

Program Complot
(Version 2021-1)

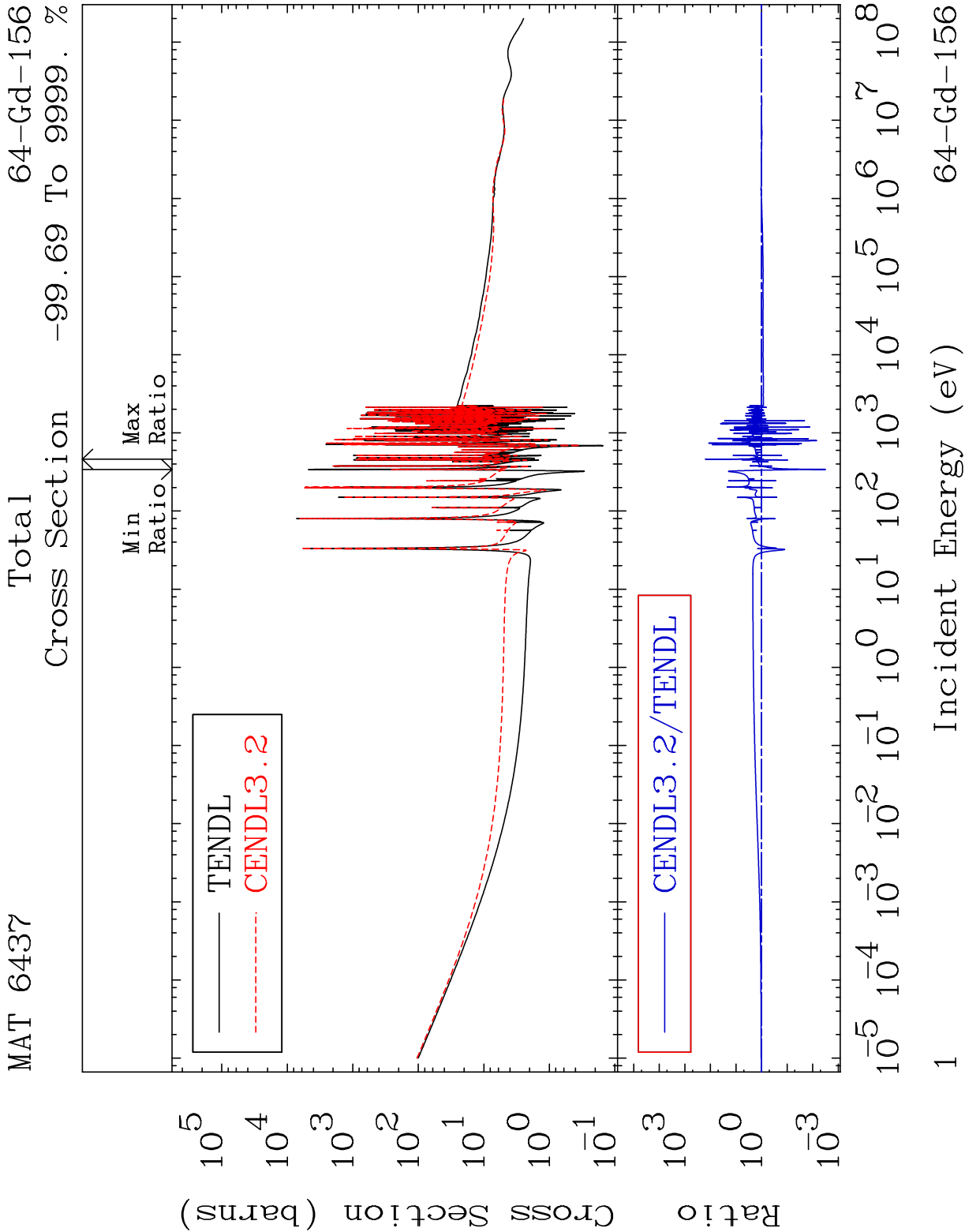
by

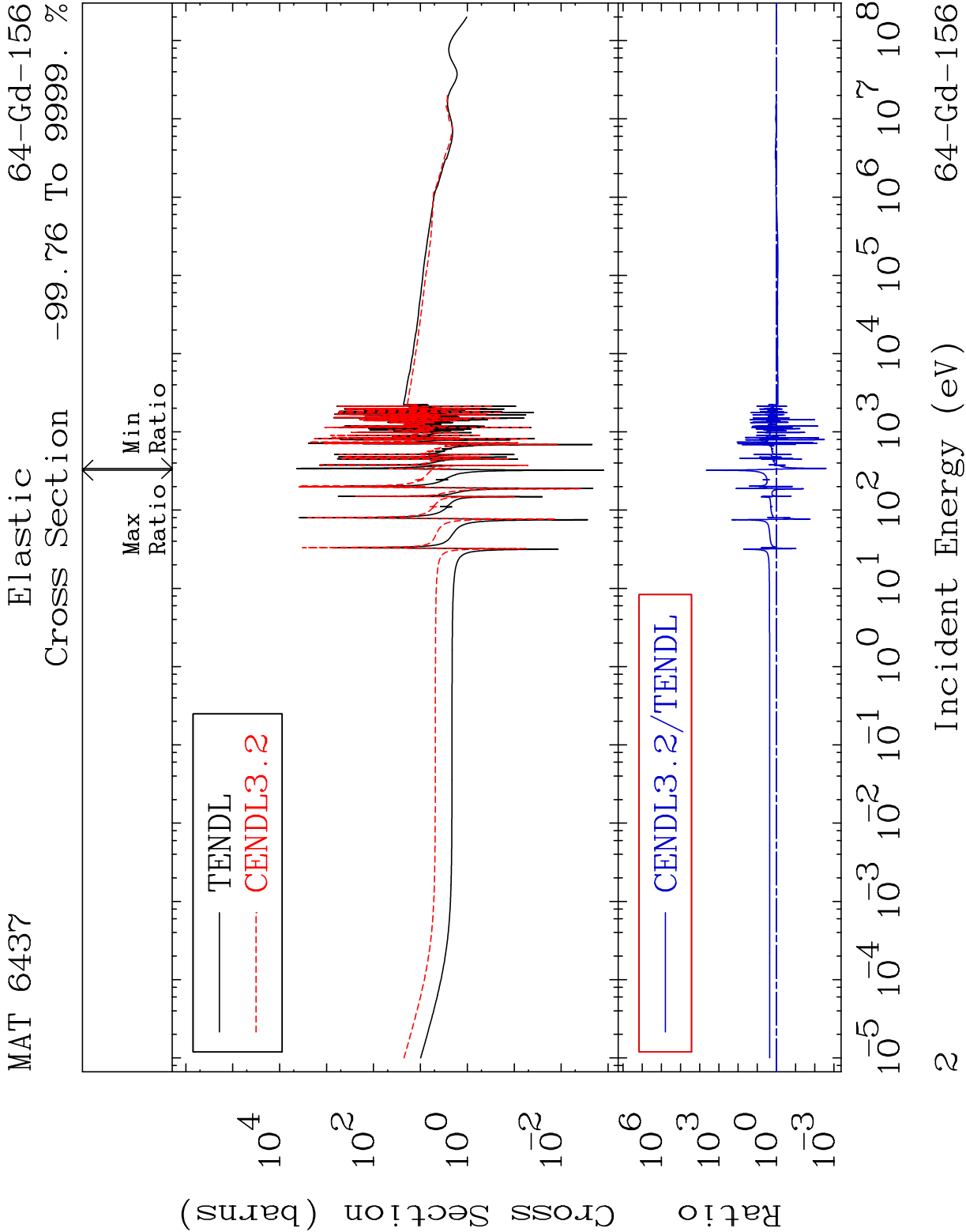
Dermott E. Cullen
(Present Contact Information)

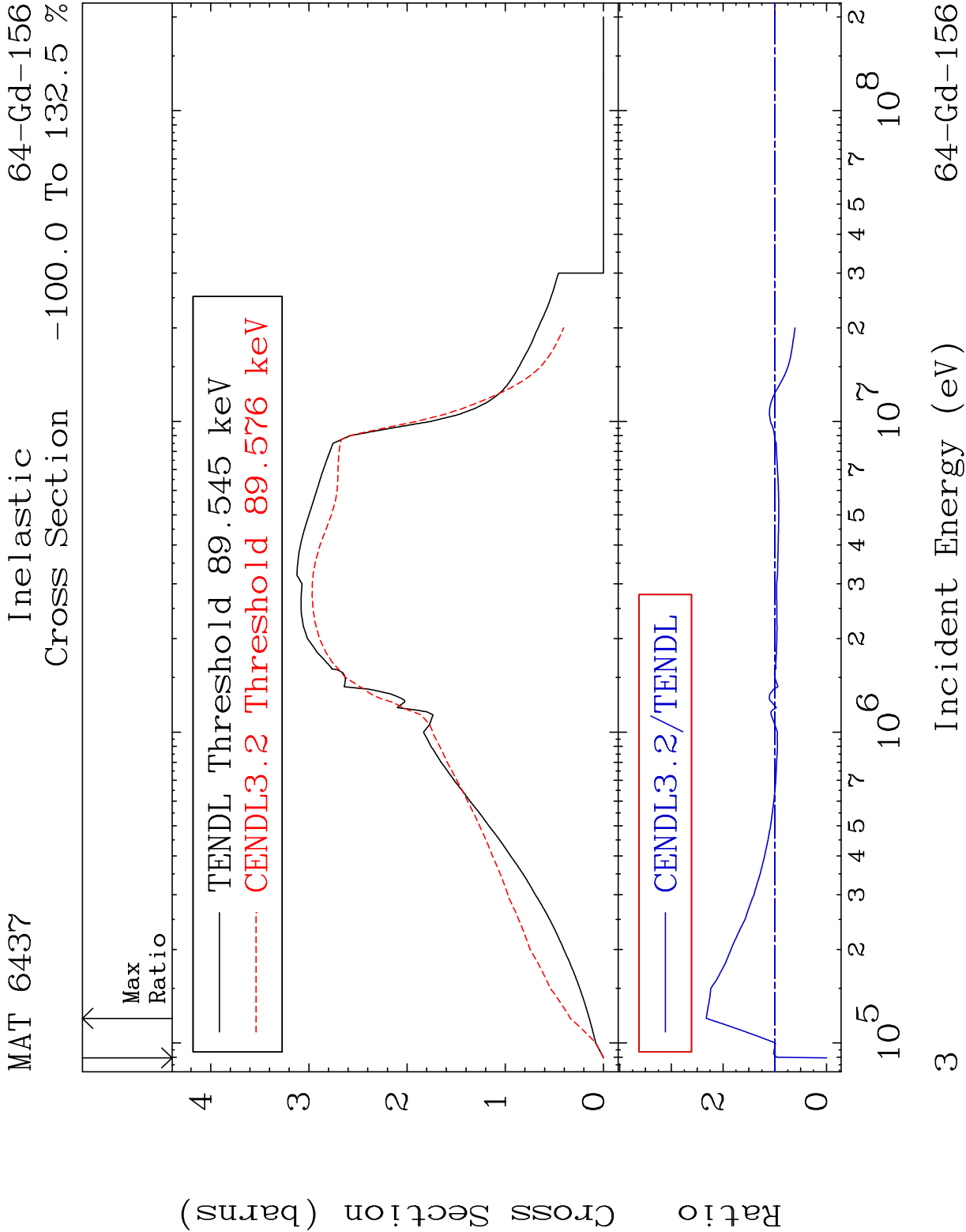
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

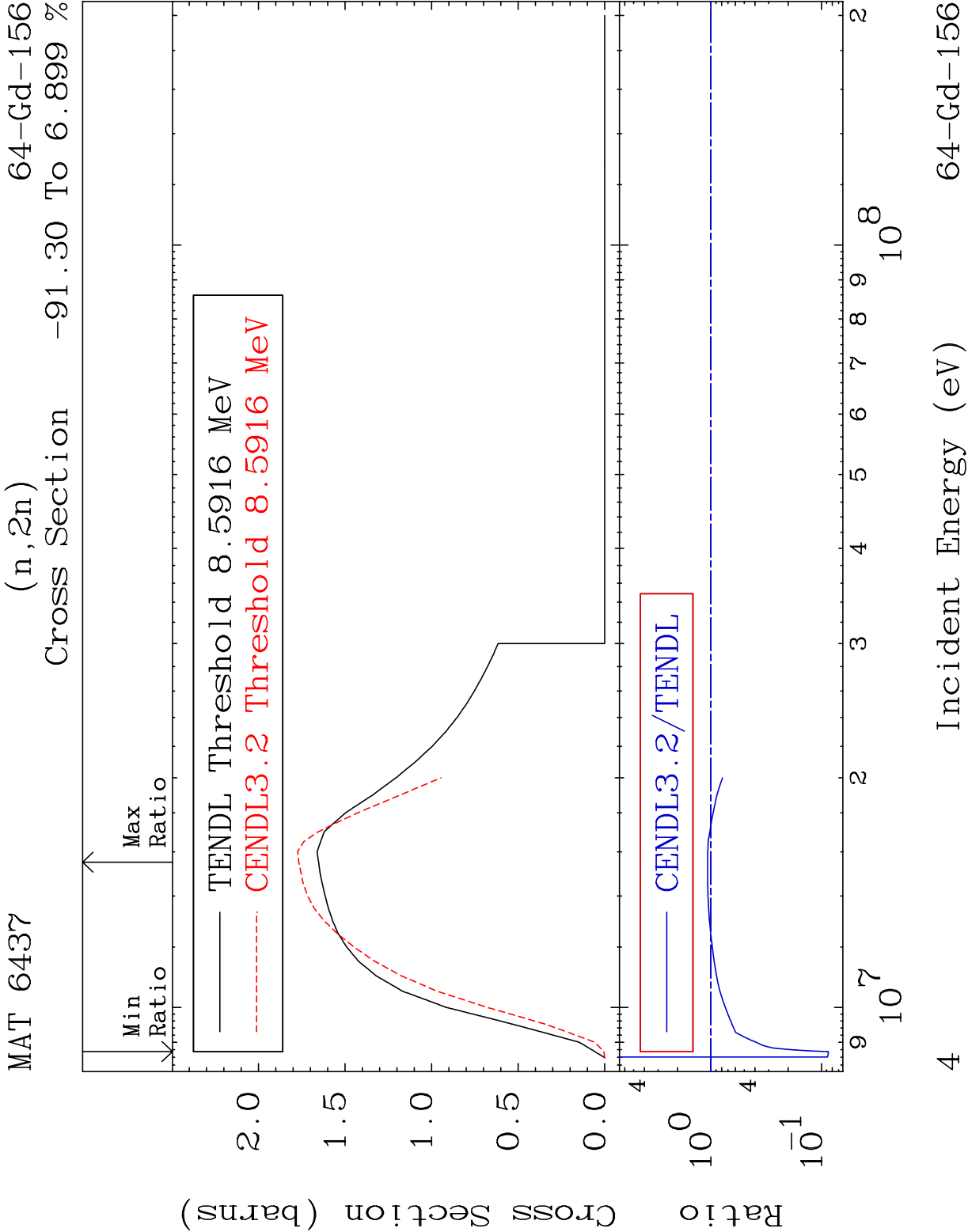
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

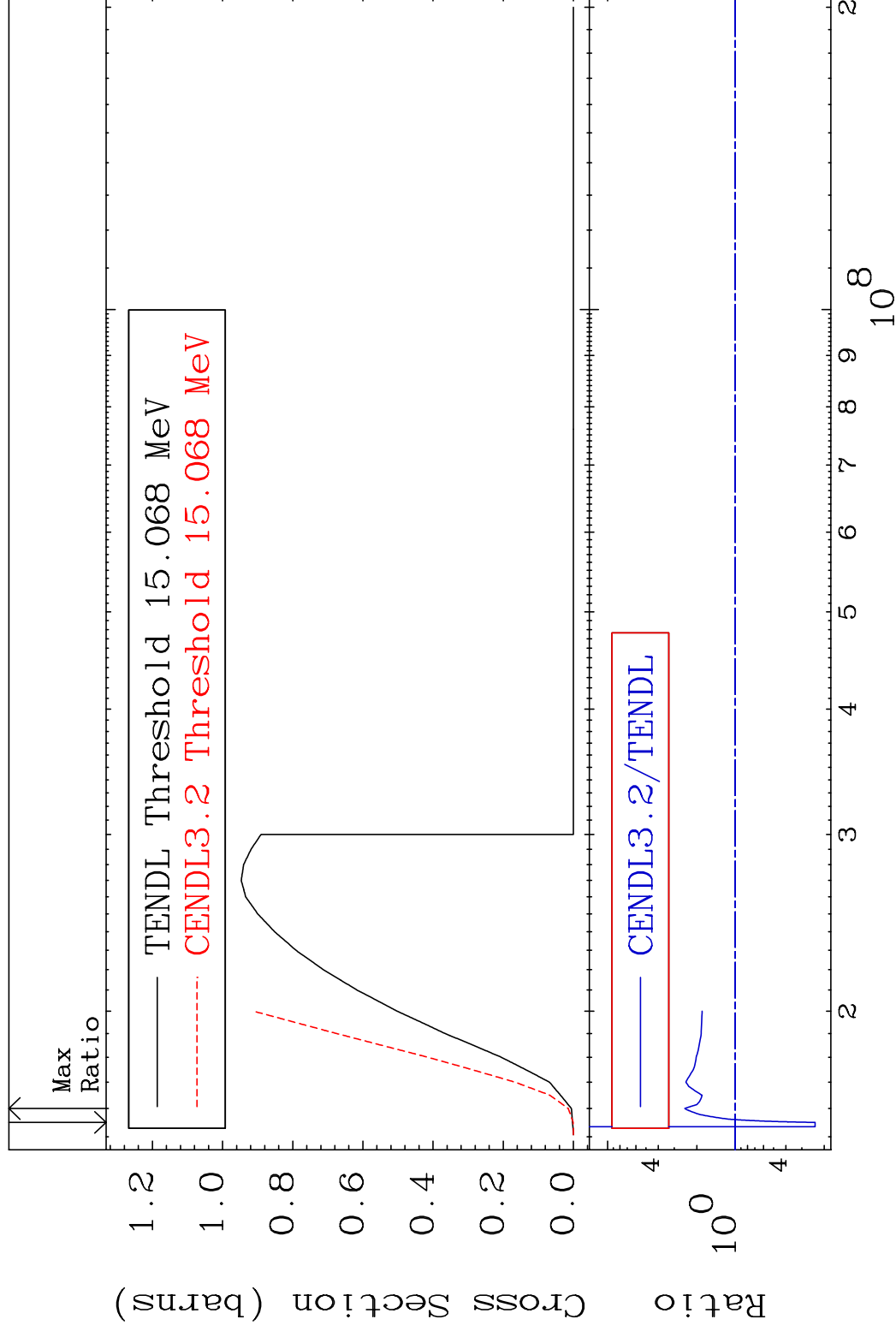
Press Mouse Button to Start

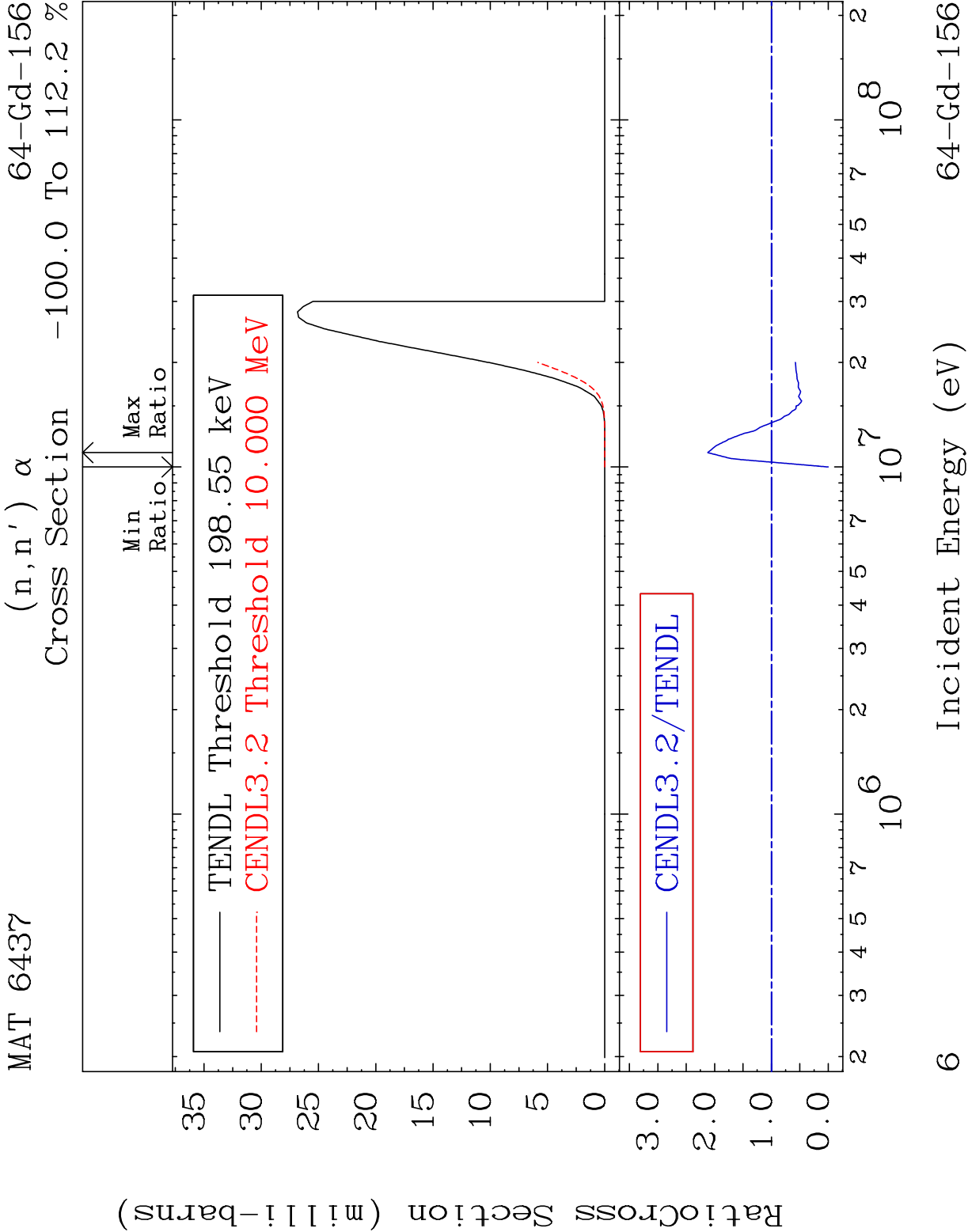


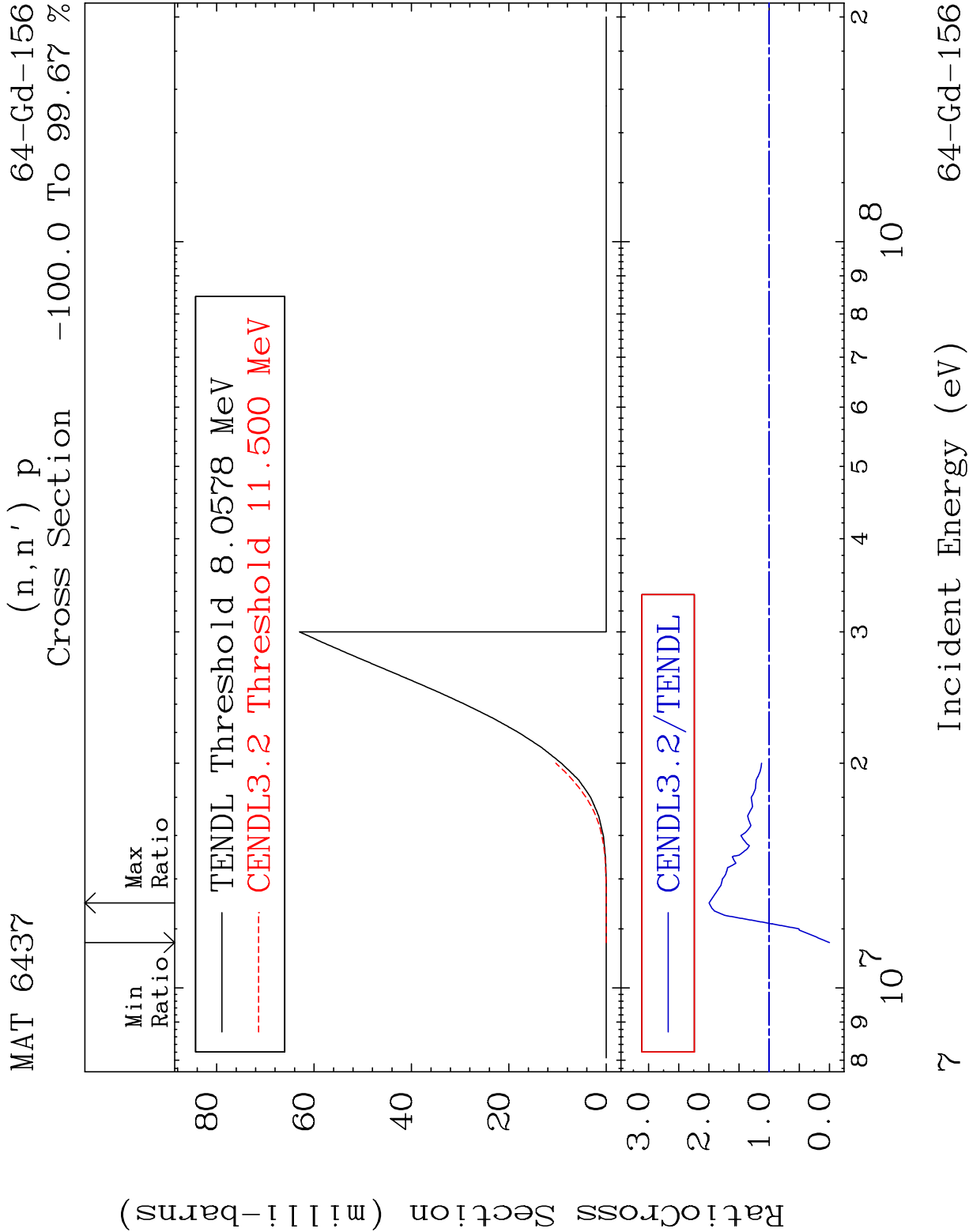




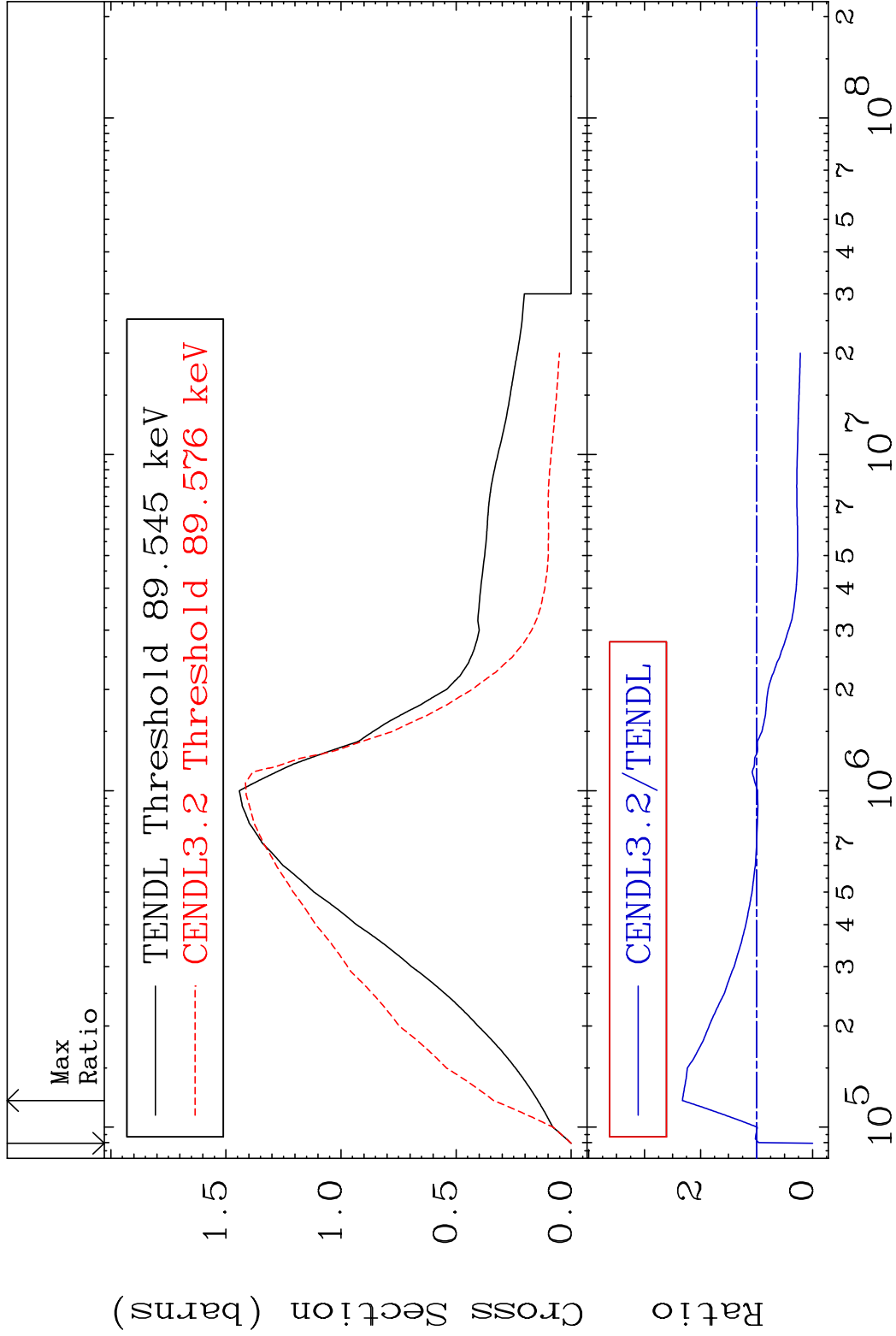








MAT 6437 MT= 51 (n,n') Level 64-Gd-156
Cross Section -100.0 To 132.5 %



8 Incident Energy (eV) 64-Gd-156

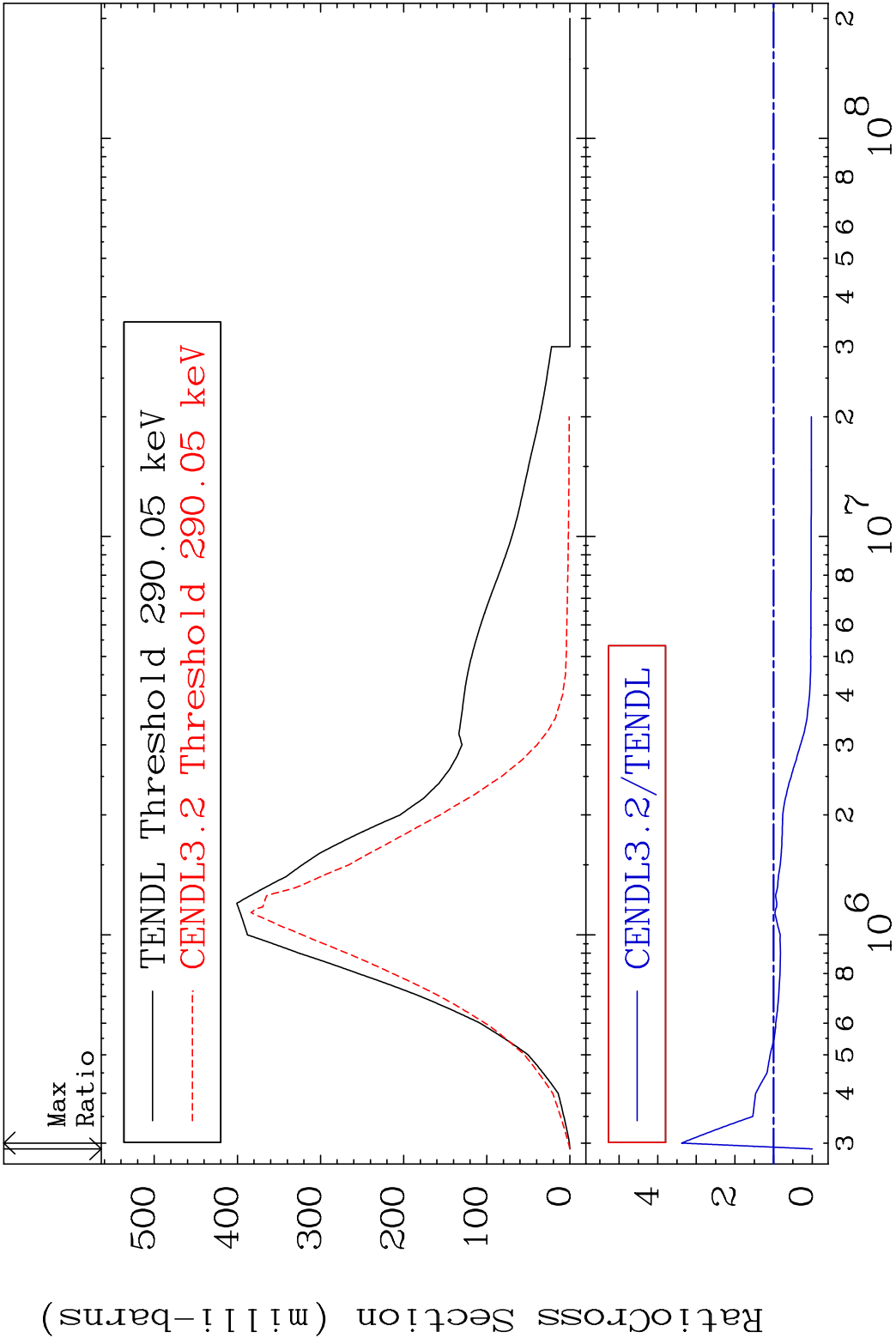
MAT 6437

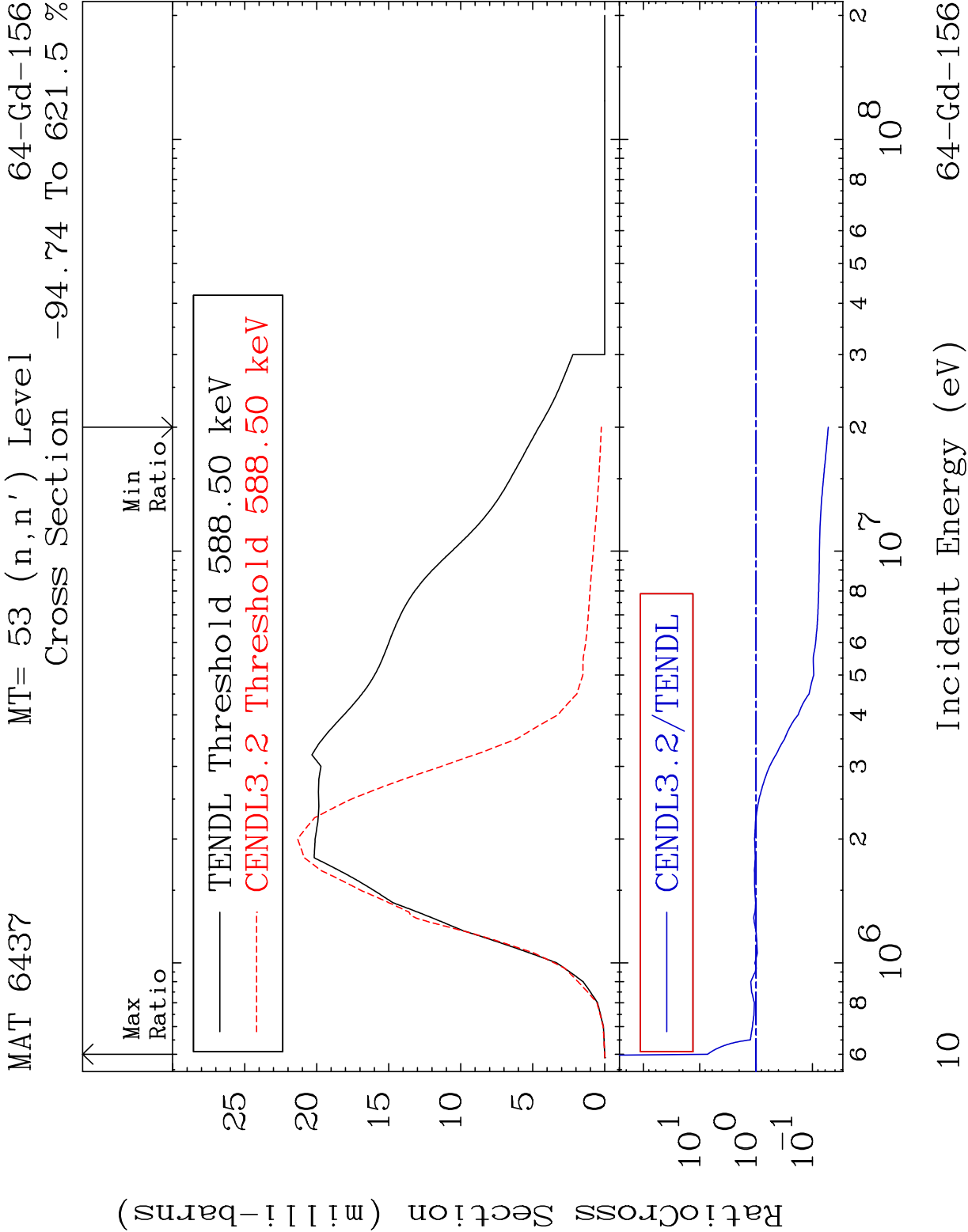
MT= 52 (n,n') Level

64-Gd-156

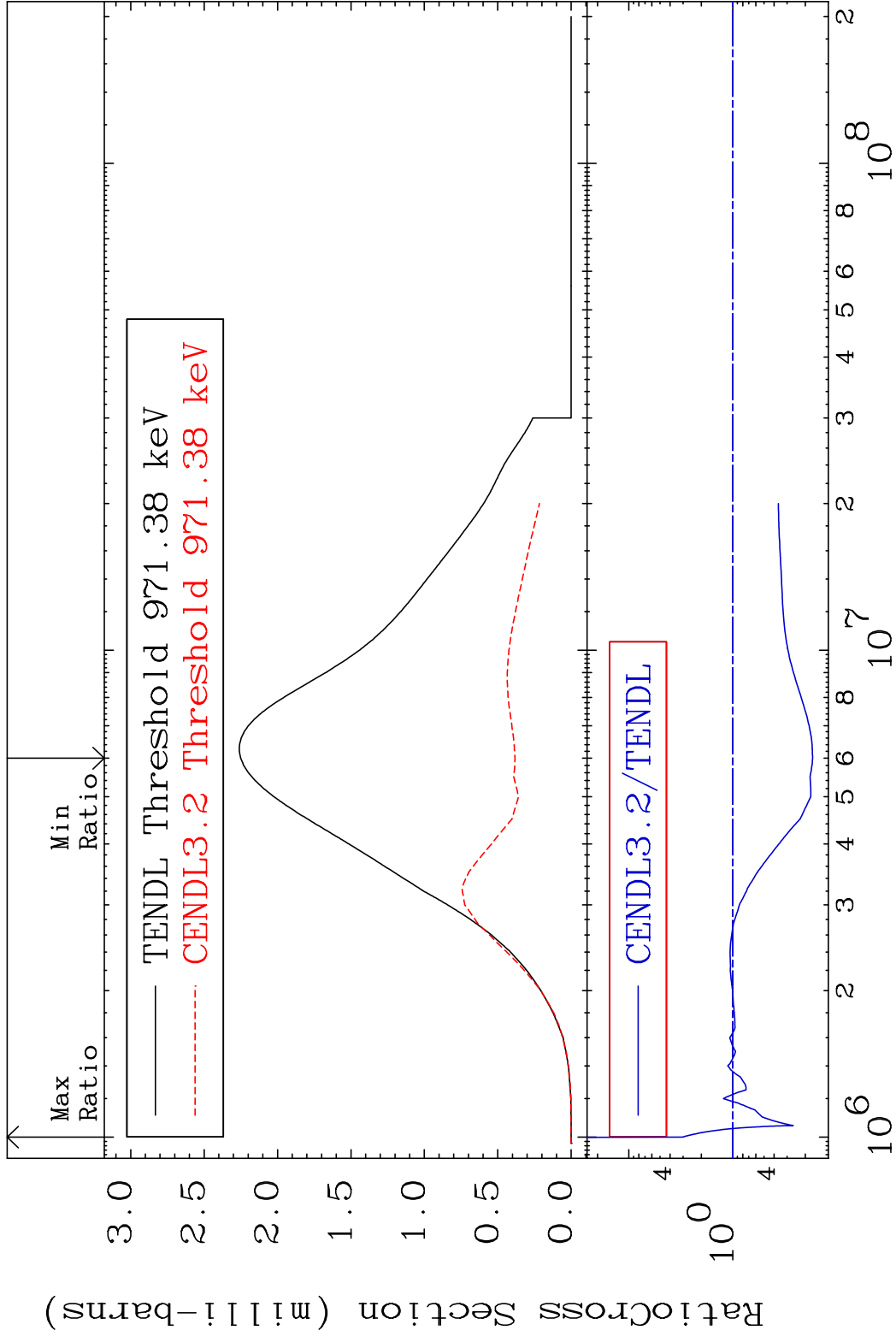
Cross Section

-100.0 To 238.3 %

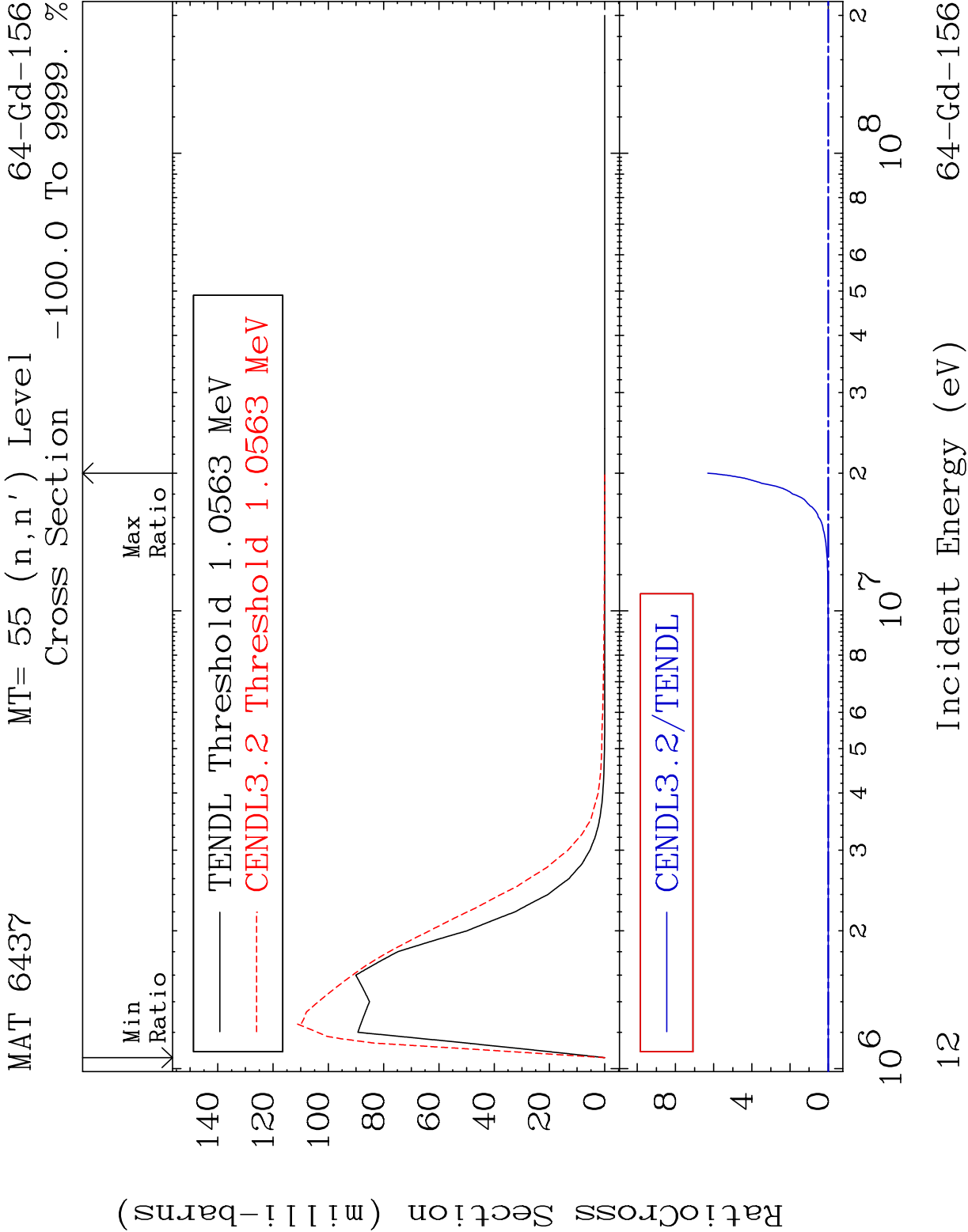




MAT 6437 MT= 54 (n,n') Level 64-Gd-156
Cross Section -82.98 To 205.1 %



11 Incident Energy (eV) 64-Gd-156



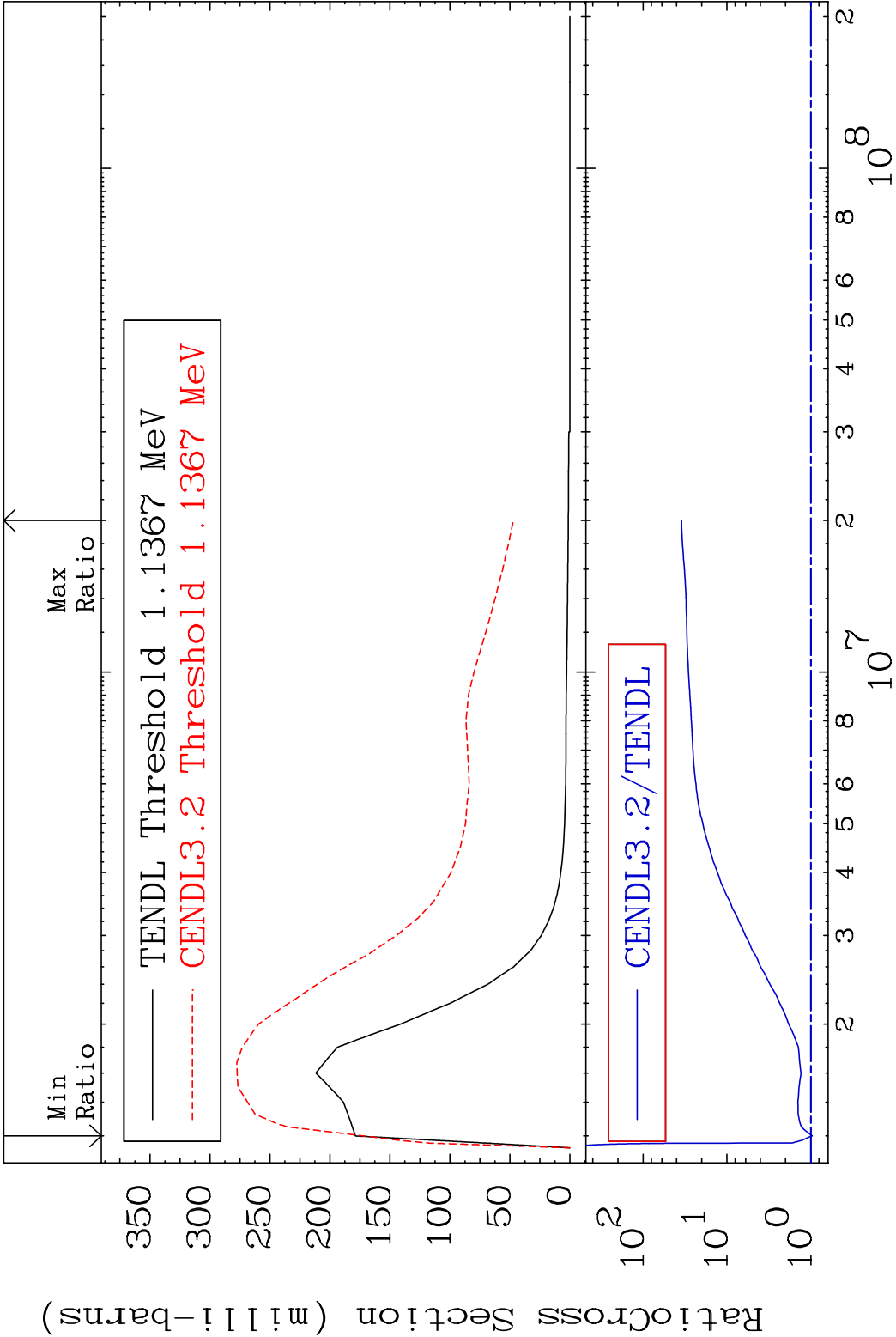
MAT 6437

MT= 56 (n,n') Level

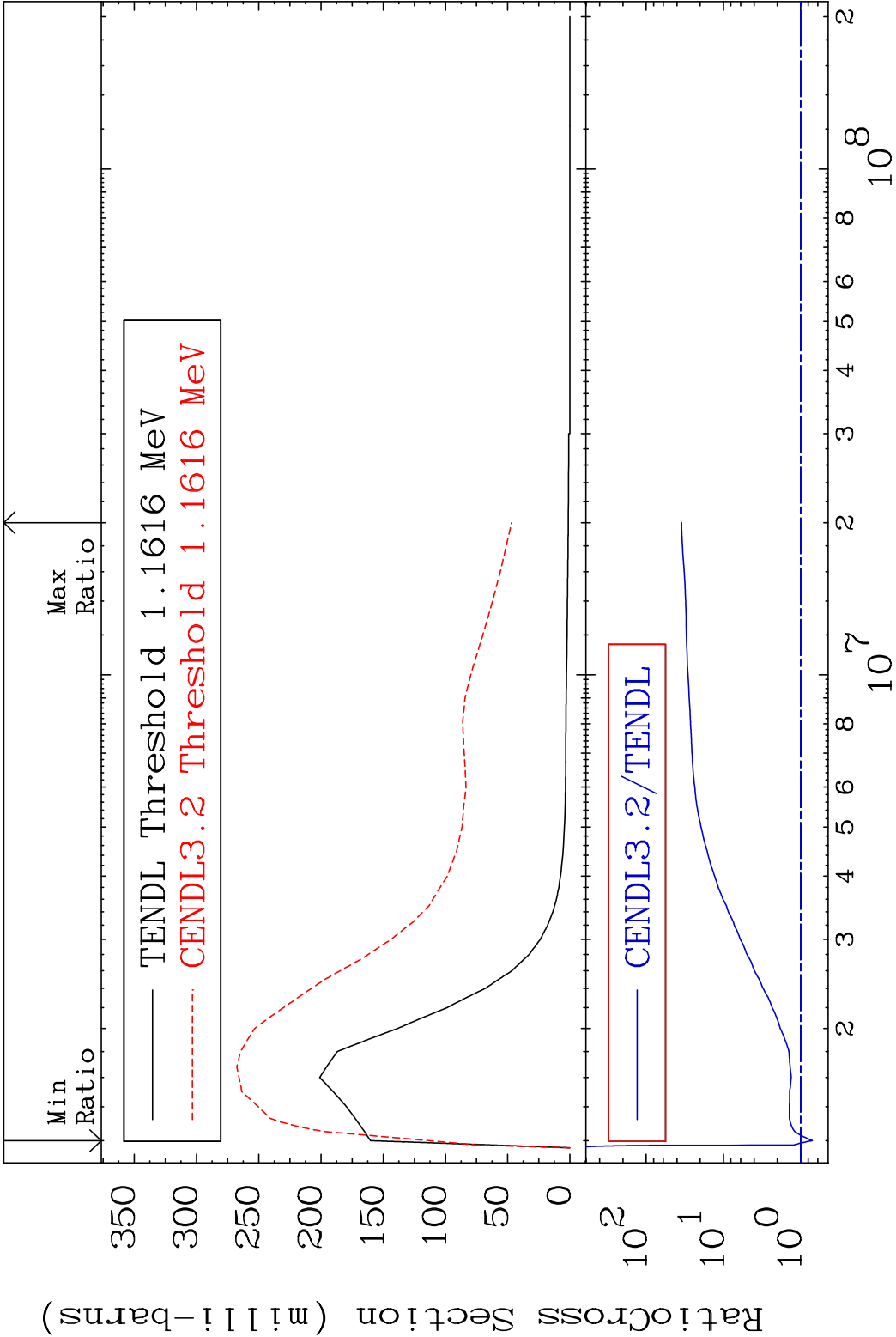
64-Gd-156

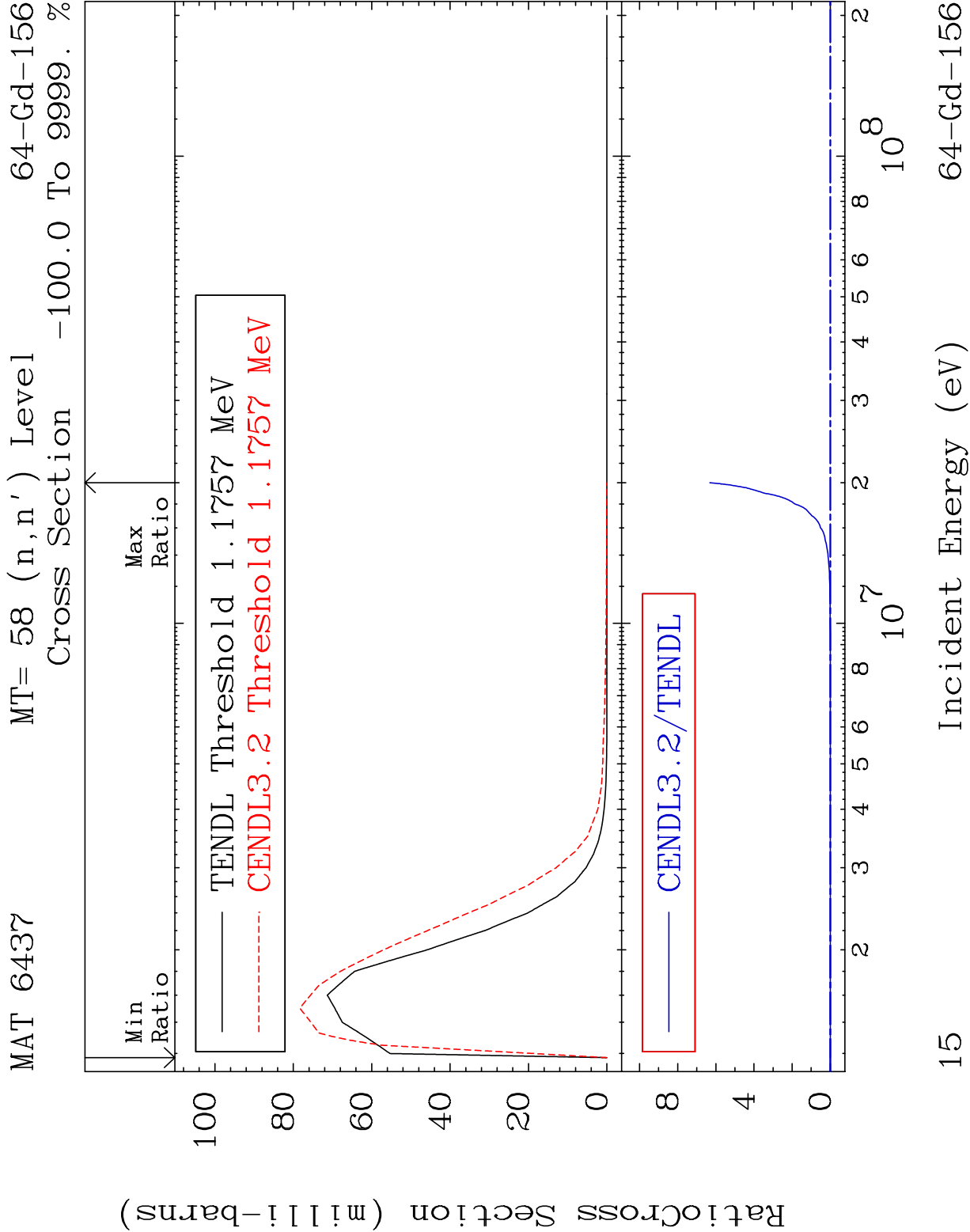
Cross Section

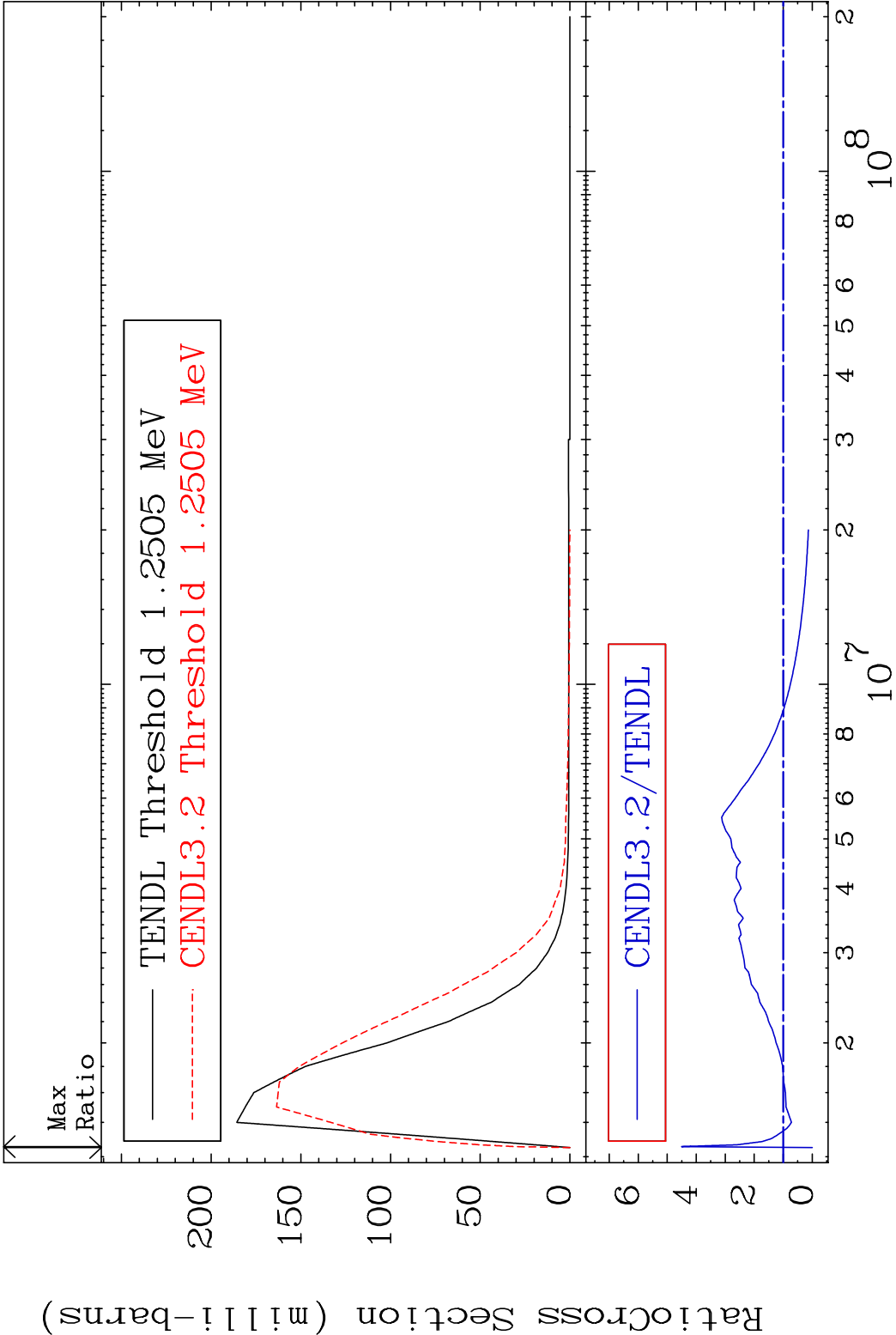
-3.874 To 3389. %

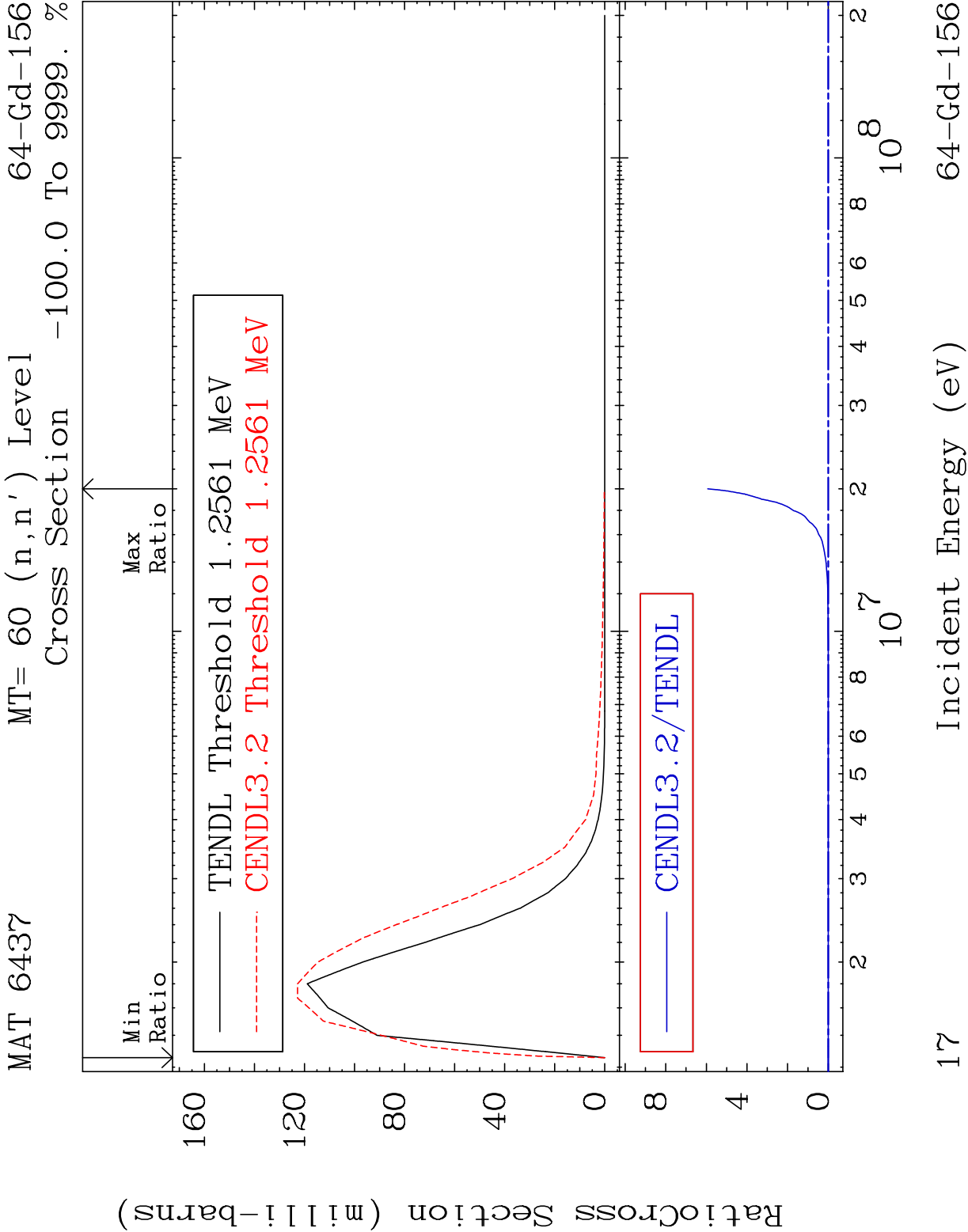


MAT 6437 MT= 57 (n,n') Level 64-Gd-156
Cross Section -29.30 To 3384. %









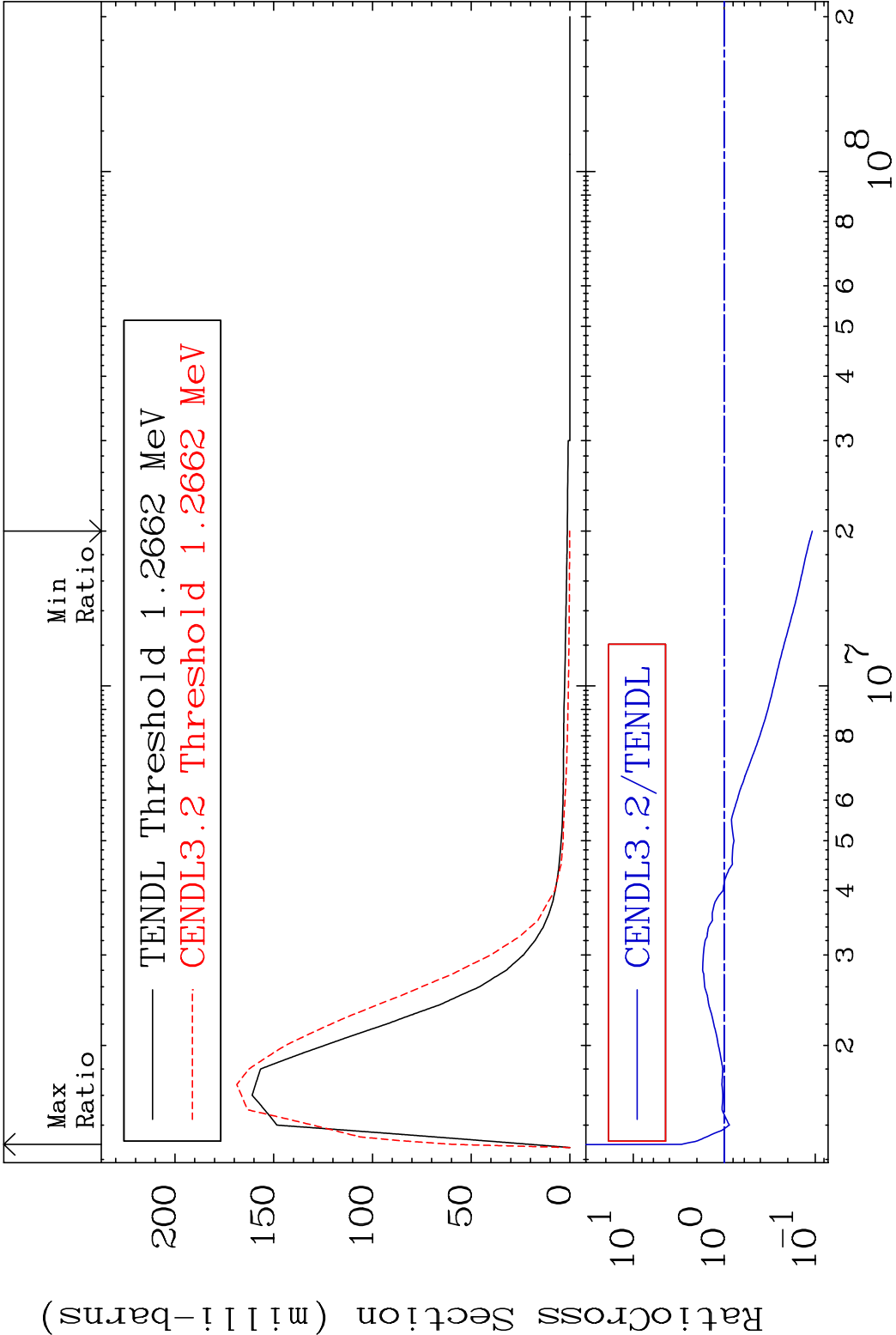
MAT 6437

MT= 61 (n,n') Level

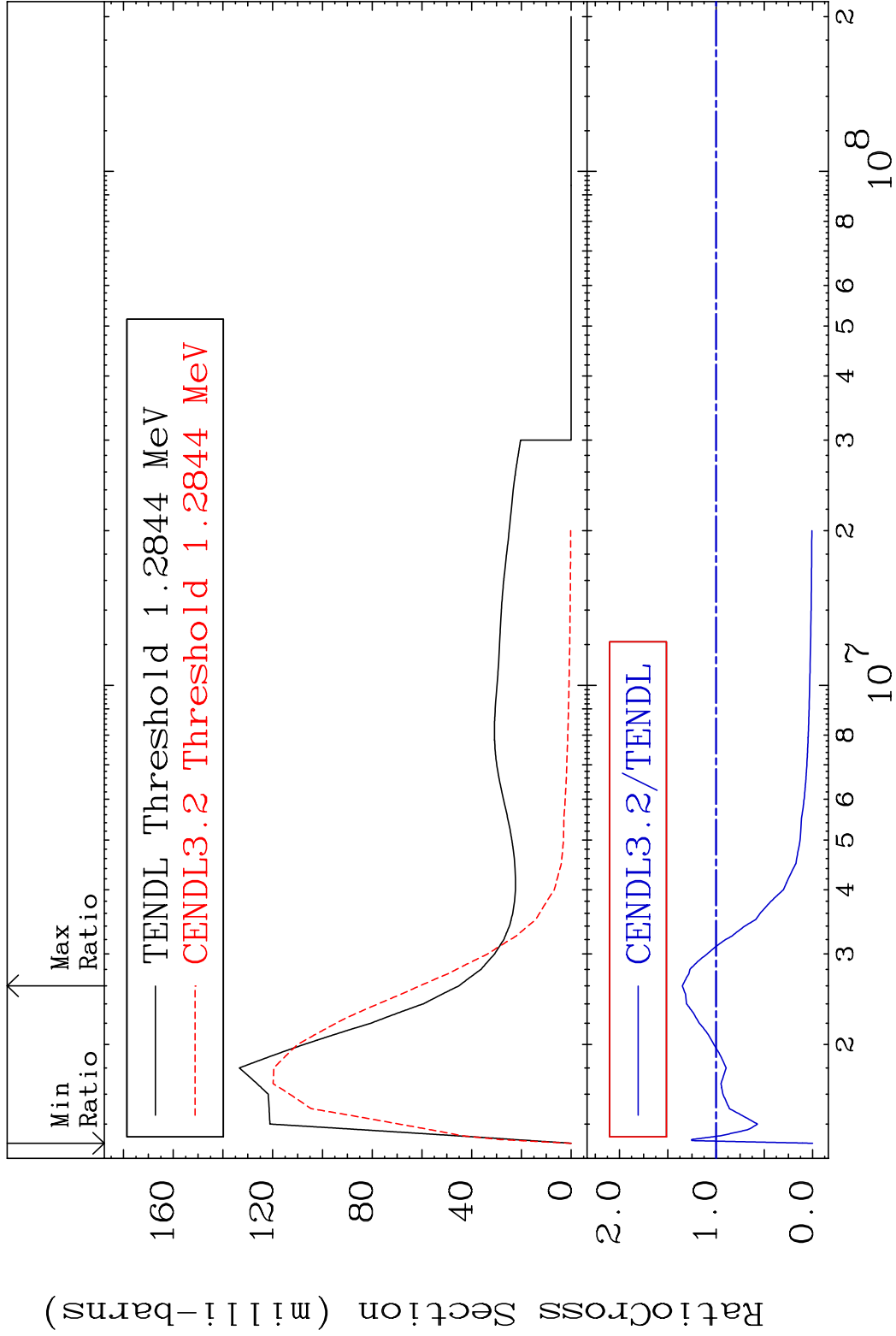
64-Gd-156

Cross Section

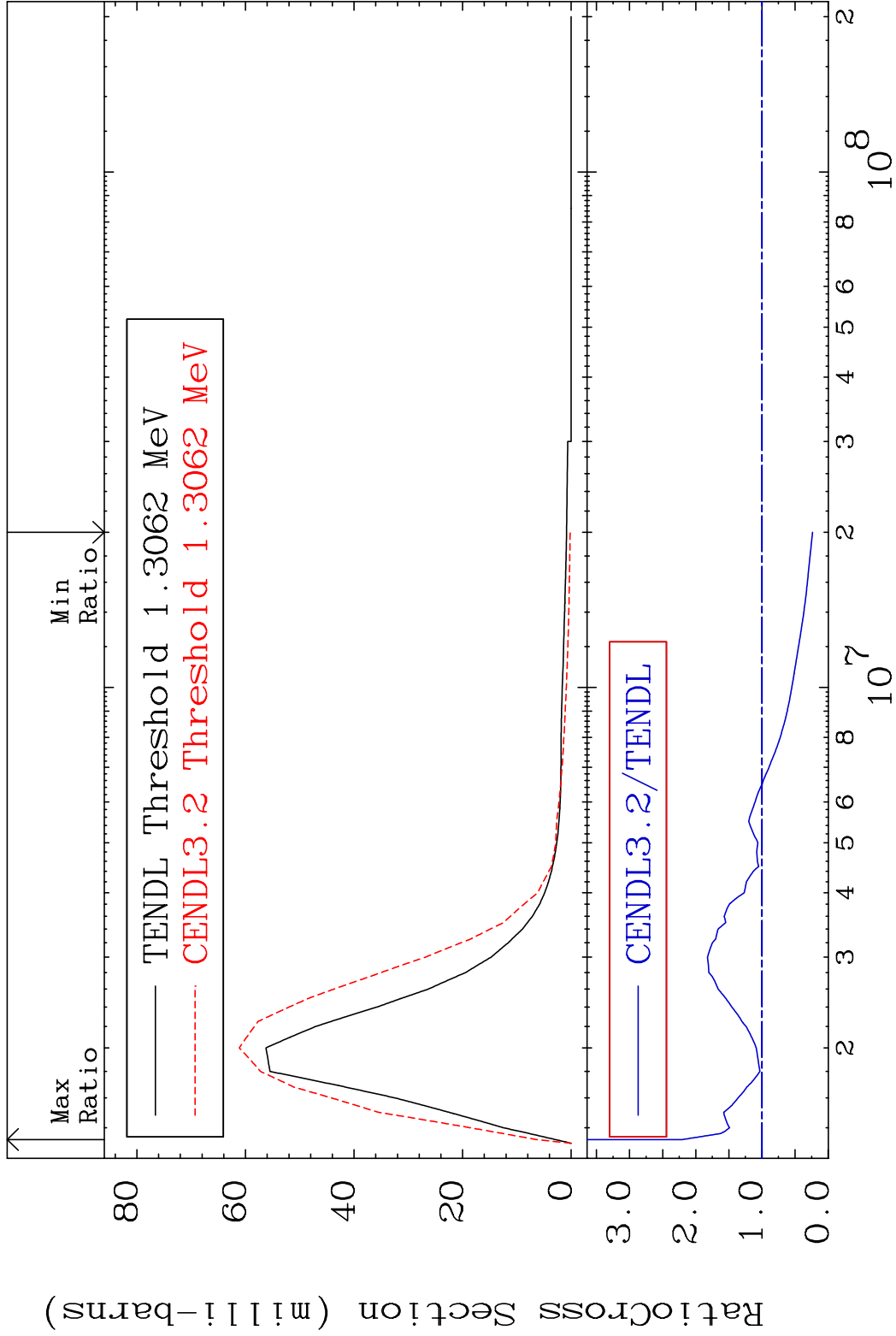
-89.23 To 194.3 %

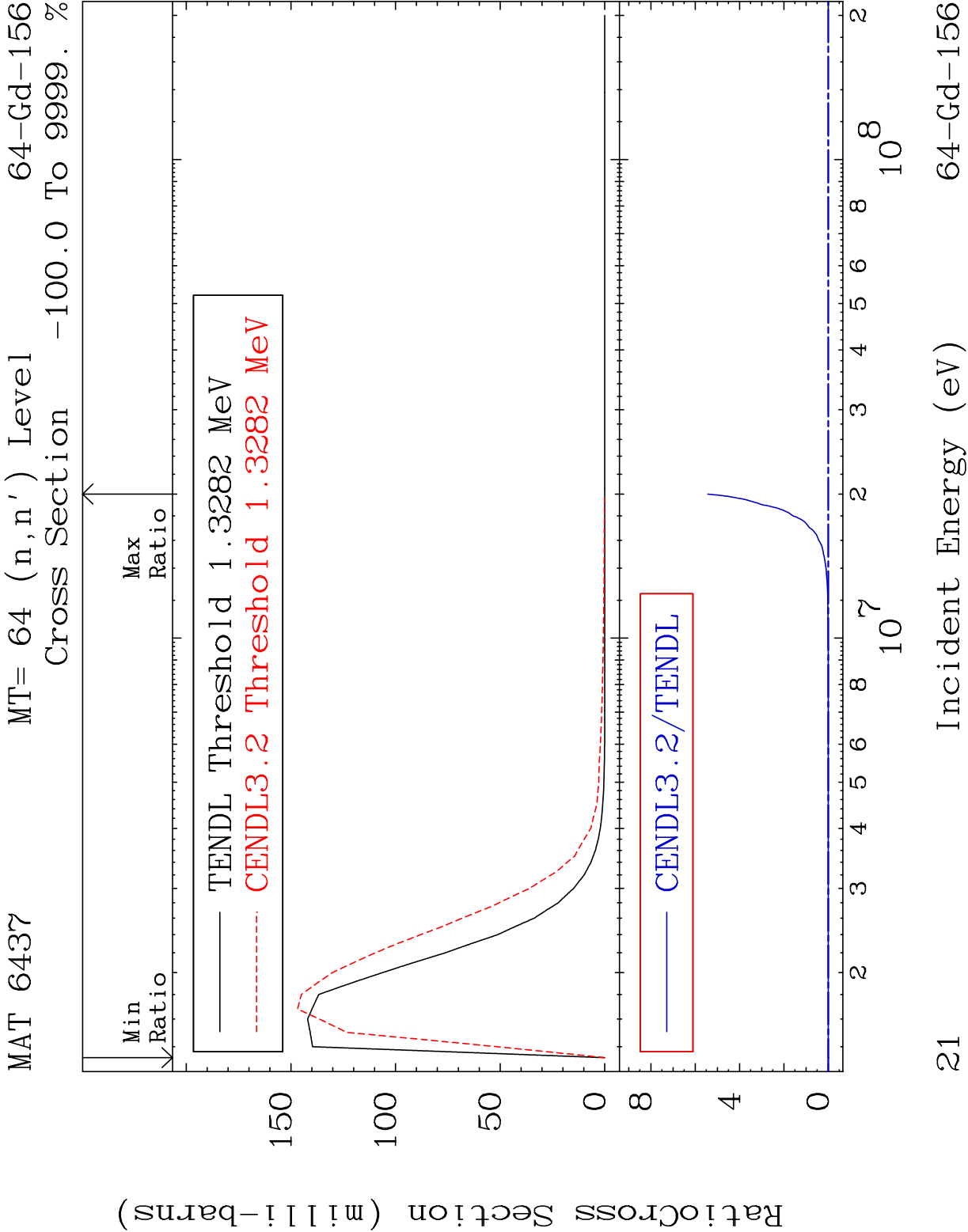


MAT 6437 MT= 62 (n,n') Level 64-Gd-156
Cross Section -100.0 To 34.89 %



MAT 6437 MT= 63 (n,n') Level 64-Gd-156
Cross Section -76.45 To 120.3 %





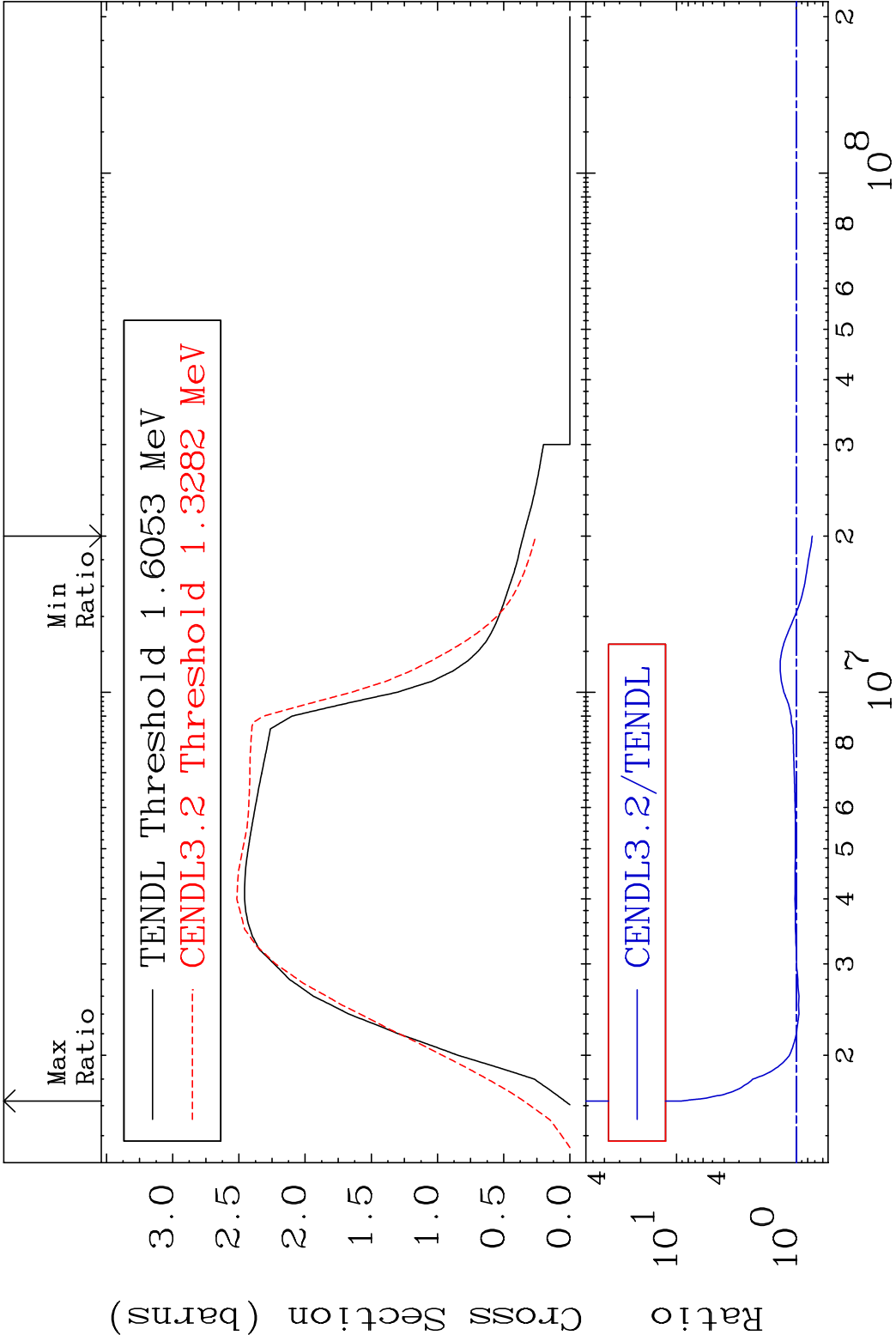
MAT 6437

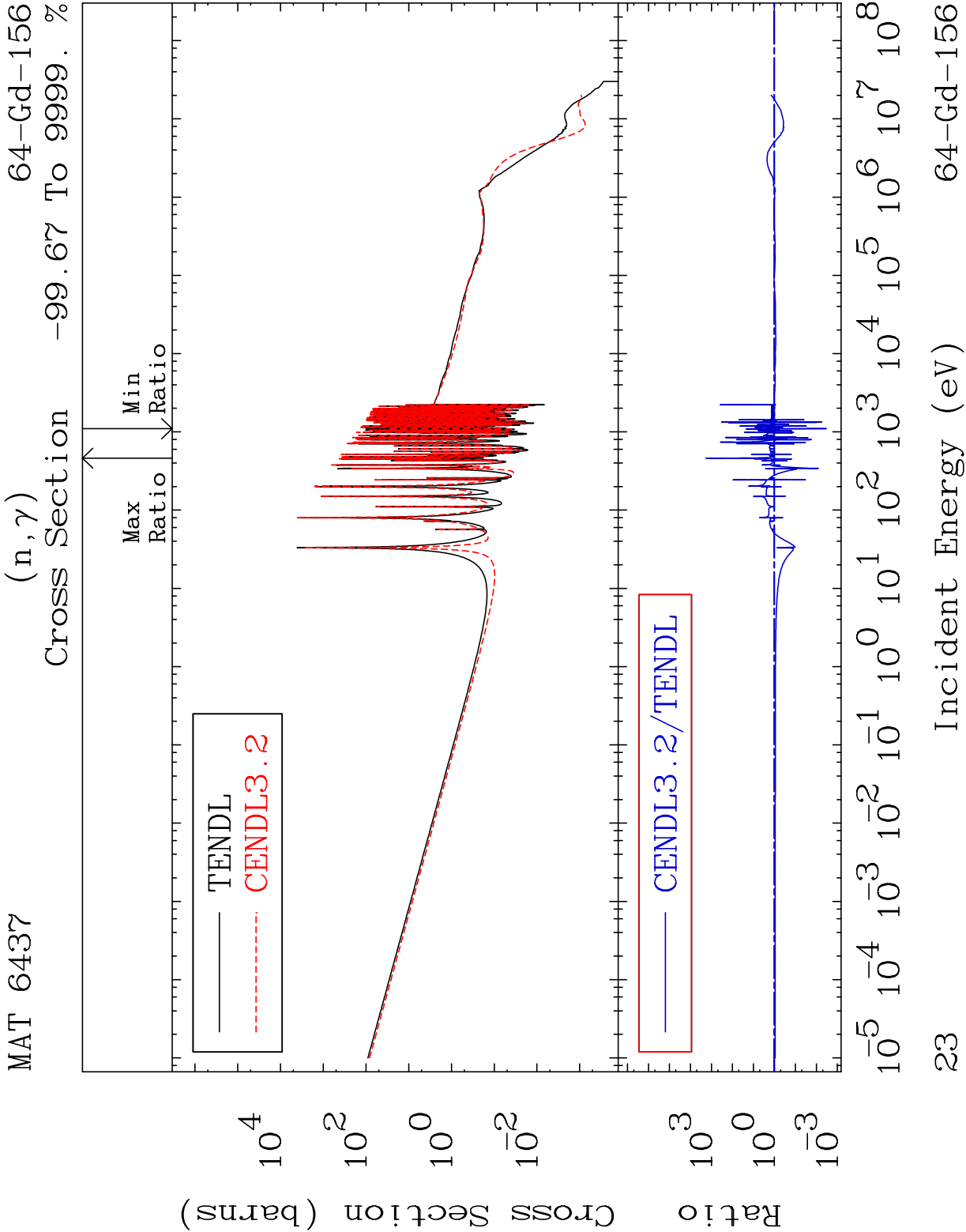
(n,n') Continuum

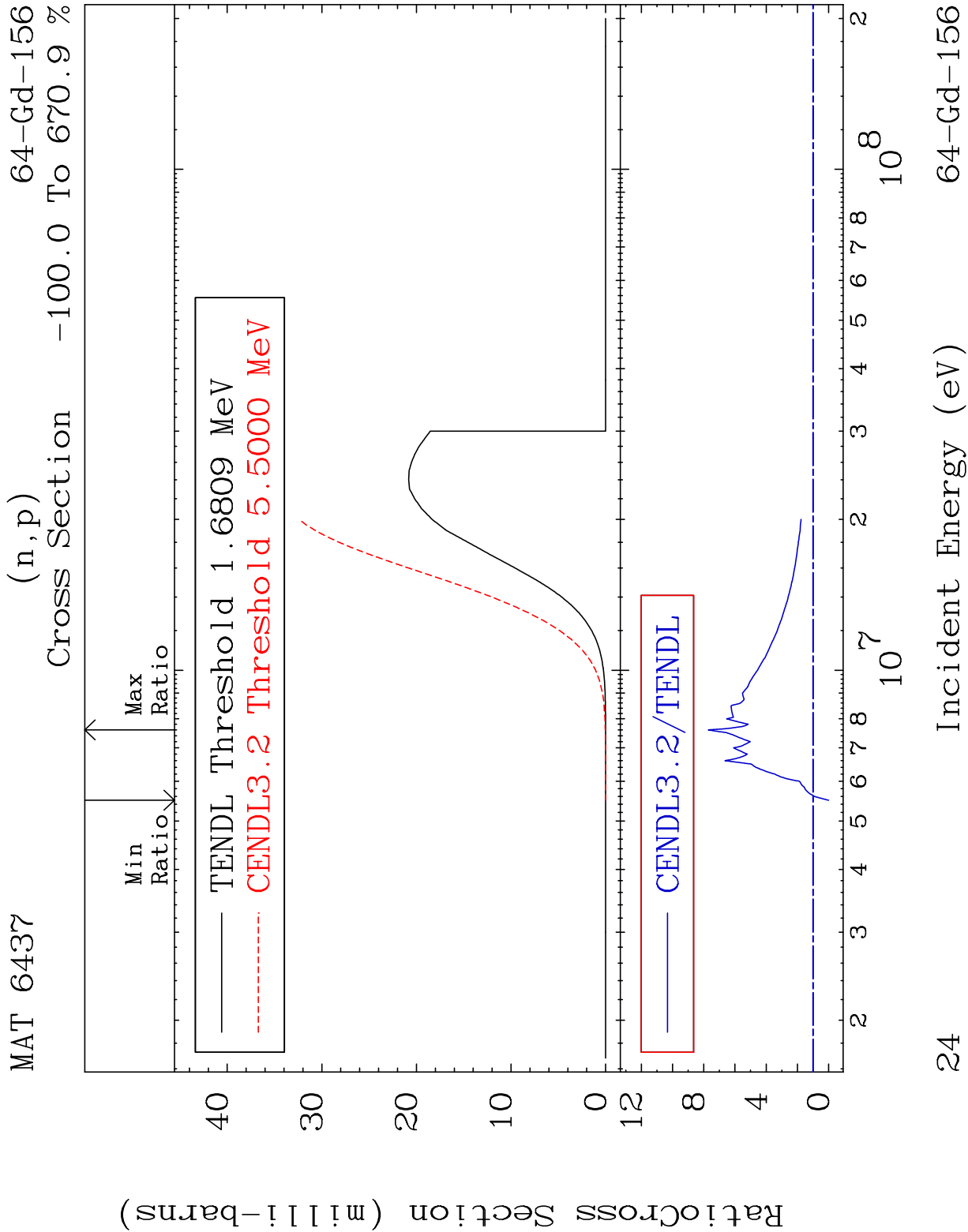
64-Gd-156

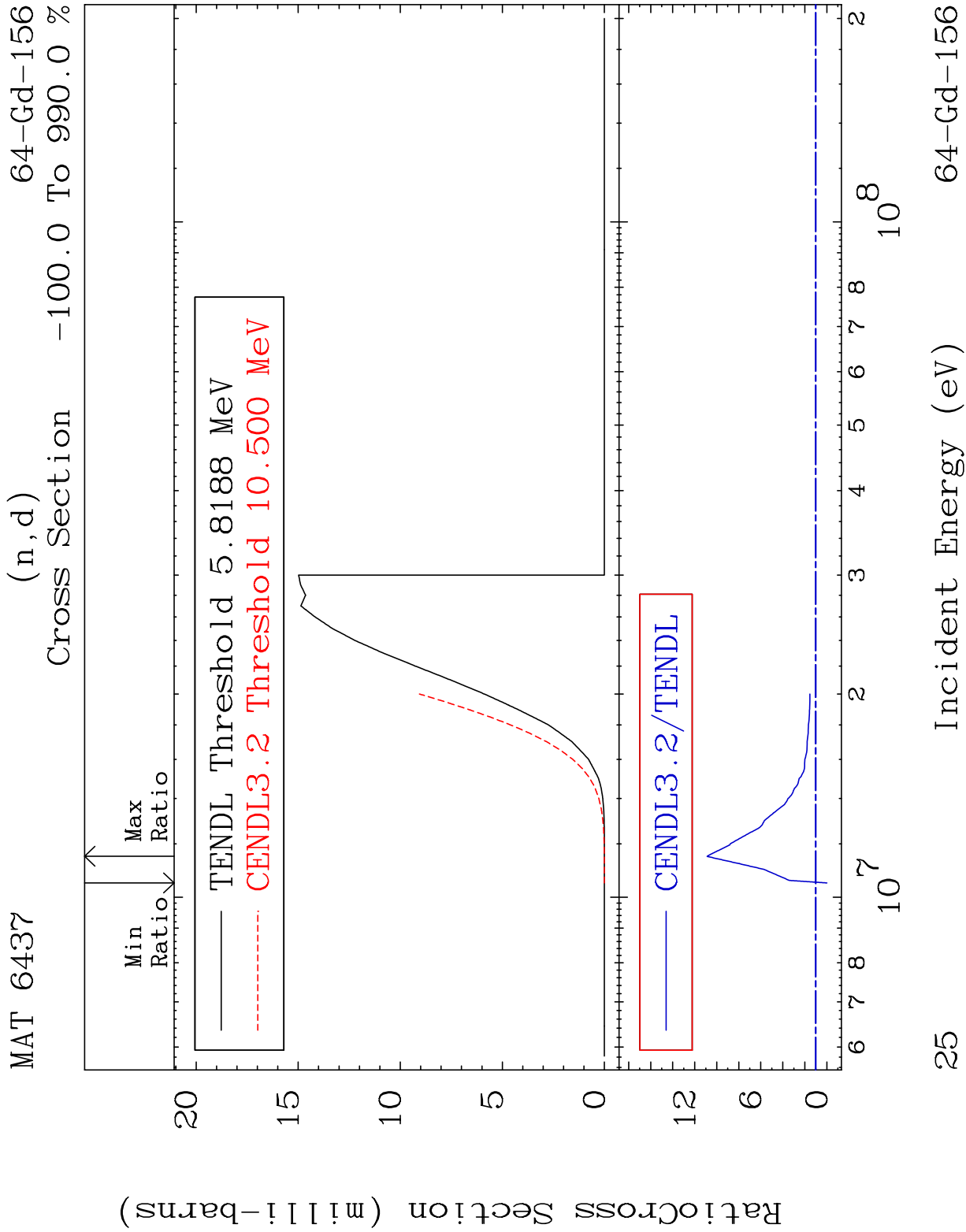
Cross Section

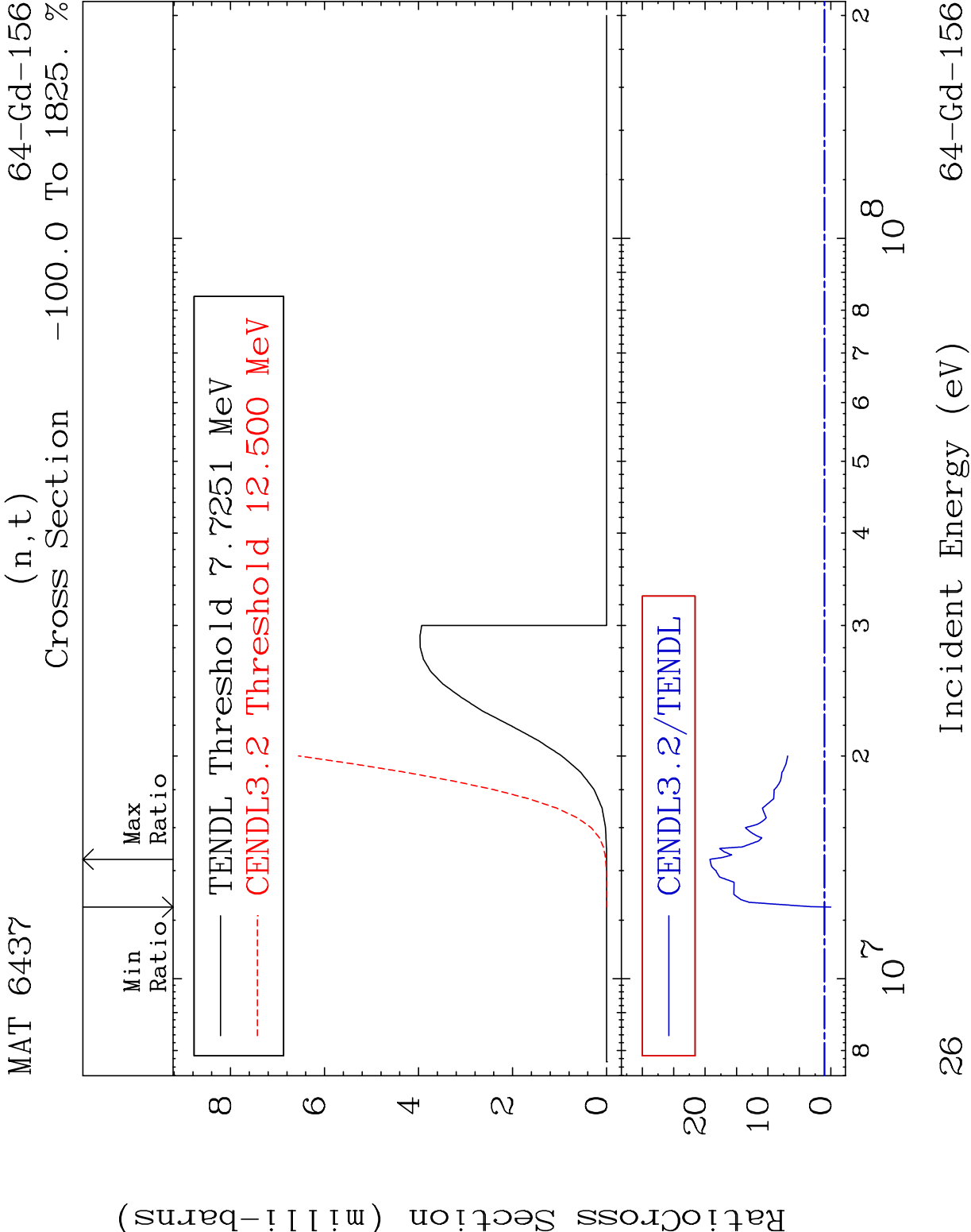
-26.57 To 808.0 %

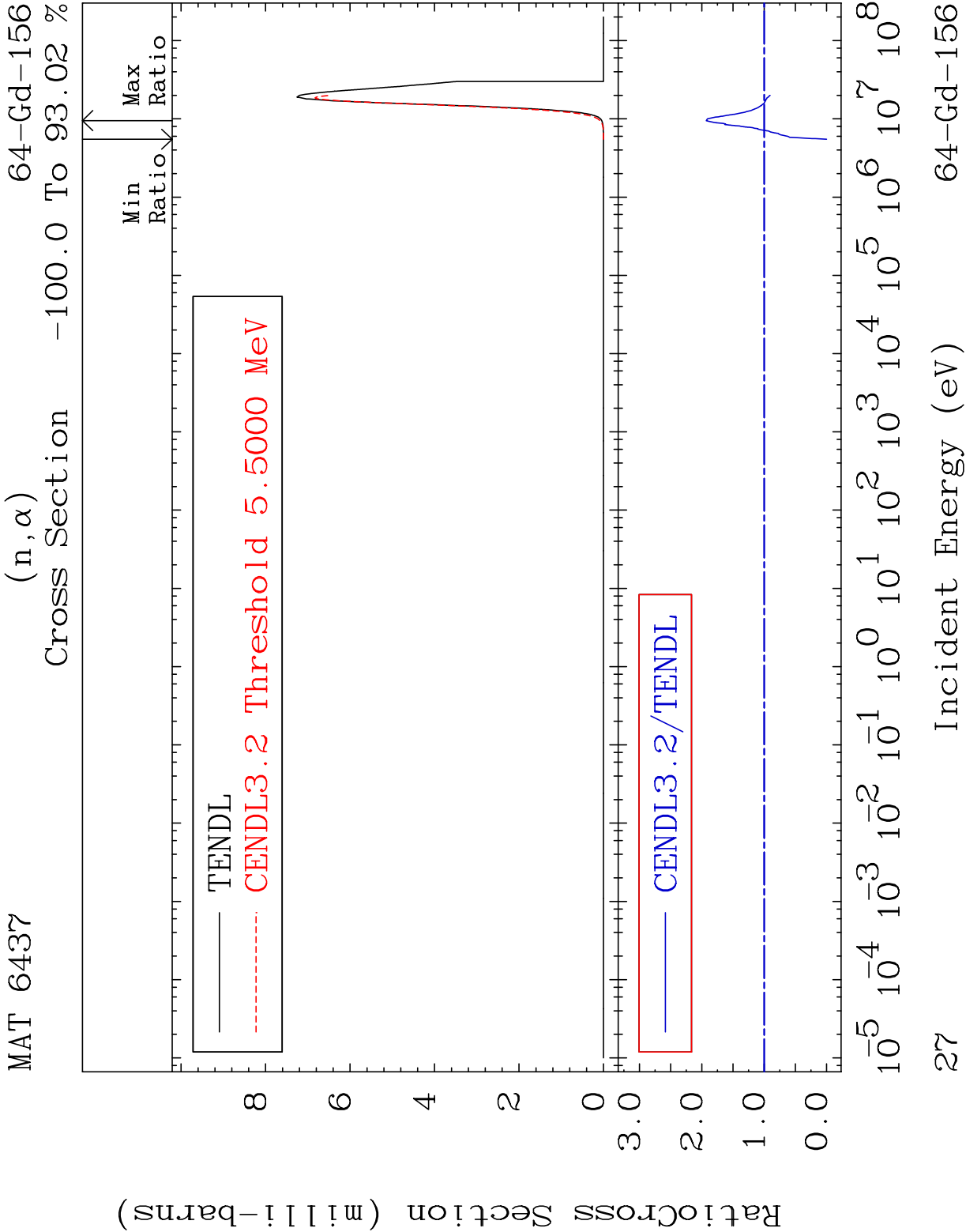


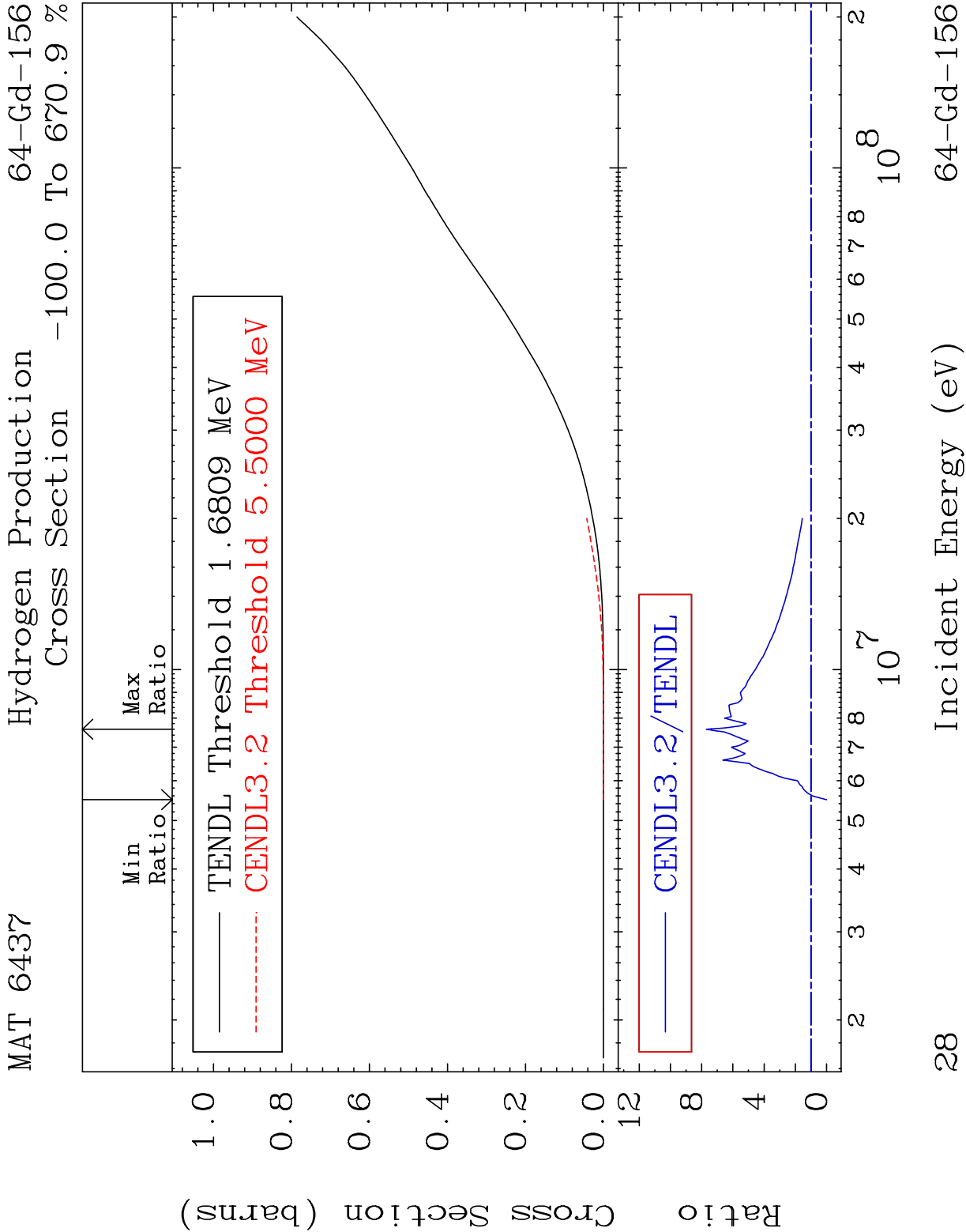




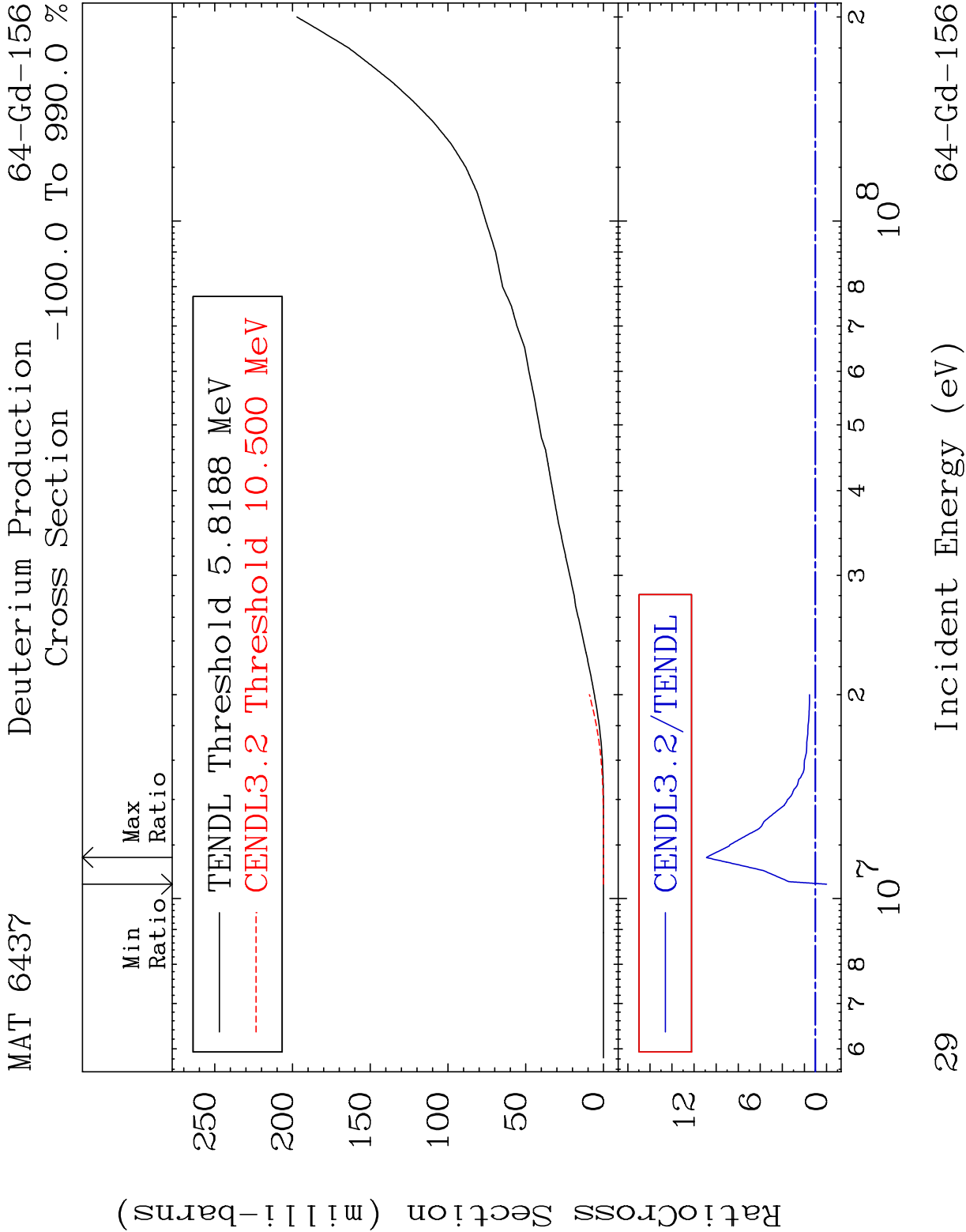




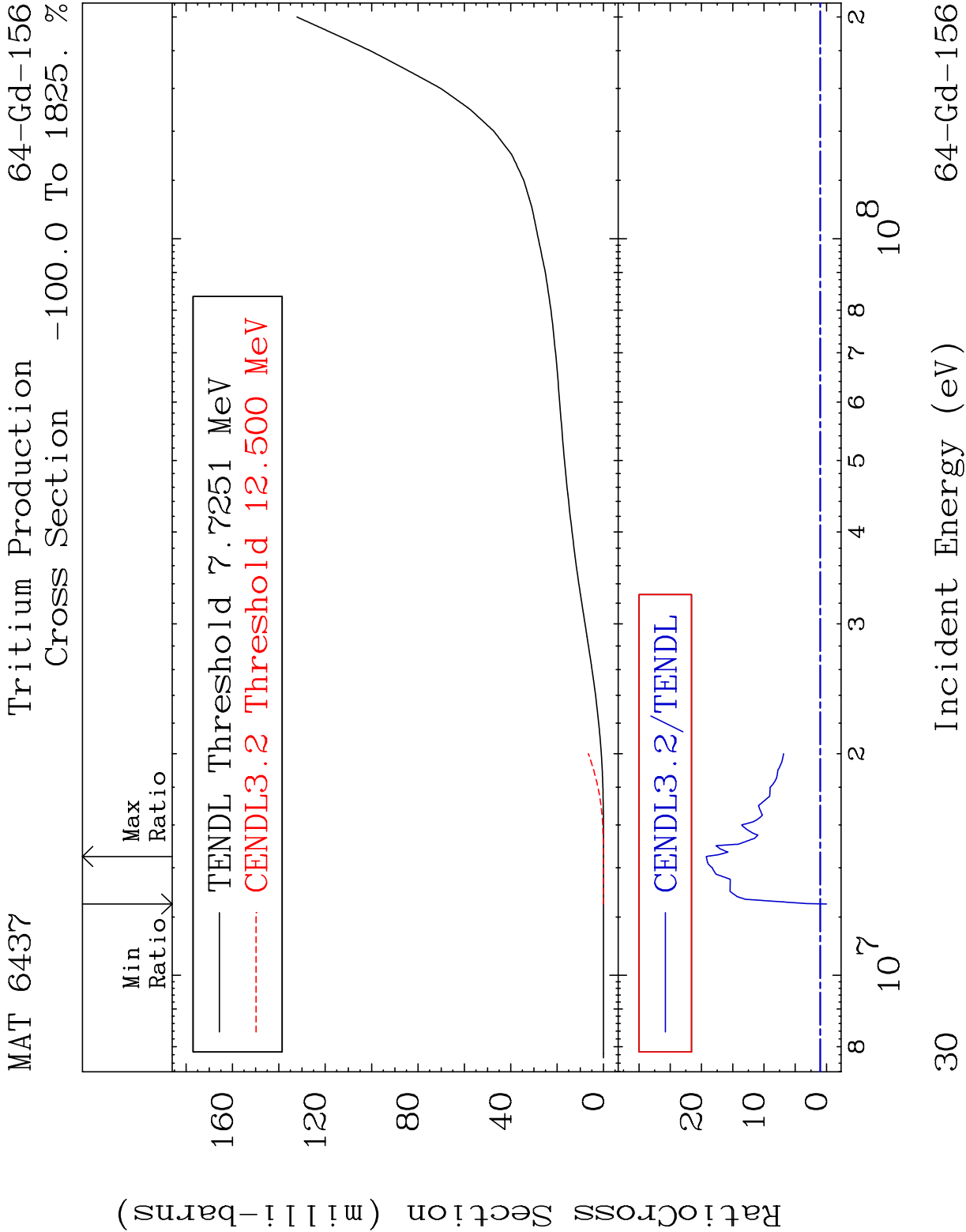


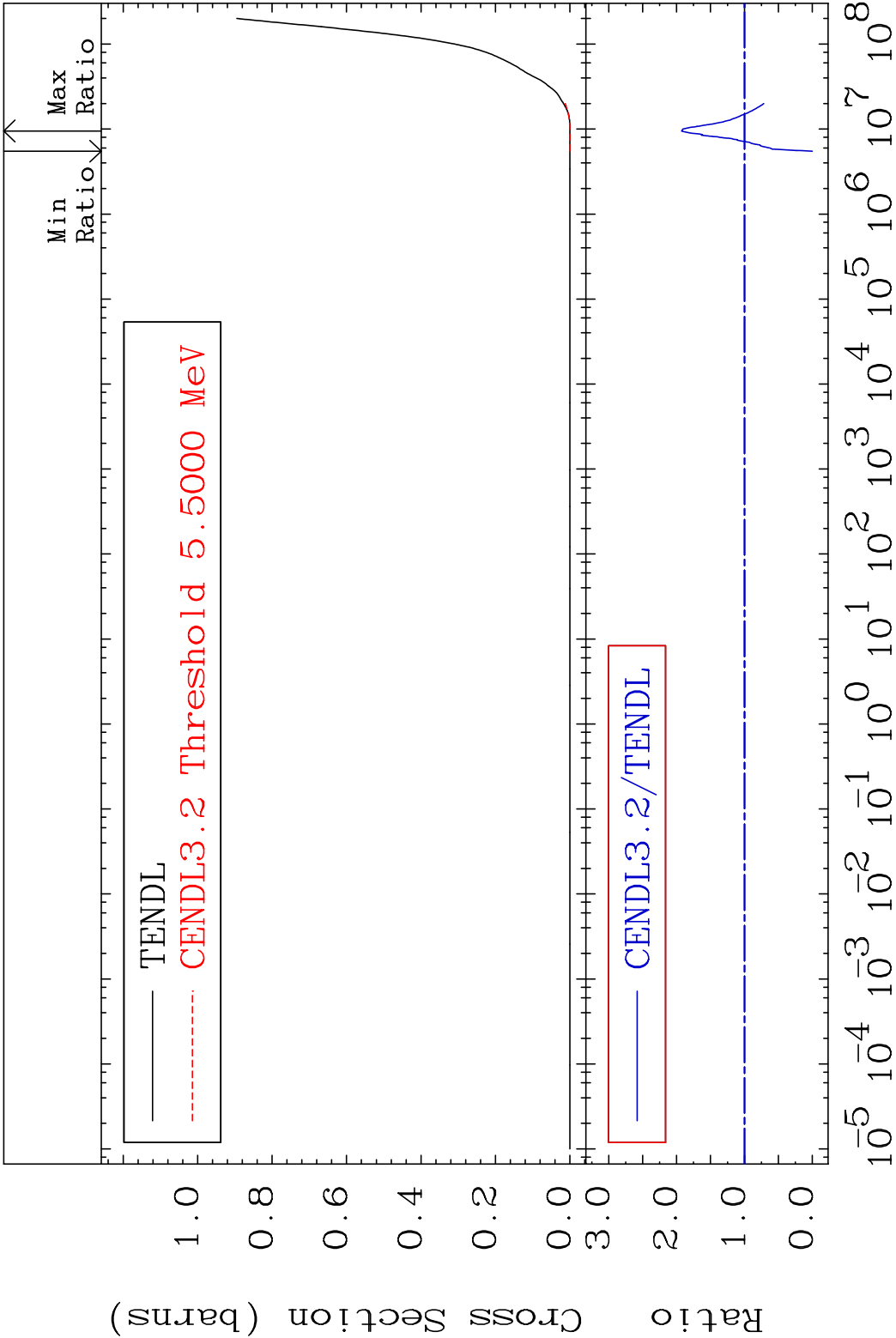


28

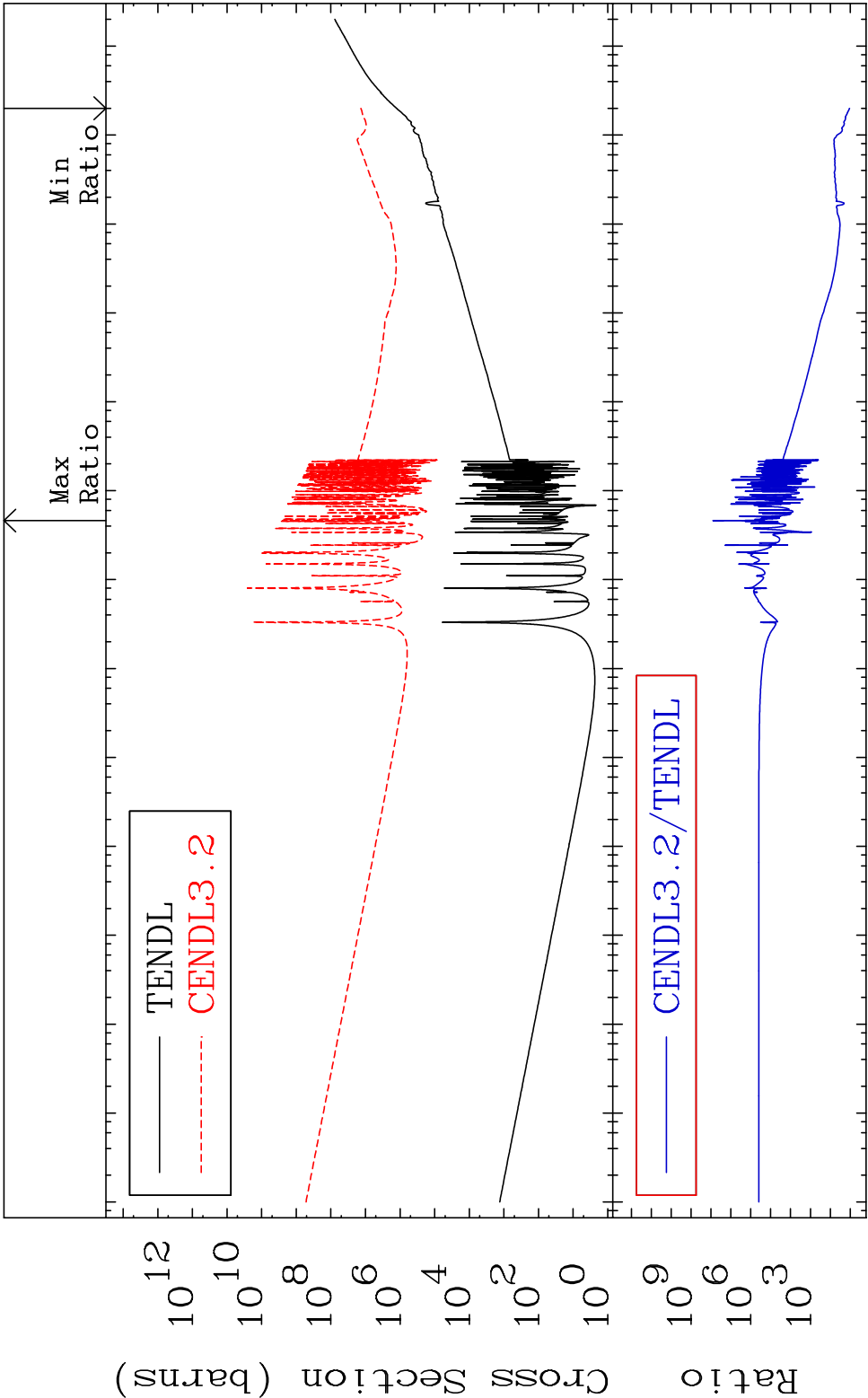


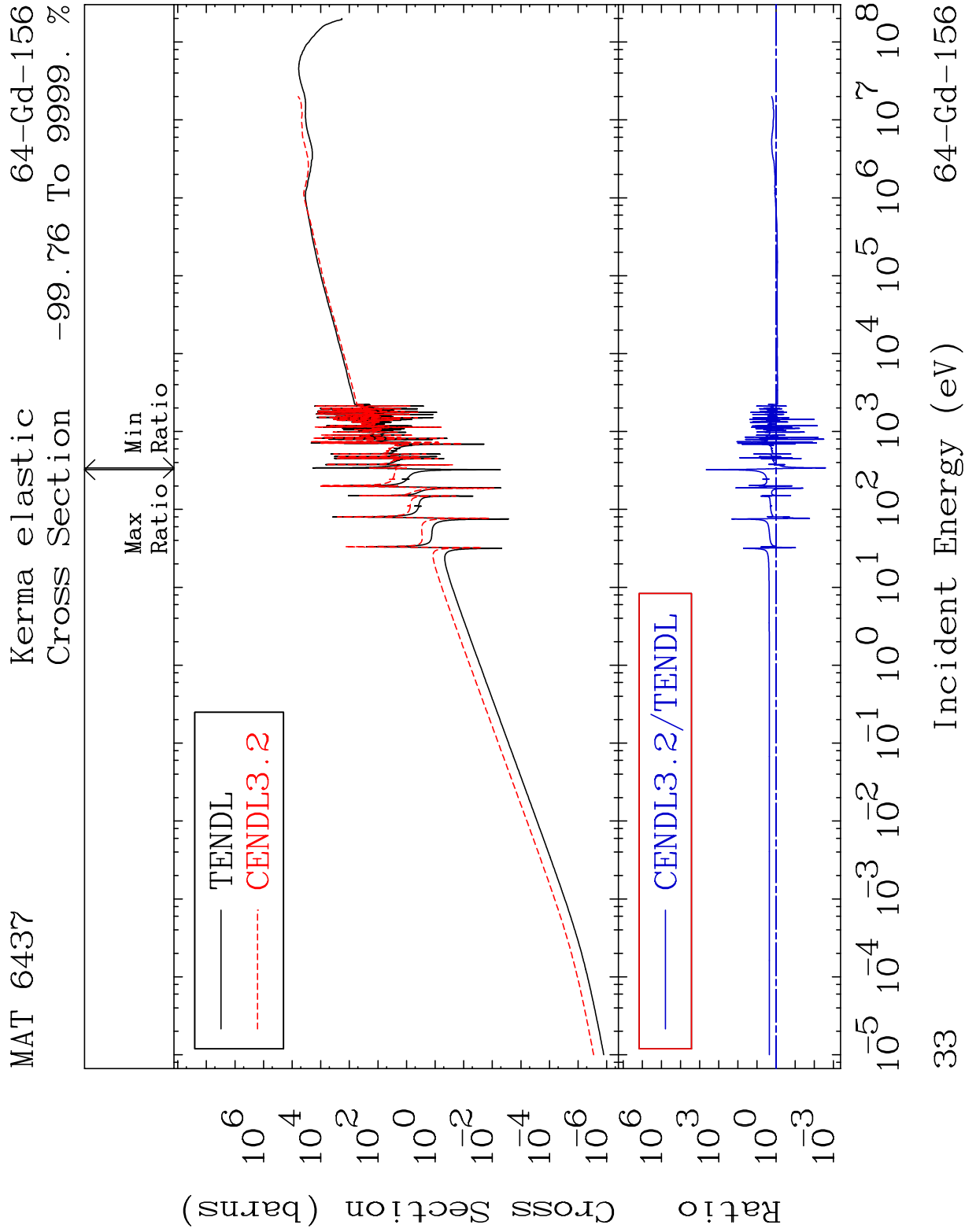
29



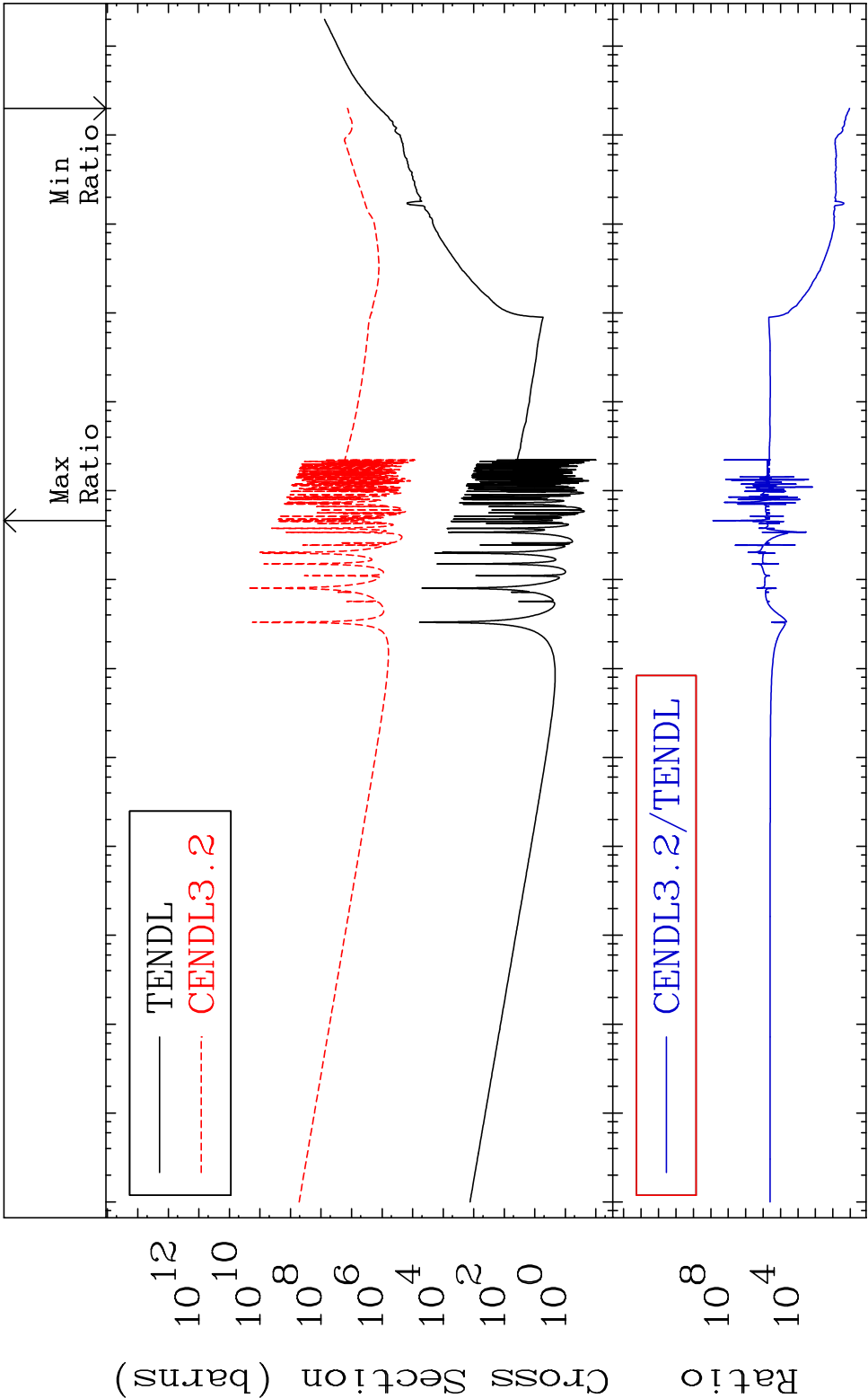


MAT 6437	Kerma total (eV-barns)	64-Gd-156
	Cross Section	983.4 To 9999. %

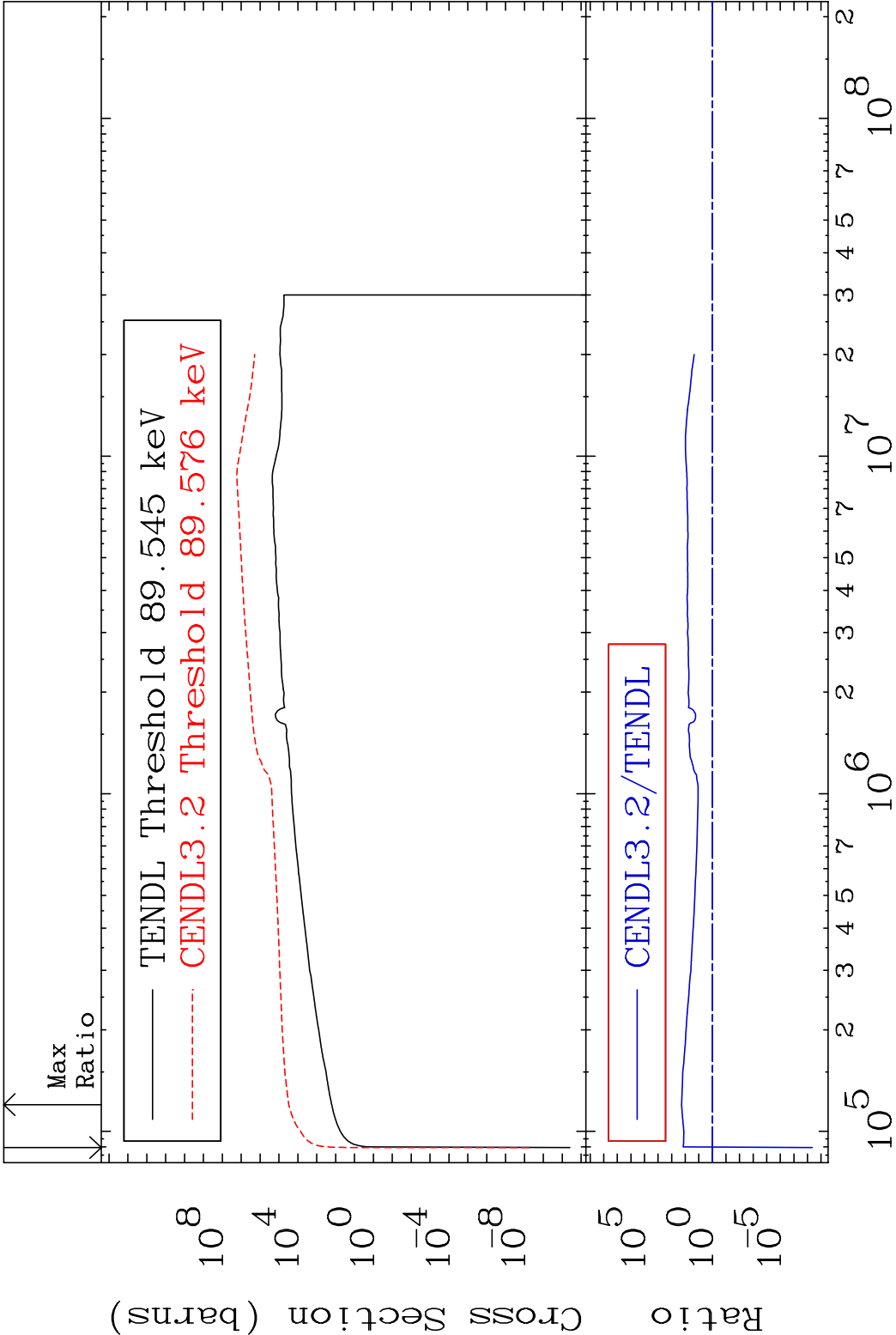




MAT 6437 Kerma non-elastic (all but mt2) 64-Gd-156
 Cross Section 1011. To 9999. %

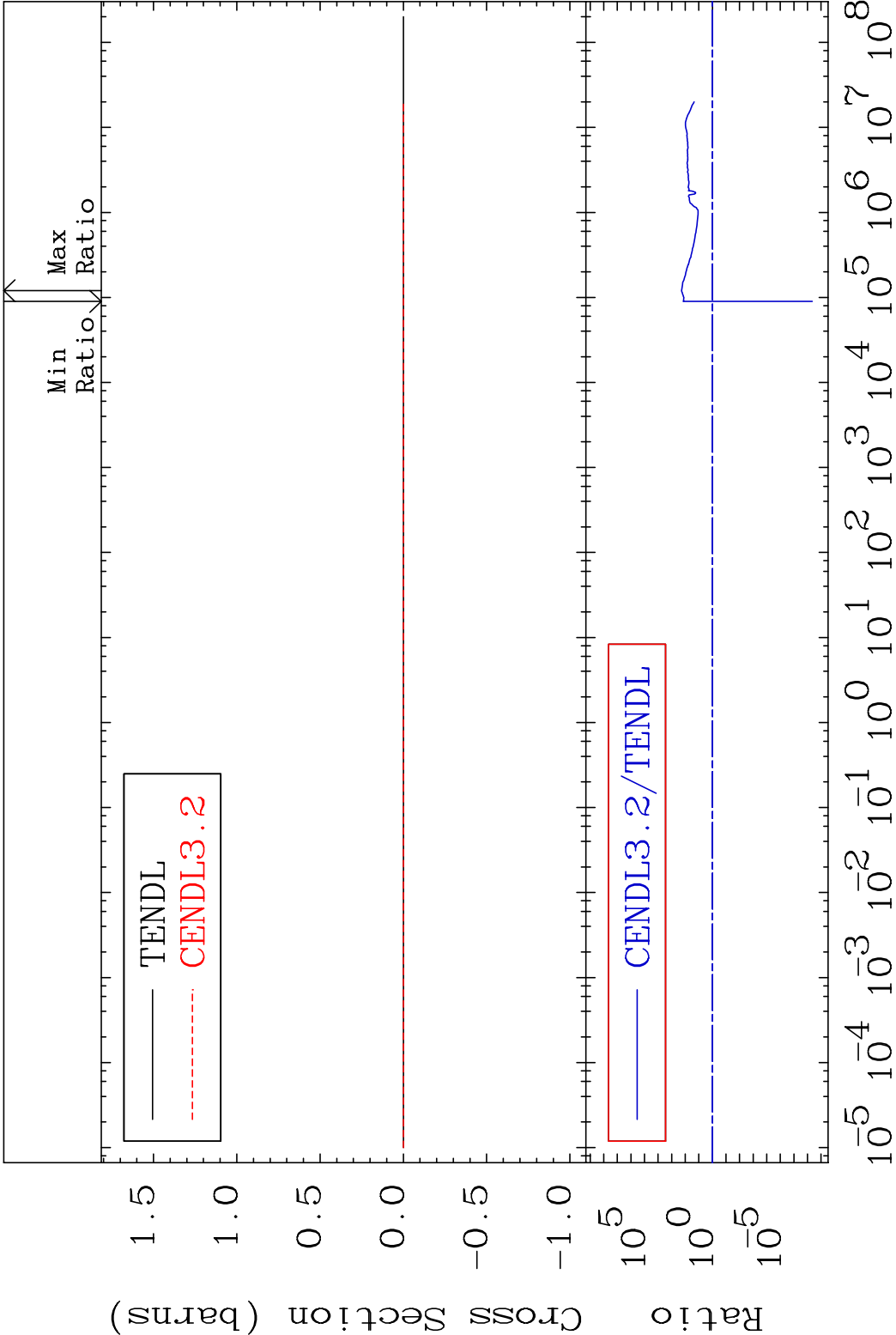


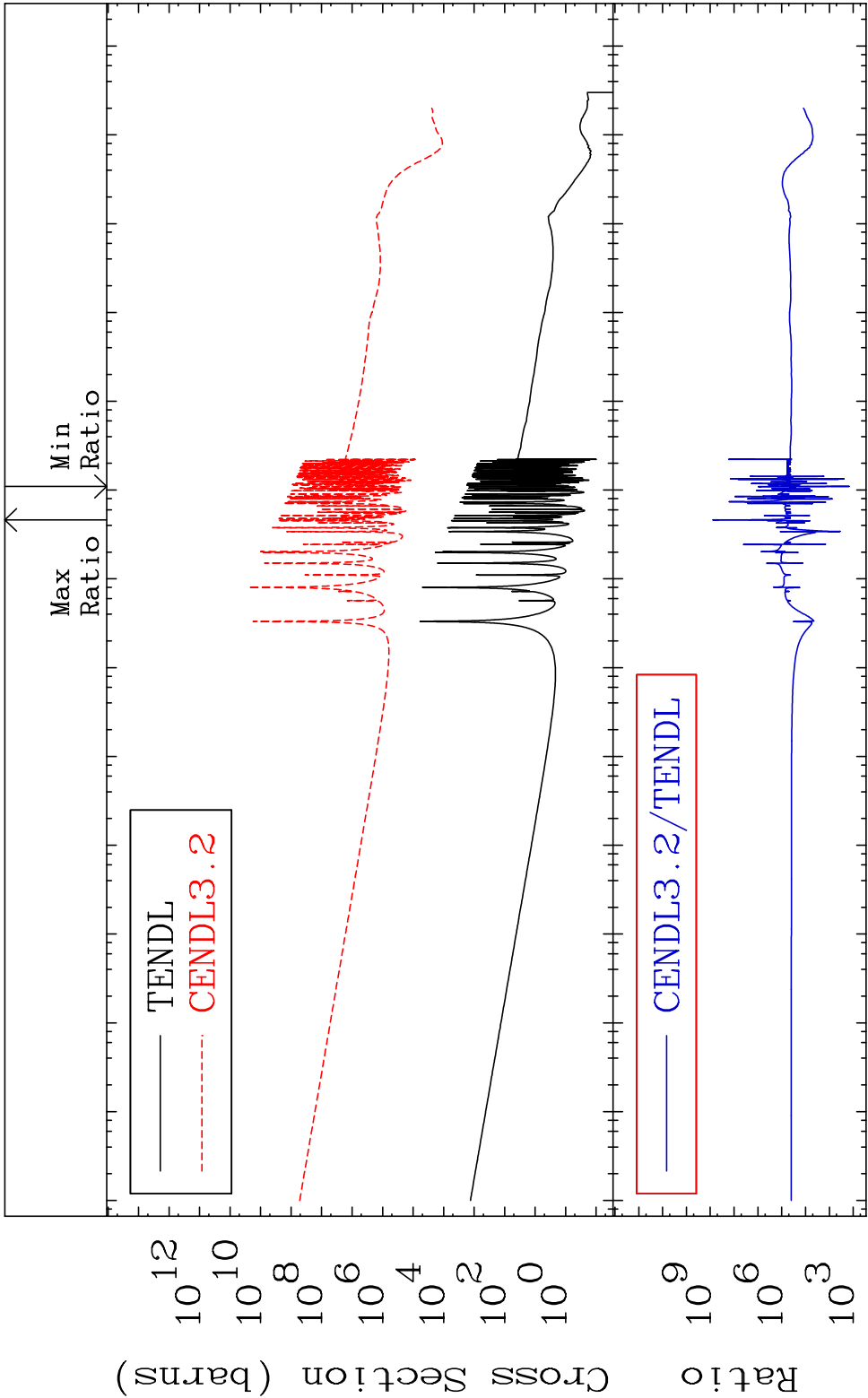
MAT 6437 Kerma inelastic (mt51-91) 64-Gd-156
Cross Section -100.0 To 9999. %

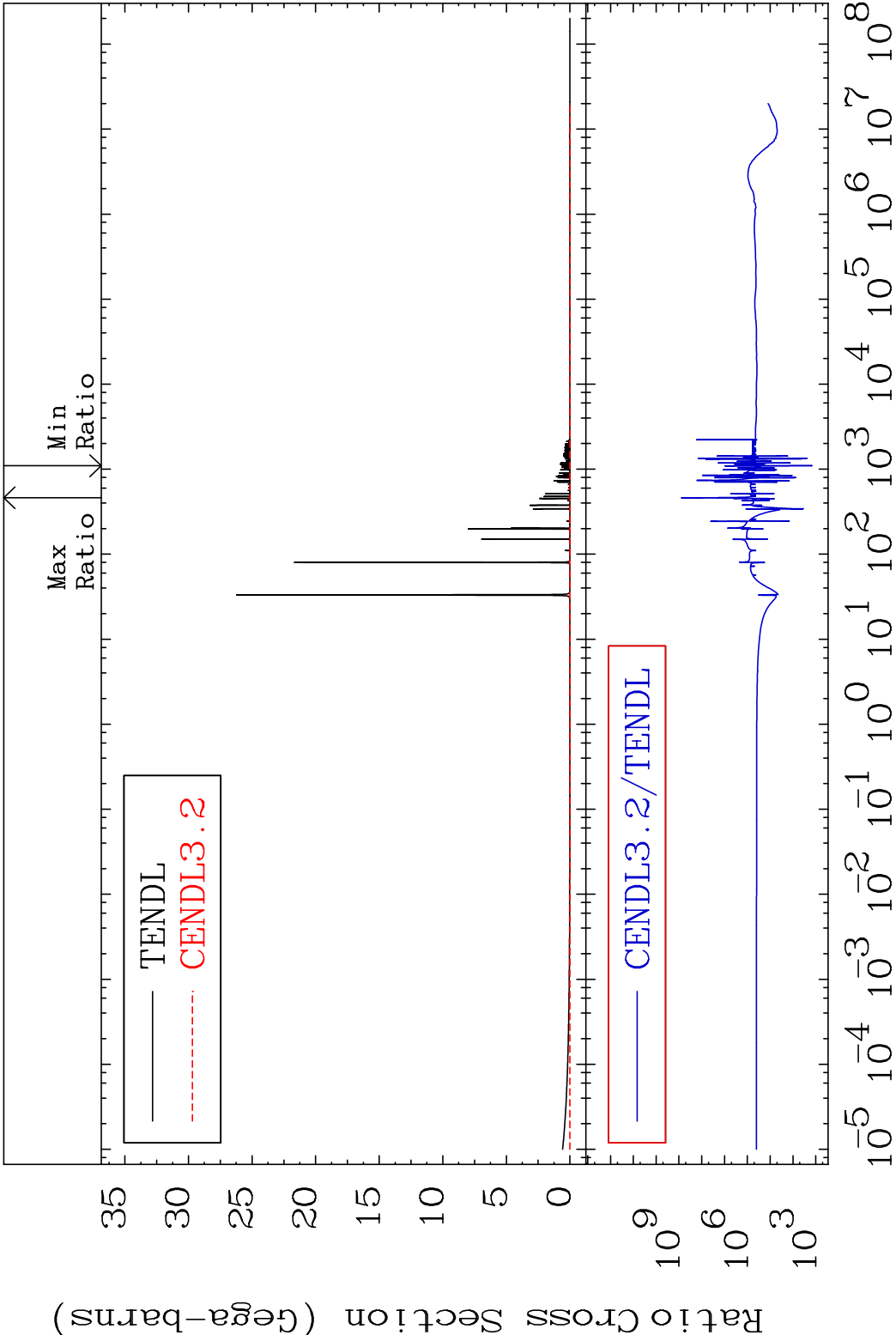


35 Incident Energy (eV) 64-Gd-156

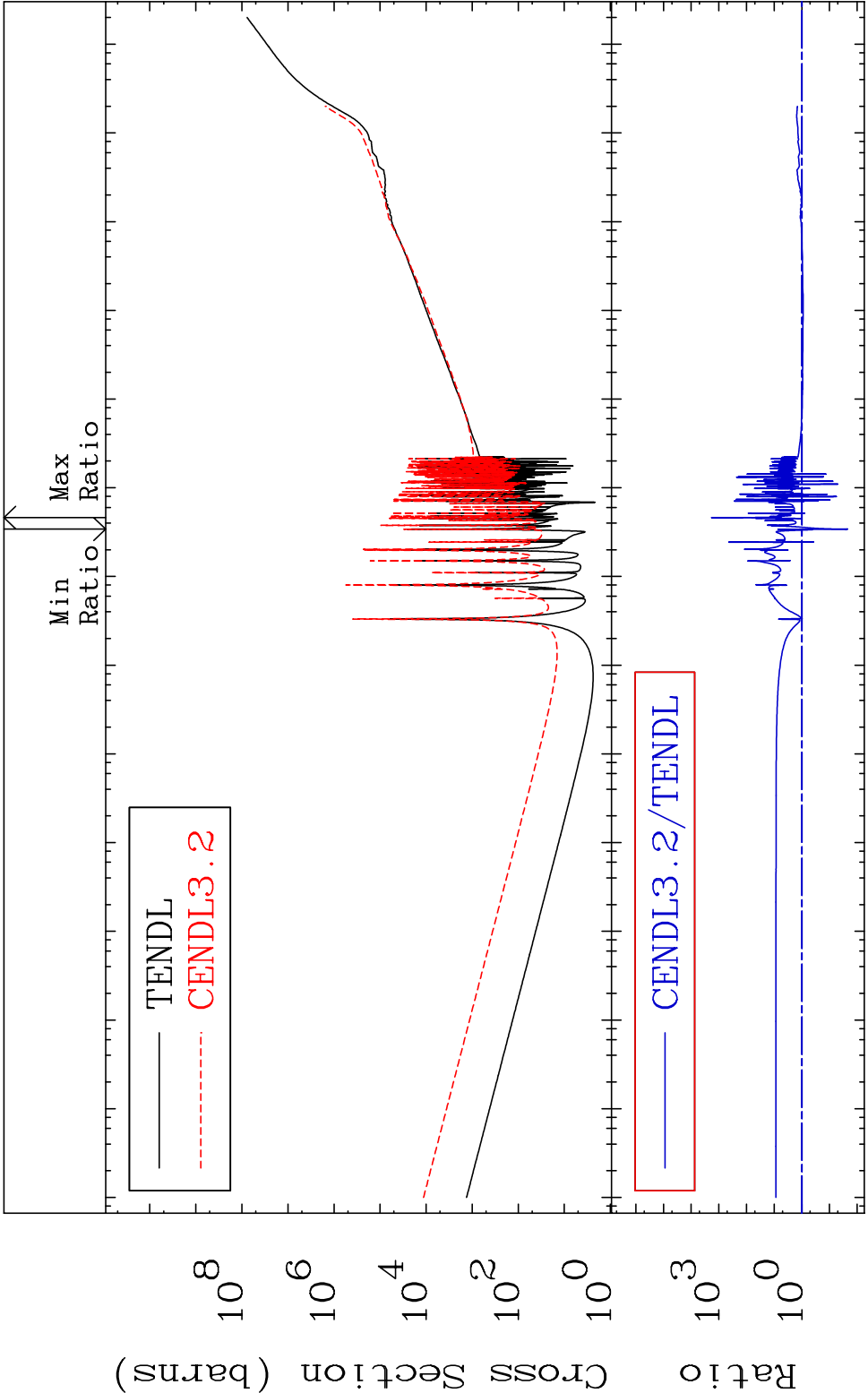
MAT 6437 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-156
Cross Section -100.0 To 9999. %

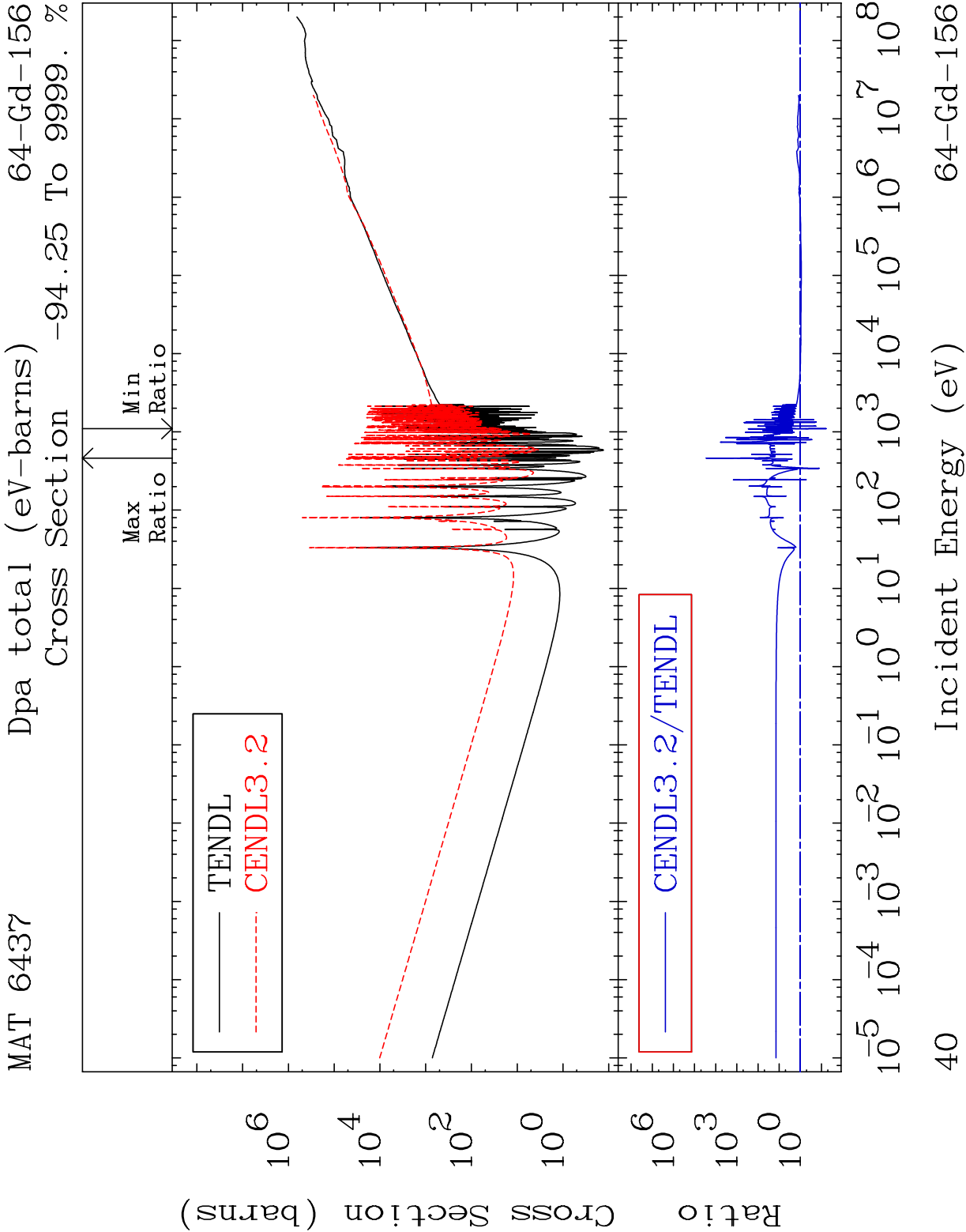




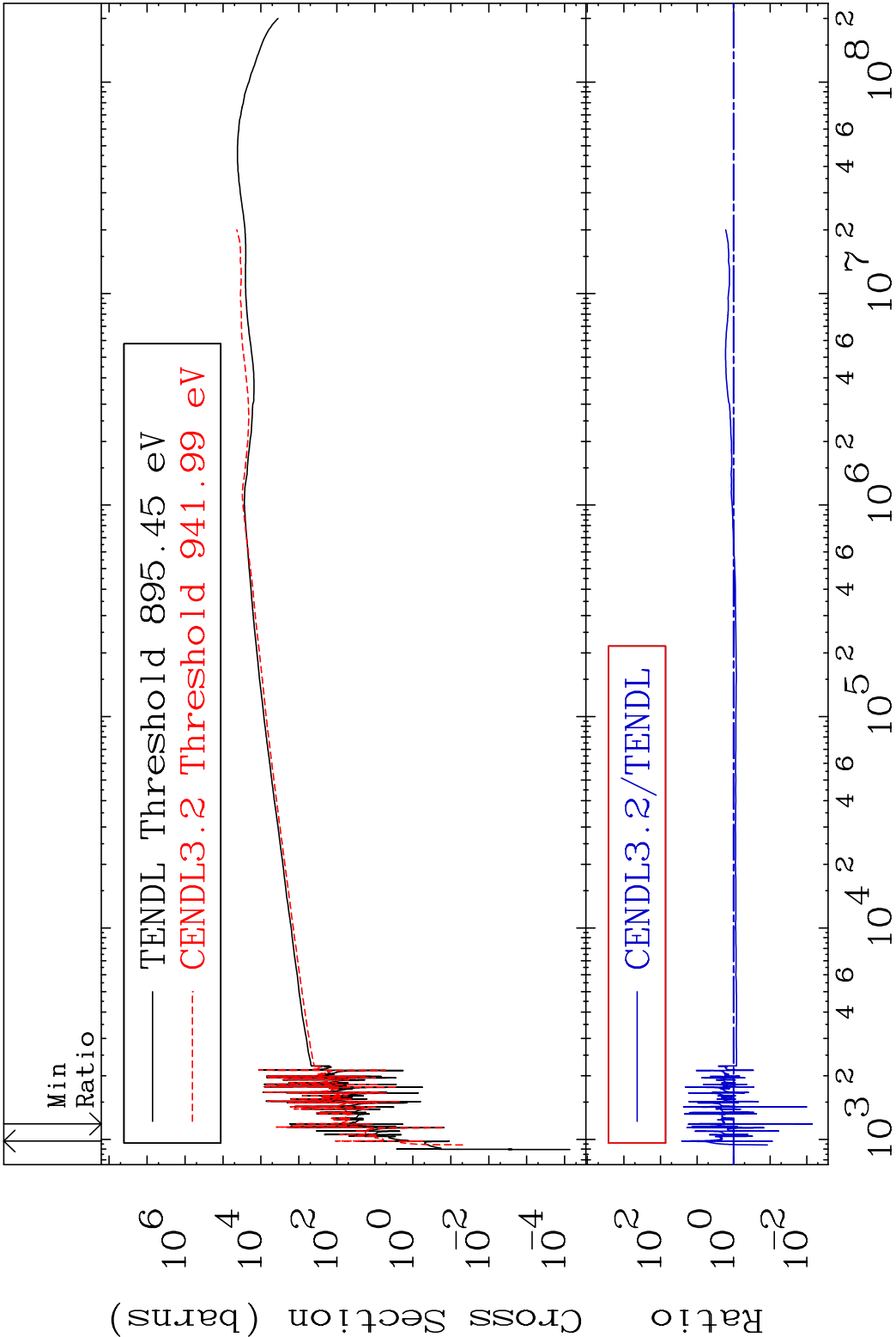


MAT 6437 Total kinematic kerma (high limit) 64-Gd-156
Cross Section -97.81 To 9999. %



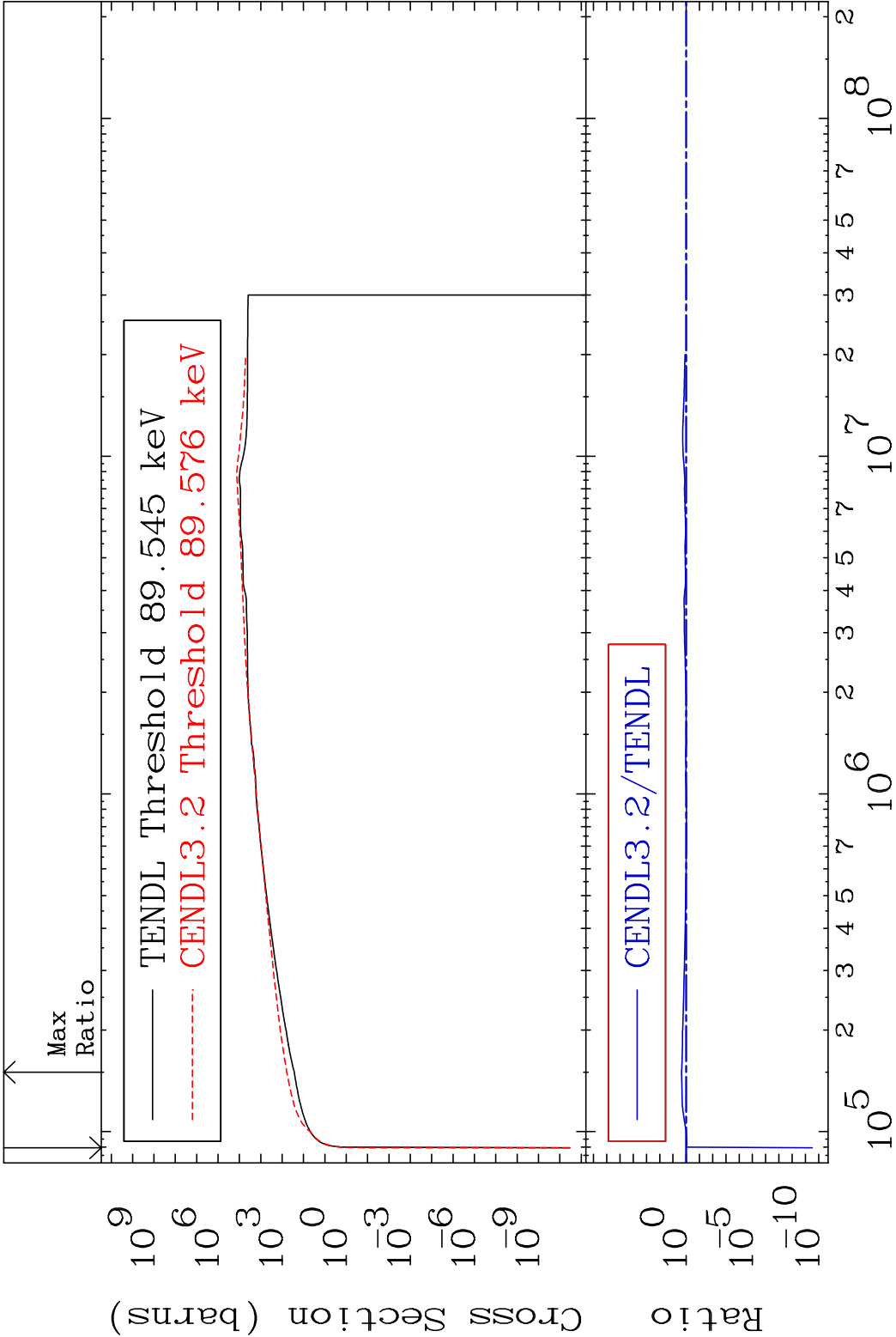


MAT 6437	Dpa elastic (mt2)	64-Gd-156
	Cross Section	-99.29 To 2555. %

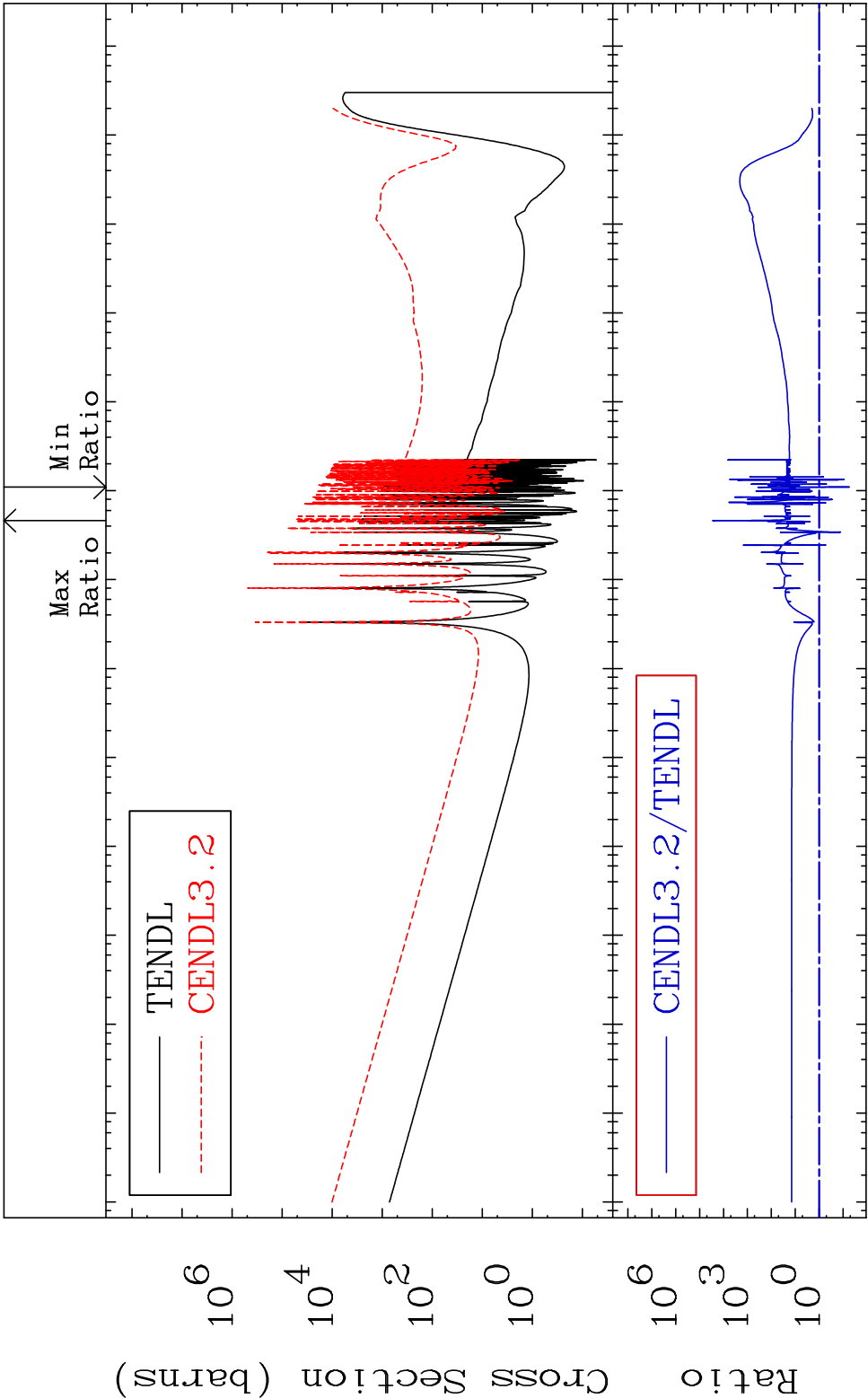


41	Incident Energy (eV)	64-Gd-156
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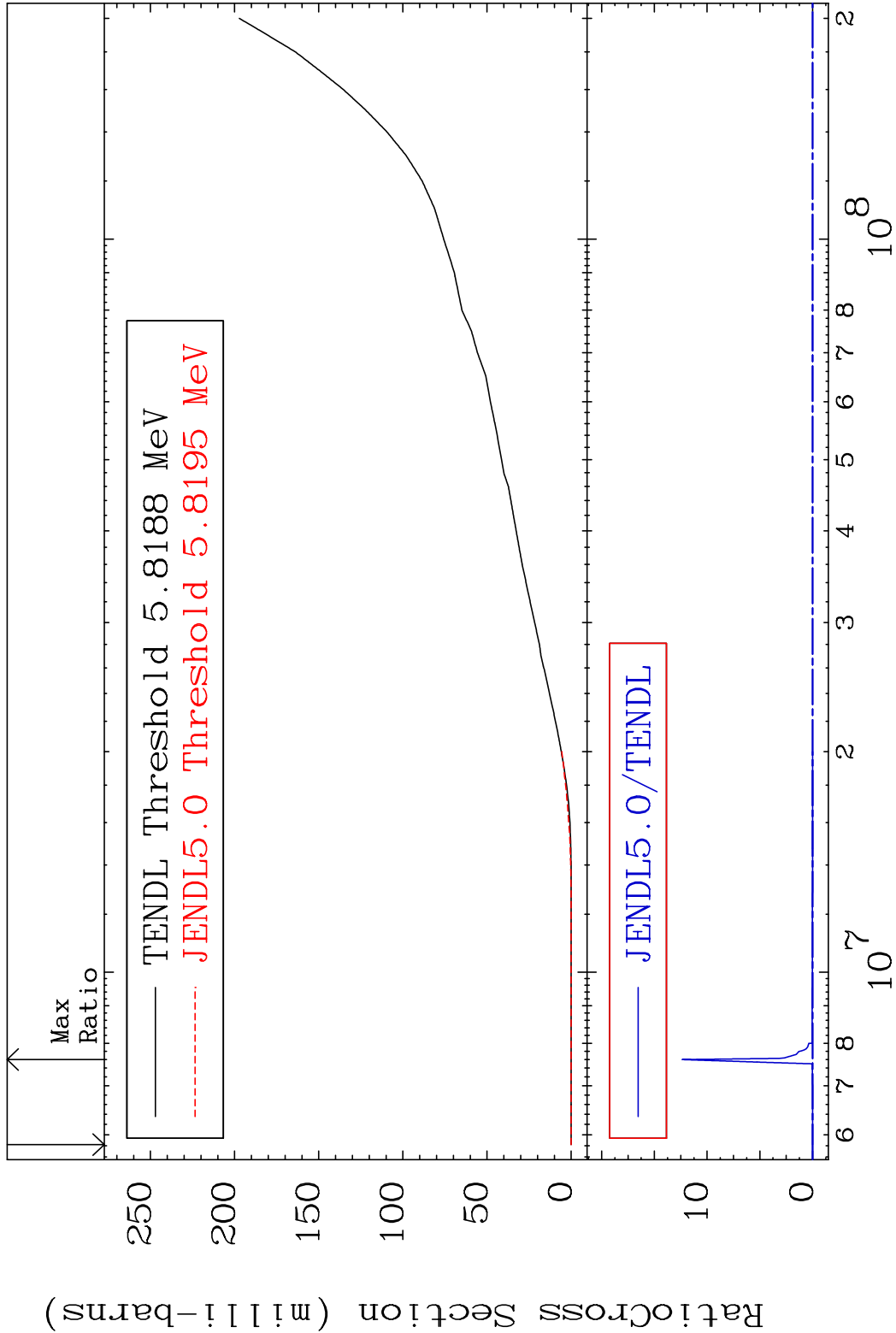
MAT 6437 Dpa inelastic (mt51-91) 64-Gd-156
Cross Section -100.0 To 125.1 %



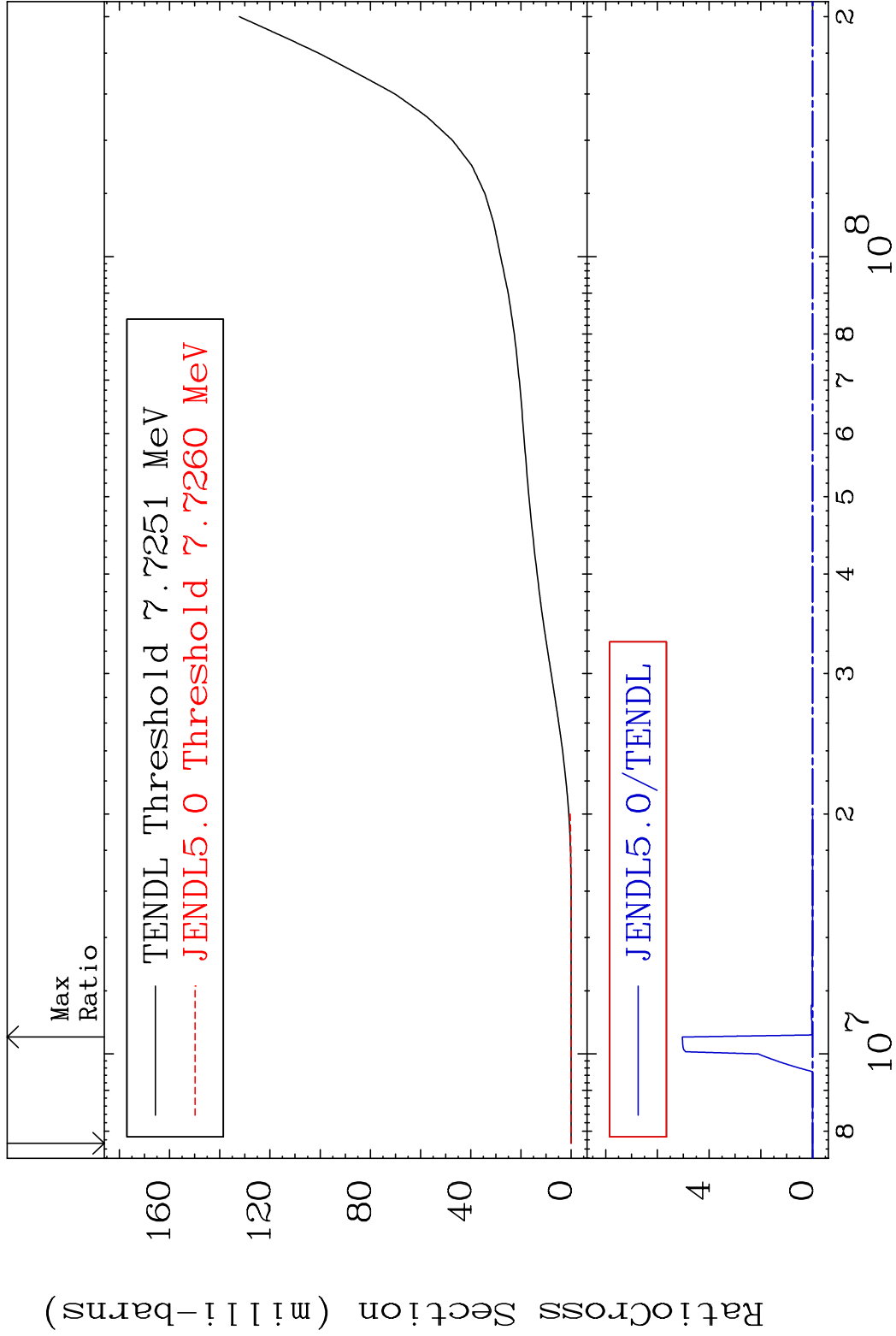
MAT 6437 Dpa disappearance (mt102 -120) 64-Gd-156
 Cross Section -94.66 To 9999. %



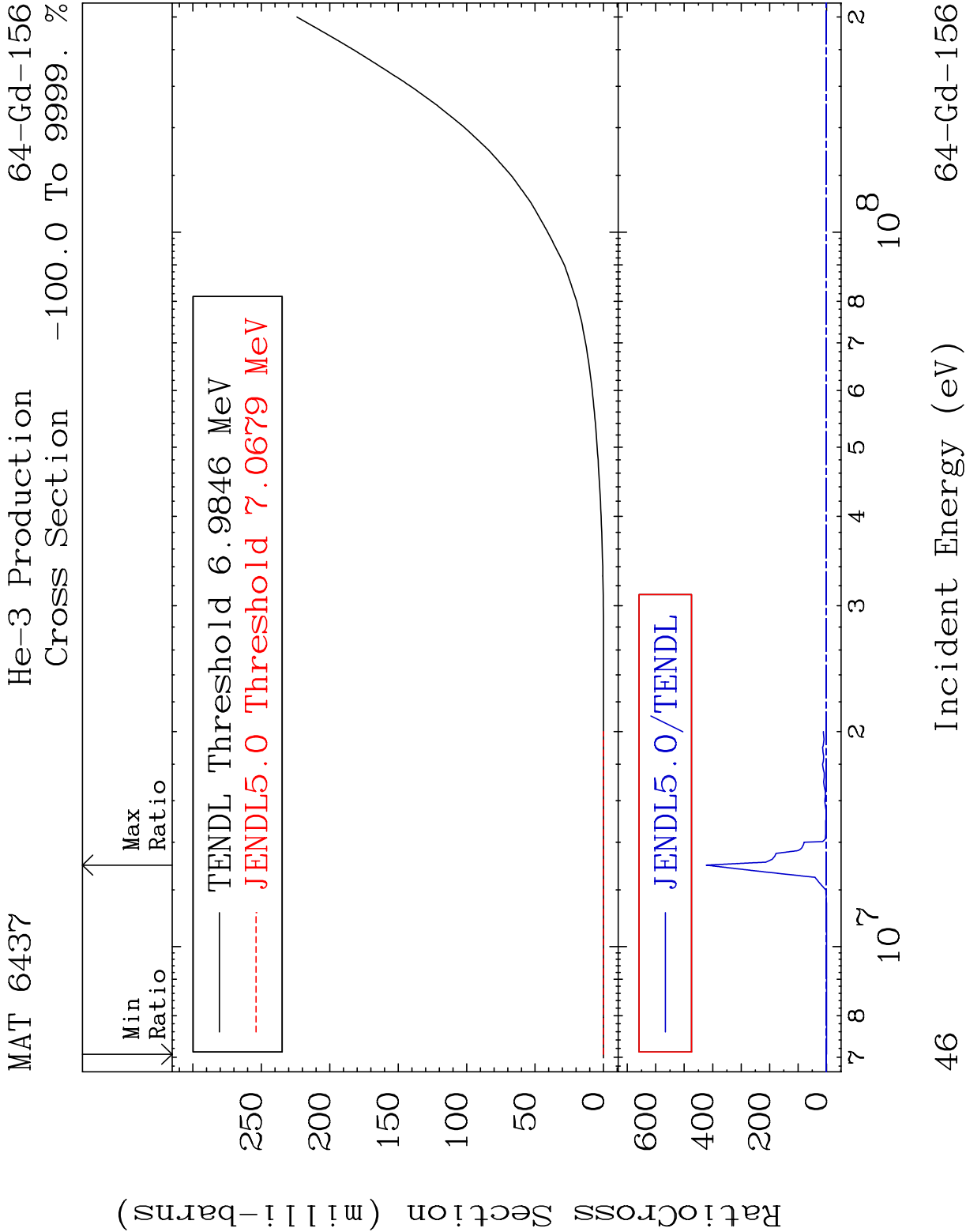
43 Incident Energy (eV) 64-Gd-156

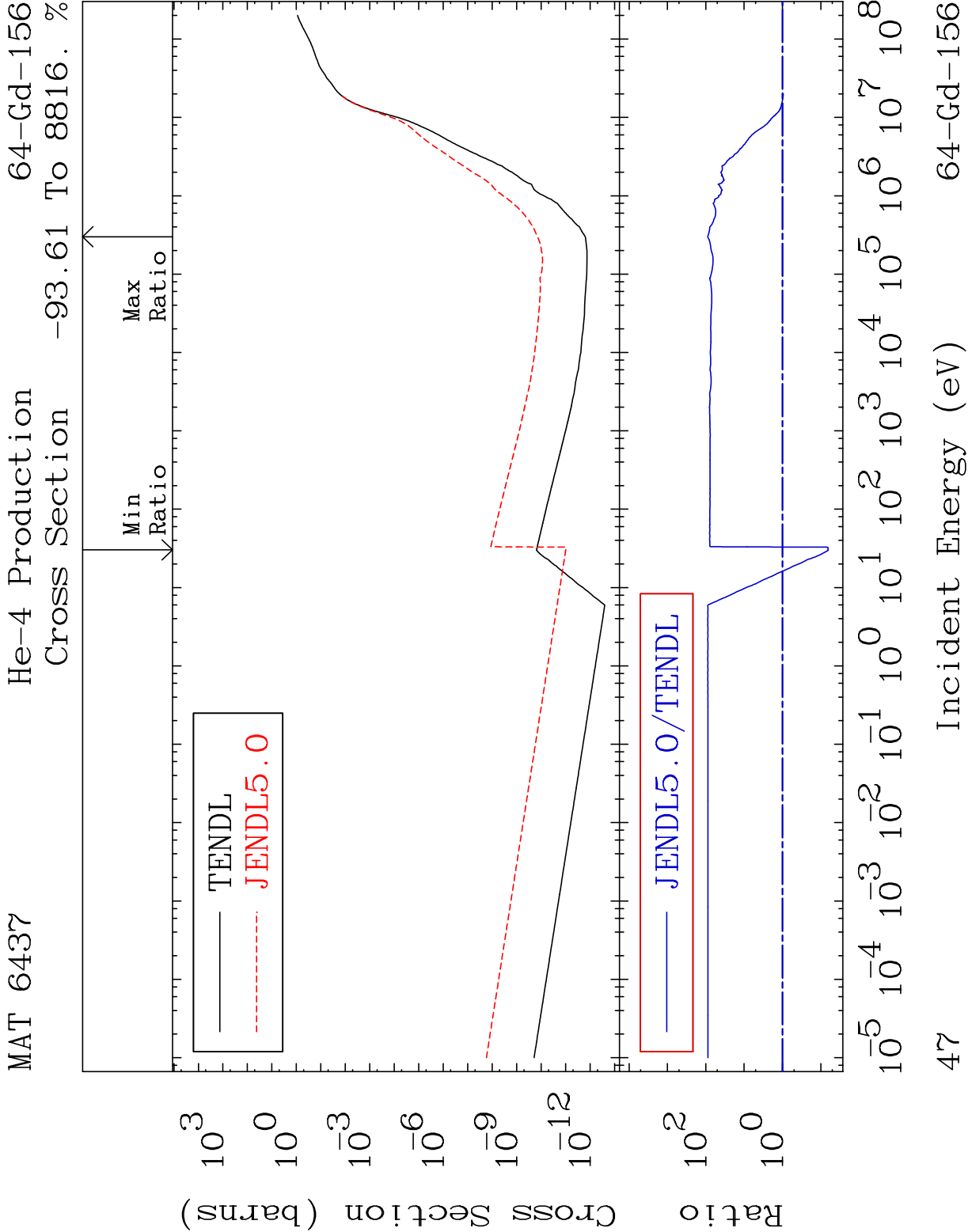


MAT 6437 Tritium Production 64-Gd-156
Cross Section -100.0 To 9999. %

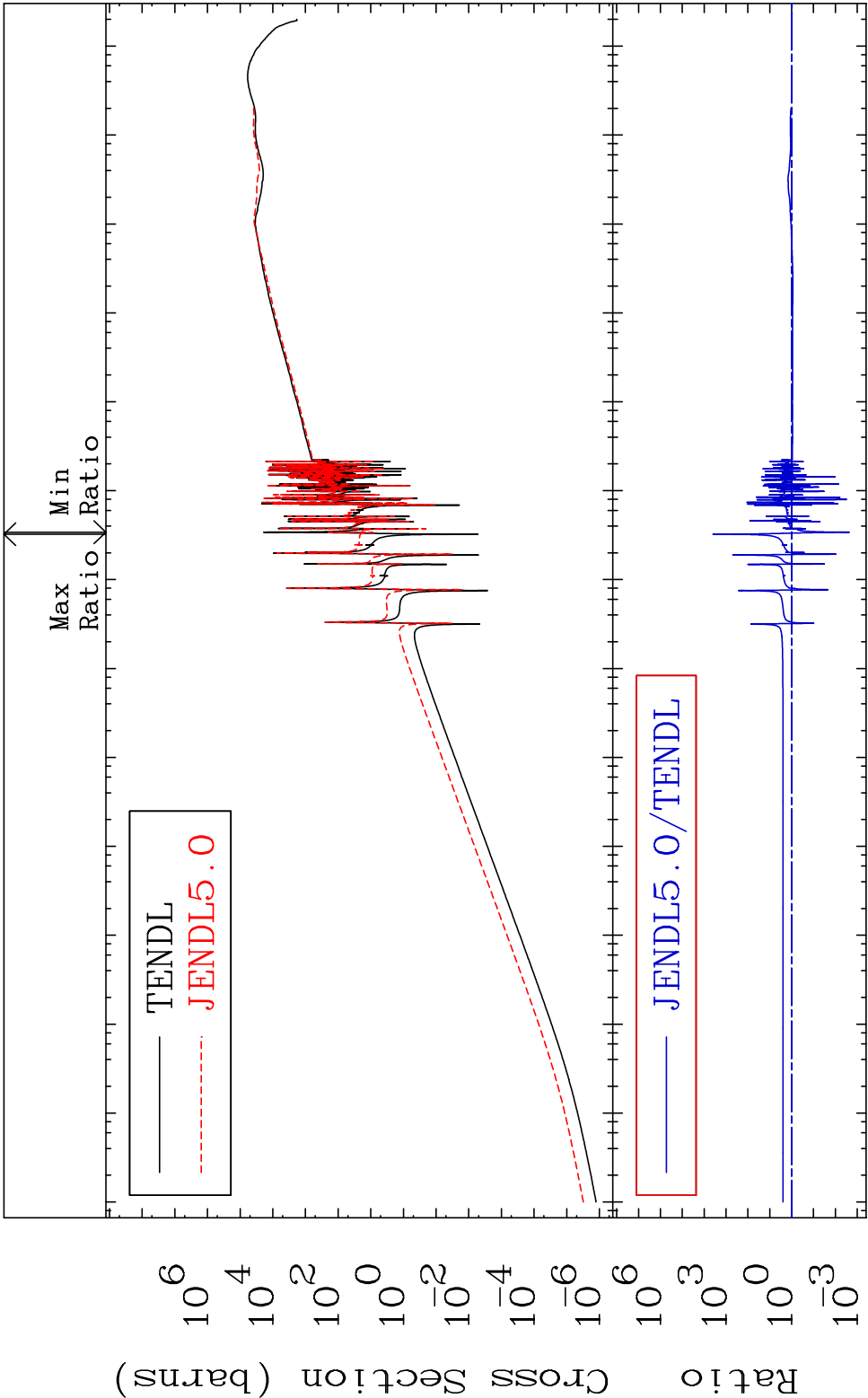


45 Incident Energy (eV) 64-Gd-156

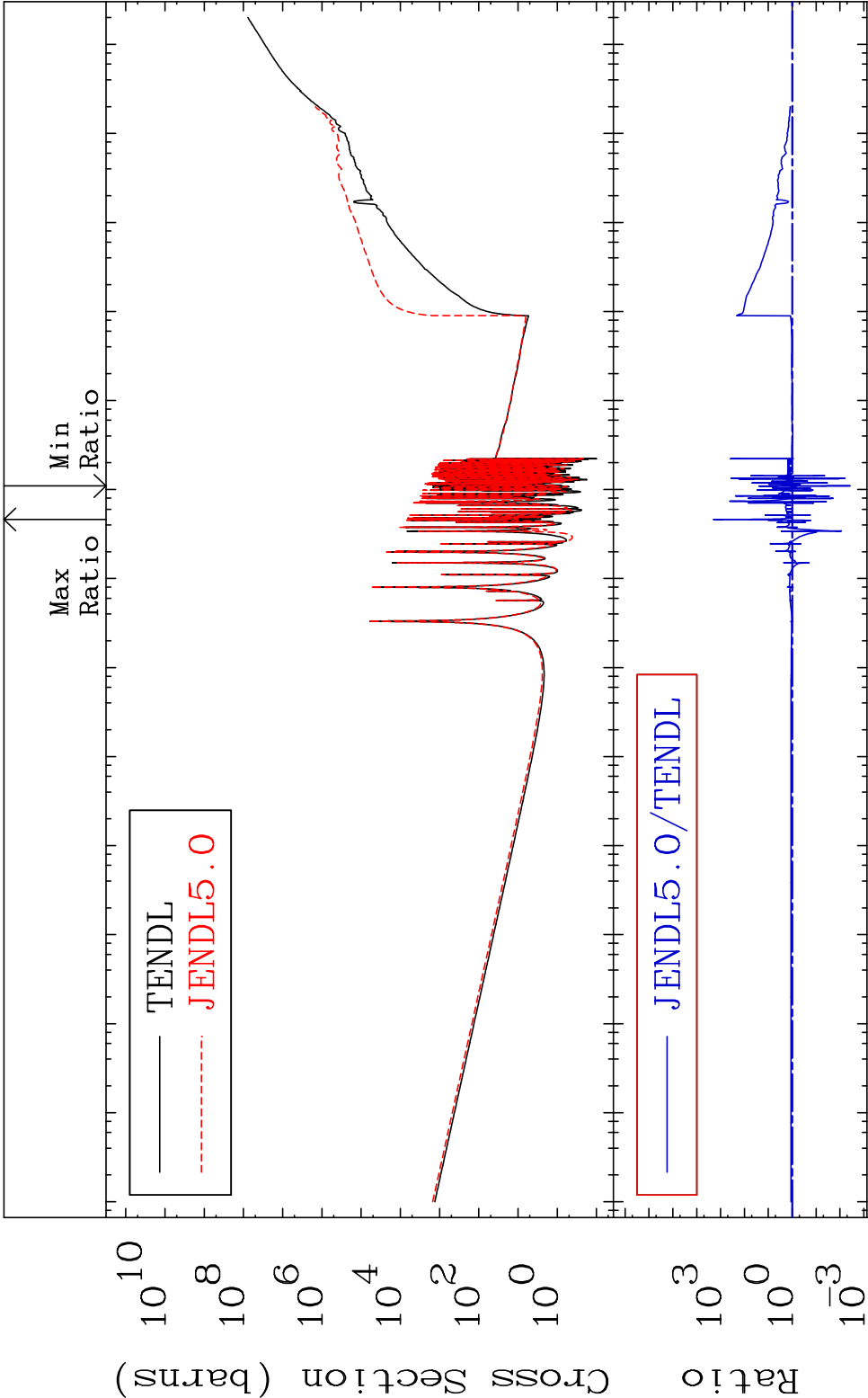




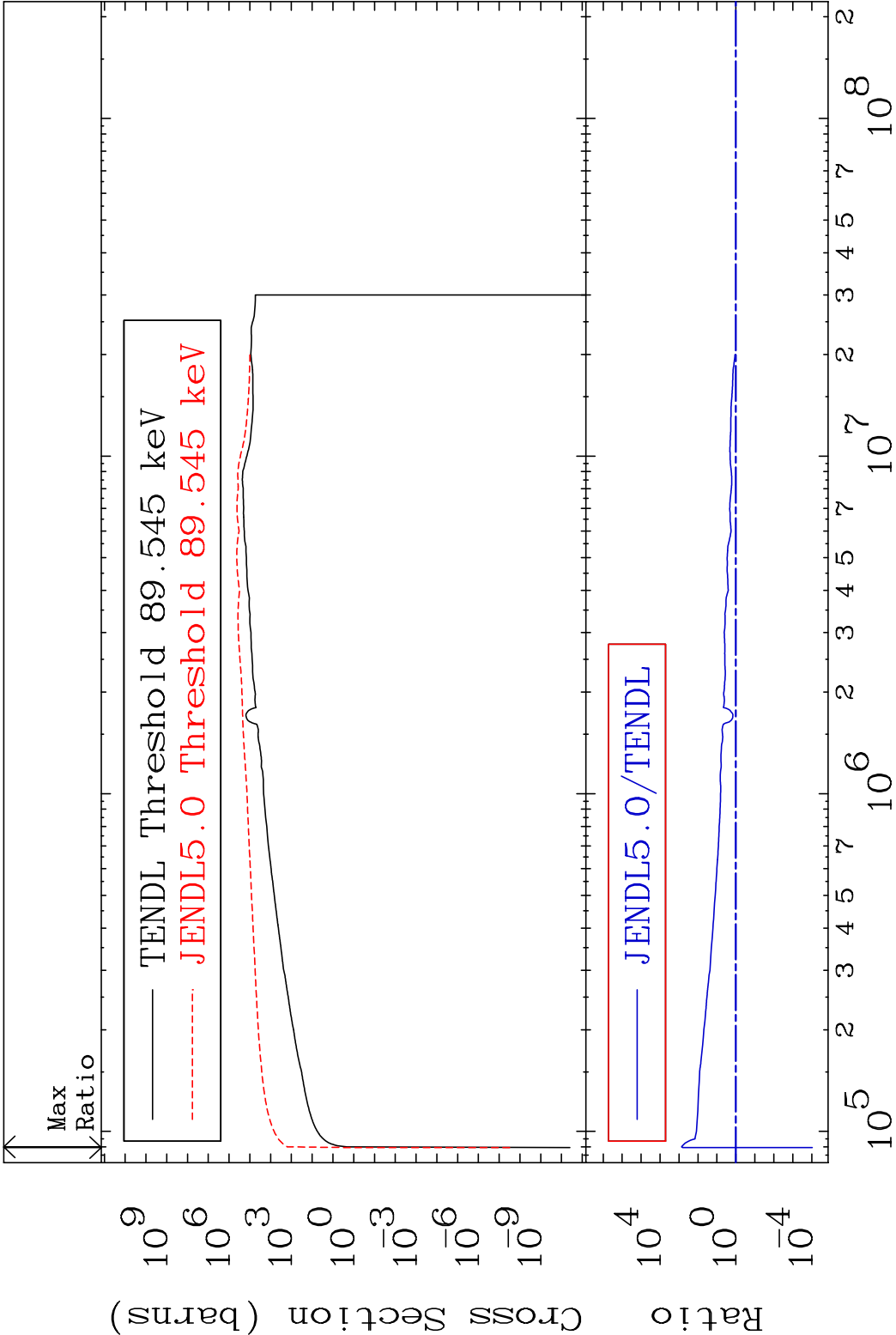
MAT 6437	Kerma elastic	64-Gd-156
	Cross Section	-99.78 To 9999. %



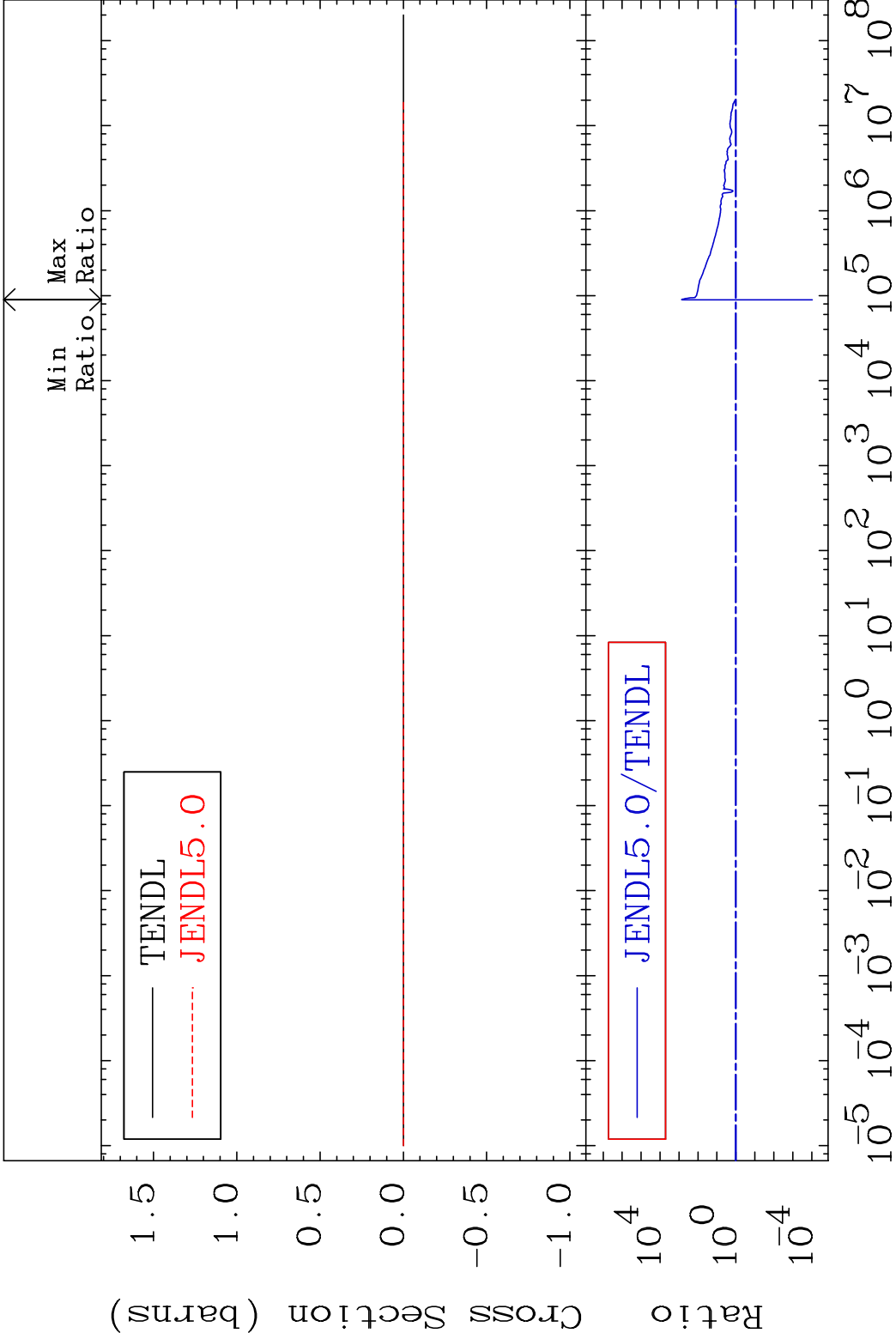
MAT 6437 Kerma non-elastic (all but mt2) 64-Gd-156
Cross Section -99.63 To 9999. %



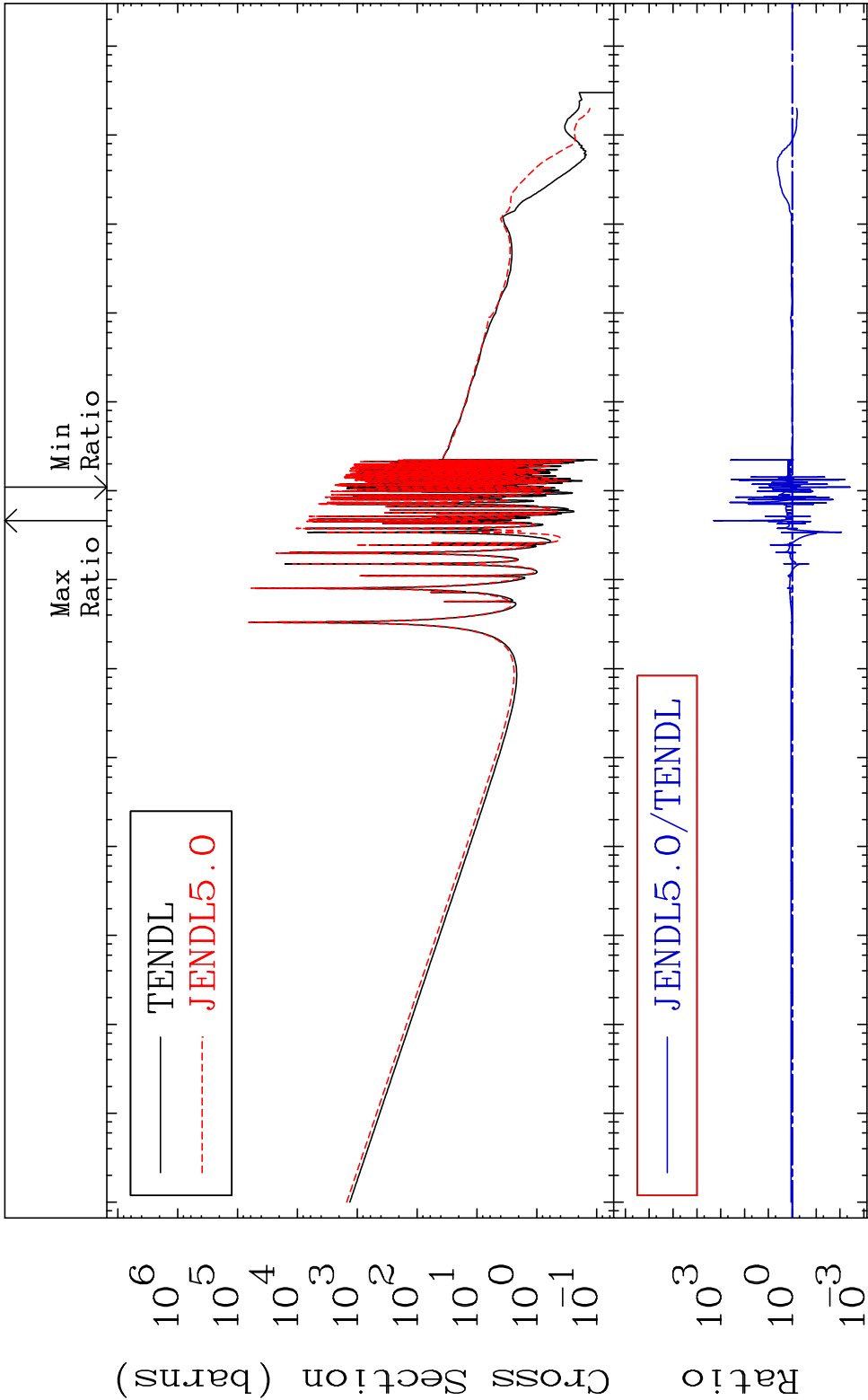
50 Incident Energy (eV) 64-Gd-156



MAT 6437 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-156
Cross Section -99.99 To 9999. %



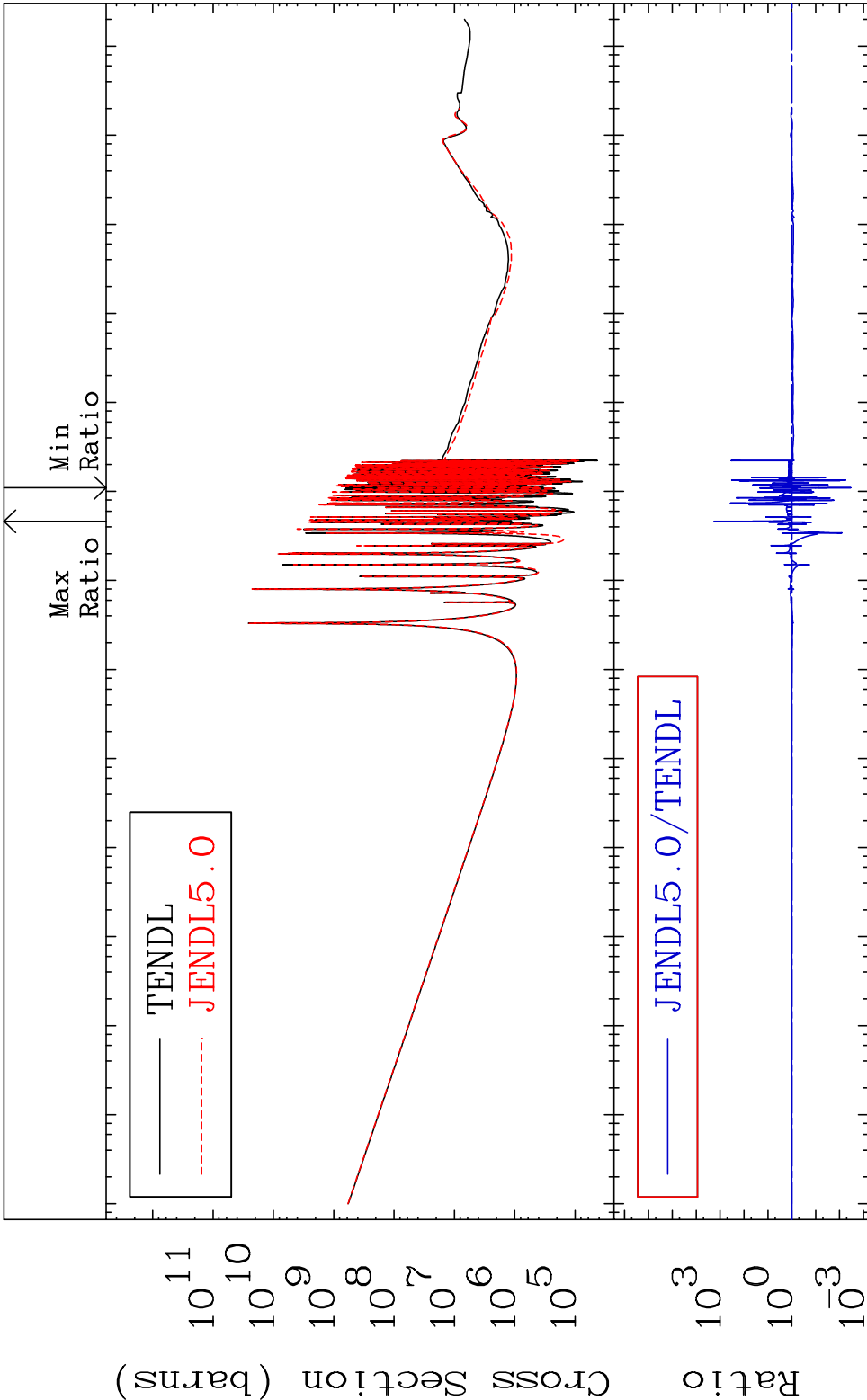
MAT 6437 Kerma capture (mt102) 64-Gd-156
Cross Section -99.64 To 9999. %



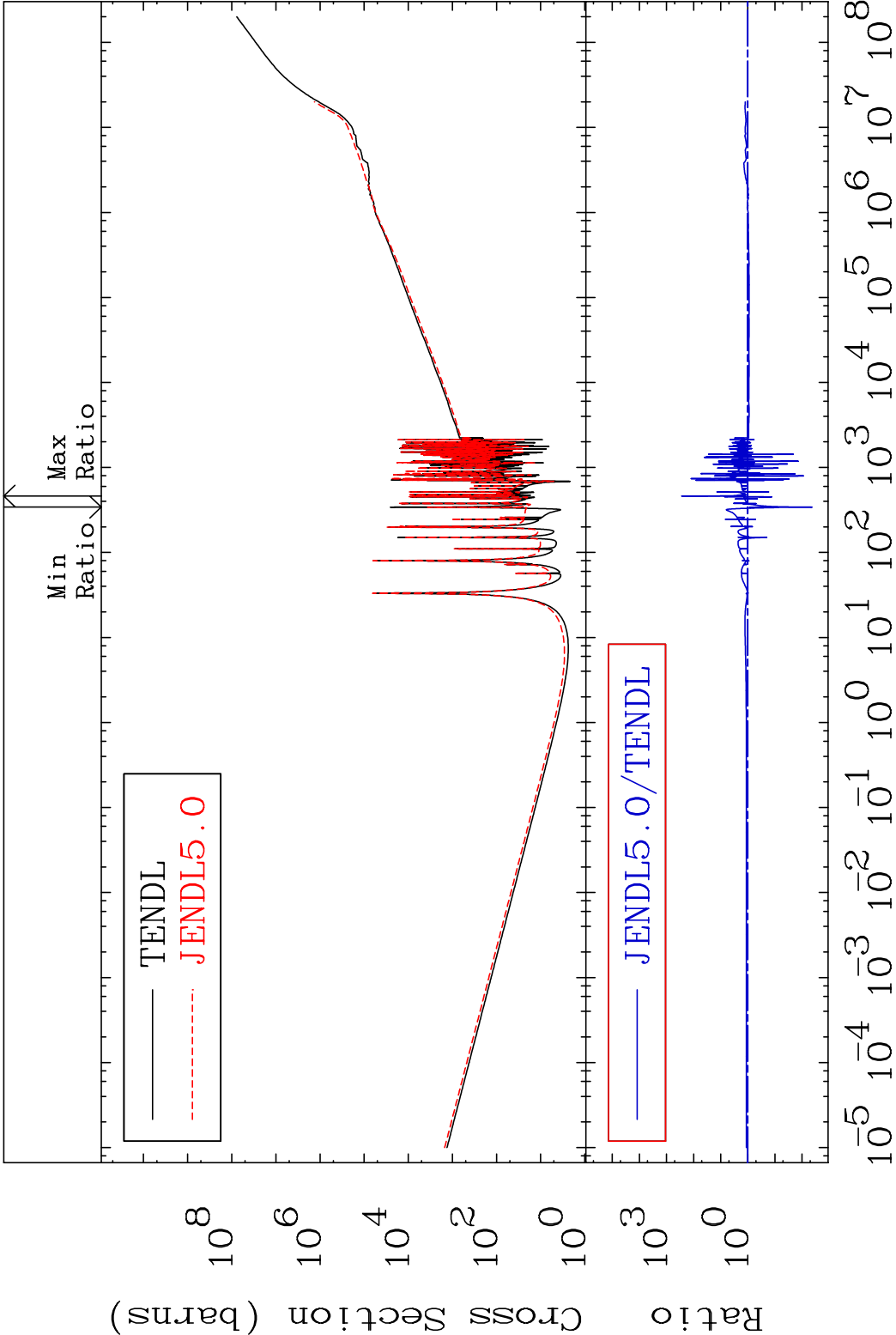
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

53 Incident Energy (eV) 64-Gd-156

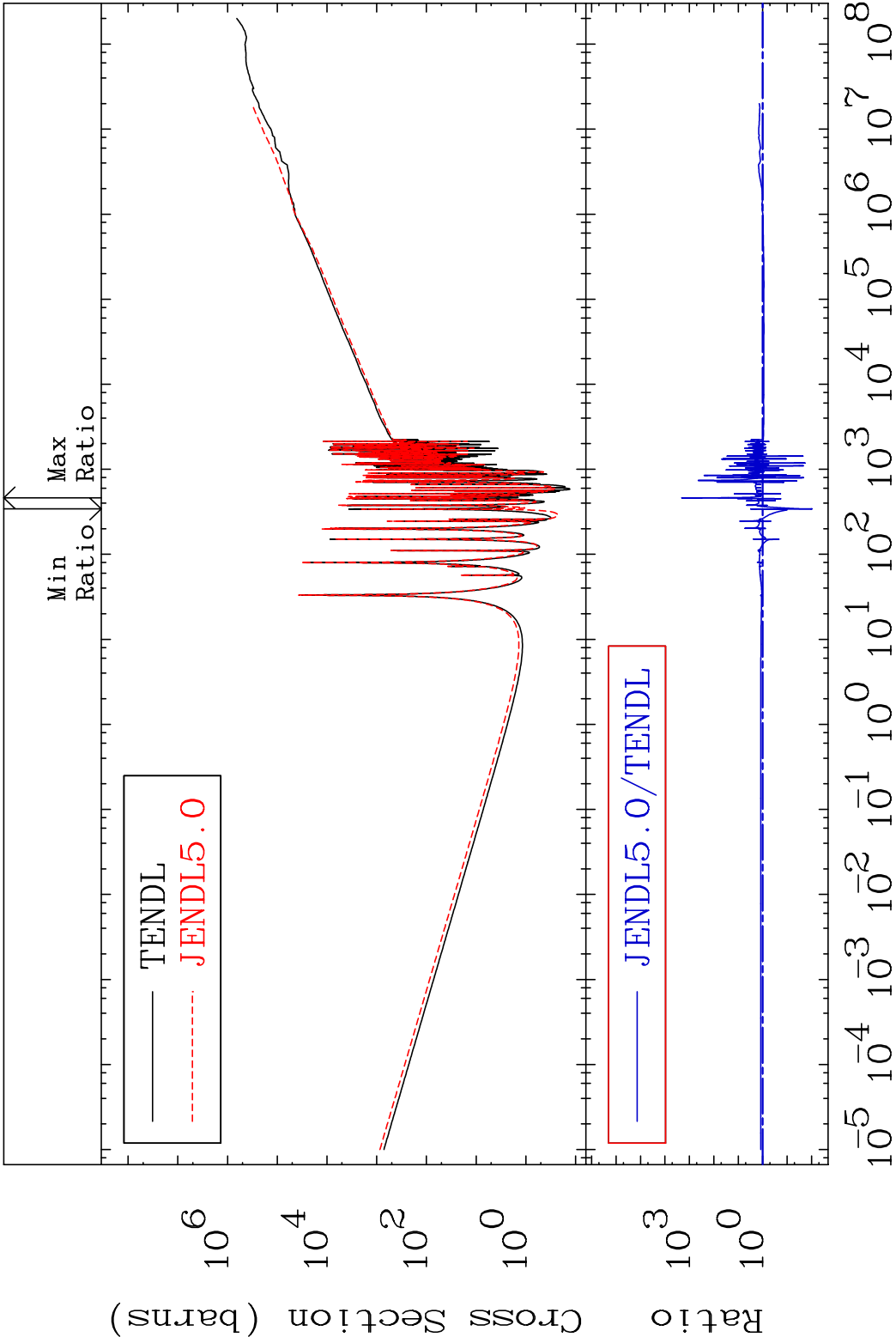
MAT 6437 Total photon (eV-barns) 64-Gd-156
Cross Section -99.67 To 9999. %



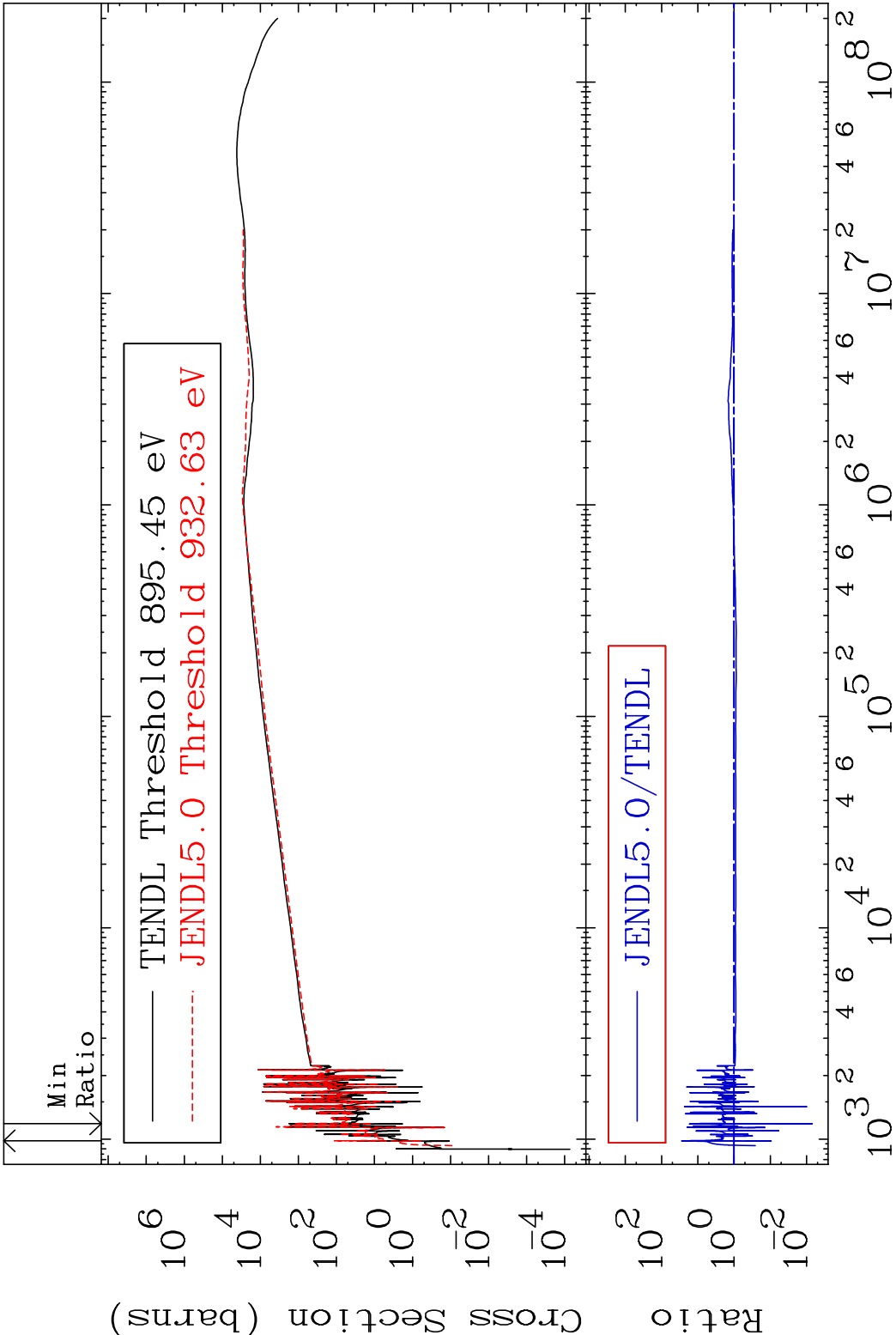
MAT 6437 Total kinematic kerma (high limit) 64-Gd-156
Cross Section -99.58 To 9999. %

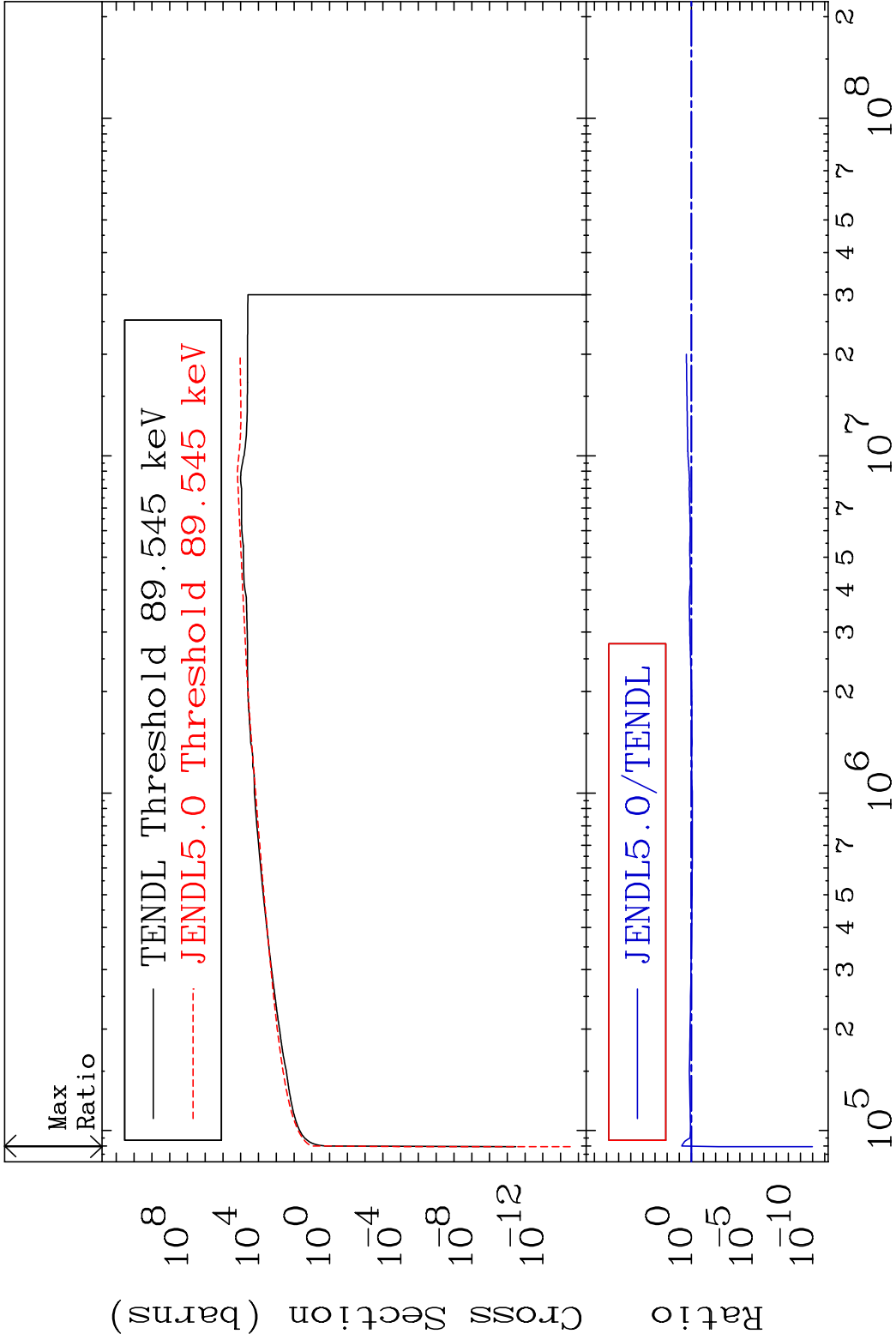


MAT 6437	Dpa total (eV-barns)	64-Gd-156
	Cross Section	-99.06 To 9999. %



MAT 6437	Dpa elastic (mt2)	64-Gd-156
	Cross Section	-99.30 To 2711. %





MAT 6437 Dpa disappearance (mt102 -120) 64-Gd-156
Cross Section -99.61 To 9999. %

