

Program Complot
(Version 2021-1)

by

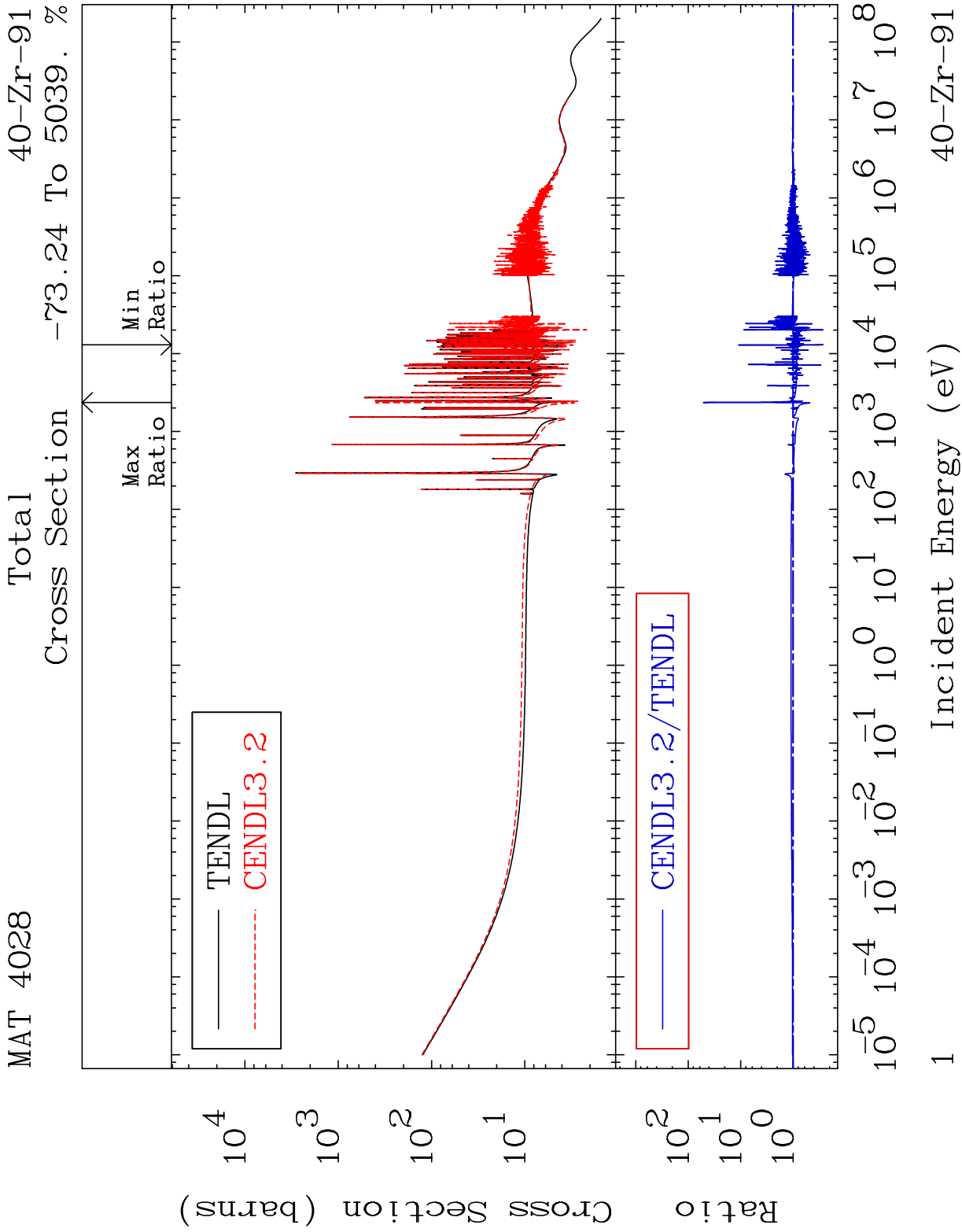
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(Present Contact Information)

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Press Mouse Button to Start

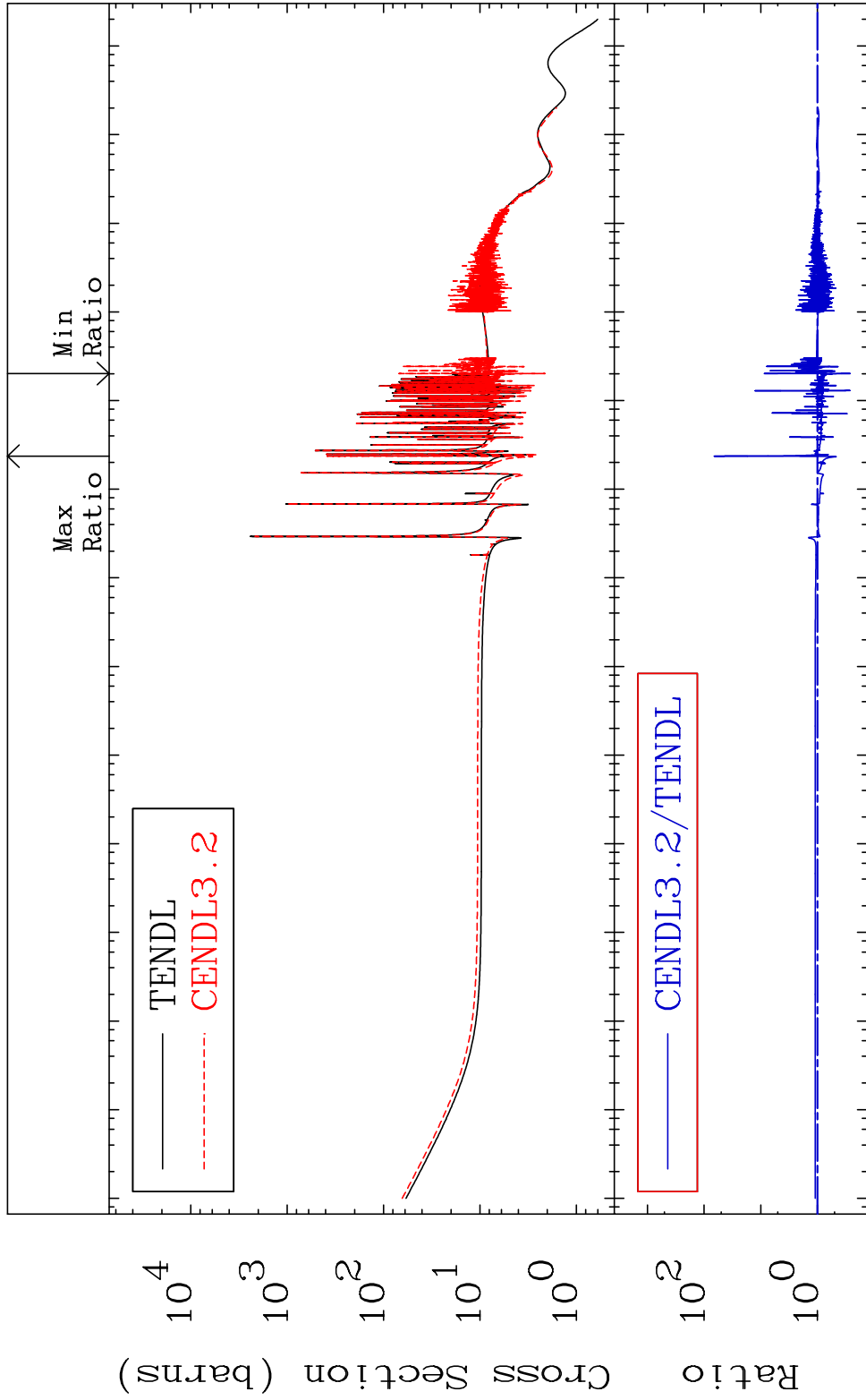


MAT 4028

Elastic

40-Zr-91

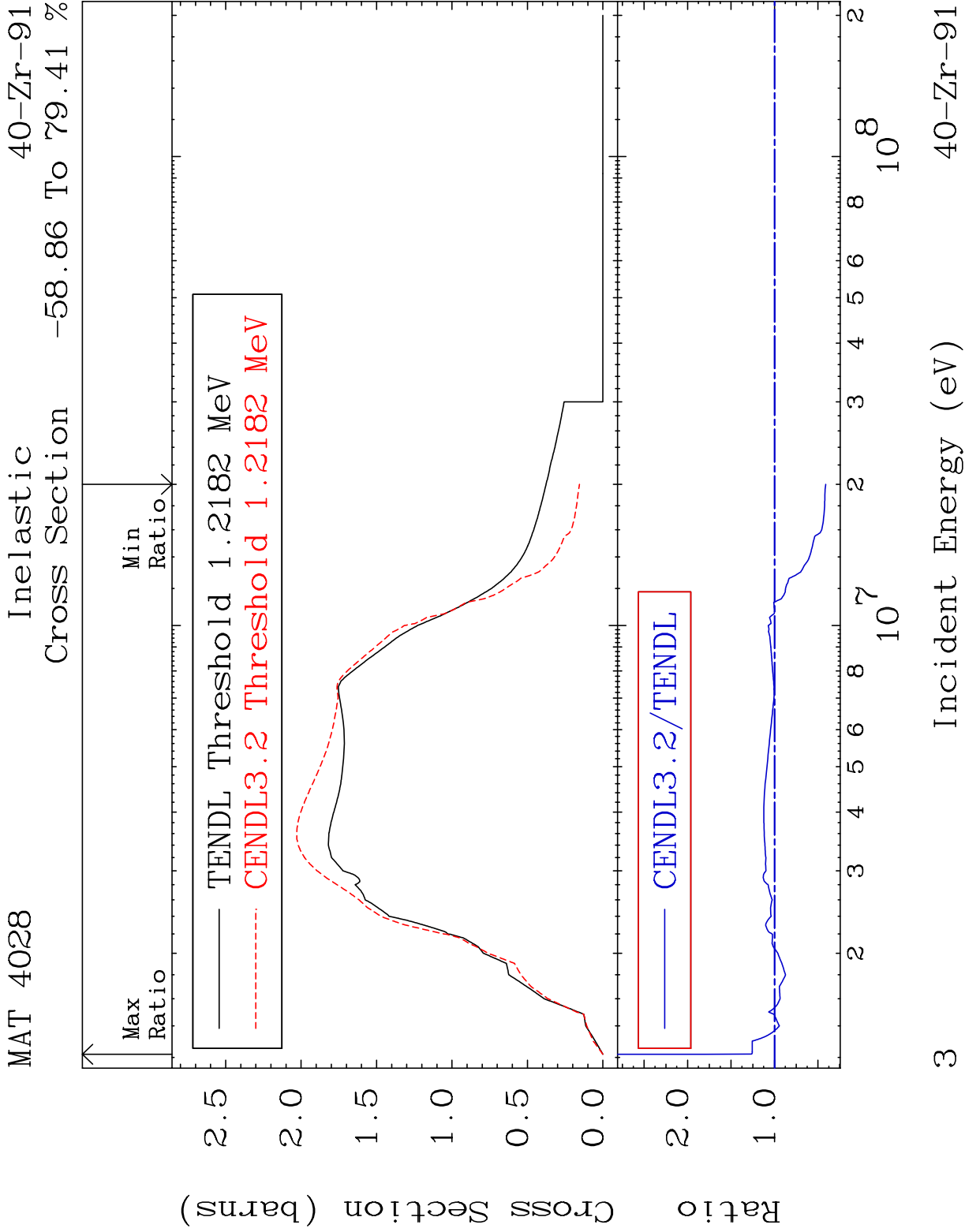
Cross Section -73.66 To 6577. %

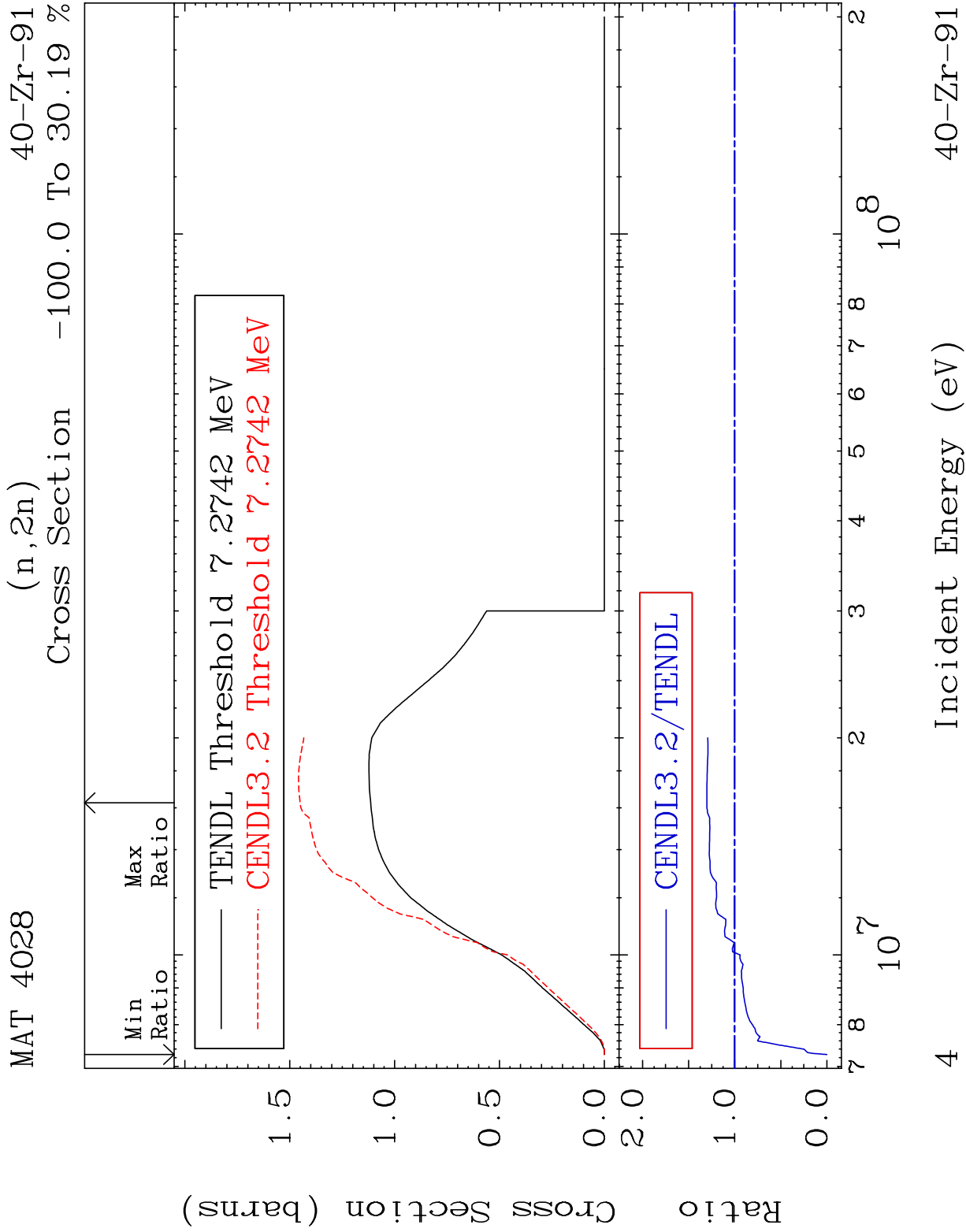


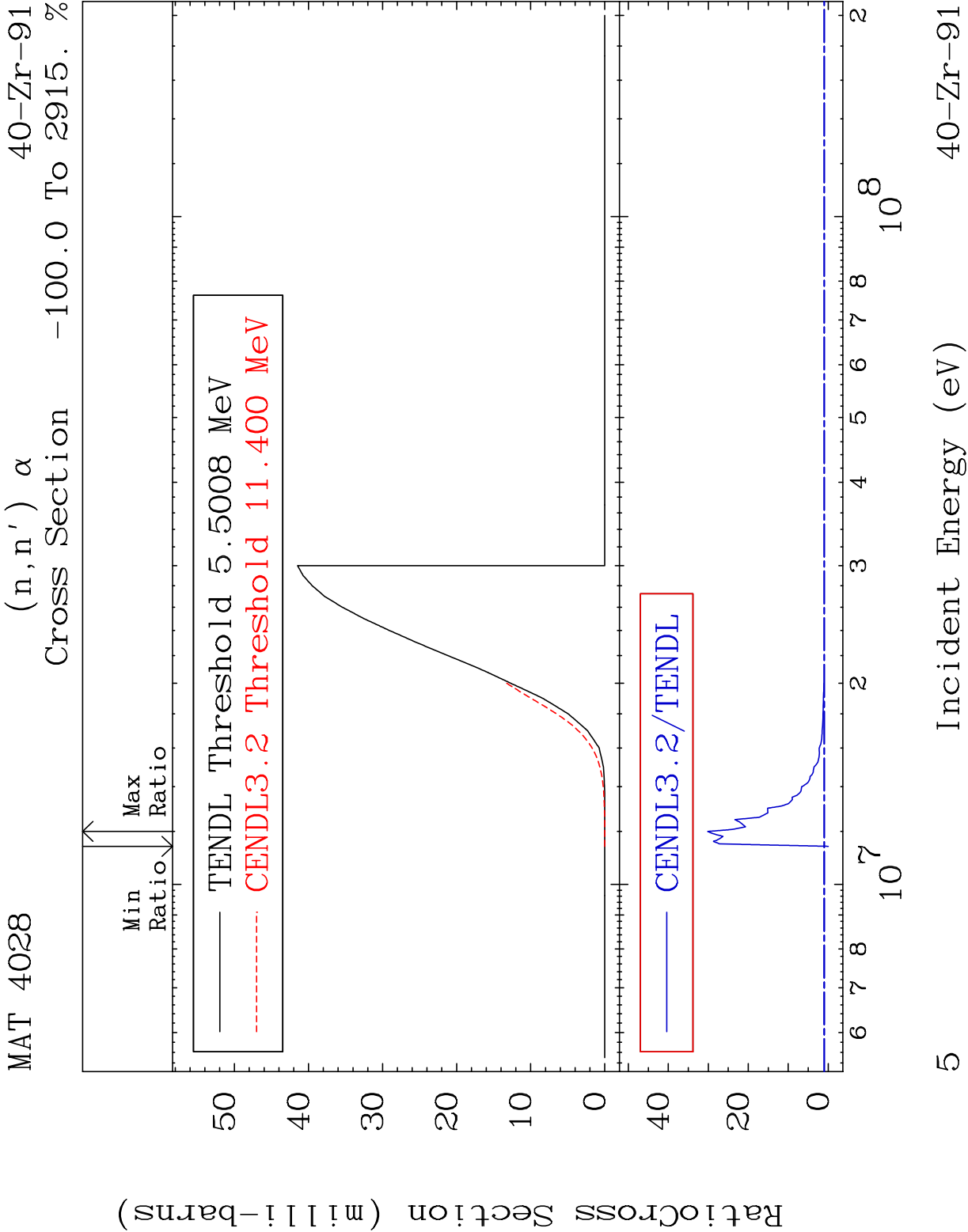
2

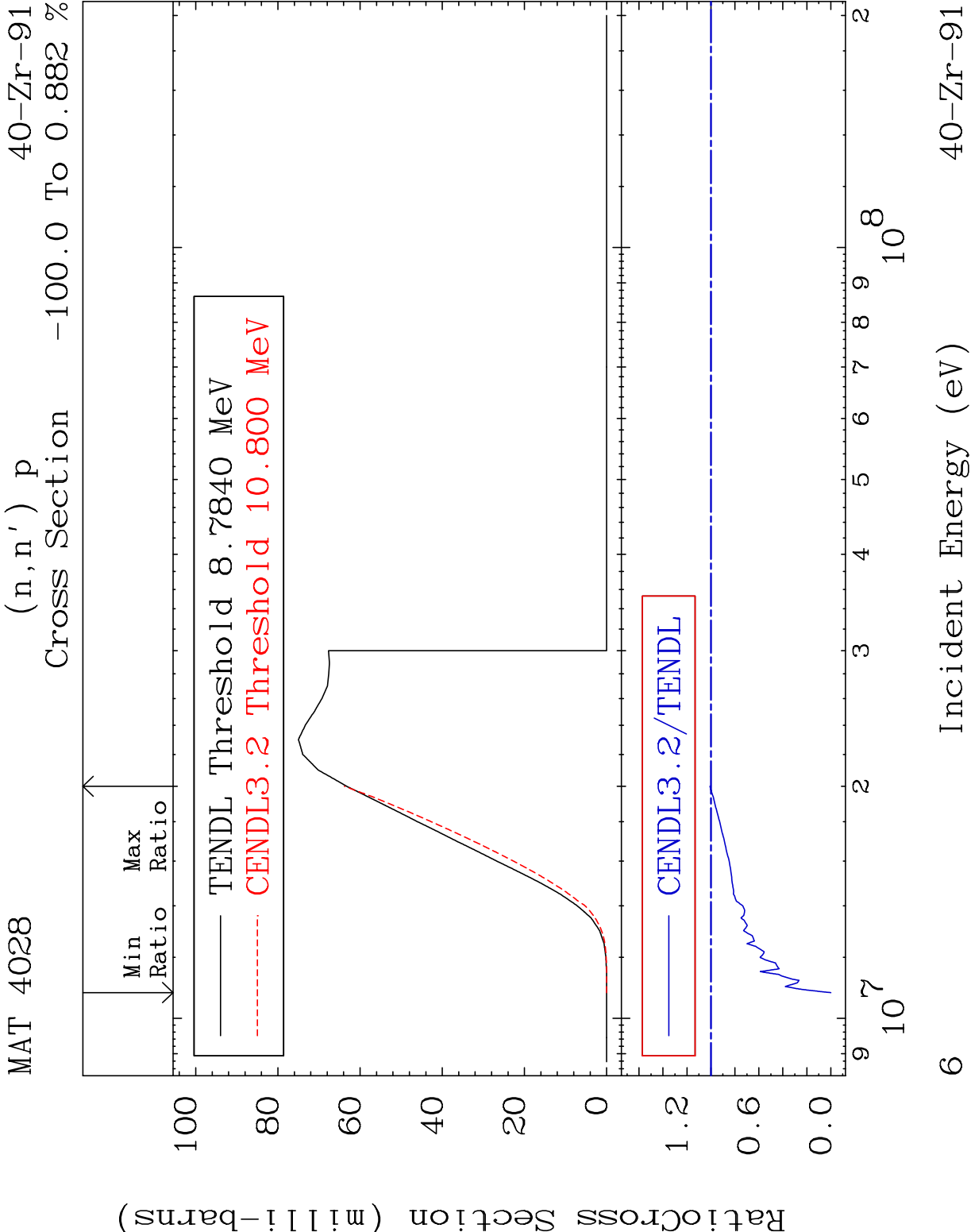
Incident Energy (eV)

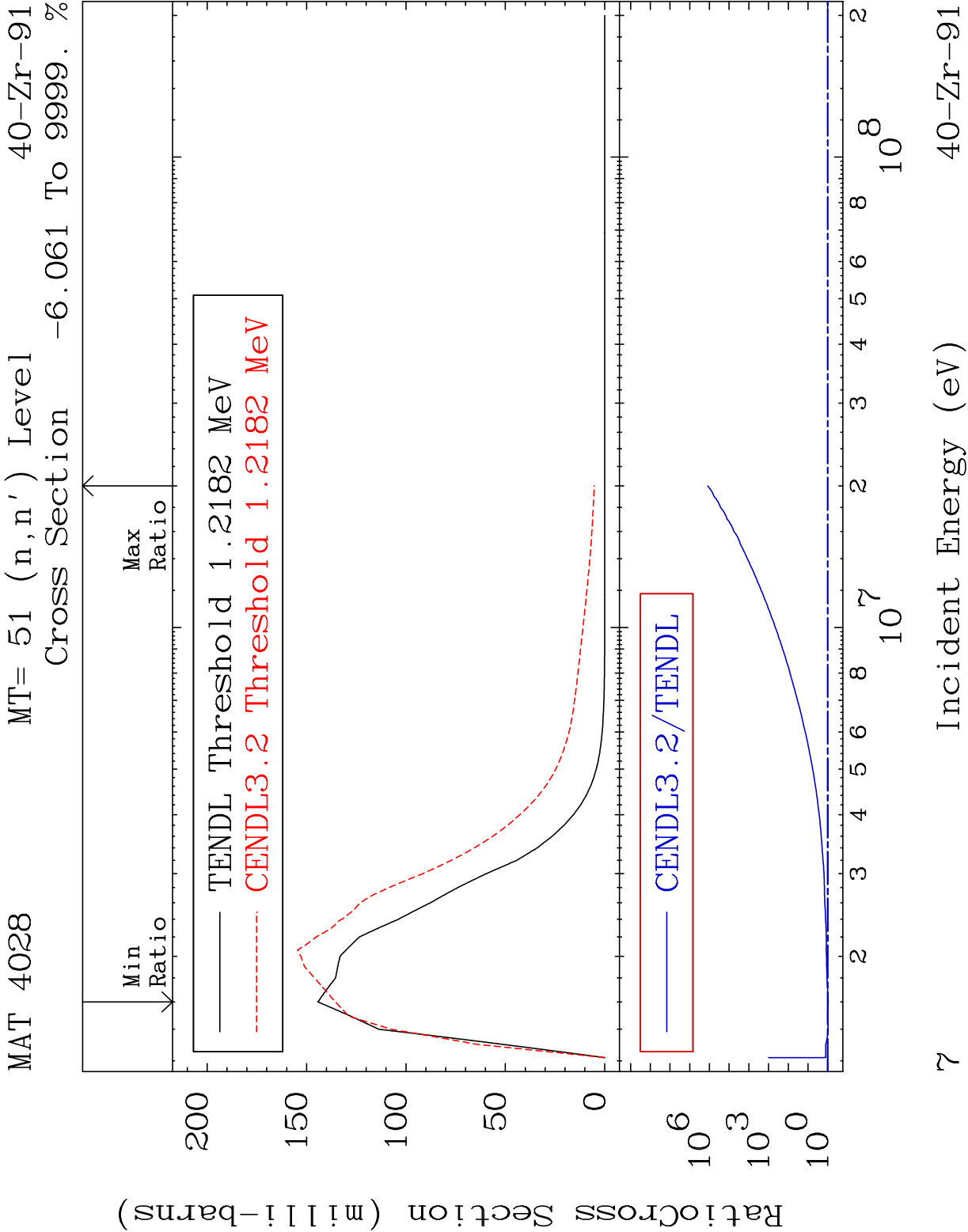
40-Zr-91











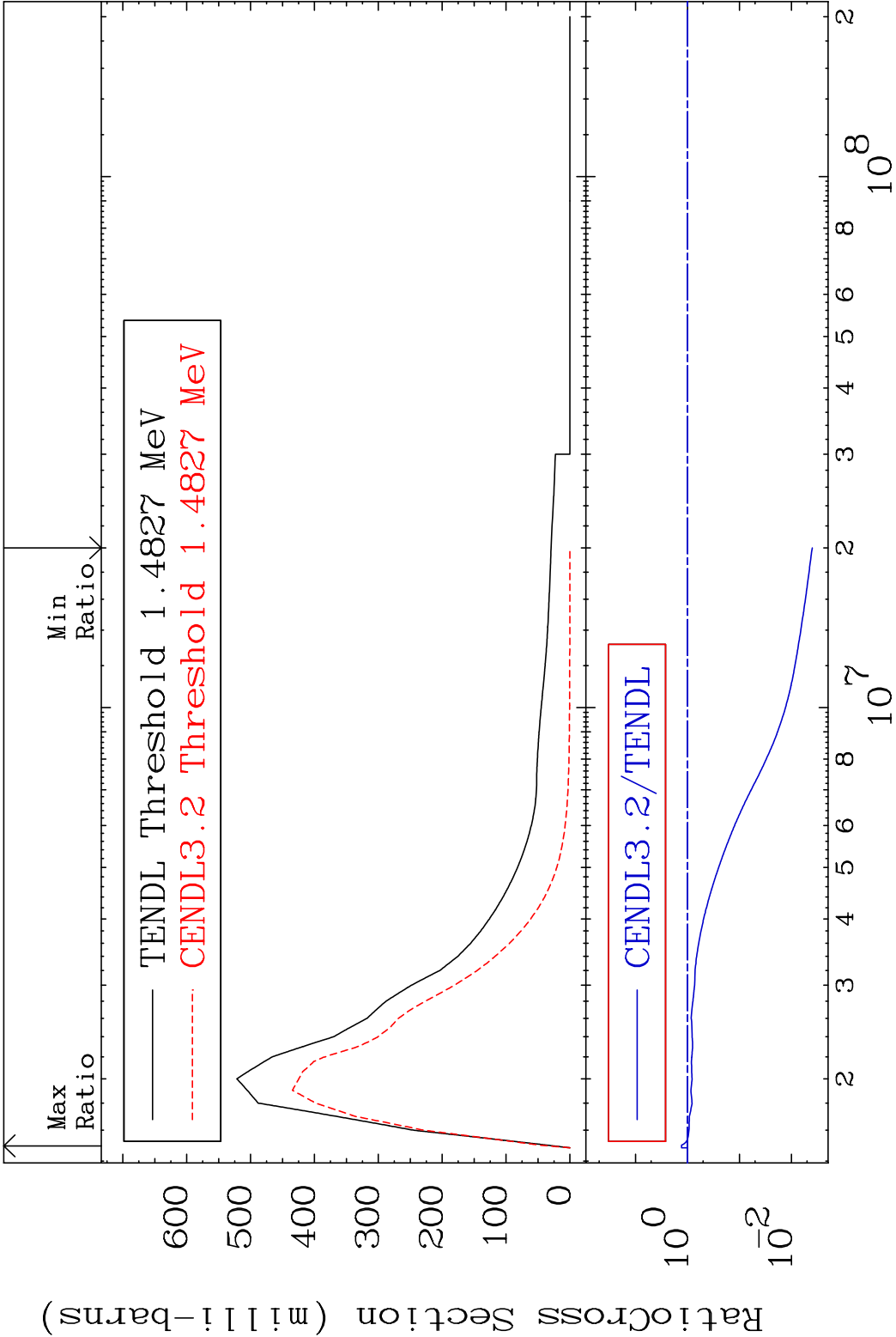
MAT 4028

MT= 52 (n,n') Level

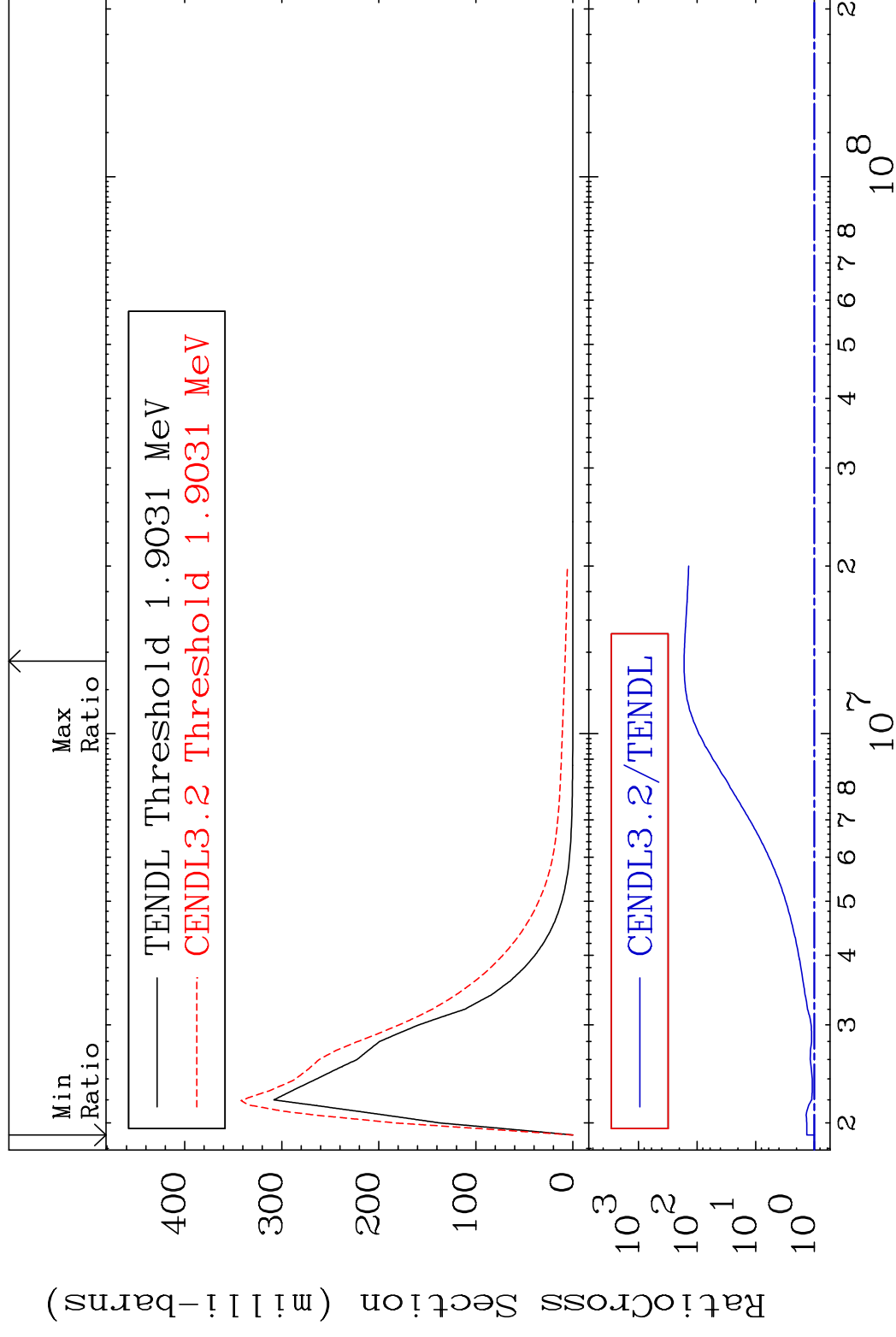
40-Zr-91

Cross Section

-99.60 To 29.97 %



MAT 4028	MT= 53 (n,n')	Level	40-Zr-91
	Cross Section	0.000	To 9999. %

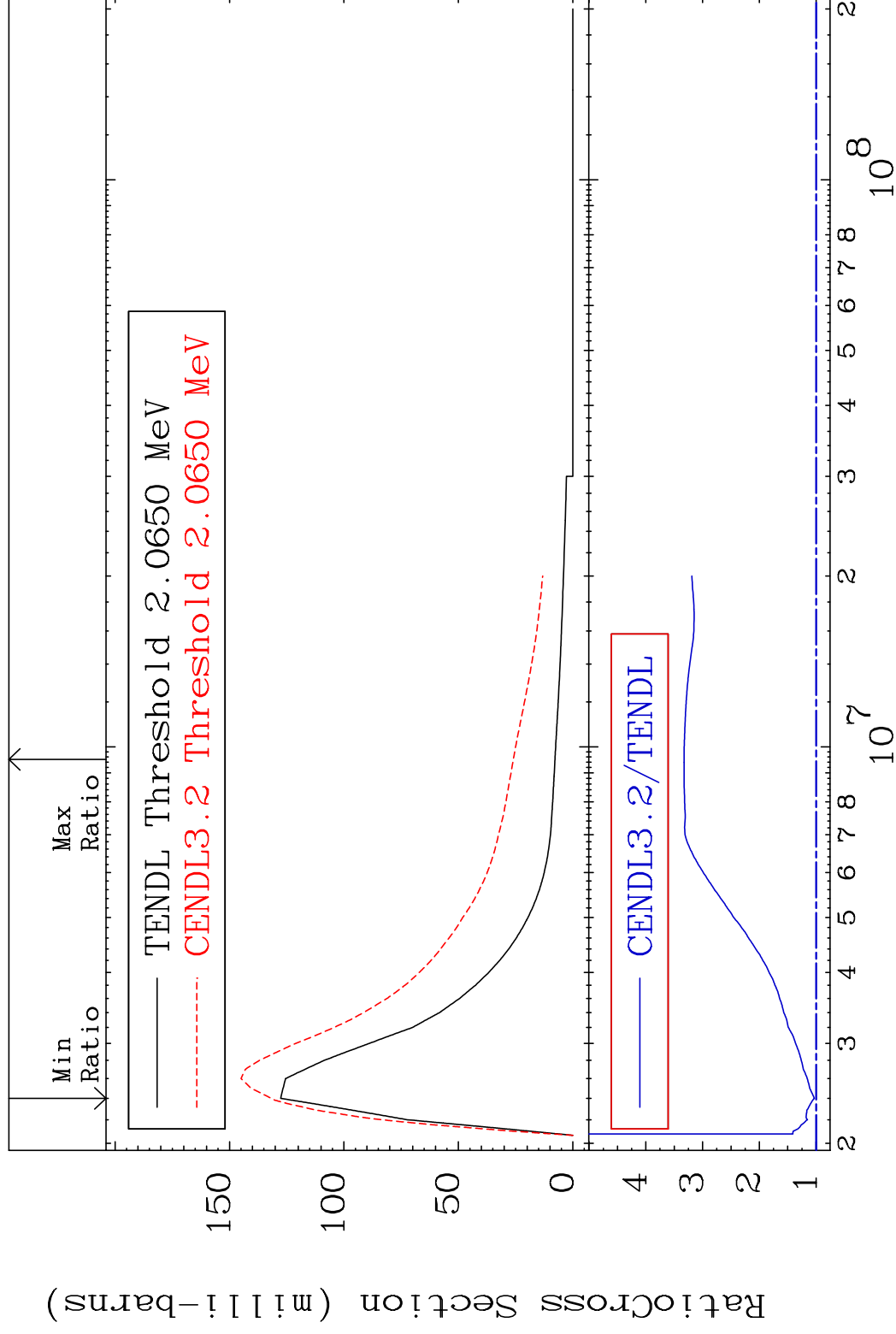


MAT 4028

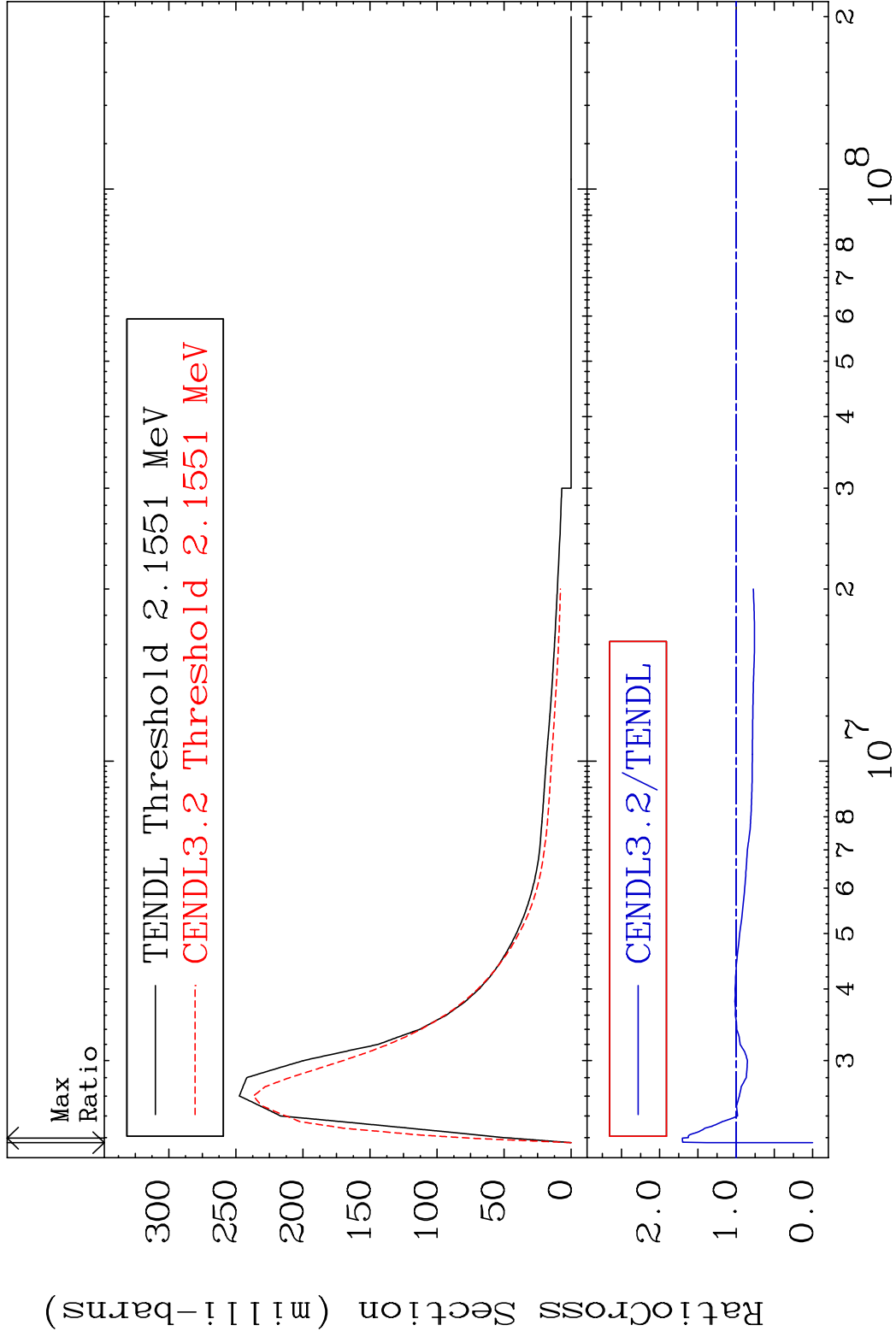
MT= 54 (n, n') Level

40-Zr-91

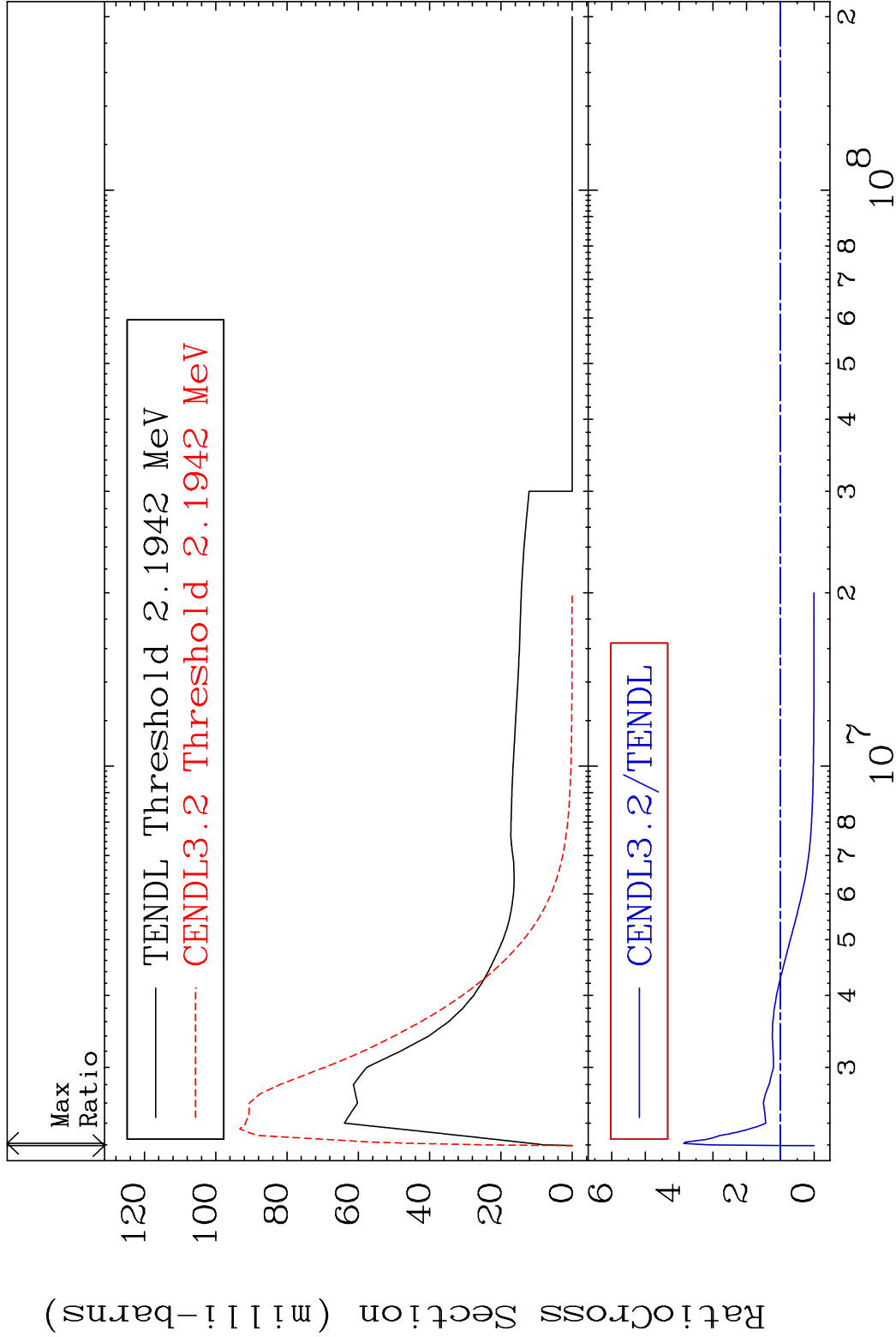
Cross Section 3.255 To 232.6 %



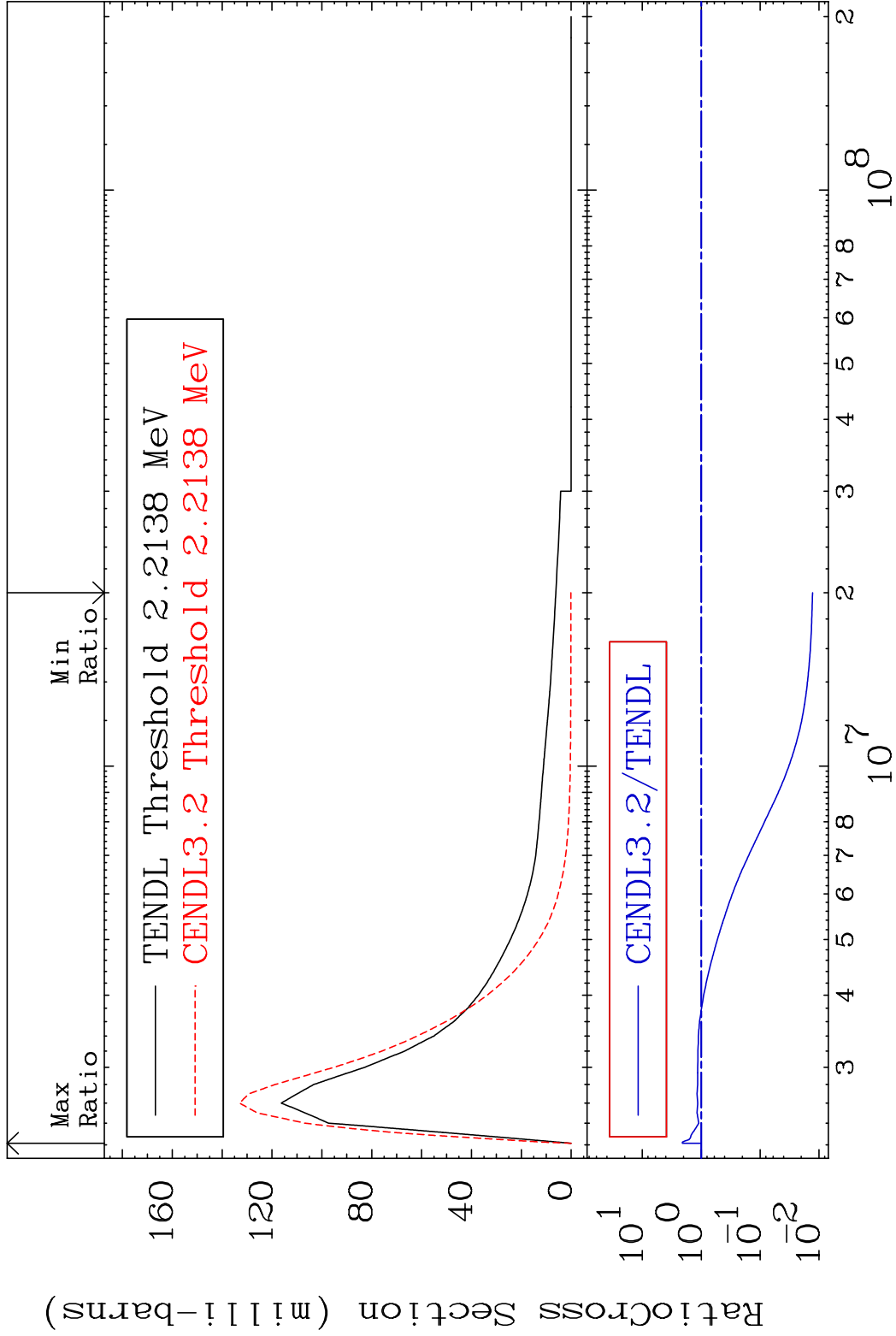
MAT 4028 MT= 55 (n,n') Level 40-Zr-91
 Cross Section -100.0 To 70.36 %



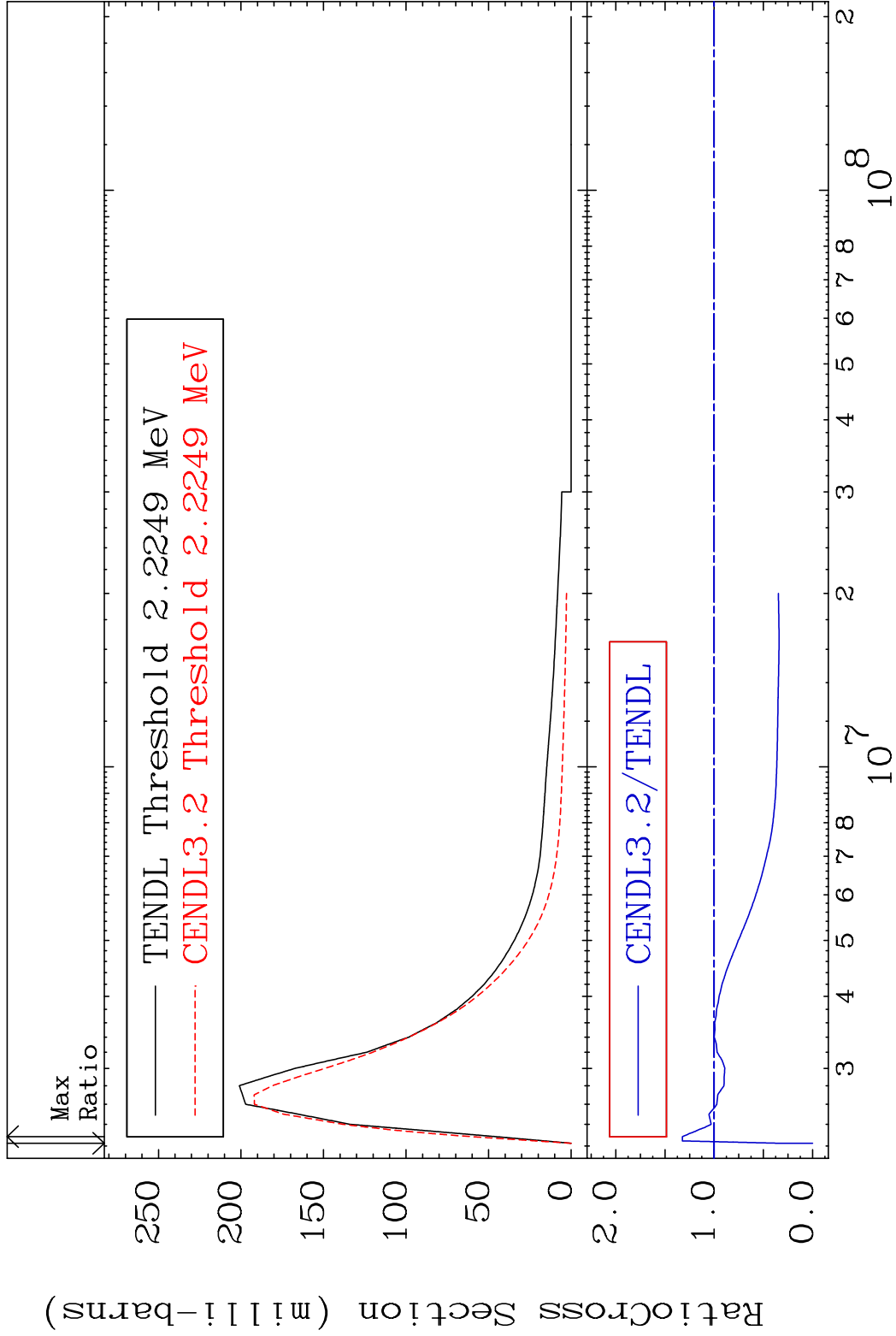
MAT 4028 MT= 56 (n,n') Level 40-Zr-91
Cross Section -100.0 To 286.6 %



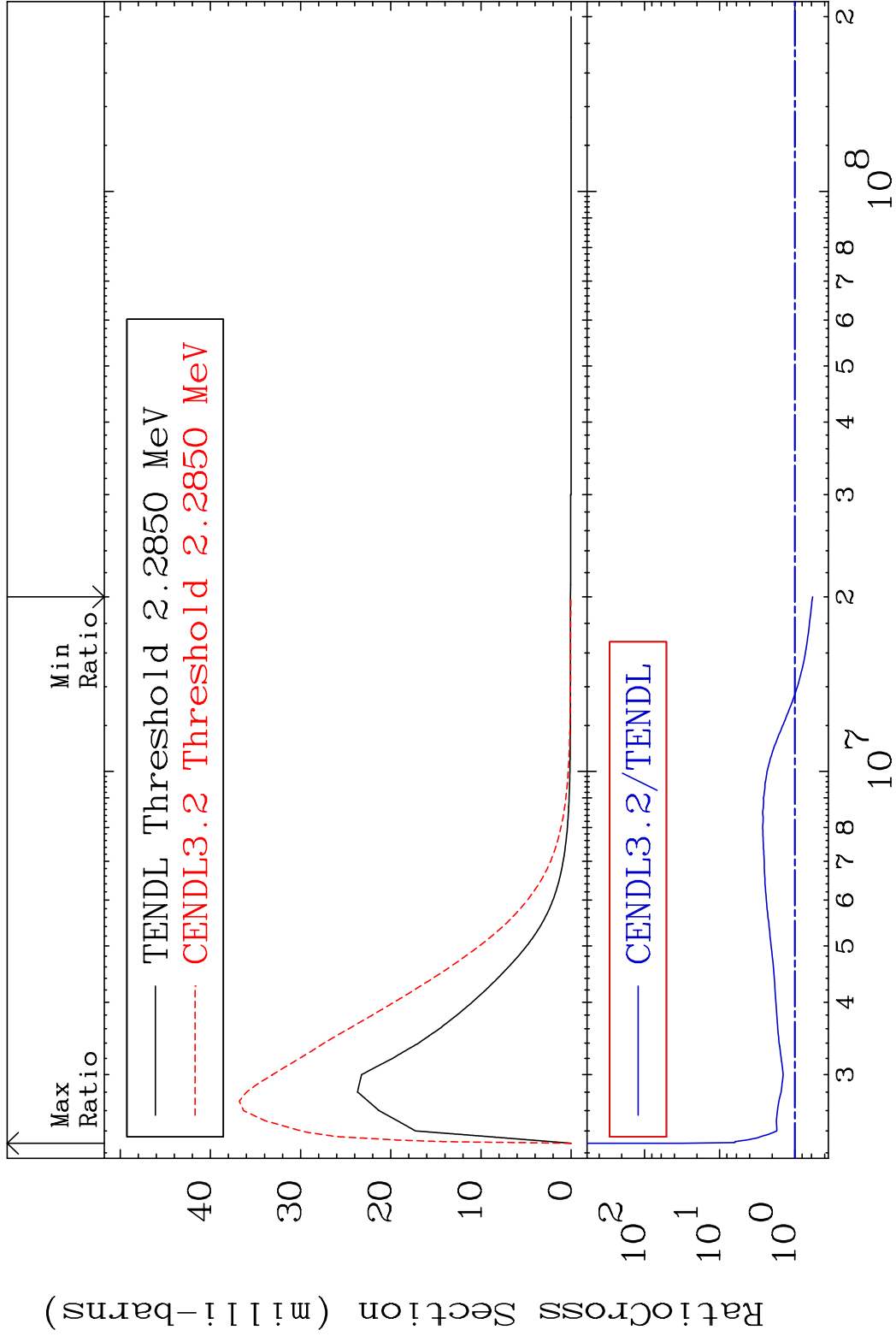
MAT 4028 MT= 57 (n,n') Level 40-Zr-91
Cross Section -98.71 To 109.1 %



MAT 4028 MT= 58 (n,n') Level 40-Zr-91
Cross Section -100.0 To 32.36 %

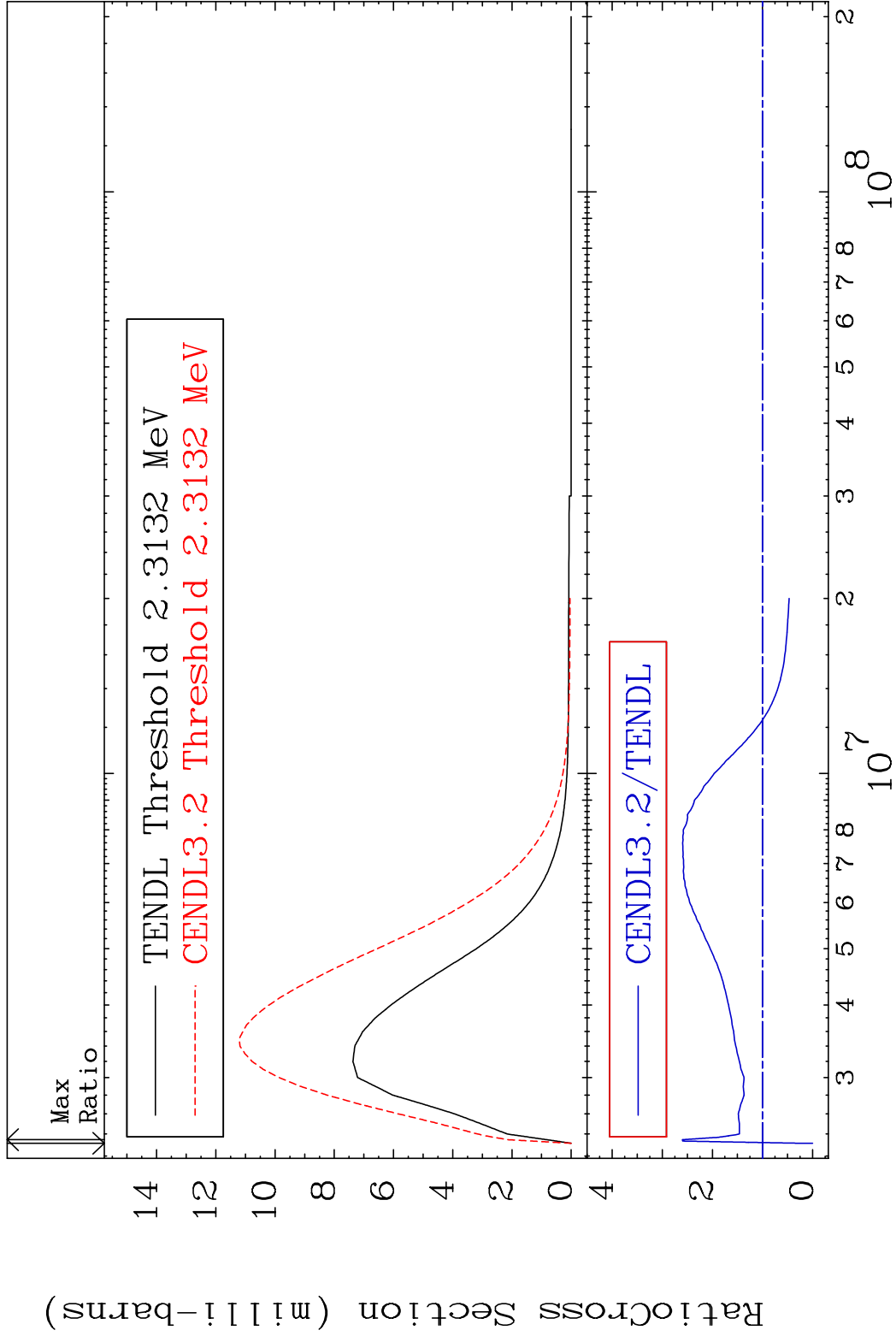


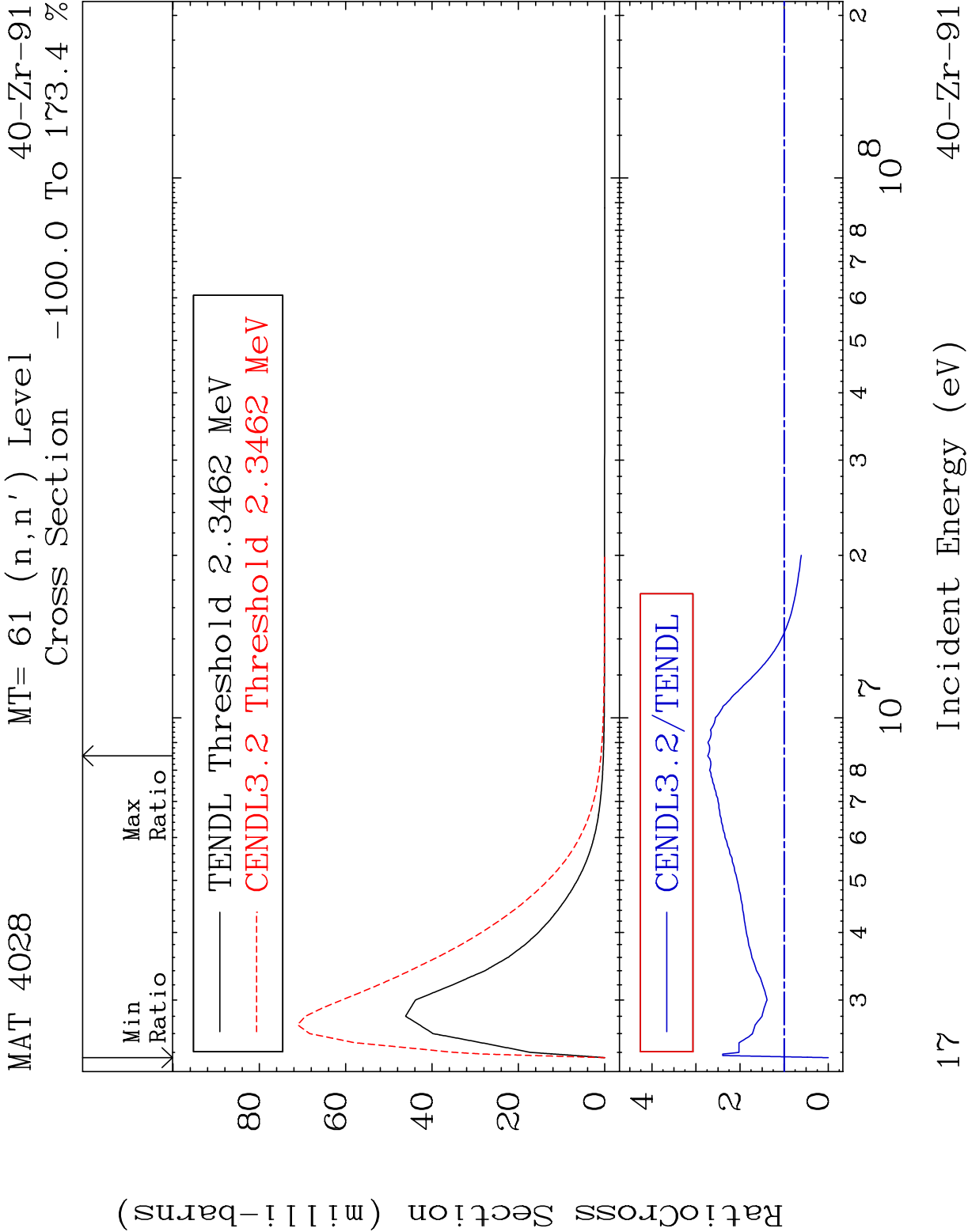
MAT 4028MT= 59 (n,n') Level40-Zr-91
Cross Section-41.85 To 3032. %



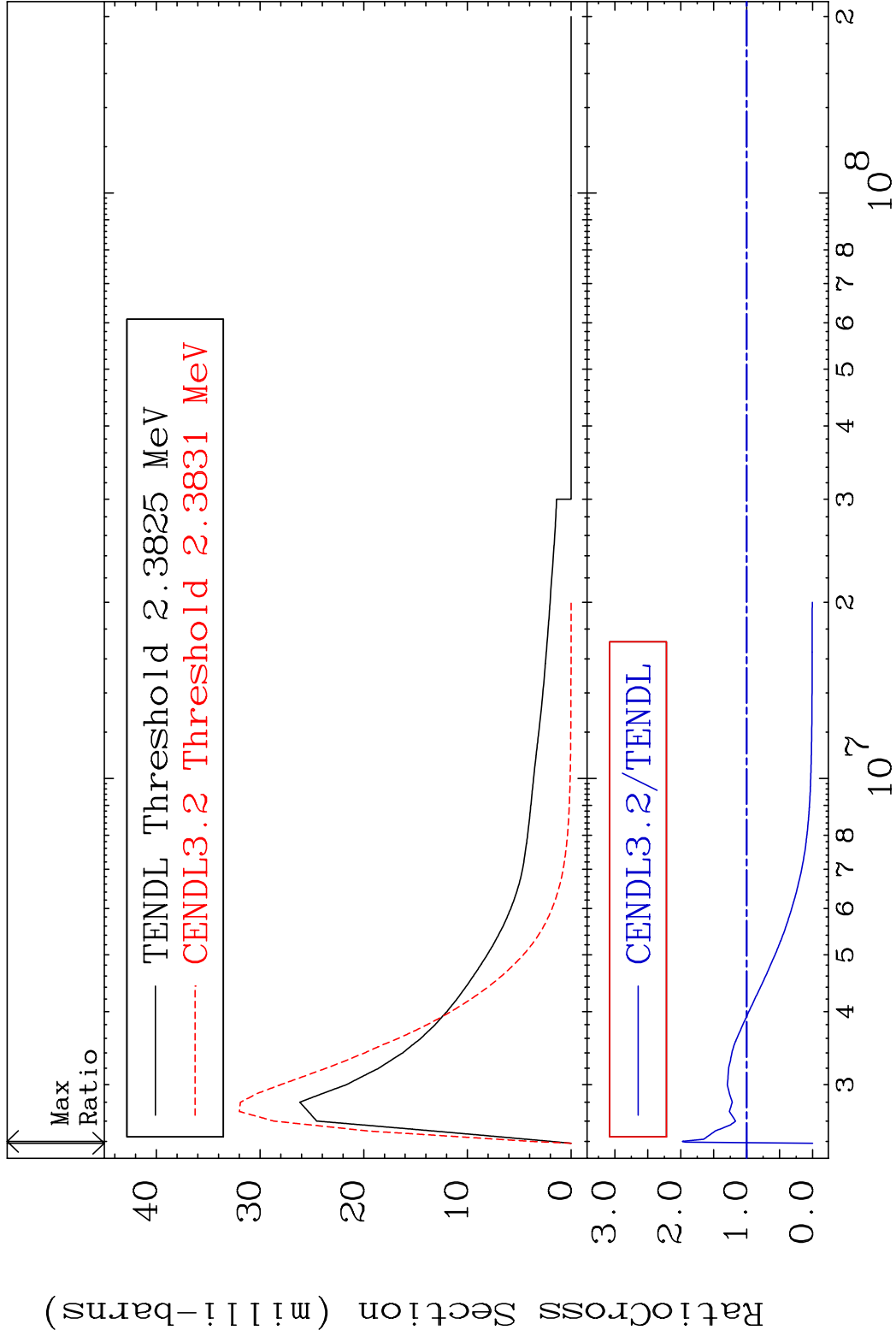
15Incident Energy (eV)40-Zr-91

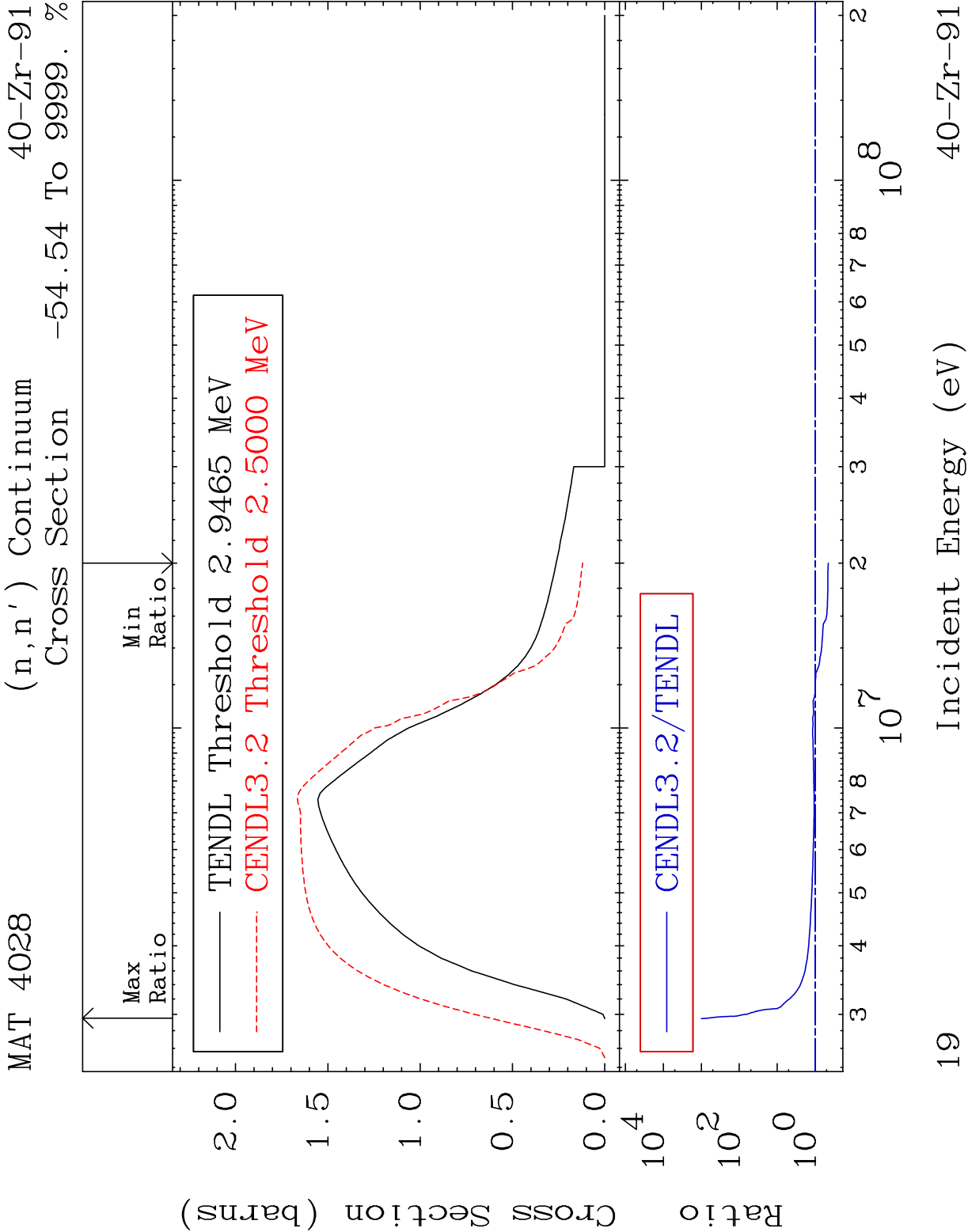
MAT 4028 MT= 60 (n,n') Level 40-Zr-91
Cross Section -100.0 To 160.0 %

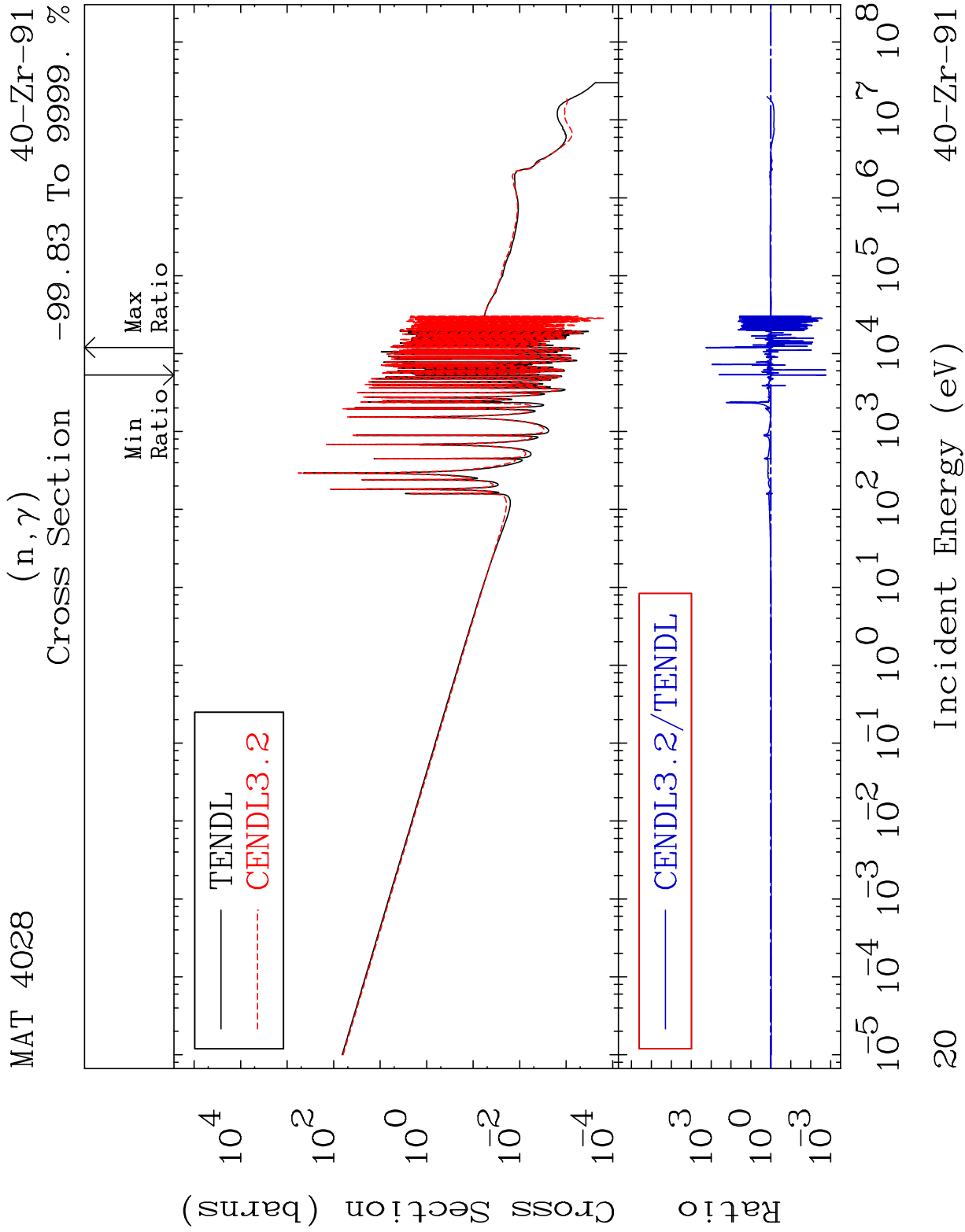


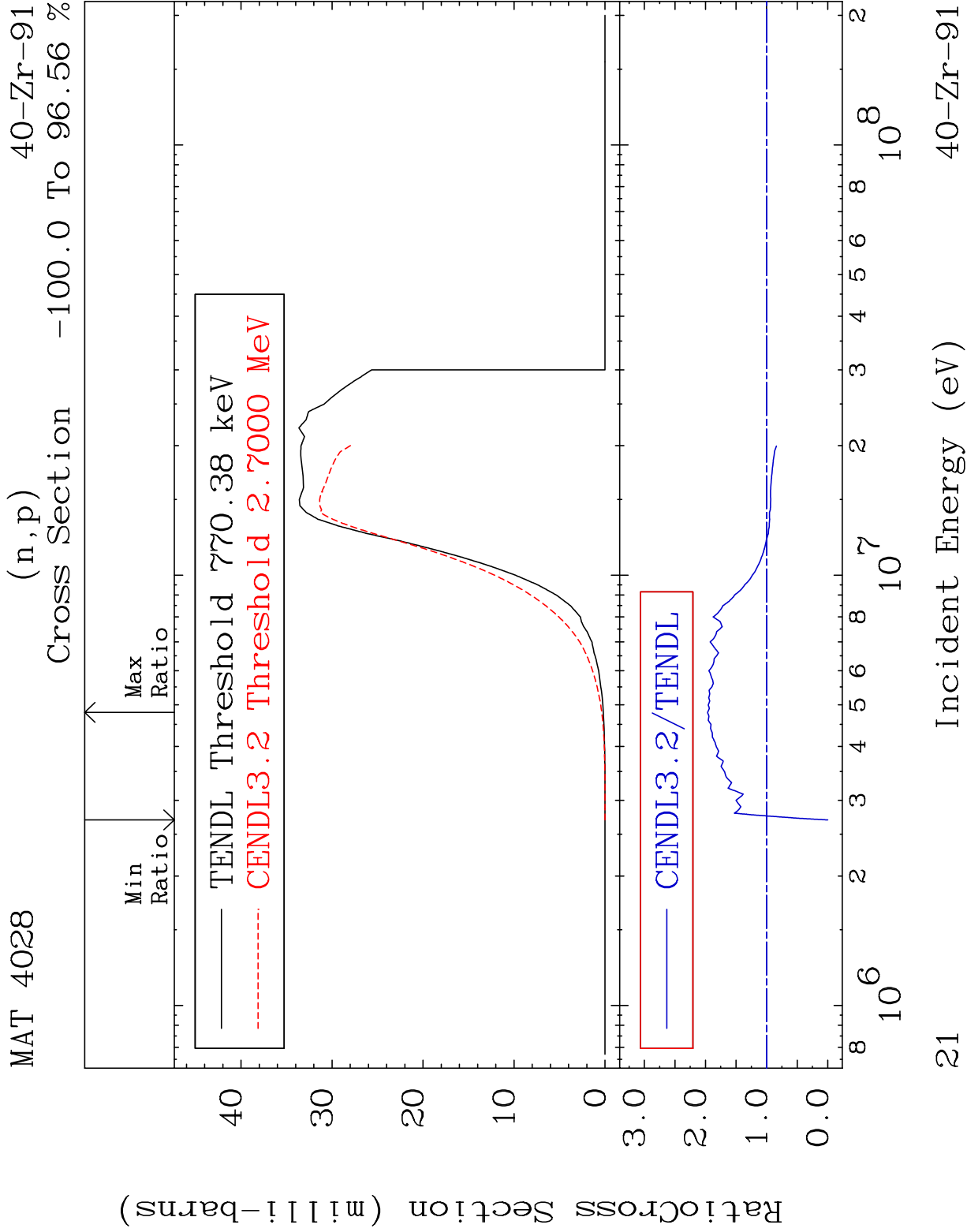


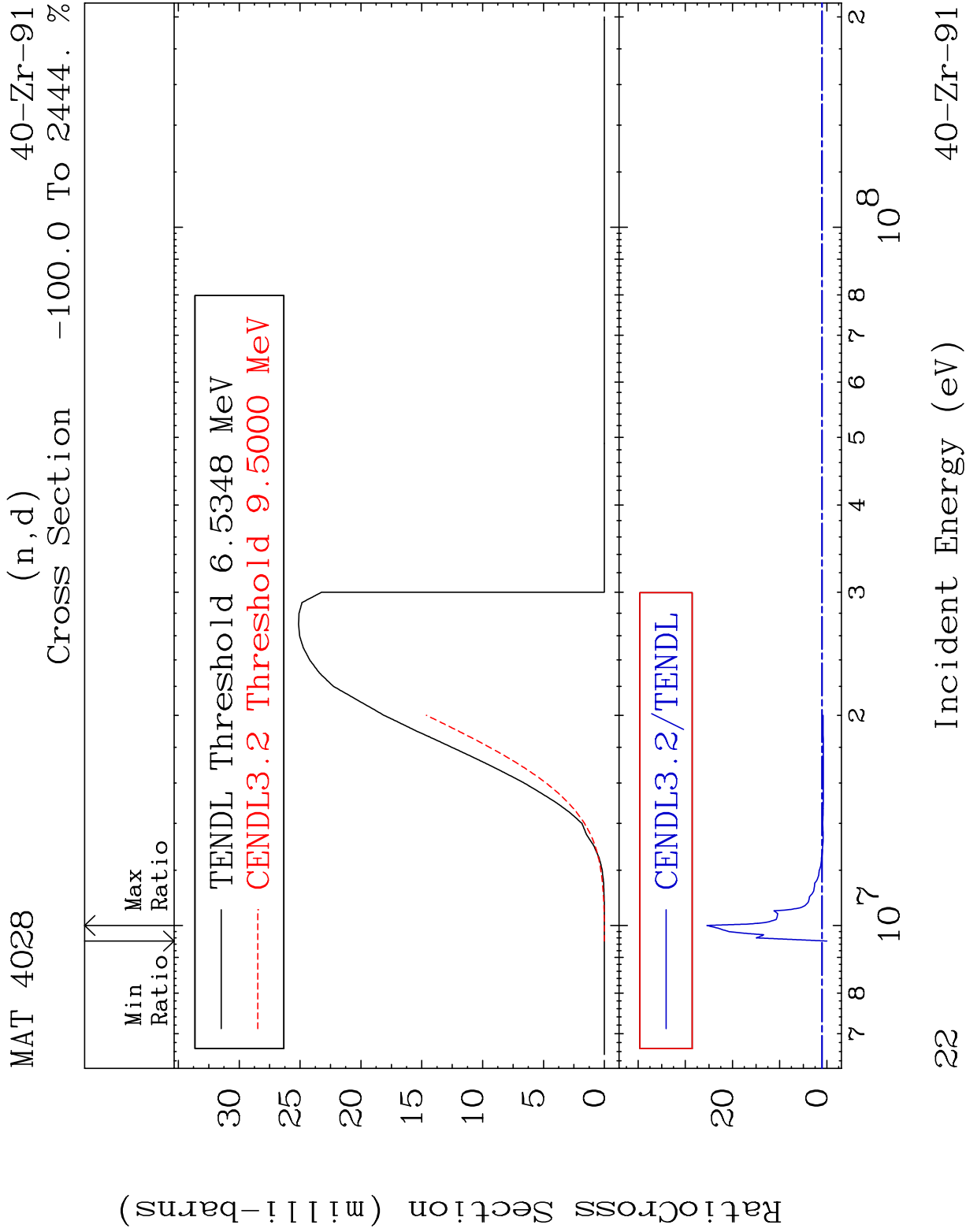
MAT 4028 MT= 62 (n,n') Level 40-Zr-91
Cross Section -100.0 To 97.56 %

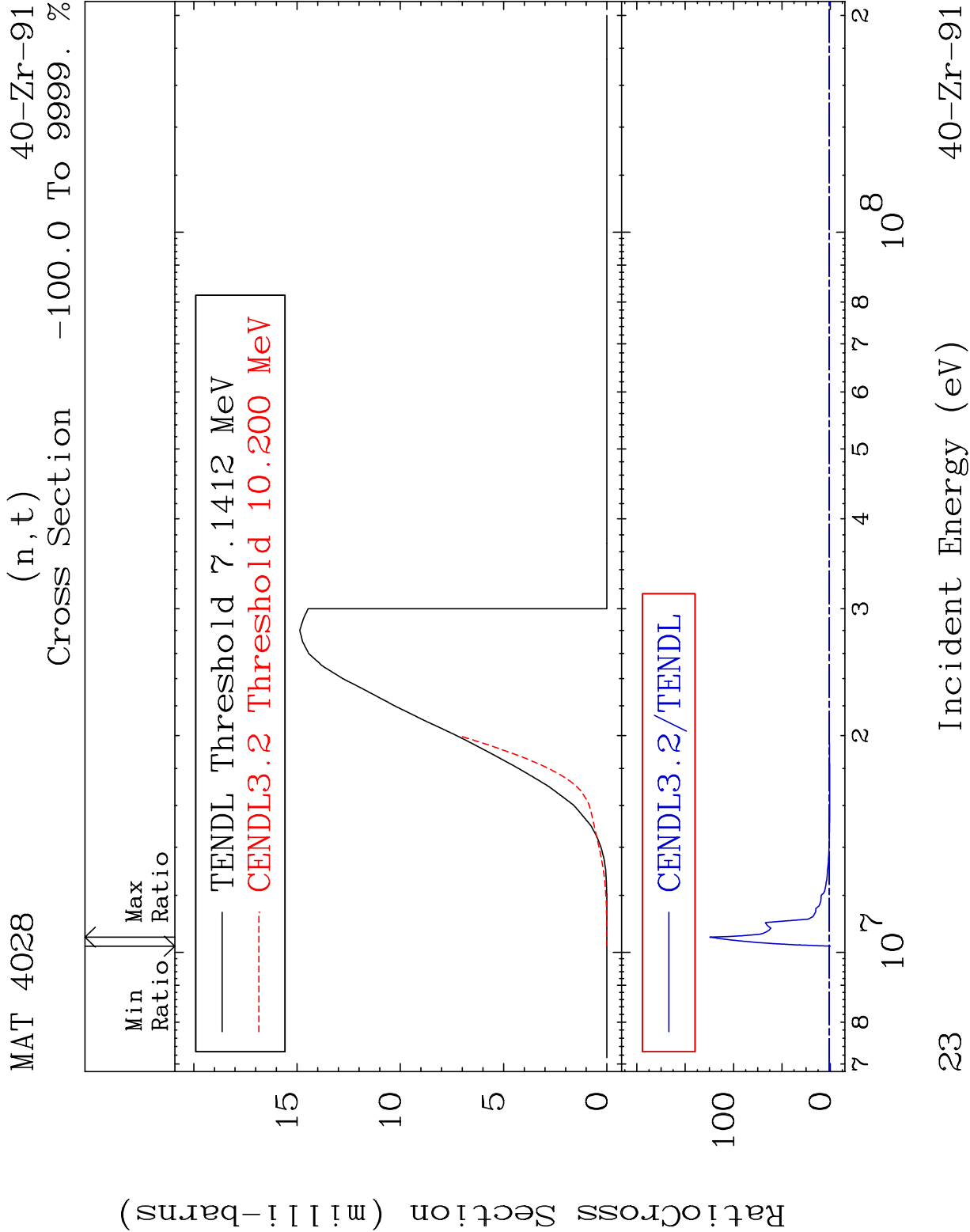


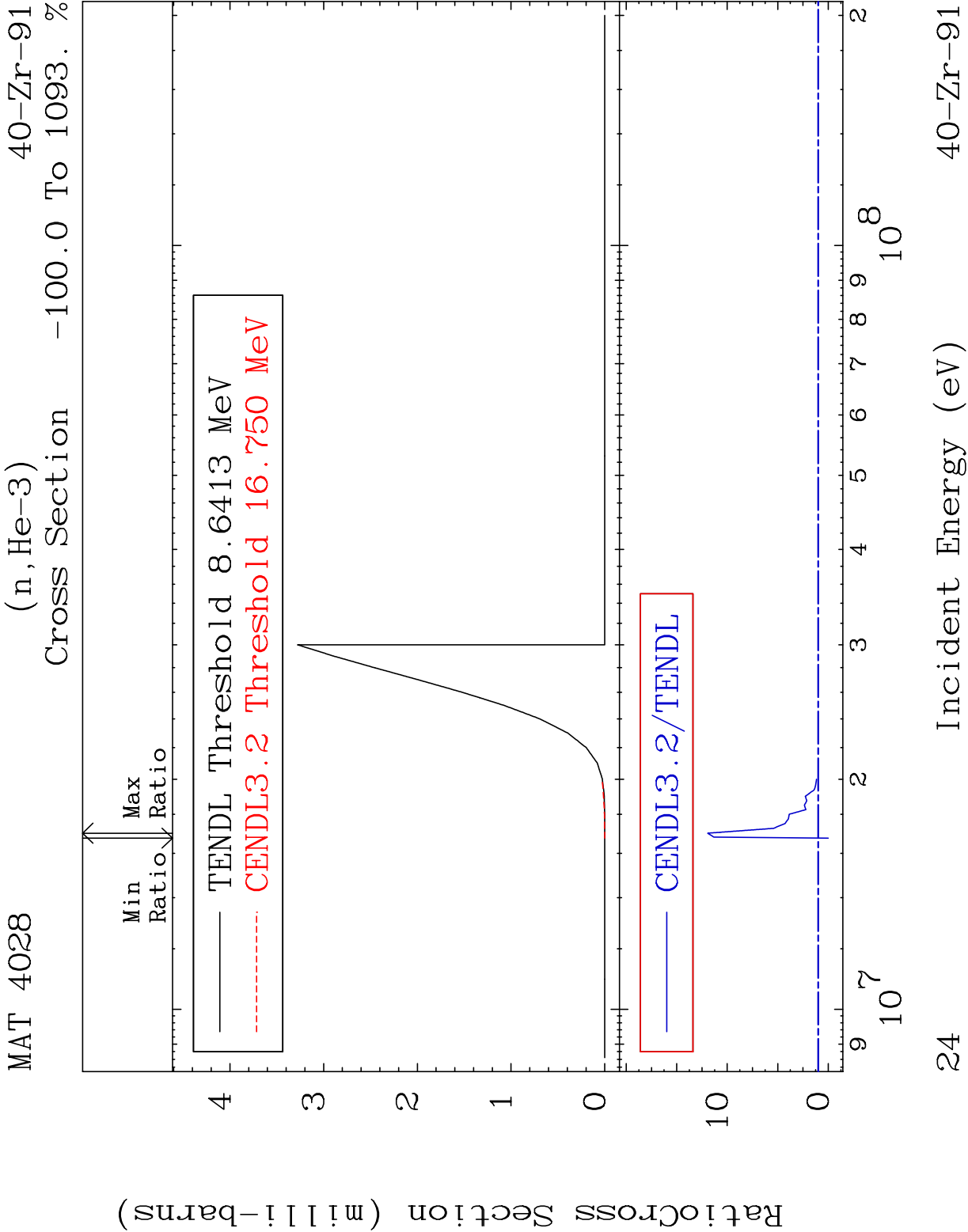


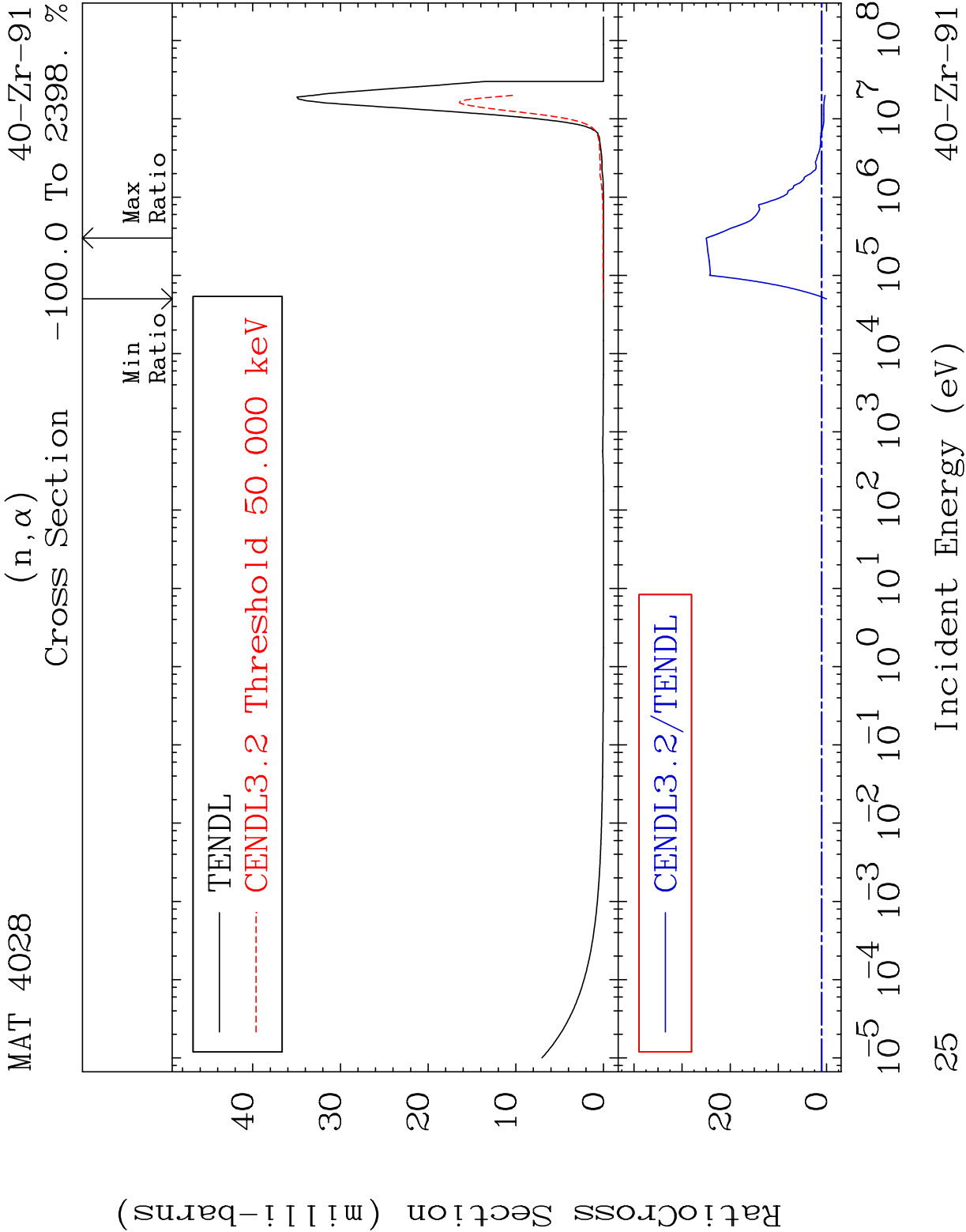


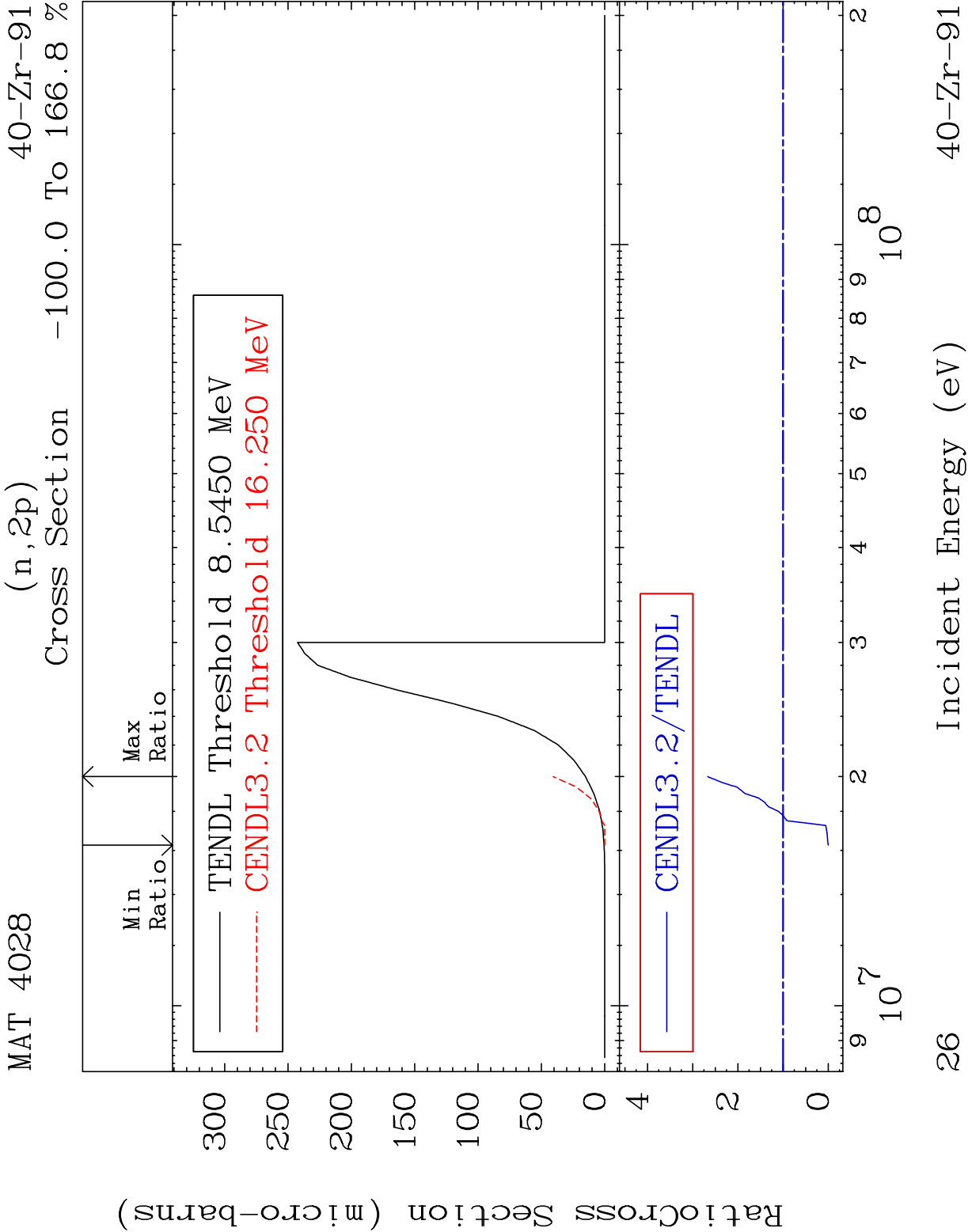


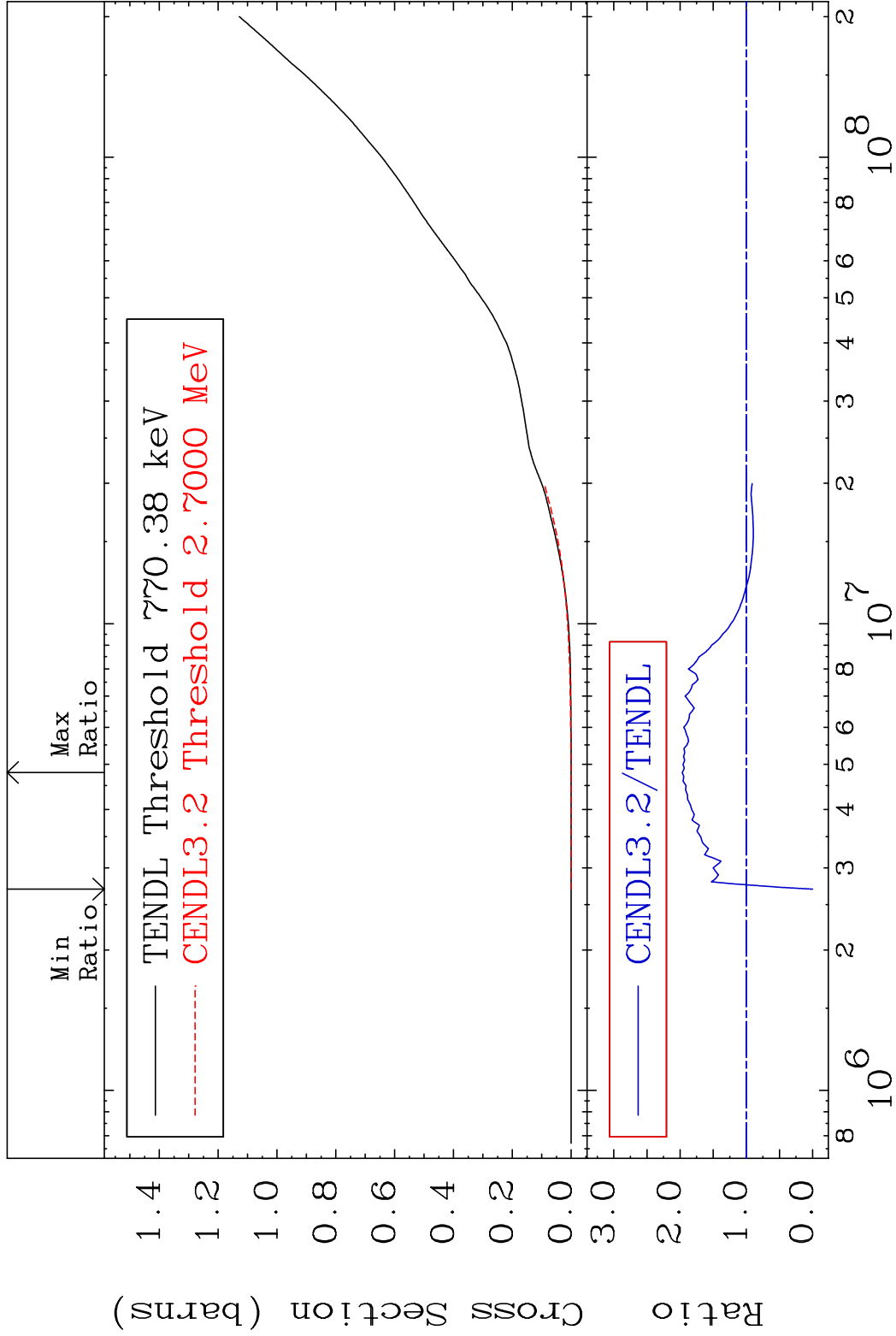


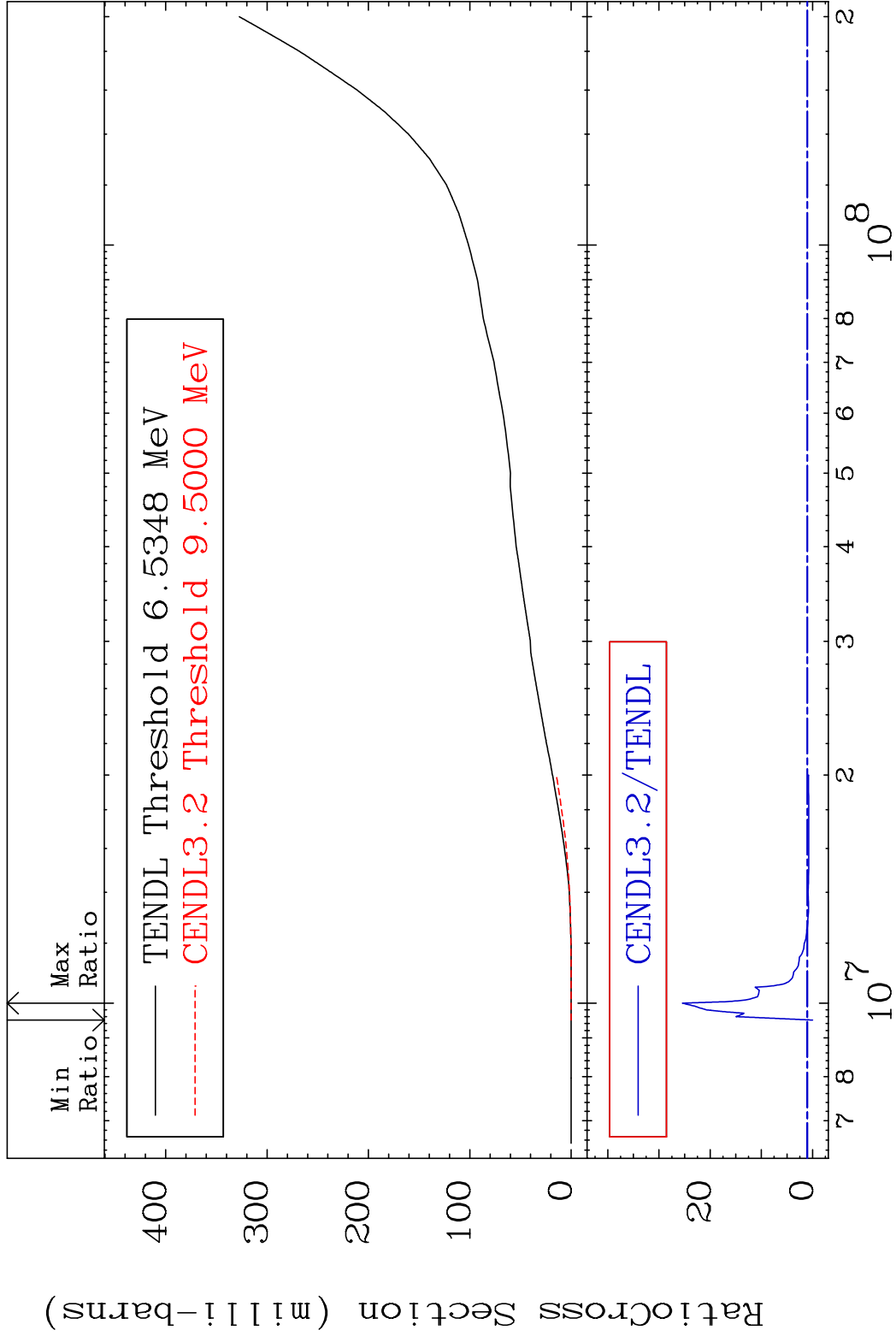


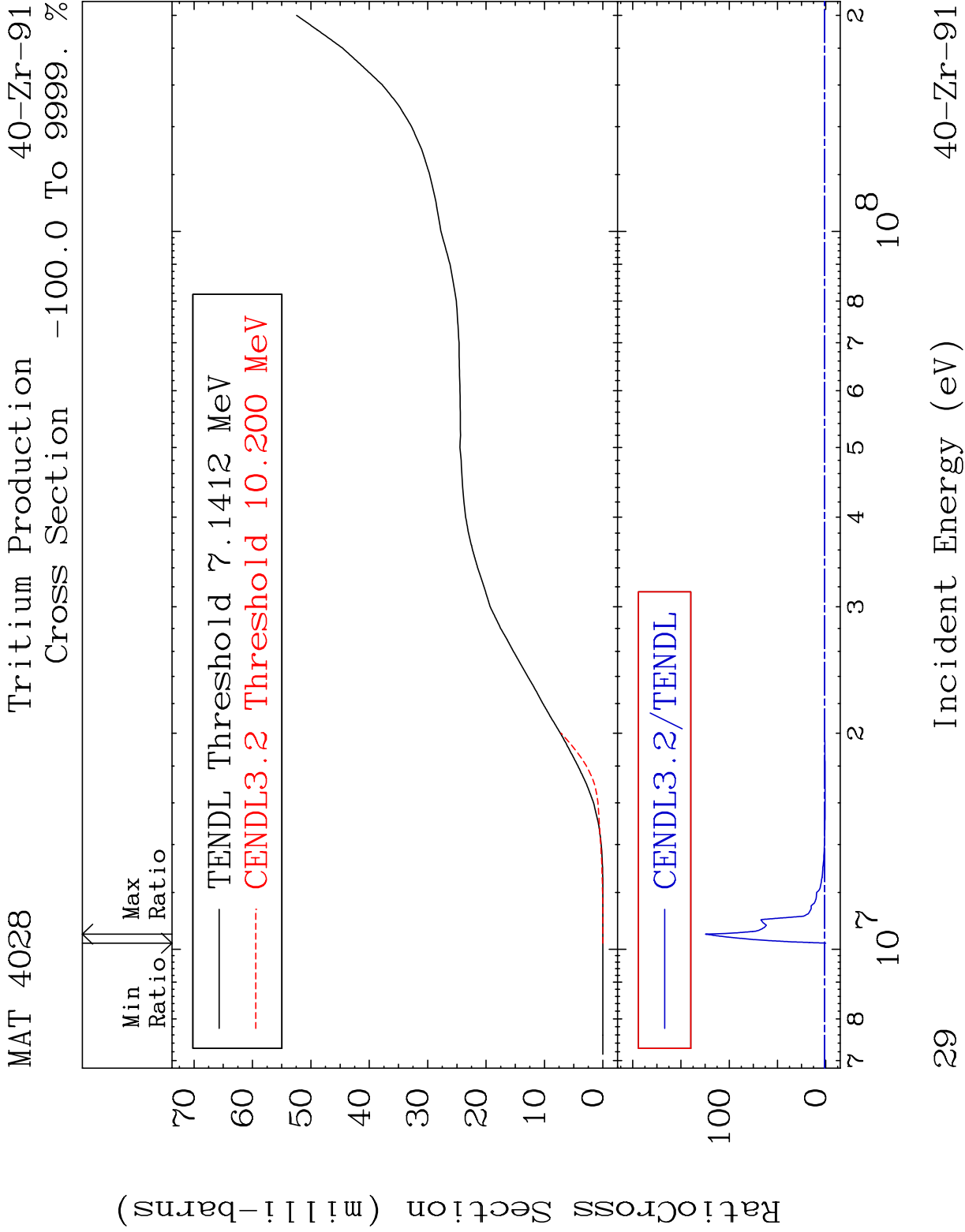


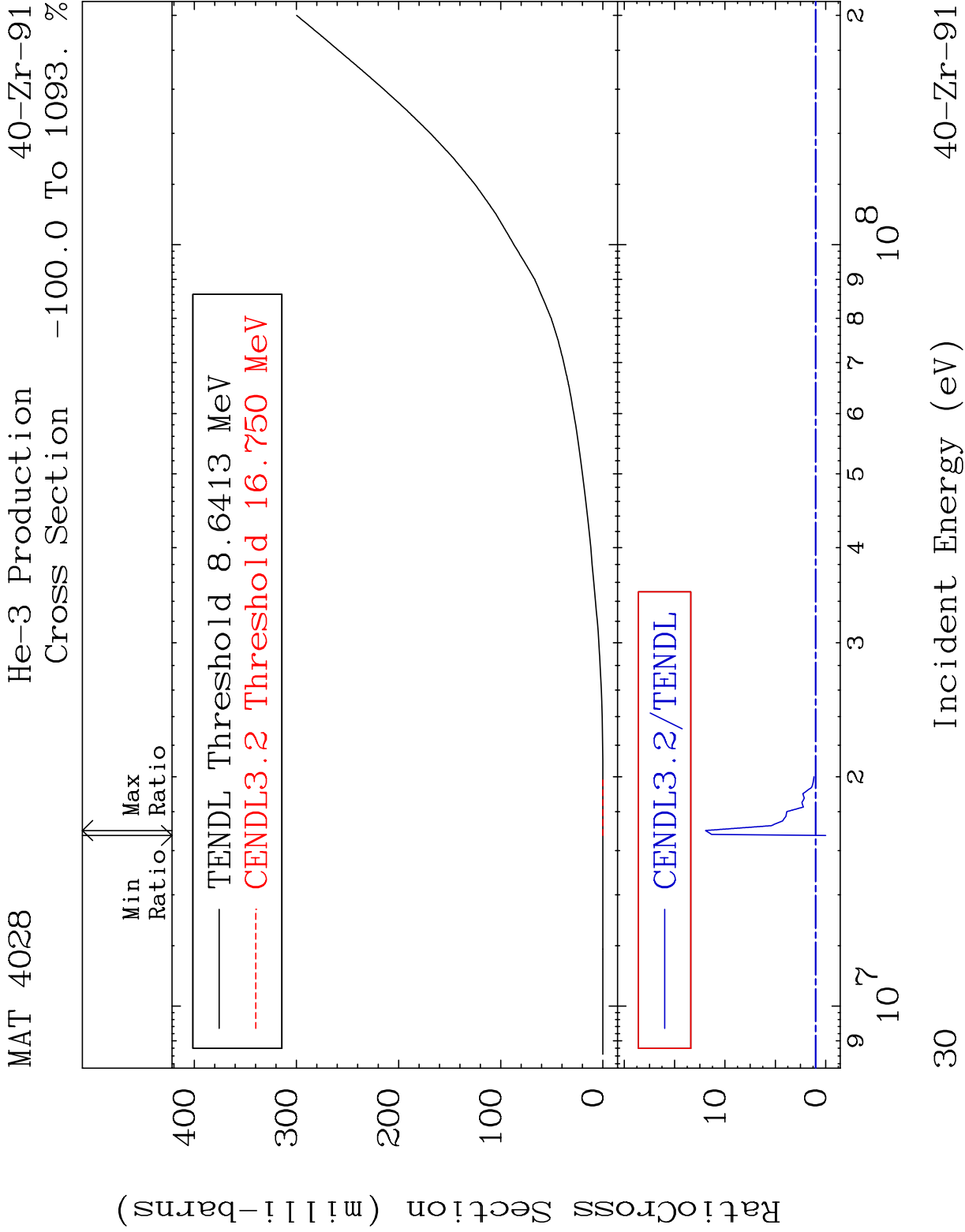


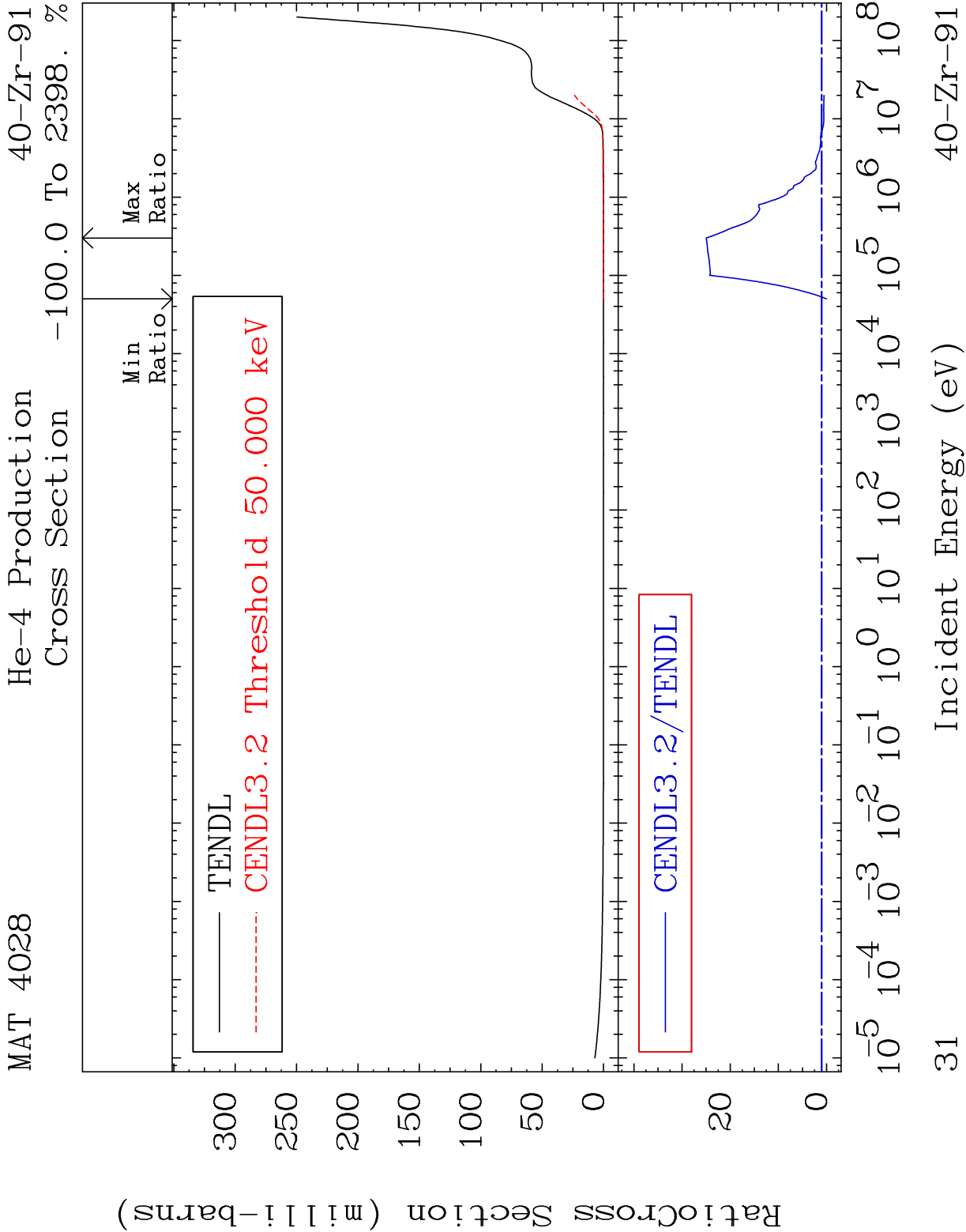


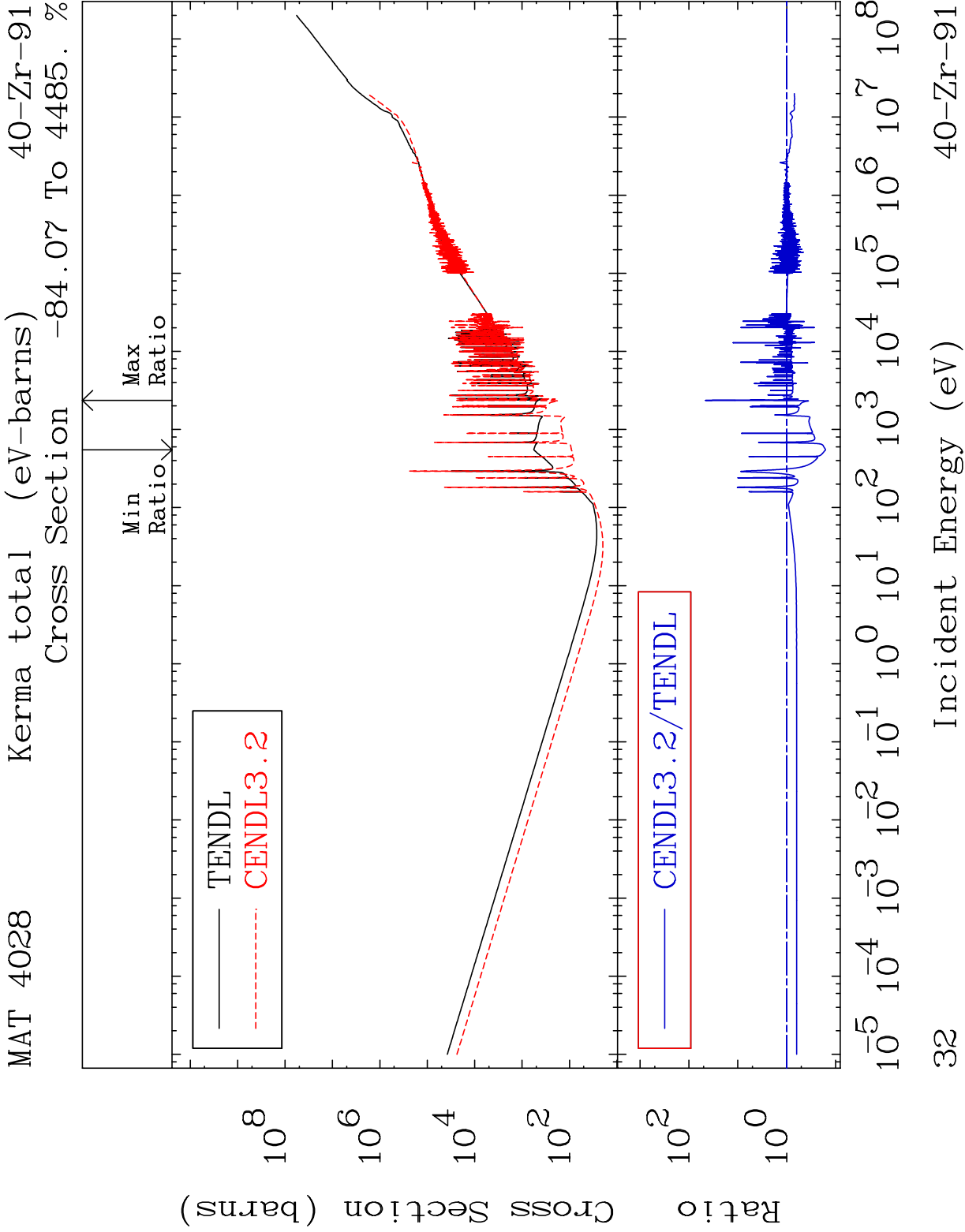


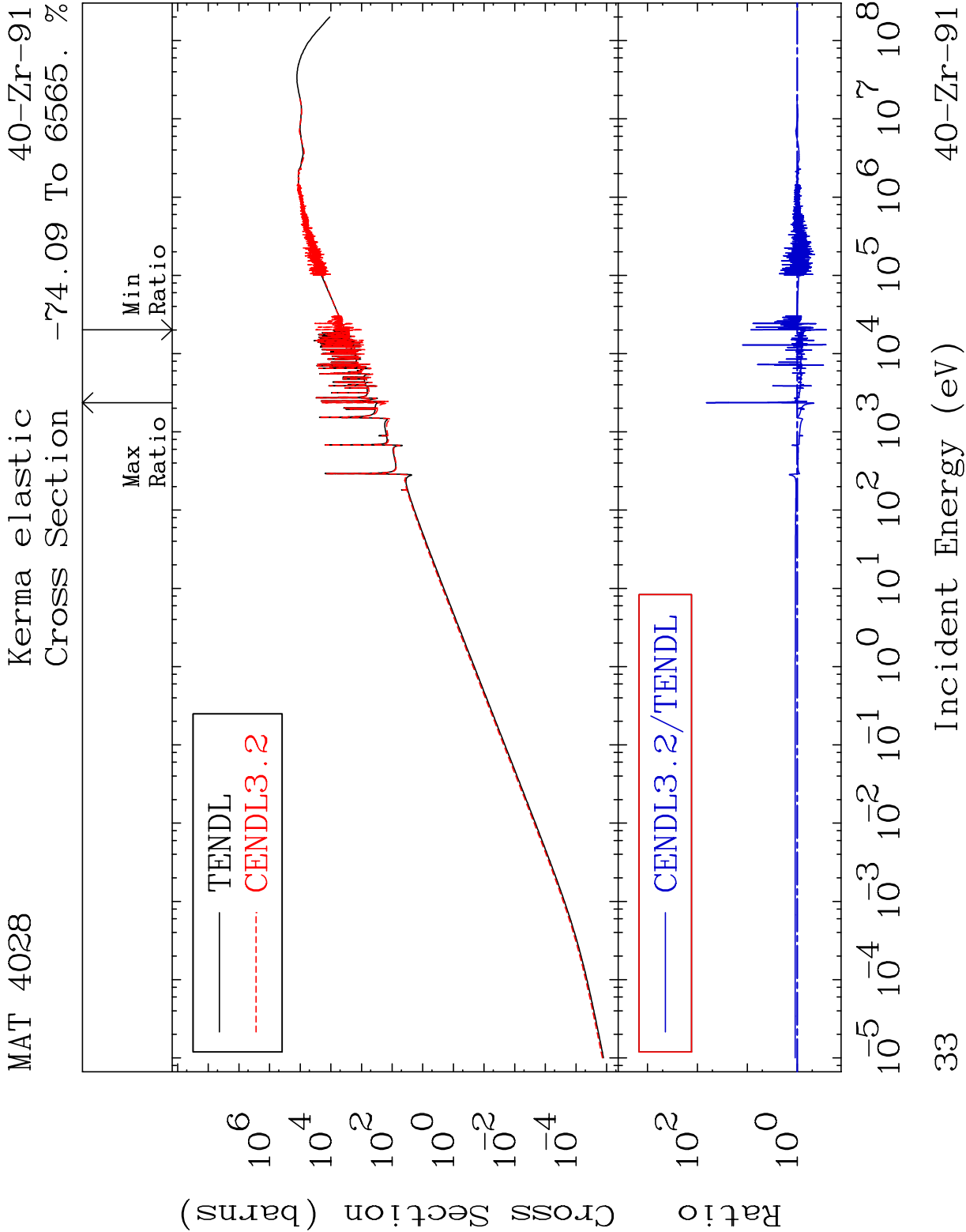






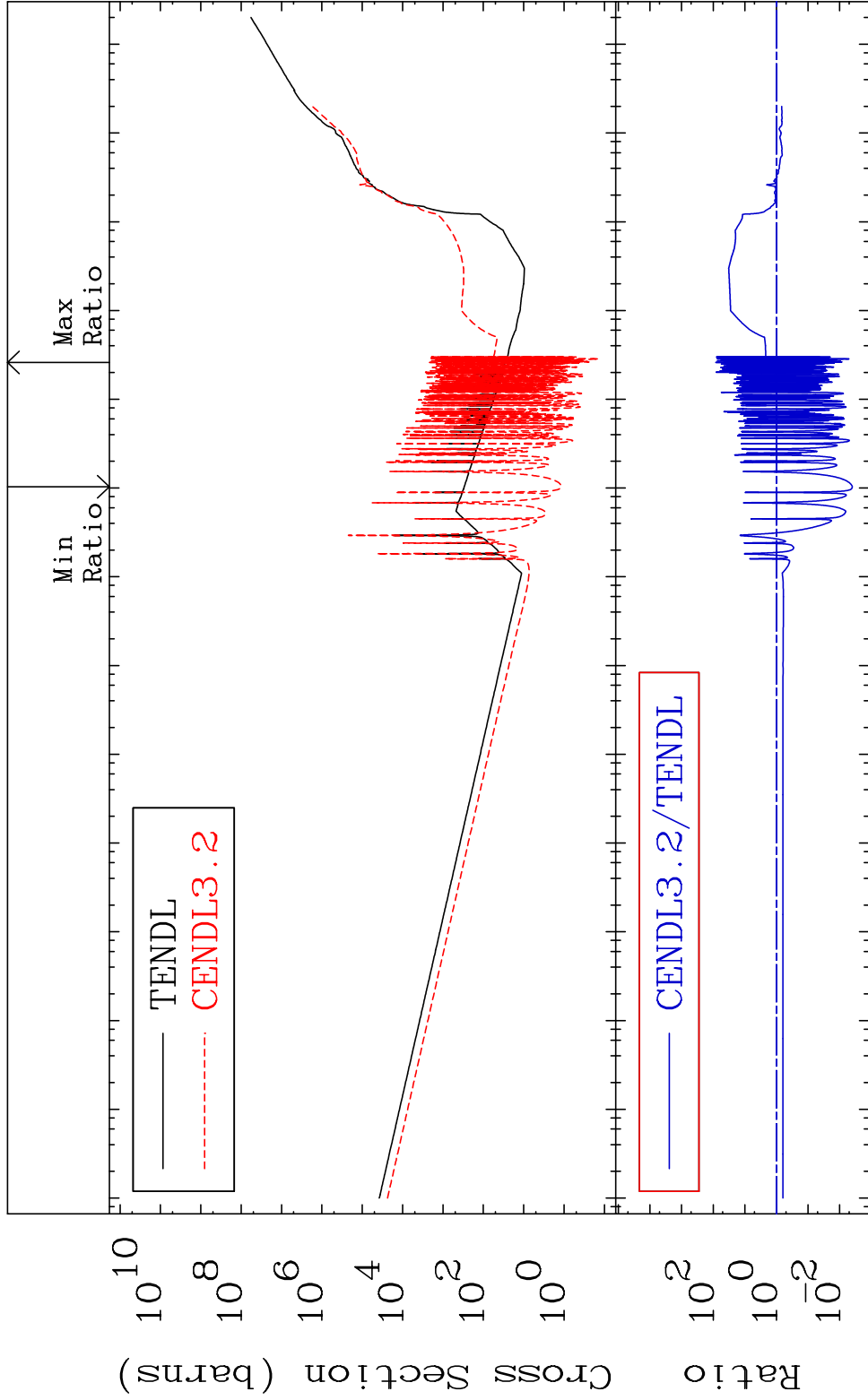






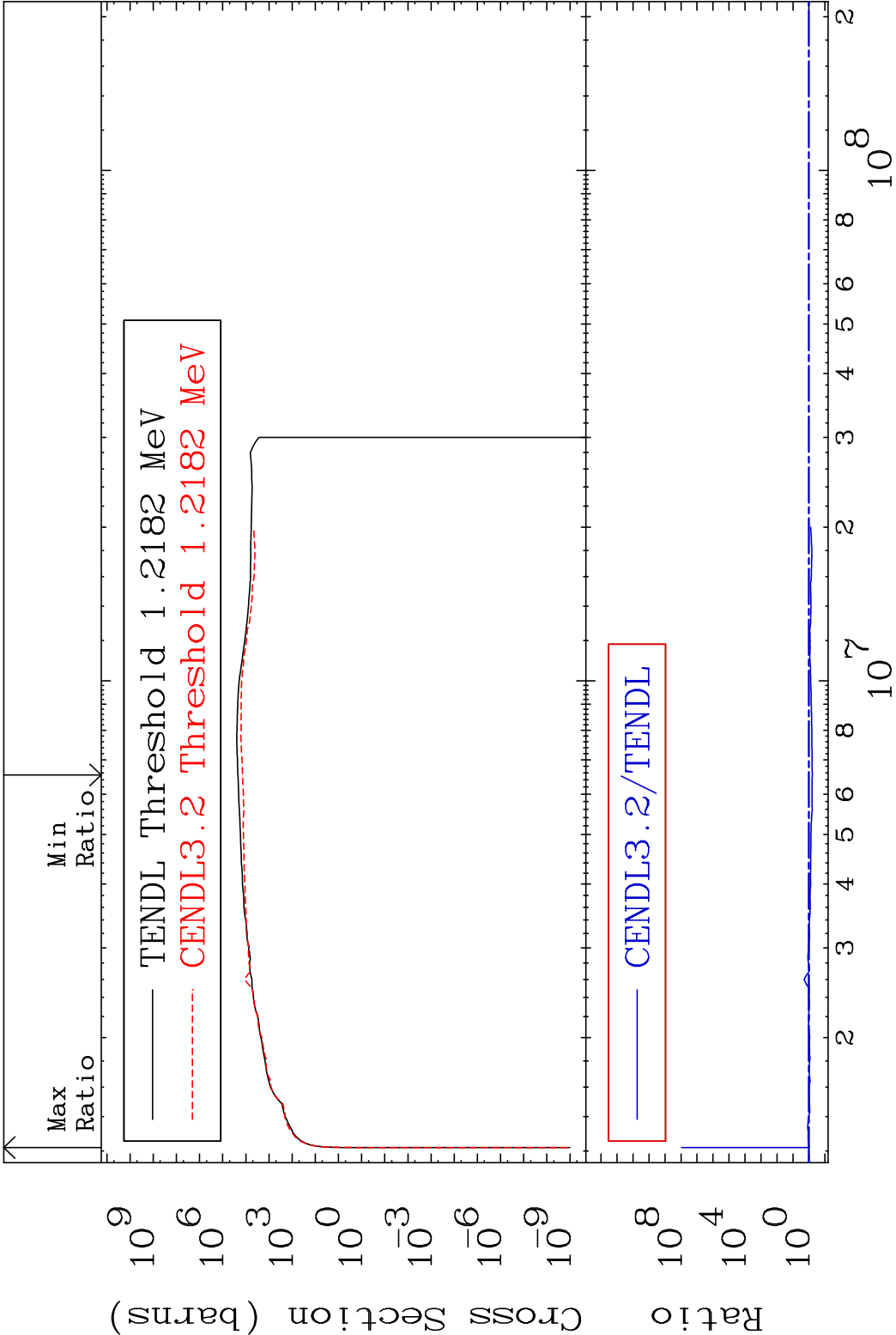
MAT 4028 Kerma non-elastic (all but mt2) 40-Zr-91

Cross Section -99.60 To 8267. %

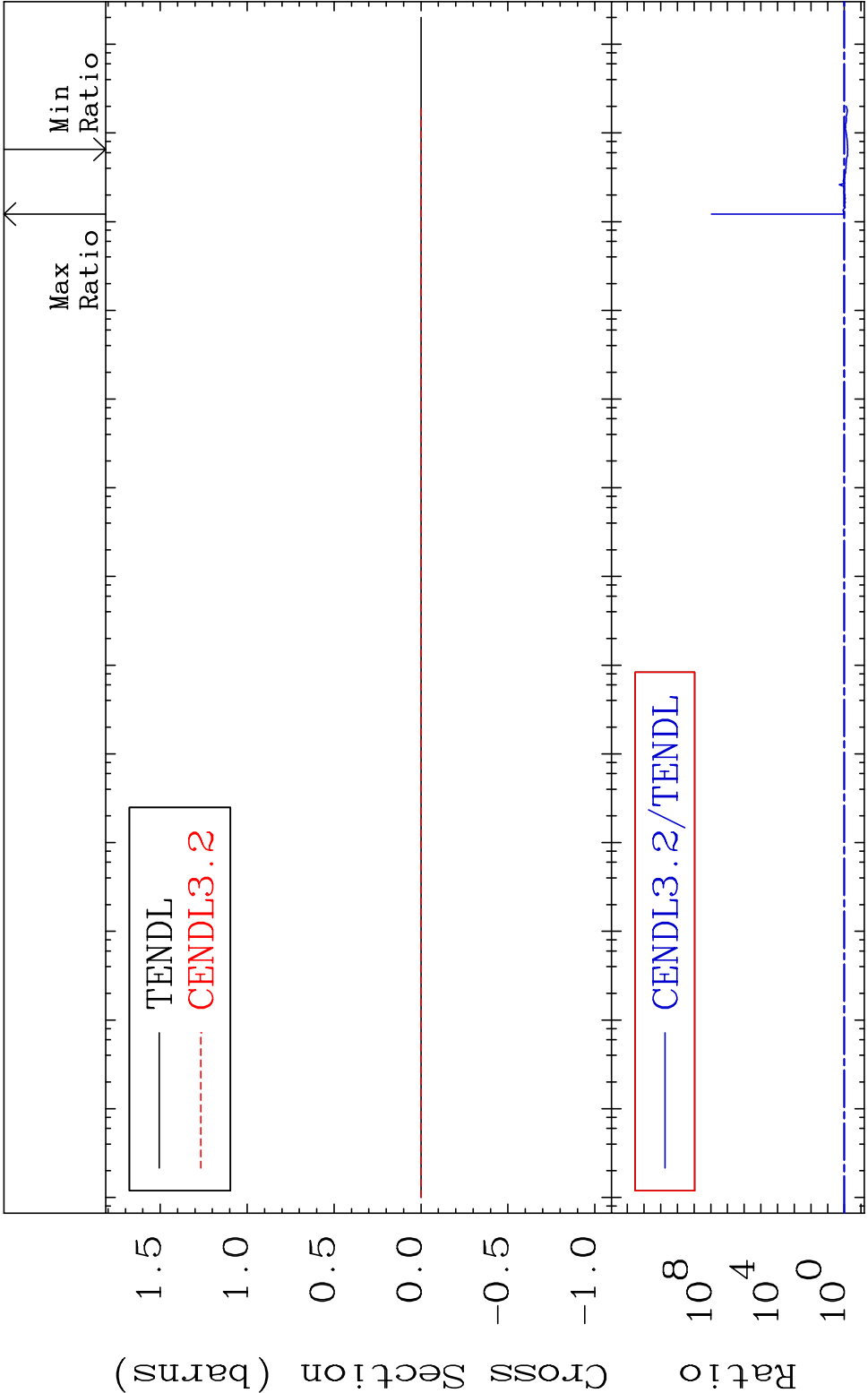


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

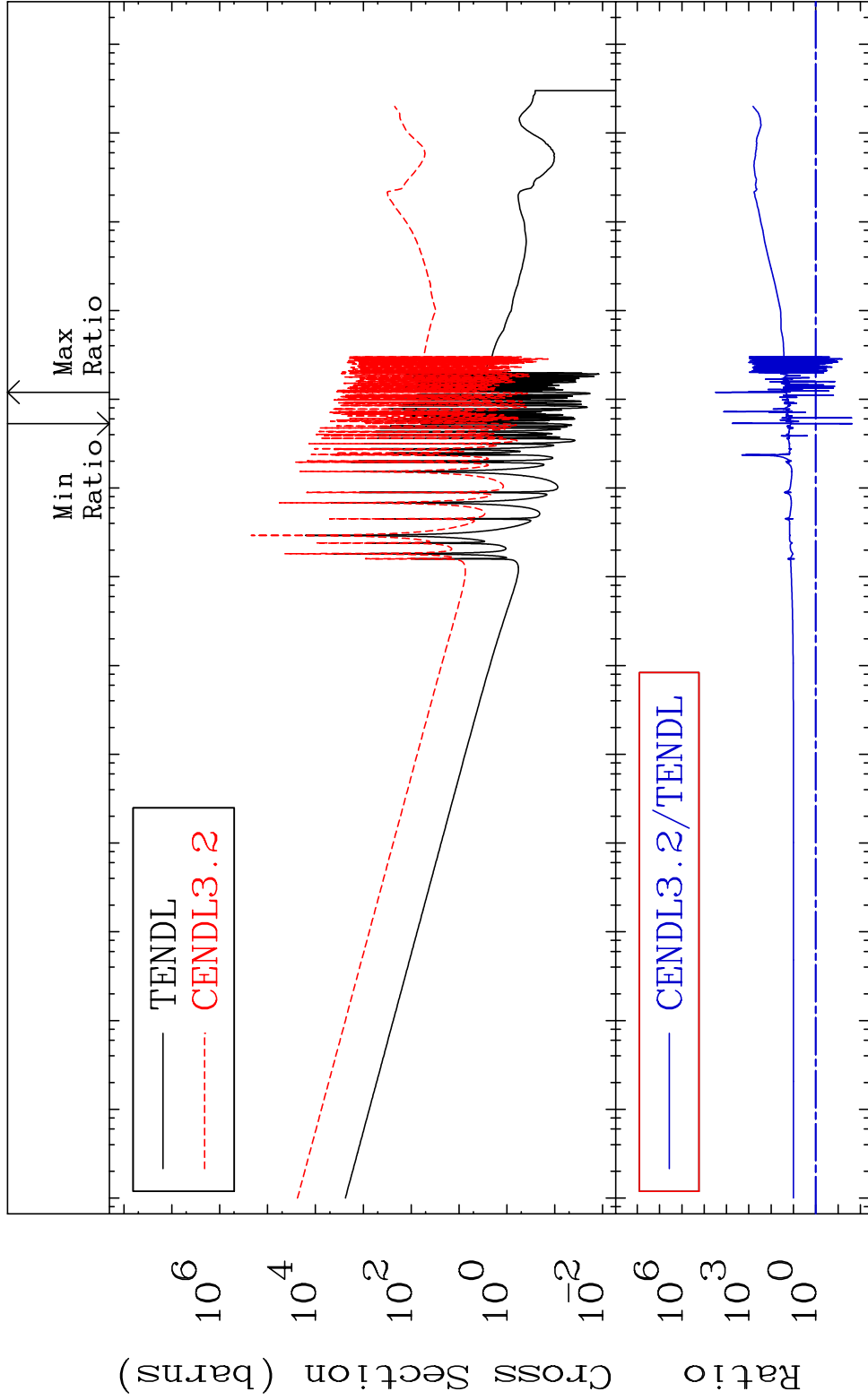
34 Incident Energy (eV) 40-Zr-91



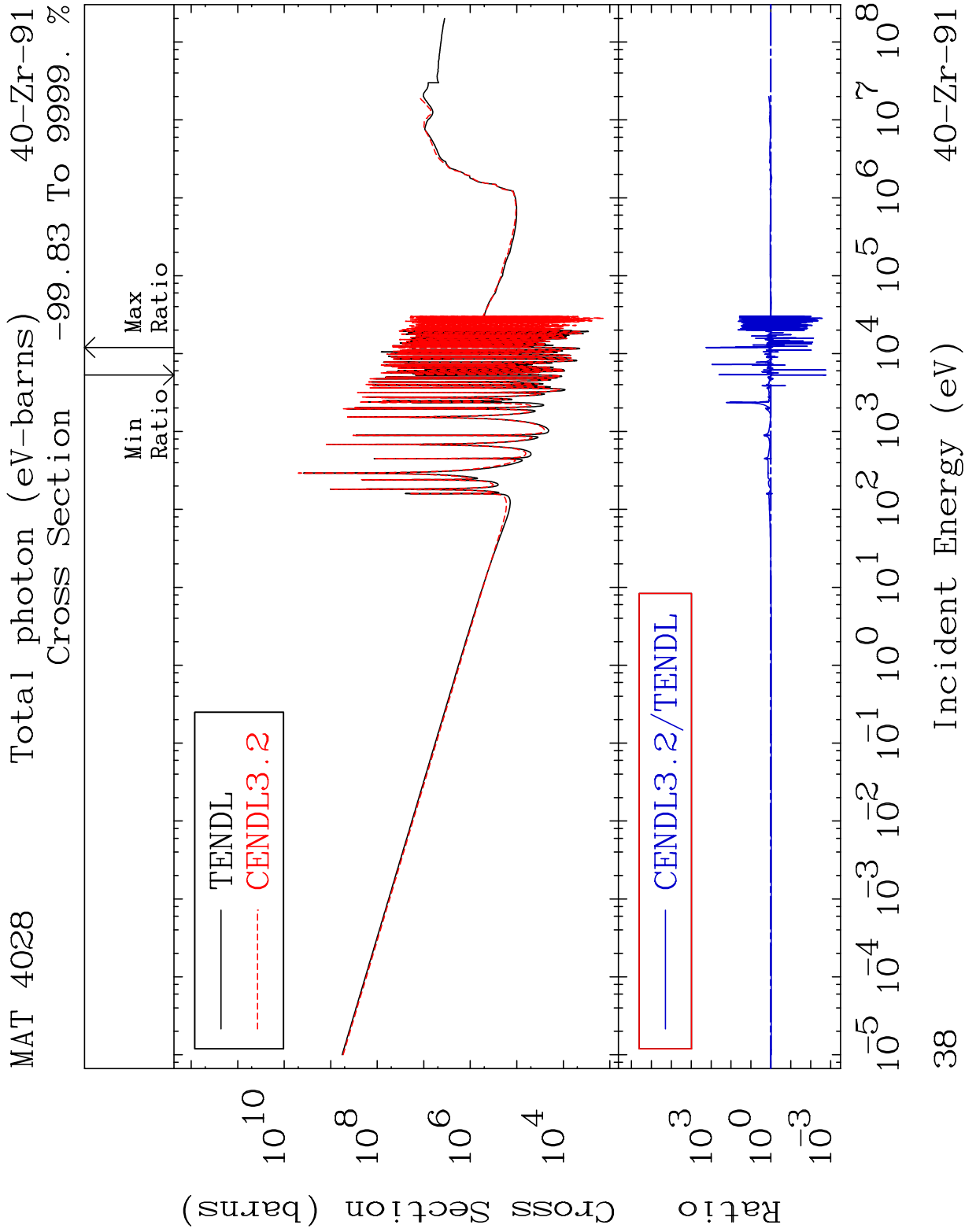
MAT 4028Kerma fission (mt18 or mt19-20-21-38) 40-Zr-91
Cross Section -37.79 To 9999. %



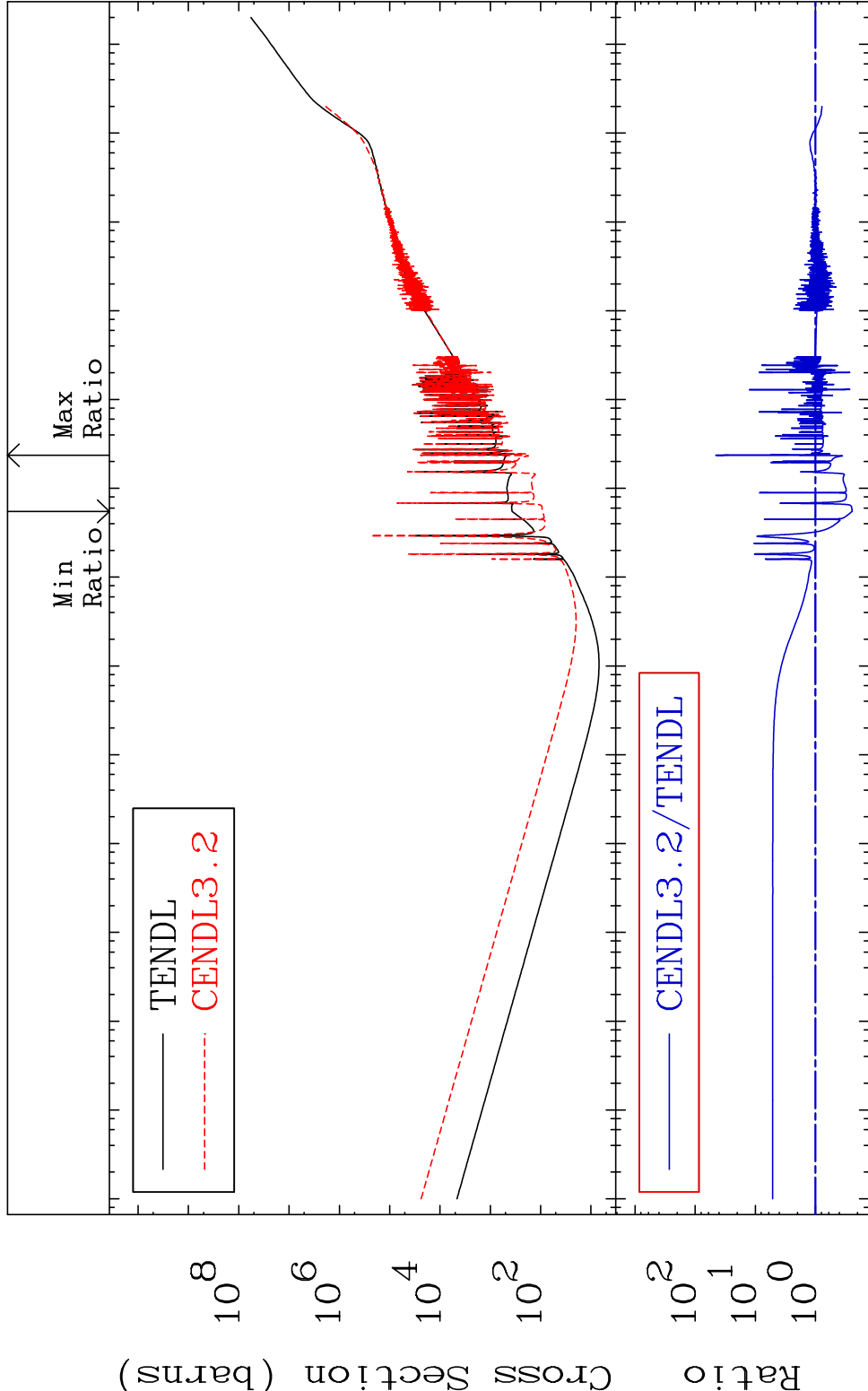
MAT 4028 Kerma capture (mt102) 40-Zr-91
Cross Section -97.69 To 9999. %

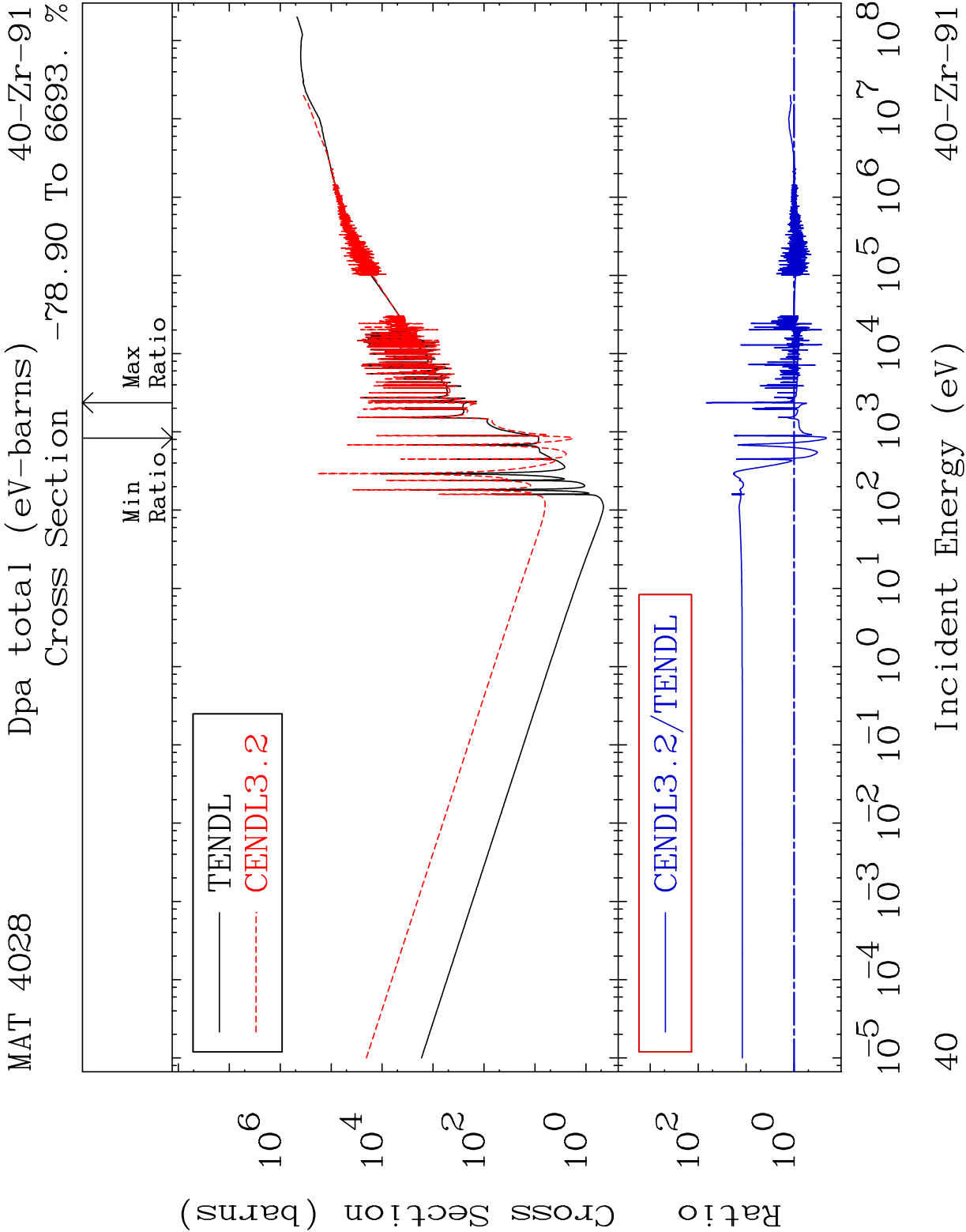


37 Incident Energy (eV) 40-Zr-91

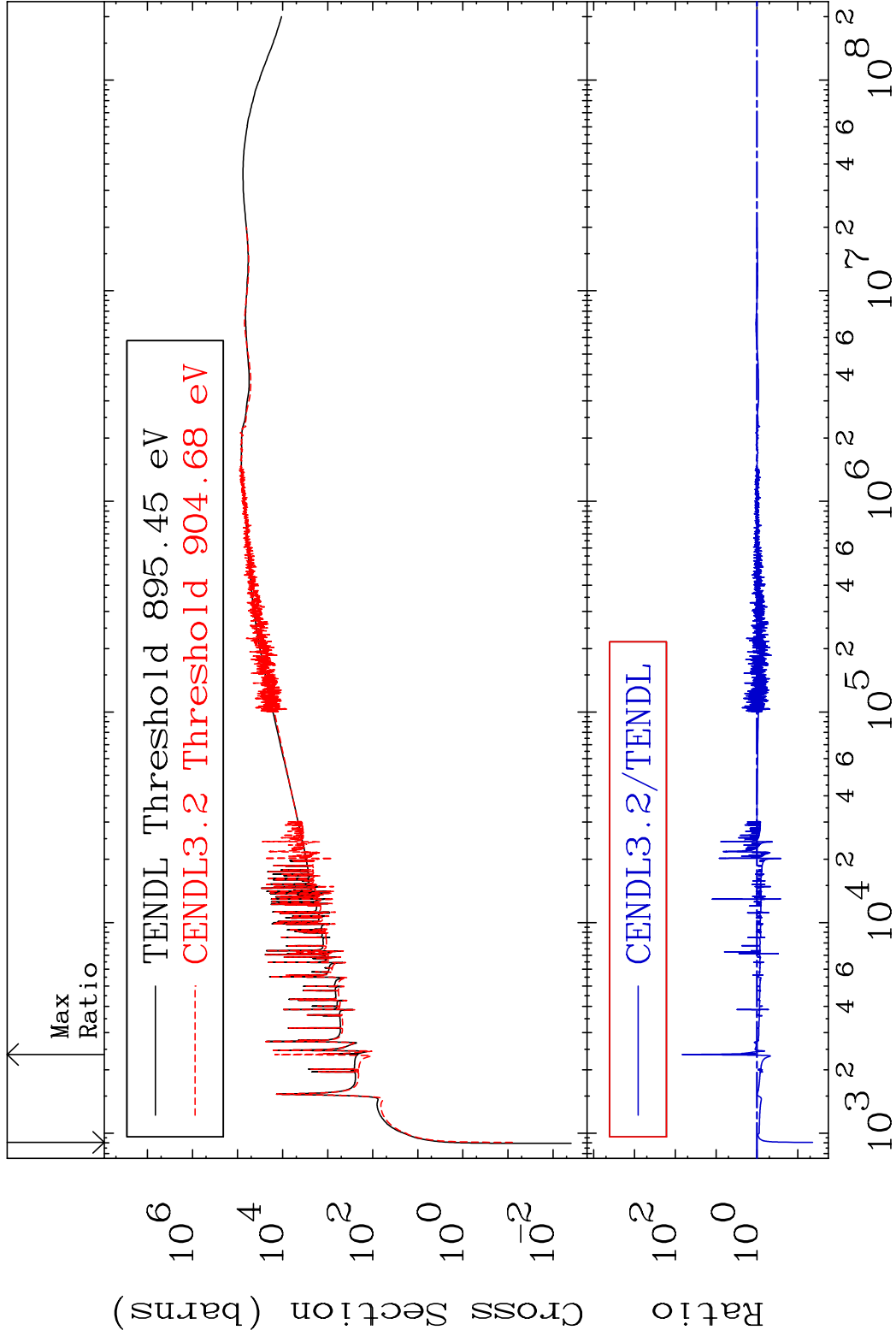


MAT 4028 Total kinematic kerma (high limit) 40-Zr-91
Cross Section -75.46 To 4472. %

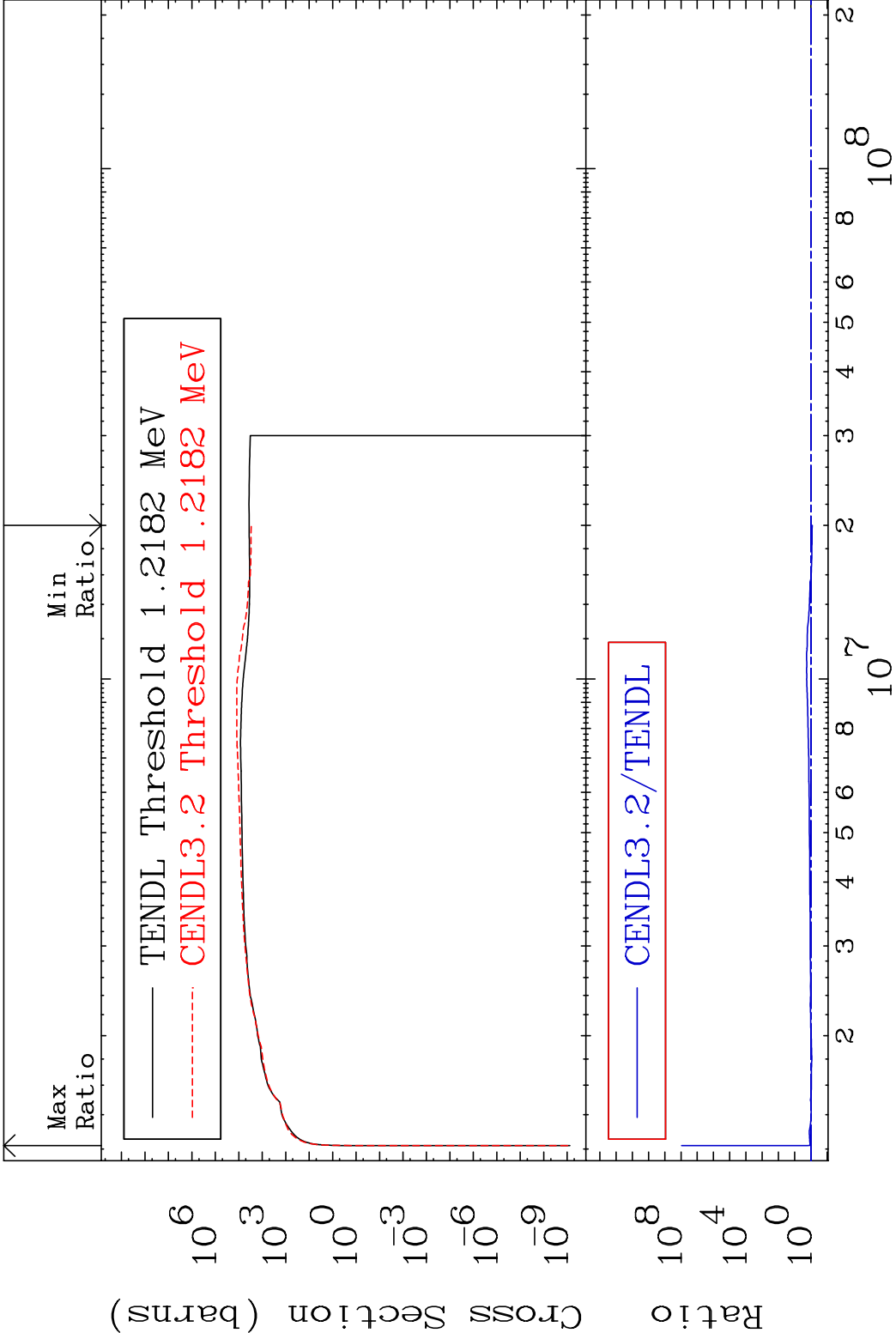




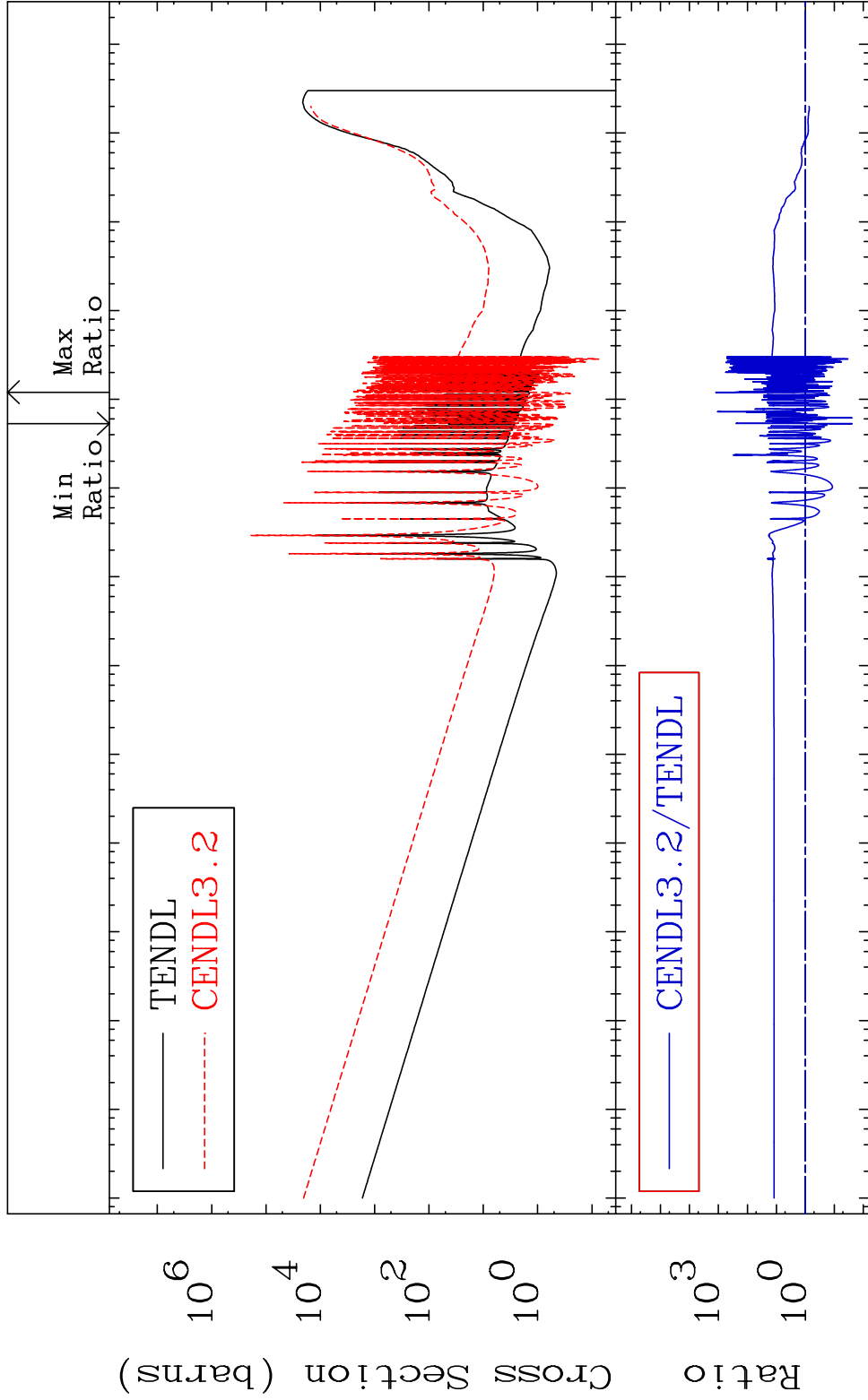
MAT 4028 Dpa elastic (mt2) 40-Zr-91
Cross Section -95.63 To 6637. %



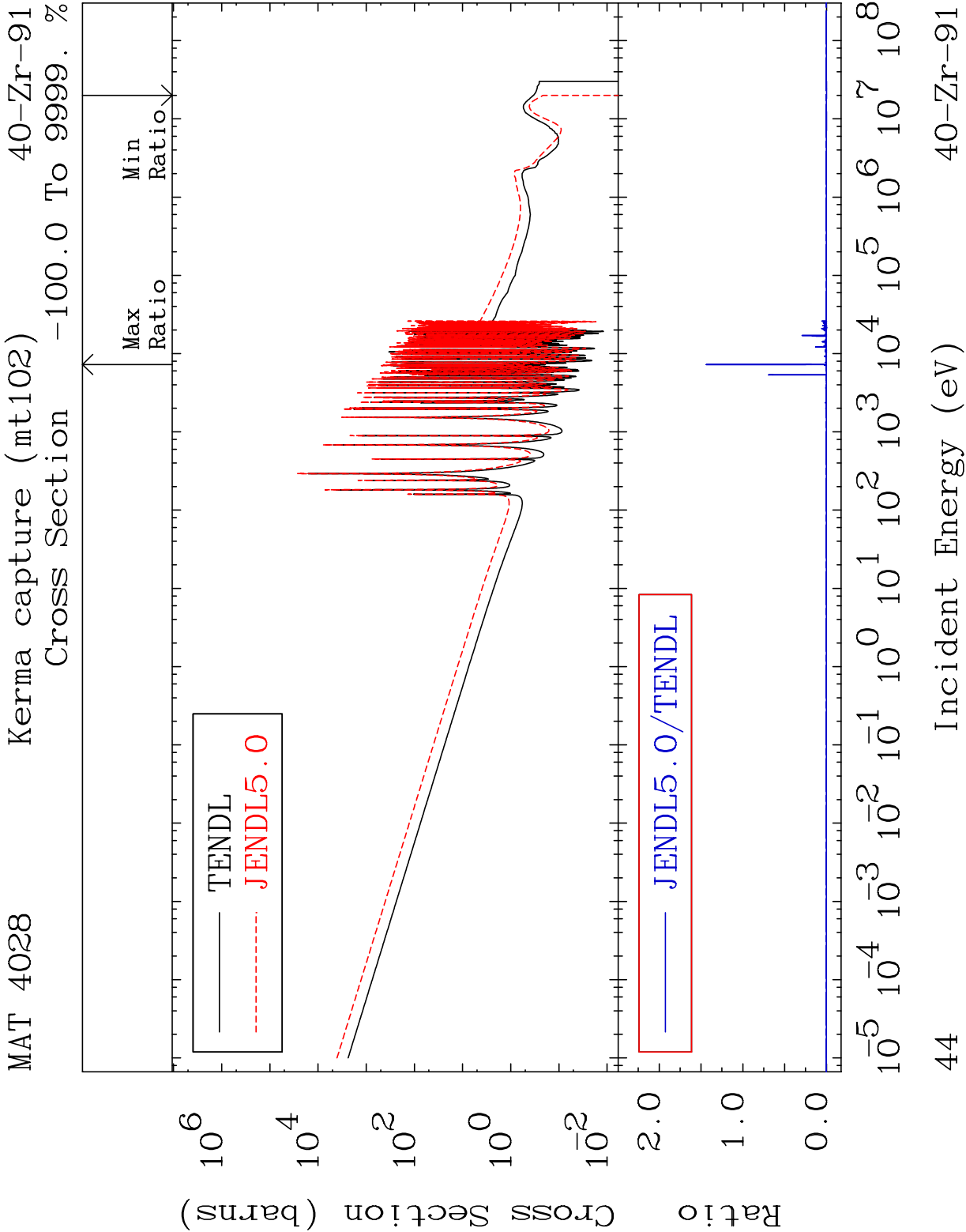
41 Incident Energy (eV) 40-Zr-91

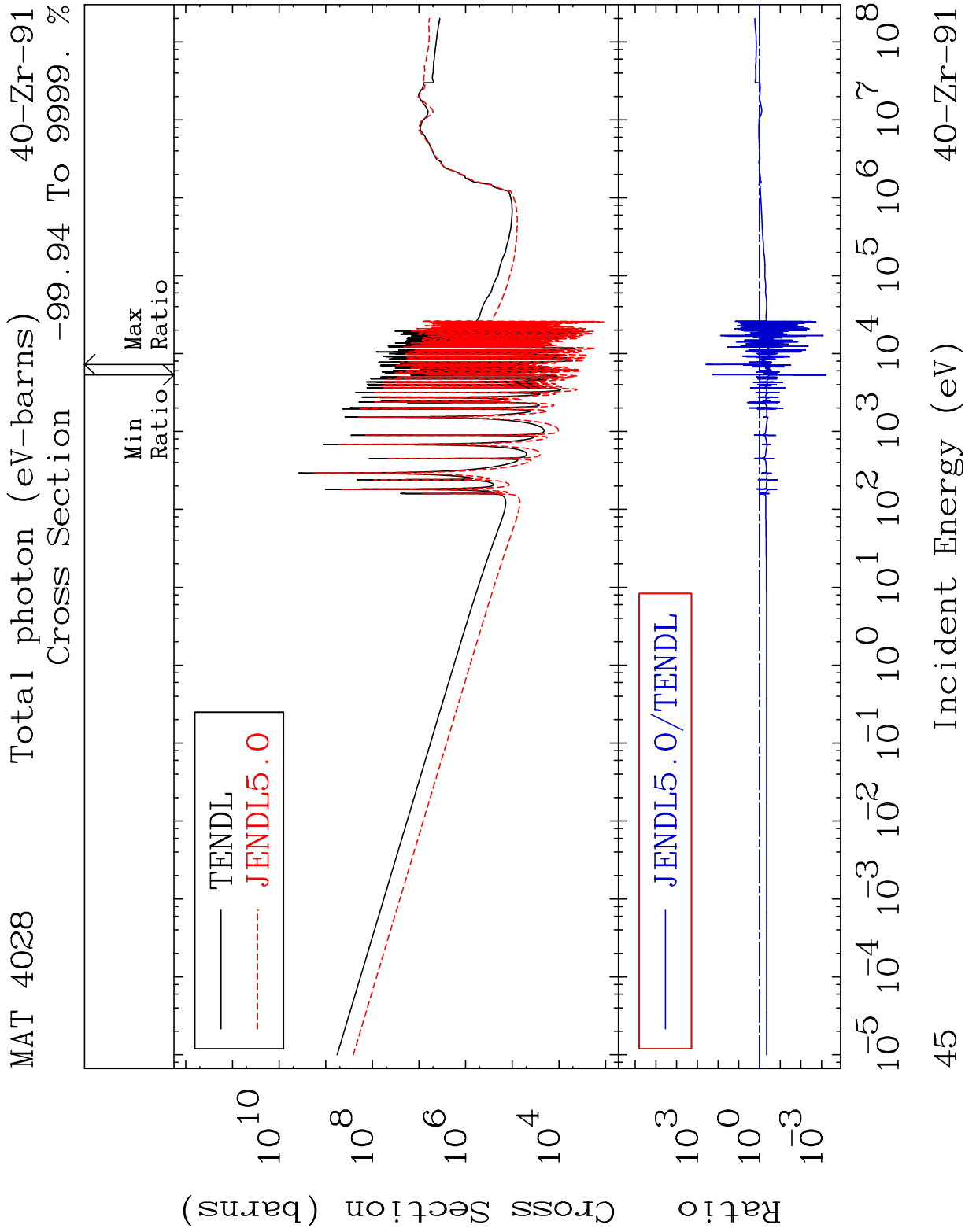


MAT 4028 Dpa disappearance (mt102 -120) 40-Zr-91
Cross Section -97.59 To 9999. %

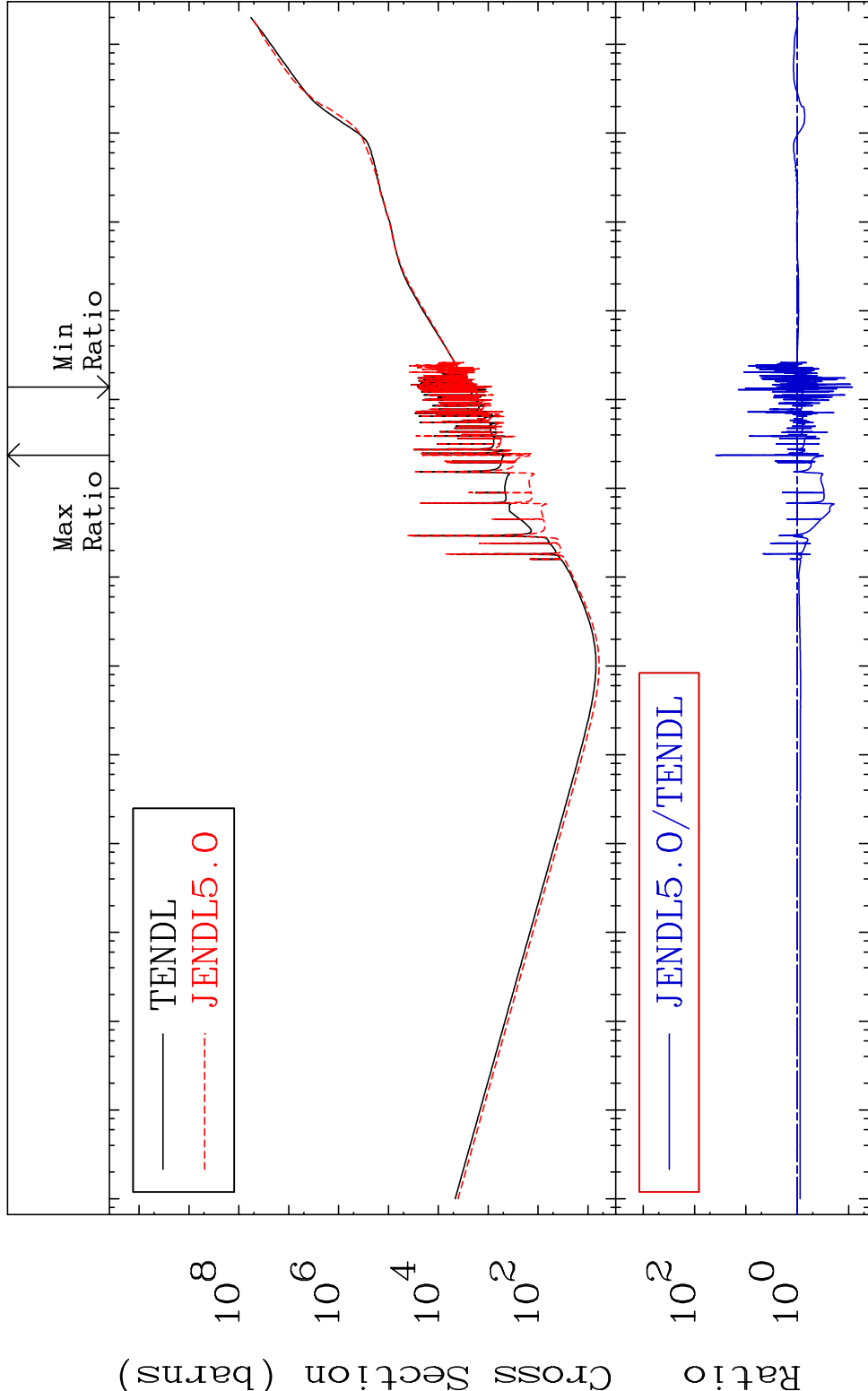


43 Incident Energy (eV) 40-Zr-91





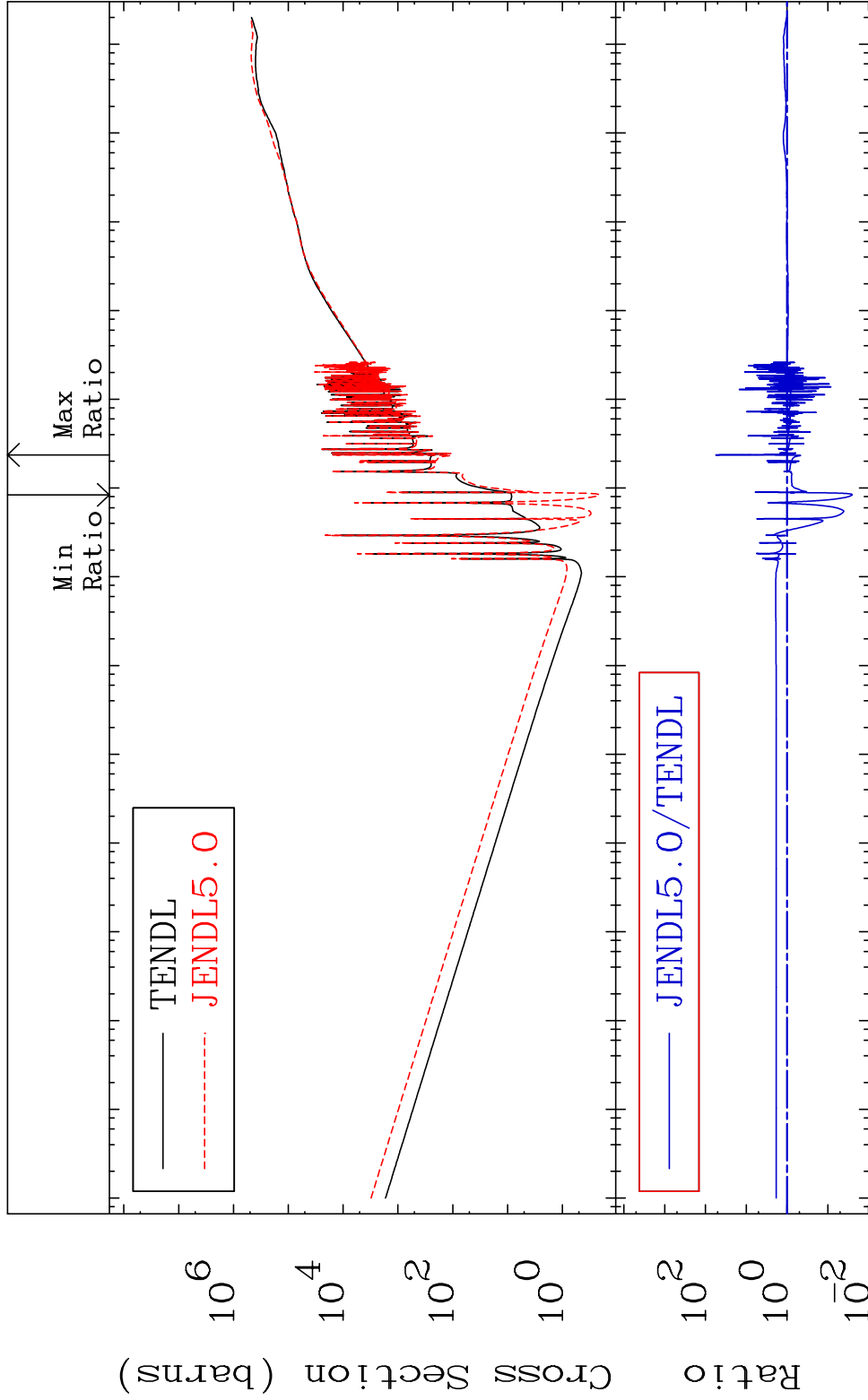
MAT 4028 Total kinematic kerma (high limit) 40-Zr-91
Cross Section -91.51 To 3784. %



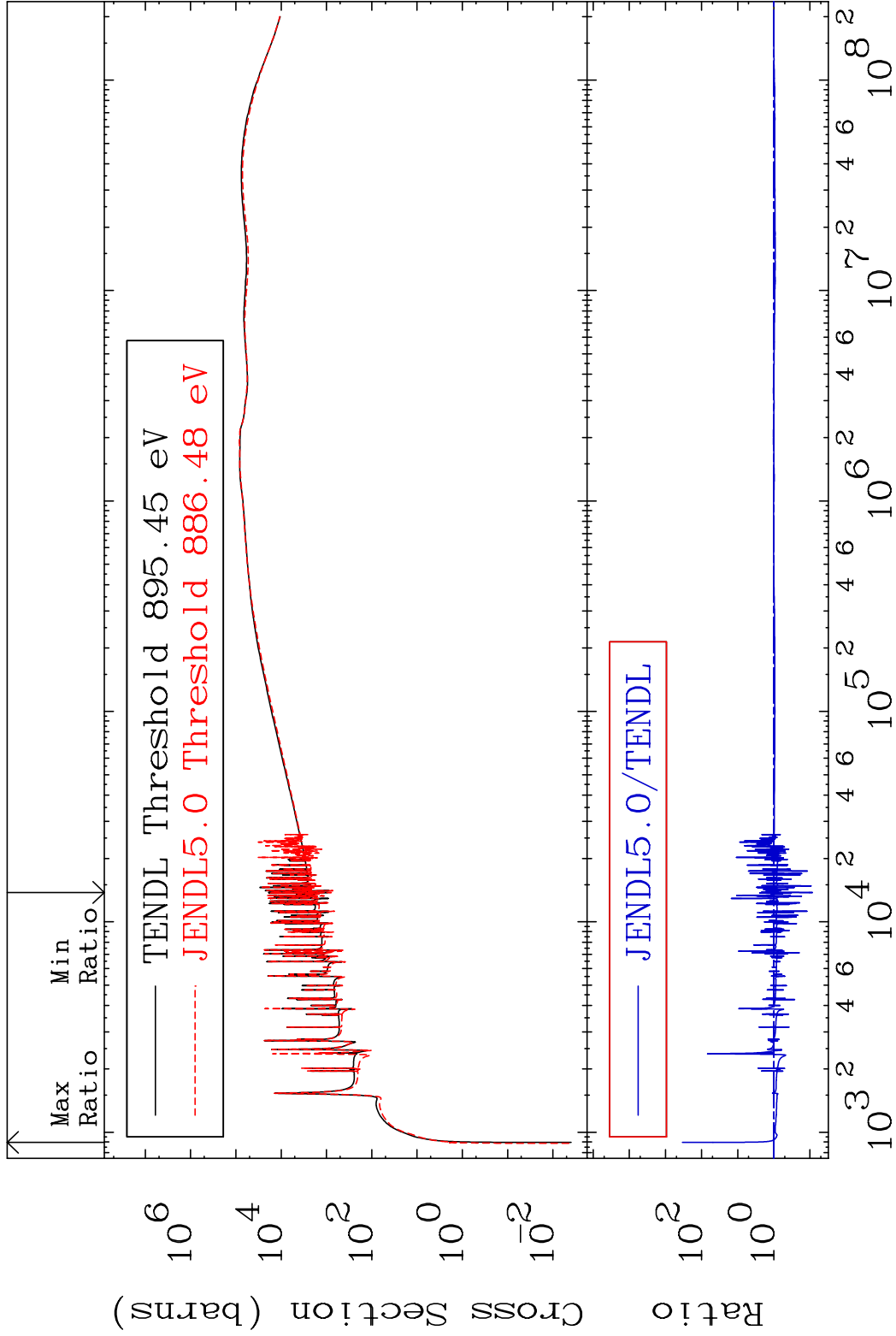
Ratio
Cross Section (barns)
Incident Energy (eV)

46 40-Zr-91

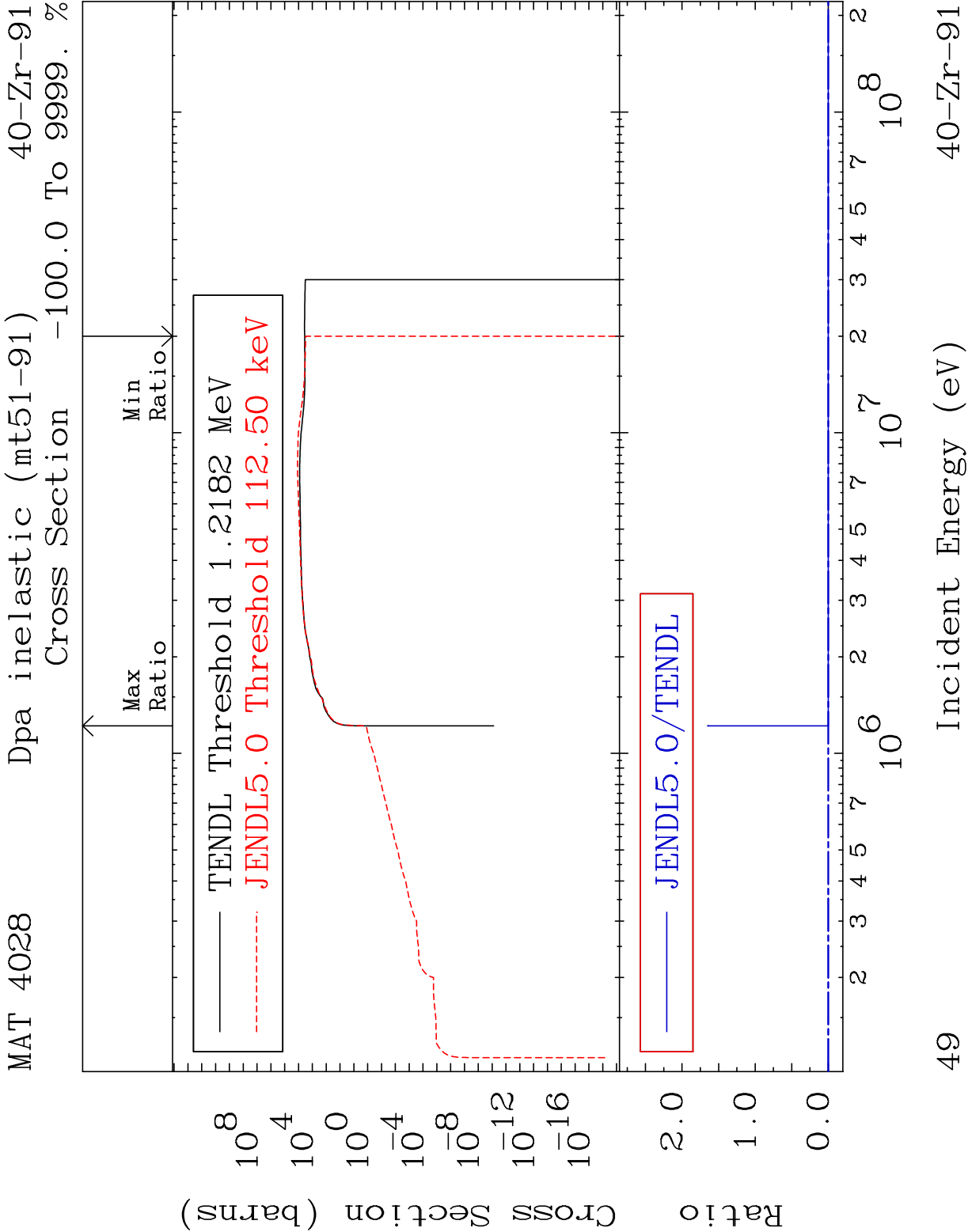
MAT 4028 Dpa total (eV-barns) 40-Zr-91
Cross Section -97.48 To 5516. %



MAT 4028 Dpa elastic (mt2) 40-Zr-91
Cross Section -91.54 To 9999. %

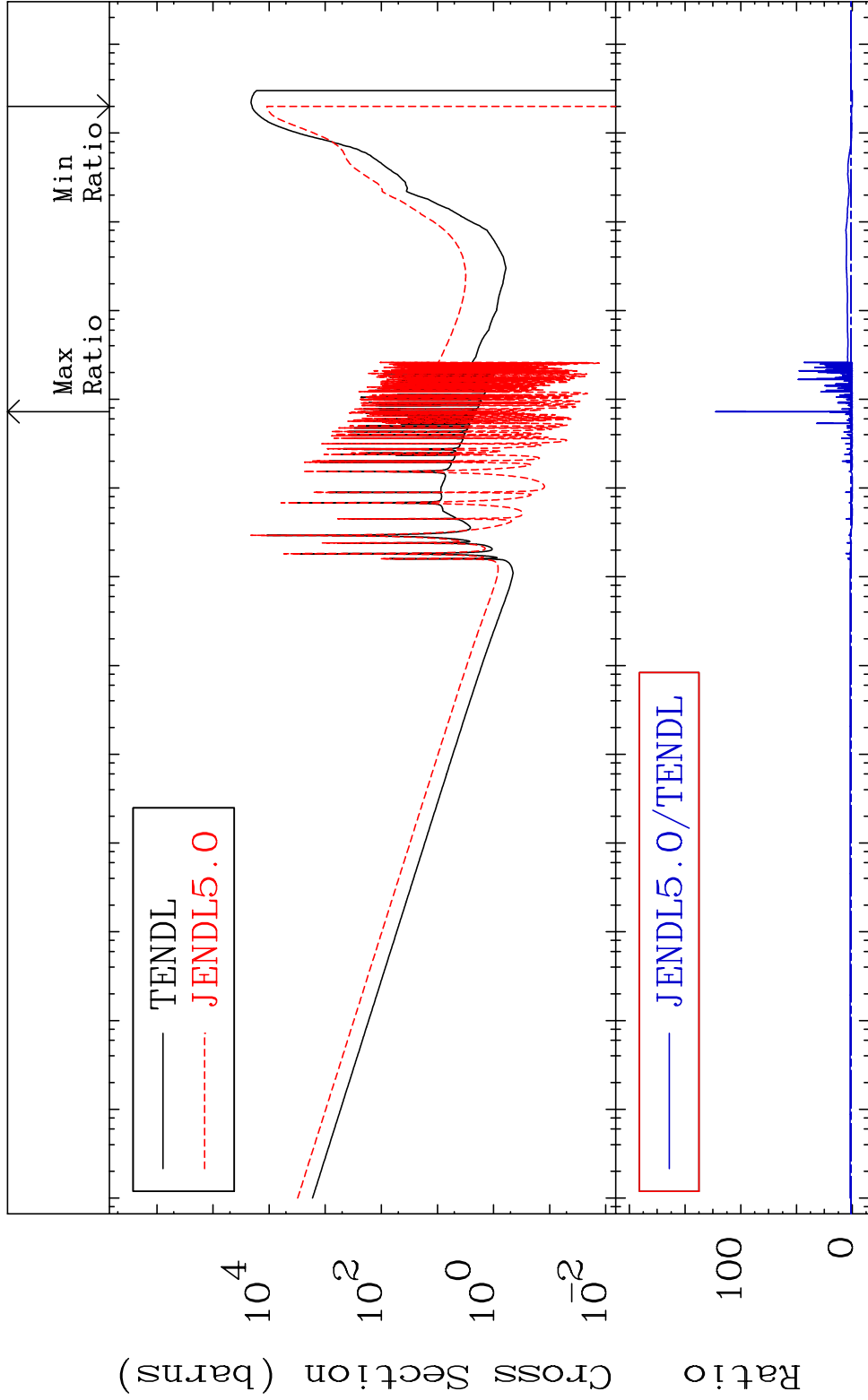


48 Incident Energy (eV) 40-Zr-91

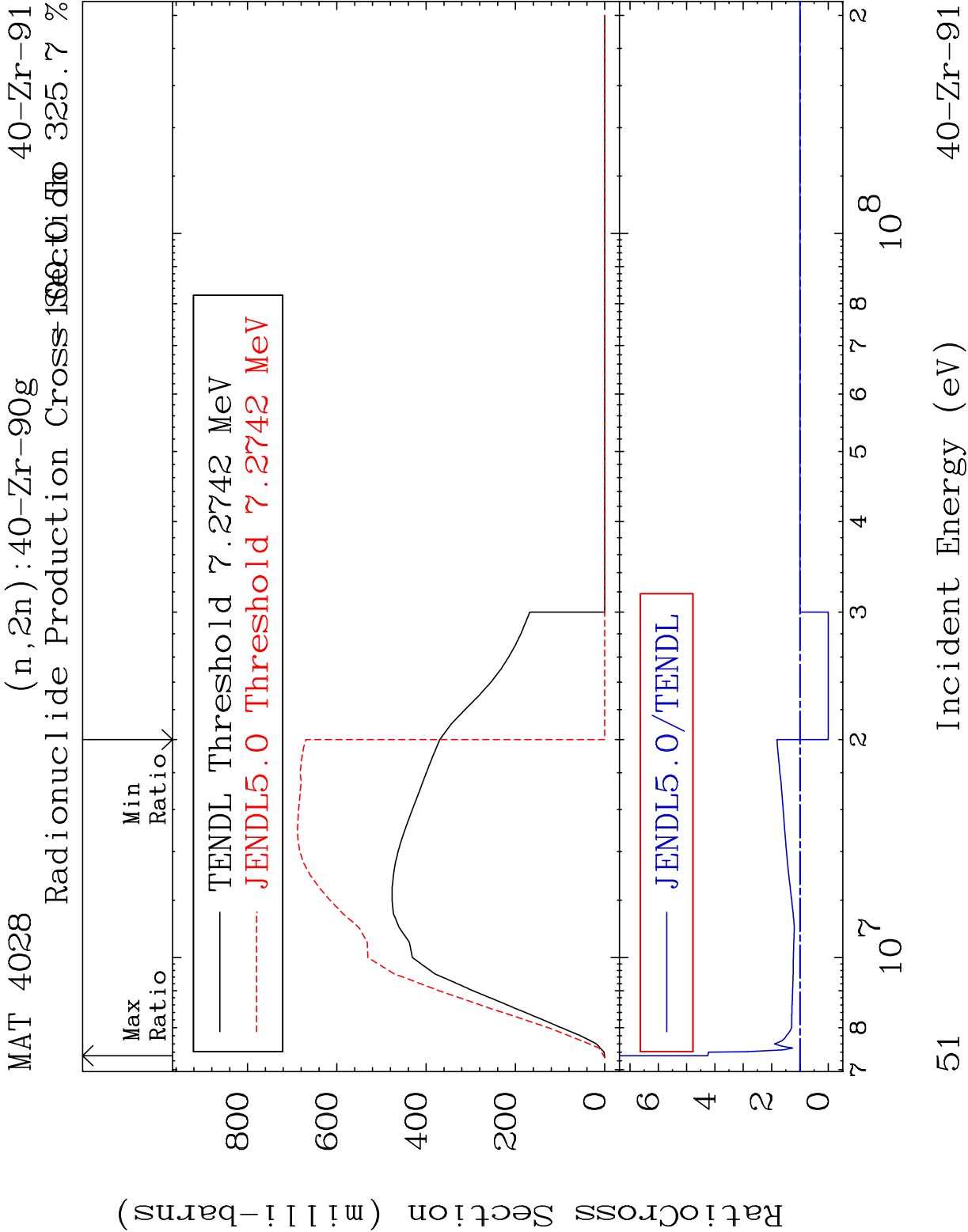


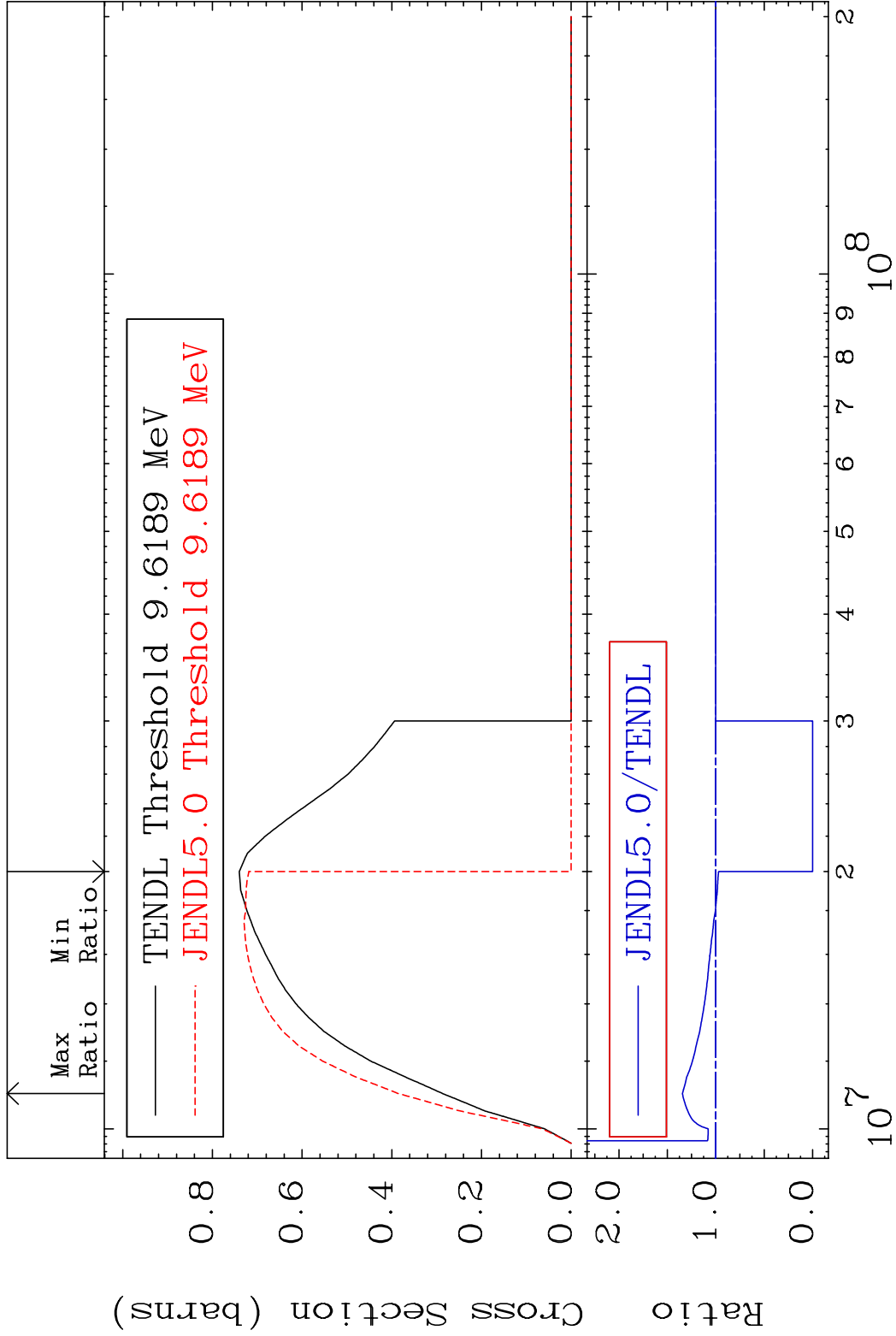
MAT 4028 Dpa disappearance (mt102 -120) 40-Zr-91

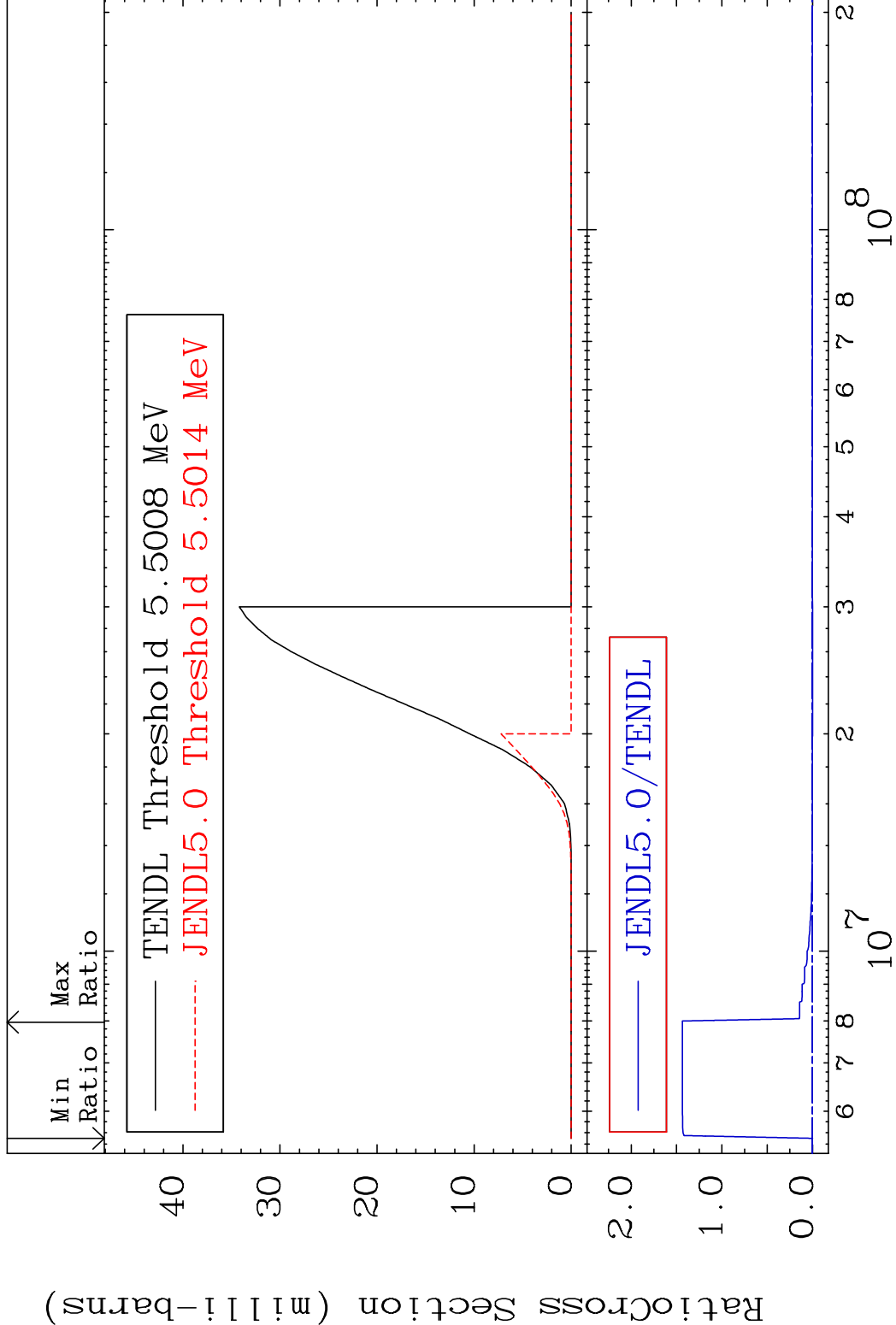
Cross Section -100.0 To 9999. %

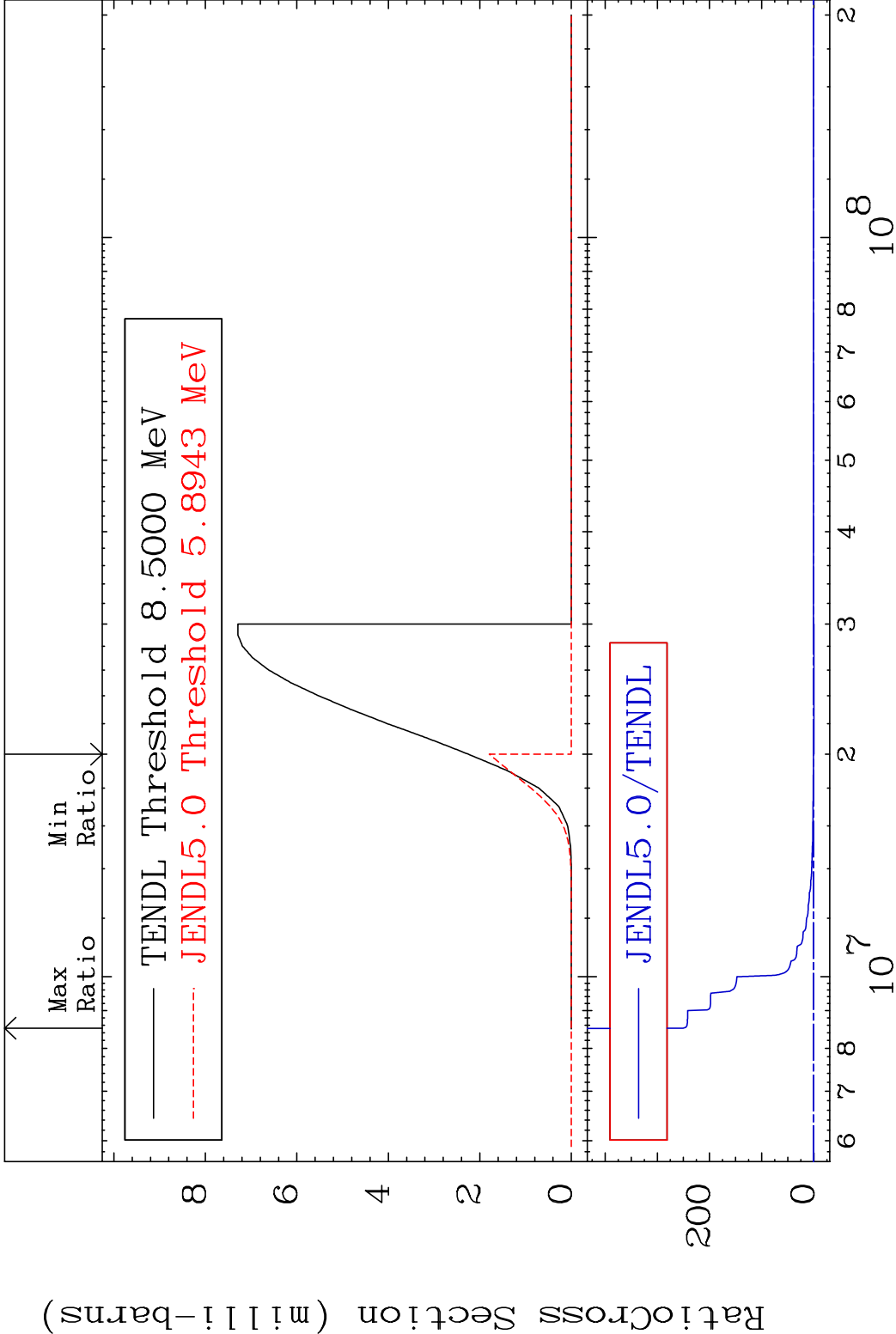


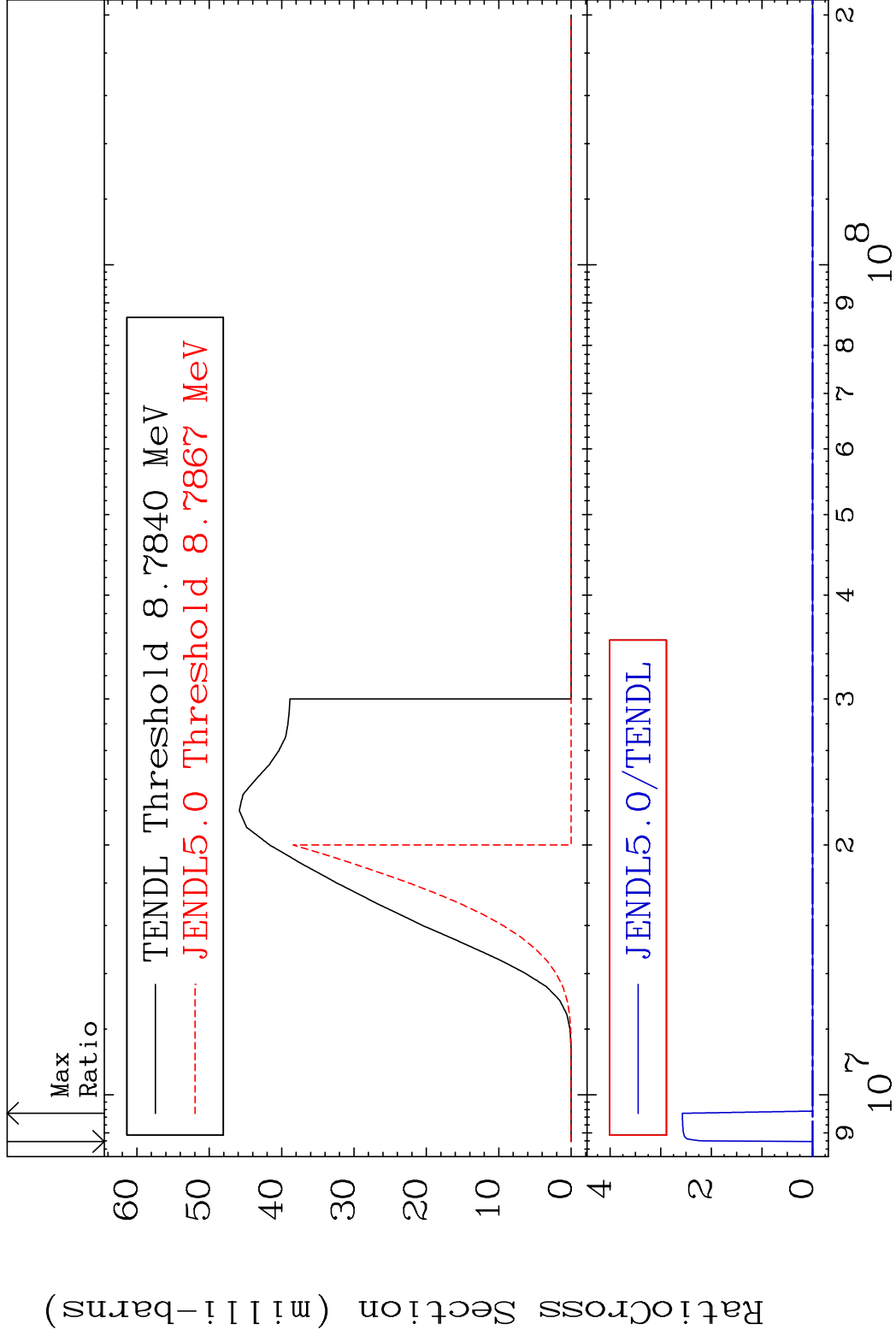
50 Incident Energy (eV) 40-Zr-91

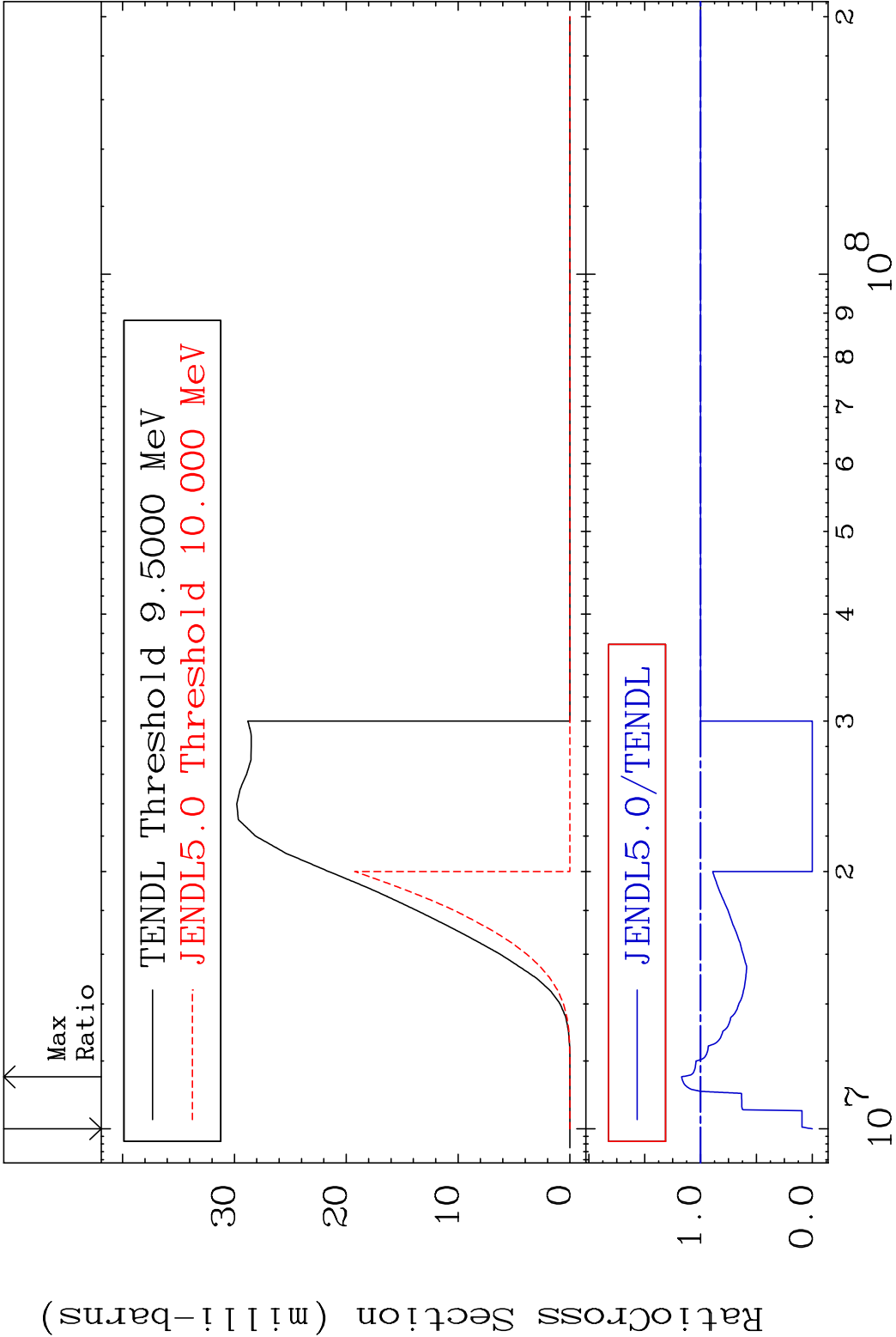












Radionuclide Production Cross-Section 1999. %

