

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

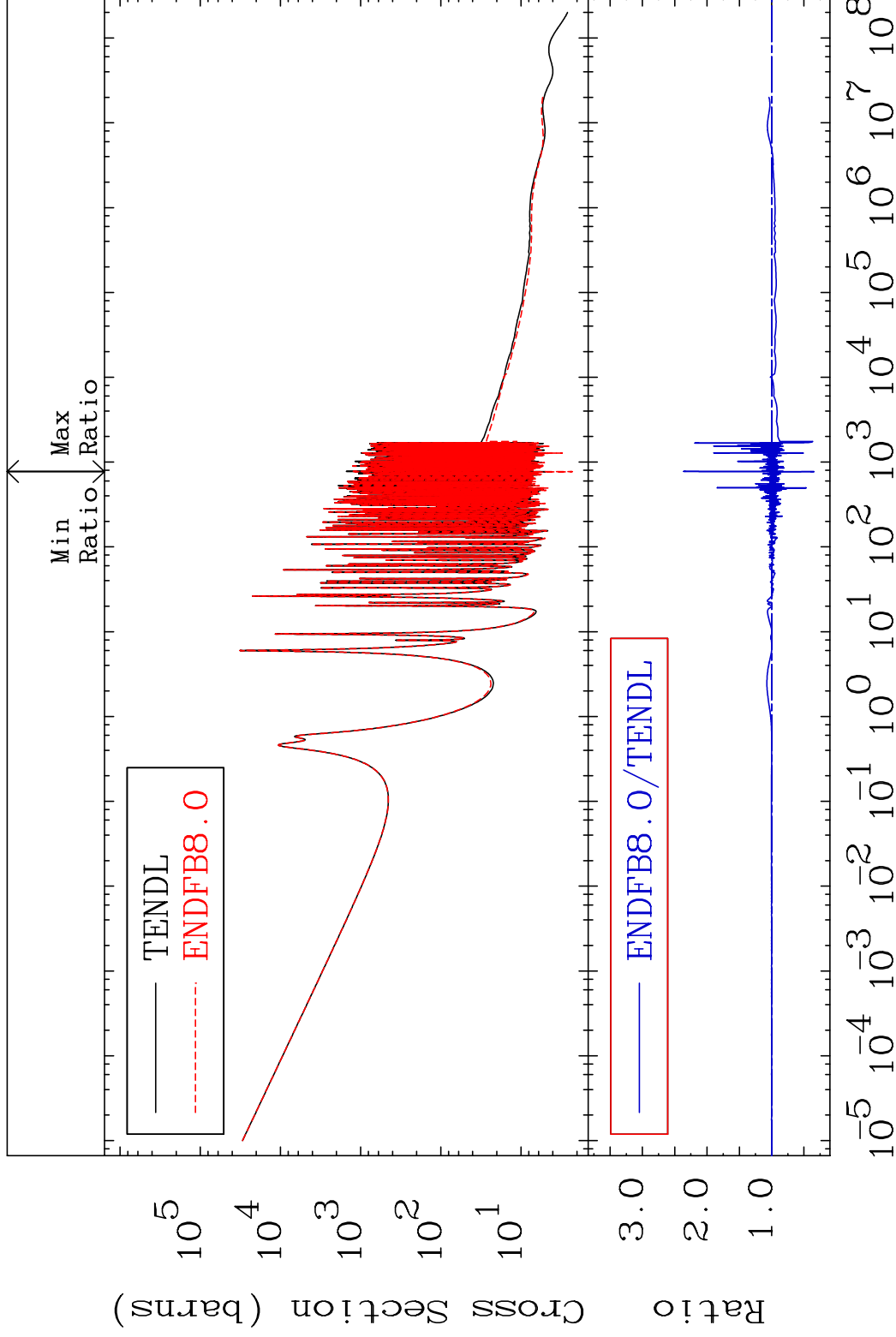
MAT 6840

Total

68-Er-167

Cross Section

-65.73 To 136.2 %



1

Incident Energy (eV)

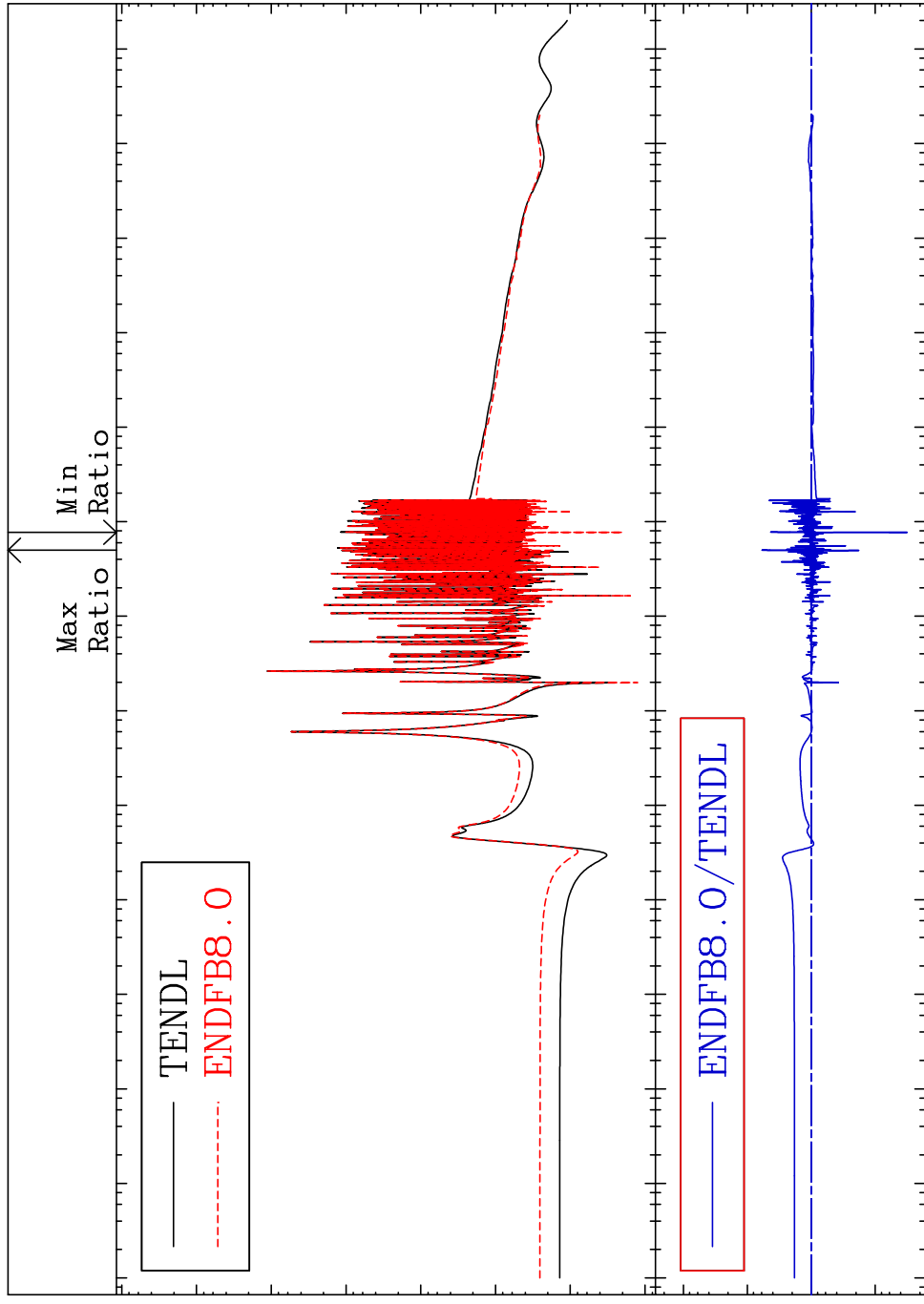
68-Er-167

MAT 6840

Elastic

68-Er-167

Cross Section -96.83 To 494.1 %

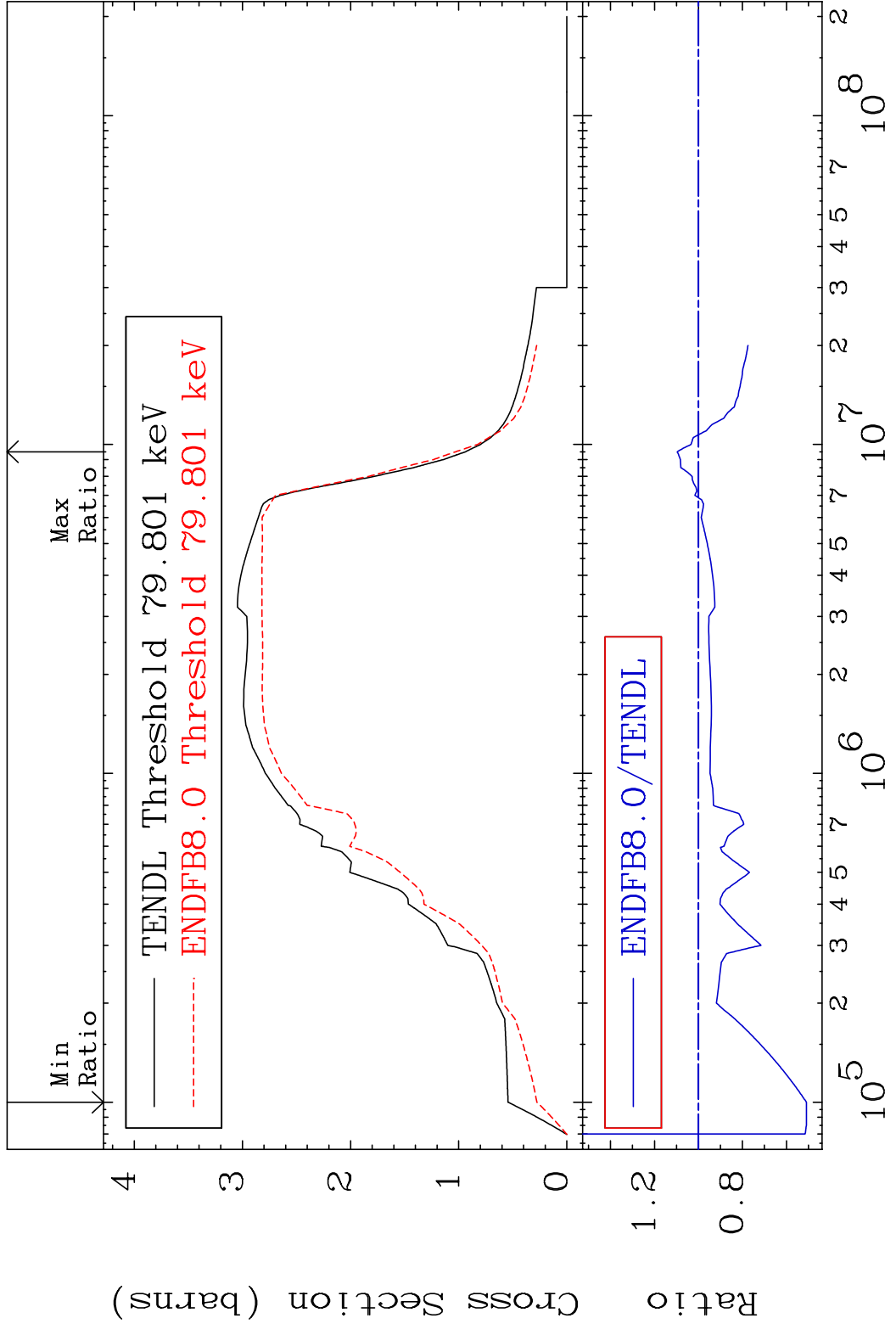


2

Incident Energy (eV)

68-Er-167

MAT 6840 Inelastic Cross Section 68-Er-167  
 -49.07 To 9.685 %



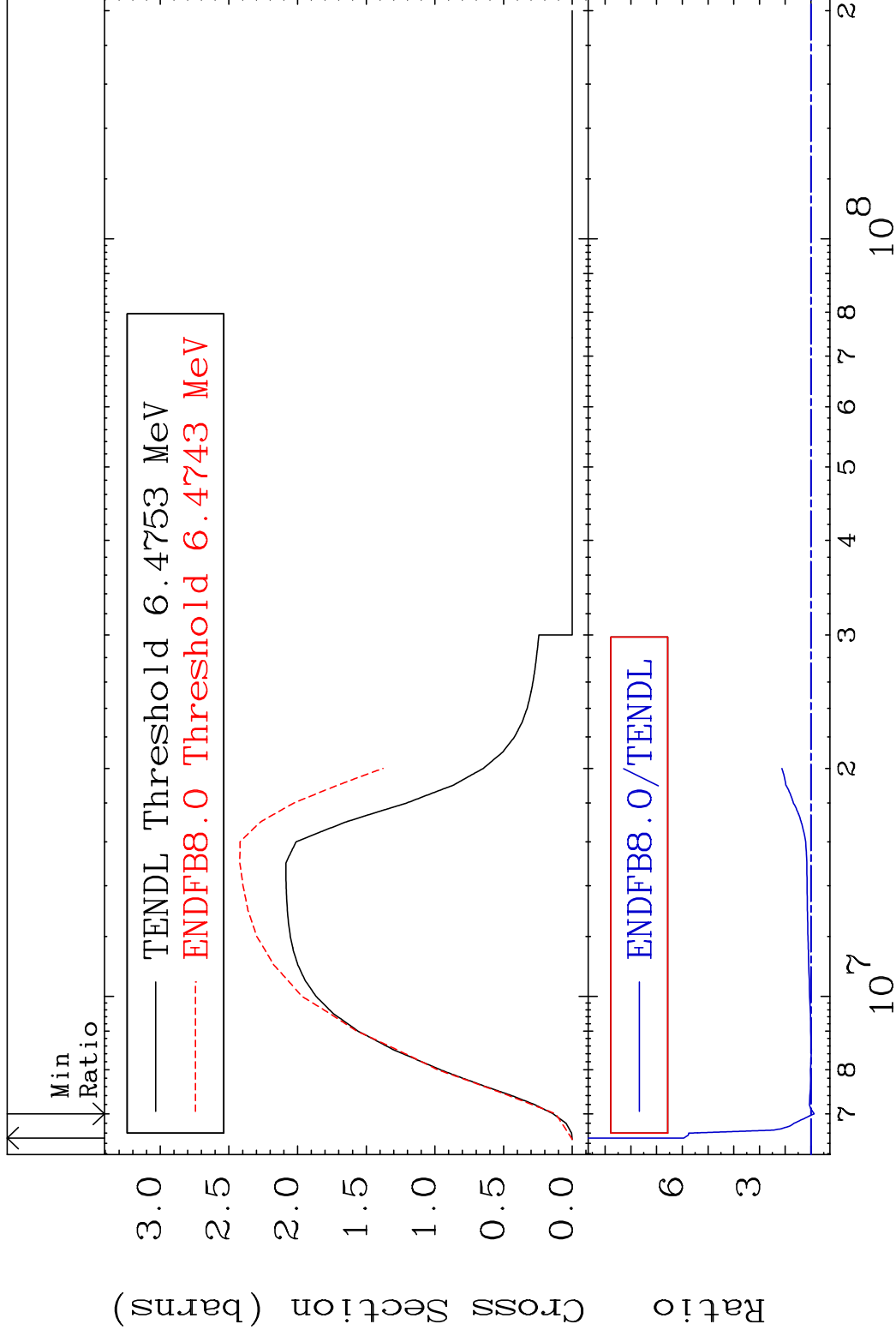
3 Incident Energy (eV) 68-Er-167

MAT 6840

(n,2n)

68-Er-167

Cross Section -12.25 To 494.9 %



4

Incident Energy (eV)

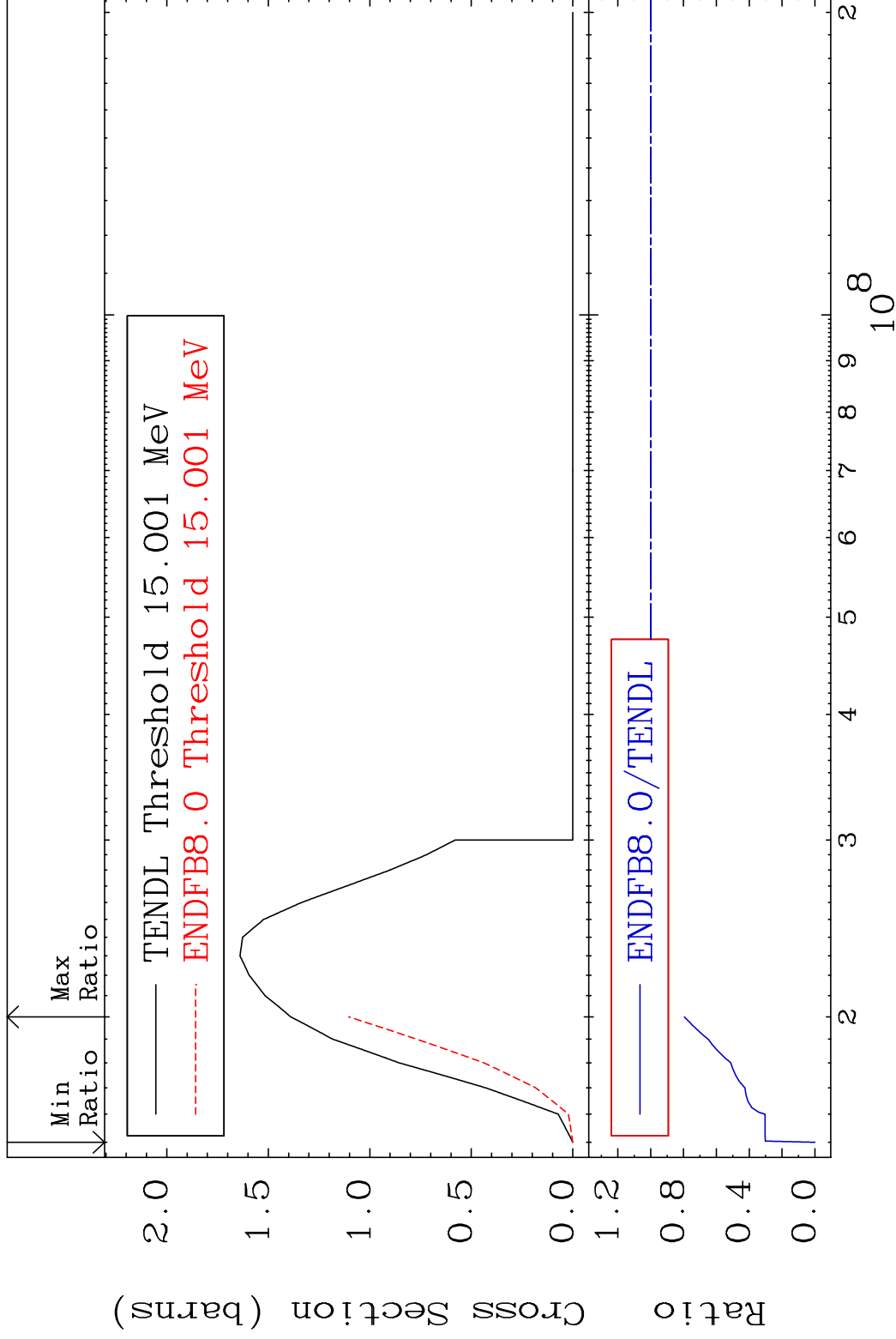
68-Er-167

MAT 6840

(n,3n)

68-Er-167

Cross Section -100.0 To -20.49%



5

Incident Energy (eV)

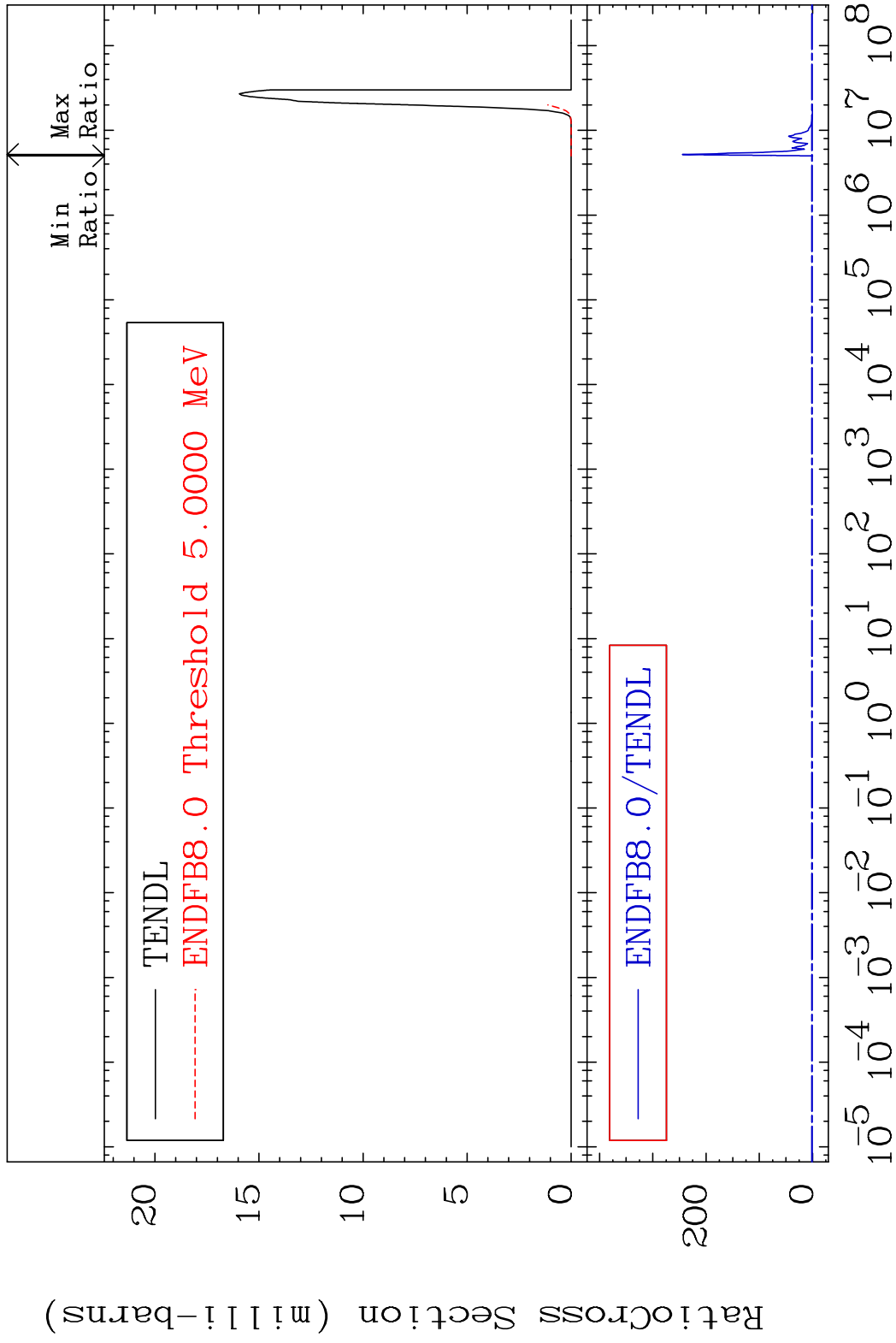
68-Er-167

MAT 6840

(n, n')  $\alpha$

68-Er-167

Cross Section -100.0 To 9999. %

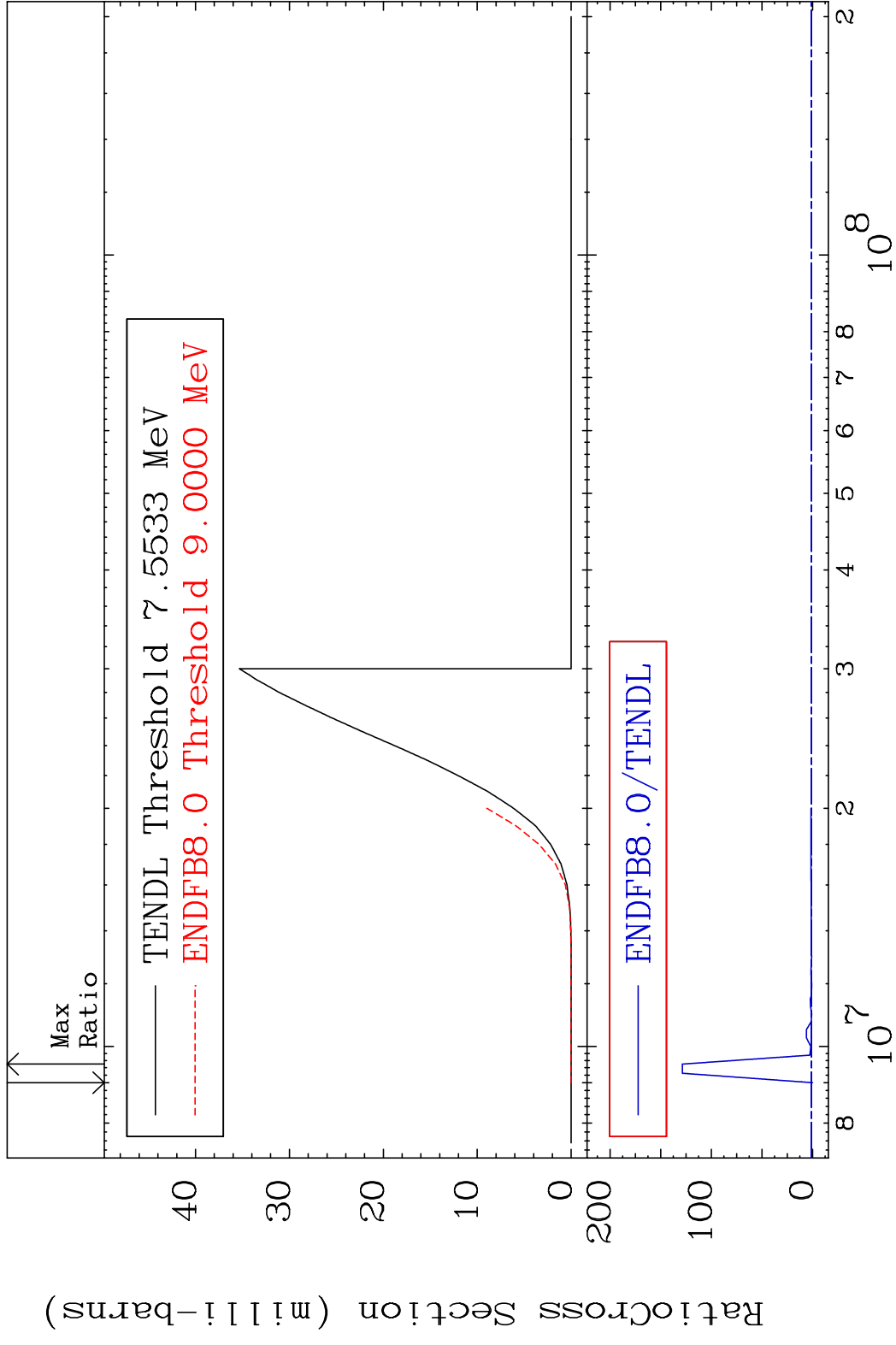


6

Incident Energy (eV)

68-Er-167

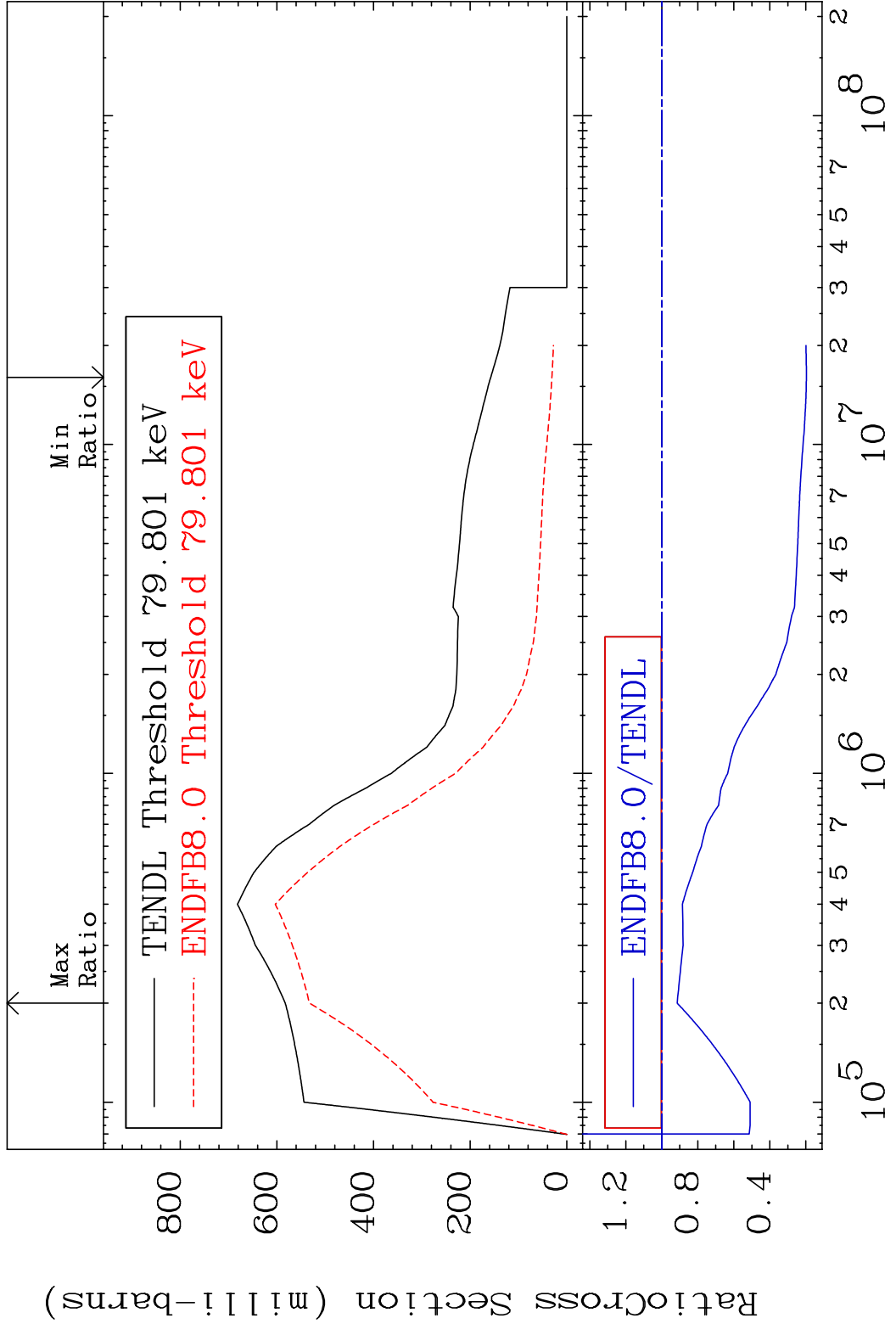
MAT 6840 (n, n') p 68-Er-167  
 Cross Section -100.0 To 9999. %



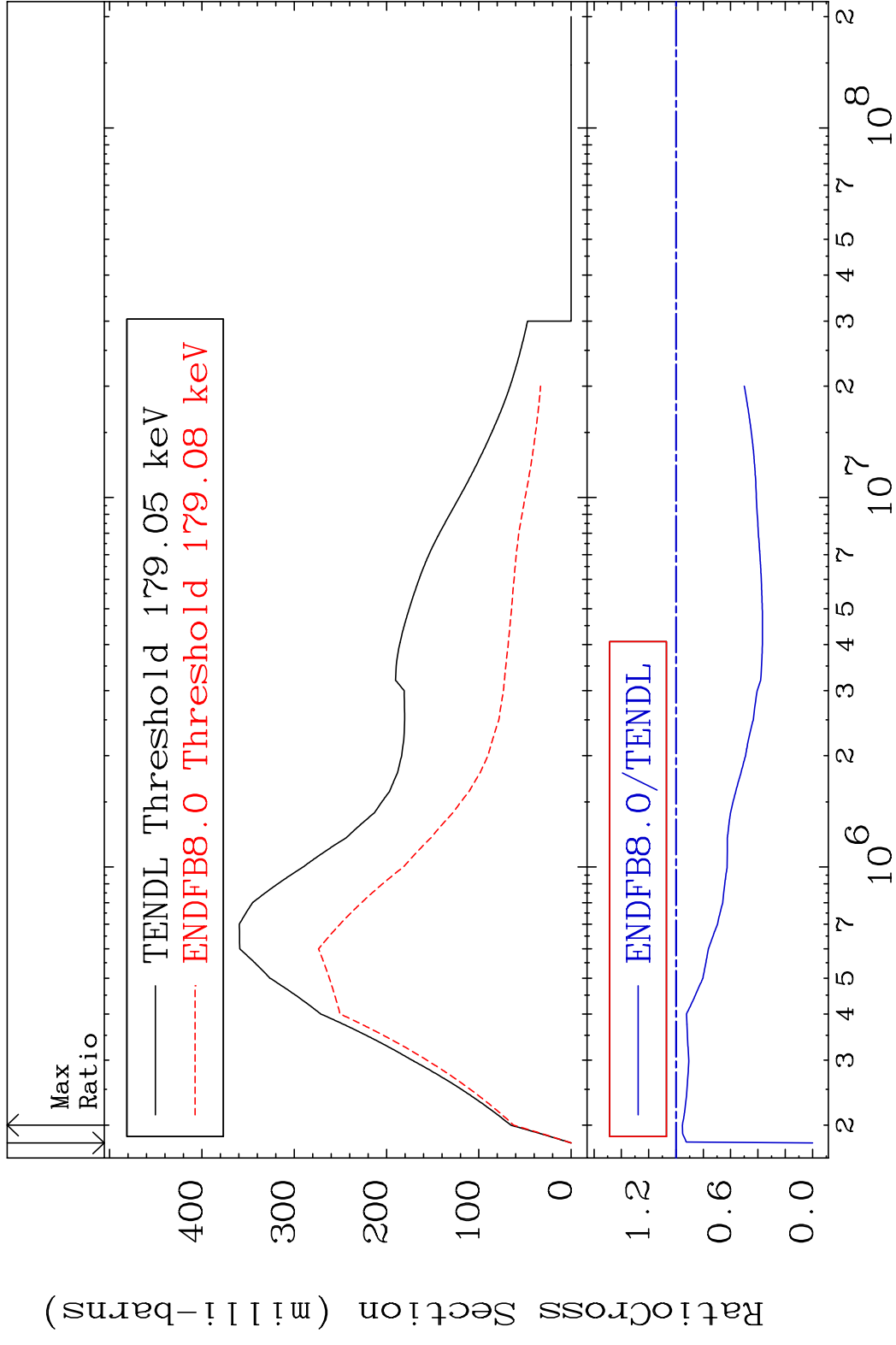
7 Incident Energy (eV) 68-Er-167



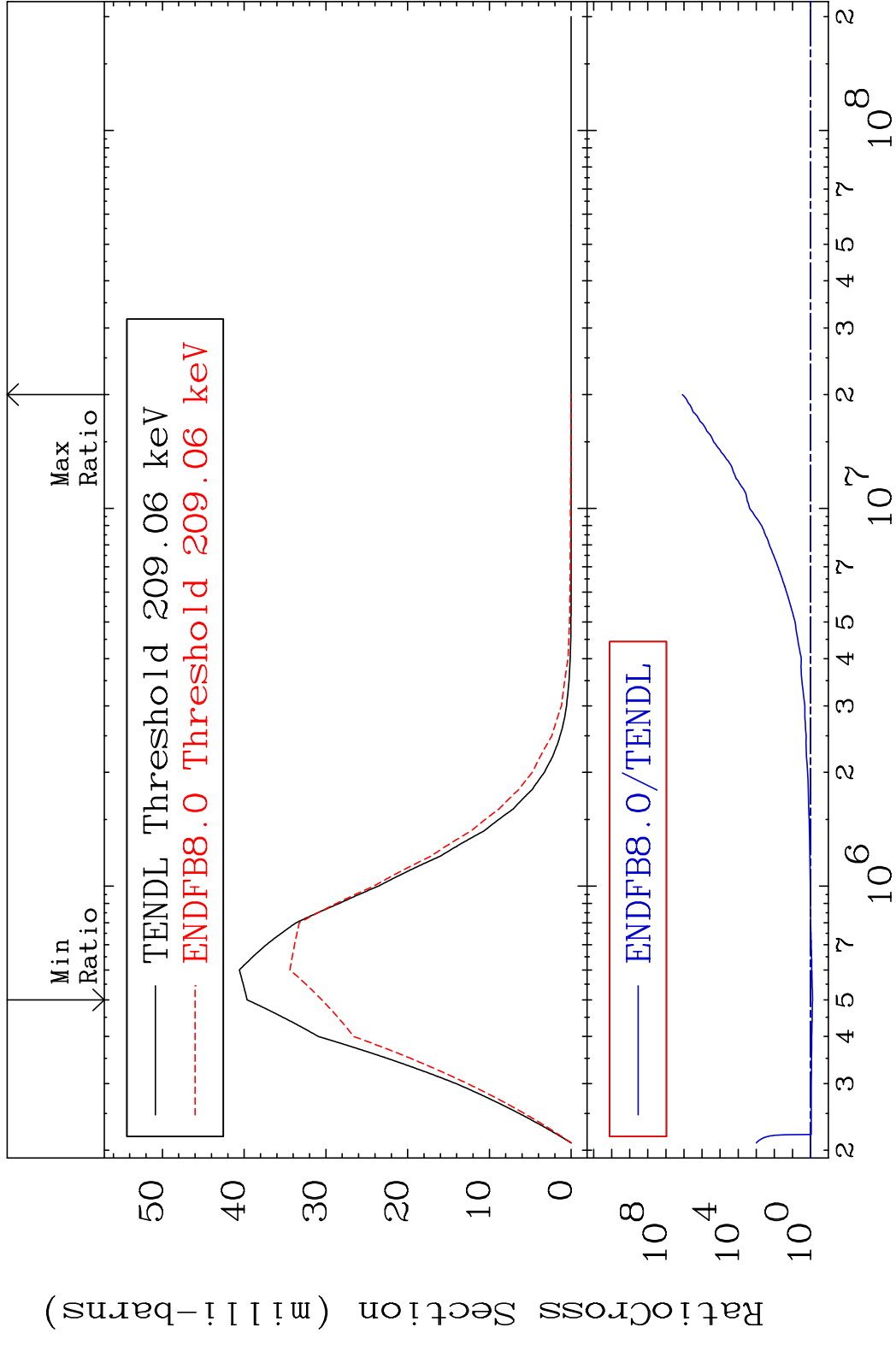
MAT 6840 MT= 51 (n, n') Level 68-Er-167  
 Cross Section -80.33 To -8.552%



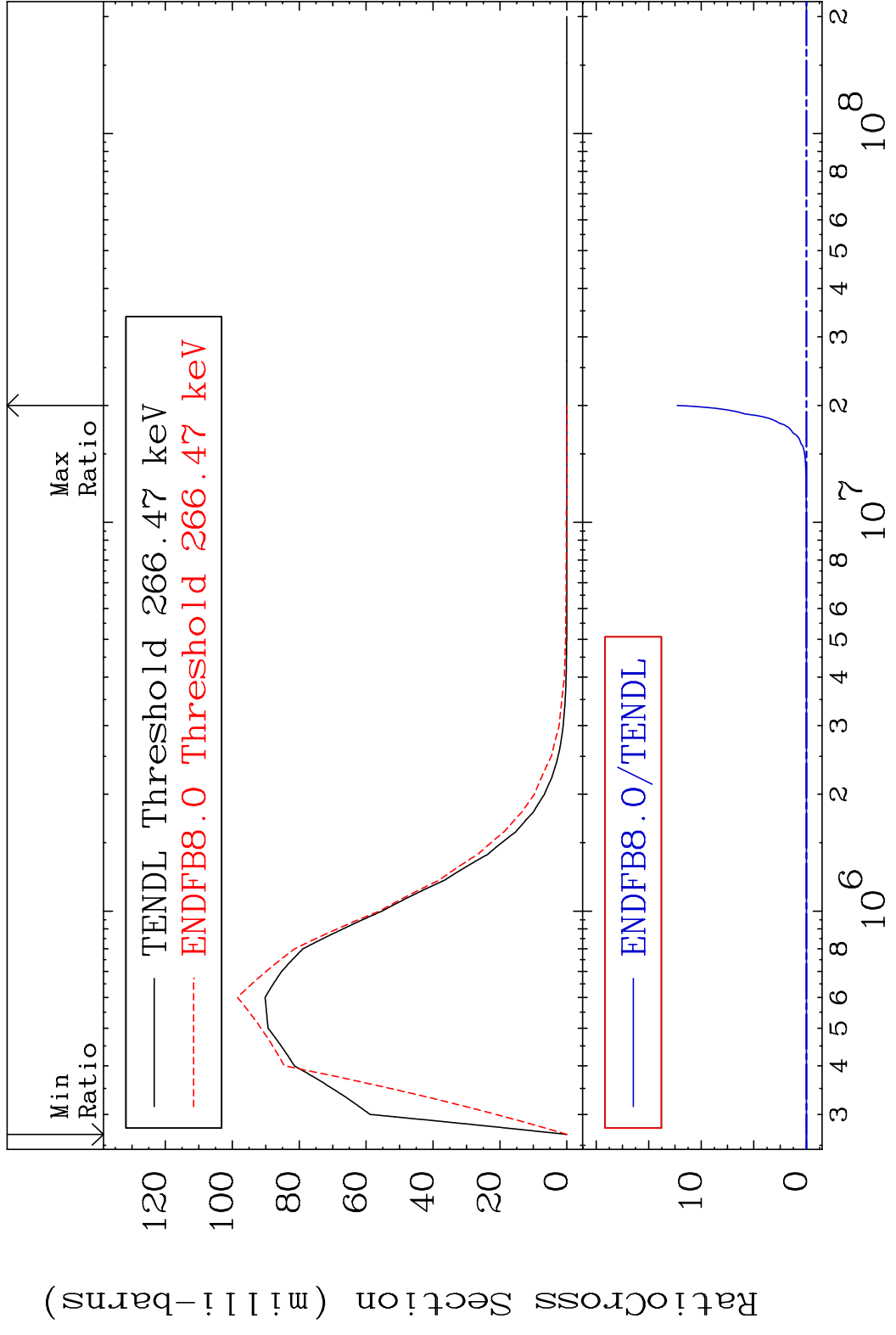
MAT 6840 MT= 52 (n, n') Level 68-Er-167  
 Cross Section -100.0 To -4.663%



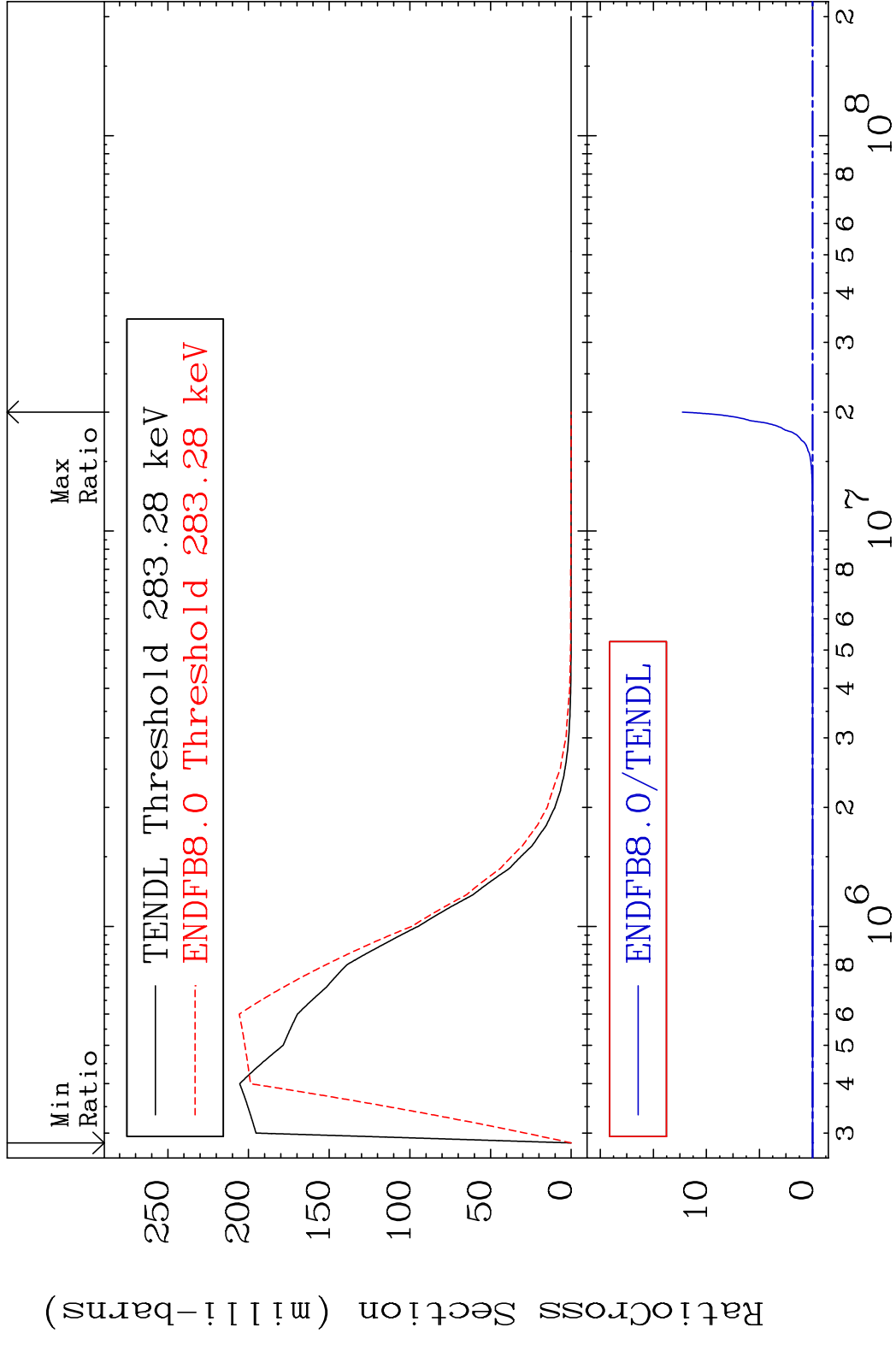
MAT 6840 MT= 53 (n, n') Level 68-Er-167  
 Cross Section -23.05 To 9999. %



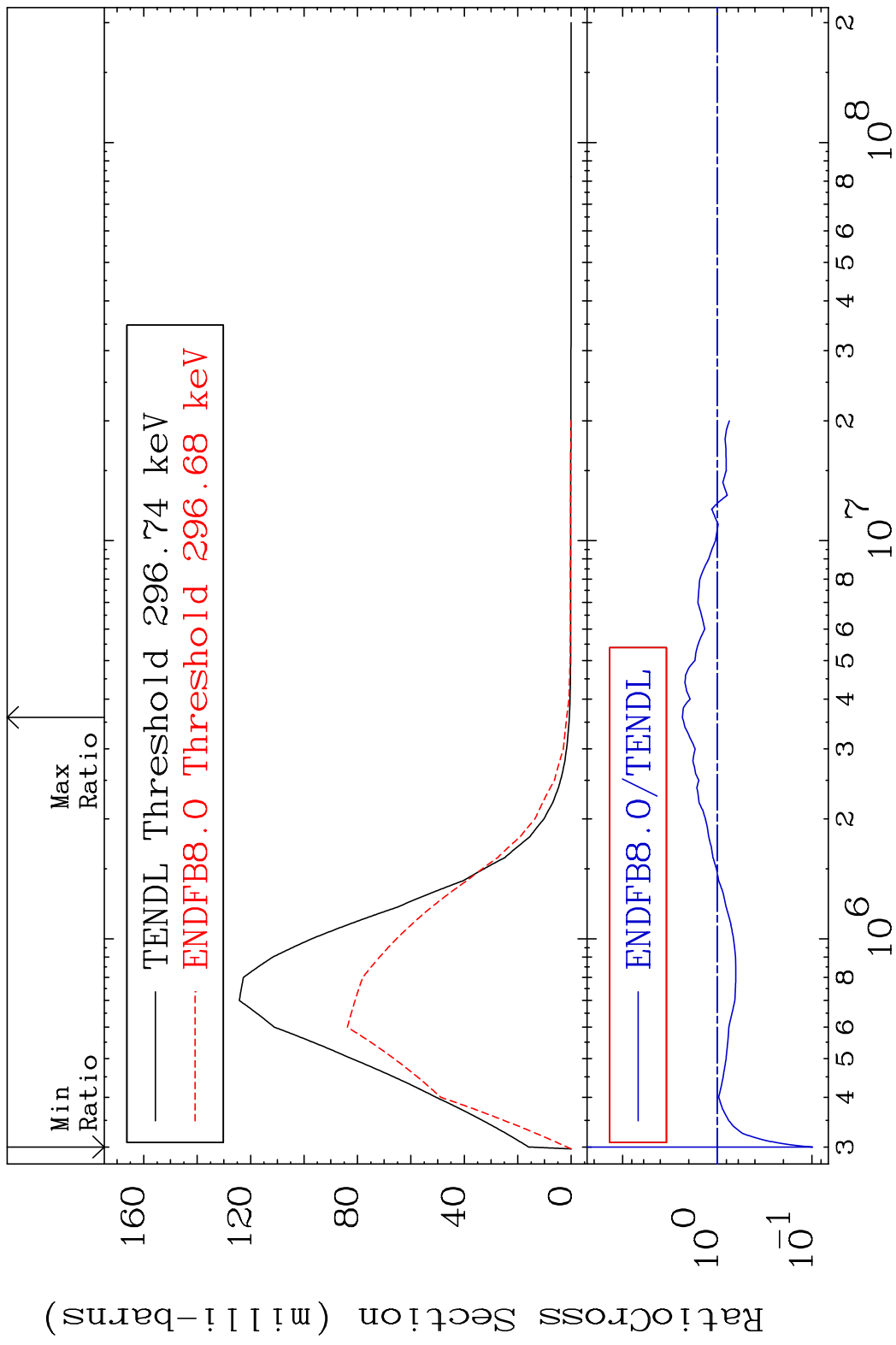
MAT 6840 MT= 54 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



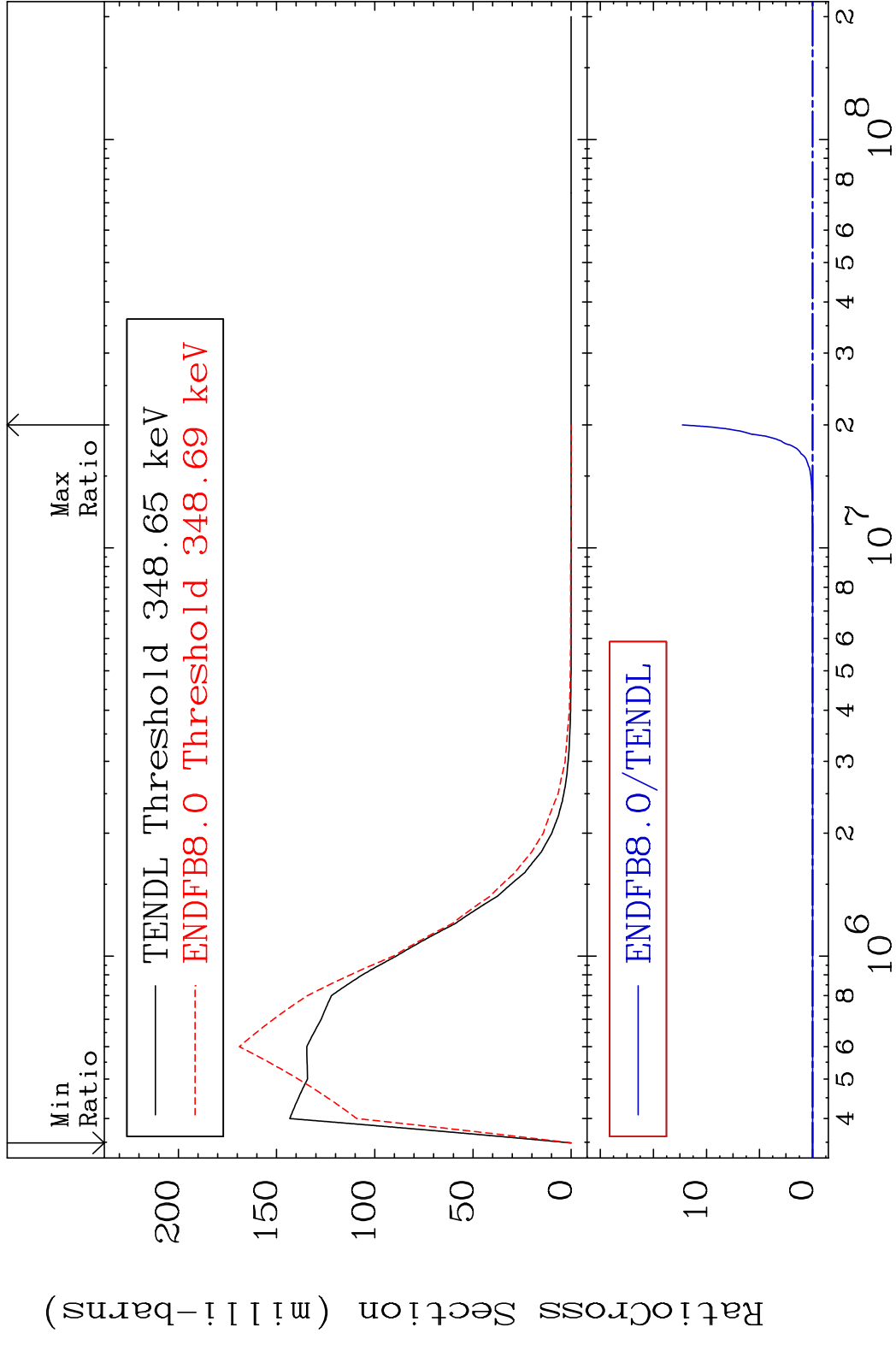
MAT 6840 MT= 55 (n,n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



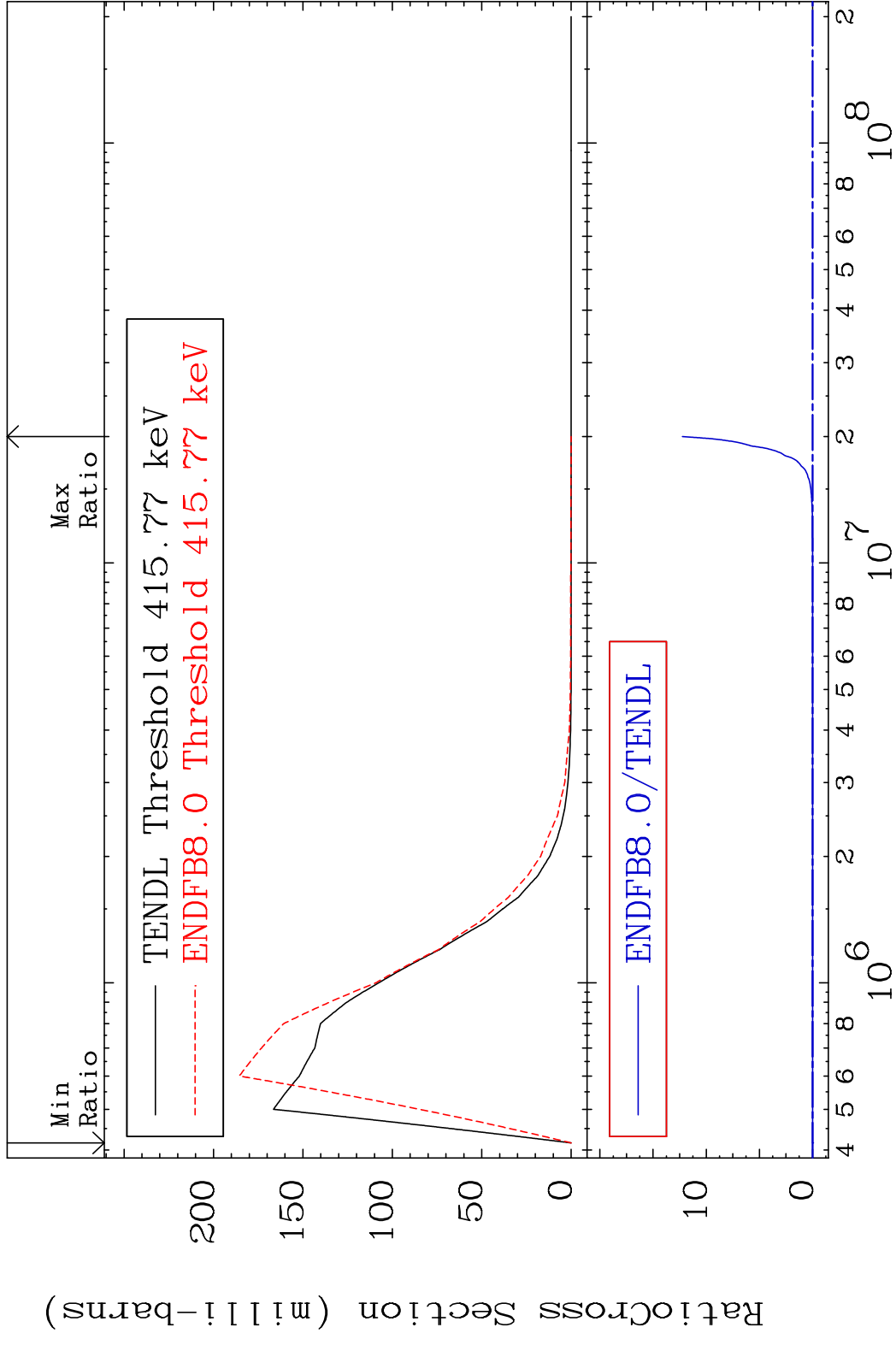
MAT 6840 MT= 56 (n,n') Level 68-Er-167  
 Cross Section -90.14 To 133.6 %



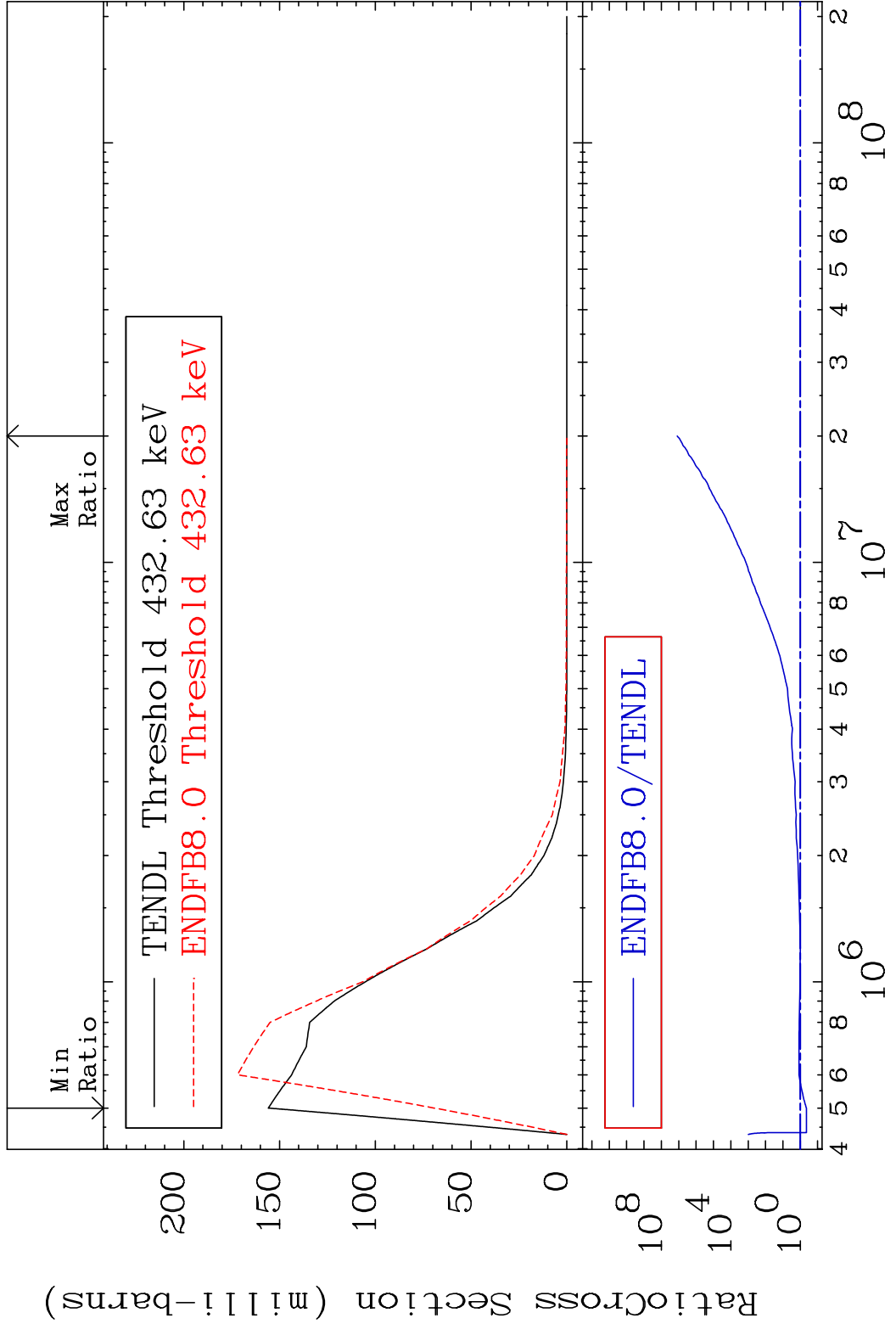
MAT 6840 MT= 57 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



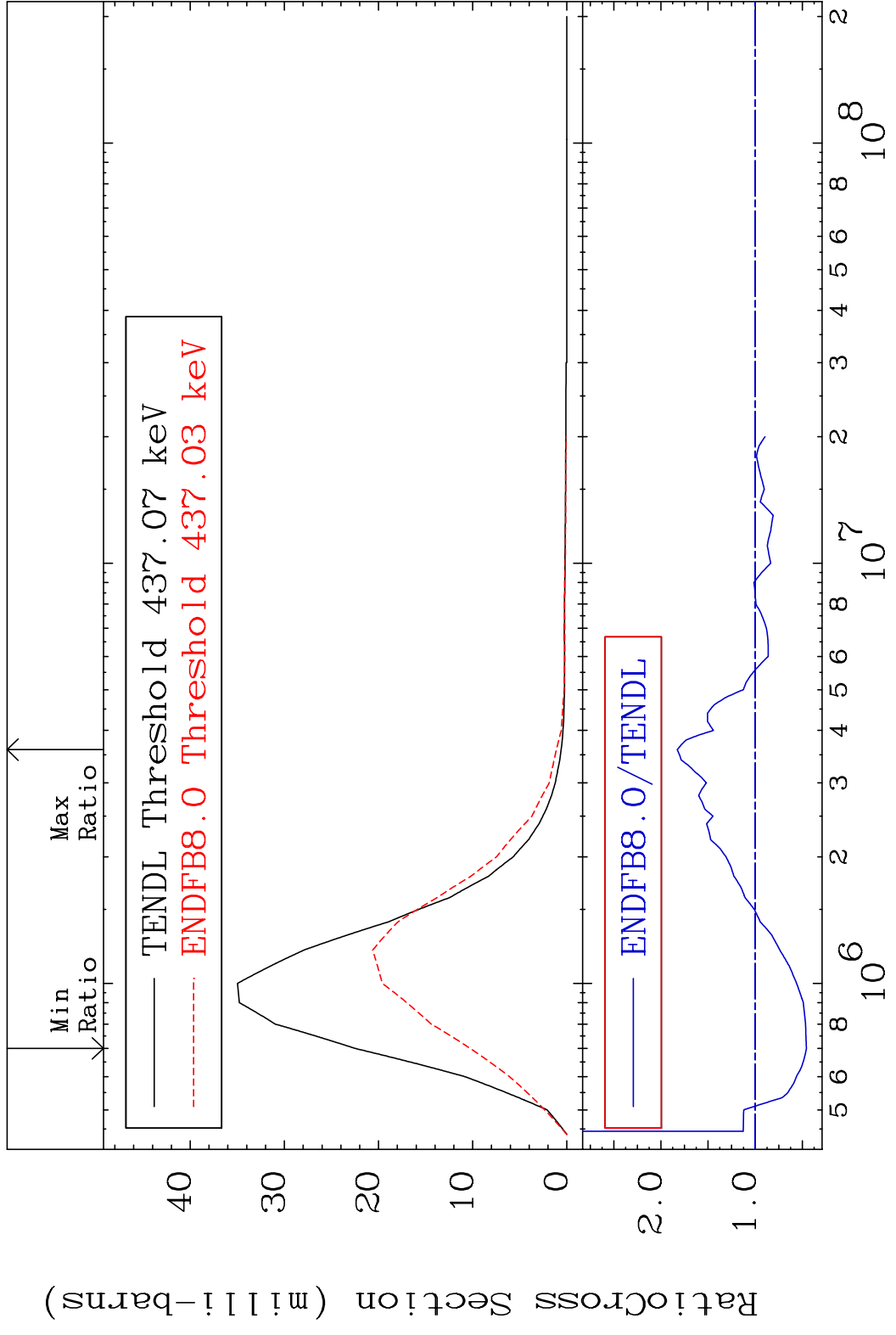
MAT 6840 MT= 58 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



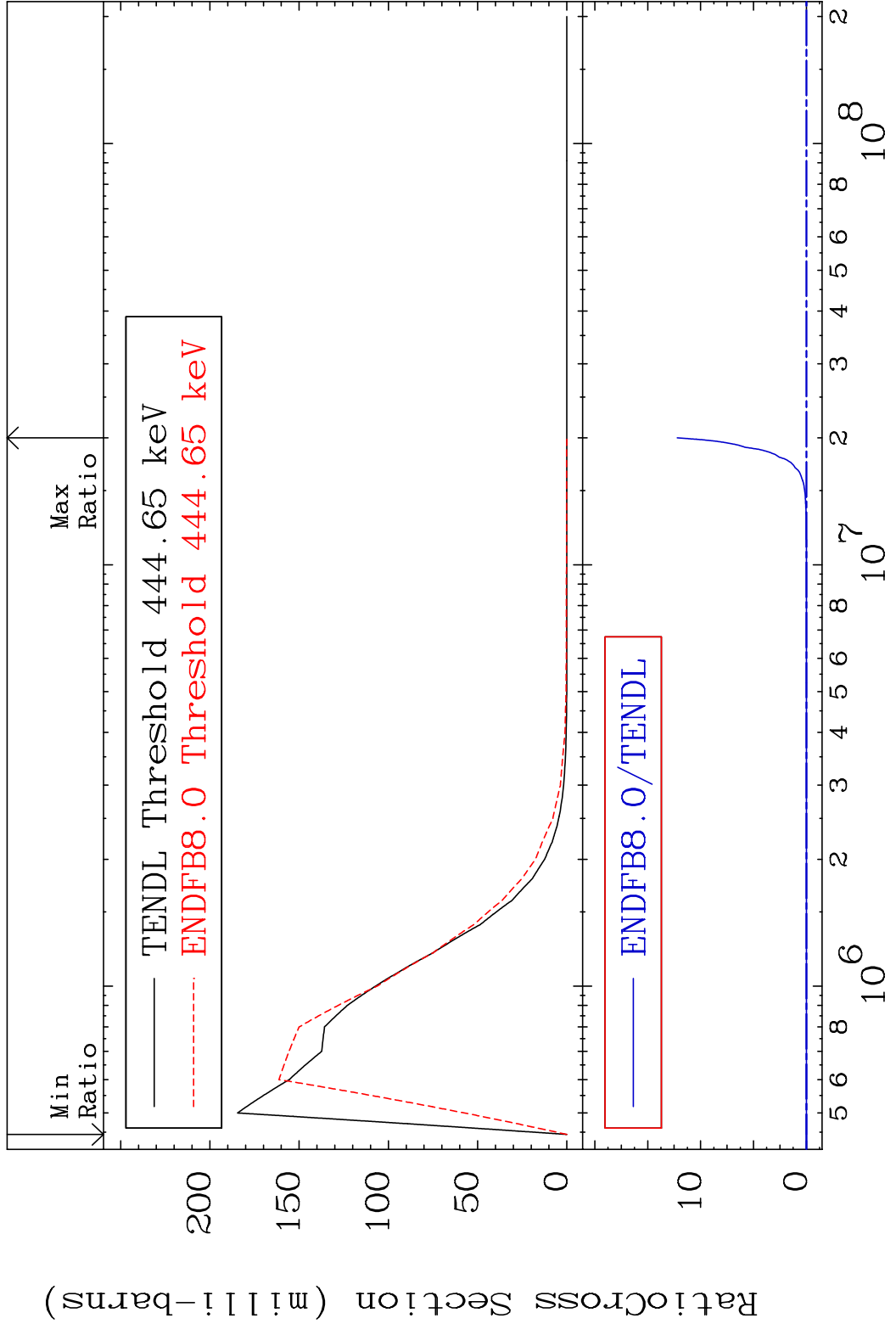
MAT 6840 MT= 59 (n, n') Level 68-Er-167  
 Cross Section -55.57 To 9999. %



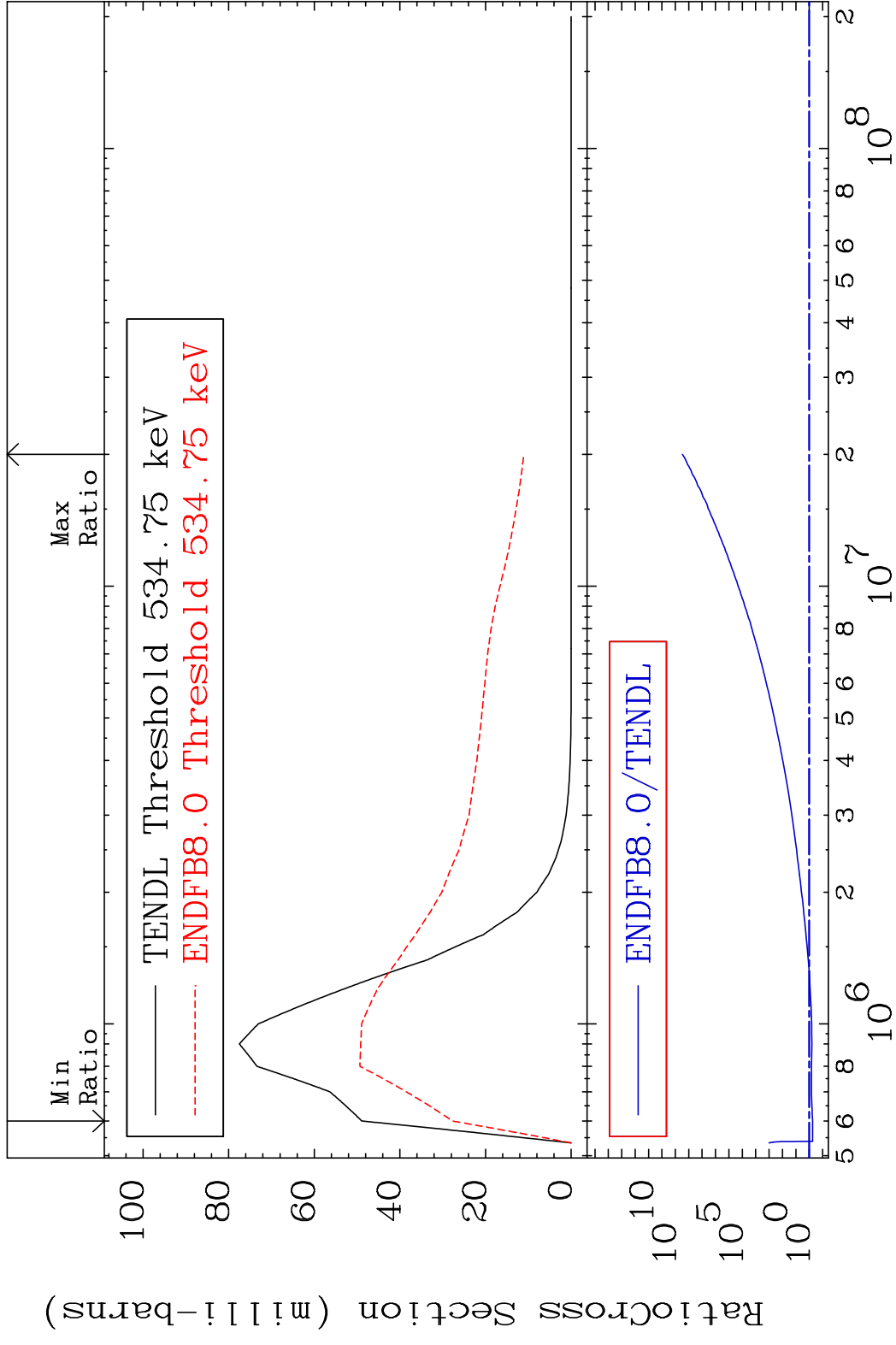
MAT 6840 MT= 60 (n, n') Level 68-Er-167  
 Cross Section -54.36 To 82.82 %



MAT 6840 MT= 61 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %

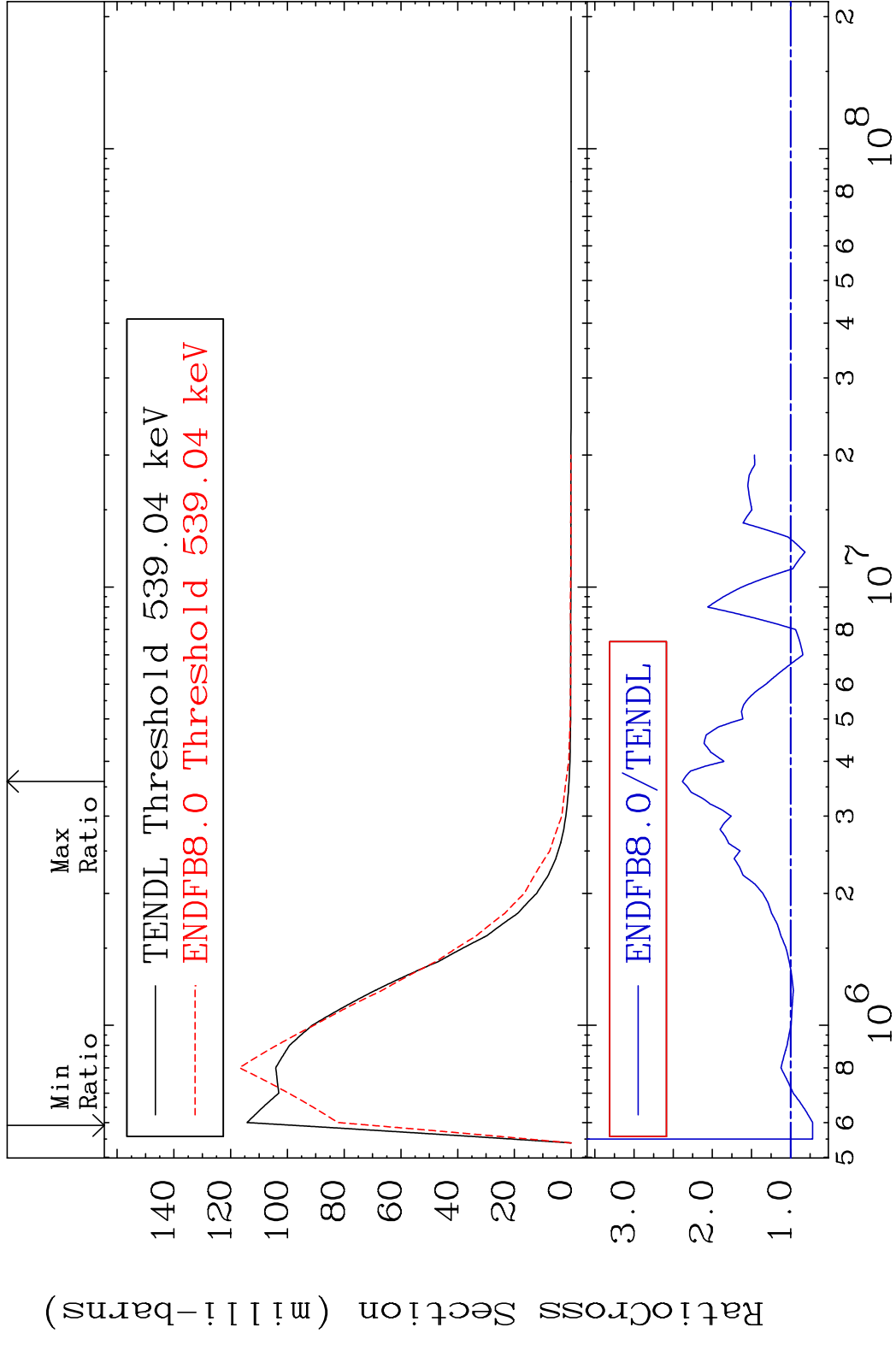


MAT 6840 MT= 62 (n, n') Level 68-Er-167  
 Cross Section -43.33 To 9999. %

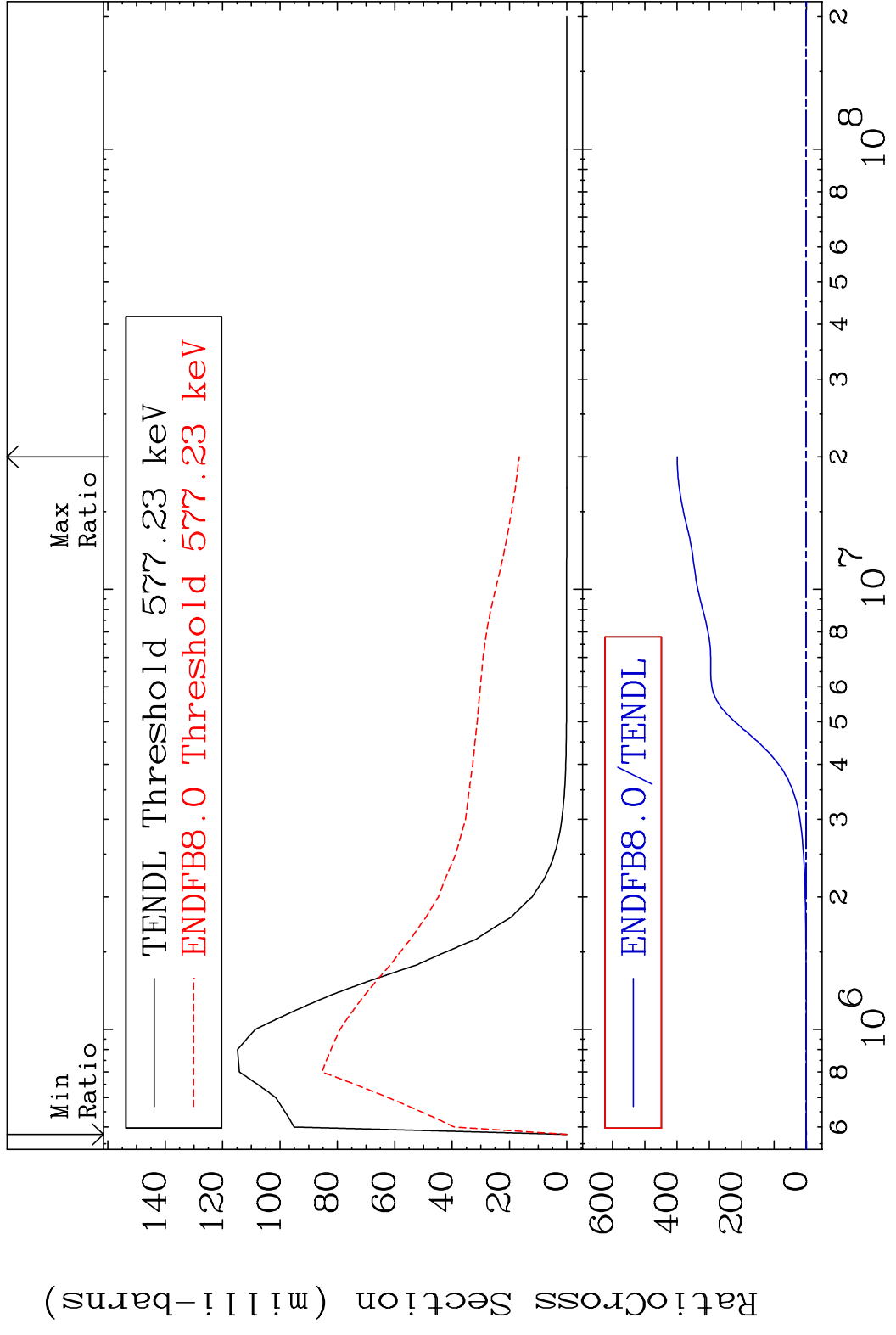


20 Incident Energy (eV) 68-Er-167

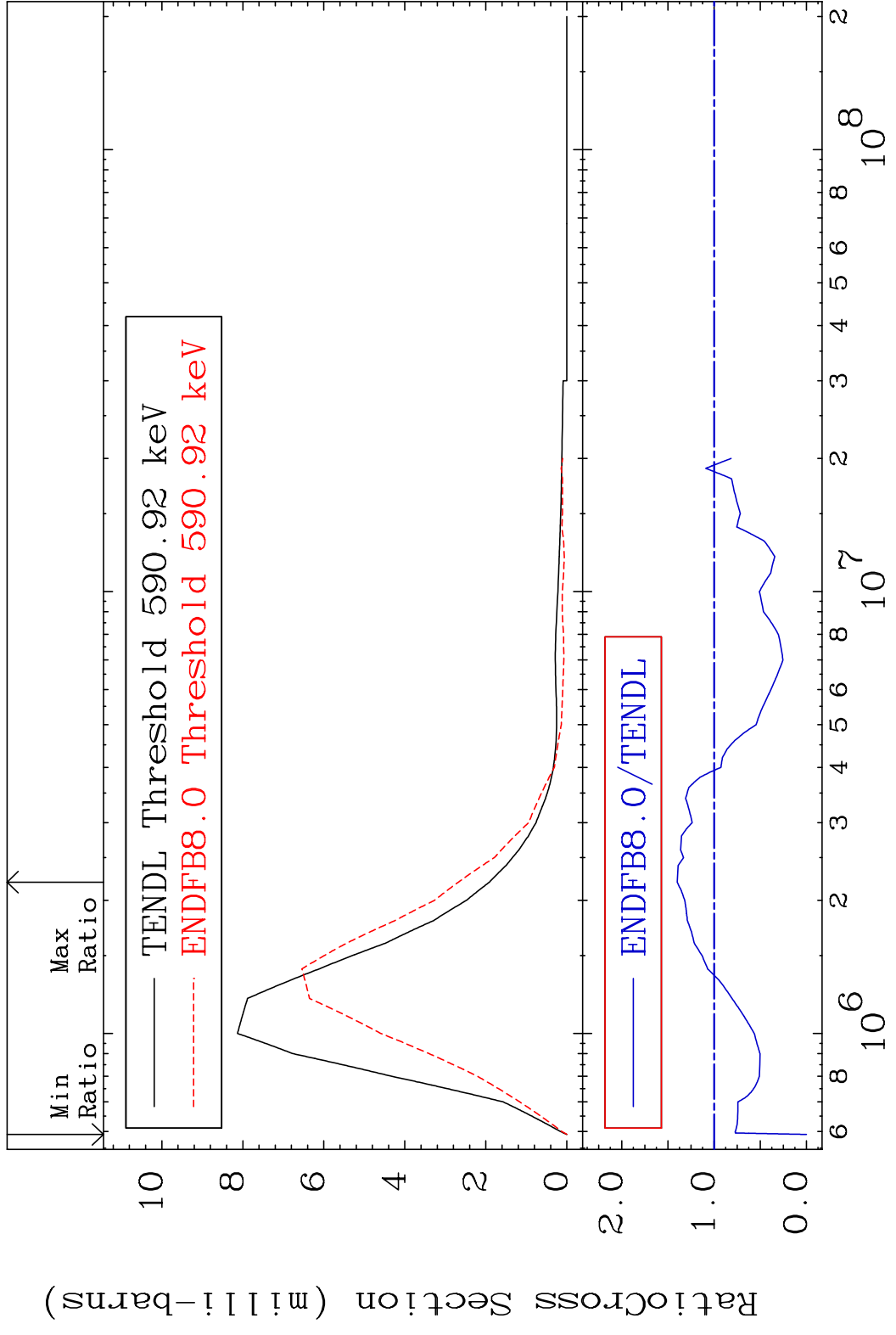
MAT 6840 MT= 63 (n, n') Level 68-Er-167  
 Cross Section -28.05 To 138.3 %



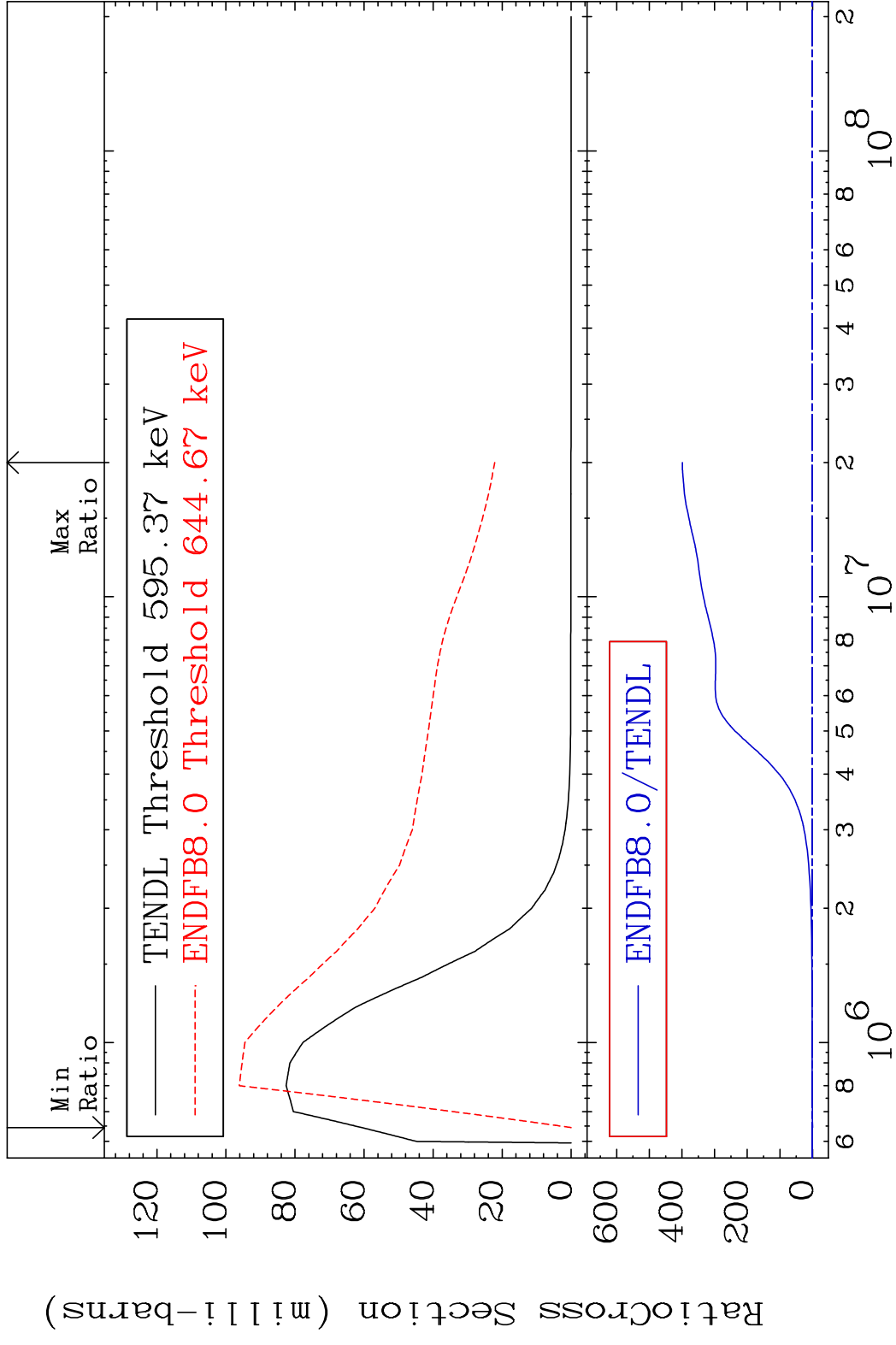
MAT 6840 MT= 64 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



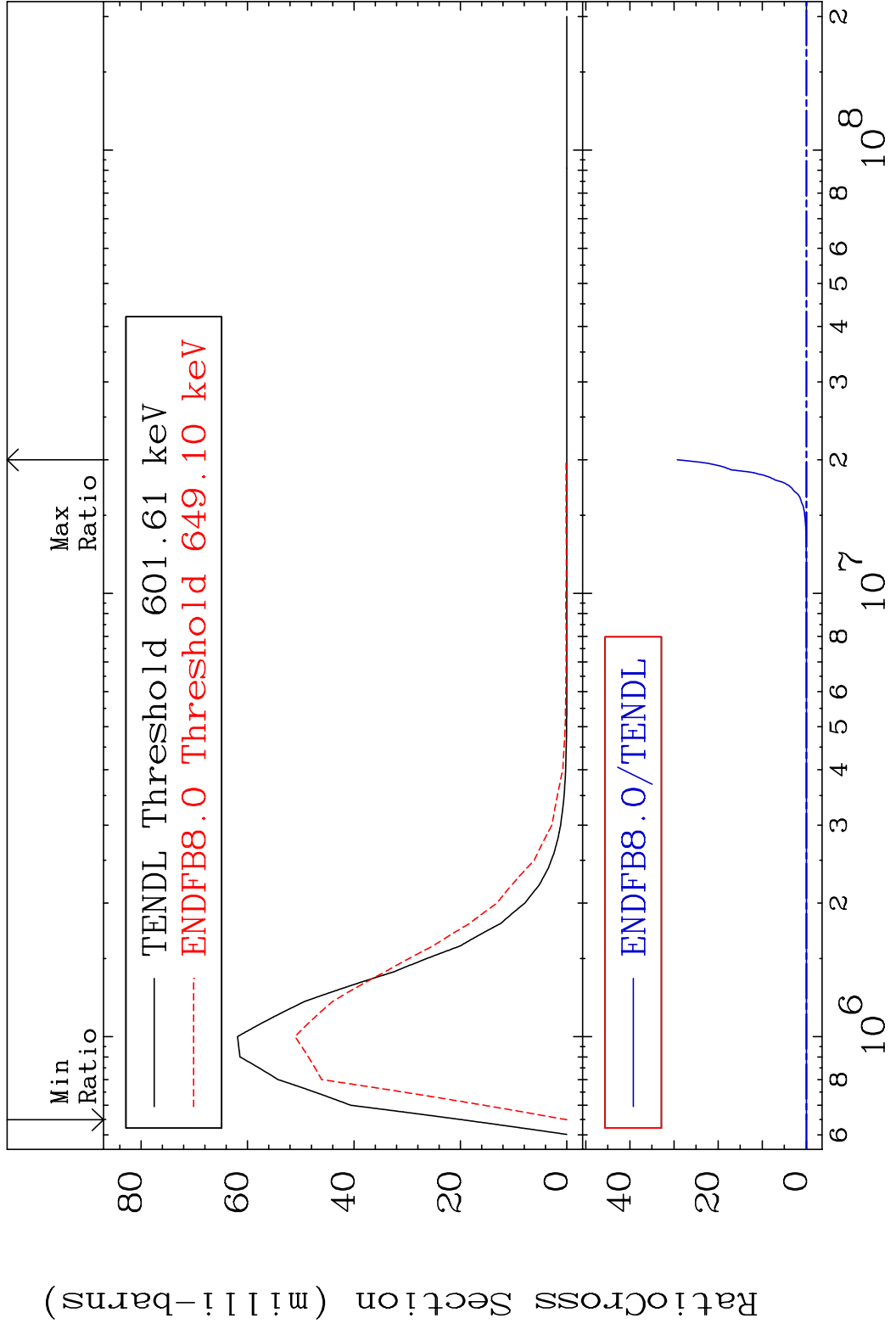
MAT 6840 MT= 65 (n,n') Level 68-Er-167  
 Cross Section -100.0 To 40.01 %



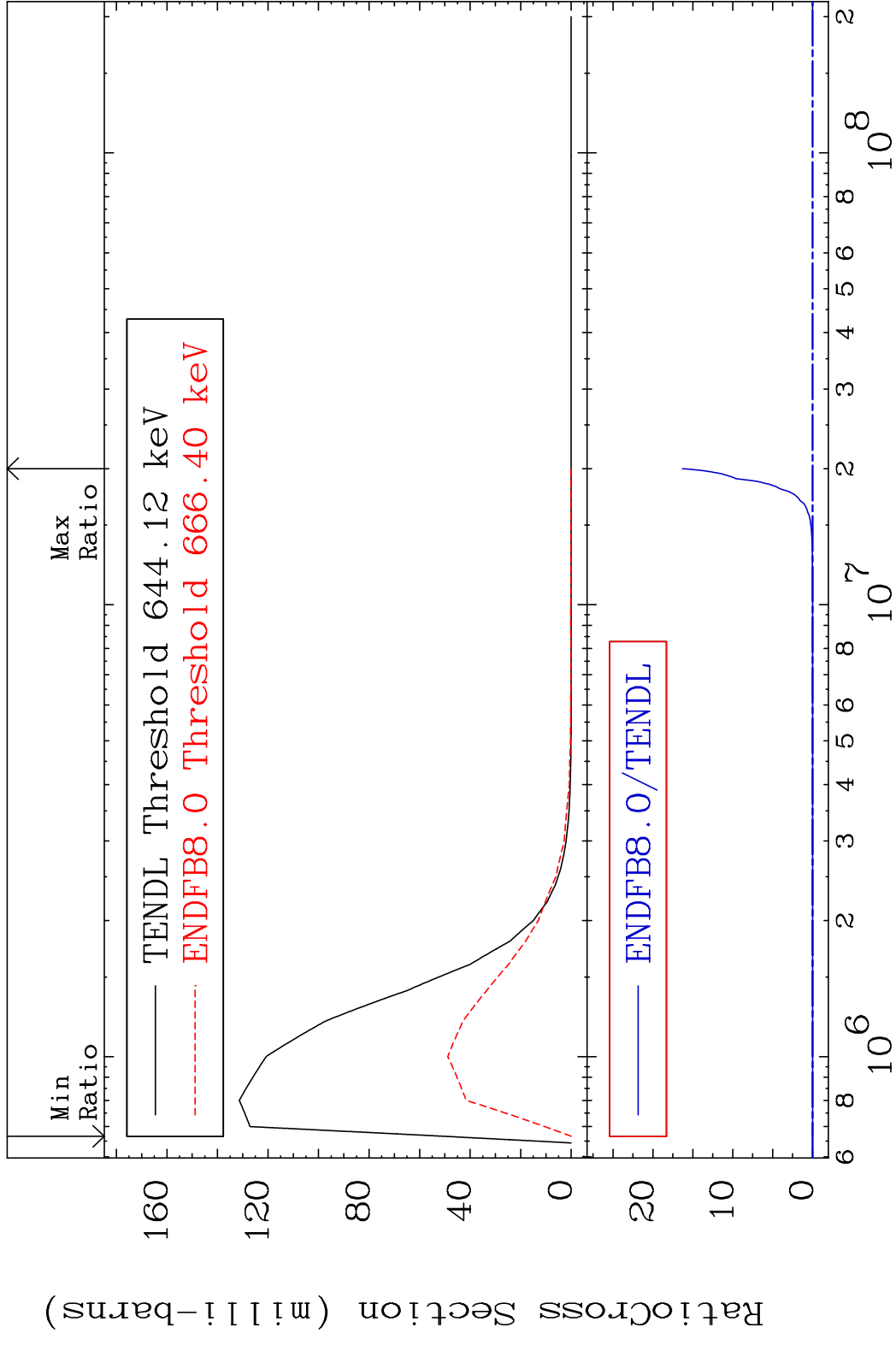
MAT 6840 MT= 66 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



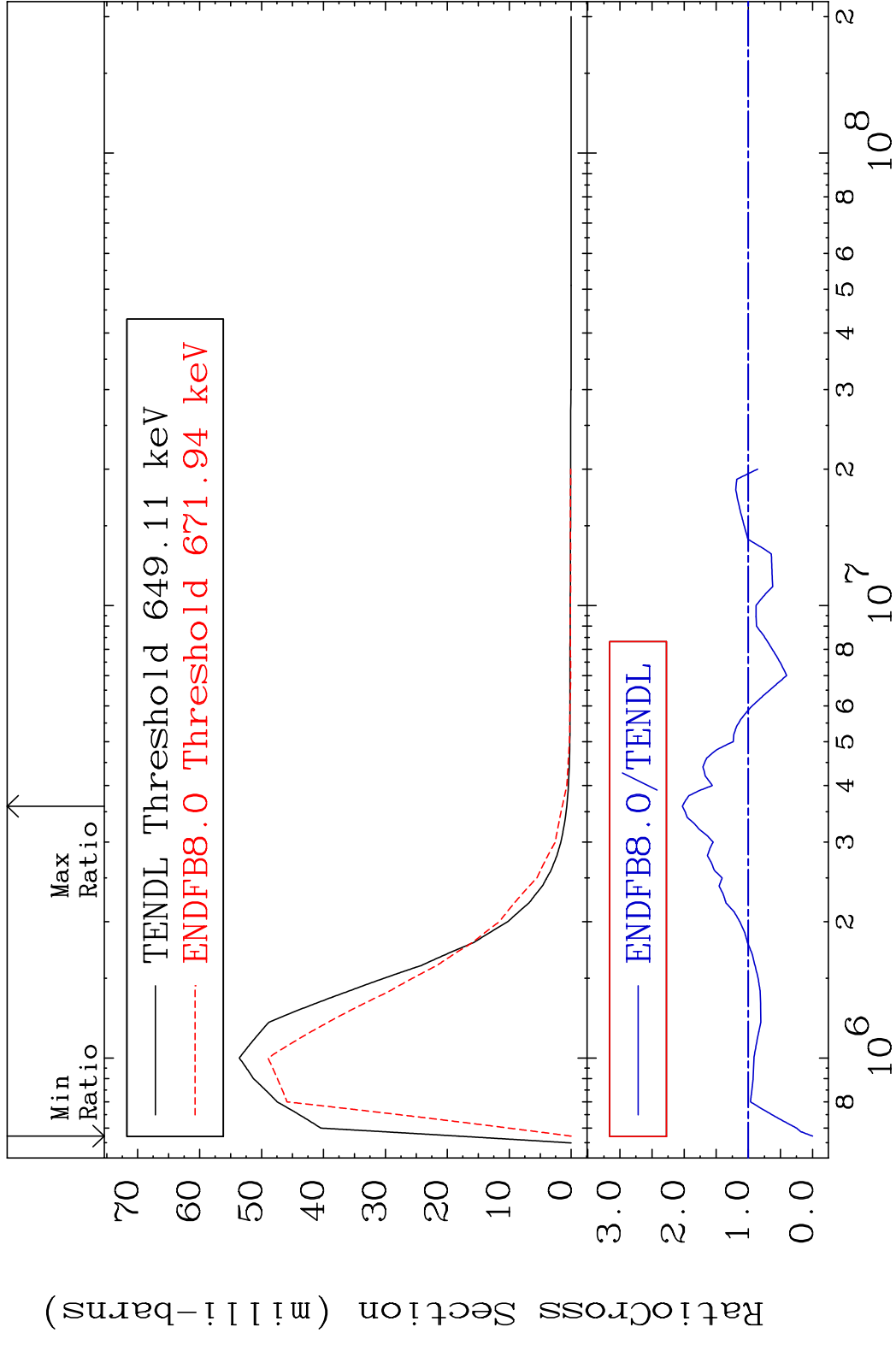
MAT 6840 MT= 67 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



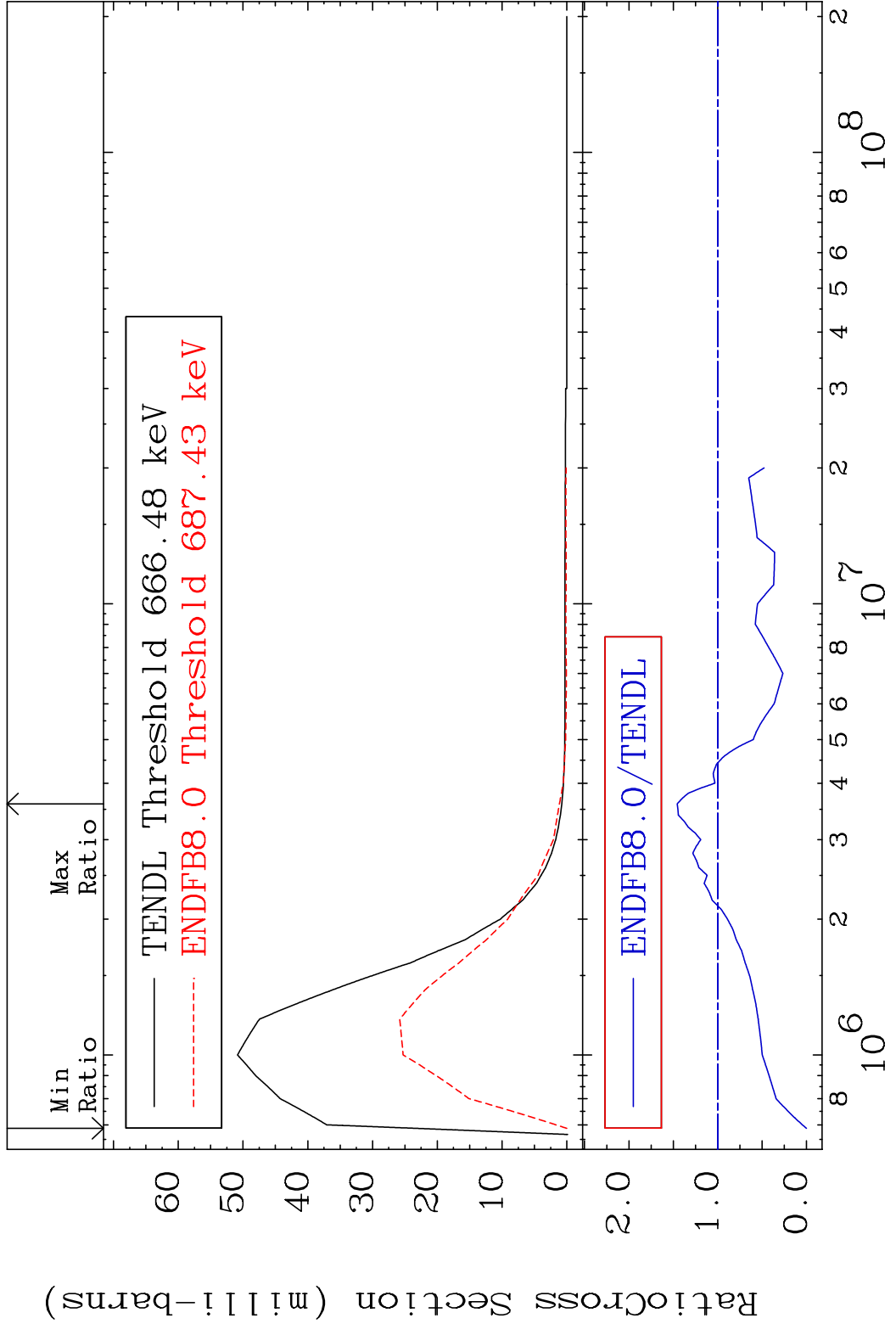
MAT 6840 MT= 68 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %



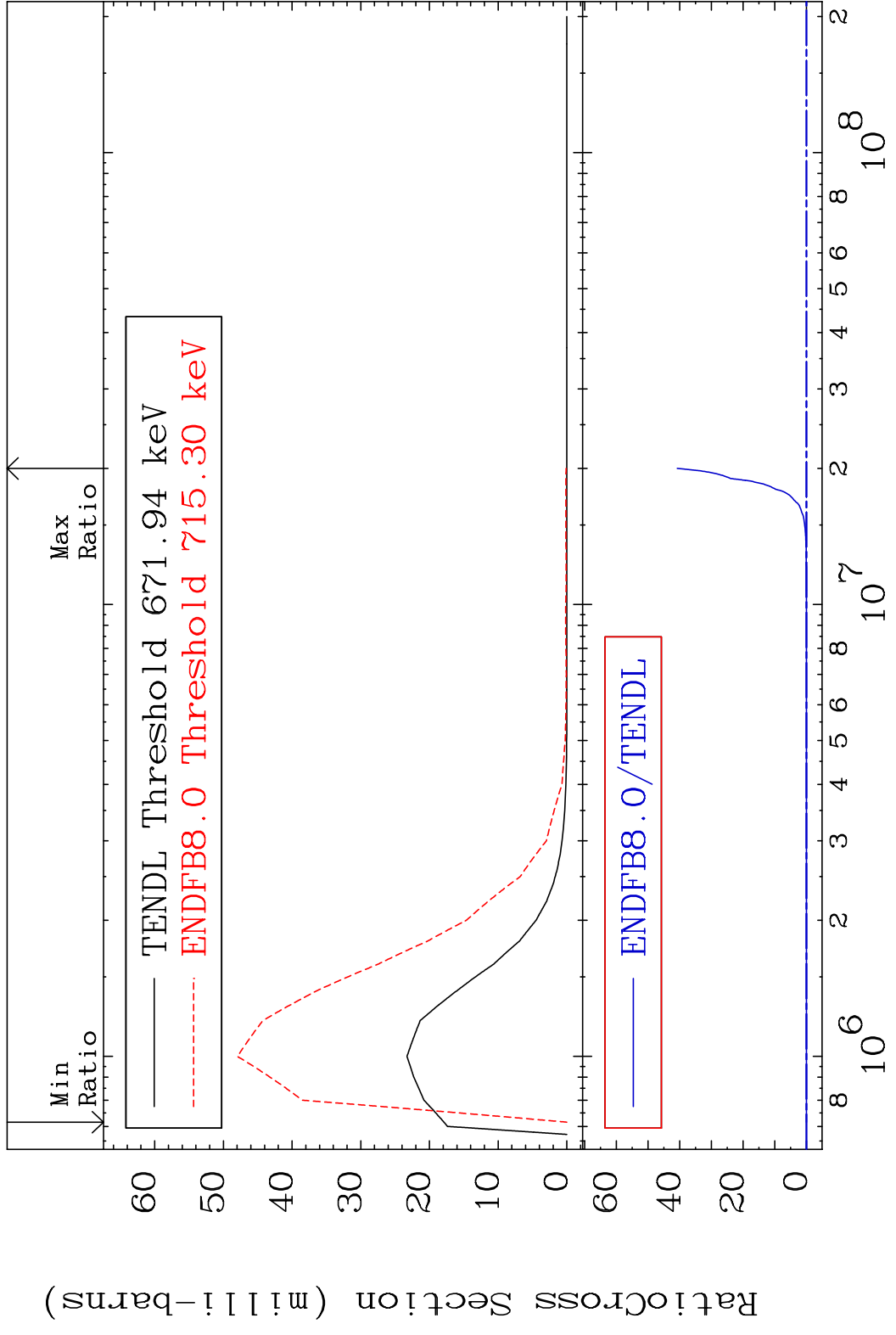
MAT 6840 MT= 69 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 102.8 %



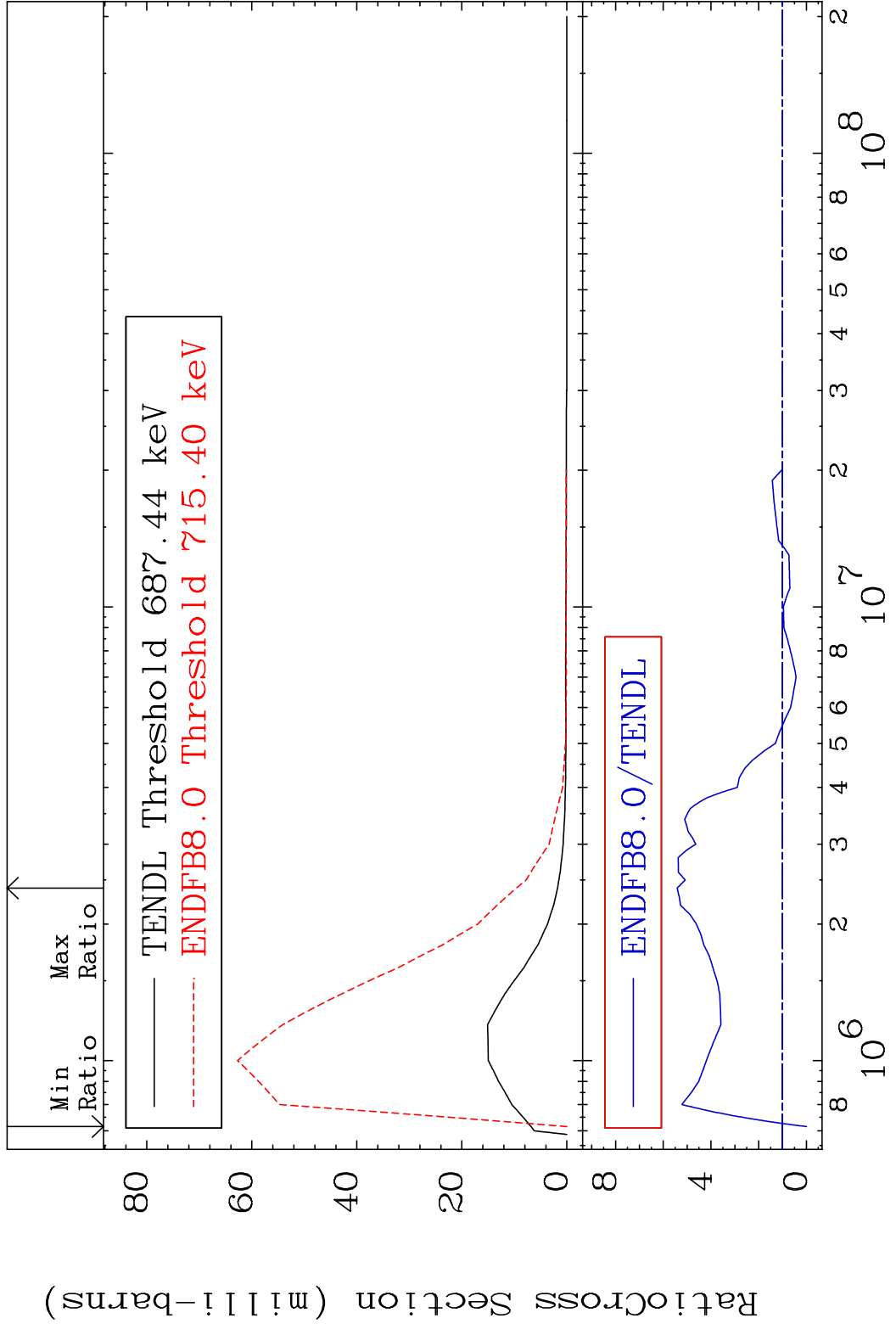
MAT 6840 MT= 70 (n,n') Level 68-Er-167  
 Cross Section -100.0 To 45.60 %



MAT 6840 MT= 71 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 9999. %

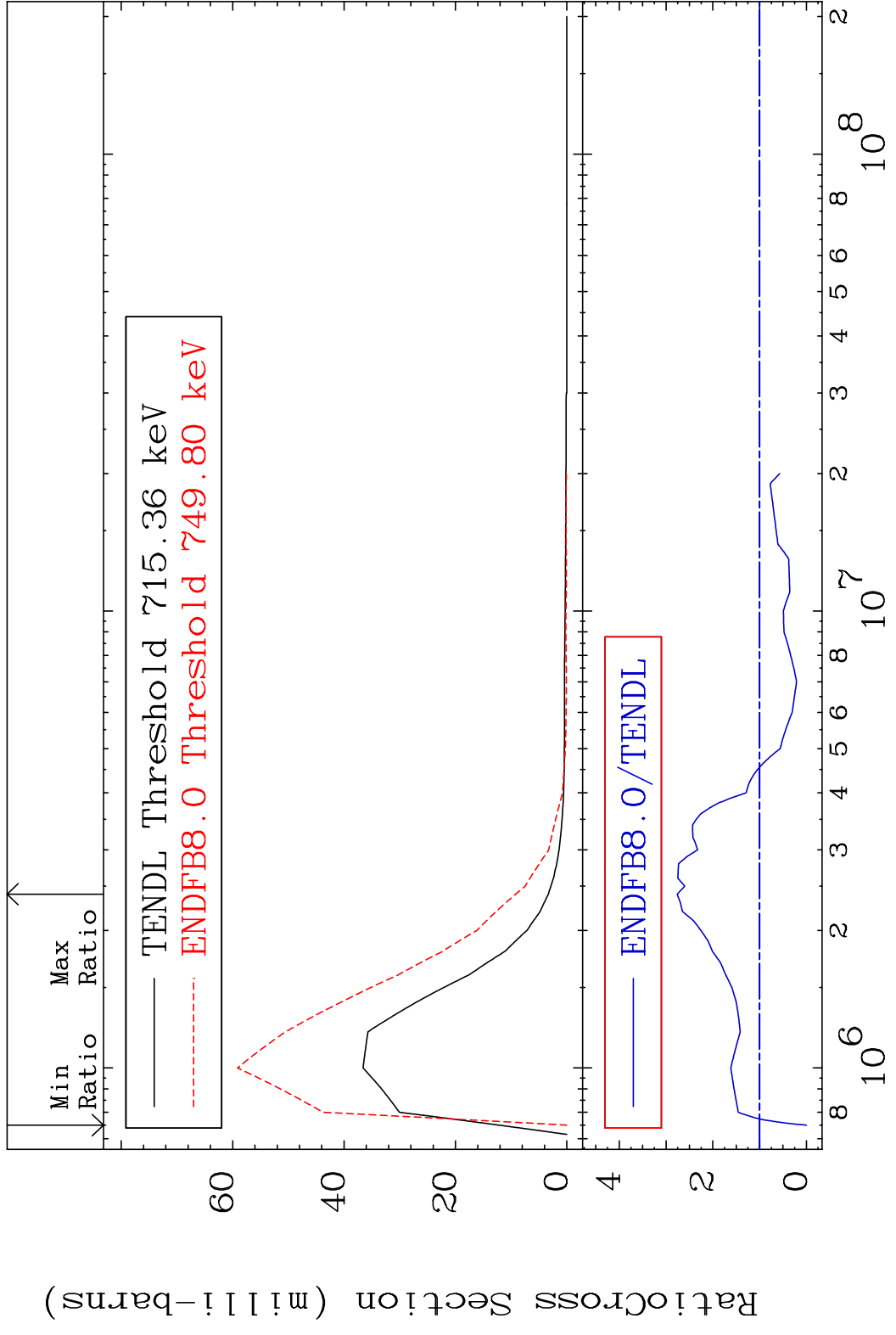


MAT 6840 MT= 72 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 441.7 %

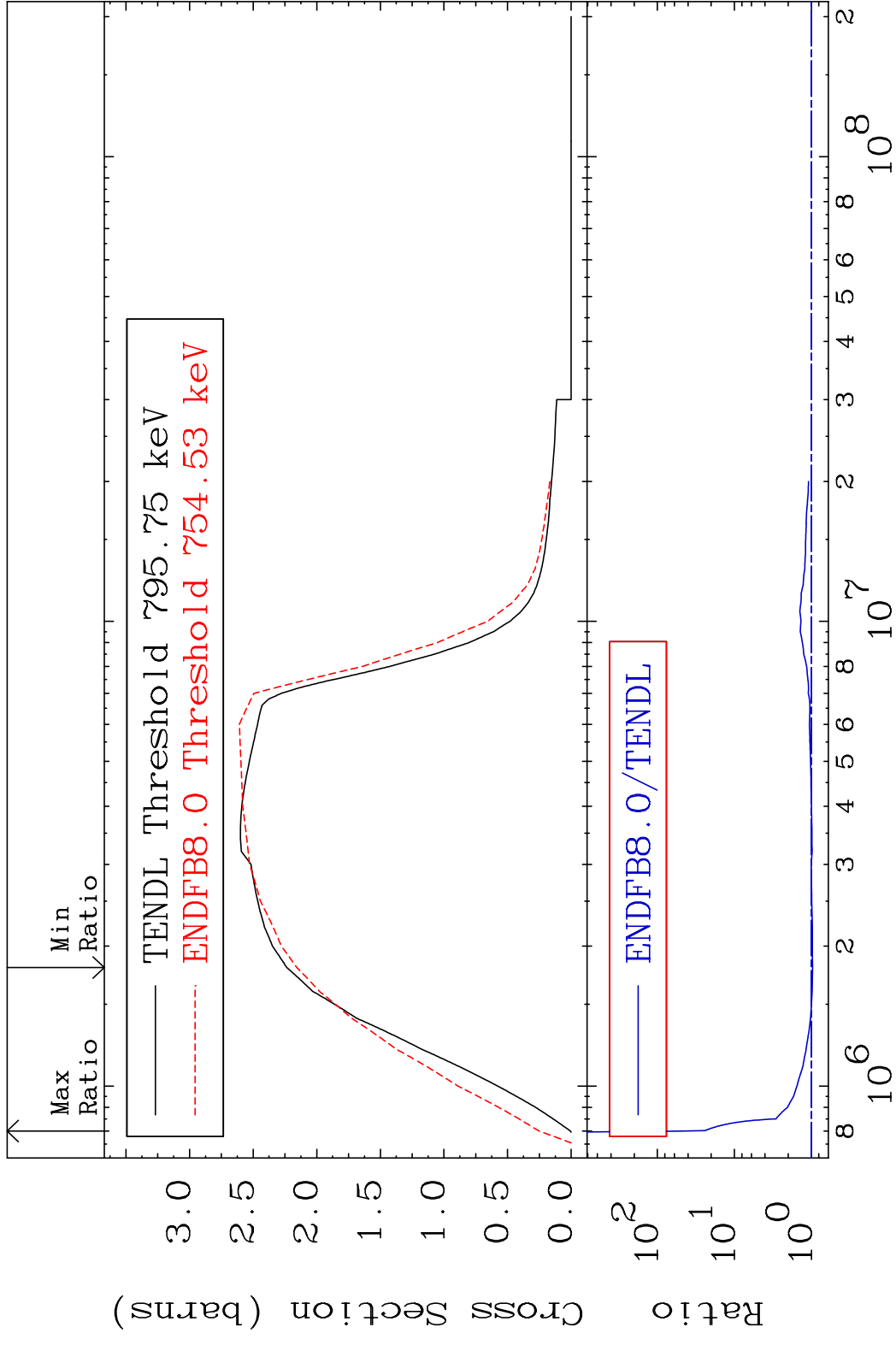


30 Incident Energy (eV) 68-Er-167

MAT 6840 MT= 73 (n, n') Level 68-Er-167  
 Cross Section -100.0 To 176.2 %



MAT 6840 (n,n') Continuum 68-Er-167  
 Cross Section -3.513 To 4634. %

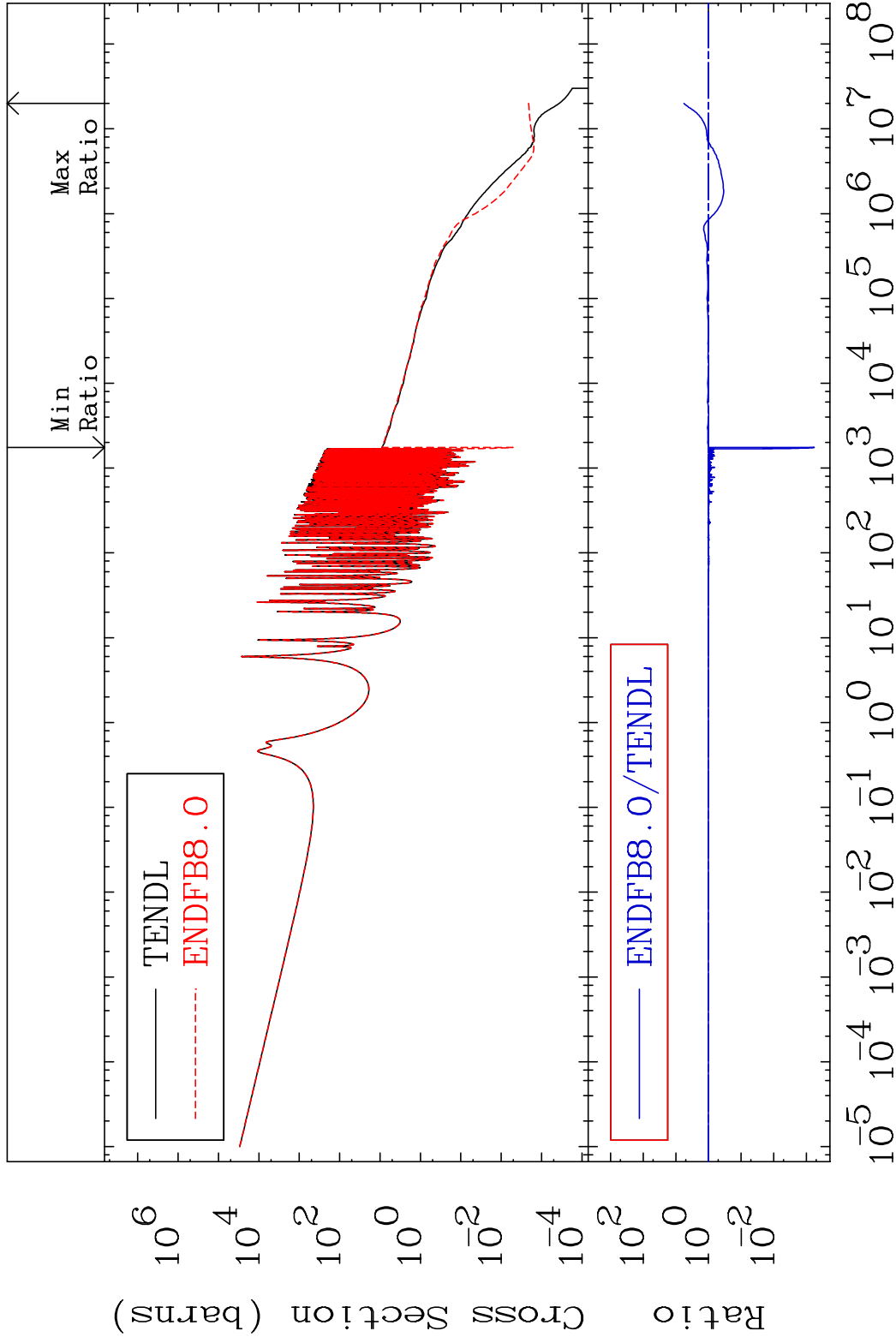


MAT 6840

(n,  $\gamma$ )

68-Er-167

Cross Section -99.94 To 475.9 %

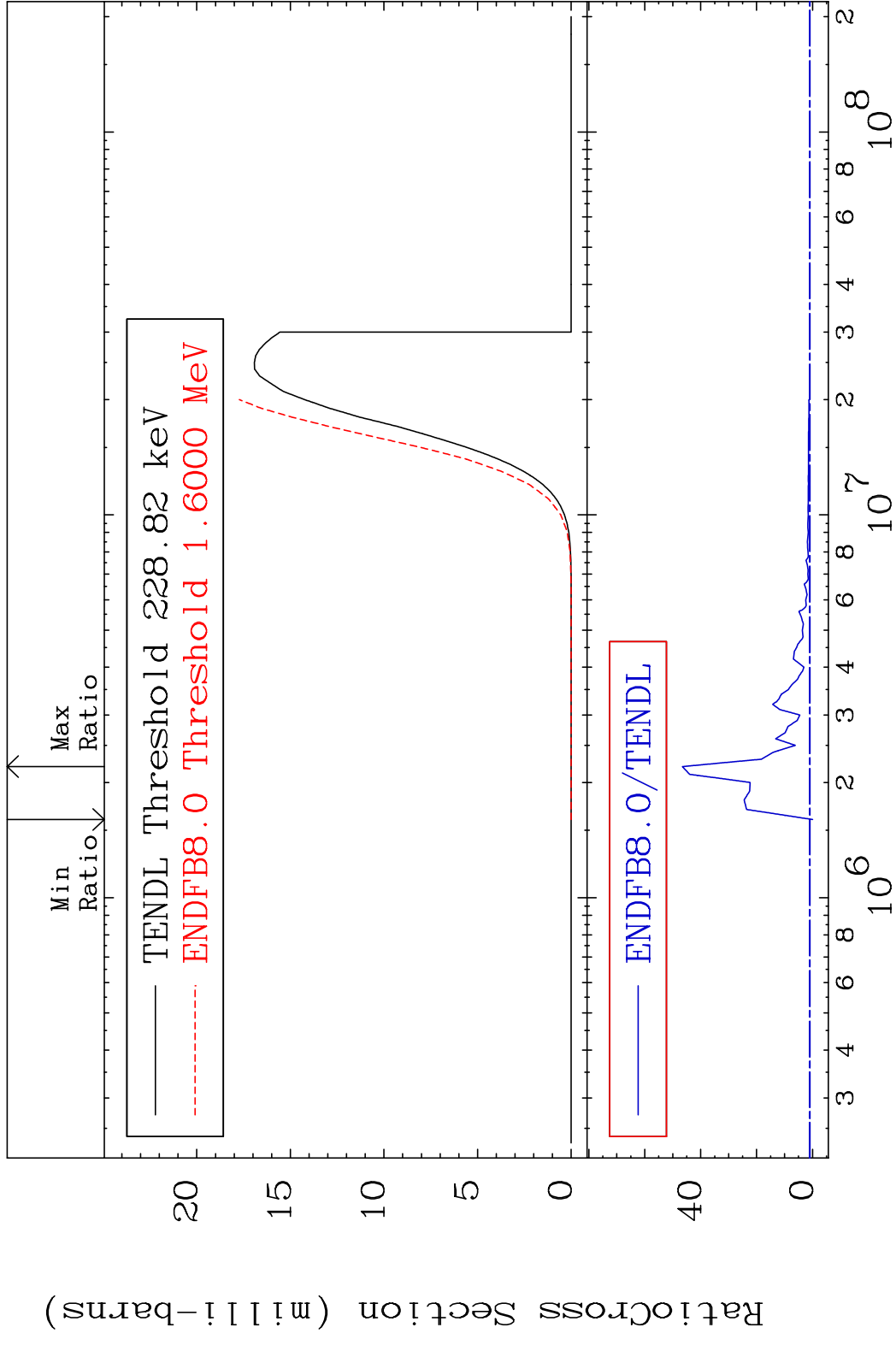


33

Incident Energy (eV)

68-Er-167

MAT 6840 (n,p) 68-Er-167  
 Cross Section -100.0 To 4555. %

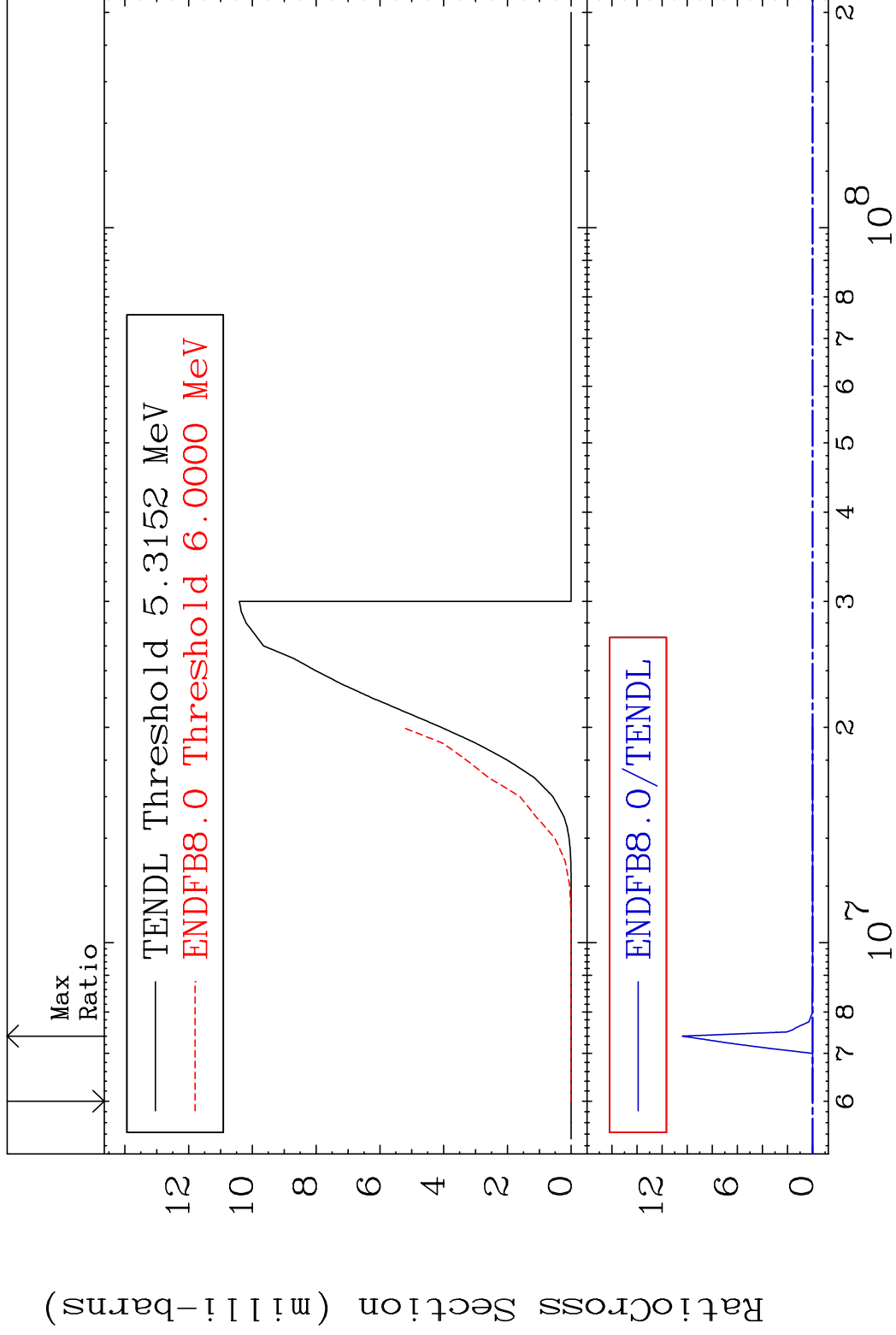


MAT 6840

(n,d)

68-Er-167

Cross Section -100.0 To 9999. %

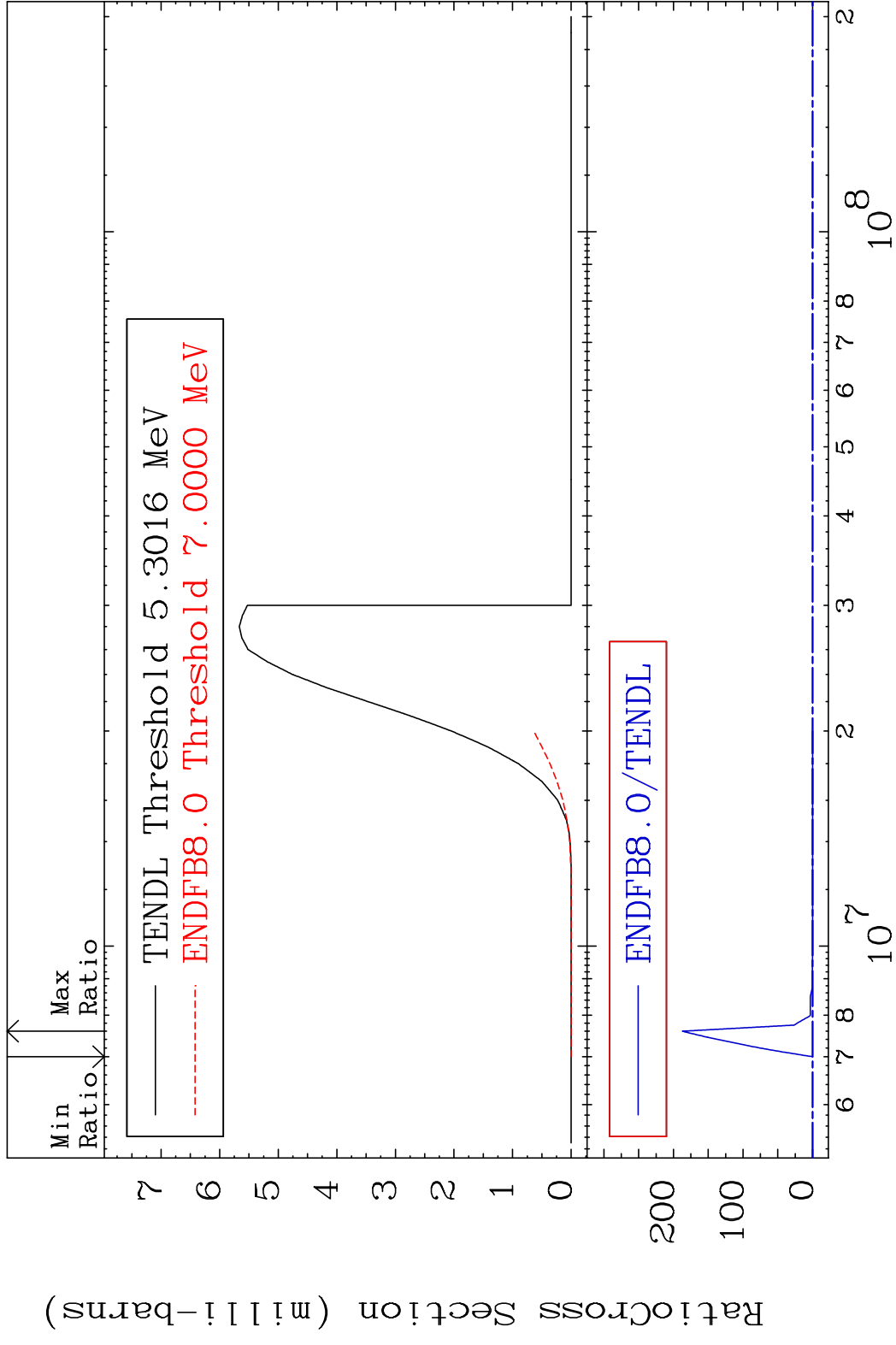


35

Incident Energy (eV)

68-Er-167

MAT 6840 (n, t) 68-Er-167  
 Cross Section -100.0 To 9999. %

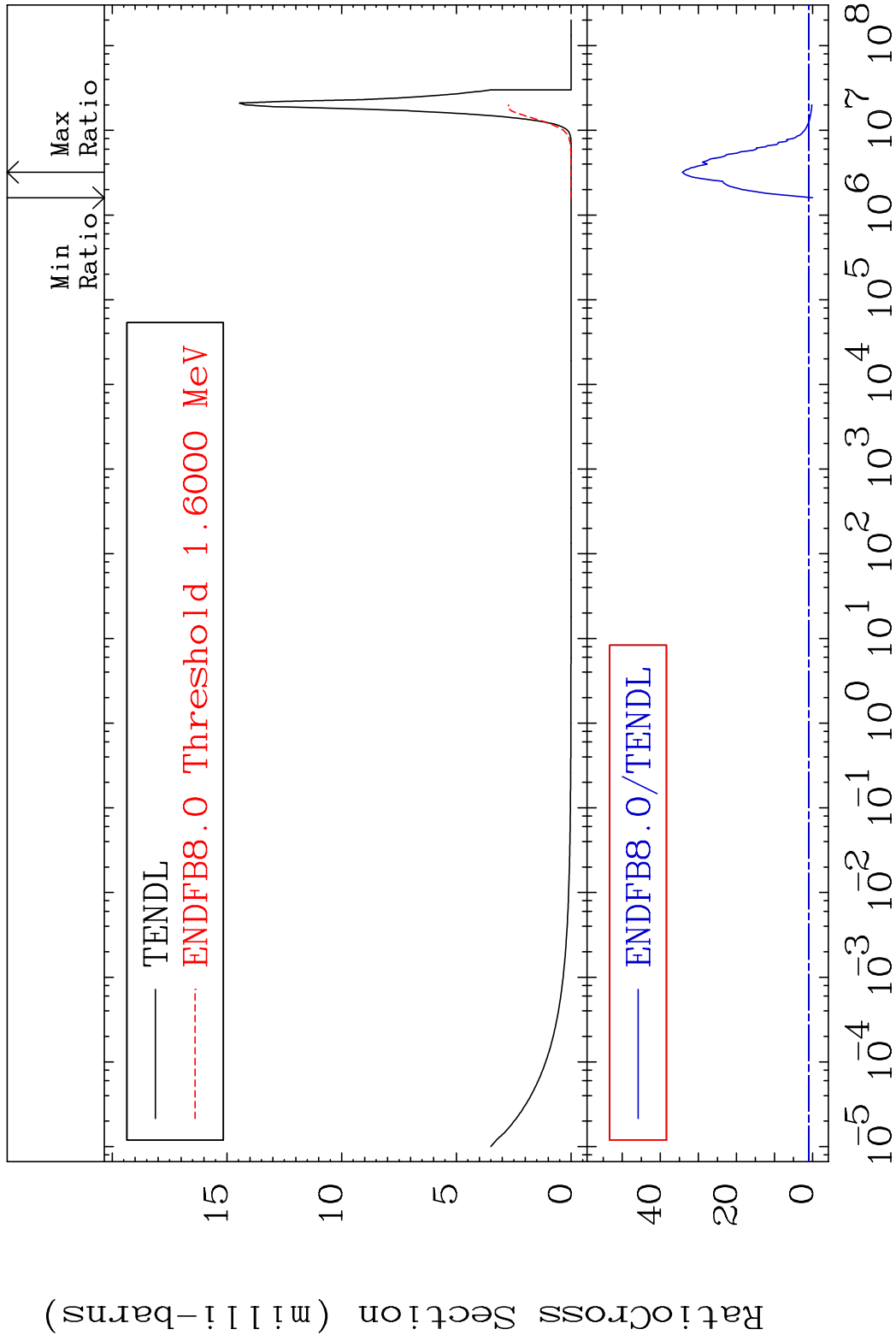


MAT 6840

(n,  $\alpha$ )

68-Er-167

Cross Section -100.0 To 3321. %

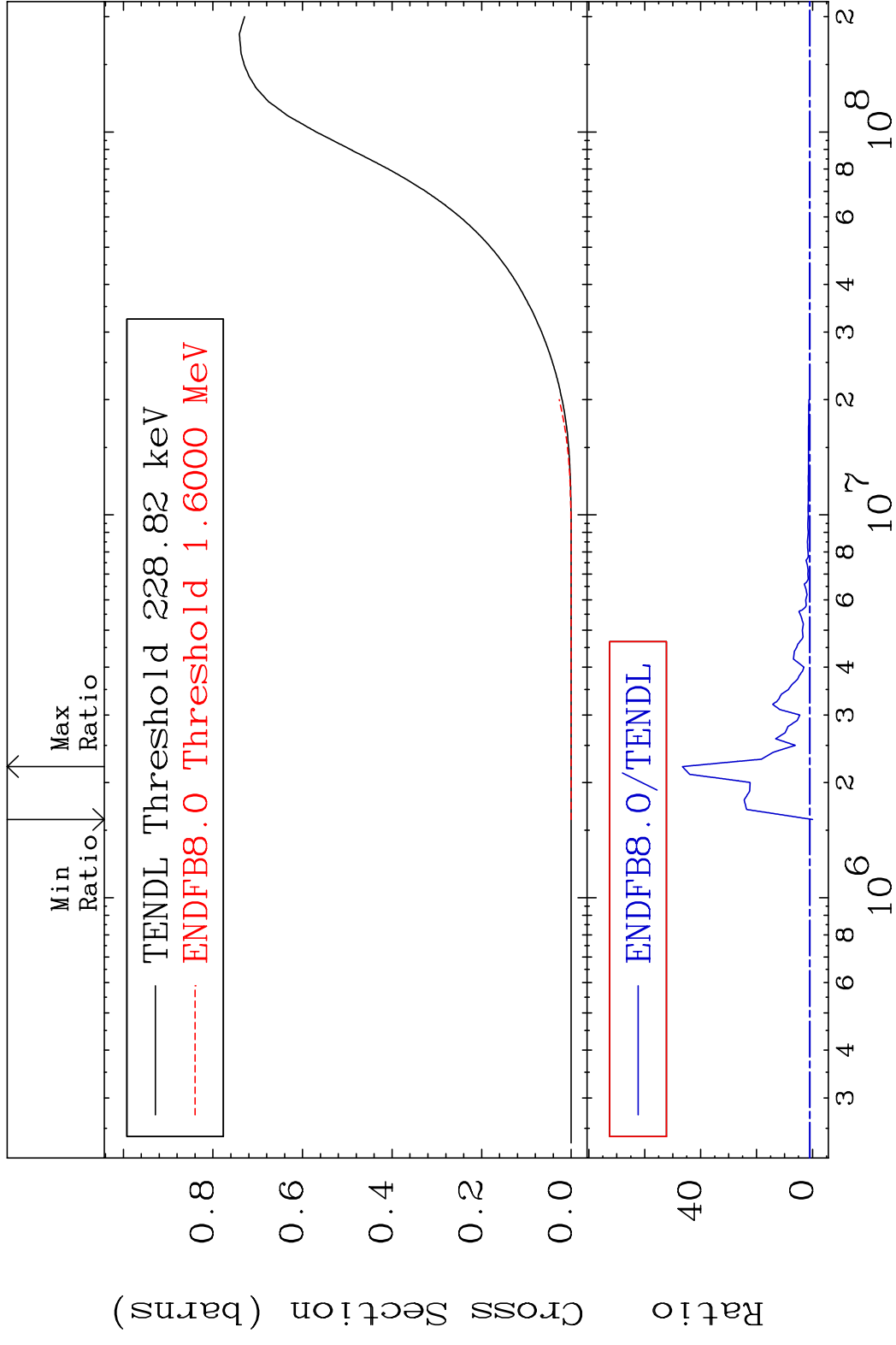


37

Incident Energy (eV)

68-Er-167

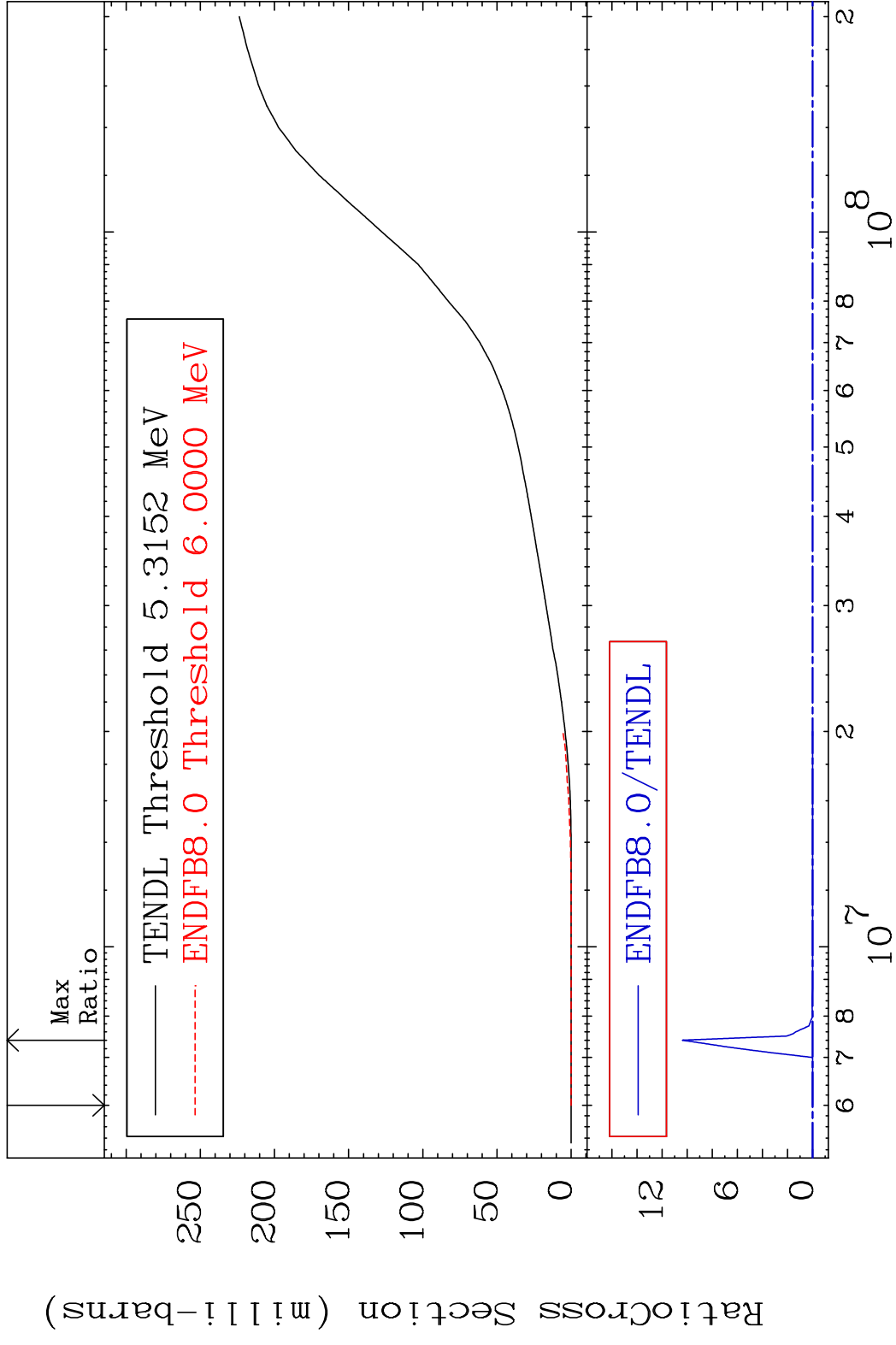
MAT 6840 Hydrogen Production 68-Er-167  
 Cross Section -100.0 To 4555. %



MAT 6840

Deuterium Production 68-Er-167

Cross Section -100.0 To 9999. %



39

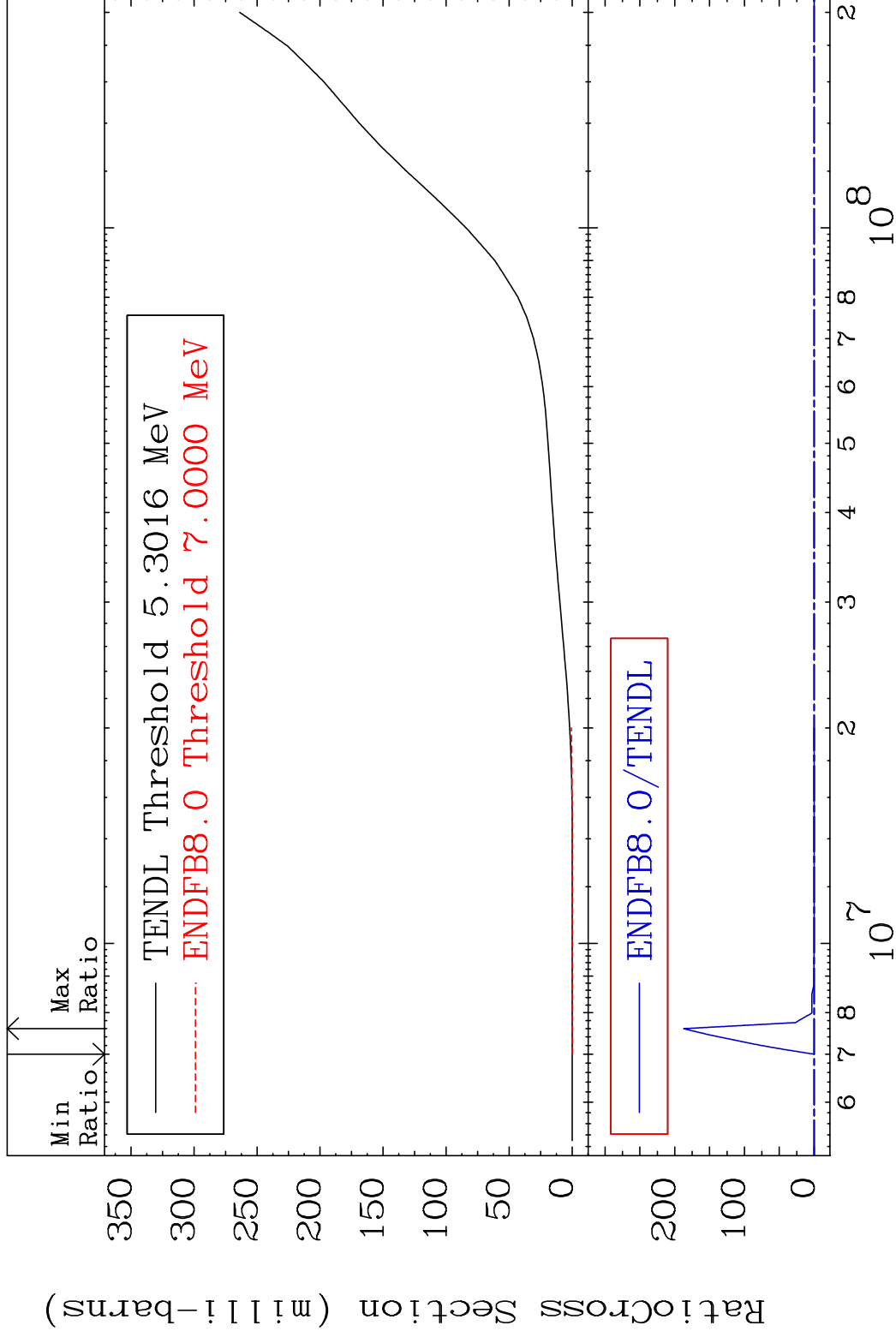
Incident Energy (eV)

68-Er-167

MAT 6840

Tritium Production 68-Er-167

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

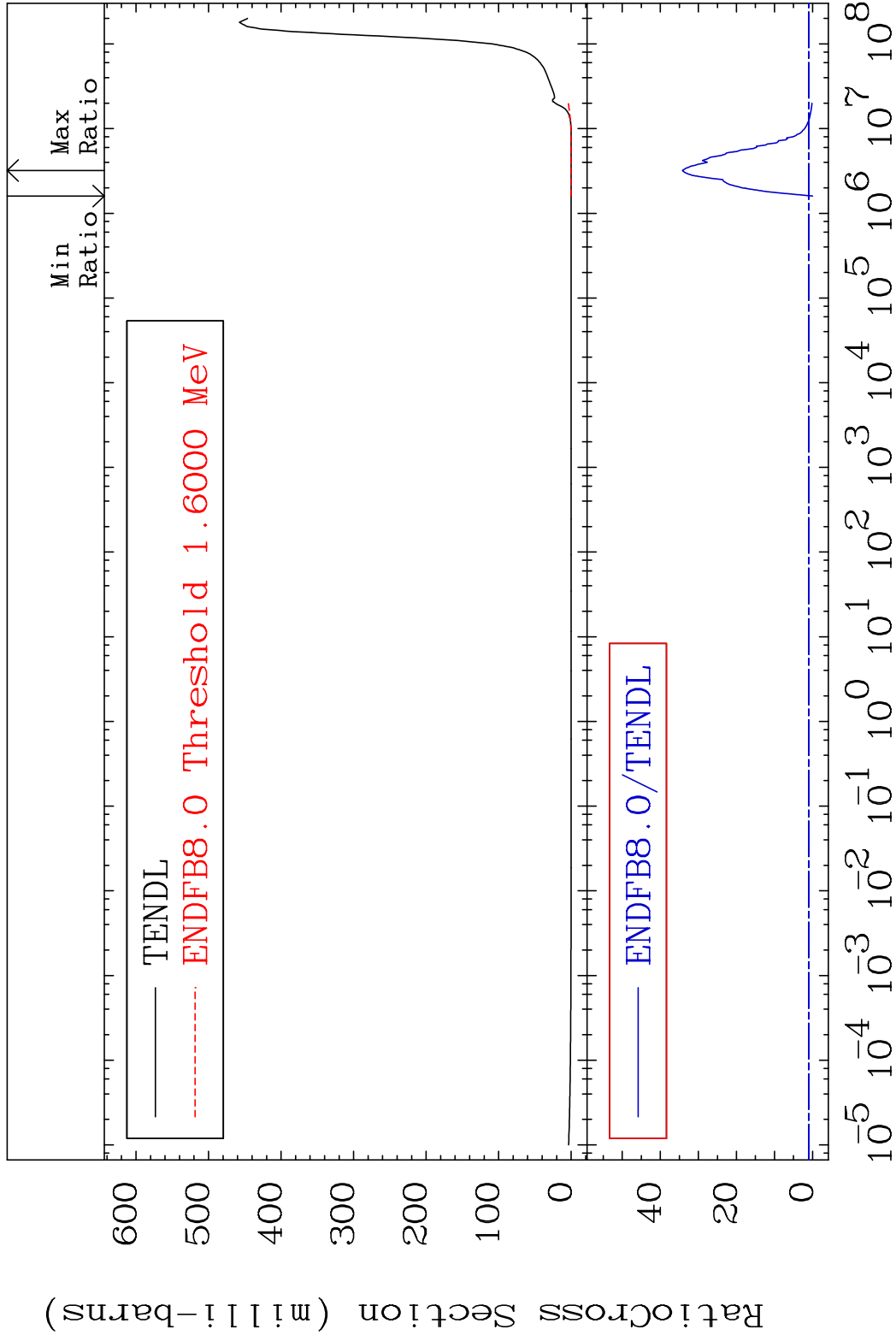
68-Er-167

MAT 6840

He-4 Production

68-Er-167

Cross Section -100.0 To 3321. %

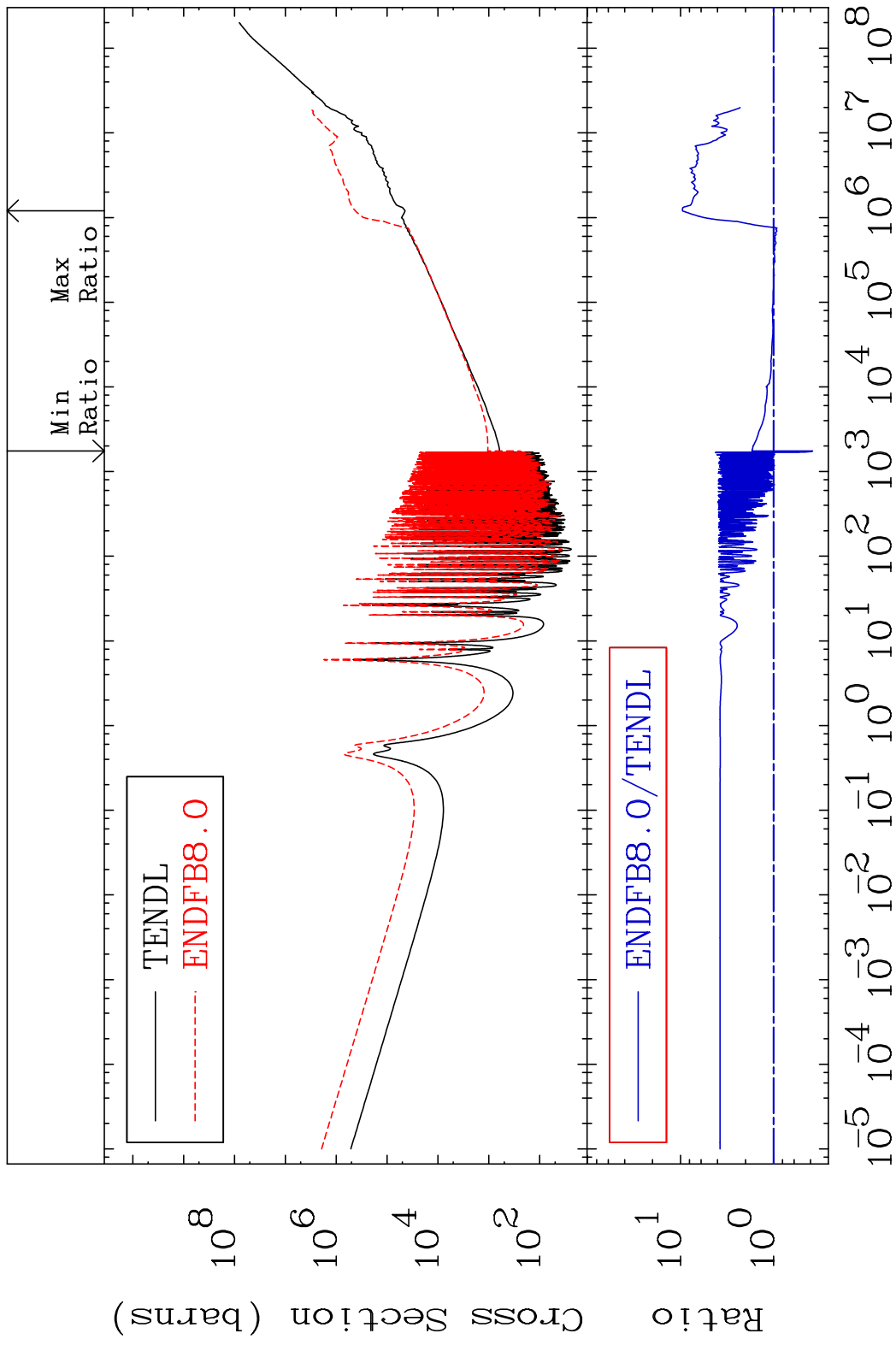


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Incident Energy (eV)

68-Er-167

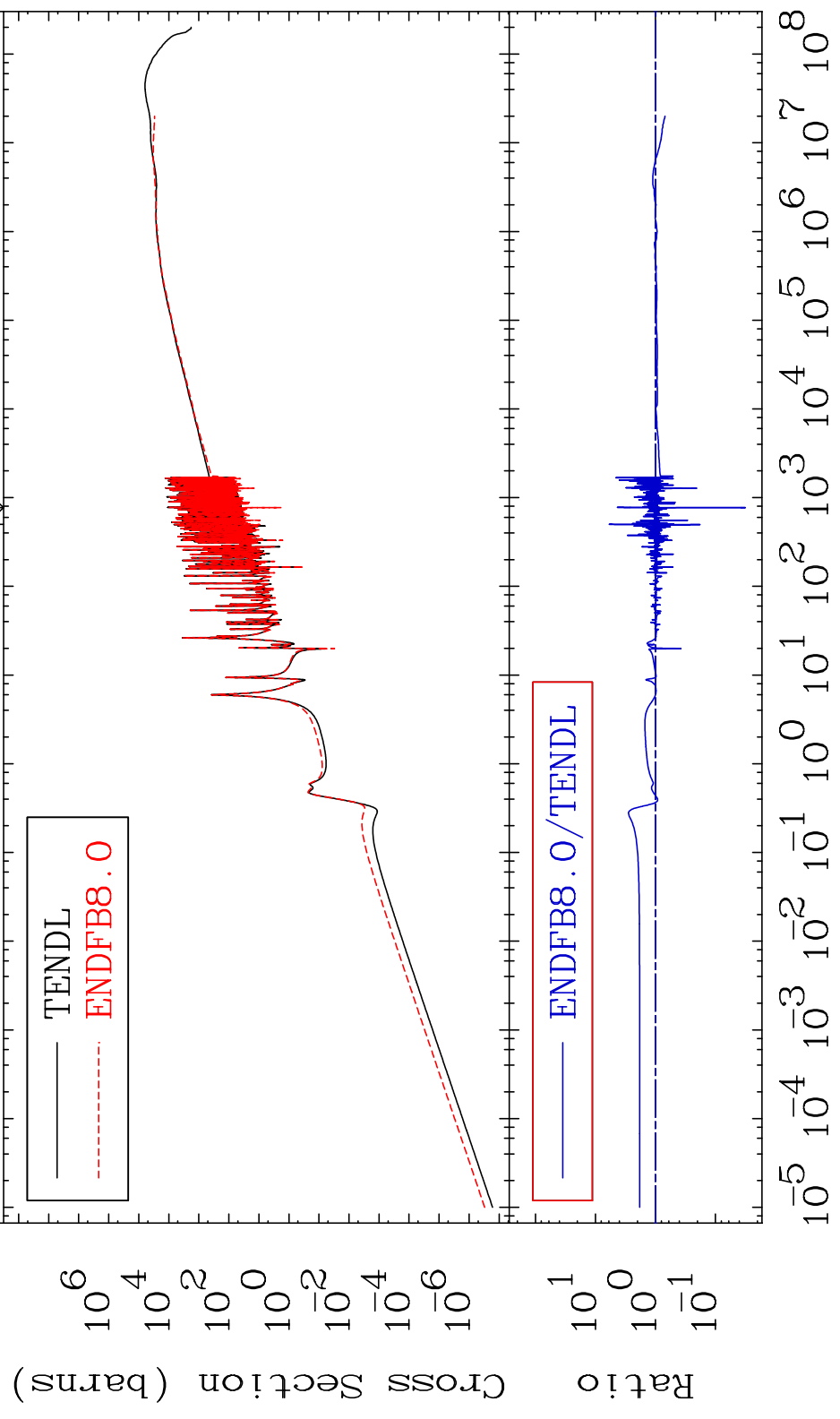
MAT 6840 Kerma total (eV-barns) 68-Er-167  
 Cross Section -62.00 To 856.3 %



MAT 6840

Kerma elastic  
Cross Section -96.83 To 494.1 %

68-Er-167

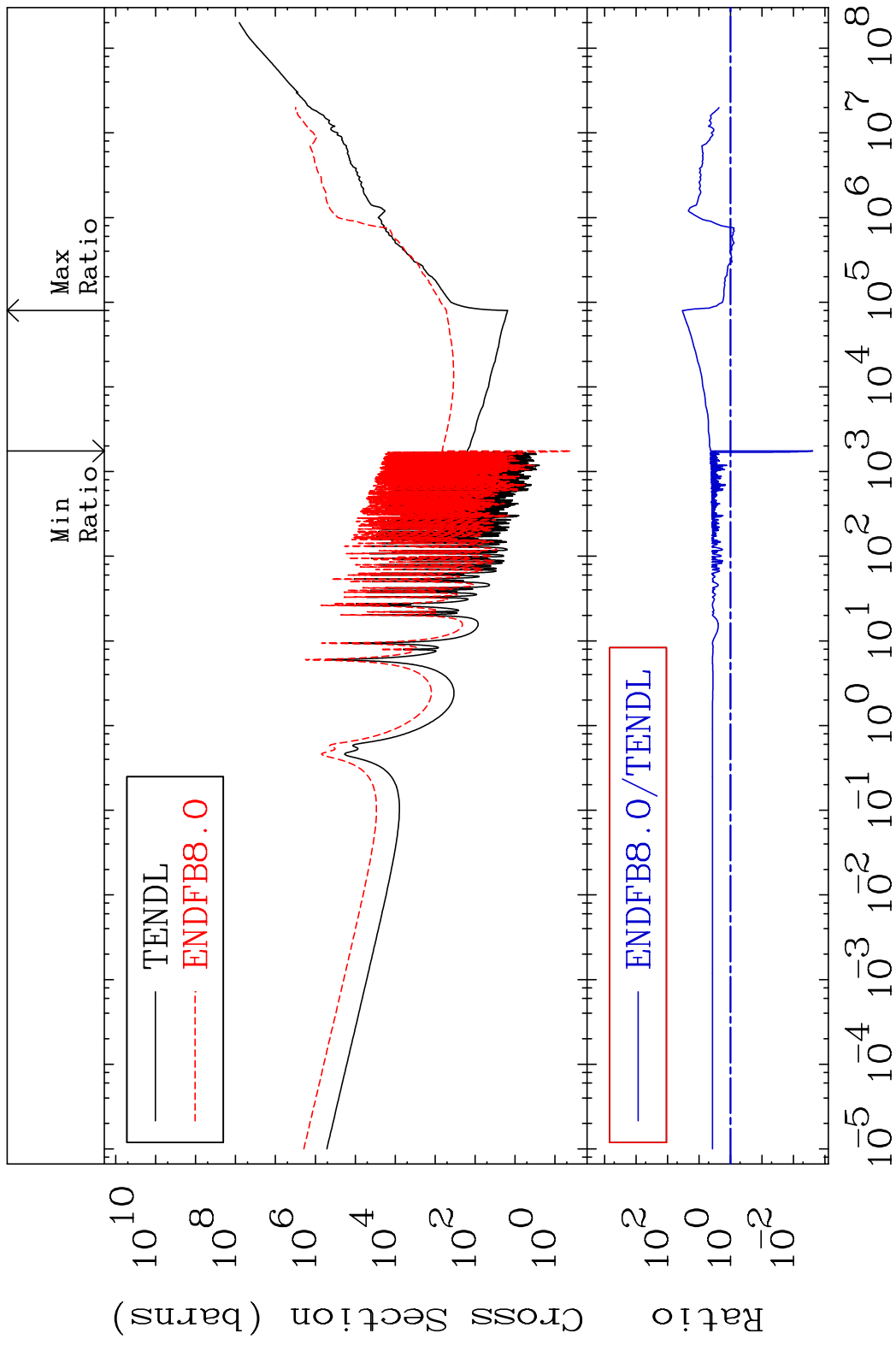


43

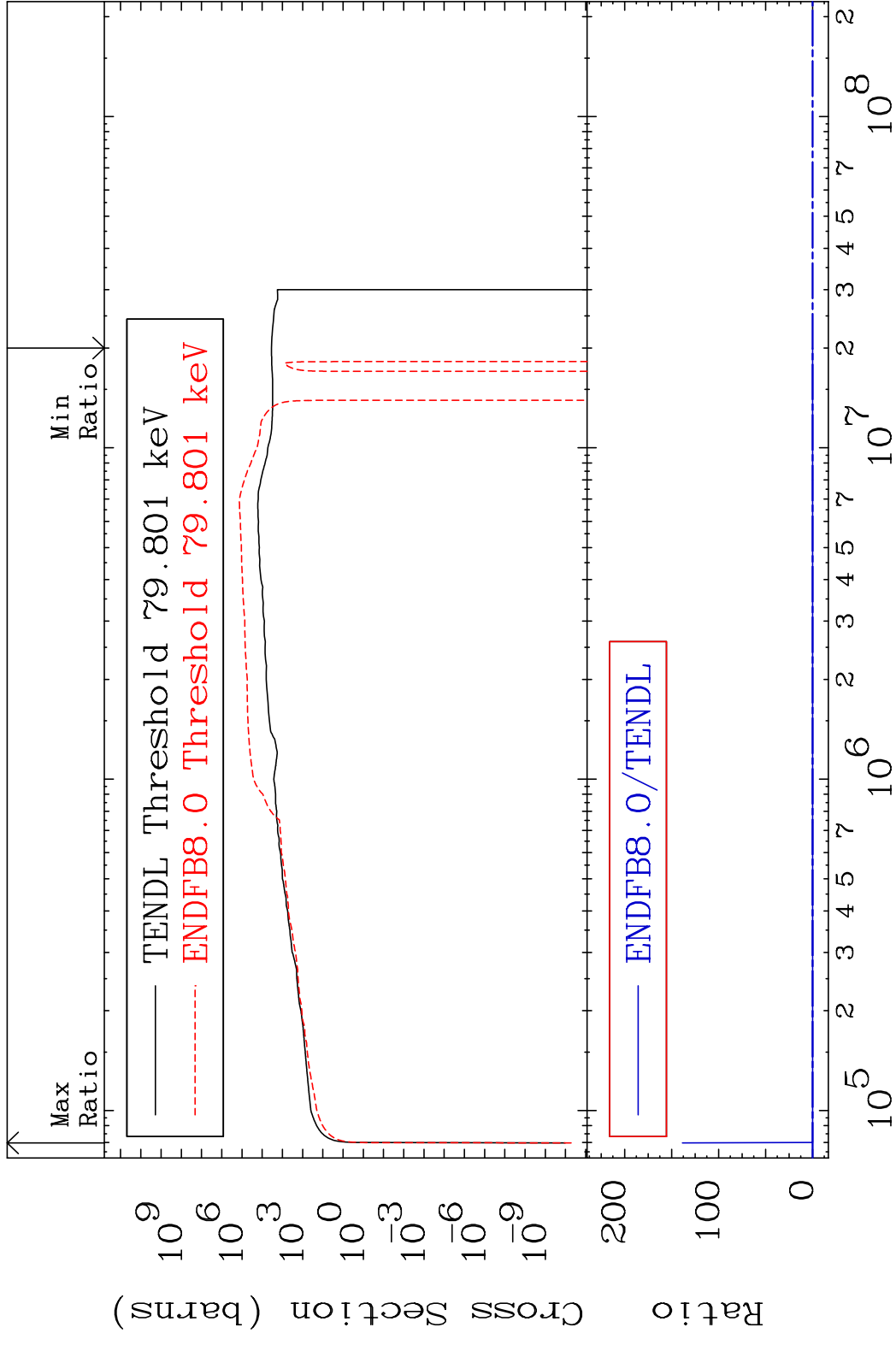
Incident Energy (eV)

68-Er-167

MAT 6840 Kerma non-elastic (all but mt2) 68-Er-167  
 Cross Section -99.75 To 3312. %

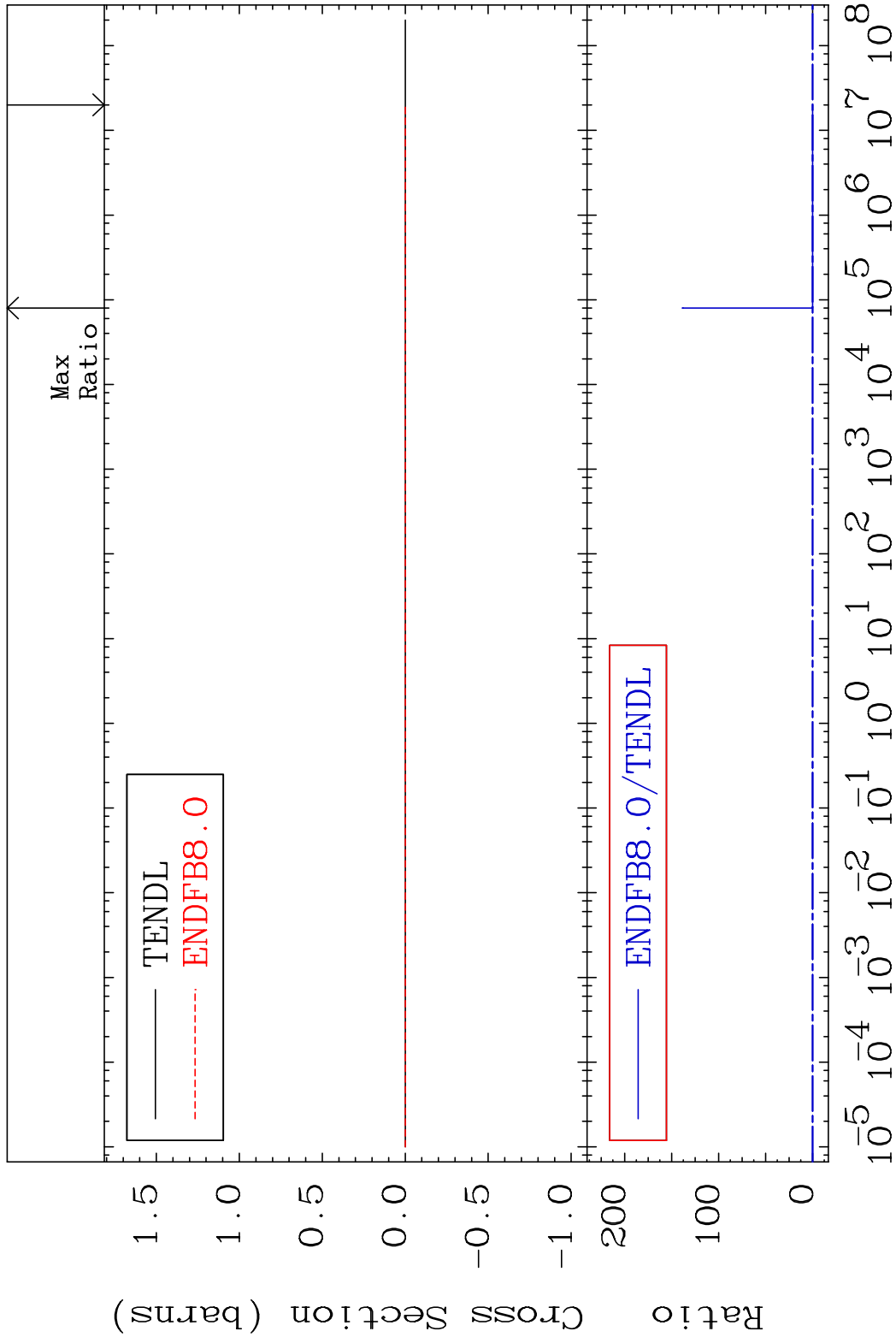


MAT 6840 Kerma inelastic (mt51-91) 68-Er-167  
 Cross Section -286.7 To 9999. %



45 Incident Energy (eV) 68-Er-167

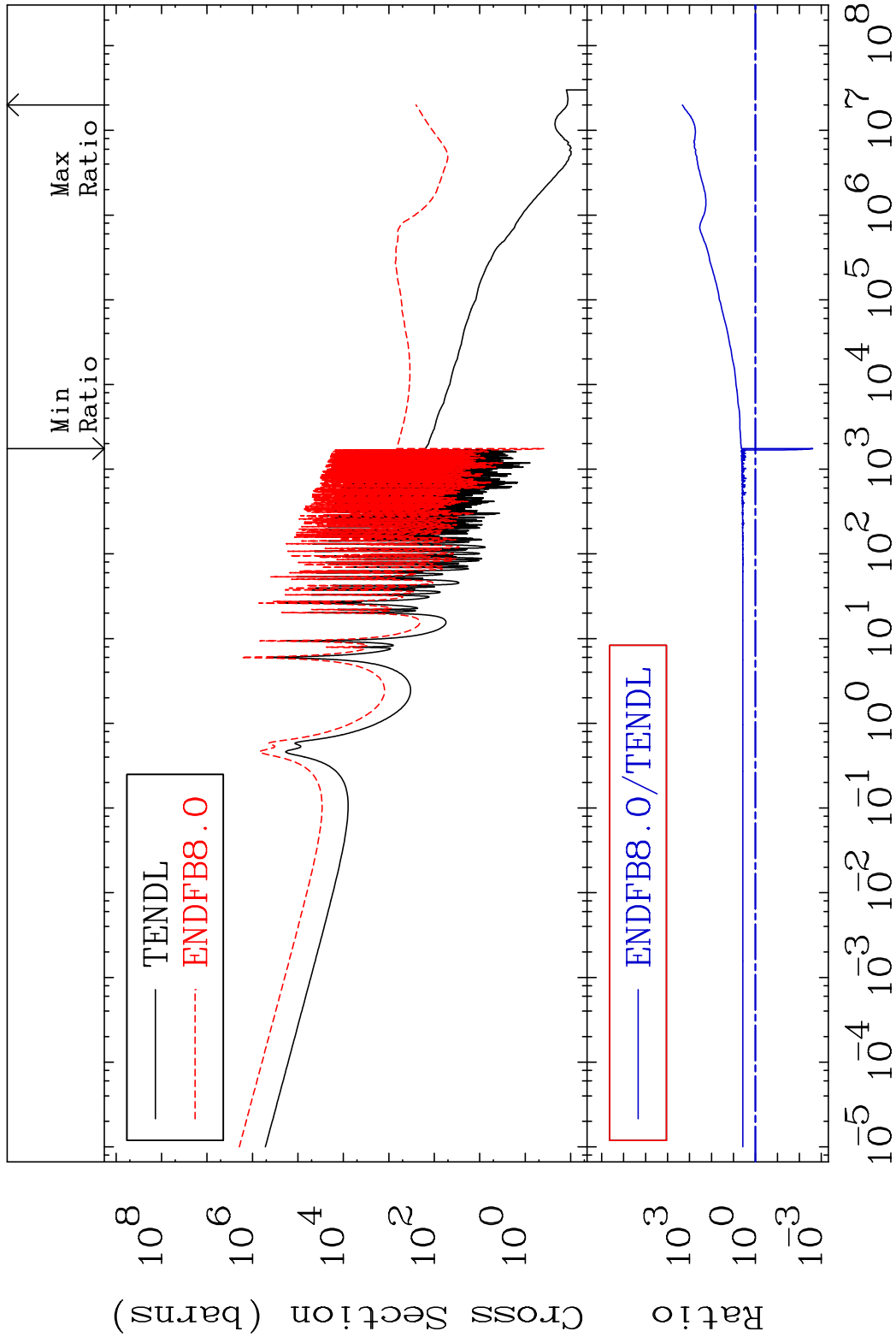
MAT 6840 Kerma fission (mt18 or mt19-20-21-38) 68-Er-167  
 Cross Section -286.7 To 9999. %



MAT 6840

Kerma capture (mt102) 68-Er-167

Cross Section -99.75 To 9999. %



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Incident Energy (eV)

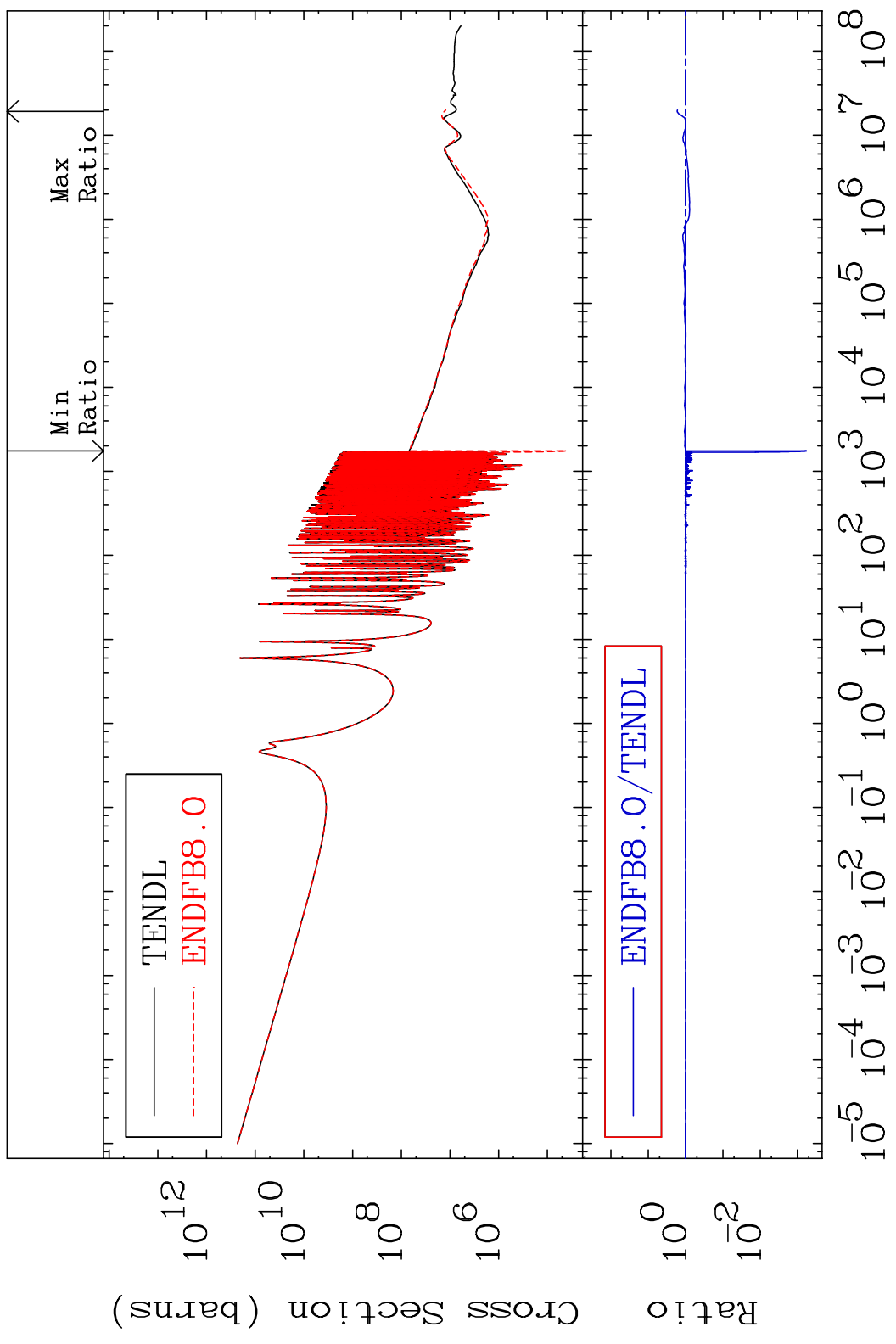
68-Er-167

MAT 6840

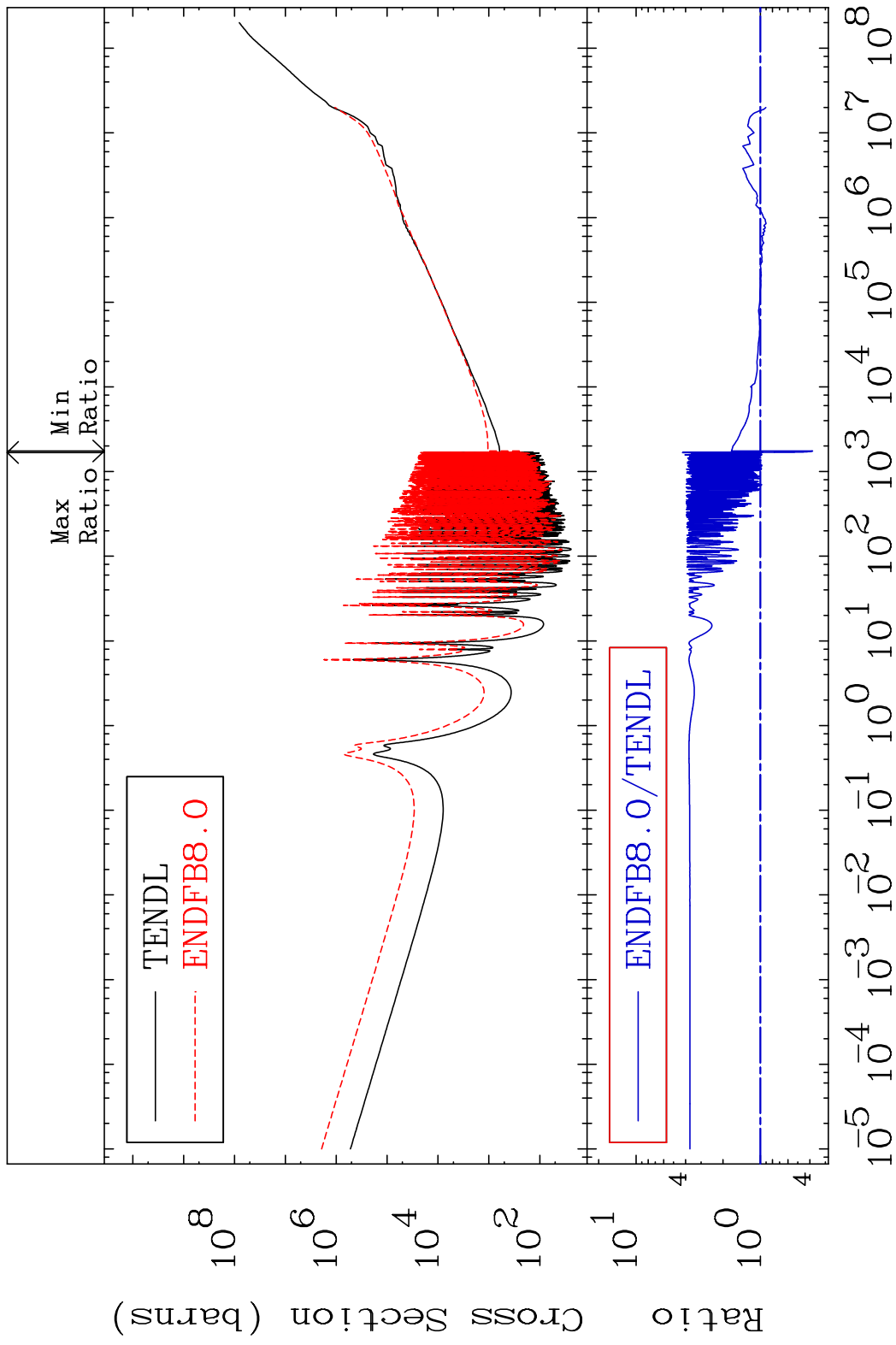
Total photon (eV-barns)

68-Er-167

Cross Section -99.94 To 67.92 %



MAT 6840 Total kinematic kerma (high limit) 68-Er-167  
 Cross Section -62.00 To 324.3 %

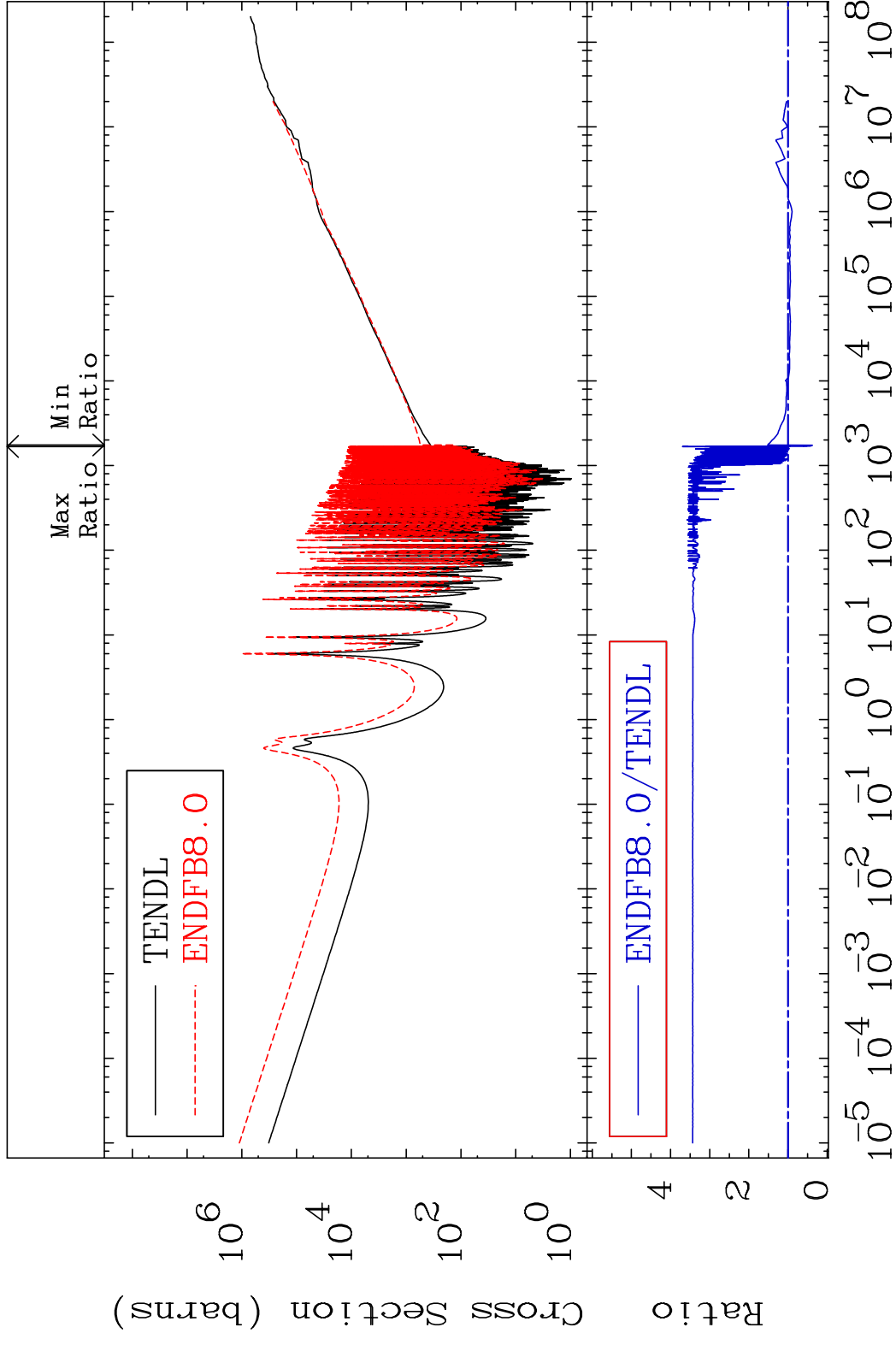


MAT 6840

Dpa total (eV-barns)

68-Er-167

Cross Section -62.67 To 269.9 %



50

Incident Energy (eV)

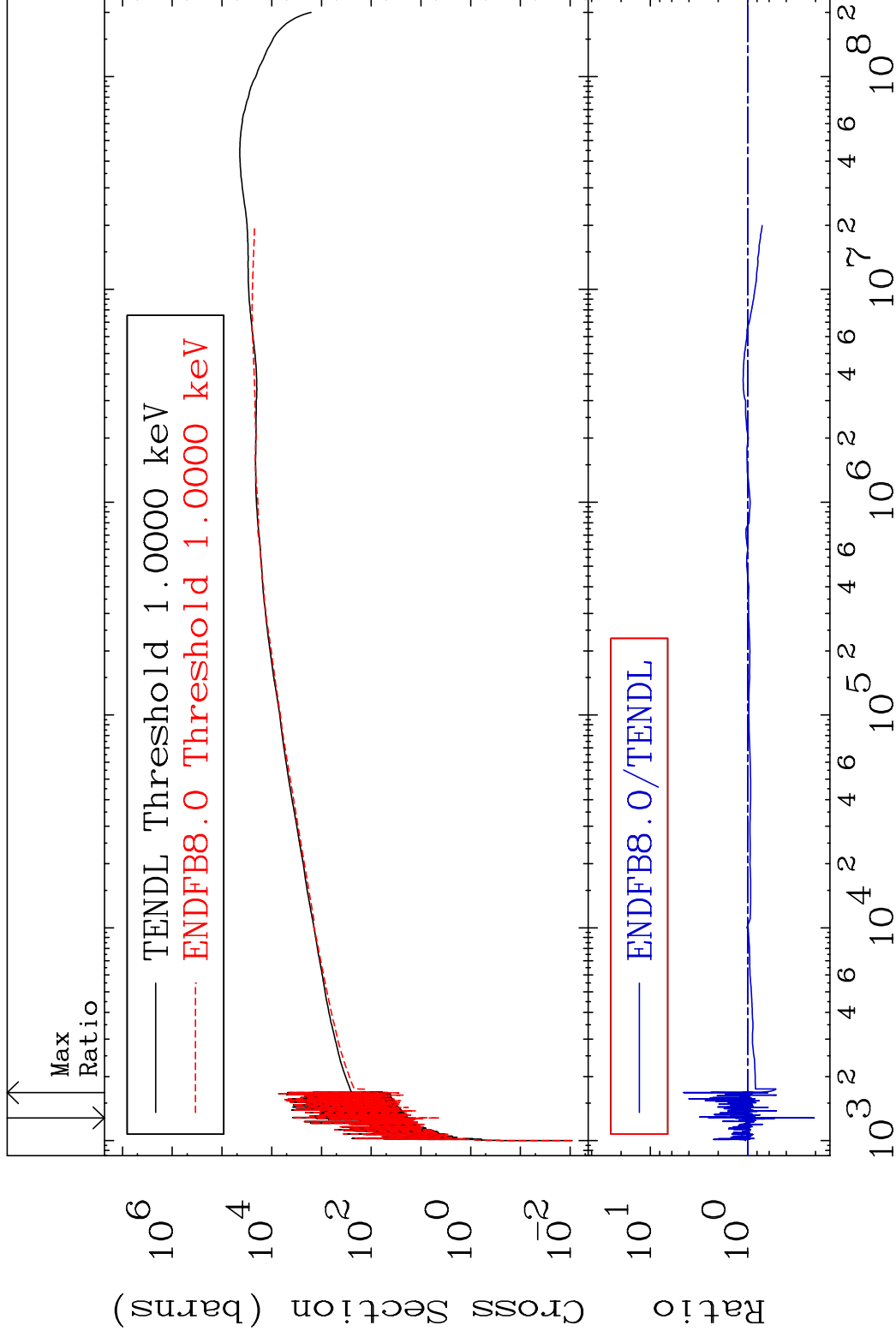
68-Er-167

MAT 6840

Dpa elastic (mt2)

68-Er-167

Cross Section -79.29 To 354.0 %

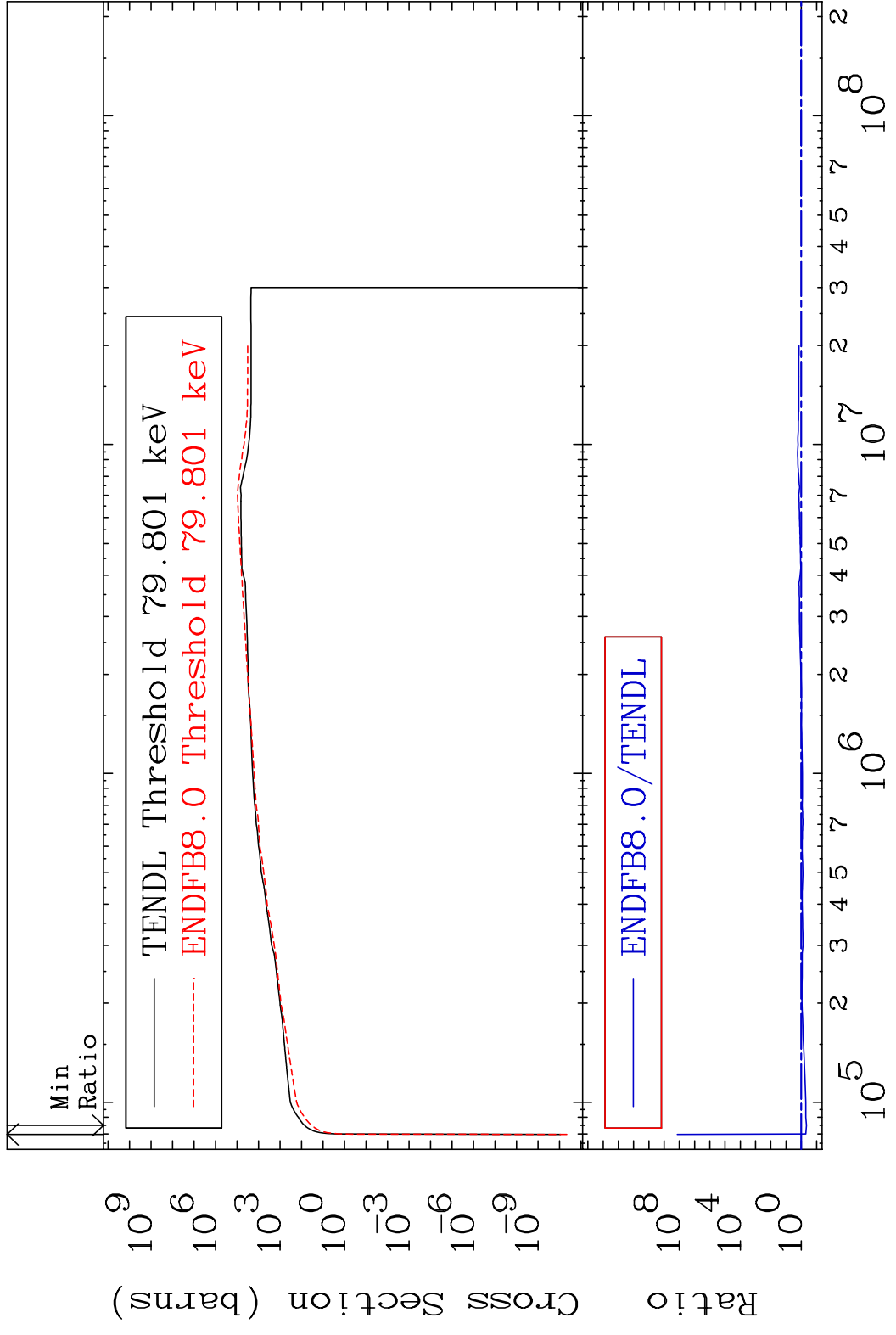


51

Incident Energy (eV)

68-Er-167

MAT 6840      Dpa inelastic (mt51-91)      68-Er-167  
 Cross Section      -53.84 To 9999. %



MAT 6840 Dpa disappearance (mt102 -120) 68-Er-167  
 Cross Section -99.80 To 1482. %

