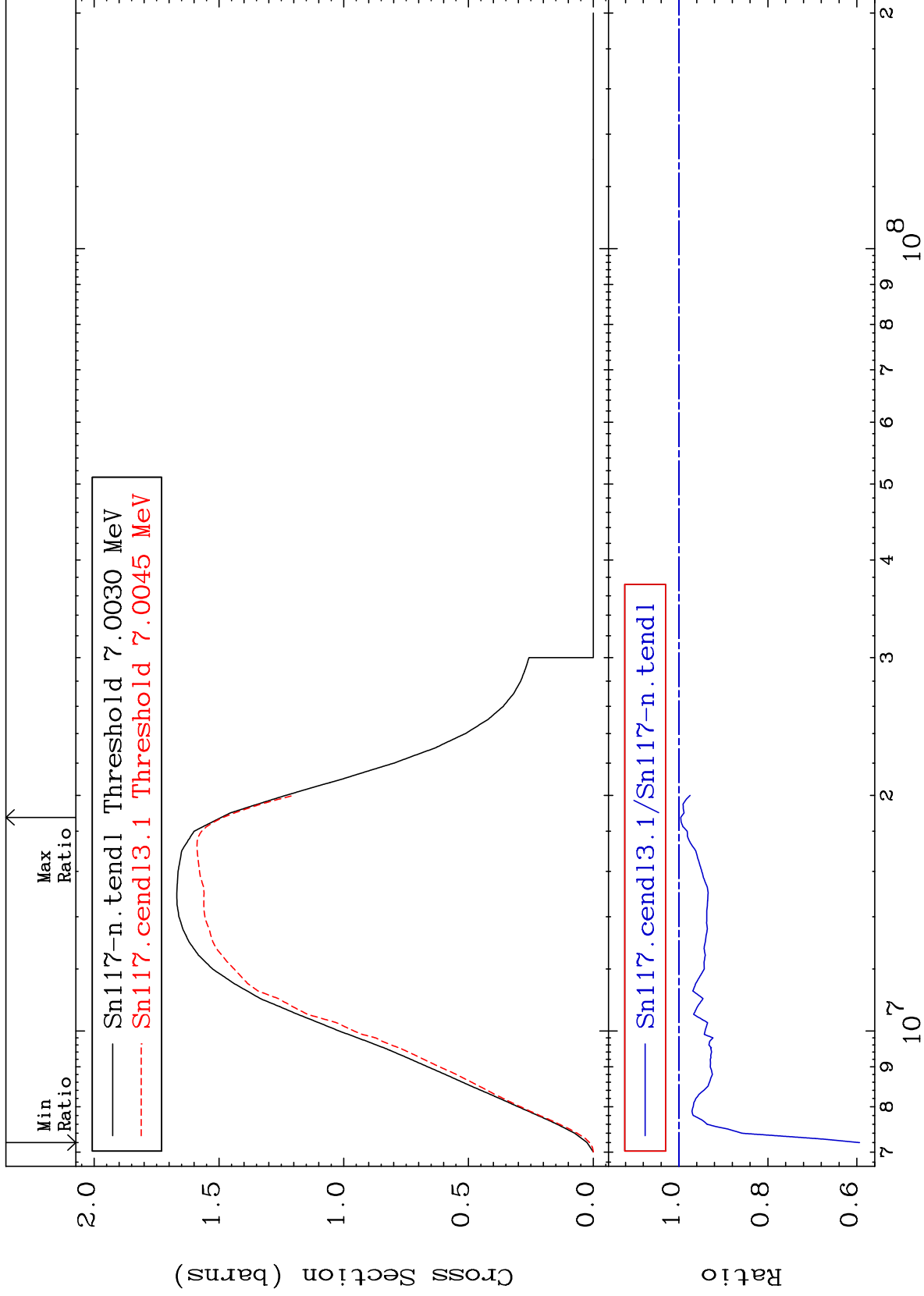
MAT 5040

(n,2n)

50-Sn-117

Cross Section

-40.60 To -0.413%



4

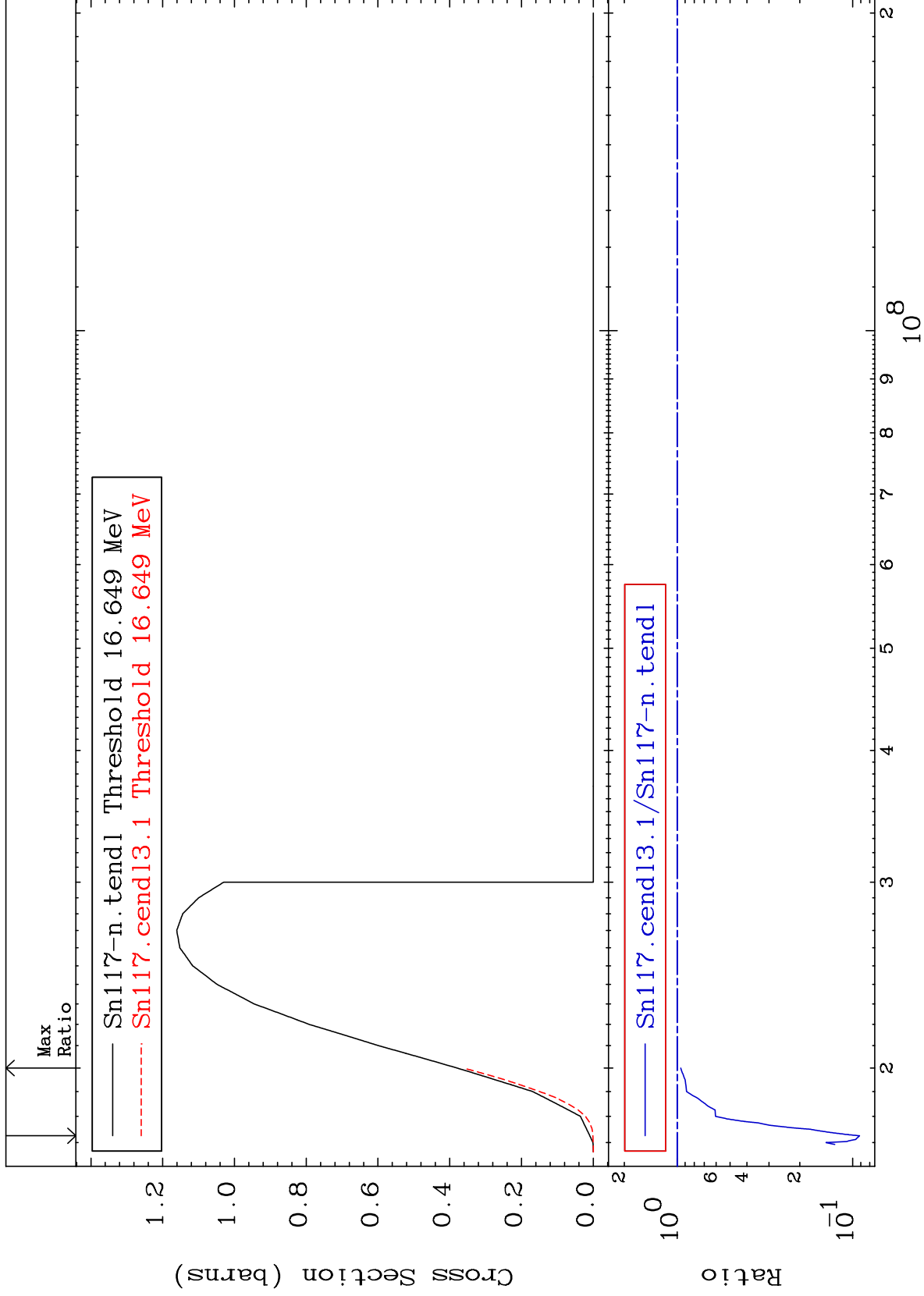
Incident Energy (eV)

50-Sn-117

MAT 5040

(n,3n)  
Cross Section

50-Sn-117  
-90.85 To -4.647%



5

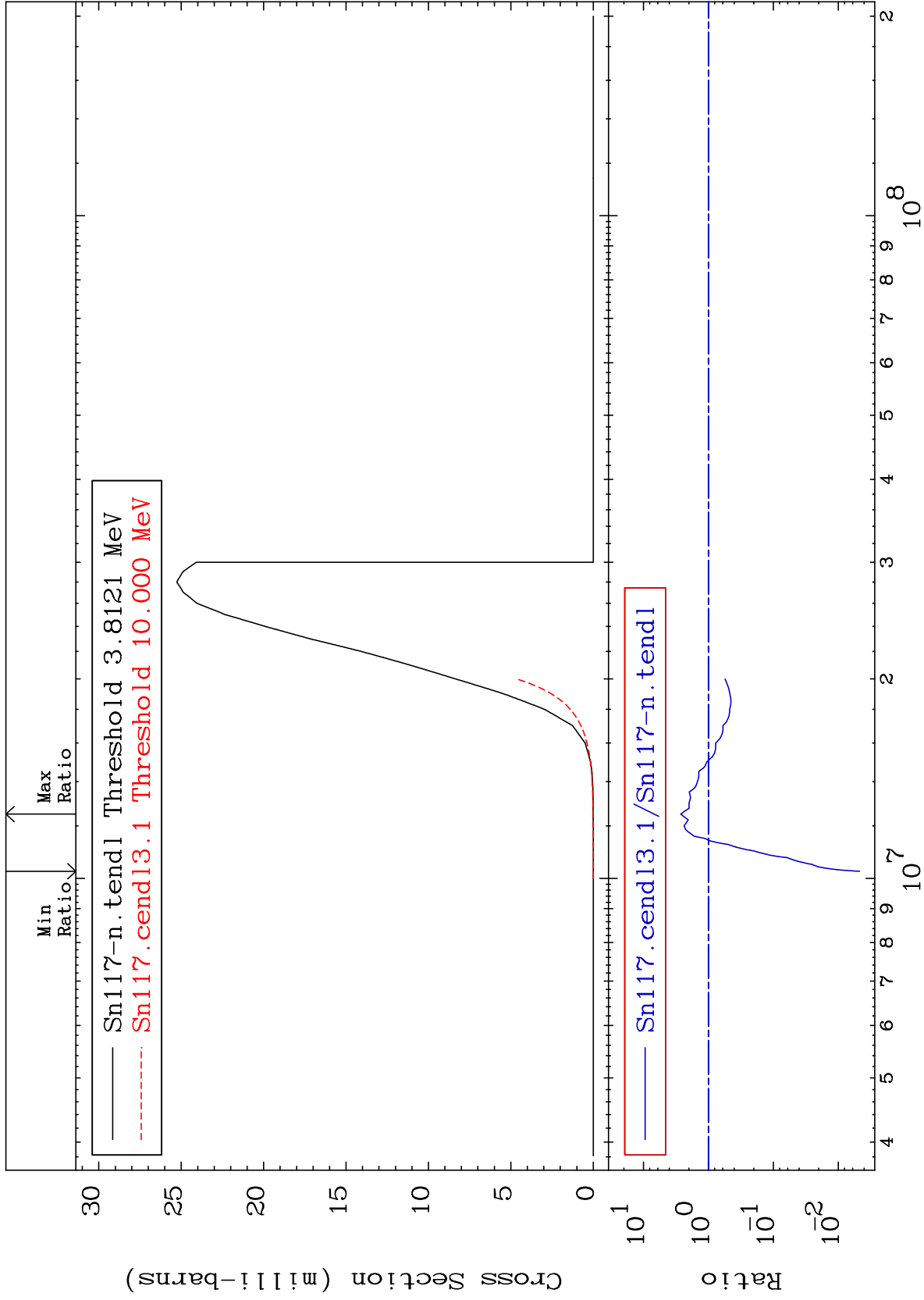
Incident Energy (eV)

50-Sn-117

MAT 5040

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

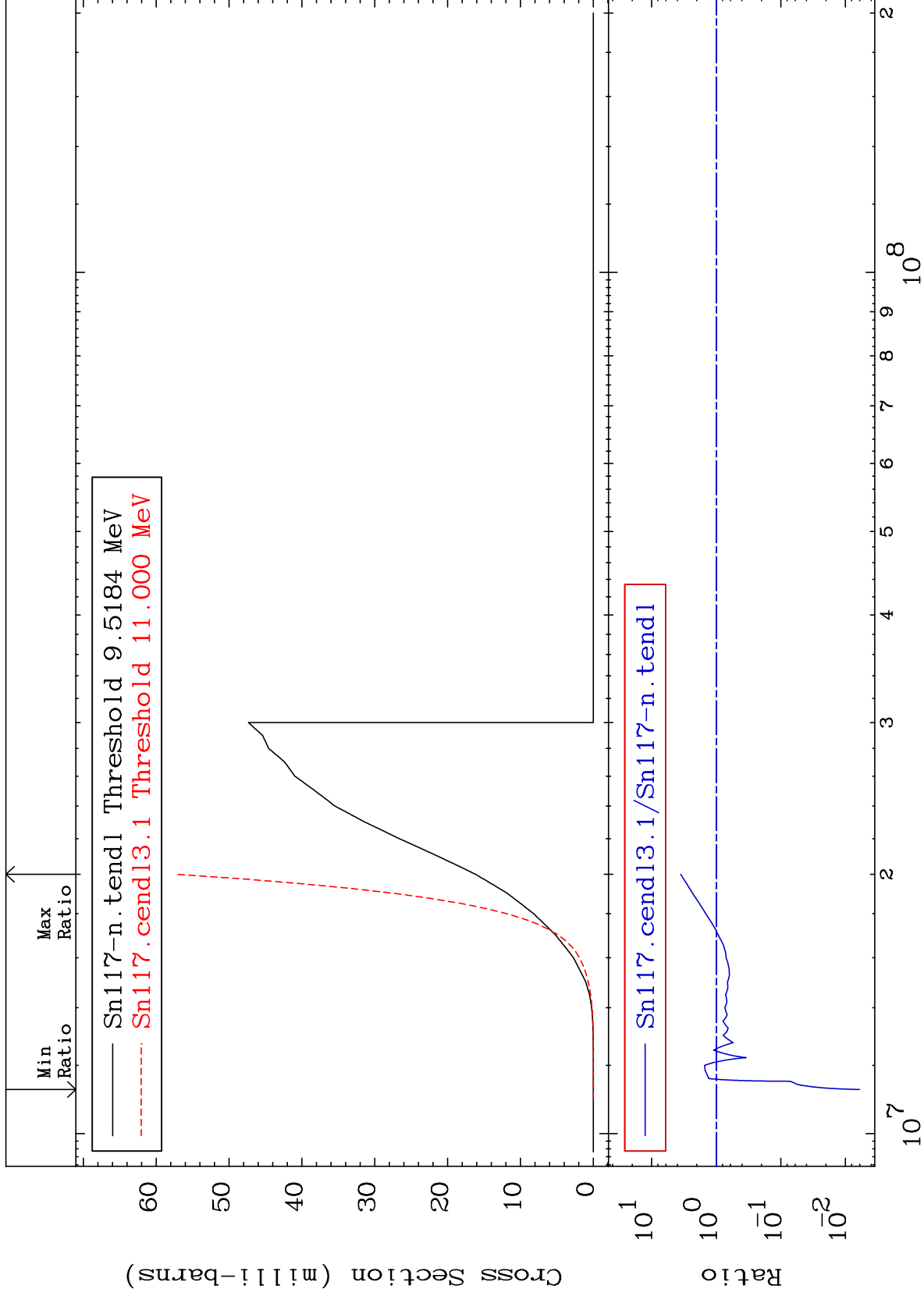
50-Sn-117  
-99.53 To 166.1 %



MAT 5040

(n,n') p  
Cross Section

50-Sn-117  
-99.39 To 253.9 %



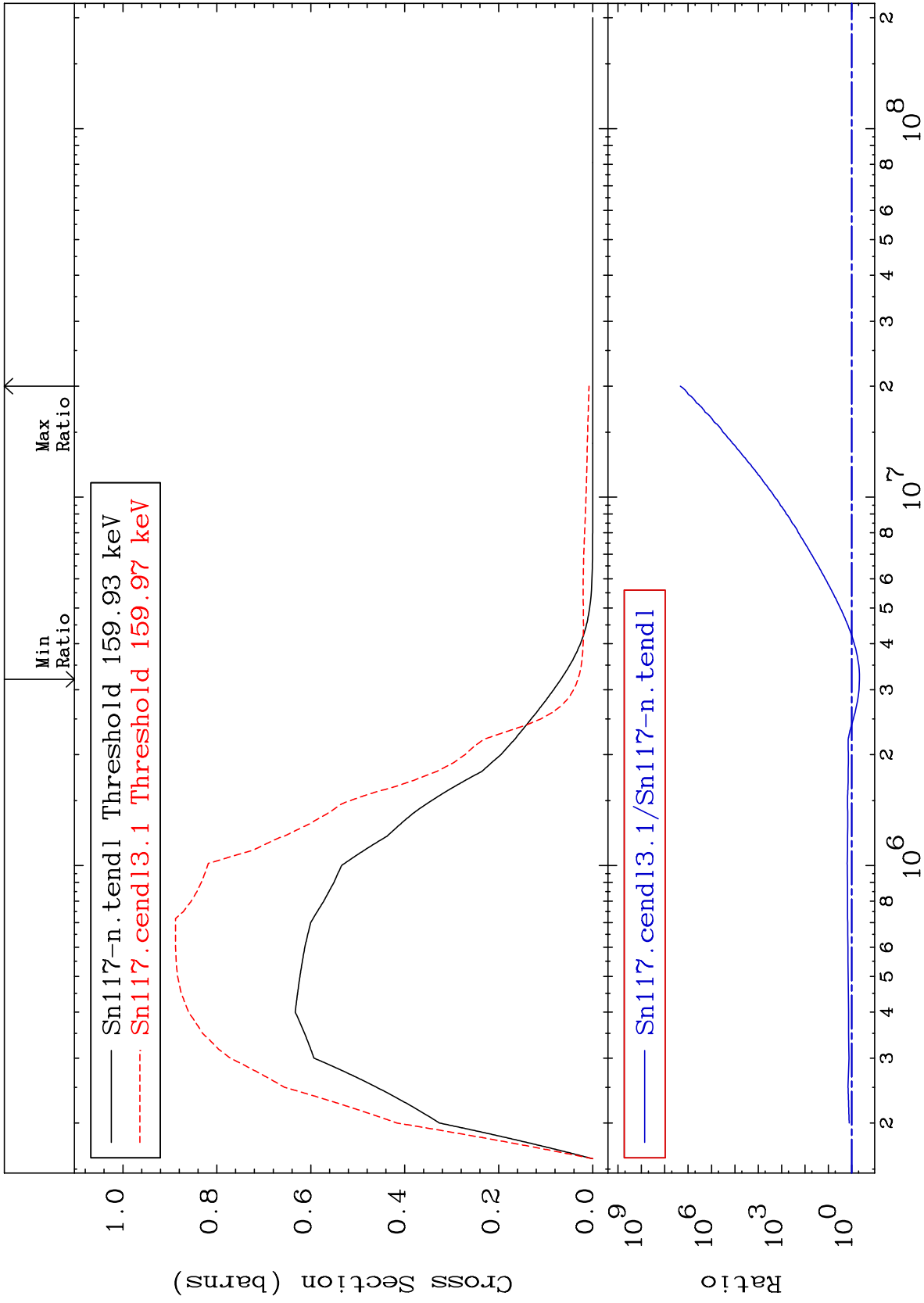
50-Sn-117

50-Sn-117

MAT 5040

158.6 keV (n,n') Level  
Cross Section

50-Sn-117  
-53.54 To 9999. %





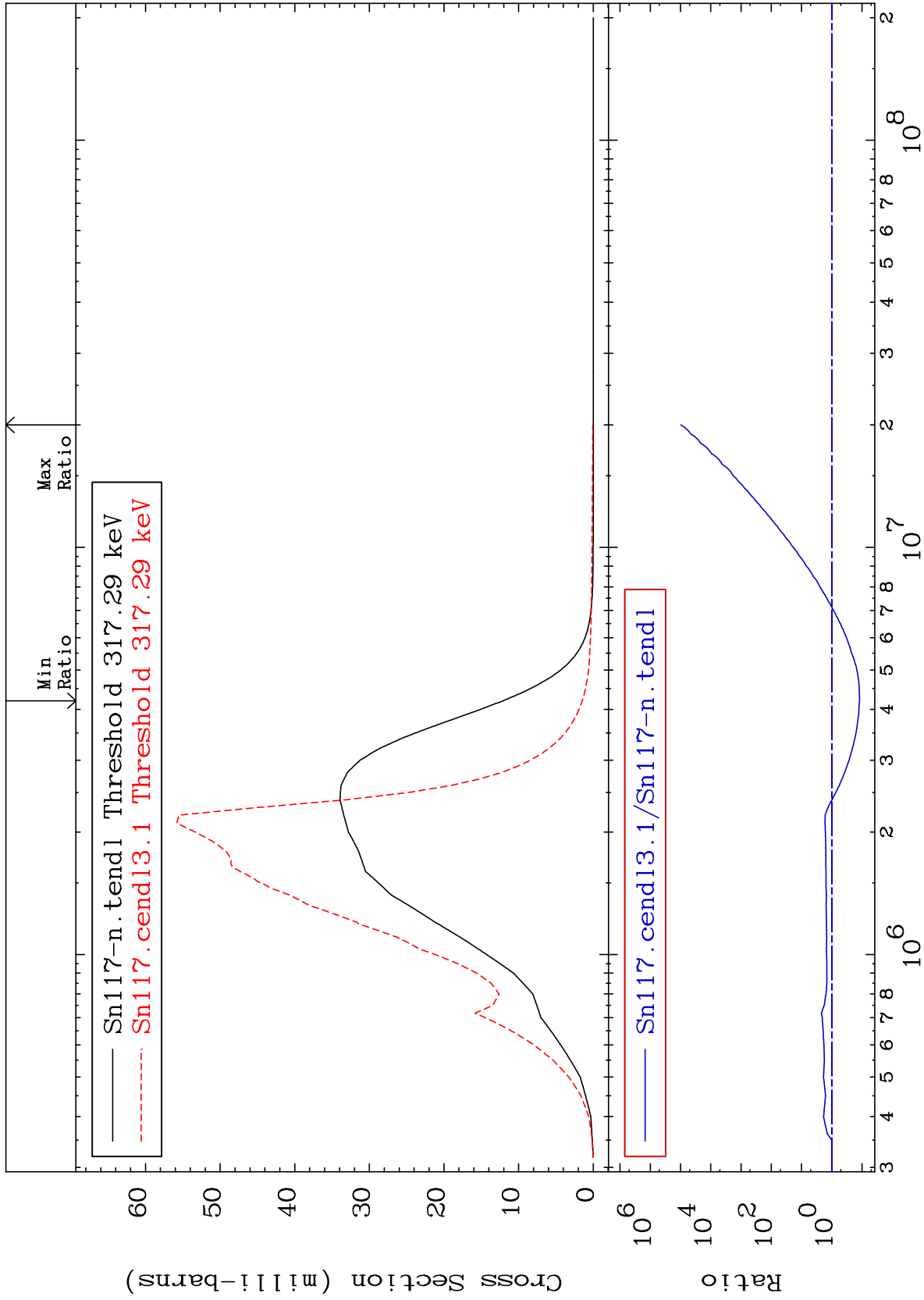
MAT 5040

314.6 keV (n,n') Level

50-Sn-117

-87.92 To 9999. %

Cross Section



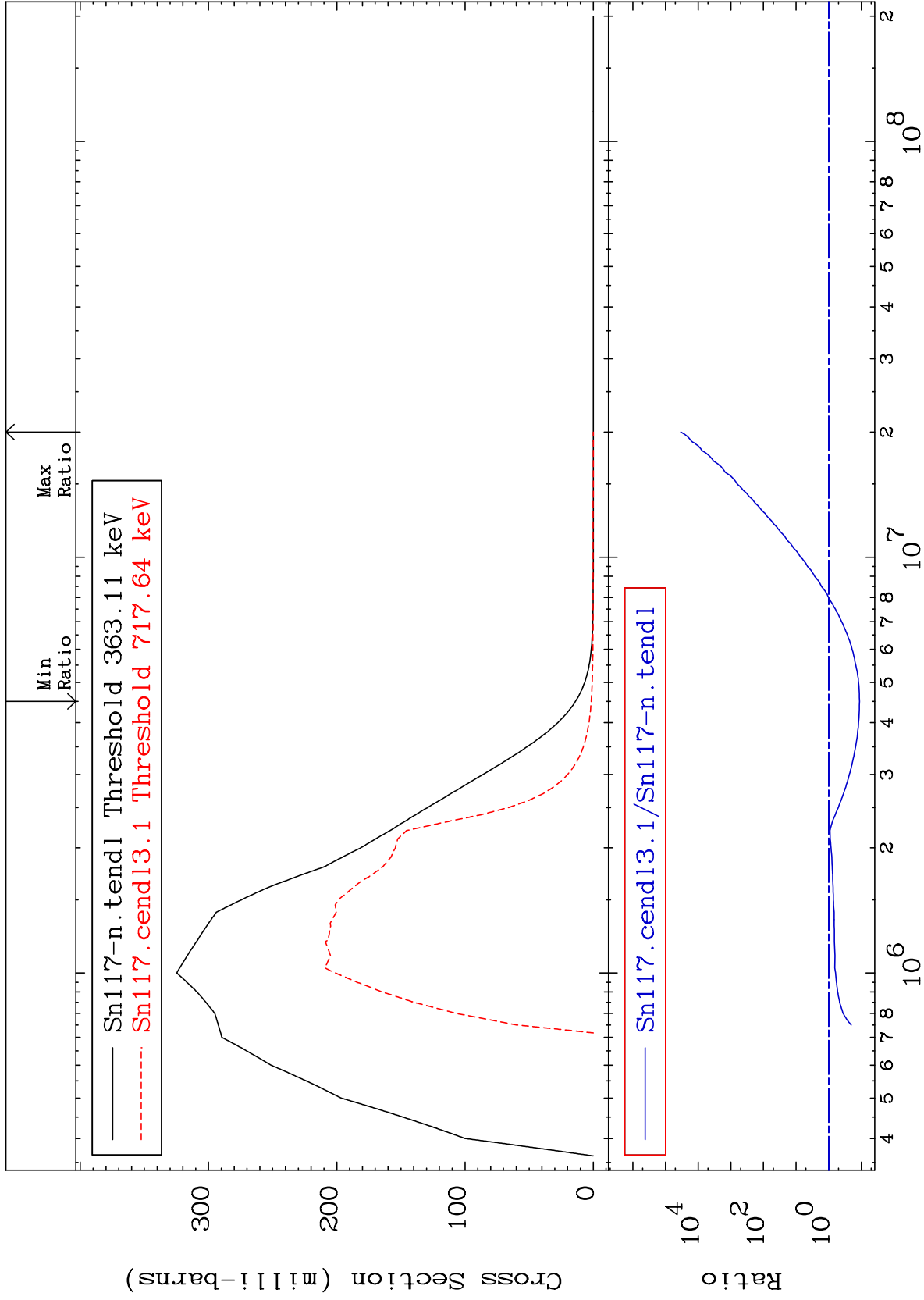
MAT 5040

360.0 keV (n,n') Level

50-Sn-117

-88.63 To 9999. %

Cross Section



10

Incident Energy (eV)

50-Sn-117

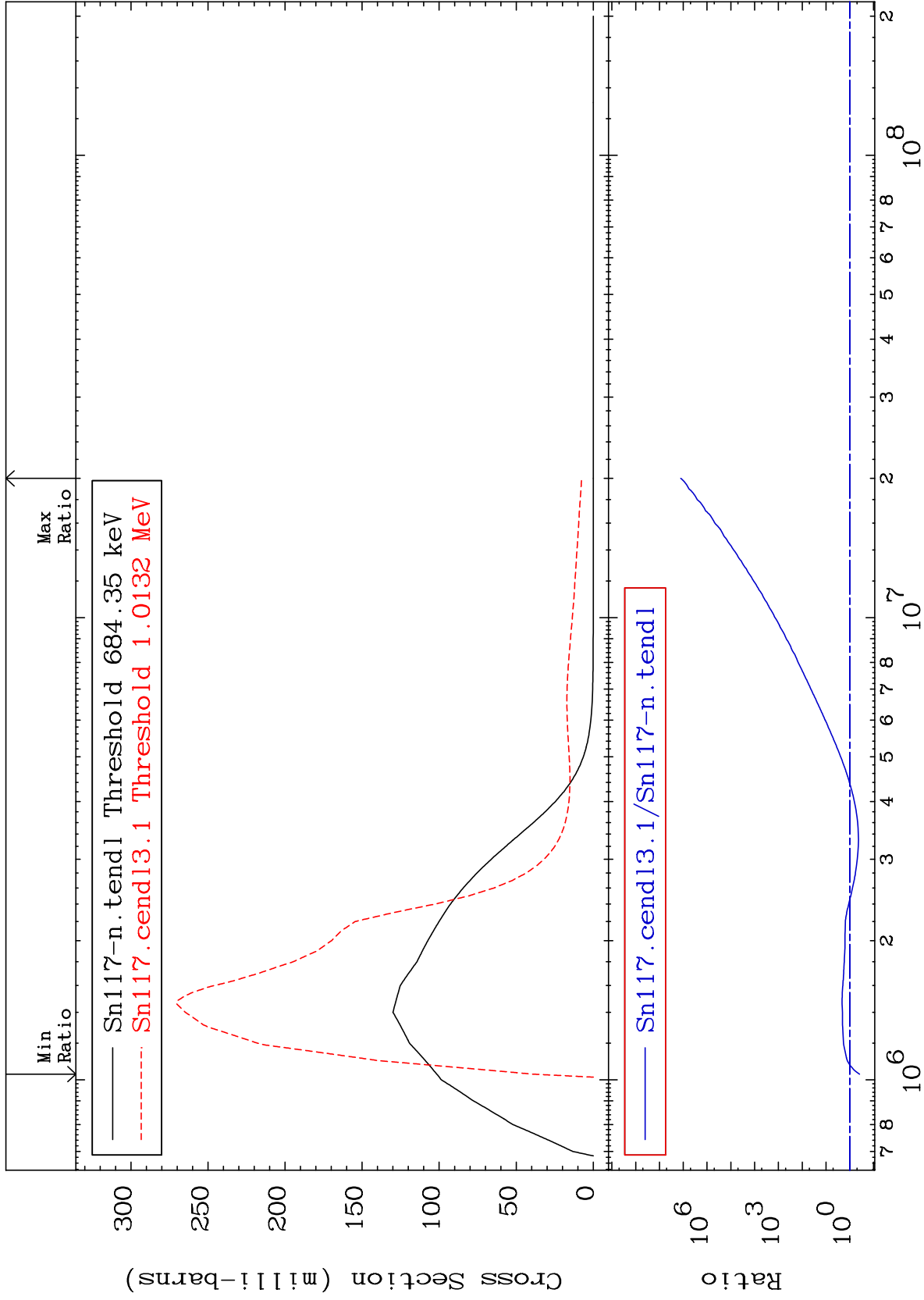
MAT 5040

678.5 keV (n,n') Level

50-Sn-117

-61.14 To 9999. %

Cross Section



11

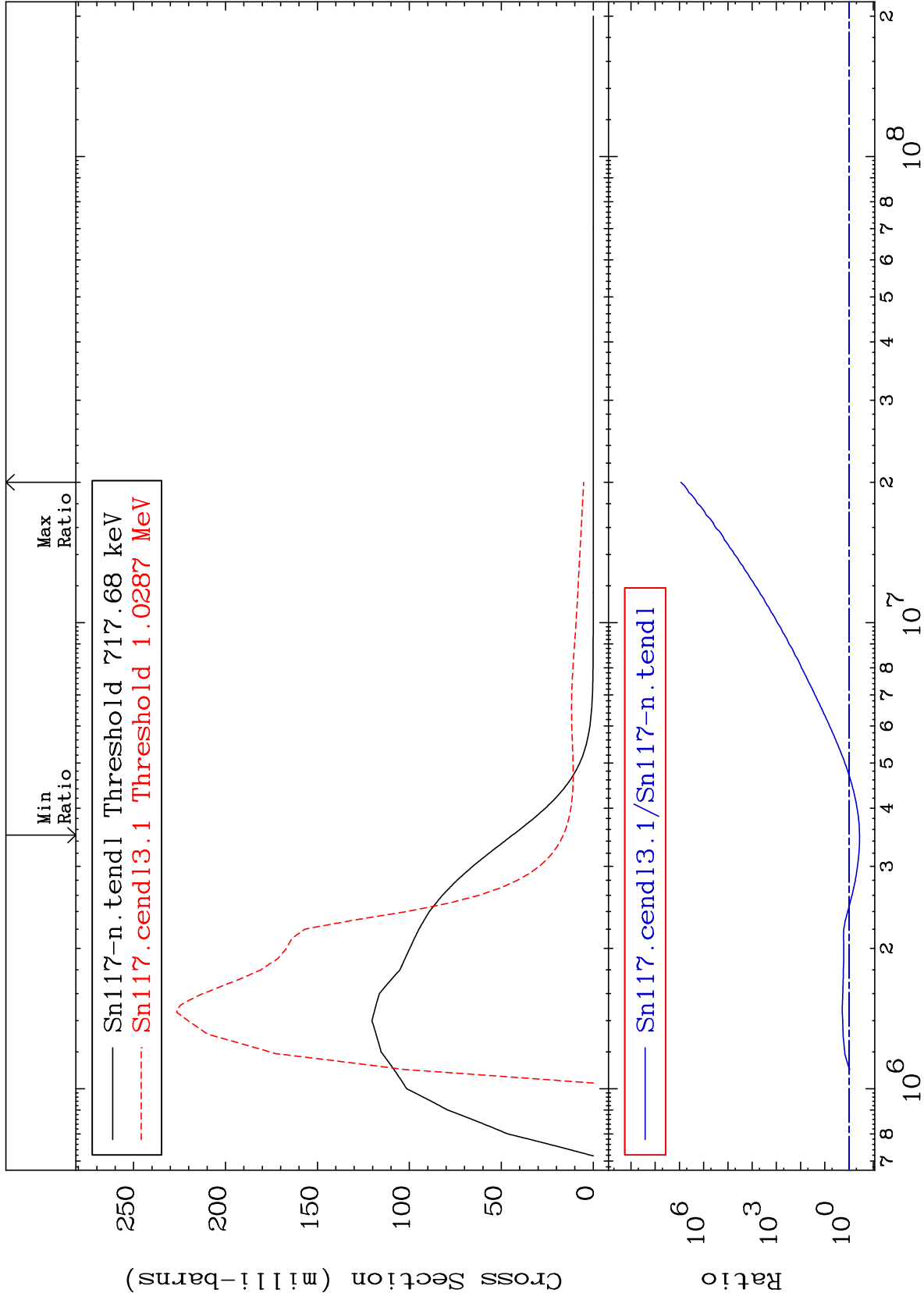
MAT 5040

711.5 keV (n,n') Level

50-Sn-117

-62.89 To 9999. %

Cross Section



12

Incident Energy (eV)

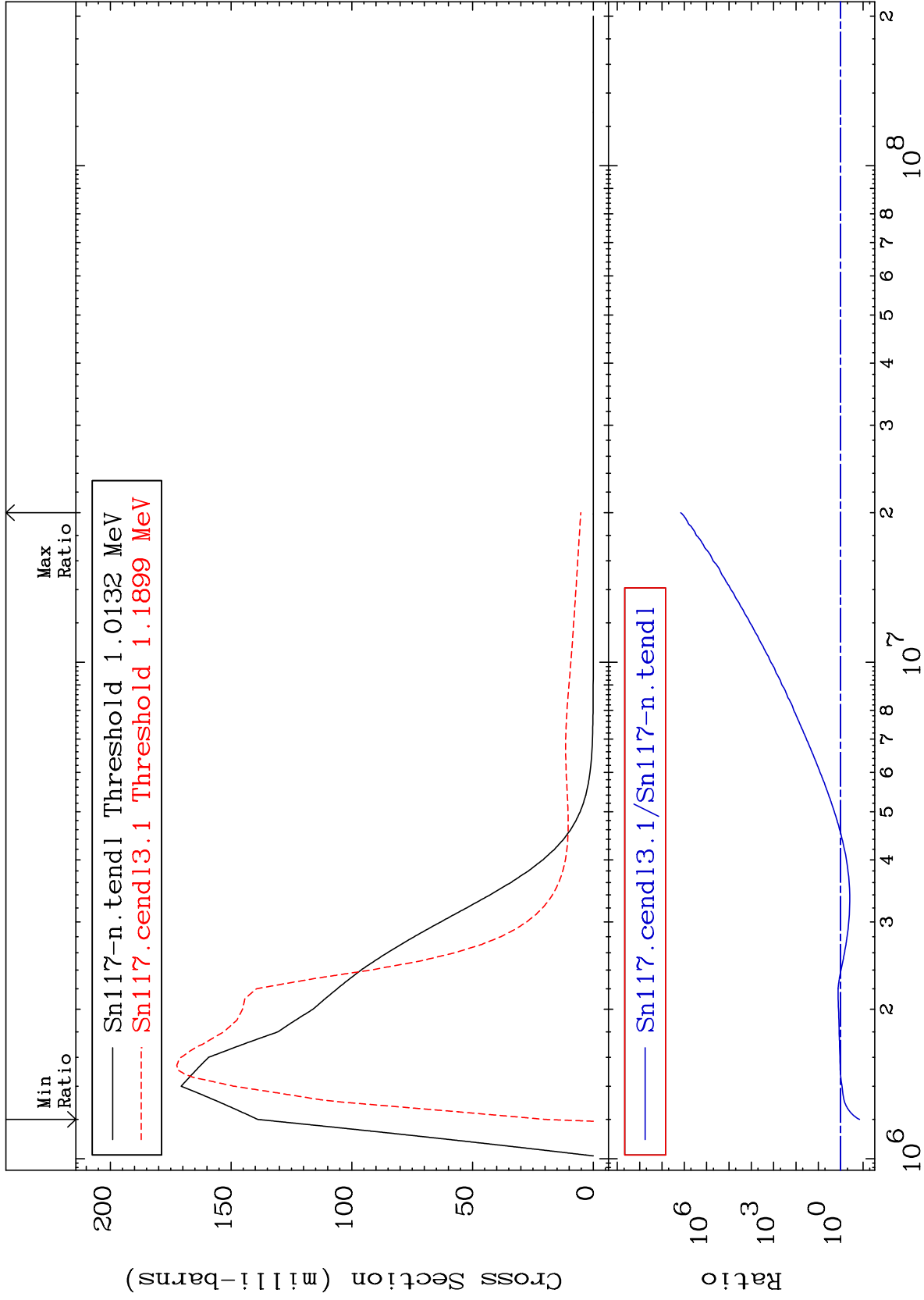
50-Sn-117

MAT 5040

1.005 MeV (n,n') Level

50-Sn-117

-85.72 To 9999. %



13

Incident Energy (eV)

50-Sn-117

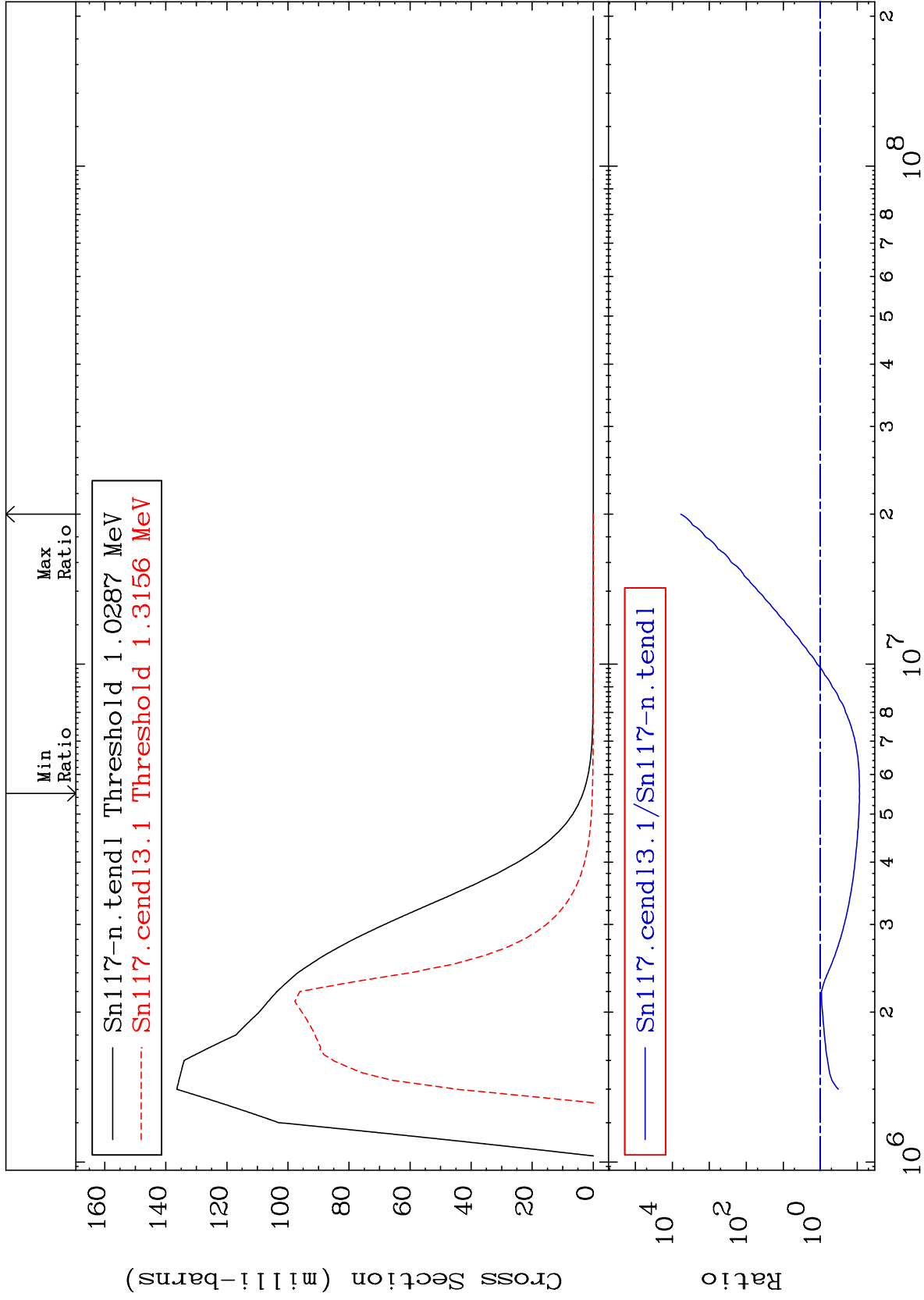
MAT 5040

1.020 MeV (n,n') Level

50-Sn-117

-91.32 To 9999. %

Cross Section

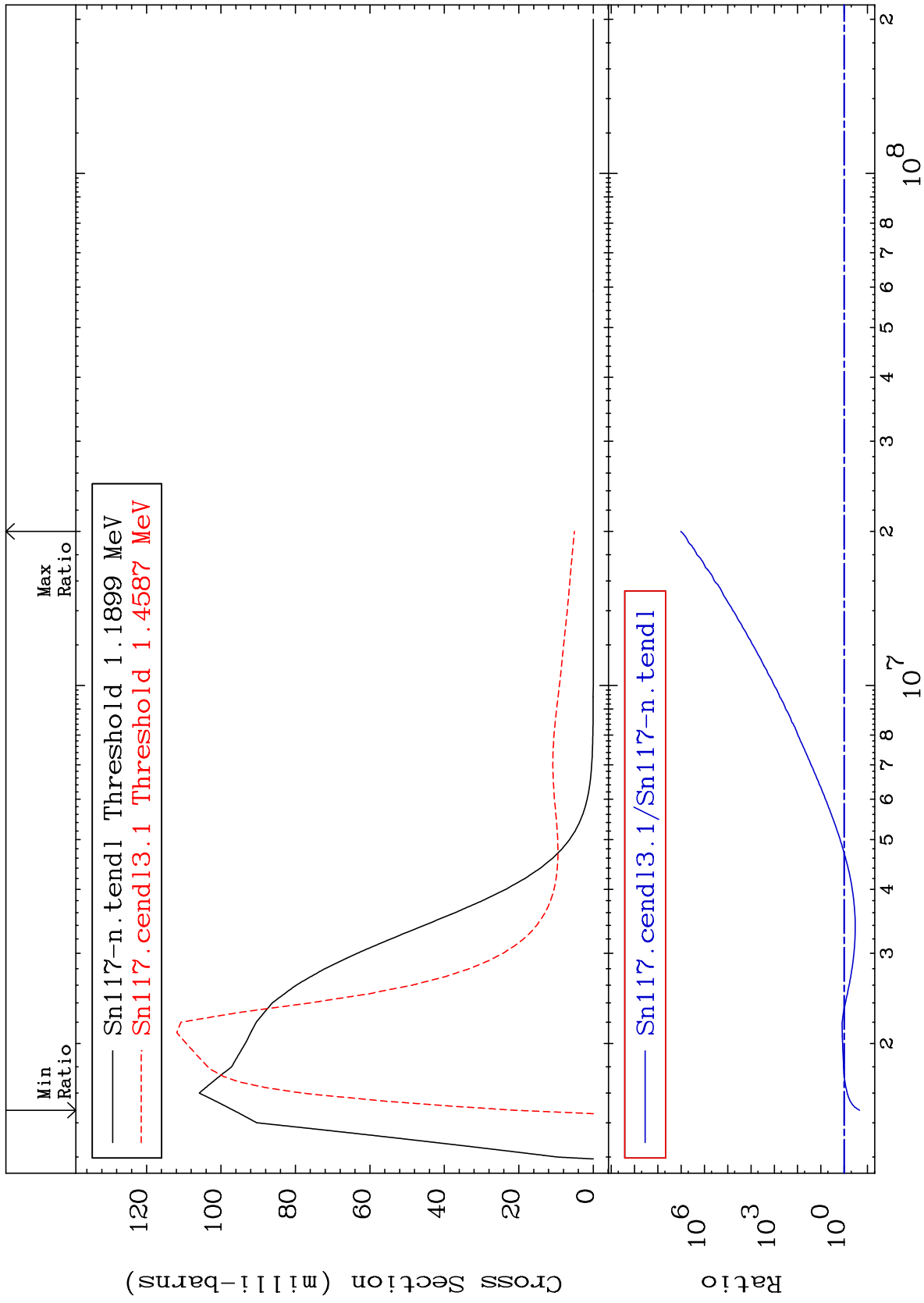


14

Incident Energy (eV)

50-Sn-117

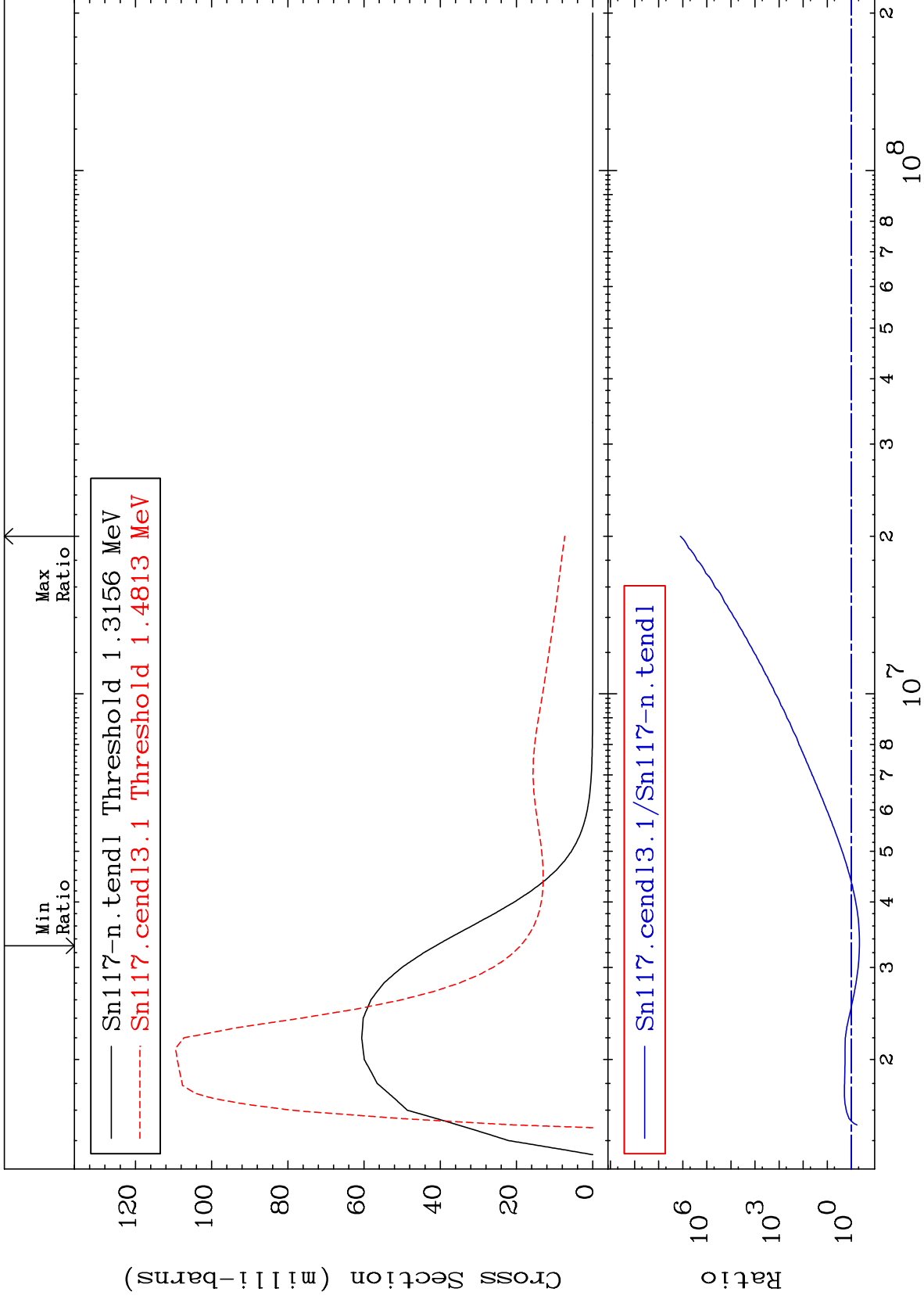
MAT 5040 1.180 MeV (n,n') Level 50-Sn-117  
 Cross Section -78.10 To 9999. %



MAT 5040

1.304 MeV (n,n') Level  
Cross Section

50-Sn-117  
-53.98 To 9999. %



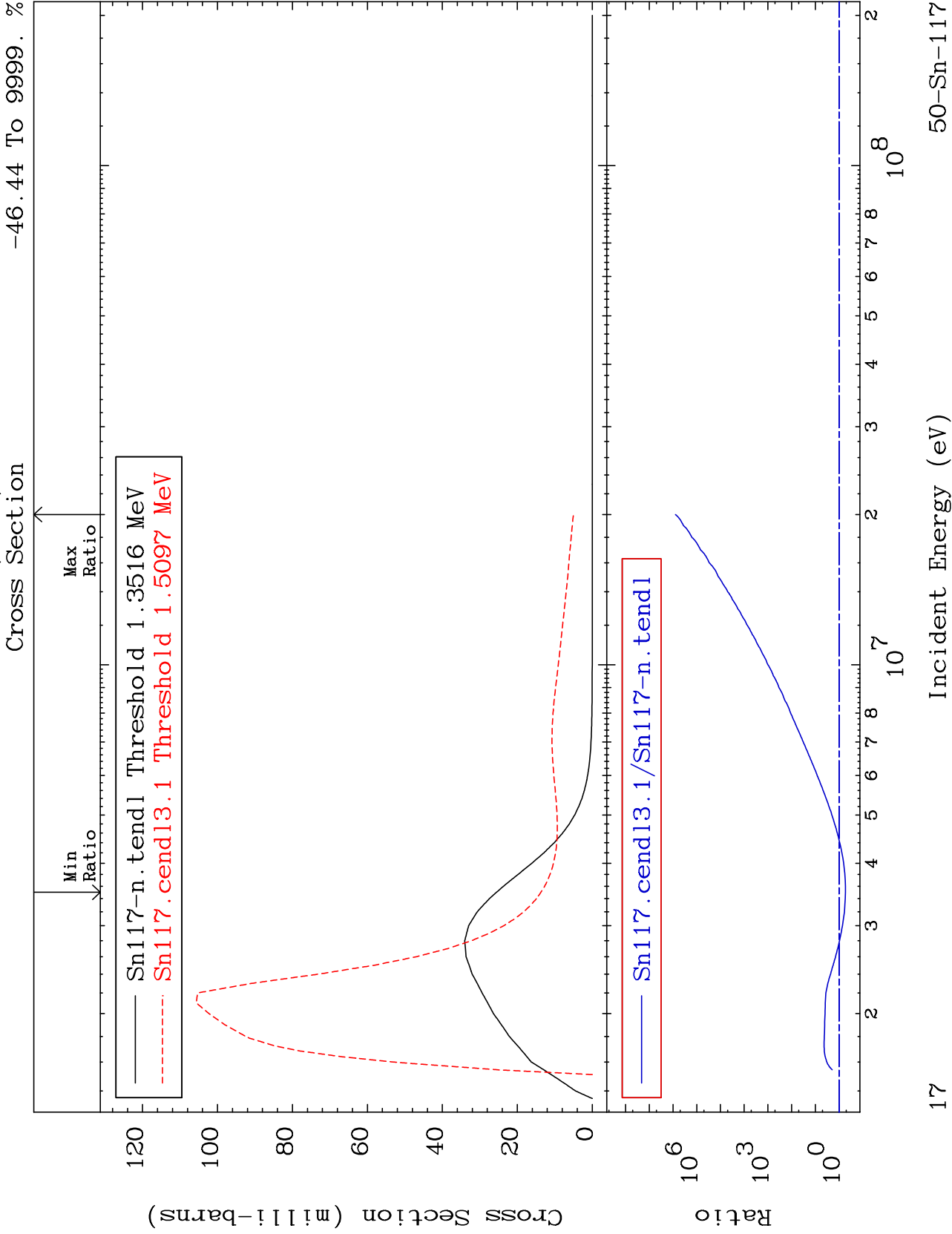


MAT 5040

1.340 MeV (n,n') Level

50-Sn-117

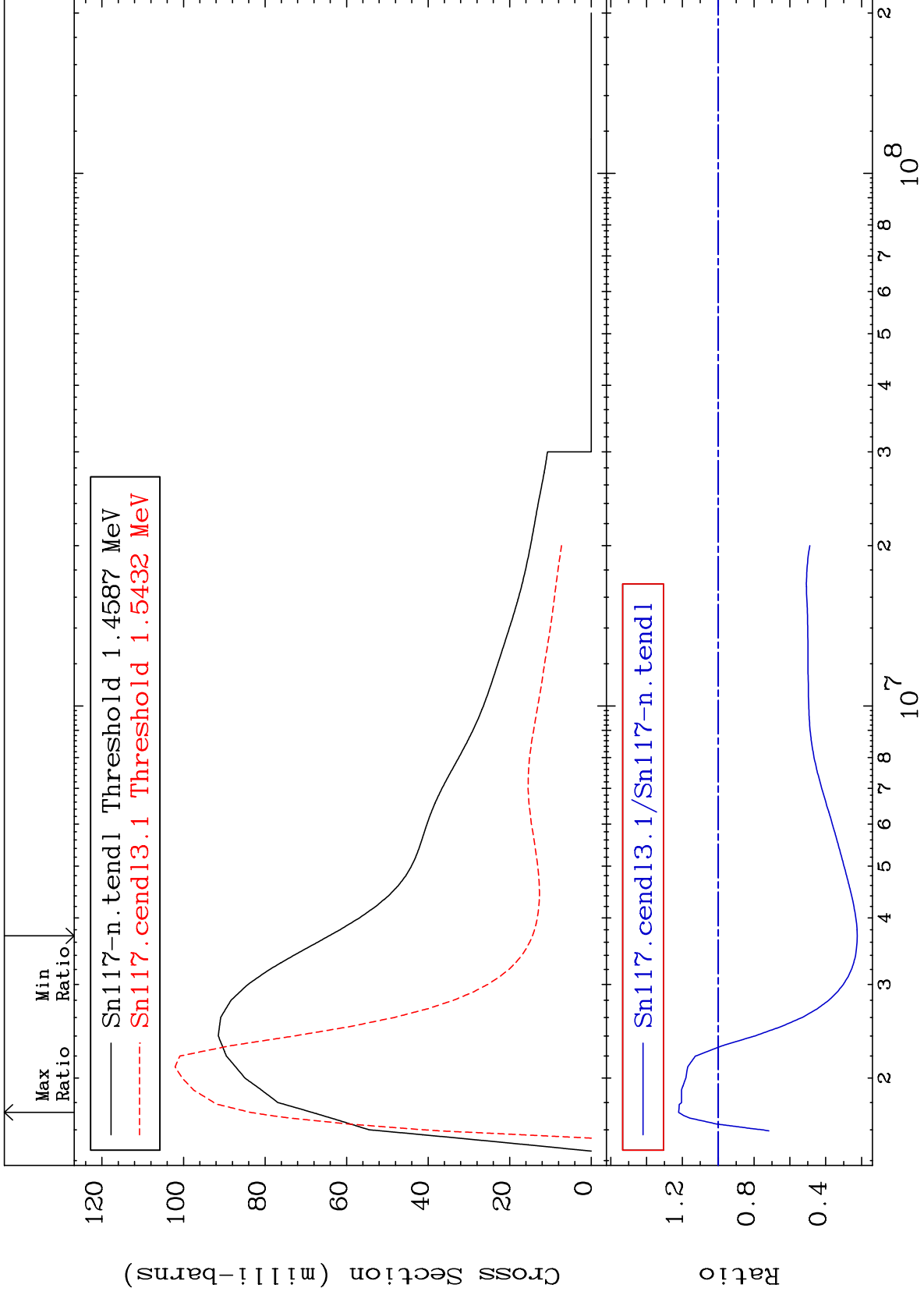
-46.44 To 9999. %



MAT 5040

1.446 MeV (n,n') Level  
Cross Section

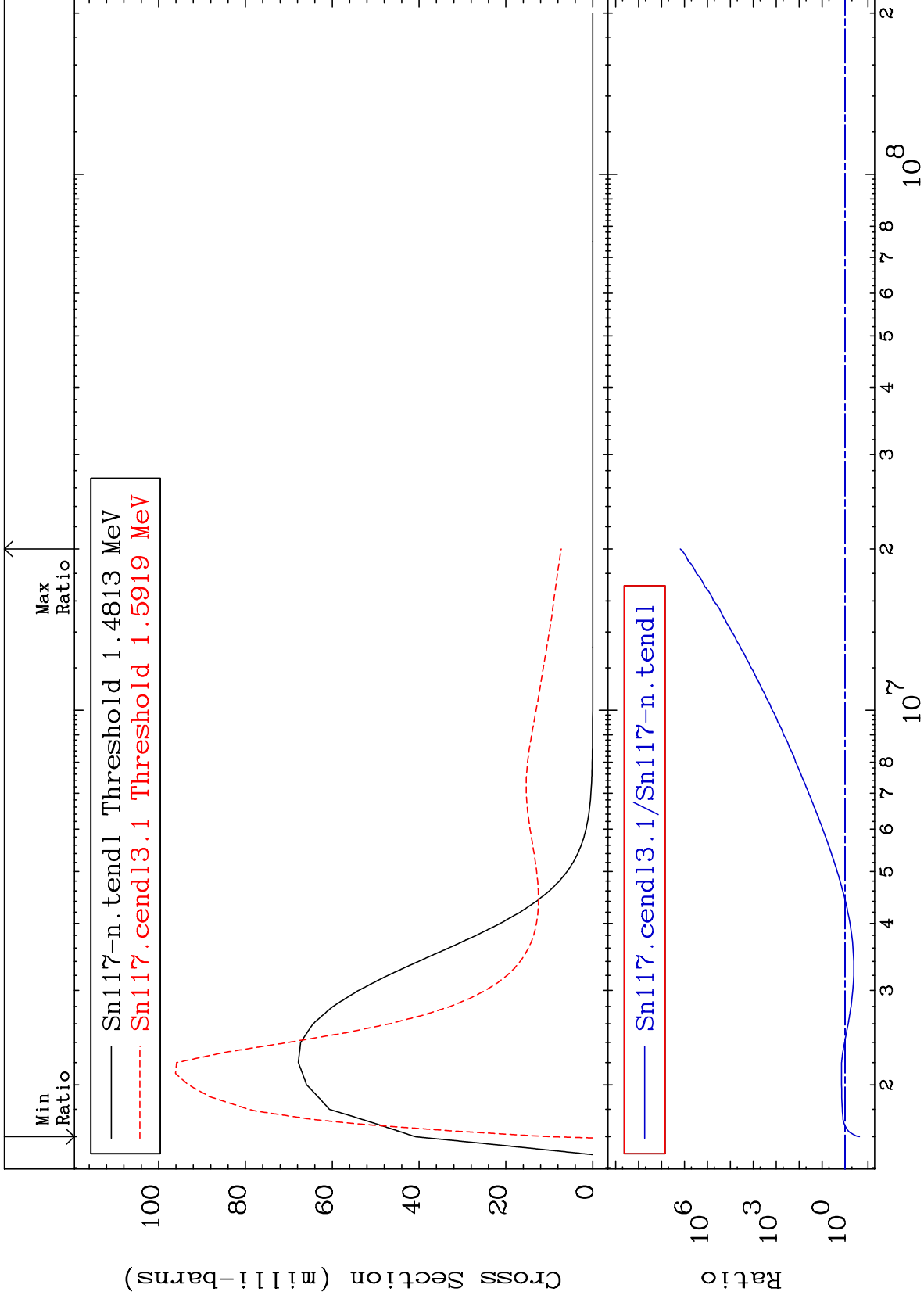
50-Sn-117  
-77.60 To 22.10 %



MAT 5040

1.469 MeV (n,n') Level  
Cross Section

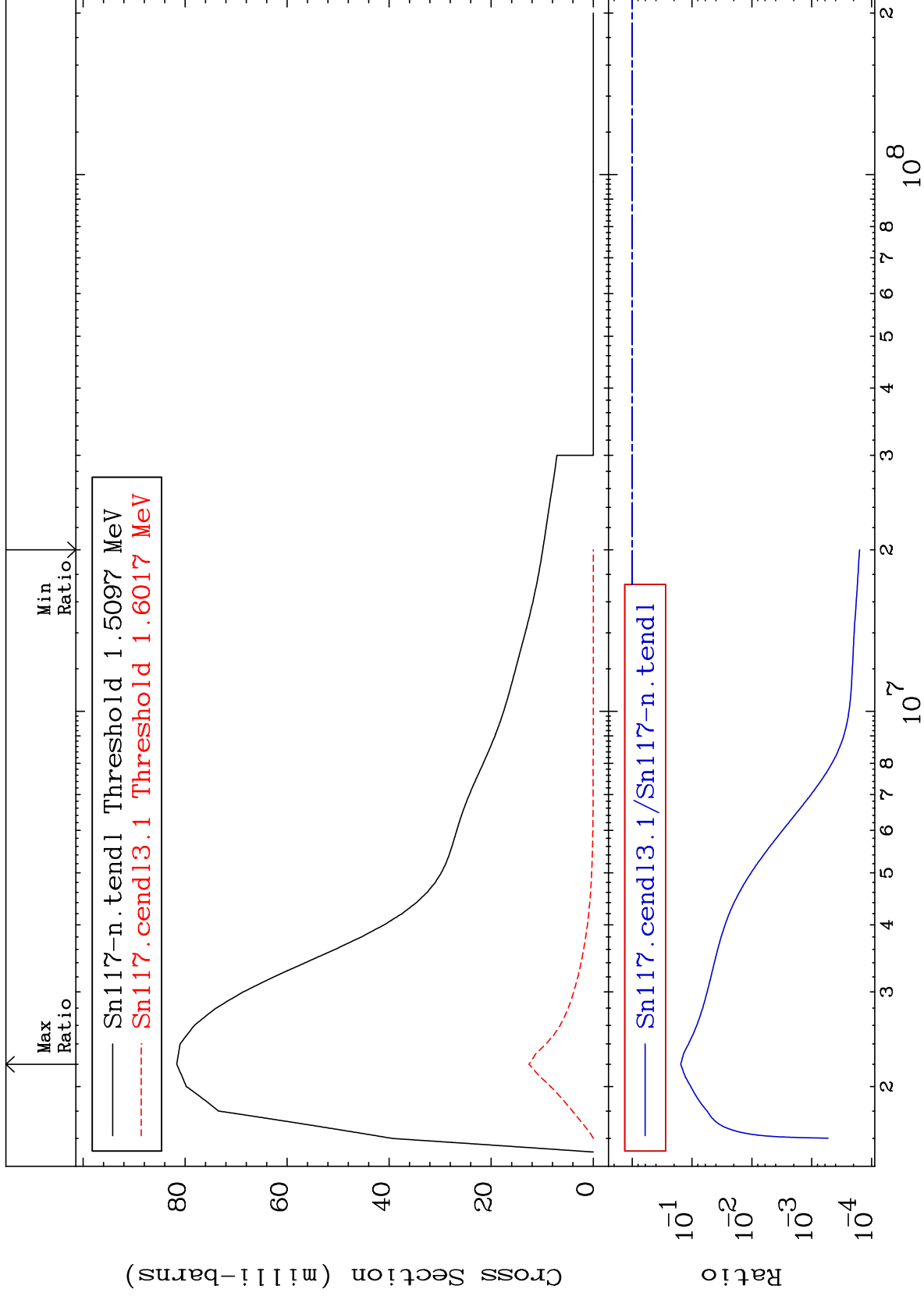
50-Sn-117  
-76.48 To 9999. %



MAT 5040

1.497 MeV (n,n') Level  
Cross Section

50-Sn-117  
-99.98 To -84.59%



20

Incident Energy (eV)

50-Sn-117

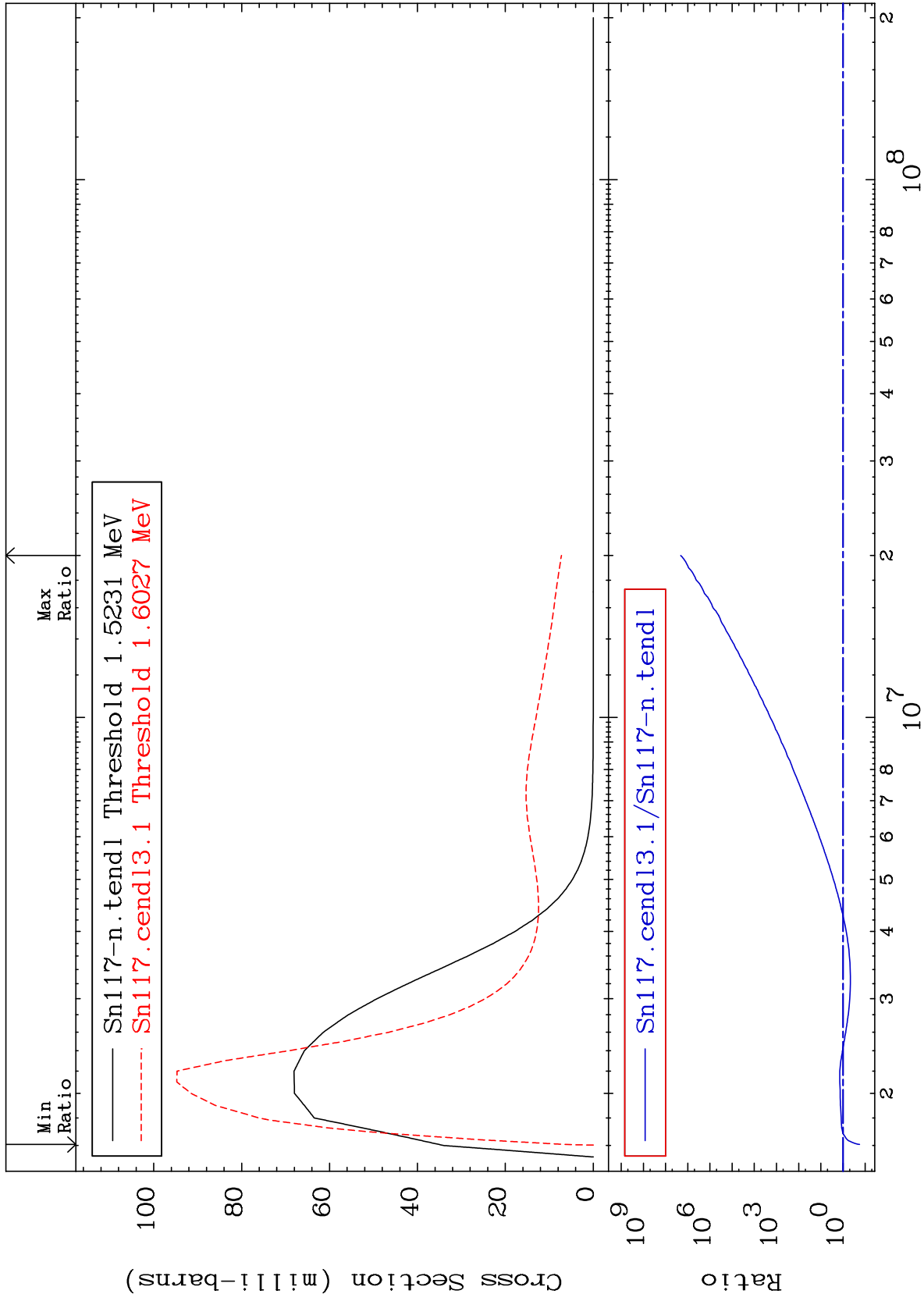
MAT 5040

1.510 MeV (n,n') Level

50-Sn-117

-81.95 To 9999. %

Cross Section



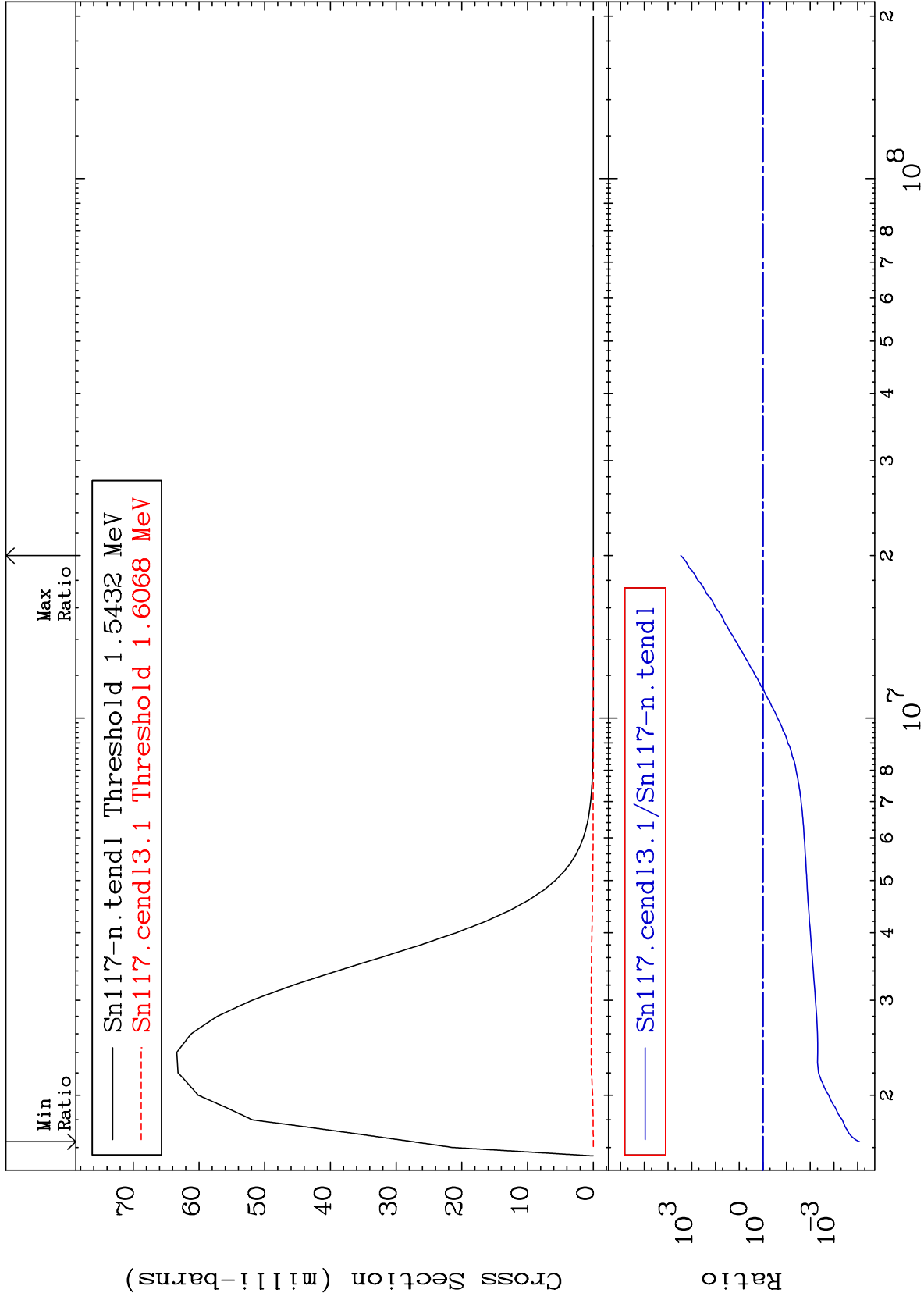
MAT 5040

1.530 MeV (n,n') Level

50-Sn-117

-99.99 To 9999. %

Cross Section



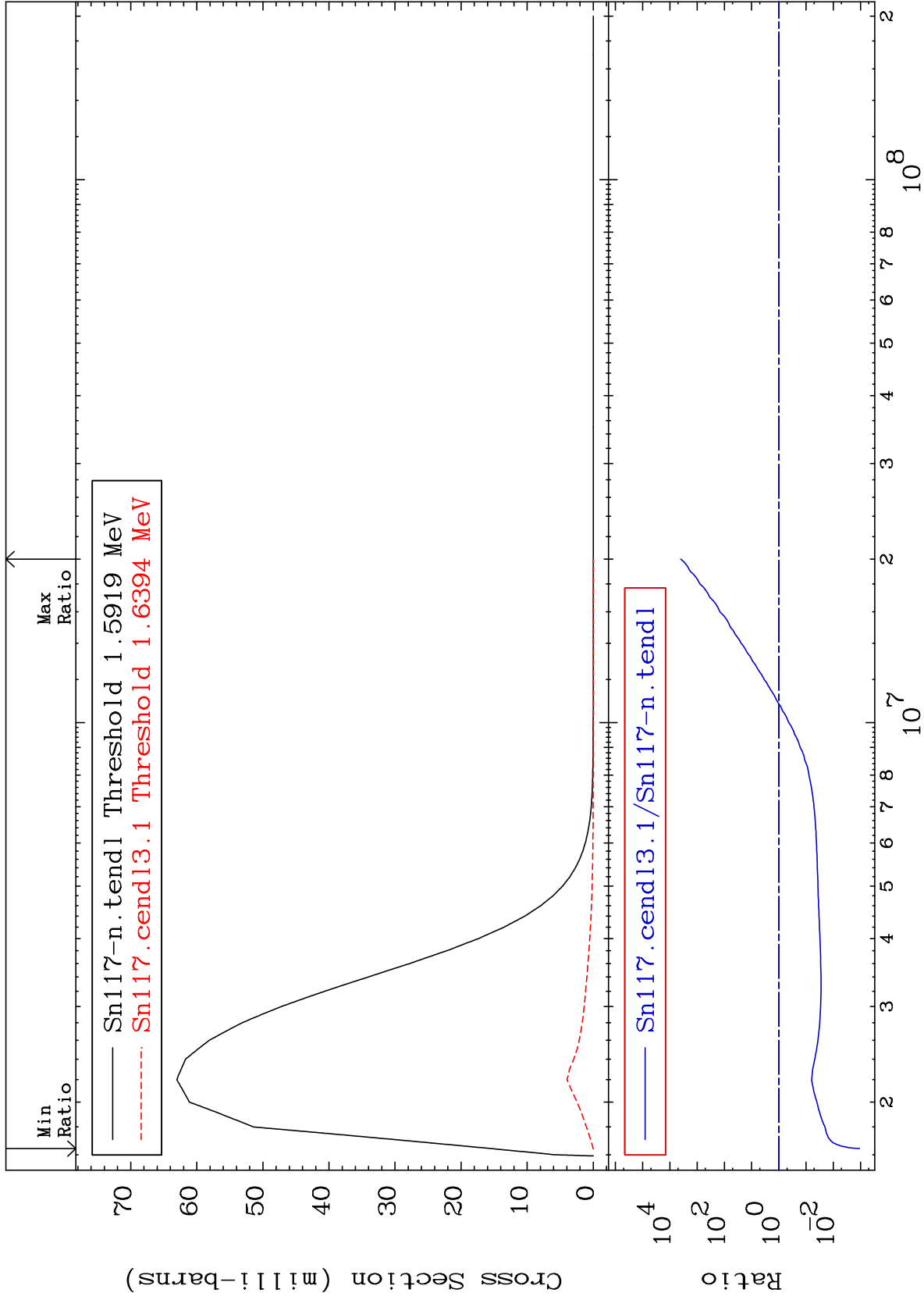
MAT 5040

1.578 MeV (n,n') Level

50-Sn-117

-99.89 To 9999. %

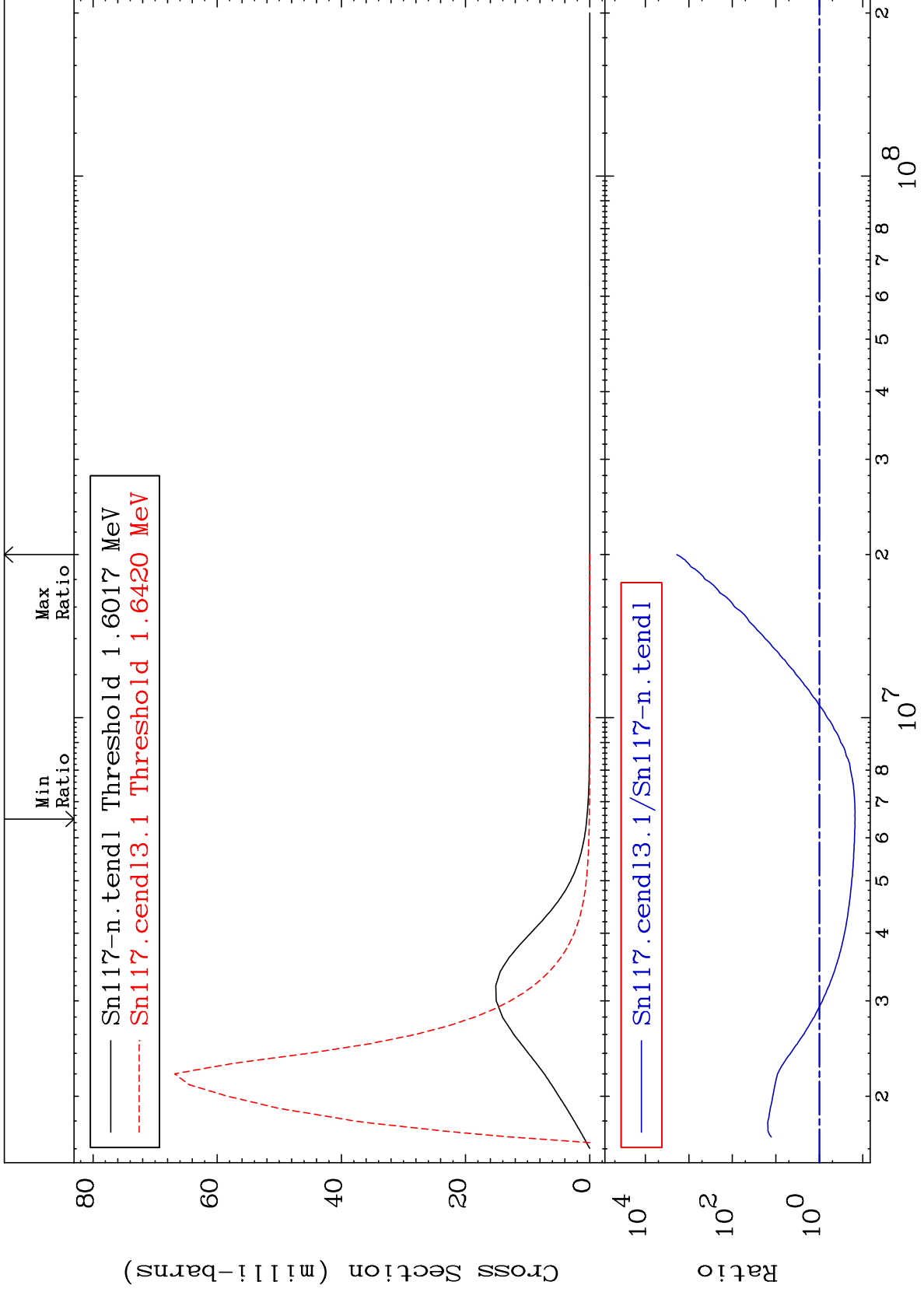
Cross Section



MAT 5040

1.588 MeV (n,n') Level  
Cross Section

50-Sn-117  
-84.93 To 9999. %

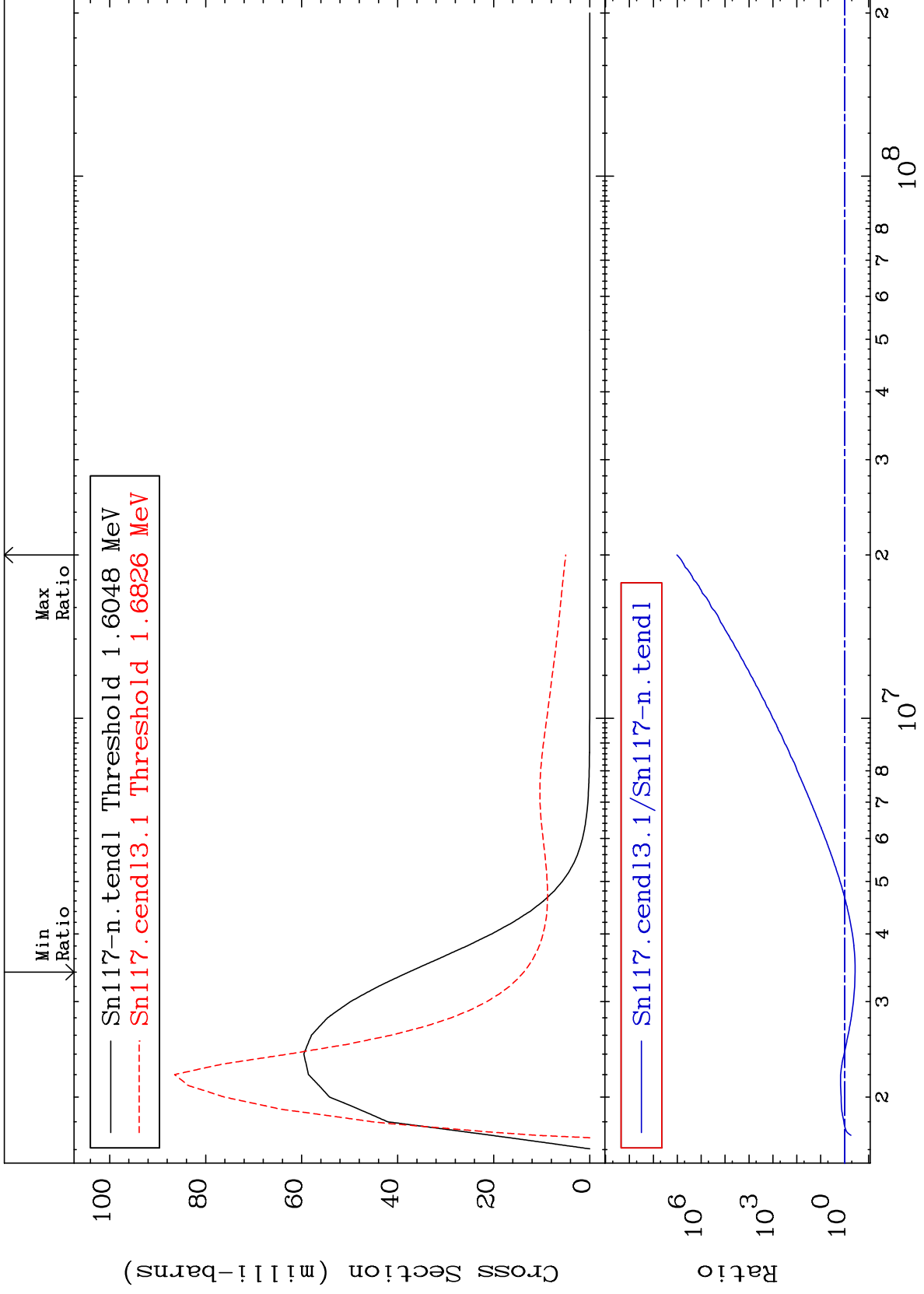




MAT 5040

1.591 MeV (n,n') Level  
Cross Section

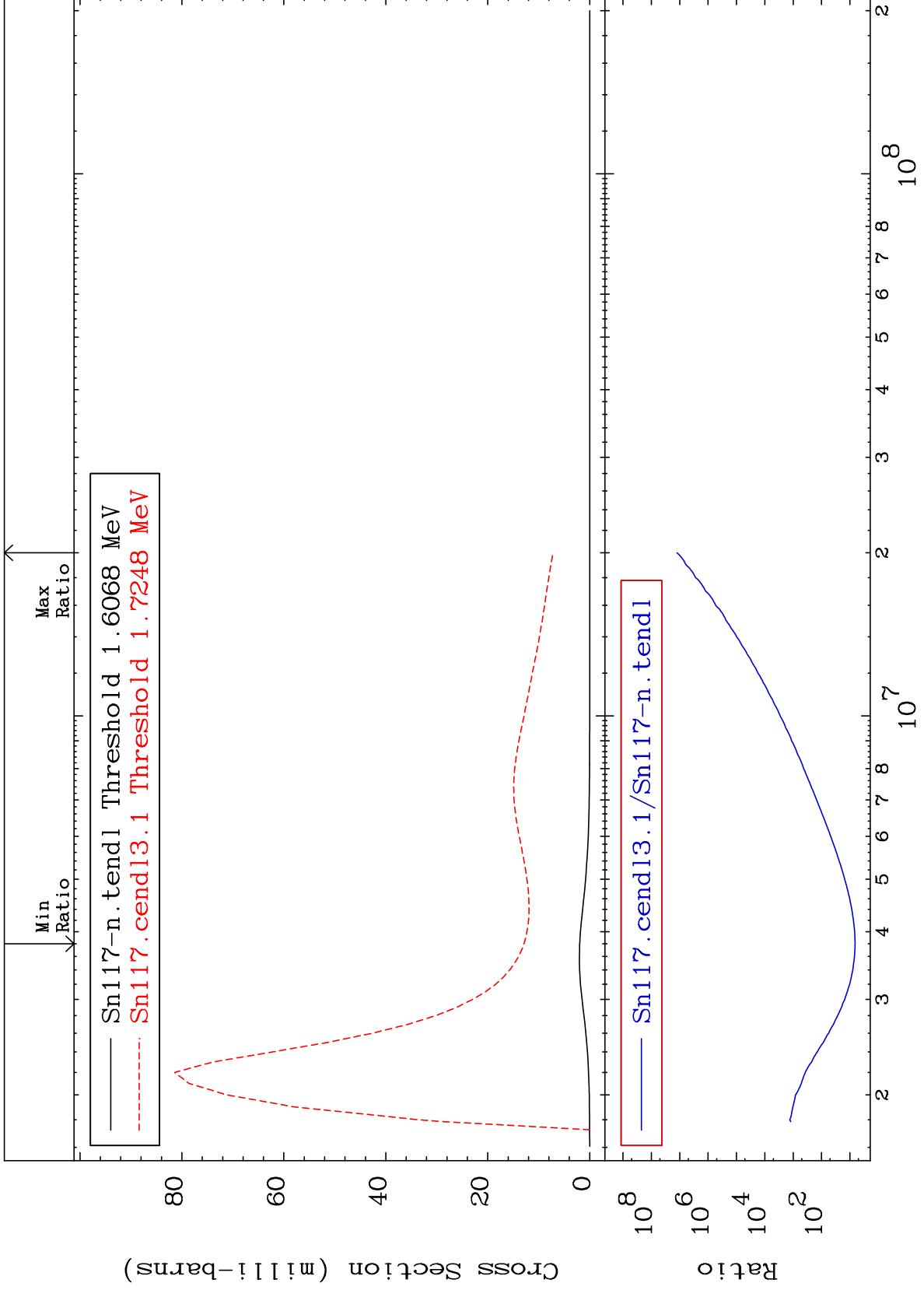
50-Sn-117  
-63.53 To 9999. %



MAT 5040

1.593 MeV (n,n') Level  
Cross Section

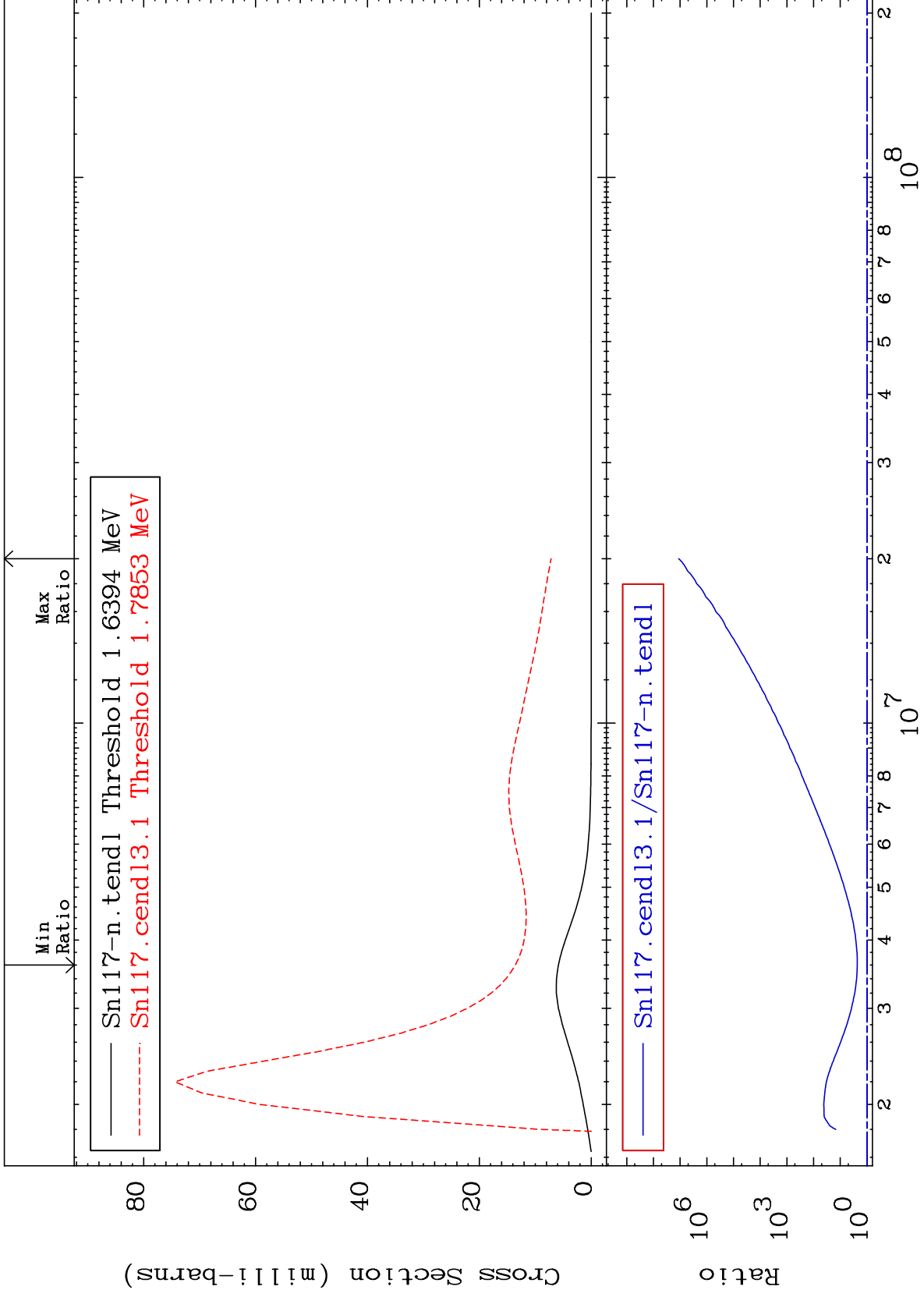
50-Sn-117  
To 9999. %  
555.4



MAT 5040

1.625 MeV (n,n') Level  
Cross Section

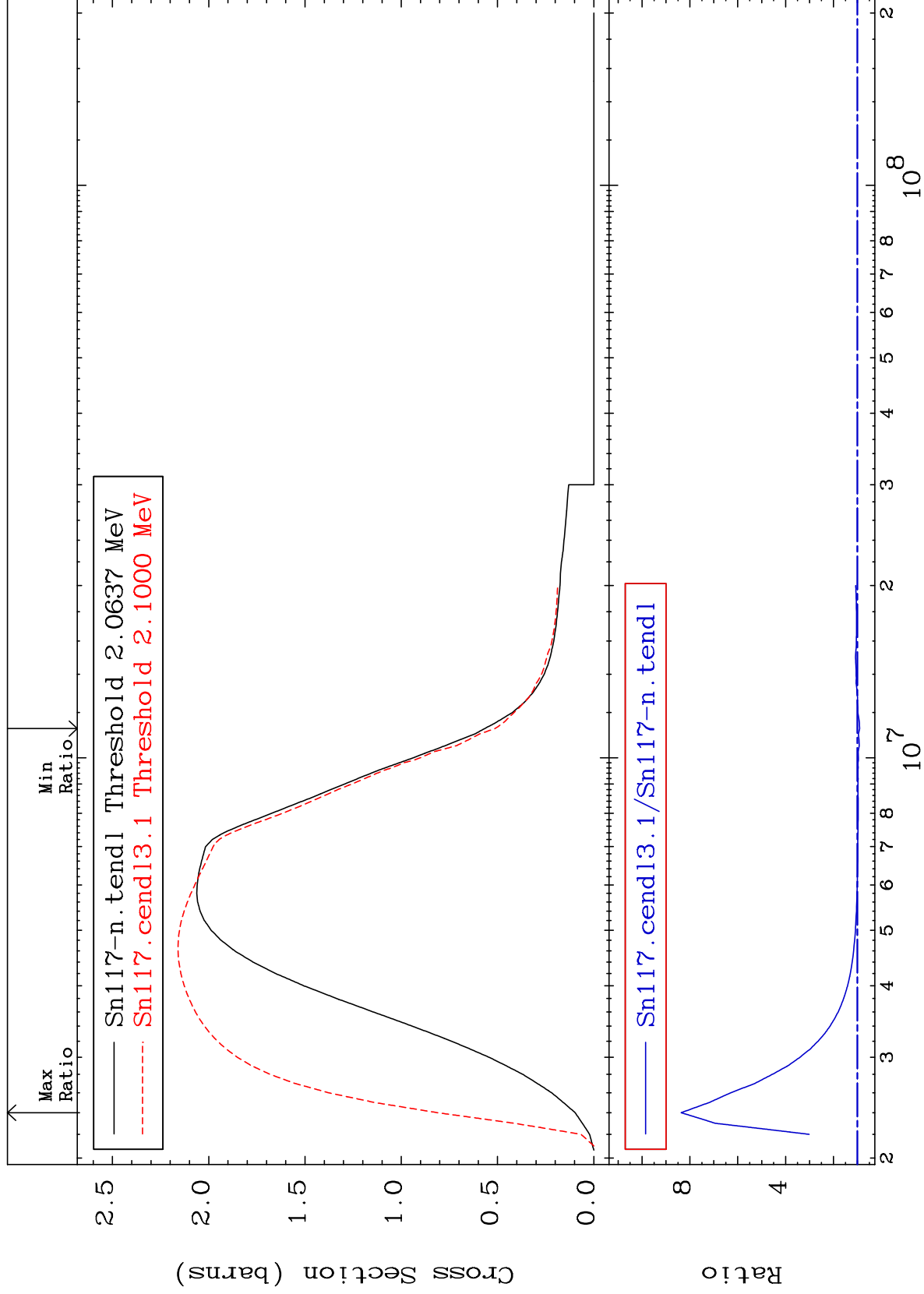
50-Sn-117  
130.9 To 9999. %



MAT 5040

(n, n') Continuum  
Cross Section

50-Sn-117  
-9.420 To 736.5 %



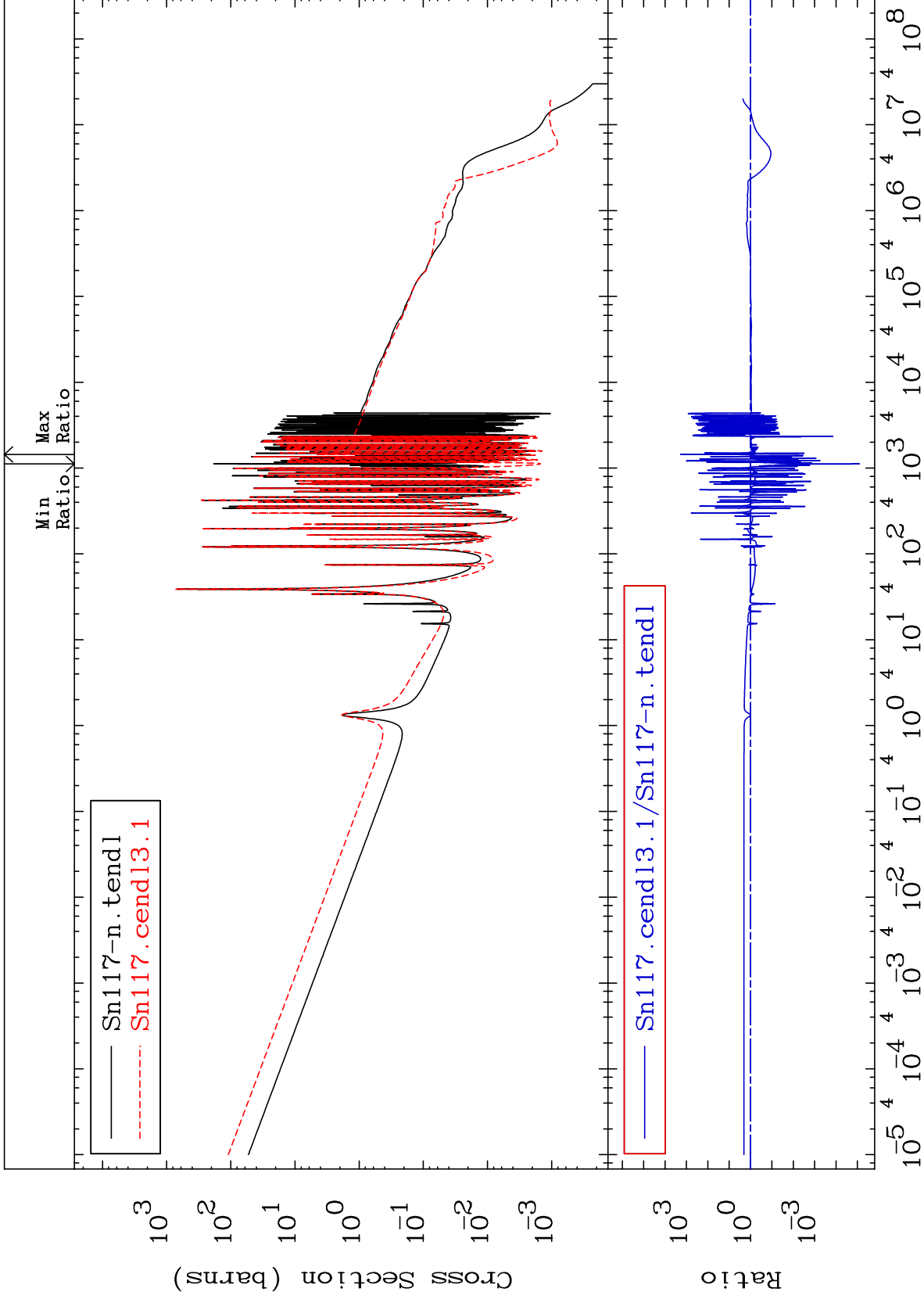
MAT 5040

50-Sn-117

-100.0 To 9999. %

(n,  $\gamma$ )

Cross Section

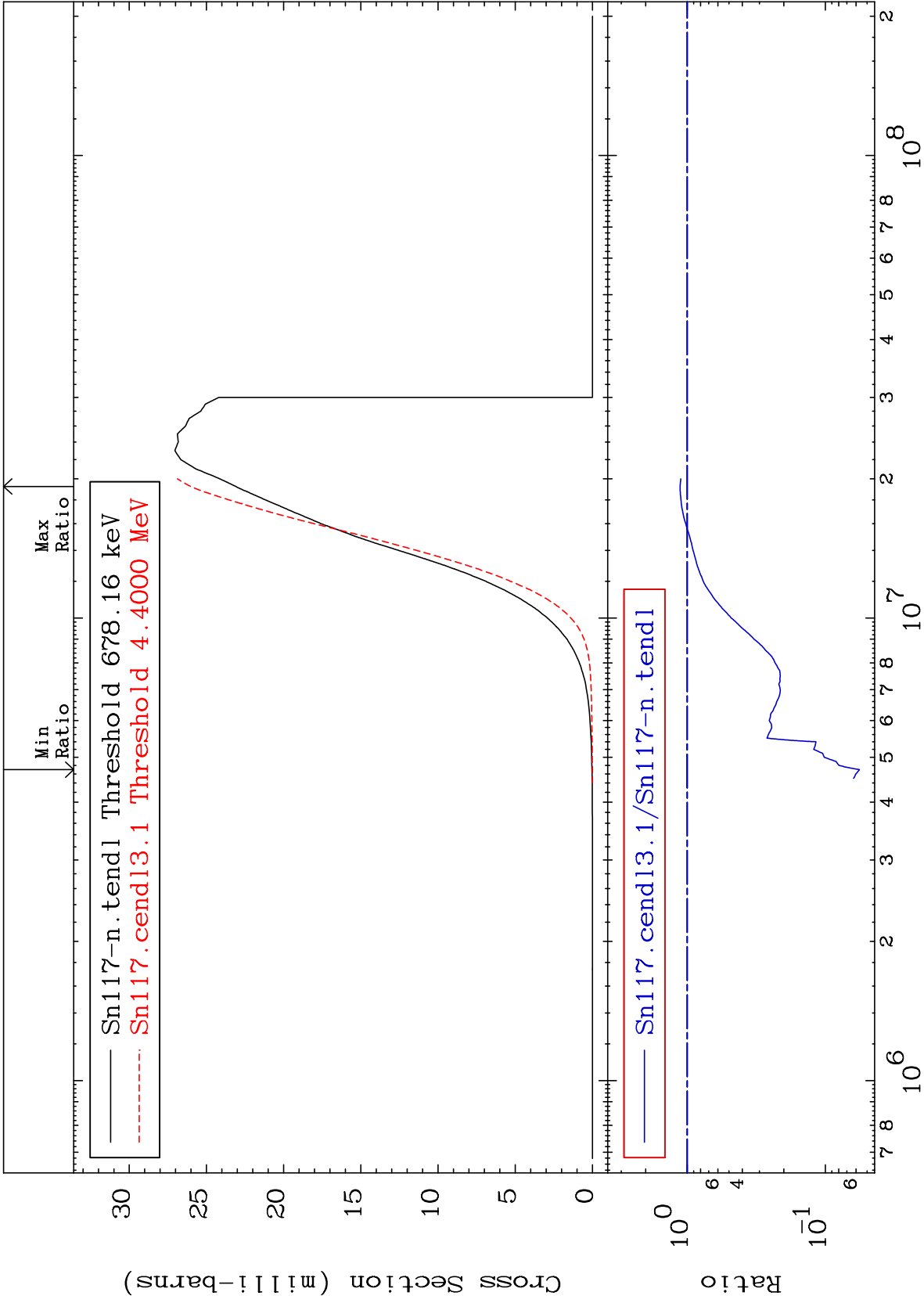


MAT 5040

50-Sn-117

-94.32 To 12.59 %

(n,p)  
Cross Section



30

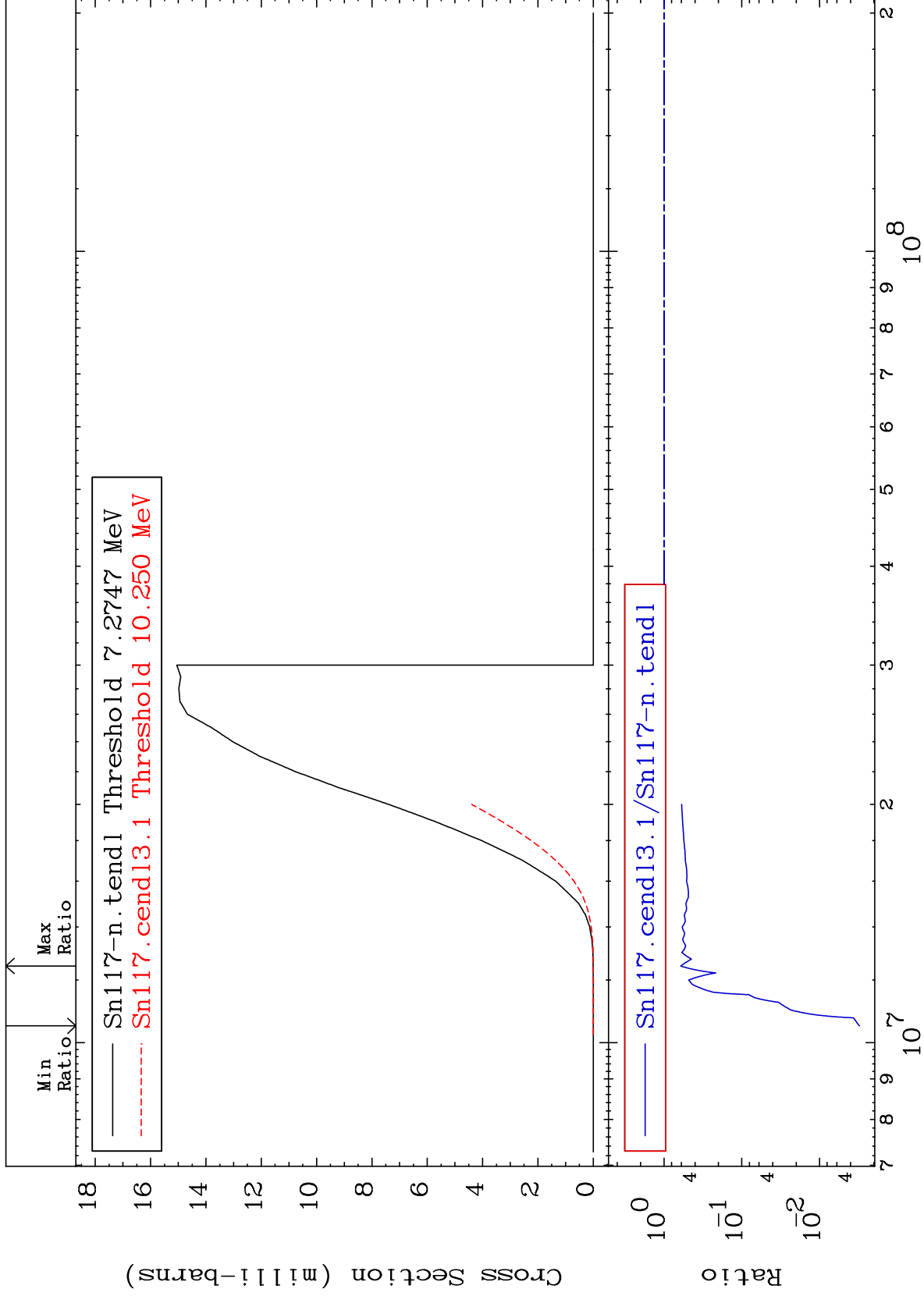
Incident Energy (eV)

50-Sn-117

MAT 5040

(n, d)  
Cross Section

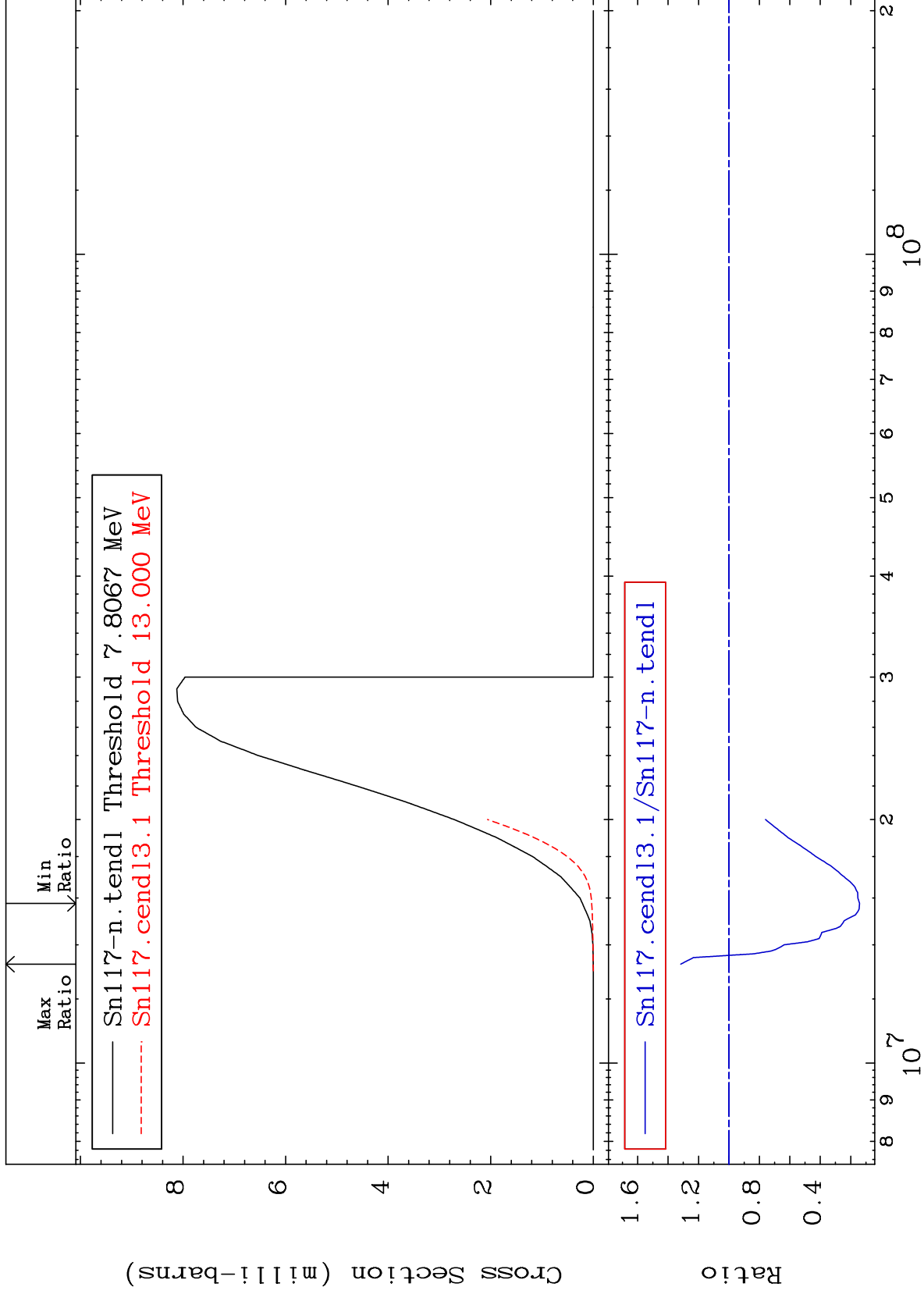
50-Sn-117  
-99.69 To -39.07%



MAT 5040

(n, t)  
Cross Section

50-Sn-117  
-85.80 To 31.67 %



32

Incident Energy (eV)

50-Sn-117



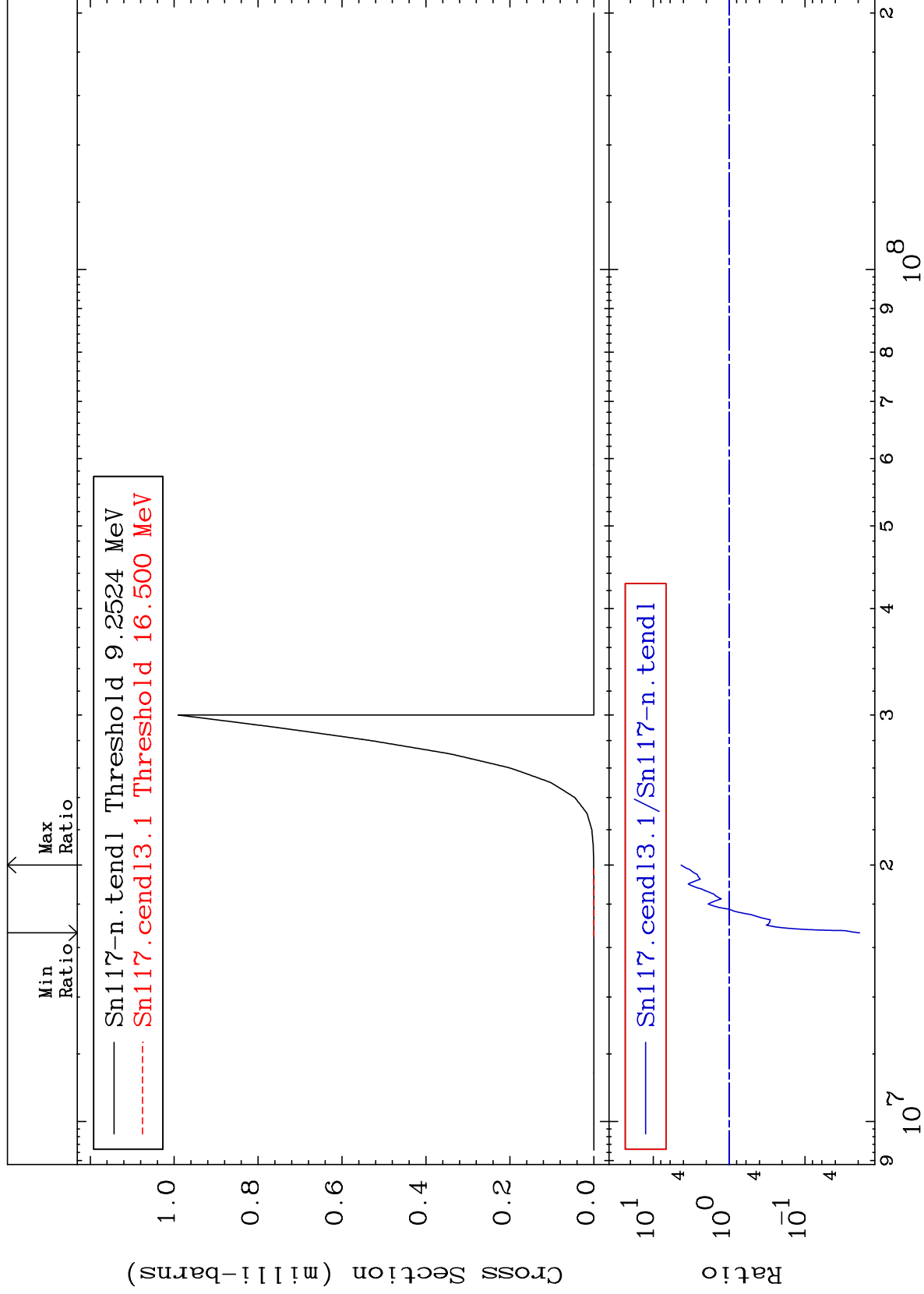
MAT 5040

(n, He-3)

50-Sn-117

Cross Section

-98.09 To 329.4 %



33

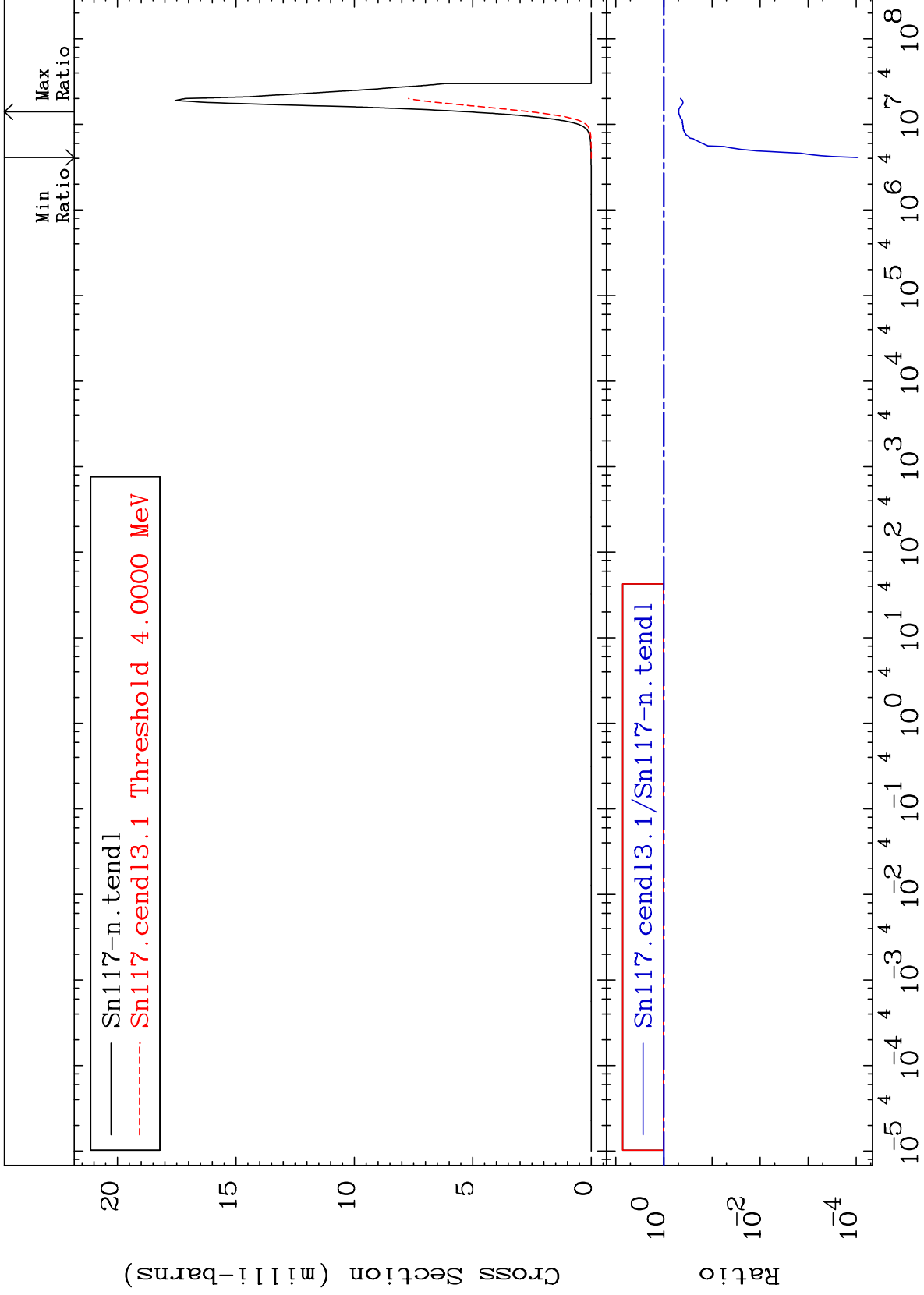
50-Sn-117

50-Sn-117

MAT 5040

(n,  $\alpha$ )  
Cross Section

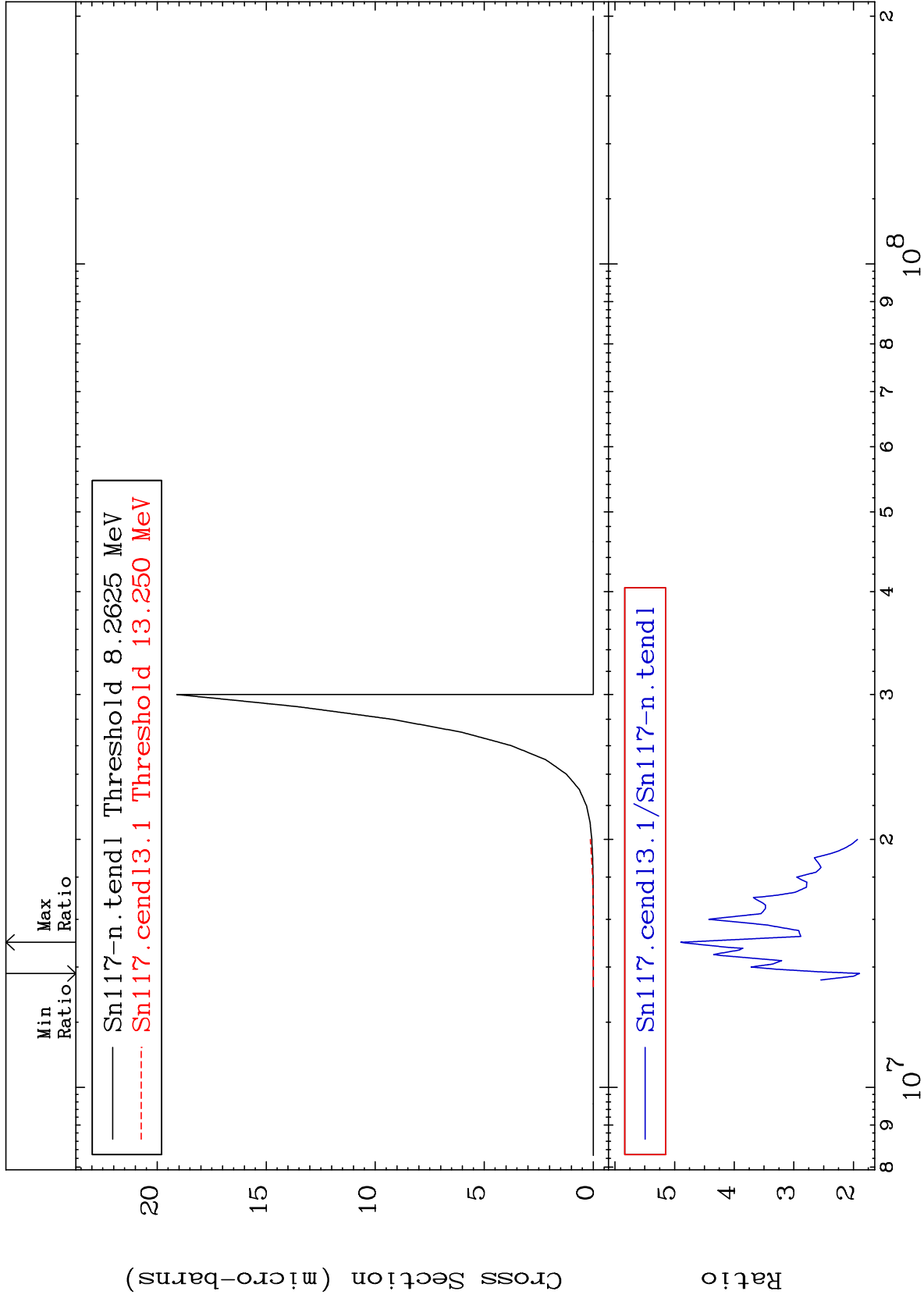
50-Sn-117  
-99.99 To -50.63%



MAT 5040

(n,2p)  
Cross Section

50-Sn-117  
89.78 To 389.6 %



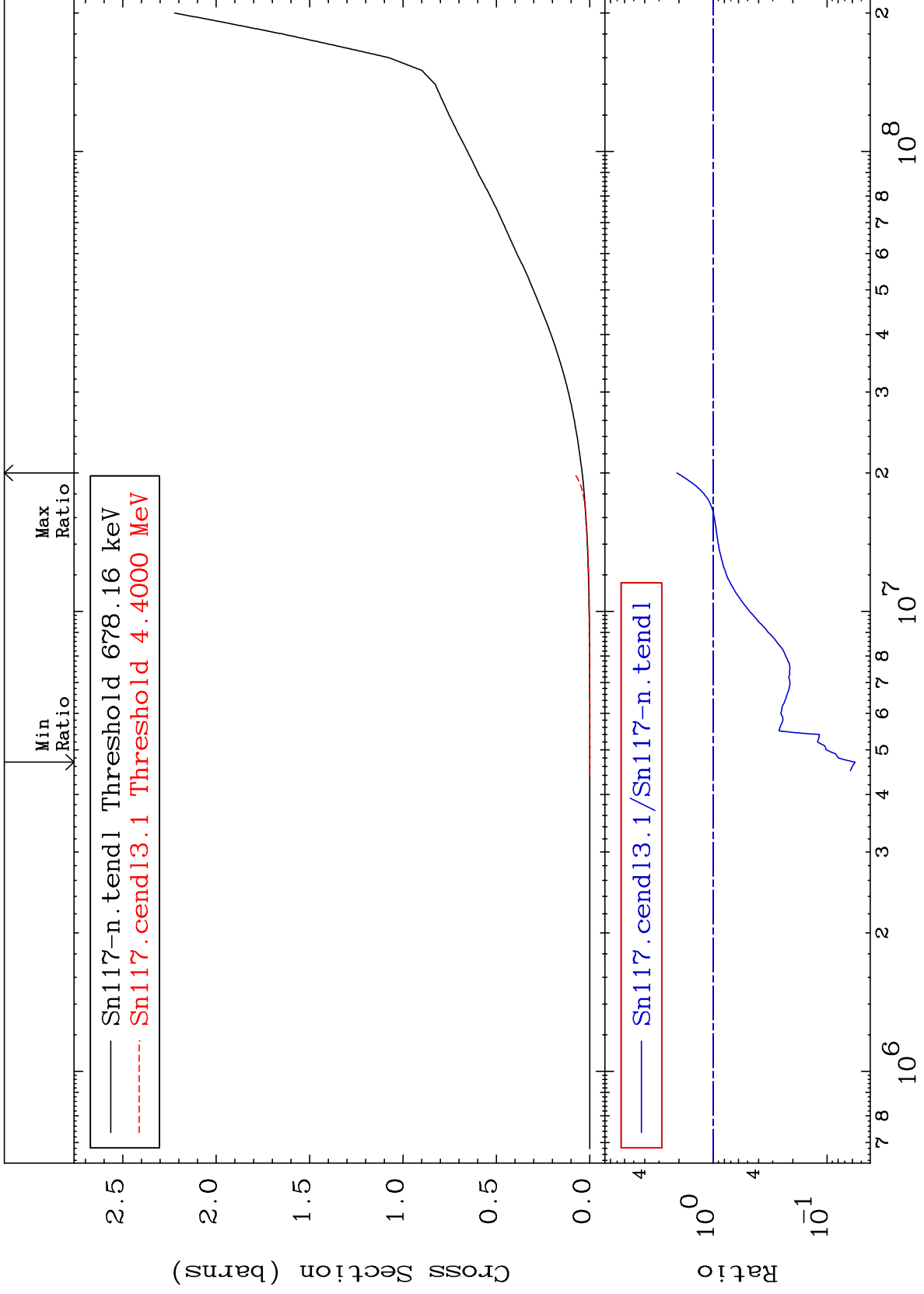
35

50-Sn-117

MAT 5040

Hydrogen Production  
Cross Section

50-Sn-117  
-94.32 To 108.5 %



36

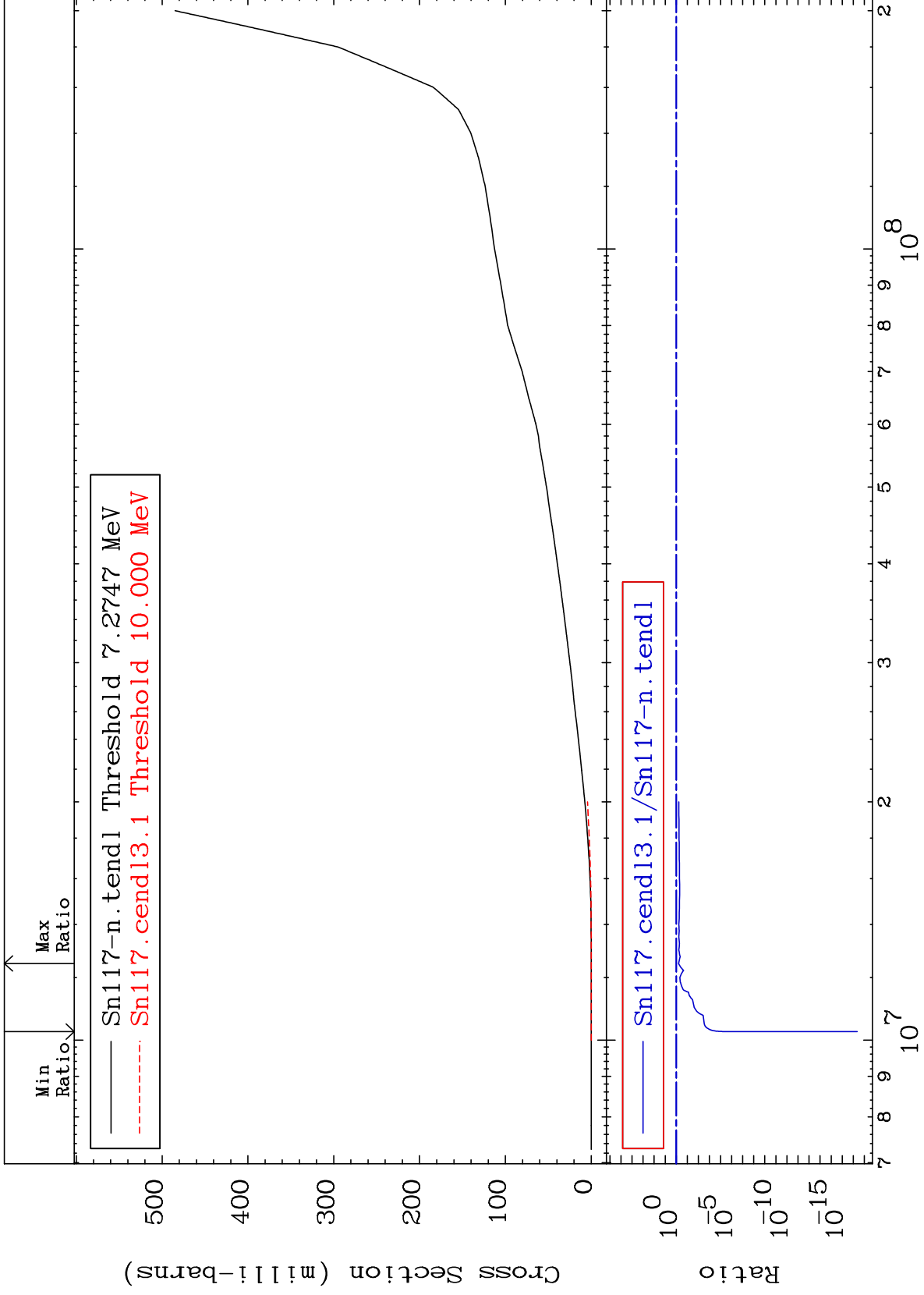
Incident Energy (eV)

50-Sn-117

MAT 5040

Deuterium Production  
Cross Section

50-Sn-117  
-100.0 To -39.07%



37

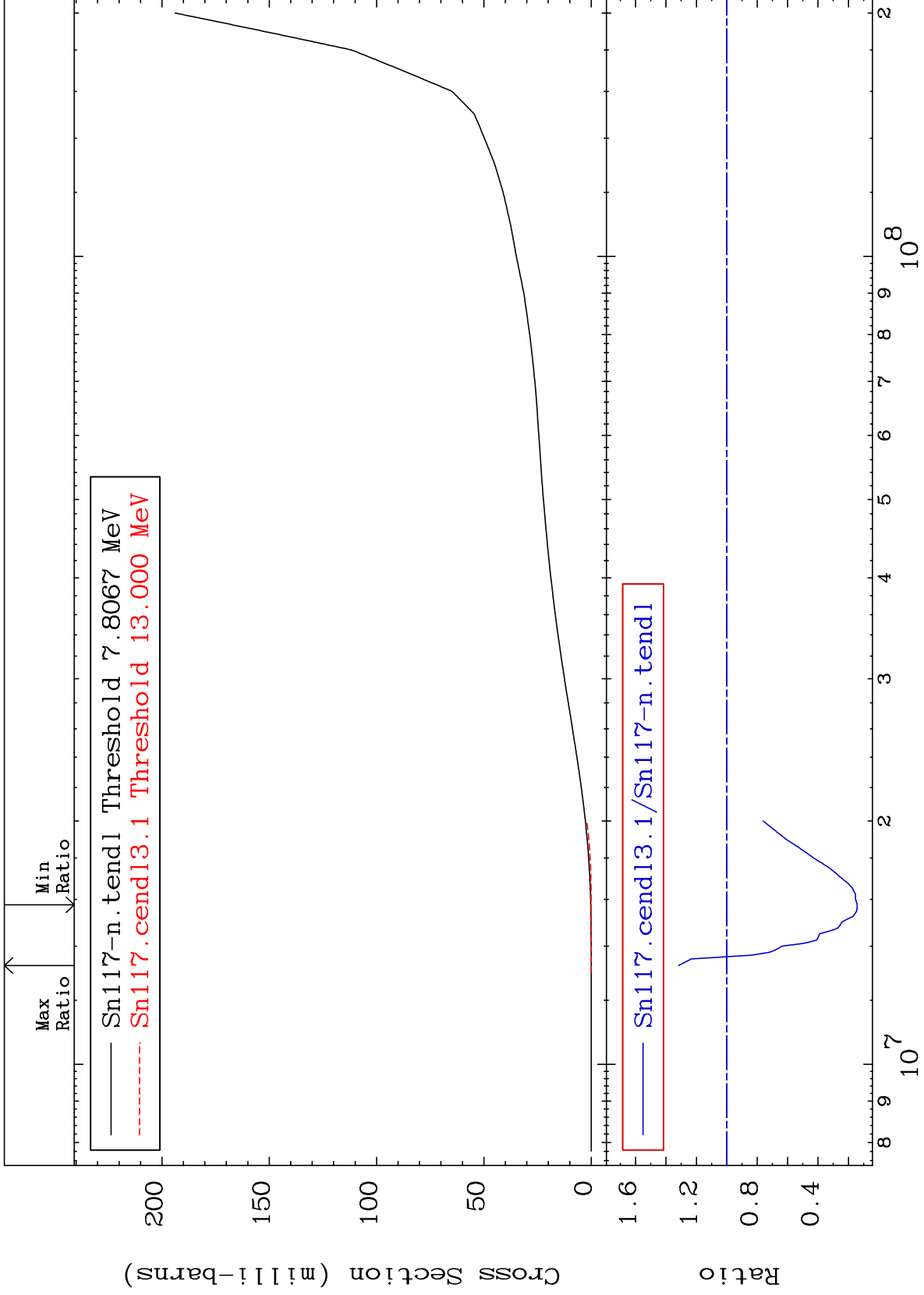
Incident Energy (eV)

50-Sn-117

MAT 5040

Tritium Production  
Cross Section

50-Sn-117  
-85.80 To 31.67 %



38

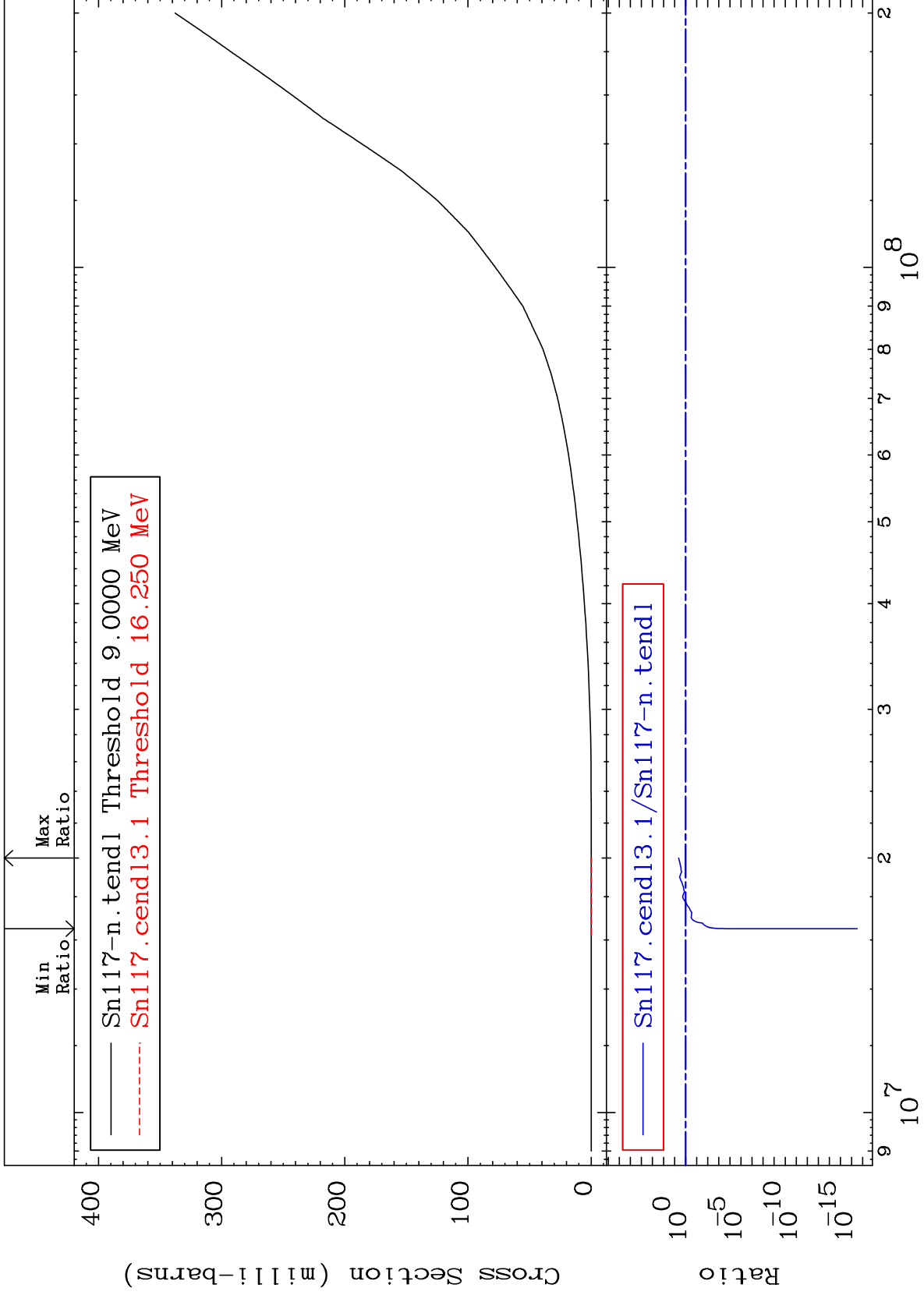
Incident Energy (eV)

50-Sn-117

MAT 5040

He-3 Production  
Cross Section

50-Sn-117  
-100.0 To 329.4 %



39

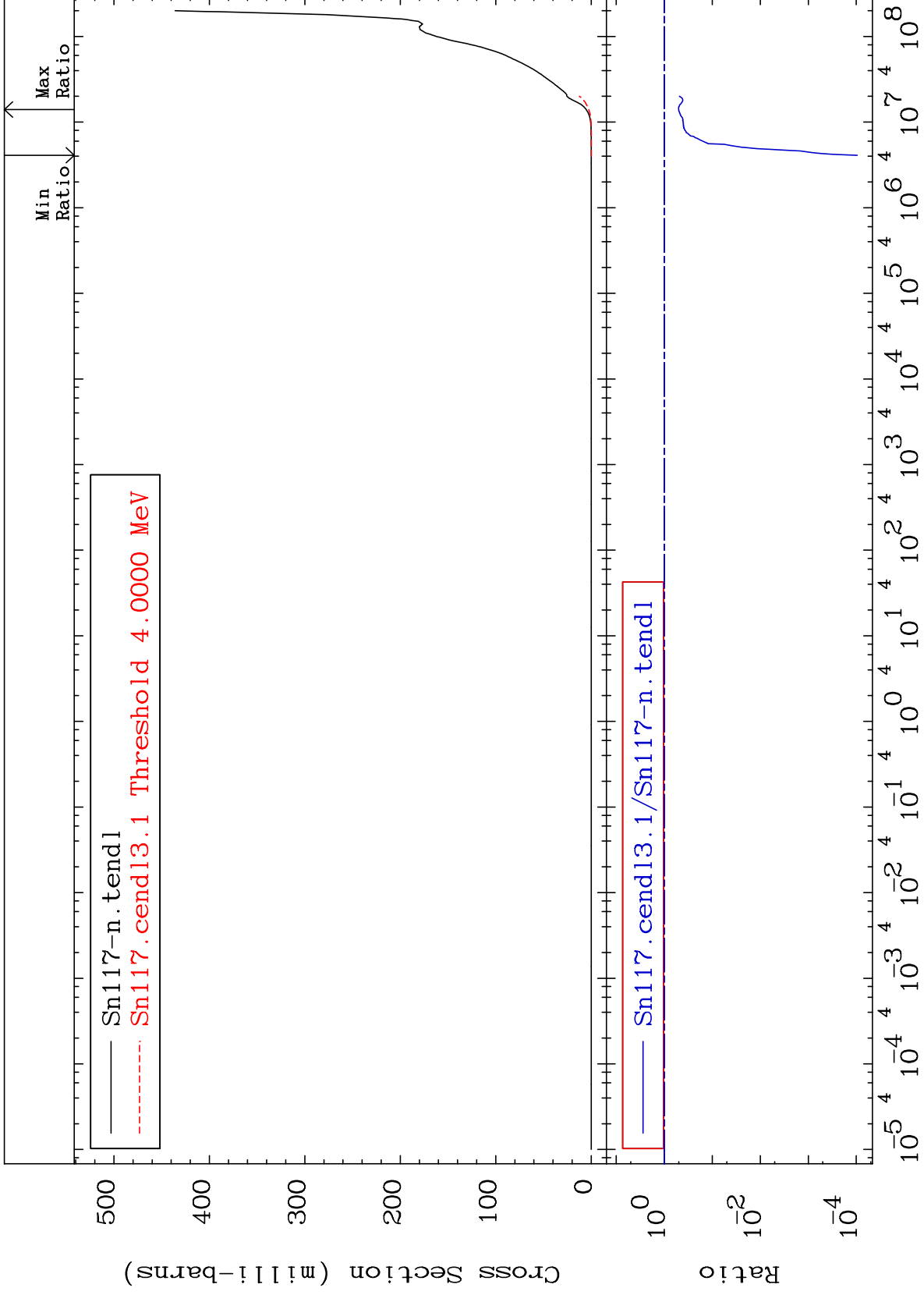
Incident Energy (eV)

50-Sn-117

MAT 5040

He-4 Production  
Cross Section

50-Sn-117  
-99.99 To -49.77%



Incident Energy (eV)

50-Sn-117



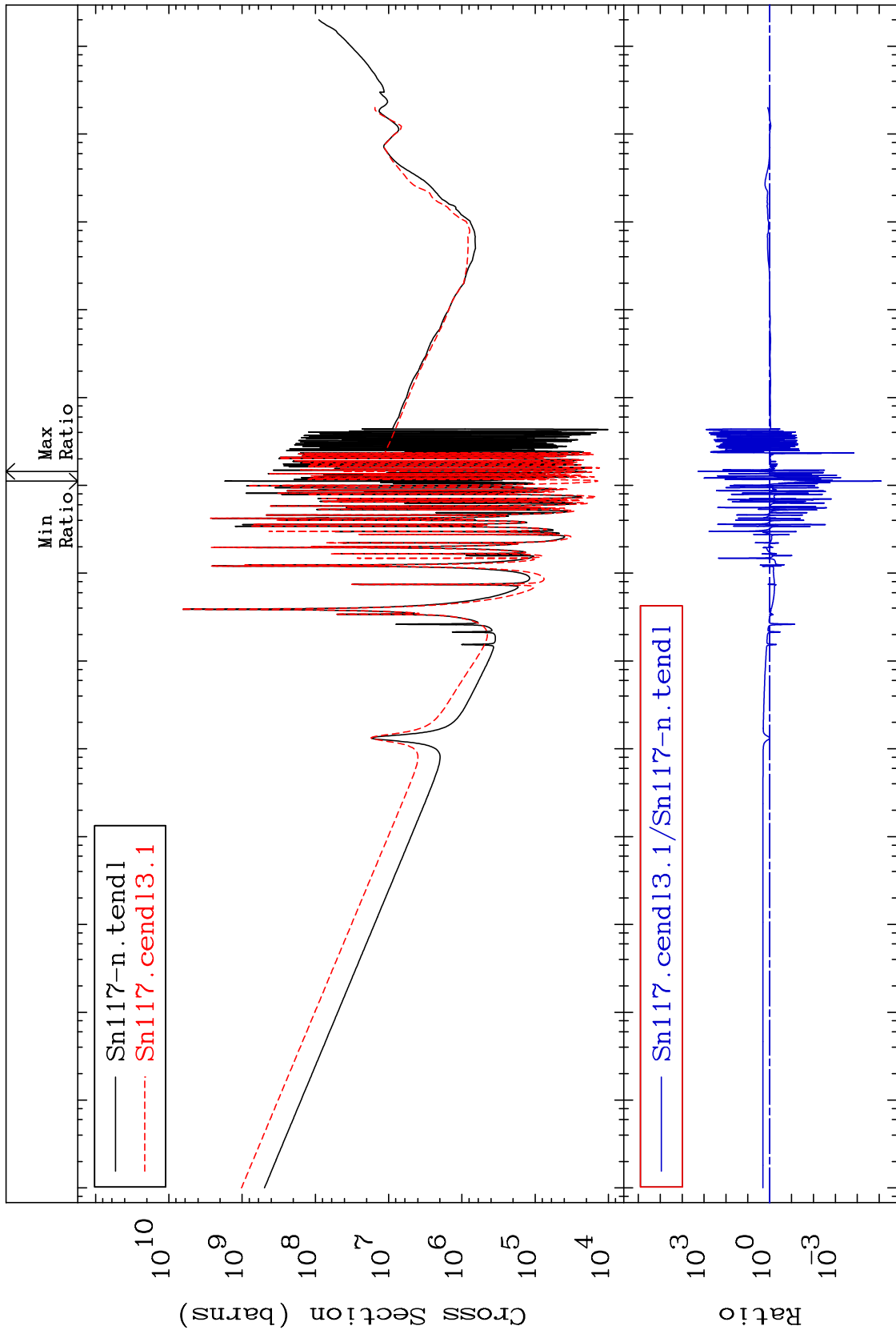
MAT 5040

Kerma total (eV-barns)

50-Sn-117

Cross Section

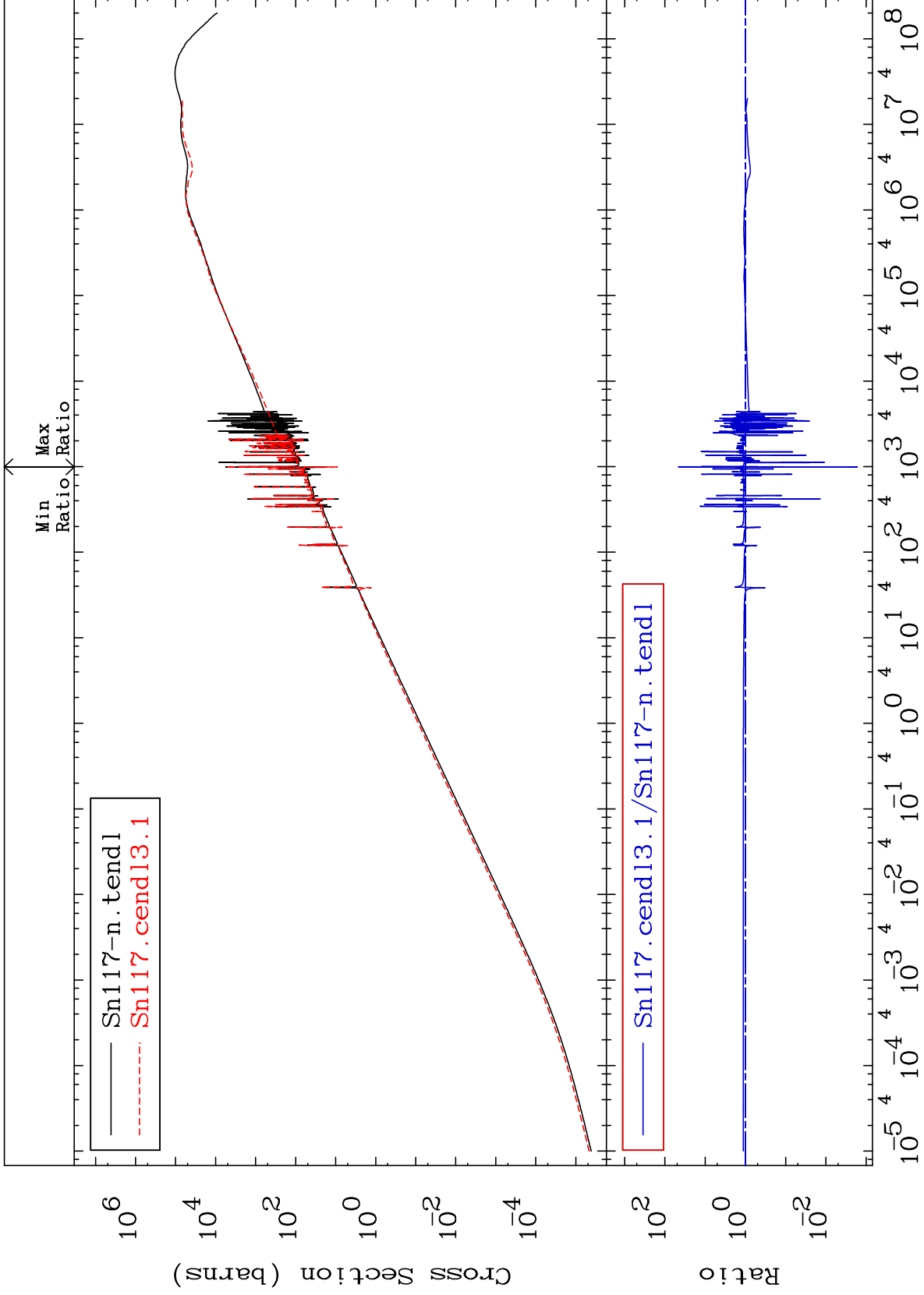
-100.0 To 9999. %

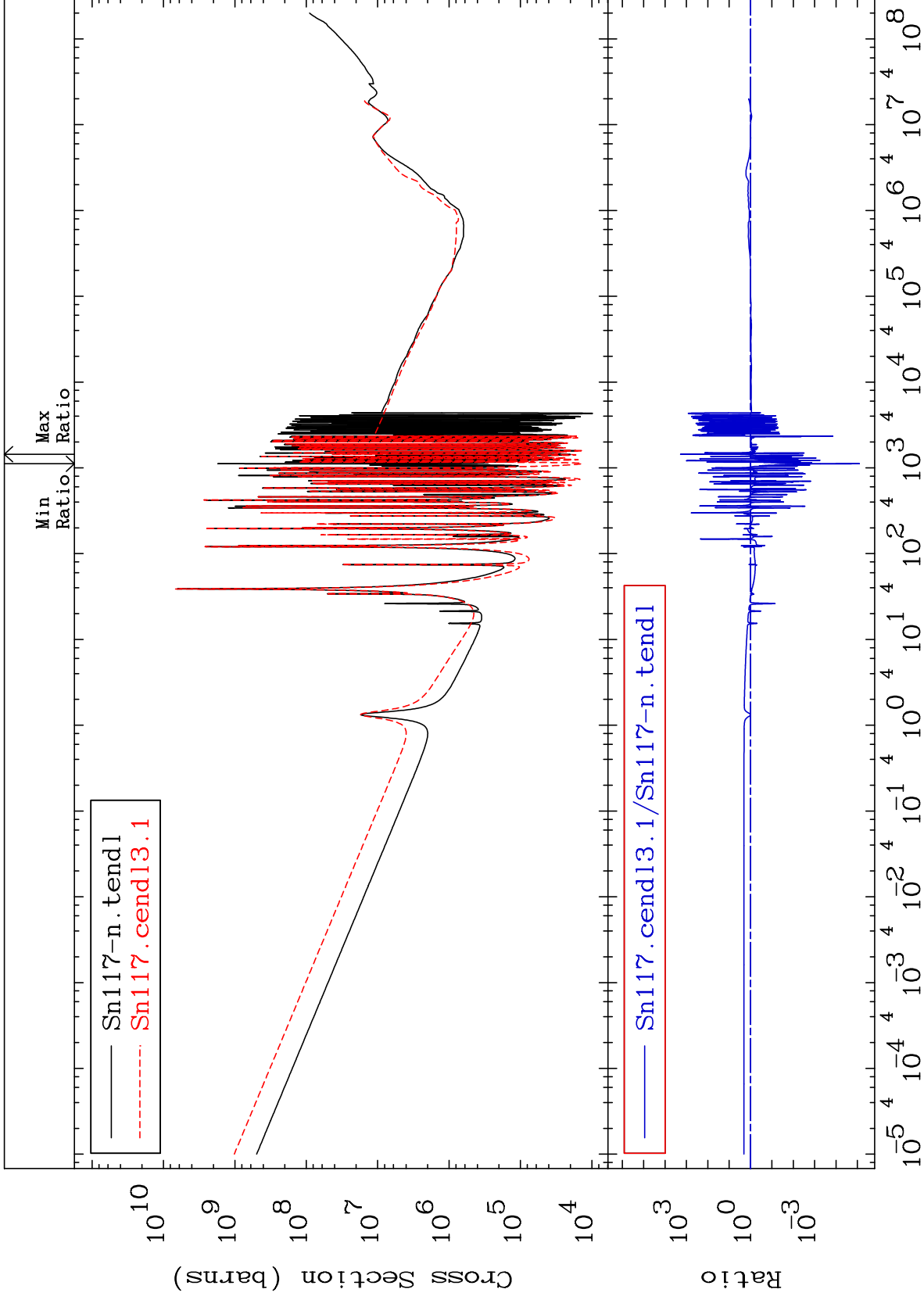


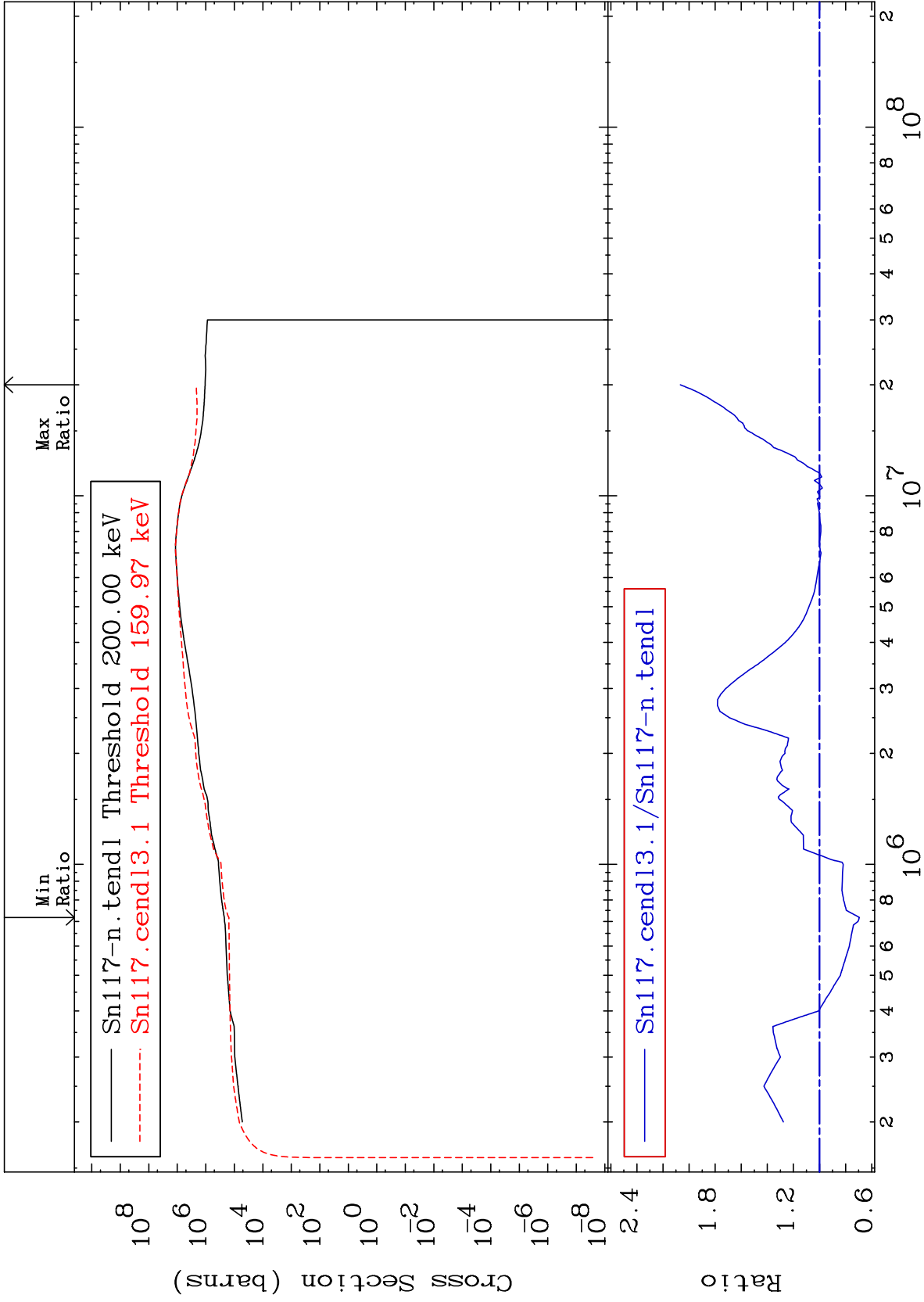
MAT 5040

Kerma elastic  
Cross Section

50-Sn-117  
-99.83 To 4472. %



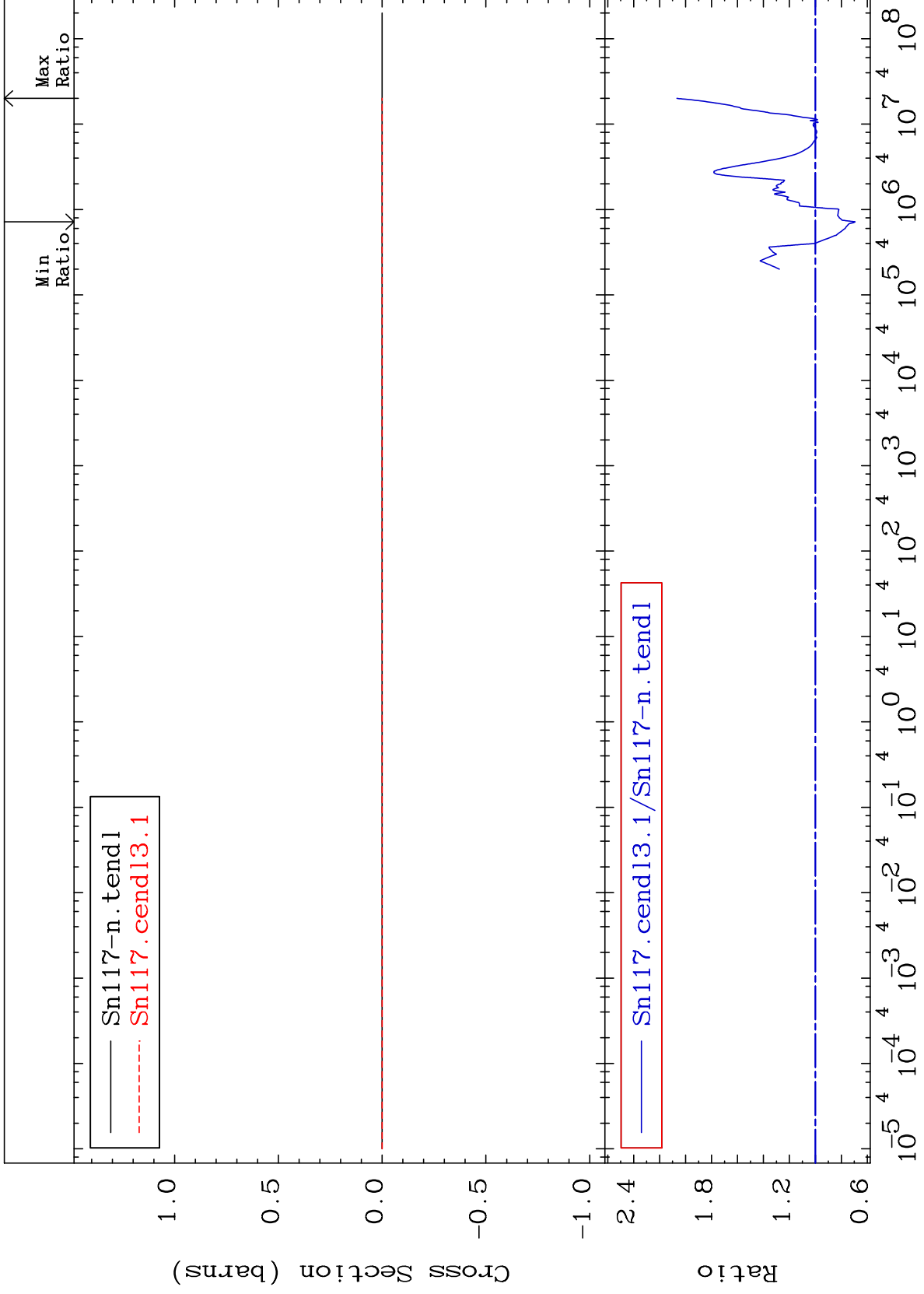




MAT 5040

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

50-Sn-117  
-30.61 To 106.7 %



45

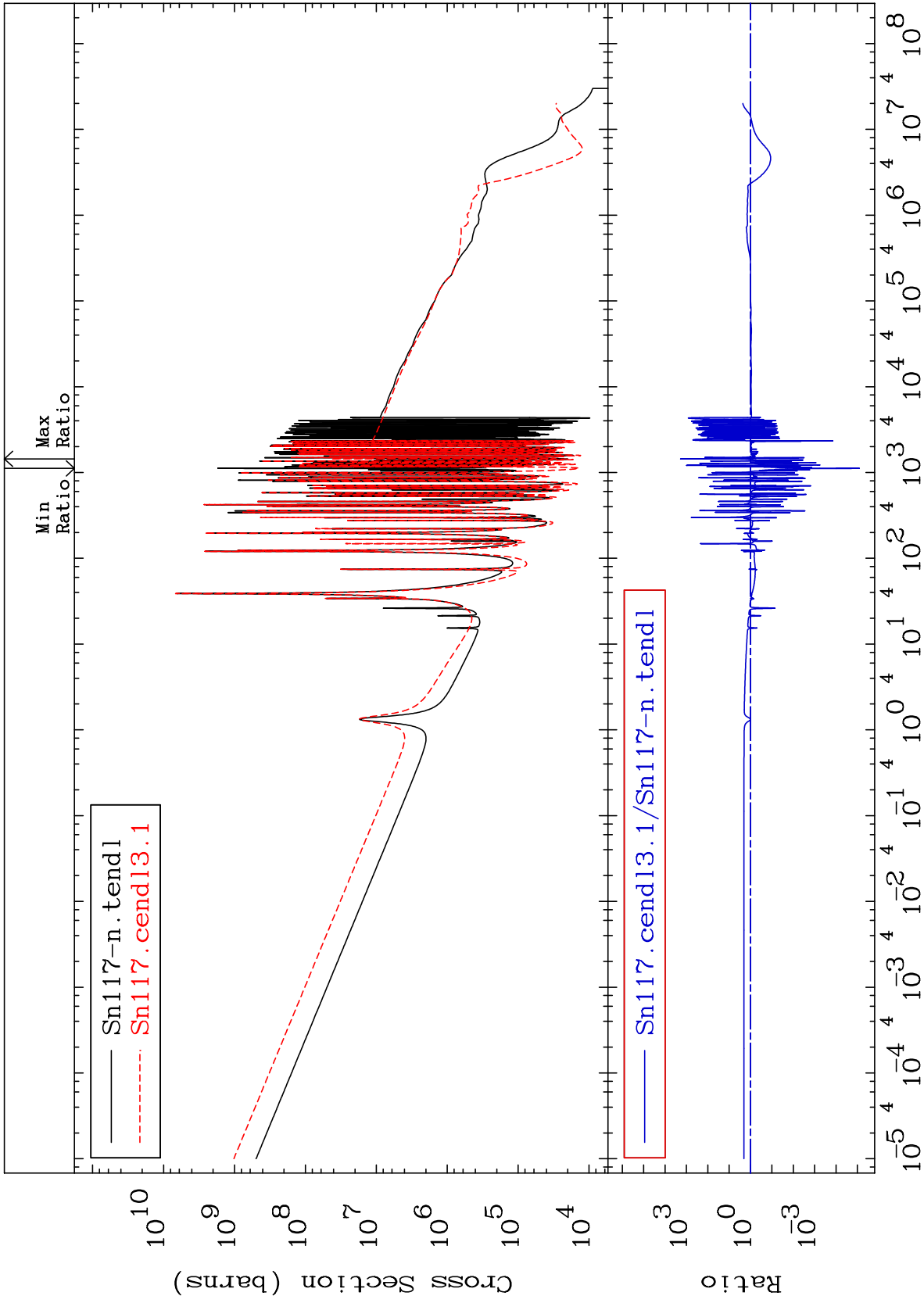
Incident Energy (eV)

50-Sn-117

MAT 5040

Kerma capture (mt102)  
Cross Section

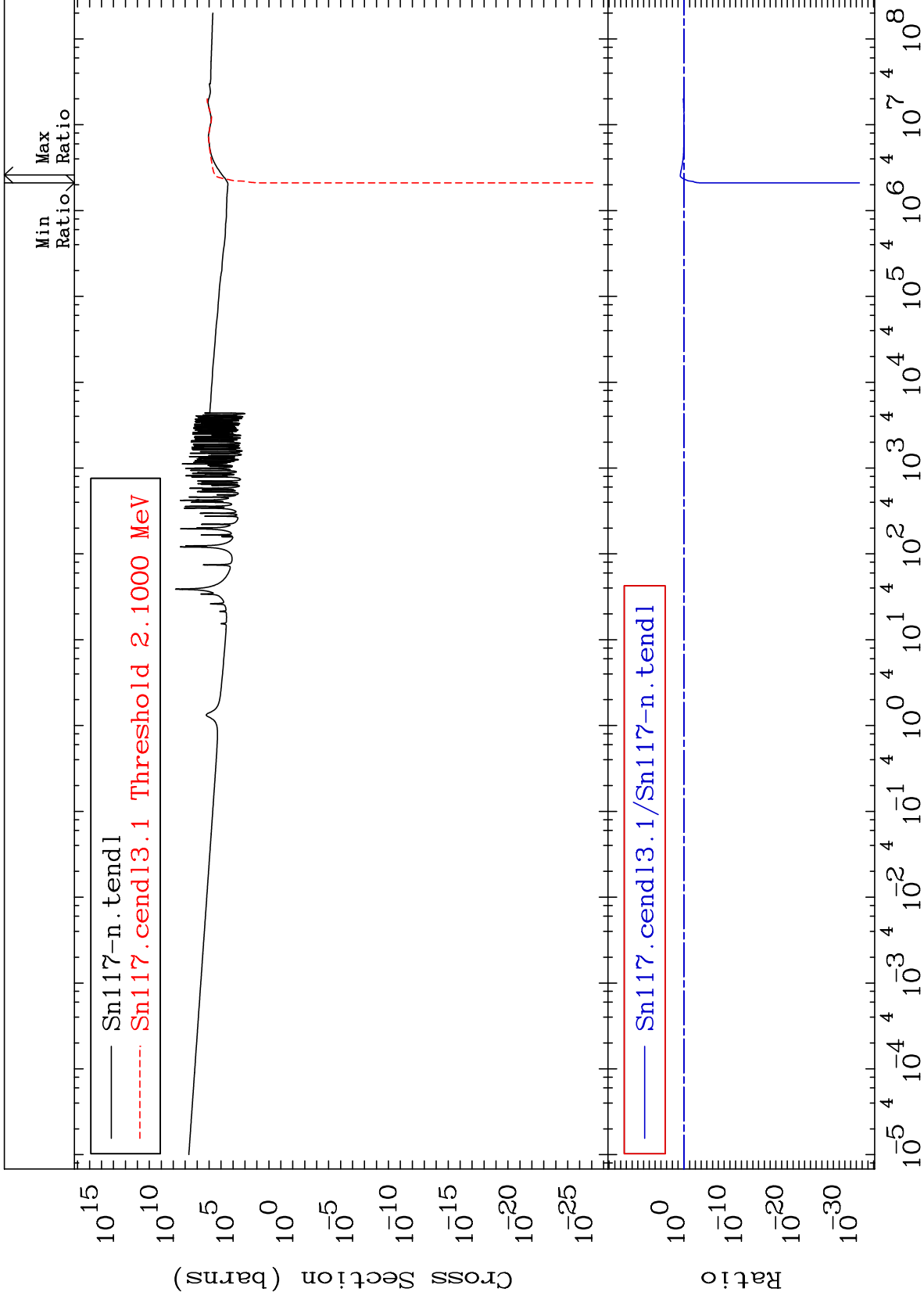
50-Sn-117  
-100.0 To 9999. %



MAT 5040

Total photon (eV-barns)  
Cross Section

50-Sn-117  
-100.0 To 304.4 %



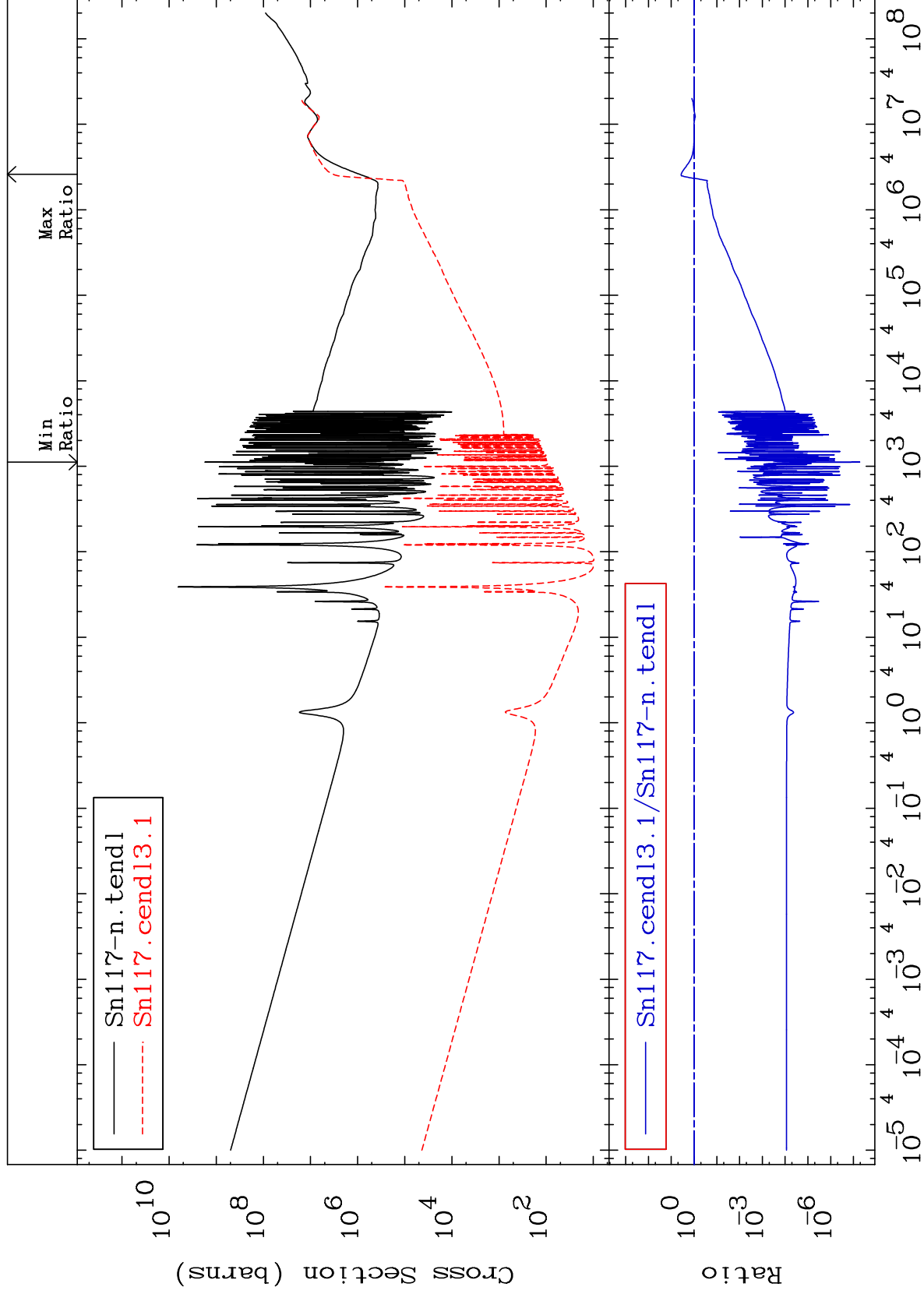
MAT 5040

Total kinematic kerma (high limit)

50-Sn-117

Cross Section

-100.0 To 266.6 %





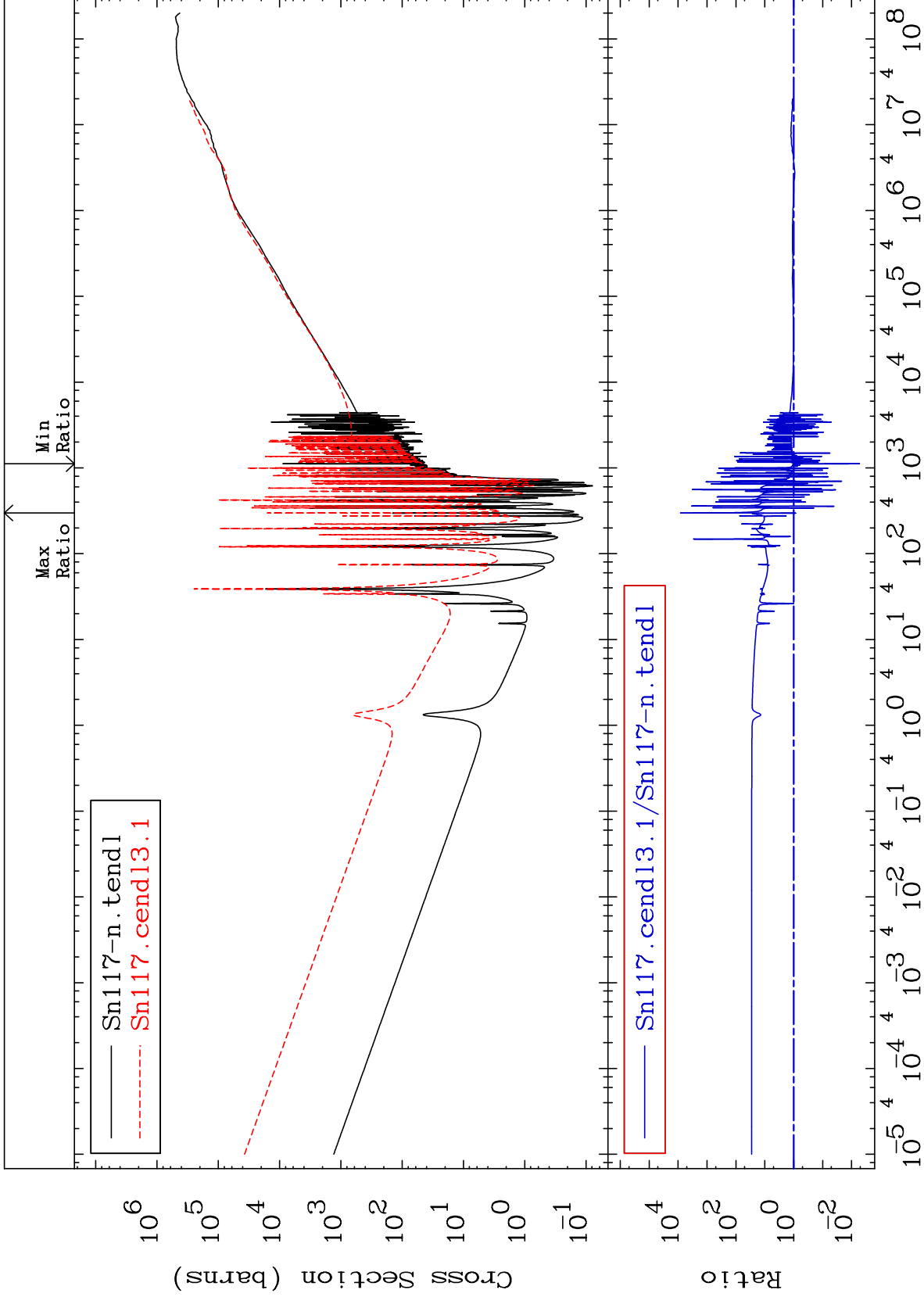
MAT 5040

Dpa total (eV-barns)

50-Sn-117

-99.47 To 9999. %

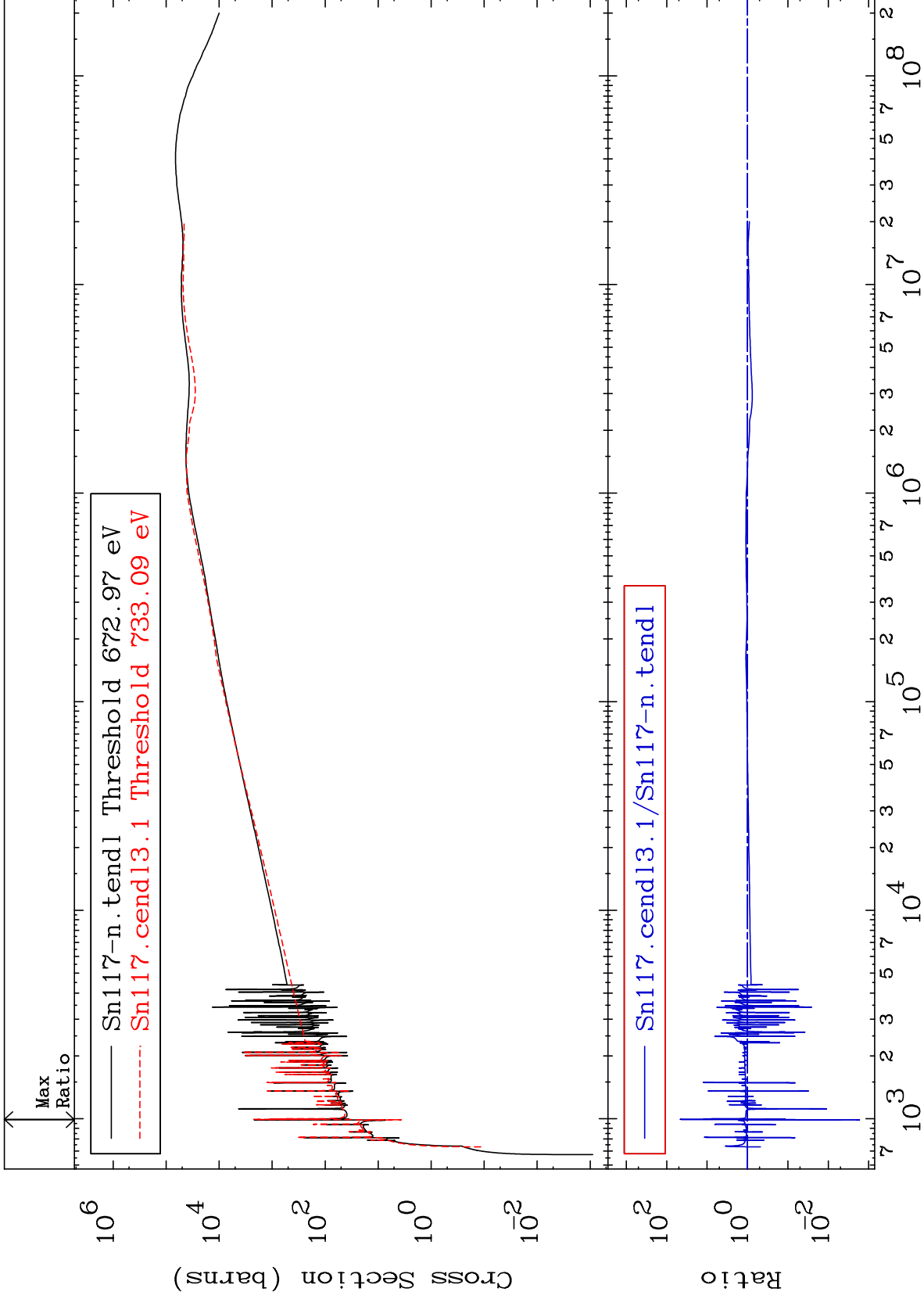
Cross Section



MAT 5040

Dpa elastic (mt2)  
Cross Section

50-Sn-117  
-99.83 To 4492. %



50

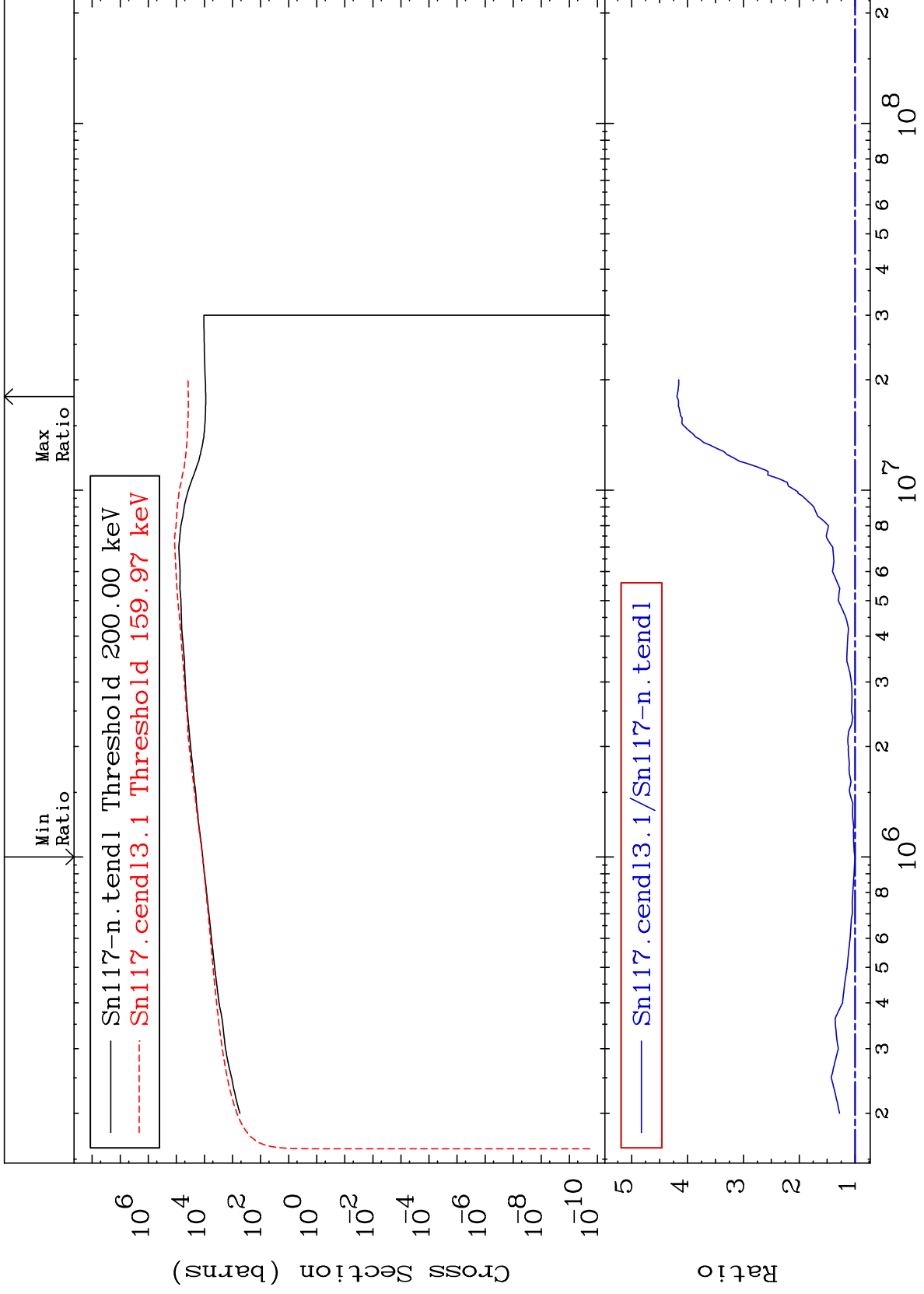
Incident Energy (eV)

50-Sn-117

MAT 5040

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-117  
-0.046 To 319.0 %



MAT 5040

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-117  
-99.99 To 9999. %

