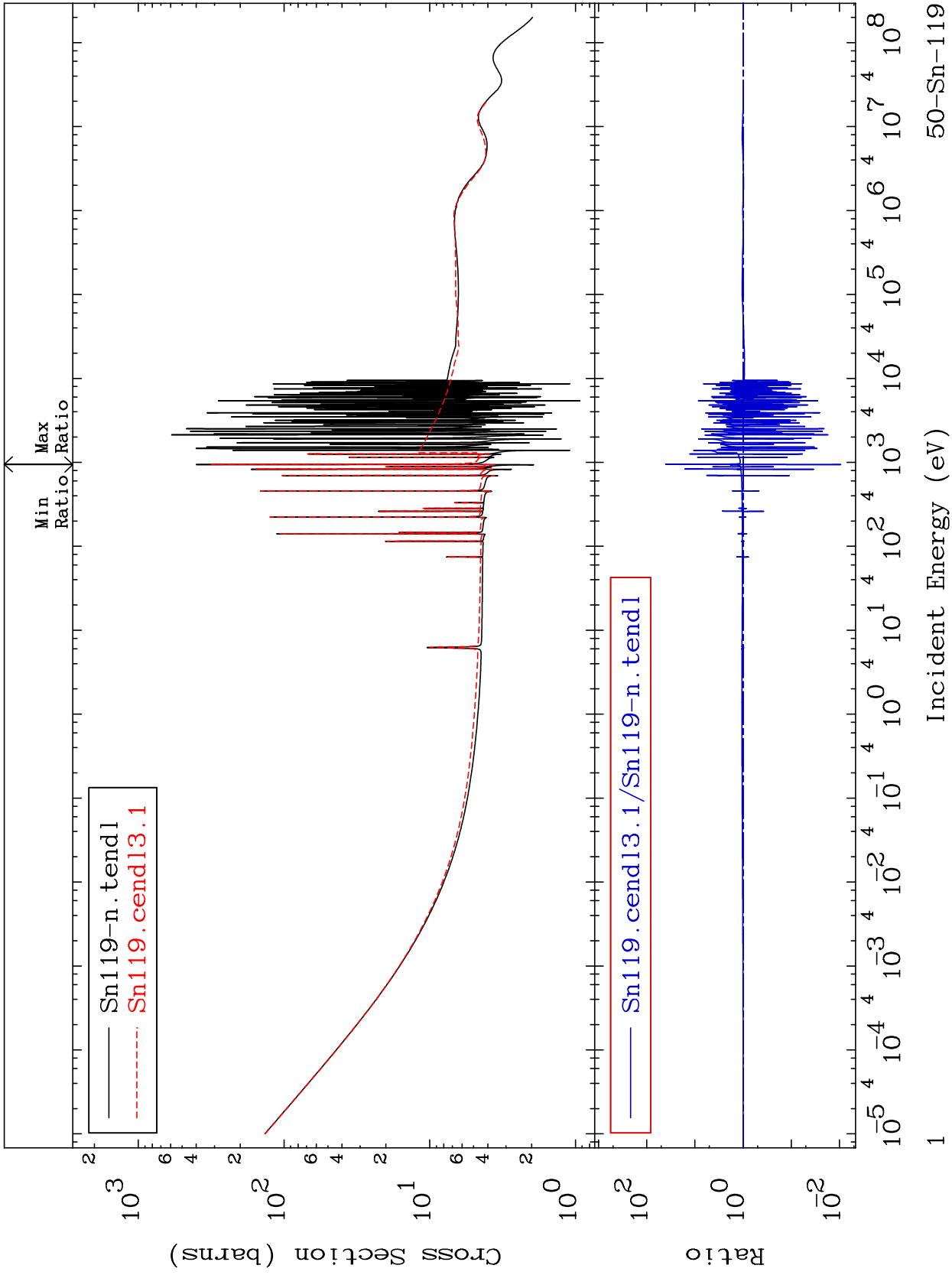


MAT 5046

Total  
Cross Section

50-Sn-119  
-99.06 To 3980. %

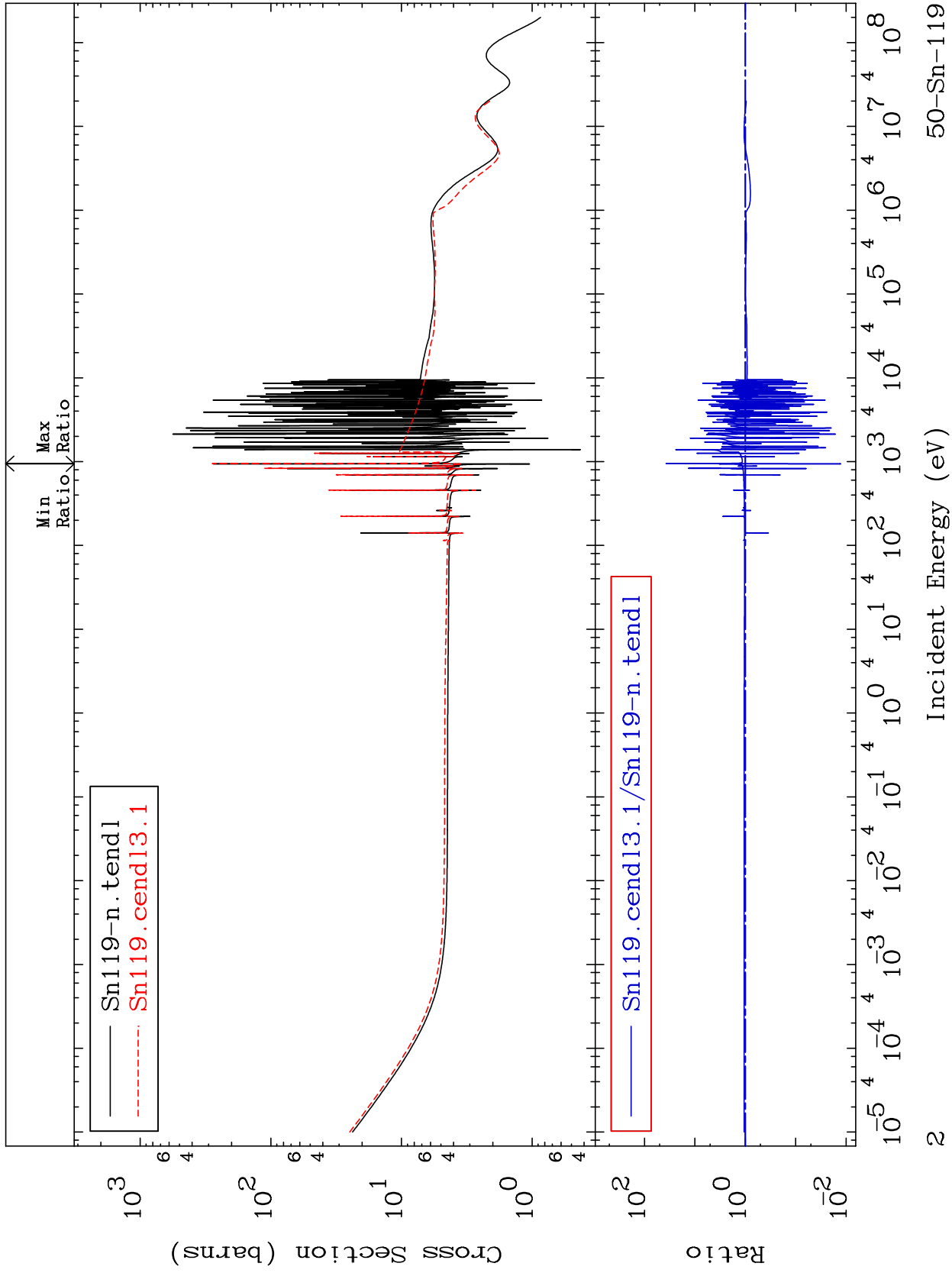


50-Sn-119

MAT 5046

Elastic  
Cross Section

50-Sn-119  
-98.73 To 3655. %



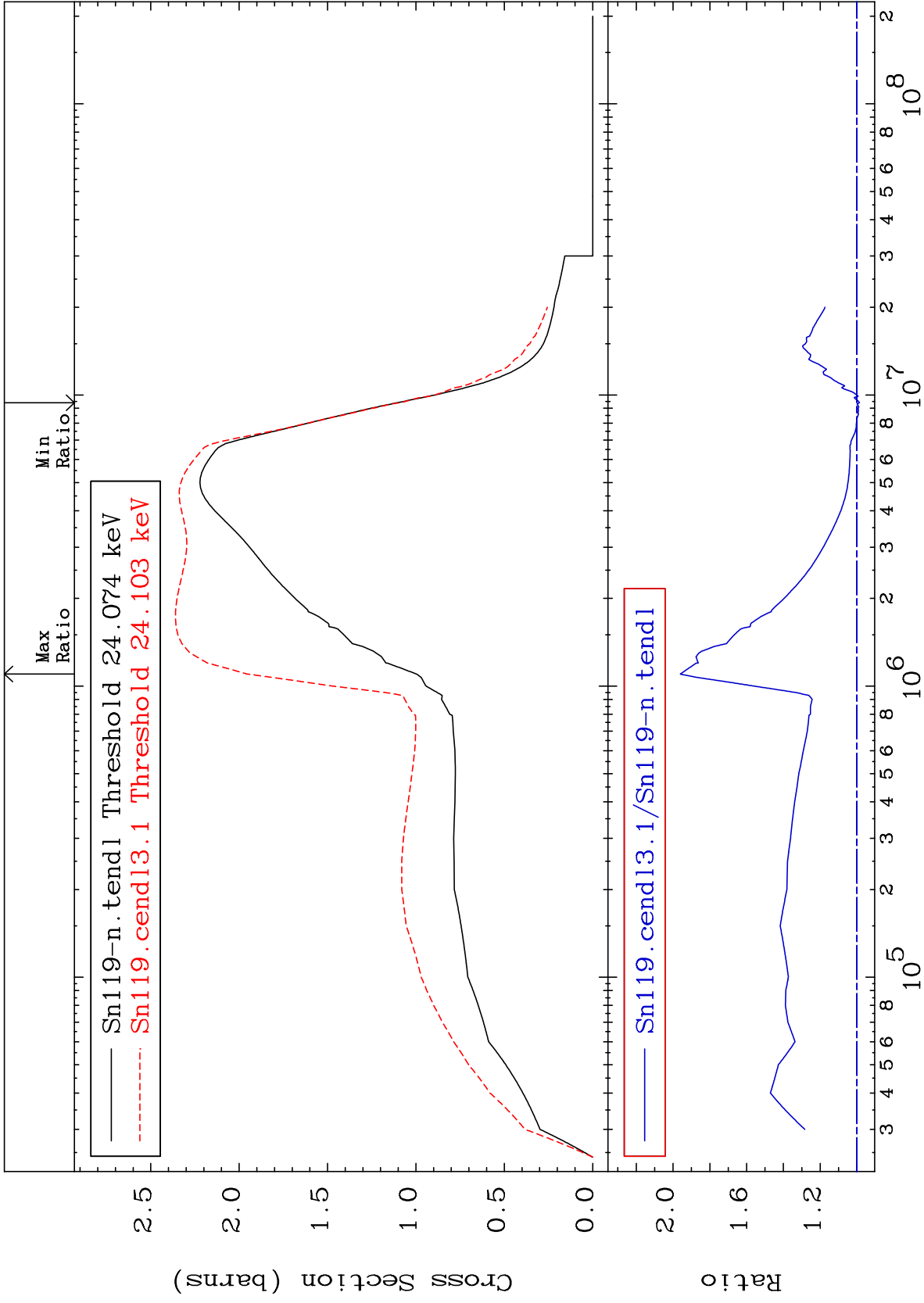
50-Sn-119

MAT 5046

50-Sn-119

-1.324 To 96.02 %

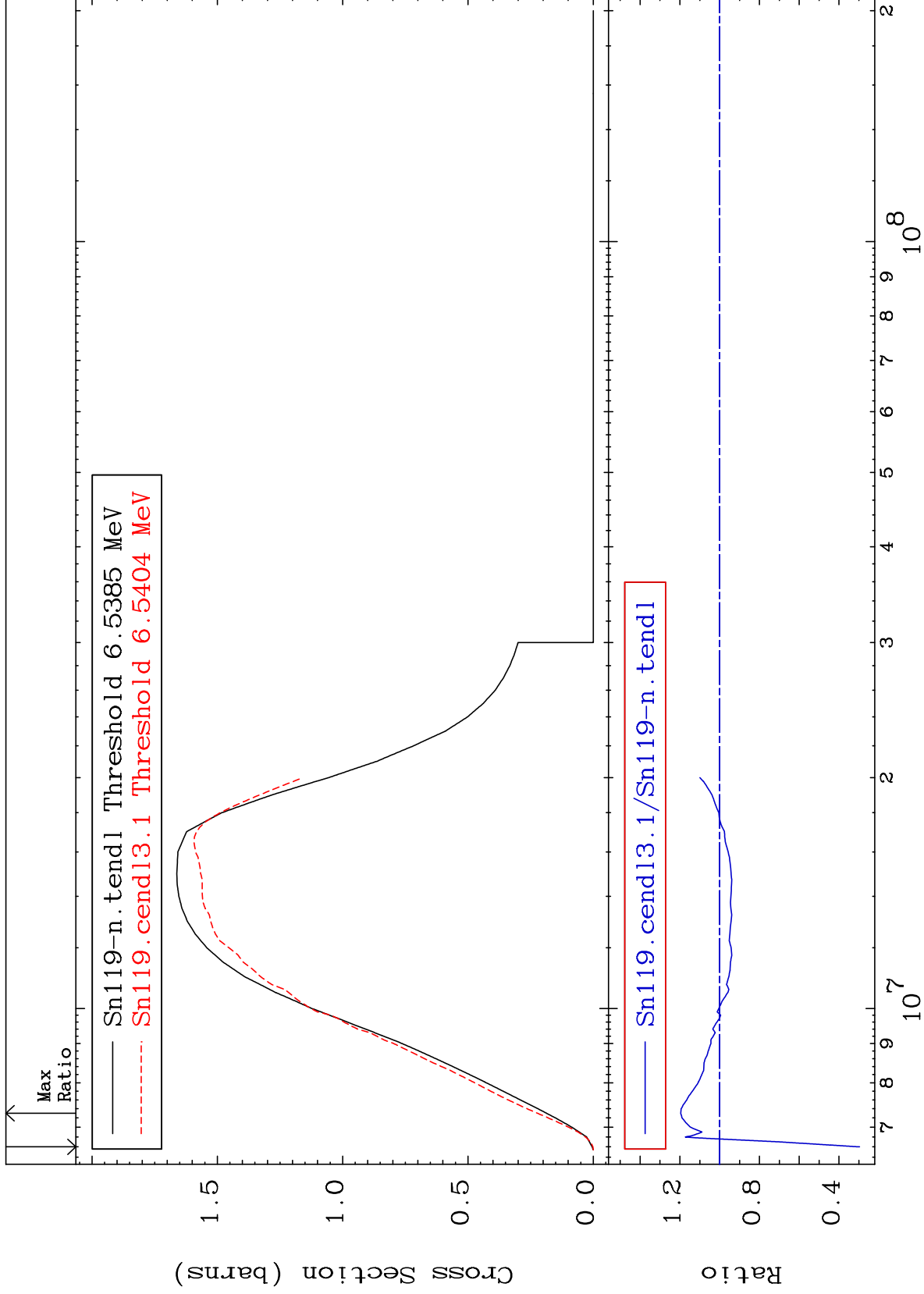
Inelastic  
Cross Section



MAT 5046

(n,2n)  
Cross Section

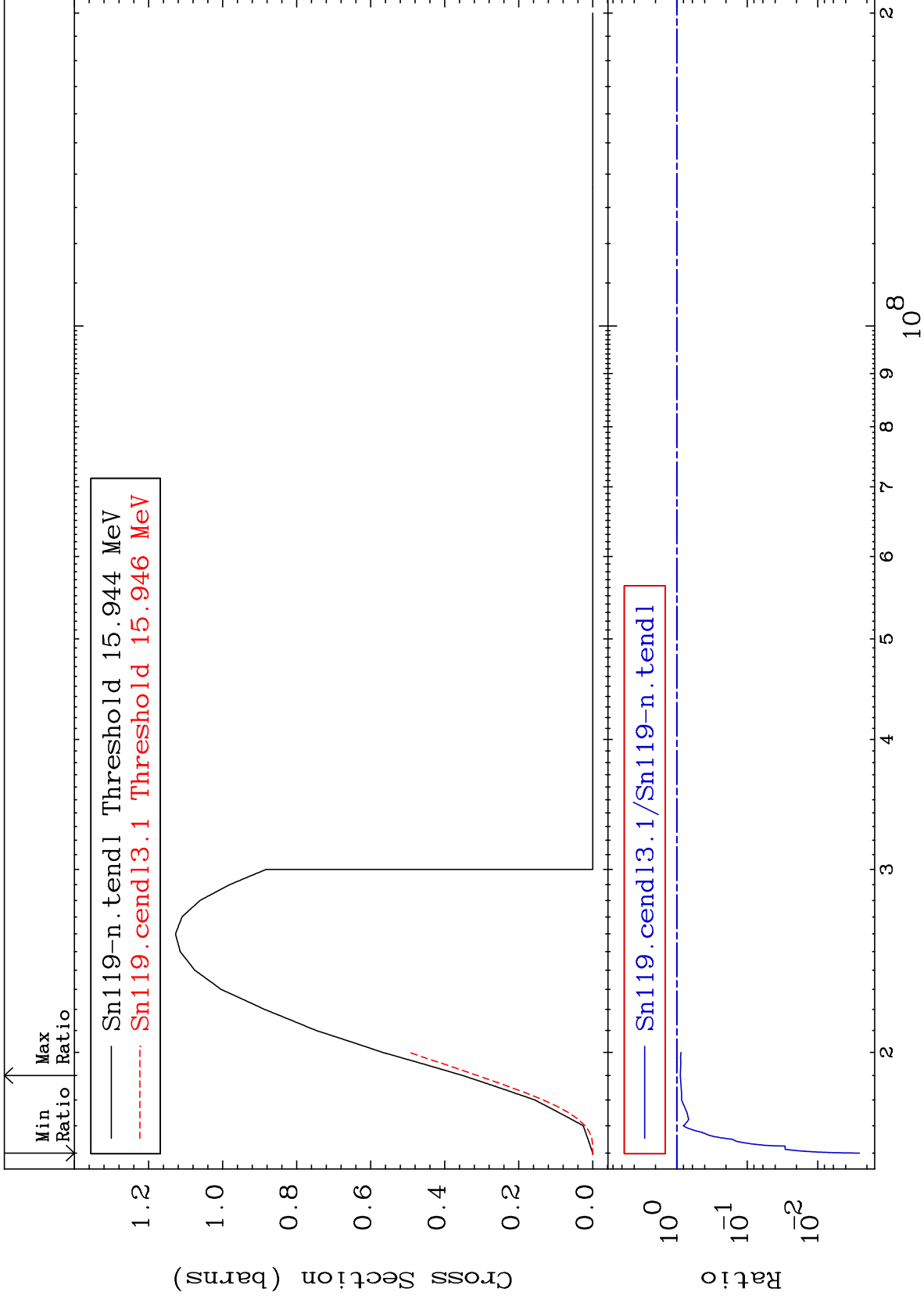
50-Sn-119  
-70.32 To 19.56 %



4

Incident Energy (eV)

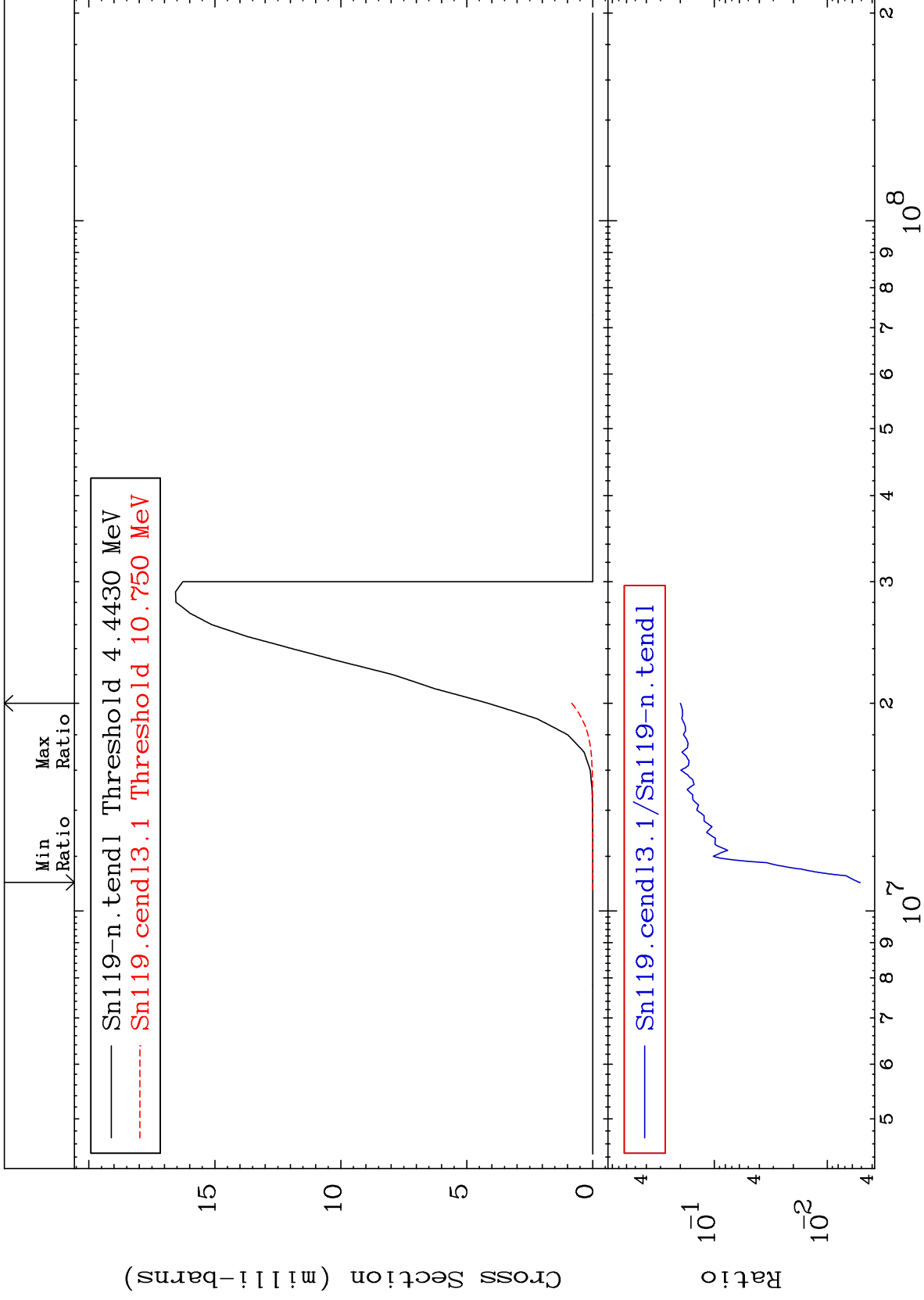
50-Sn-119



MAT 5046

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

50-Sn-119  
-99.48 To -80.02%



6

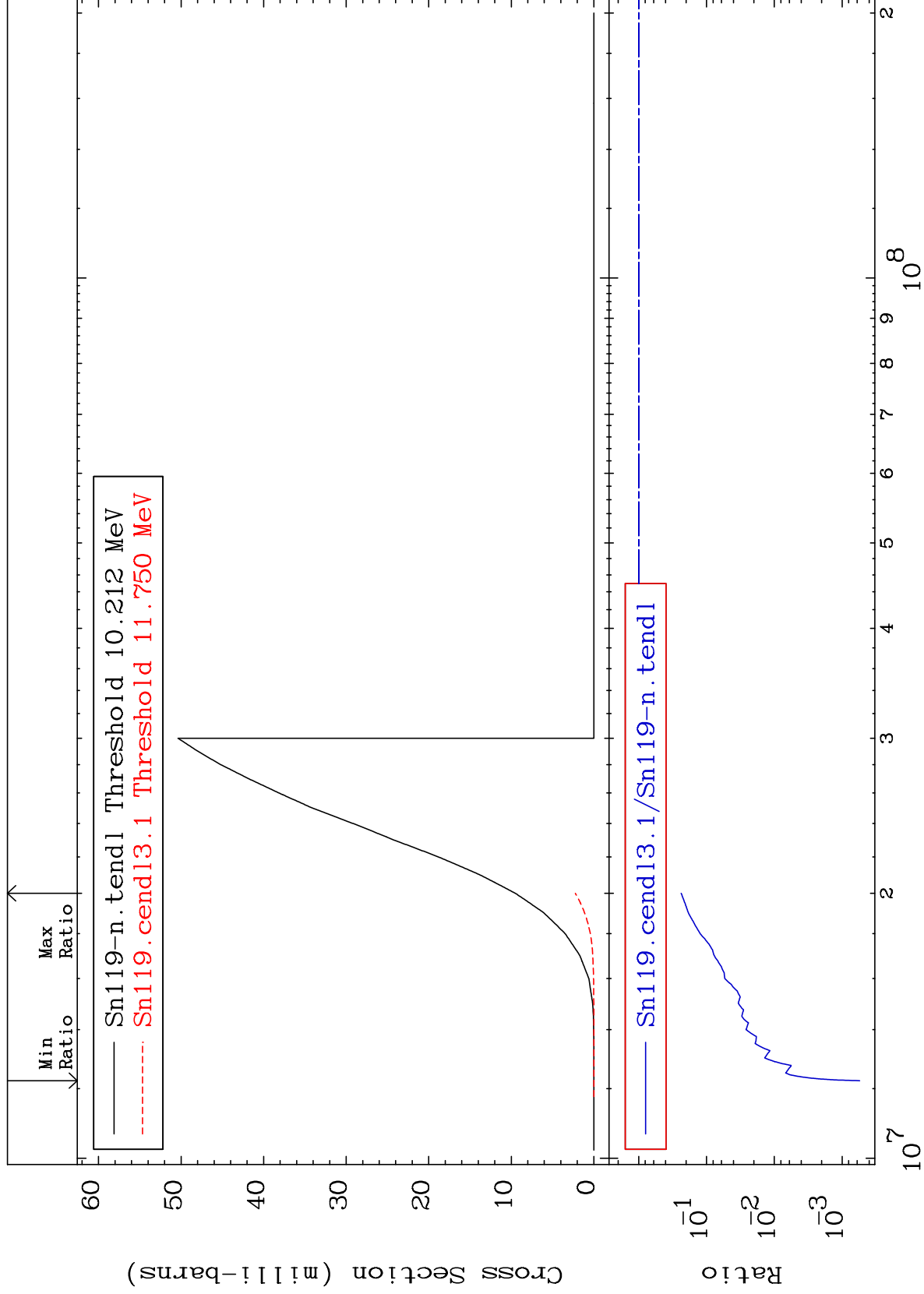
50-Sn-119

50-Sn-119

MAT 5046

(n,n') p  
Cross Section

50-Sn-119  
-99.94 To -76.40%



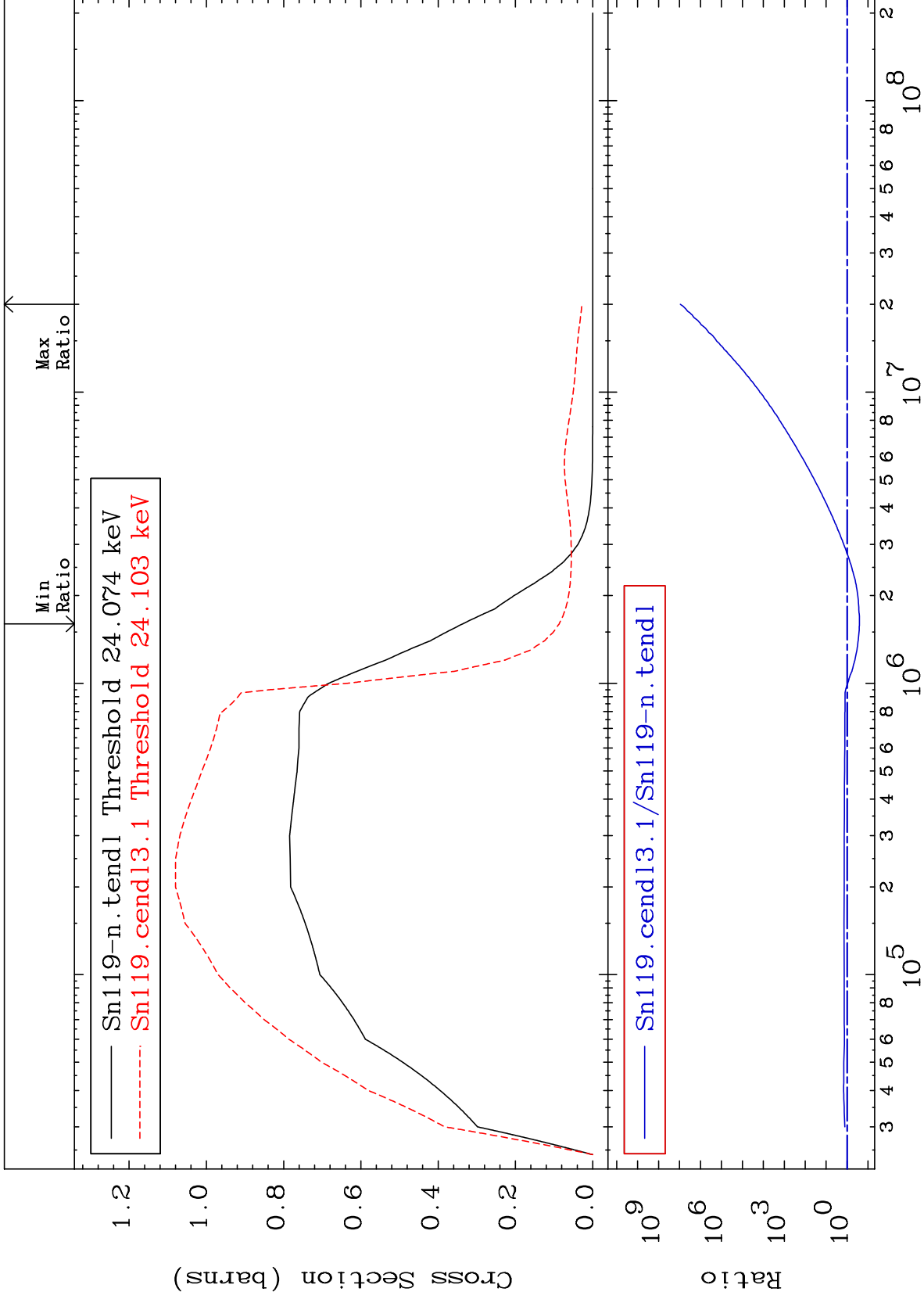
Incident Energy (eV)

50-Sn-119

MAT 5046

23.87 keV (n,n') Level  
Cross Section

50-Sn-119  
-74.16 To 9999. %





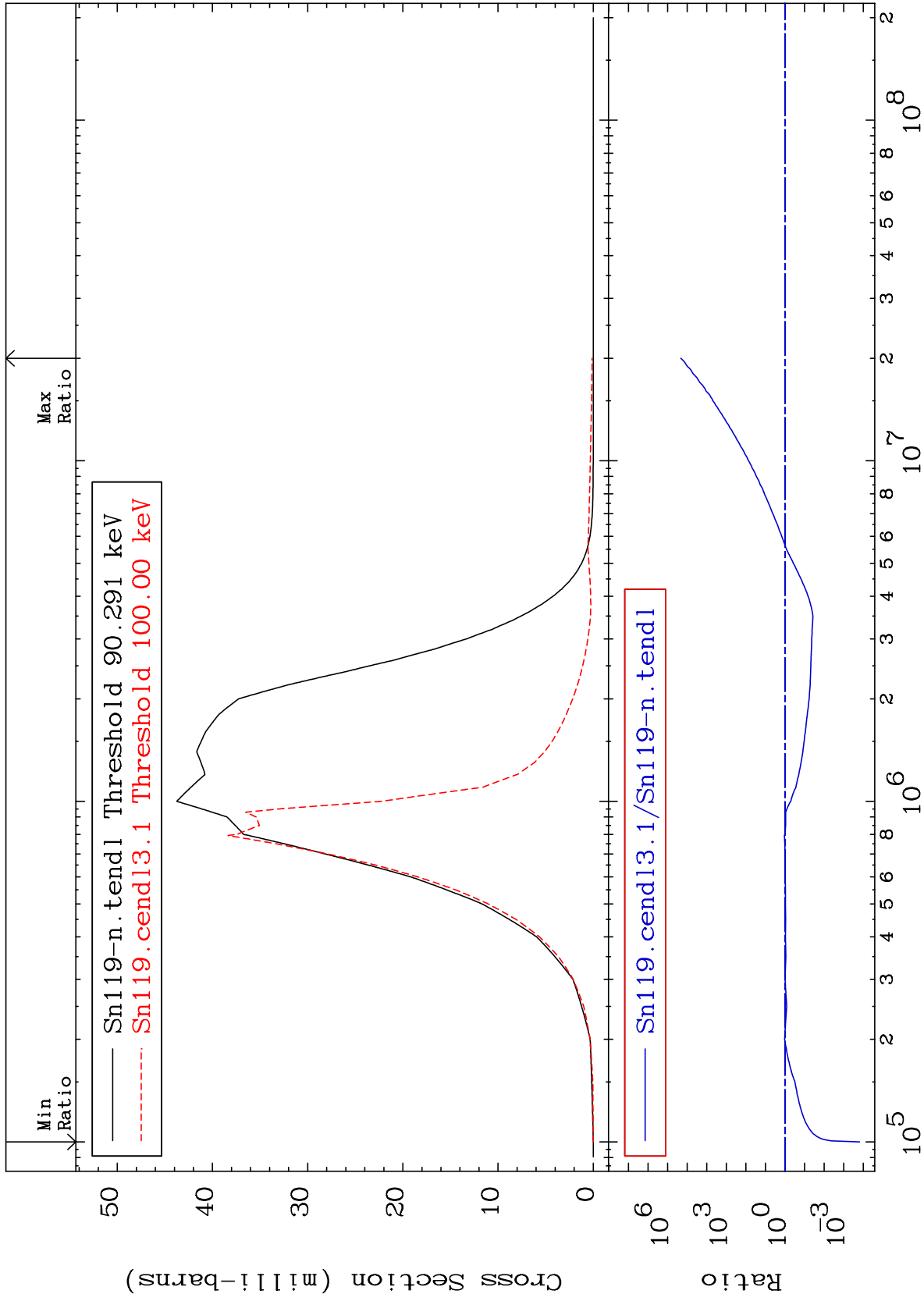
MAT 5046

89.53 keV (n,n') Level

50-Sn-119

-99.98 To 9999. %

Cross Section



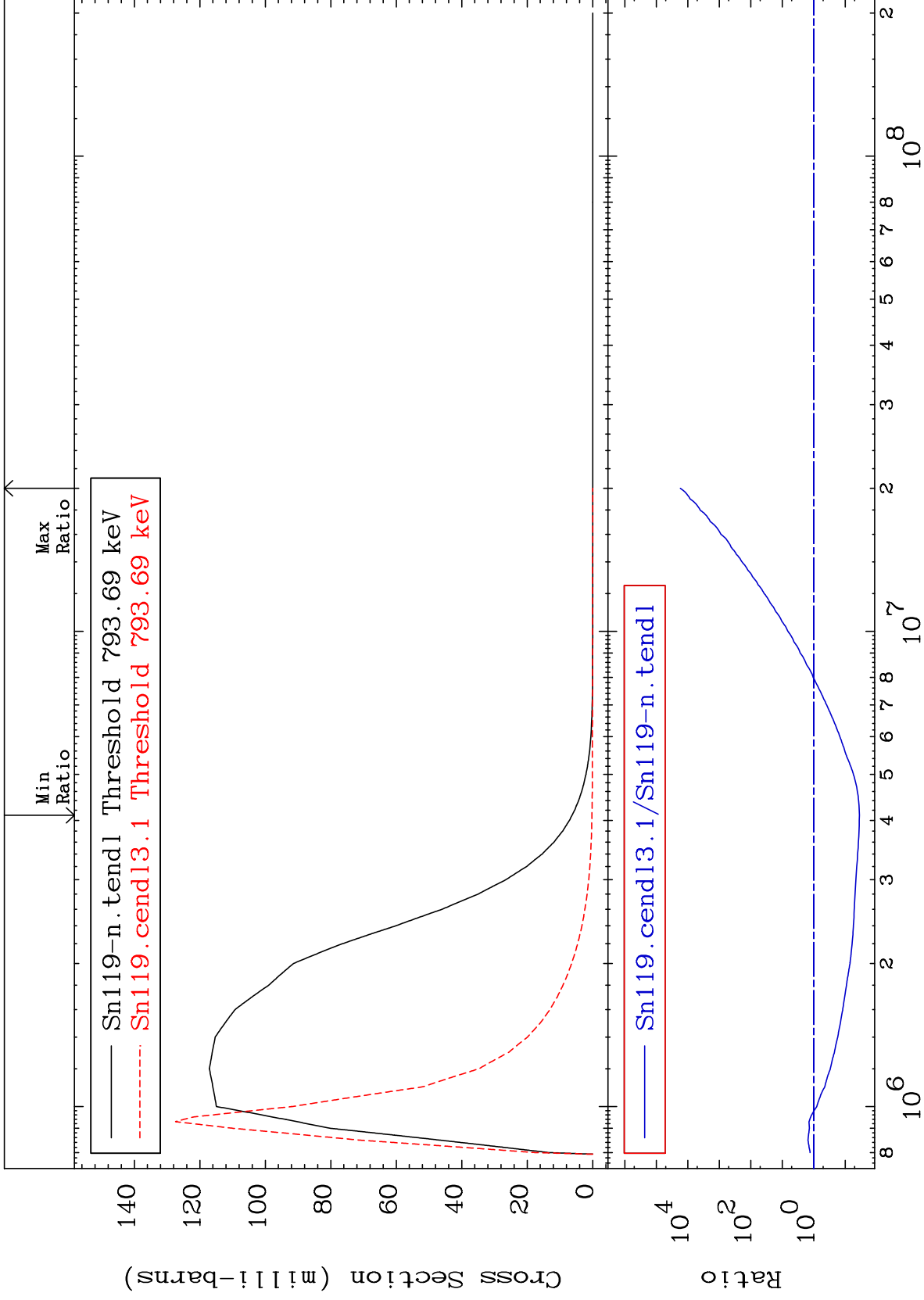
9

50-Sn-119

MAT 5046

787.0 keV (n,n') Level  
Cross Section

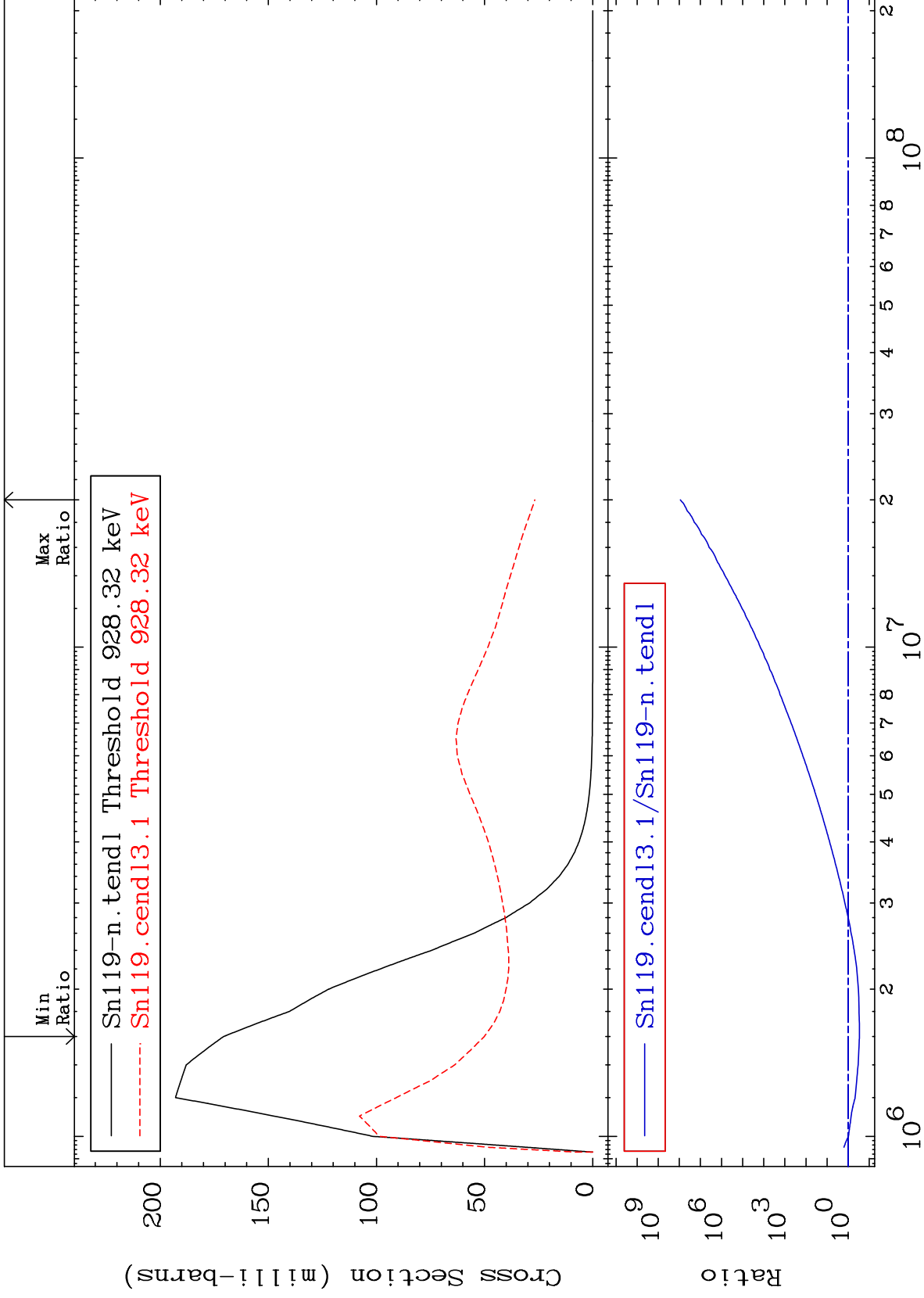
50-Sn-119  
-96.47 To 9999. %



MAT 5046

920.5 keV (n,n') Level  
Cross Section

50-Sn-119  
-70.64 To 9999. %



11

Incident Energy (eV)

50-Sn-119

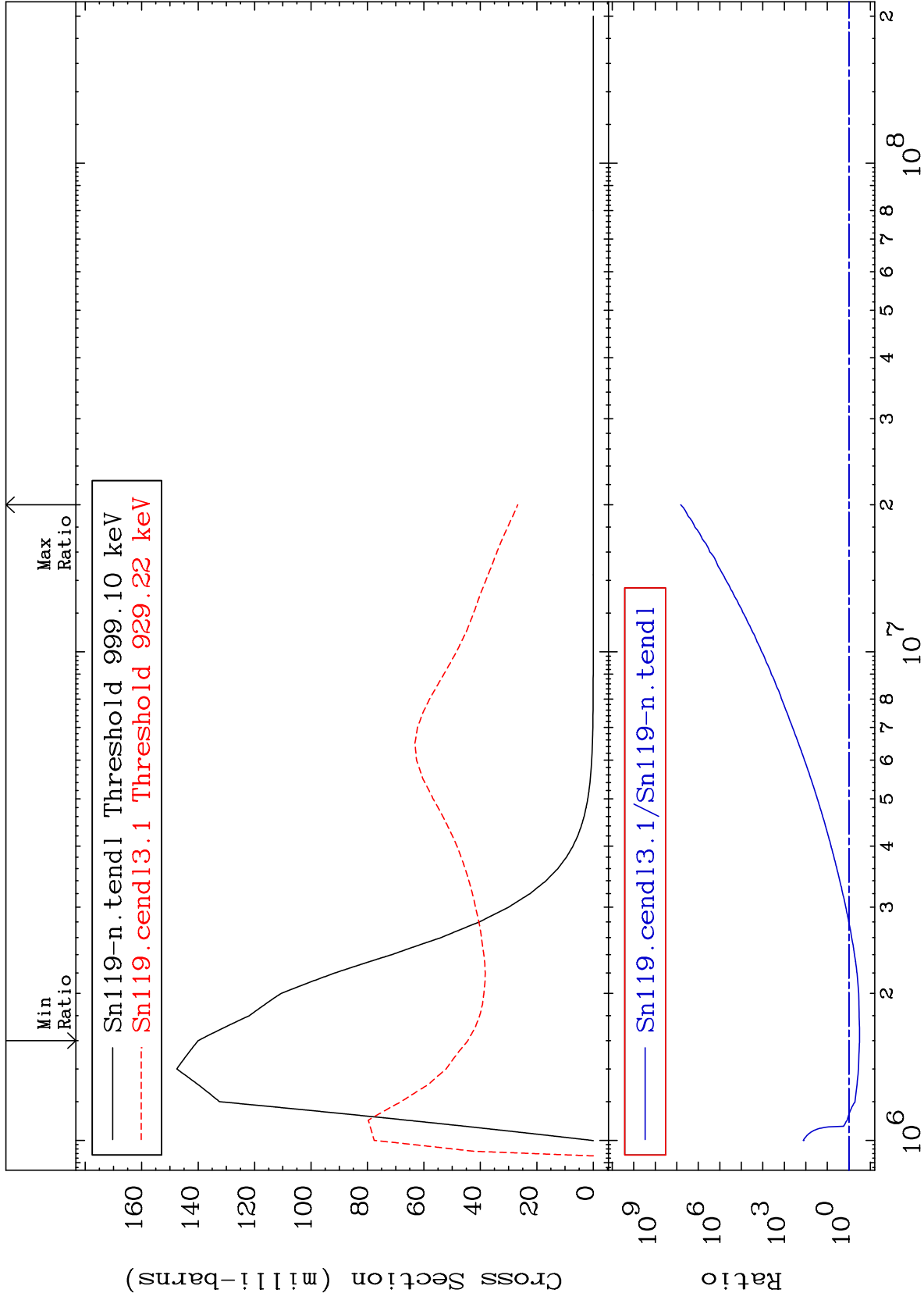
MAT 5046

990.7 keV (n,n') Level

50-Sn-119

-68.25 To 9999. %

Cross Section



12

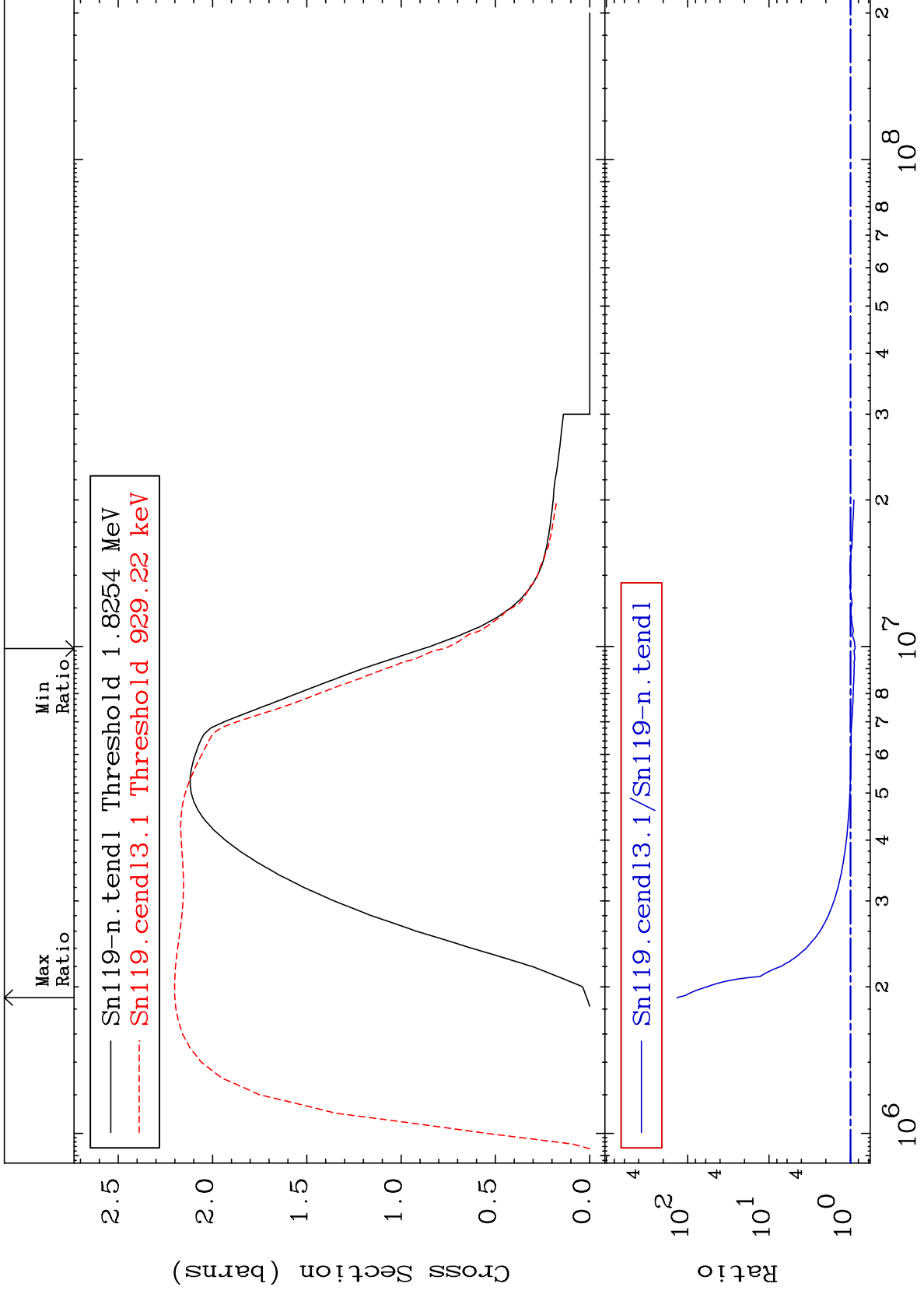
Incident Energy (eV)

50-Sn-119

MAT 5046

(n, n') Continuum  
Cross Section

50-Sn-119  
-12.38 To 9999. %



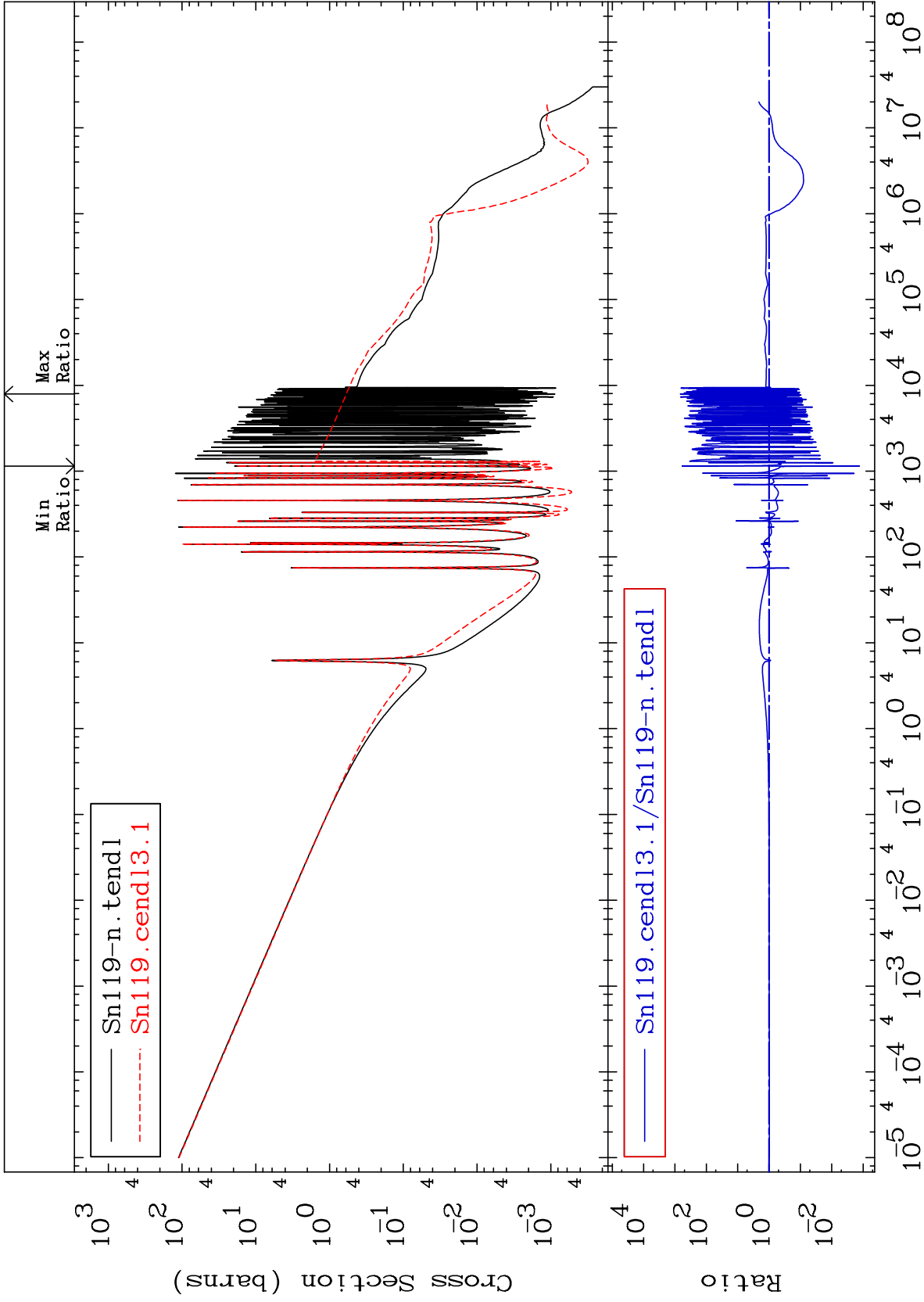
13

Incident Energy (eV)

50-Sn-119

MAT 5046

(n,  $\gamma$ )  
Cross Section  
50-Sn-119  
-99.87 To 9999. %



14

Incident Energy (eV)

50-Sn-119

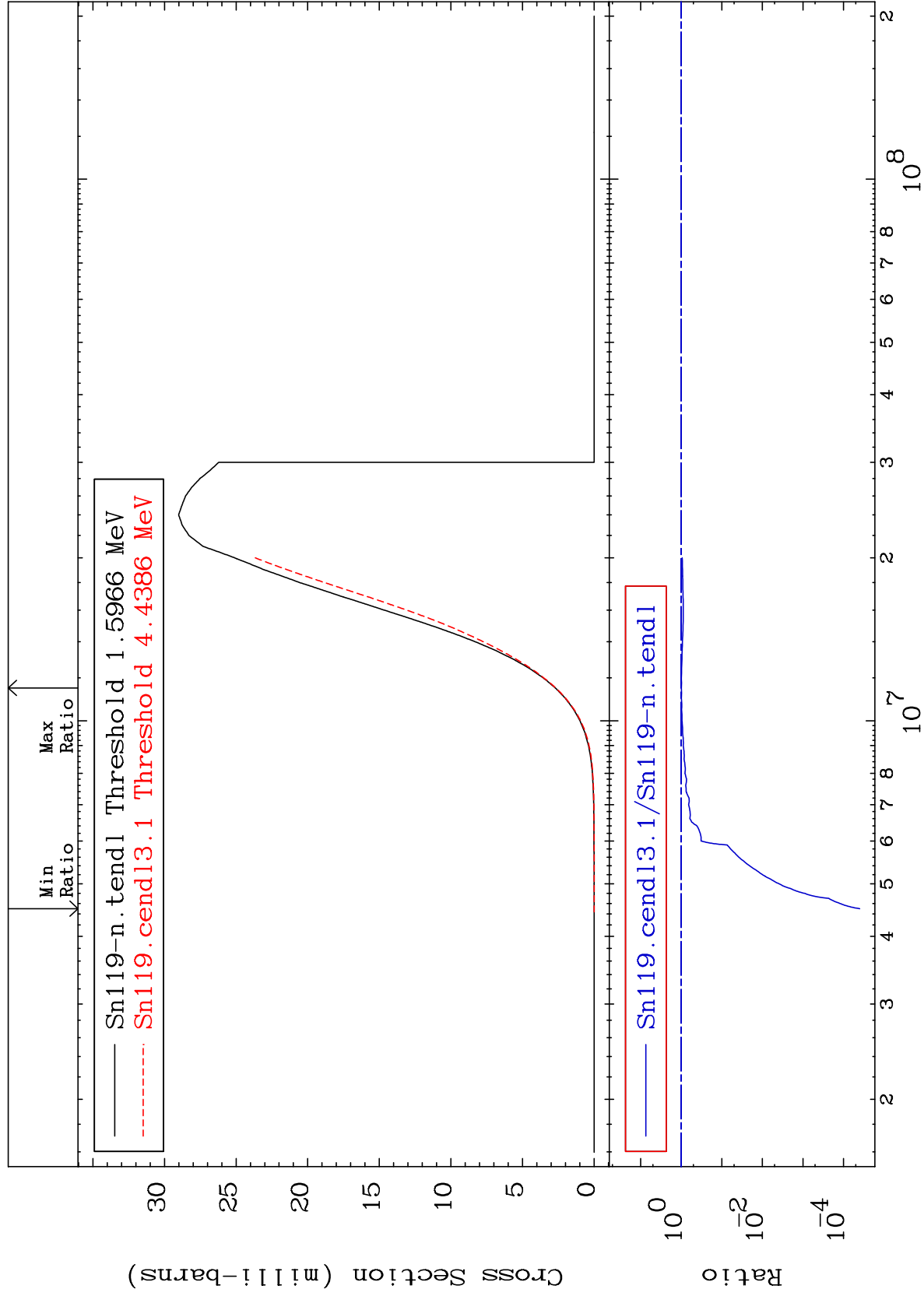
MAT 5046

(n,p)

50-Sn-119

Cross Section

-100.0 To -0.860%



15

Incident Energy (eV)

50-Sn-119

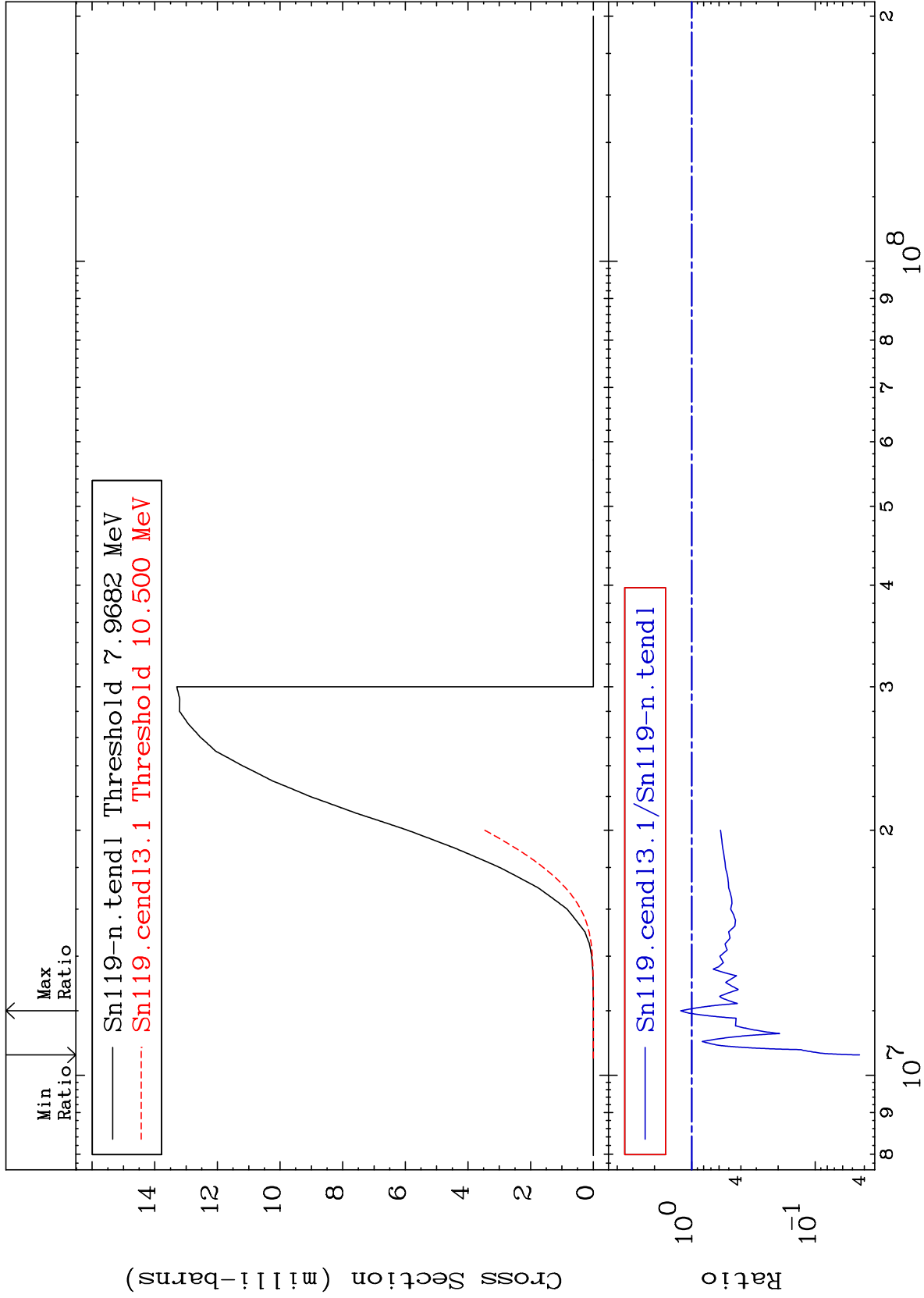
MAT 5046

(n, d)

50-Sn-119

Cross Section

-95.62 To 22.60 %



16

Incident Energy (eV)

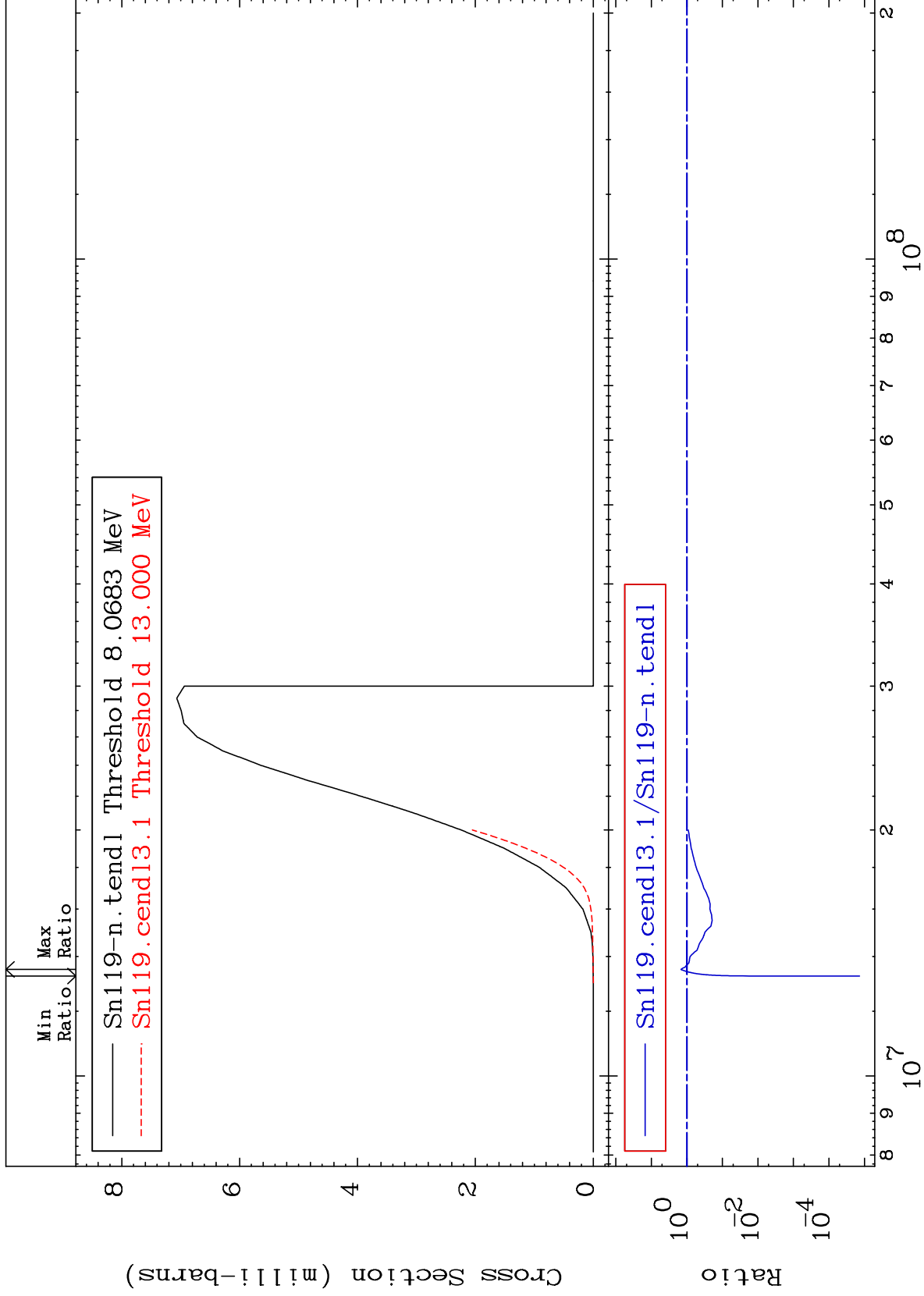
50-Sn-119



MAT 5046

(n, t)  
Cross Section

50-Sn-119  
-100.0 To 48.67 %



17

50-Sn-119

50-Sn-119

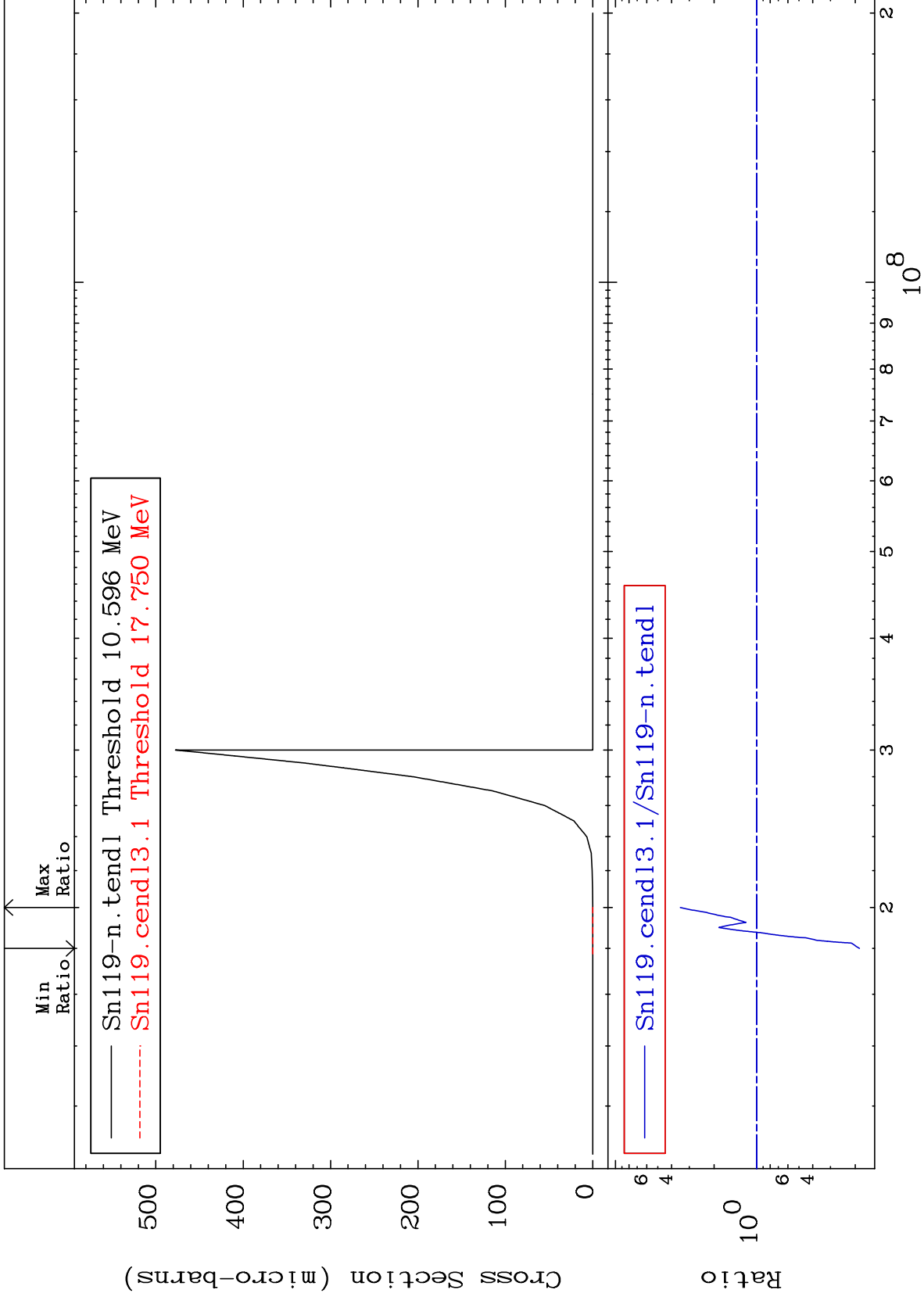
MAT 5046

(n, He-3)

50-Sn-119

Cross Section

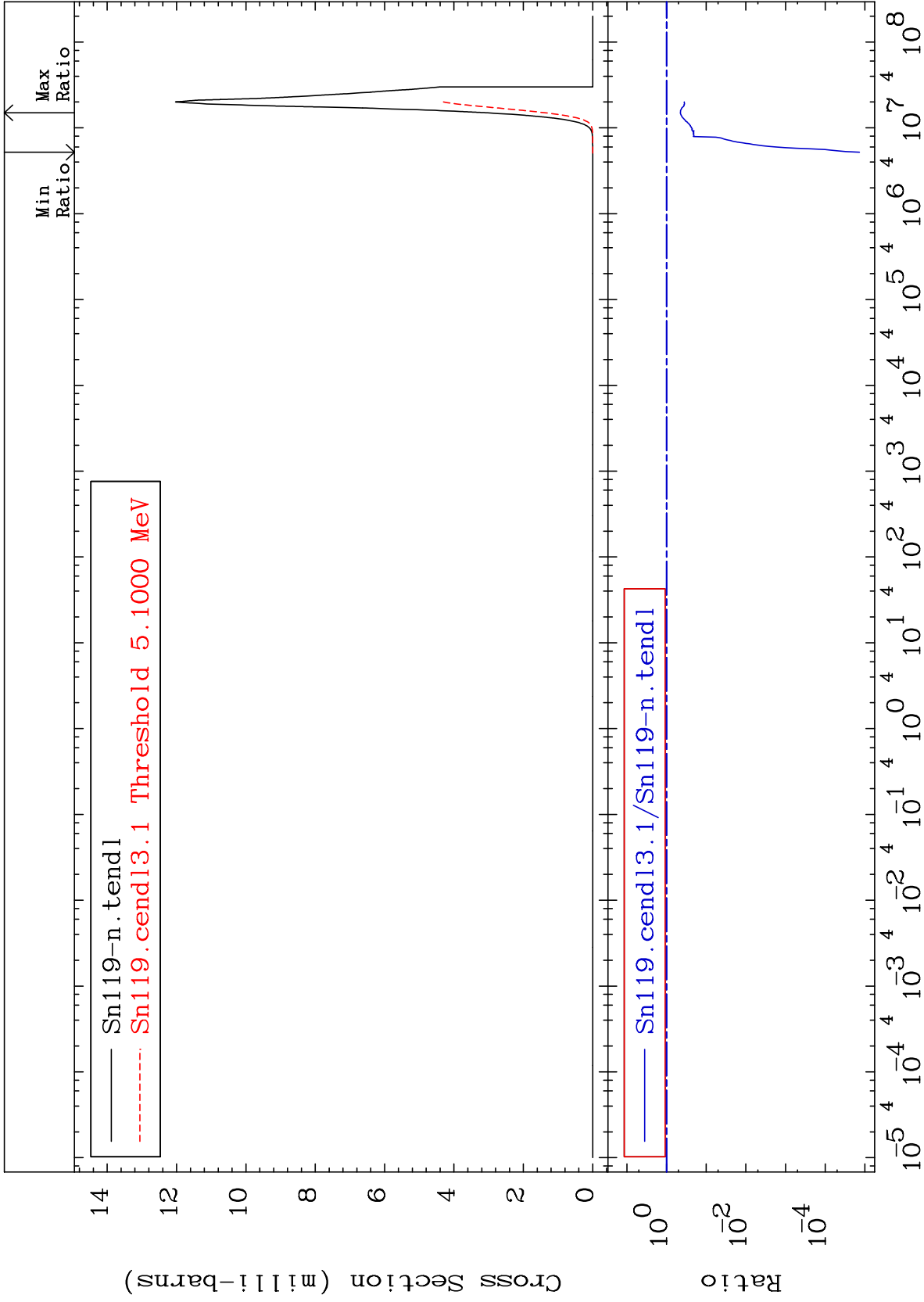
-81.33 To 246.5 %



MAT 5046

(n,  $\alpha$ )  
Cross Section

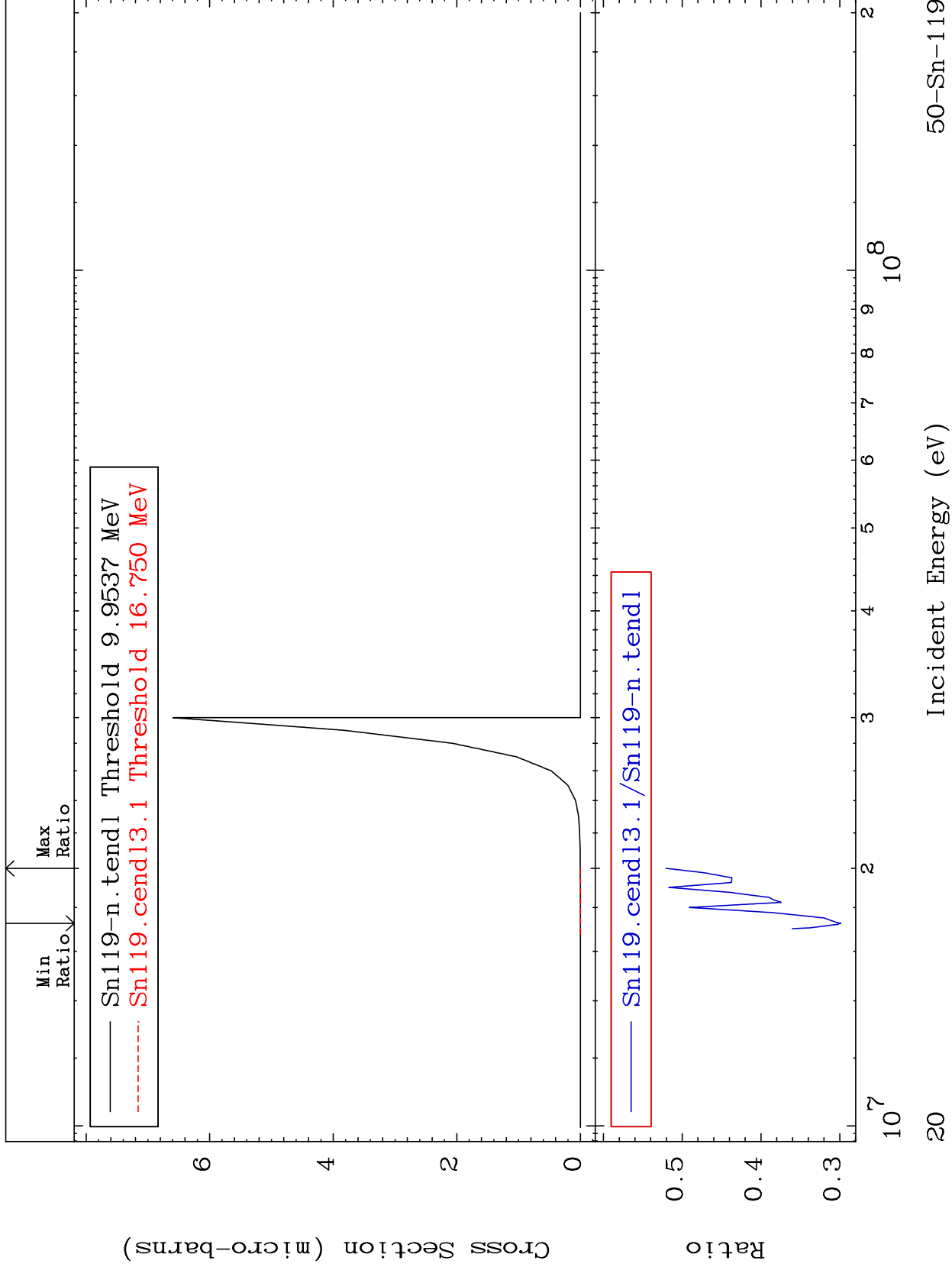
50-Sn-119  
-100.0 To -55.08%



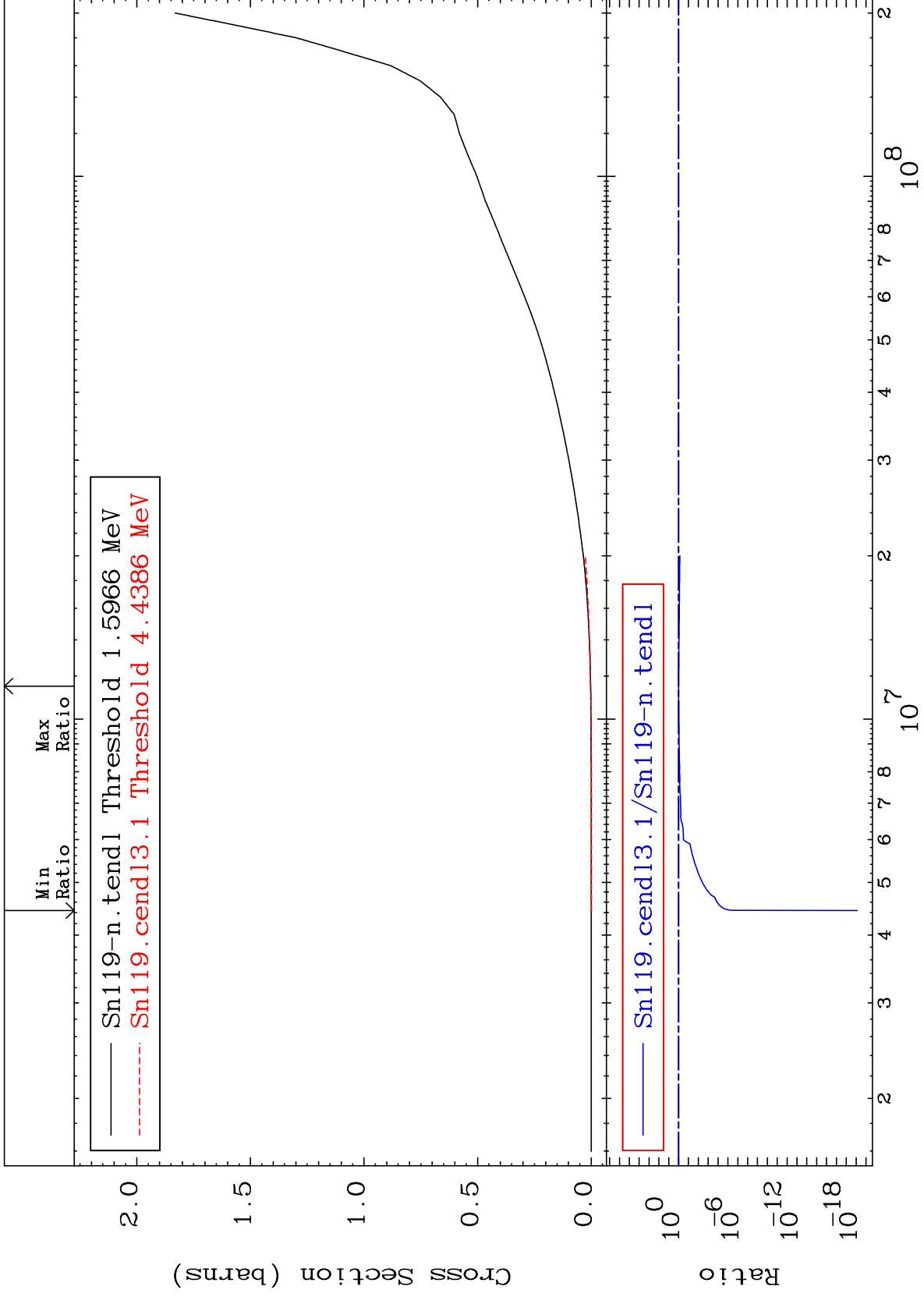
MAT 5046

(n,2p)  
Cross Section

50-Sn-119  
-70.14 To -47.94%



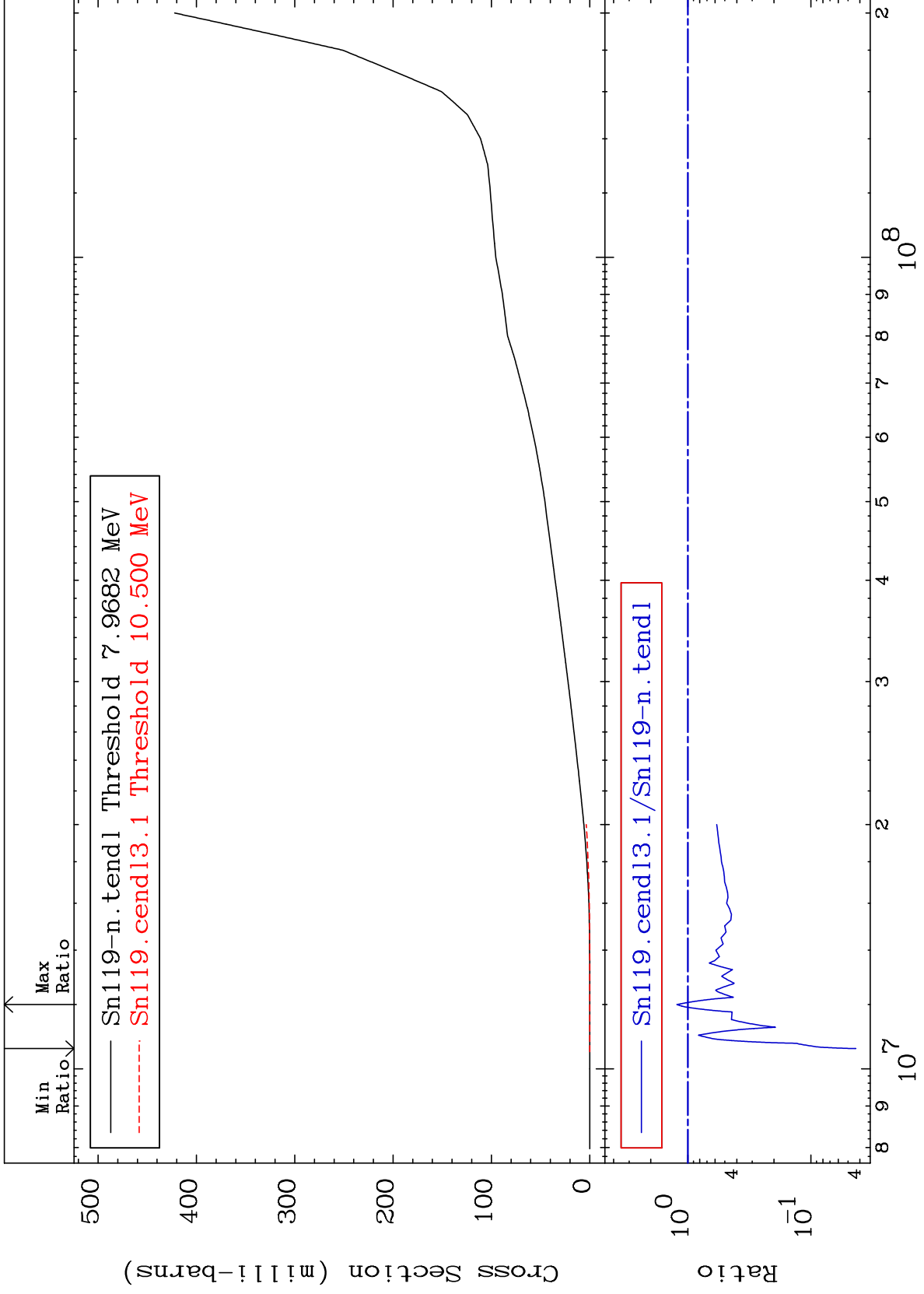
50-Sn-119



MAT 5046

Deuterium Production  
Cross Section

50-Sn-119  
-95.62 To 22.60 %



22

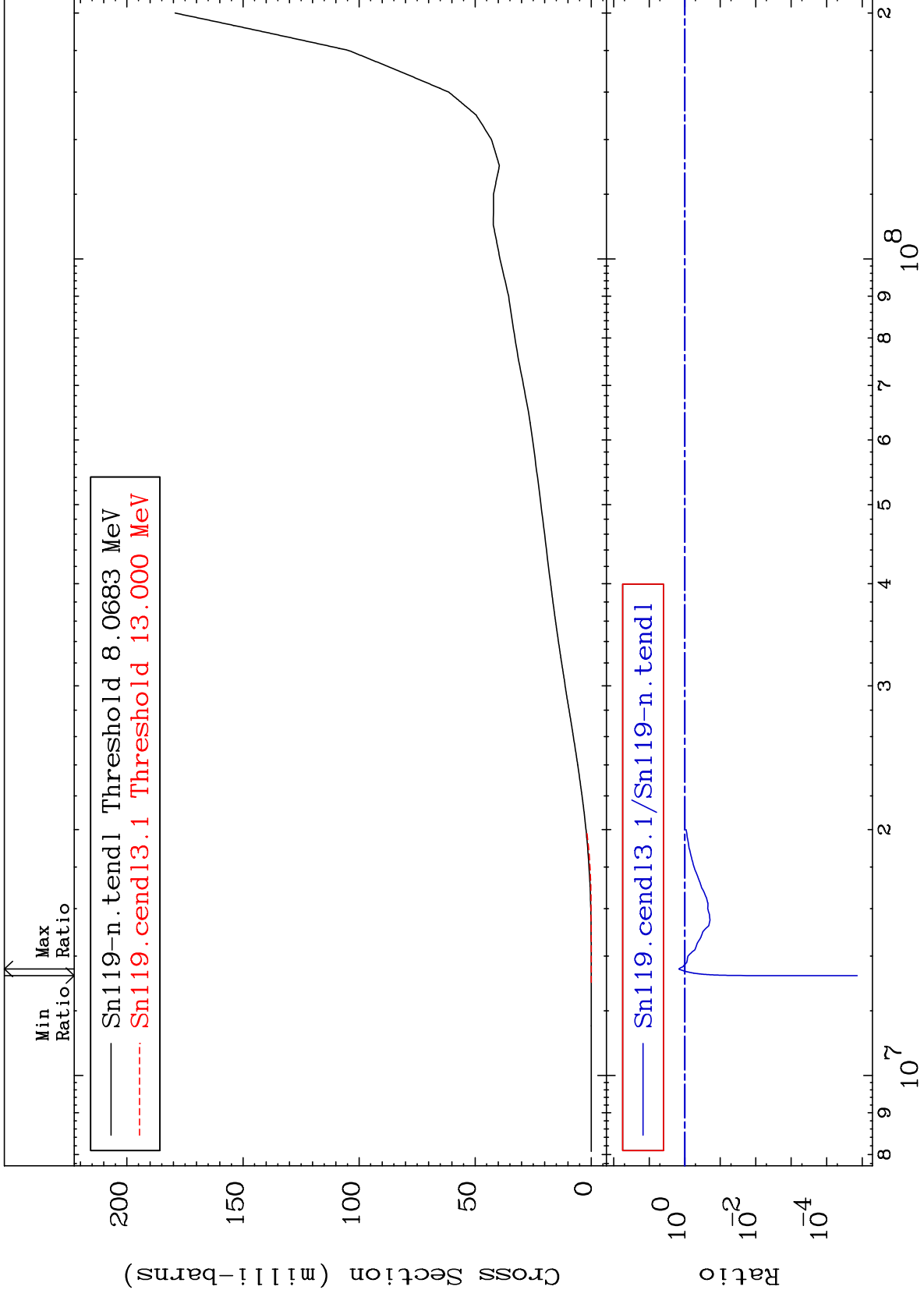
Incident Energy (eV)

50-Sn-119

MAT 5046

Tritium Production  
Cross Section

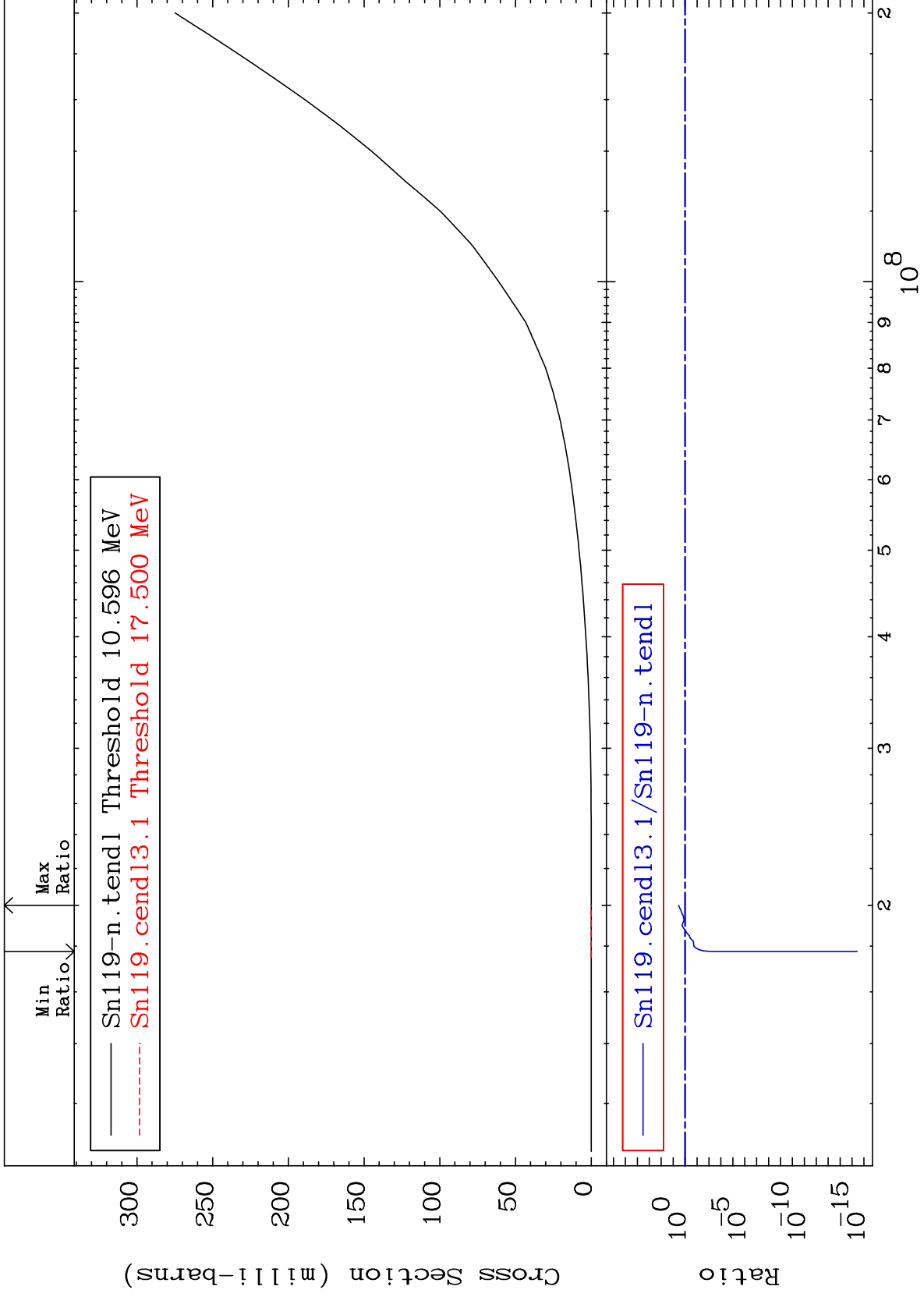
50-Sn-119  
-100.0 To 48.67 %



MAT 5046

He-3 Production  
Cross Section

50-Sn-119  
-100.0 To 246.5 %

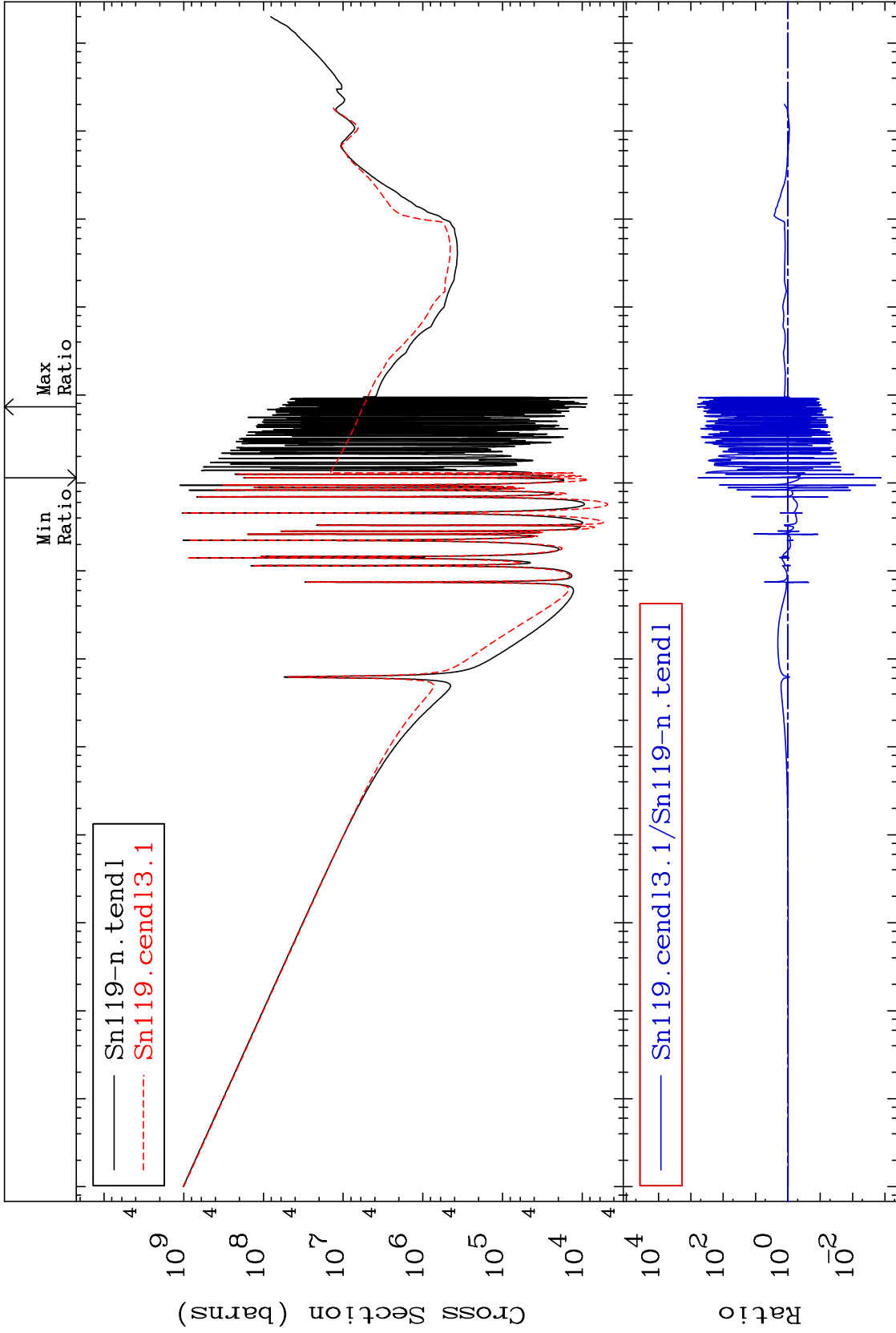






Cross Section

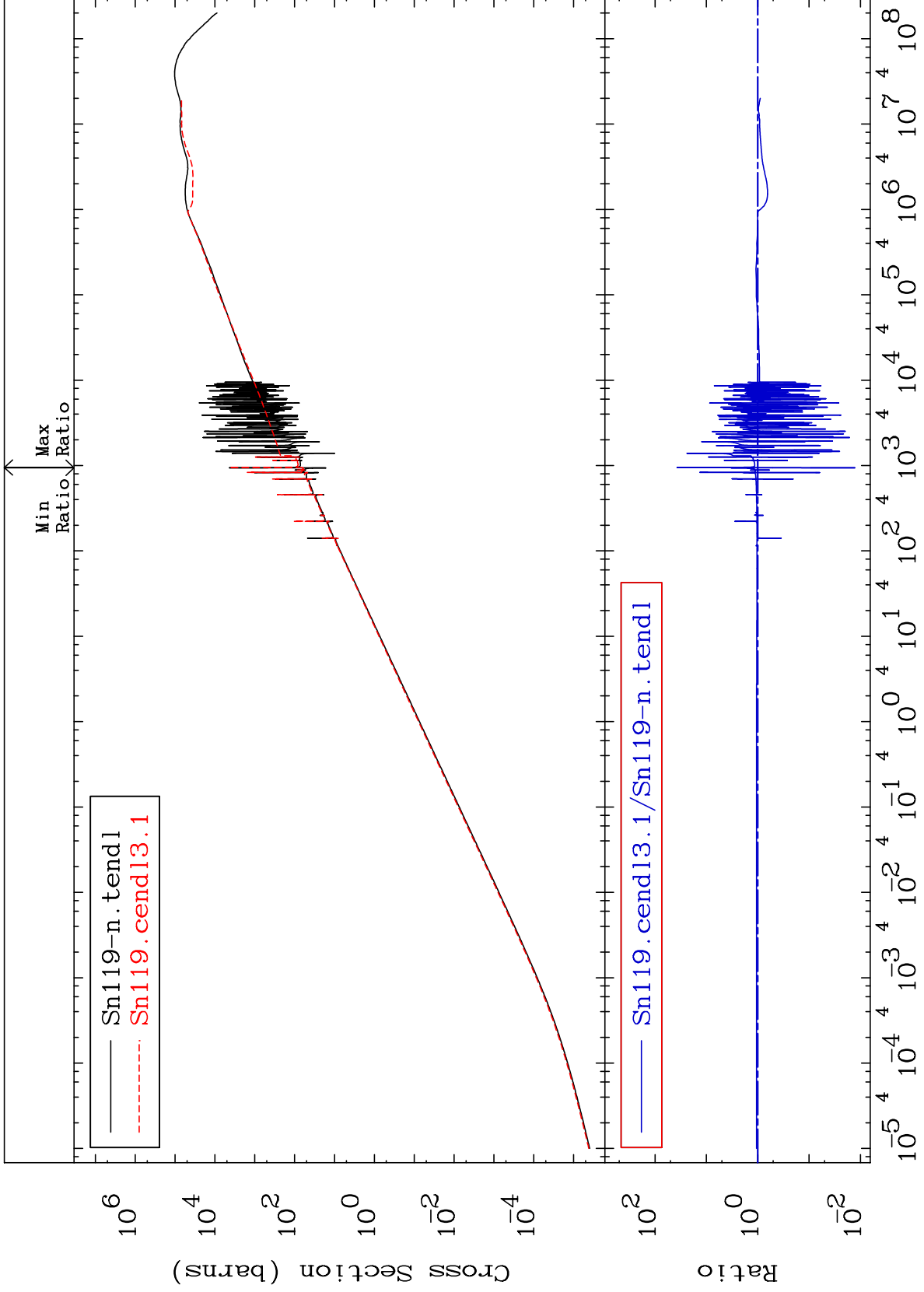
-99.87 To 9999. %

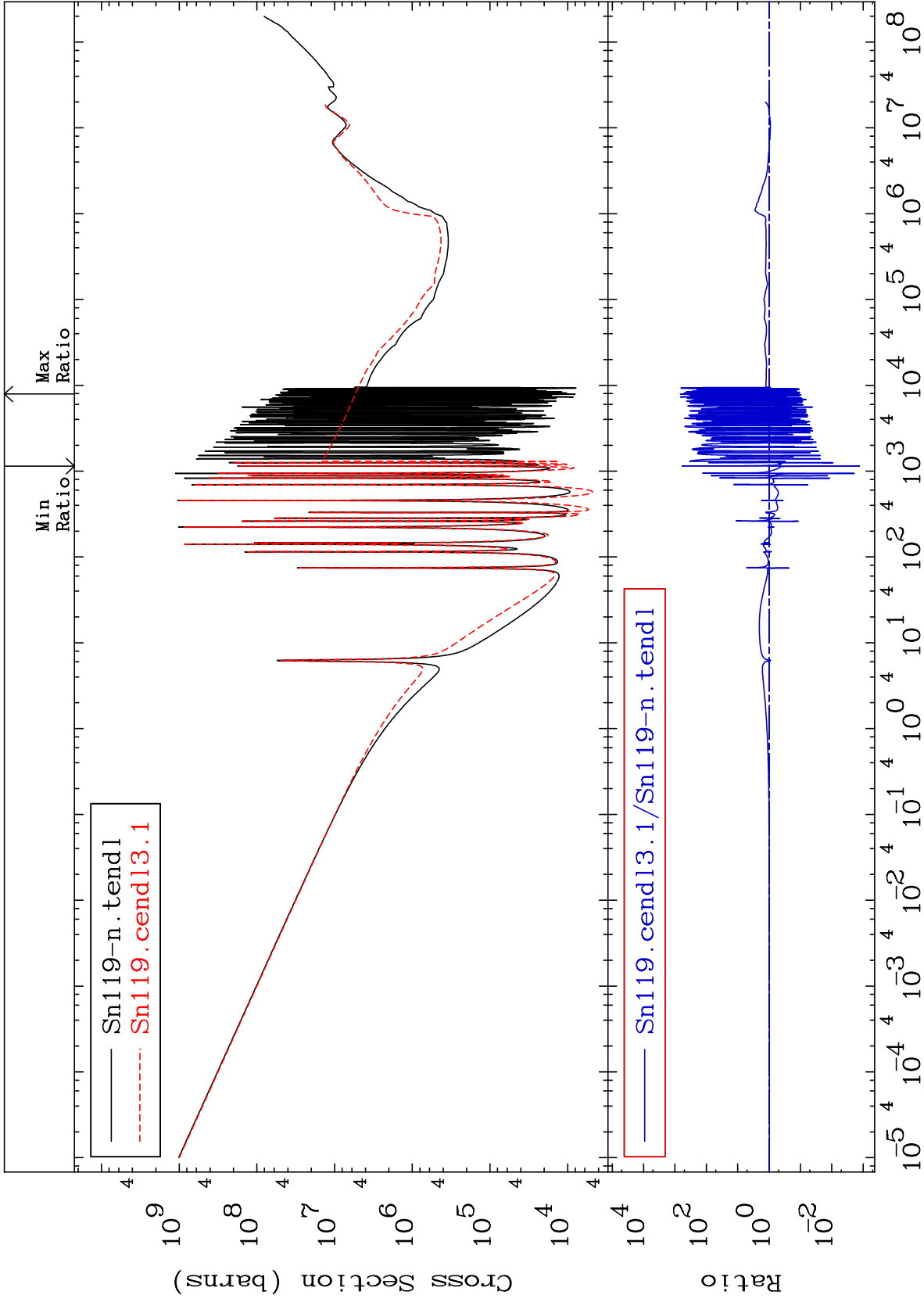


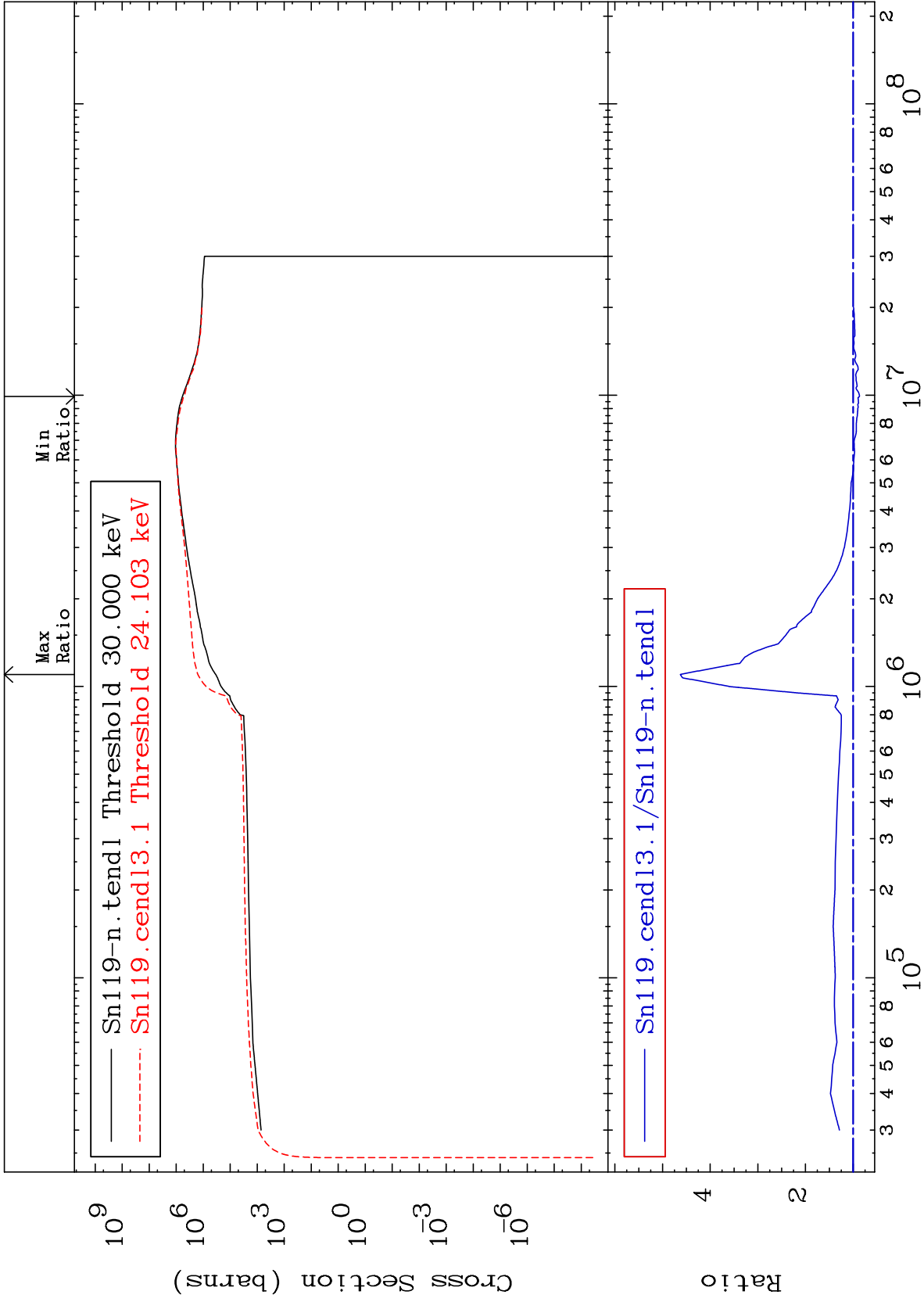
MAT 5046

Kerma elastic  
Cross Section

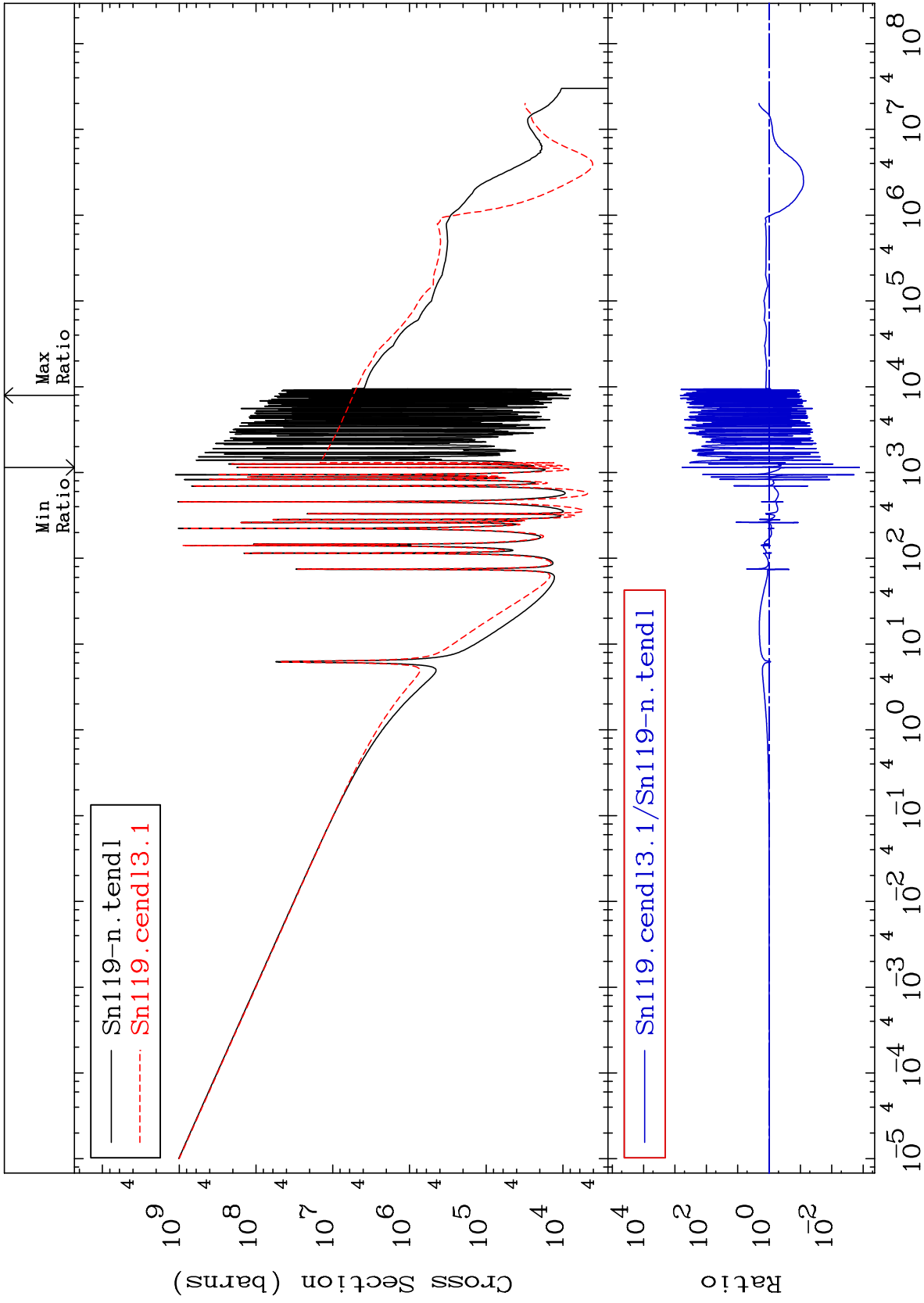
50-Sn-119  
-98.73 To 3654. %







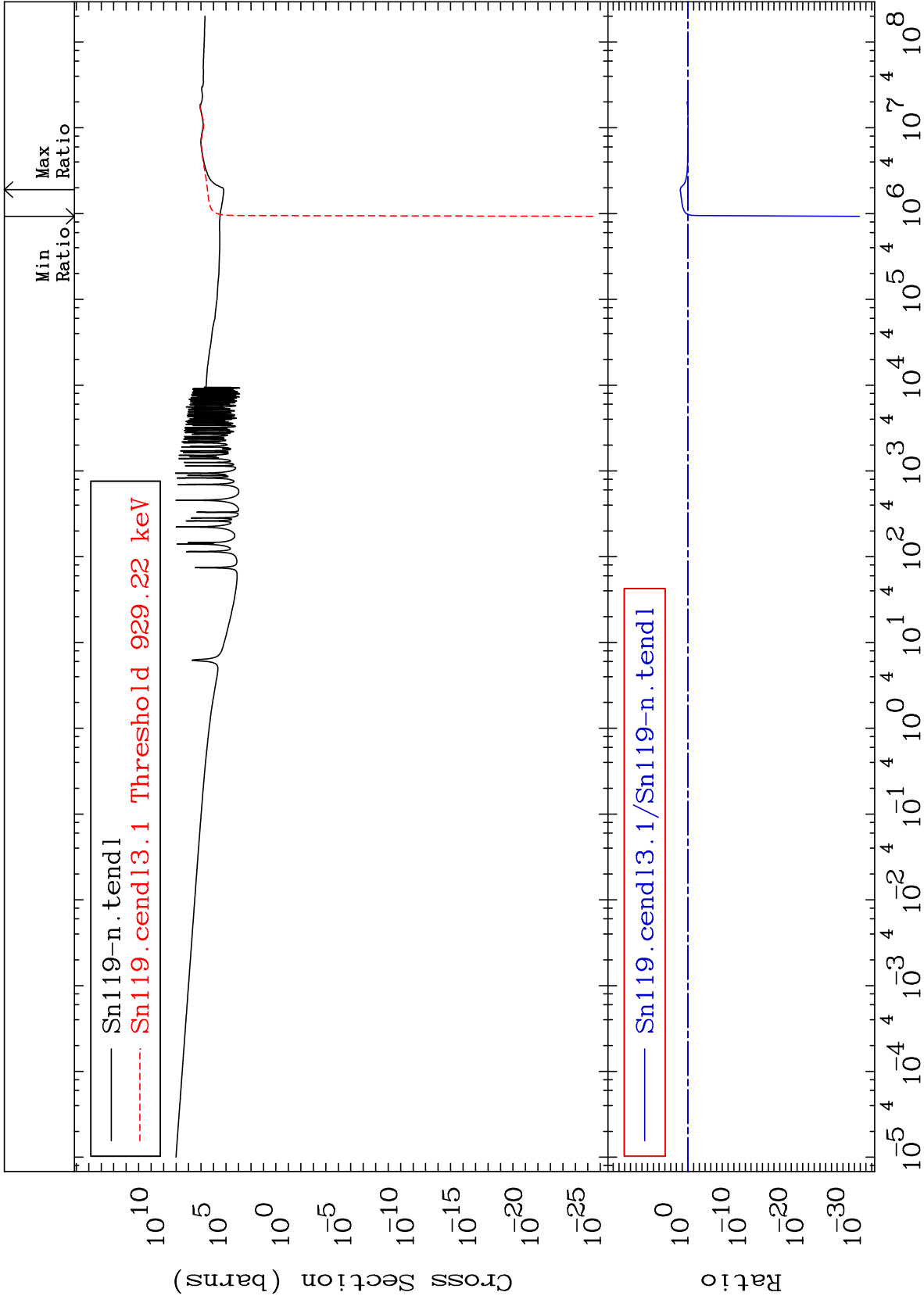




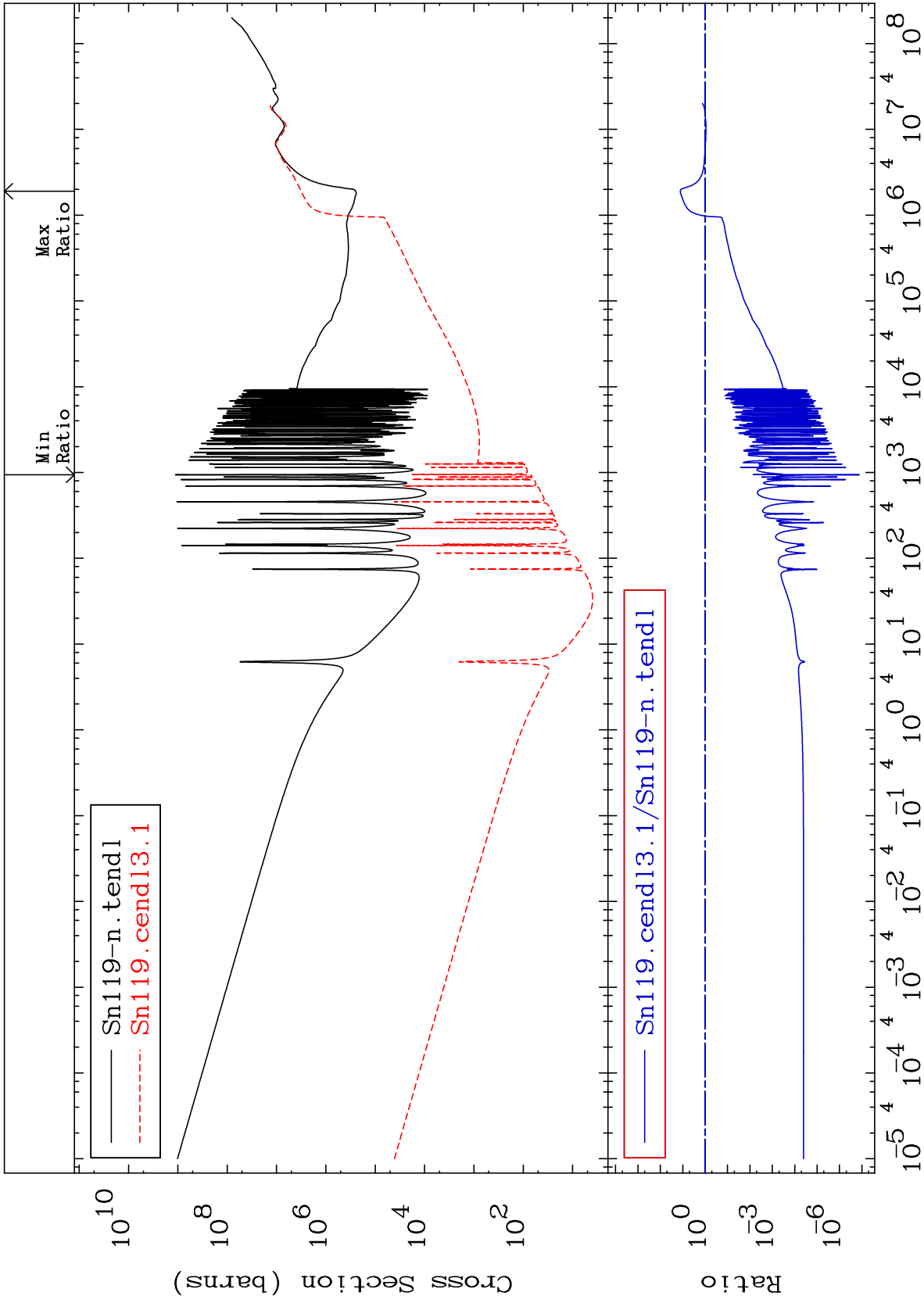
MAT 5046

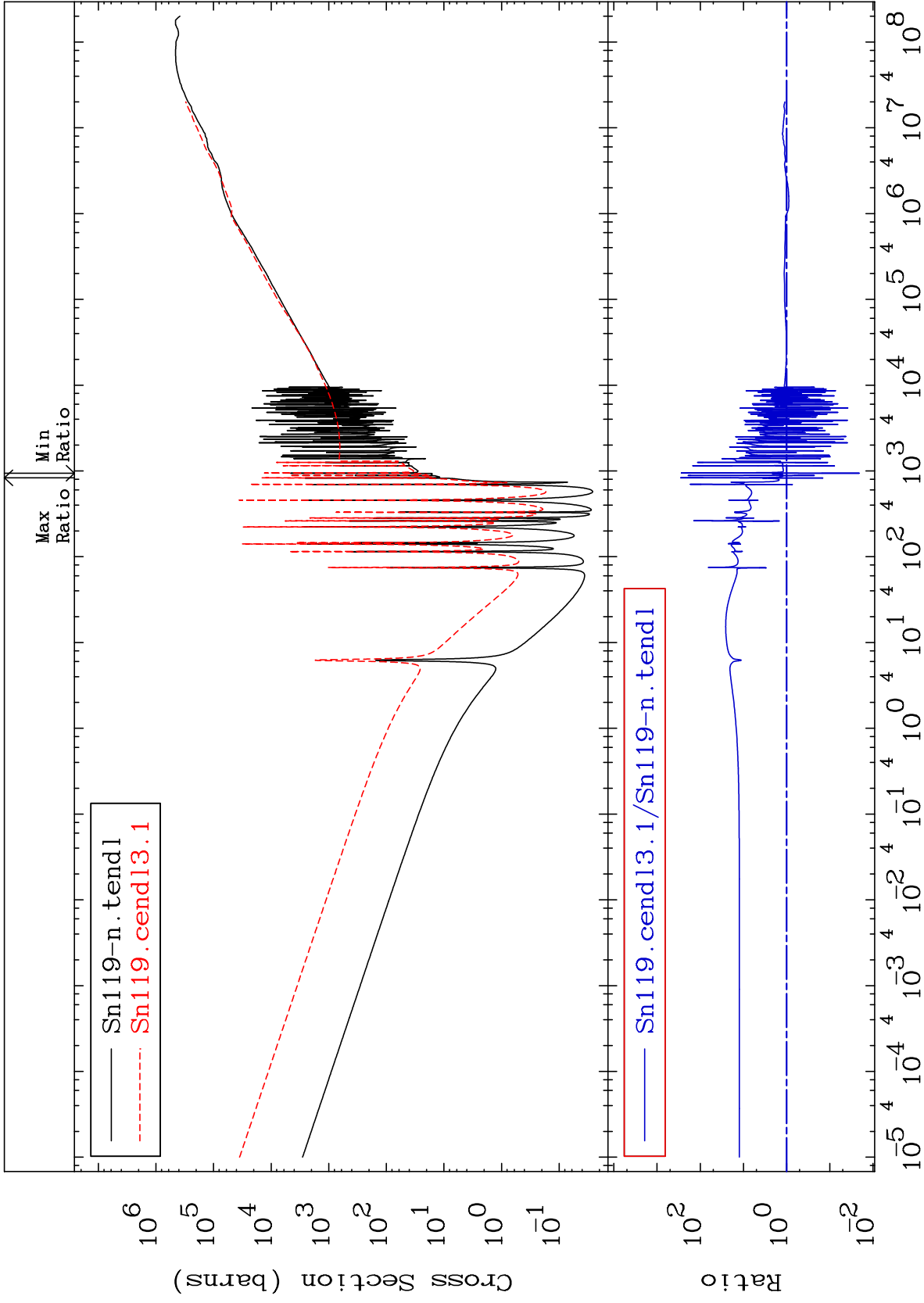
Total photon (eV-barns)  
Cross Section

50-Sn-119  
-100.0 To 1921. %





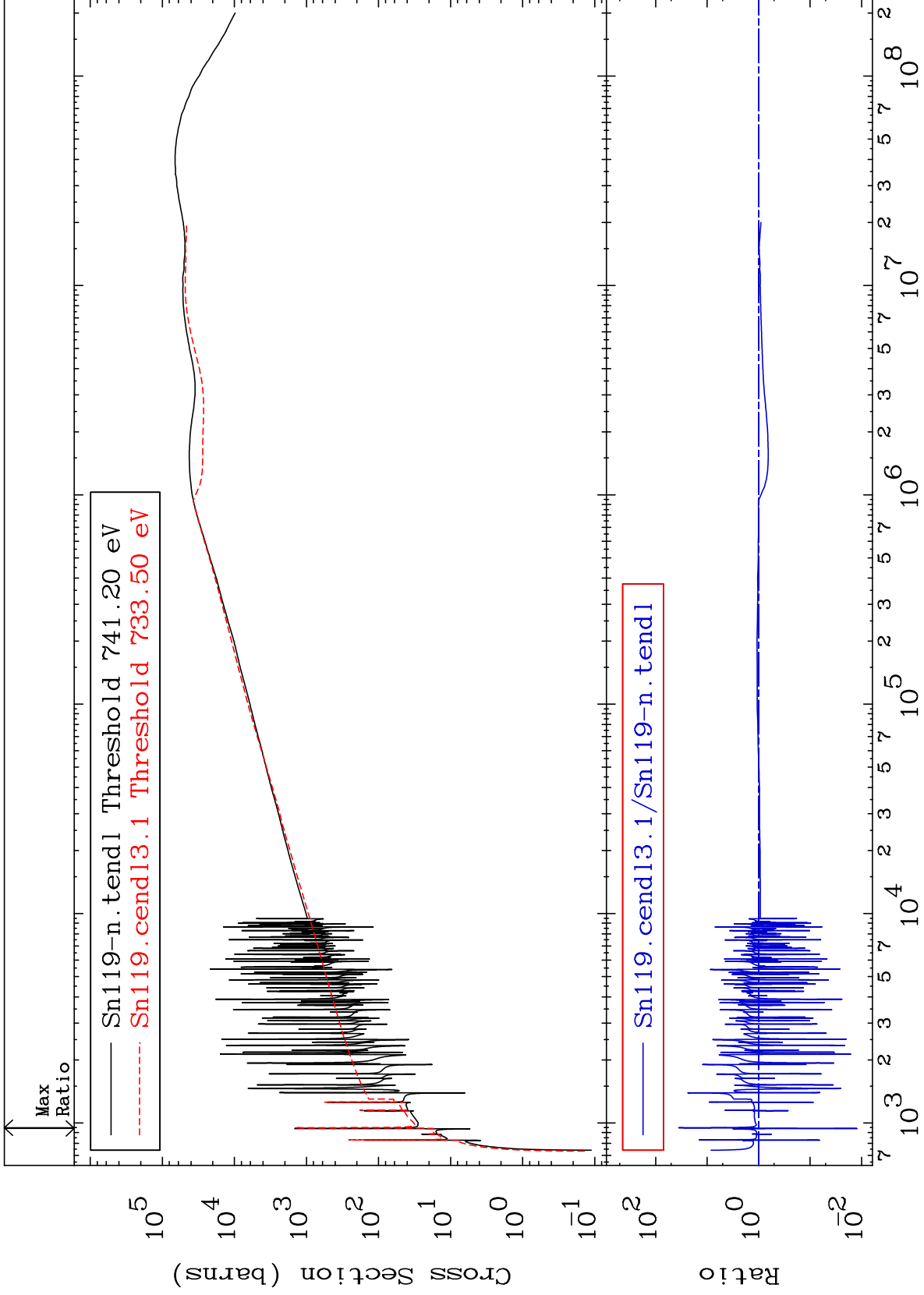




MAT 5046

Dpa elastic (mt2)  
Cross Section

50-Sn-119  
-98.79 To 3482. %



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Incident Energy (eV)

50-Sn-119

