

Program Complot
(Version 2021-1)

by

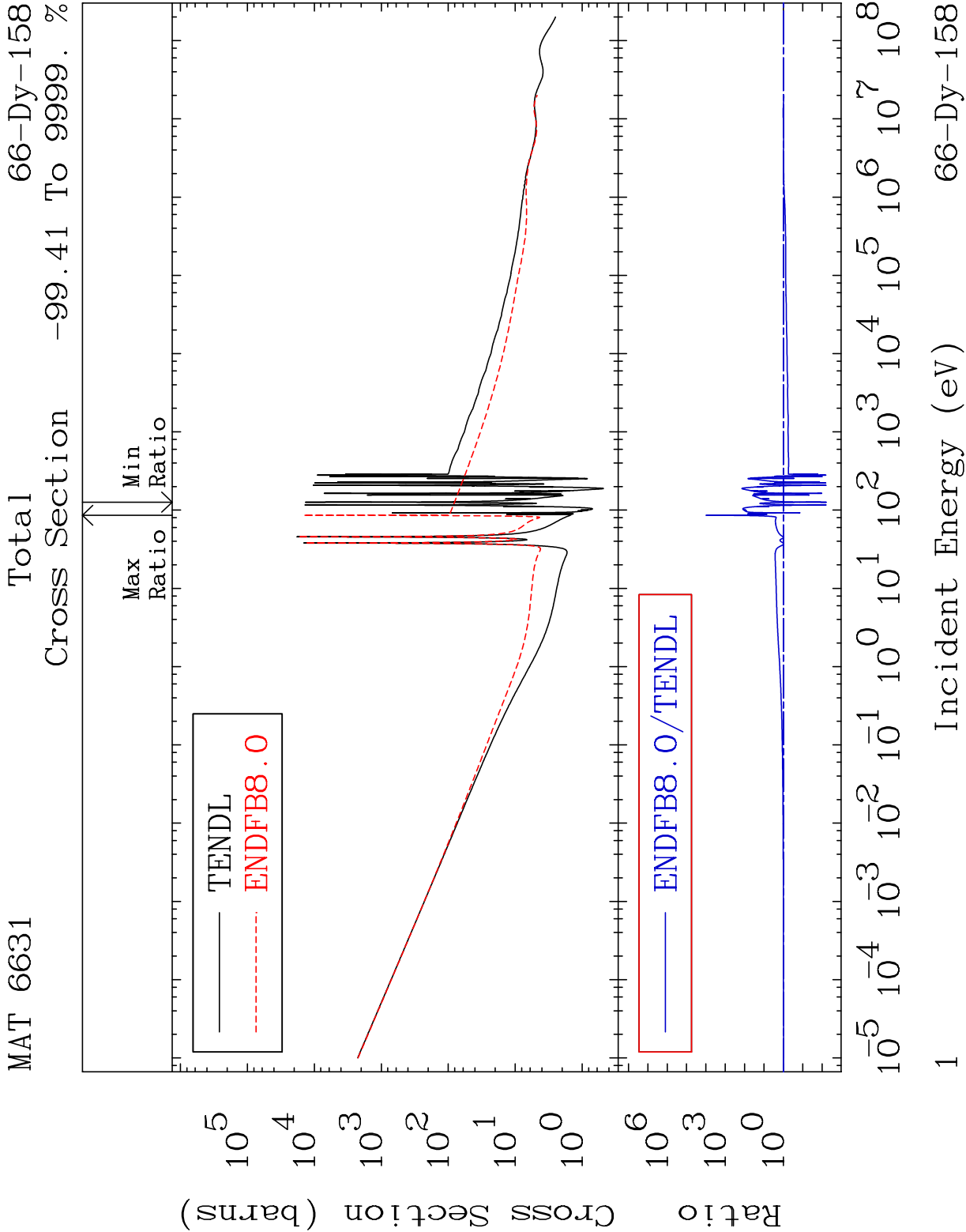
Dermott E. Cullen
(Present Contact Information)

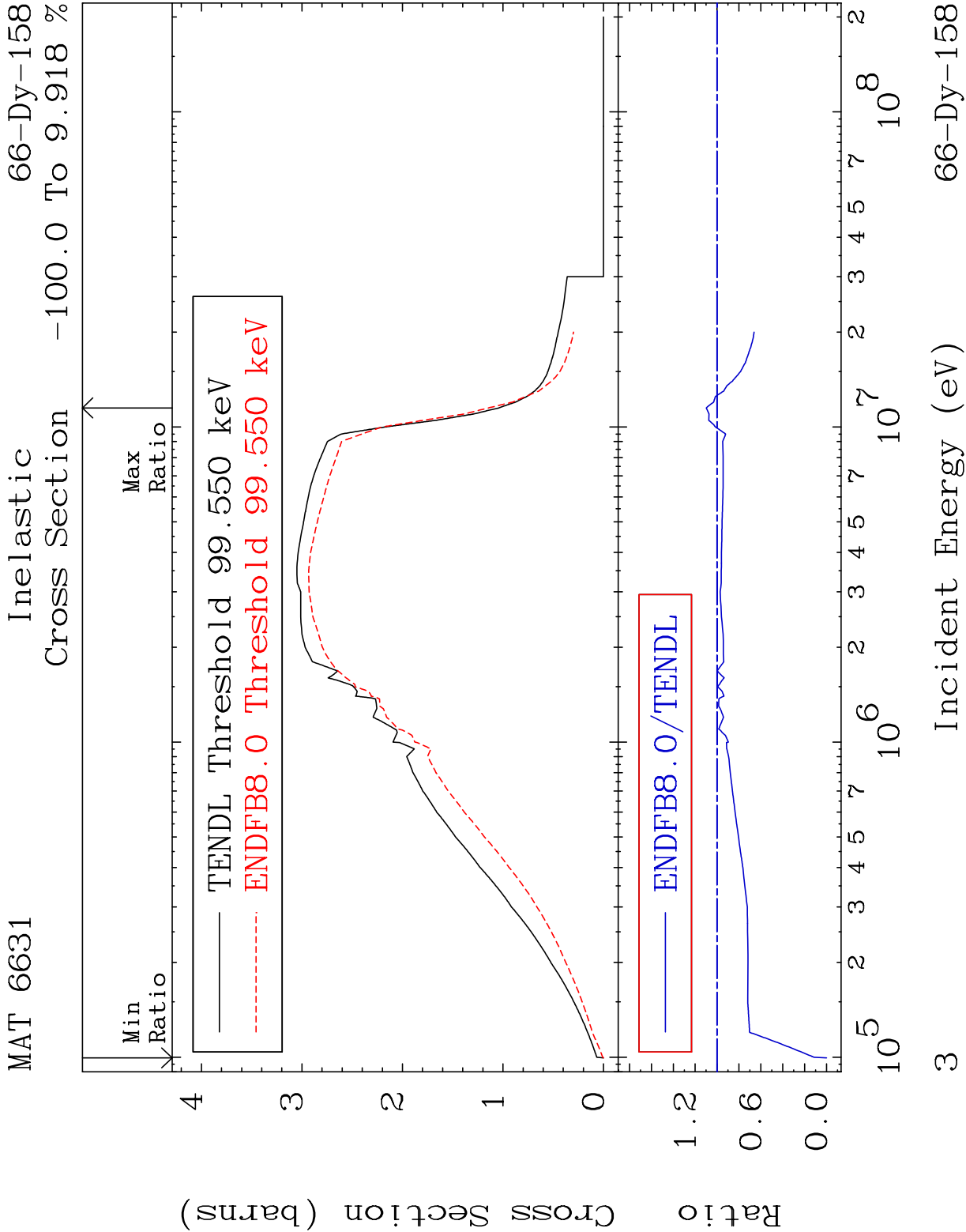
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

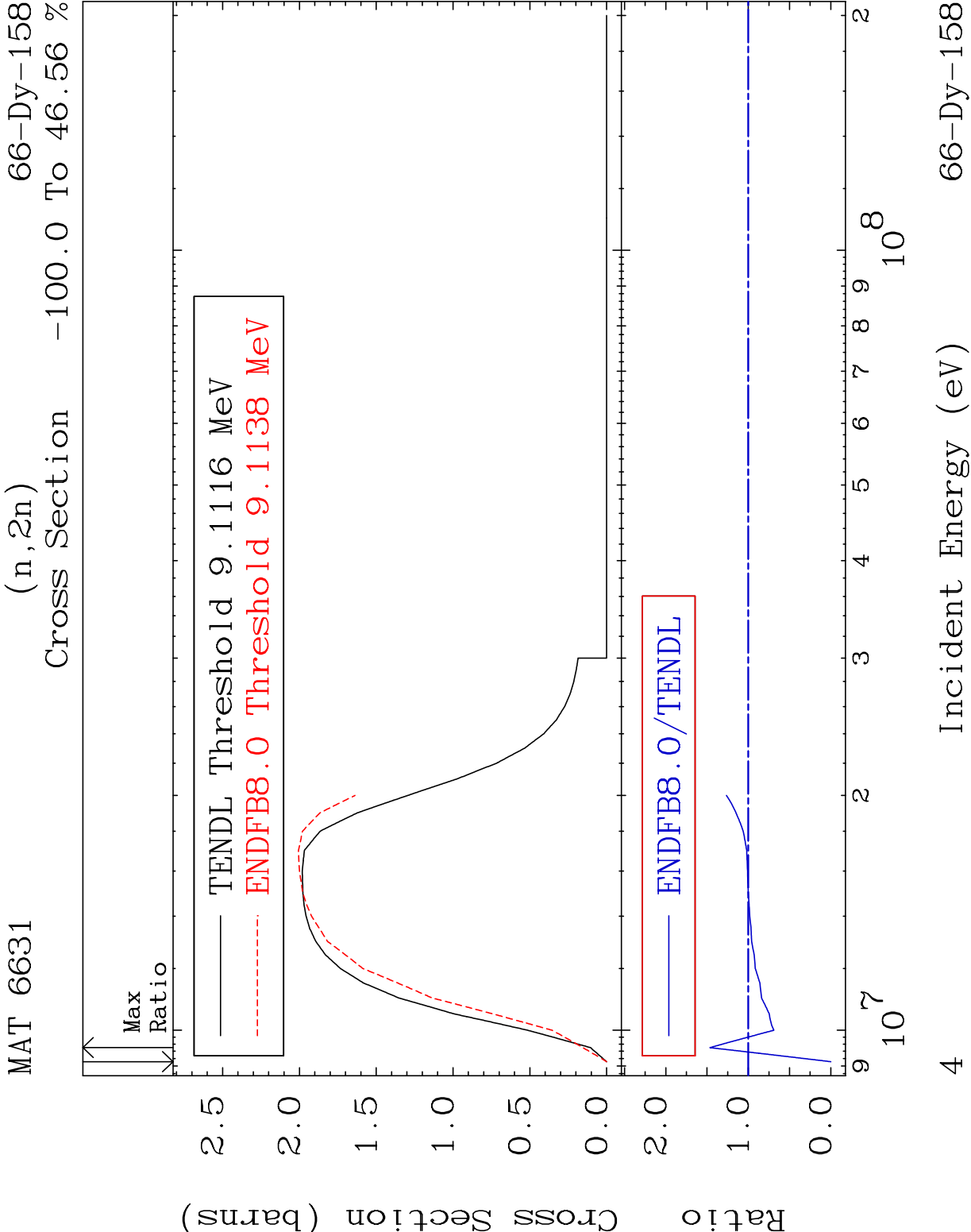
Tele: 925-443-1911

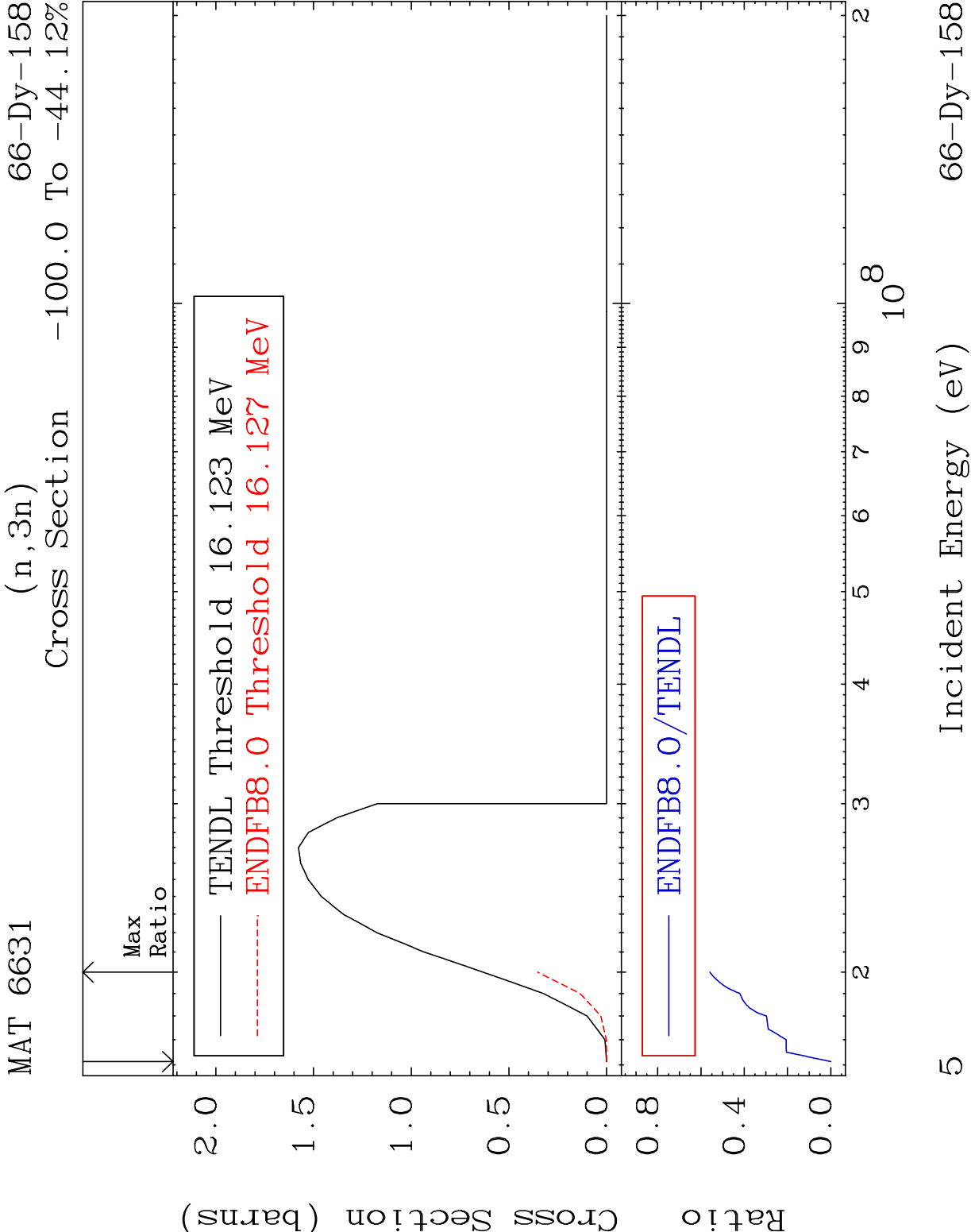
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

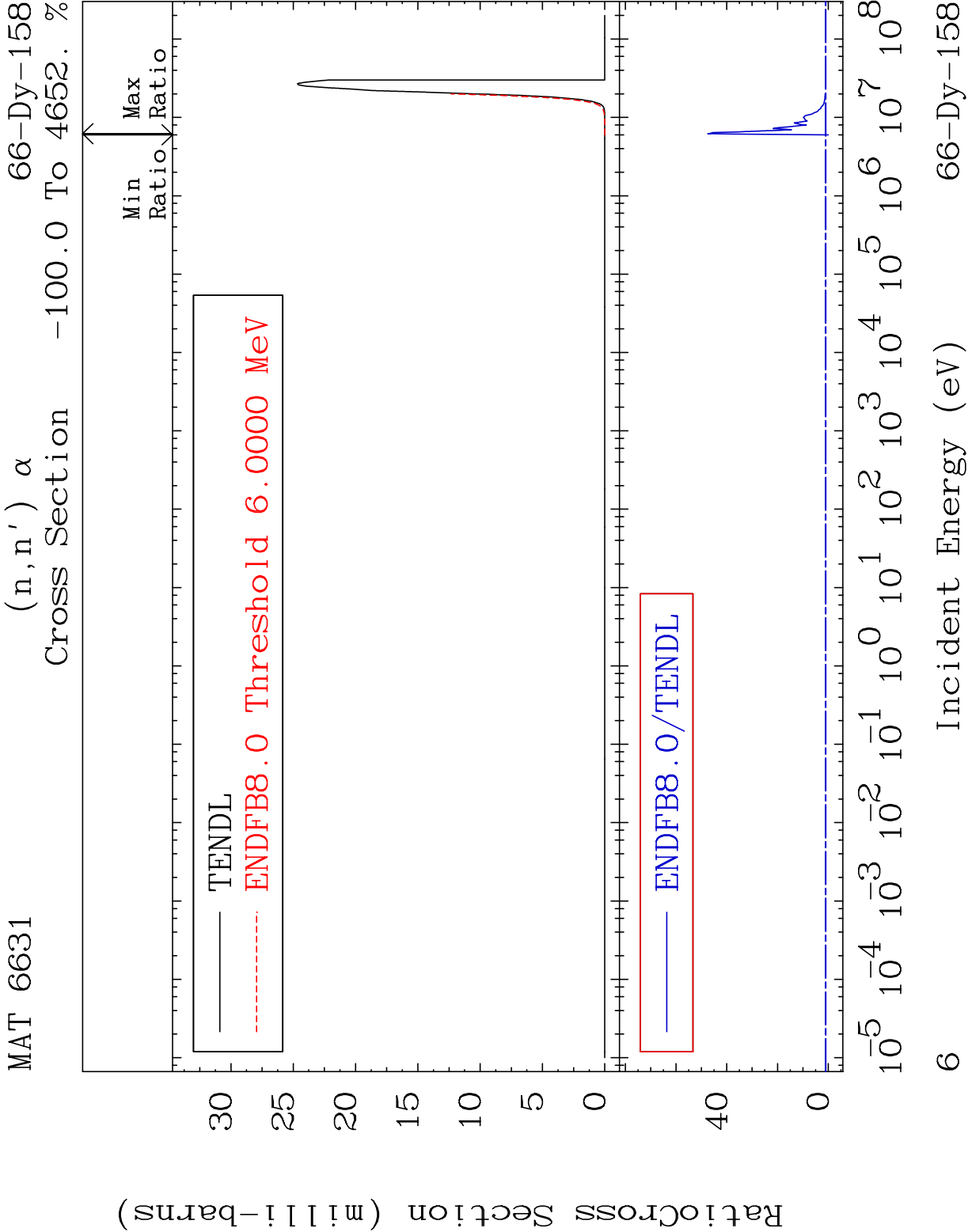
Press Mouse Button to Start

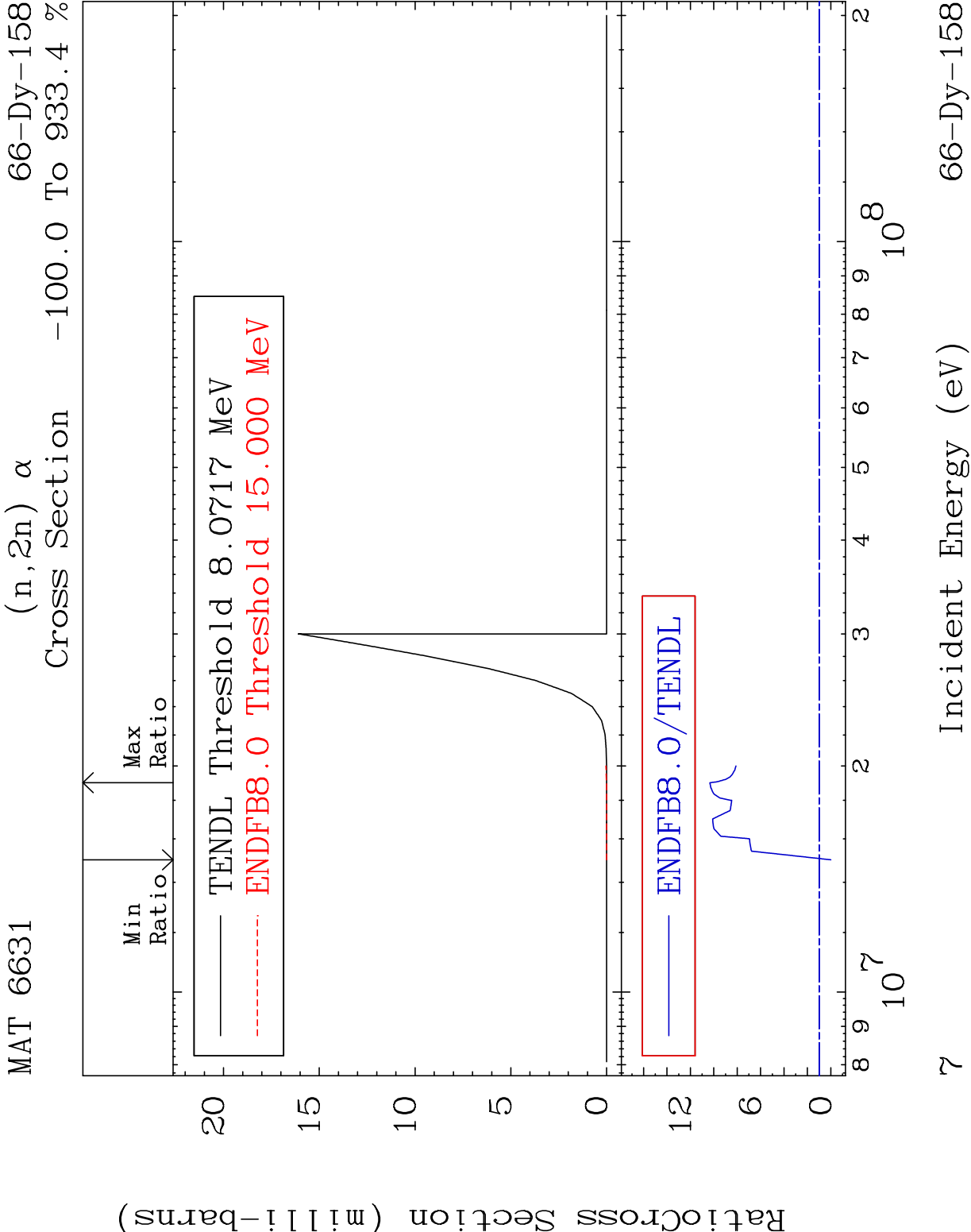


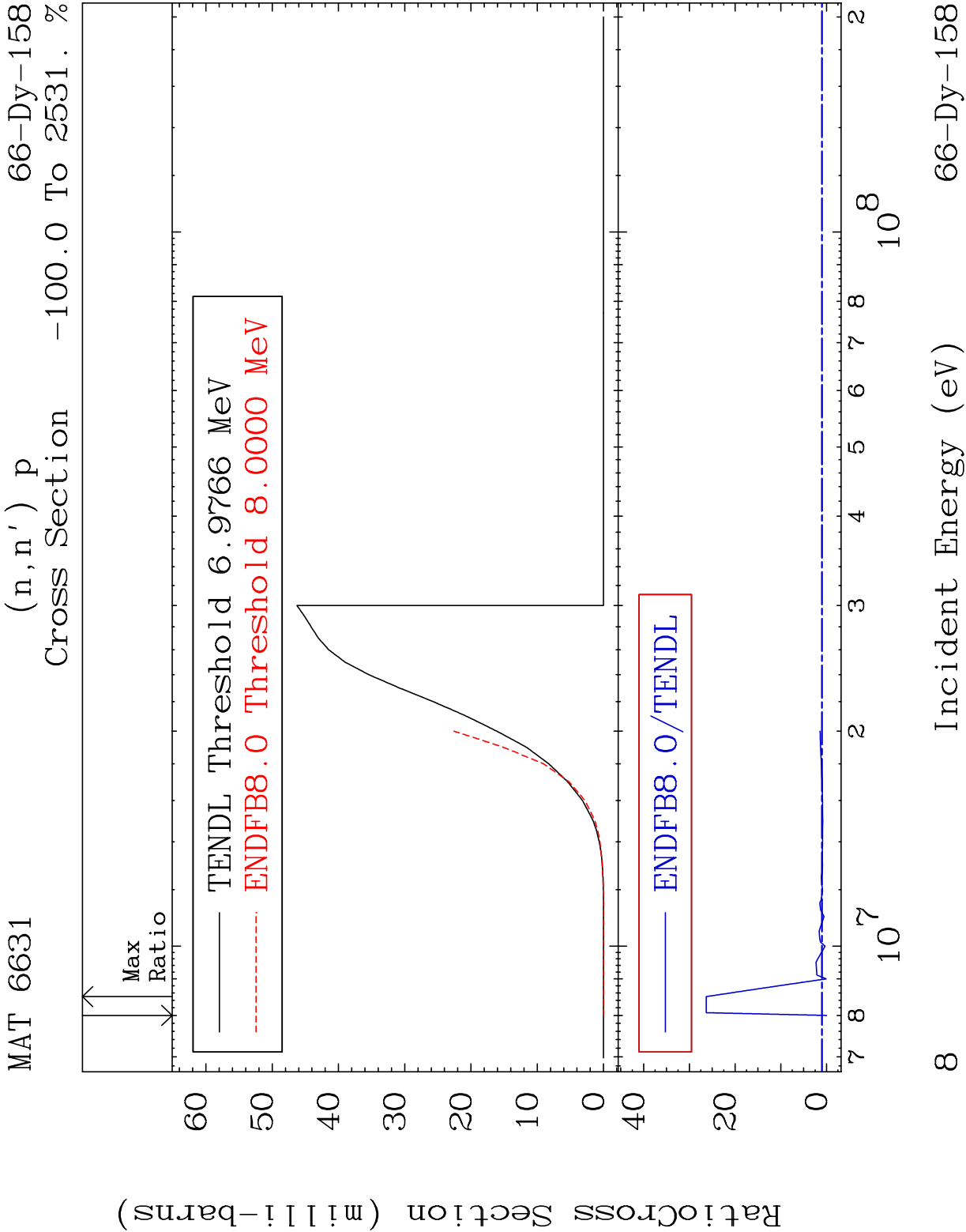


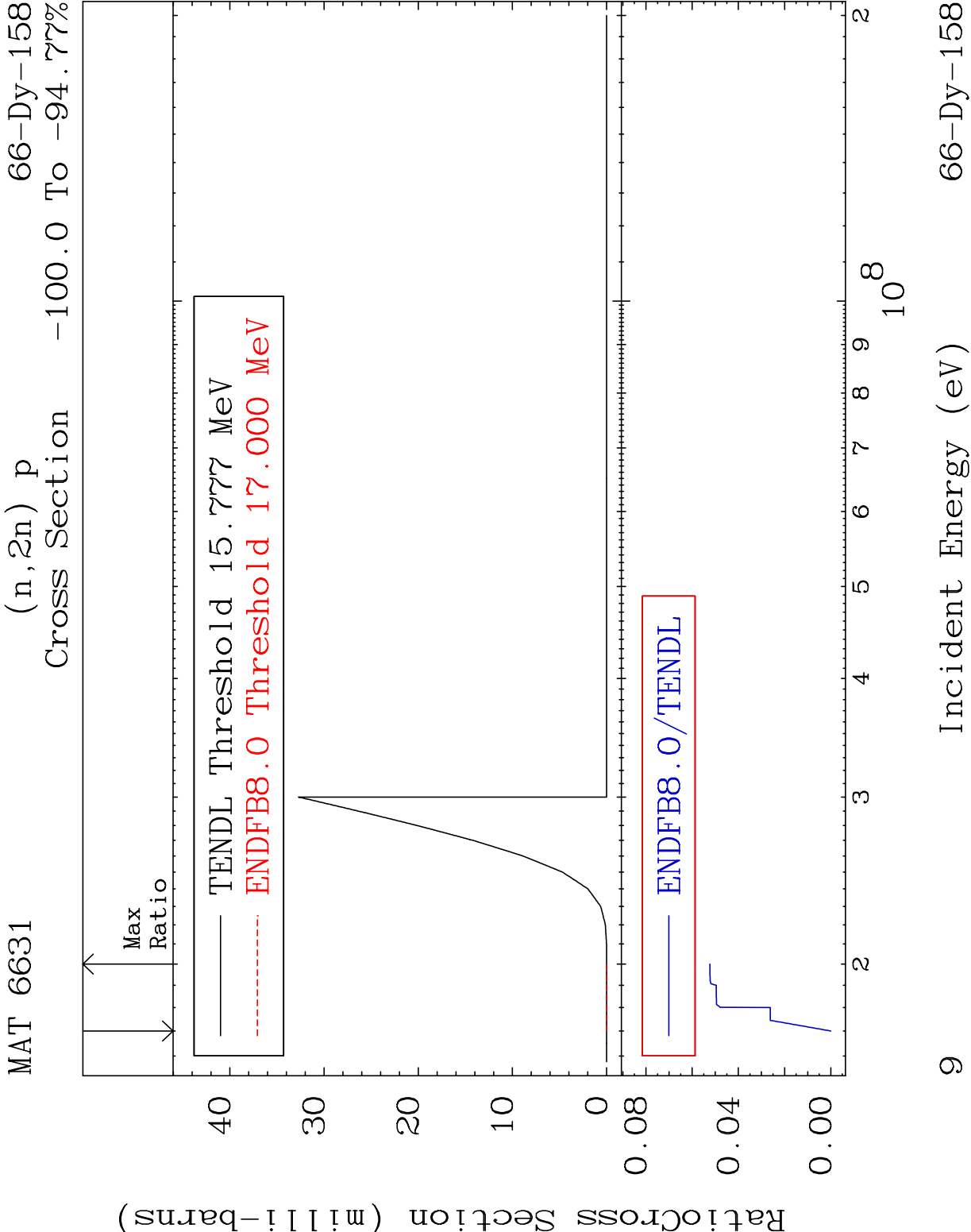








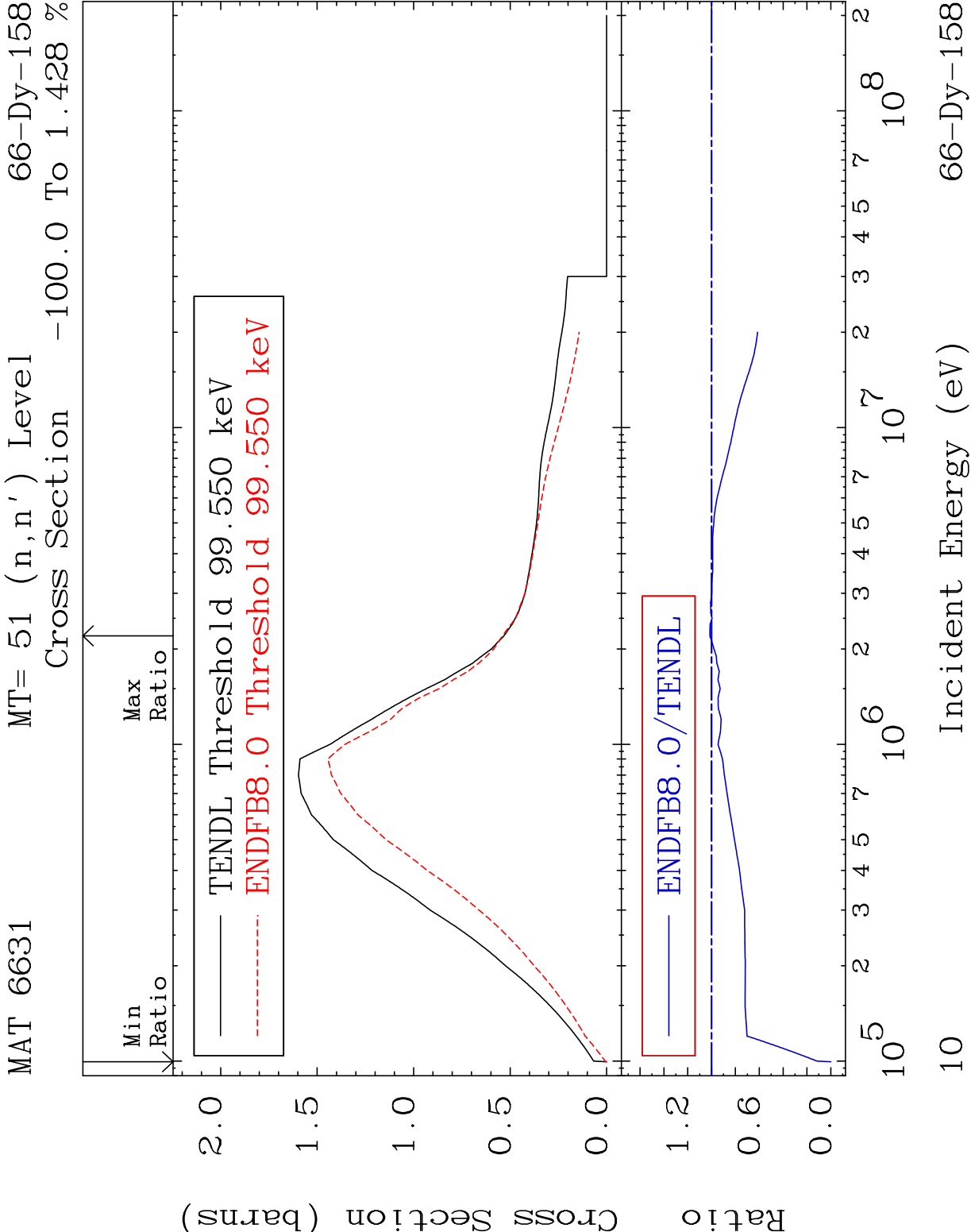




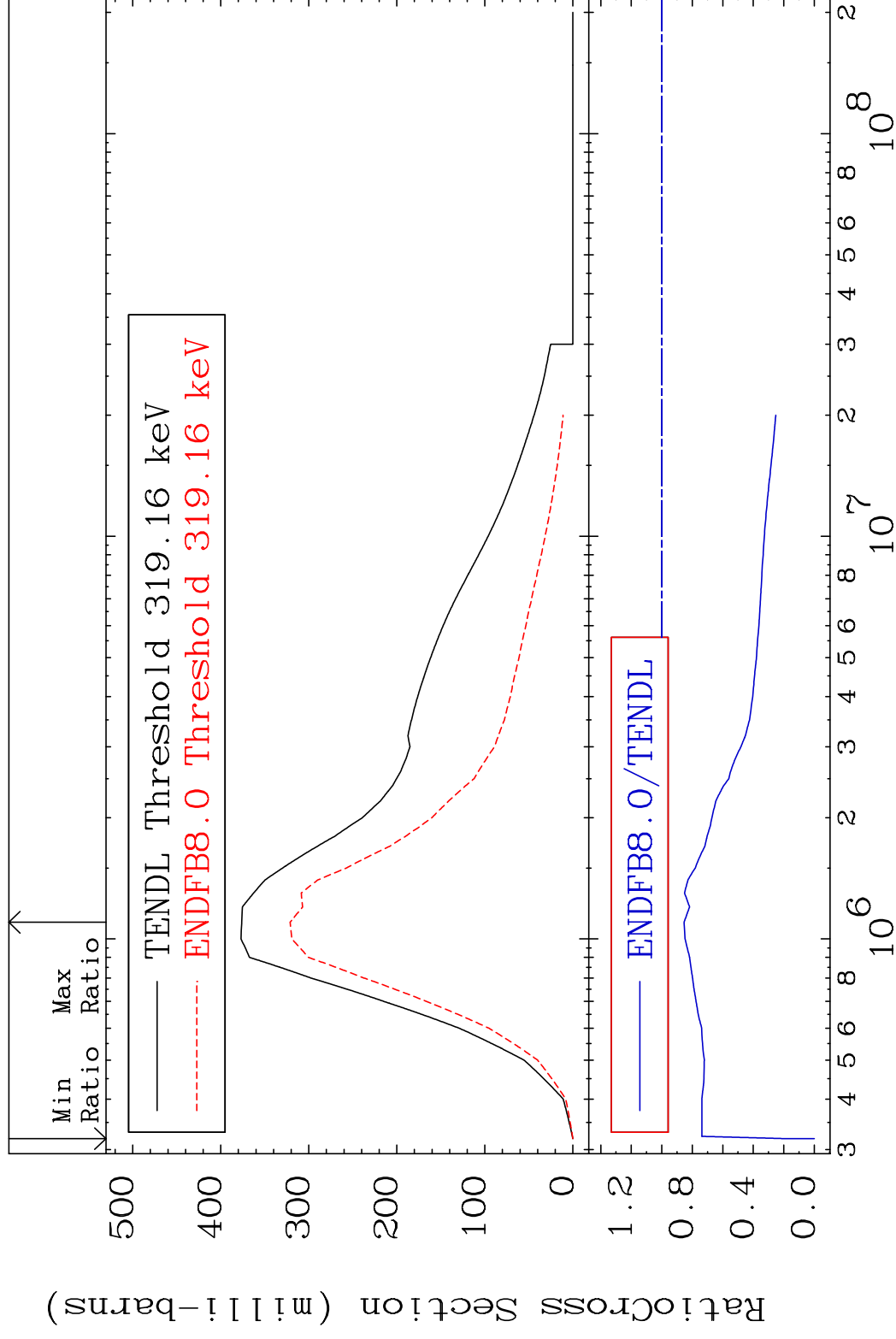
9

Incident Energy (eV)

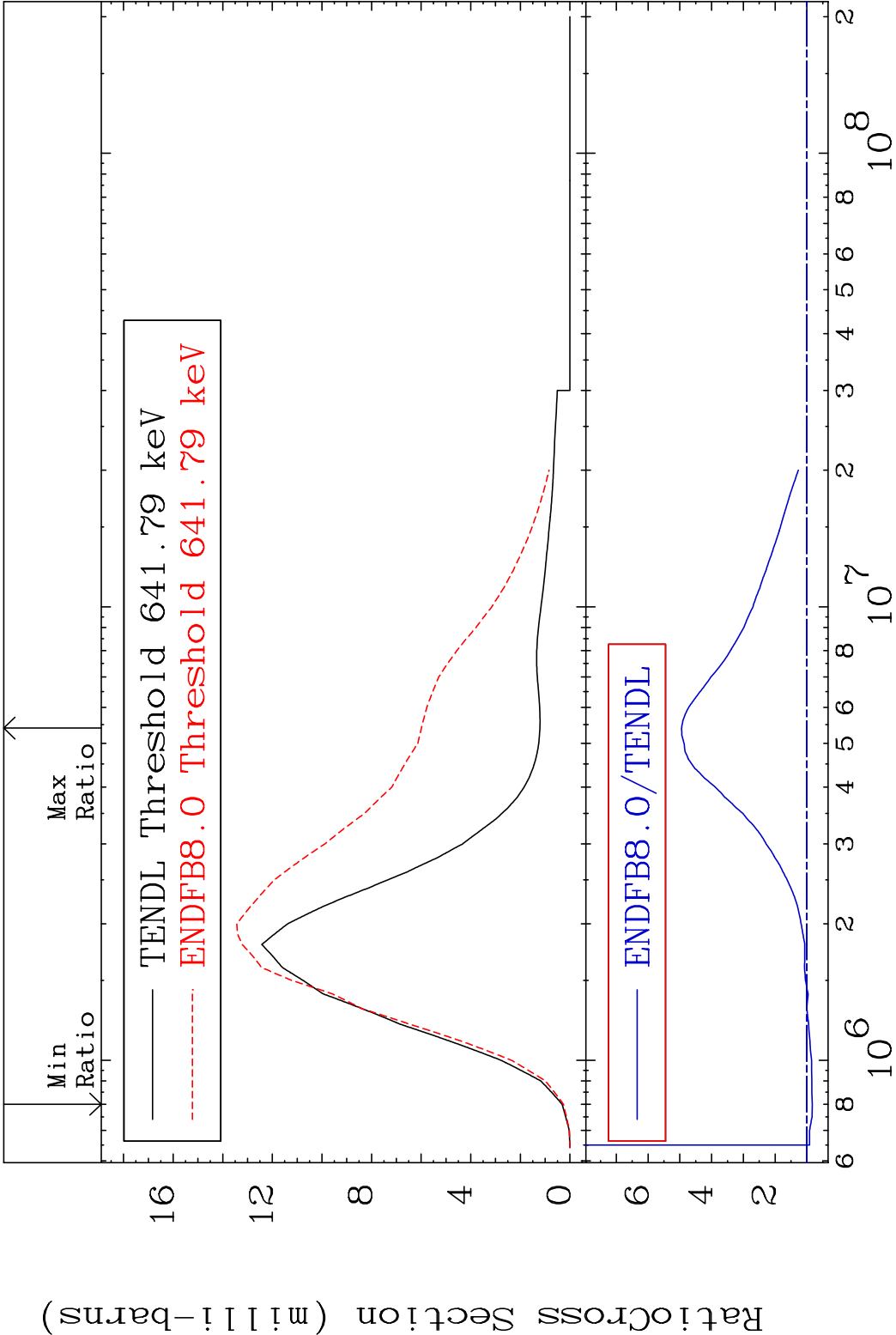
66-Dy-158



MAT 6631	MT= 52 (n, n') Level	66-Dy-158
	Cross Section	-100.0 To -14.62%

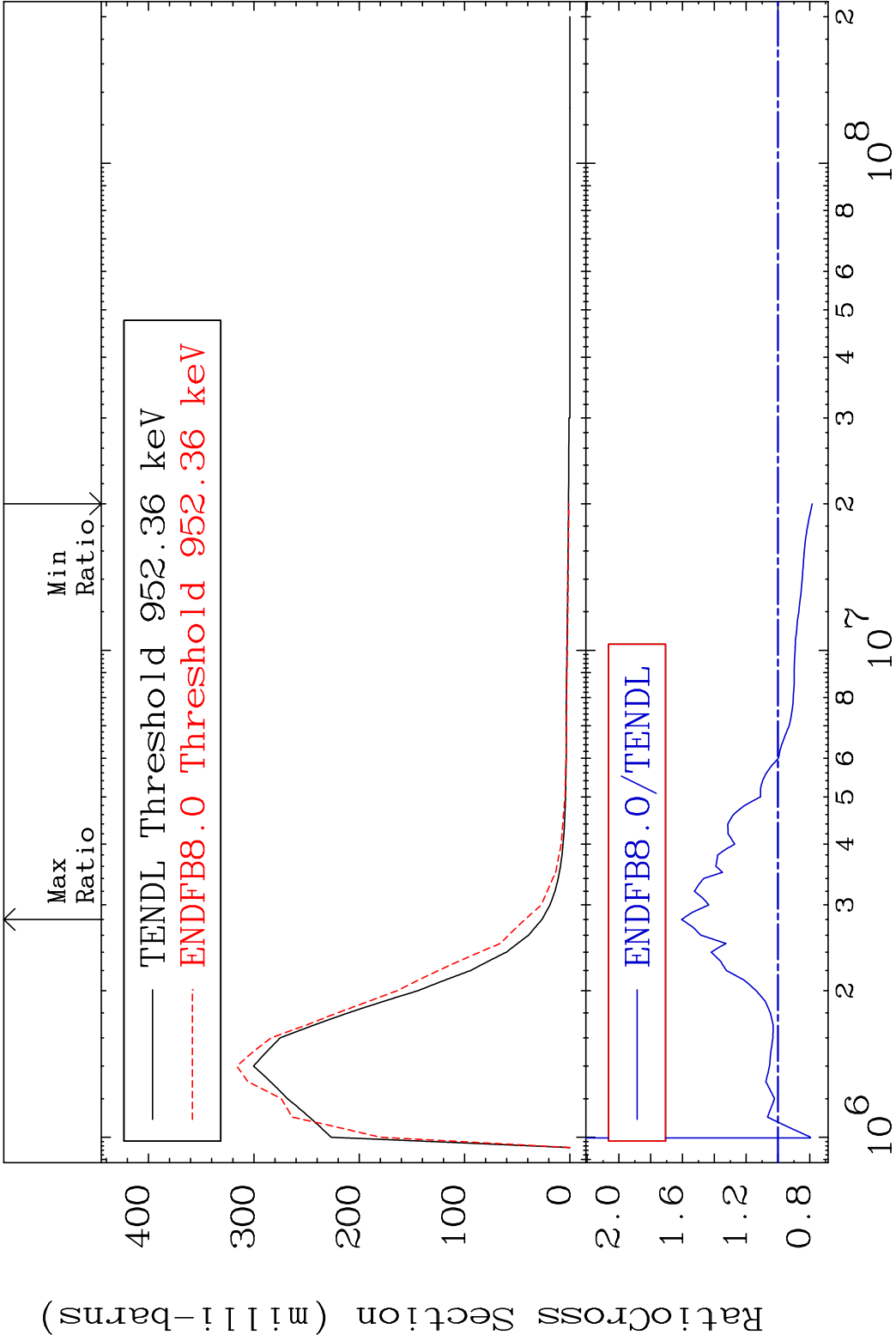


MAT 6631 MT= 53 (n,n') Level 66-Dy-158
Cross Section -16.94 To 394.7 %

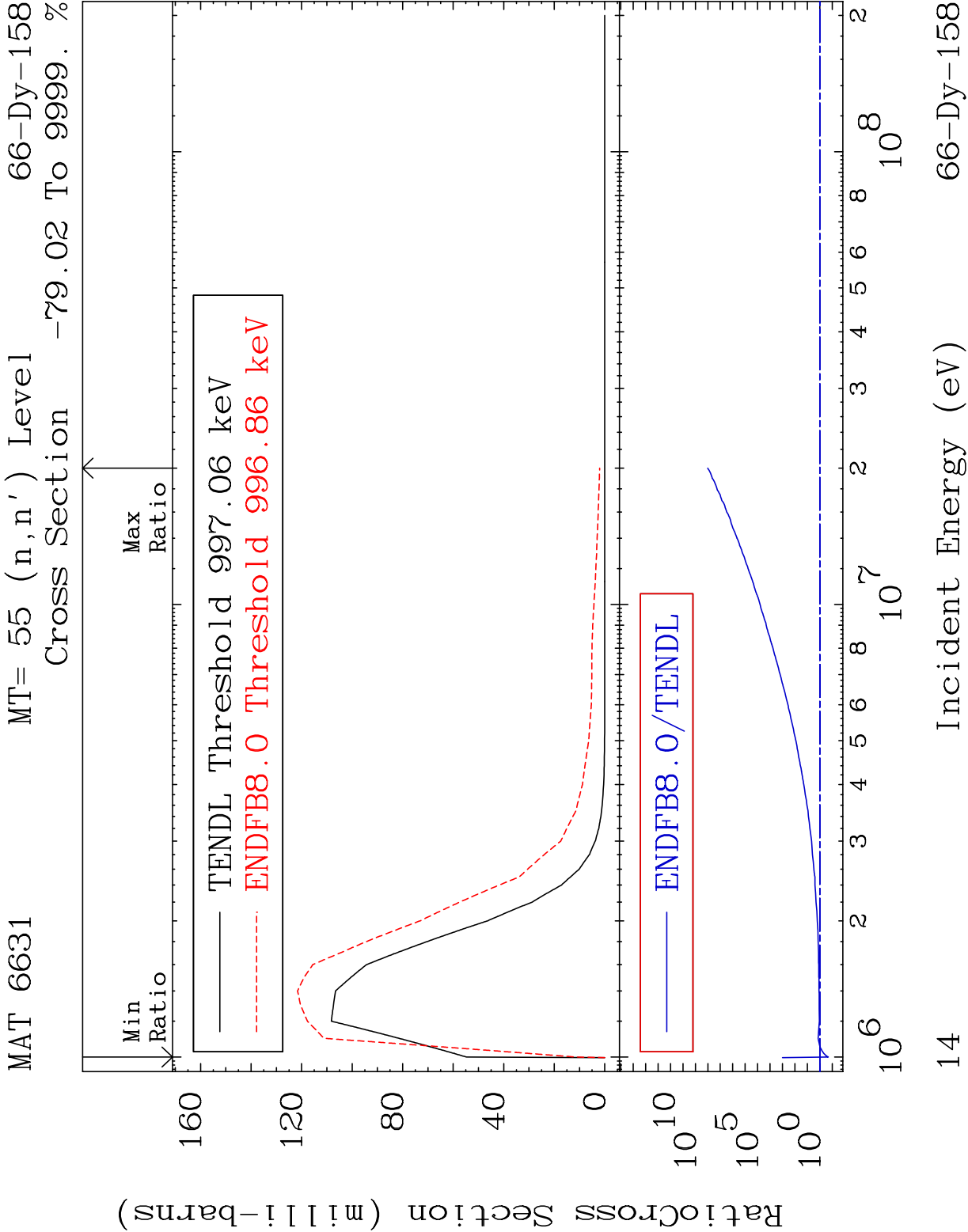


12 Incident Energy (eV) 66-Dy-158

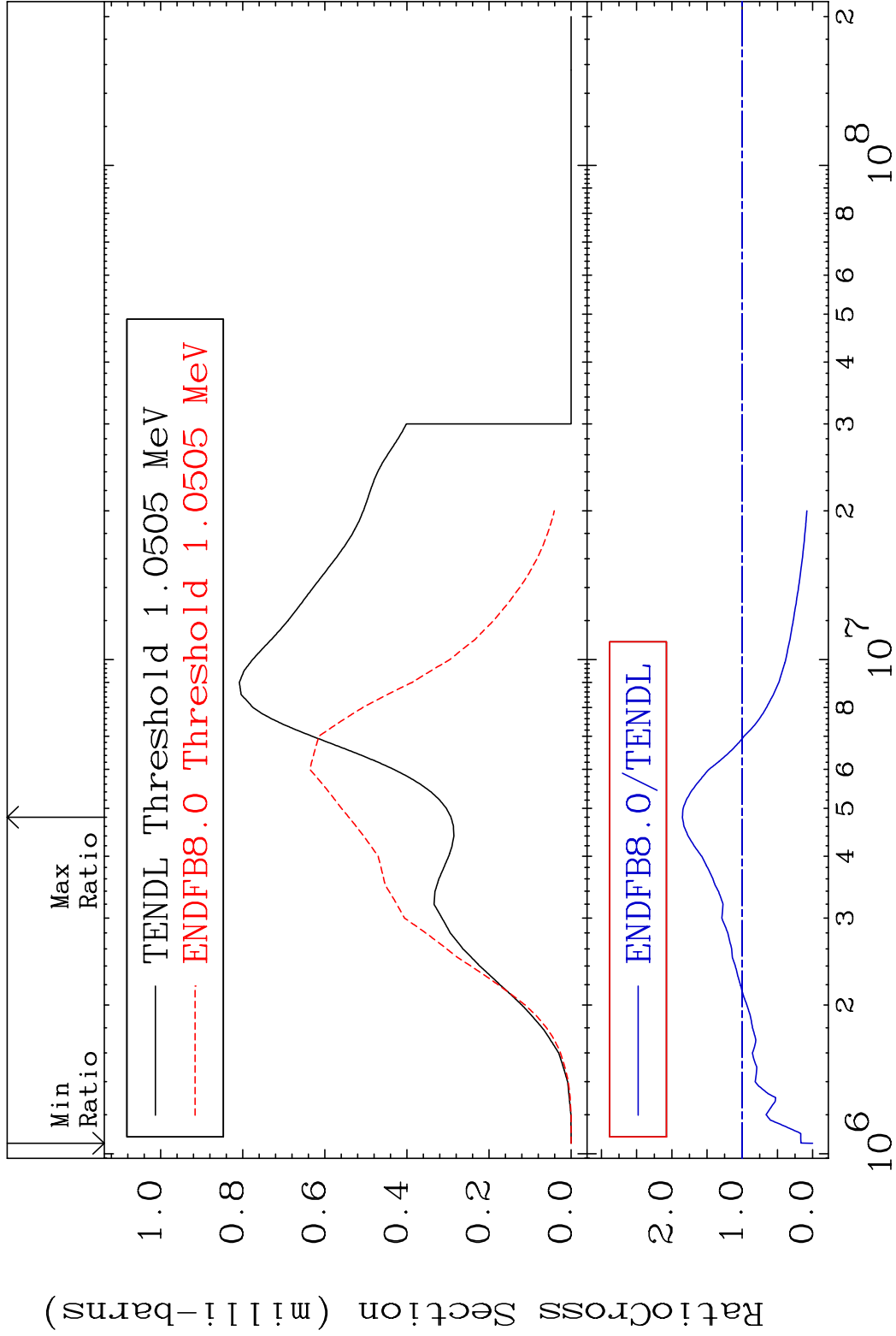
MAT 6631 MT= 54 (n,n') Level 66-Dy-158
Cross Section -21.55 To 60.60 %



13 Incident Energy (eV) 66-Dy-158

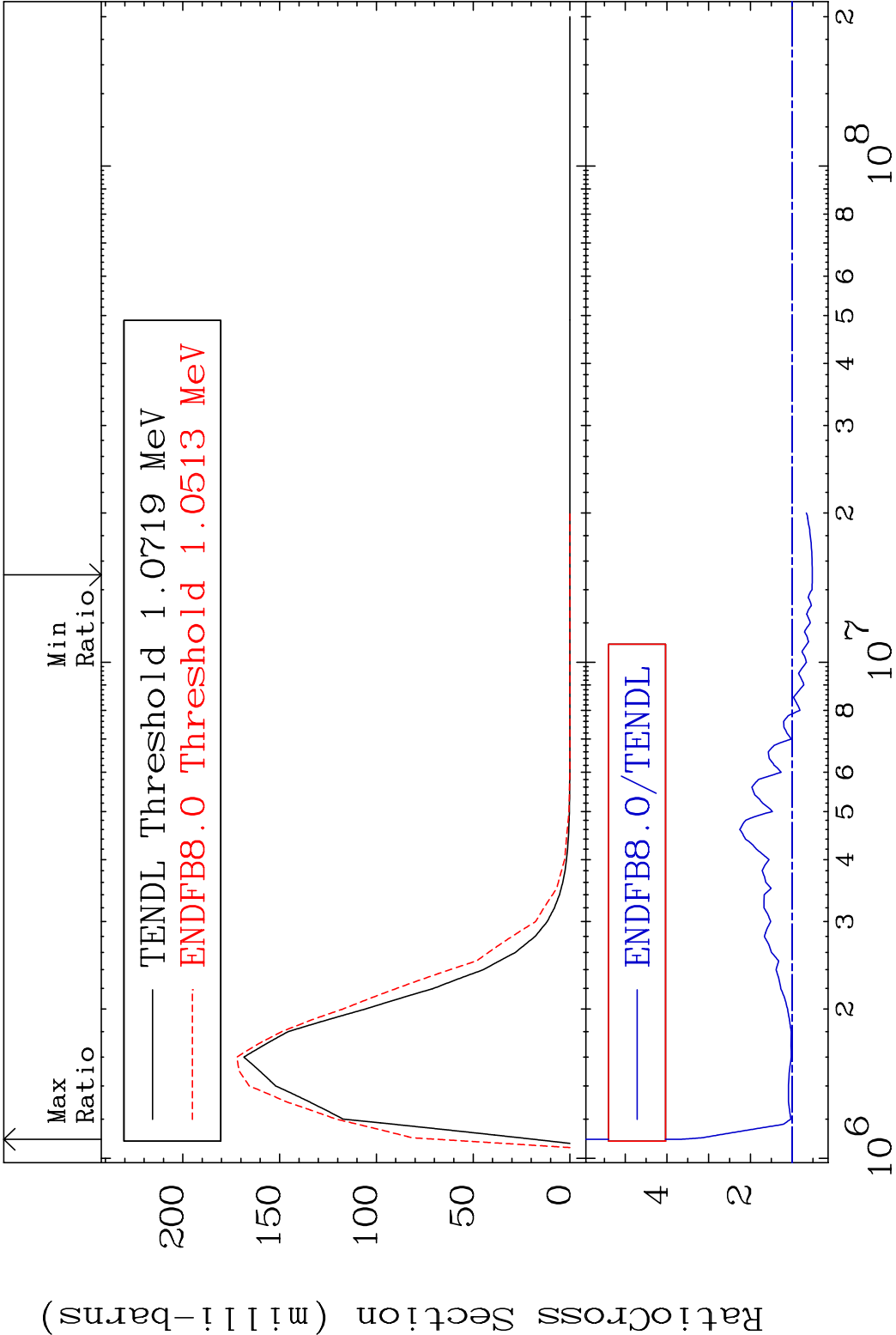


MAT 6631 MT= 56 (n,n') Level 66-Dy-158
Cross Section -100.0 To 85.04 %



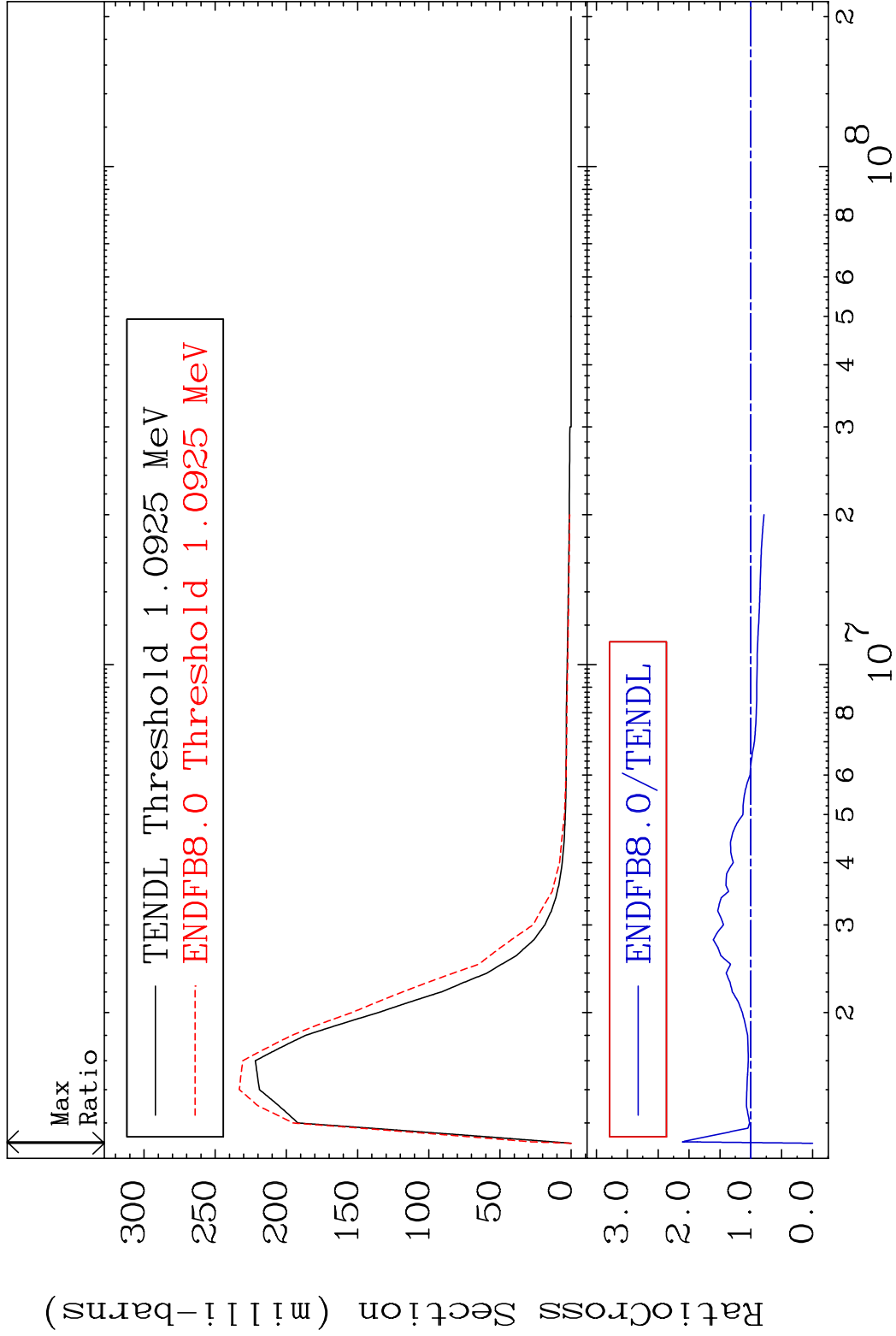
15 Incident Energy (eV) 66-Dy-158

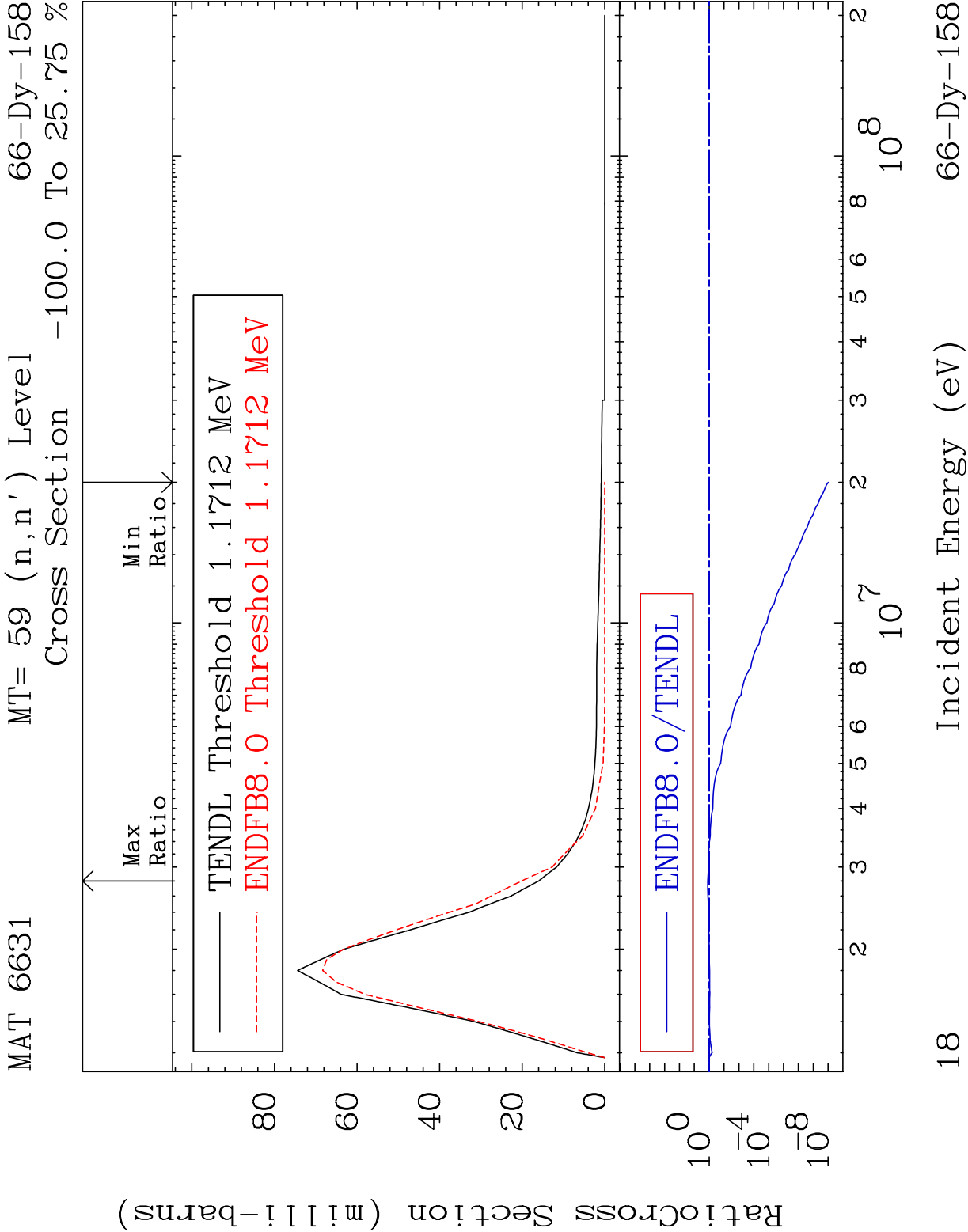
MAT 6631 MT= 57 (n,n') Level 66-Dy-158
Cross Section -48.21 To 265.1 %



16 Incident Energy (eV) 66-Dy-158

MAT 6631 MT= 58 (n,n') Level 66-Dy-158
Cross Section -100.0 To 110.8 %





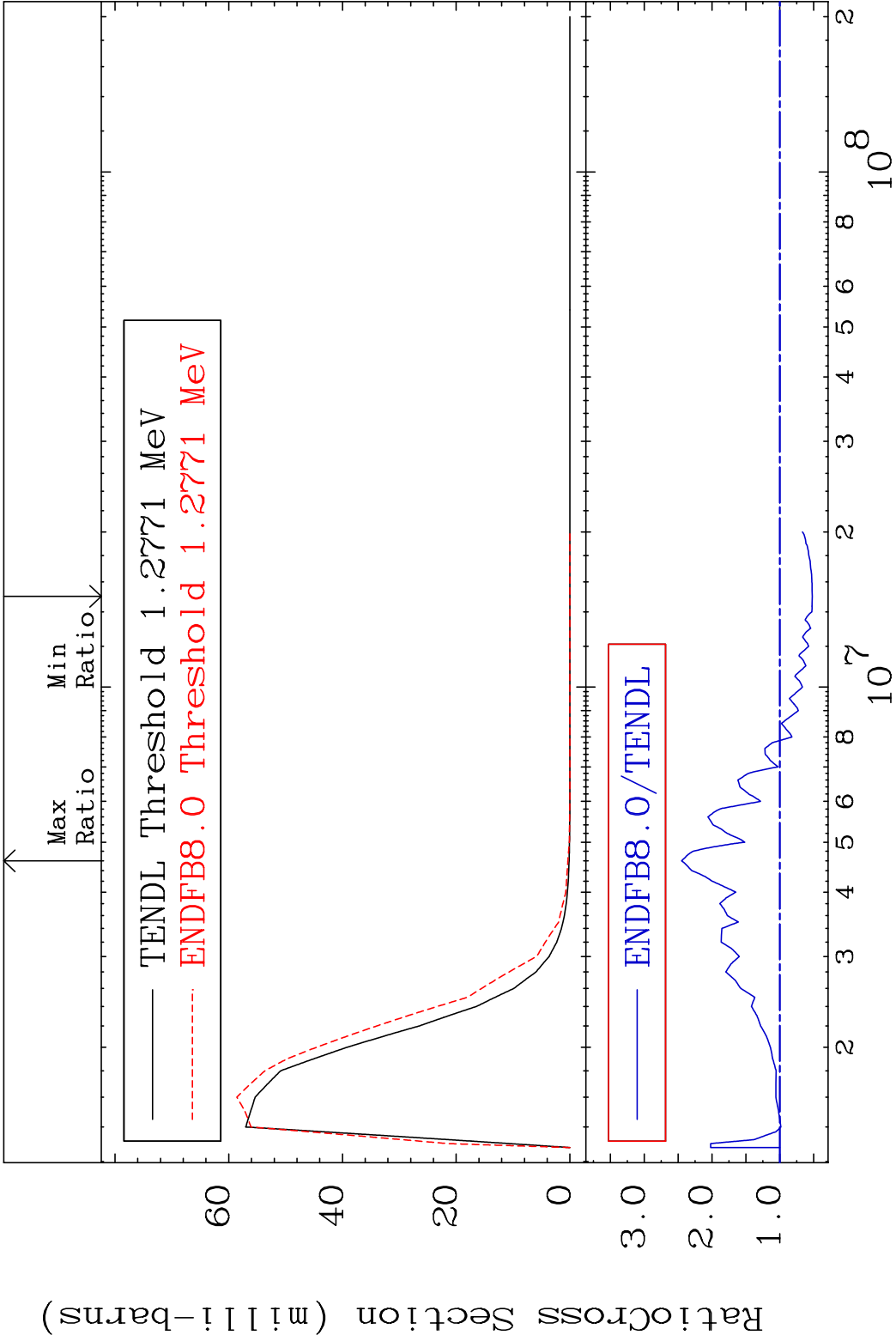
MAT 6631

MT= 60 (n,n') Level

66-Dy-158

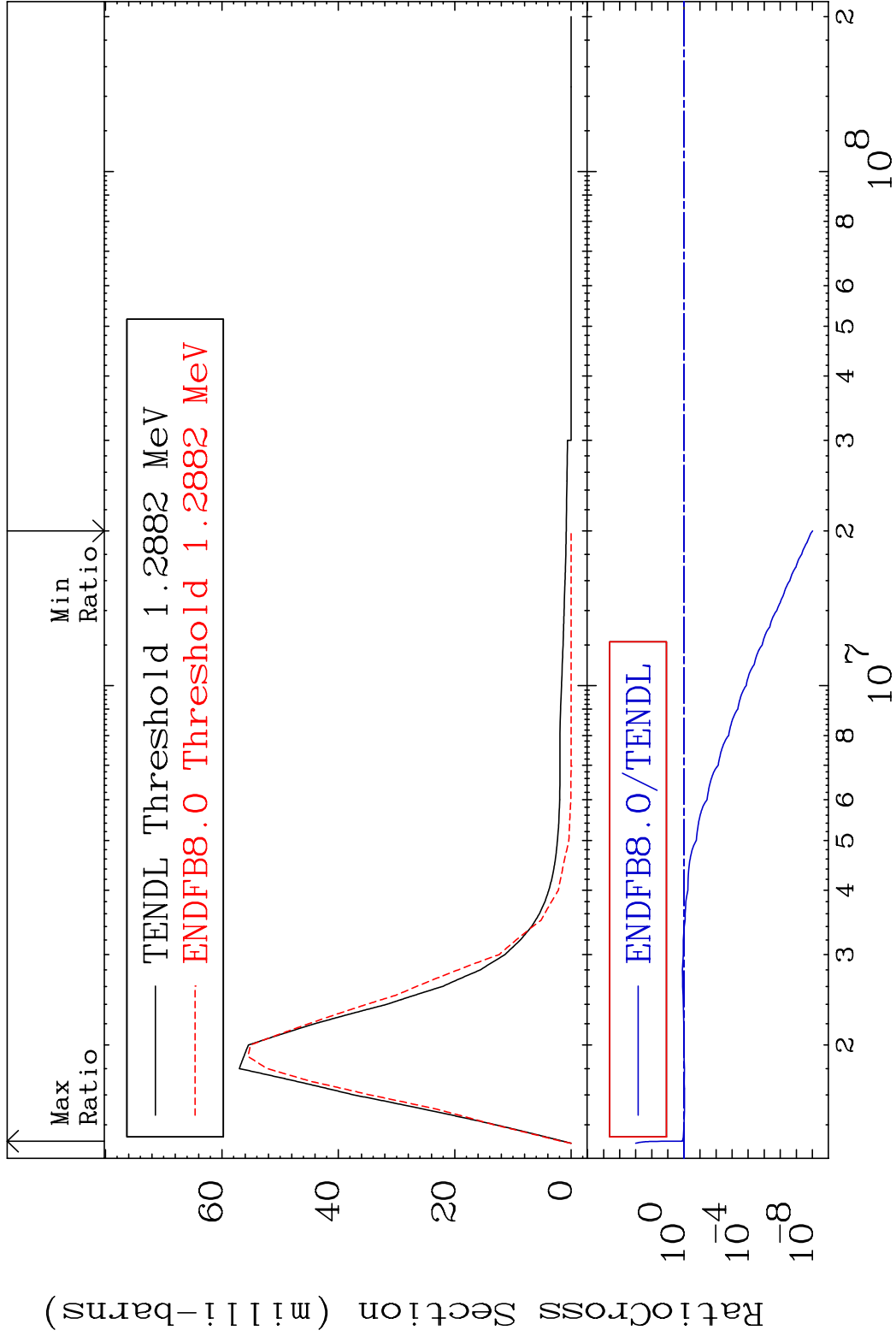
Cross Section

-47.94 To 145.0 %



MAT 6631 MT= 61 (n,n') Level 66-Dy-158

Cross Section -100.0 To 25.10 %



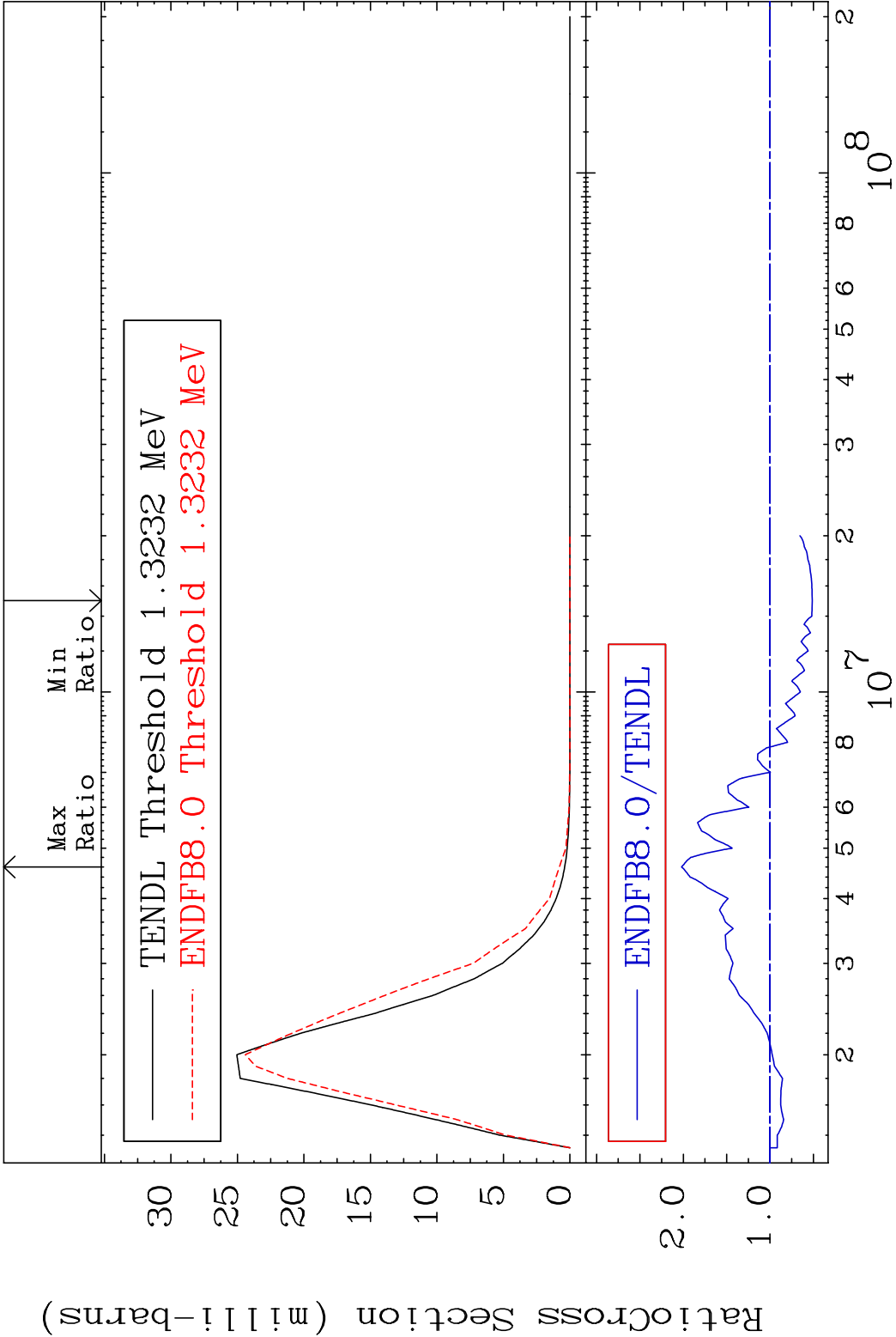
MAT 6631

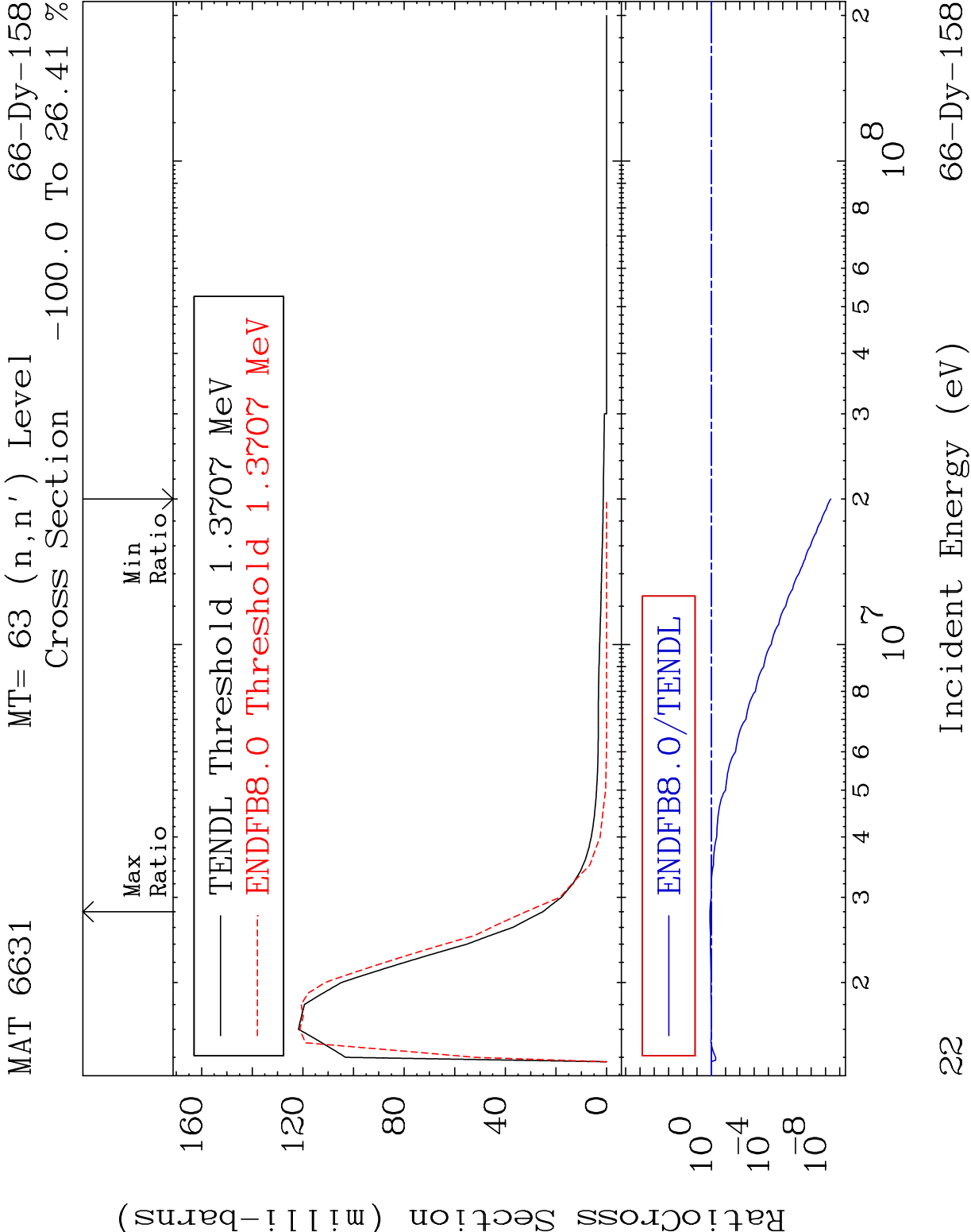
MT= 62 (n,n') Level

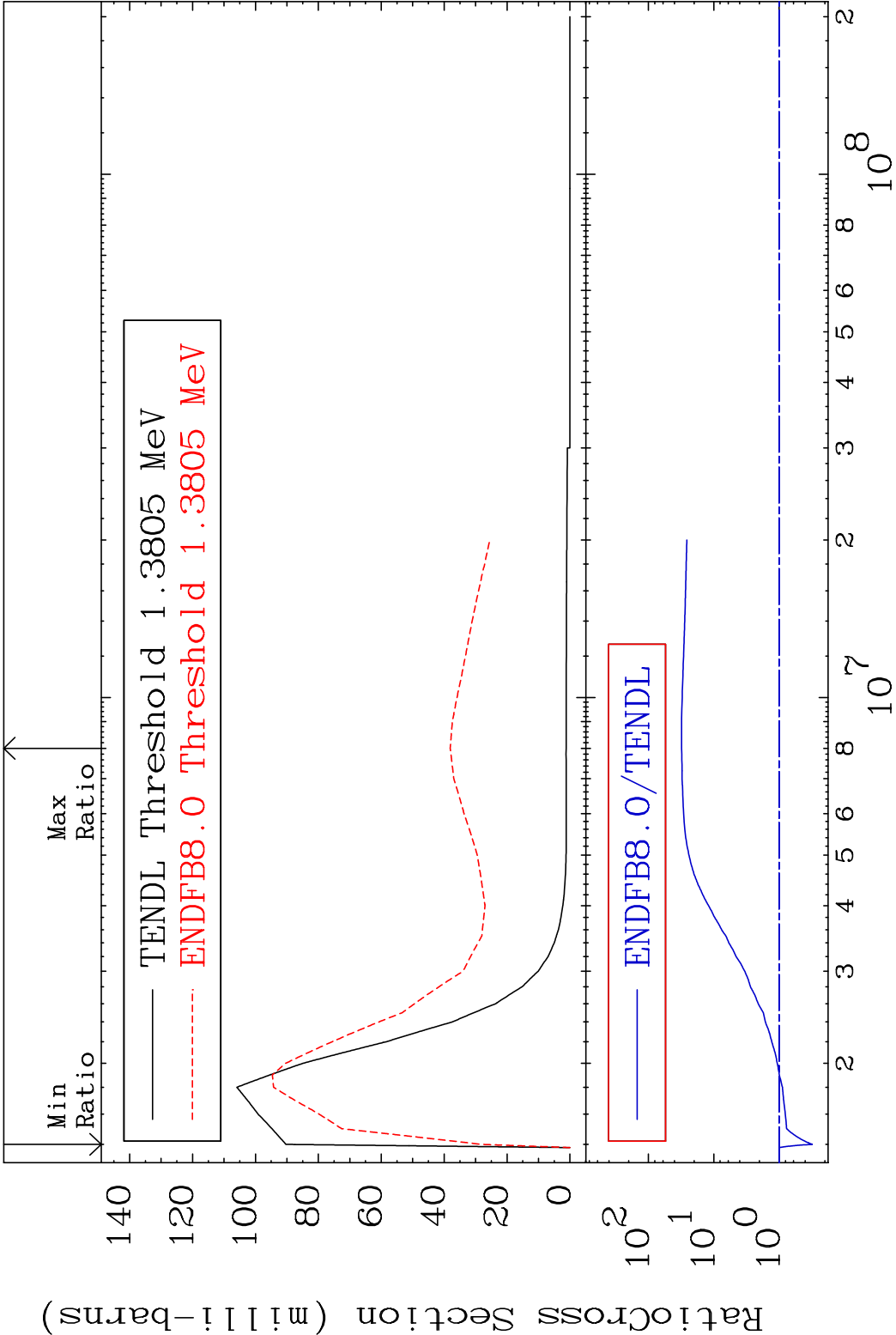
66-Dy-158

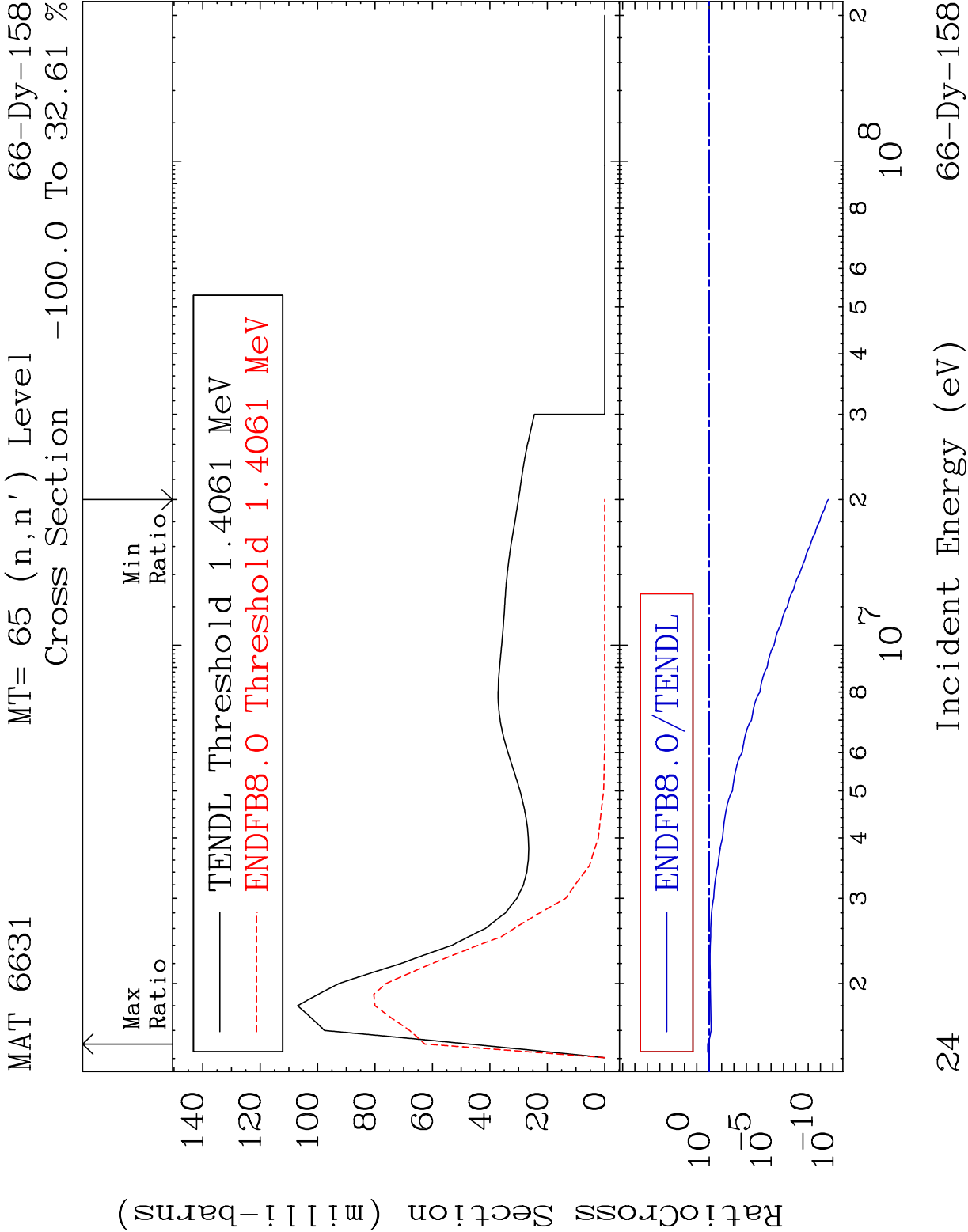
Cross Section

-48.67 To 102.0 %

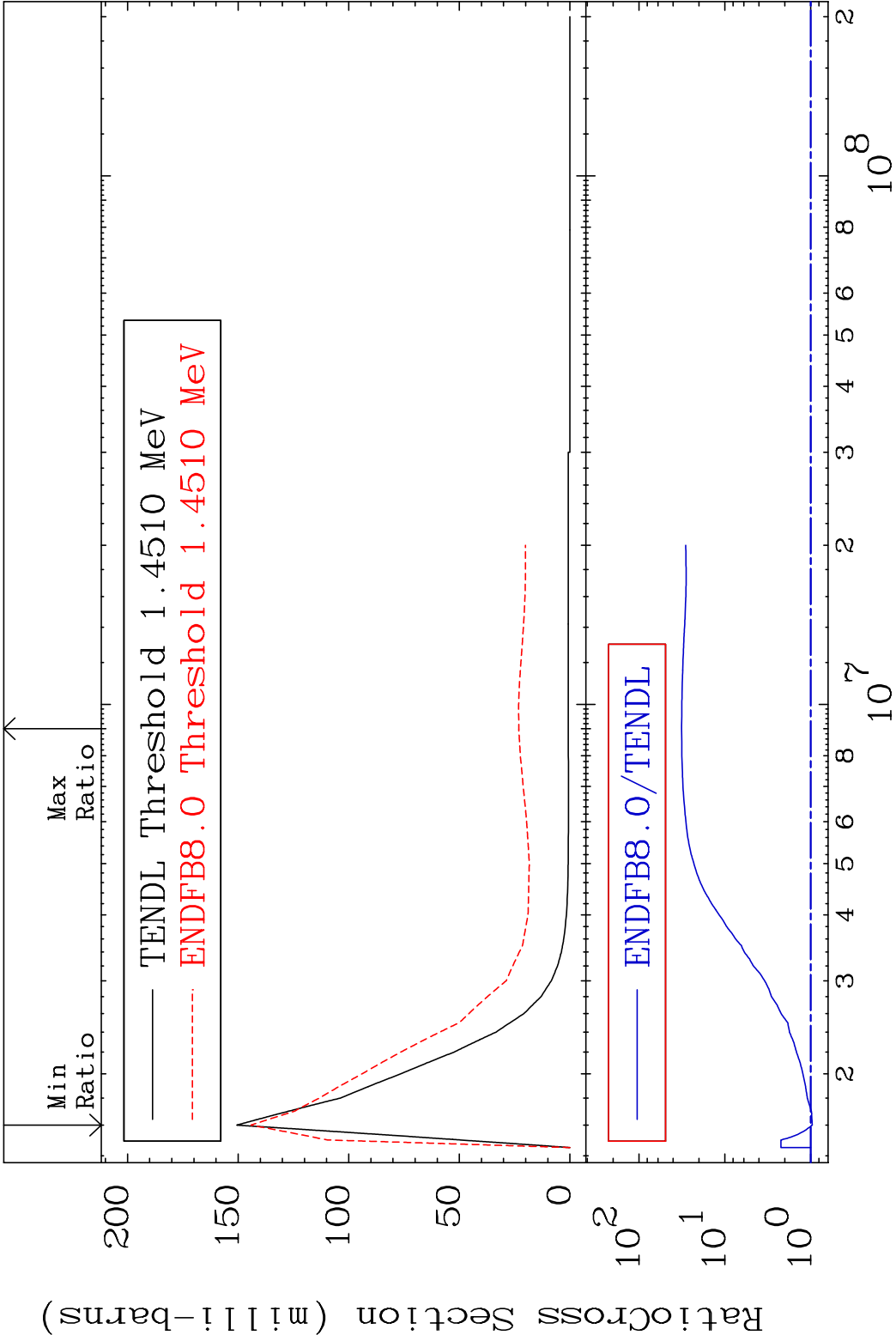


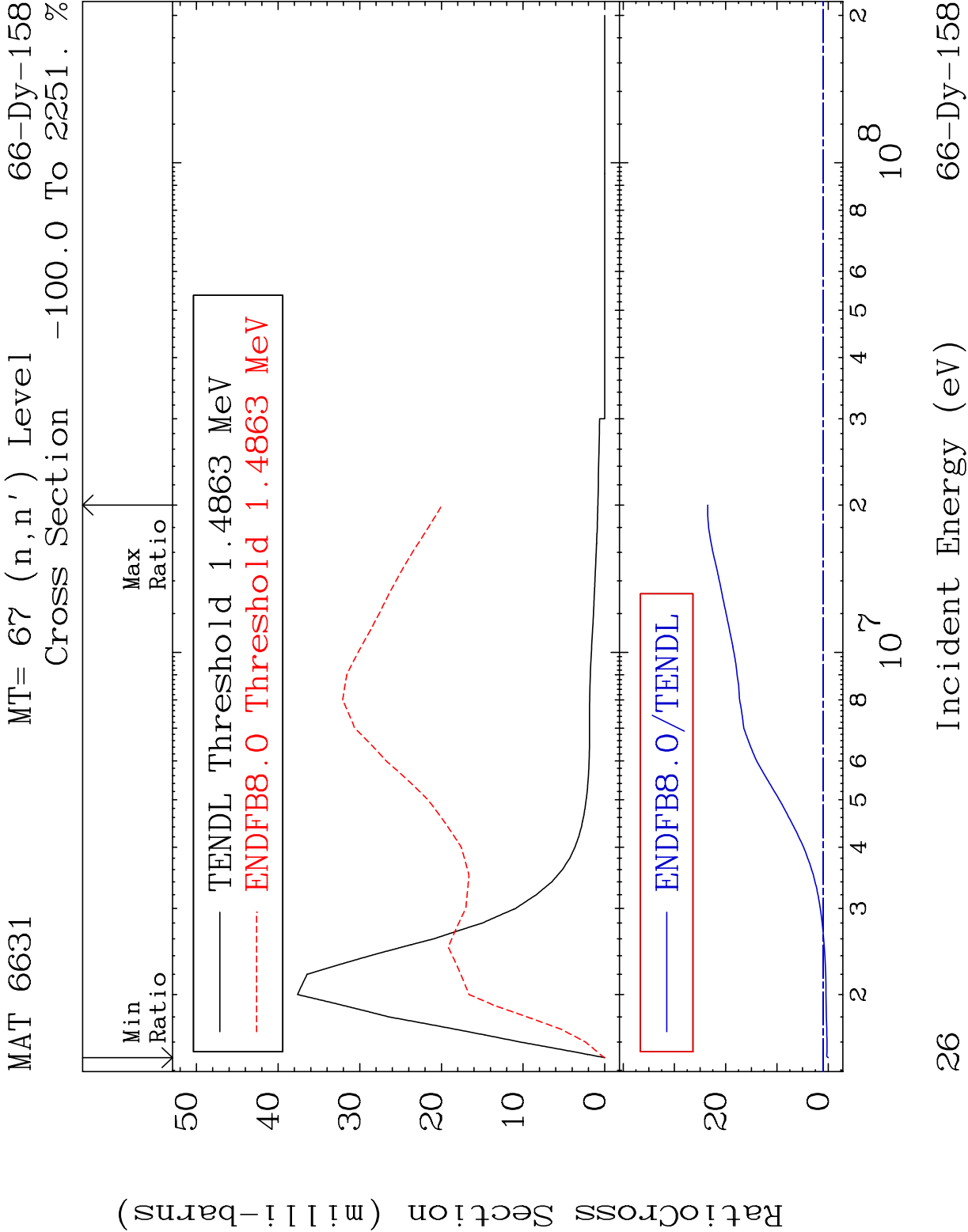




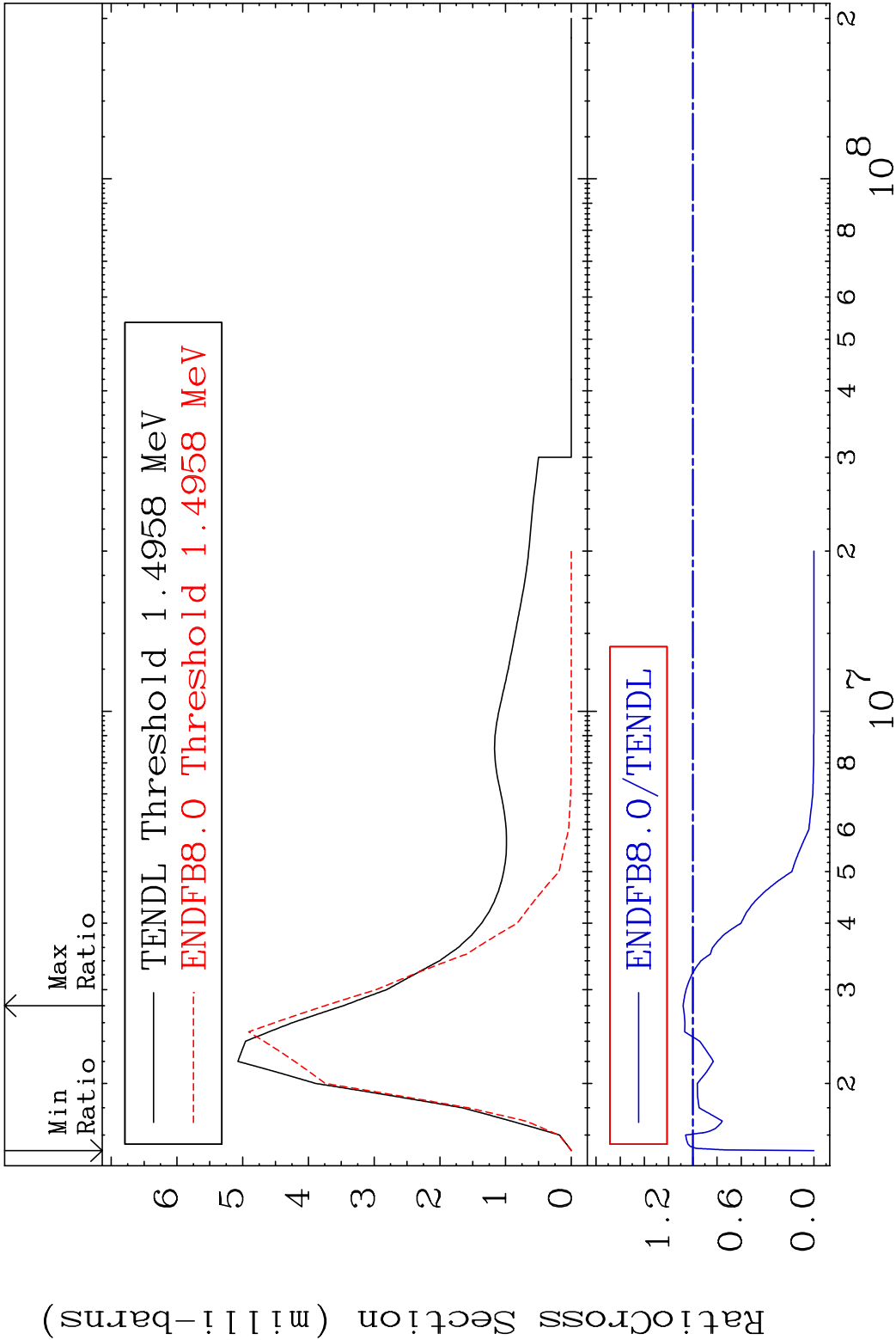


MAT 6631	MT= 66 (n,n')	Level	66-Dy-158
	Cross Section	-4.265 To 3089. %	

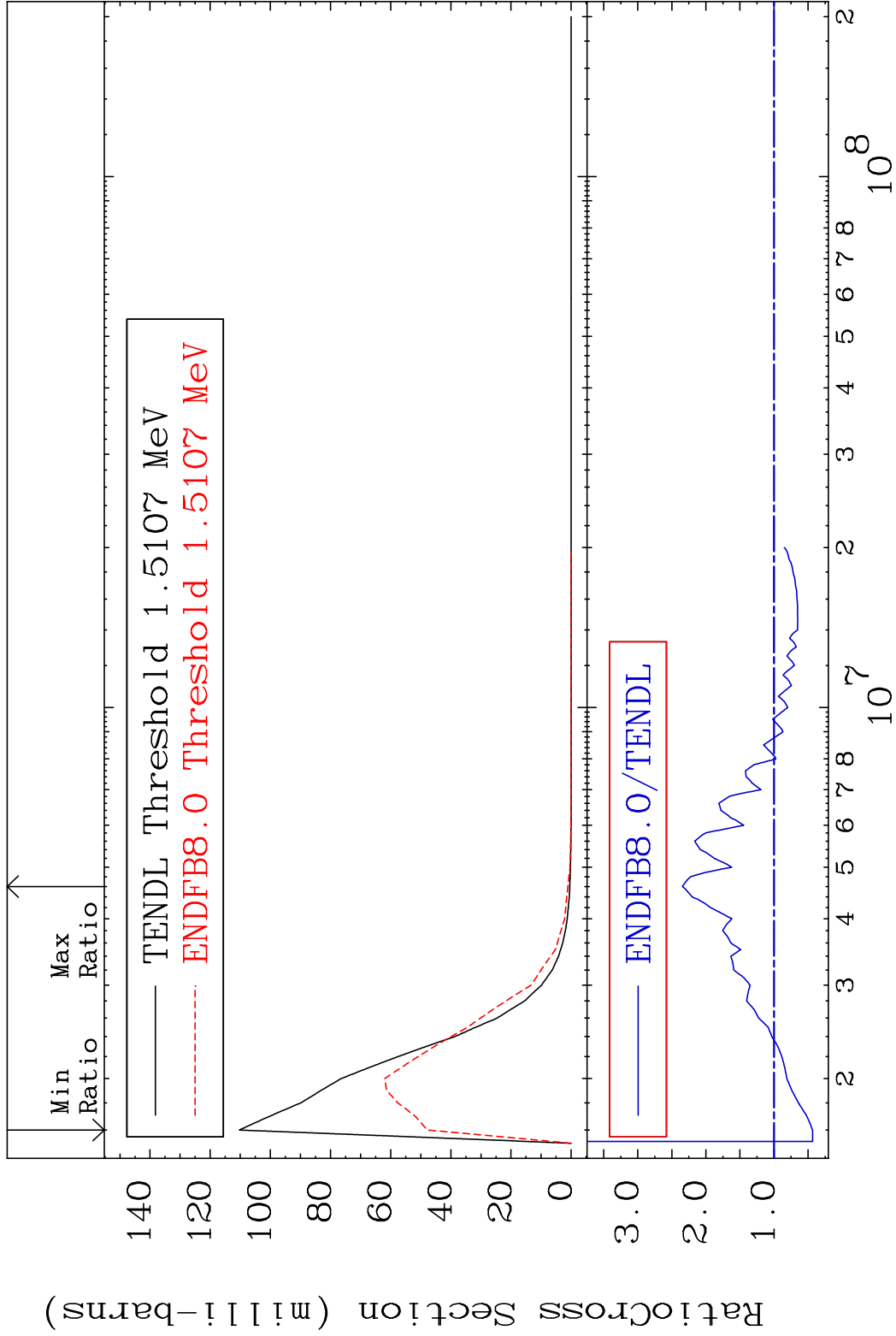




MAT 6631	MT= 68 (n,n')	Level	66-Dy-158
	Cross Section	-100.0 To 8.082 %	



MAT 6631 MT= 69 (n,n') Level 66-Dy-158
Cross Section -56.66 To 134.6 %



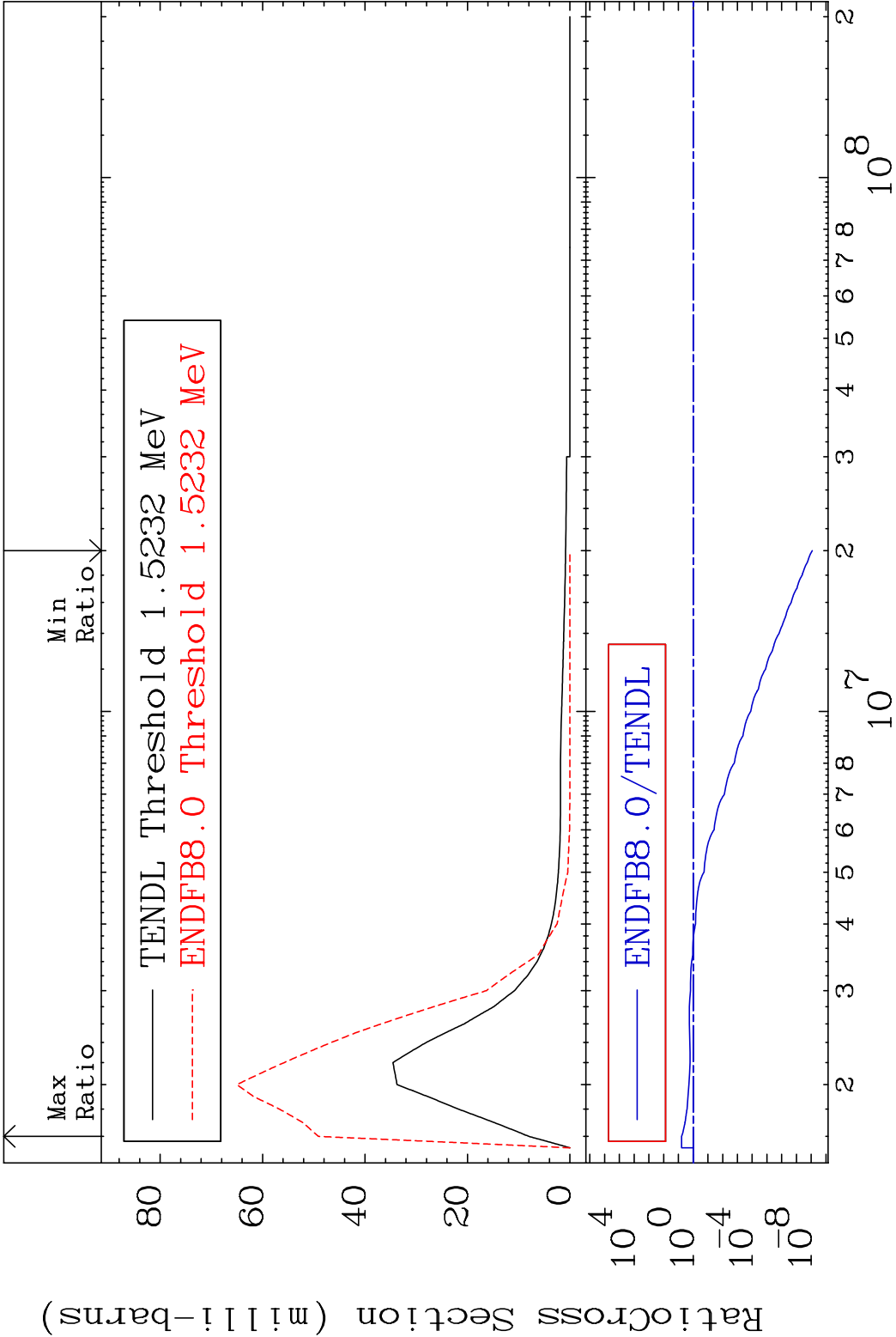
MAT 6631

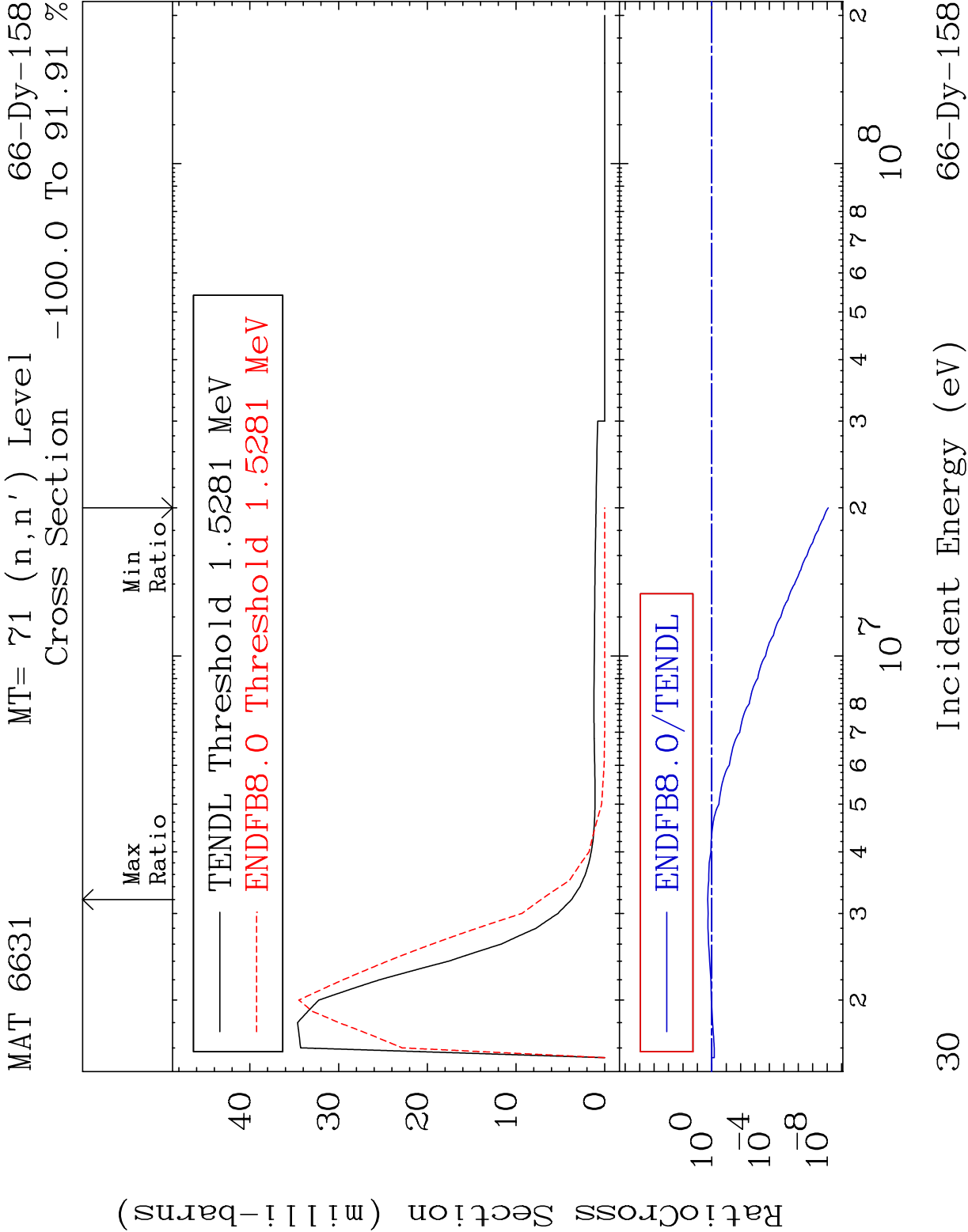
MT= 70 (n,n') Level

66-Dy-158

Cross Section

-100.0 To 512.8 %





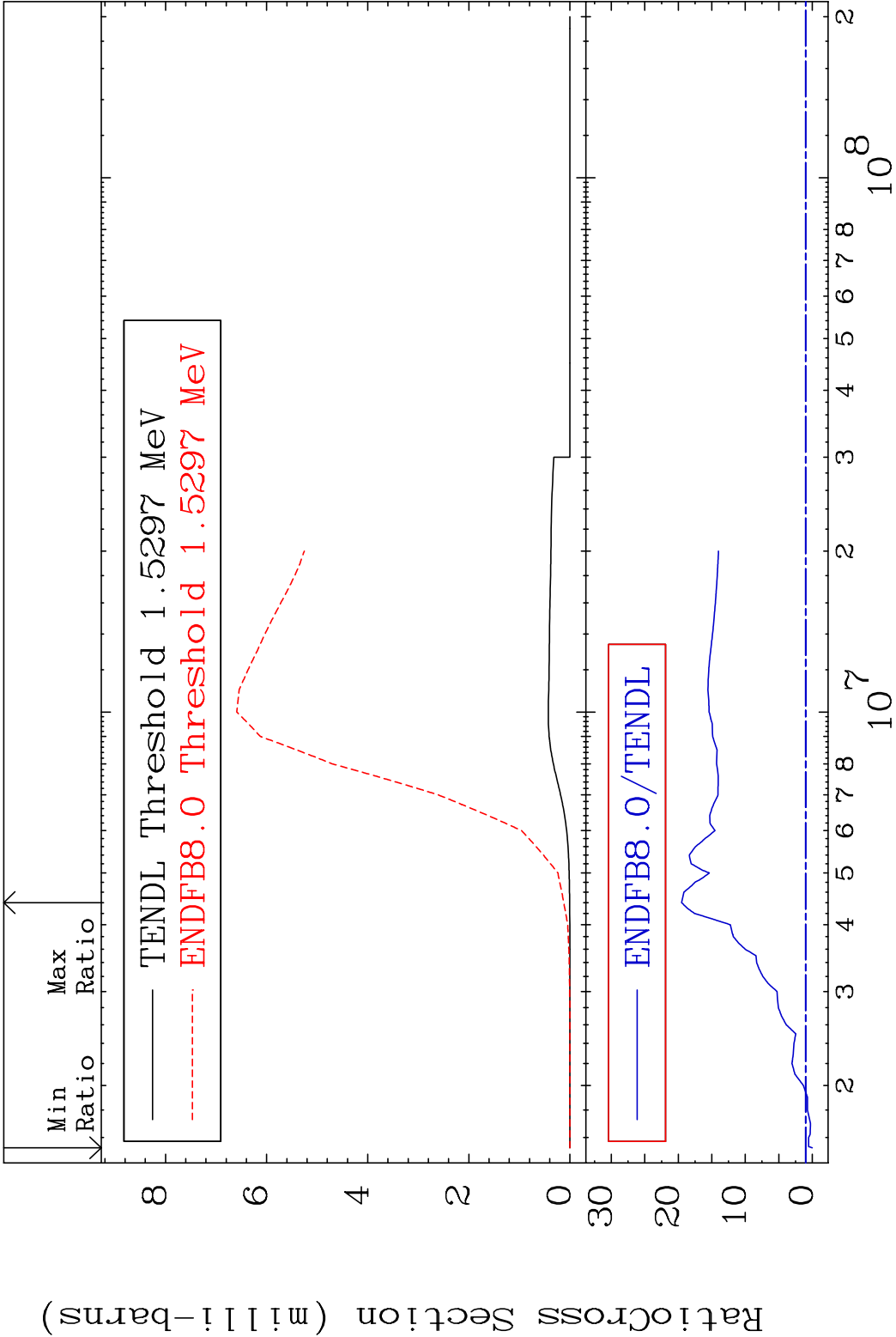
MAT 6631

MT= 72 (n,n') Level

66-Dy-158

Cross Section

-100.0 To 1852. %



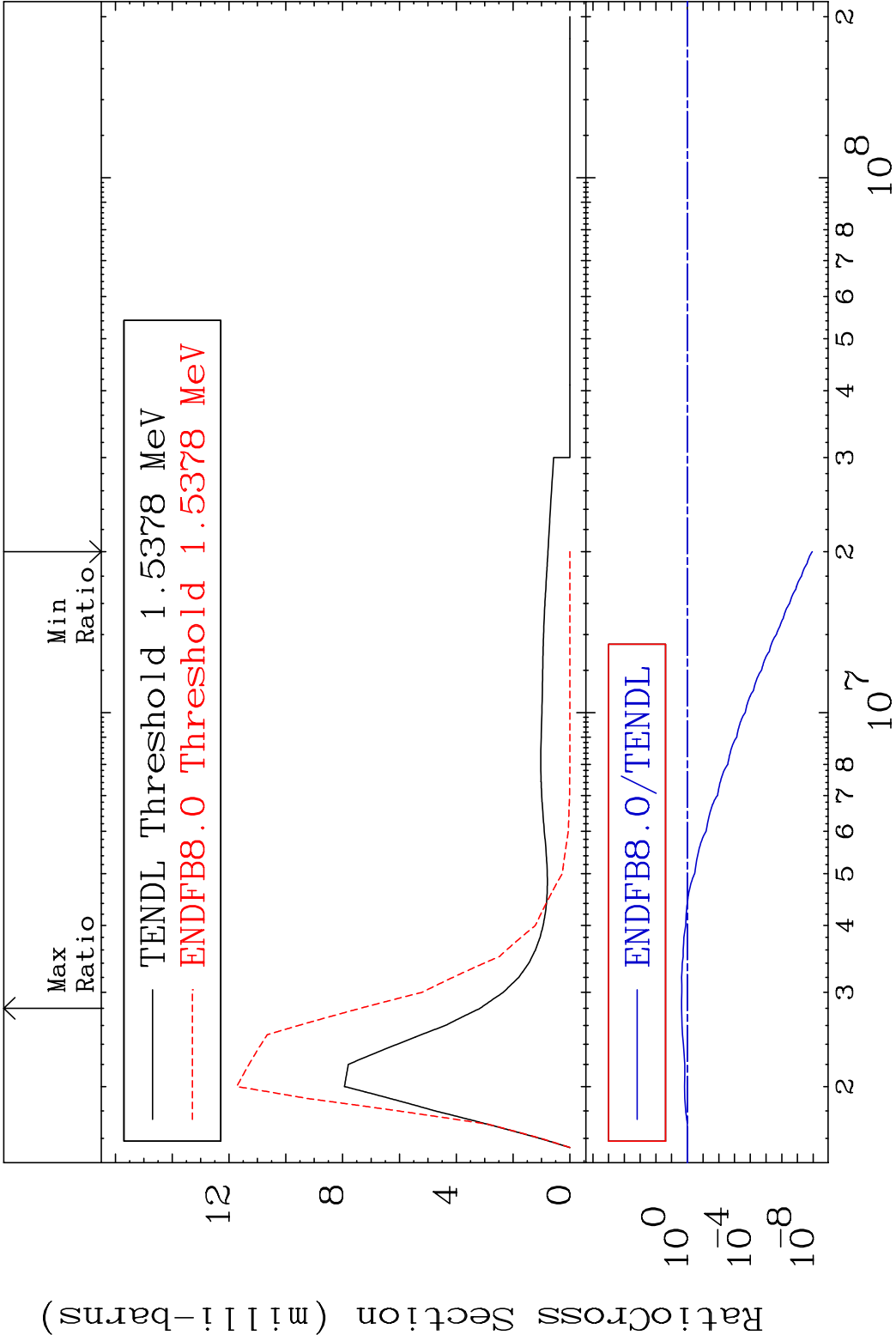
MAT 6631

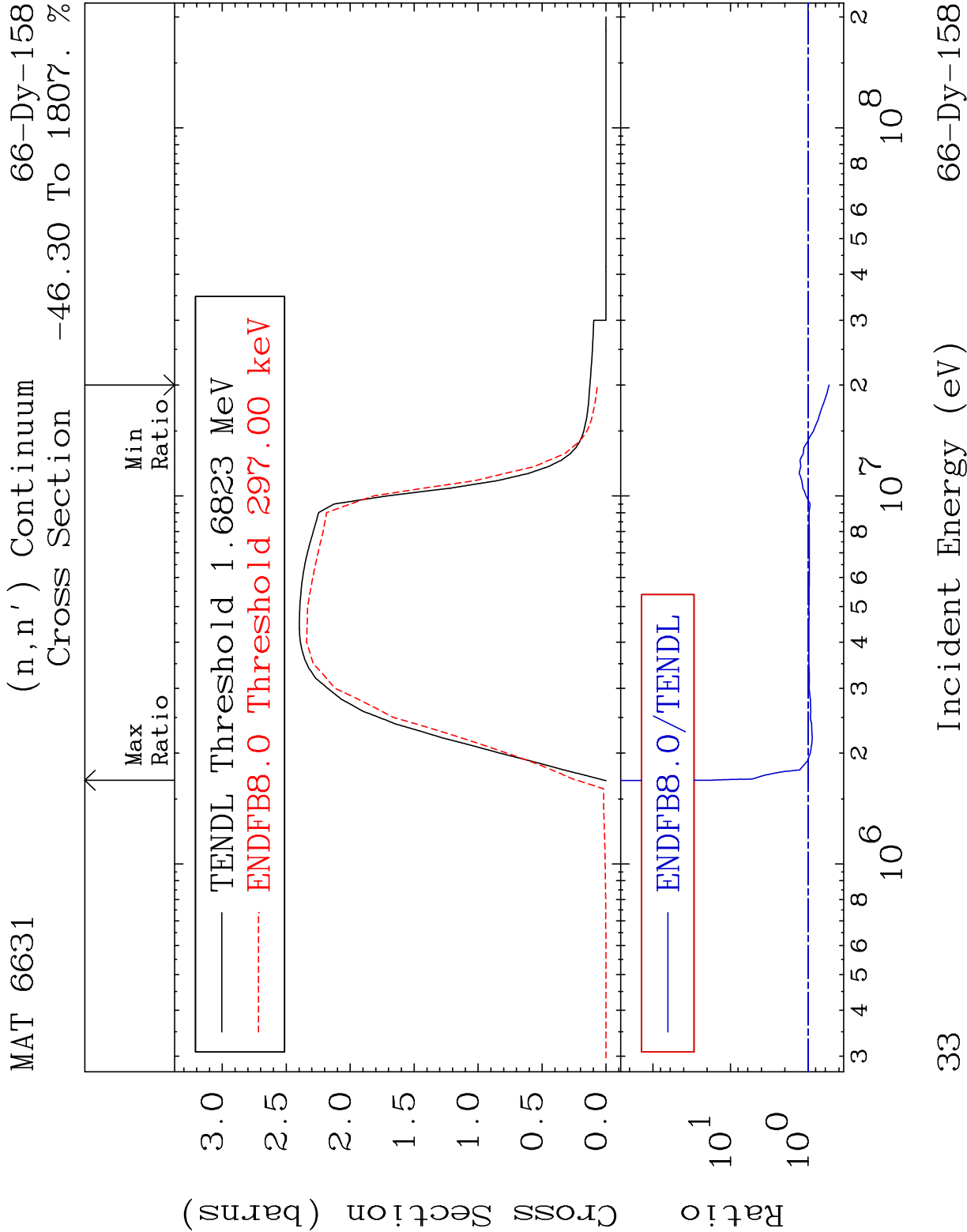
MT= 73 (n,n') Level

66-Dy-158

Cross Section

-100.0 To 133.3 %



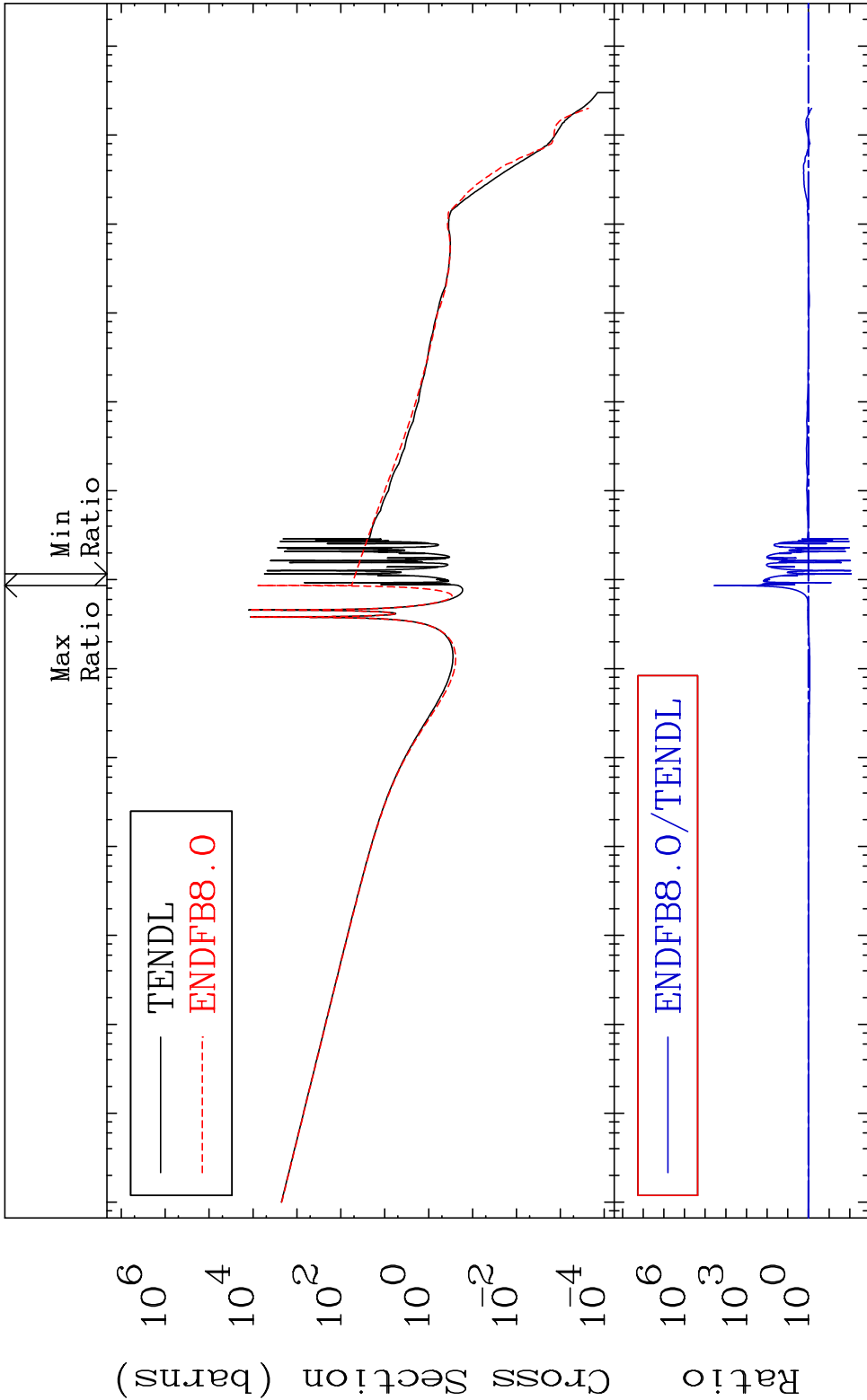


MAT 6631

(n, γ)

66-Dy-158

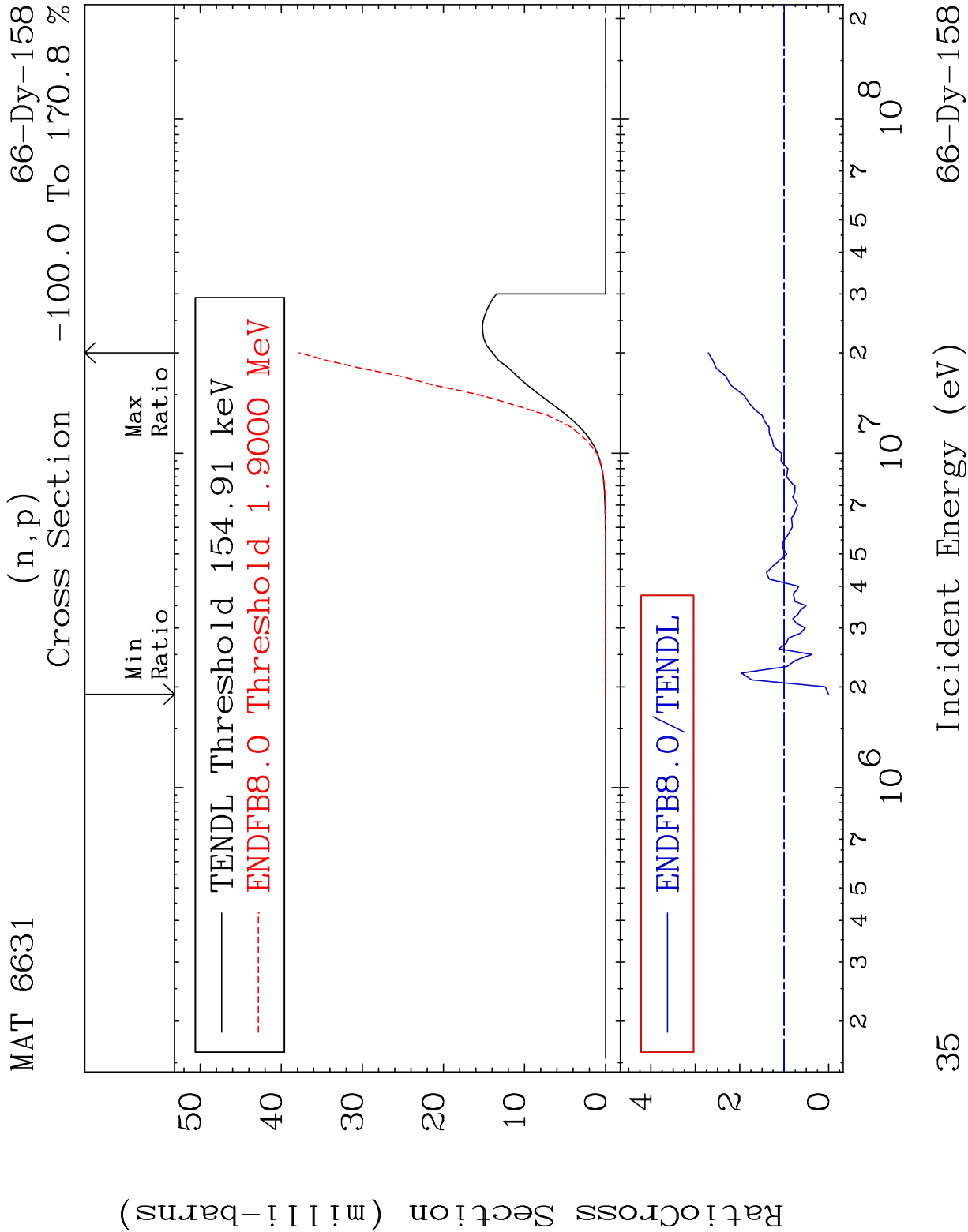
Cross Section -99.15 To 9999. %

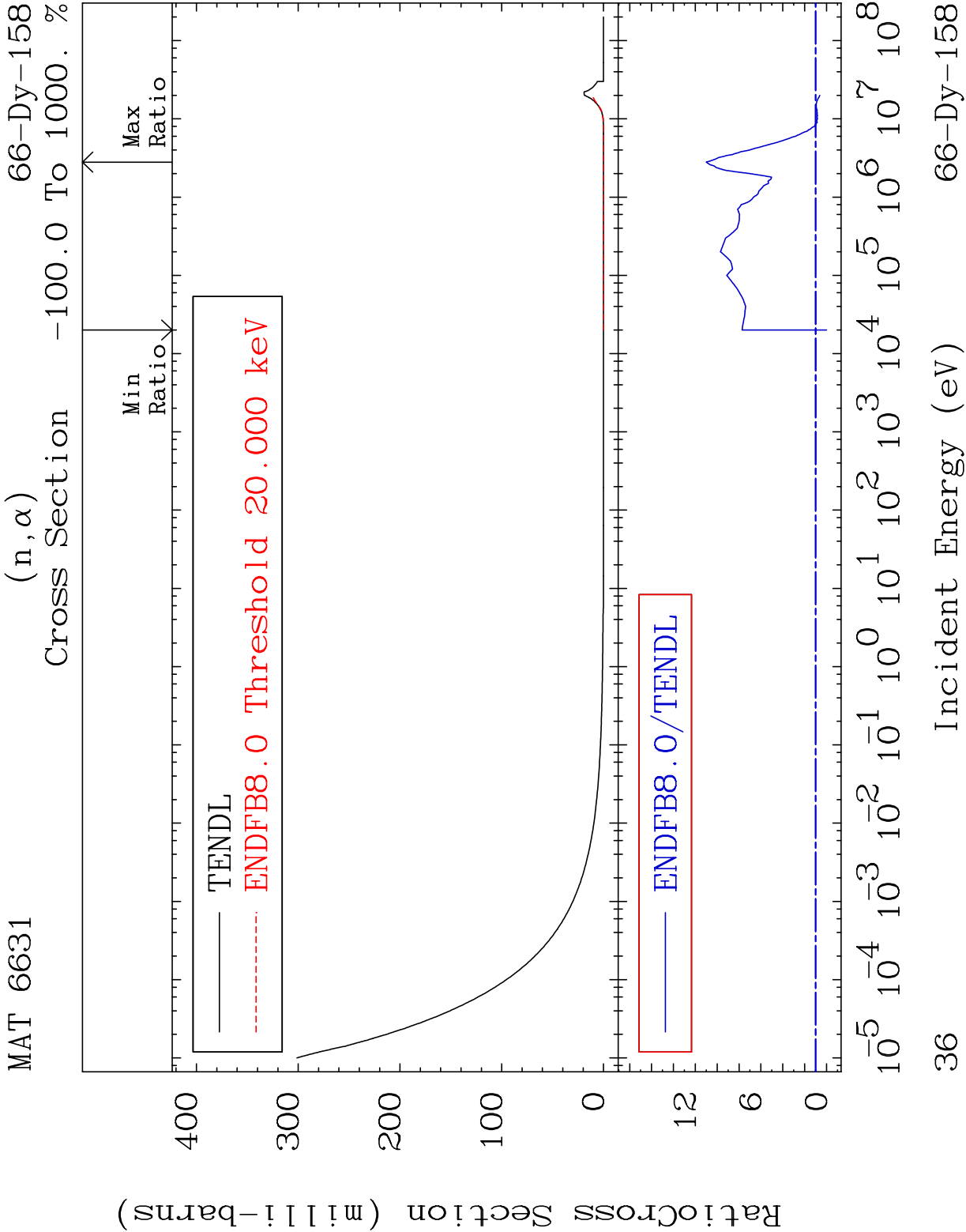


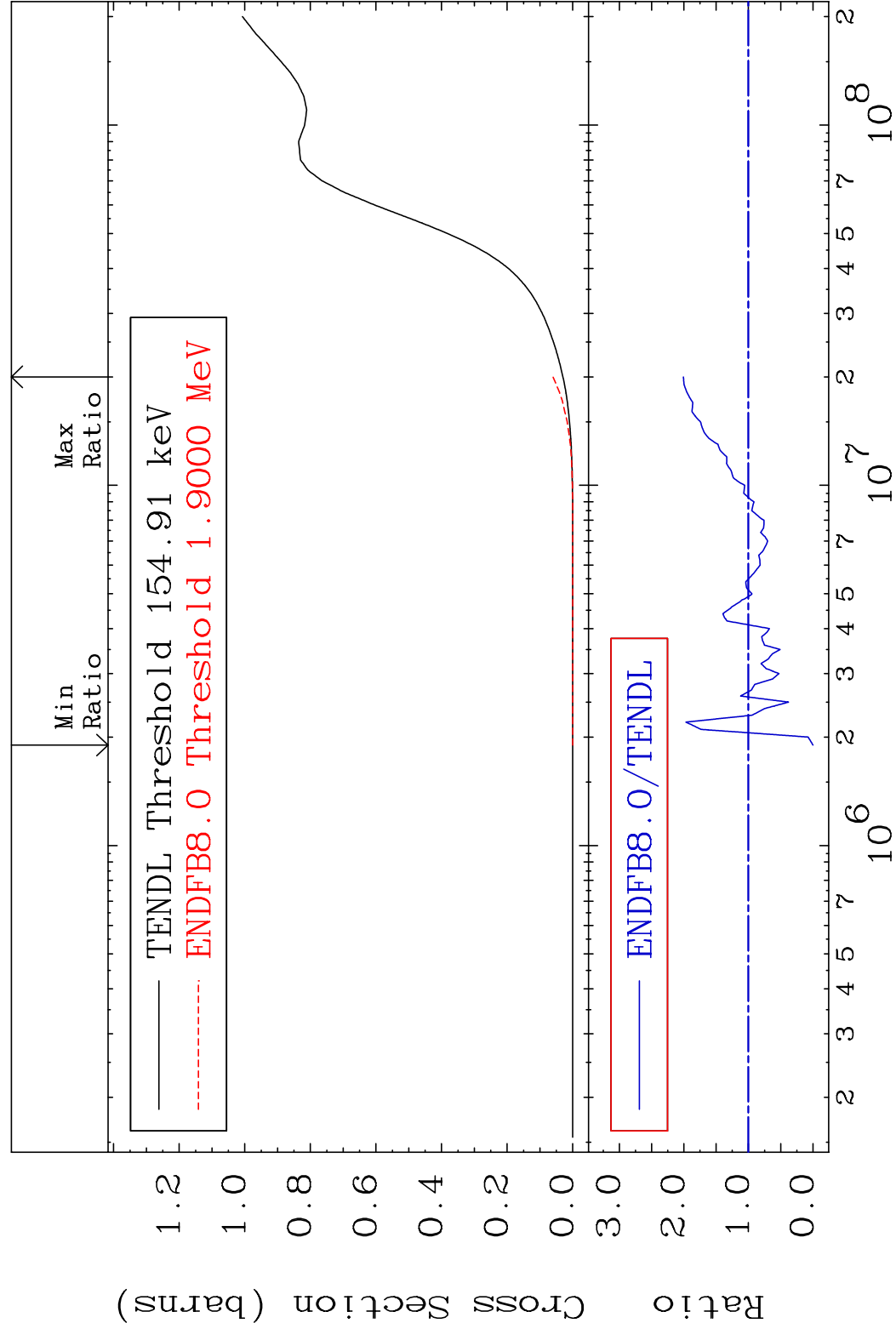
34

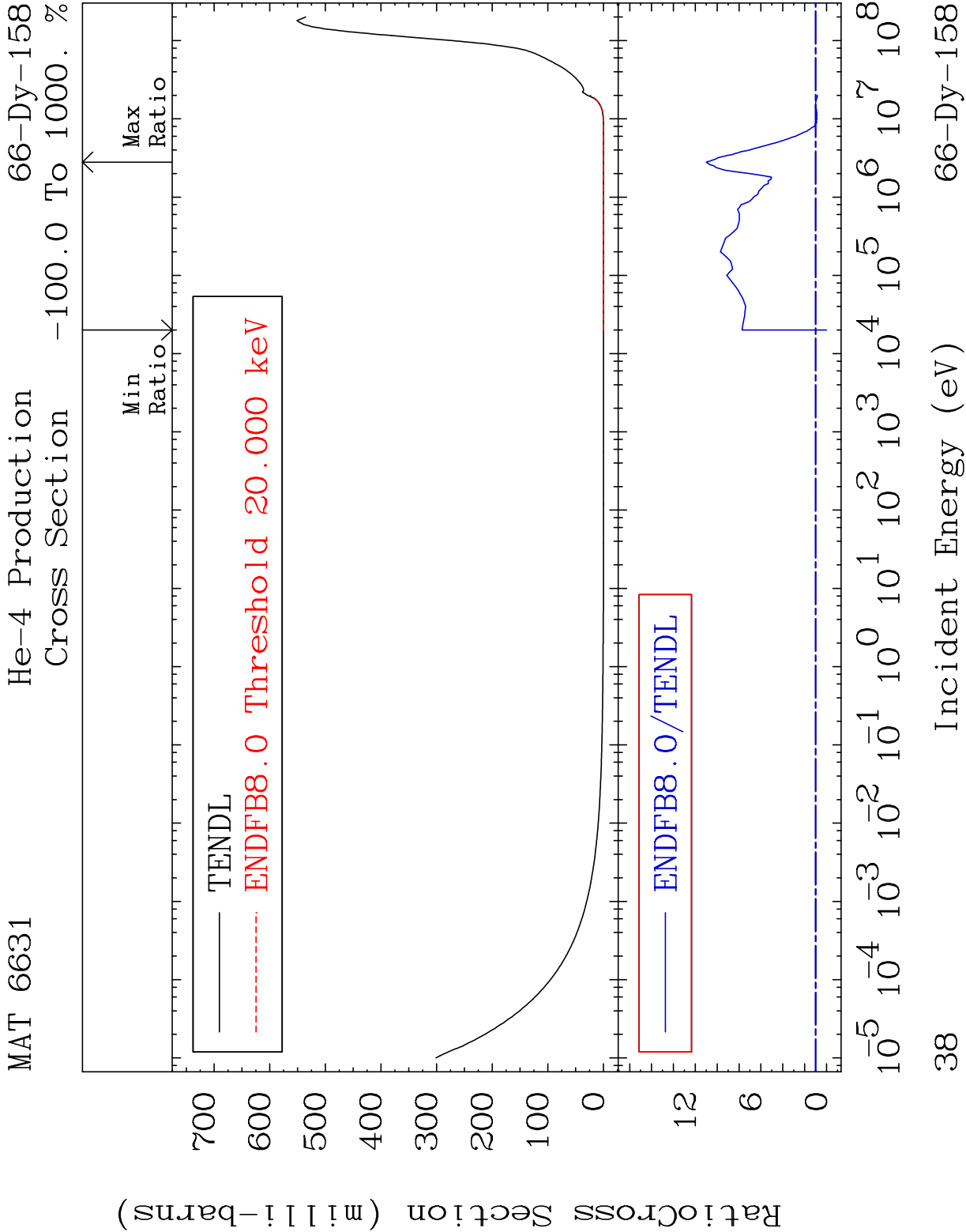
Incident Energy (eV)

66-Dy-158

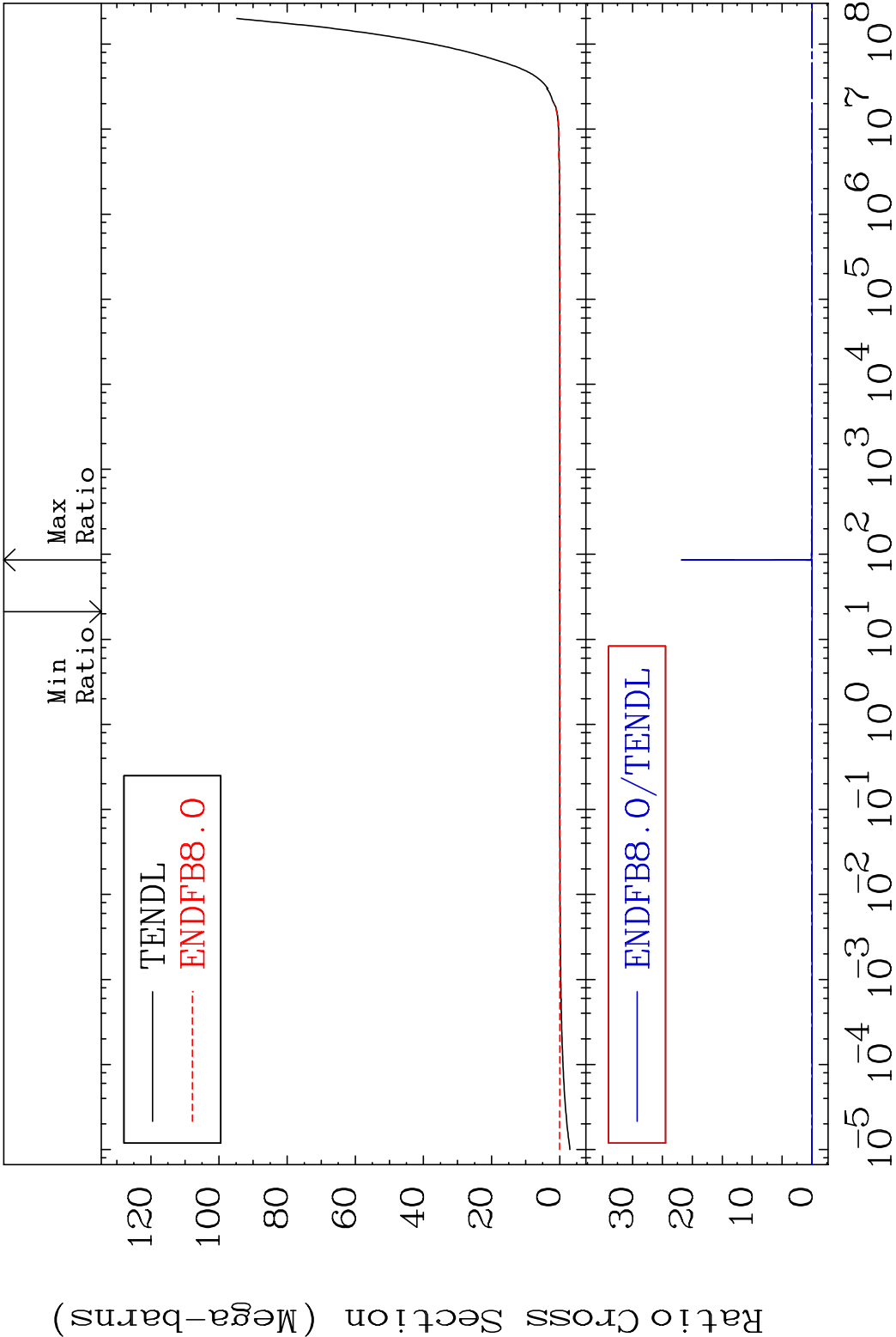






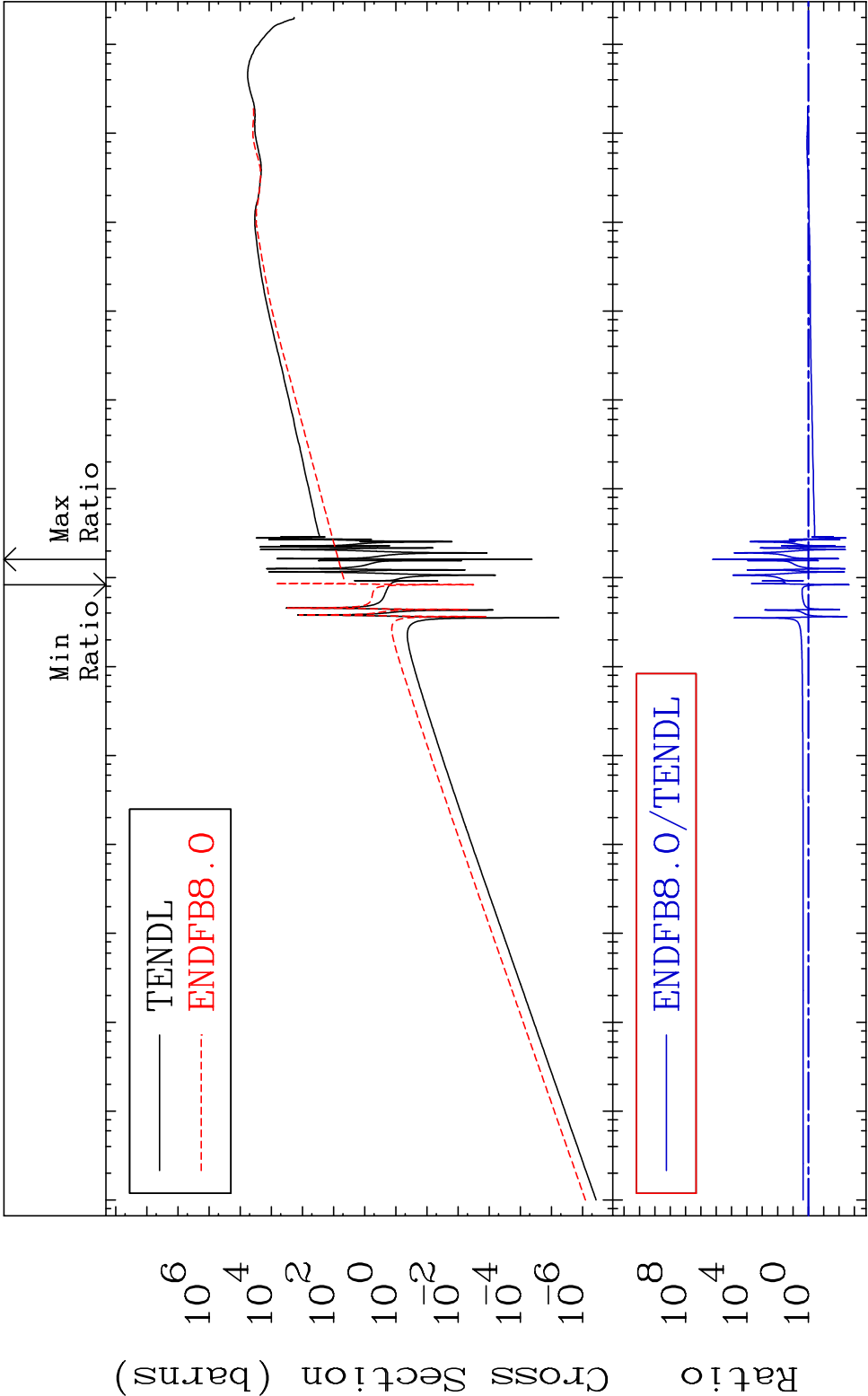


MAT 6631 Kerma total (eV-barns) 66-Dy-158
Cross Section -3826. To 9999. %



39 Incident Energy (eV) 66-Dy-158

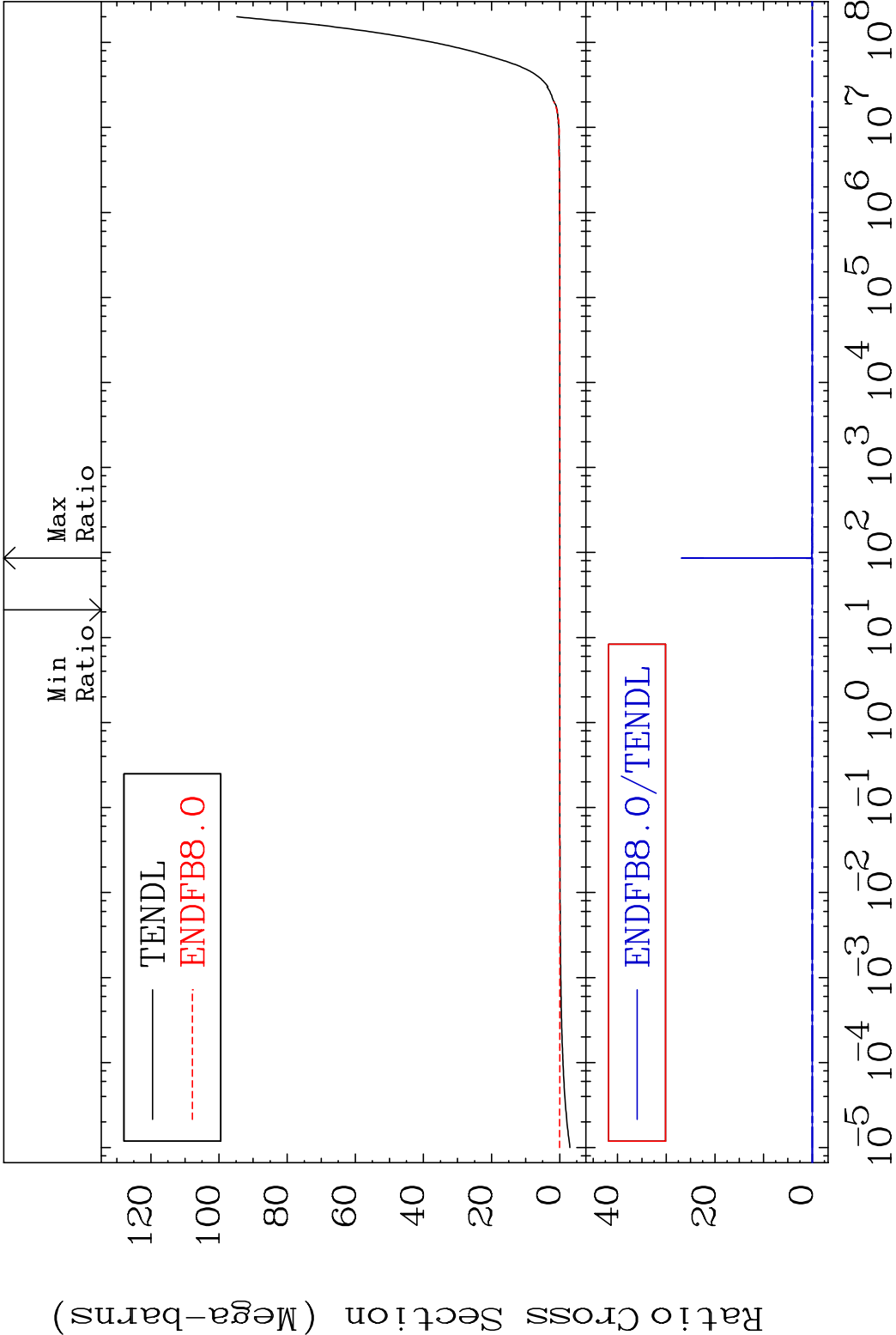
MAT 6631 Kerma elastic 66-Dy-158
Cross Section -99.79 To 9999. %



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

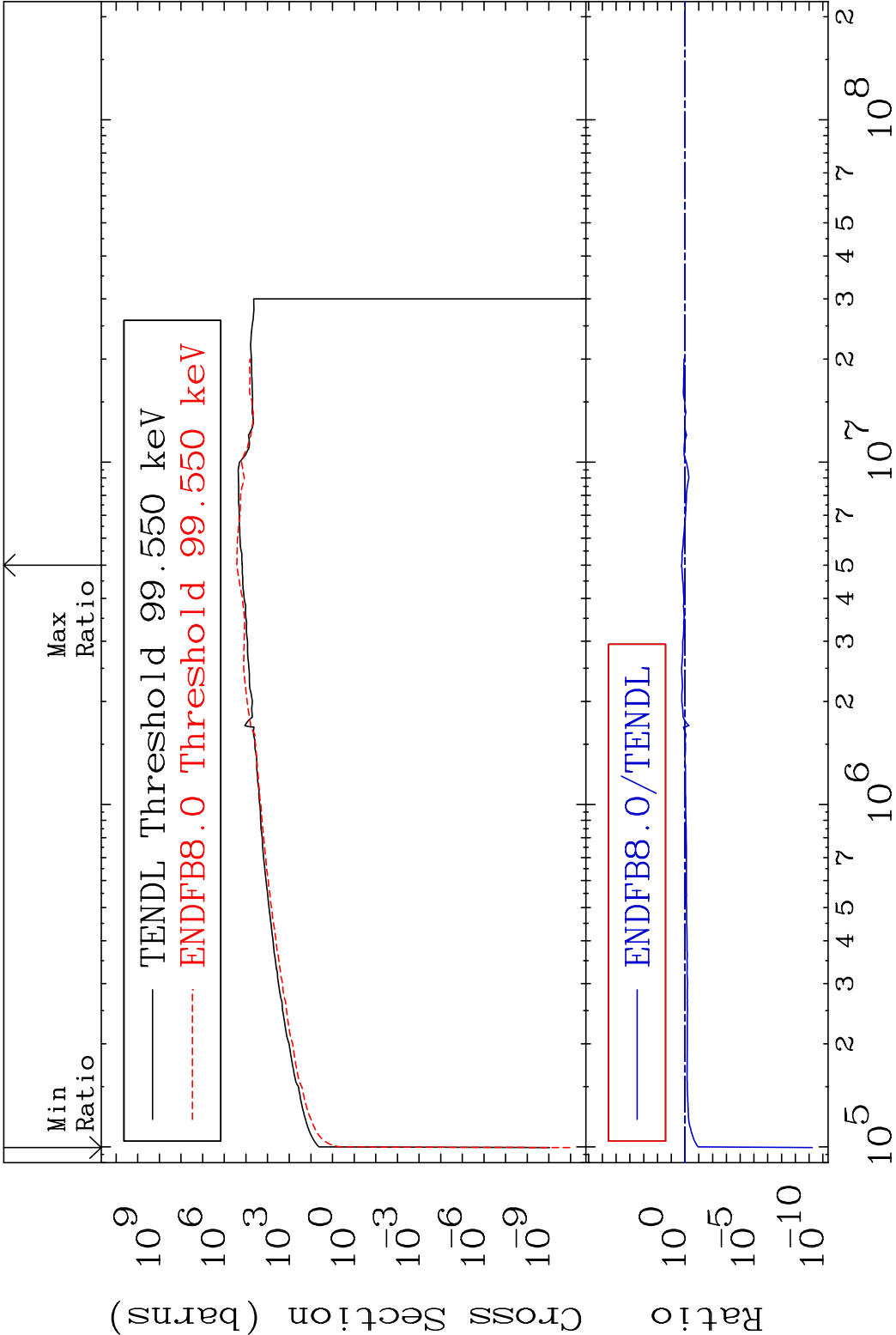
40 Incident Energy (eV) 66-Dy-158

MAT 6631 Kerma non-elastic (all but mt2) 66-Dy-158
Cross Section -981.8 To 9999. %



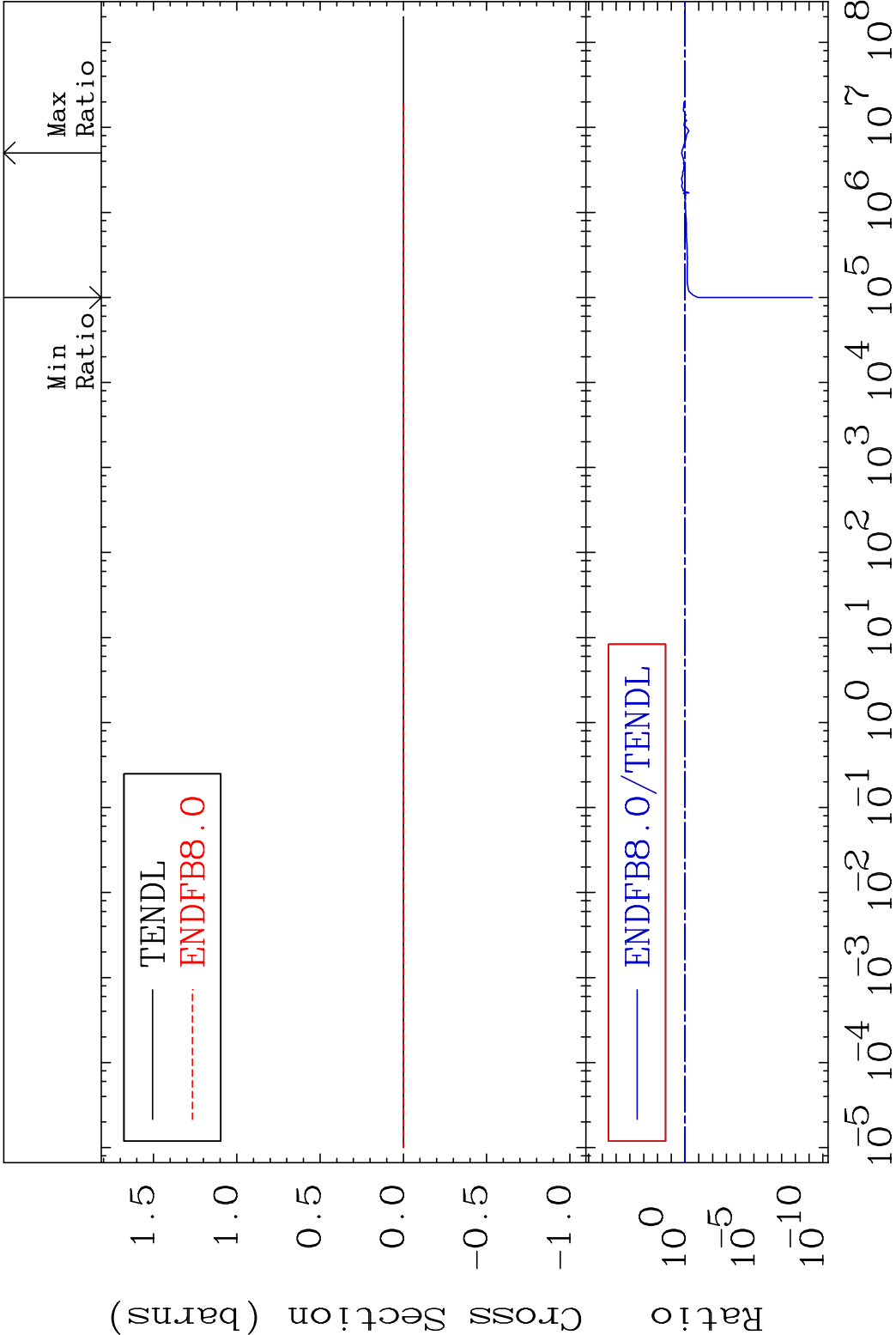
41 Incident Energy (eV) 66-Dy-158

MAT 6631 Kerma inelastic (mt51-91) 66-Dy-158
Cross Section -100.0 To 80.12 %



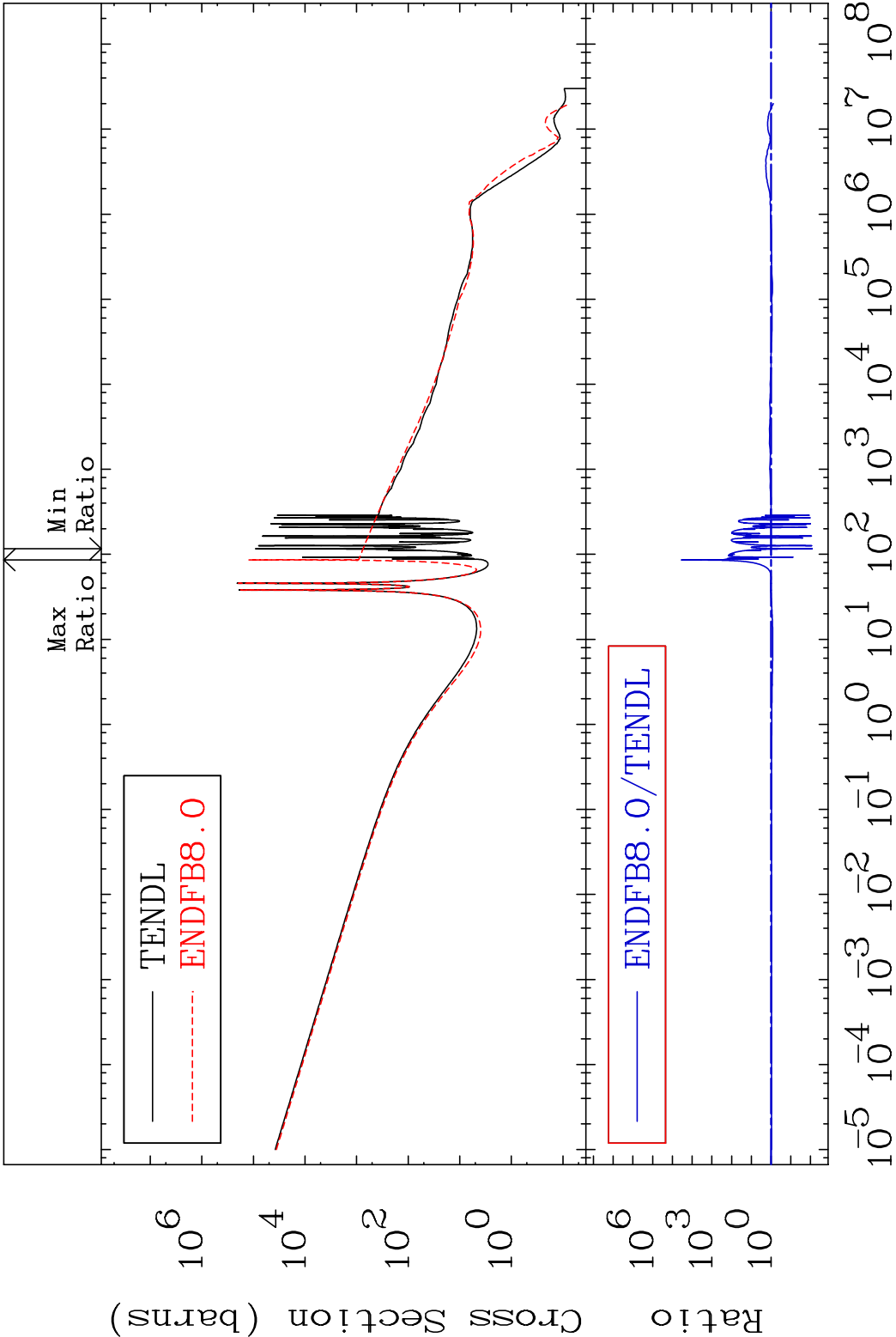
42 Incident Energy (eV) 66-Dy-158

MAT 6631 Kerma fission (mt18 or mt19-20-21-38)66-Dy-158
Cross Section -100.0 To 80.12 %

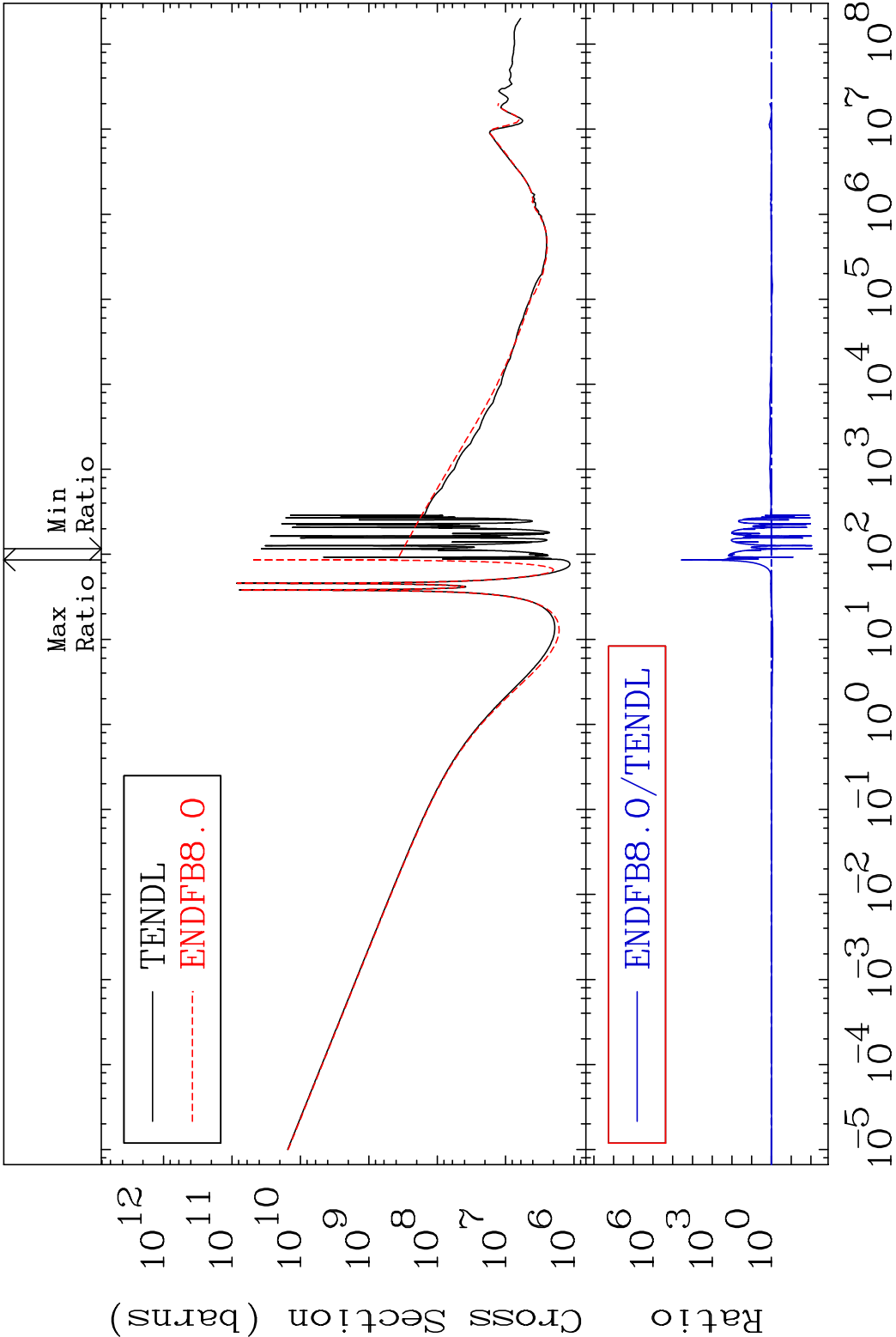


43 Incident Energy (eV) 66-Dy-158

MAT 6631	Kerma capture (mt102)	66-Dy-158
	Cross Section	-99.18 To 9999. %

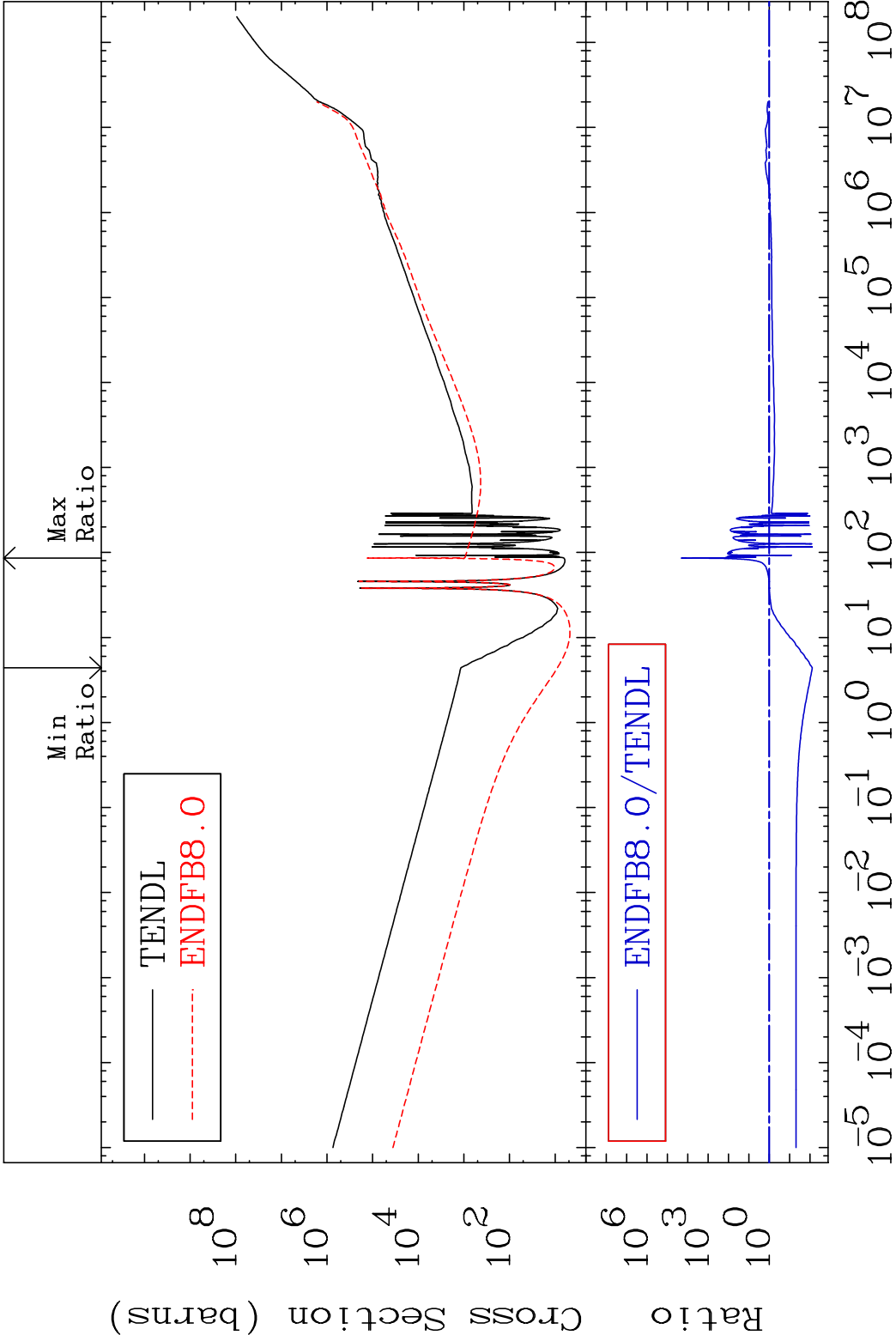


MAT 6631 Total photon (eV-barns) 66-Dy-158
Cross Section -99.15 To 9999. %

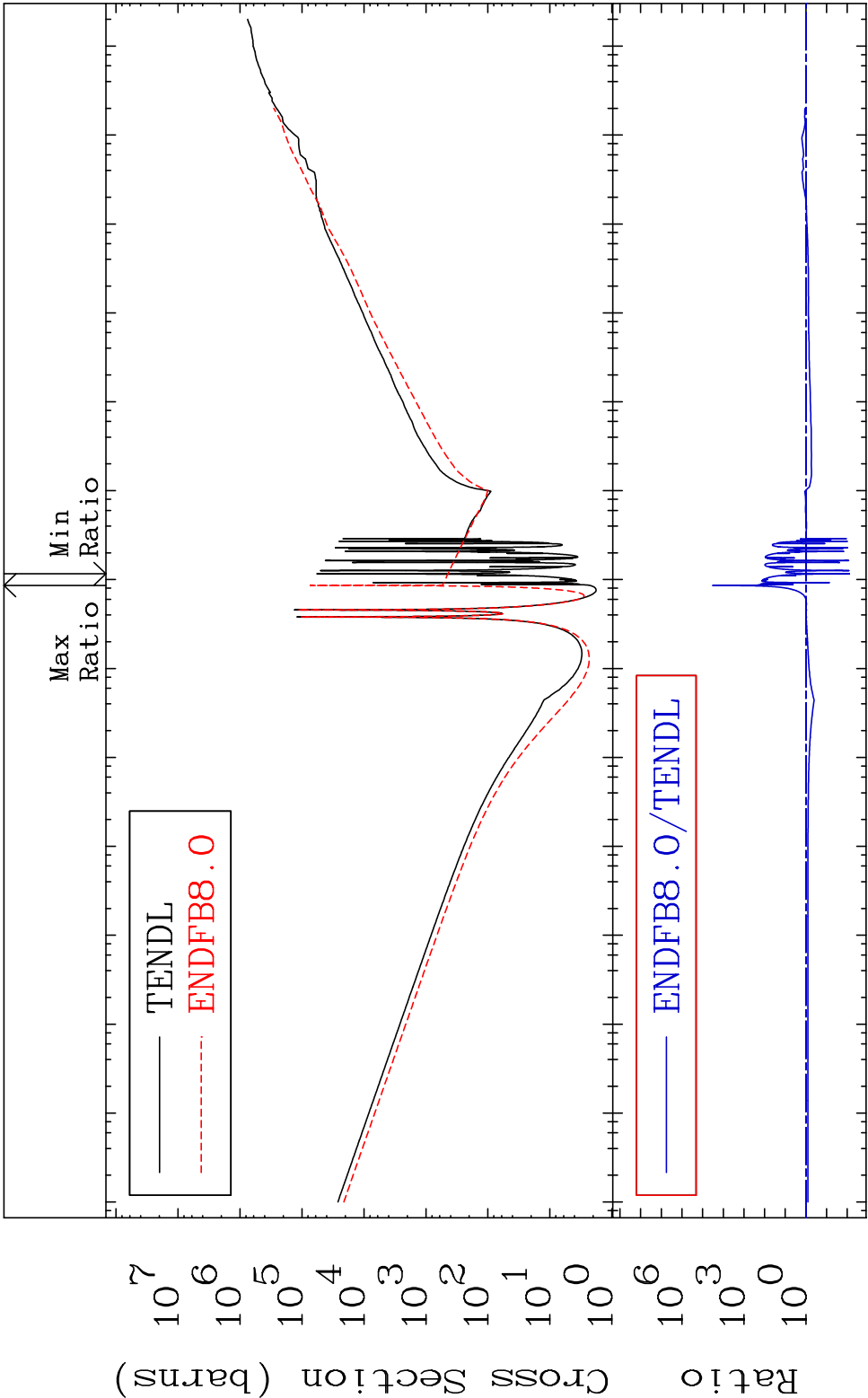


45 Incident Energy (eV) 66-Dy-158

MAT 6631 Total kinematic kerma (high limit) 66-Dy-158
Cross Section -99.23 To 9999. %



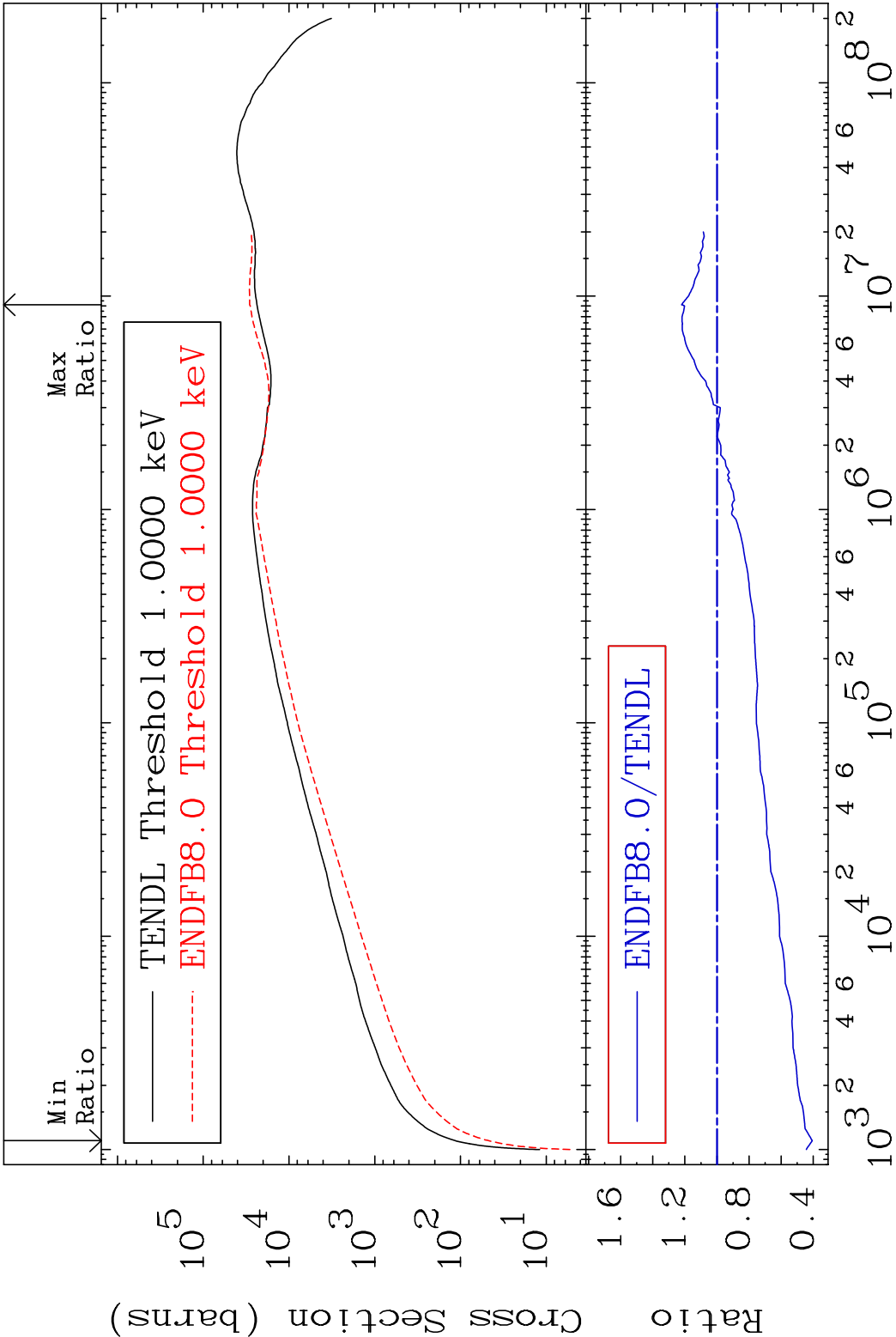
MAT 6631 Dpa total (eV-barns) 66-Dy-158
Cross Section -99.23 To 9999. %



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

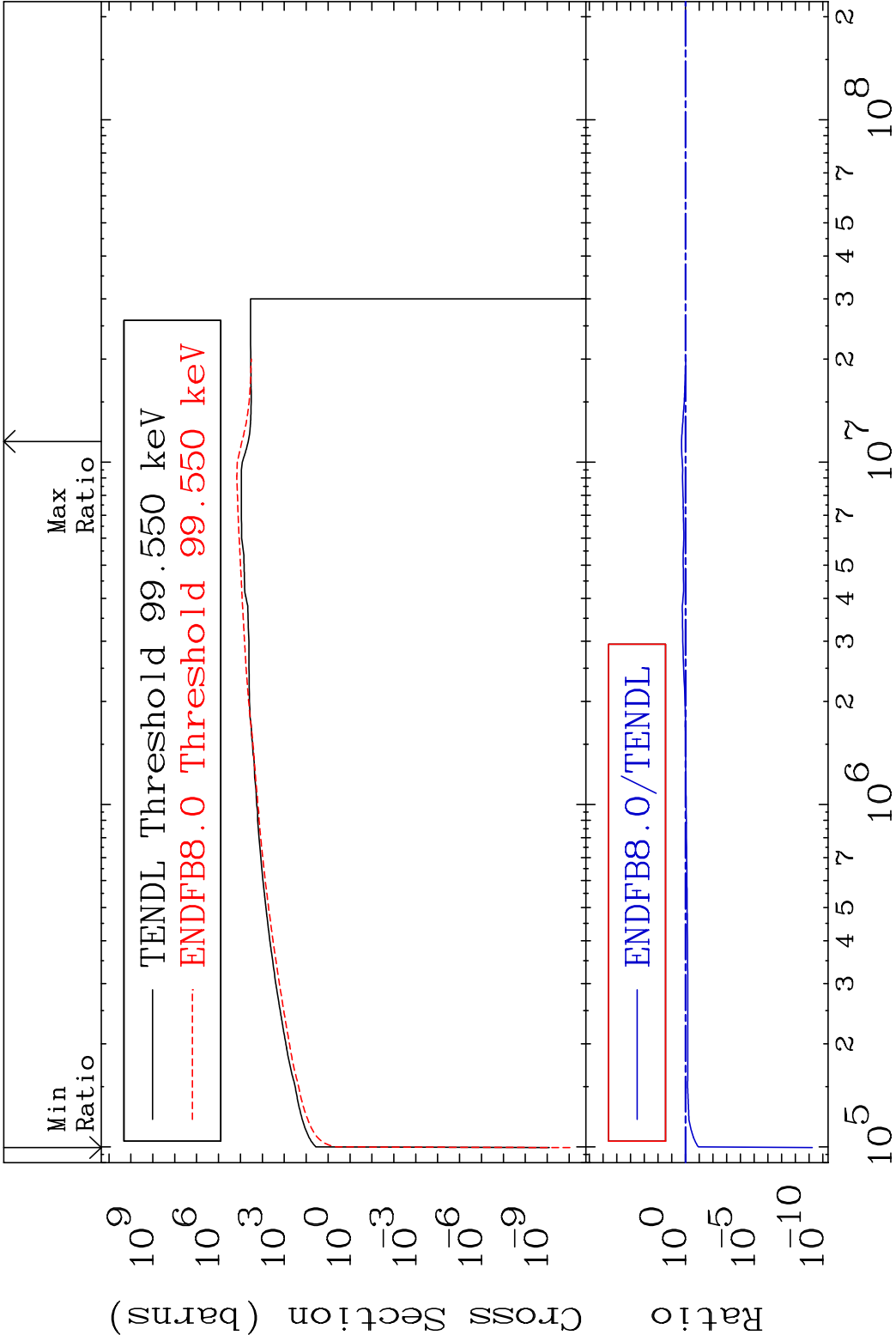
47 Incident Energy (eV) 66-Dy-158

MAT 6631 Dpa elastic (mt2) 66-Dy-158
Cross Section -59.33 To 22.07 %



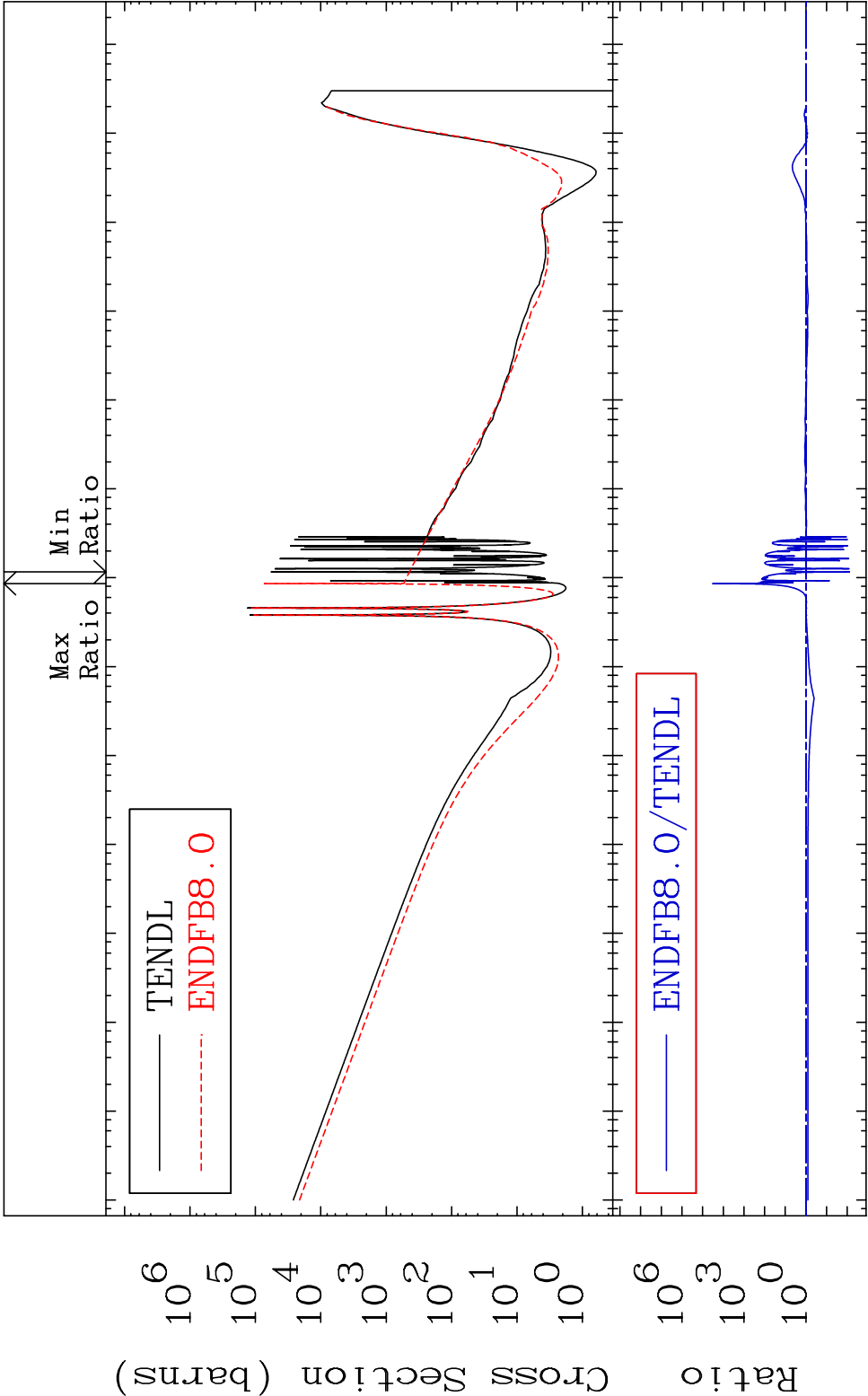
48 Incident Energy (eV) 66-Dy-158

MAT 6631 Dpa inelastic (mt51-91) 66-Dy-158
Cross Section -100.0 To 93.16 %



49 Incident Energy (eV) 66-Dy-158

MAT 6631 Dpa disappearance (mt102 -120) 66-Dy-158
Cross Section -99.23 To 9999. %



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

50 Incident Energy (eV) 66-Dy-158