

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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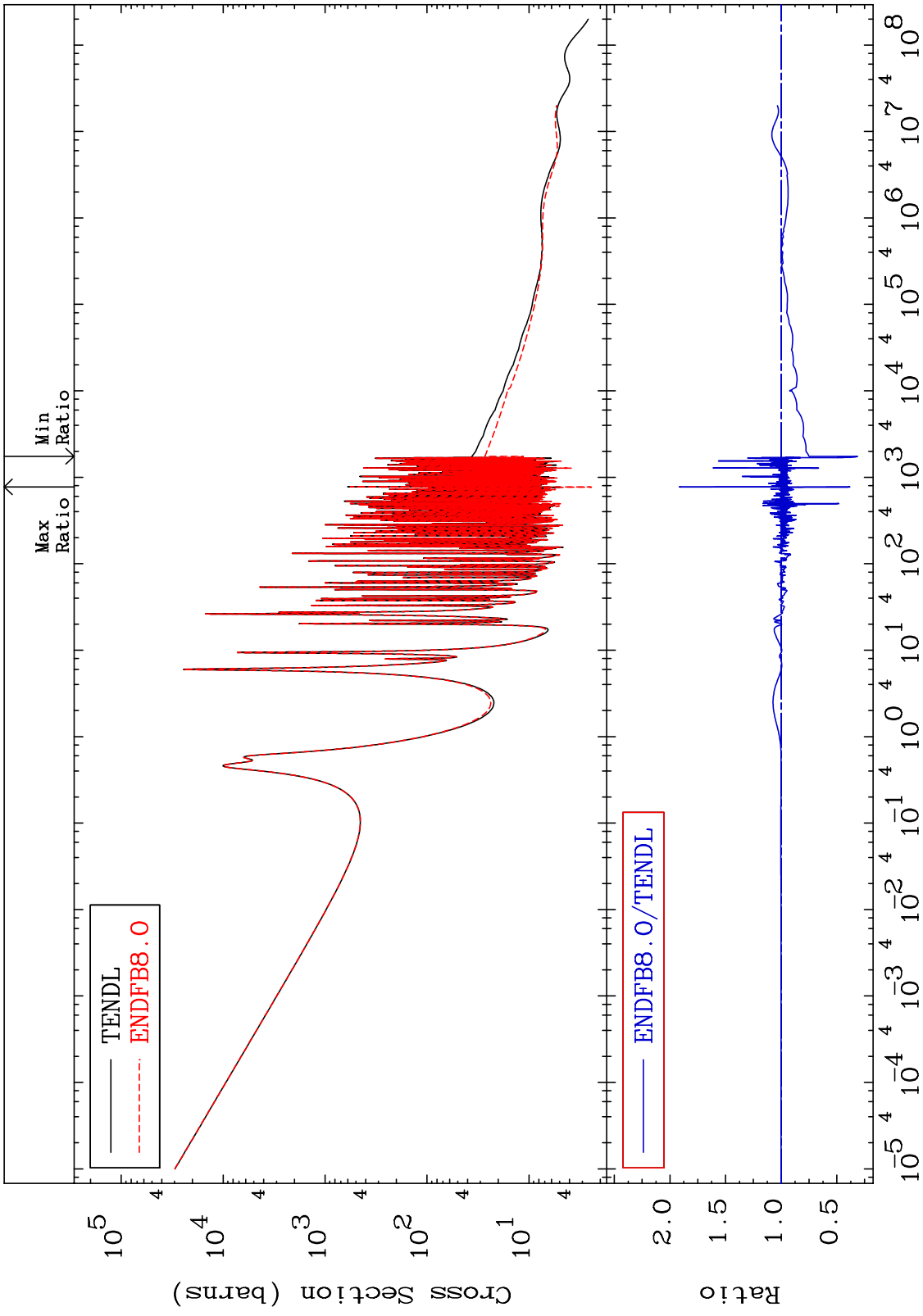
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

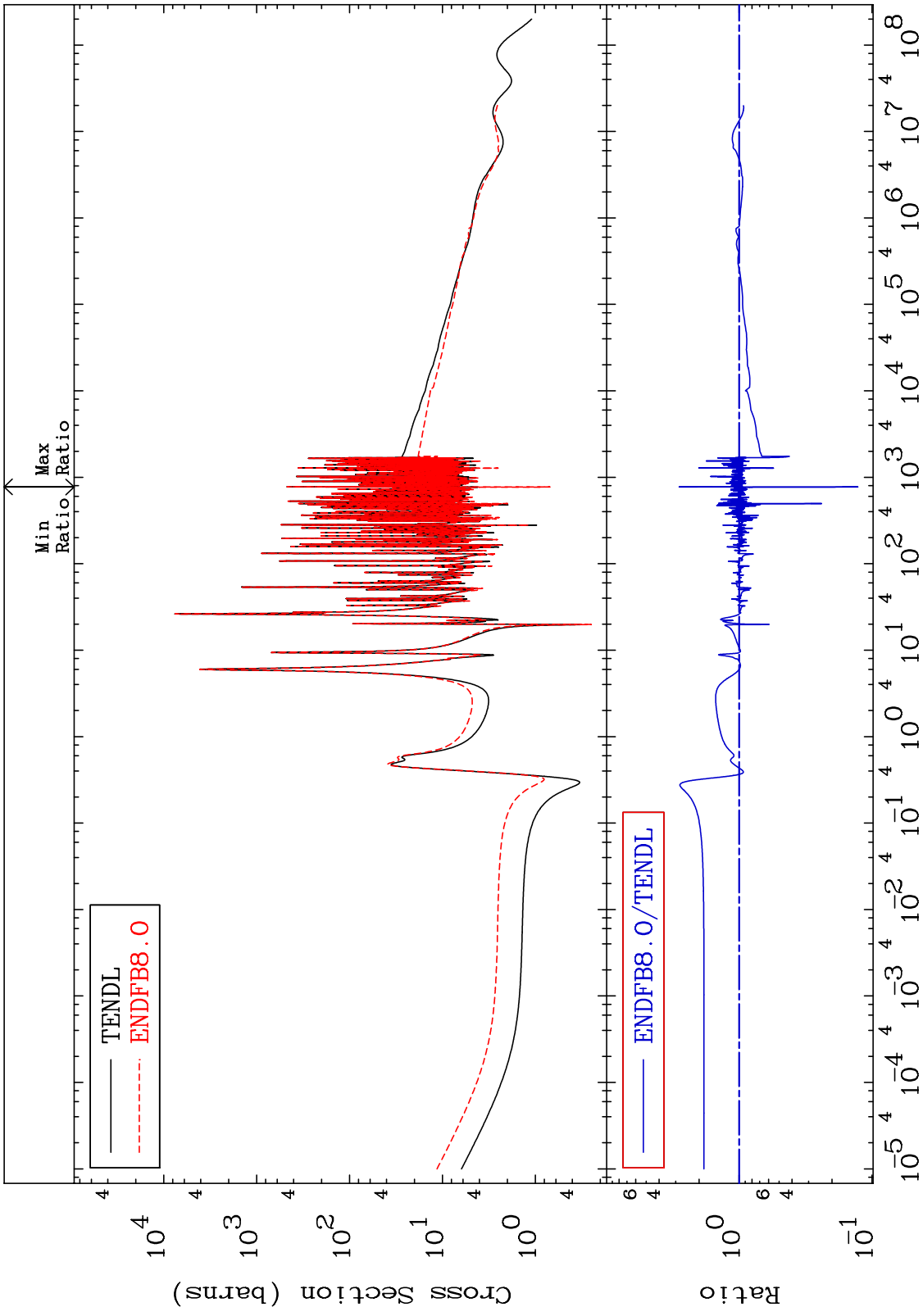
Press Mouse Button to Start

MAT 6840 68-Er-167  
Total -68.87 To 91.81 %  
Cross Section



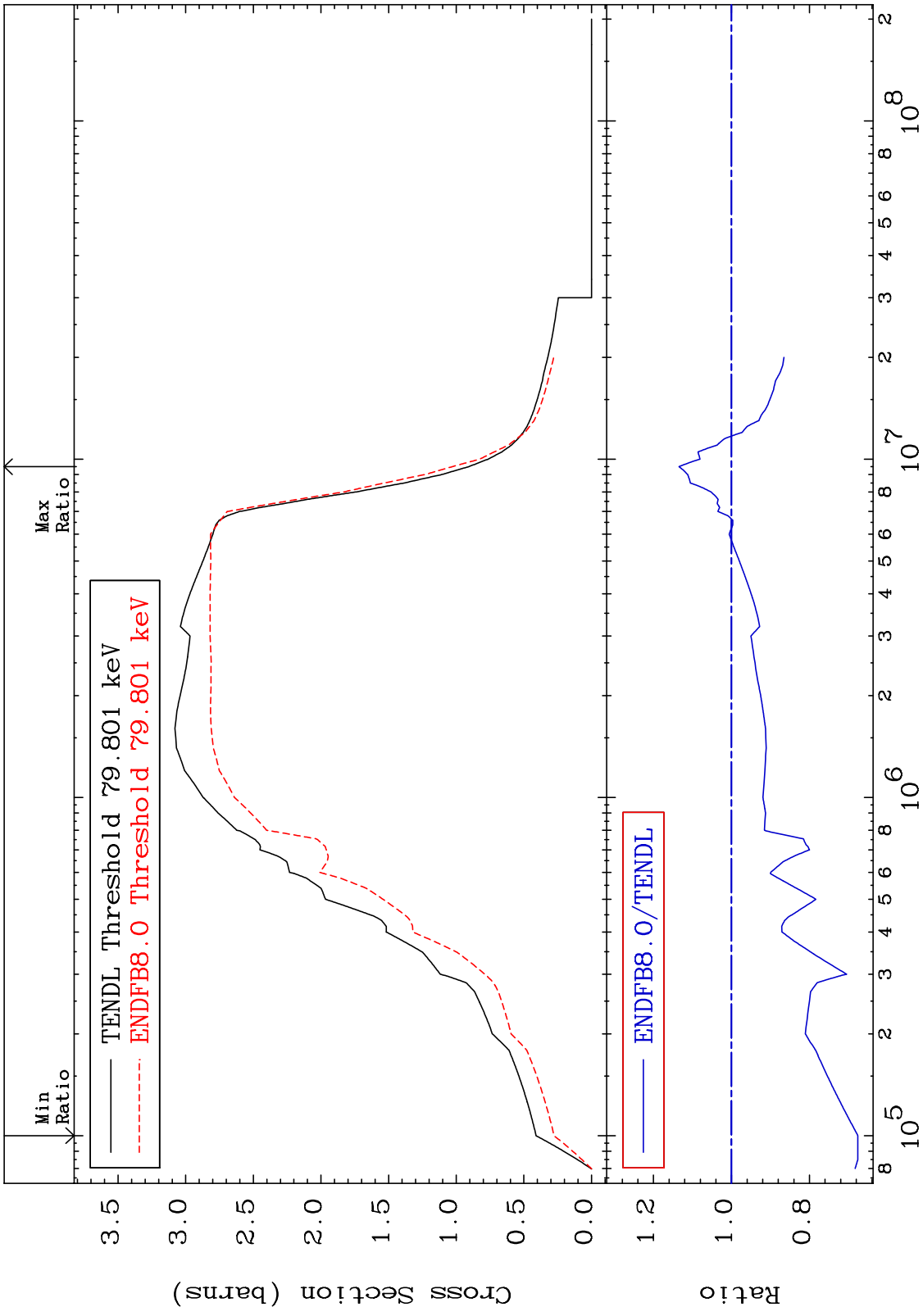
1 68-Er-167

MAT 6840 Elastic Cross Section 68-Er-167 -87.22 To 183.3 %



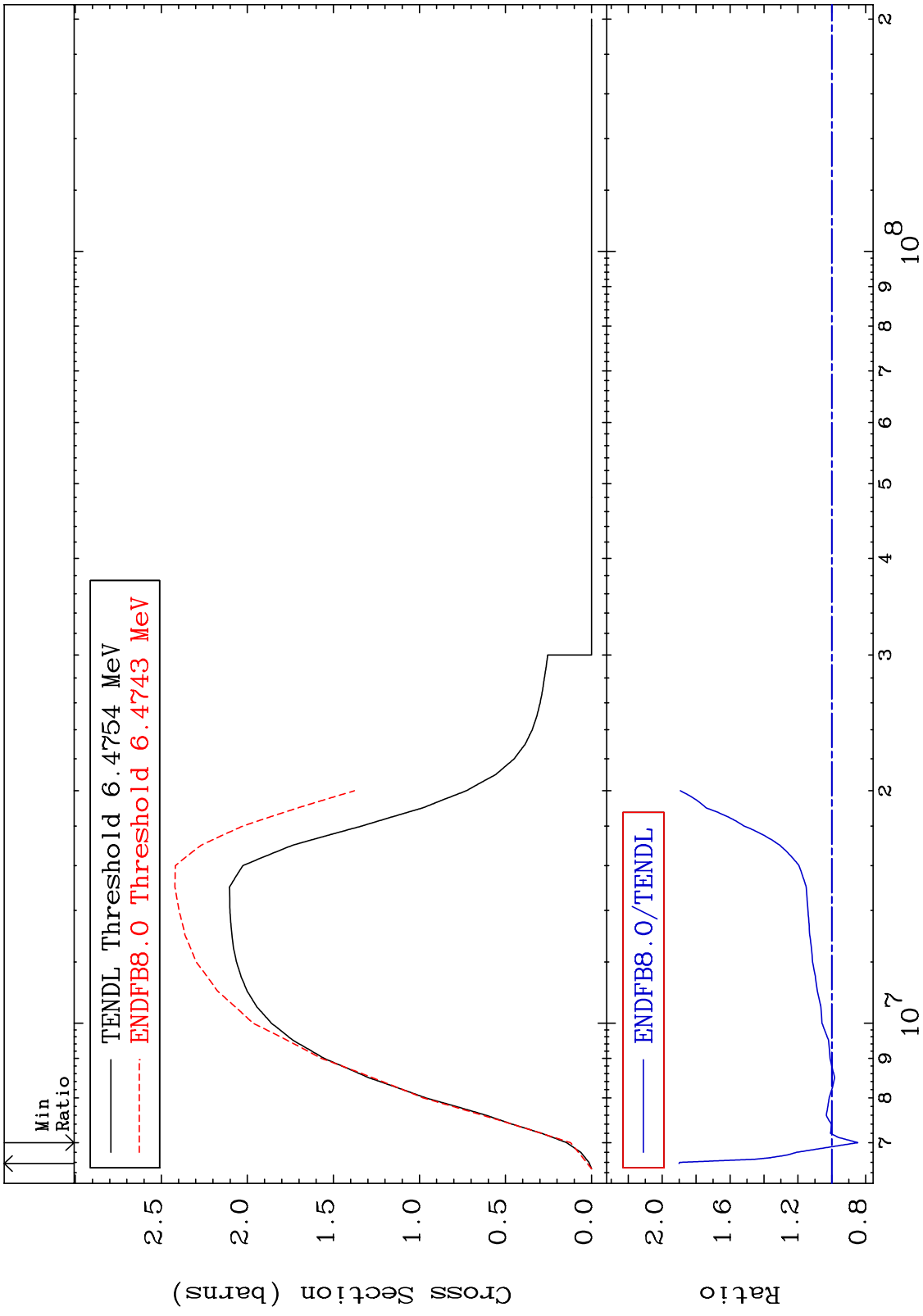
2 Incident Energy (eV) 68-Er-167

MAT 6840 Inelastic Cross Section 68-Er-167 -32.39 To 13.45 %

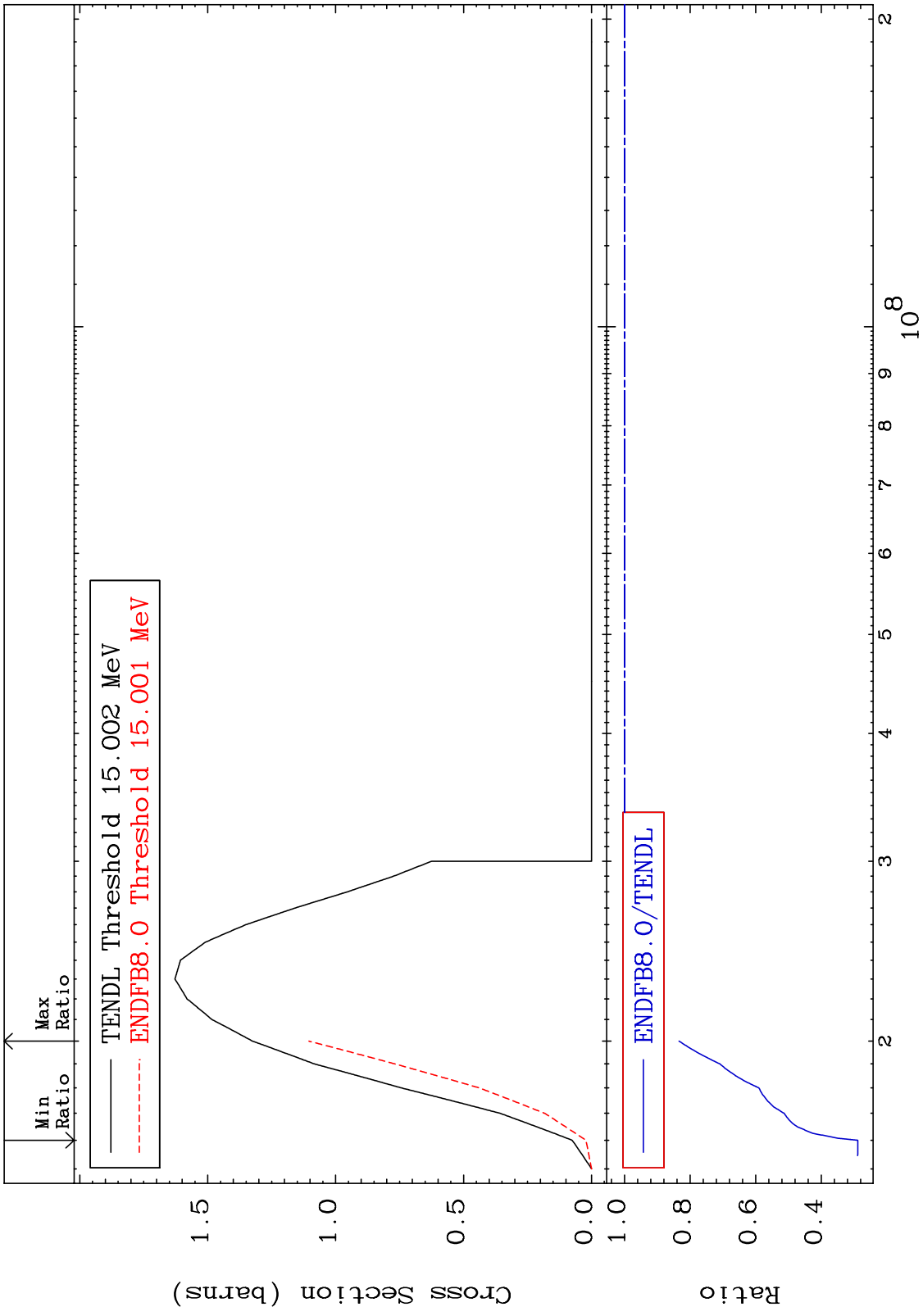


3 Incident Energy (eV) 68-Er-167

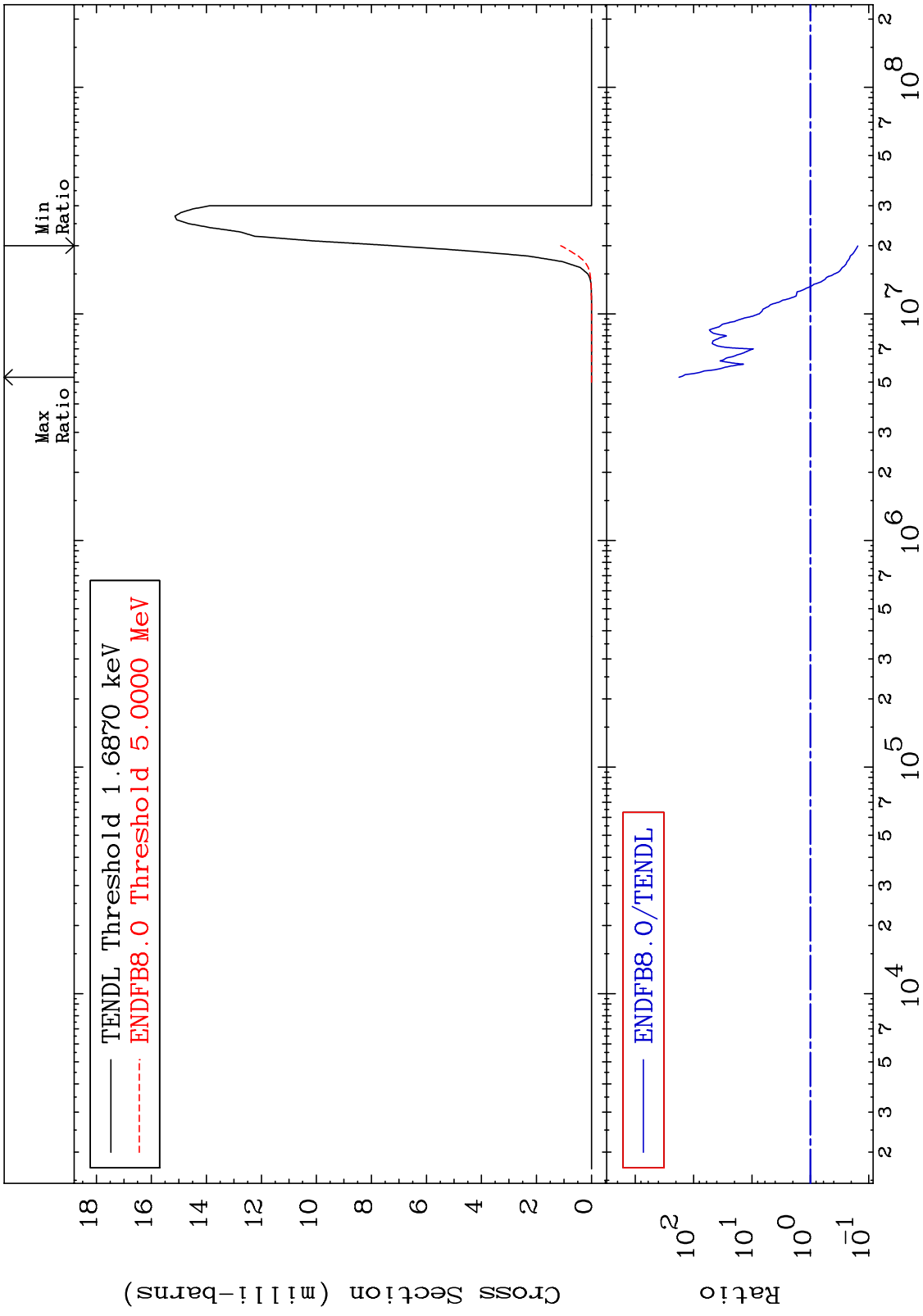
MAT 6840 (n,2n) Cross Section 68-Er-167 -15.34 To 90.06 %



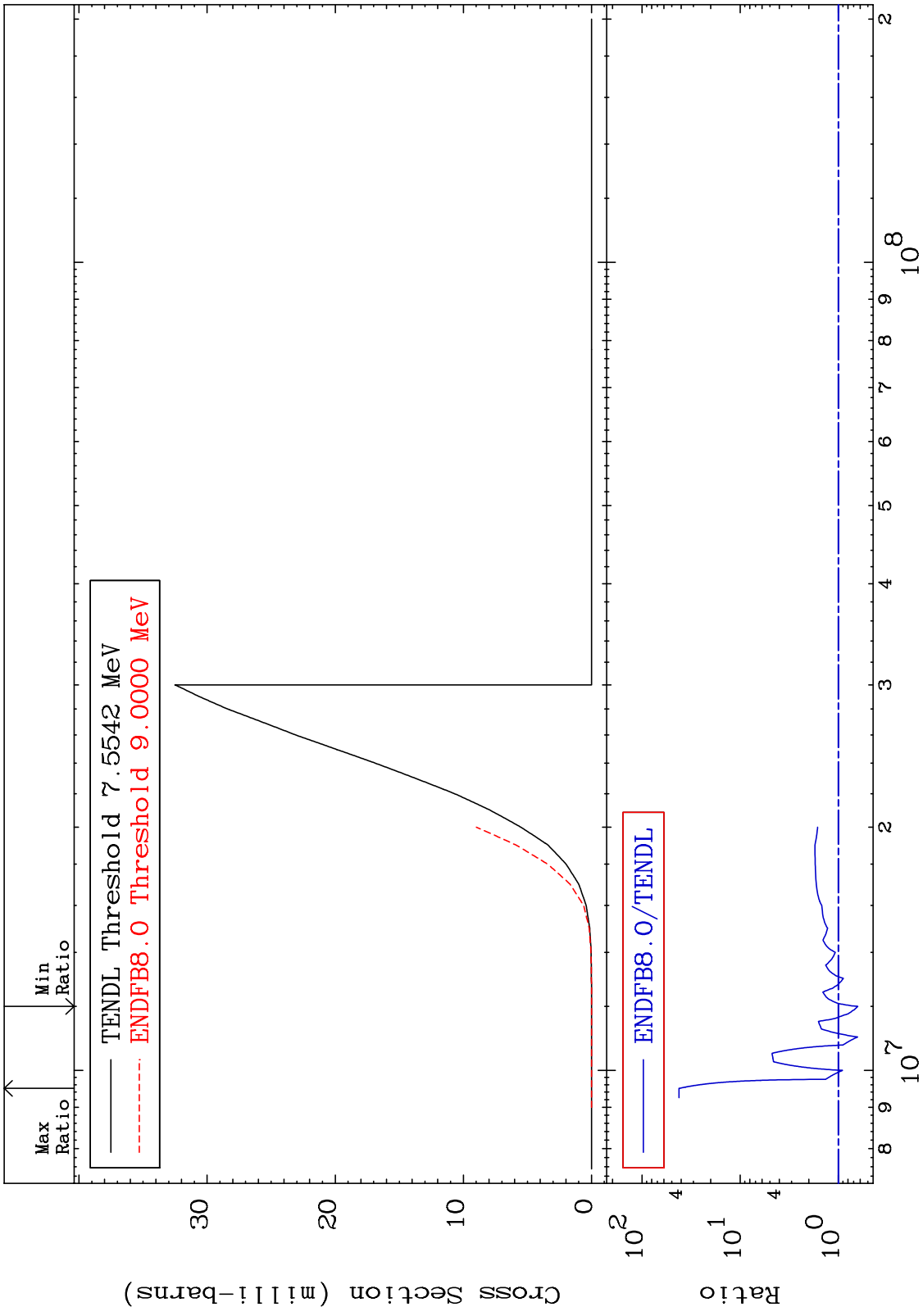
MAT 6840  $(n, 3n)$  Cross Section  $^{68}\text{Er-167}$   $-71.16 \text{ To } -16.63\%$



MAT 6840  $(n, n') \alpha$  Cross Section 68-Er-167  
 -84.58 To 9999. %



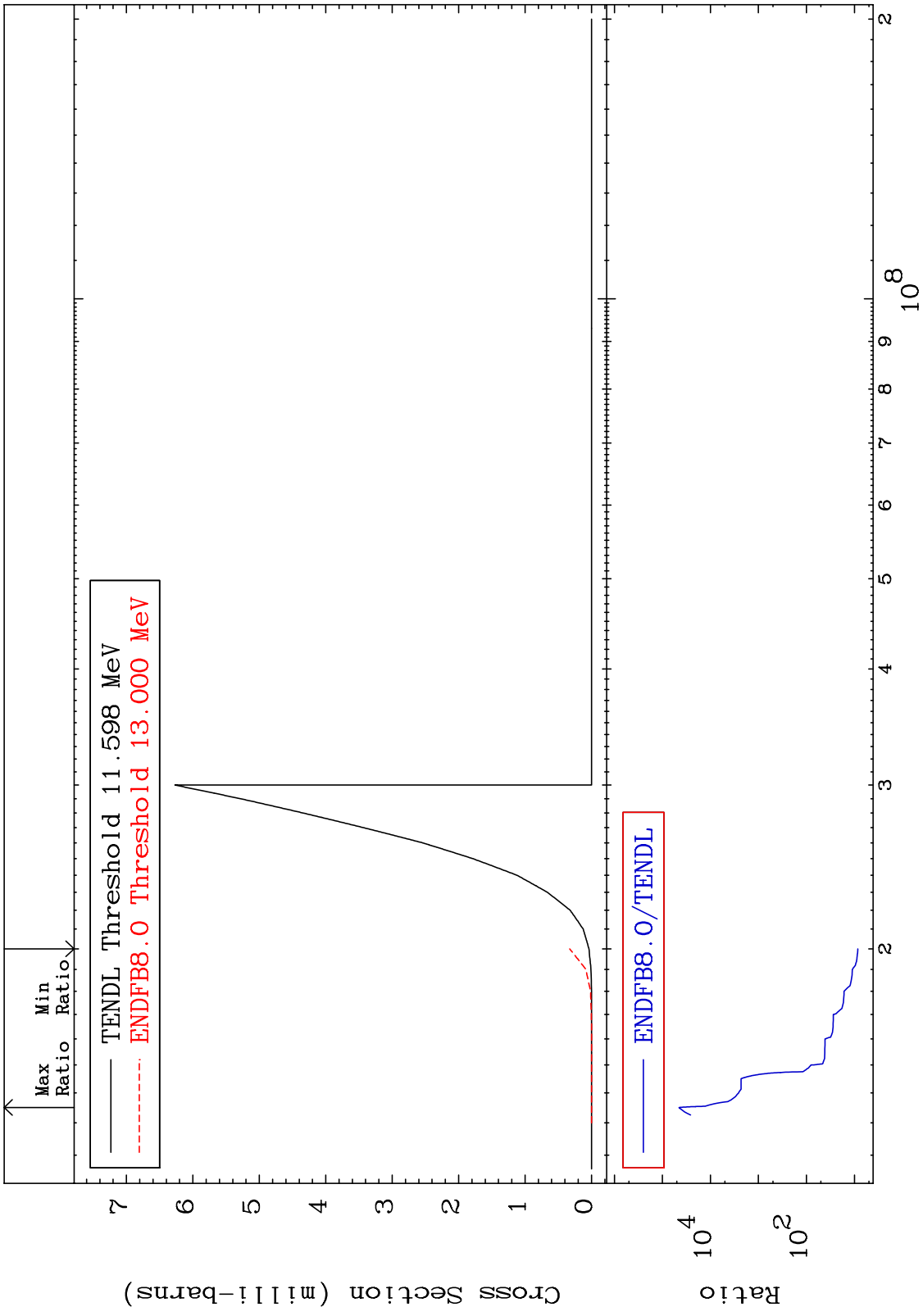
MAT 6840 (n,n') p 68-Er-167  
 Cross Section -36.63 To 4106. %



7 68-Er-167

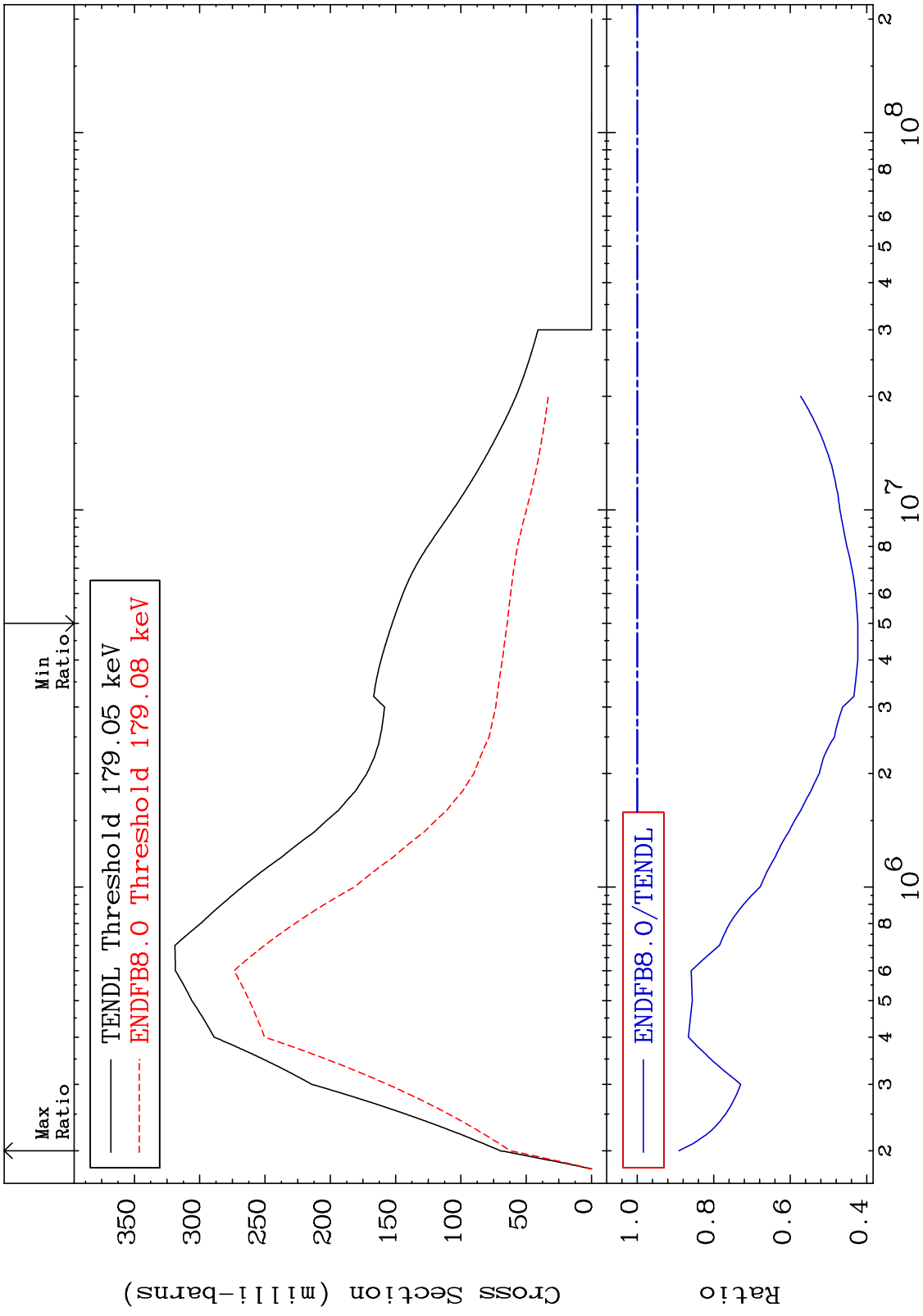


MAT 6840 (n,n') d 68-Er-167  
 Cross Section 749.2 To 9999. %



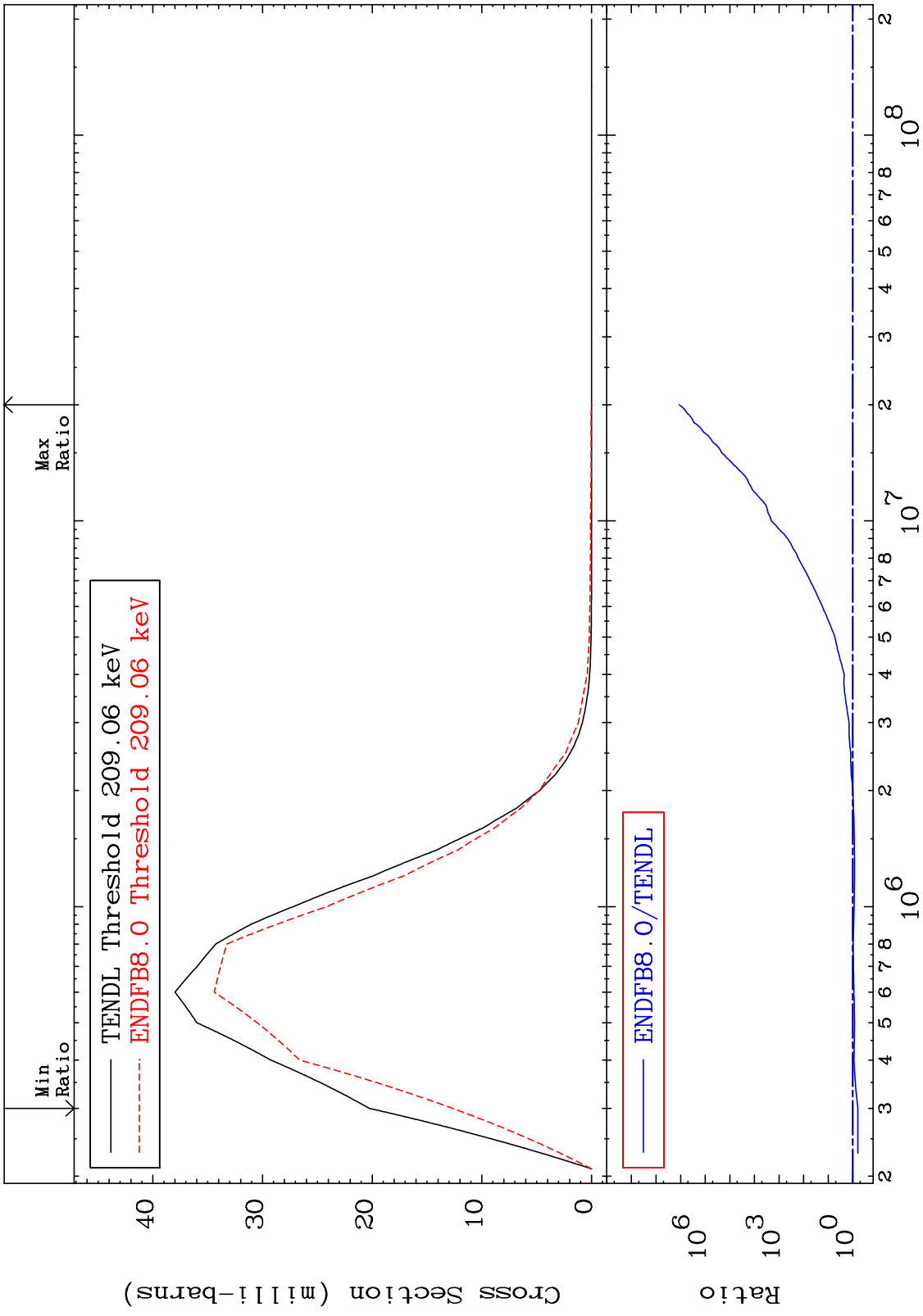


MAT 6840      MT= 52 (n,n') Level Cross Section      68-Er-167  
 -57.69 To -10.92%

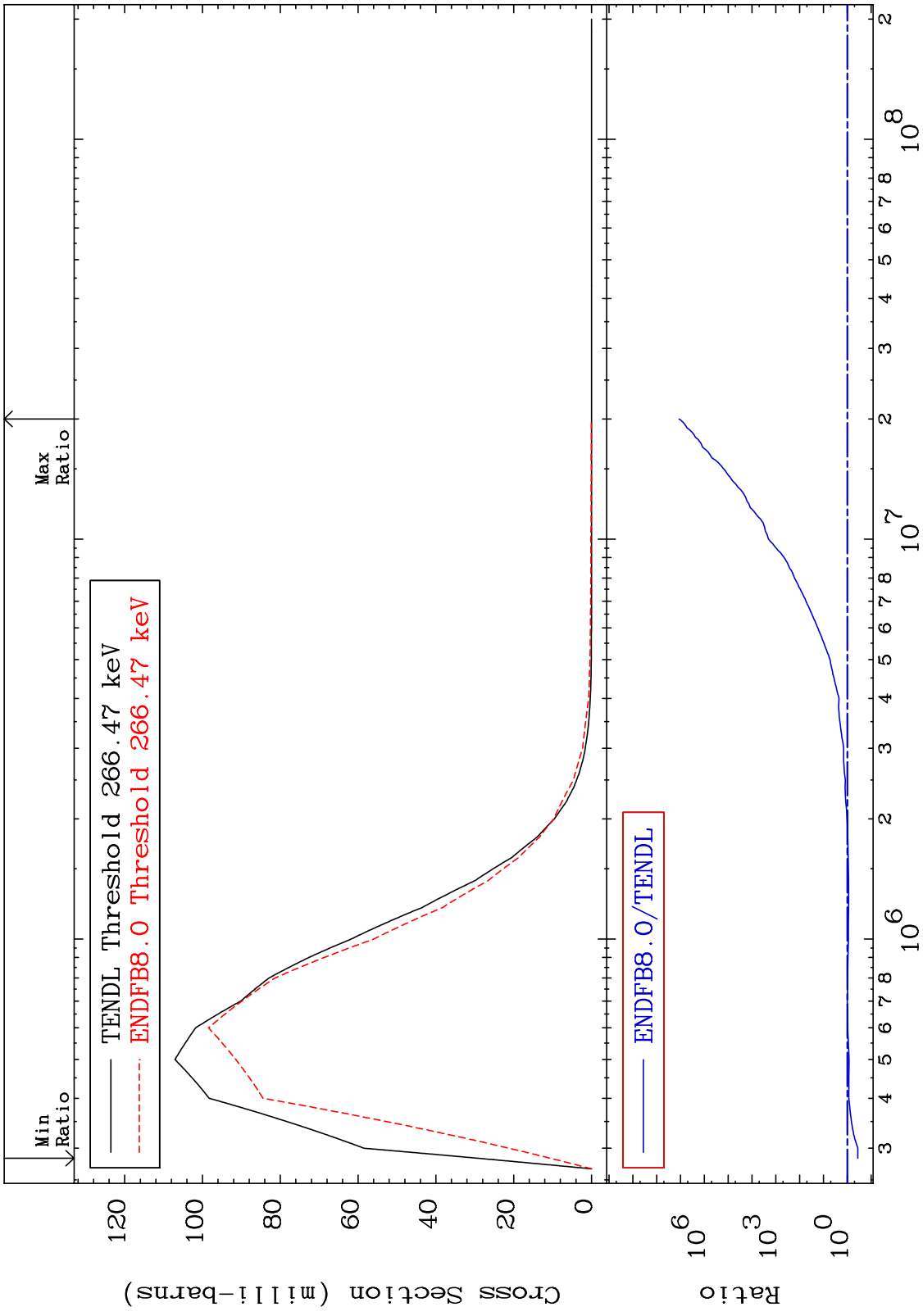


10      Incident Energy (eV)      68-Er-167

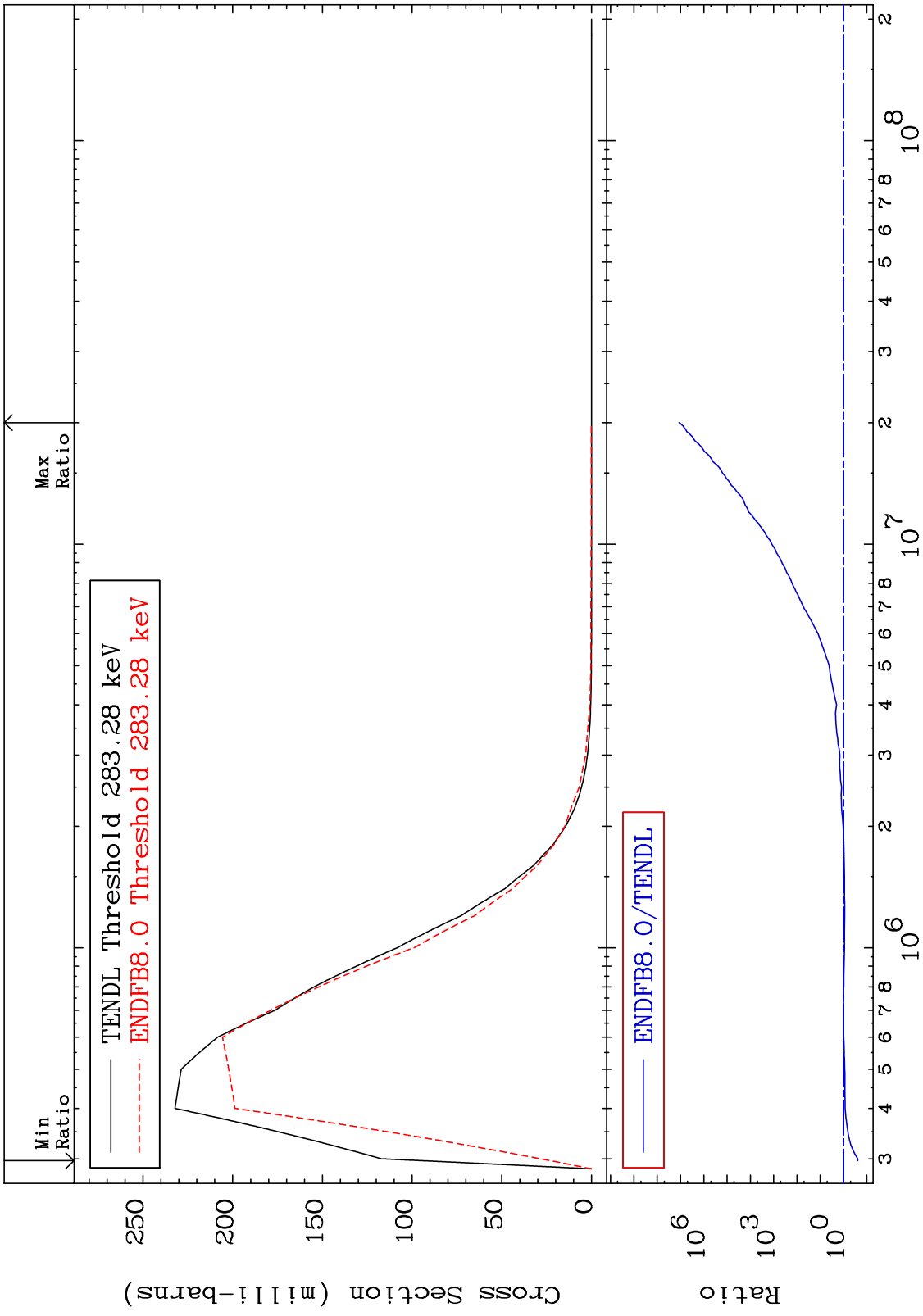
MAT 6840 MT= 53 (n,n') Level Cross Section 68-Er-167 -37.47 To 9999. %



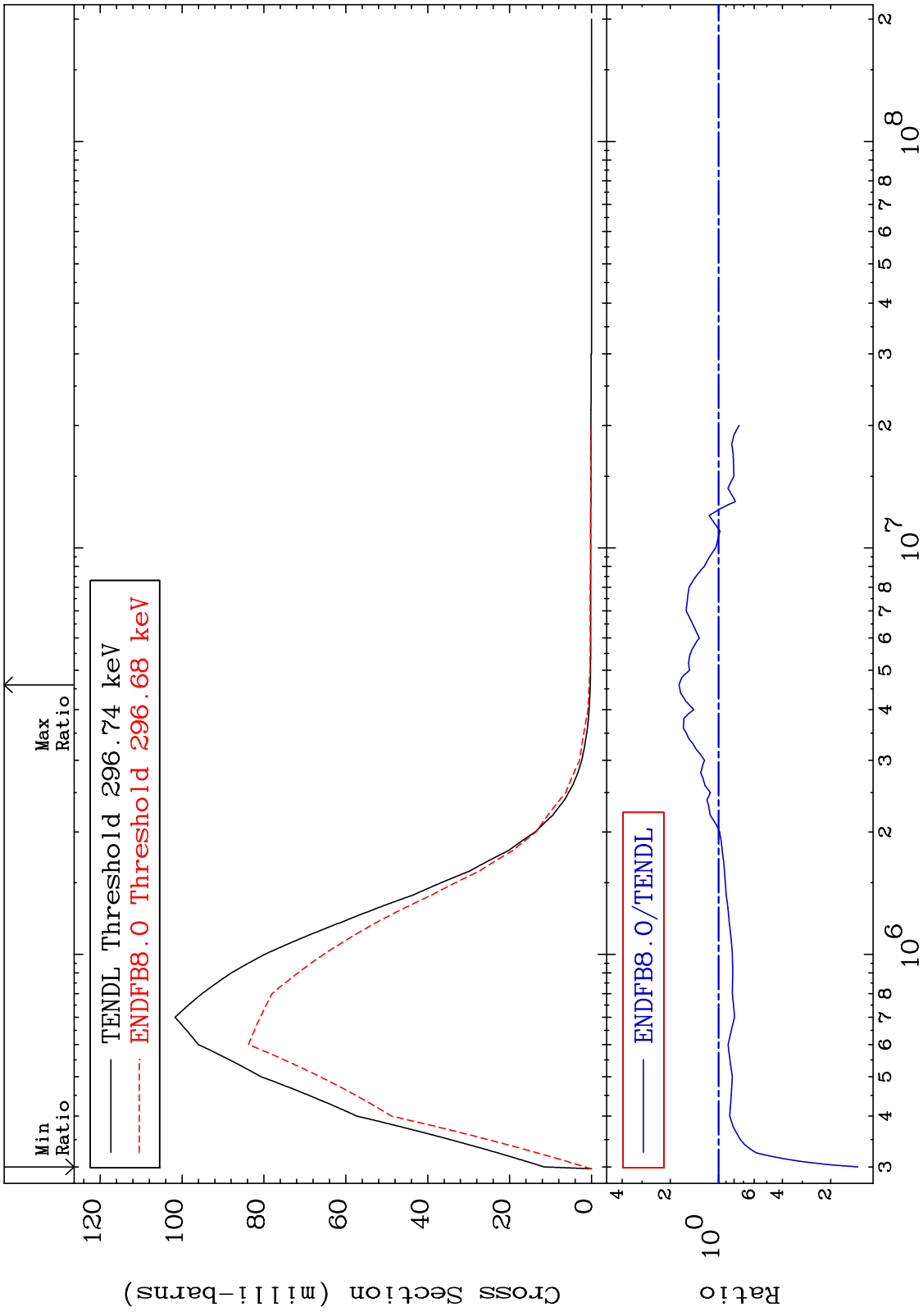
MAT 6840 MT= 54 (n,n') Level Cross Section 68-Er-167 -63.79 To 9999. %



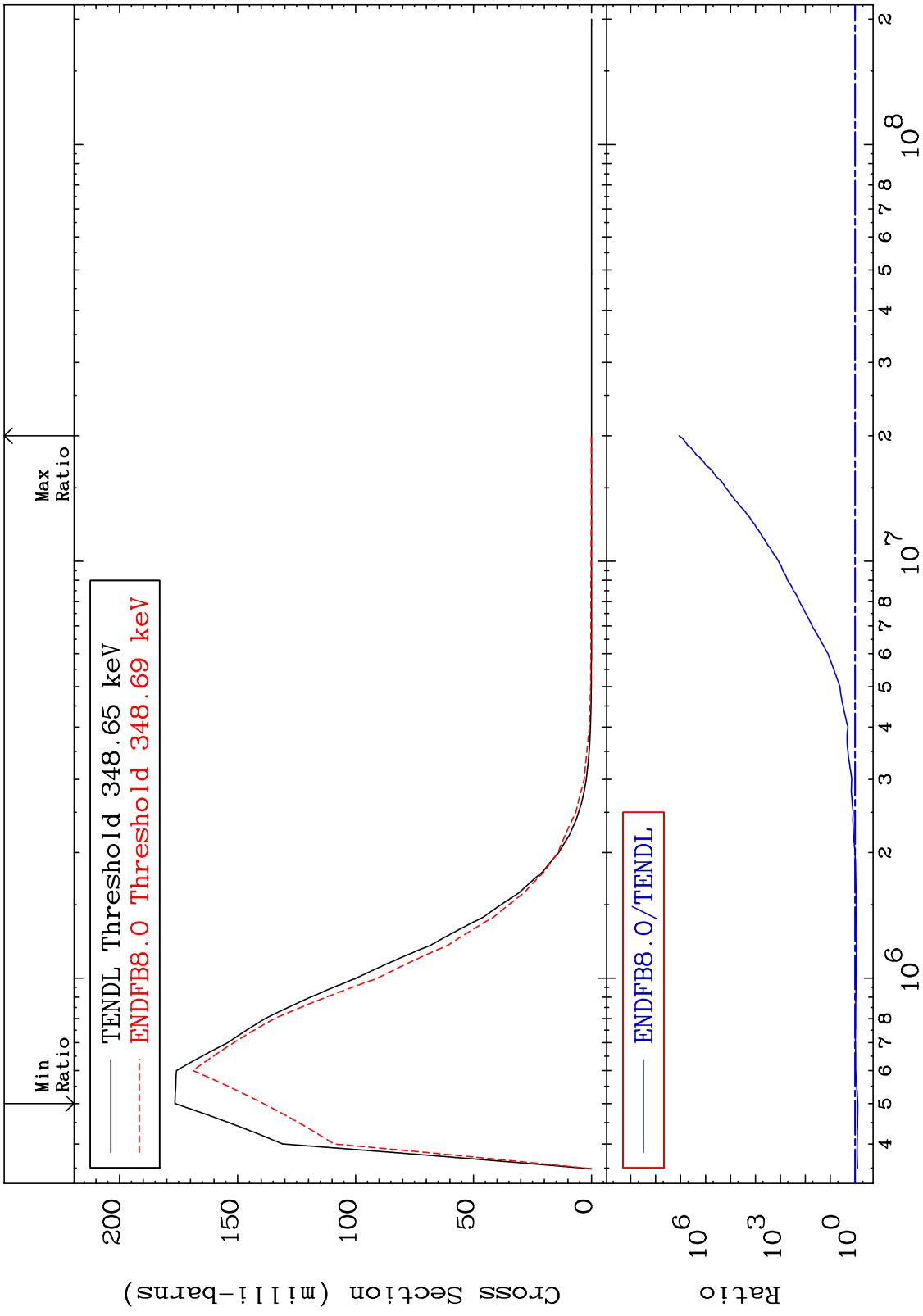
MAT 6840 MT= 55 (n,n') Level Cross Section 68-Er-167 -75.71 To 9999. %



MAT 6840 MT= 56 (n,n') Level Cross Section 68-Er-167  
 -86.48 To 76.42 %

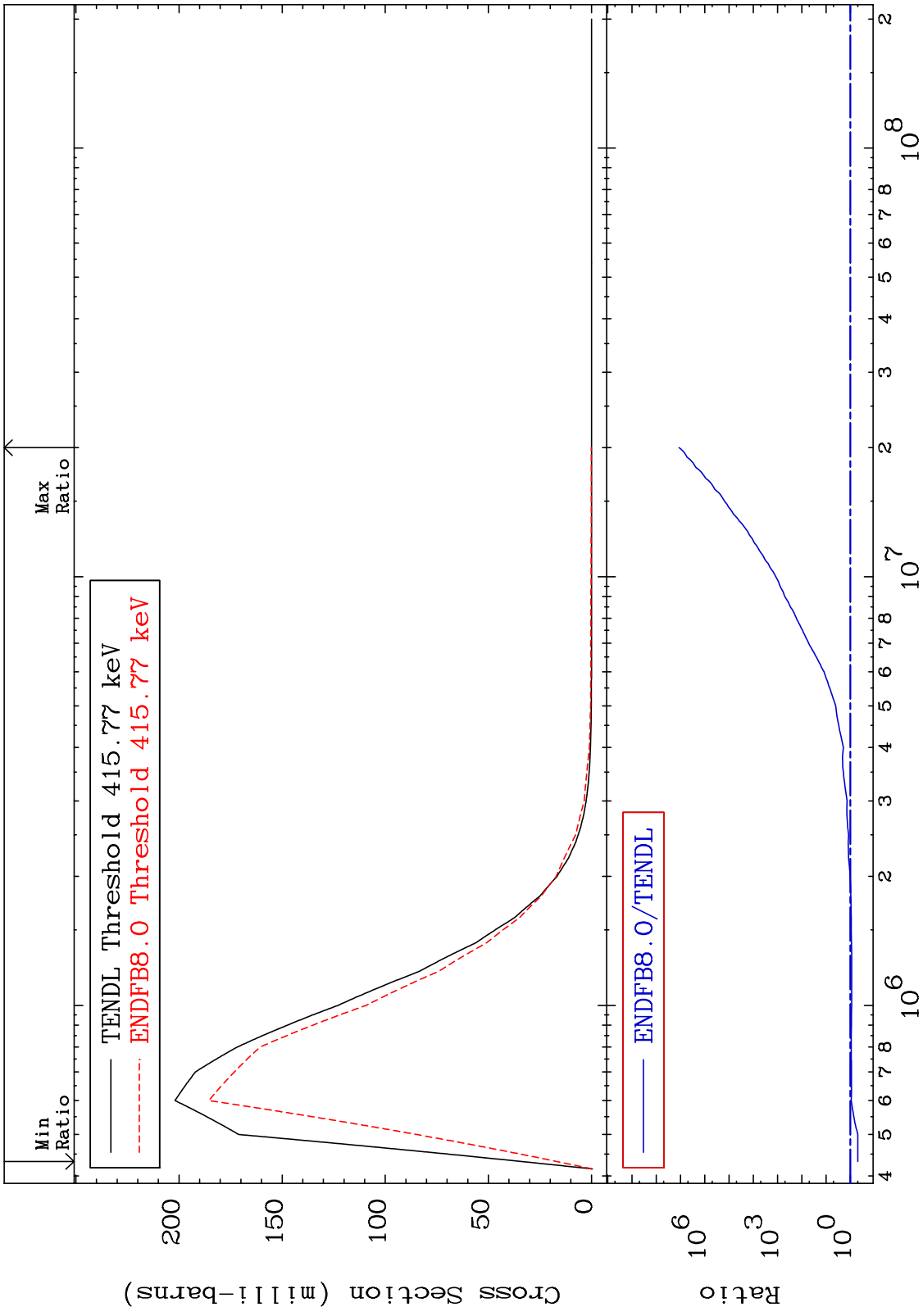


MAT 6840 MT= 57 (n,n') Level Cross Section 68-Er-167  
 -21.25 To 9999. %

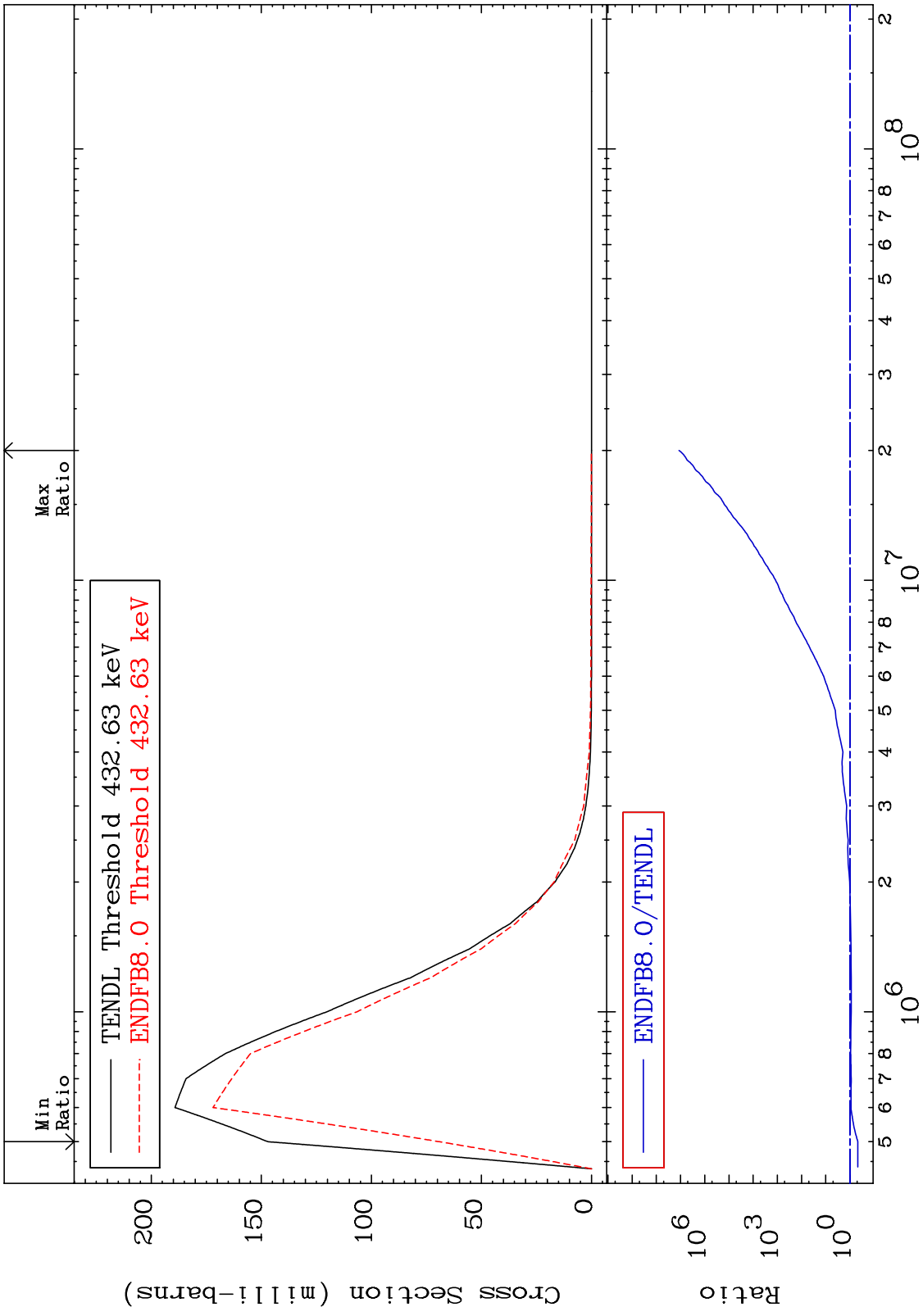




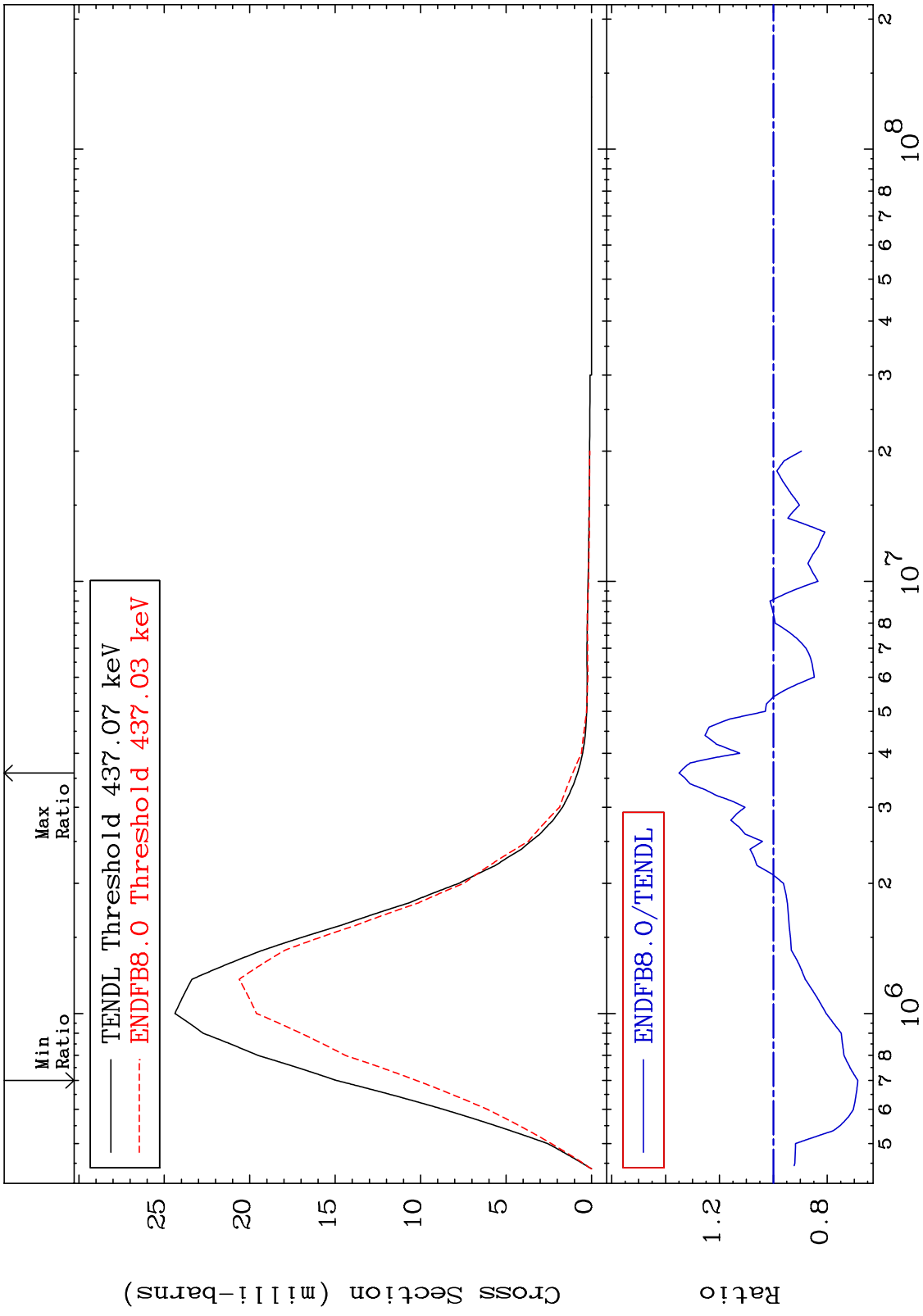
MAT 6840 MT= 58 (n,n') Level Cross Section 68-Er-167  
 -50.49 To 9999. %



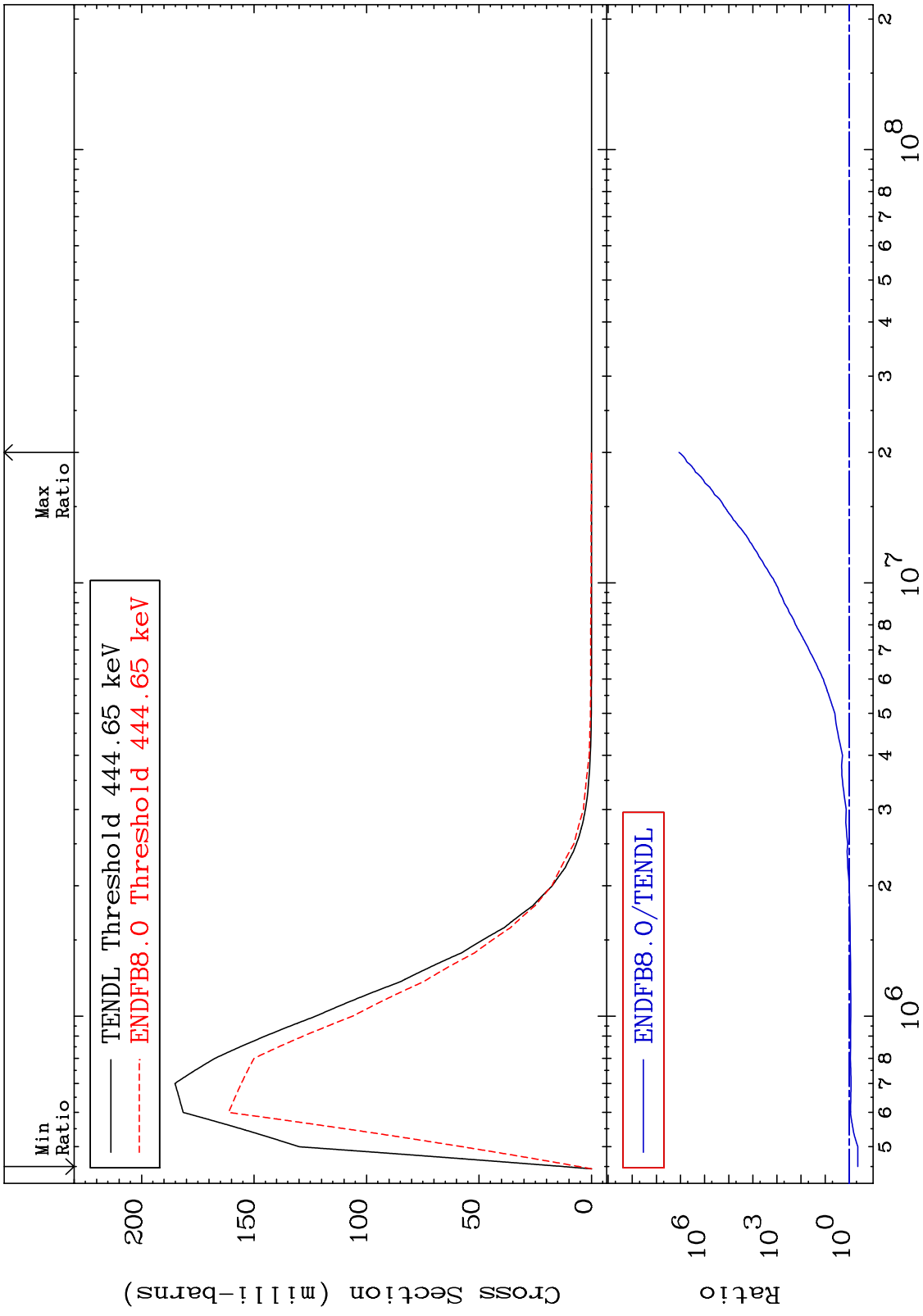
MAT 6840 MT= 59 (n,n') Level Cross Section 68-Er-167 -52.91 To 9999. %



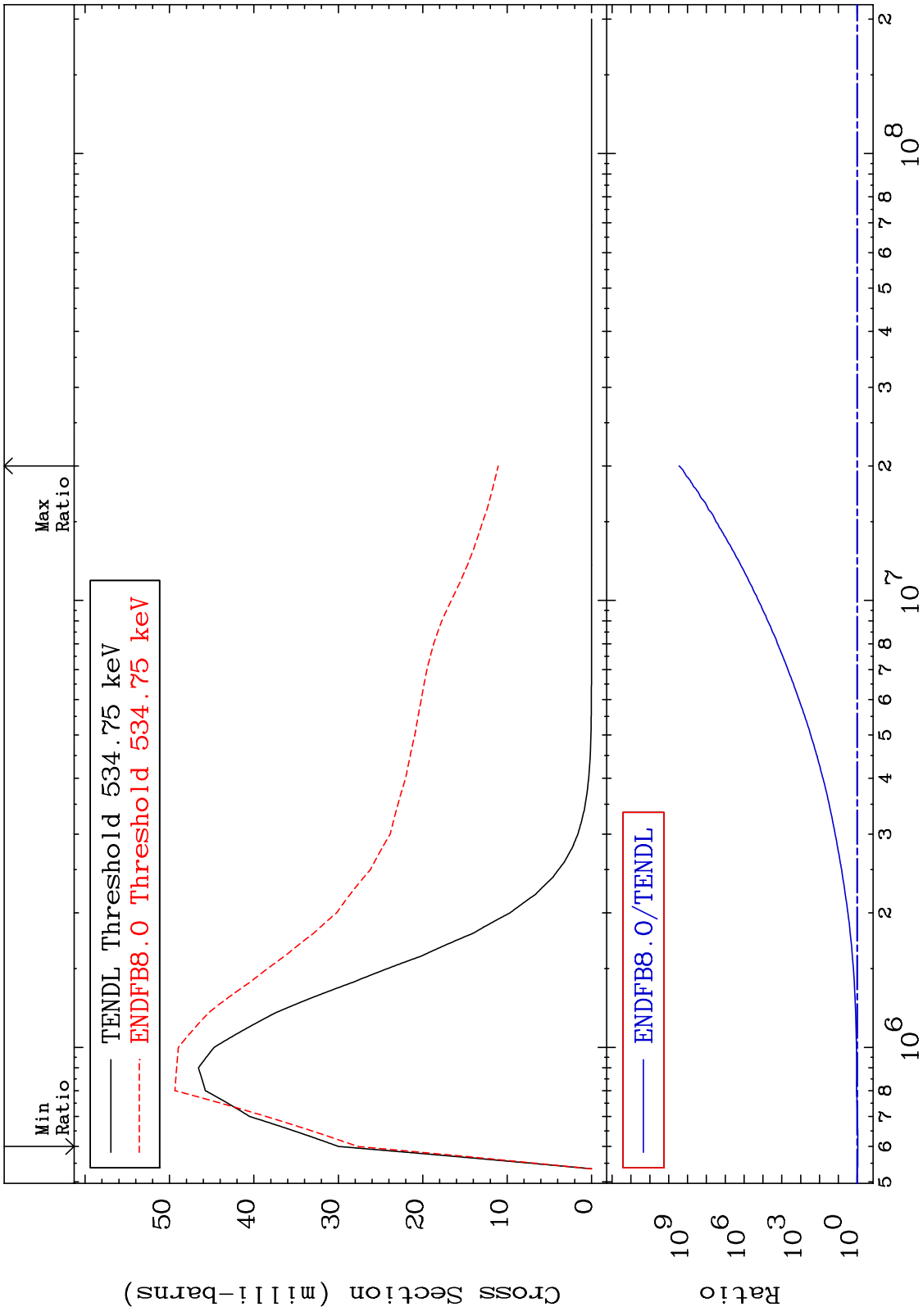
MAT 6840 MT= 60 (n,n') Level Cross Section 68-Er-167  
 -31.35 To 35.00 %



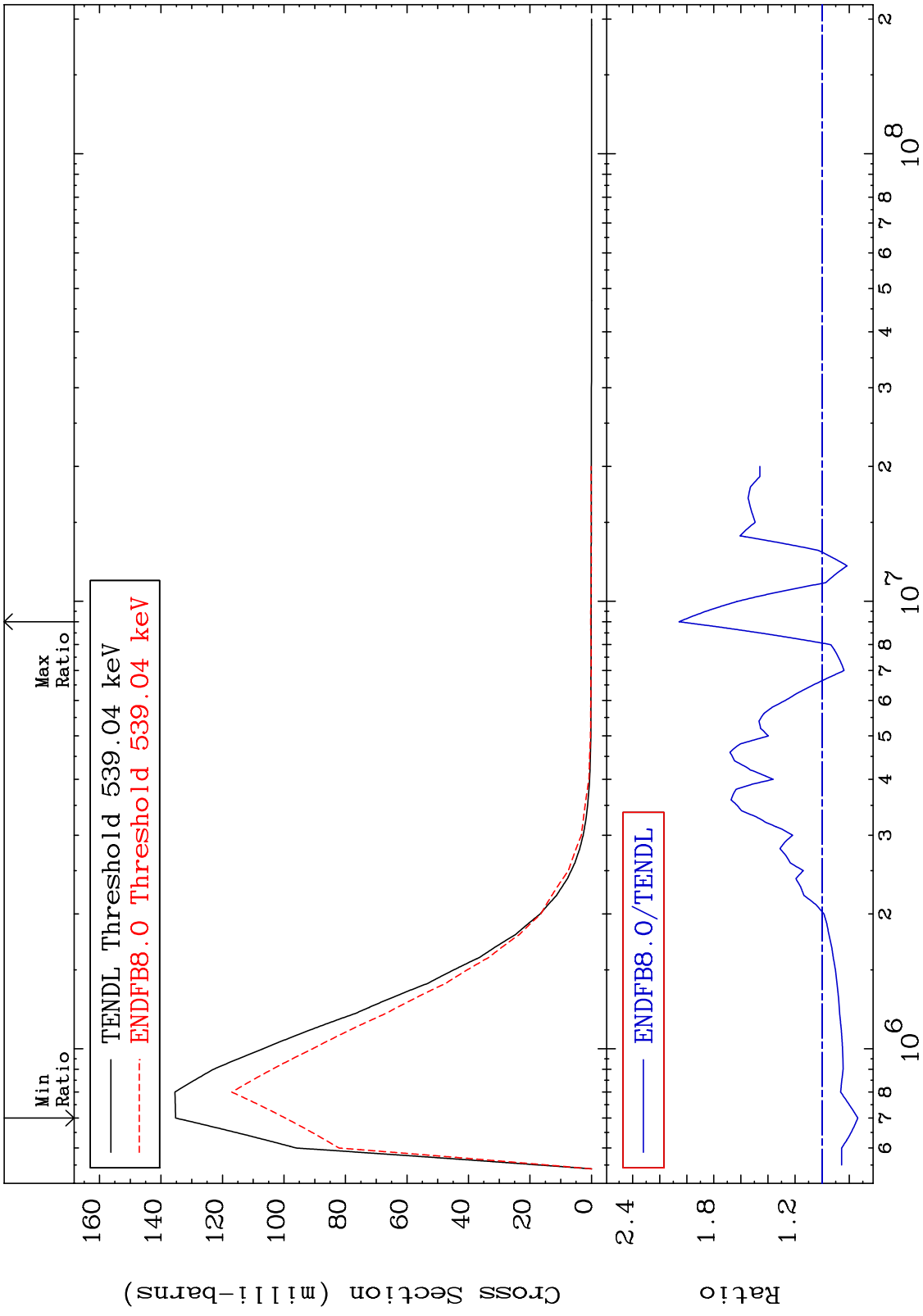
MAT 6840 MT= 61 (n,n') Level Cross Section 68-Er-167  
 -55.96 To 9999. %



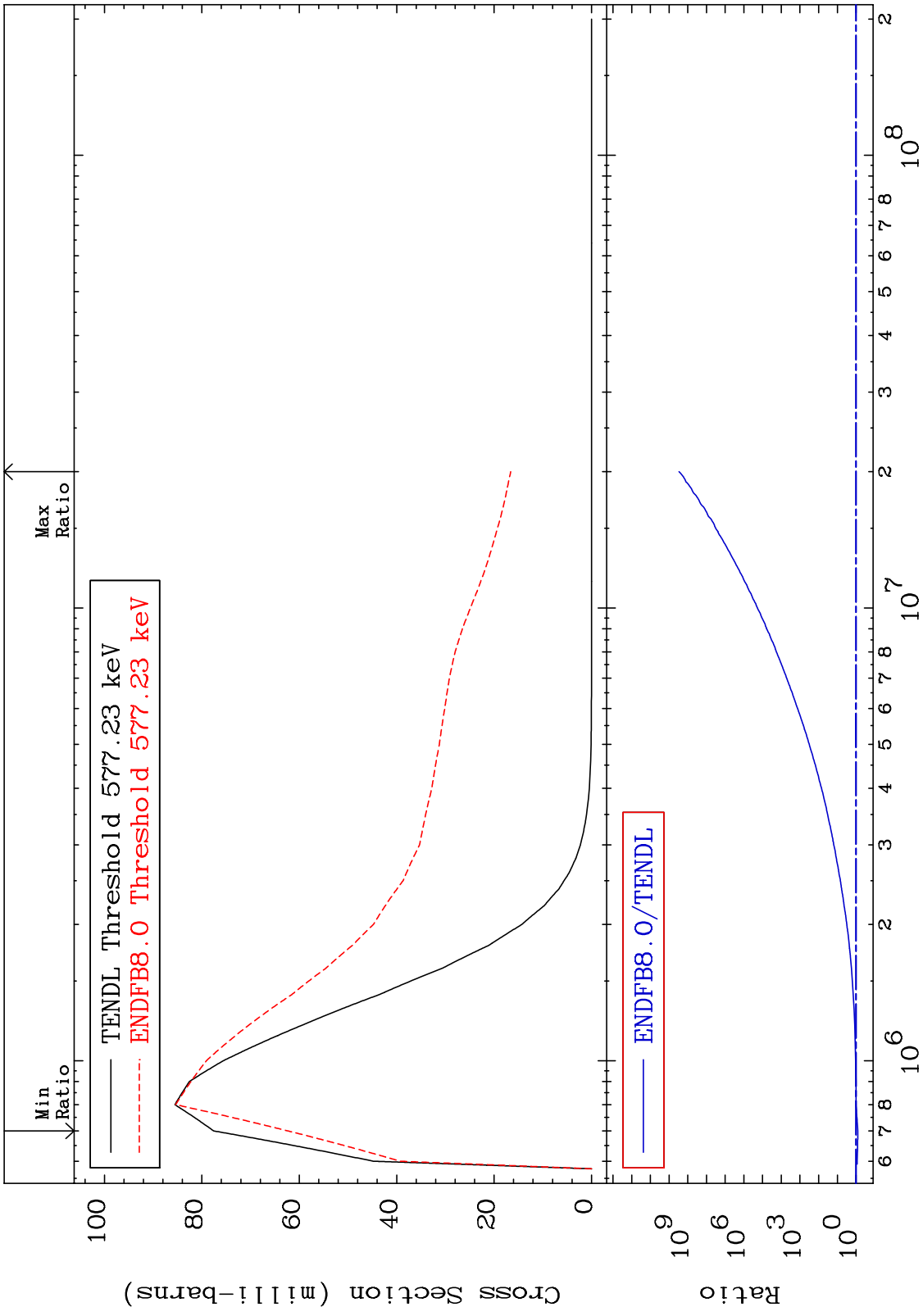
MAT 6840 MT= 62 (n,n') Level Cross Section 68-Er-167  
 -7.575 To 9999. %



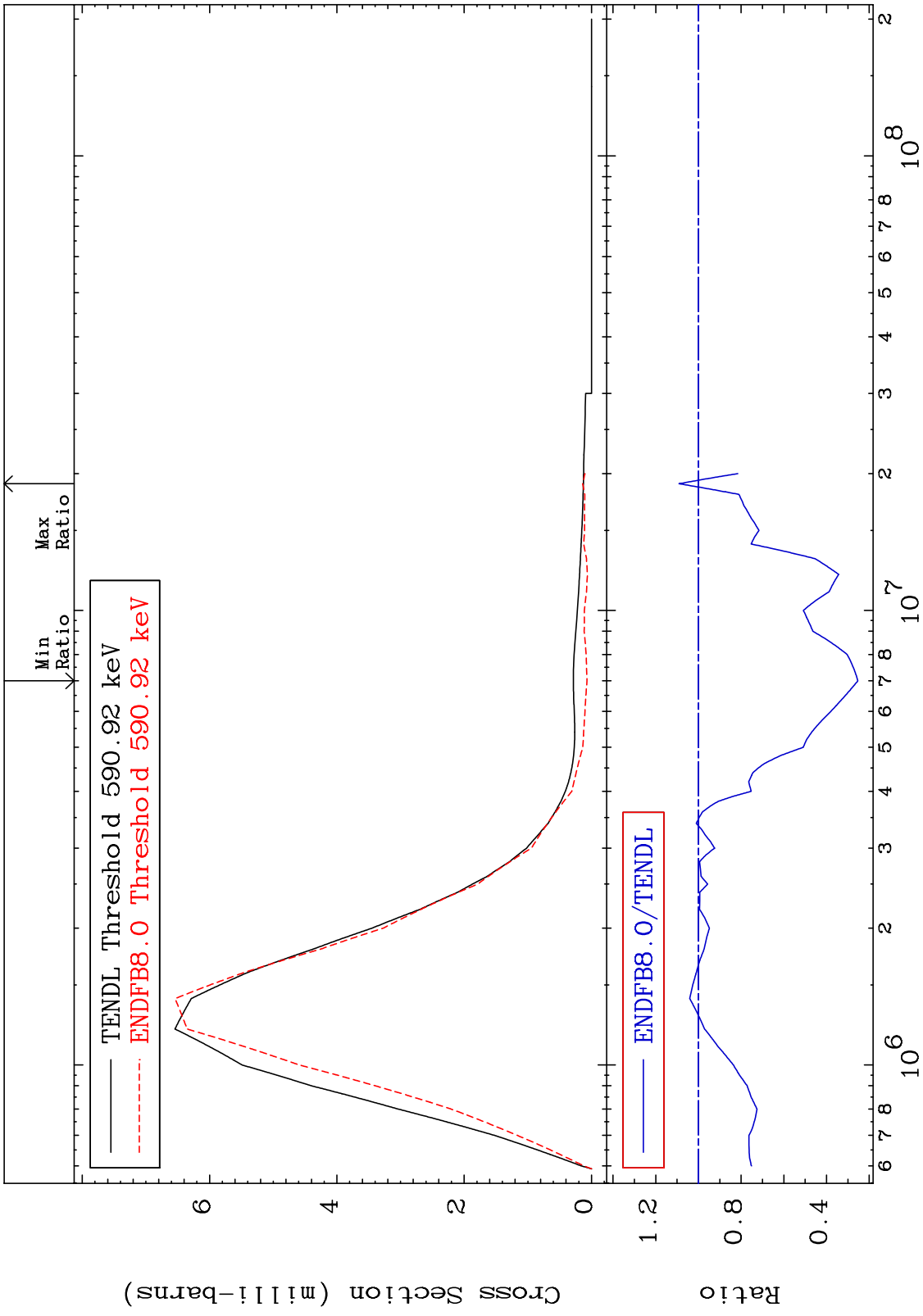
MAT 6840 MT= 63 (n,n') Level Cross Section 68-Er-167  
 -26.38 To 105.7 %



MAT 6840      MT= 64 (n,n') Level      68-Er-167  
 Cross Section      -19.66 To 9999. %

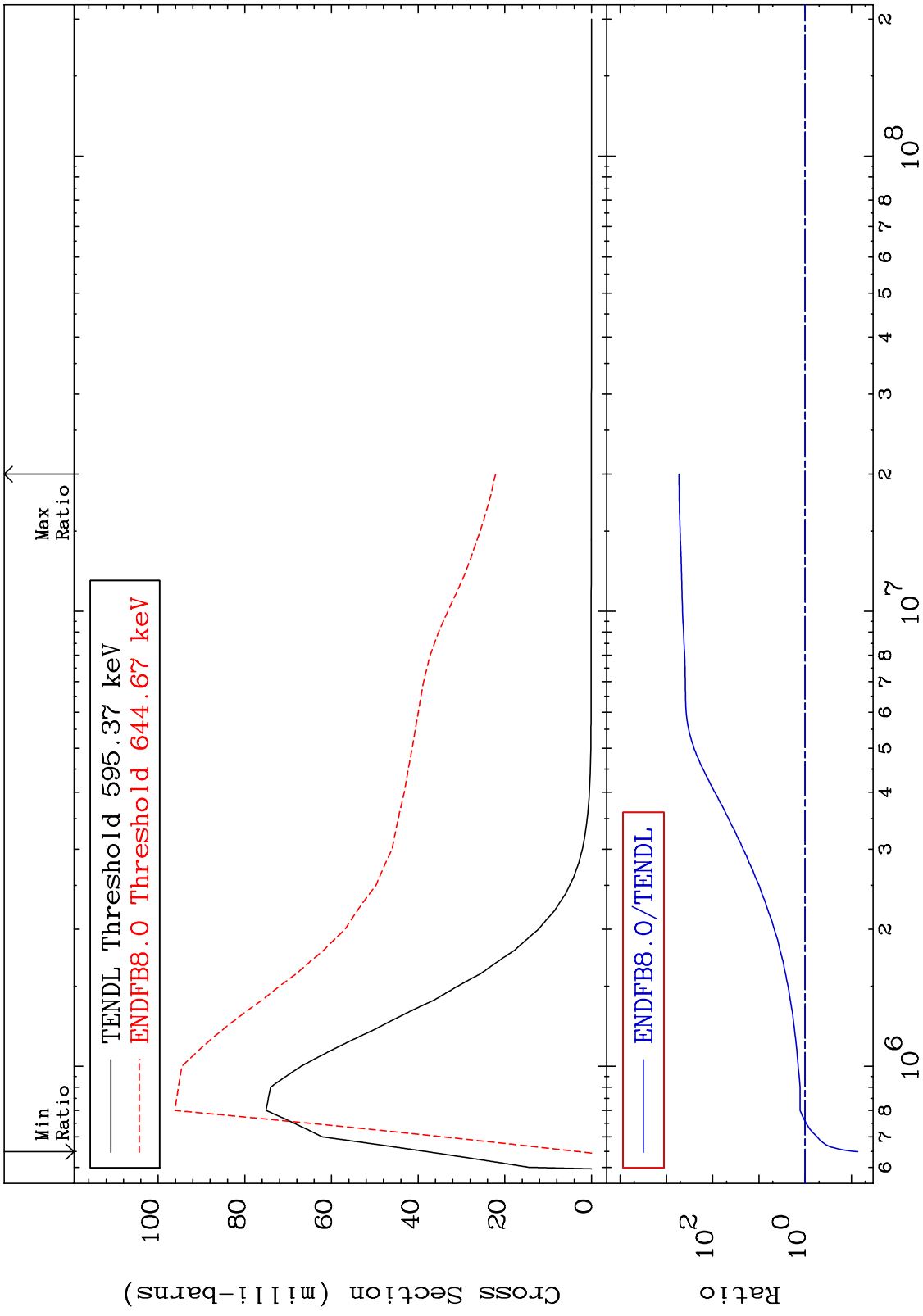


MAT 6840      MT= 65 (n,n') Level Cross Section      68-Er-167  
 -74.65 To 9.077 %

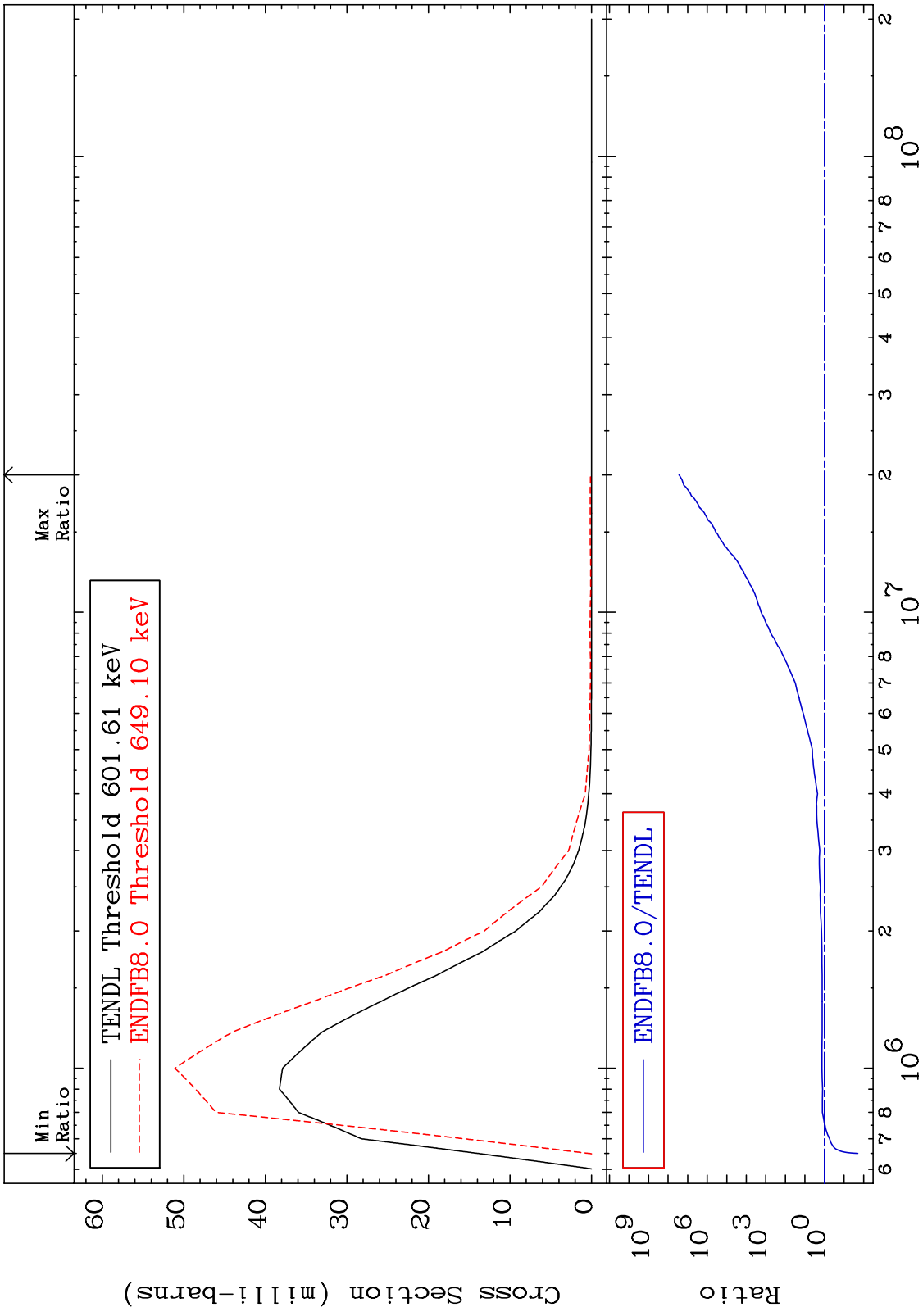




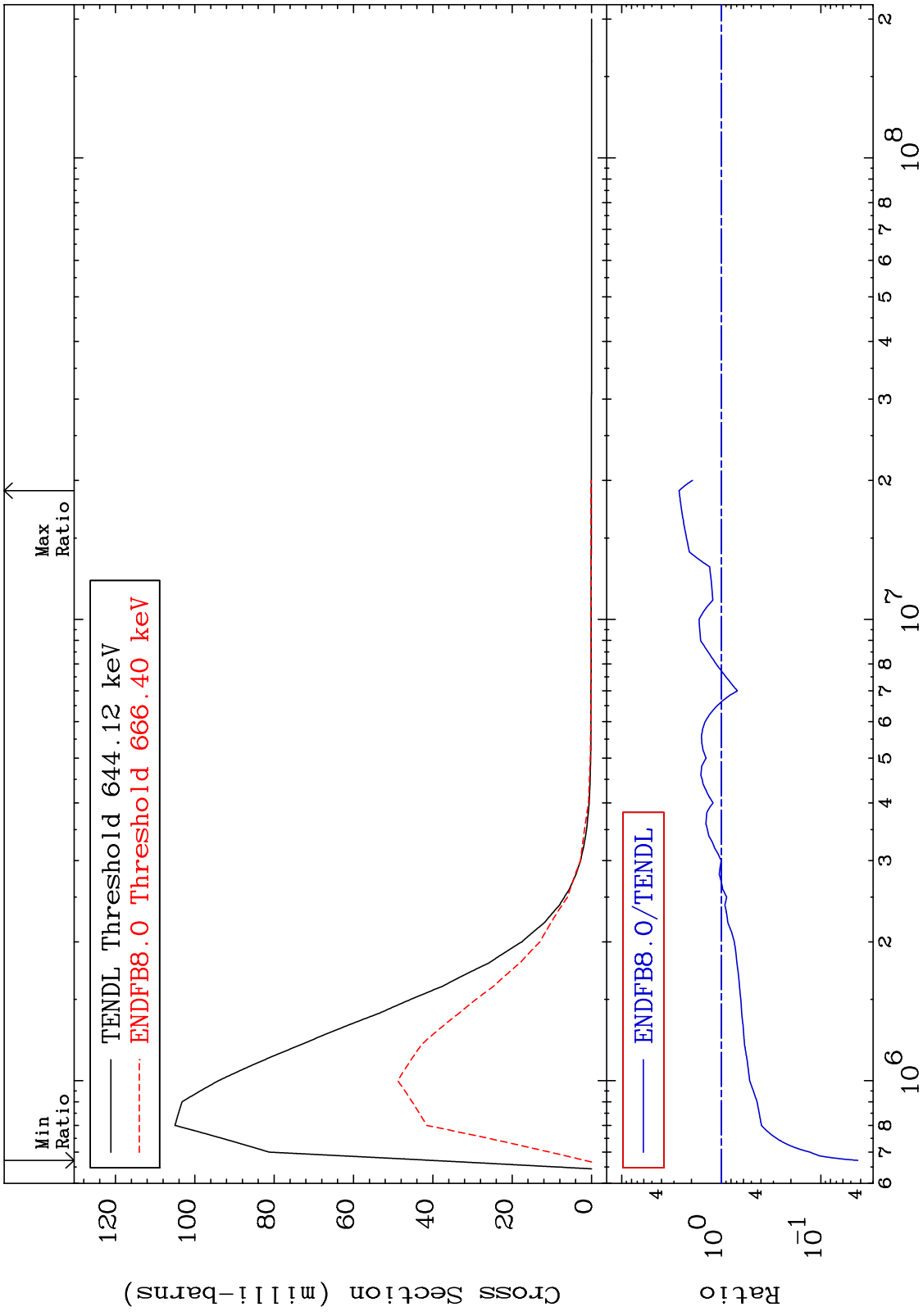
MAT 6840      MT= 66 (n,n') Level      68-Er-167  
 Cross Section      -92.76 To 9999. %



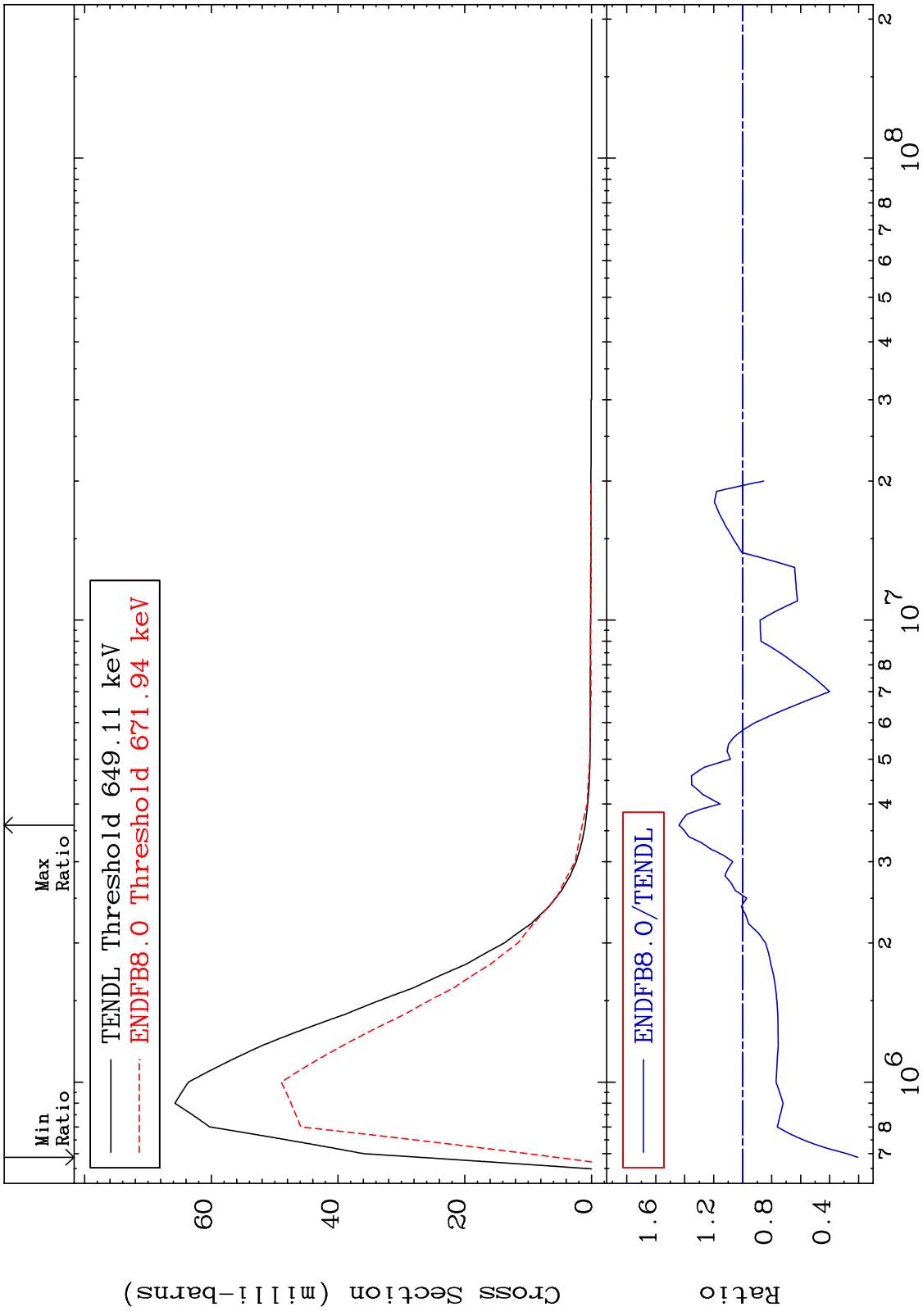
MAT 6840 MT= 67 (n,n') Level Cross Section 68-Er-167 -98.02 To 9999. %



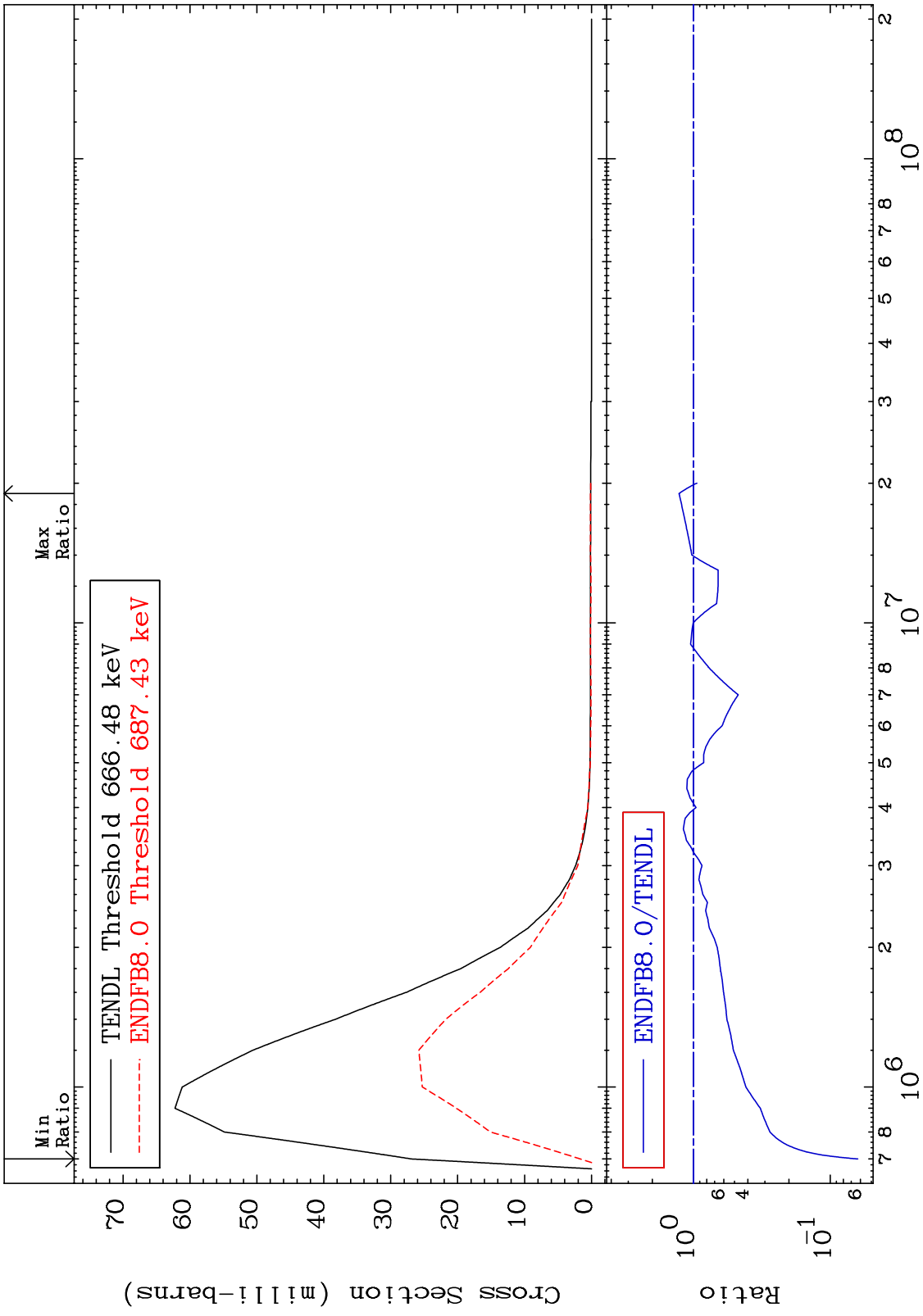
MAT 6840 MT= 68 (n,n') Level Cross Section 68-Er-167  
 -95.74 To 166.0 %



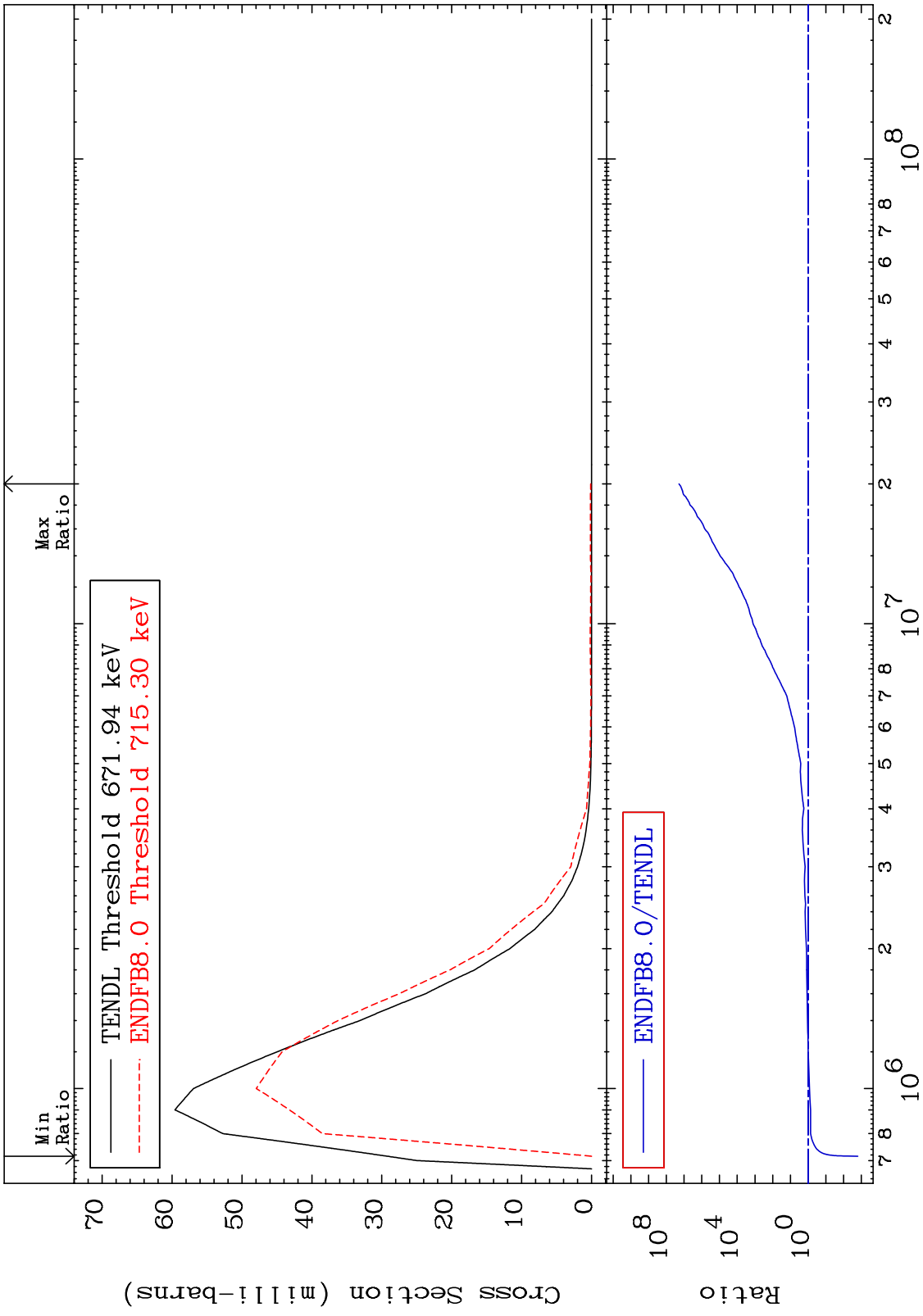
MAT 6840 MT= 69 (n,n') Level Cross Section 68-Er-167 -79.48 To 43.93 %



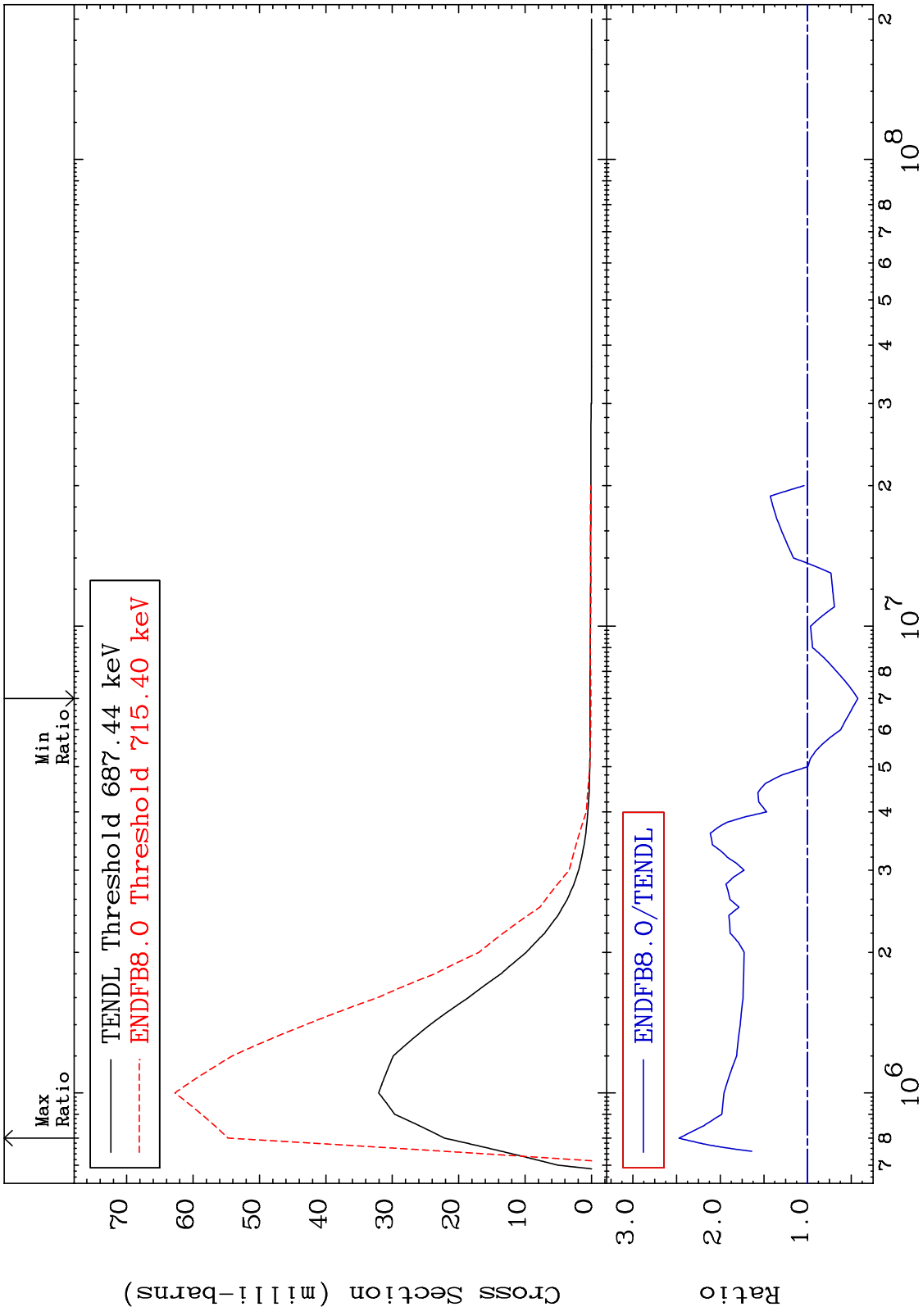
MAT 6840 MT= 70 (n,n') Level Cross Section 68-Er-167 -93.73 To 27.42 %



MAT 6840      MT= 71 (n,n') Level Cross Section      68-Er-167  
 -99.84 To 9999. %

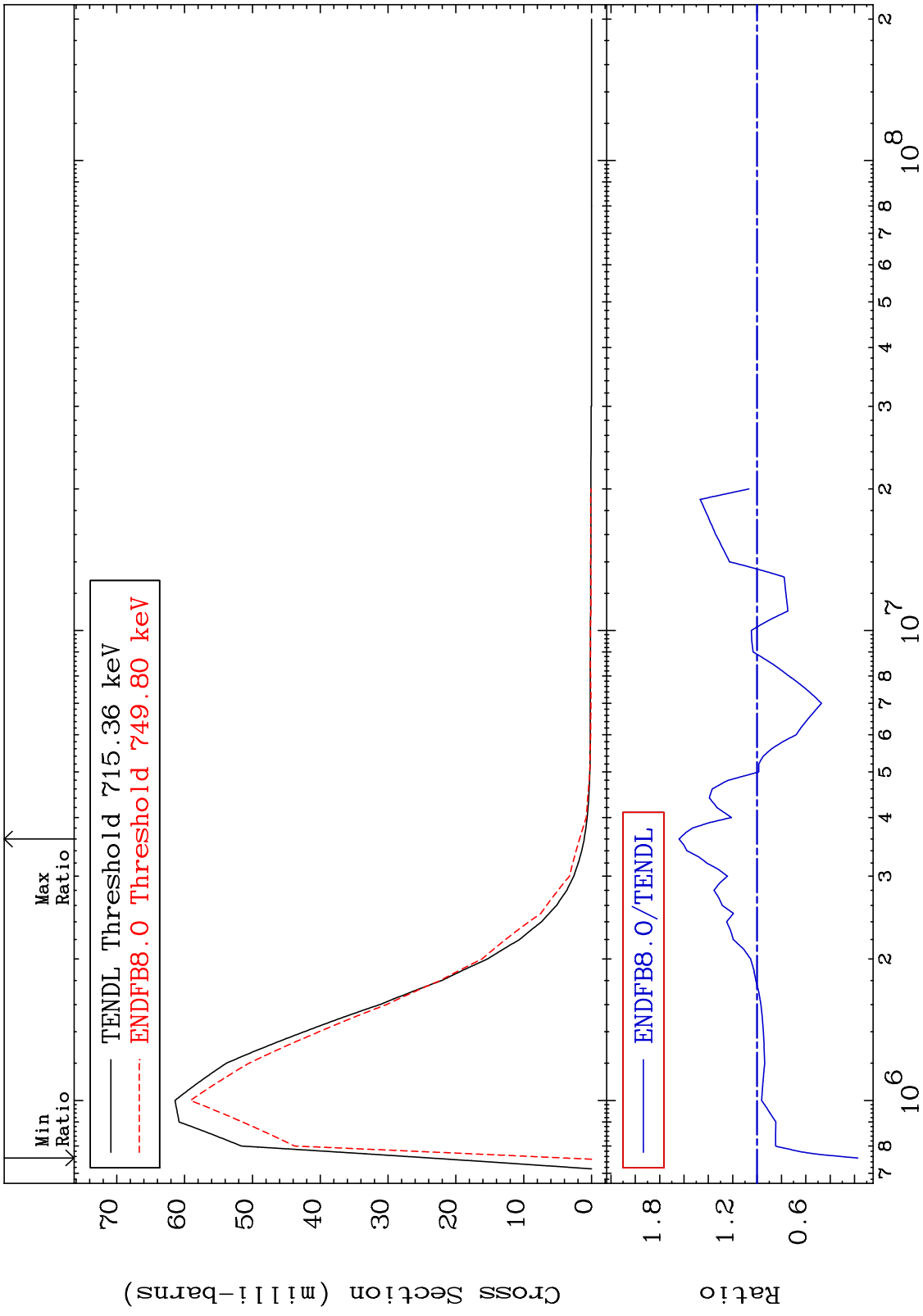


MAT 6840 MT= 72 (n,n') Level Cross Section 68-Er-167  
 -57.56 To 147.2 %



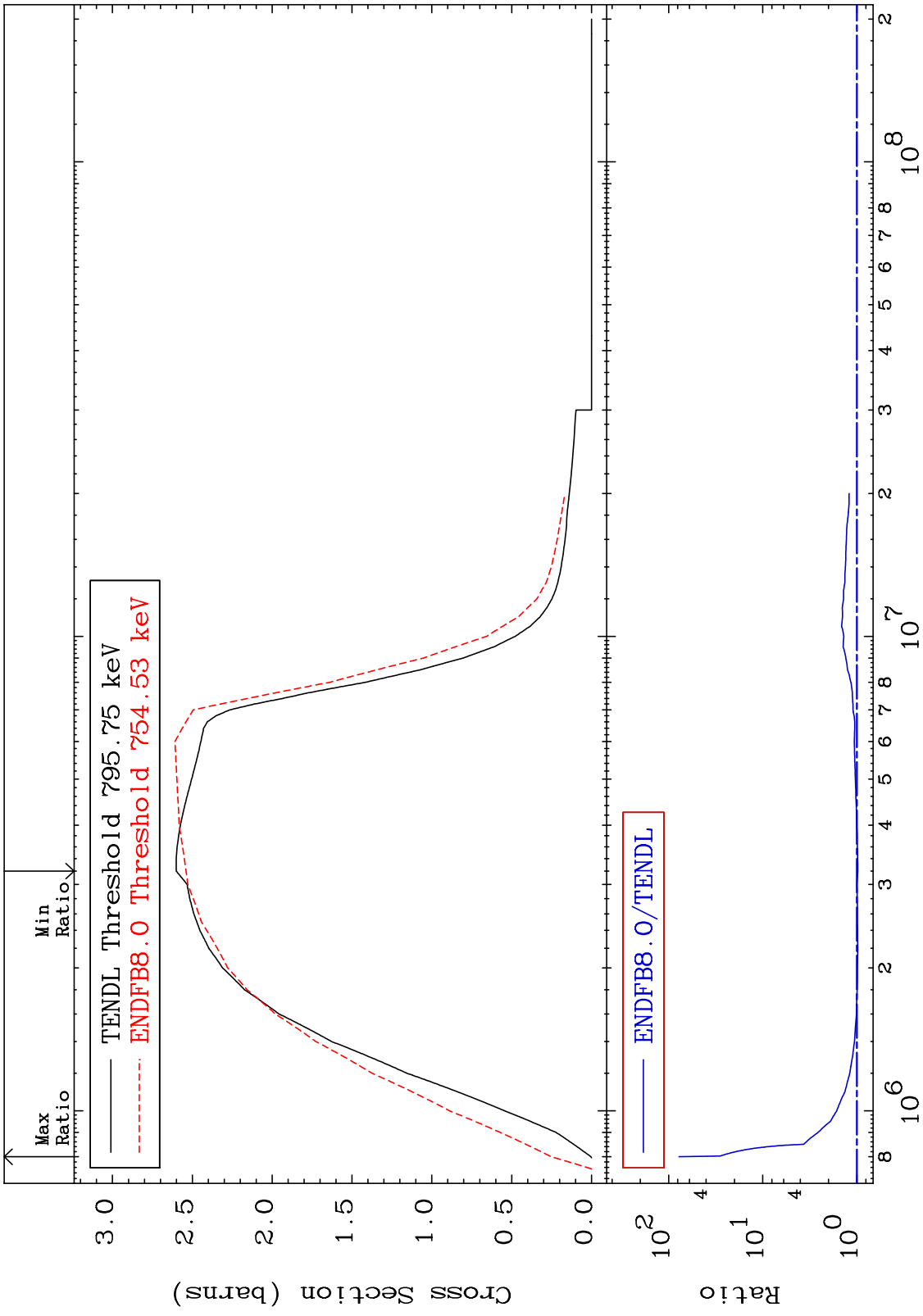
30 Incident Energy (eV) 68-Er-167

MAT 6840 MT= 73 (n,n') Level Cross Section 68-Er-167 -82.74 To 64.07 %





MAT 6840 (n,n') Continuum Cross Section 68-Er-167 -2.364 To 7654. %



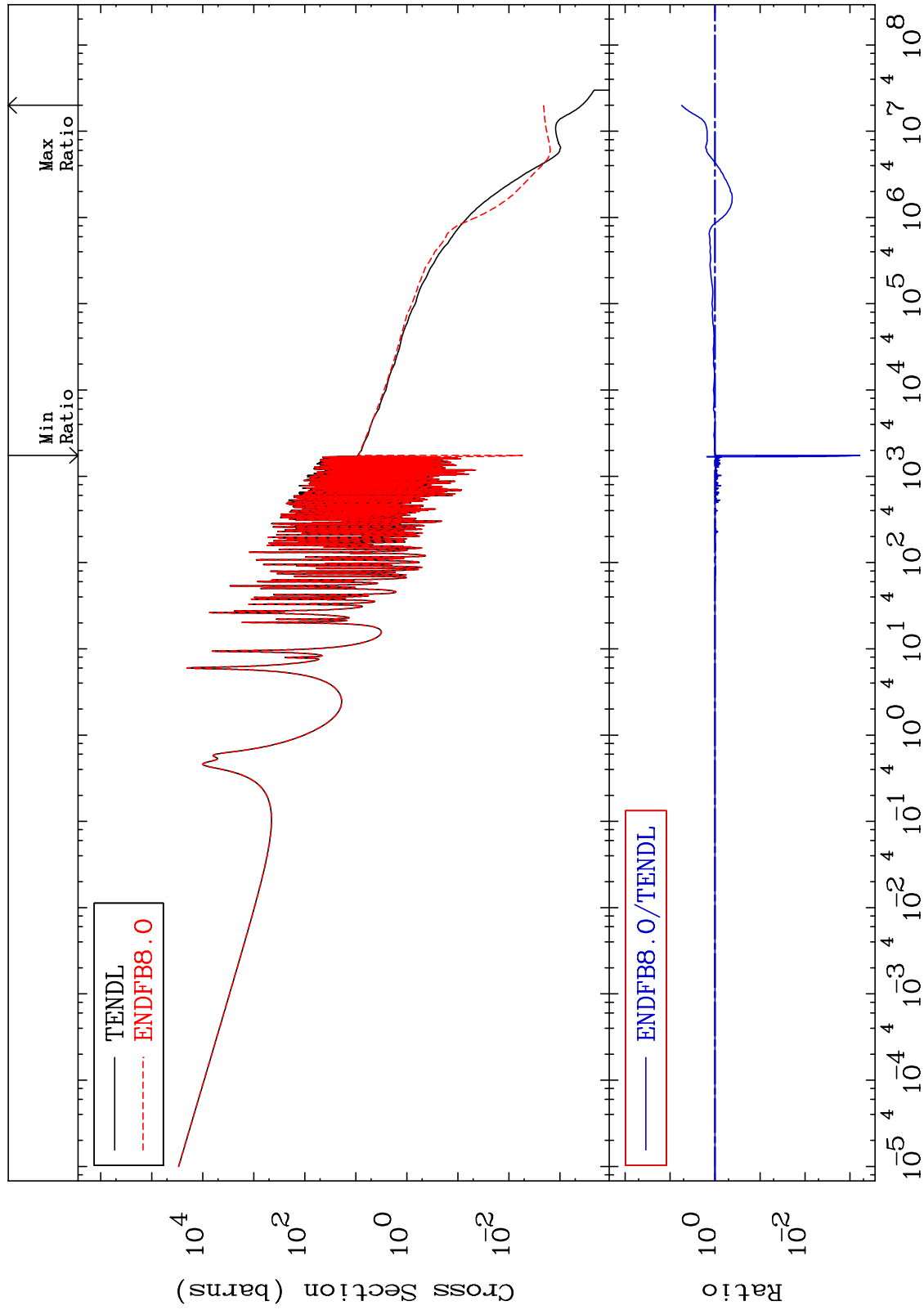
MAT 6840

(n,  $\gamma$ )

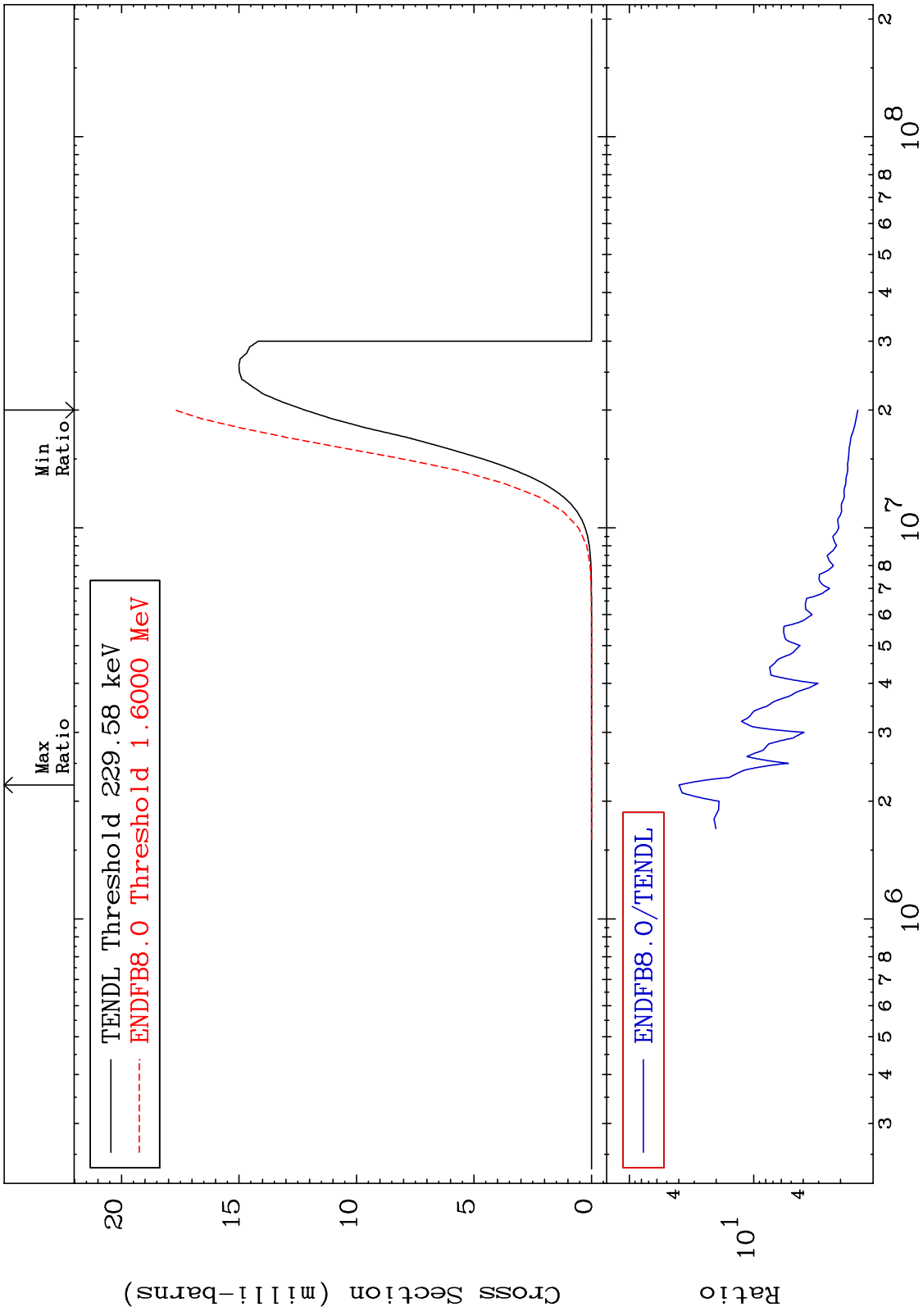
68-Er-167

Cross Section

-99.94 To 458.6 %

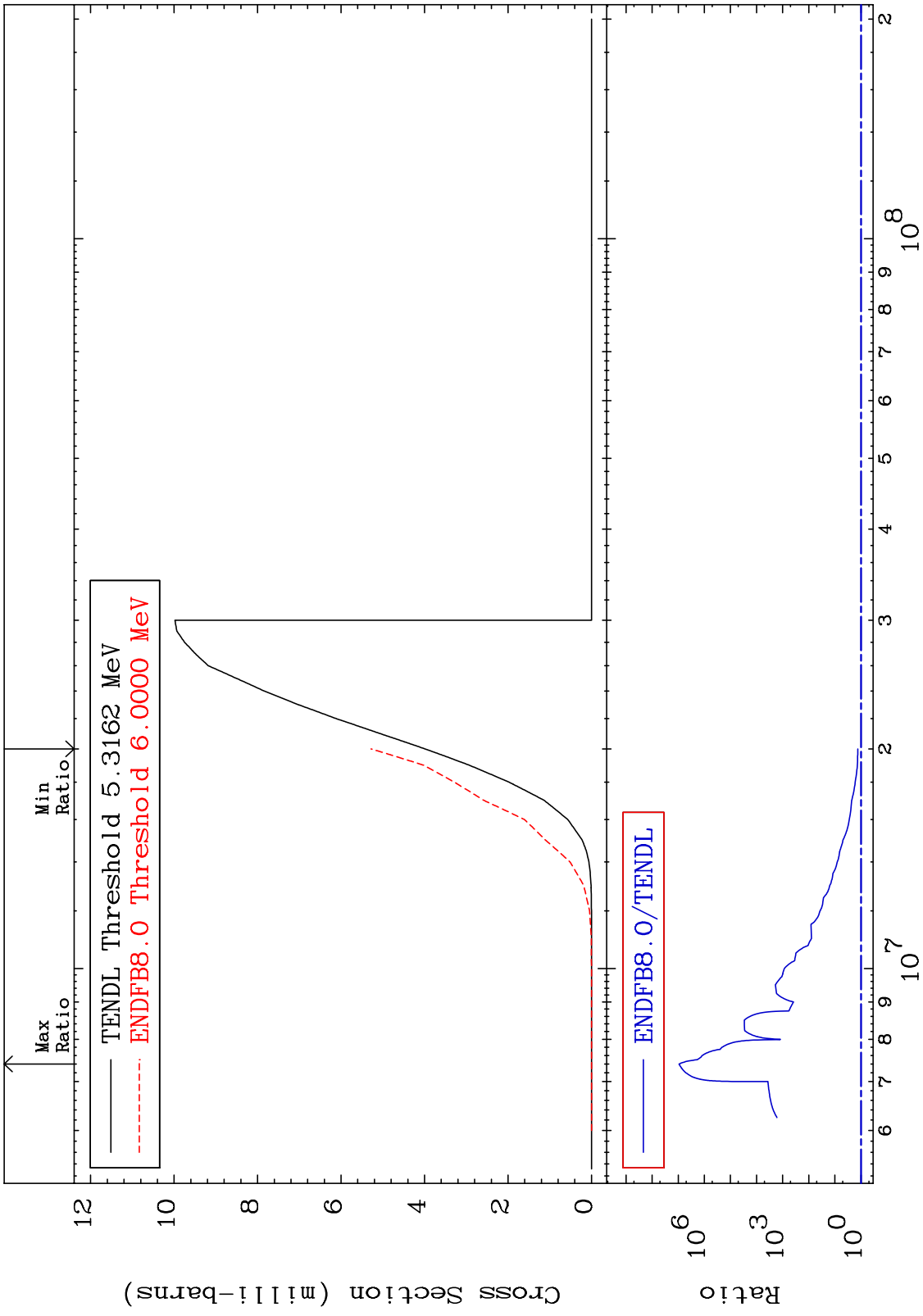


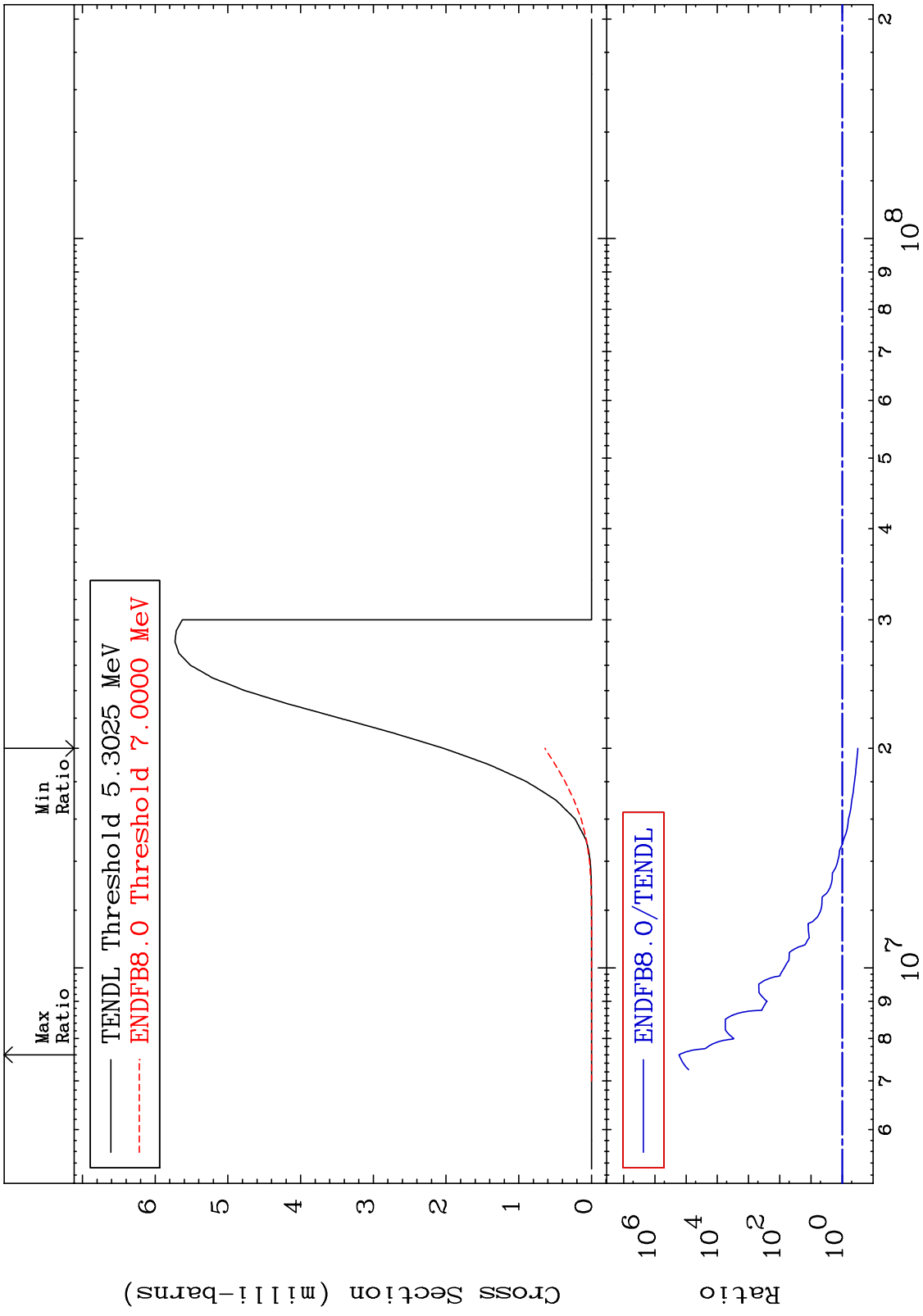
MAT 6840 (n,p) Cross Section 68-Er-167 45.36 To 3880. %



34 Incident Energy (eV) 68-Er-167

MAT 6840 (n,d) Cross Section 68-Er-167 32.36 To 9999. %





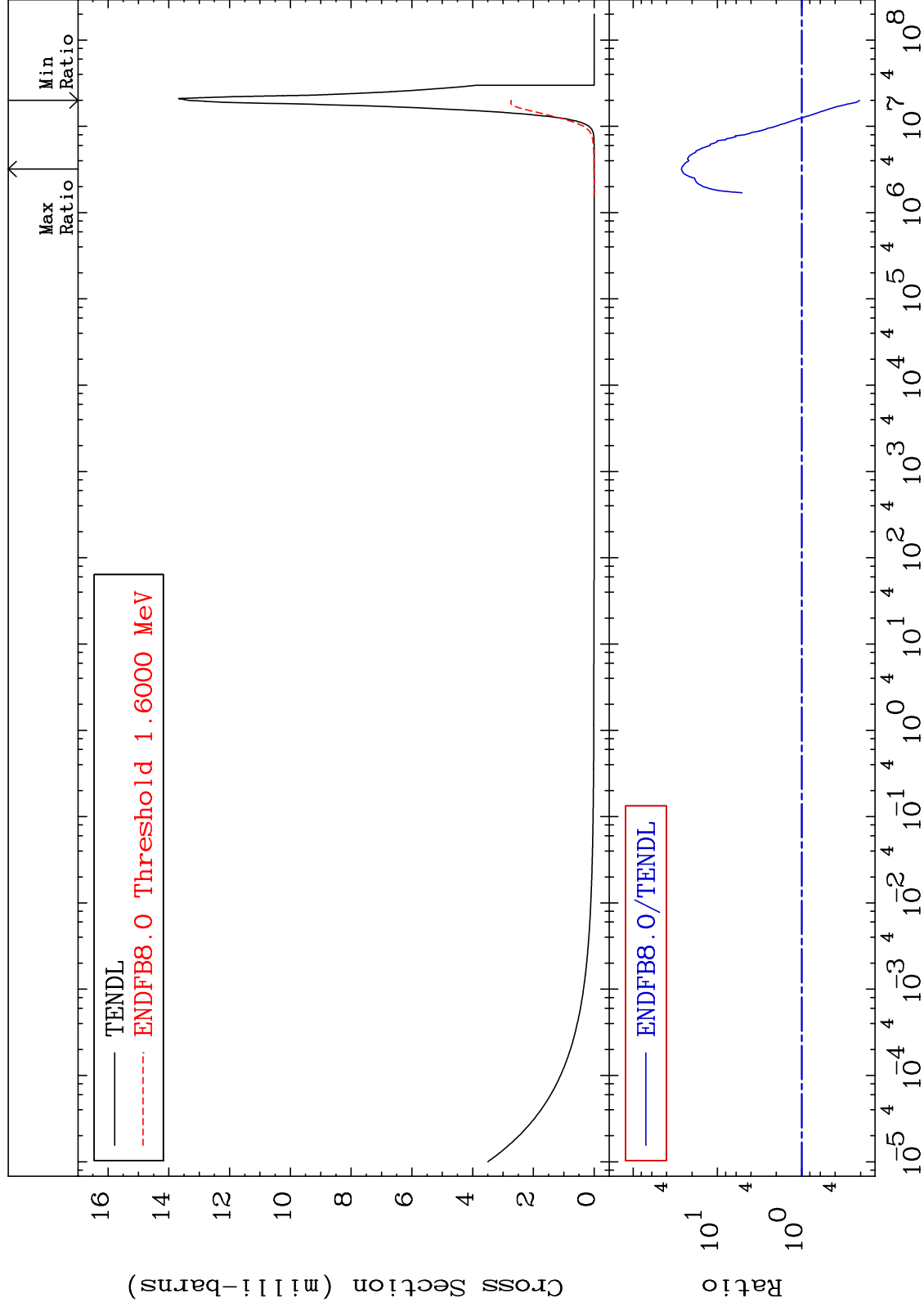
MAT 6840

(n,  $\alpha$ )

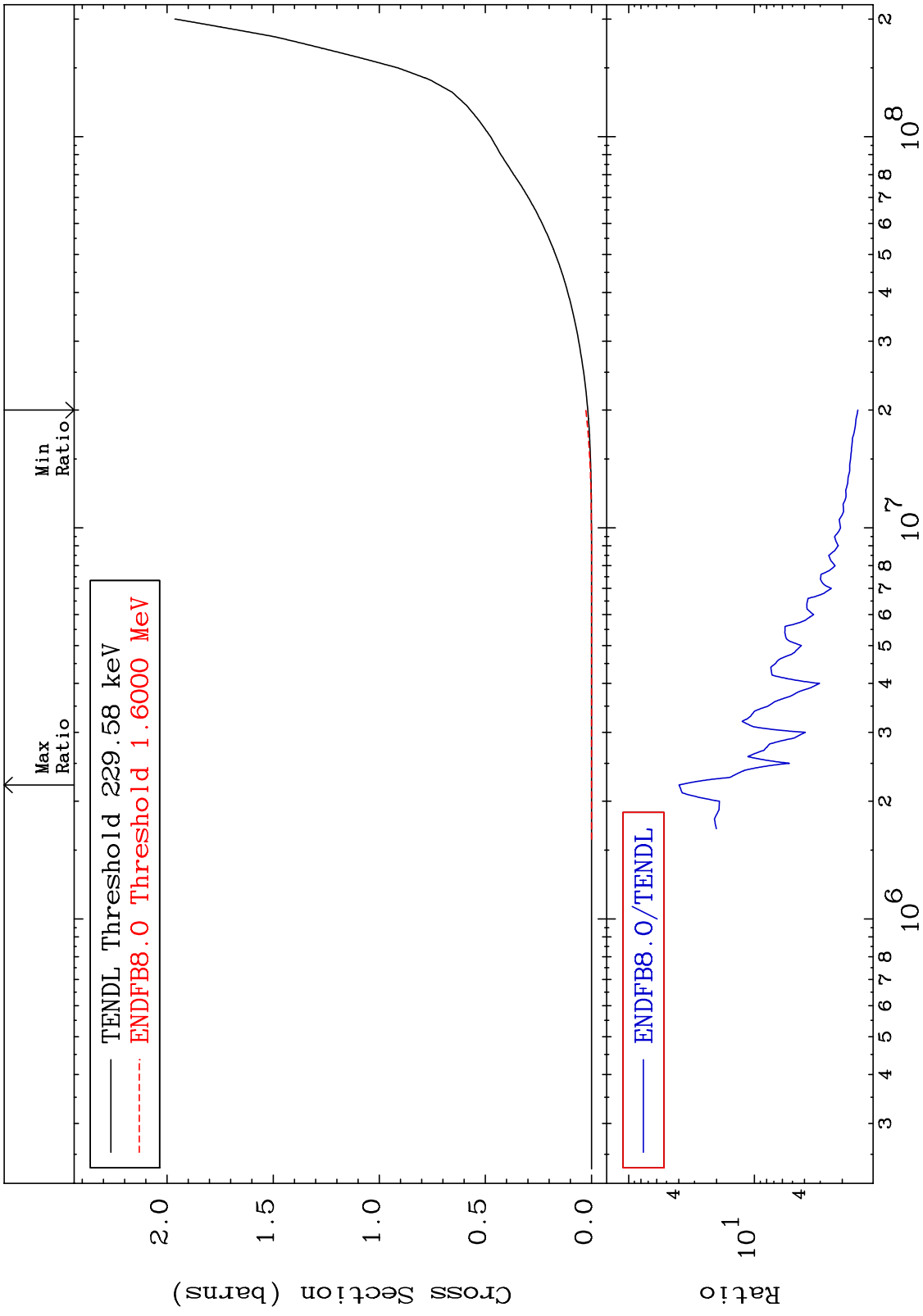
68-Er-167

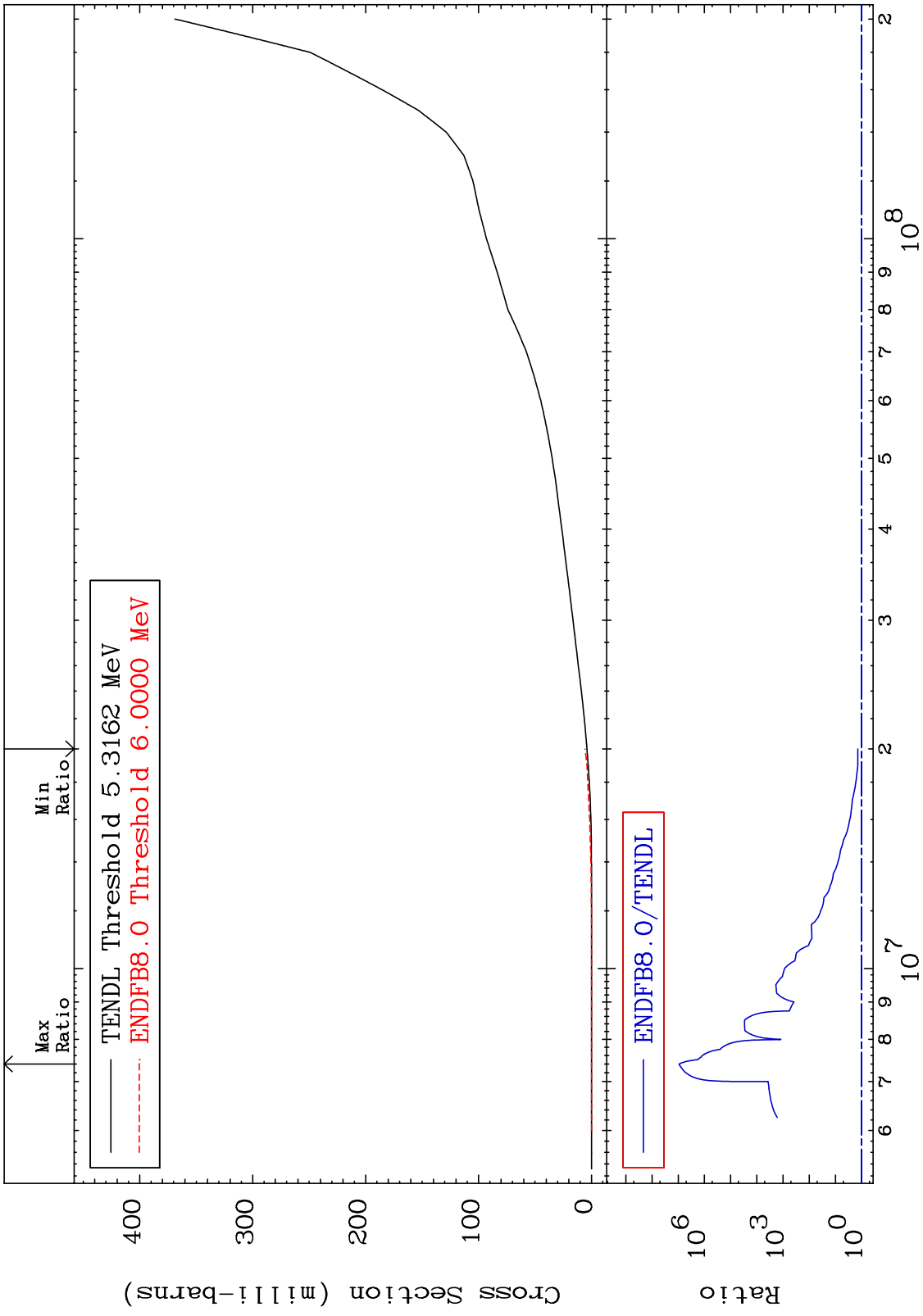
Cross Section

-79.57 To 2568. %



MAT 6840 Hydrogen Production Cross Section 68-Er-167 To 3880. %



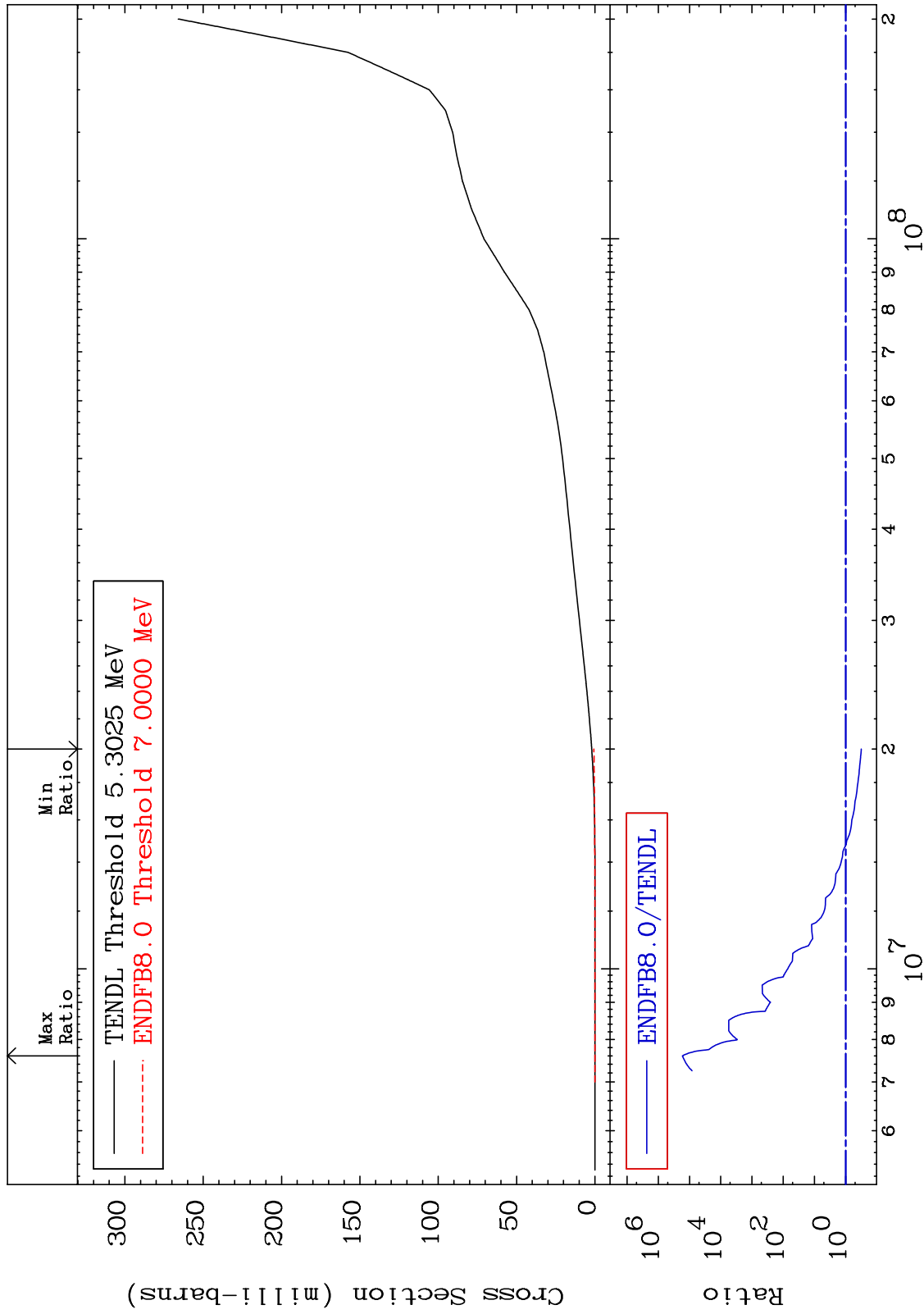




MAT 6840

Tritium Production  
Cross Section

68-Er-167  
-68.52 To 9999. %



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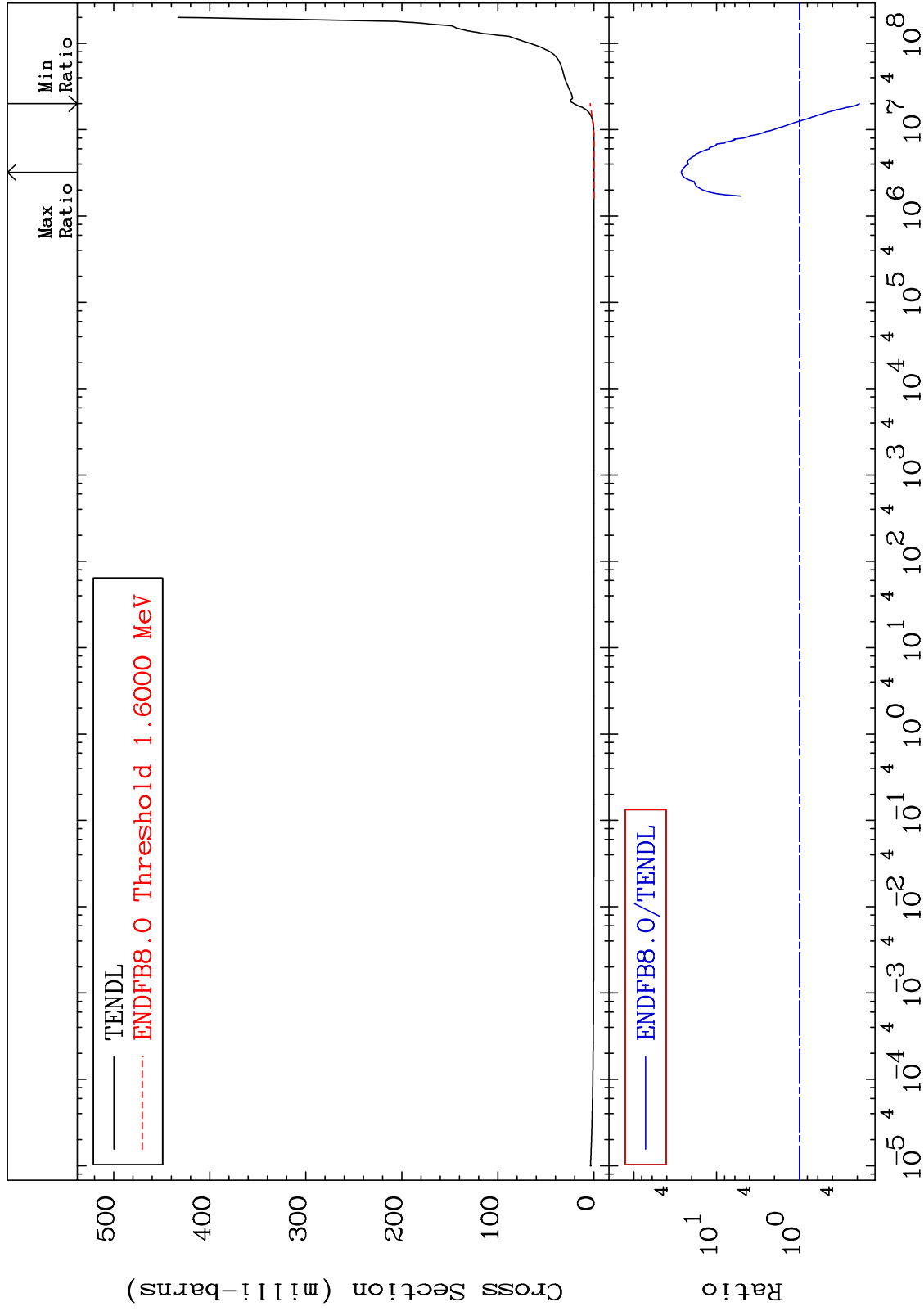
Incident Energy (eV)

68-Er-167

MAT 6840

He-4 Production  
Cross Section

68-Er-167  
-81.34 To 2568. %

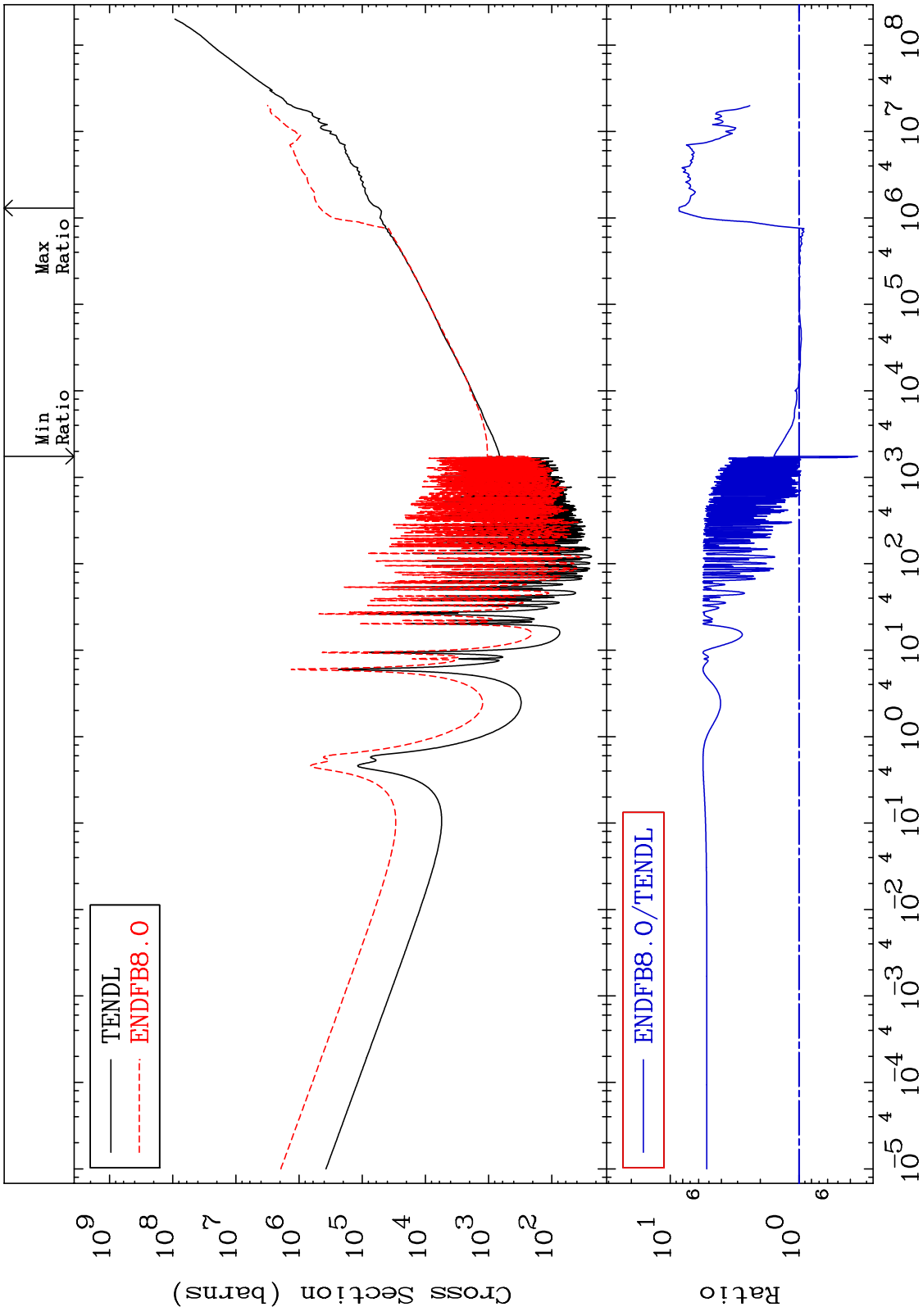


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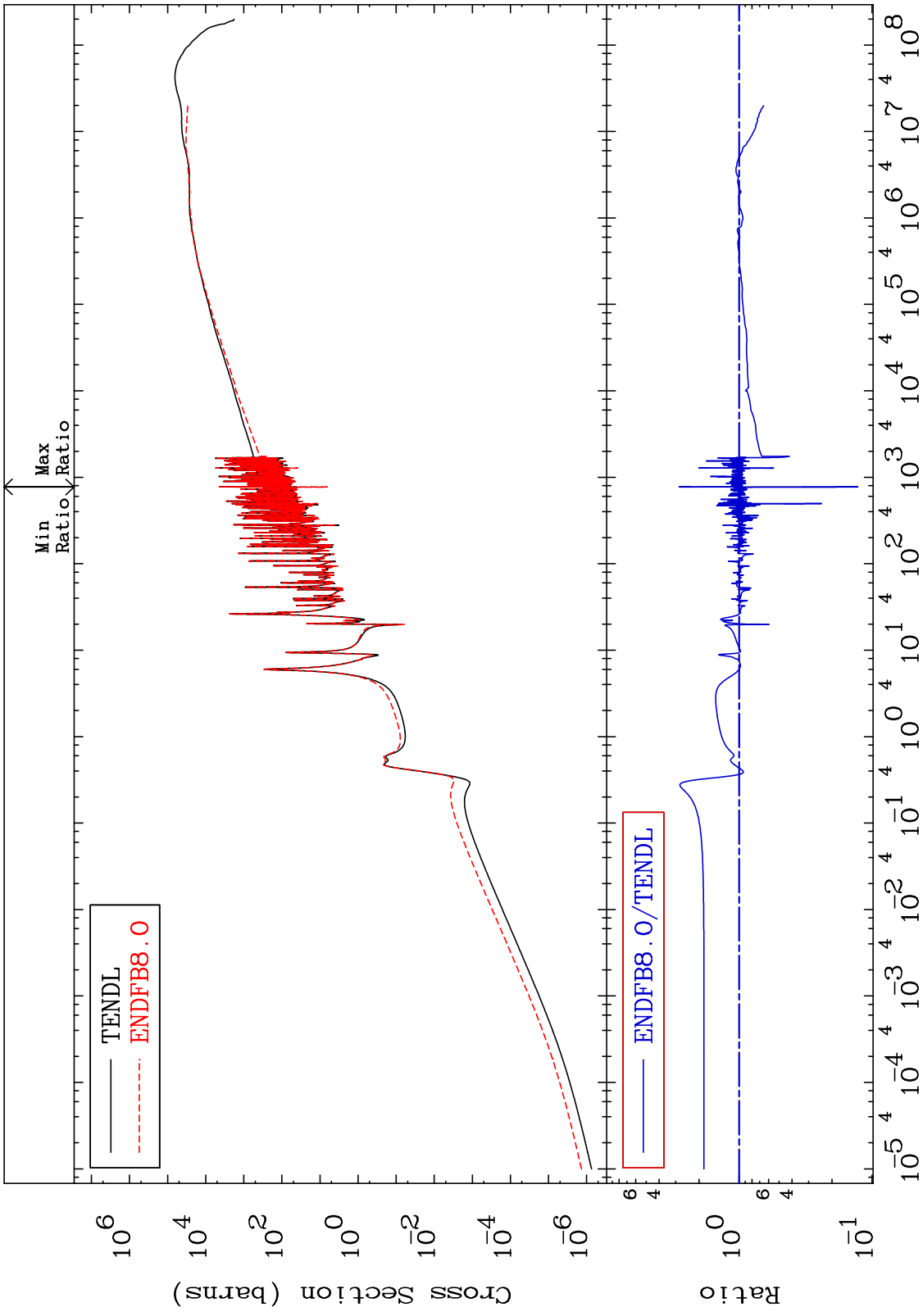
Incident Energy (eV)

68-Er-167

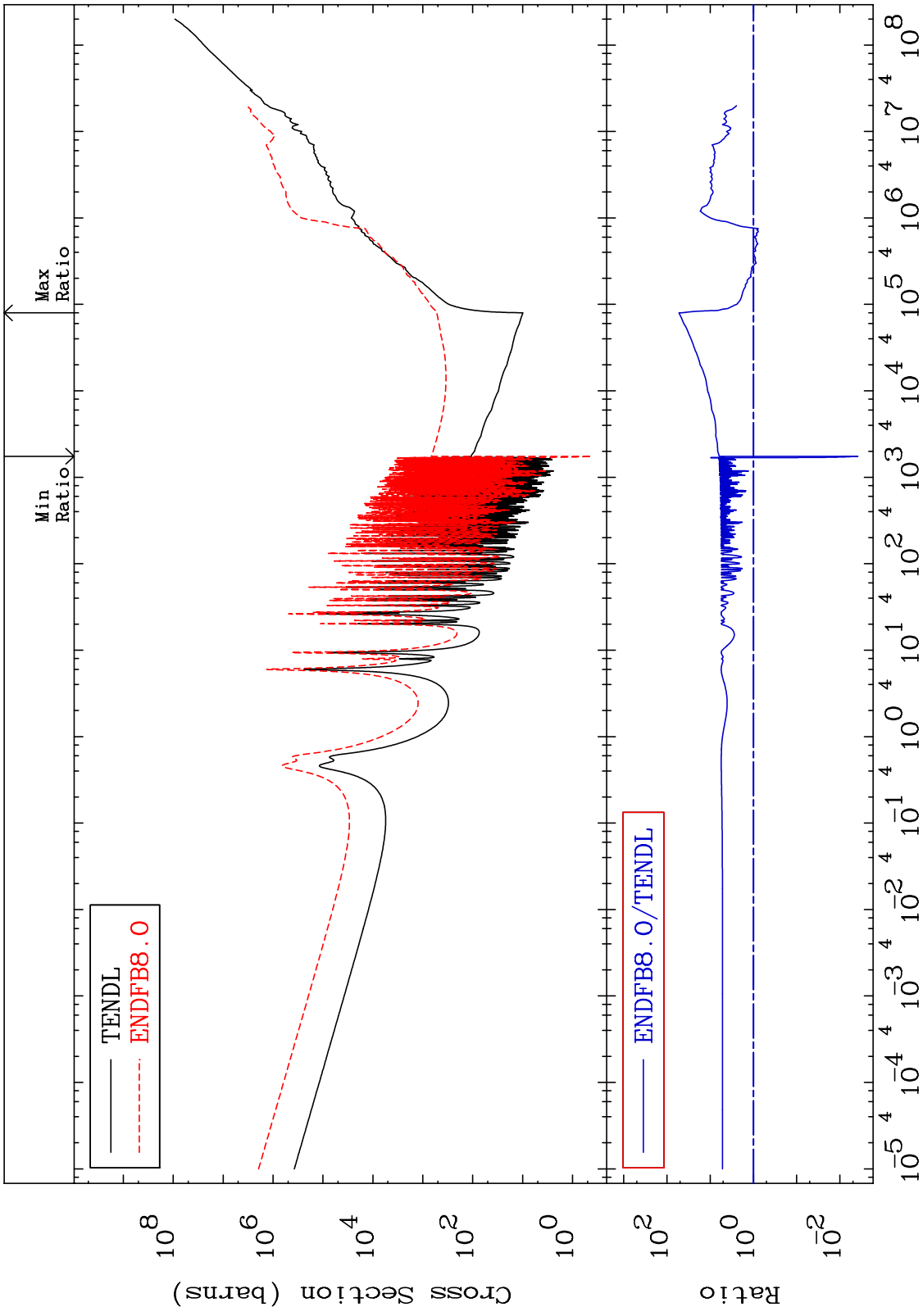
MAT 6840 Kerma total (eV-barns) Cross Section 68-Er-167 -65.03 To 752.8 %



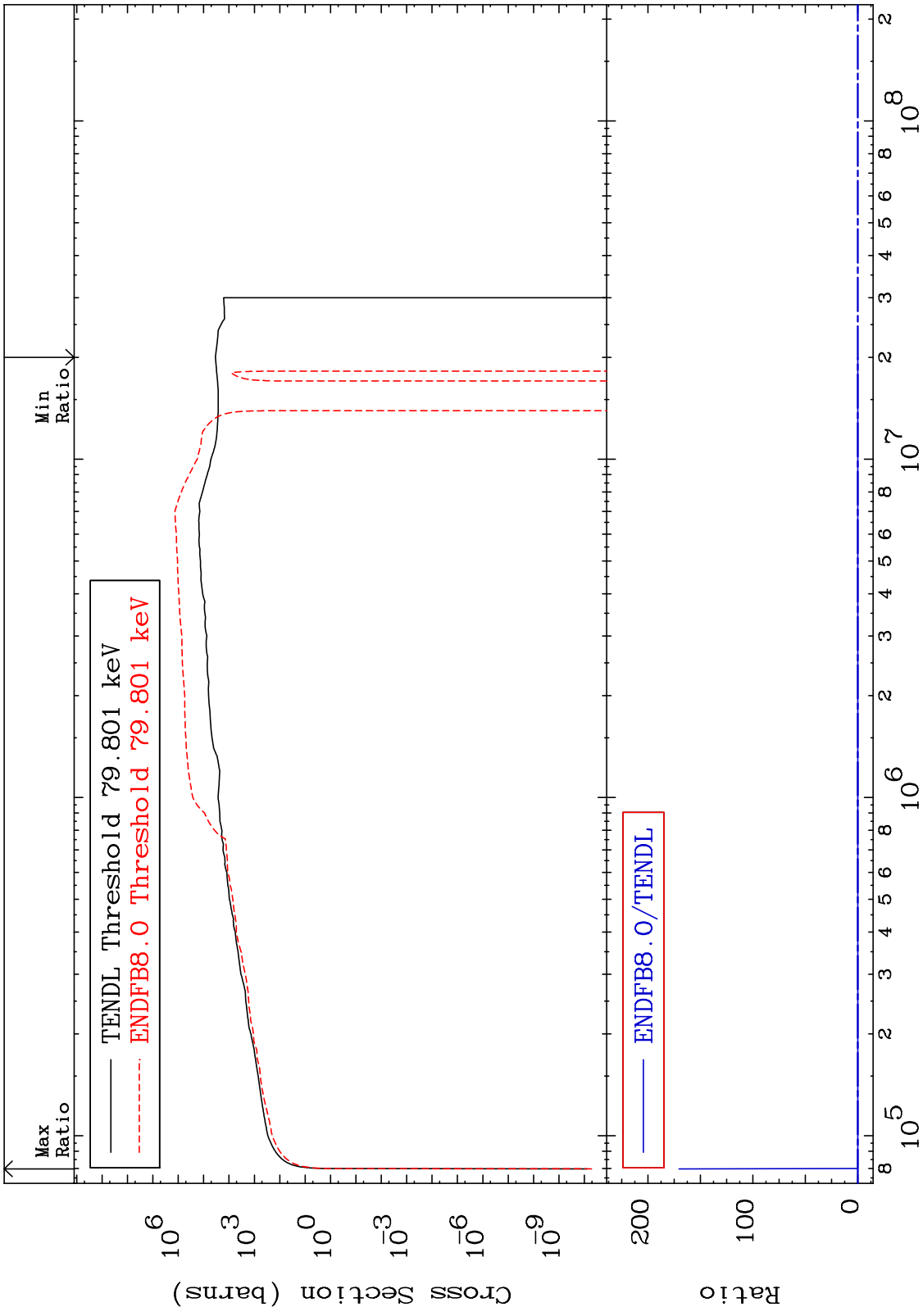
MAT 6840 68-Er-167  
-87.22 To 183.3 %  
 Kerma elastic Cross Section



MAT 6840 Kerma non-elastic (all but mt2) Cross Section 68-Er-167 -99.62 To 5163. %



MAT 6840 Kerma inelastic (mt51-91) 68-Er-167  
 Cross Section -289.8 To 9999. %

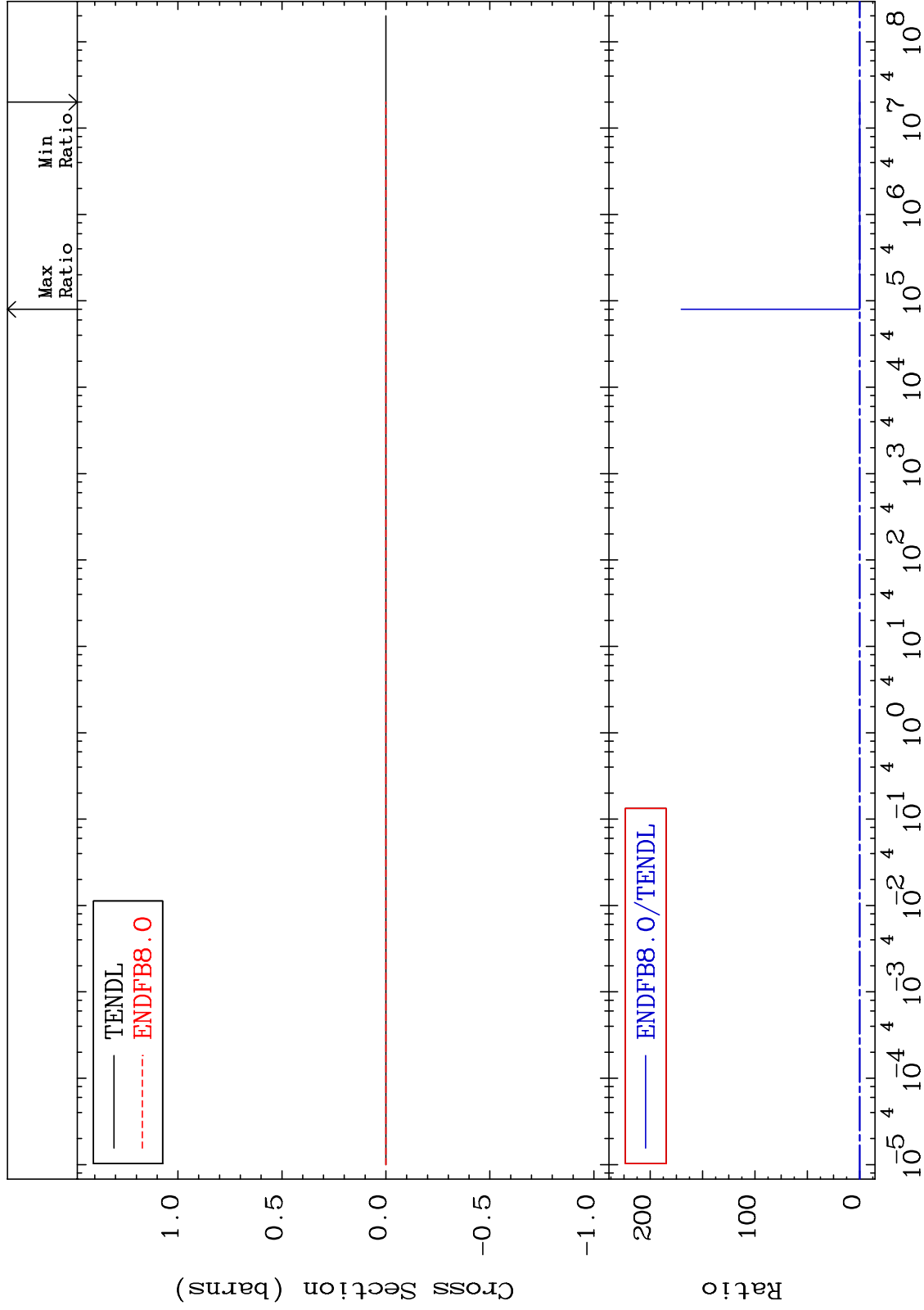


45 68-Er-167

MAT 6840

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

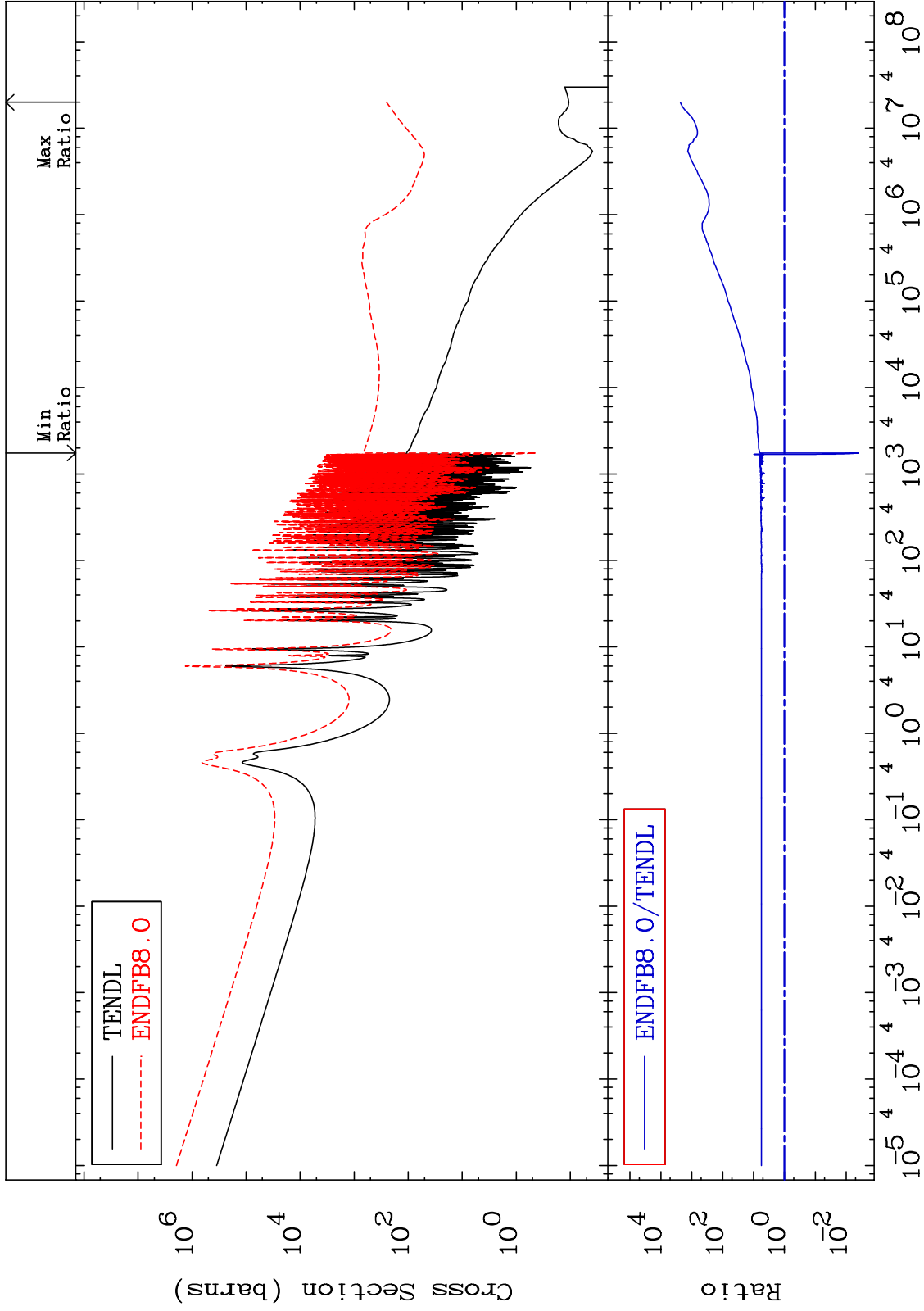
68-Er-167  
-289.8 To 9999. %



MAT 6840

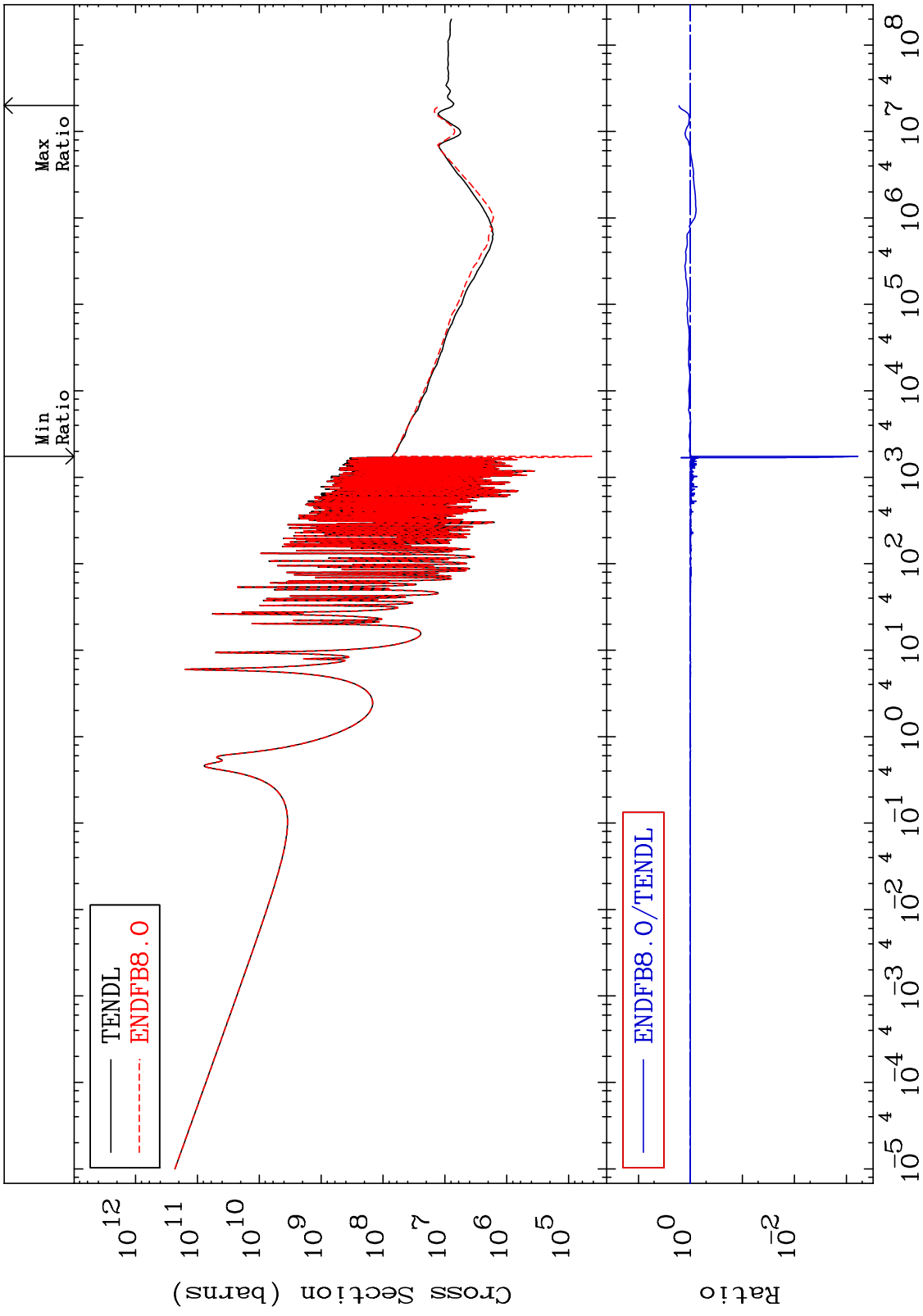
Kerma capture (mt102)  
Cross Section

68-Er-167  
-99.61 To 9999. %



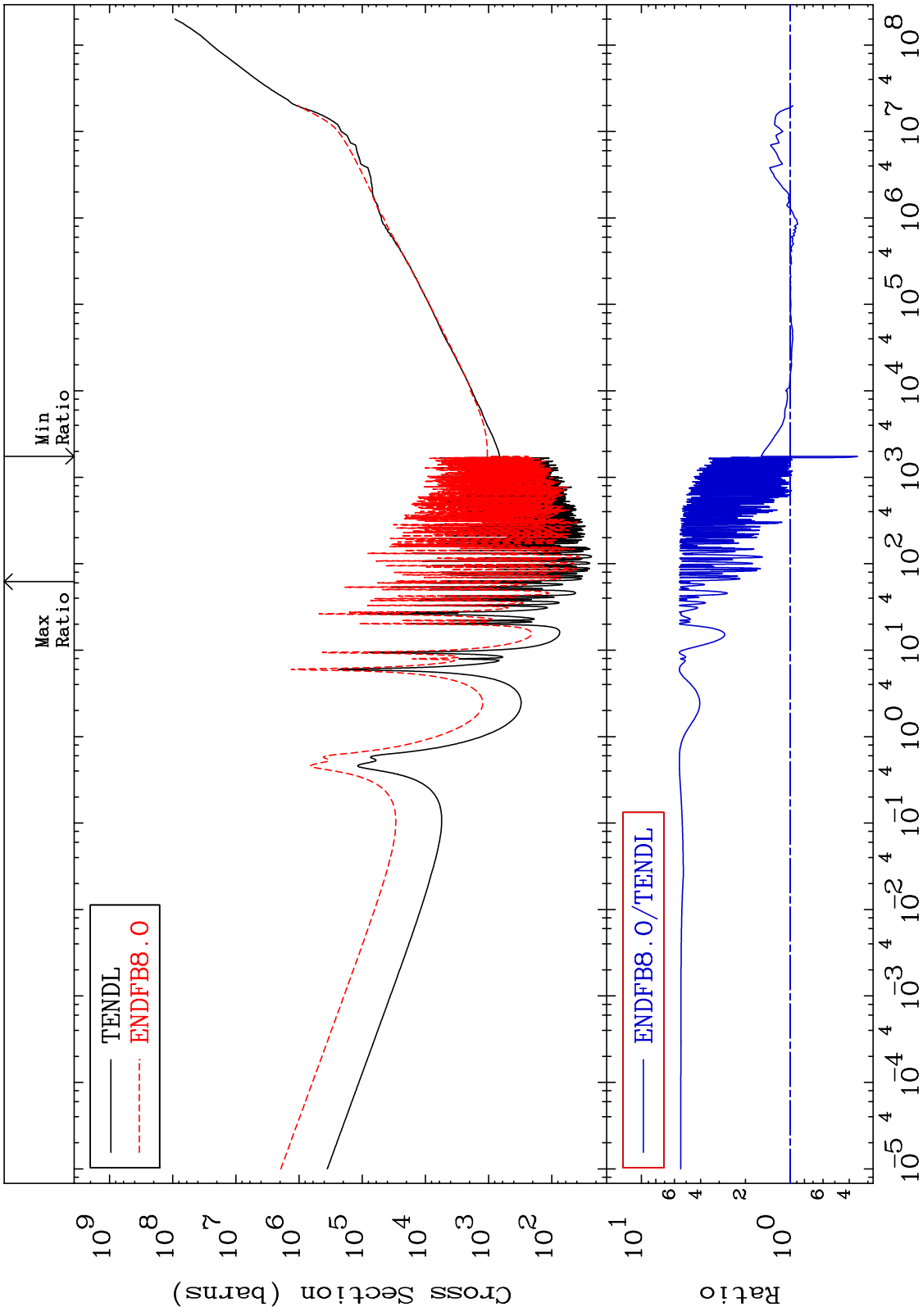


MAT 6840 Total photon (eV-barns) Cross Section 68-Er-167  
 -99.94 To 65.70 %

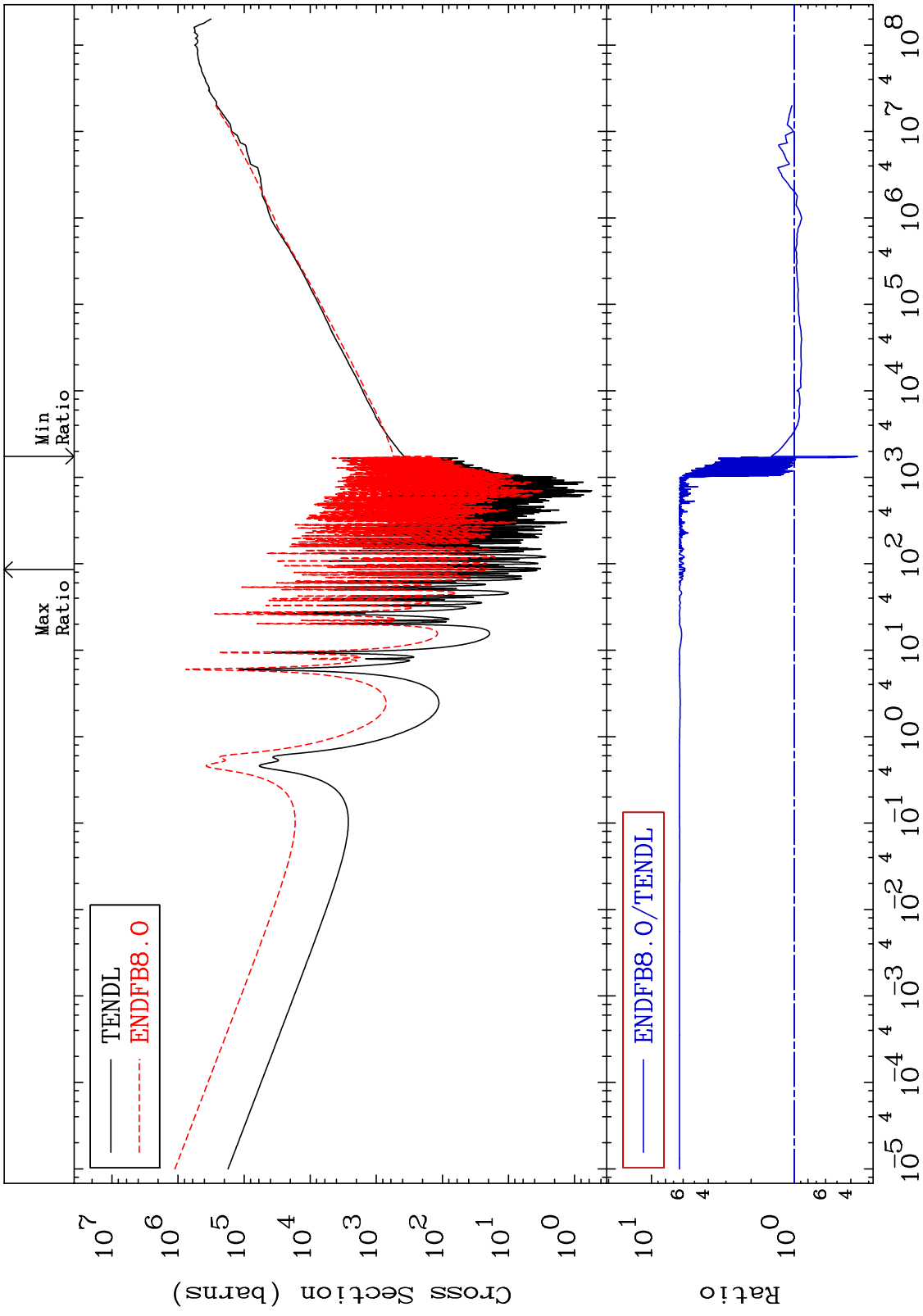


48 68-Er-167

MAT 6840 Total kinematic kerma (high limit) 68-Er-167  
 Cross Section -65.03 To 458.7 %



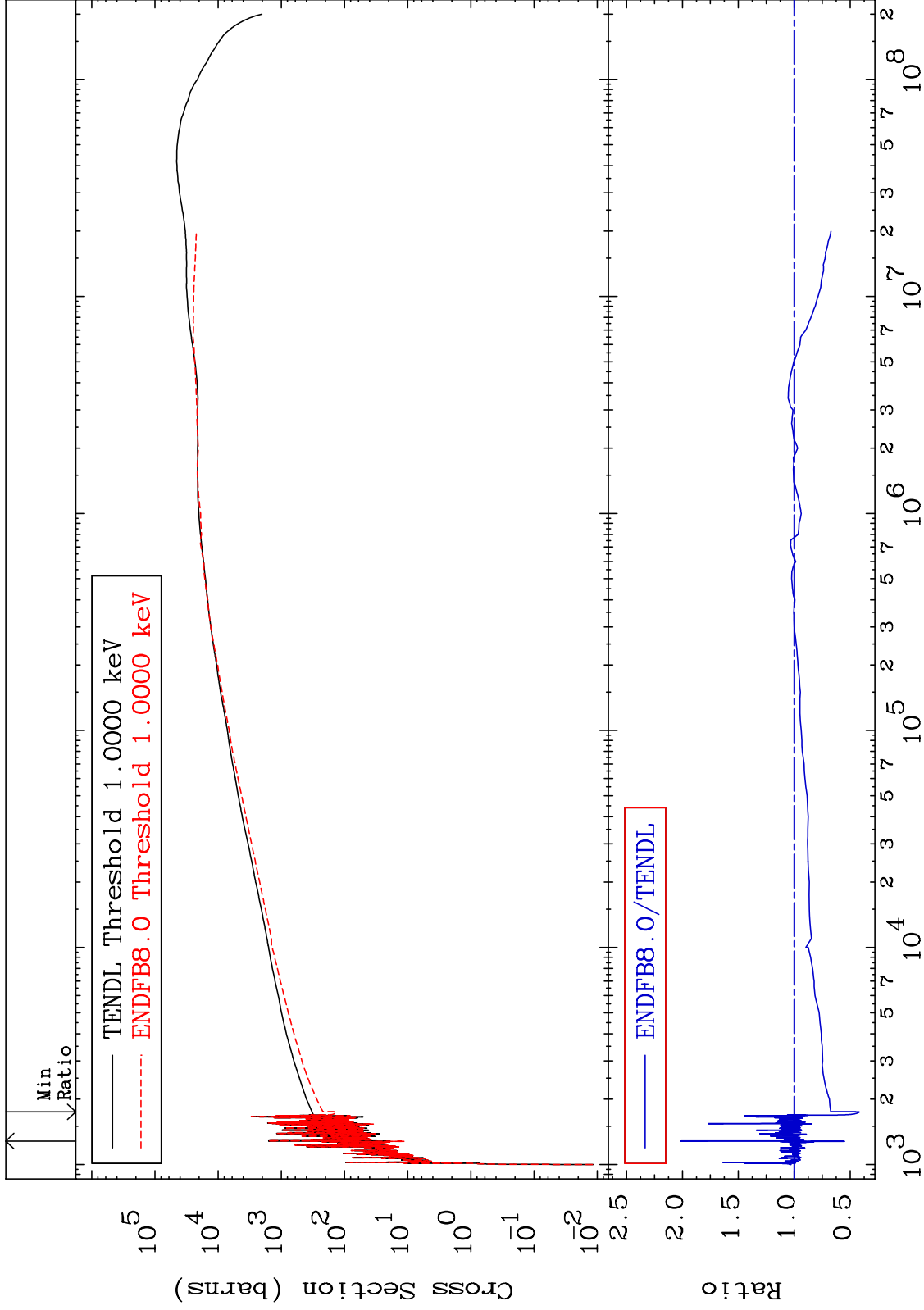
MAT 6840      Dpa total (eV-barns)      68-Er-167  
 -64.27 To 541.2 %



MAT 6840

Dpa elastic (mt2)  
Cross Section

68-Er-167  
-58.51 To 101.4 %

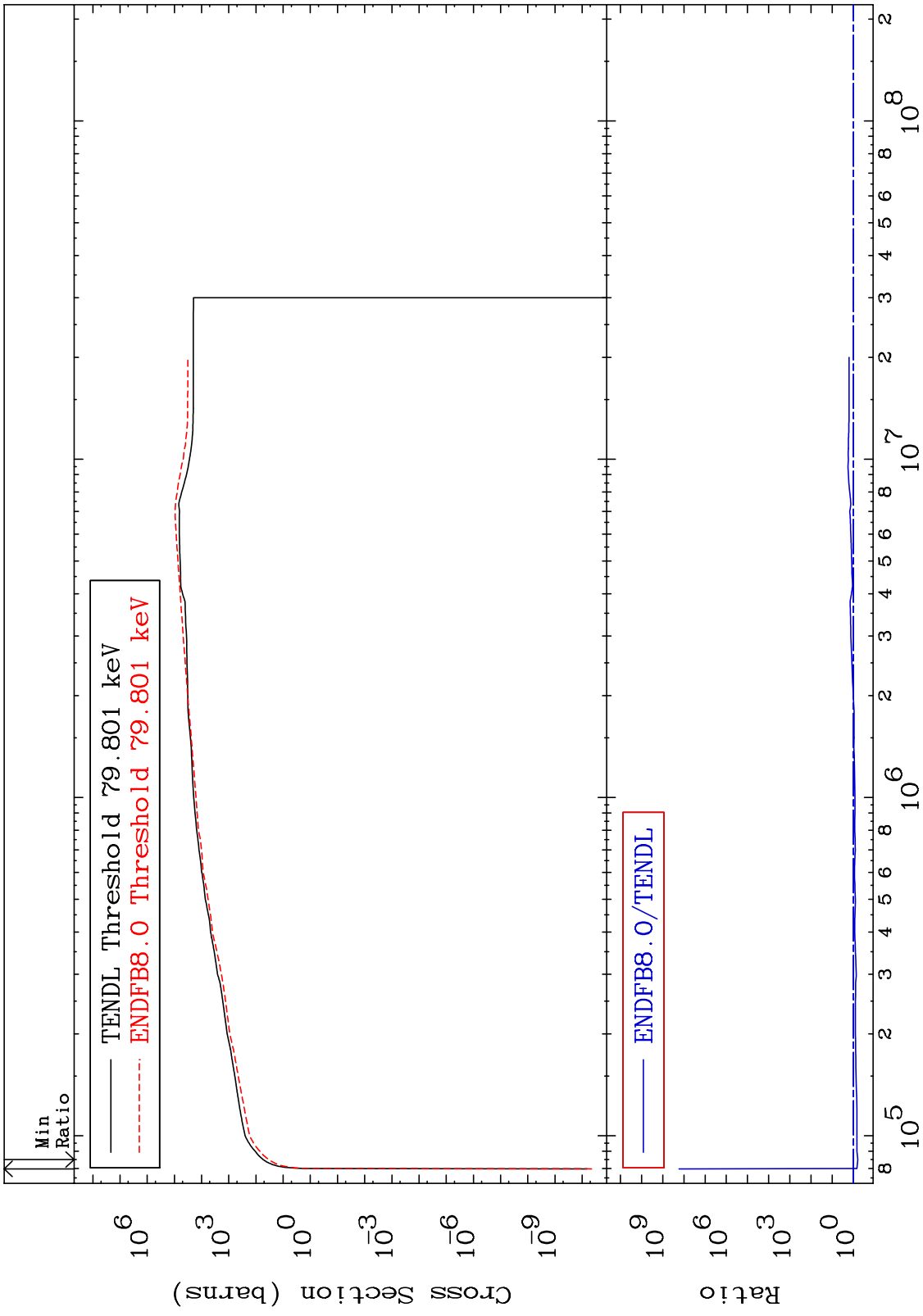


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68-Er-167

68-Er-167

MAT 6840      Dpa inelastic (mt51-91)      68-Er-167  
 Cross Section      -38.73 To 9999. %



MAT 6840      Dpa disappearance (mt102 -120)      68-Er-167  
 Cross Section      -99.62 To 1690. %

