

Program Complot
(Version 2021-1)

by

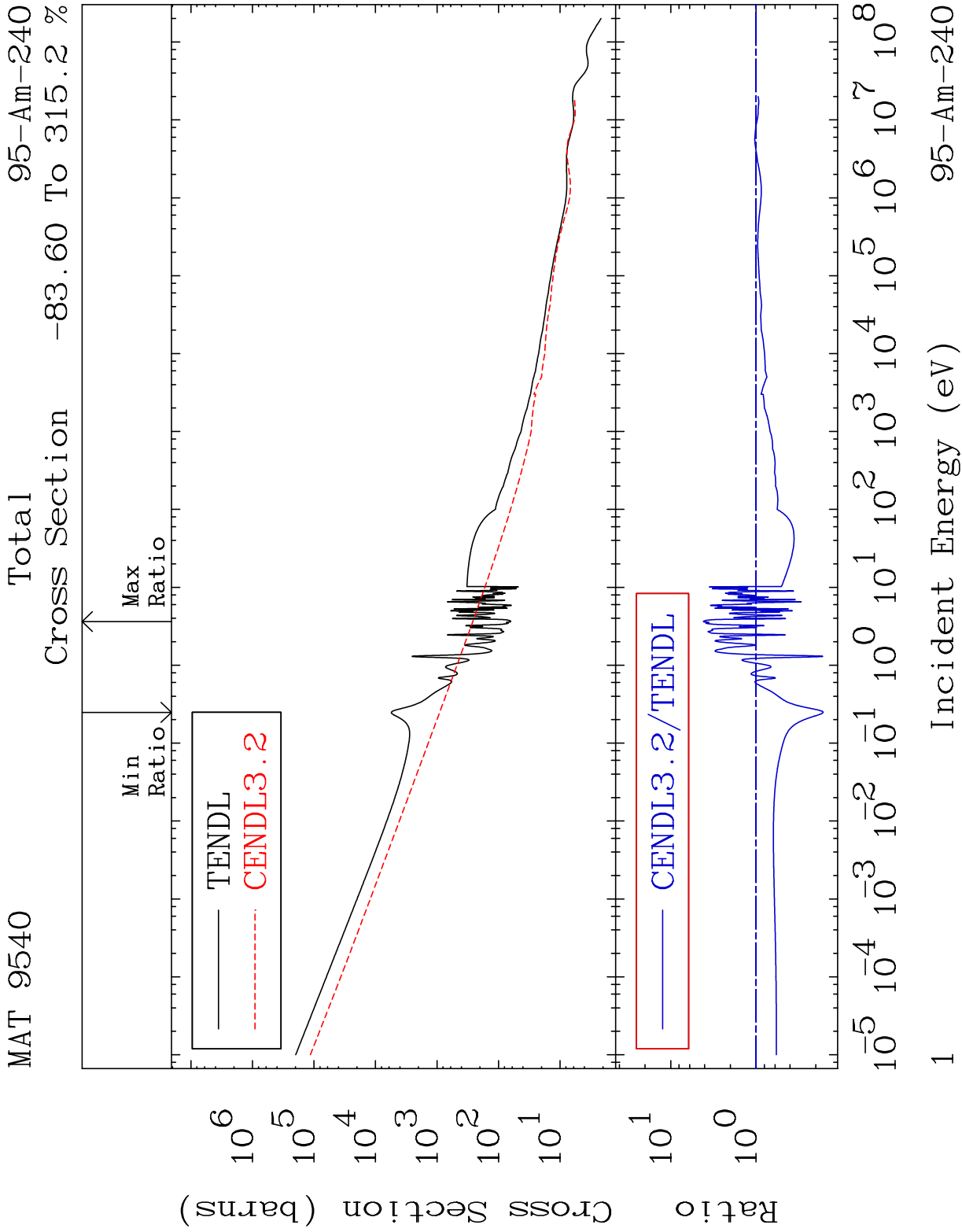
Dermott E. Cullen
(Present Contact Information)

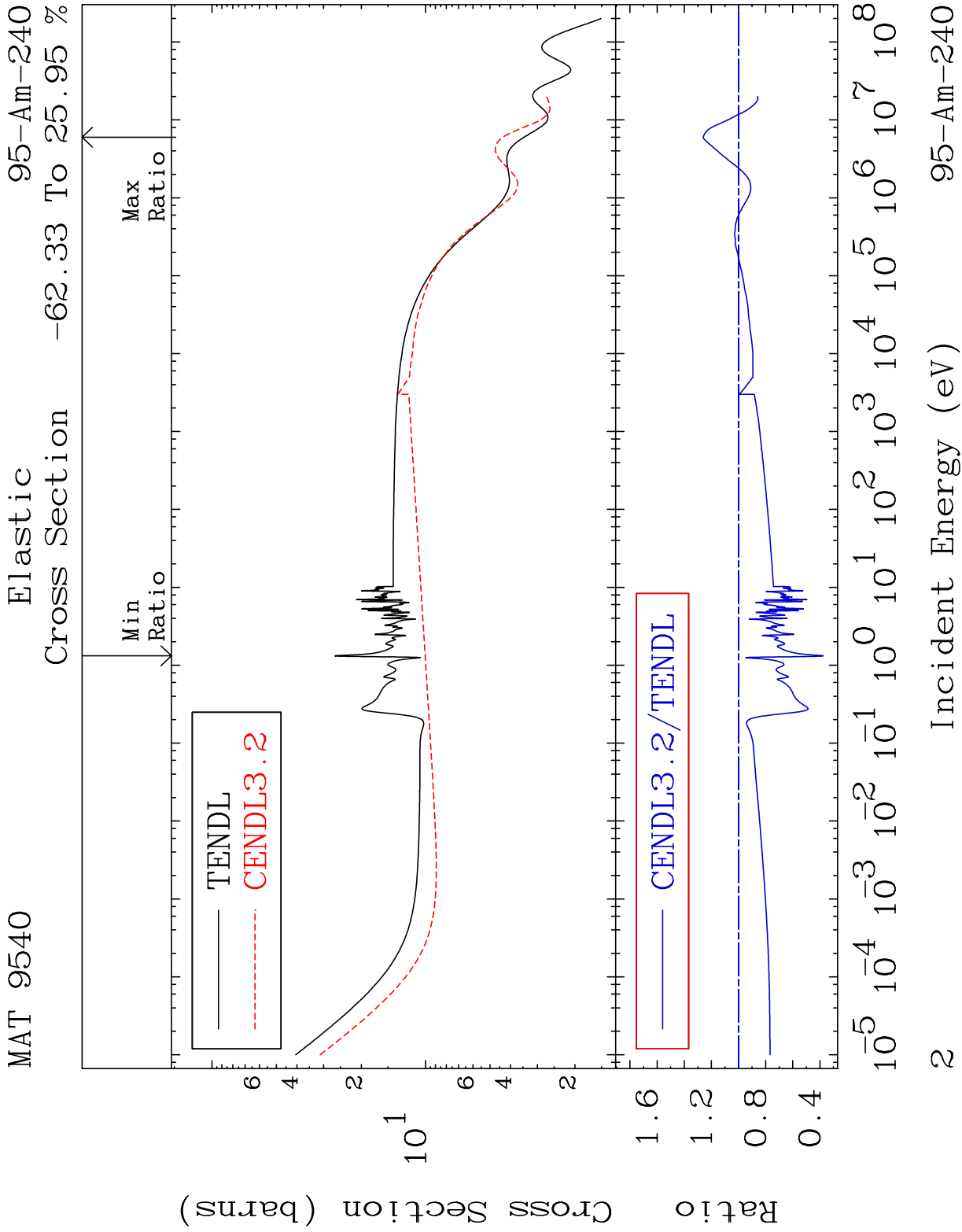
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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Tele: 925-443-1911

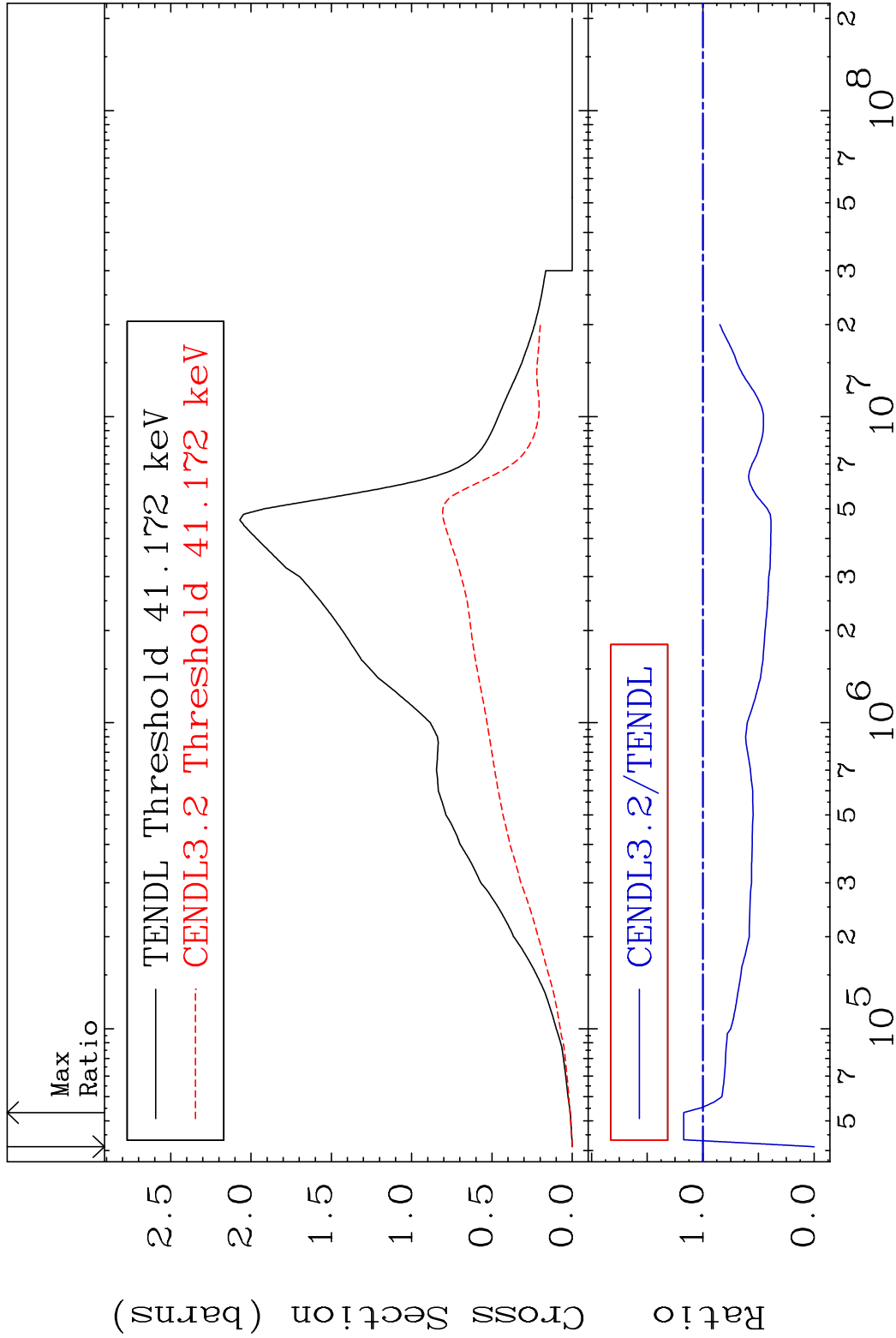
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

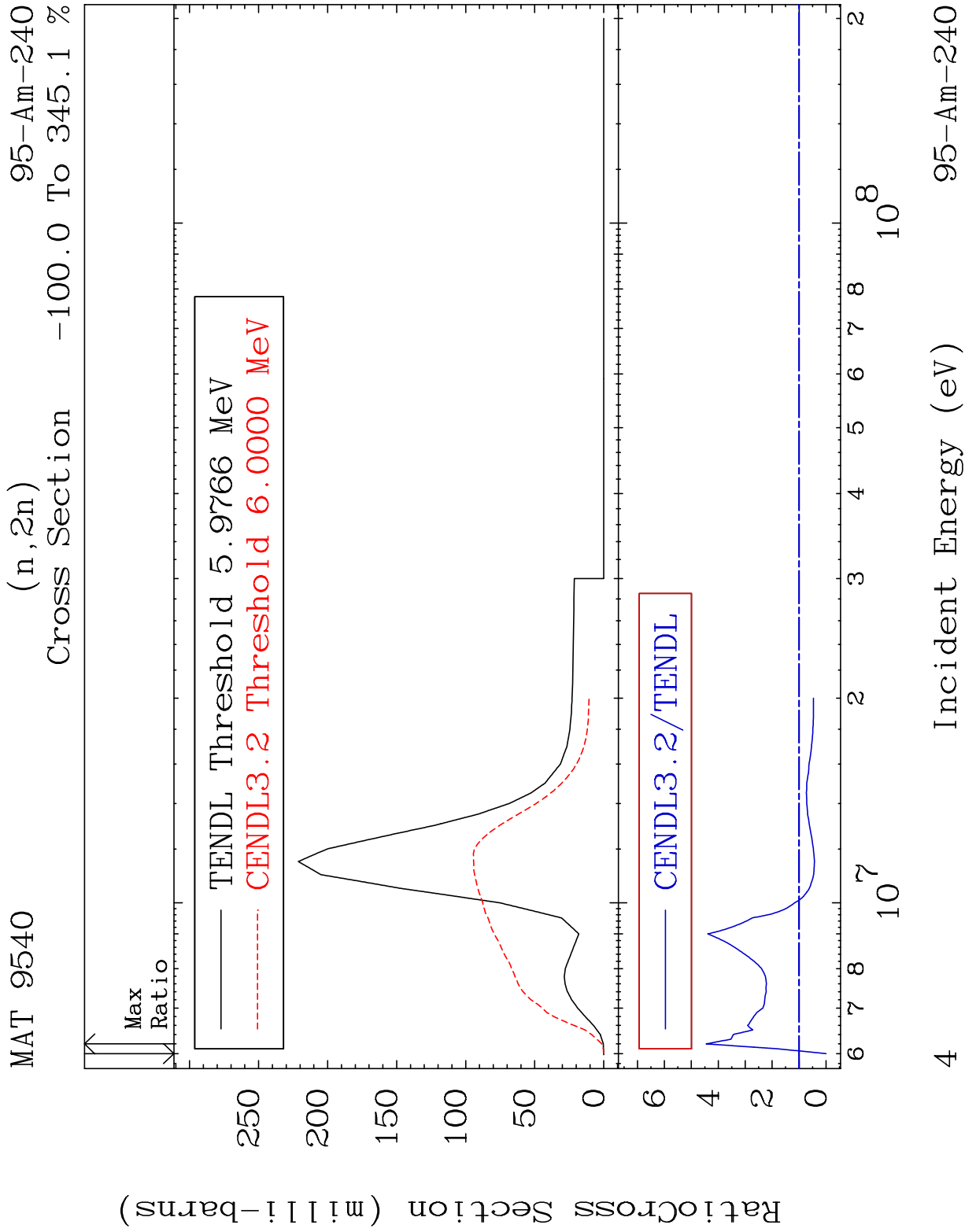


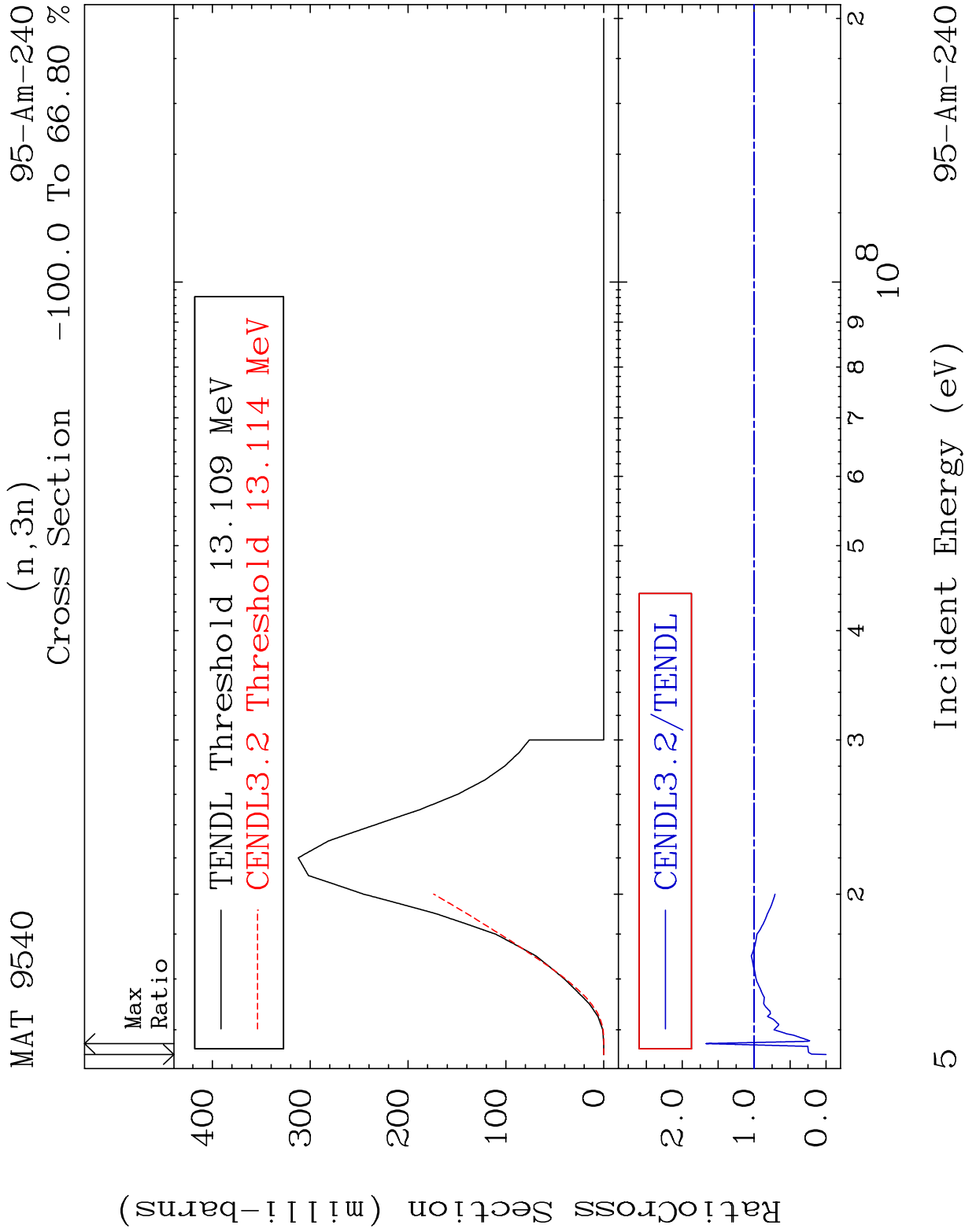


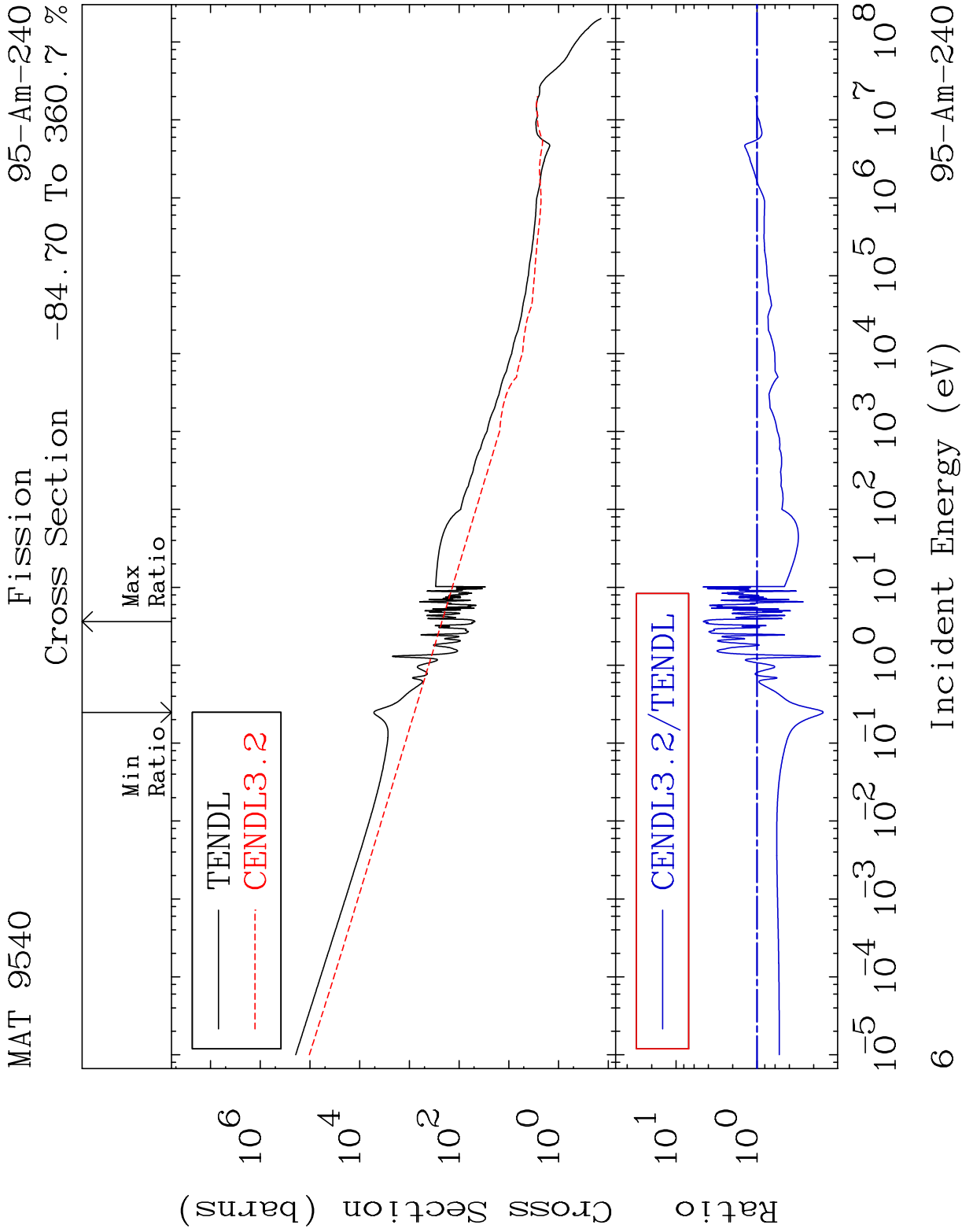
MAT 9540 Inelastic 95-Am-240
Cross Section -100.0 To 17.23 %



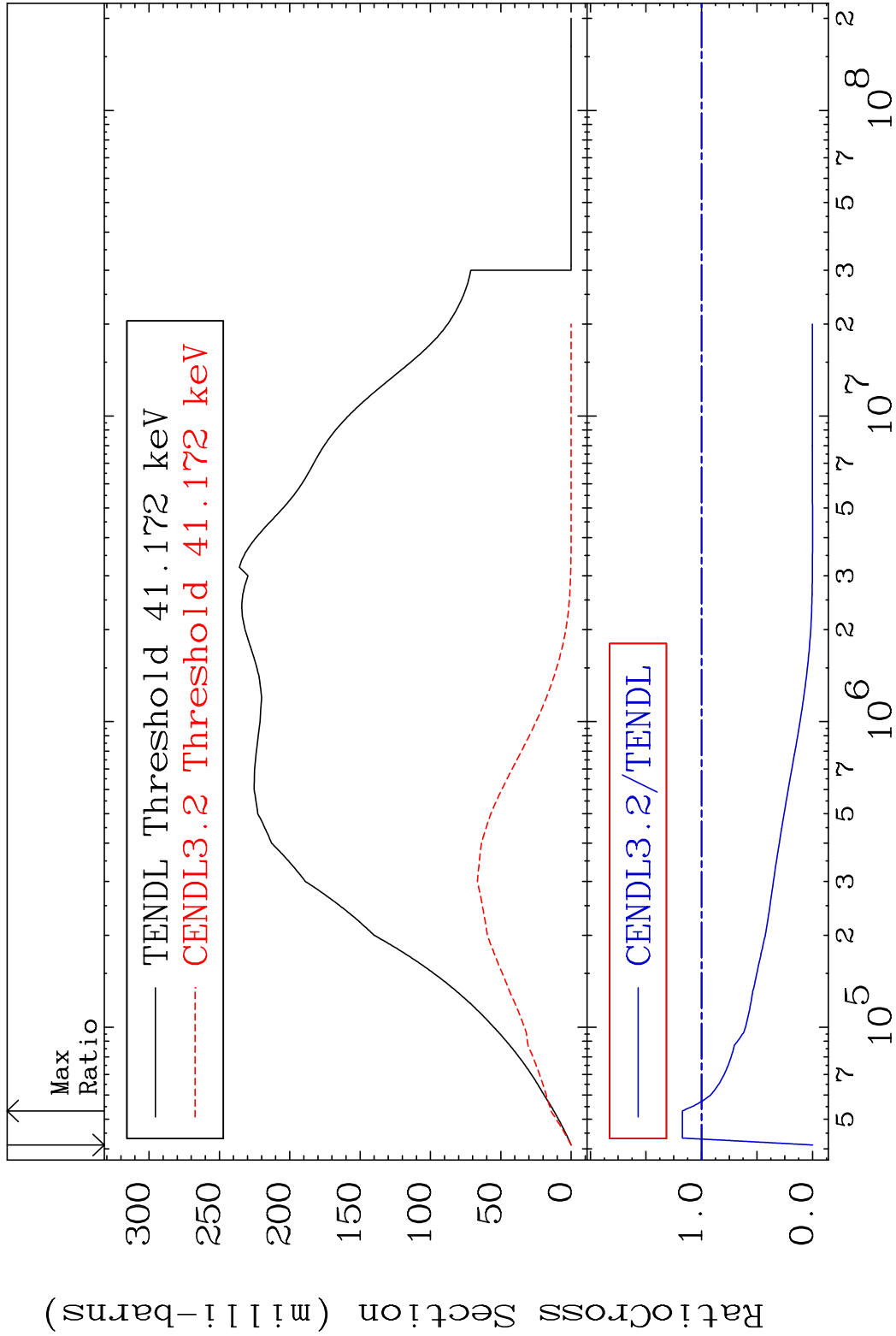
3 Incident Energy (eV) 95-Am-240



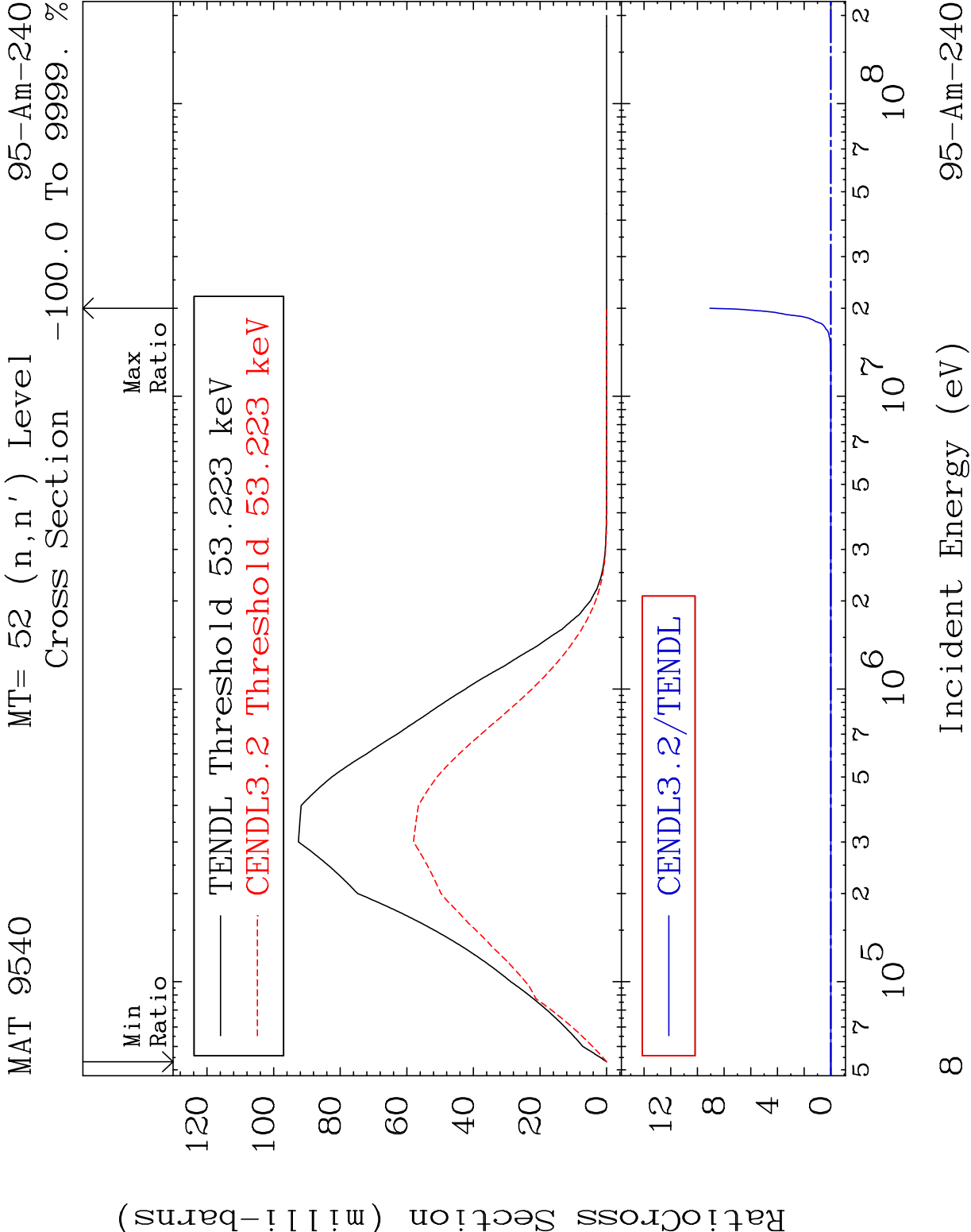




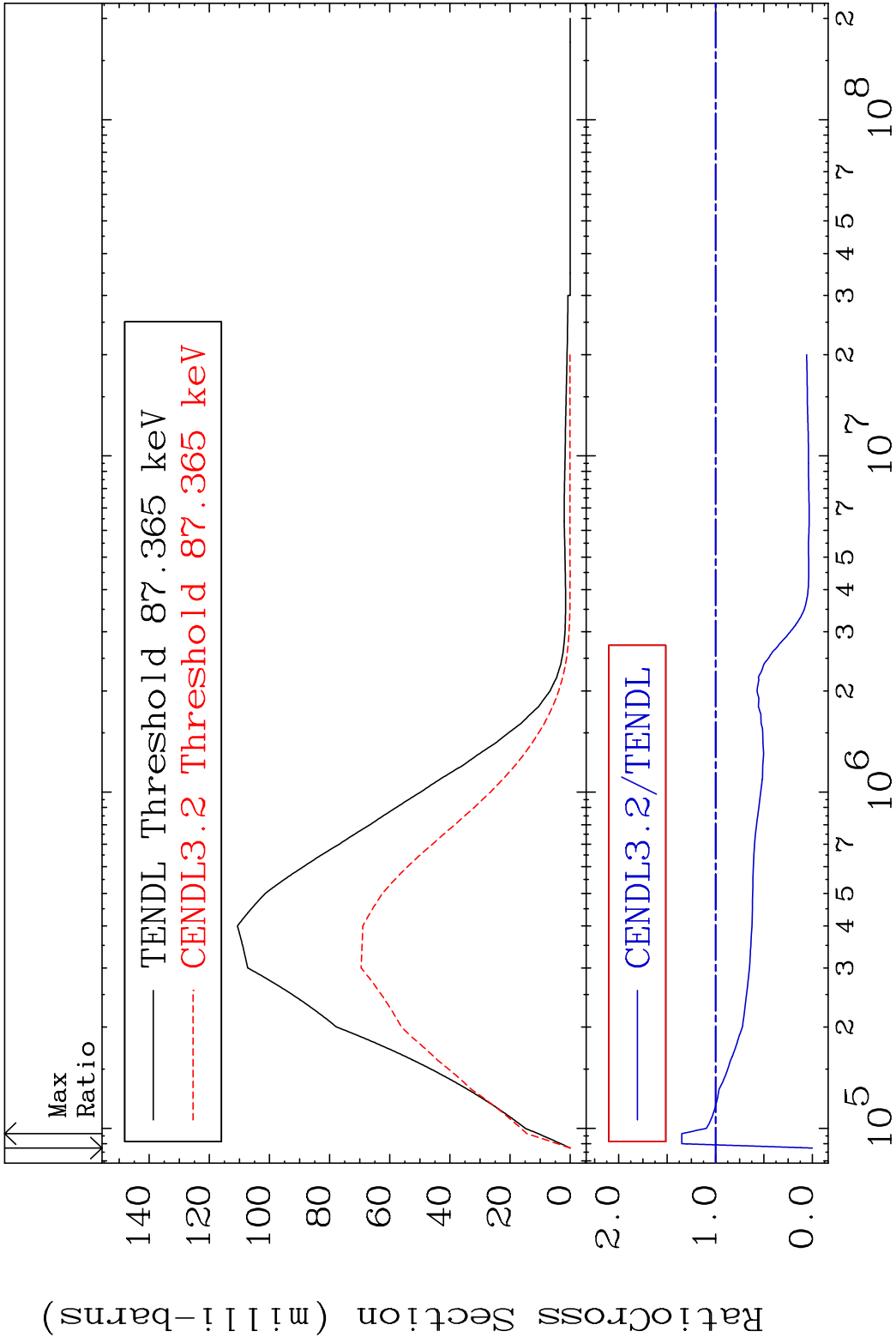
MAT 9540 MT= 51 (n,n') Level 95-Am-240
 Cross Section -100.0 To 17.23 %



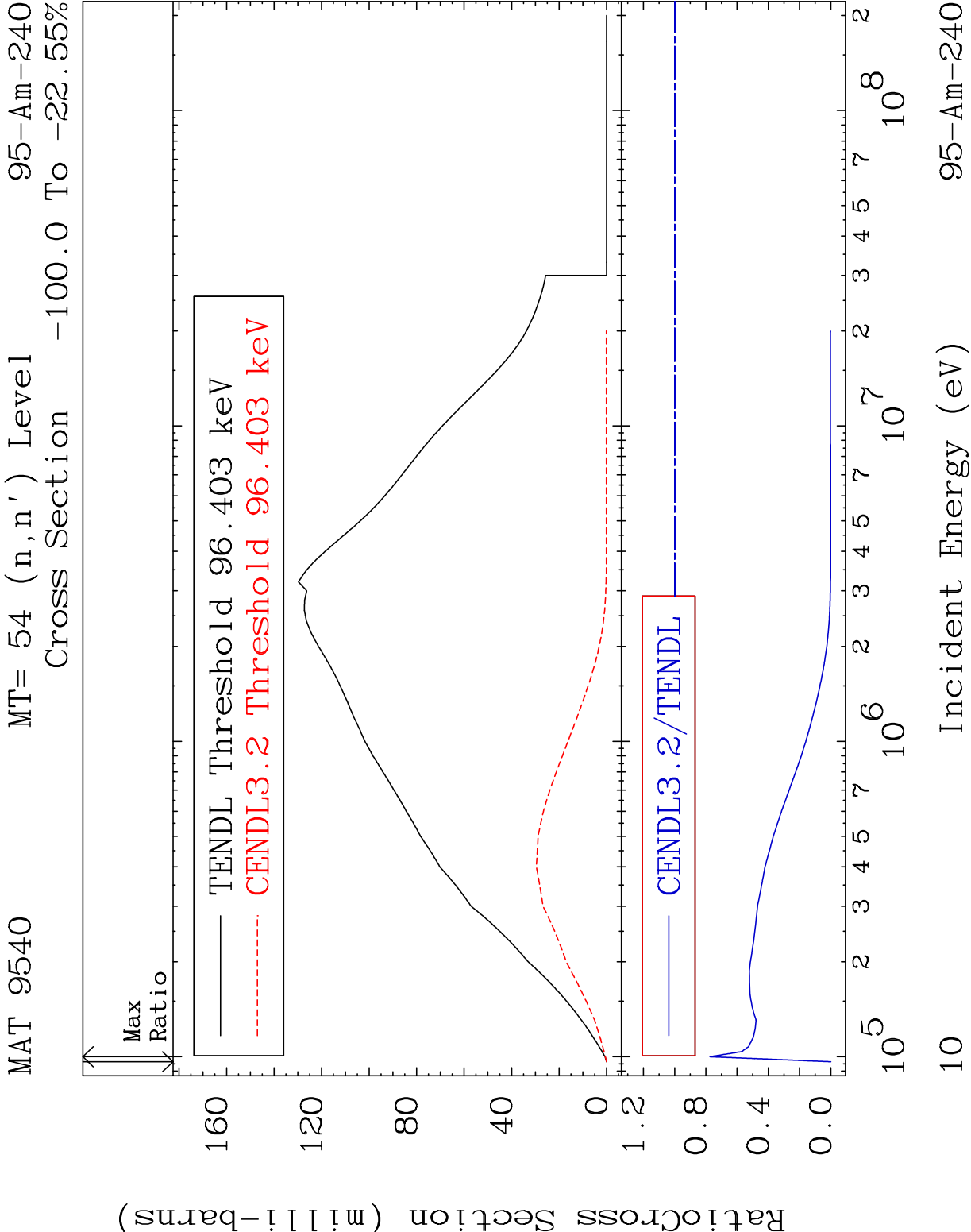
7 Incident Energy (eV) 95-Am-240

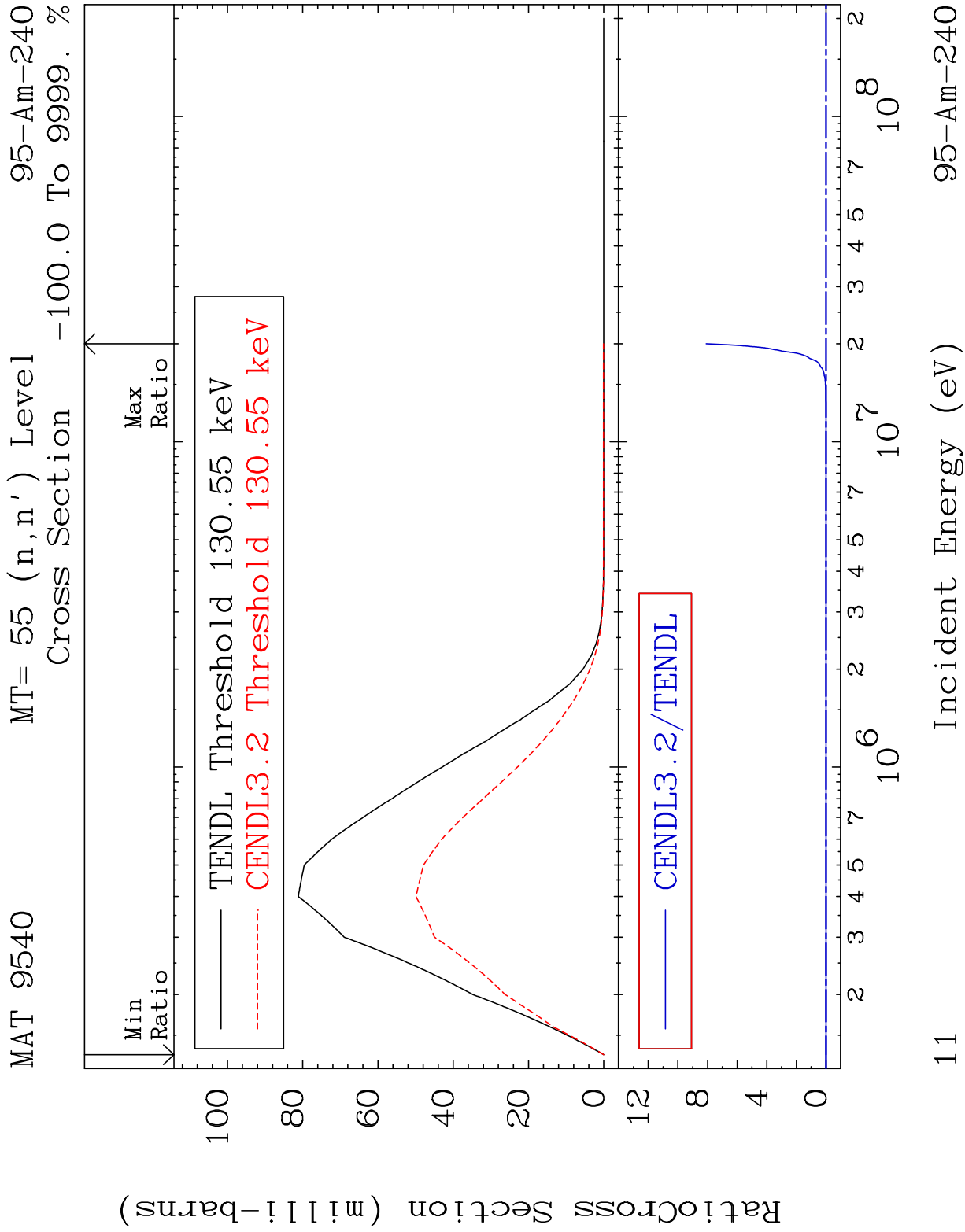


MAT 9540 MT= 53 (n,n') Level 95-Am-240
Cross Section -100.0 To 34.92 %

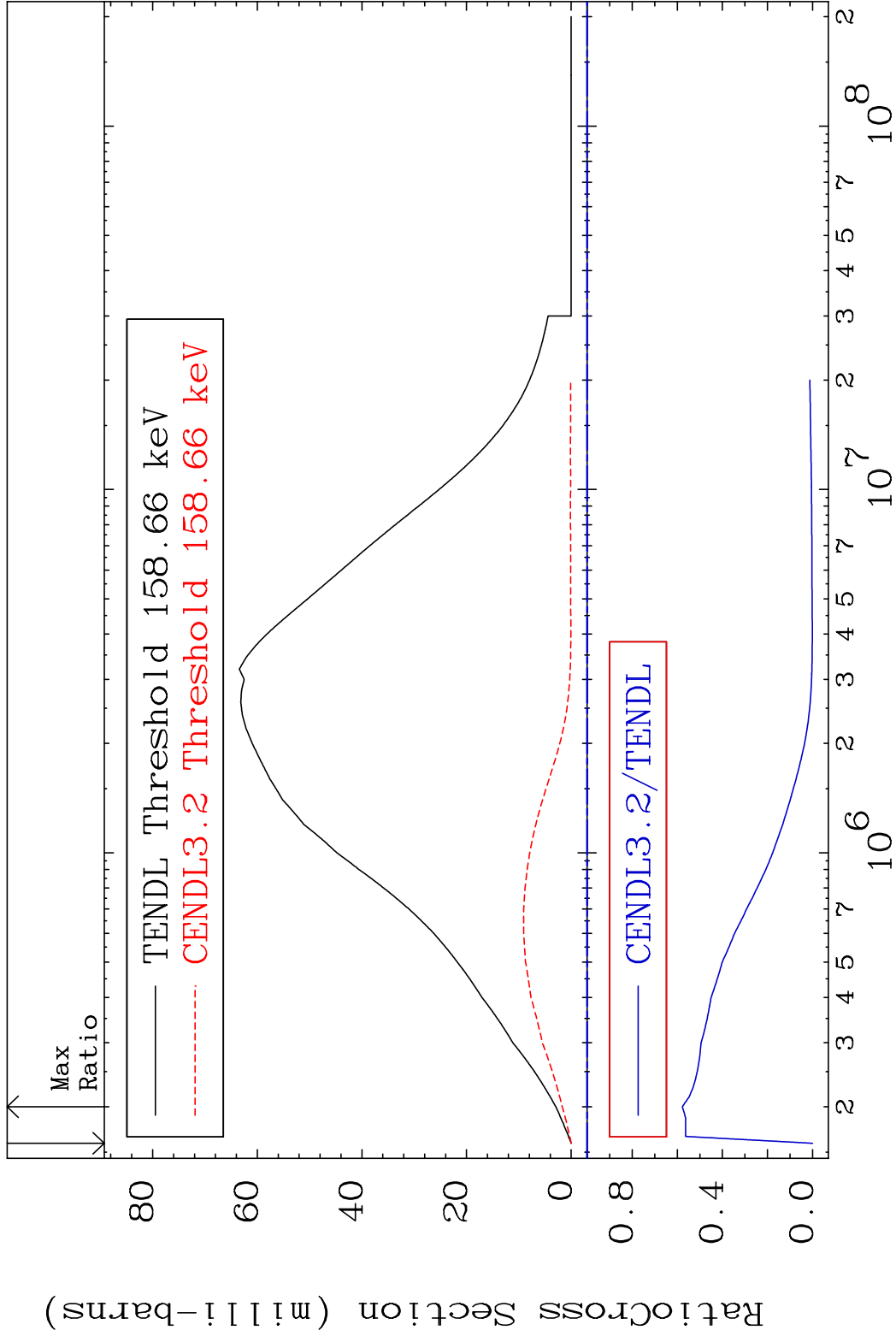


9 Incident Energy (eV) 95-Am-240

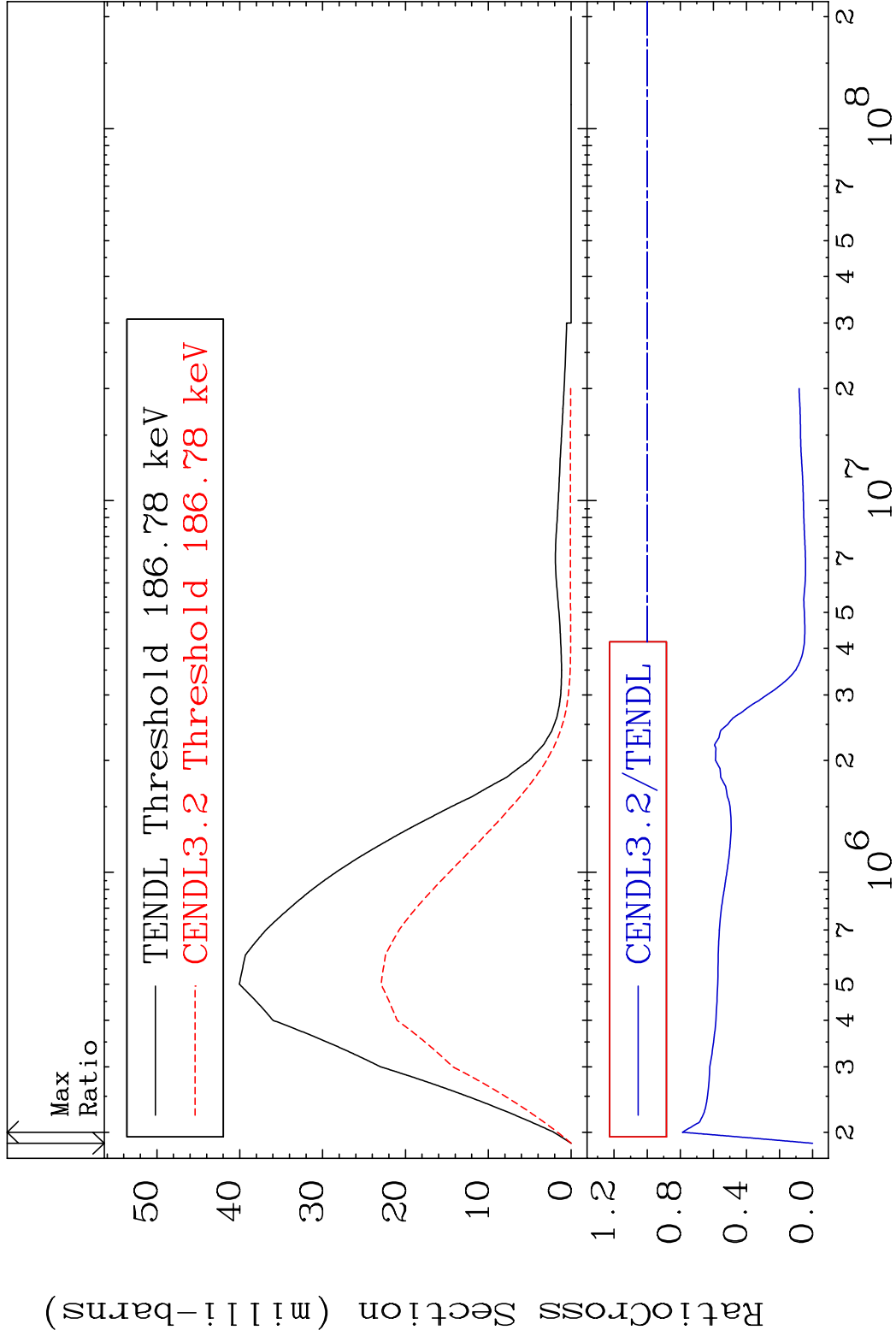


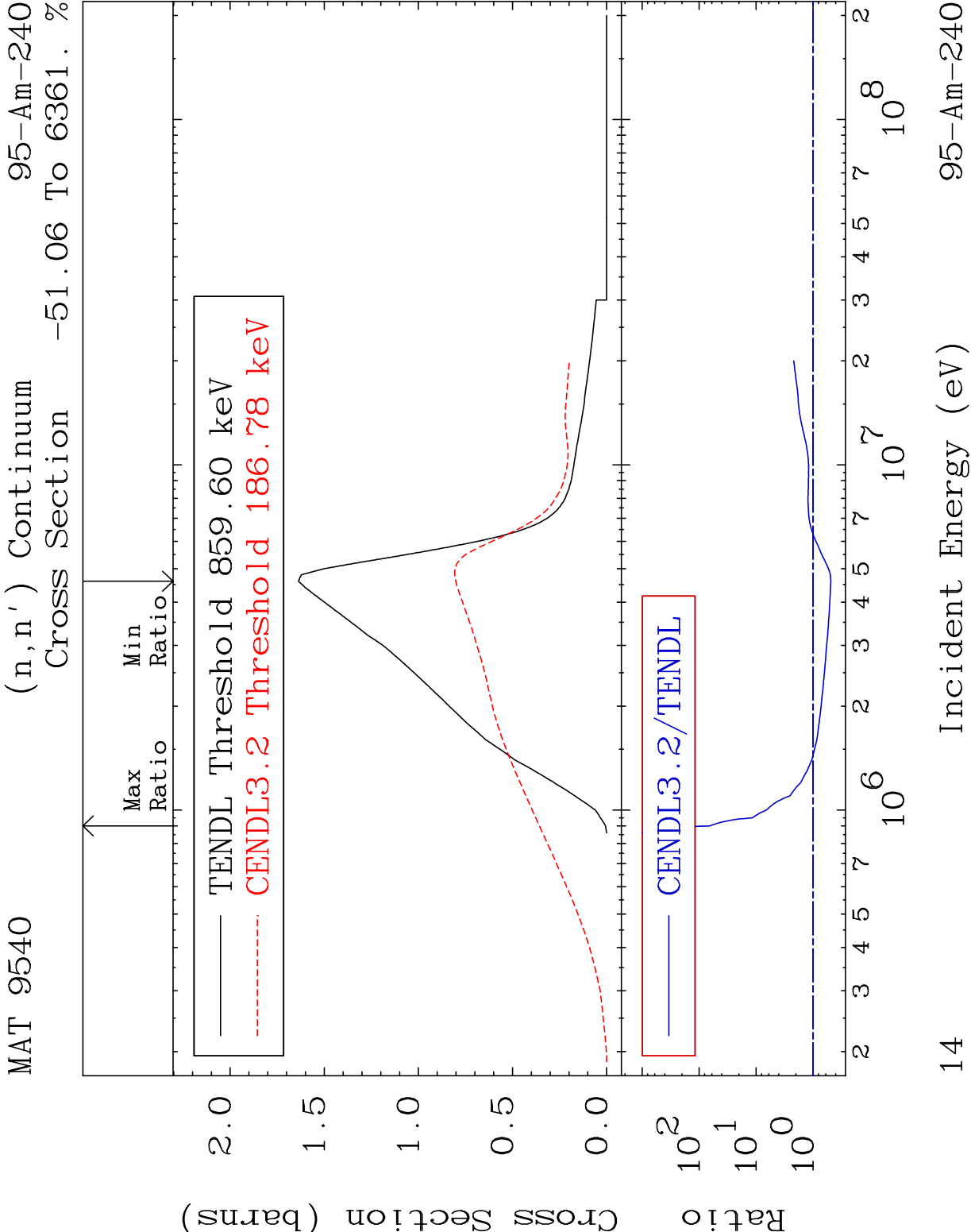


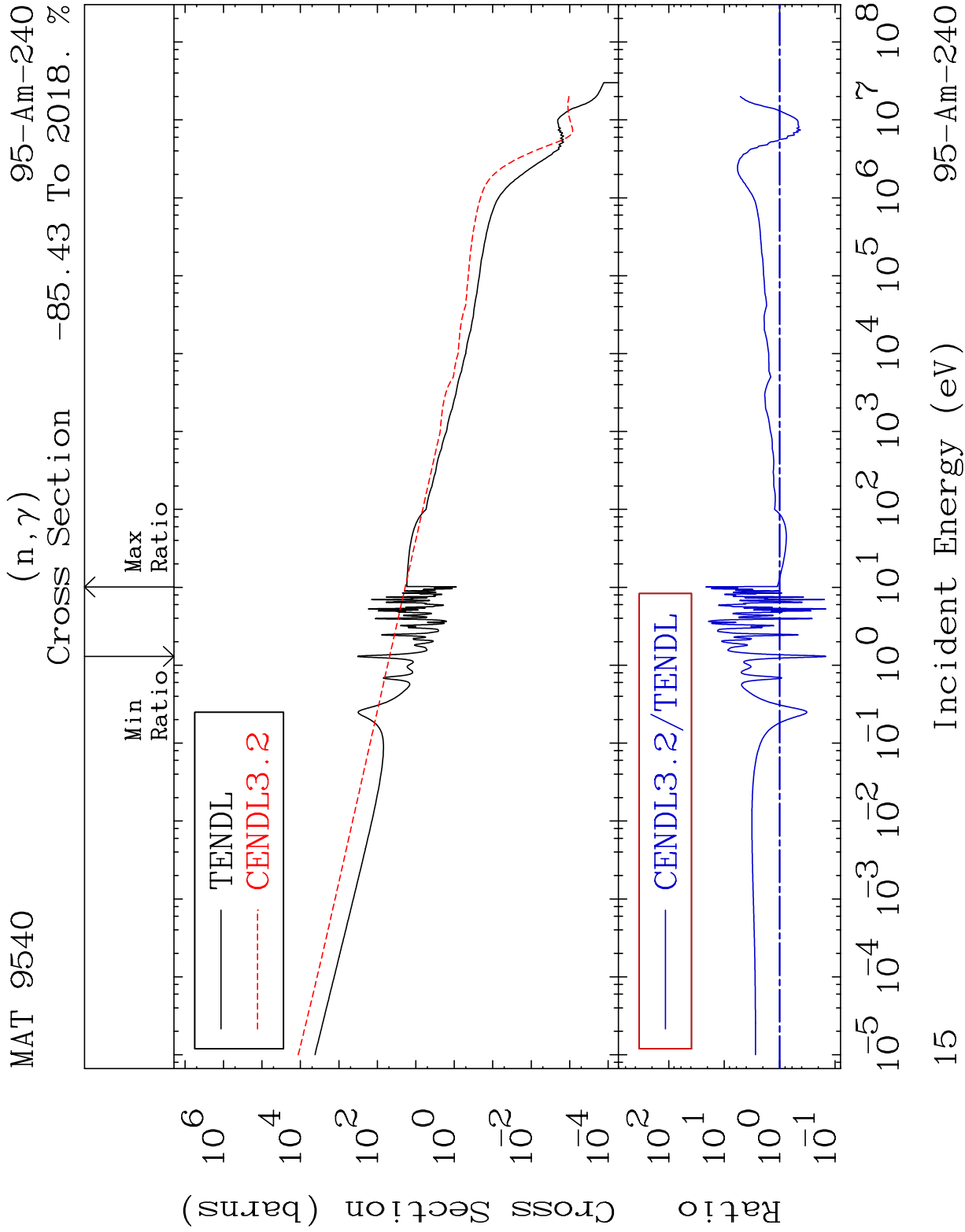
MAT 9540 MT= 56 (n,n') Level 95-Am-240
Cross Section -100.0 To -42.24%

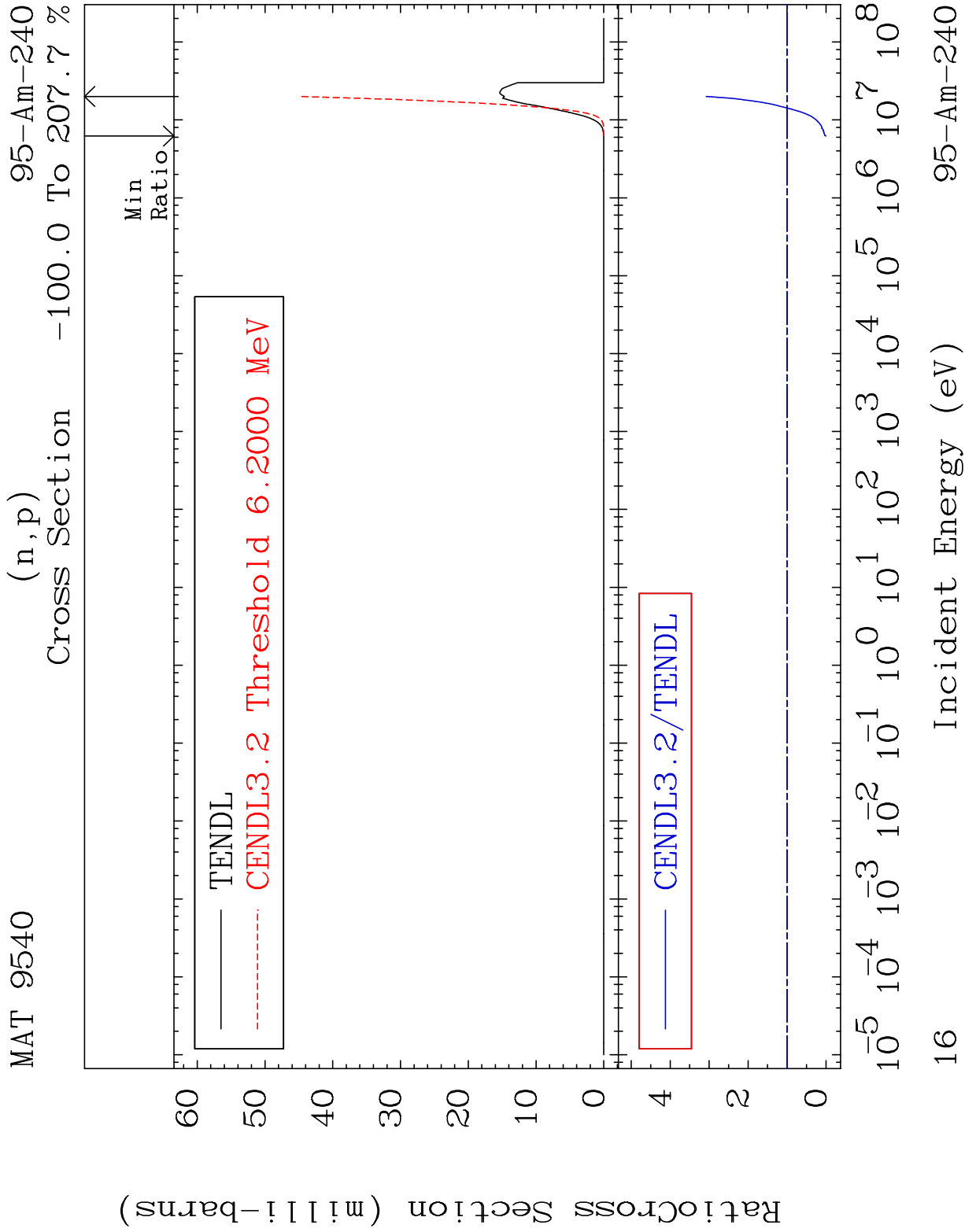


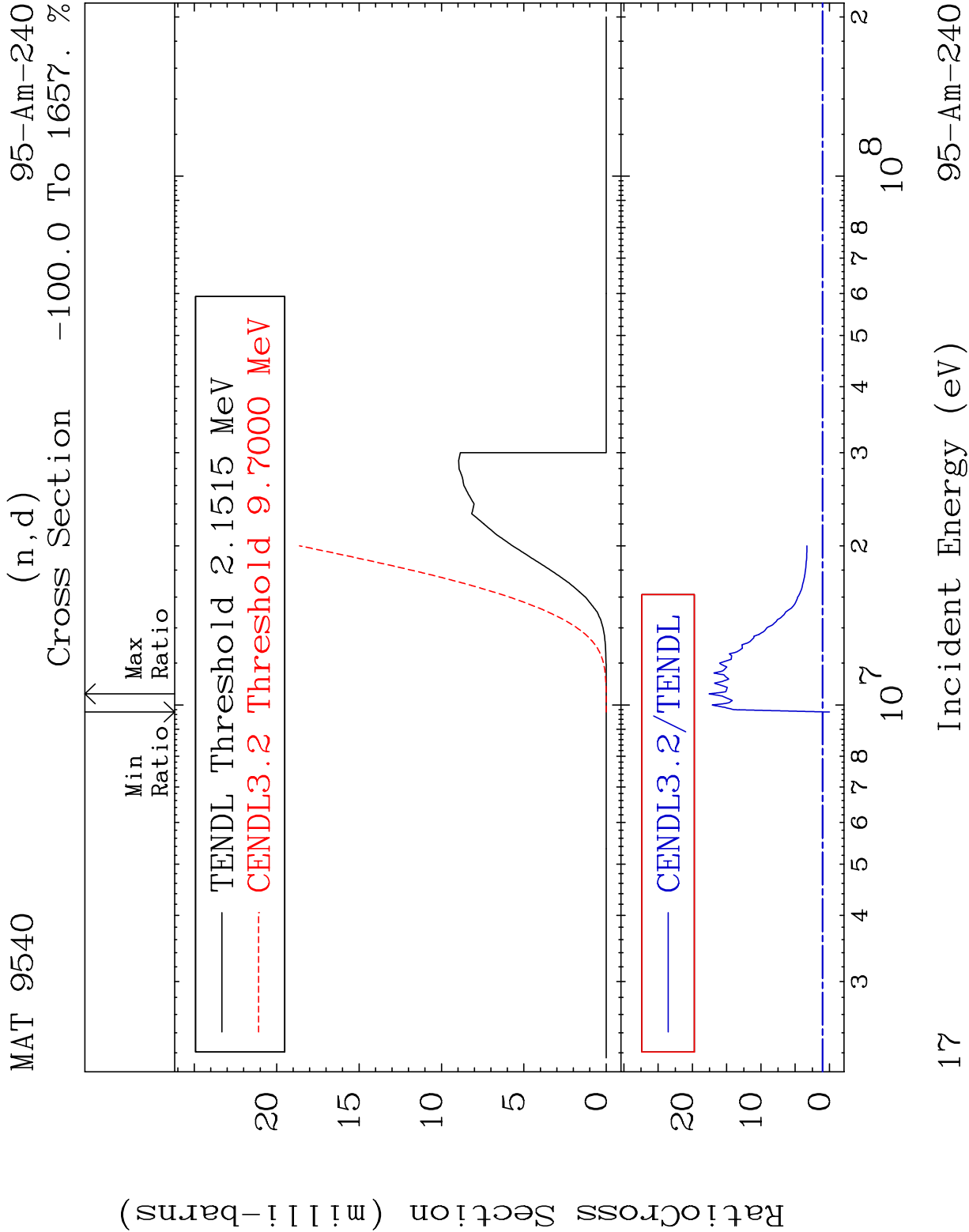
MAT 9540 MT= 57 (n,n') Level 95-Am-240
Cross Section -100.0 To -21.28%

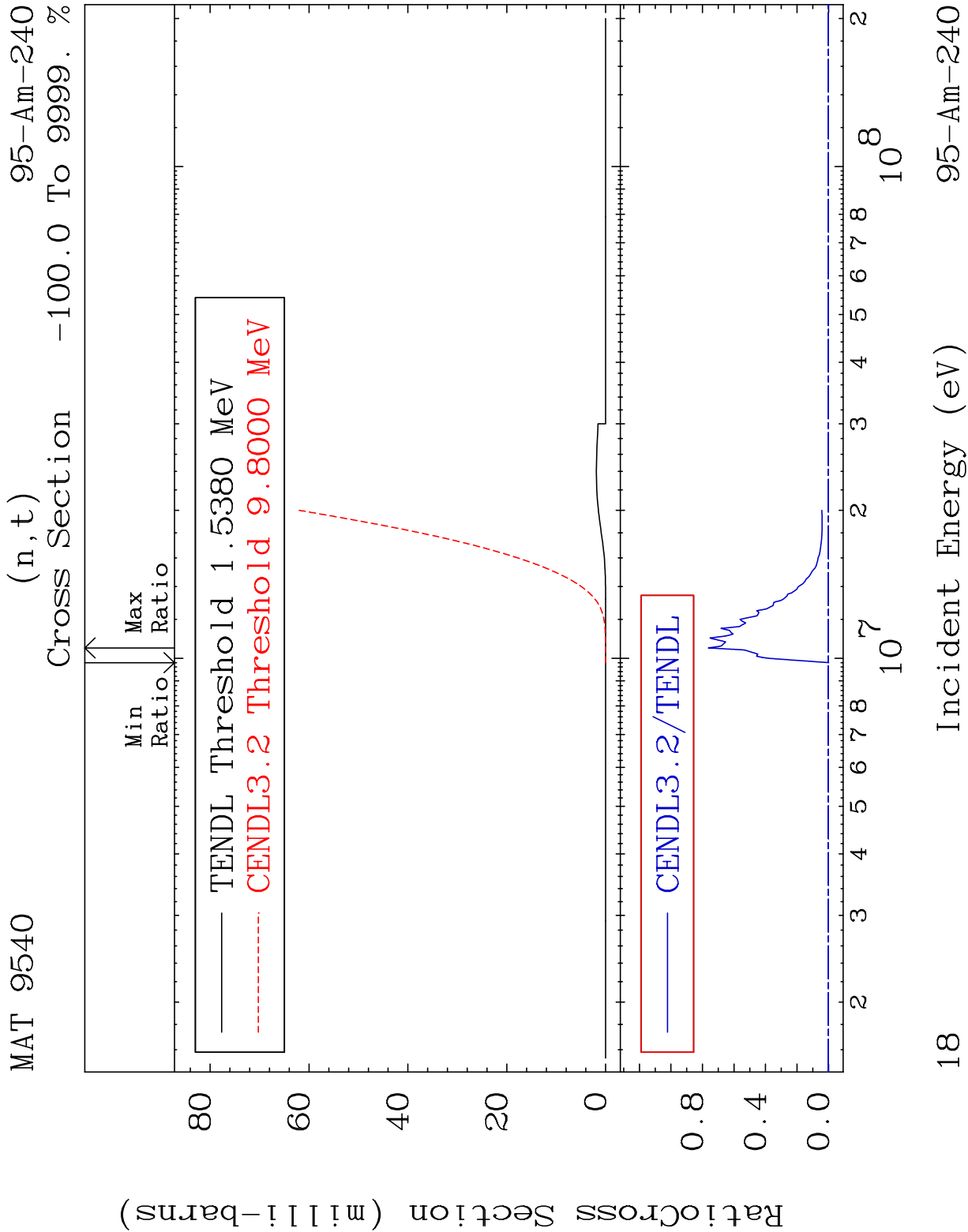


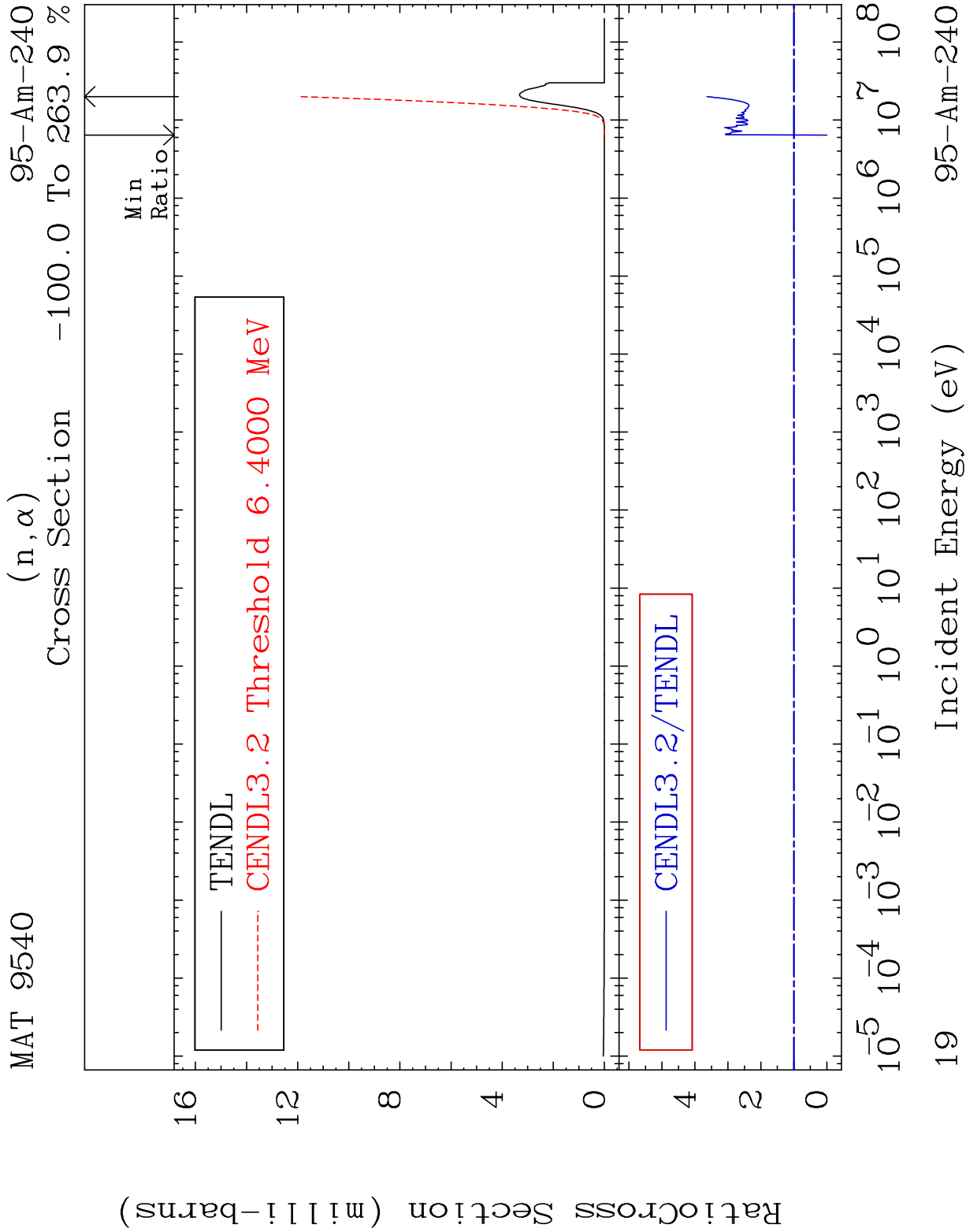










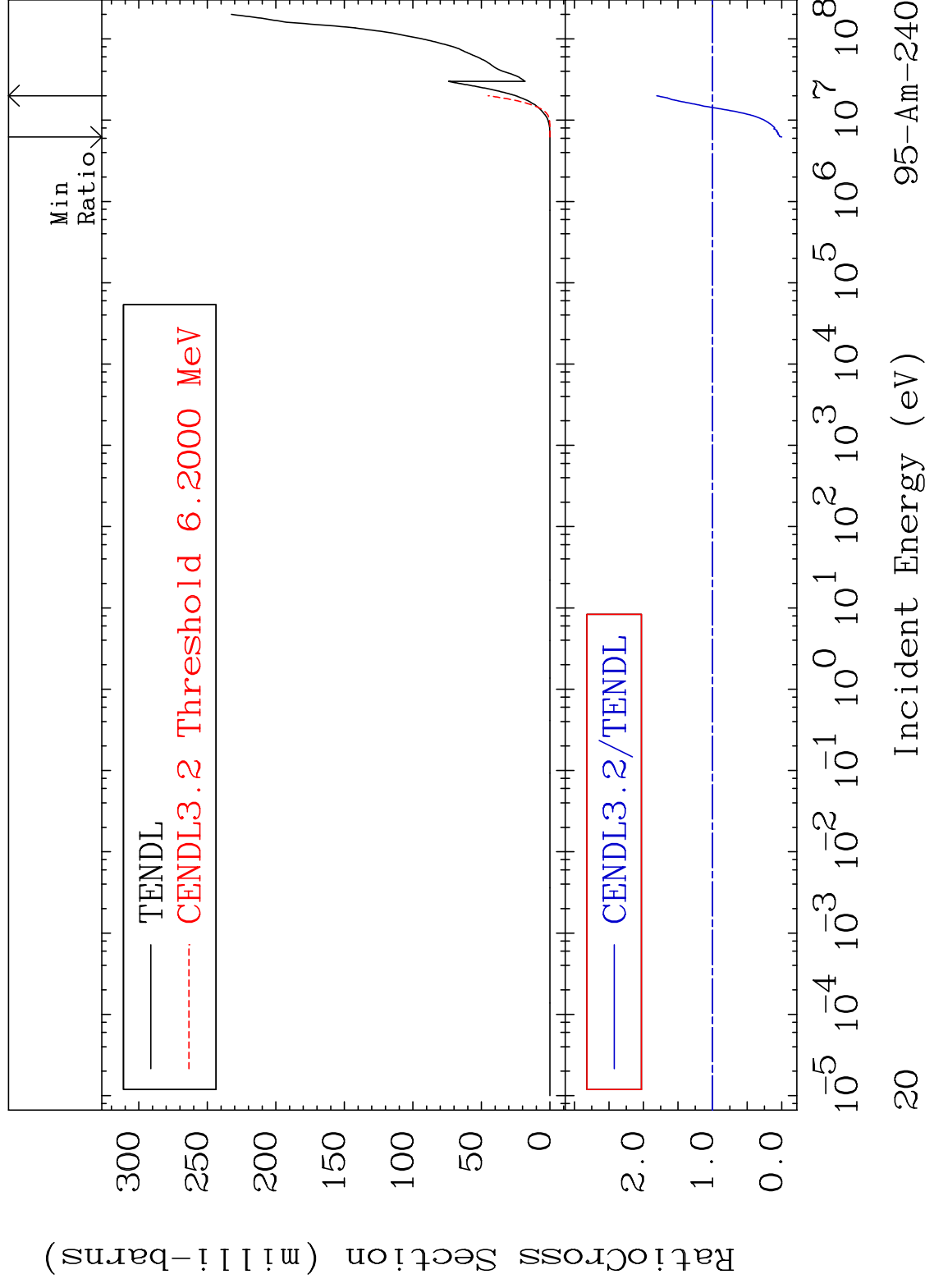


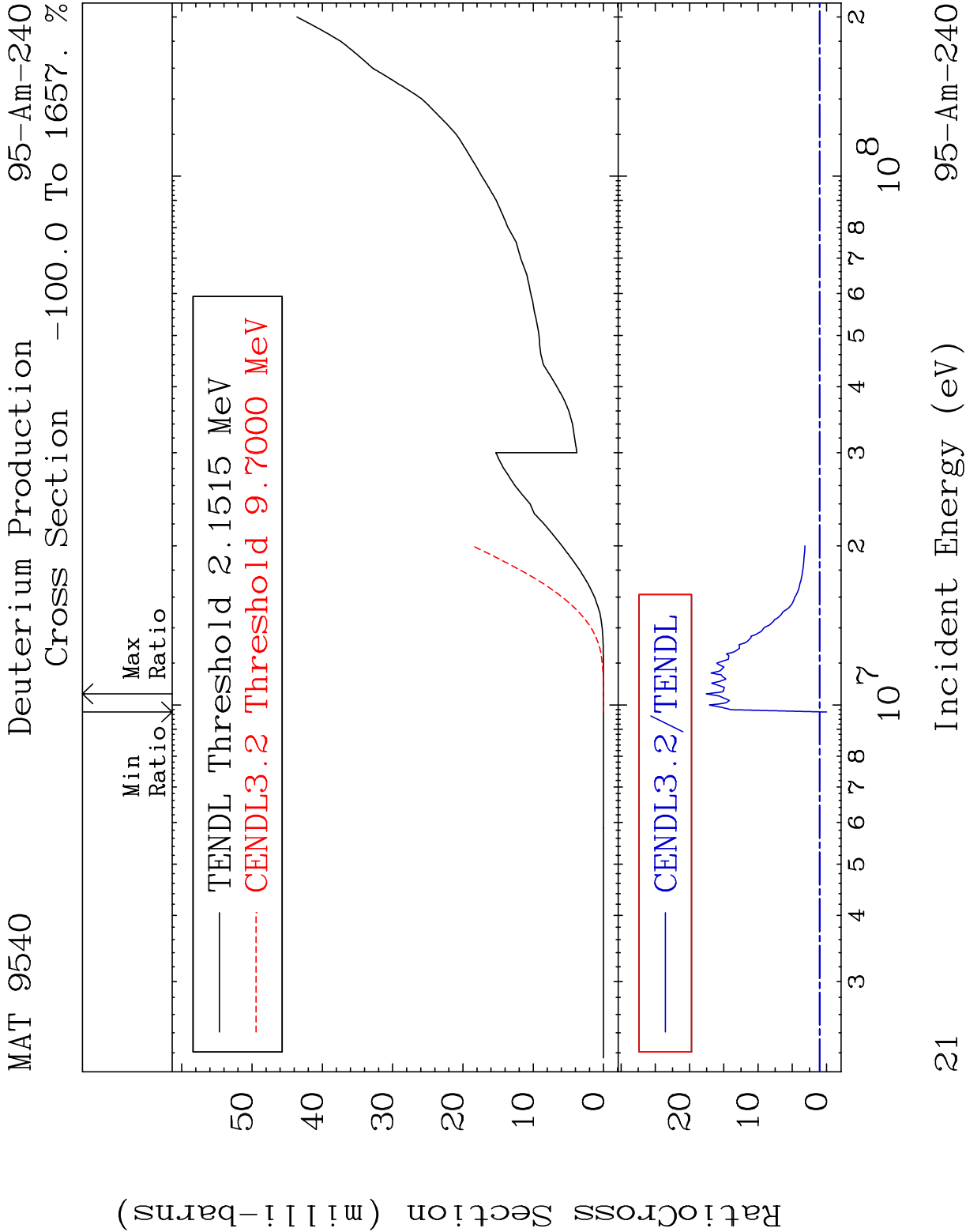
MAT 9540

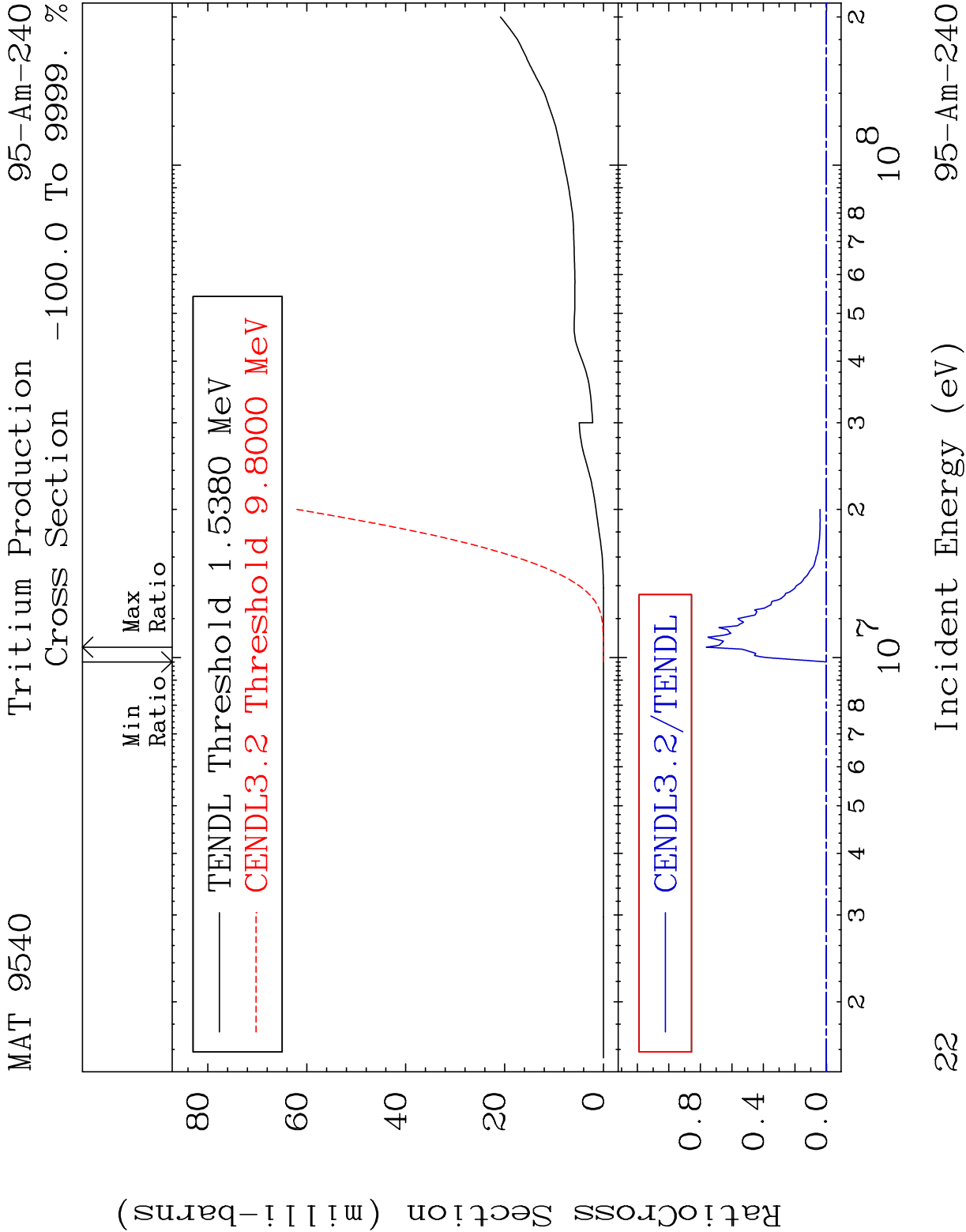
Hydrogen Production

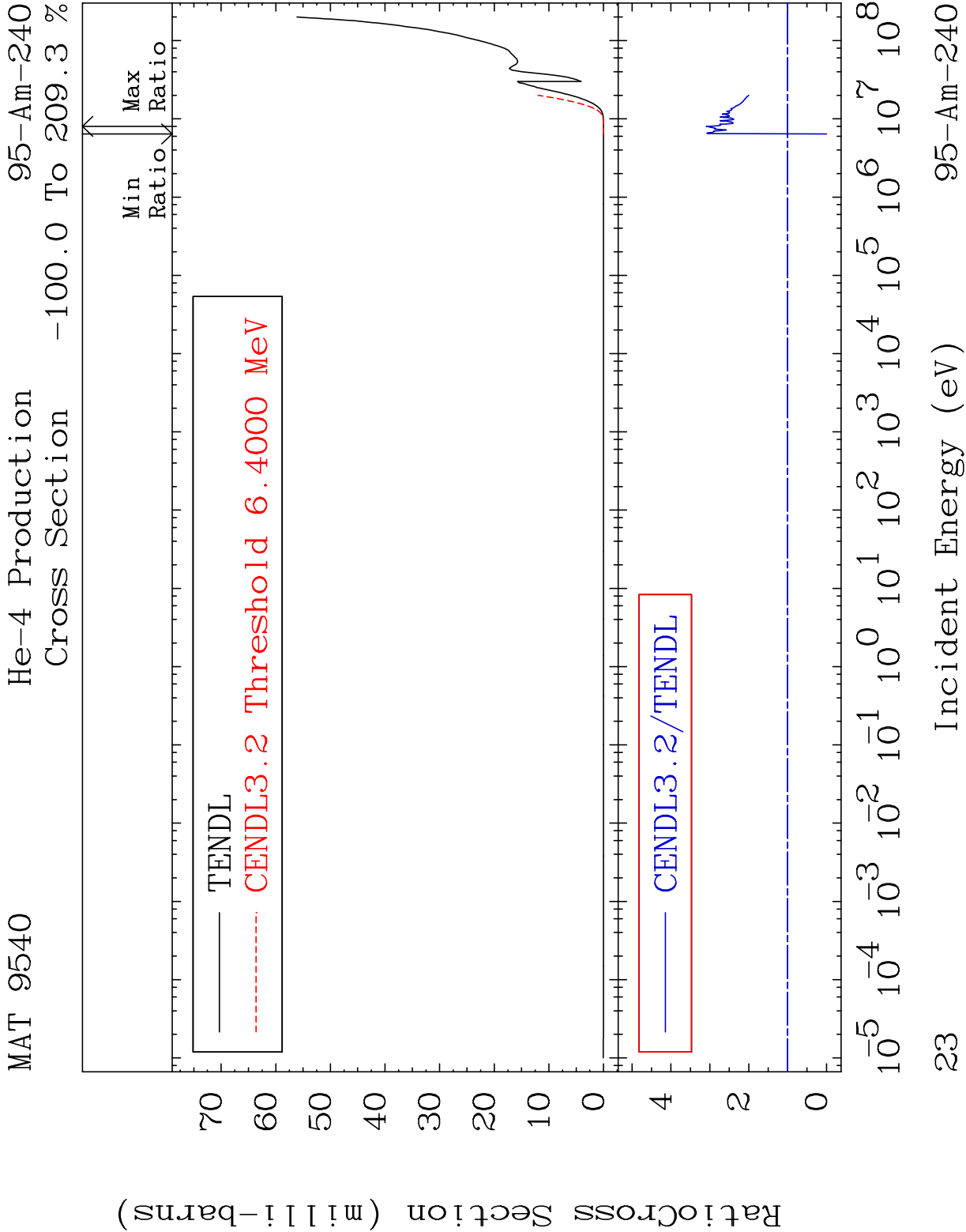
95-Am-240

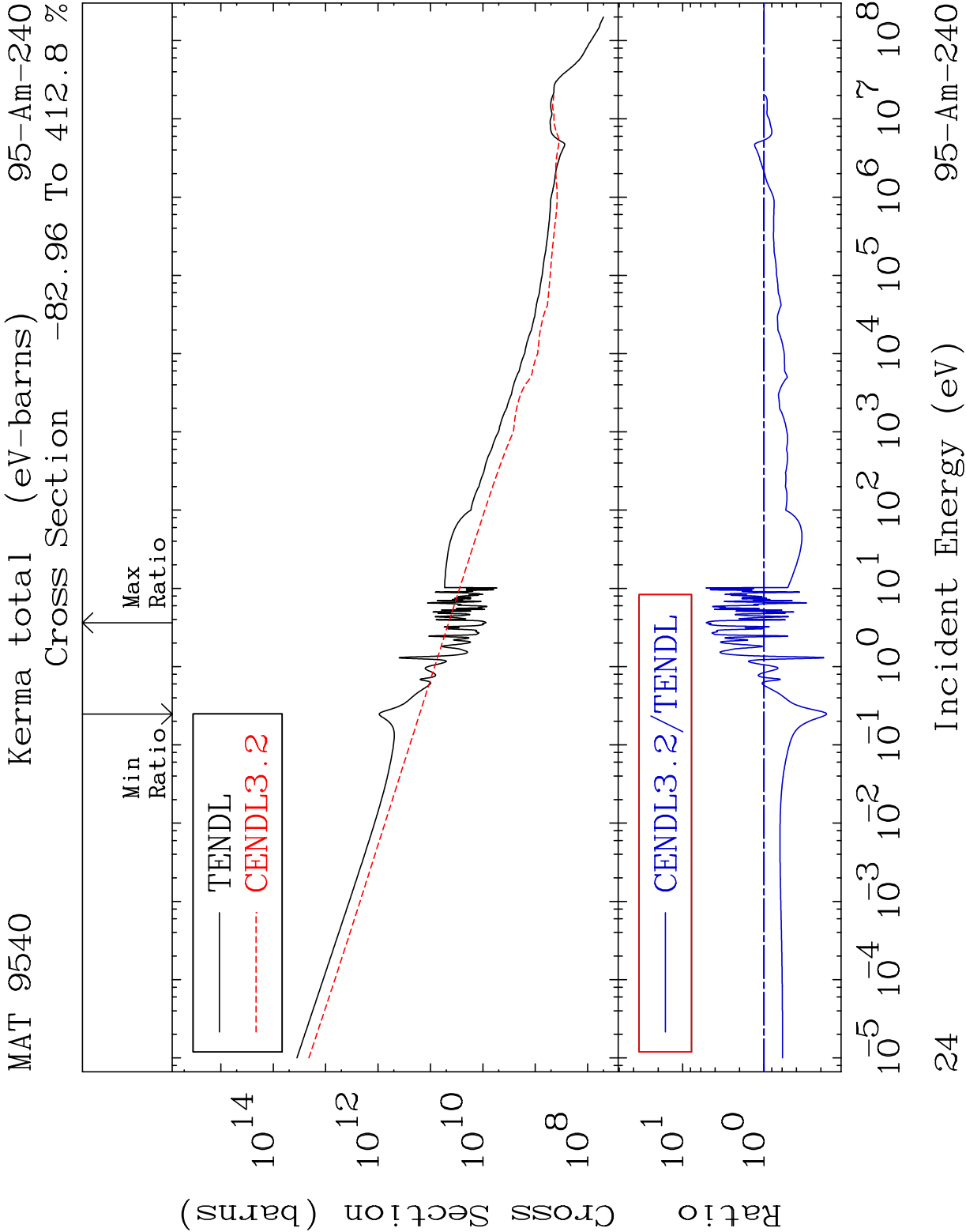
Cross Section -100.0 To 80.86 %

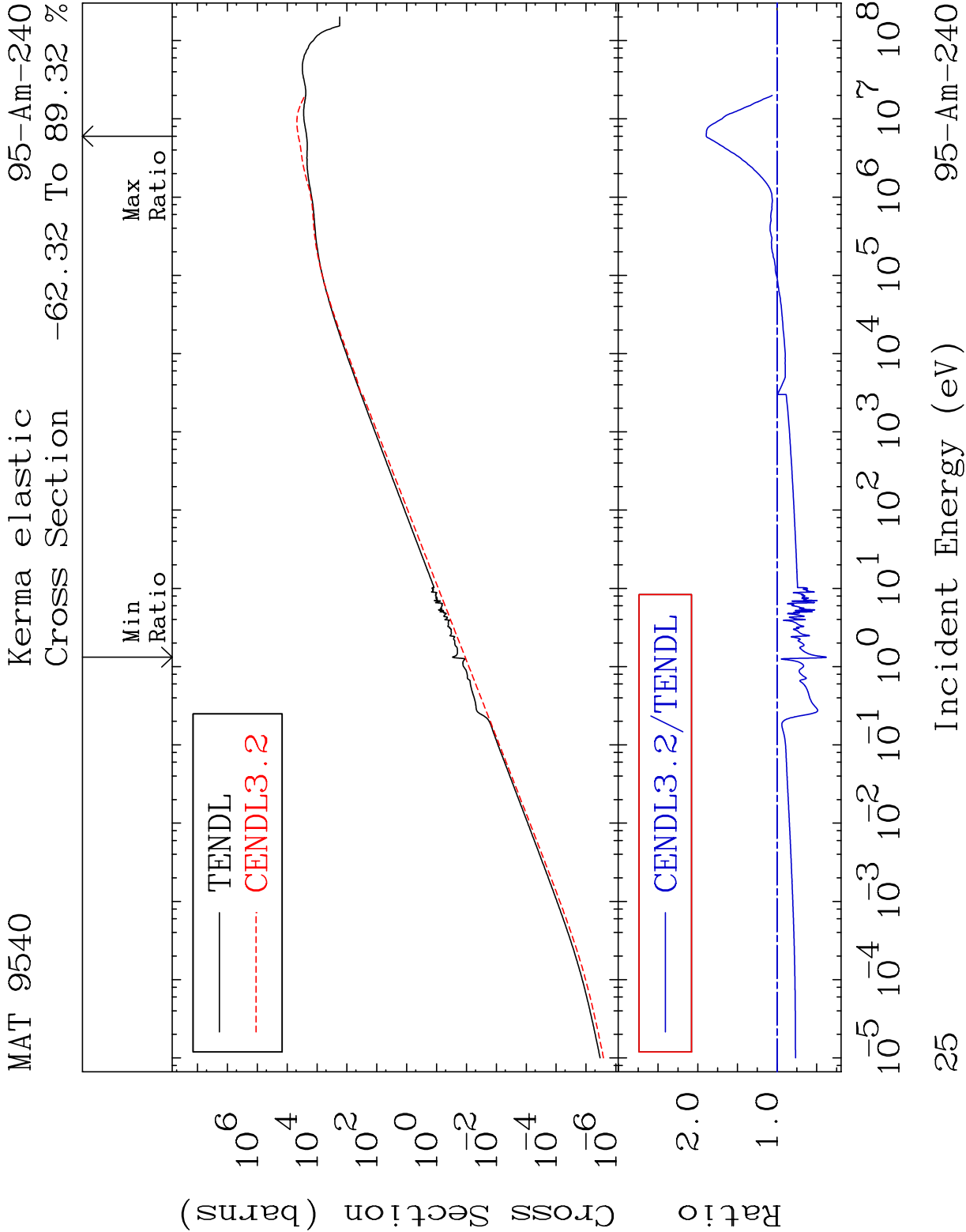




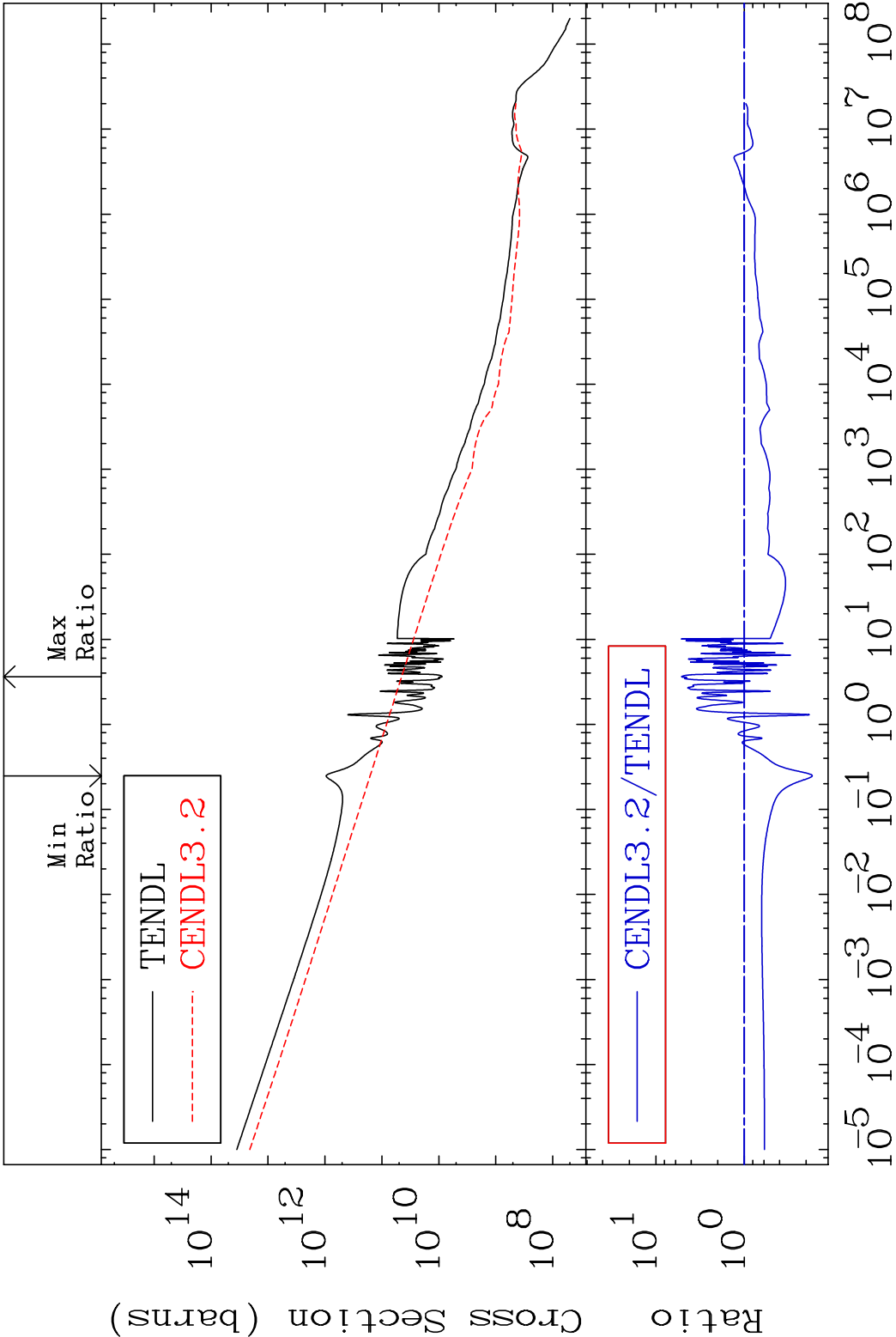


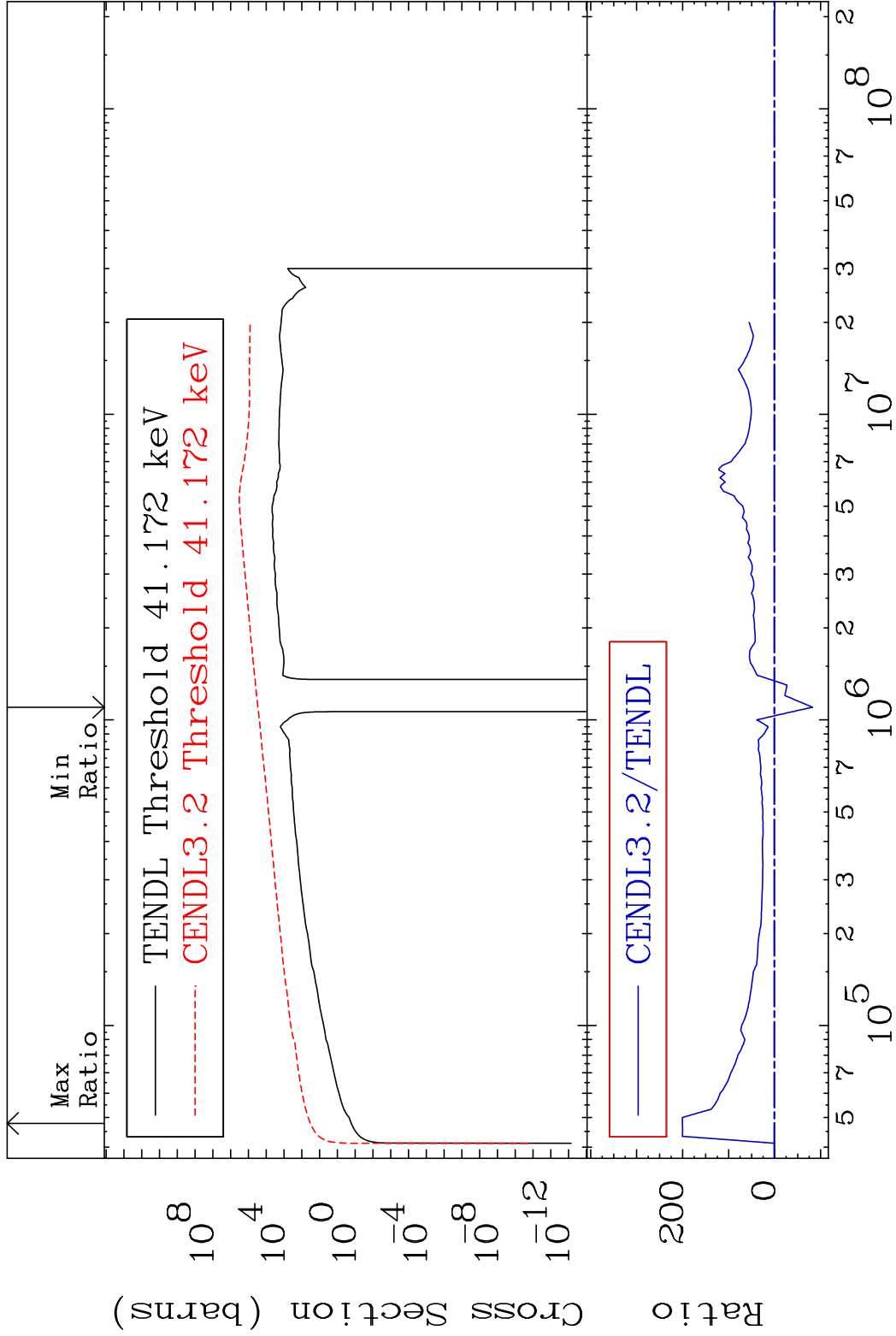




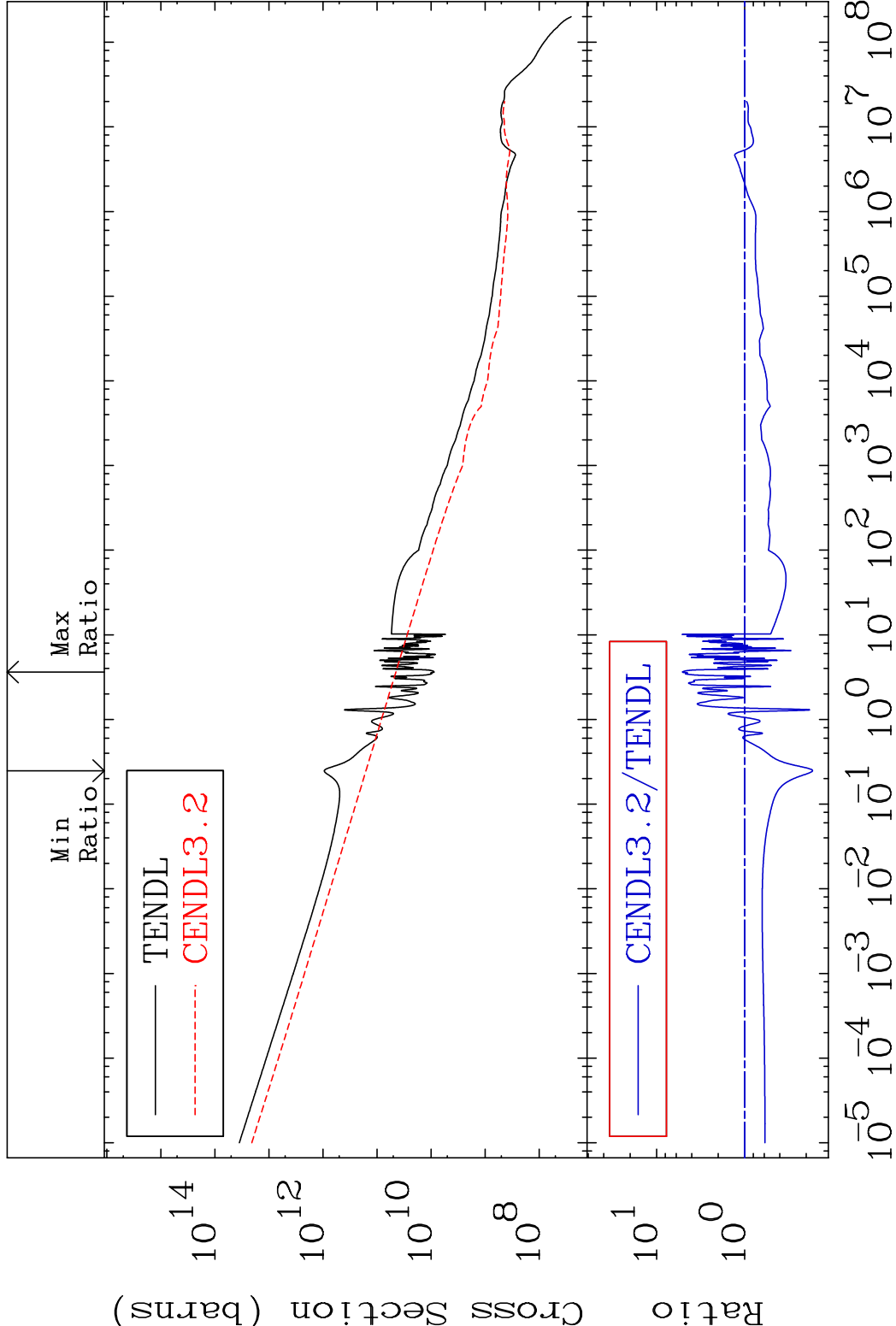


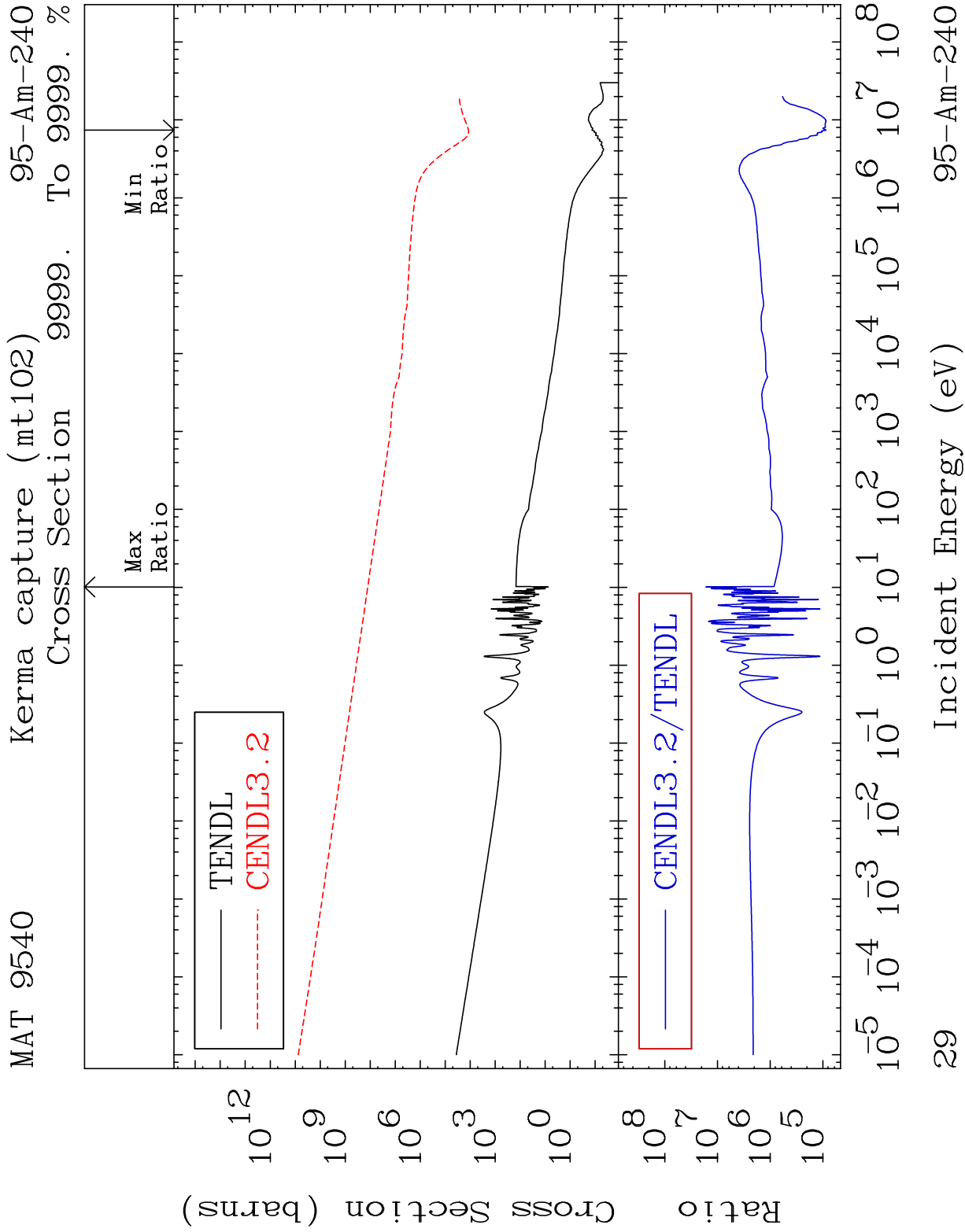
MAT 9540 Kerma non-elastic (all but mt2) 95-Am-240
 Cross Section -82.96 To 412.8 %

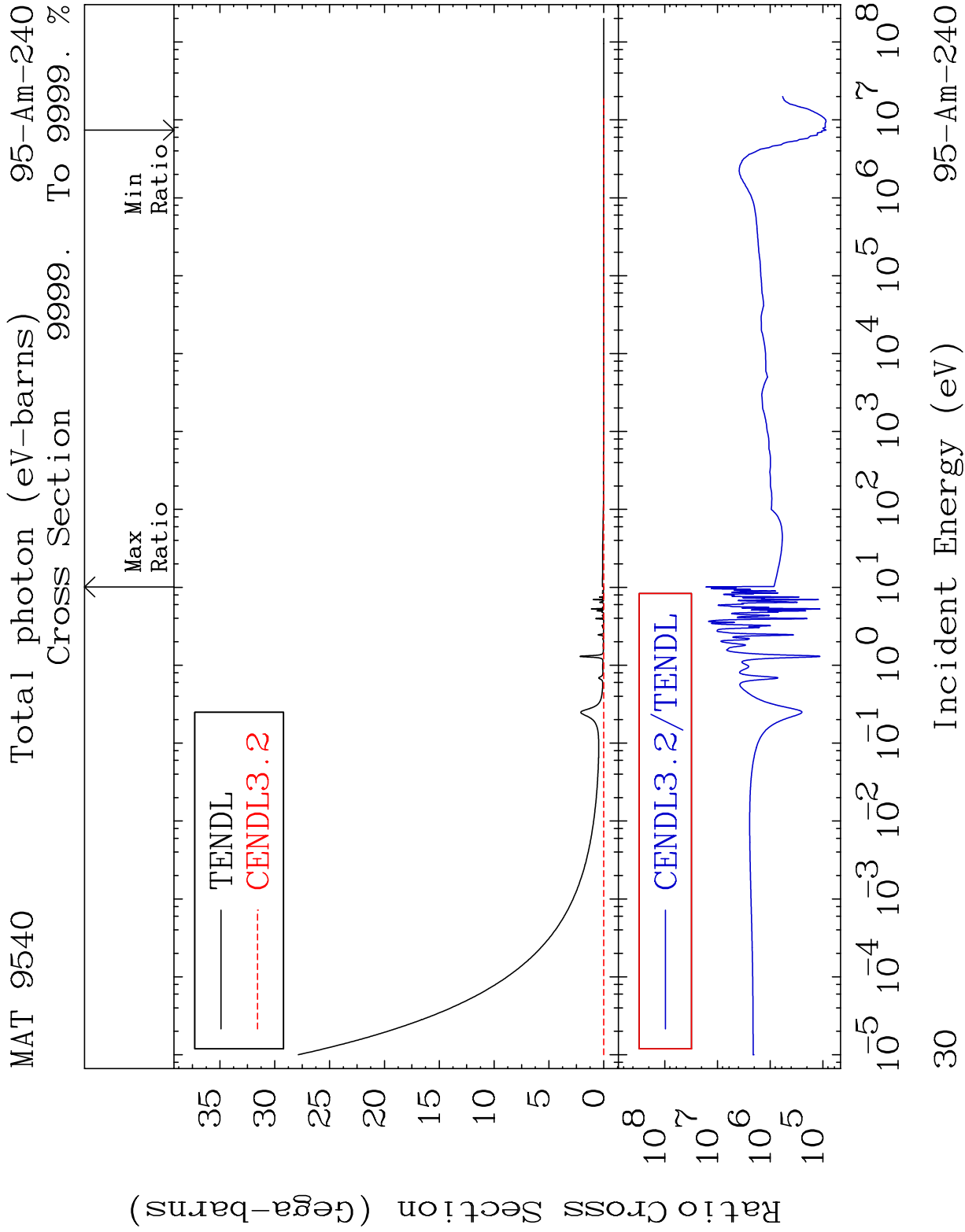




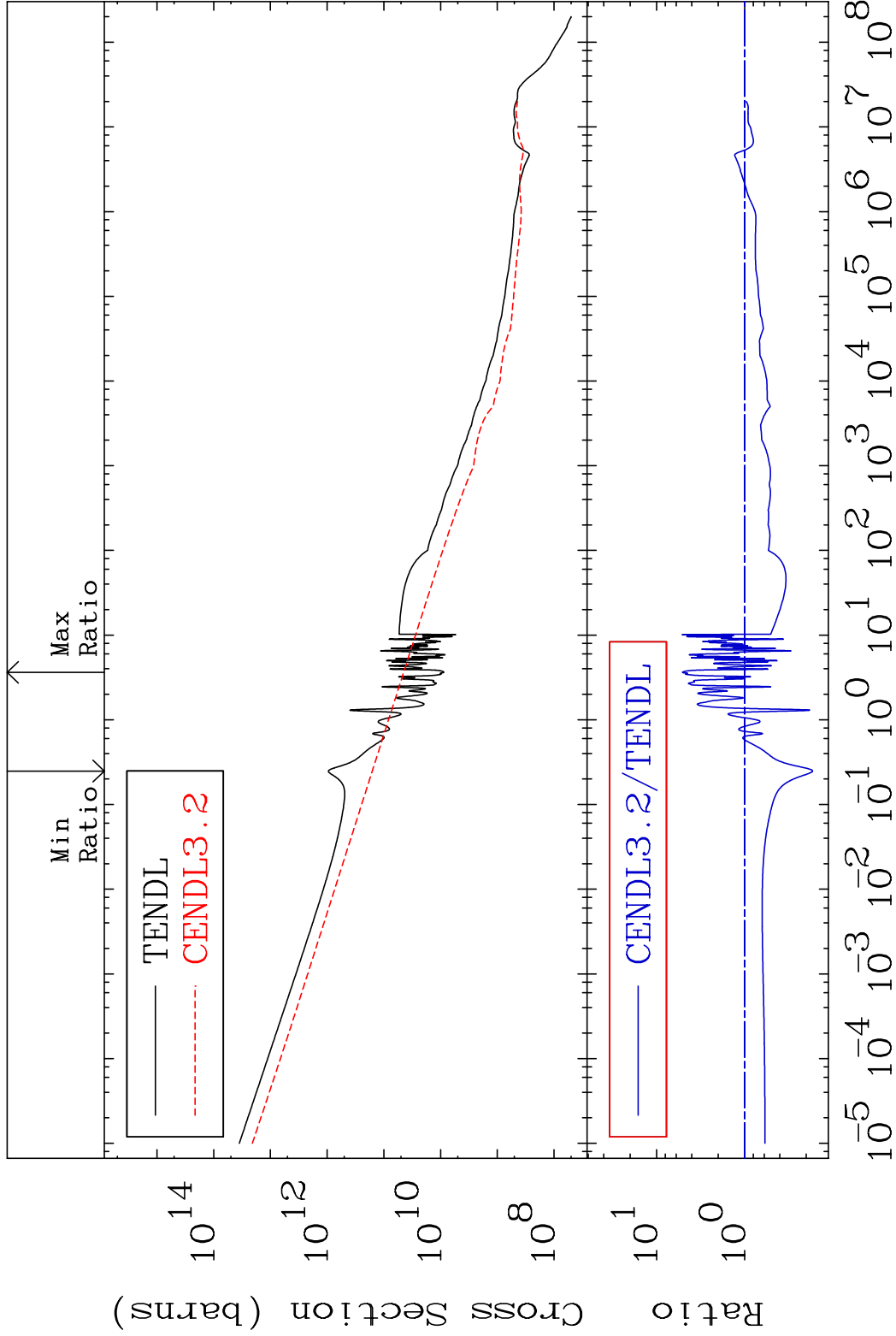
MAT 9540 Kerma fission (mt18 or mt19-20-21-38) 95-Am-240
Cross Section -83.03 To 410.5 %

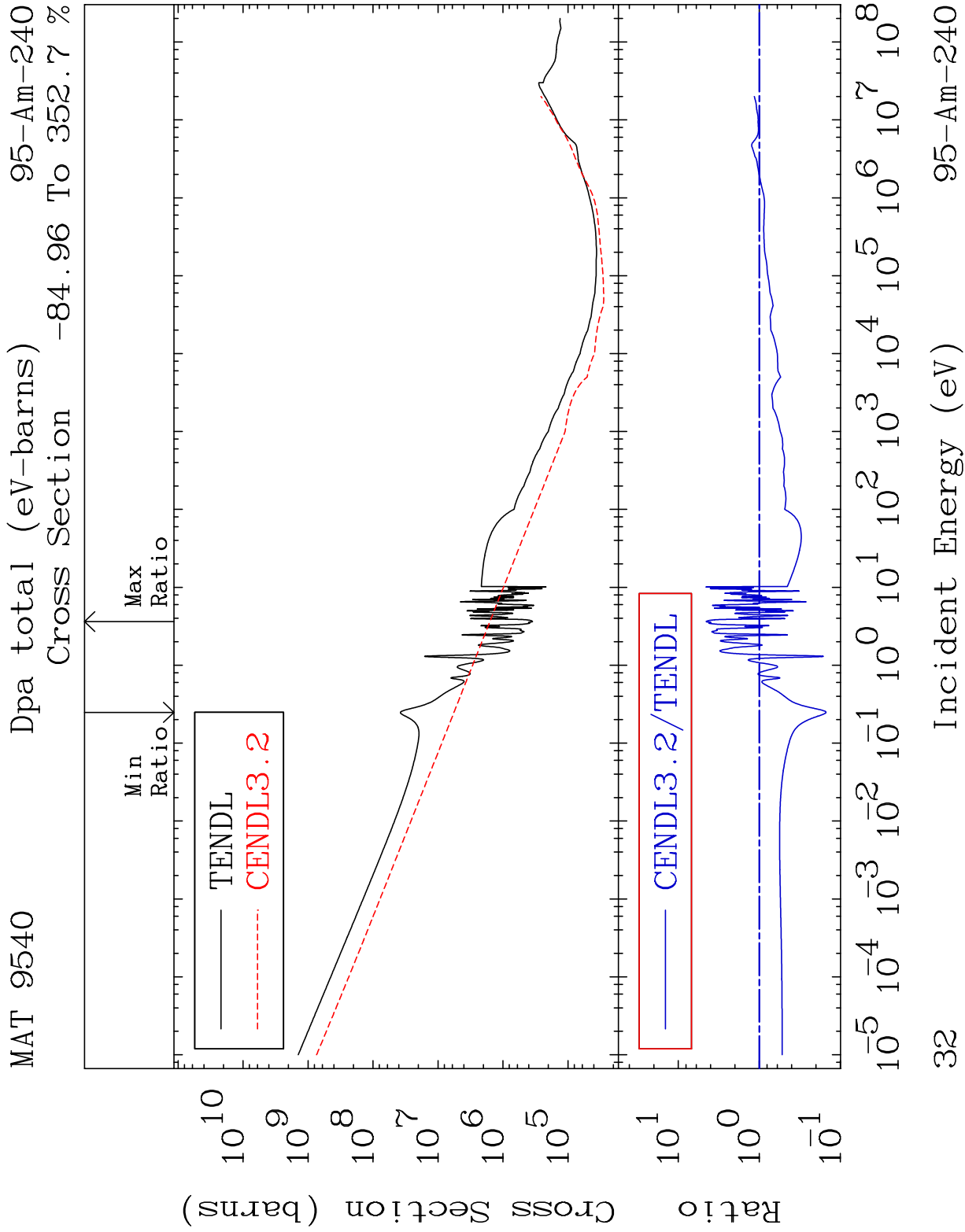


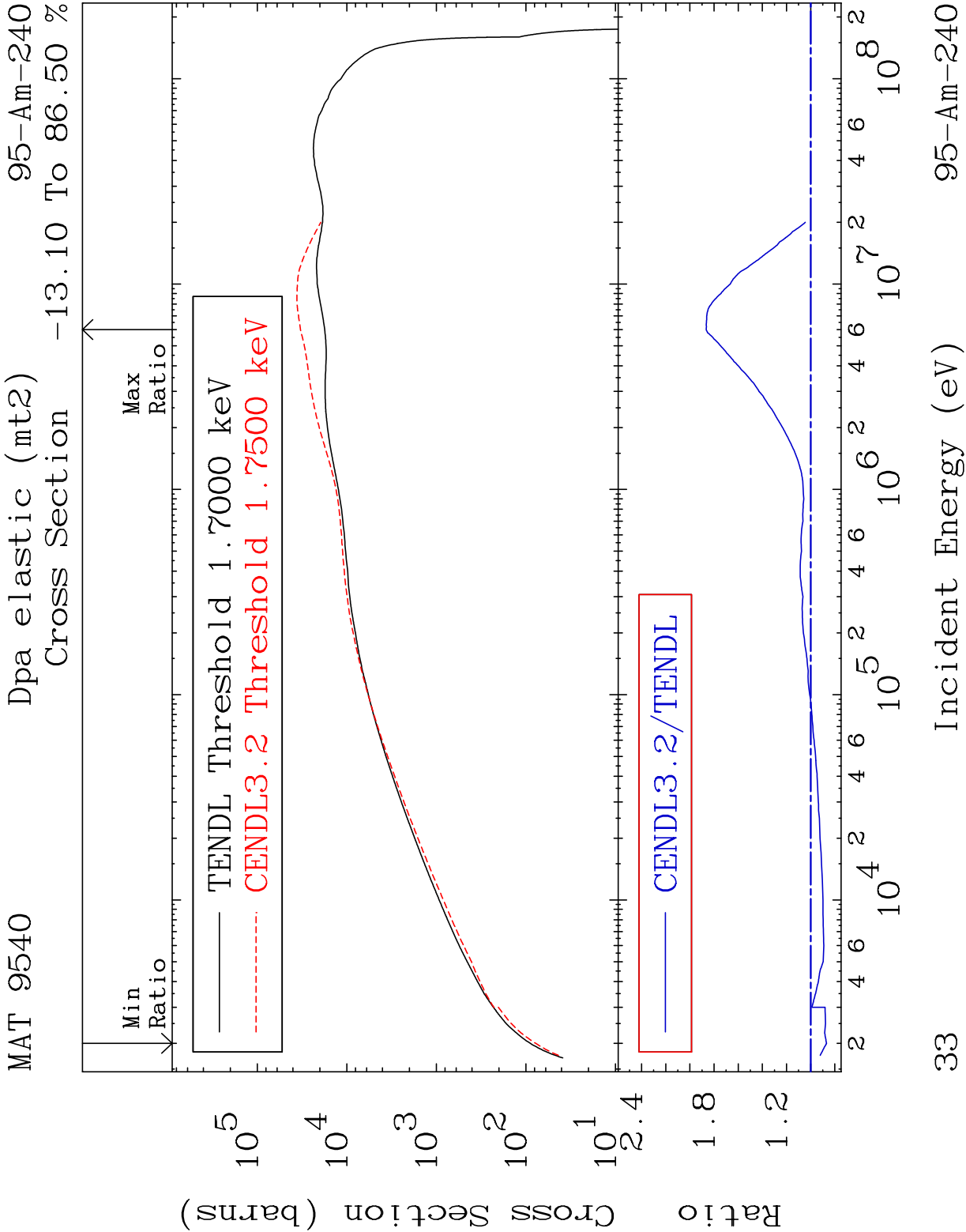


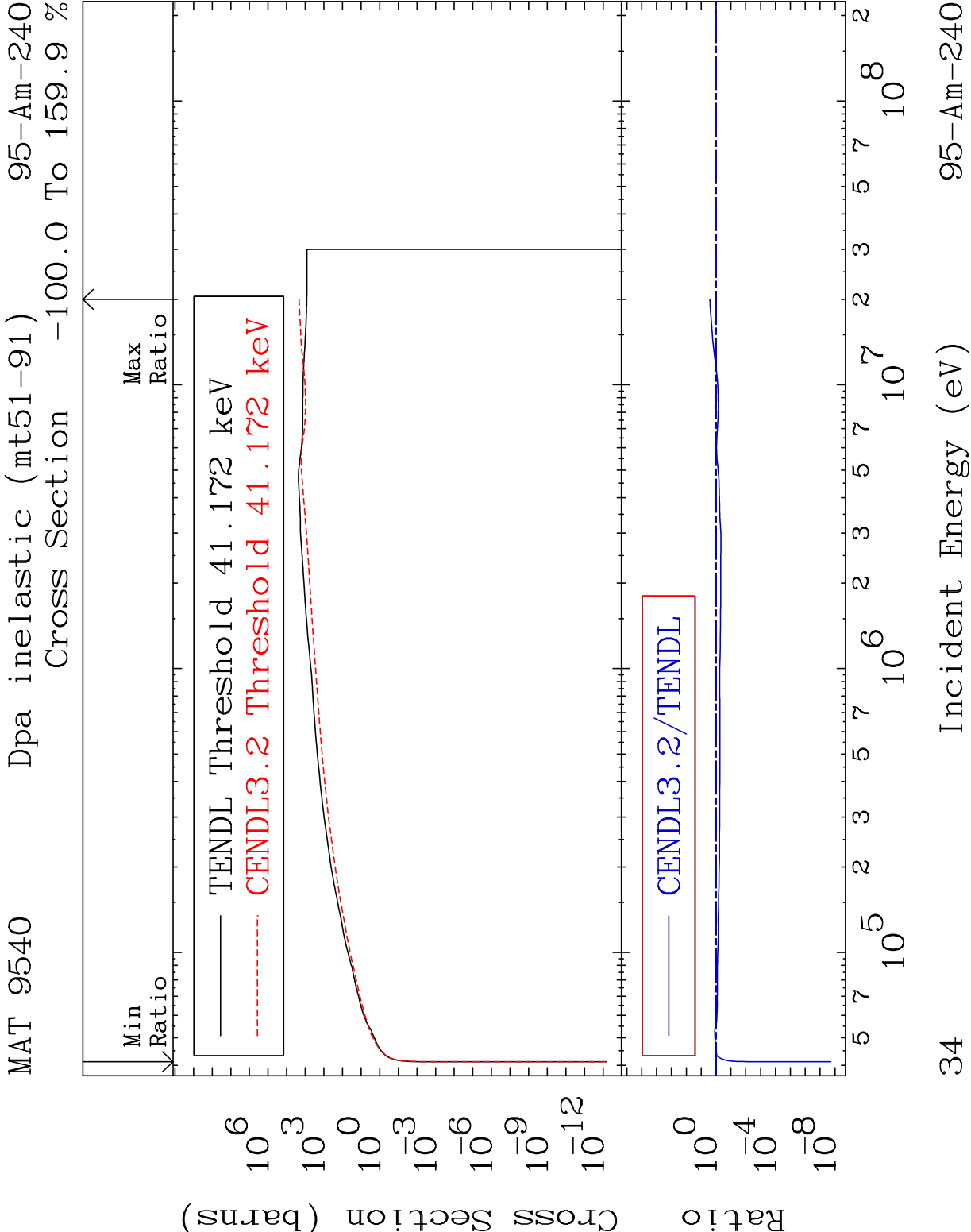


MAT 9540 Total kinematic kerma (high limit) 95-Am-240
Cross Section -83.03 To 410.5 %

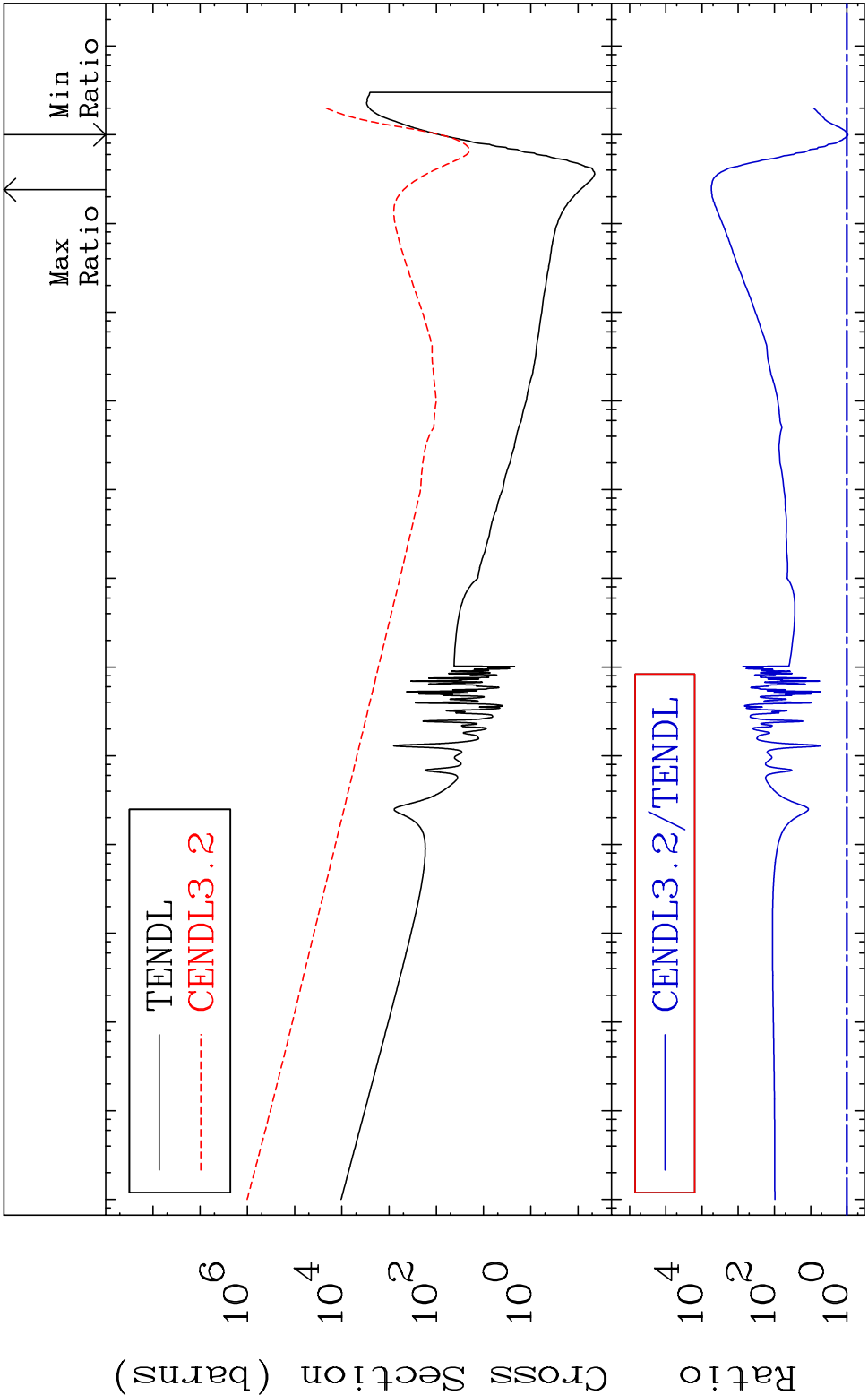








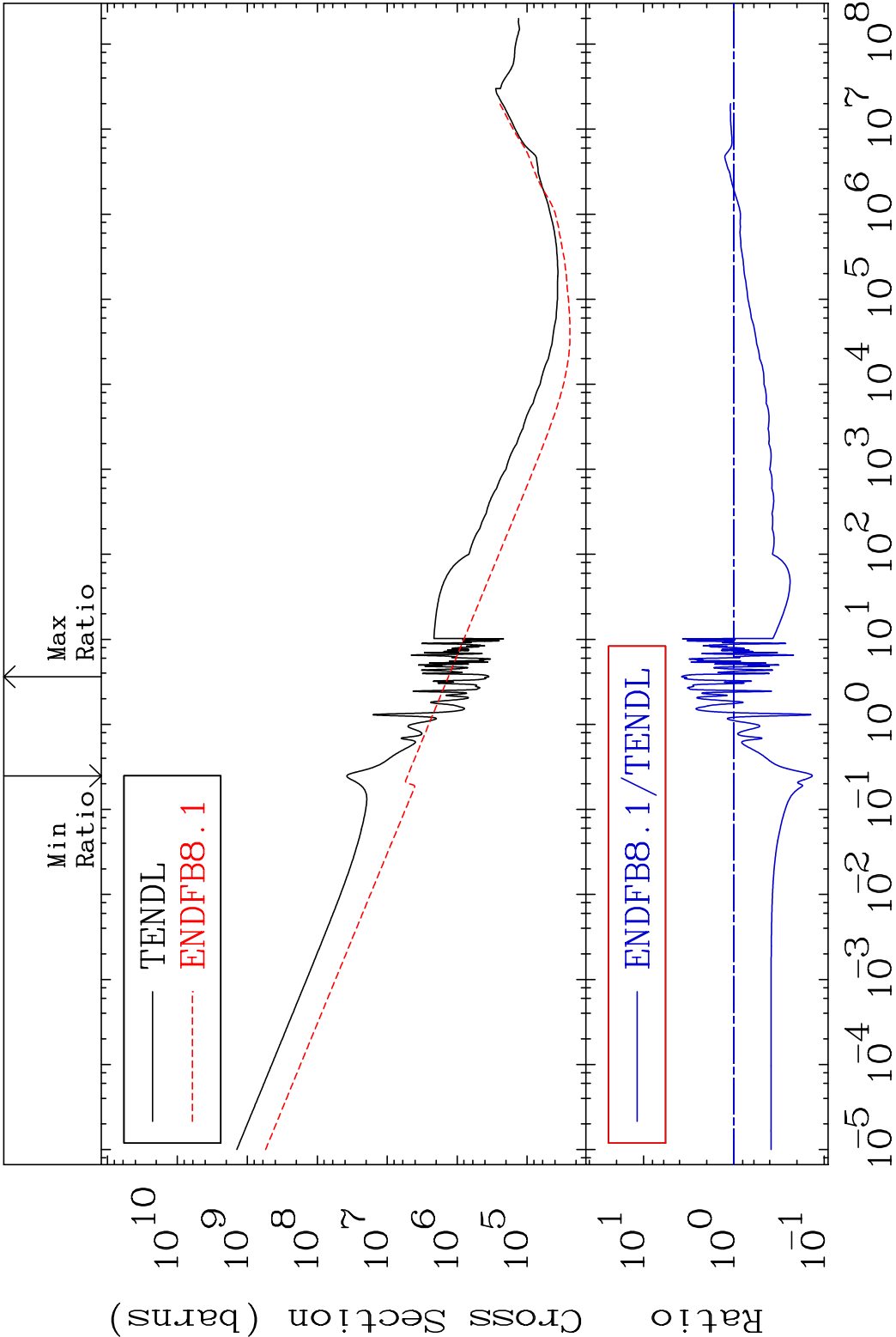
MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240
Cross Section -5.214 To 9999. %



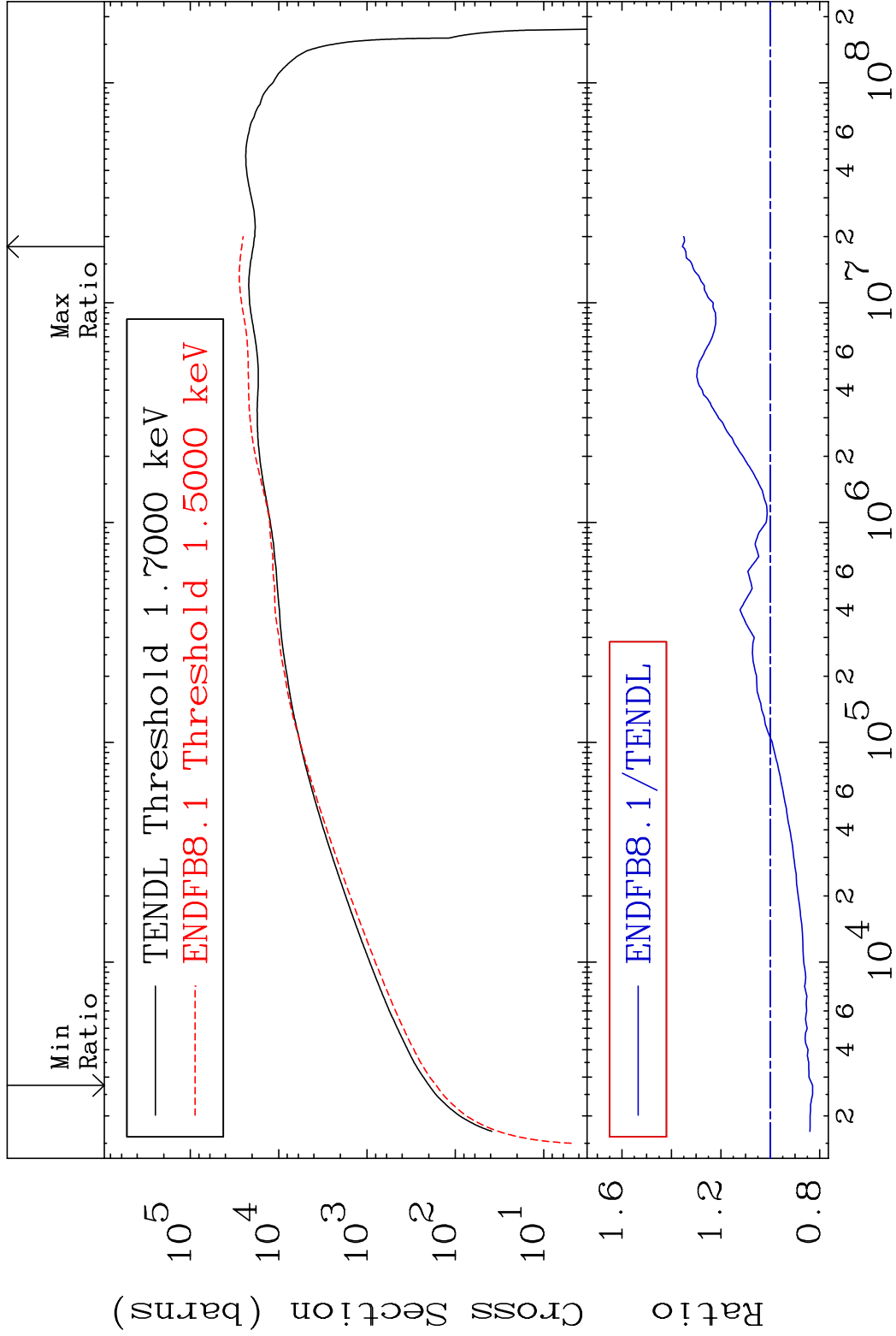
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

35 Incident Energy (eV) 95-Am-240

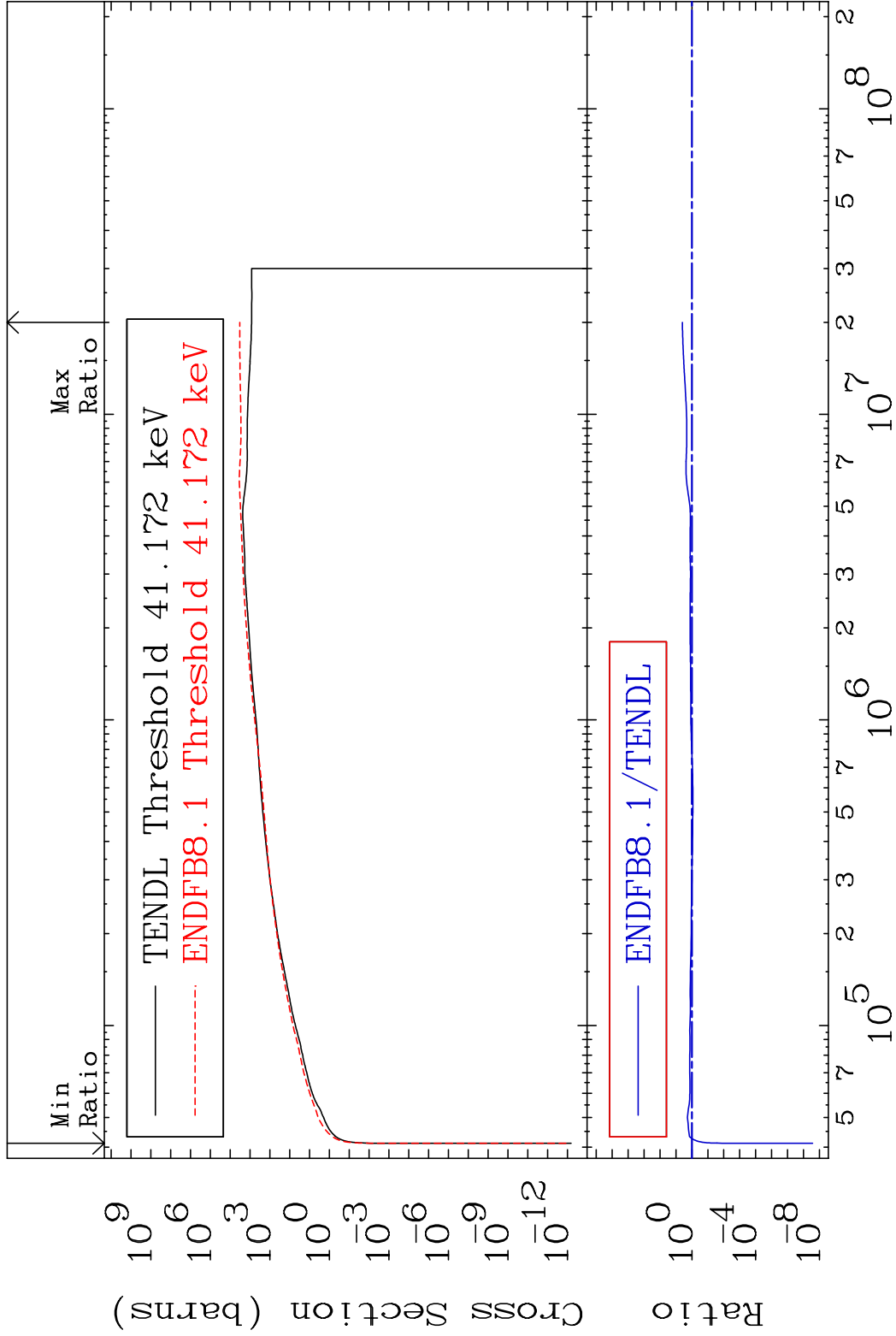
MAT 9540	Dpa total (eV-barns)	95-Am-240
	Cross Section	-86.46 To 280.3 %



MAT 9540 Dpa elastic (mt2) 95-Am-240
Cross Section -17.10 To 35.57 %



MAT 9540 Dpa inelastic (mt51-91) 95-Am-240
Cross Section -100.0 To 295.2 %



MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240
Cross Section -100.0 To 1480. %

