

Program Complot
(Version 2021-1)

by

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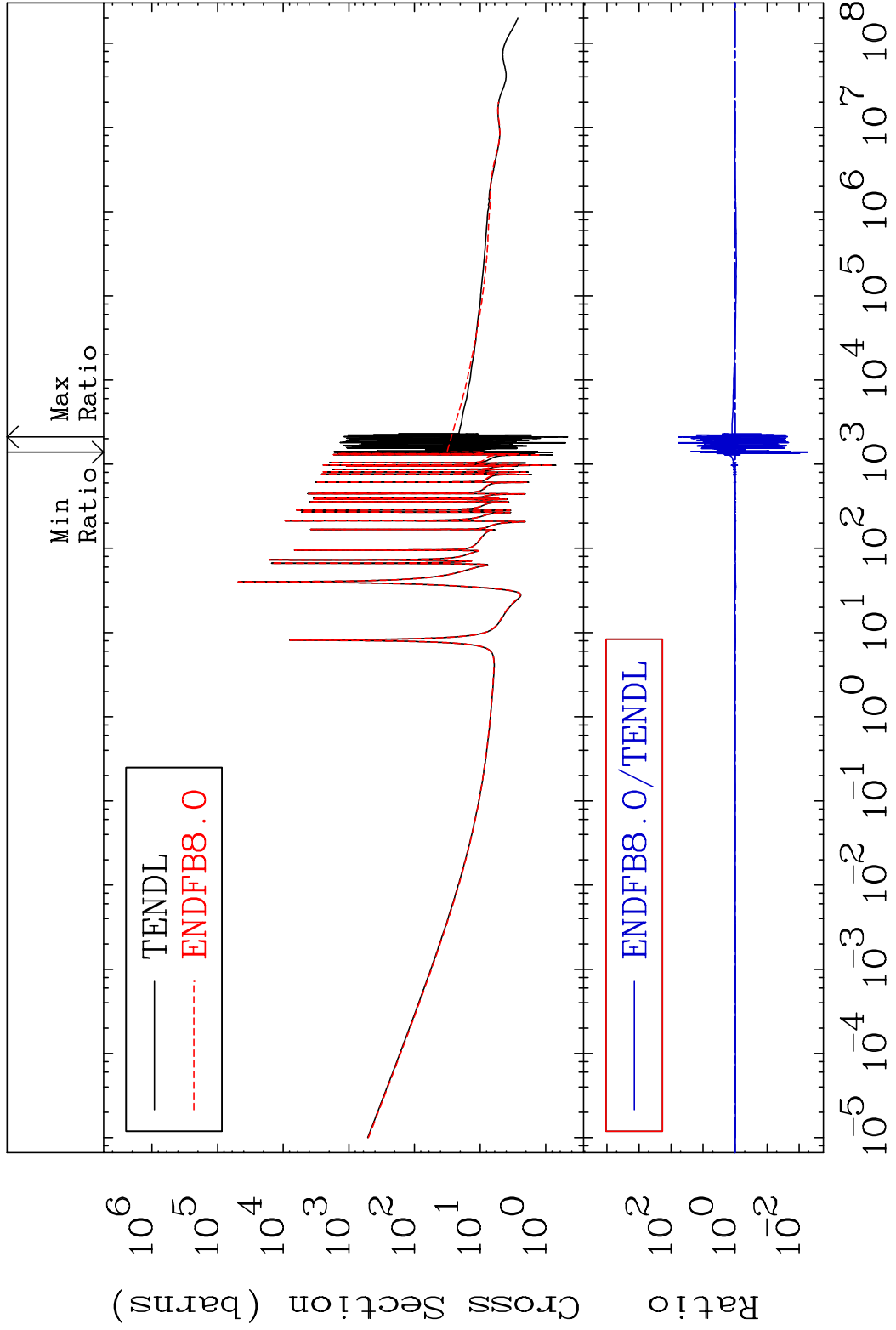
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

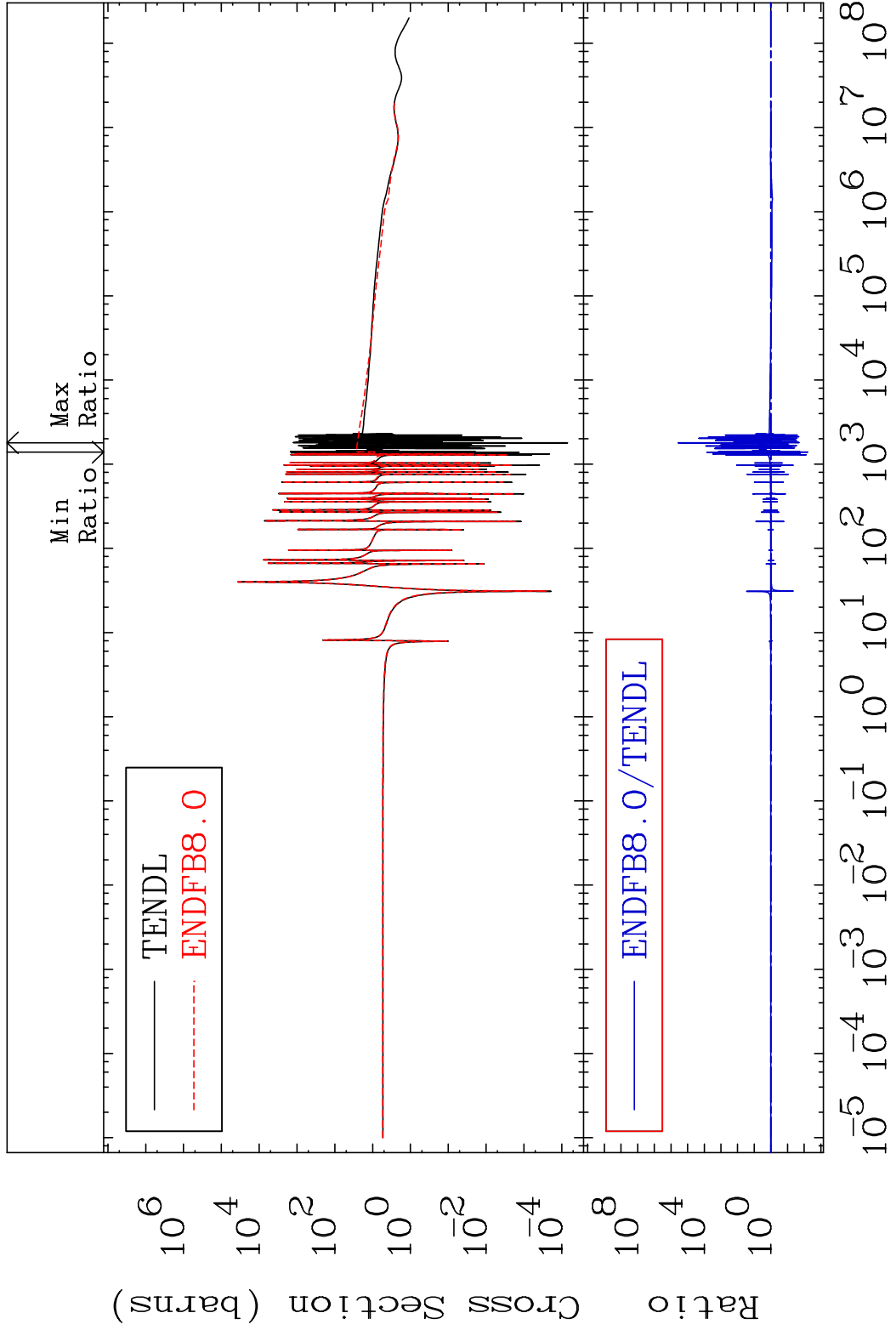
Press Mouse Button to Start

MAT 7031 Total 70-Yb-170
 Cross Section -99.46 To 5836. %



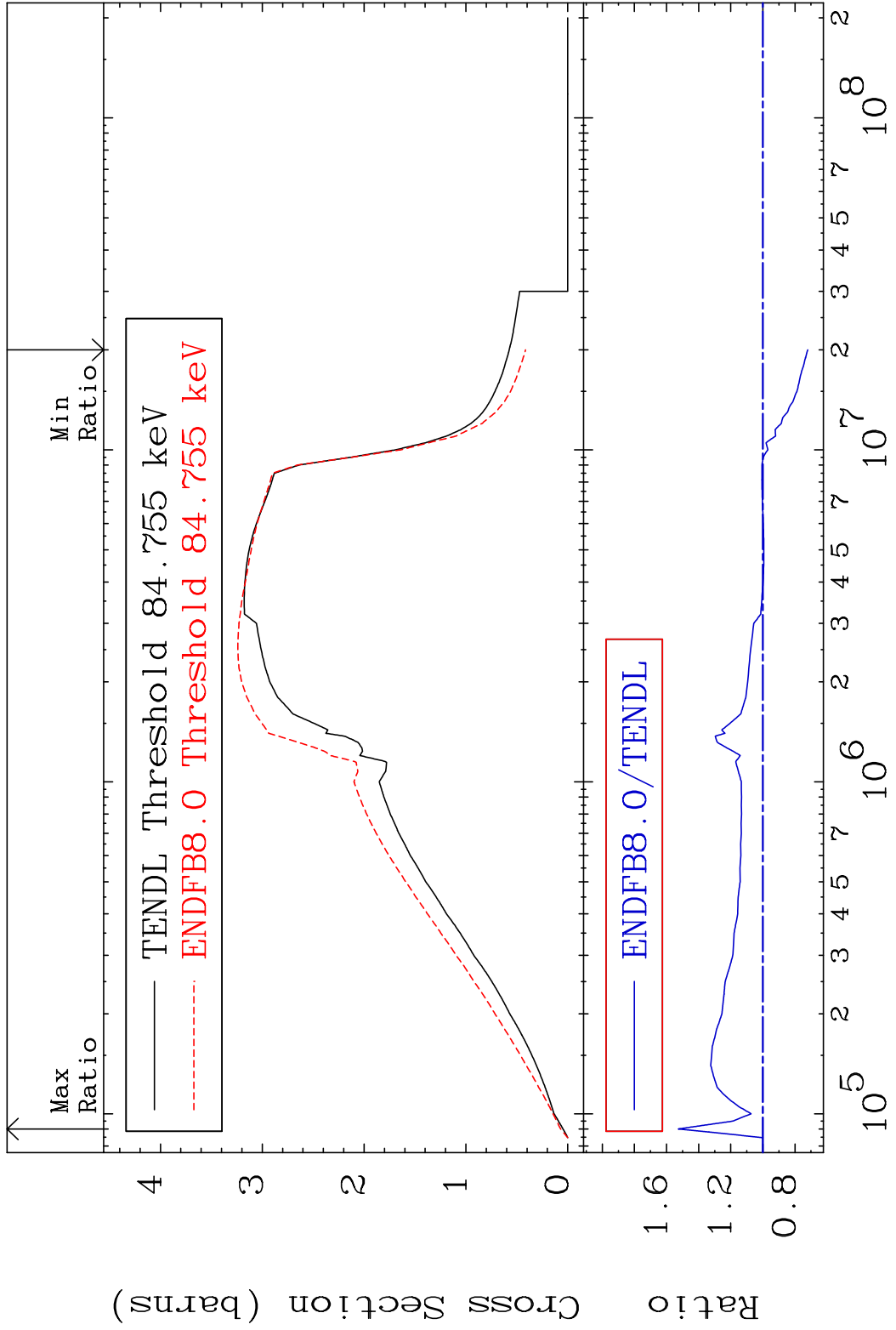
1 Incident Energy (eV) 70-Yb-170

MAT 7031 Elastic Cross Section -99.38 To 9999. % 70-Yb-170

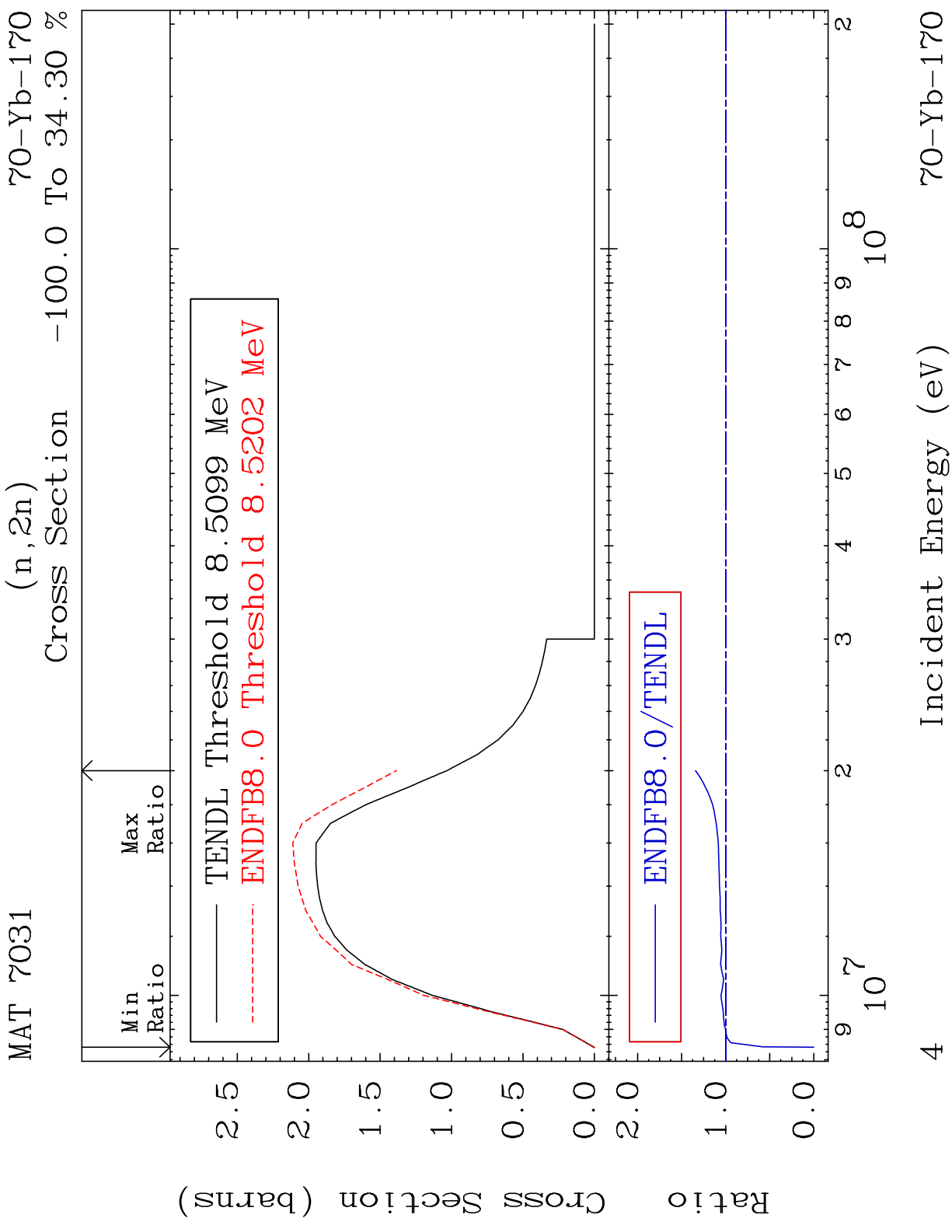


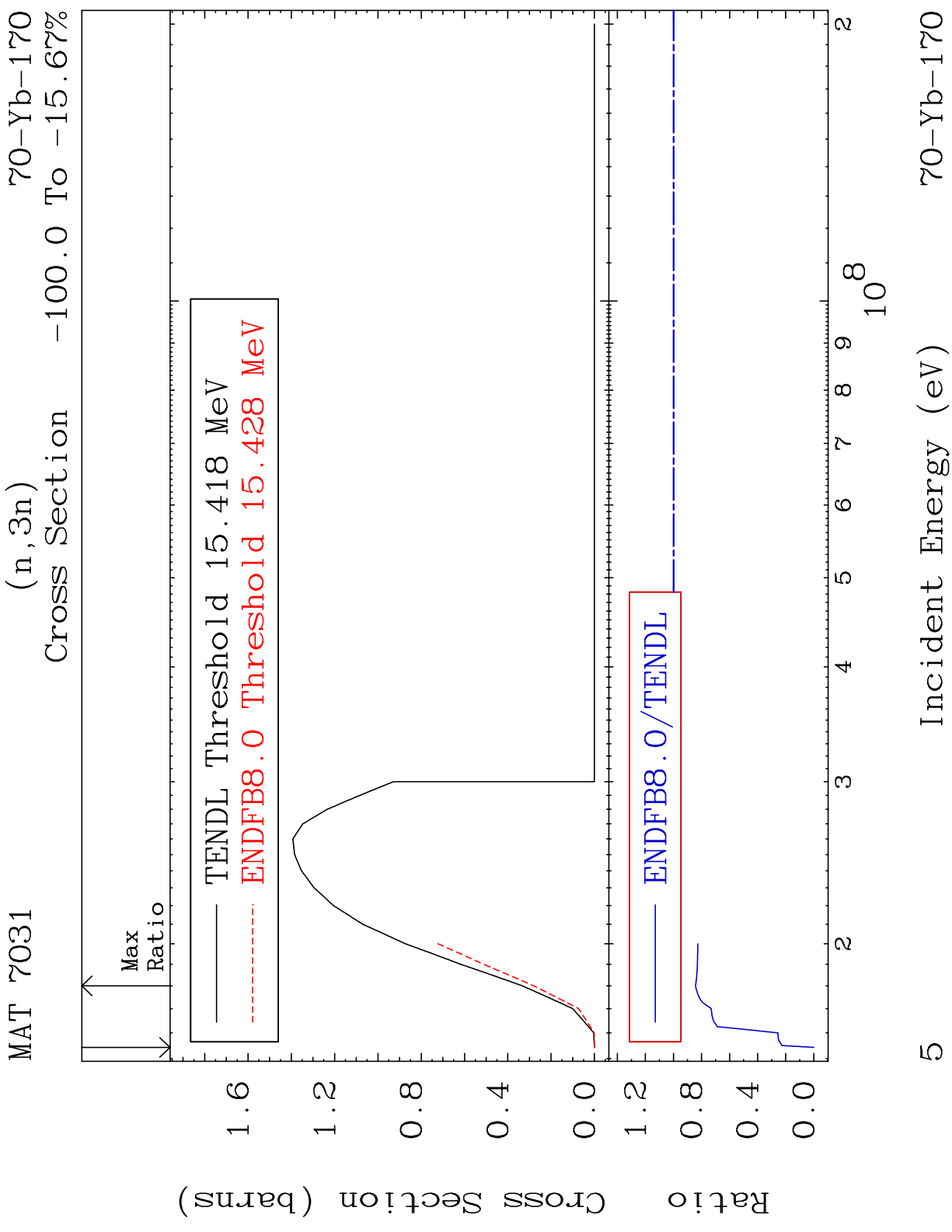
2 Incident Energy (eV) 70-Yb-170

MAT 7031 Inelastic Cross Section -27.93 To 52.70 % 70-Yb-170



3 Incident Energy (eV) 70-Yb-170



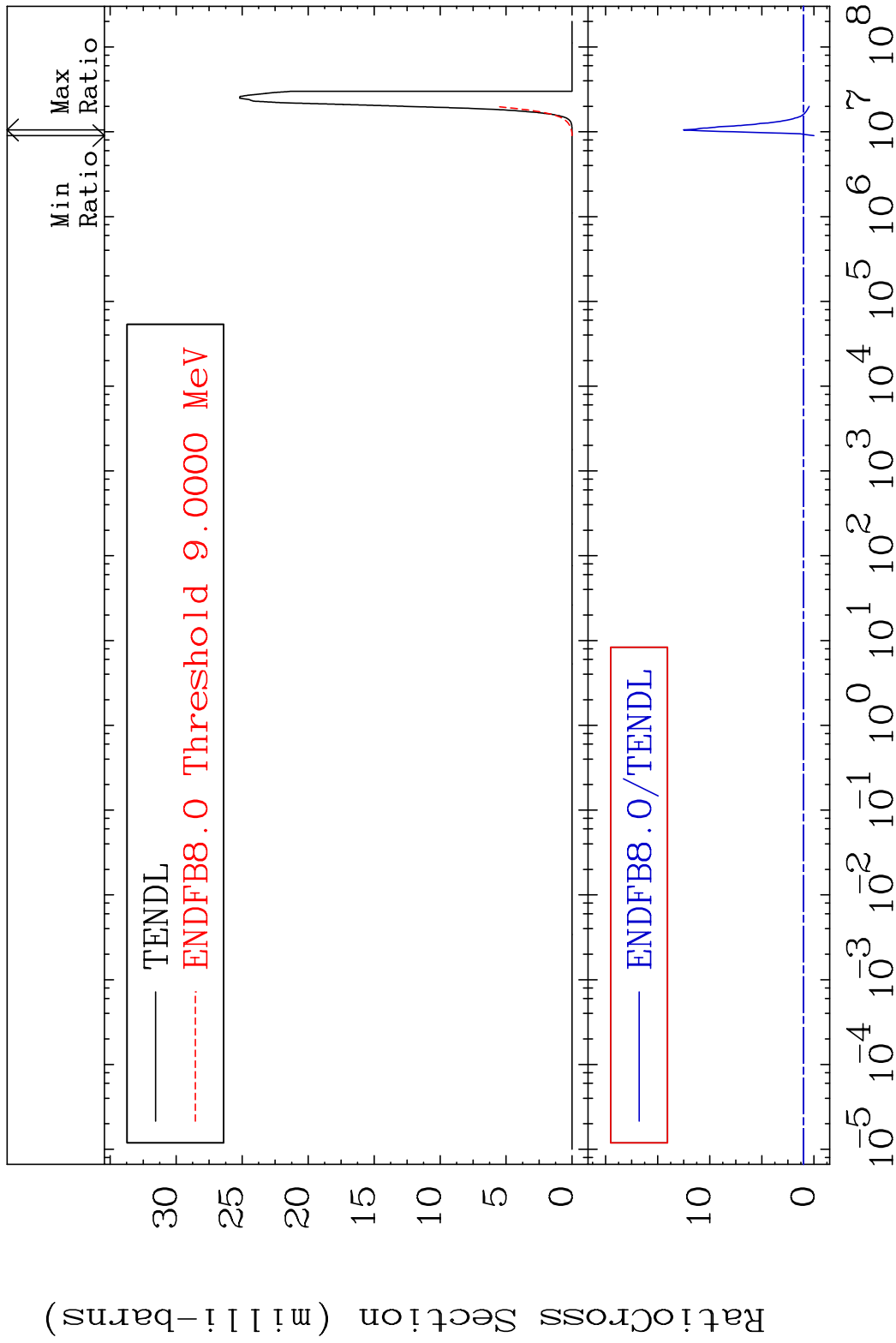


MAT 7031

(n, n') α

70-Yb-170

Cross Section -100.0 To 1152. %

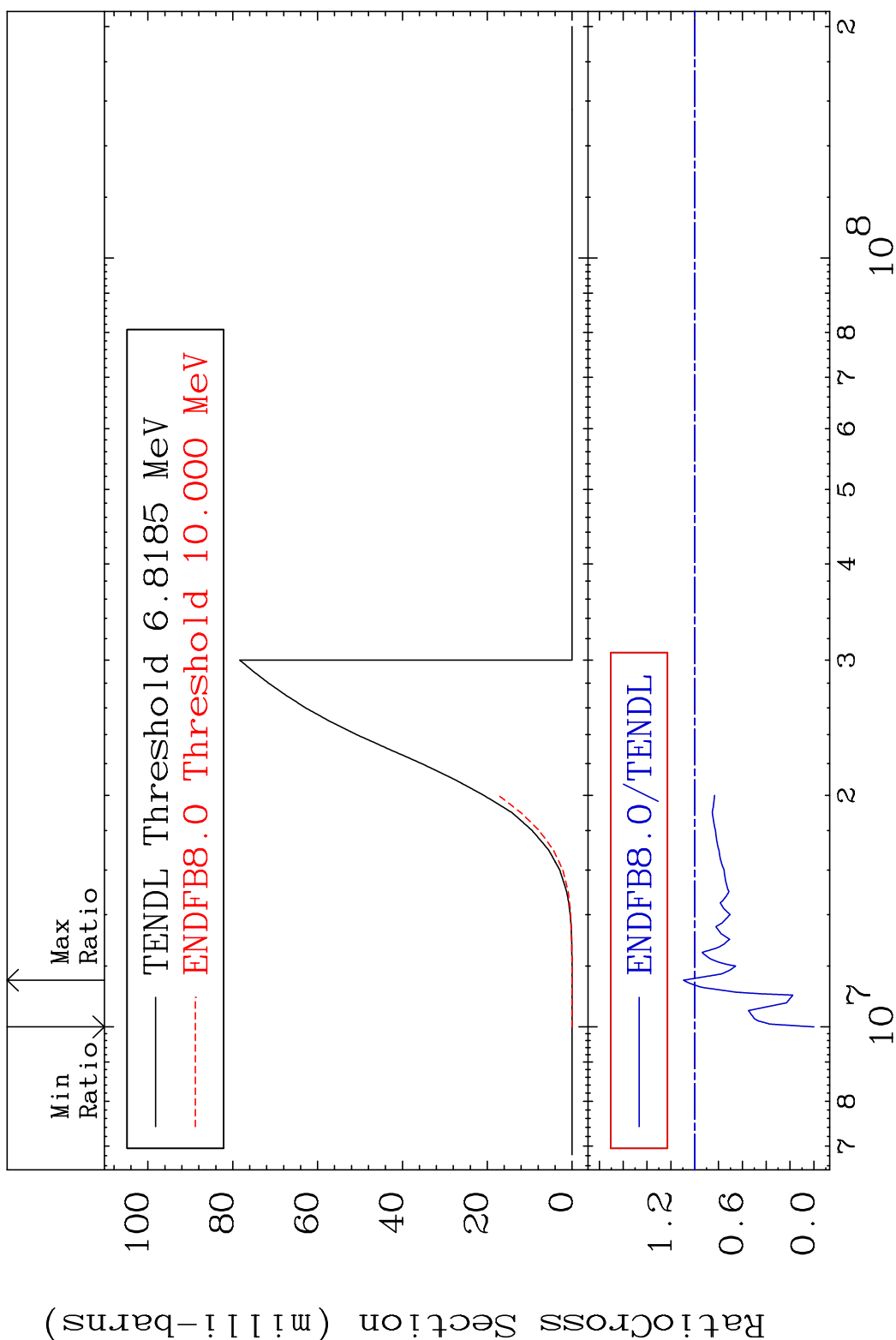


6

Incident Energy (eV)

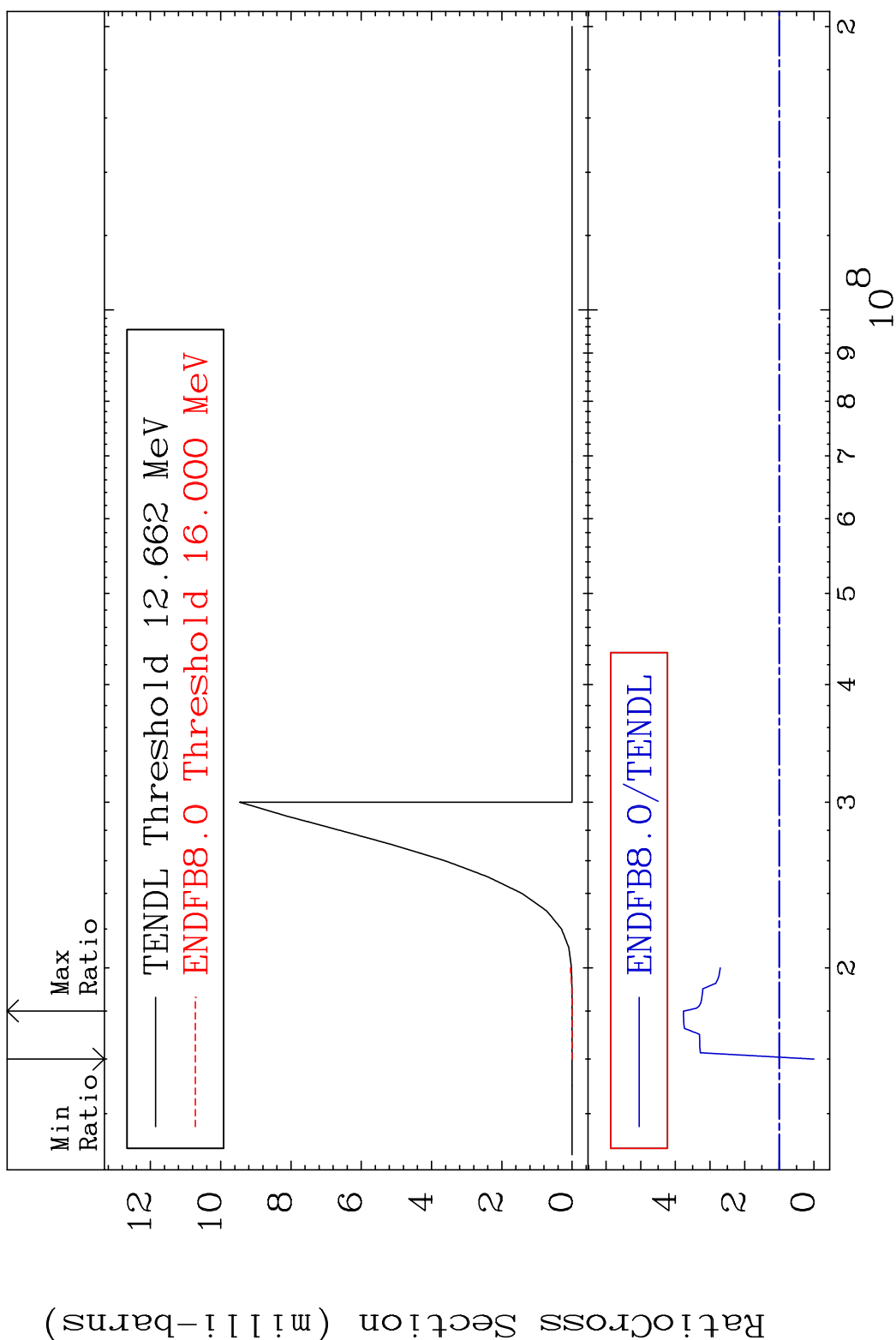
70-Yb-170

MAT 7031 (n, n') p 70-Yb-170
 Cross Section -100.0 To 9.424 %



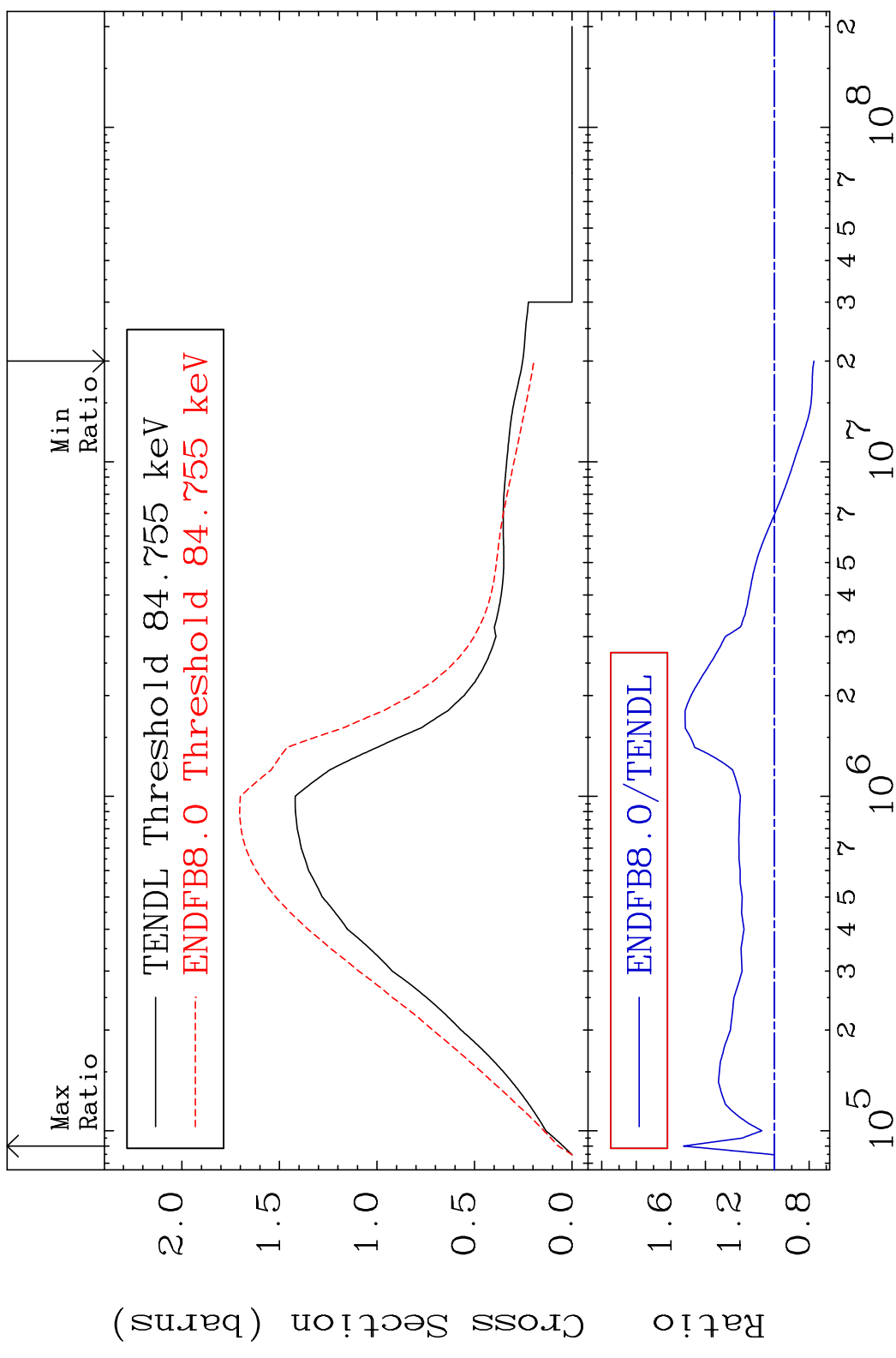
7 Incident Energy (eV) 70-Yb-170

MAT 7031 (n, n') d 70-Yb-170
 Cross Section -100.0 To 276.6 %



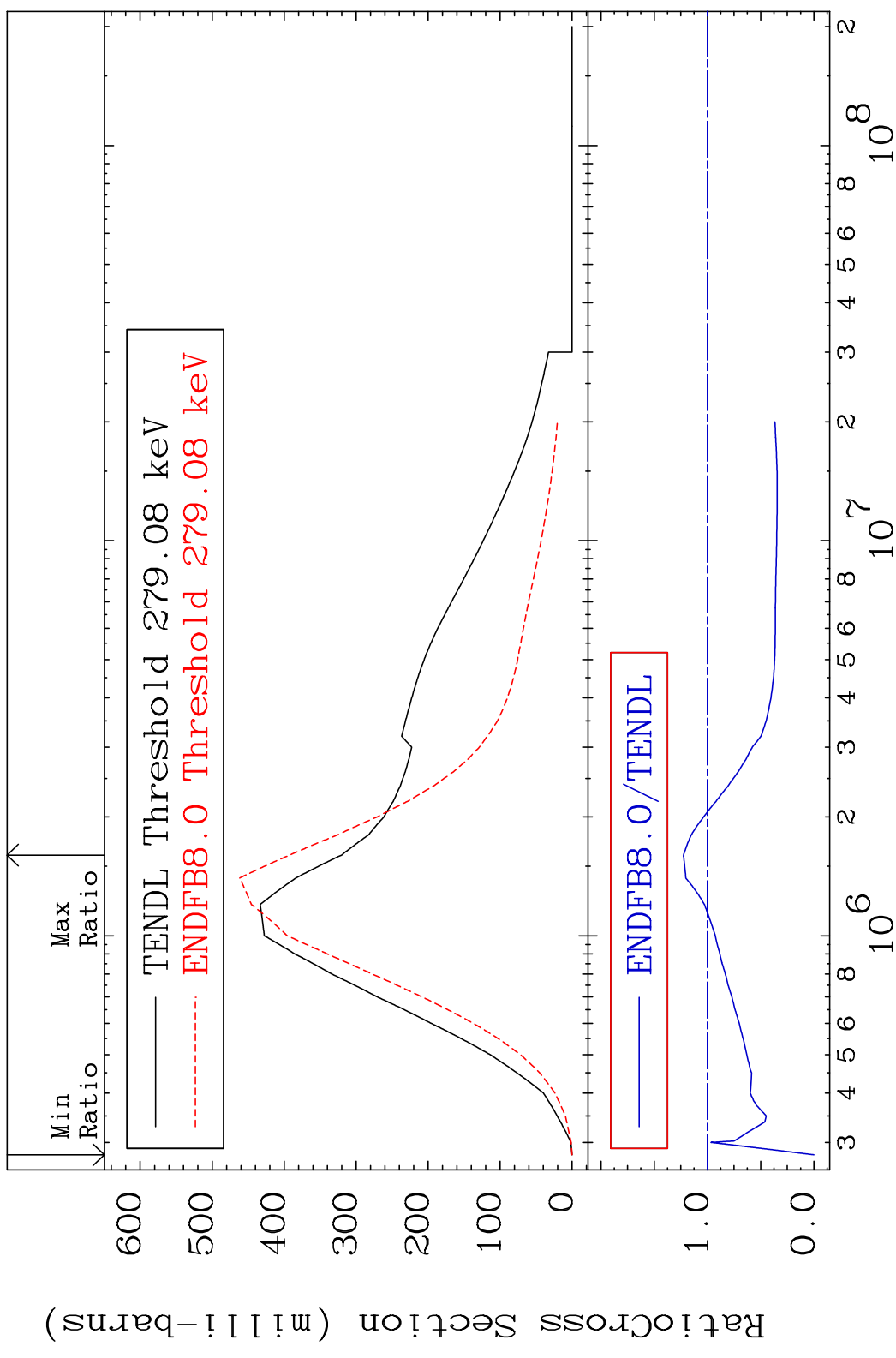
8 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 51 (n, n') Level 70-Yb-170
 Cross Section -22.81 To 52.70 %



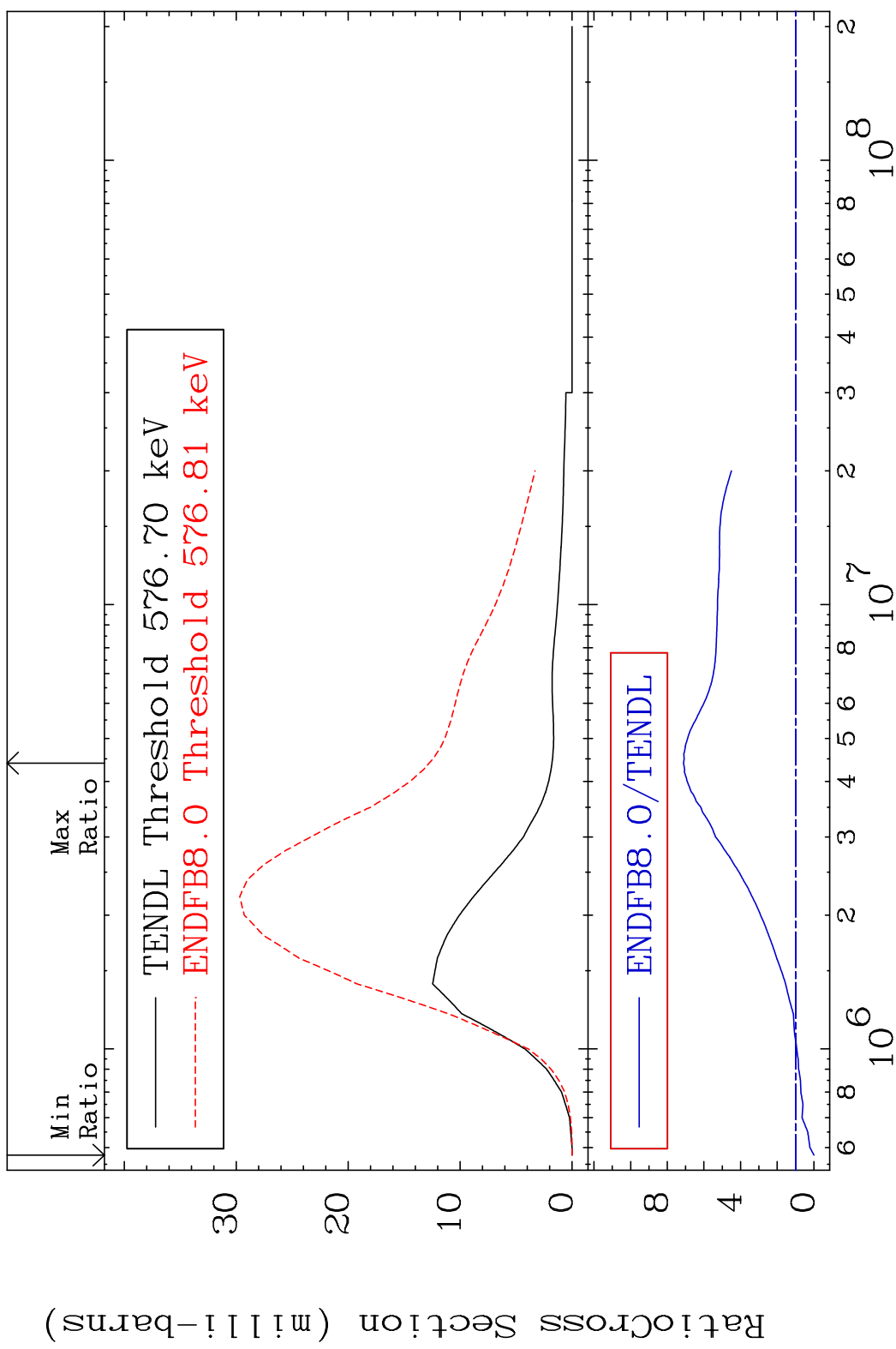
9 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 52 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 22.49 %



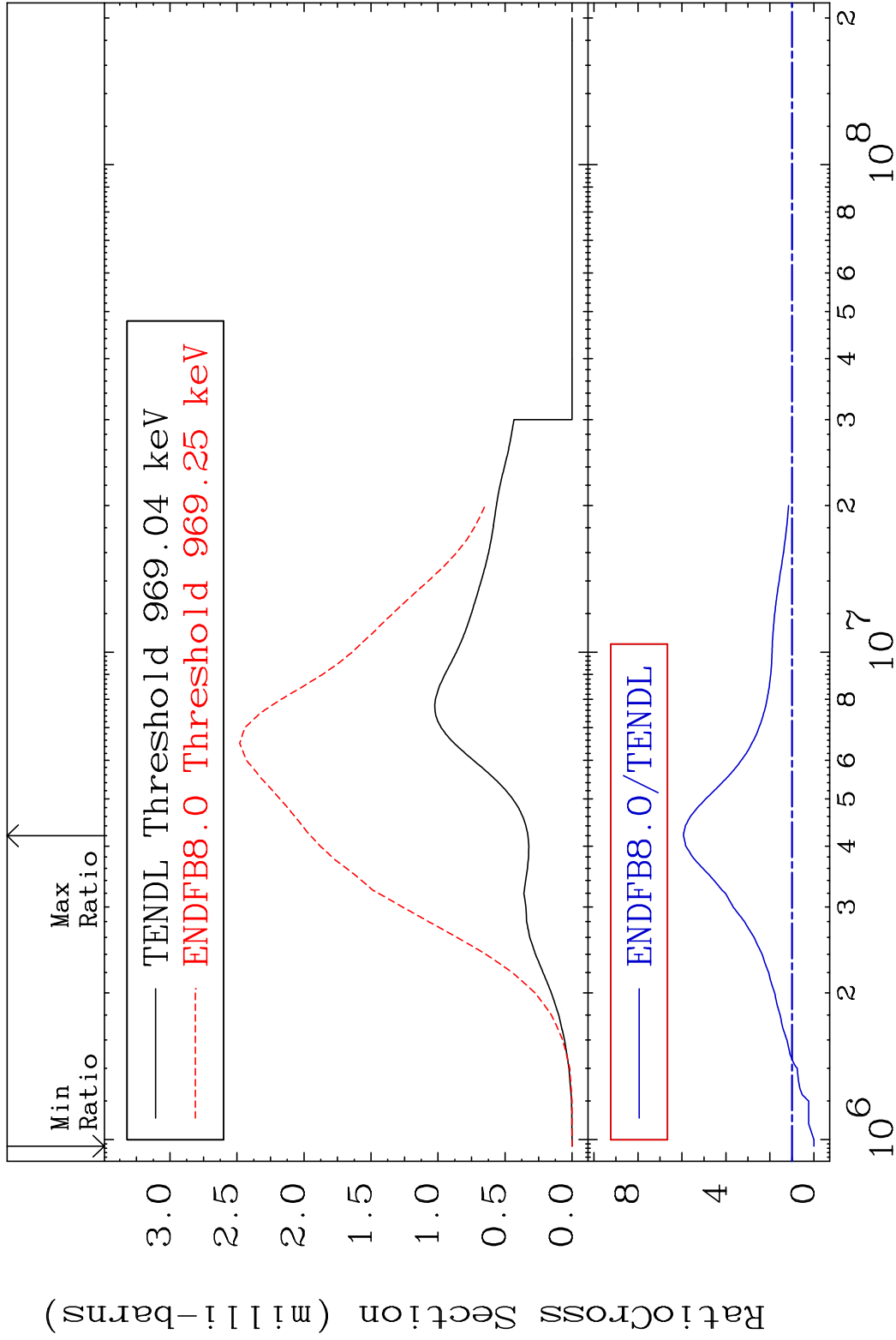
10 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 53 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 611.7 %



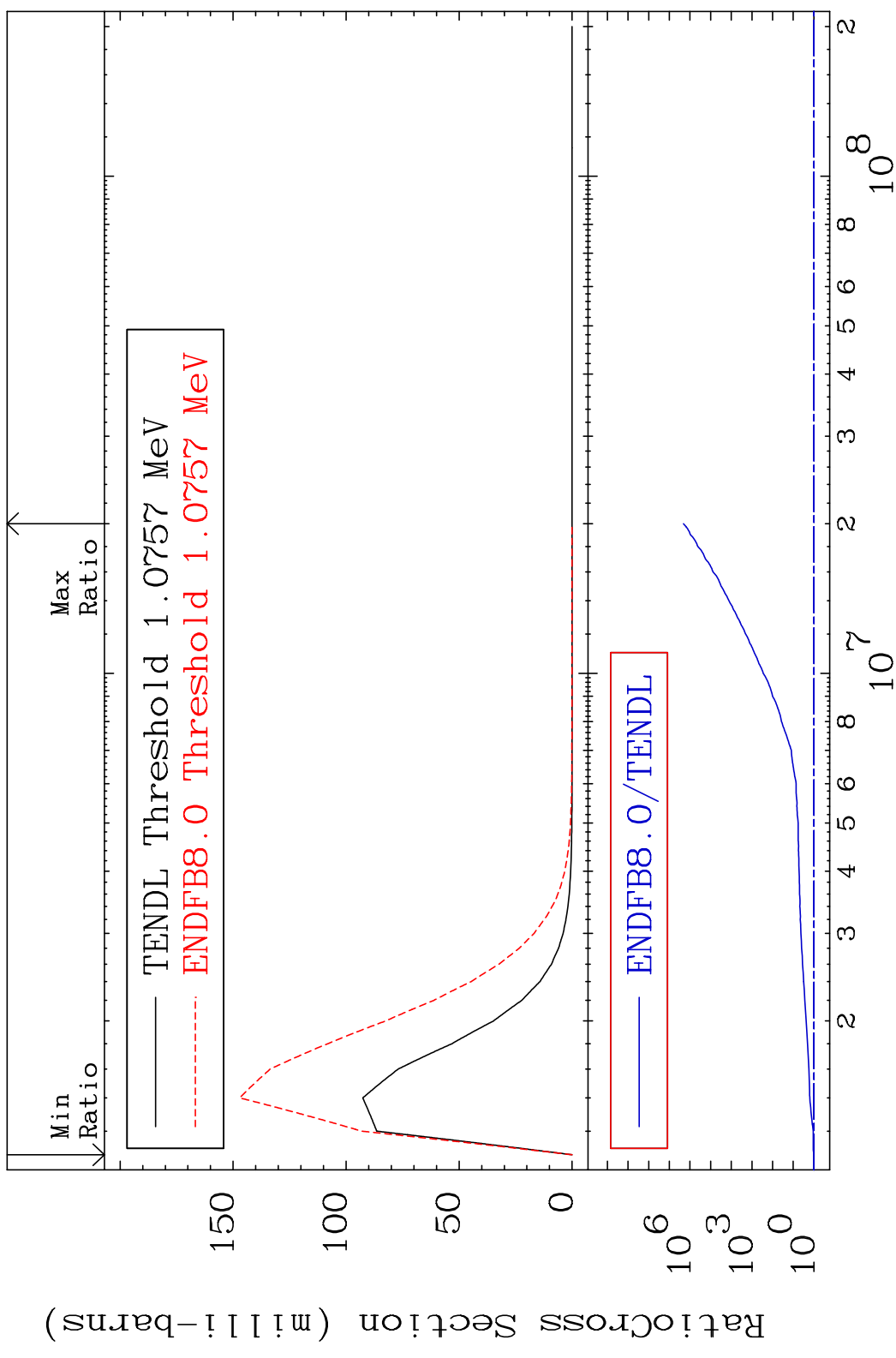
11 70-Yb-170

MAT 7031 MT= 54 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 493.1 %



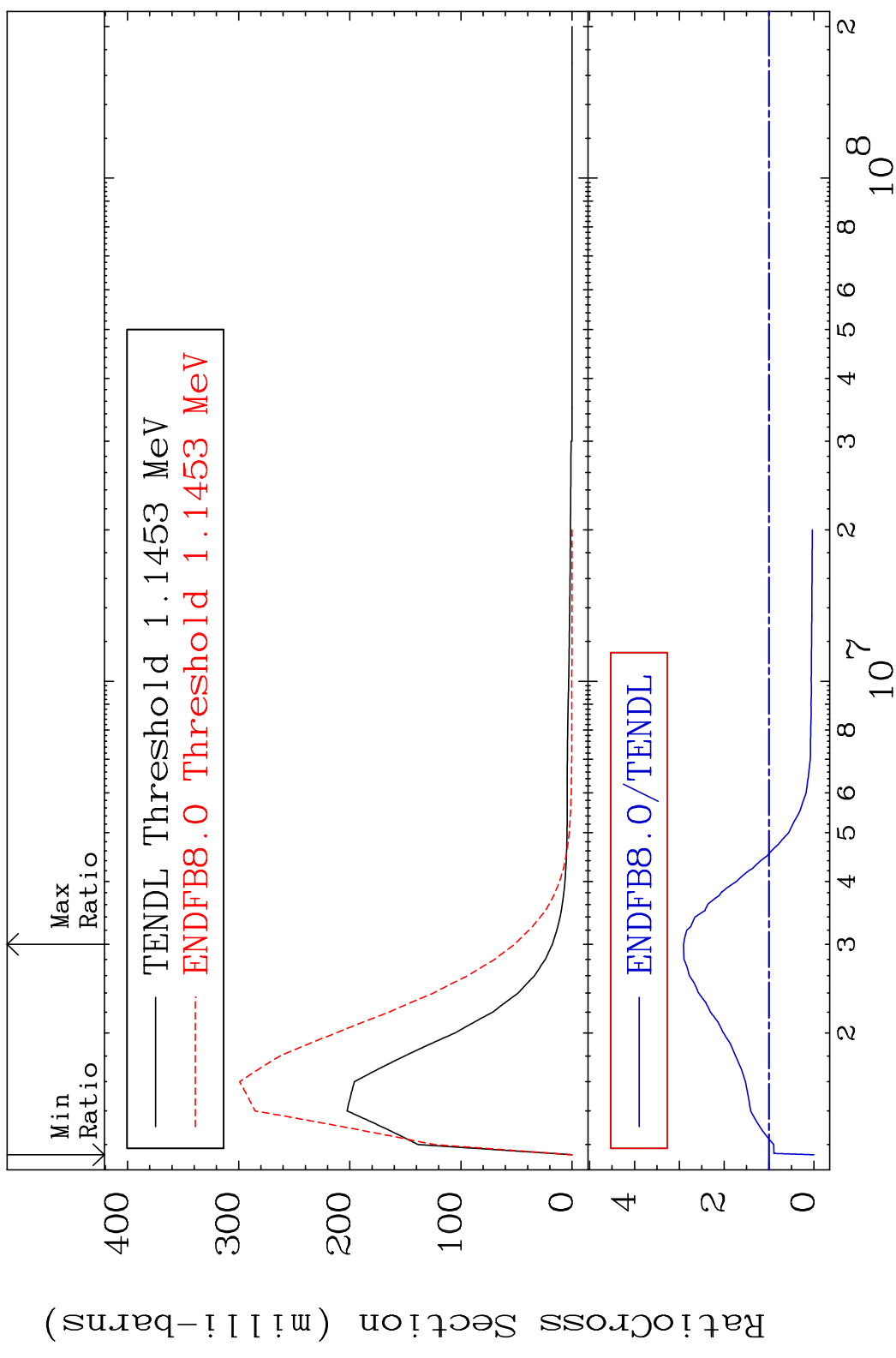
12 70-Yb-170

MAT 7031 MT= 55 (n, n') Level 70-Yb-170
 Cross Section 0.000 To 9999. %



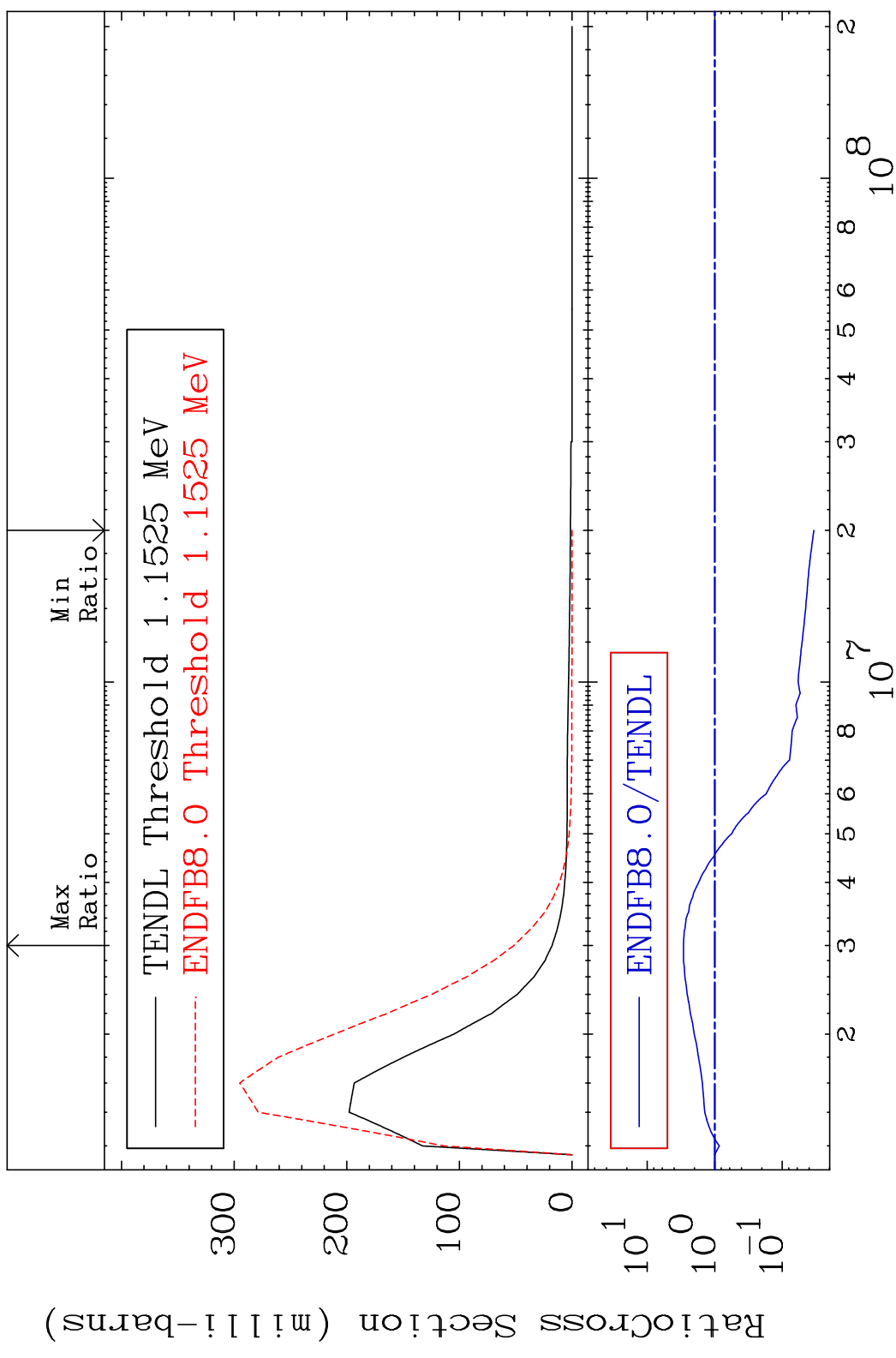
13 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 56 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 190.8 %



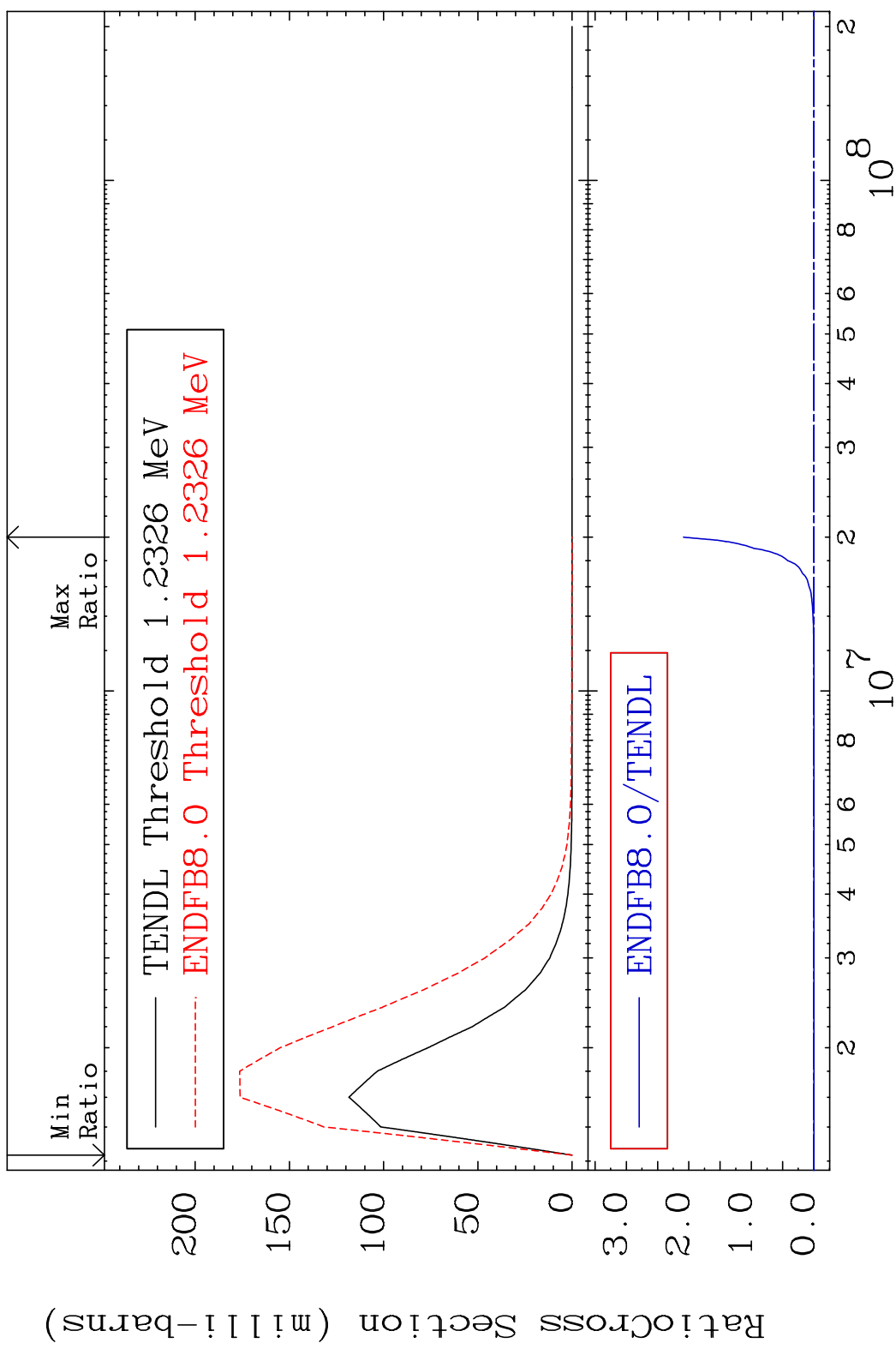
14 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 57 (n, n') Level 70-Yb-170
 Cross Section -96.60 To 190.6 %



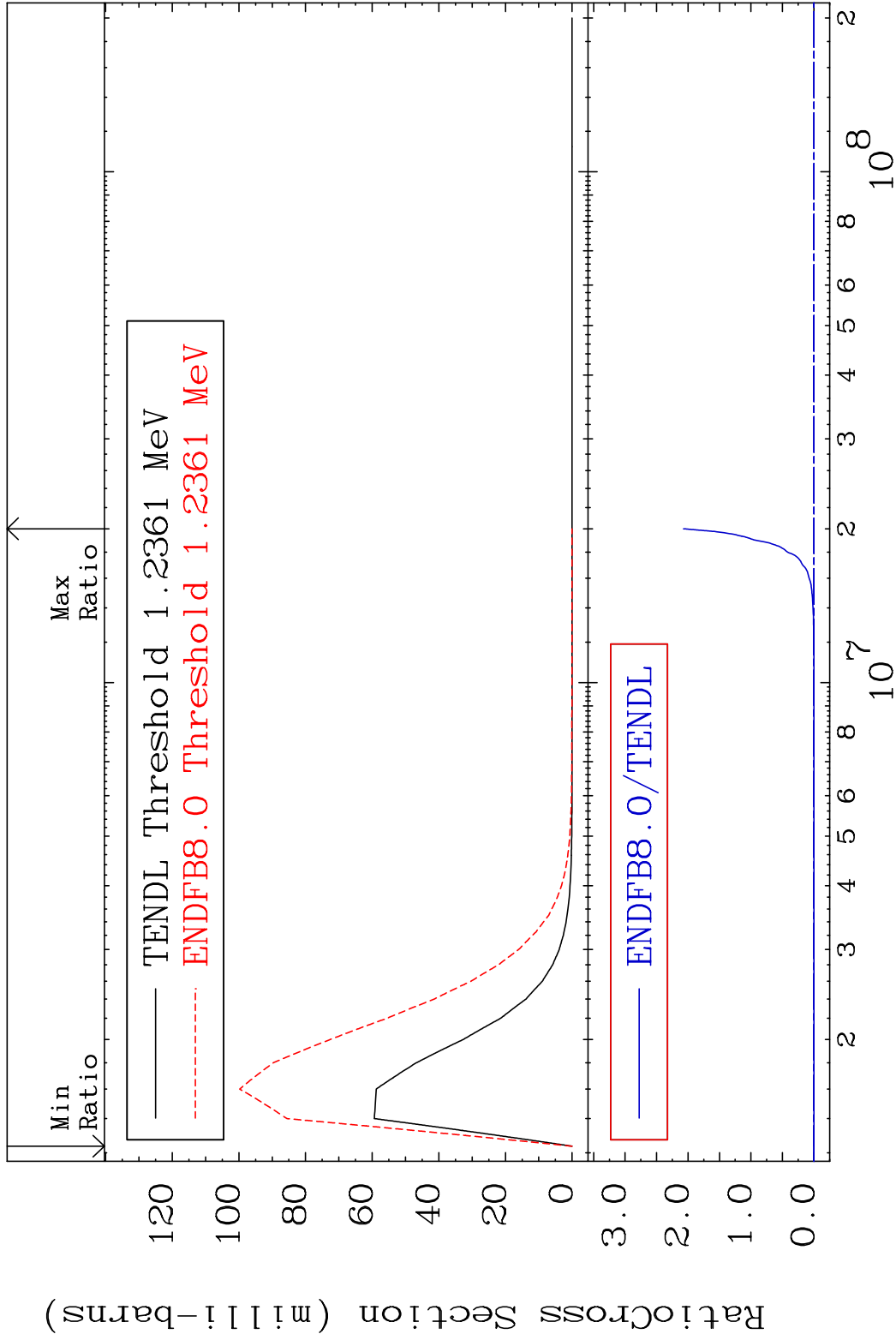
15 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 58 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 9999. %



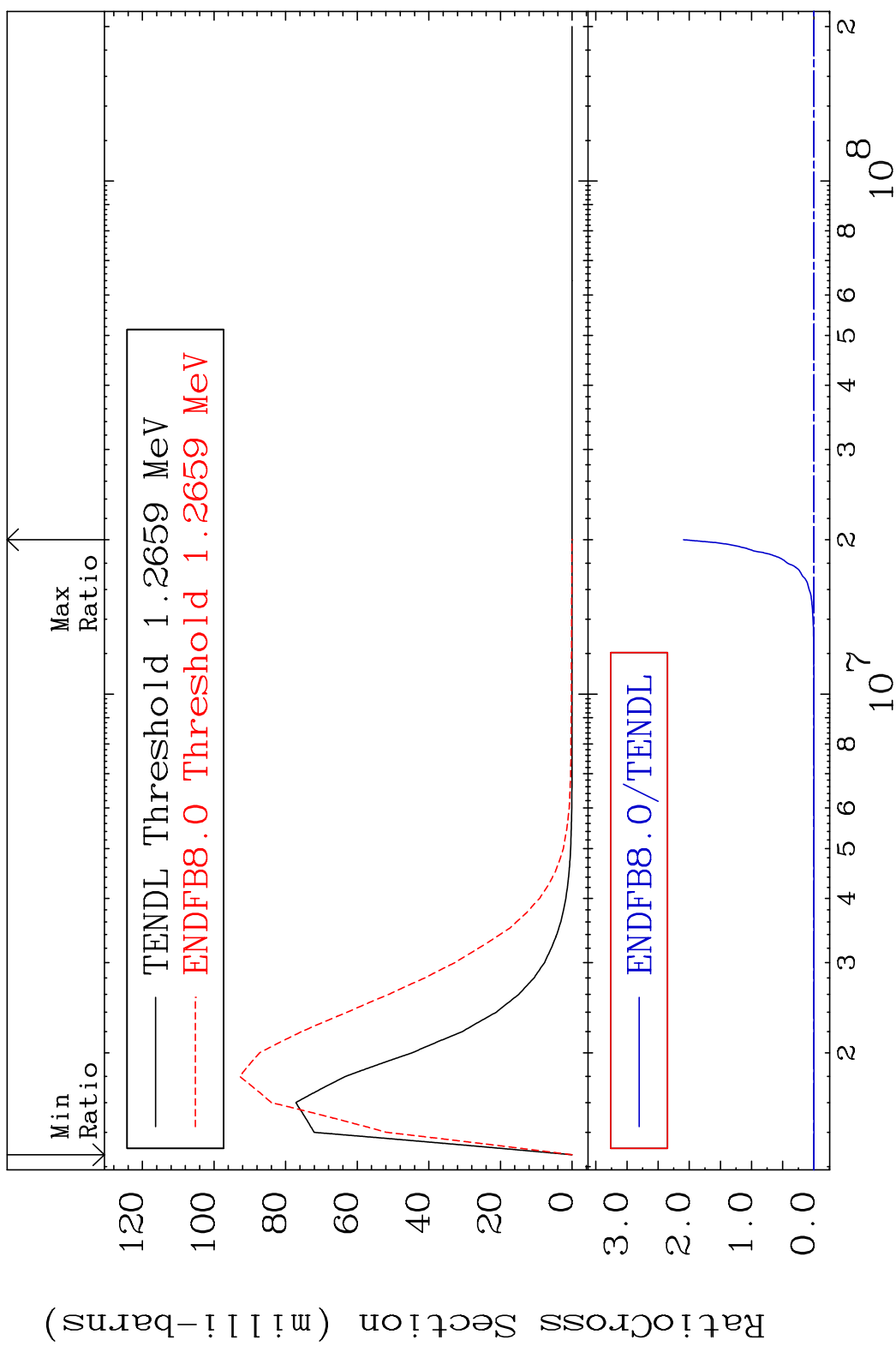
16 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 59 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 9999. %



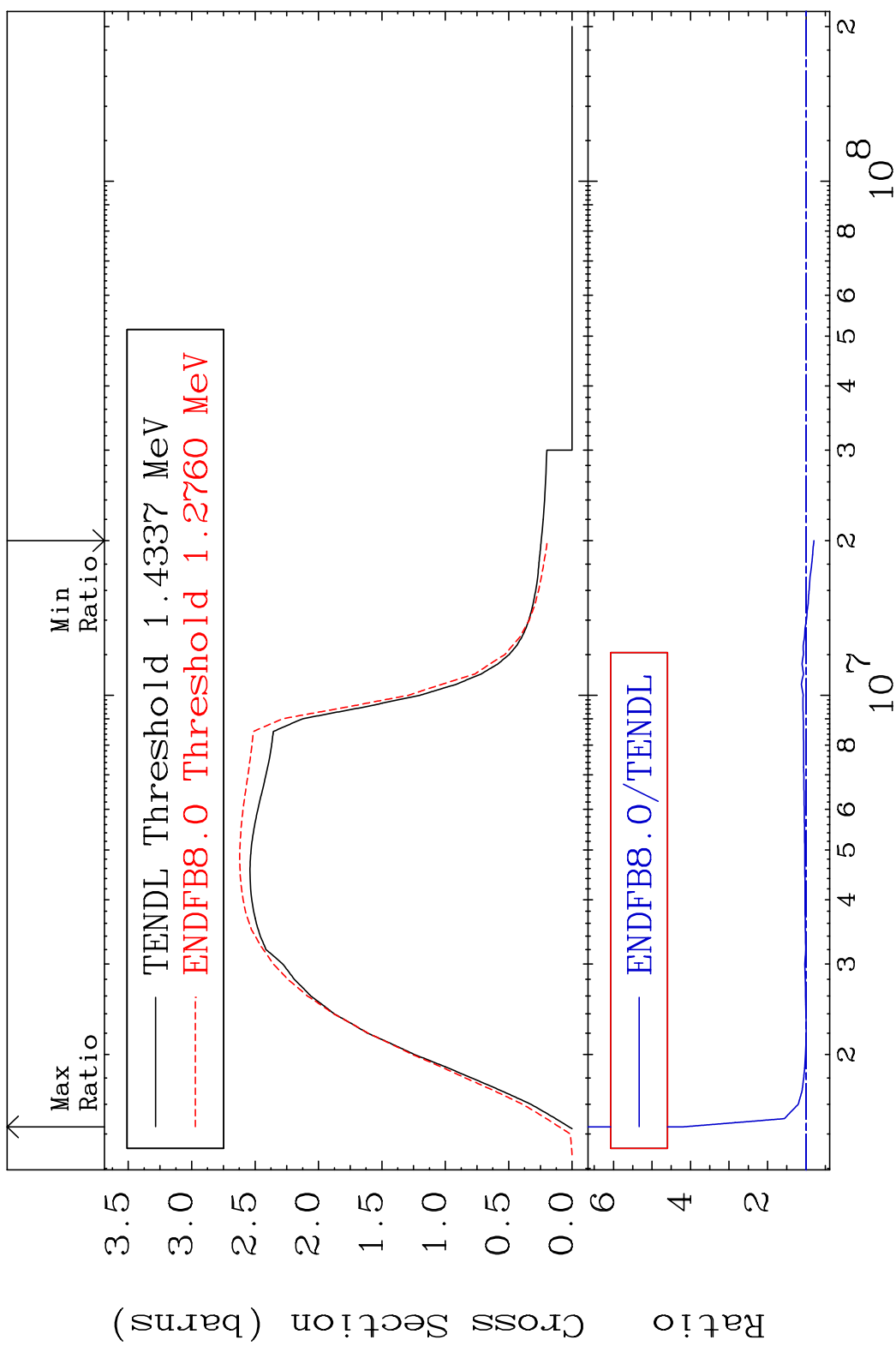
17 Incident Energy (eV) 70-Yb-170

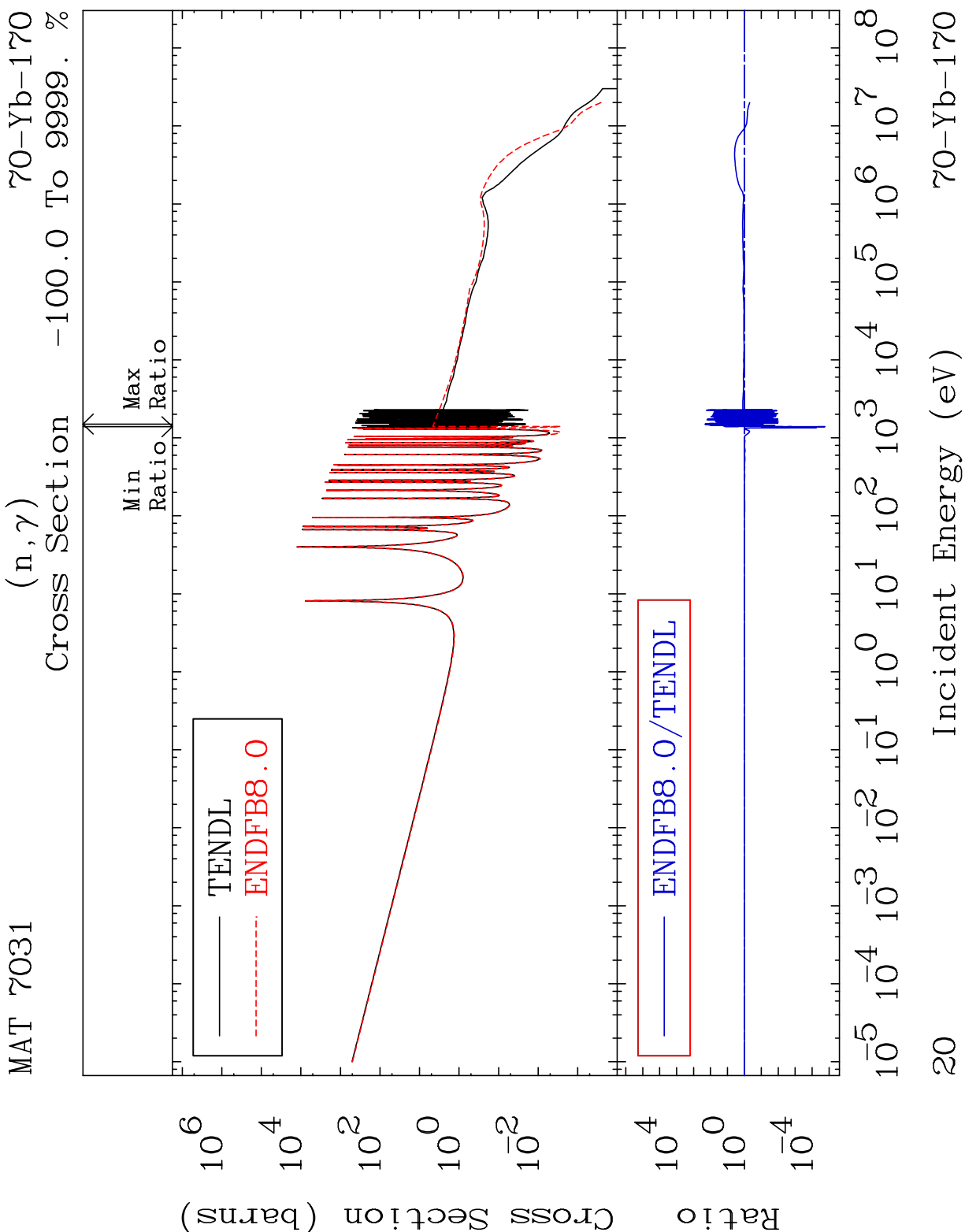
MAT 7031 MT= 60 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 9999. %

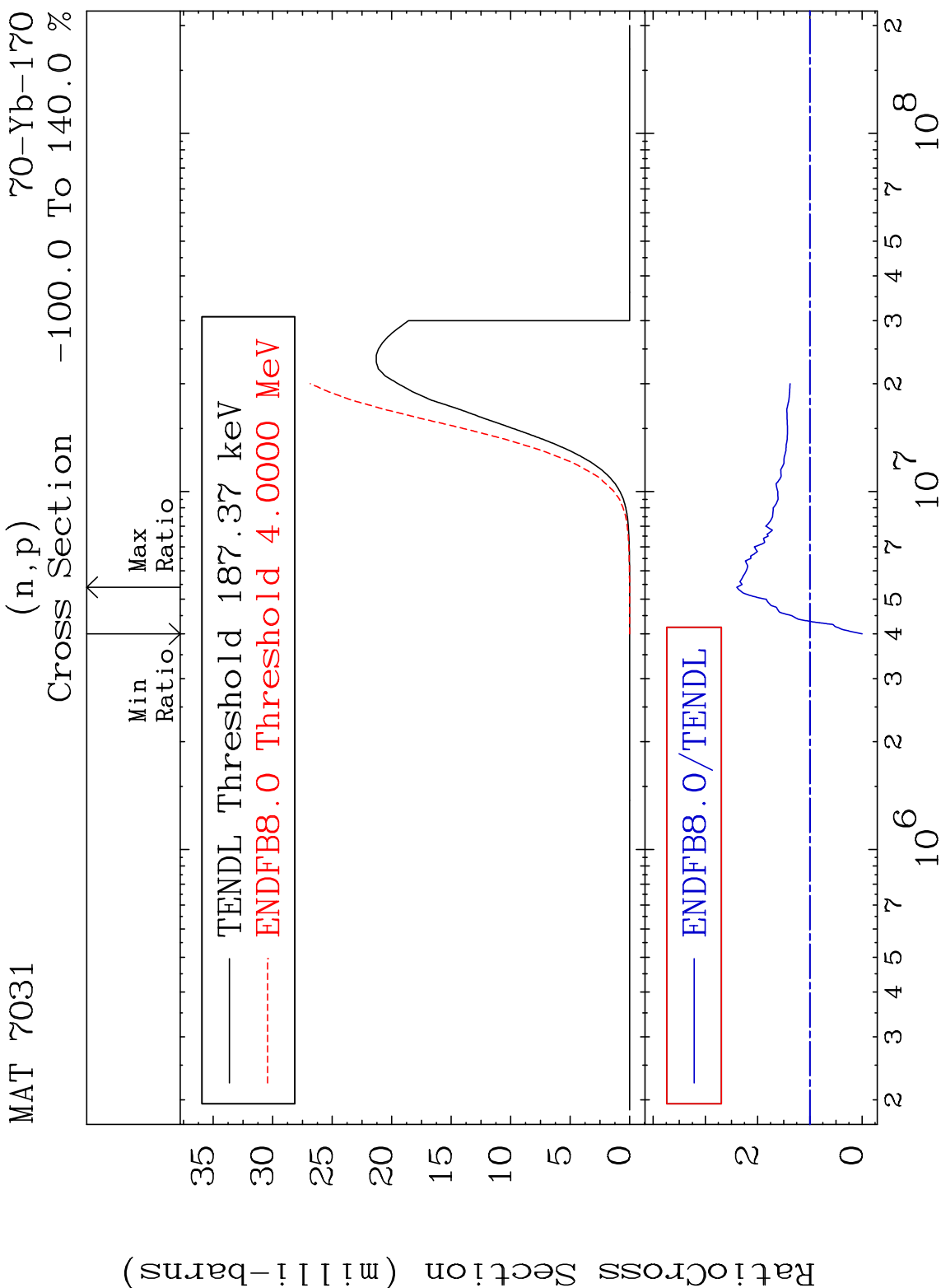


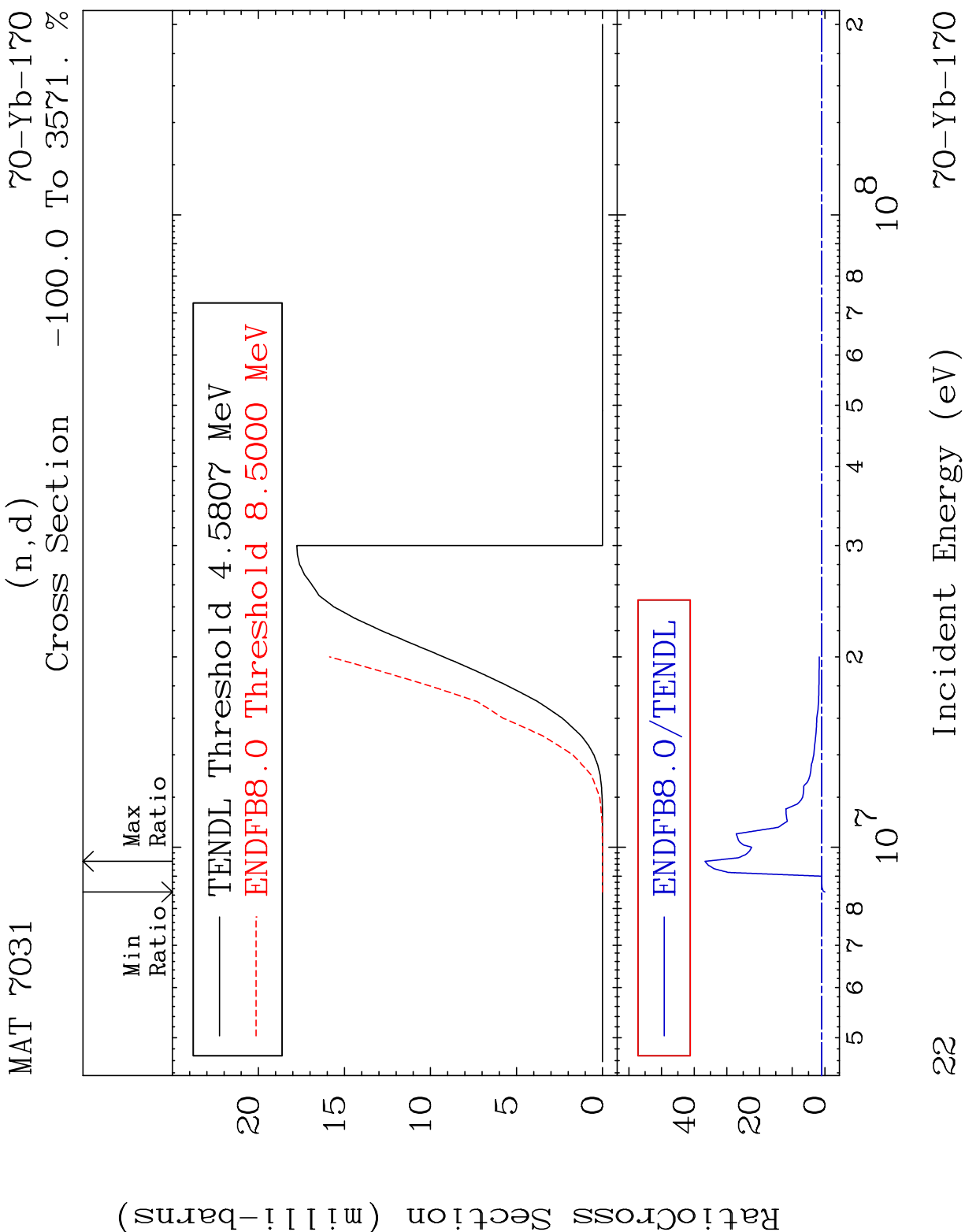
18 70-Yb-170

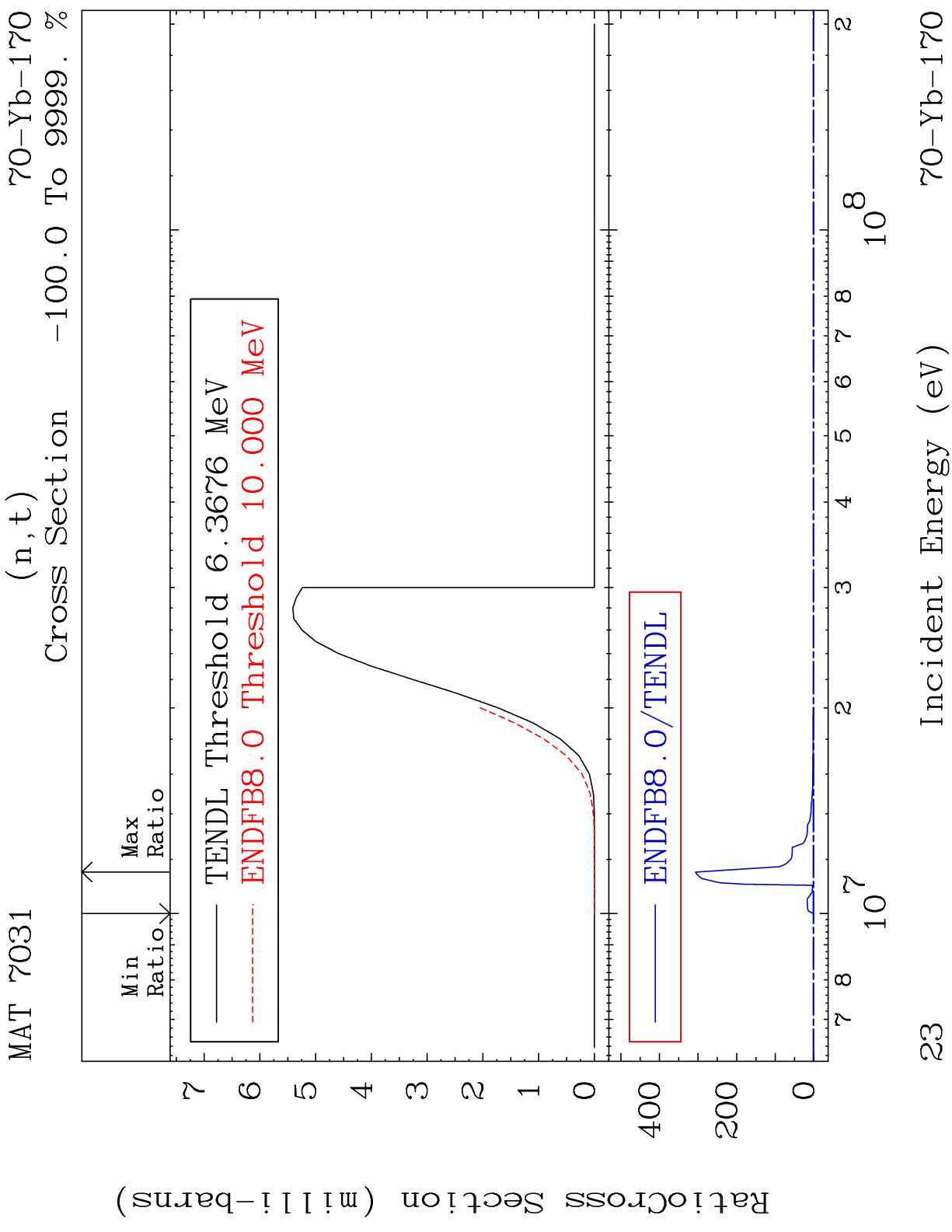
MAT 7031 (n, n') Continuum 70-Yb-170
 Cross Section -20.25 To 318.4 %

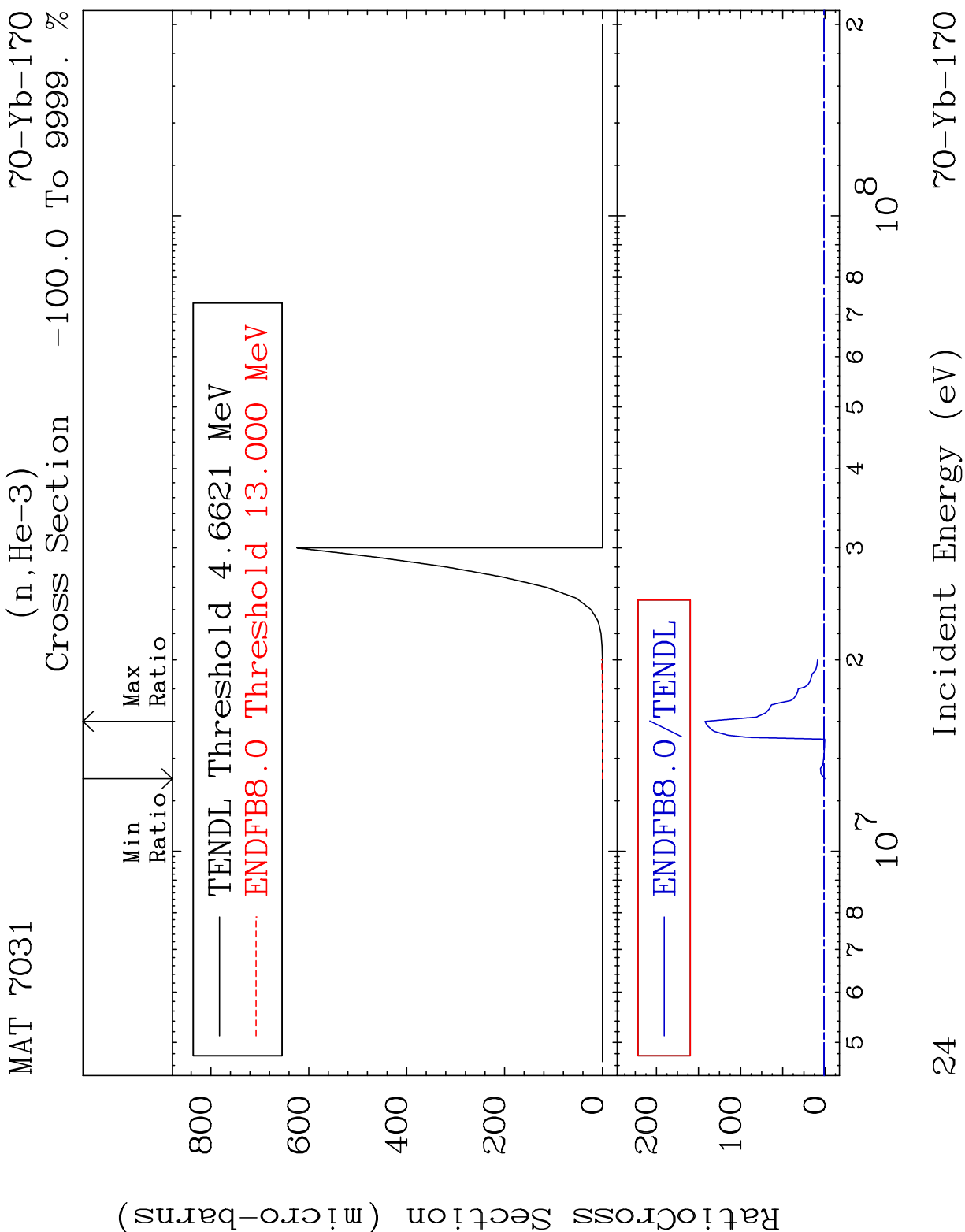










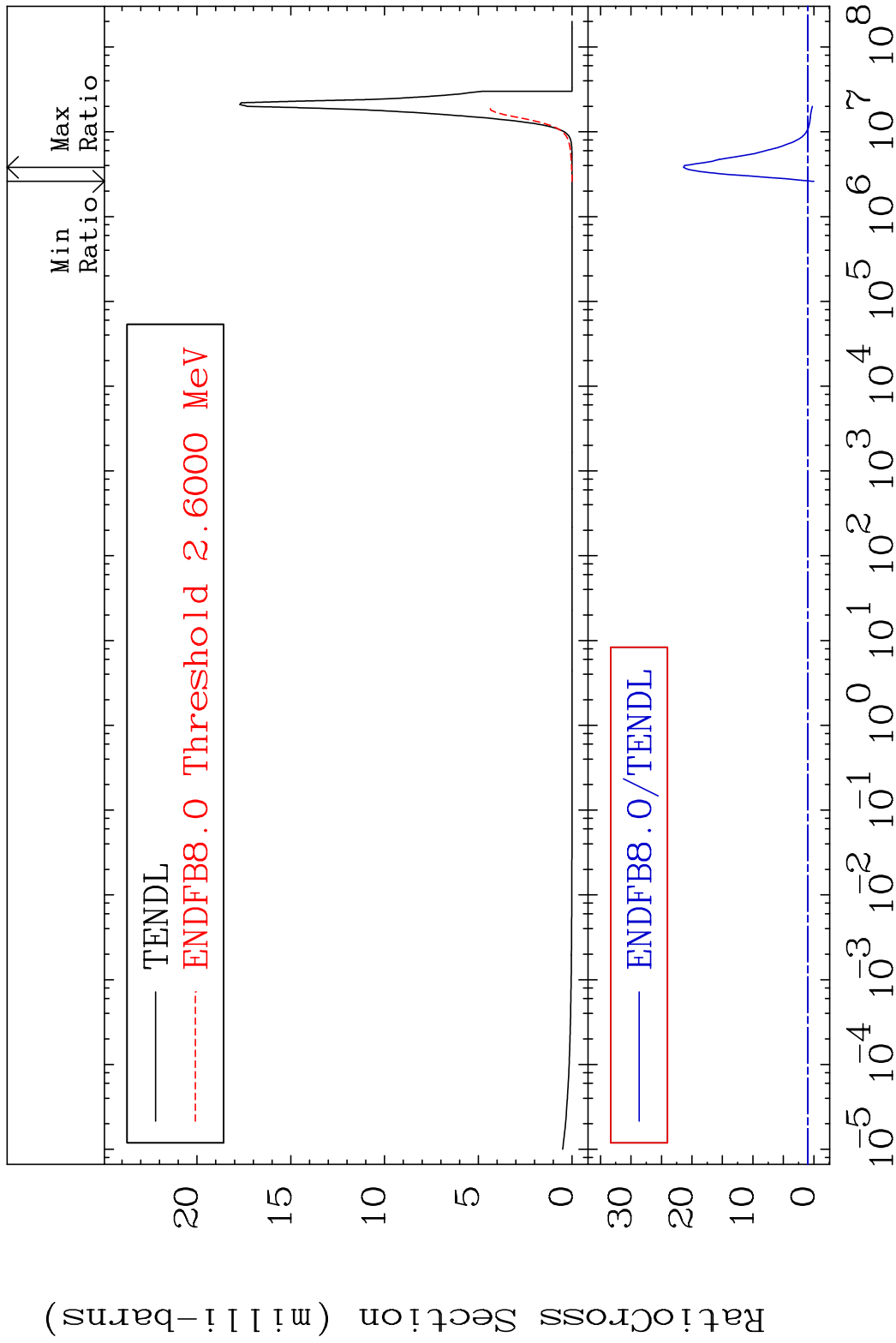


MAT 7031

(n, α)

70-Yb-170

Cross Section -100.0 To 2039. %



25

Incident Energy (eV)

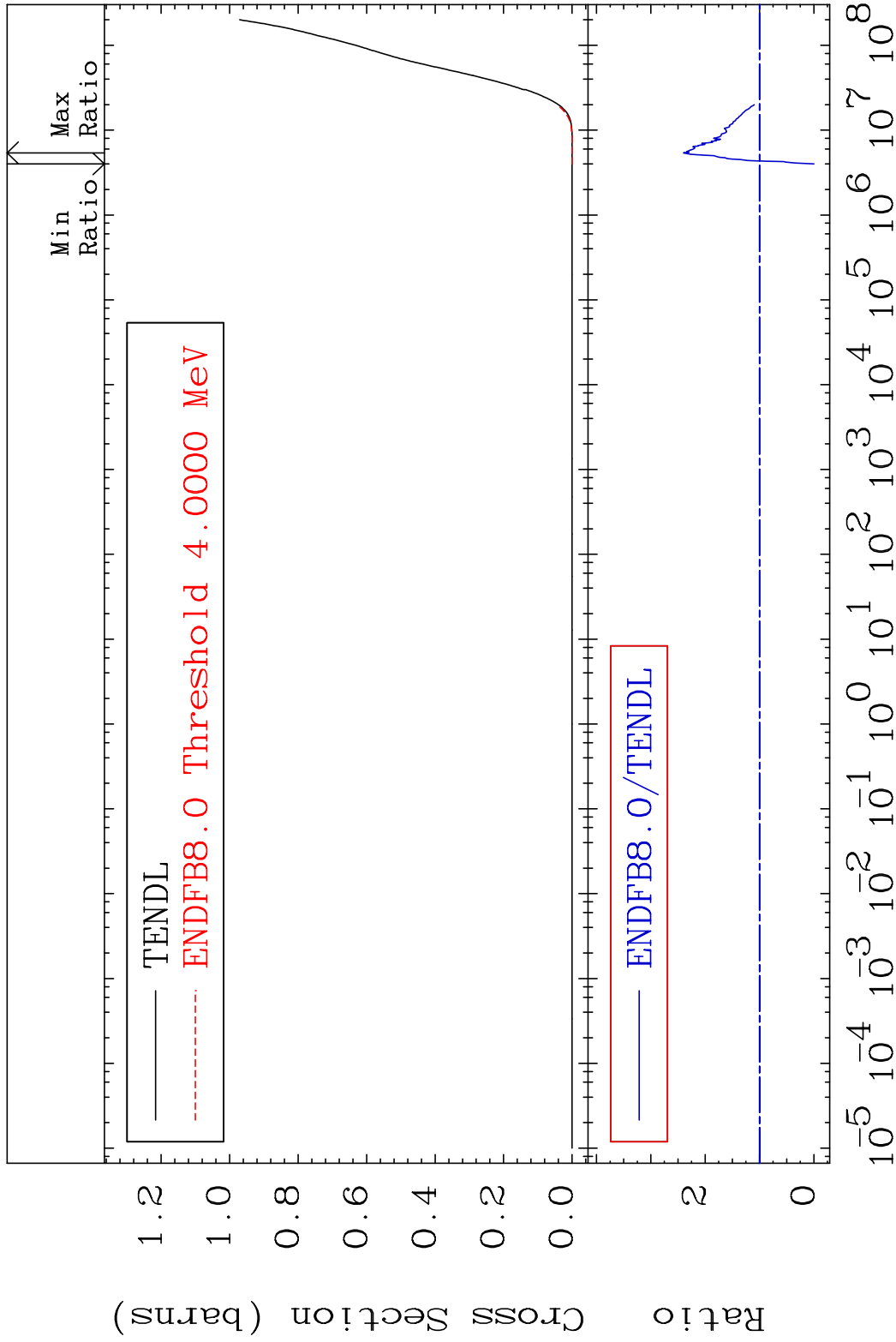
70-Yb-170

MAT 7031

Hydrogen Production

70-Yb-170

Cross Section -100.0 To 140.0 %

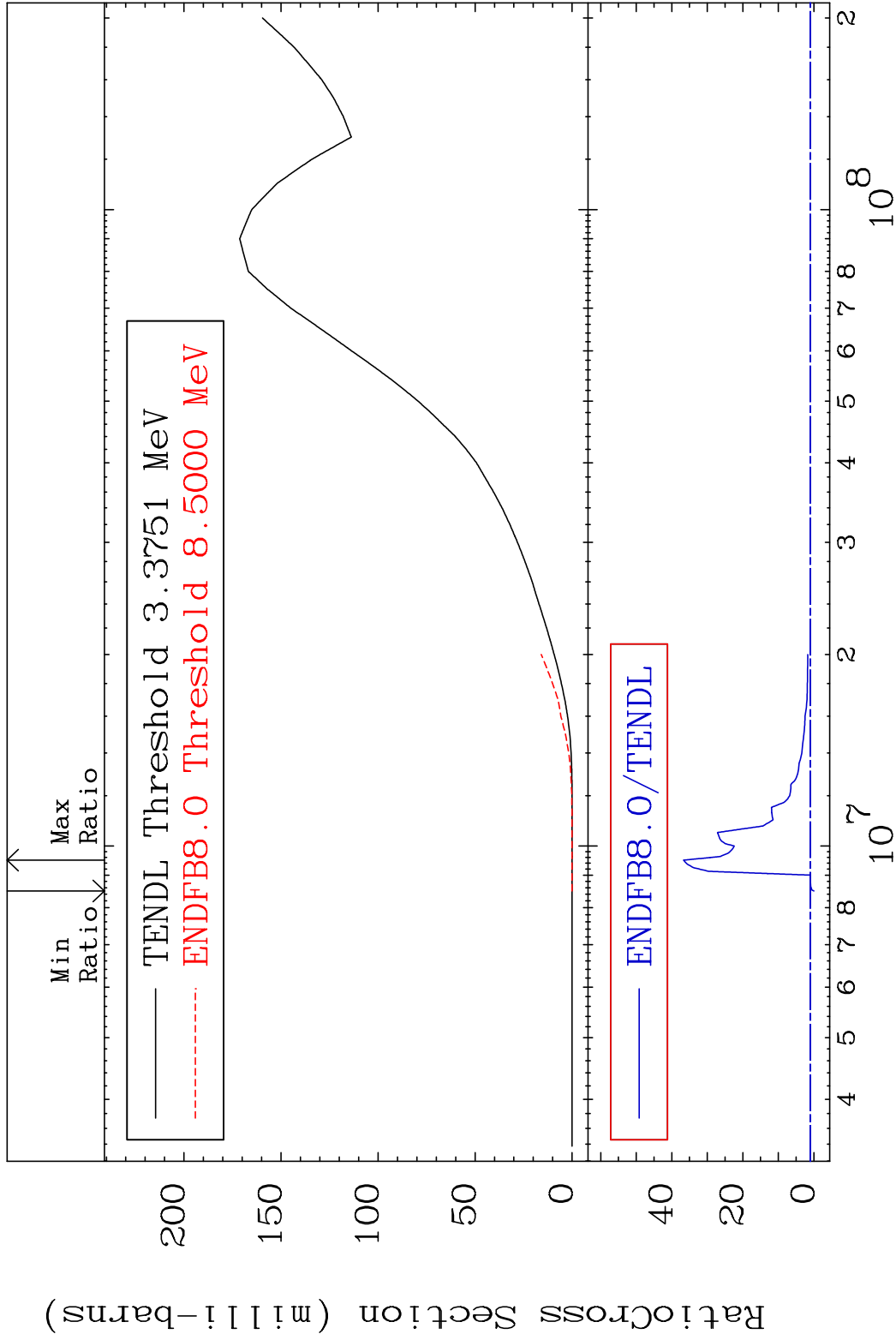


26

Incident Energy (eV)

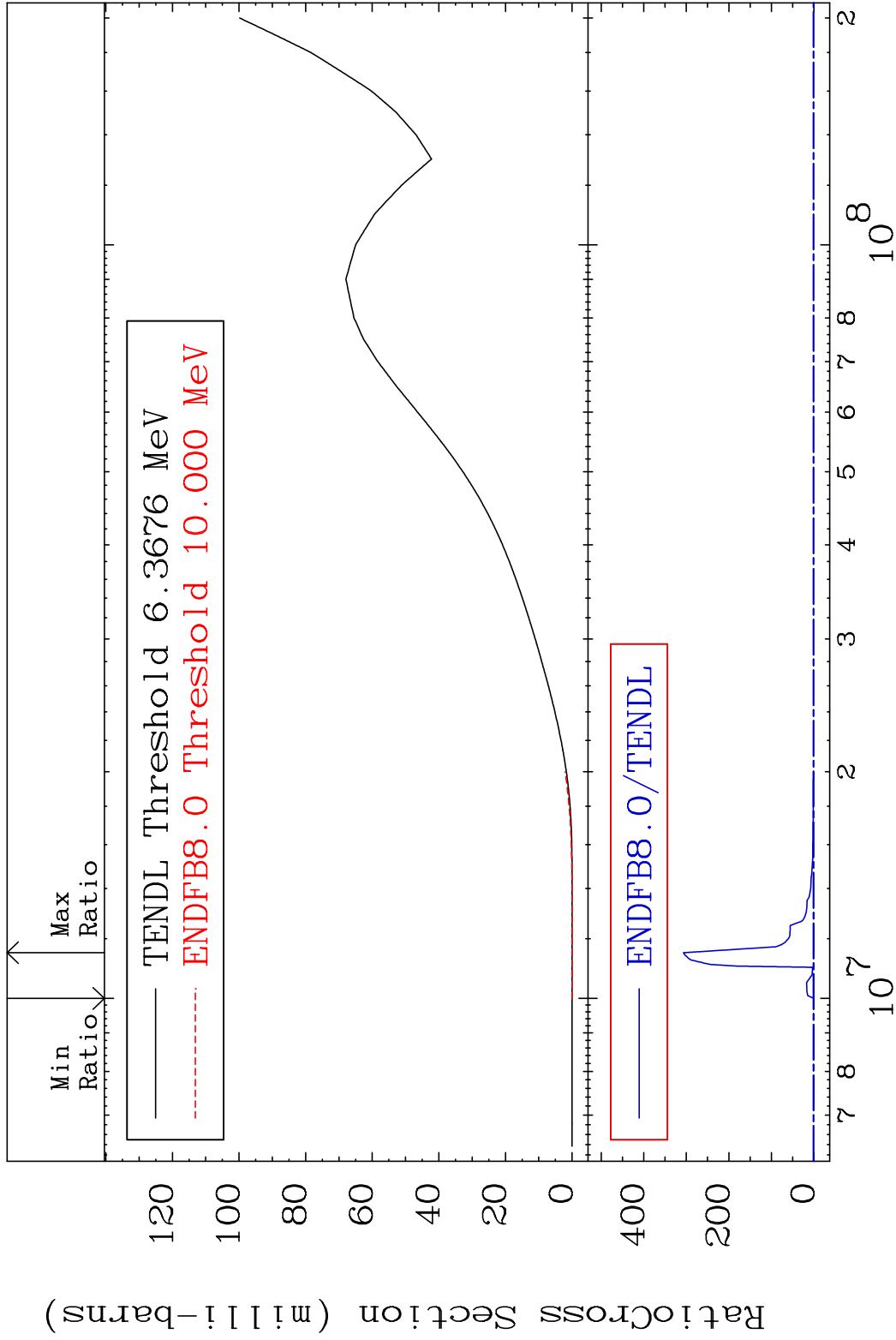
70-Yb-170

MAT 7031 Deuterium Production 70-Yb-170
 Cross Section -100.0 To 3571. %

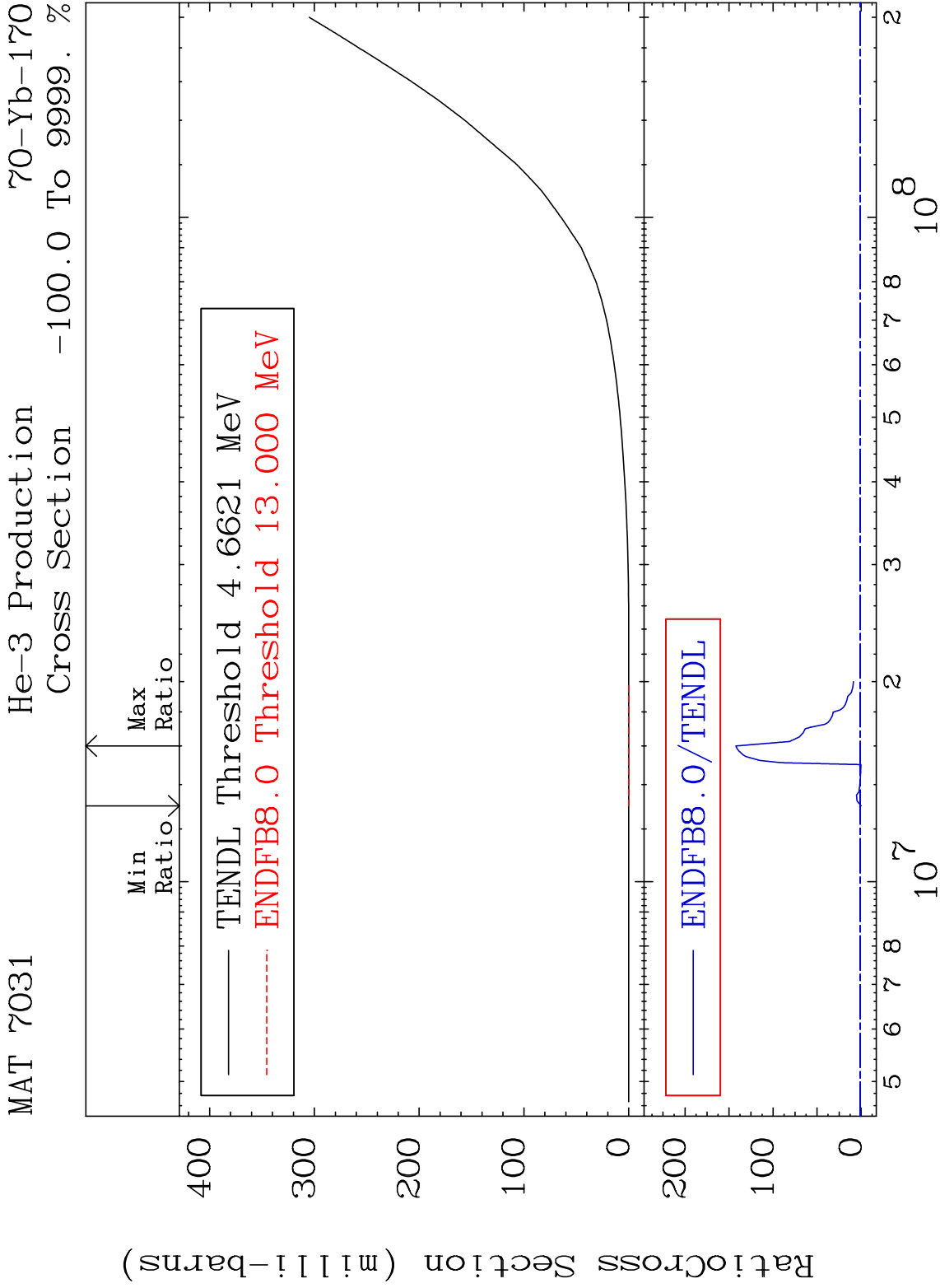


27 70-Yb-170

MAT 7031 Tritium Production 70-Yb-170
 Cross Section -100.0 To 9999. %



28 70-Yb-170

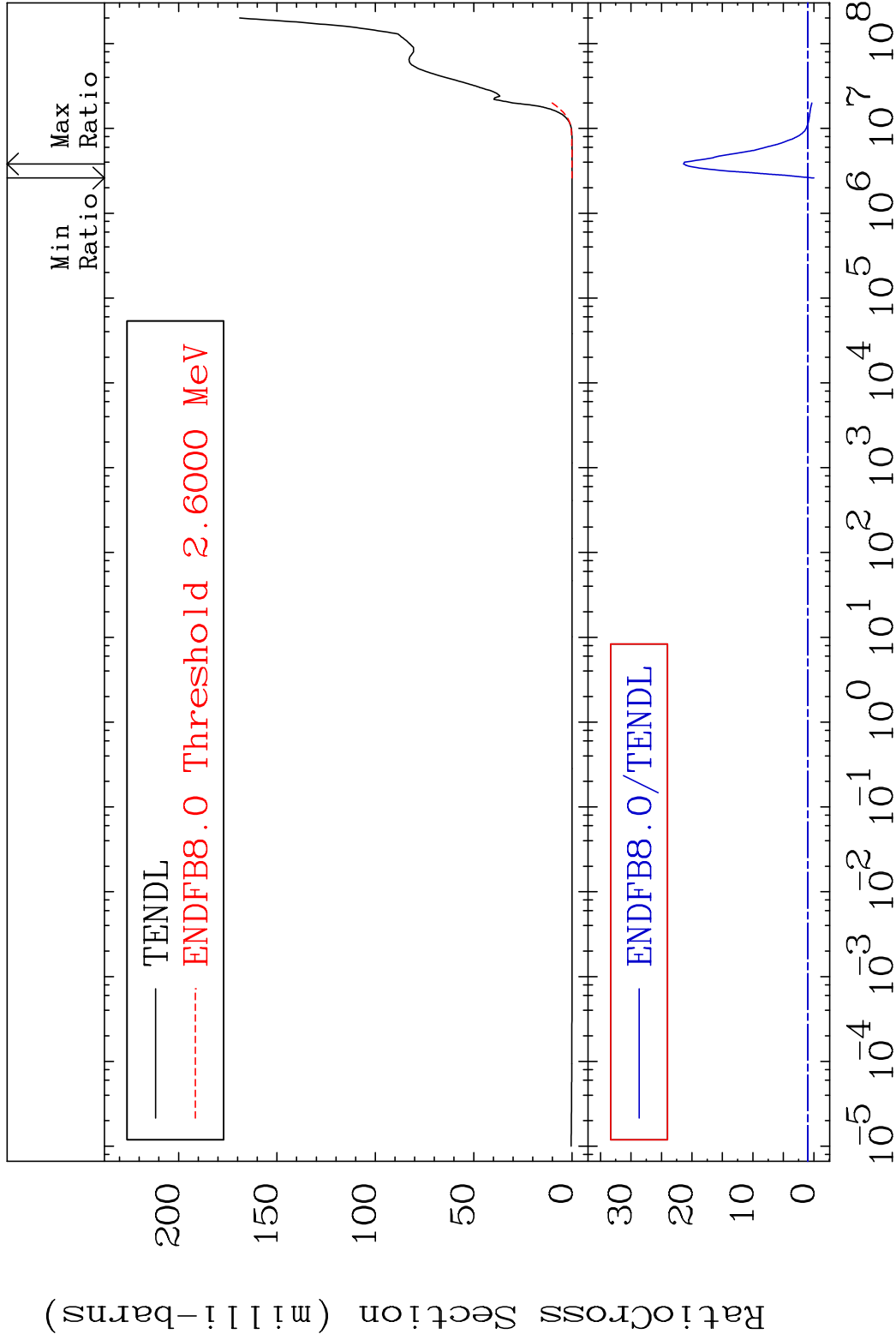


MAT 7031

He-4 Production

70-Yb-170

Cross Section -100.0 To 2039. %

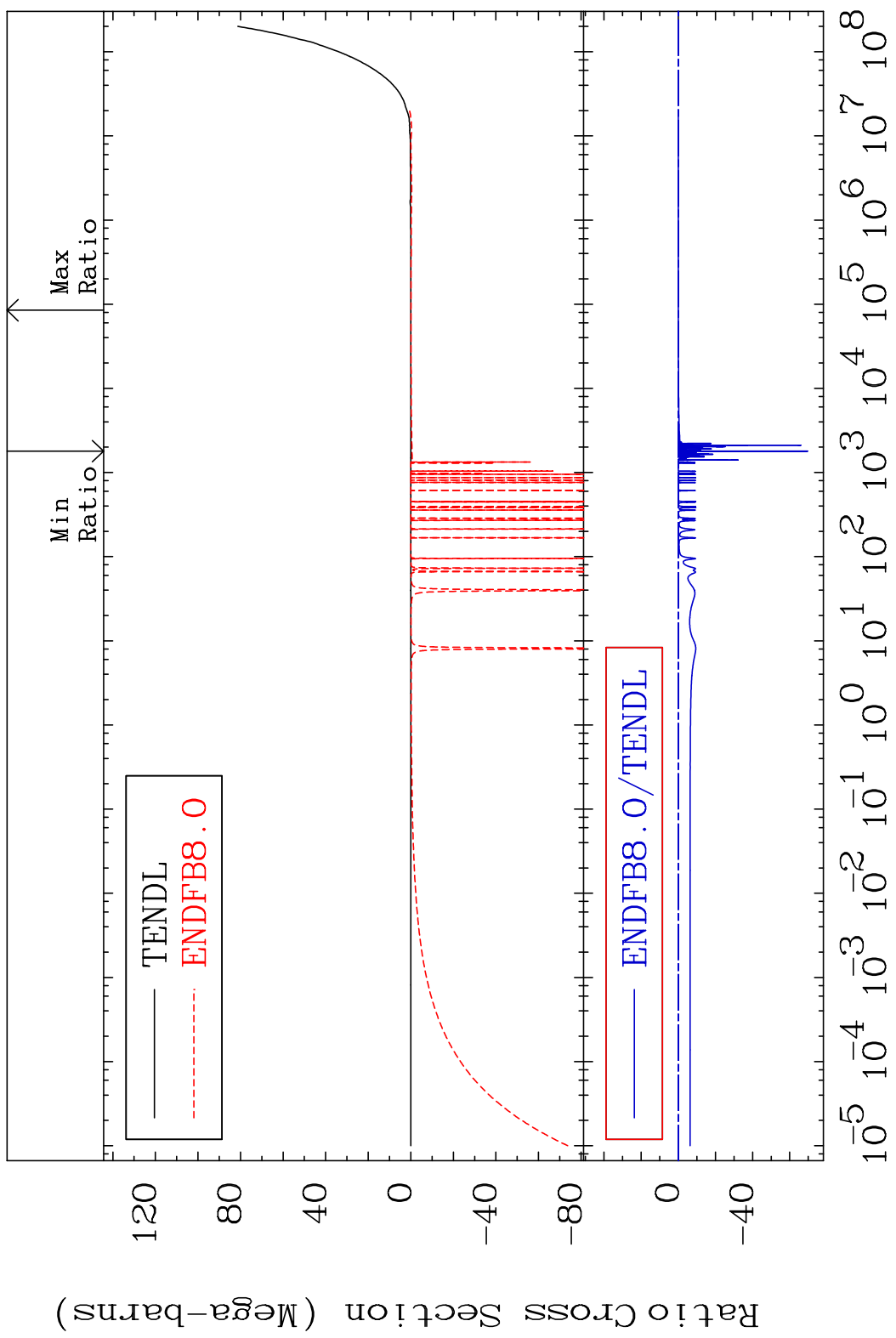


30

Incident Energy (eV)

70-Yb-170

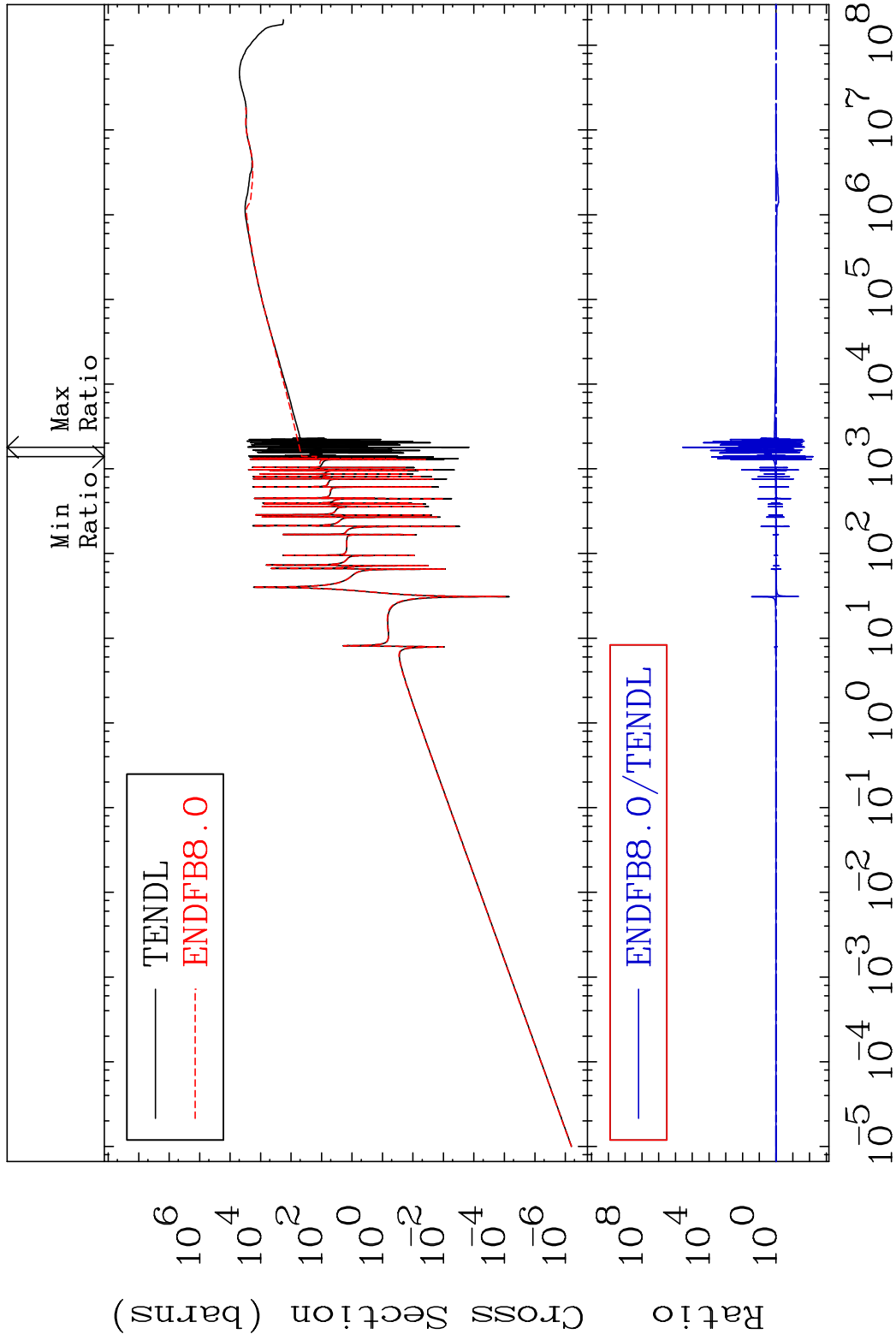
MAT 7031 Kerma total (eV-barns) 70-Yb-170
 Cross Section -9999. To 1419. %



31 Incident Energy (eV) 70-Yb-170

MAT 7031

Kerma elastic Cross Section -99.38 To 9999. %
70-Yb-170

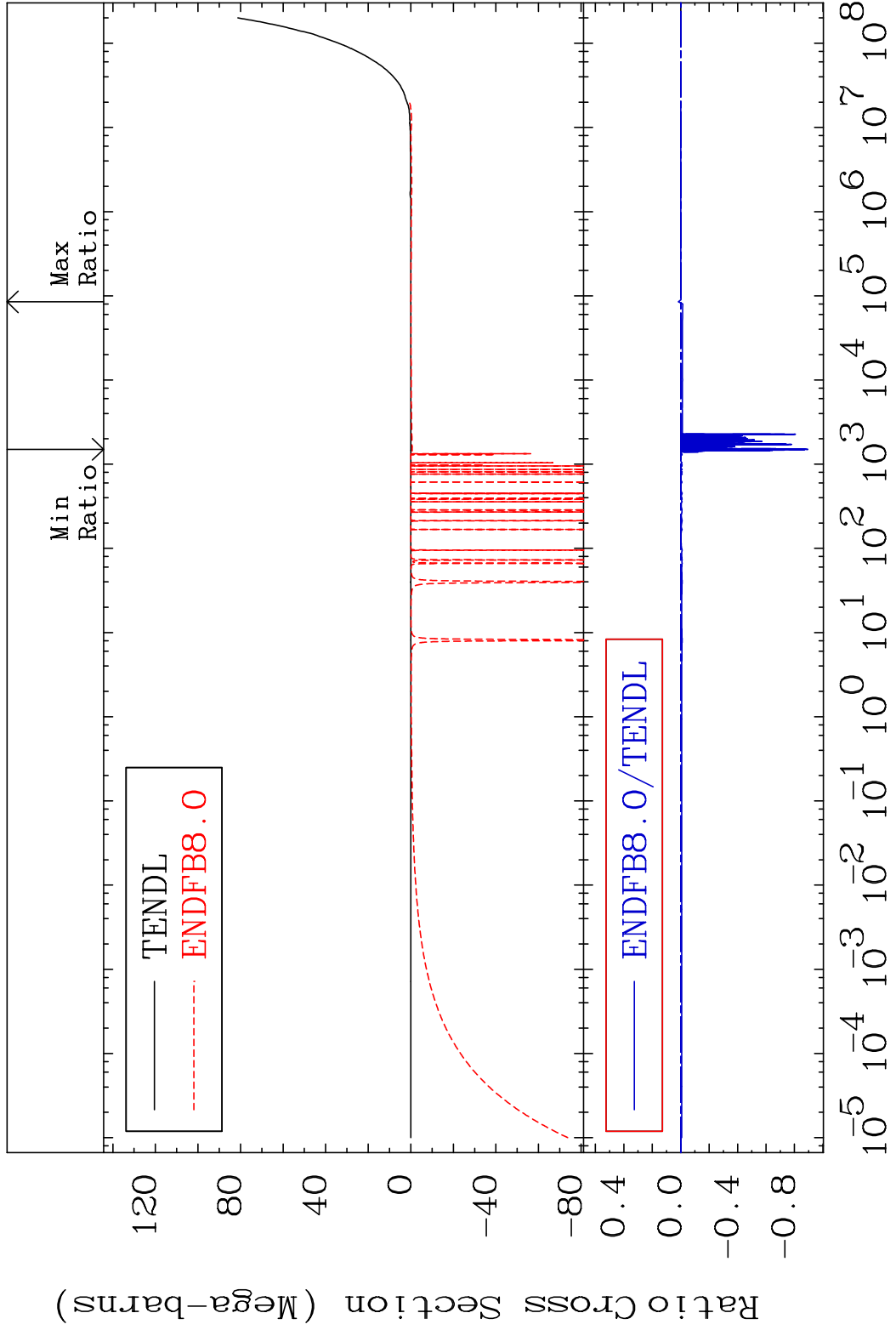


32

Incident Energy (eV)

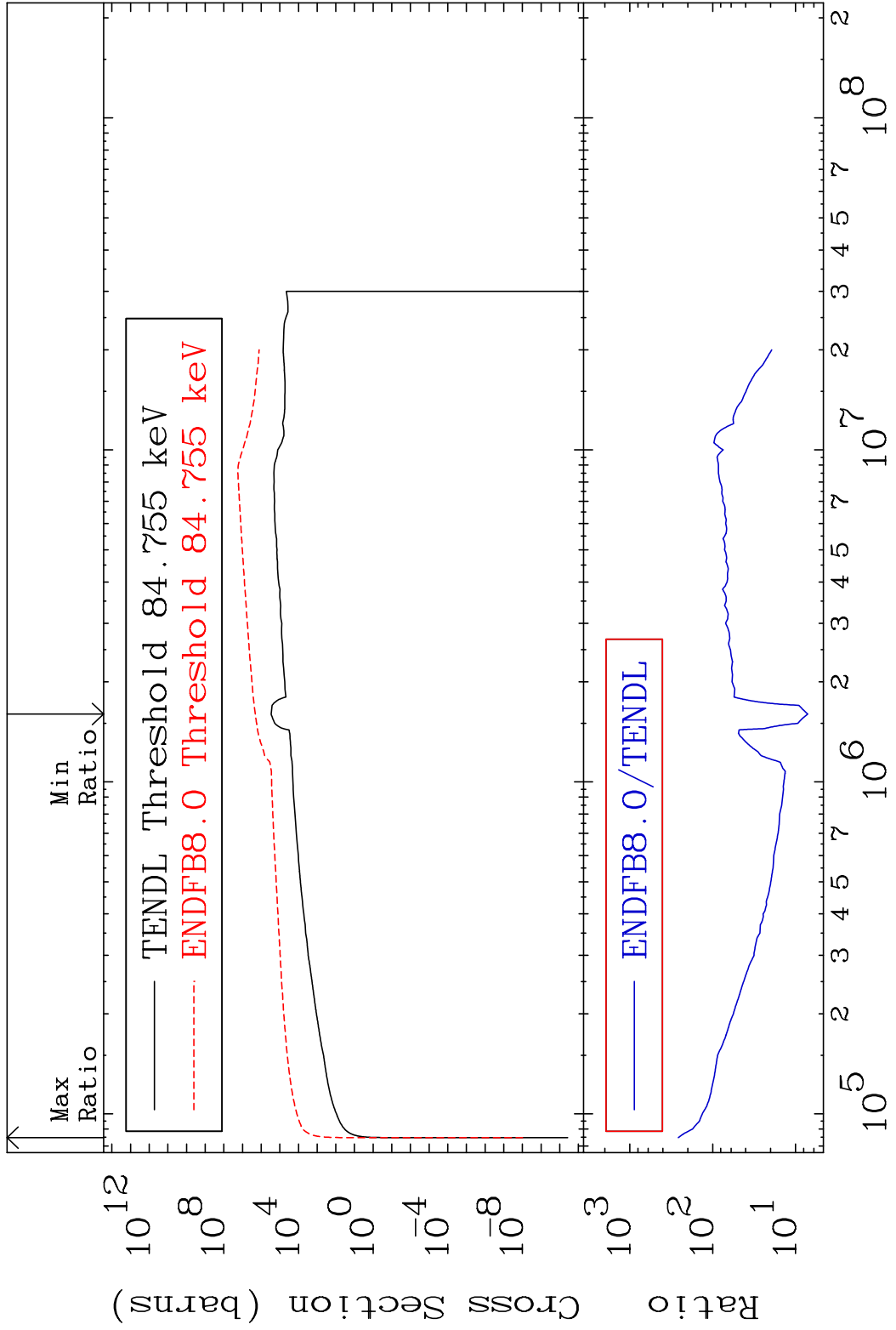
70-Yb-170

MAT 7031 Kerma non-elastic (all but mt2) 70-Yb-170
 Cross Section -9999. To 9999. %



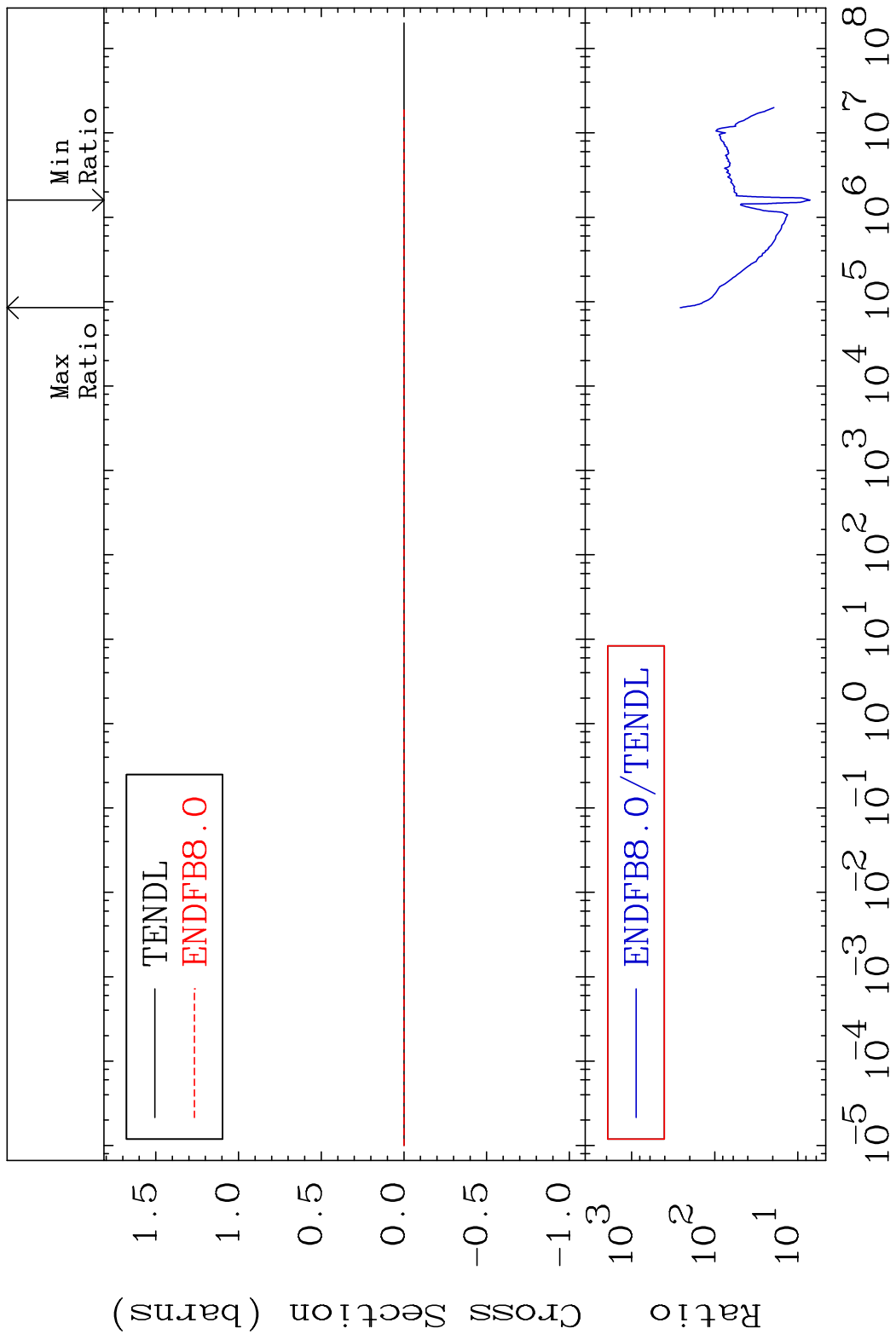
33 Incident Energy (eV) 70-Yb-170

MAT 7031 Kerma inelastic (mt51-91) 70-Yb-170
 Cross Section 613.3 To 9999. %

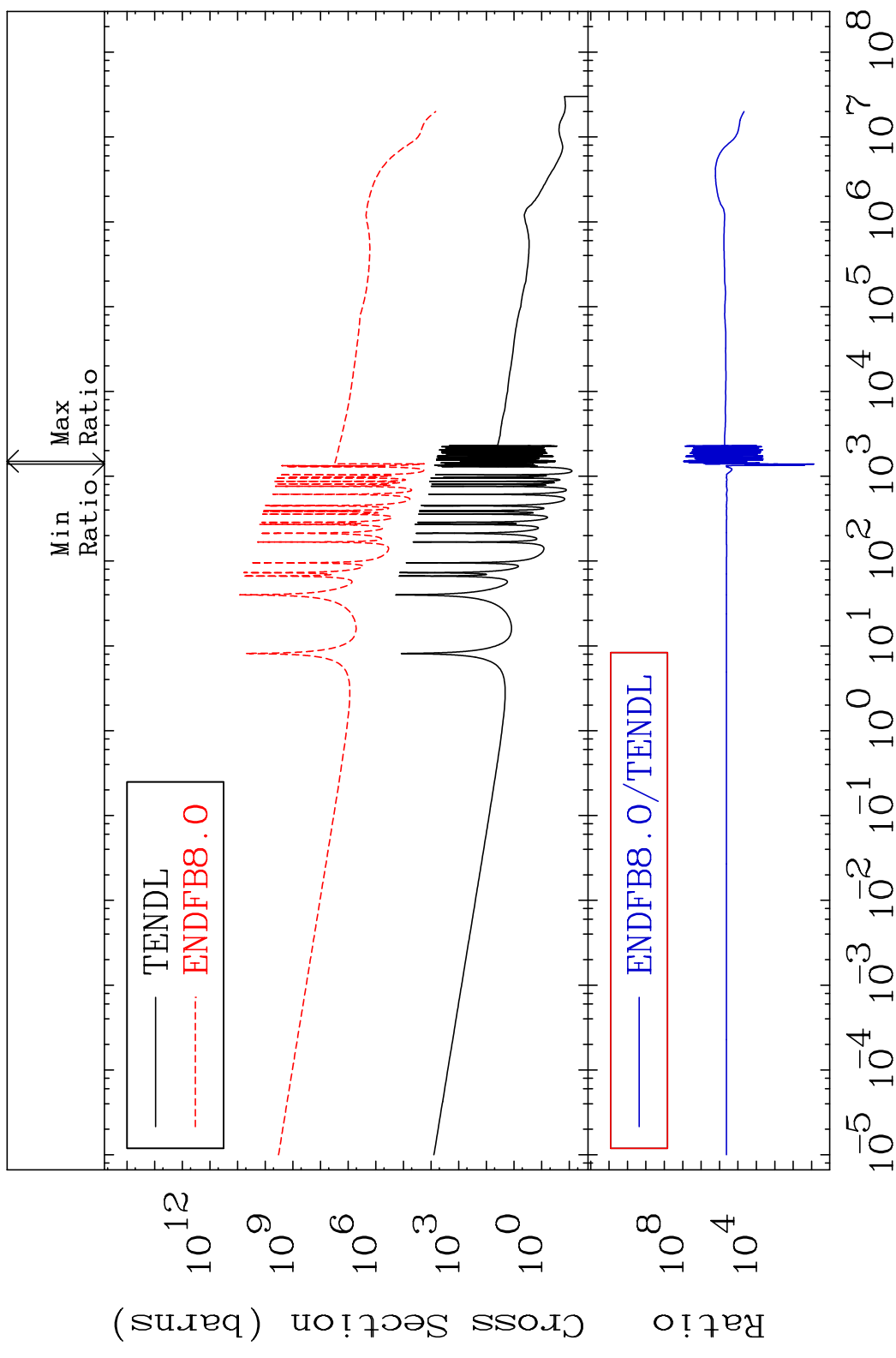


34 Incident Energy (eV) 70-Yb-170

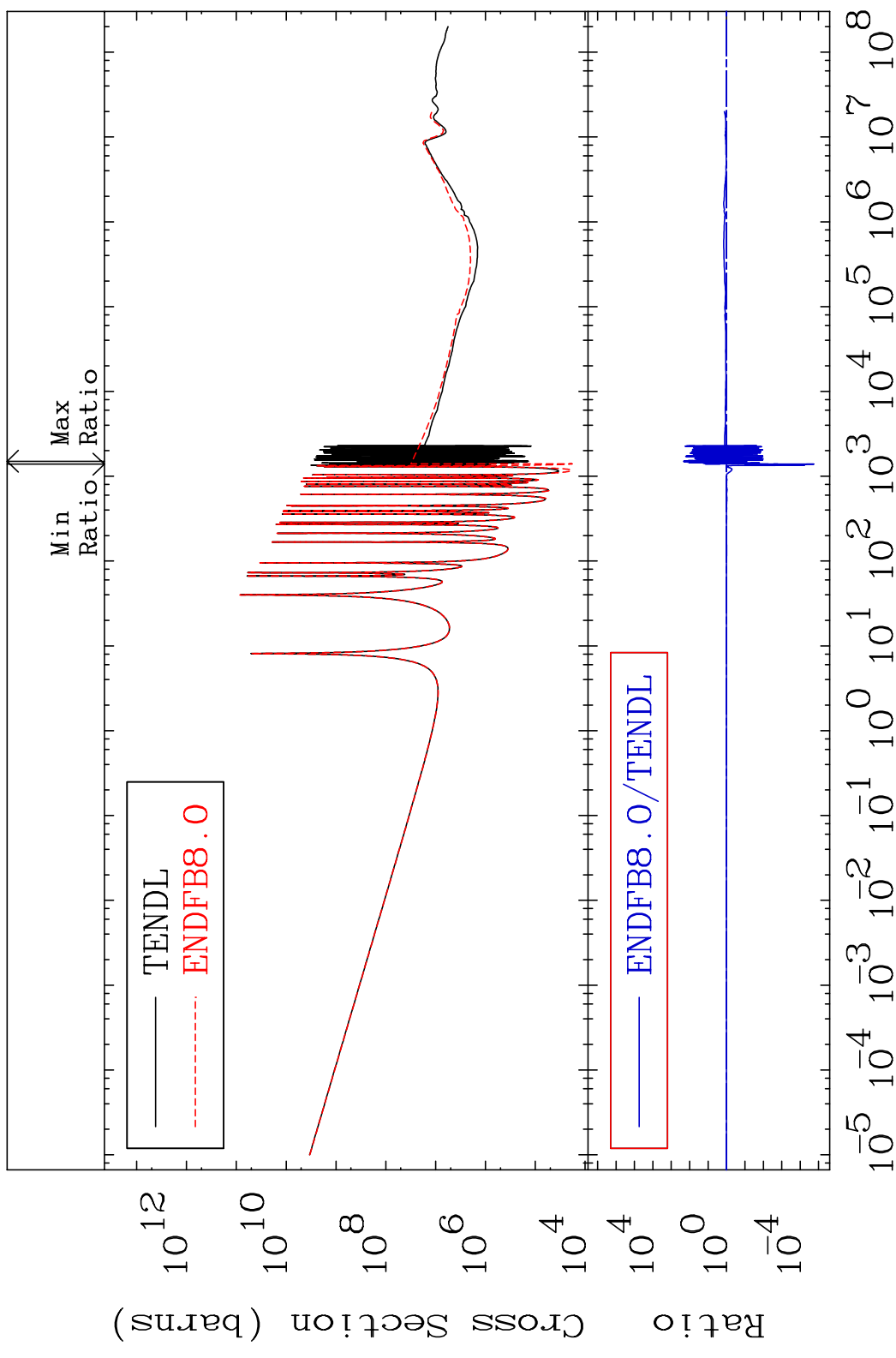
MAT 7031 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-170
 Cross Section 613.3 To 9999. %



MAT 7031 Kerma capture (mt102) 70-Yb-170
 Cross Section 654.4 To 9999. %

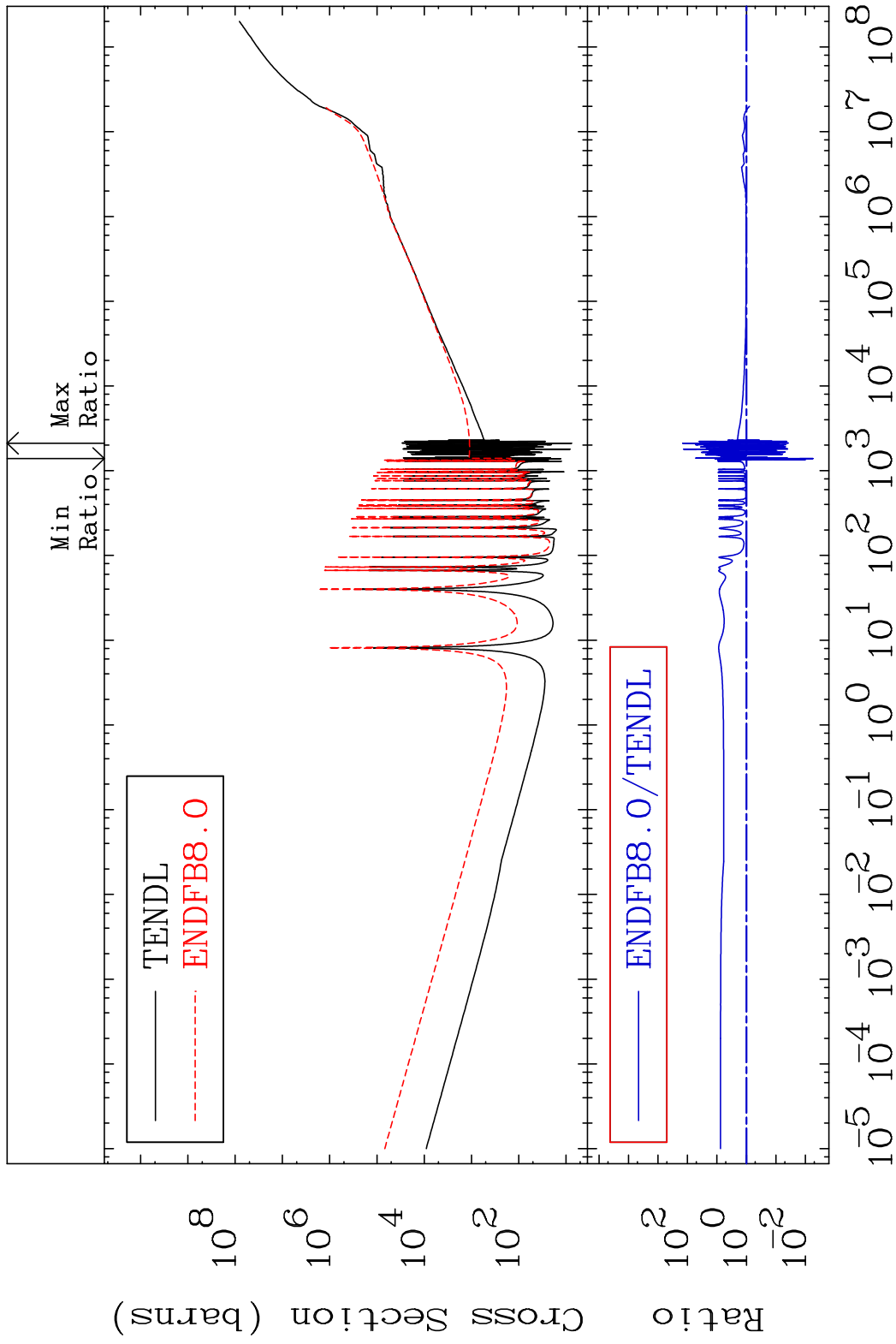


MAT 7031 Total photon (eV-barns) 70-Yb-170
 Cross Section -100.0 To 9999. %

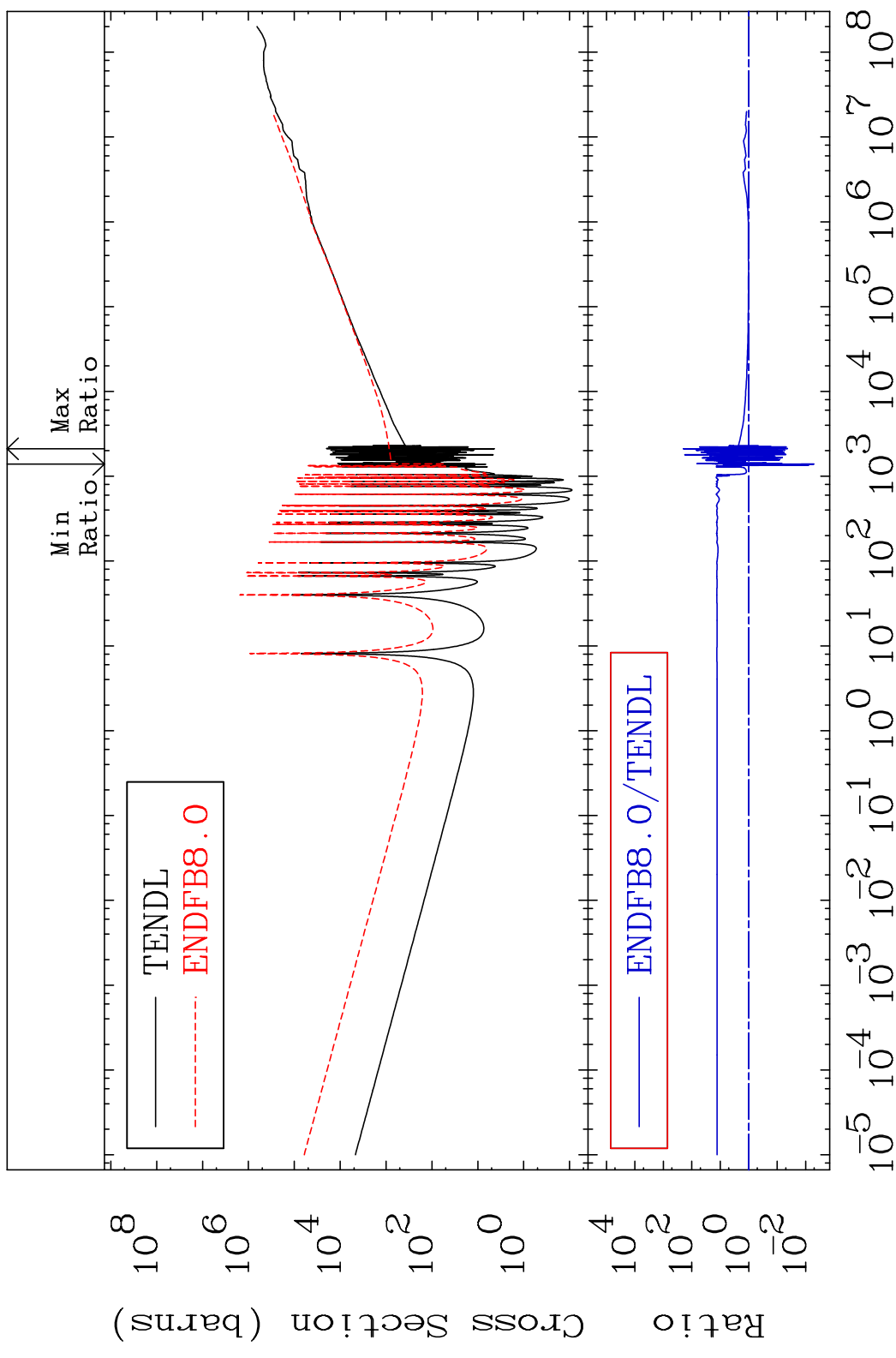


37 Incident Energy (eV) 70-Yb-170

MAT 7031 Total kinematic kerma (high limit) 70-Yb-170
Cross Section -99.46 To 9999. %

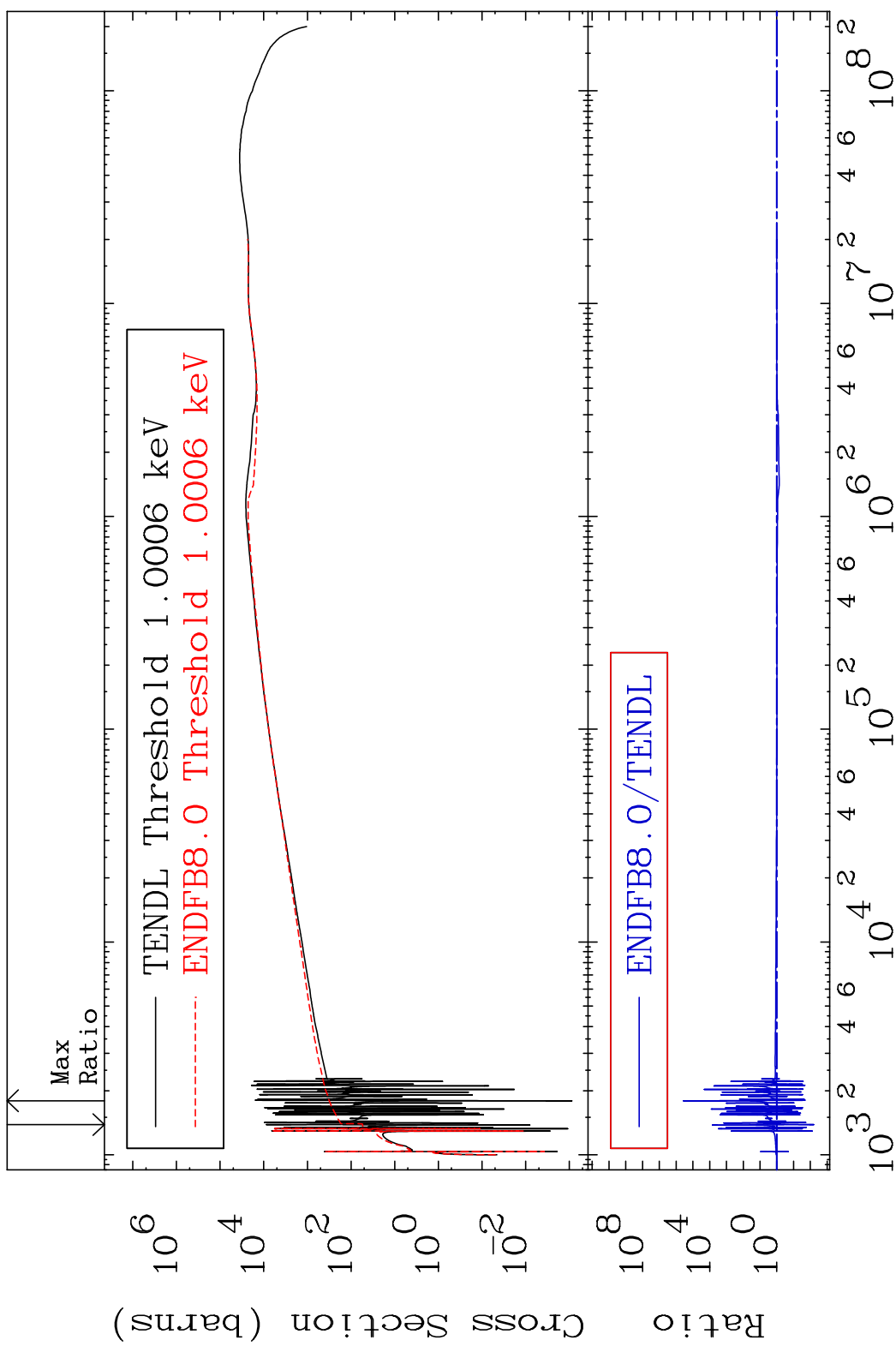


MAT 7031 Dpa total (eV-barns) 70-Yb-170
 Cross Section -99.49 To 9999. %



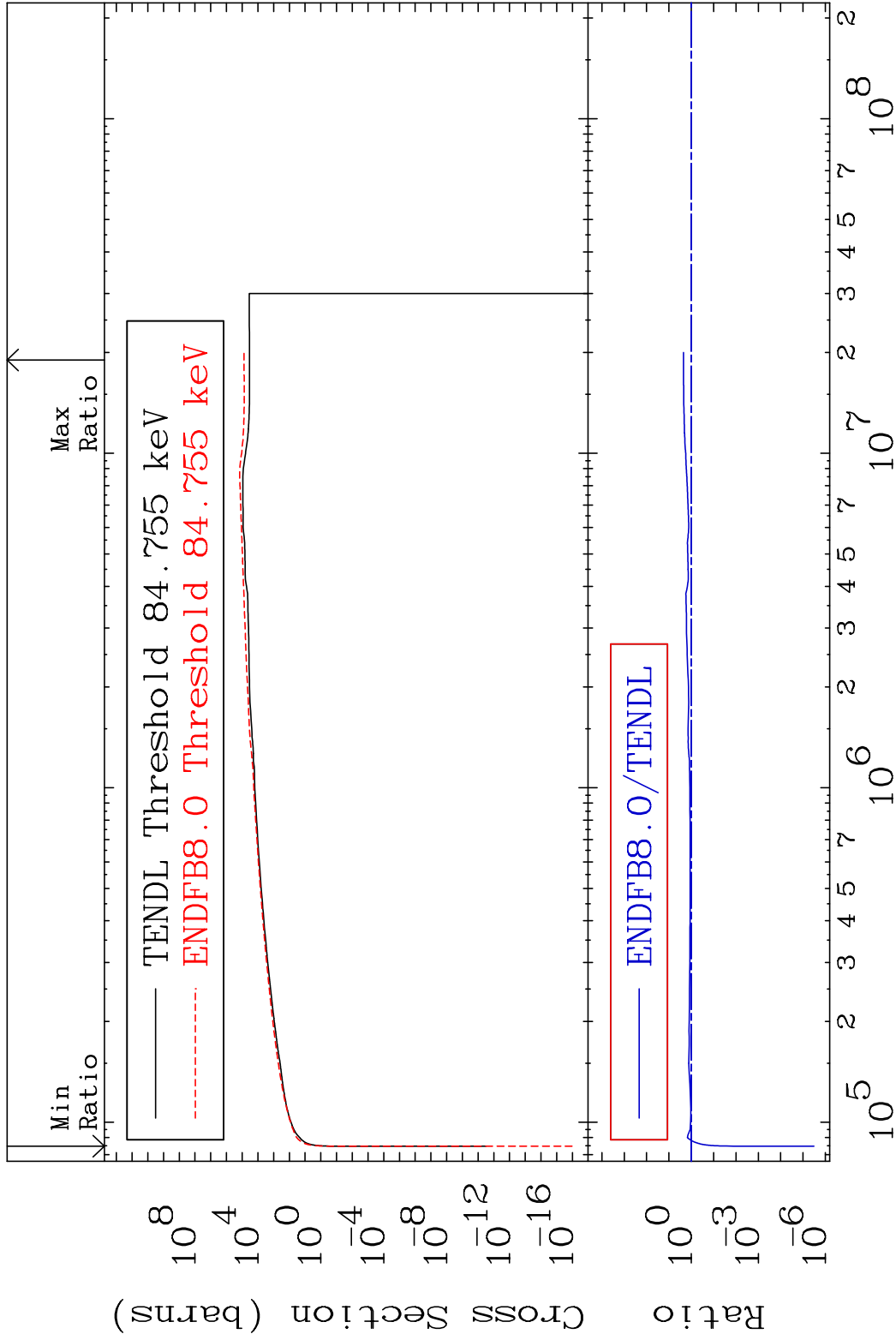
39 Incident Energy (eV) 70-Yb-170

MAT 7031 Dpa elastic (mt2) 70-Yb-170
 Cross Section -99.38 To 9999. %



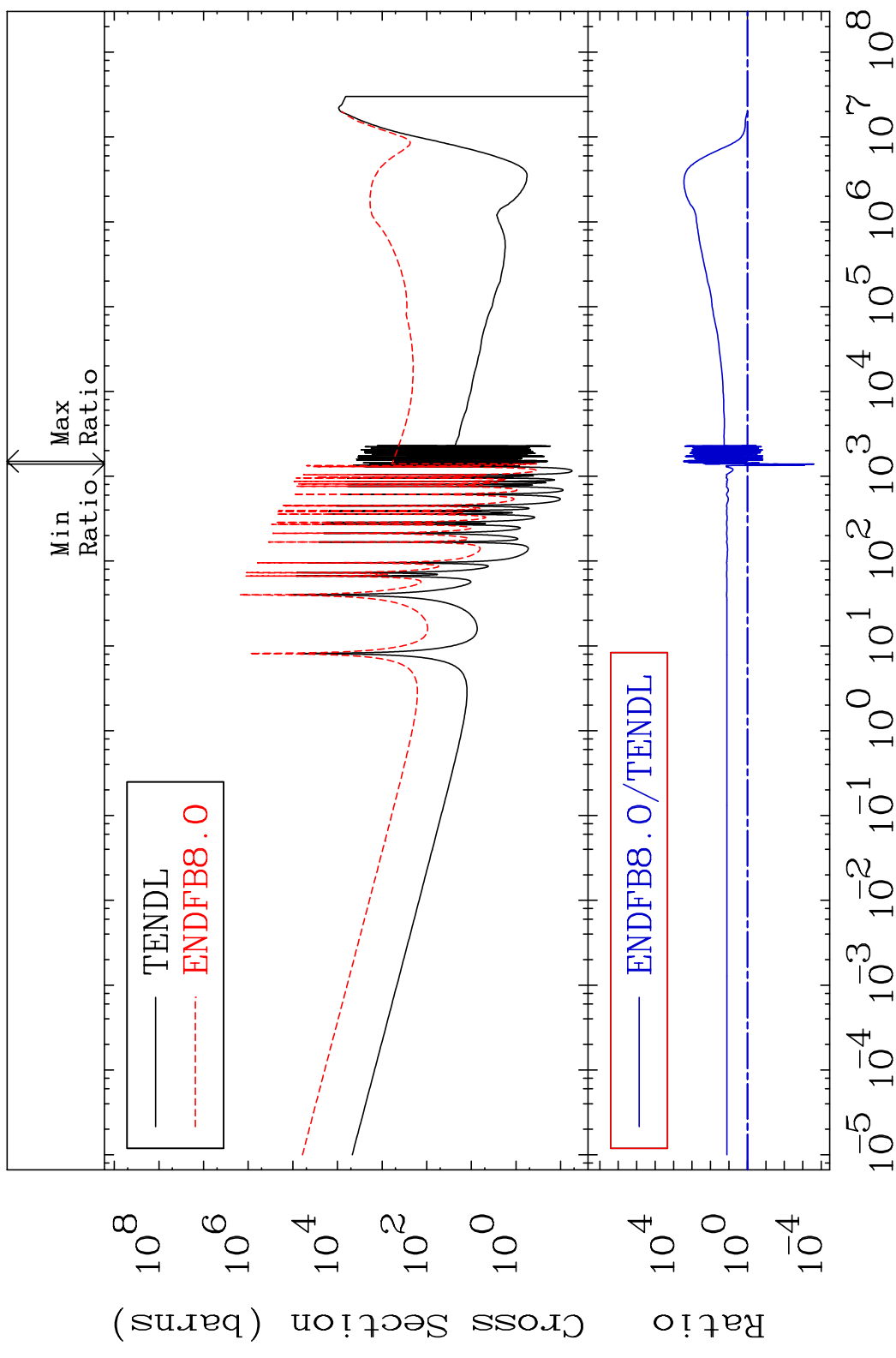
40 Incident Energy (eV) 70-Yb-170

MAT 7031 Dpa inelastic (mt51-91) 70-Yb-170
 Cross Section -100.0 To 124.1 %



41 Incident Energy (eV) 70-Yb-170

MAT 7031 Dpa disappearance (mt102 -120) 70-Yb-170
 Cross Section -99.98 To 9999. %



42 Incident Energy (eV) 70-Yb-170