

Program Complot
(Version 2021-1)

by

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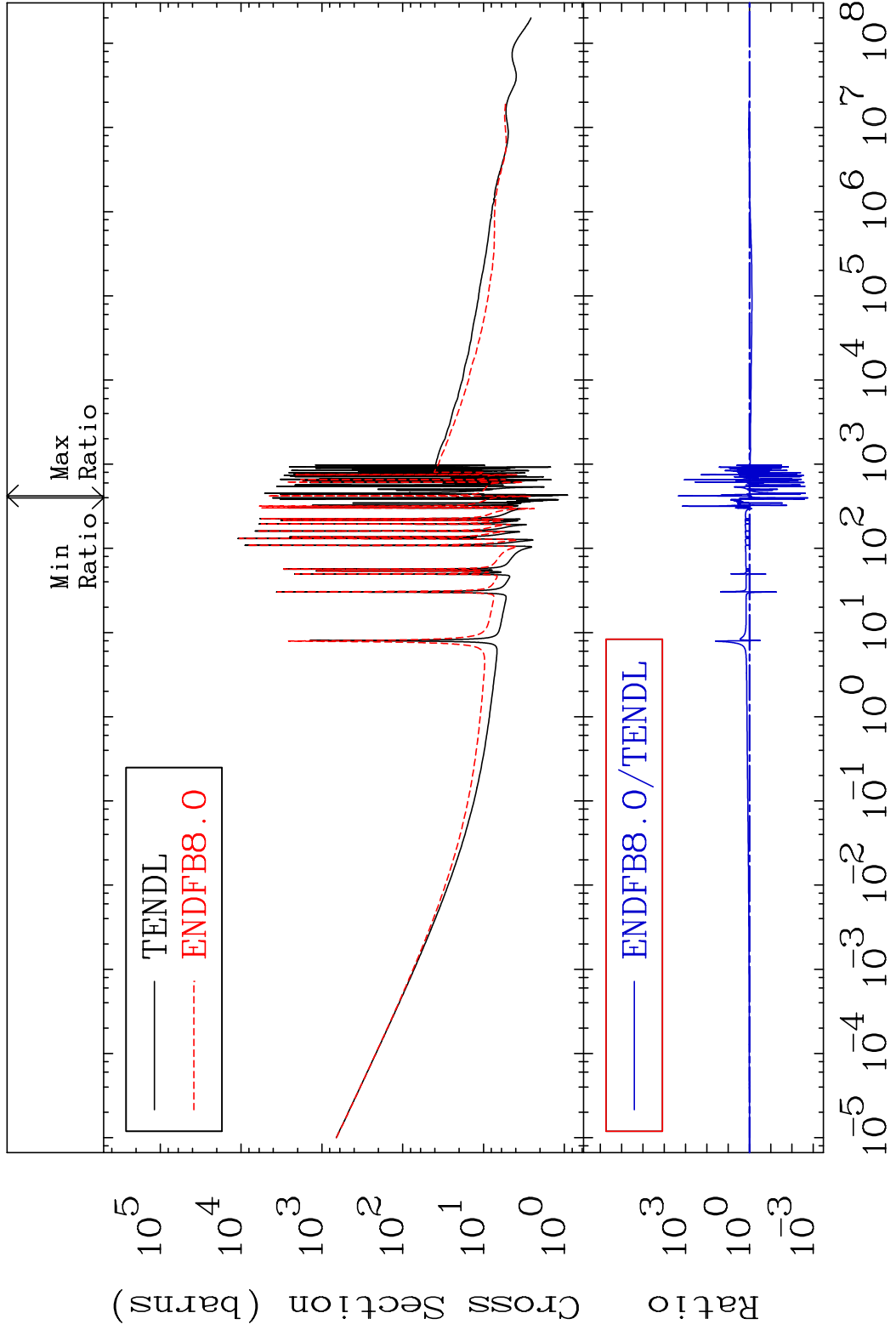
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6831 Total 68-Er-164
 Cross Section -99.82 To 9999. %



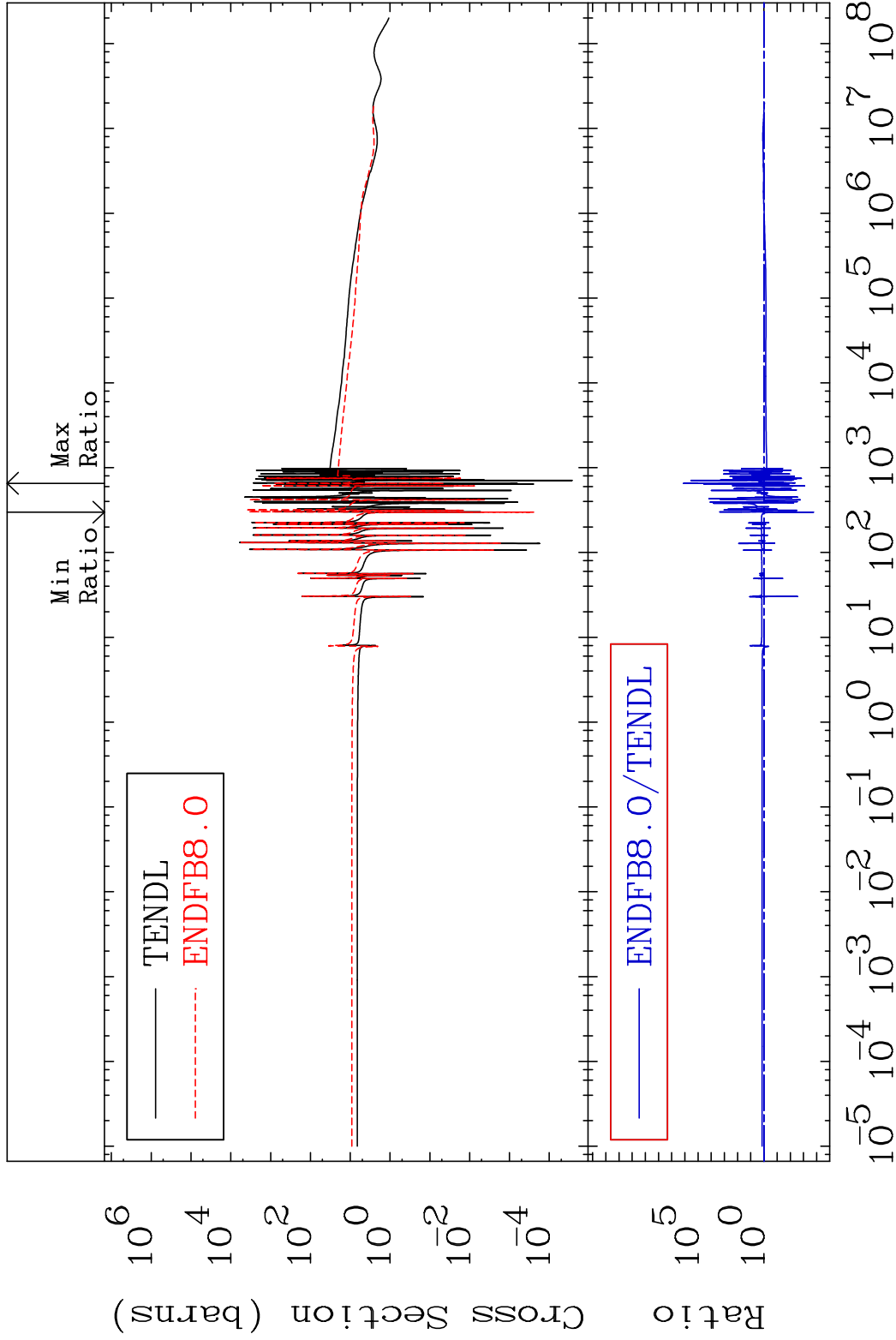
1 Incident Energy (eV) 68-Er-164

MAT 6831

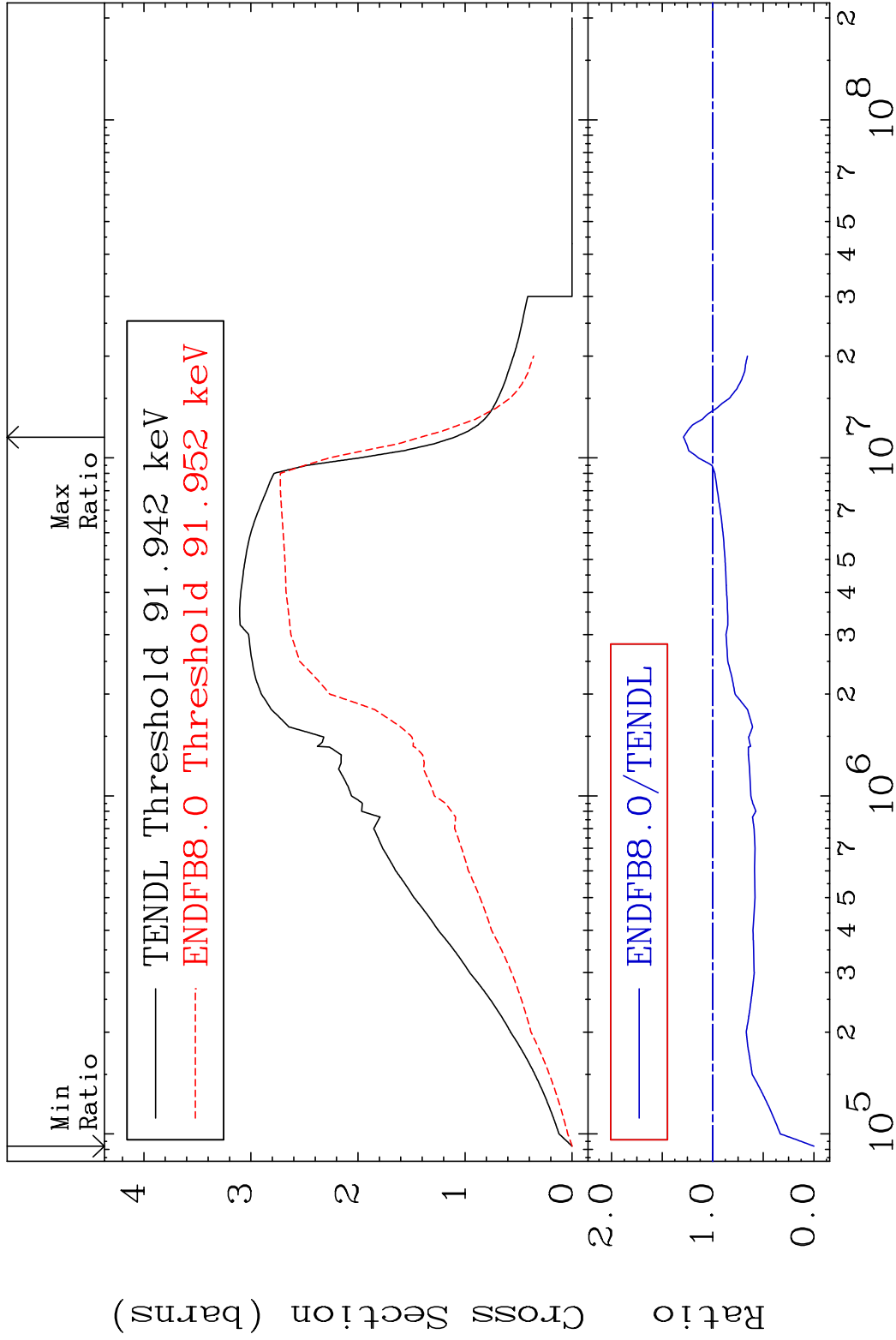
Elastic

68-Er-164

Cross Section -99.98 To 9999. %

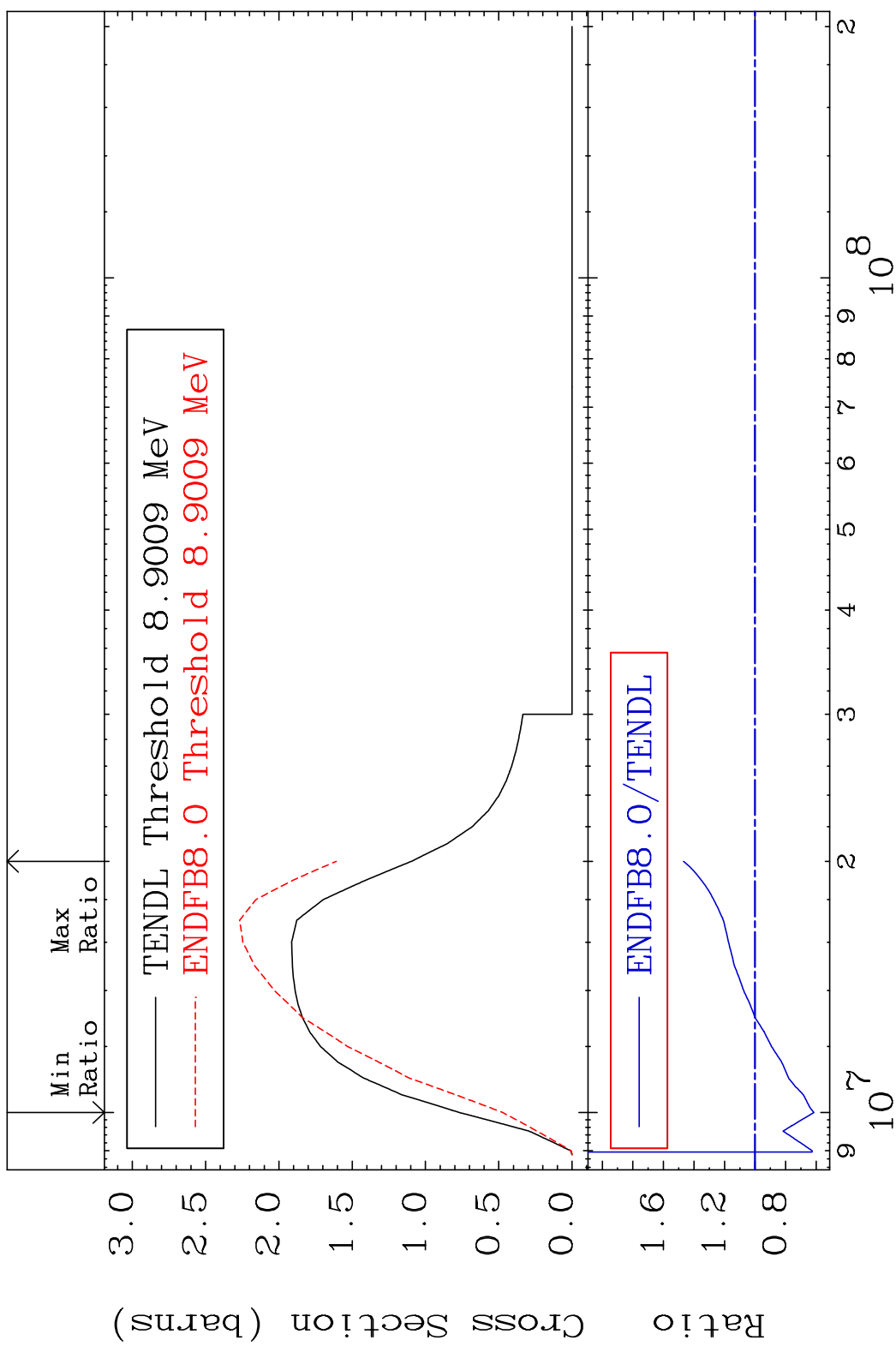


MAT 6831 Inelastic Cross Section -100.0 To 28.98 % 68-Er-164



3 Incident Energy (eV) 68-Er-164

MAT 6831 (n,2n) 68-Er-164
 Cross Section -38.48 To 46.88 %



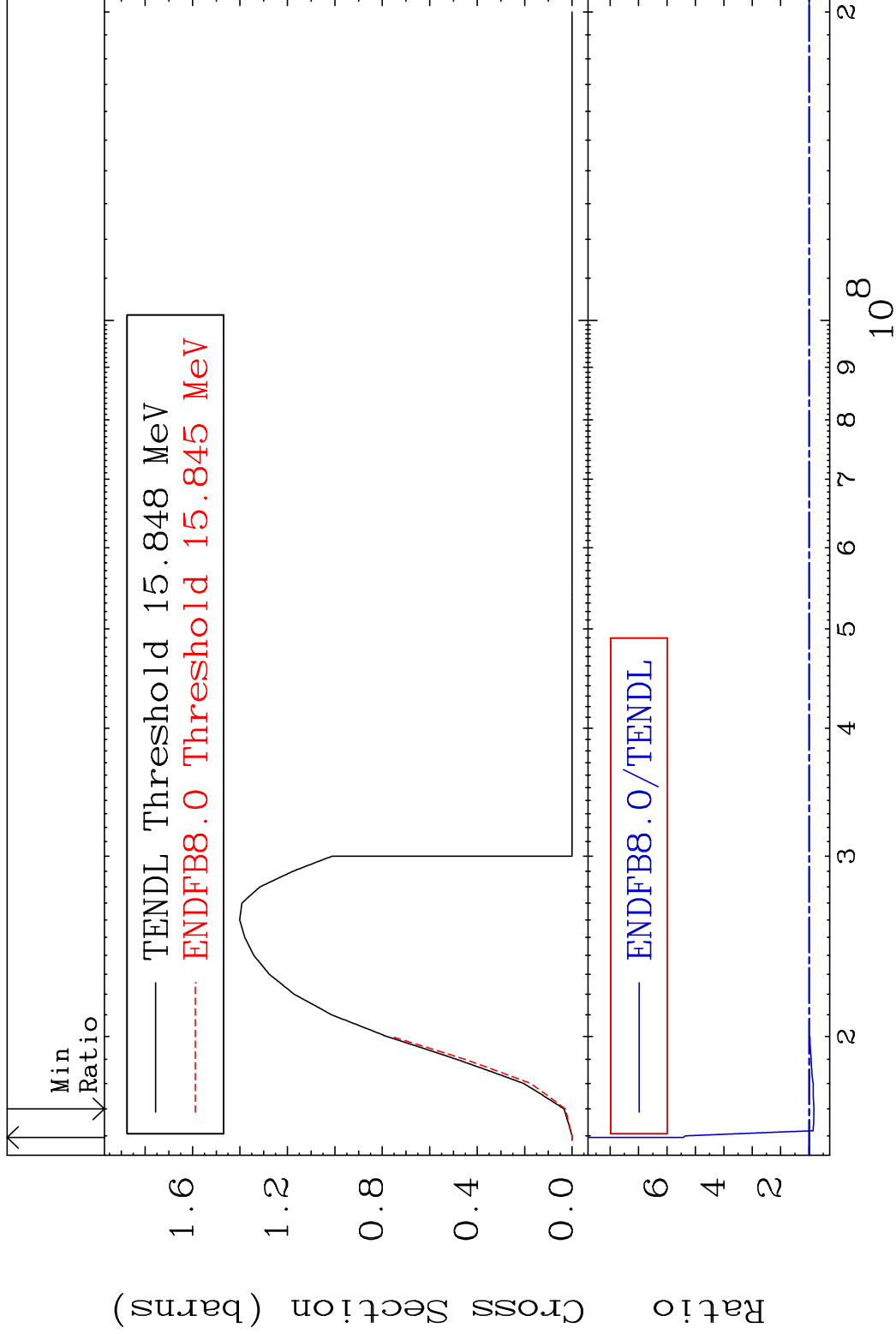
4 Incident Energy (eV) 68-Er-164

MAT 6831

(n,3n)

68-Er-164

Cross Section -16.84 To 442.1 %



5

Incident Energy (eV)

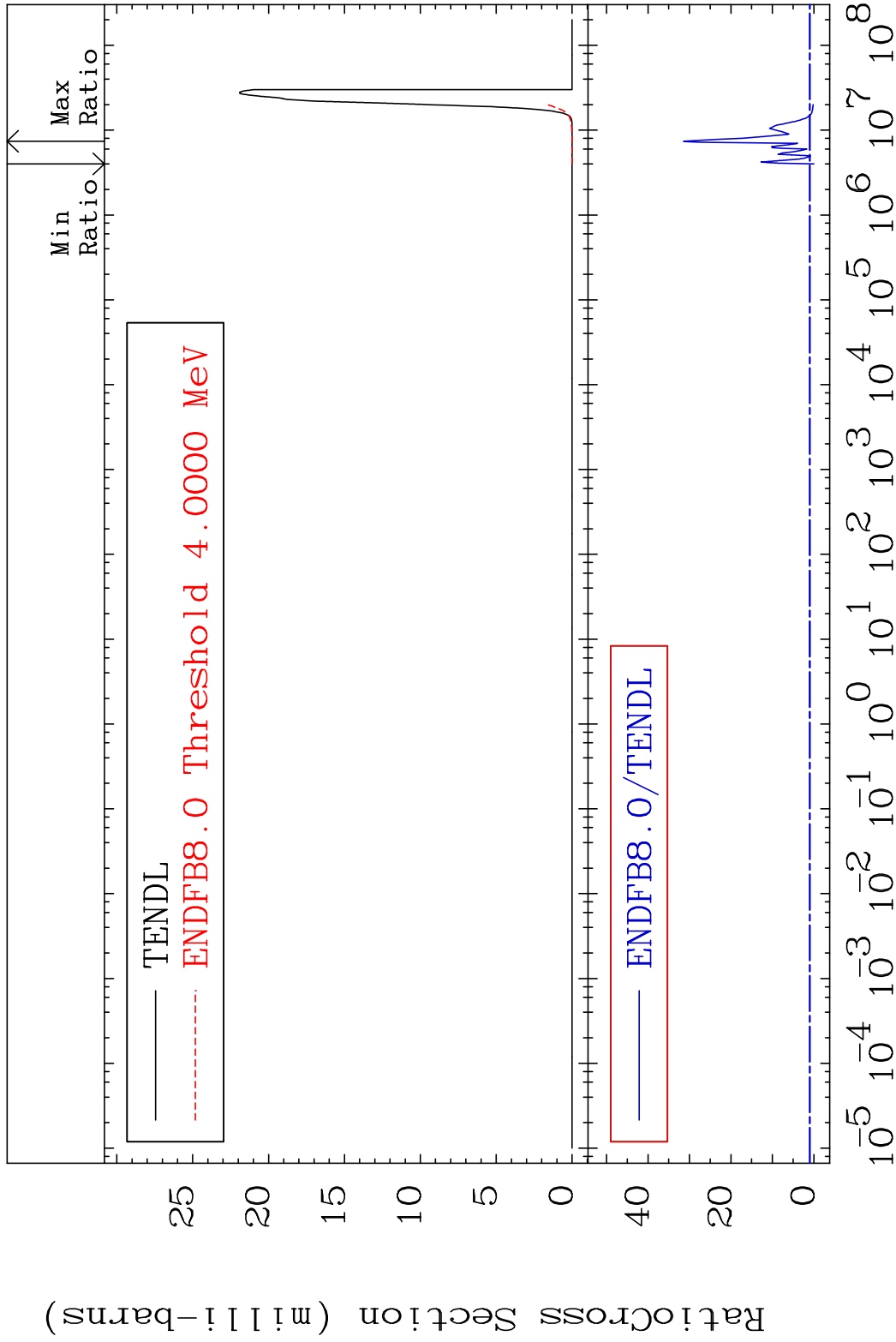
68-Er-164

MAT 6831

(n, n') α

68-Er-164

Cross Section -100.0 To 3045. %

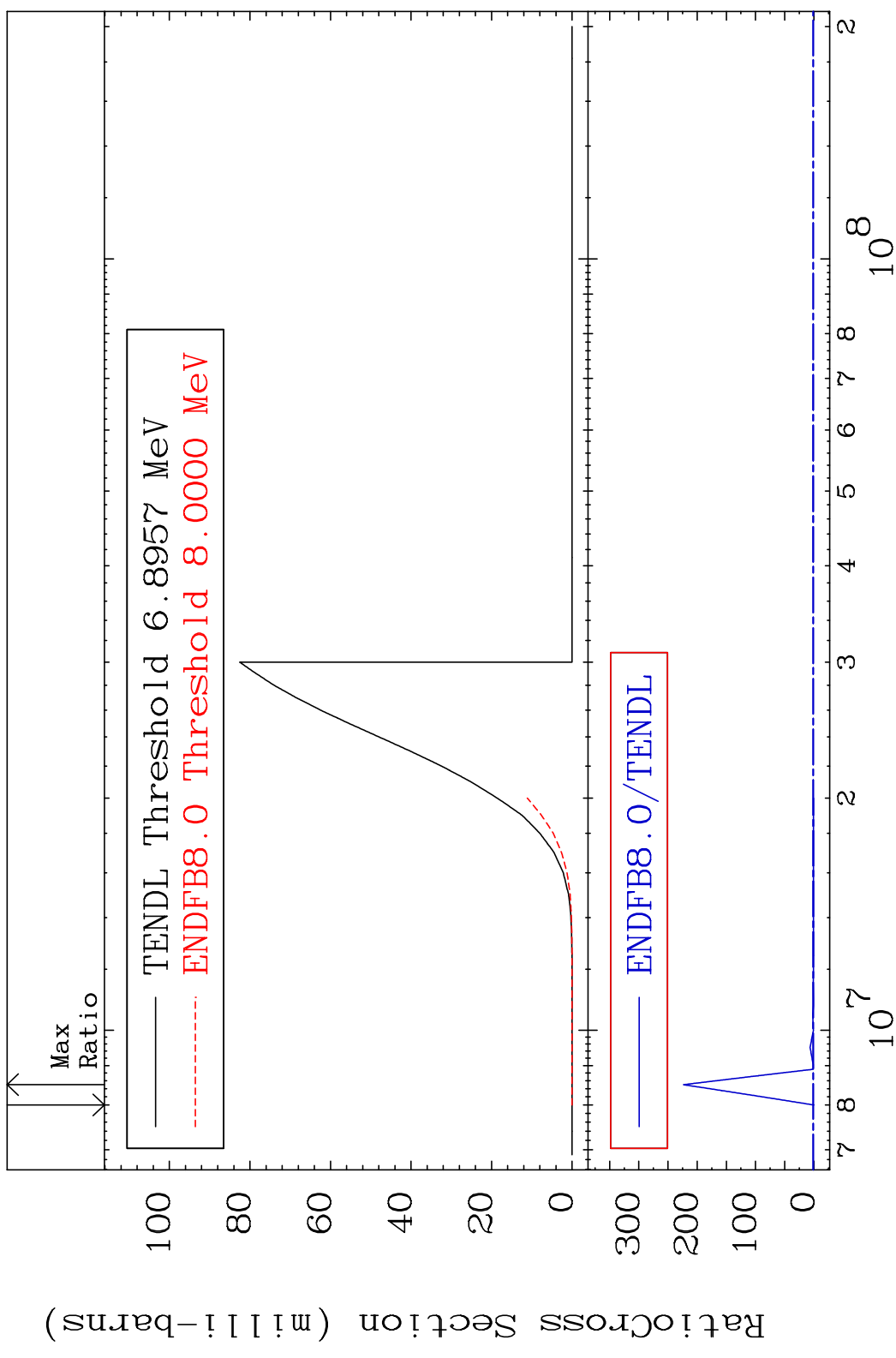


6

Incident Energy (eV)

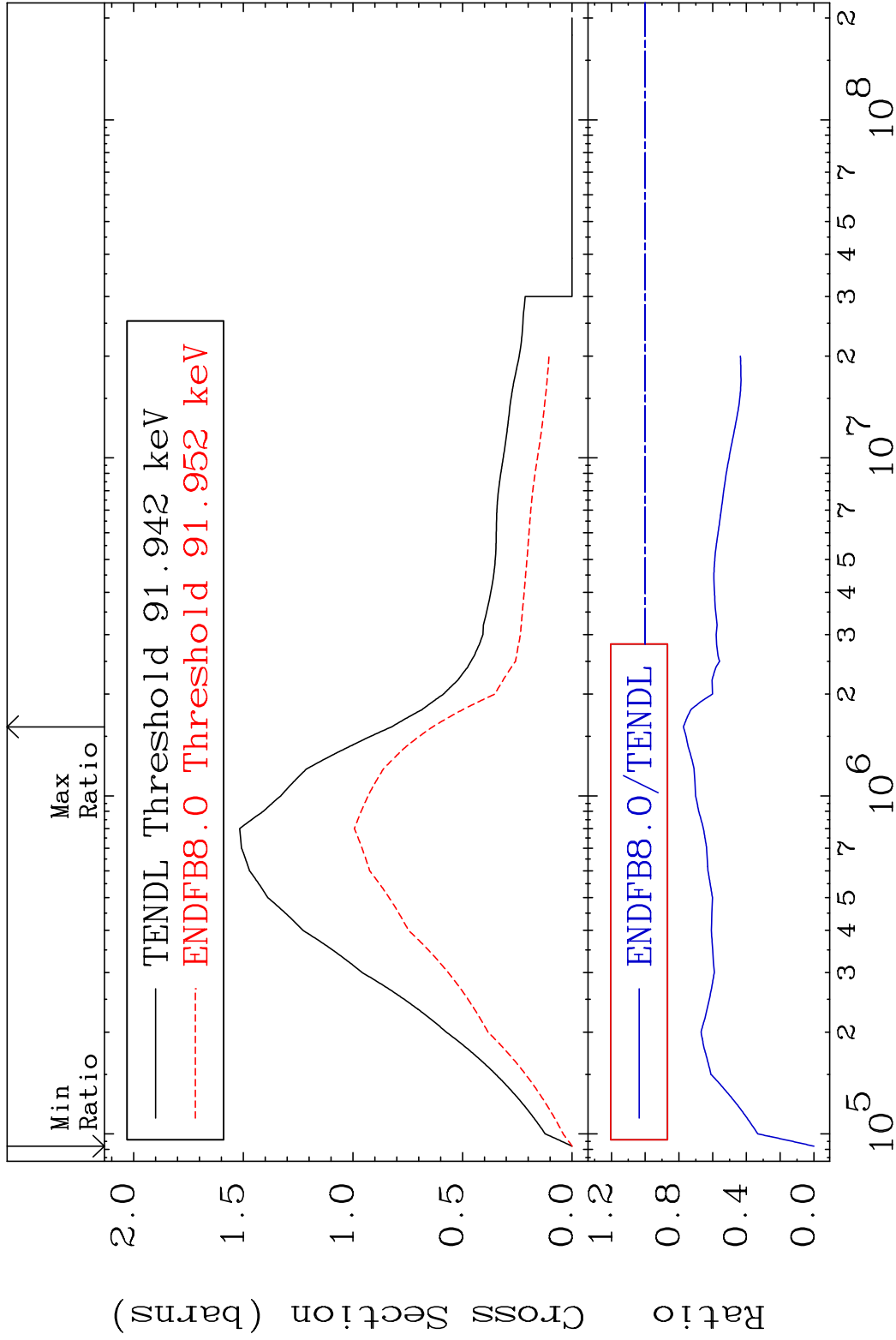
68-Er-164

MAT 6831 (n, n') p 68-Er-164
 Cross Section -100.0 To 9999. %



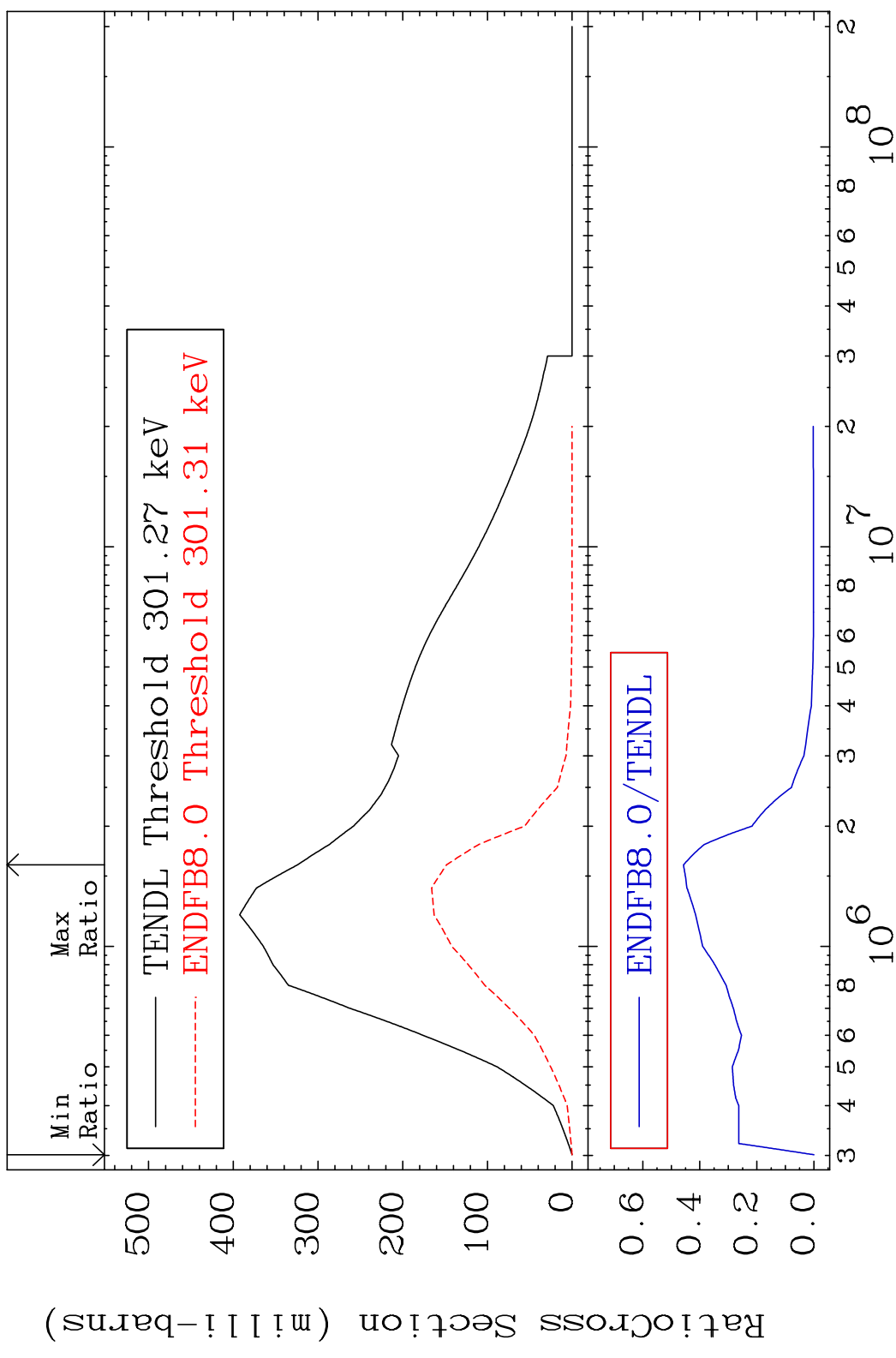
7 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 51 (n, n') Level 68-Er-164
 Cross Section -100.0 To -22.69%

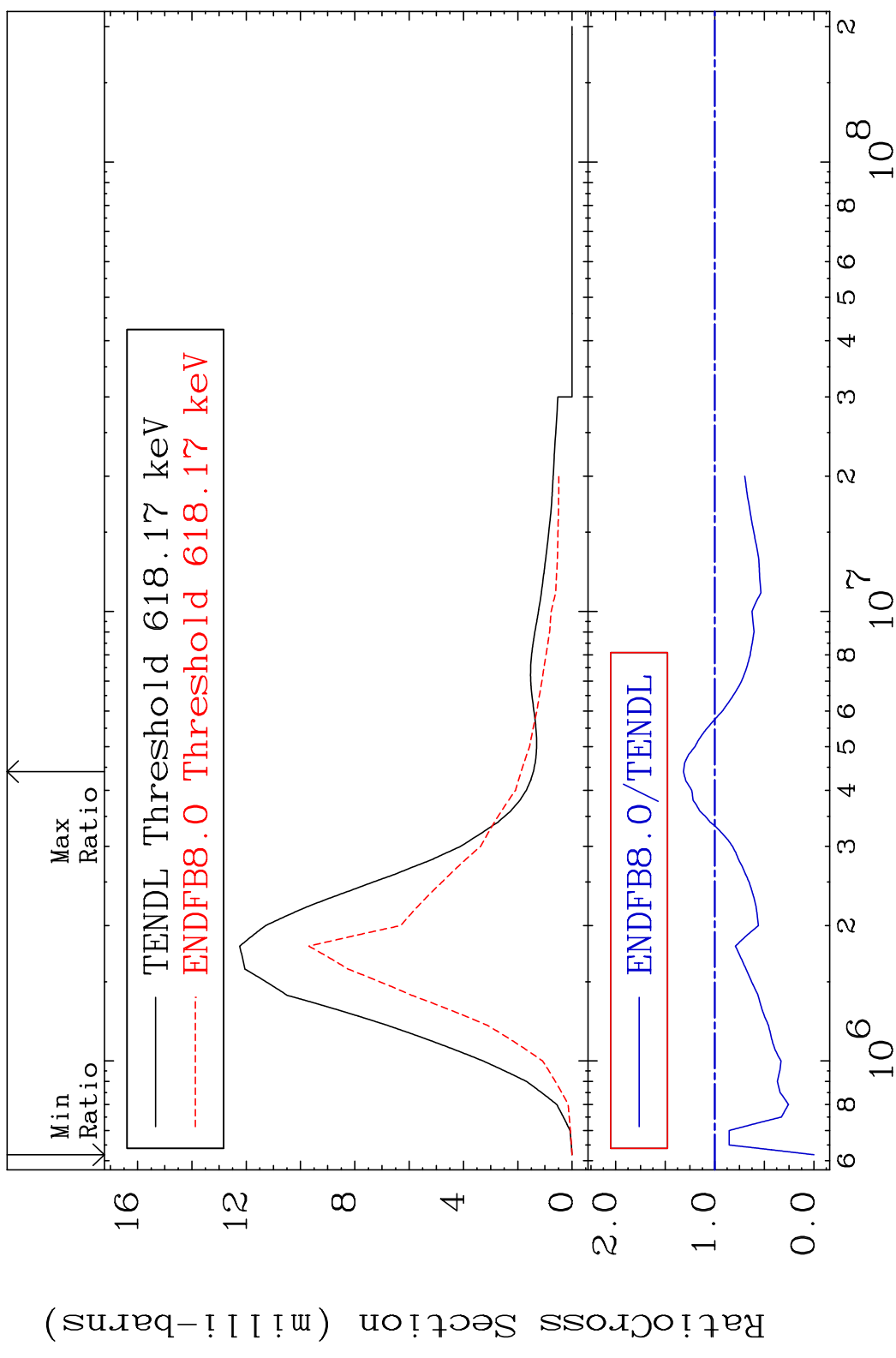


8 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 52 (n, n') Level 68-Er-164
 Cross Section -100.0 To -54.26%

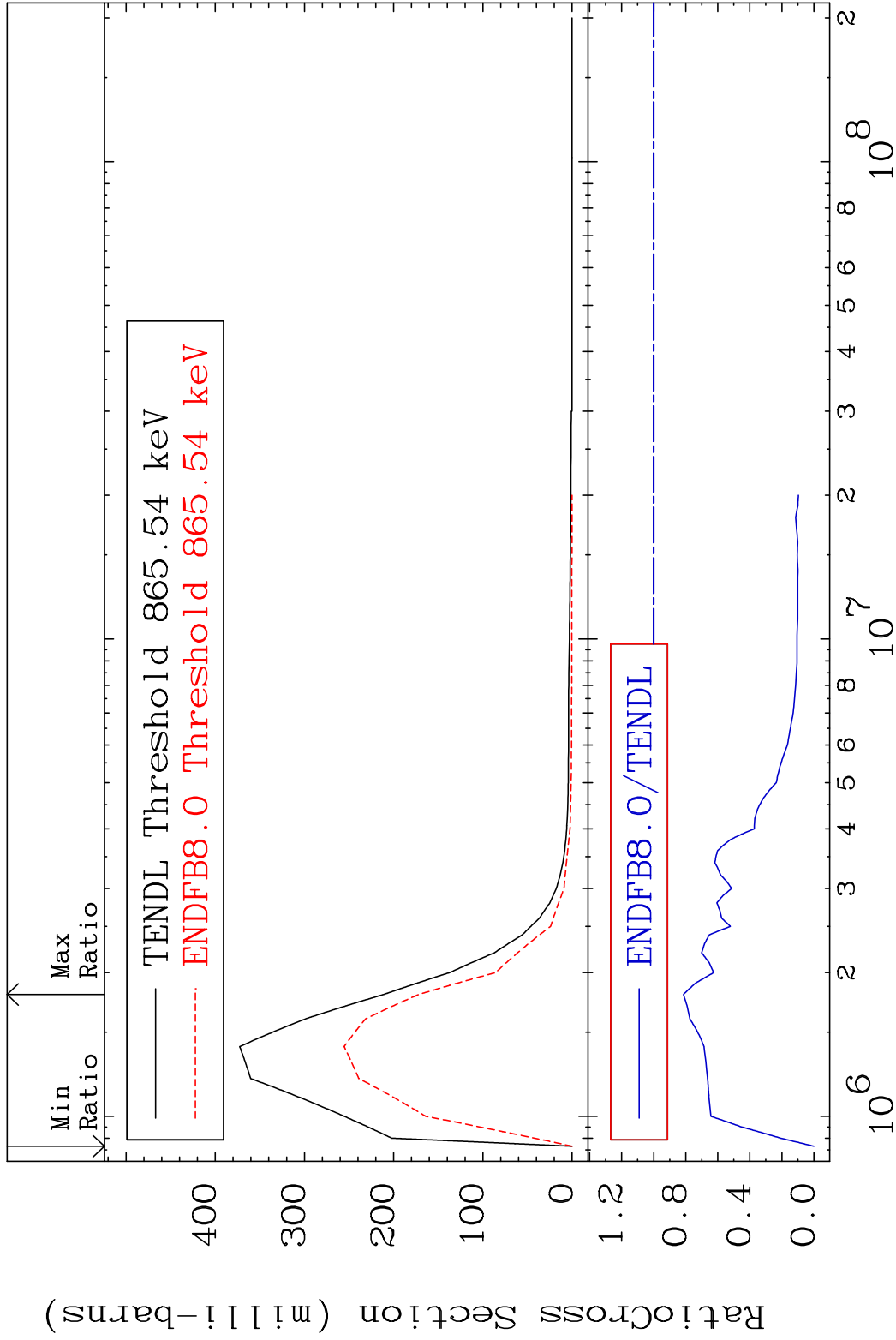


MAT 6831 MT= 53 (n, n') Level 68-Er-164
 Cross Section -100.0 To 31.60 %



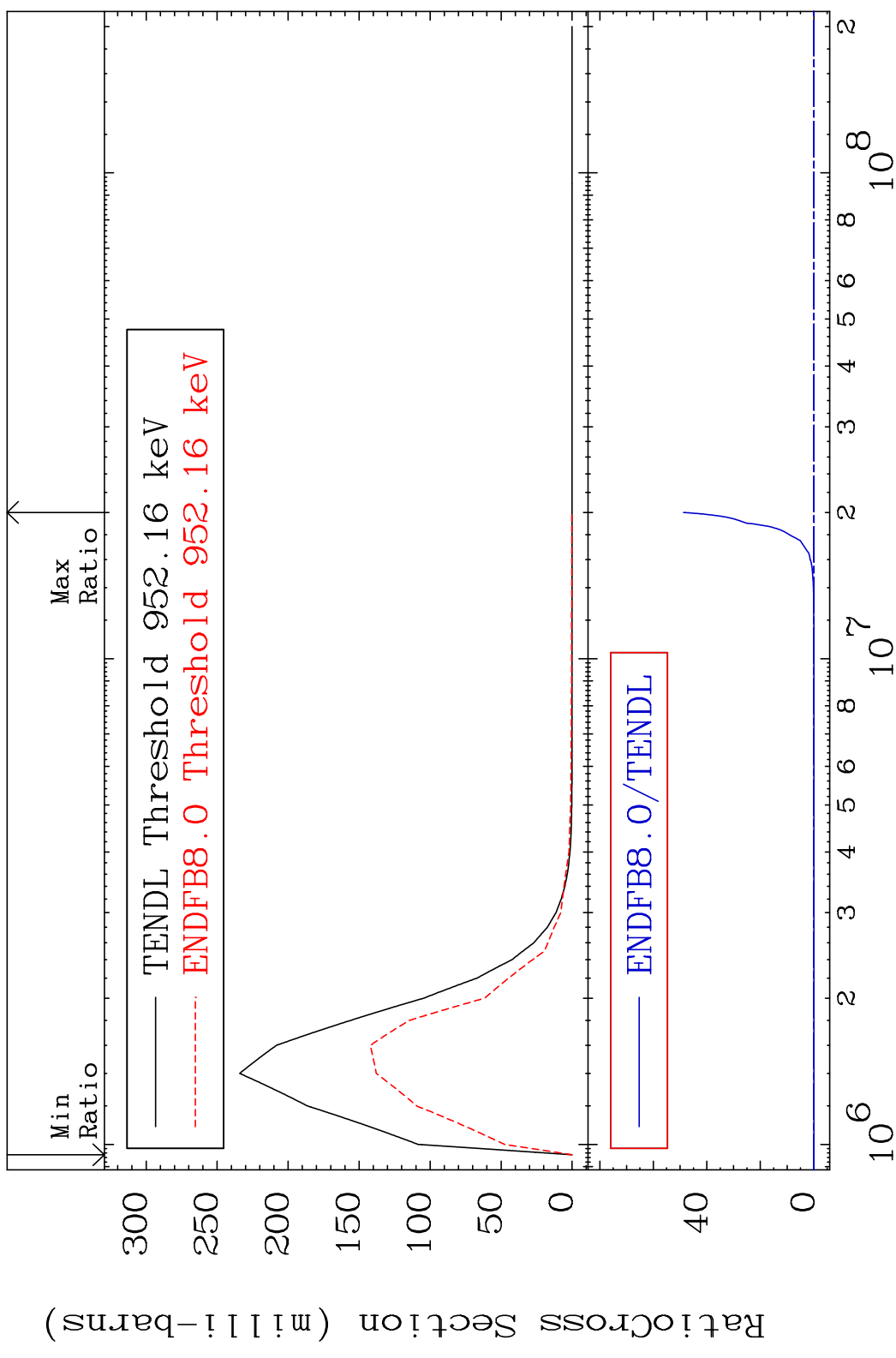
10 6 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 68-Er-164

MAT 6831 MT= 54 (n, n') Level 68-Er-164
 Cross Section -100.0 To -18.58%



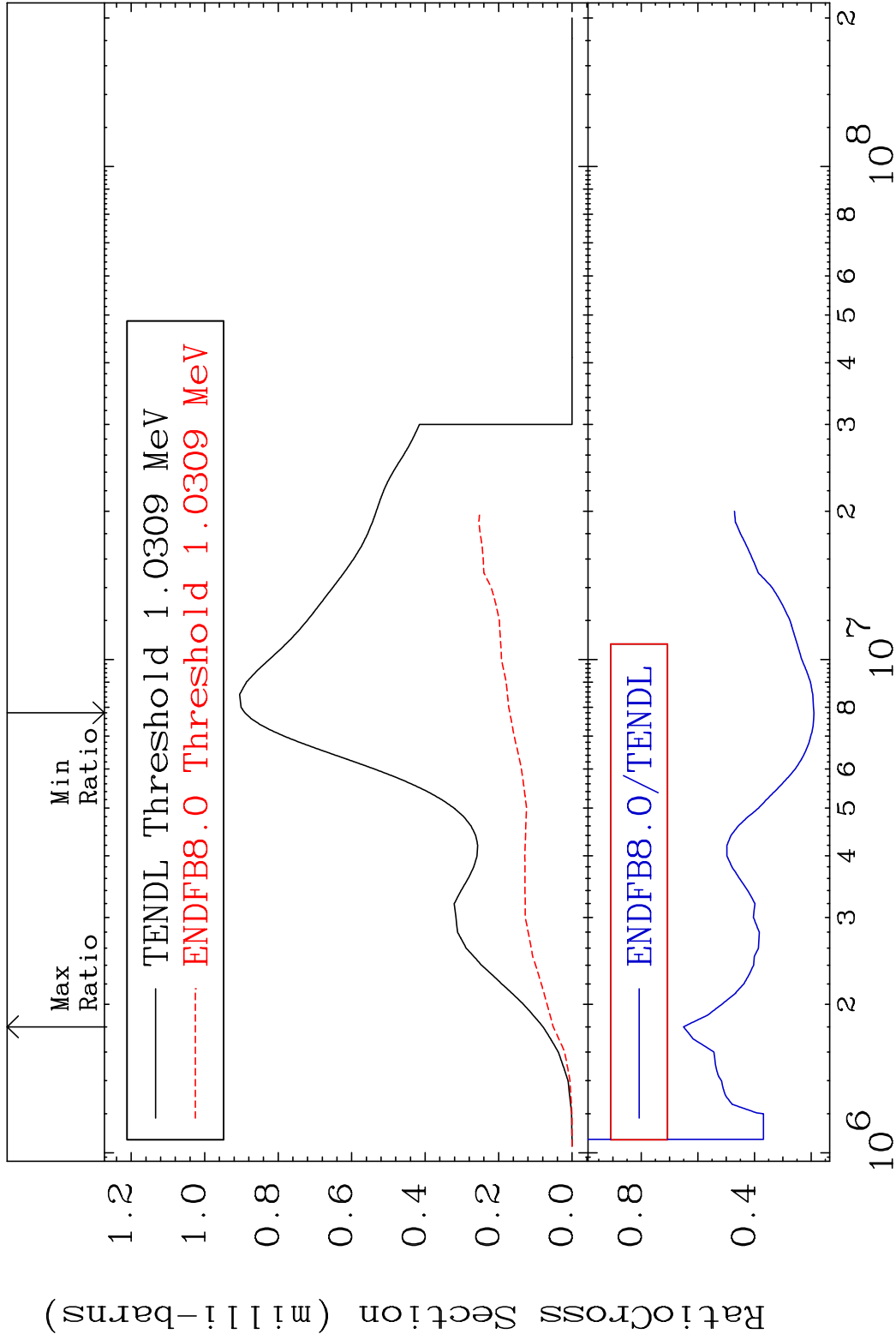
11 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 55 (n, n') Level 68-Er-164
 Cross Section -100.0 To 9999. %



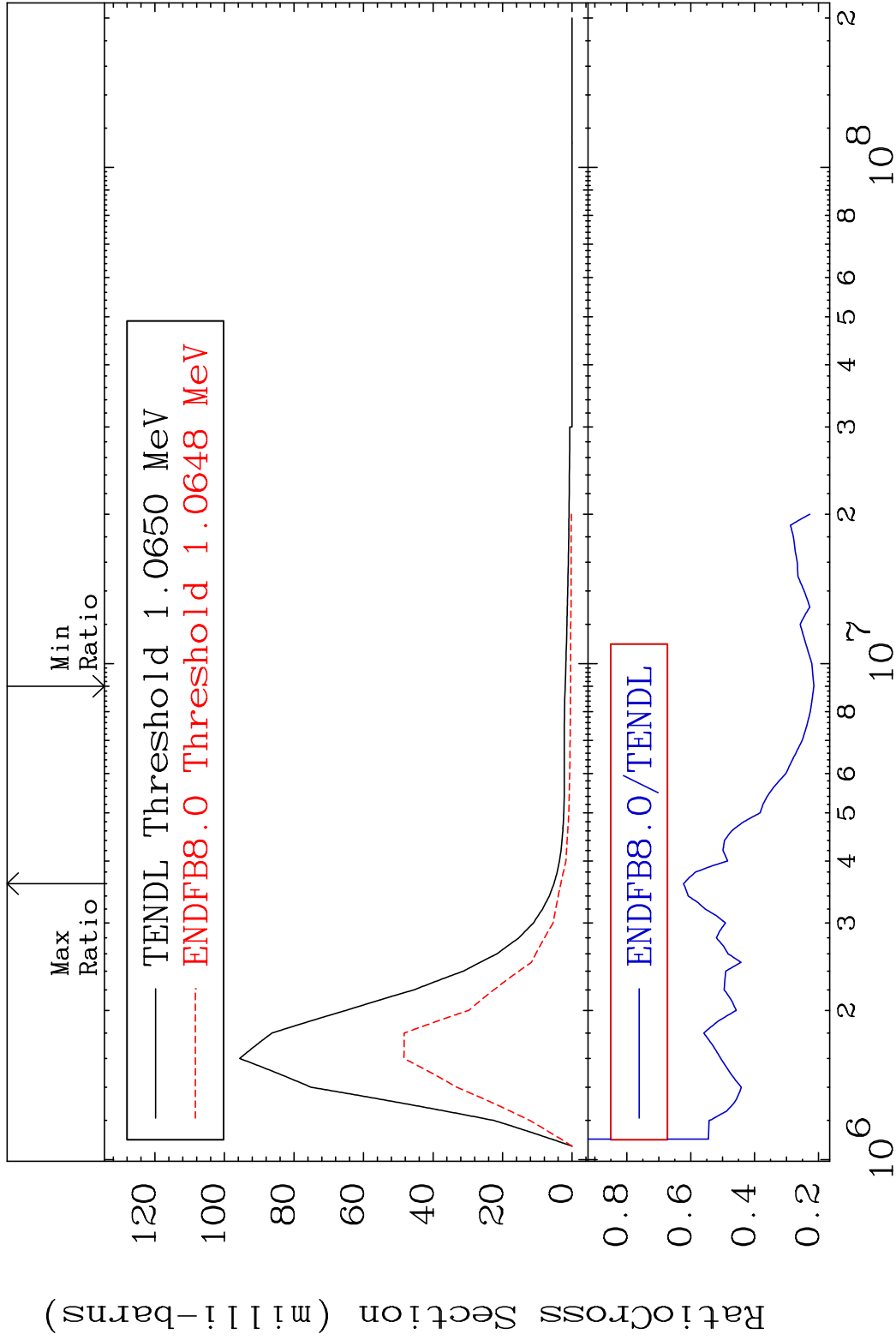
12 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 56 (n, n') Level 68-Er-164
 Cross Section -80.97 To -34.93%



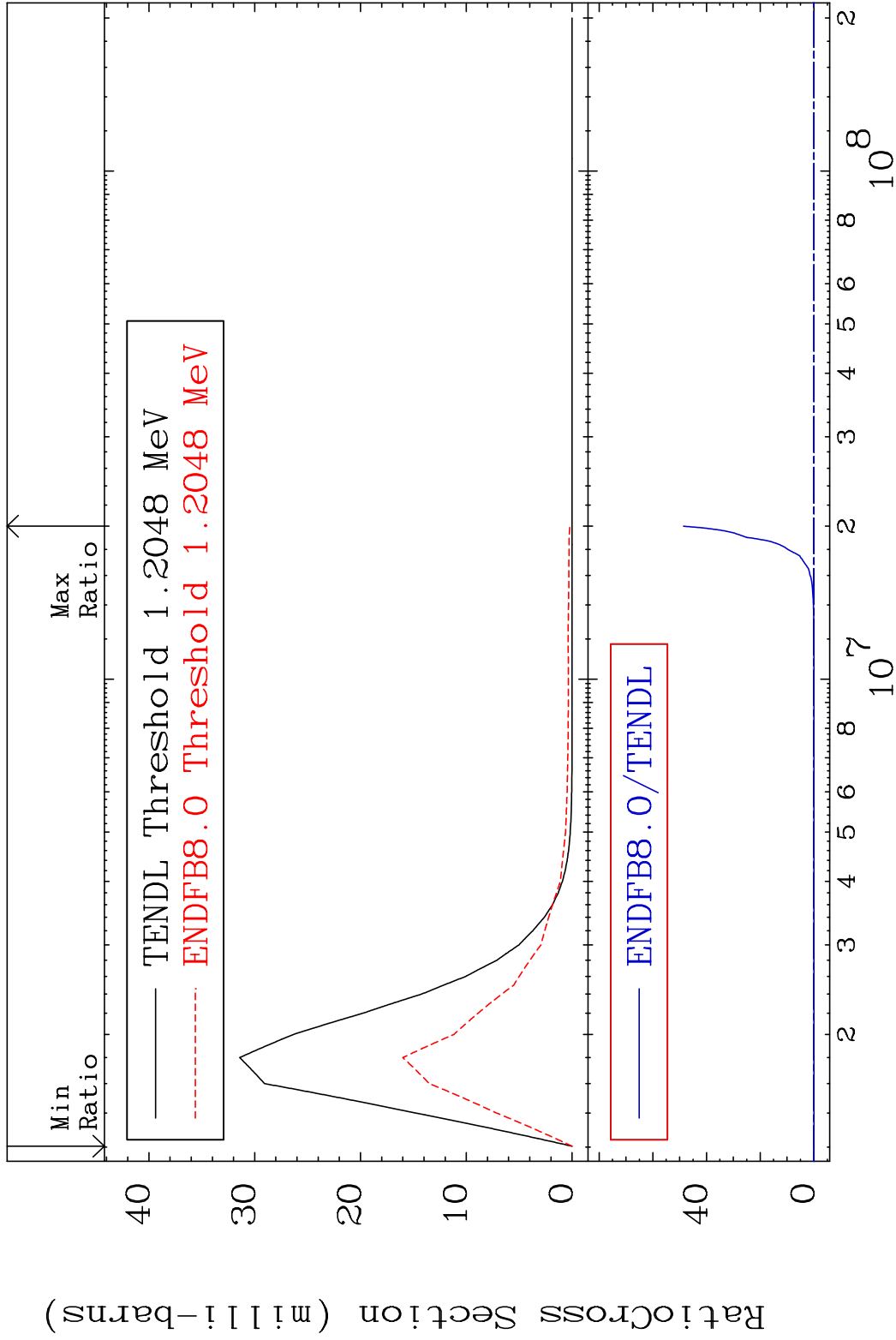
13 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 57 (n, n') Level 68-Er-164
 Cross Section -78.55 To -37.73%



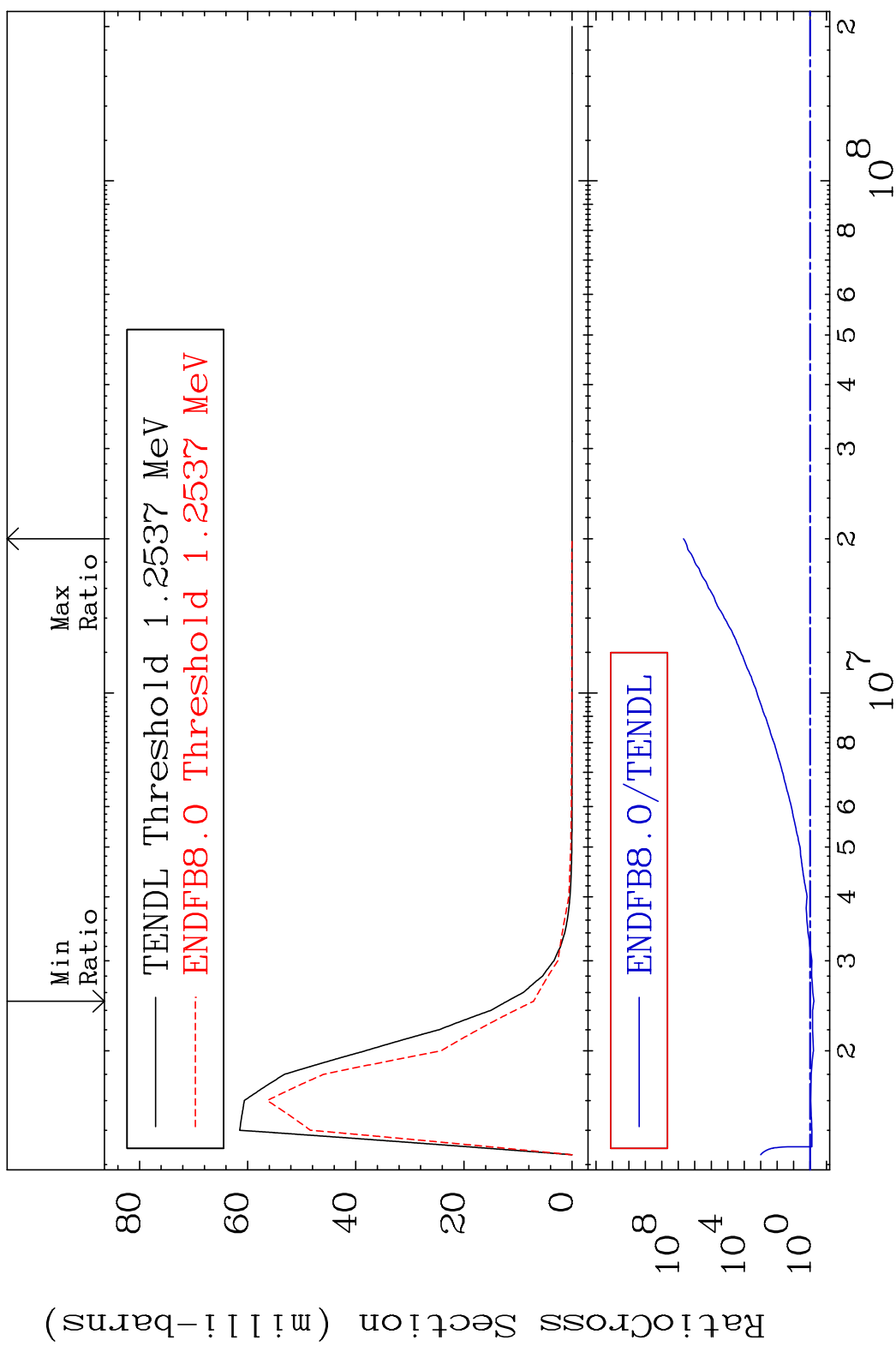
14 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 58 (n, n') Level 68-Er-164
 Cross Section -100.0 To 9999. %



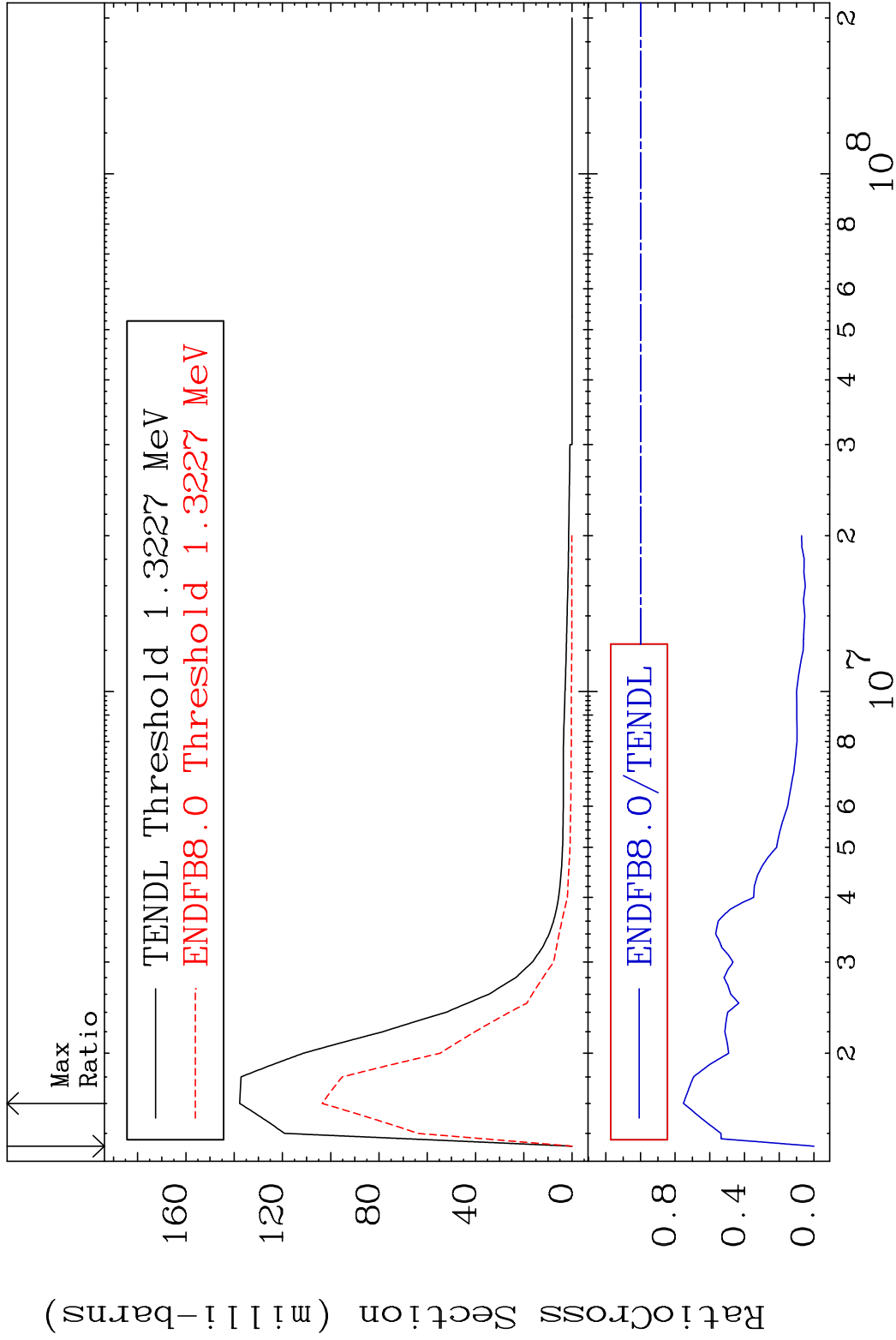
15 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 59 (n, n') Level 68-Er-164
 Cross Section -40.80 To 9999. %

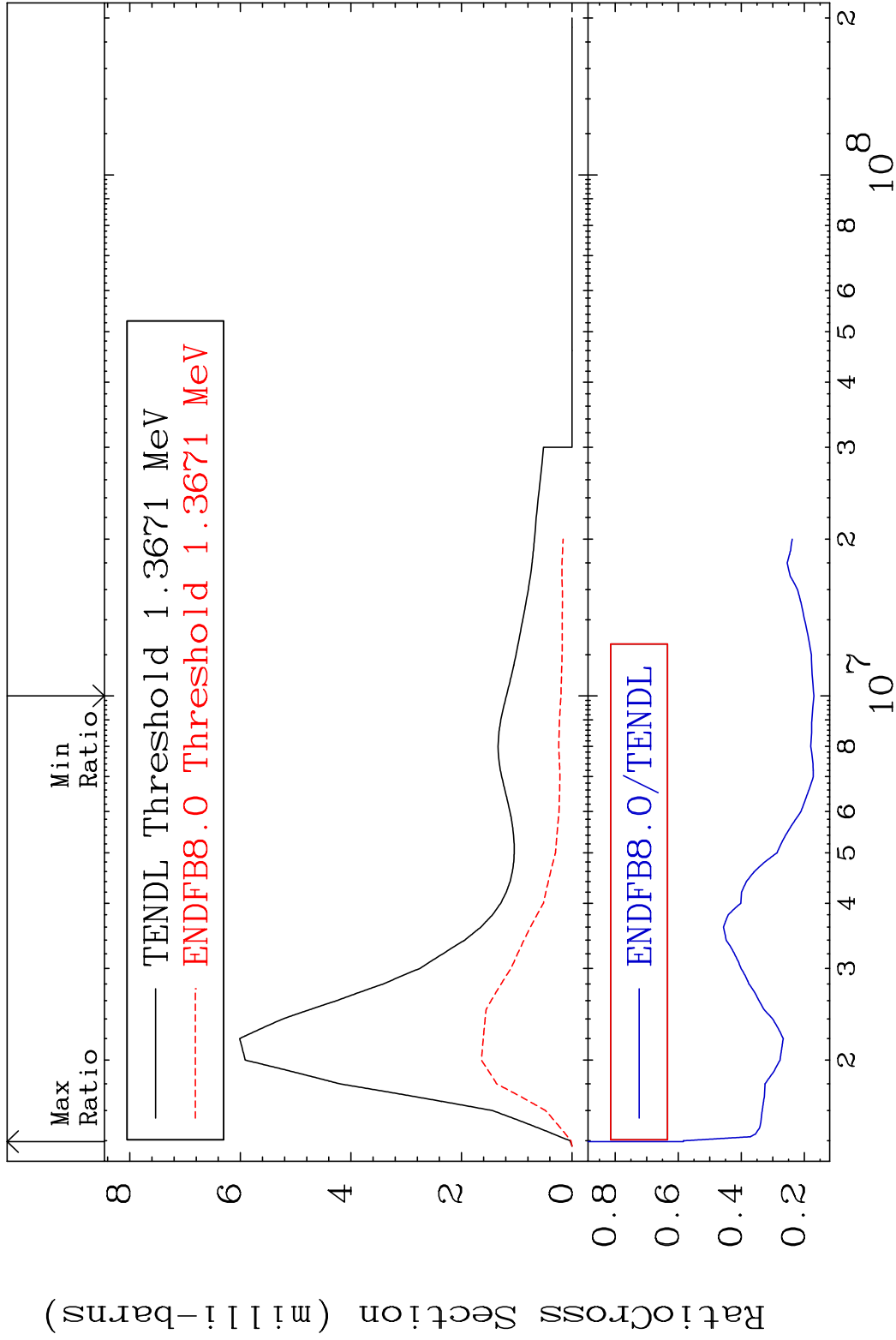


16 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 60 (n, n') Level 68-Er-164
 Cross Section -100.0 To -24.79%

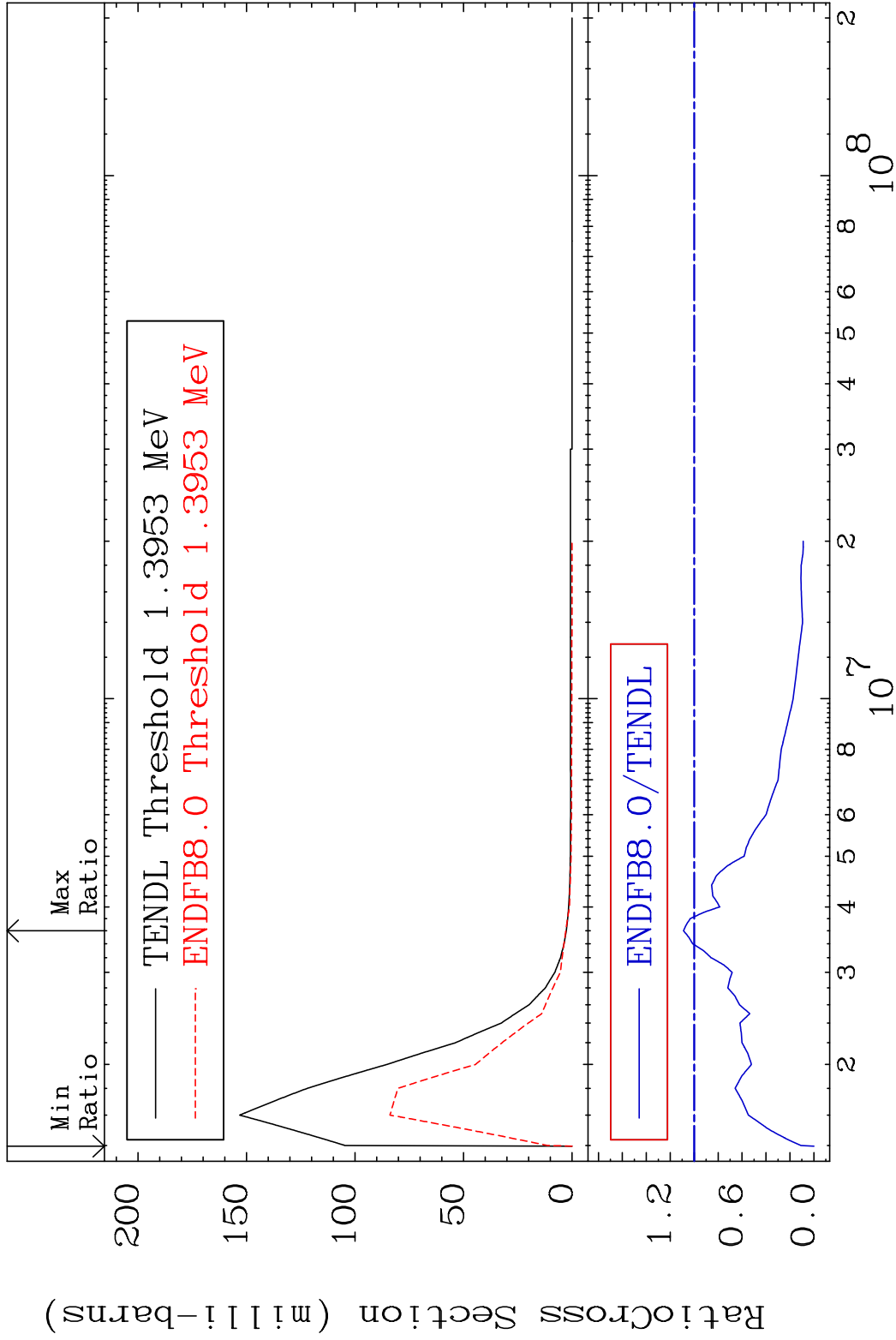


MAT 6831 MT= 61 (n, n') Level 68-Er-164
 Cross Section -83.01 To -41.63%

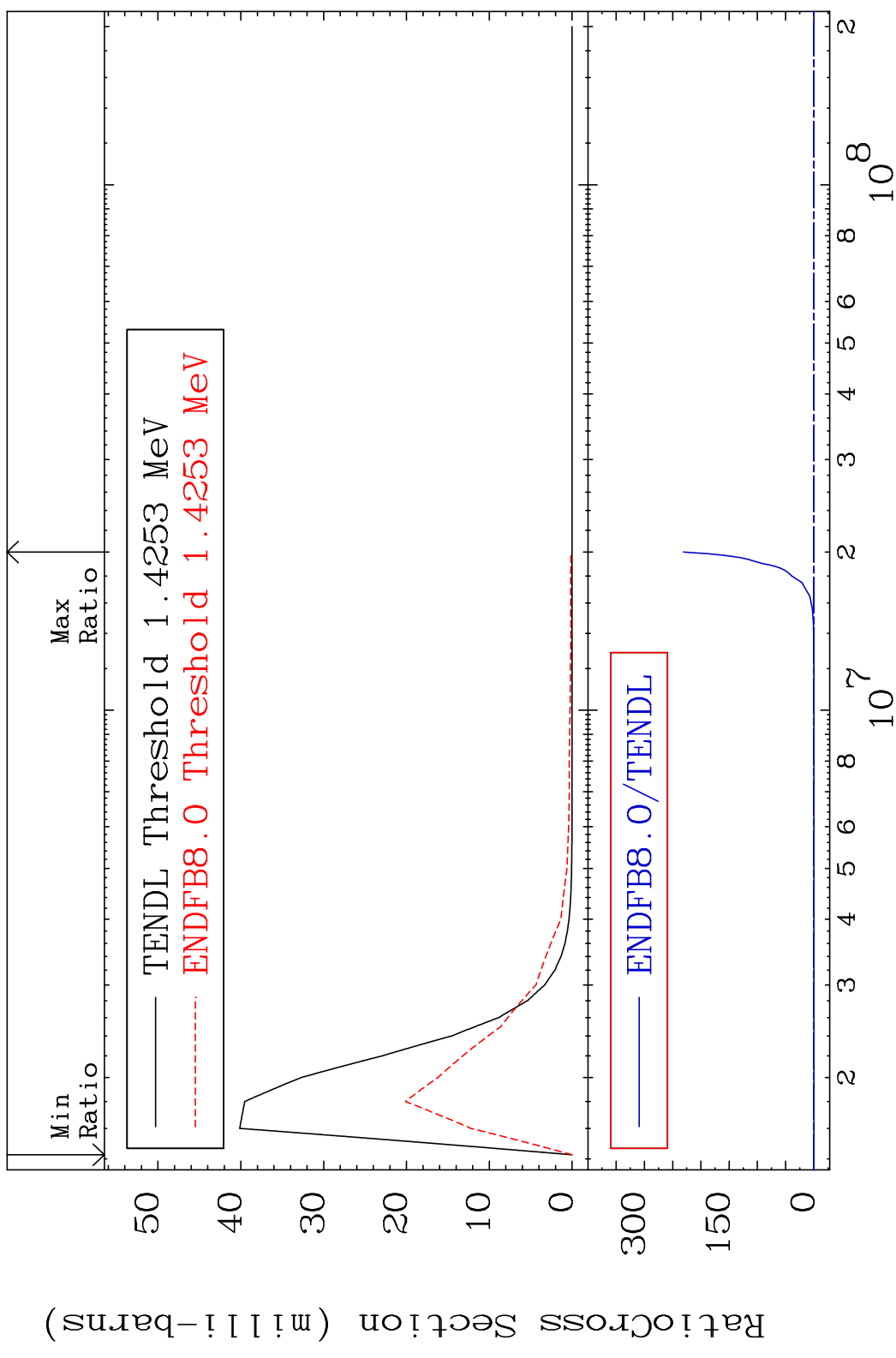


18 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 62 (n, n') Level 68-Er-164
 Cross Section -100.0 To 8.958 %

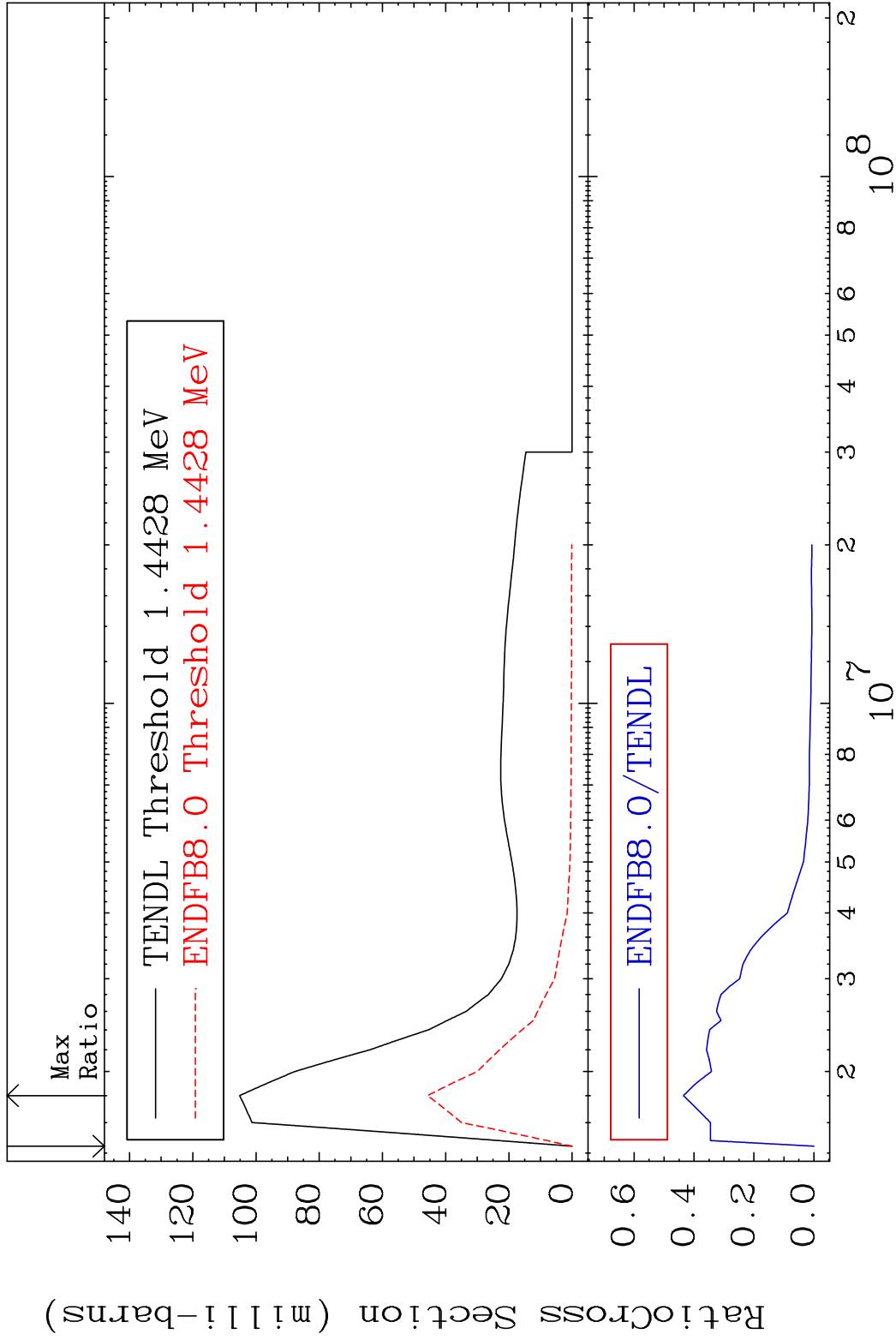


MAT 6831 MT= 63 (n, n') Level 68-Er-164
 Cross Section -100.0 To 9999. %

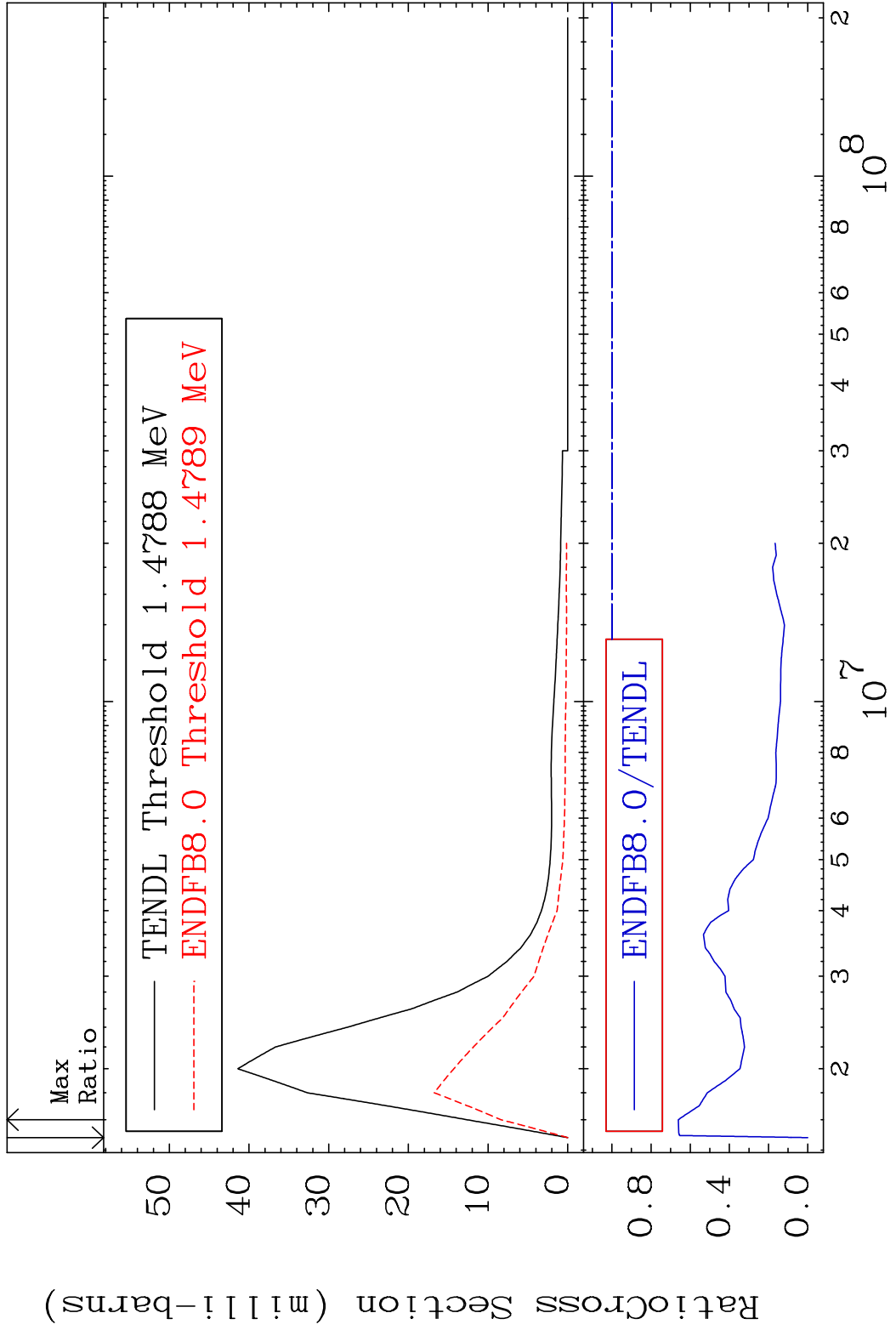


20 68-Er-164

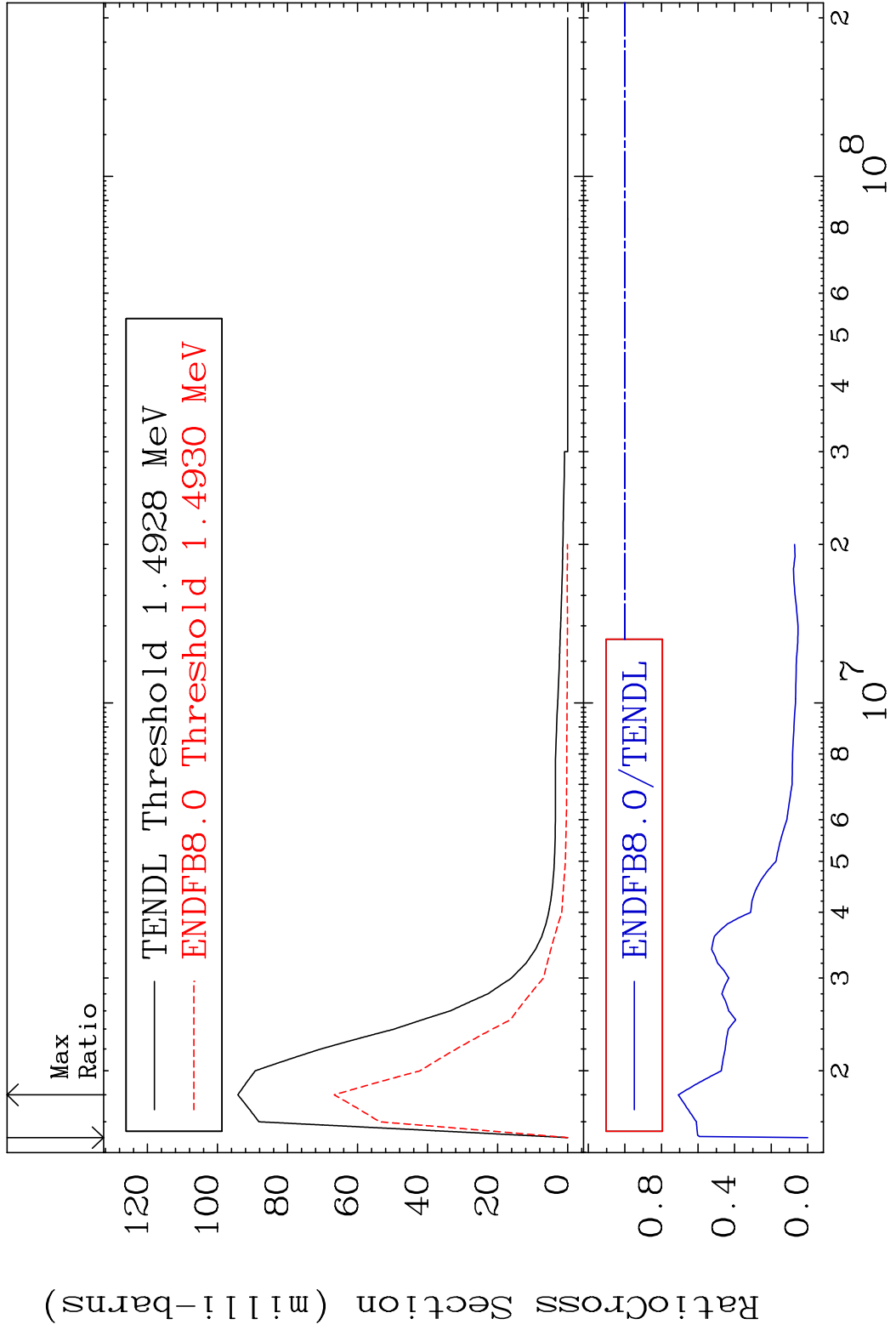
MAT 6831 MT= 64 (n, n') Level 68-Er-164
 Cross Section -100.0 To -56.47%



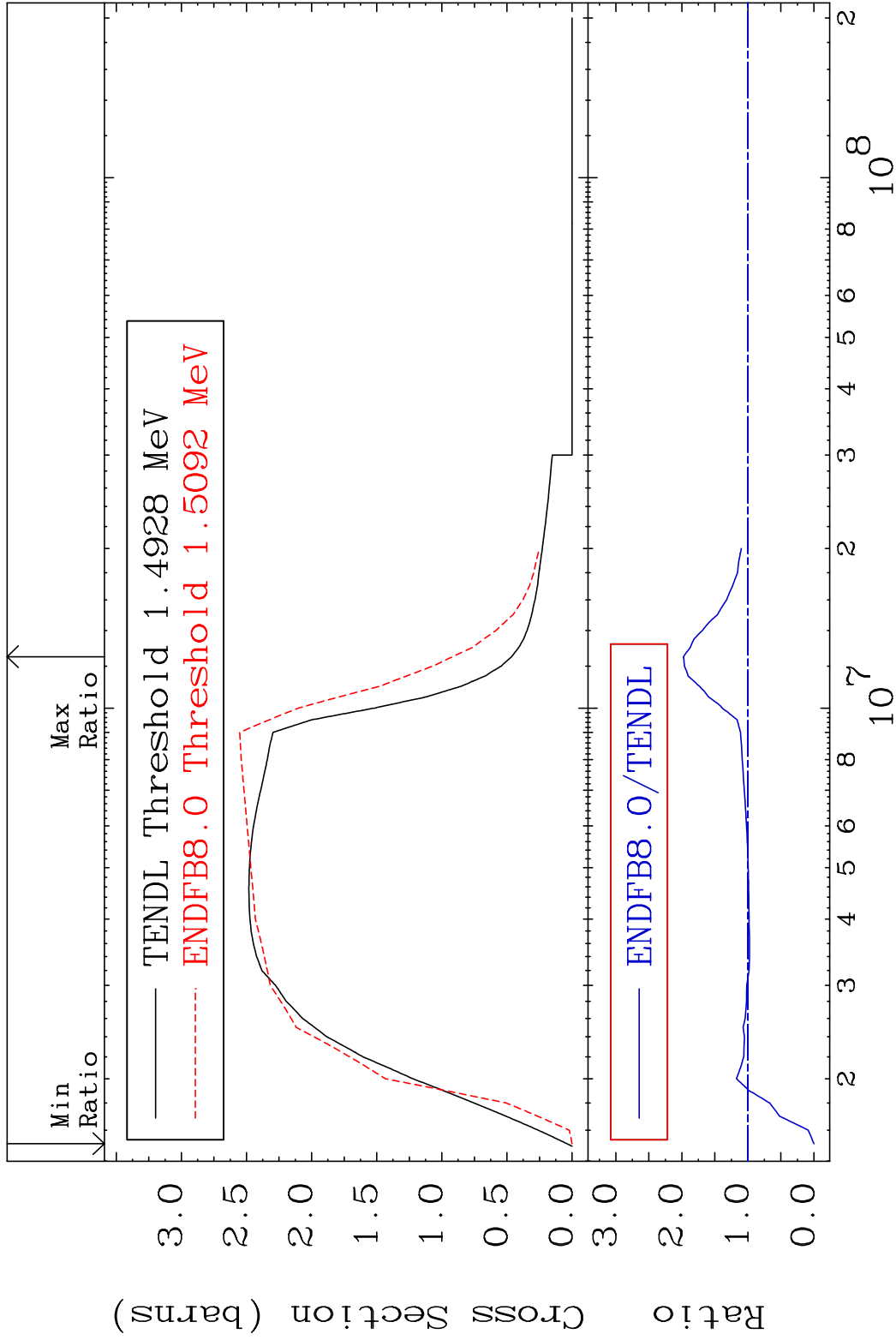
MAT 6831 MT= 65 (n, n') Level 68-Er-164
 Cross Section -100.0 To -33.90%



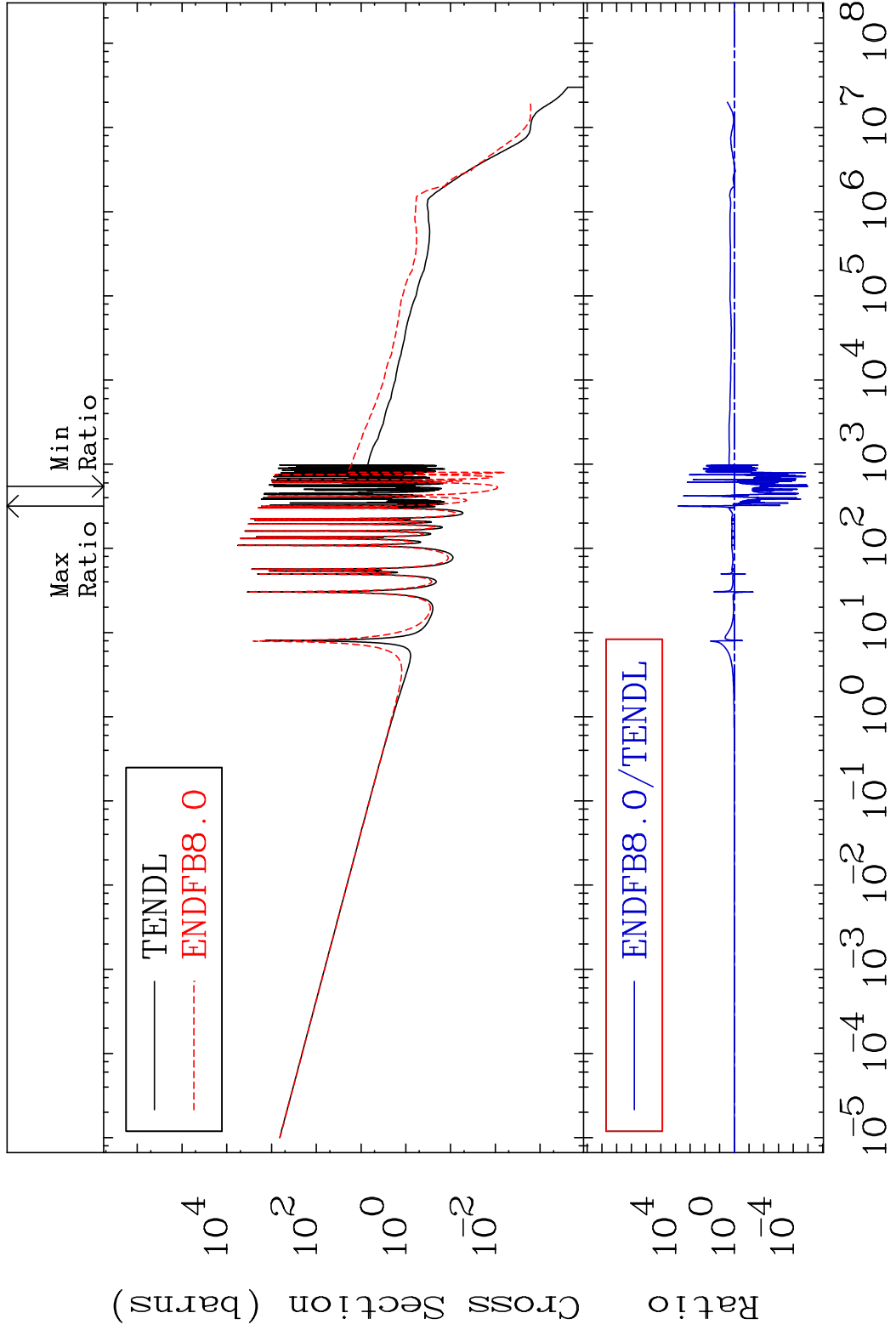
MAT 6831 MT= 66 (n, n') Level 68-Er-164
 Cross Section -100.0 To -29.20%

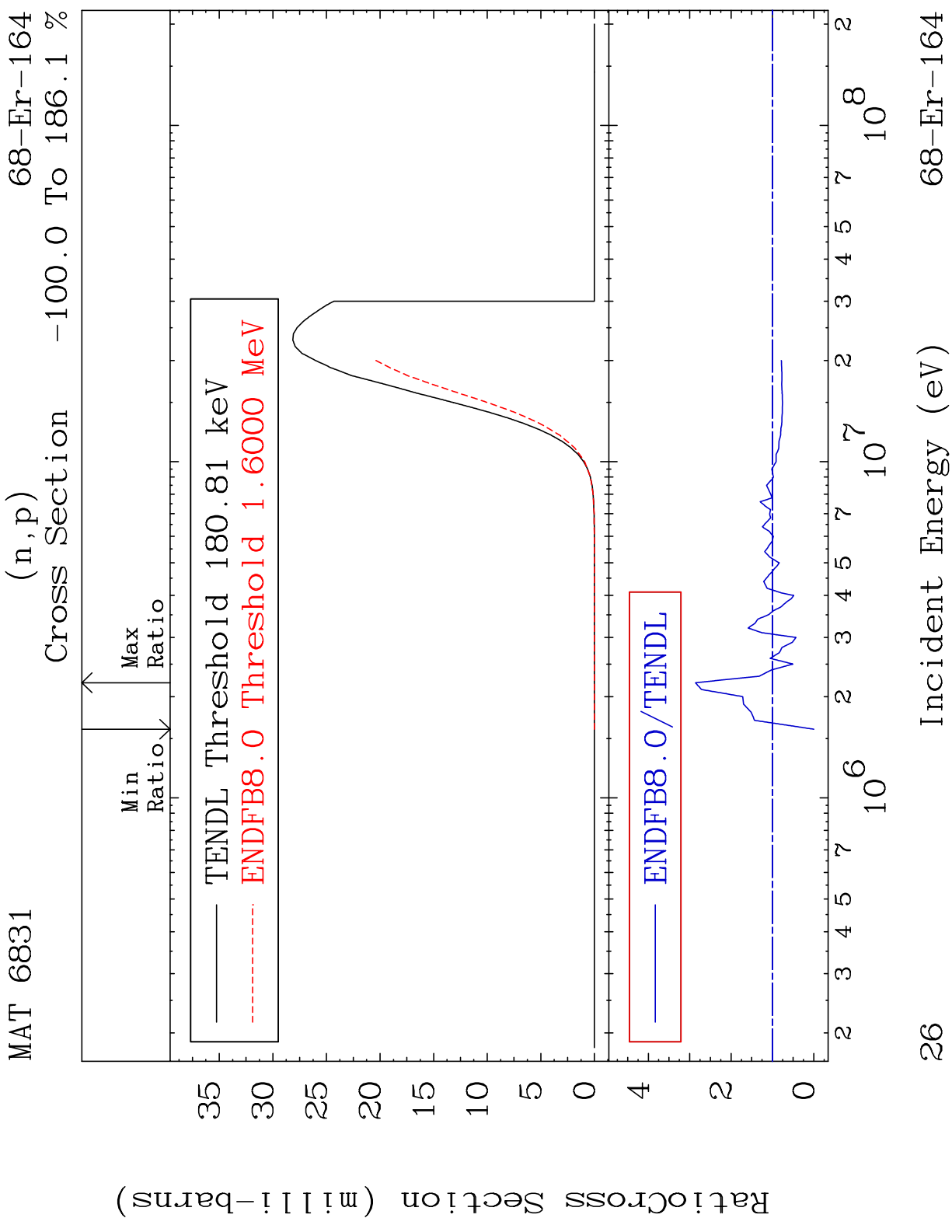


MAT 6831 (n, n') Continuum 68-Er-164
 Cross Section -100.0 To 97.56 %

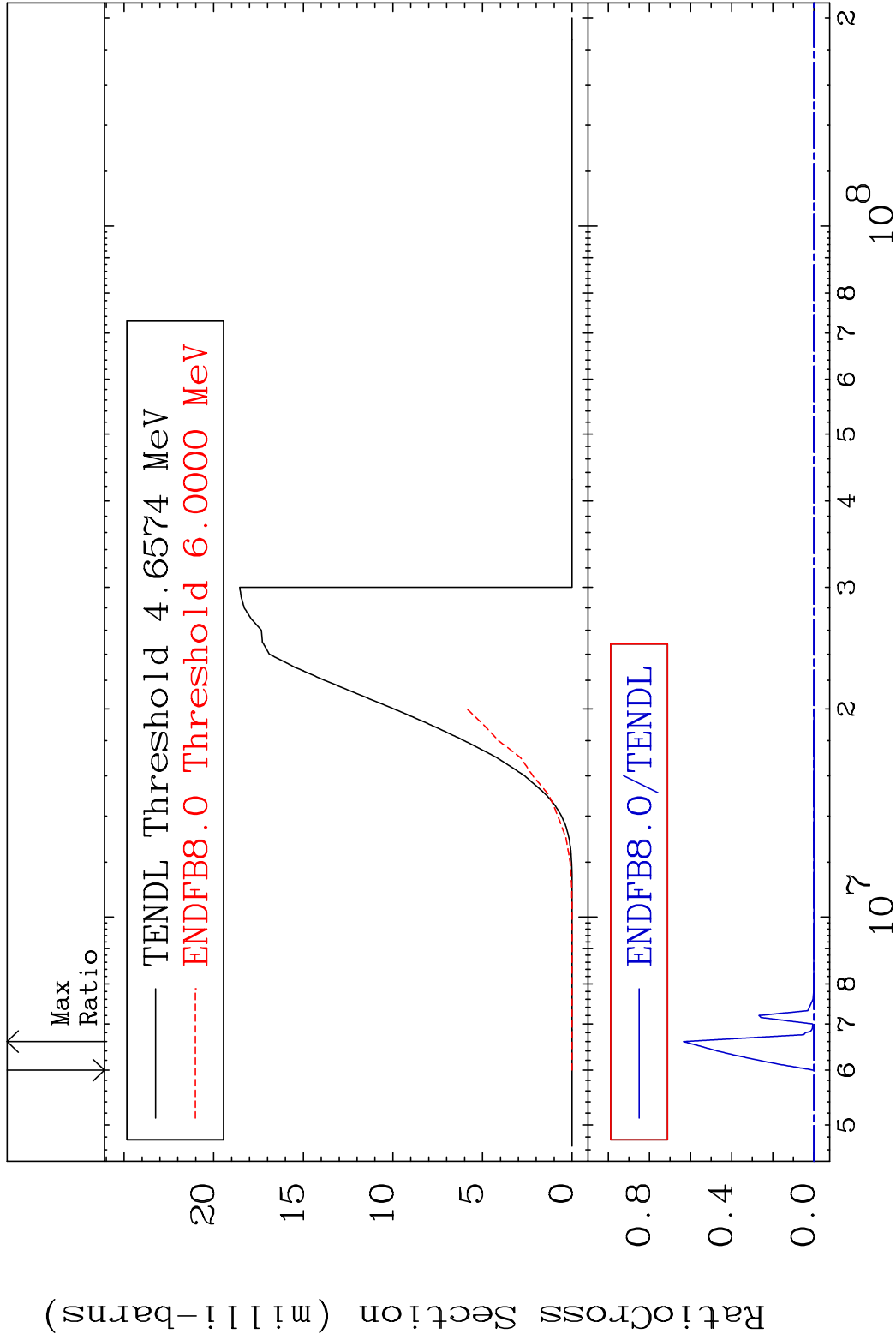


MAT 6831 (n, γ) 68-Er-164
 Cross Section -100.0 To 9999. %

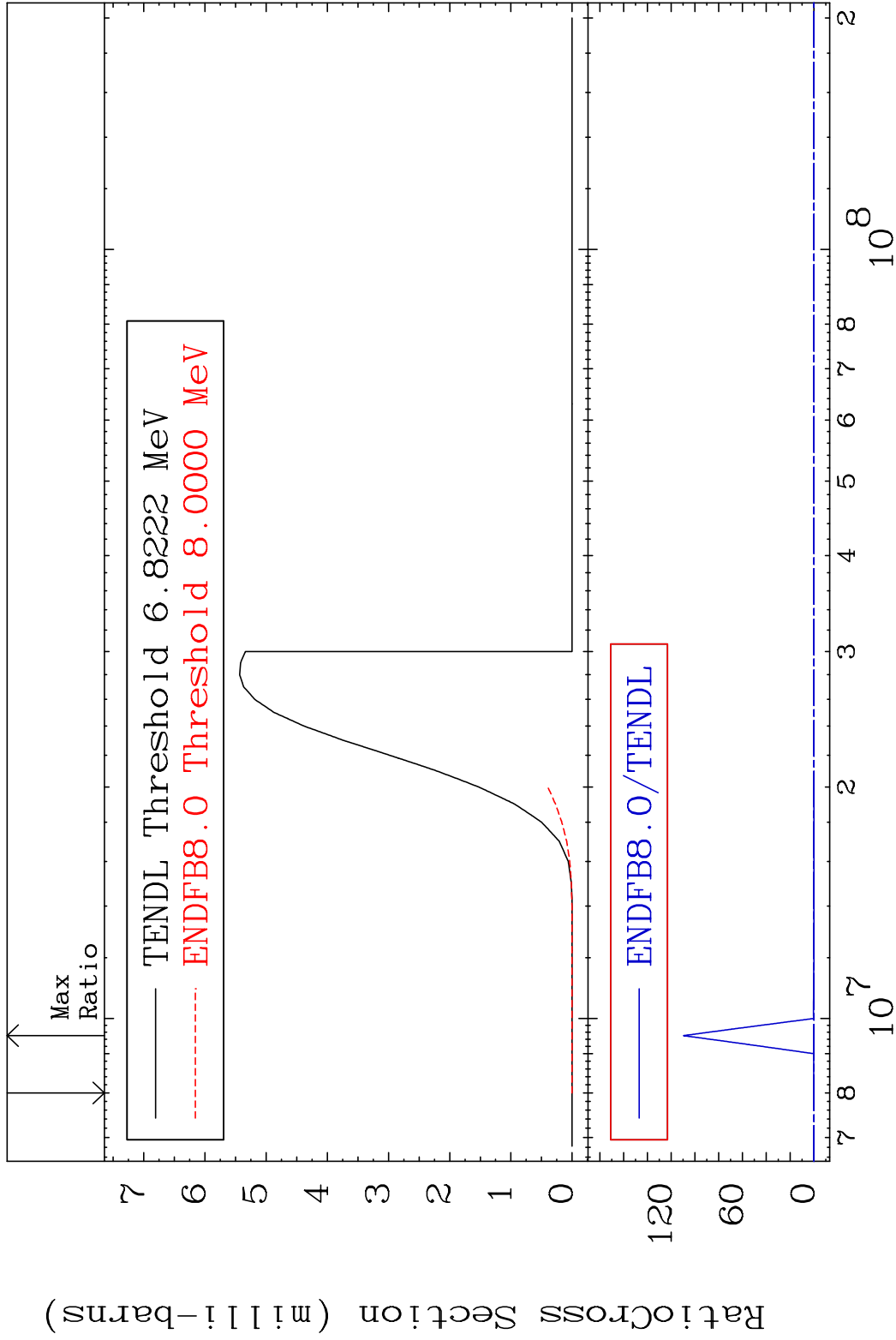




MAT 6831 (n, d) 68-Er-164
 Cross Section -100.0 To 9999. %



MAT 6831 (n, t) 68-Er-164
 Cross Section -100.0 To 9999. %

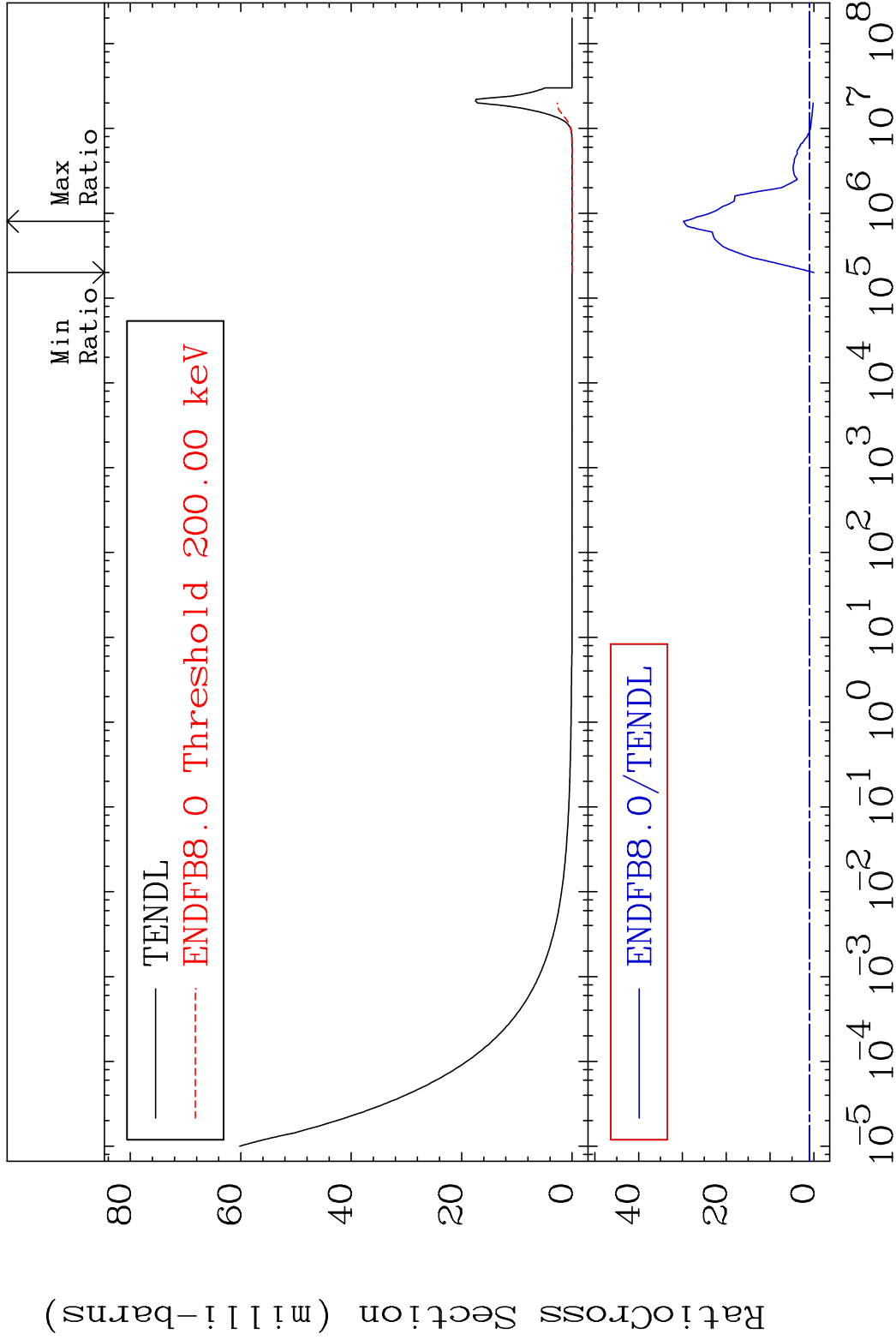


MAT 6831

(n, α)

68-Er-164

Cross Section -100.0 To 2876. %



29

Incident Energy (eV)

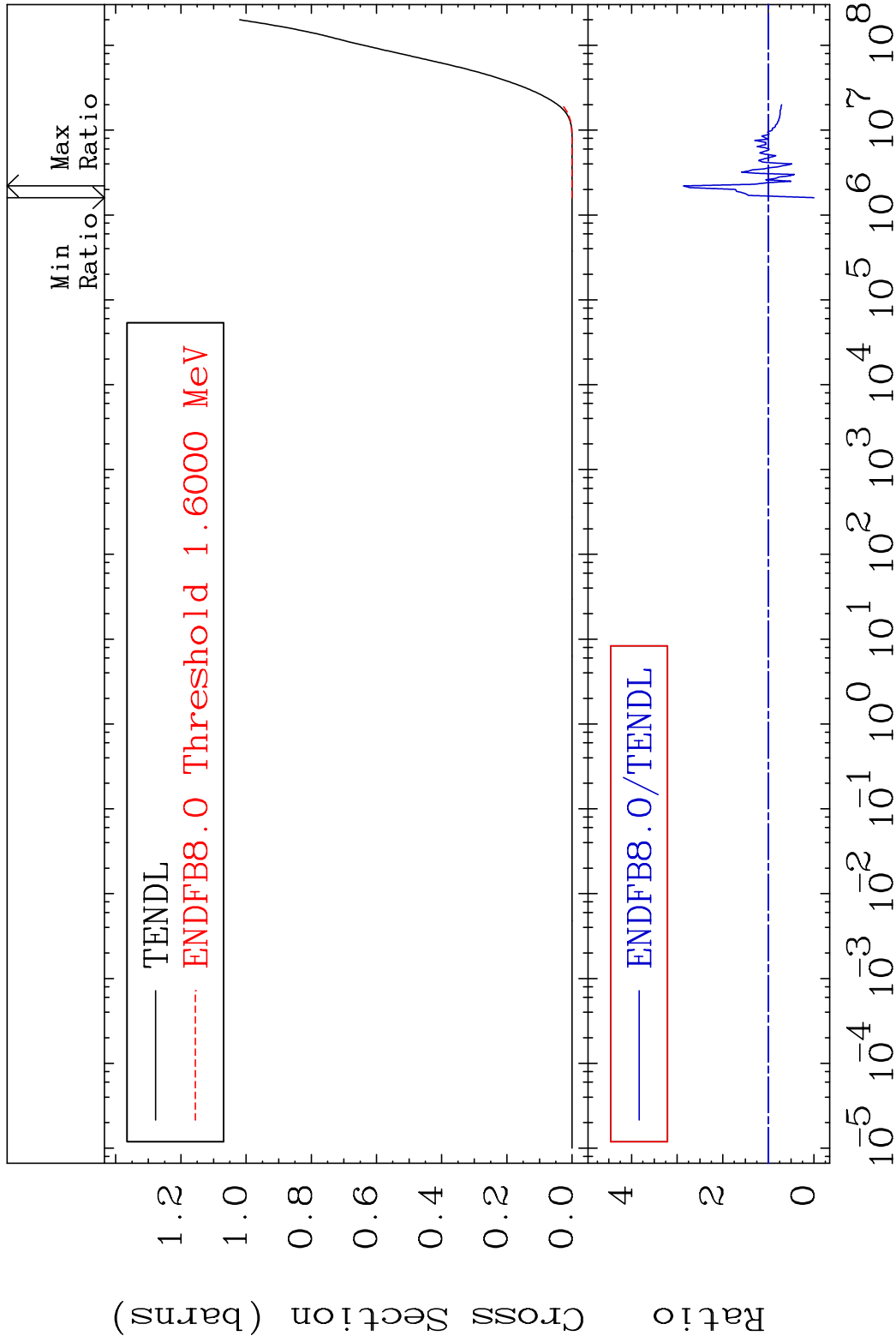
68-Er-164

MAT 6831

Hydrogen Production

68-Er-164

Cross Section -100.0 To 186.1 %

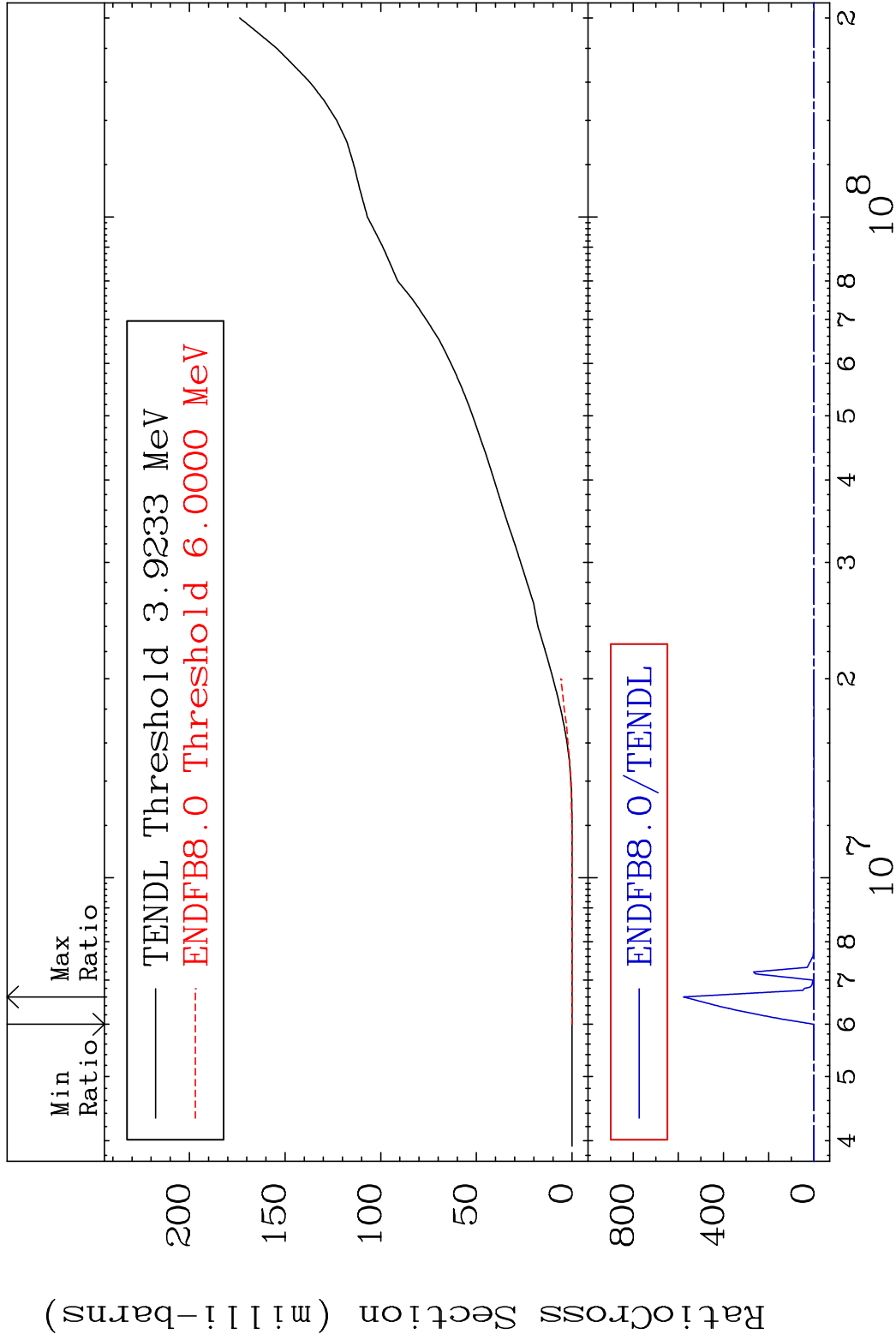


30

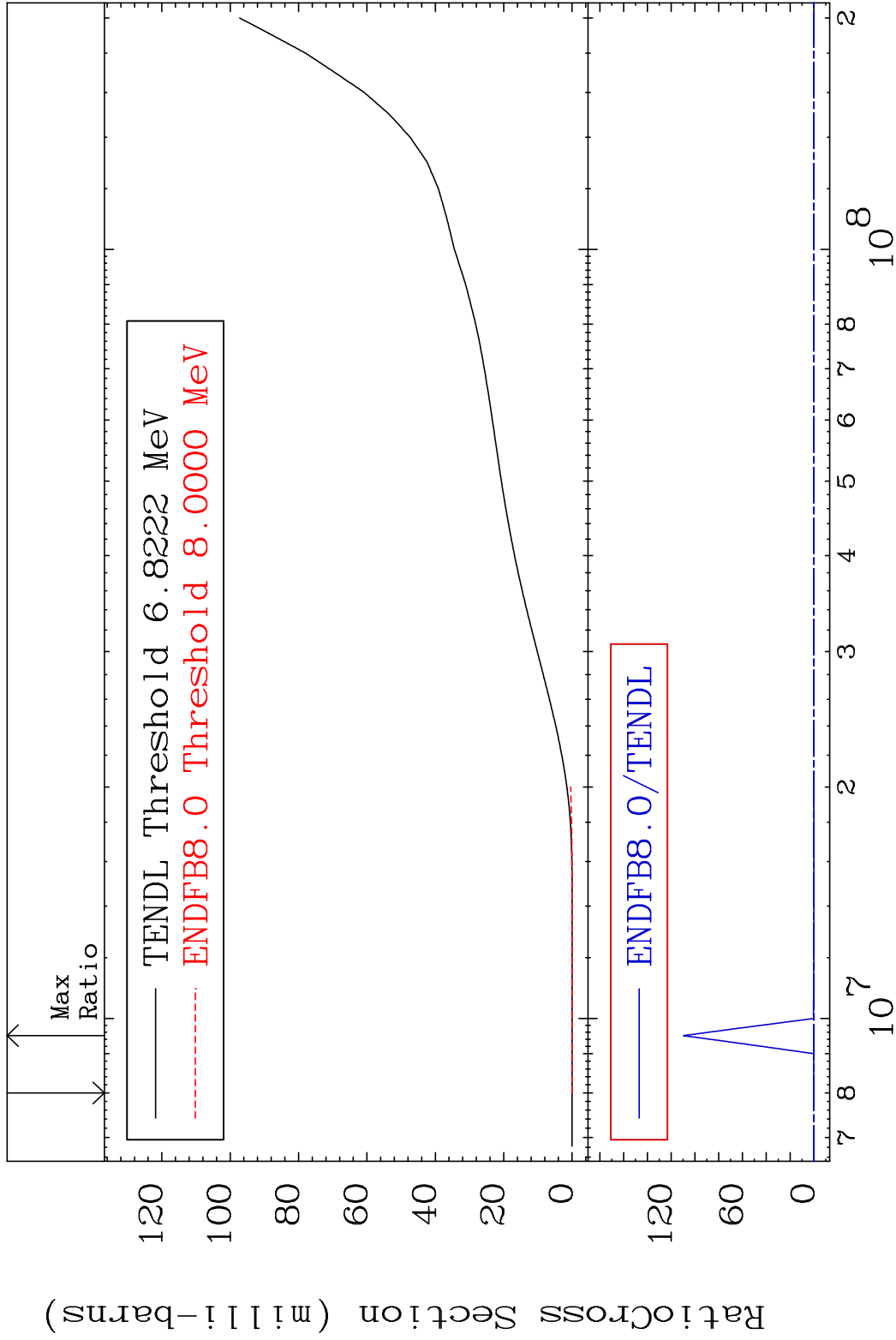
Incident Energy (eV)

68-Er-164

MAT 6831 Deuterium Production 68-Er-164
 Cross Section -100.0 To 9999. %



MAT 6831 Tritium Production 68-Er-164
 Cross Section -100.0 To 9999. %



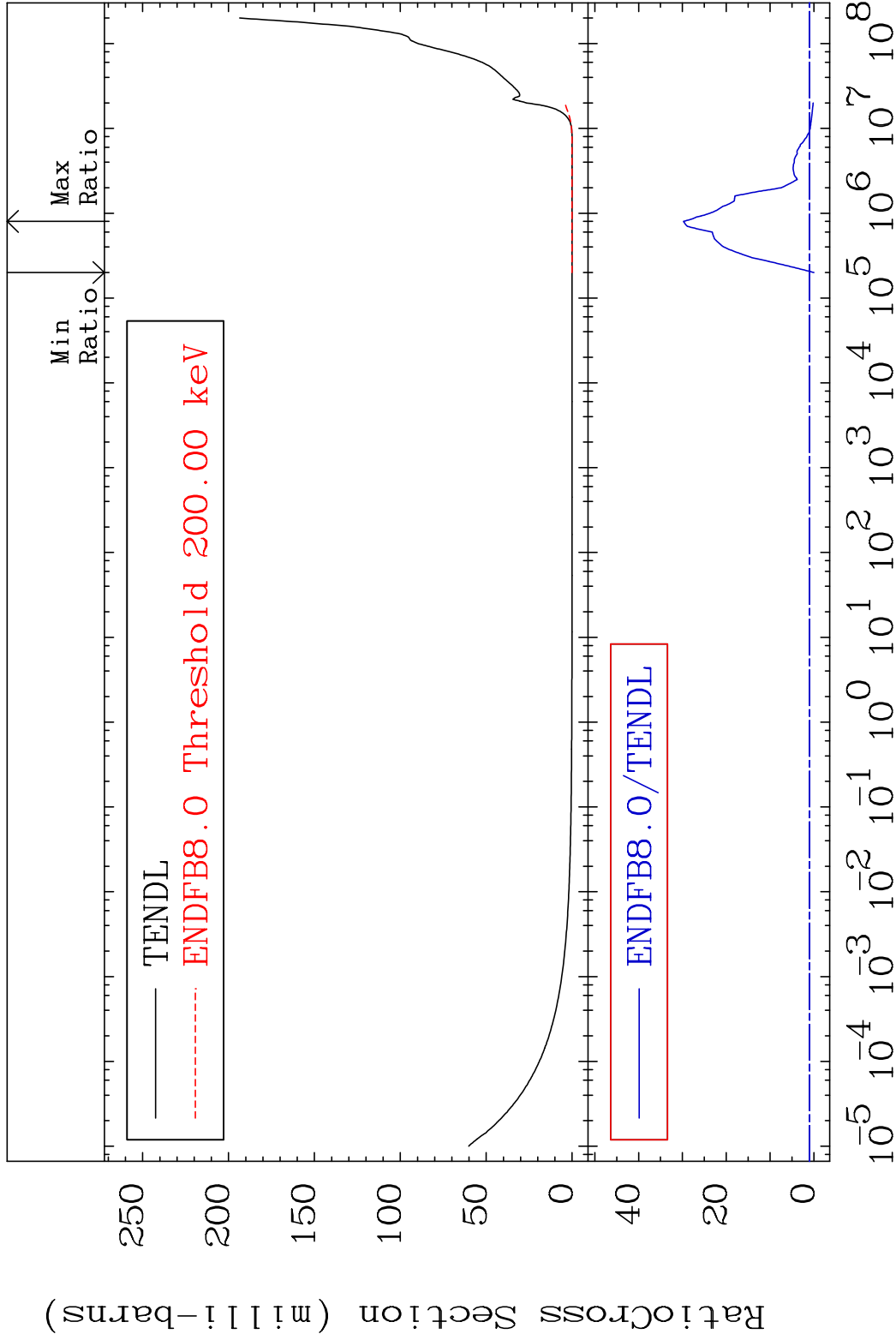
32 68-Er-164

MAT 6831

He-4 Production

68-Er-164

Cross Section -100.0 To 2876. %

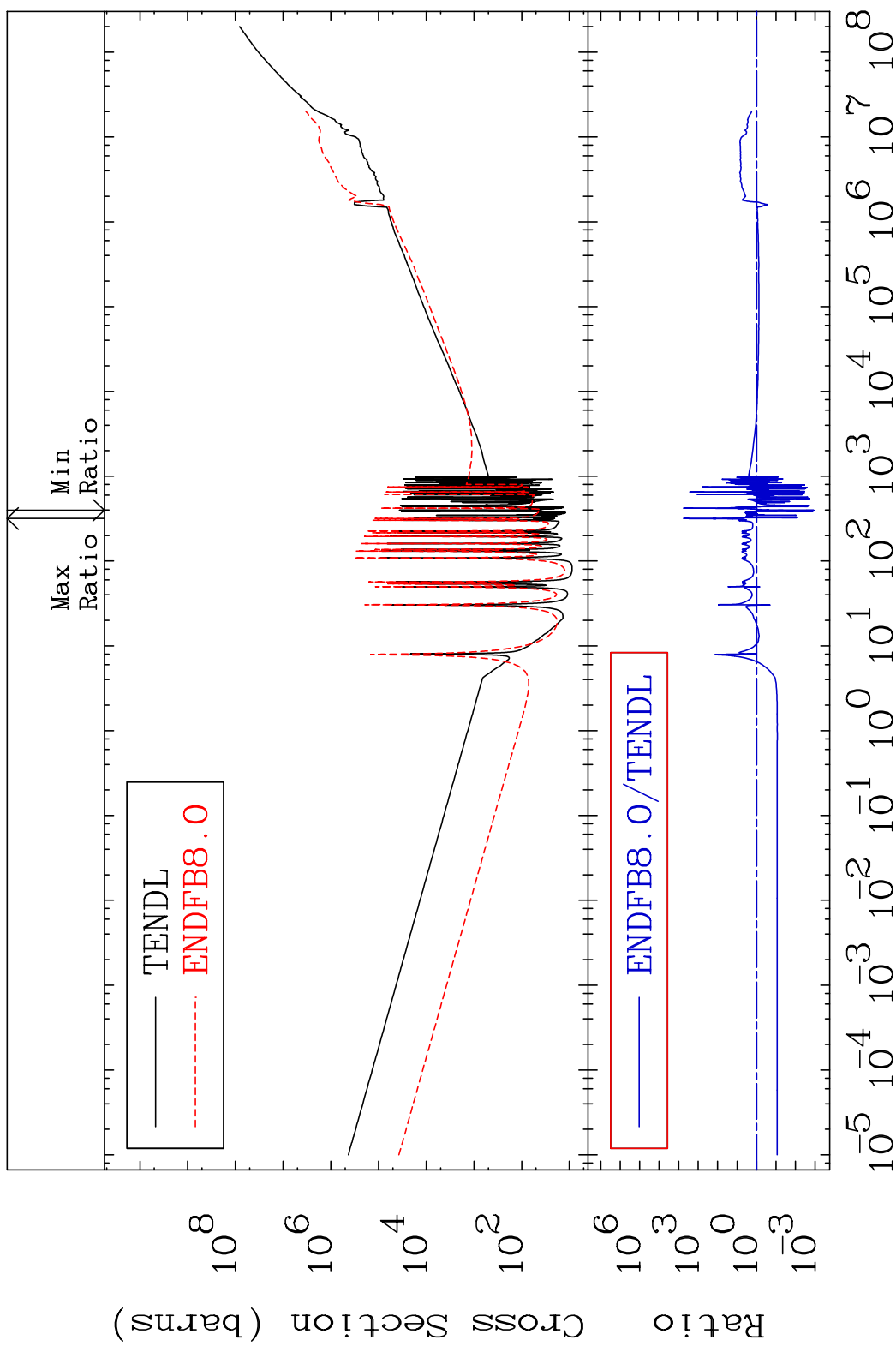


33

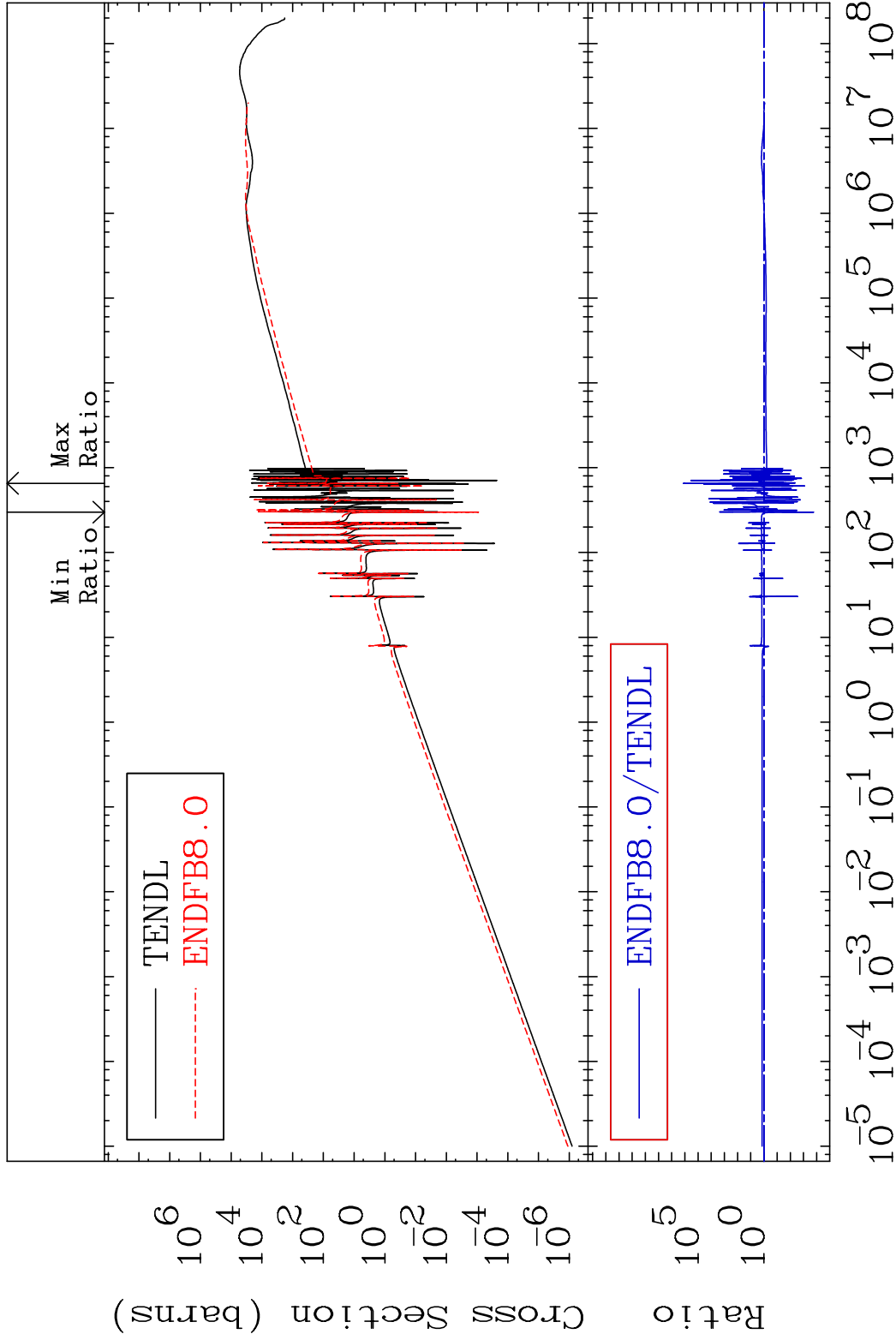
Incident Energy (eV)

68-Er-164

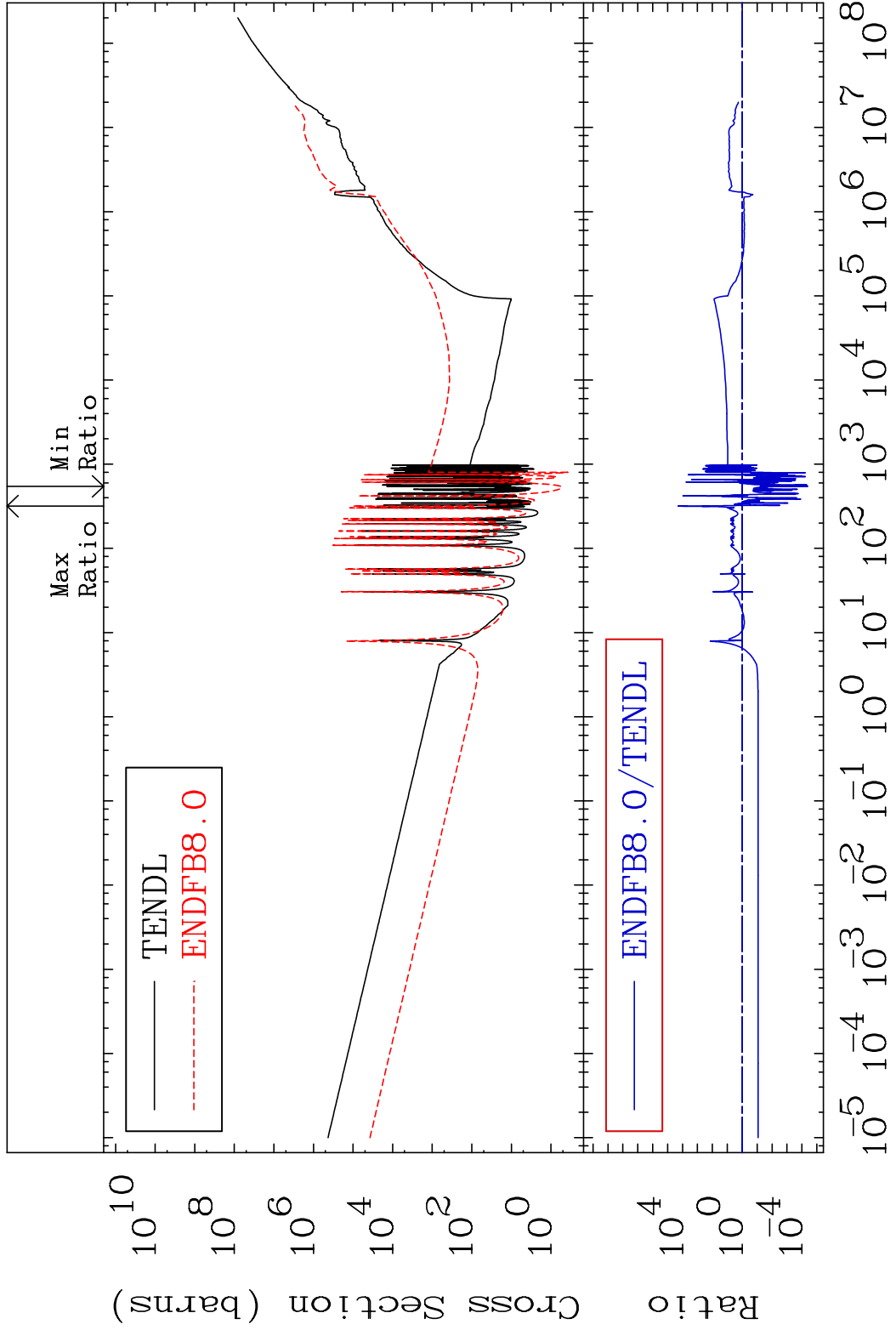
MAT 6831 Kerma total (eV-barns) 68-Er-164
 Cross Section -99.89 To 9999. %



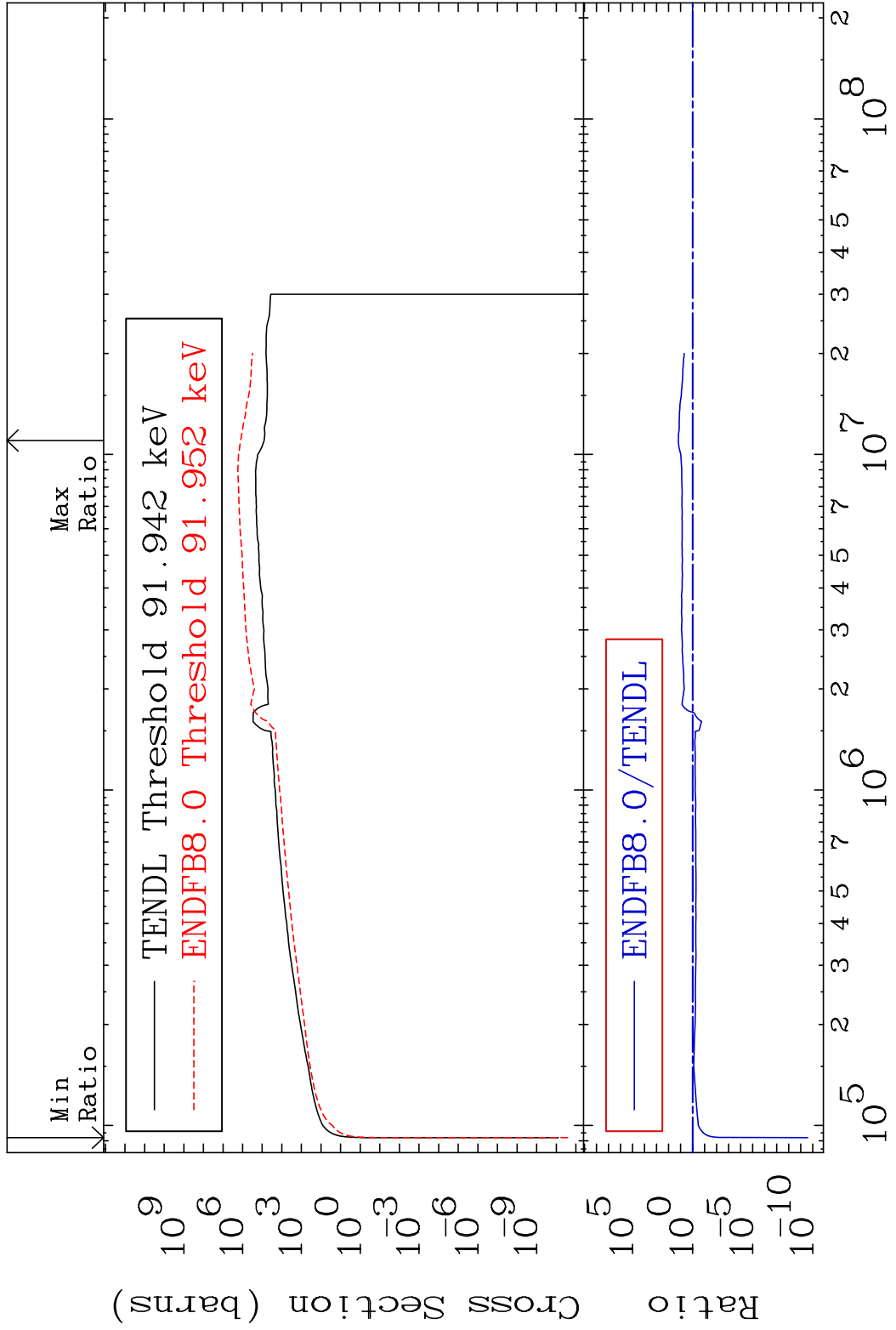
MAT 6831 Kerma elastic 68-Er-164
 Cross Section -99.98 To 9999. %



MAT 6831 Kerma non-elastic (all but mt2) 68-Er-164
 Cross Section -100.0 To 9999. %

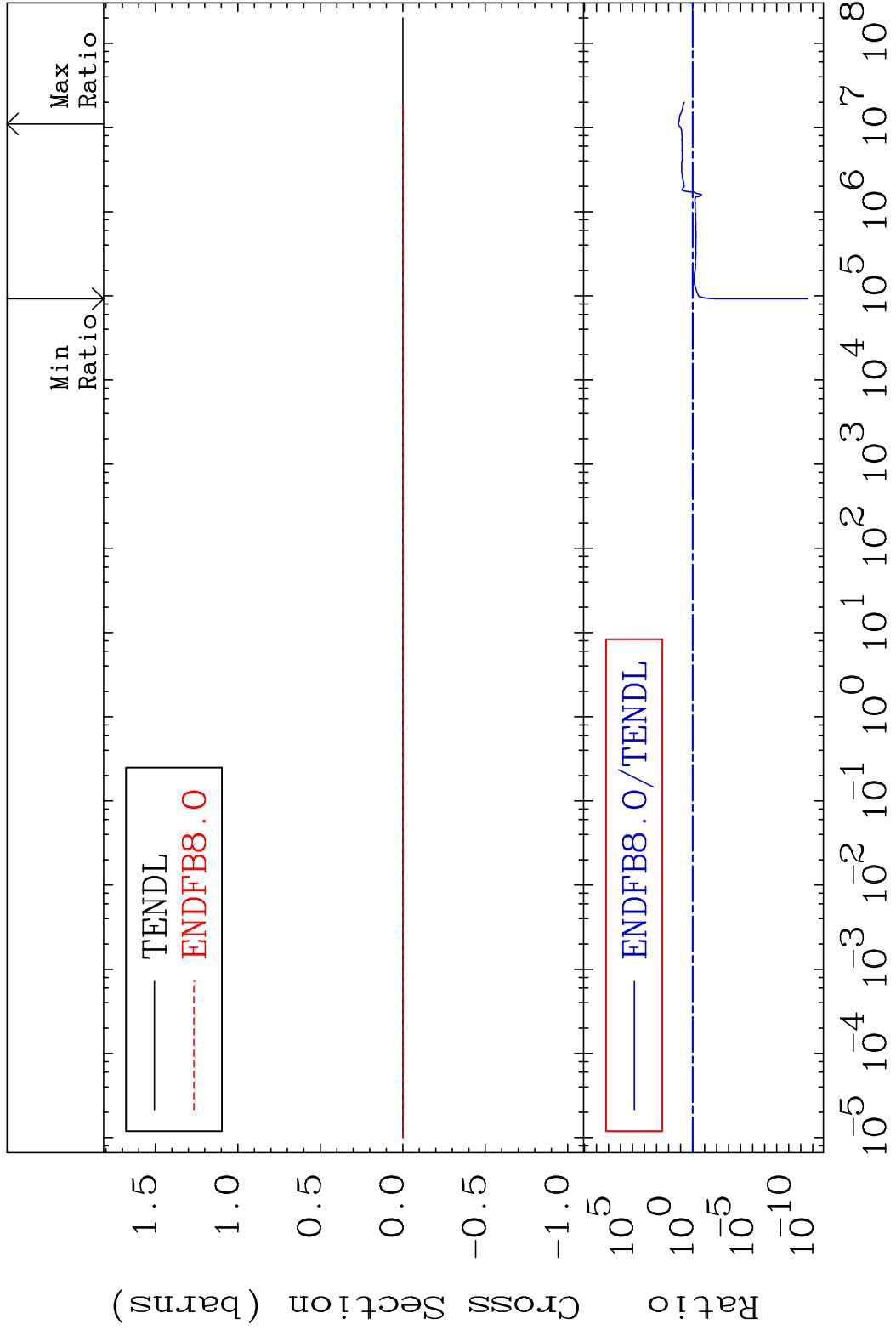


MAT 6831 Kerma inelastic (mt51-91) 68-Er-164
 Cross Section -100.0 To 1442. %

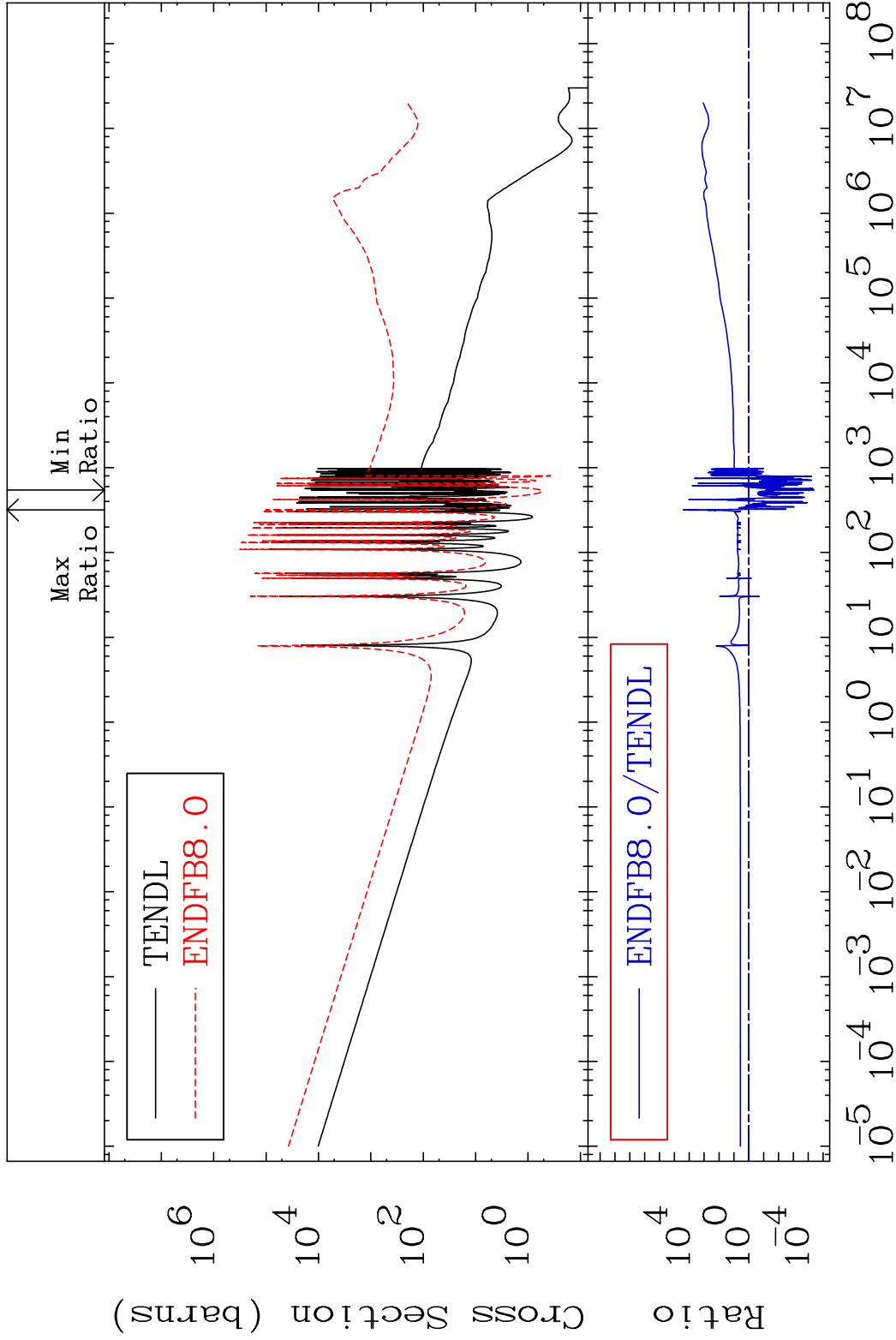


37 Incident Energy (eV) 68-Er-164

MAT 6831 Kerma fission (mt18 or mt19-20-21-38) 68-Er-164
 Cross Section -100.0 To 1442. %

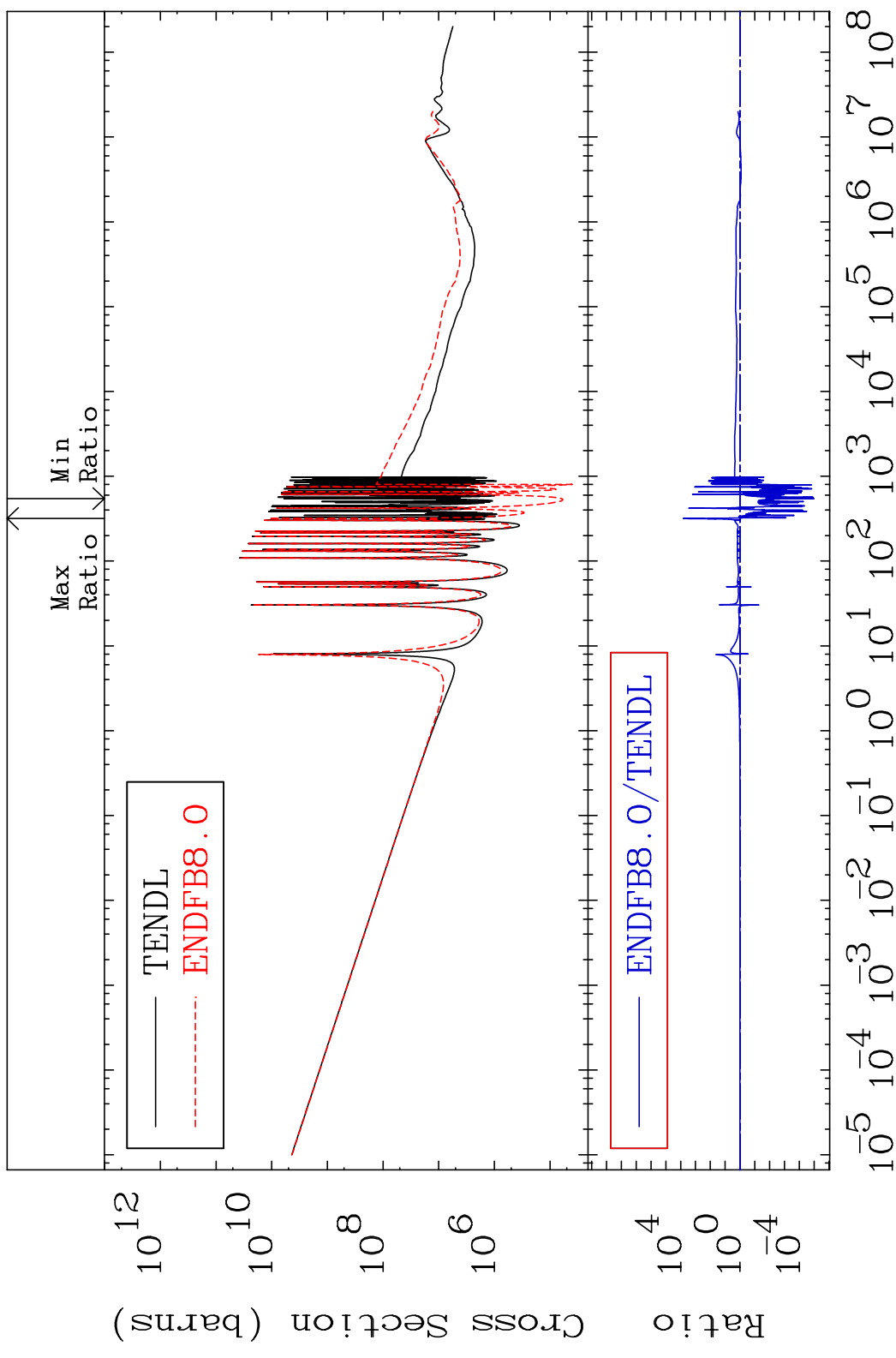


MAT 6831 Kerma capture (mt102) 68-Er-164
 Cross Section -100.0 To 9999. %



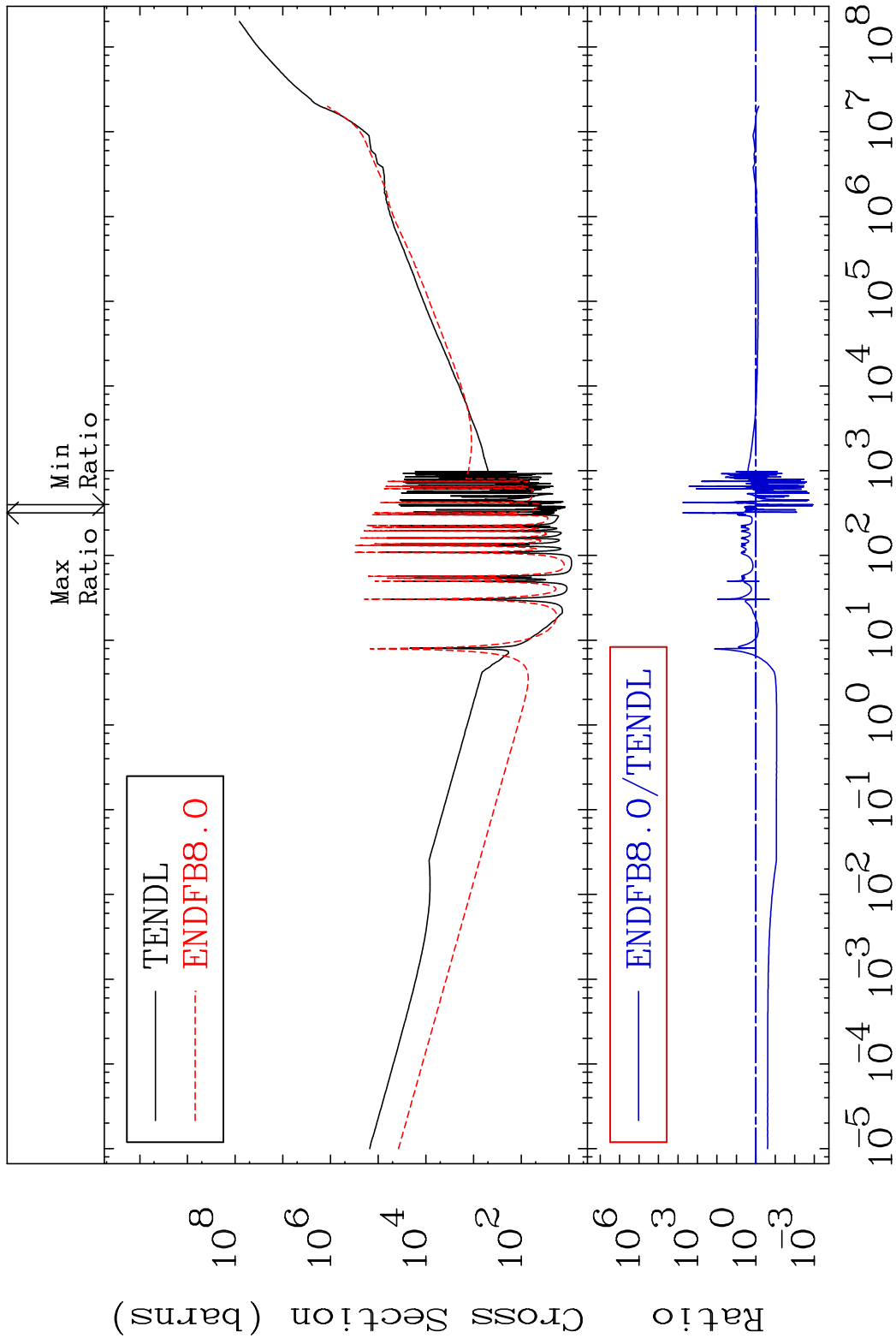
39 Incident Energy (eV) 68-Er-164

MAT 6831 Total photon (eV-barns) 68-Er-164
 Cross Section -100.0 To 9999. %

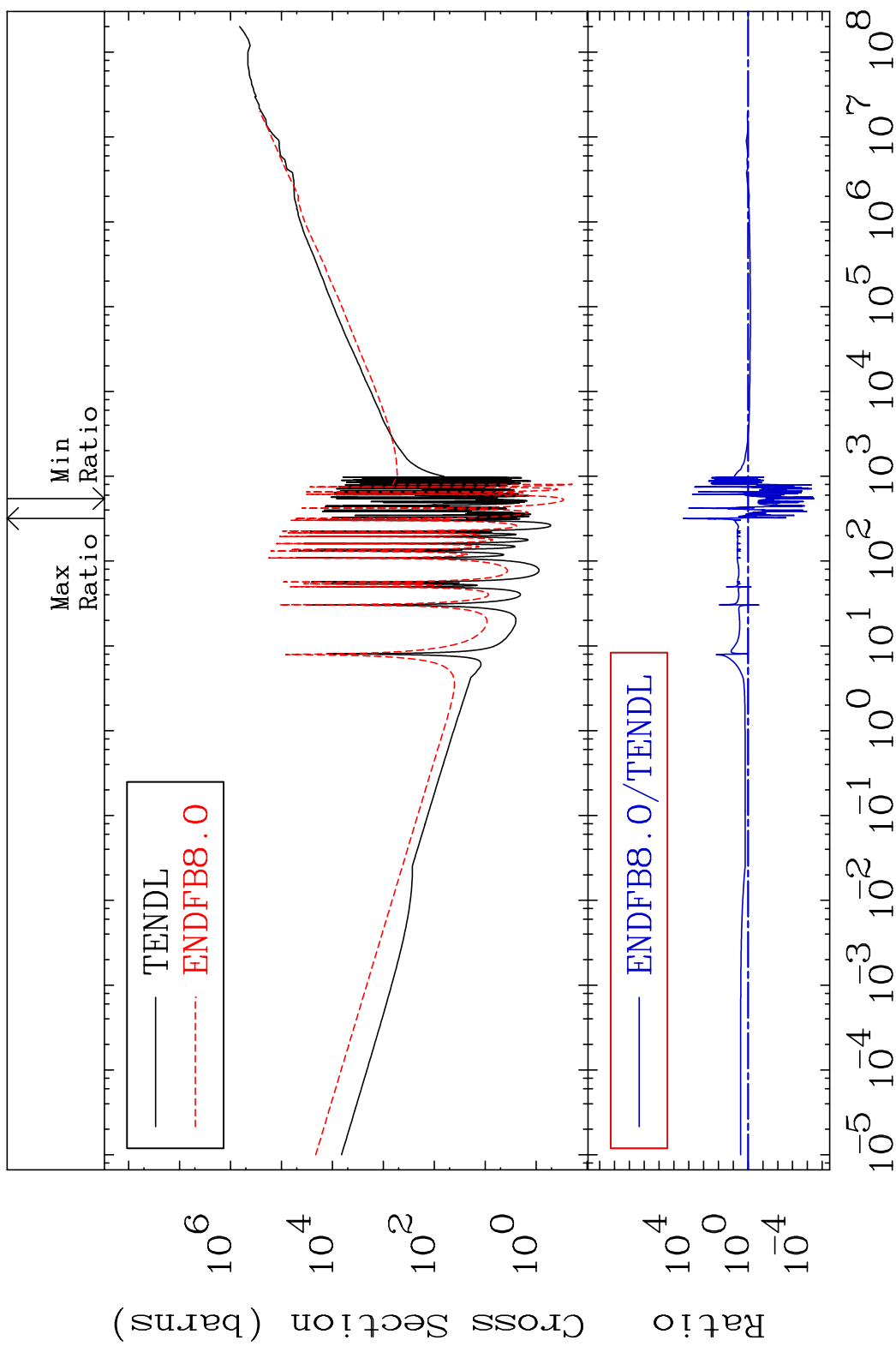


40 Incident Energy (eV) 68-Er-164

MAT 6831 Total kinematic kerma (high limit) 68-Er-164
 Cross Section -99.89 To 9999. %



MAT 6831 Dpa total (eV-barns) 68-Er-164
 Cross Section -100.0 To 9999. %

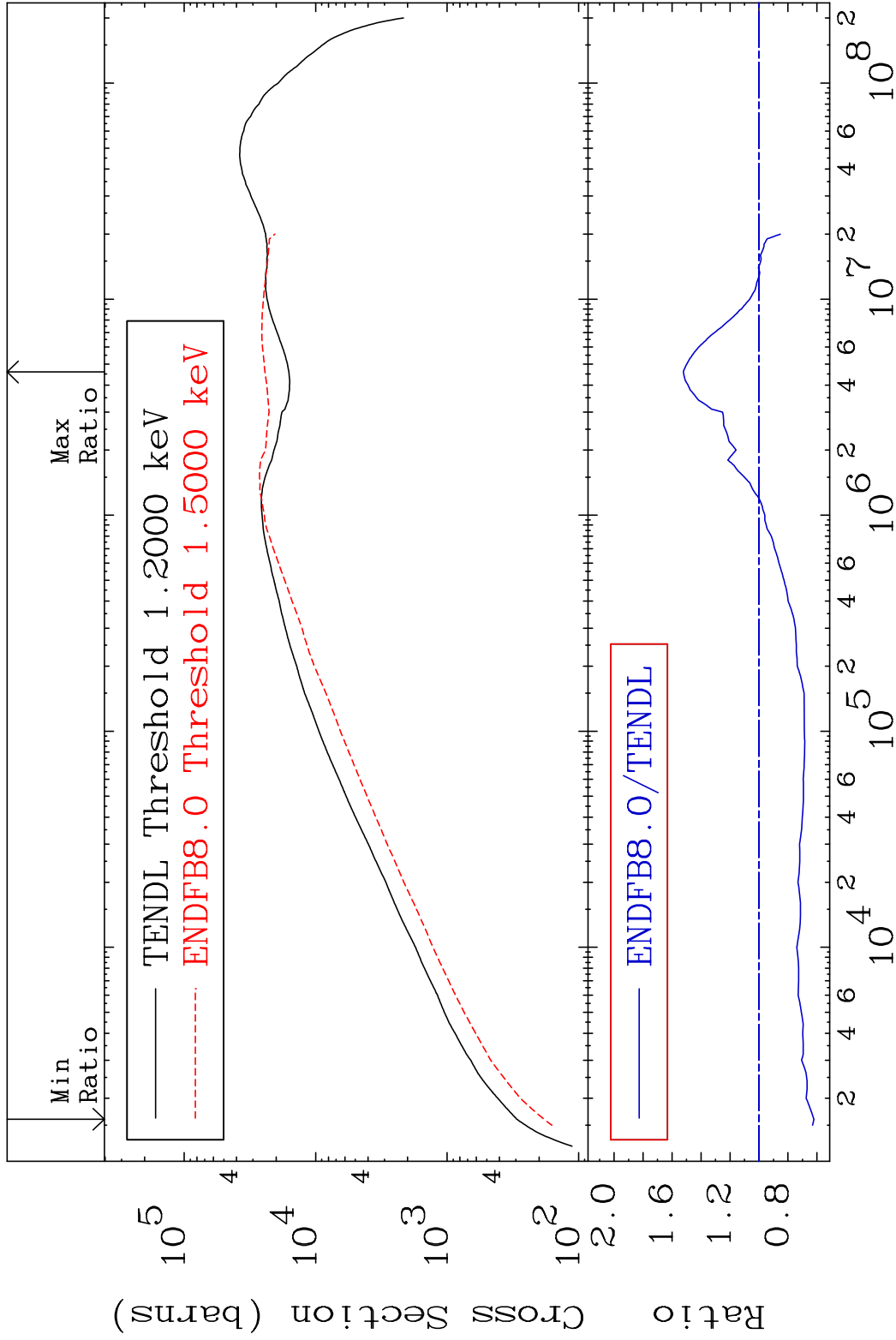


MAT 6831

Dpa elastic (mt2)

68-Er-164

Cross Section -37.92 To 52.12 %

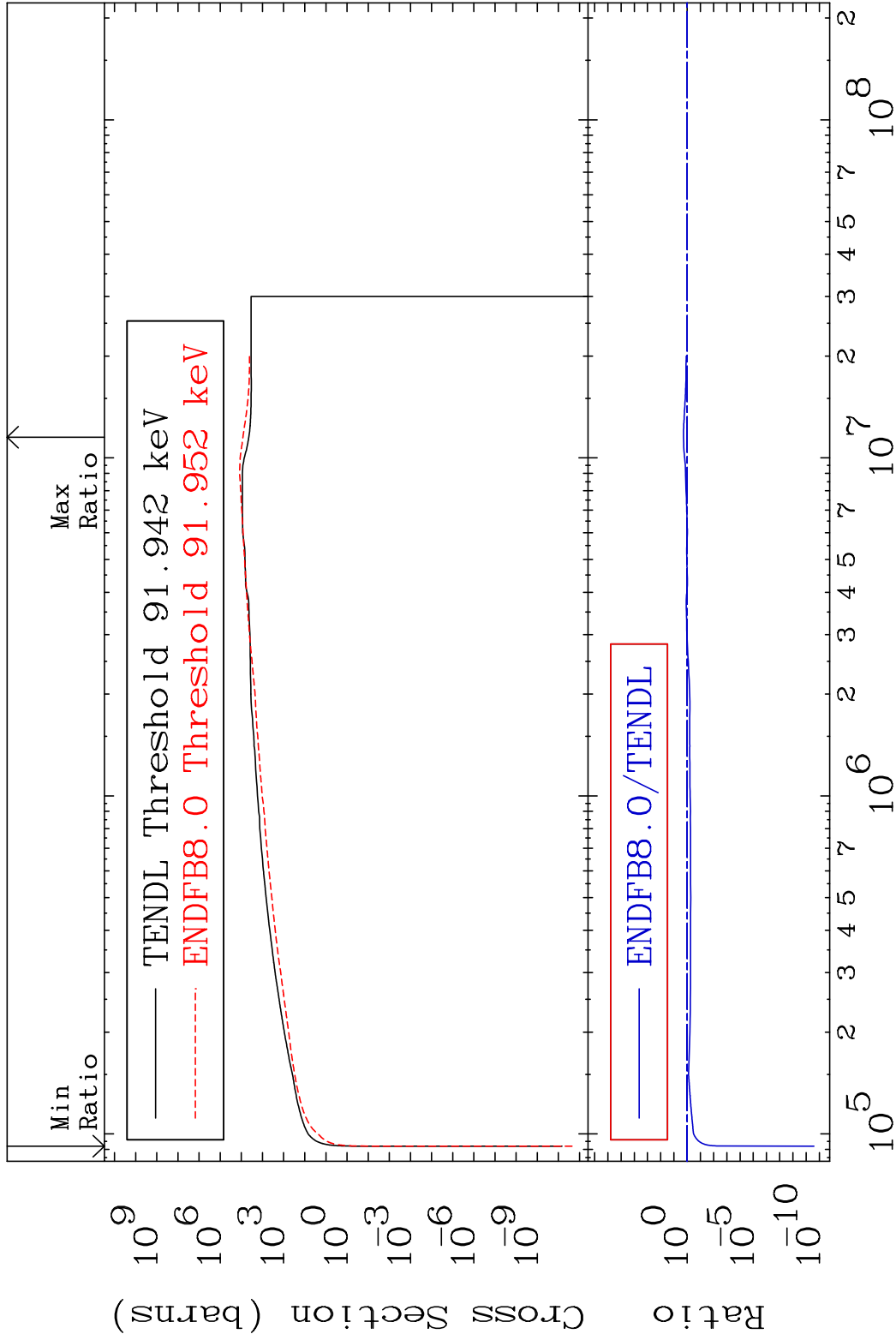


43

Incident Energy (eV)

68-Er-164

MAT 6831 Dpa inelastic (mt51-91) 68-Er-164
 Cross Section -100.0 To 90.40 %



44 Incident Energy (eV) 68-Er-164

MAT 6831 Dpa disappearance (mt102 -120) 68-Er-164
 Cross Section -100.0 To 9999. %

