

Program Complot  
(Version 2018-1)

by

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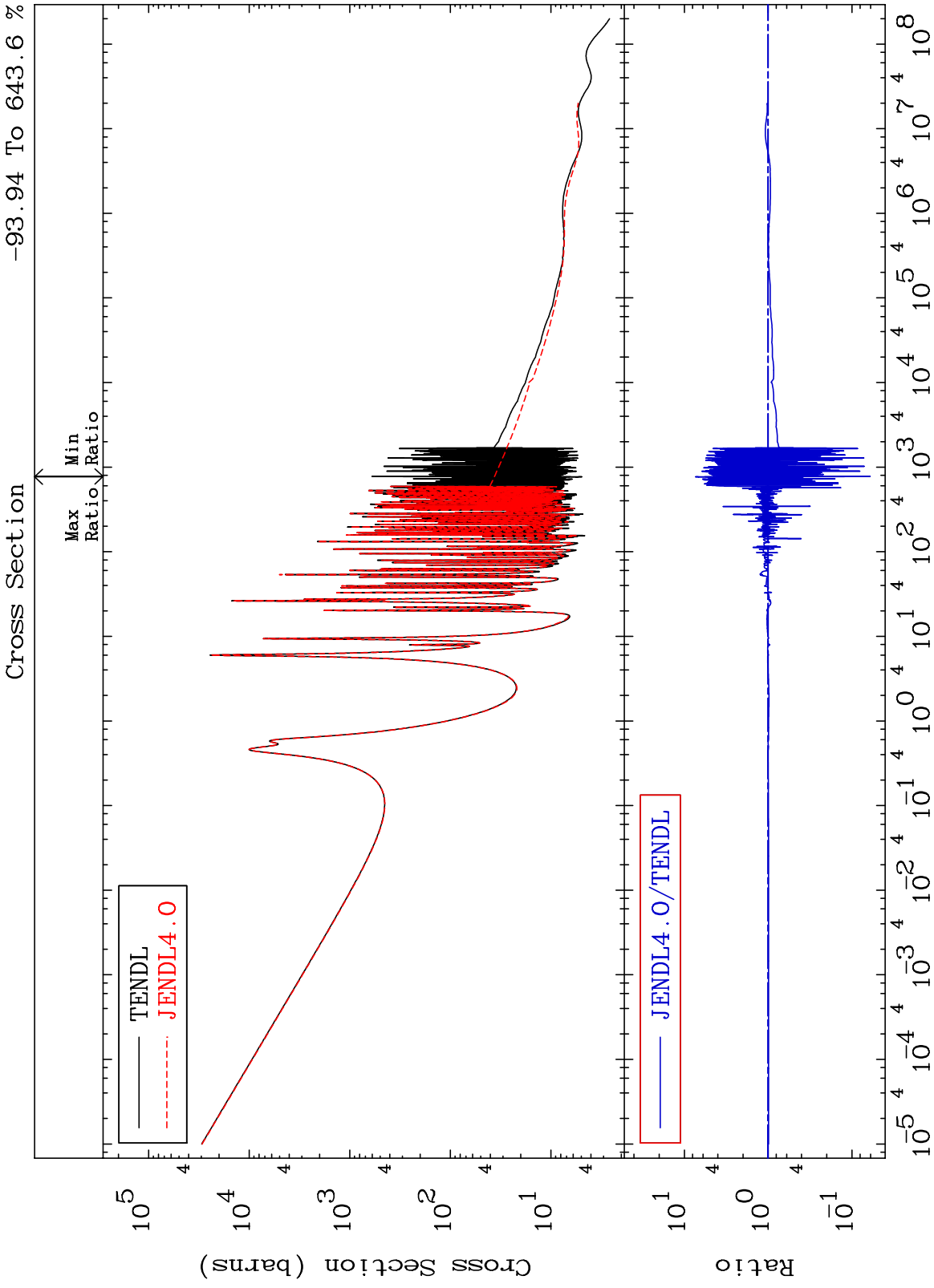
U.S.A.

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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

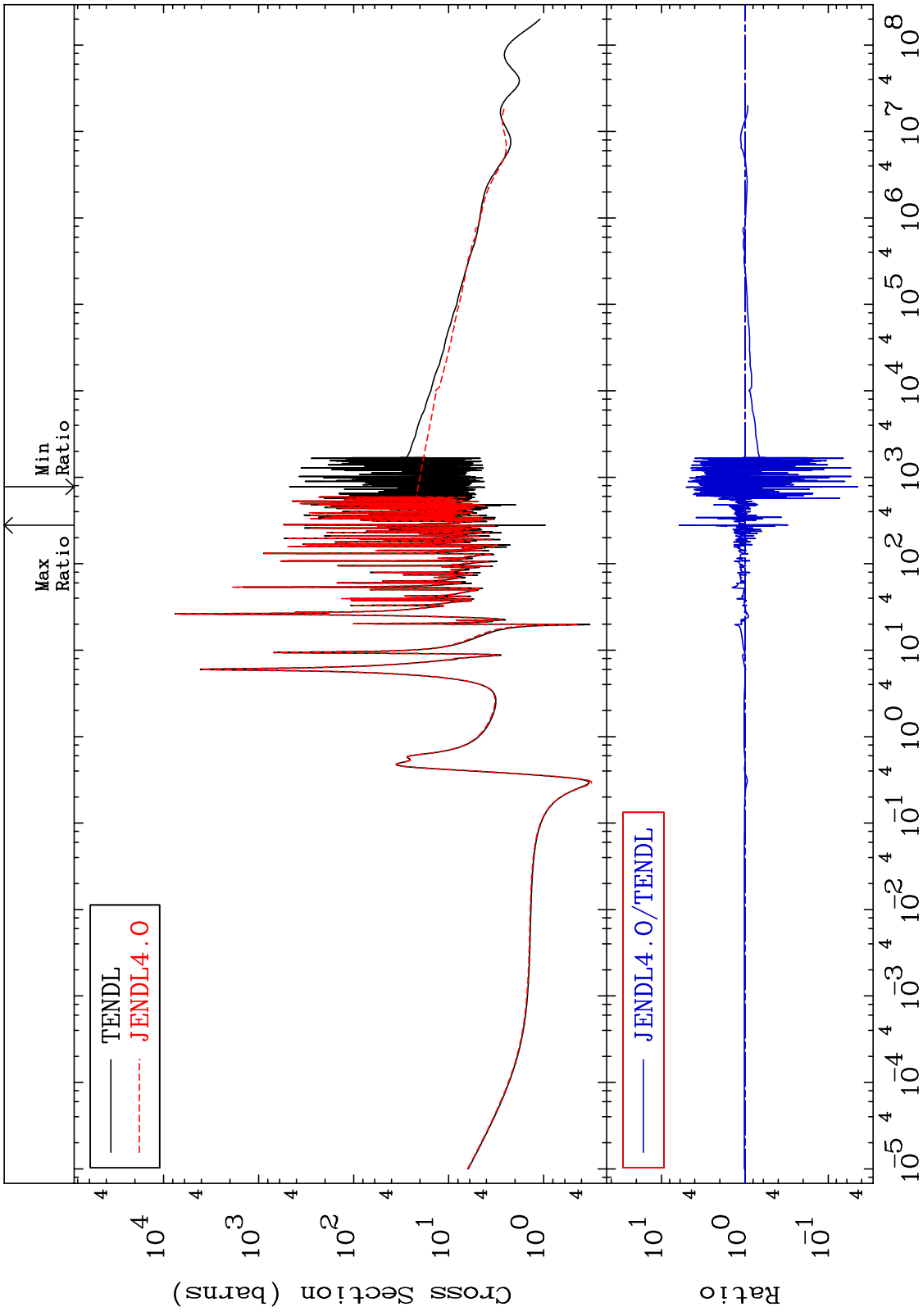
MAT 6840 68-Er-167 -93.94 To 643.6 %



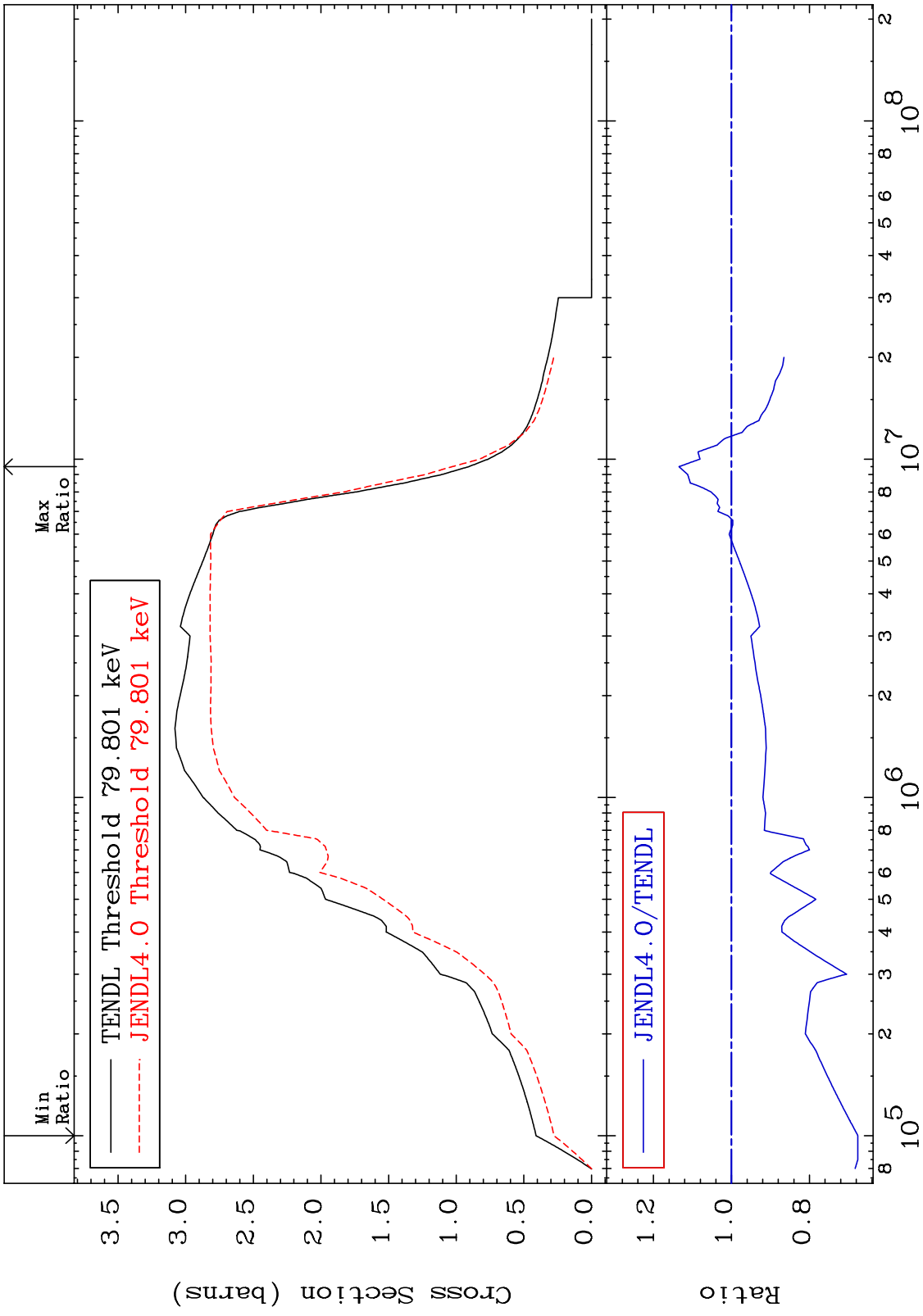
68-Er-167

68-Er-167

MAT 6840 Elastic Cross Section 68-Er-167 -95.57 To 516.1 %

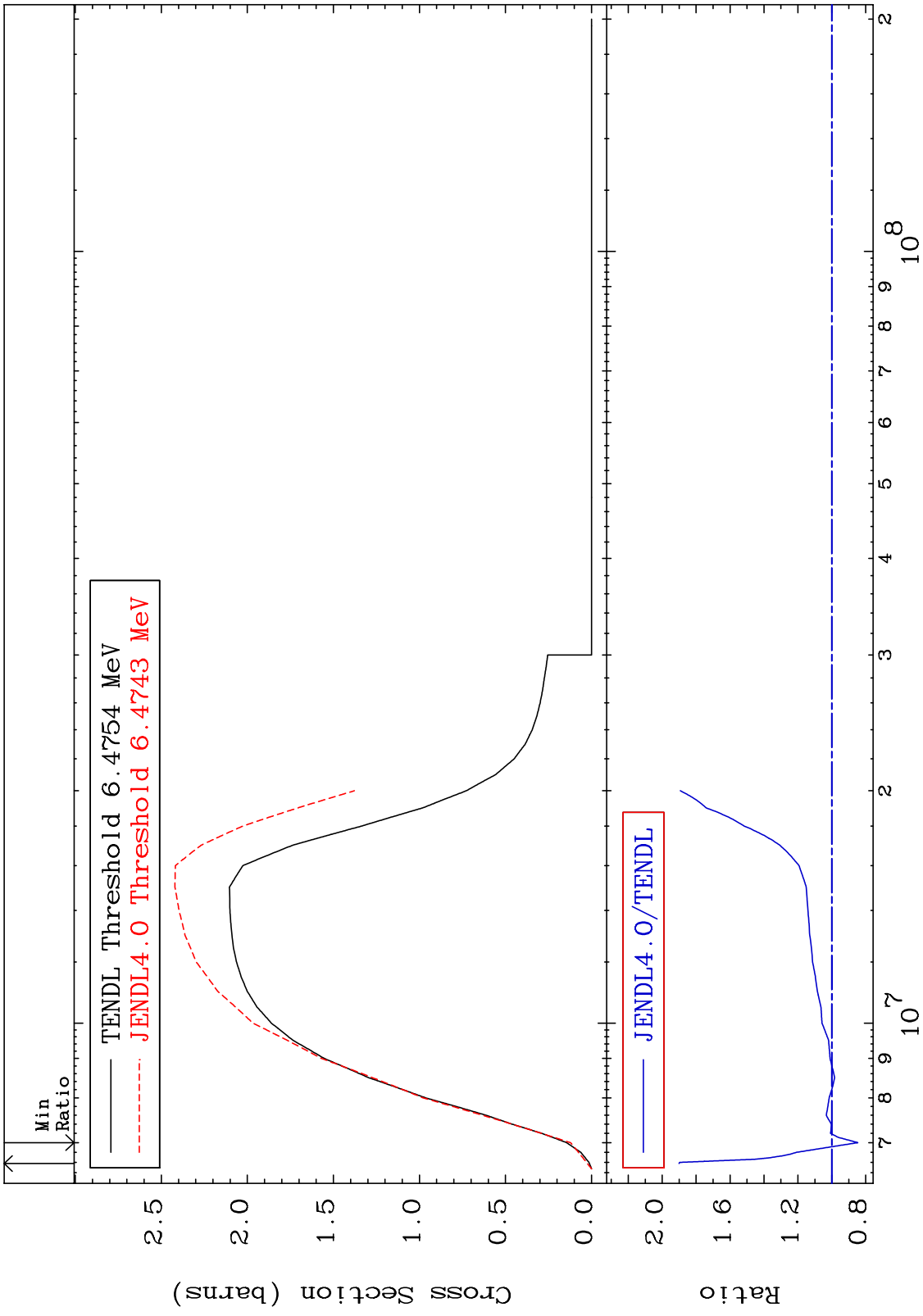


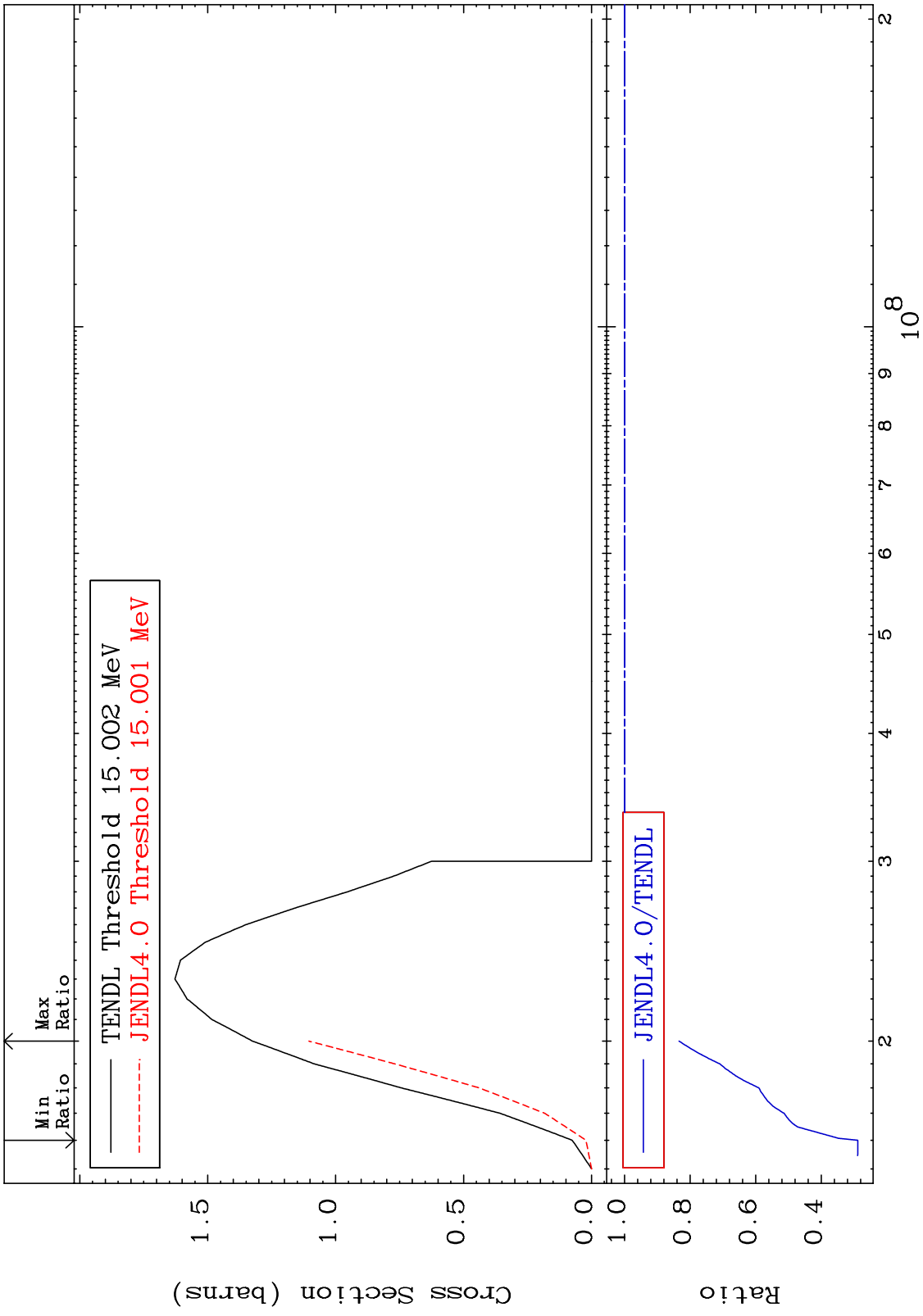
MAT 6840 Inelastic Cross Section 68-Er-167 -32.39 To 13.45 %



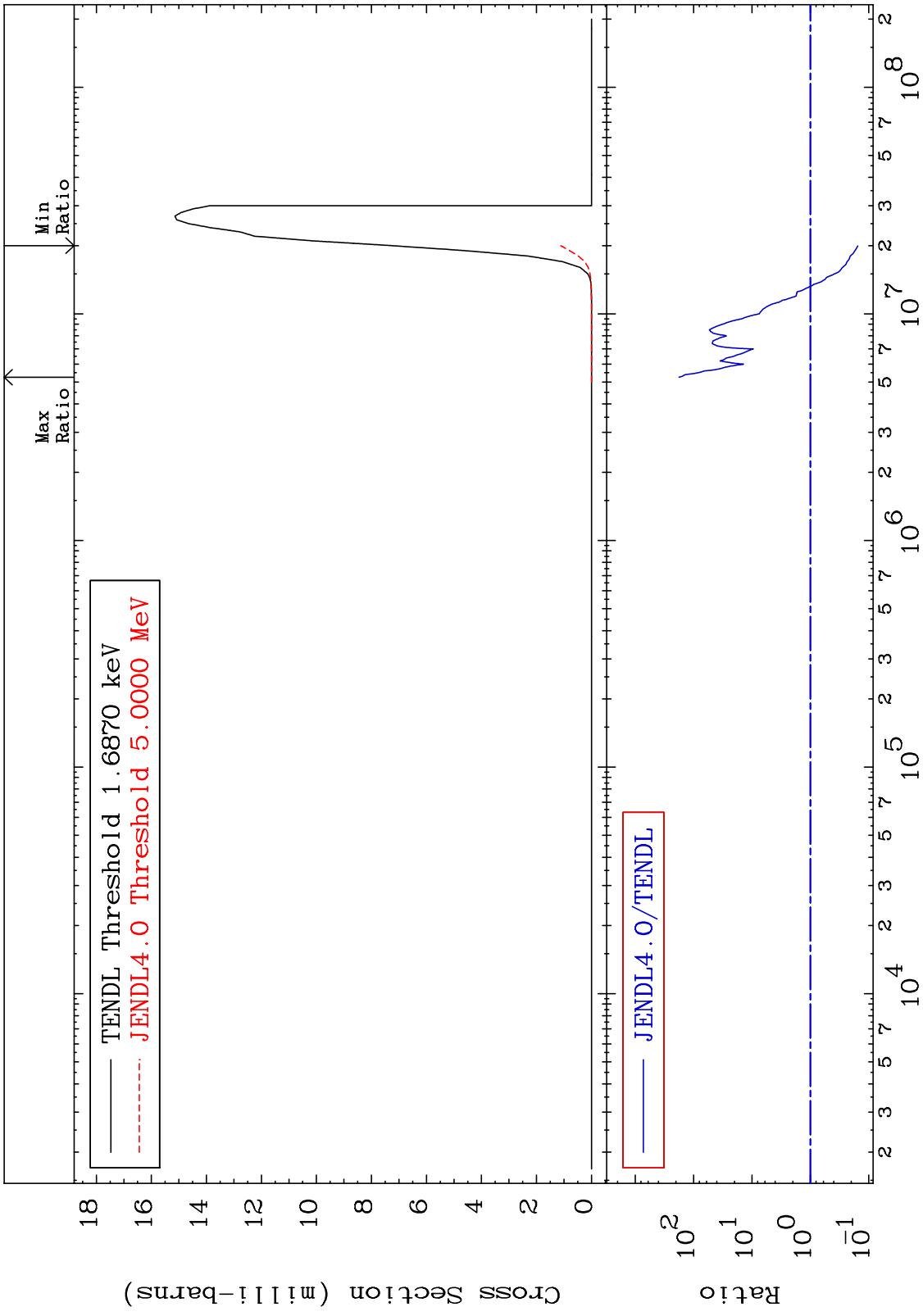
3 Incident Energy (eV) 68-Er-167

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

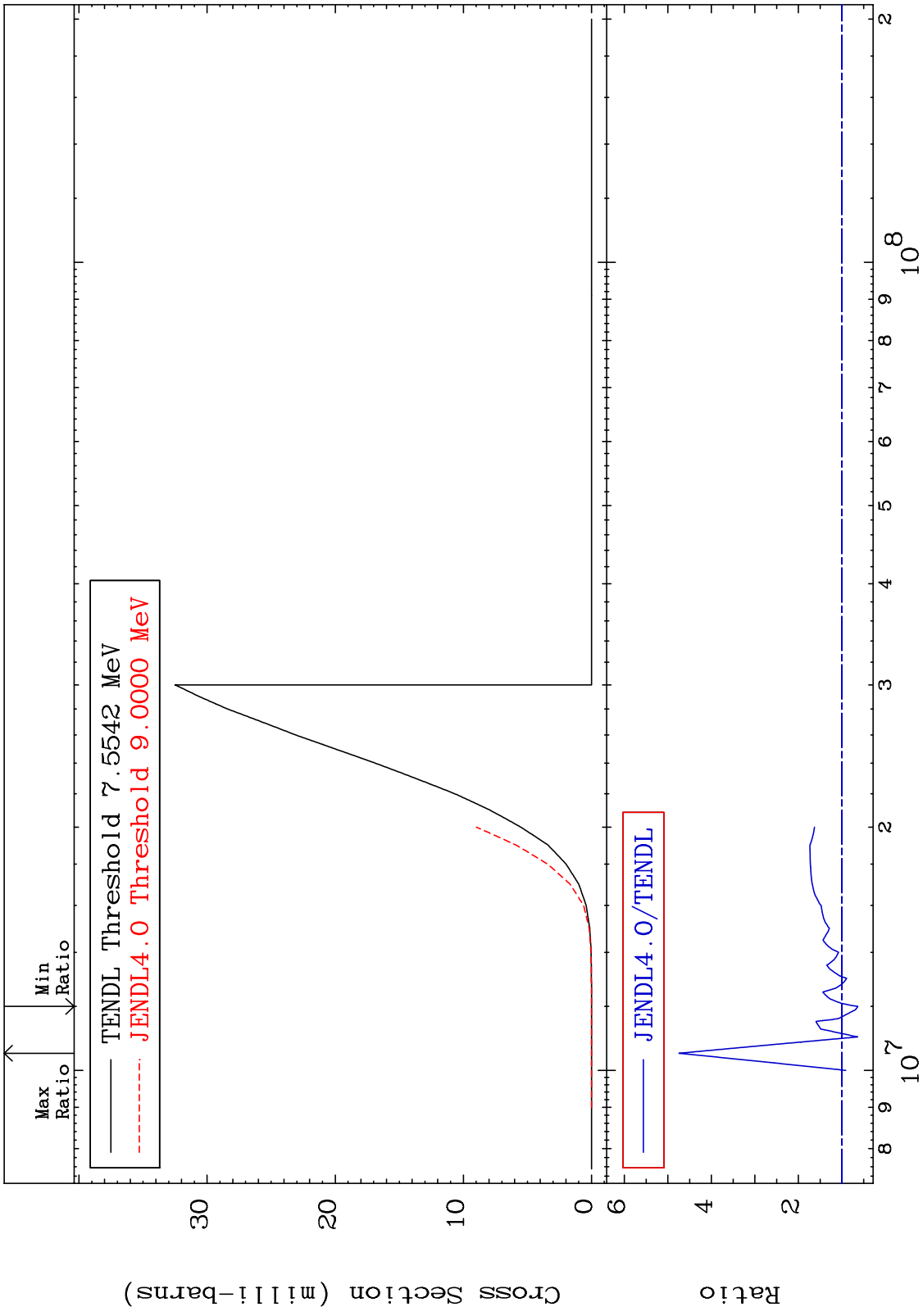




MAT 6840  $(n, n') \alpha$  Cross Section 68-Er-167  
 -84.58 To 9999. %



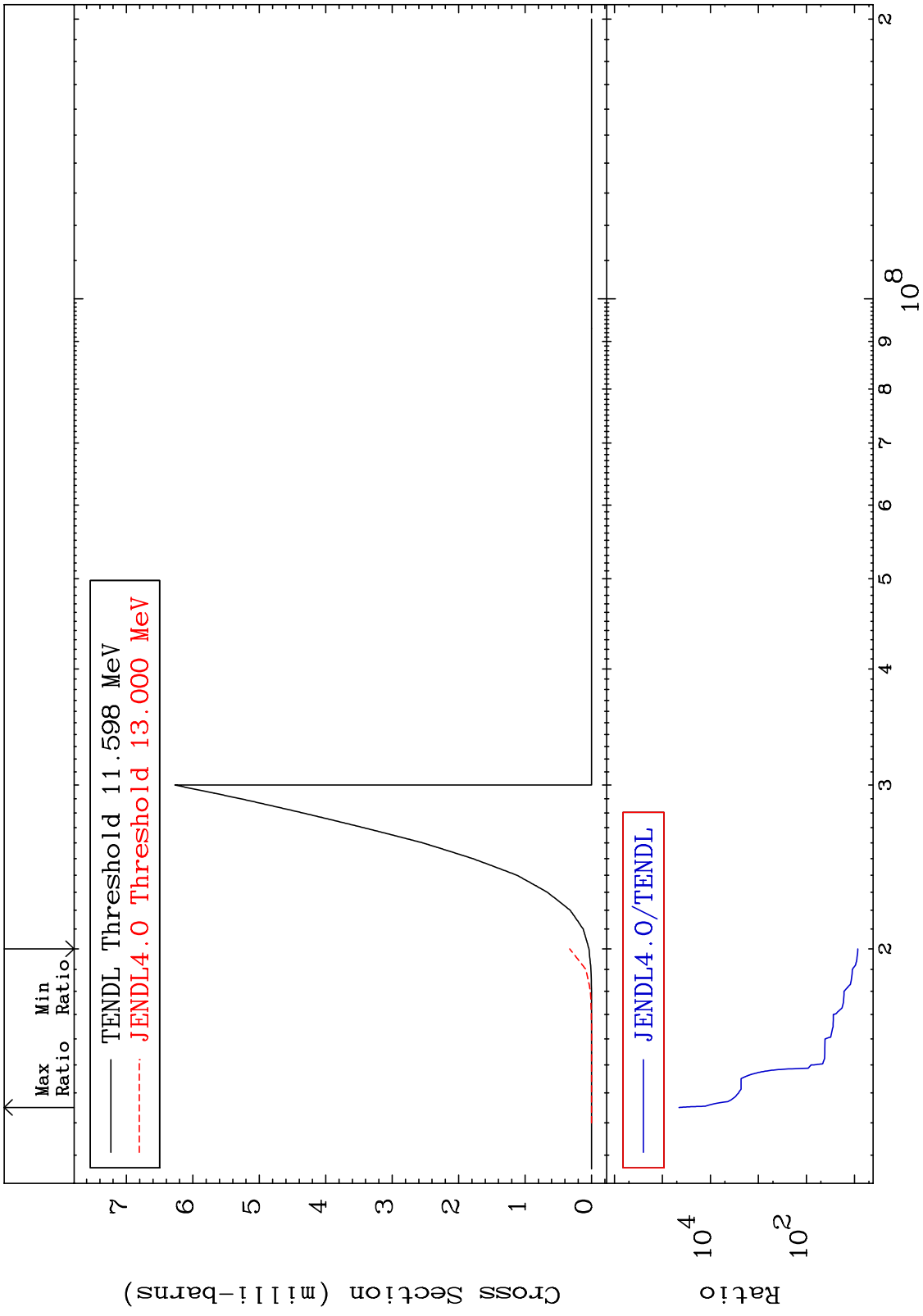
MAT 6840 (n,n') p 68-Er-167  
 Cross Section -36.63 To 374.4 %



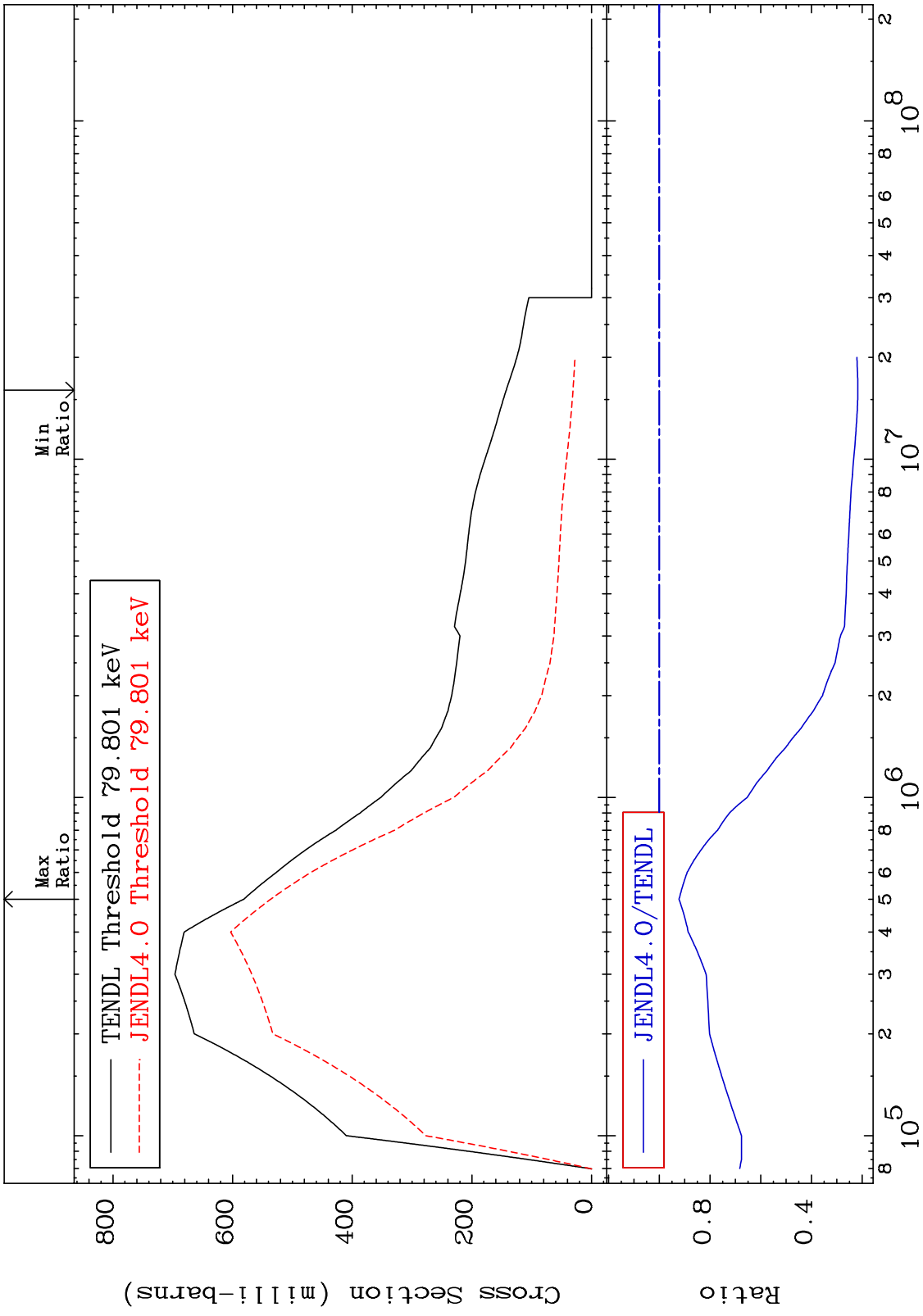
7 Incident Energy (eV) 68-Er-167



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

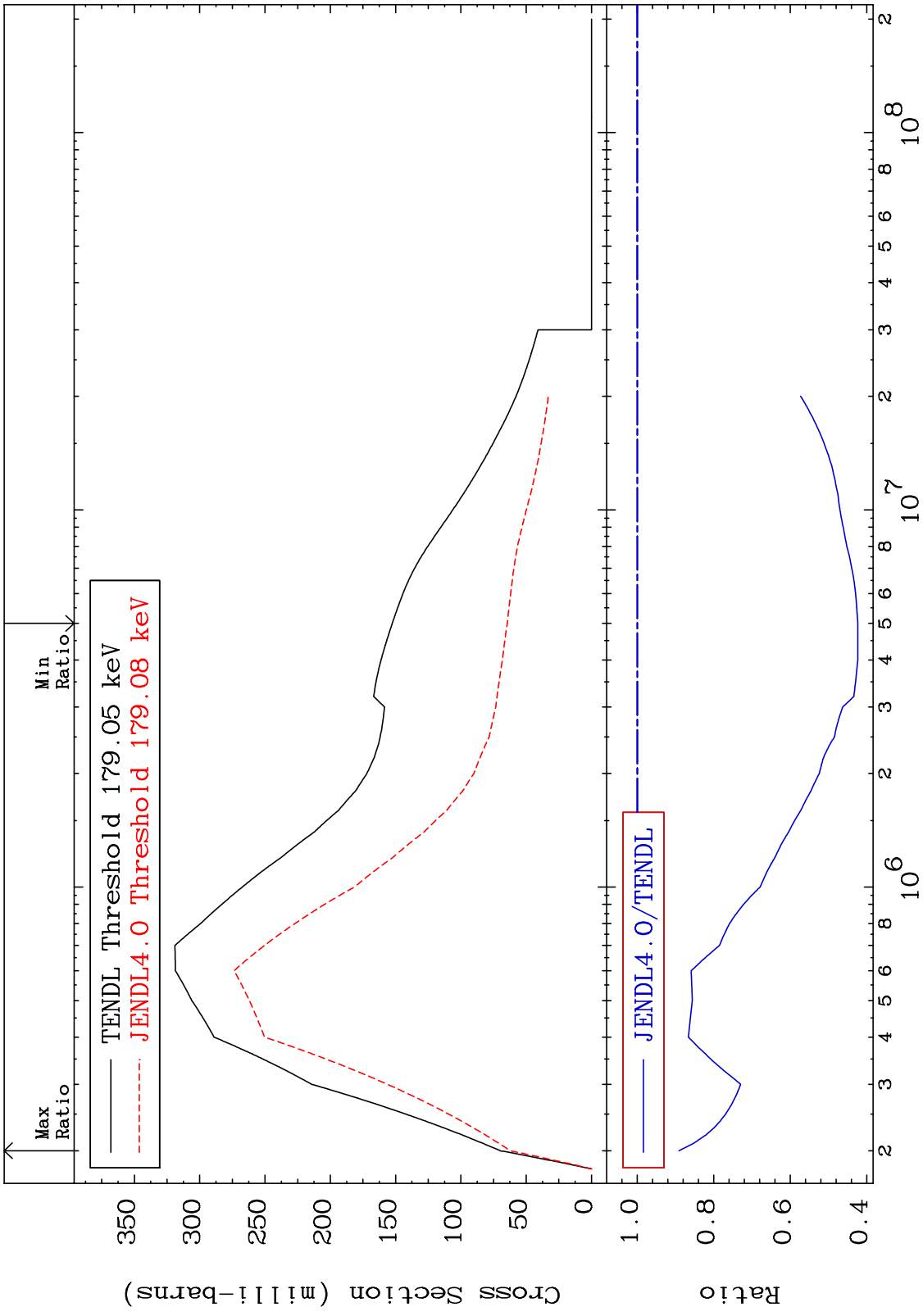


MAT 6840 MT= 51 (n,n') Level Cross Section 68-Er-167 -78.26 To -7.774%



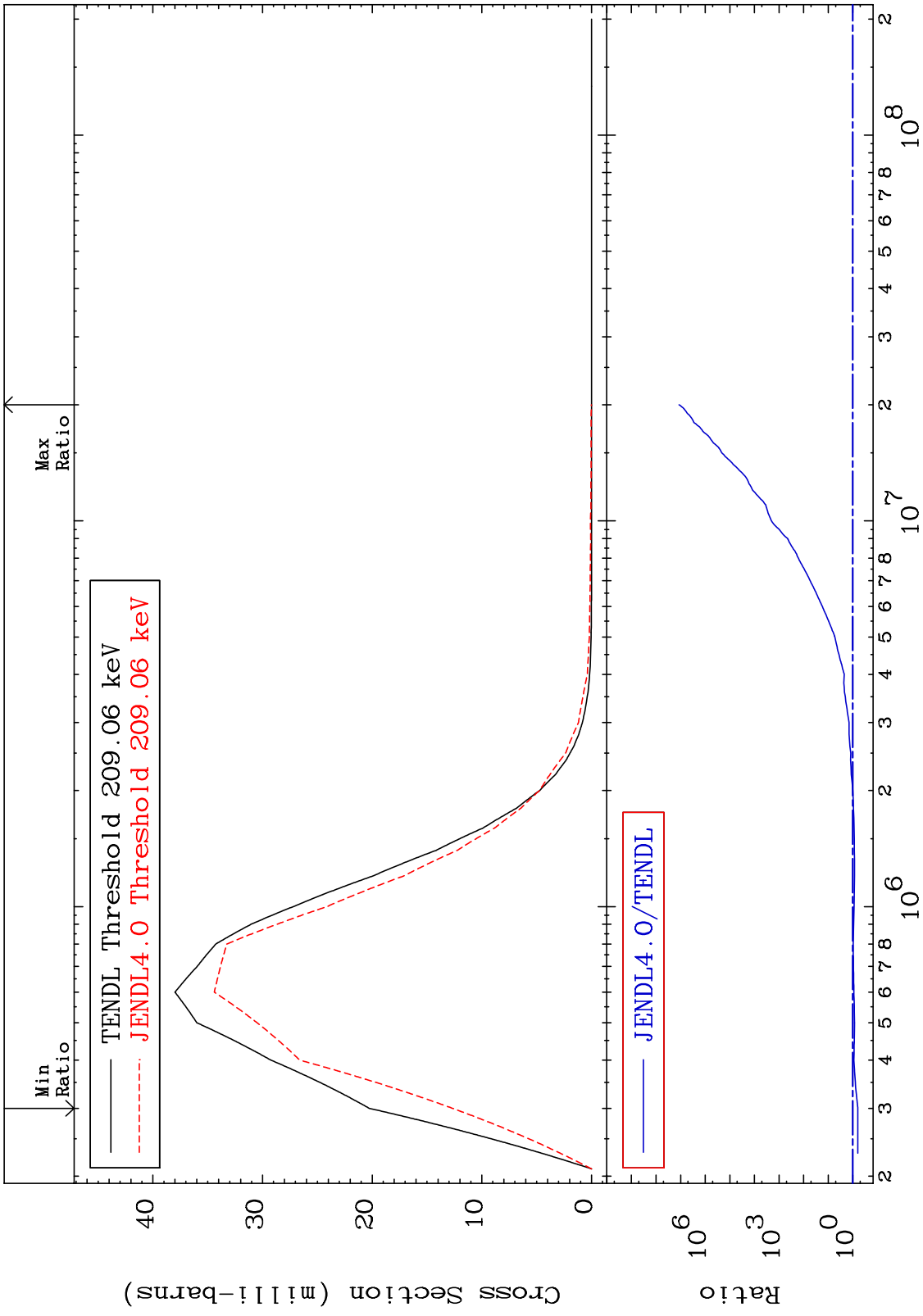
9 Incident Energy (eV) 68-Er-167

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

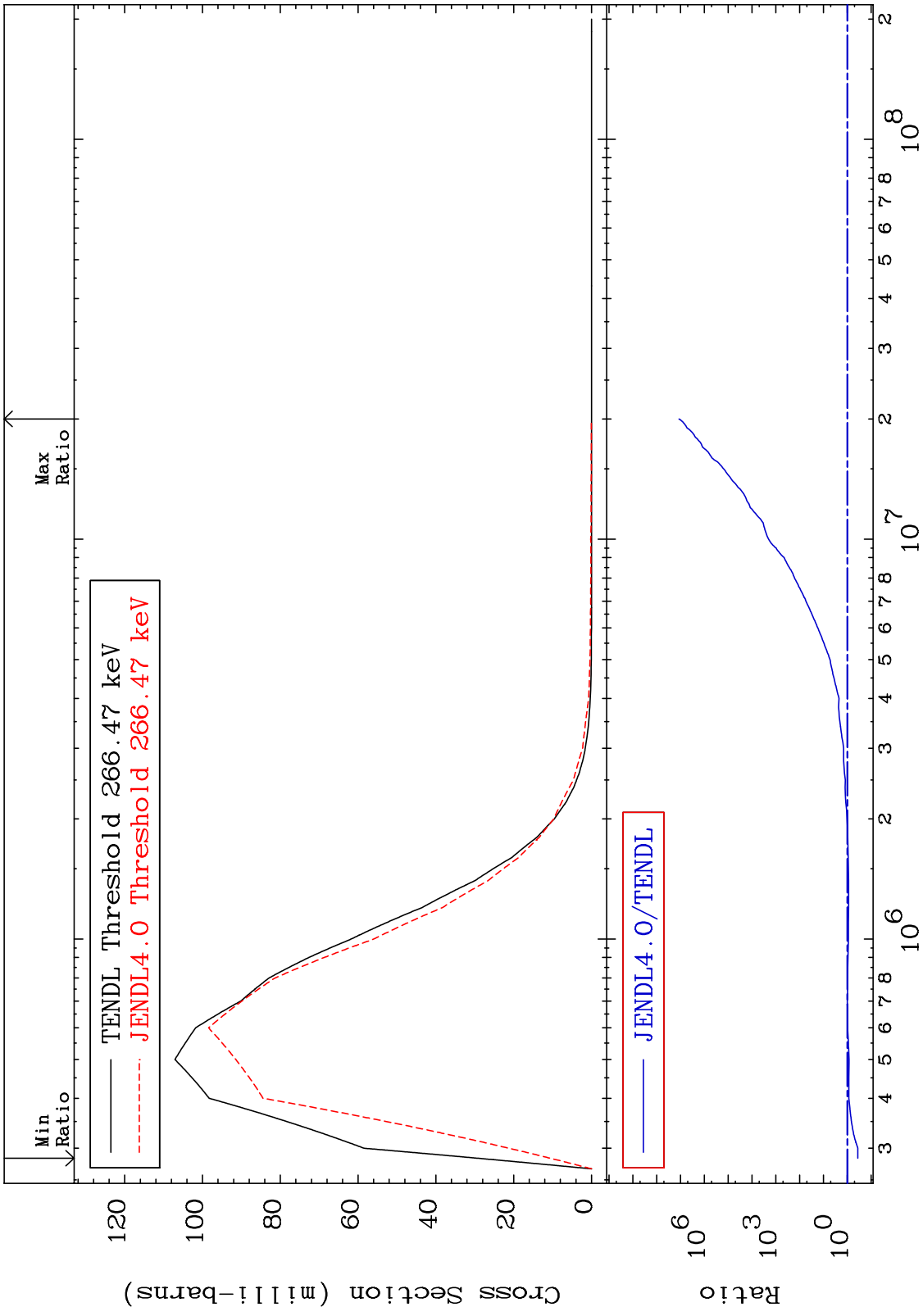


10 68-Er-167

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

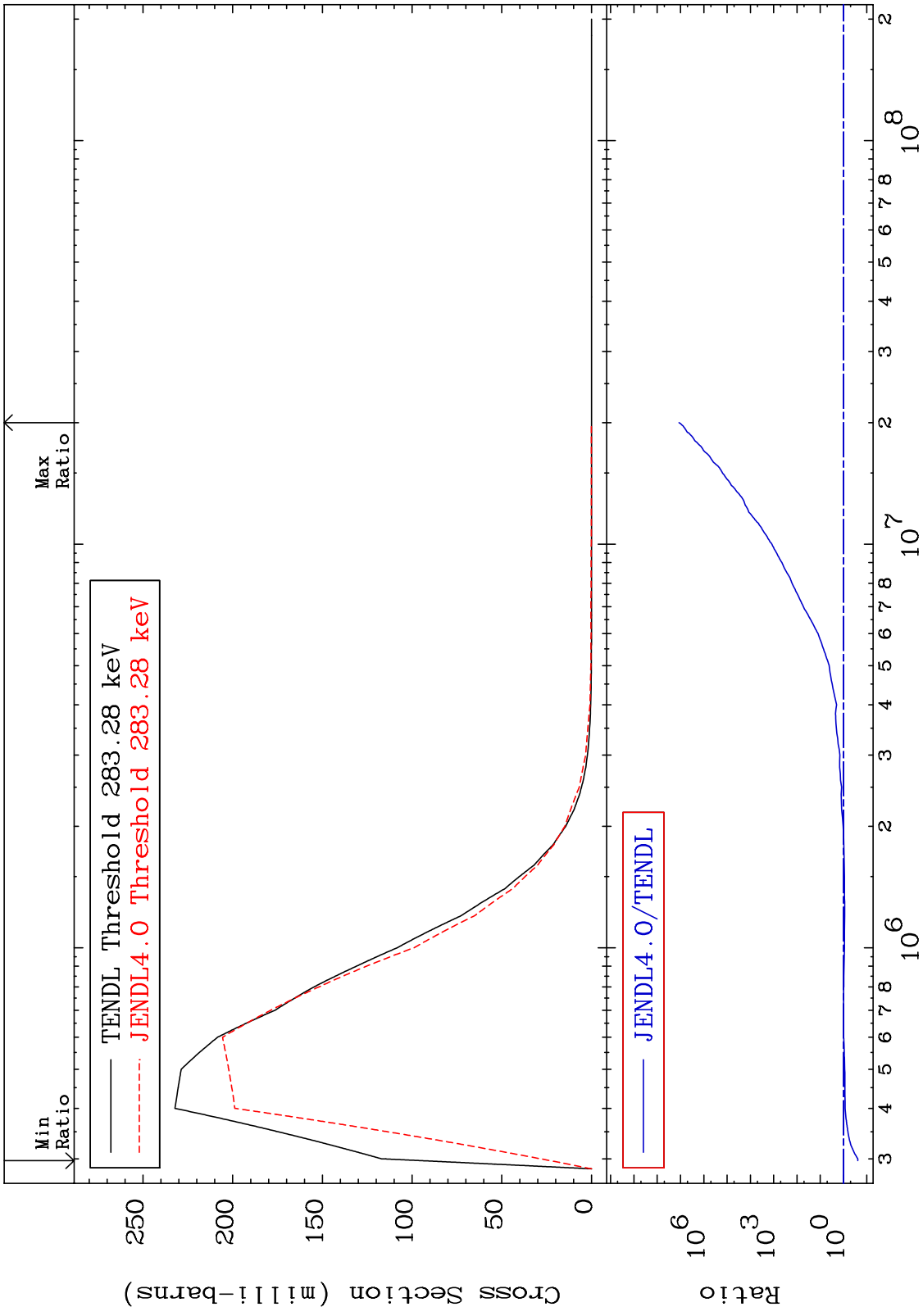


MAT 6840 MT= 54 (n,n') Level Cross Section 68-Er-167 -63.79 To 9999. %

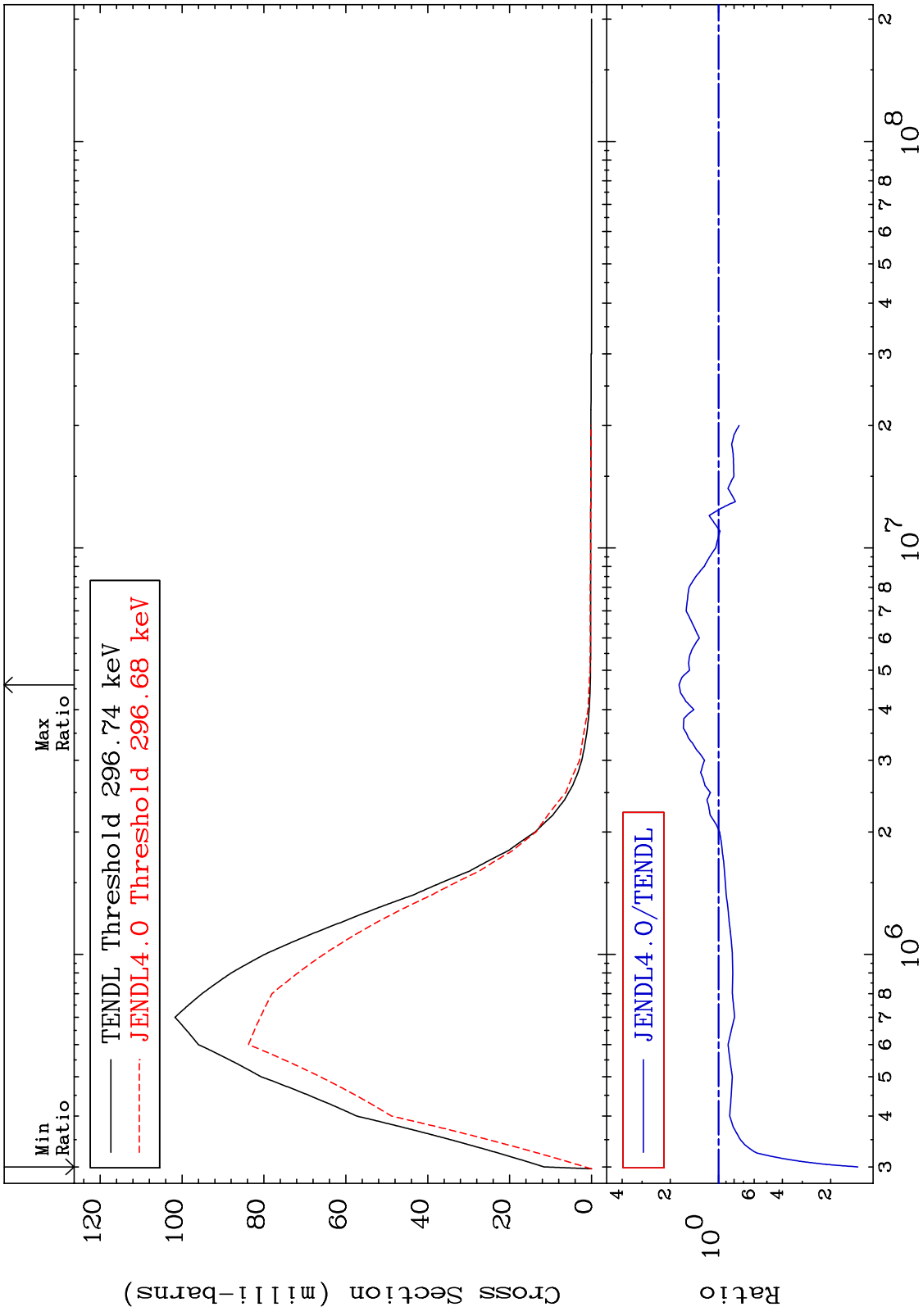


12 68-Er-167

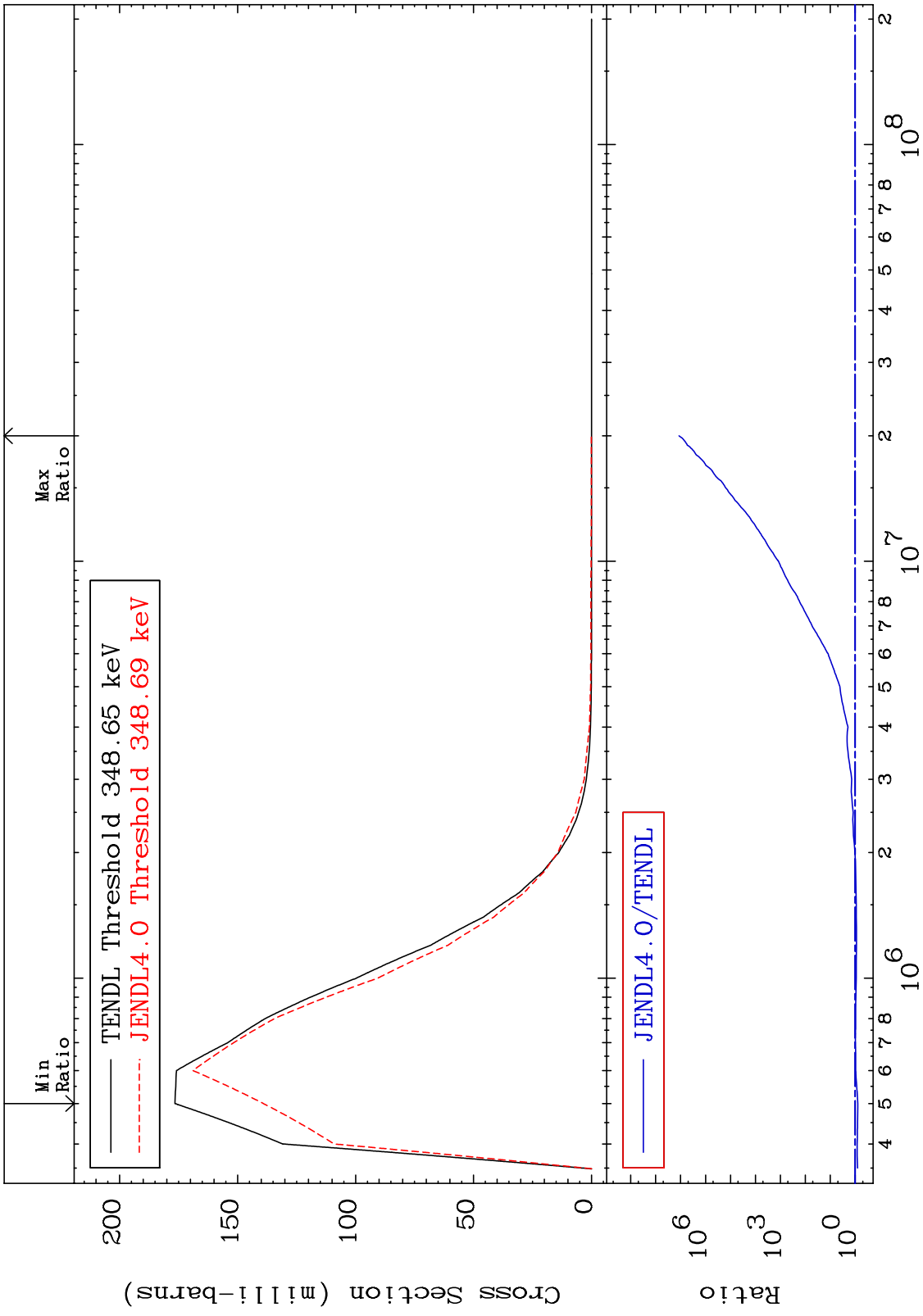
MAT 6840 MT= 55 (n,n') Level Cross Section 68-Er-167 -75.71 To 9999. %



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

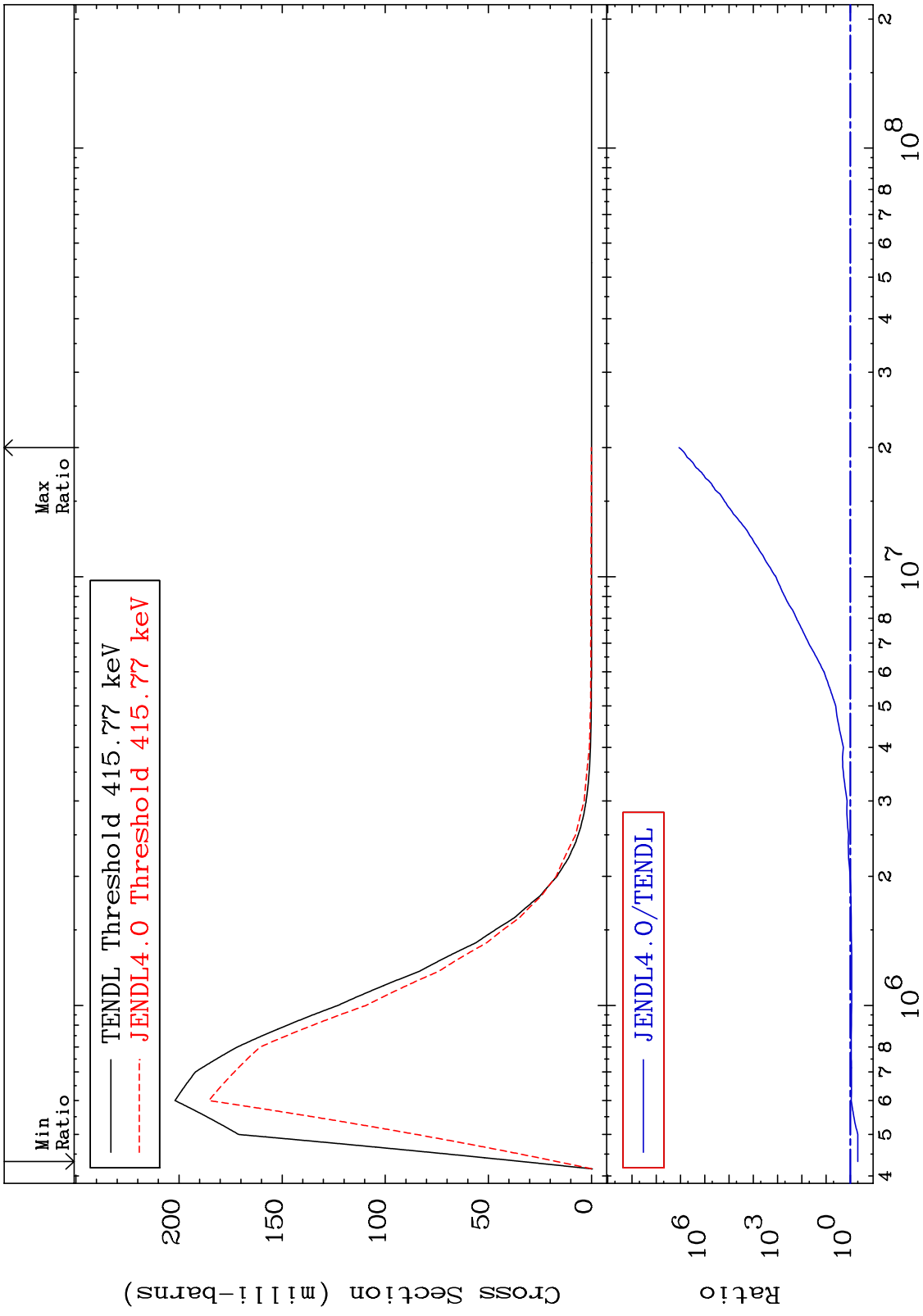


MAT 6840 MT= 57 (n,n') Level Cross Section 68-Er-167  
 -21.25 To 9999. %

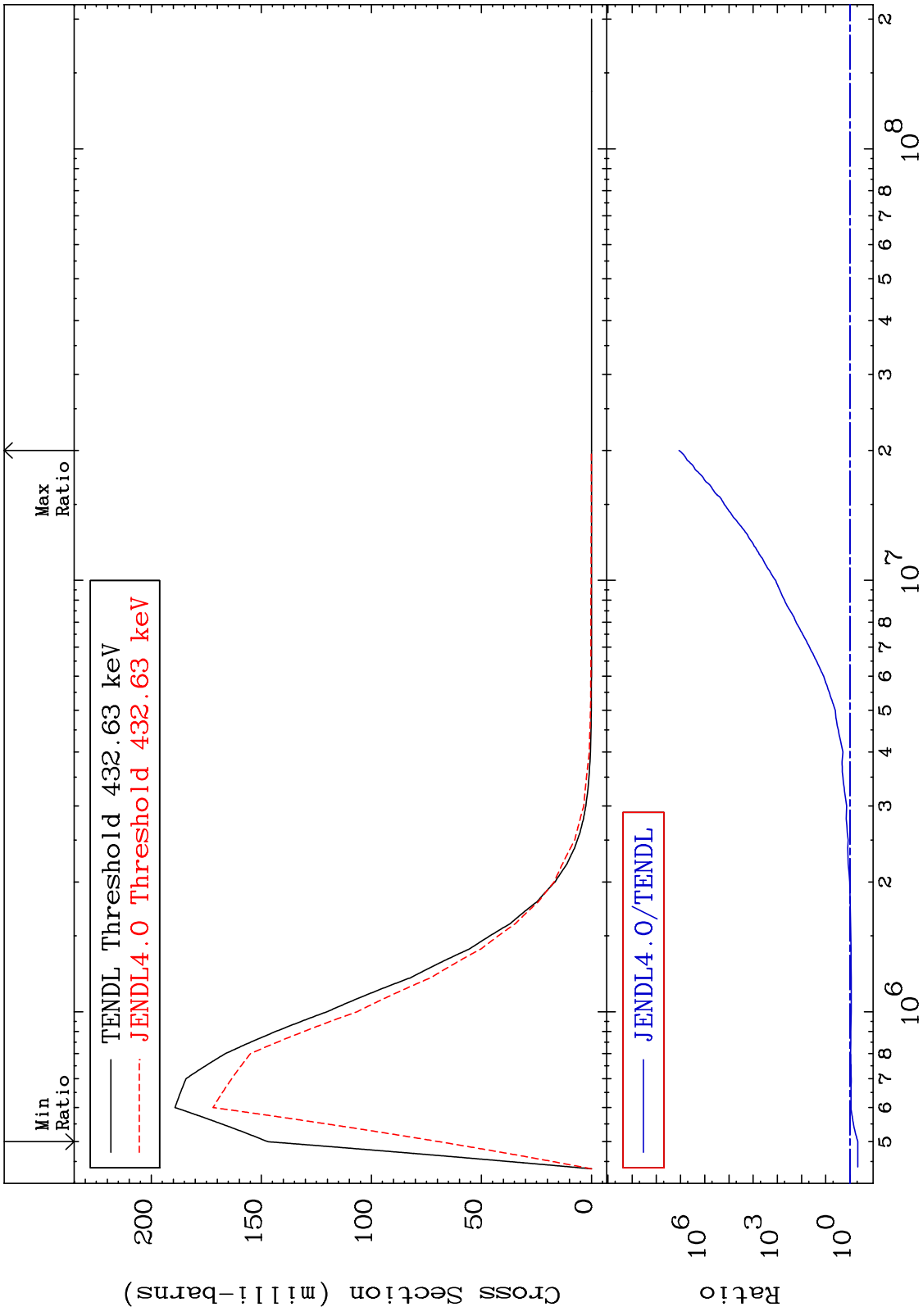




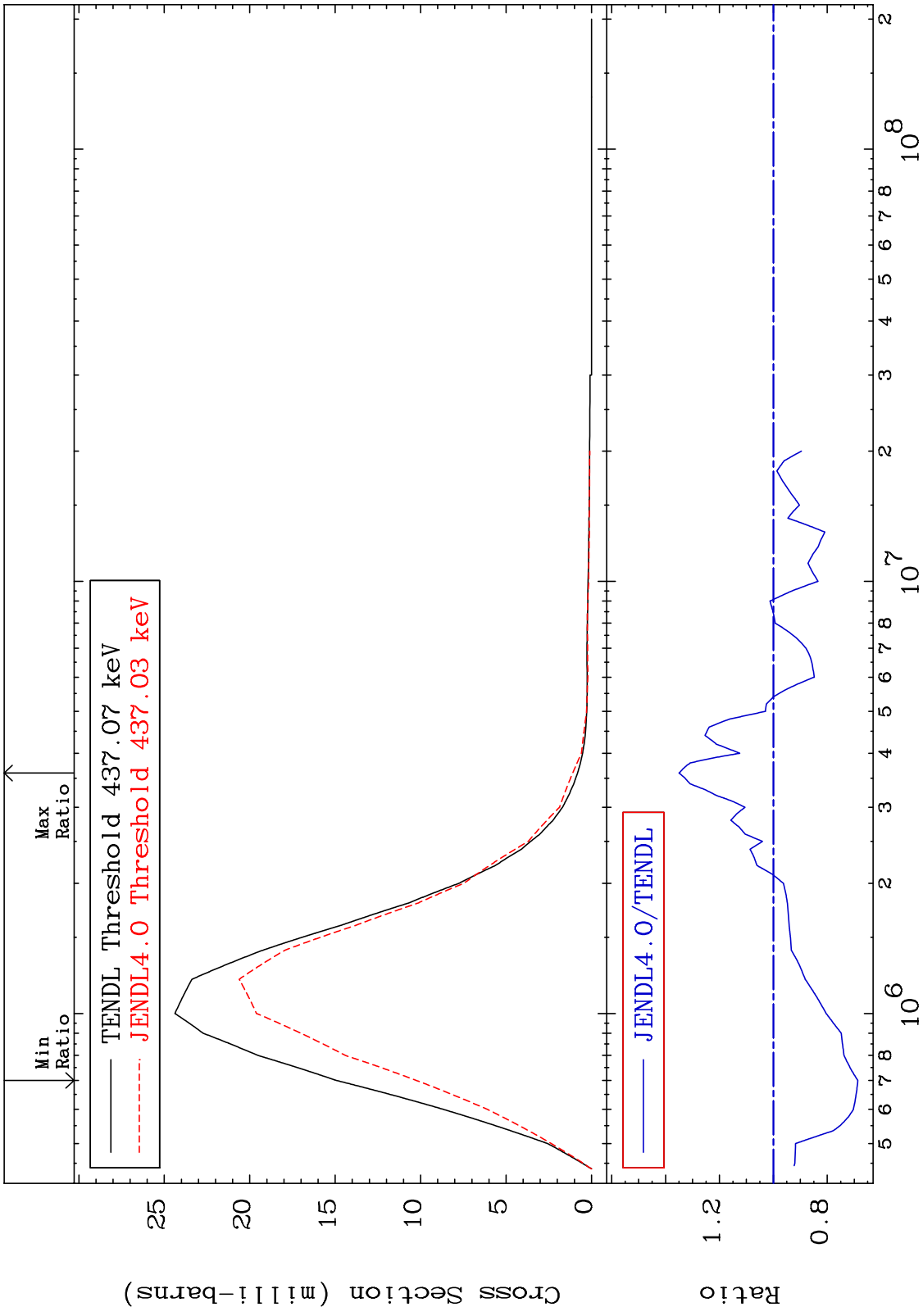
MAT 6840 MT= 58 (n,n') Level Cross Section 68-Er-167  
 -50.49 To 9999. %



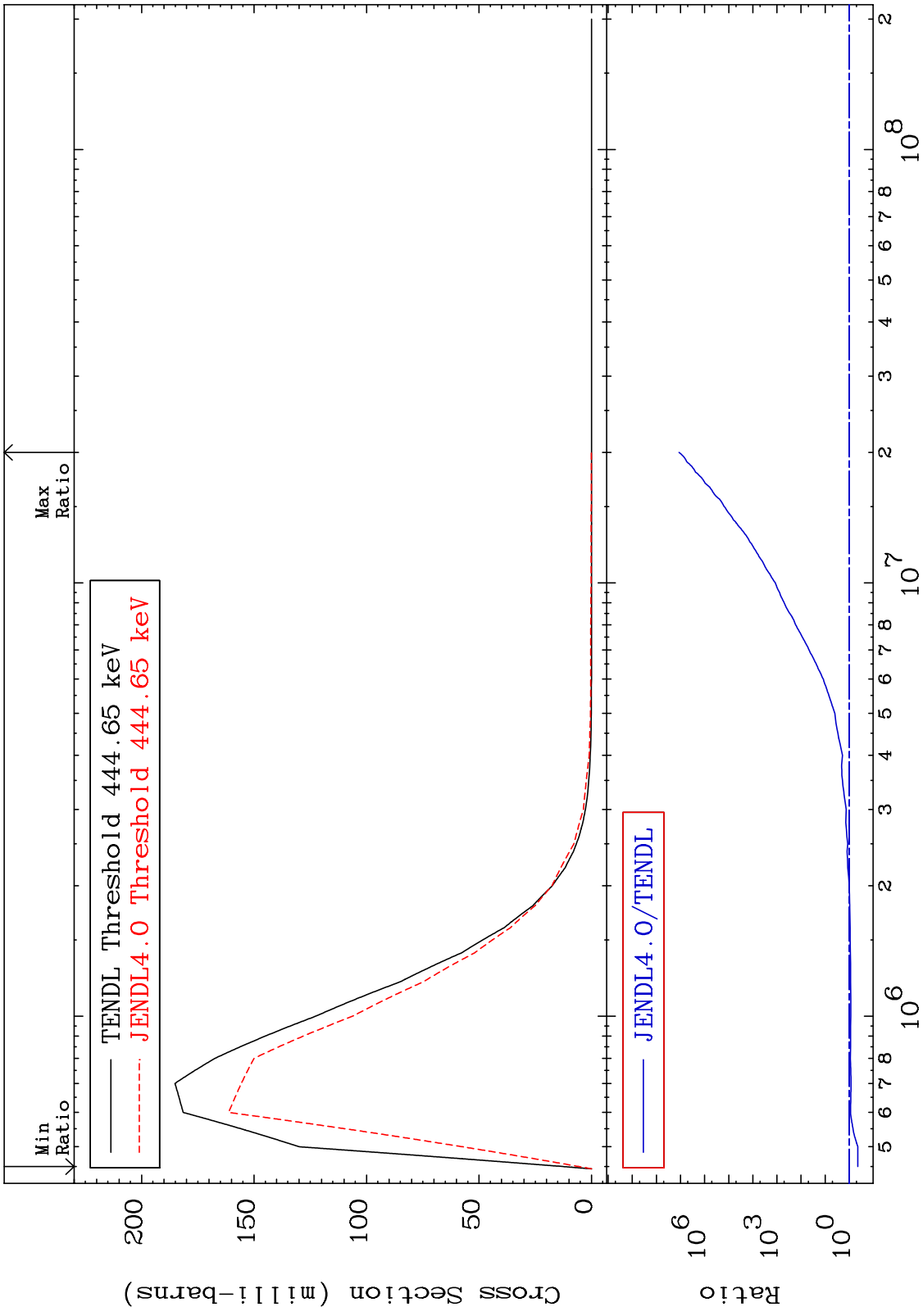
MAT 6840 MT= 59 (n,n') Level Cross Section 68-Er-167 -52.91 To 9999. %



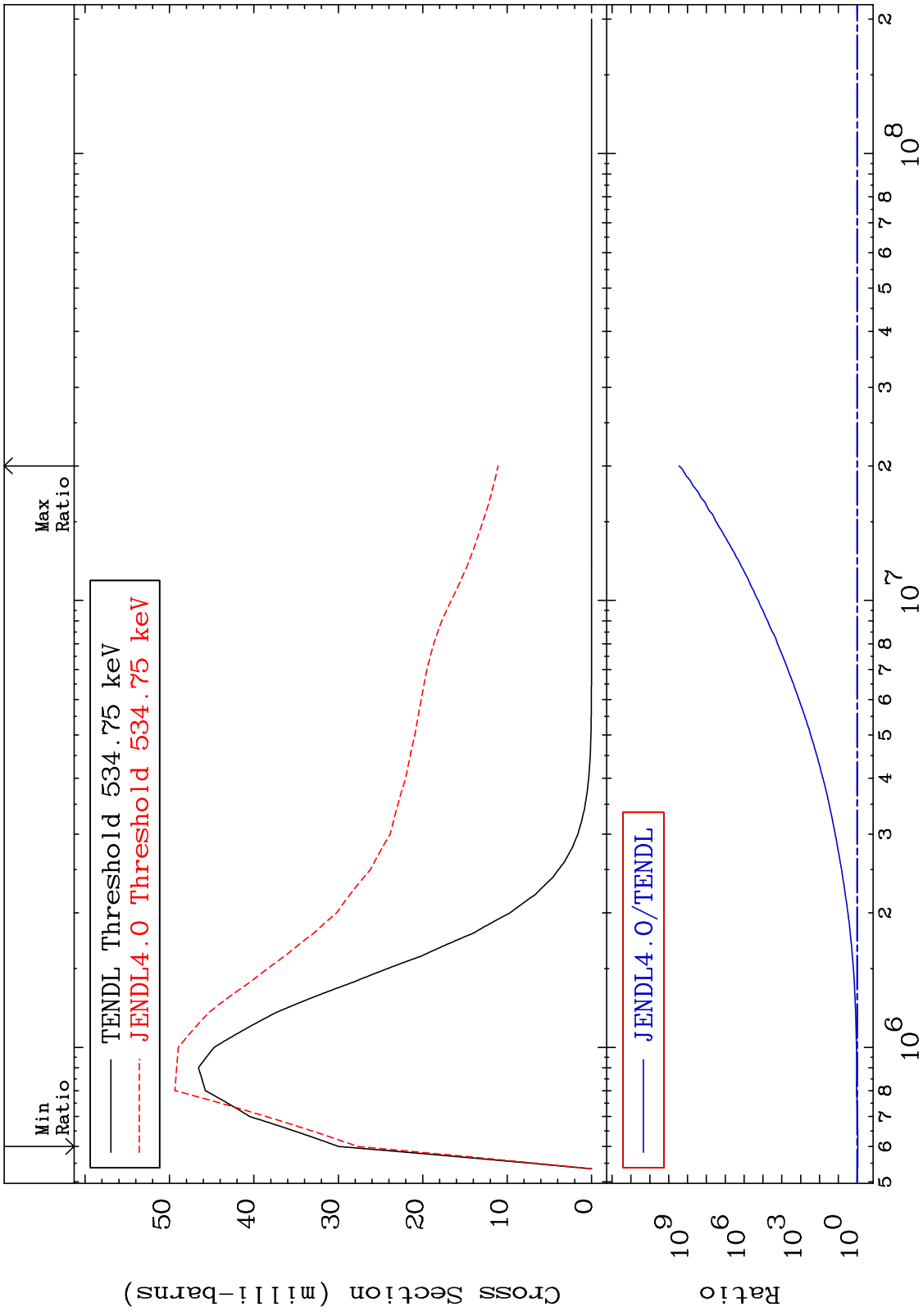
MAT 6840 MT= 60 (n,n') Level Cross Section 68-Er-167  
 -31.35 To 35.00 %



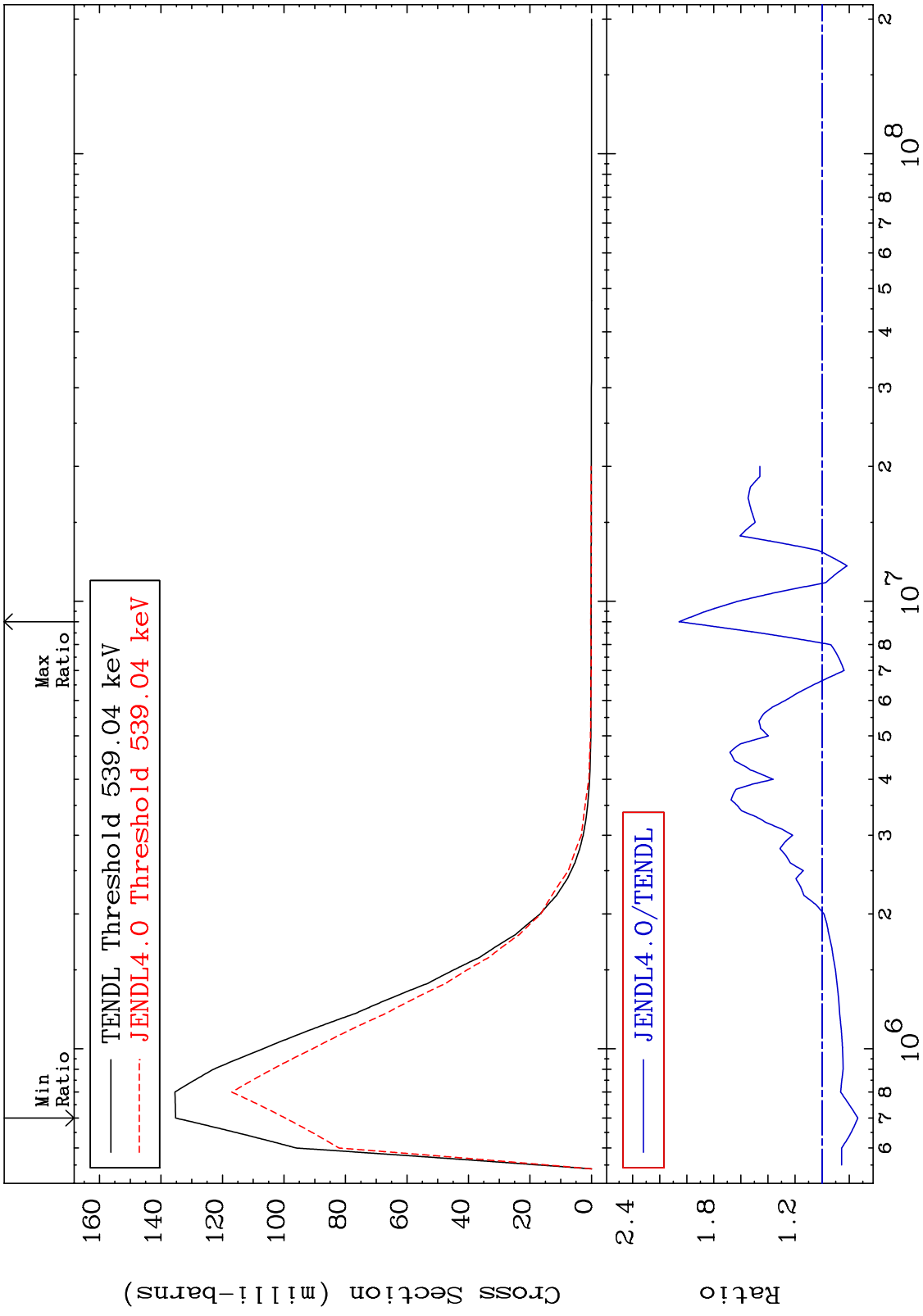
MAT 6840 MT= 61 (n,n') Level Cross Section 68-Er-167 -55.96 To 9999. %



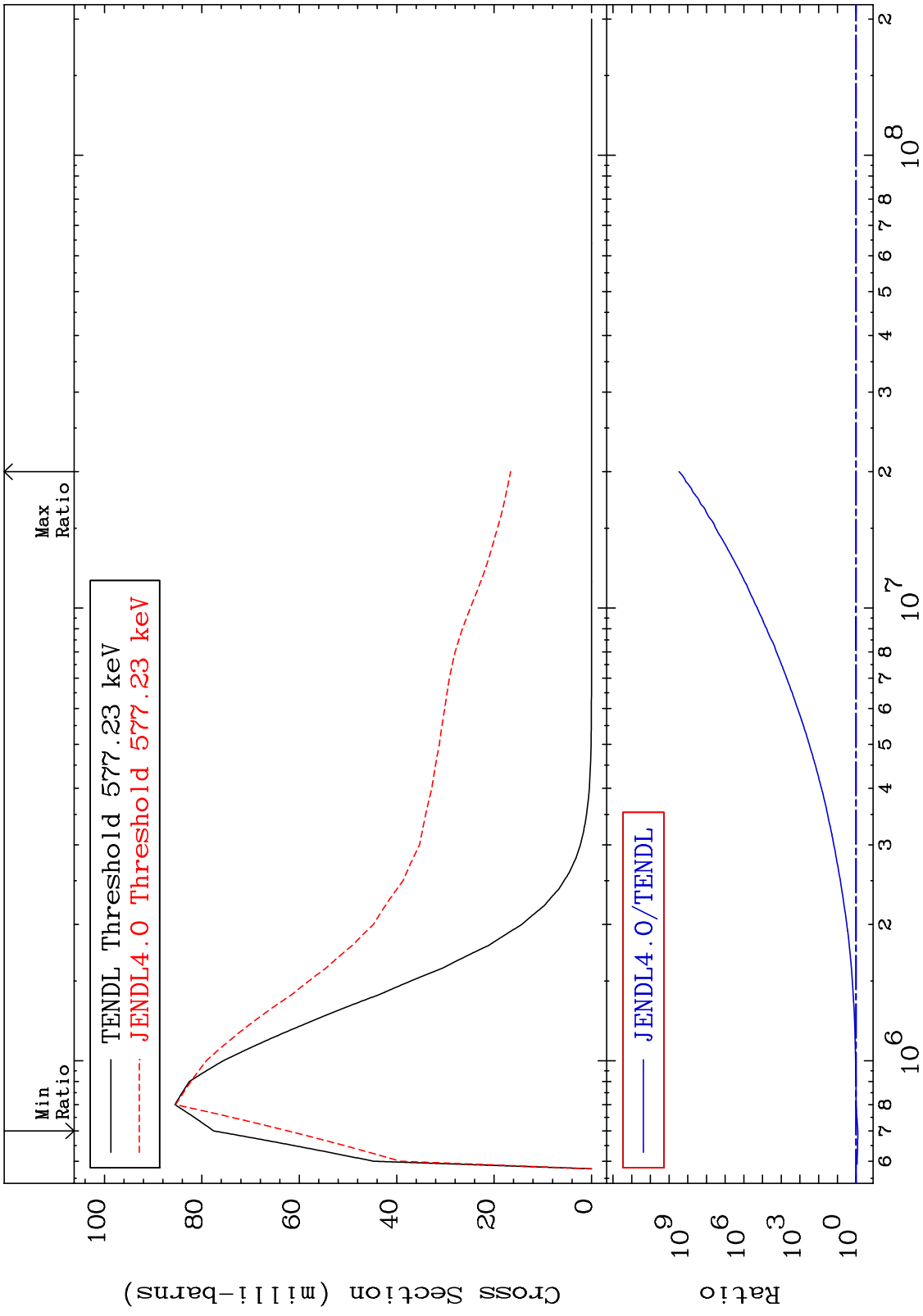
MAT 6840 MT= 62 (n,n') Level Cross Section 68-Er-167  
 -7.575 To 9999. %



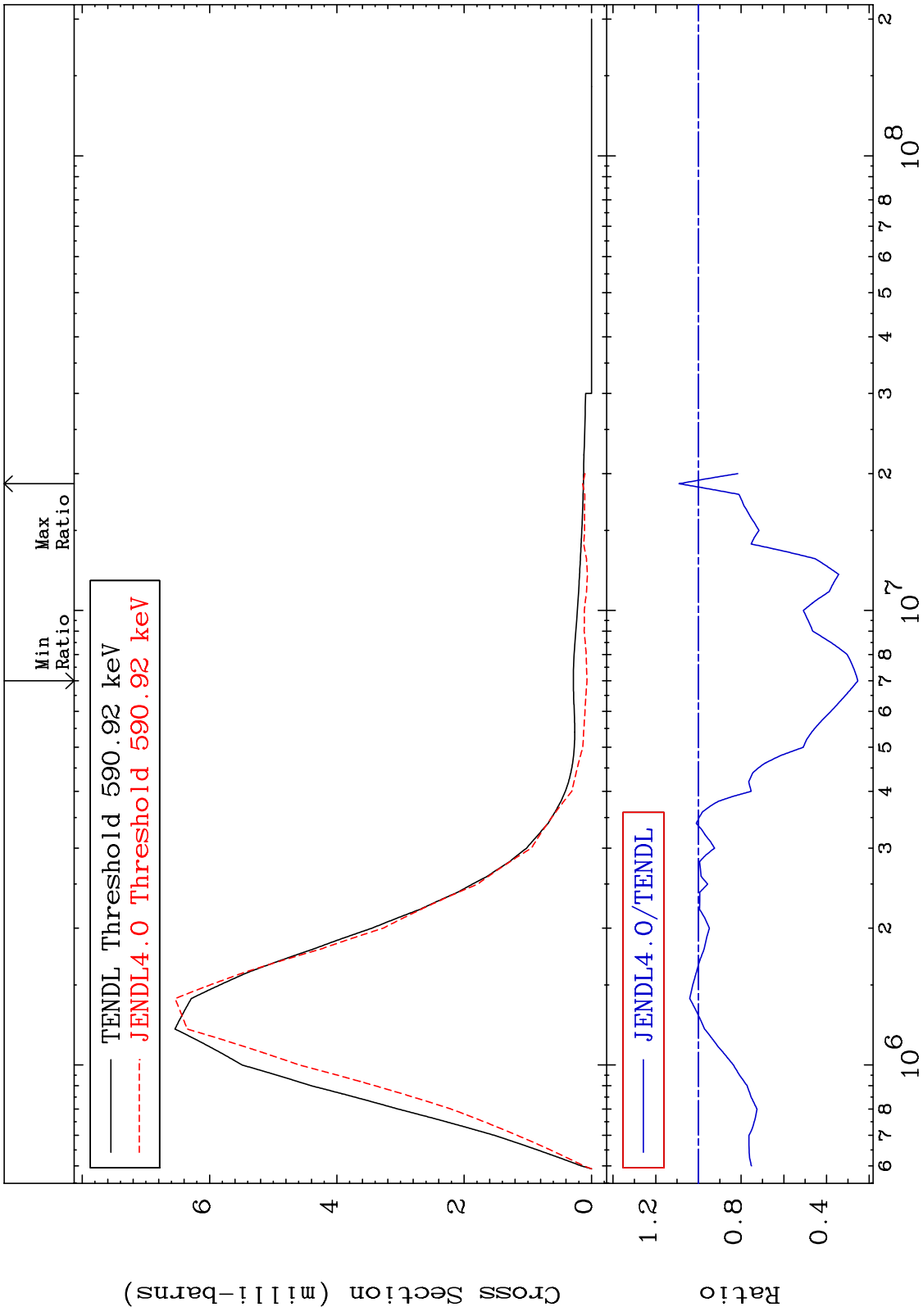
MAT 6840 MT= 63 (n,n') Level Cross Section 68-Er-167  
 -26.38 To 105.7 %



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

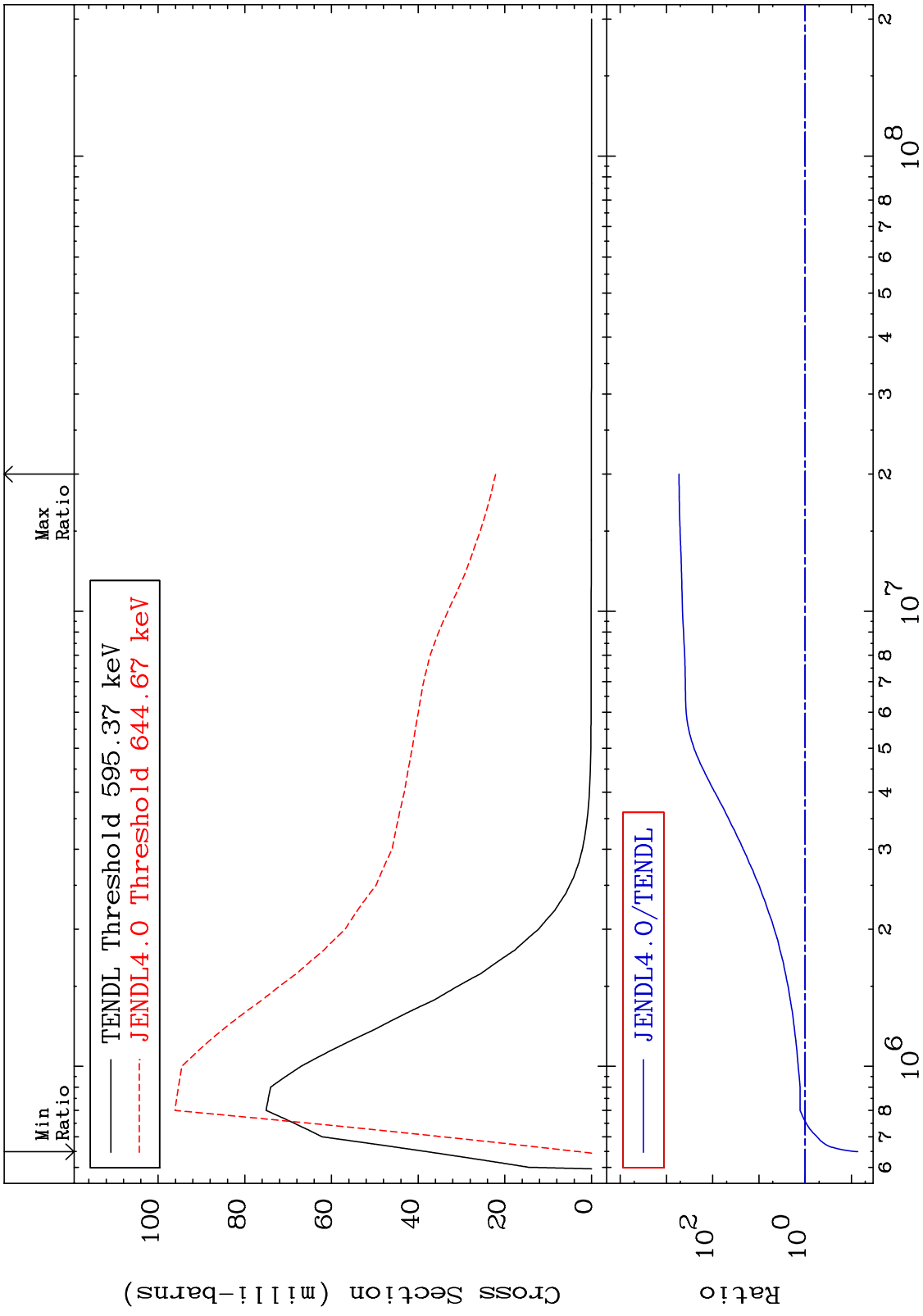


MAT 6840      MT= 65 (n,n') Level Cross Section      68-Er-167  
 -74.65 To 9.077 %

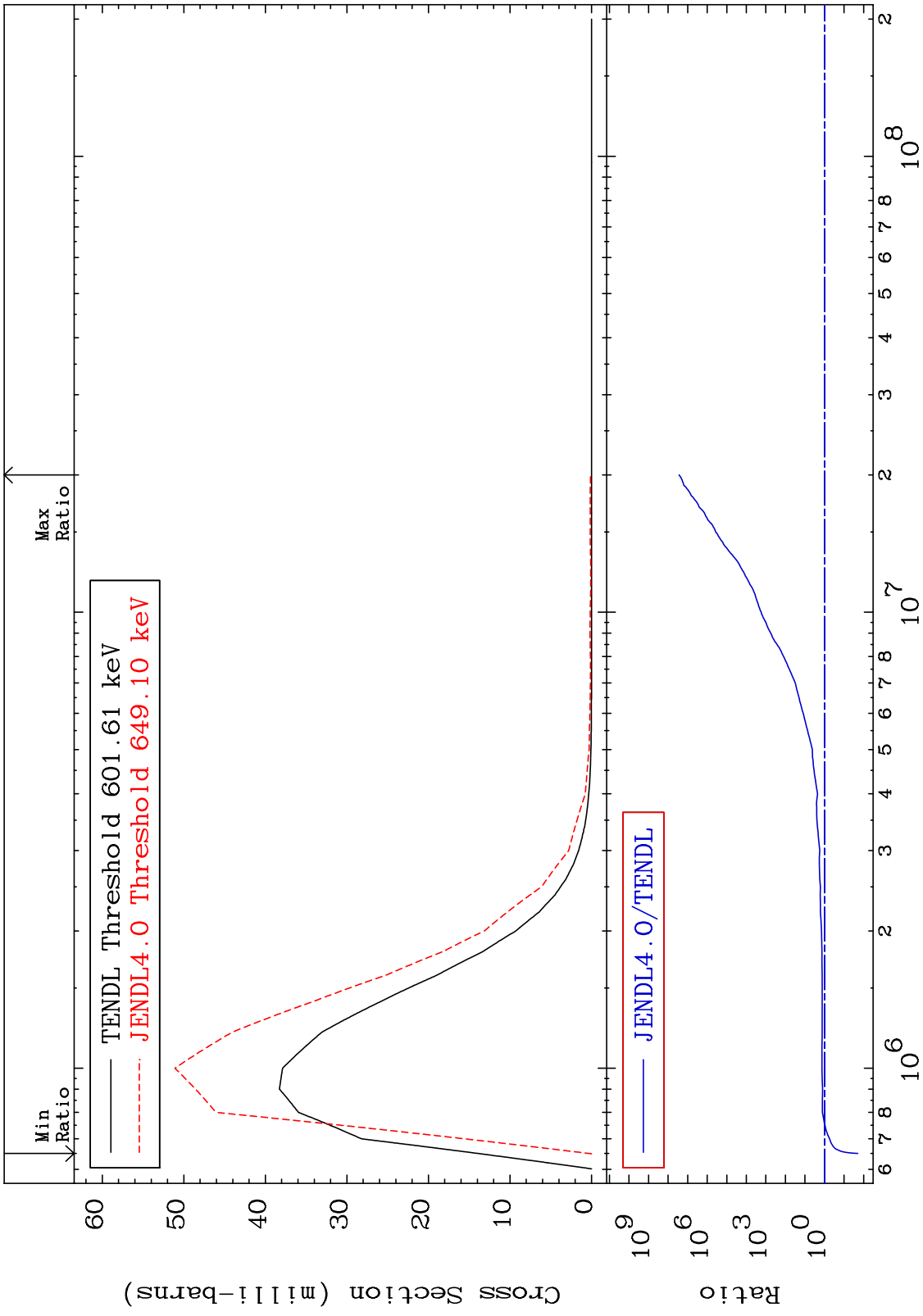




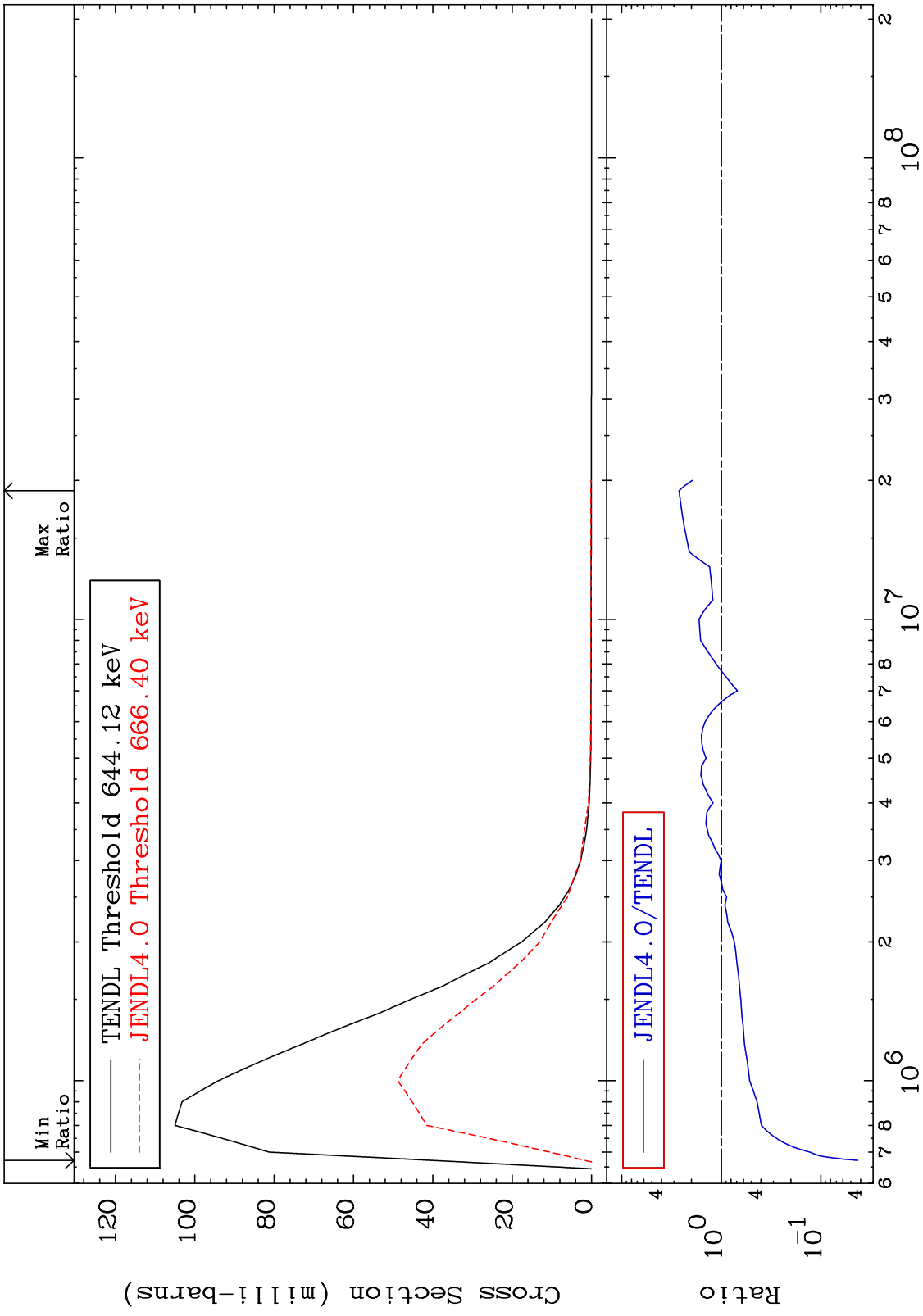
MAT 6840 MT= 66 (n,n') Level Cross Section 68-Er-167  
 -92.76 To 9999. %



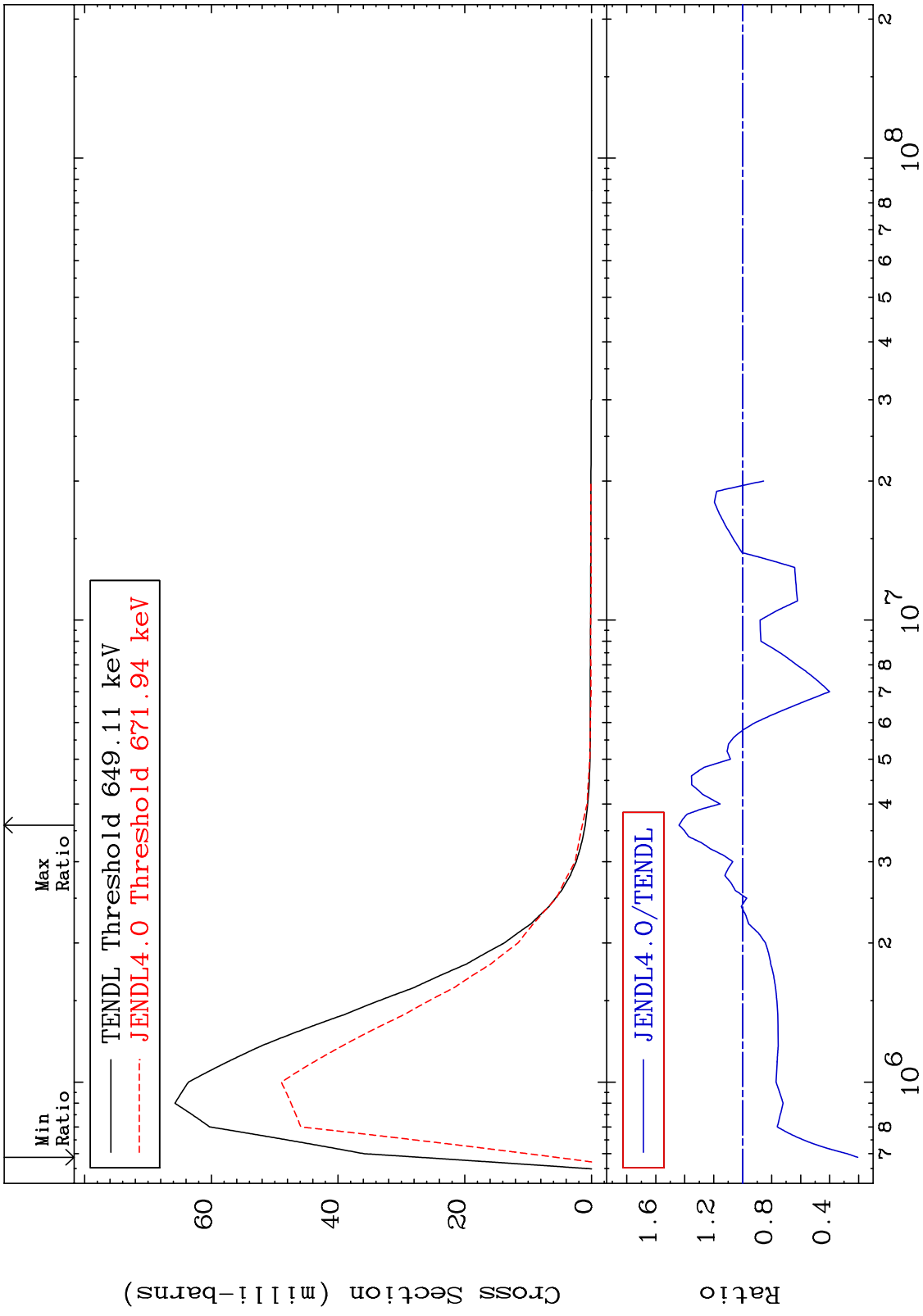
MAT 6840 MT= 67 (n,n') Level Cross Section 68-Er-167 -98.02 To 9999. %



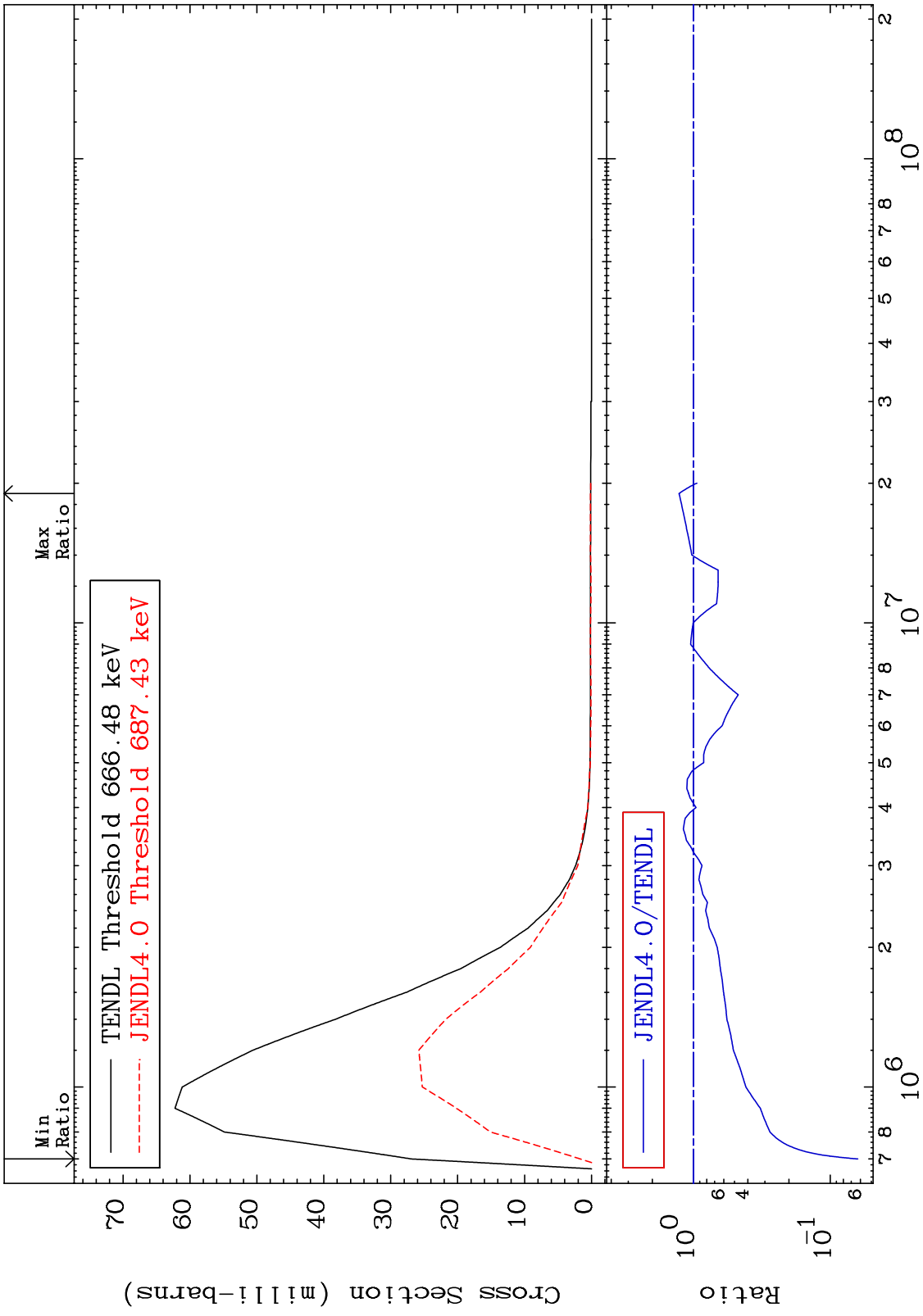
MAT 6840 MT= 68 (n,n') Level Cross Section 68-Er-167  
 -95.74 To 166.0 %



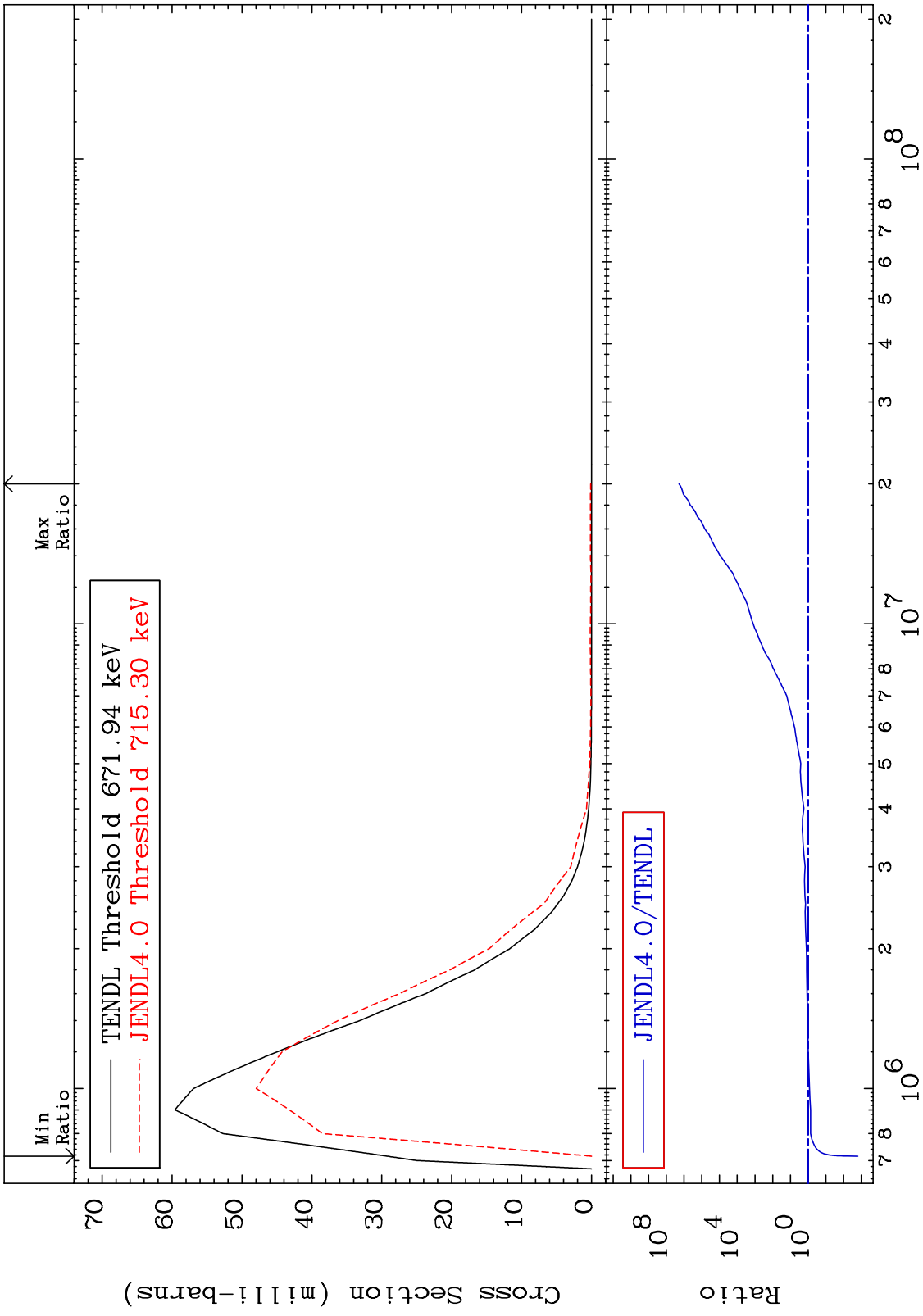
MAT 6840      MT= 69 (n,n') Level      68-Er-167  
 Cross Section      -79.48 To 43.93 %



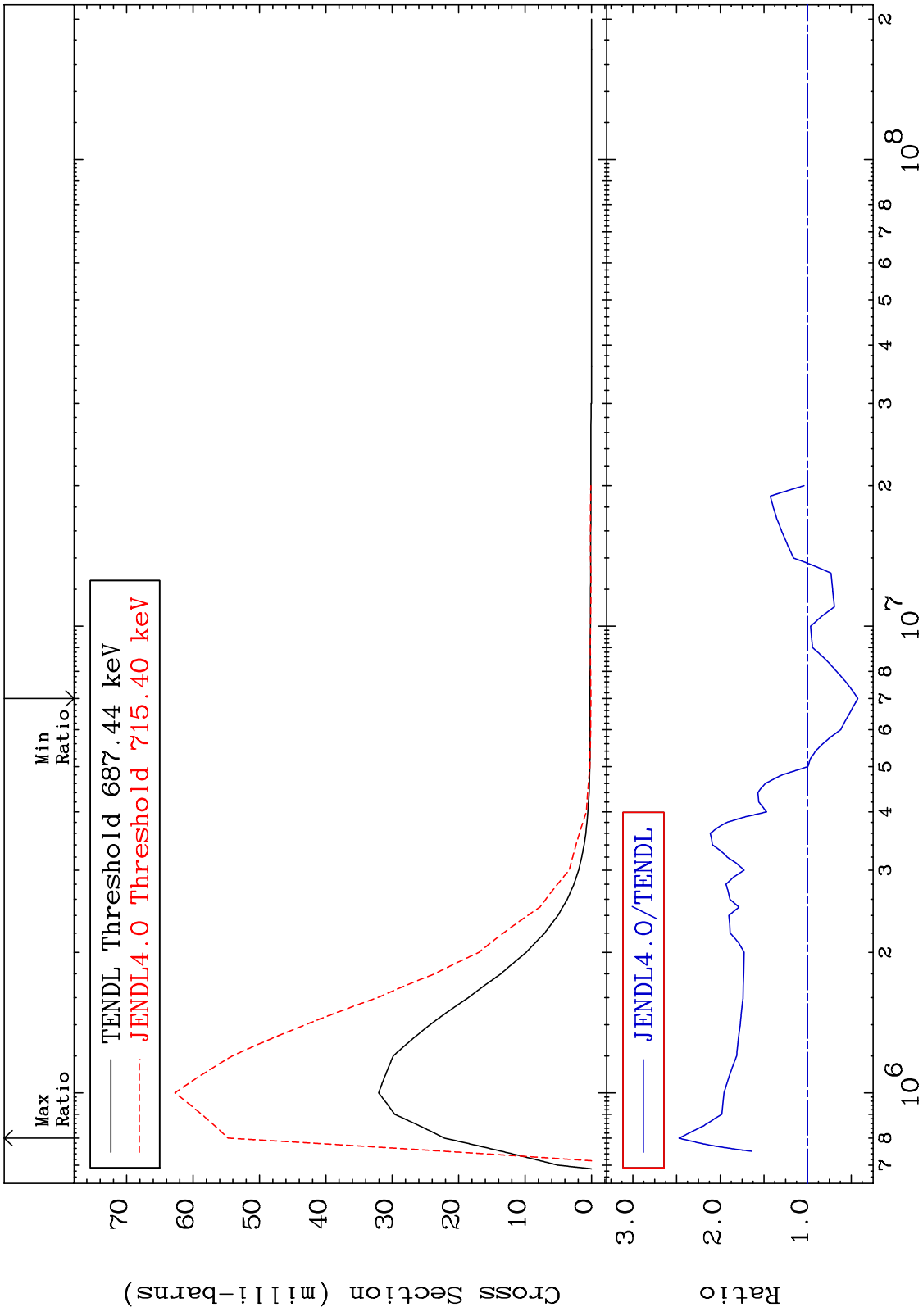
MAT 6840 MT= 70 (n,n') Level Cross Section 68-Er-167  
 -93.73 To 27.42 %



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

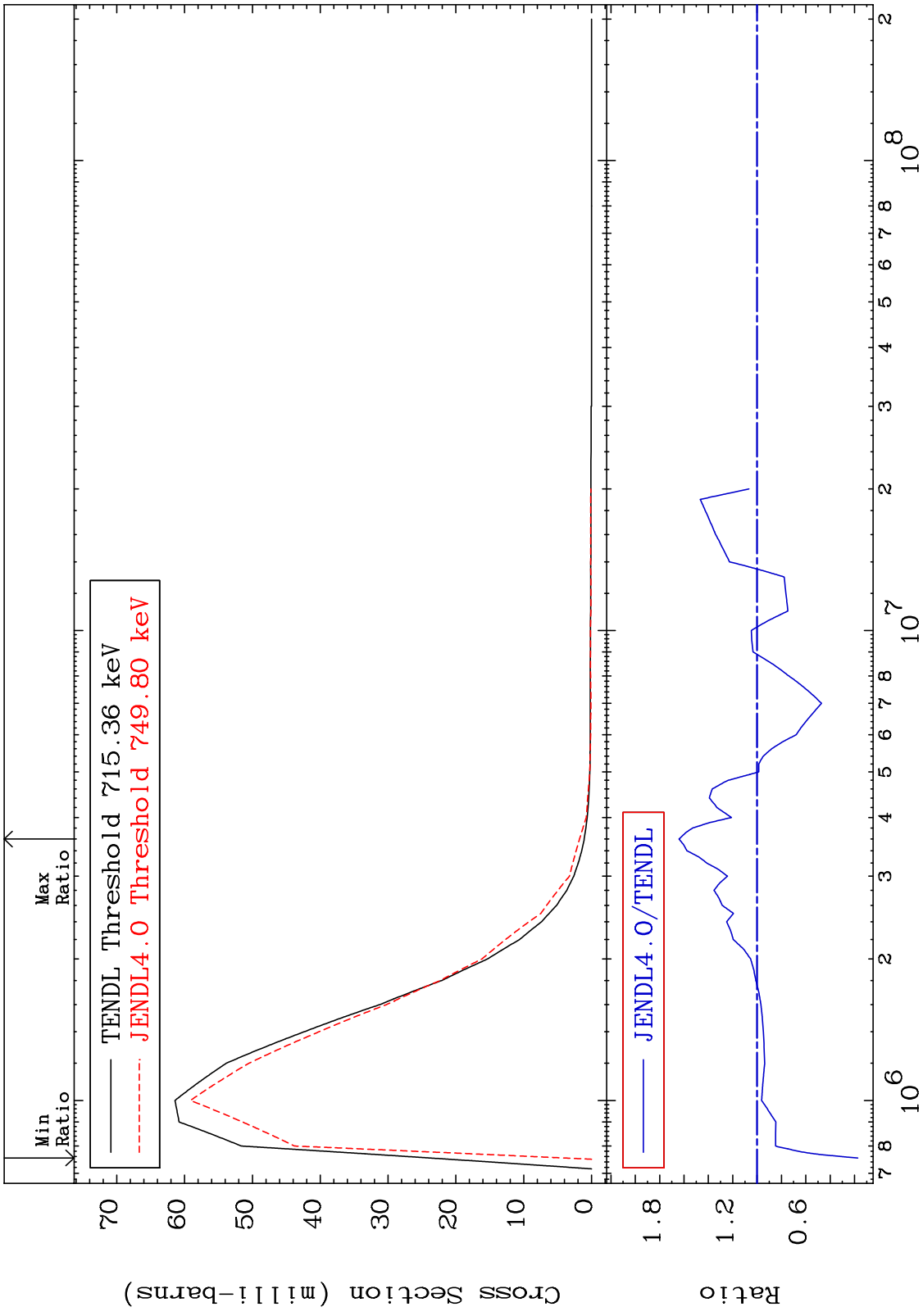


MAT 6840 MT= 72 (n,n') Level Cross Section 68-Er-167  
 -57.56 To 147.2 %



30 68-Er-167

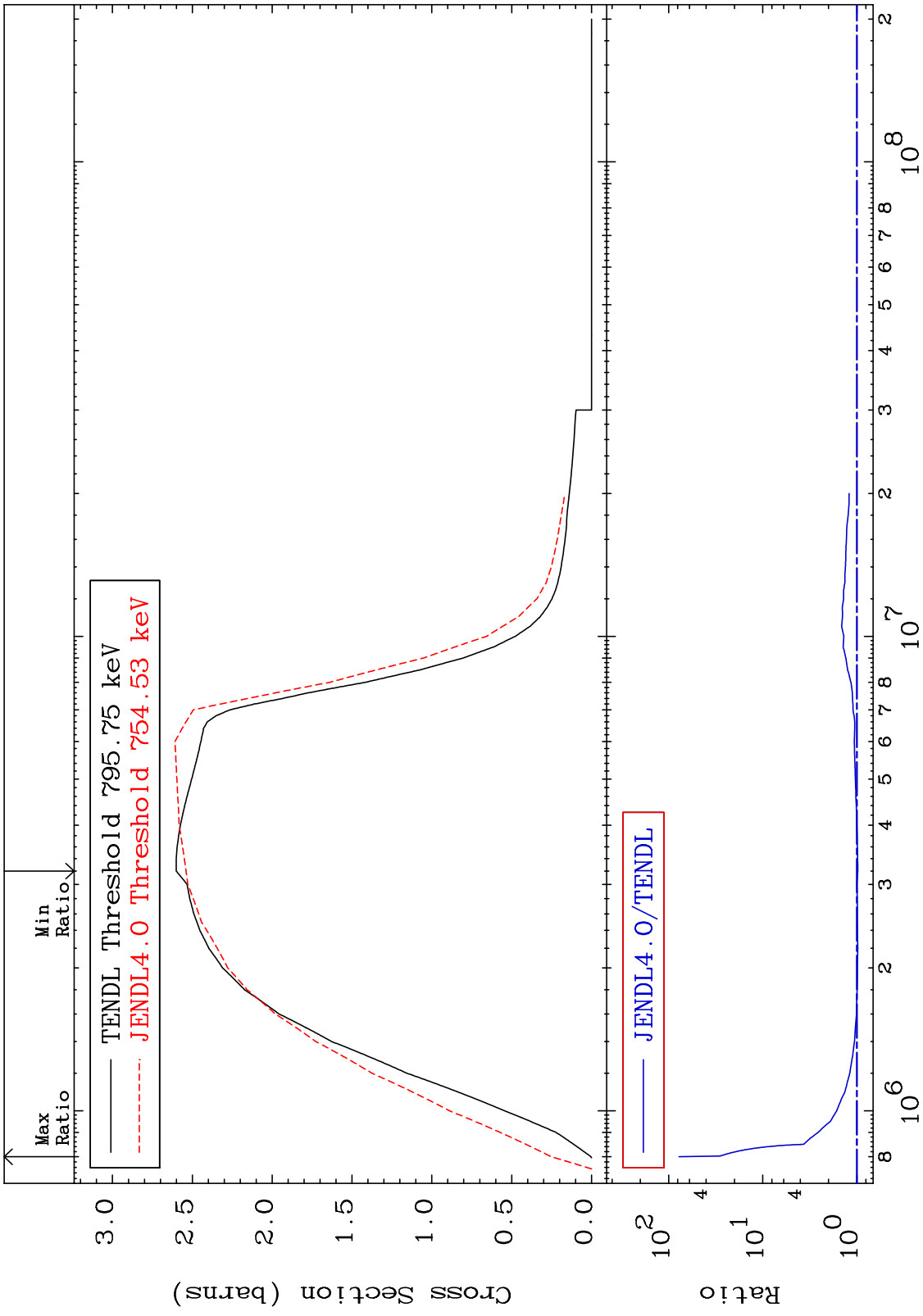
MAT 6840 MT= 73 (n,n') Level Cross Section 68-Er-167  
 -82.74 To 64.07 %



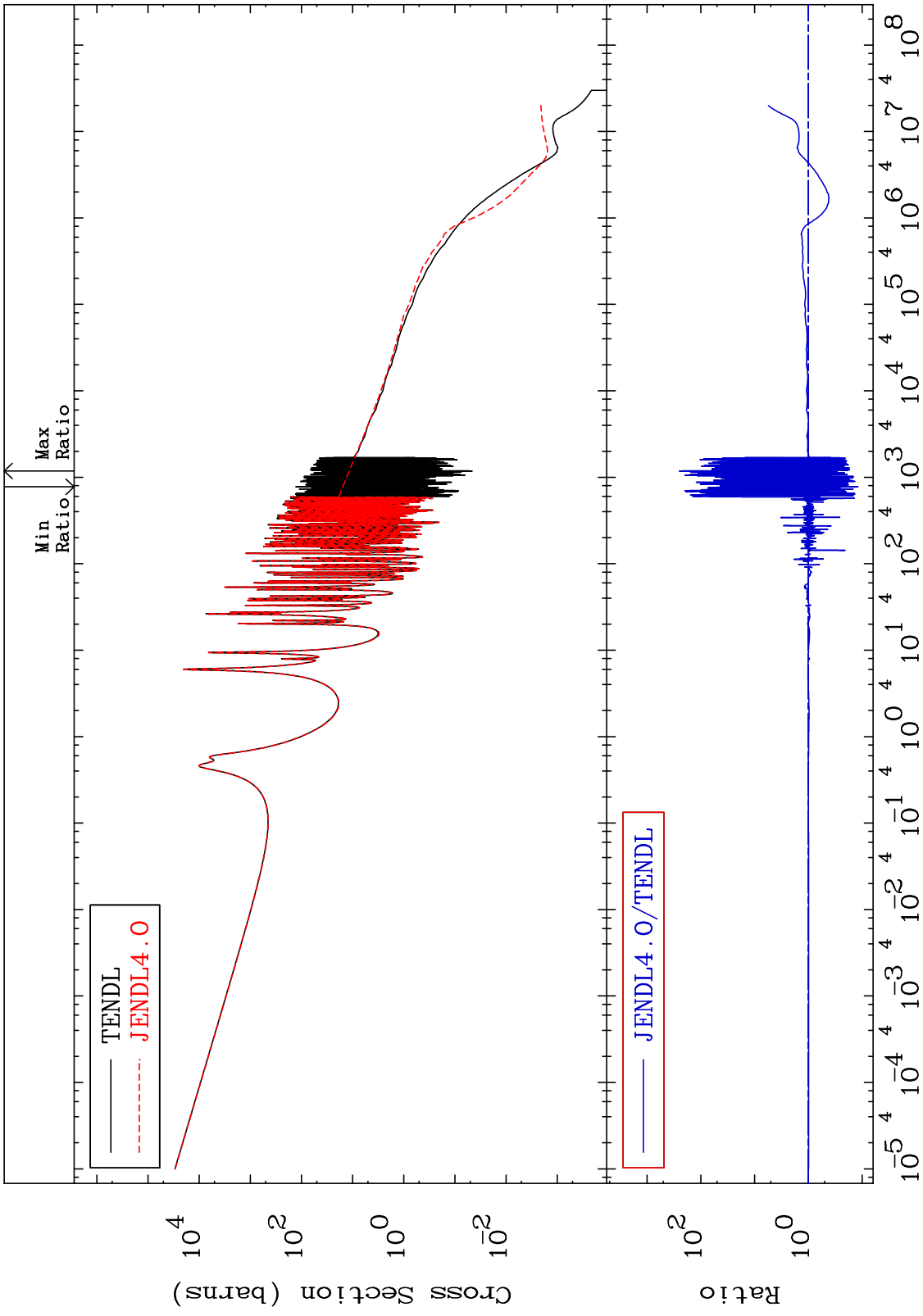
31 Incident Energy (eV) 68-Er-167



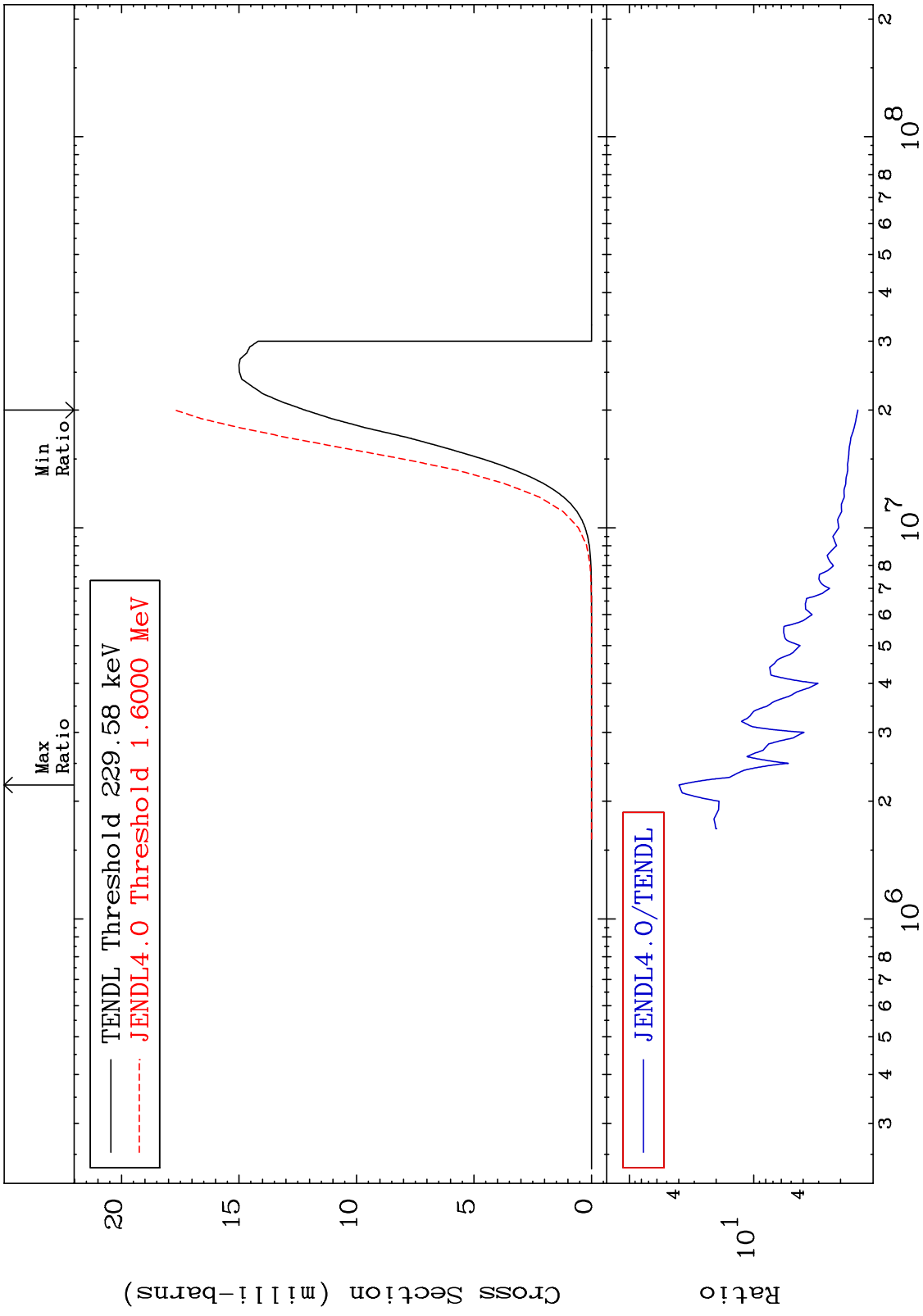
MAT 6840 (n,n') Continuum Cross Section 68-Er-167 -2.364 To 7654. %



MAT 6840 68-Er-167  
-88.00 To 9999. %  
 (n,  $\gamma$ )  
 Cross Section

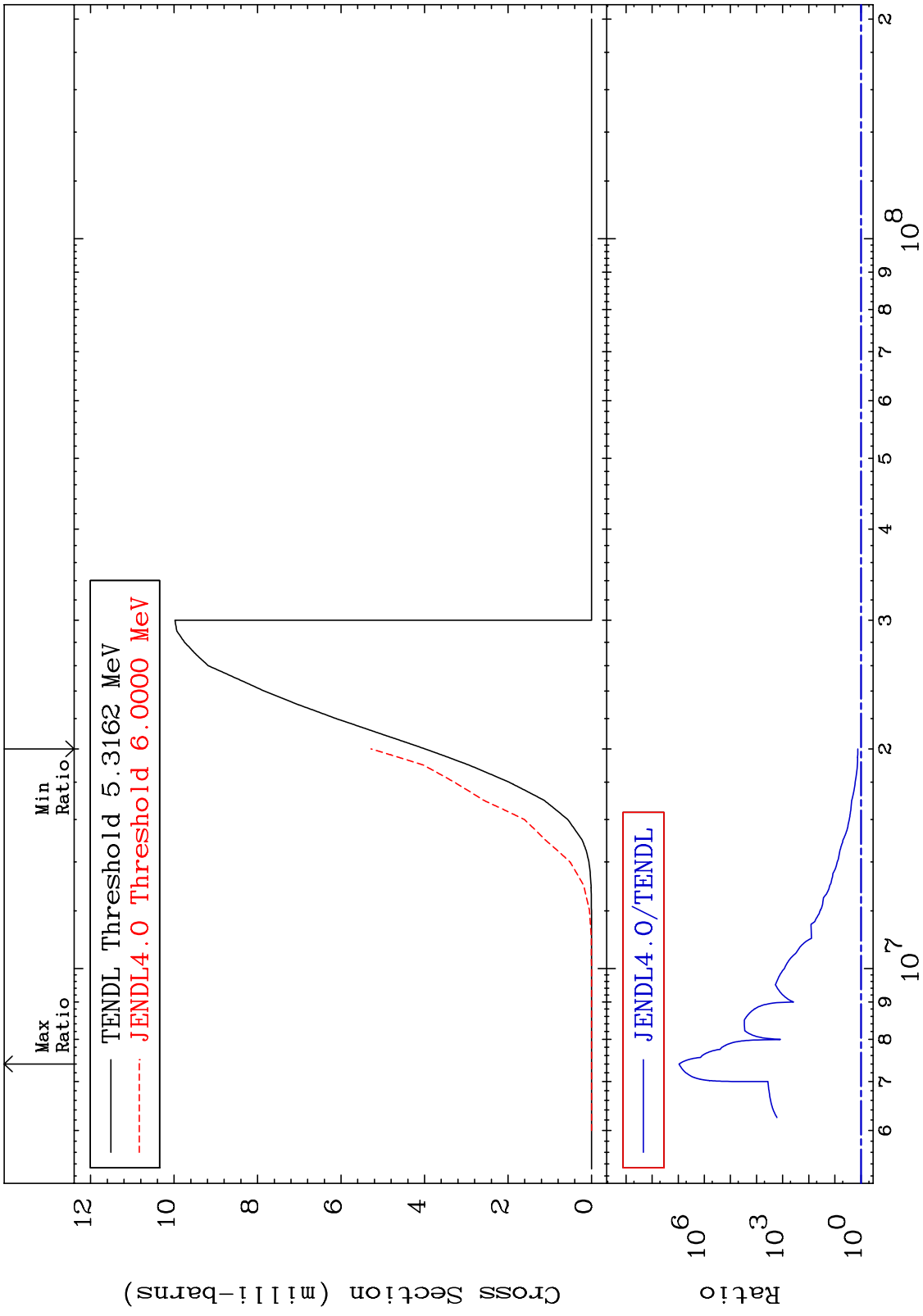


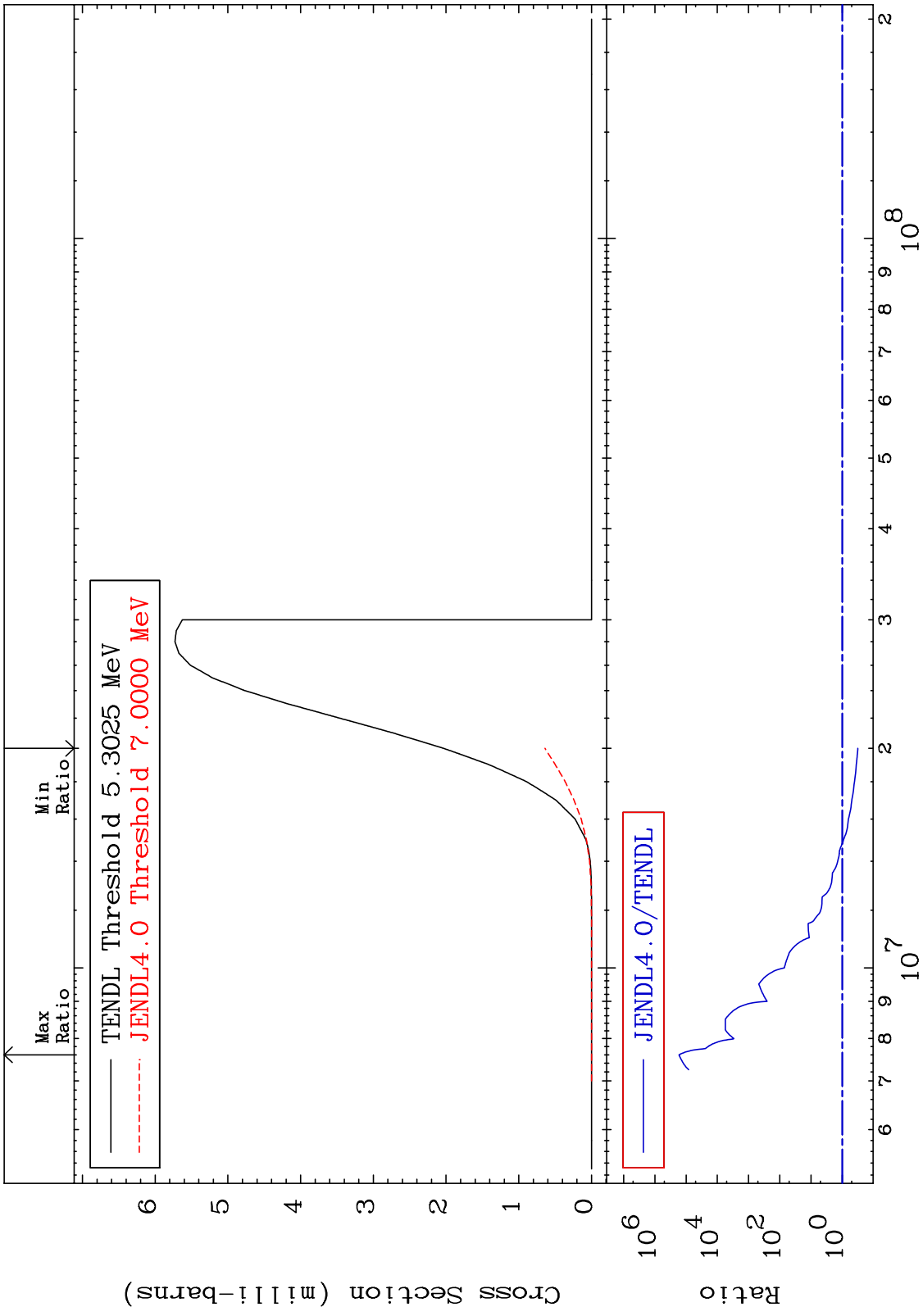
MAT 6840 (n,p) Cross Section 68-Er-167 45.36 To 3880. %



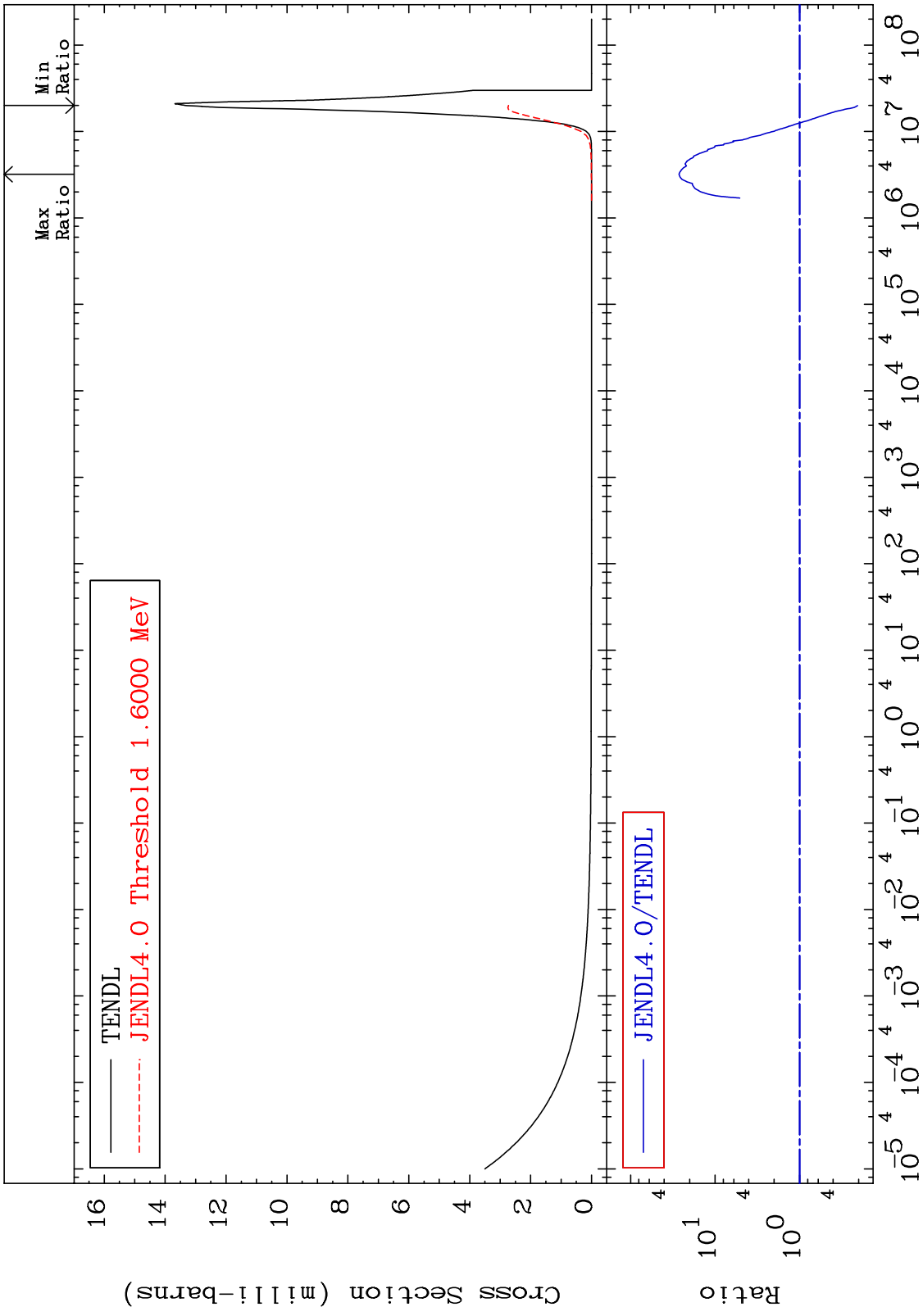
34 Incident Energy (eV) 68-Er-167

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





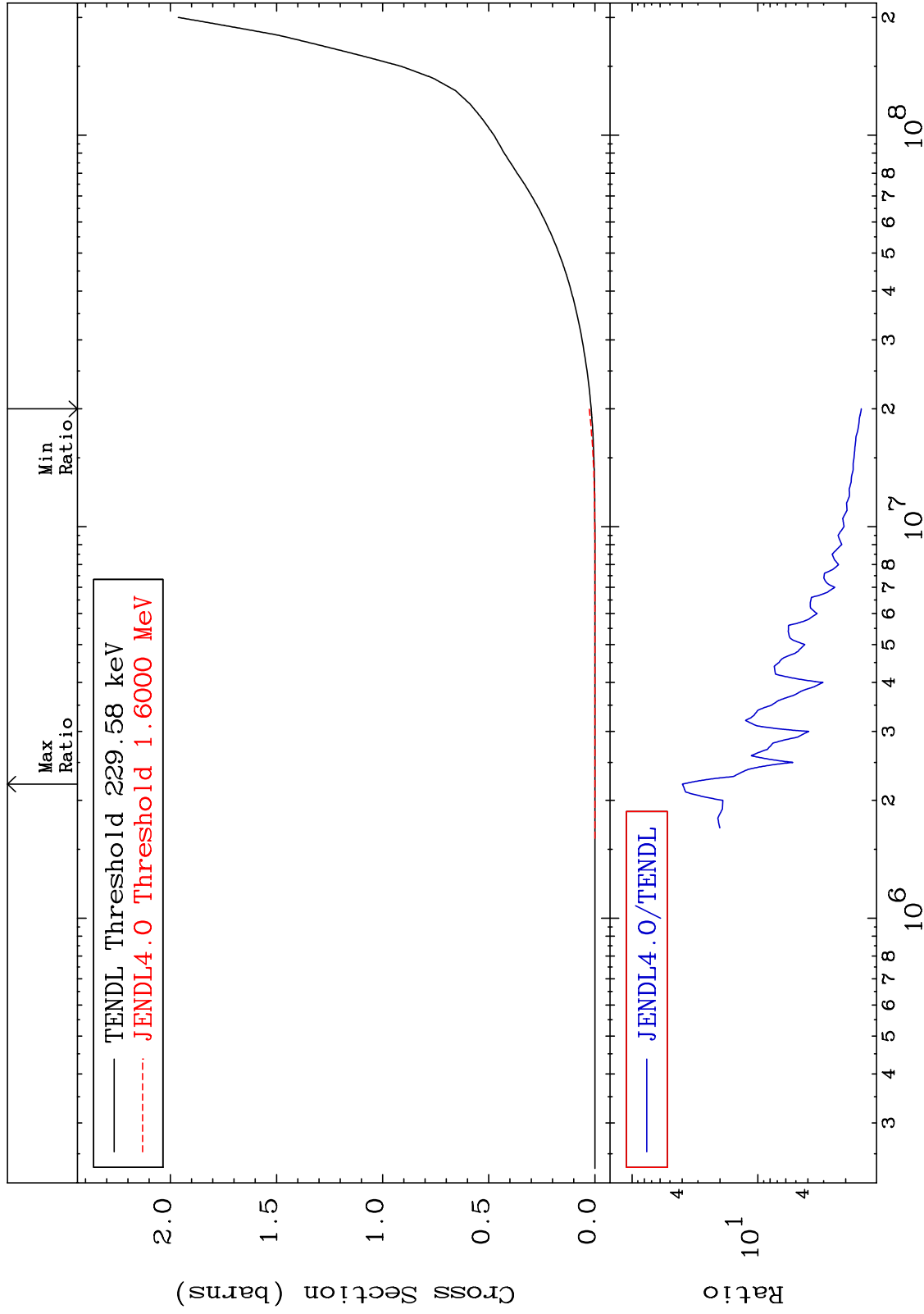
MAT 6840 (n,α) Cross Section 68-Er-167 -79.57 To 2568. %

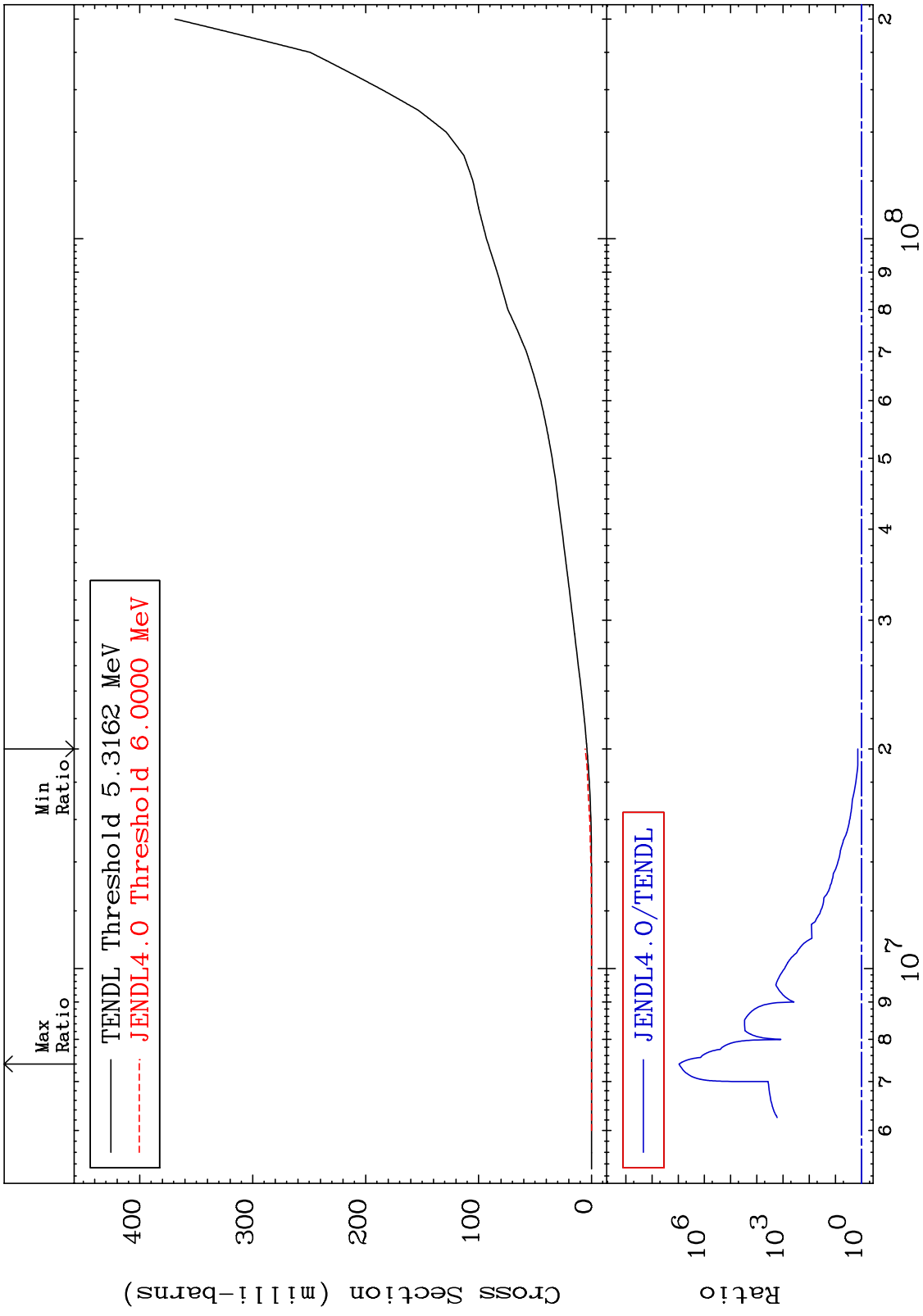


MAT 6840

Hydrogen Production  
Cross Section

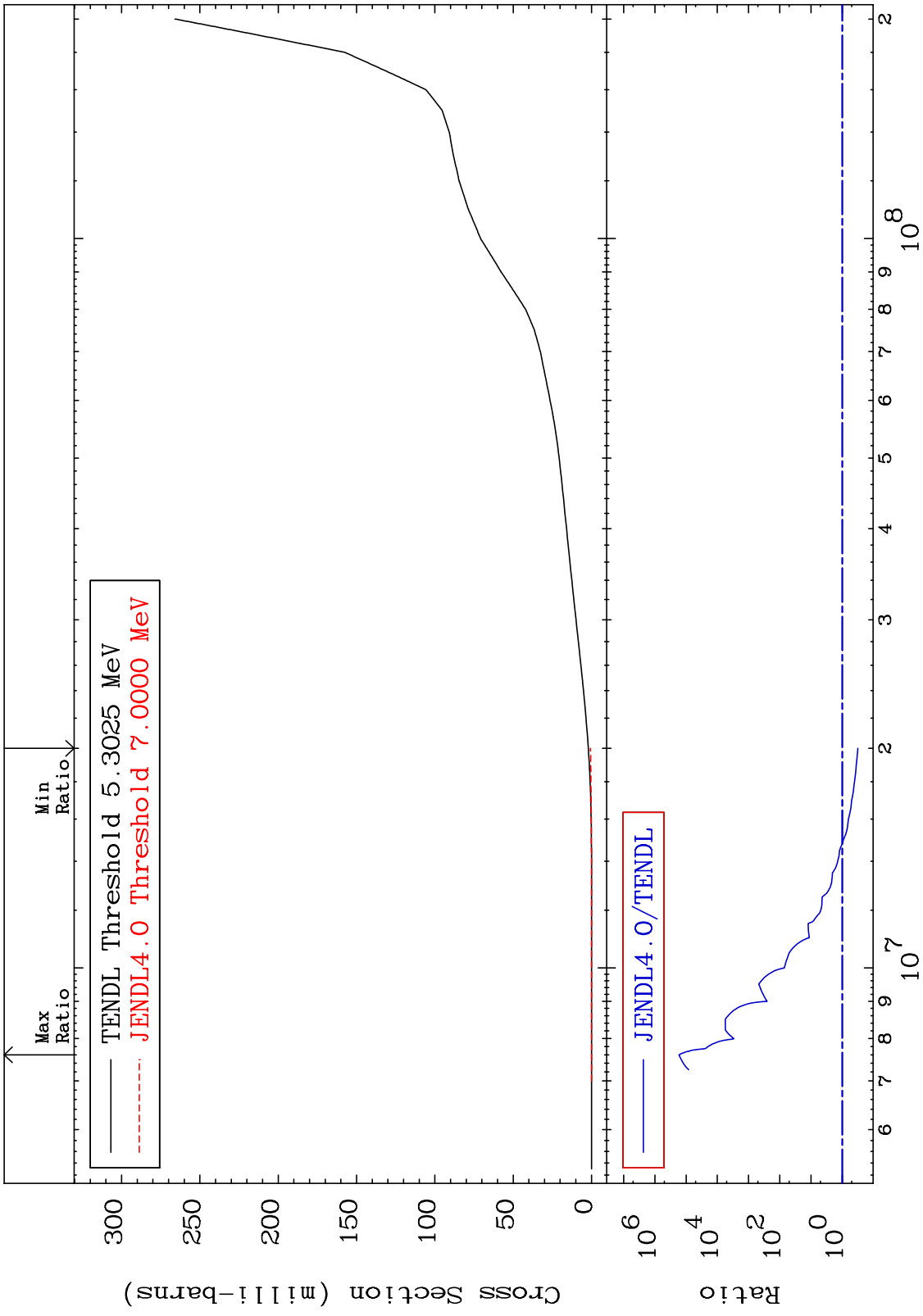
68-Er-167  
50.67 To 3880. %







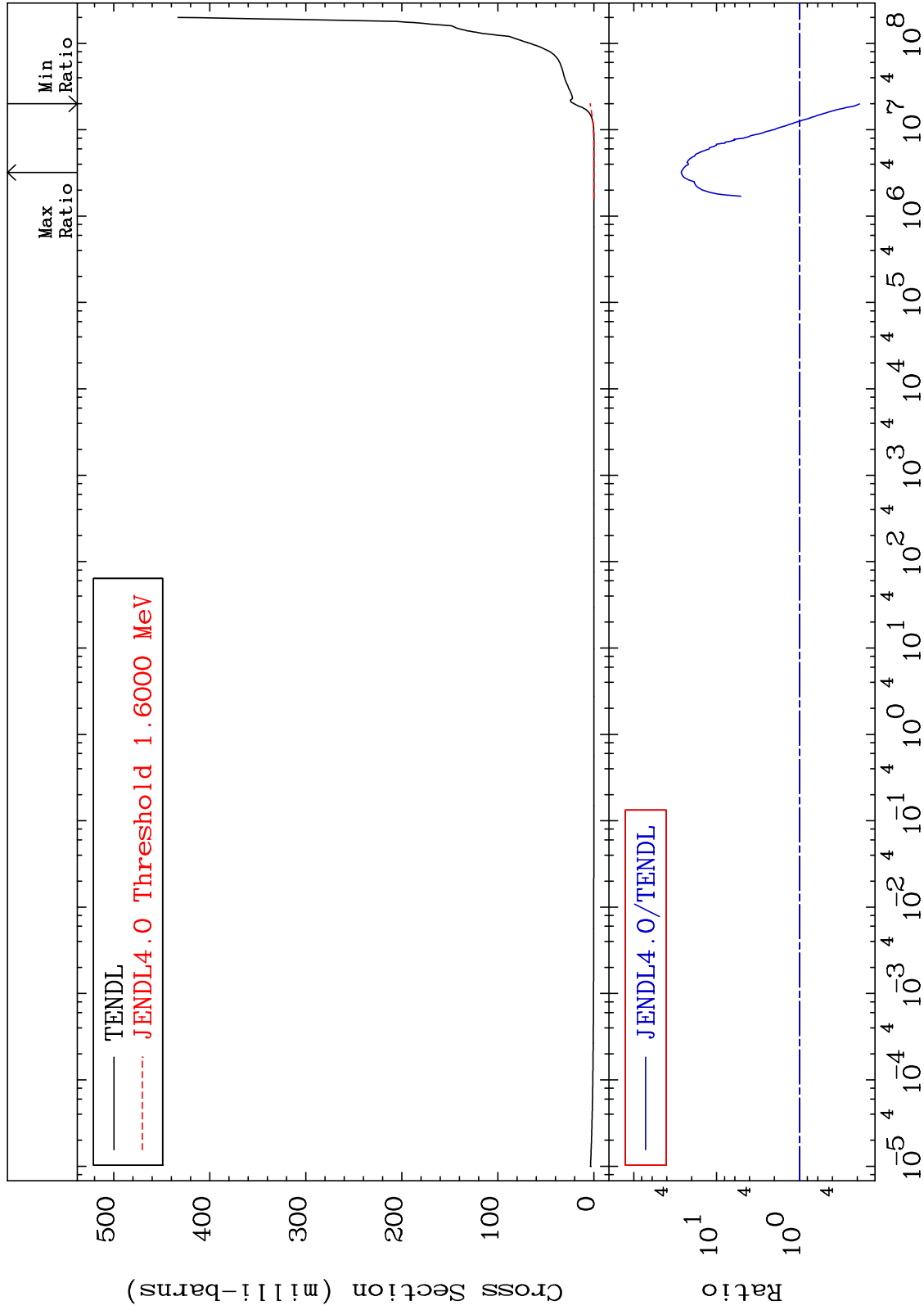
MAT 6840 Tritium Production Cross Section 68-Er-167 -68.52 To 9999. %



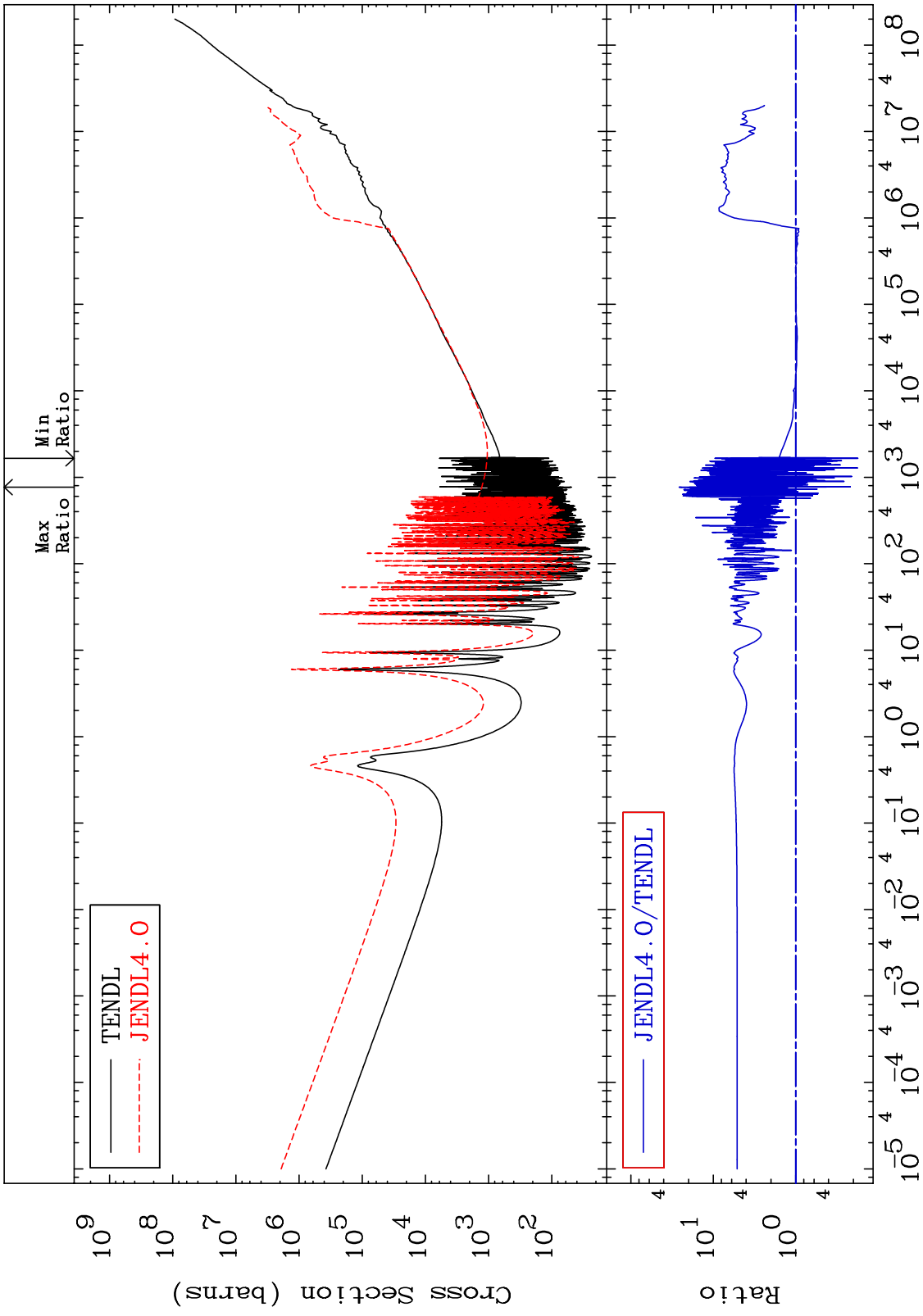
MAT 6840

He-4 Production  
Cross Section

68-Er-167  
-81.34 To 2568. %

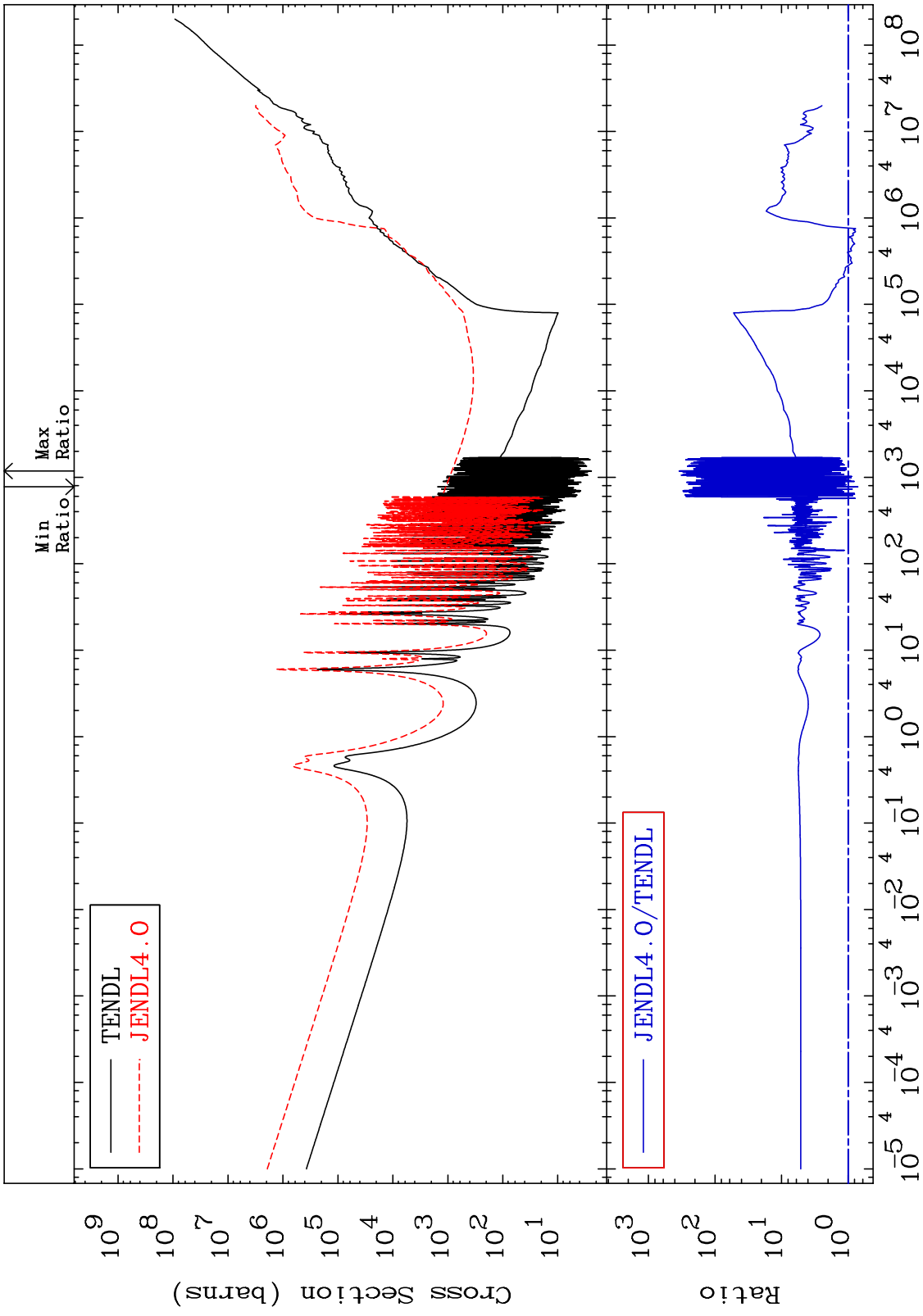


MAT 6840      Kerma total (eV-barns)  
 Cross Section      68-Er-167  
 -82.37 To 2509. %

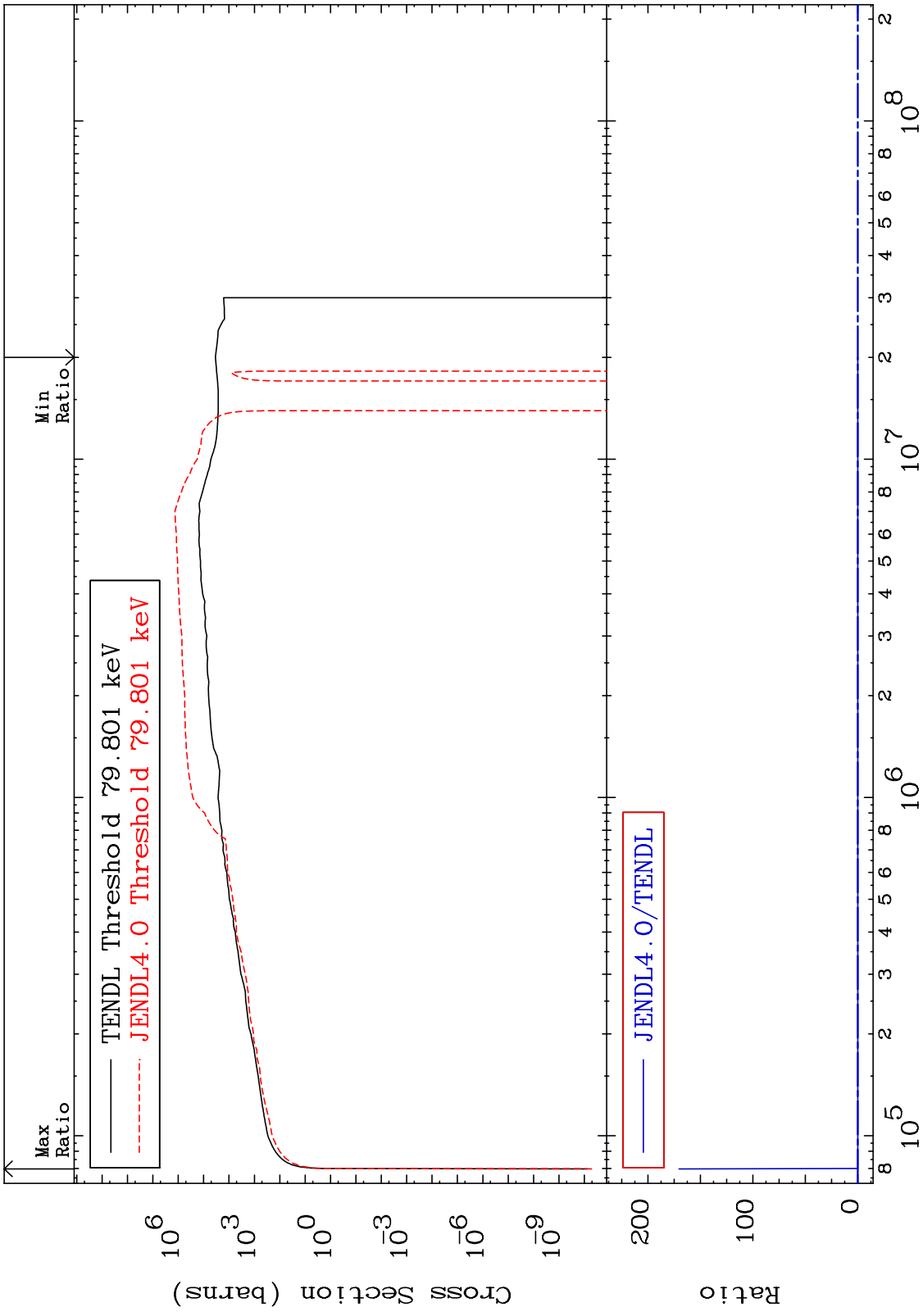




MAT 6840      Kerma non-elastic (all but mt2)      68-Er-167  
 Cross Section      -28.63 To 9999. %



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

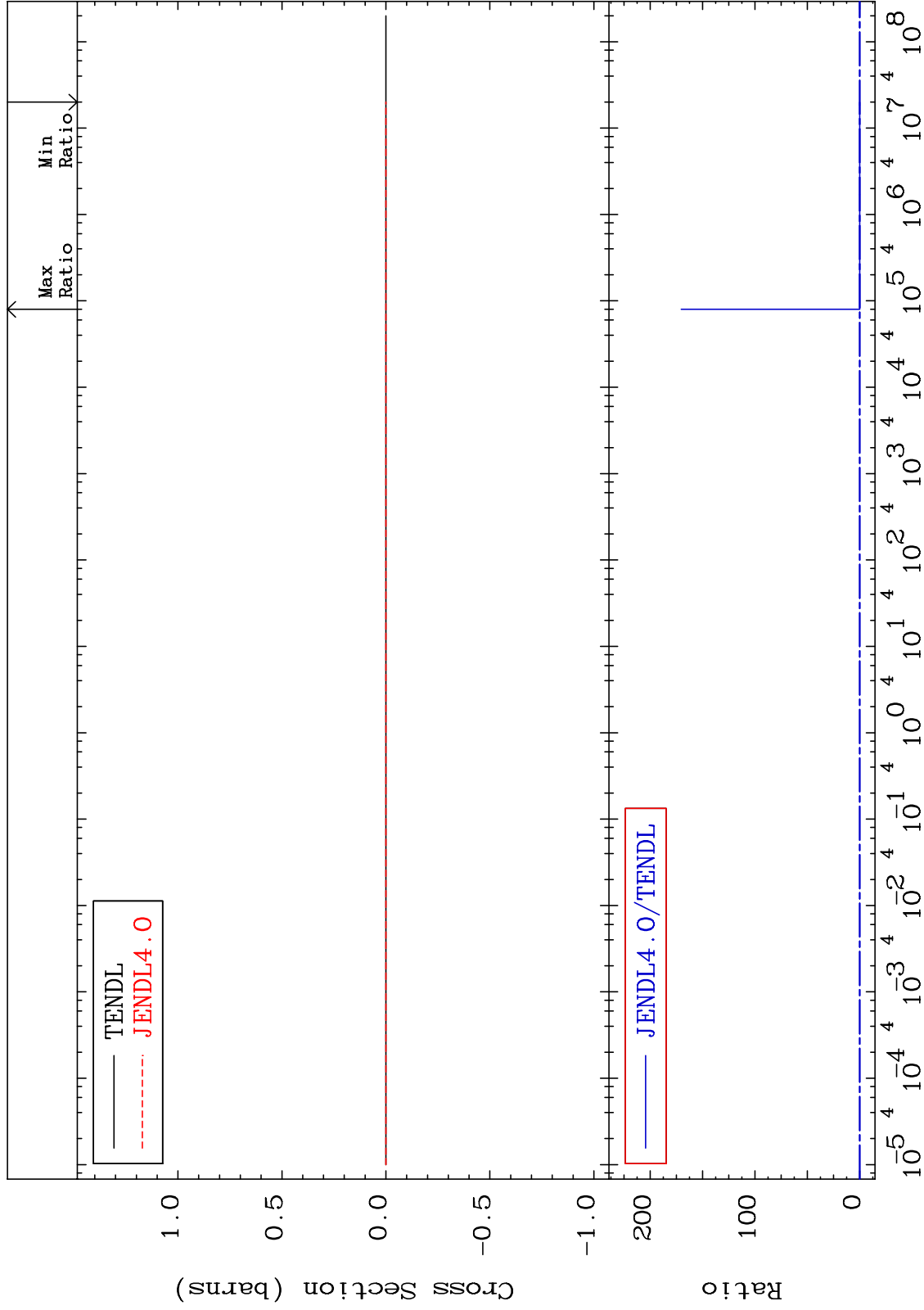


45 Incident Energy (eV) 68-Er-167

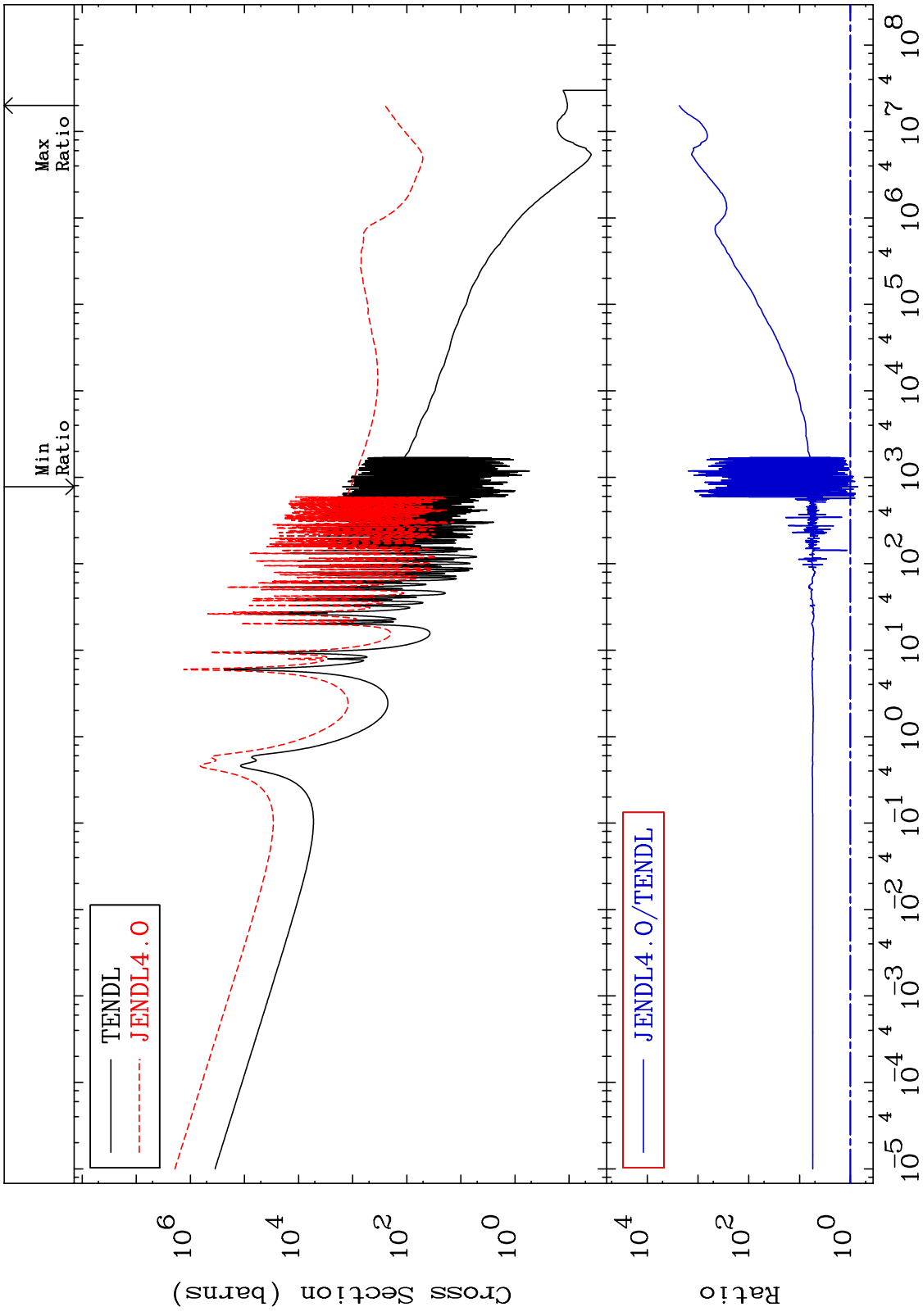
MAT 6840

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

68-Er-167  
-289.8 To 9999. %



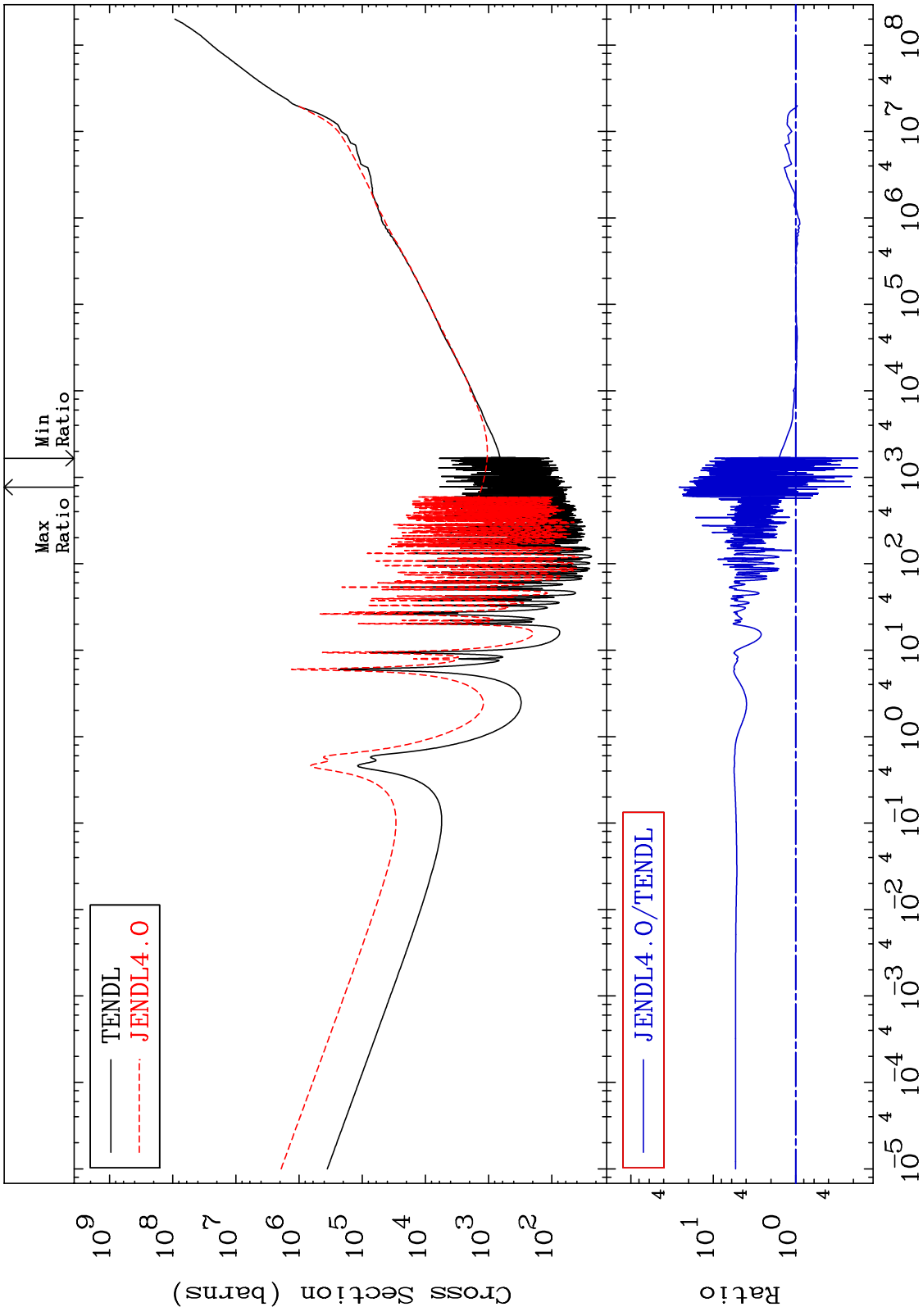
MAT 6840      Kerma capture (mt102) Cross Section      68-Er-167  
-28.51 To 9999. %



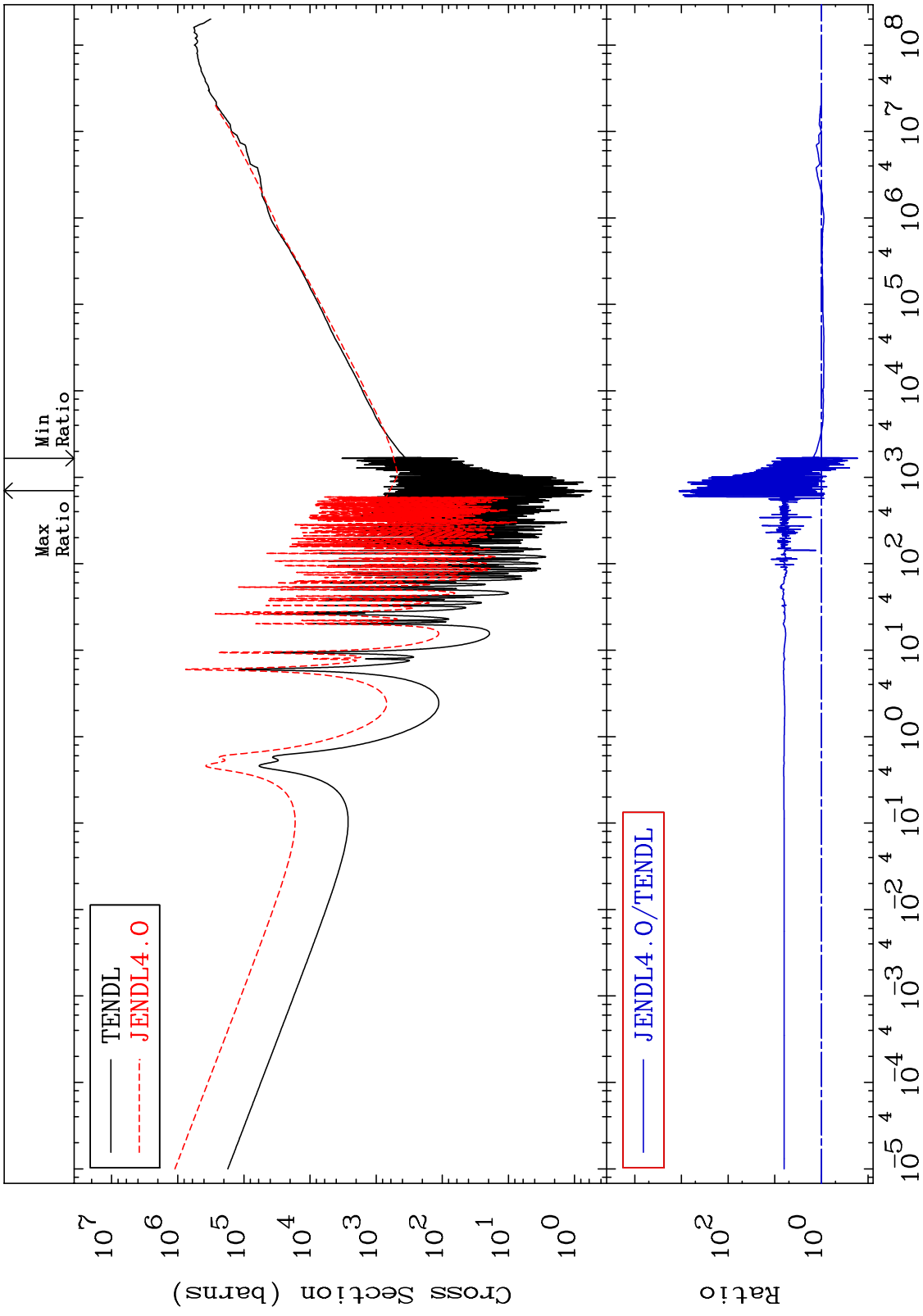




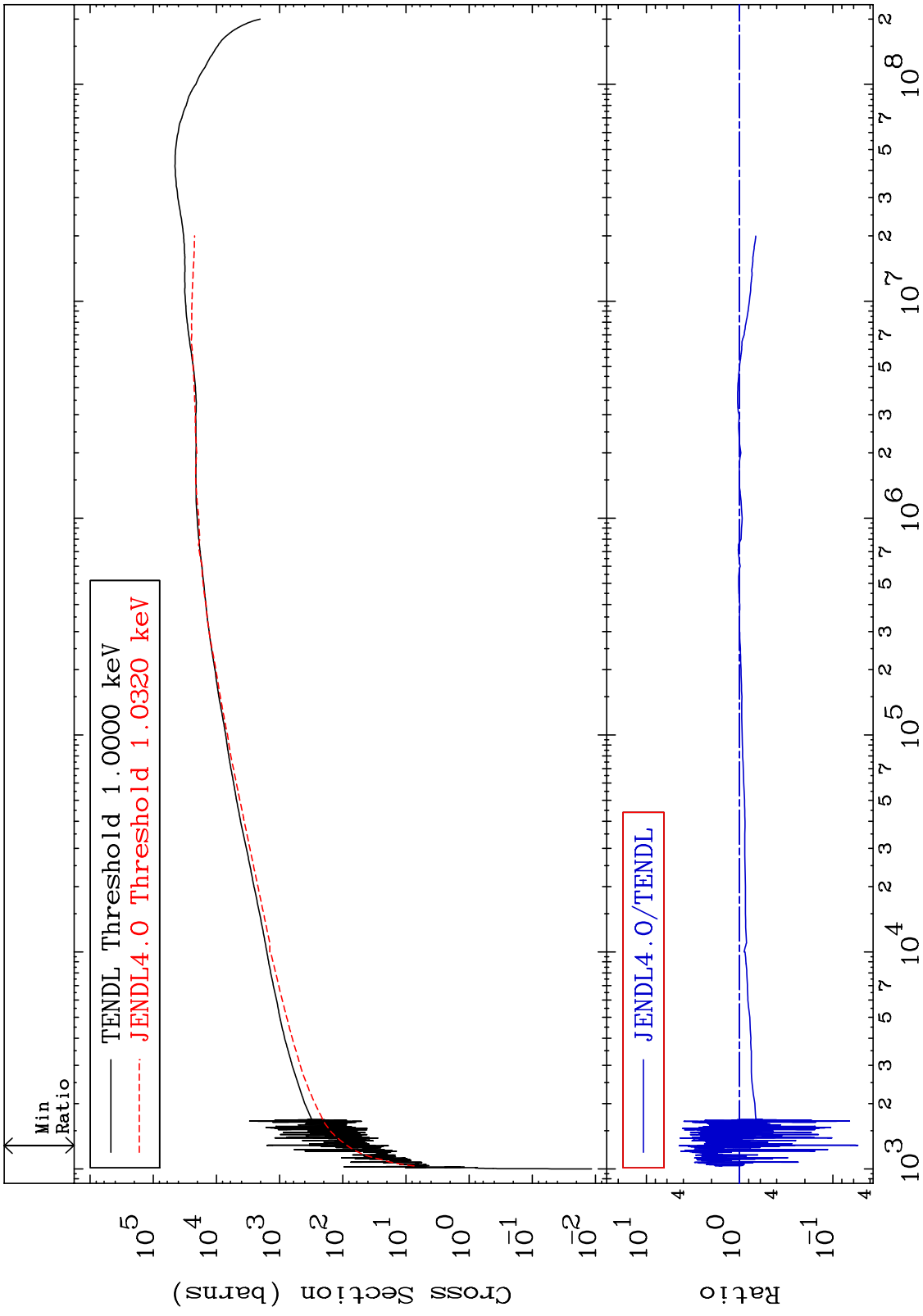
MAT 6840      Total kinematic kerma (high limit)      68-Er-167  
 Cross Section      -82.37 To 2508. %



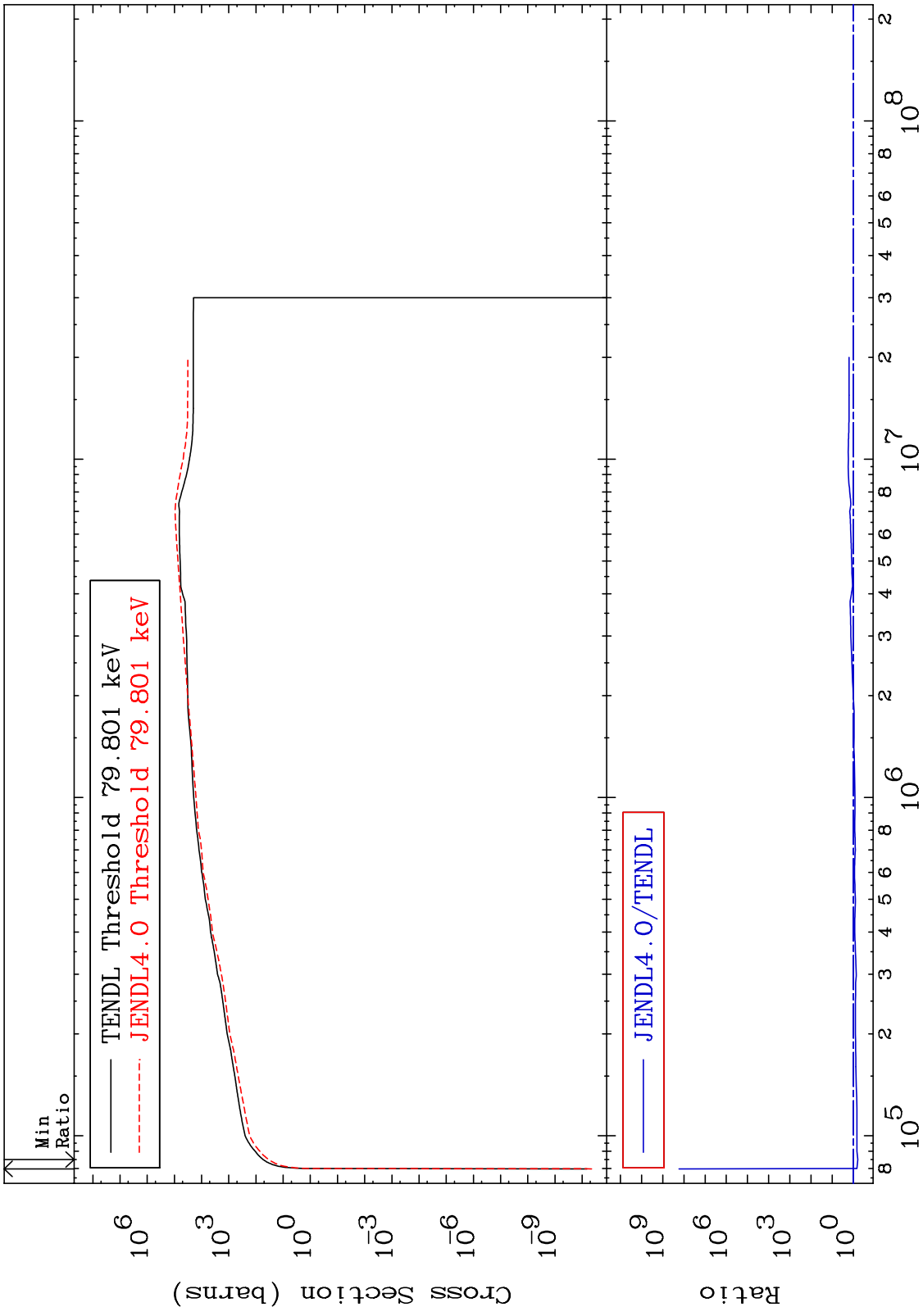
MAT 6840      Dpa total (eV-barns)      68-Er-167  
 Cross Section      -83.36 To 9999. %



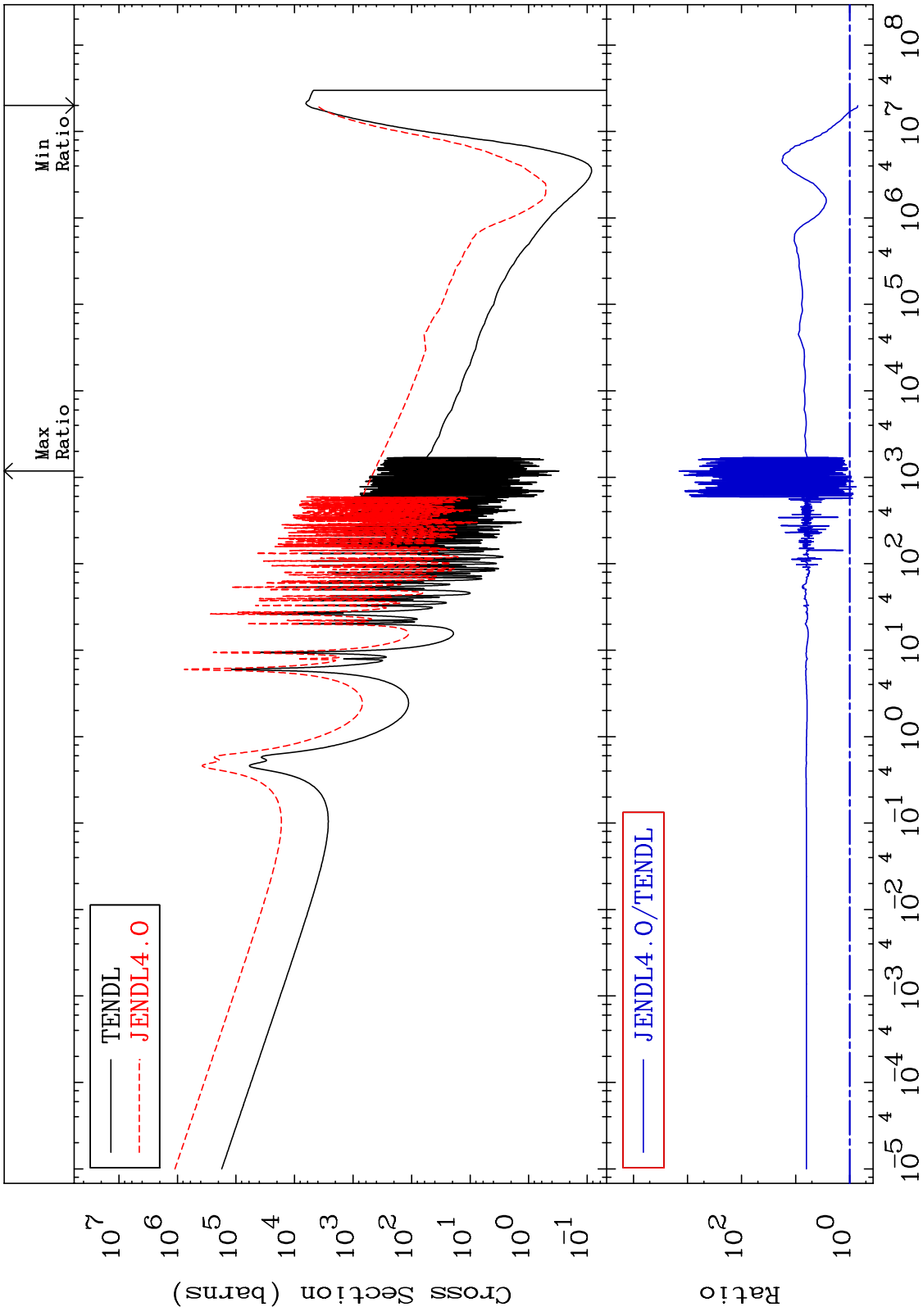
MAT 6840      Dpa elastic (mt2)      68-Er-167  
Cross Section      -94.60 To 345.6 %



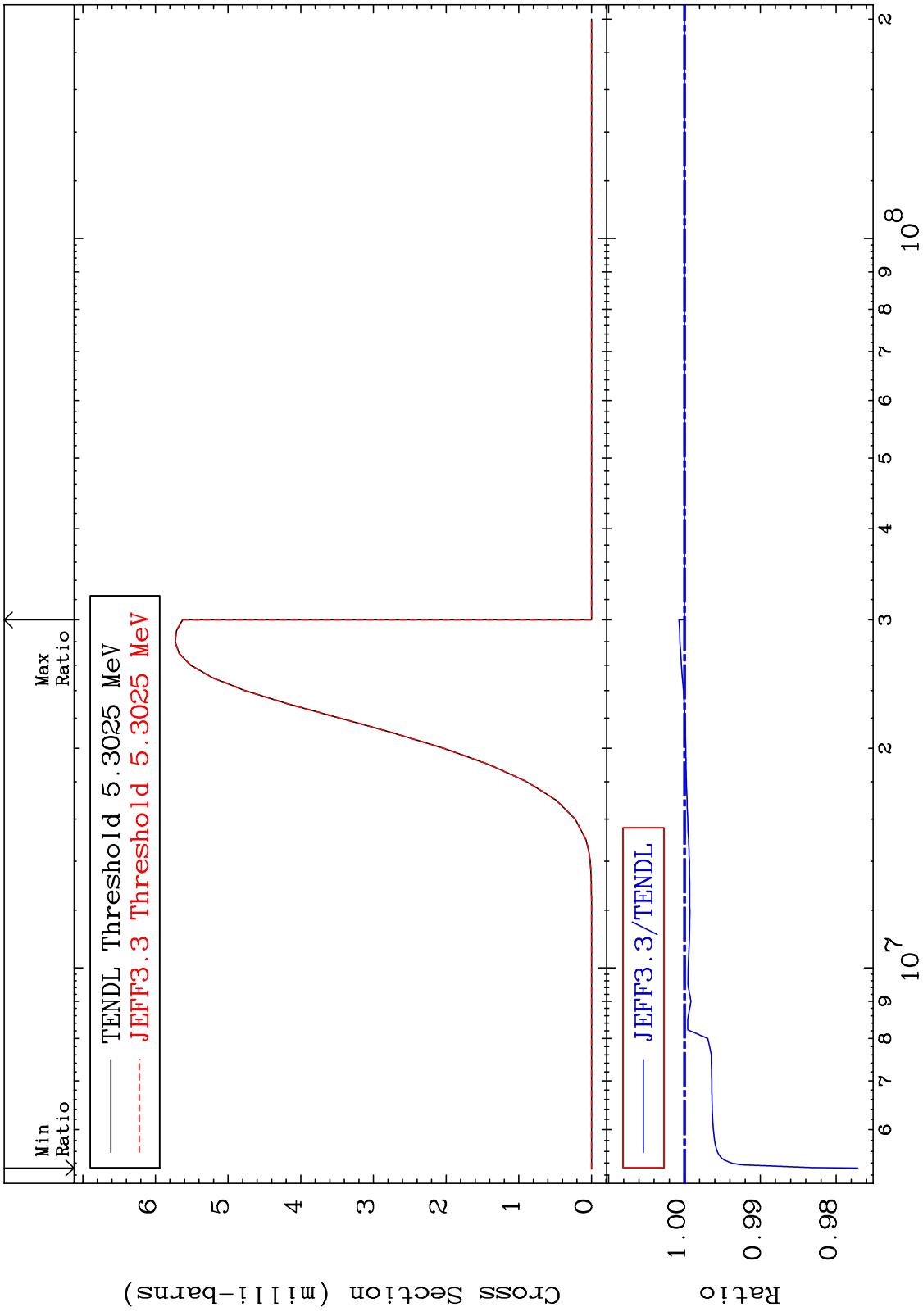
MAT 6840      Dpa inelastic (mt51-91)      68-Er-167  
Cross Section      -38.73 To 9999. %



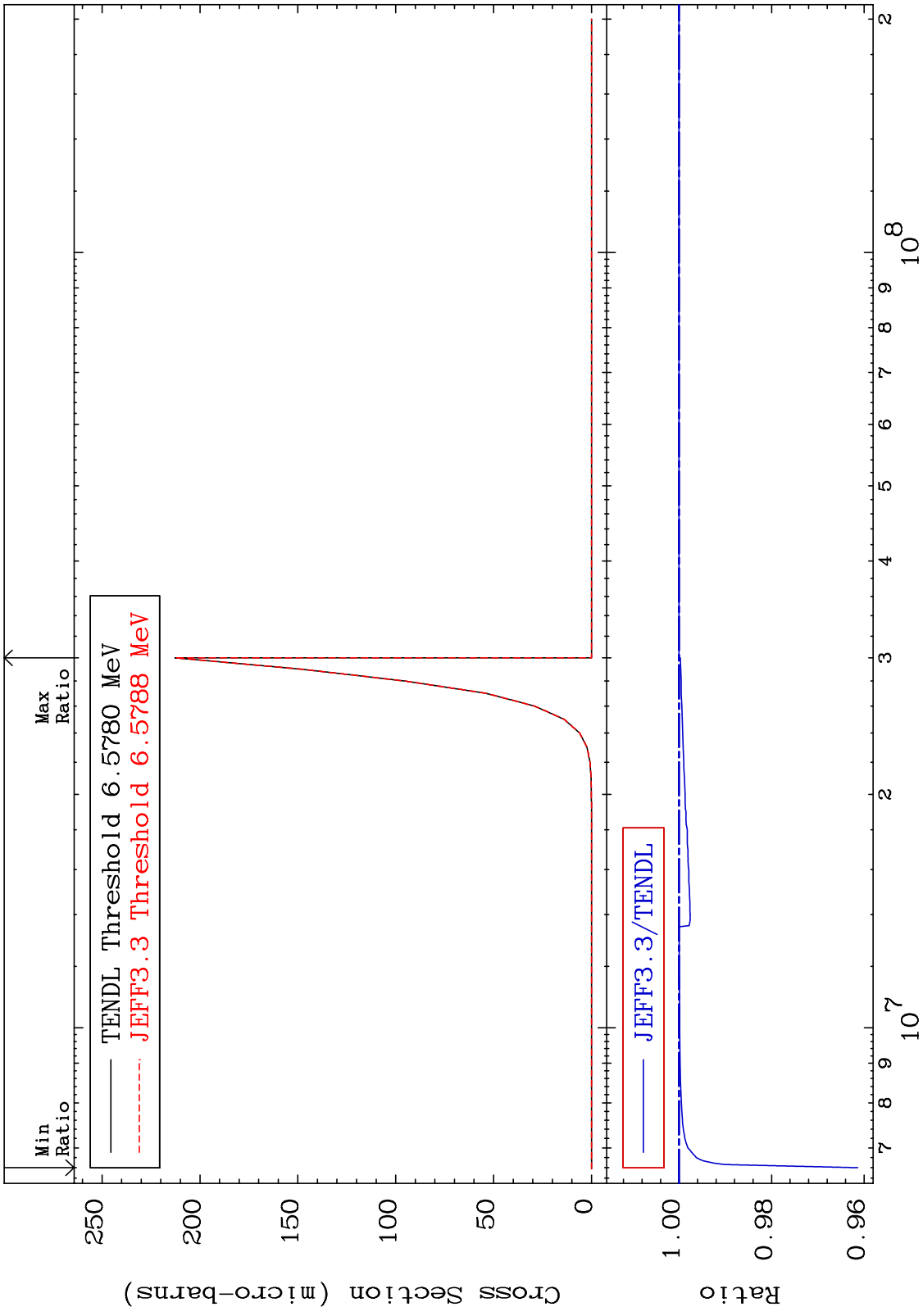
MAT 6840      Dpa disappearance (mt102 -120)      68-Er-167  
 Cross Section      -29.29 To 9999. %



MAT 6840 (n,t) Cross Section 68-Er-167 -2.286 To 0.071 %

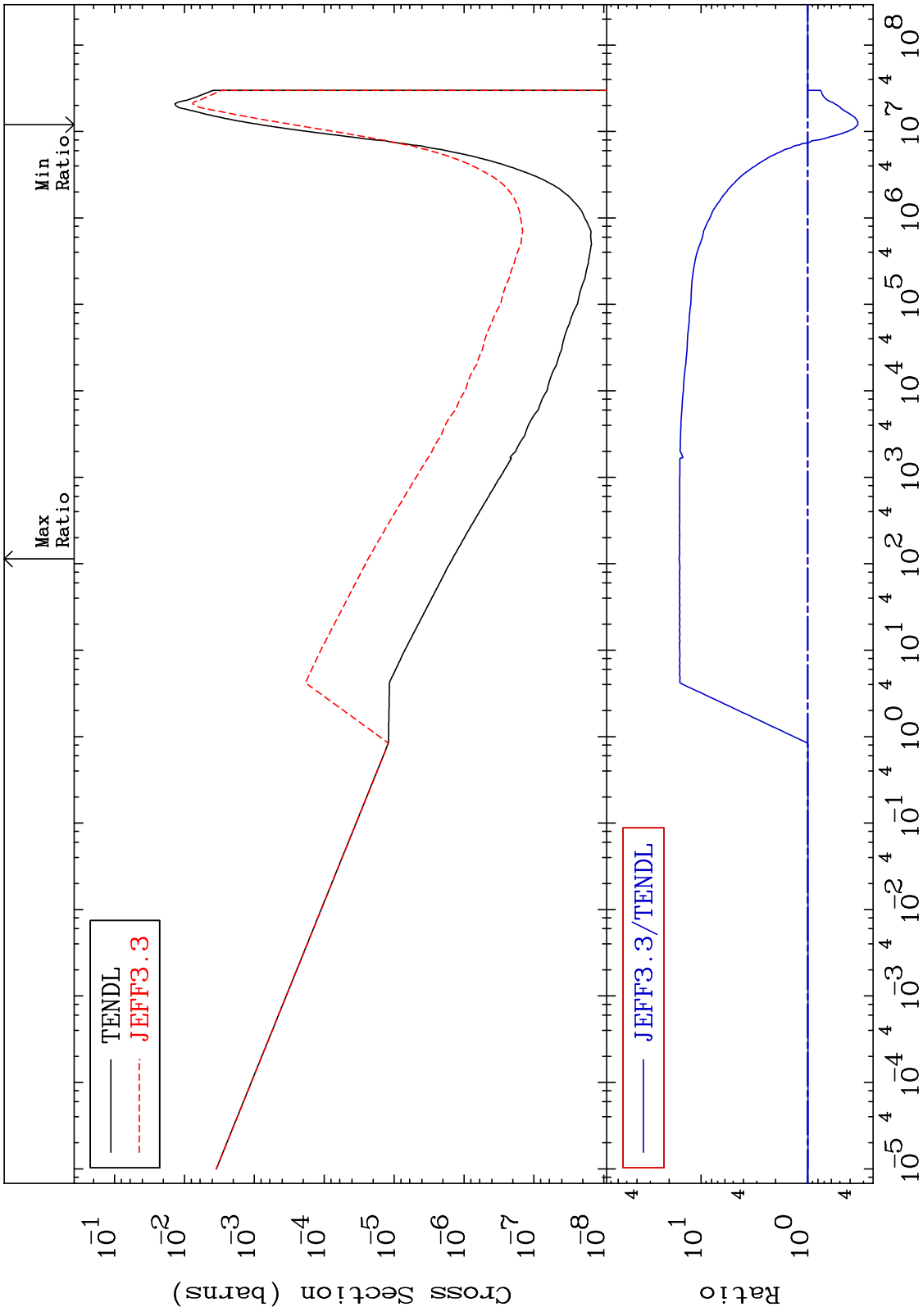


MAT 6840 (n, He-3) Cross Section 68-Er-167 -3.864 To 0.000 %





MAT 6840 68-Er-167  
-66.15 To 1512. %



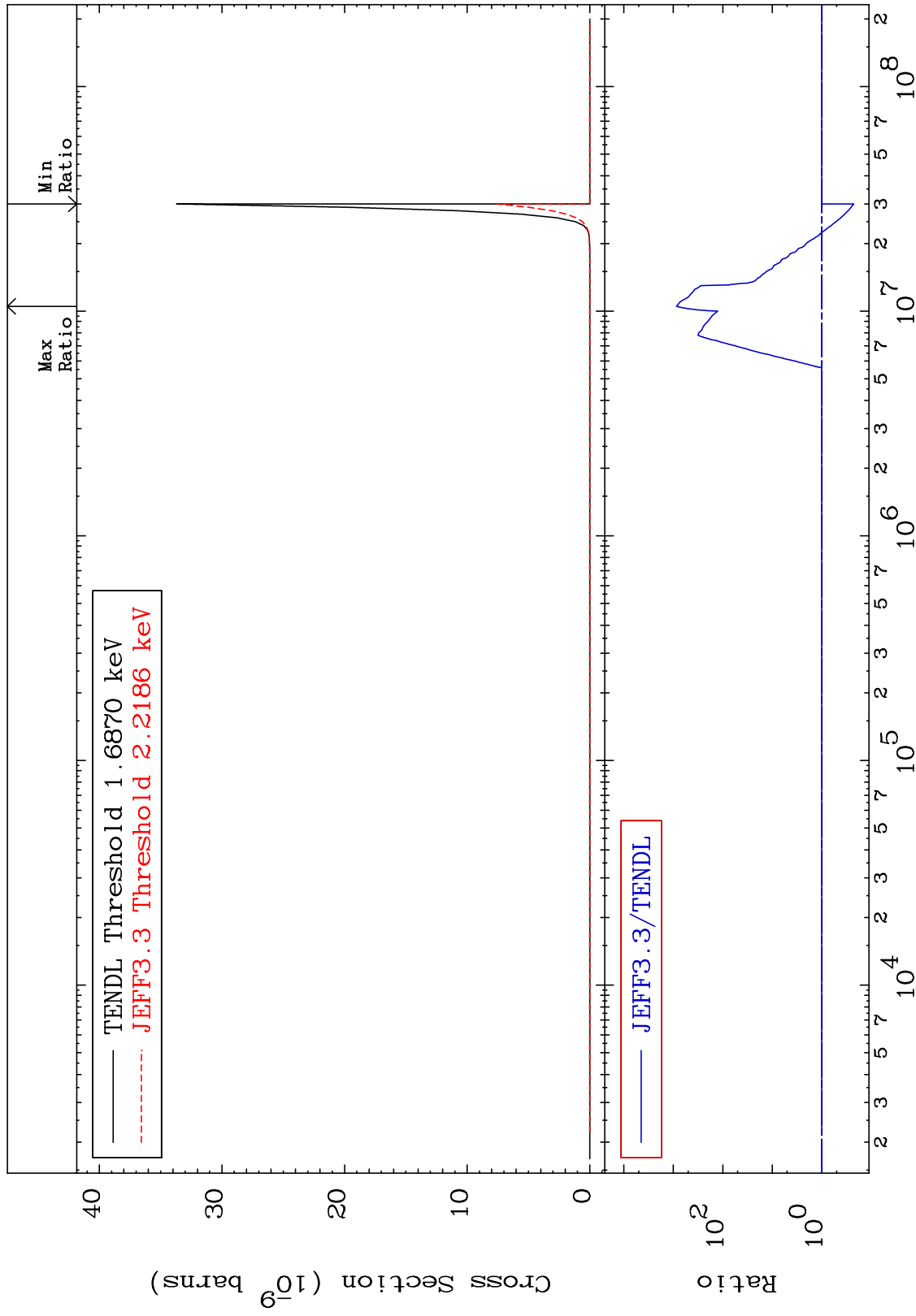
MAT 6840

(n,2α)

68-Er-167

Cross Section

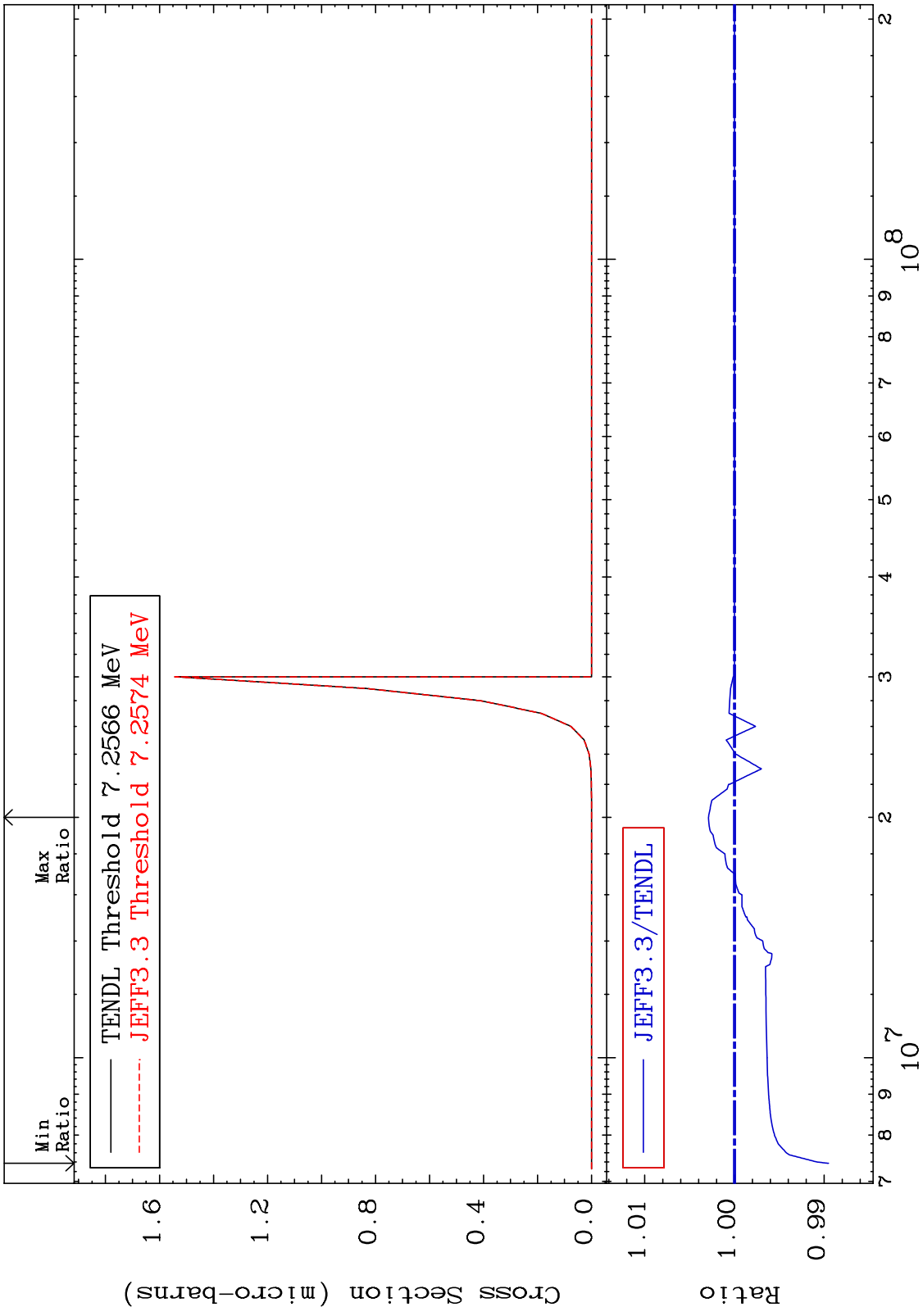
-77.61 To 9999. %



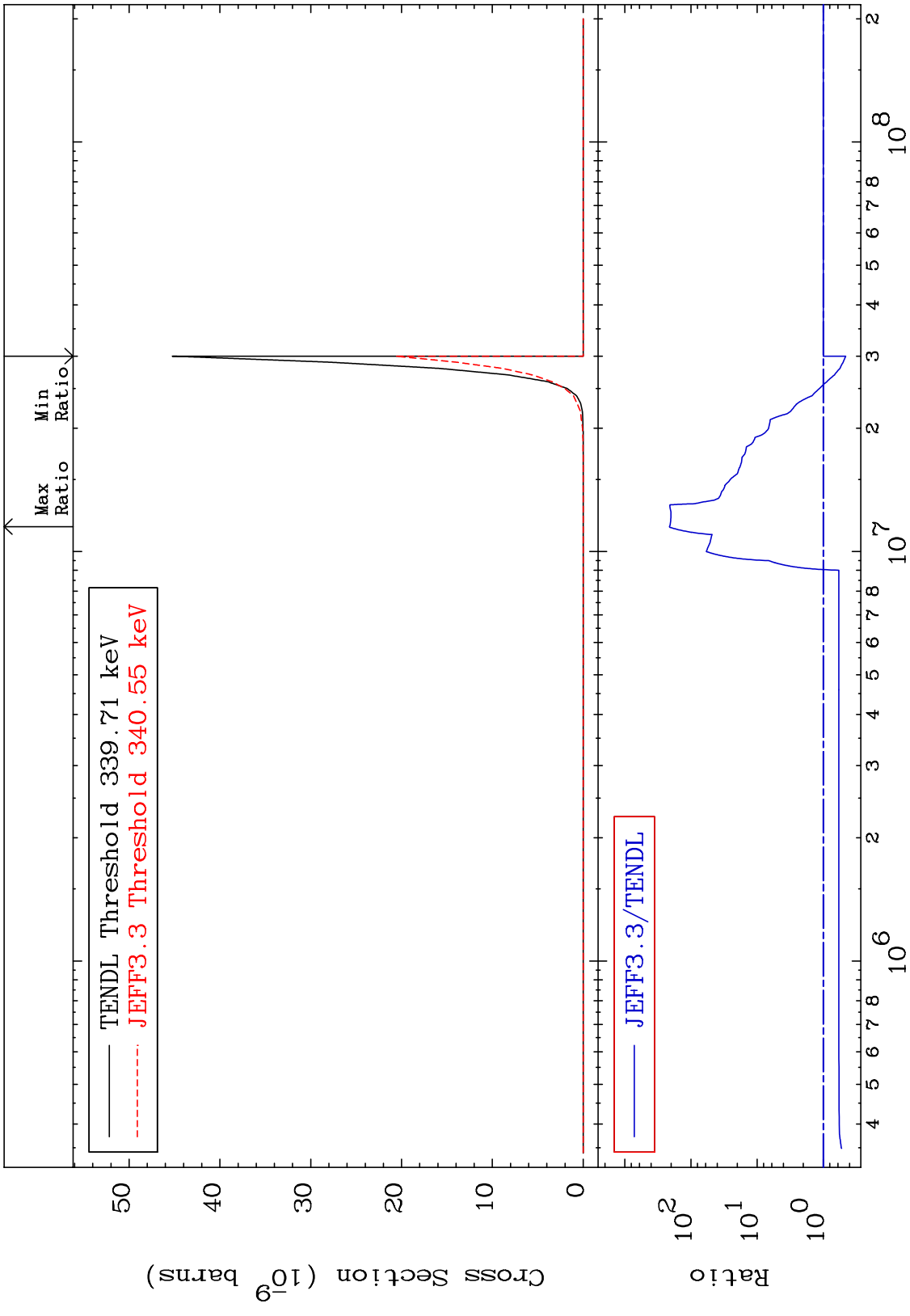
57

68-Er-167

68-Er-167

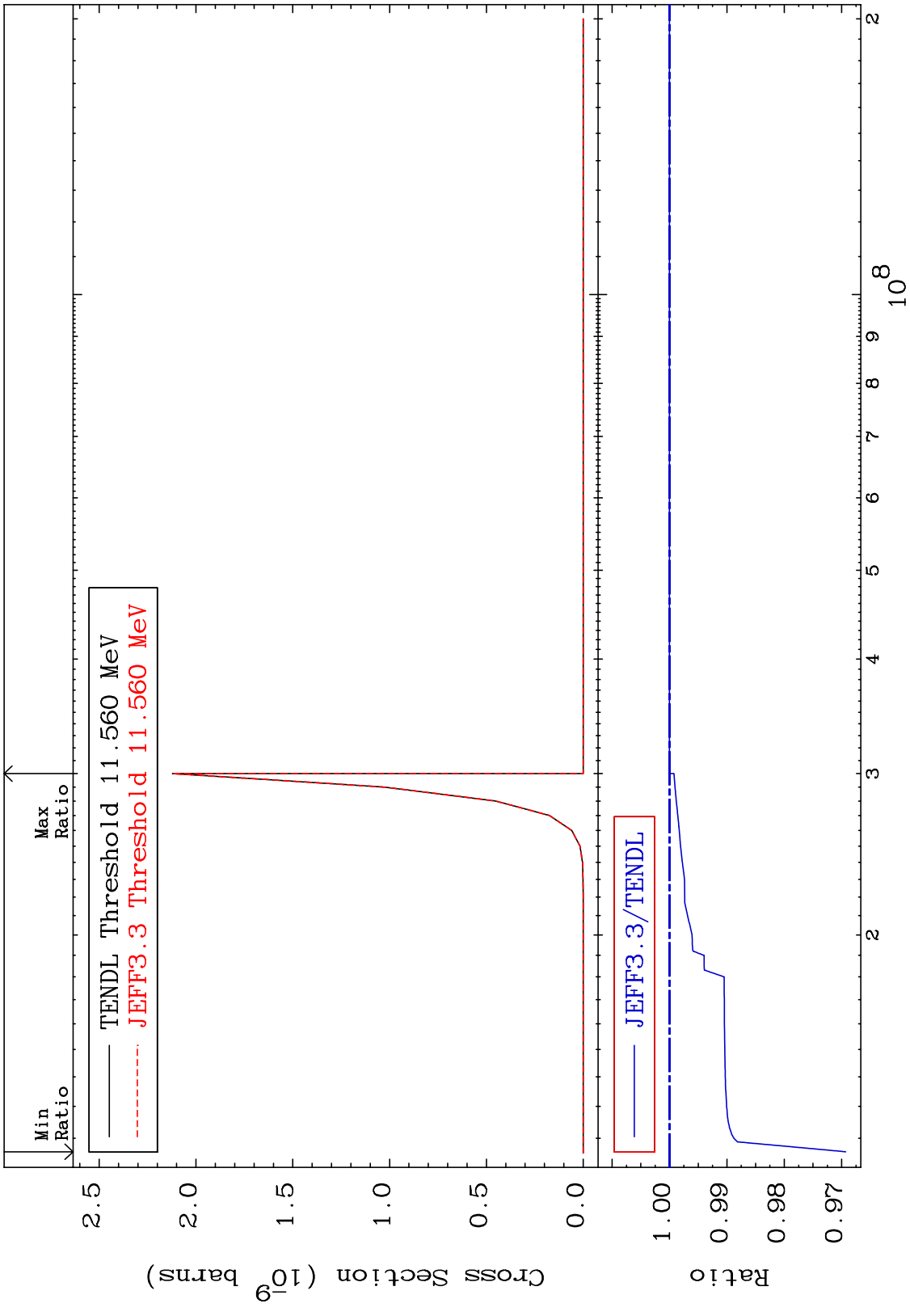


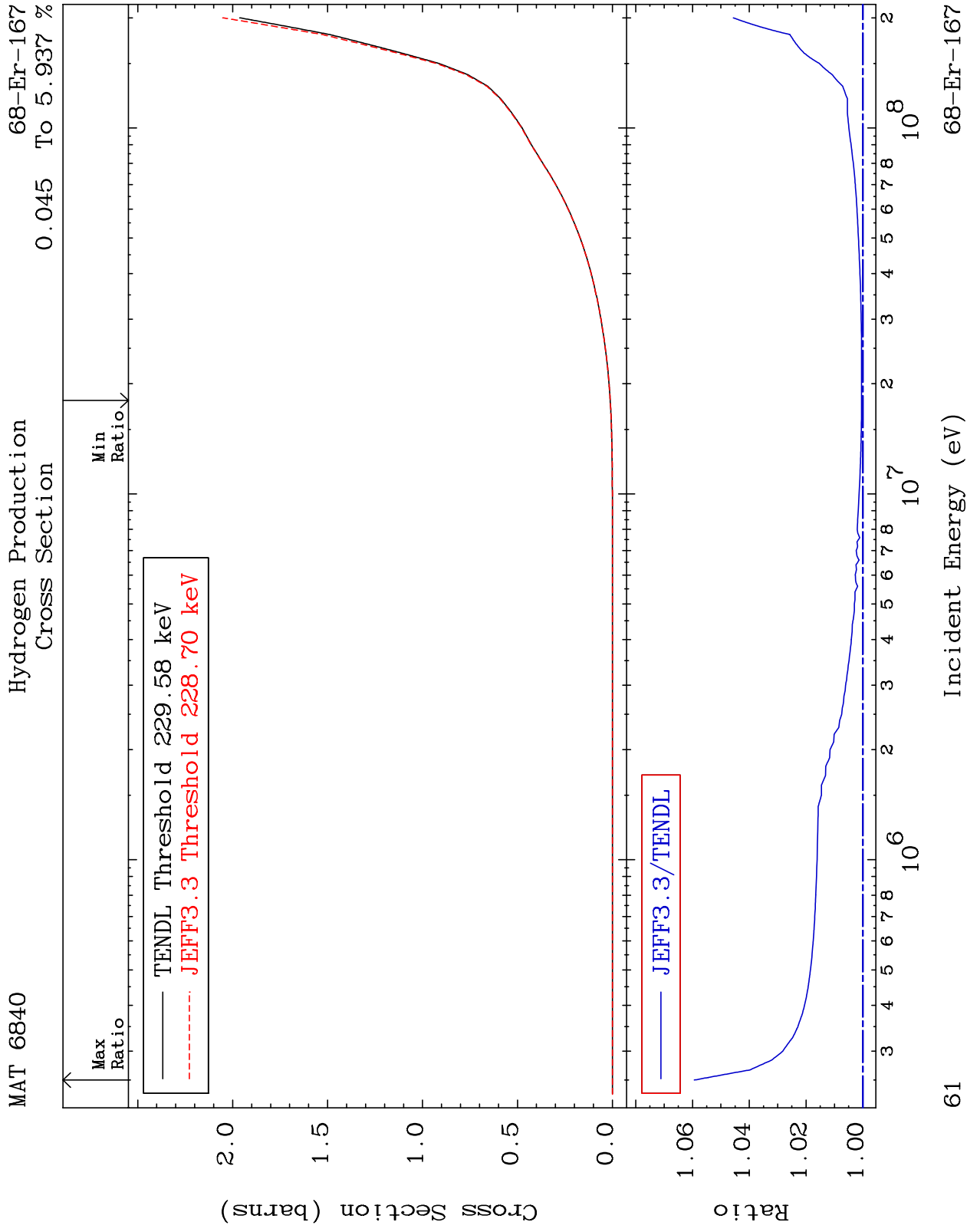
MAT 6840 (n,p)  $\alpha$  68-Er-167  
 Cross Section -54.30 To 9999. %



59 68-Er-167

MAT 6840 (n,p) t 68-Er-167  
 Cross Section -3.070 To 0.000 %

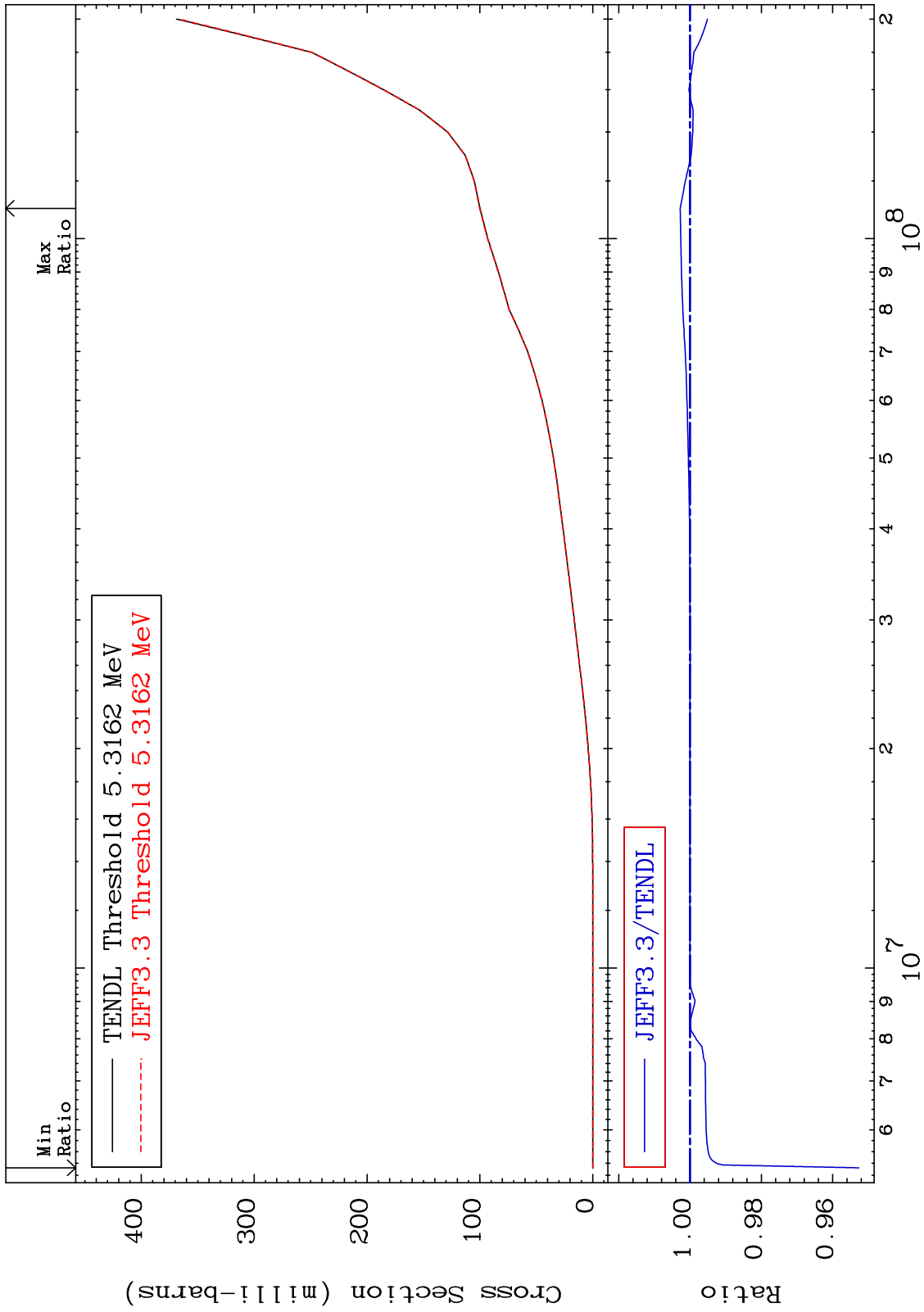




MAT 6840

Deuterium Production  
Cross Section

68-Er-167  
-4.735 To 0.274 %



62

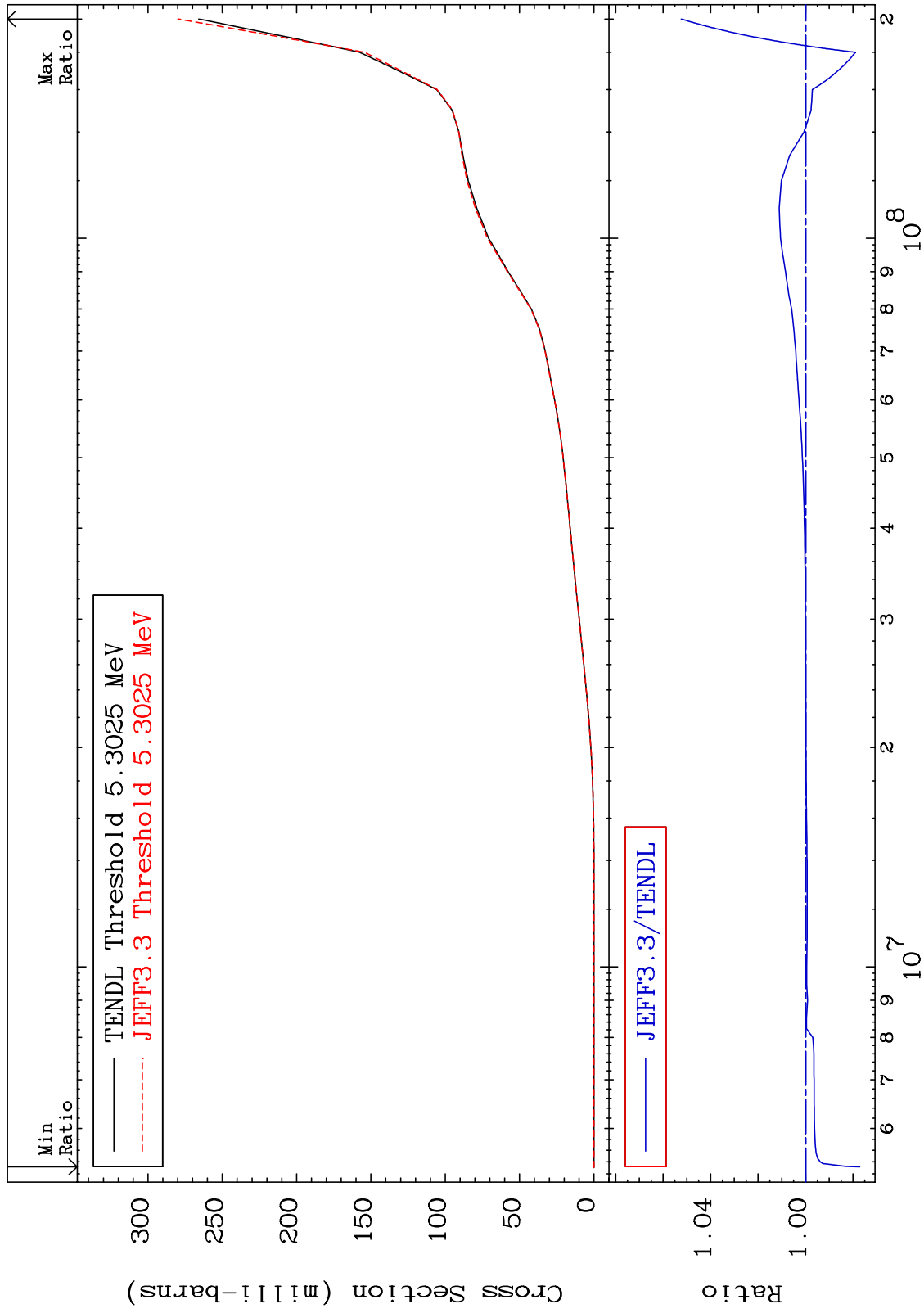
Incident Energy (eV)

68-Er-167

MAT 6840

Tritium Production  
Cross Section

68-Er-167  
-2.286 To 5.235 %



63

Incident Energy (eV)

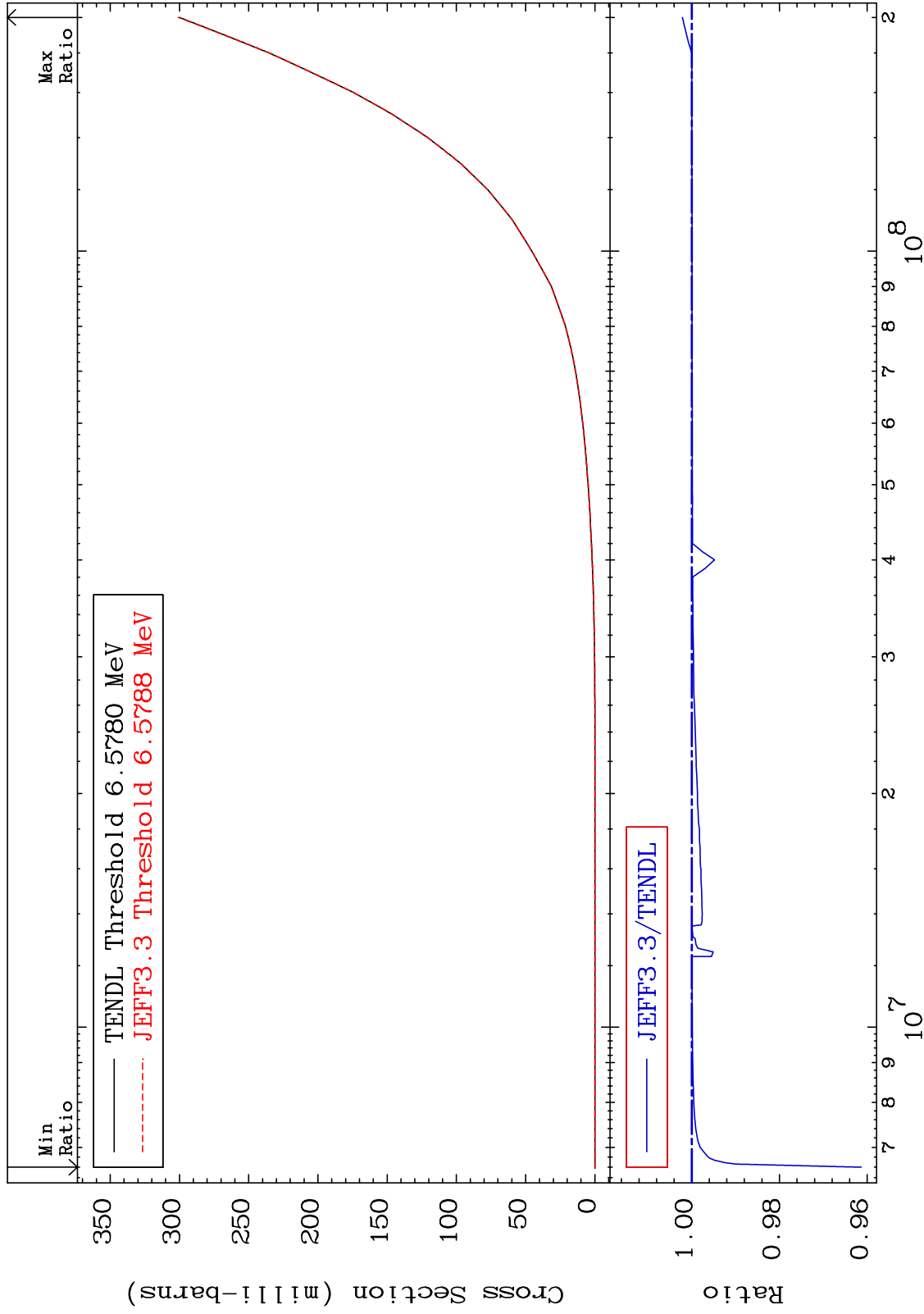
68-Er-167



MAT 6840

He-3 Production  
Cross Section

68-Er-167  
-3.864 To 0.210 %



64

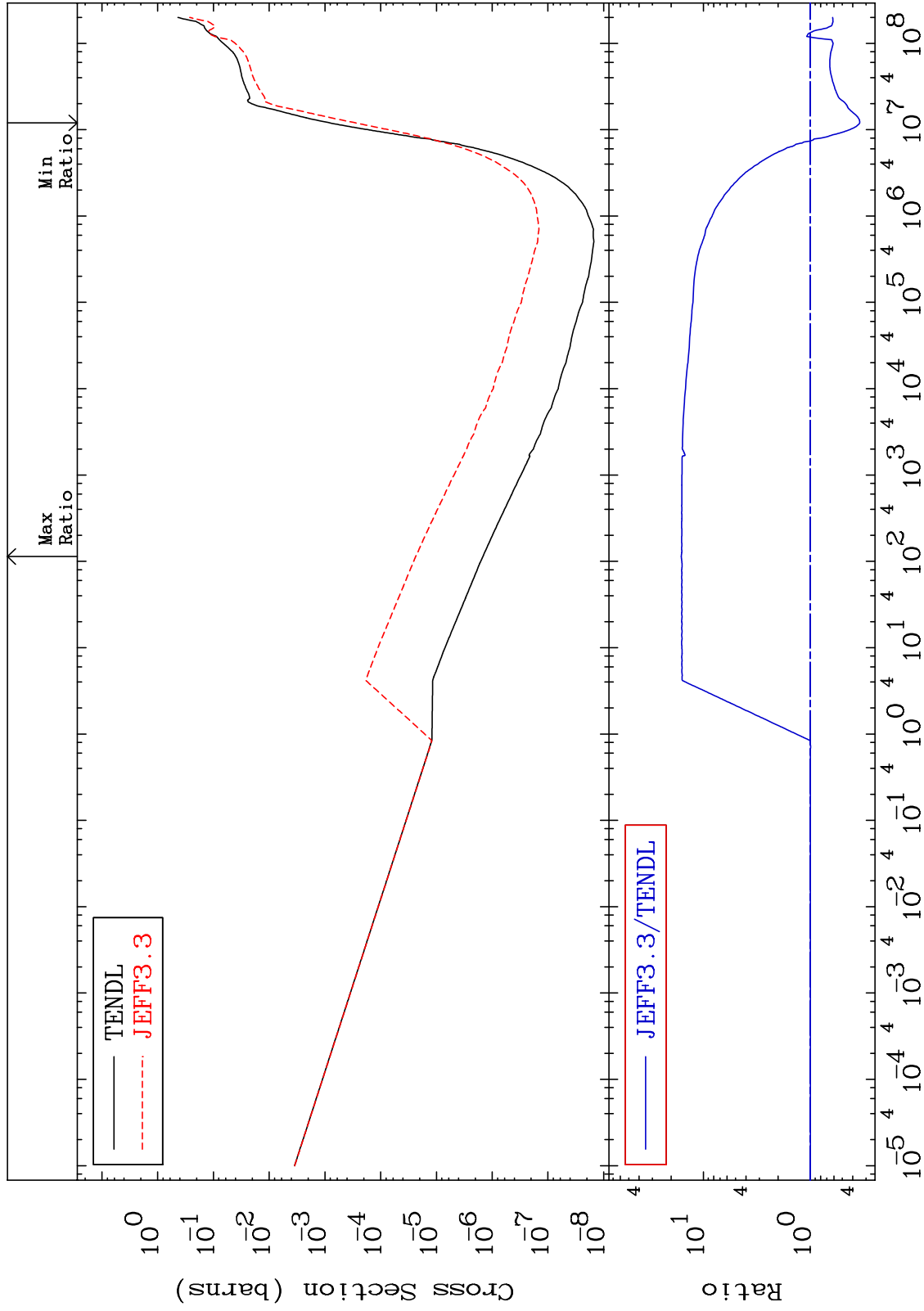
Incident Energy (eV)

68-Er-167

MAT 6840

He-4 Production  
Cross Section

68-Er-167  
-65.64 To 1512. %

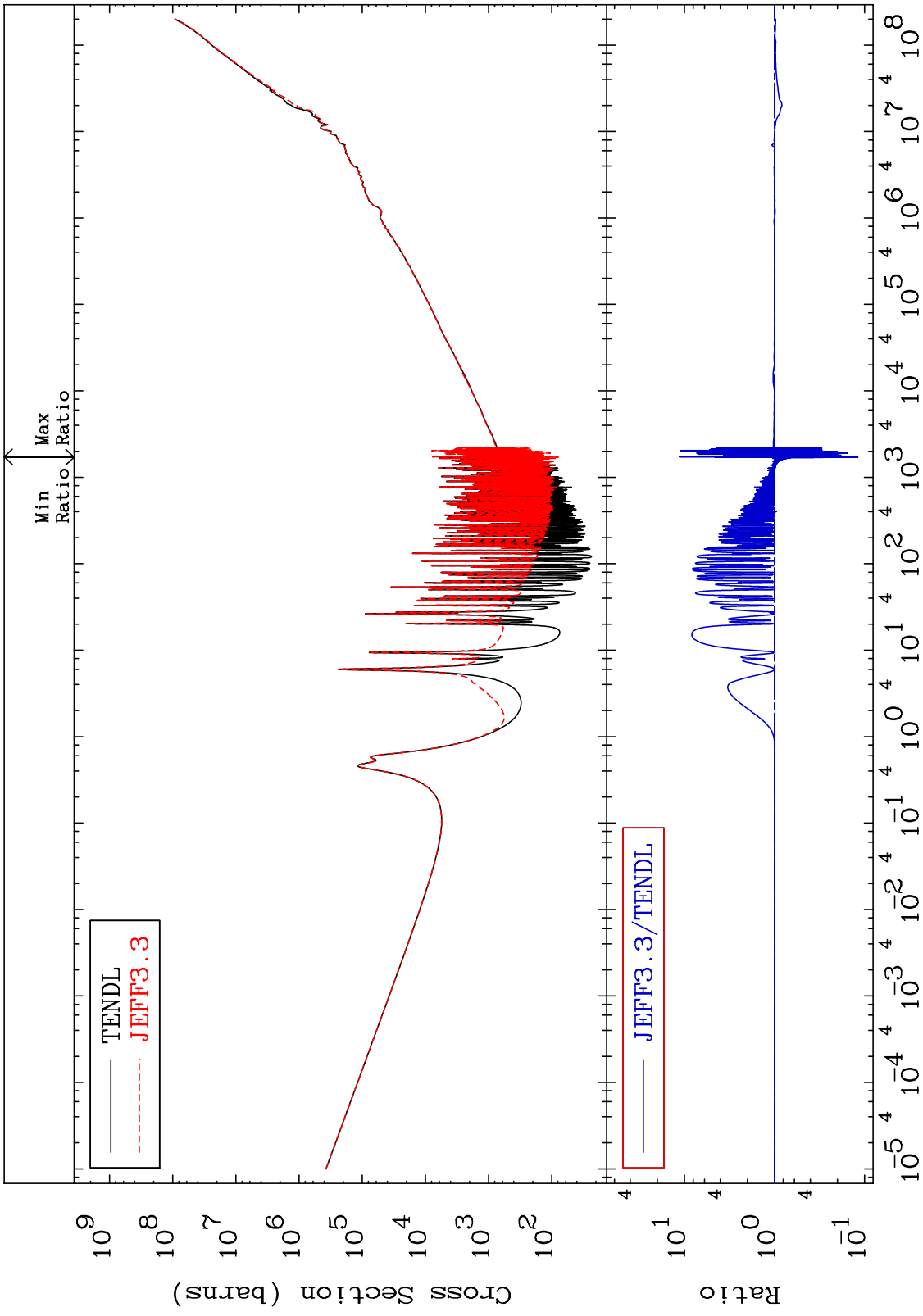


65

Incident Energy (eV)

68-Er-167

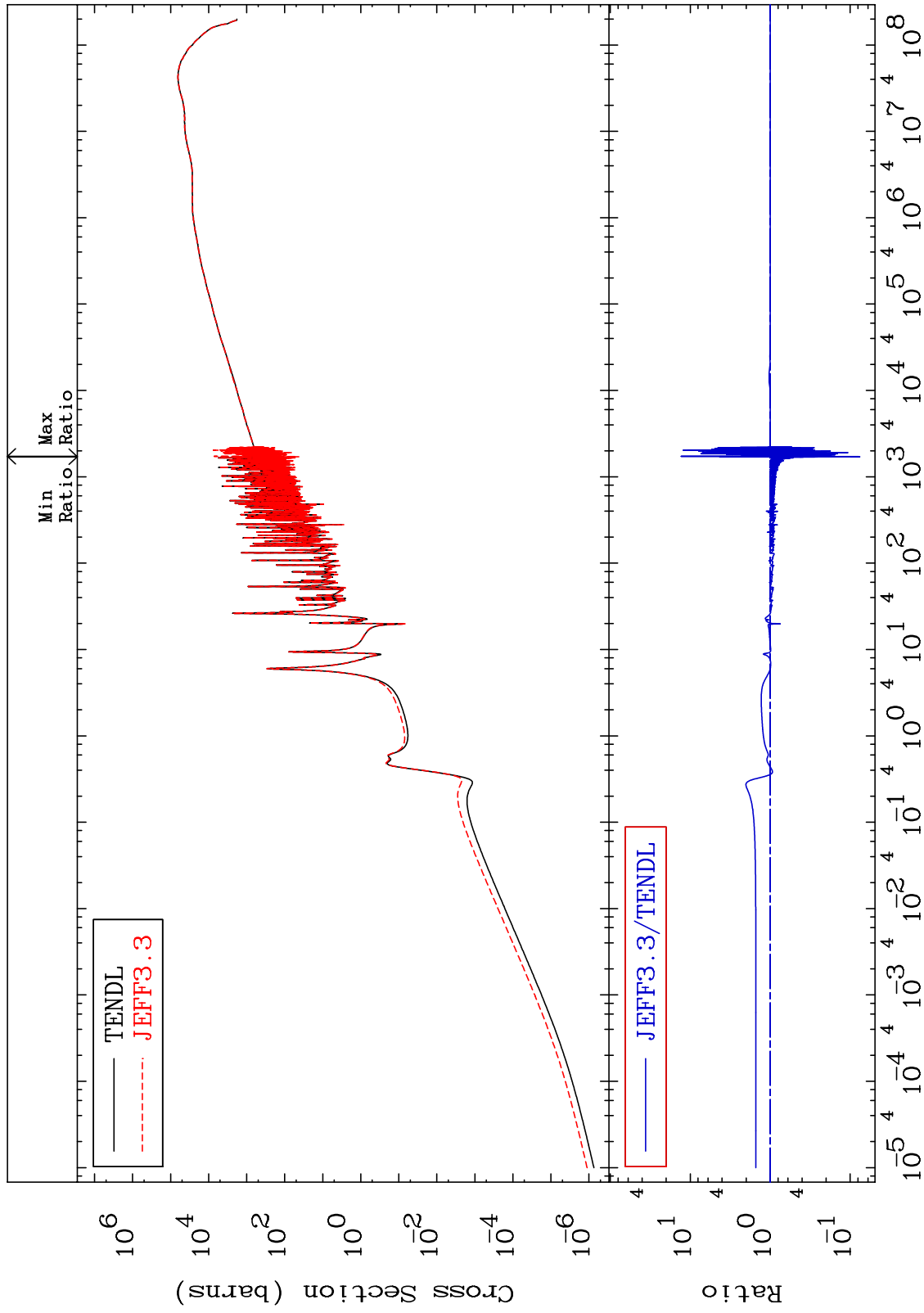
MAT 6840 Kerma total (eV-barns) 68-Er-167  
 Cross Section -88.13 To 1050. %



MAT 6840

Kerma elastic  
Cross Section

68-Er-167  
-92.41 To 1197. %



67

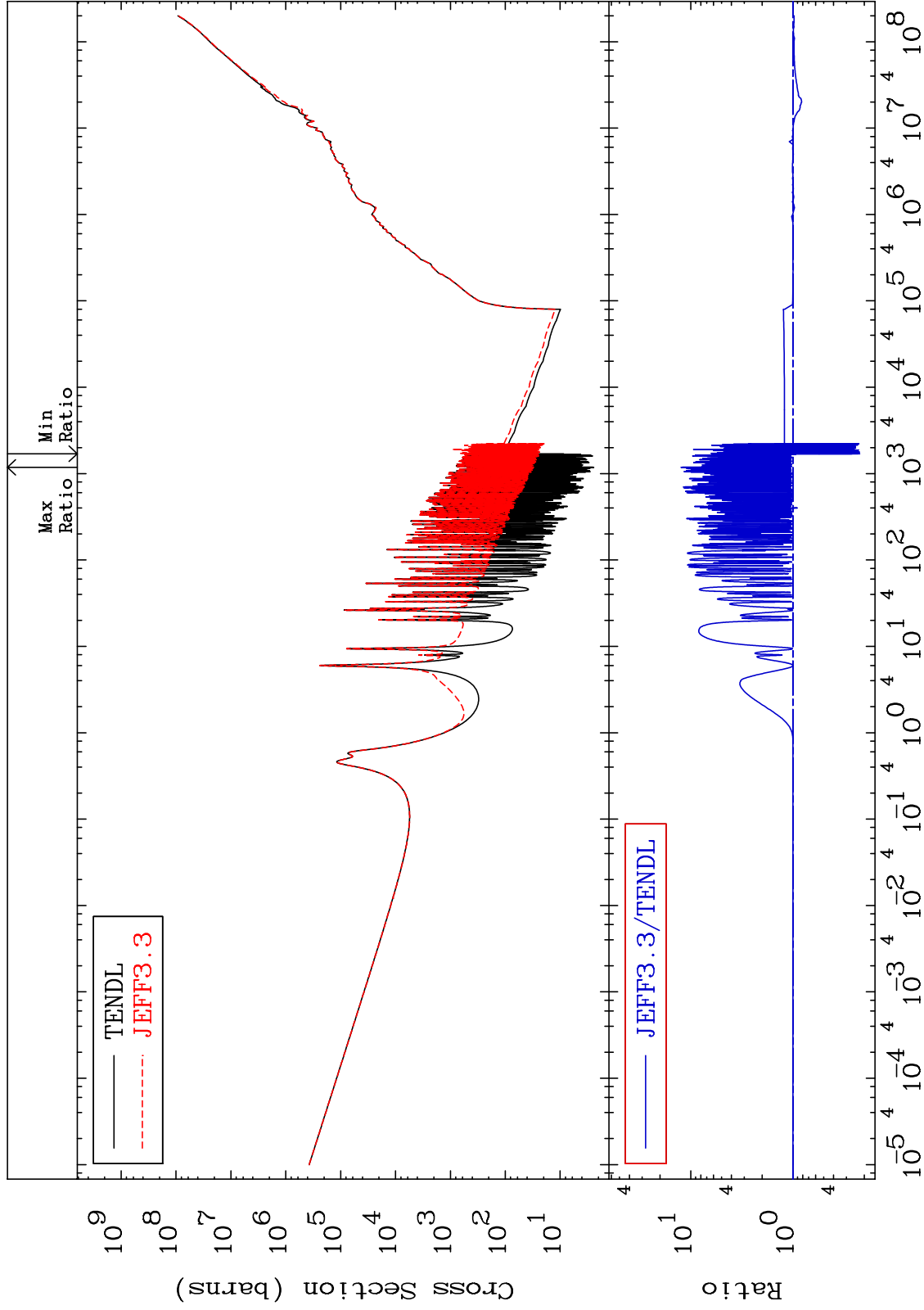
Incident Energy (eV)

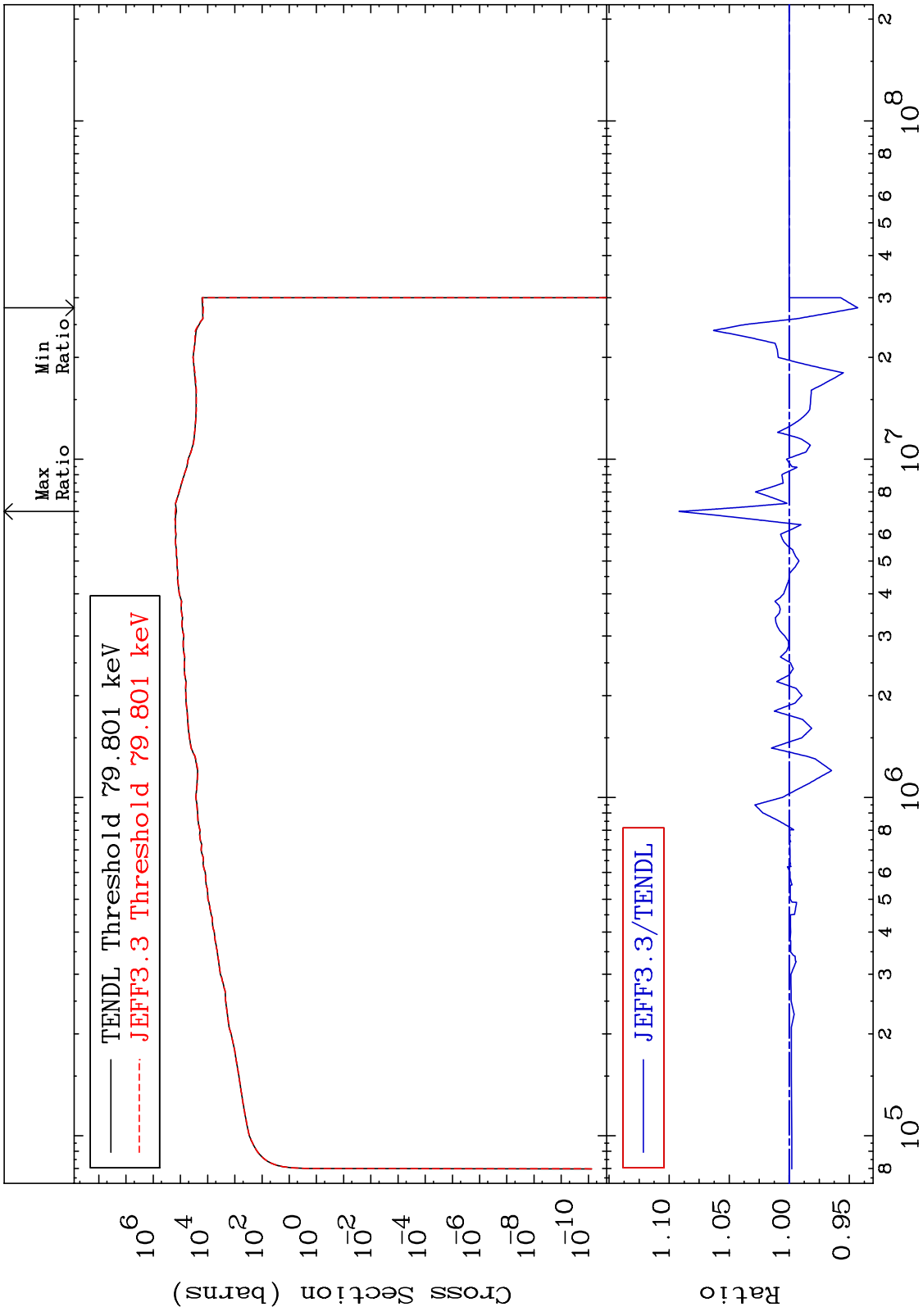
68-Er-167

MAT 6840

Kerma non-elastic (all but mt2)  
Cross Section

68-Er-167  
-77.86 To 1142. %

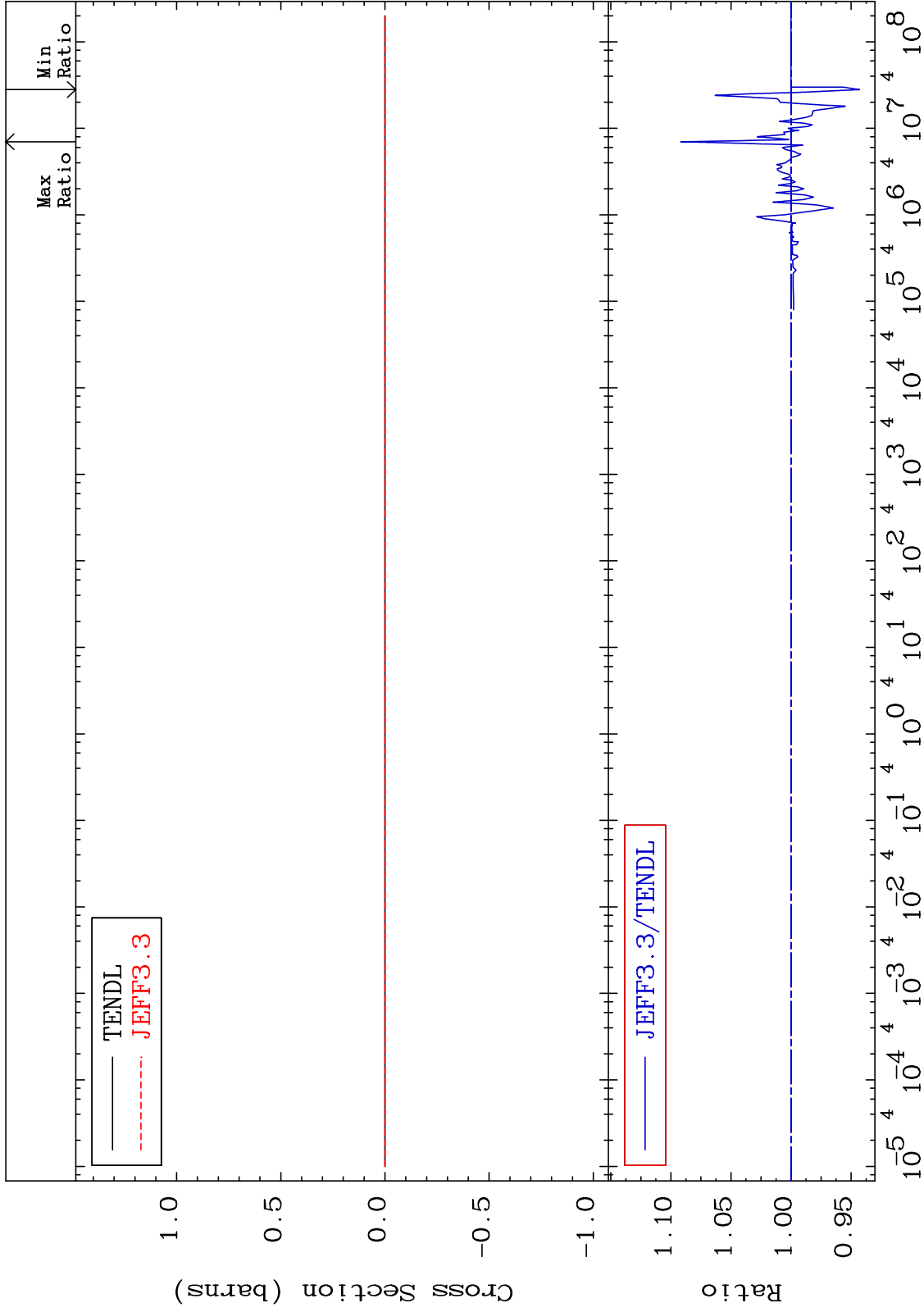




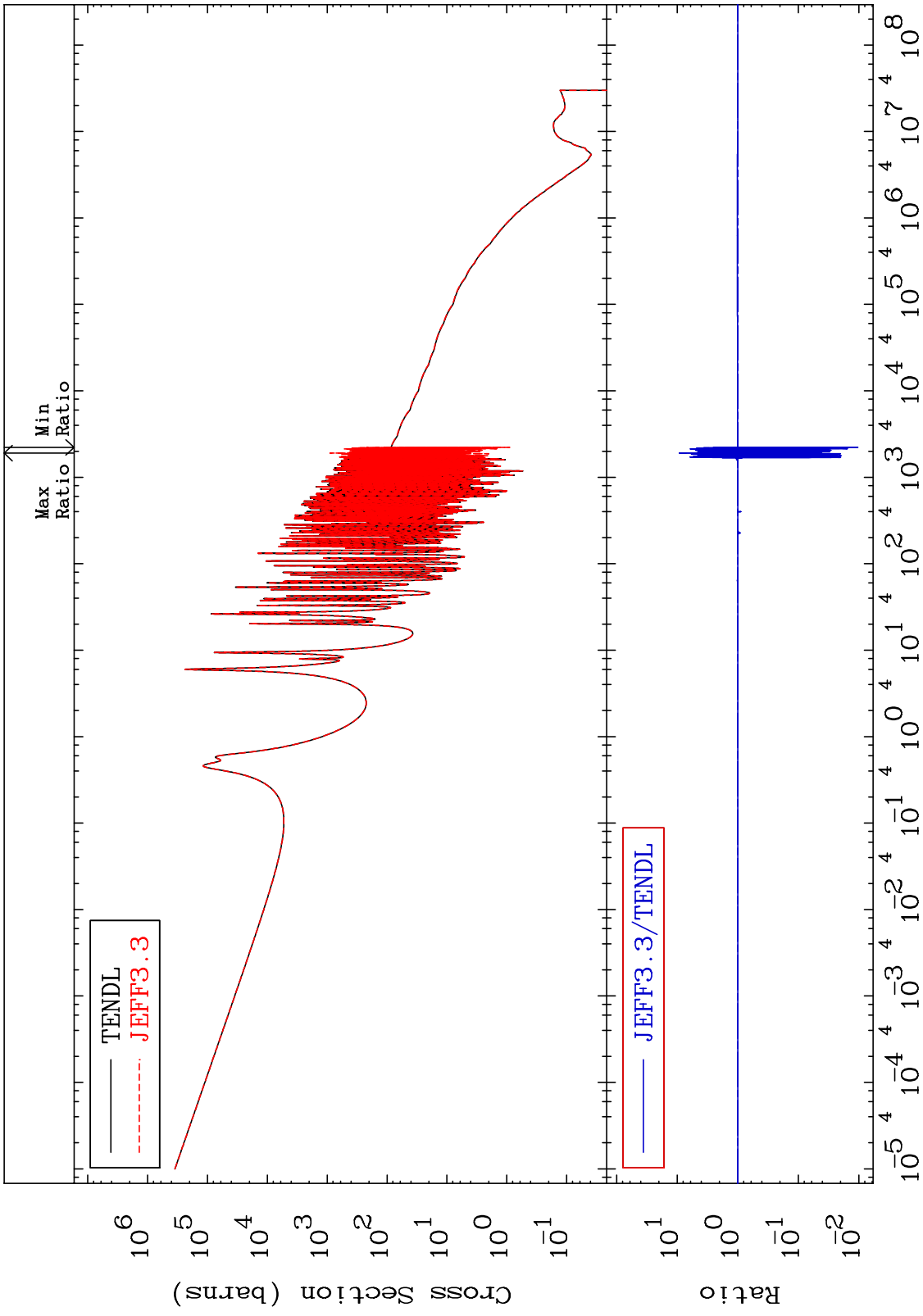
MAT 6840

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

68-Er-167  
-5.711 To 9.178 %

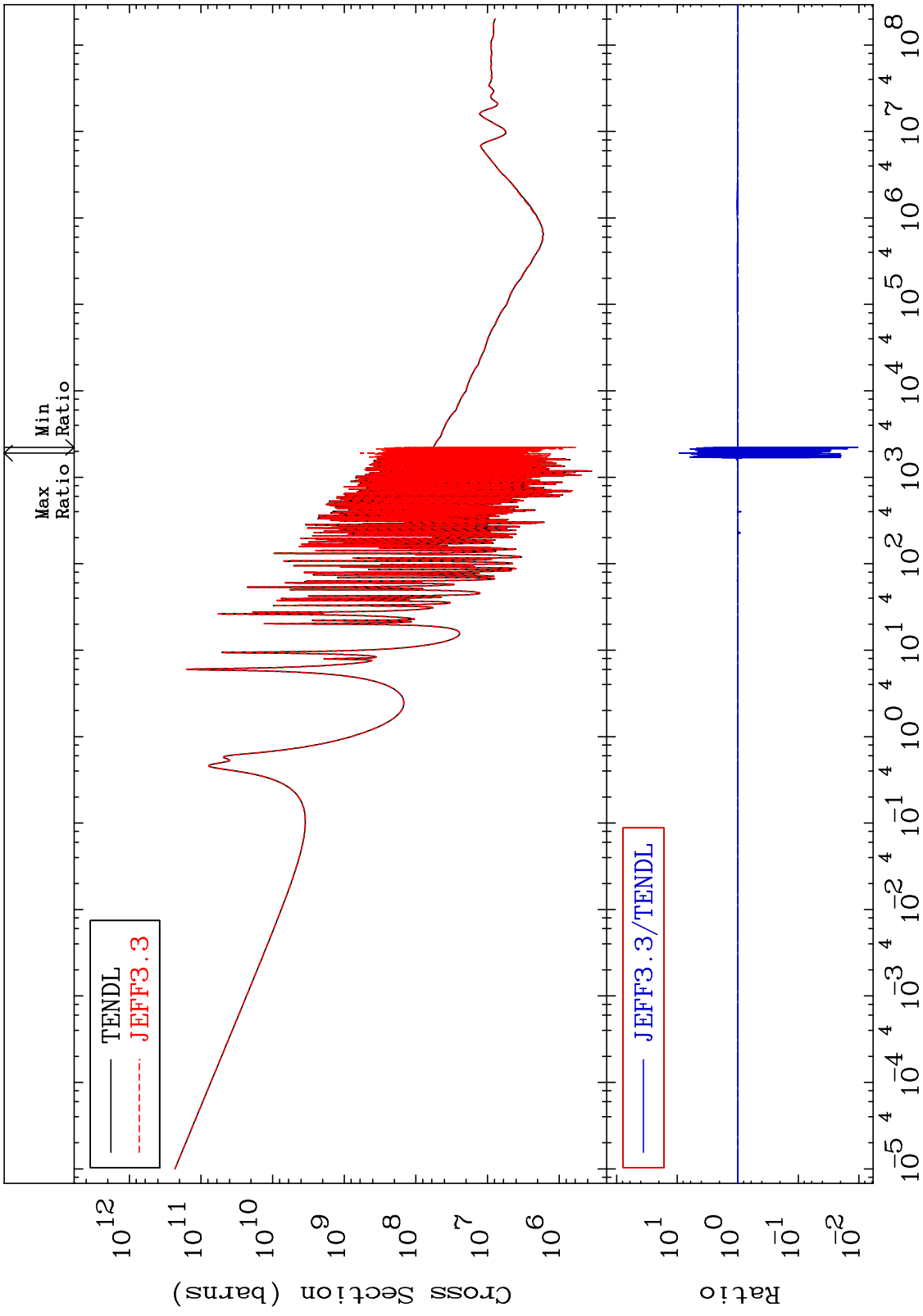


MAT 6840      Kerma capture (mt102)      68-Er-167  
 Cross Section      -98.96 To 832.1 %

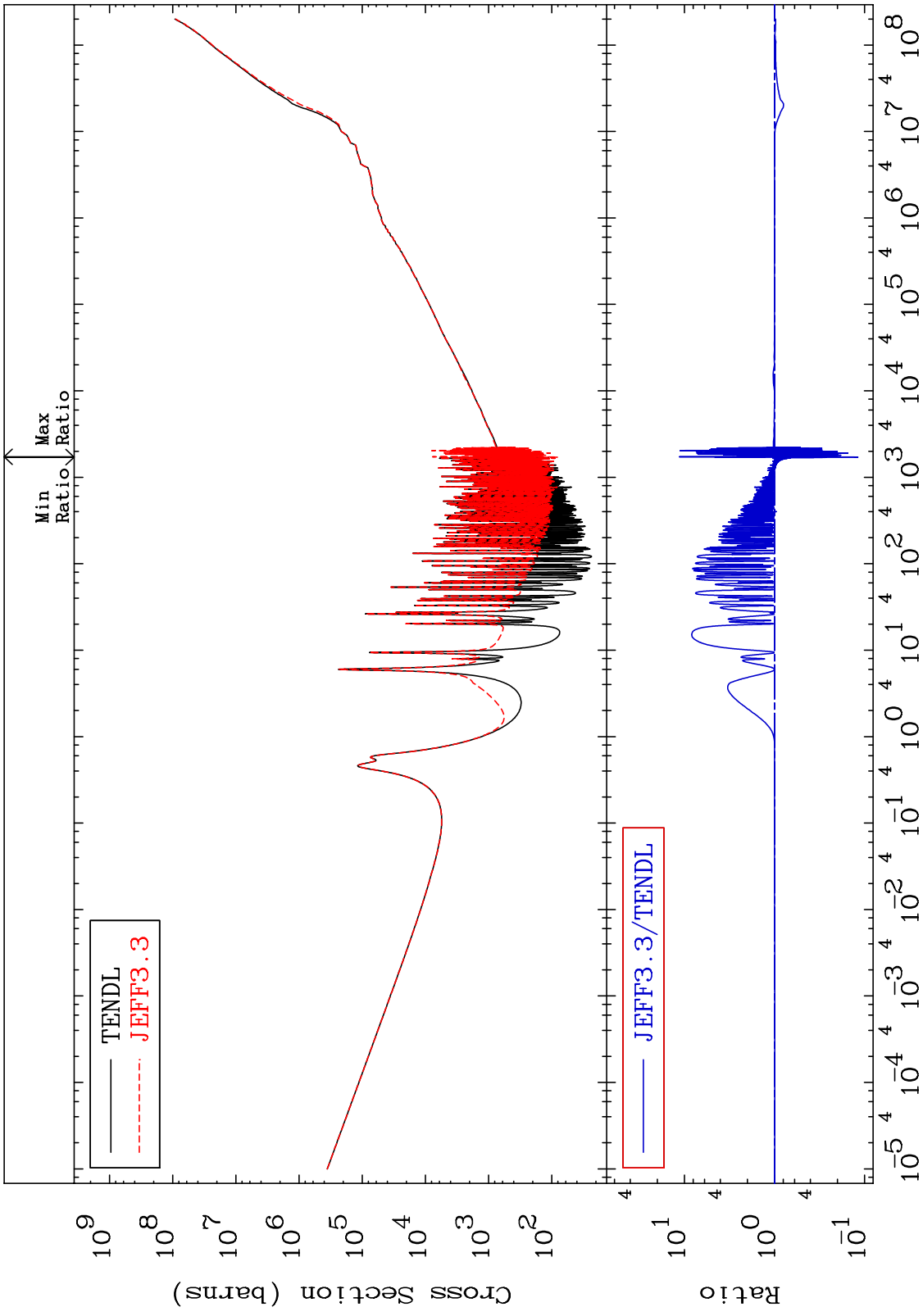




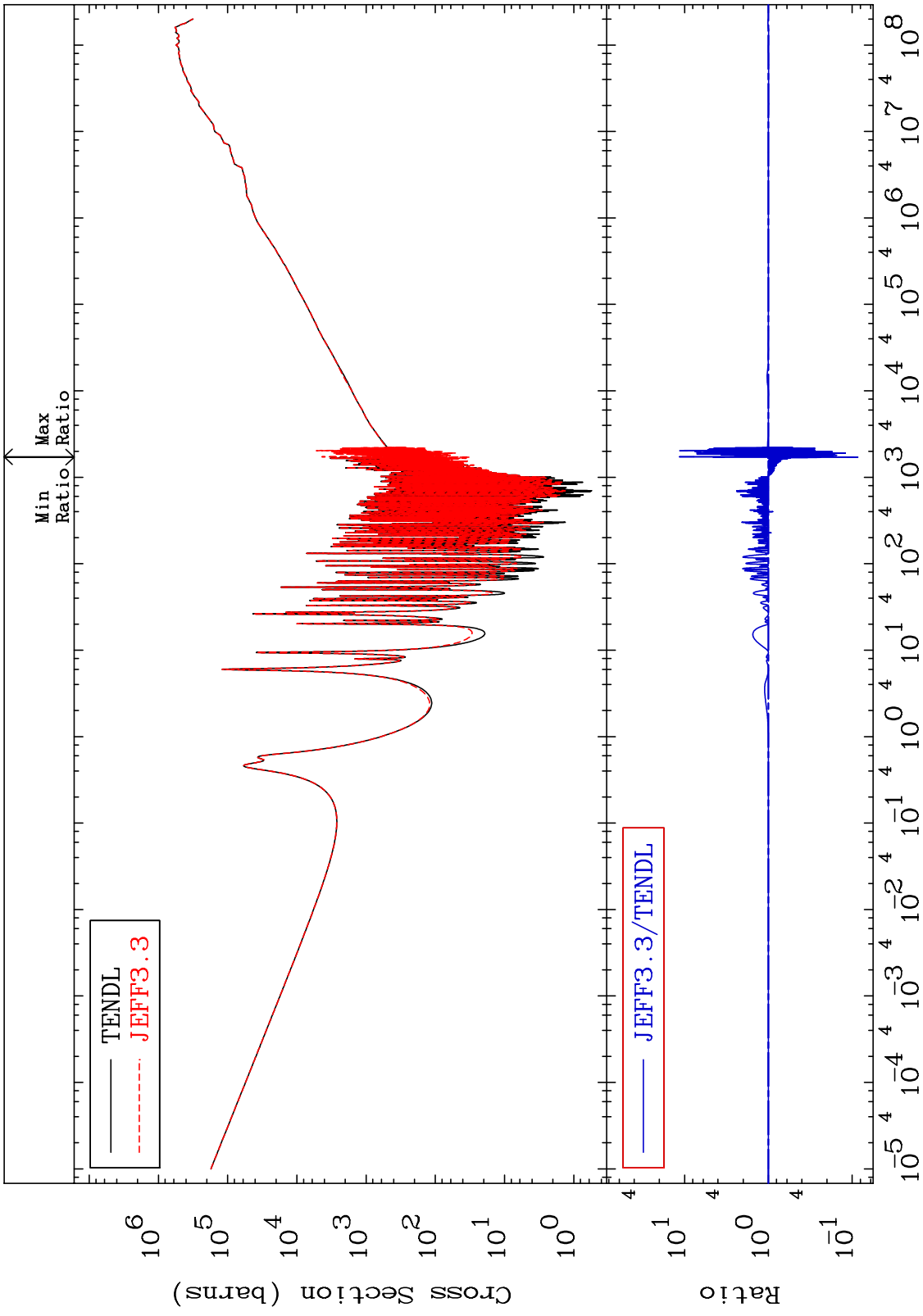
MAT 6840 Total photon (eV-barns) Cross Section 68-Er-167 -98.96 To 832.1 %



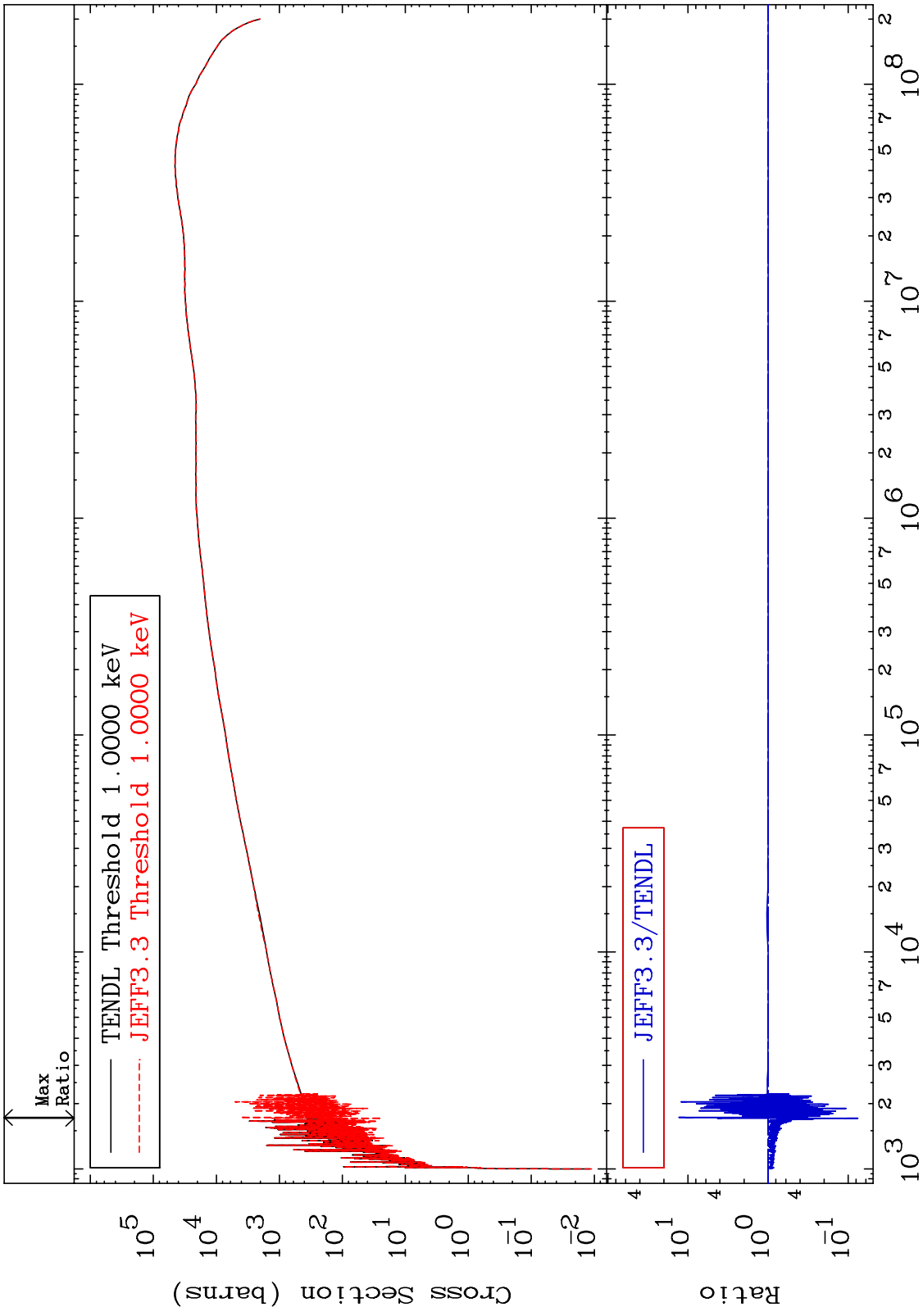
MAT 6840 Total kinematic kerma (high limit) 68-Er-167  
 Cross Section -88.11 To 1050. %



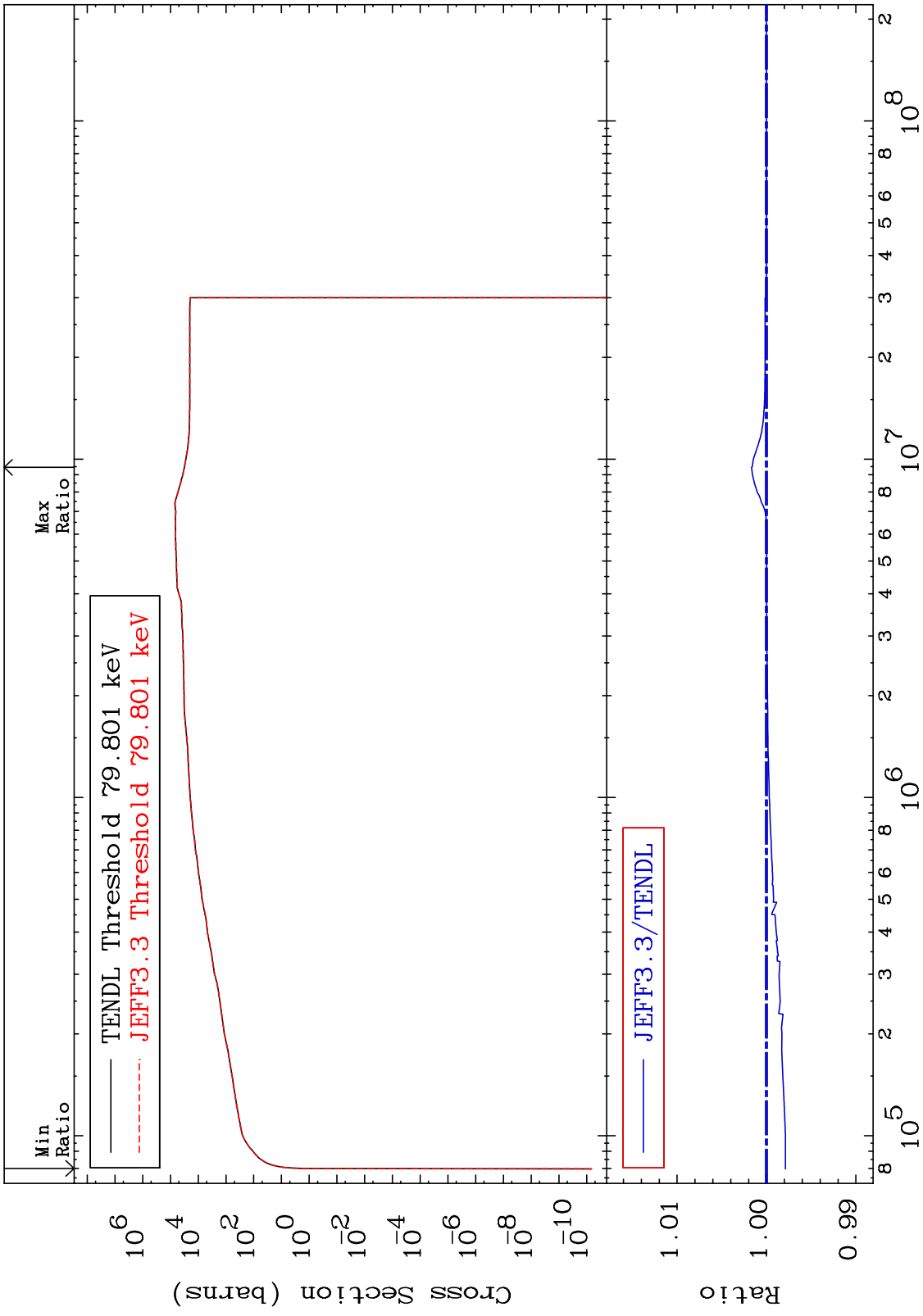
MAT 6840      Dpa total (eV-barns)      68-Er-167  
 Cross Section      -91.43 To 1064. %



MAT 6840      Dpa elastic (mt2)      68-Er-167  
Cross Section      -92.42 To 1195. %



MAT 6840      Dpa inelastic (mt51-91)      68-Er-167  
 Cross Section      -0.212 To 0.168 %

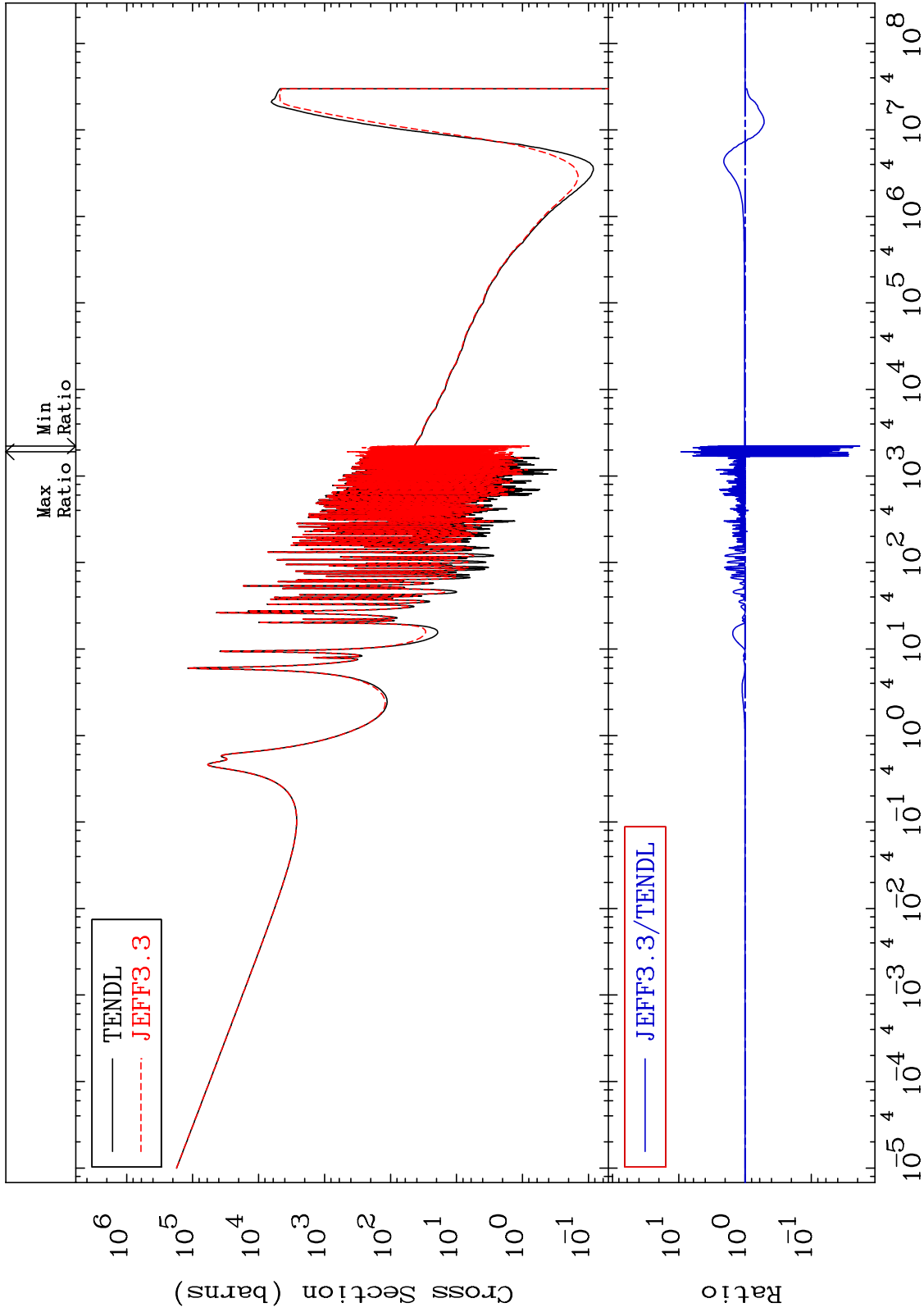


76      Incident Energy (eV)      68-Er-167

MAT 6840

Dpa disappearance (mt102 -120)  
Cross Section

68-Er-167  
-98.13 To 832.4 %

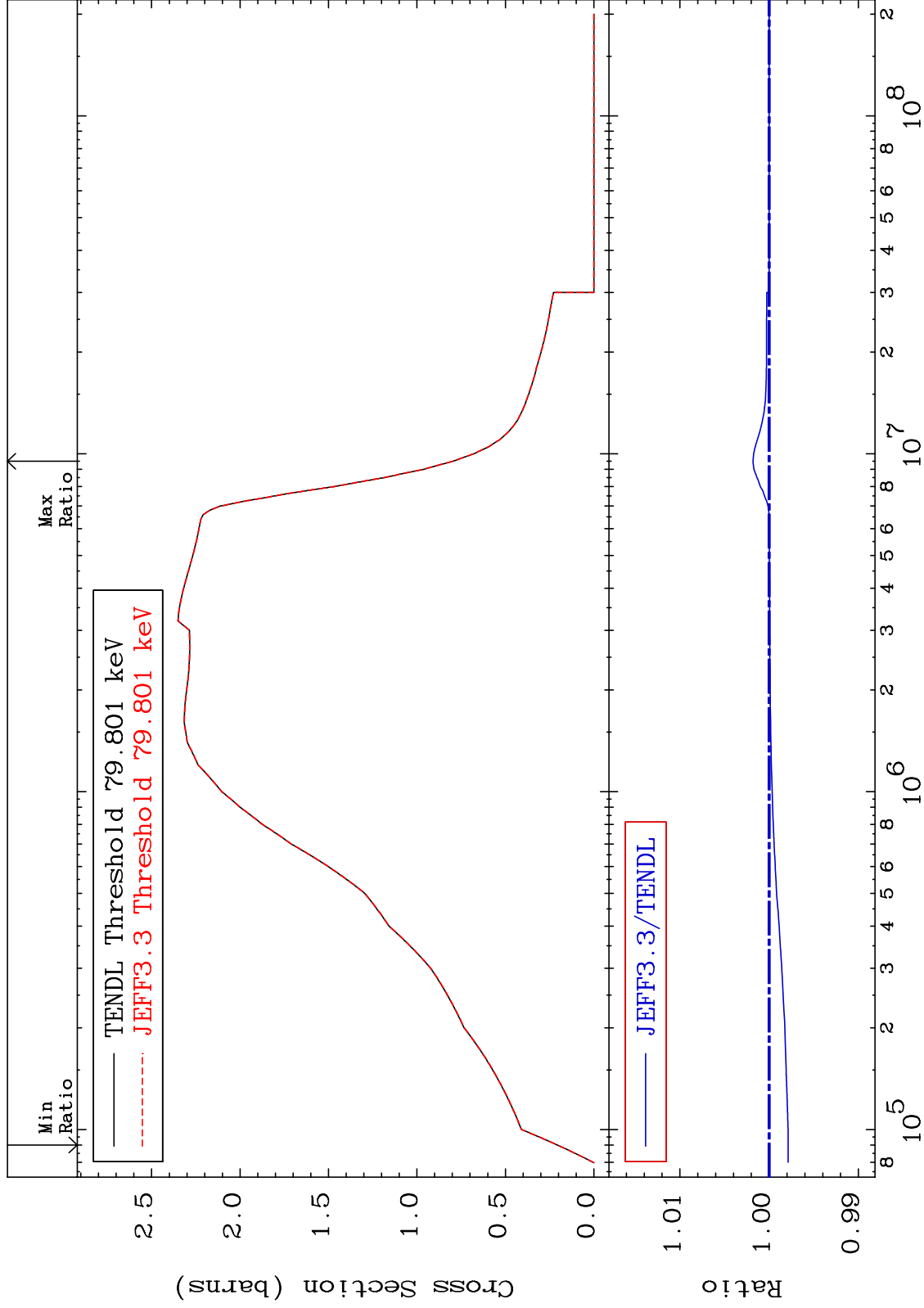


MAT 6840

Inelastic:68-Er-167g

68-Er-167

Radionuclide Production Cross Section -0.212 To 0.182 %

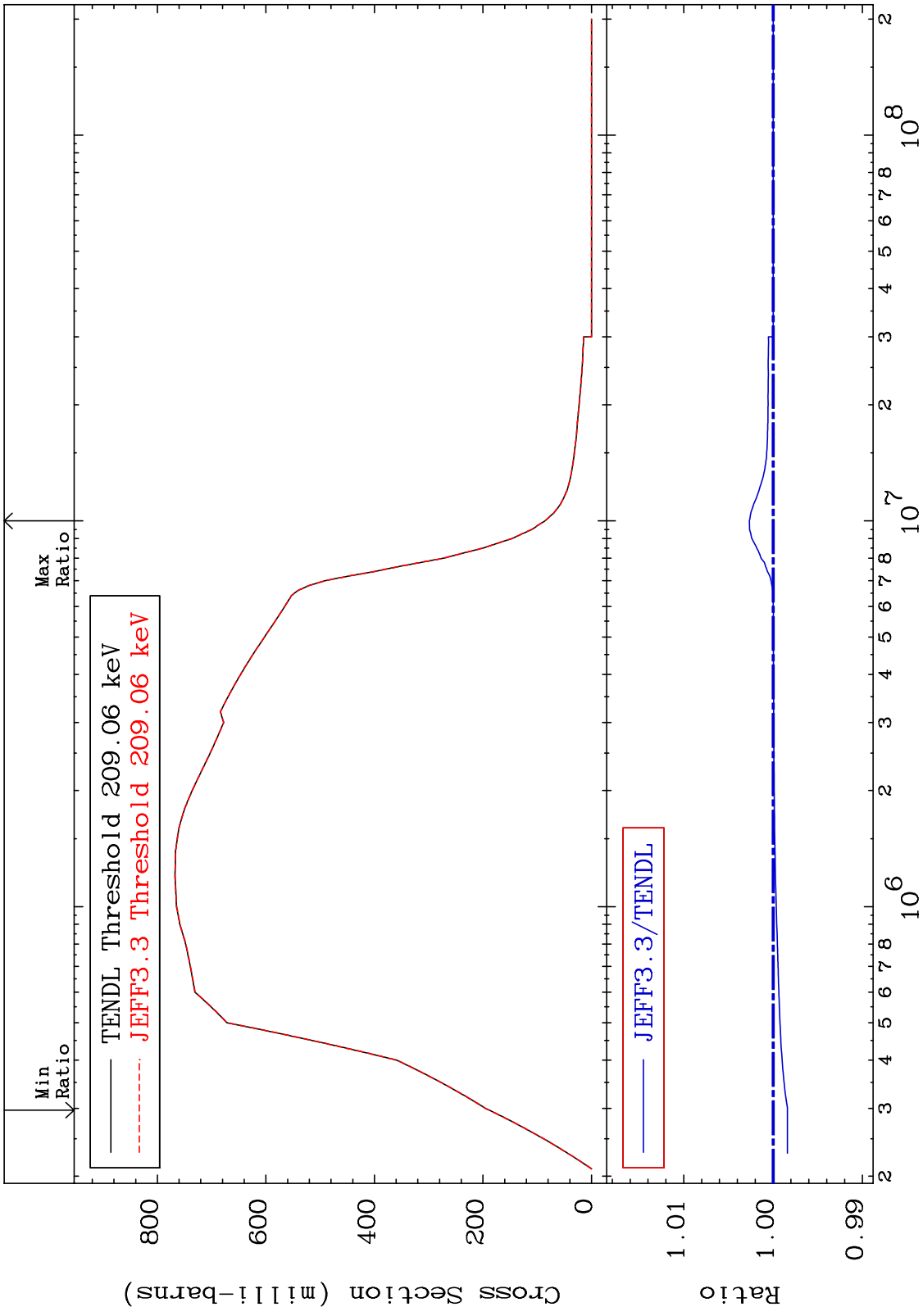


78

Incident Energy (eV)

68-Er-167

MAT 6840 Inelastic:68-Er-167m3 68-Er-167  
 Radionuclide Production Cross Section -0.161 To 0.265 %



79 68-Er-167

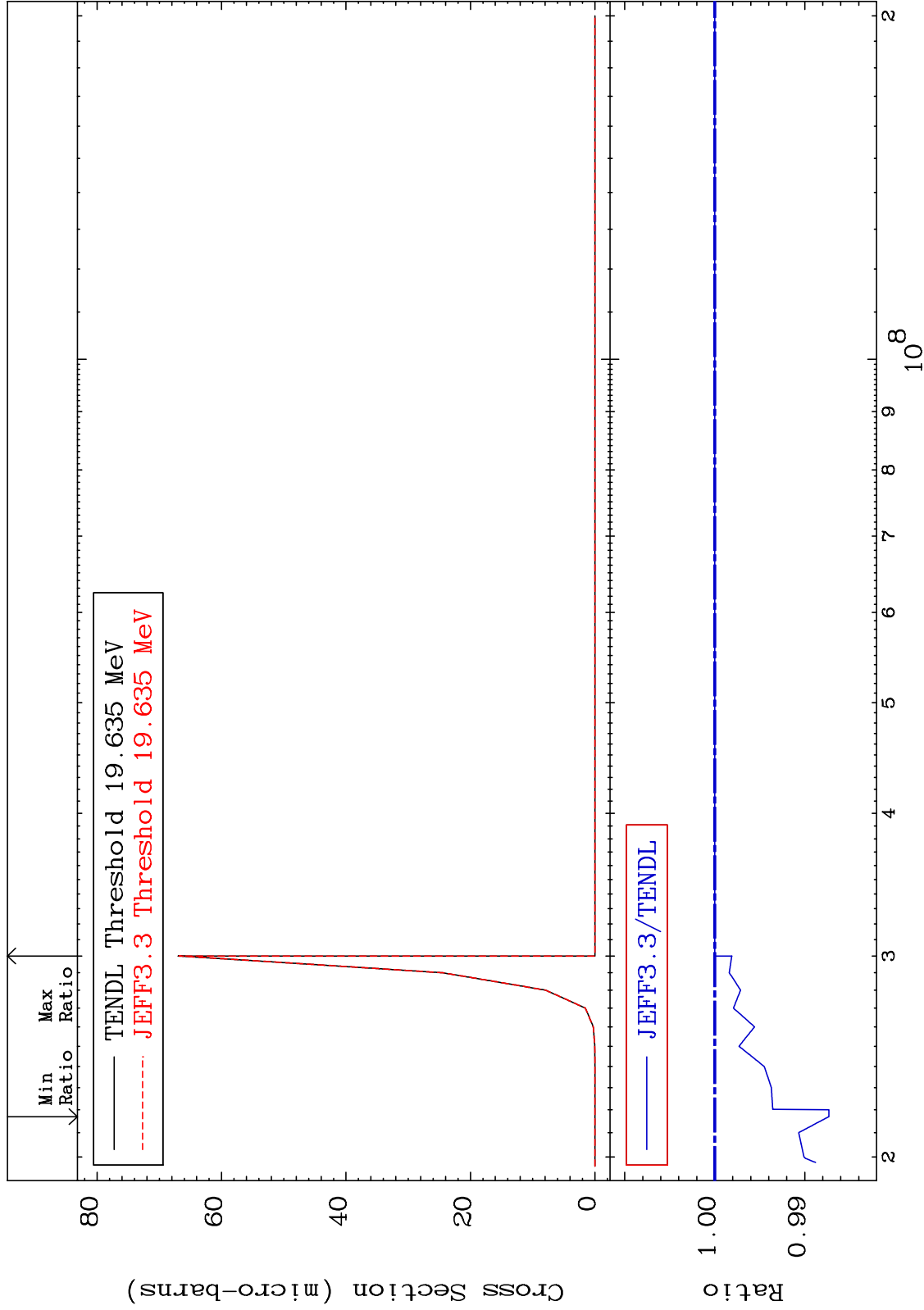


MAT 6840

(n,2n) d:67-Ho-164g

68-Er-167

Radionuclide Production Cross Section -1.269 To 0.000 %



80

Incident Energy (eV)

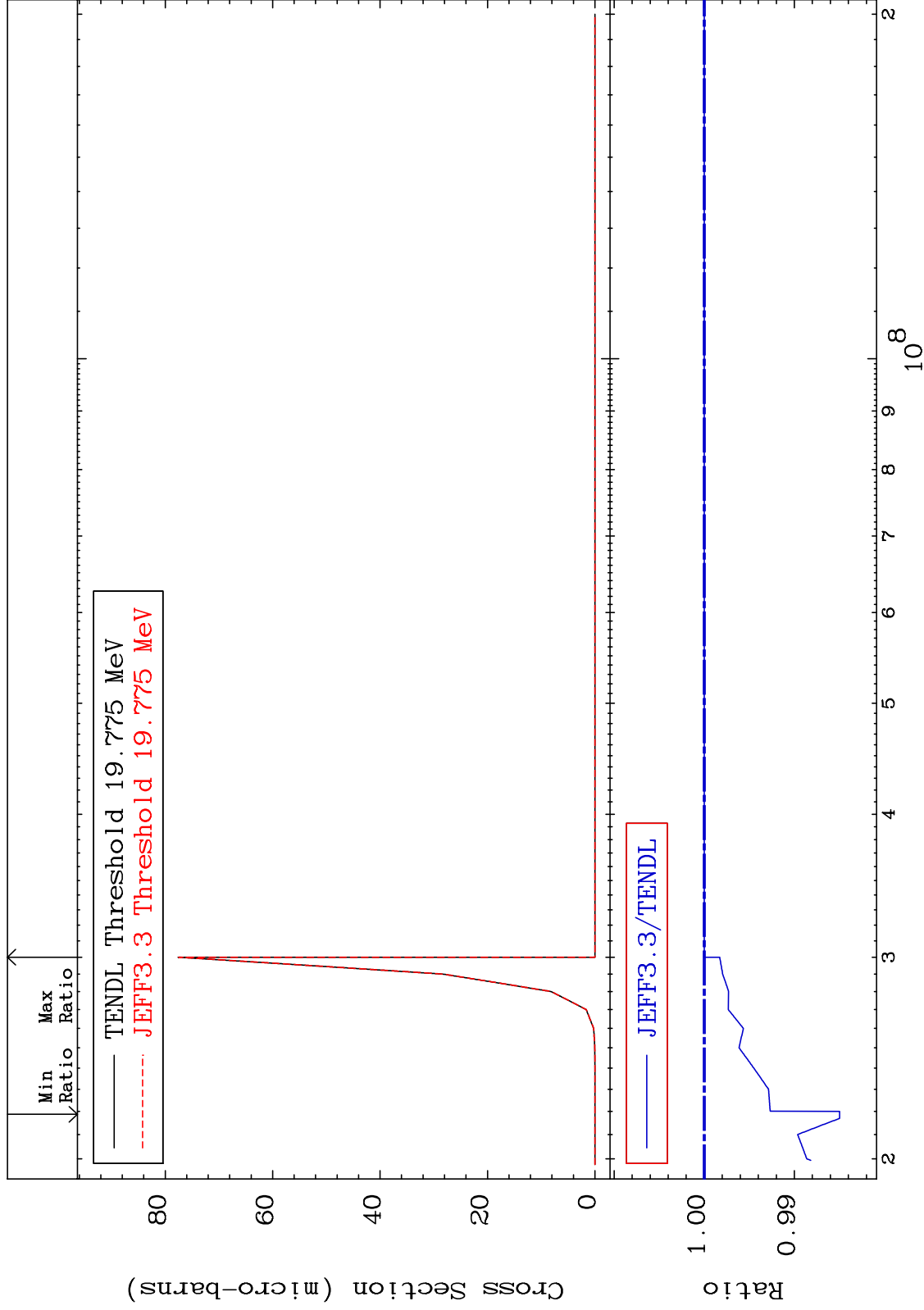
68-Er-167

MAT 6840

(n,2n) d:67-Ho-164m3

68-Er-167

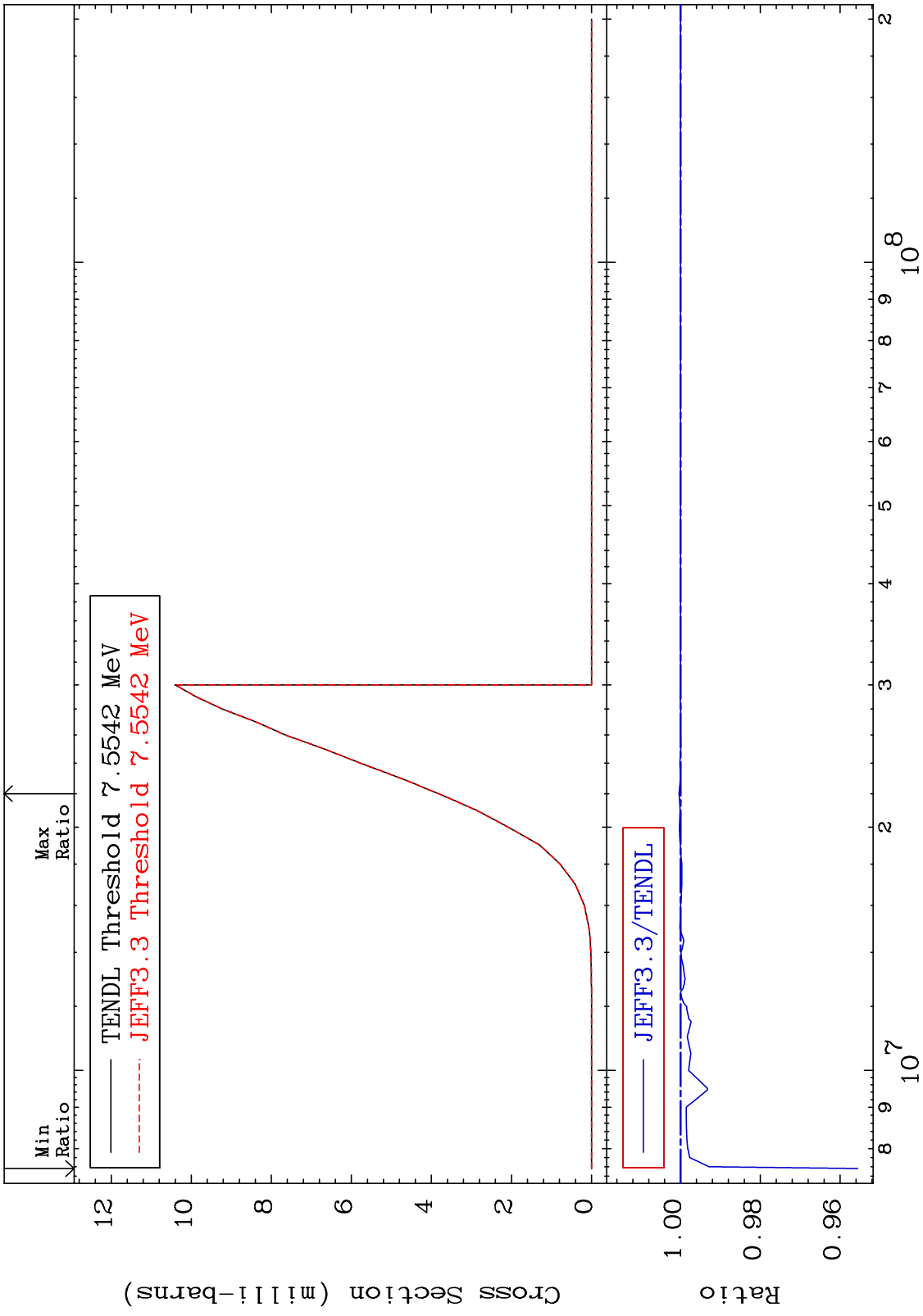
Radionuclide Production Cross Section -1.502 To 0.000 %

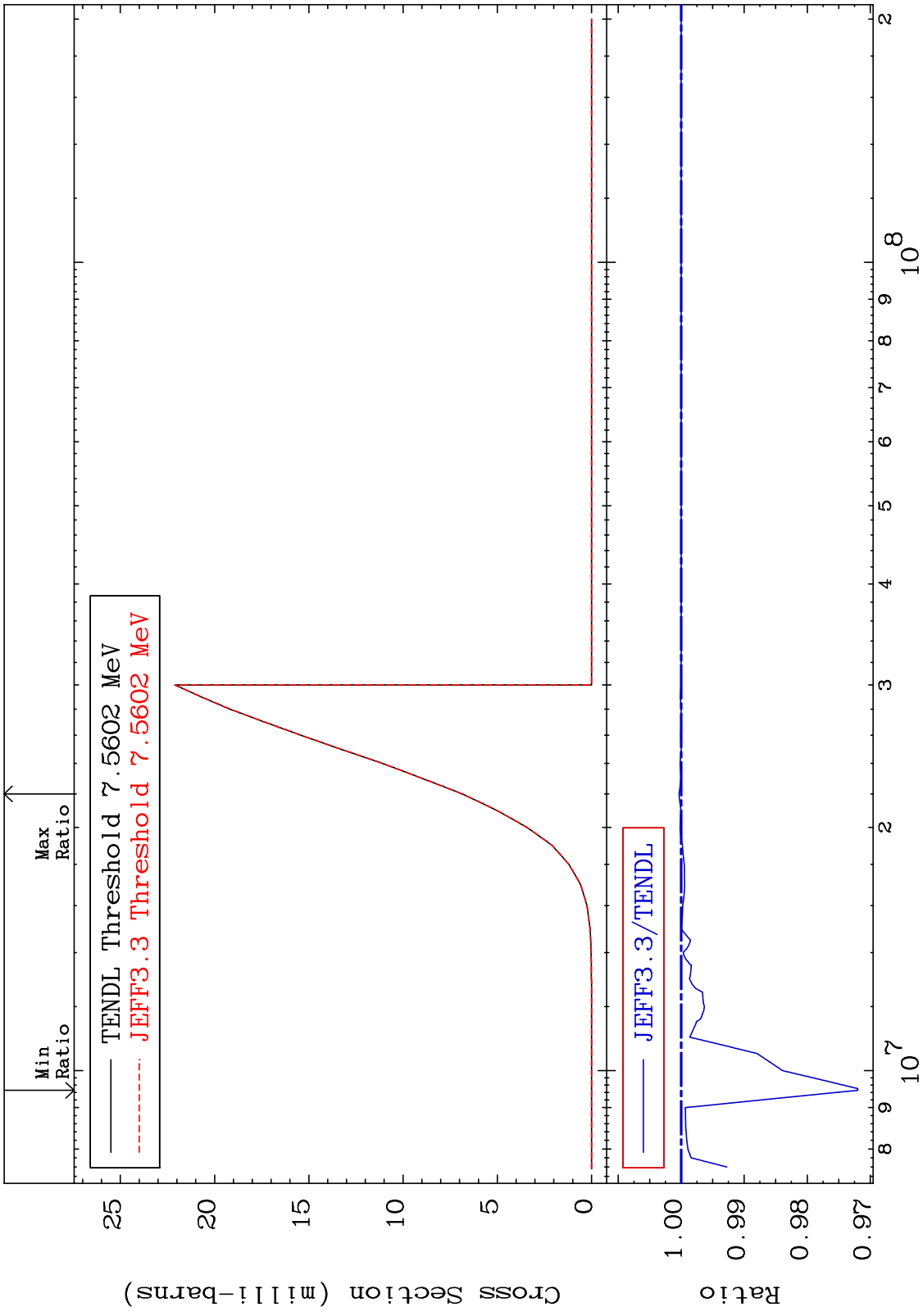


81

Incident Energy (eV)

68-Er-167



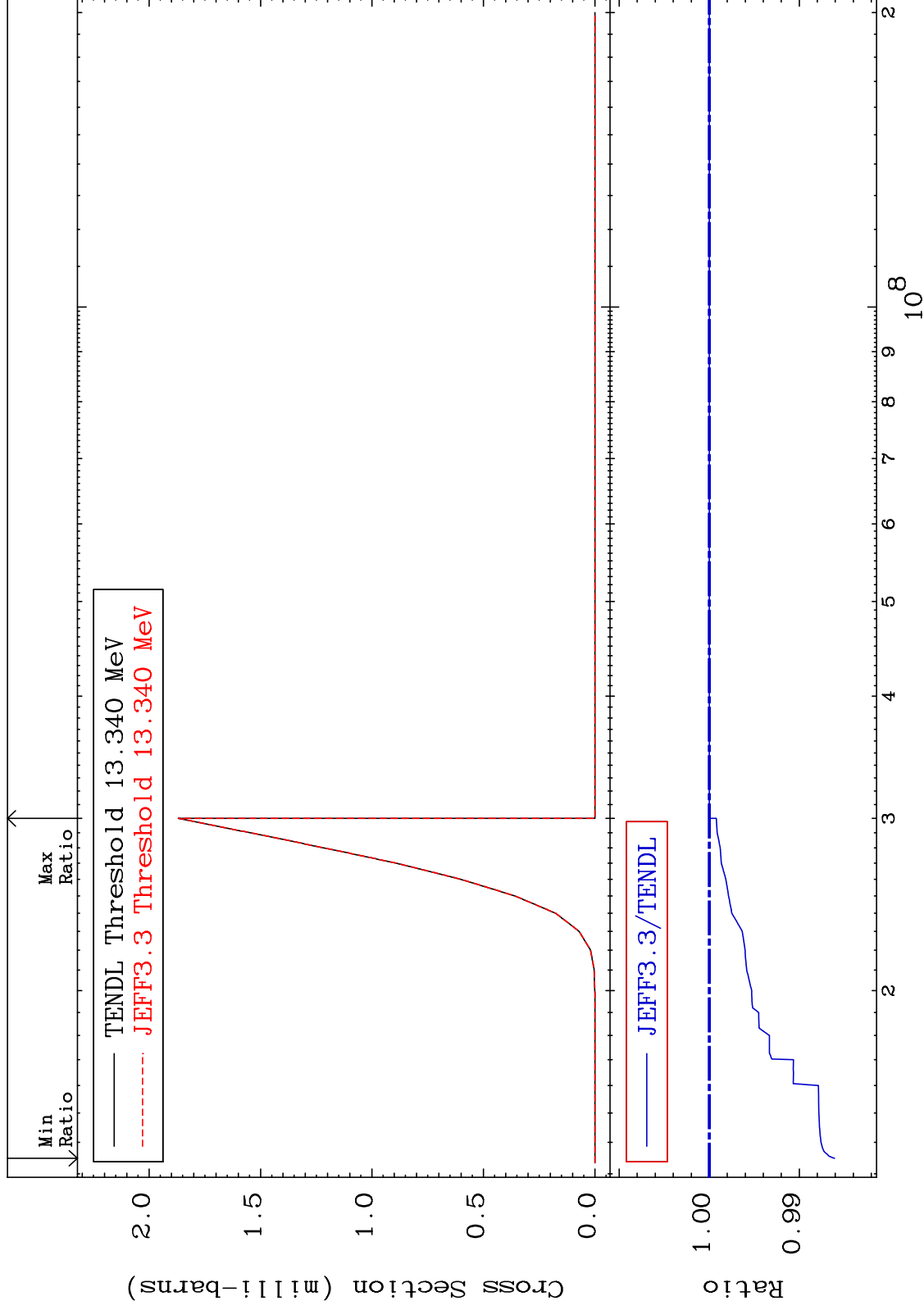


MAT 6840

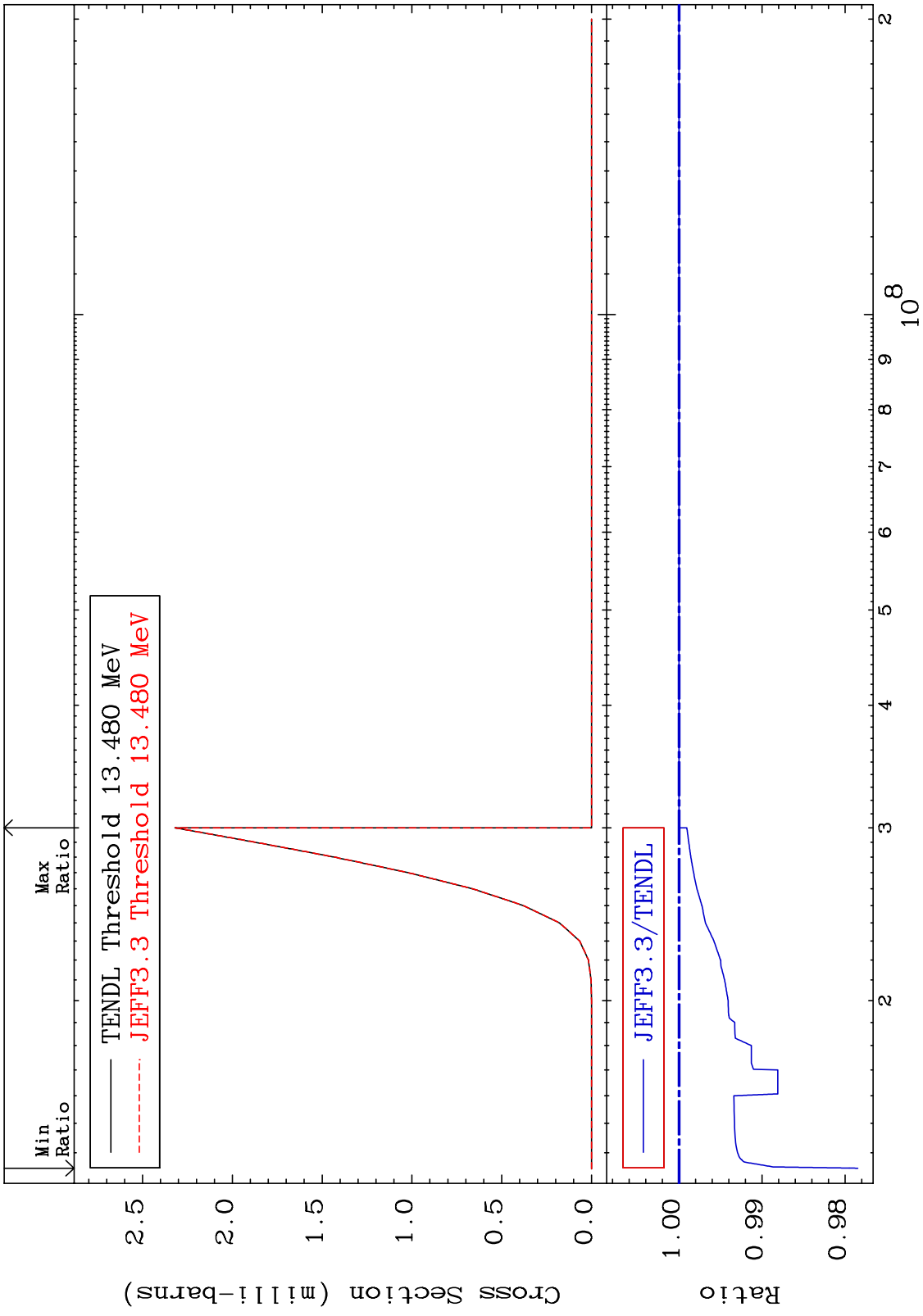
(n, n') t:67-Ho-164g

68-Er-167

Radionuclide Production Cross Section -1.391 To 0.000 %



MAT 6840 (n,n') t:67-Ho-164m3 68-Er-167  
 Radionuclide Production Cross Section -2.152 To 0.000 %

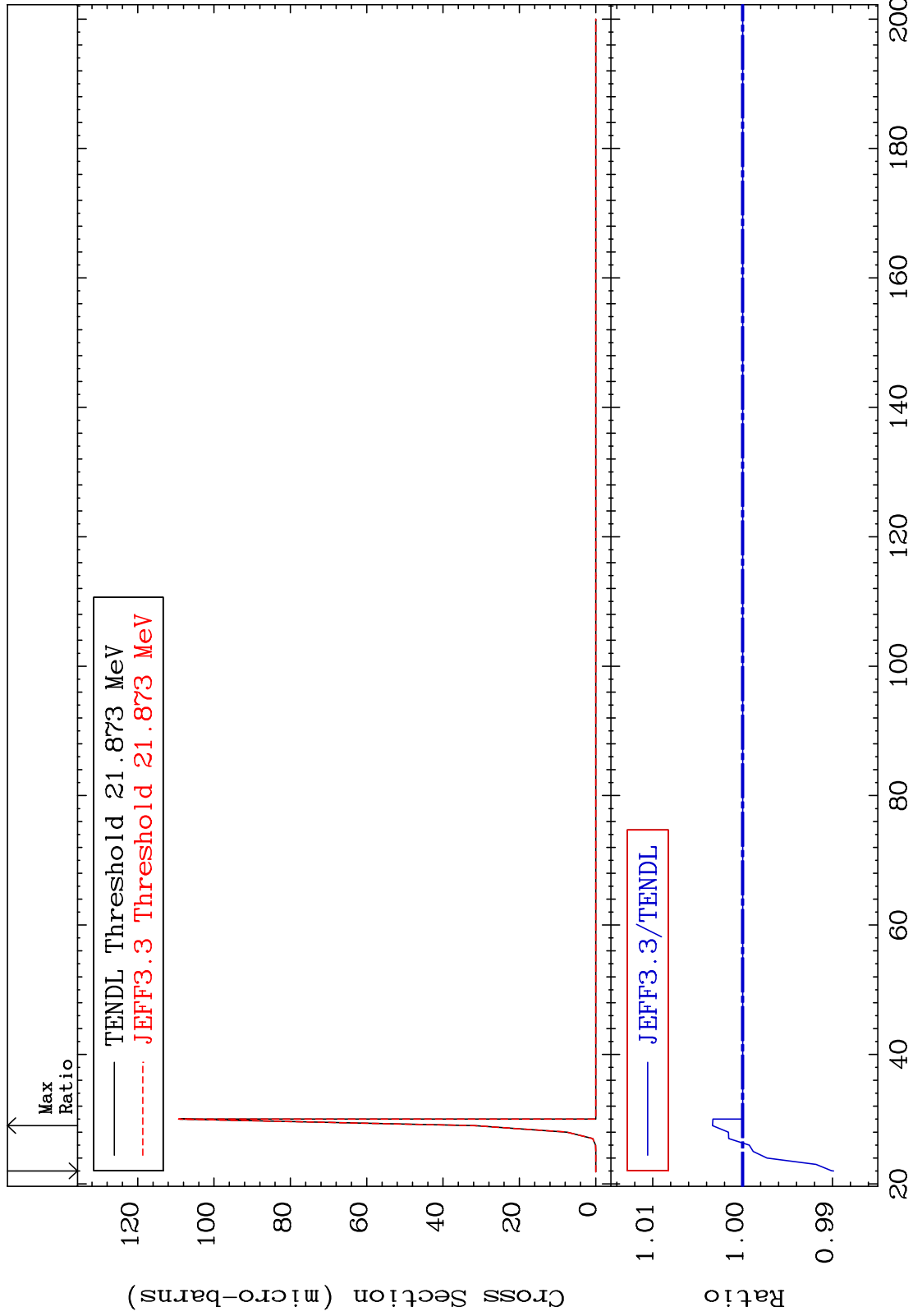


MAT 6840

(n,3n) p:67-Ho-164g

68-Er-167

Radionuclide Production Cross Section -1.012 To 0.336 %

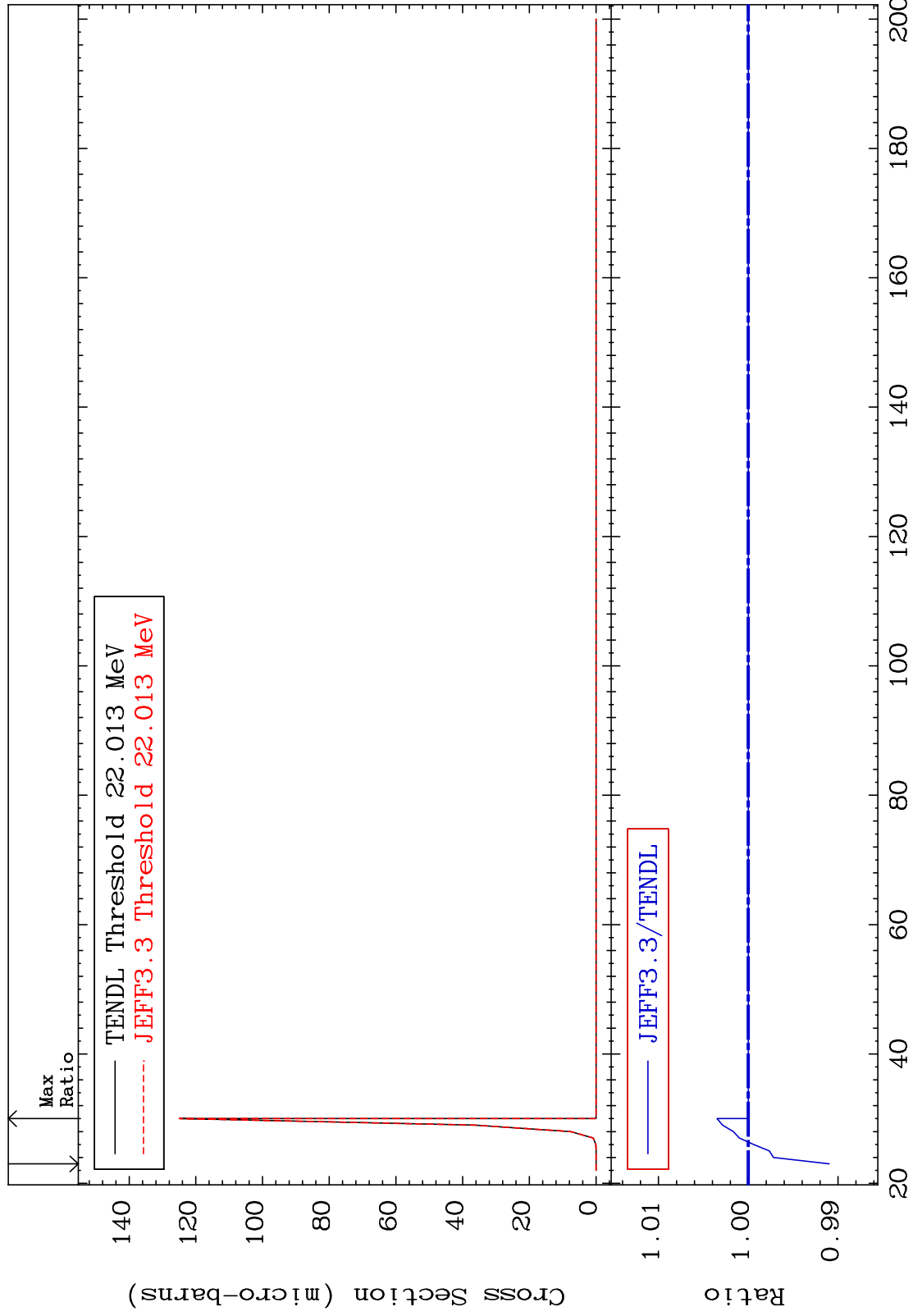


MAT 6840

(n,3n) p:67-Ho-164m3

68-Er-167

Radionuclide Production Cross Section -0.903 To 0.348 %



87

Incident Energy (MeV)

68-Er-167

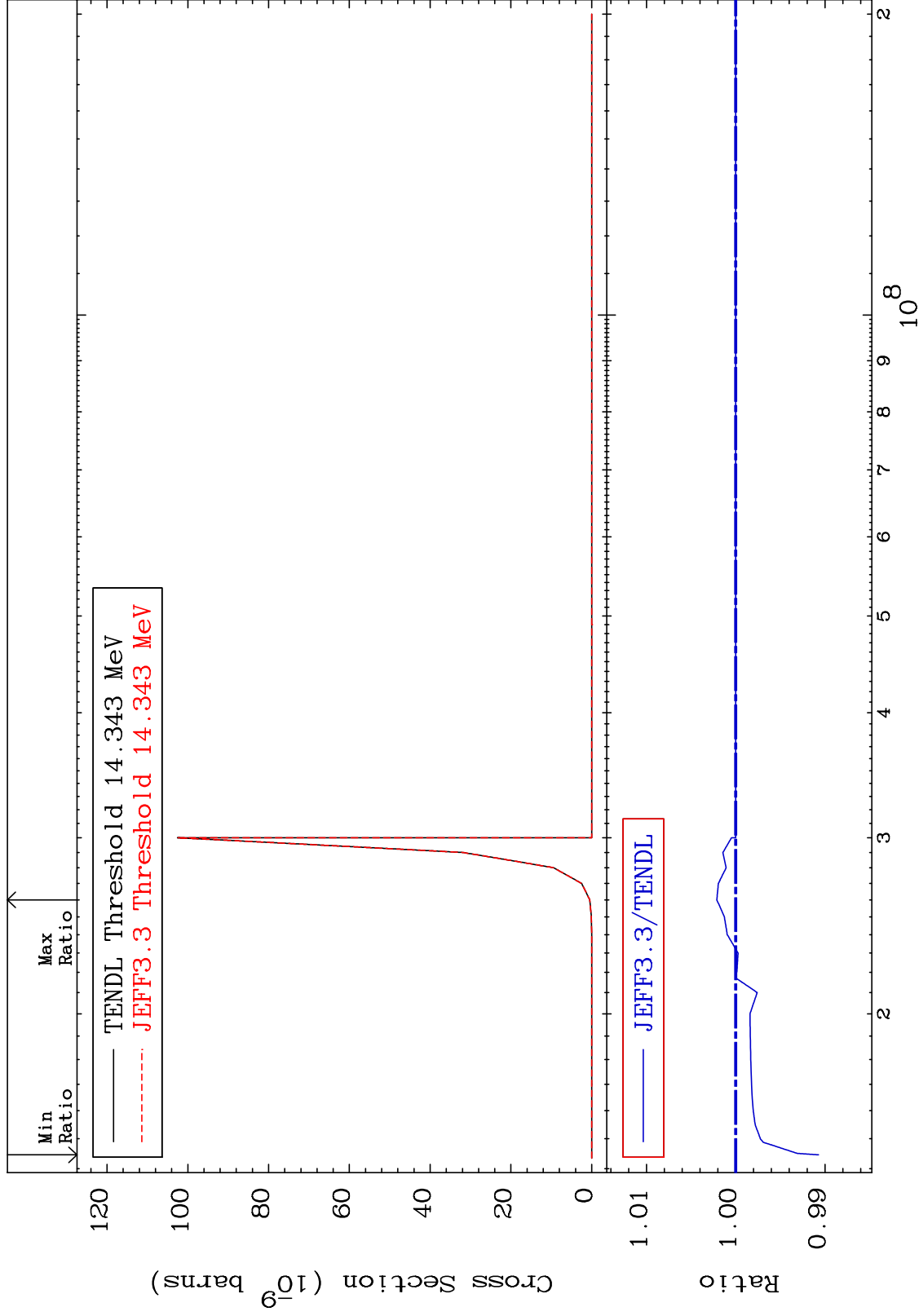


MAT 6840

(n,2n) p:66-Dy-165g

68-Er-167

Radionuclide Production Cross Section -0.928 To 0.212 %



88

Incident Energy (eV)

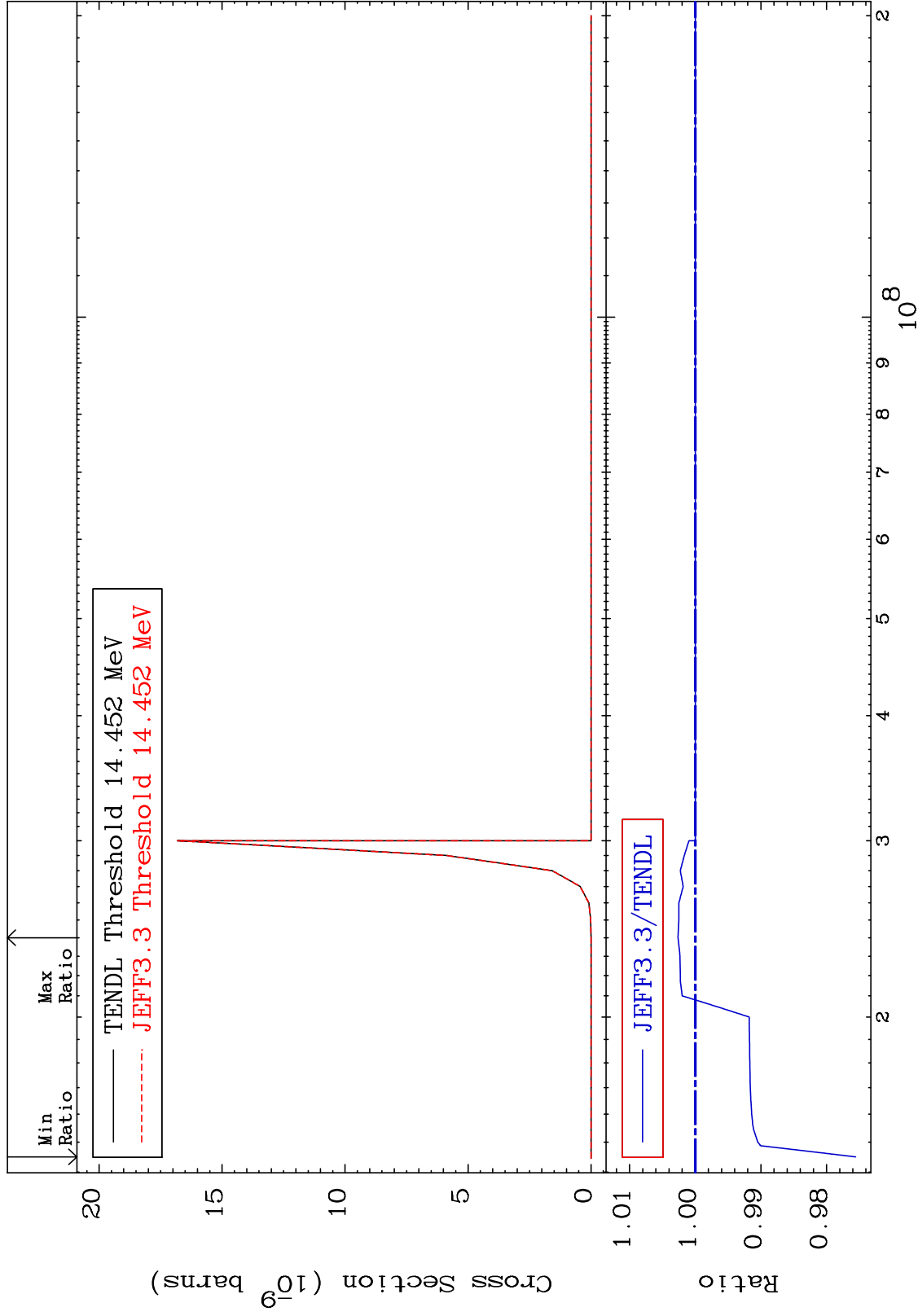
68-Er-167

MAT 6840

(n,2n) p:66-Dy-165m2

68-Er-167

Radionuclide Production Cross Section -2.444 To 0.263 %

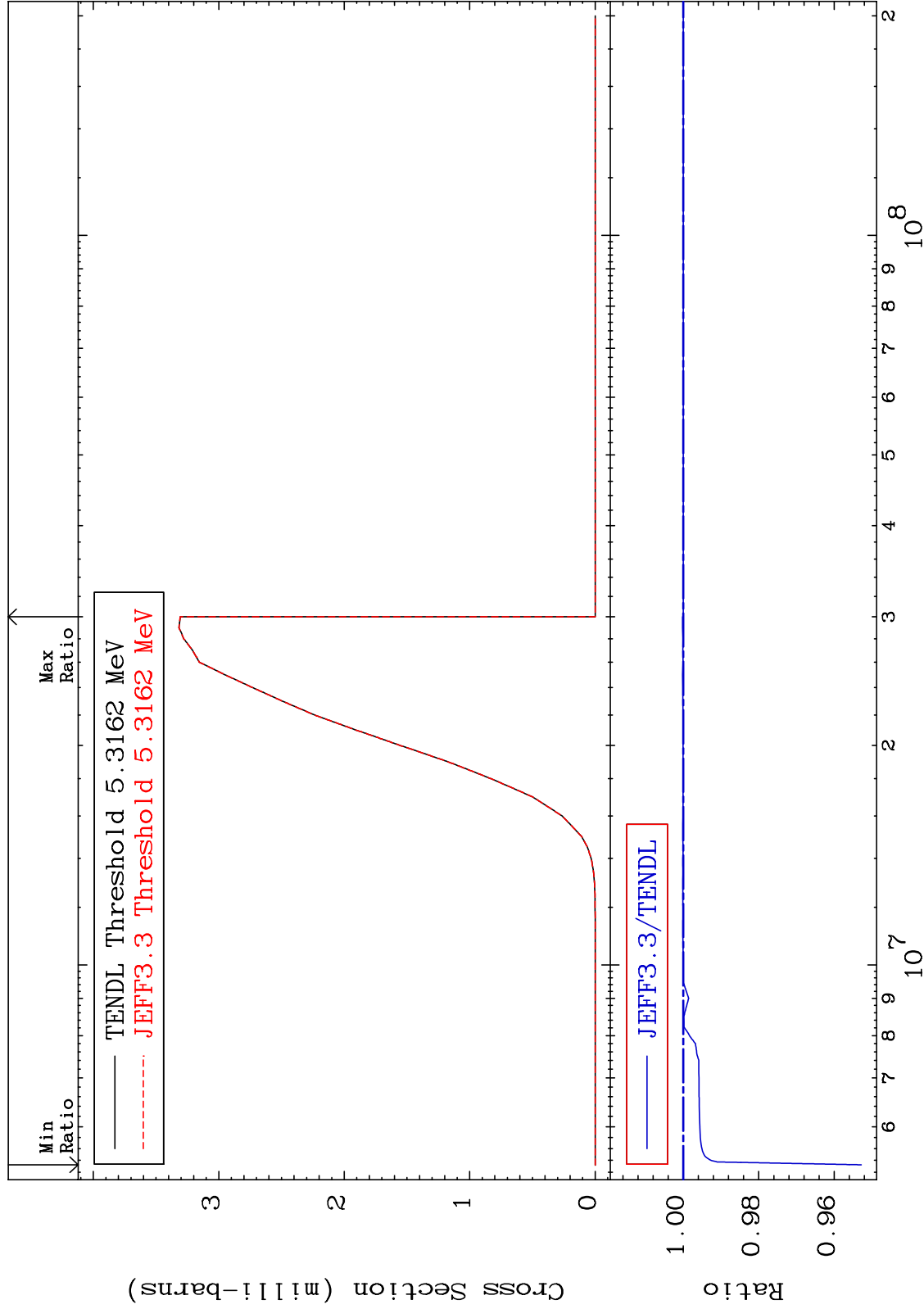


MAT 6840

(n,d):67-Ho-166g

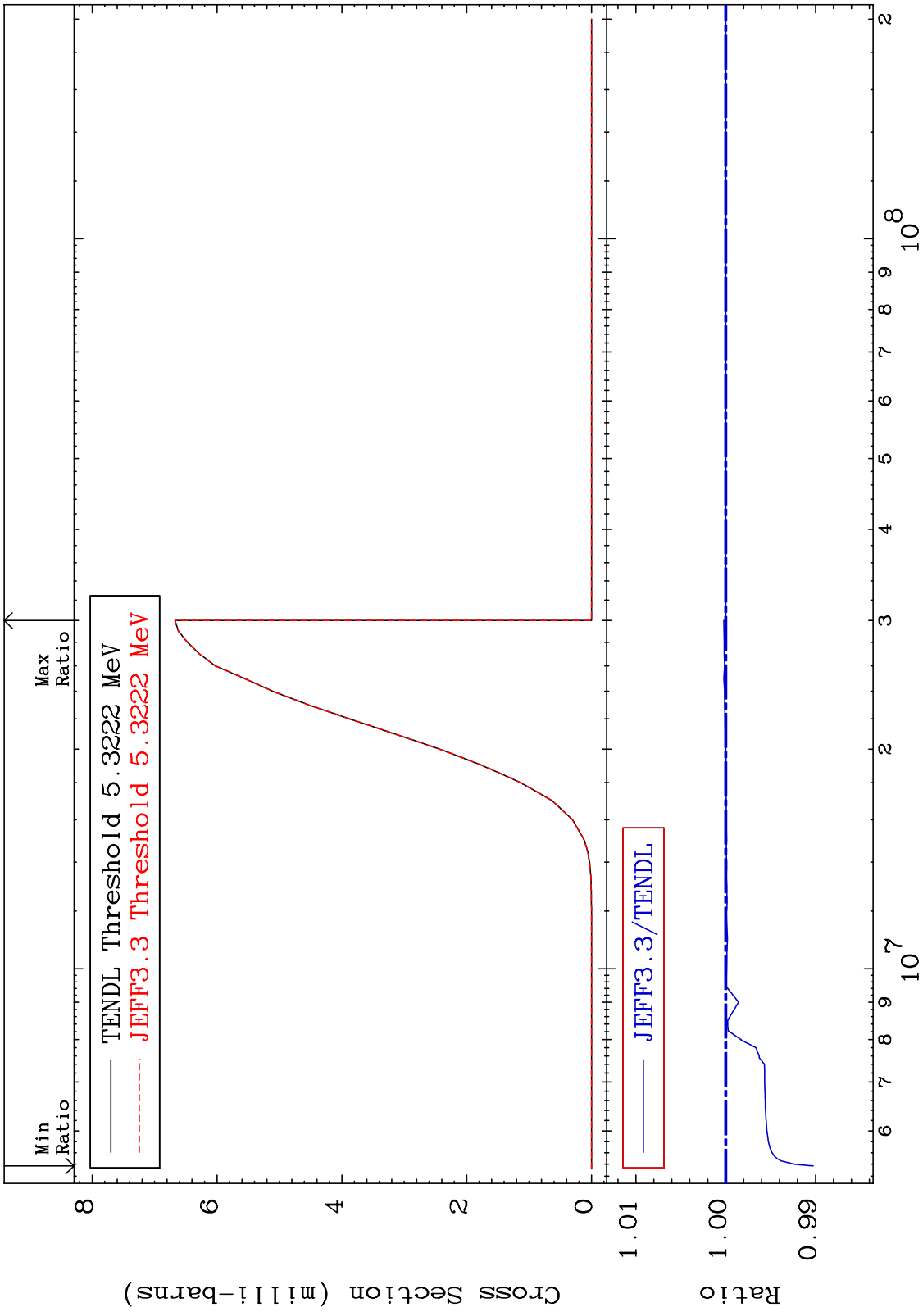
68-Er-167

Radionuclide Production Cross Section -4.719 To 0.015 %



90

MAT 6840 (n,d):67-Ho-166m1 68-Er-167  
 Radionuclide Production Cross Section -0.973 To 0.022 %

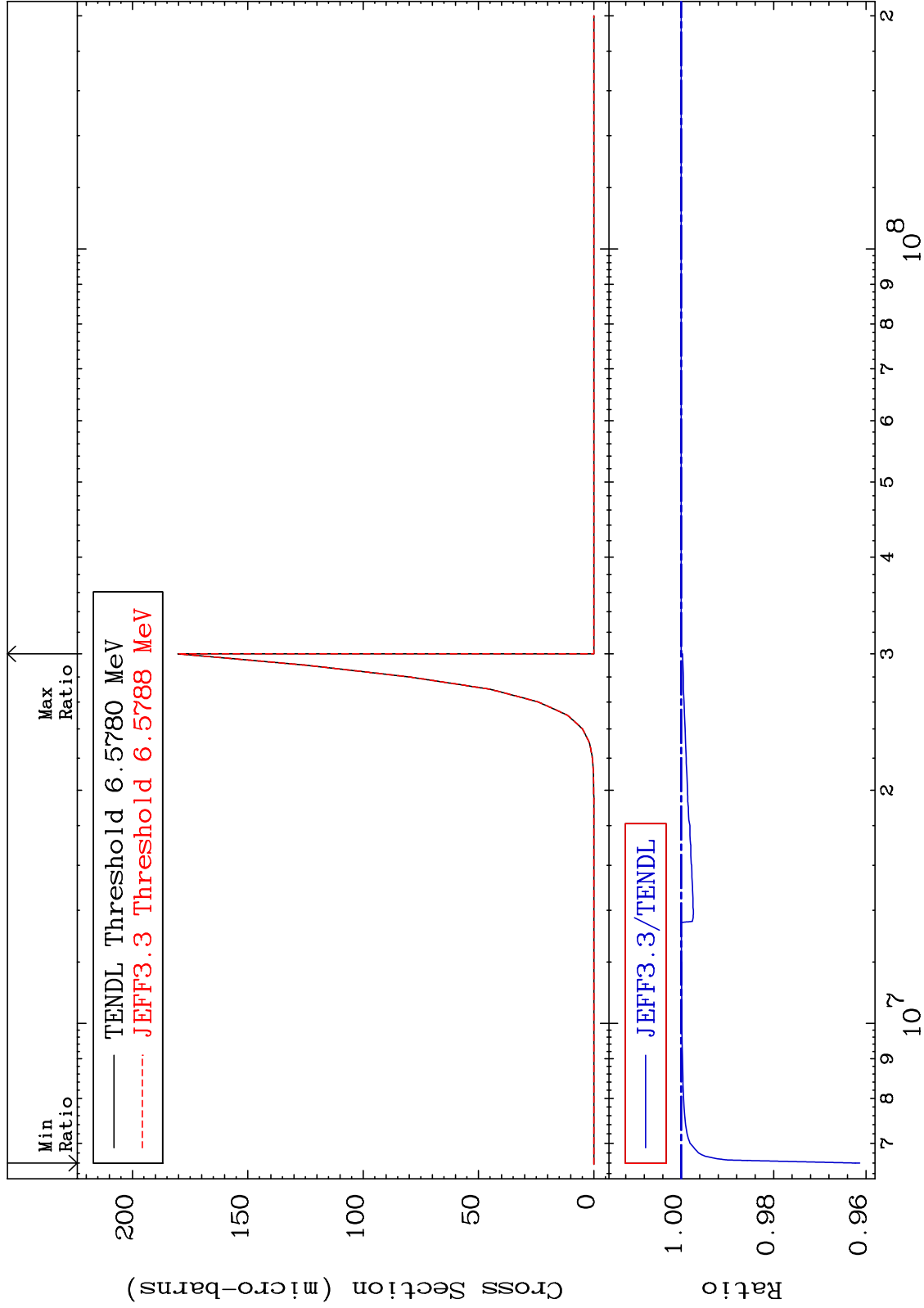


MAT 6840

(n, He-3): 66-Dy-165g

68-Er-167

Radionuclide Production Cross Section -3.865 To 0.000 %



92

Incident Energy (eV)

68-Er-167

MAT 6840

(n,He-3):66-Dy-165m2

68-Er-167

Radionuclide Production Cross Section -1.630 To 0.000 %

