

Program Complot
(Version 2021-1)

by

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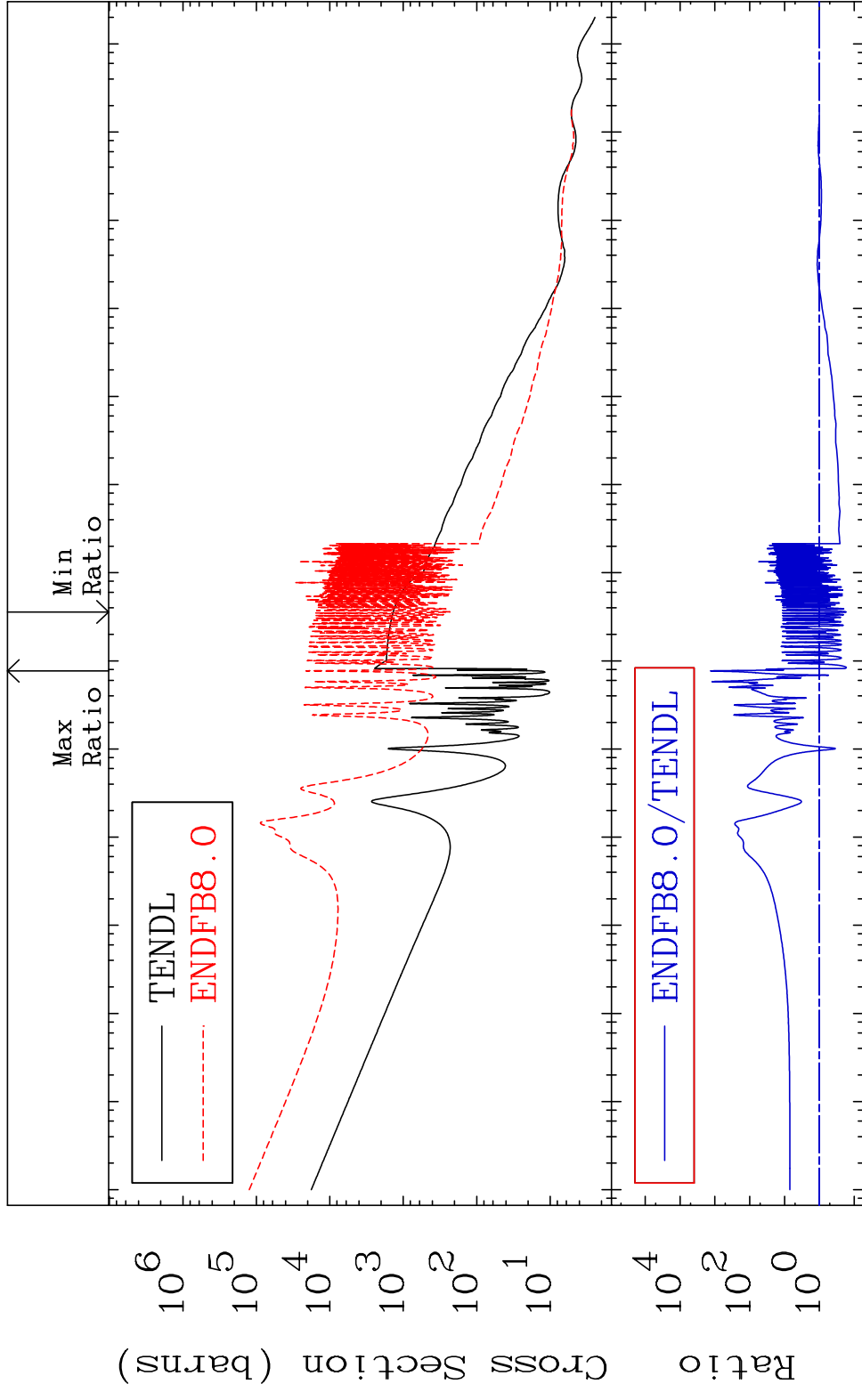
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6522

Total Cross Section -83.24 To 9999. %

65-Tb-158

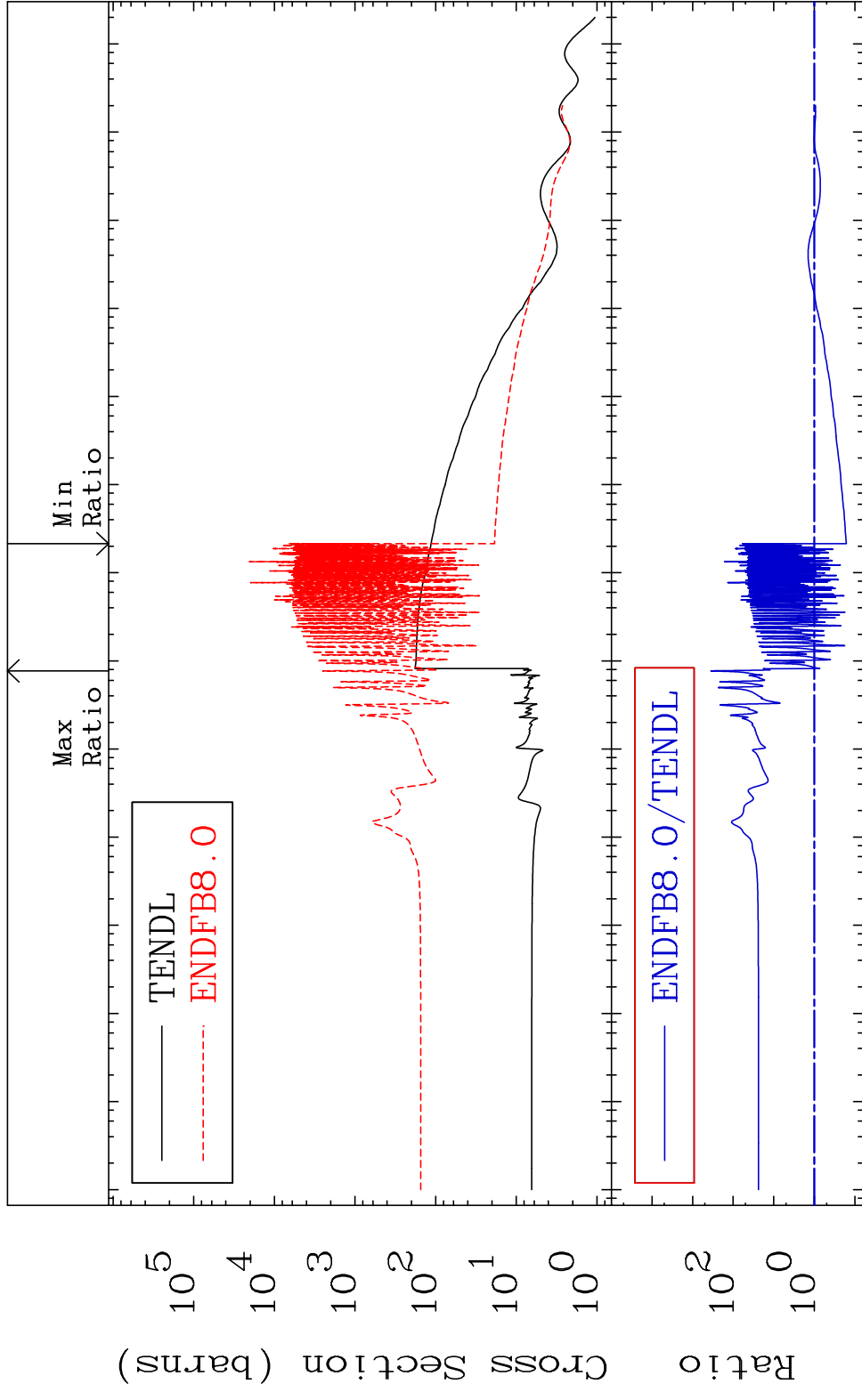


1 Incident Energy (eV) 65-Tb-158

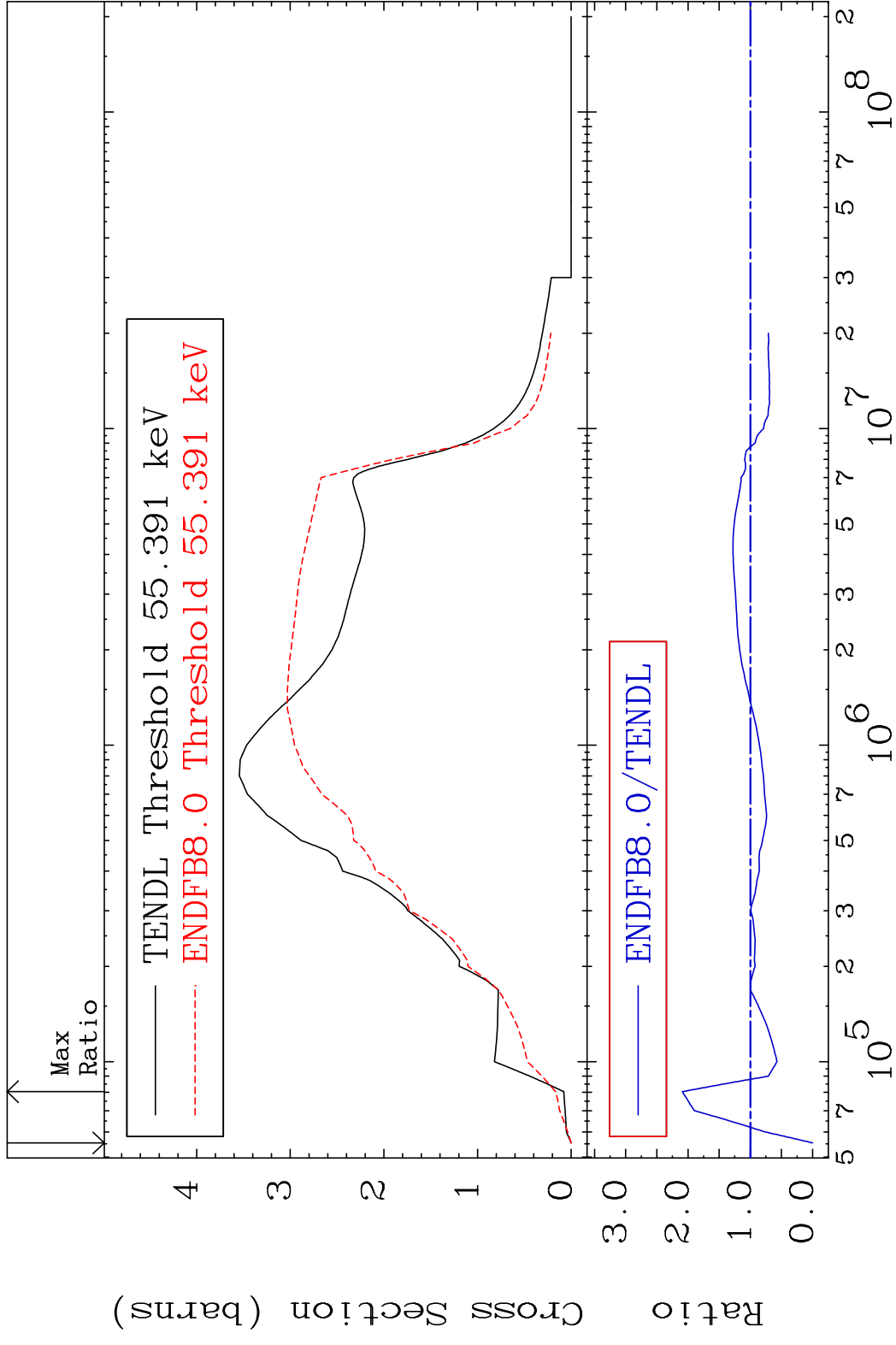
MAT 6522

Elastic Cross Section -83.67 To 9999. %

65-Tb-158



MAT 6522 Inelastic 65-Tb-158
 Cross Section -100.0 To 109.1 %



3 Incident Energy (eV) 65-Tb-158

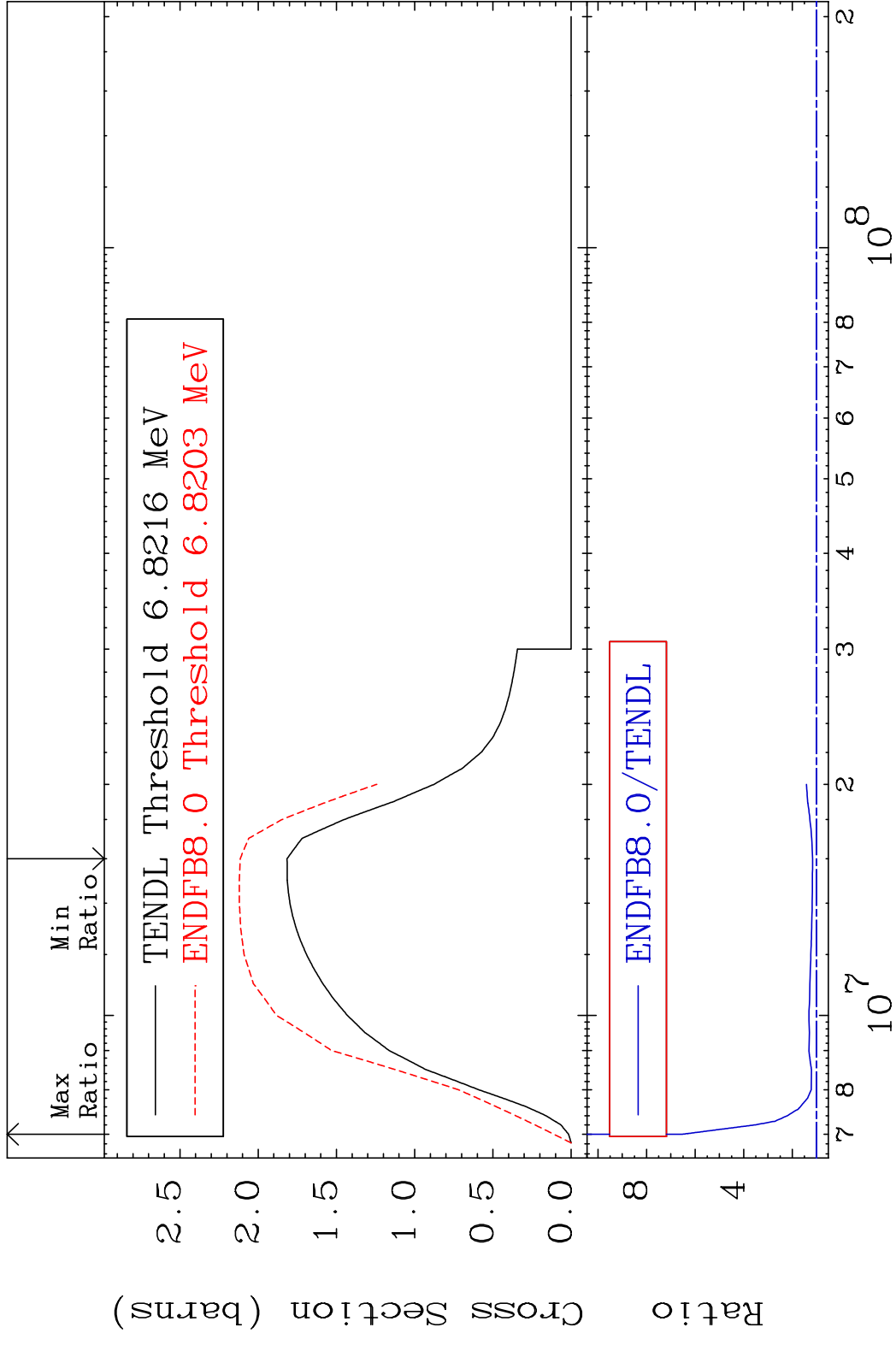
MAT 6522

(n,2n)

65-Tb-158

Cross Section 16.49

To 552.5 %

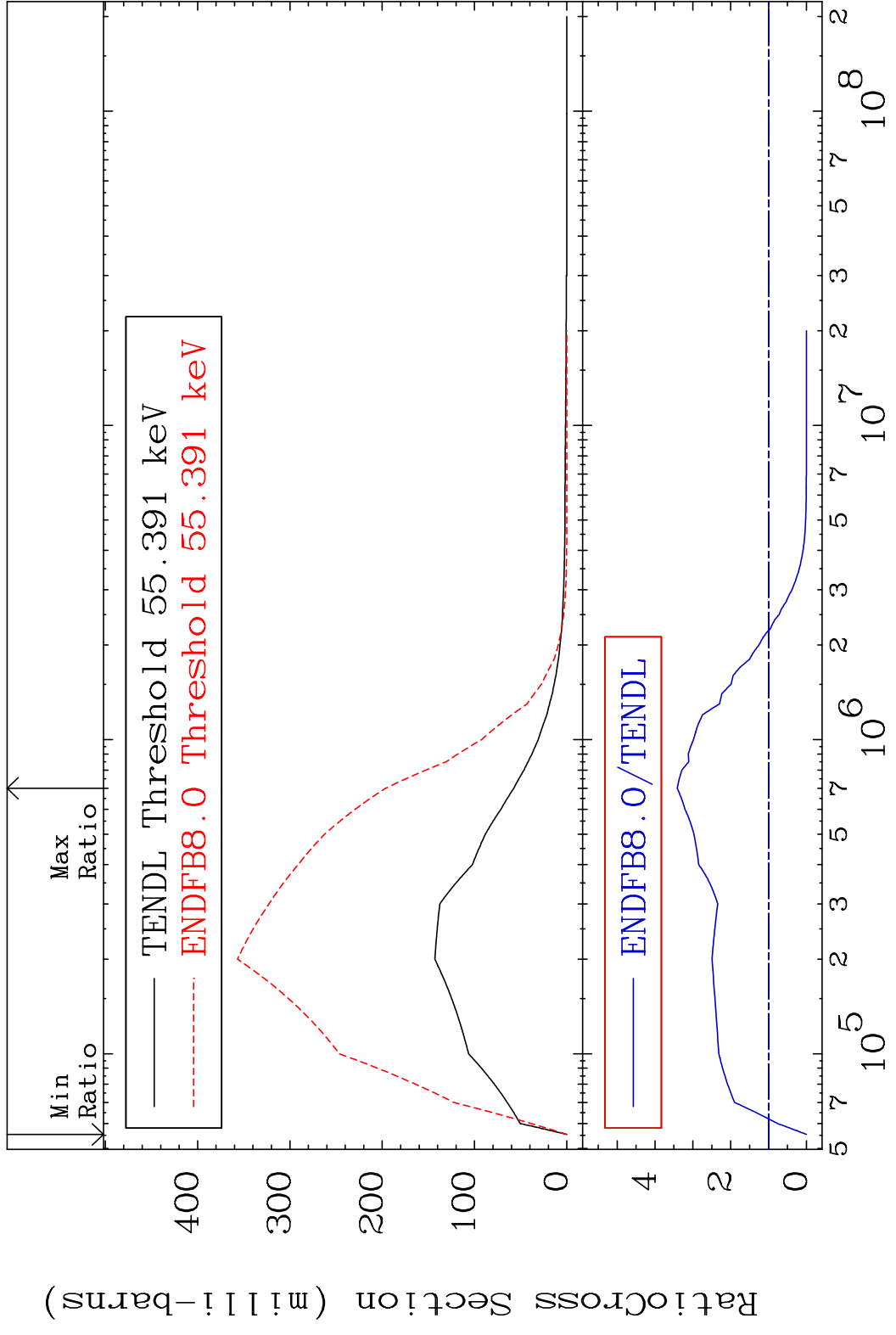


4

Incident Energy (eV)

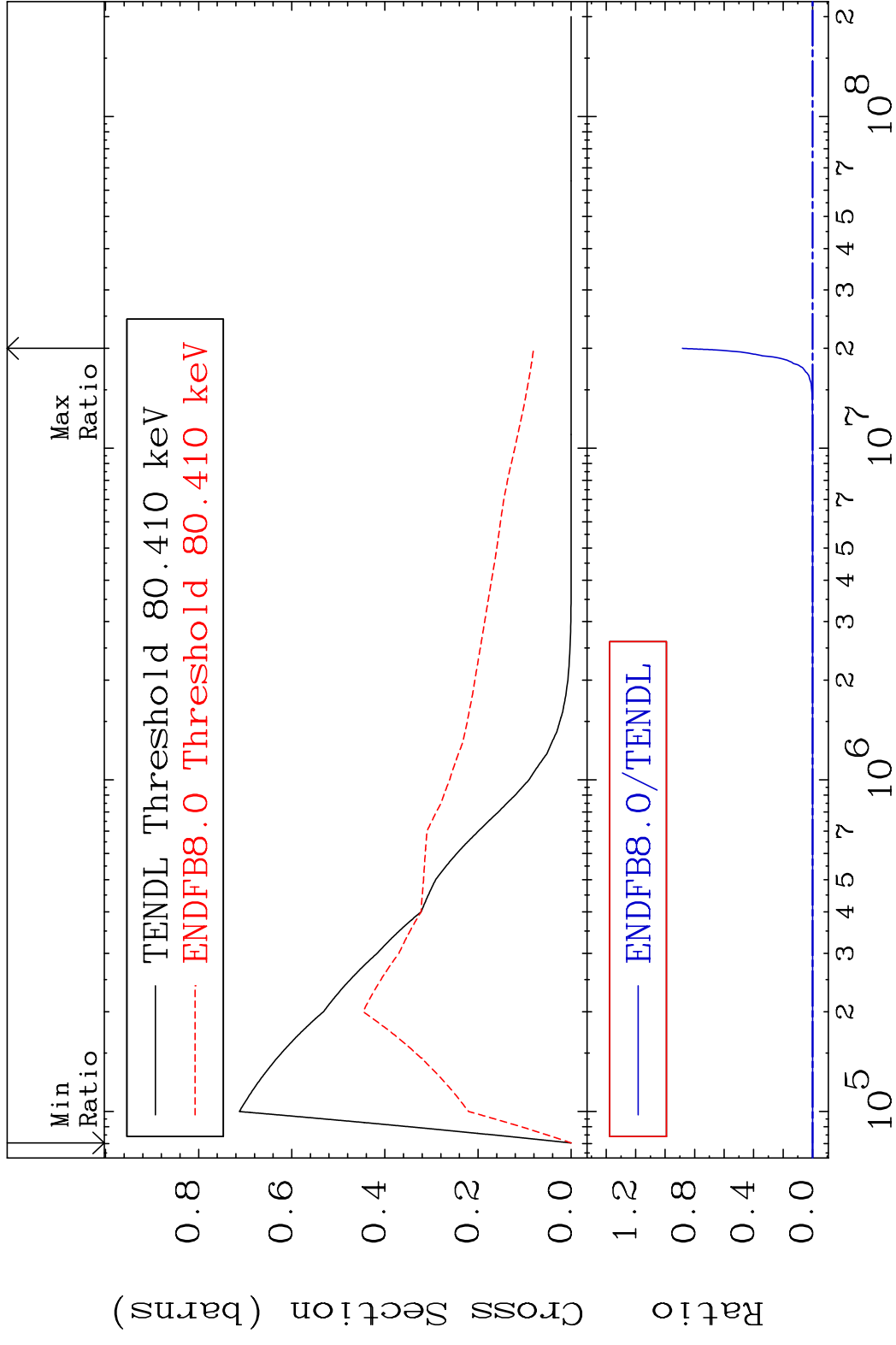
65-Tb-158

MAT 6522 MT= 51 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 241.4 %



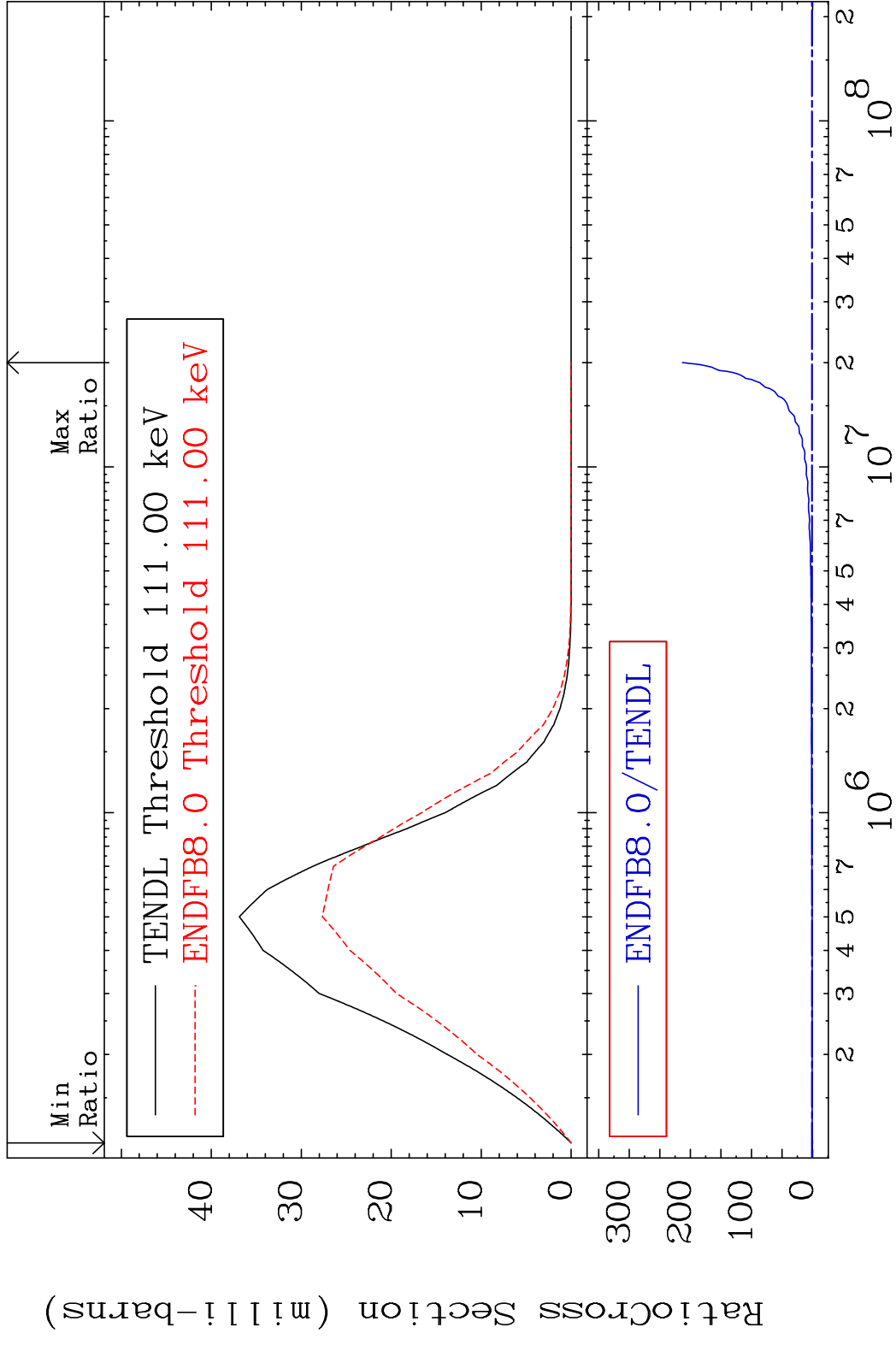
5 5 7 10⁵ 2 3 5 7 10⁶ 2 3 5 7 10⁷ 2 3 5 7 10⁸ 2
 65-Tb-158

MAT 6522 MT= 52 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %

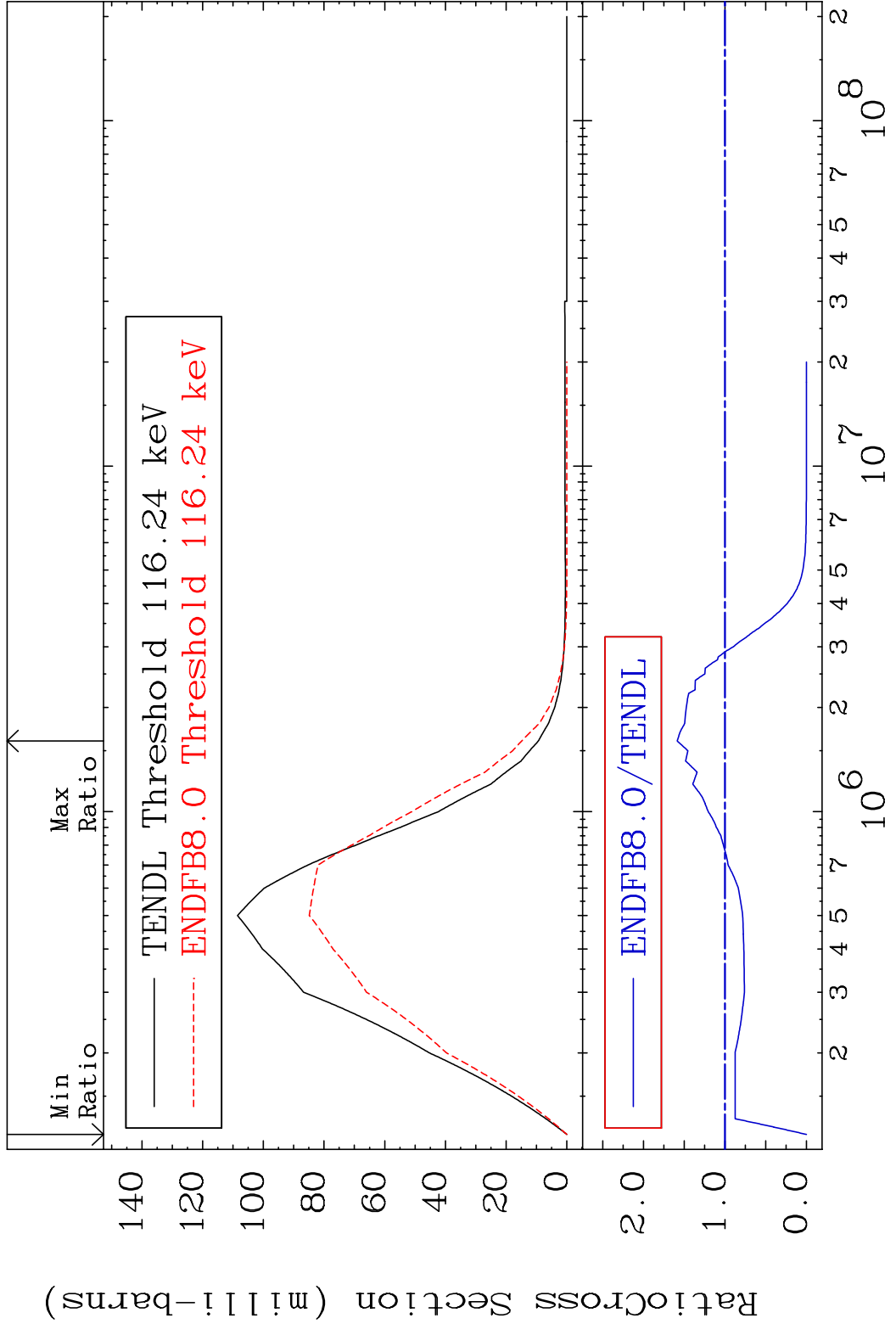


6 65-Tb-158

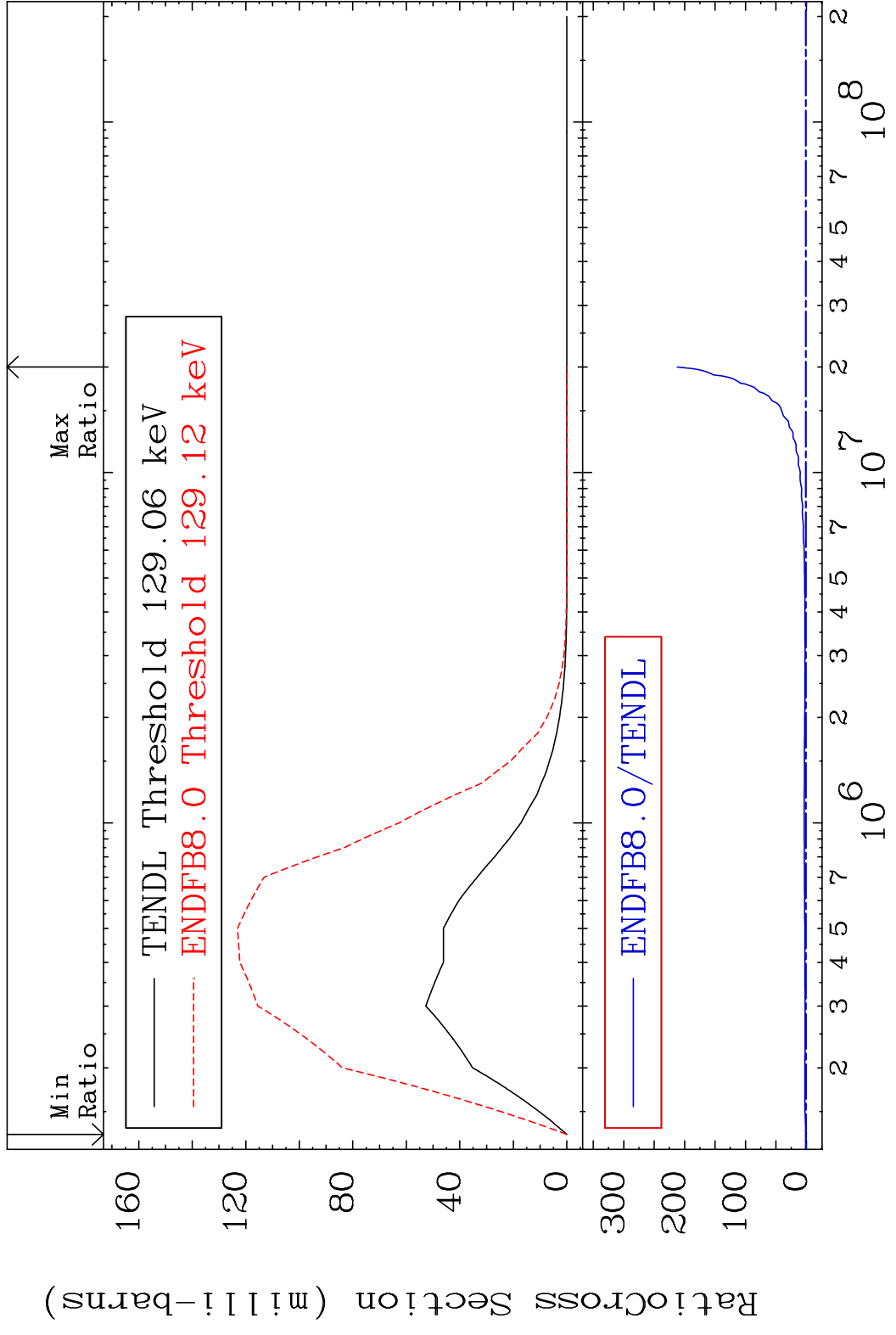
MAT 6522 MT= 53 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



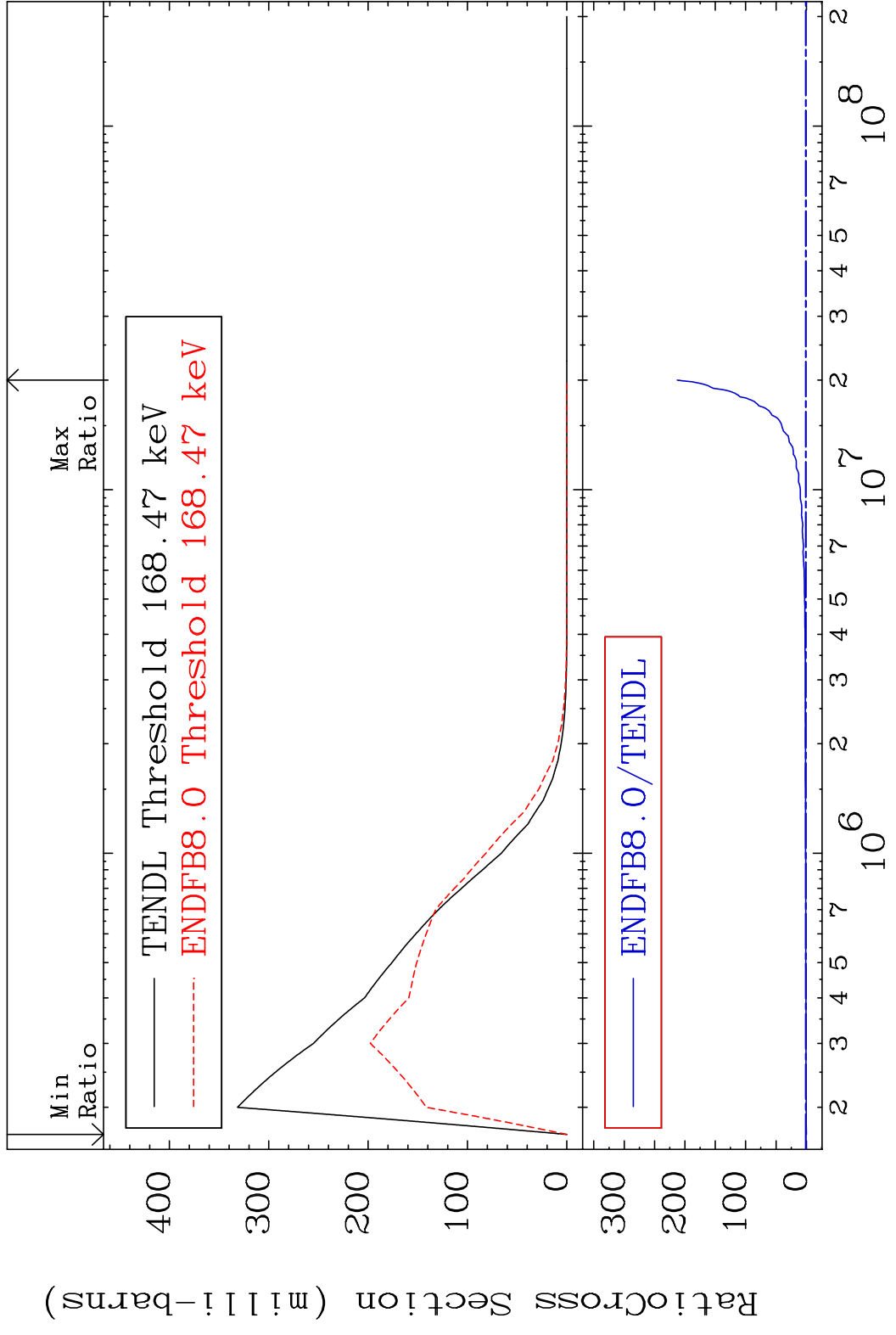
MAT 6522 MT= 54 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 58.71 %



MAT 6522 MT= 55 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %

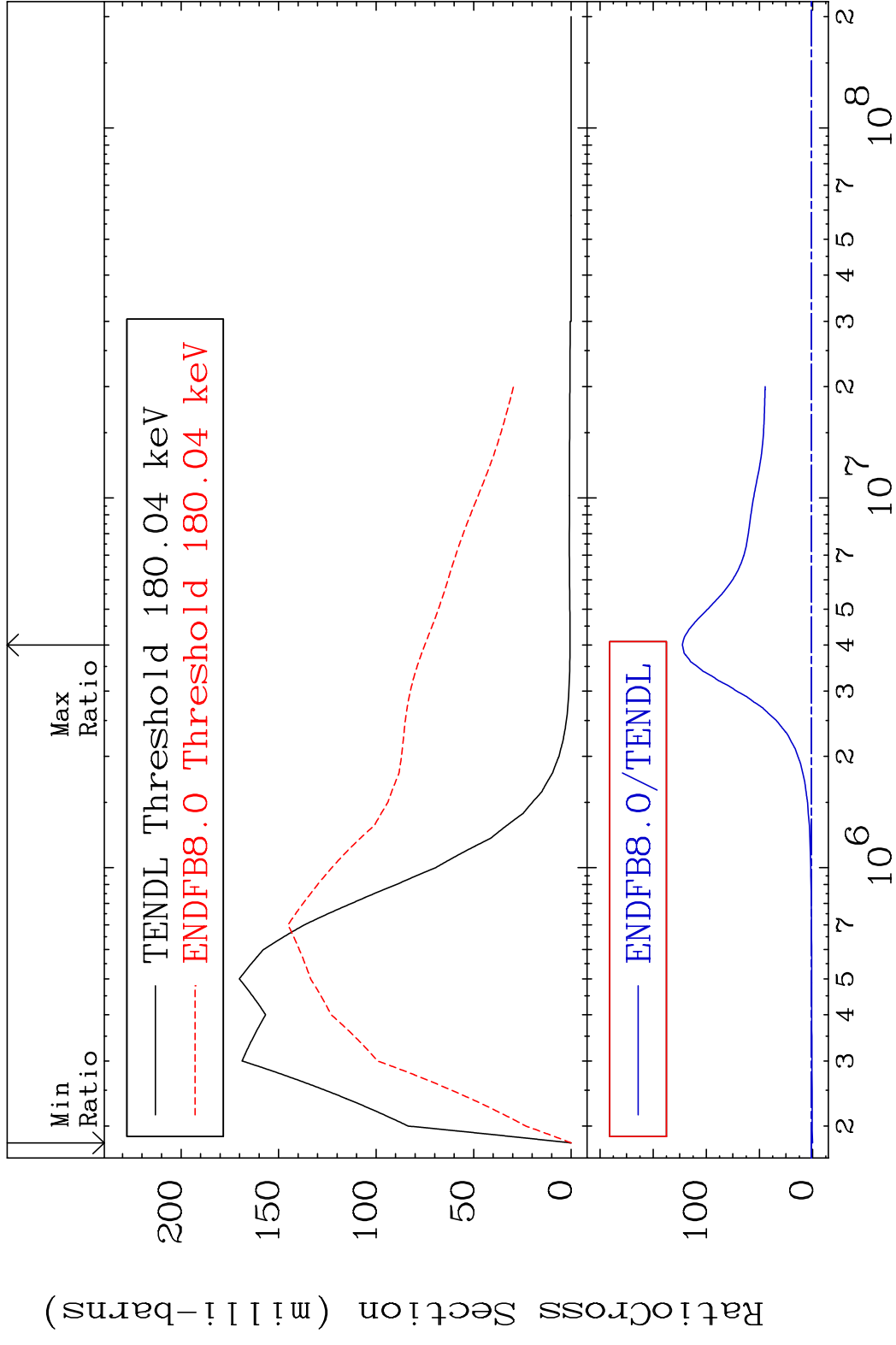


MAT 6522 MT= 56 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %

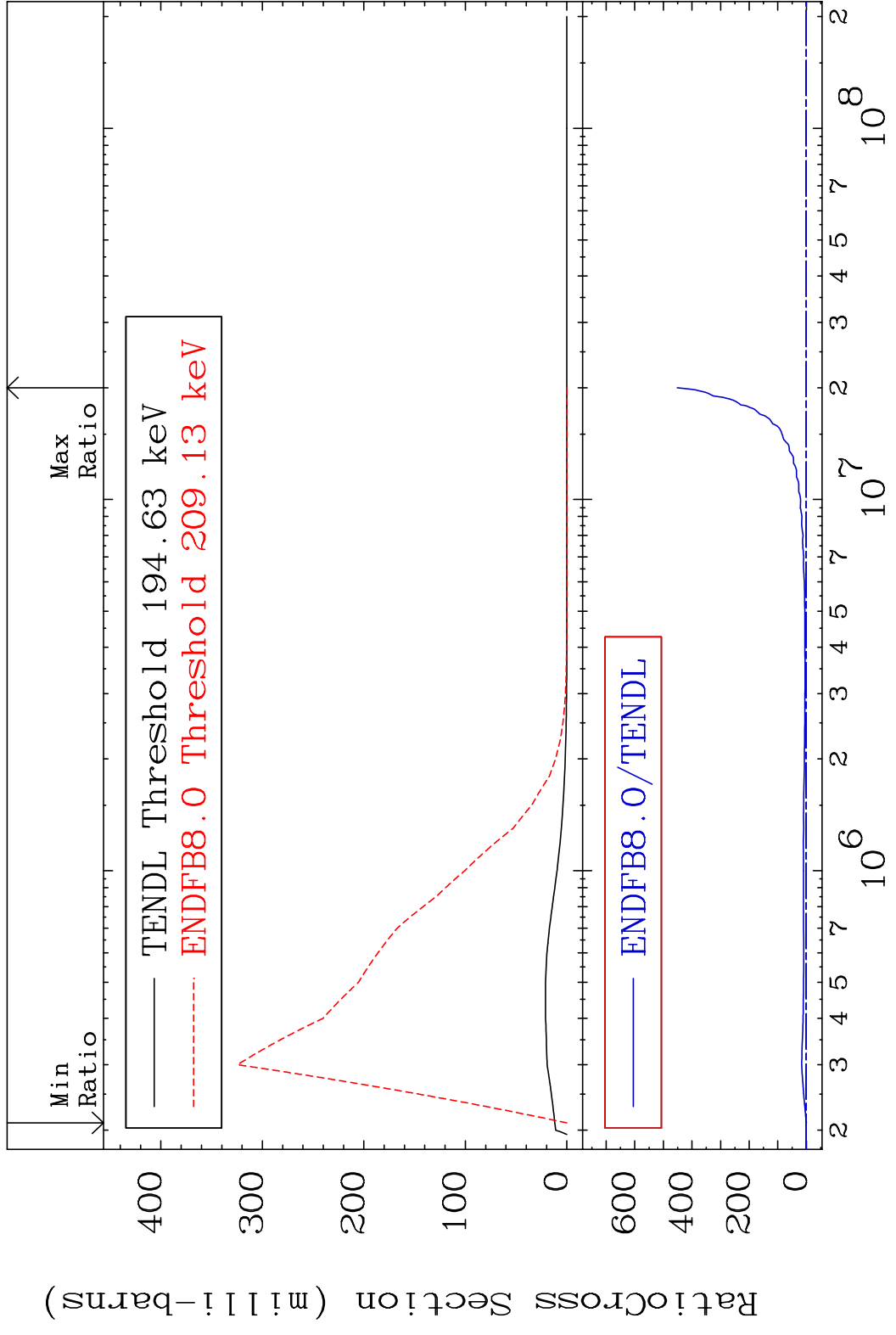


10 Incident Energy (eV) 65-Tb-158

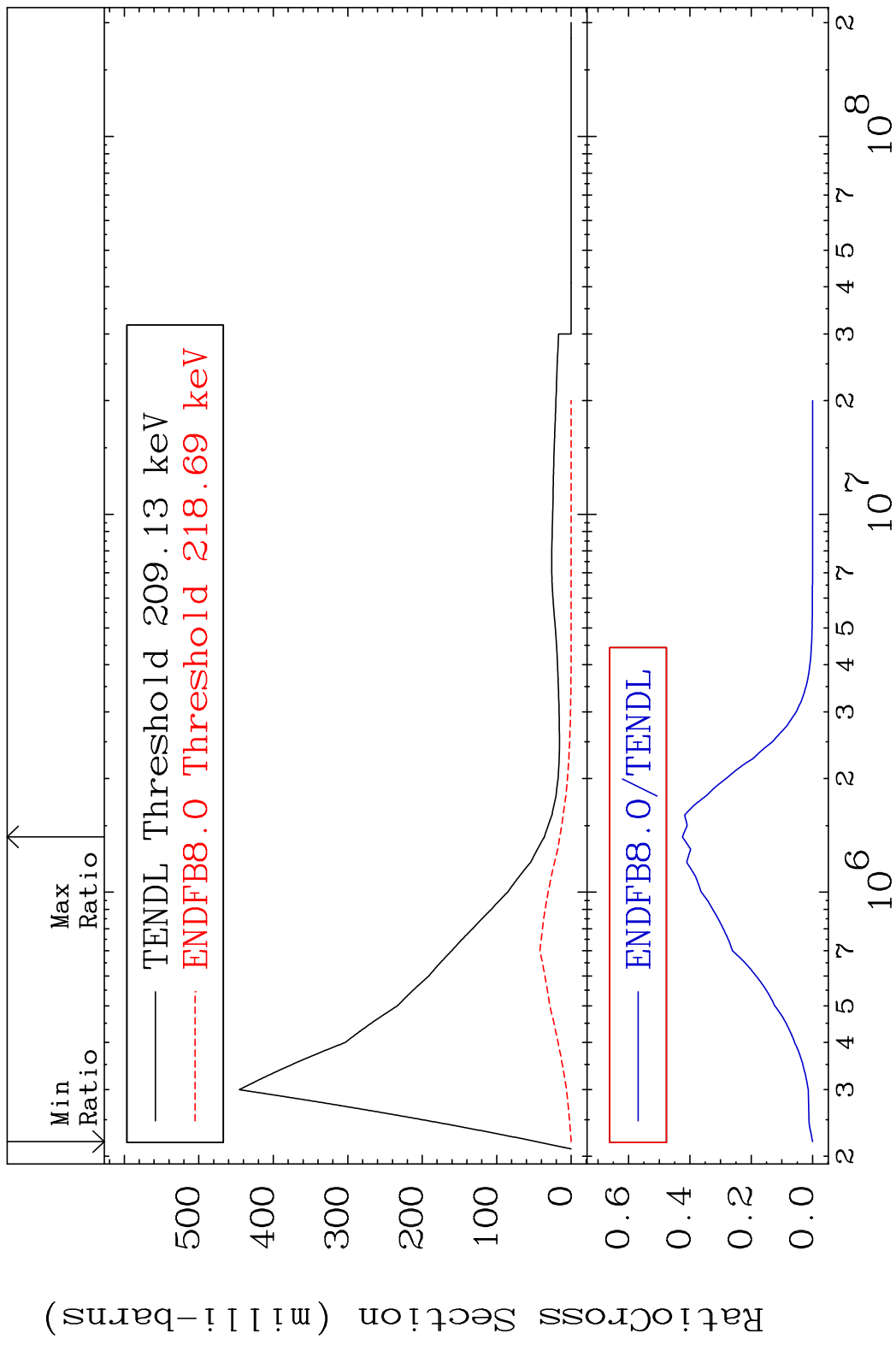
MAT 6522 MT= 57 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



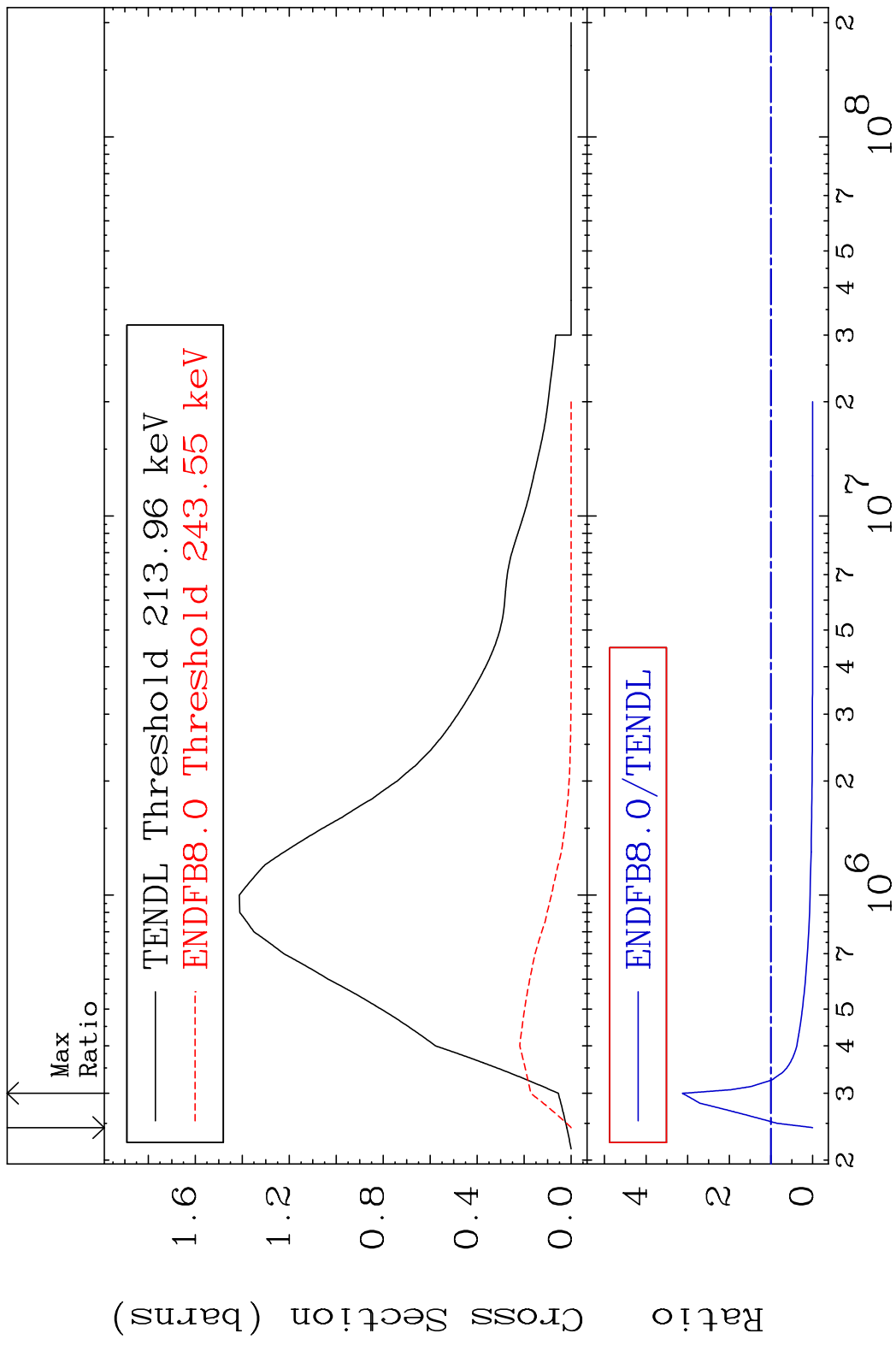
MAT 6522 MT= 58 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



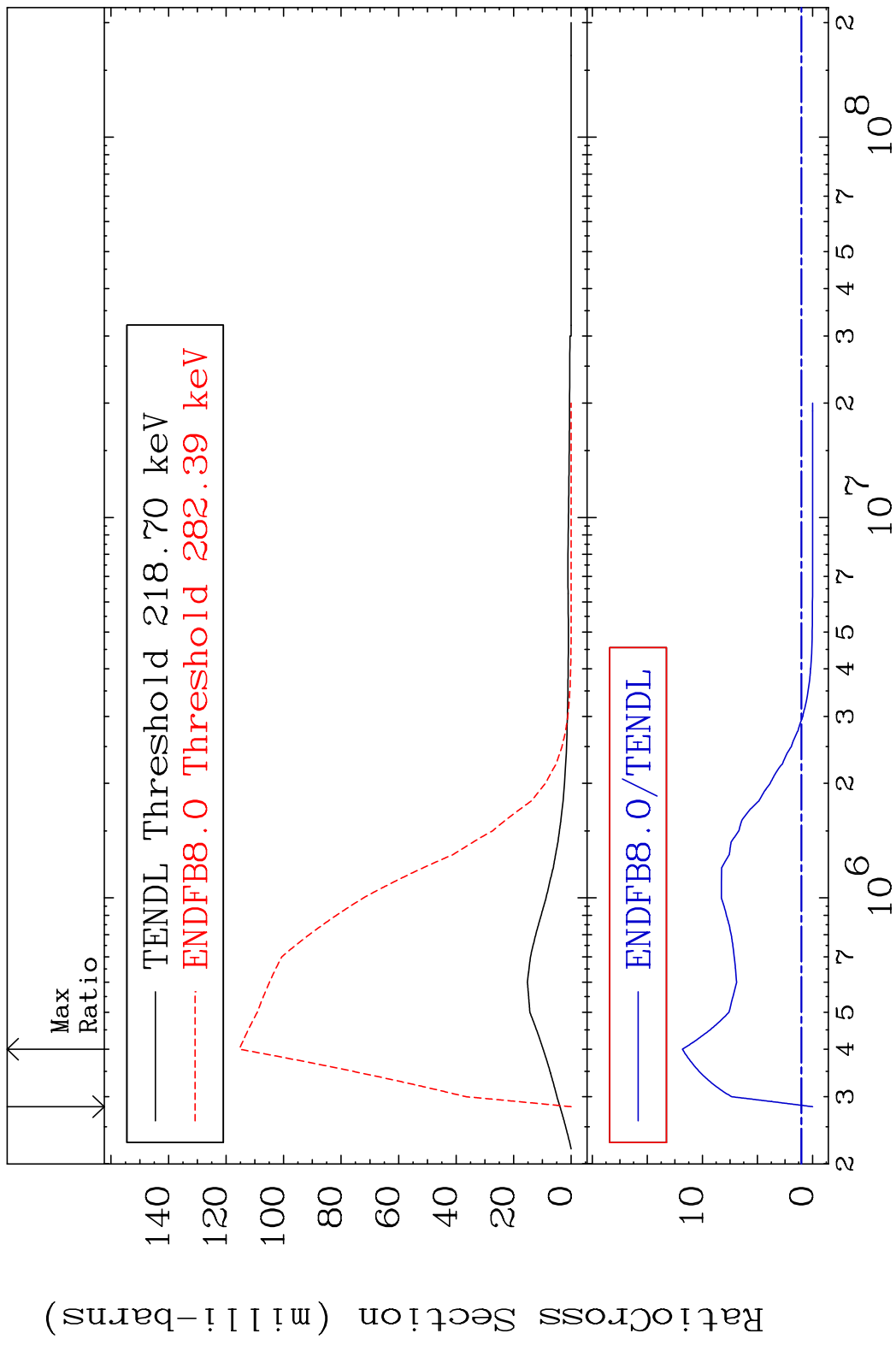
MAT 6522 MT= 59 (n, n') Level 65-Tb-158
 Cross Section -100.0 To -57.54%



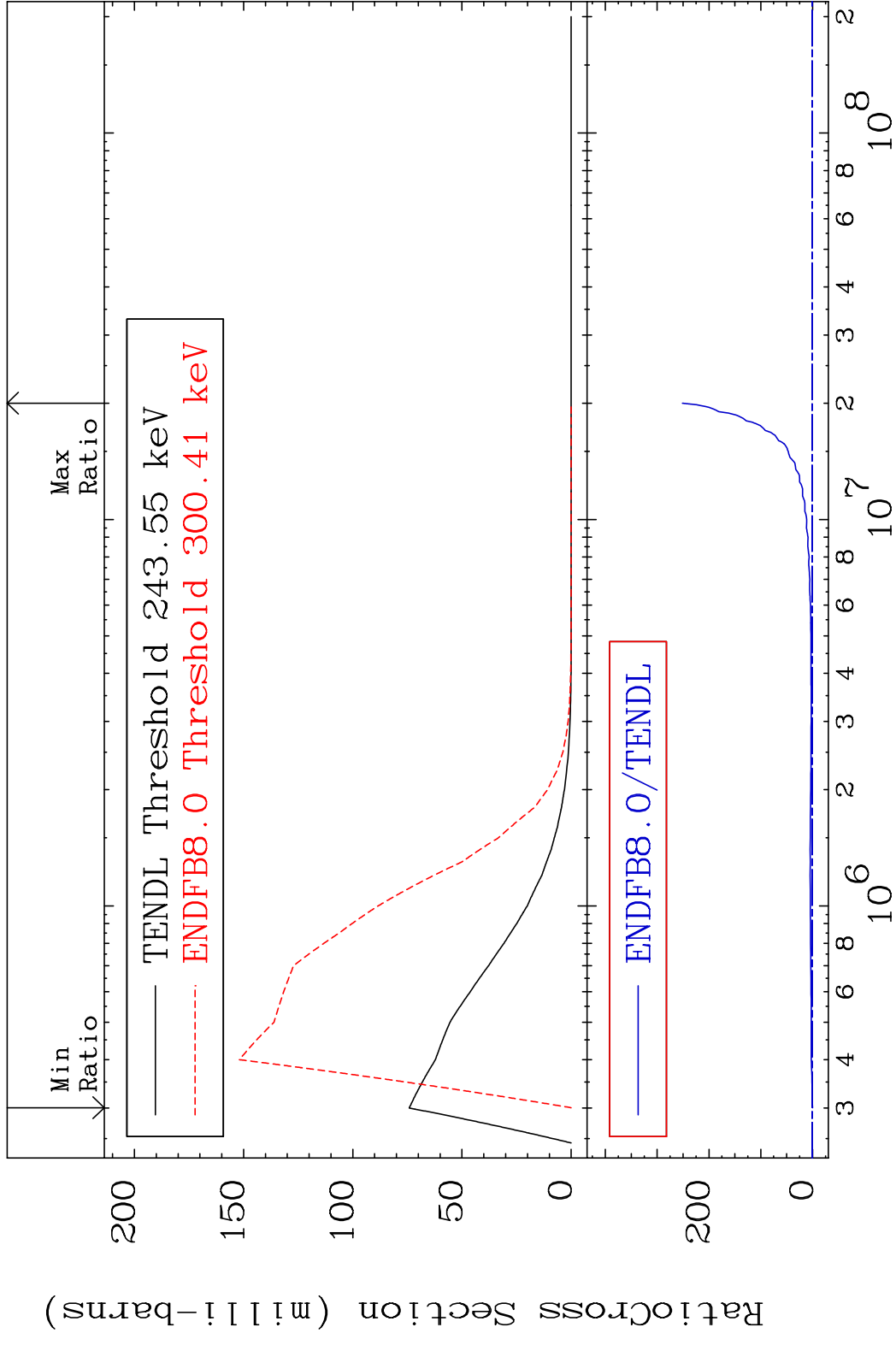
MAT 6522 MT= 60 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 212.8 %



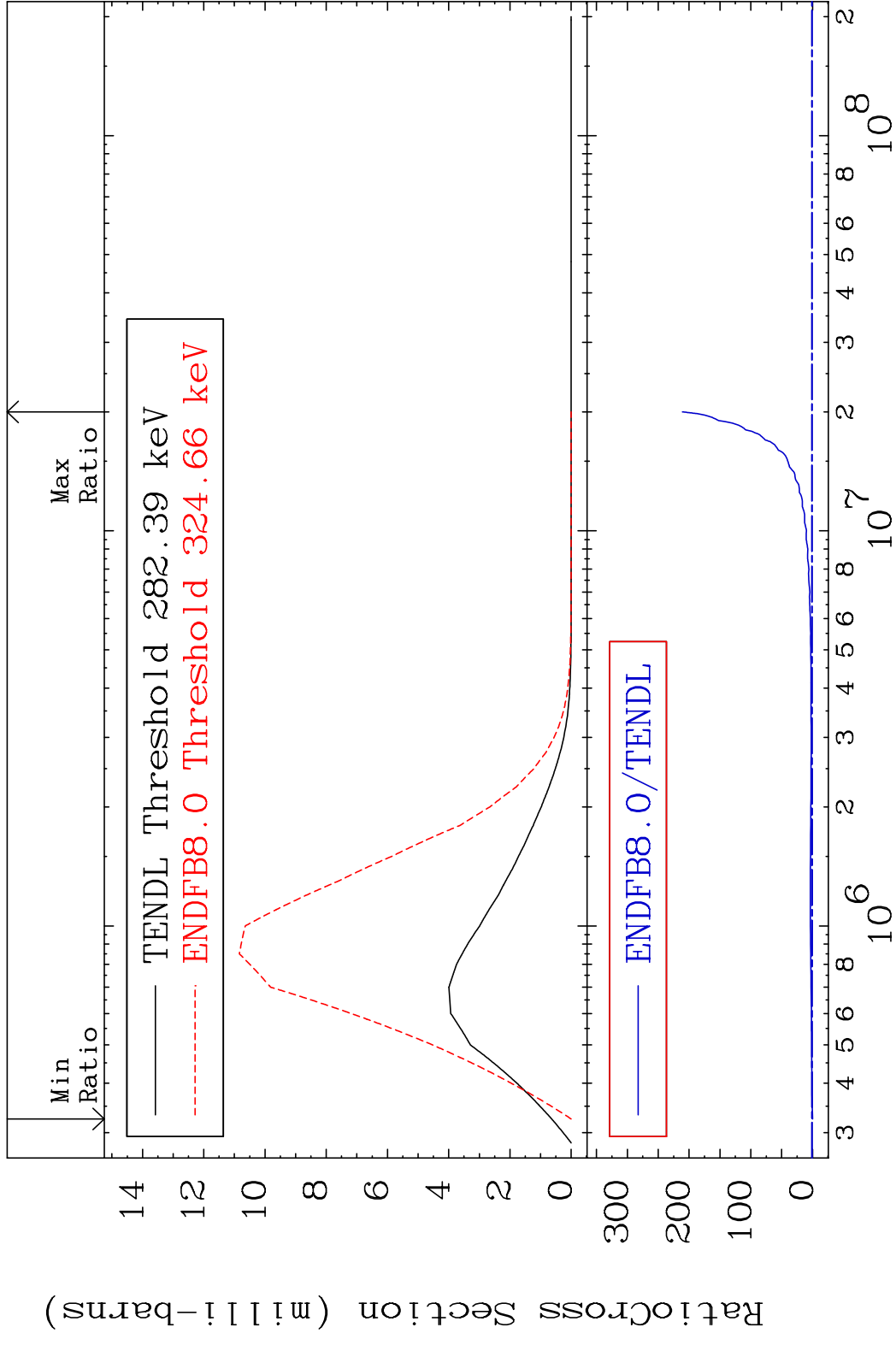
MAT 6522 MT= 61 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 1082. %



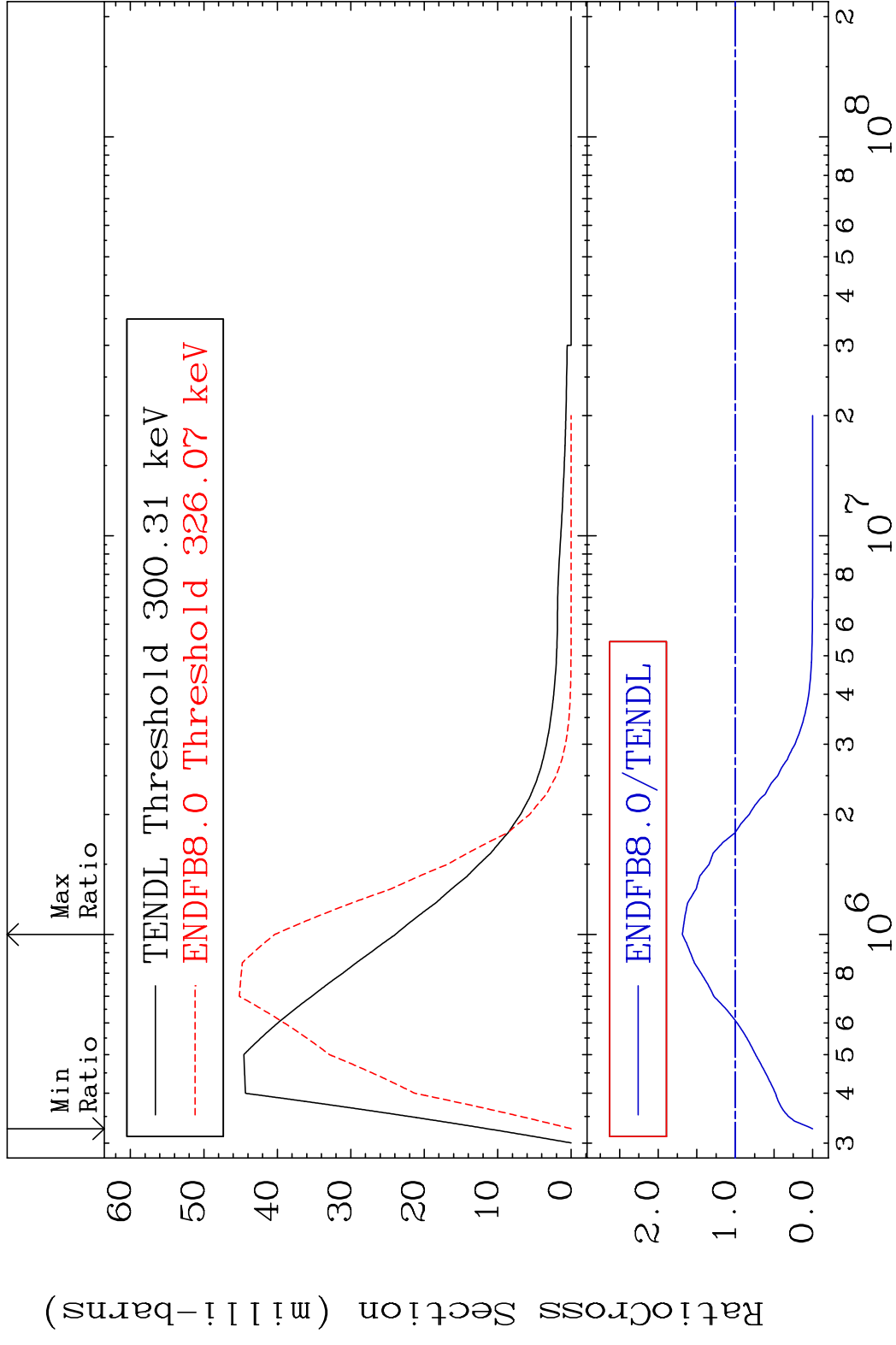
MAT 6522 MT= 62 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



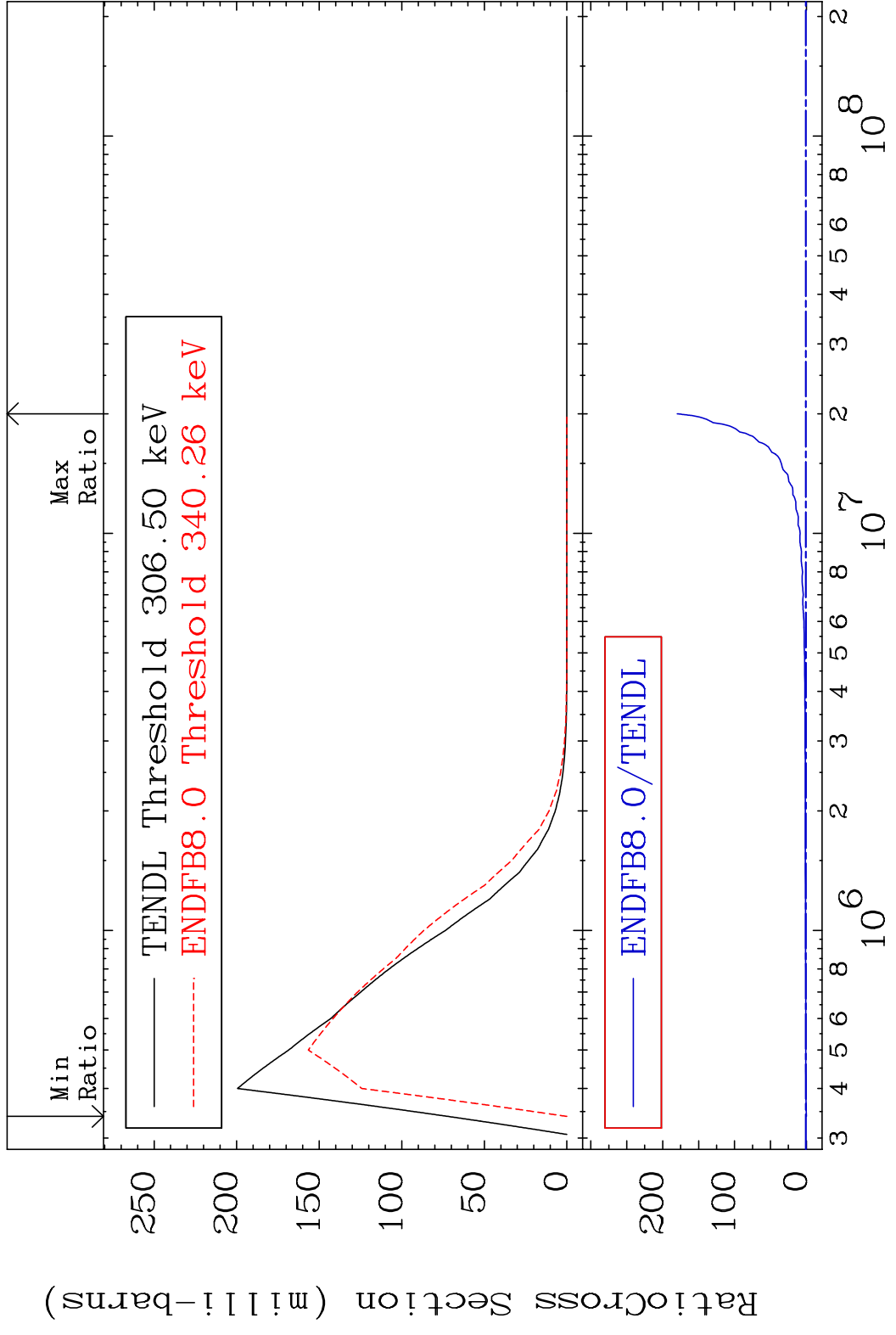
MAT 6522 MT= 63 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



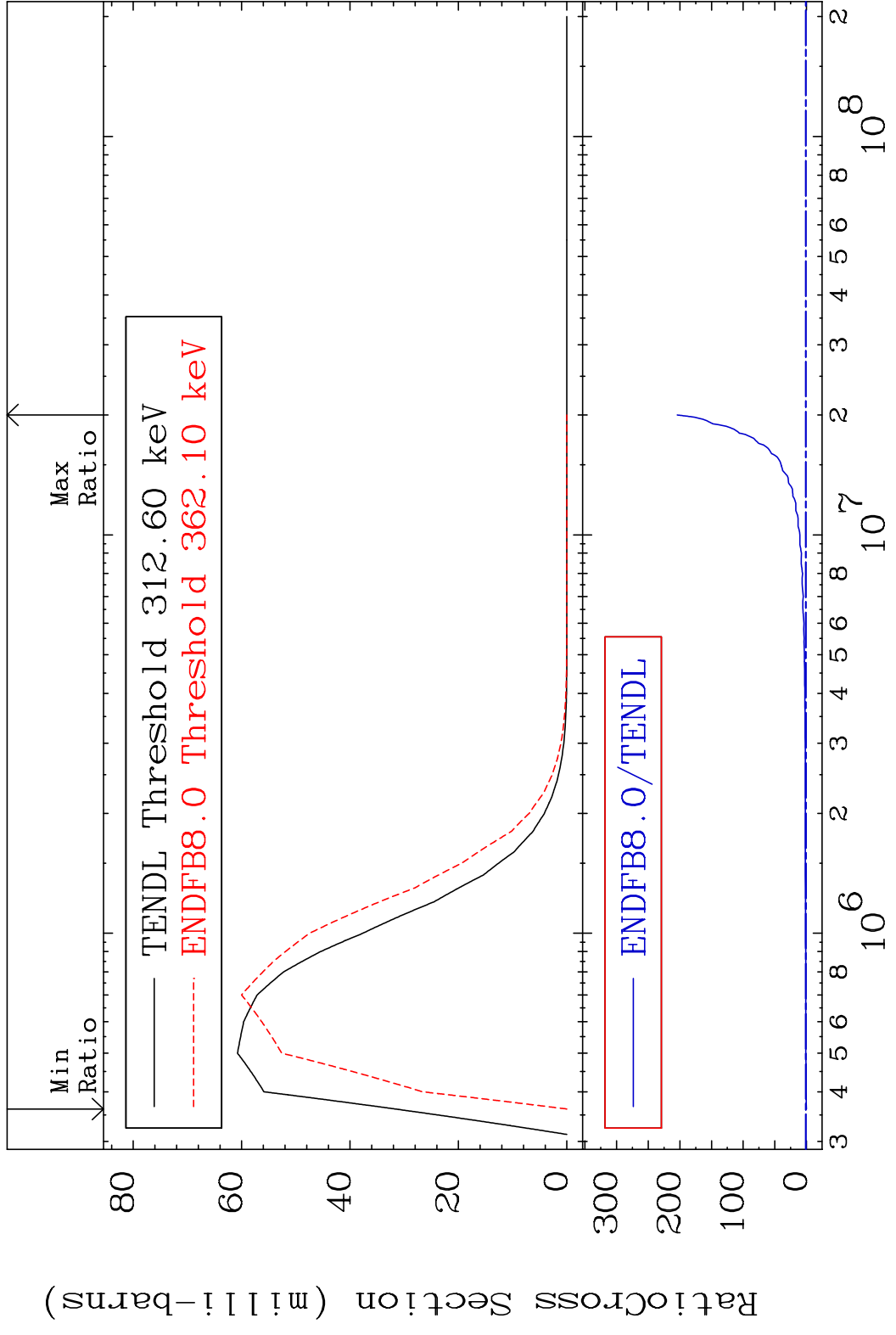
MAT 6522 MT= 64 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 68.68 %



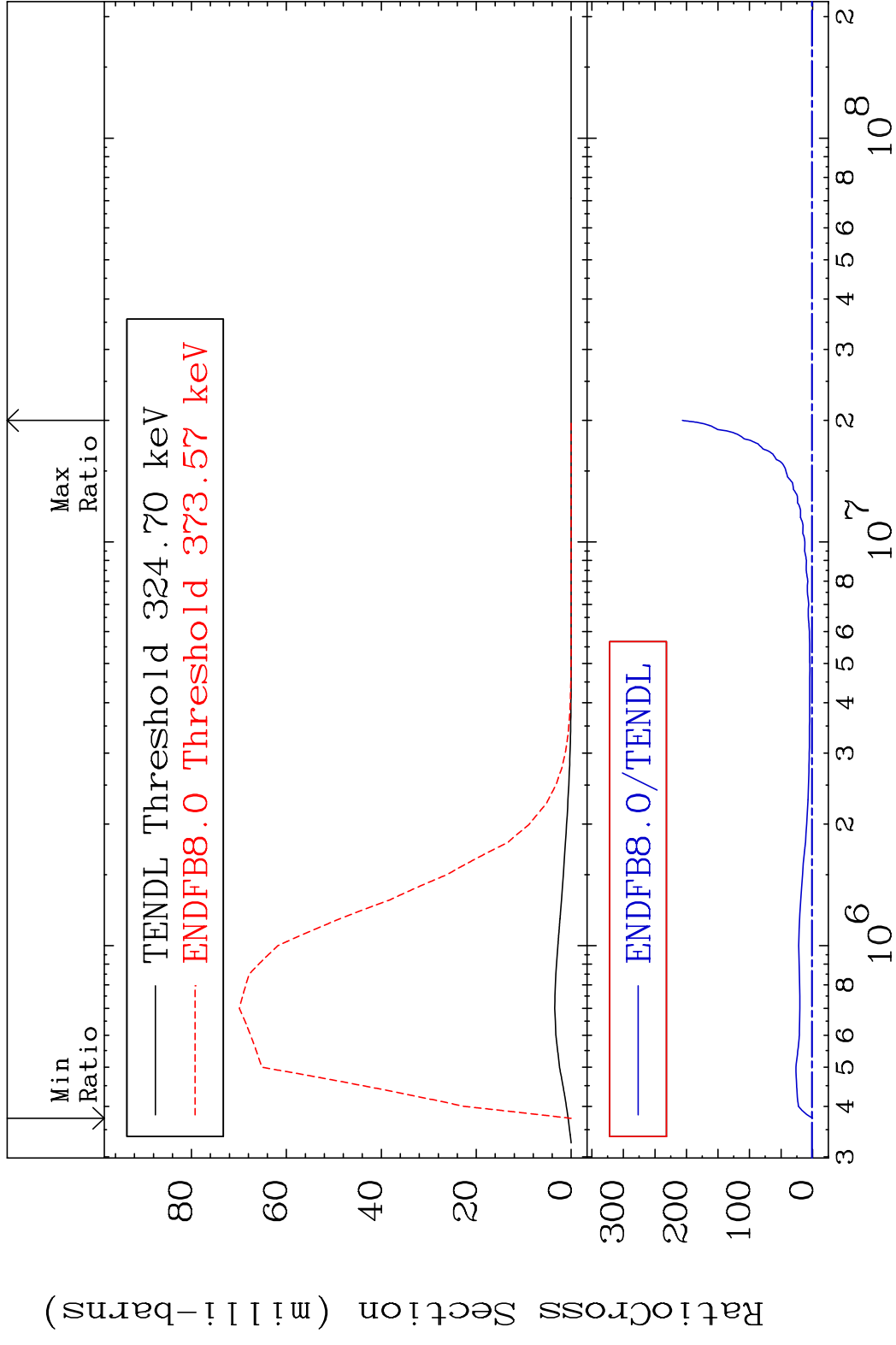
MAT 6522 MT= 65 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



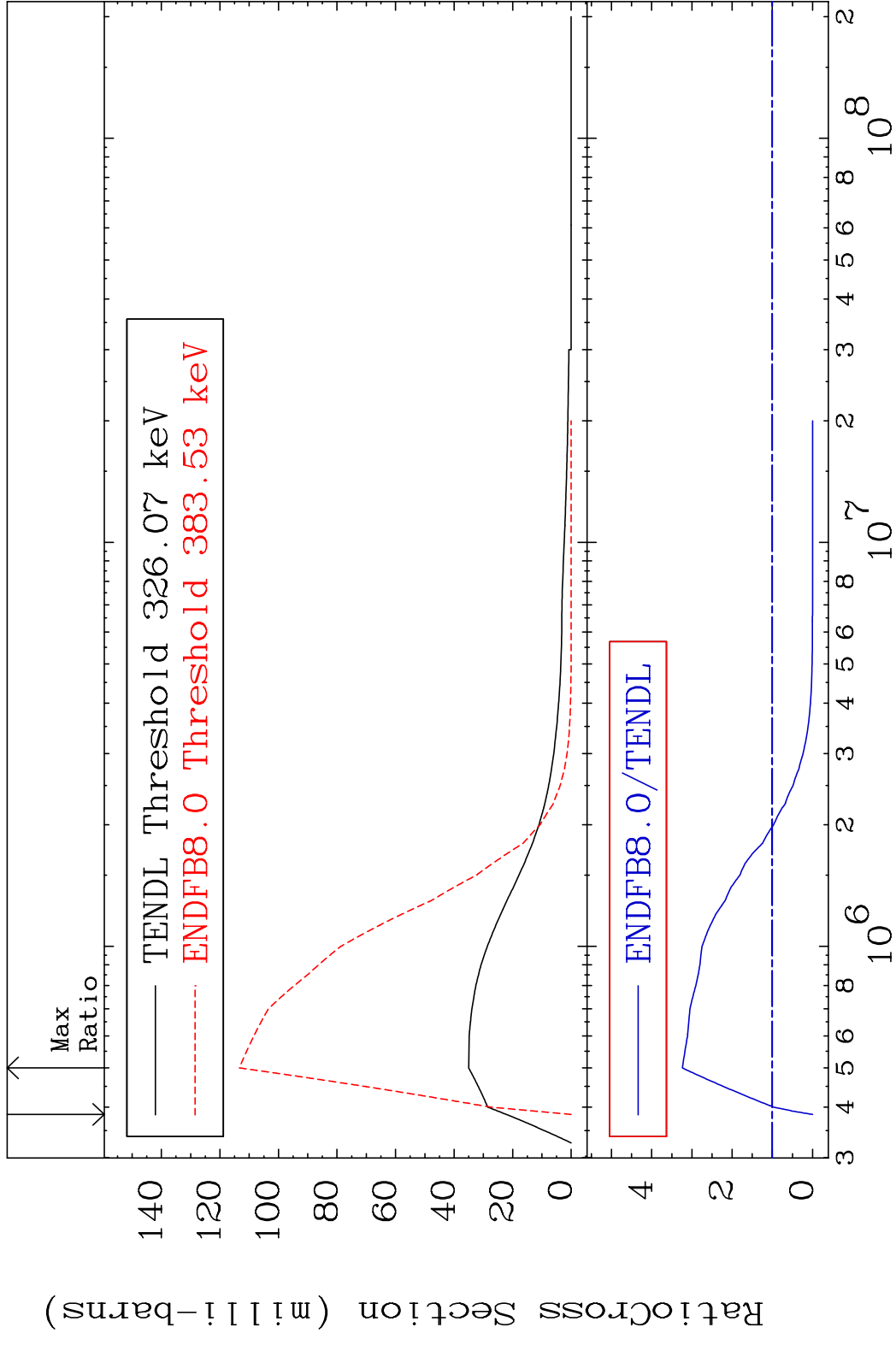
MAT 6522 MT= 66 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



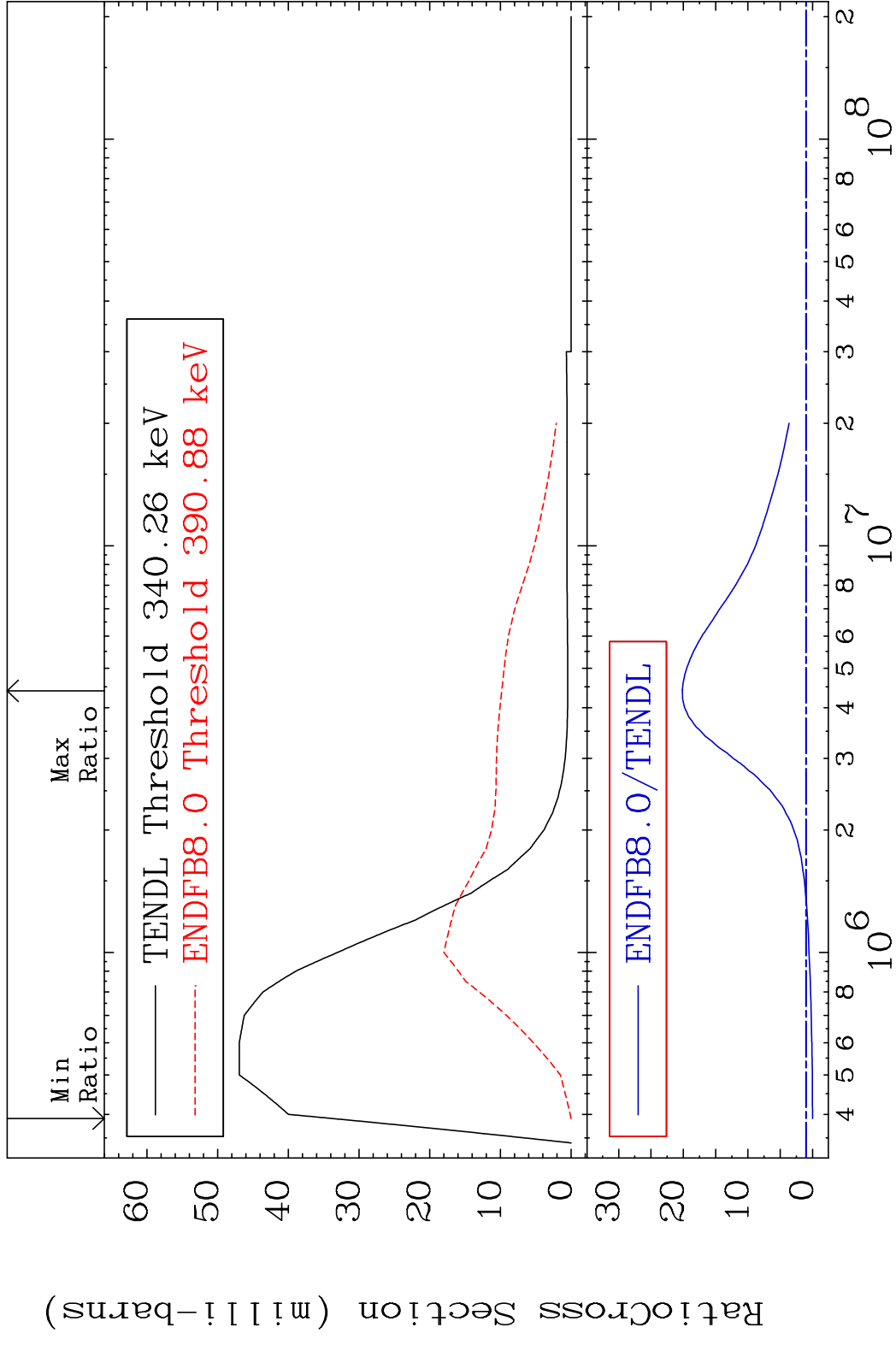
MAT 6522 MT= 67 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



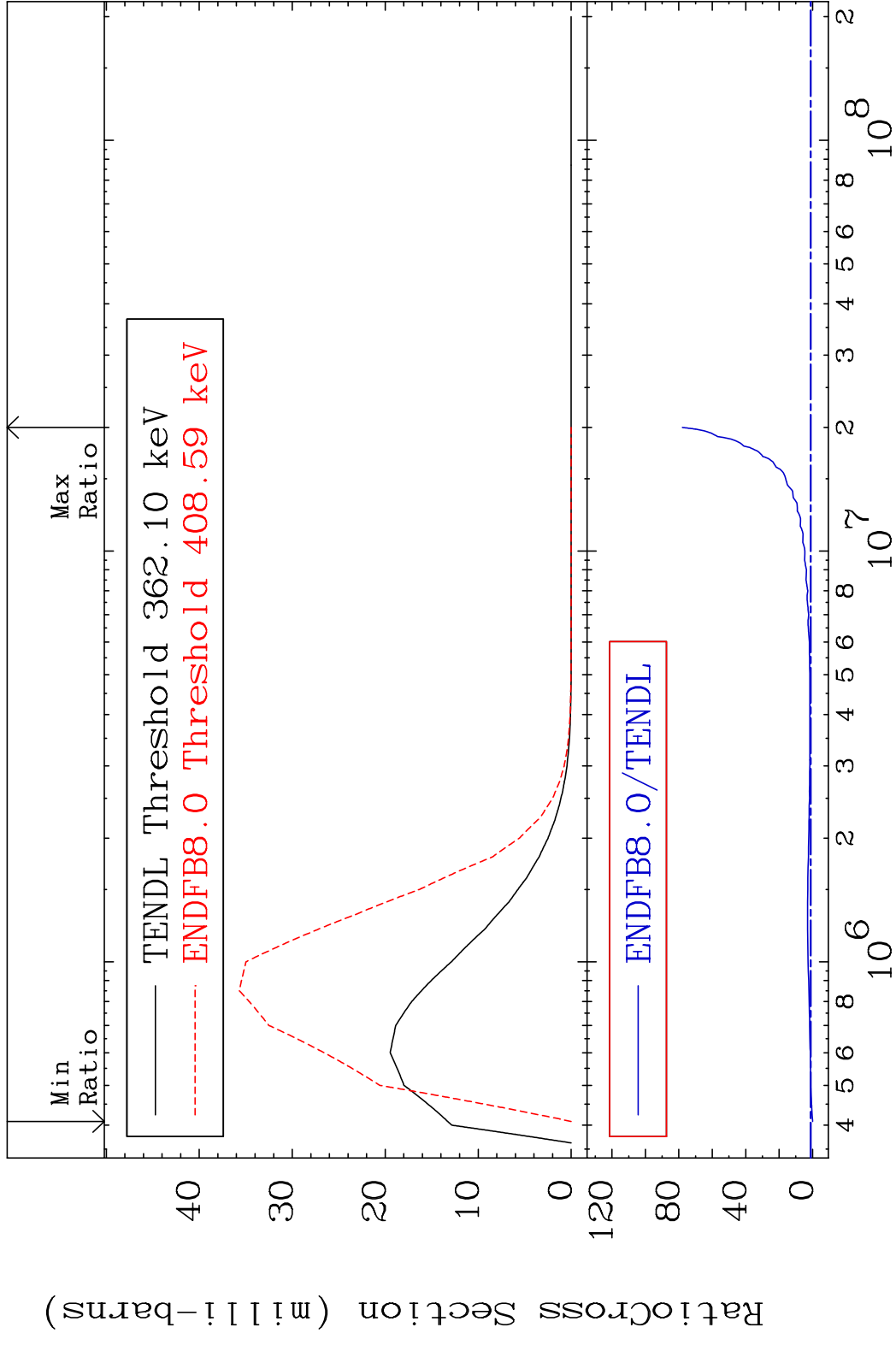
MAT 6522 MT= 68 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 223.8 %



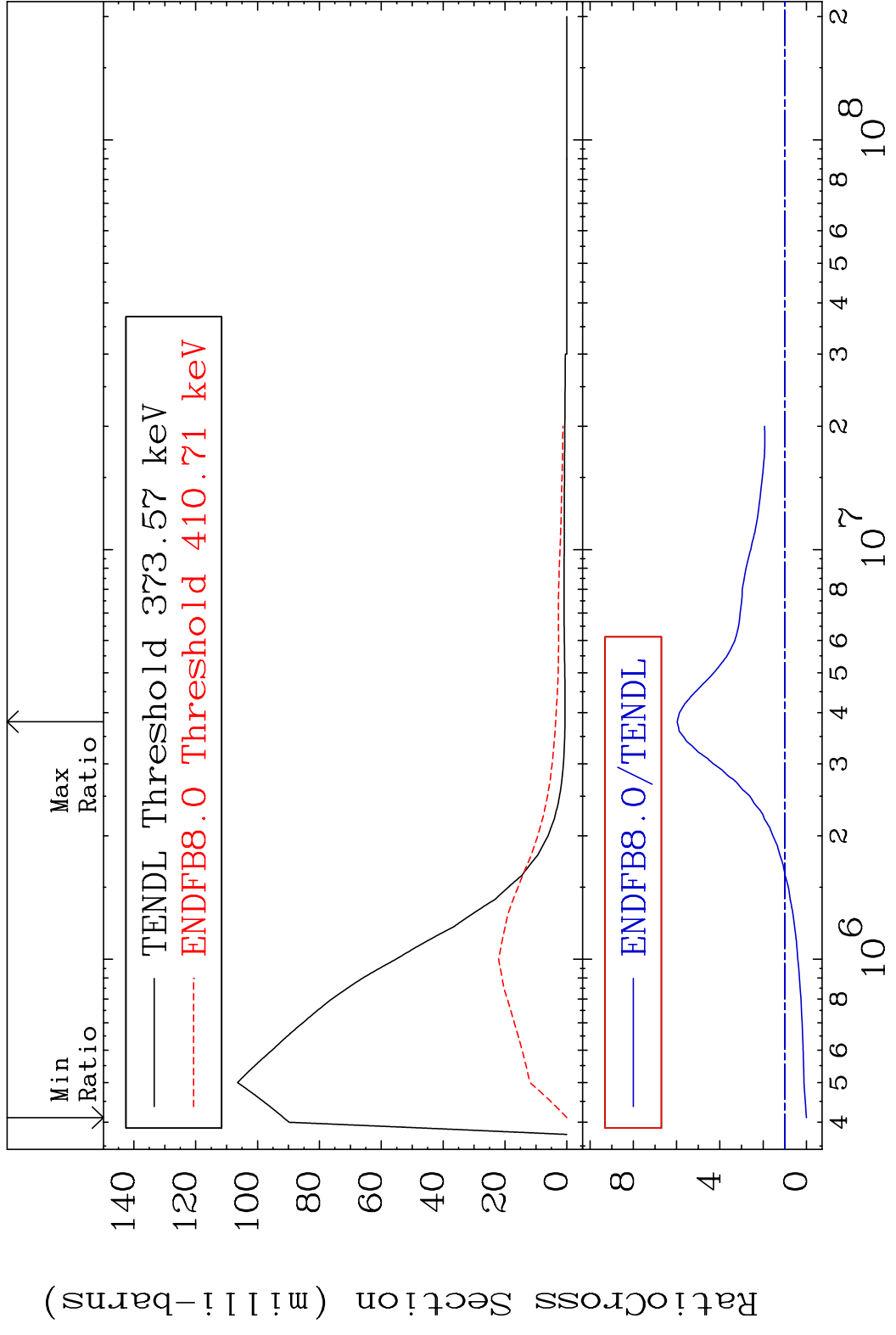
MAT 6522 MT= 69 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 1915. %



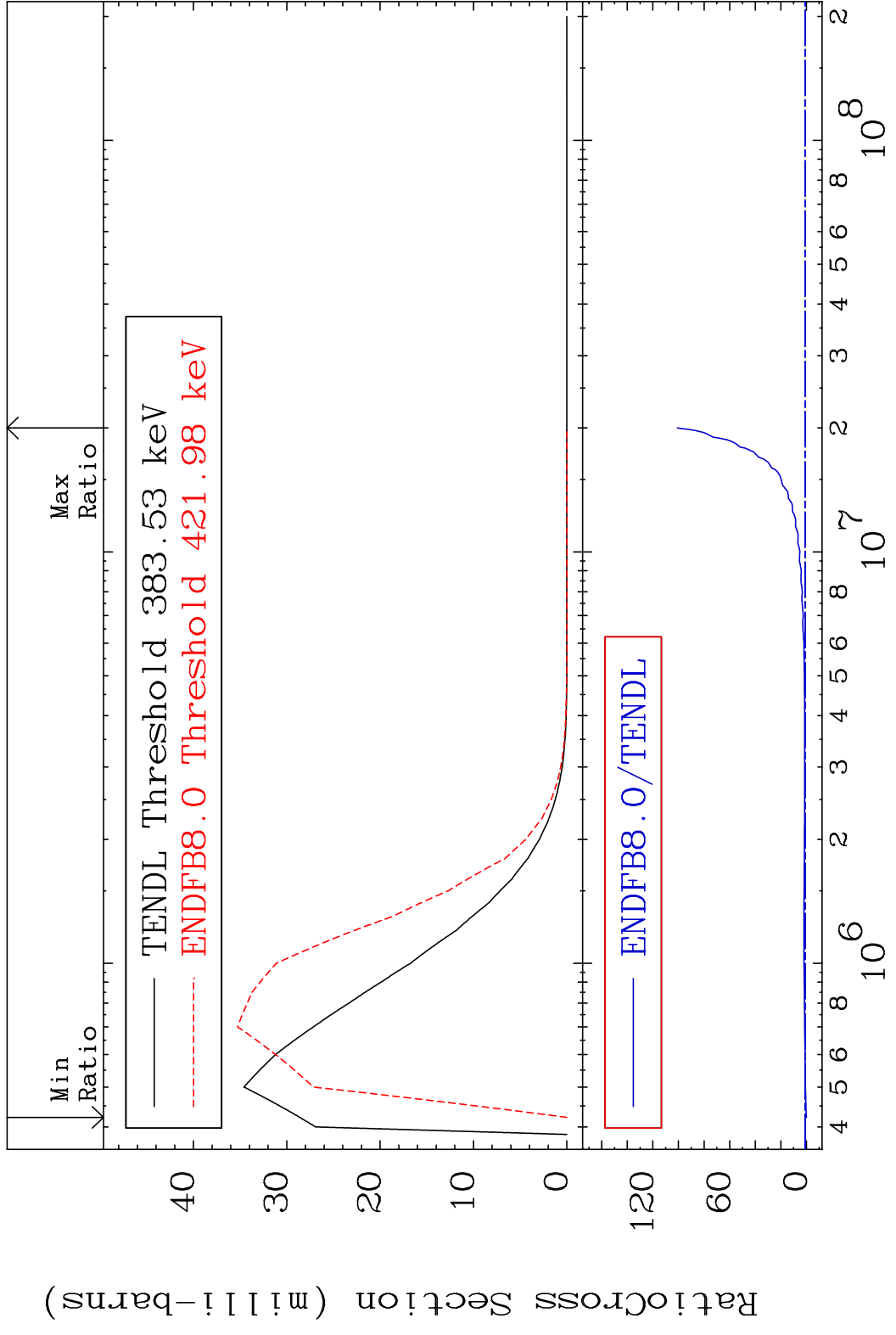
MAT 6522 MT= 70 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 7689. %



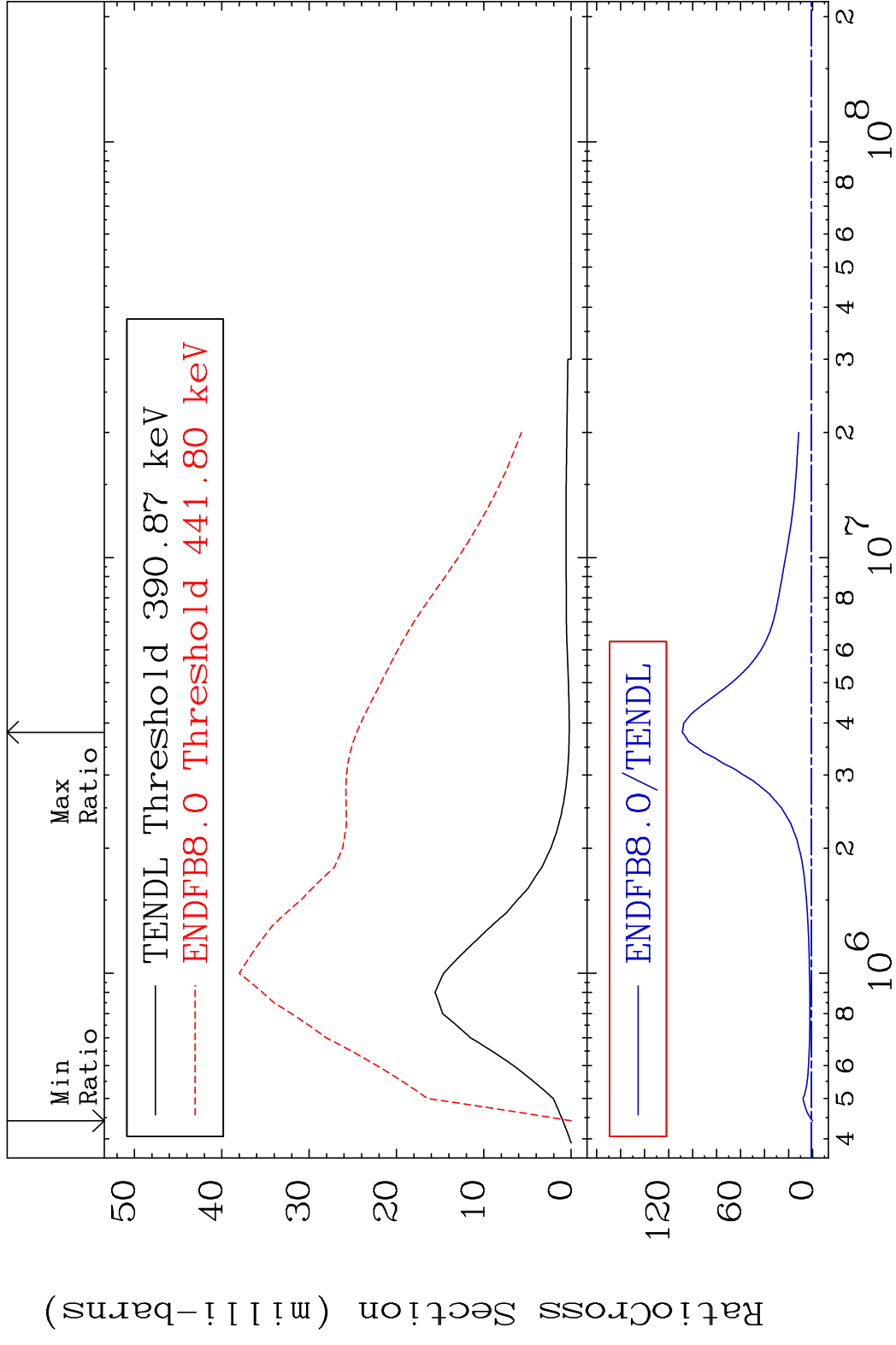
MAT 6522 MT= 71 (n,n') Level 65-Tb-158
 Cross Section -100.0 To 497.4 %



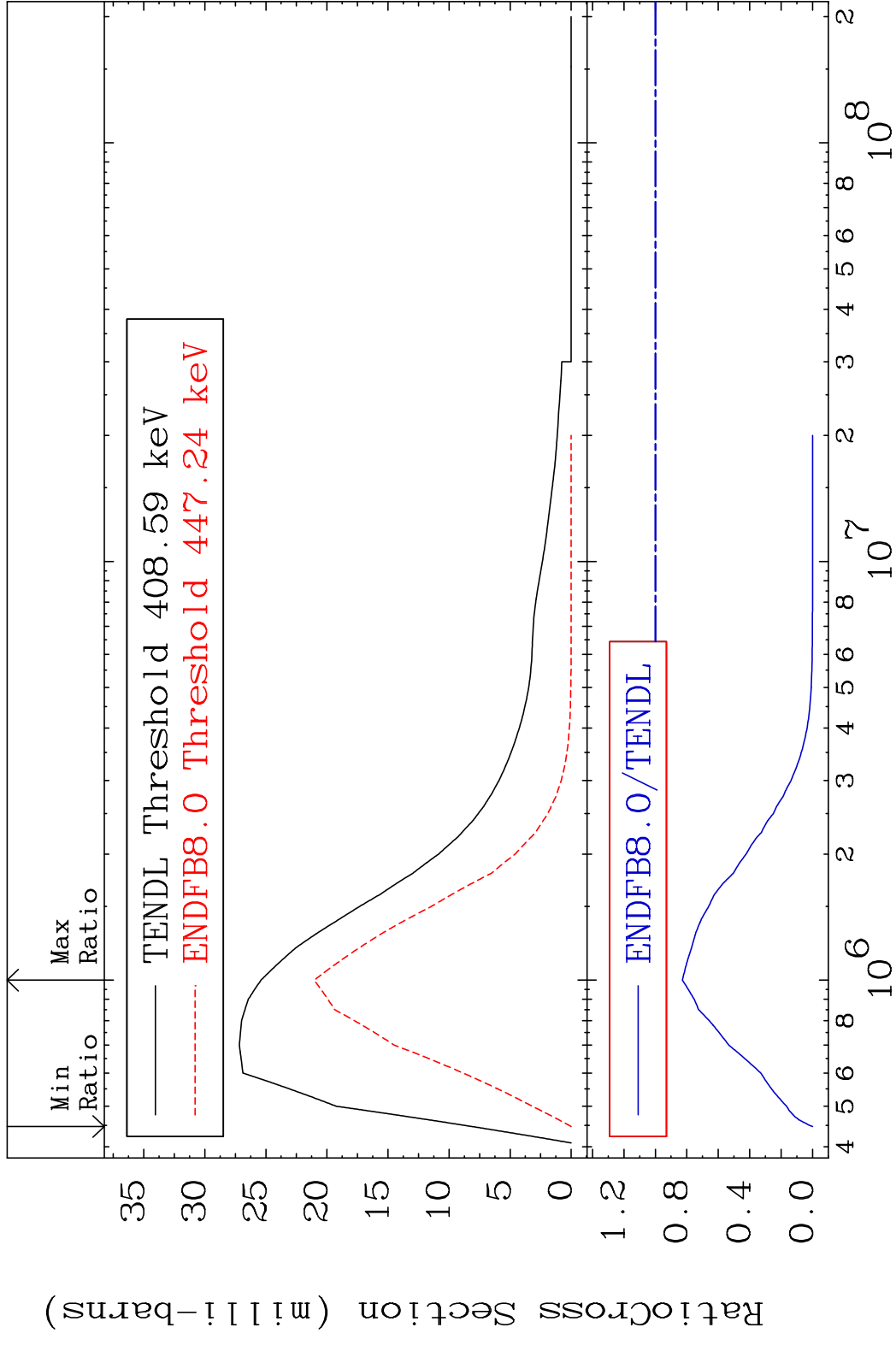
MAT 6522 MT= 72 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



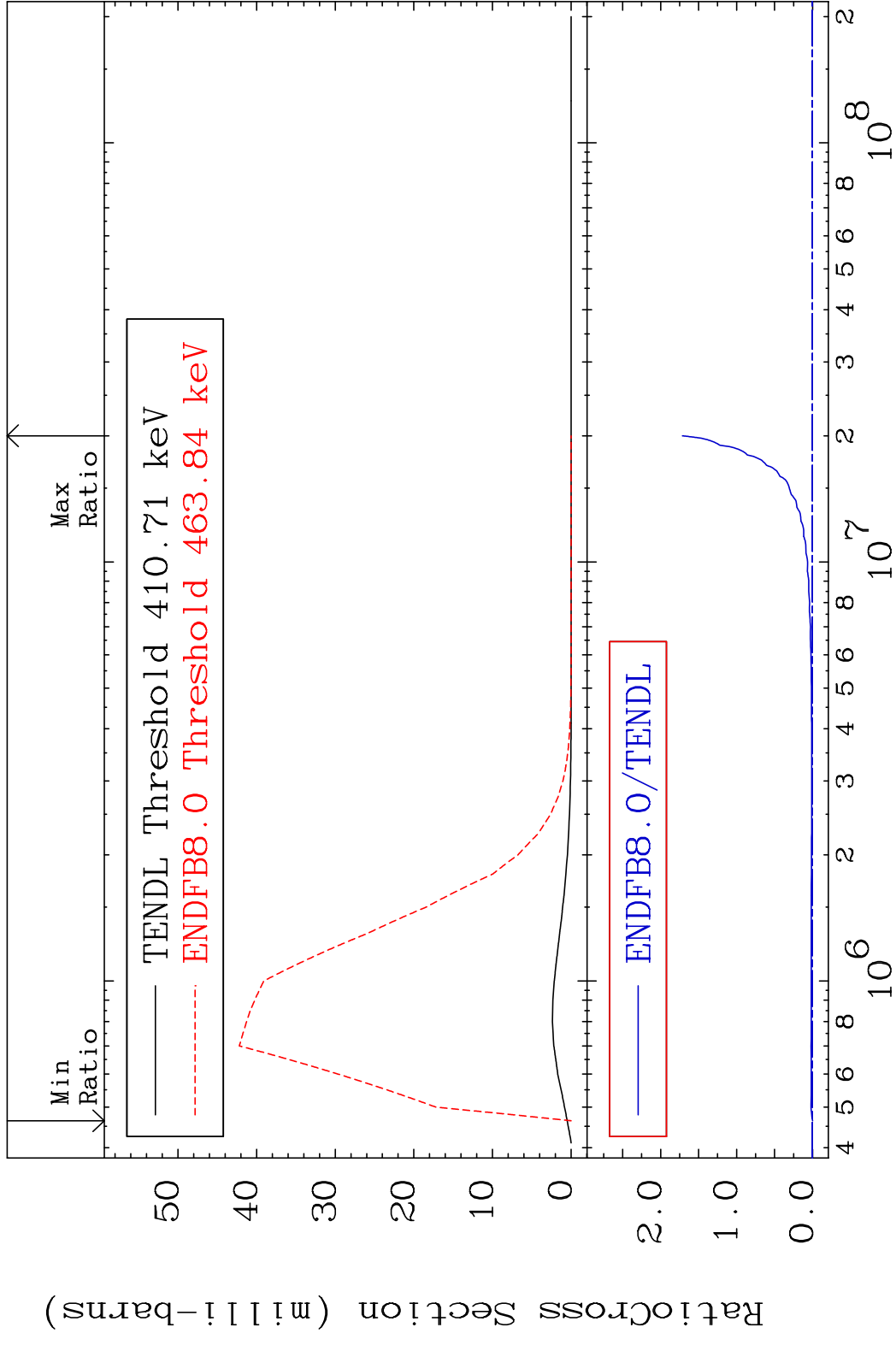
MAT 6522 MT= 73 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



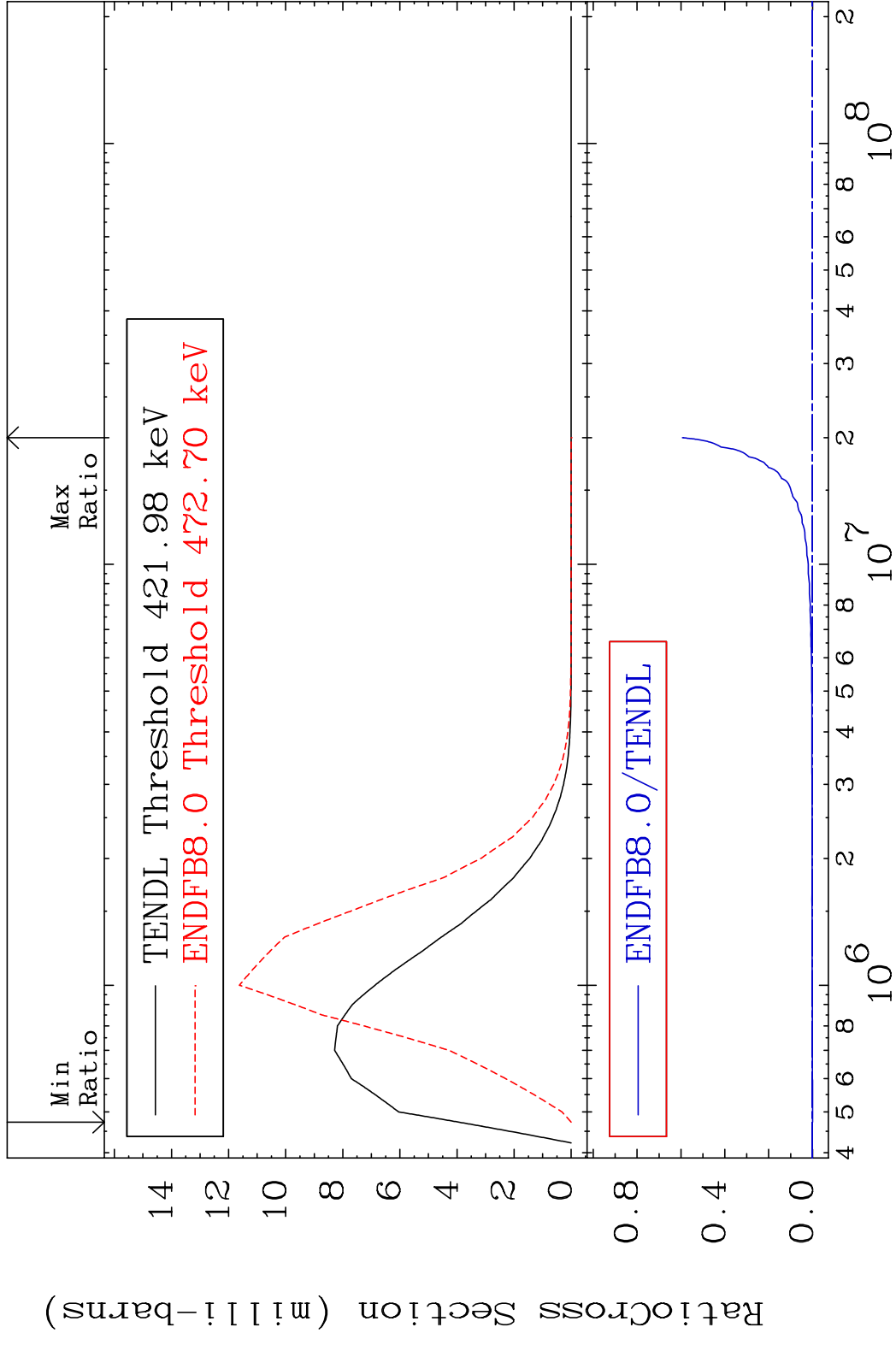
MAT 6522 MT= 74 (n,n') Level 65-Tb-158
 Cross Section -100.0 To -17.16%



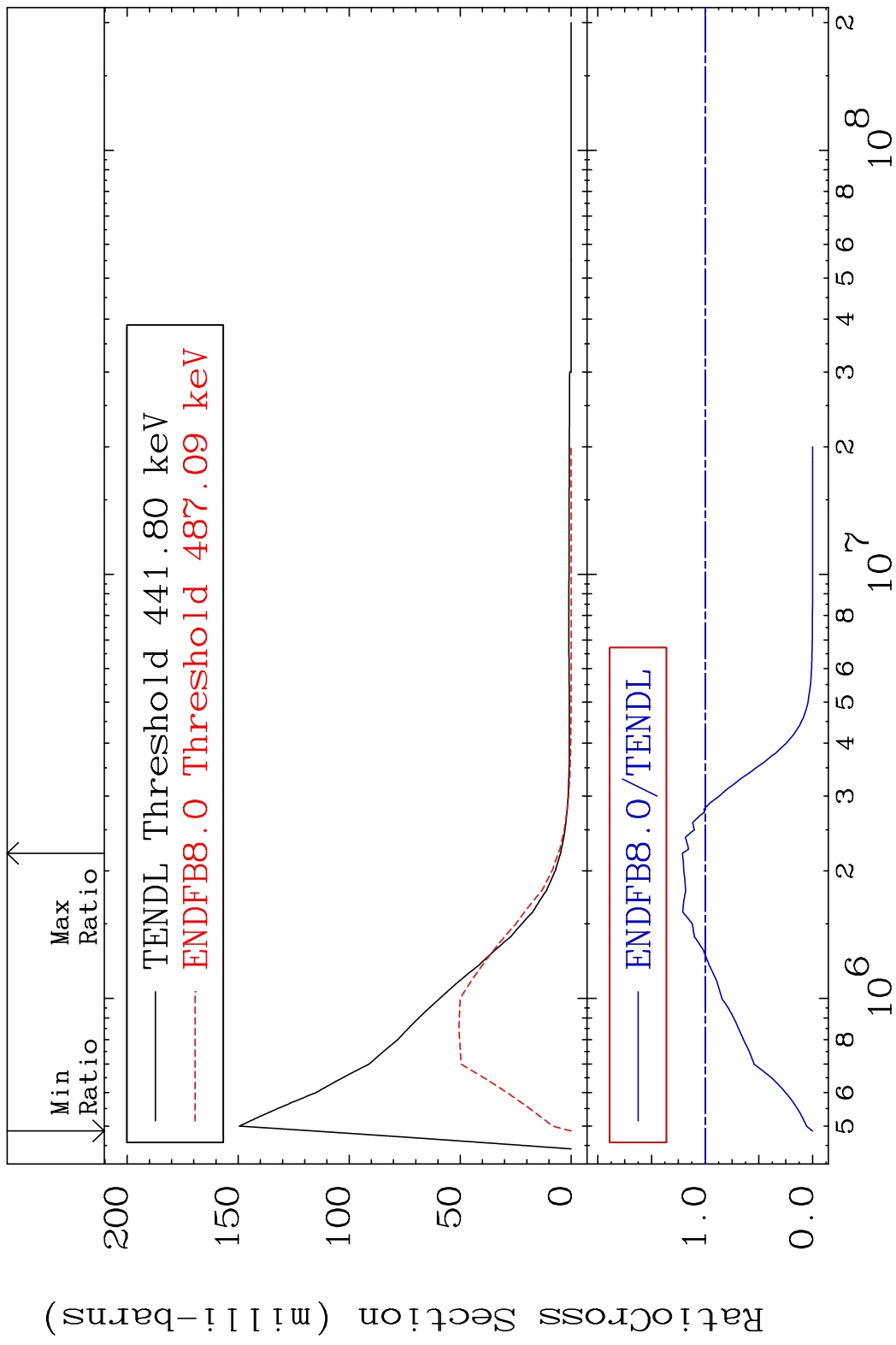
MAT 6522 MT= 75 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



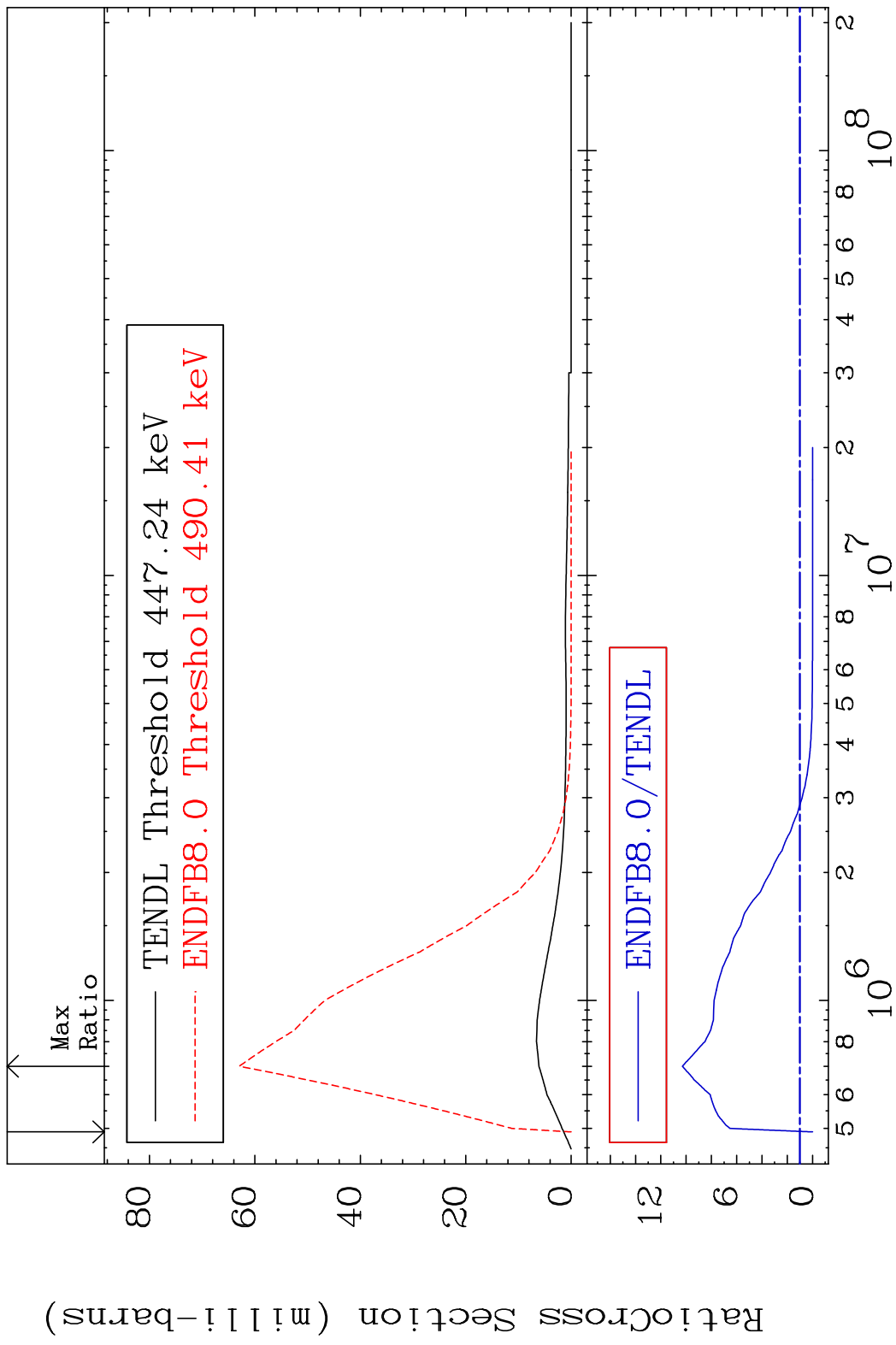
MAT 6522 MT= 76 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



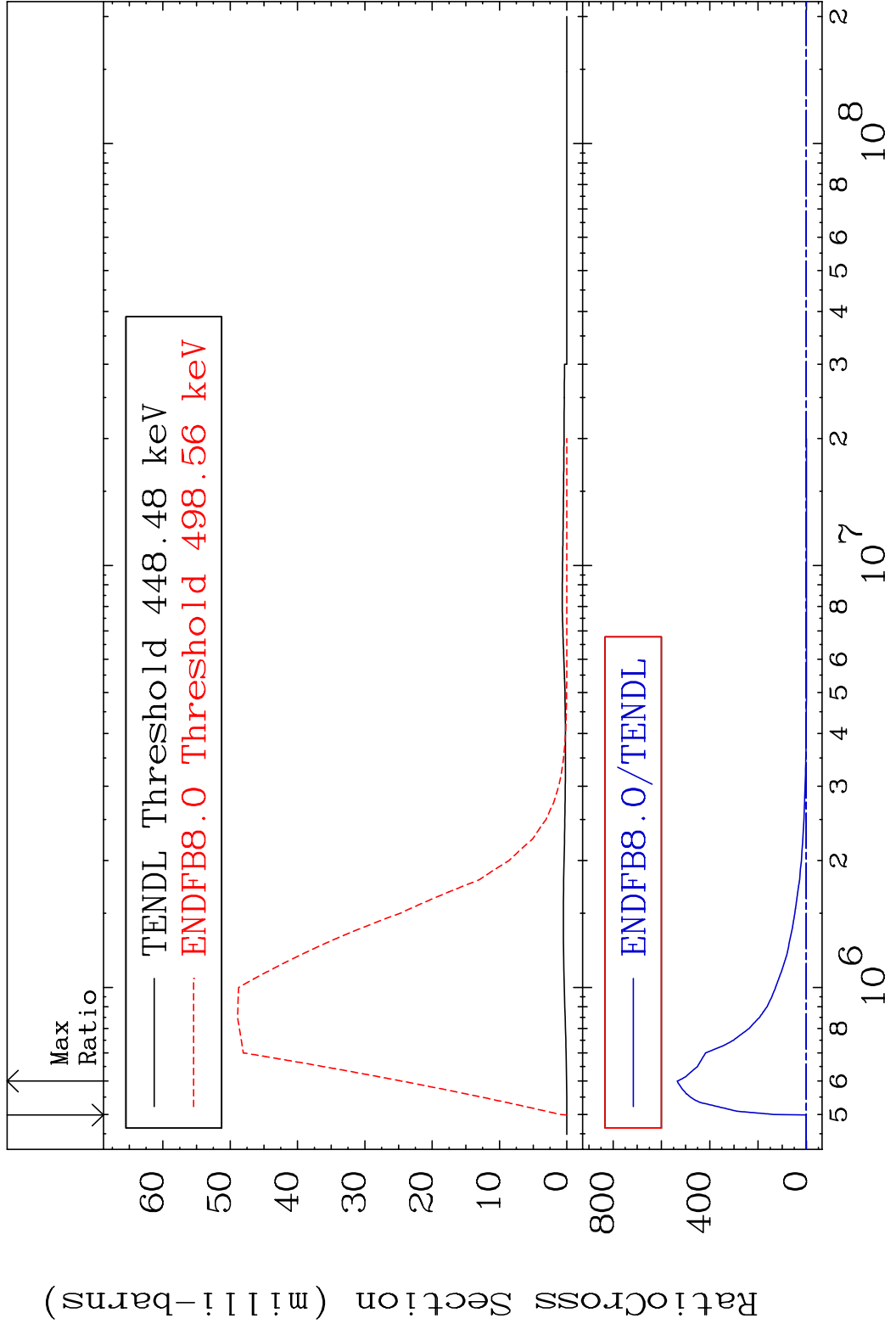
MAT 6522 MT= 77 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 21.27 %



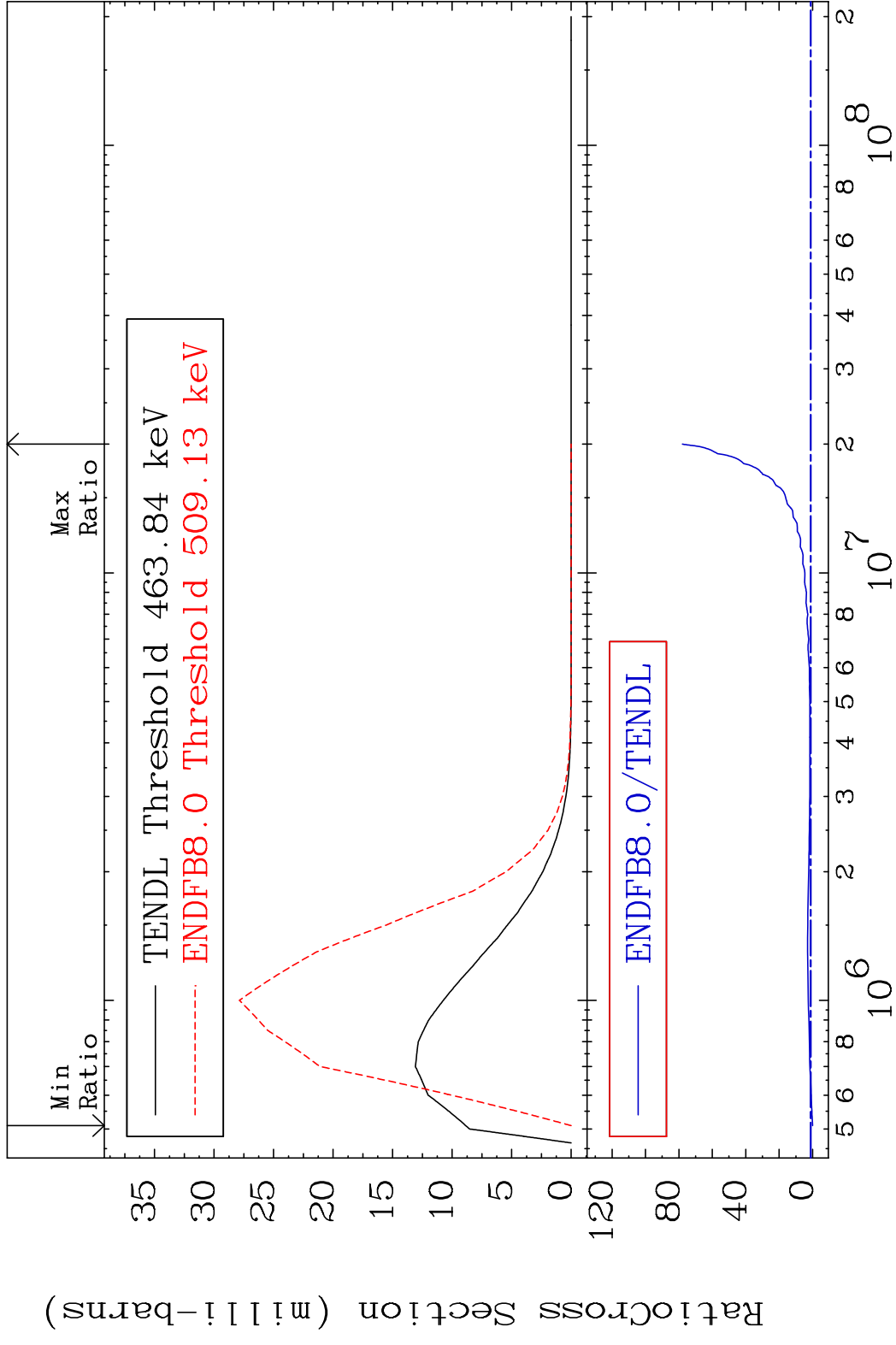
MAT 6522 MT= 78 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 929.7 %



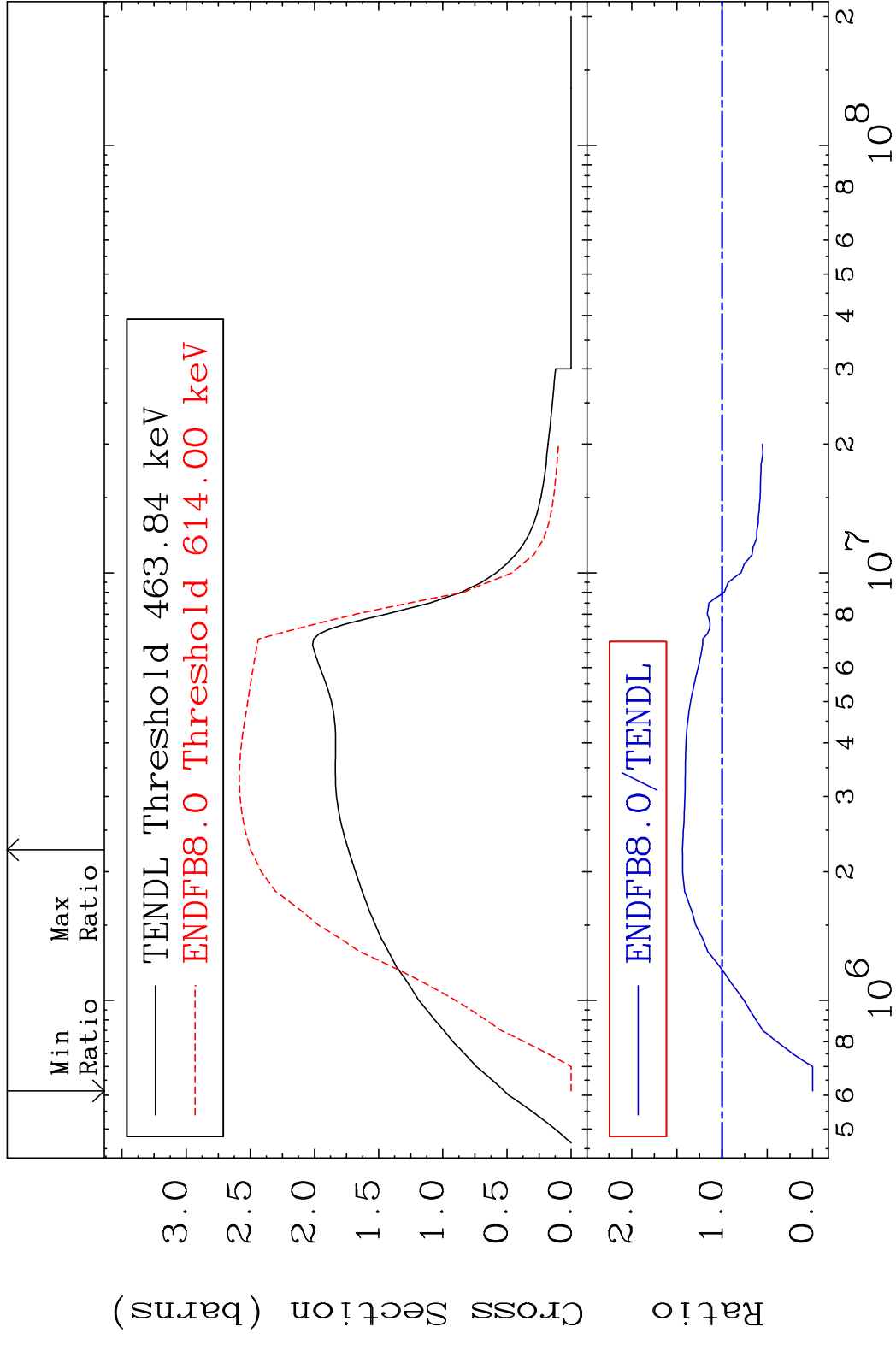
MAT 6522 MT= 79 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 9999. %



MAT 6522 MT= 80 (n, n') Level 65-Tb-158
 Cross Section -100.0 To 7693. %



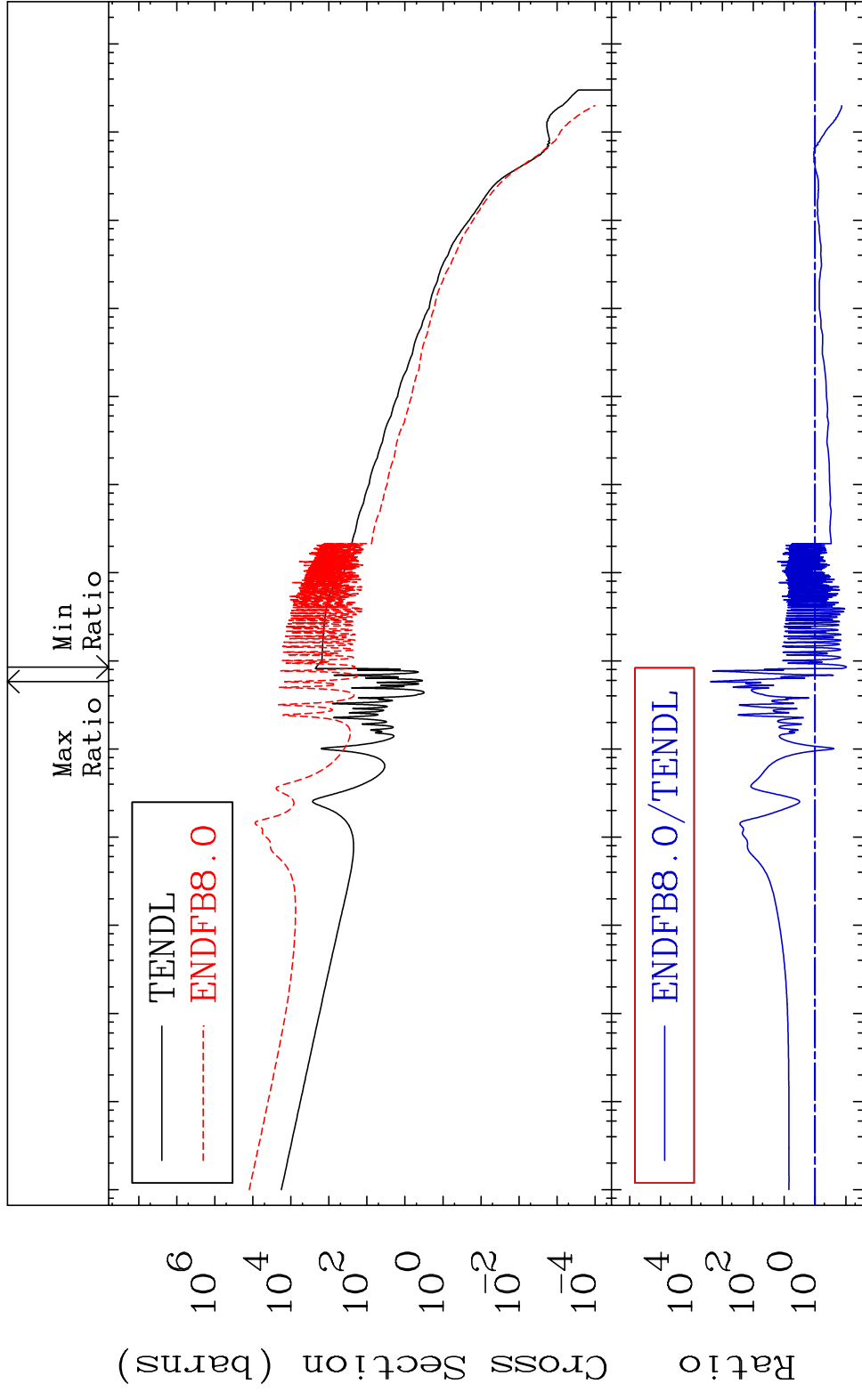
MAT 6522 (n,n') Continuum 65-Tb-158
 Cross Section -100.0 To 43.95 %



MAT 6522

(n, γ)
Cross Section -90.27 To 9999. %

65-Tb-158

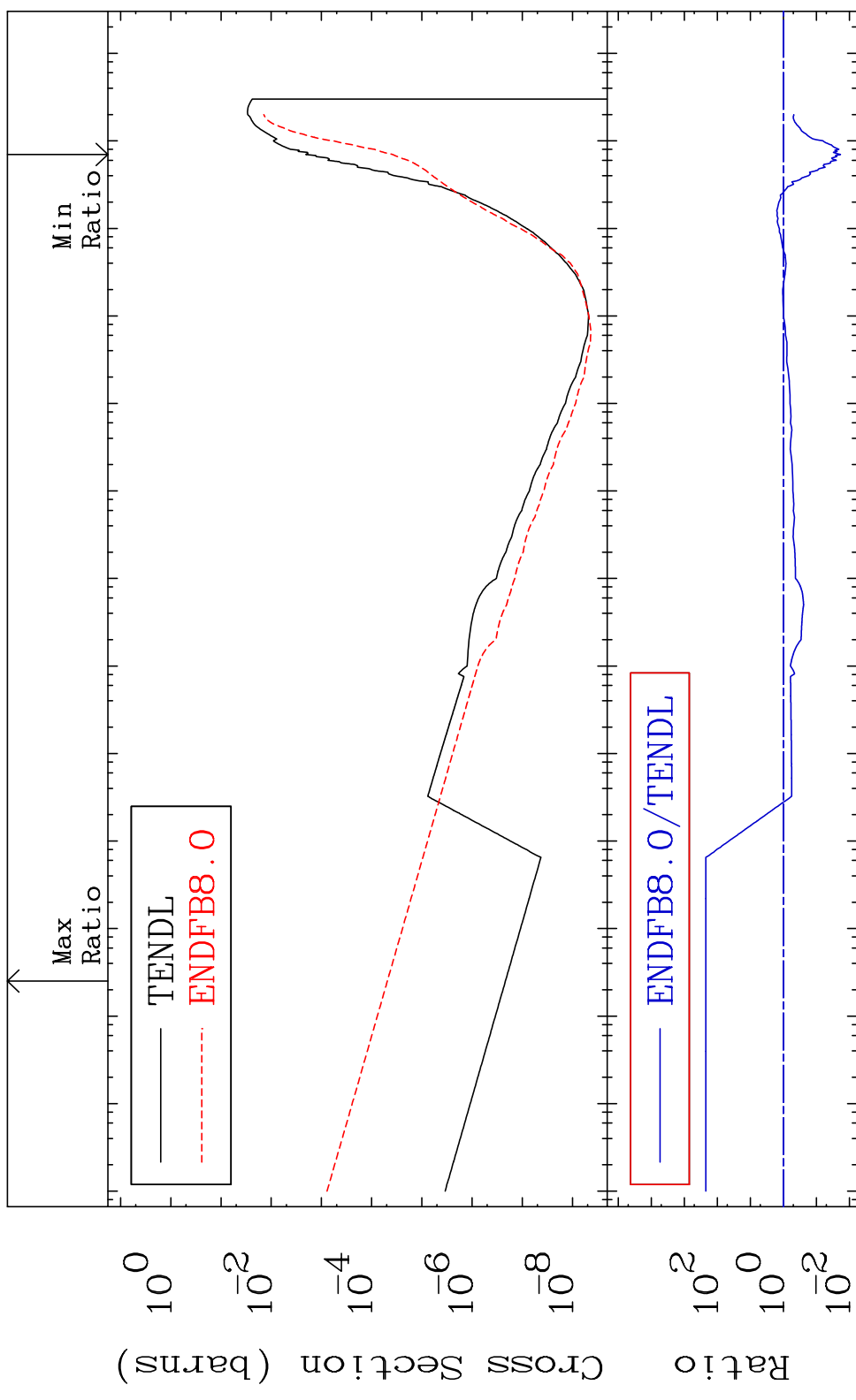


MAT 6522

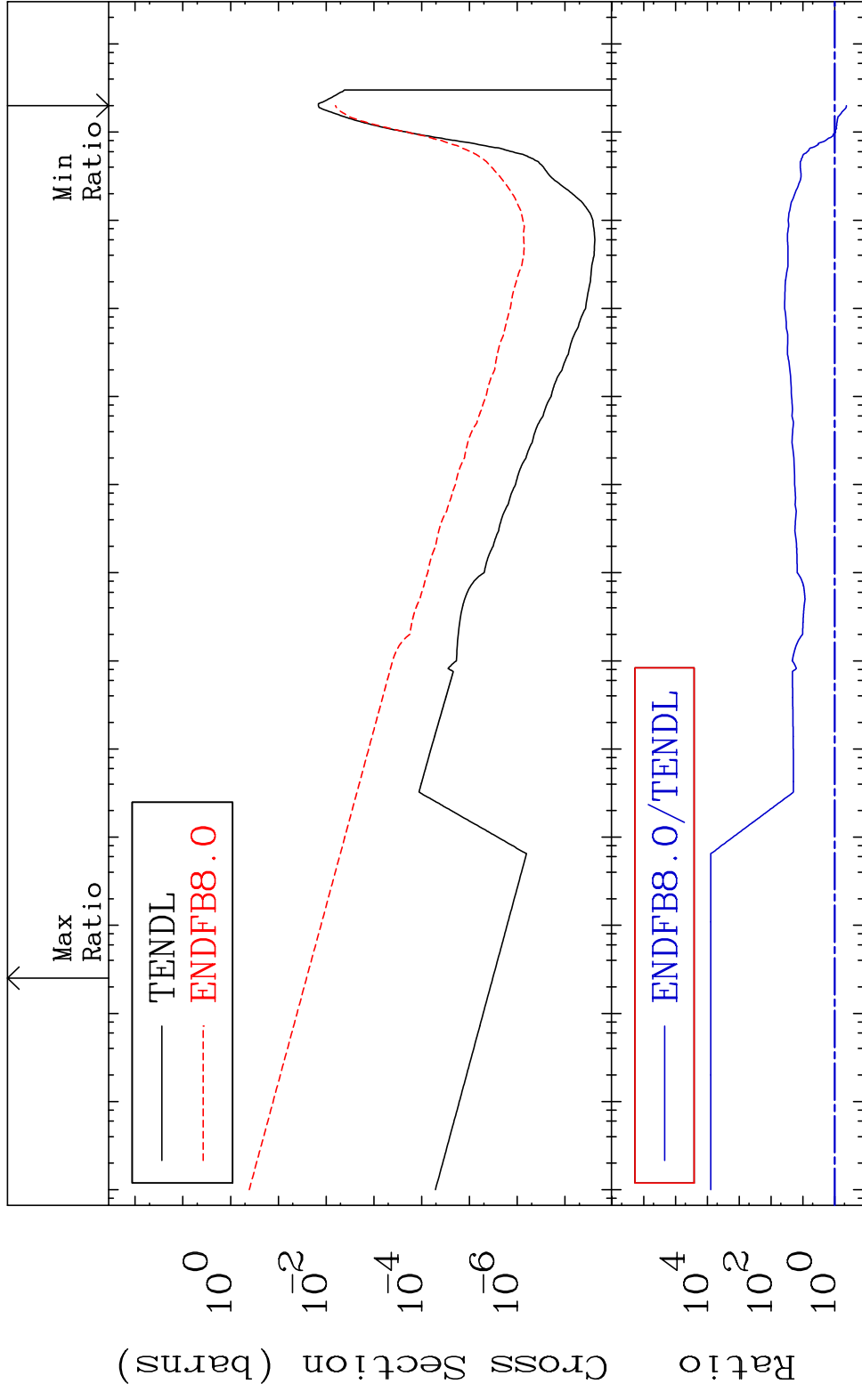
(n, p)

65-Tb-158

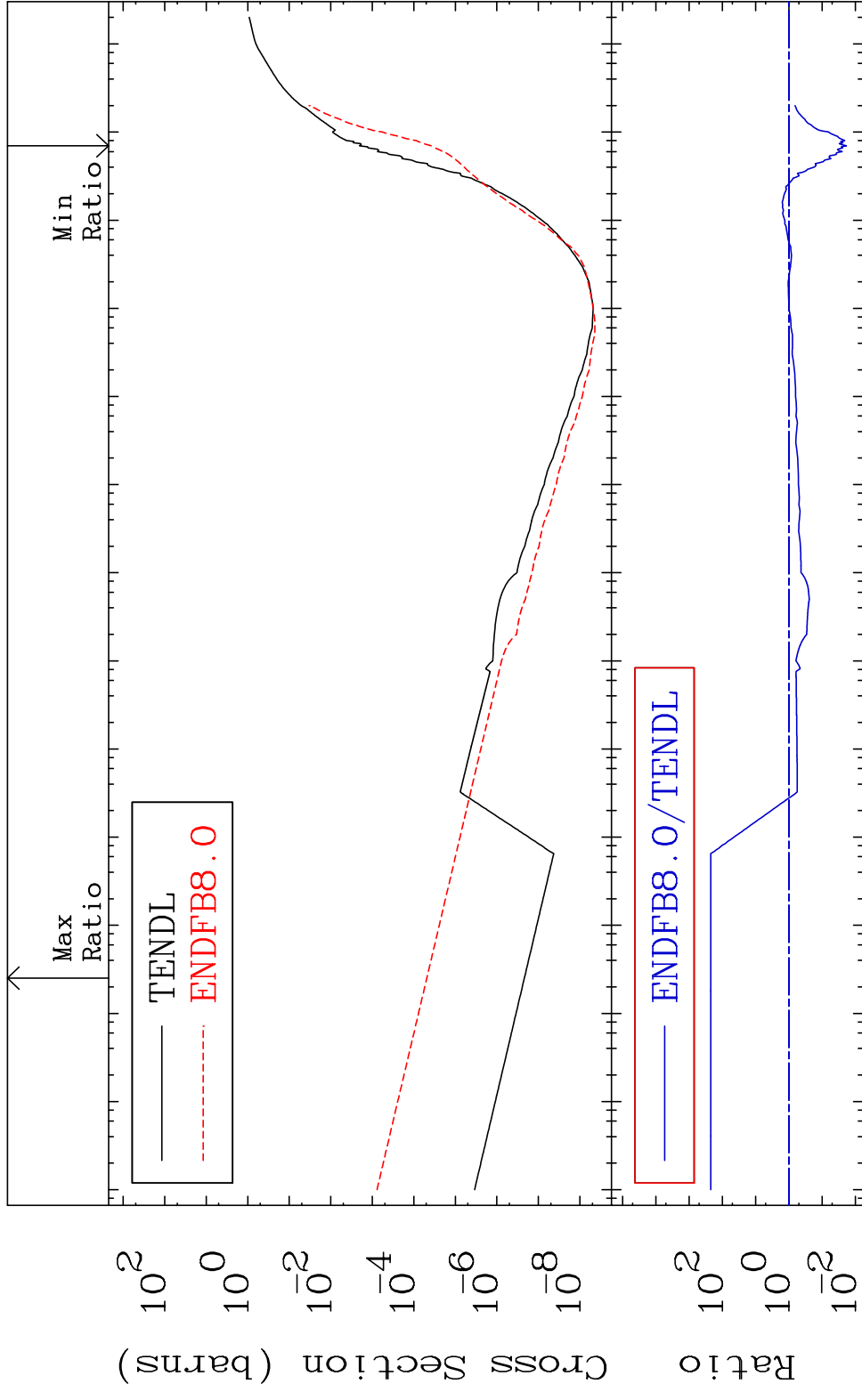
Cross Section -98.12 To 9999. %



MAT 6522 (n, α) 65-Tb-158
 Cross Section -56.58 To 9999. %



MAT 6522 Hydrogen Production 65-Tb-158
 Cross Section -98.12 To 9999. %

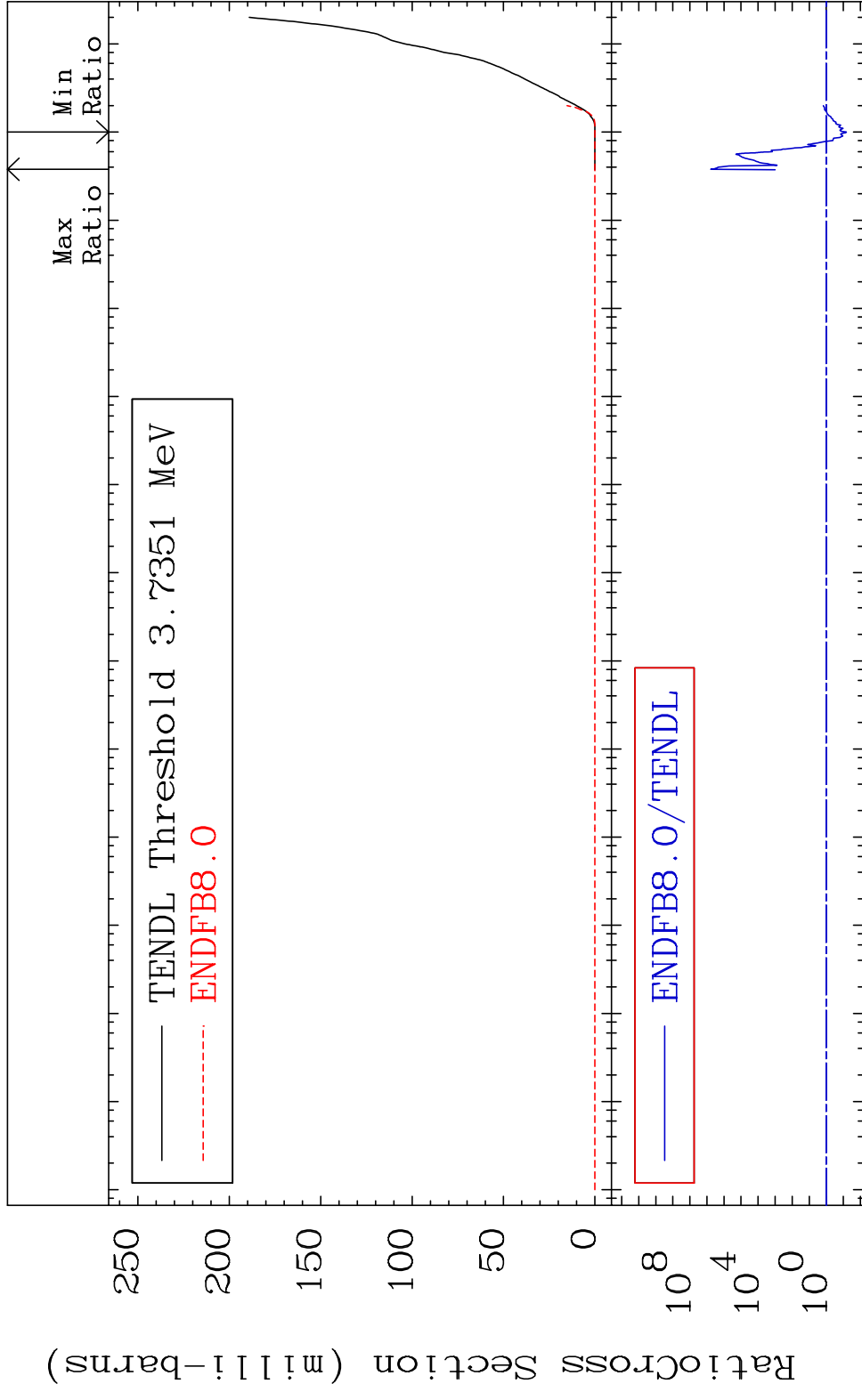


MAT 6522

Deuterium Production

65-Tb-158

Cross Section -93.32 To 9999. %



40

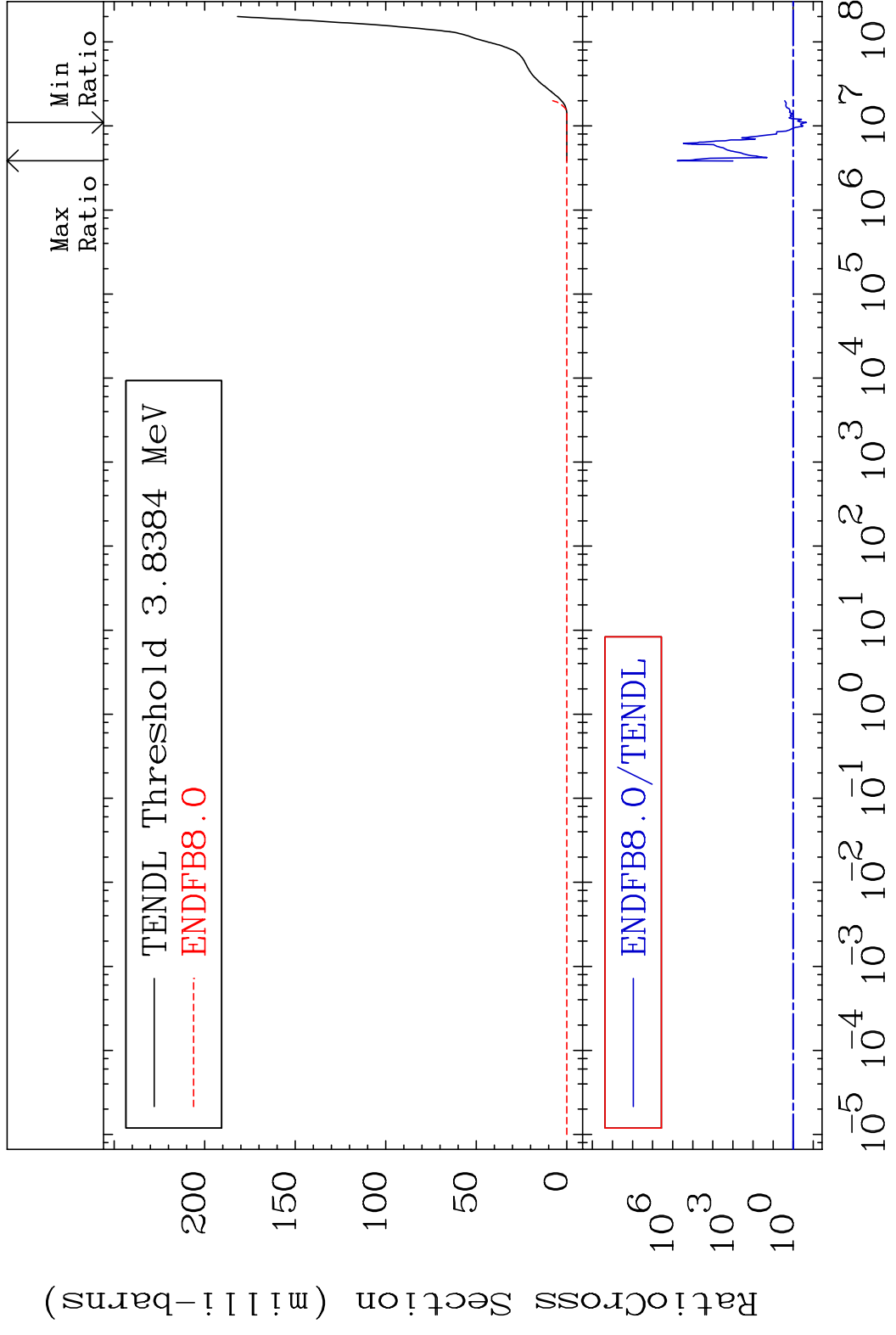
Incident Energy (eV)

65-Tb-158

MAT 6522

Tritium Production
Cross Section -78.13 To 9999. %

65-Tb-158



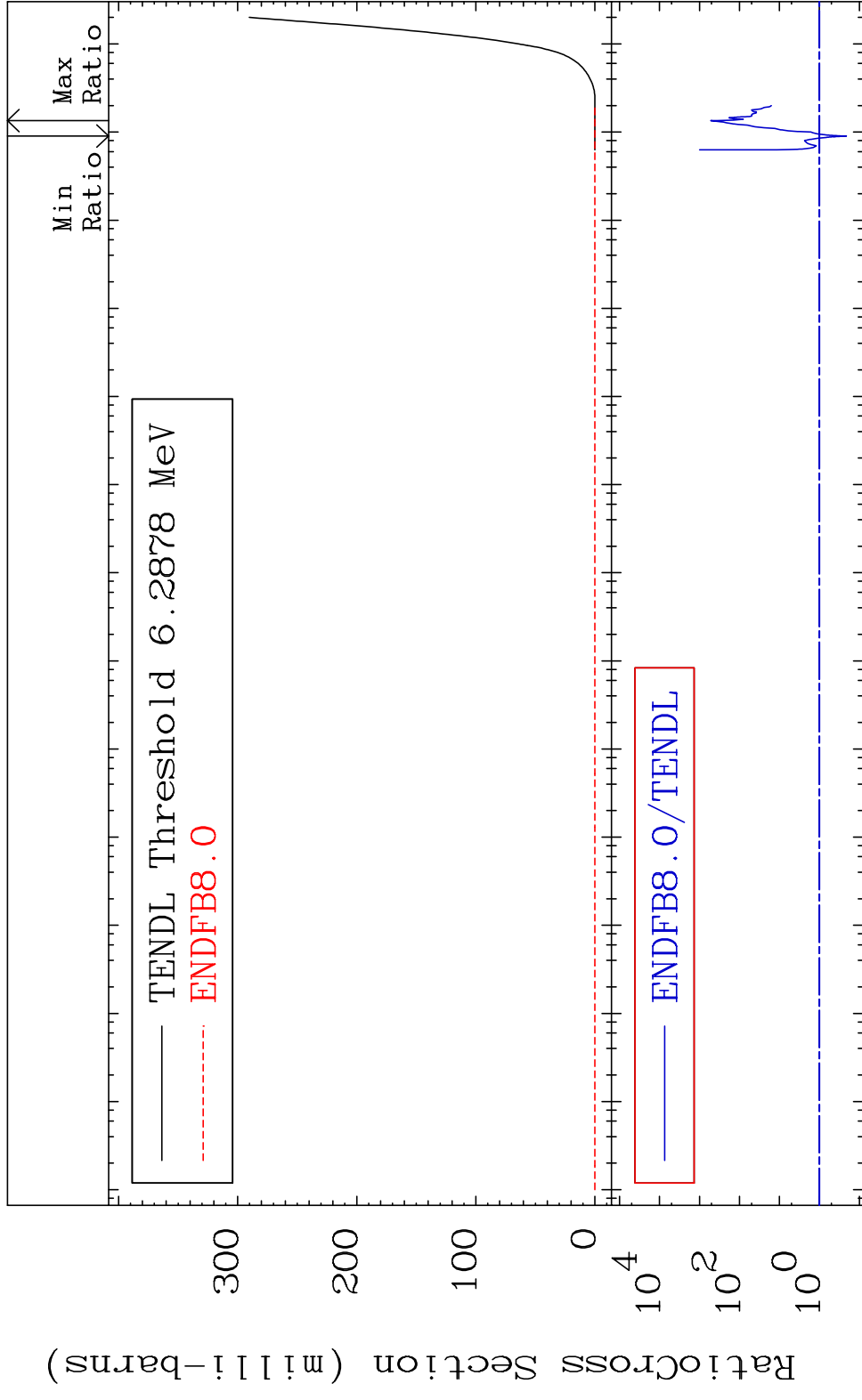
MAT 6522

He-3 Production

65-Tb-158

Cross Section

-78.77 To 9999. %

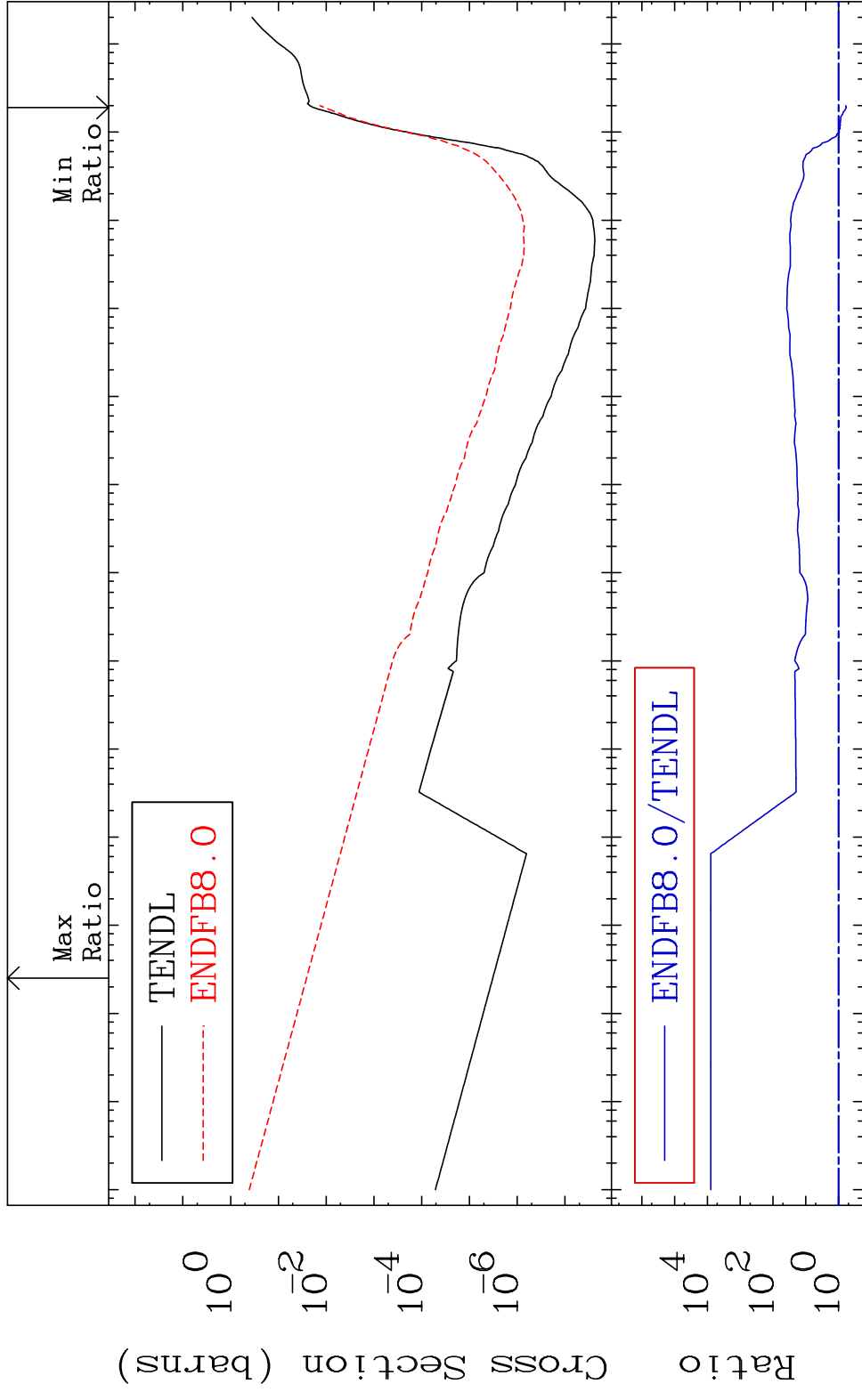


MAT 6522

He-4 Production

65-Tb-158

Cross Section -42.13 To 9999. %



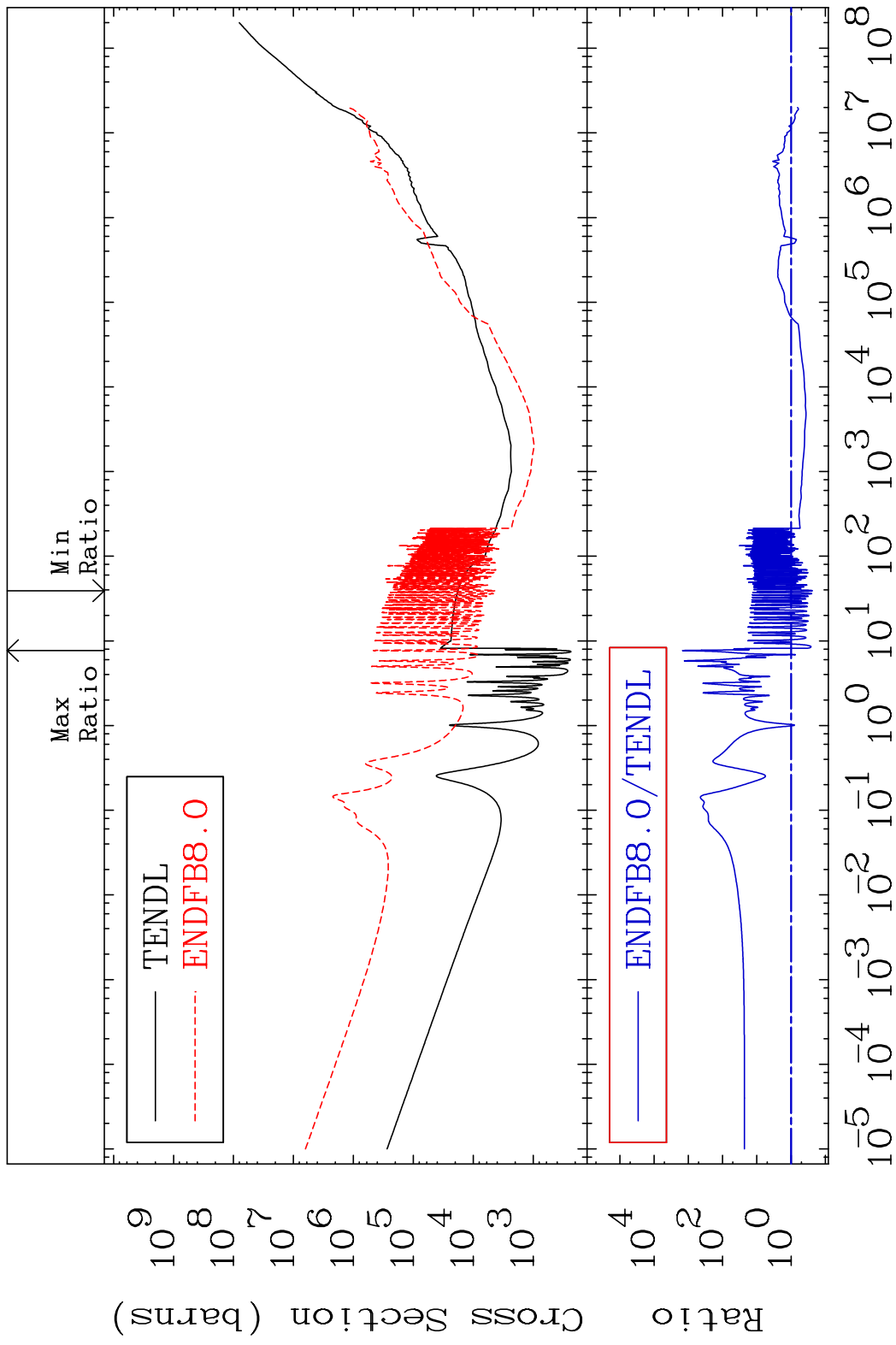
10^0 10^{-2} 10^{-4} 10^{-6} 10^4 10^2 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

43

Incident Energy (eV)

65-Tb-158

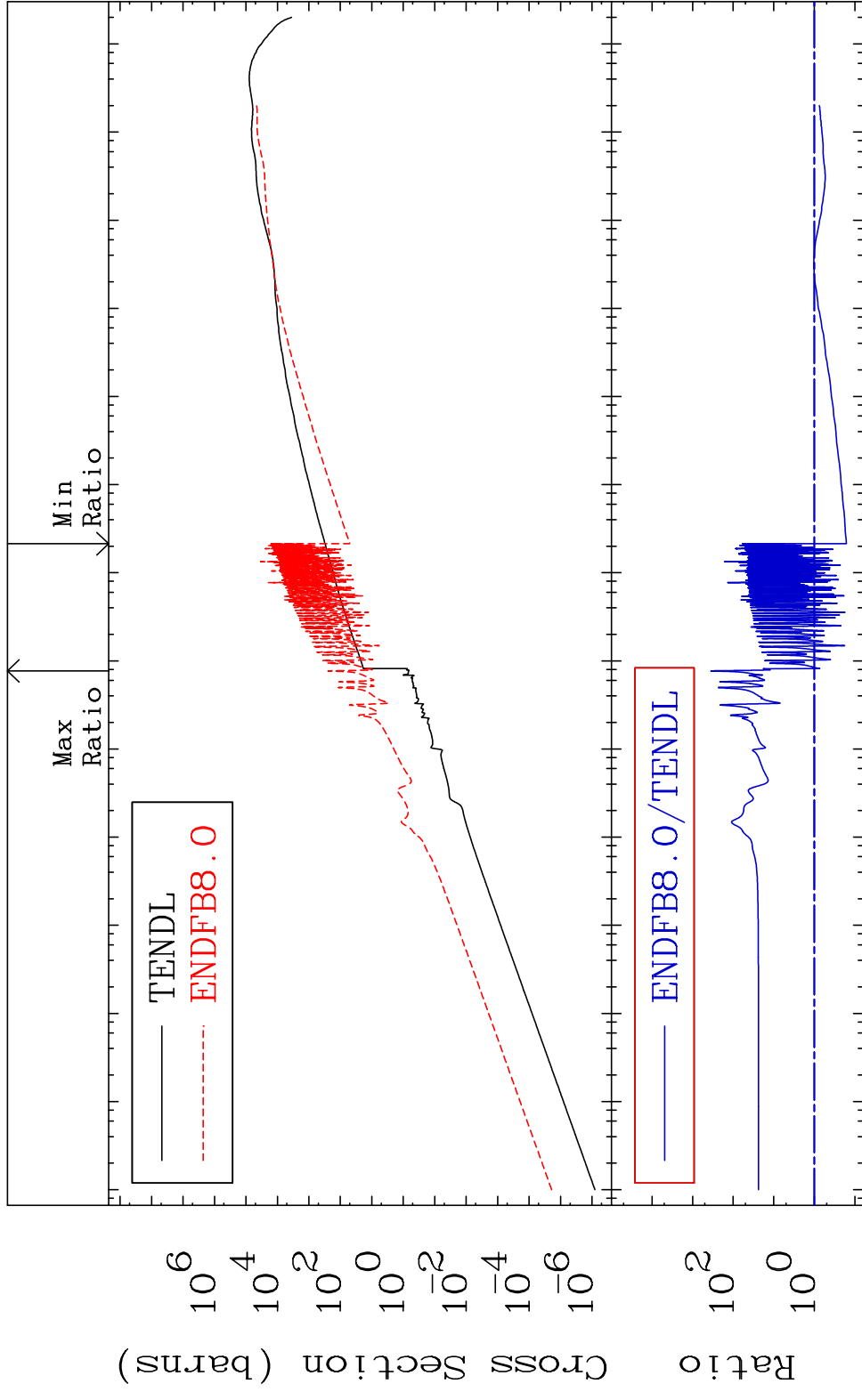
MAT 6522 Kerma total (eV-barns) 65-Tb-158
 Cross Section -76.35 To 9999. %



MAT 6522

Kerma elastic Cross Section -83.65 To 9999. %

65-Tb-158

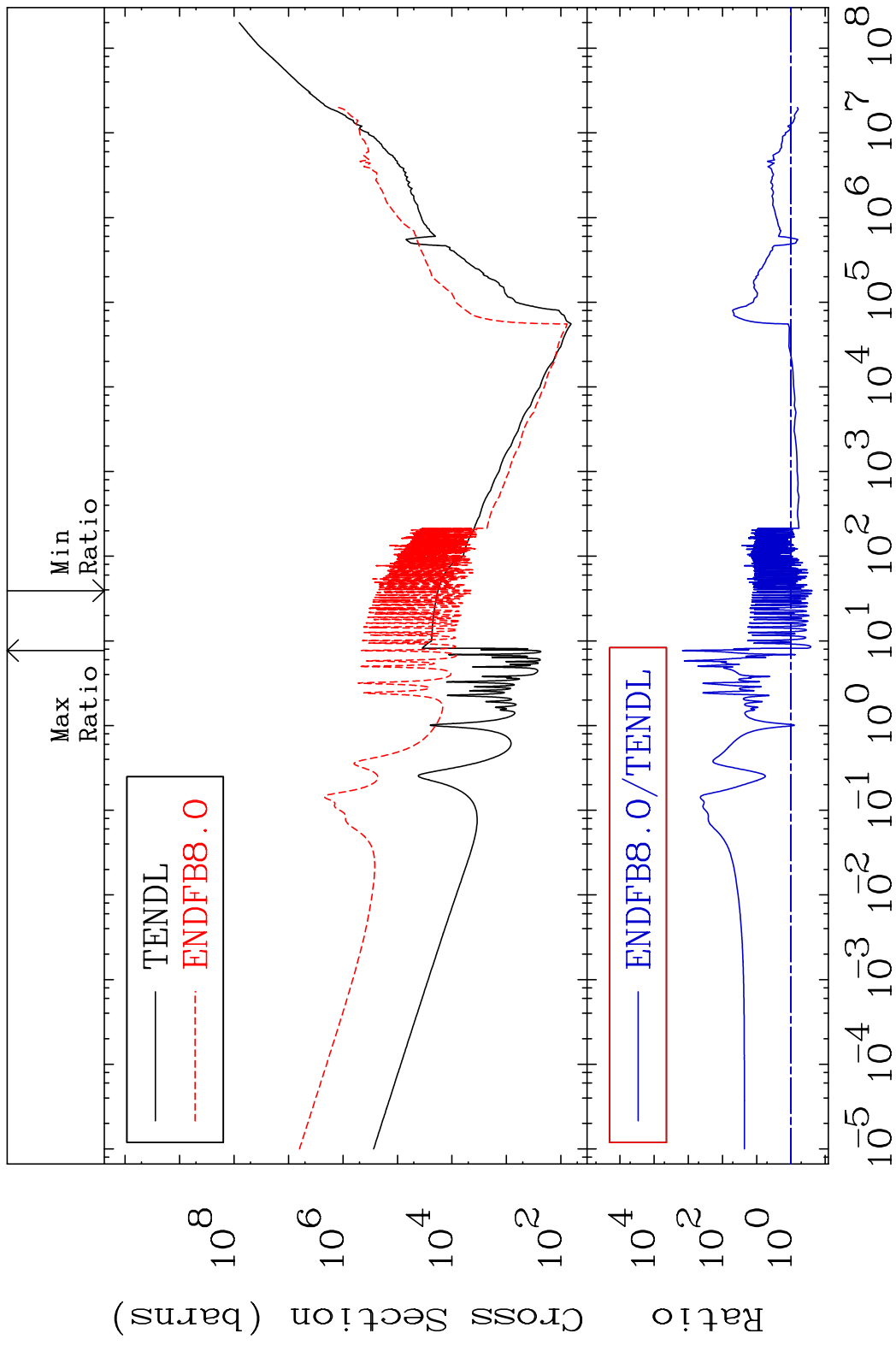


45

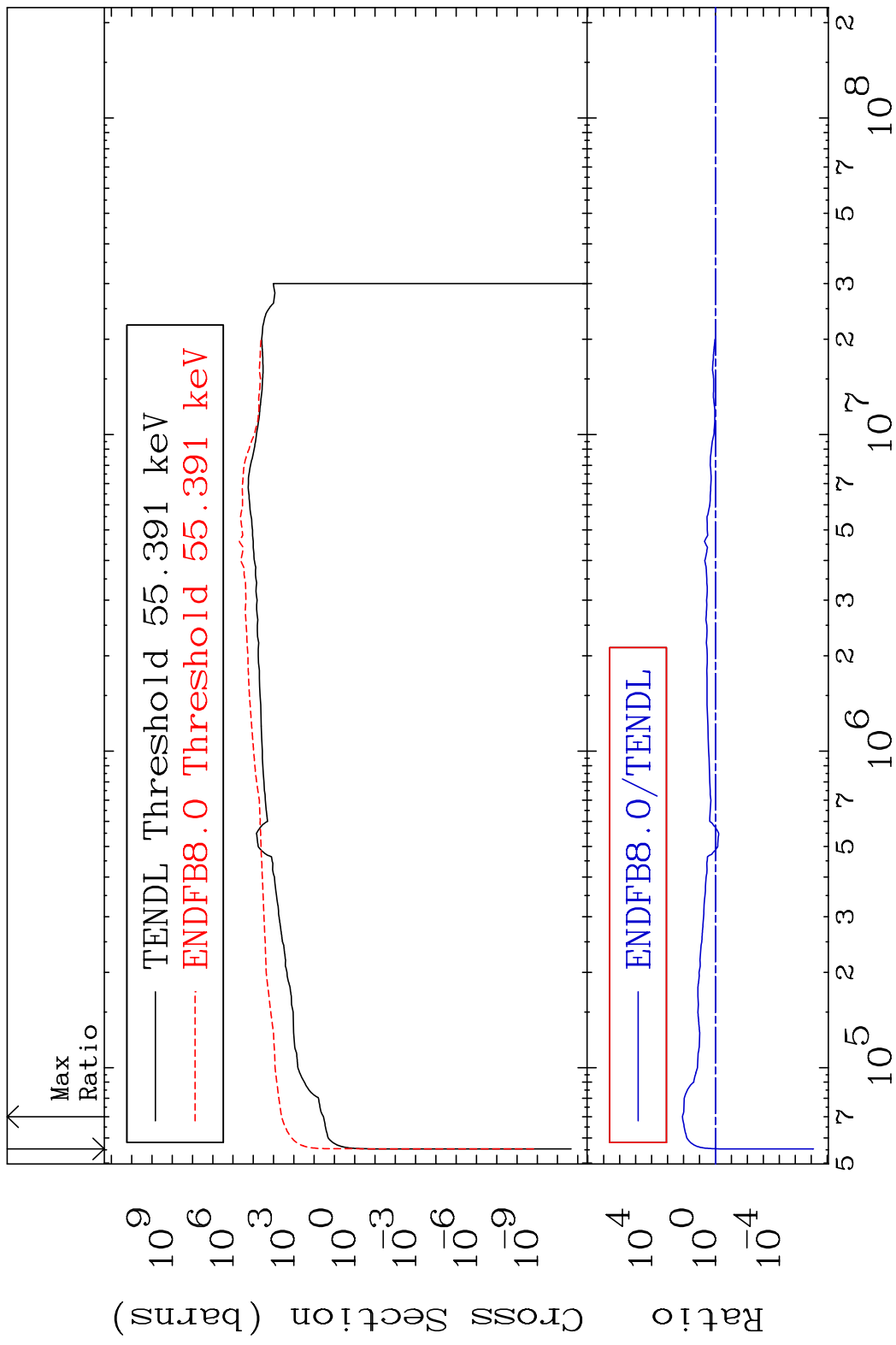
Incident Energy (eV)

65-Tb-158

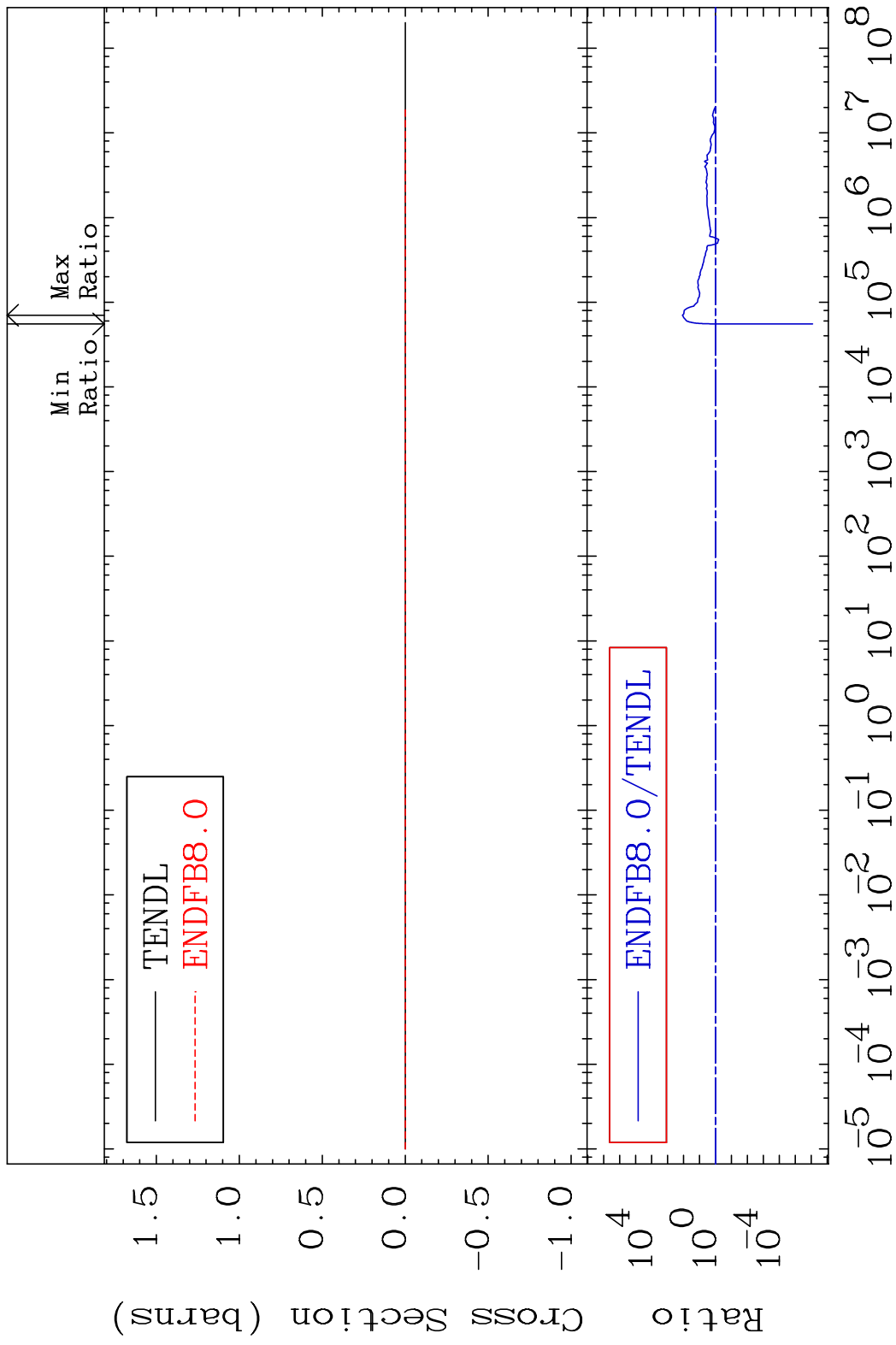
MAT 6522 Kerma non-elastic (all but mt2) 65-Tb-158
 Cross Section -76.73 To 9999. %



MAT 6522 Kerma inelastic (mt51-91) 65-Tb-158
 Cross Section -100.0 To 9999. %



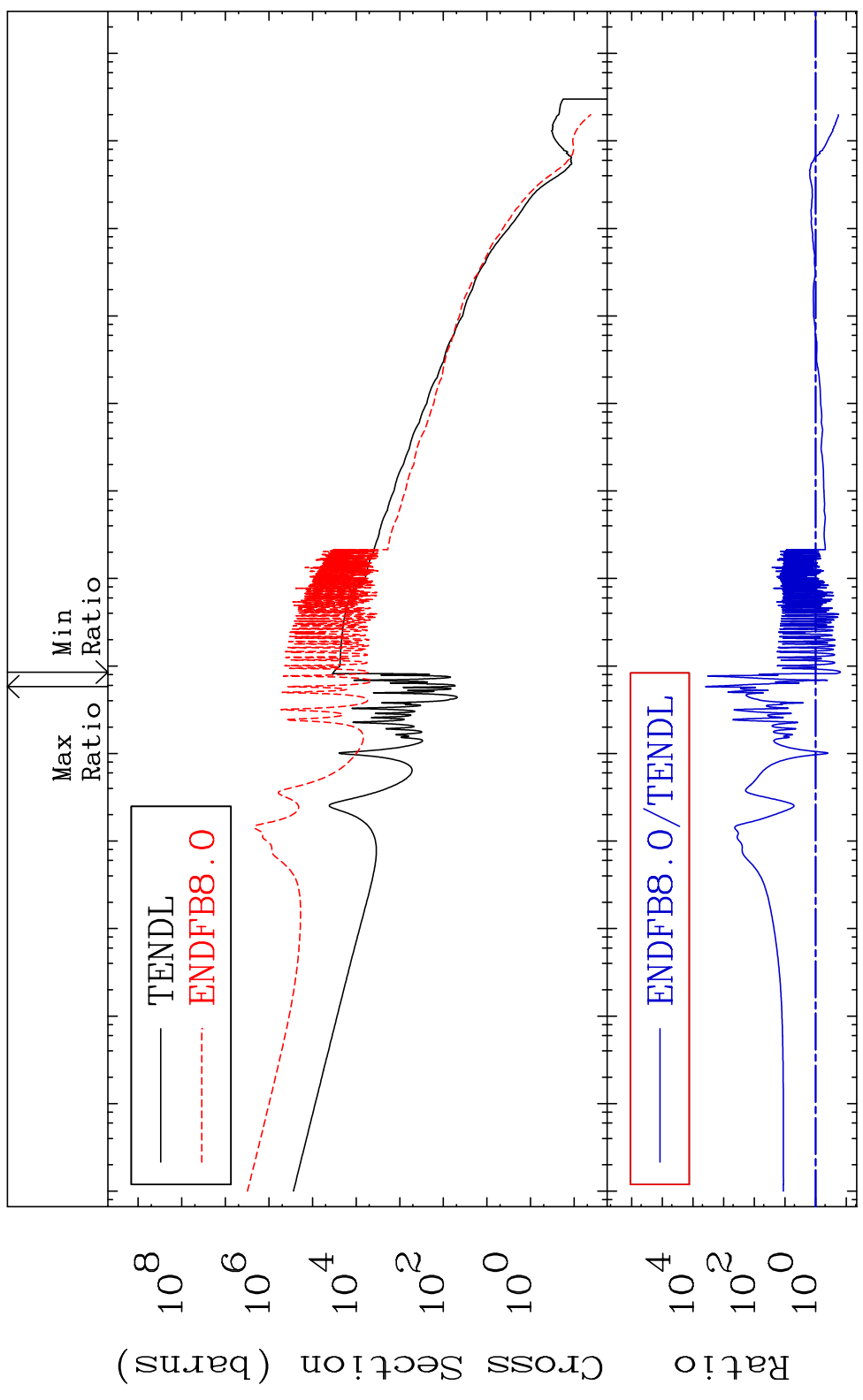
MAT 6522 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-158
 Cross Section -100.0 To 9999. %



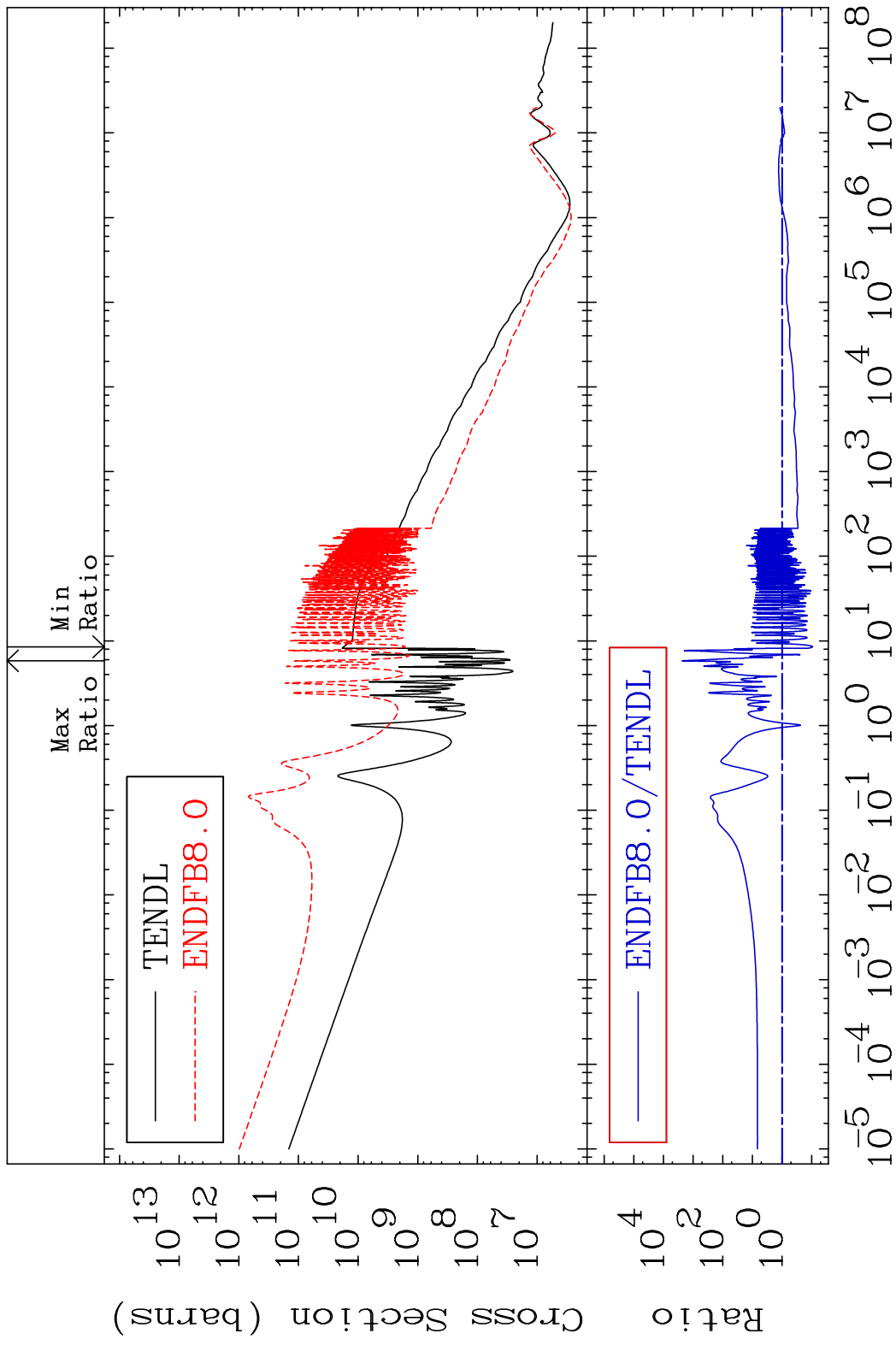
MAT 6522

Kerma capture (mt102) 65-Tb-158

Cross Section -84.26 To 9999. %

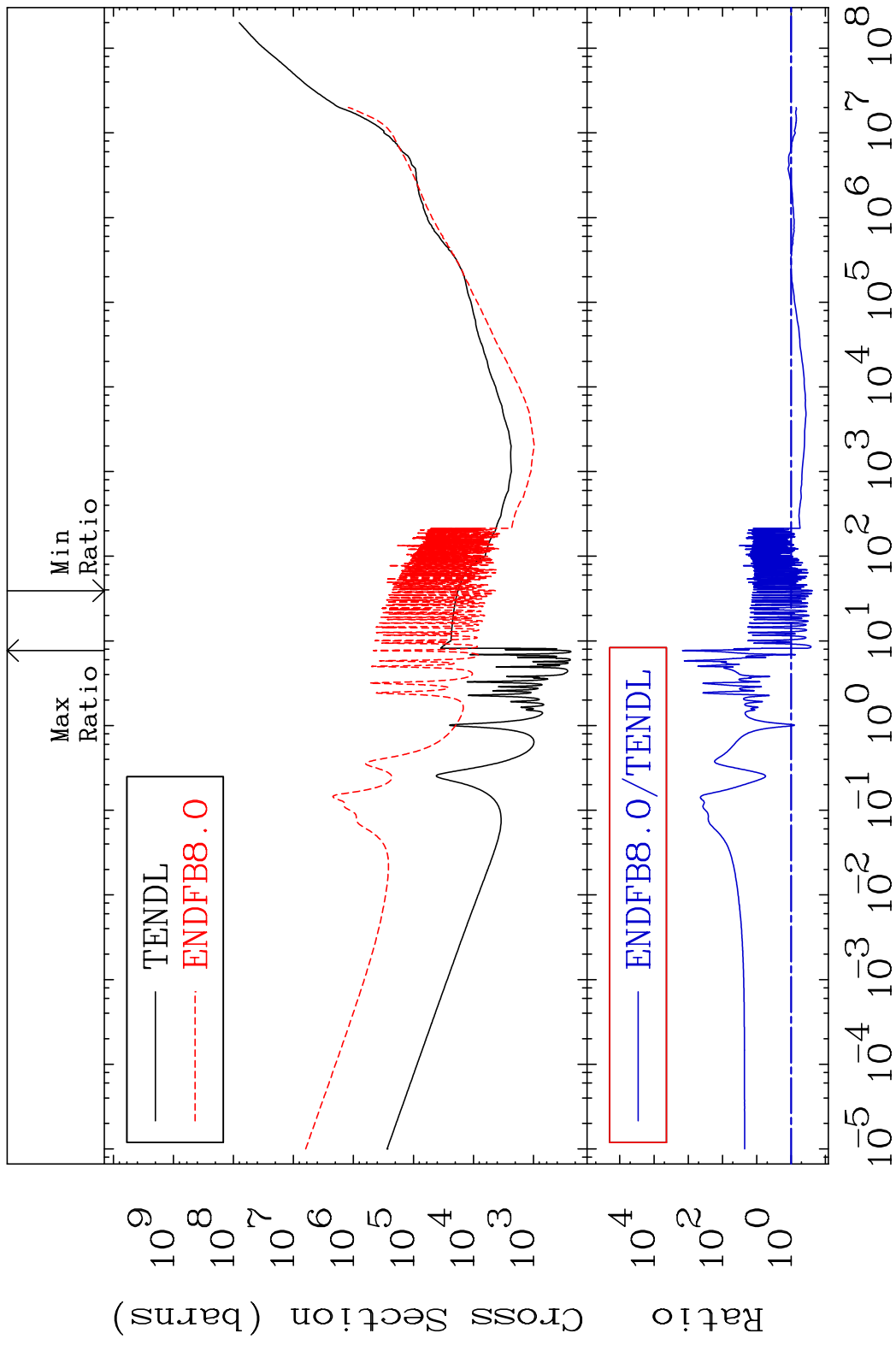


MAT 6522 Total photon (eV-barns) 65-Tb-158
 Cross Section -90.59 To 9999. %



50 Incident Energy (eV) 65-Tb-158

MAT 6522 Total kinematic kerma (high limit) 65-Tb-158
 Cross Section -76.41 To 9999. %

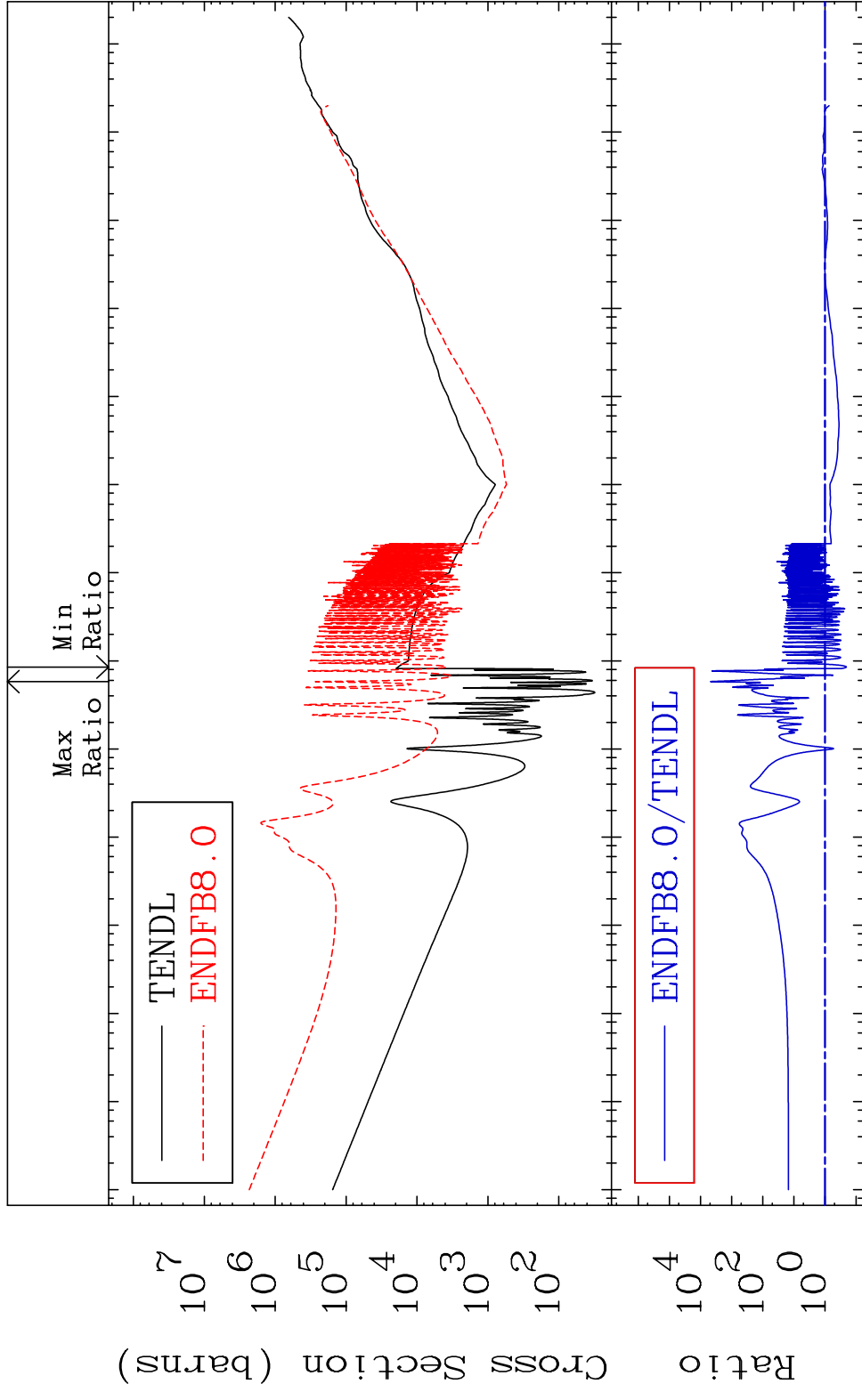


MAT 6522

Dpa total (eV-barns)

65-Tb-158

Cross Section -79.27 To 9999. %

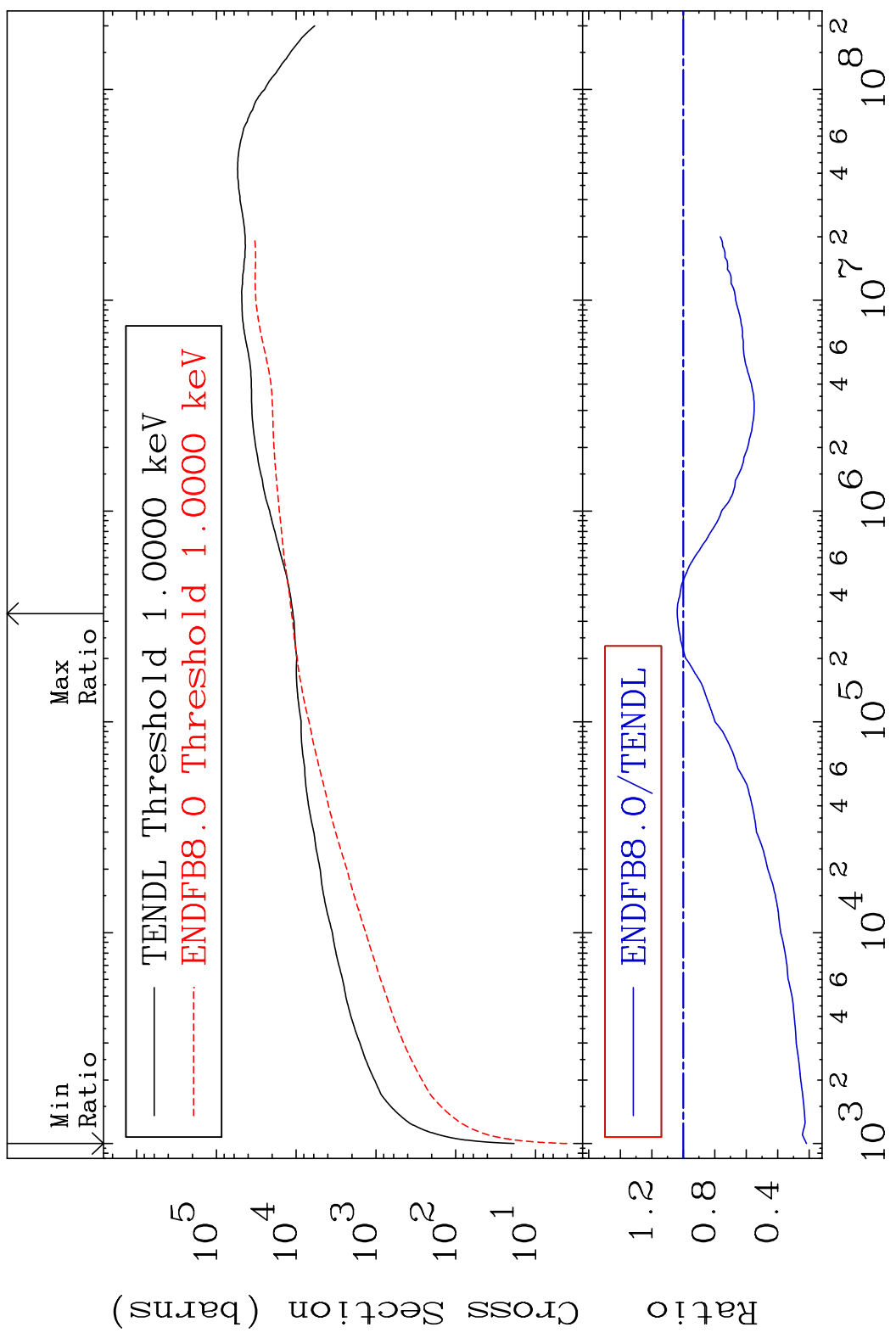


MAT 6522

Dpa elastic (mt2)

65-Tb-158

Cross Section -78.21 To 3.870 %

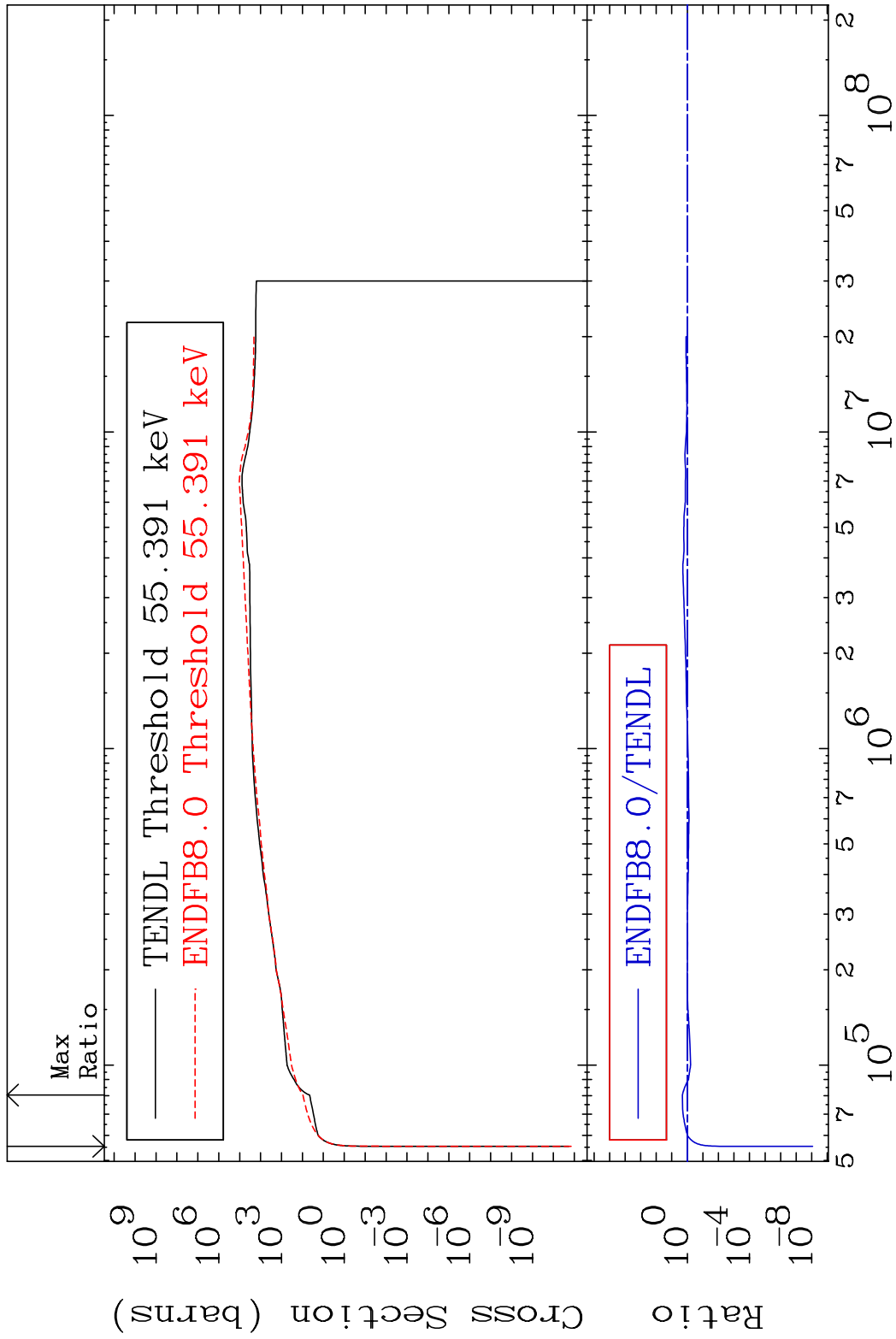


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Incident Energy (eV)

65-Tb-158

MAT 6522 Dpa inelastic (mt51-91) 65-Tb-158
 Cross Section -100.0 To 109.1 %



MAT 6522 Dpa disappearance (mt102 -120) 65-Tb-158
 Cross Section -94.34 To 9999. %

