

Program Complot
(Version 2021-1)

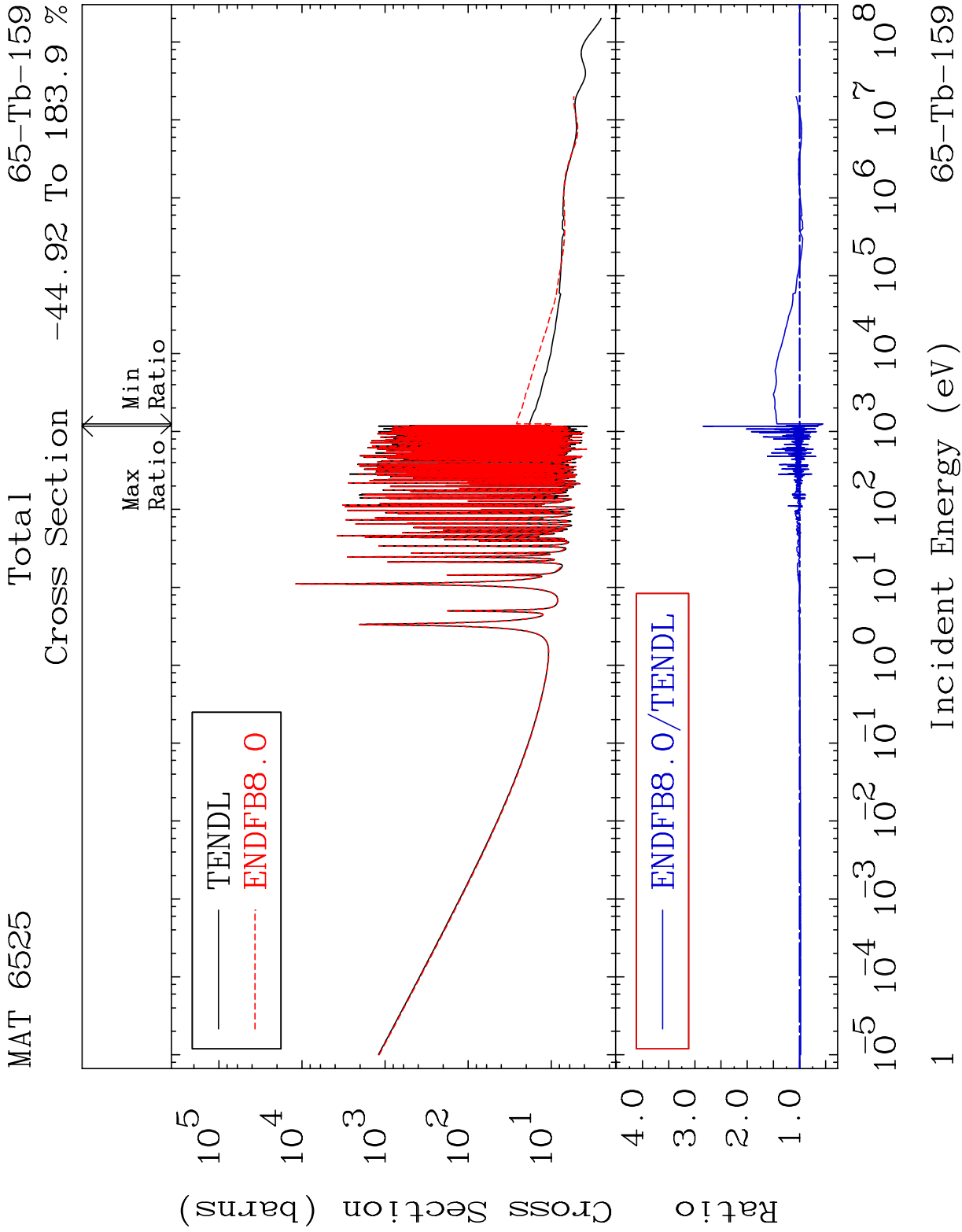
by

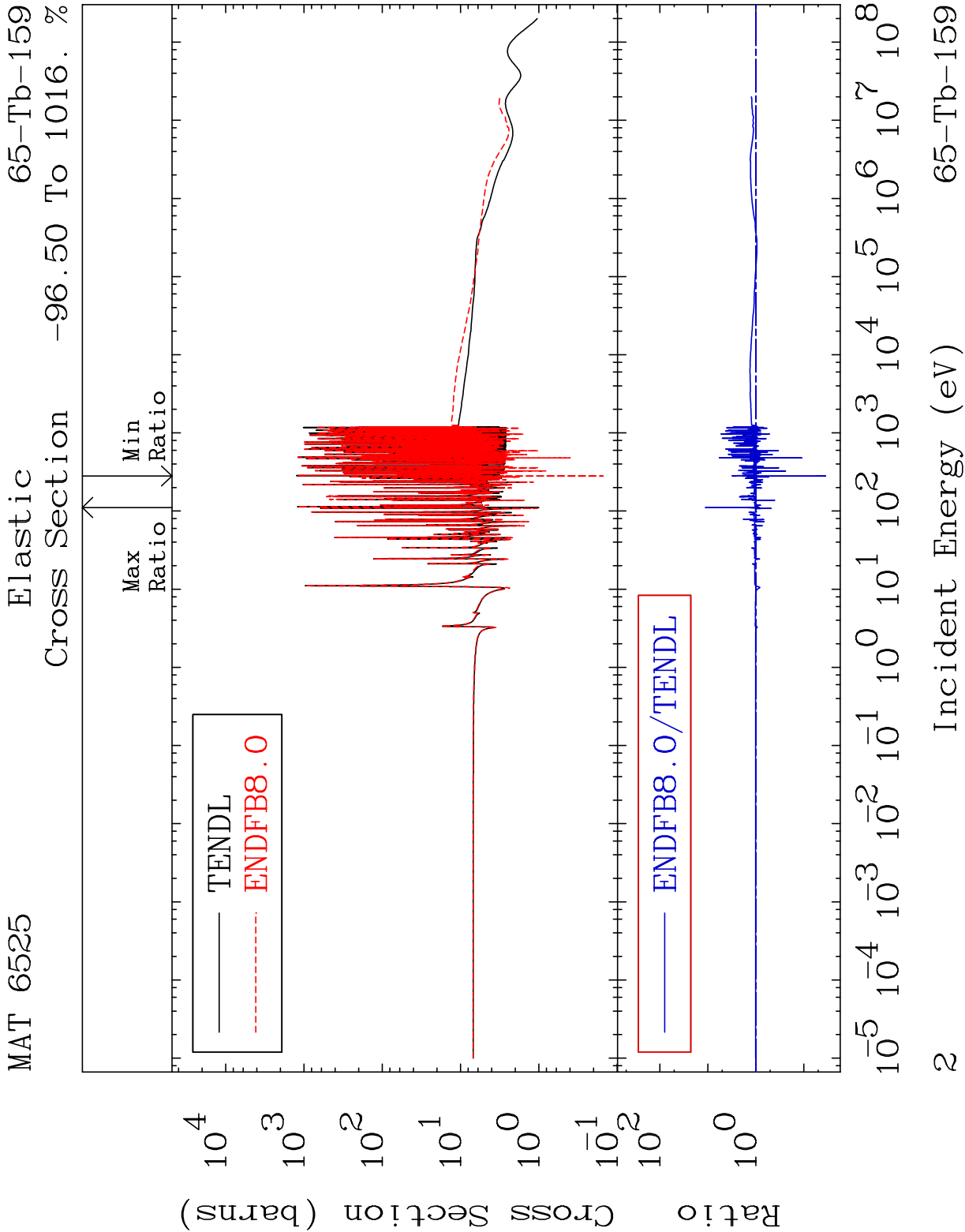
Dermott E. Cullen
(Present Contact Information)

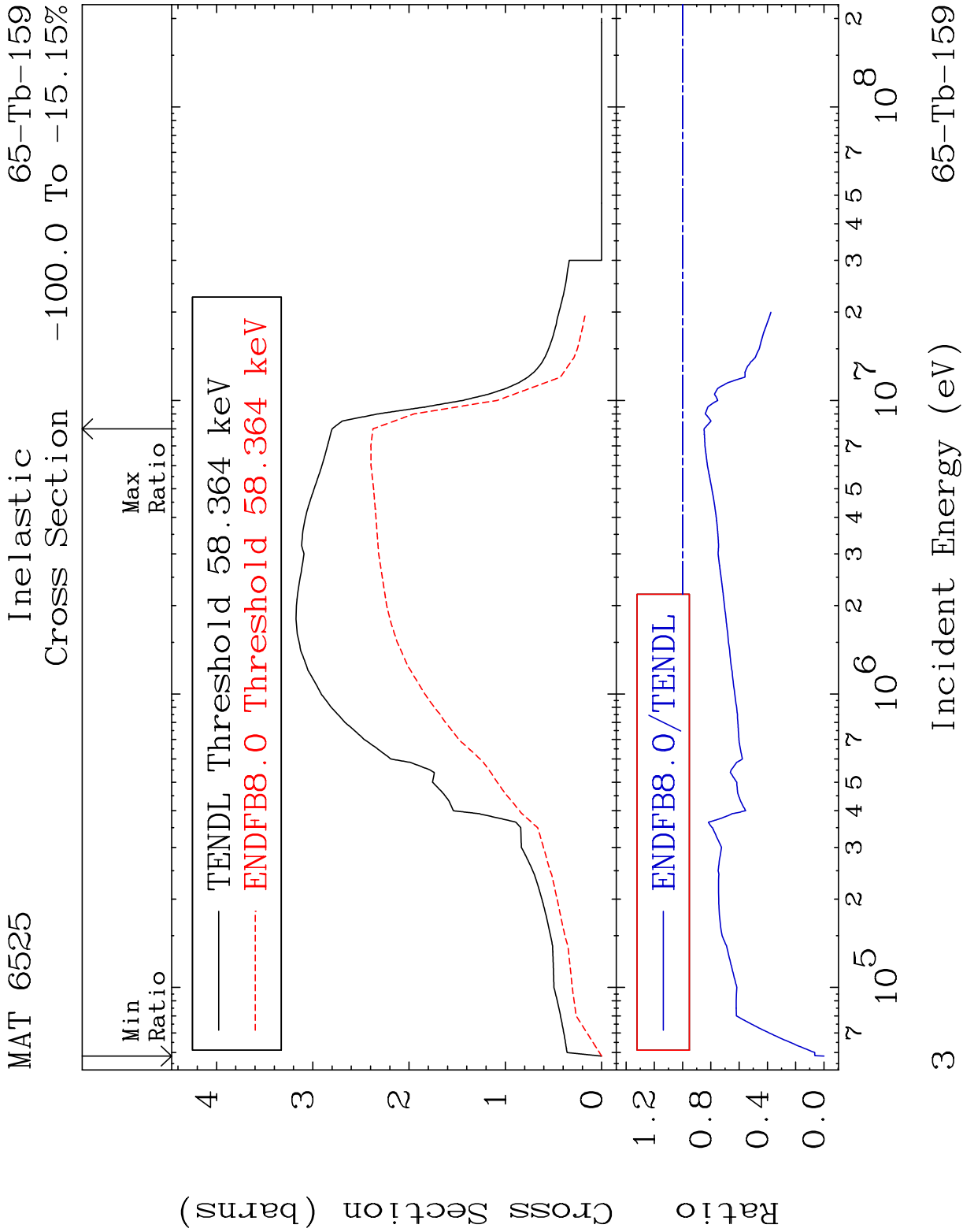
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

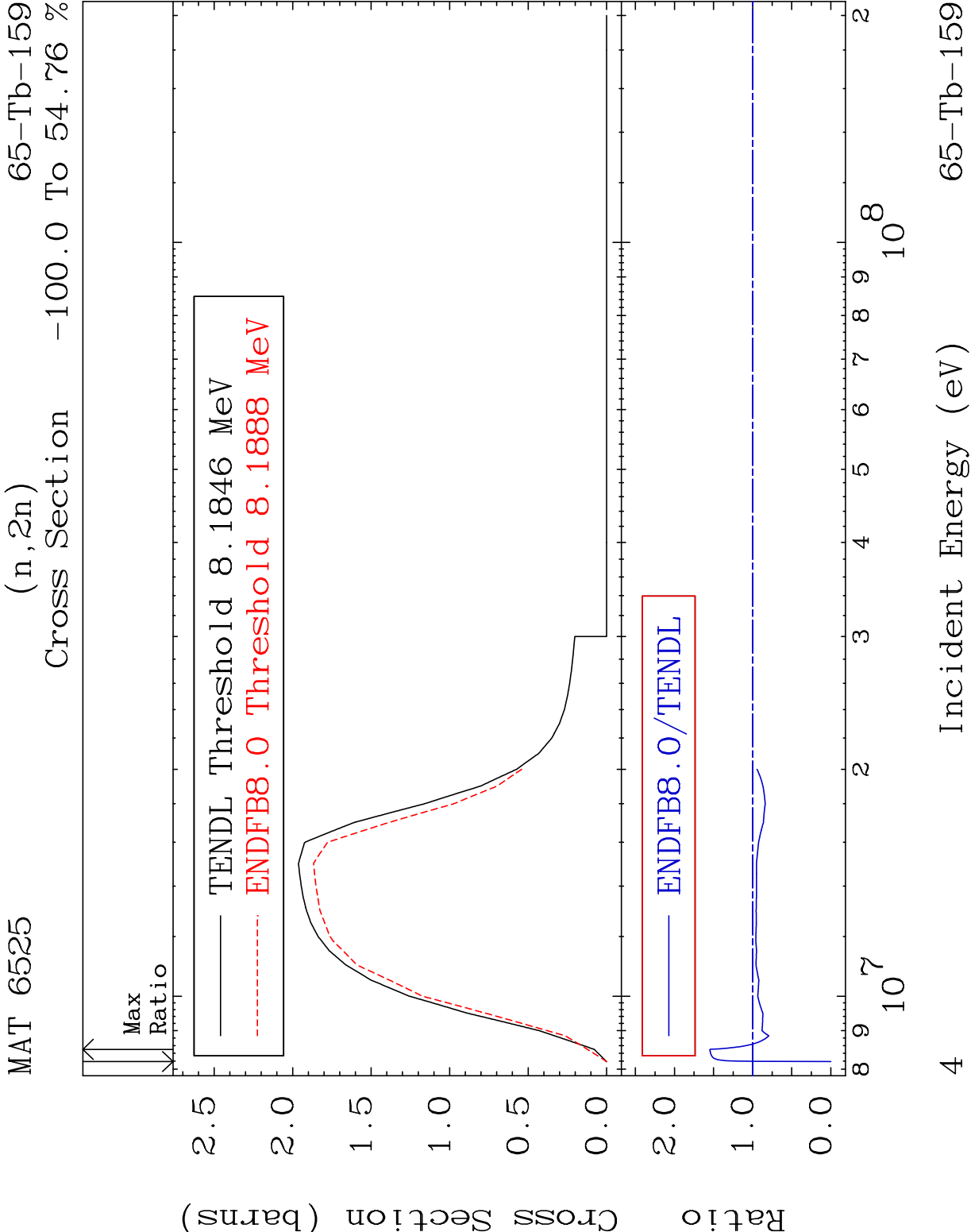
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

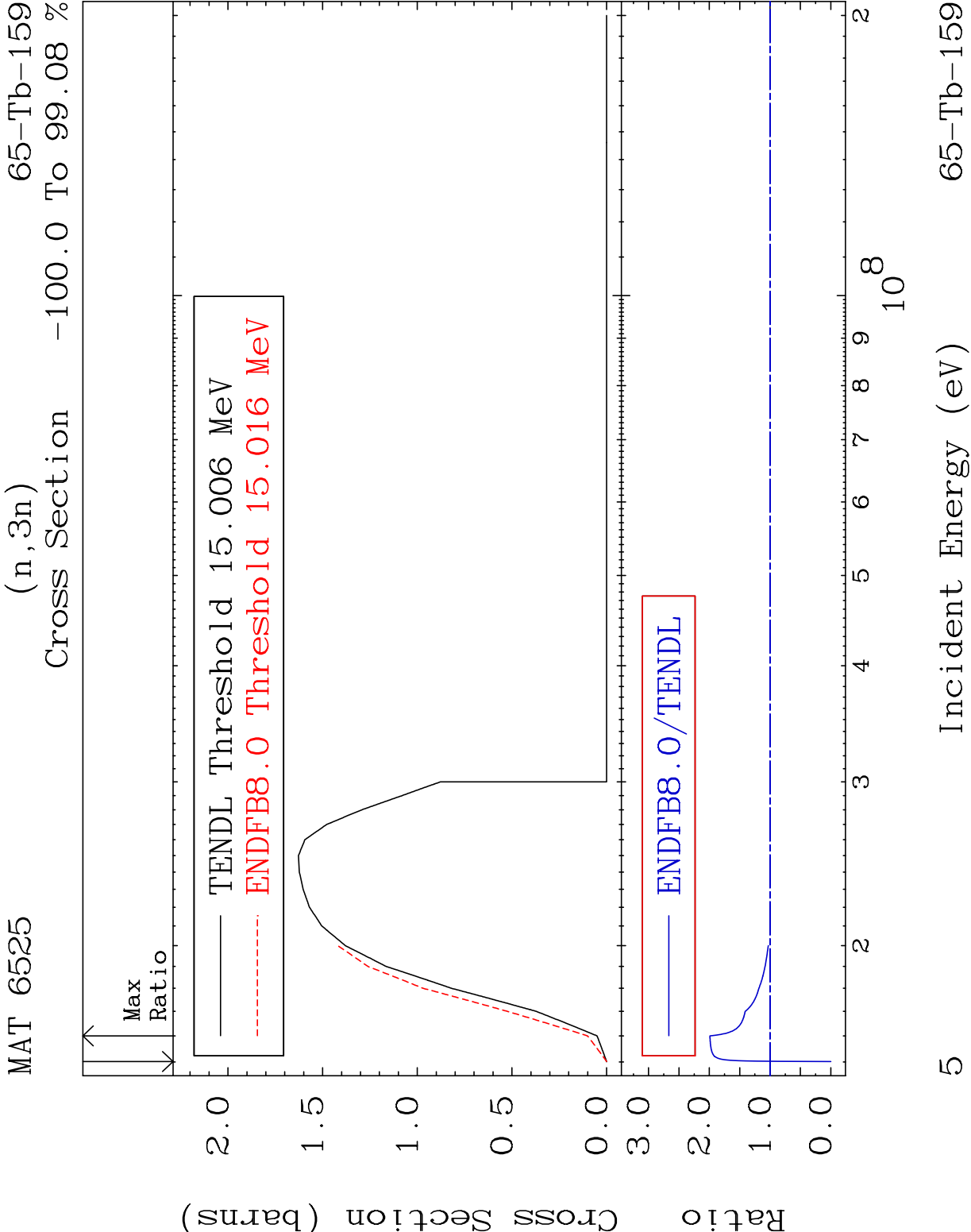
Press Mouse Button to Start

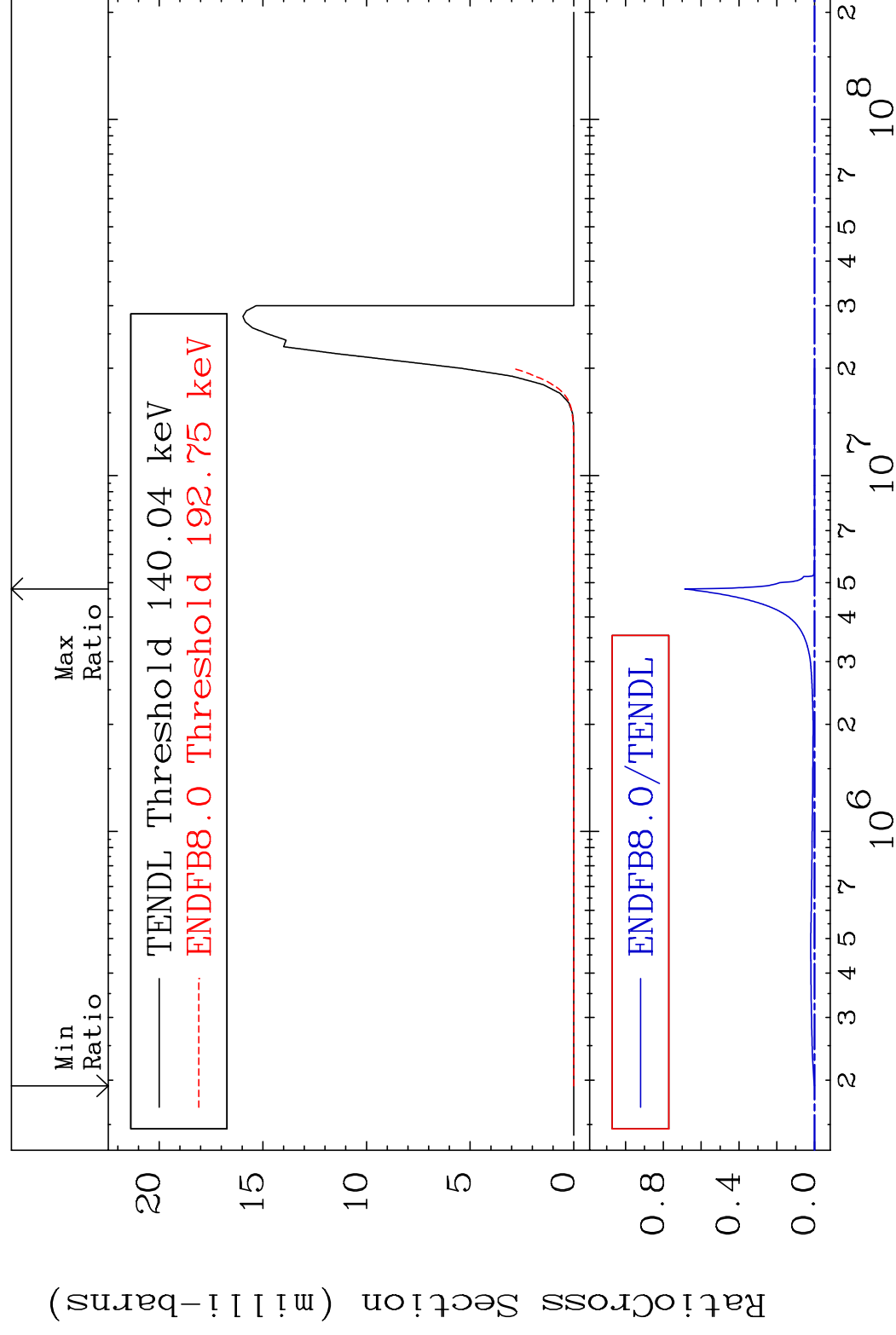




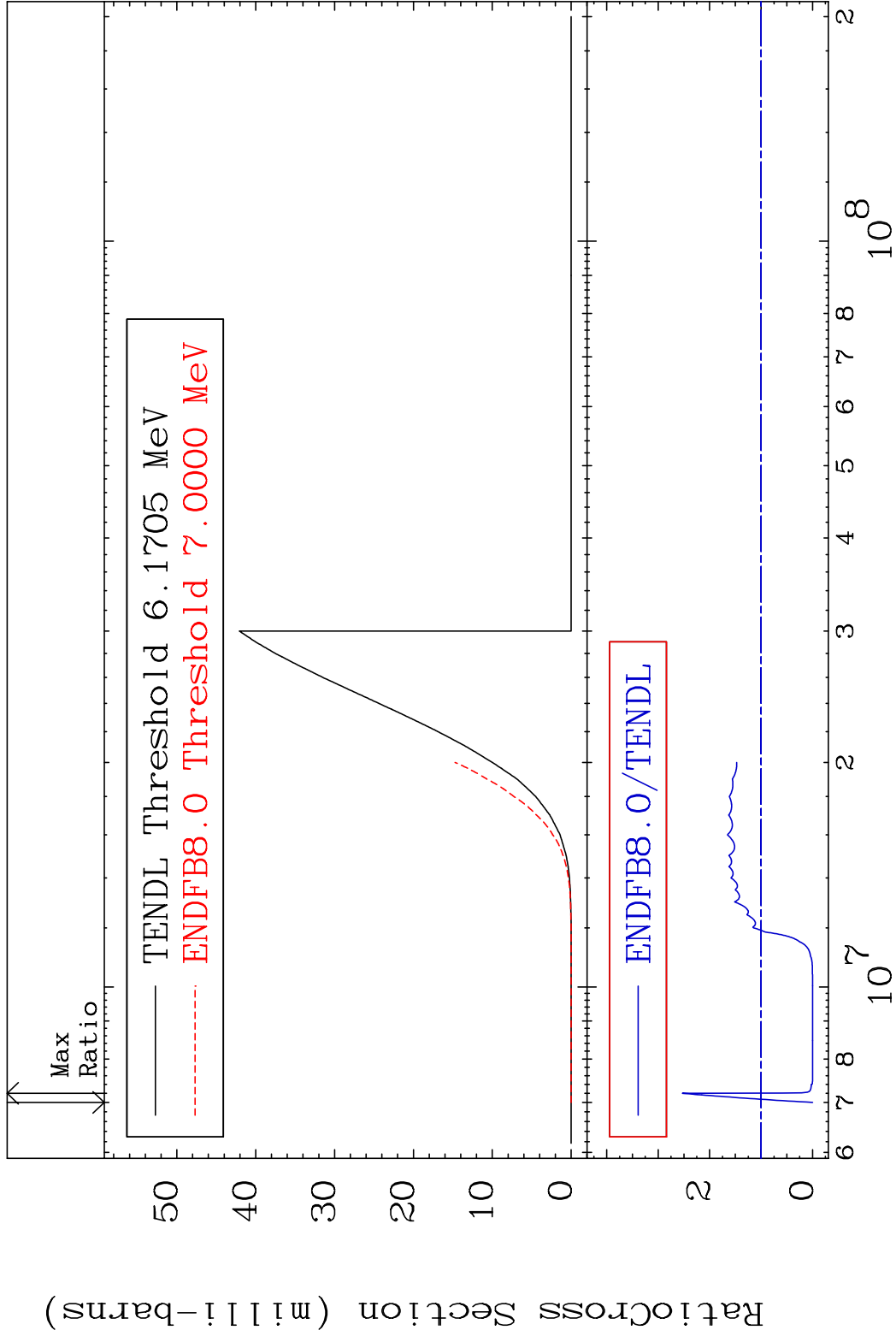




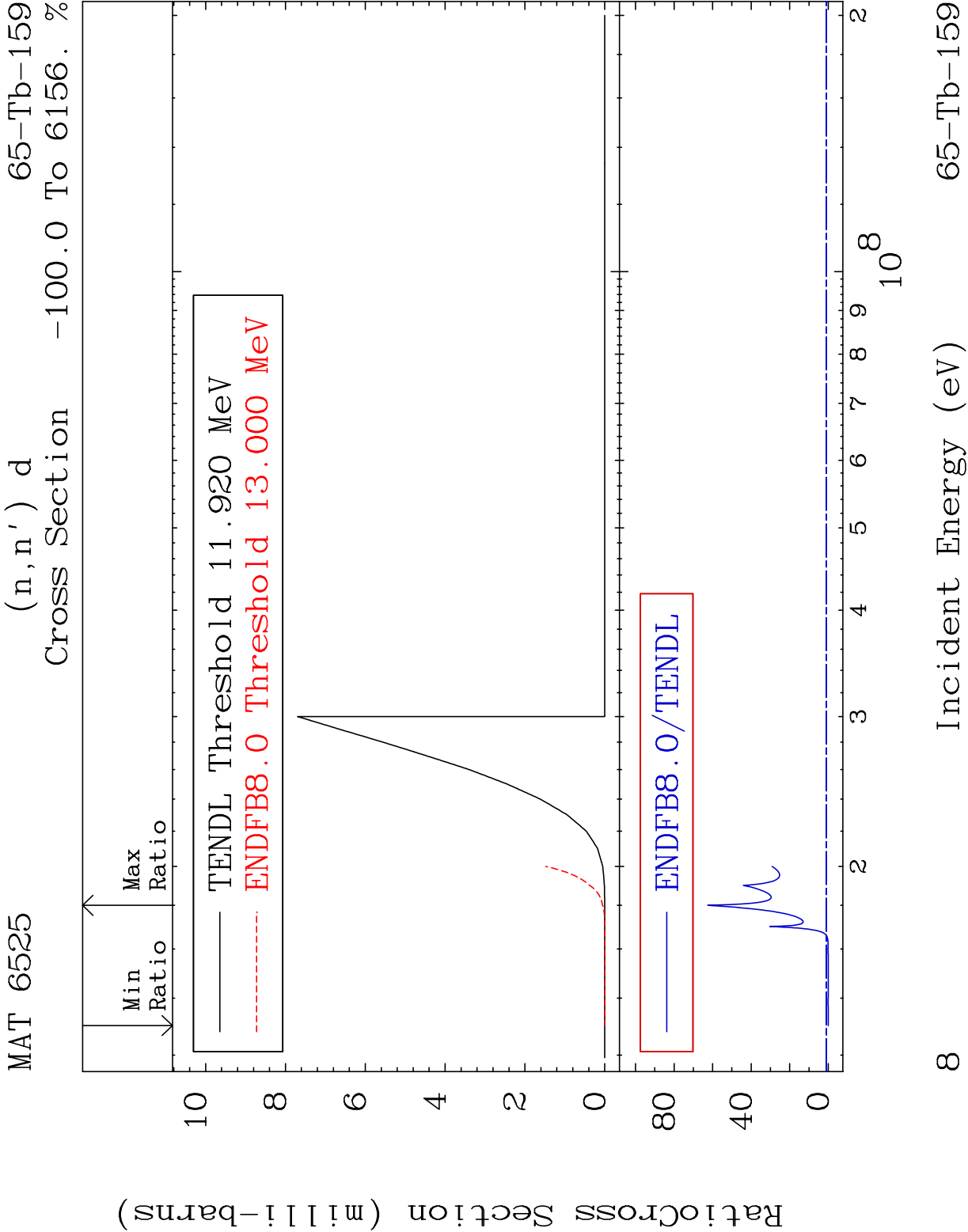




MAT 6525 (n,n') p 65-Tb-159
Cross Section -100.0 To 153.0 %

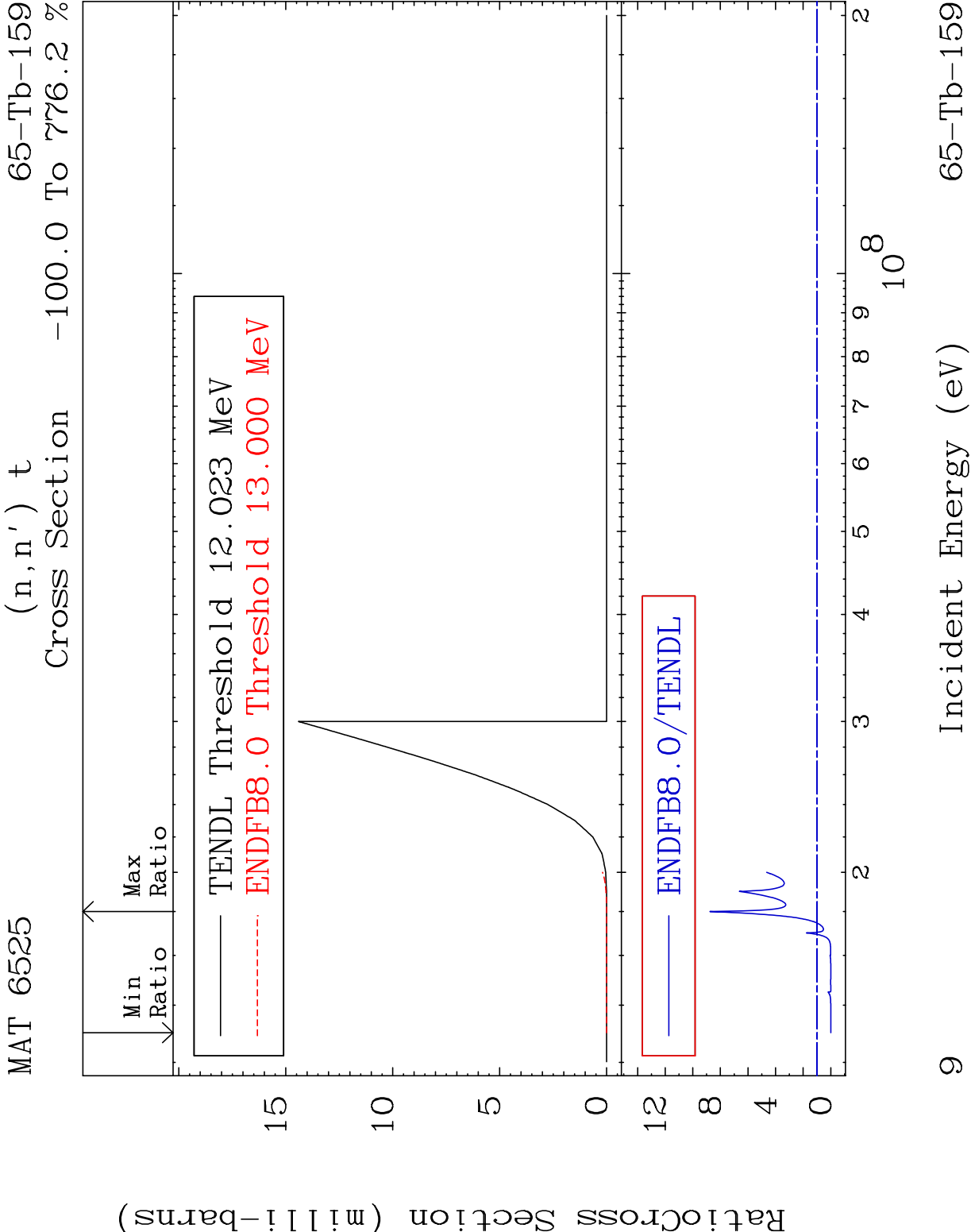


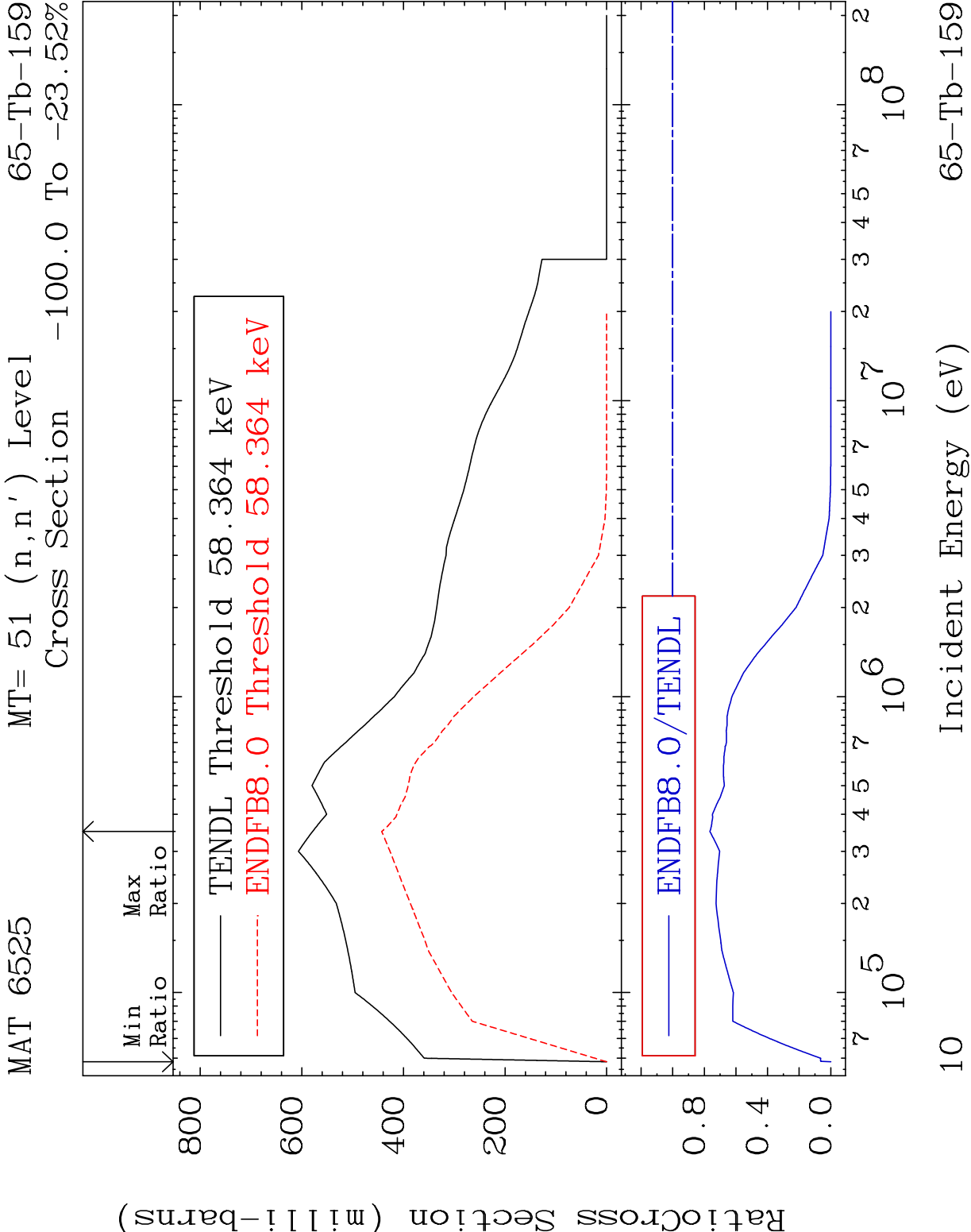
7 6 7 8 10 7 8 10 8 2



8

65-Tb-159





MAT 6525

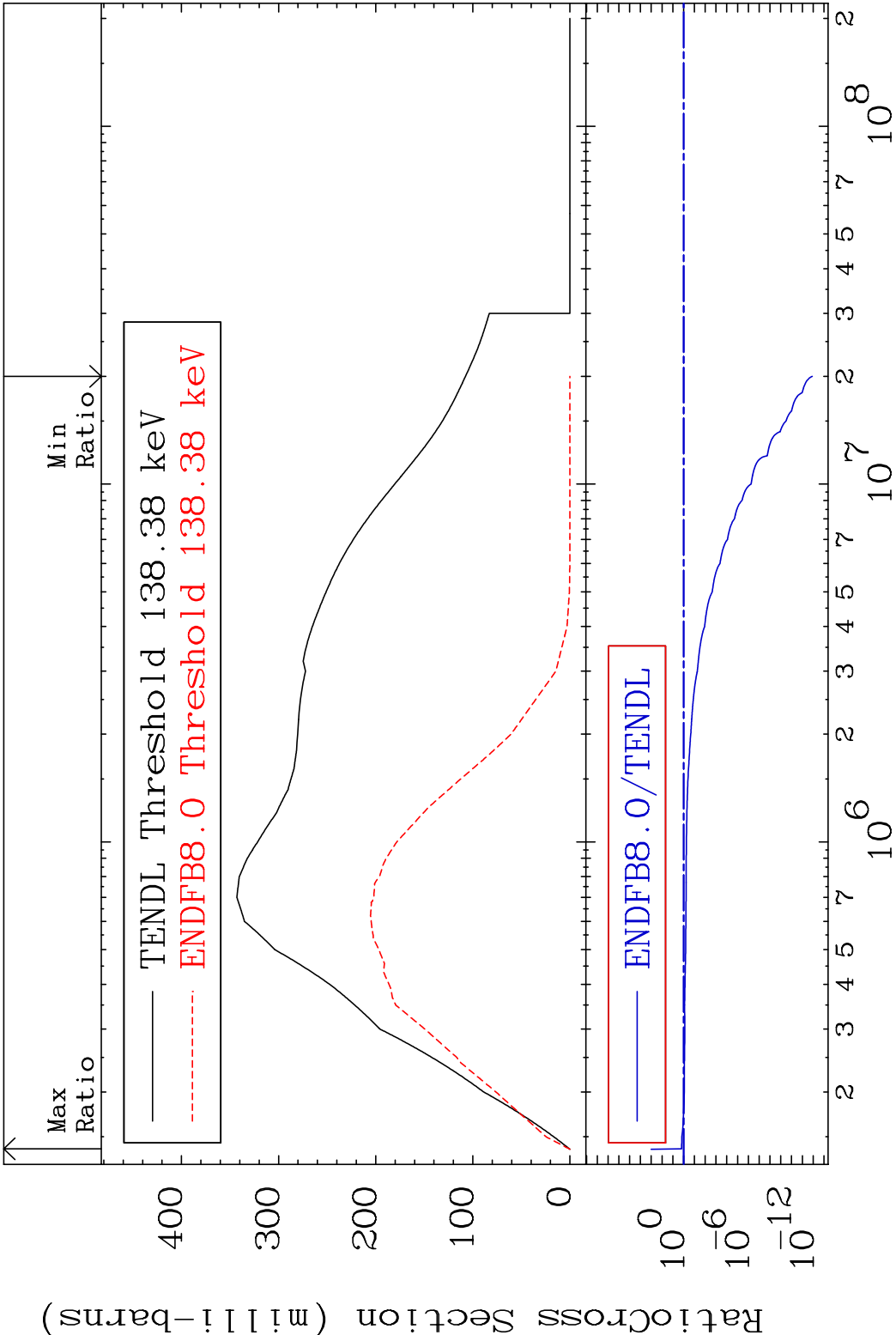
MT= 52 (n,n')

Level

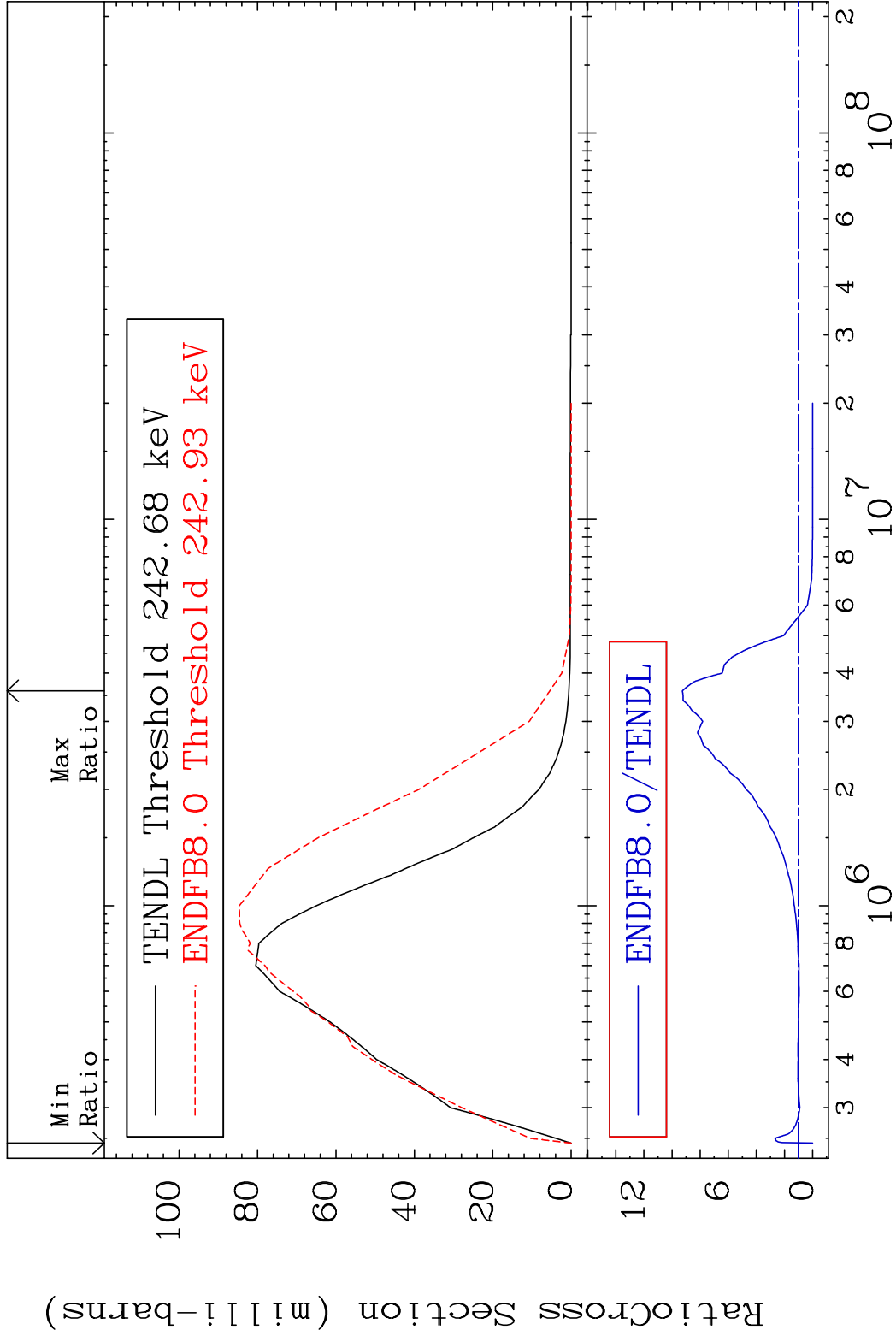
65-Tb-159

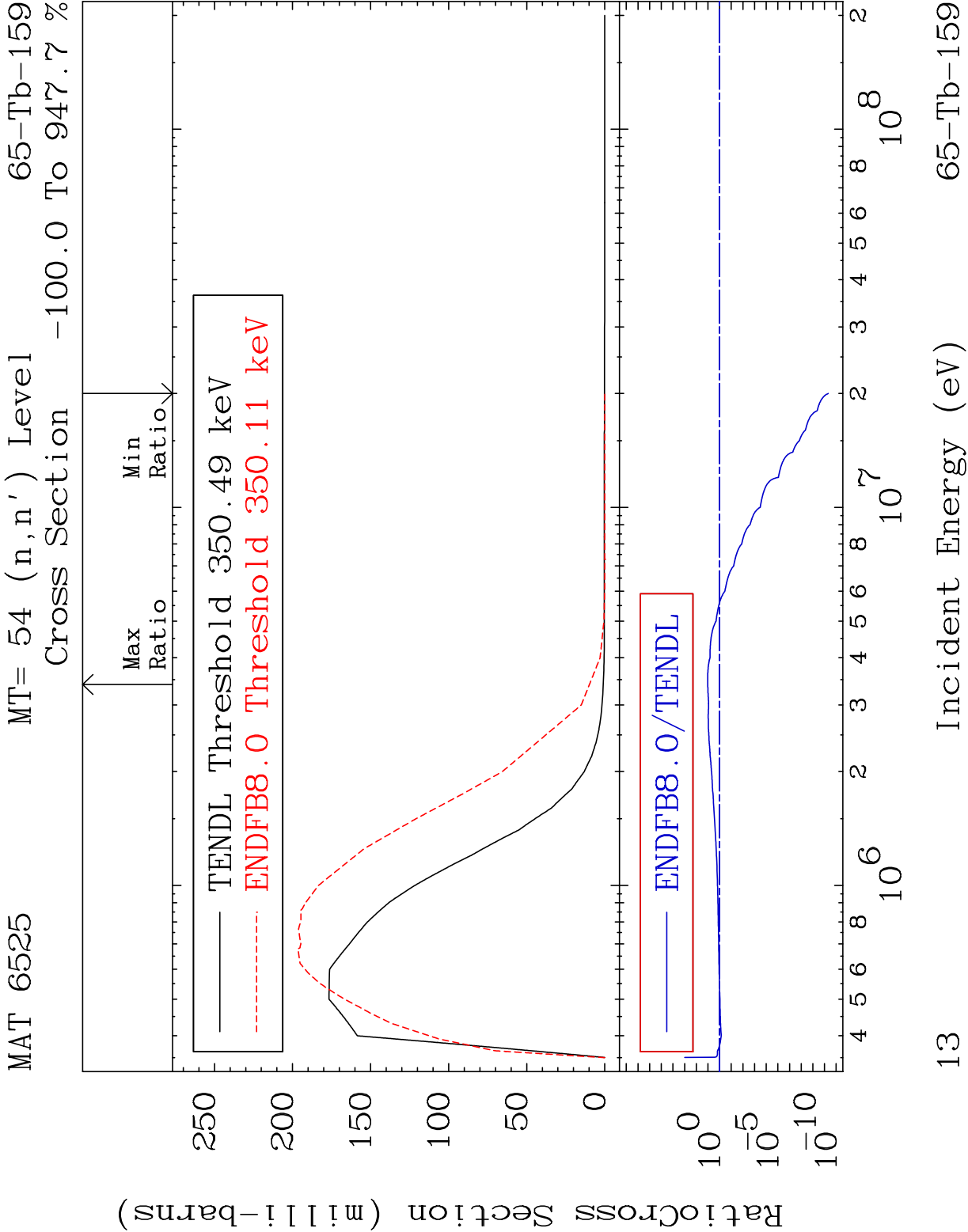
Cross Section

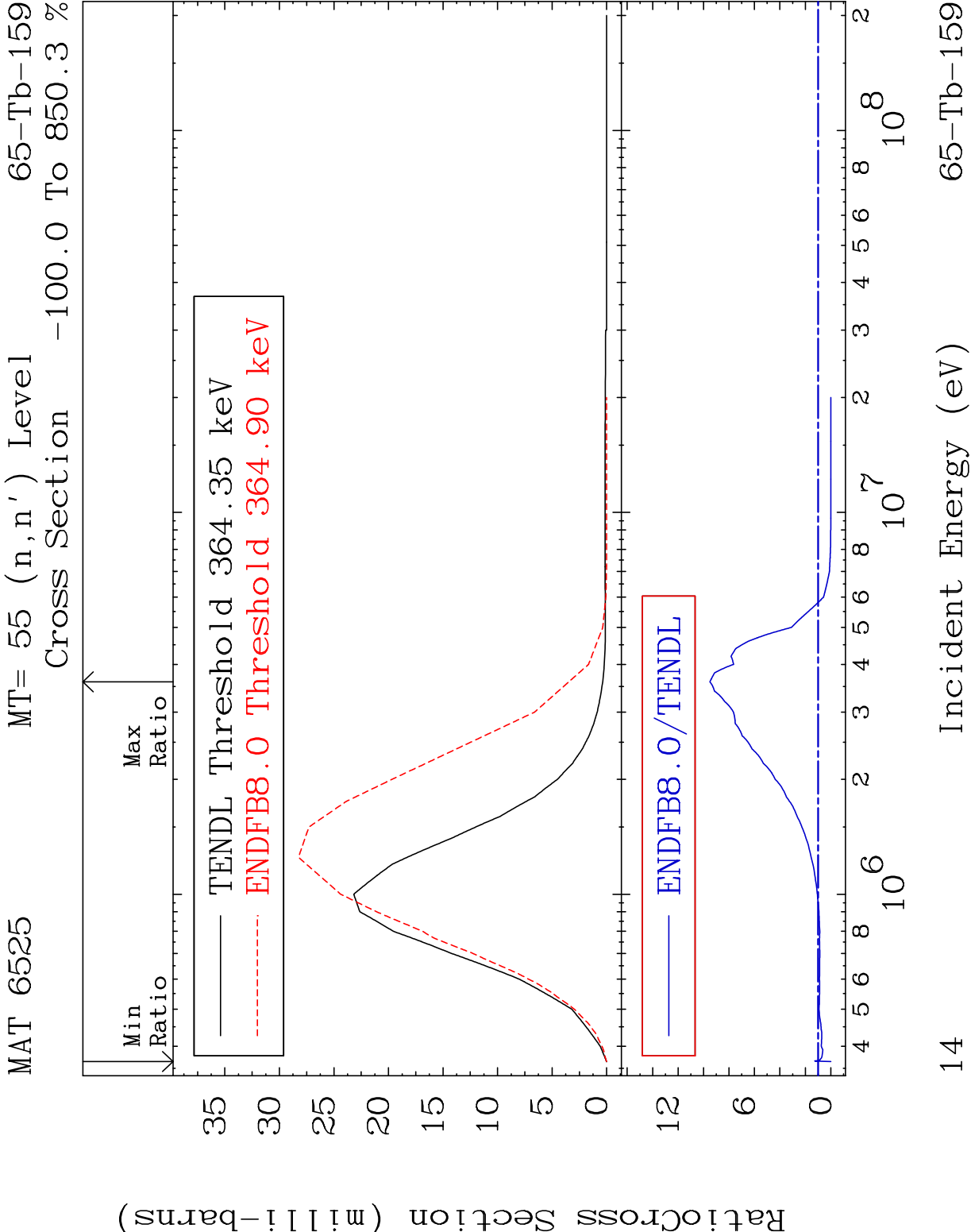
-100.0 To 55.54 %



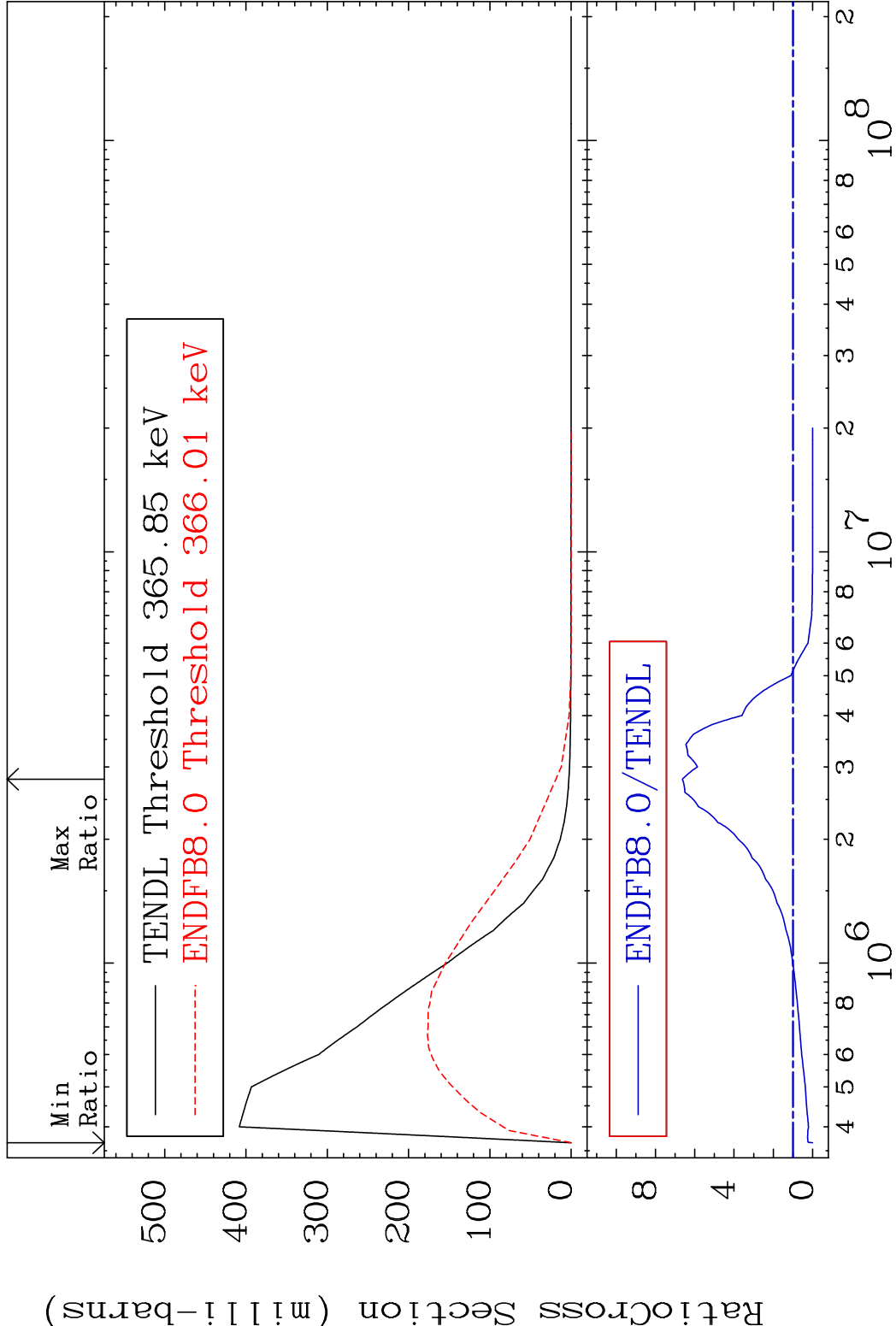
MAT 6525 MT= 53 (n,n') Level 65-Tb-159
Cross Section -100.0 To 826.6 %



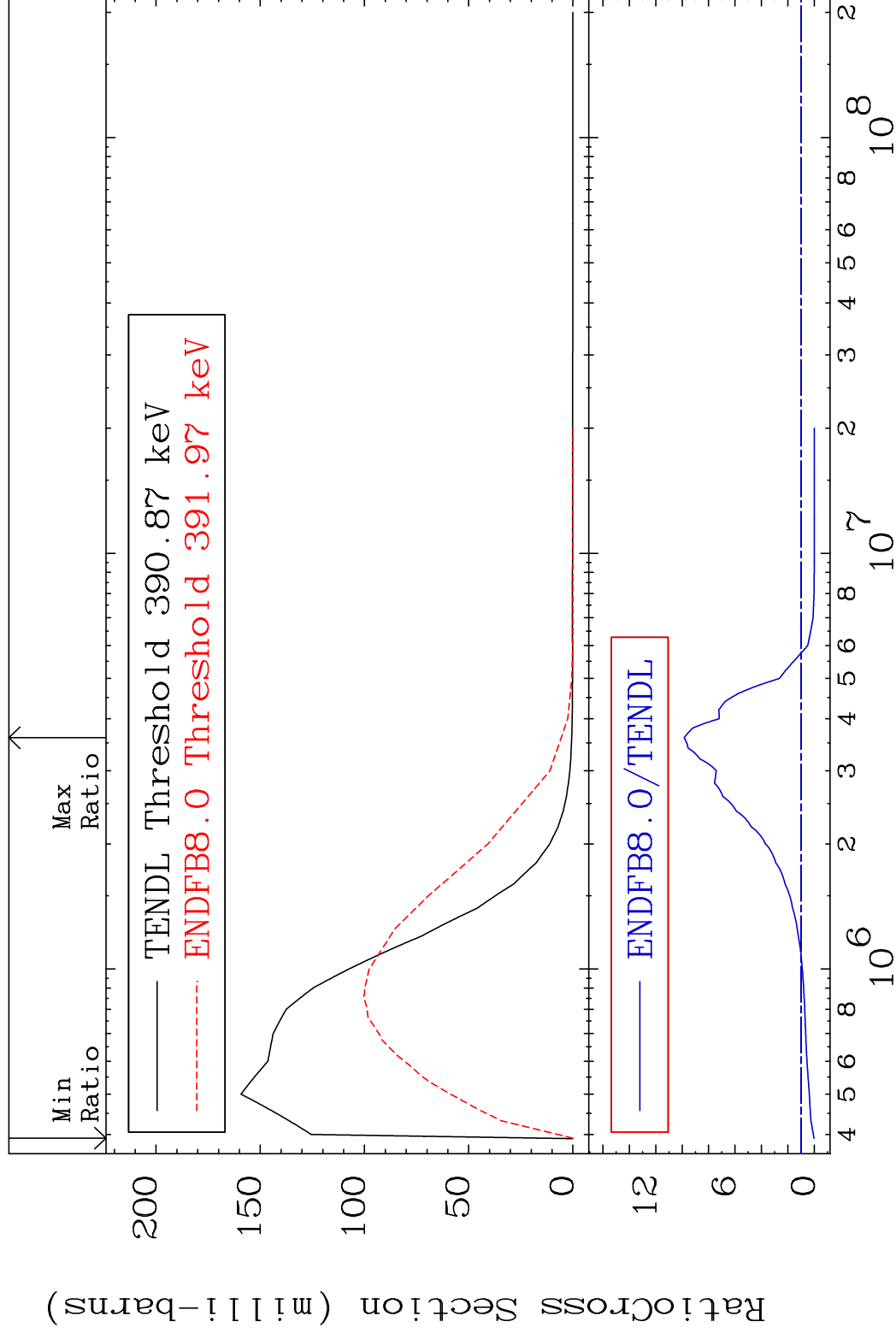




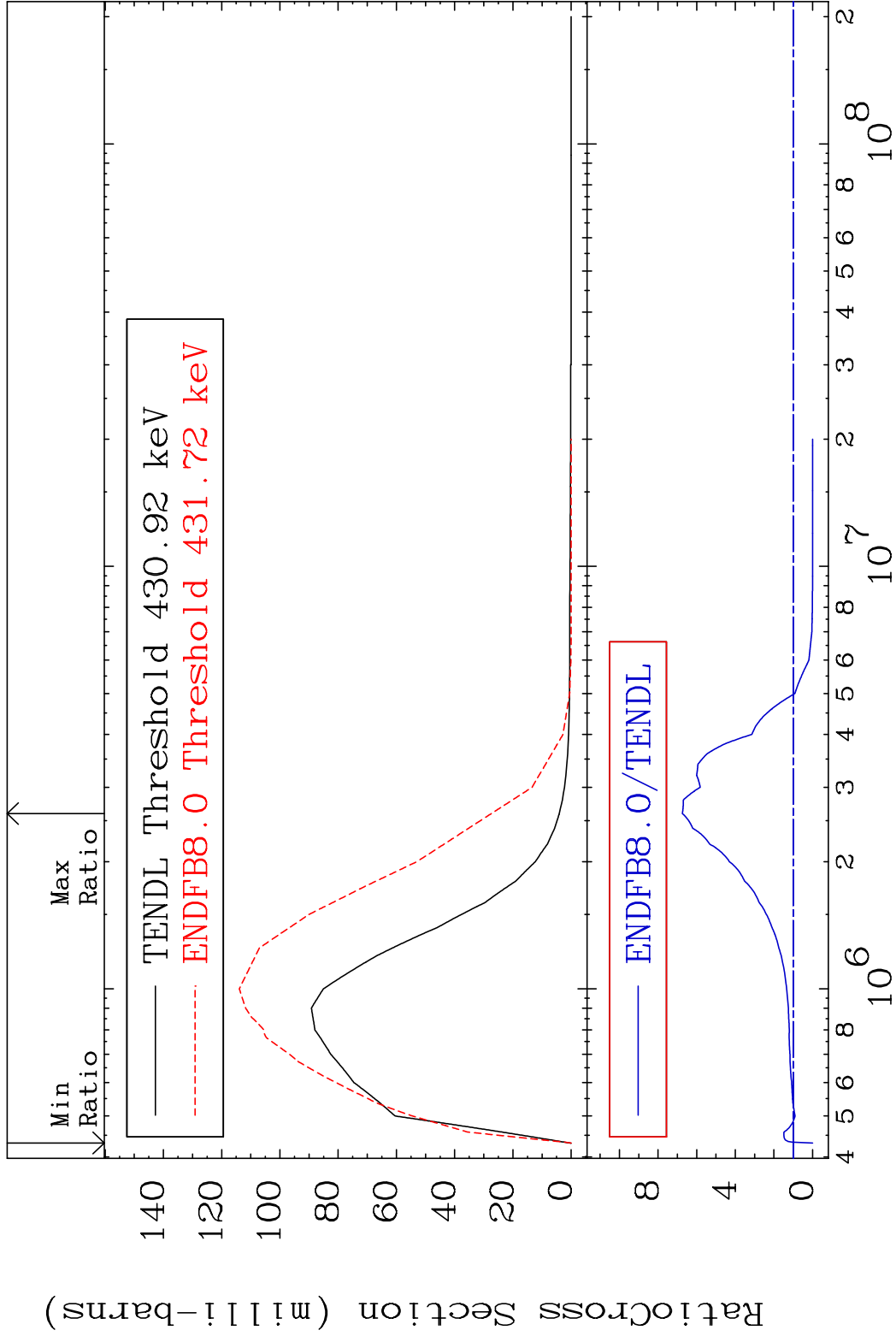
MAT 6525 MT= 56 (n,n') Level 65-Tb-159
Cross Section -100.0 To 563.2 %



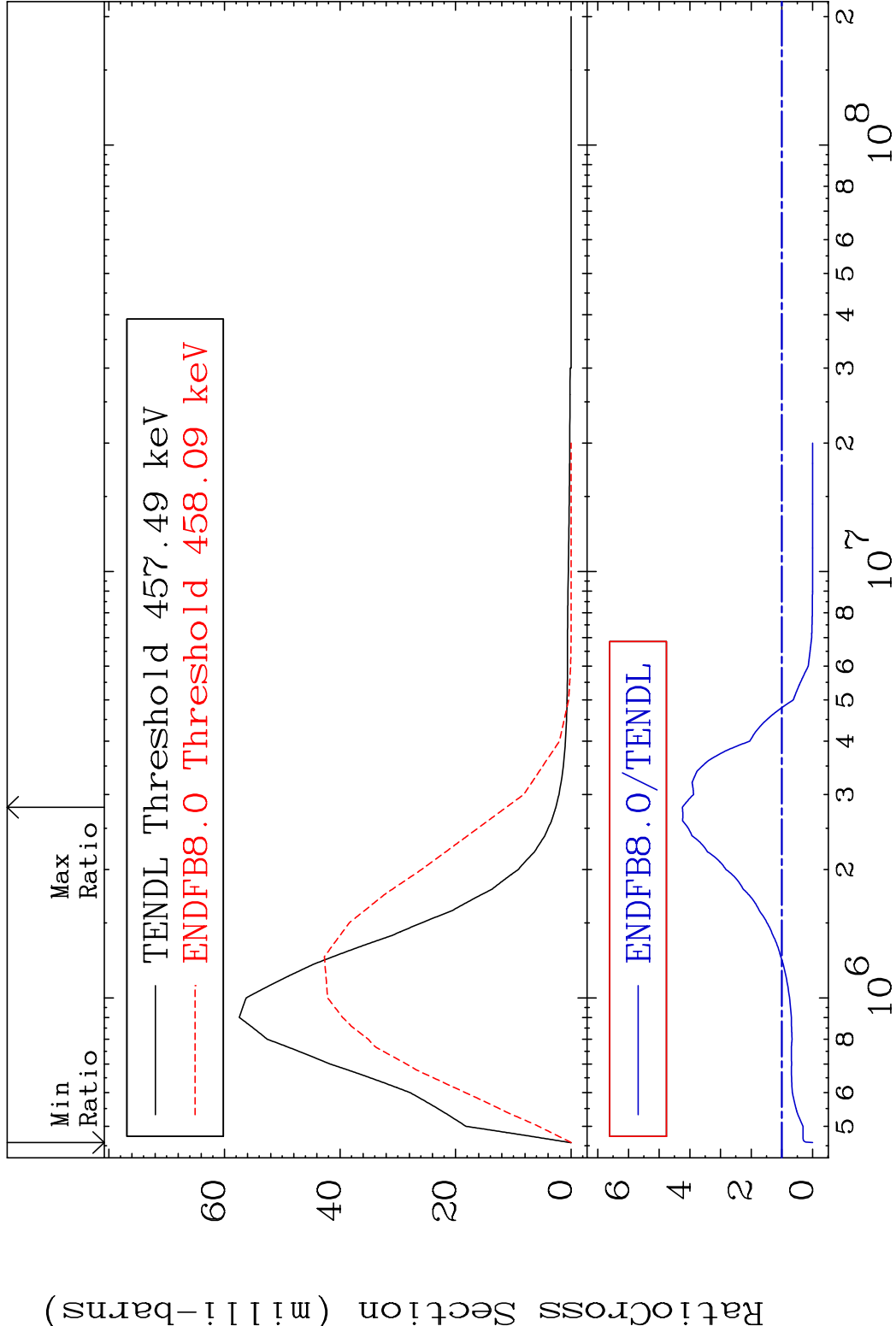
MAT 6525	MT= 57 (n, n') Level	65-Tb-159
	Cross Section	-100.0 To 885.8 %



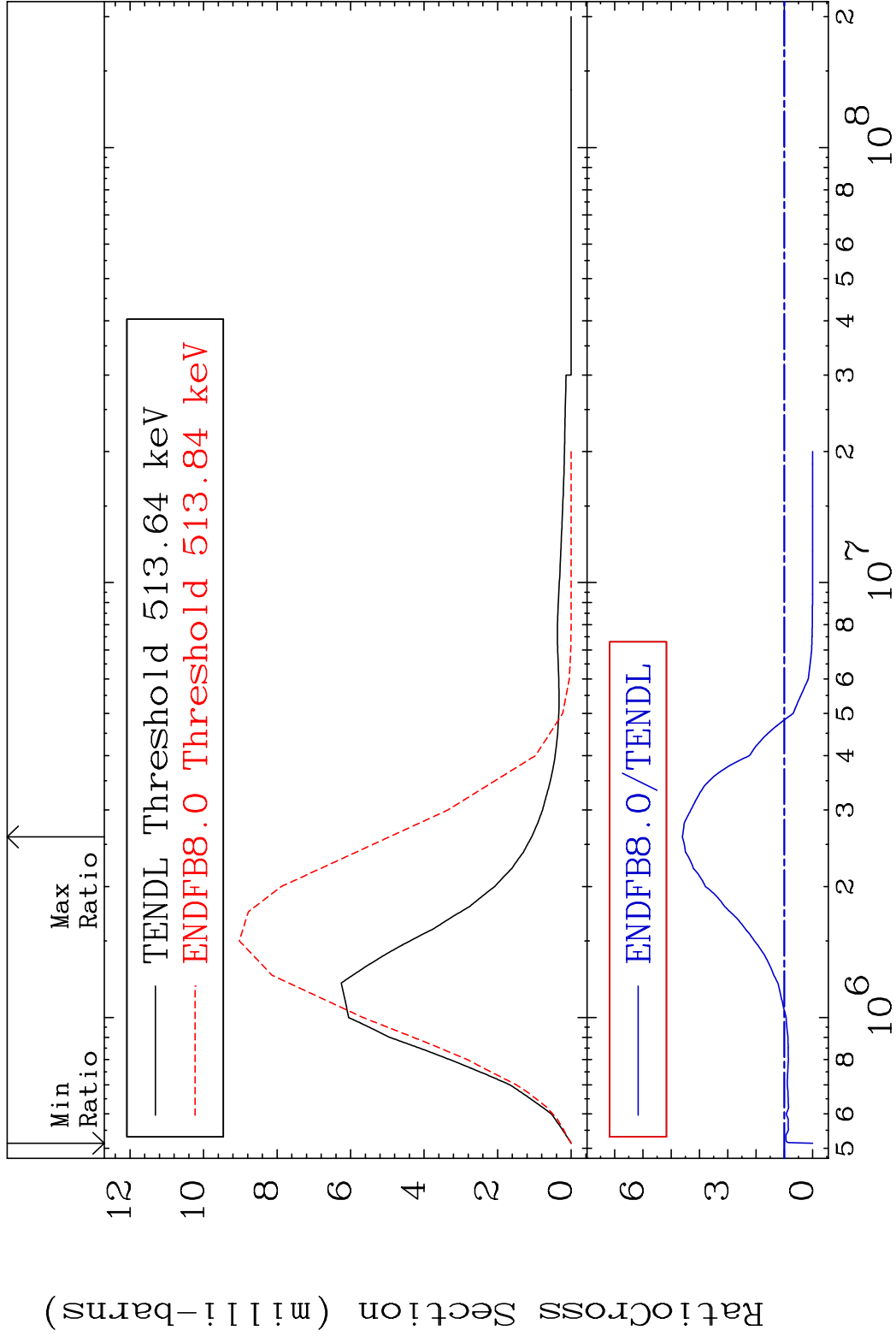
MAT 6525 MT= 58 (n,n') Level 65-Tb-159
Cross Section -100.0 To 574.3 %



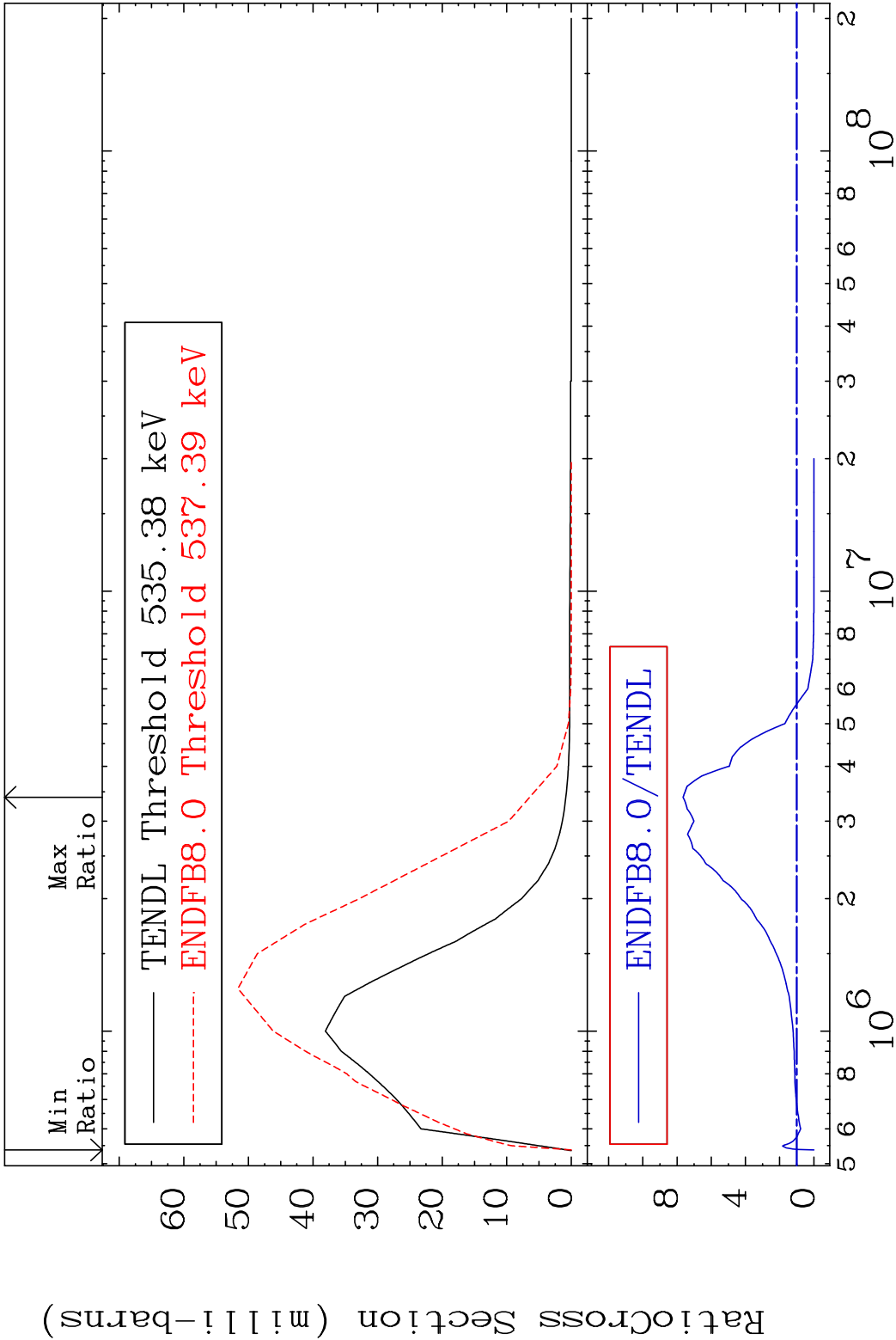
MAT 6525 MT= 59 (n,n') Level 65-Tb-159
Cross Section -100.0 To 324.4 %



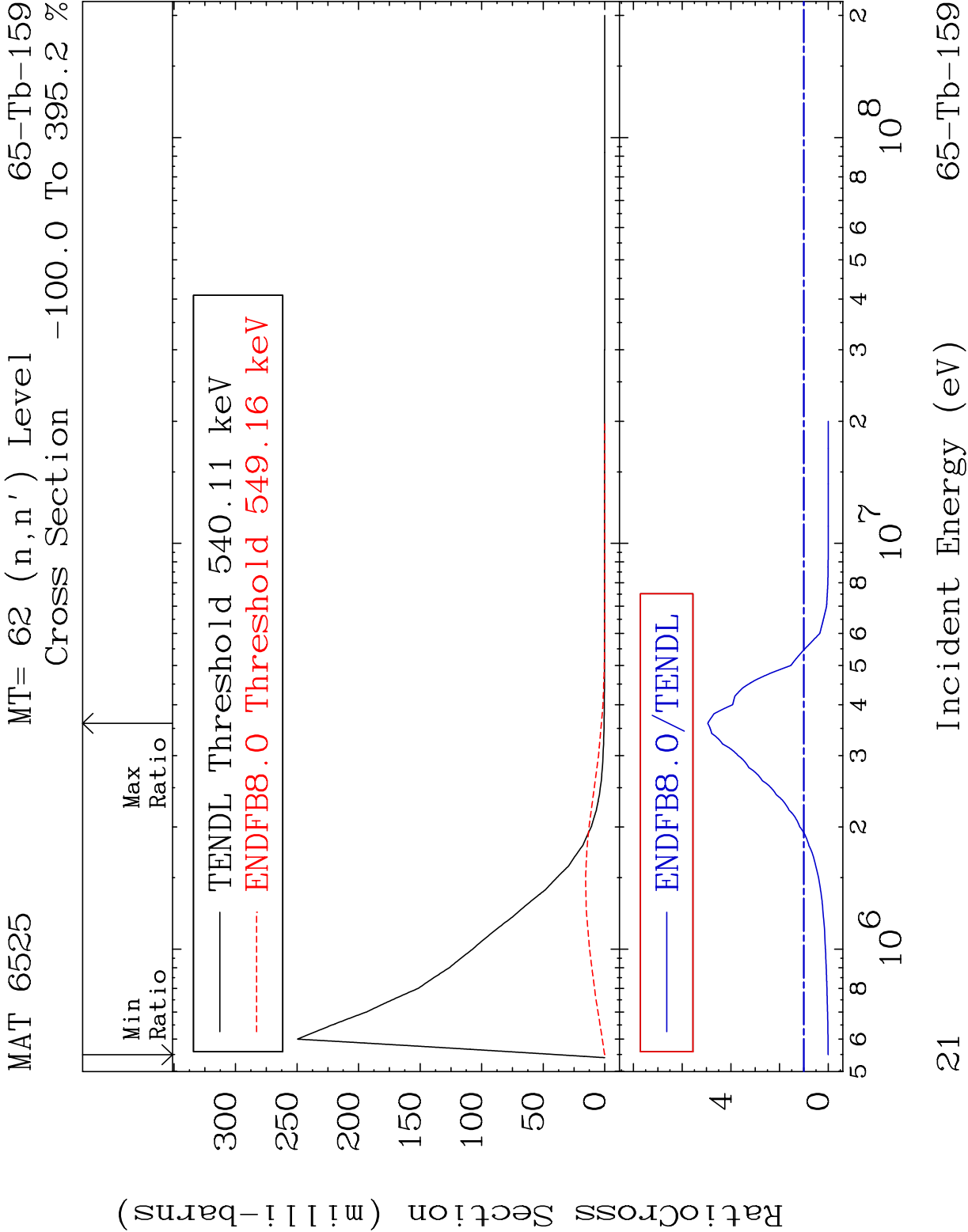
MAT 6525 MT= 60 (n,n') Level 65-Tb-159
Cross Section -100.0 To 360.7 %



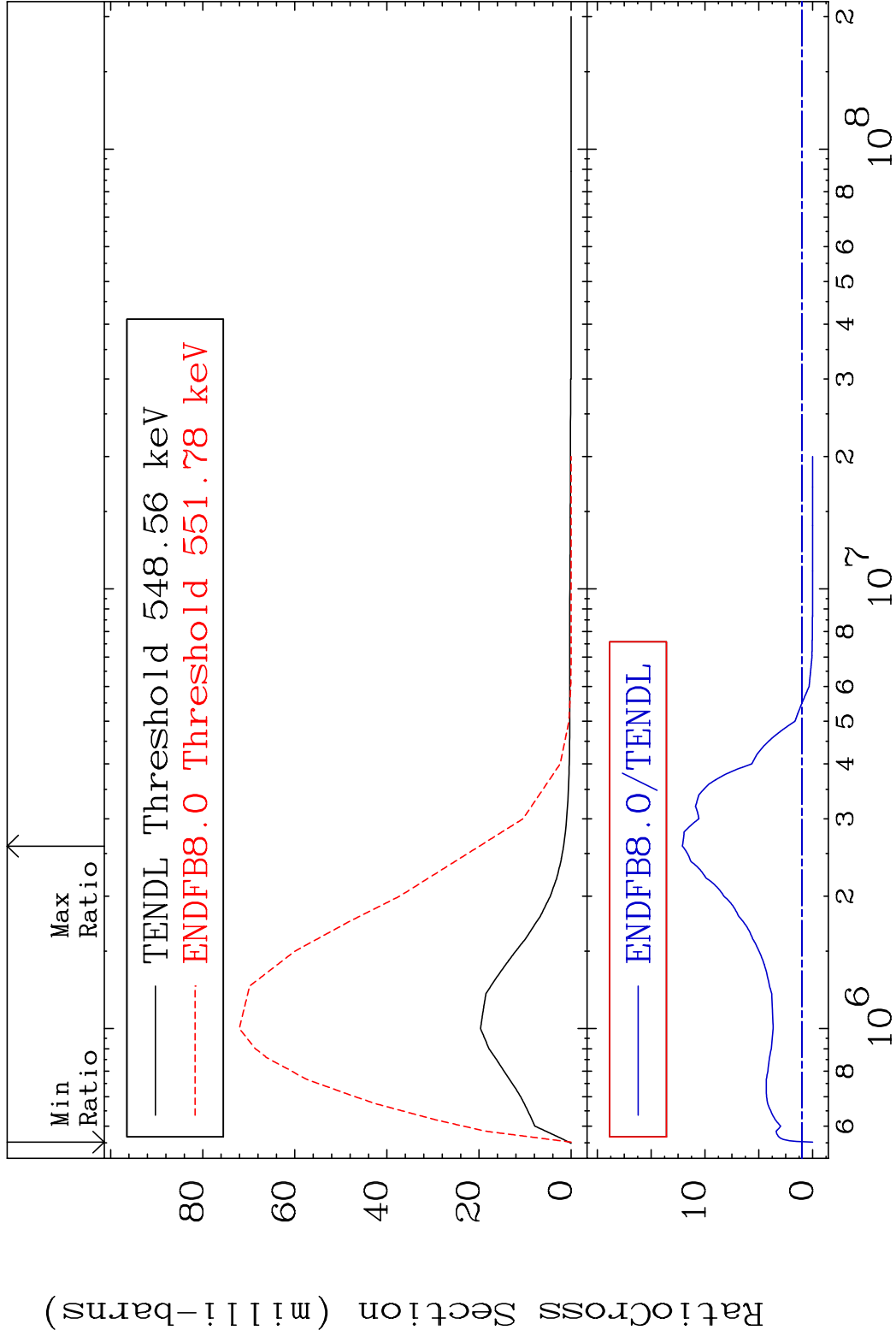
MAT 6525 MT= 61 (n,n') Level 65-Tb-159
Cross Section -100.0 To 664.8 %



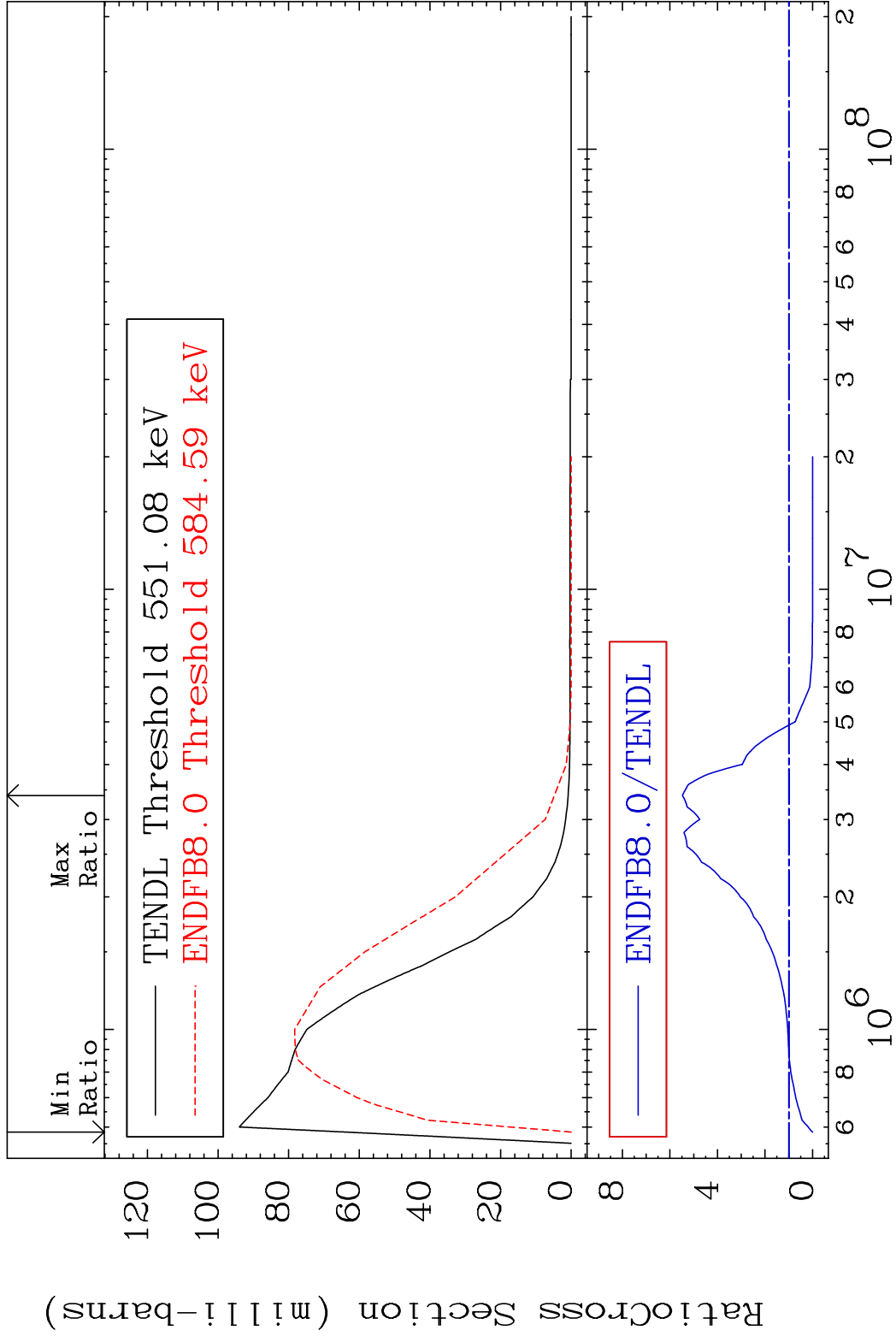
20 Incident Energy (eV) 65-Tb-159



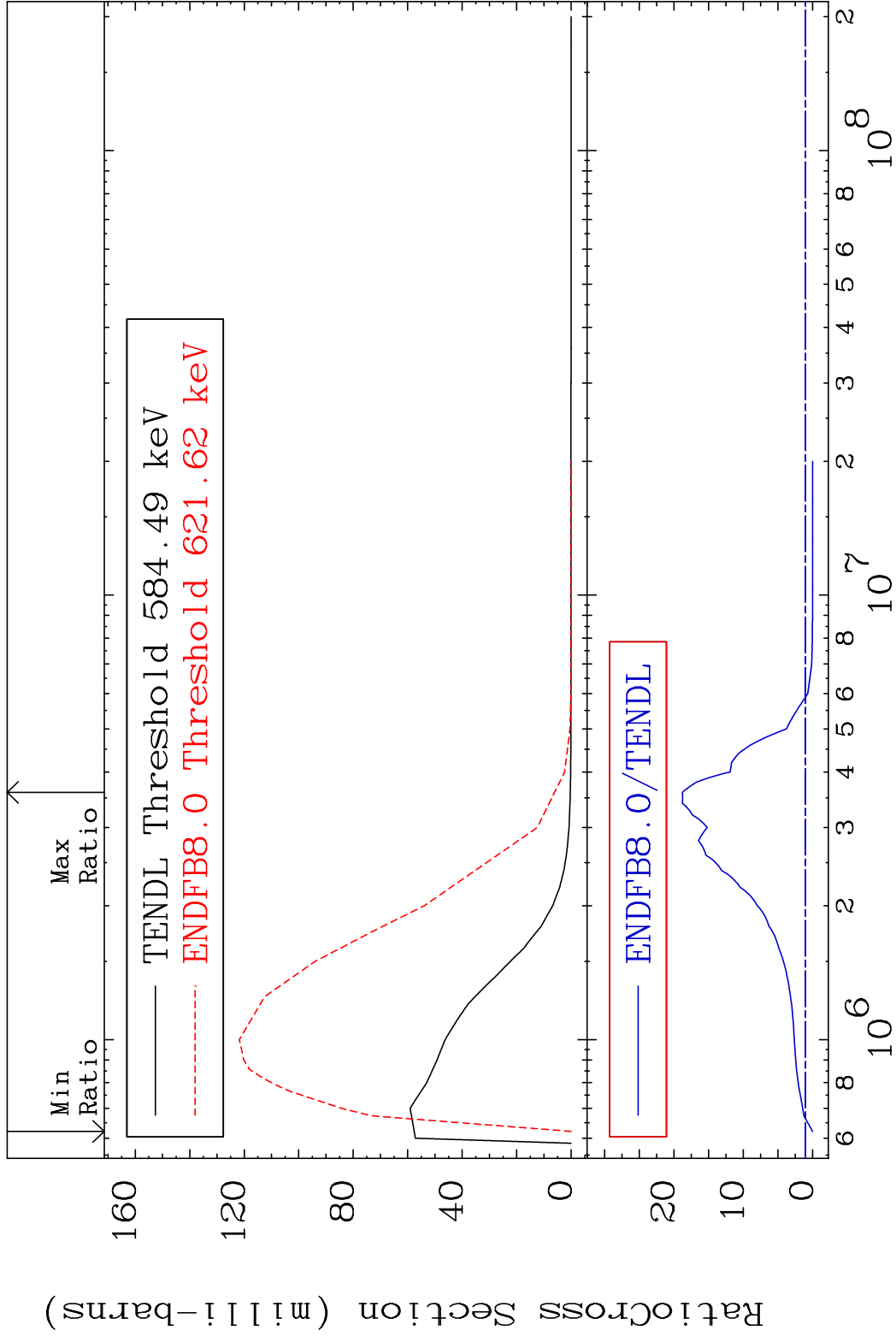
MAT 6525 MT= 63 (n,n') Level 65-Tb-159
Cross Section -100.0 To 1110. %



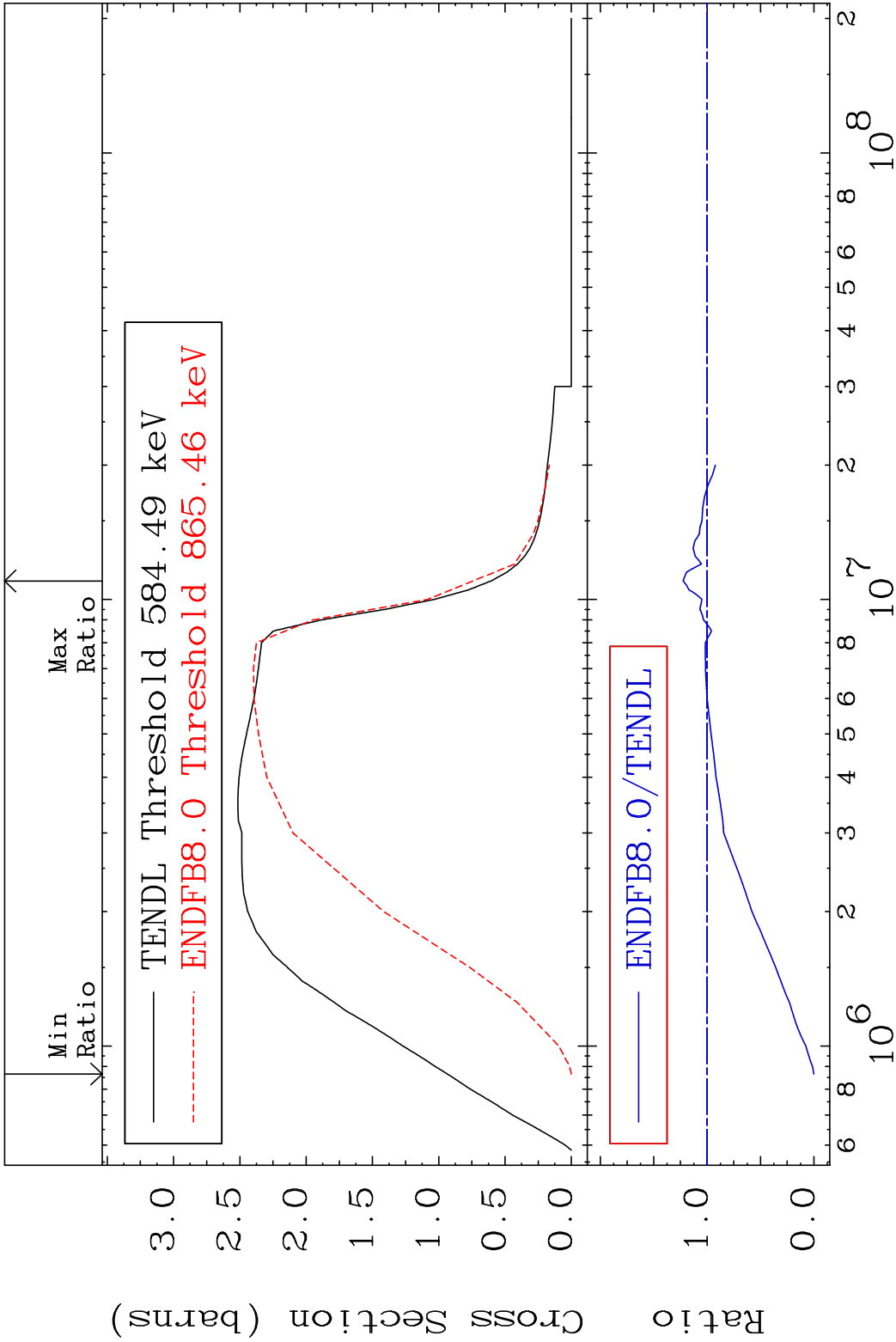
MAT 6525 MT= 64 (n,n') Level 65-Tb-159
Cross Section -100.0 To 447.8 %

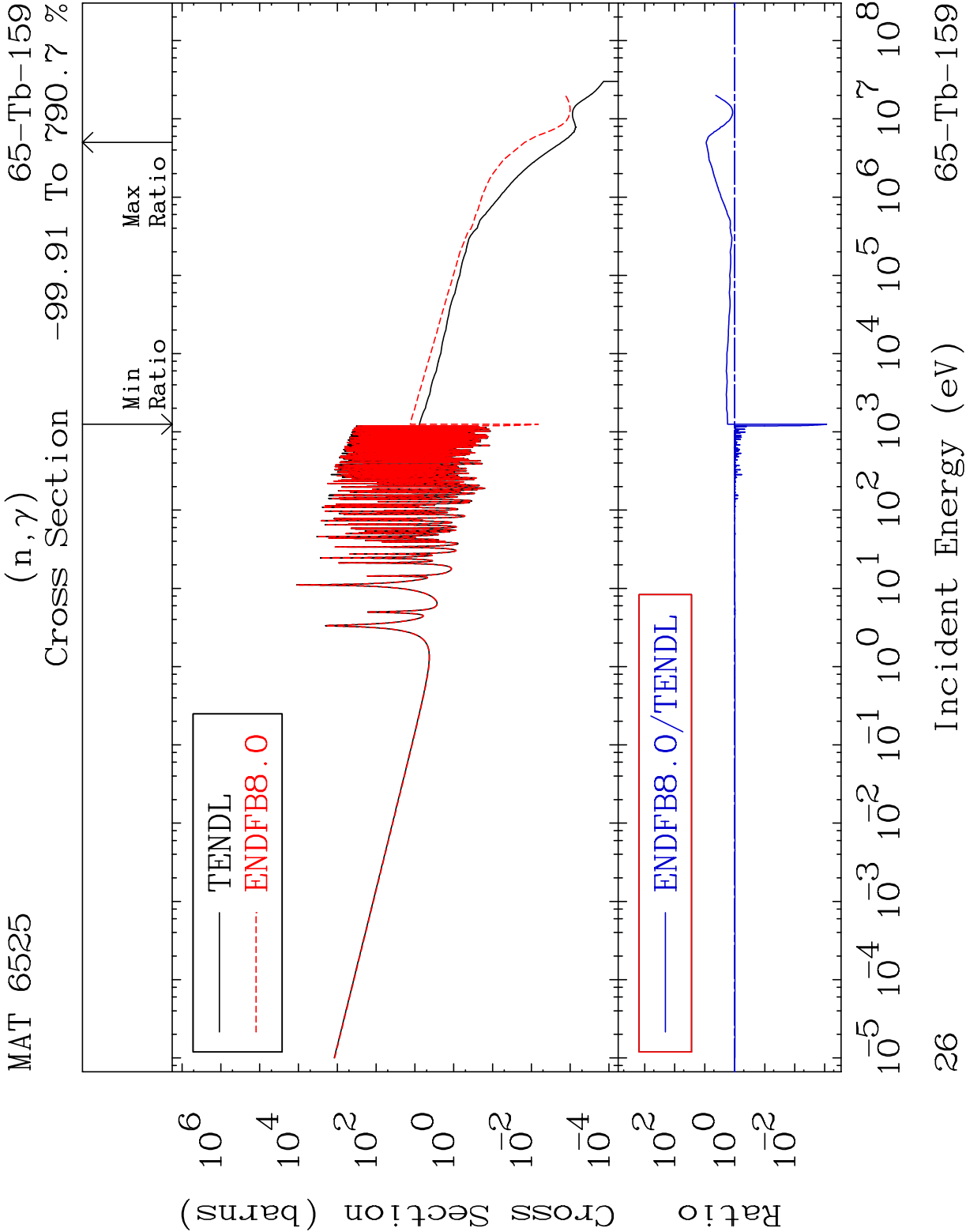


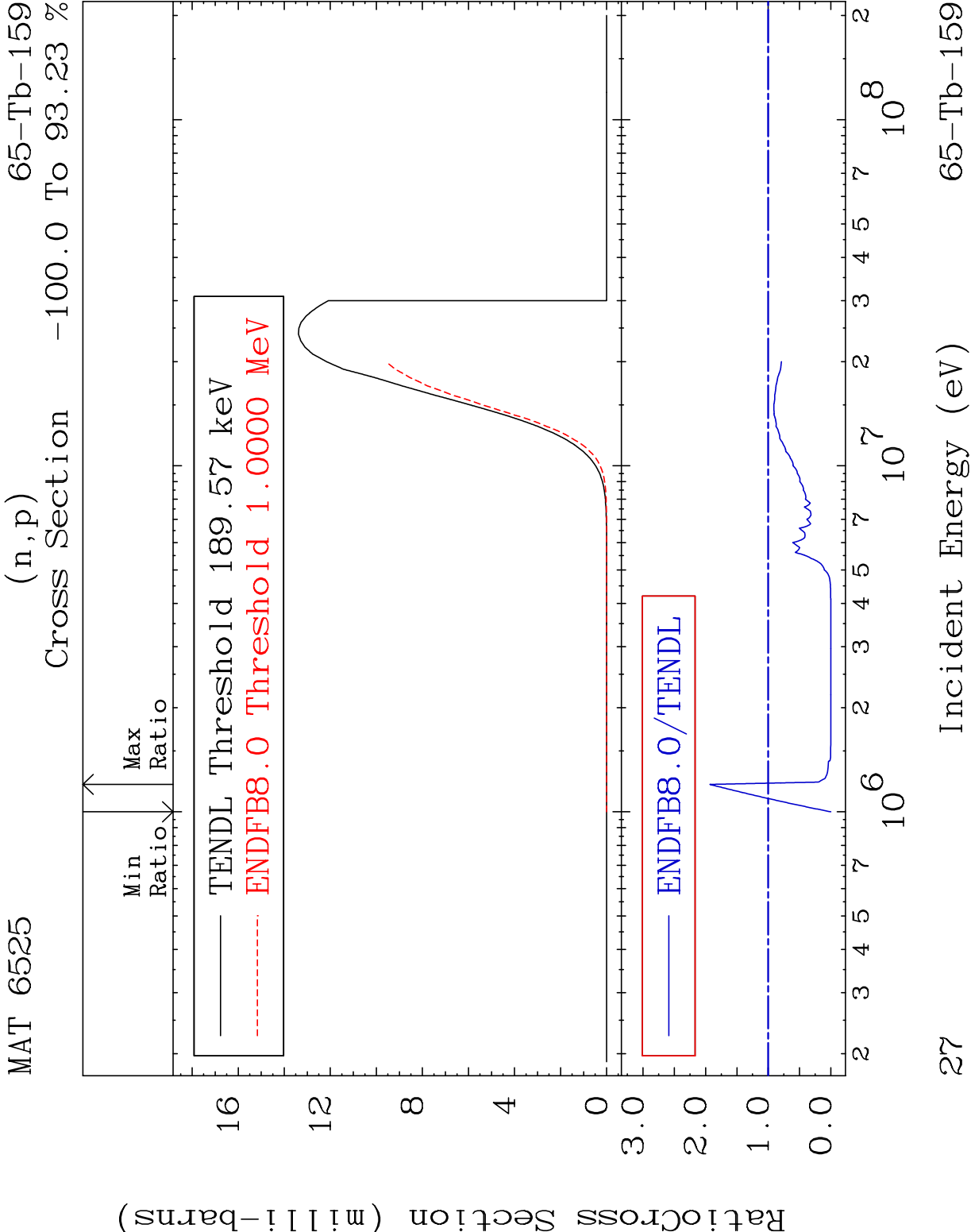
MAT 6525 MT= 65 (n,n') Level 65-Tb-159
Cross Section -100.0 To 1778. %

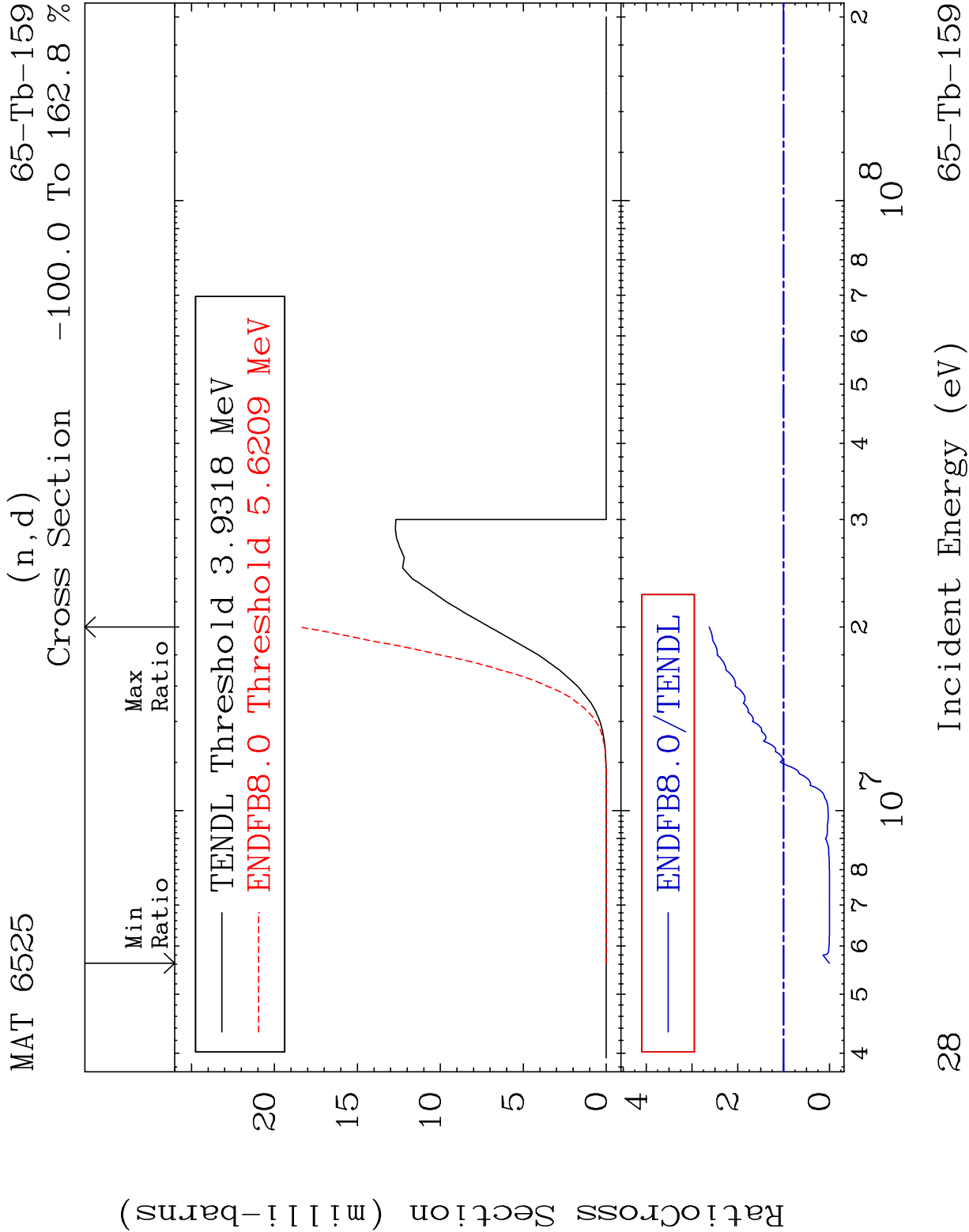


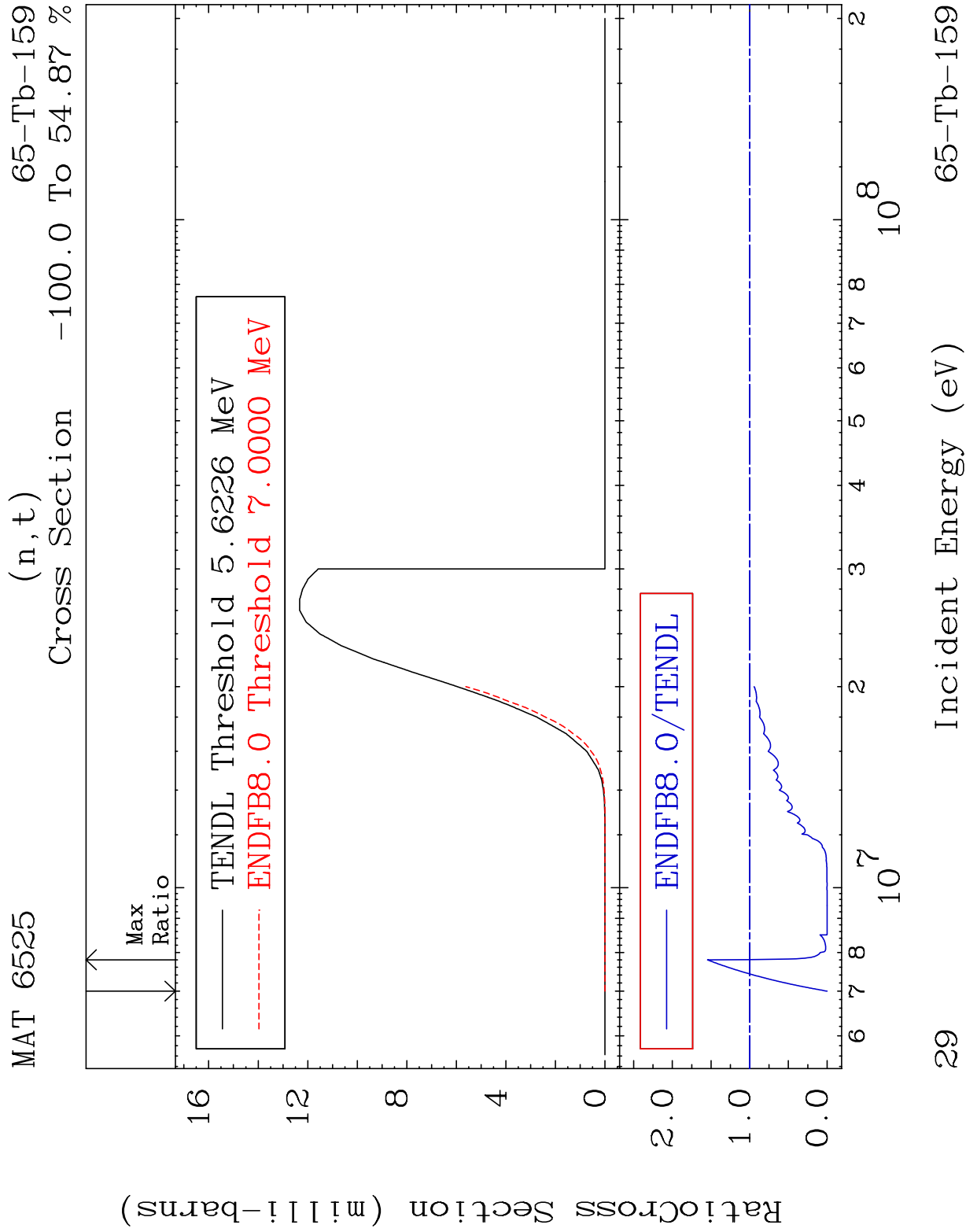
MAT 6525 (n,n') Continuum 65-Tb-159
Cross Section -100.0 To 22.56 %

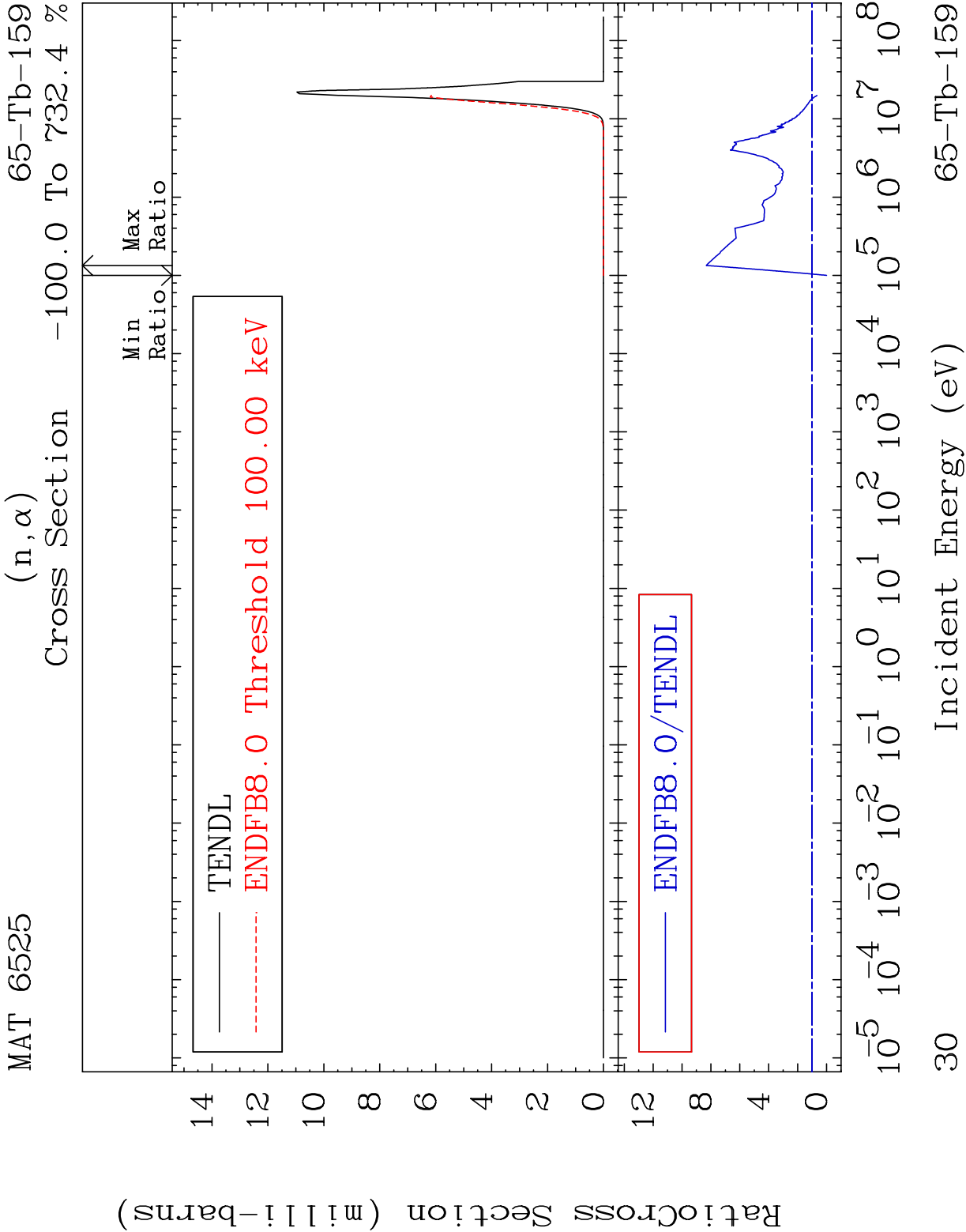


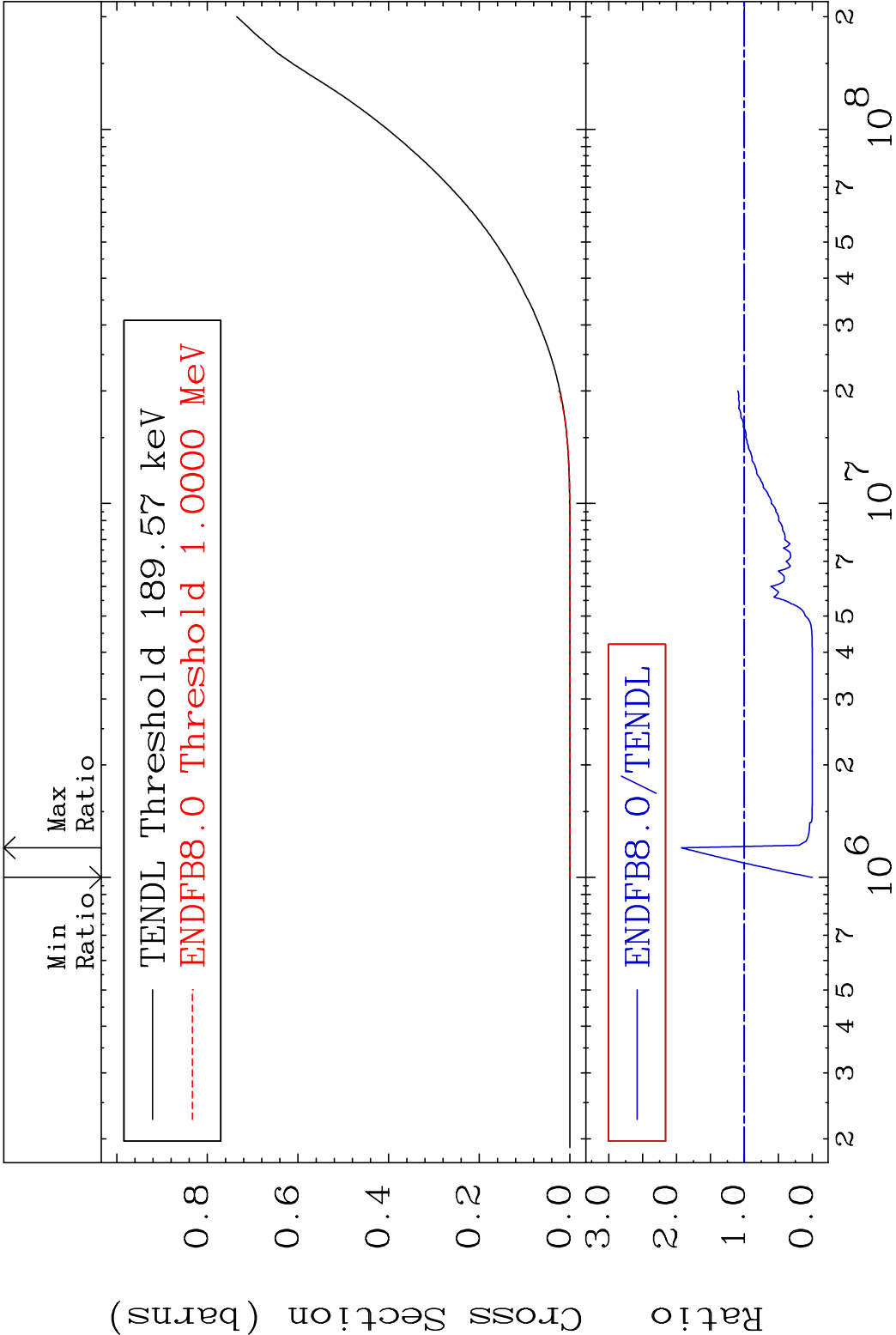


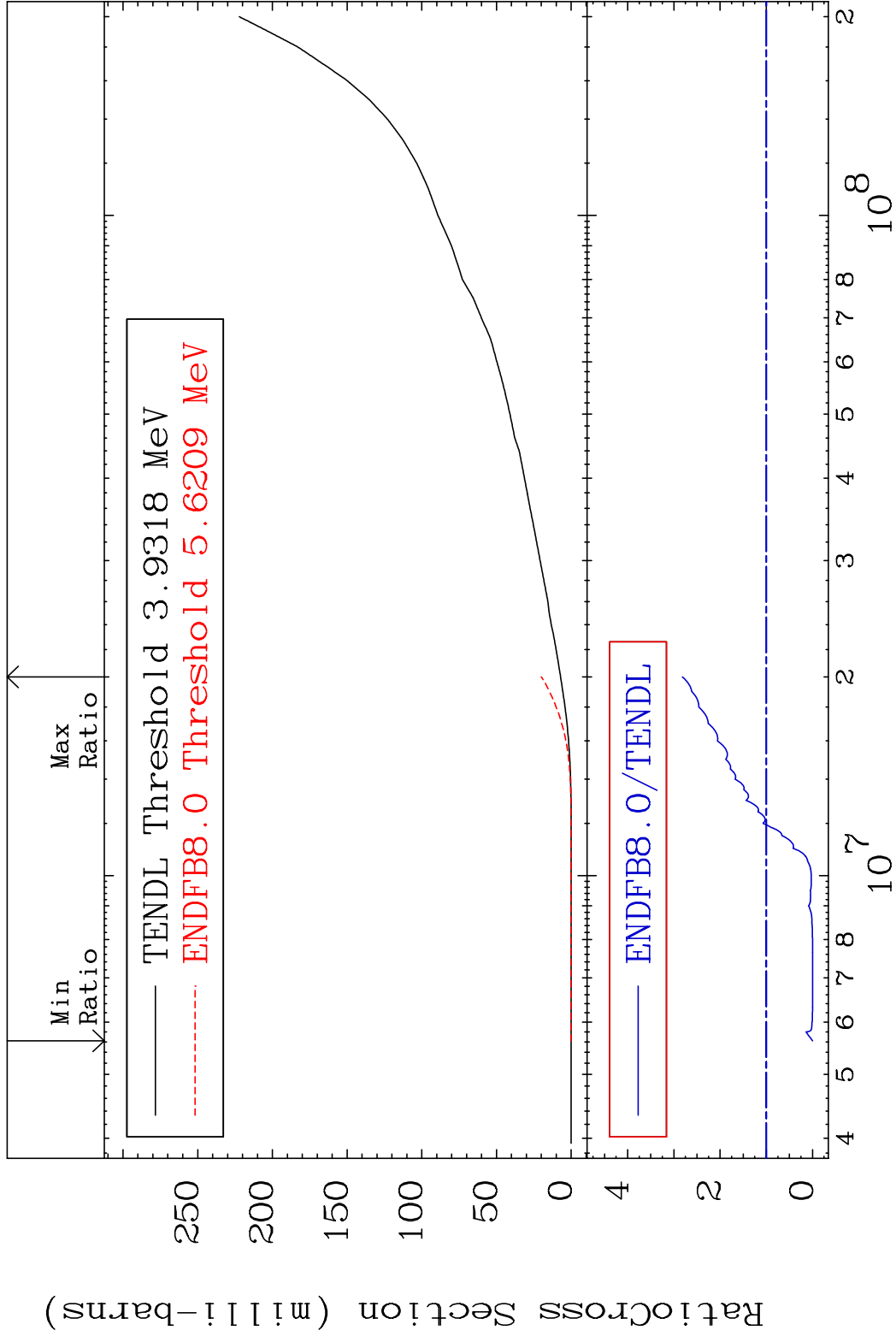




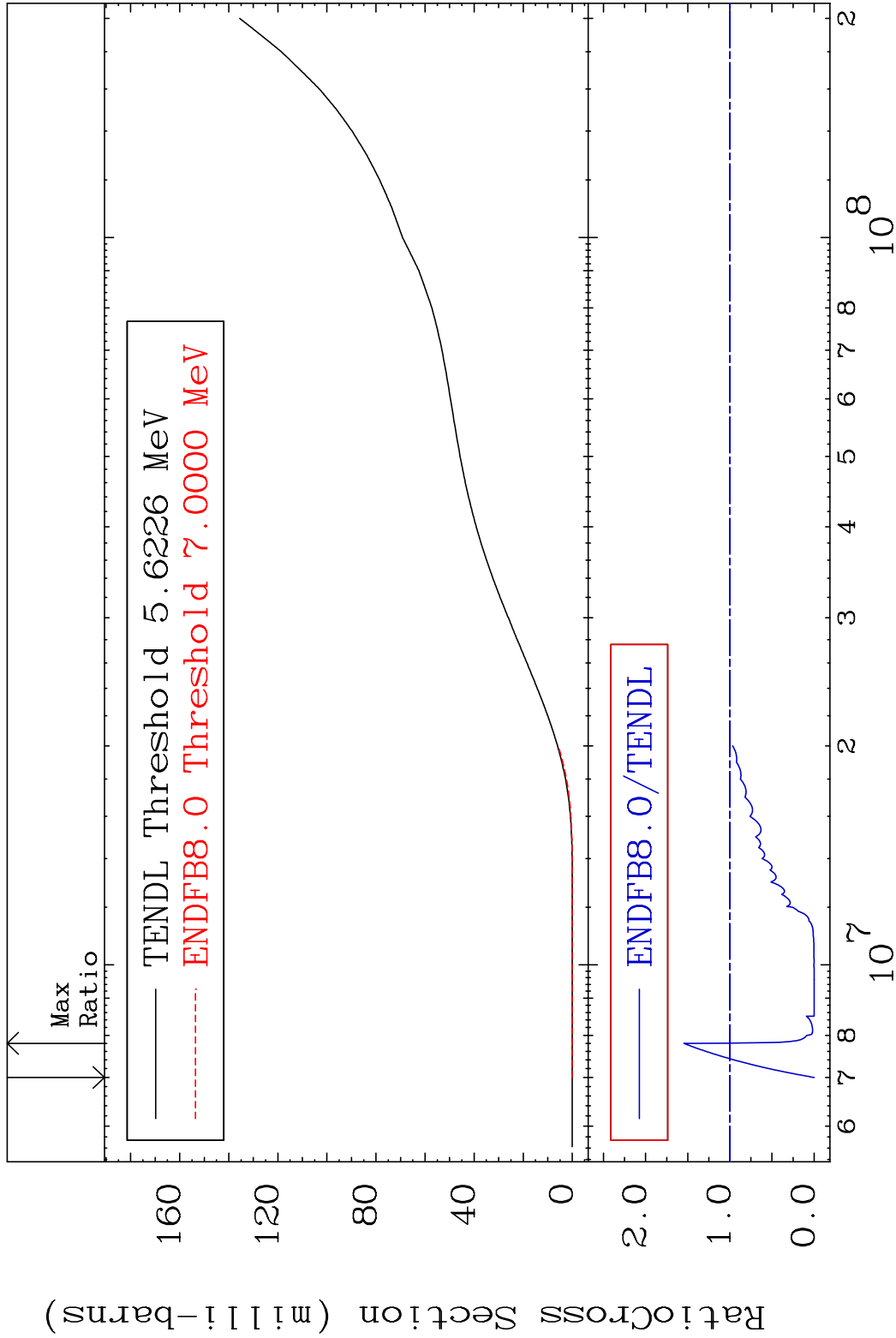




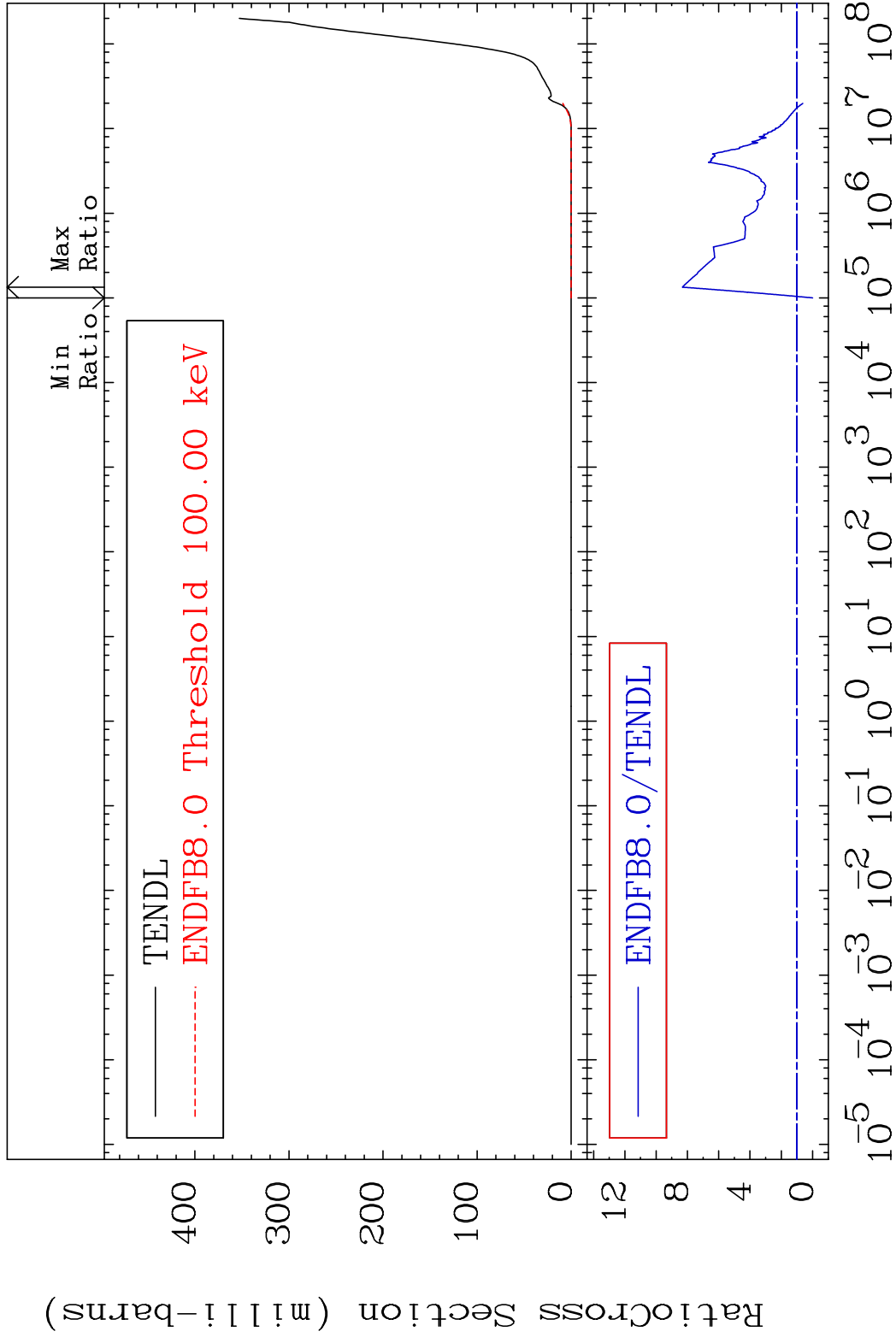




MAT 6525 Tritium Production 65-Tb-159
 Cross Section -100.0 To 54.87 %

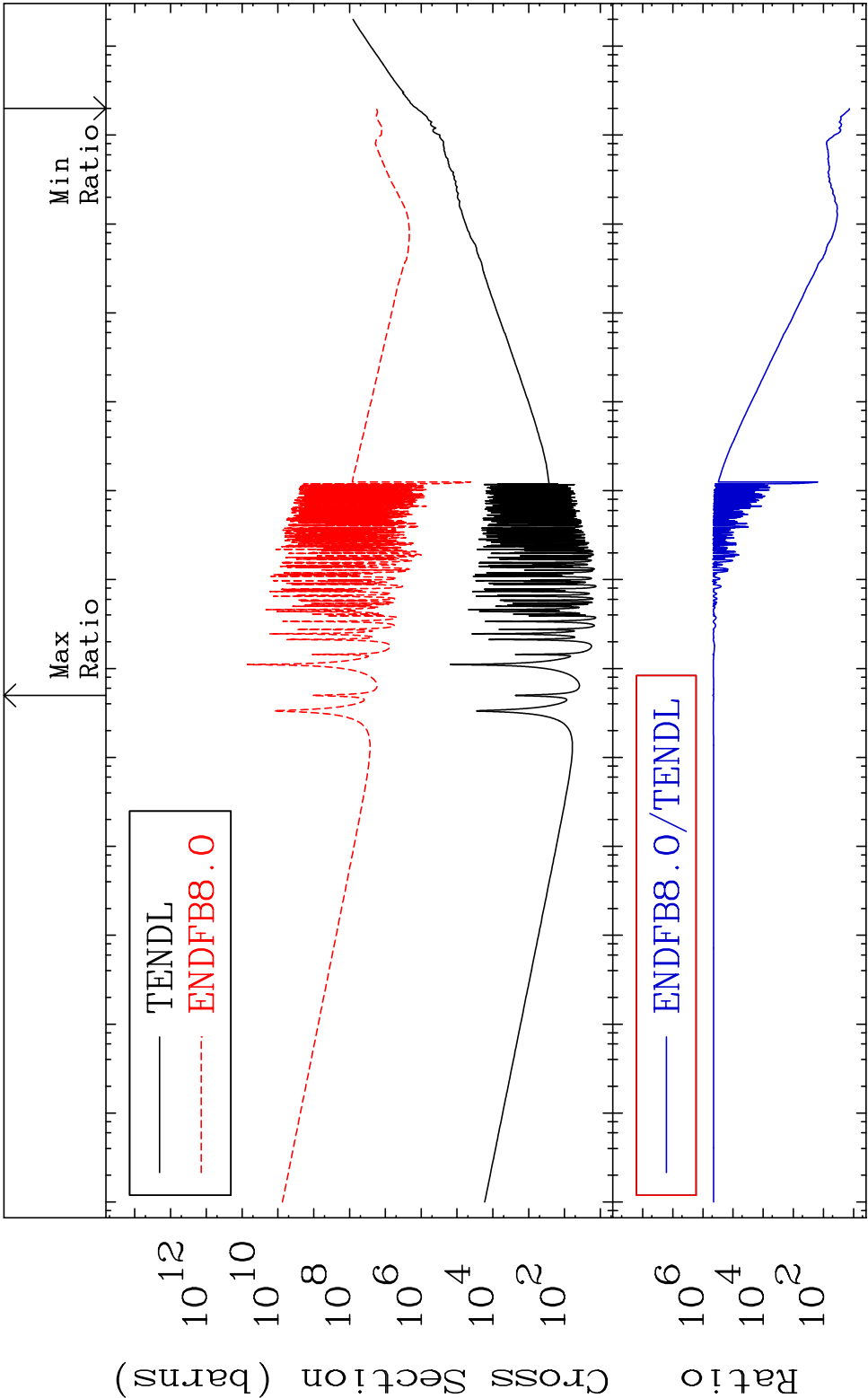


MAT 6525 He-4 Production 65-Tb-159
Cross Section -100.0 To 732.4 %



34 Incident Energy (eV) 65-Tb-159

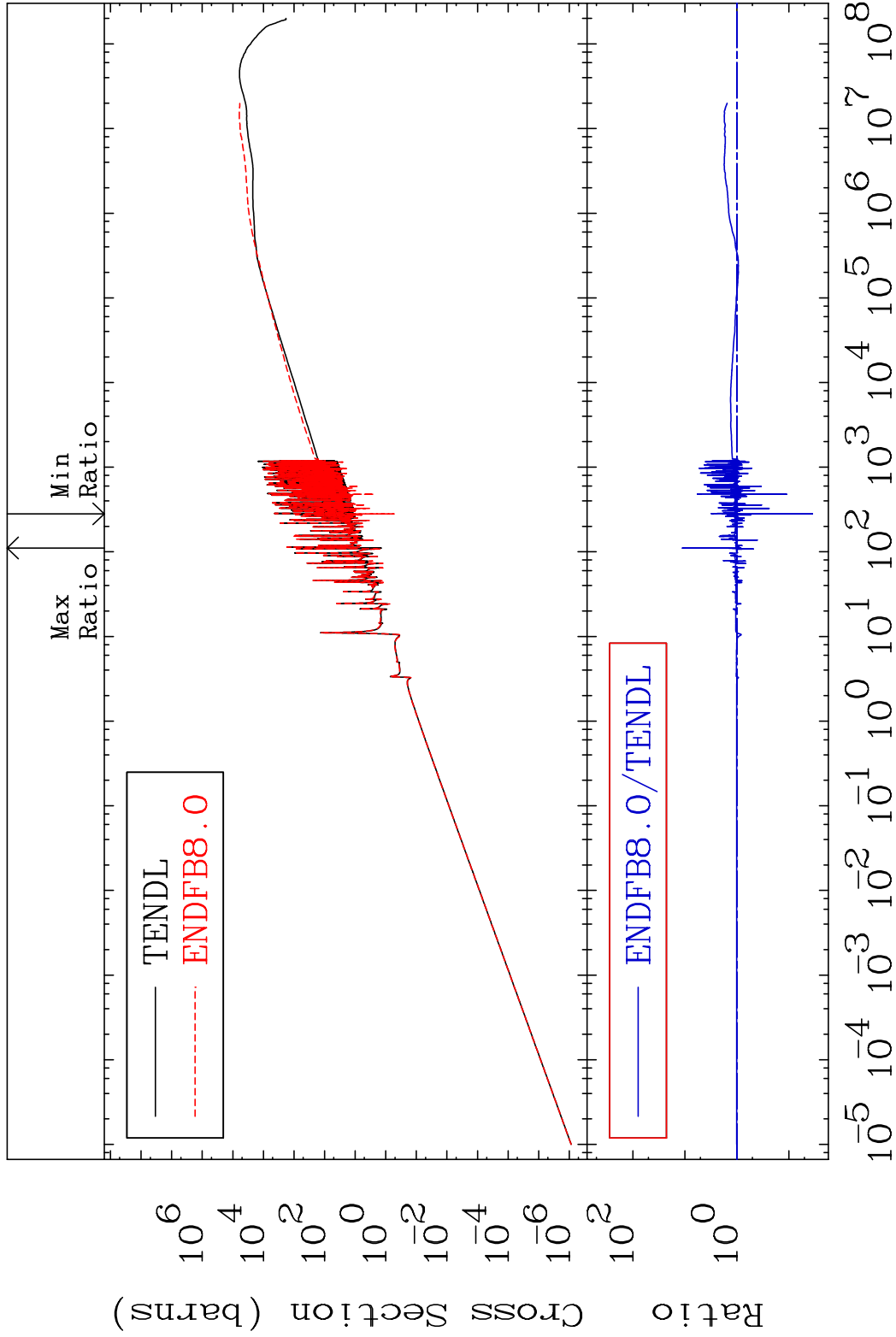
MAT 6525 Kerma total (eV-barns) 65-Tb-159
Cross Section 1260. To 9999. %



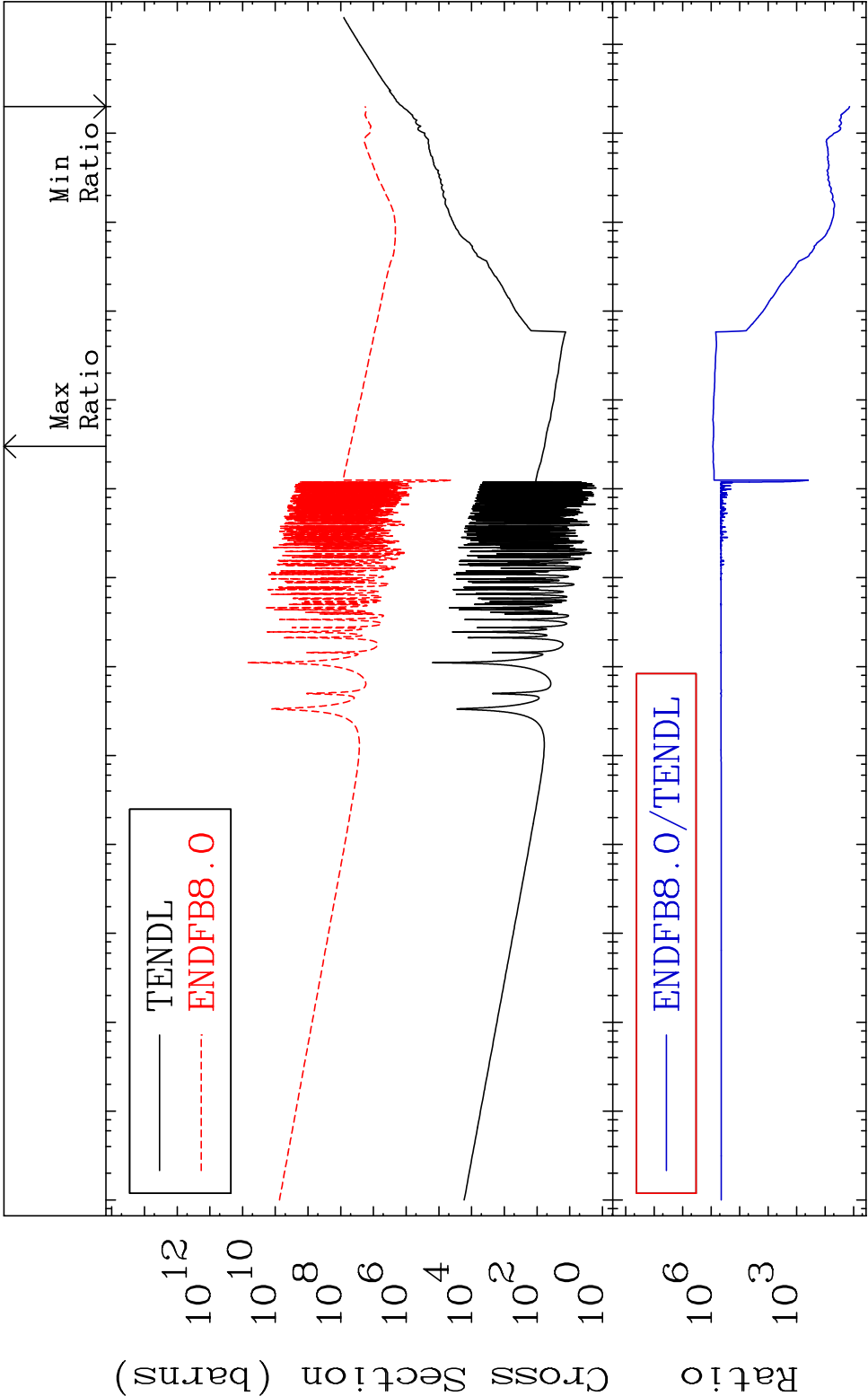
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

35 Incident Energy (eV) 65-Tb-159

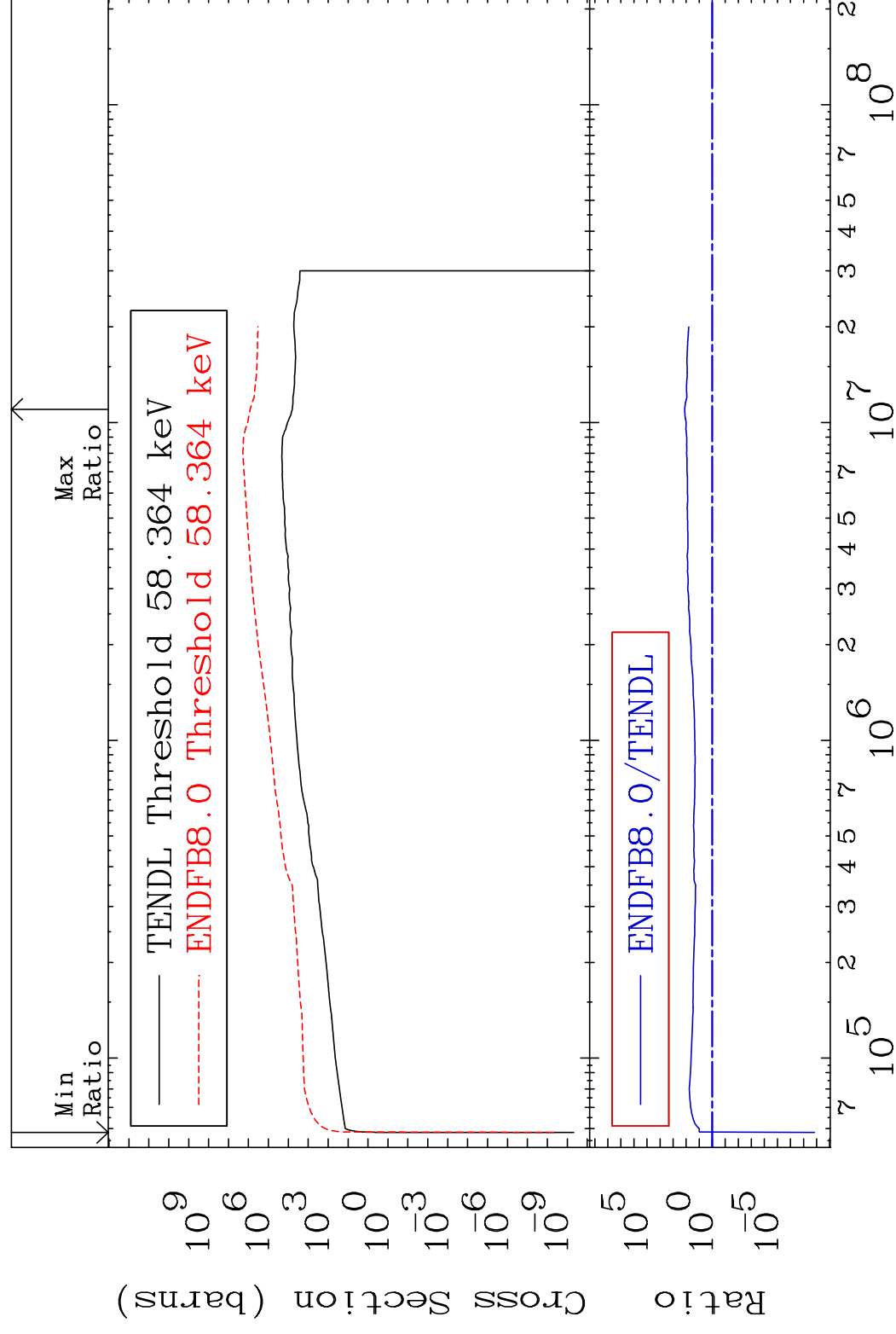
MAT 6525 Kerma elastic 65-Tb-159
Cross Section -96.50 To 1016. %



36 Incident Energy (eV) 65-Tb-159



MAT 6525	Kerma inelastic (mt51-91)	65-Tb-159
	Cross Section	-100.0 To 9999. %



— TENDL Threshold 58.364 keV
 --- ENDFB8.0 Threshold 58.364 keV

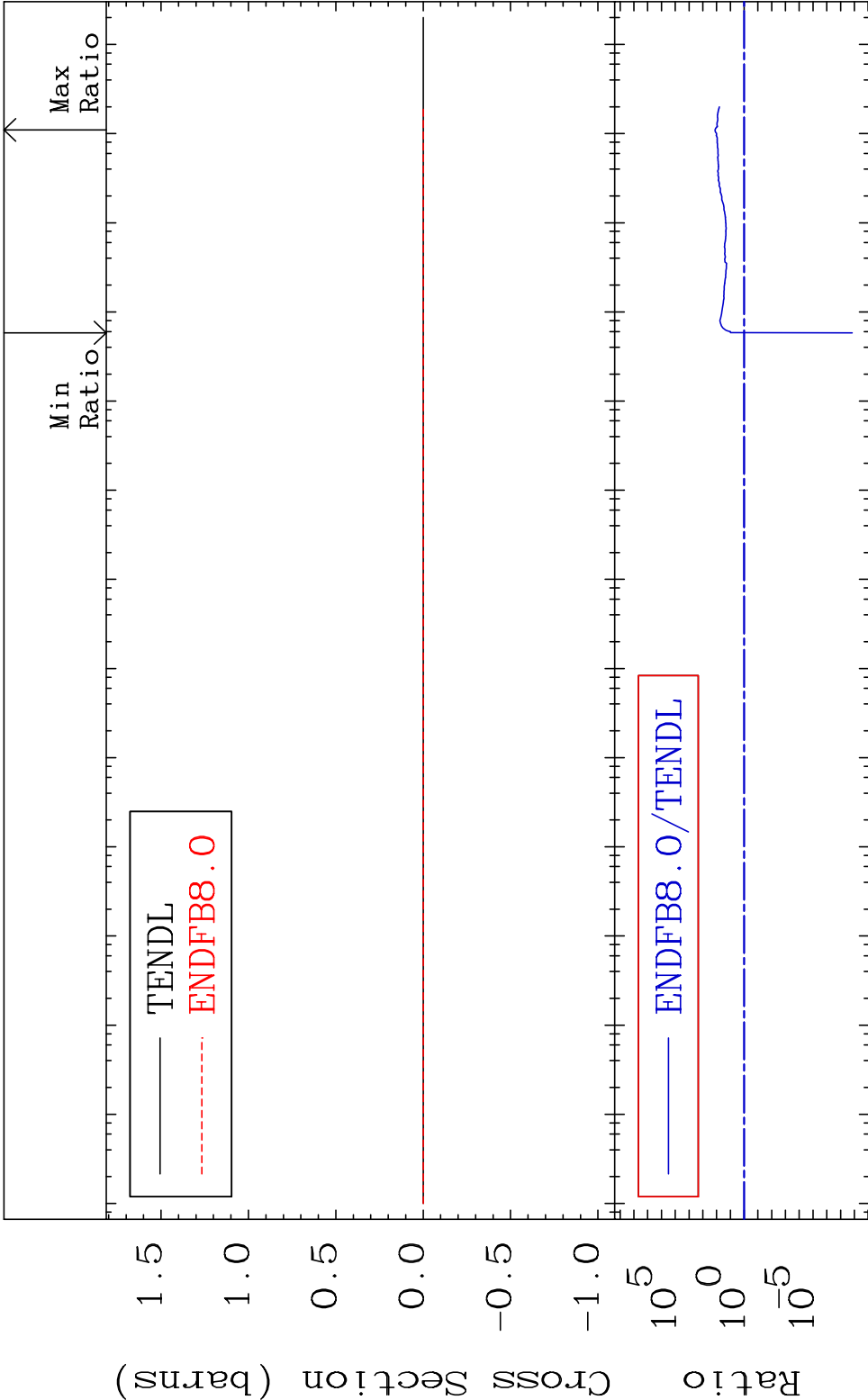
ENDFB8.0/TENDL

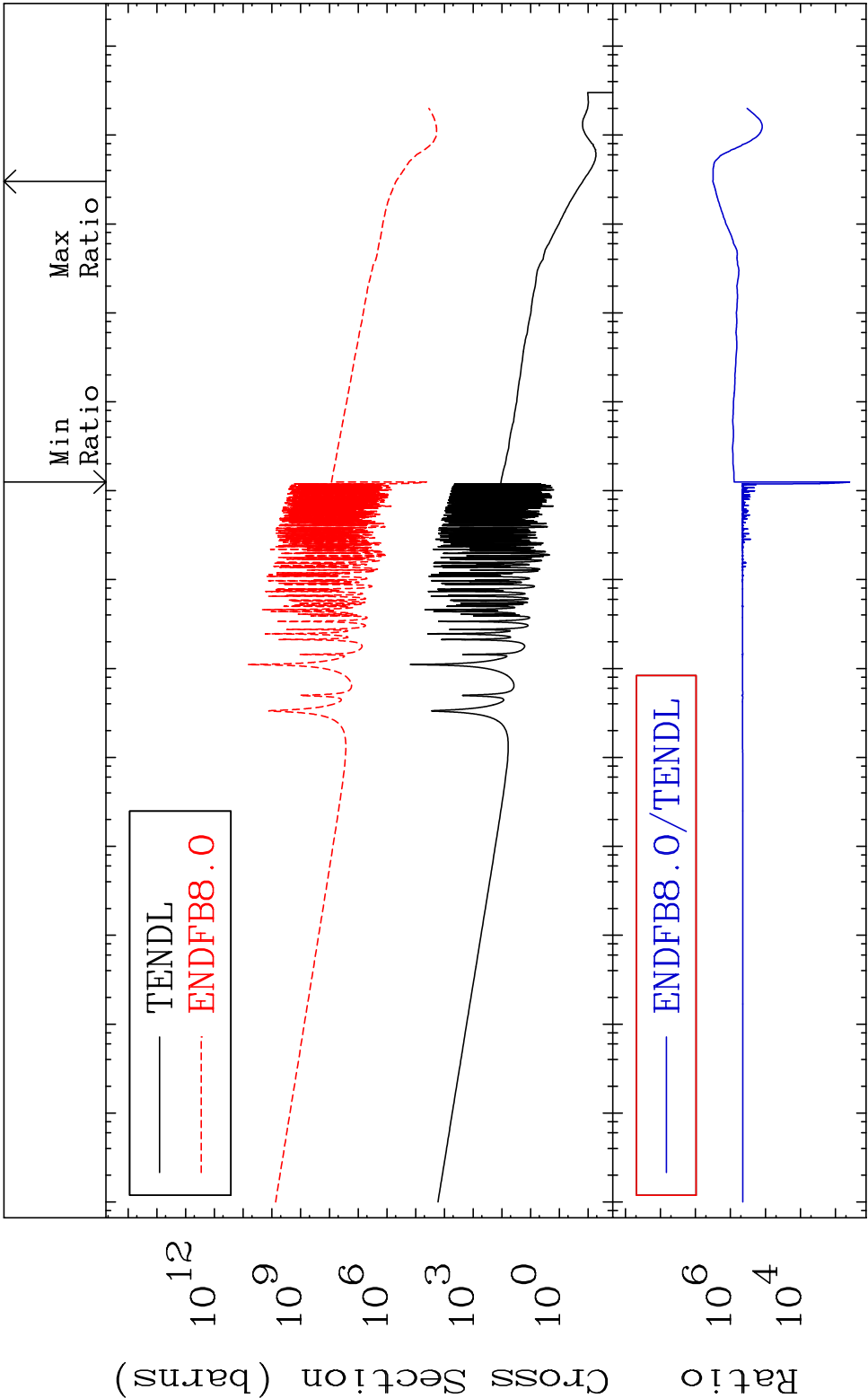
33

Incident Energy (eV)

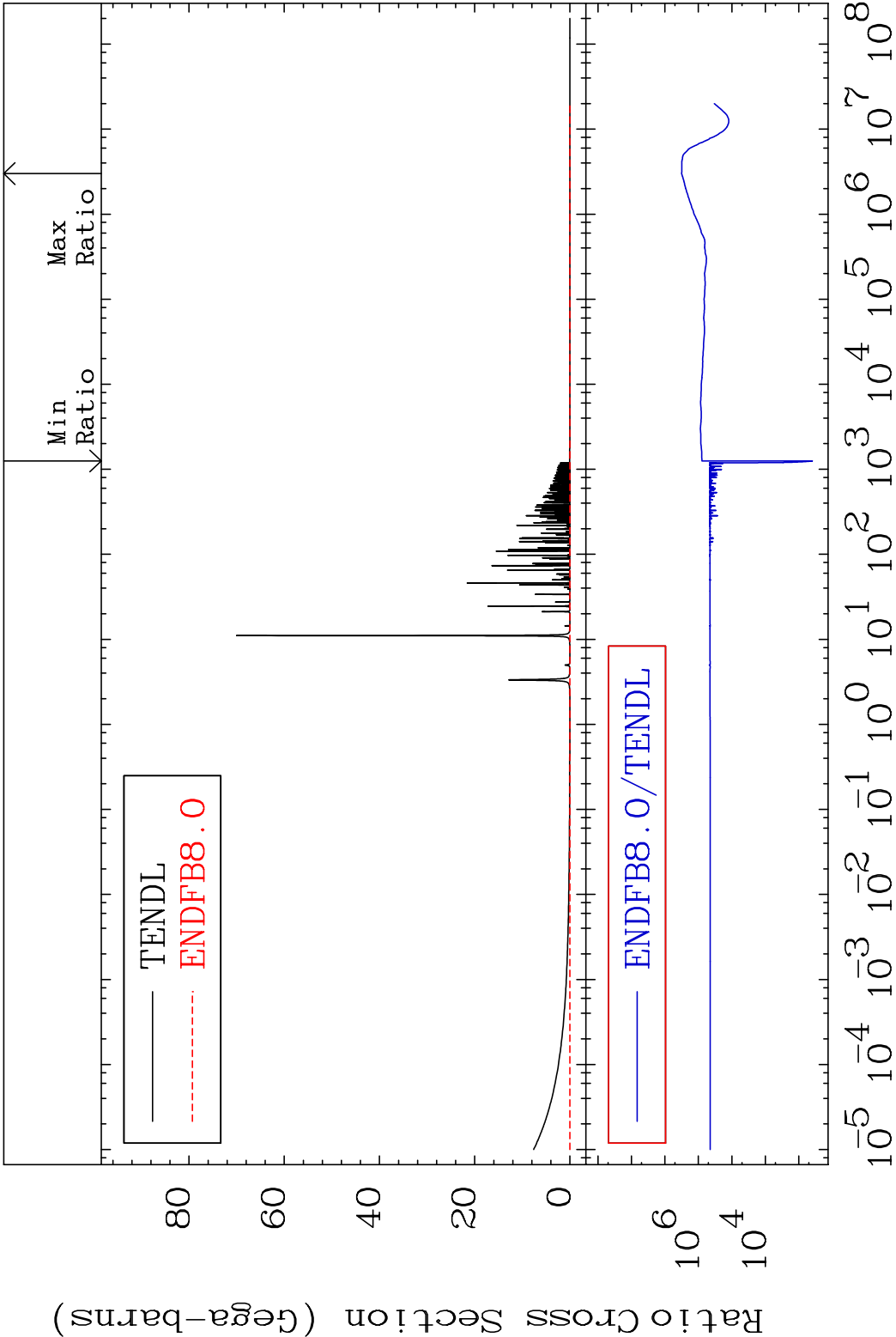
65-Tb-159

MAT 6525 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-159
Cross Section -100.0 To 9999. %

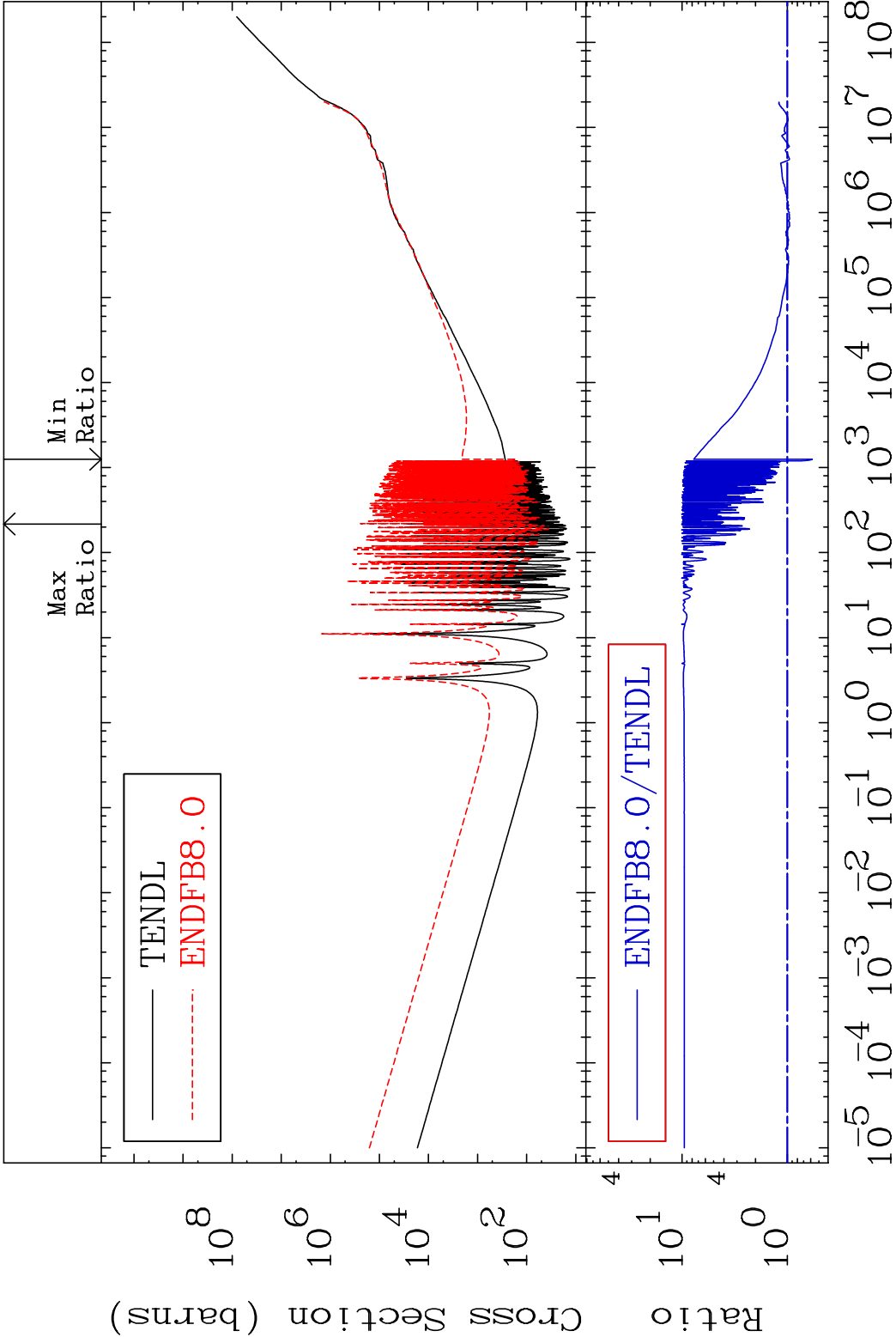




MAT 6525 Total photon (eV-barns) 65-Tb-159
Cross Section 9999. To 9999. %

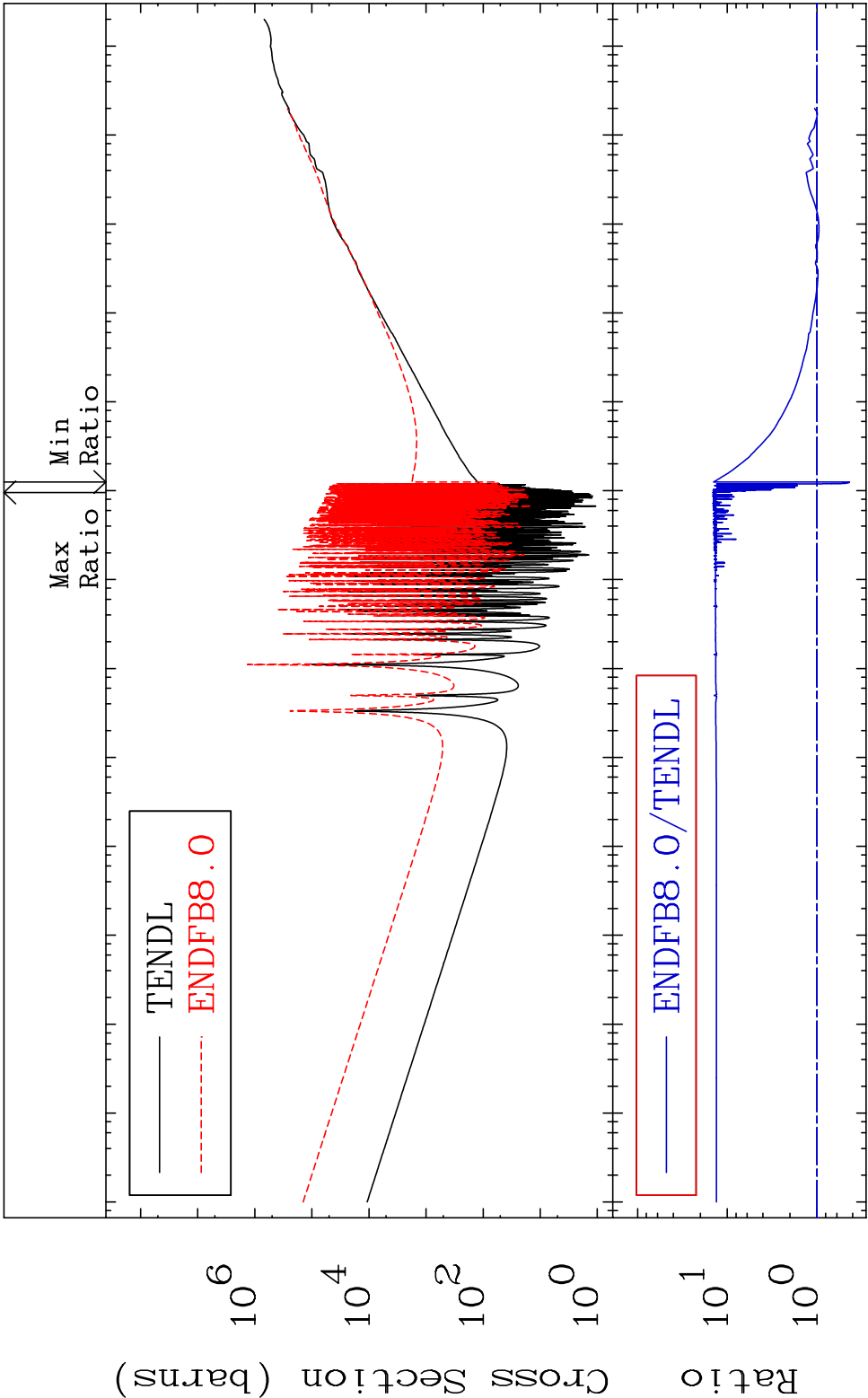


MAT 6525 Total kinematic kerma (high limit) 65-Tb-159
Cross Section -42.13 To 909.6 %



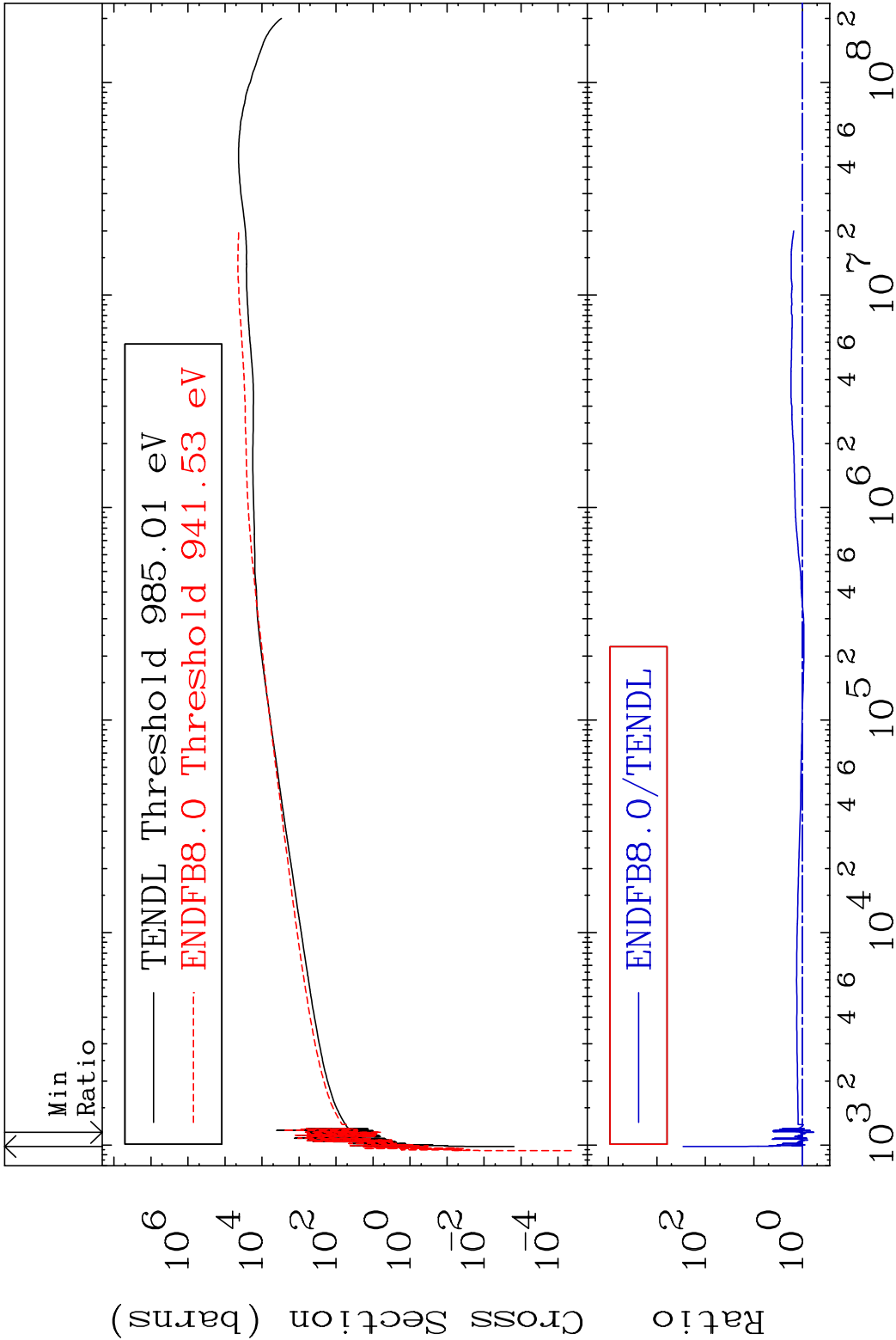
42 Incident Energy (eV) 65-Tb-159

MAT 6525 Dpa total (eV-barns) 65-Tb-159
Cross Section -56.73 To 1350. %



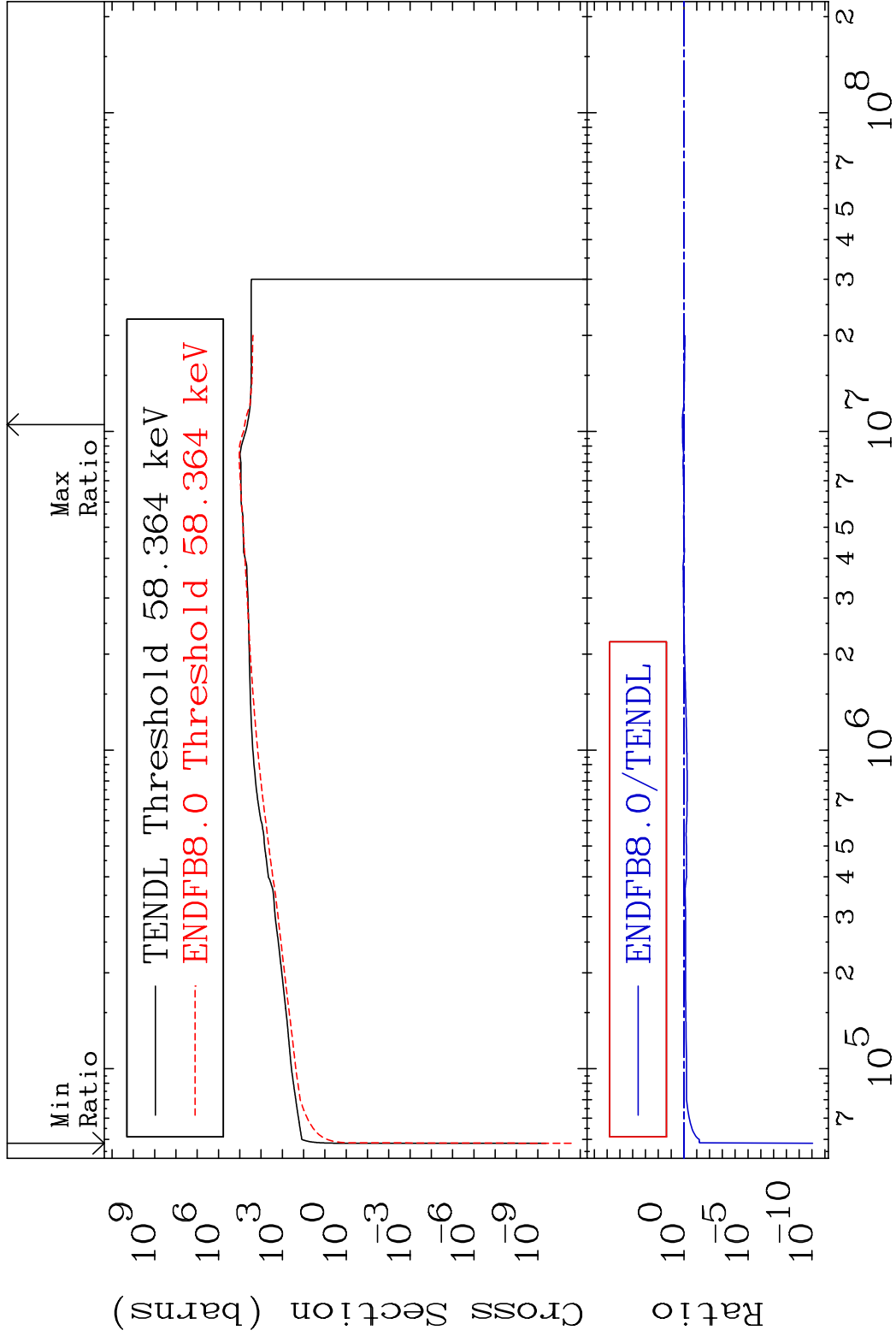
43 Incident Energy (eV) 65-Tb-159

MAT 6525	Dpa elastic (mt2)	65-Tb-159
	Cross Section	-41.71 To 9999. %



44	Incident Energy (eV)	65-Tb-159
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MAT 6525 Dpa inelastic (mt51-91) 65-Tb-159
Cross Section -100.0 To 32.39 %



45 Incident Energy (eV) 65-Tb-159

MAT 6525 Dpa disappearance (mt102 -120) 65-Tb-159
Cross Section -98.75 To 9999. %

