

Program Complot  
(Version 2018-1)

by

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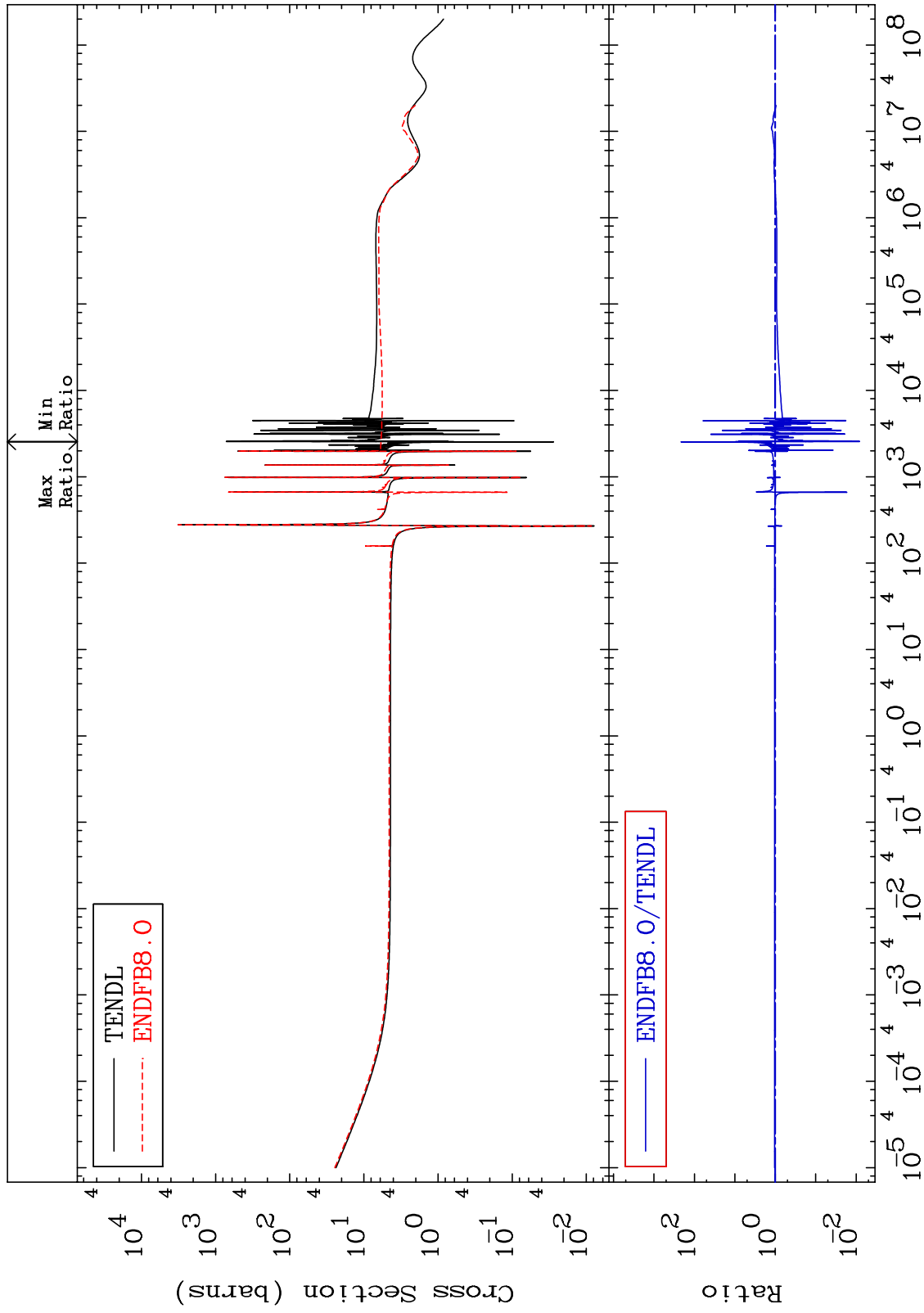
Press Mouse Button to Start

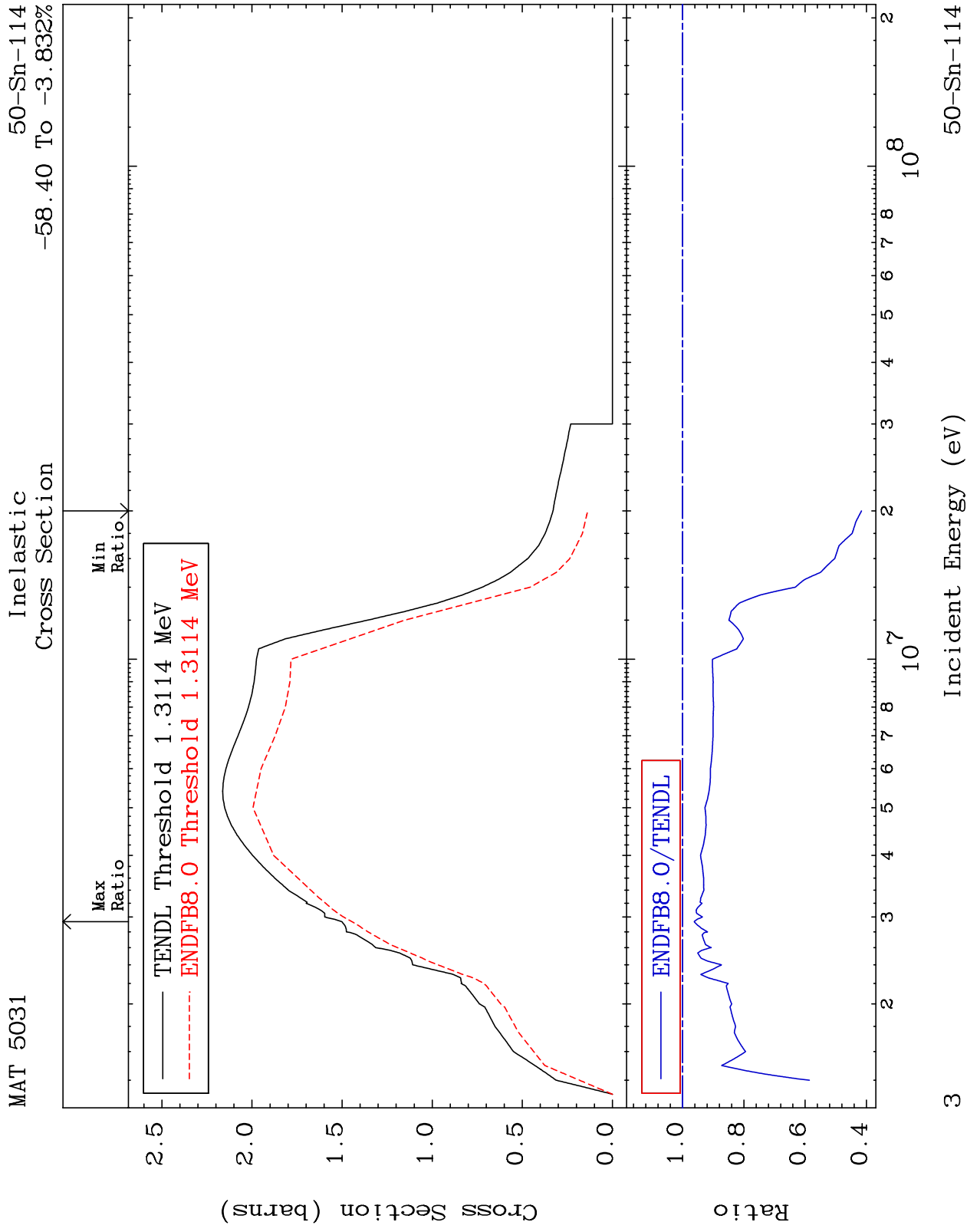


MAT 5031

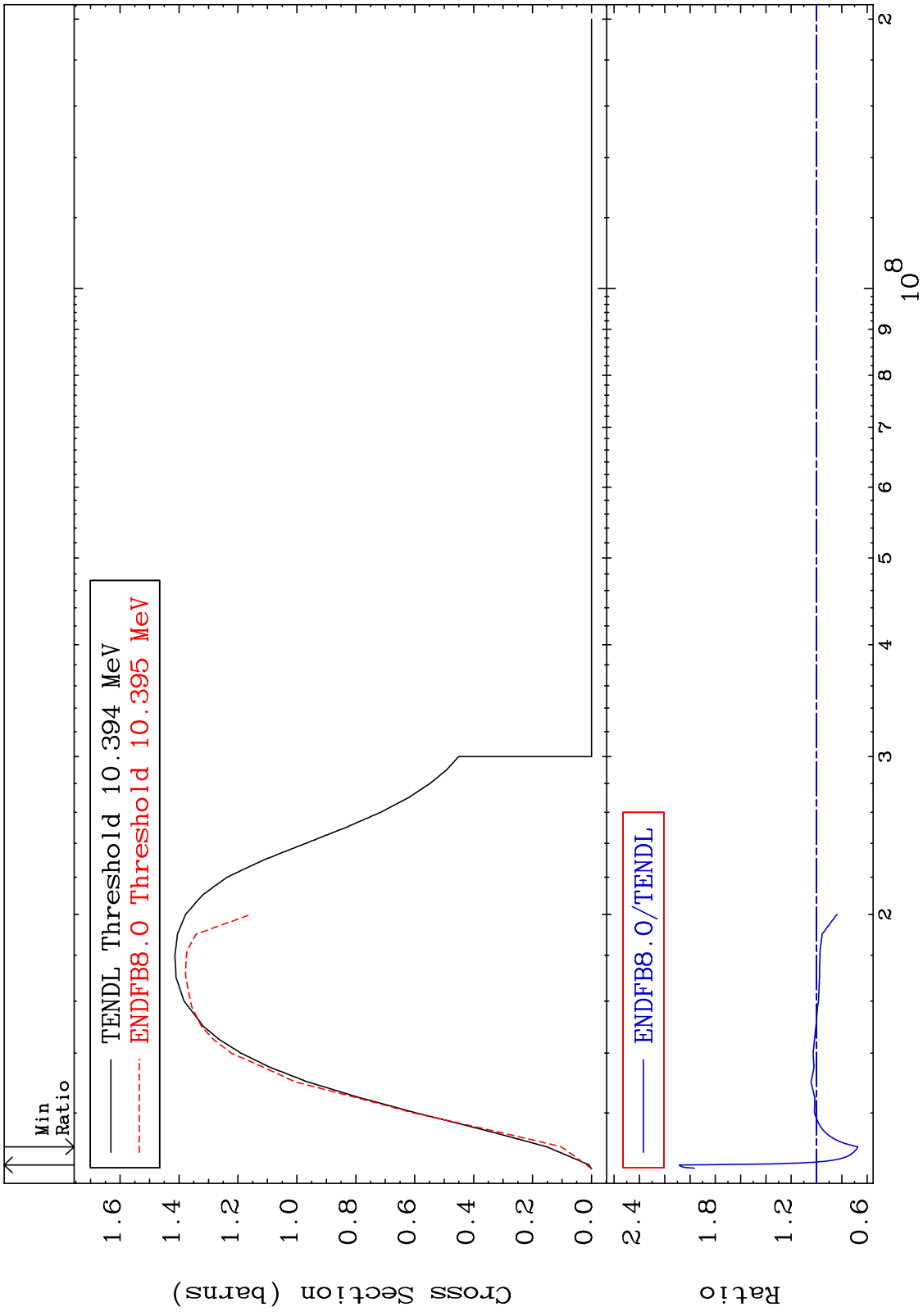
Elastic  
Cross Section

50-Sn-114  
-99.18 To 9999. %

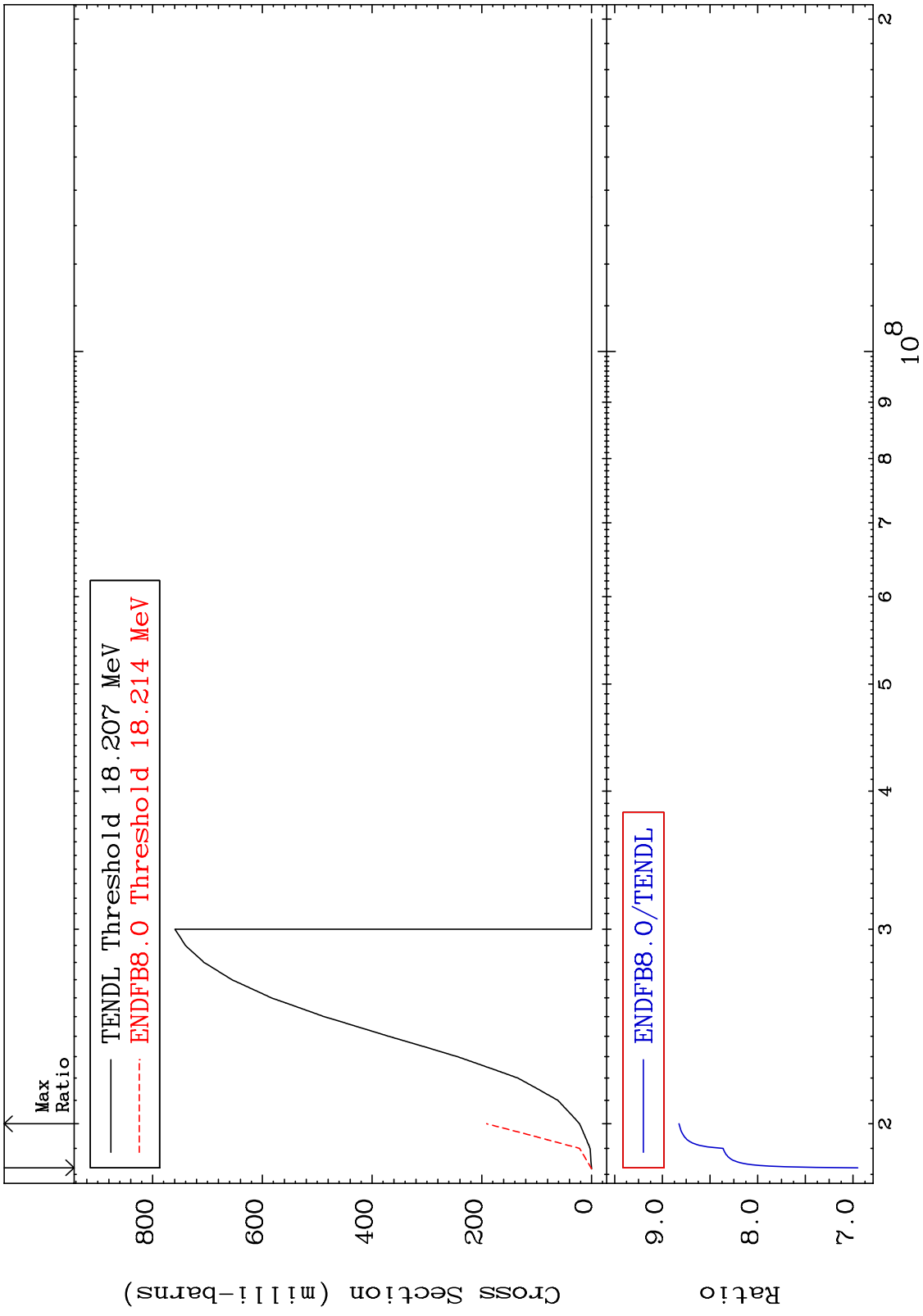




MAT 5031 (n,2n) Cross Section 50-Sn-114 -32.68 To 108.7 %

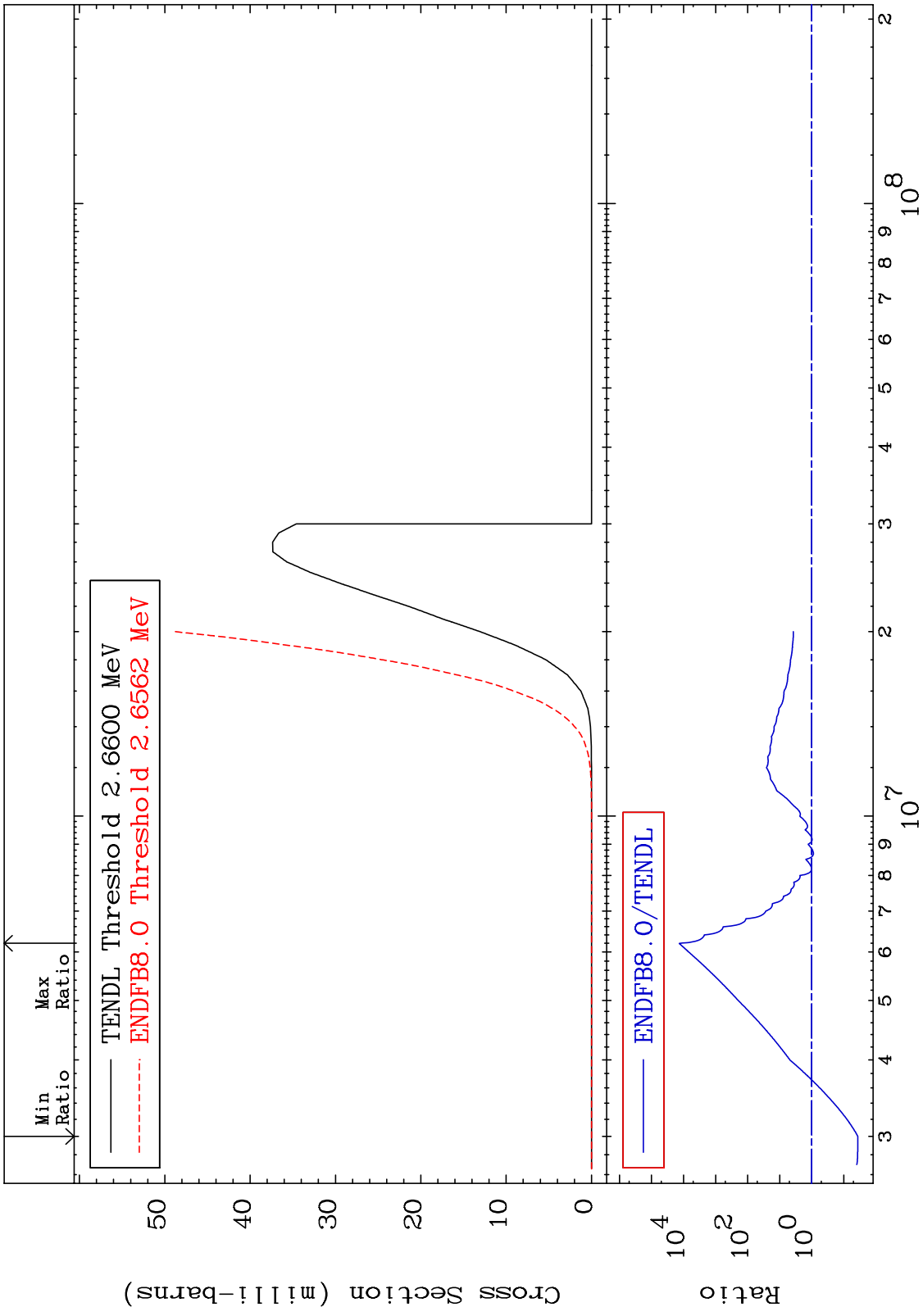


MAT 5031 (n,3n) Cross Section 50-Sn-114 To 782.5 % 595.0

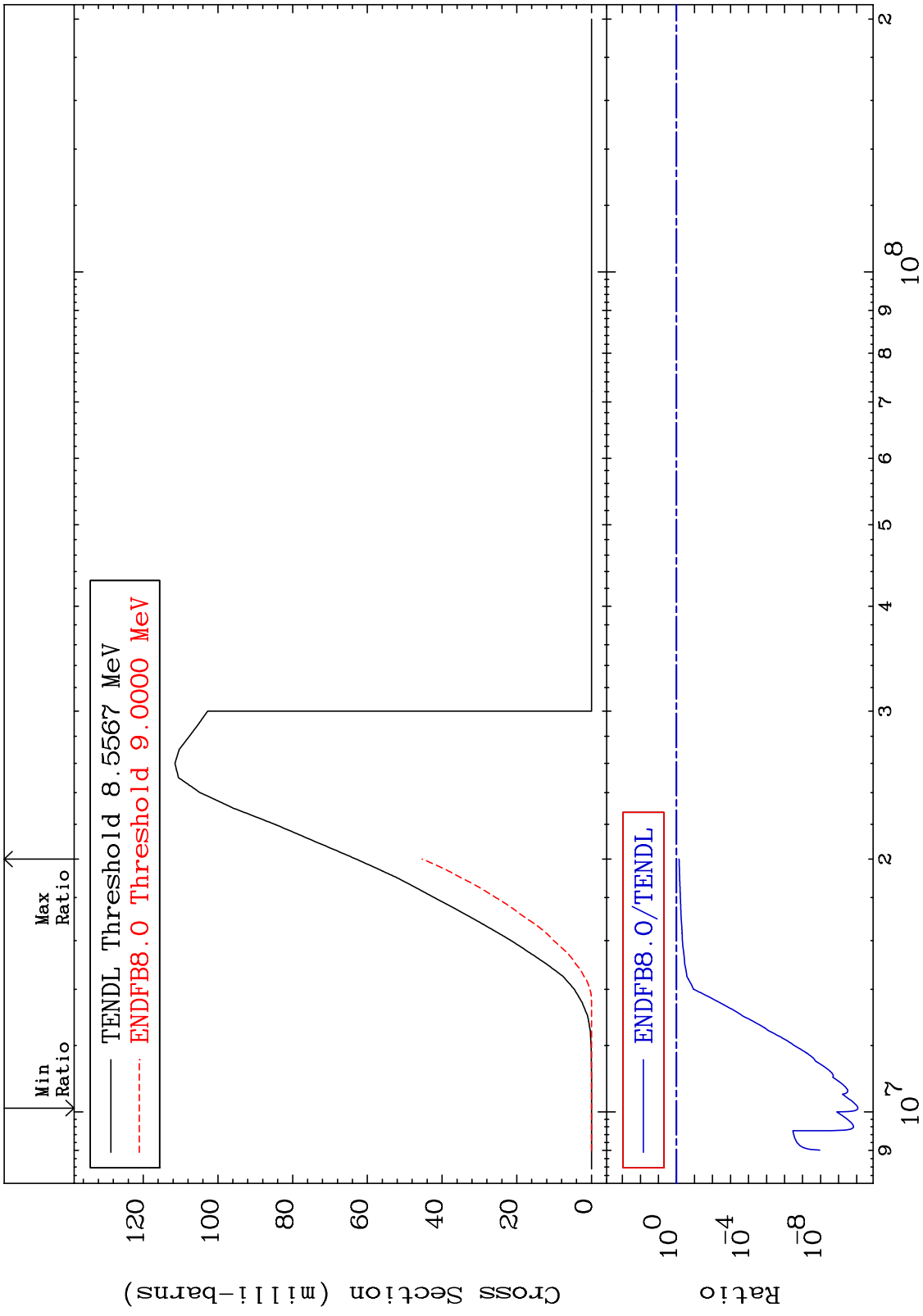


5 Incident Energy (eV) 50-Sn-114

MAT 5031  $(n, n') \alpha$  50-Sn-114  
 Cross Section -96.36 To 9999. %



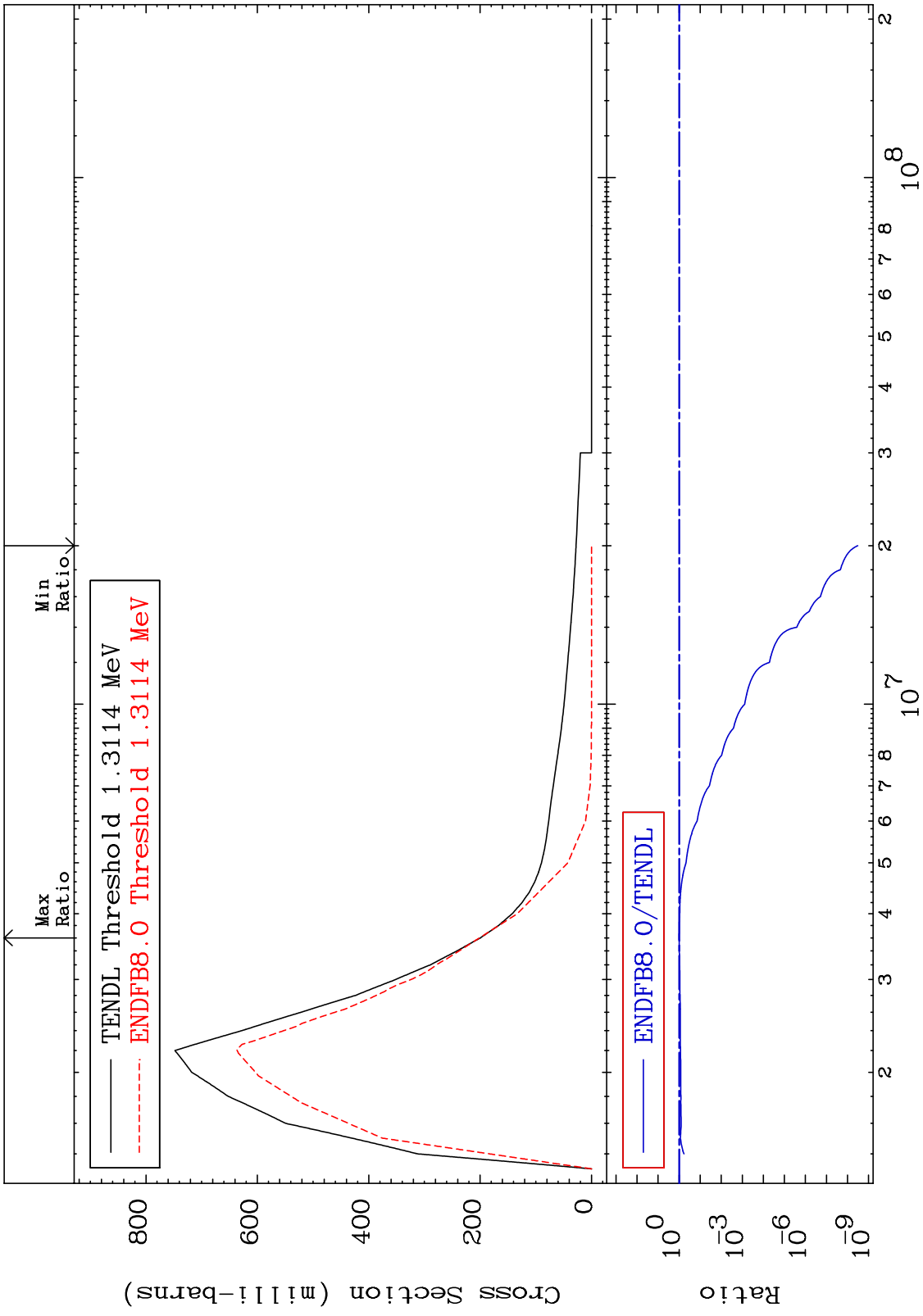
MAT 5031  $(n, n')$  p  $^{50}\text{Sn-114}$   
 Cross Section  $-100.0$  To  $-28.11\%$



Incident Energy (eV)  $^{50}\text{Sn-114}$



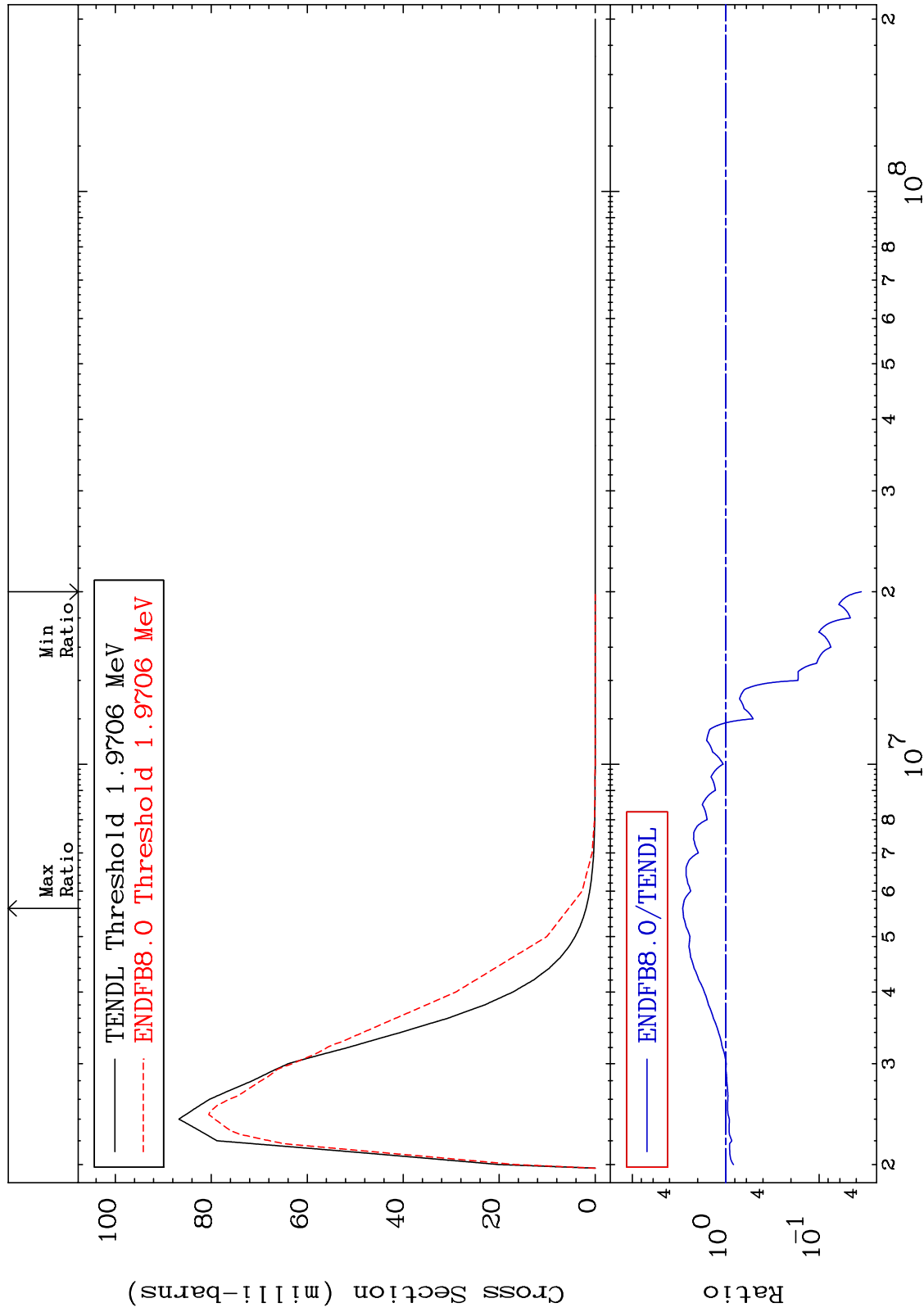
MAT 5031 MT= 51 (n,n') Level Cross Section 50-Sn-114 -100.0 To 0.838 %



MAT 5031

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

50-Sn-114  
-96.47 To 188.9 %



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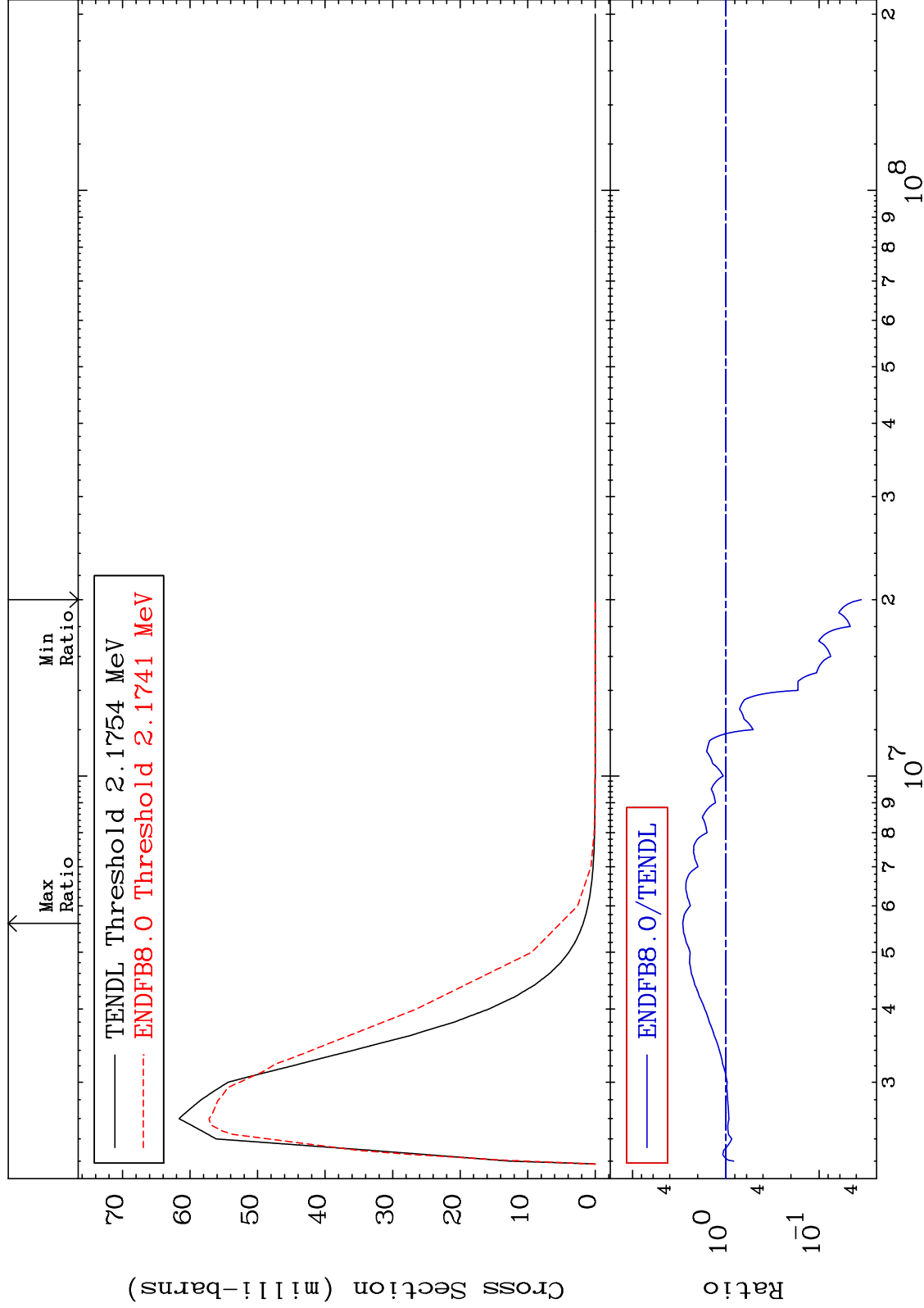
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114  
-96.47 To 189.9 %

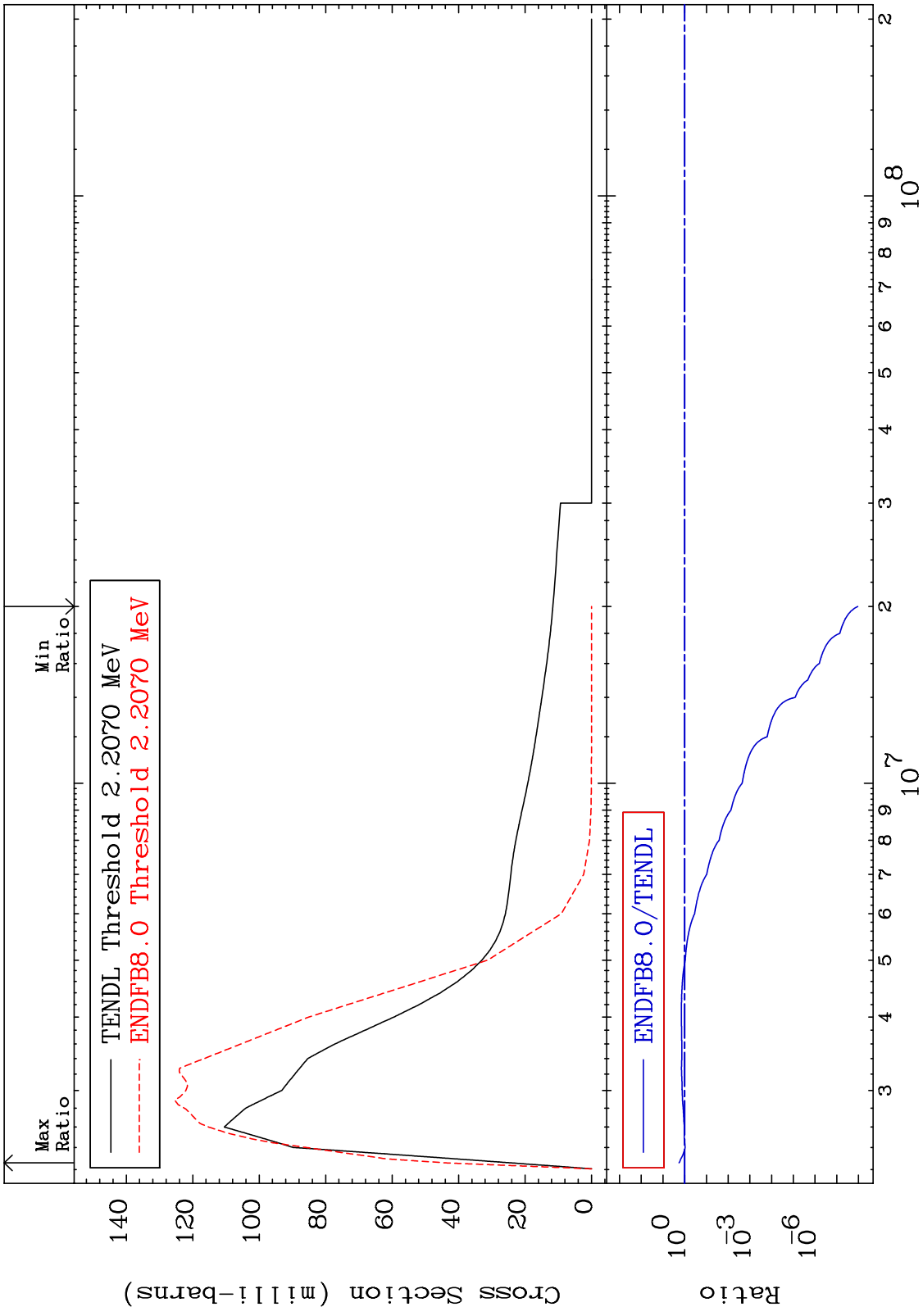


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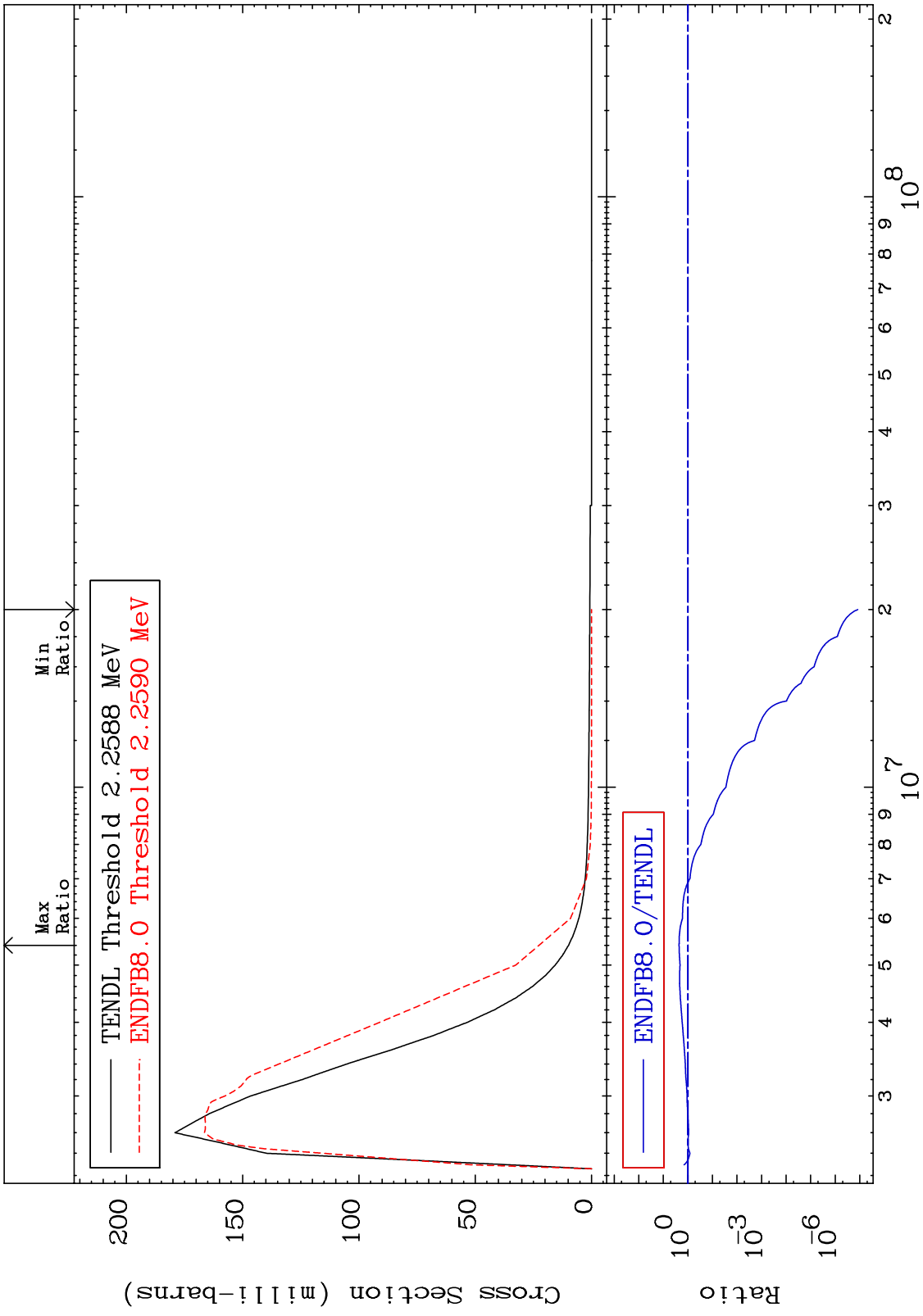
Incident Energy (eV)

50-Sn-114

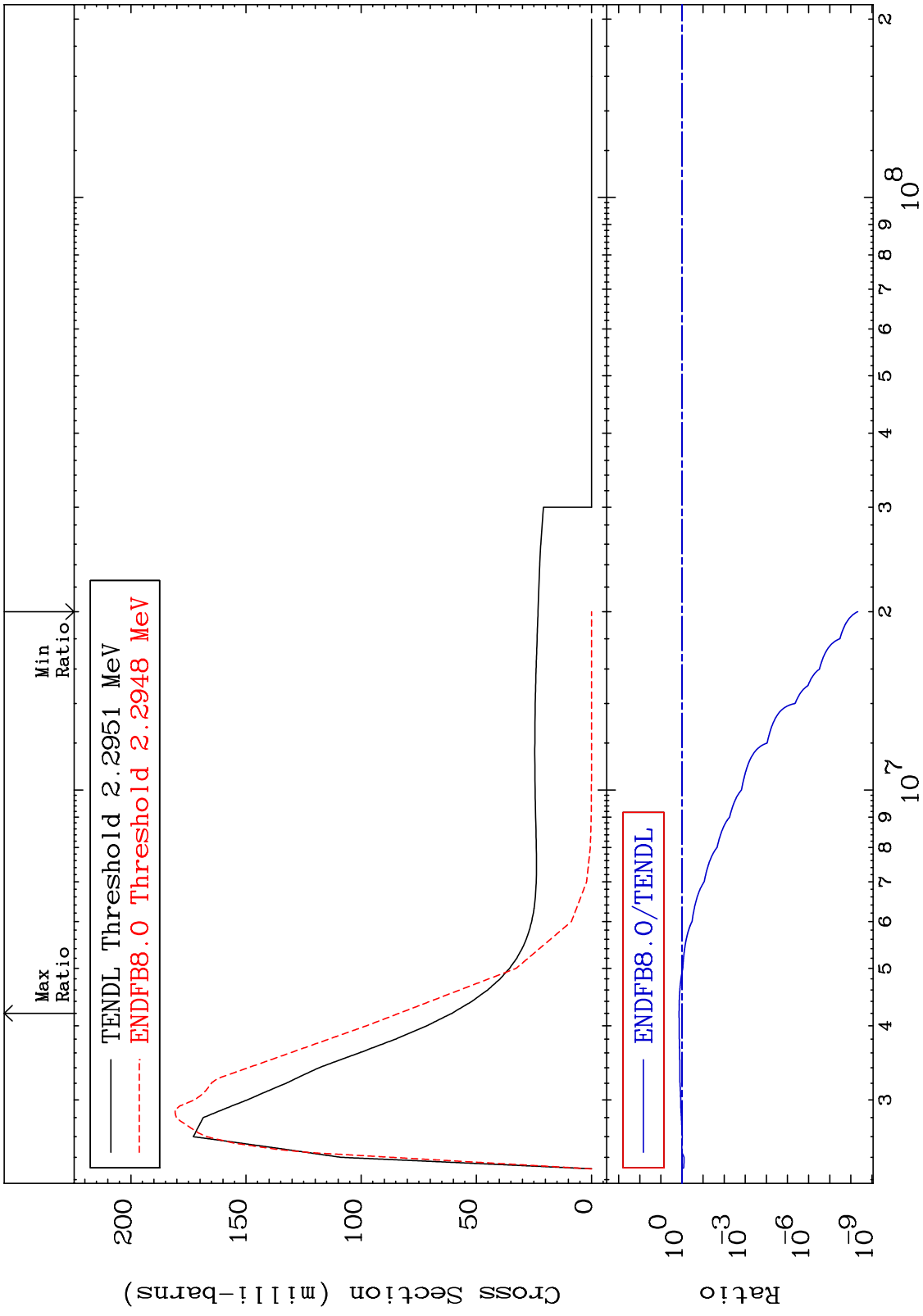
MAT 5031 MT= 54 (n,n') Level Cross Section 50-Sn-114 -100.0 To 82.02 %



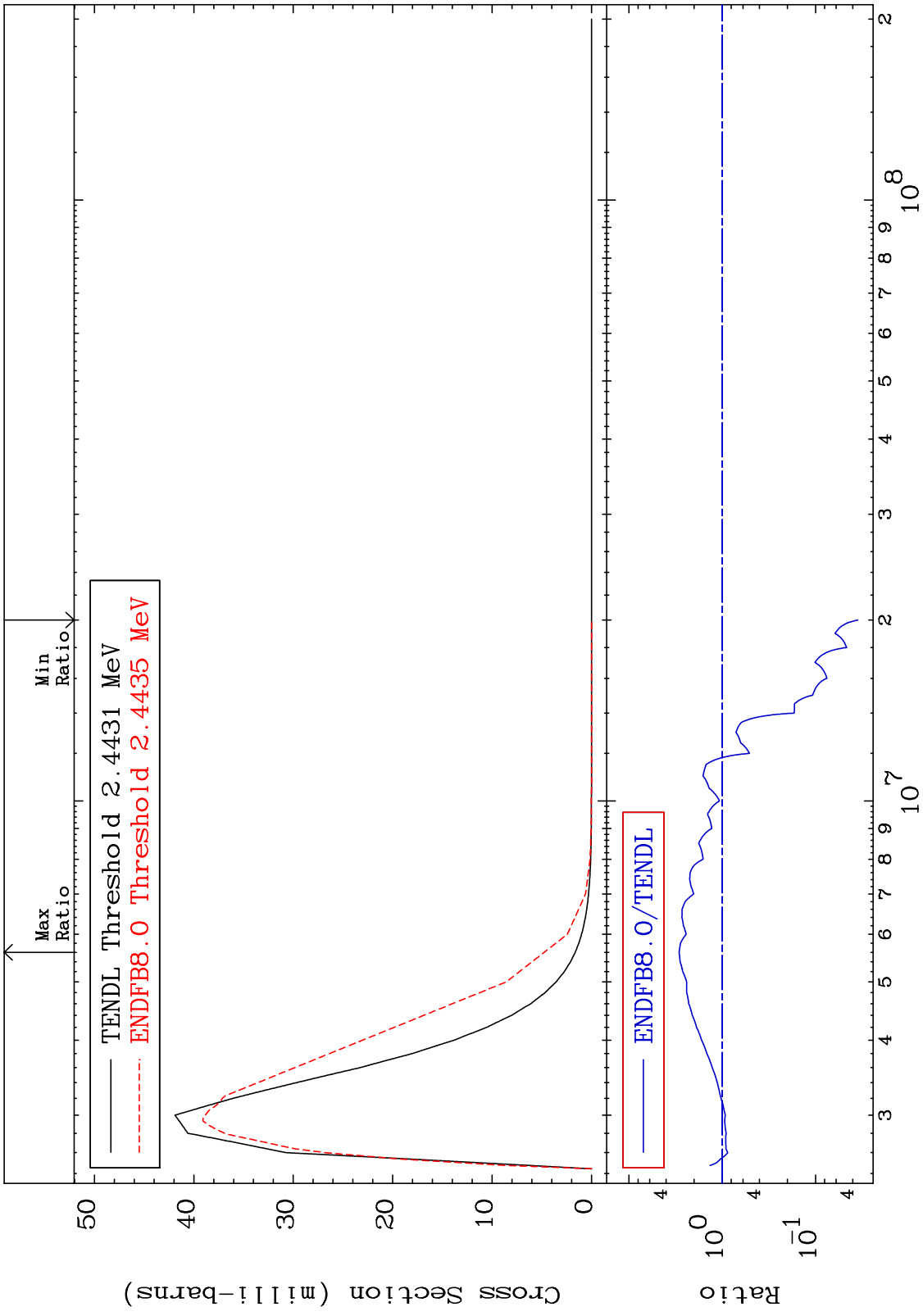
MAT 5031 MT= 55 (n,n') Level Cross Section 50-Sn-114 -100.0 To 128.6 %



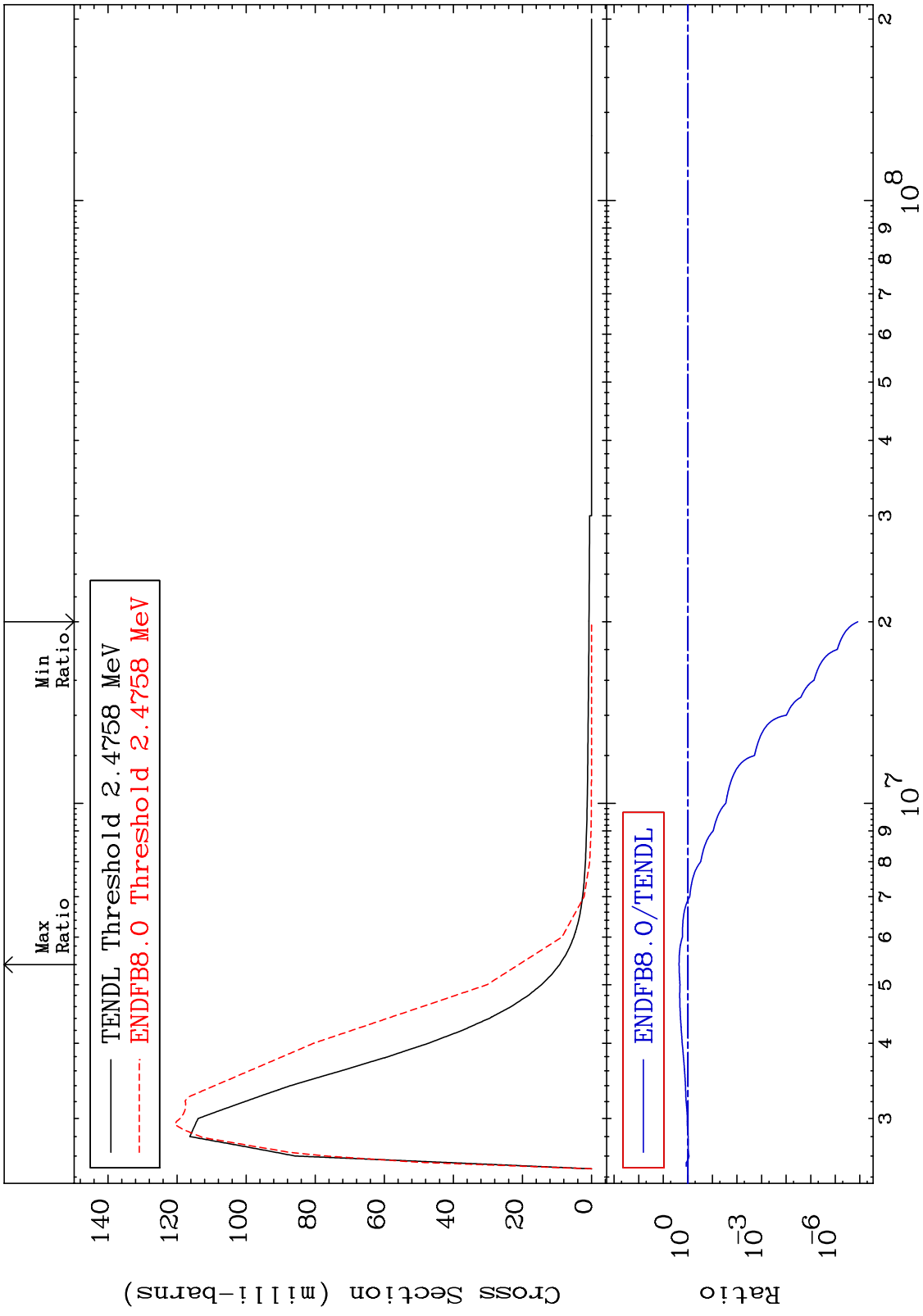
MAT 5031 MT= 56 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 37.91 %



MAT 5031 MT= 57 (n,n') Level Cross Section 50-Sn-114 -96.48 To 190.4 %



MAT 5031 MT= 58 (n,n') Level Cross Section 50-Sn-114 -100.0 To 128.2 %

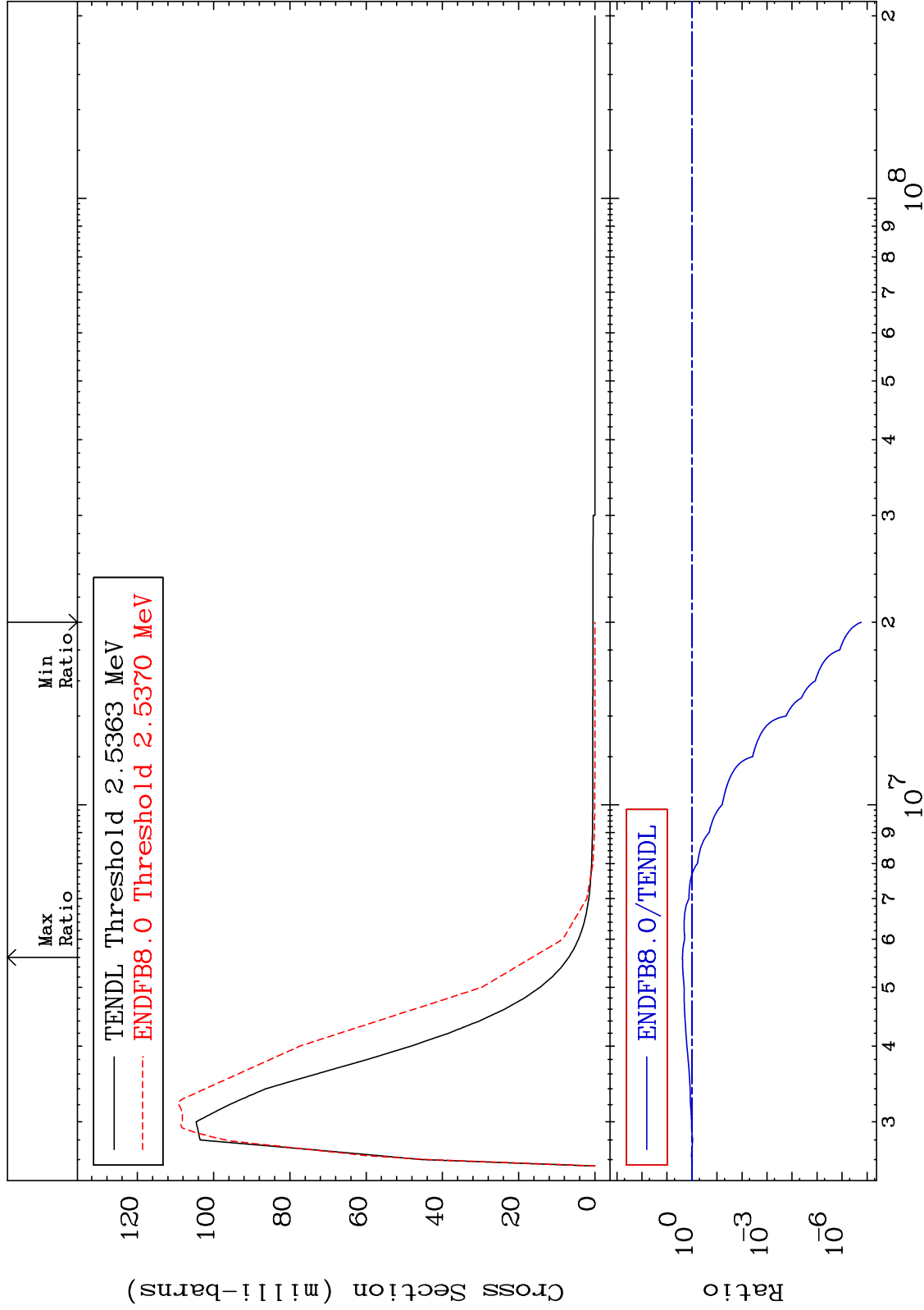




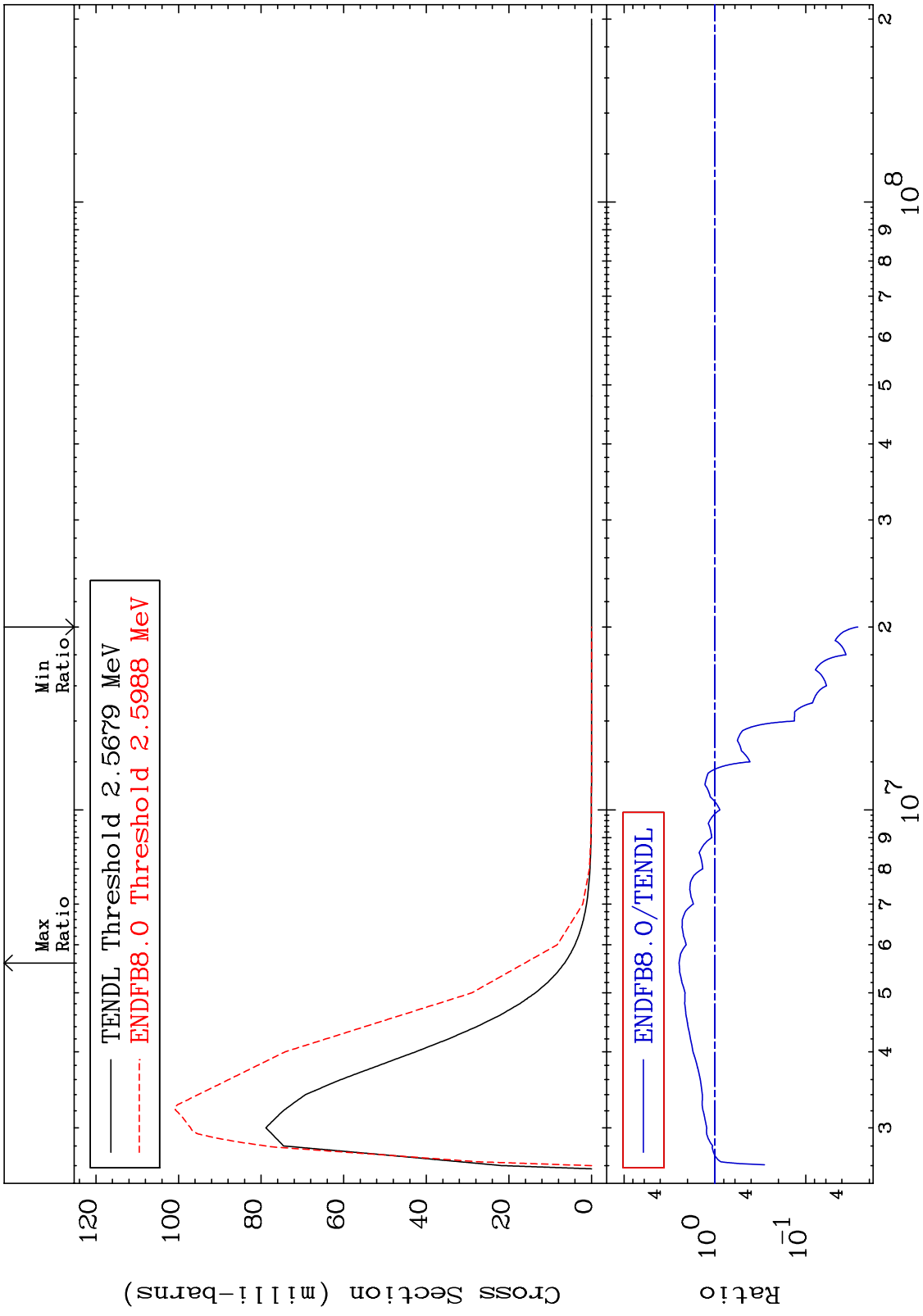
MAT 5031

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

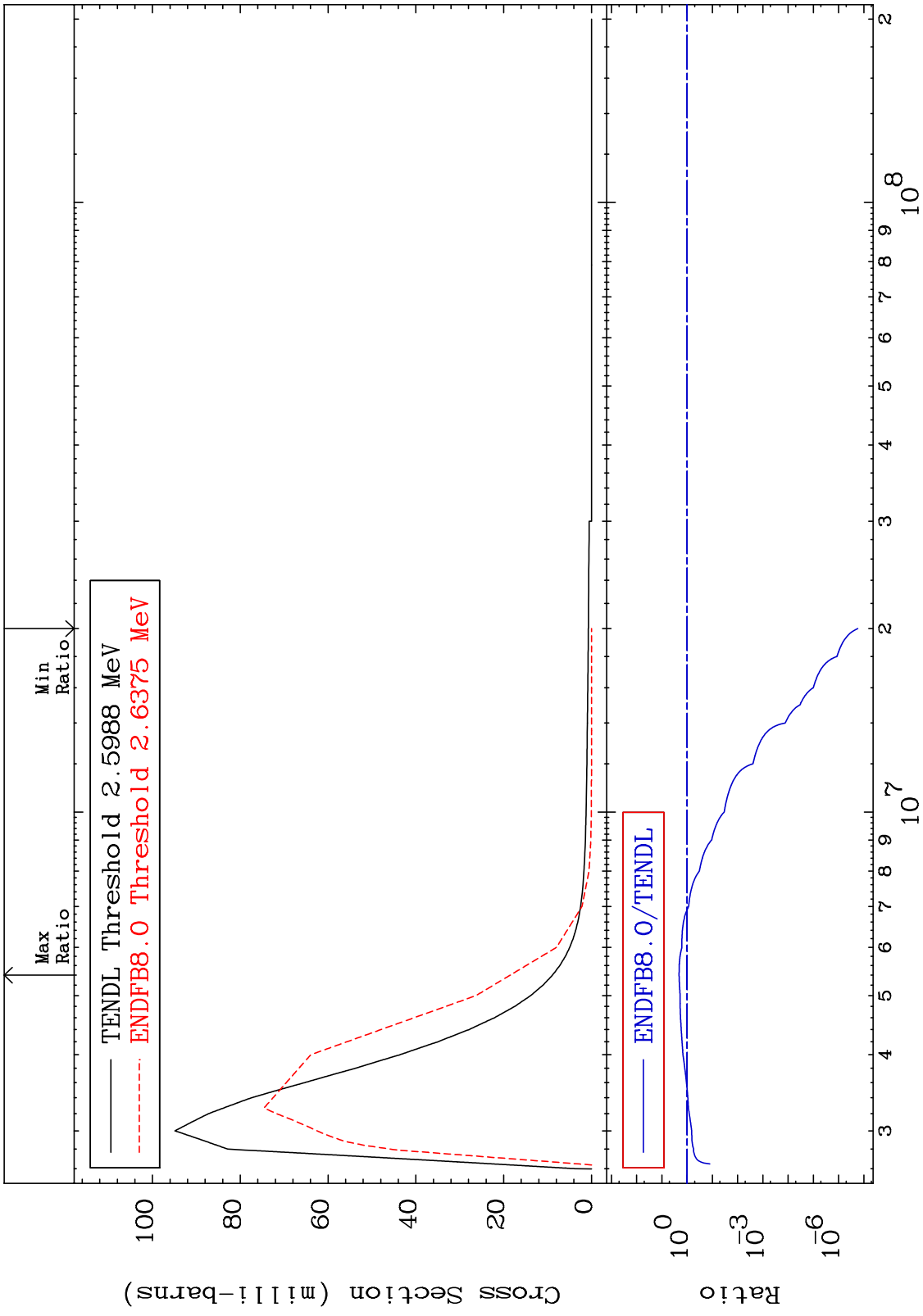
50-Sn-114  
-100.0 To 139.9 %



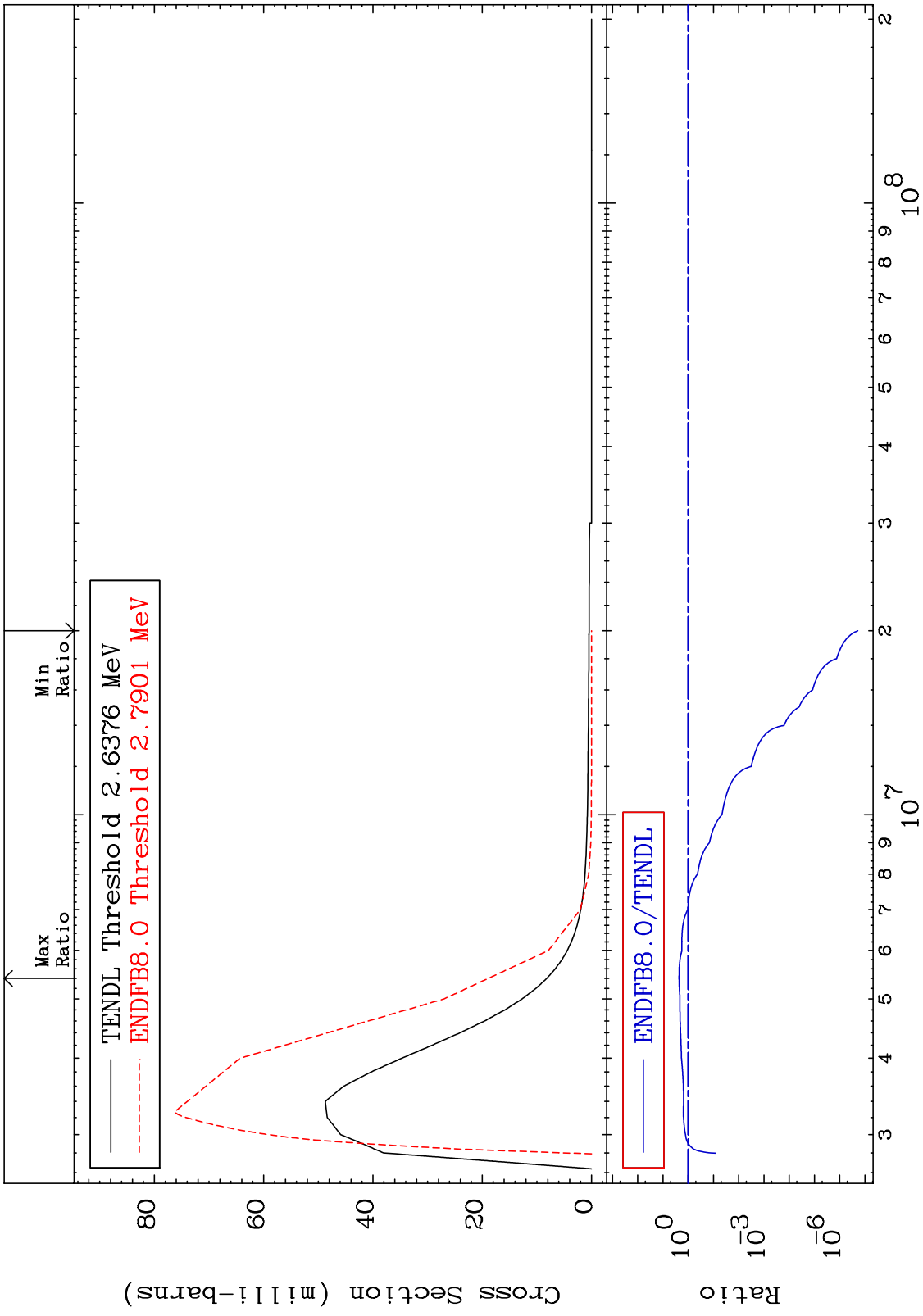
MAT 5031 MT= 60 (n,n') Level Cross Section 50-Sn-114 -97.33 To 148.0 %



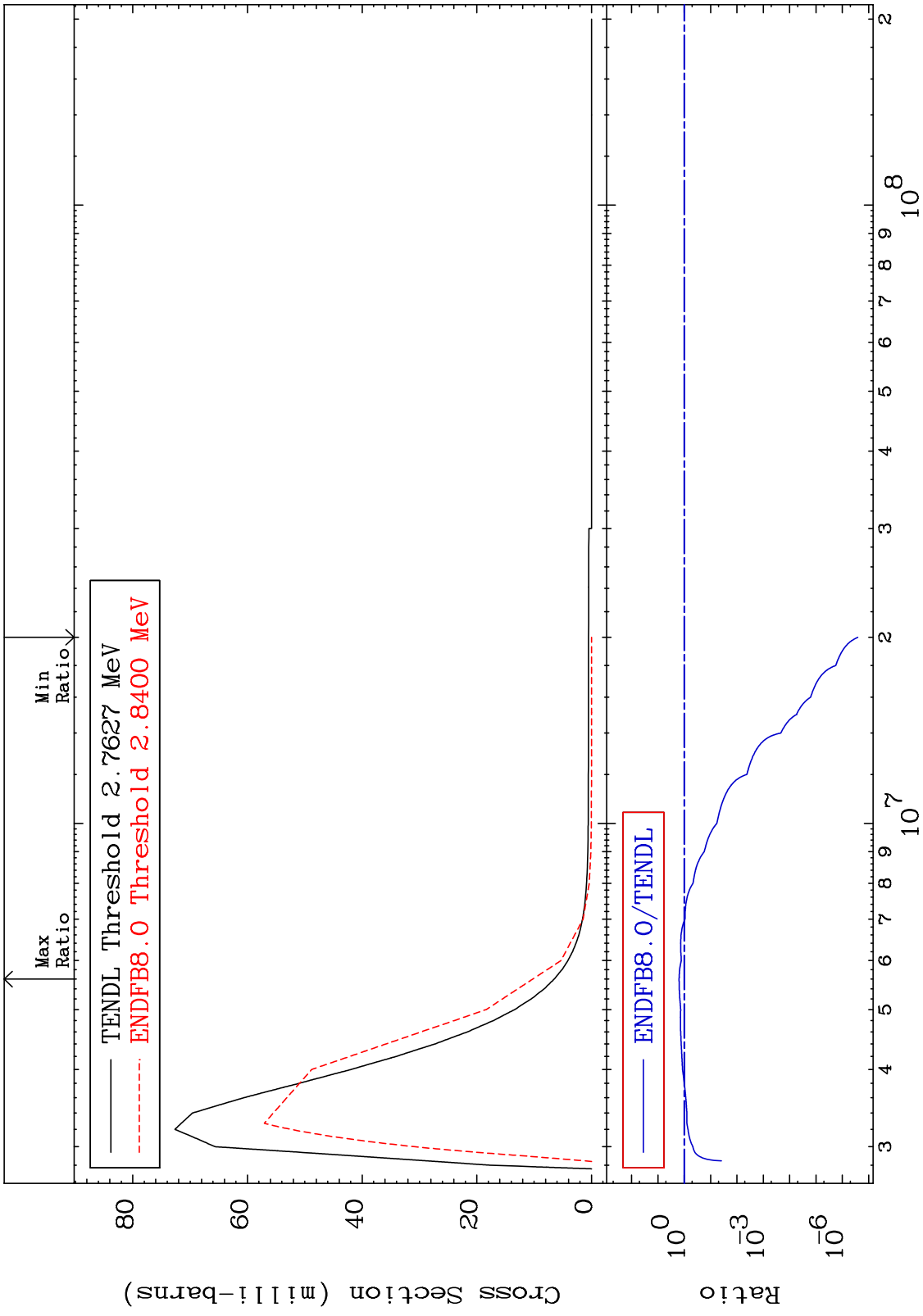
MAT 5031 MT= 61 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 108.7 %



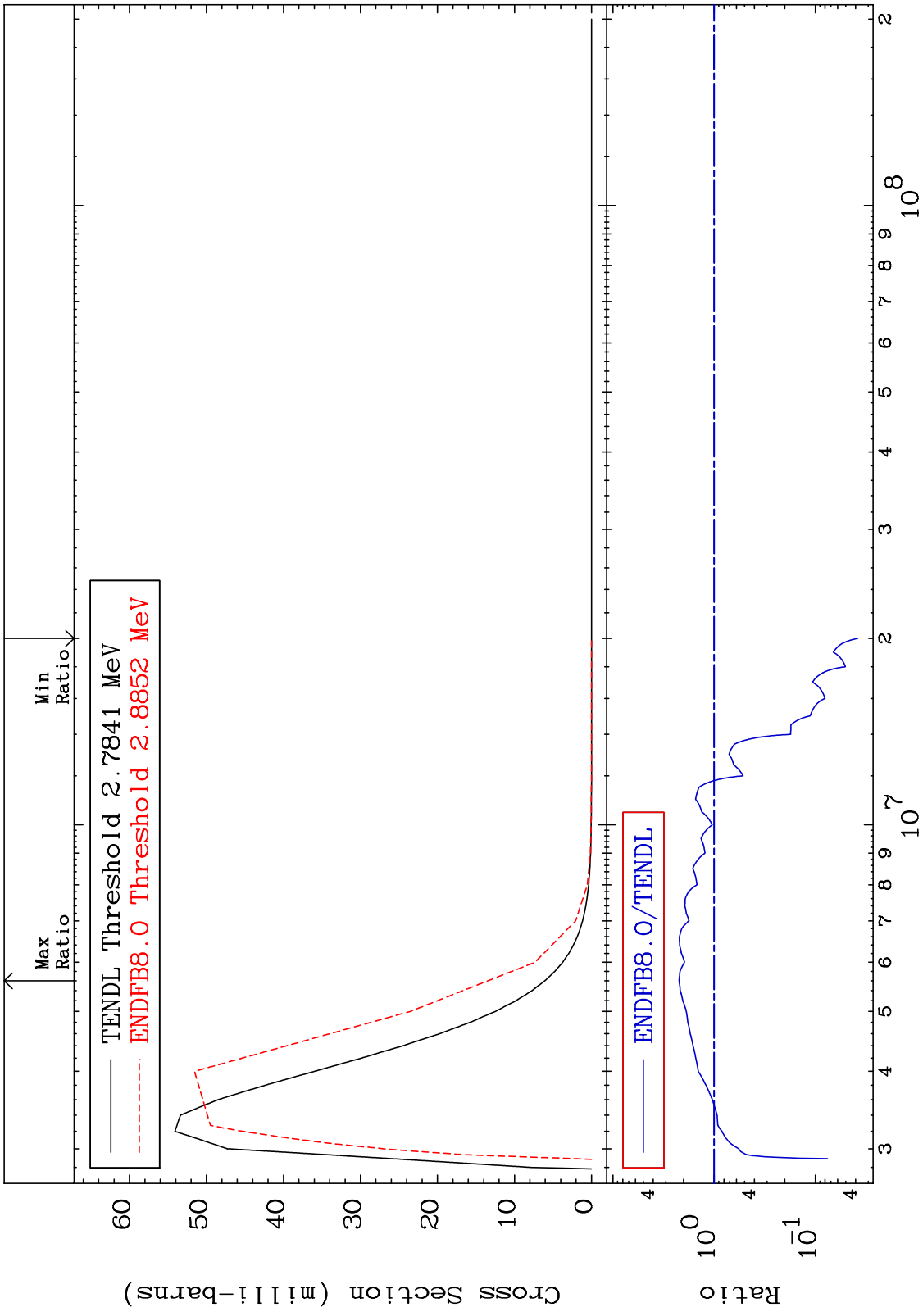
MAT 5031 MT= 62 (n,n') Level Cross Section 50-Sn-114 -100.0 To 131.1 %



MAT 5031 MT= 63 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 57.70 %

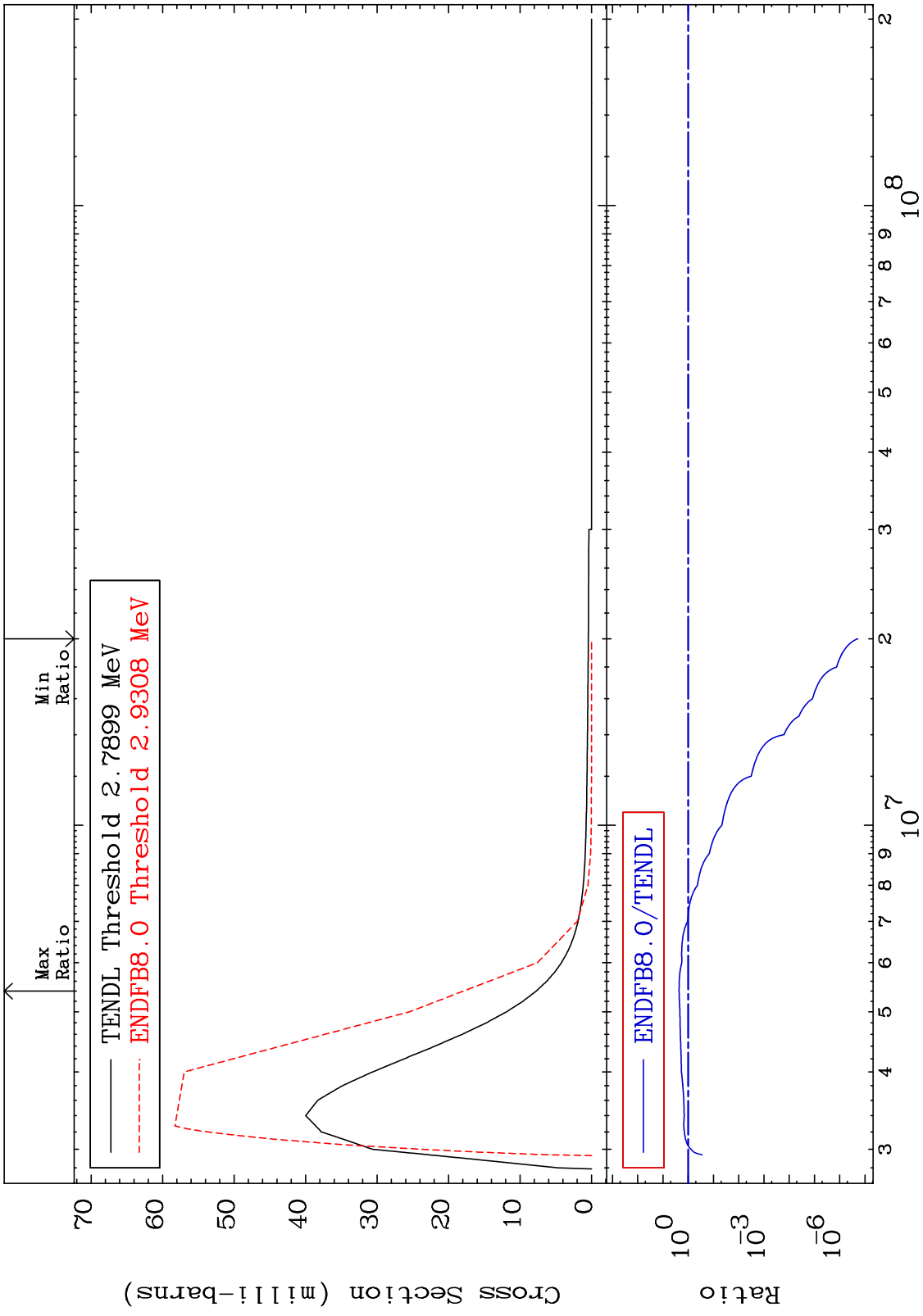


MAT 5031 MT= 64 (n,n') Level Cross Section 50-Sn-114 -96.20 To 122.1 %

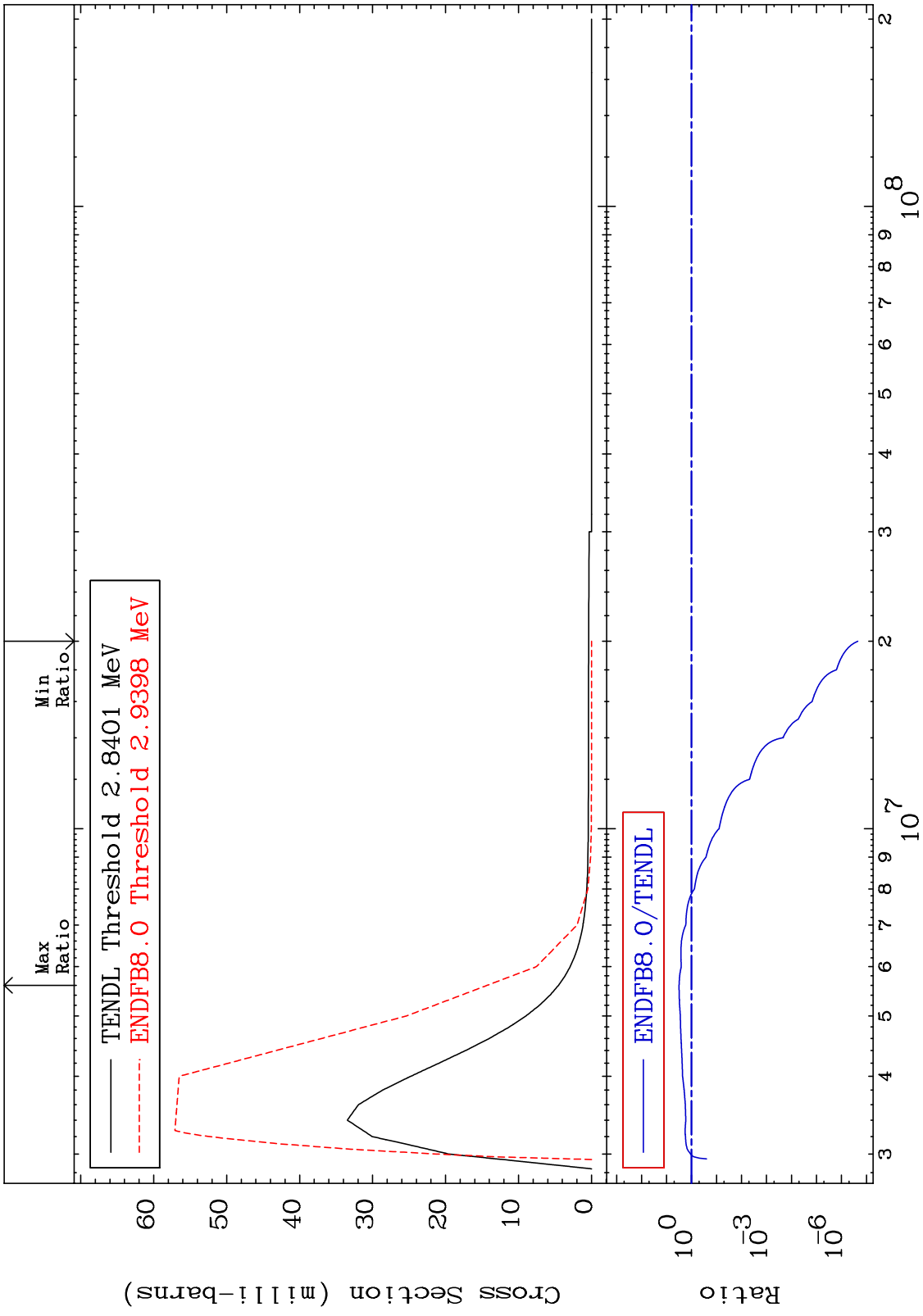


21 Incident Energy (eV) 50-Sn-114

MAT 5031 MT= 65 (n,n') Level Cross Section 50-Sn-114 -100.0 To 131.7 %

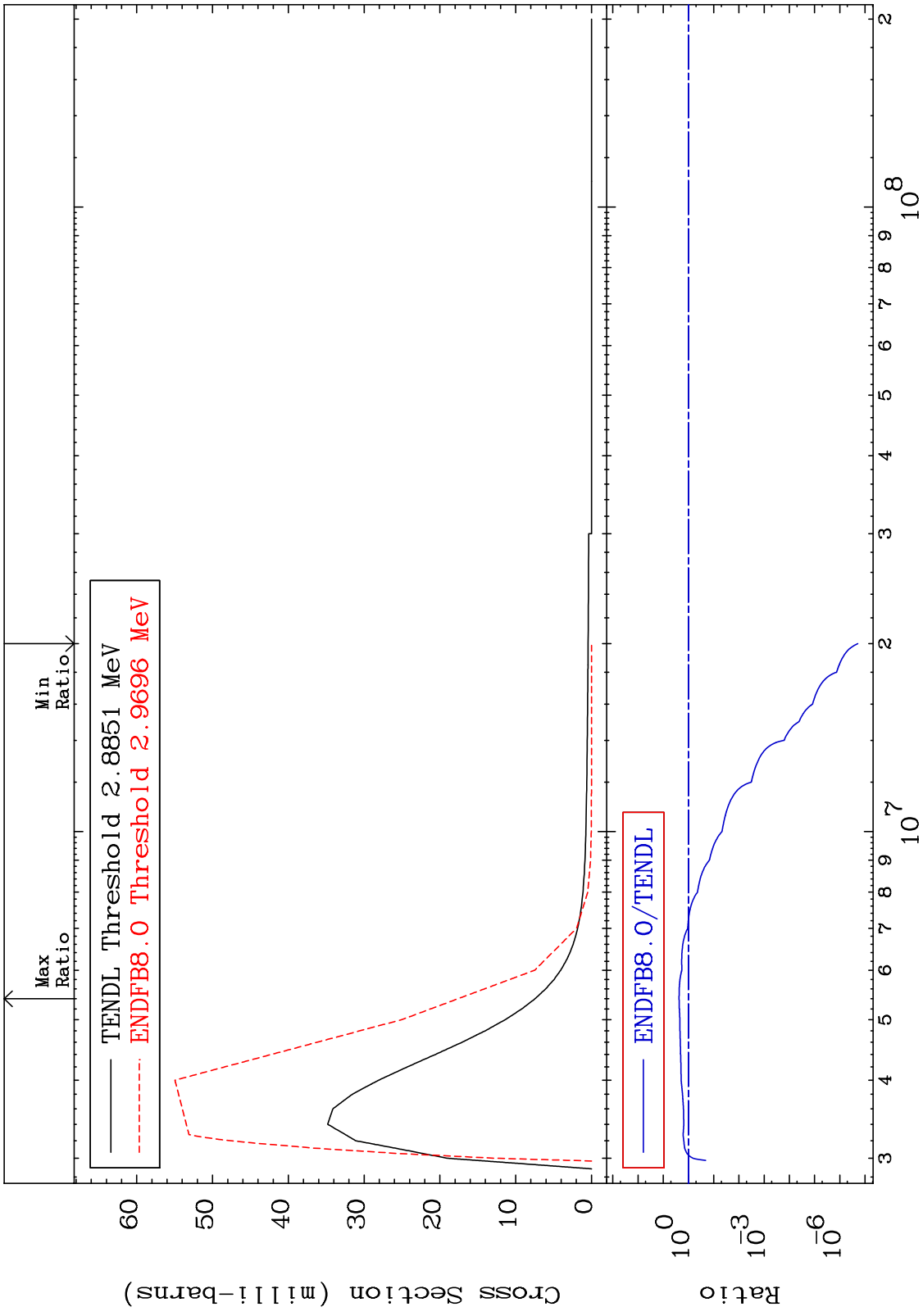


MAT 5031 MT= 66 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 216.2 %

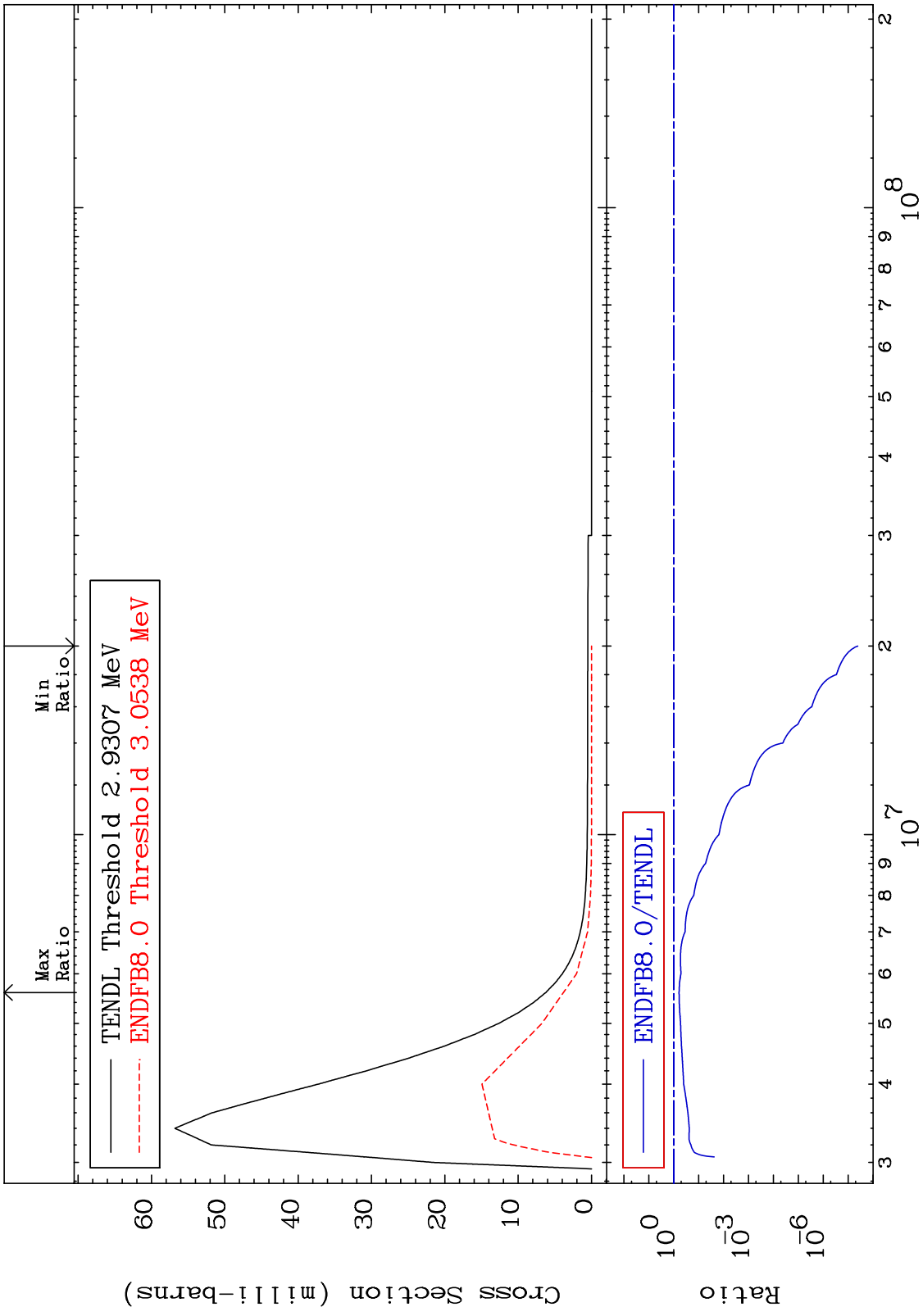




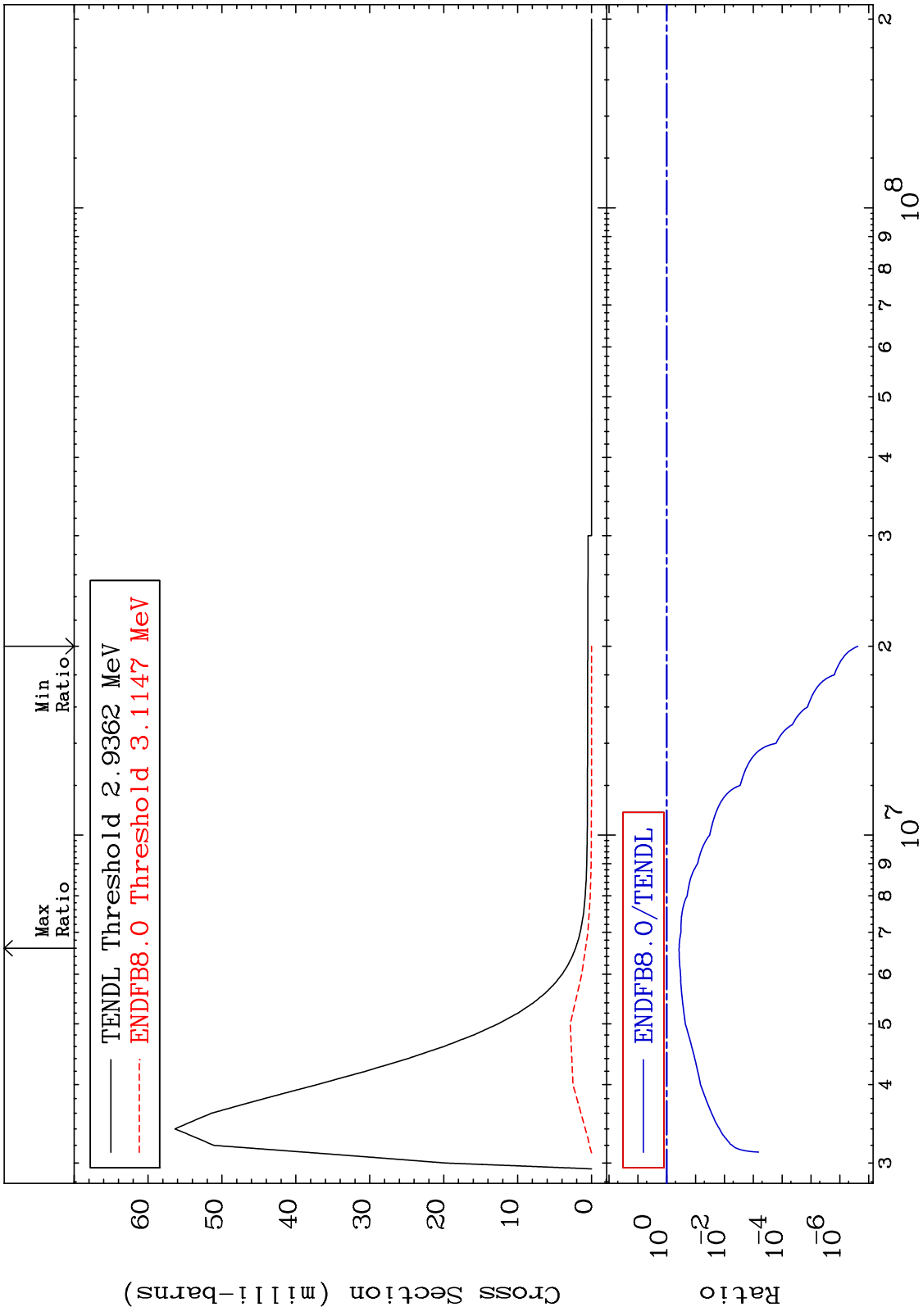
MAT 5031 MT= 67 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 136.6 %



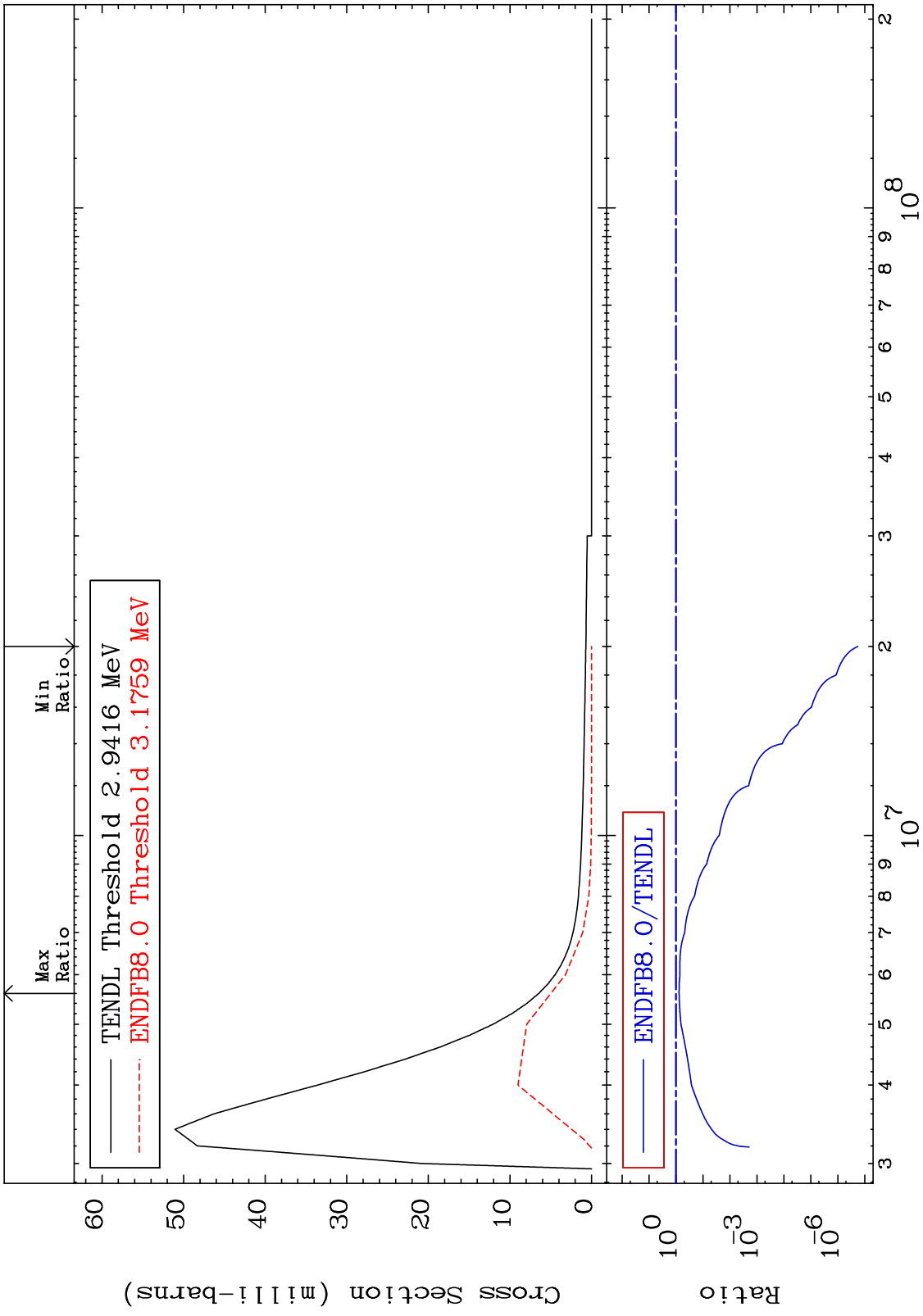
MAT 5031 MT= 68 (n,n') Level Cross Section 50-Sn-114 -100.0 To -38.58%



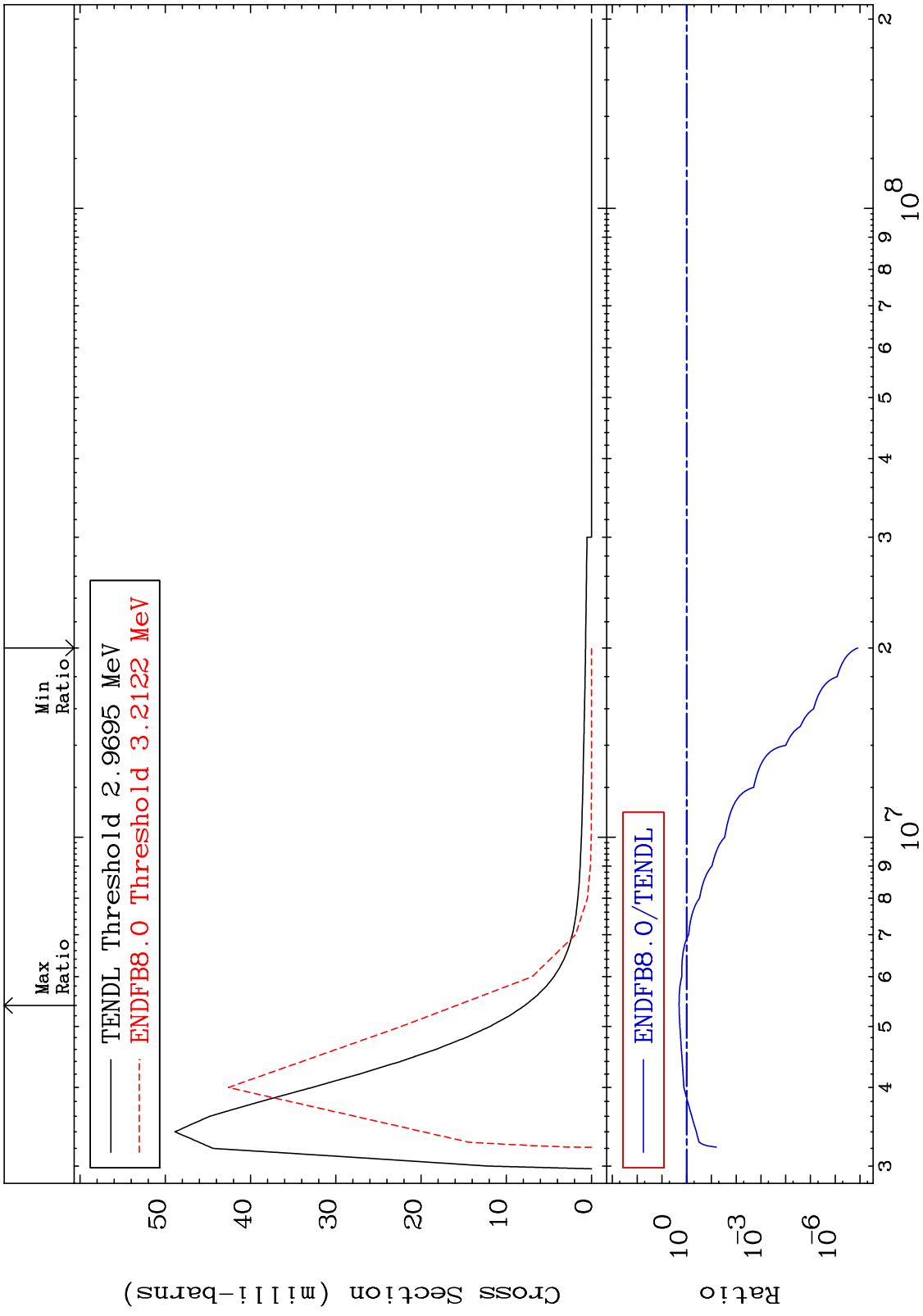
MAT 5031 MT= 69 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To -62.56%



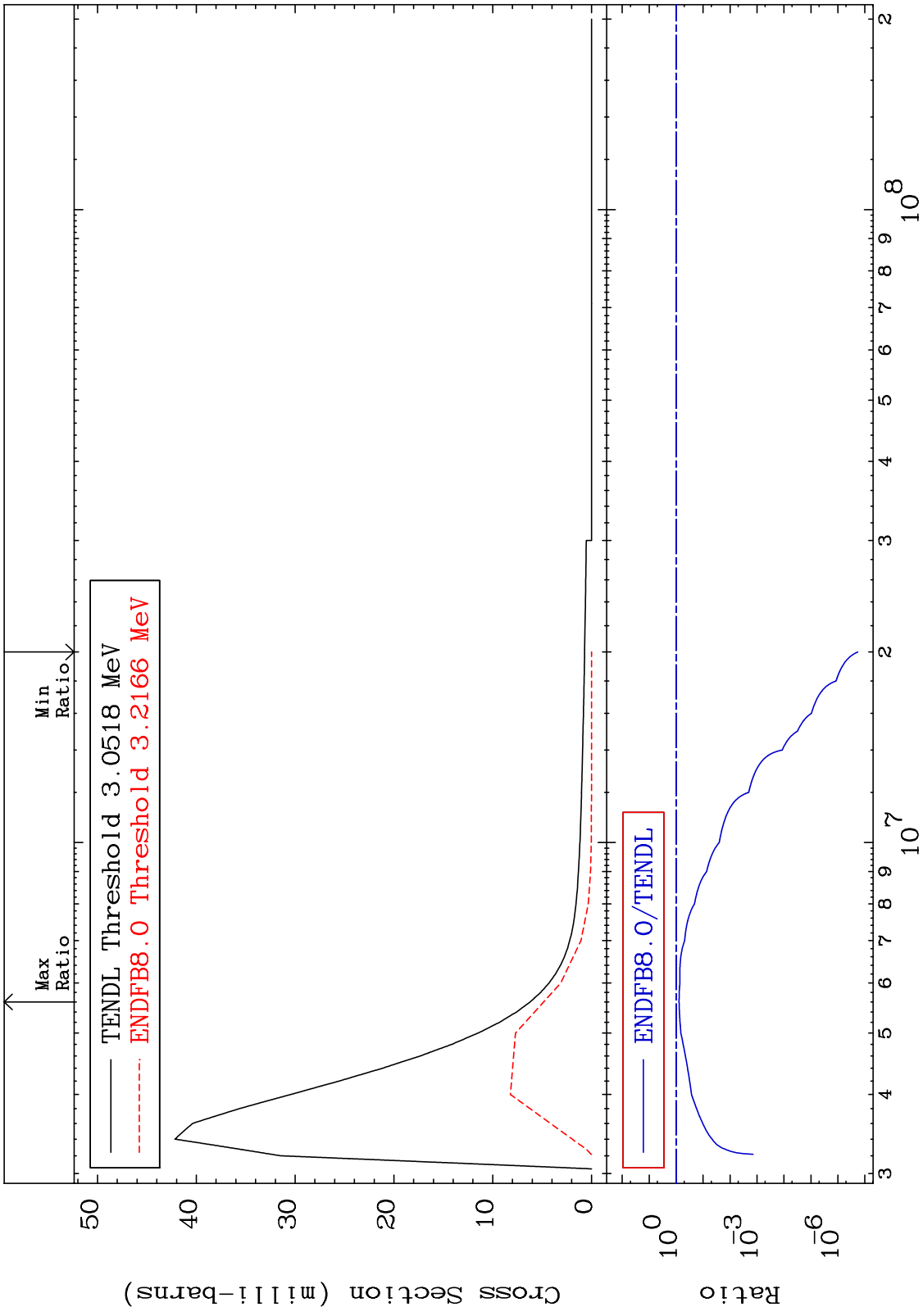
MAT 5031 MT= 70 (n,n') Level Cross Section 50-Sn-114 -100.0 To -22.78%



MAT 5031 MT= 71 (n,n') Level Cross Section 50-Sn-114 -100.0 To 102.7 %



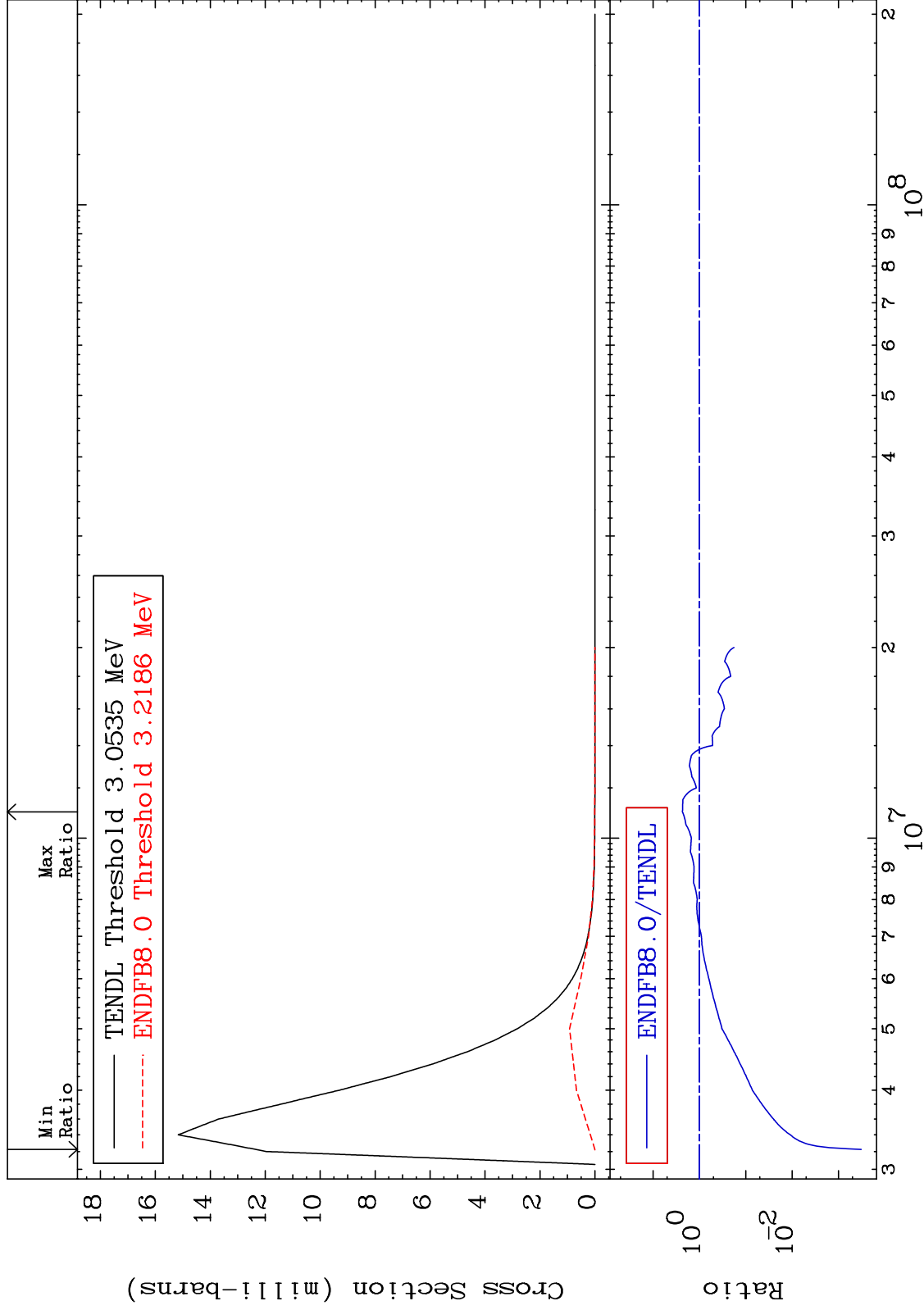
MAT 5031 MT= 72 (n,n') Level Cross Section 50-Sn-114 -100.0 To -21.92%



MAT 5031

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

50-Sn-114  
-99.97 To 131.9 %

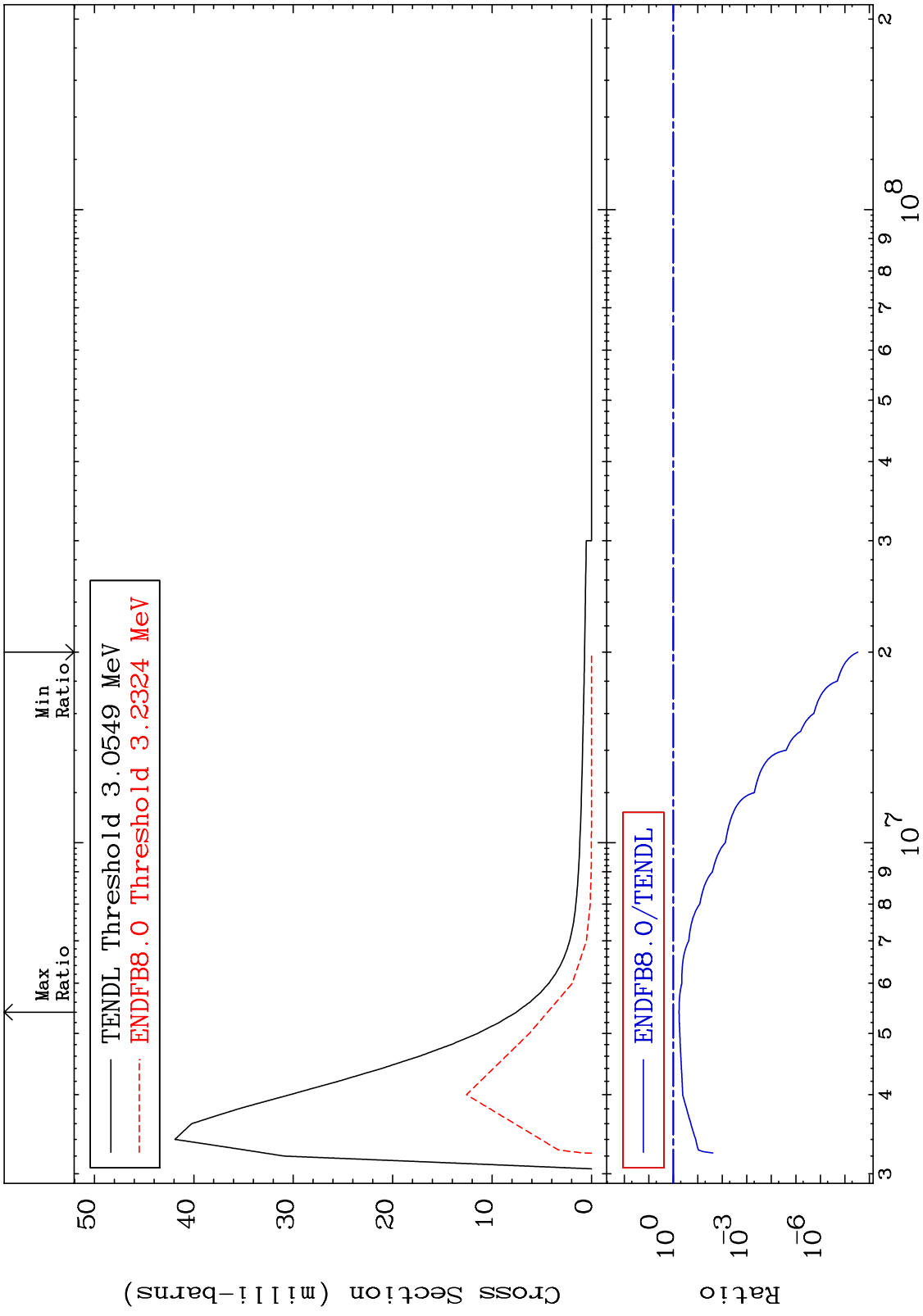


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Incident Energy (eV)

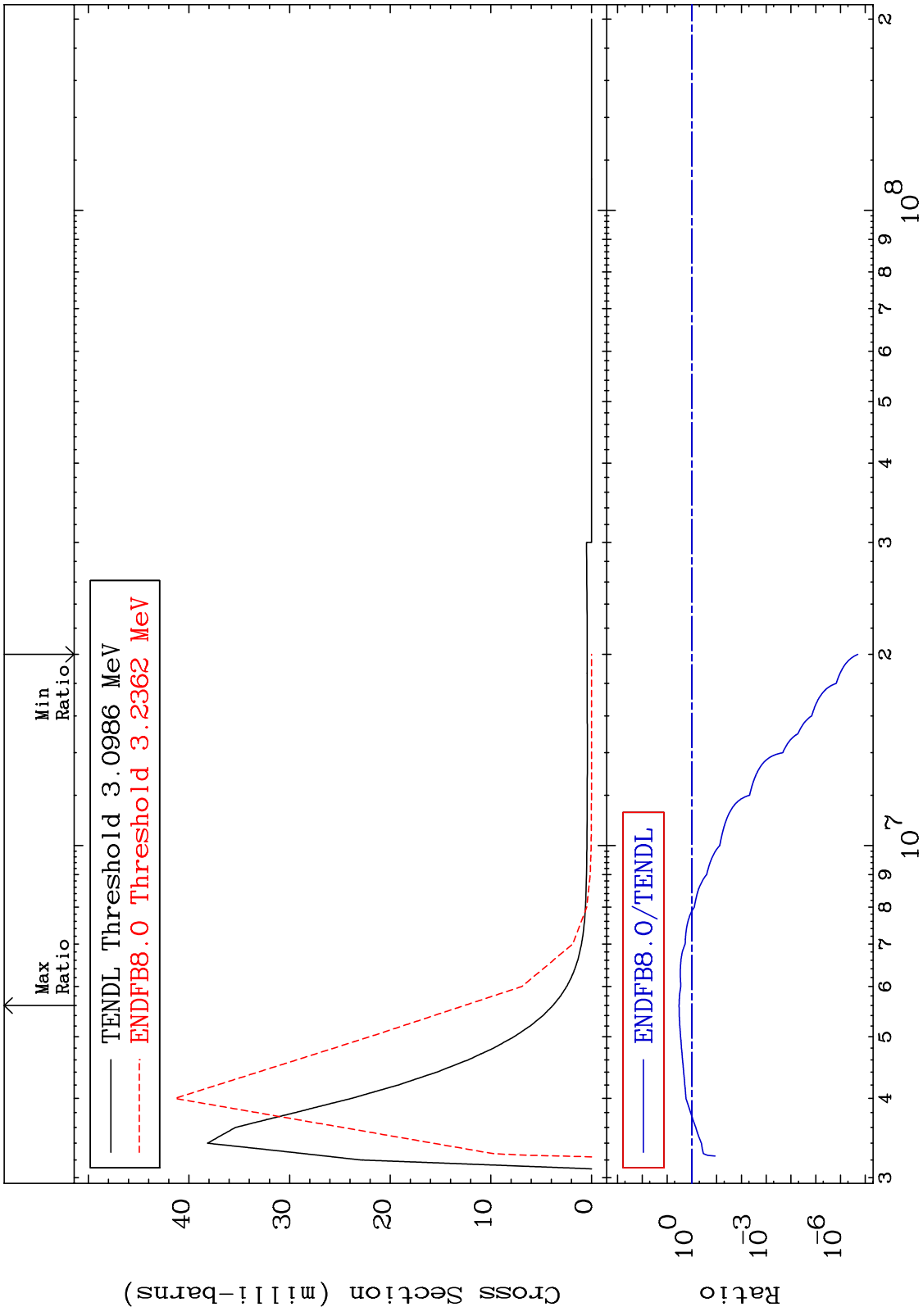
50-Sn-114

MAT 5031 MT= 74 (n,n') Level Cross Section 50-Sn-114 -100.0 To -41.56%

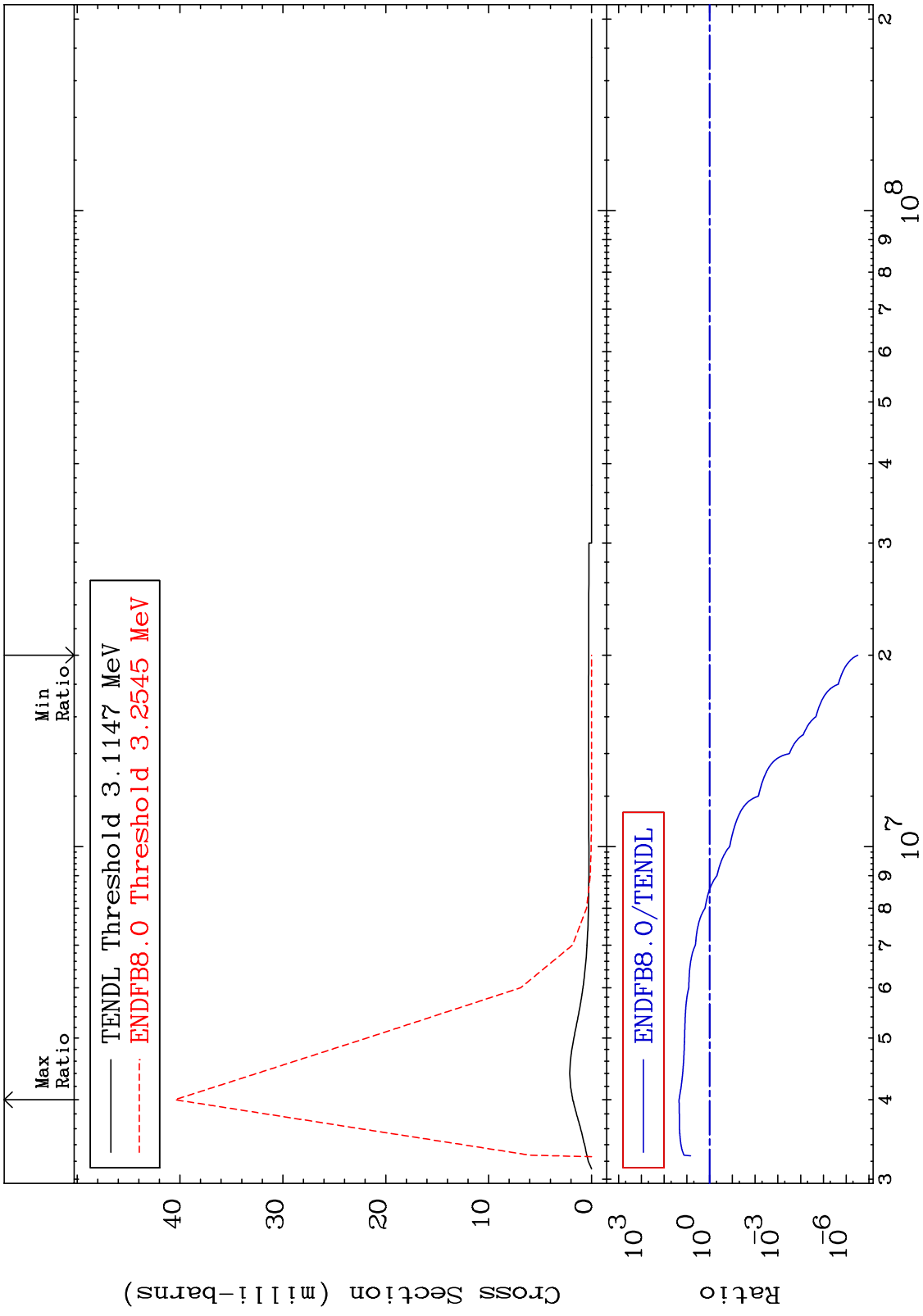




MAT 5031 MT= 75 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 229.8 %



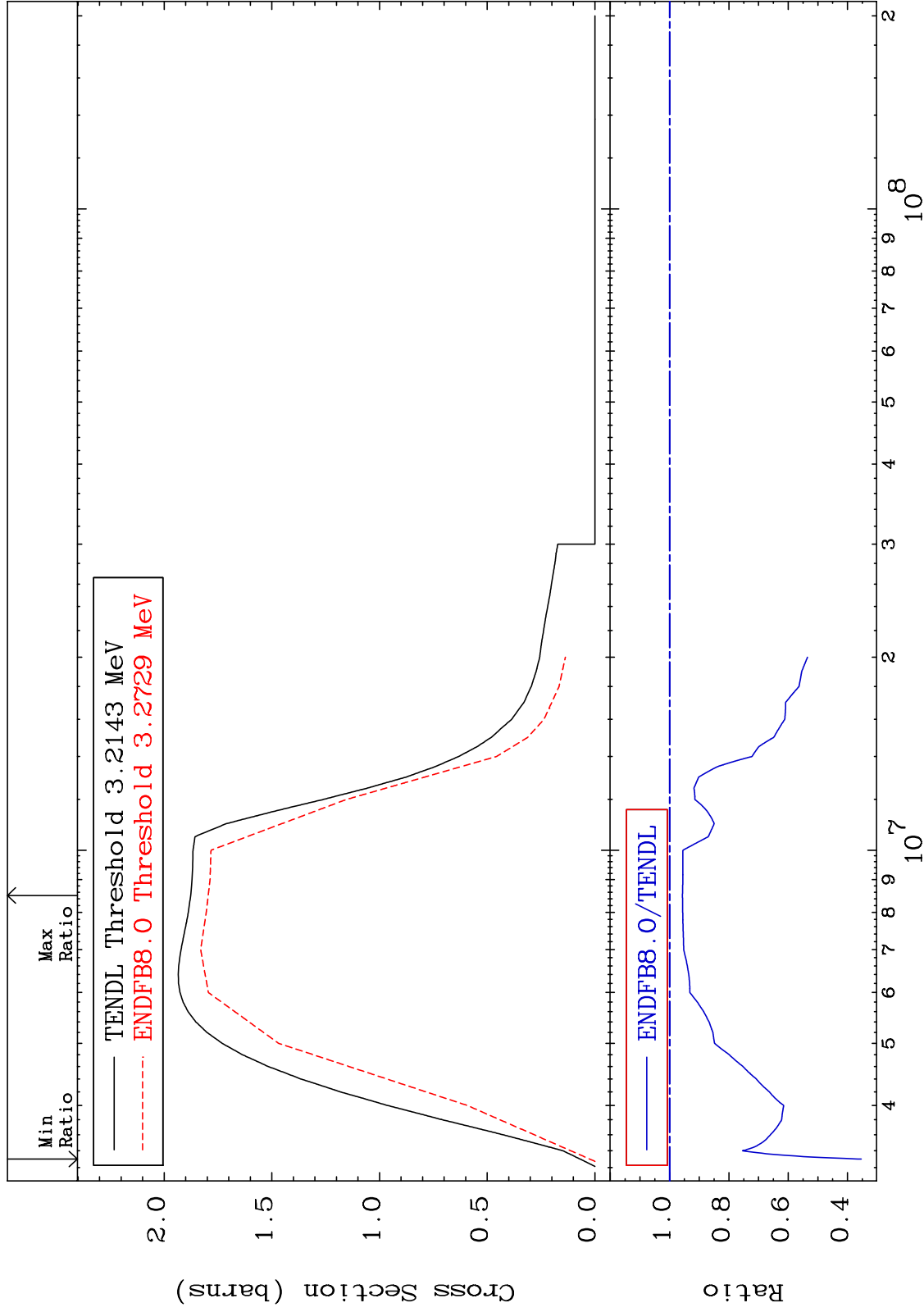
MAT 5031 MT= 76 (n,n') Level Cross Section 50-Sn-114  
 -100.0 To 2123. %



MAT 5031

(n,n') Continuum  
Cross Section

50-Sn-114  
-64.65 To -4.328%



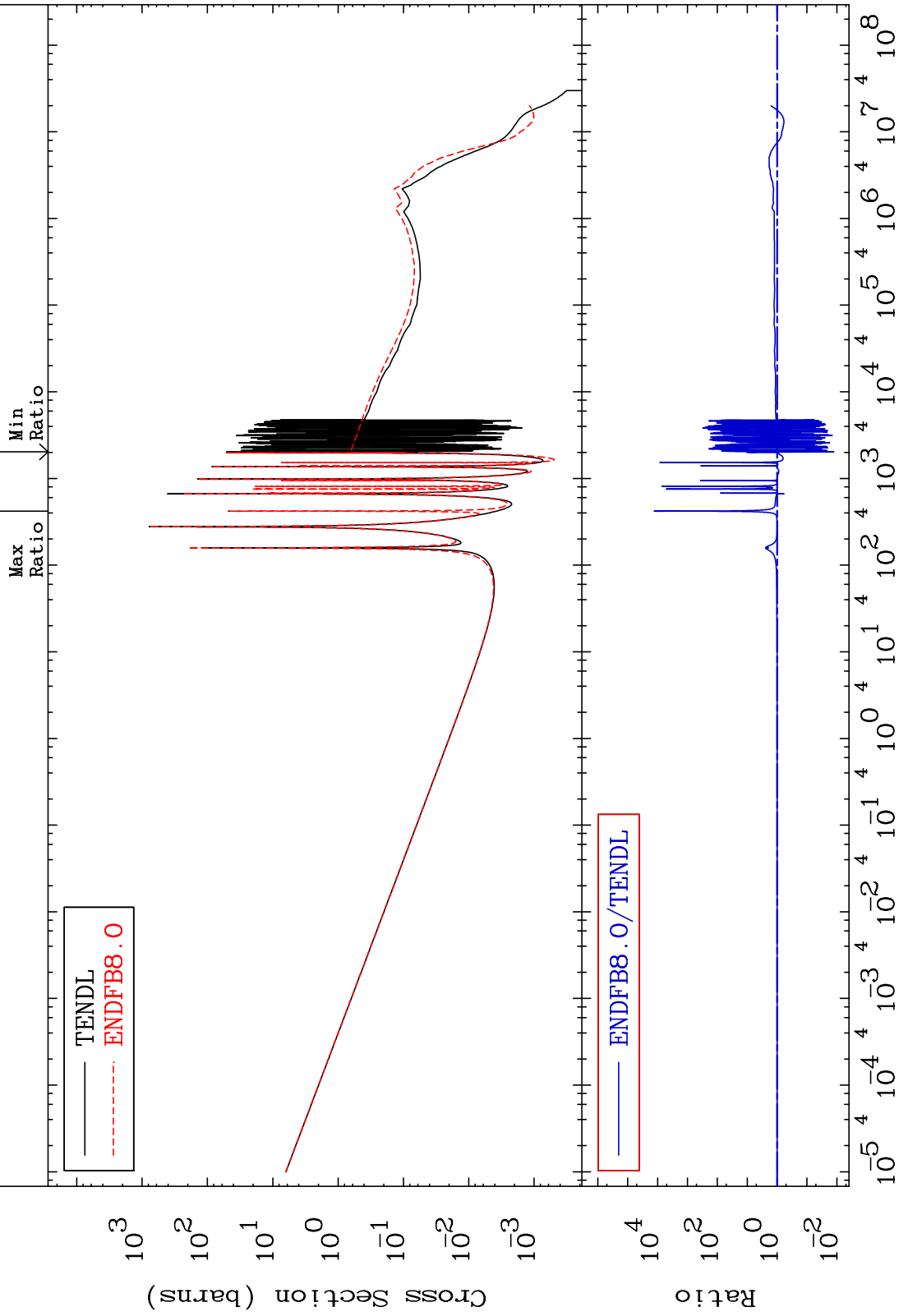
MAT 5031

(n,  $\gamma$ )

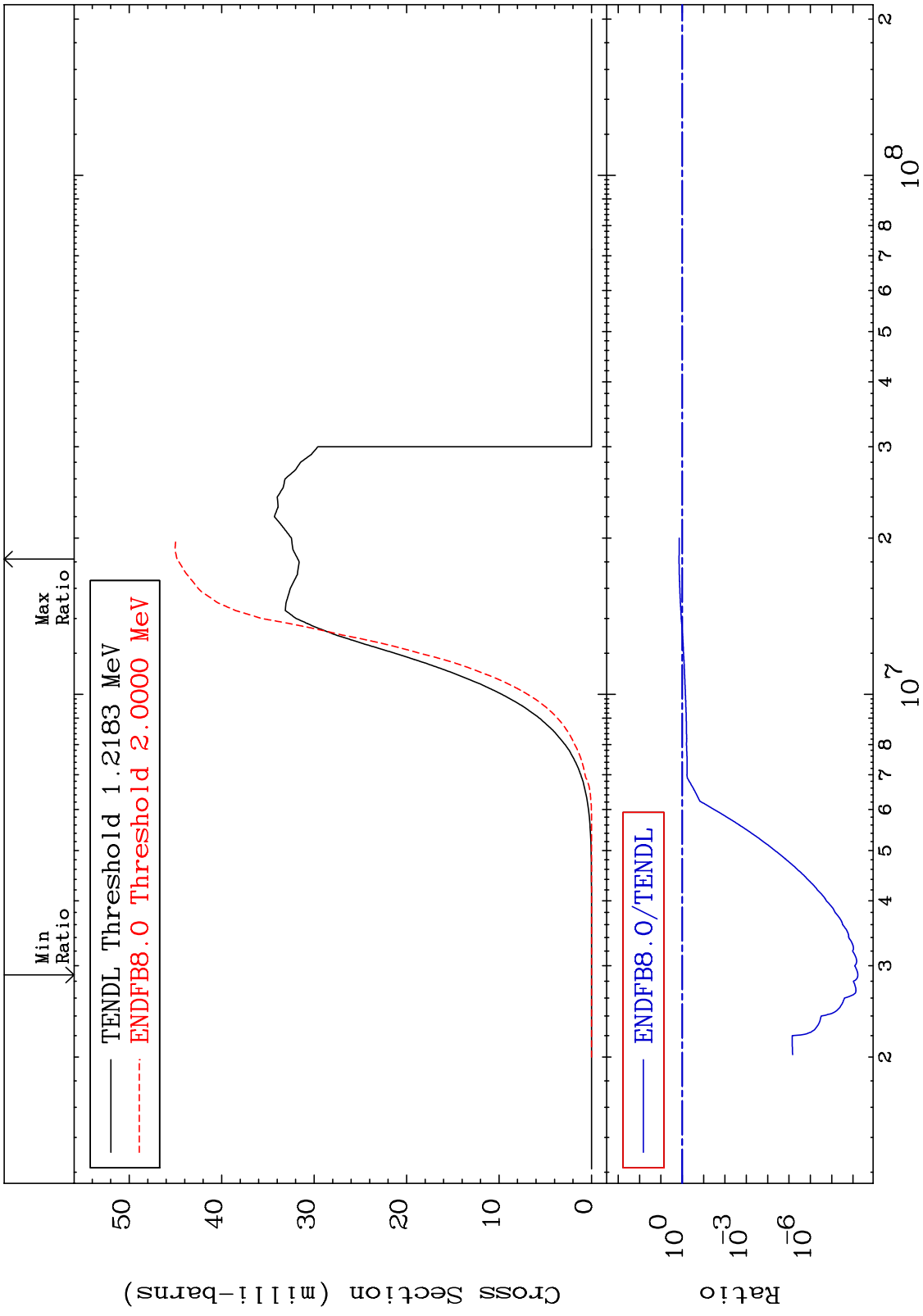
50-Sn-114

-98.72 To 9999. %

Cross Section



MAT 5031 50-Sn-114  
-100.0 To 41.14 %  
(n,p) Cross Section



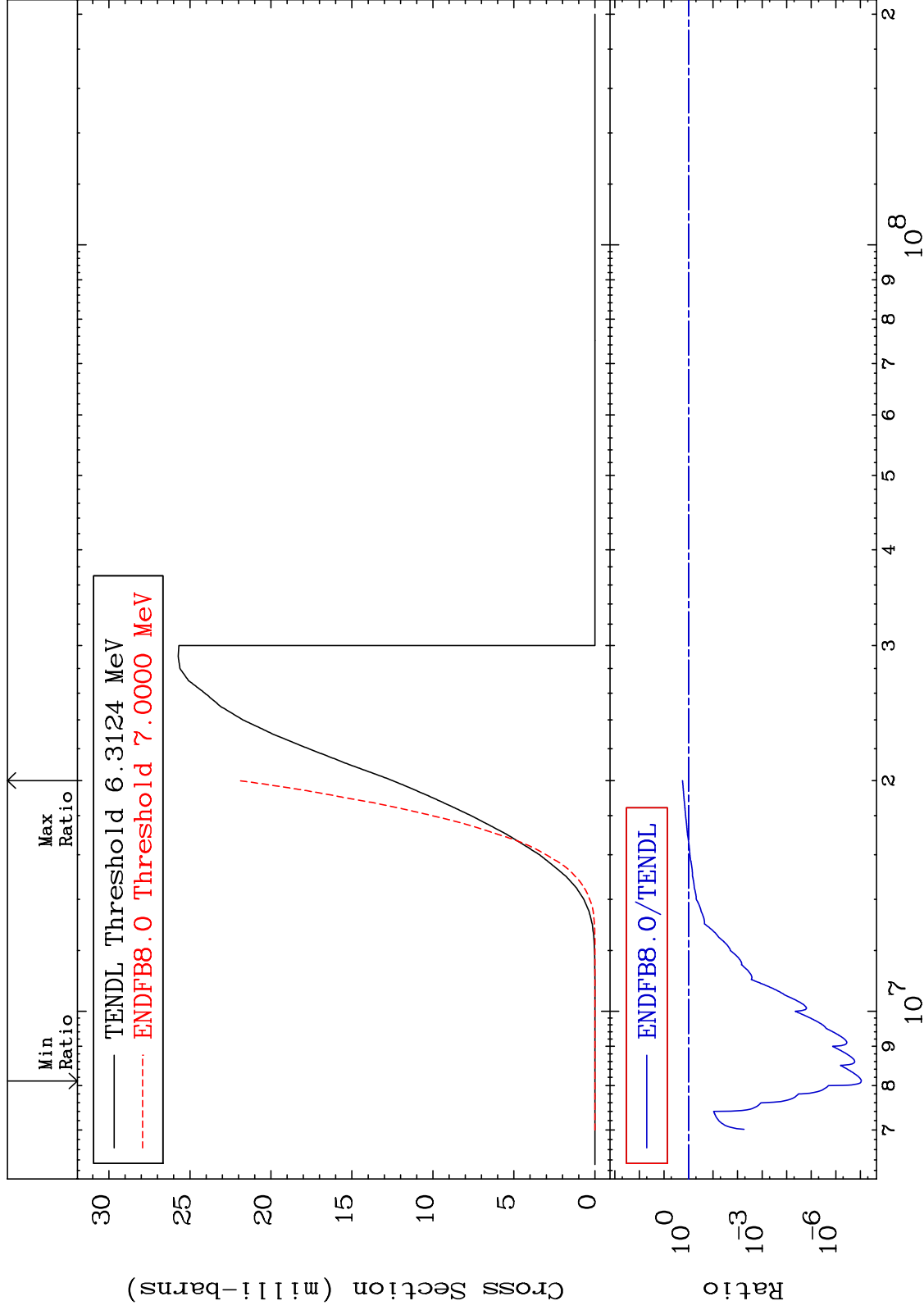
MAT 5031

(n,d)

50-Sn-114

Cross Section

-100.0 To 76.23 %

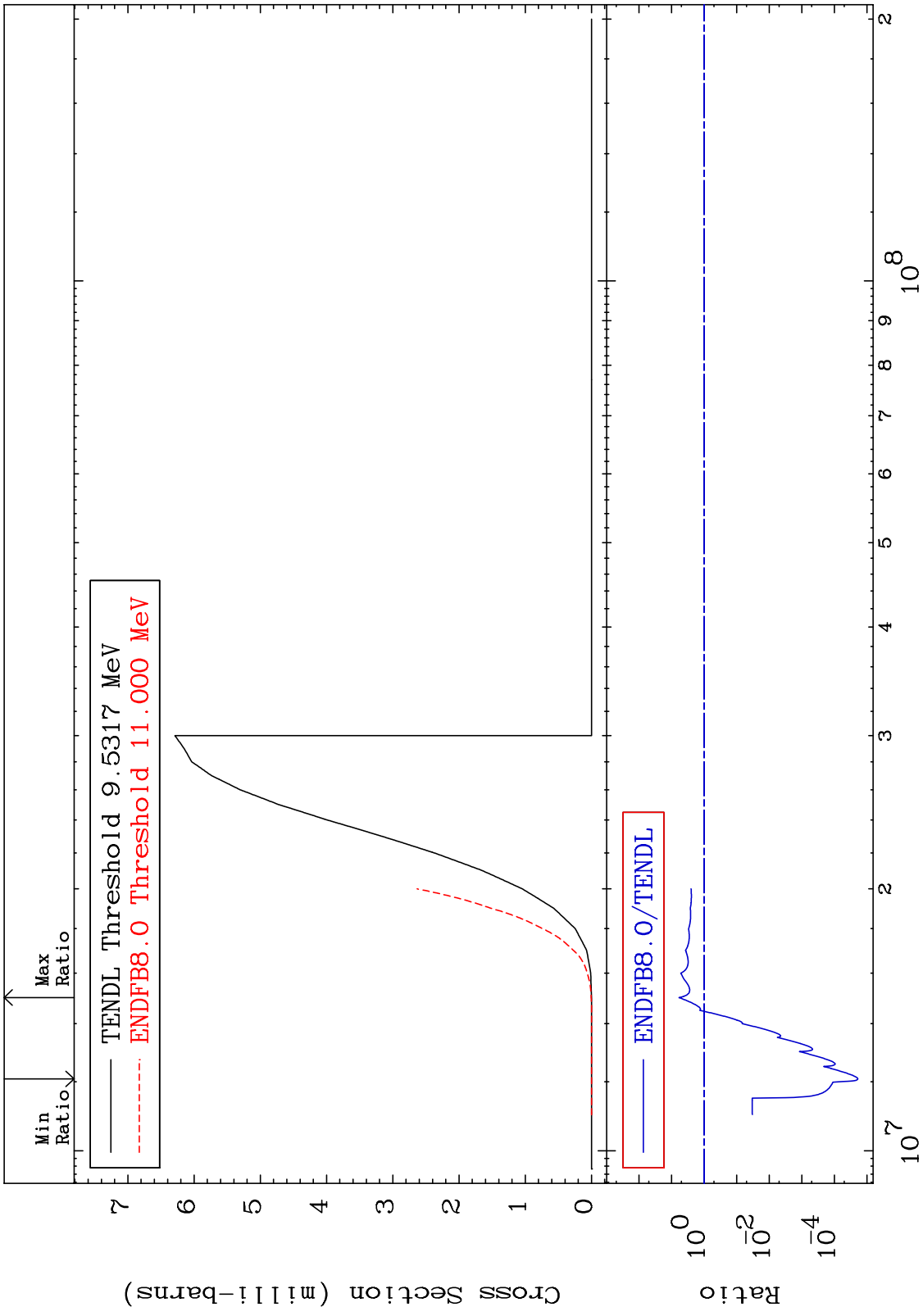


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Incident Energy (eV)

50-Sn-114

MAT 5031 (n,t) 50-Sn-114  
 Cross Section -100.0 To 489.7 %



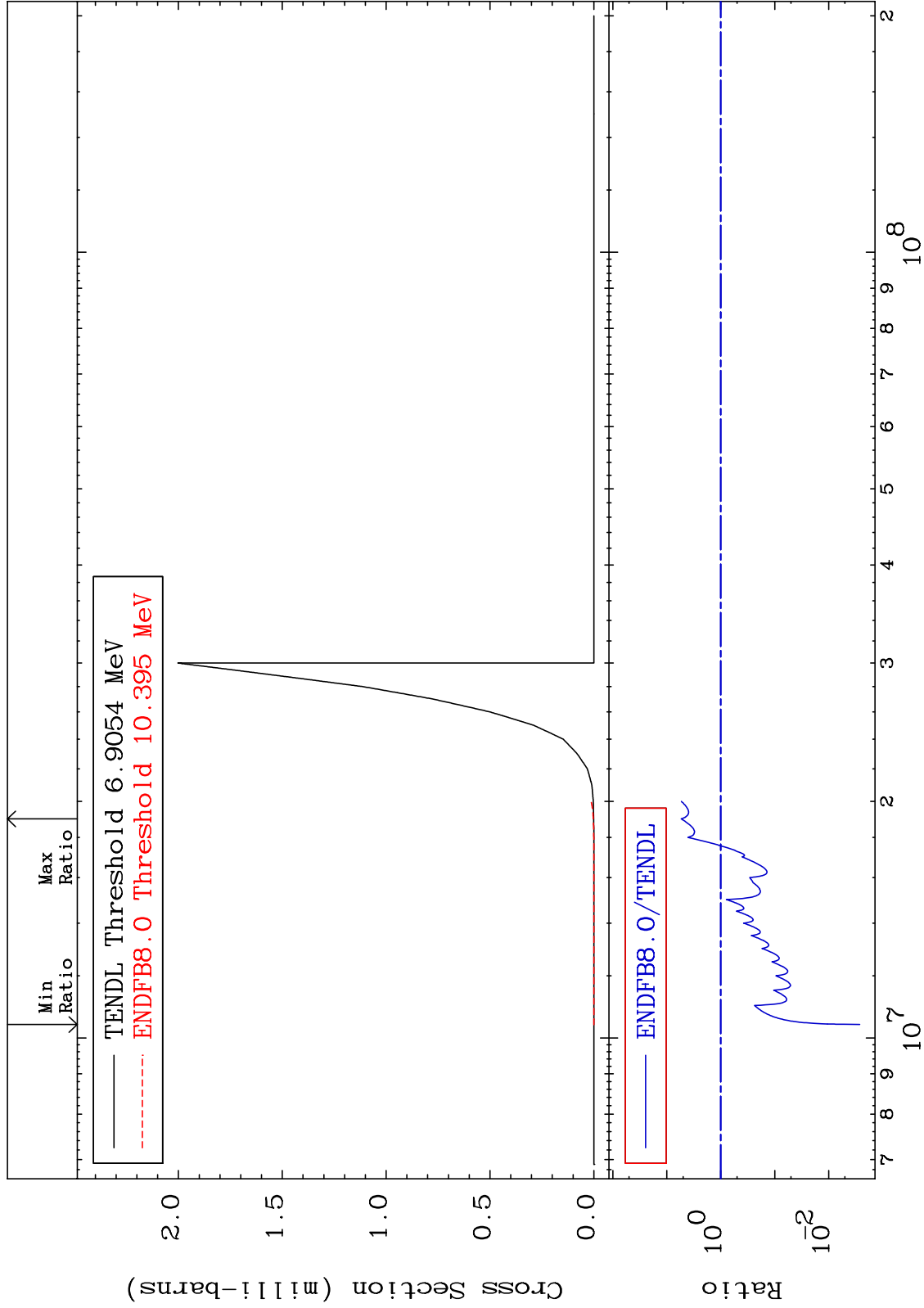
MAT 5031

(n, He-3)

50-Sn-114

Cross Section

-99.73 To 439.9 %





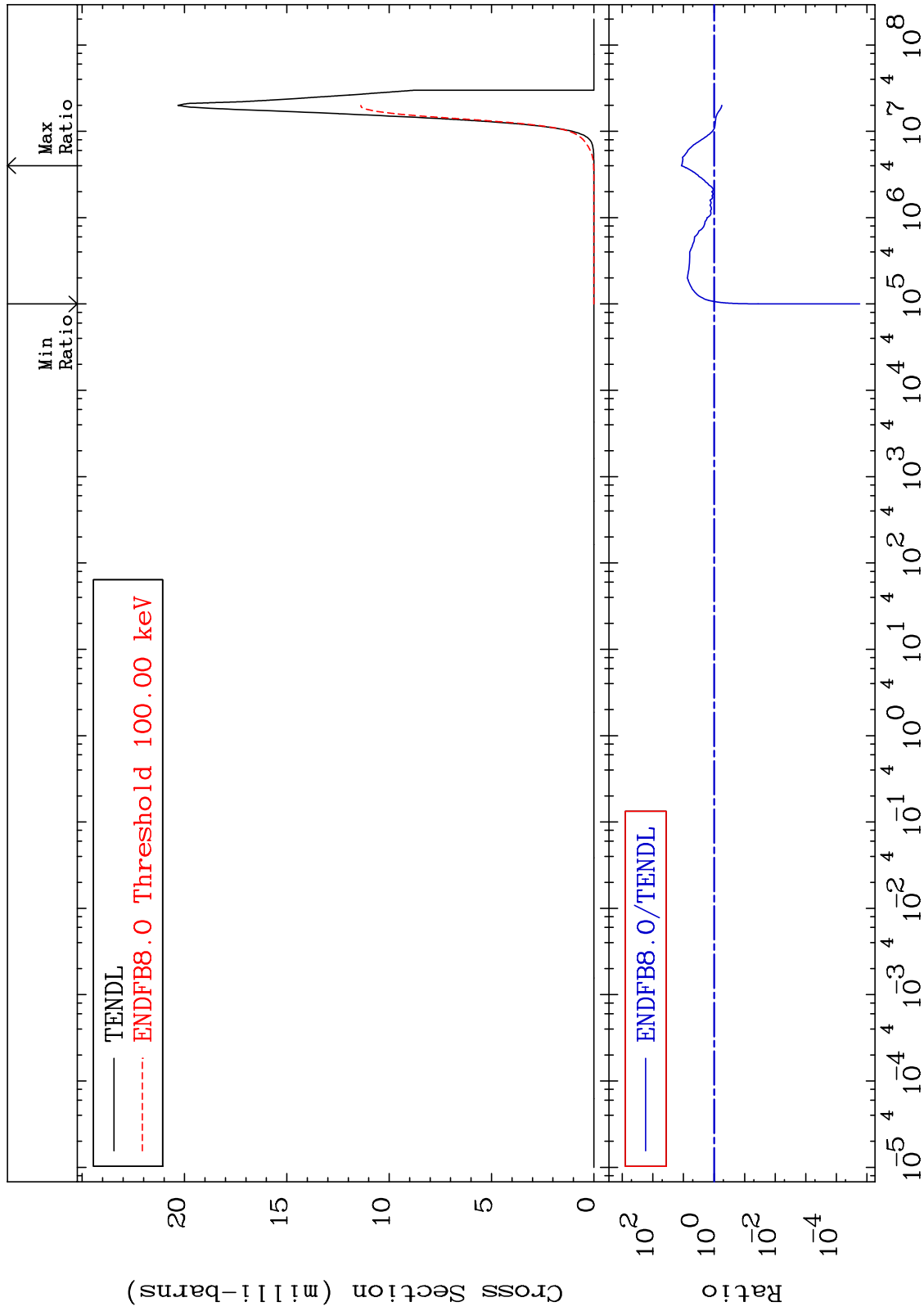
MAT 5031

(n,  $\alpha$ )

50-Sn-114

Cross Section

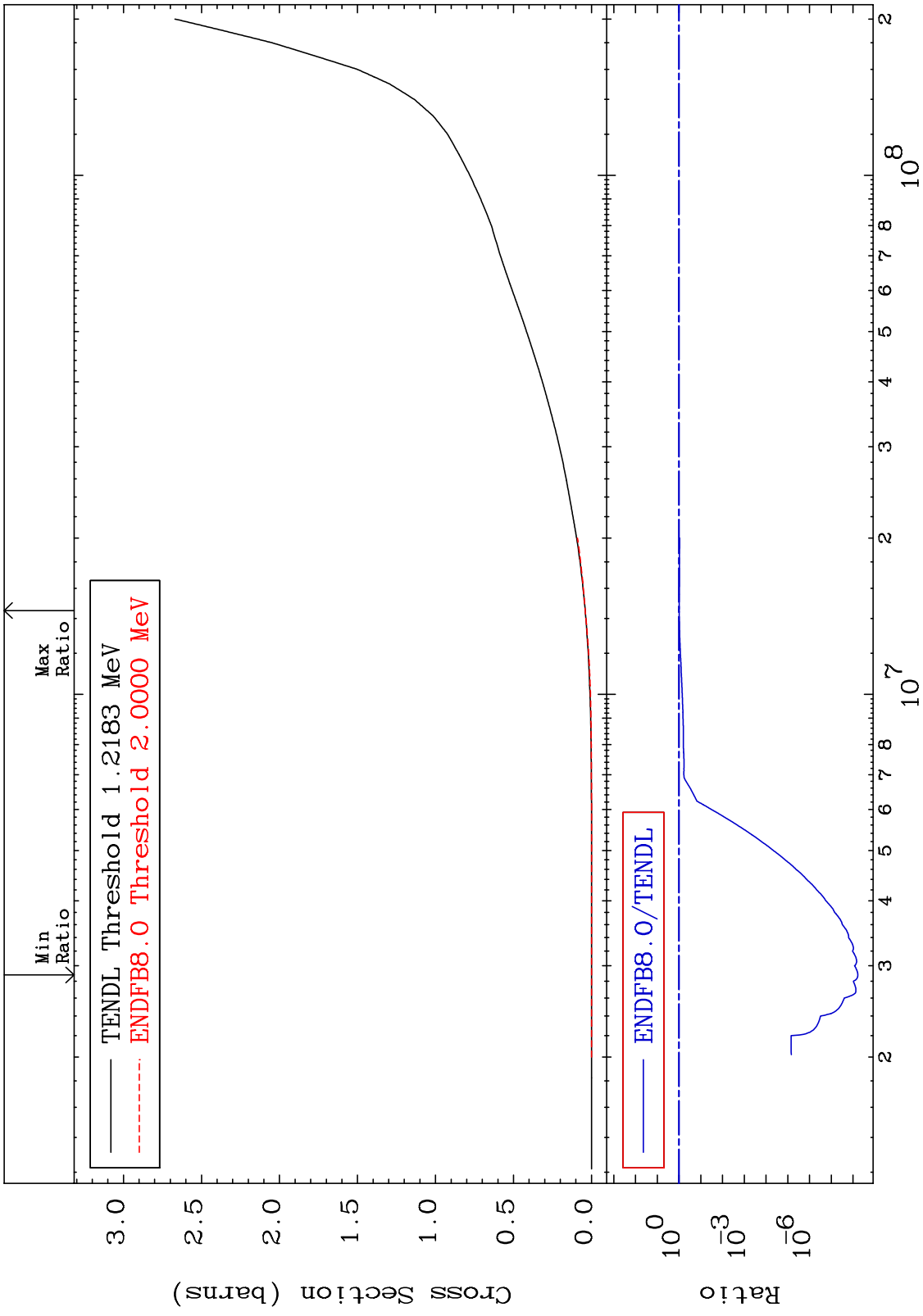
-100.0 To 1082. %



40

Incident Energy (eV)

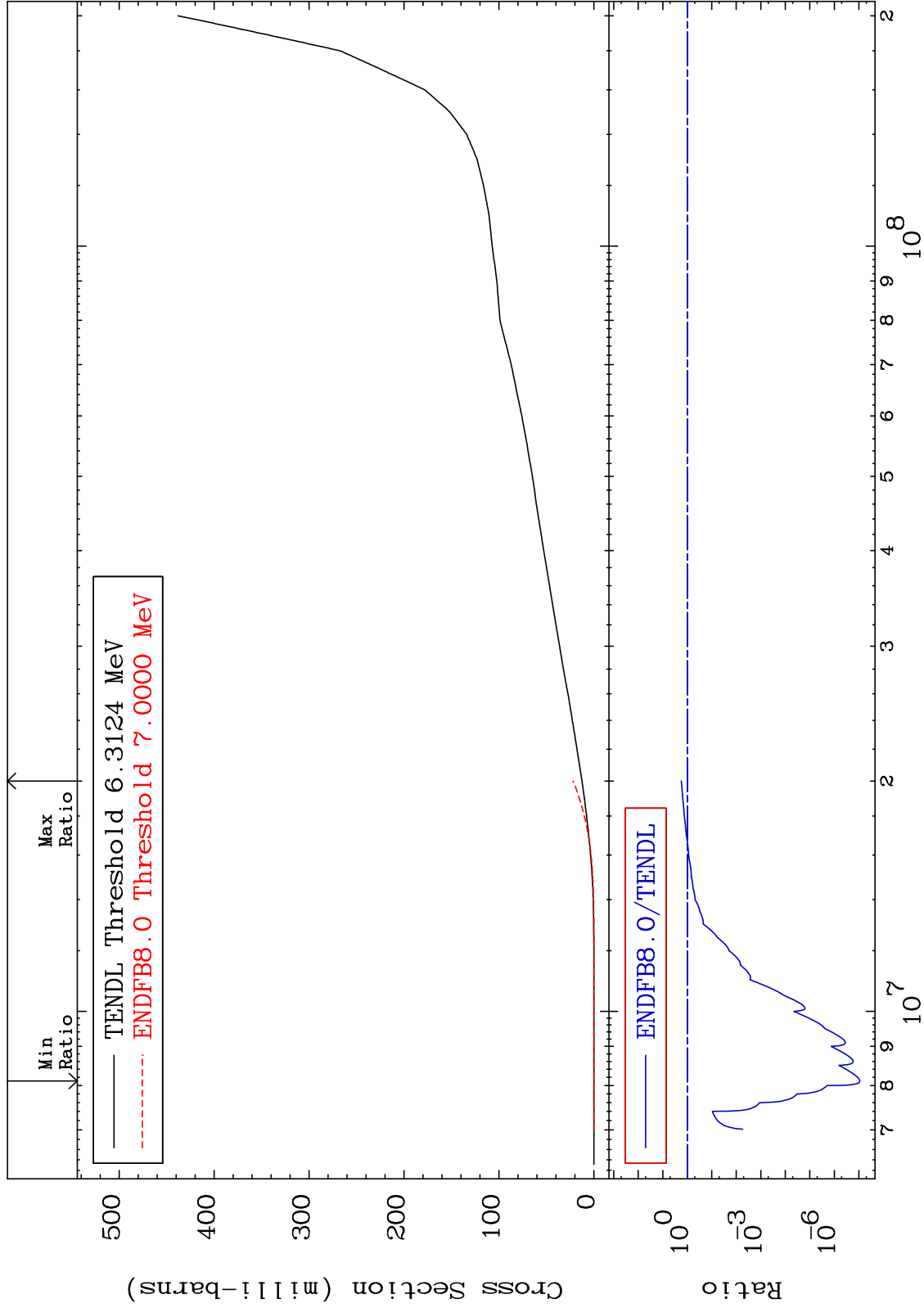
50-Sn-114



MAT 5031

Deuterium Production  
Cross Section

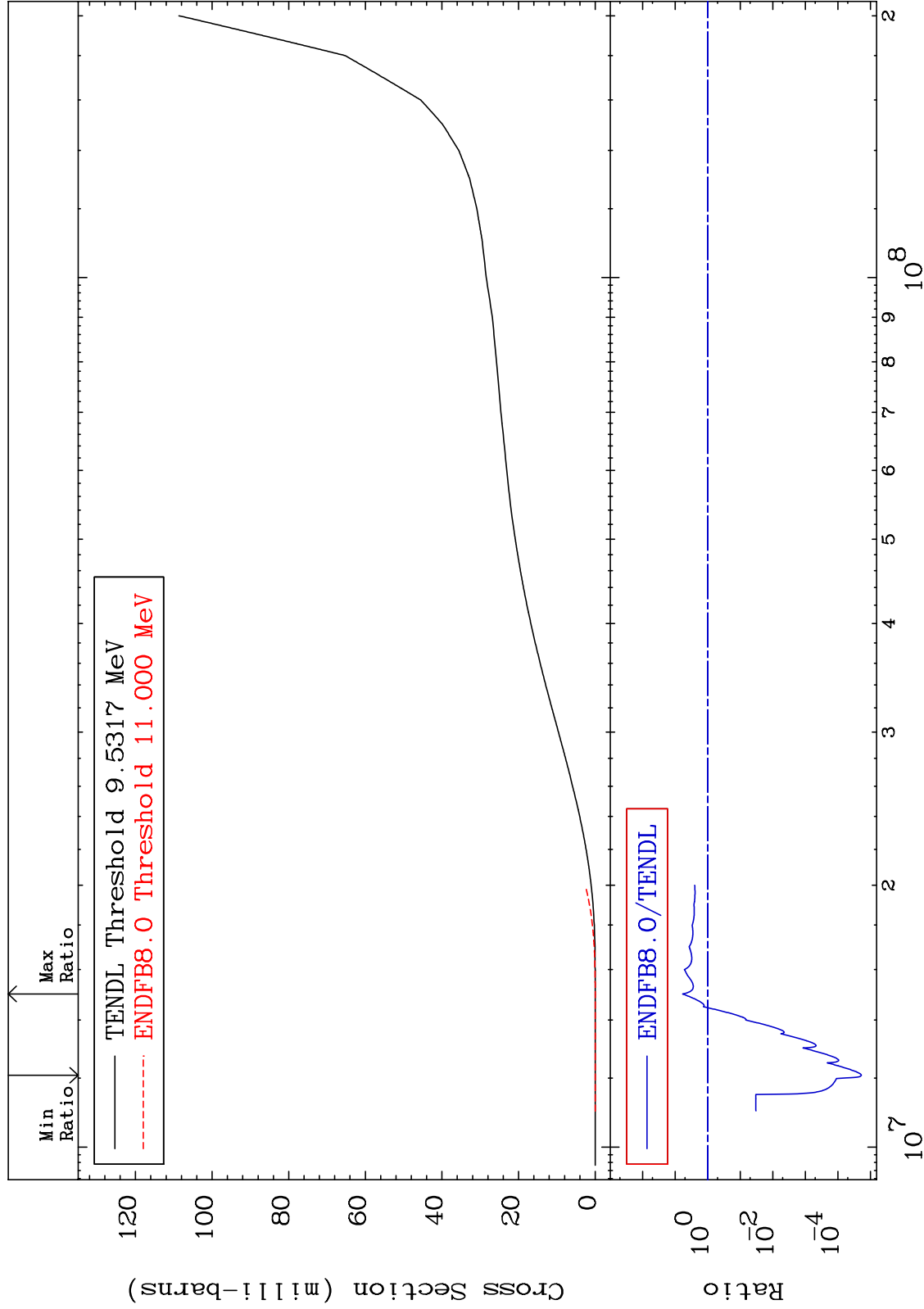
50-Sn-114  
-100.0 To 76.22 %



MAT 5031

Tritium Production  
Cross Section

50-Sn-114  
-100.0 To 489.7 %



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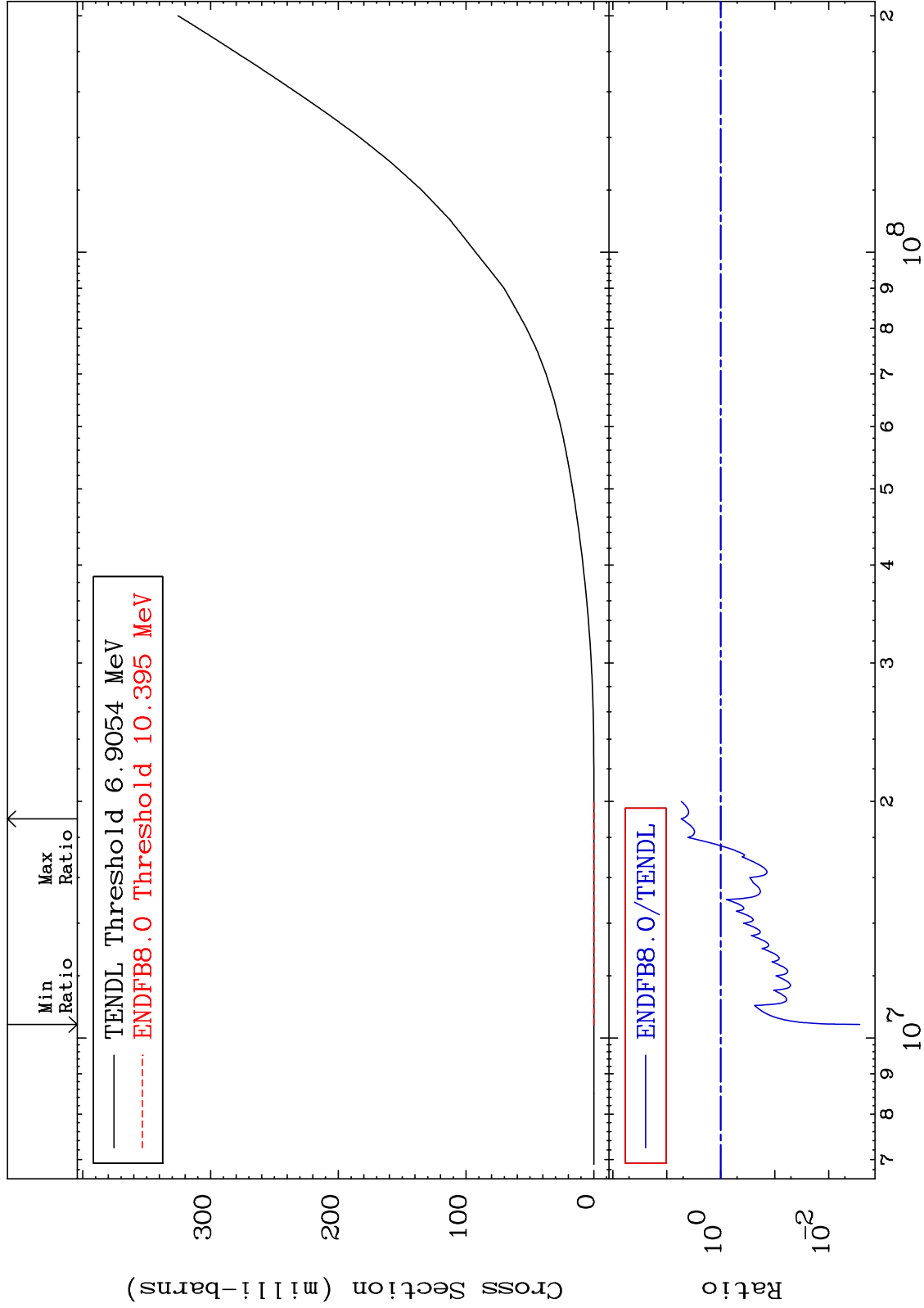
Incident Energy (eV)

50-Sn-114

MAT 5031

He-3 Production  
Cross Section

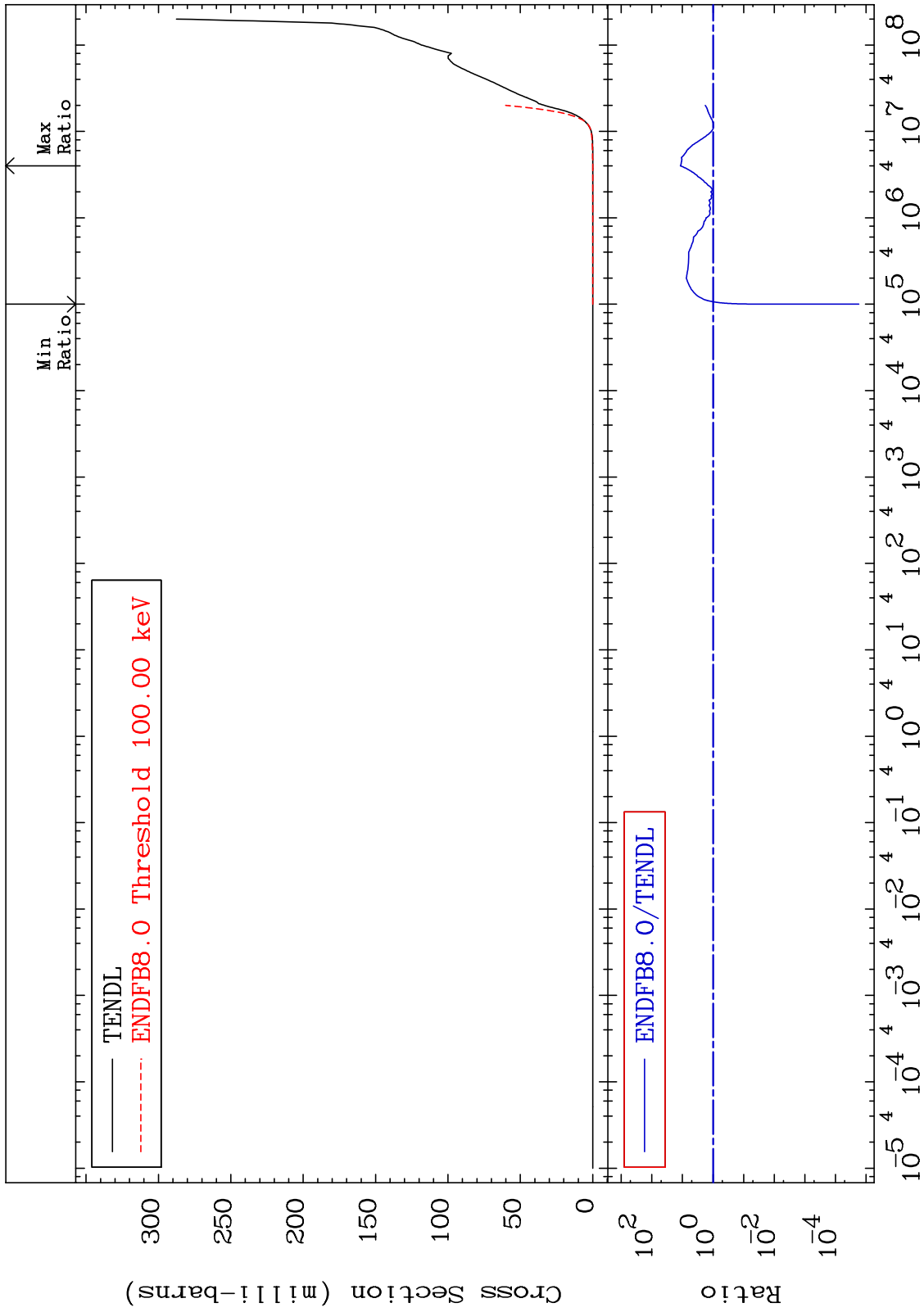
50-Sn-114  
-99.73 To 439.9 %



MAT 5031

He-4 Production  
Cross Section

50-Sn-114  
-100.0 To 1082. %

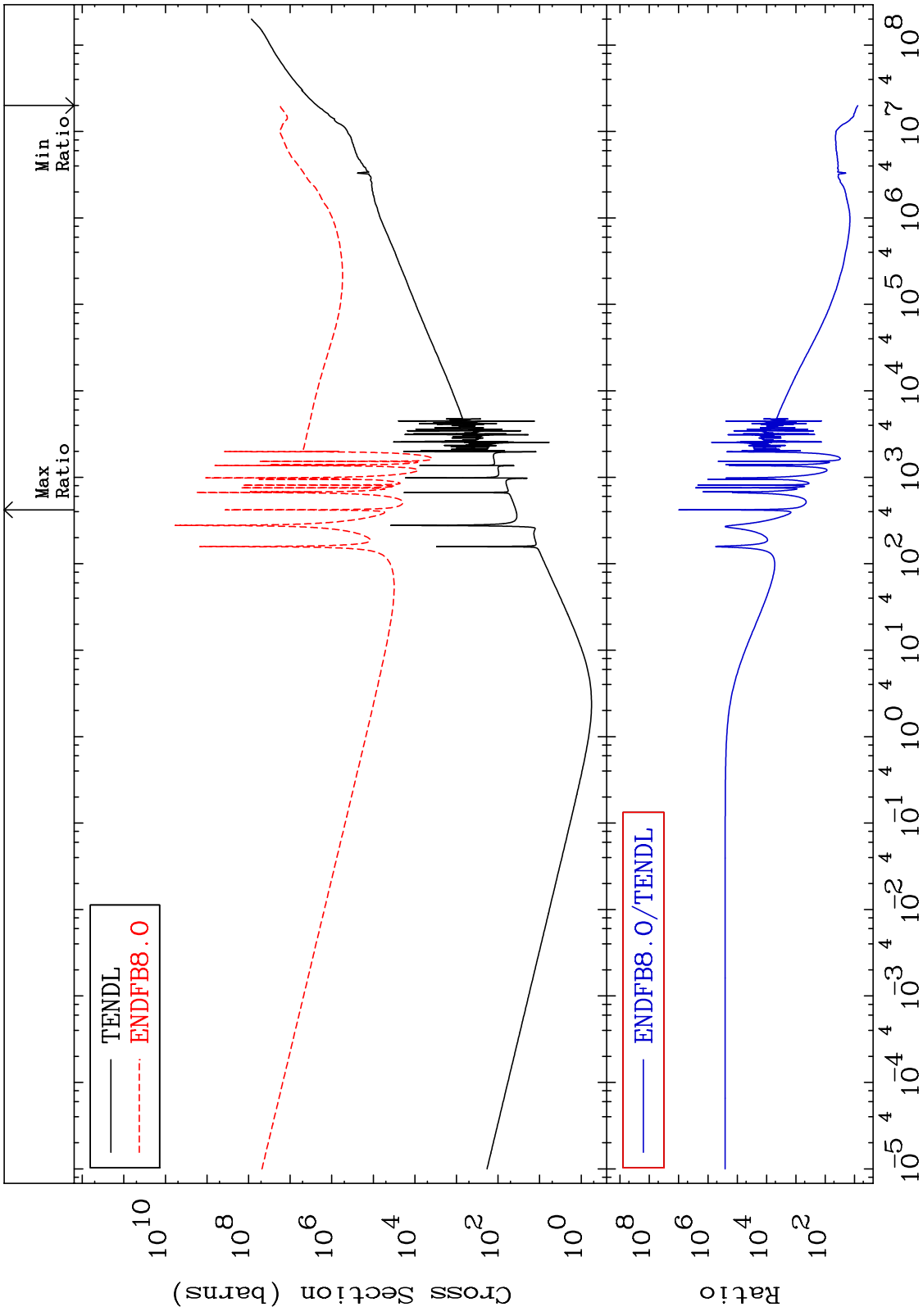


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Incident Energy (eV)

50-Sn-114

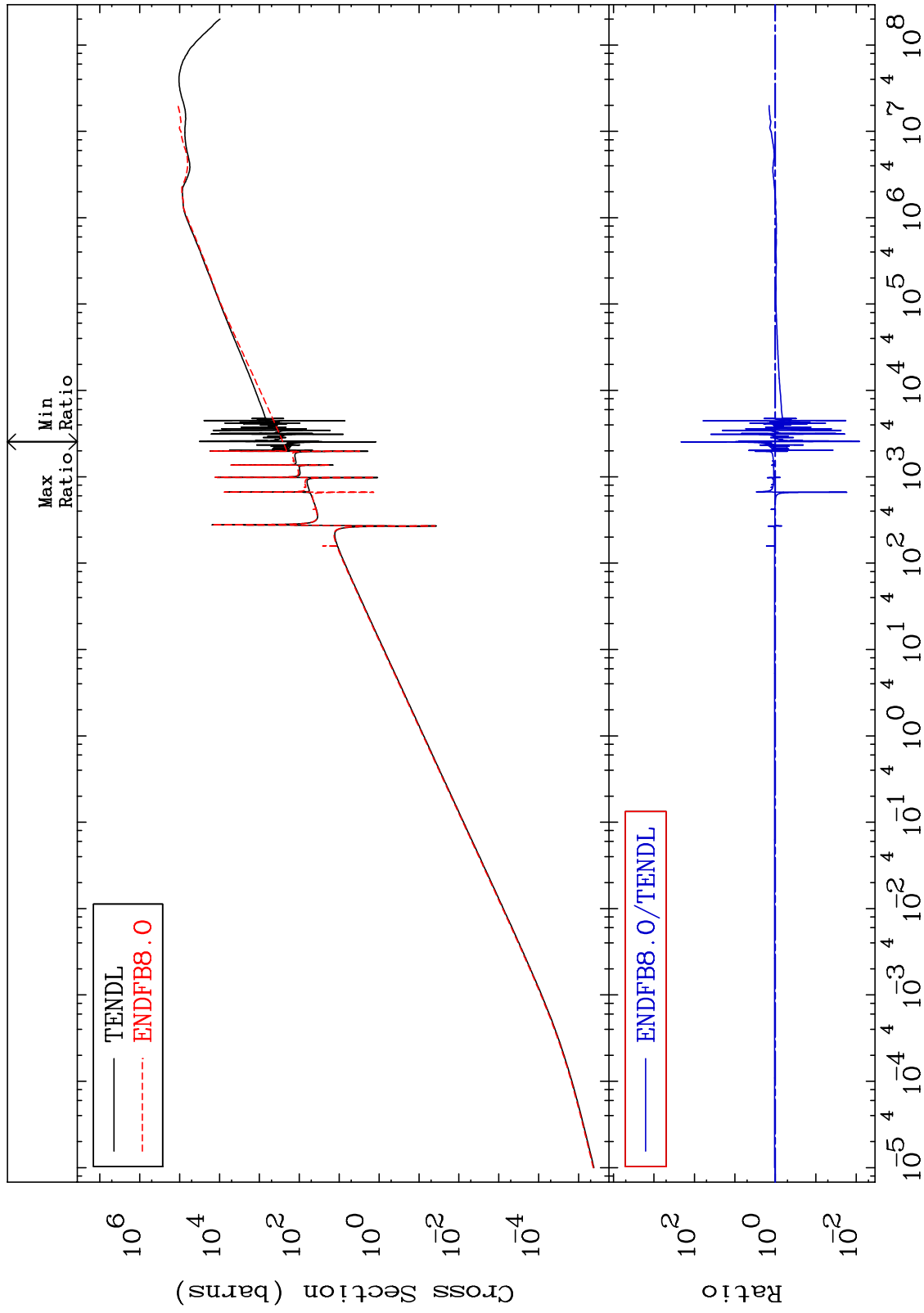
MAT 5031      Kerma total (eV-barns)      50-Sn-114  
 Cross Section      668.0      To 9999. %



MAT 5031

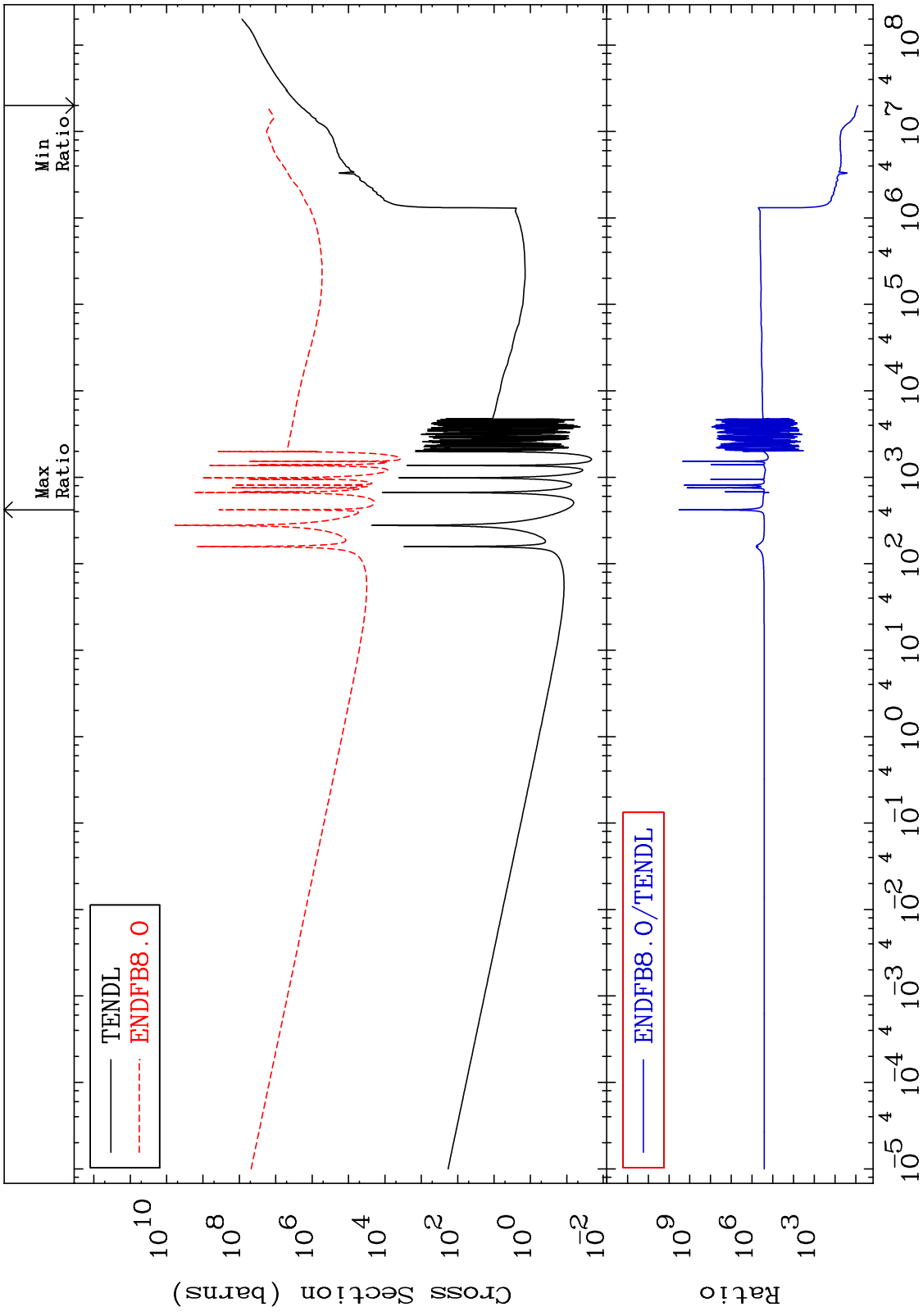
Kerma elastic  
Cross Section

50-Sn-114  
-99.18 To 9999. %

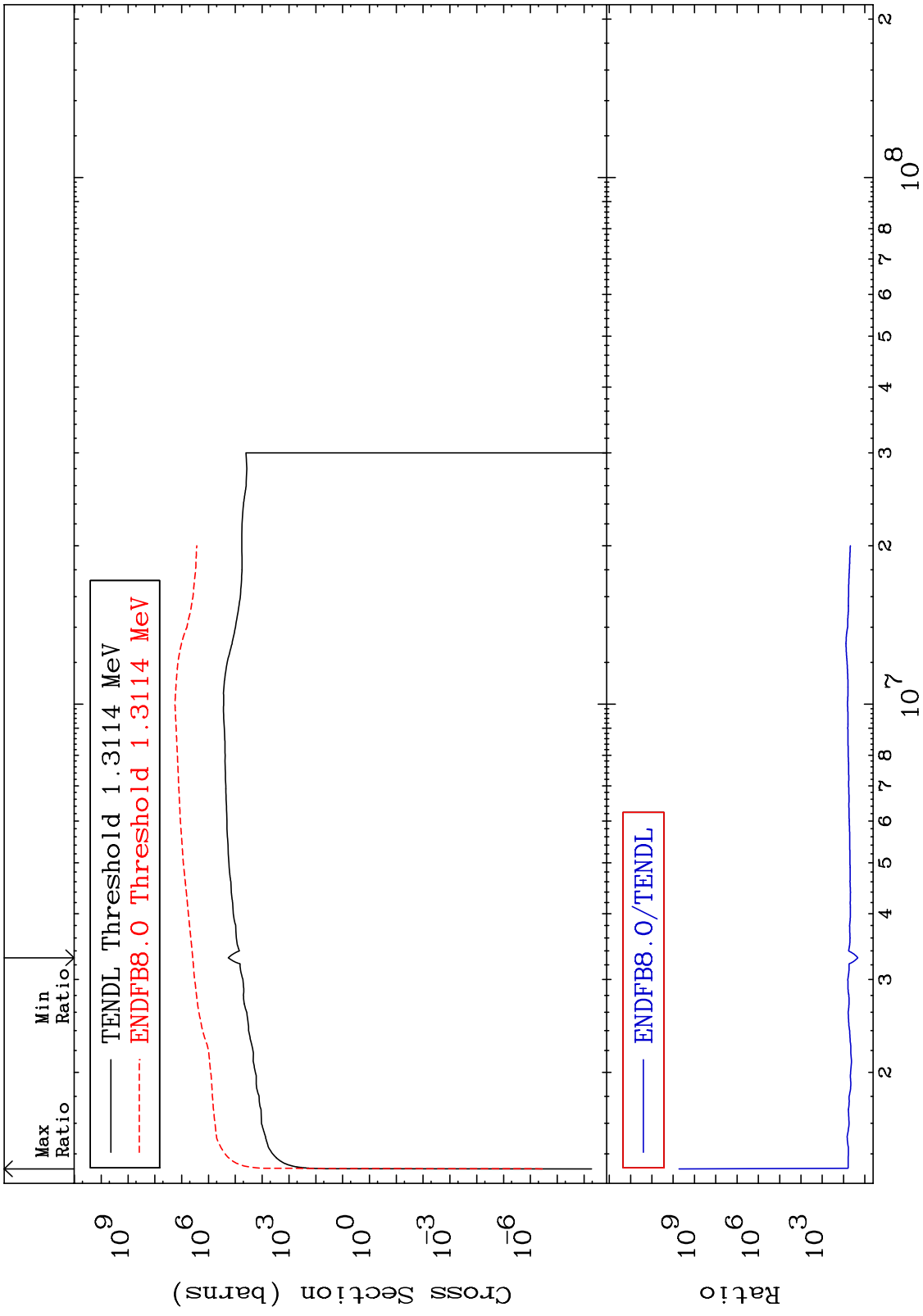




MAT 5031 Kerma non-elastic (all but mt2) 50-Sn-114  
 Cross Section 690.2 To 9999. %



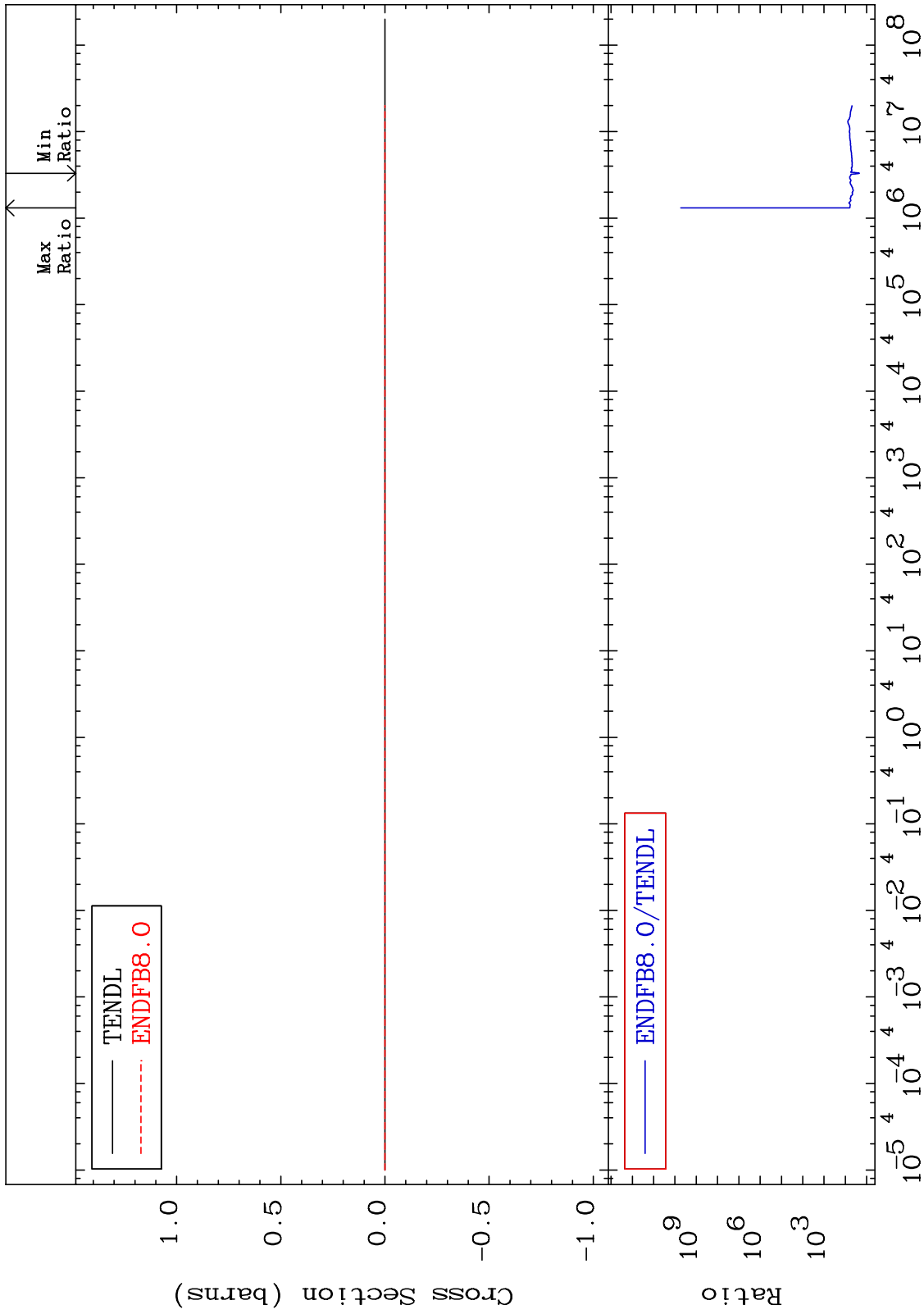
MAT 5031      Kerma inelastic (mt51-91)      50-Sn-114  
 Cross Section      2031. To 9999. %



MAT 5031

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

50-Sn-114  
2031. To 9999. %



50

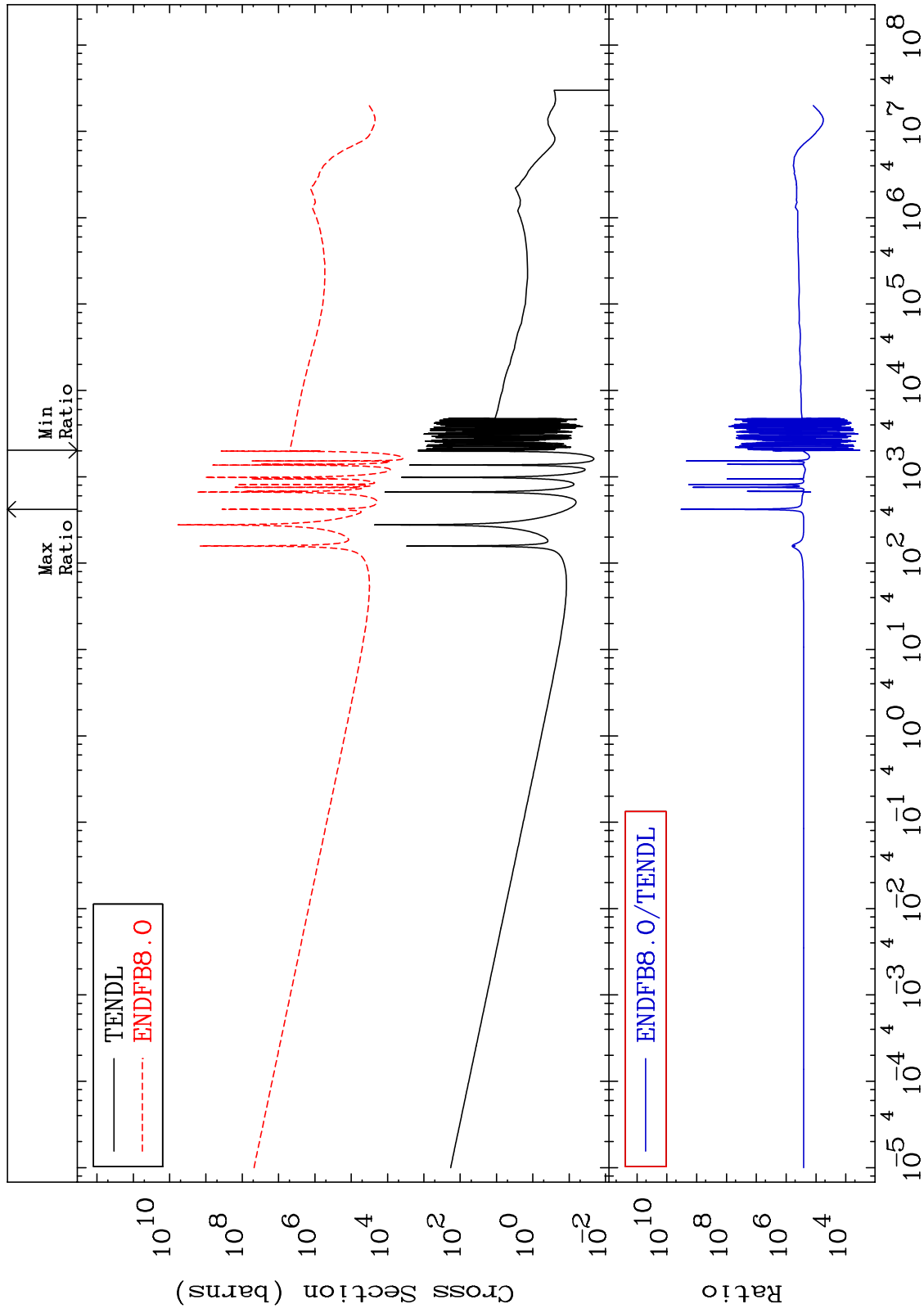
Incident Energy (eV)

50-Sn-114

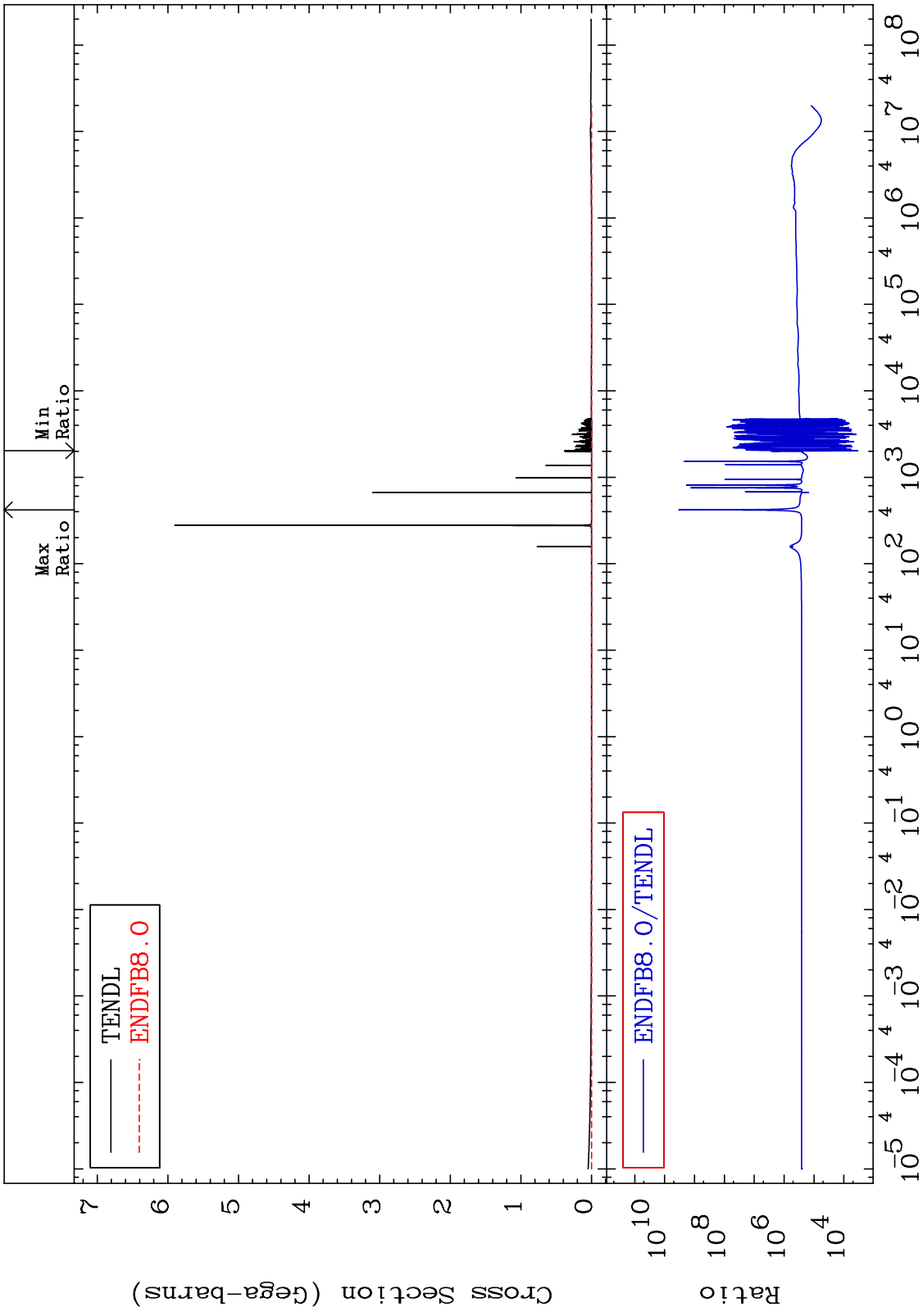
MAT 5031

Kerma capture (mt102)  
Cross Section

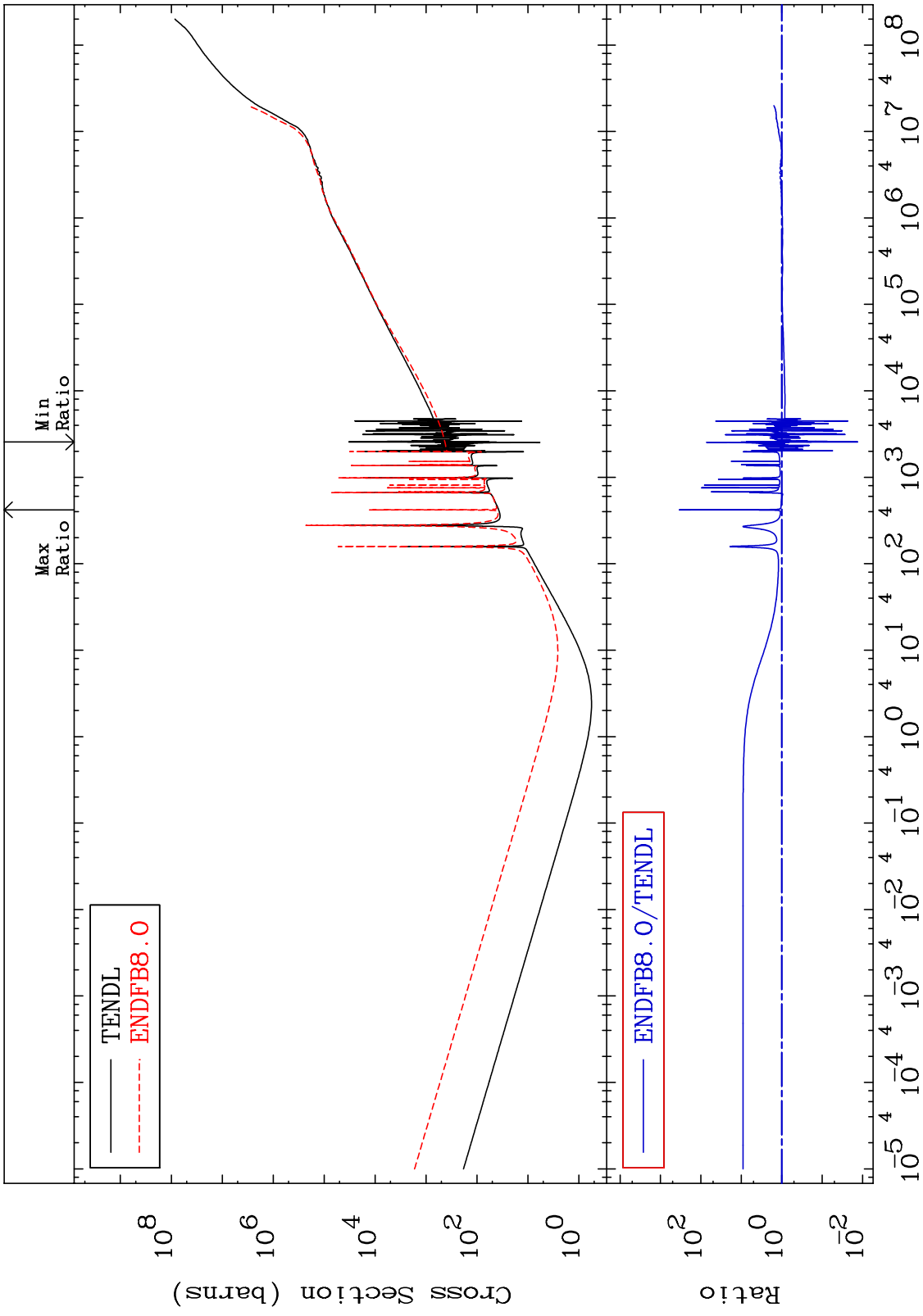
50-Sn-114  
9999. To 9999. %



MAT 5031 Total photon (eV-barns) 50-Sn-114  
Cross Section 9999. To 9999. %



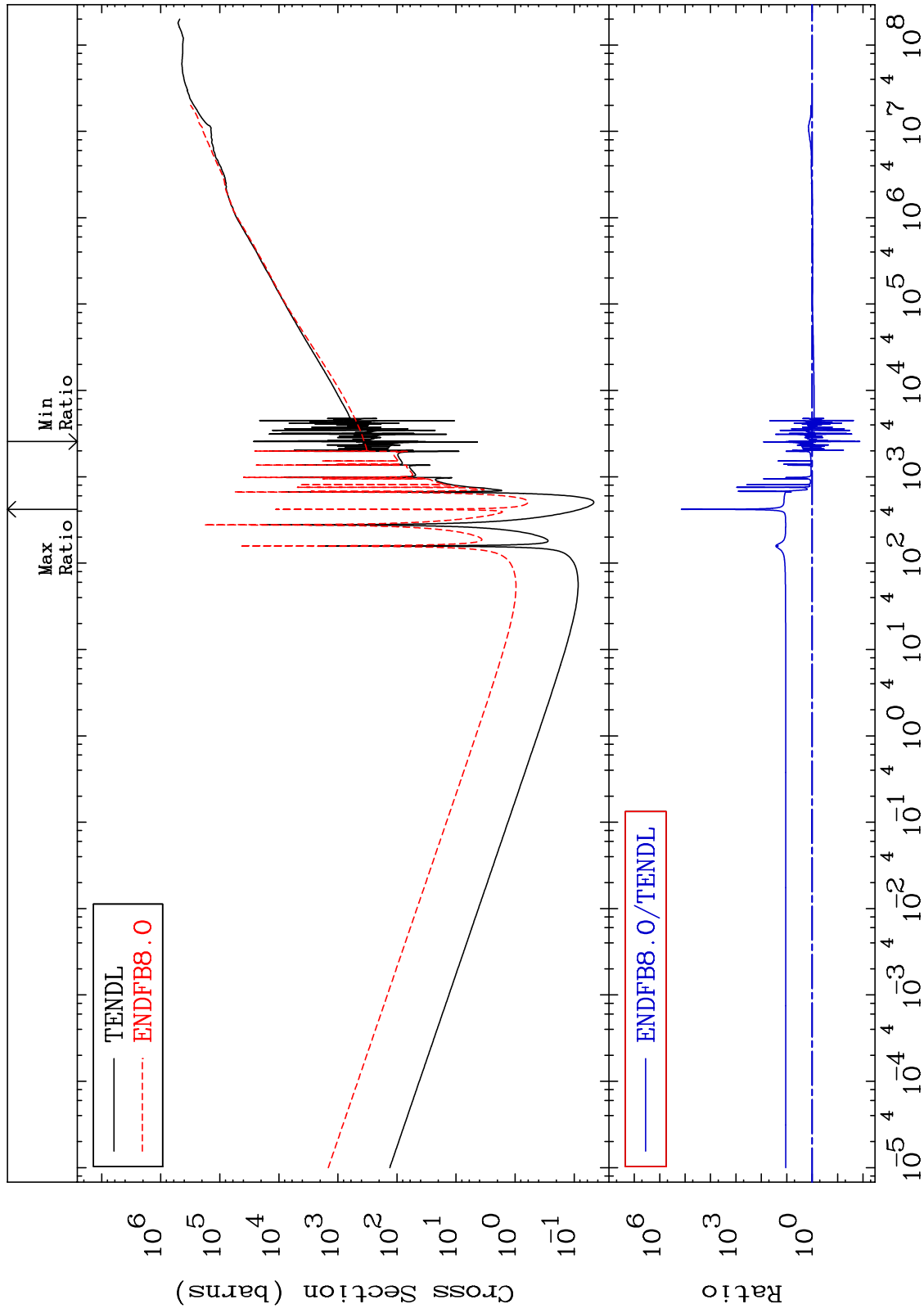
MAT 5031      Total kinematic kerma (high limit)      50-Sn-114  
 Cross Section      -98.69 To 9999. %



MAT 5031

Dpa total (eV-barns)  
Cross Section

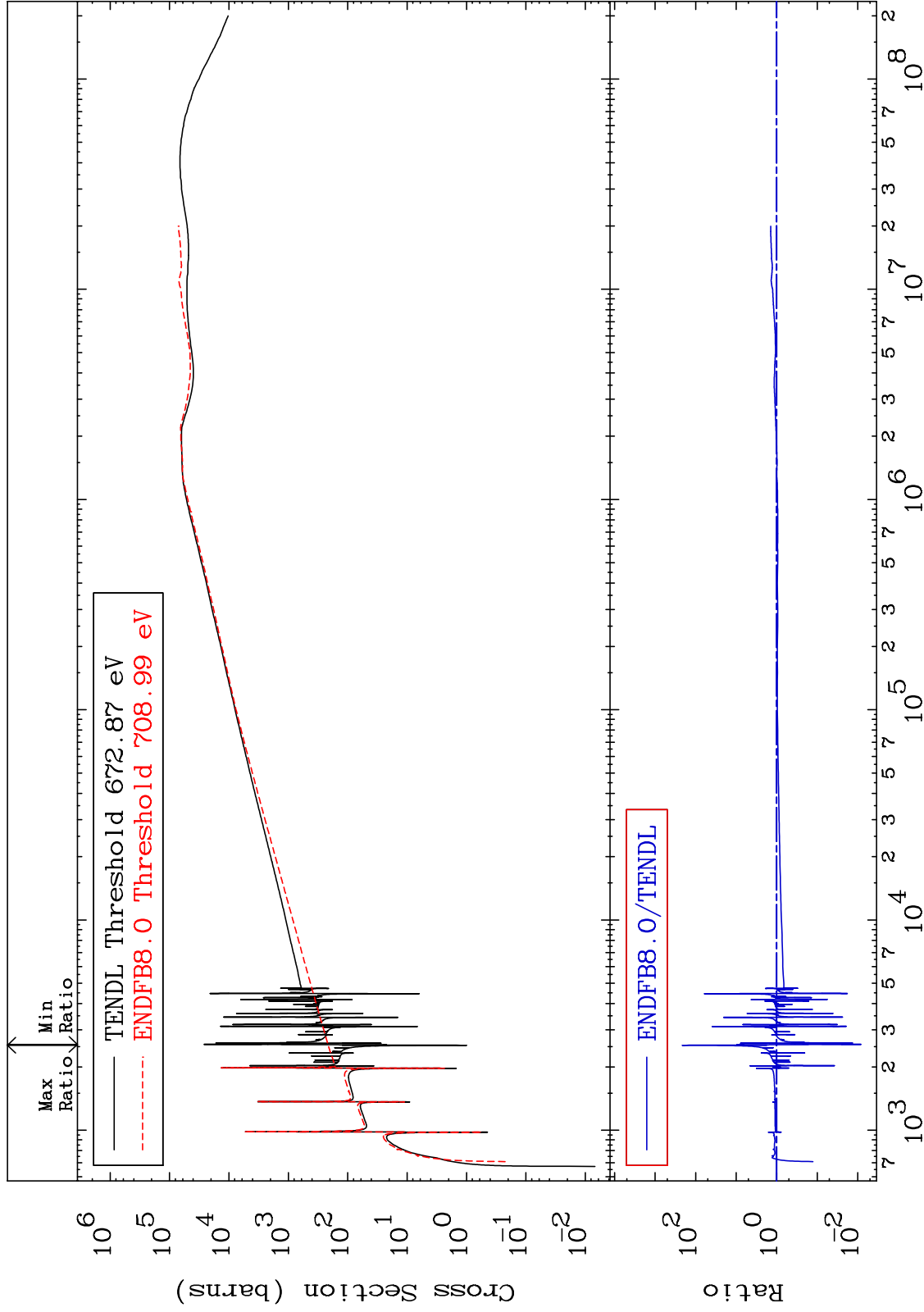
50-Sn-114  
-98.66 To 9999. %



MAT 5031

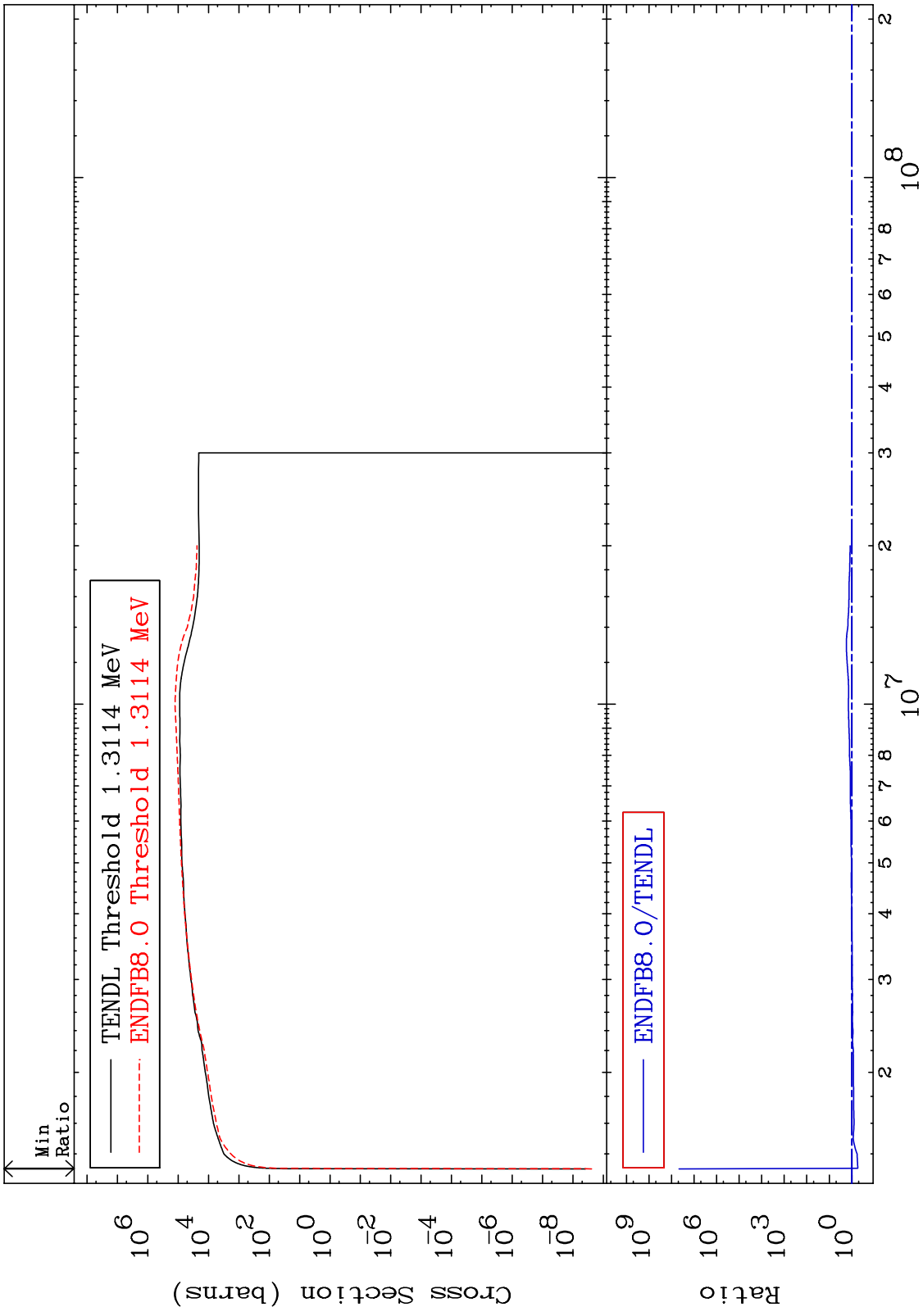
Dpa elastic (mt2)  
Cross Section

50-Sn-114  
-99.18 To 9999. %





MAT 5031      Dpa inelastic (mt51-91)      50-Sn-114  
 Cross Section      -45.93 To 9999. %



MAT 5031

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-114  
-84.39 To 9999. %

