

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

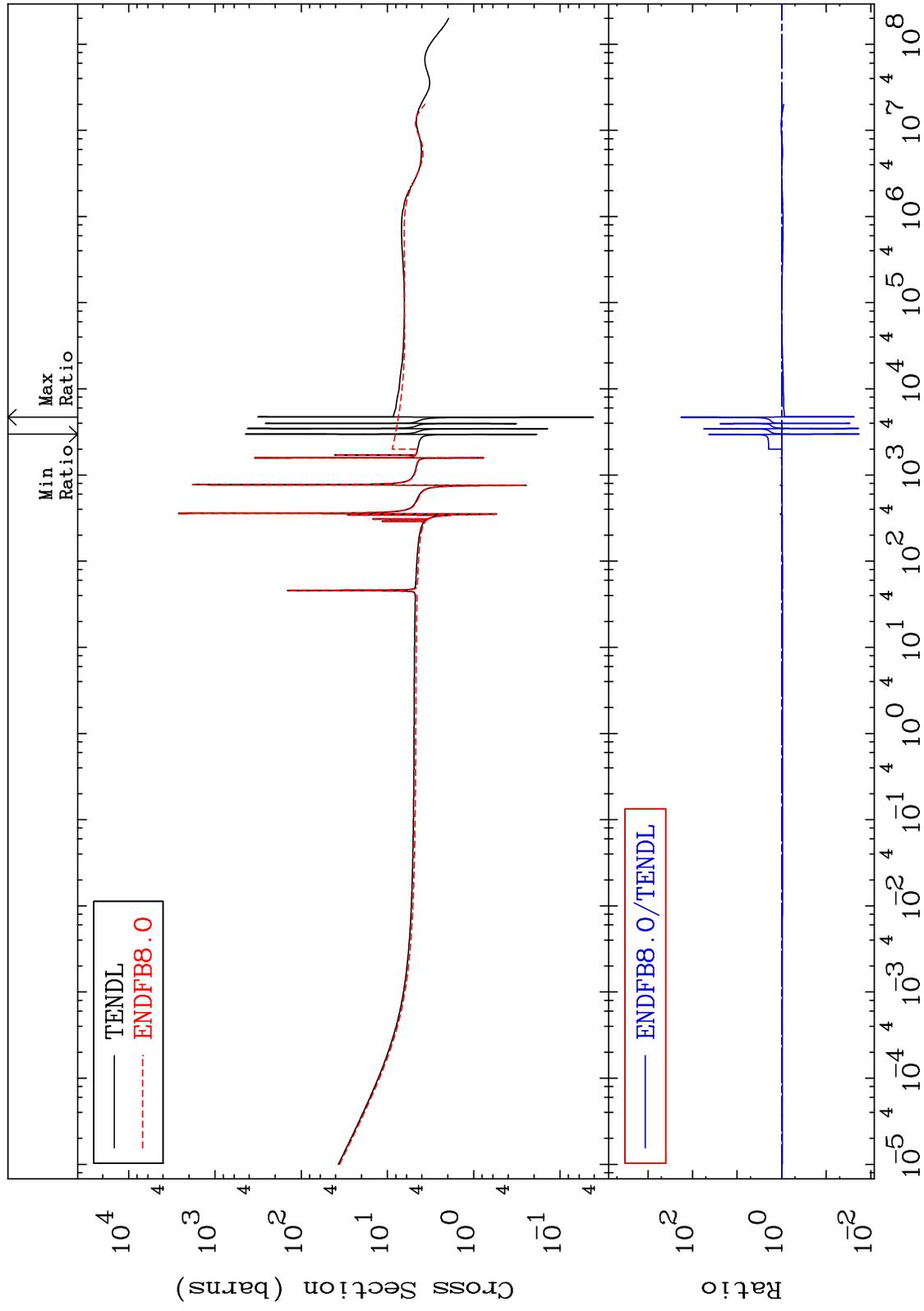
MAT 5043

Total

50-Sn-118

Cross Section

-98.18 To 9999. %



1

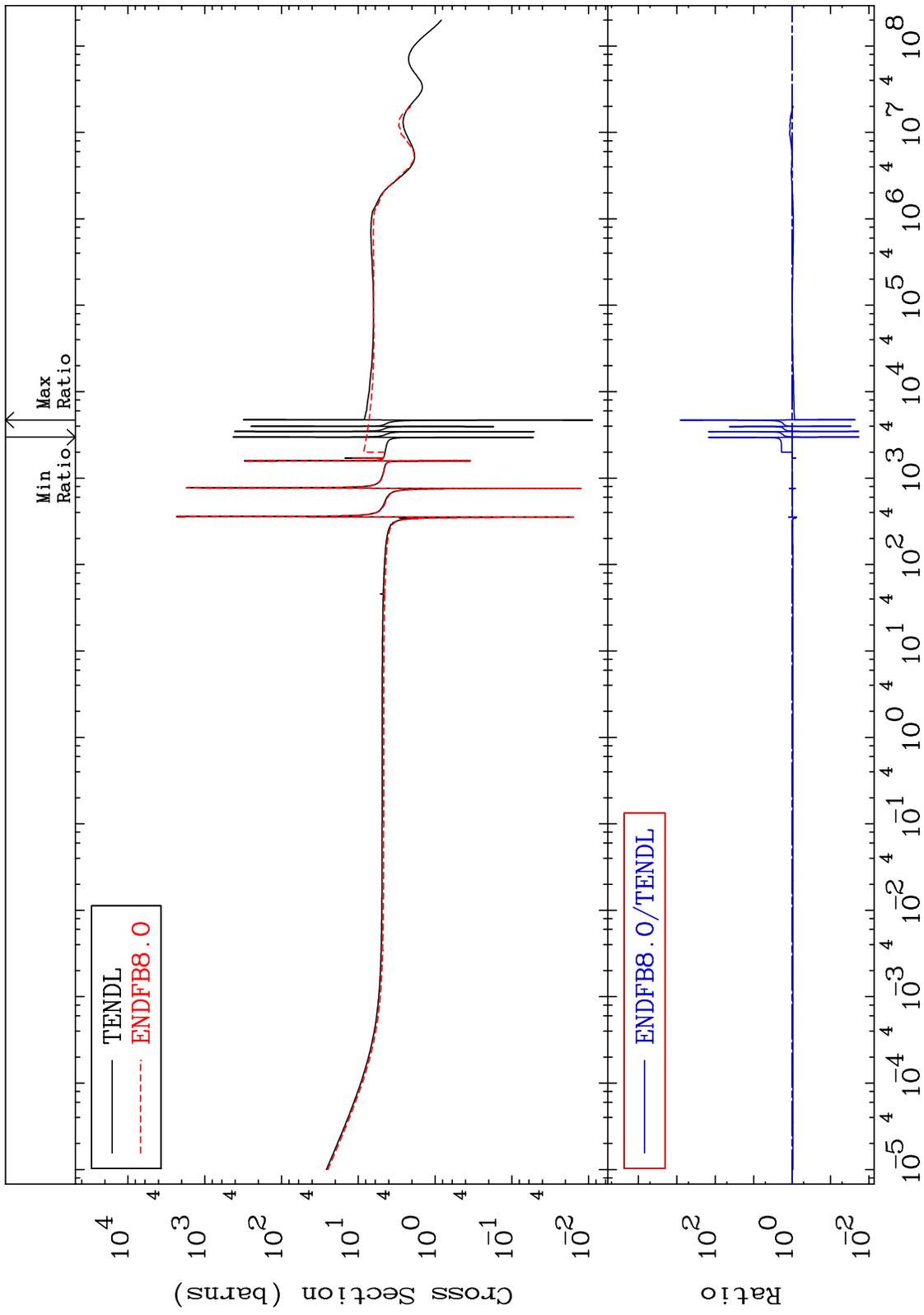
Incident Energy (eV)

50-Sn-118

MAT 5043

Elastic  
Cross Section

50-Sn-118  
-98.18 To 9999. %

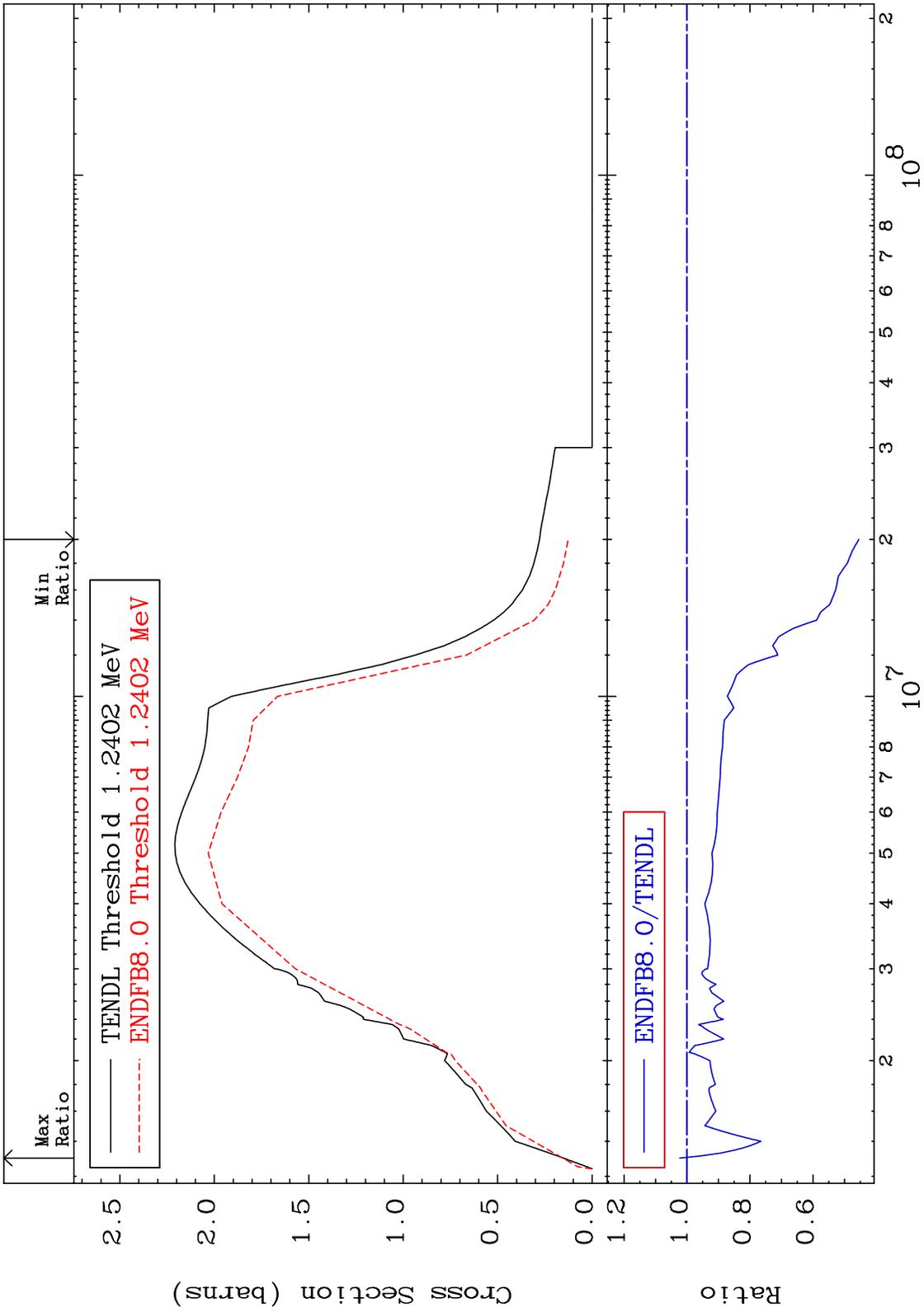


2

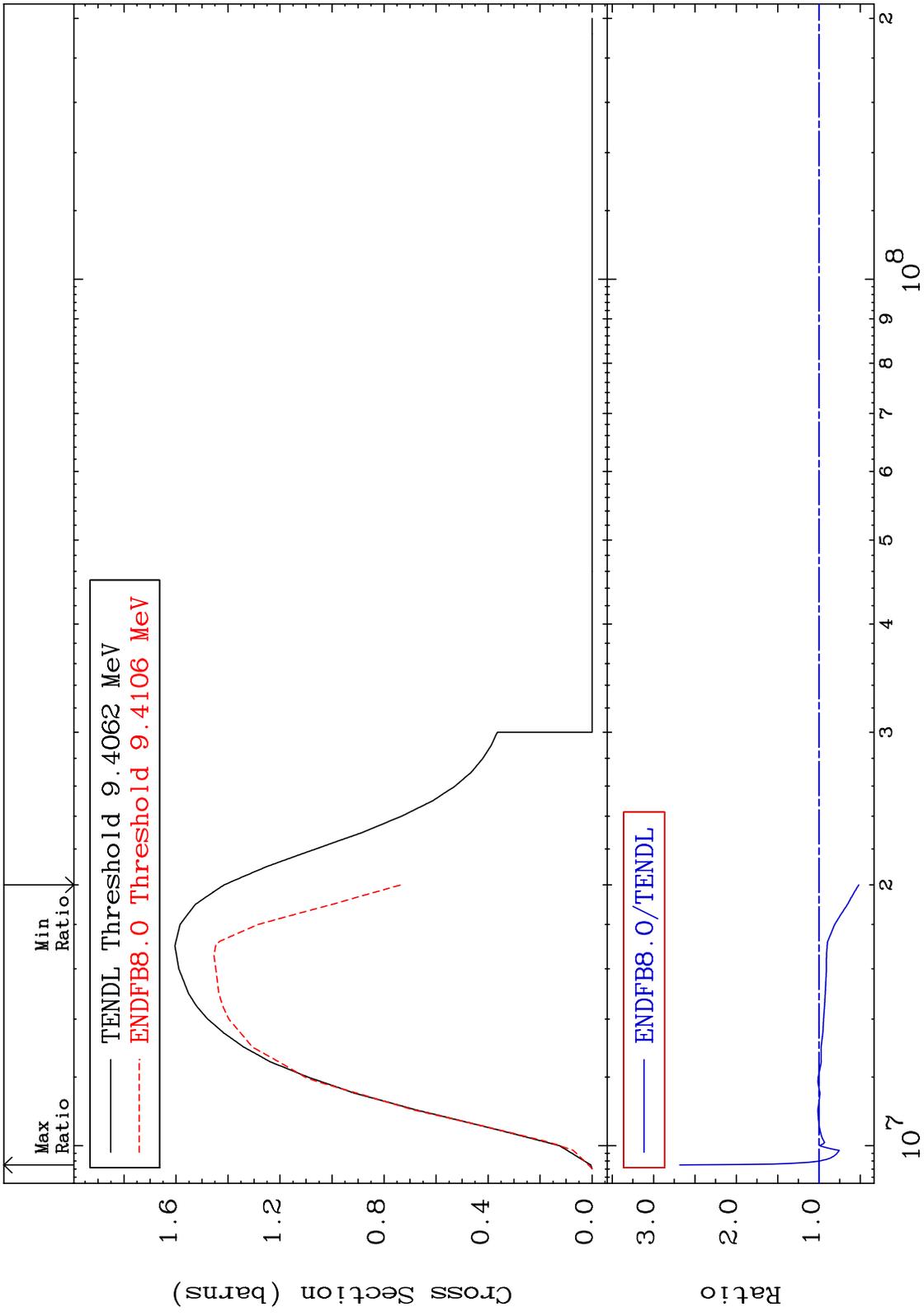
Incident Energy (eV)

50-Sn-118

MAT 5043 Inelastic Cross Section 50-Sn-118 -54.56 To 2.305 %



MAT 5043 (n,2n) Cross Section 50-Sn-118 -48.10 To 168.3 %



Incident Energy (eV) 50-Sn-118

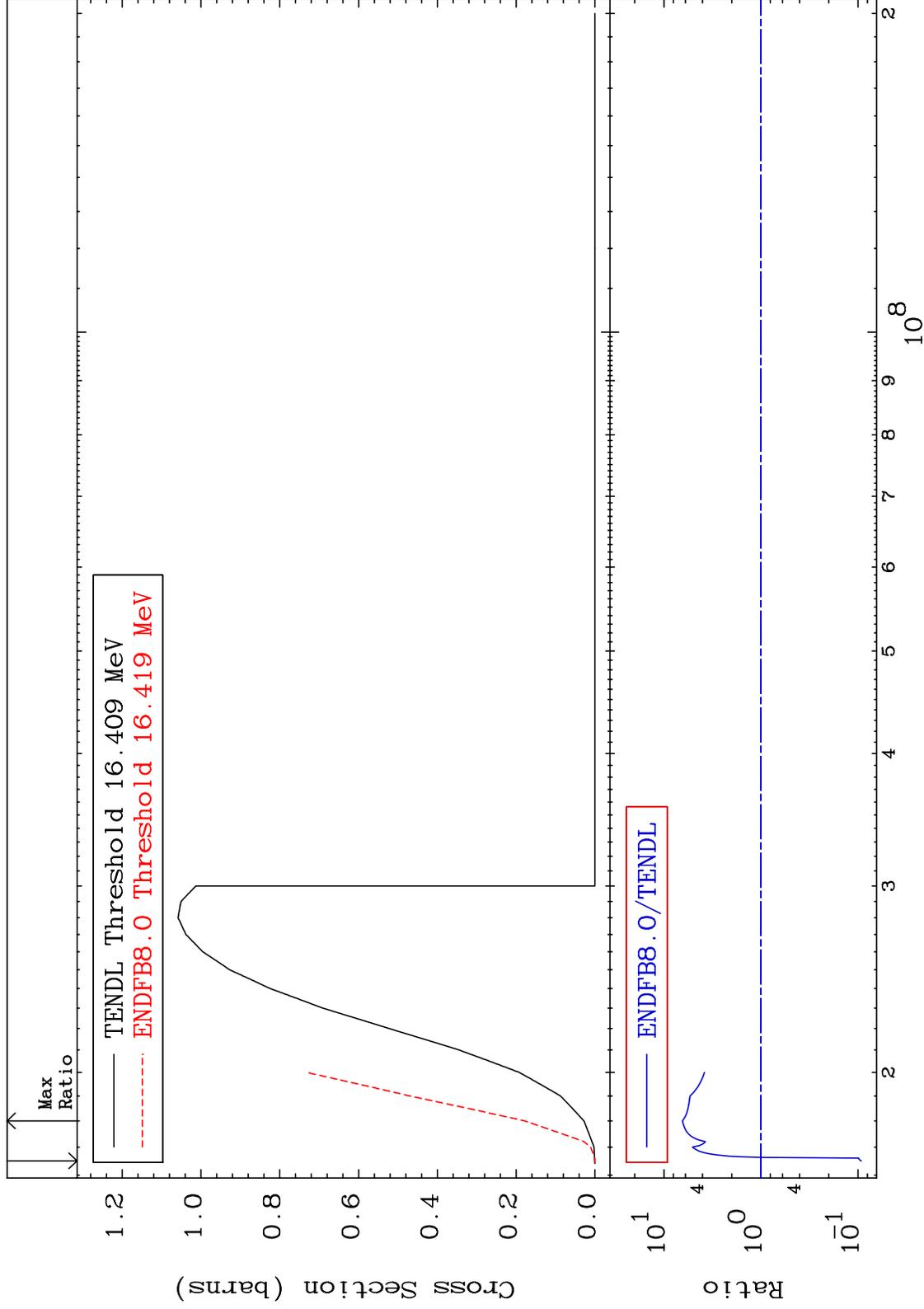
MAT 5043

(n,3n)

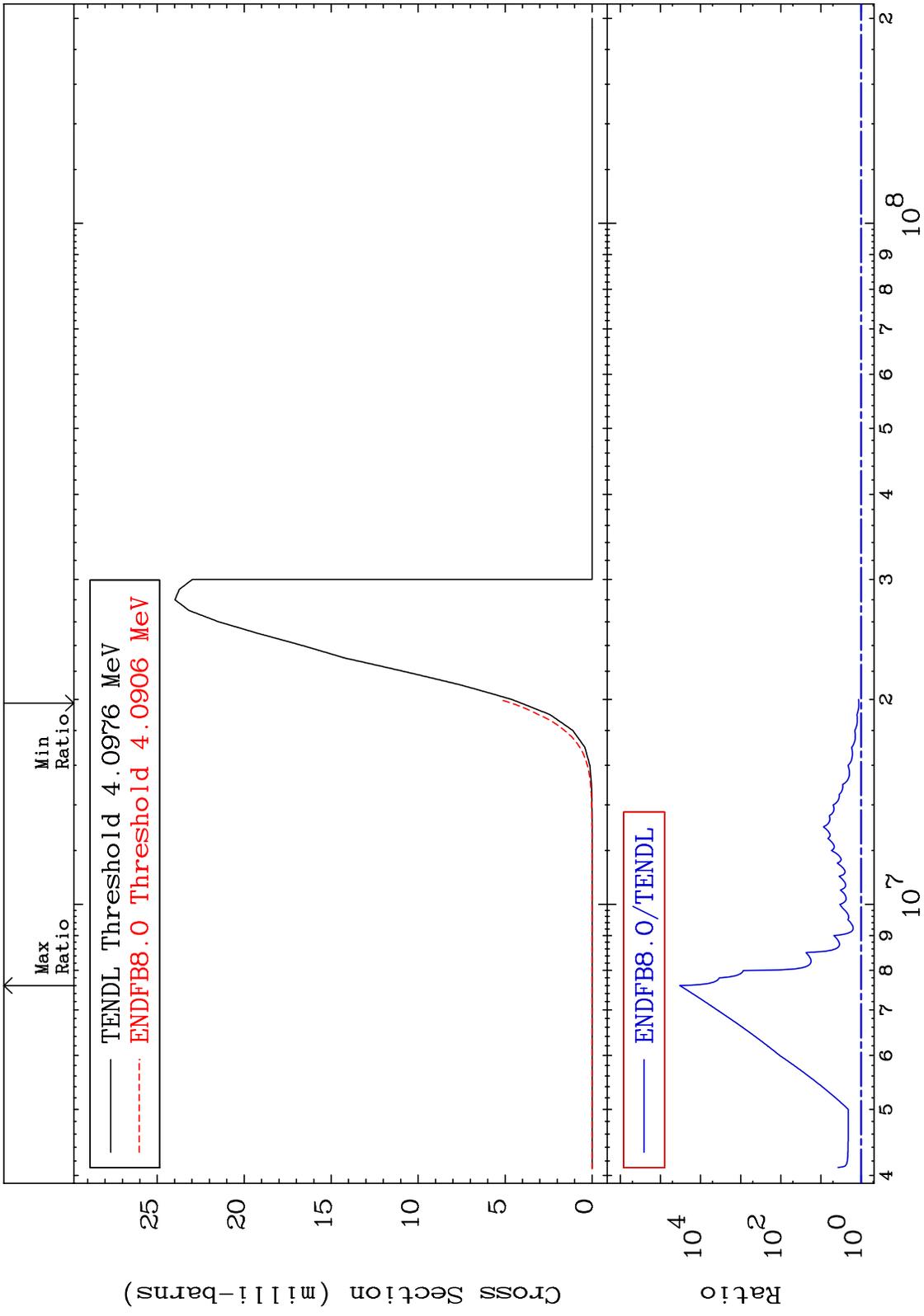
50-Sn-118

Cross Section

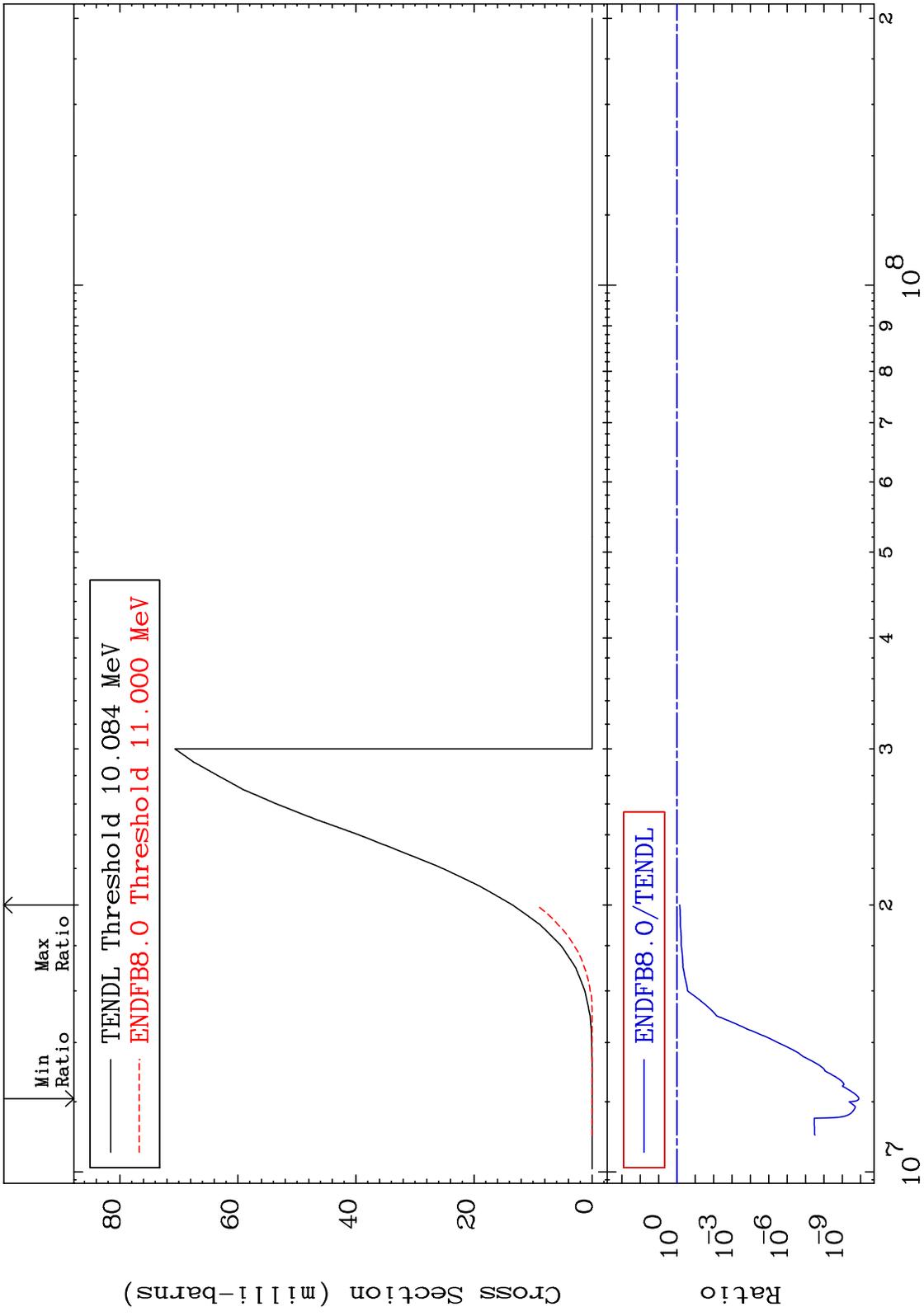
-90.77 To 545.1 %



MAT 5043  $(n, n') \alpha$  50-Sn-118  
 Cross Section 13.87 To 9999. %

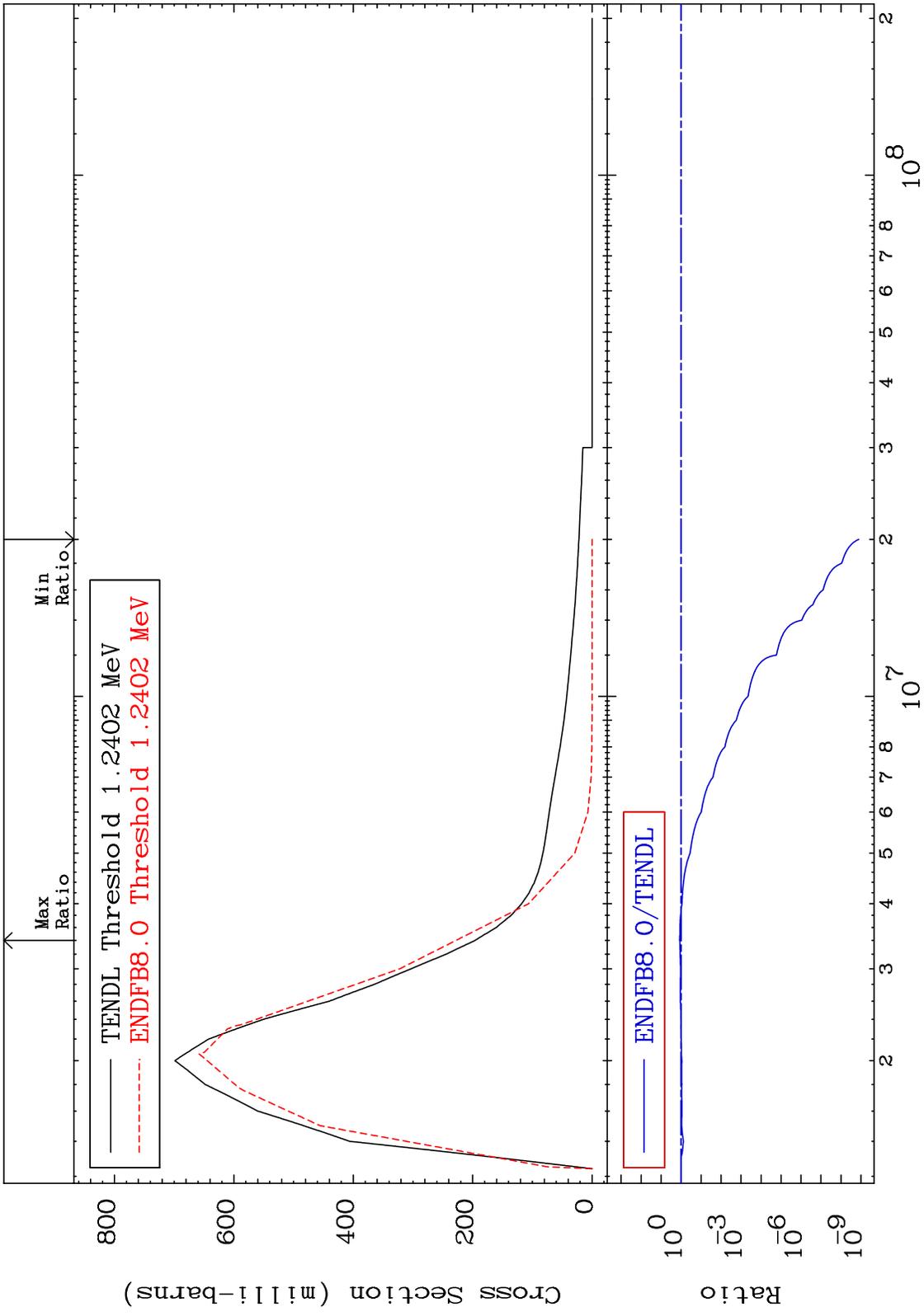


MAT 5043  $(n, n')$  p  $^{50}\text{Sn-118}$   
 Cross Section  $-100.0$  To  $-29.68\%$



$^{50}\text{Sn-118}$

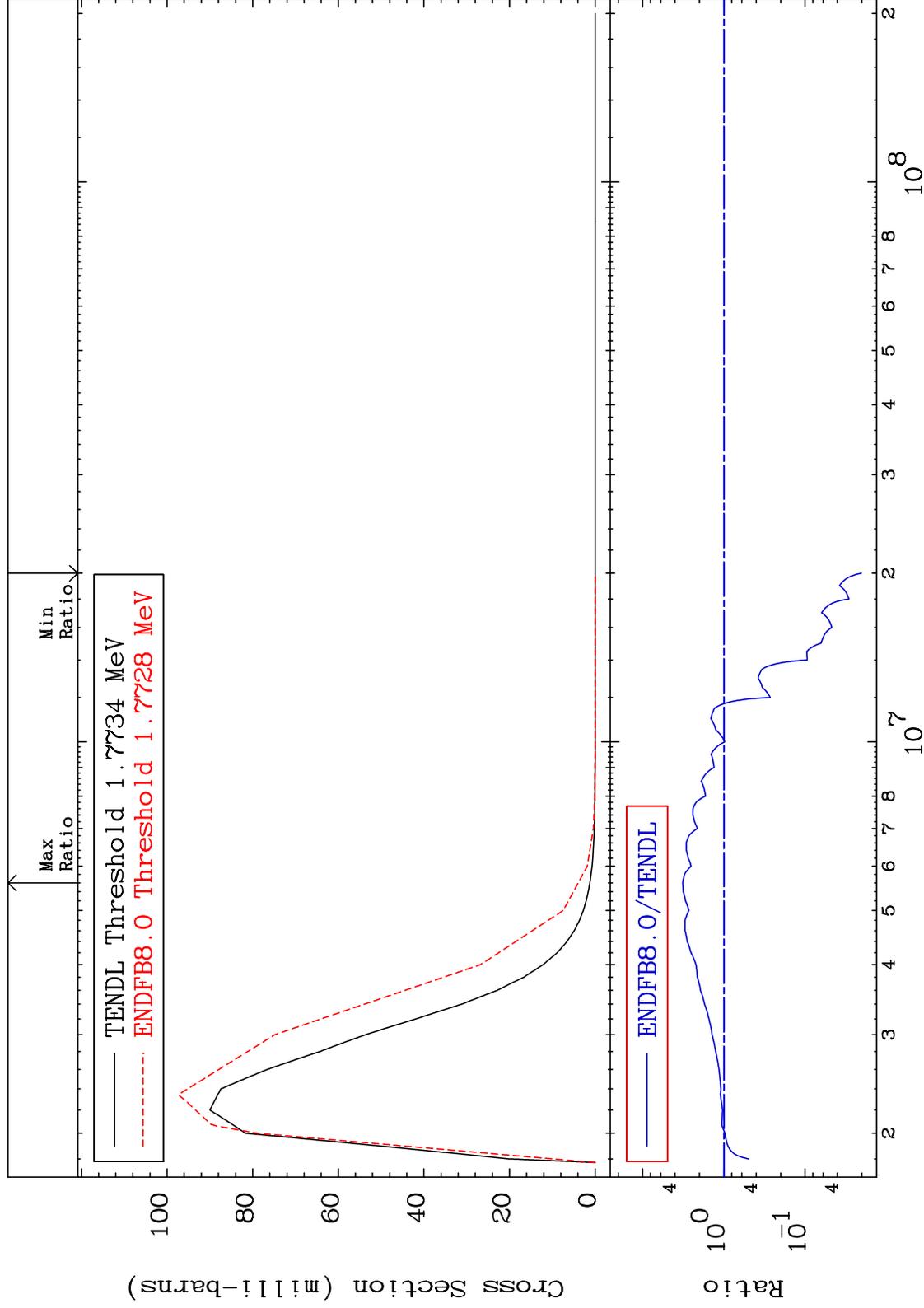
MAT 5043 MT= 51 (n,n') Level Cross Section 50-Sn-118  
 -100.0 To 16.38 %



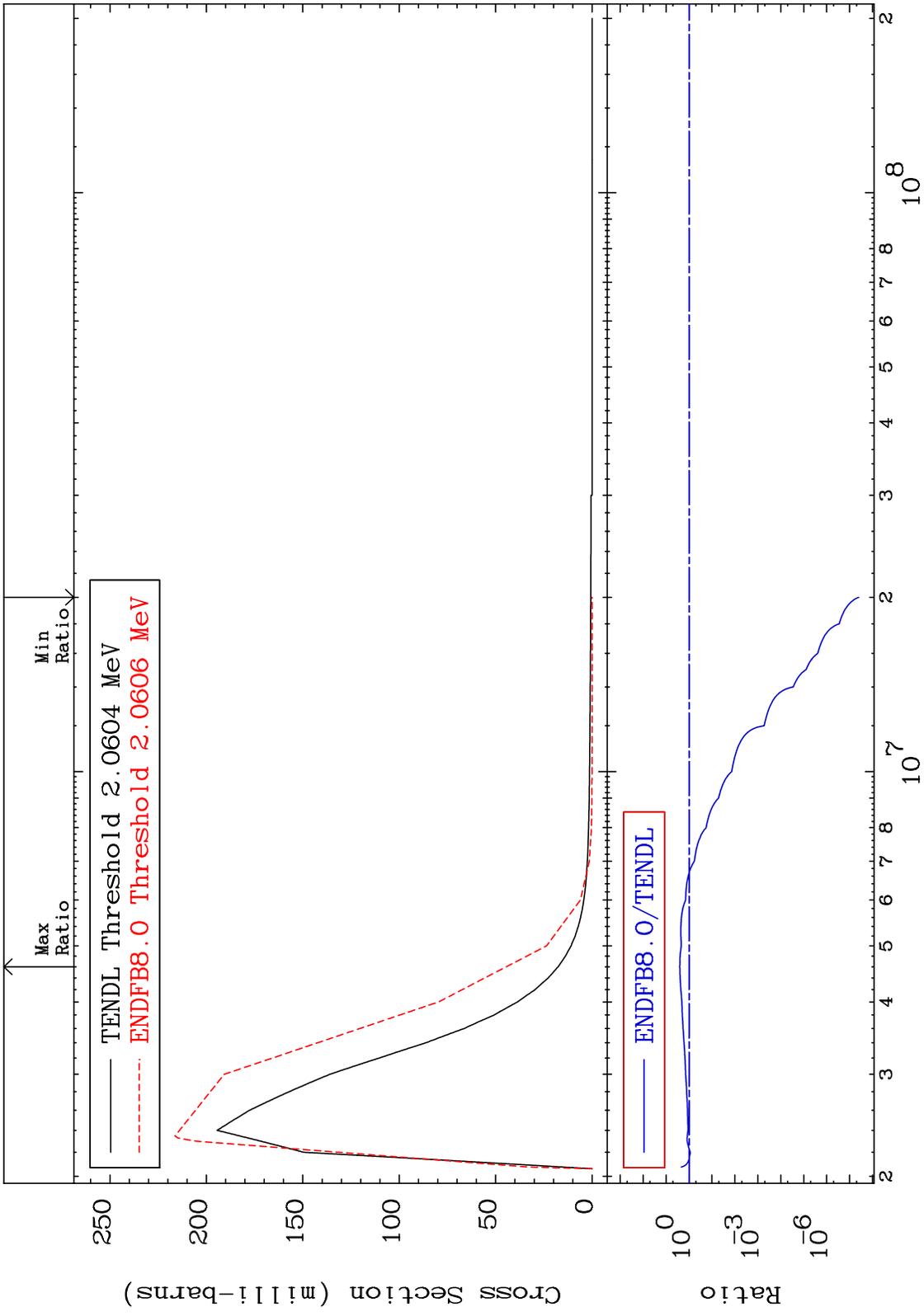
MAT 5043

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

50-Sn-118  
-97.98 To 221.8 %

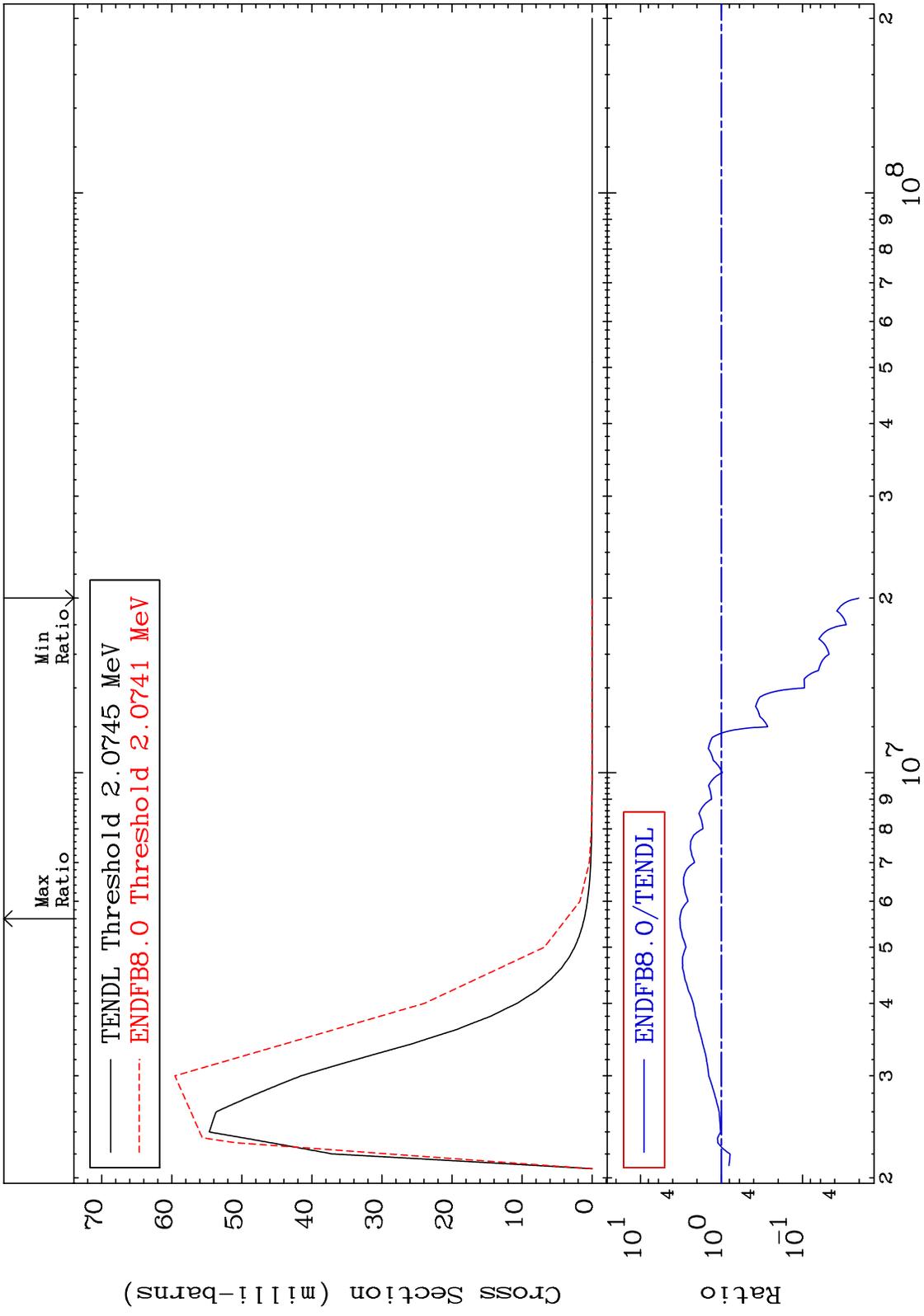


MAT 5043 MT= 53 (n,n') Level Cross Section 50-Sn-118  
 -100.0 To 152.7 %

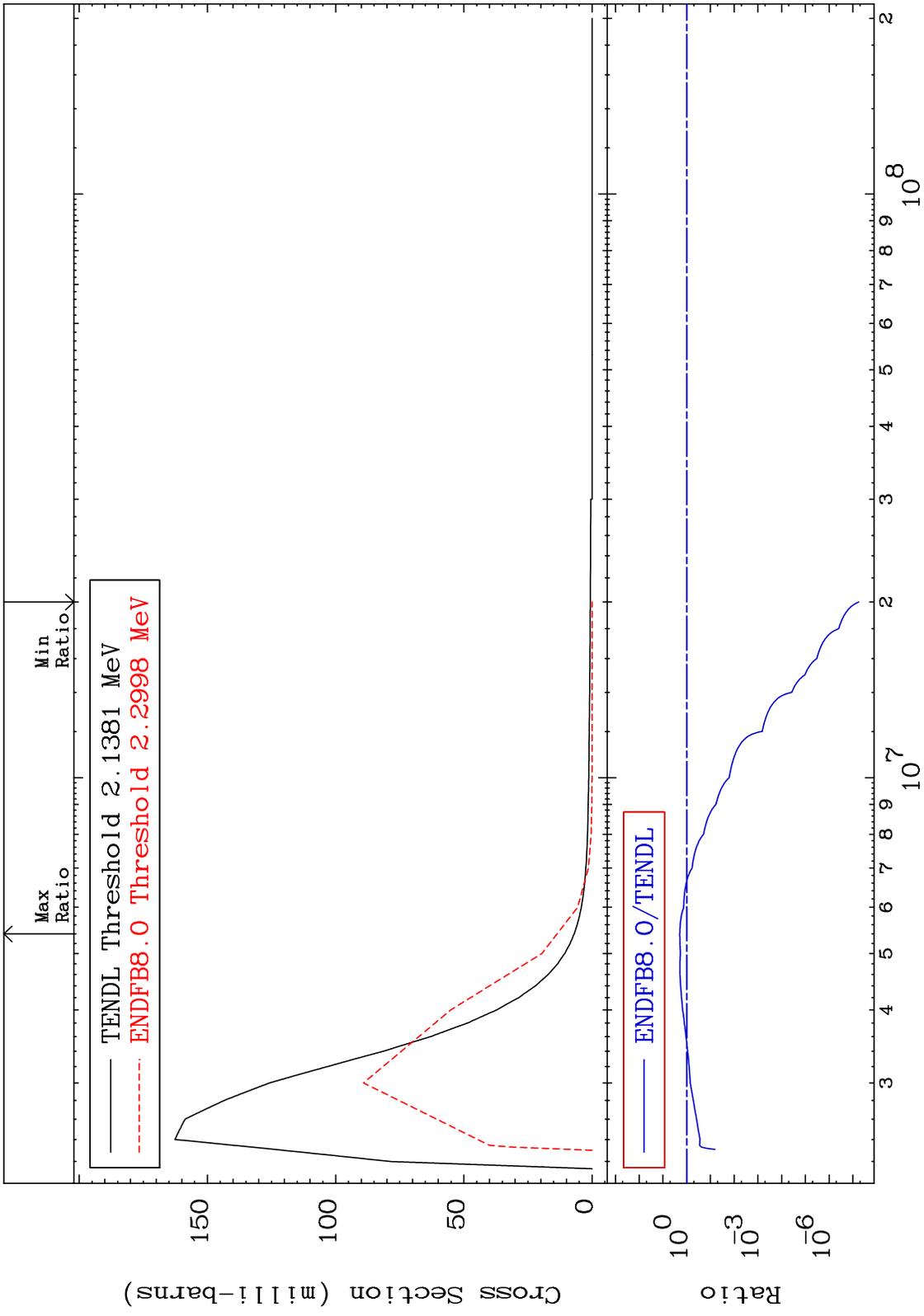


10 Incident Energy (eV) 50-Sn-118

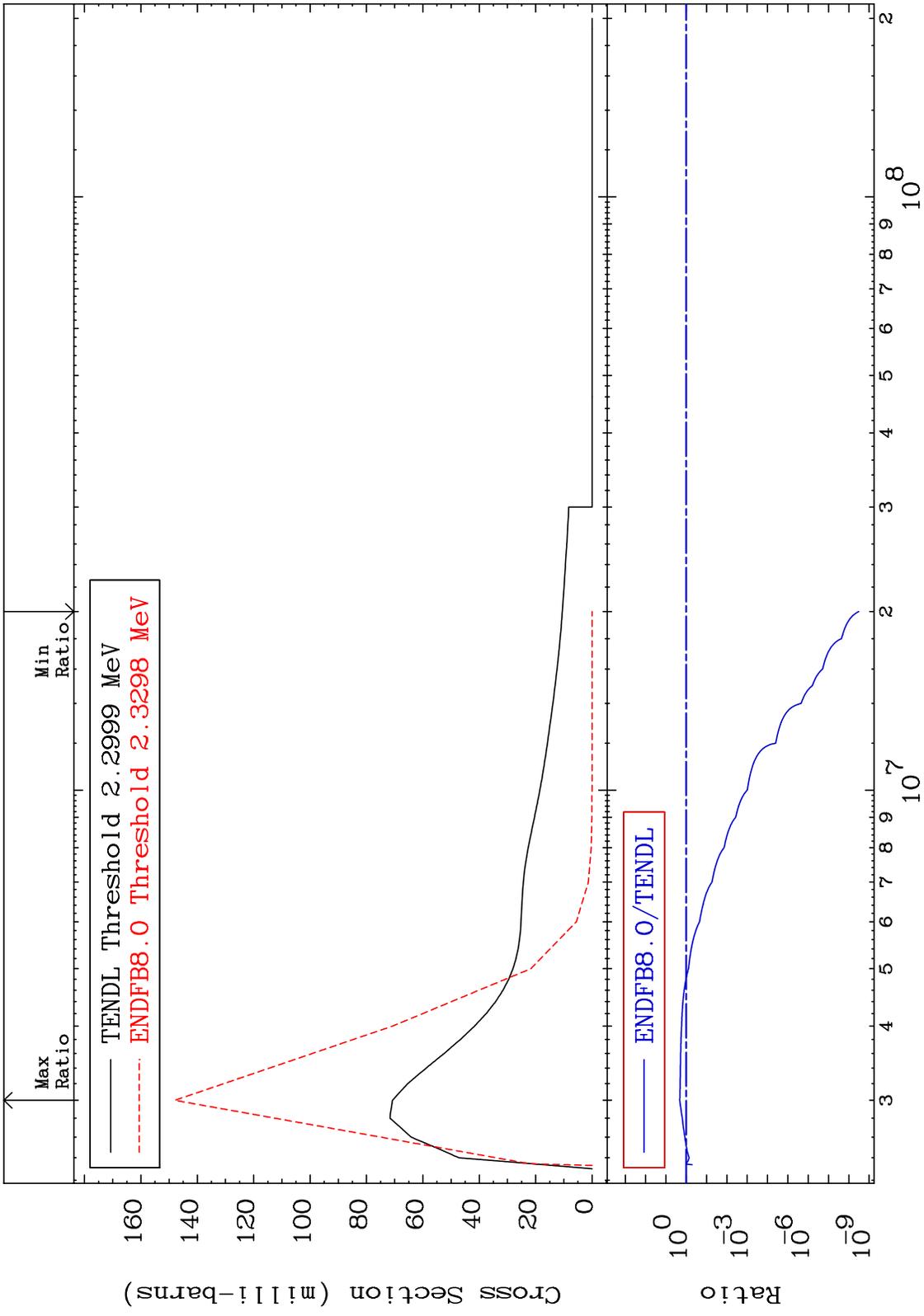
MAT 5043 MT= 54 (n,n') Level Cross Section 50-Sn-118 -97.98 To 227.1 %



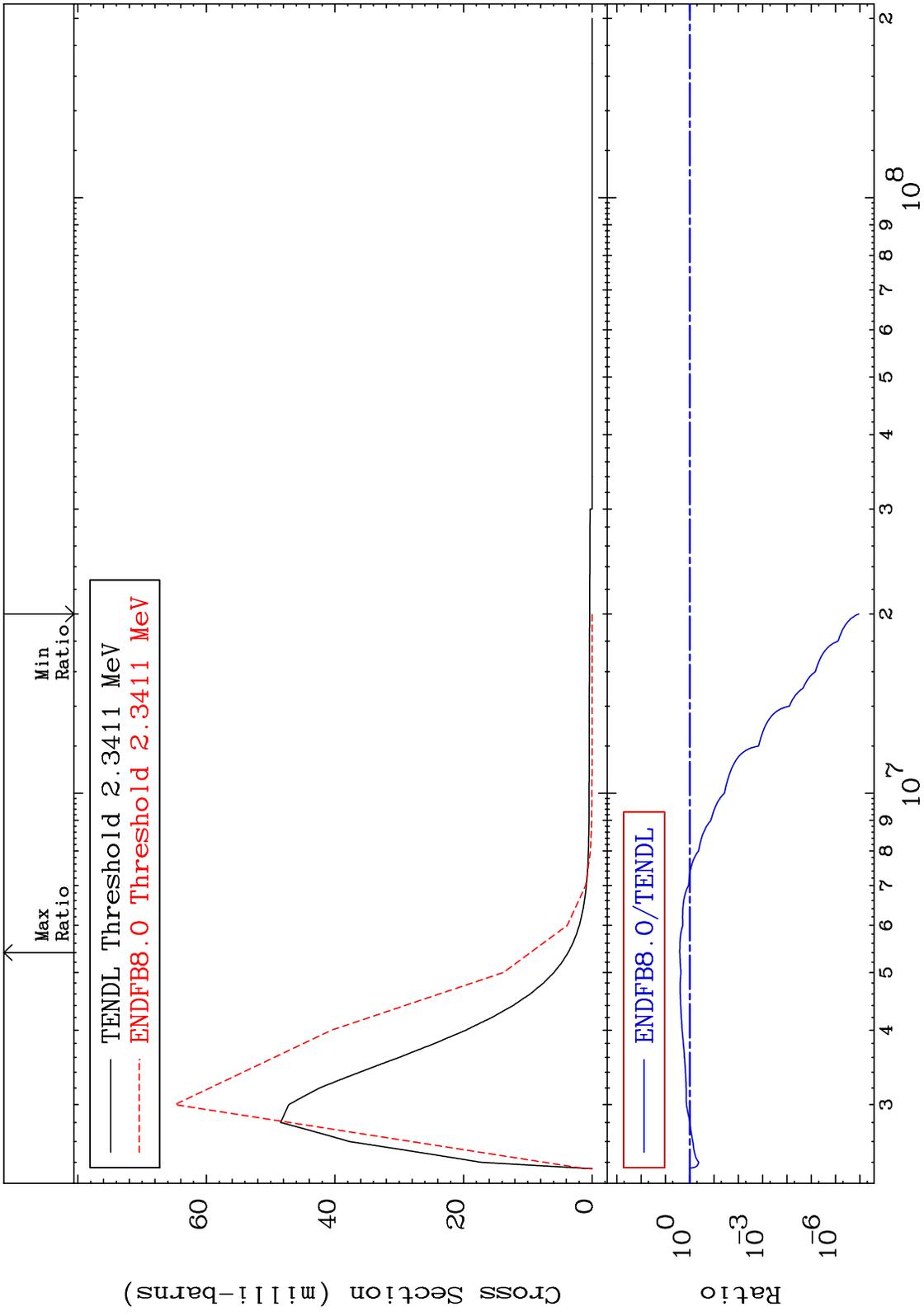
MAT 5043 MT= 55 (n,n') Level Cross Section 50-Sn-118  
 -100.0 To 95.66 %



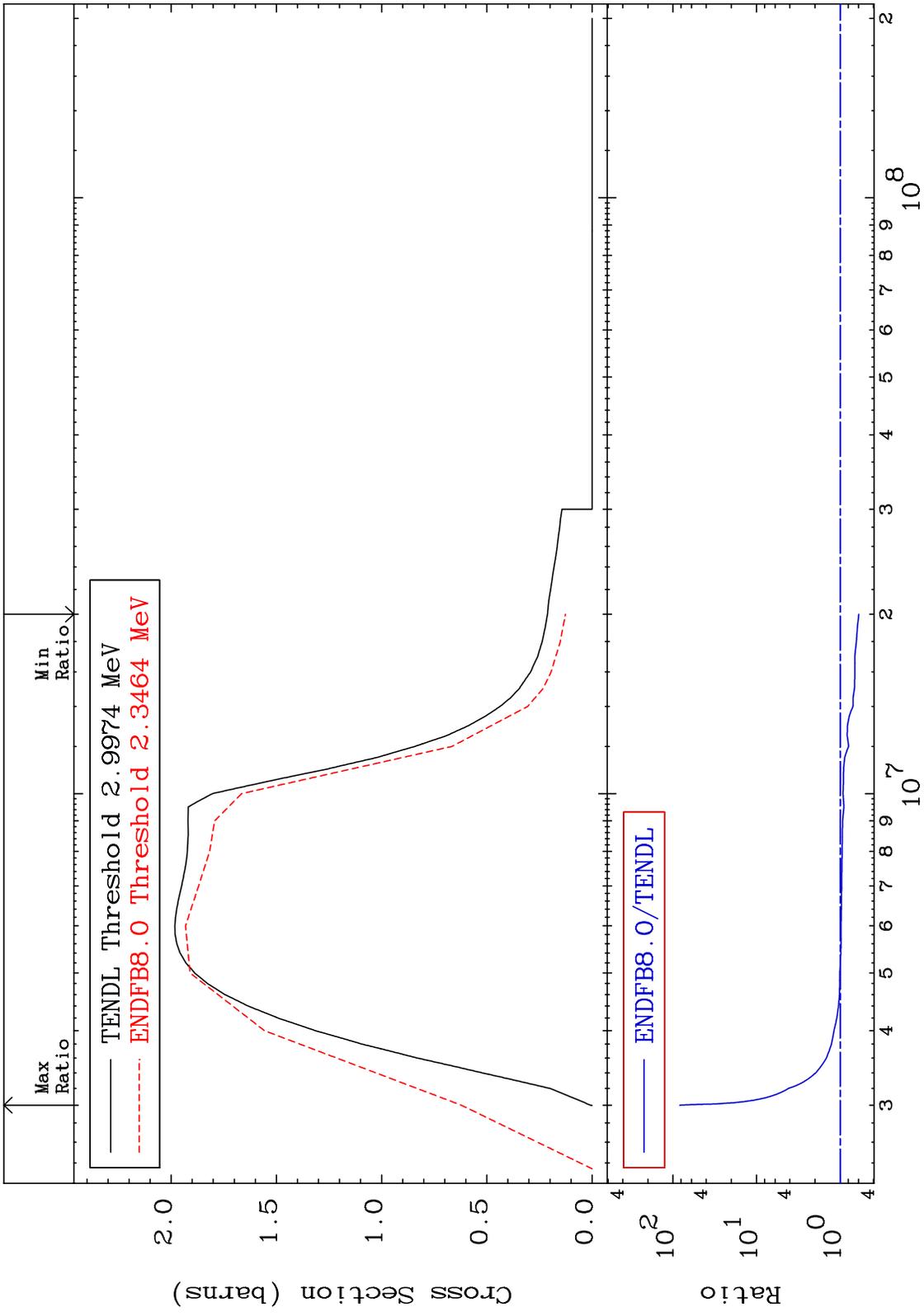
MAT 5043 MT= 56 (n,n') Level Cross Section 50-Sn-118  
 -100.0 To 109.0 %



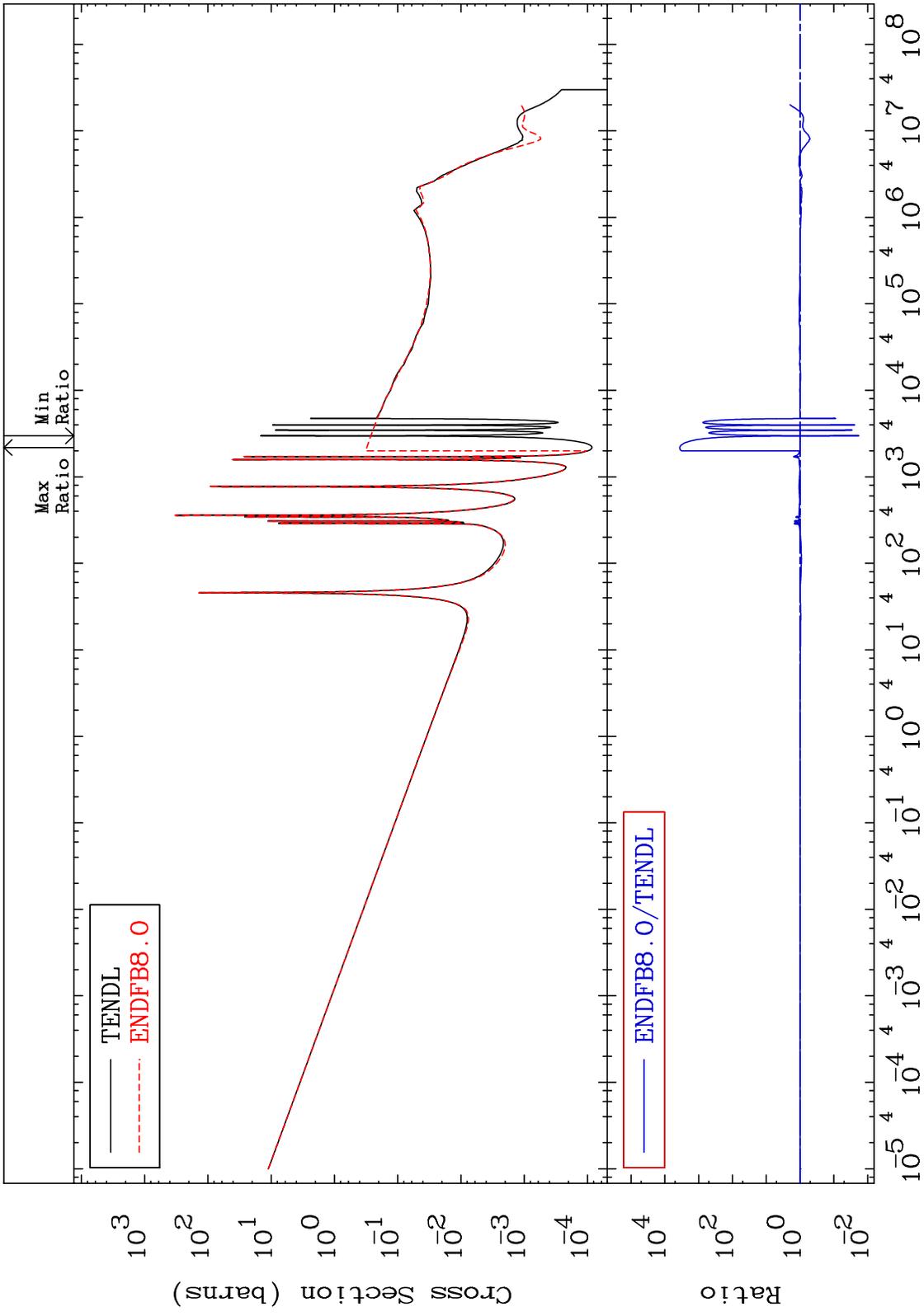
MAT 5043 MT= 57 (n,n') Level Cross Section 50-Sn-118  
 -100.0 To 157.6 %



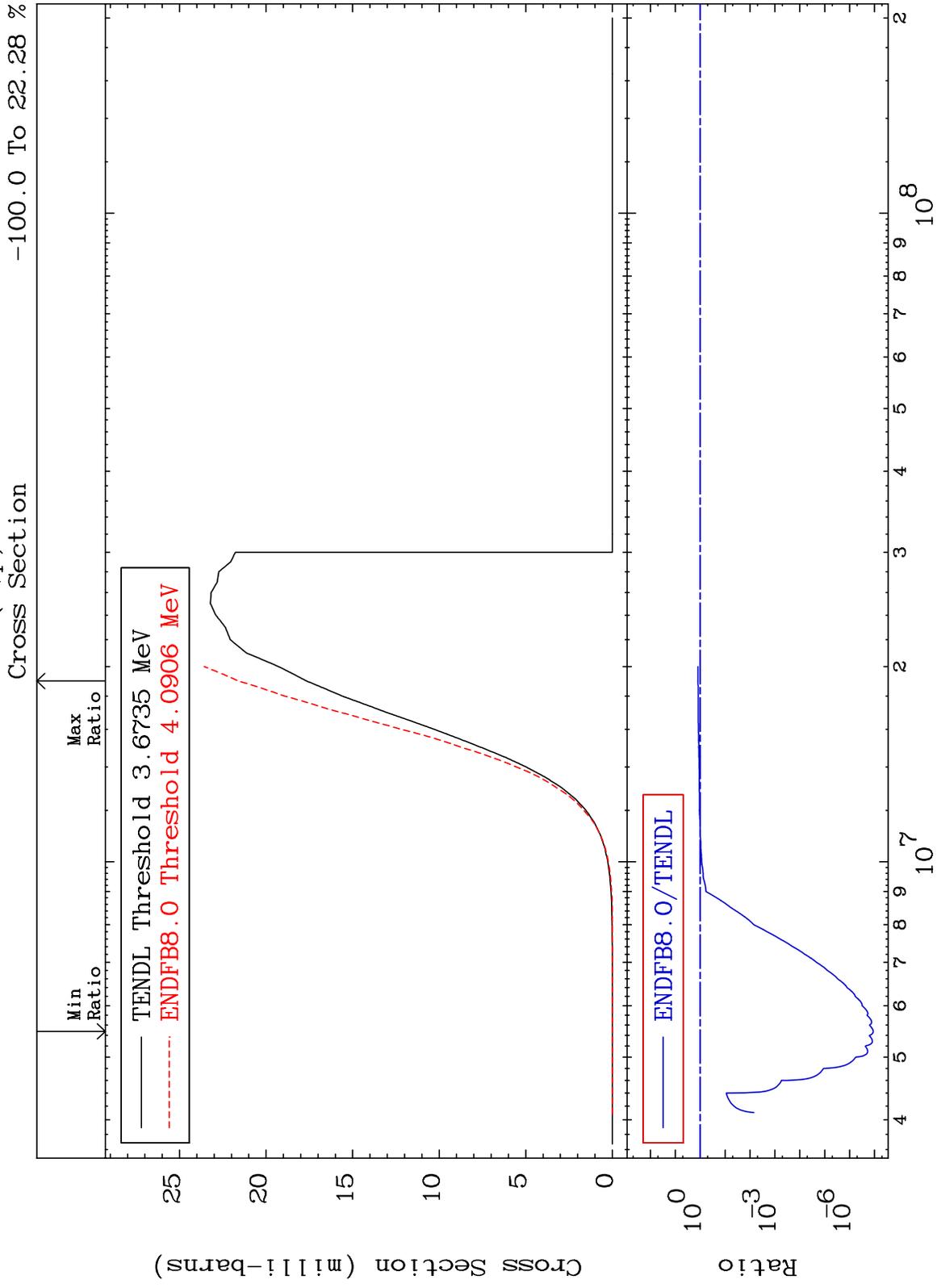
MAT 5043 (n,n') Continuum Cross Section 50-Sn-118 -40.30 To 8202. %



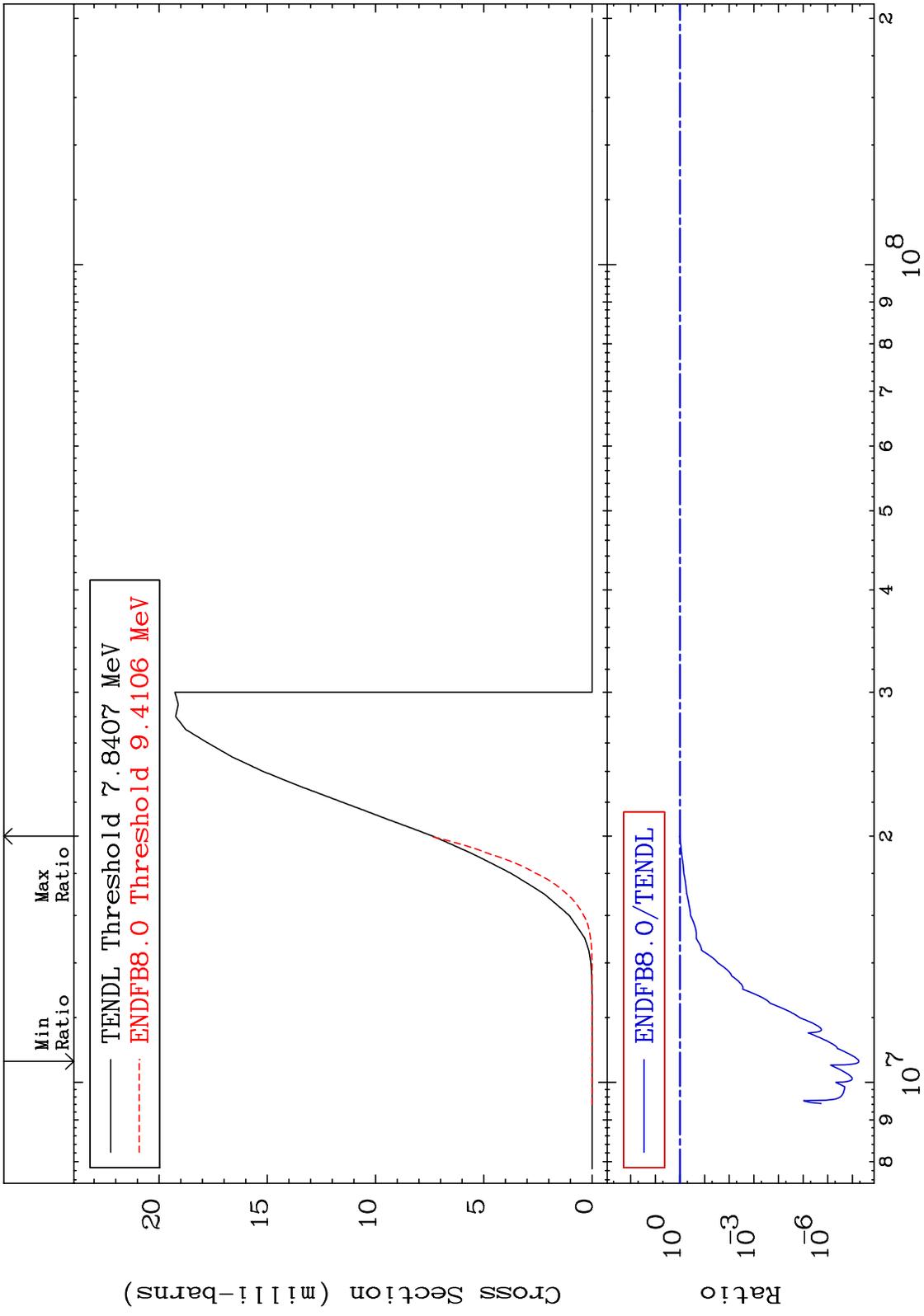
MAT 5043  $(n, \gamma)$  Cross Section 50-Sn-118 -98.18 To 9999. %



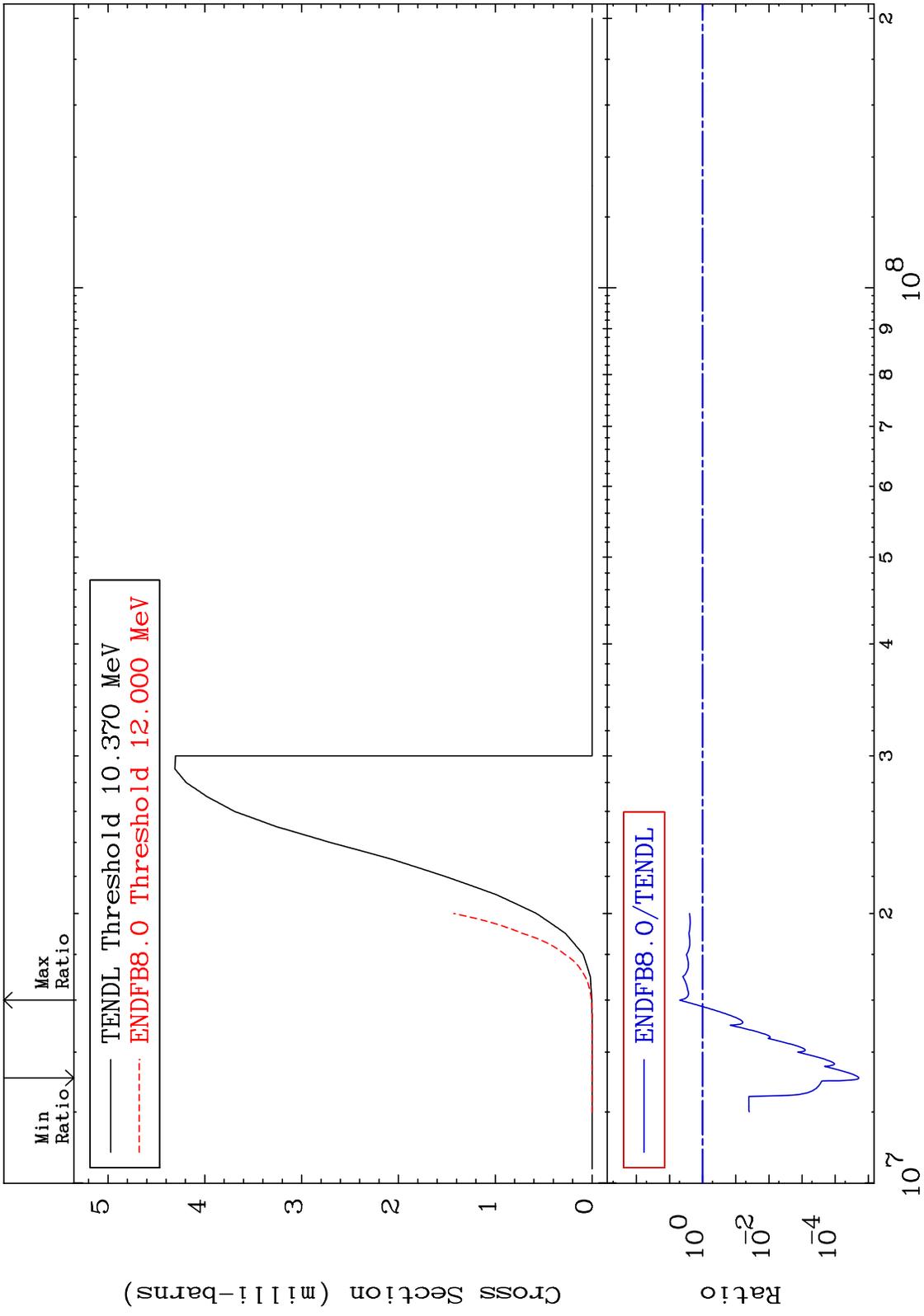
MAT 5043 (n,p) 50-Sn-118 -100.0 To 22.28 %



MAT 5043 (n,d) 50-Sn-118  
 -100.0 To 1.842 %  
 Cross Section



MAT 5043 (n,t) 50-Sn-118  
 Cross Section -100.0 To 391.1 %



19 50-Sn-118

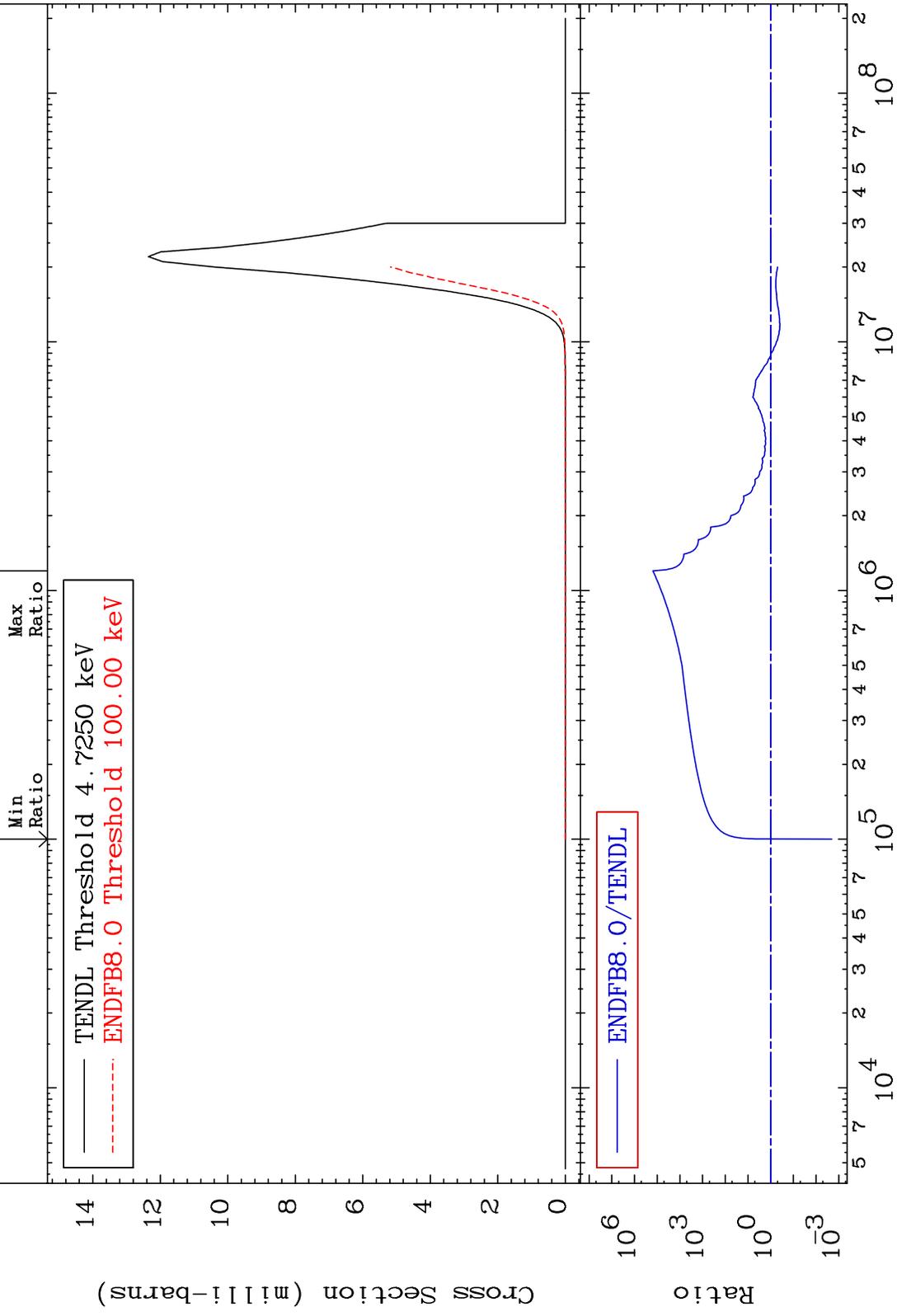
MAT 5043

(n,  $\alpha$ )

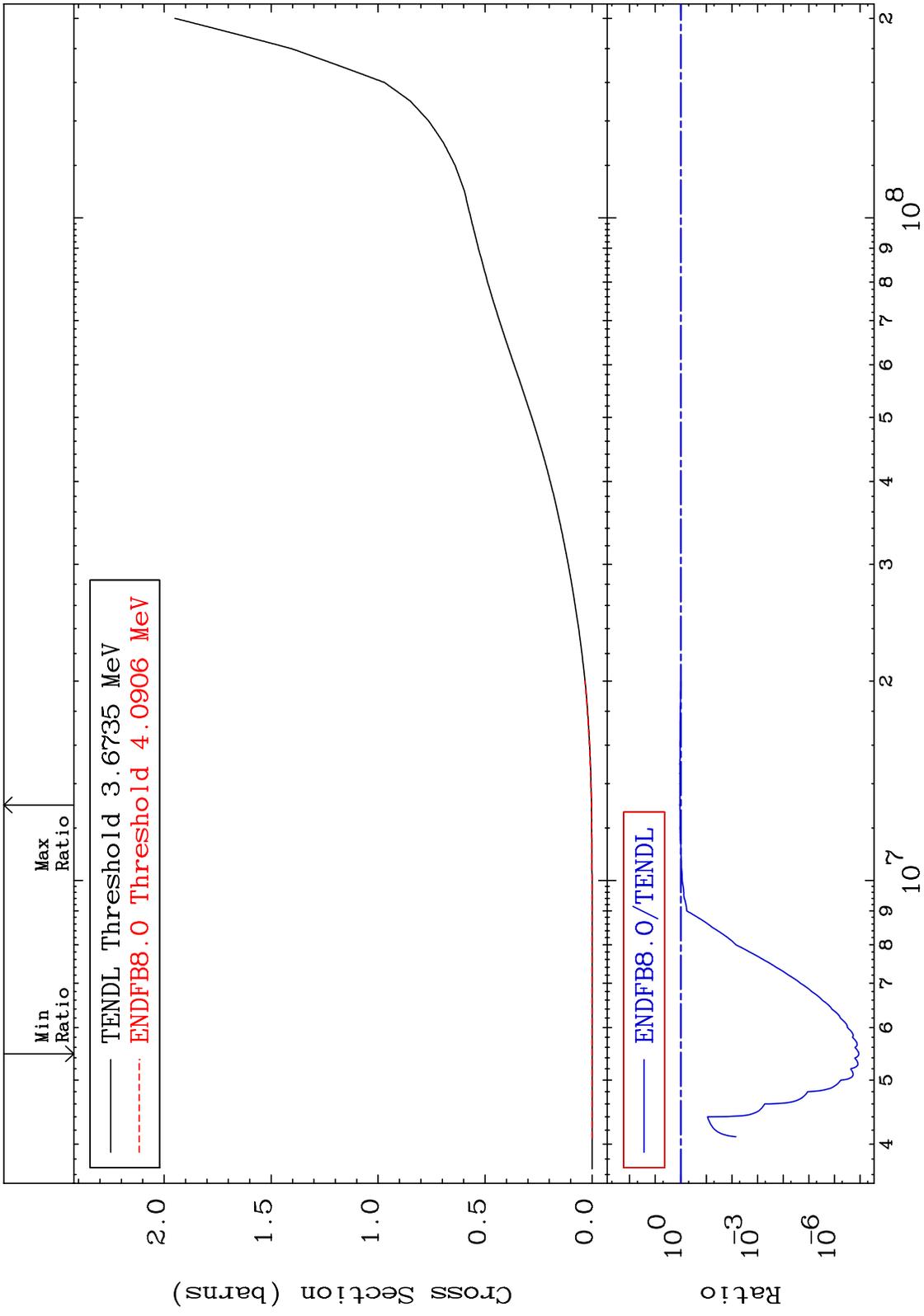
50-Sn-118

-99.80 To 9999. %

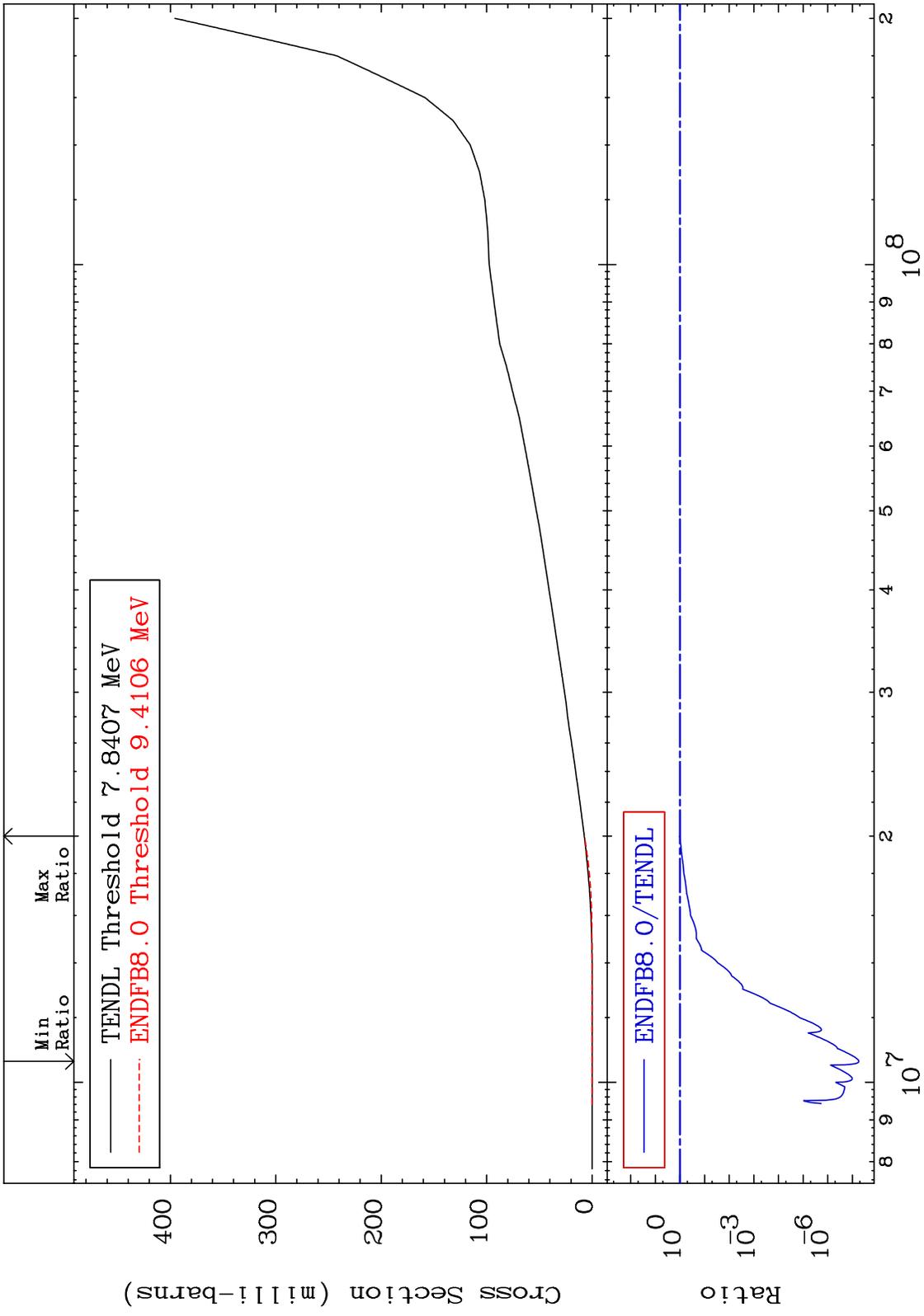
Cross Section



MAT 5043 Hydrogen Production Cross Section 50-Sn-118  
 -100.0 To 10.31 %



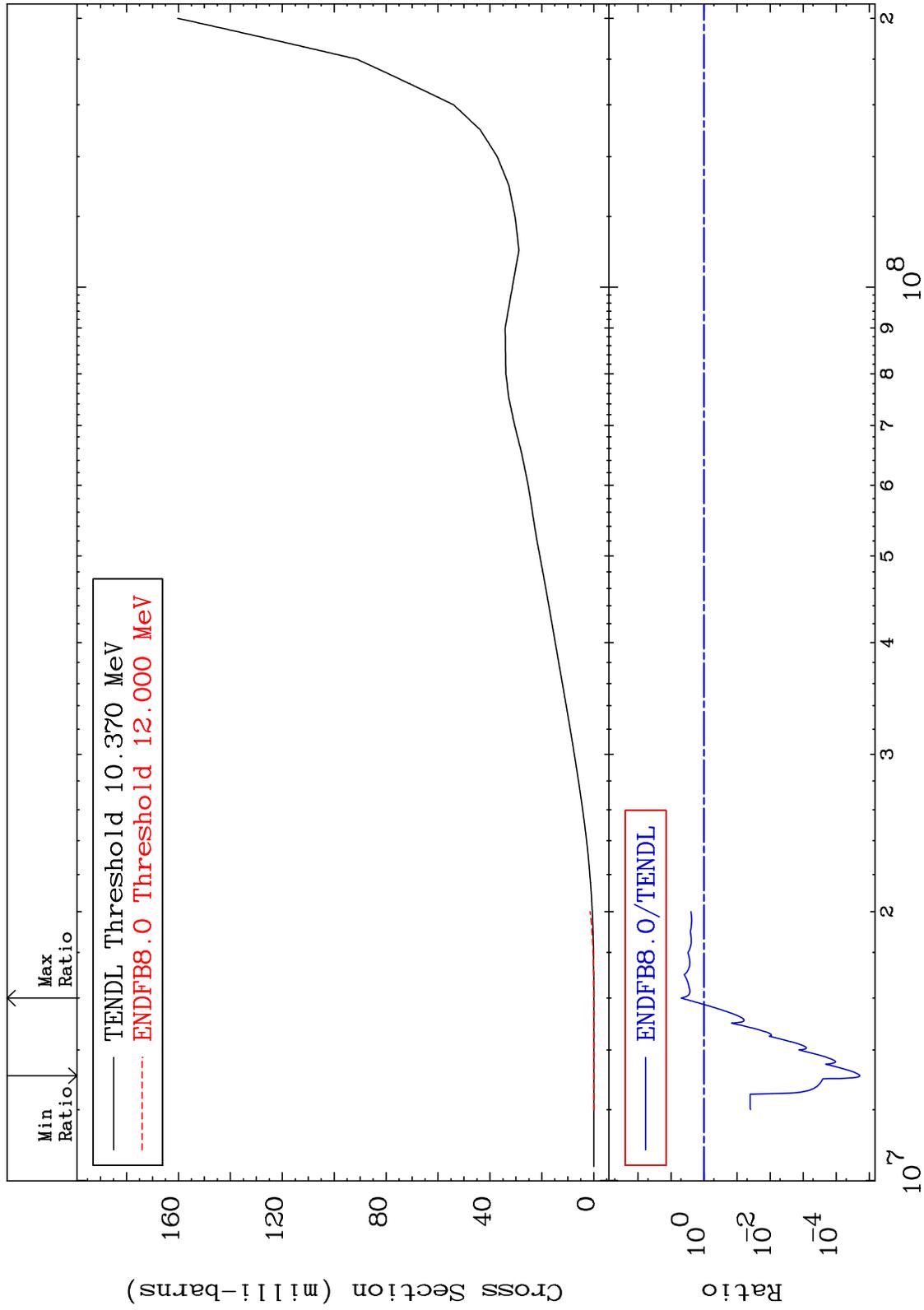
MAT 5043 Deuterium Production Cross Section 50-Sn-118 -100.0 To 1.842 %



MAT 5043

Tritium Production  
Cross Section

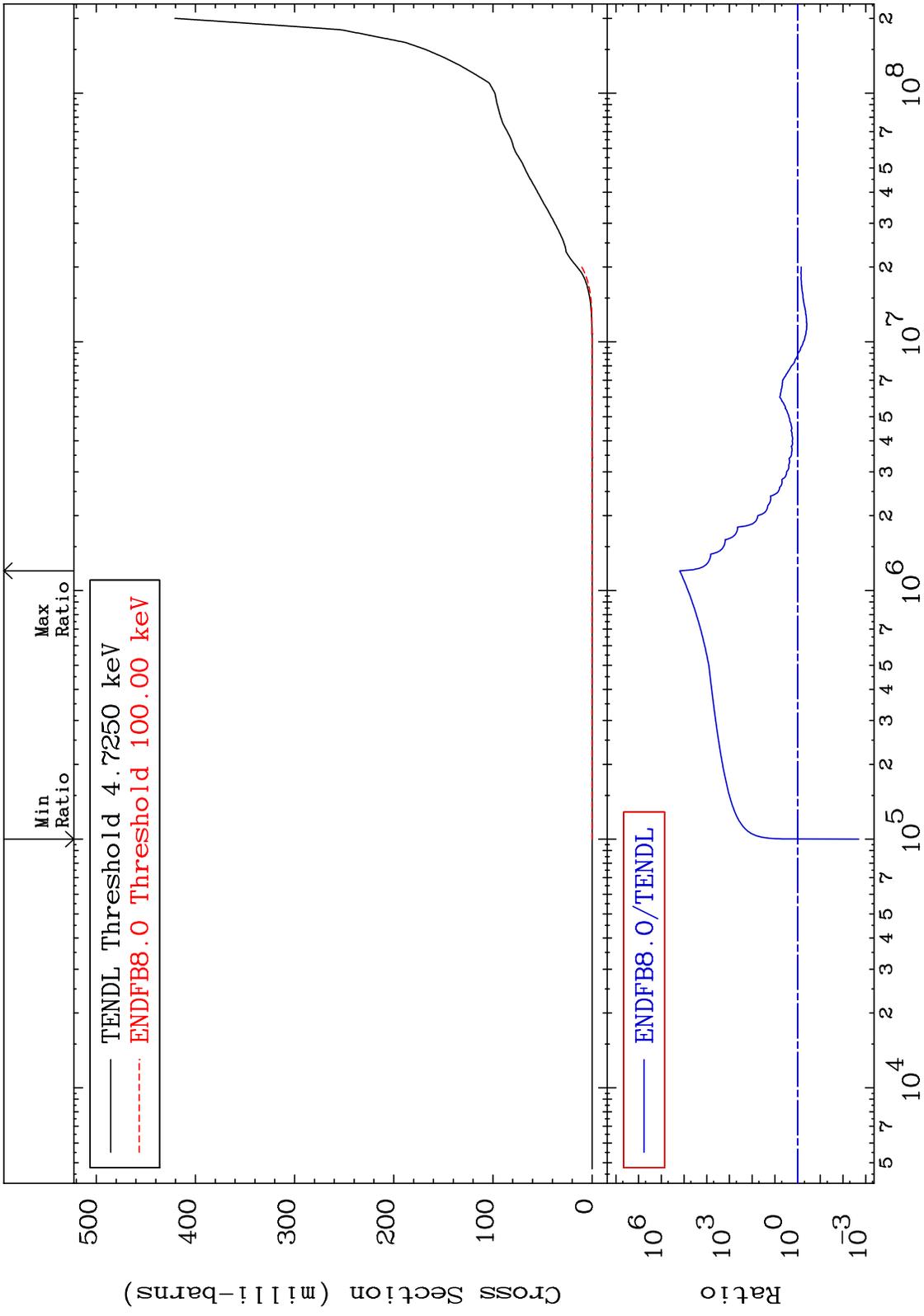
50-Sn-118  
-100.0 To 391.1 %



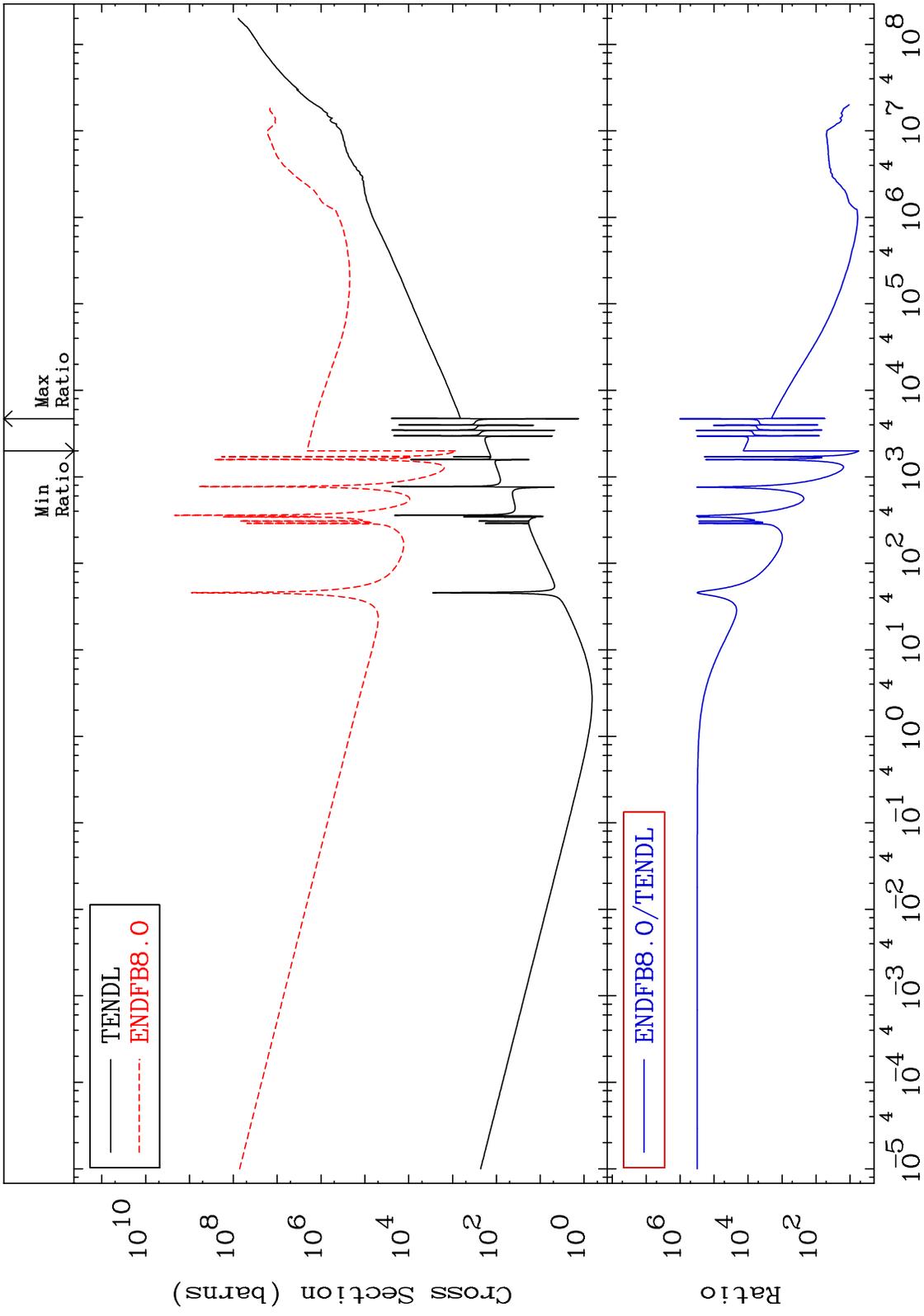
23

Incident Energy (eV)

50-Sn-118



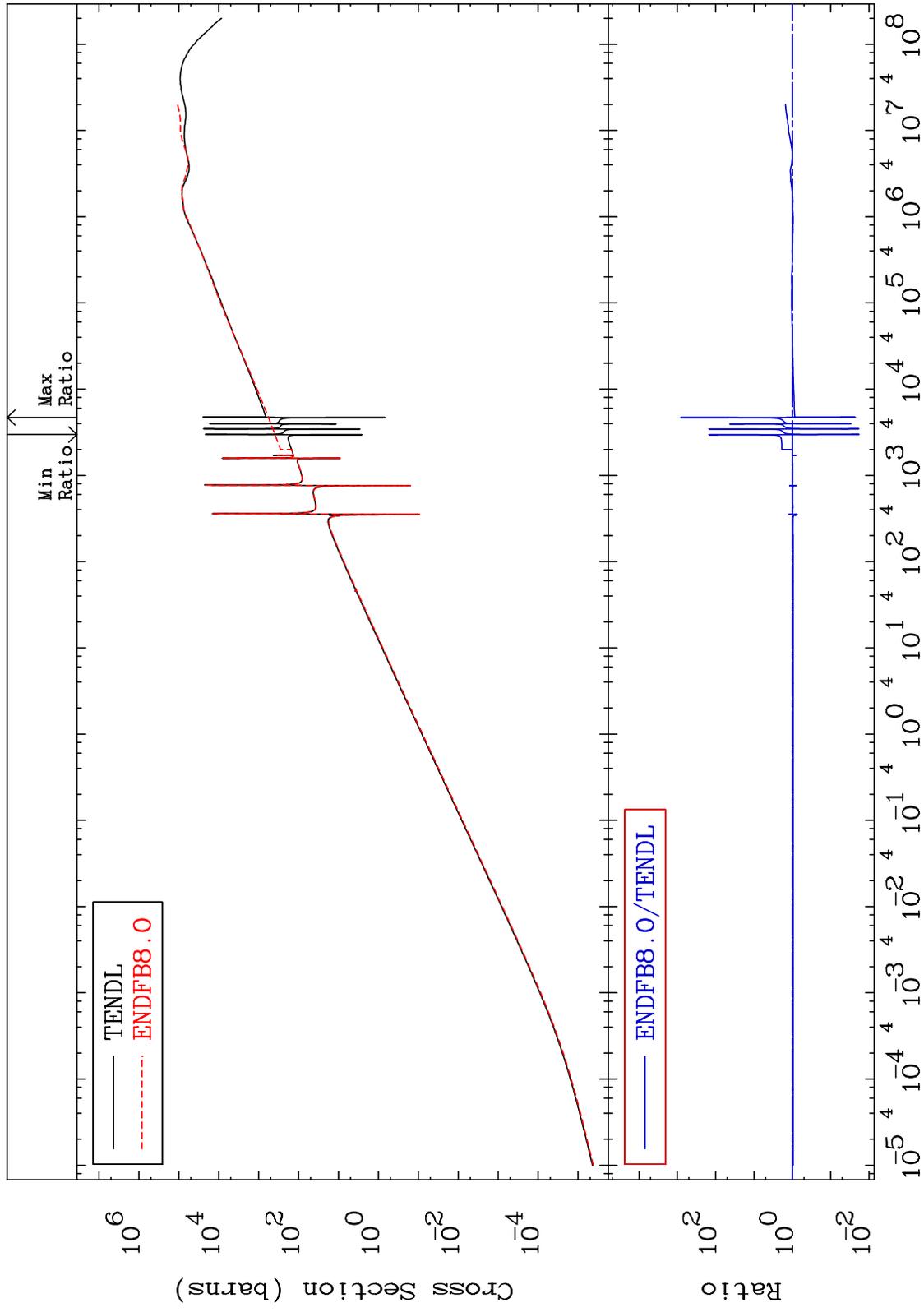
MAT 5043      Kerma total (eV-barns)      50-Sn-118  
 Cross Section      450.2 To 9999. %



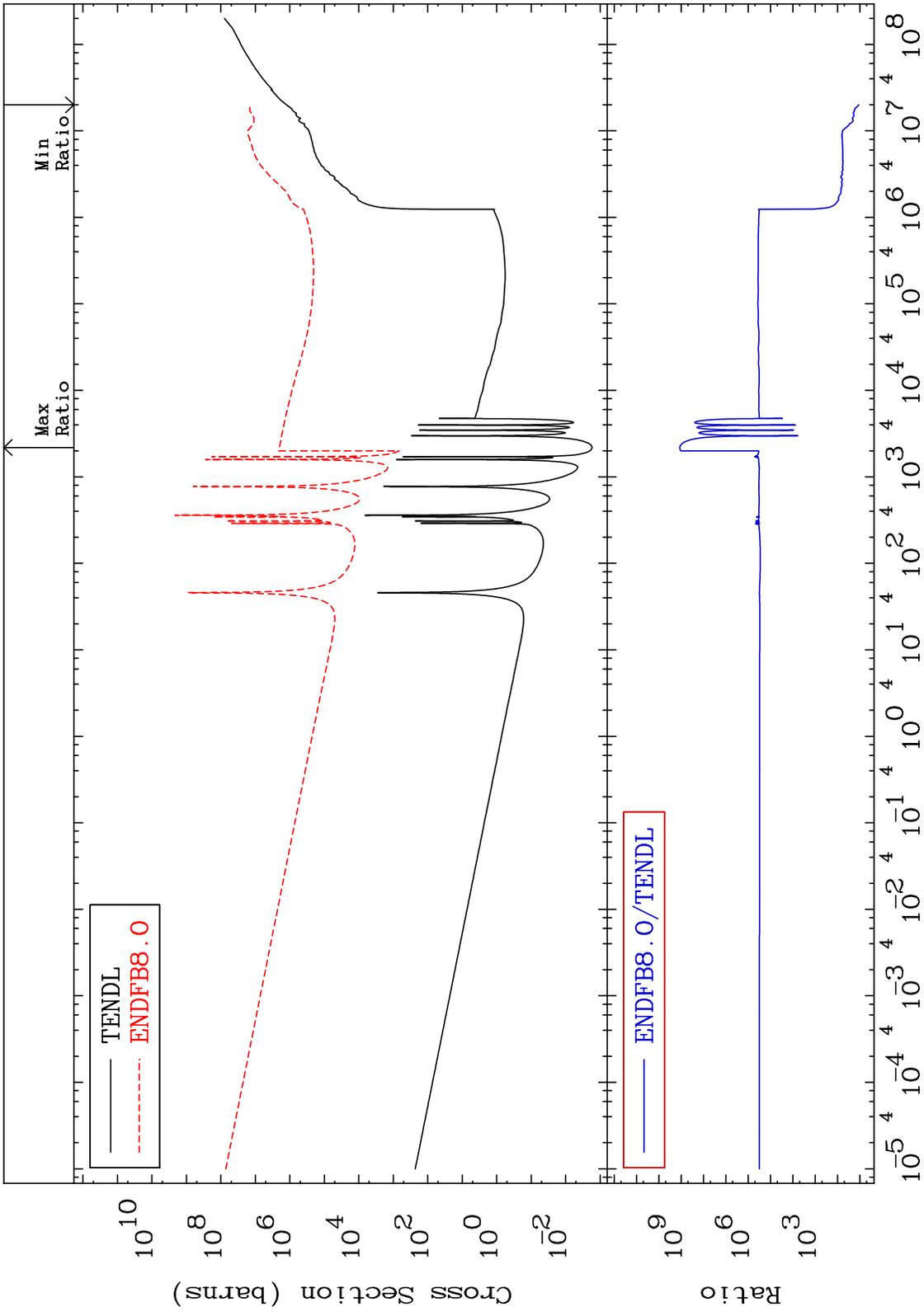
MAT 5043

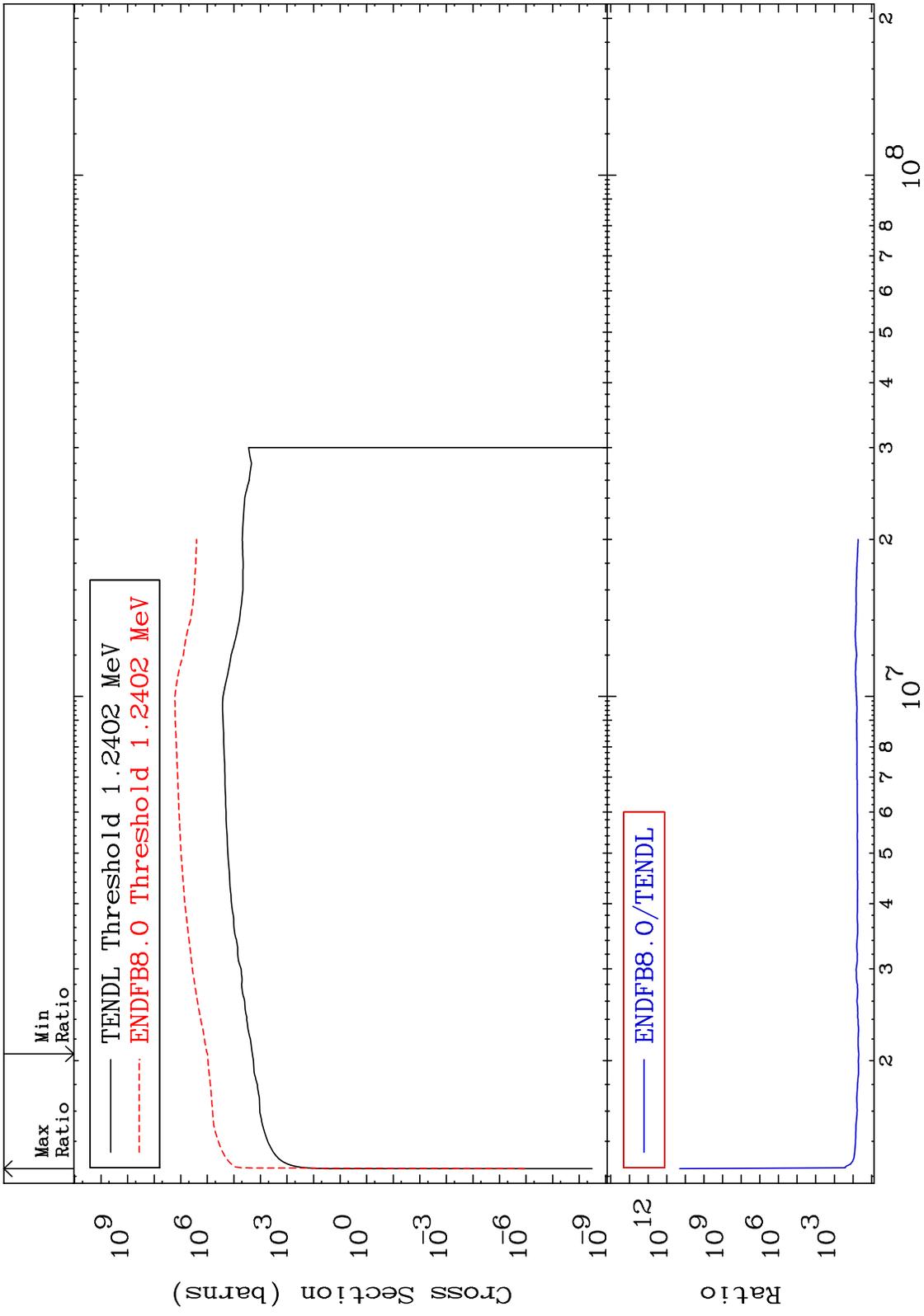
Kerma elastic  
Cross Section

50-Sn-118  
-98.17 To 9999. %



MAT 5043      Kerma non-elastic (all but mt2)      50-Sn-118  
 Cross Section      1013. To 9999. %

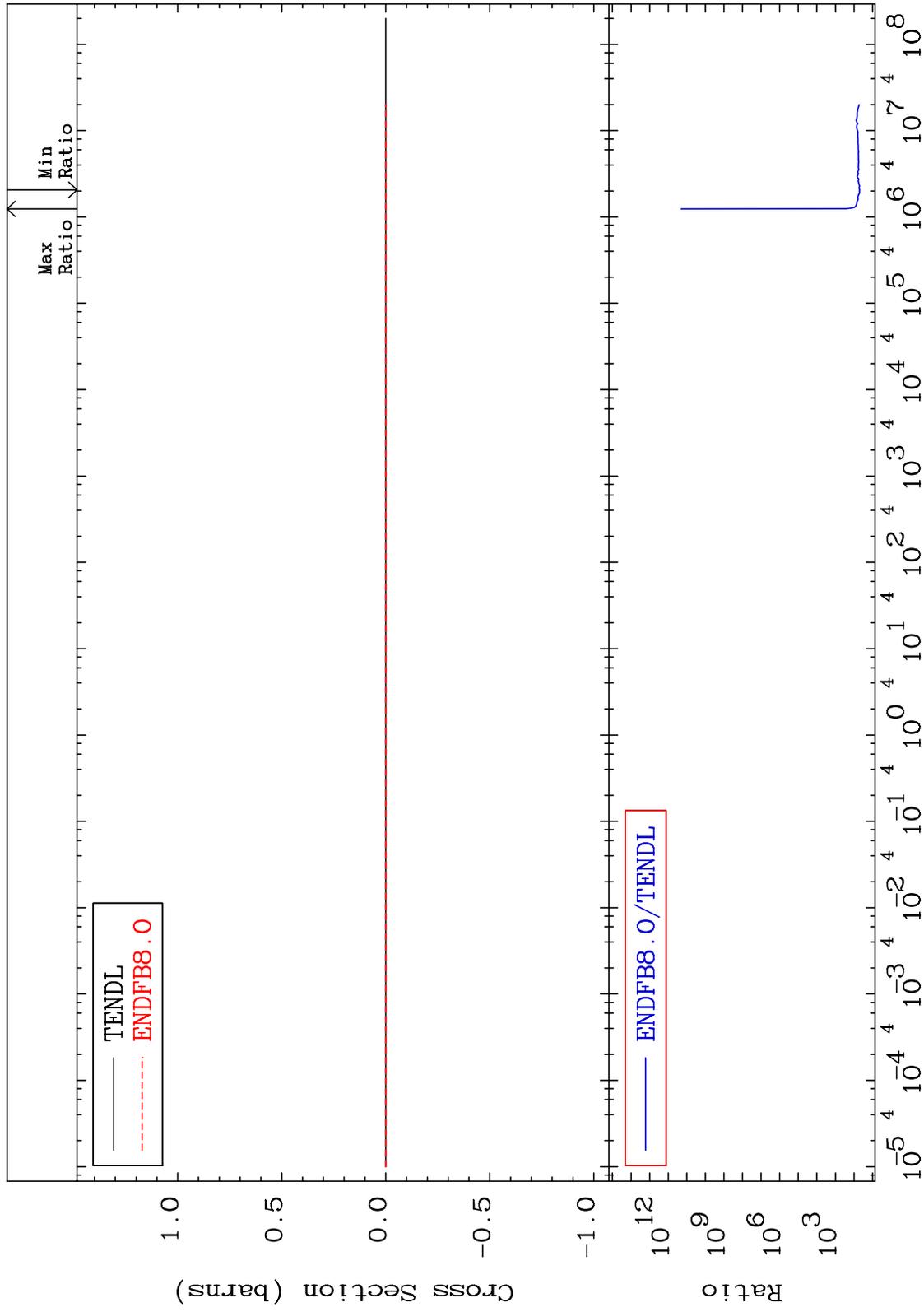




MAT 5043

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

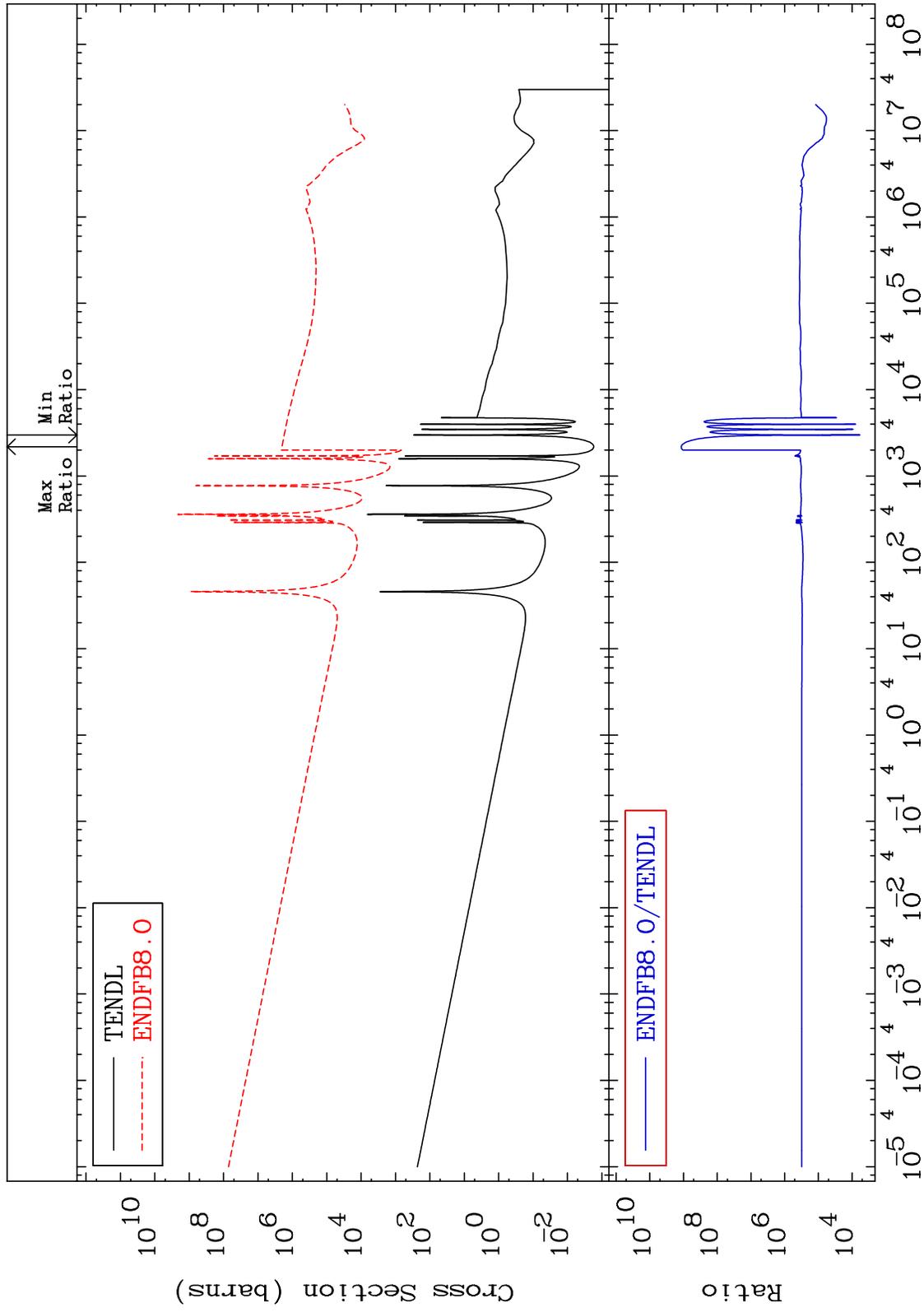
50-Sn-118  
4765. To 9999. %

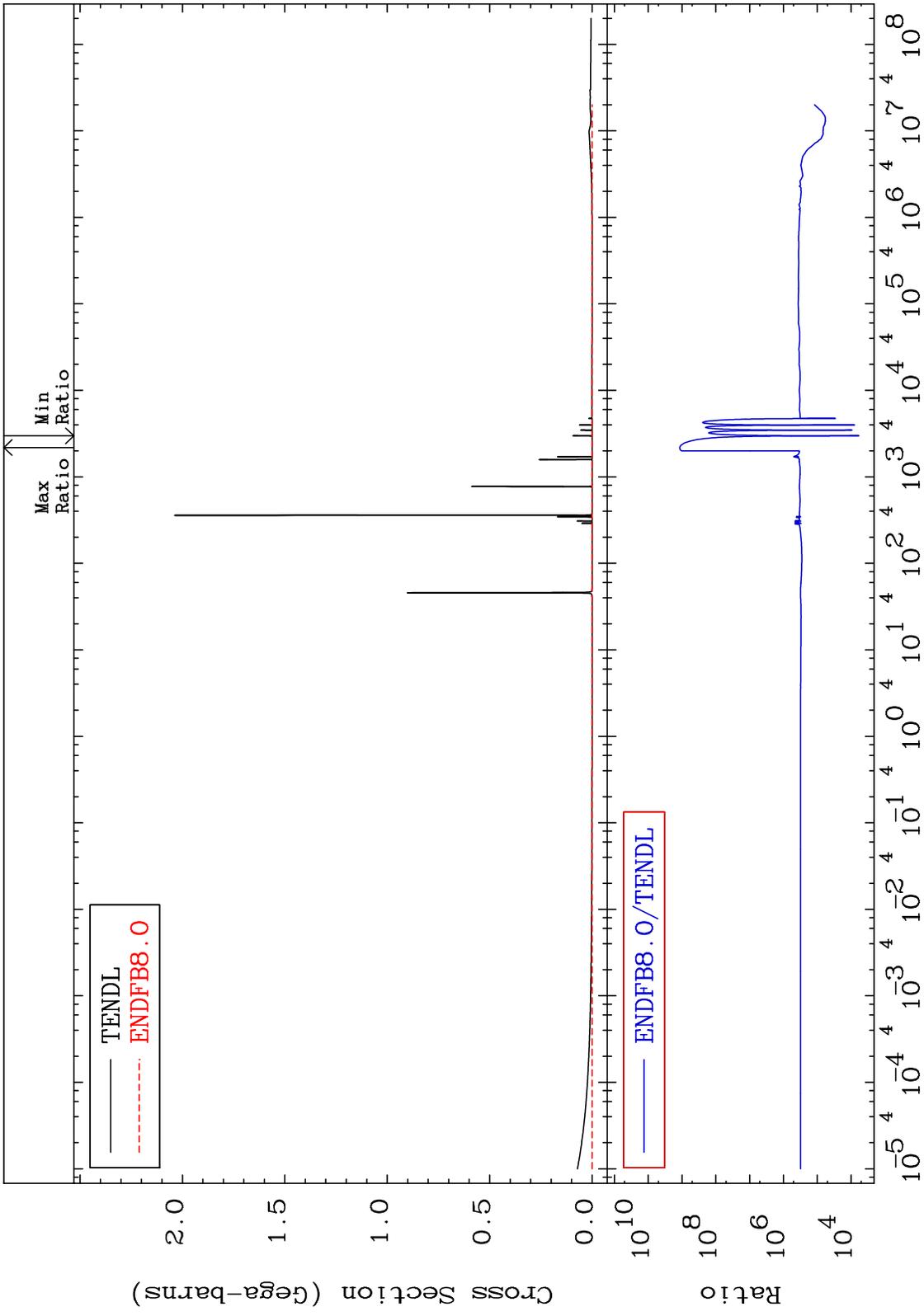


MAT 5043

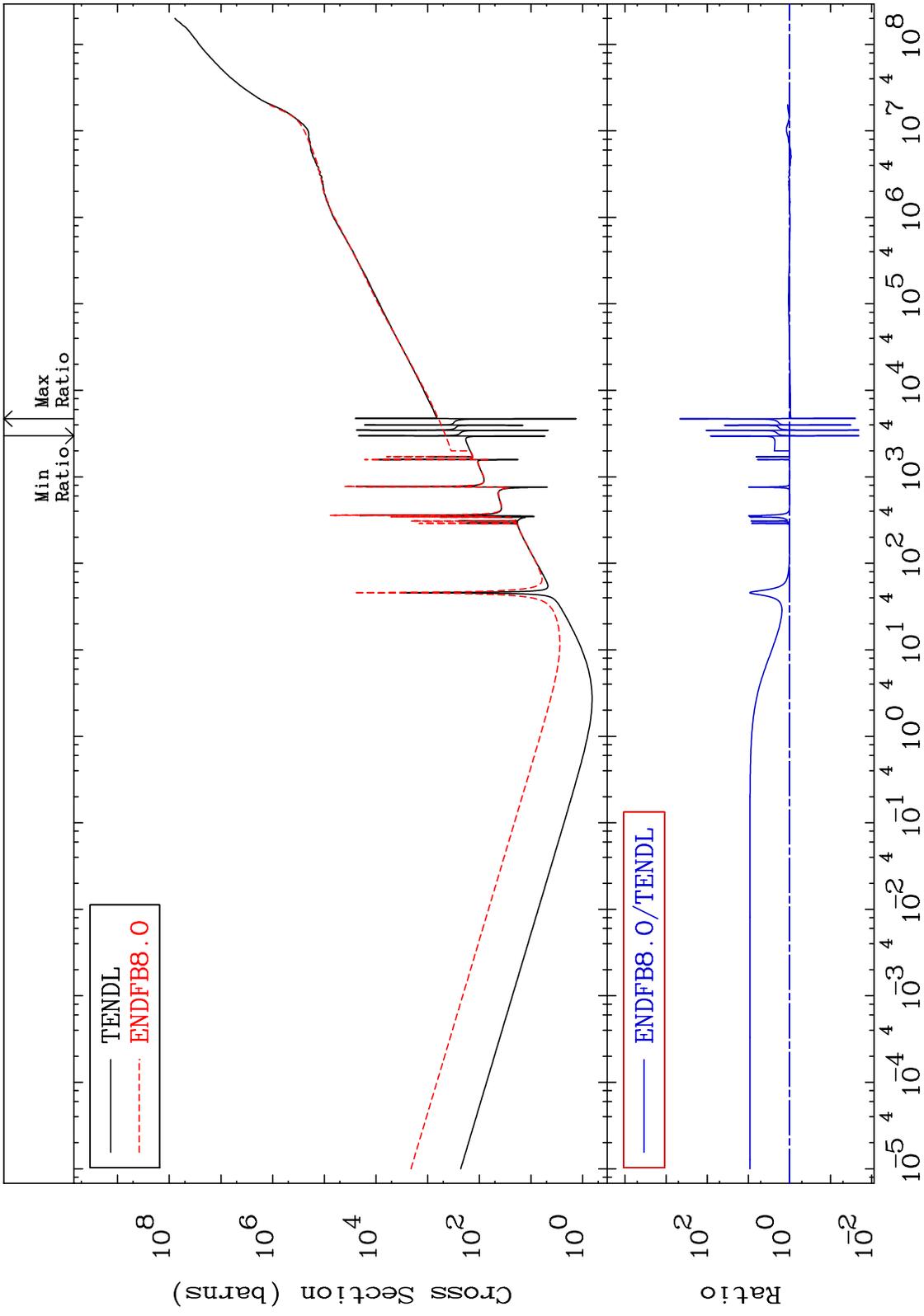
Kerma capture (mt102)  
Cross Section

50-Sn-118  
9999. To 9999. %



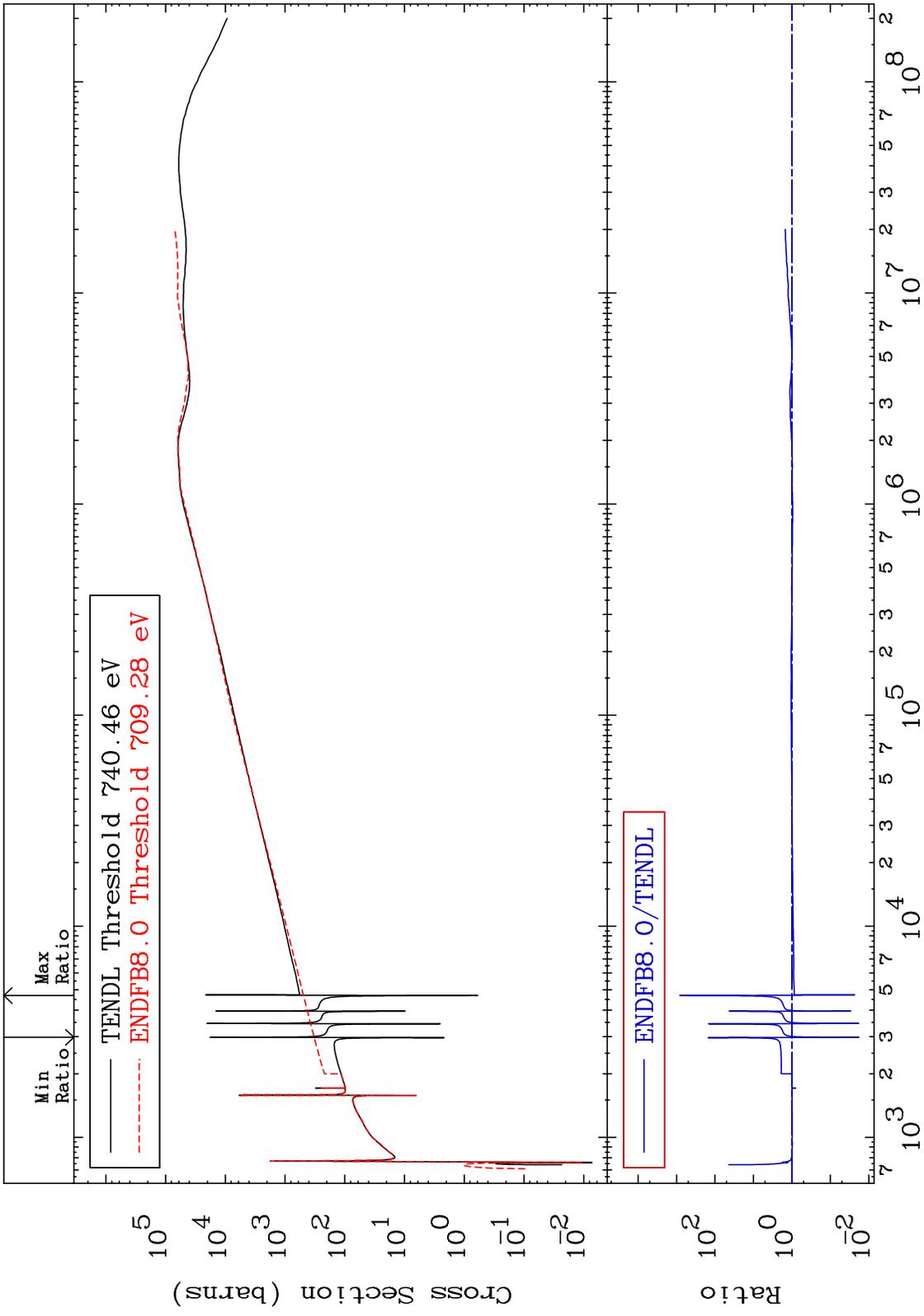


MAT 5043      Total kinematic kerma (high limit)      50-Sn-118  
 Cross Section      -97.93 To 9999. %

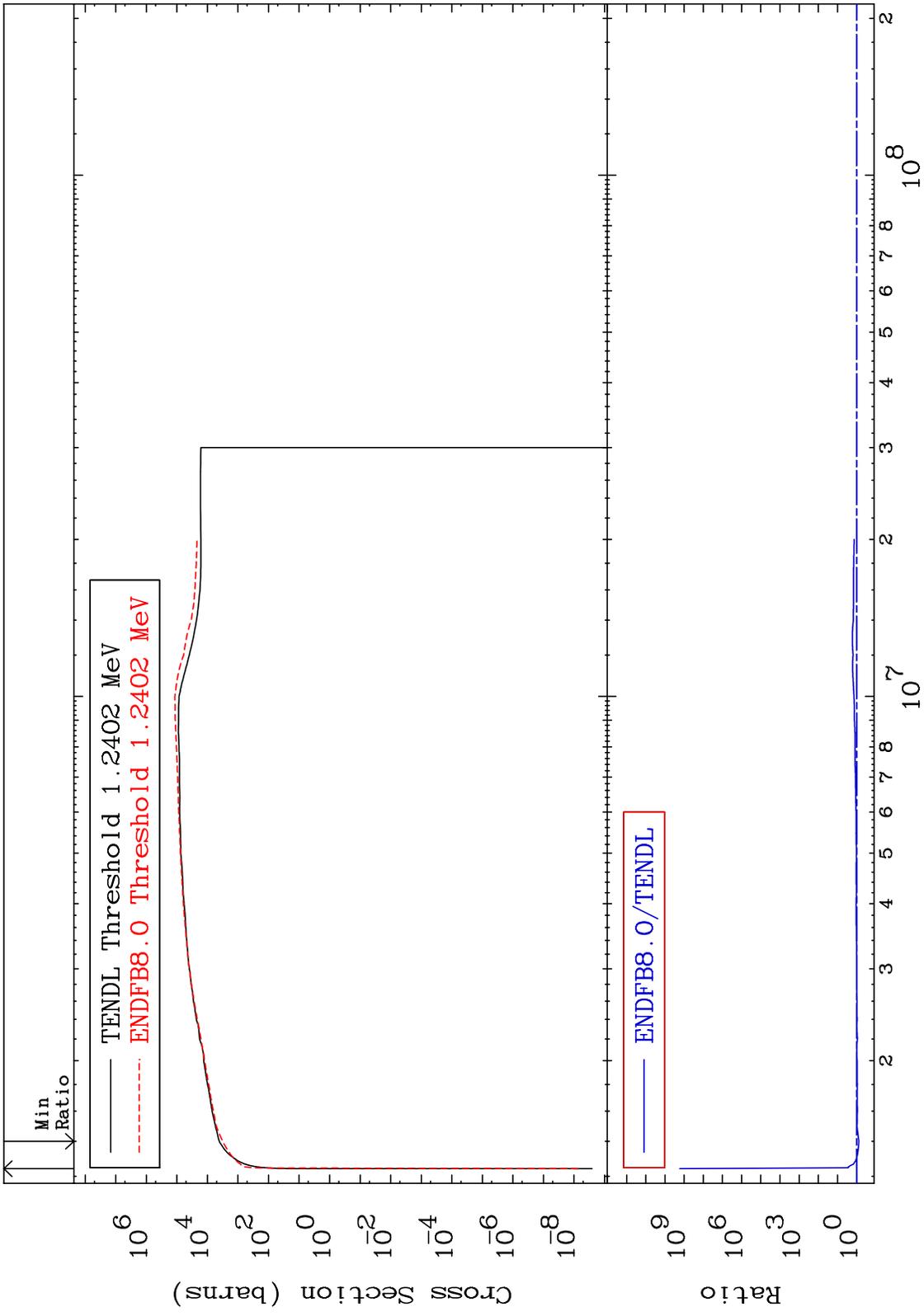




MAT 5043 50-Sn-118  
 Dpa elastic (mt2) -98.18 To 9999. %  
 Cross Section



MAT 5043      Dpa inelastic (mt51-91)      50-Sn-118  
 Cross Section      -23.22 To 9999. %



MAT 5043

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-118  
-72.79 To 9999. %

