

Program Complot
(Version 2021-1)

by

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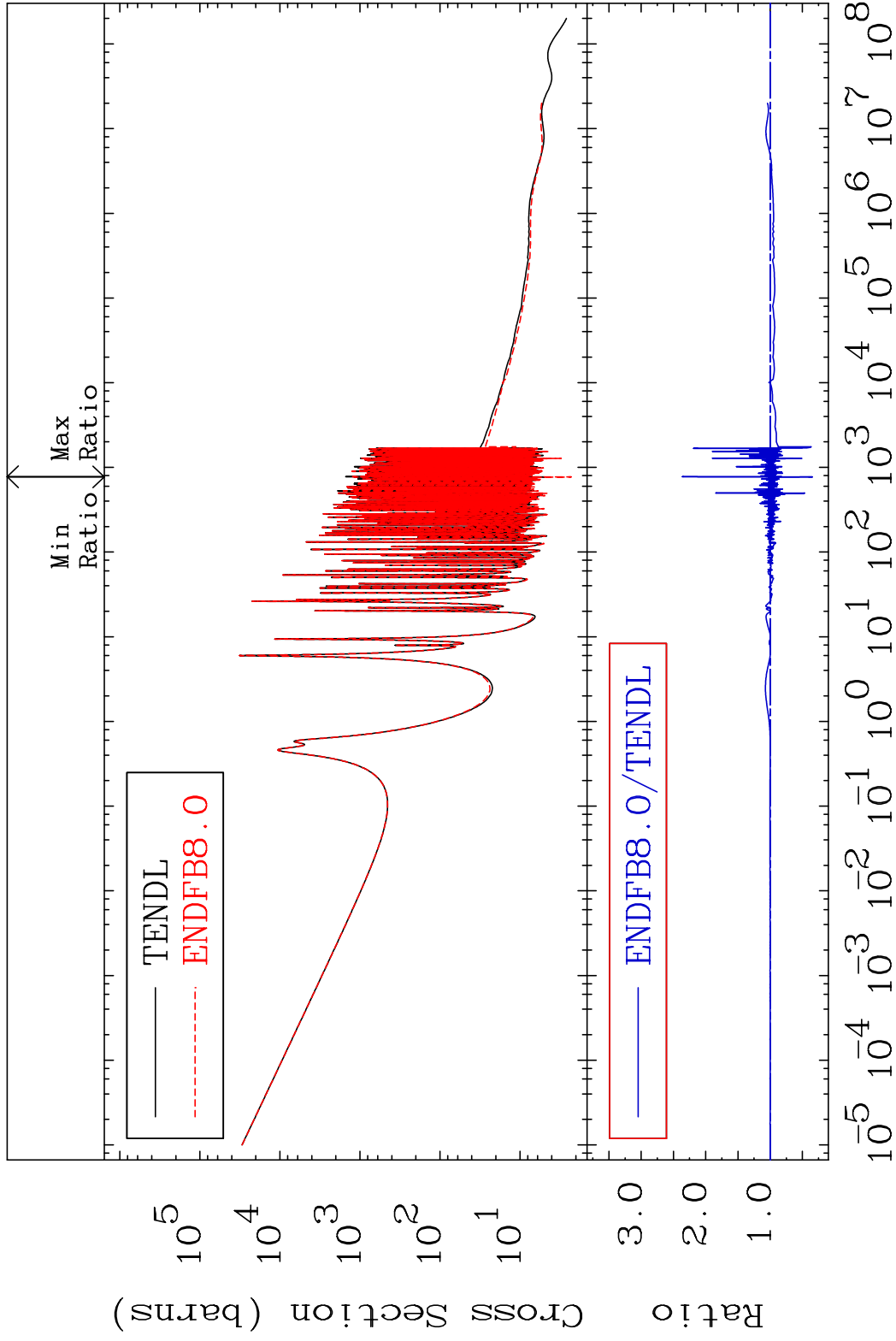
Press Mouse Button to Start

MAT 6840

Total

68-Er-167

Cross Section -65.73 To 136.2 %



1

Incident Energy (eV)

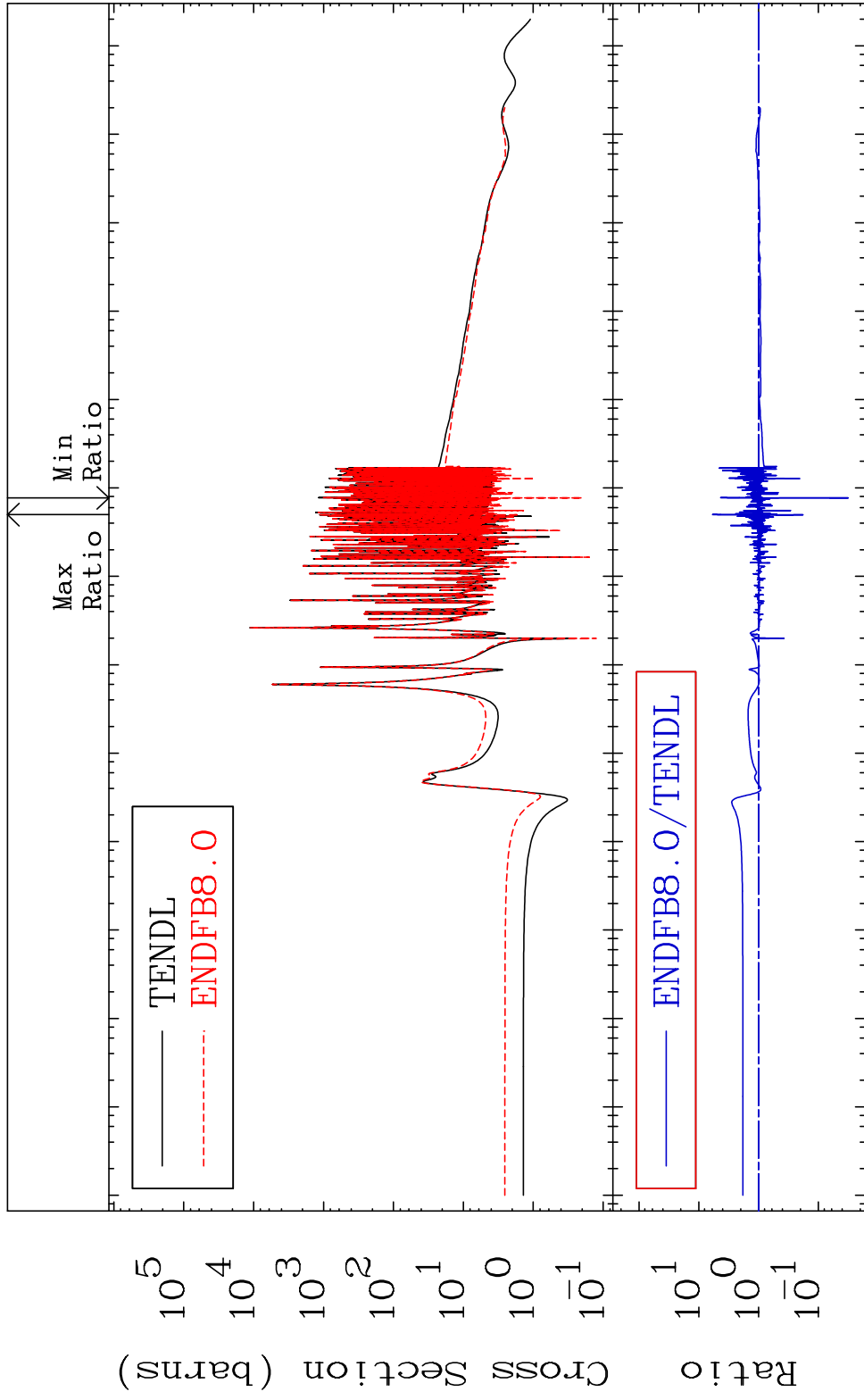
68-Er-167

MAT 6840

Elastic

68-Er-167

Cross Section -96.83 To 494.1 %



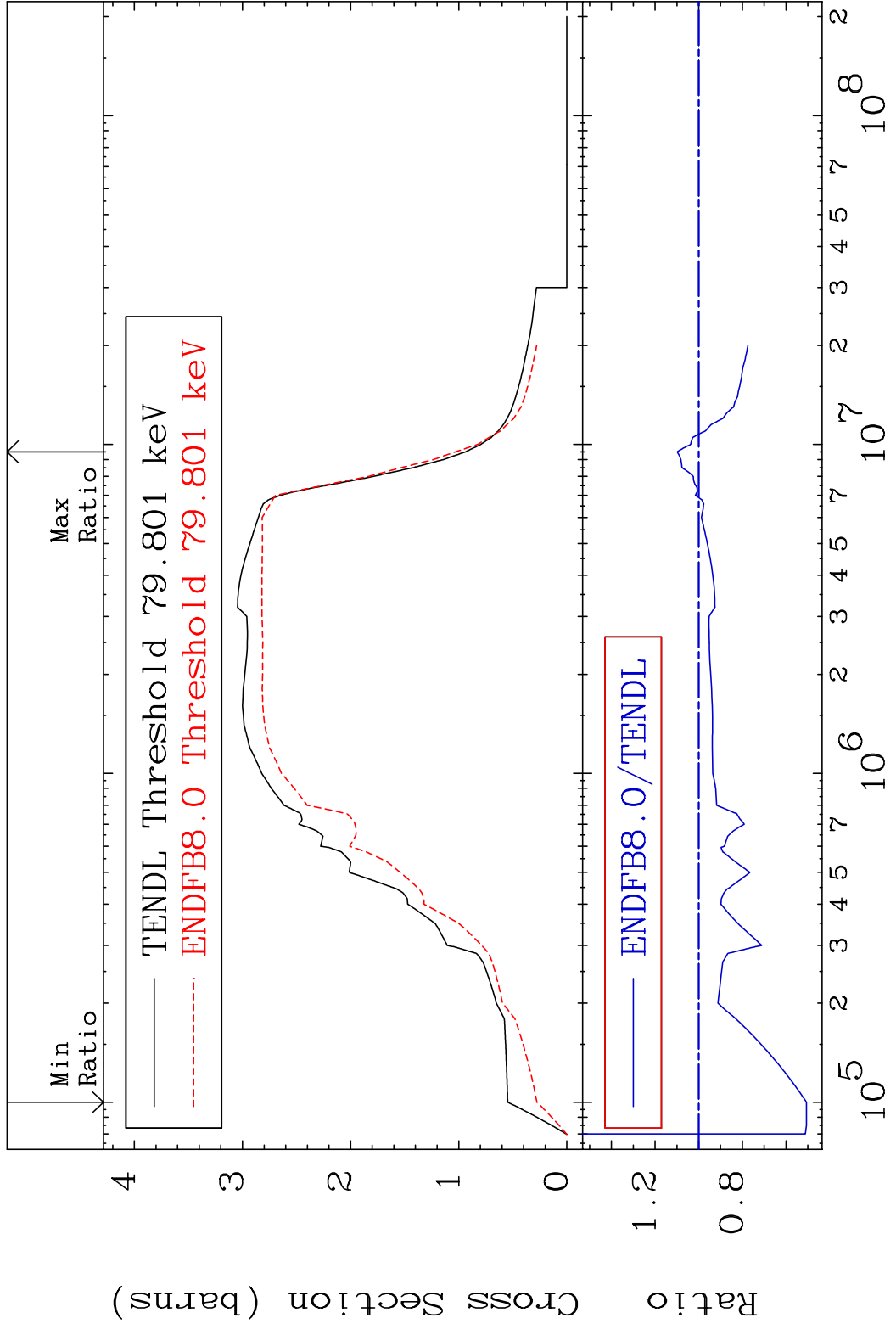
Ratio

2

Incident Energy (eV)

68-Er-167

MAT 6840 Inelastic Cross Section 68-Er-167
 -49.36 To 9.865 %



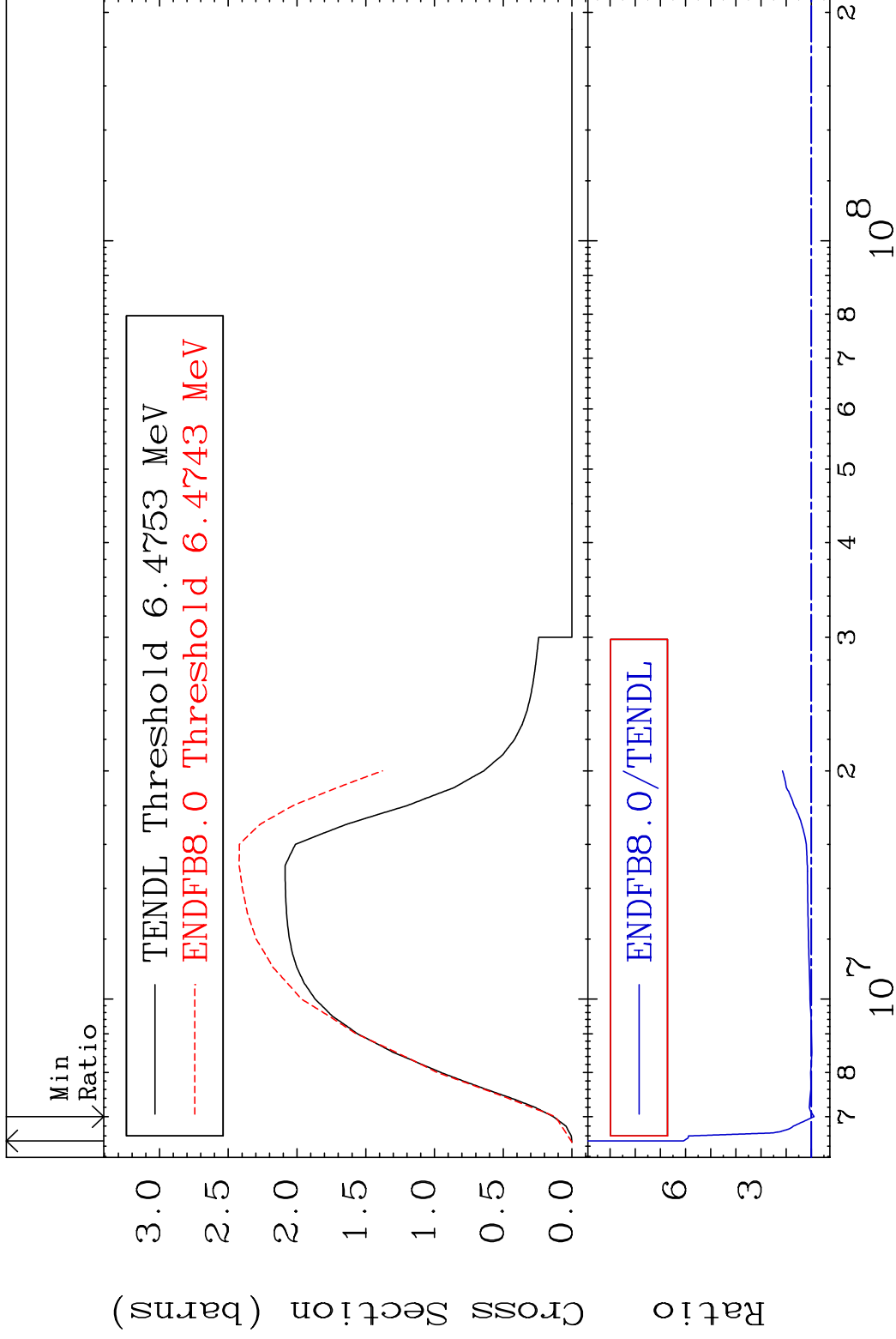
3 Incident Energy (eV) 68-Er-167

MAT 6840

(n,2n)

68-Er-167

Cross Section -10.54 To 508.6 %

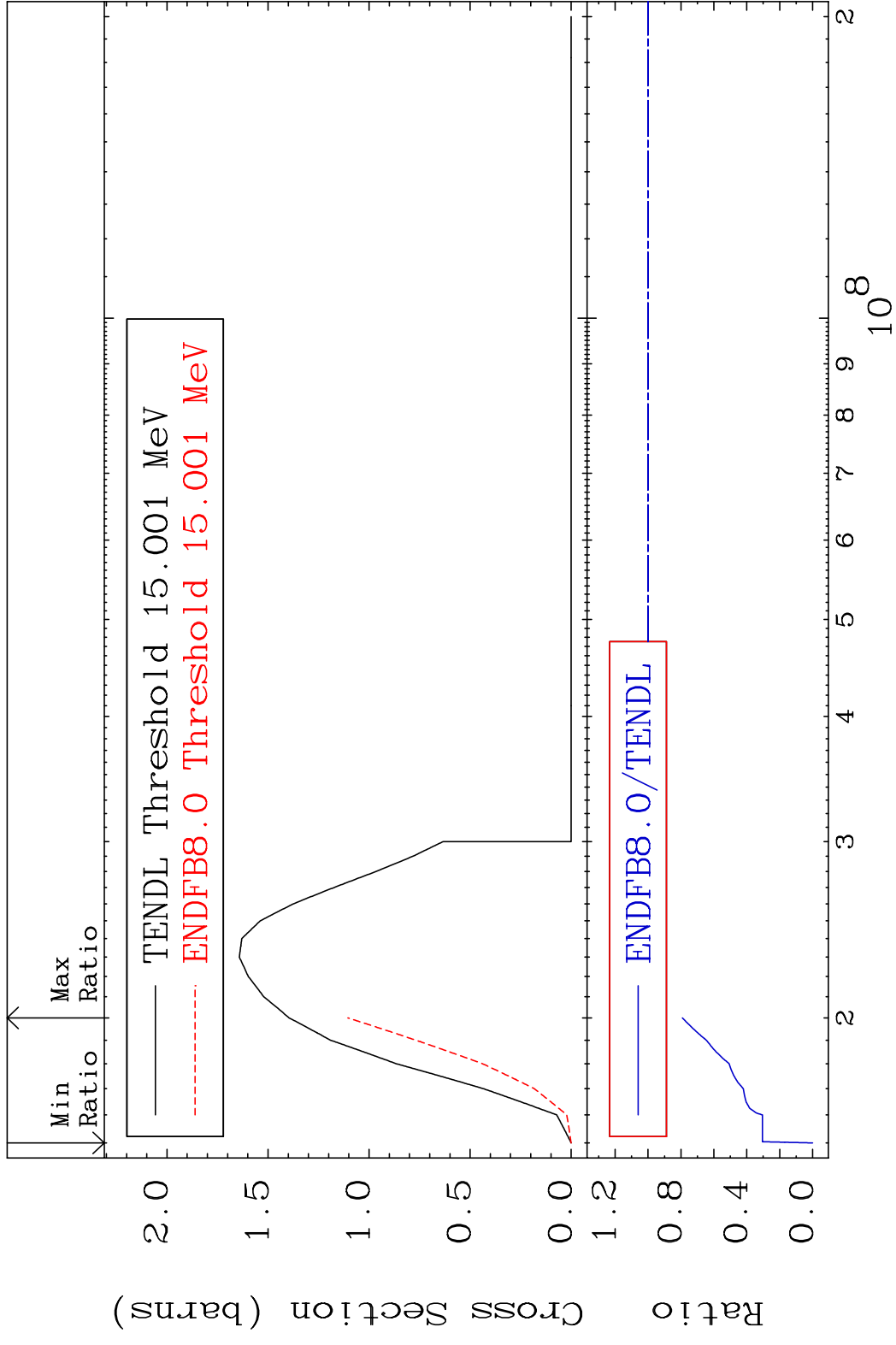


4

Incident Energy (eV)

68-Er-167

MAT 6840 (n,3n) 68-Er-167
 Cross Section -100.0 To -20.85%

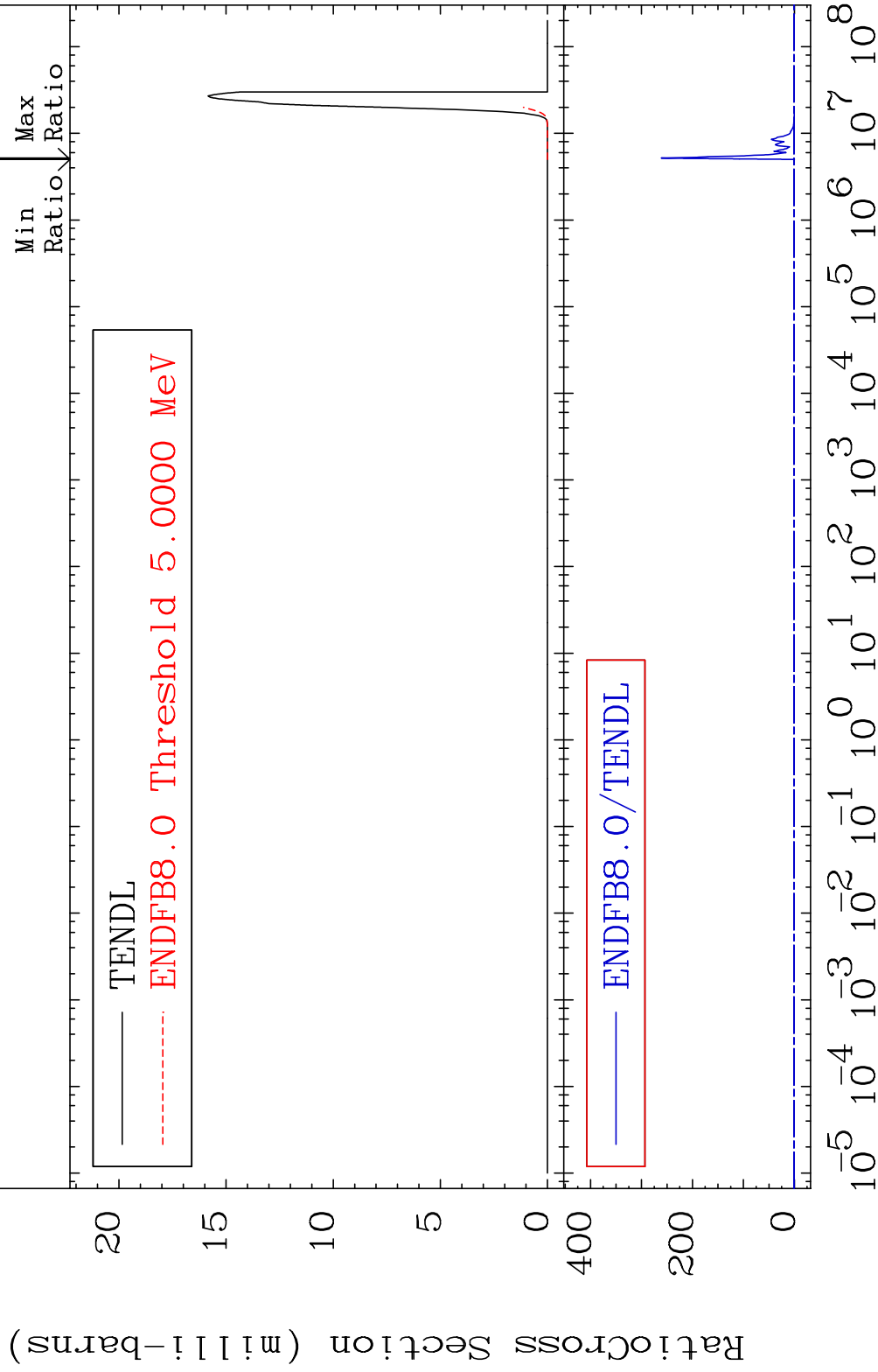


MAT 6840

(n, n') α

68-Er-167

Cross Section -100.0 To 9999. %

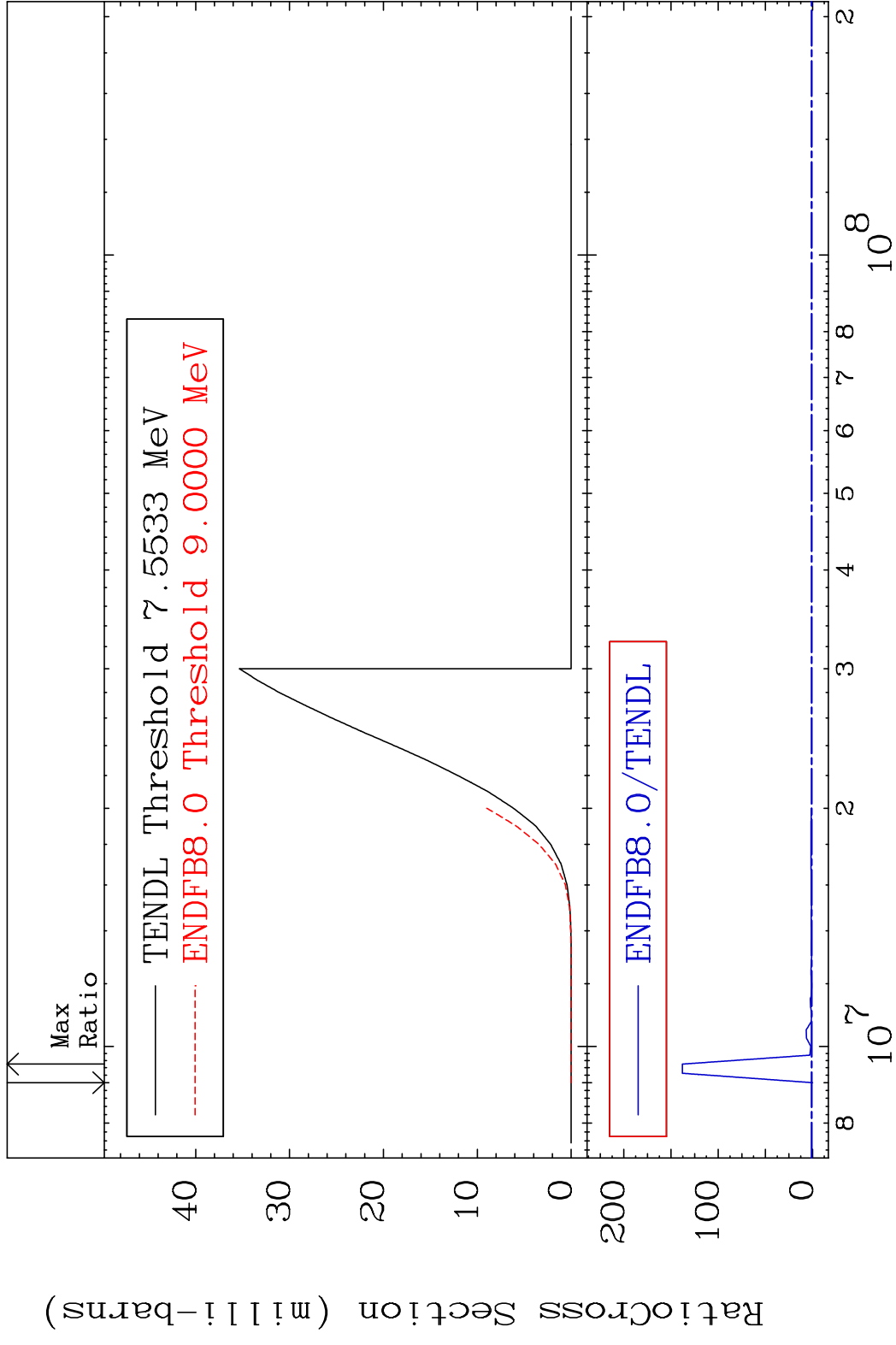


6

Incident Energy (eV)

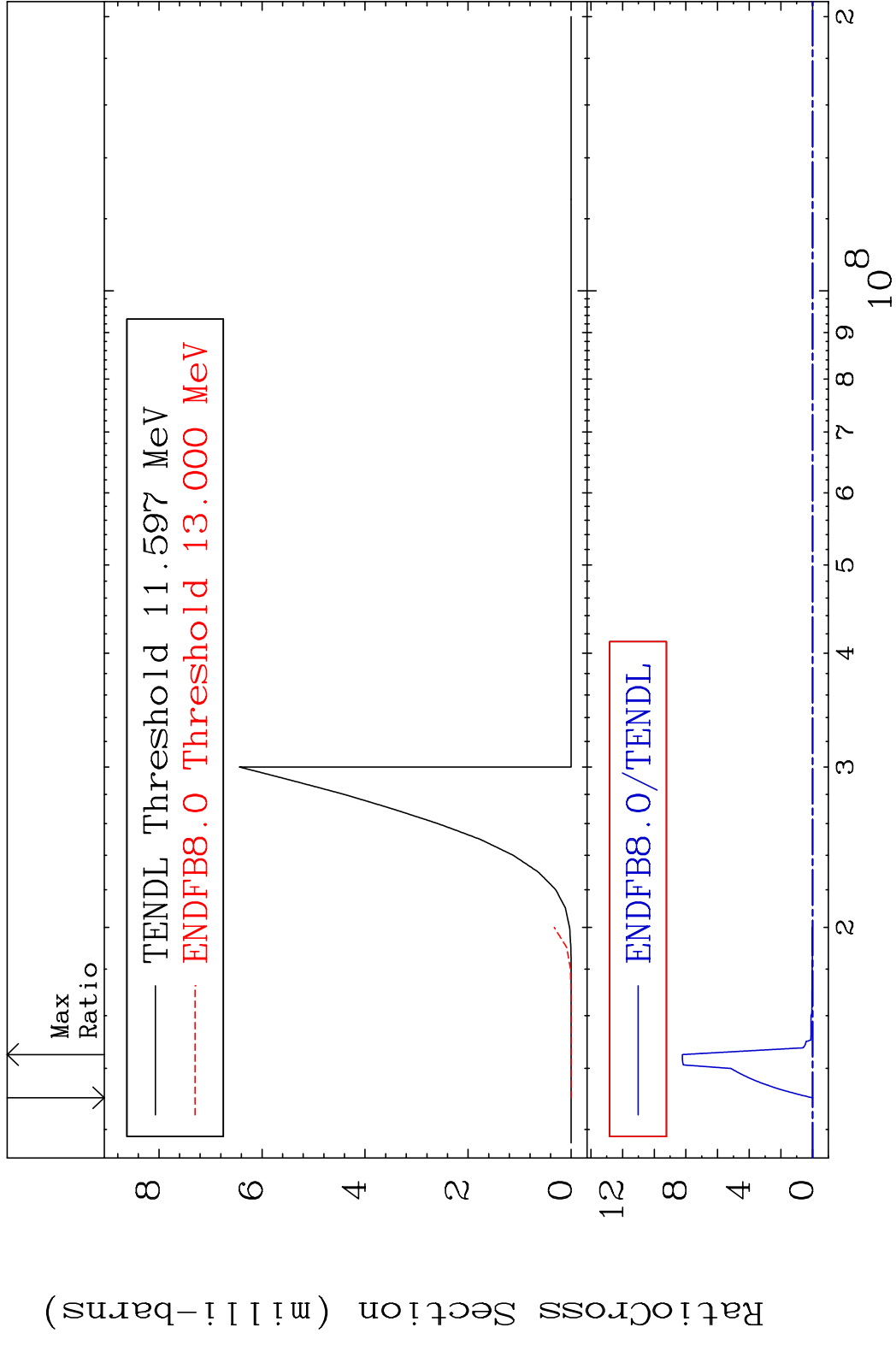
68-Er-167

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



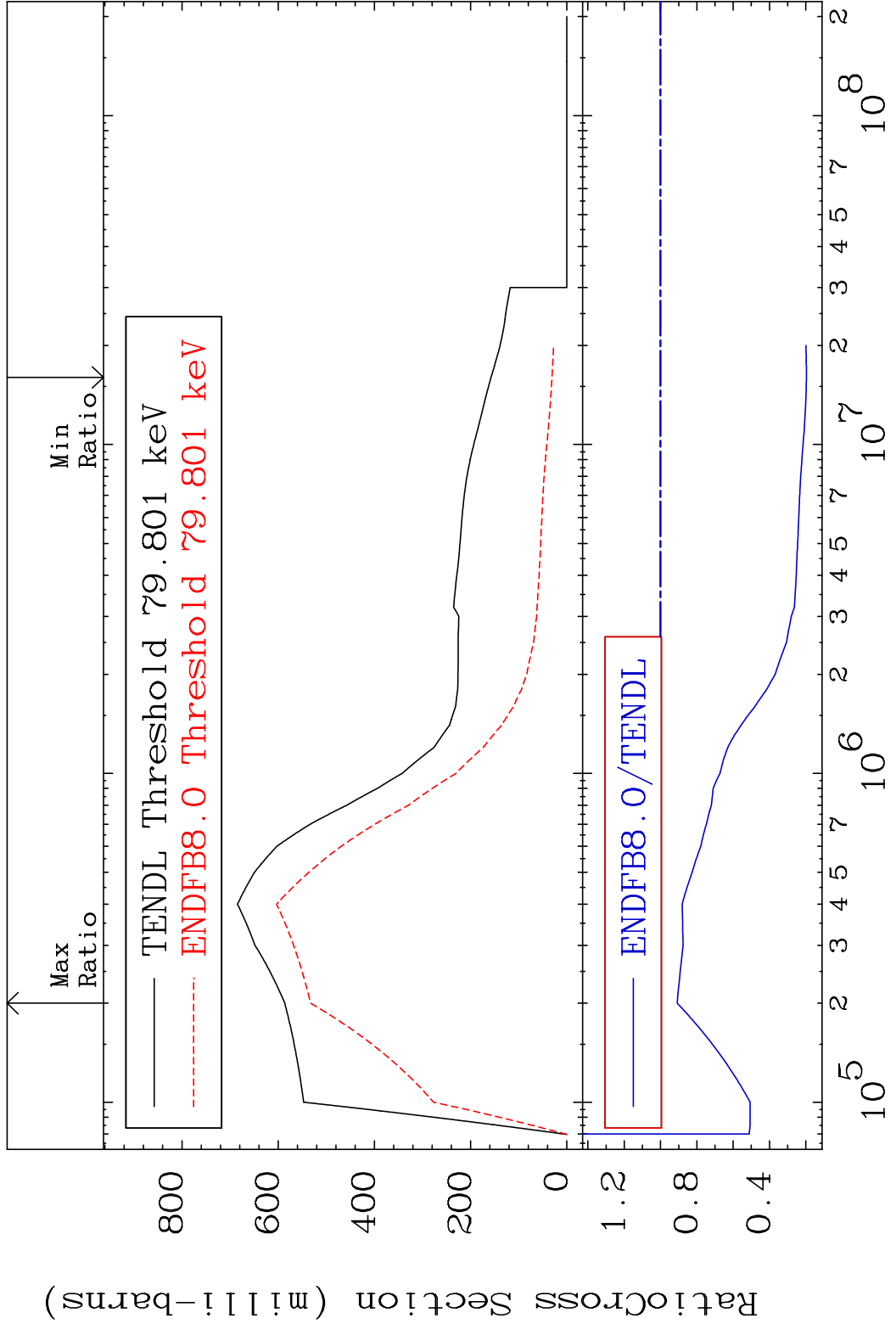
7 Incident Energy (eV) 68-Er-167

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

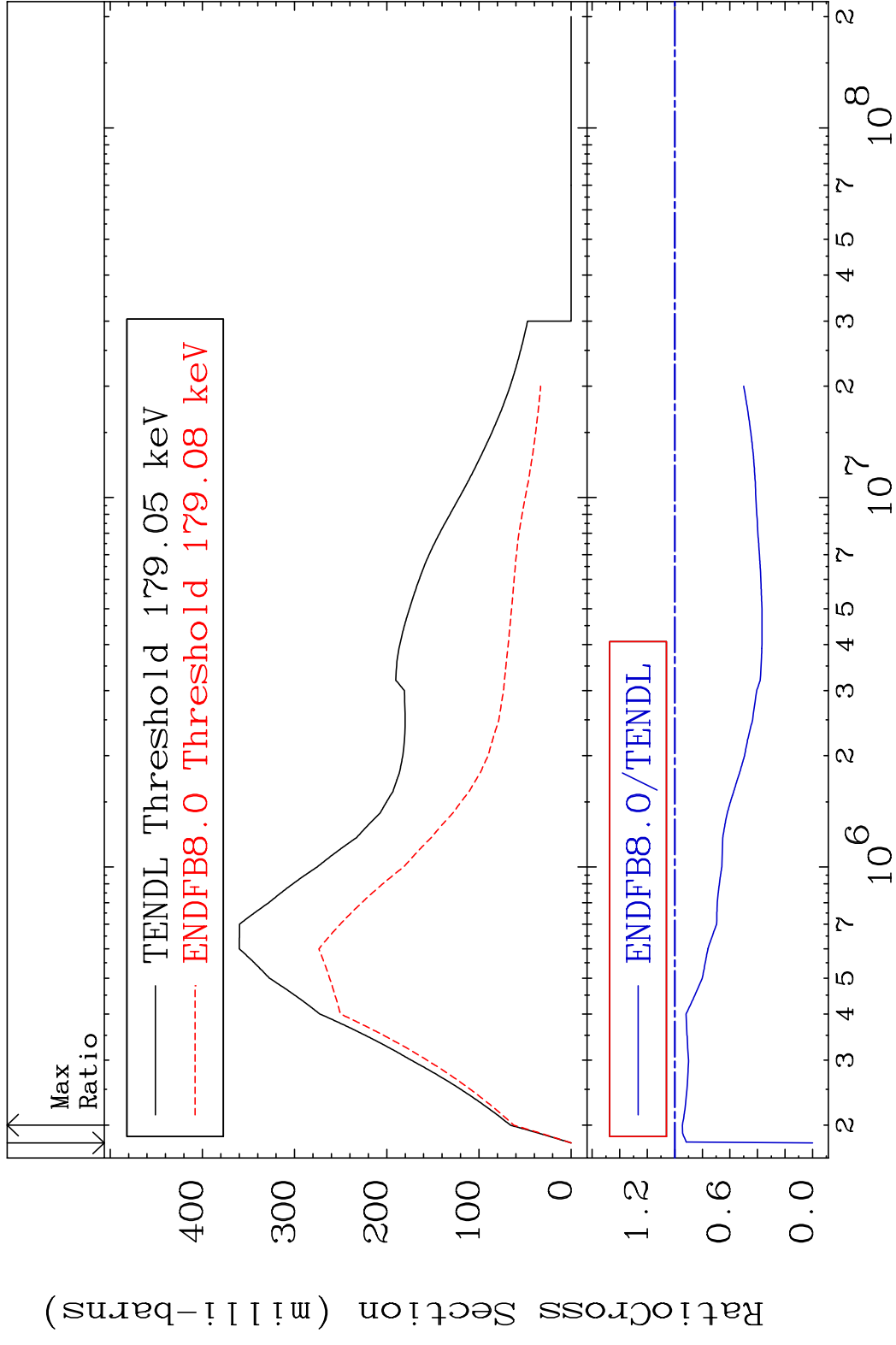


8 Incident Energy (eV) 68-Er-167

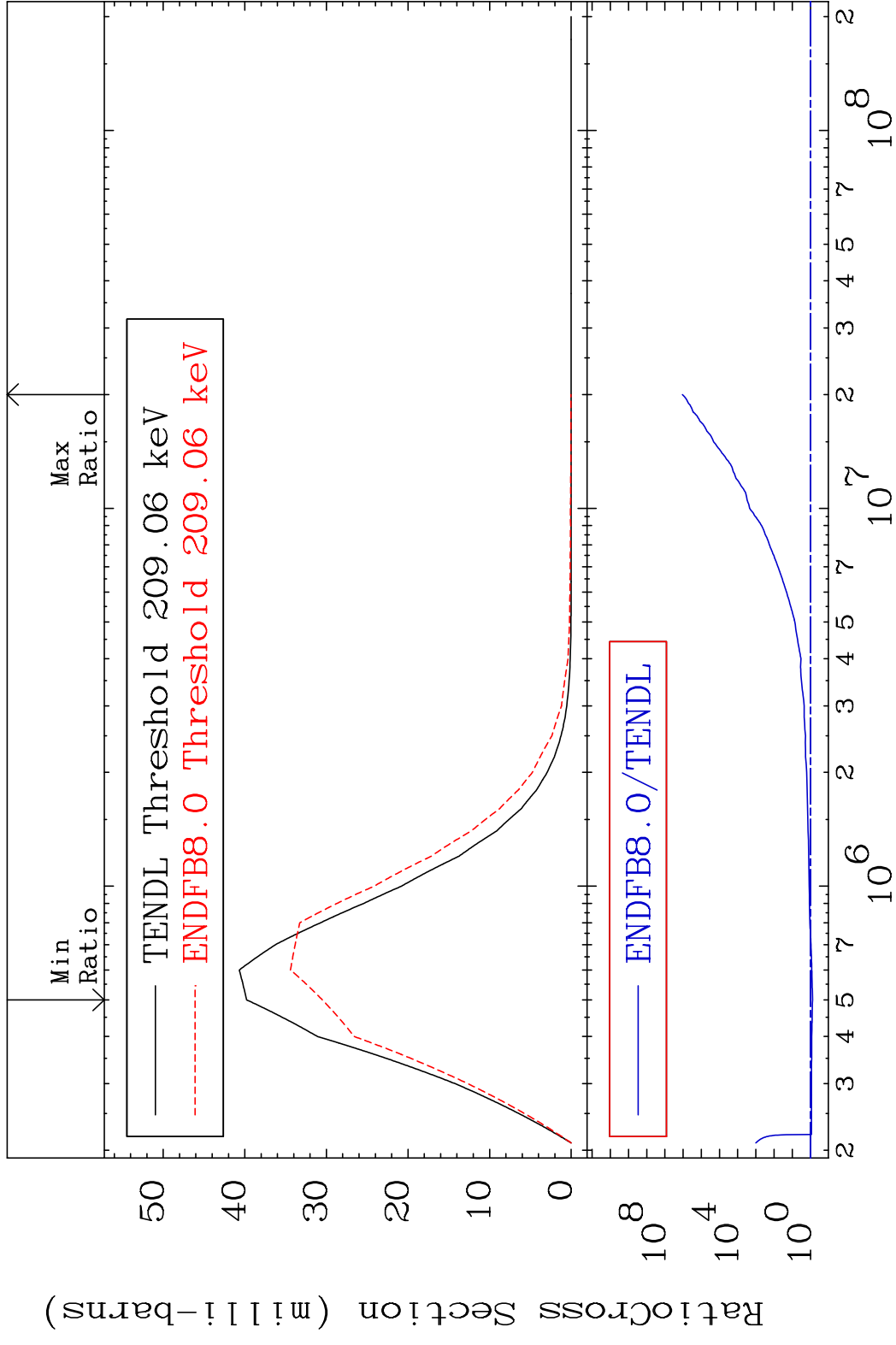
MAT 6840 MT= 51 (n, n') Level 68-Er-167
 Cross Section -80.33 To -9.161%



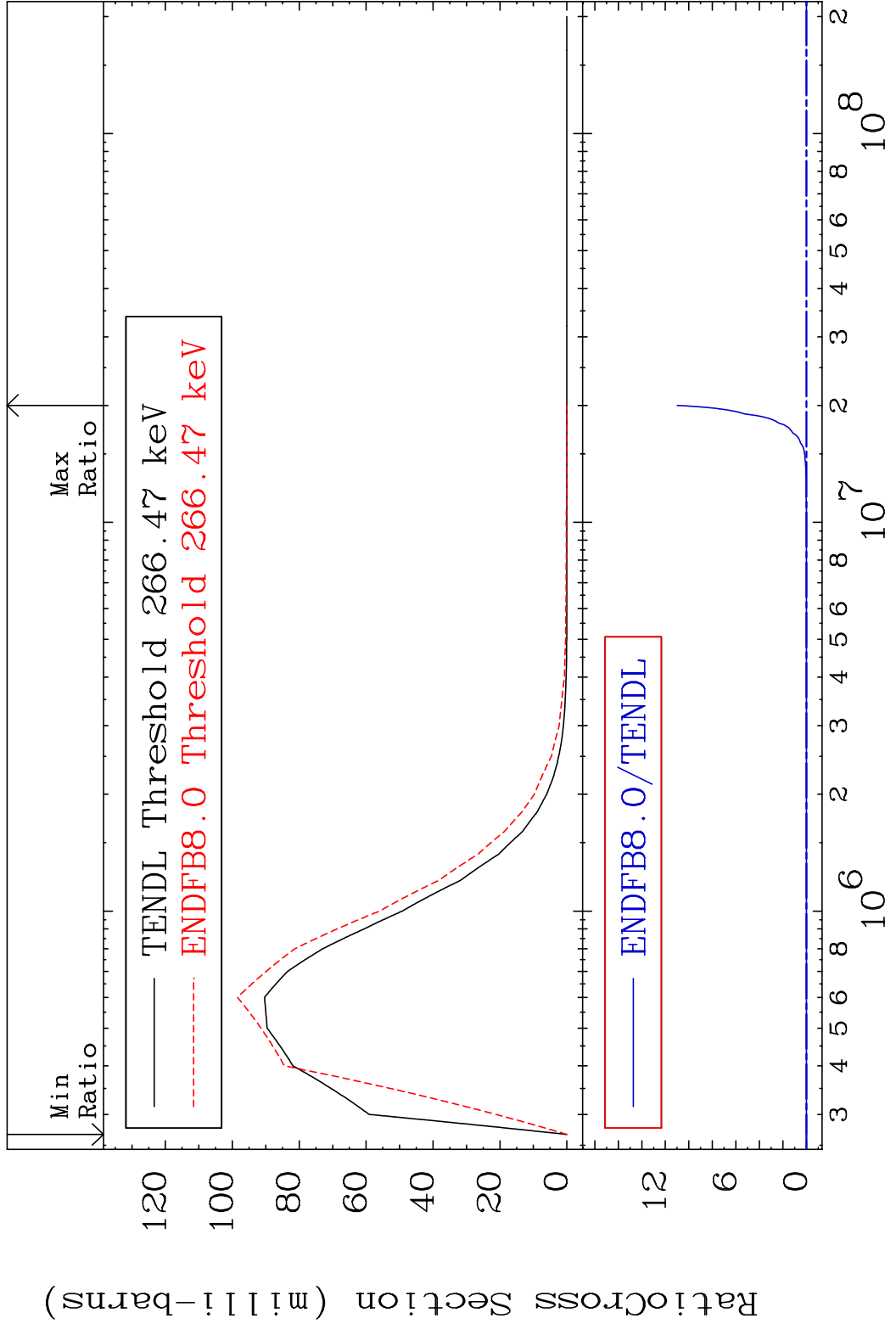
MAT 6840 MT= 52 (n, n') Level 68-Er-167
 Cross Section -100.0 To -5.464%



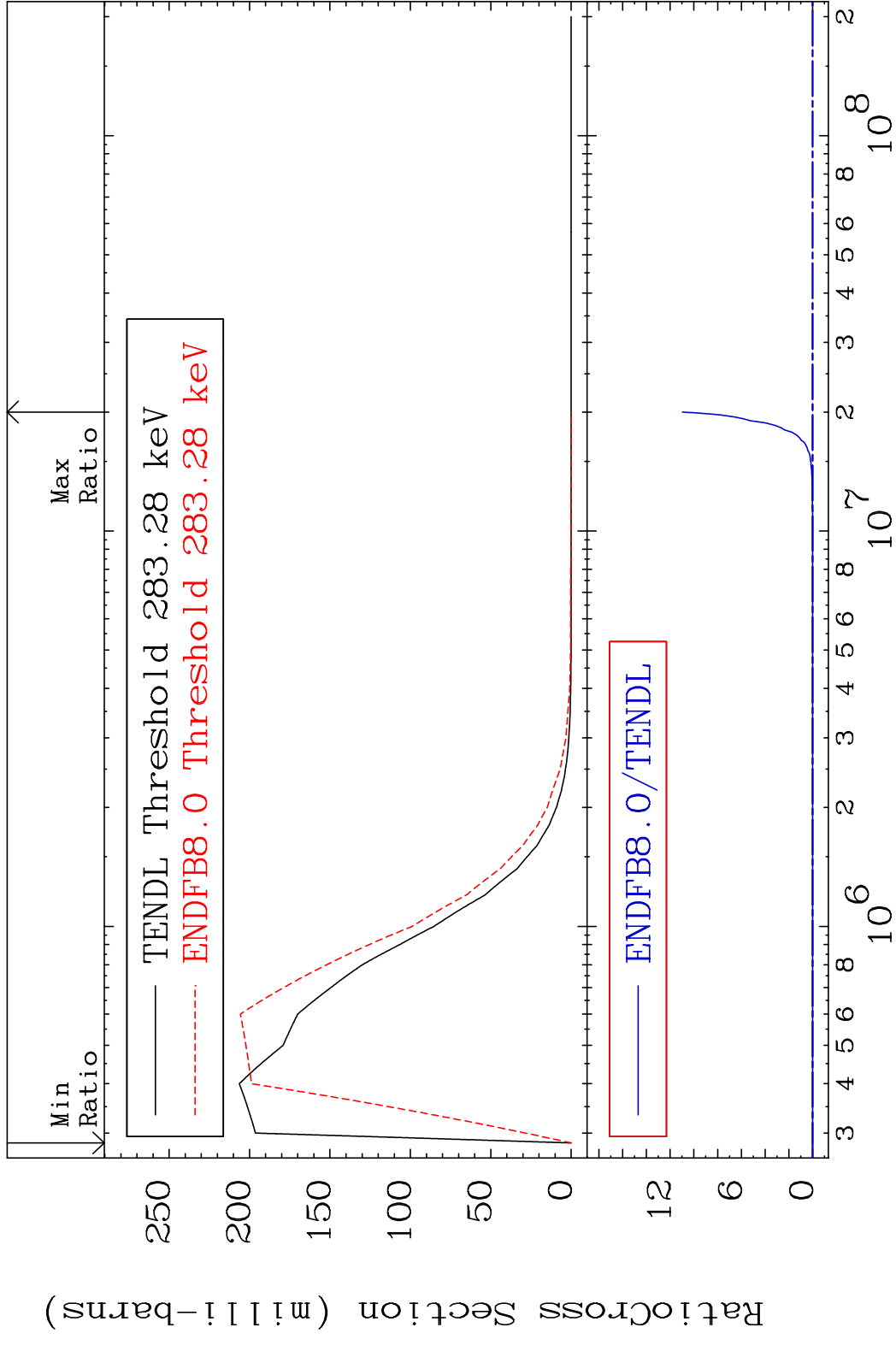
MAT 6840 MT= 53 (n, n') Level 68-Er-167
 Cross Section -23.32 To 9999. %



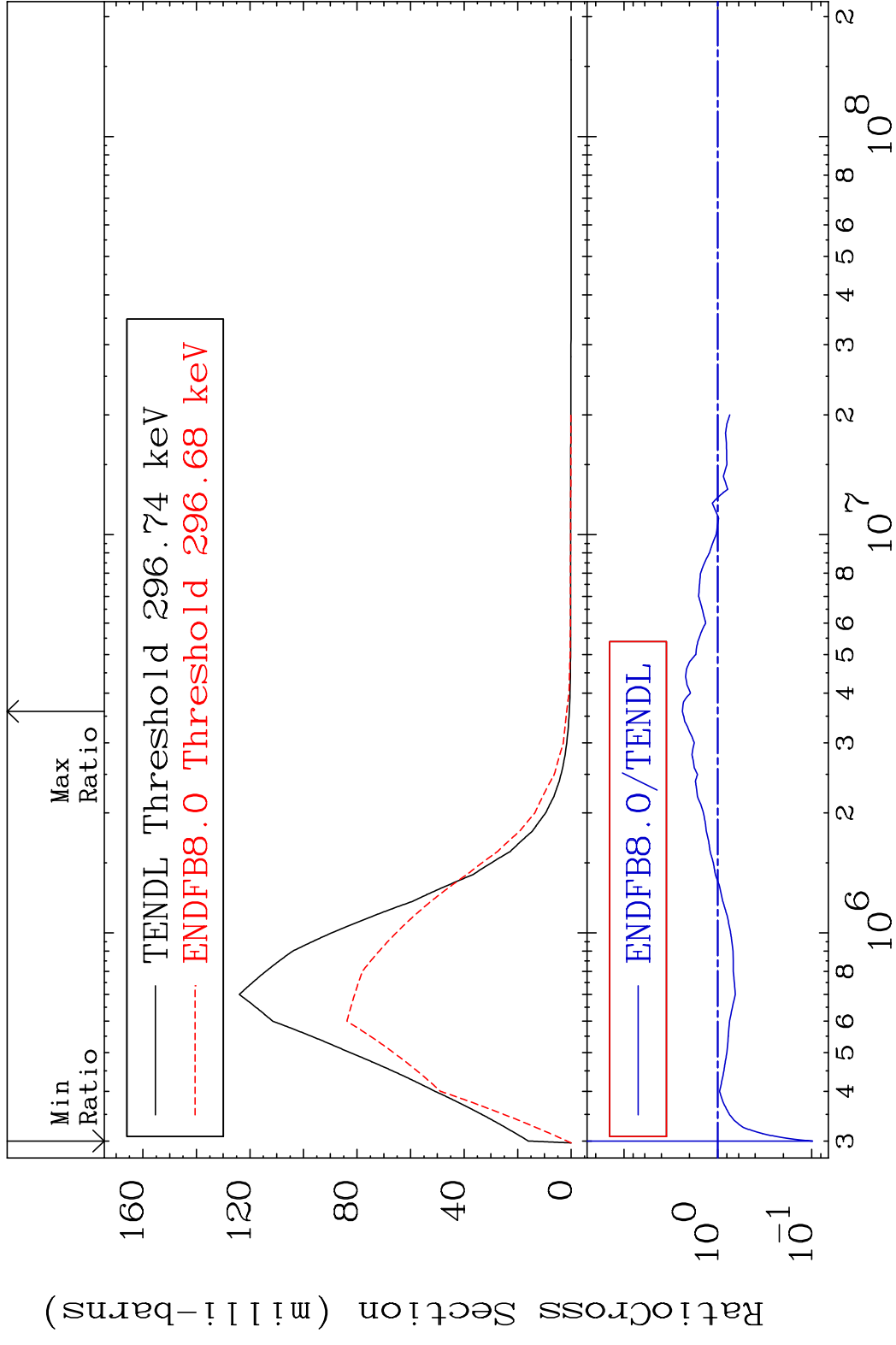
MAT 6840 MT= 54 (n,n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



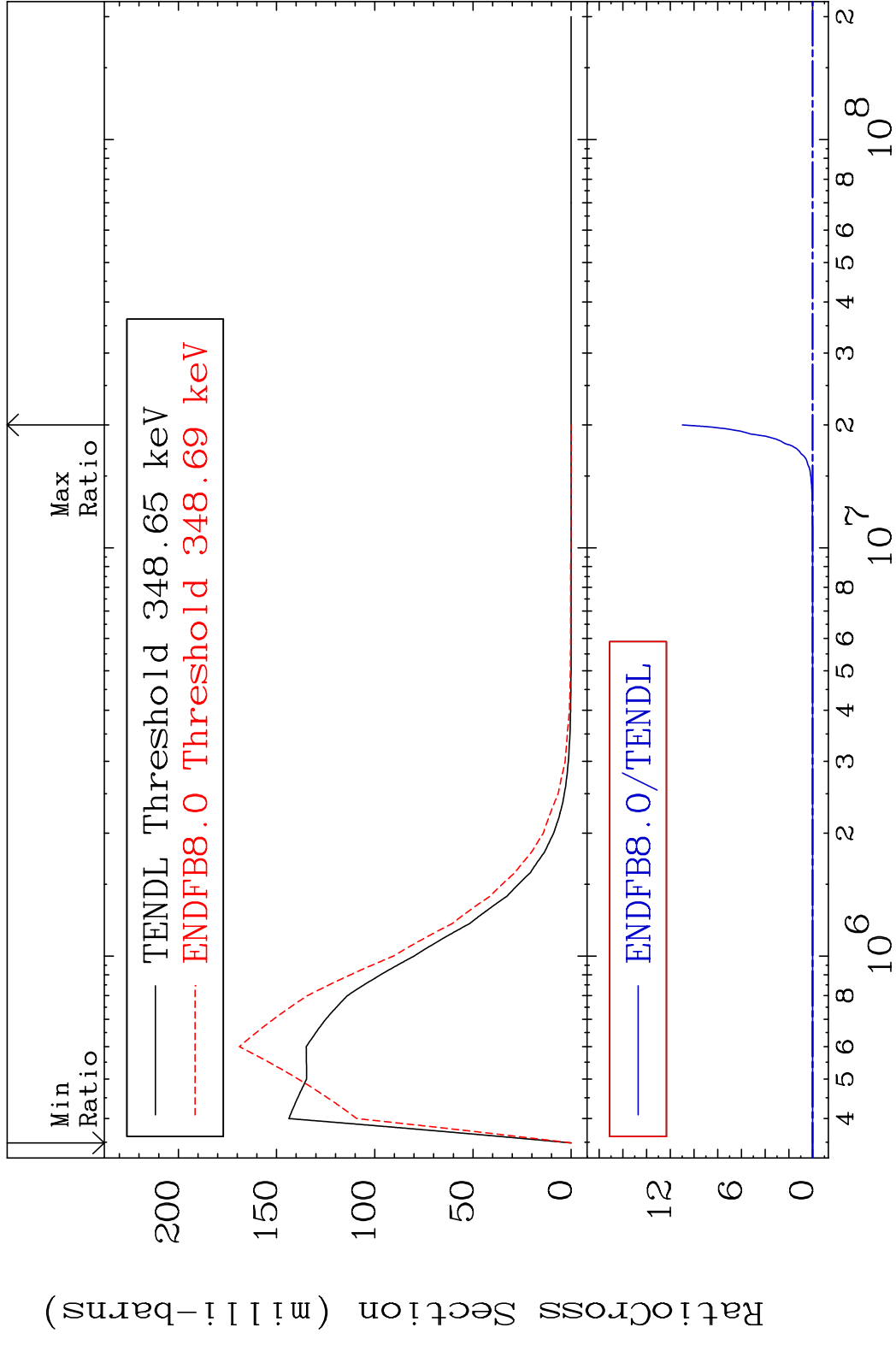
MAT 6840 MT= 55 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



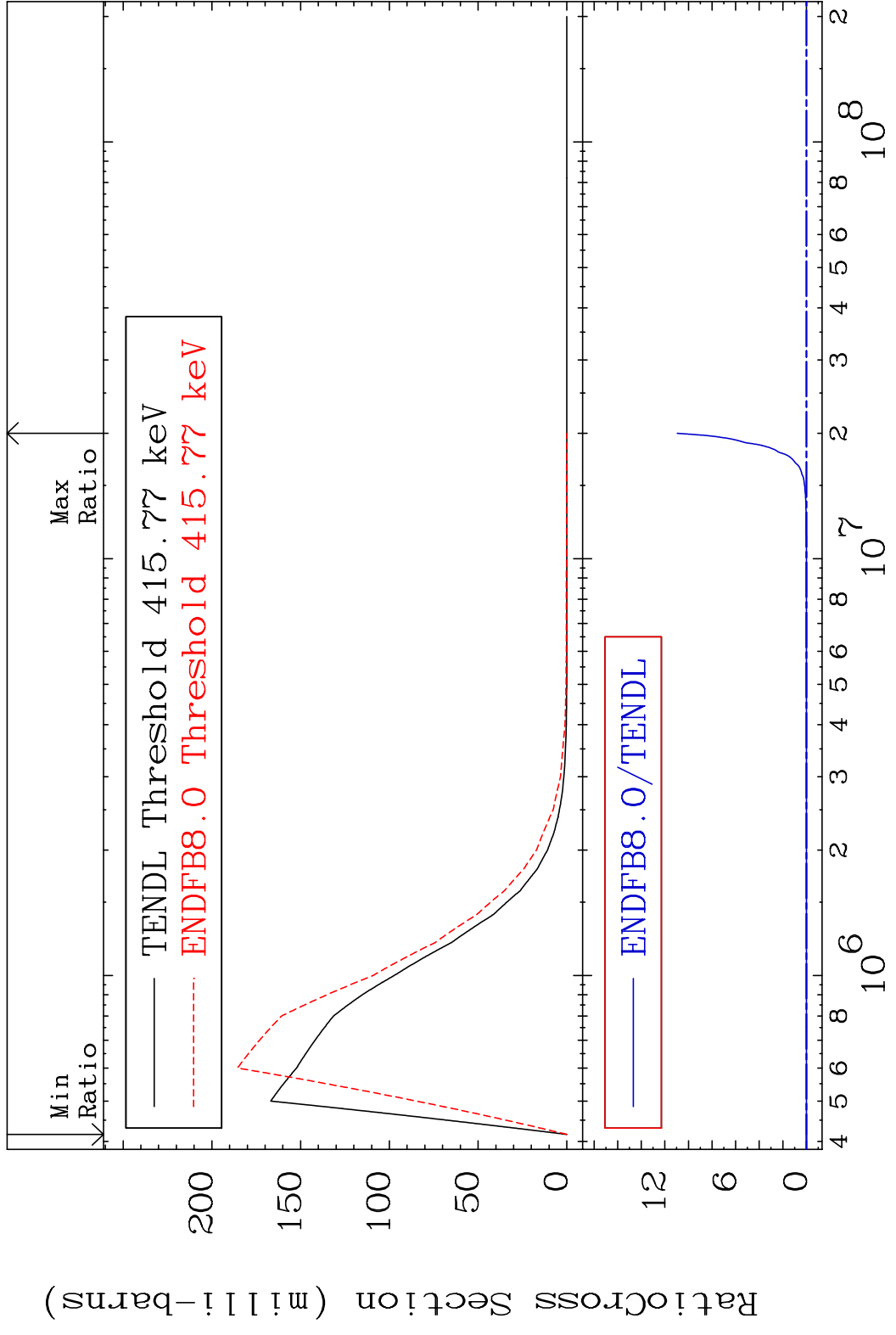
MAT 6840 MT= 56 (n,n') Level 68-Er-167
 Cross Section -90.20 To 138.7 %



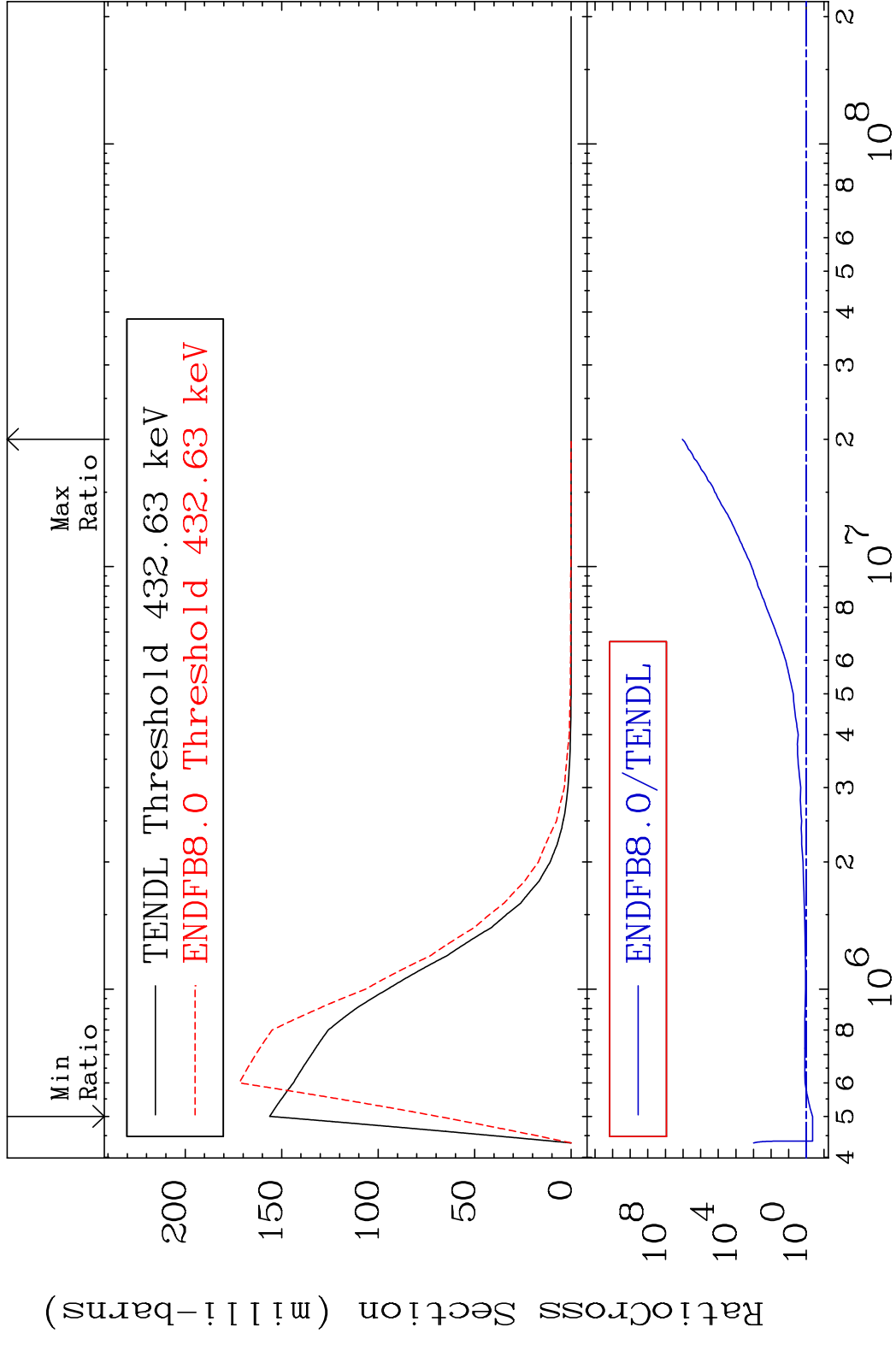
MAT 6840 MT= 57 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



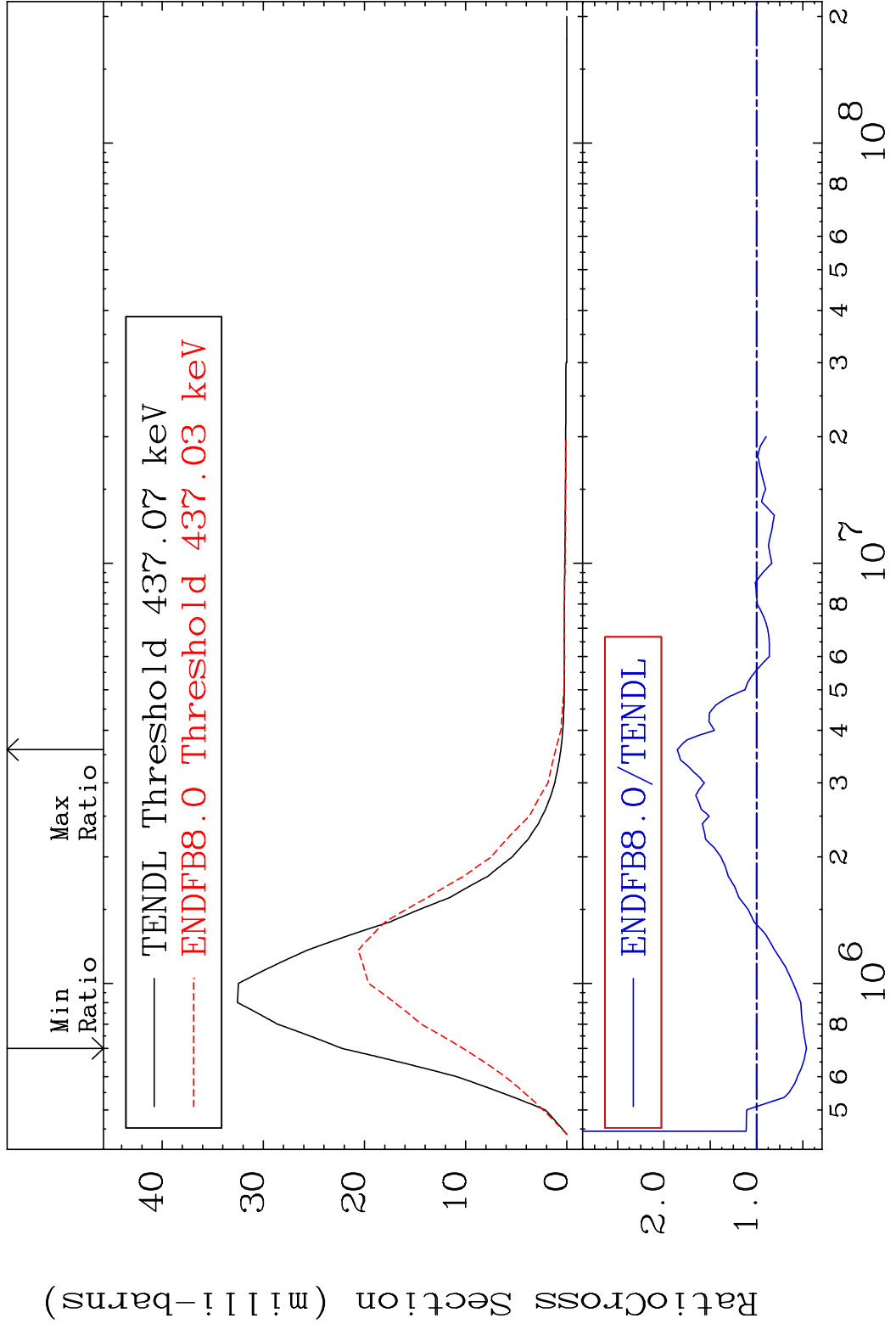
MAT 6840 MT= 58 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



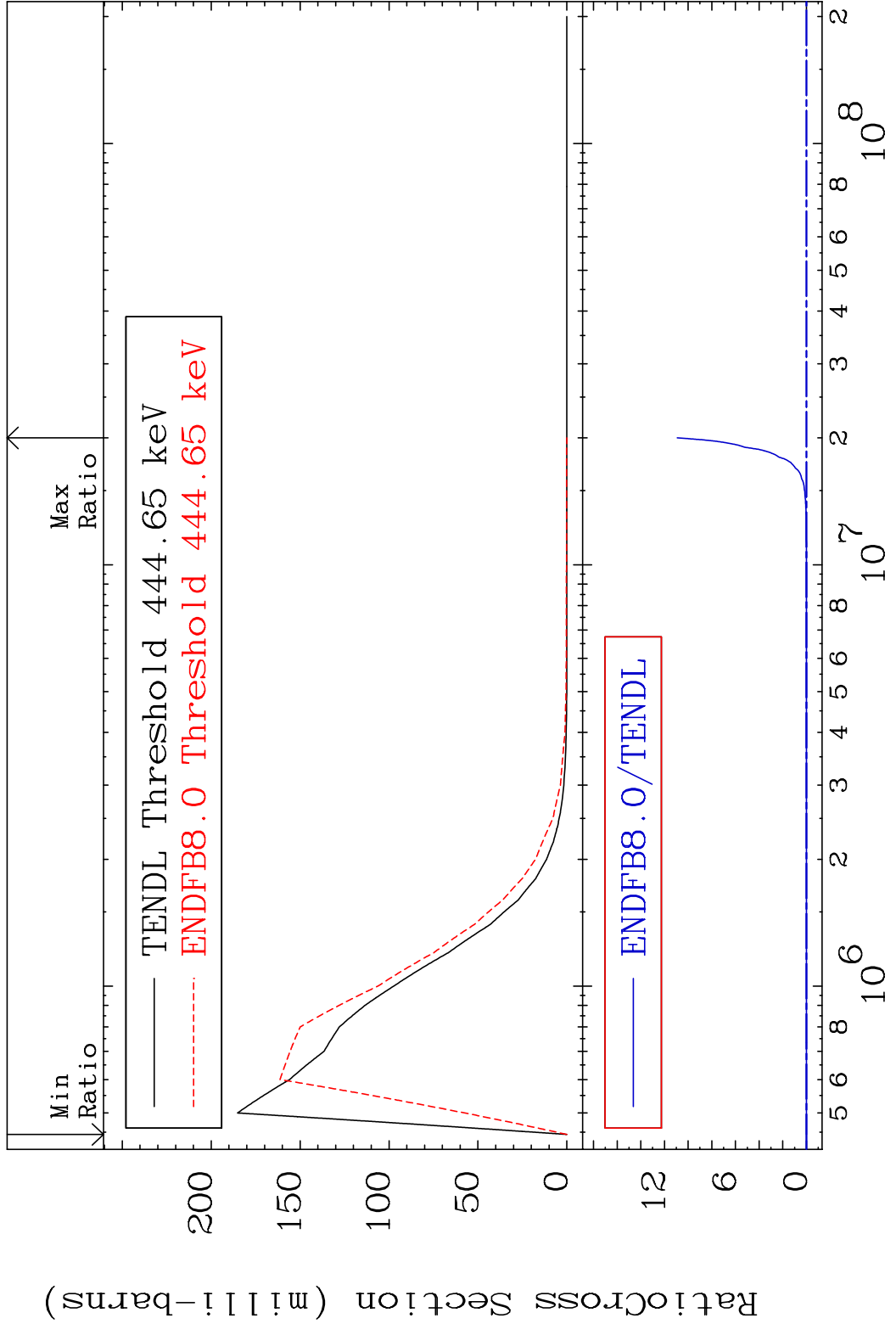
MAT 6840 MT= 59 (n, n') Level 68-Er-167
 Cross Section -55.68 To 9999. %



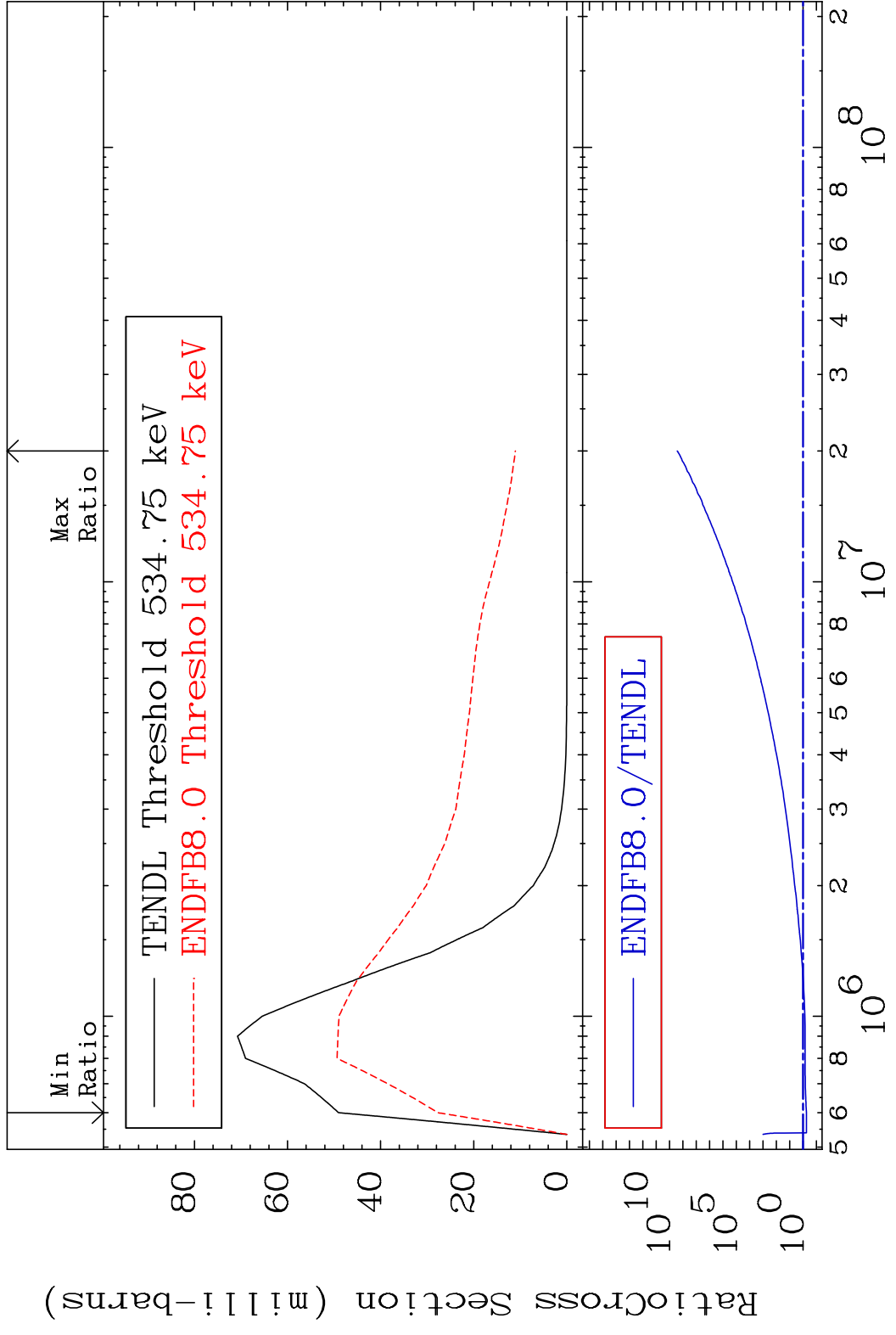
MAT 6840 MT= 60 (n, n') Level 68-Er-167
 Cross Section -53.84 To 85.72 %



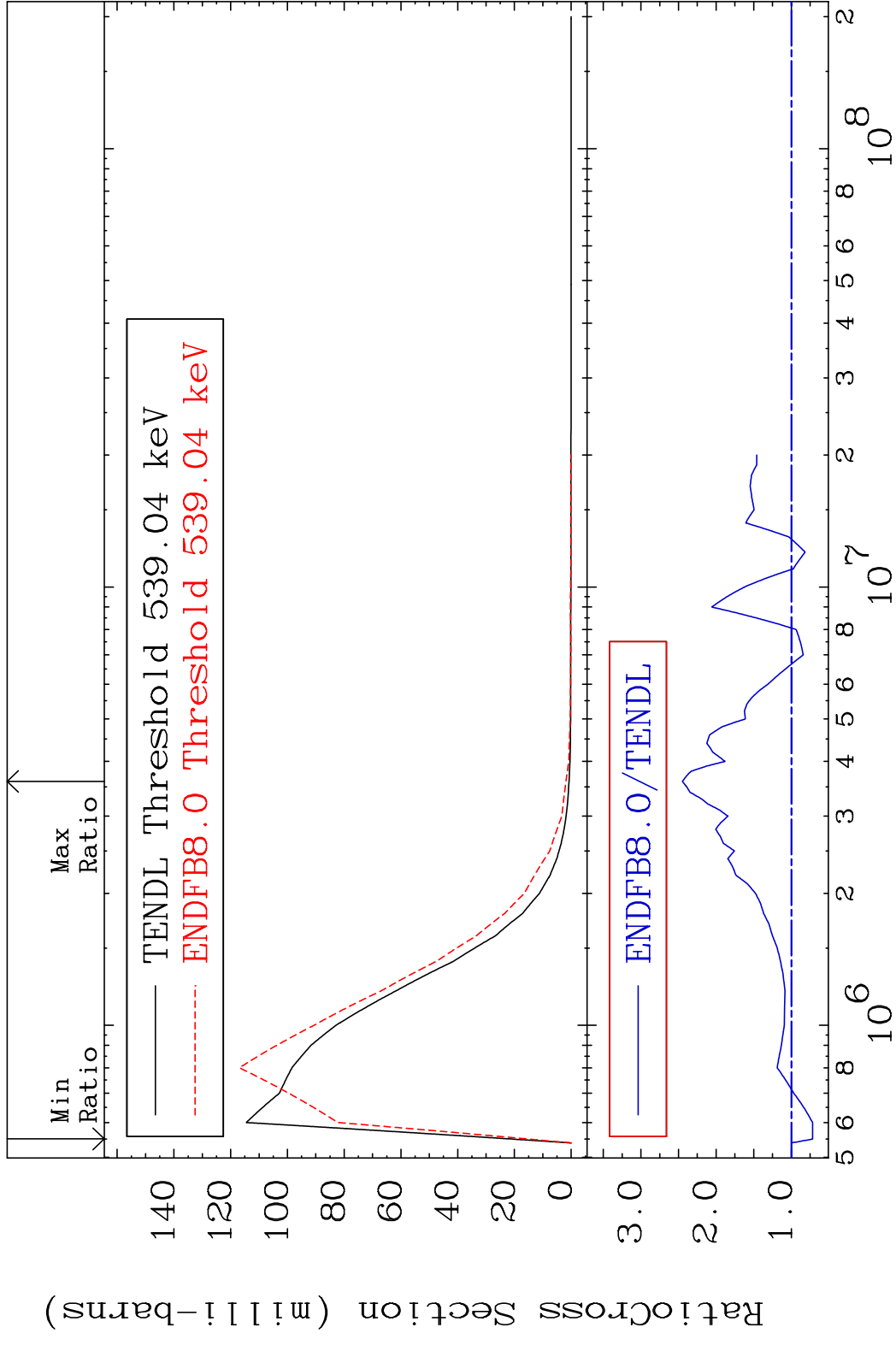
MAT 6840 MT= 61 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



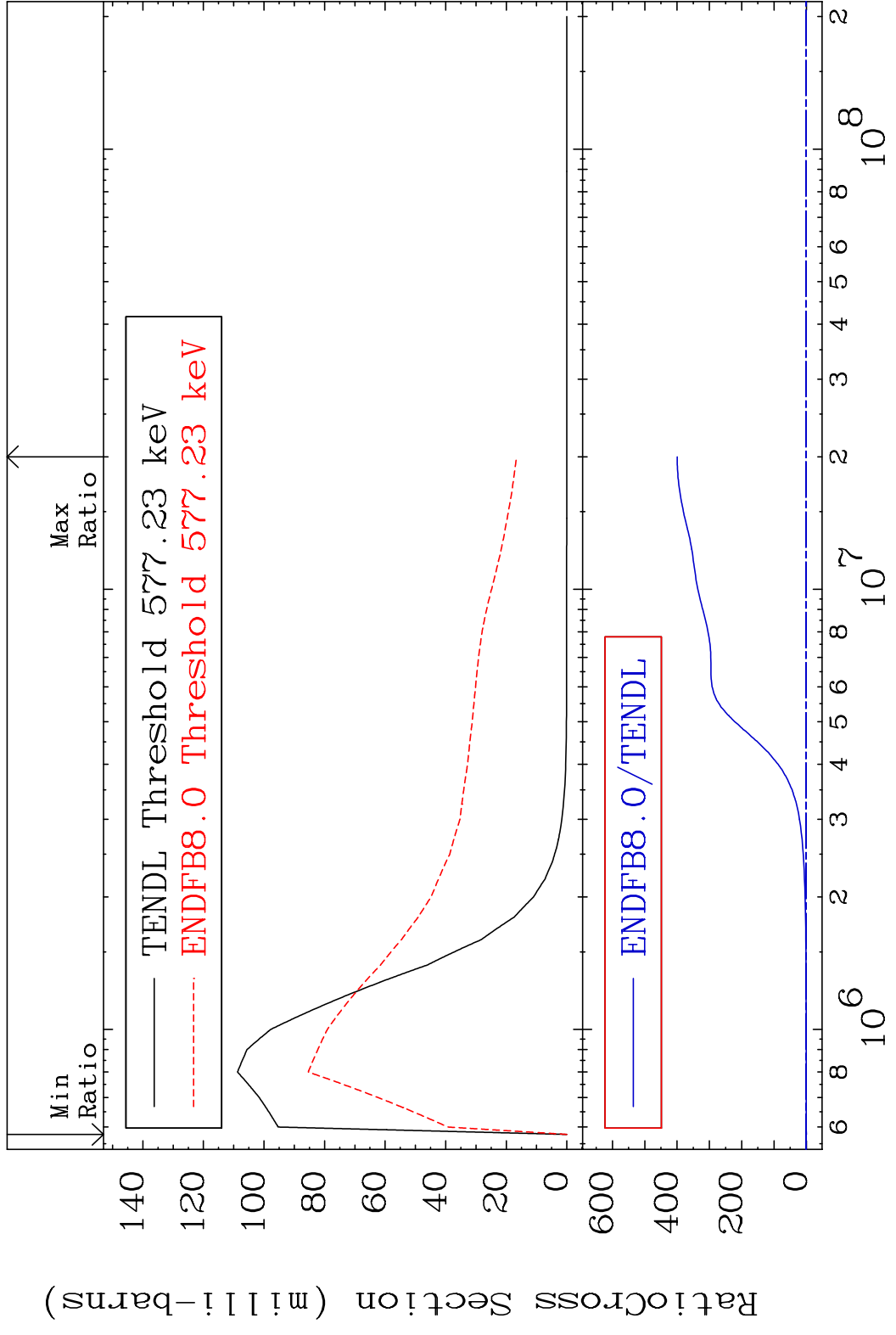
MAT 6840 MT= 62 (n, n') Level 68-Er-167
 Cross Section -43.49 To 9999. %



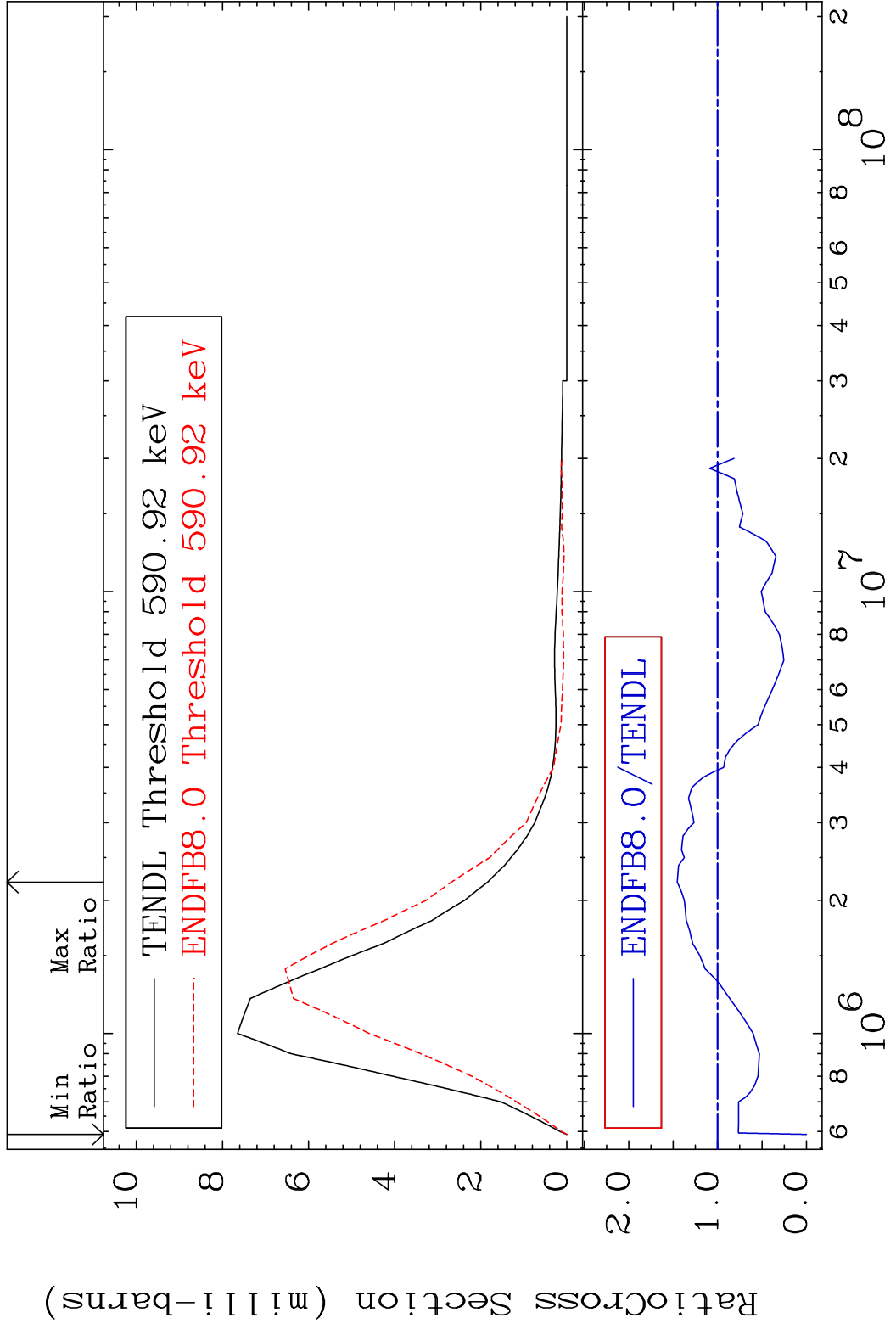
MAT 6840 MT= 63 (n, n') Level 68-Er-167
 Cross Section -28.23 To 144.9 %



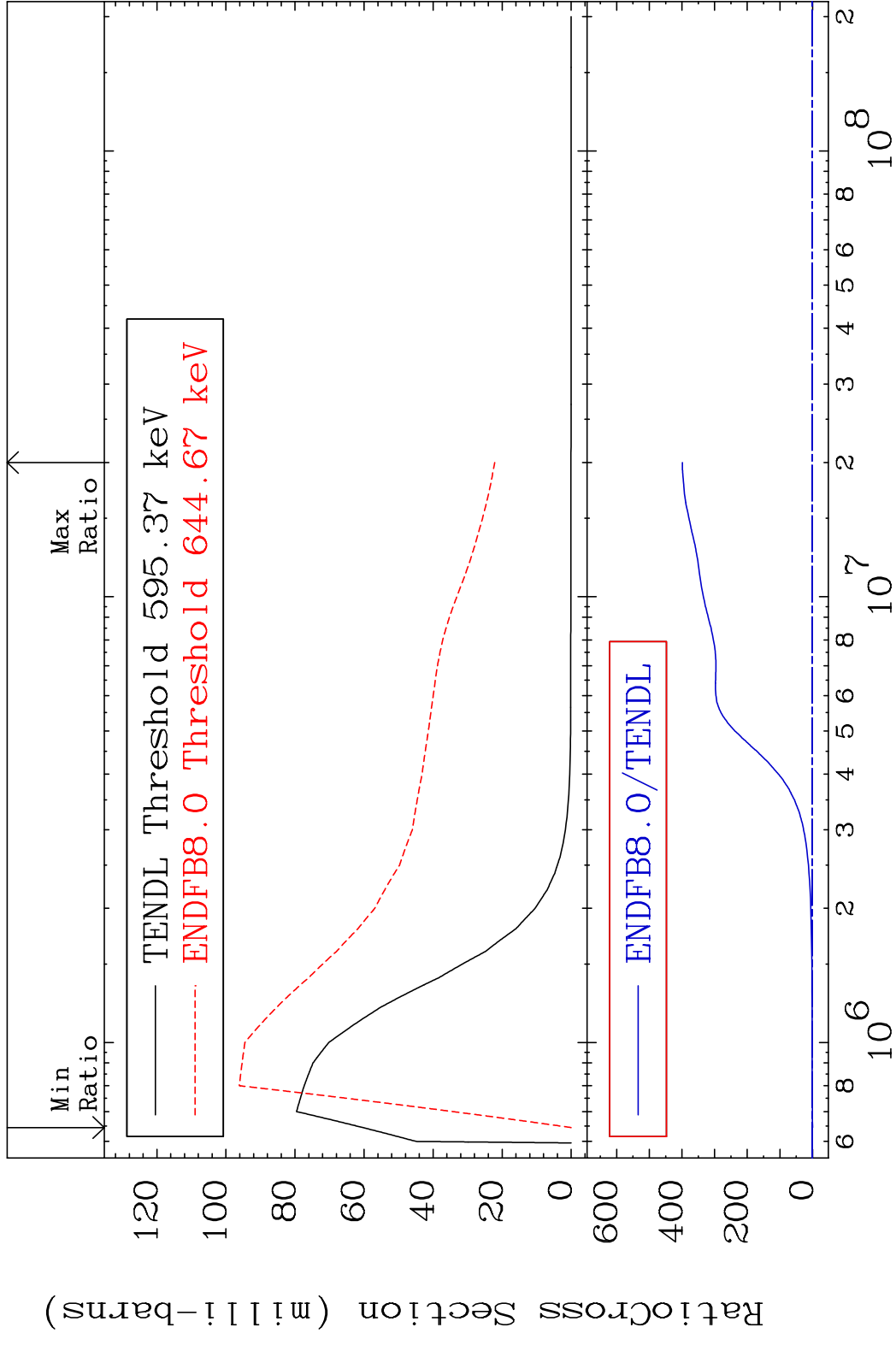
MAT 6840 MT= 64 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



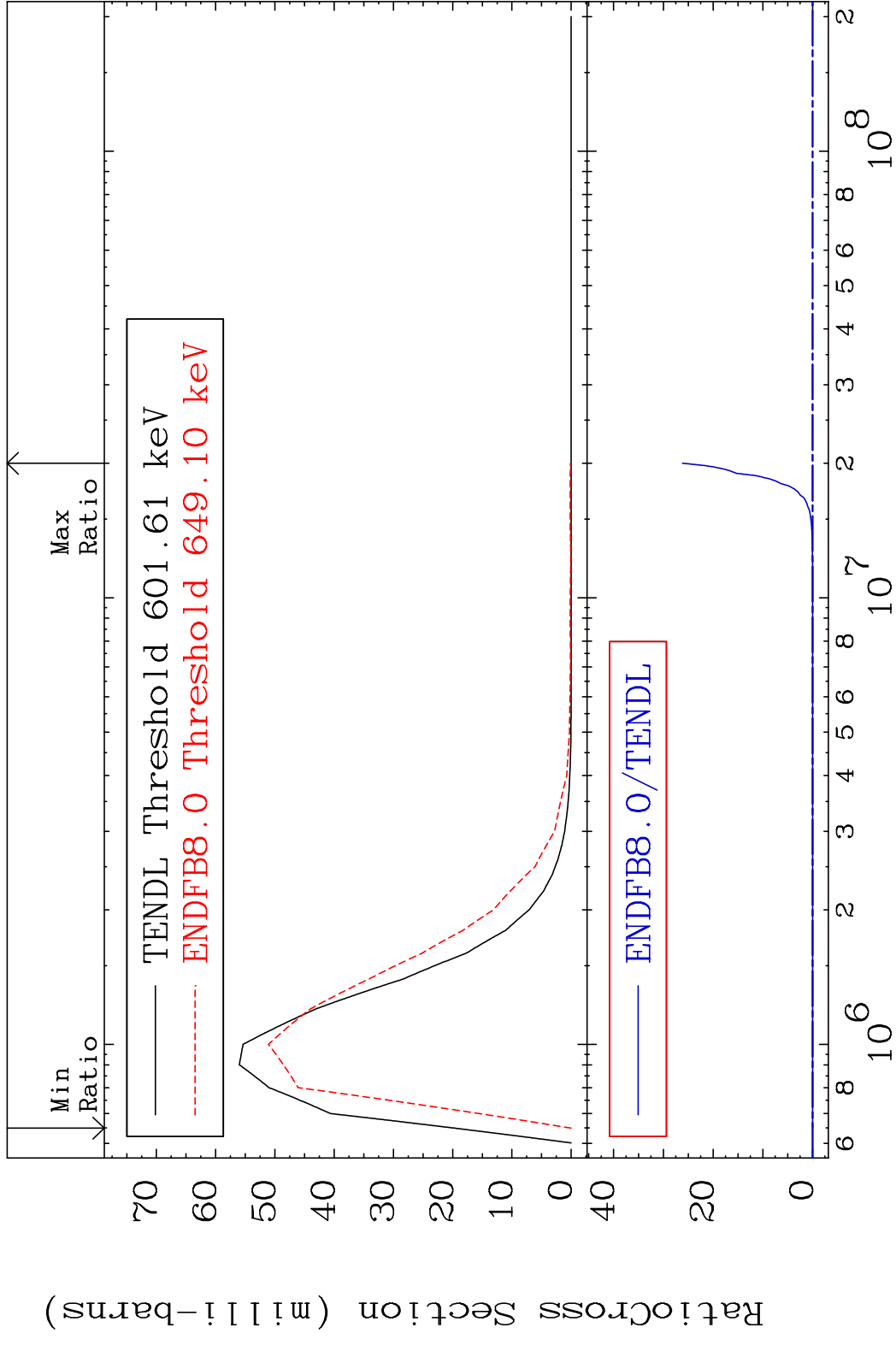
MAT 6840 MT= 65 (n,n') Level 68-Er-167
 Cross Section -100.0 To 45.51 %



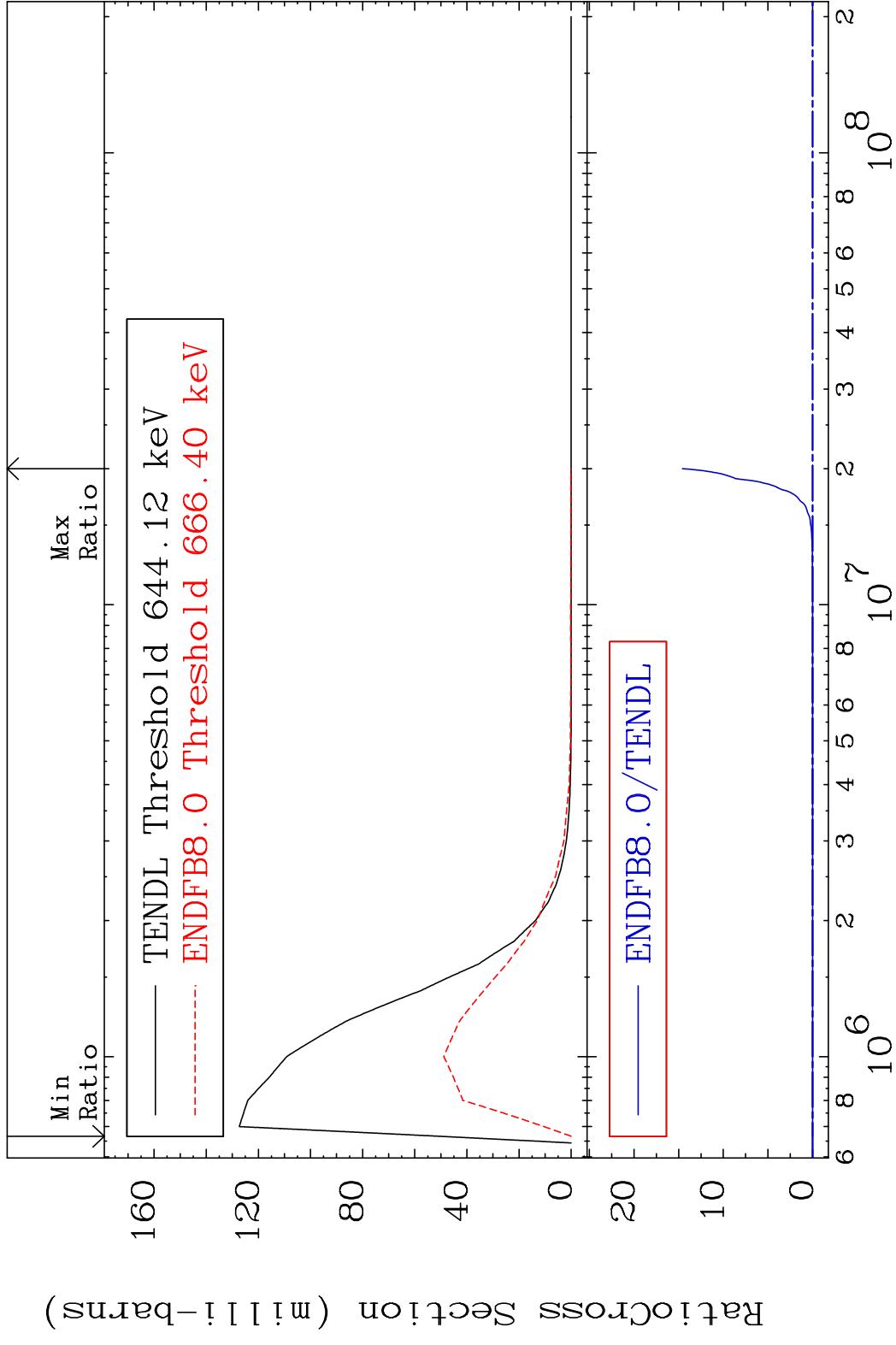
MAT 6840 MT= 66 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



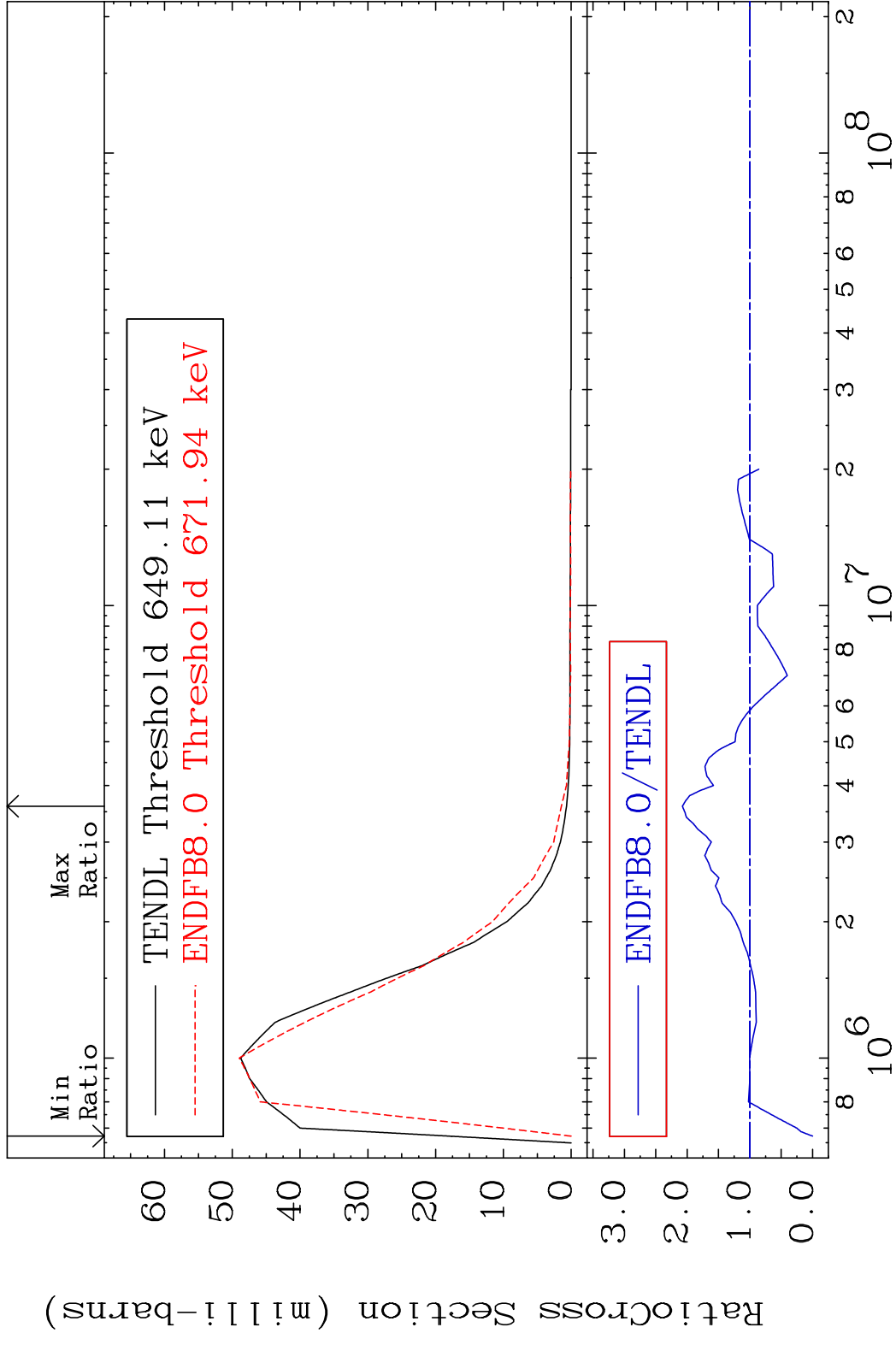
MAT 6840 MT= 67 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



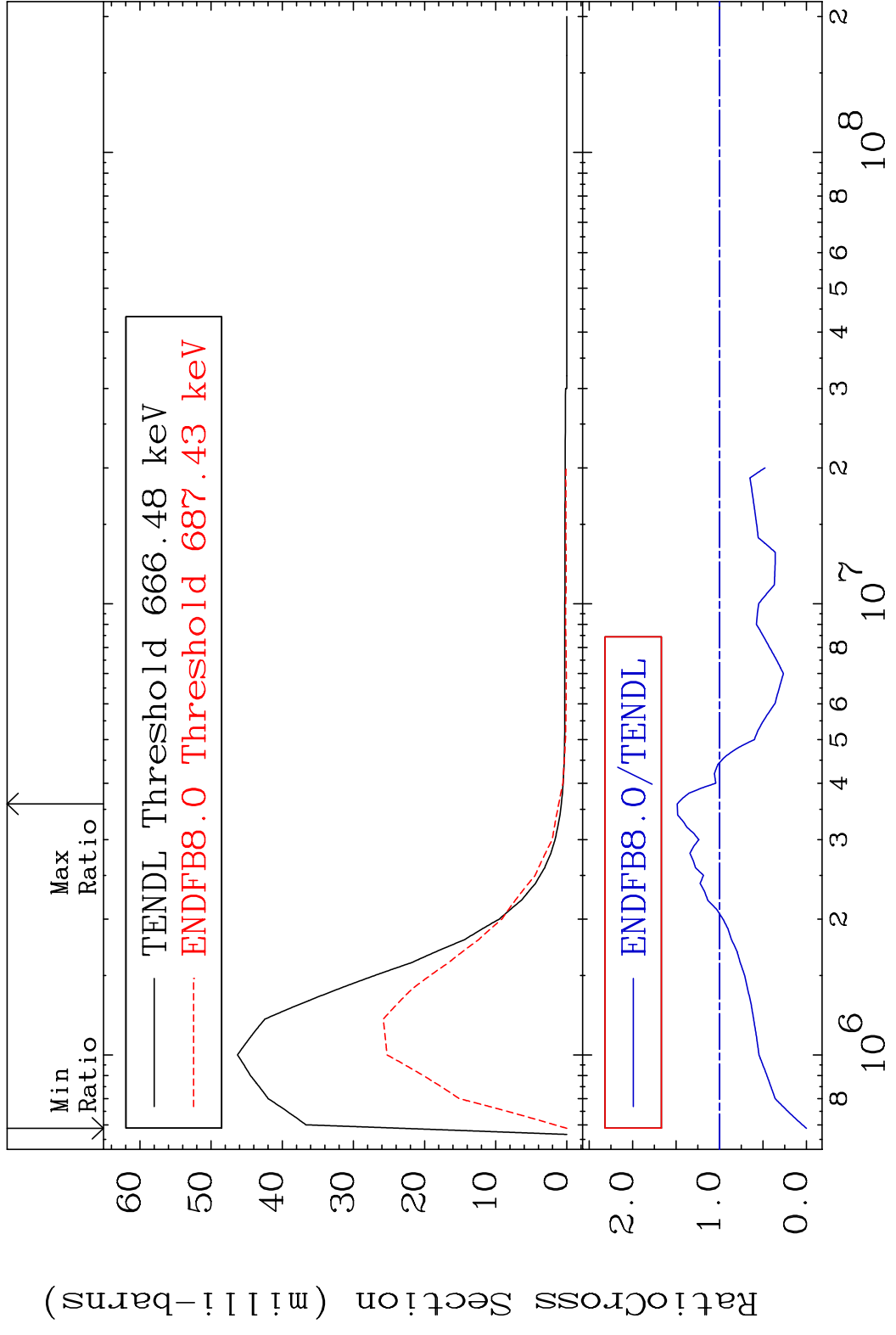
MAT 6840 MT= 68 (n, n') Level 68-Er-167
 Cross Section -100.0 To 9999. %



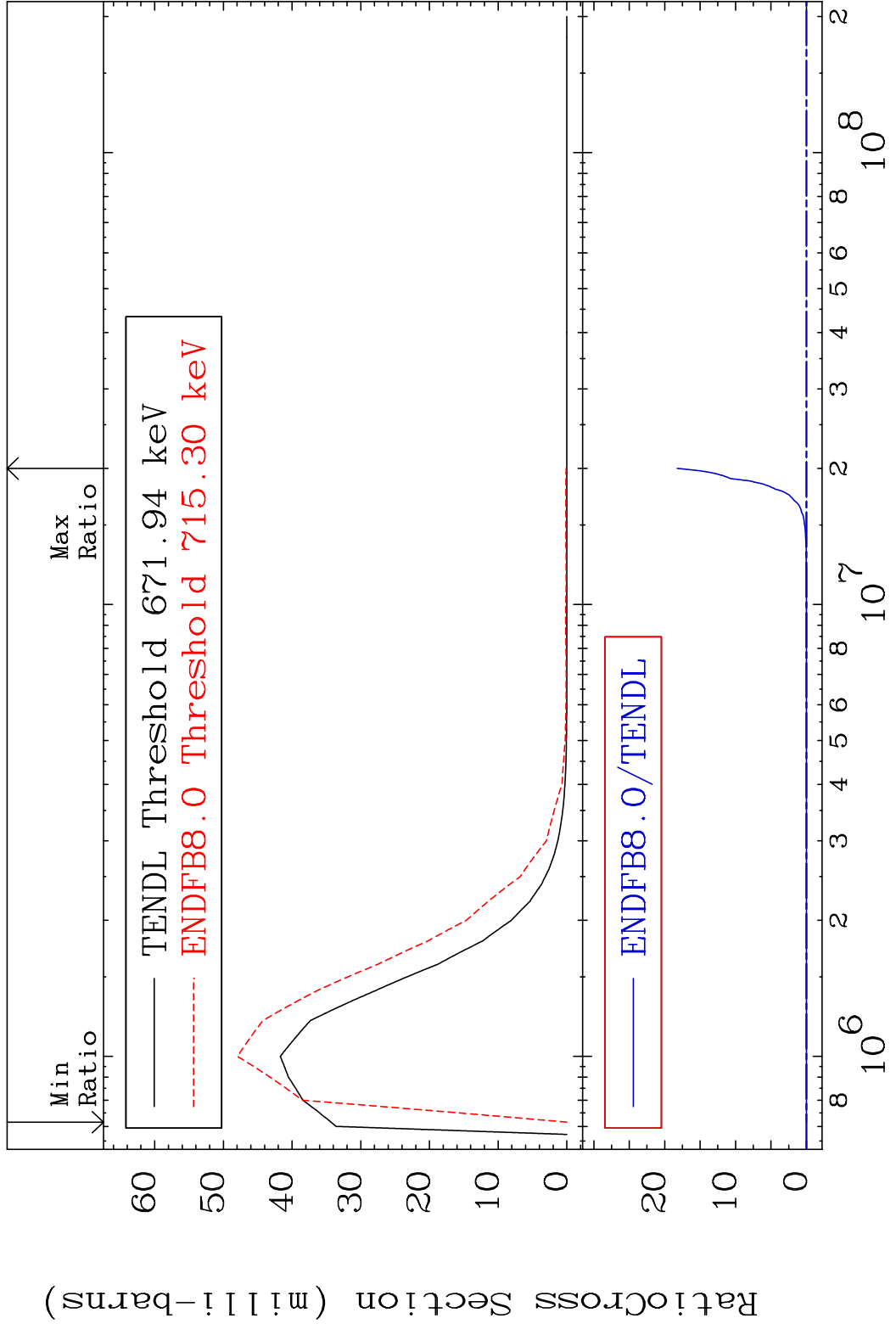
MAT 6840 MT= 69 (n, n') Level 68-Er-167
 Cross Section -100.0 To 107.6 %



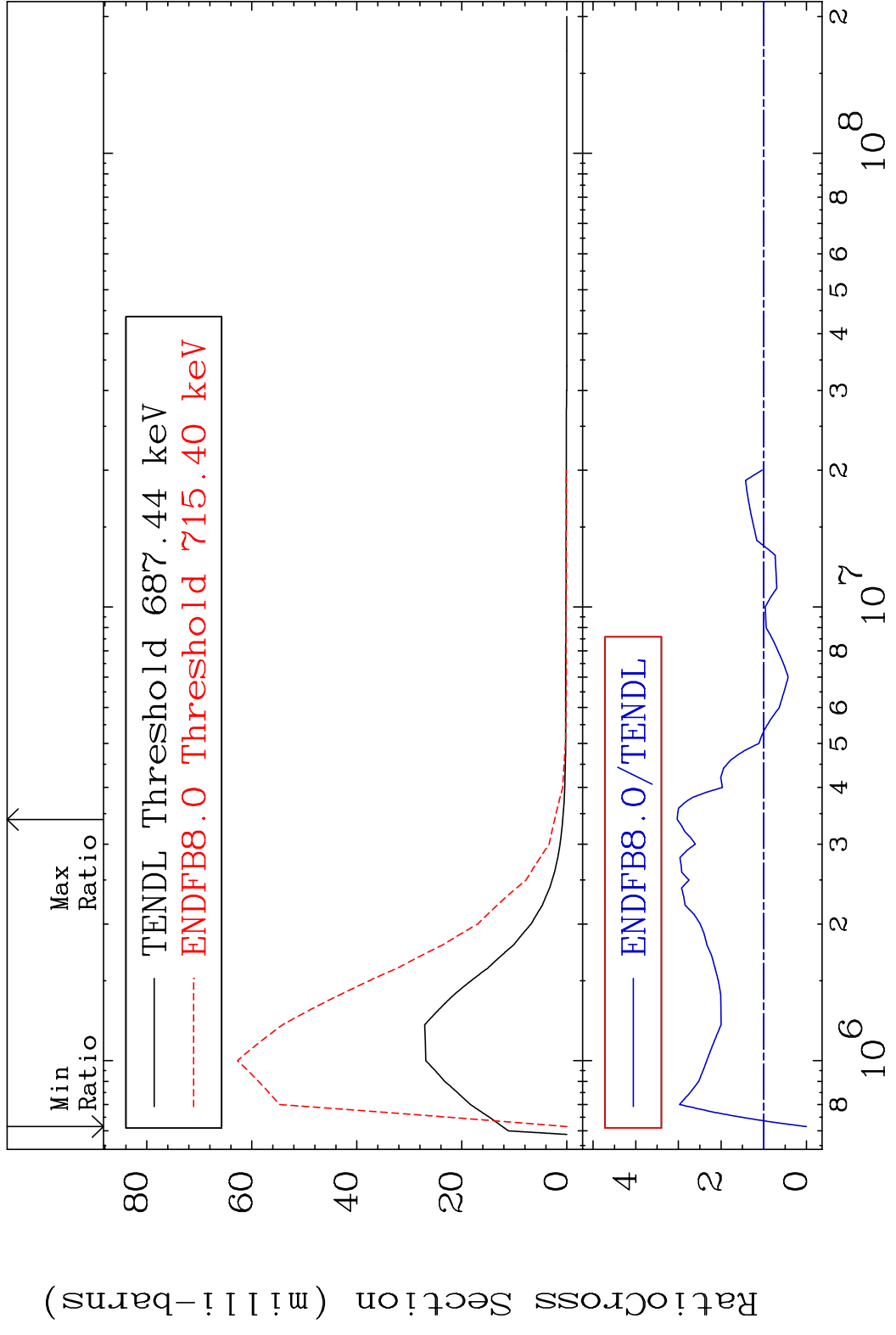
MAT 6840 MT= 70 (n, n') Level 68-Er-167
 Cross Section -100.0 To 48.77 %



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

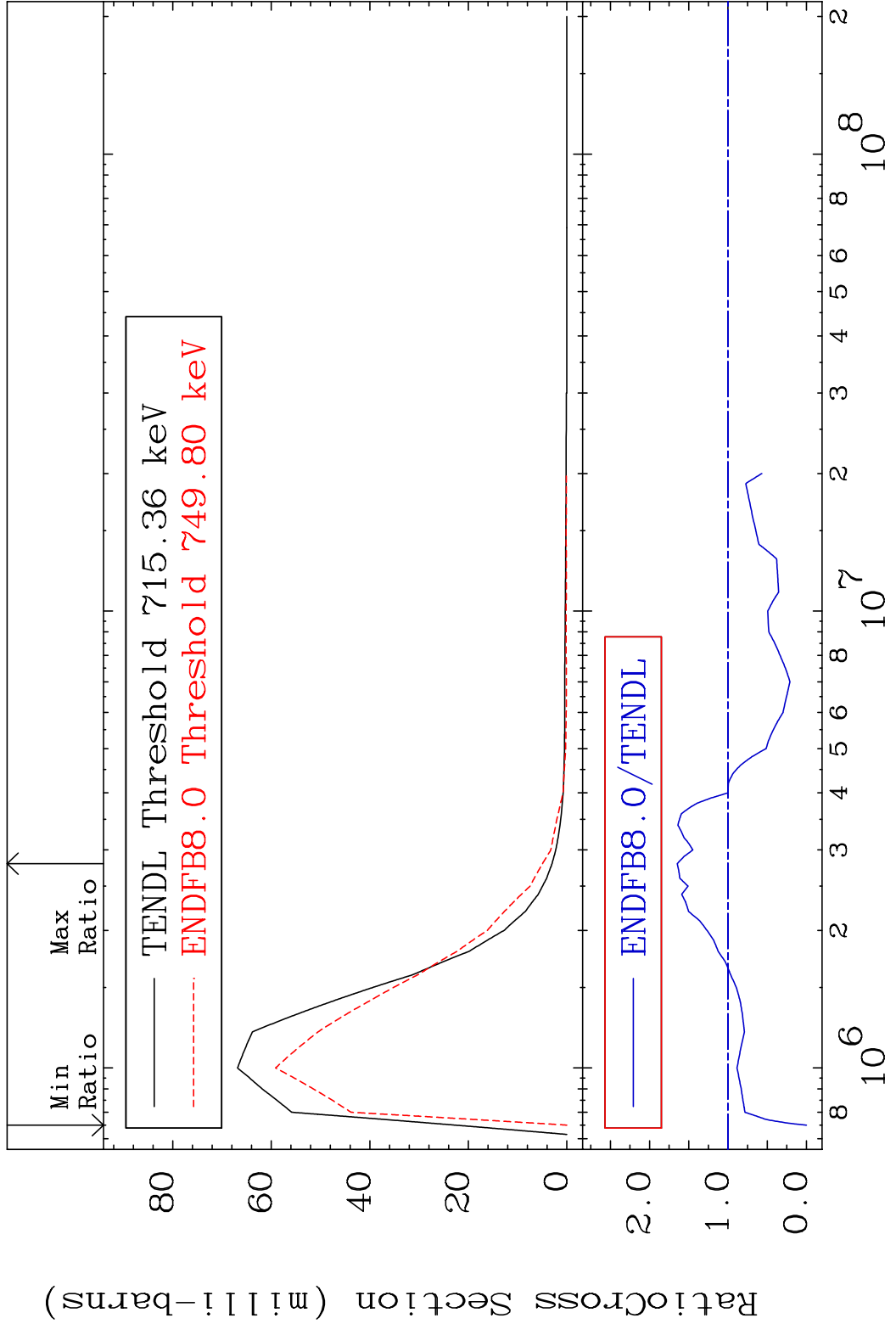


MAT 6840 MT= 72 (n, n') Level 68-Er-167
 Cross Section -100.0 To 202.9 %

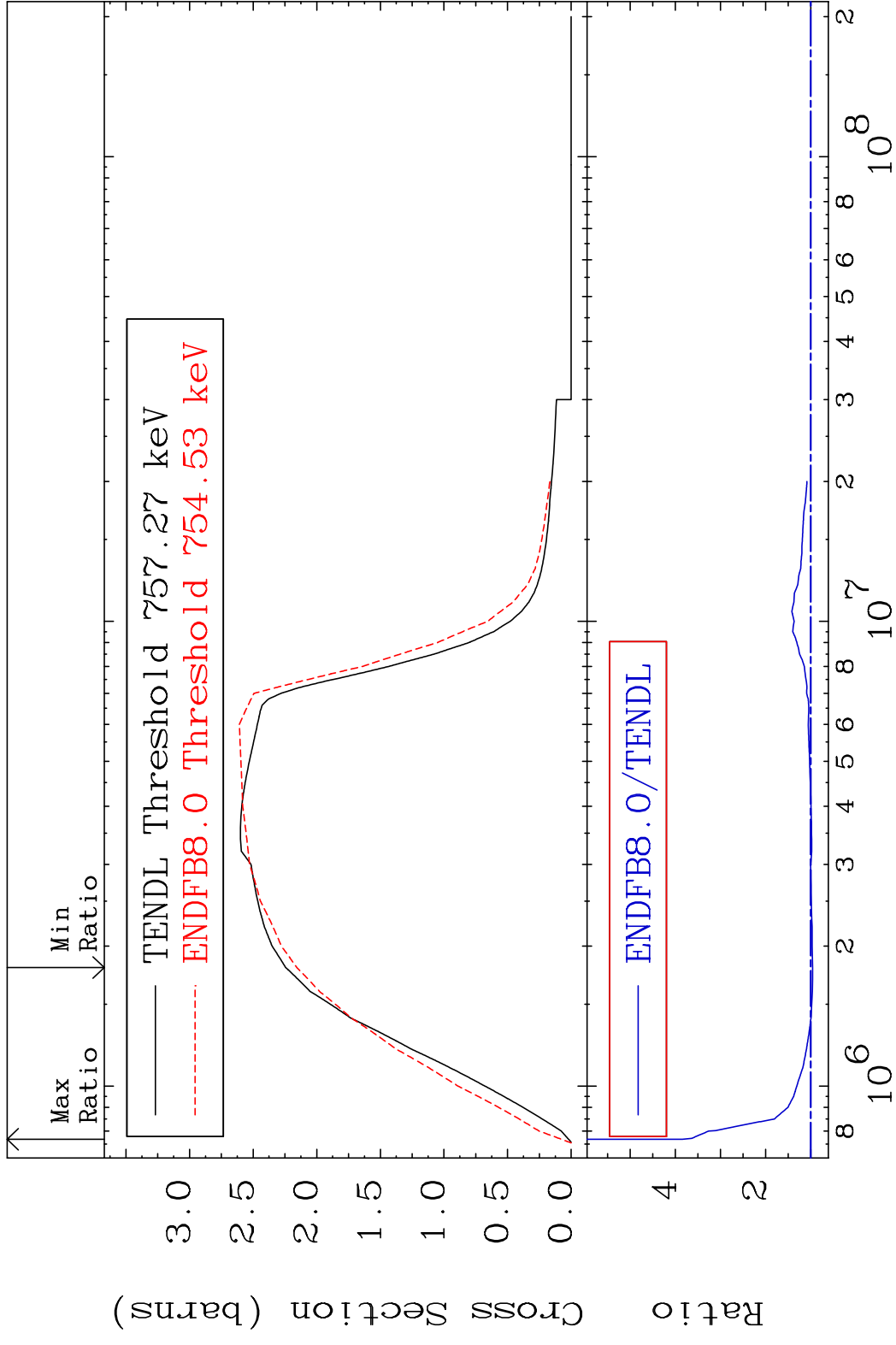


30 Incident Energy (eV) 68-Er-167

MAT 6840 MT= 73 (n, n') Level 68-Er-167
 Cross Section -100.0 To 64.79 %



MAT 6840 (n,n') Continuum 68-Er-167
 Cross Section -3.882 To 284.3 %

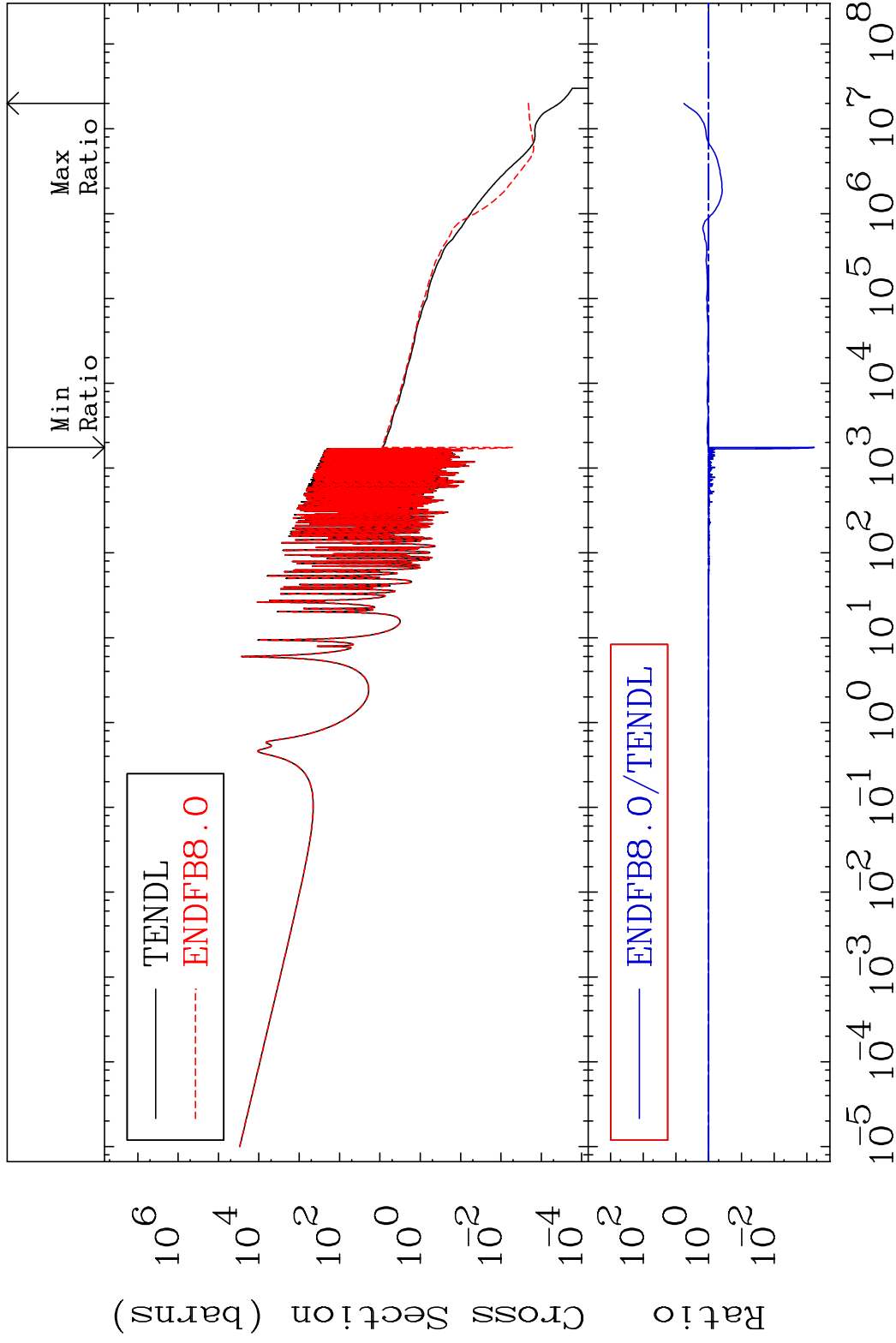


MAT 6840

(n, γ)

68-Er-167

Cross Section -99.94 To 482.3 %



33

Incident Energy (eV)

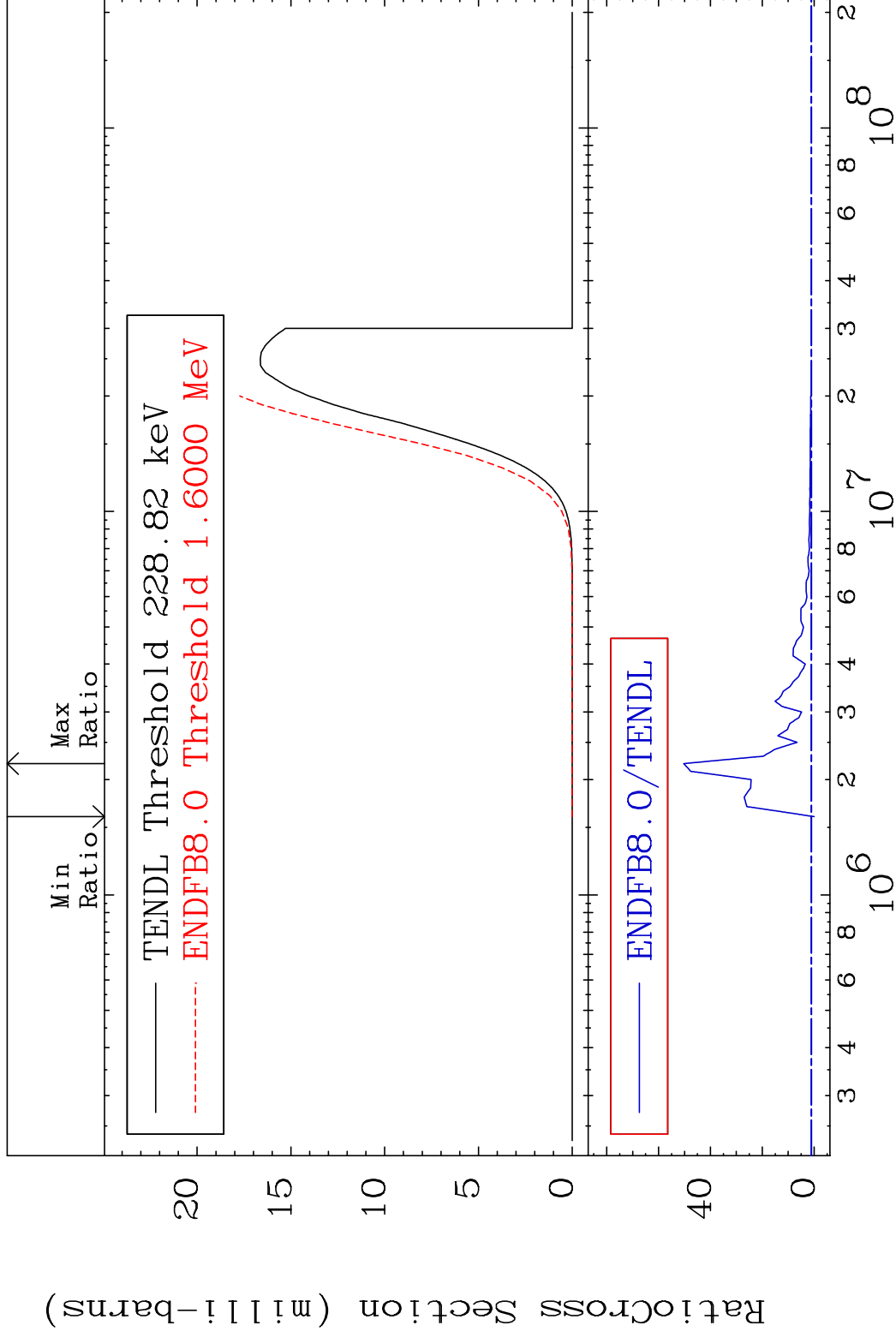
68-Er-167

MAT 6840

(n, p)

68-Er-167

Cross Section -100.0 To 4933. %



34

Incident Energy (eV)

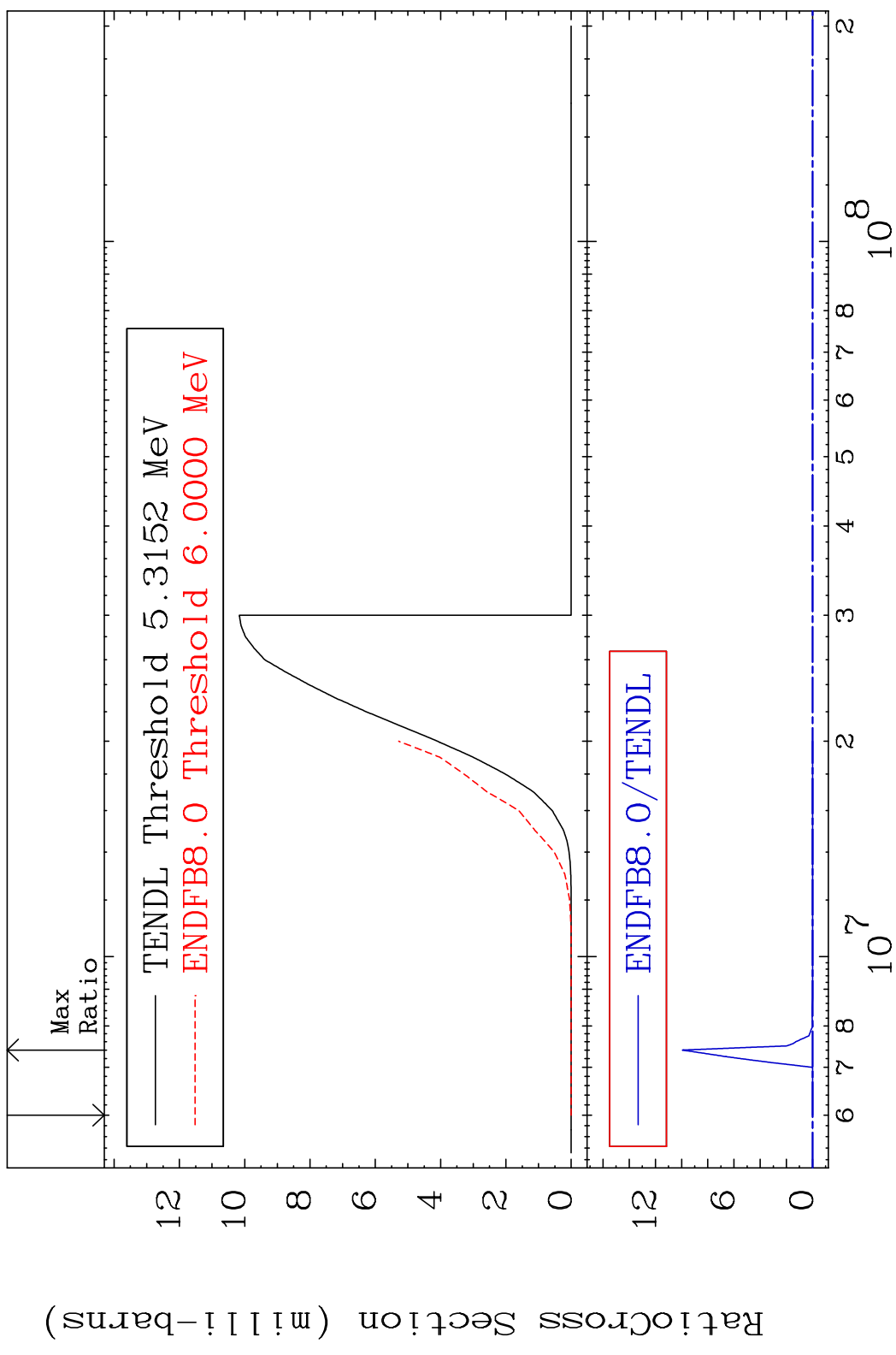
68-Er-167

MAT 6840

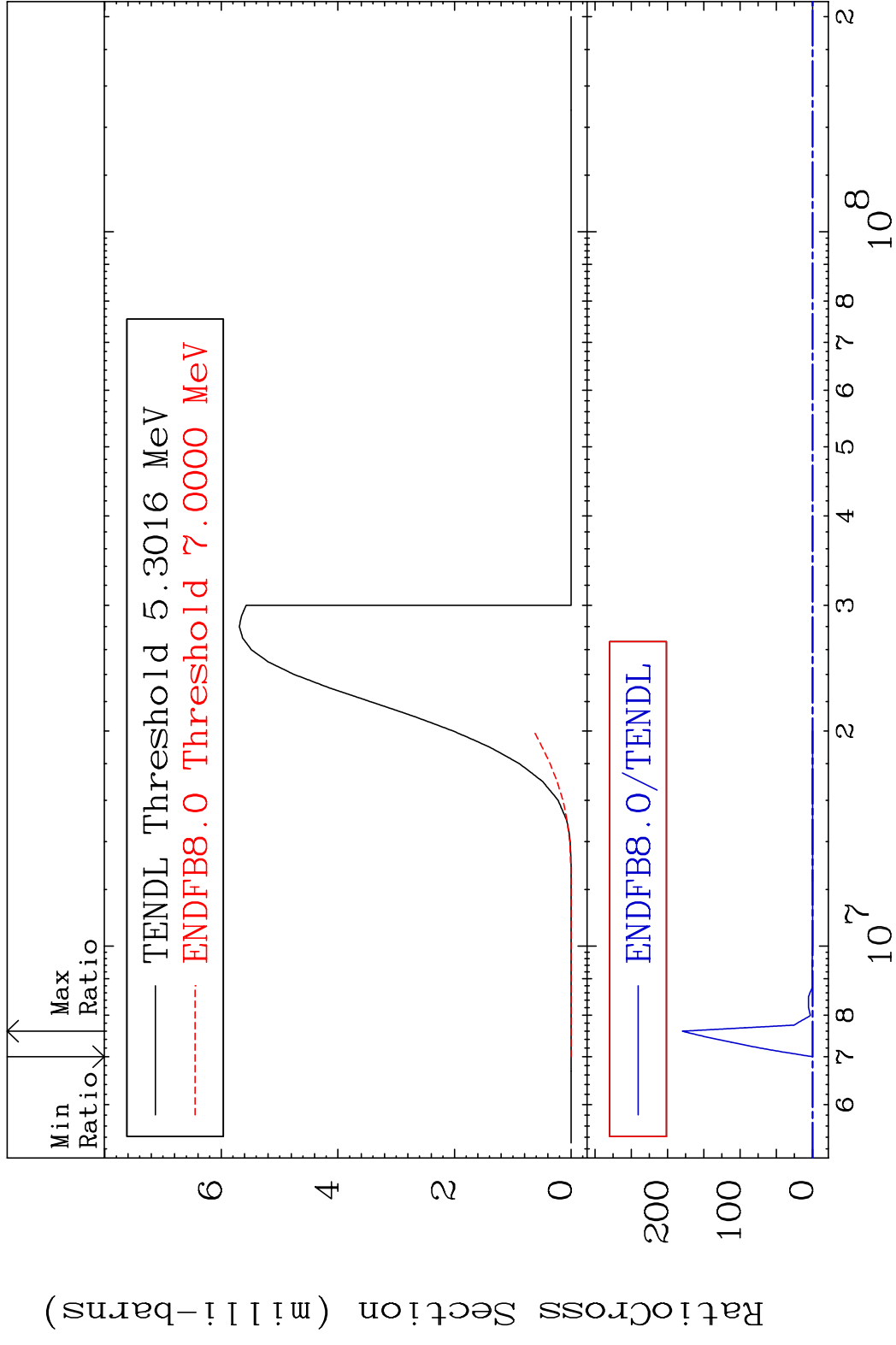
(n,d)

68-Er-167

Cross Section -100.0 To 9999. %



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

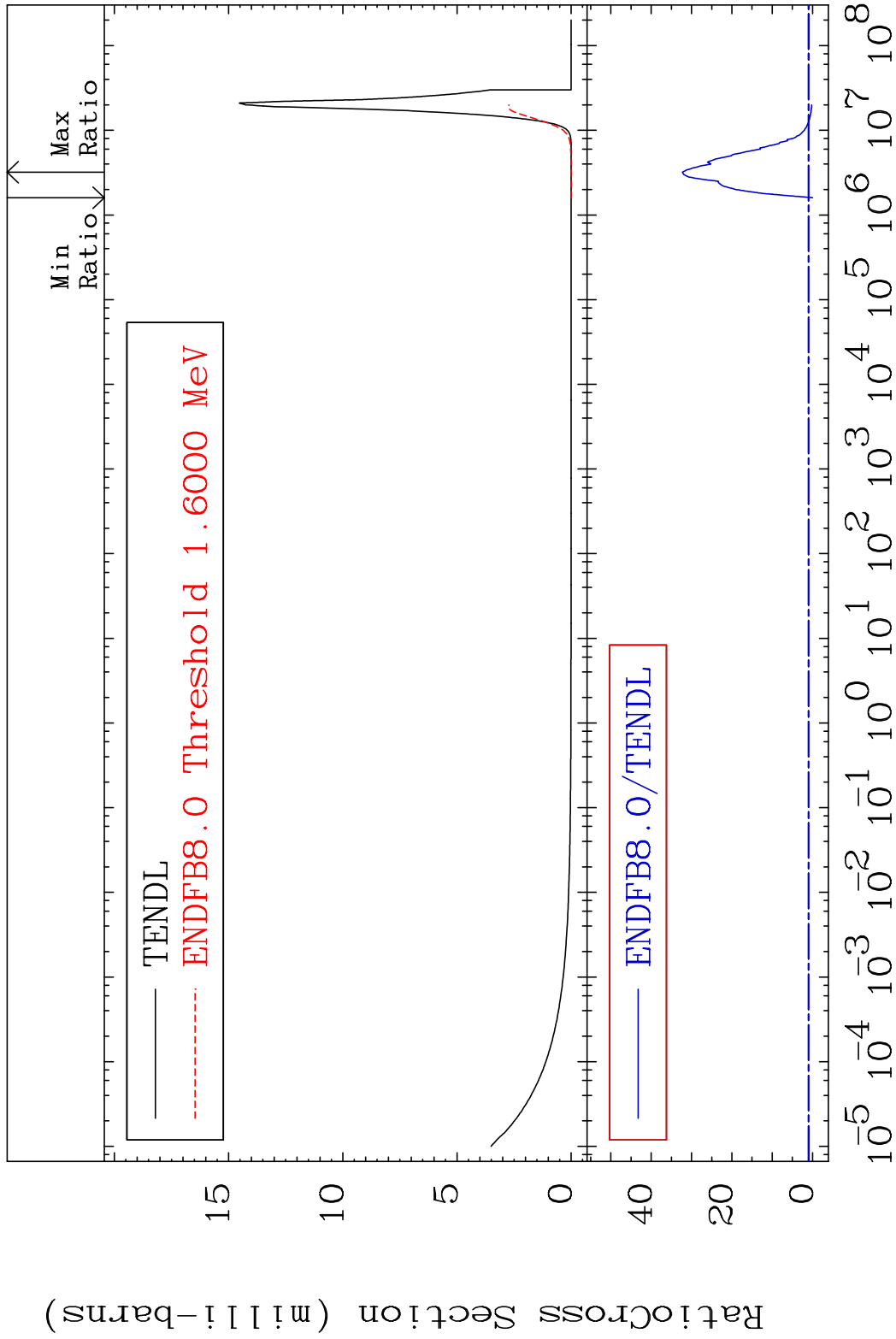


MAT 6840

(n, α)

68-Er-167

Cross Section -100.0 To 3128. %

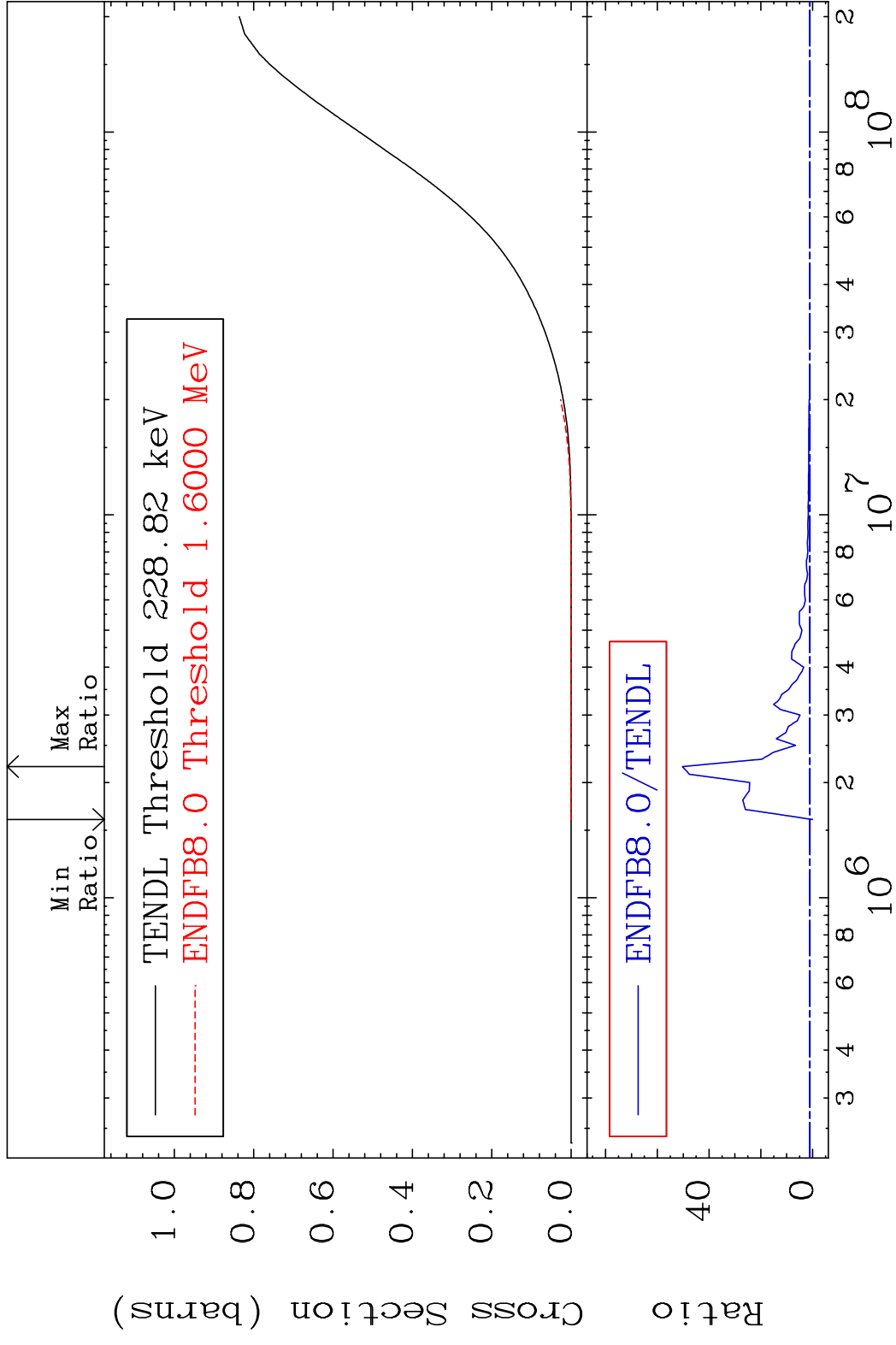


37

Incident Energy (eV)

68-Er-167

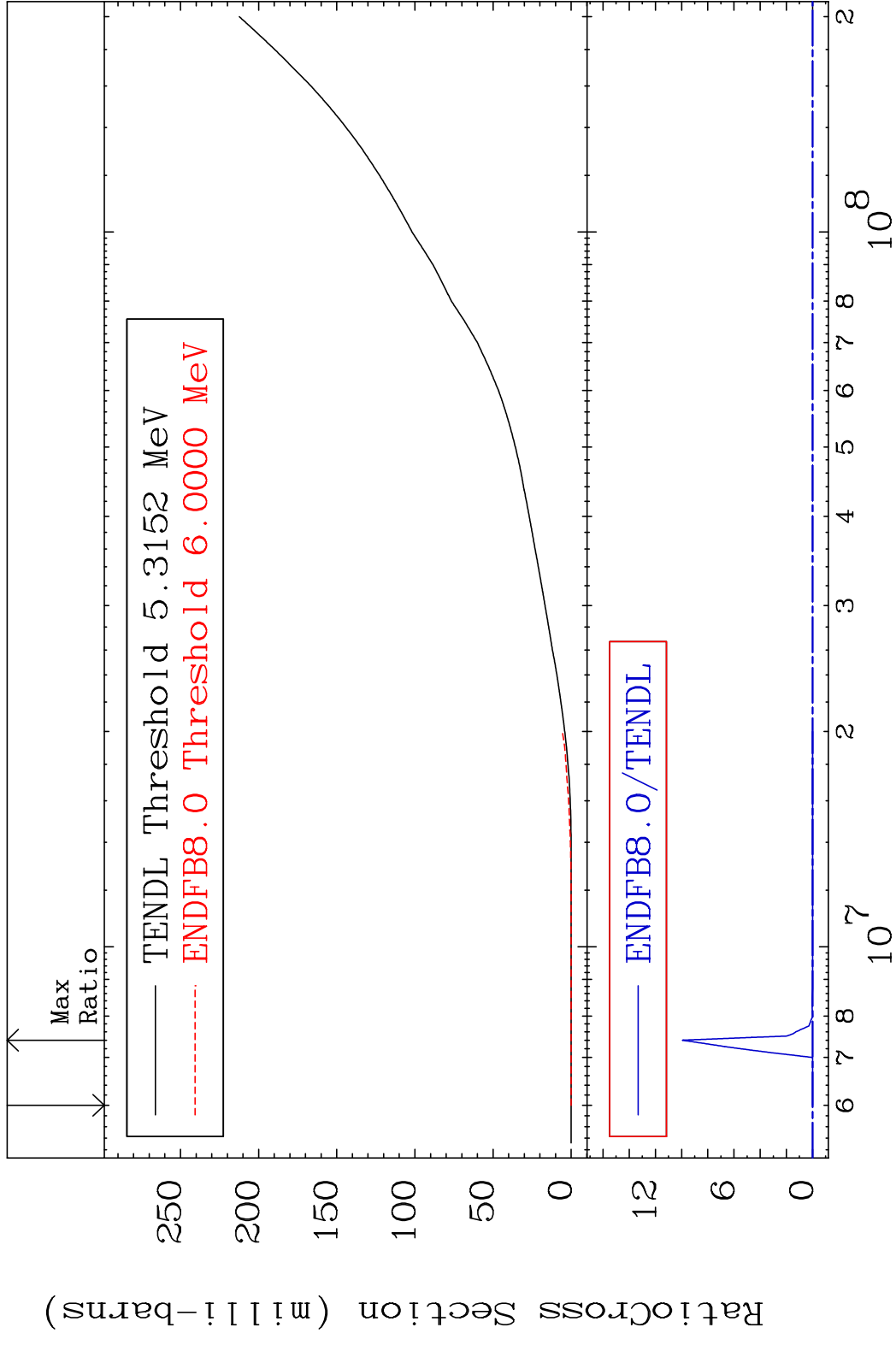
MAT 6840 Hydrogen Production 68-Er-167
 Cross Section -100.0 To 4933. %



MAT 6840

Deuterium Production 68-Er-167

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

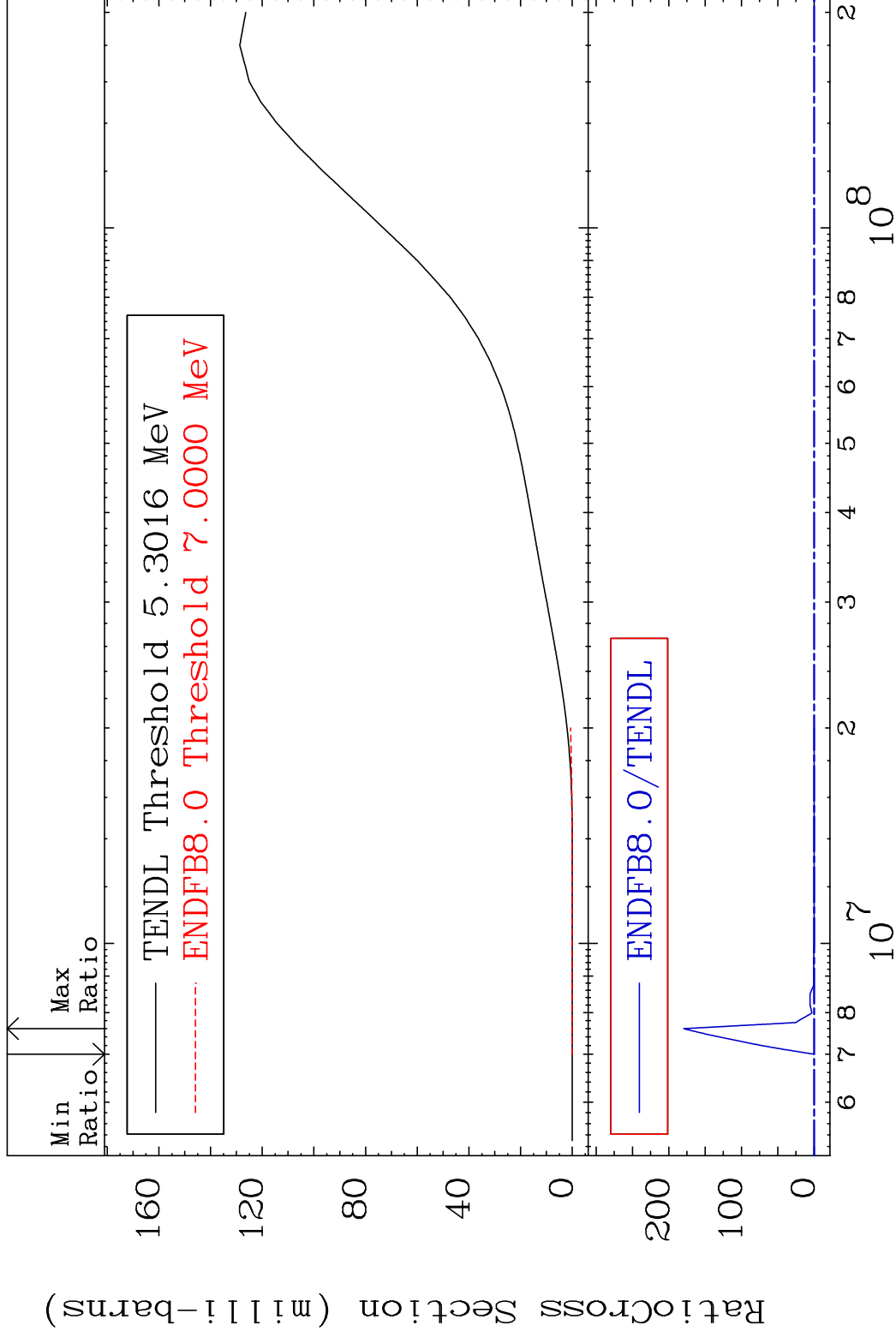
68-Er-167

MAT 6840

Tritium Production

68-Er-167

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

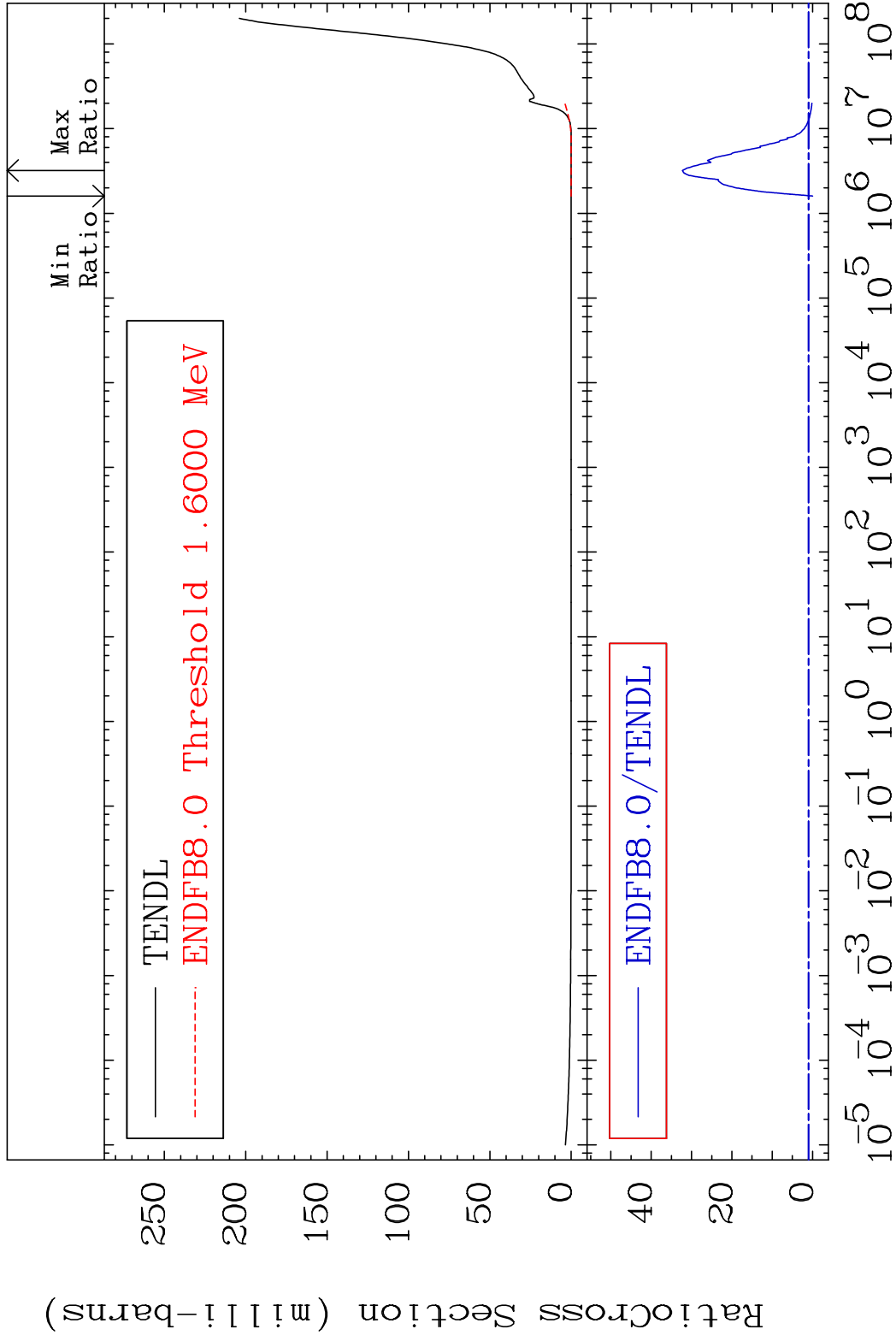
68-Er-167

MAT 6840

He-4 Production

68-Er-167

Cross Section -100.0 To 3128. %

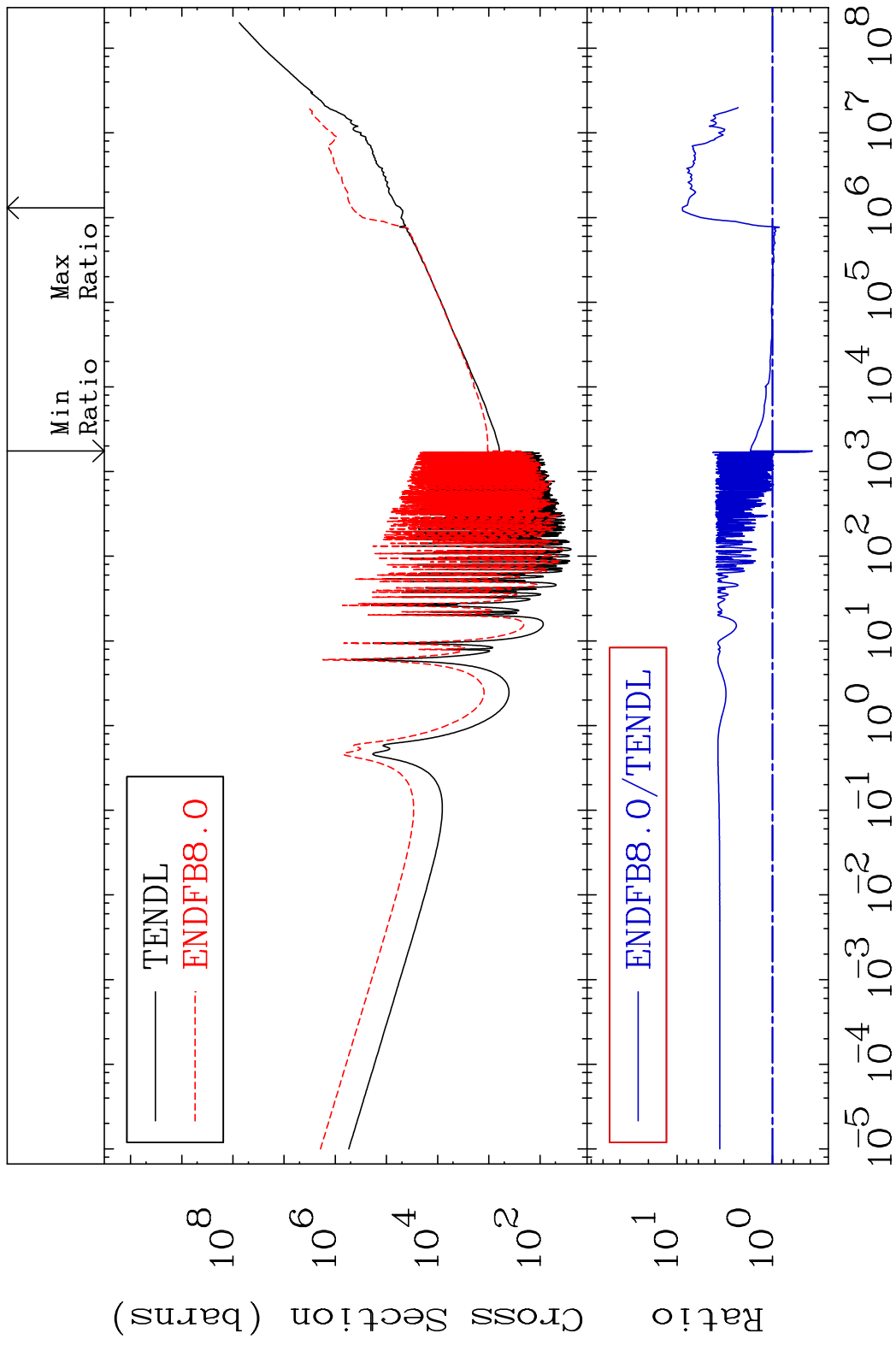


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Incident Energy (eV)

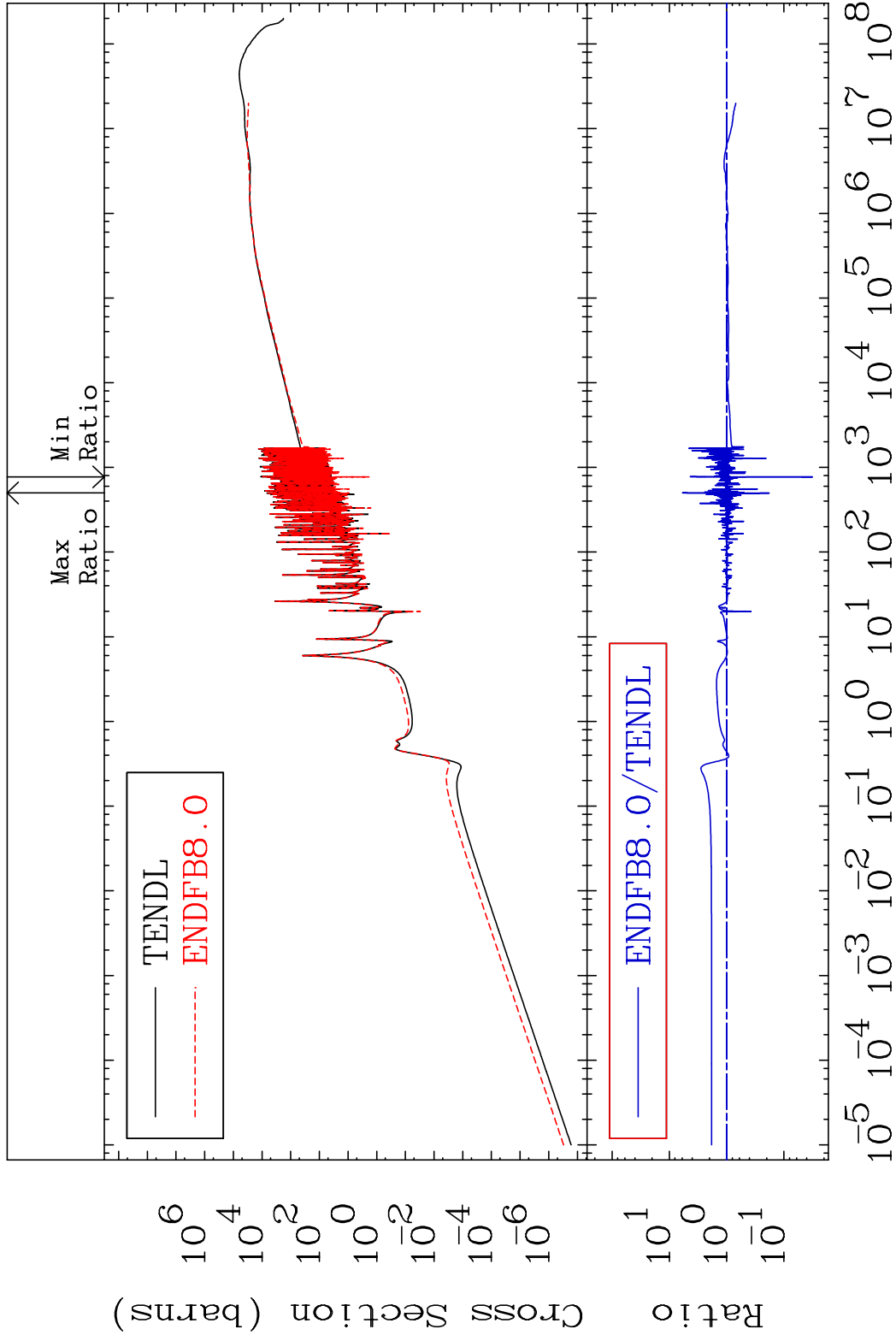
68-Er-167

MAT 6840 Kerma total (eV-barns) 68-Er-167
 Cross Section -62.11 To 781.7 %



MAT 6840

Kerma elastic 68-Er-167
Cross Section -96.83 To 494.1 %

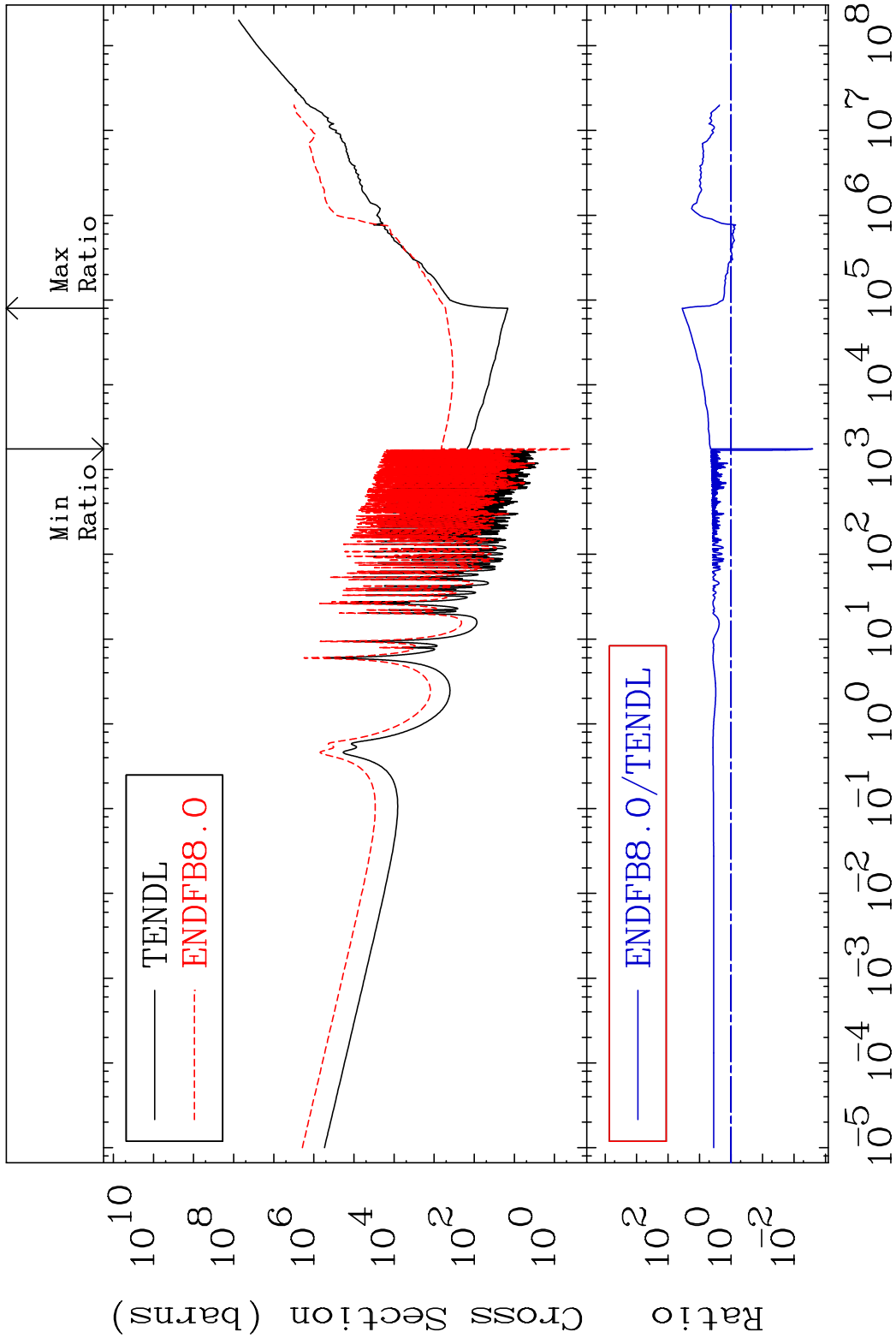


43

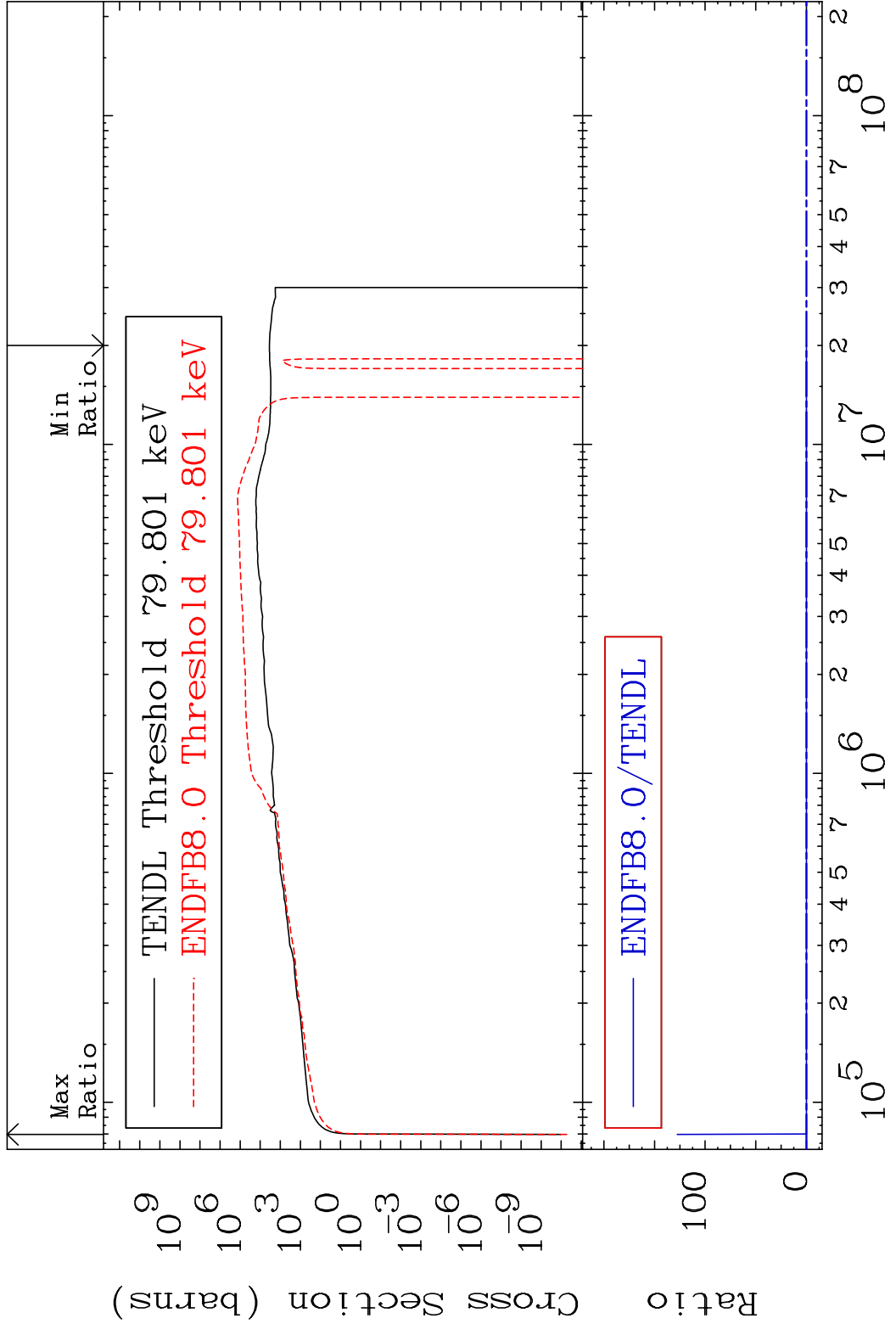
Incident Energy (eV)

68-Er-167

MAT 6840 Kerma non-elastic (all but mt2) 68-Er-167
 Cross Section -99.74 To 3479. %

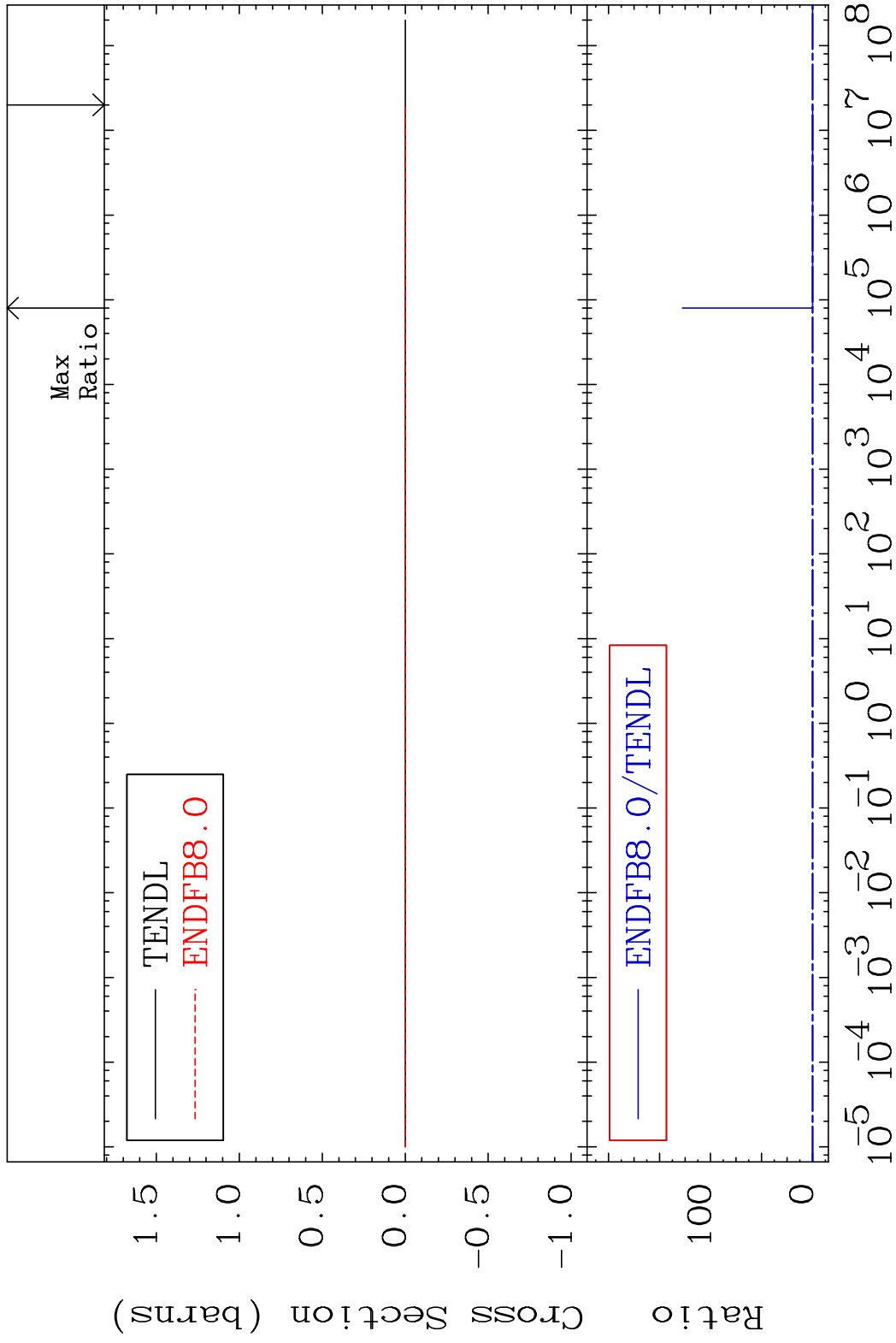


MAT 6840 Kerma inelastic (mt51-91) 68-Er-167
 Cross Section -286.5 To 9999. %



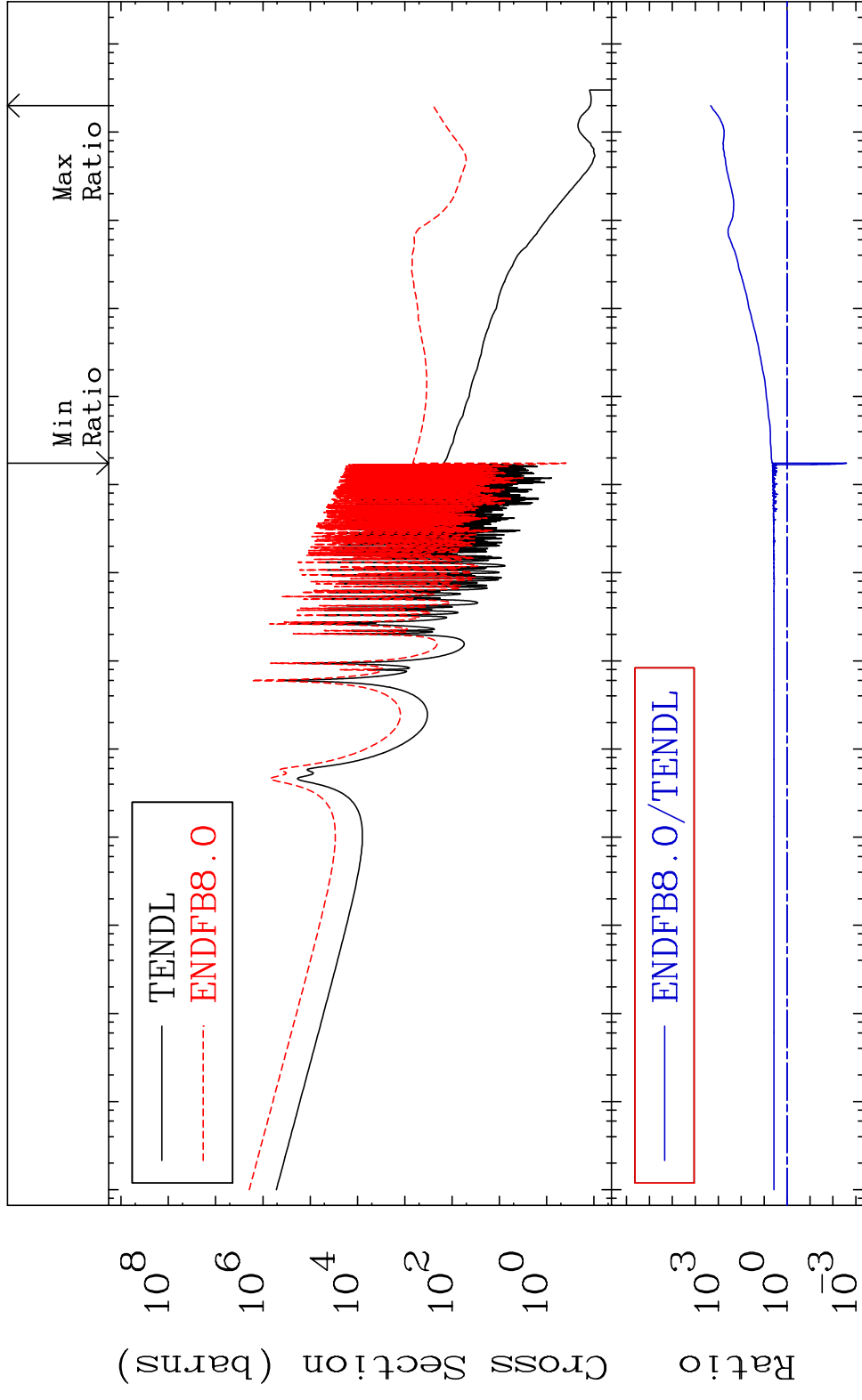
45 68-Er-167

MAT 6840 Kerma fission (mt18 or mt19-20-21-38) 68-Er-167
 Cross Section -286.5 To 9999. %



MAT 6840

Kerma capture (mt102) 68-Er-167
Cross Section -99.74 To 9999. %

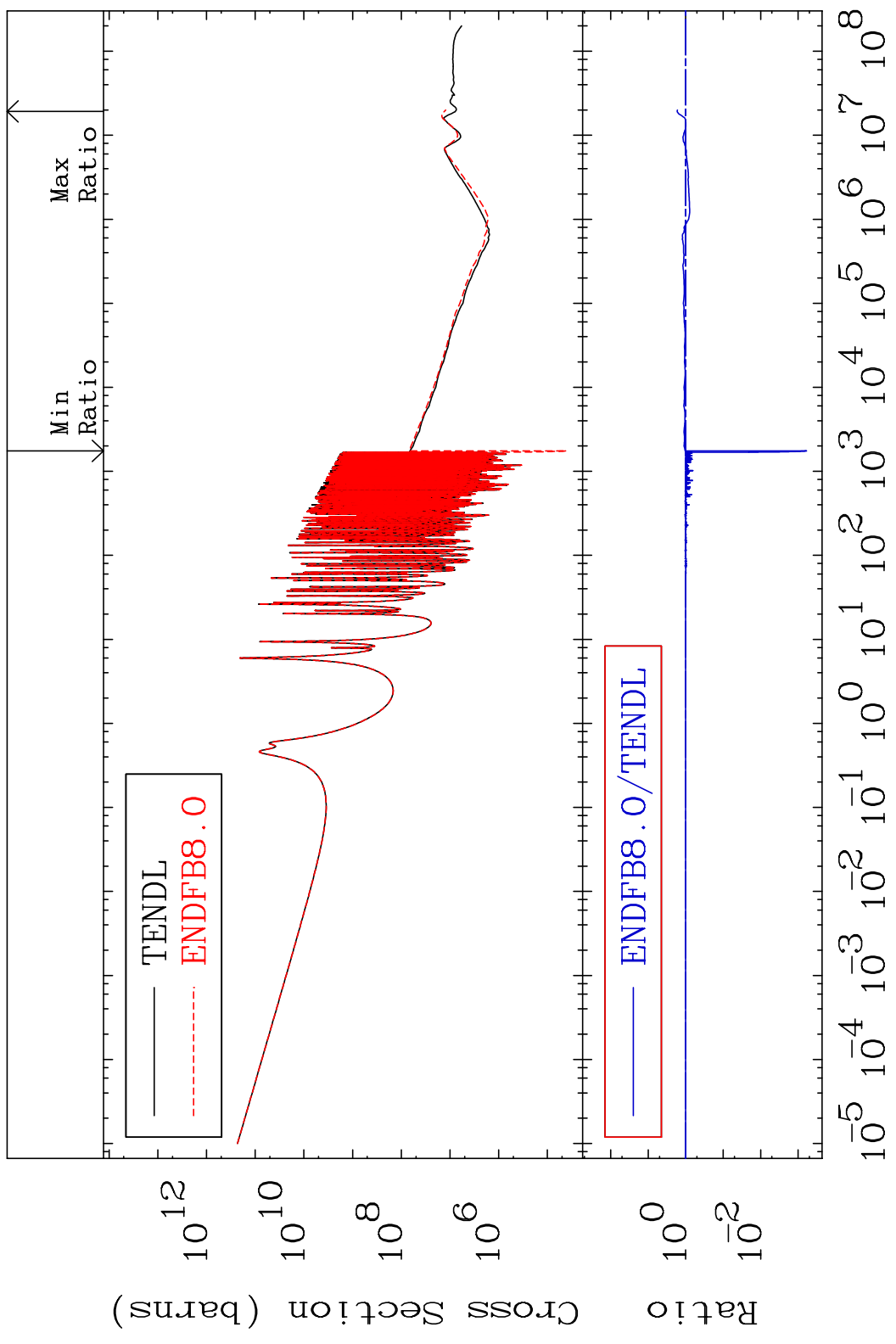


MAT 6840

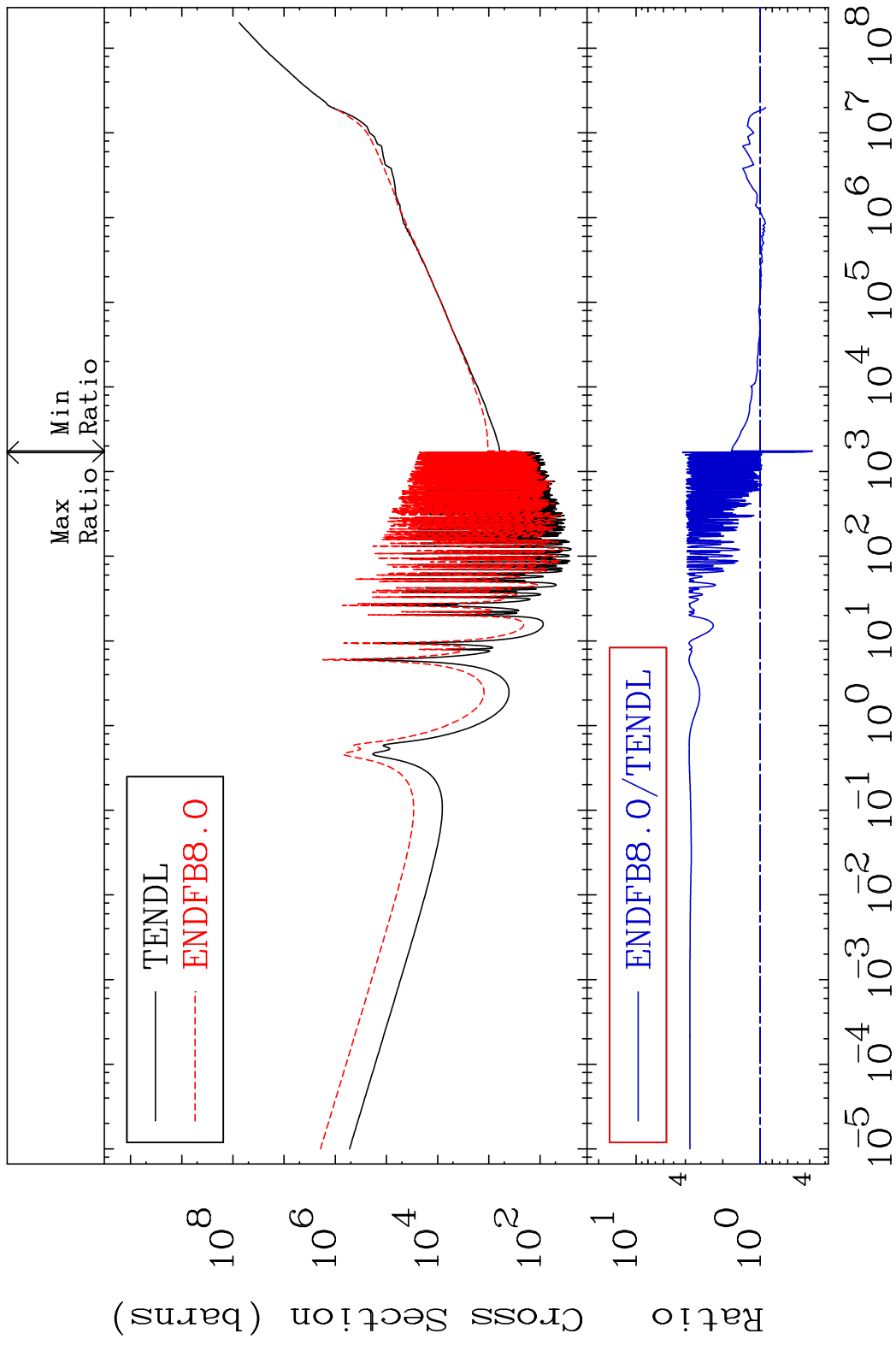
Total photon (eV-barns)

68-Er-167

Cross Section -99.94 To 68.48 %



MAT 6840 Total kinematic kerma (high limit) 68-Er-167
 Cross Section -62.11 To 323.5 %

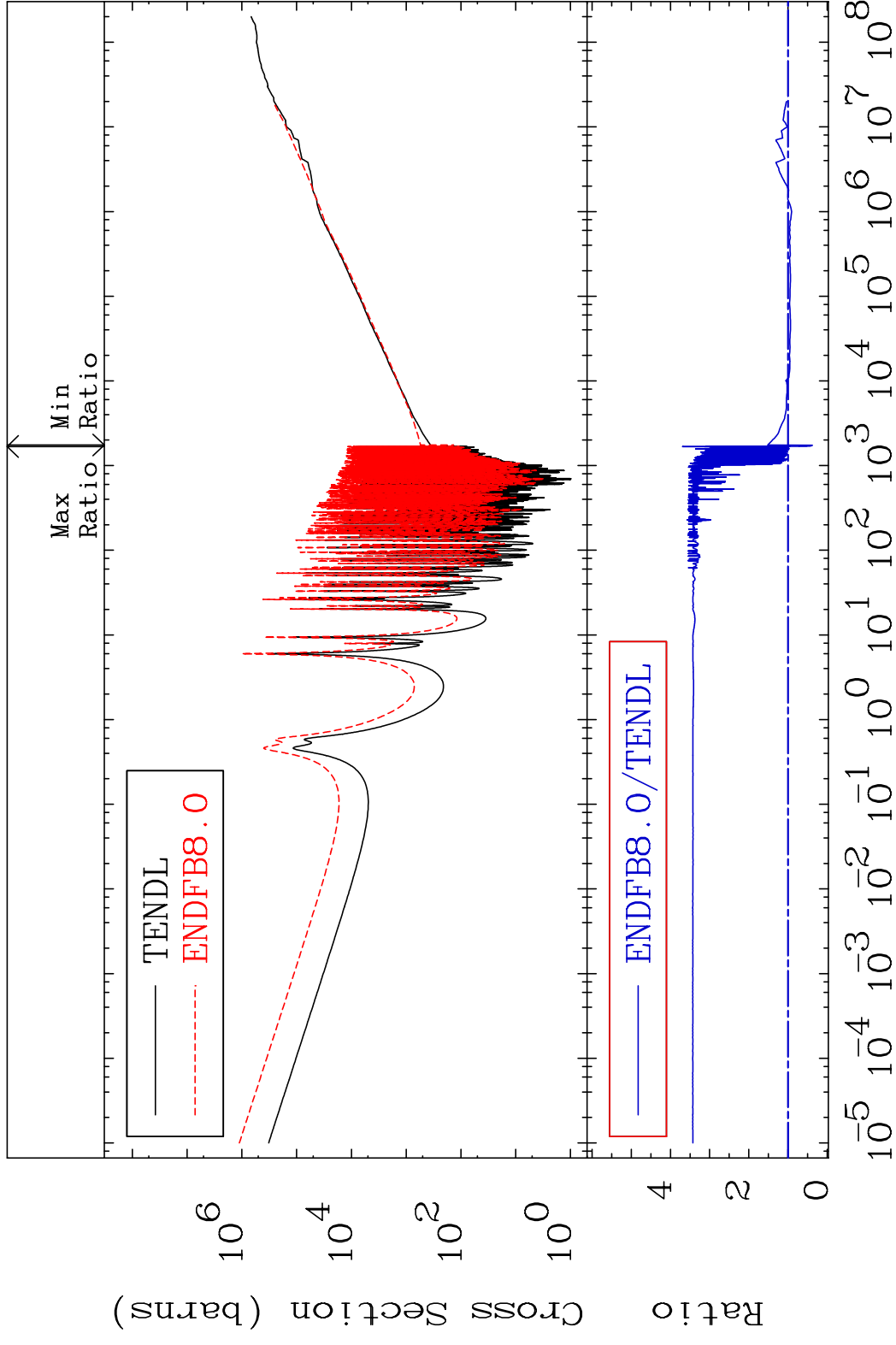


MAT 6840

Dpa total (eV-barns)

68-Er-167

Cross Section -62.73 To 269.6 %



50

Incident Energy (eV)

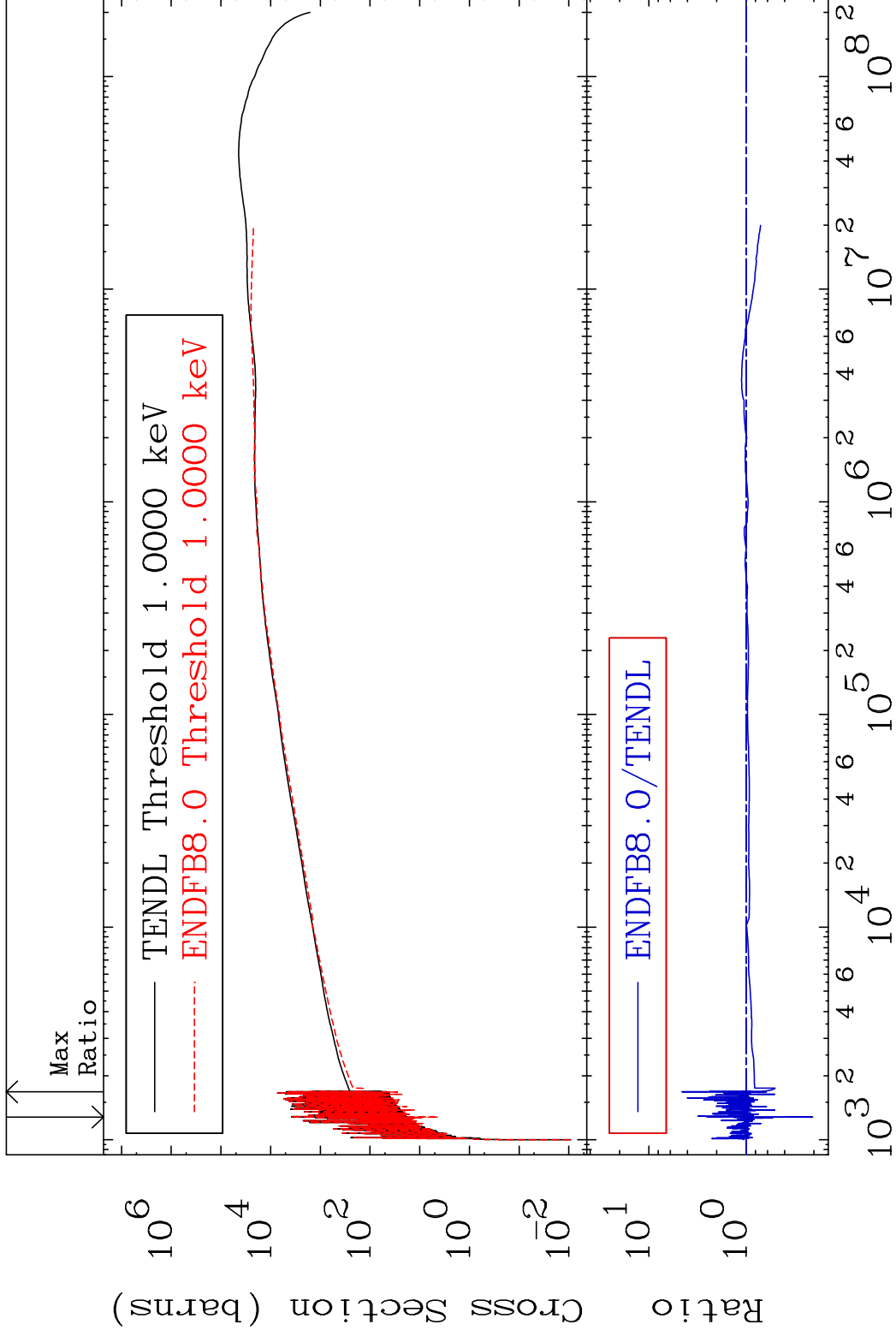
68-Er-167

MAT 6840

Dpa elastic (mt2)

68-Er-167

Cross Section -79.29 To 353.9 %

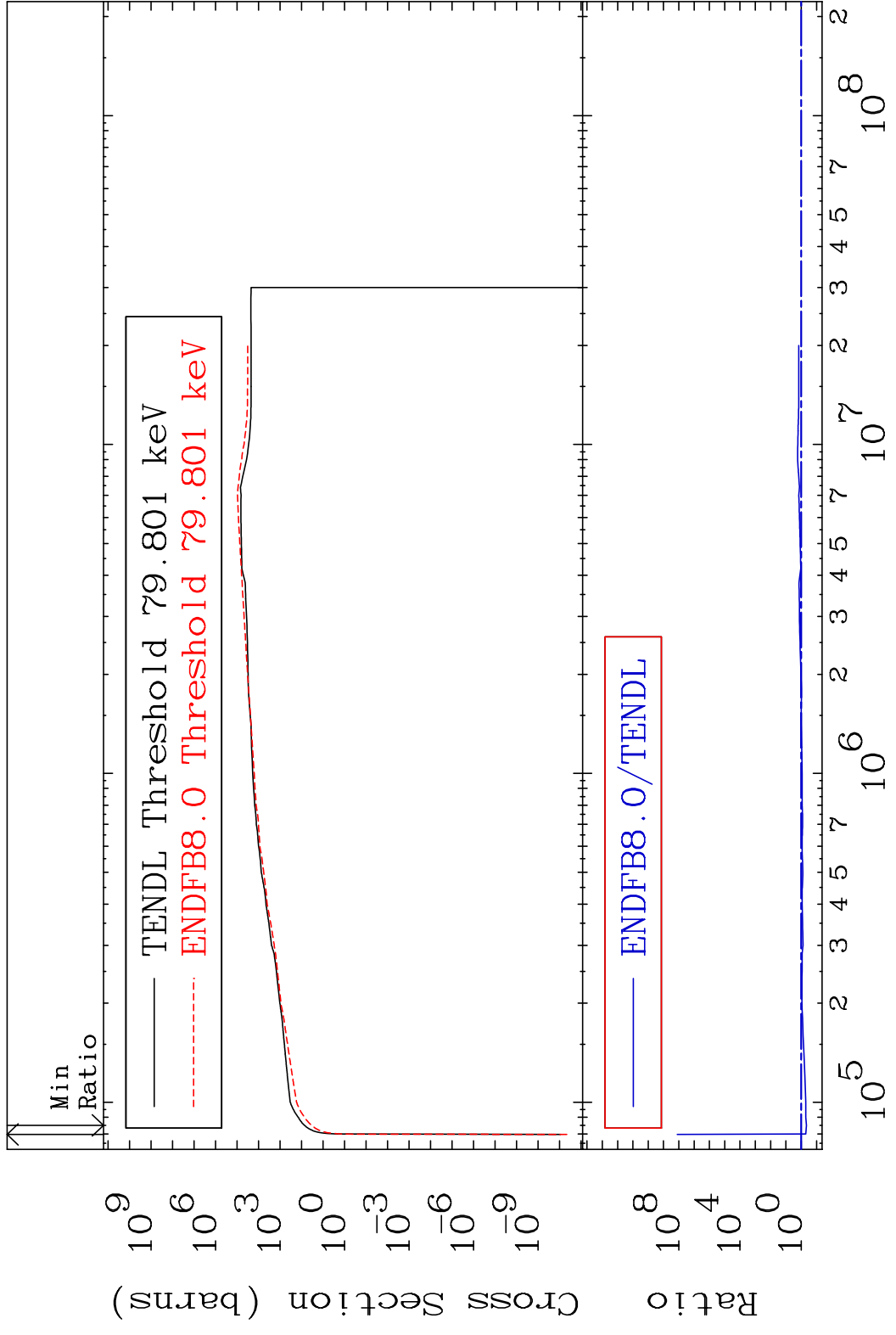


51

Incident Energy (eV)

68-Er-167

MAT 6840 Dpa inelastic (mt51-91) 68-Er-167
 Cross Section -54.10 To 9999. %



MAT 6840 Dpa disappearance (mt102 -120) 68-Er-167
 Cross Section -99.79 To 1373. %

