

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

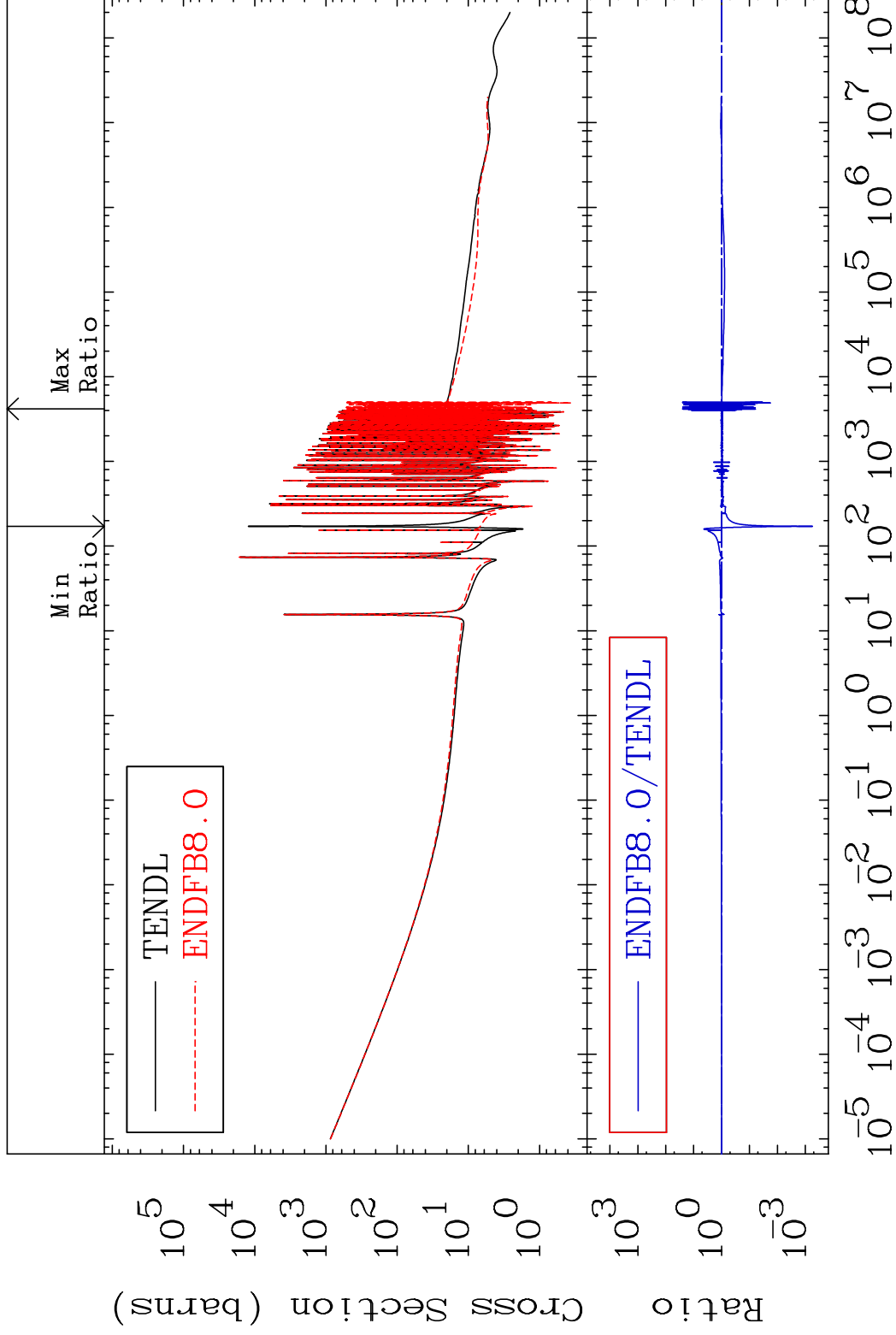
Press Mouse Button to Start

MAT 6837

Total

68-Er-166

Cross Section -99.94 To 2444. %



1

Incident Energy (eV)

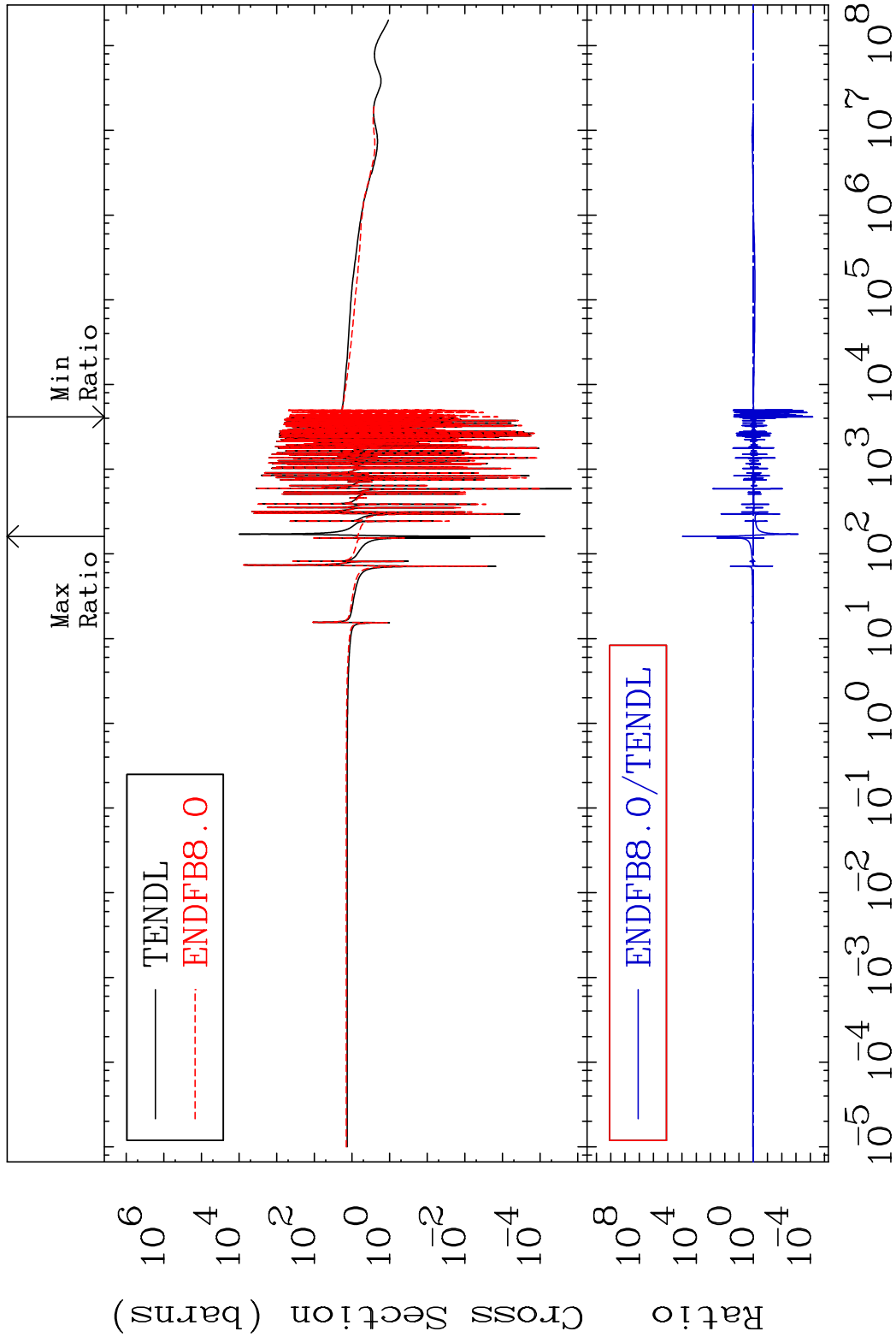
68-Er-166

MAT 6837

Elastic

68-Er-166

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

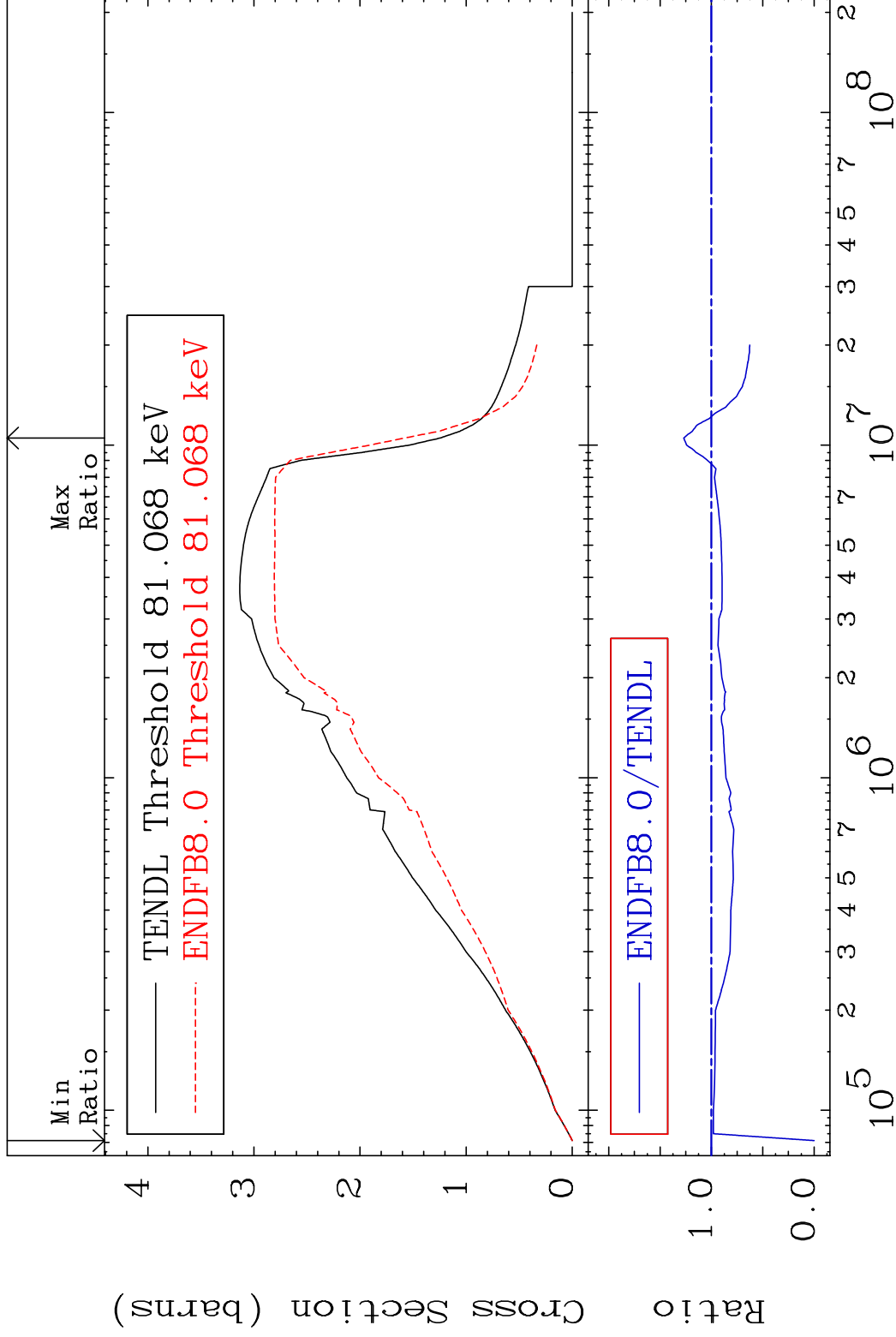
68-Er-166

MAT 6837

Inelastic

68-Er-166

Cross Section -100.0 To 27.06 %



3

Incident Energy (eV)

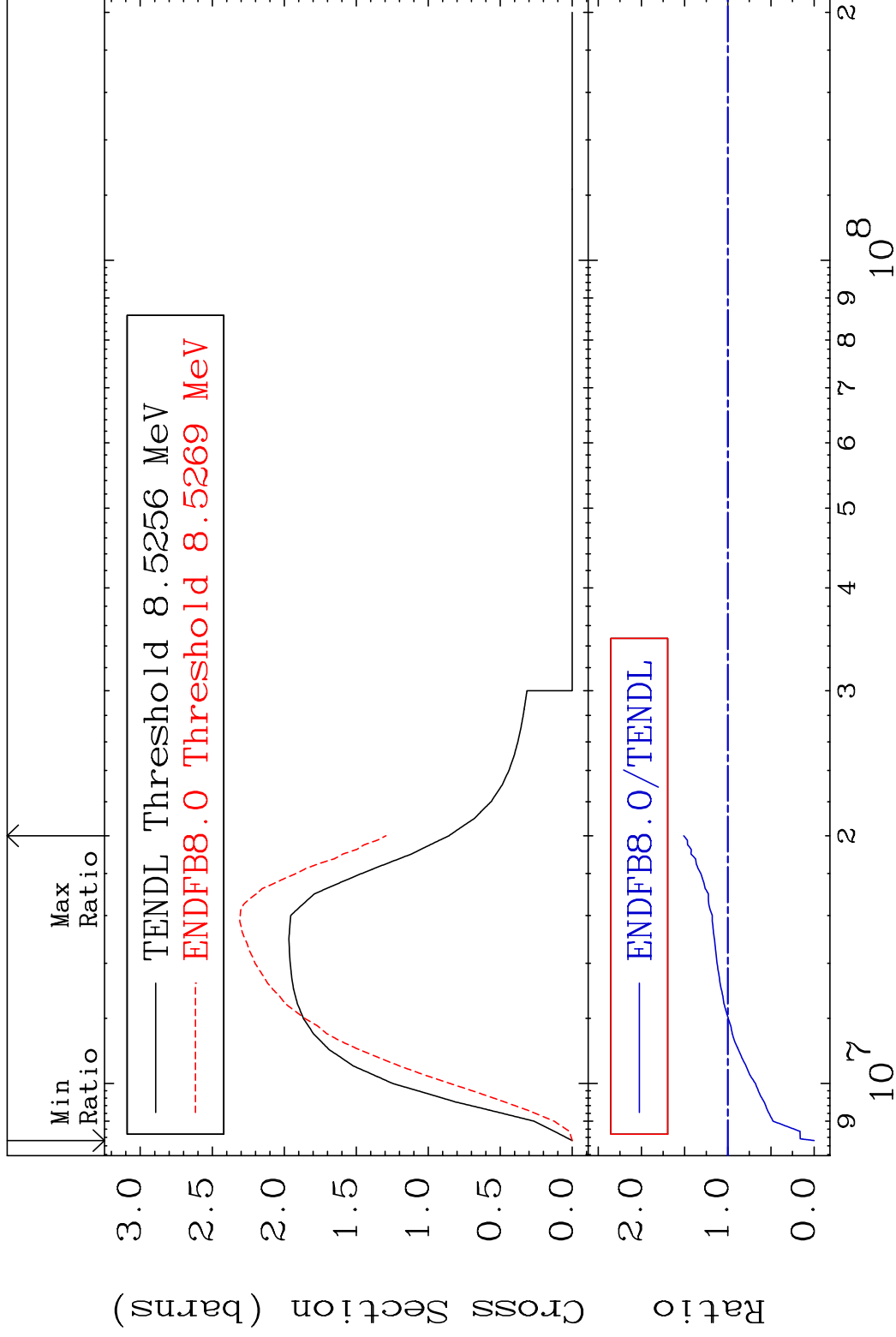
68-Er-166

MAT 6837

(n,2n)

68-Er-166

Cross Section -100.0 To 51.11 %



4

Incident Energy (eV)

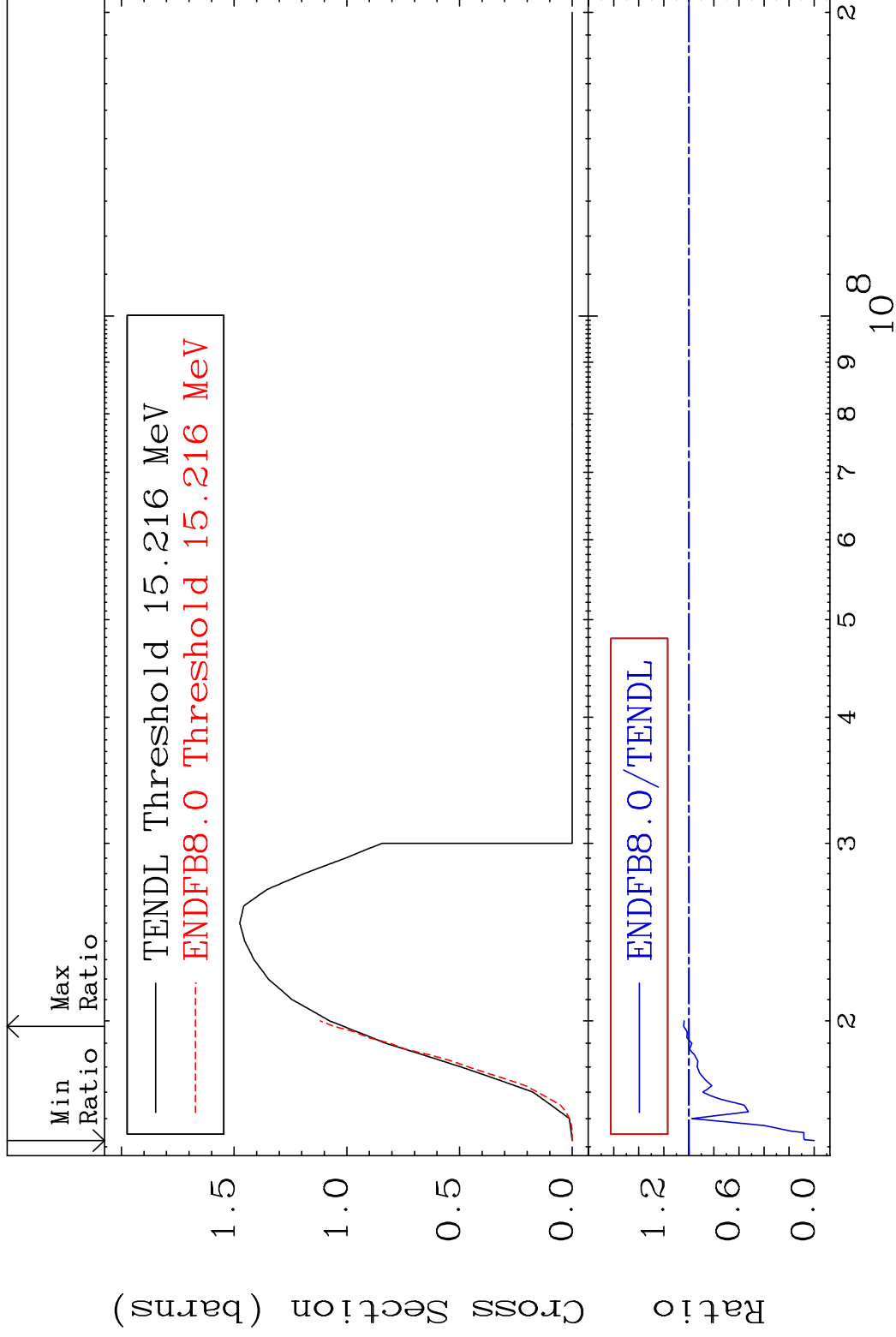
68-Er-166

MAT 6837

(n,3n)

68-Er-166

Cross Section -100.0 To 4.163 %



5

Incident Energy (eV)

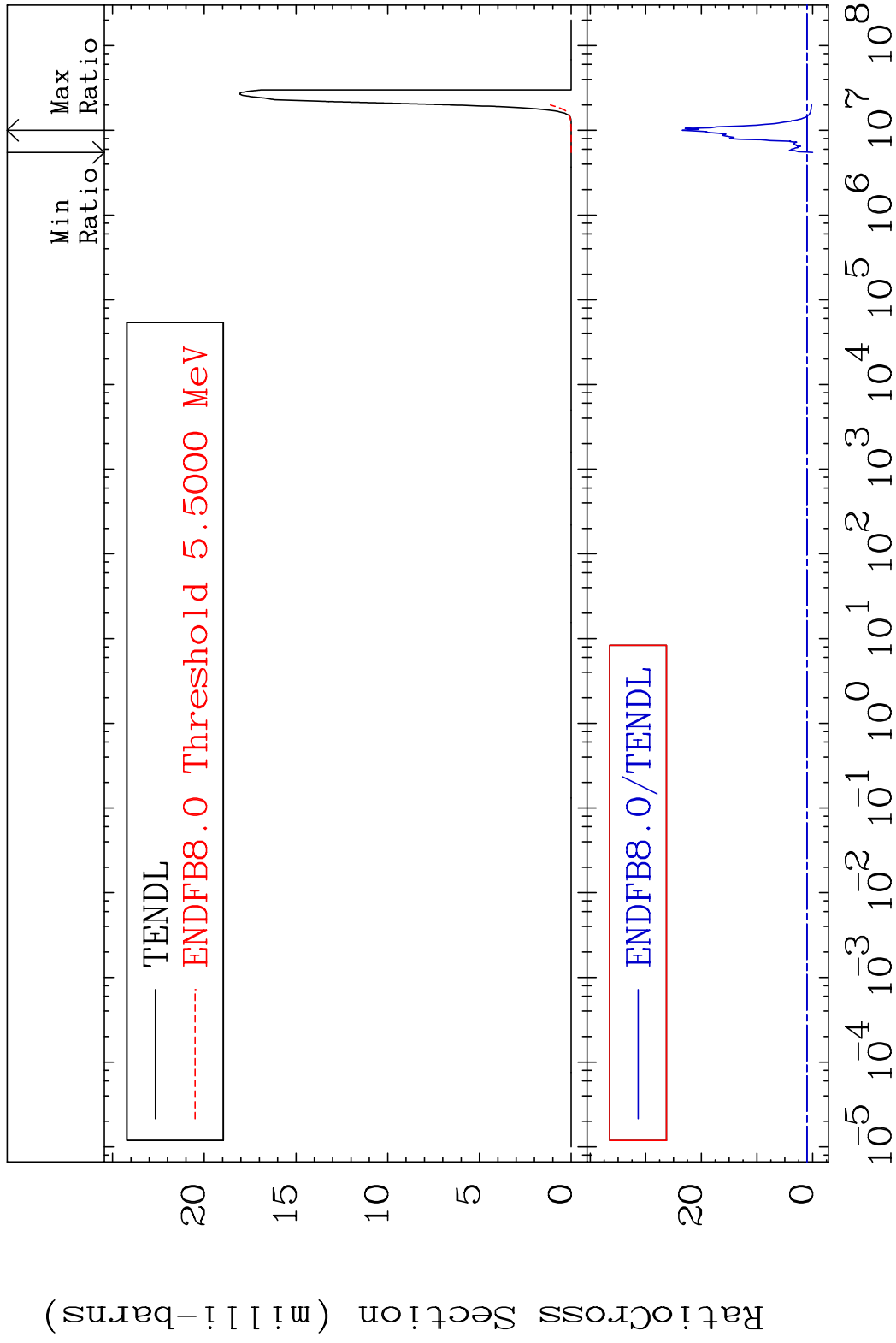
68-Er-166

MAT 6837

(n, n') α

68-Er-166

Cross Section -100.0 To 2242. %



6

Incident Energy (eV)

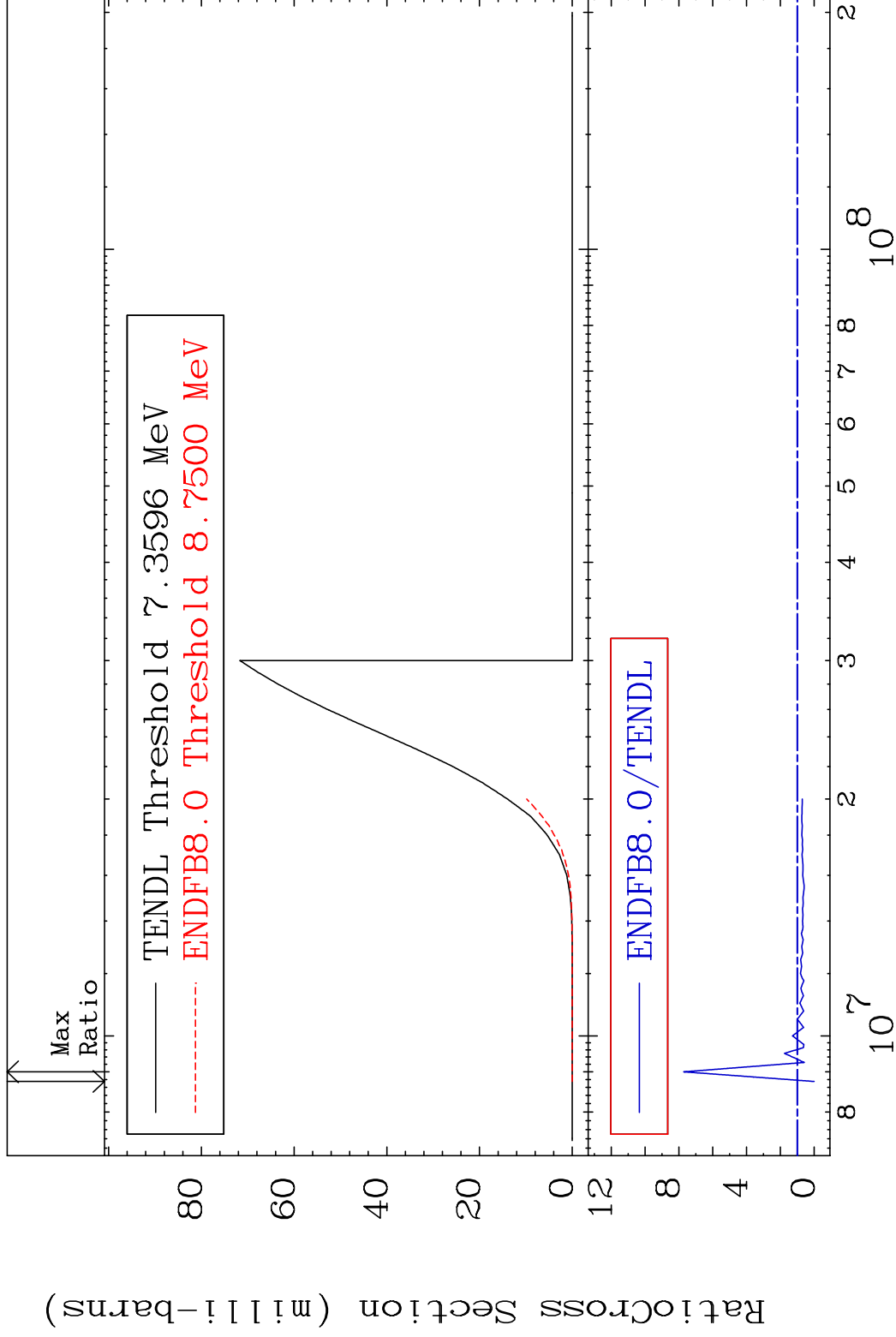
68-Er-166

MAT 6837

(n, n') p

68-Er-166

Cross Section -100.0 To 672.1 %



7

Incident Energy (eV)

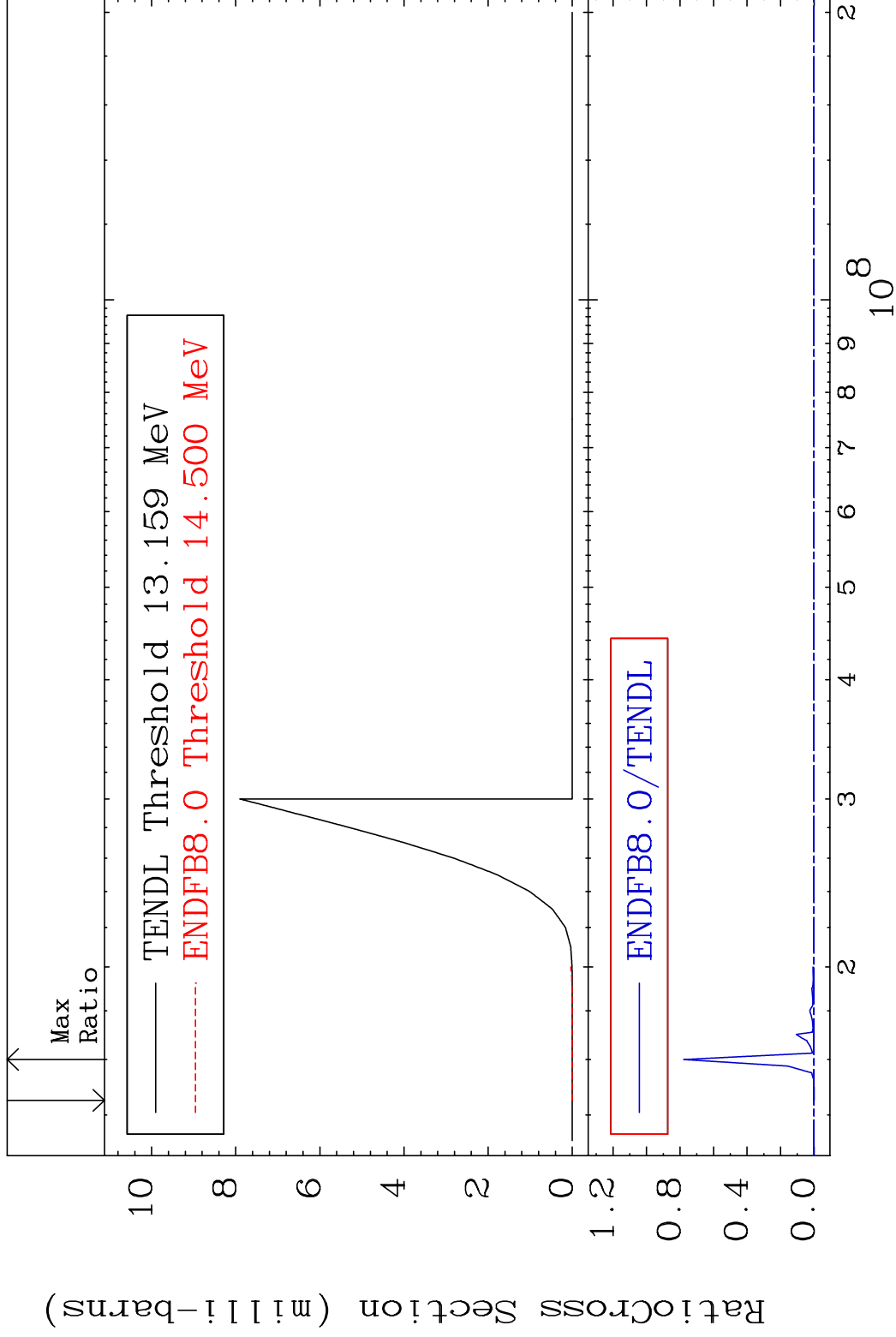
68-Er-166

MAT 6837

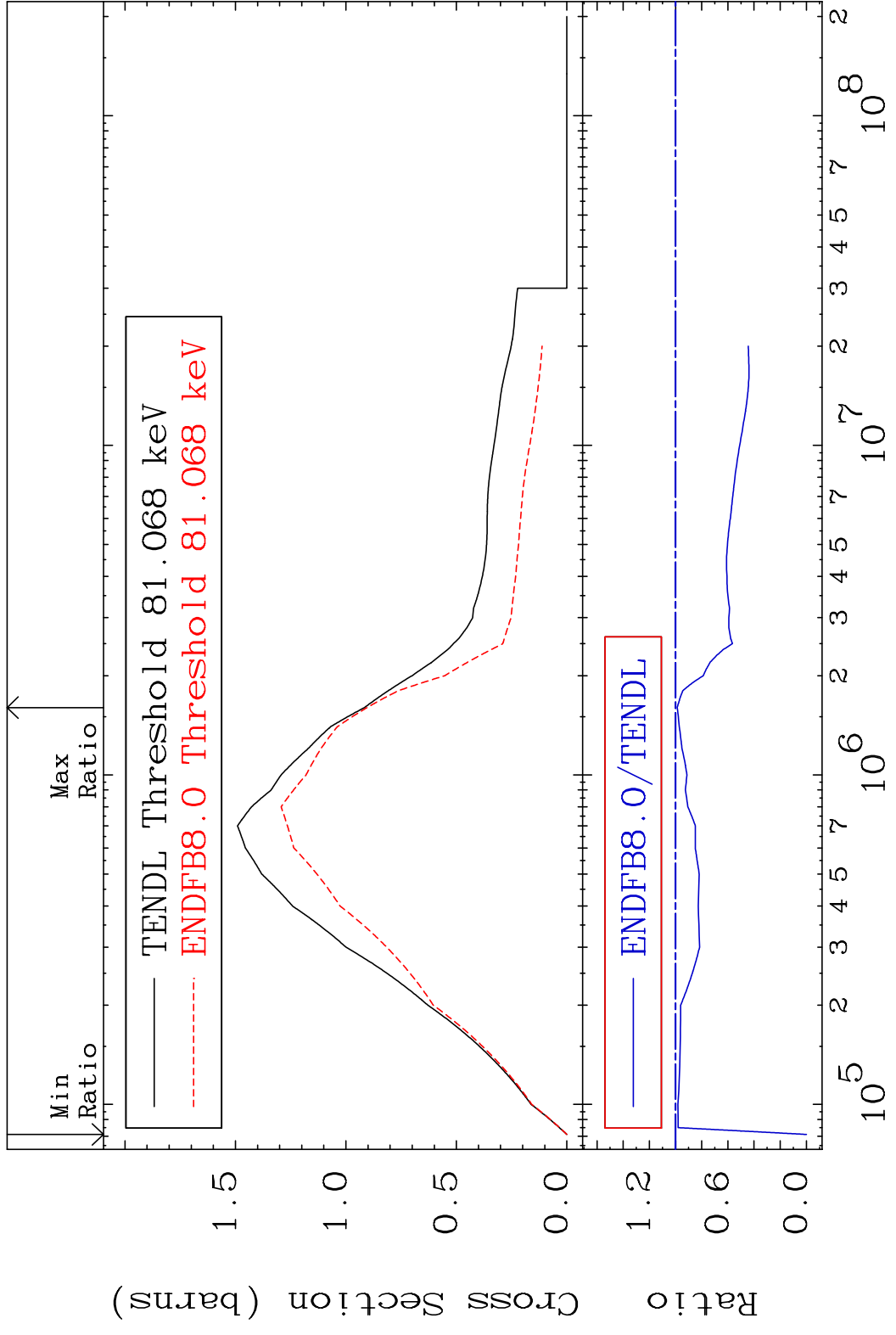
(n, n') d

68-Er-166

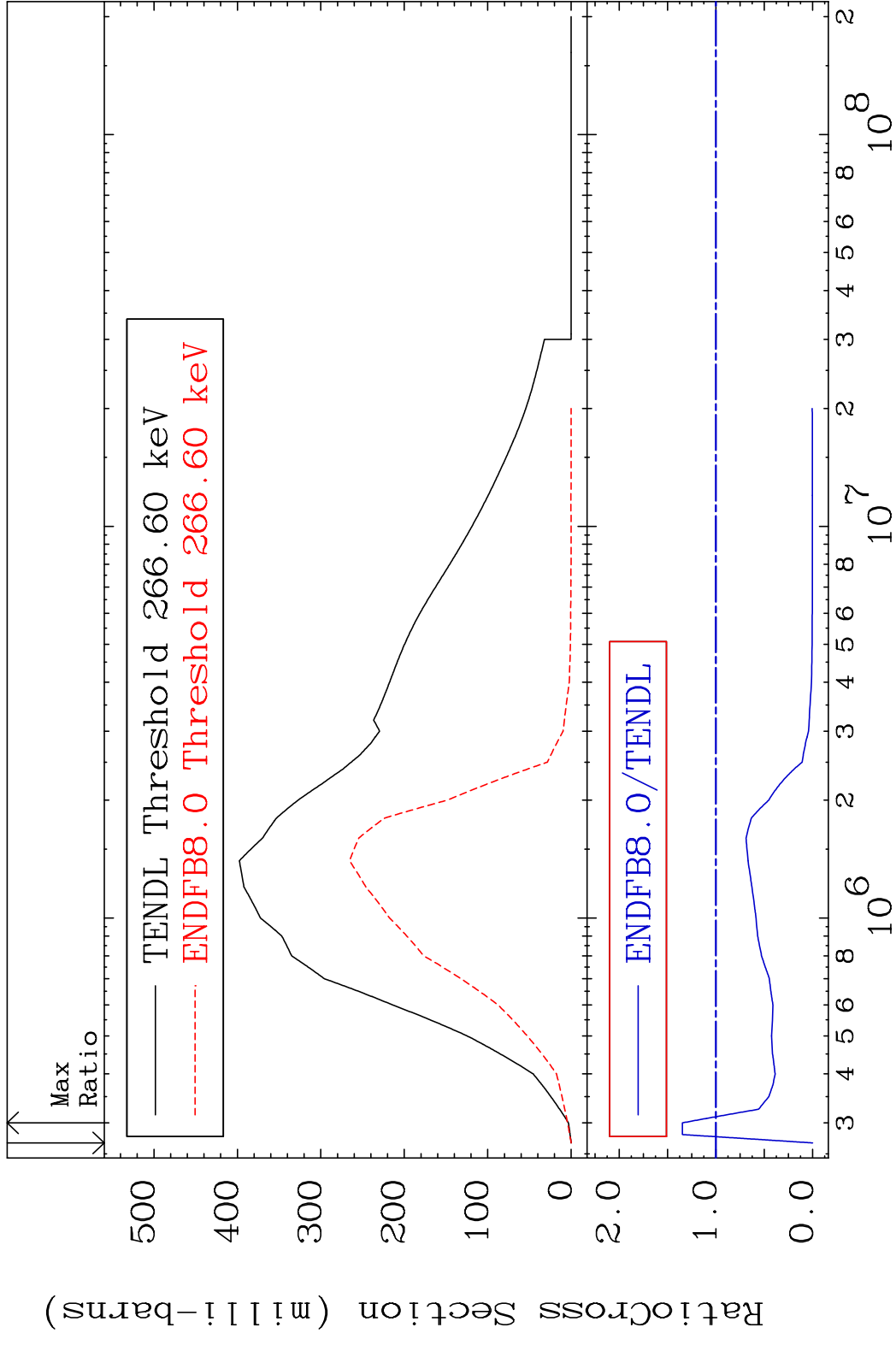
Cross Section -100.0 To 9999. %



MAT 6837 MT= 51 (n, n') Level 68-Er-166
 Cross Section -100.0 To -1.265%

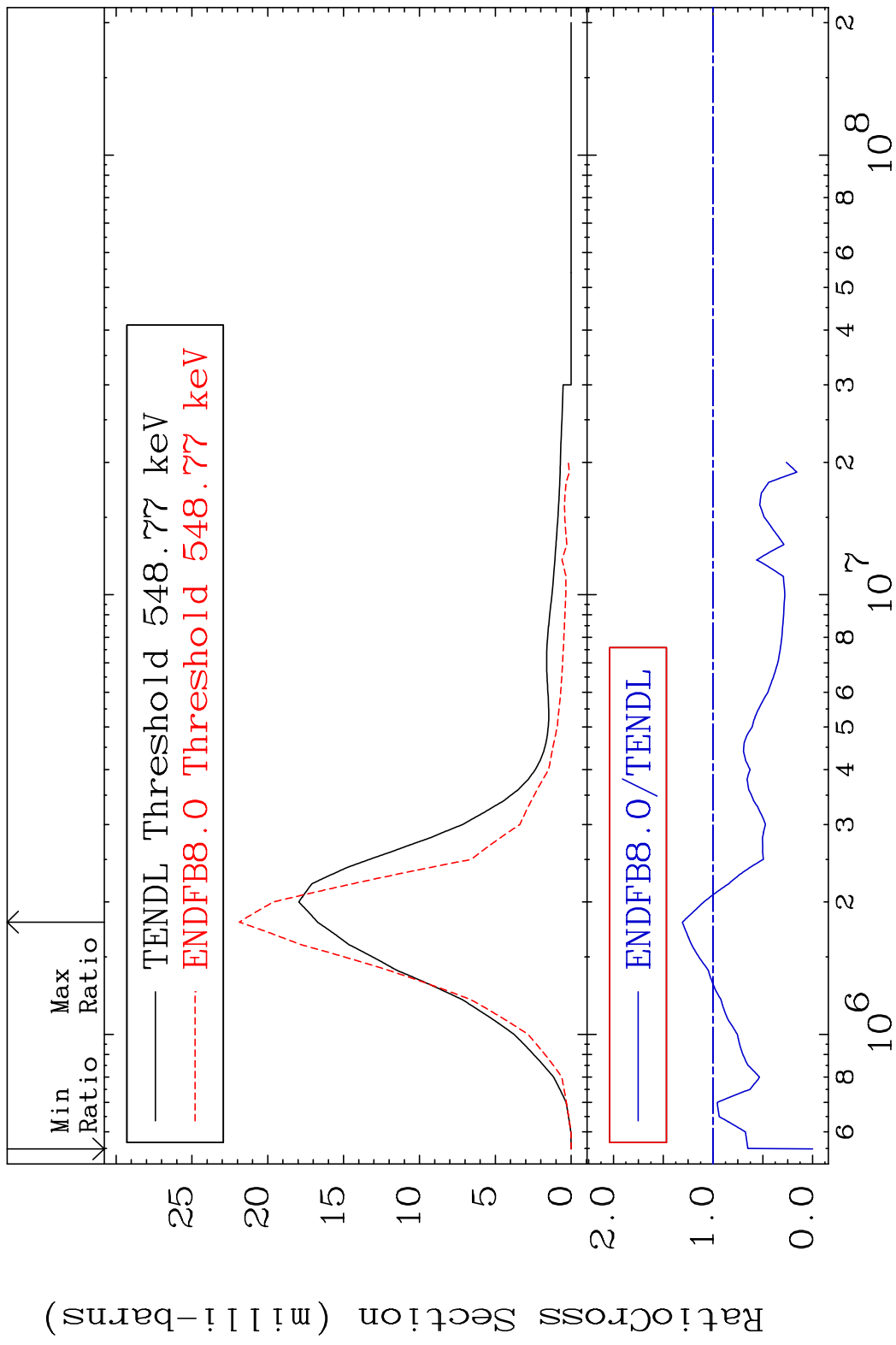


MAT 6837 MT= 52 (n,n') Level 68-Er-166
 Cross Section -100.0 To 34.62 %

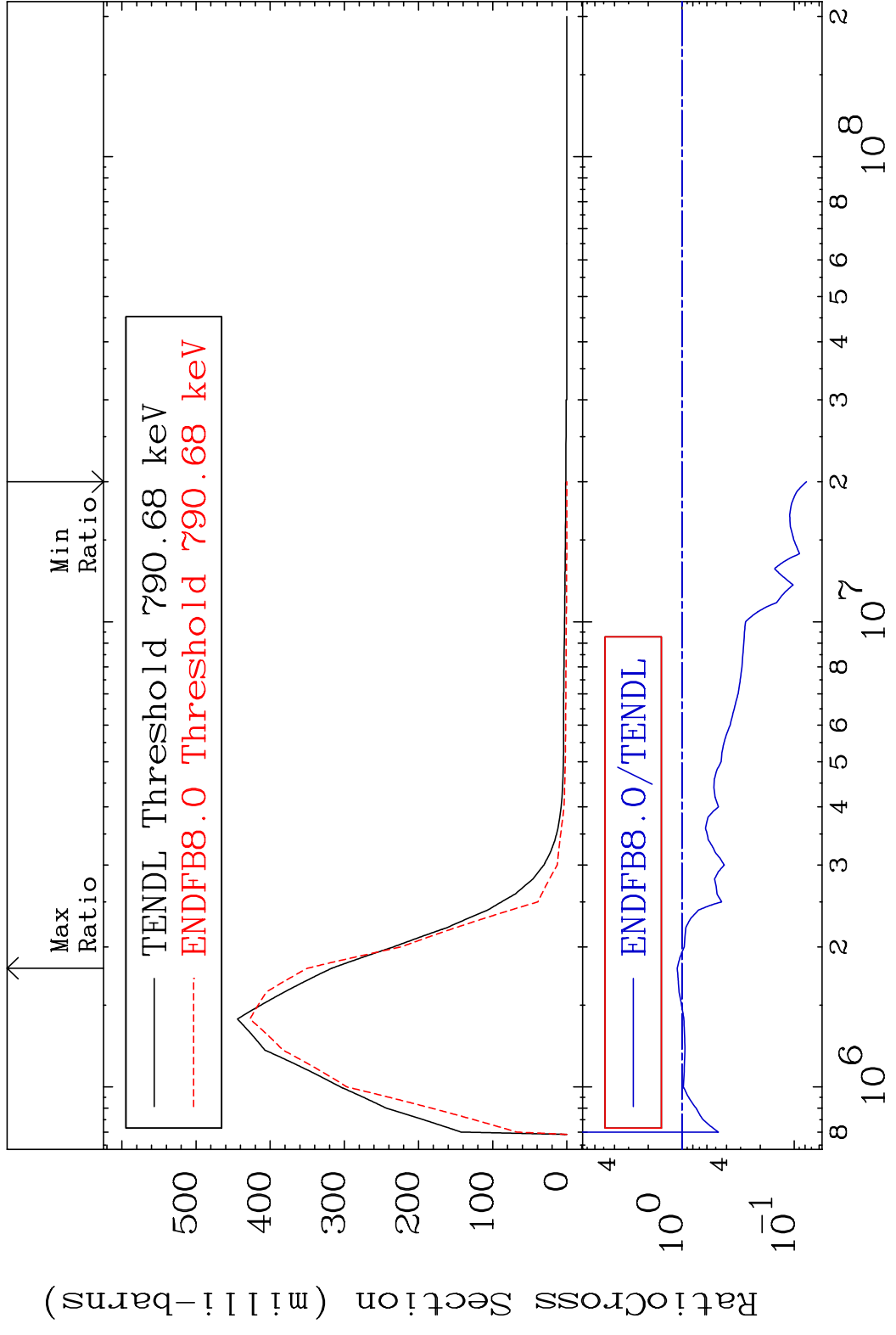


10 Incident Energy (eV) 68-Er-166

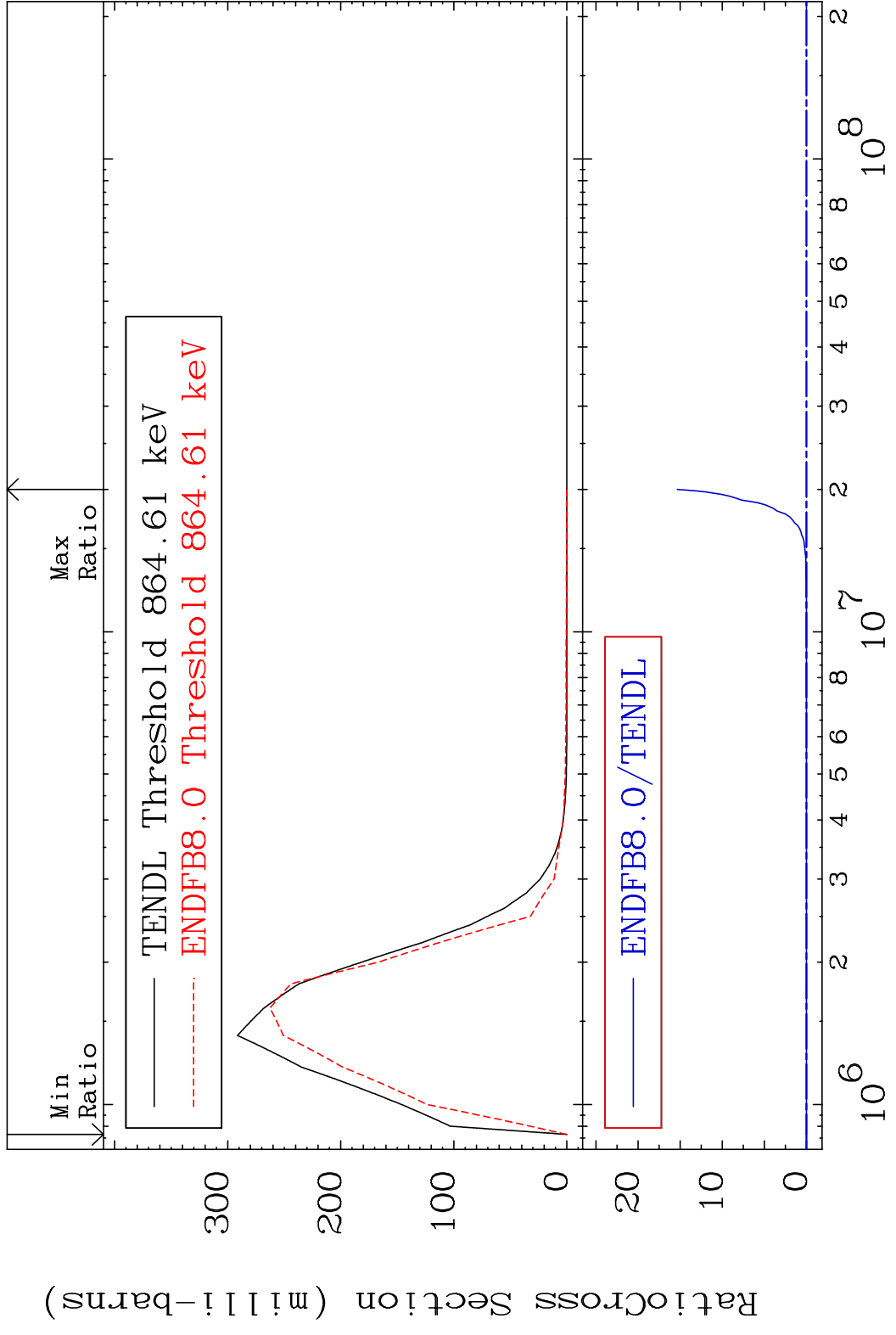
MAT 6837 MT= 53 (n,n') Level 68-Er-166
 Cross Section -100.0 To 30.82 %



MAT 6837 MT= 54 (n, n') Level 68-Er-166
 Cross Section -92.23 To 10.41 %

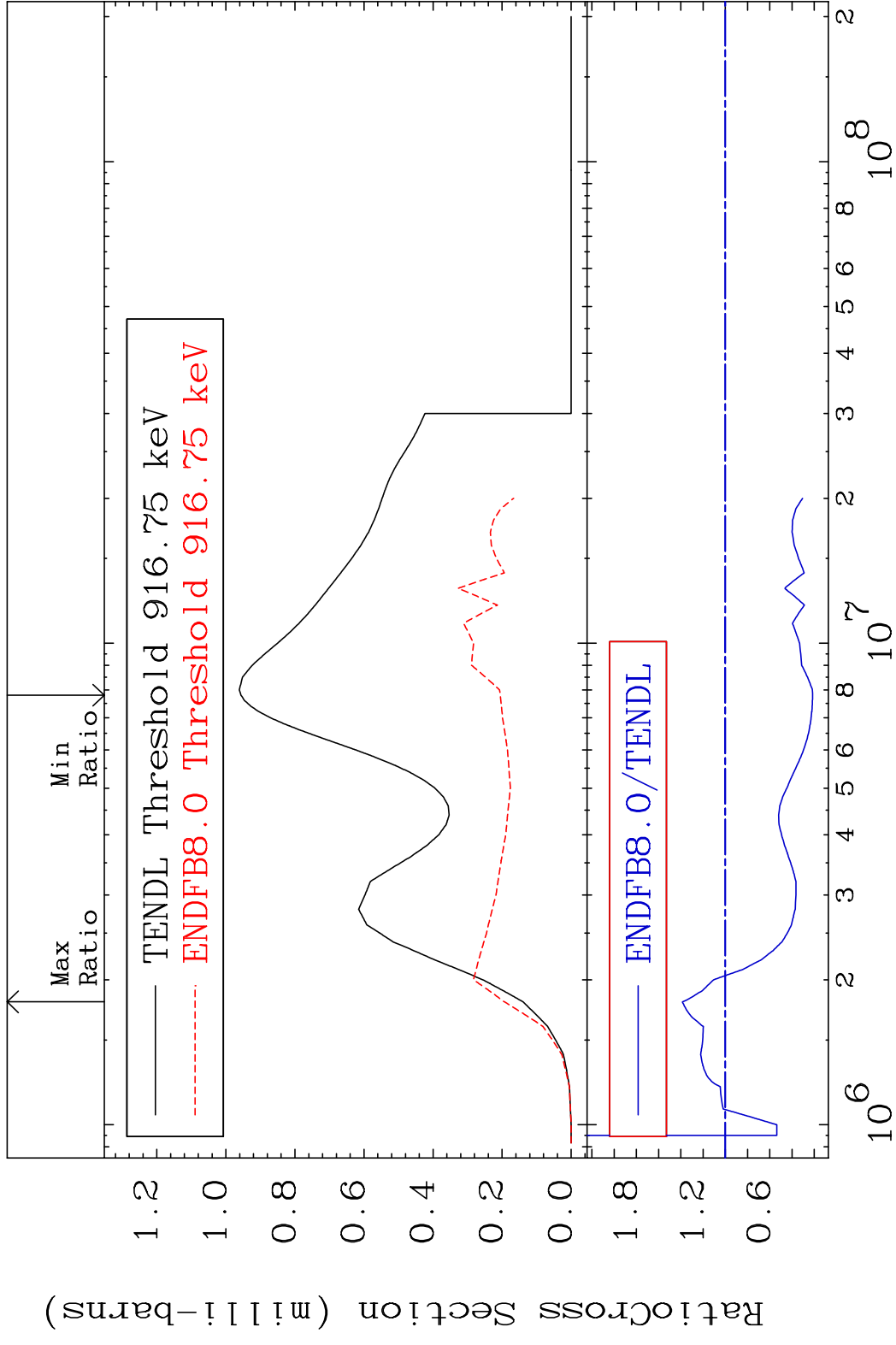


MAT 6837 MT= 55 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %

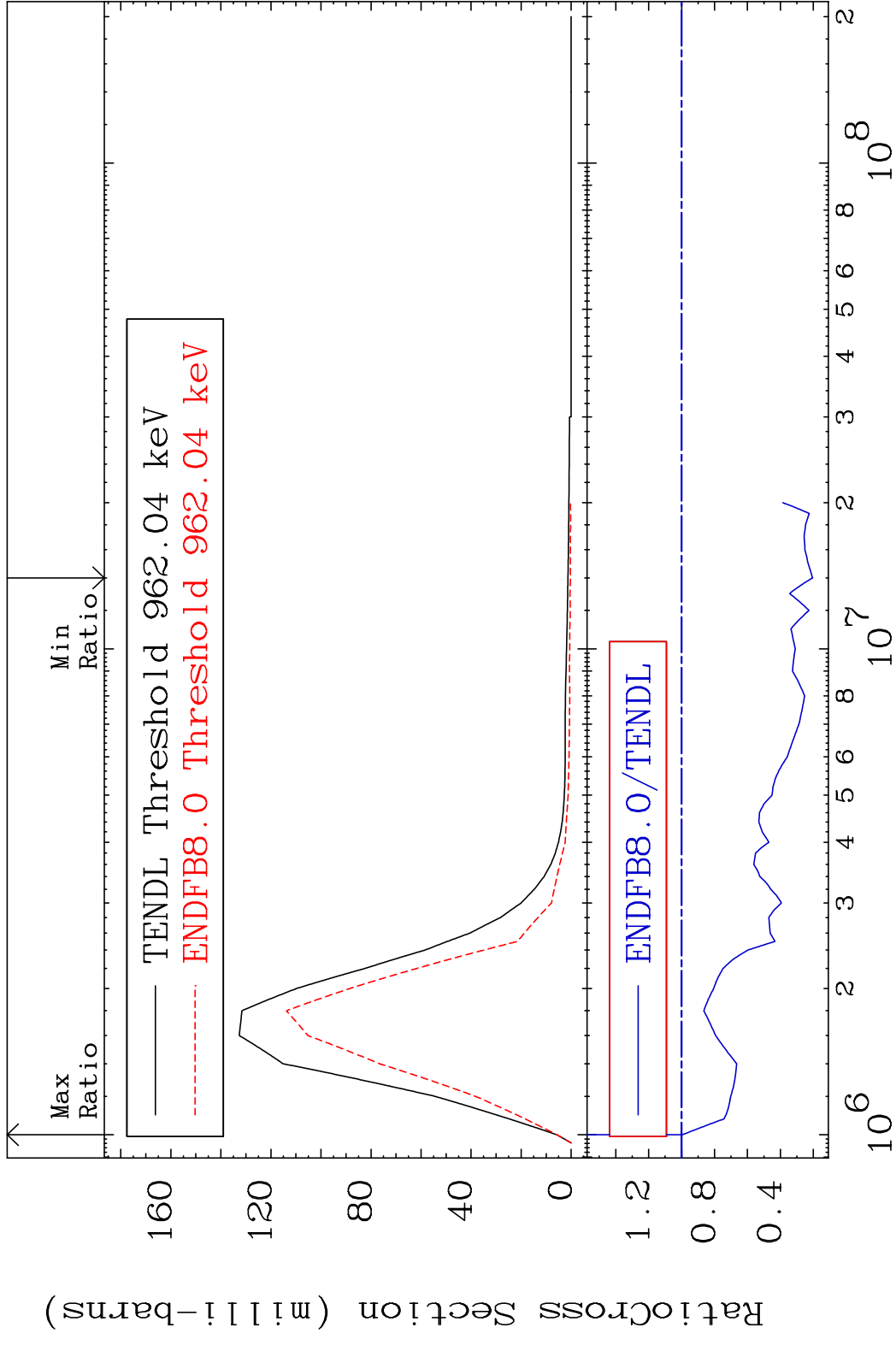


13 Incident Energy (eV) 68-Er-166

MAT 6837 MT= 56 (n, n') Level 68-Er-166
 Cross Section -78.50 To 38.64 %

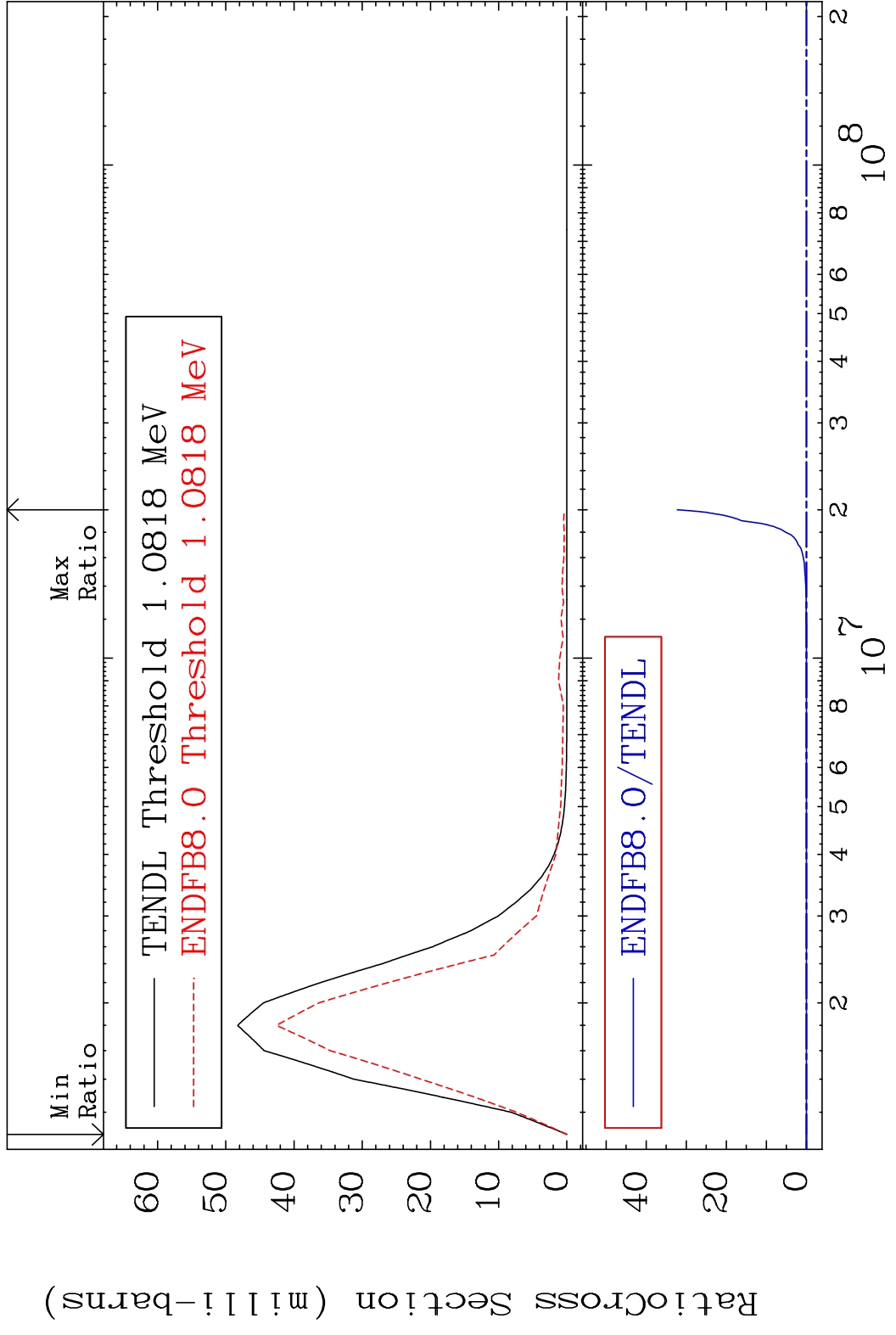


MAT 6837 MT= 57 (n, n') Level 68-Er-166
 Cross Section -79.51 To -0.455%

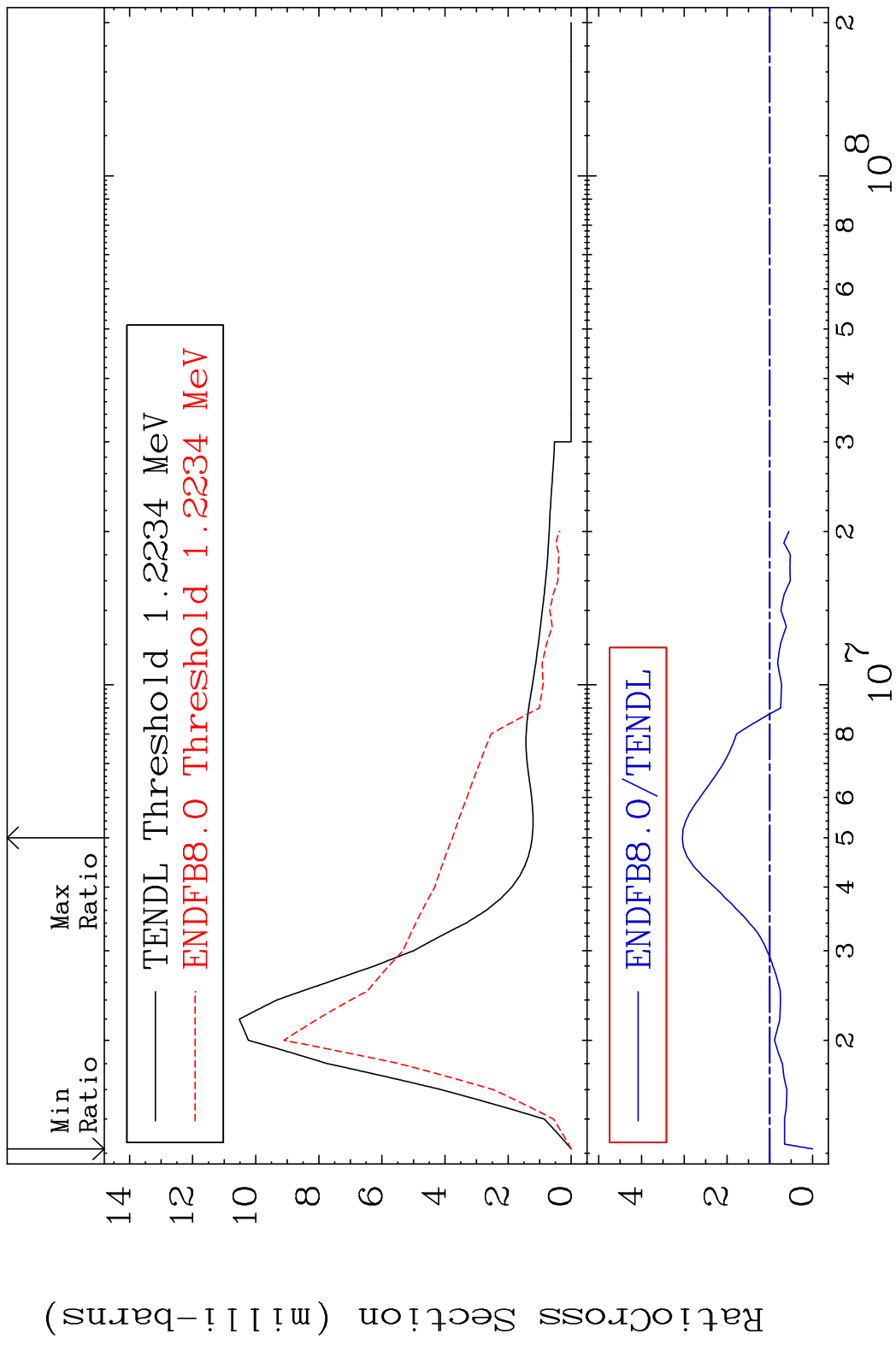


15 Incident Energy (eV) 68-Er-166

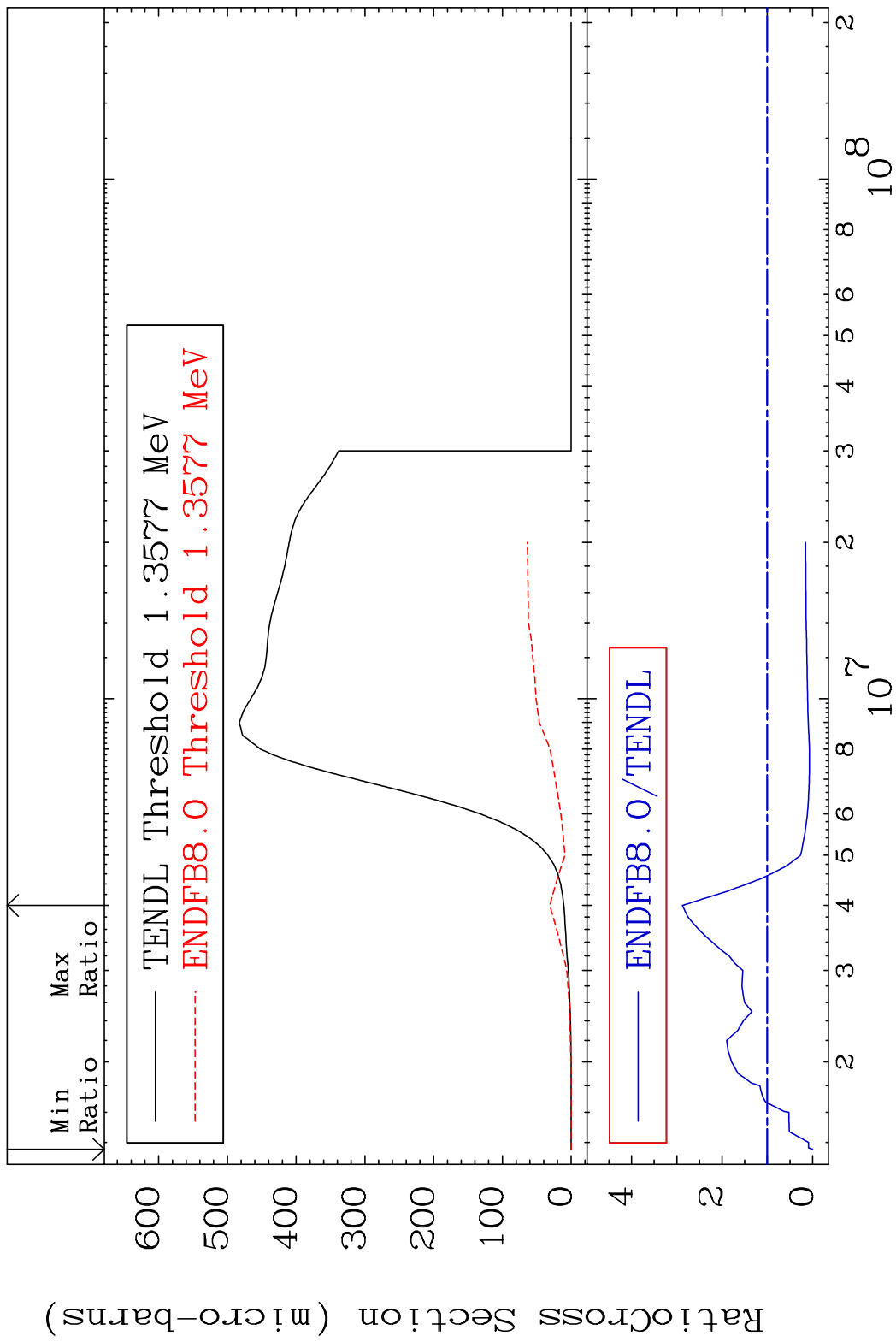
MAT 6837 MT= 58 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %



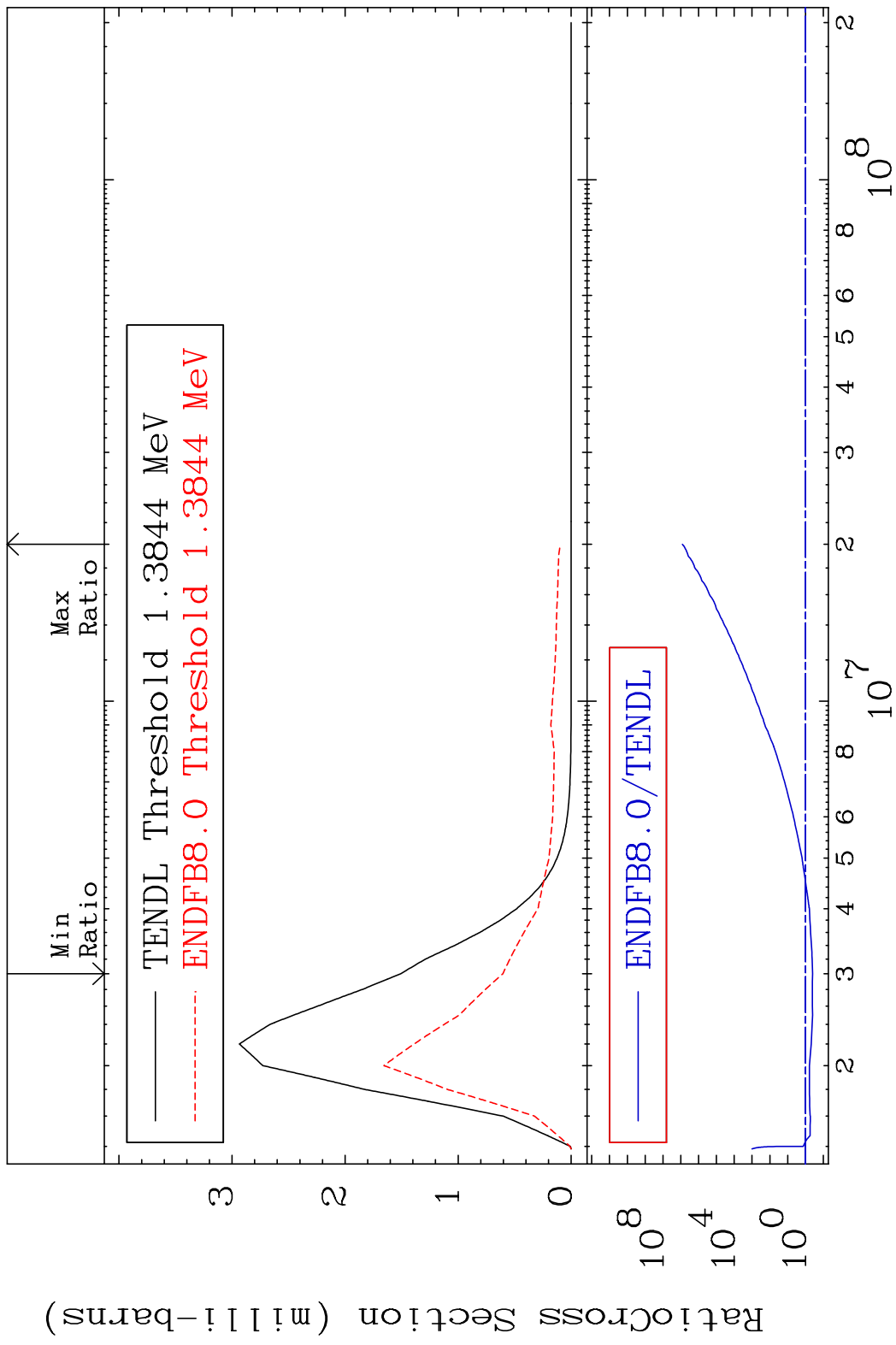
MAT 6837 MT= 59 (n,n') Level 68-Er-166
 Cross Section -100.0 To 204.5 %



MAT 6837 MT= 60 (n, n') Level 68-Er-166
 Cross Section -100.0 To 187.8 %

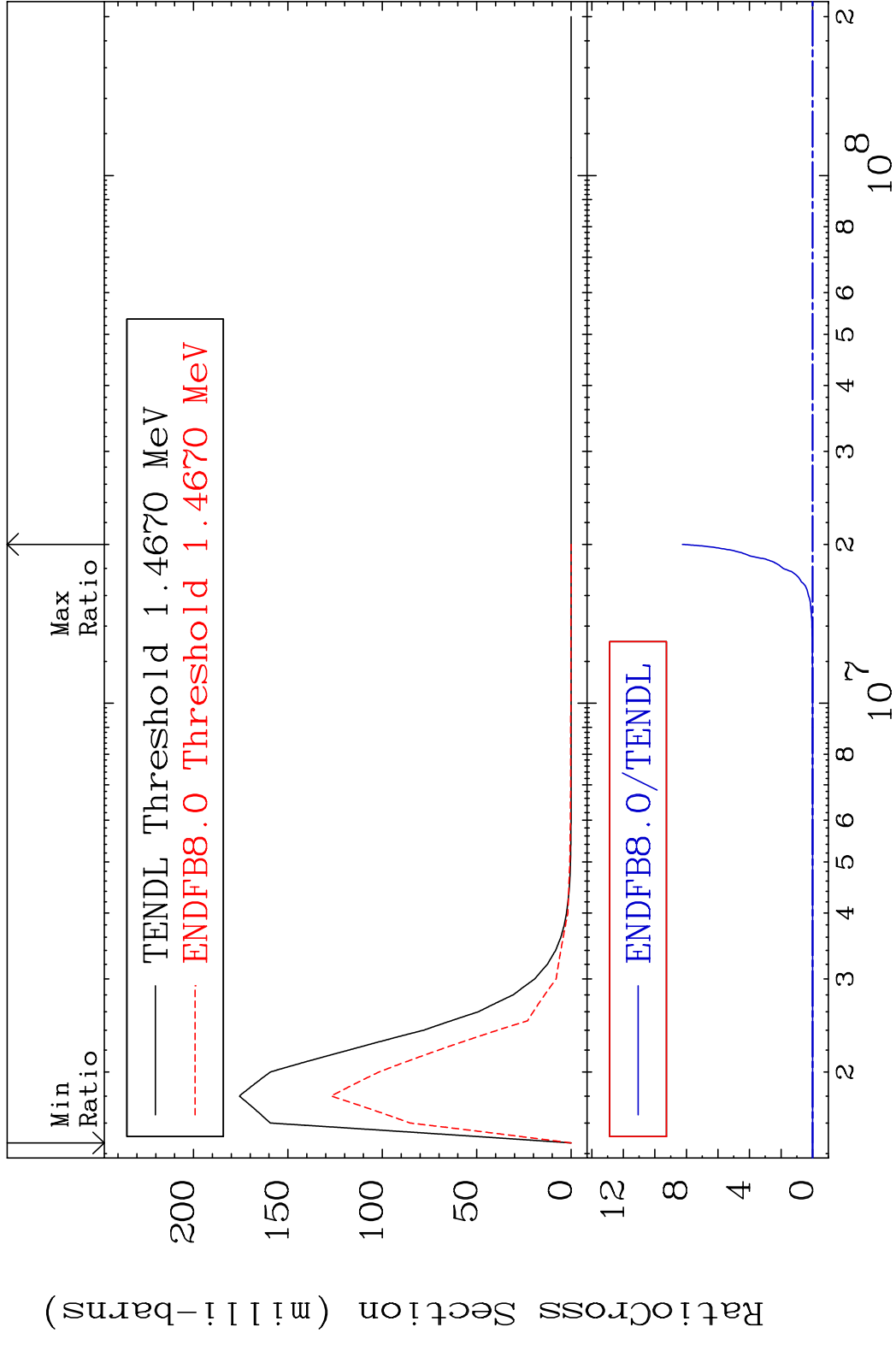


MAT 6837 MT= 61 (n, n') Level 68-Er-166
 Cross Section -59.87 To 9999. %

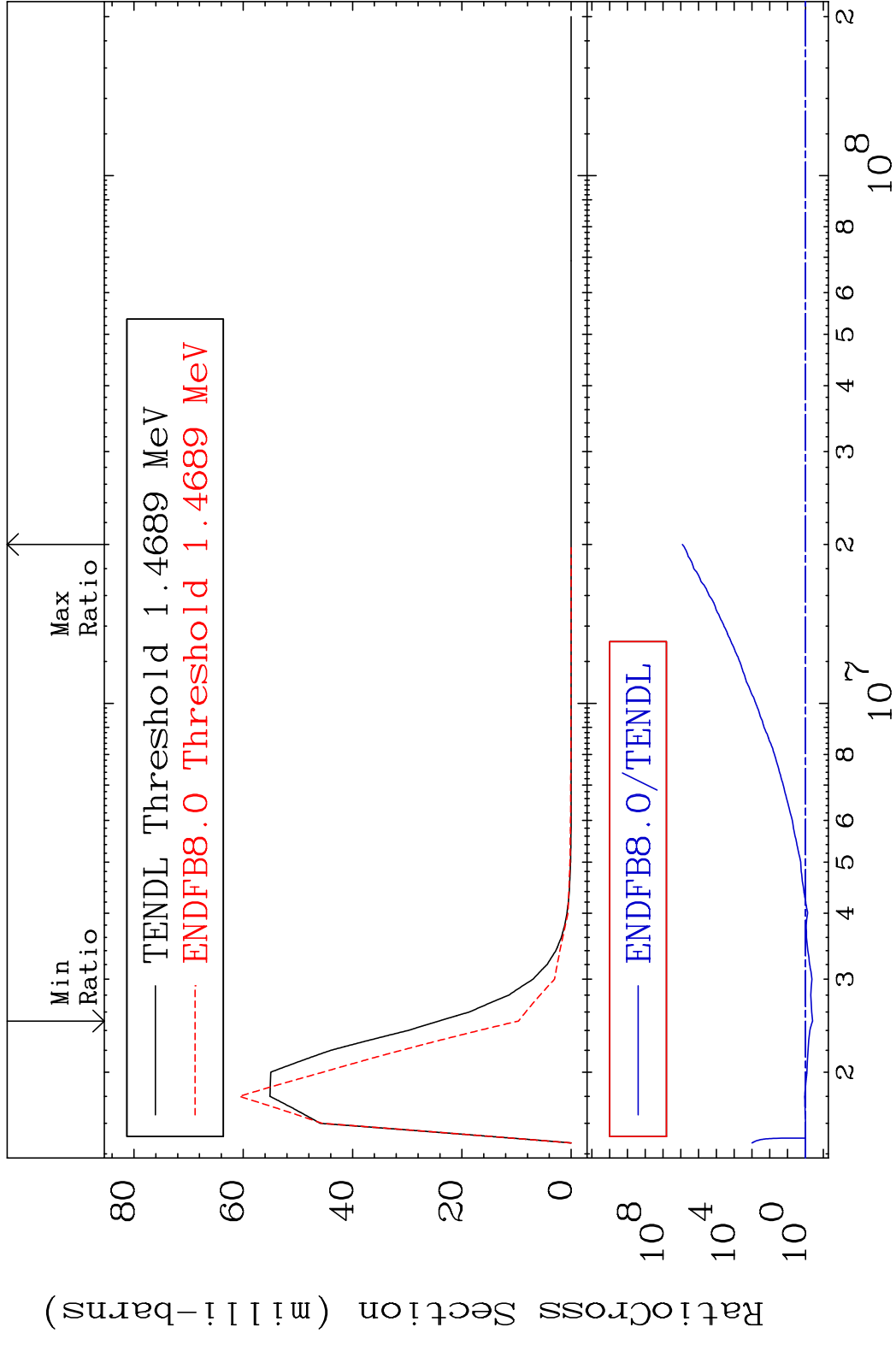


19 Incident Energy (eV) 68-Er-166

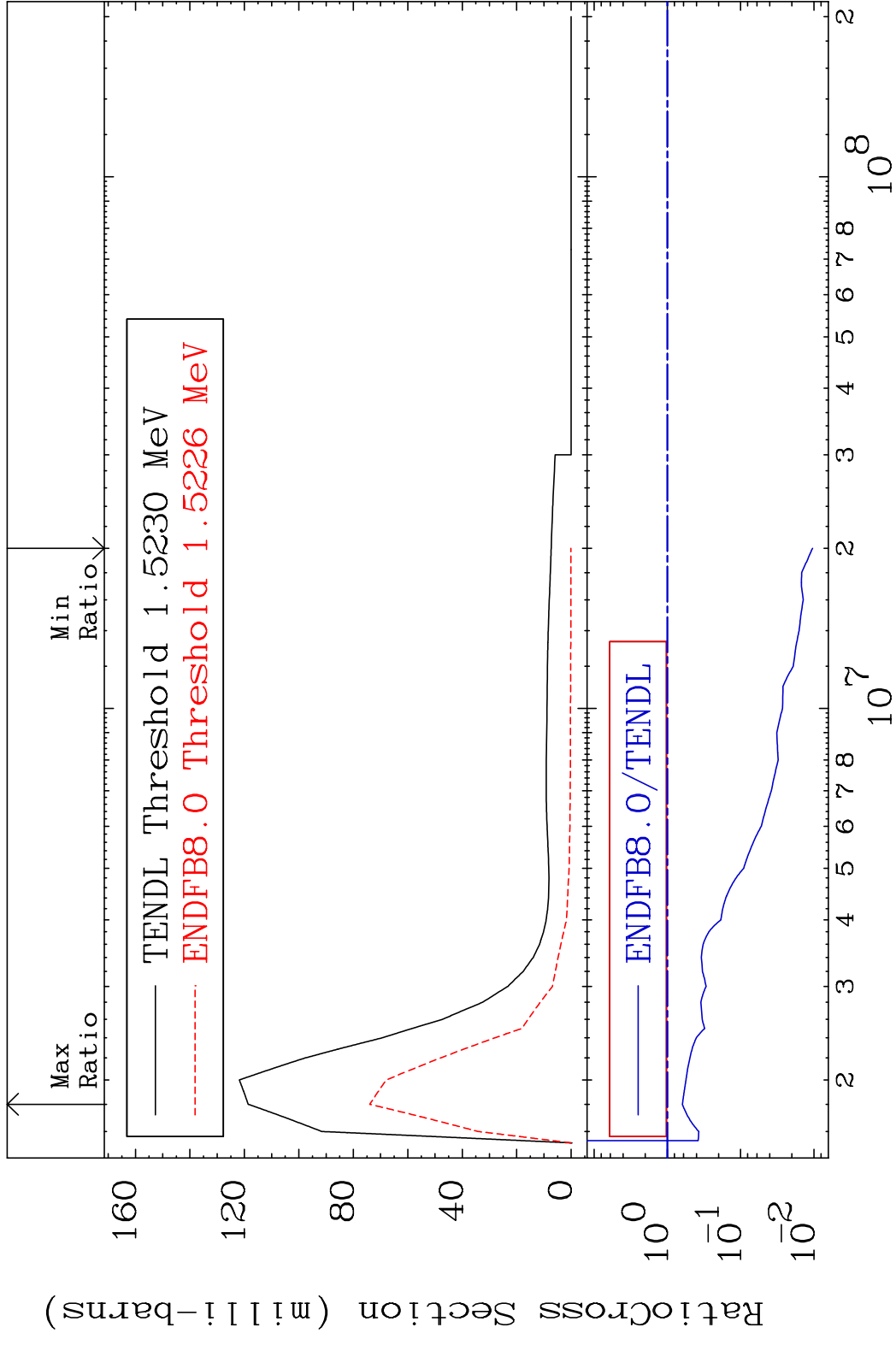
MAT 6837 MT= 62 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %



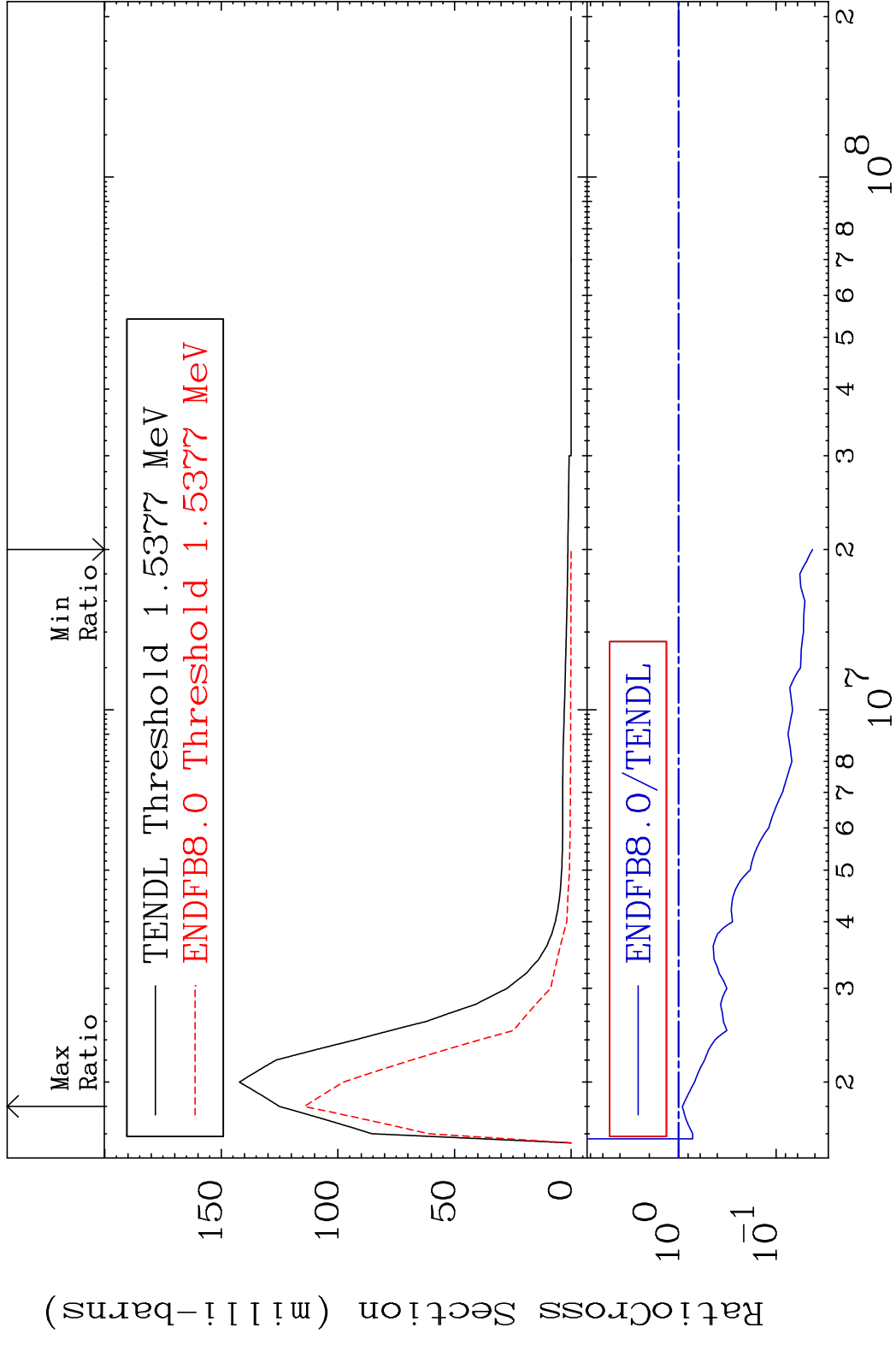
MAT 6837 MT= 63 (n, n') Level 68-Er-166
 Cross Section -60.20 To 9999. %



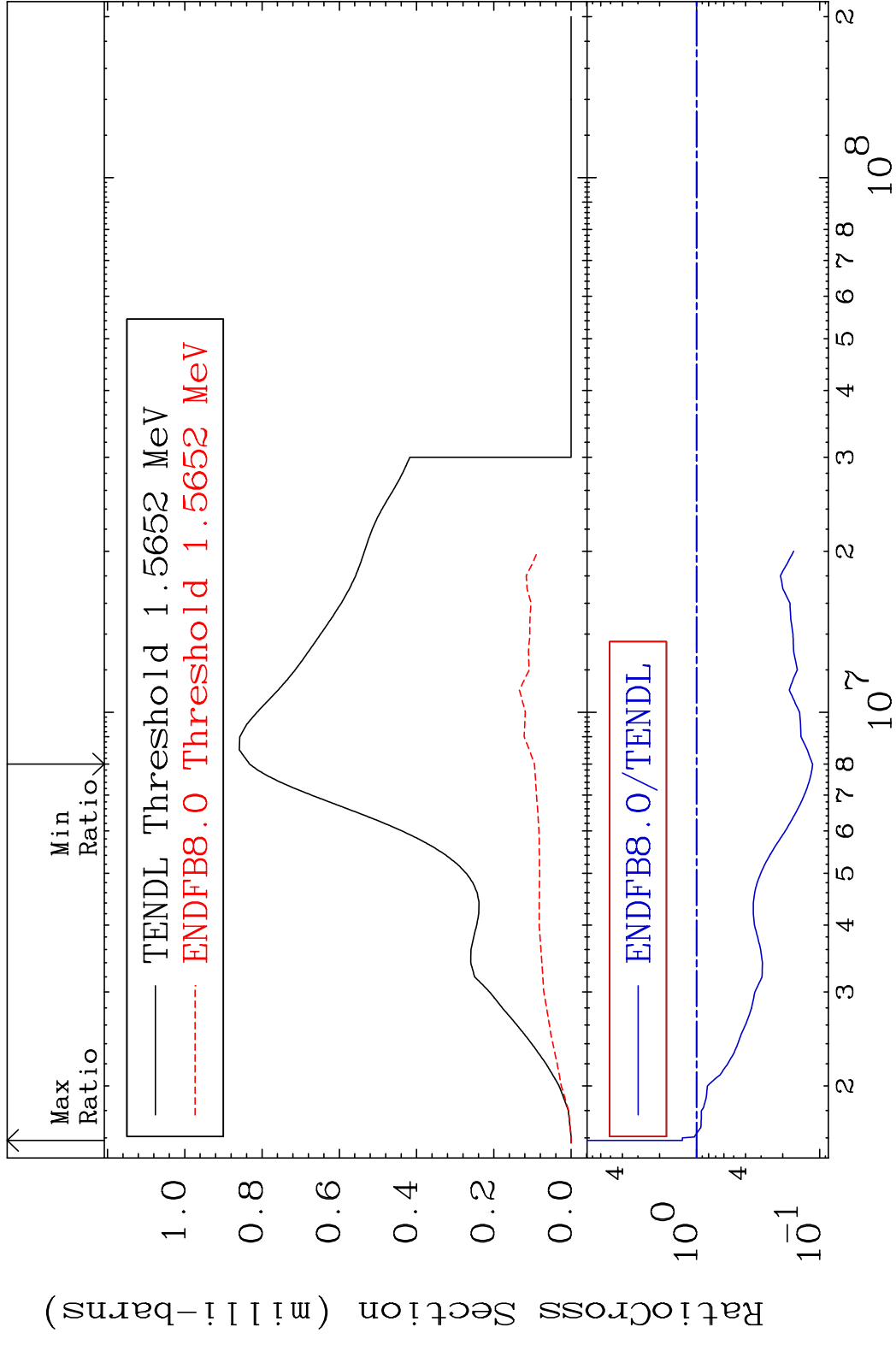
MAT 6837 MT= 64 (n, n') Level 68-Er-166
 Cross Section -98.96 To -37.64%



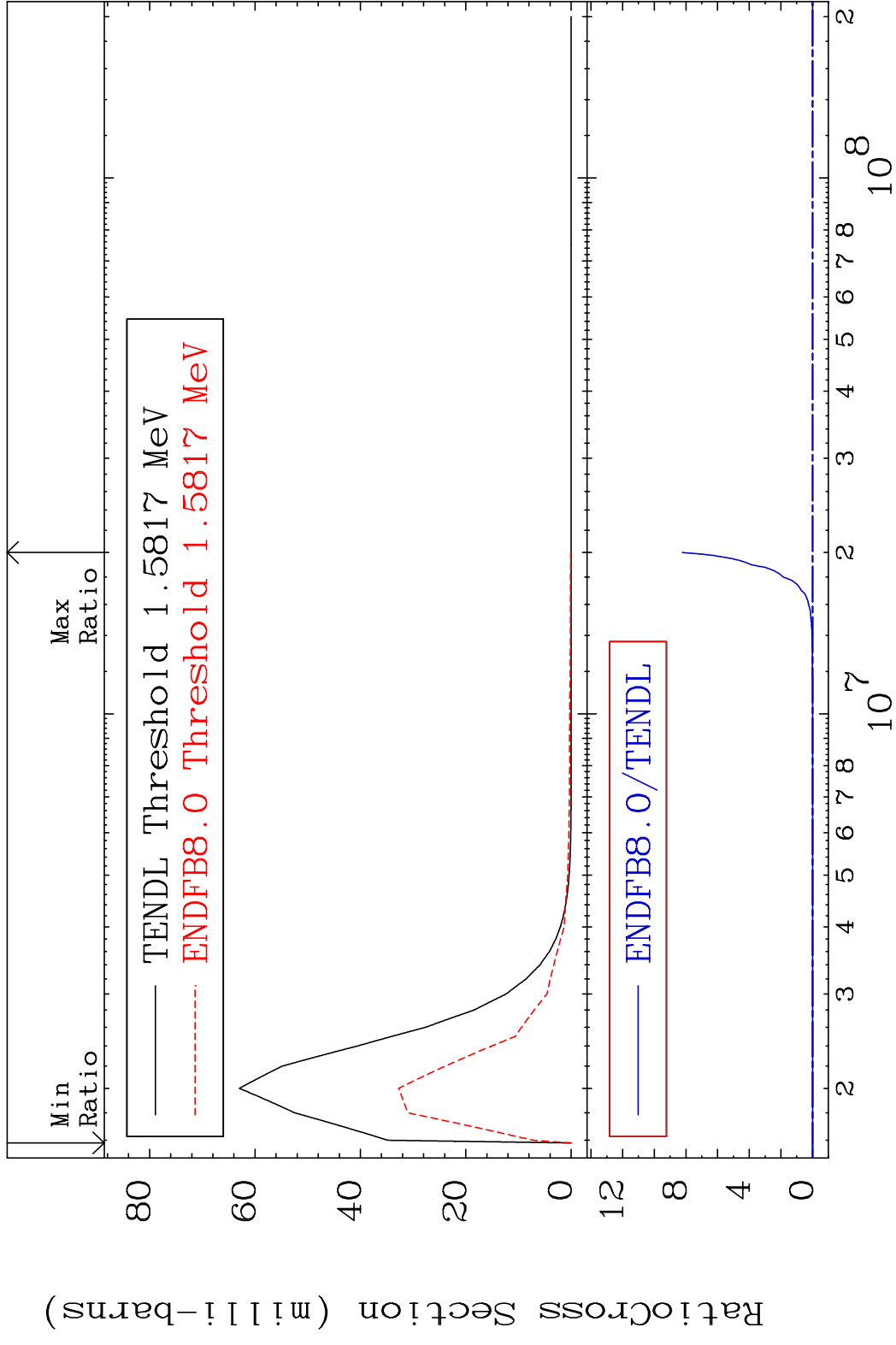
MAT 6837 MT= 65 (n,n') Level 68-Er-166
 Cross Section -95.78 To -8.494%



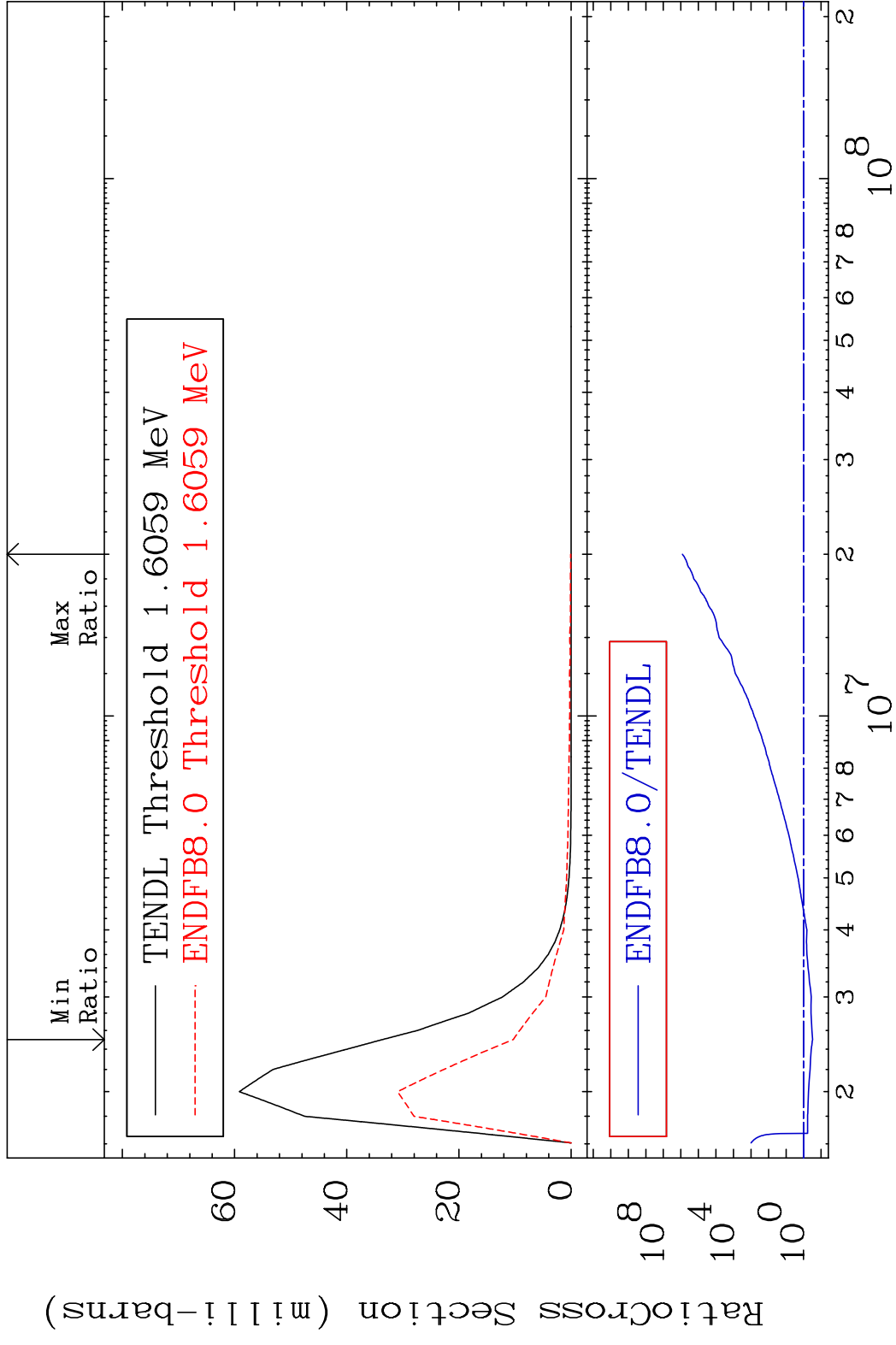
MAT 6837 MT= 66 (n, n') Level 68-Er-166
 Cross Section -88.57 To 30.49 %



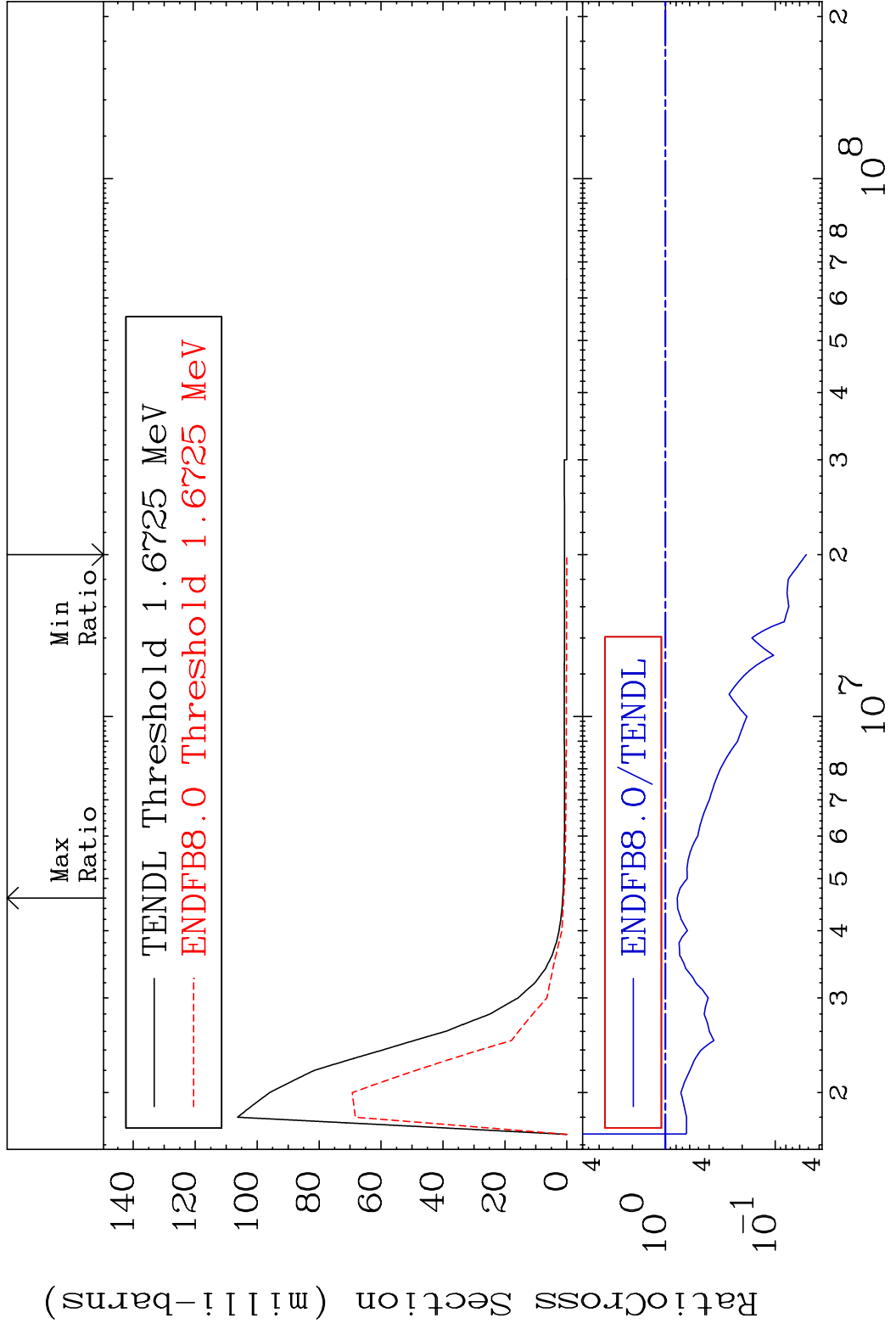
MAT 6837 MT= 67 (n, n') Level 68-Er-166
 Cross Section -100.0 To 9999. %



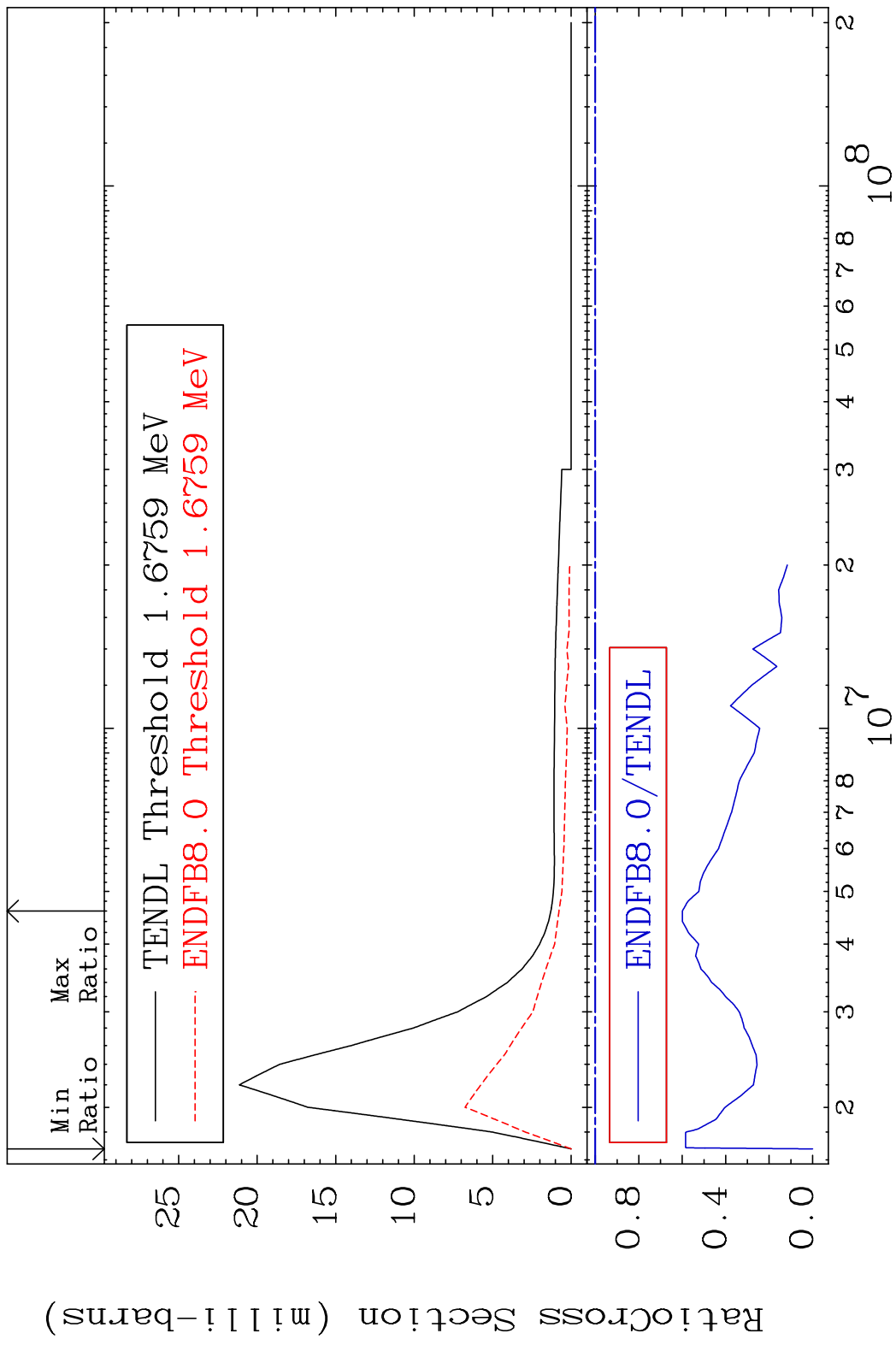
MAT 6837 MT= 68 (n, n') Level 68-Er-166
 Cross Section -69.26 To 9999. %



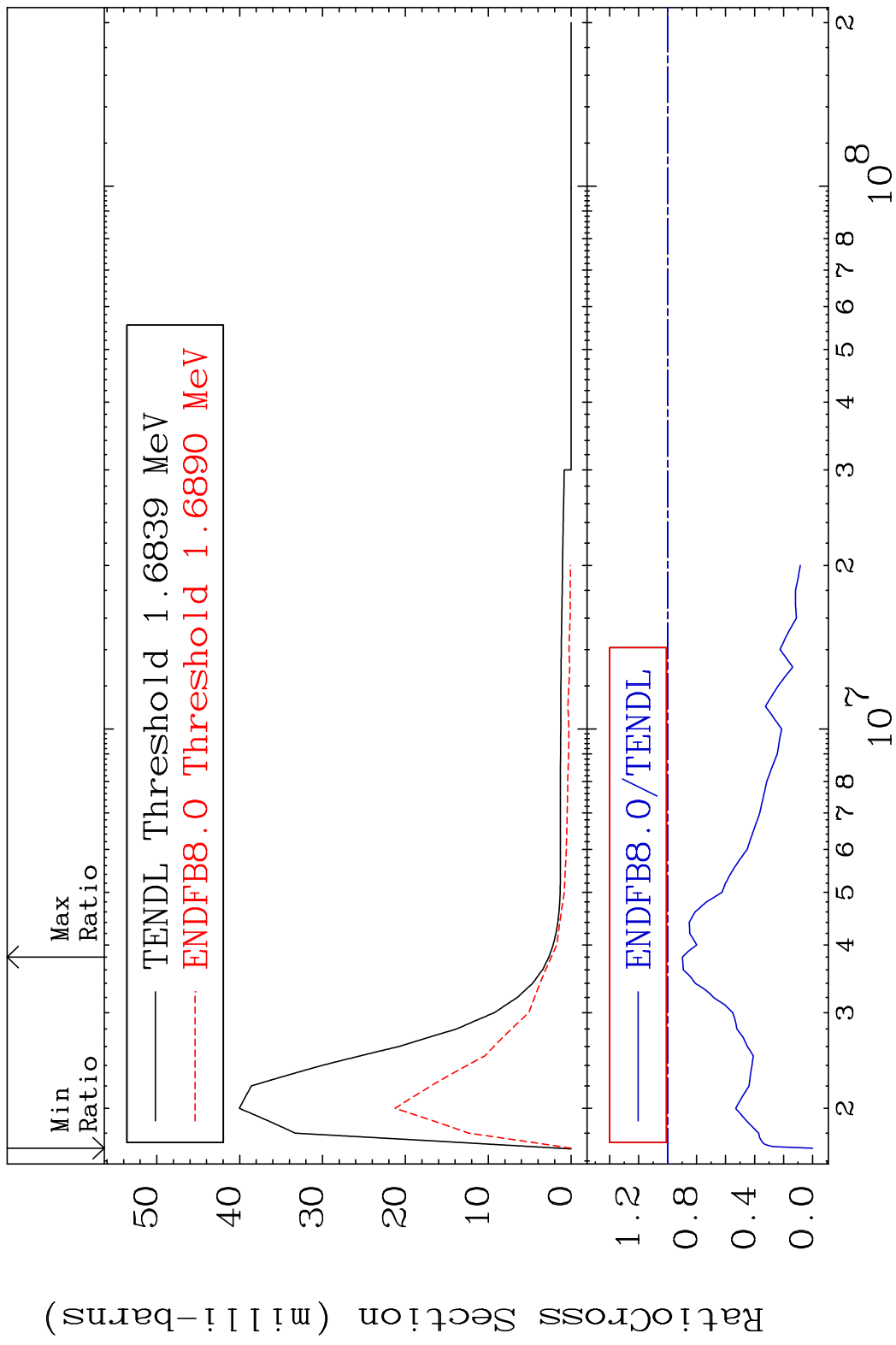
MAT 6837 MT= 69 (n, n') Level 68-Er-166
 Cross Section -94.79 To -21.90%



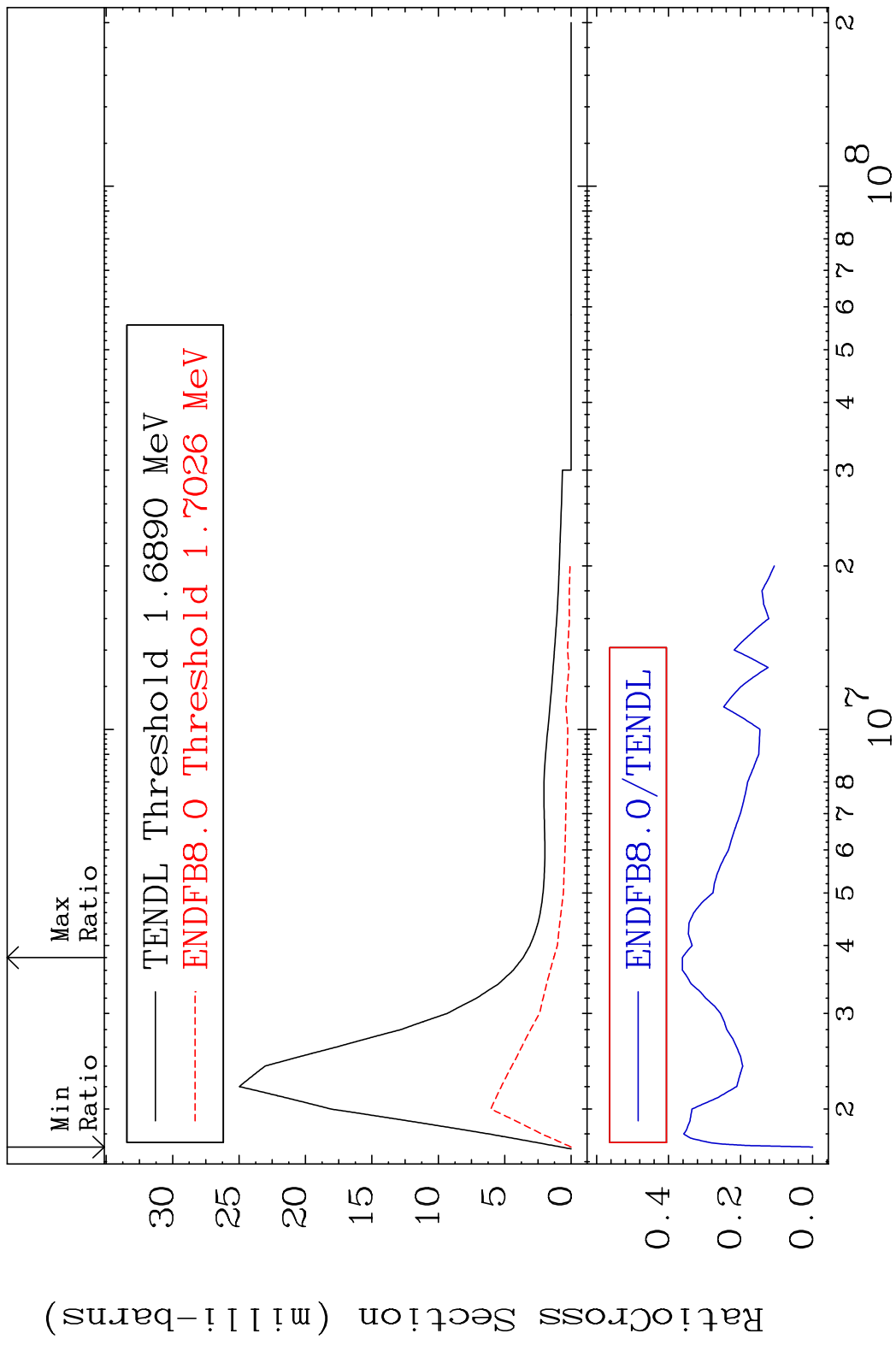
MAT 6837 MT= 70 (n, n') Level 68-Er-166
 Cross Section -100.0 To -40.06%



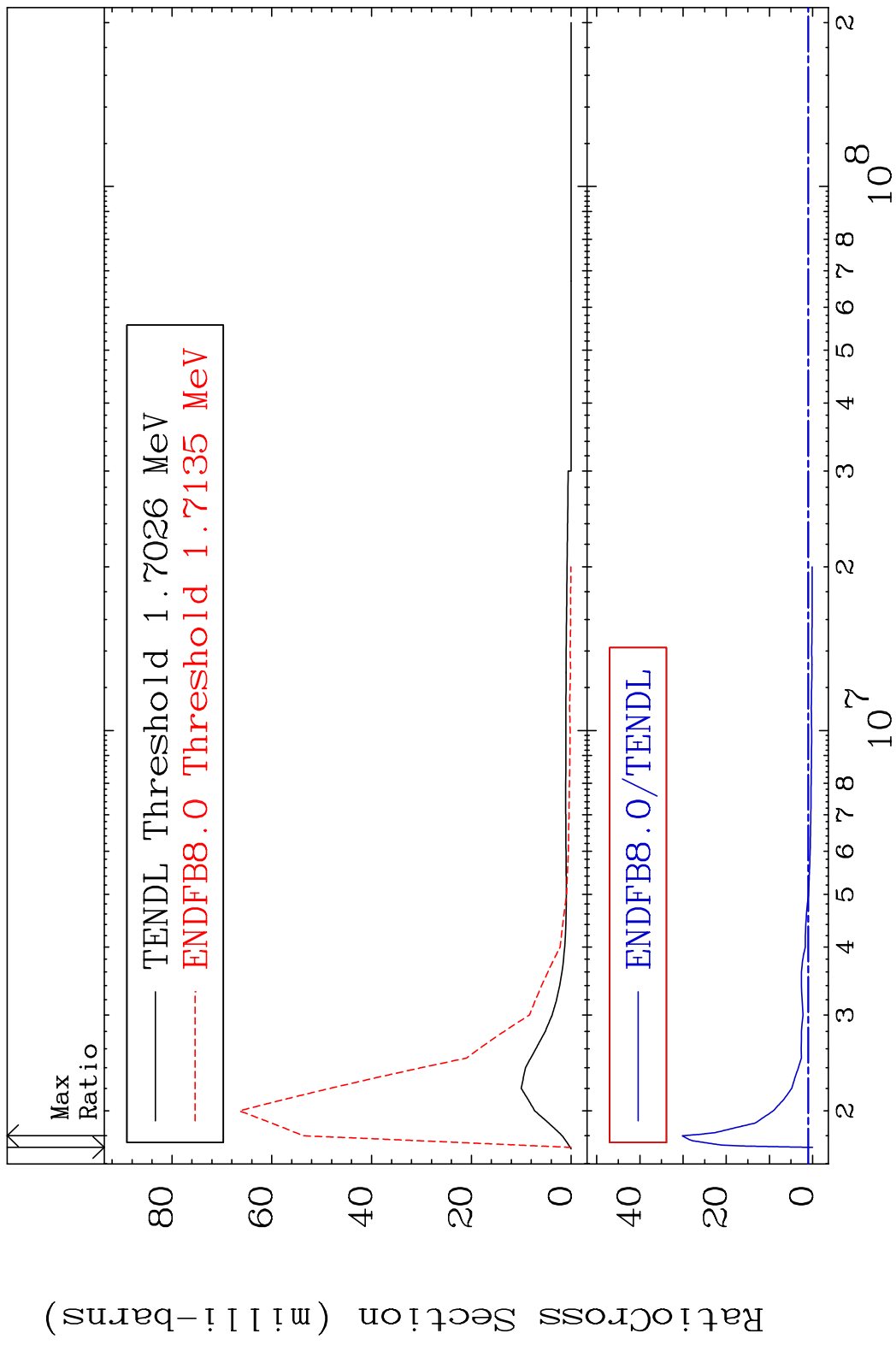
MAT 6837 MT= 71 (n, n') Level 68-Er-166
 Cross Section -100.0 To -10.16%



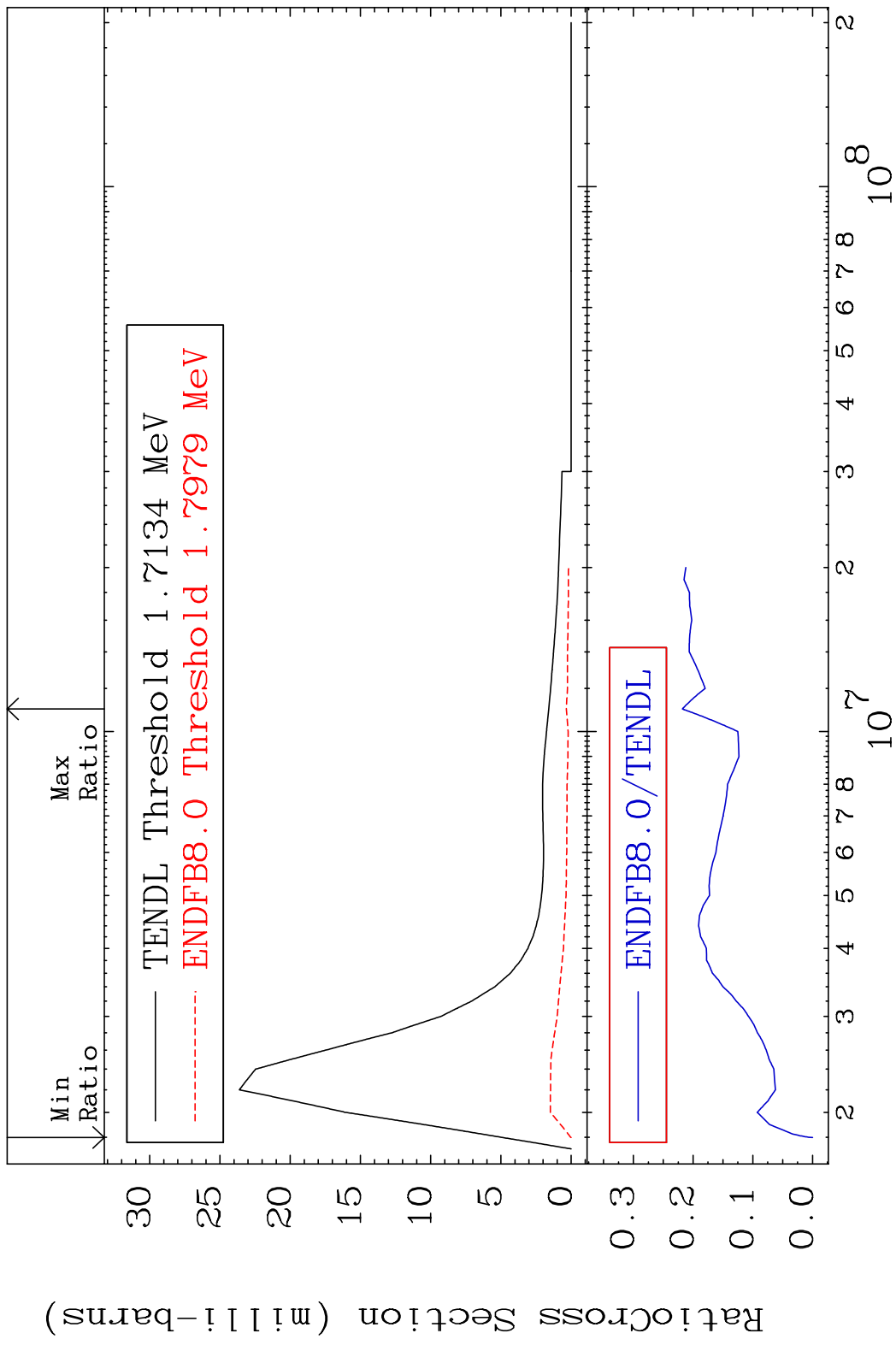
MAT 6837 MT= 72 (n, n') Level 68-Er-166
 Cross Section -100.0 To -63.83%



MAT 6837 MT= 73 (n, n') Level 68-Er-166
 Cross Section -100.0 To 2916. %



MAT 6837 MT= 74 (n,n') Level 68-Er-166
 Cross Section -100.0 To -78.20%



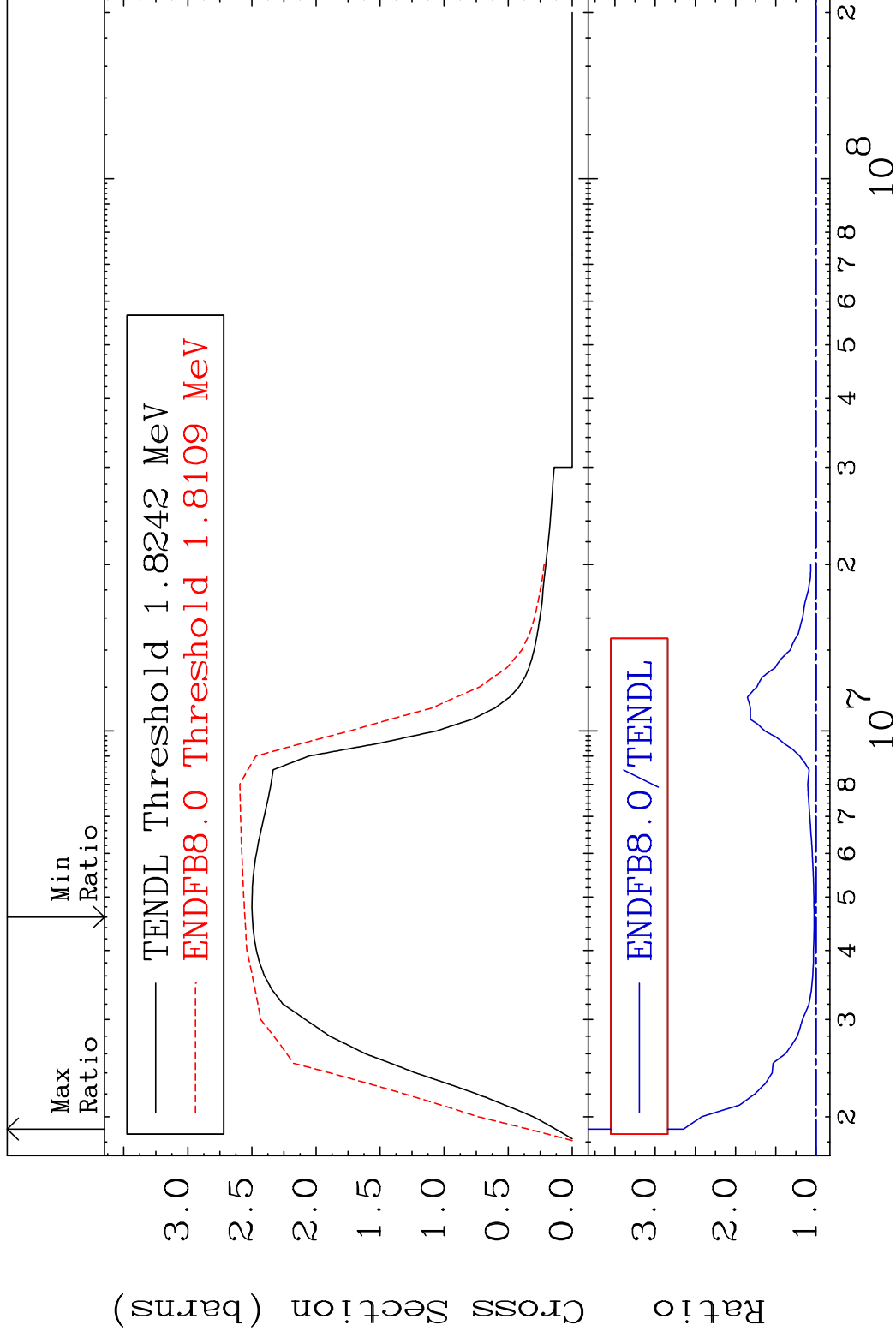
MAT 6837

(n, n') Continuum

68-Er-166

Cross Section 2.287

To 164.6 %



33

Incident Energy (eV)

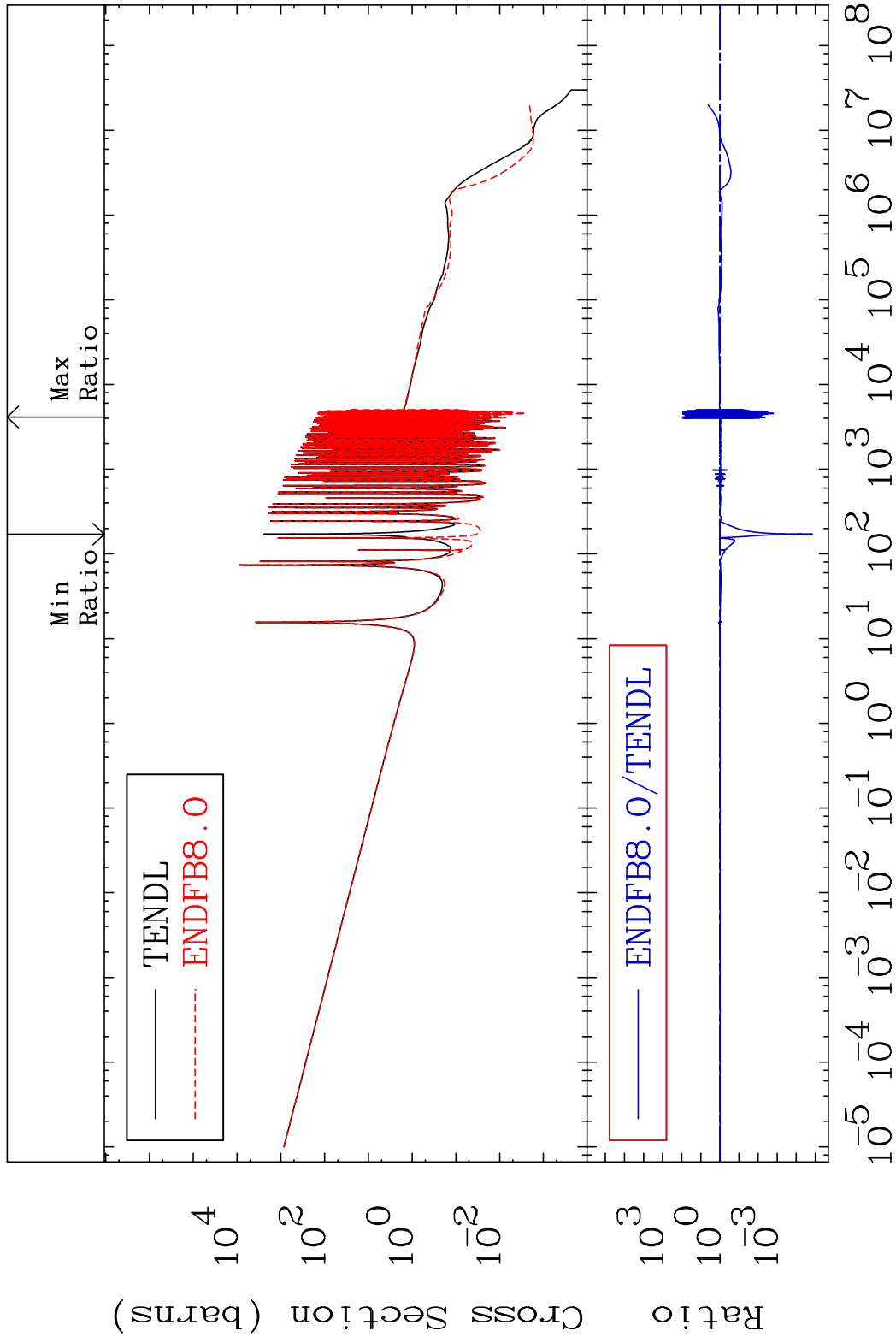
68-Er-166

MAT 6837

(n, γ)

68-Er-166

Cross Section -100.0 To 9189. %

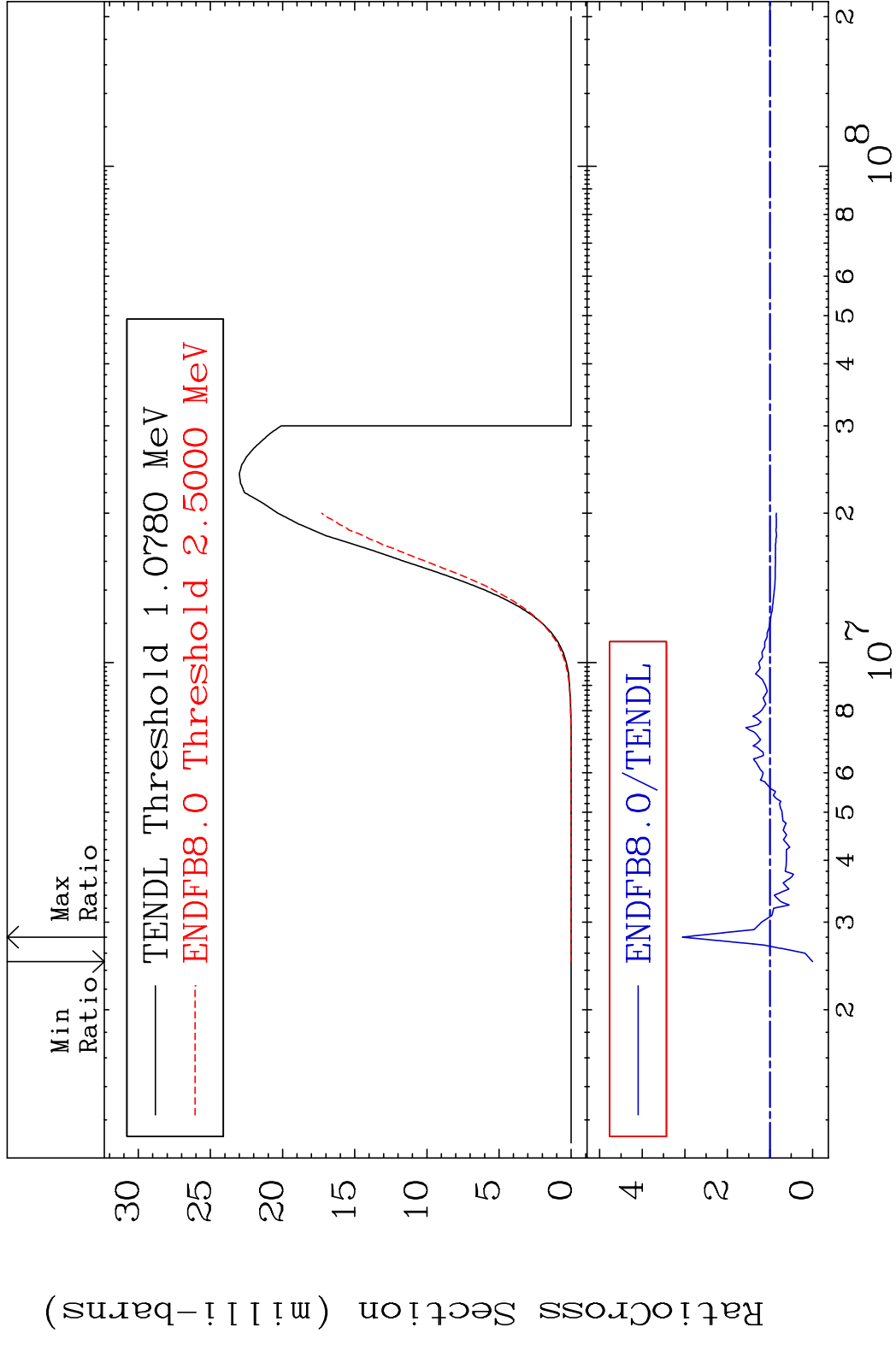


34

Incident Energy (eV)

68-Er-166

MAT 6837 (n,p) 68-Er-166
 Cross Section -100.0 To 205.8 %

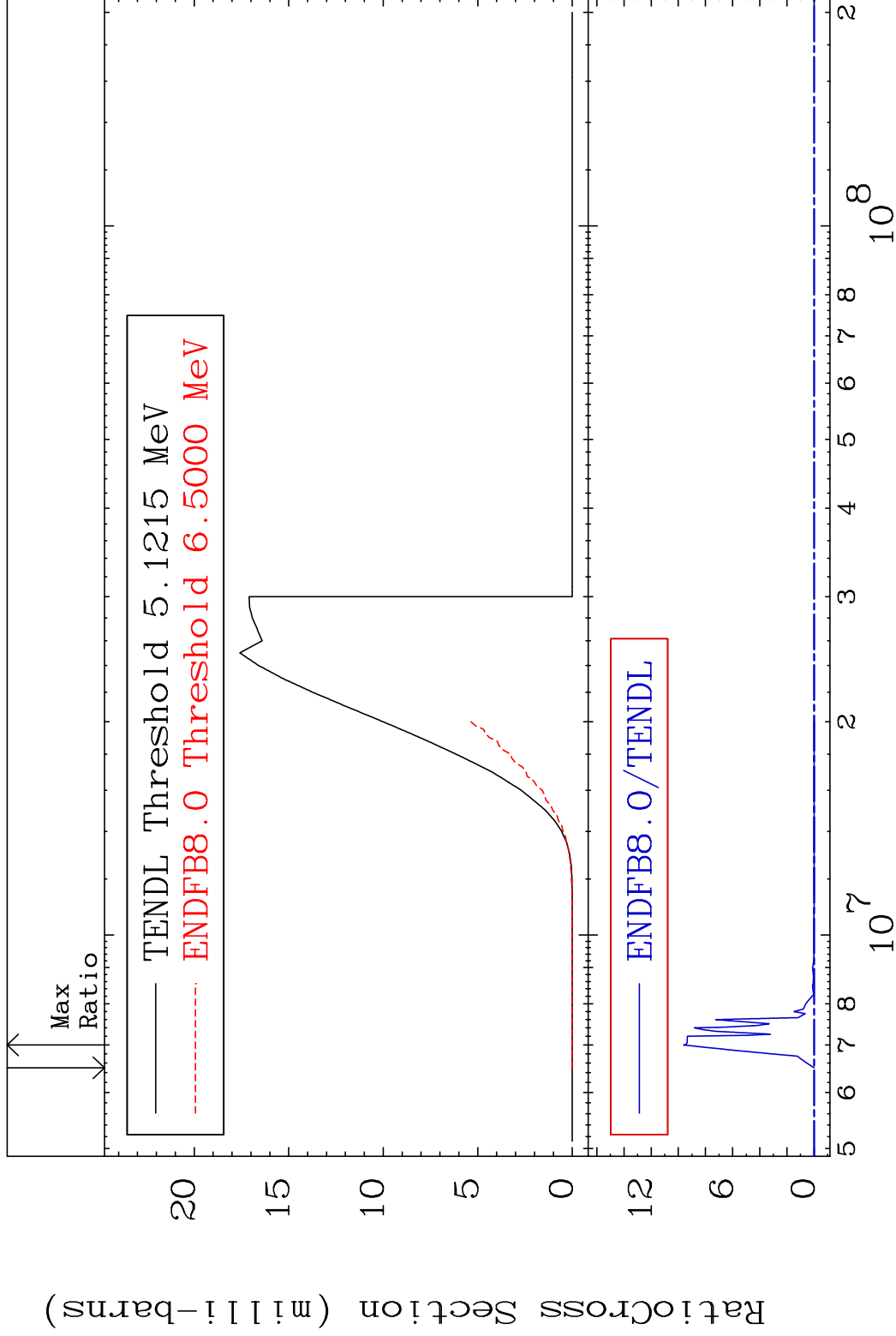


MAT 6837

(n,d)

68-Er-166

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

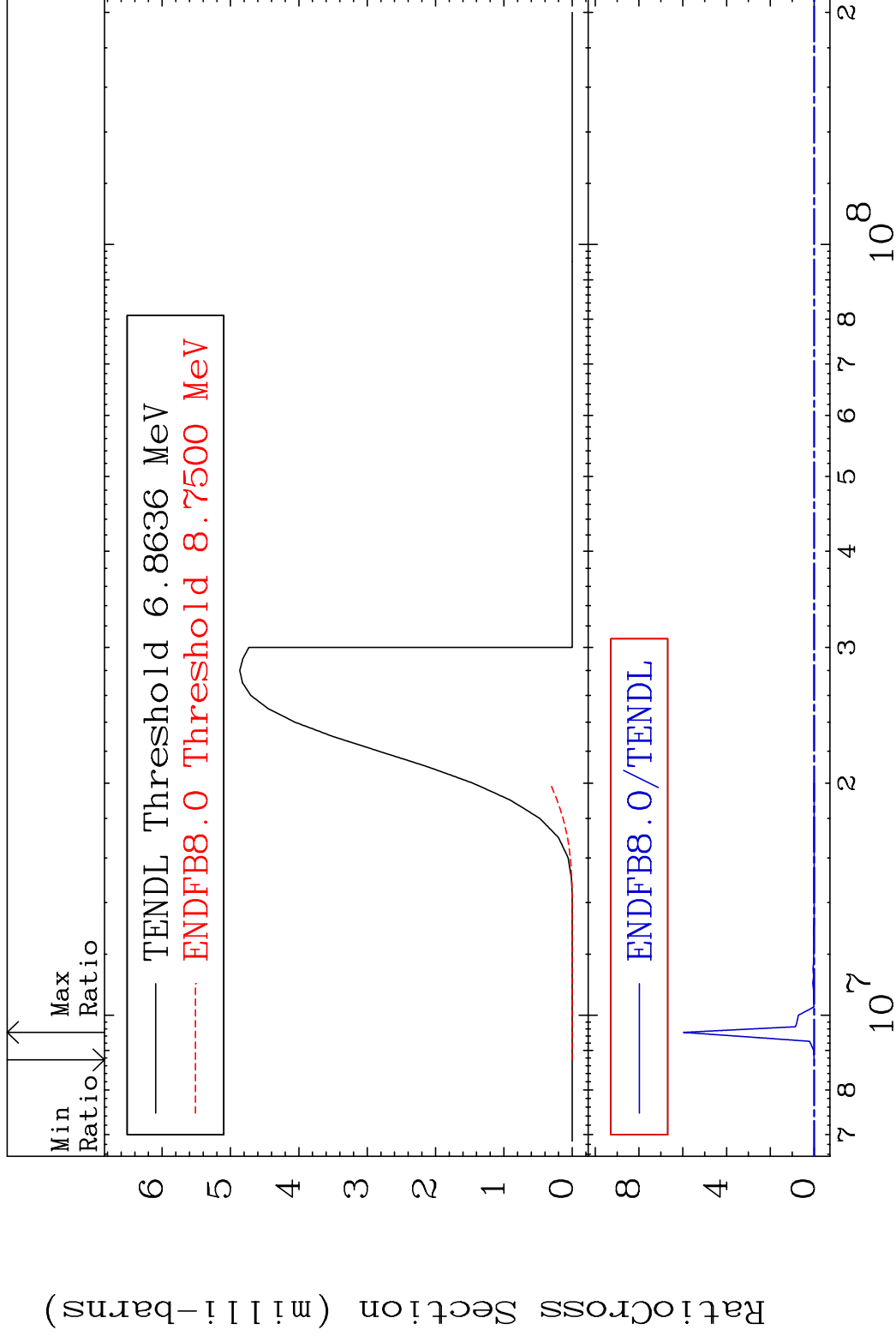
68-Er-166

MAT 6837

(n, t)

68-Er-166

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

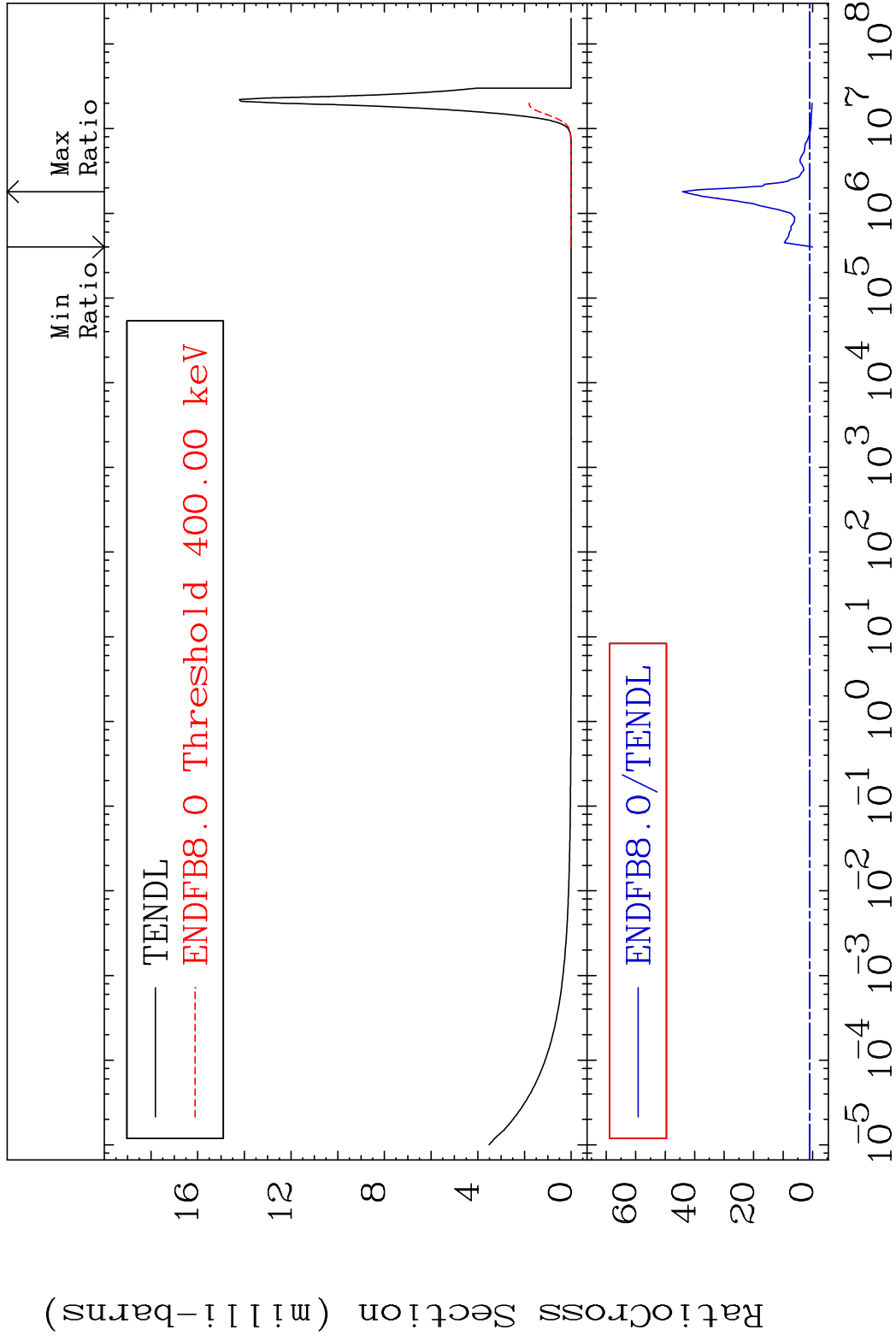
68-Er-166

MAT 6837

(n, α)

68-Er-166

Cross Section -100.0 To 4317. %



38

Incident Energy (eV)

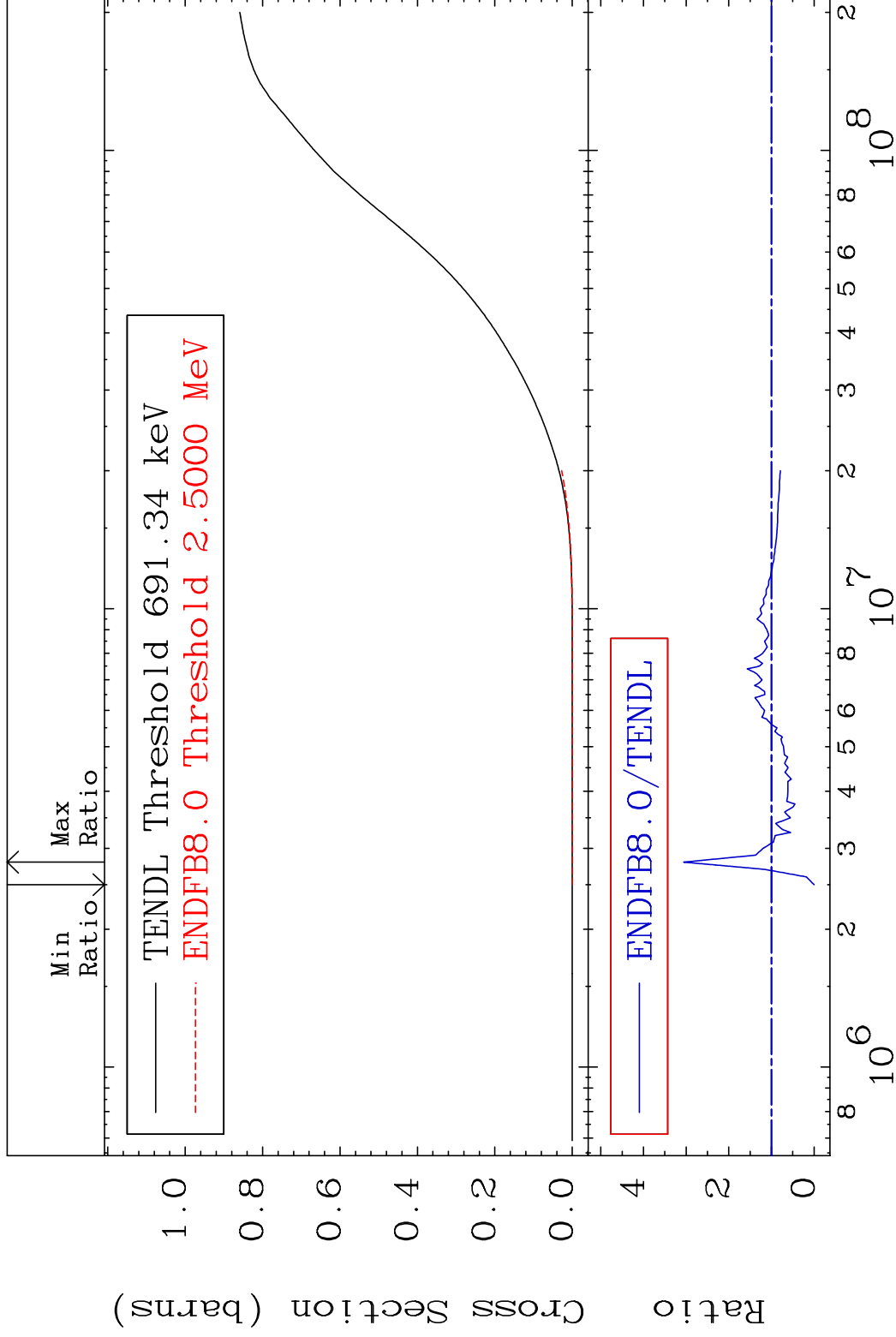
68-Er-166

MAT 6837

Hydrogen Production

68-Er-166

Cross Section -100.0 To 205.8 %



39

Incident Energy (eV)

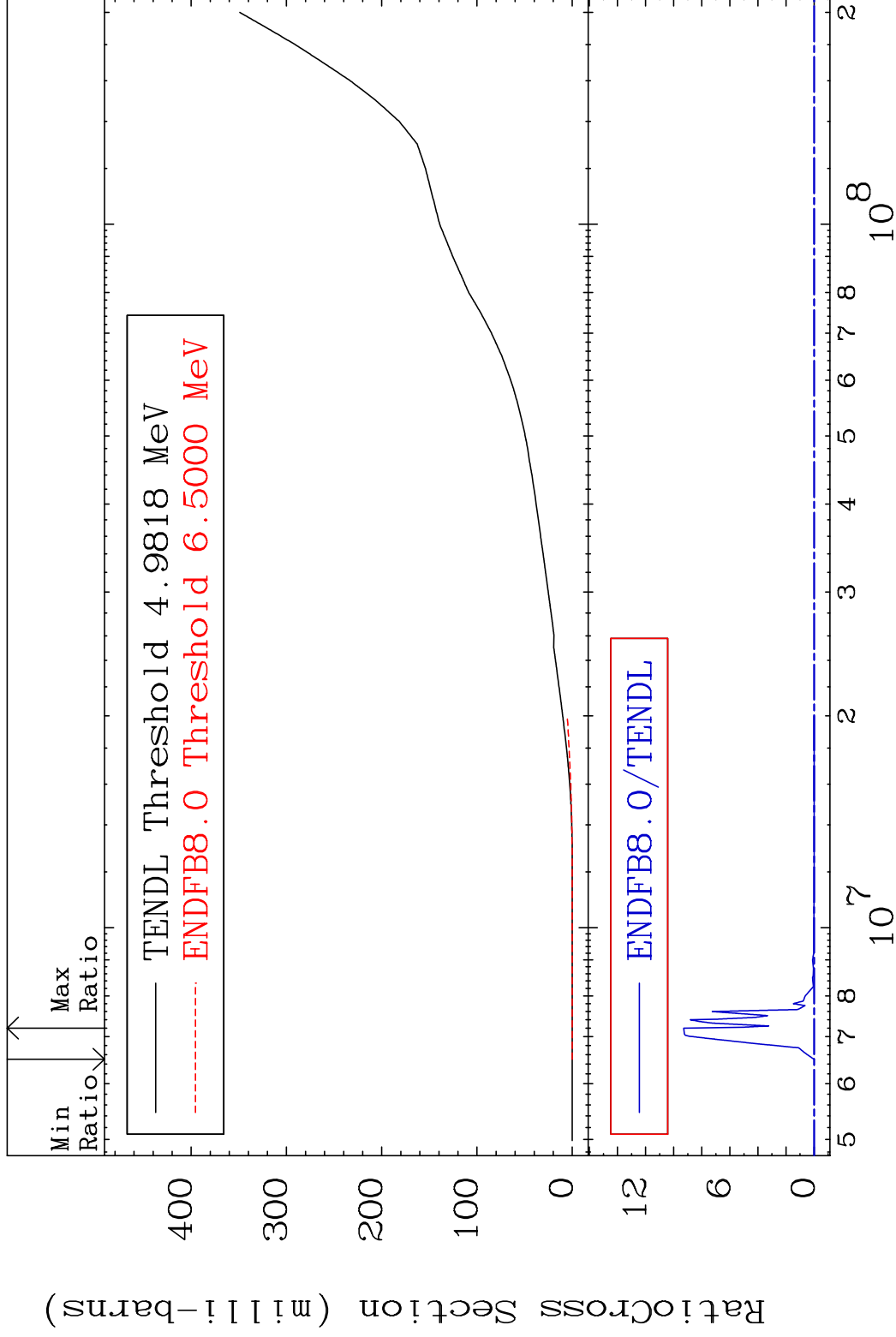
68-Er-166

MAT 6837

Deuterium Production

68-Er-166

Cross Section -100.0 To 9999. %



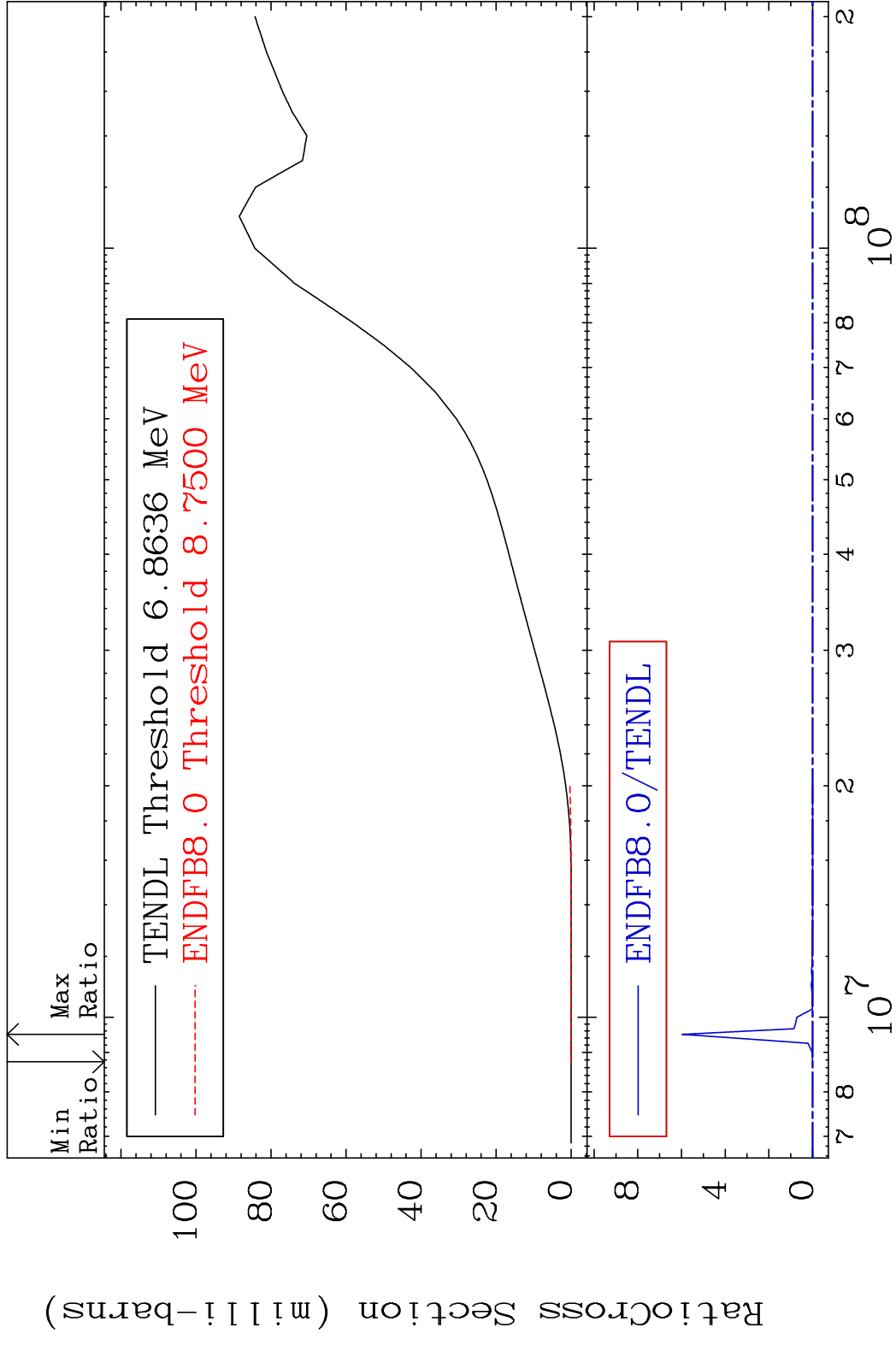
40

Incident Energy (eV)

68-Er-166

MAT 6837

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

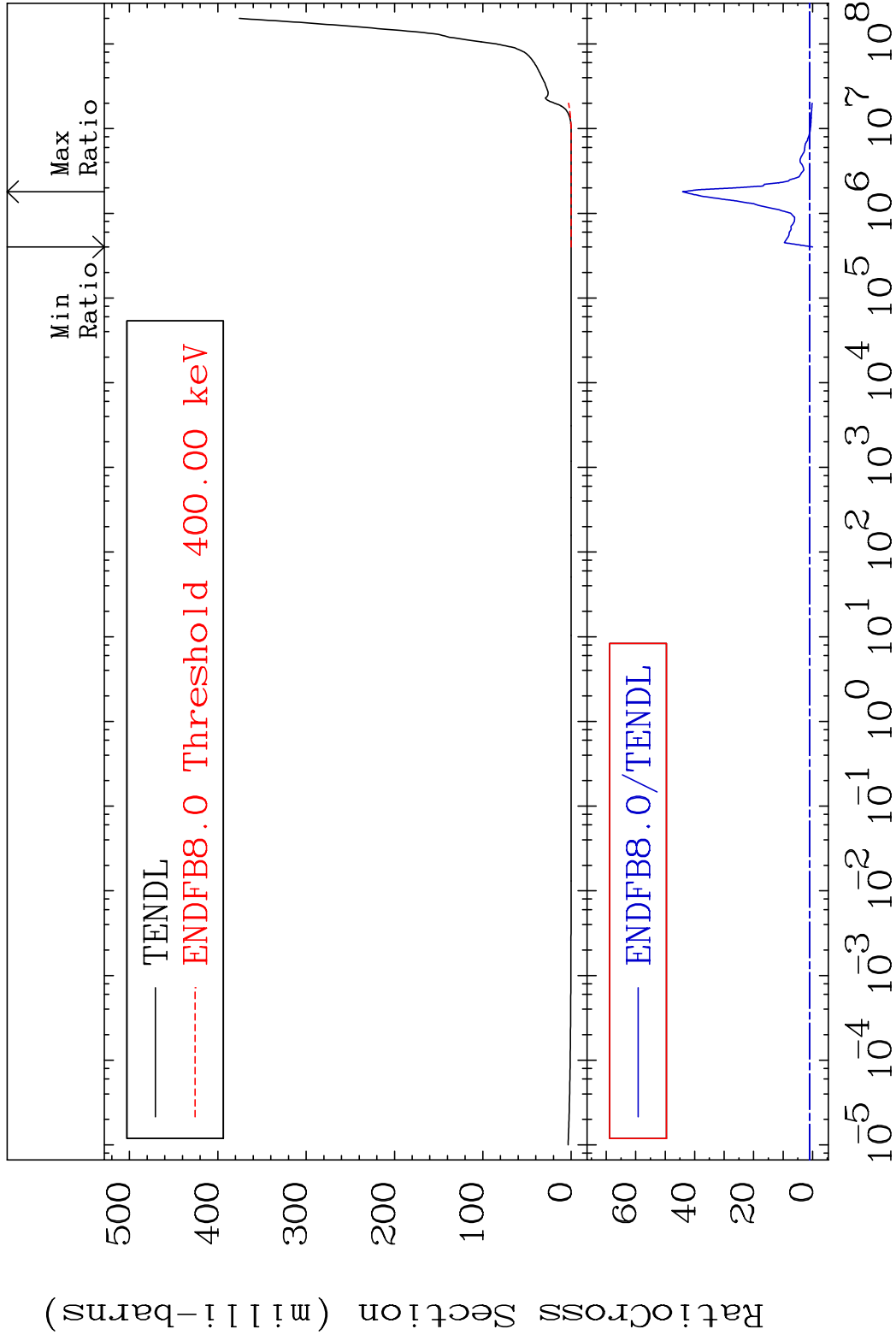


MAT 6837

He-4 Production

68-Er-166

Cross Section -100.0 To 4317. %

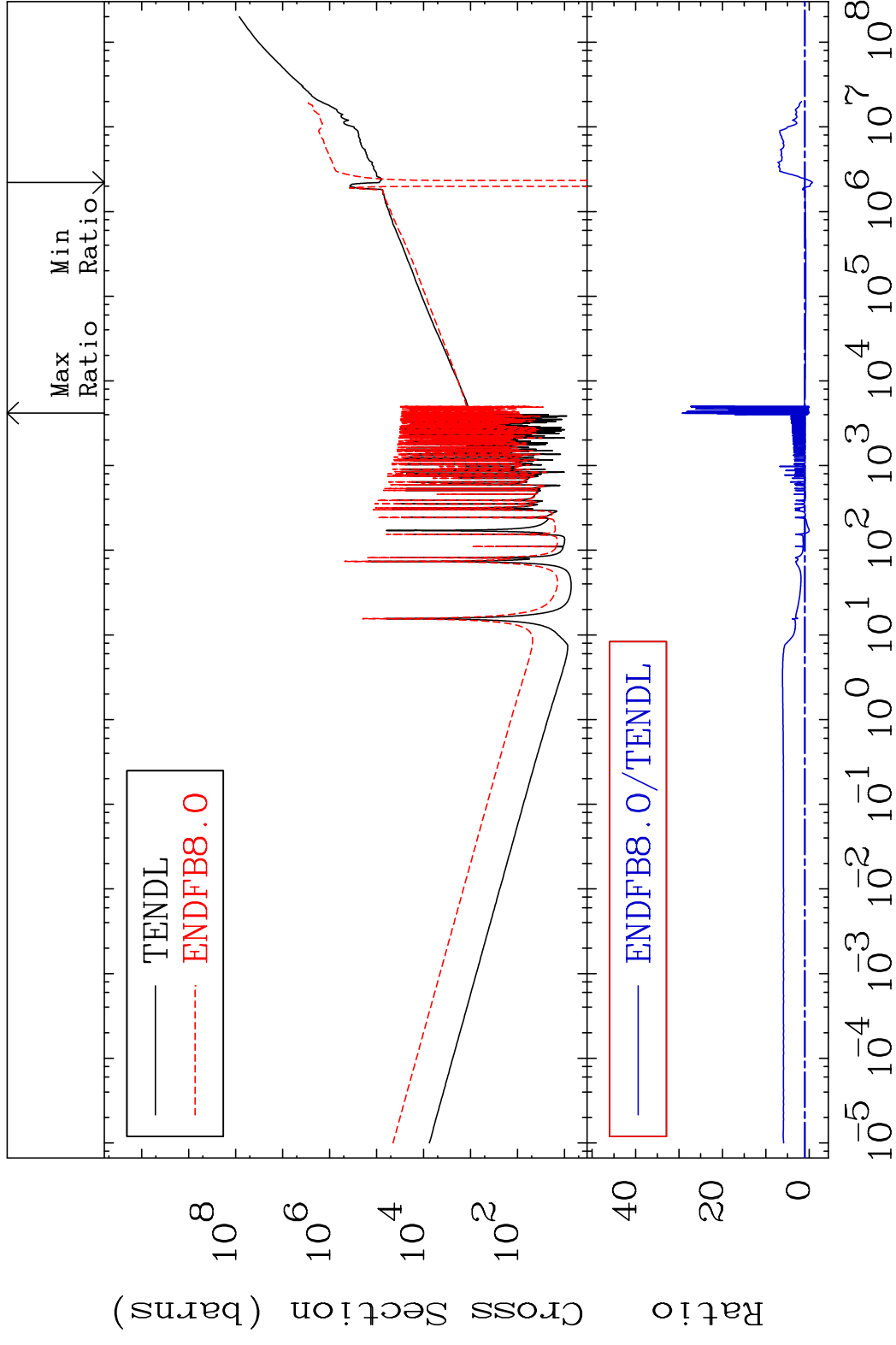


42

Incident Energy (eV)

68-Er-166

MAT 6837 Kerma total (eV-barns) 68-Er-166
 Cross Section -175.2 To 2823. %

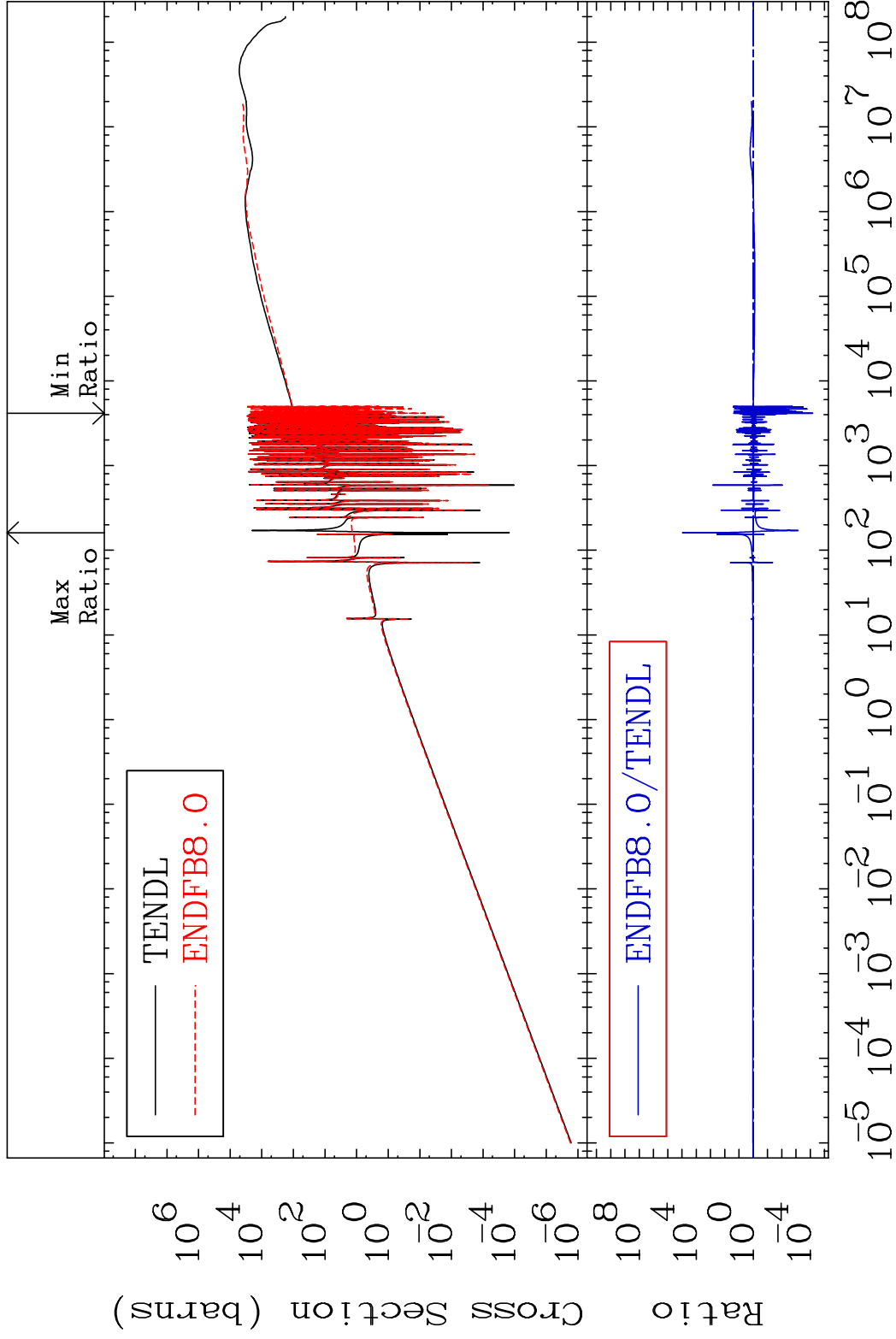


43 Incident Energy (eV) 68-Er-166

MAT 6837

Kerma elastic
Cross Section

68-Er-166
-99.99 To 9999. %

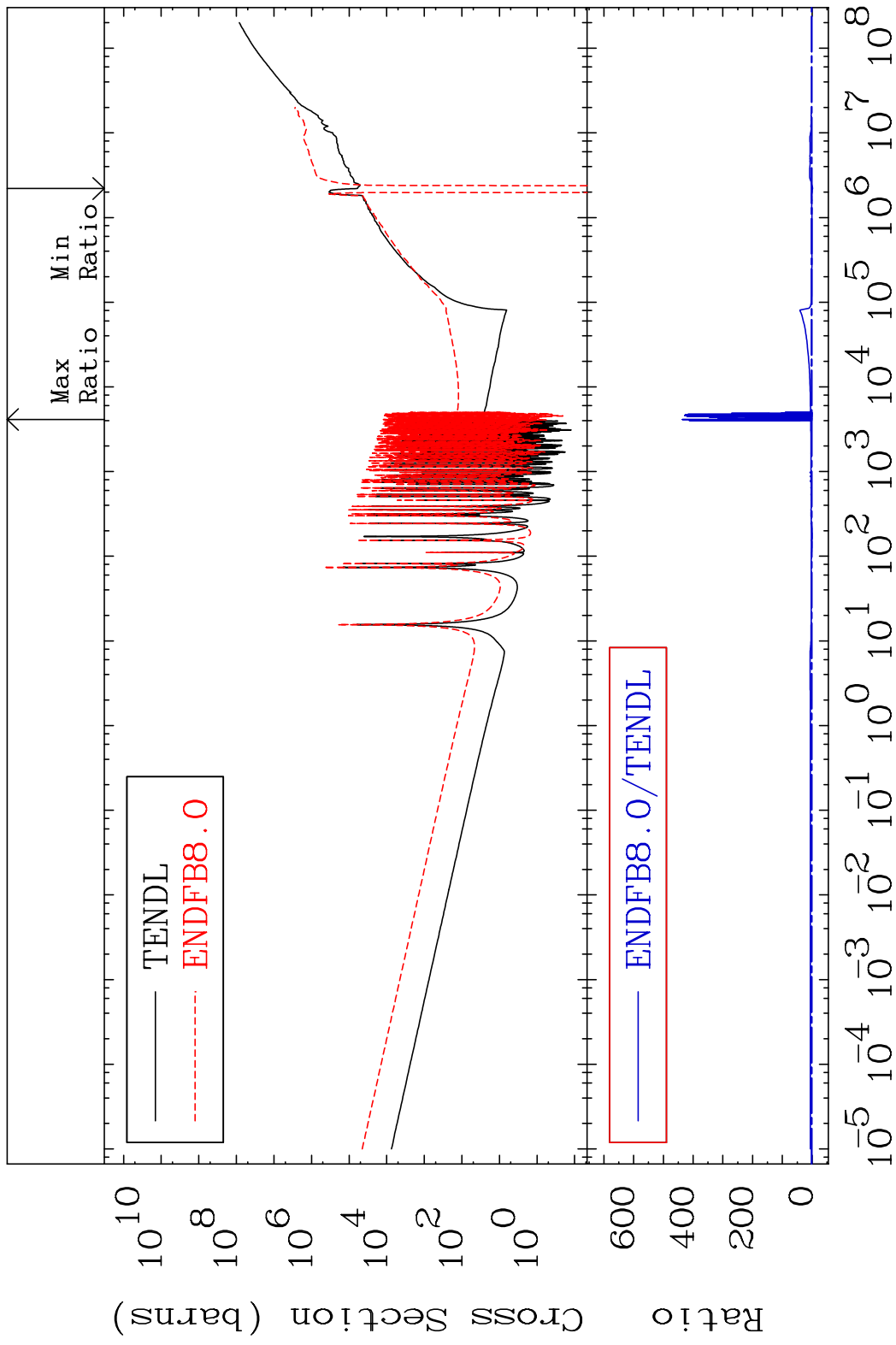


44

Incident Energy (eV)

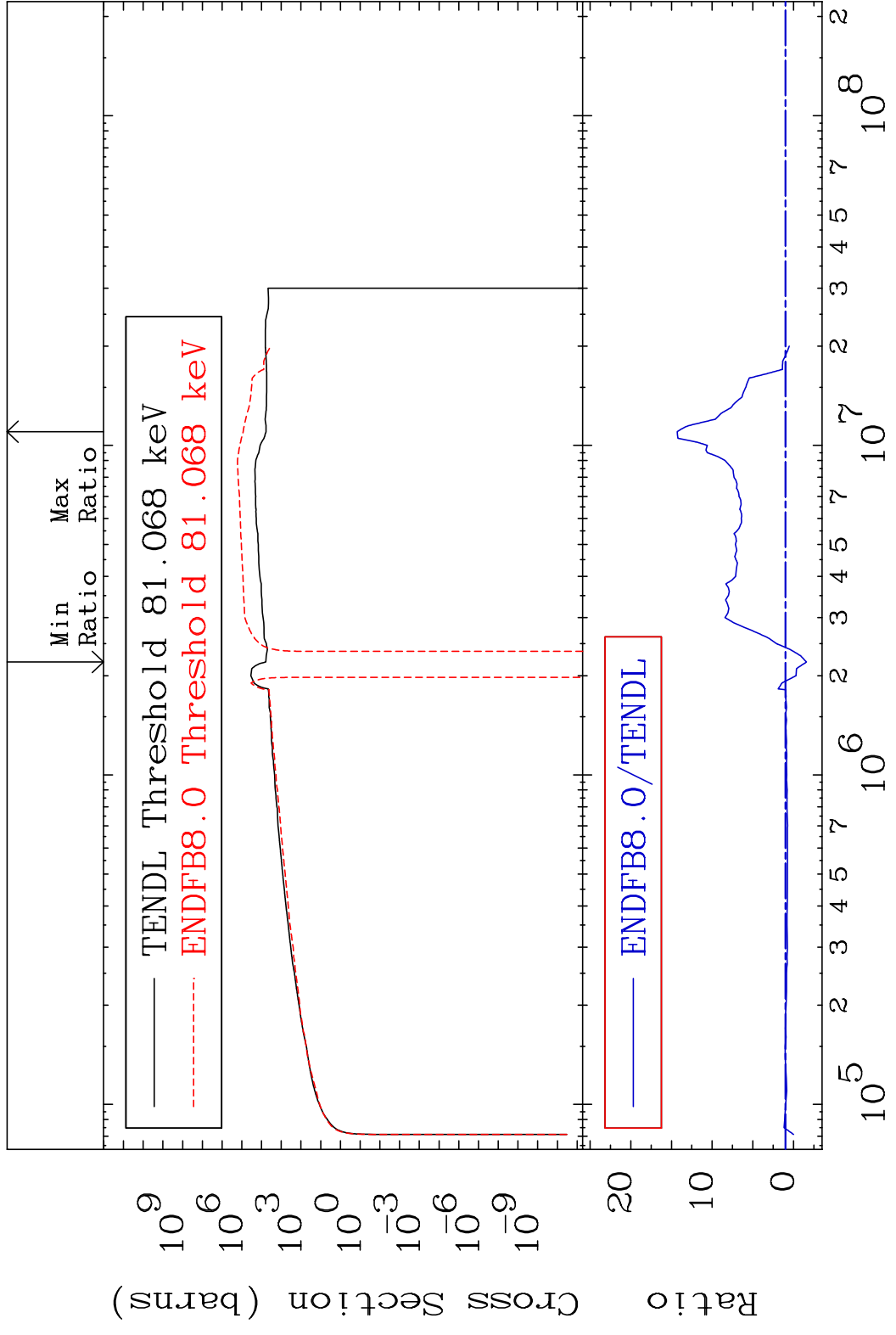
68-Er-166

MAT 6837 Kerma non-elastic (all but mt2) 68-Er-166
 Cross Section -257.0 To 9999. %



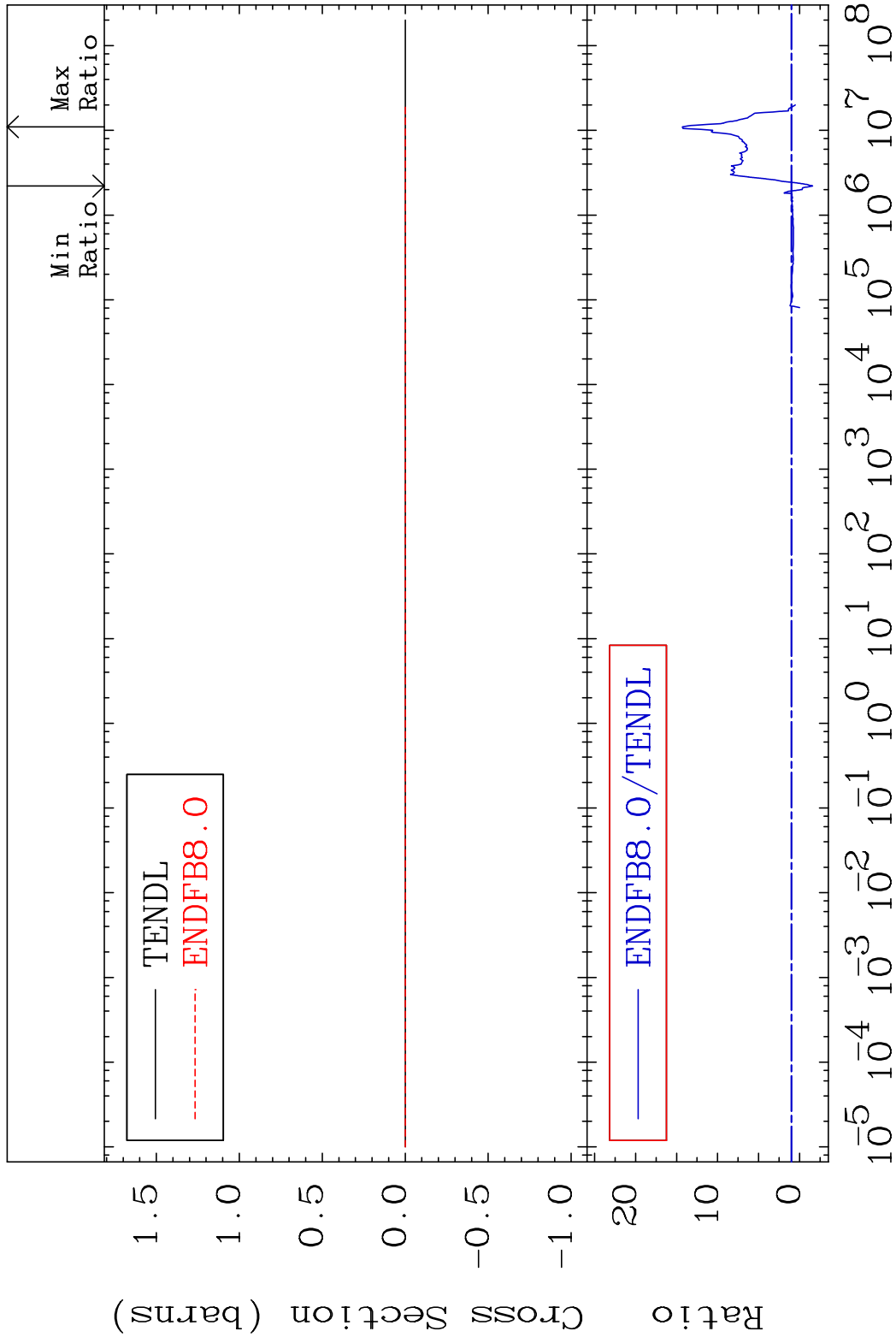
45 Incident Energy (eV) 68-Er-166

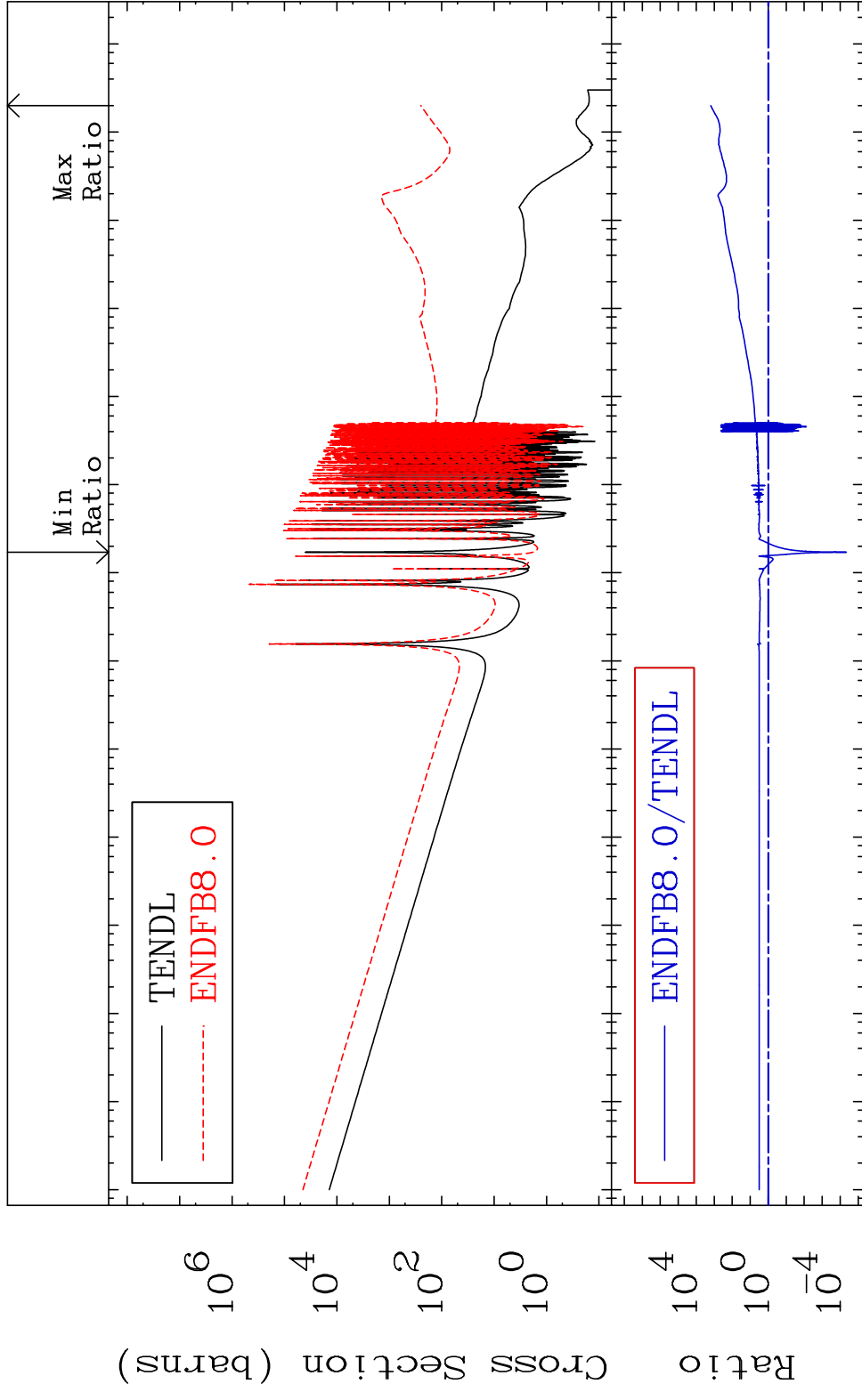
MAT 6837 Kerma inelastic (mt51-91) 68-Er-166
 Cross Section -258.1 To 1330. %



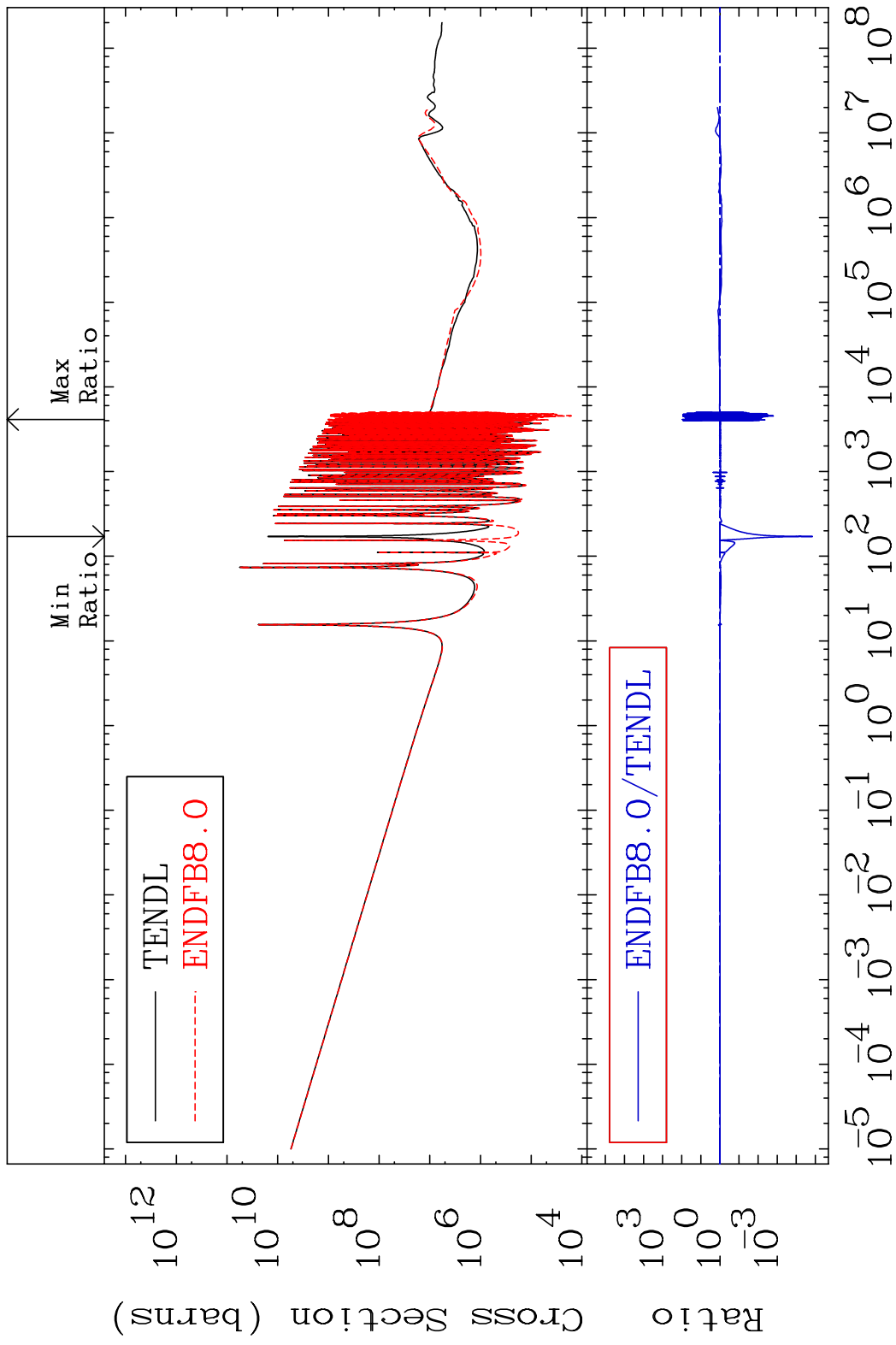
46 Incident Energy (eV) 68-Er-166

MAT 6837 Kerma fission (mt18 or mt19-20-21-38) 68-Er-166
 Cross Section -258.1 To 1330. %



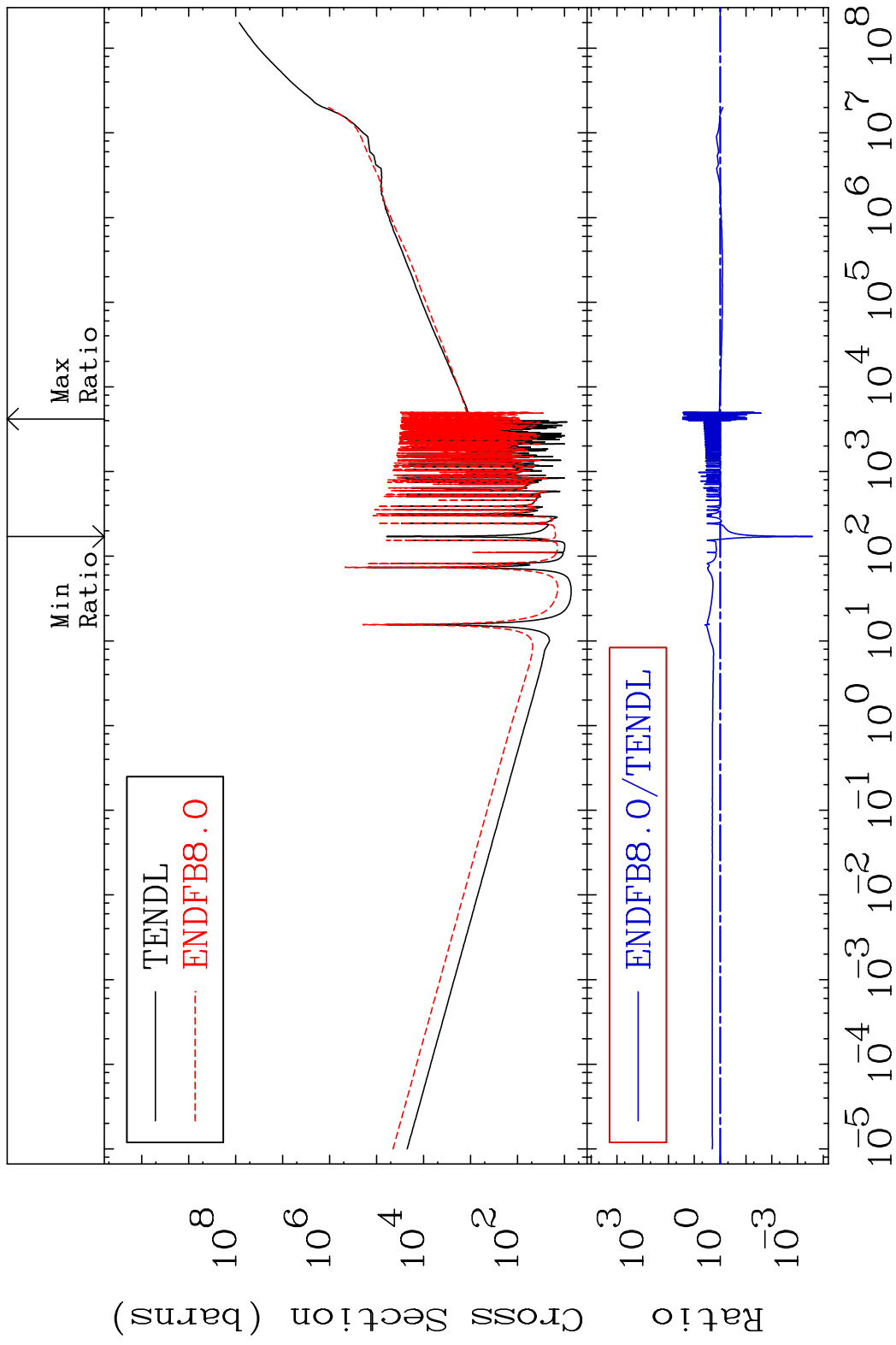


MAT 6837 Total photon (eV-barns) 68-Er-166
Cross Section -100.0 To 9189. %

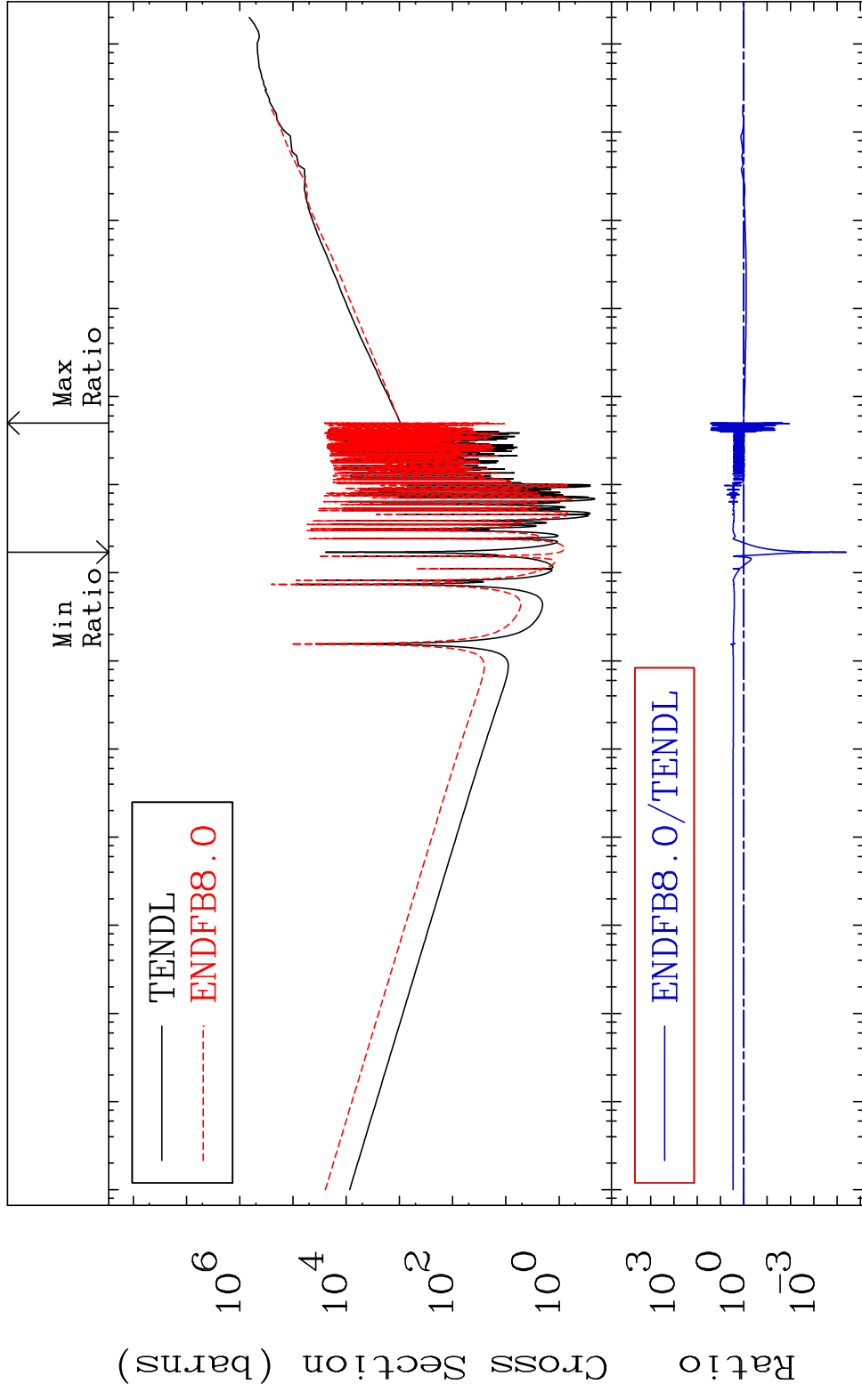


49 Incident Energy (eV) 68-Er-166

MAT 6837 Total kinematic kerma (high limit) 68-Er-166
 Cross Section -99.97 To 2823. %



MAT 6837 Dpa total (eV-barns) 68-Er-166
 Cross Section -100.0 To 2533. %



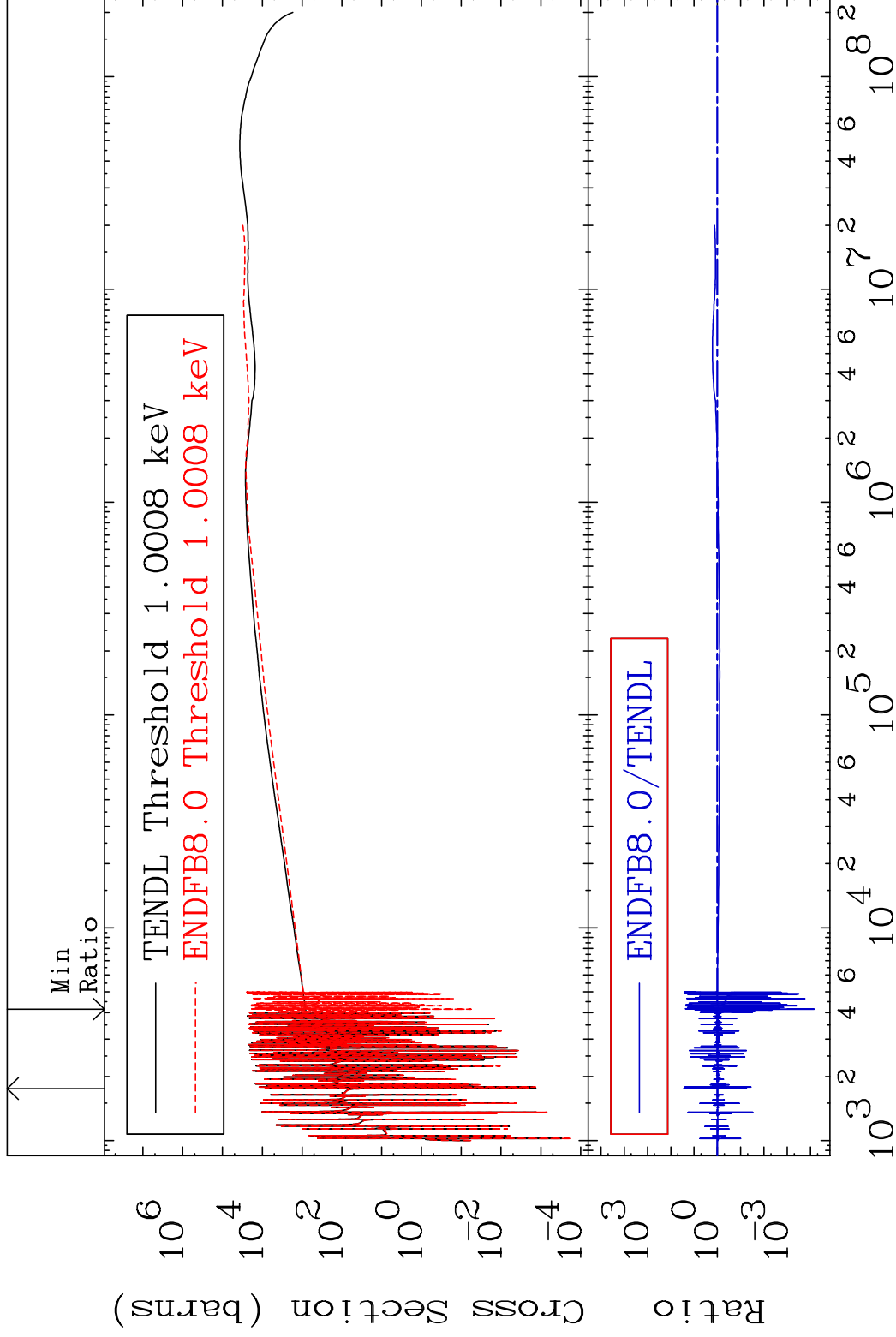
51 Incident Energy (eV) 68-Er-166

MAT 6837

Dpa elastic (mt2)

68-Er-166

Cross Section -99.99 To 2699. %

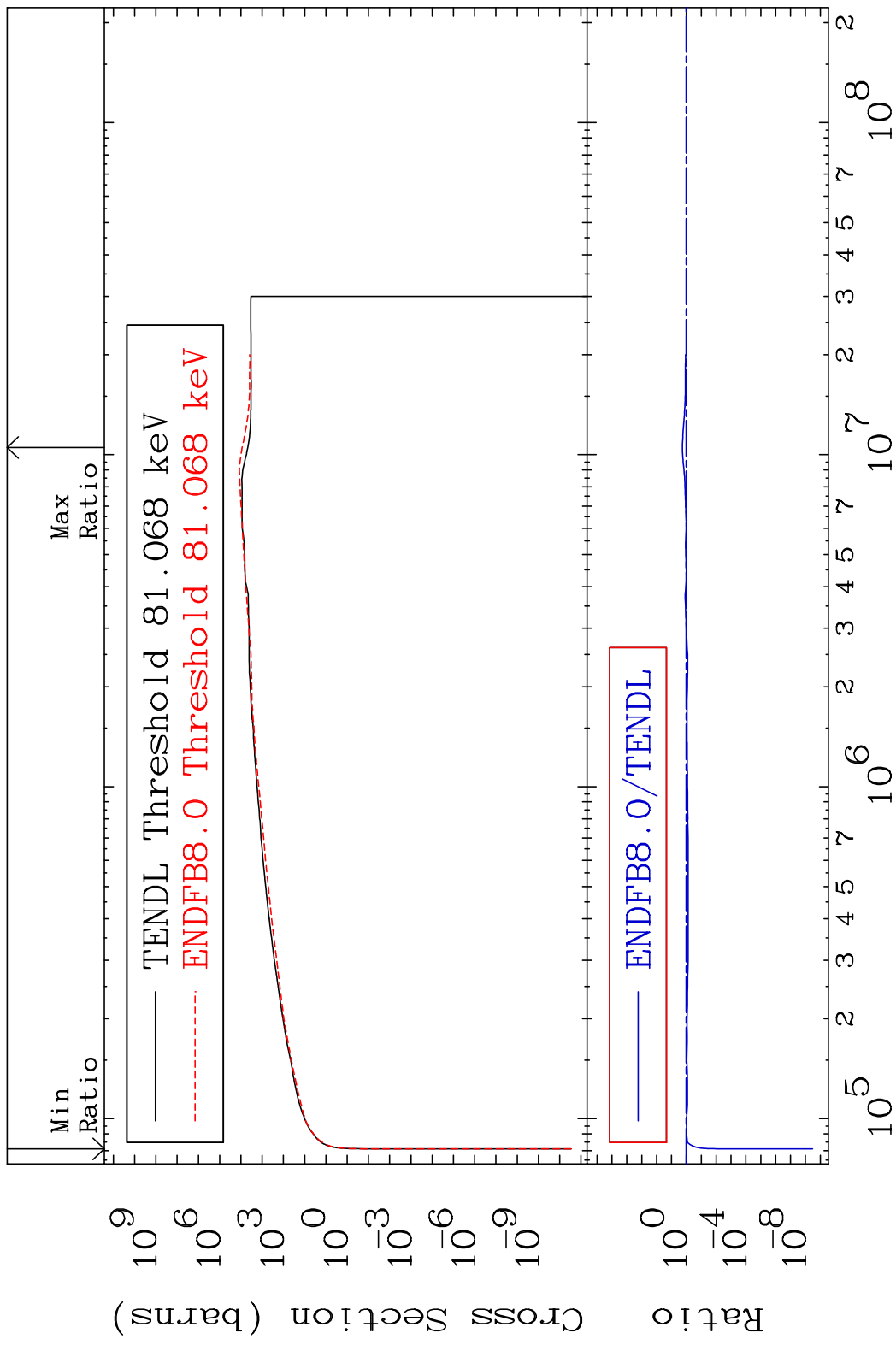


52

Incident Energy (eV)

68-Er-166

MAT 6837 Dpa inelastic (mt51-91) 68-Er-166
 Cross Section -100.0 To 85.22 %



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

