

Program Complot
(Version 2021-1)

by

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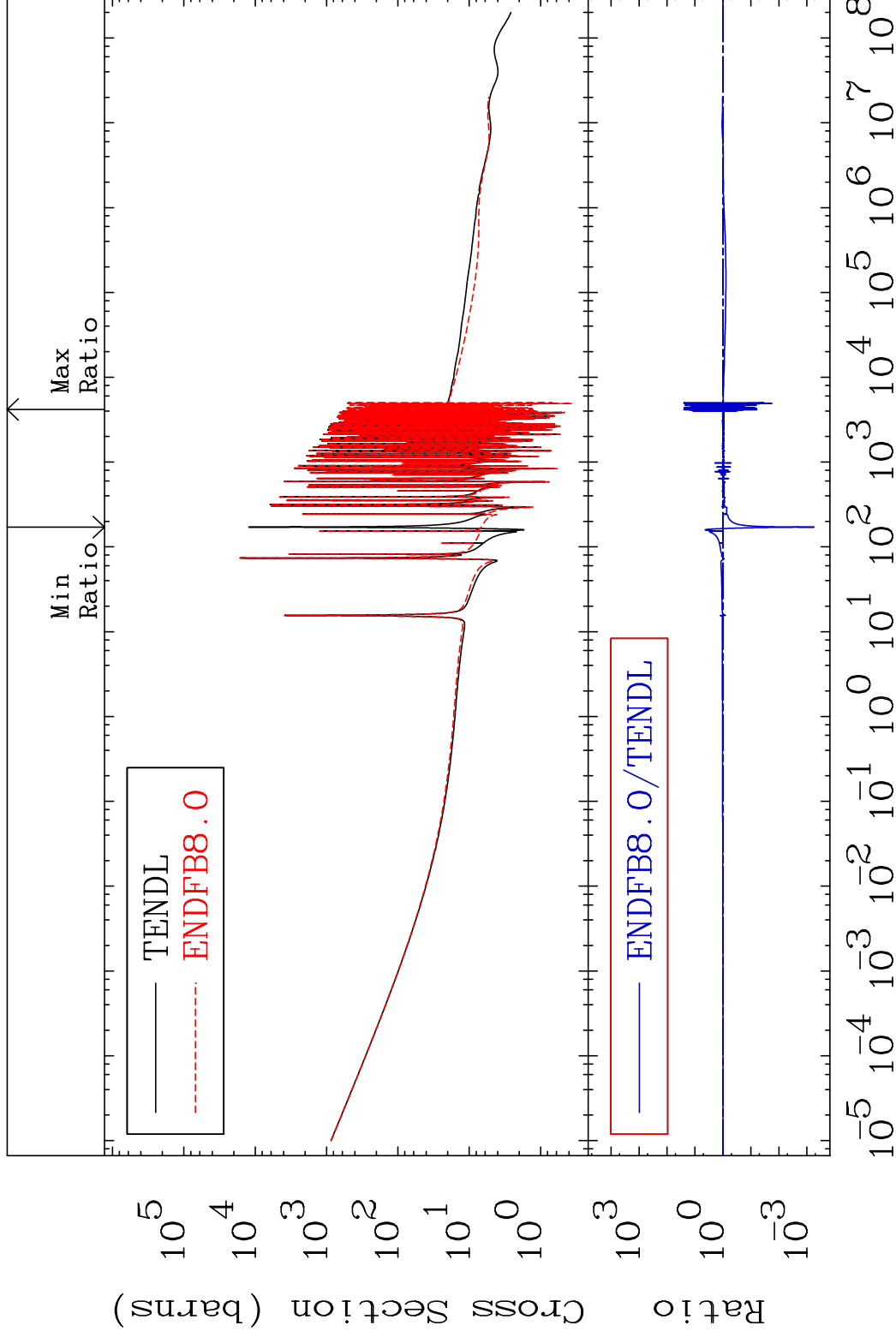
Press Mouse Button to Start

MAT 6837

Total

68-Er-166

Cross Section -99.94 To 2444. %



1

Incident Energy (eV)

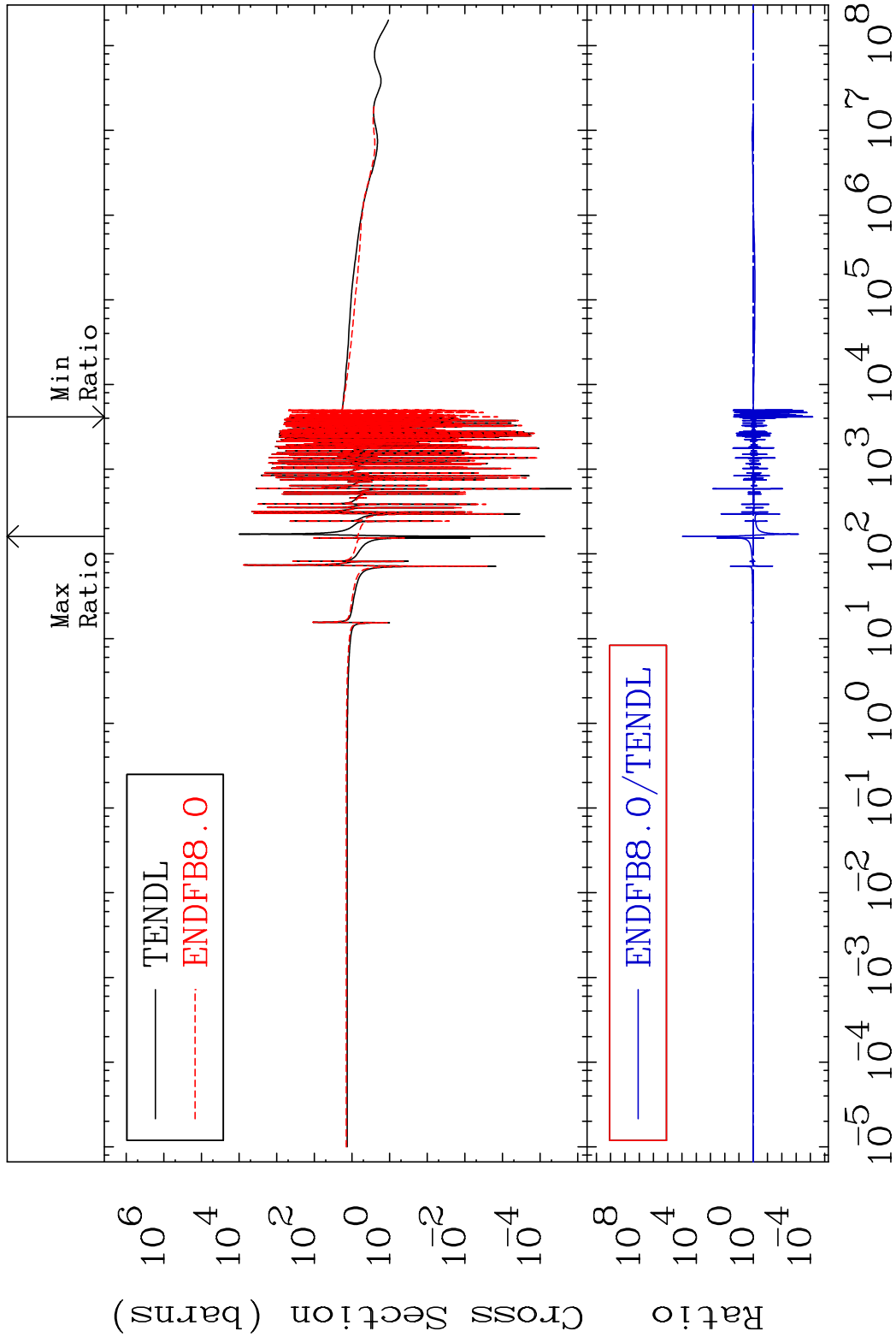
68-Er-166

MAT 6837

Elastic

68-Er-166

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

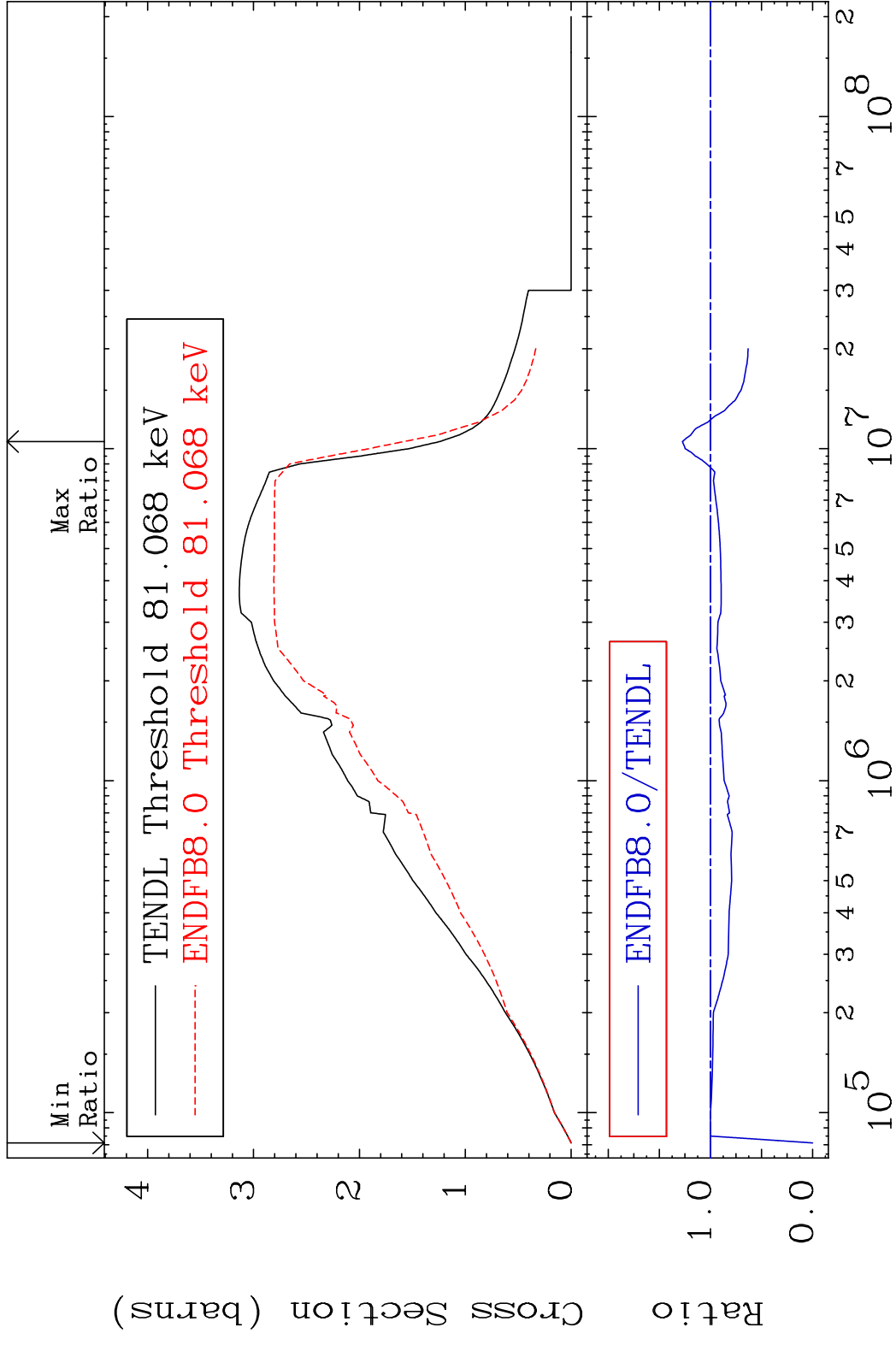
68-Er-166

MAT 6837

68-Er-166

Inelastic

Cross Section -100.0 To 27.50 %



3

Incident Energy (eV)

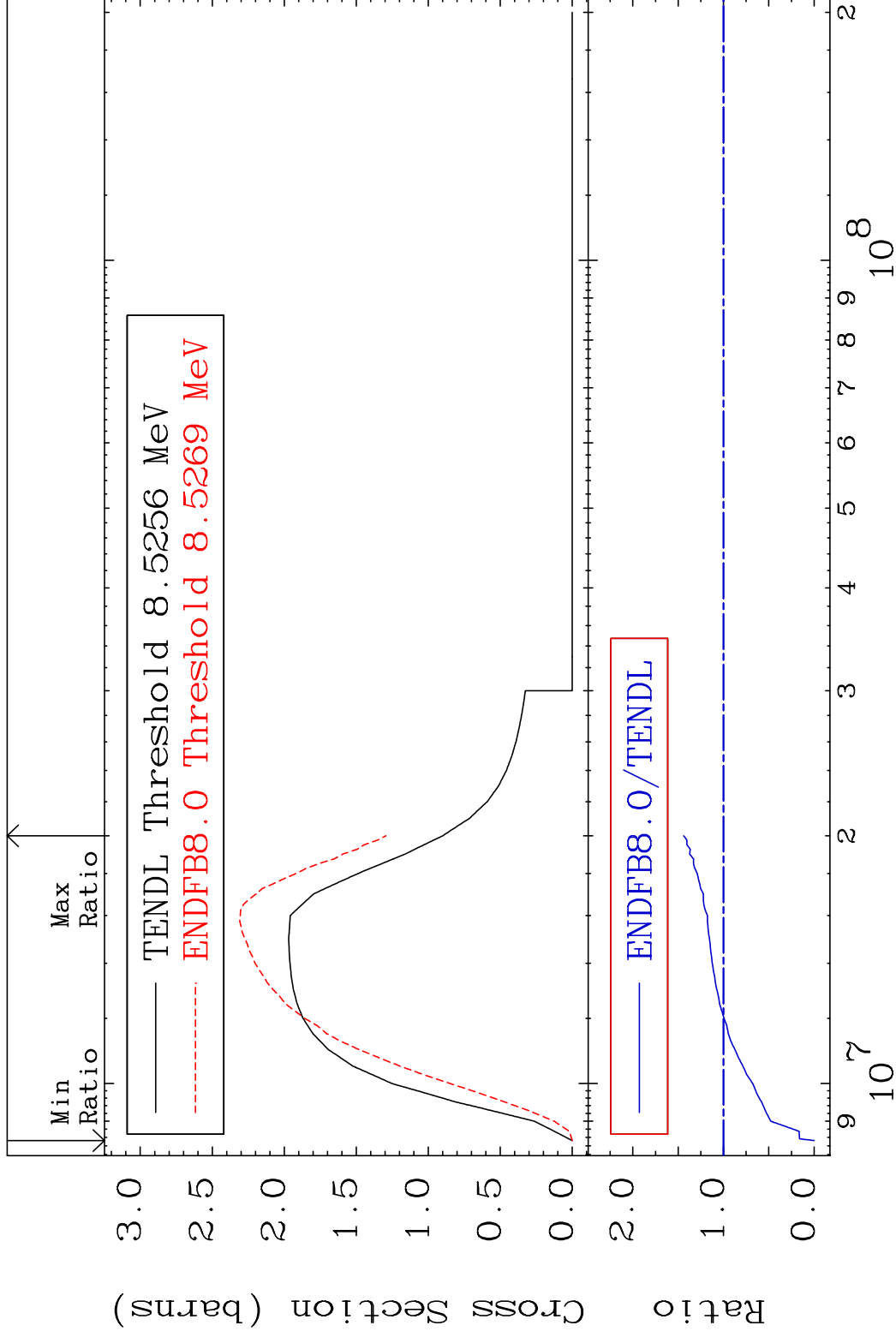
68-Er-166

MAT 6837

(n,2n)

68-Er-166

Cross Section -100.0 To 43.93 %



4

Incident Energy (eV)

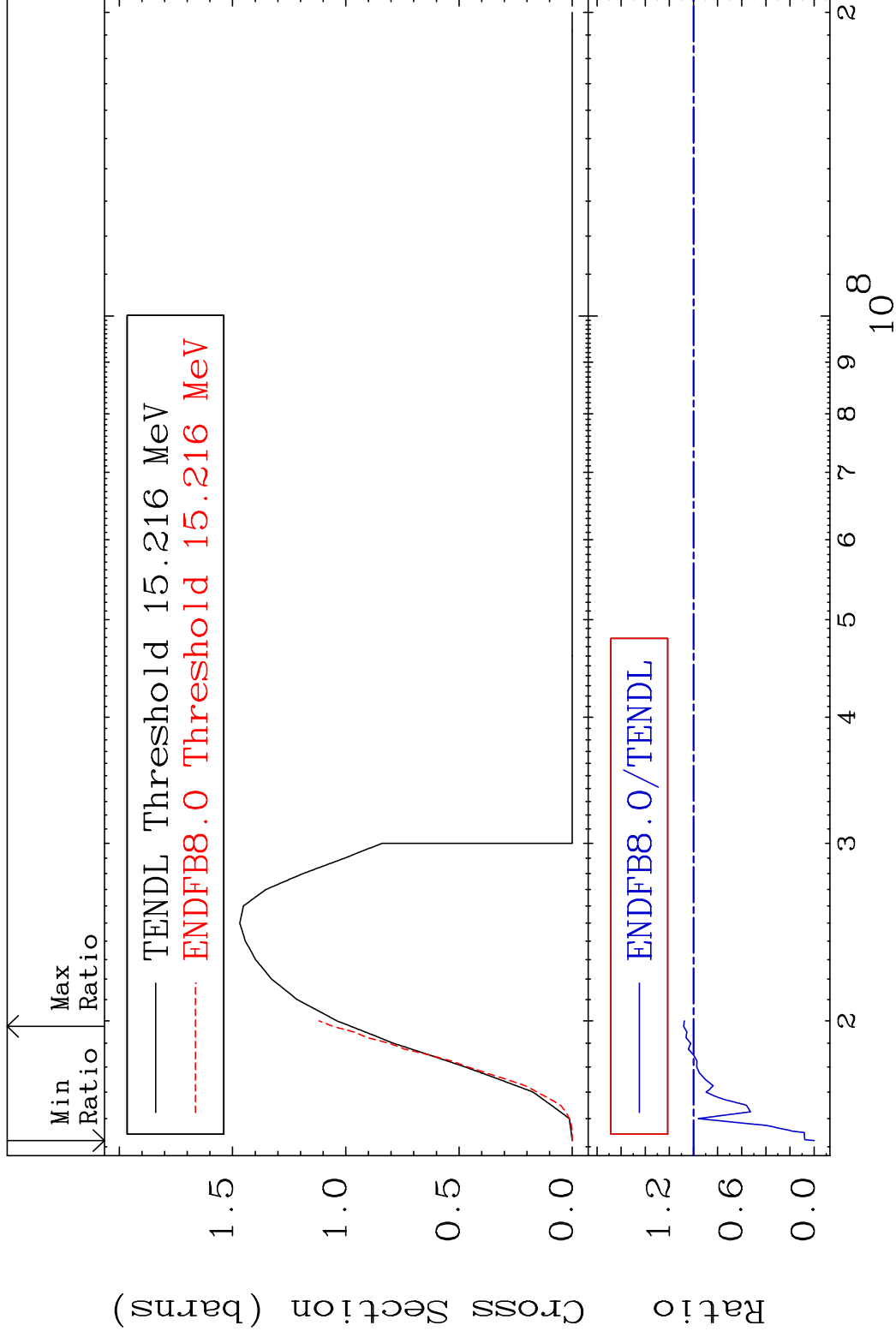
68-Er-166

MAT 6837

(n,3n)

68-Er-166

Cross Section -100.0 To 8.152 %



5

Incident Energy (eV)

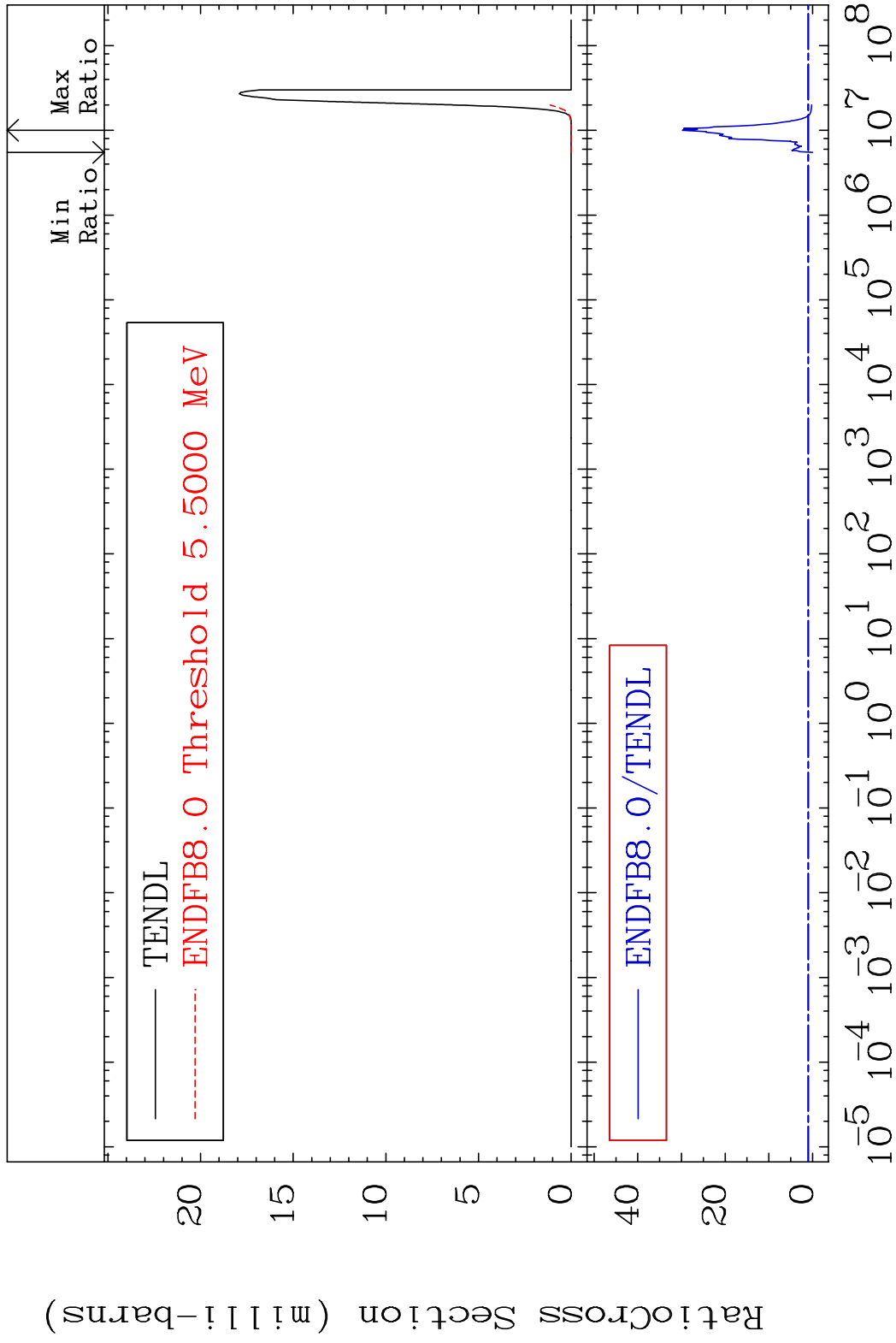
68-Er-166

MAT 6837

(n, n') α

68-Er-166

Cross Section -100.0 To 2880. %



6

Incident Energy (eV)

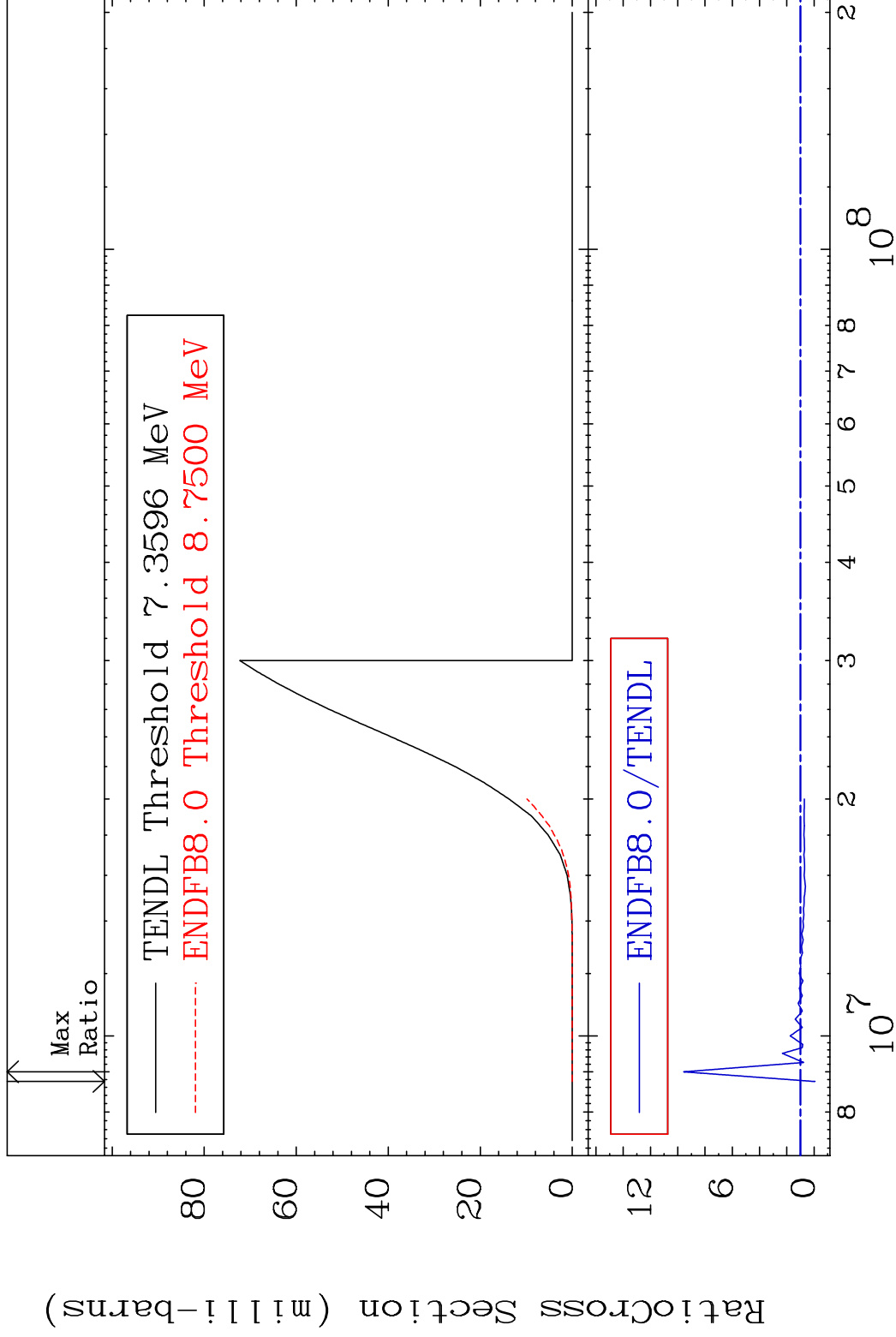
68-Er-166

MAT 6837

(n, n') p

68-Er-166

Cross Section -100.0 To 856.6 %



7

Incident Energy (eV)

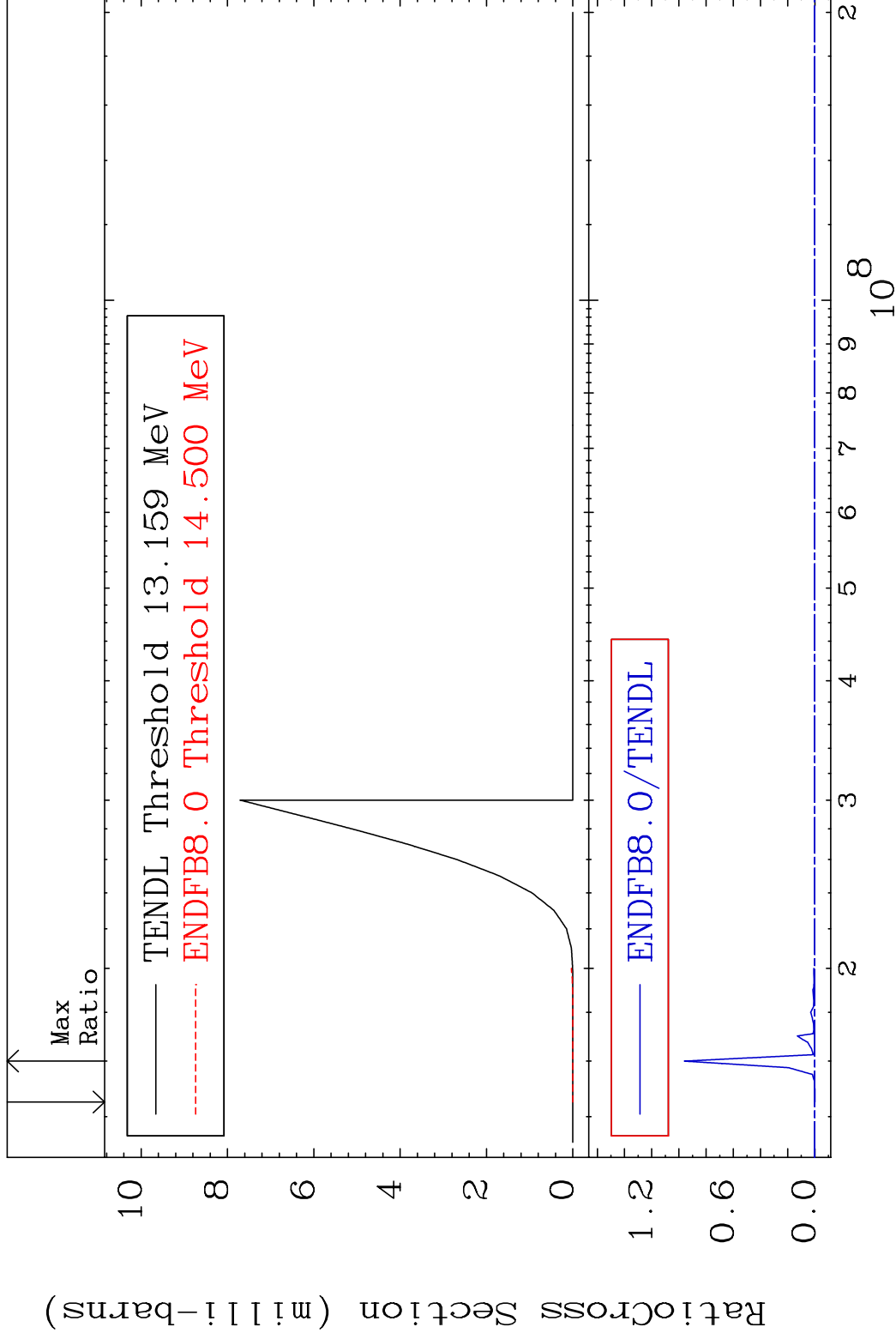
68-Er-166

MAT 6837

(n, n') d

68-Er-166

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

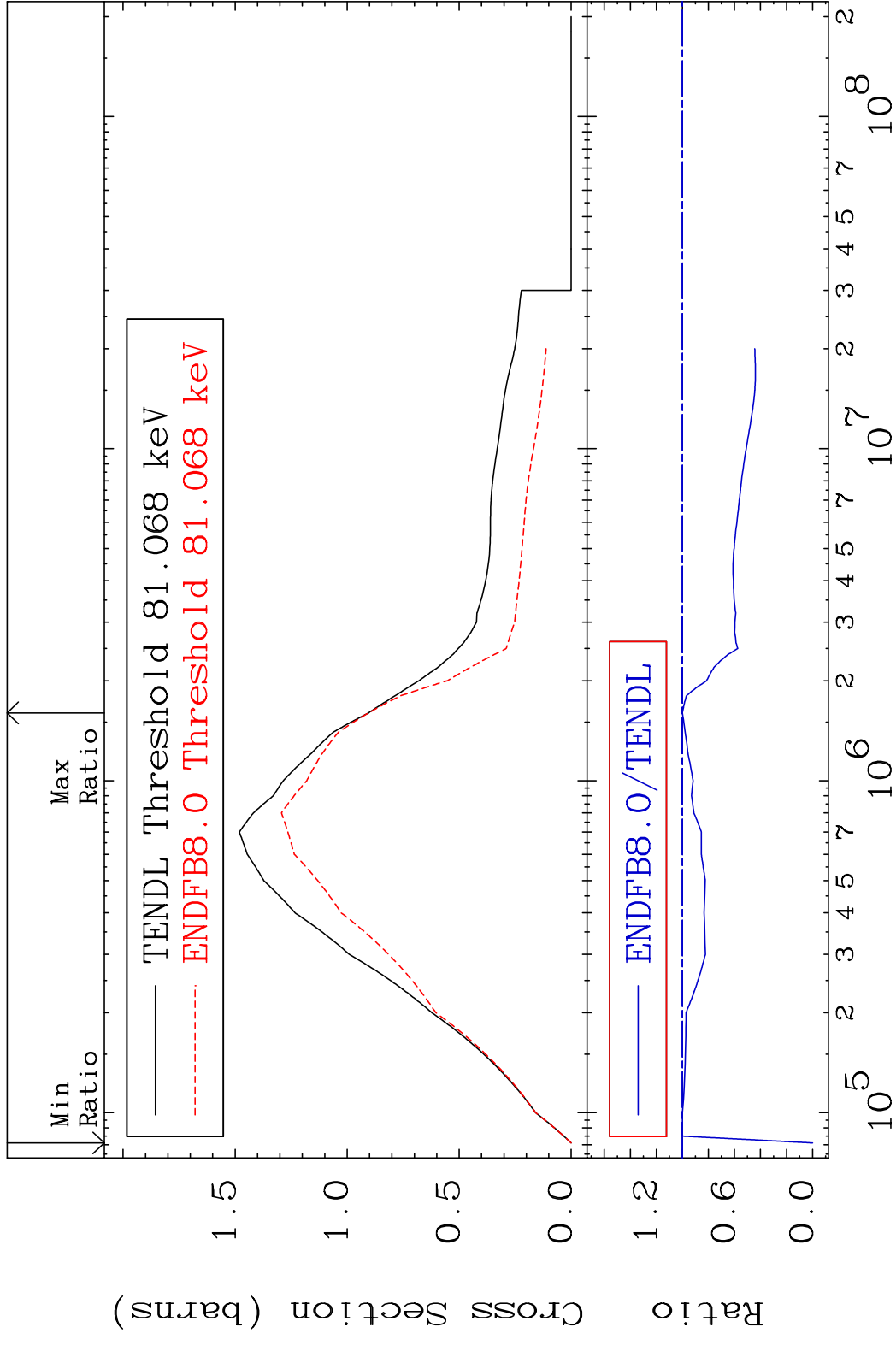
68-Er-166

MAT 6837

MT= 51 (n, n') Level

68-Er-166

Cross Section -100.0 To 0.017 %

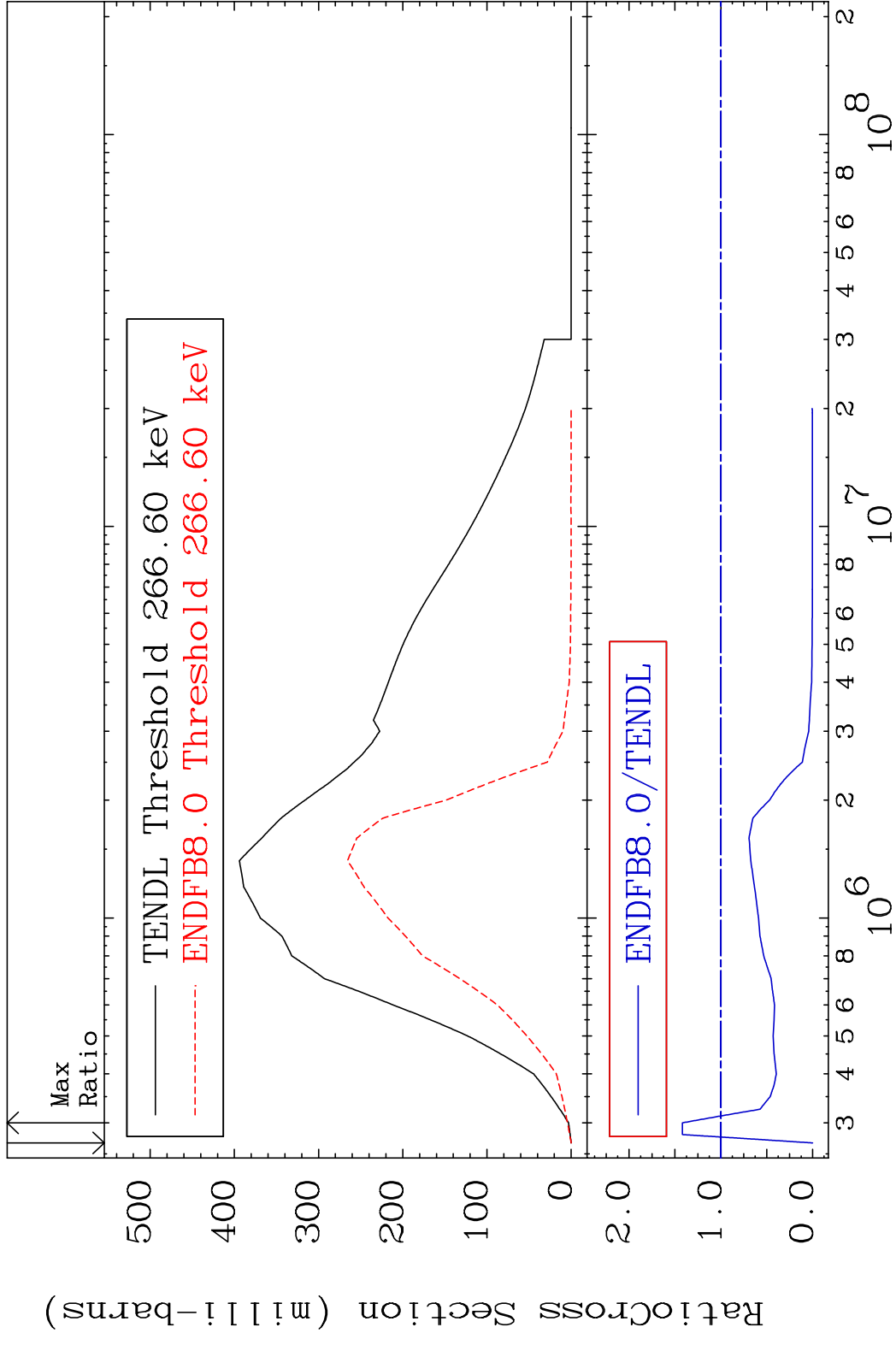


9

Incident Energy (eV)

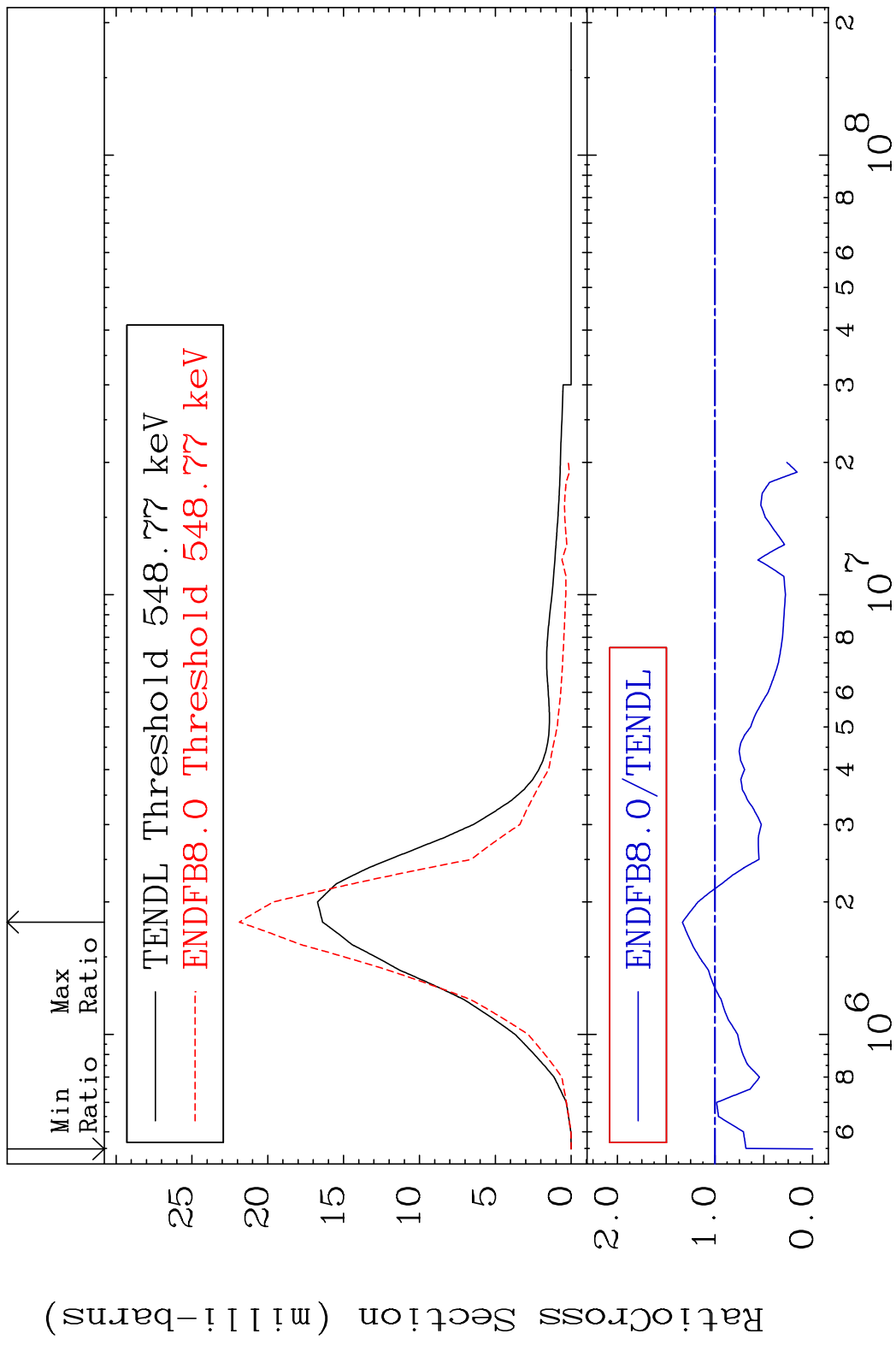
68-Er-166

MAT 6837 MT= 52 (n,n') Level 68-Er-166
 Cross Section -100.0 To 41.94 %

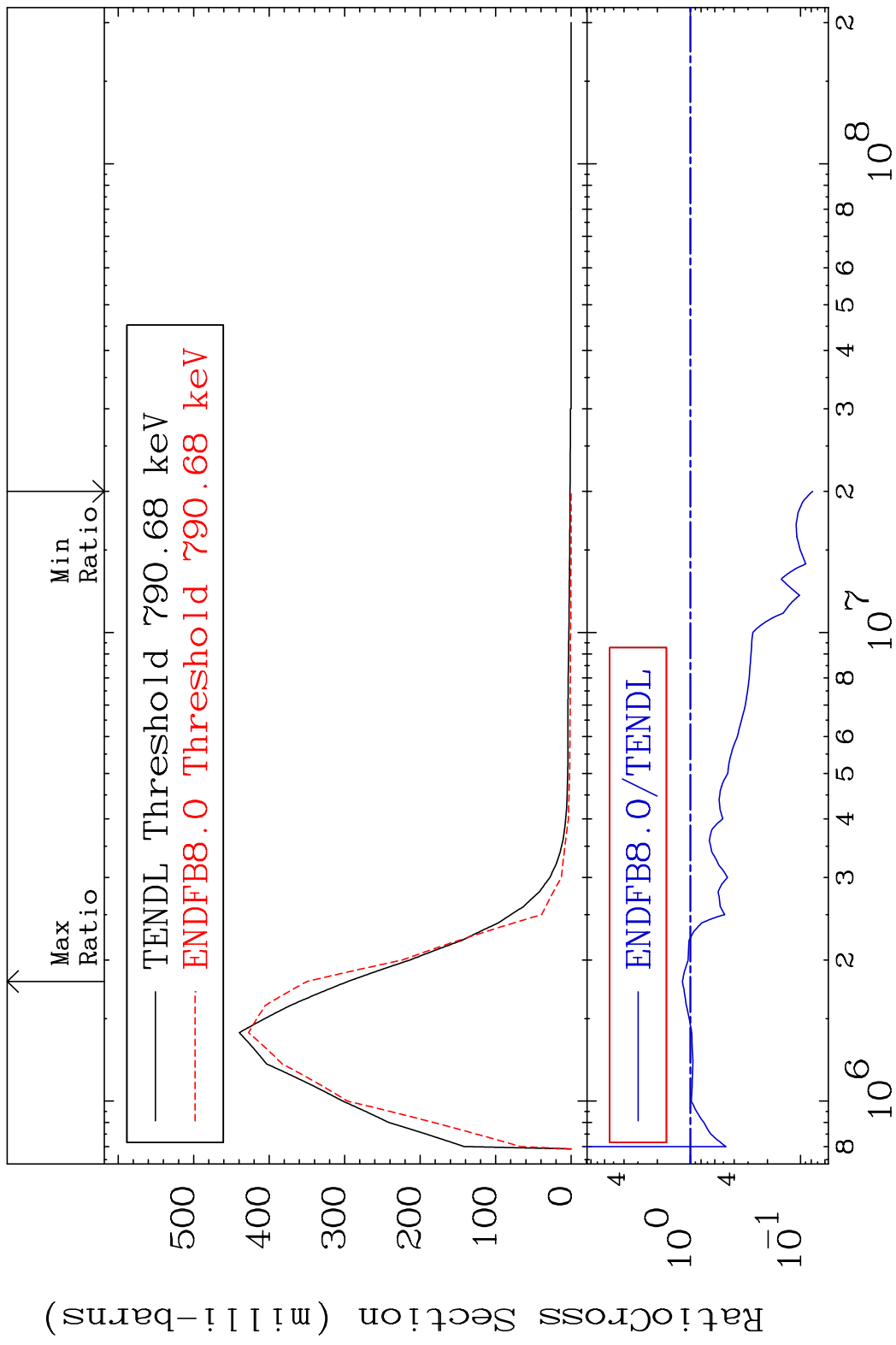


10 Incident Energy (eV) 68-Er-166

MAT 6837 MT= 53 (n, n') Level 68-Er-166
 Cross Section -100.0 To 33.46 %

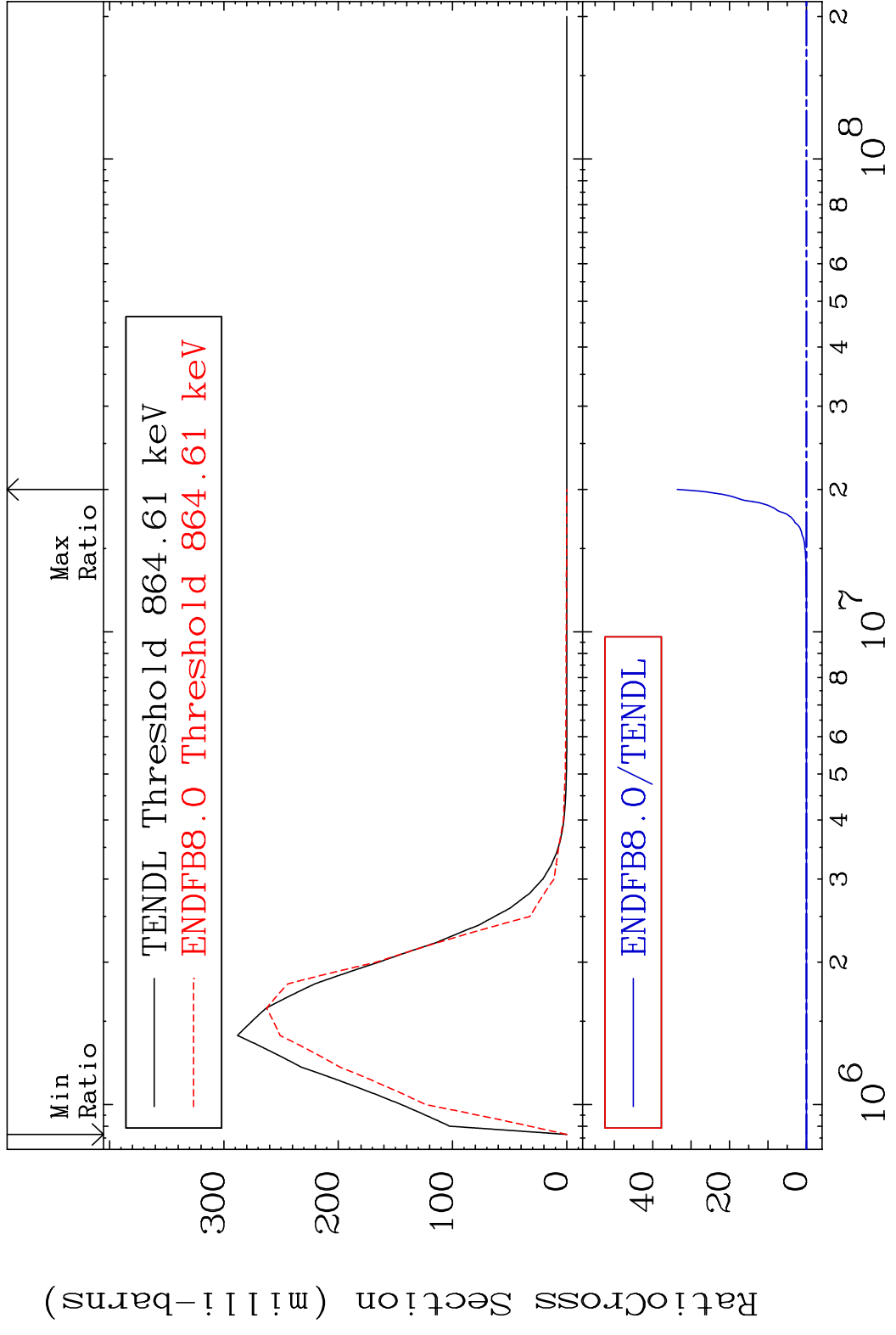


MAT 6837 MT= 54 (n, n') Level 68-Er-166
 Cross Section -92.23 To 18.33 %

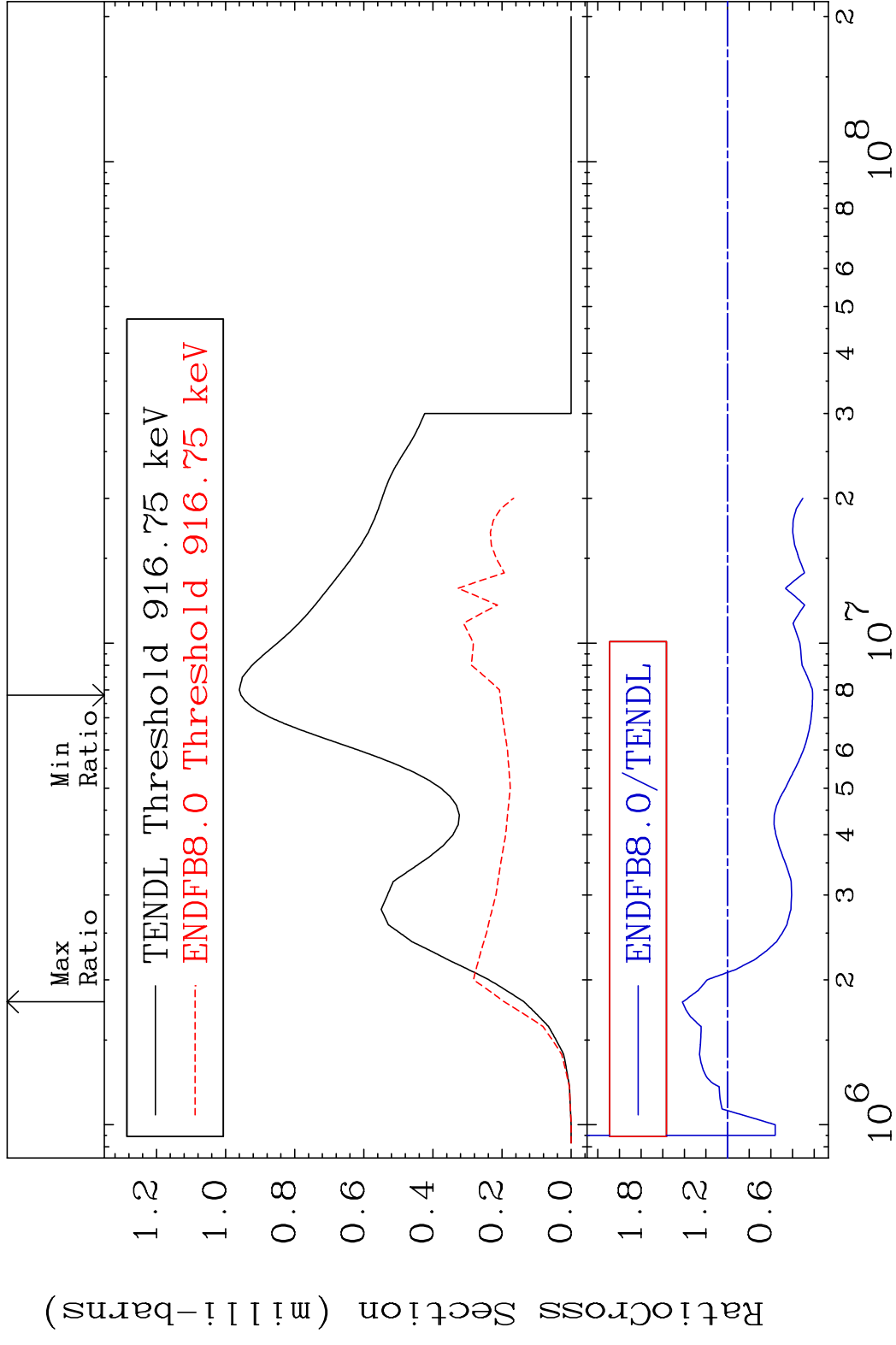


12 Incident Energy (eV) 68-Er-166

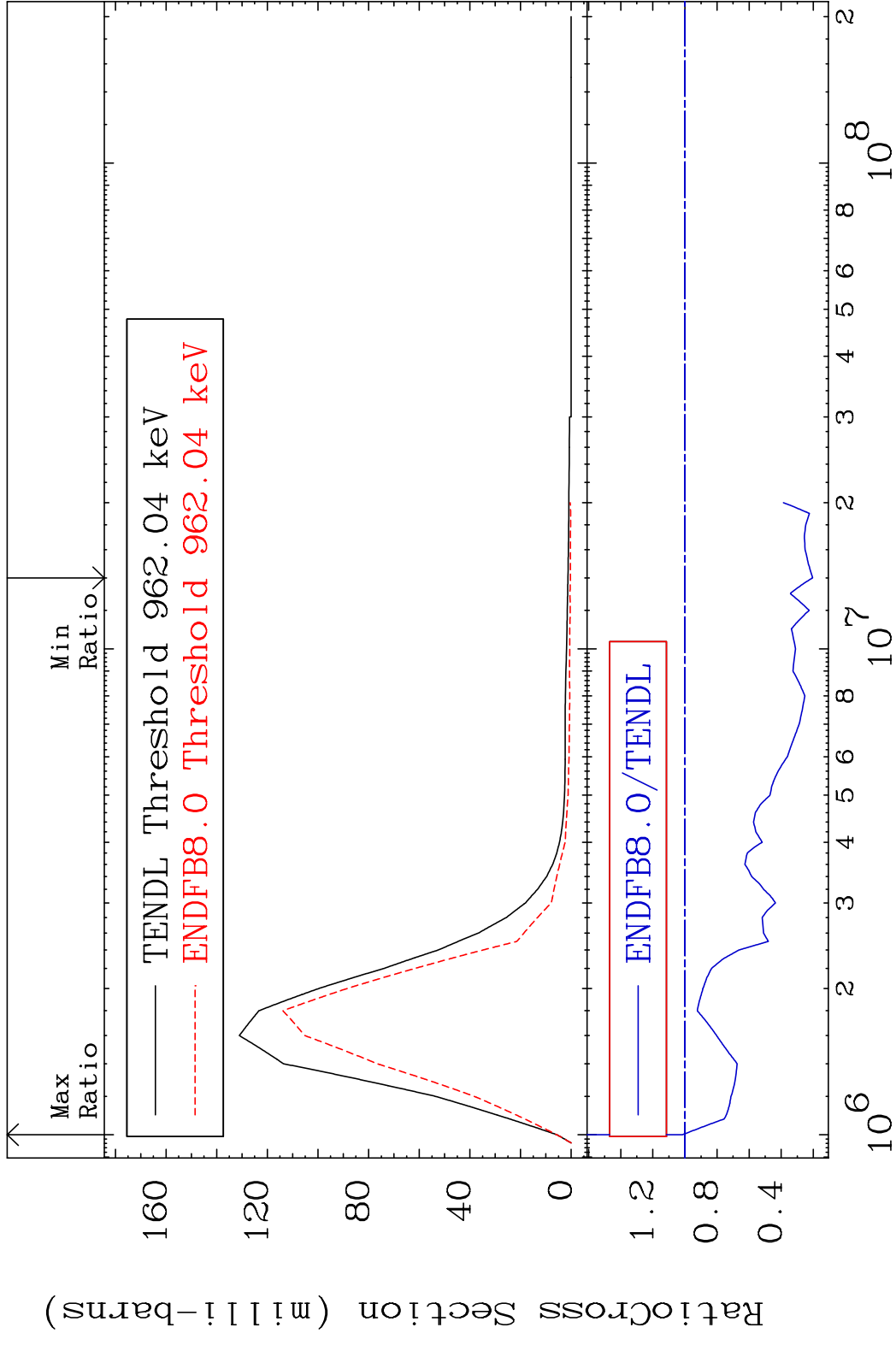
MAT 6837 MT= 55 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %



MAT 6837 MT= 56 (n,n') Level 68-Er-166
 Cross Section -78.47 To 41.83 %

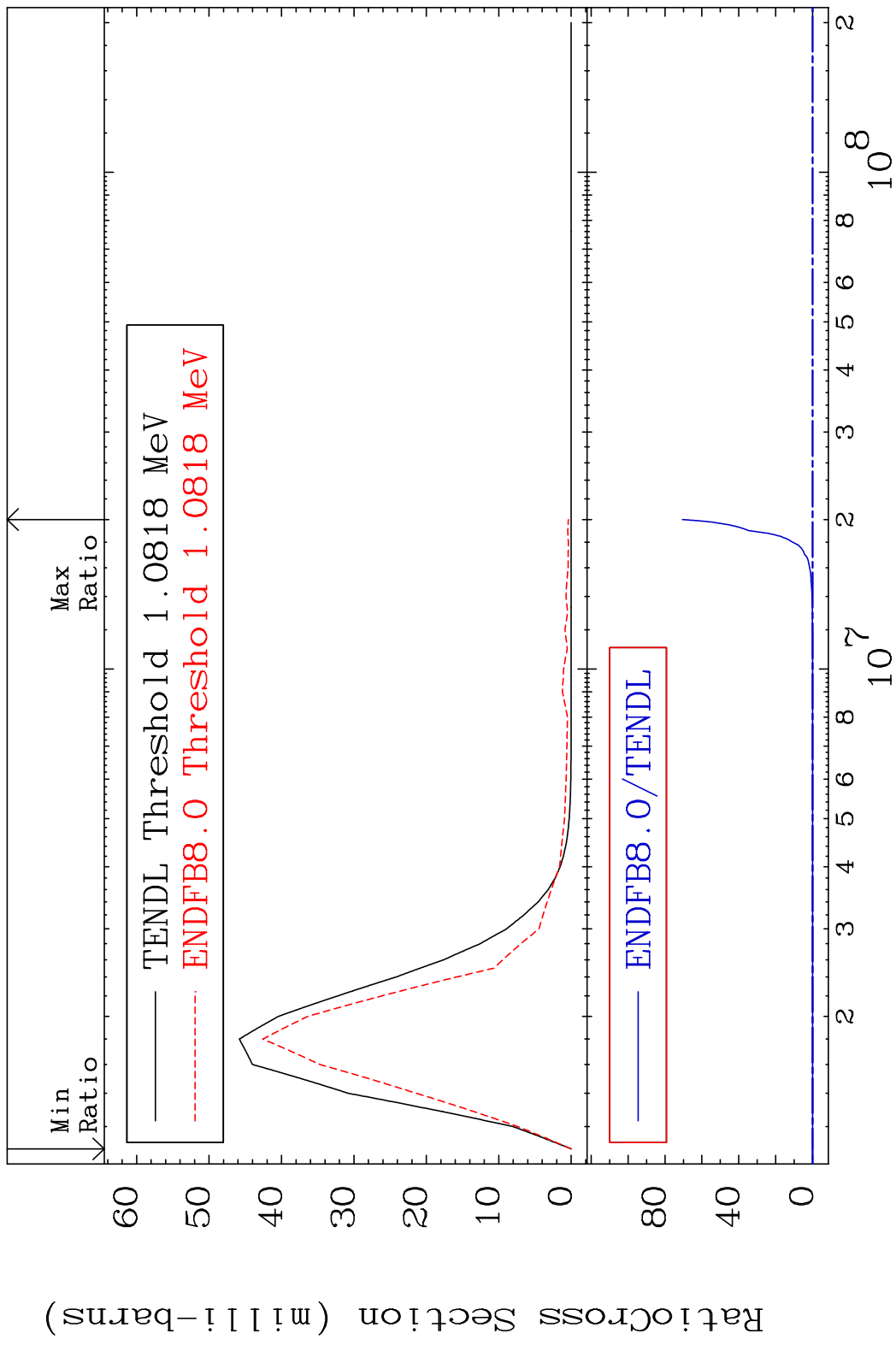


MAT 6837 MT= 57 (n, n') Level 68-Er-166
 Cross Section -79.51 To 1.618 %

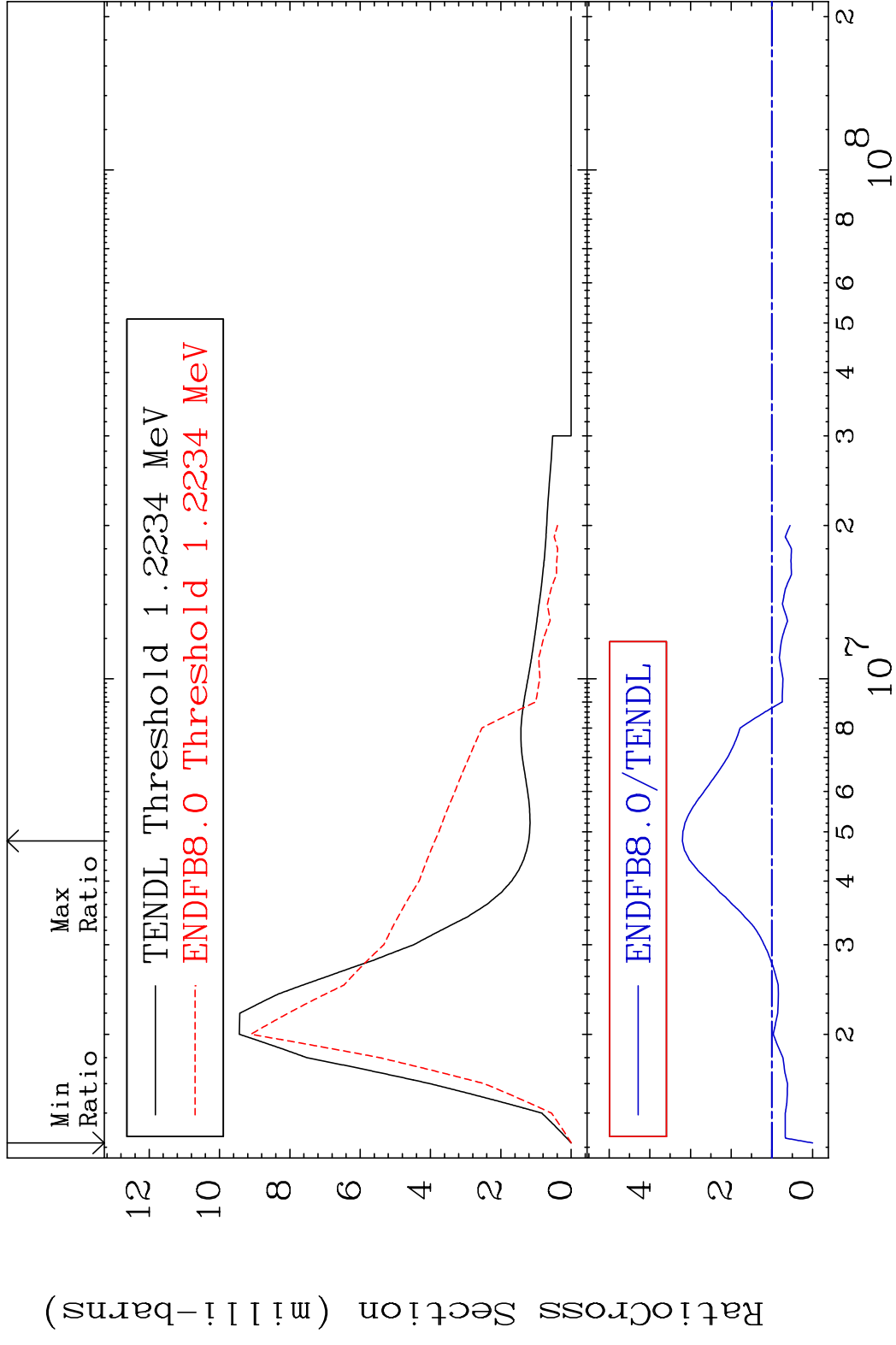


15 Incident Energy (eV) 68-Er-166

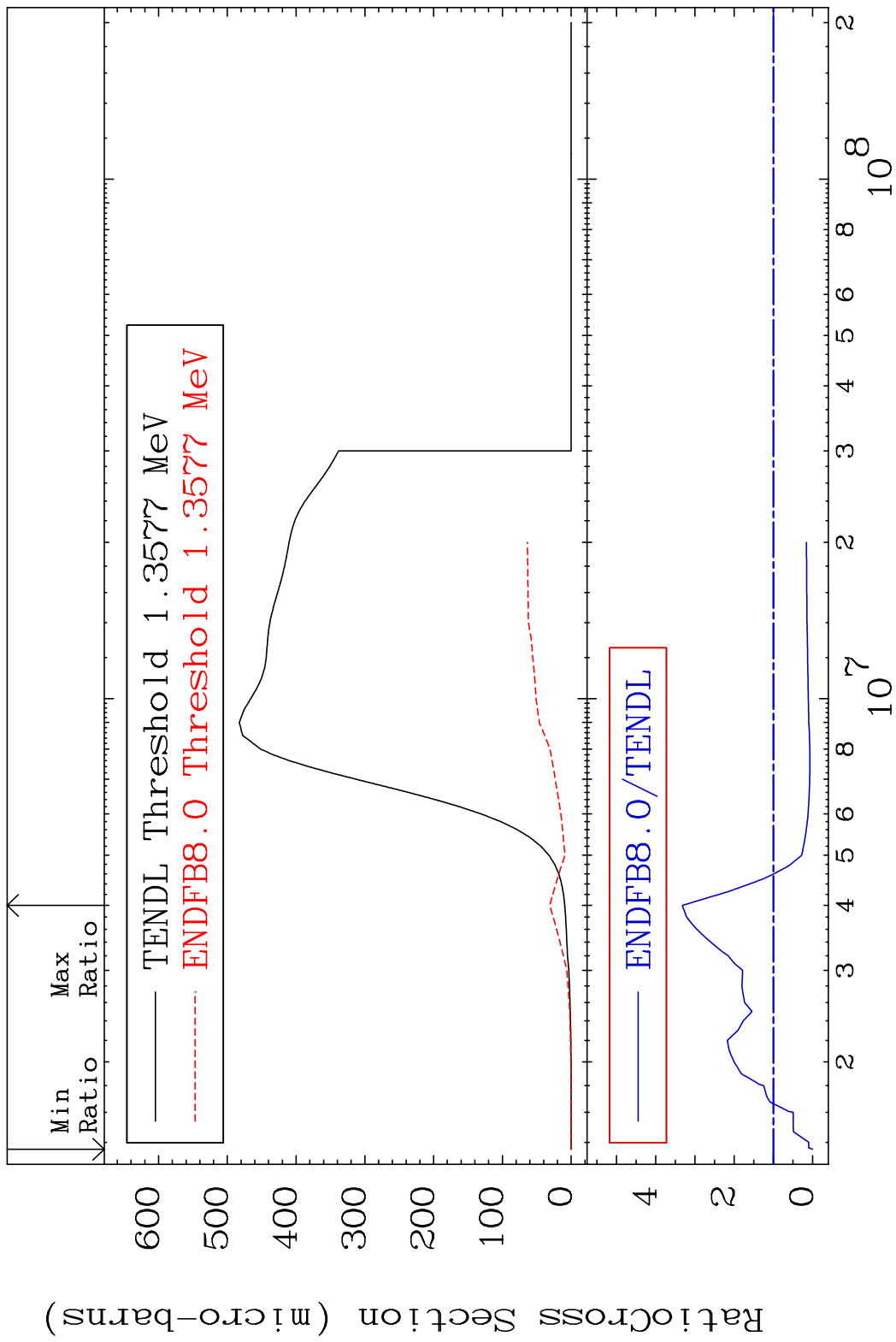
MAT 6837 MT= 58 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %



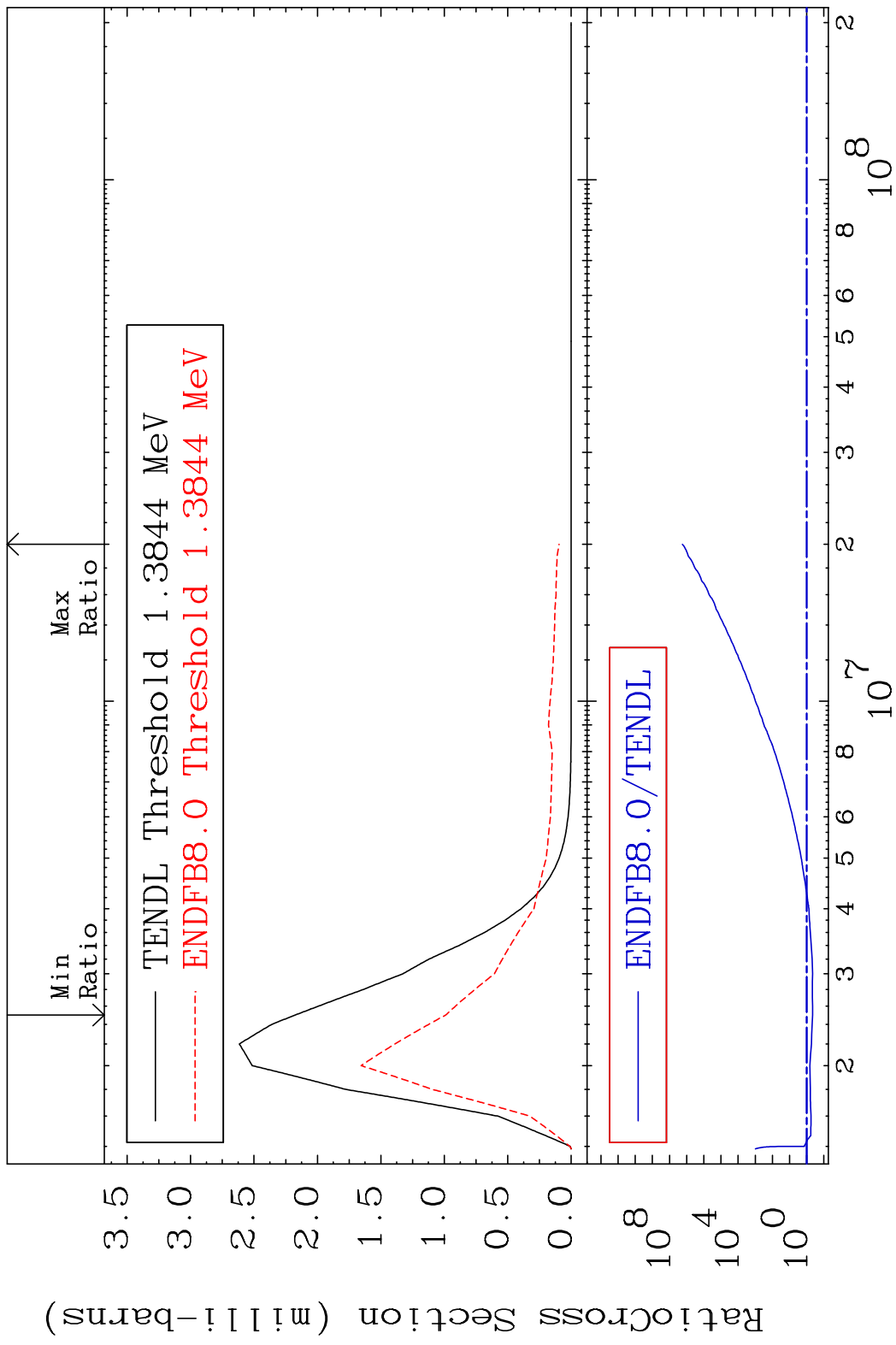
MAT 6837 MT= 59 (n, n') Level 68-Er-166
 Cross Section -100.0 To 220.0 %



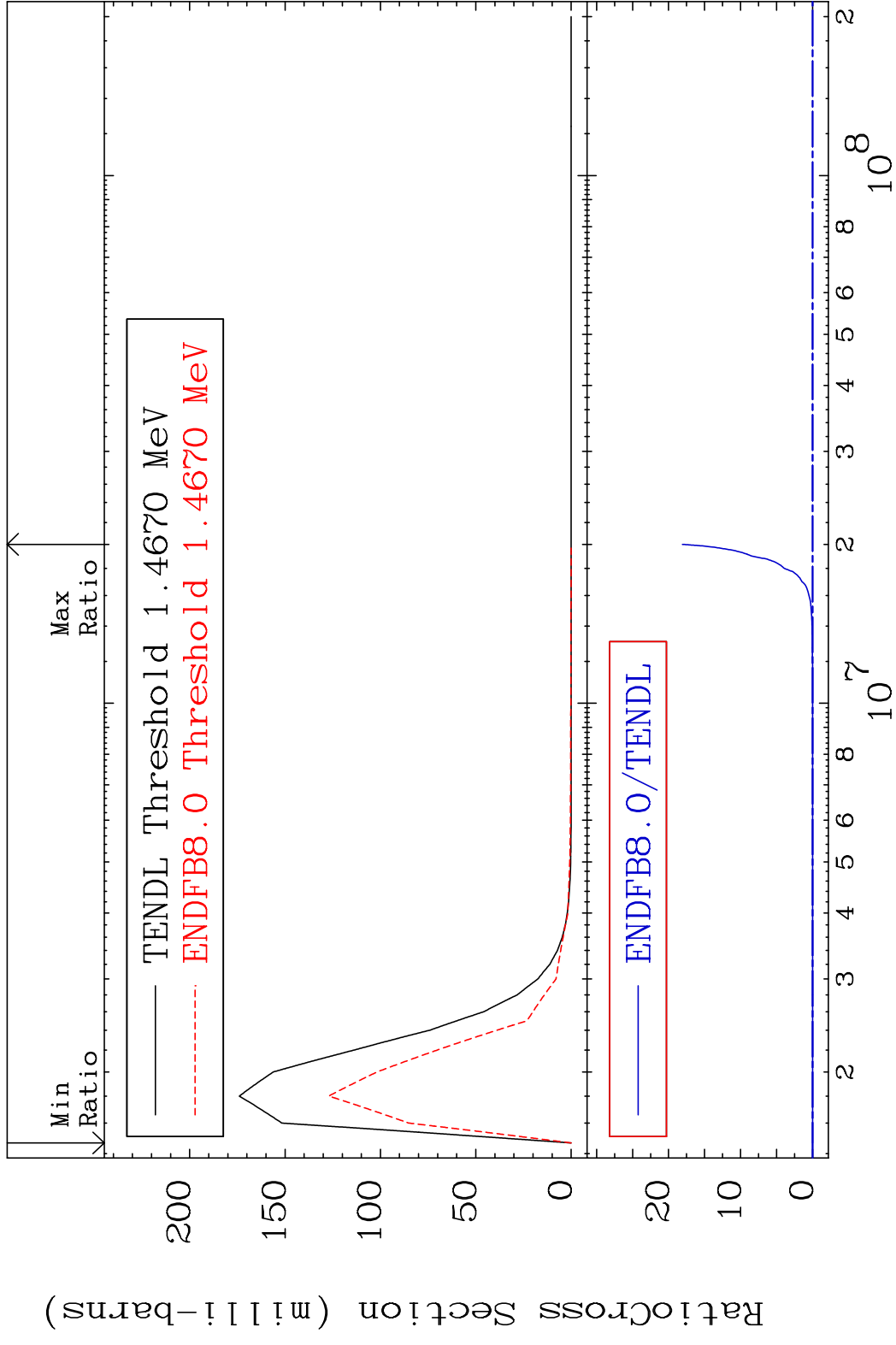
MAT 6837 MT= 60 (n, n') Level 68-Er-166
 Cross Section -100.0 To 232.2 %



MAT 6837 MT= 61 (n, n') Level 68-Er-166
 Cross Section -54.53 To 9999. %

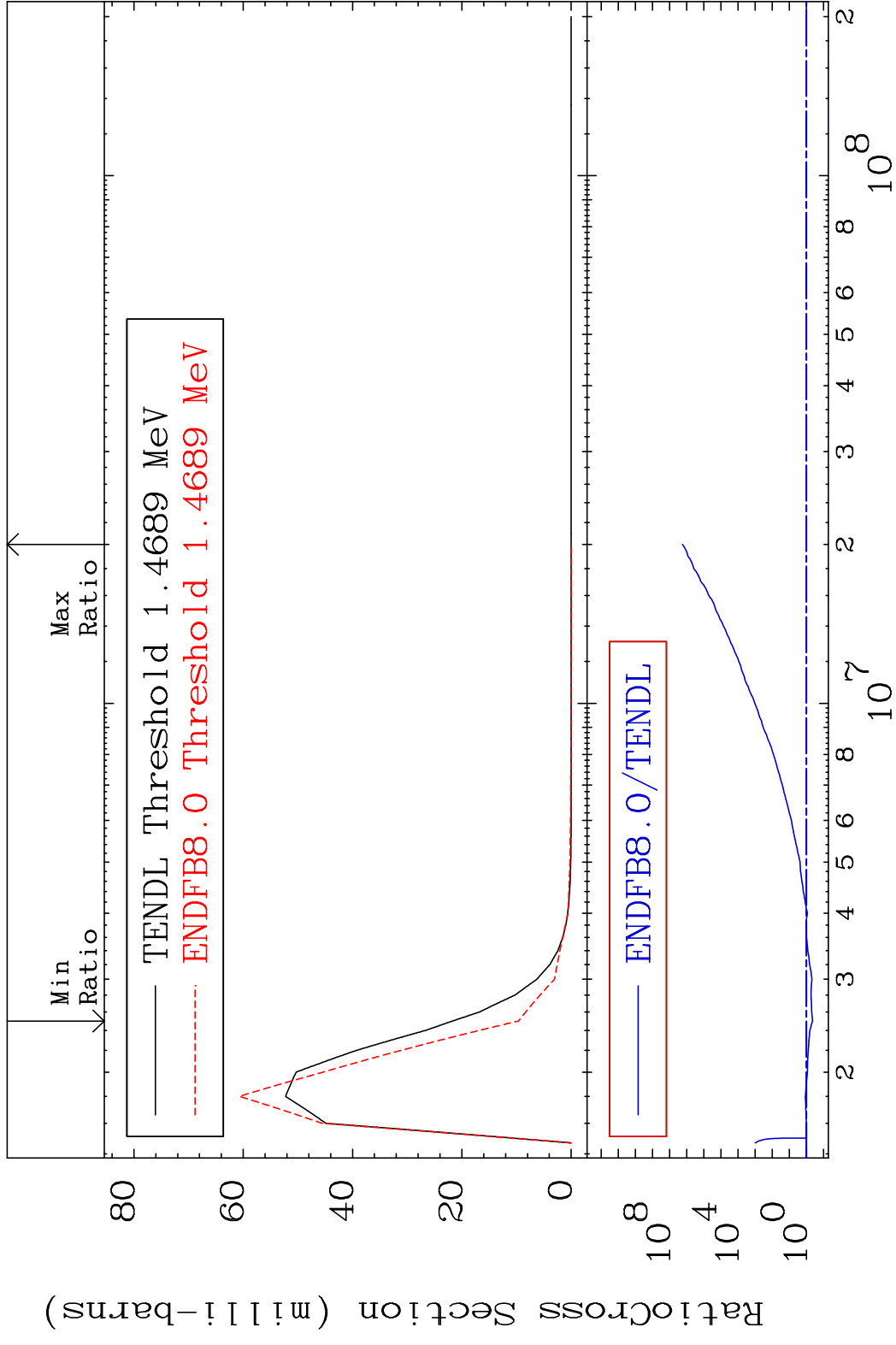


MAT 6837 MT= 62 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %

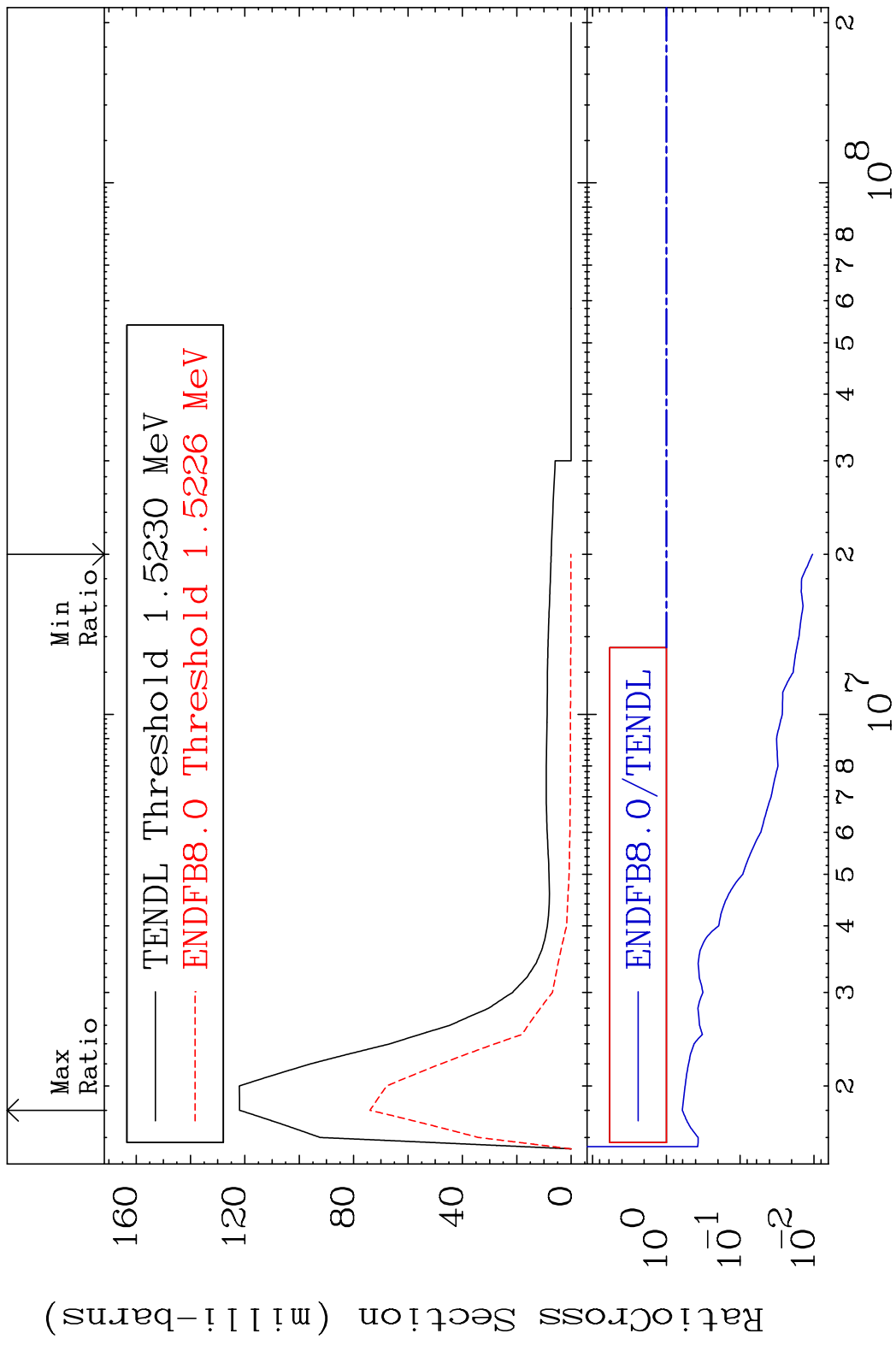


20 Incident Energy (eV) 68-Er-166

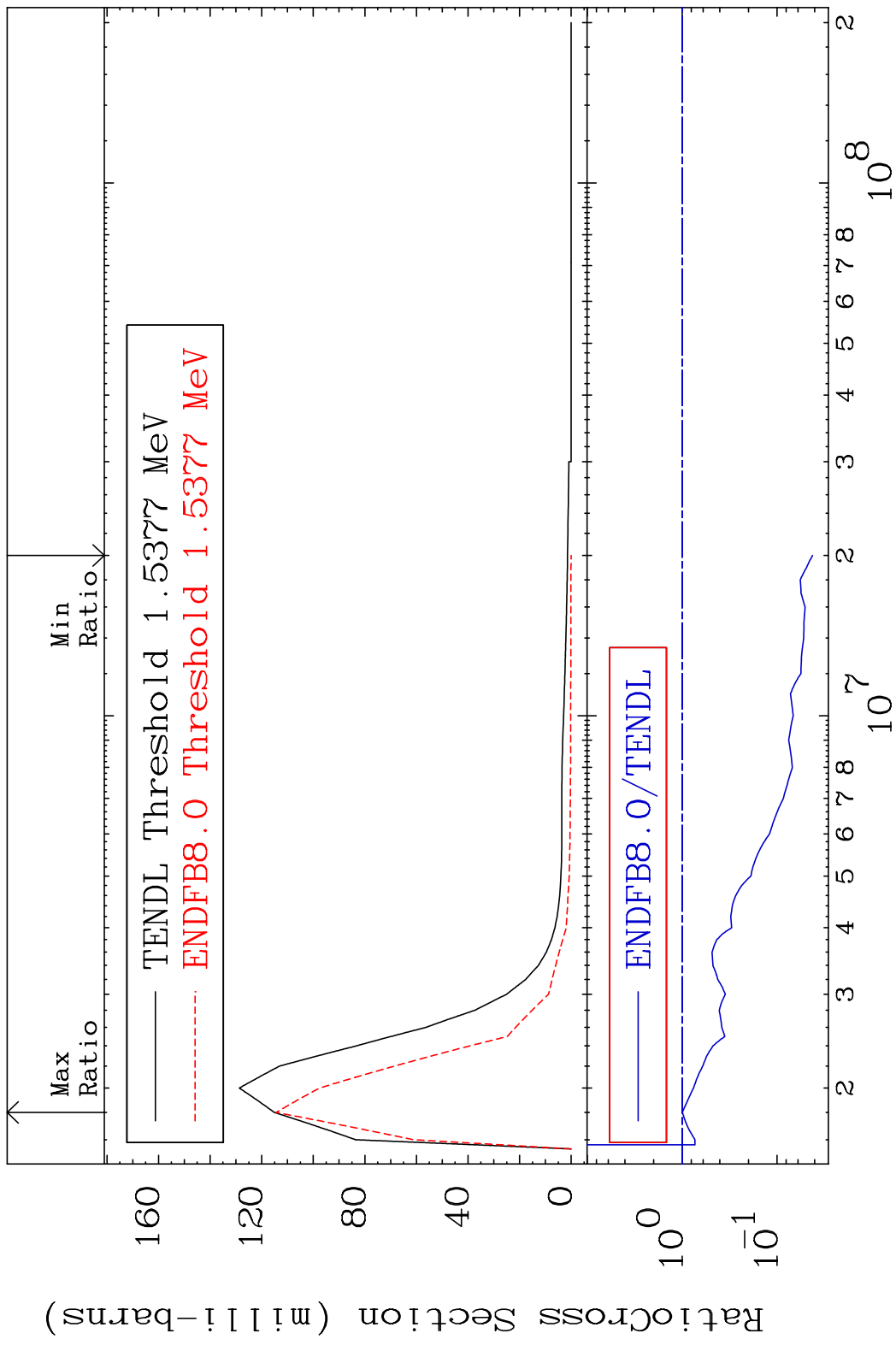
MAT 6837 MT= 63 (n, n') Level 68-Er-166
 Cross Section -55.57 To 9999. %



MAT 6837 MT= 64 (n,n') Level 68-Er-166
 Cross Section -98.96 To -39.37%



MAT 6837 MT= 65 (n, n') Level 68-Er-166
 Cross Section -95.78 To -0.578%

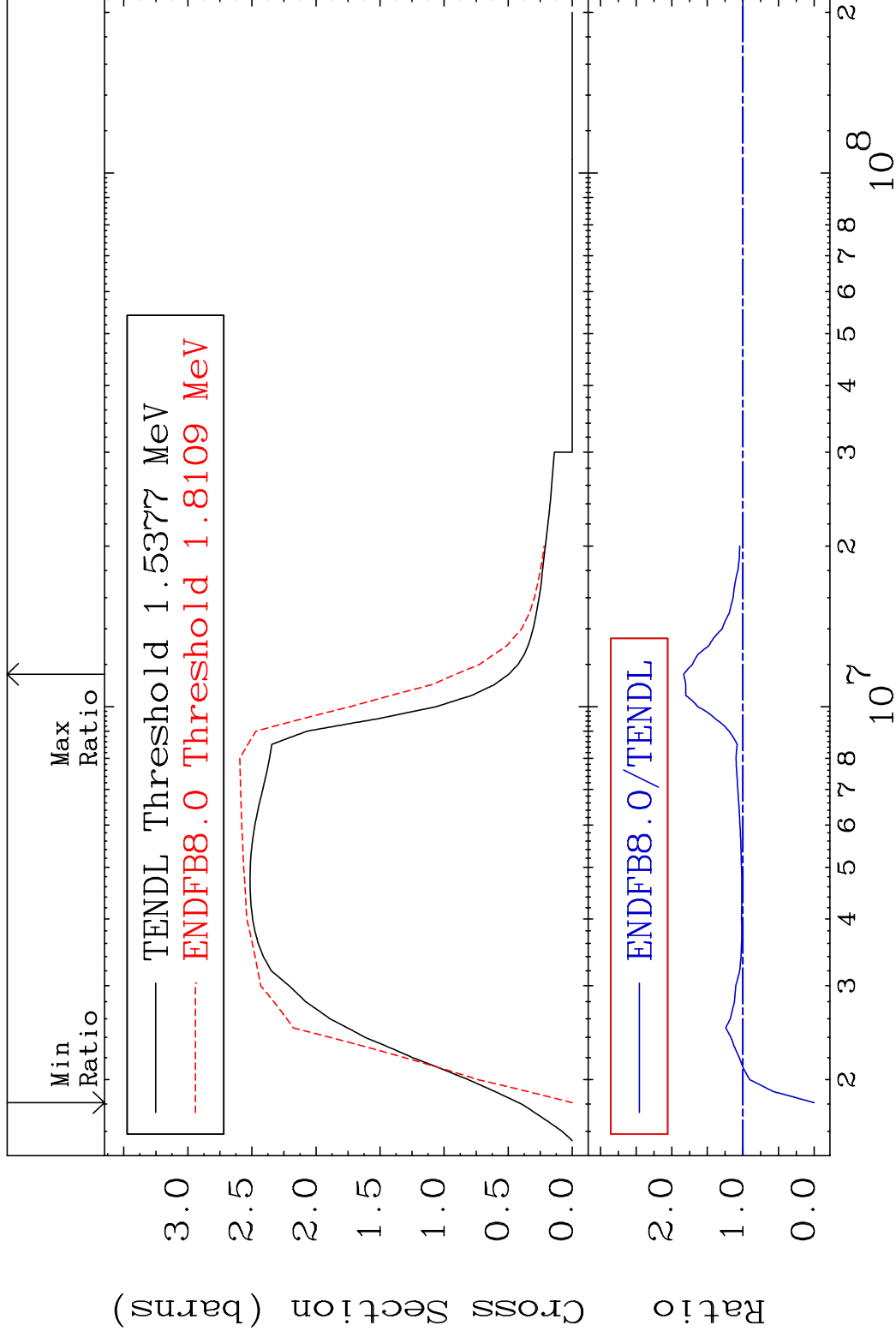


MAT 6837

(n, n') Continuum

68-Er-166

Cross Section -100.0 To 83.25 %



24

Incident Energy (eV)

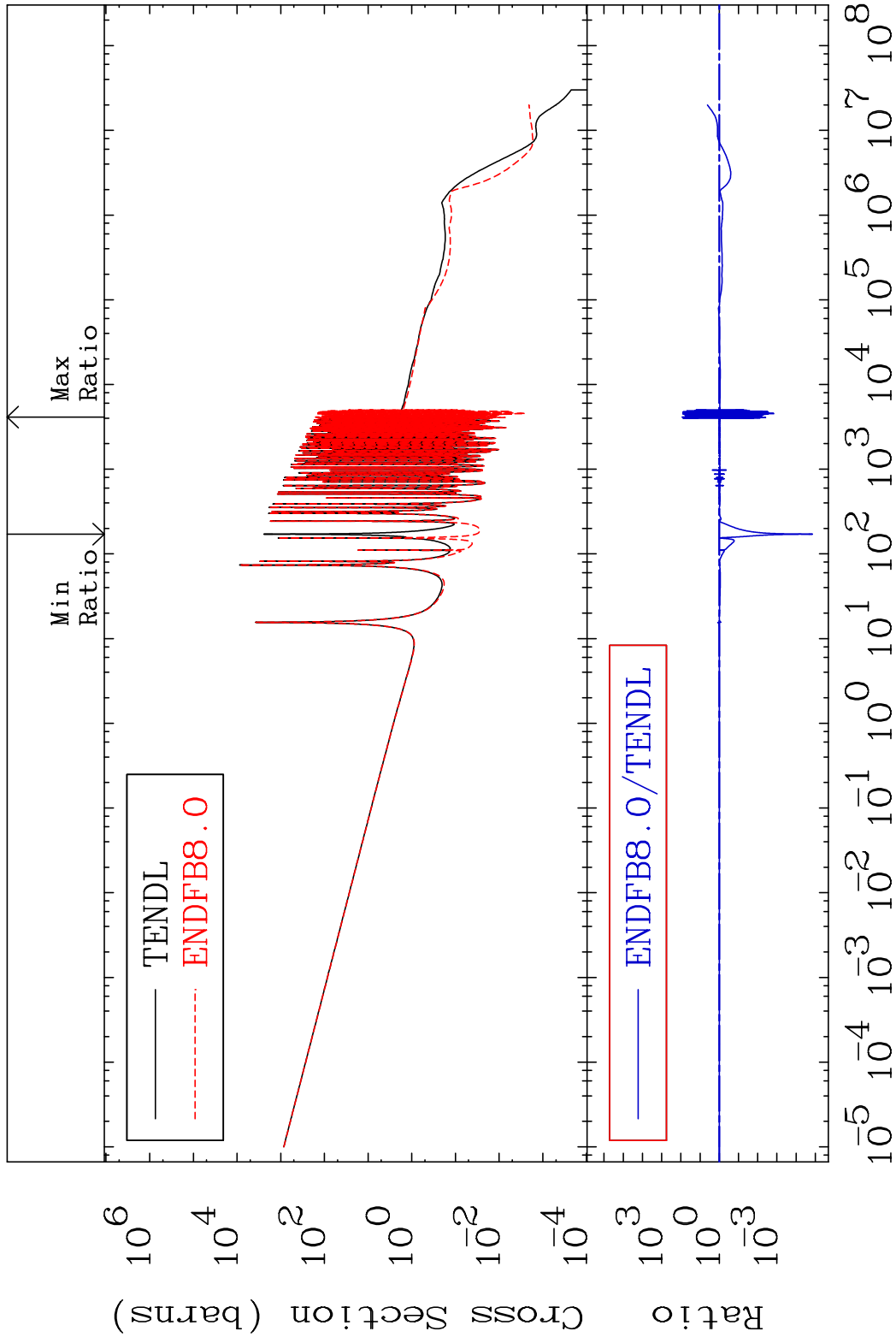
68-Er-166

MAT 6837

(n, γ)

68-Er-166

Cross Section -100.0 To 8253. %



25

Incident Energy (eV)

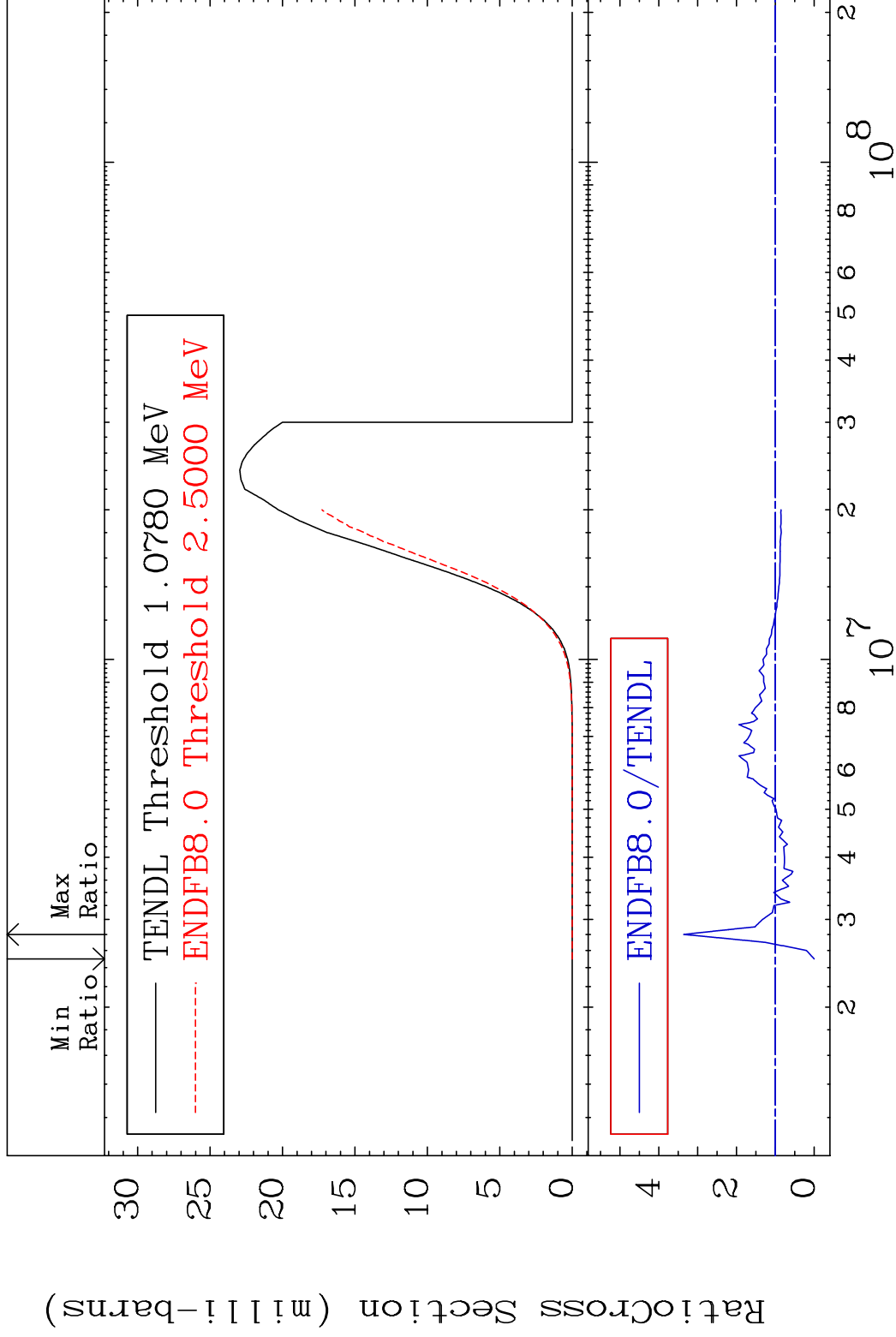
68-Er-166

MAT 6837

(n,p)

68-Er-166

Cross Section -100.0 To 235.9 %

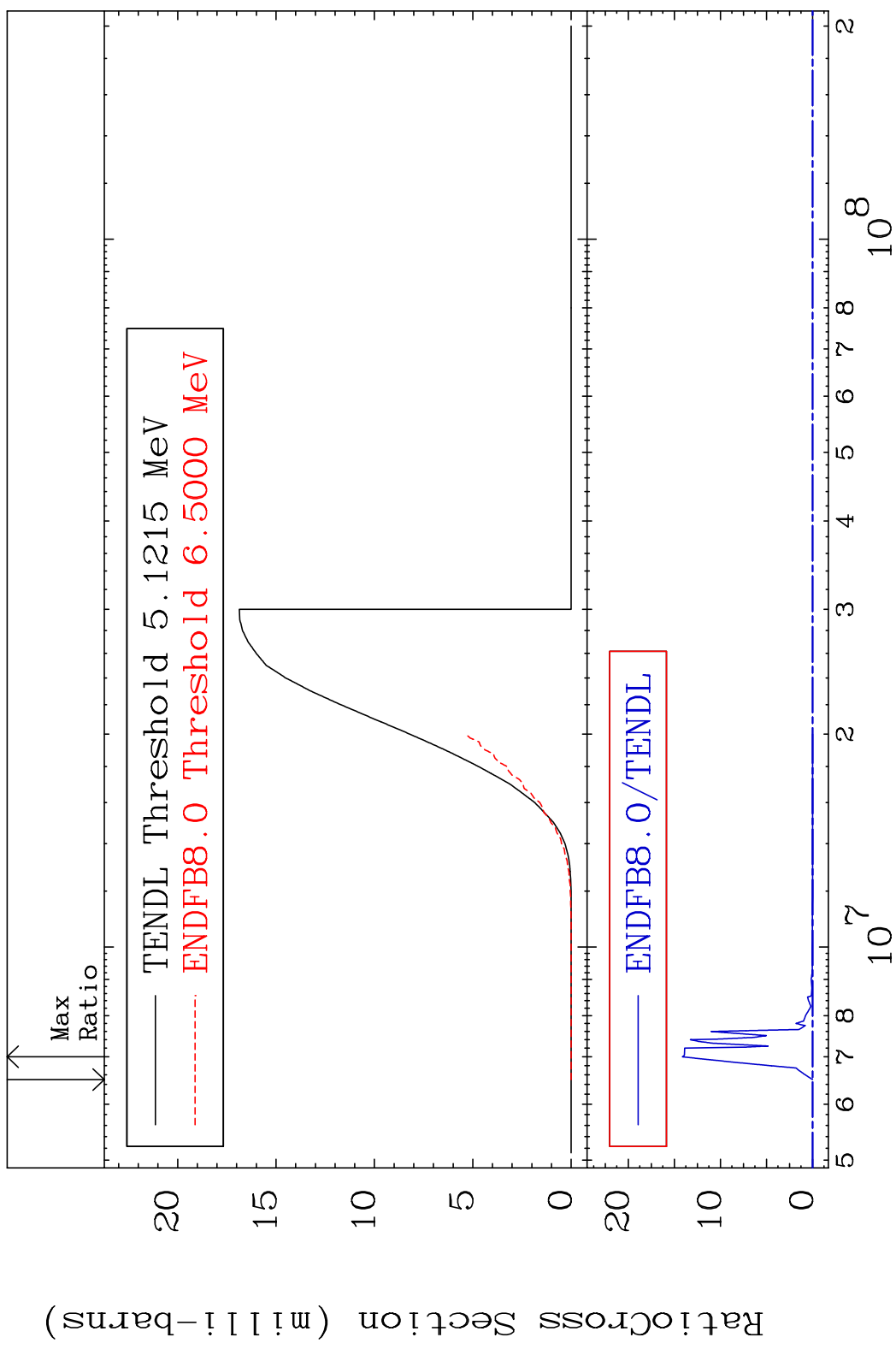


MAT 6837

(n,d)

68-Er-166

Cross Section -100.0 To 9999. %

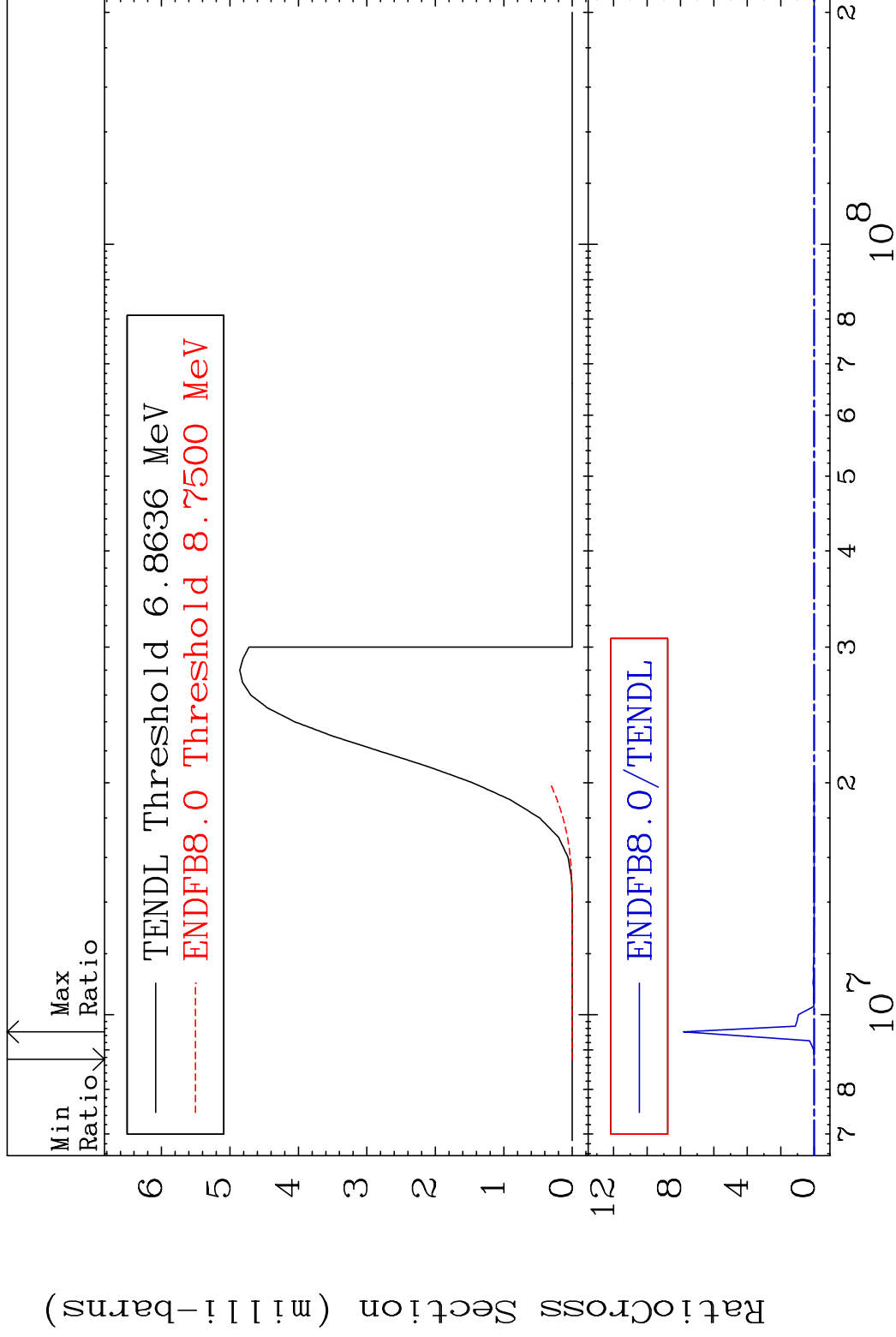


MAT 6837

(n, t)

68-Er-166

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

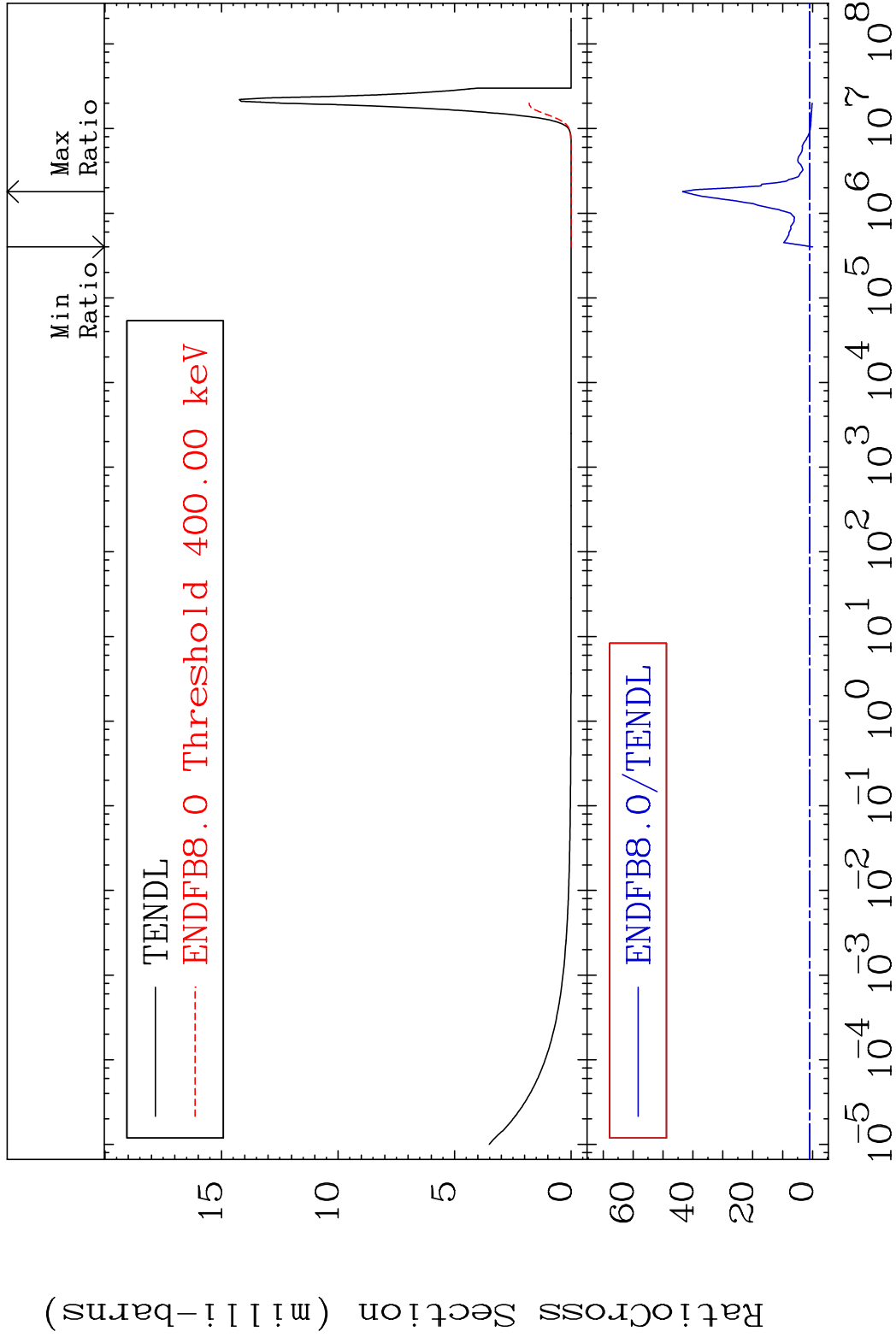
68-Er-166

MAT 6837

(n, α)

68-Er-166

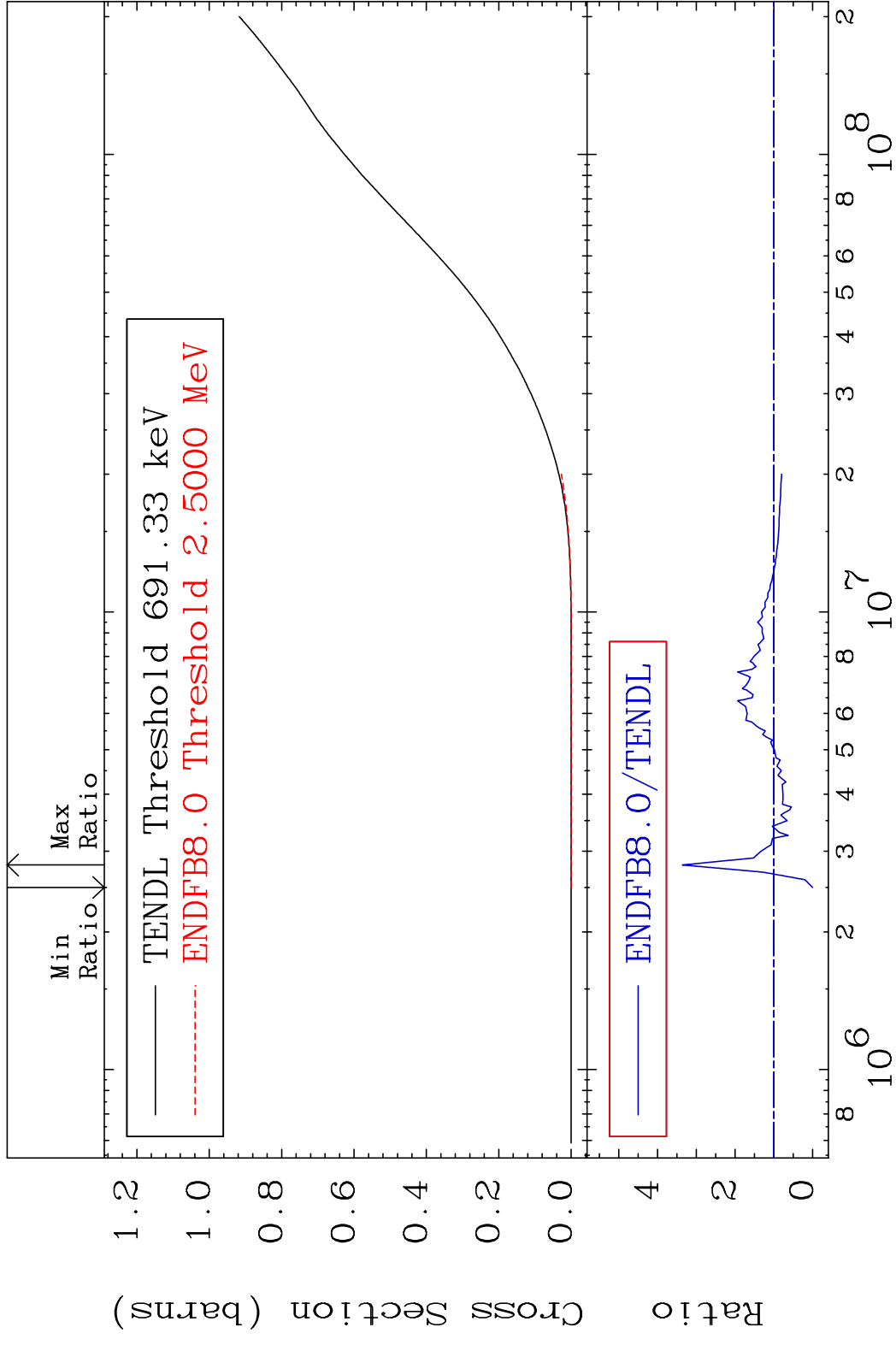
Cross Section -100.0 To 4253. %



29

Incident Energy (eV)

68-Er-166

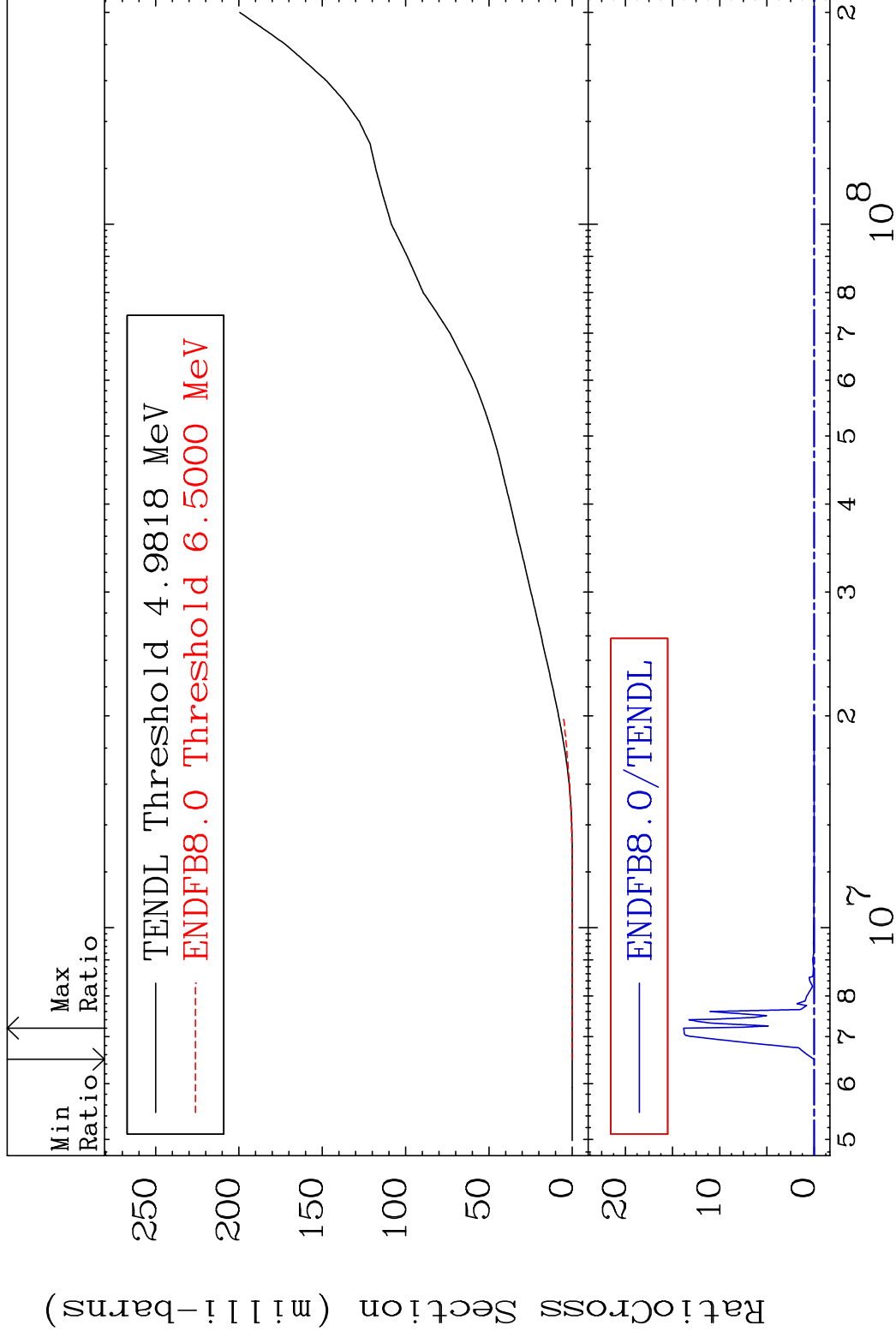


MAT 6837

Deuterium Production

68-Er-166

Cross Section -100.0 To 9999. %



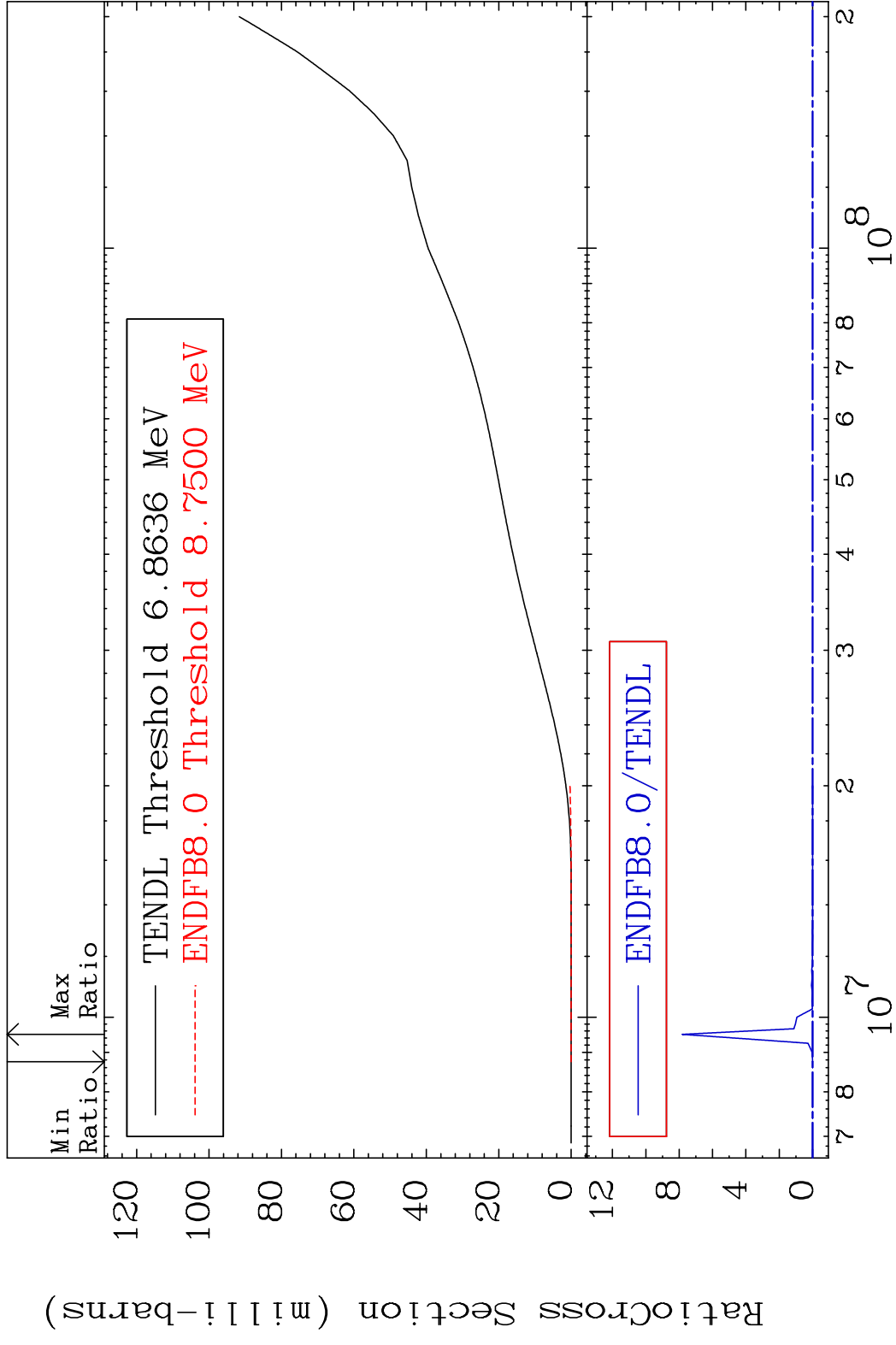
31

Incident Energy (eV)

68-Er-166

MAT 6837

Tritium Production 68-Er-166
Cross Section -100.0 To 9999. %

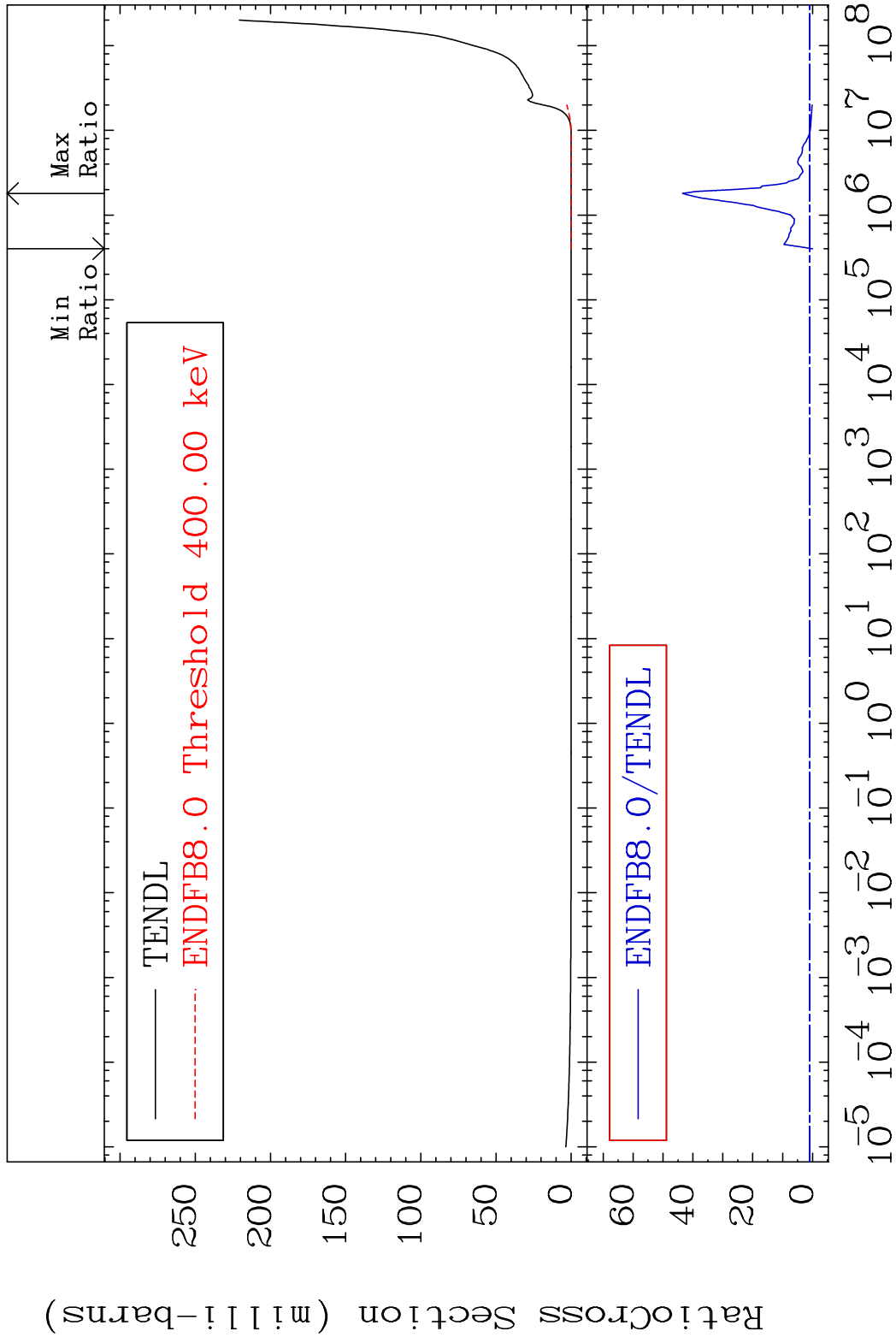


MAT 6837

He-4 Production

68-Er-166

Cross Section -100.0 To 4253. %

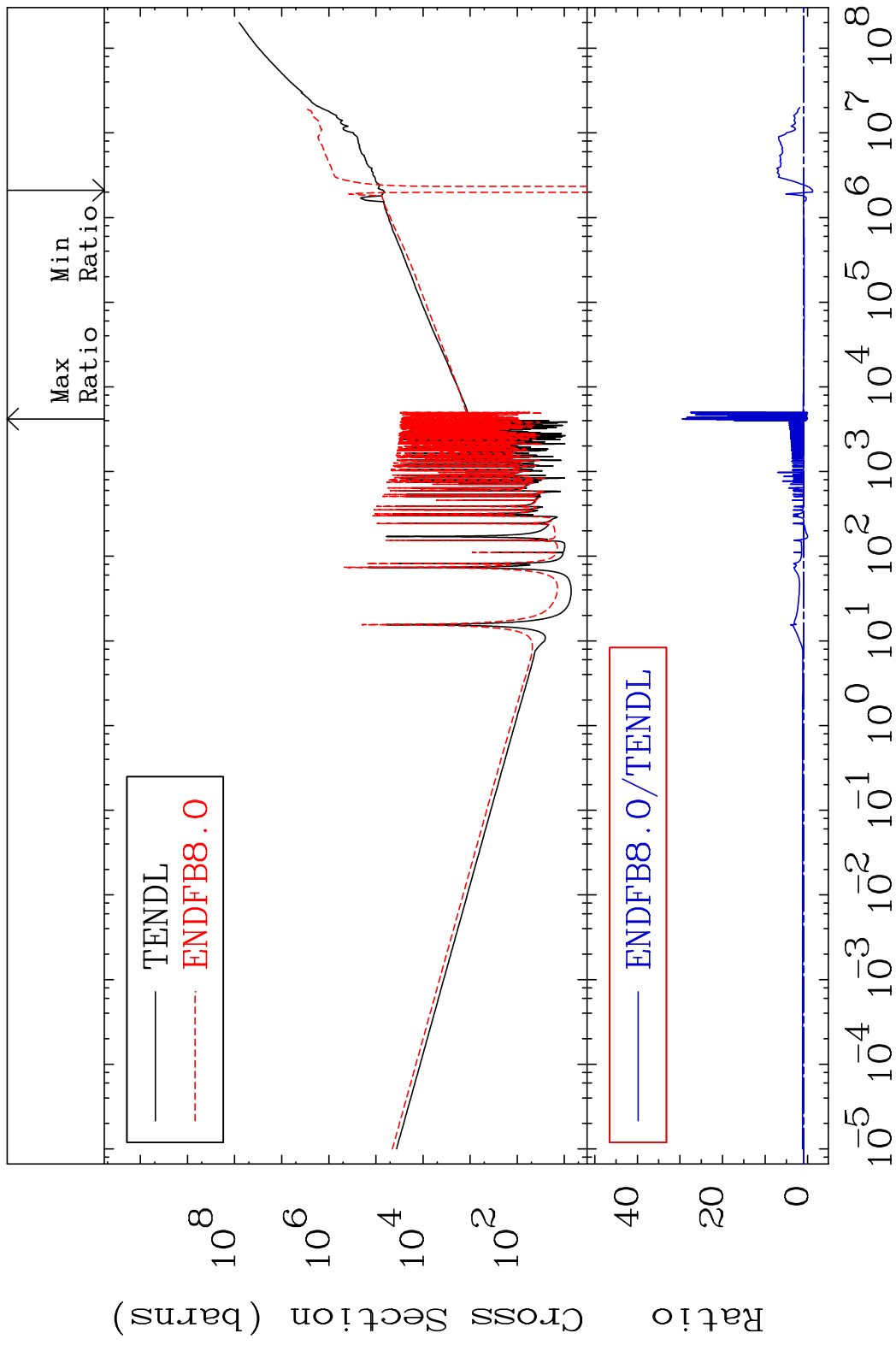


33

Incident Energy (eV)

68-Er-166

MAT 6837 Kerma total (eV-barns) 68-Er-166
 Cross Section -214.1 To 2845. %

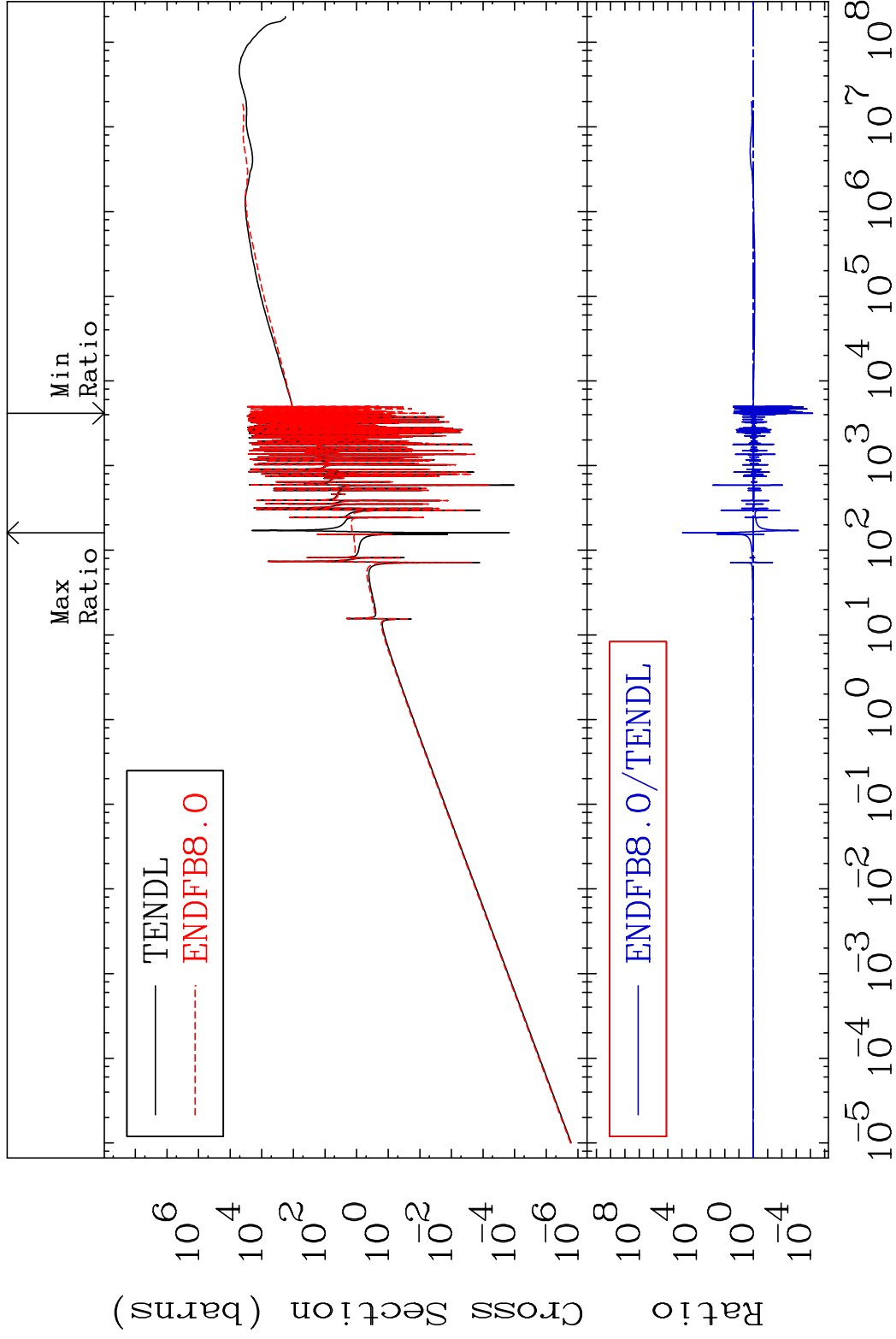


34 Incident Energy (eV) 68-Er-166

MAT 6837

Kerma elastic
Cross Section

68-Er-166
-99.99 To 9999. %

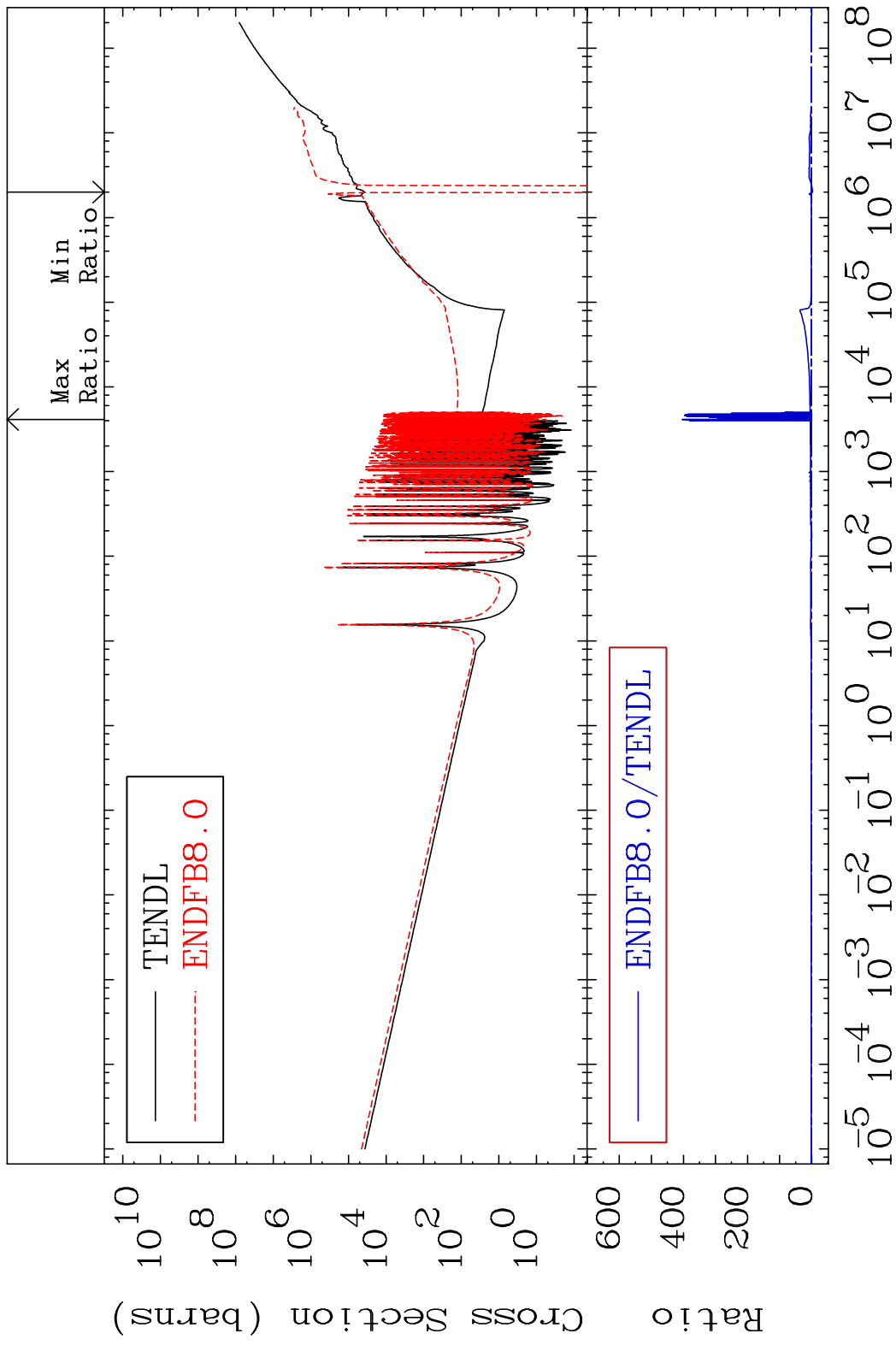


35

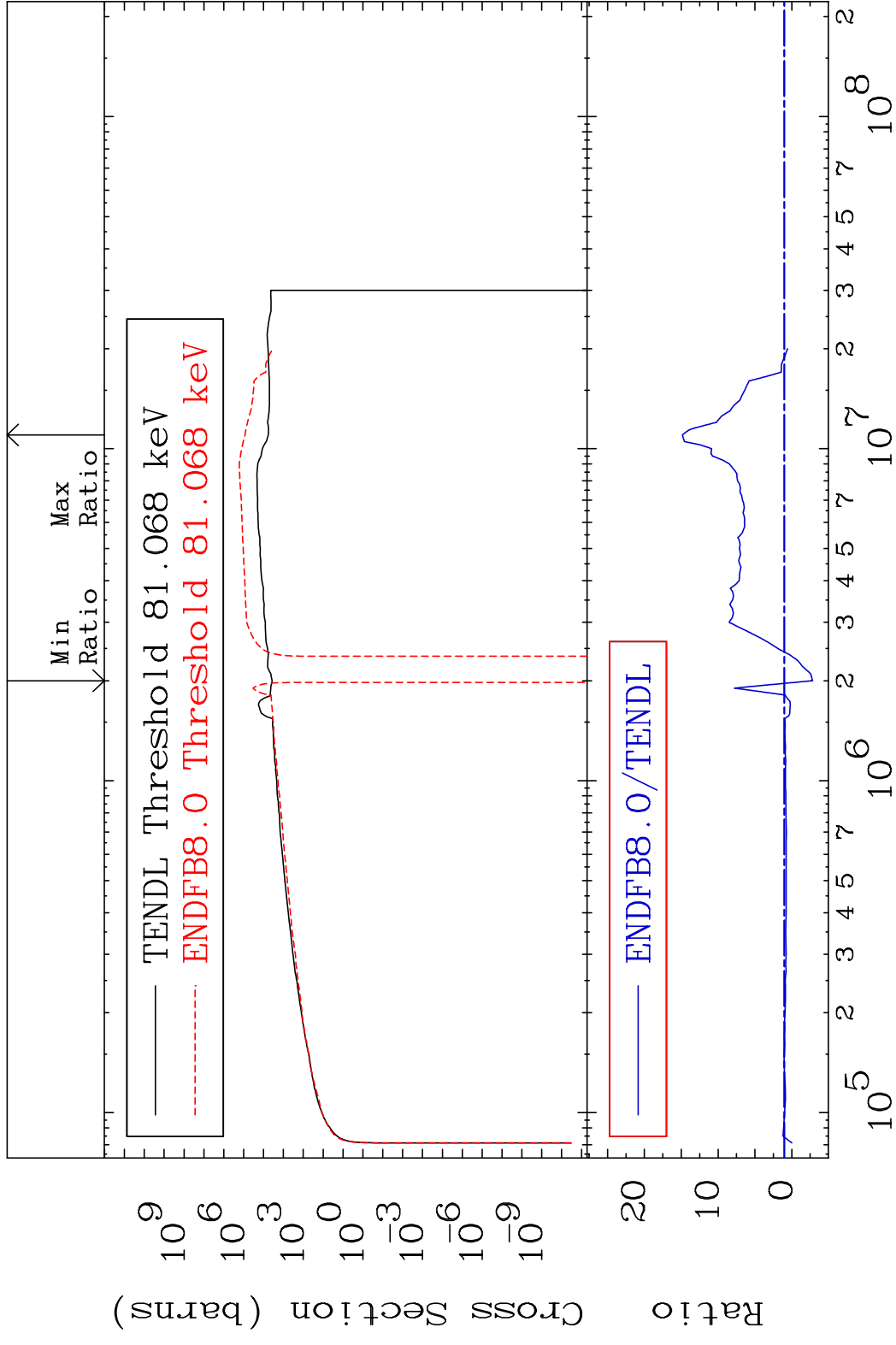
Incident Energy (eV)

68-Er-166

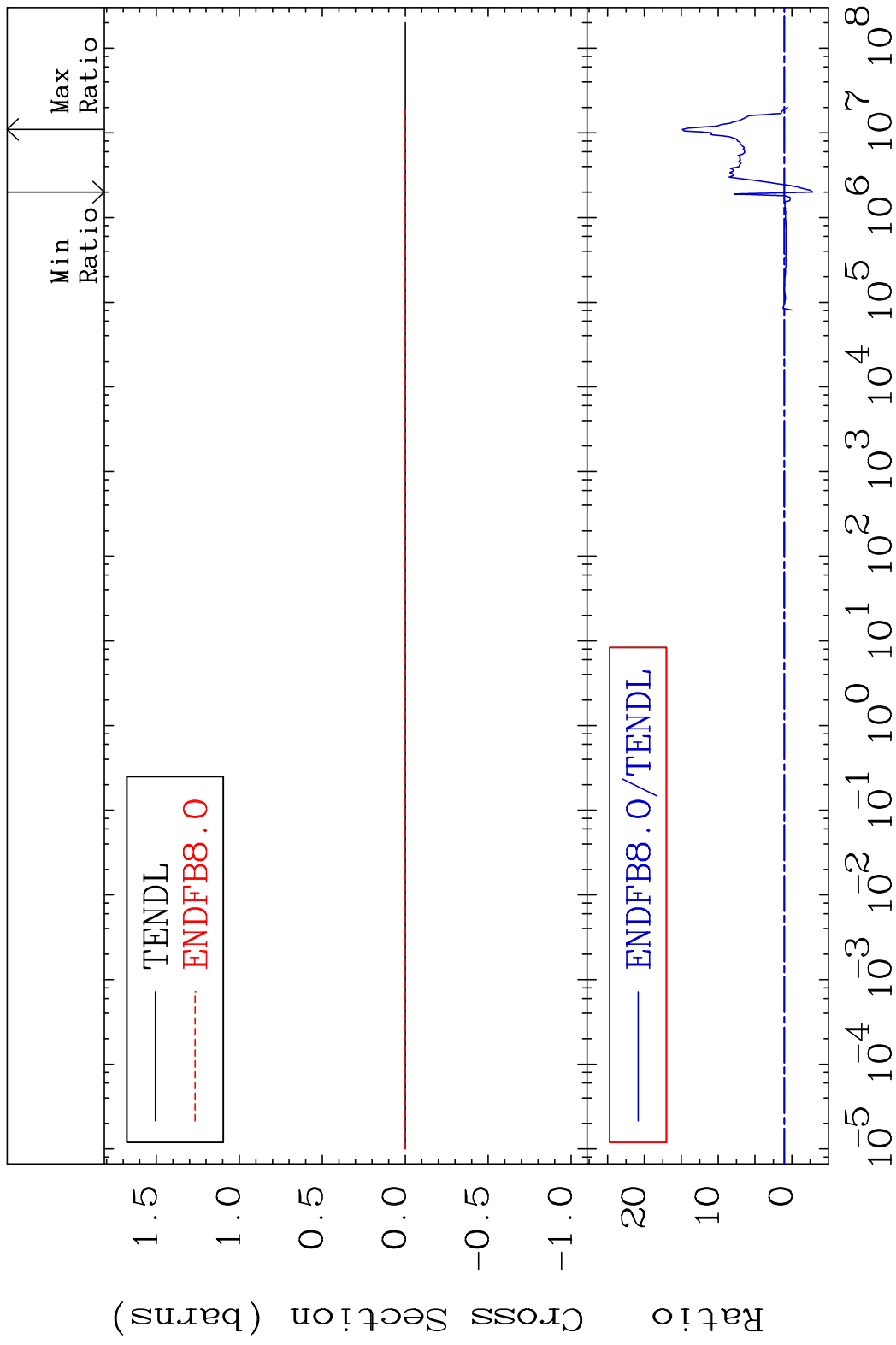
MAT 6837 Kerma non-elastic (all but mt2) 68-Er-166
 Cross Section -378.8 To 9999. %



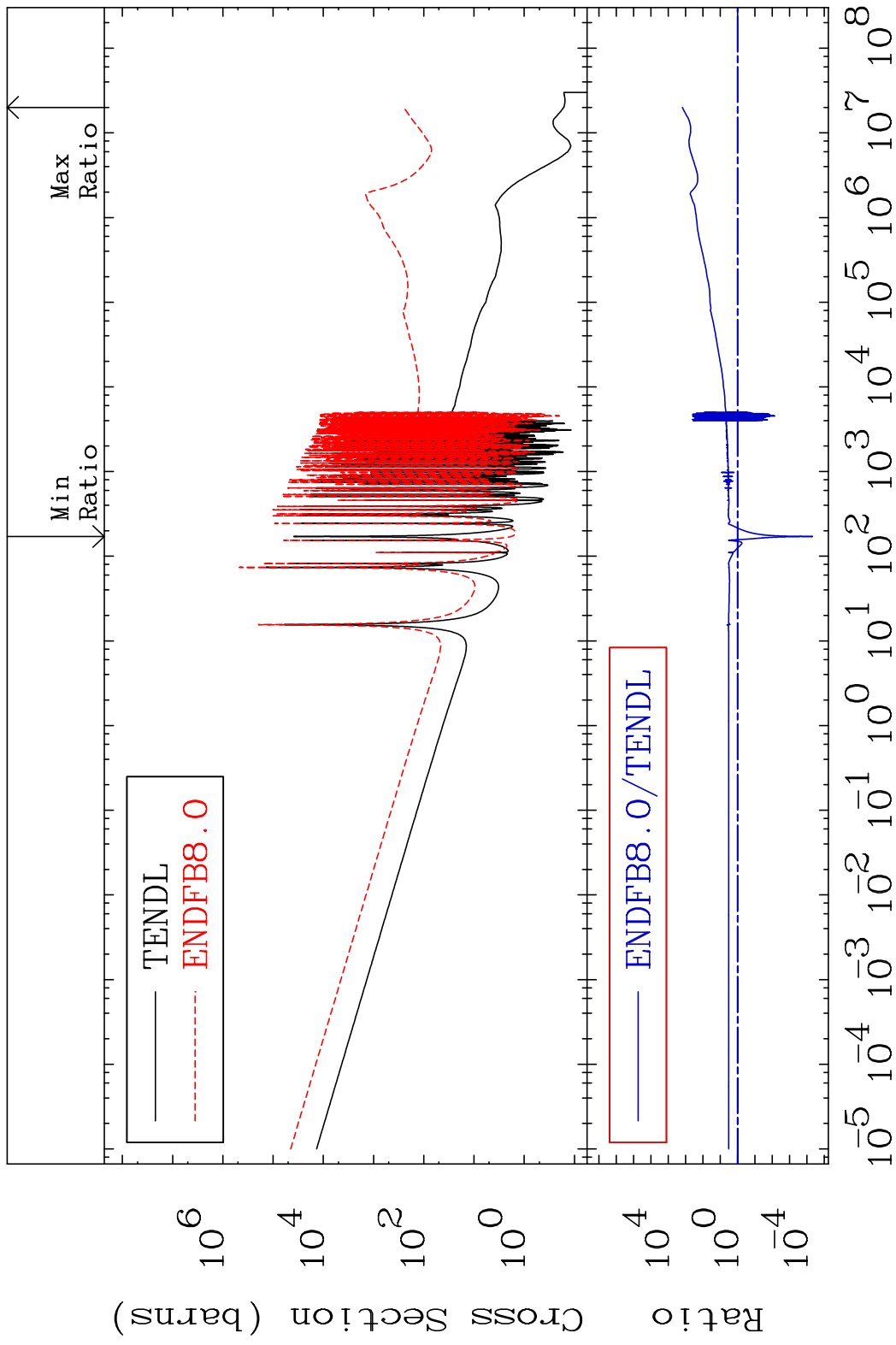
MAT 6837 Kerma inelastic (mt51-91) 68-Er-166
 Cross Section -382.2 To 1385. %



MAT 6837 Kerma fission (mt18 or mt19-20-21-38) 68-Er-166
 Cross Section -382.2 To 1385. %



MAT 6837 Kerma capture (mt102) 68-Er-166
 Cross Section -100.0 To 9999. %



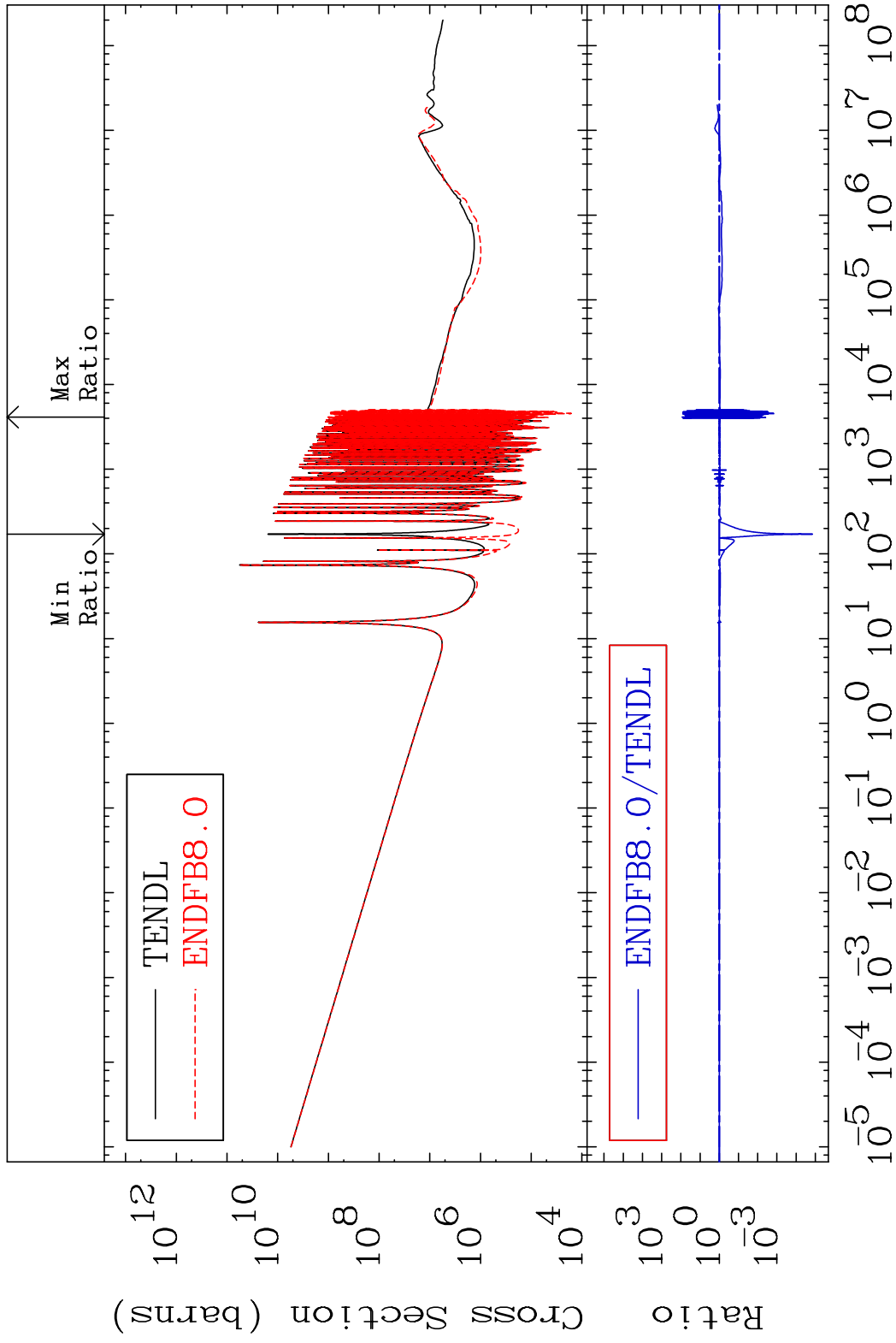
39 Incident Energy (eV) 68-Er-166

MAT 6837

Total photon (eV-barns)

68-Er-166

Cross Section -100.0 To 8254. %

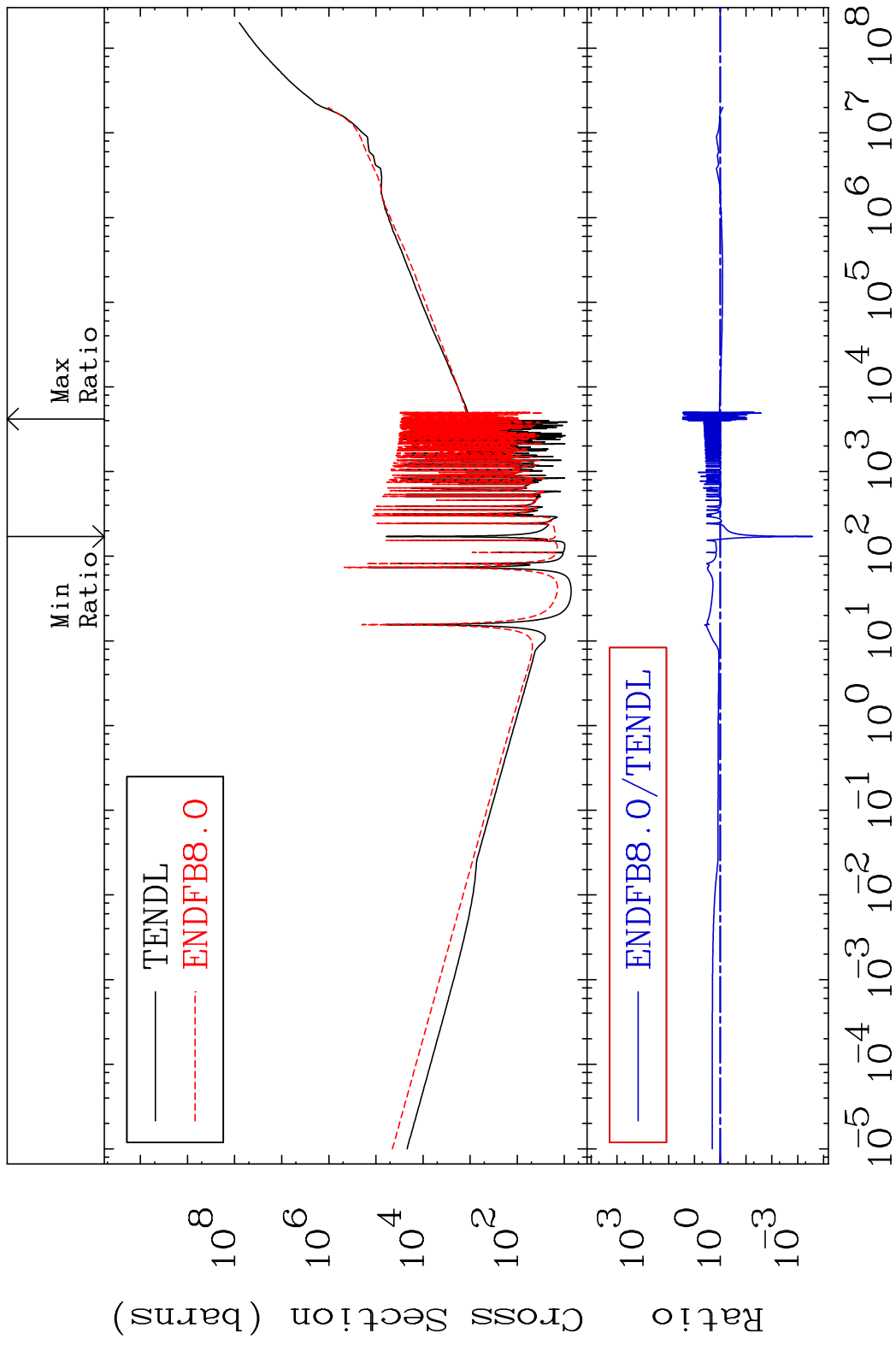


40

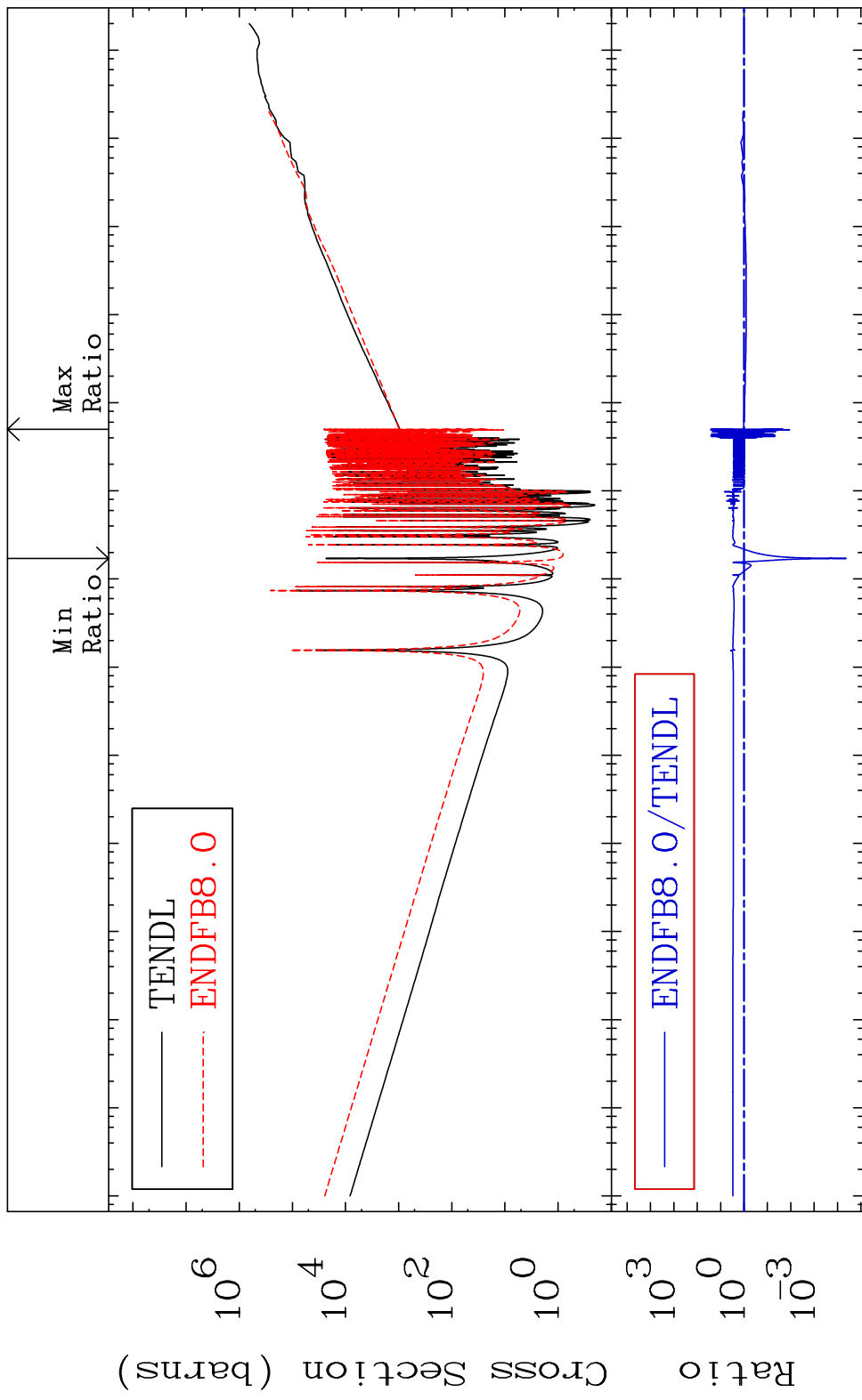
Incident Energy (eV)

68-Er-166

MAT 6837 Total kinematic kerma (high limit) 68-Er-166
 Cross Section -99.97 To 2845. %



MAT 6837 Dpa total (eV-barns) 68-Er-166
 Cross Section -100.0 To 2555. %



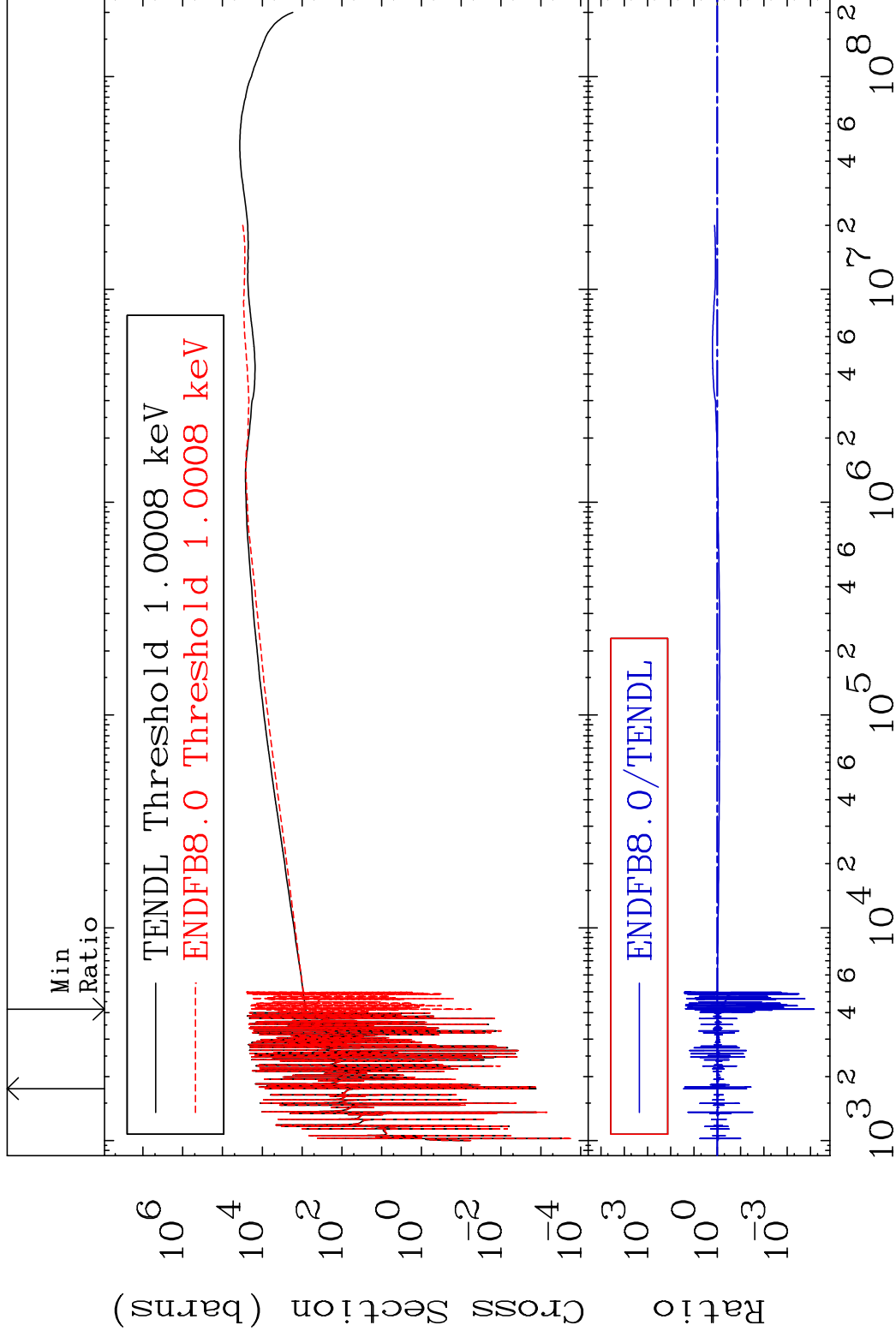
42 Incident Energy (eV) 68-Er-166

MAT 6837

Dpa elastic (mt2)

68-Er-166

Cross Section -99.99 To 2699. %



43

Incident Energy (eV)

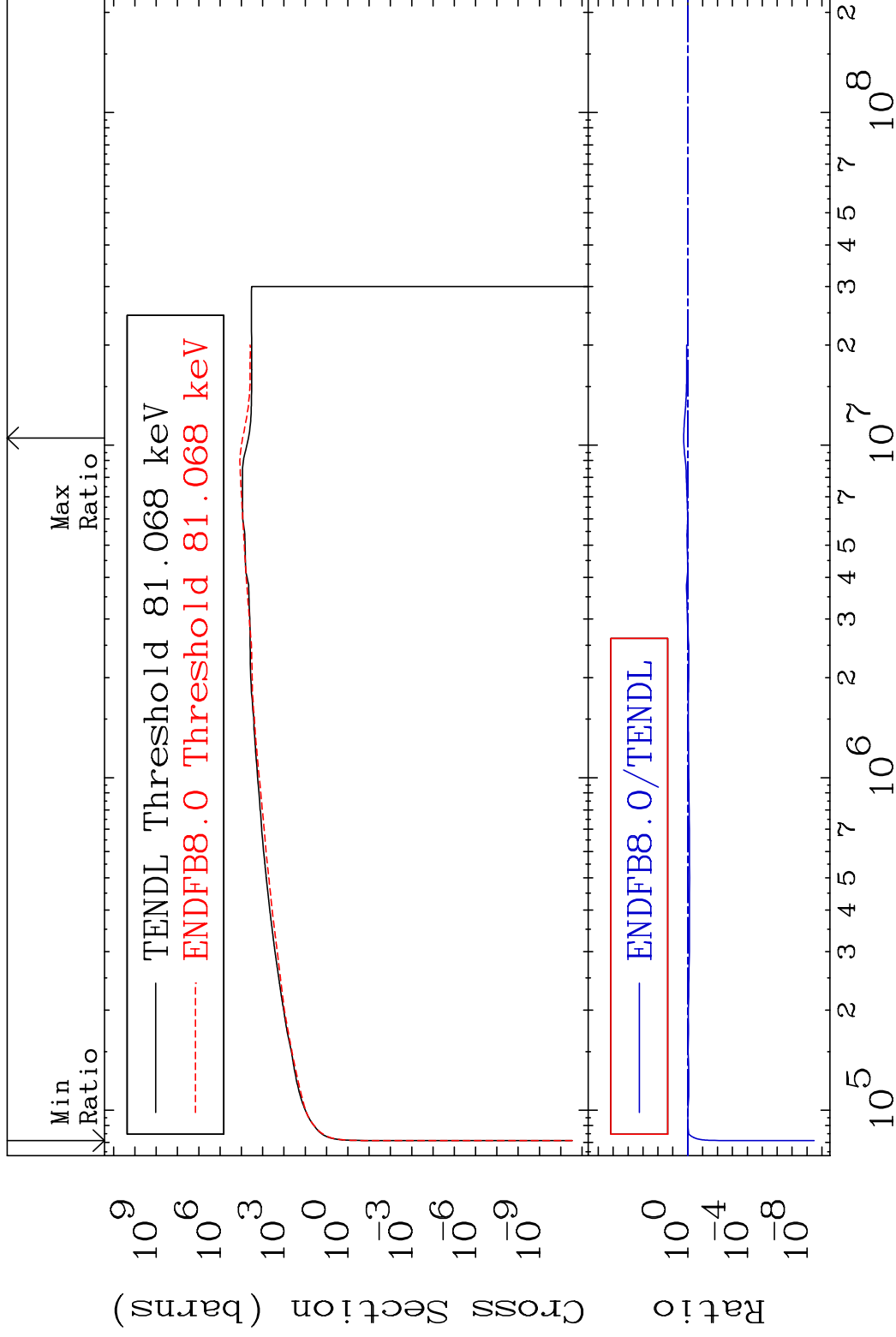
68-Er-166

MAT 6837

Dpa inelastic (mt51-91)

68-Er-166

Cross Section -100.0 To 87.41 %

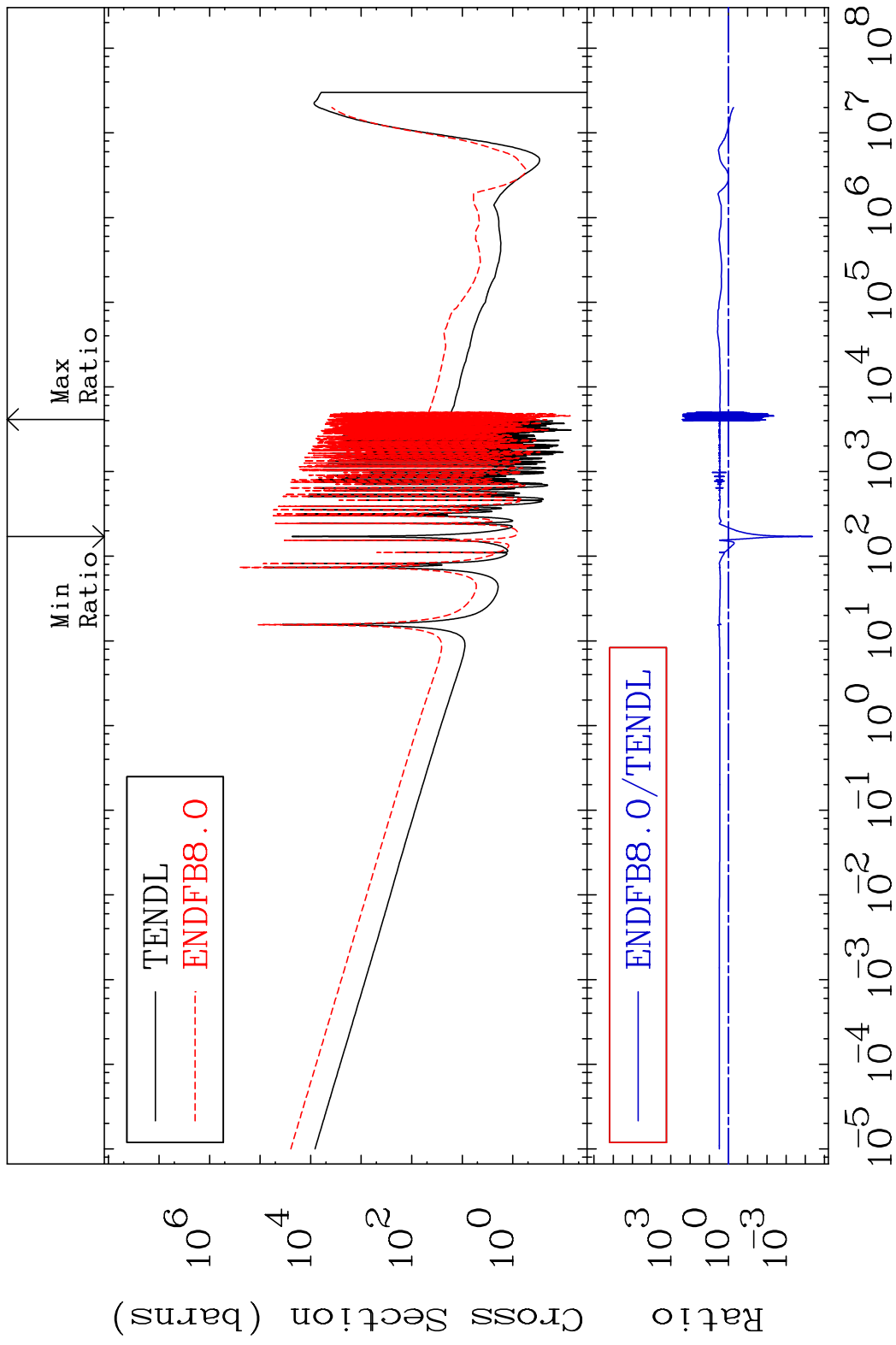


44

Incident Energy (eV)

68-Er-166

MAT 6837 Dpa disappearance (mt102 -120) 68-Er-166
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 68-Er-166