

Program Complot
(Version 2021-1)

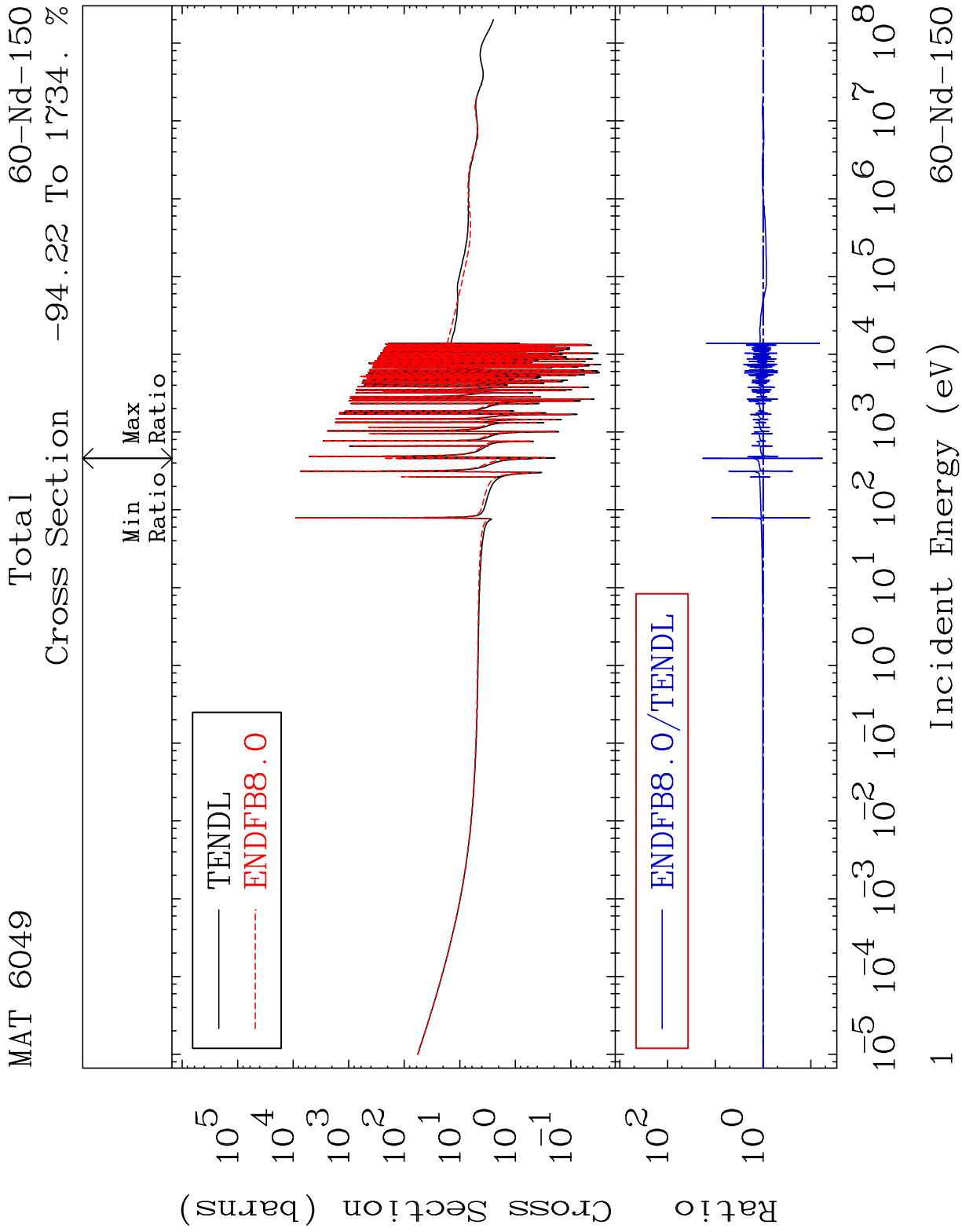
by

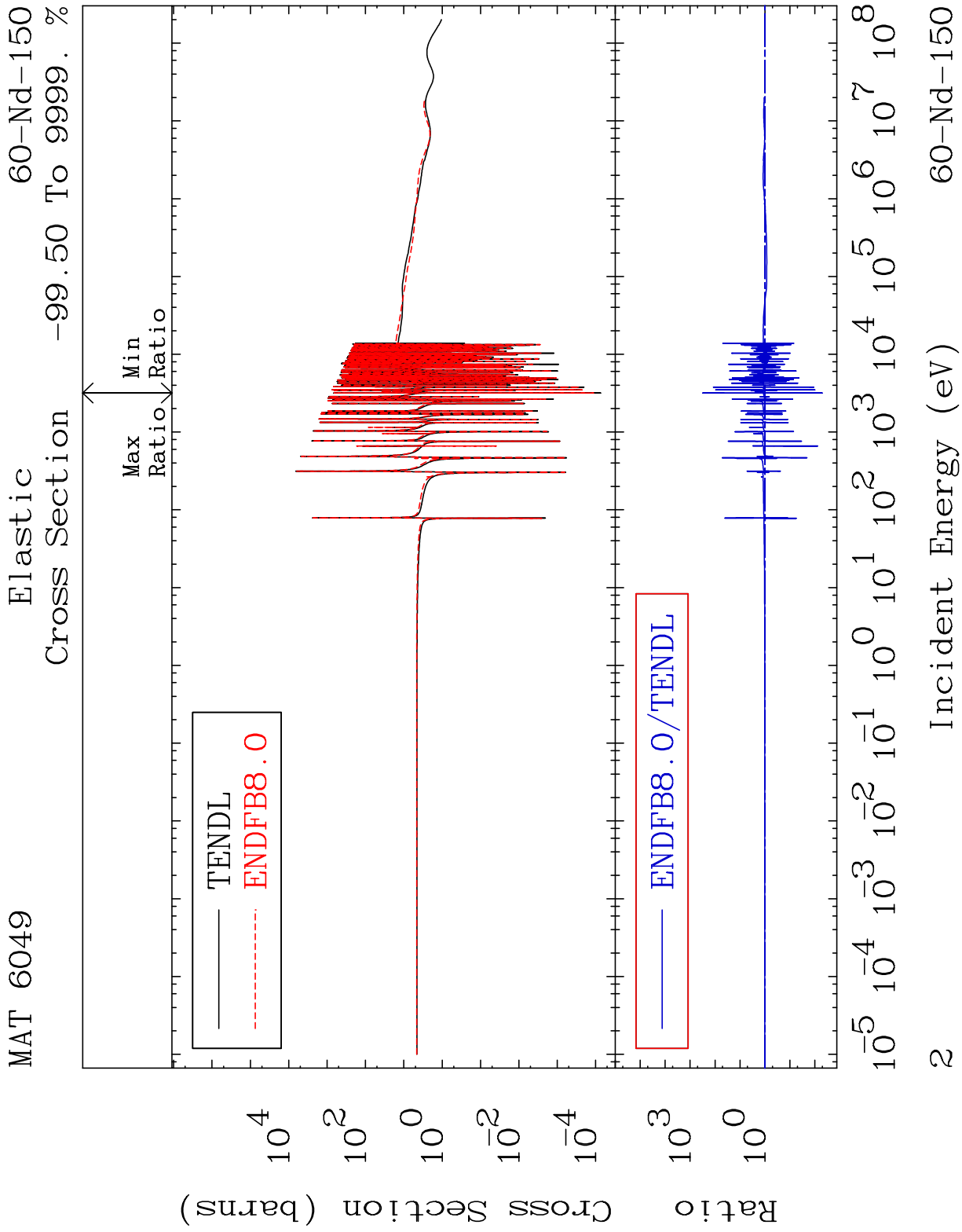
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



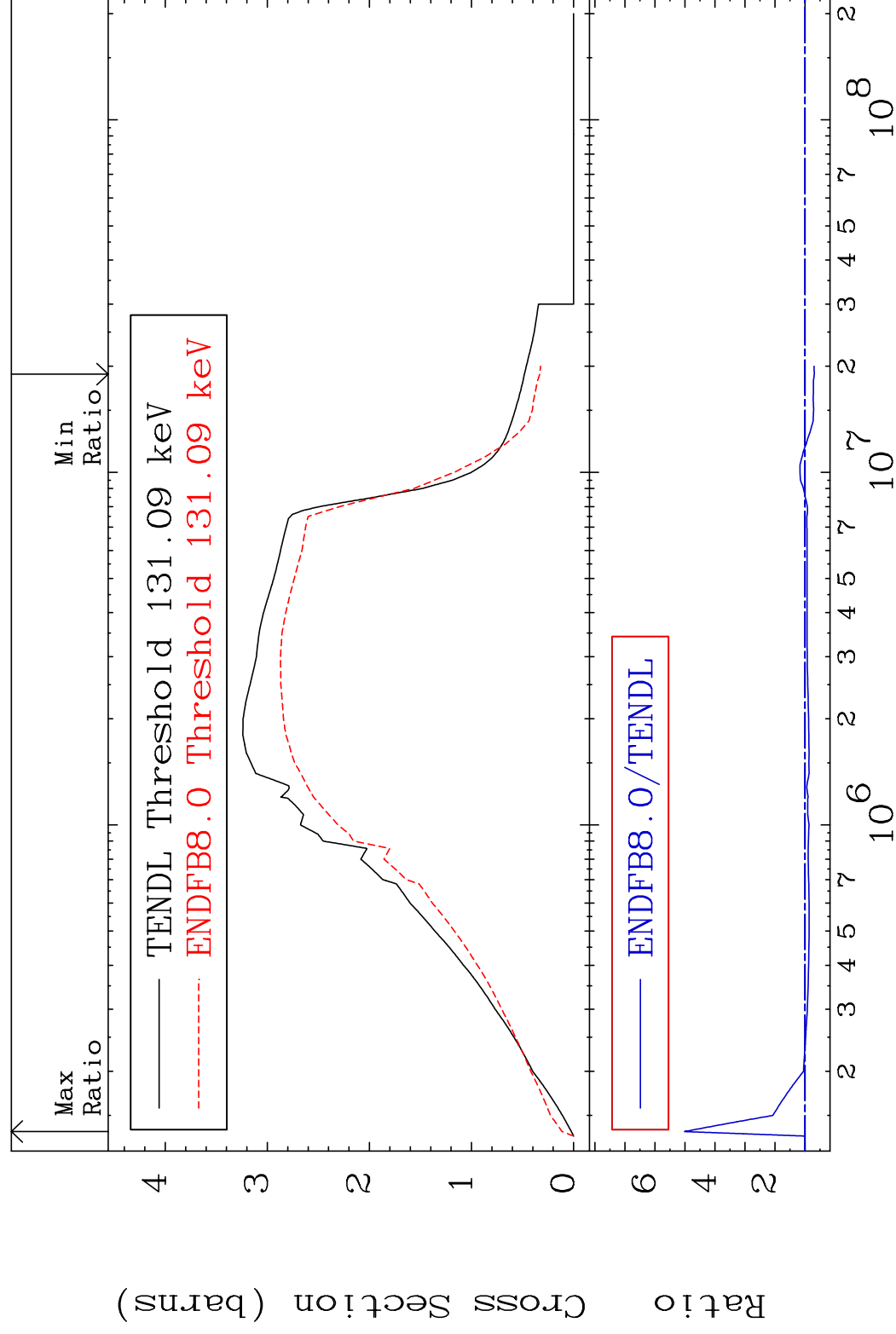


MAT 6049

Inelastic

60-Nd-150

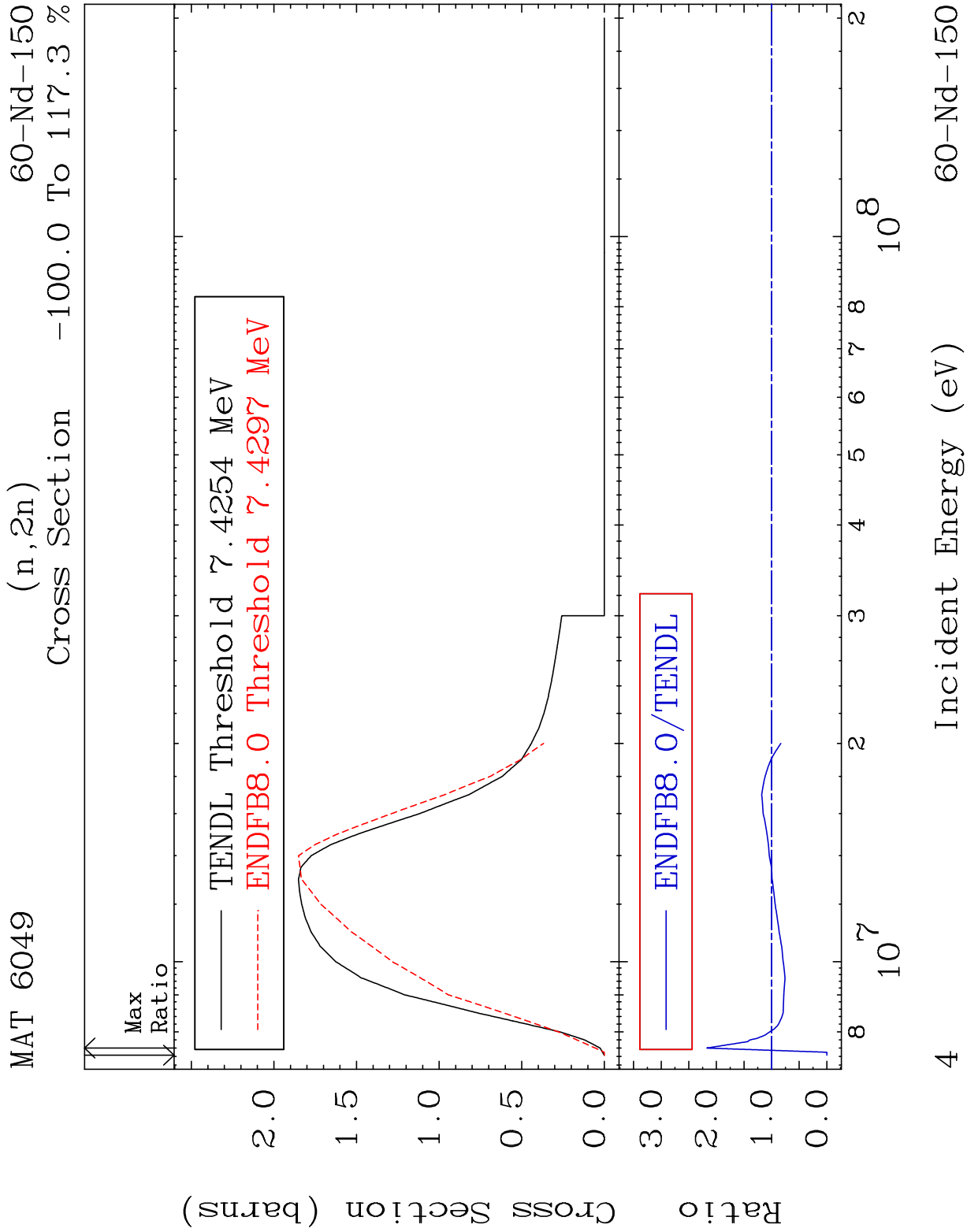
Cross Section -31.24 To 401.3 %



3

Incident Energy (eV)

60-Nd-150

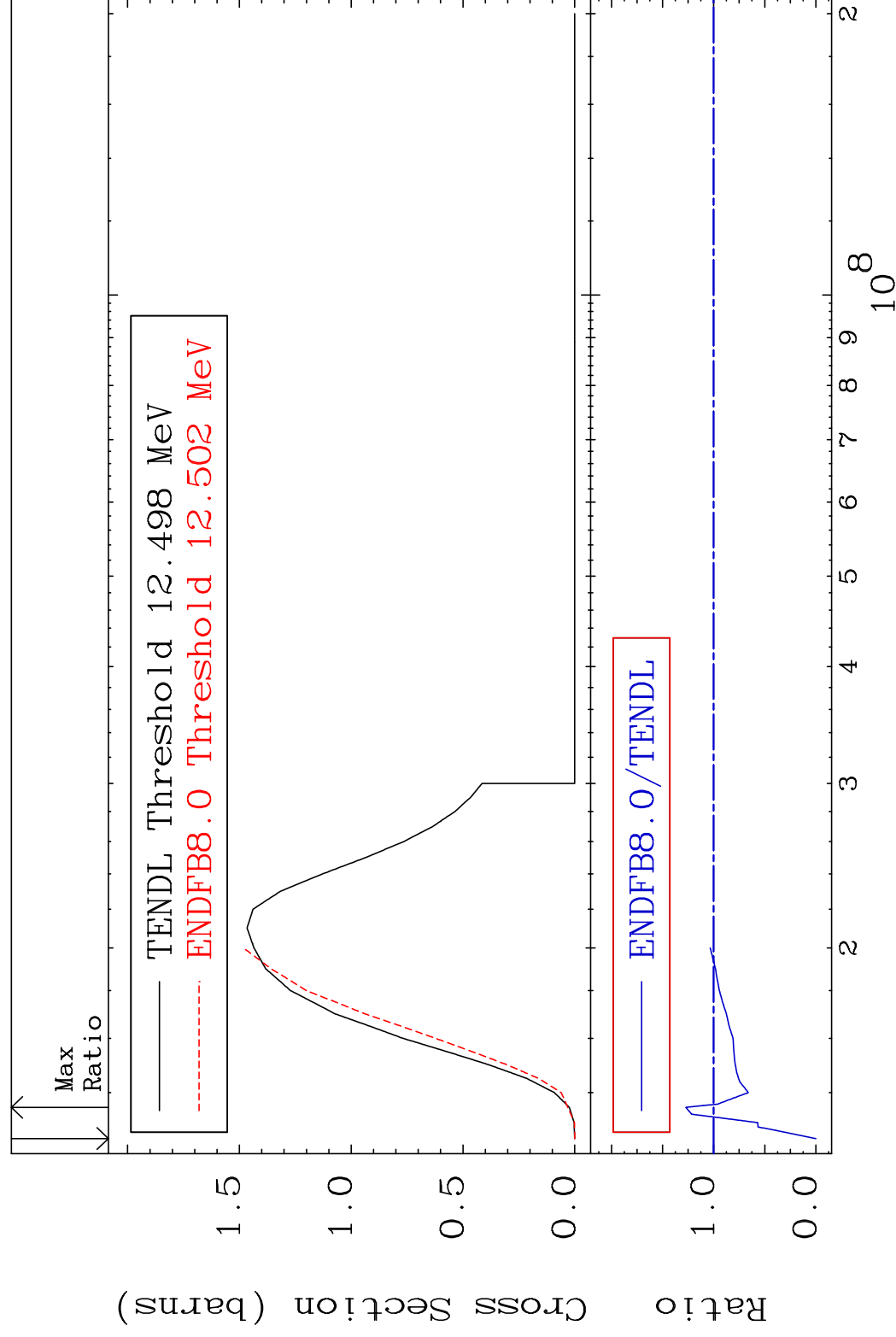


MAT 6049

$$(n, 3n)$$

60-Nd-150

Cross Section -100.0 To 27.29 %



TENDL Threshold 12.498 MeV

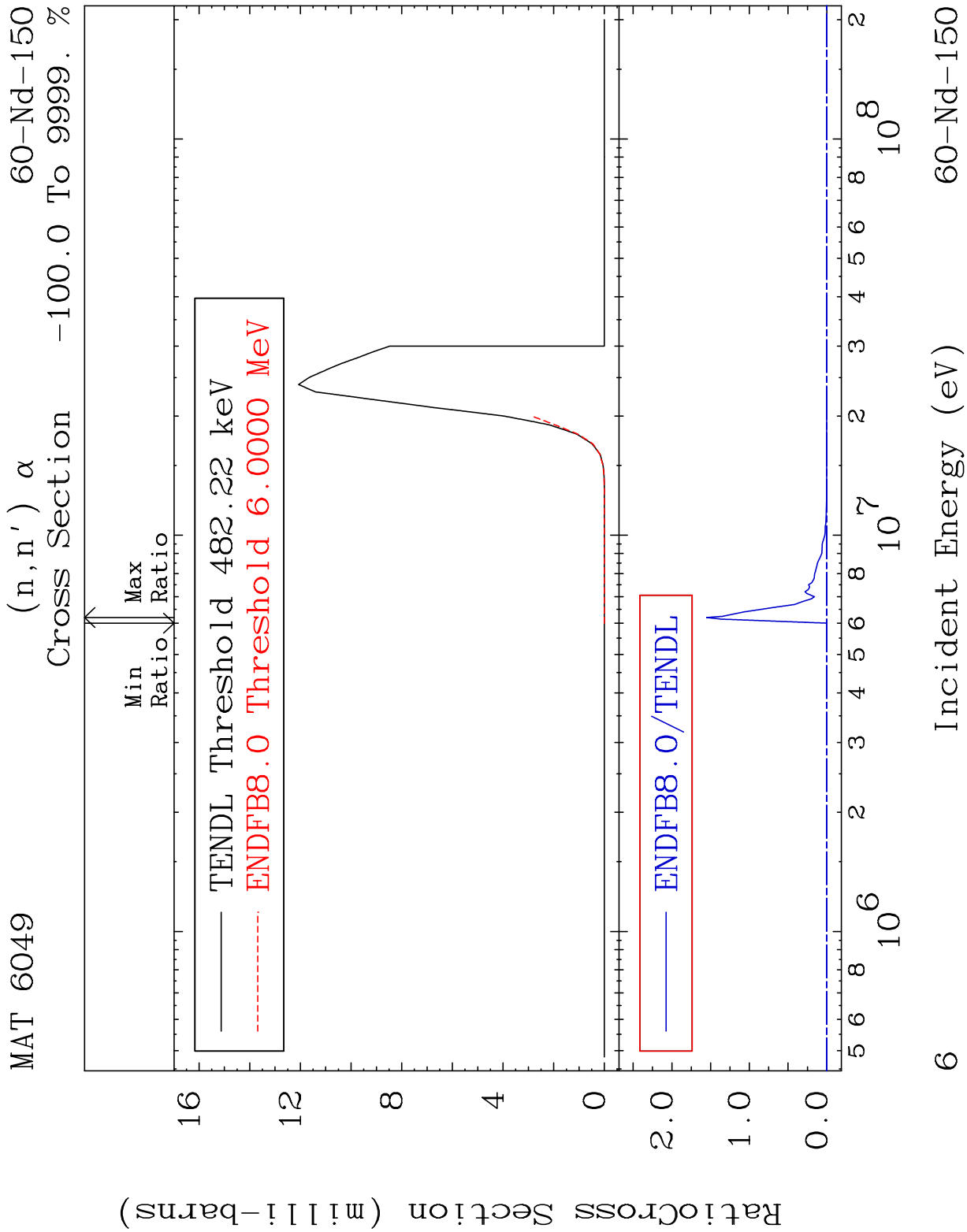
----- ENDFB8.0 Threshold 12.502 MeV

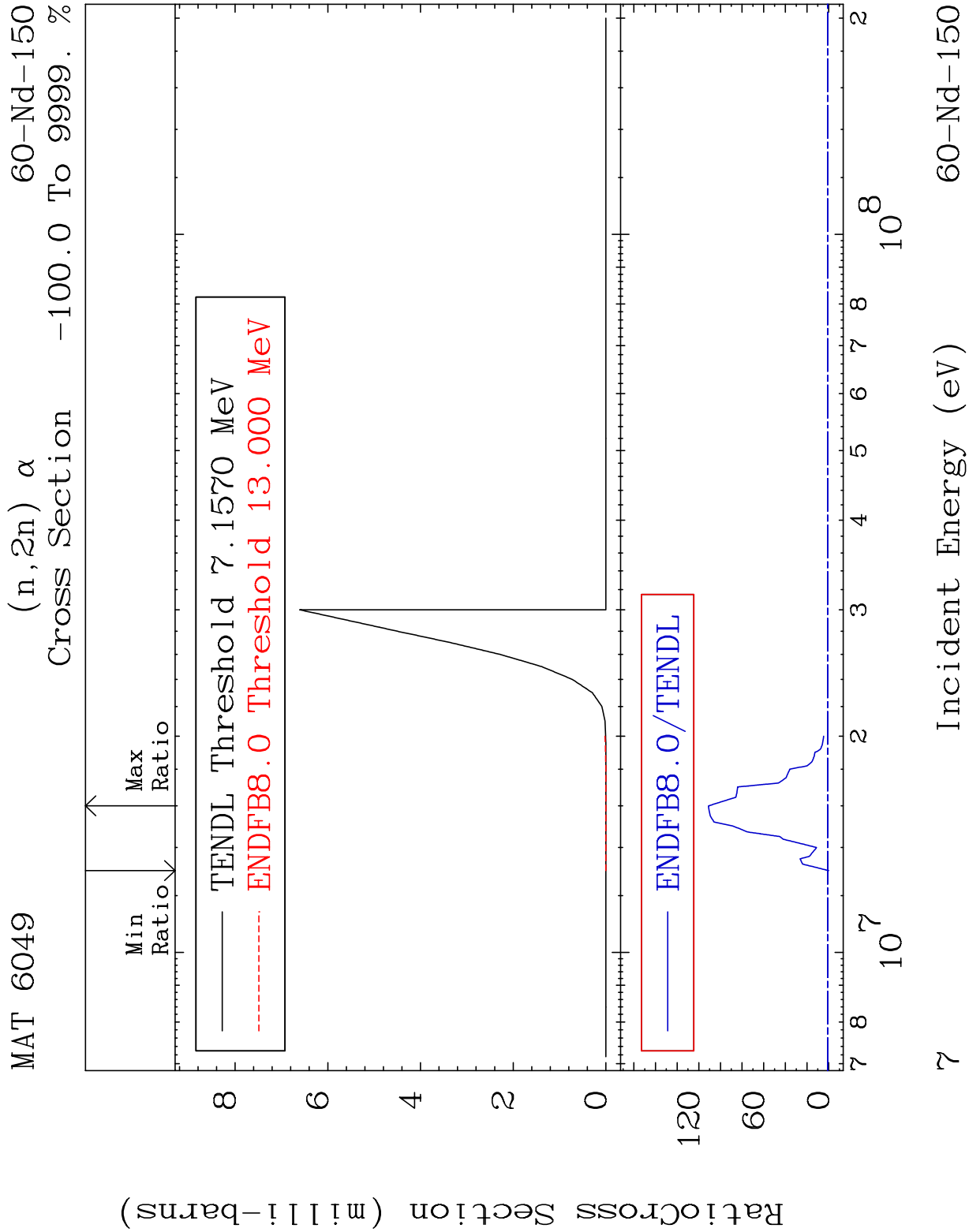
————— ENDFB8.0/TENDL

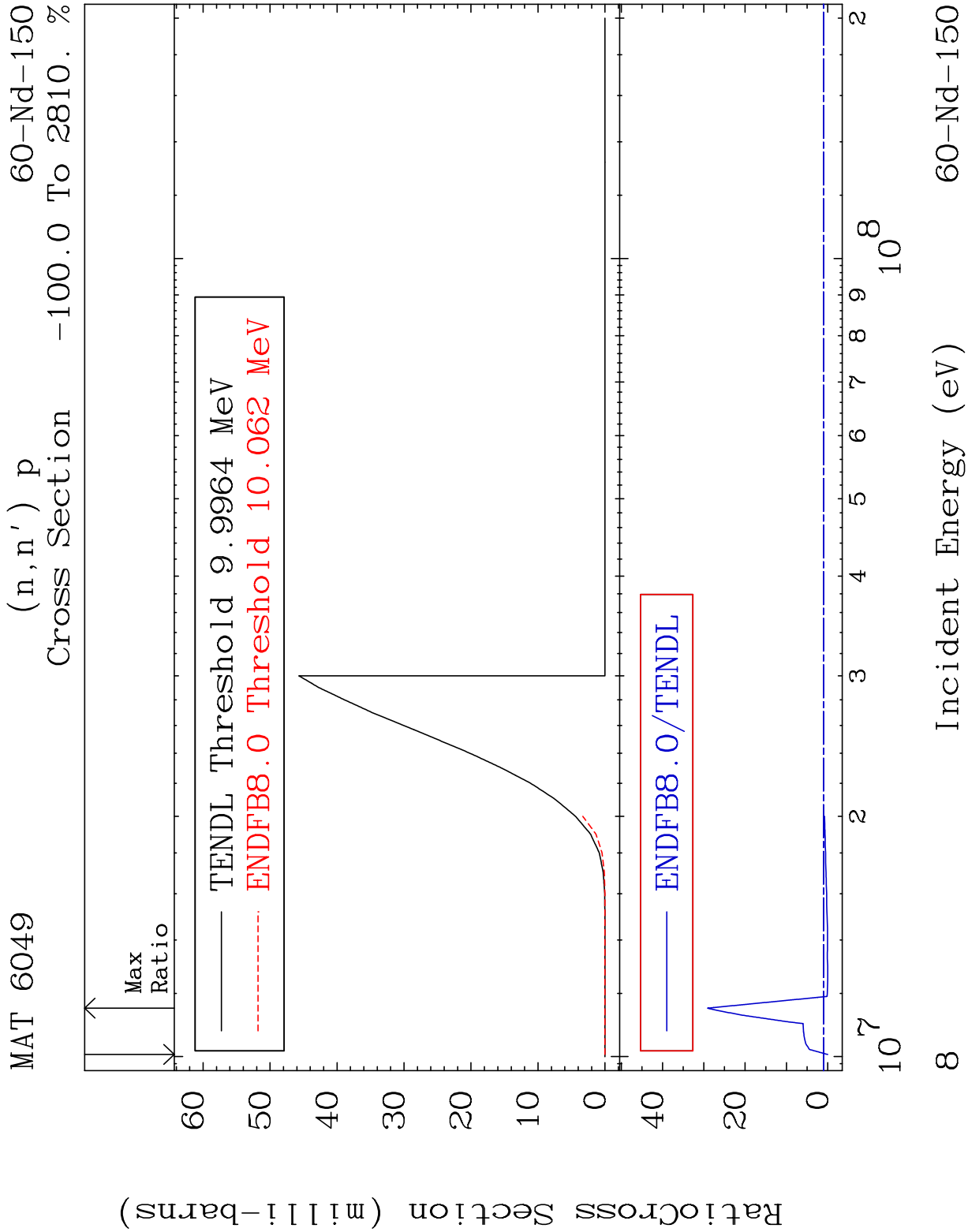
5

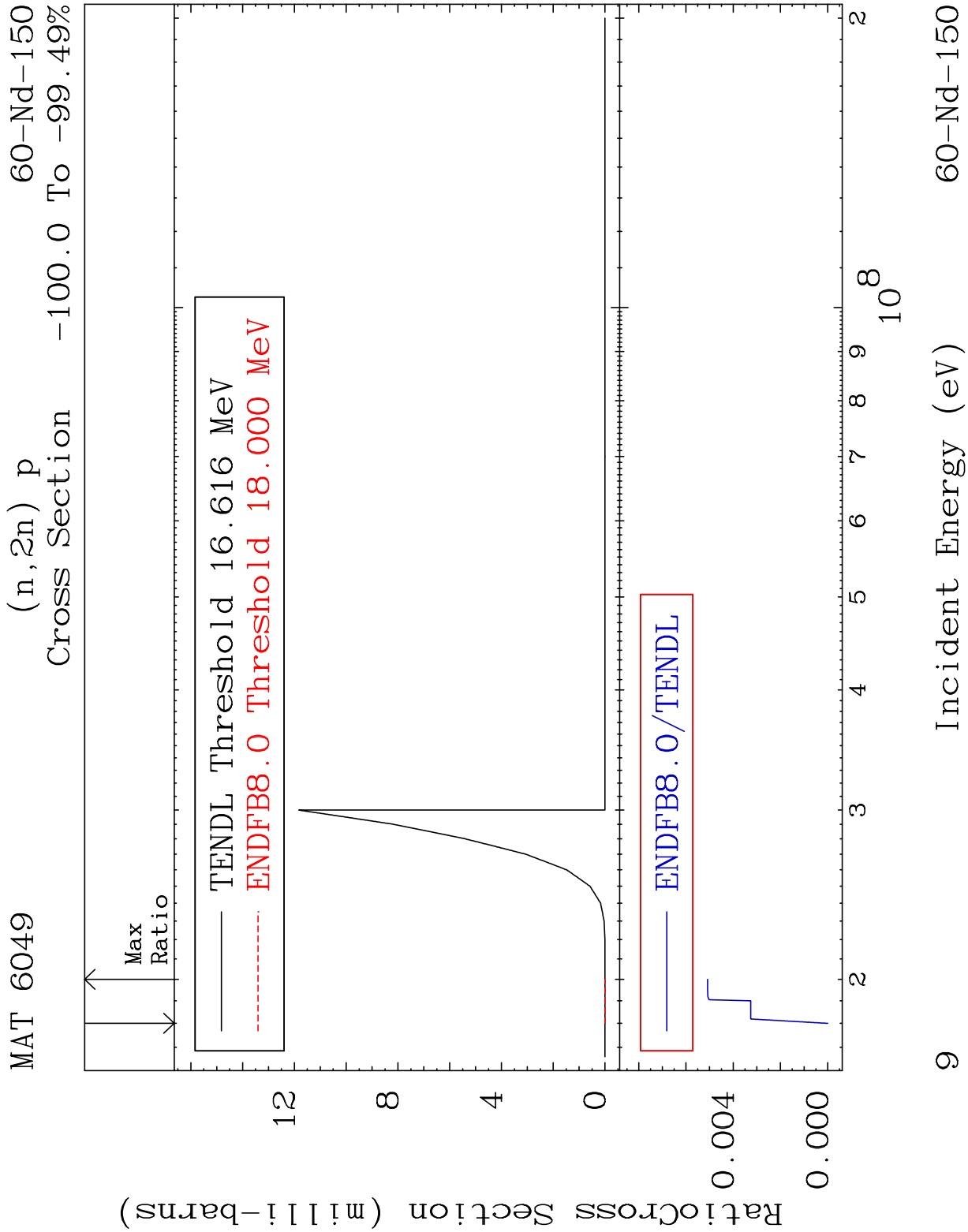
Incident Energy (eV)

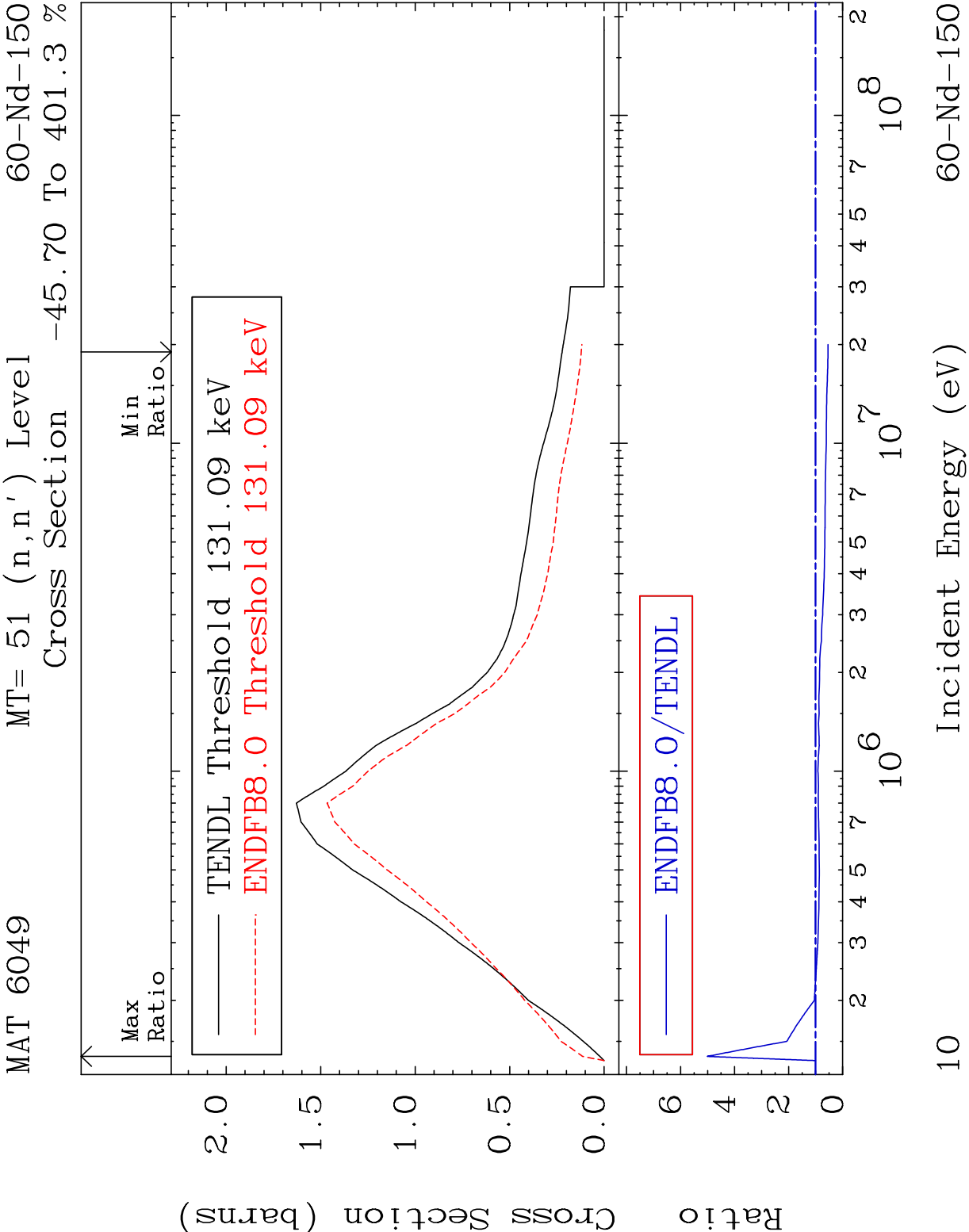
60-Nd-150



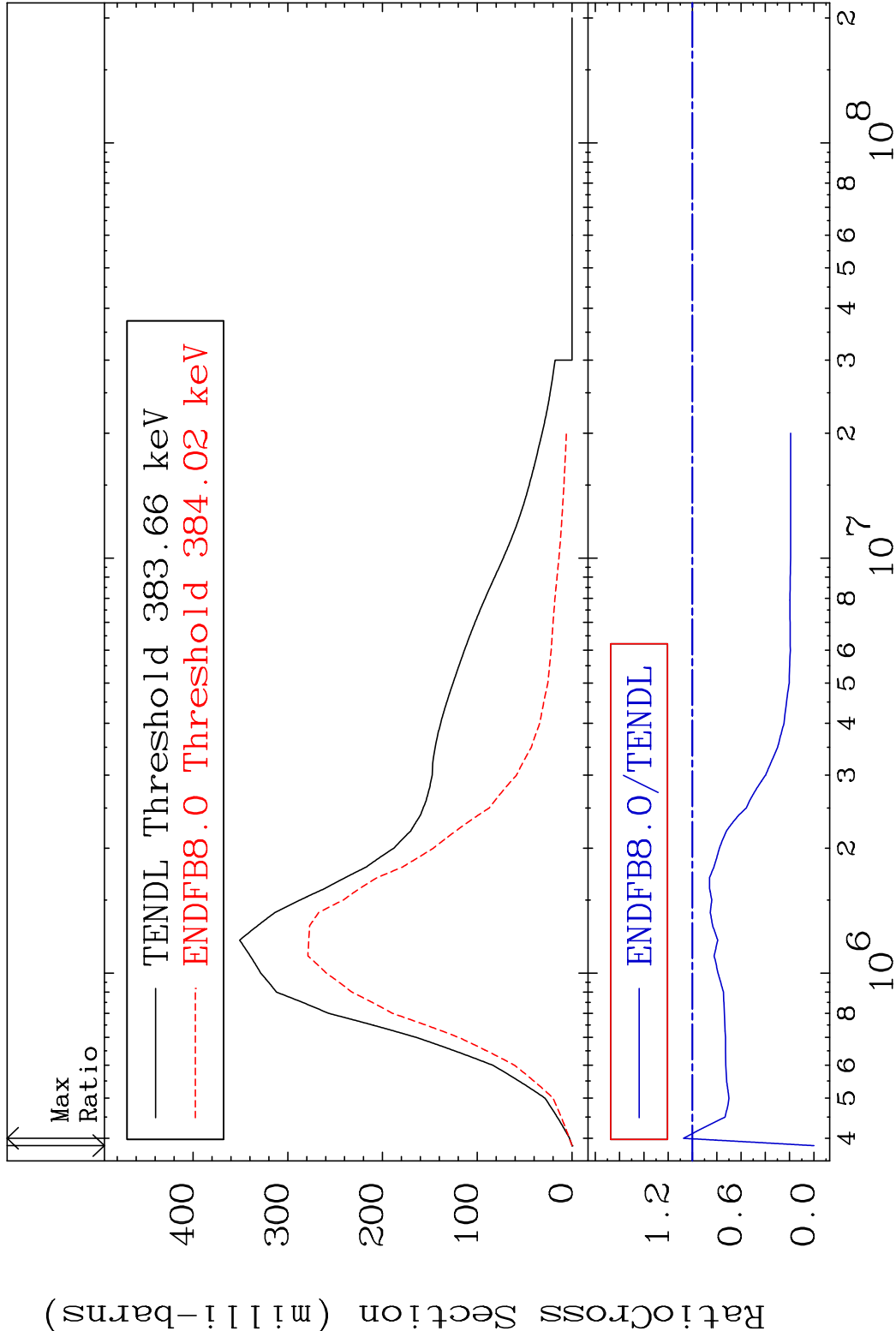






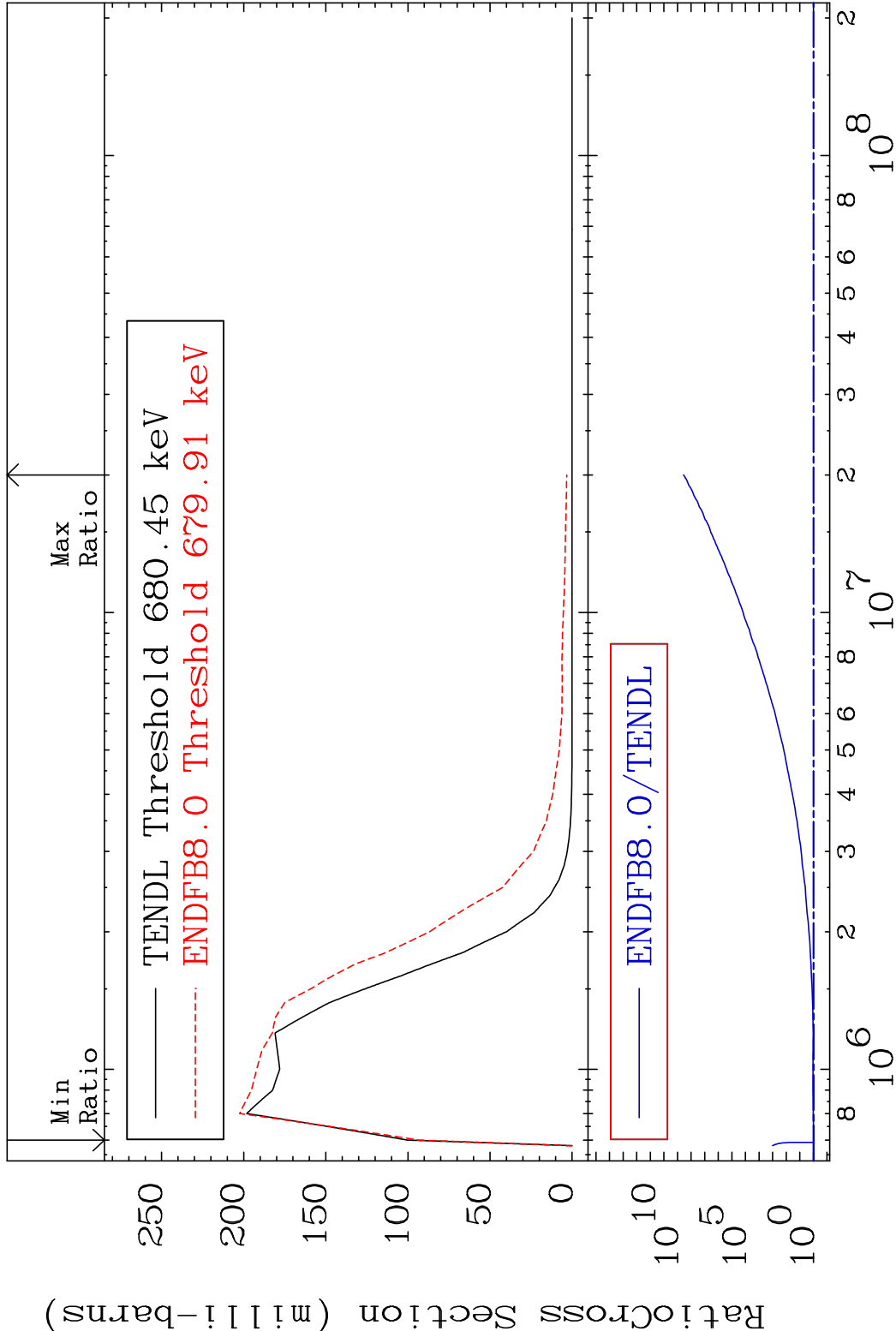


MAT 6049 MT= 52 (n,n') Level 60-Nd-150
Cross Section -100.0 To 7.412 %

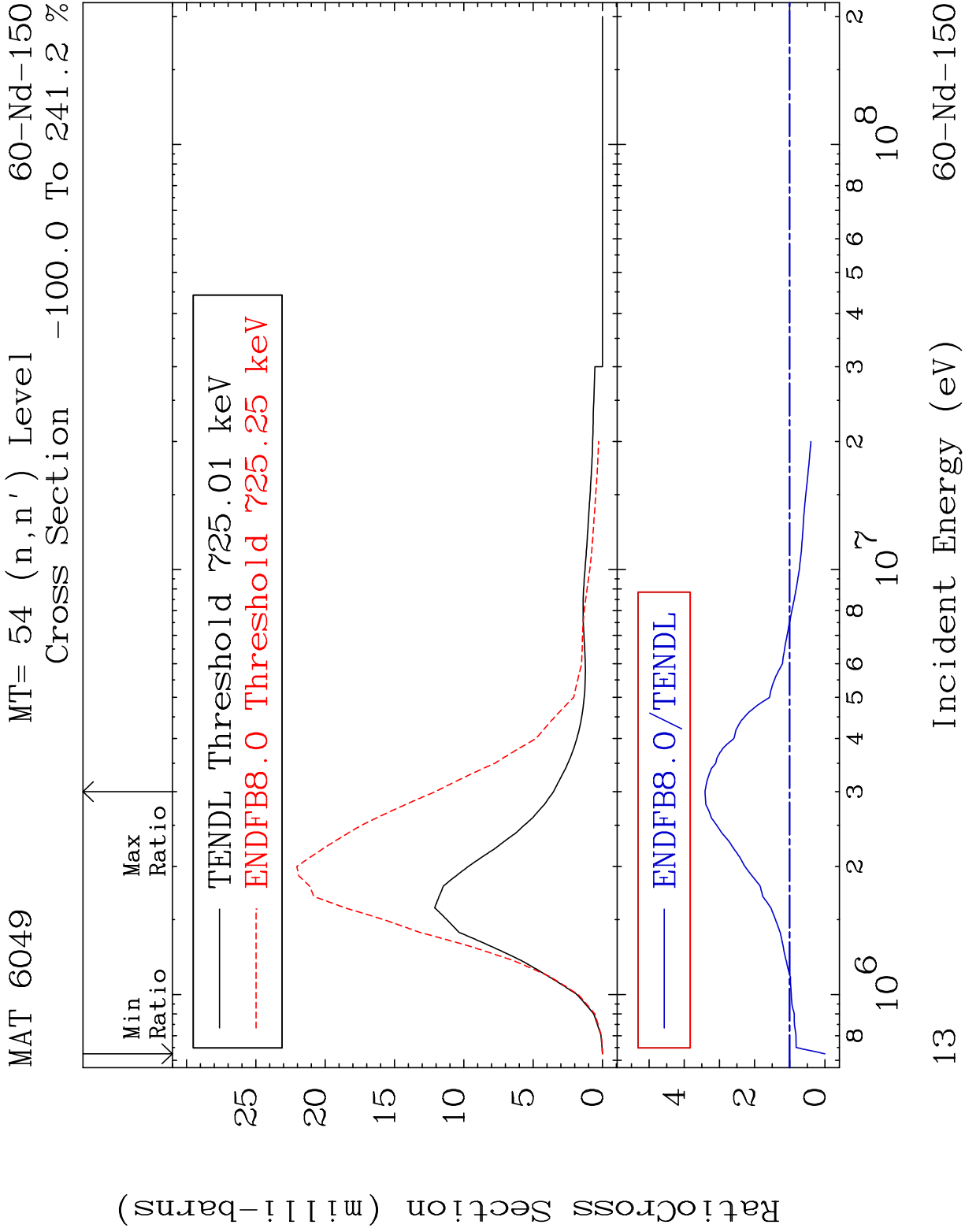


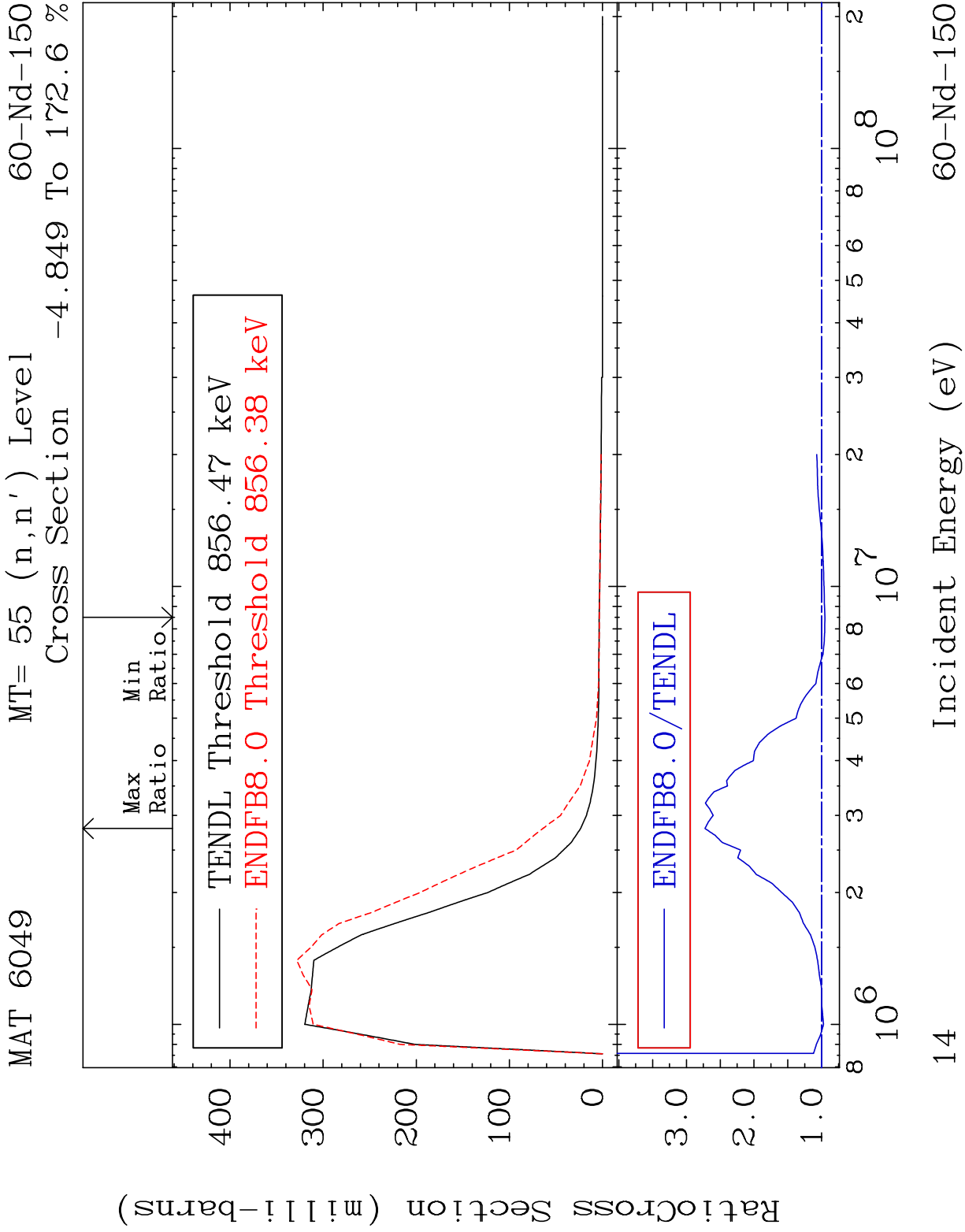
11 Incident Energy (eV) 60-Nd-150

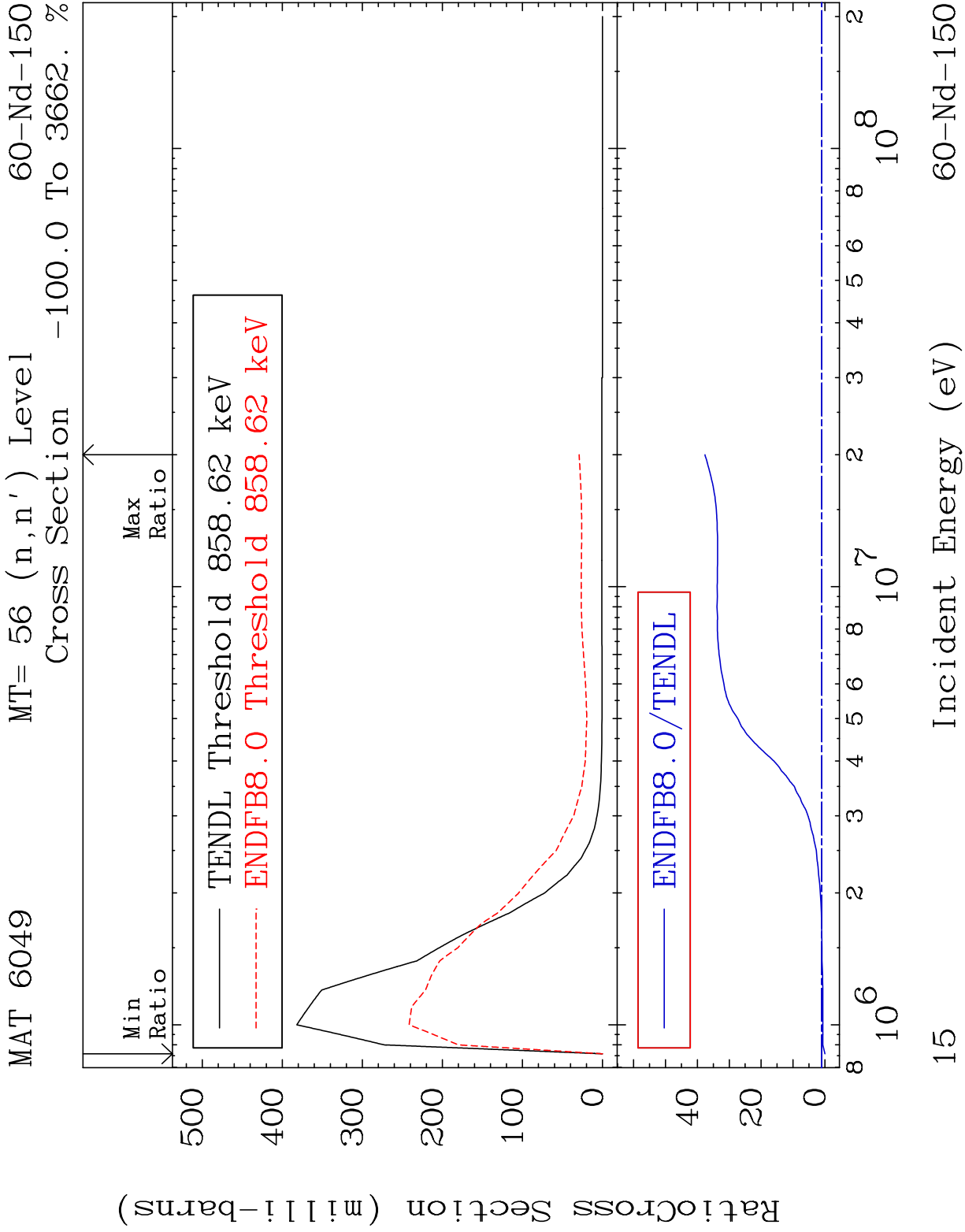
MAT 6049 MT= 53 (n,n') Level 60-Nd-150
Cross Section -6.800 To 9999. %

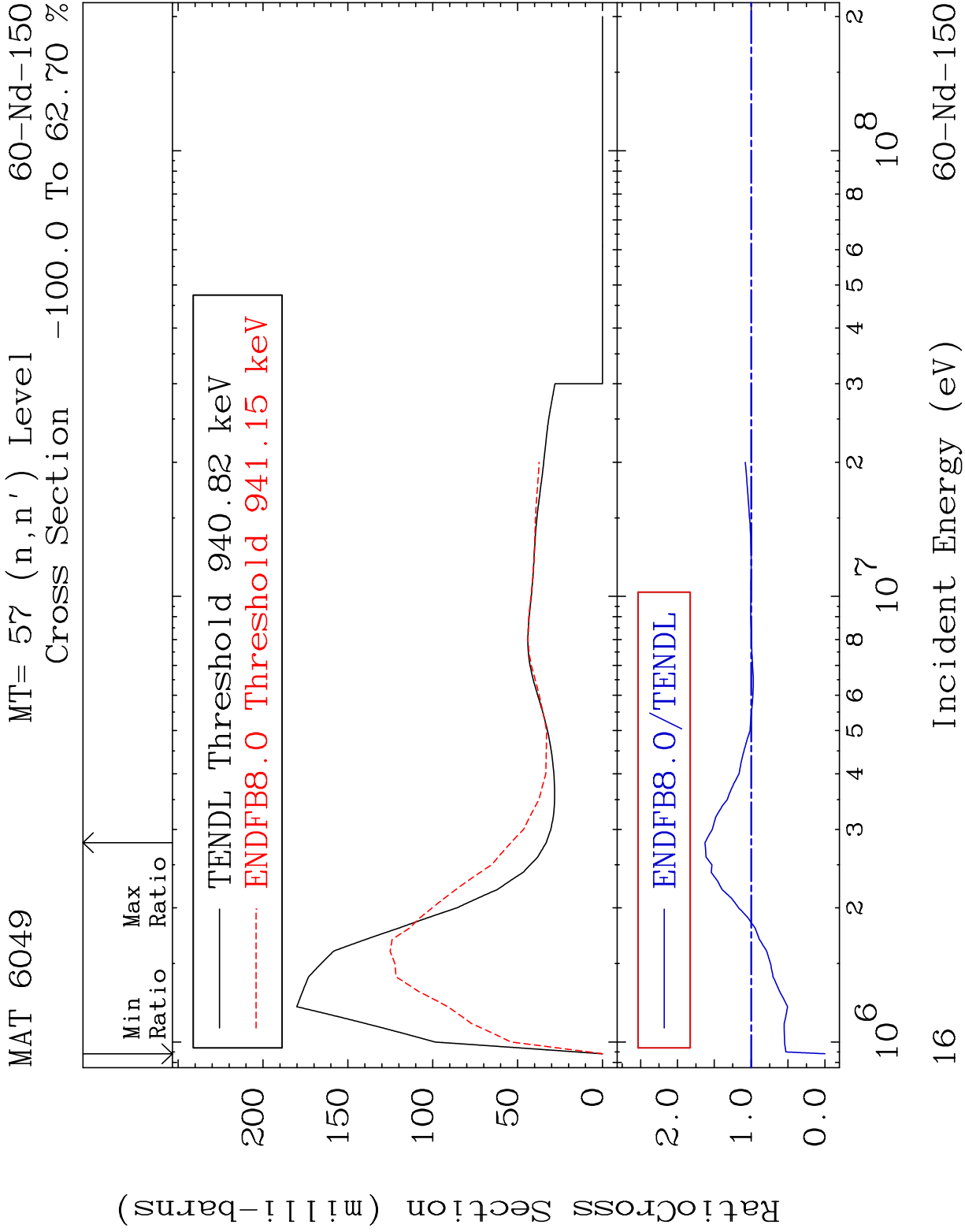


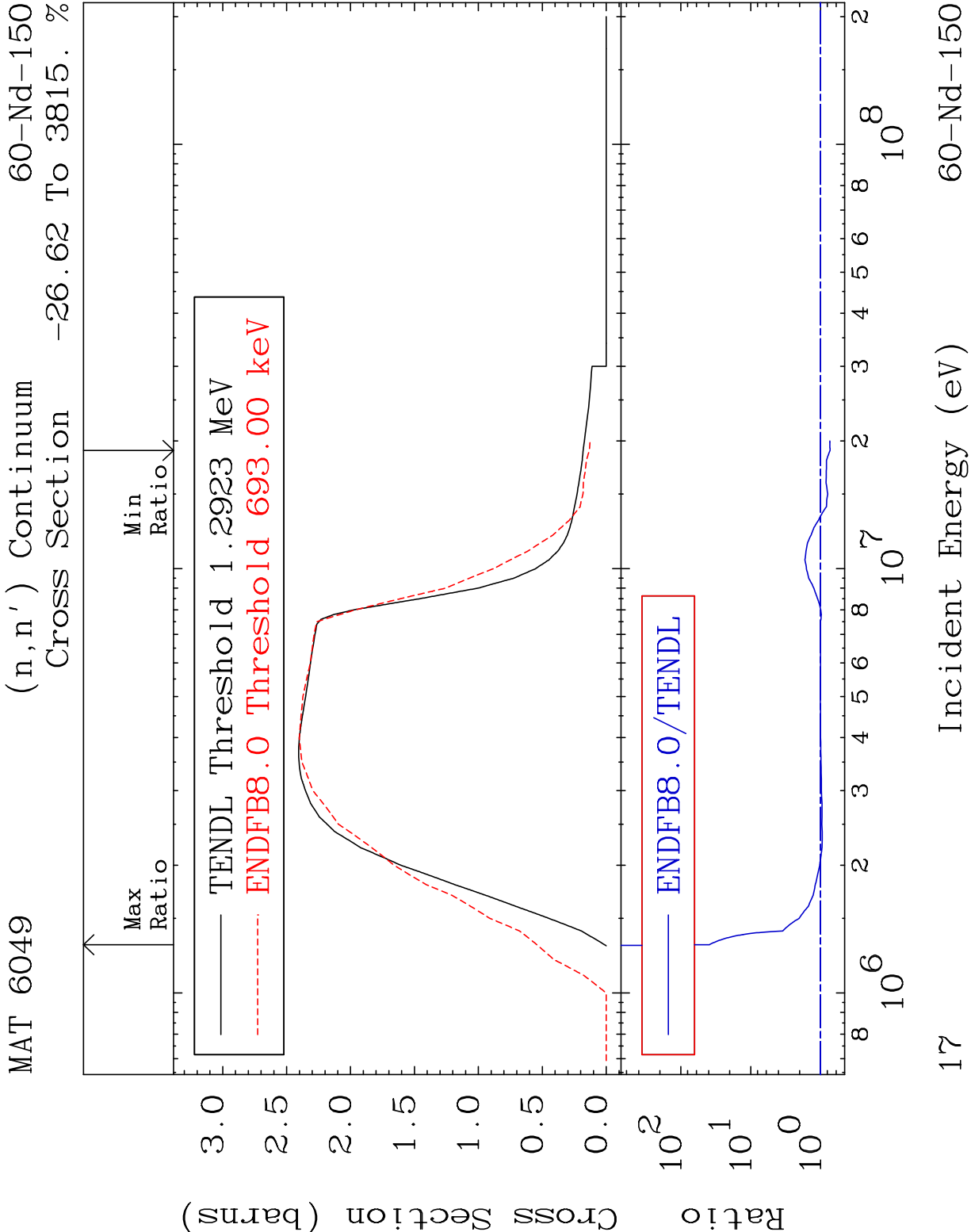
12 Incident Energy (eV) 60-Nd-150

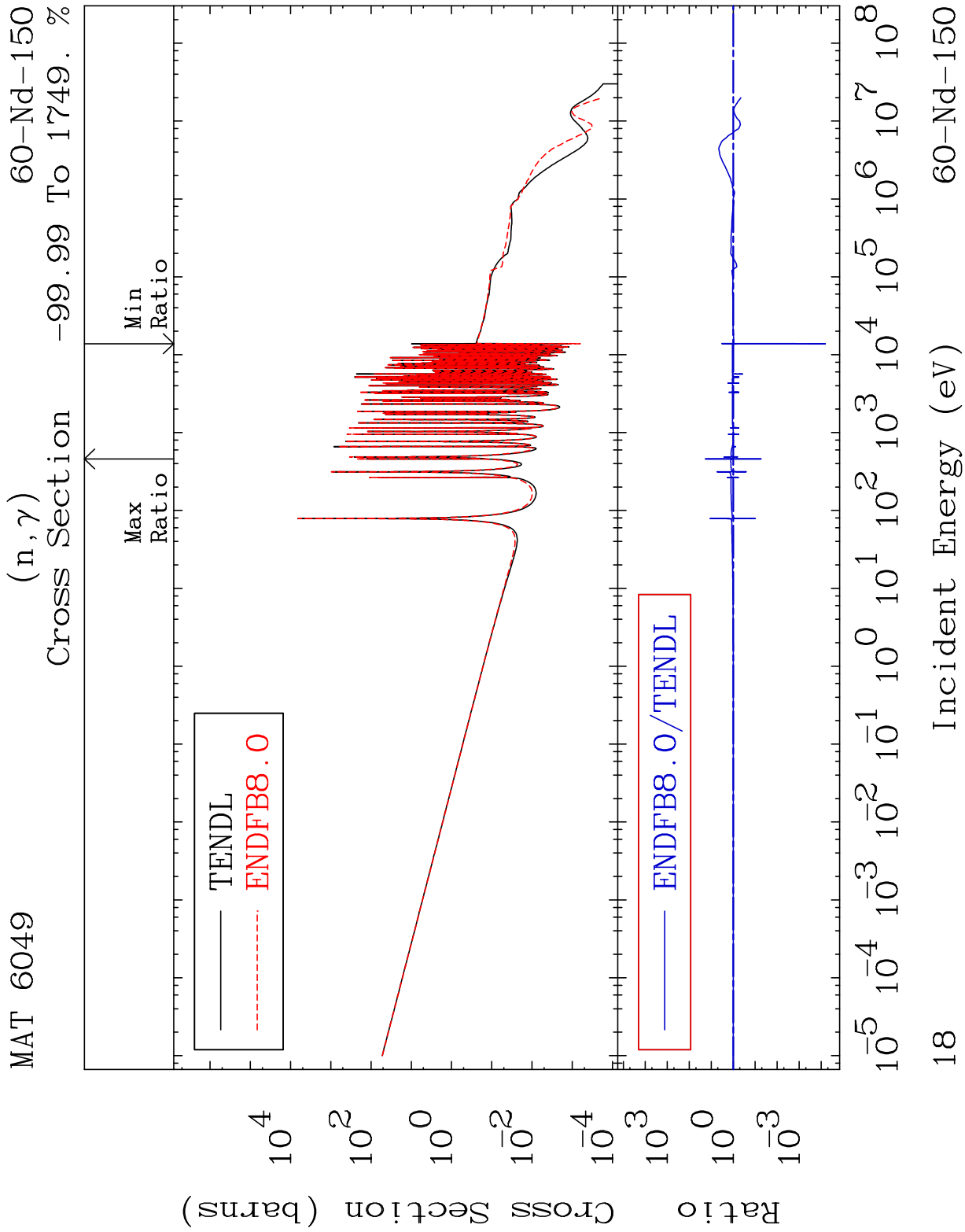


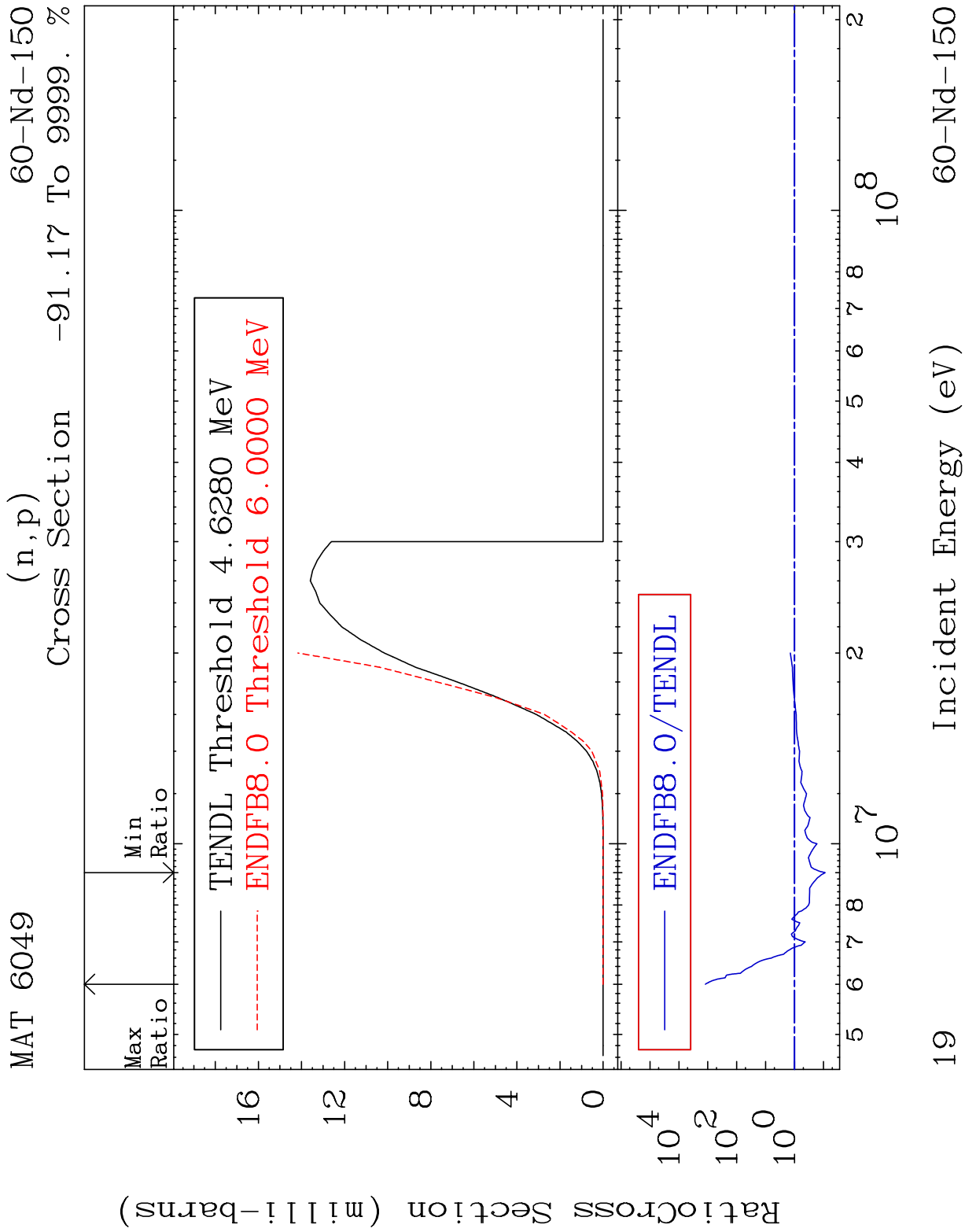


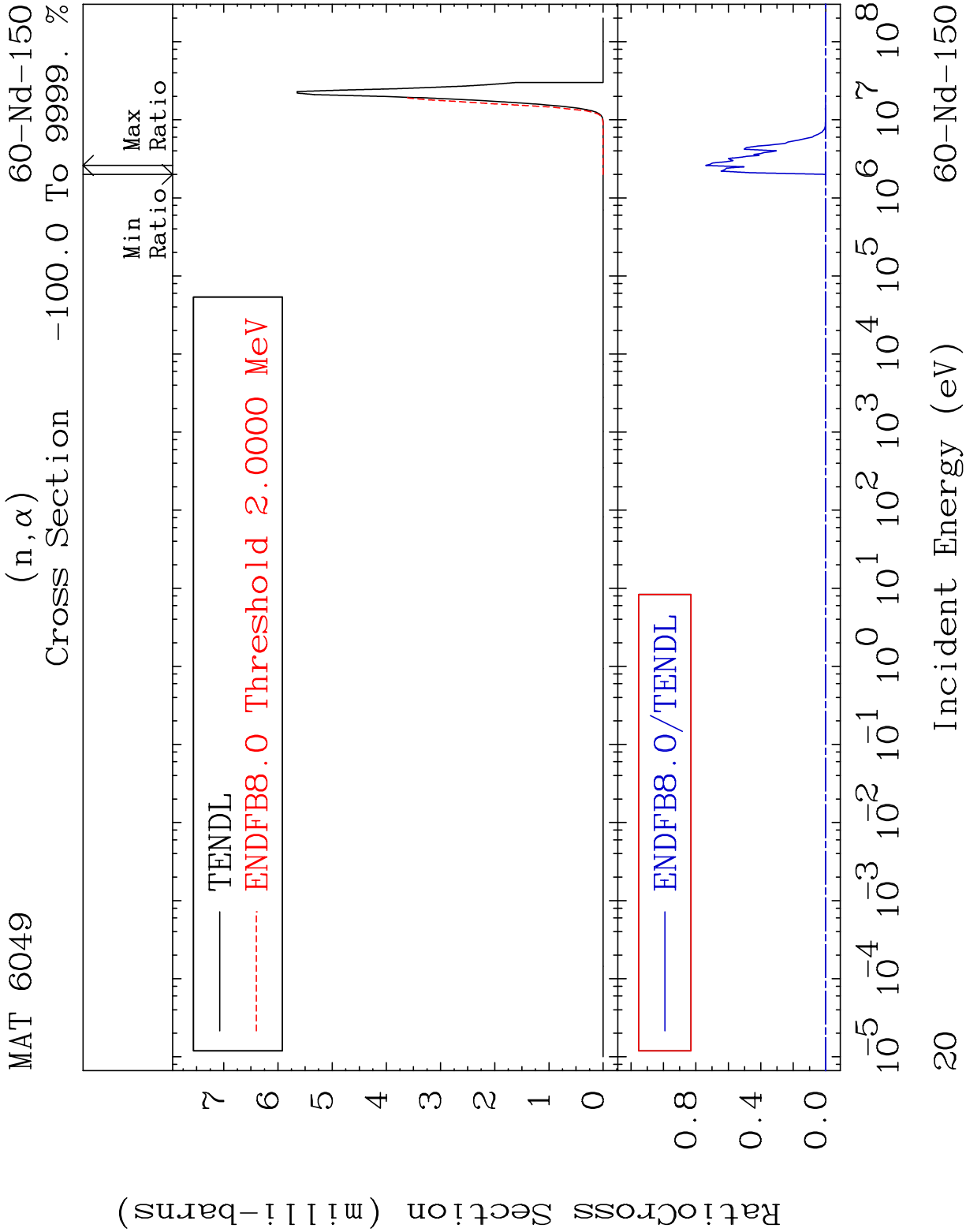


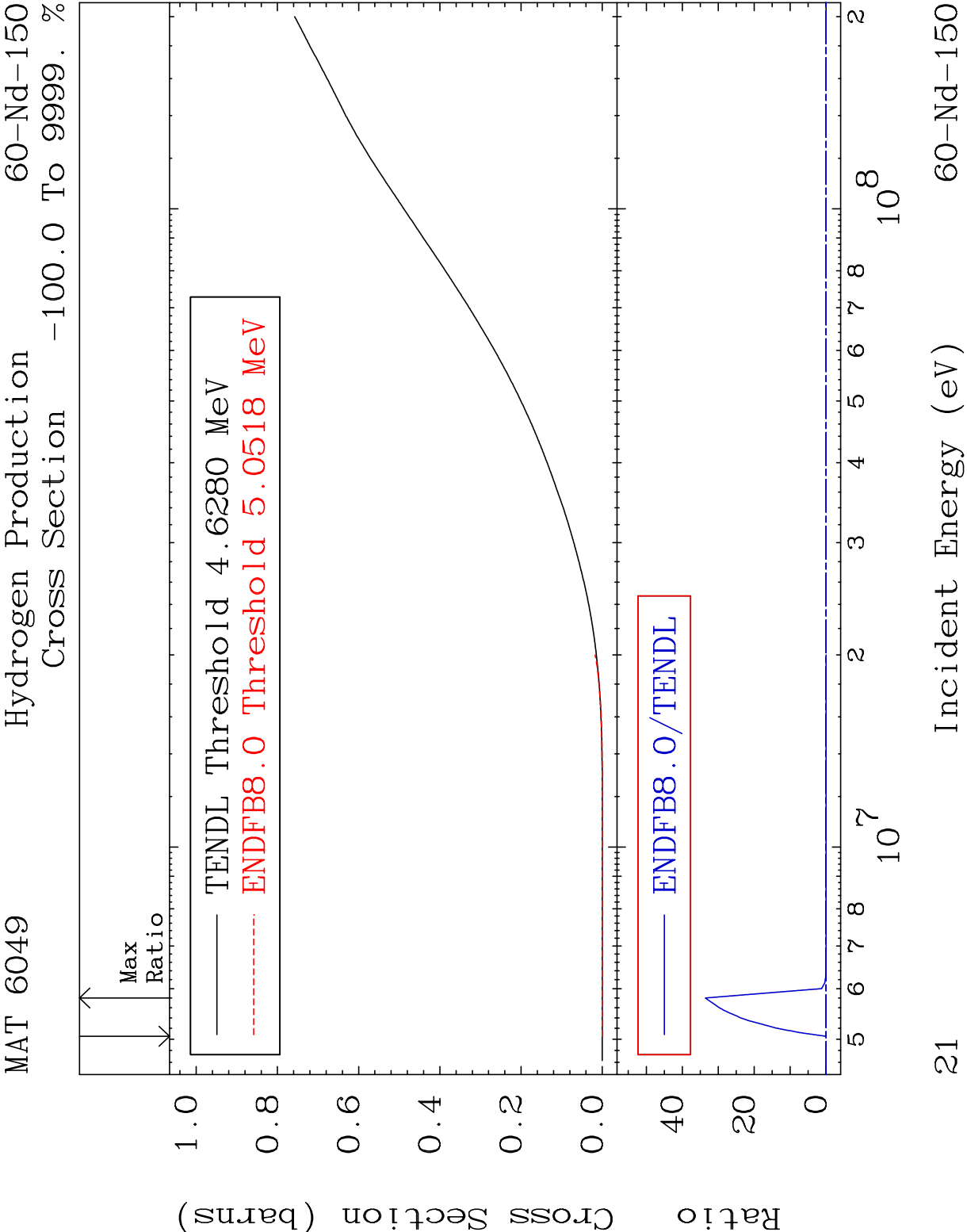


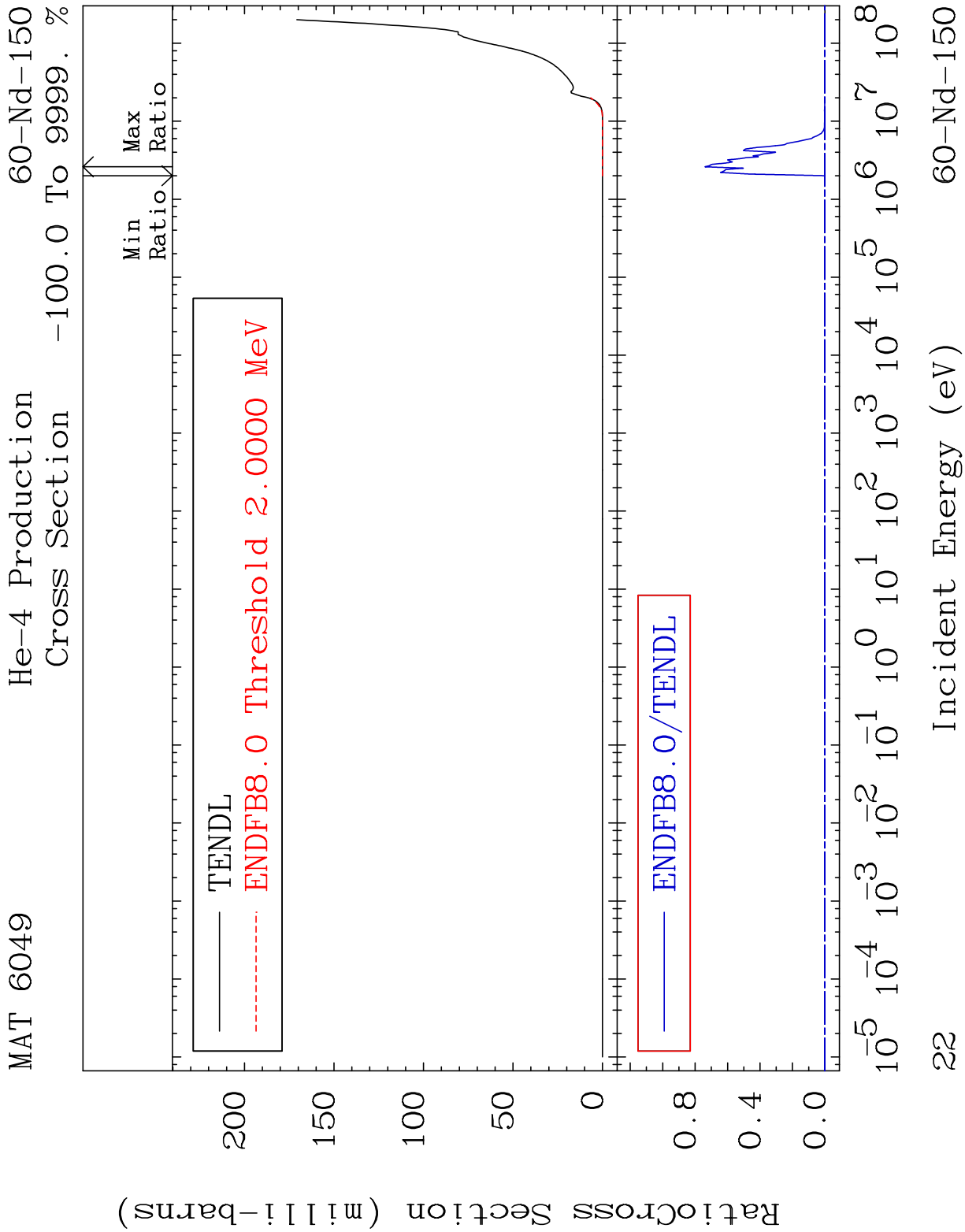


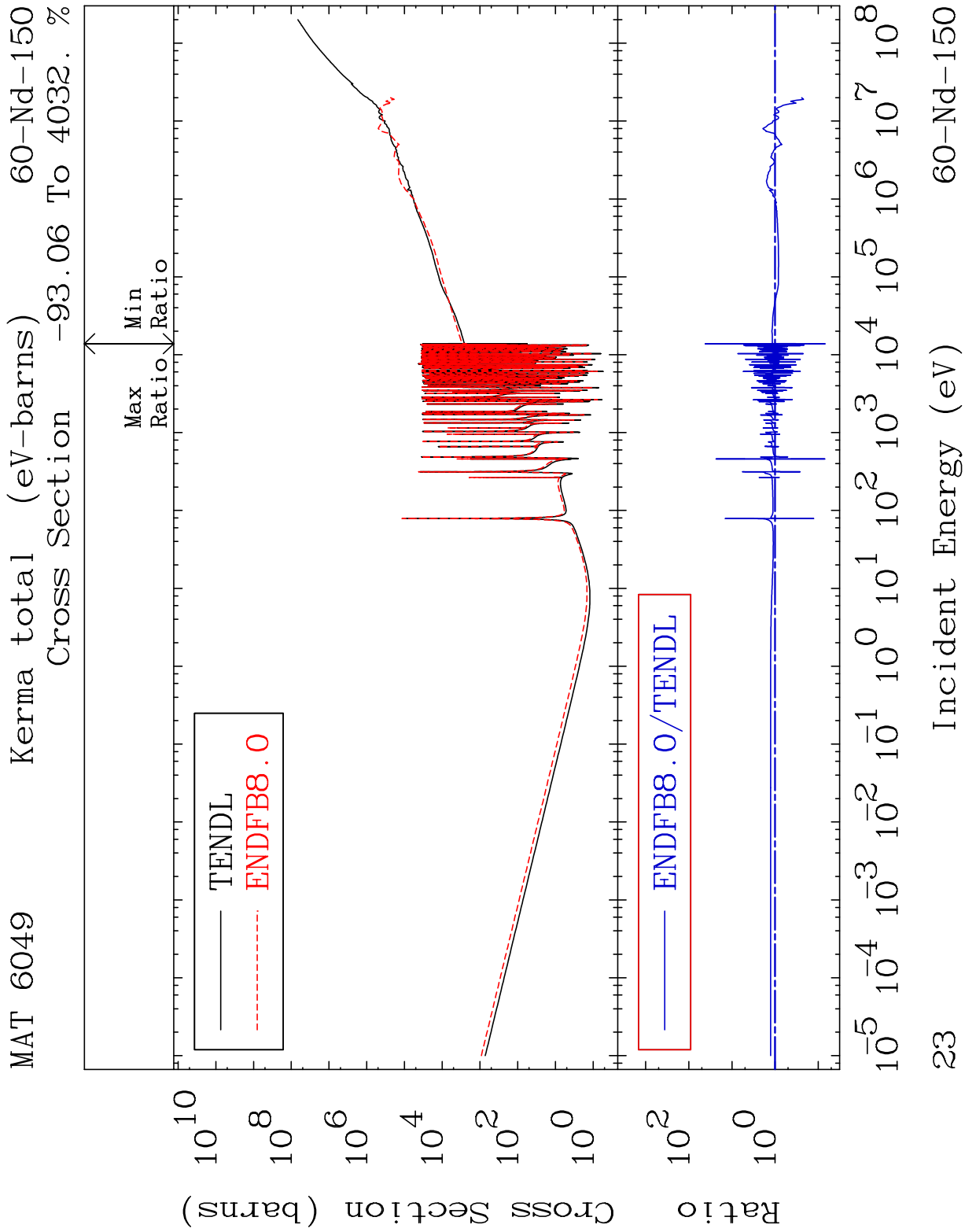


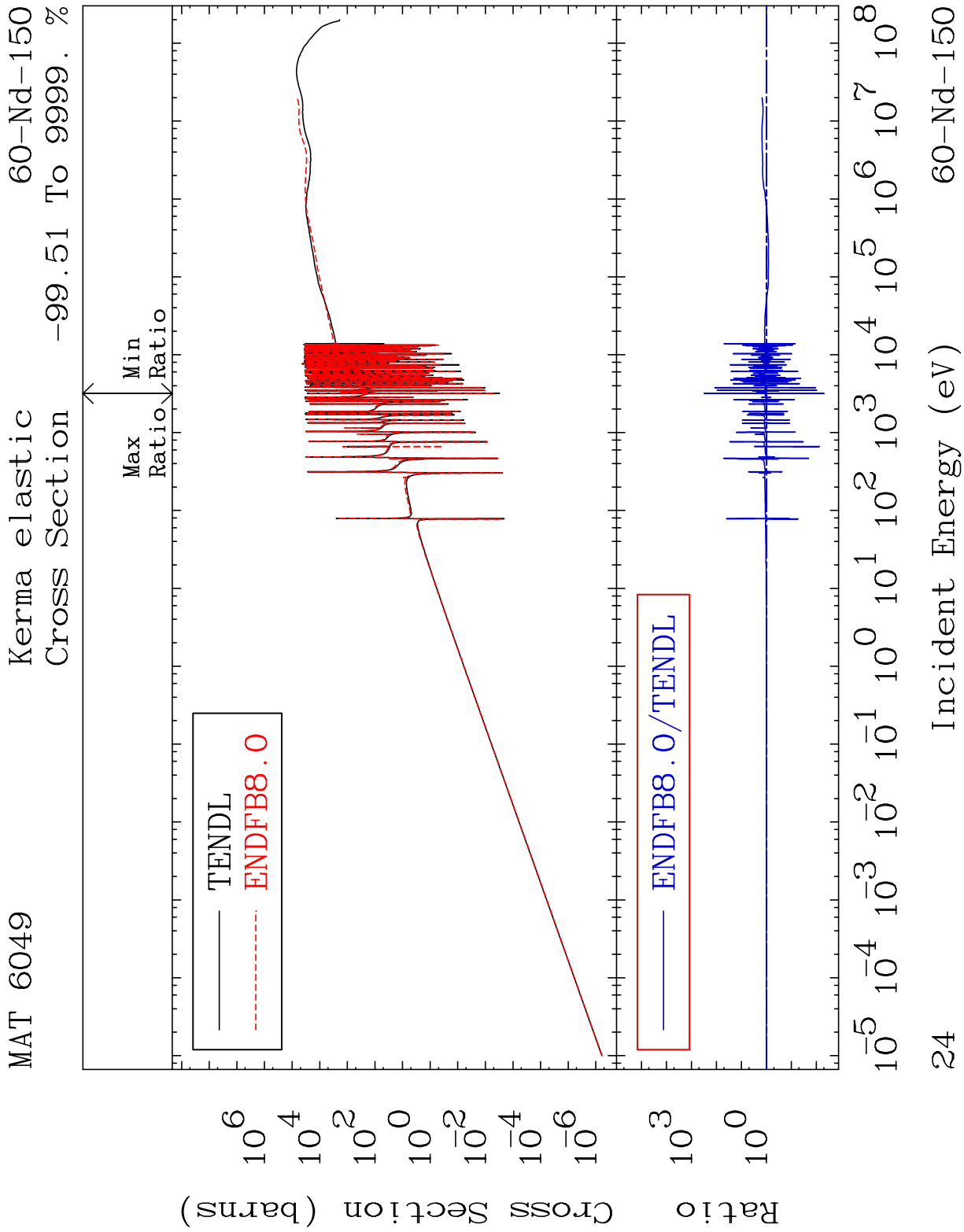




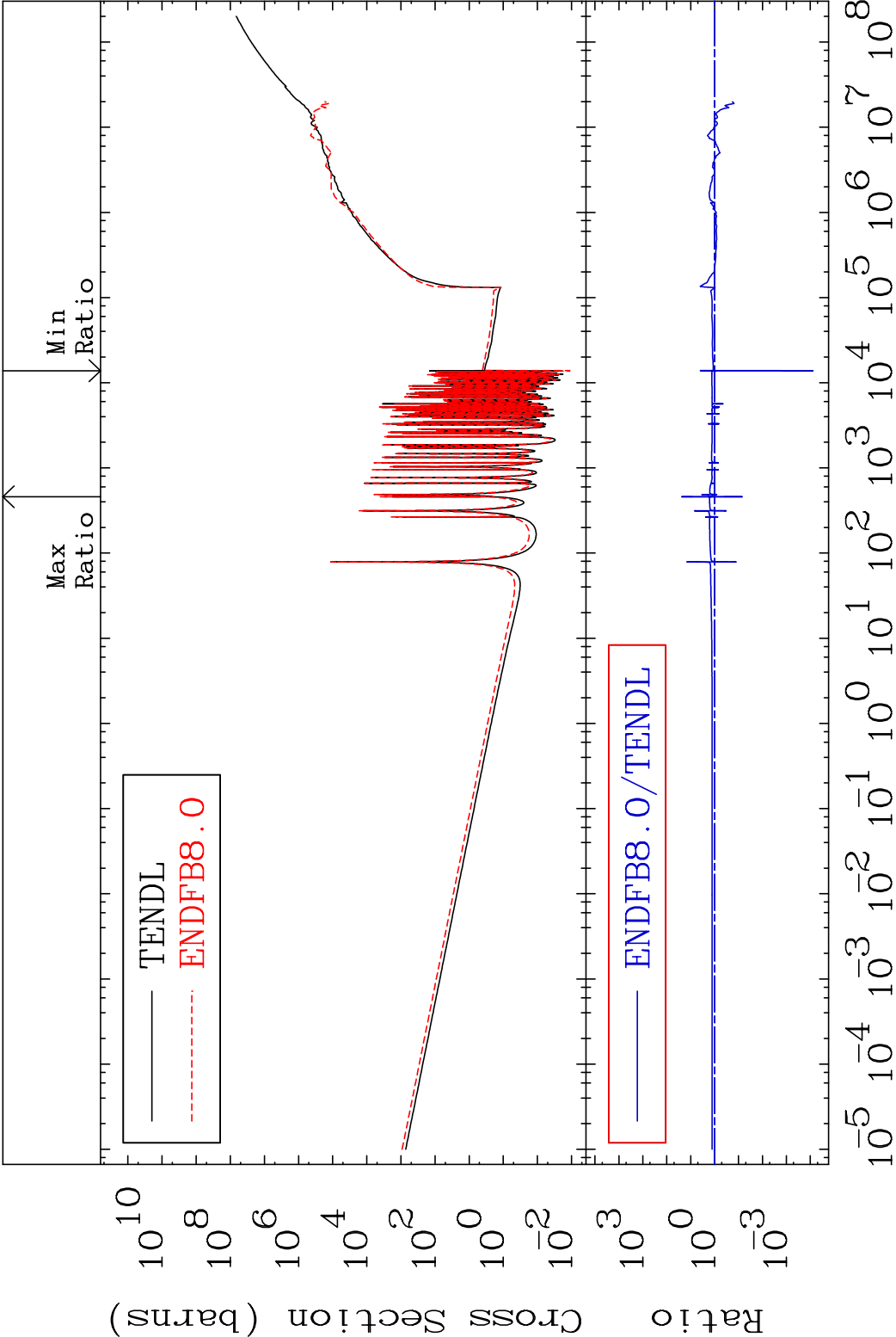




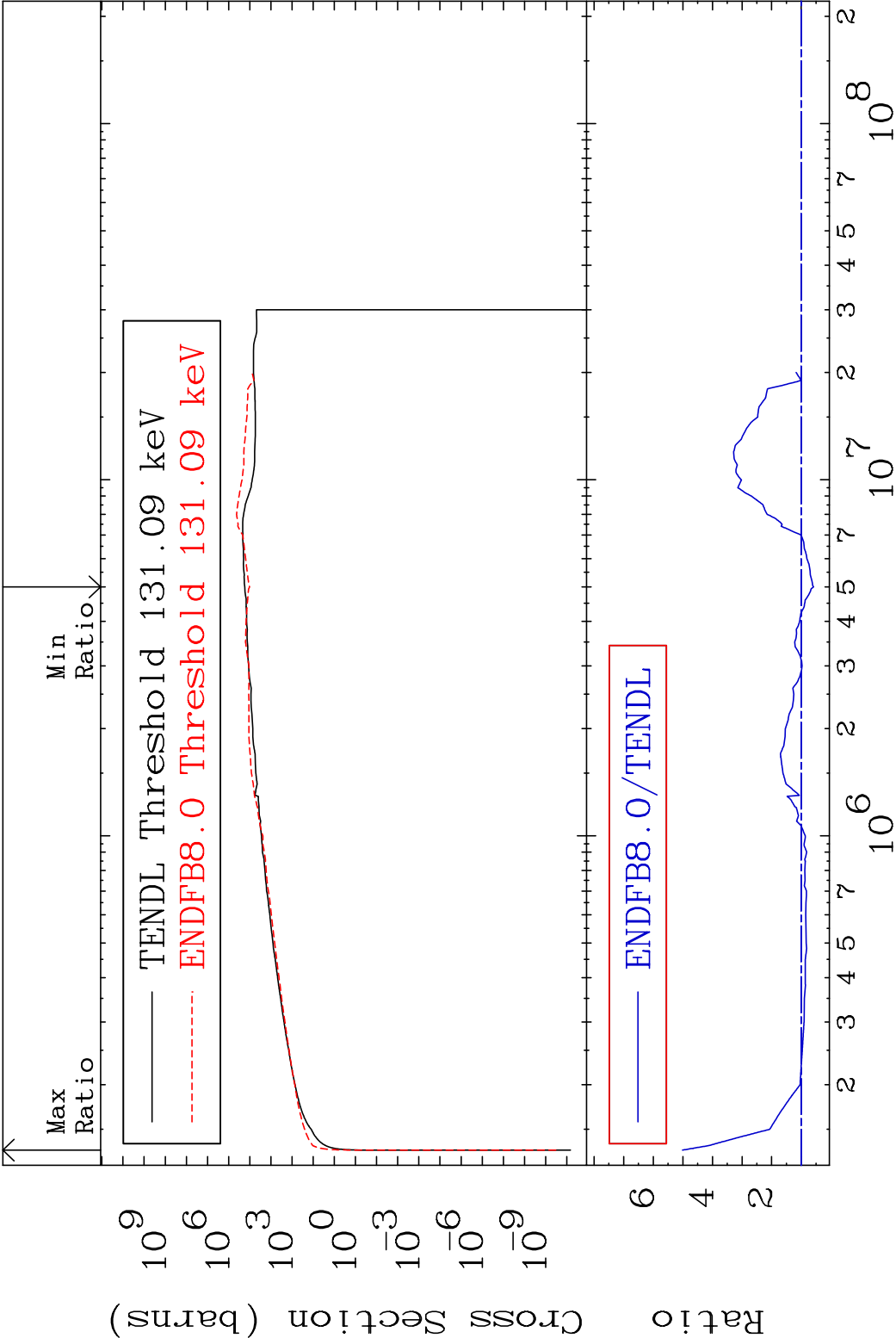




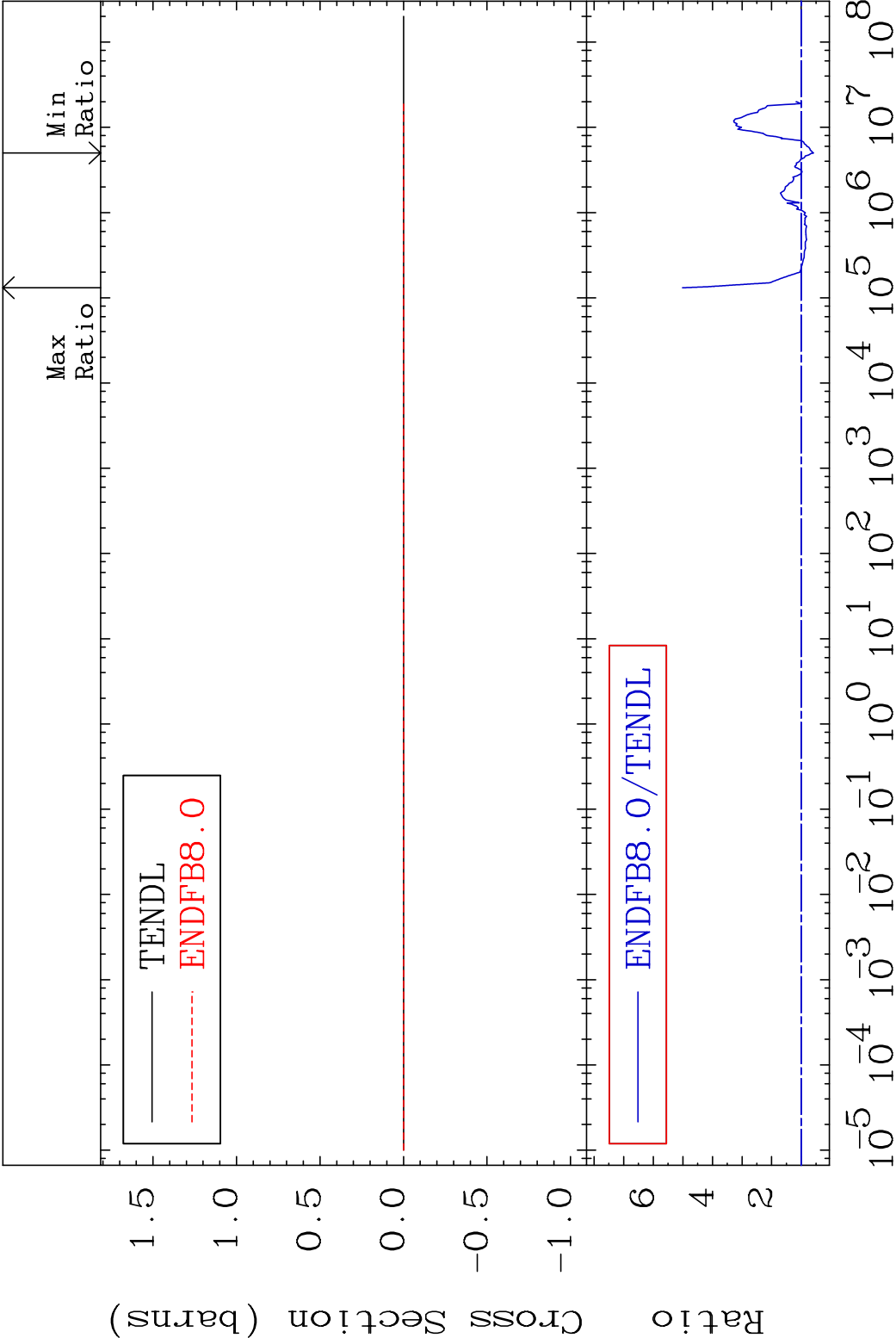
MAT 6049 Kerma non-elastic (all but mt2) 60-Nd-150
Cross Section -99.99 To 2258. %



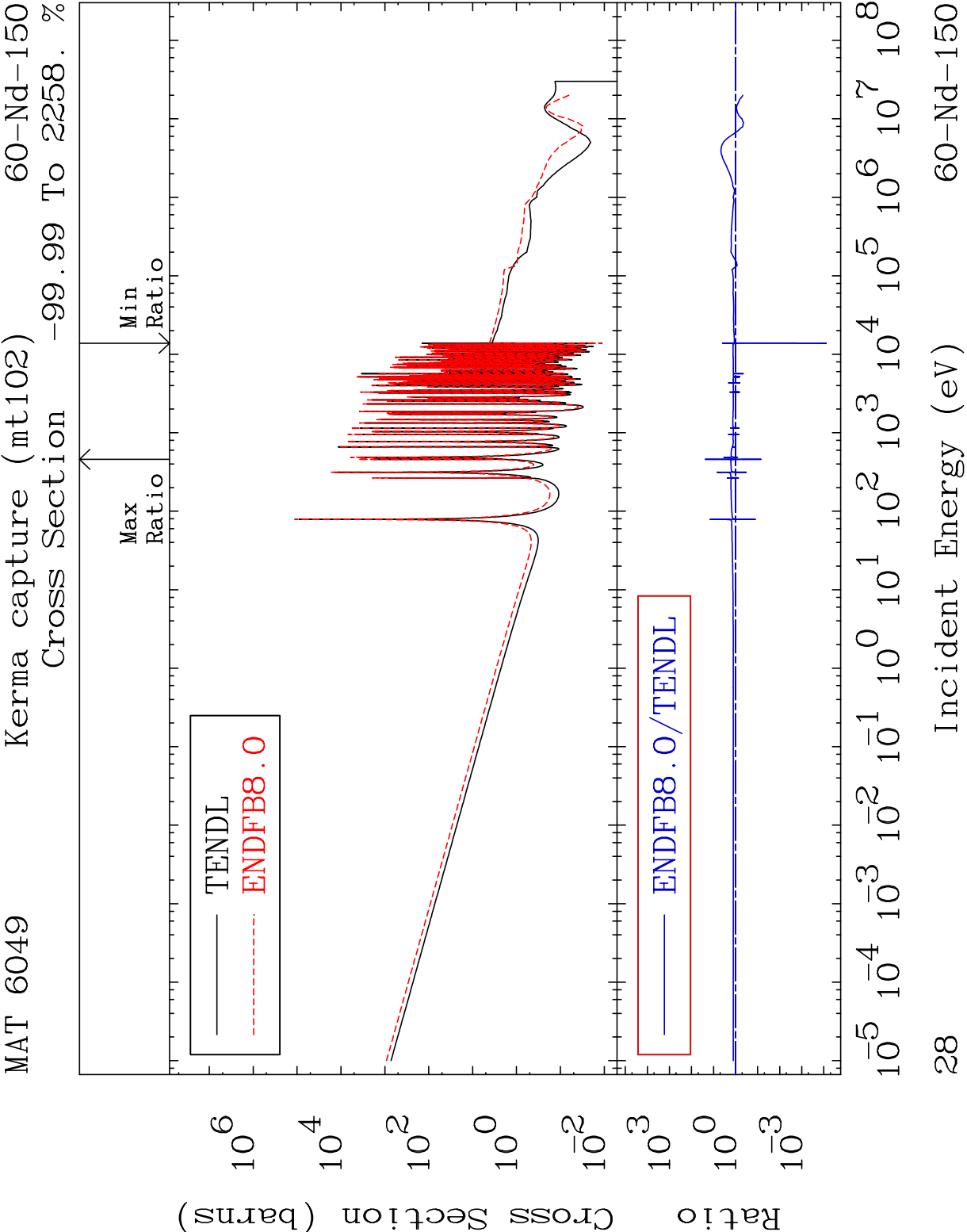
25 Incident Energy (eV) 60-Nd-150

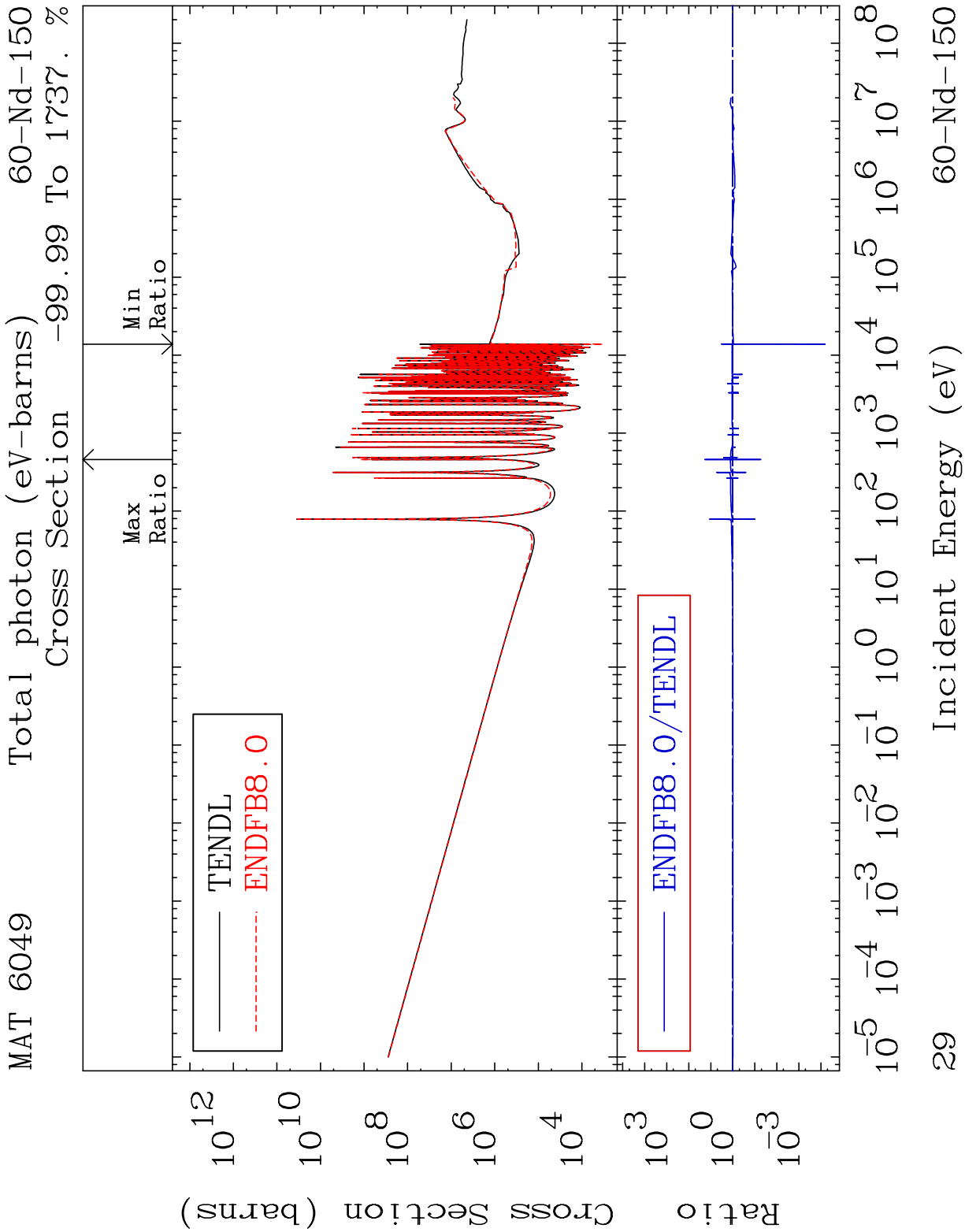


MAT 6049 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-150
Cross Section -41.38 To 401.3 %

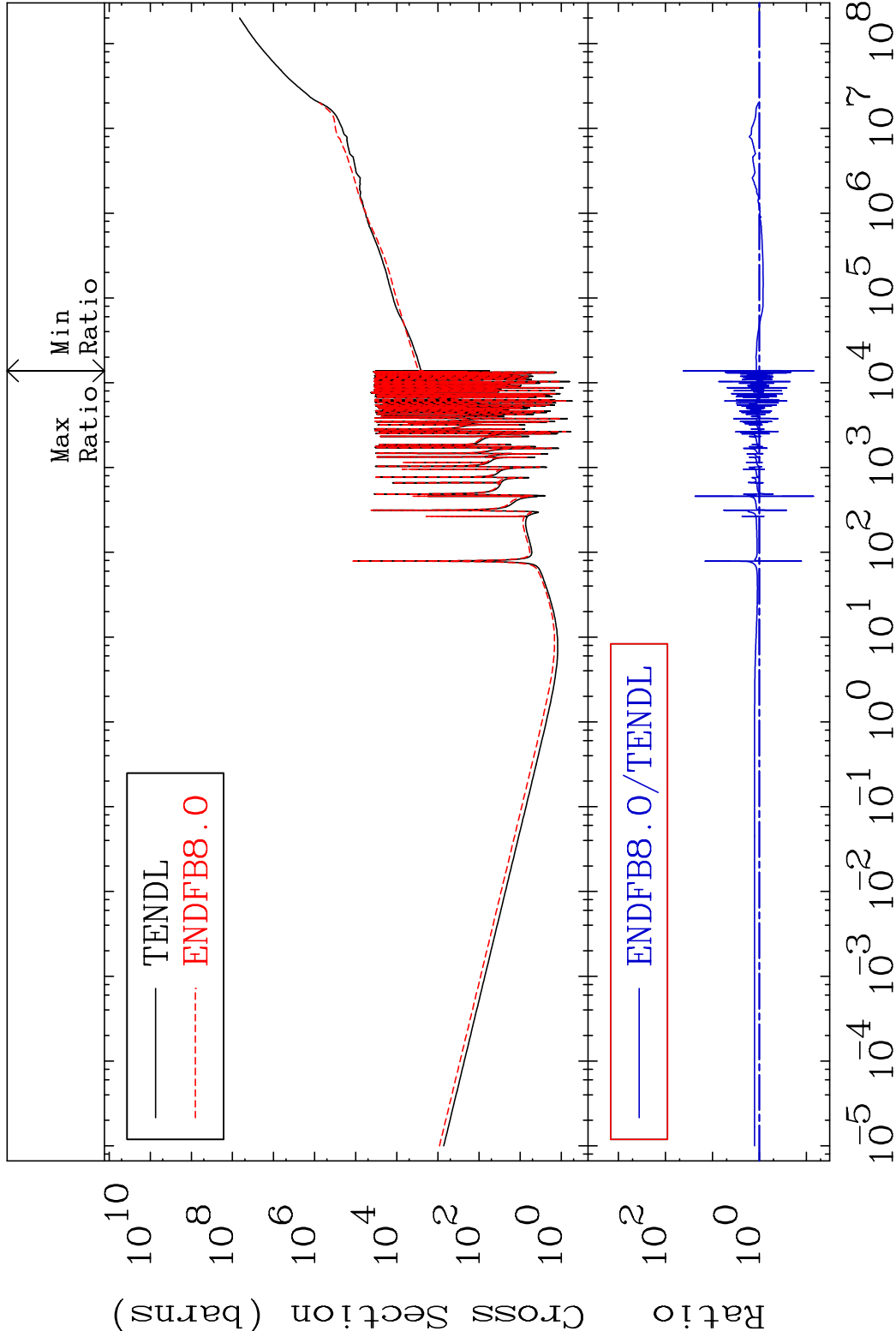


27 Incident Energy (eV) 60-Nd-150

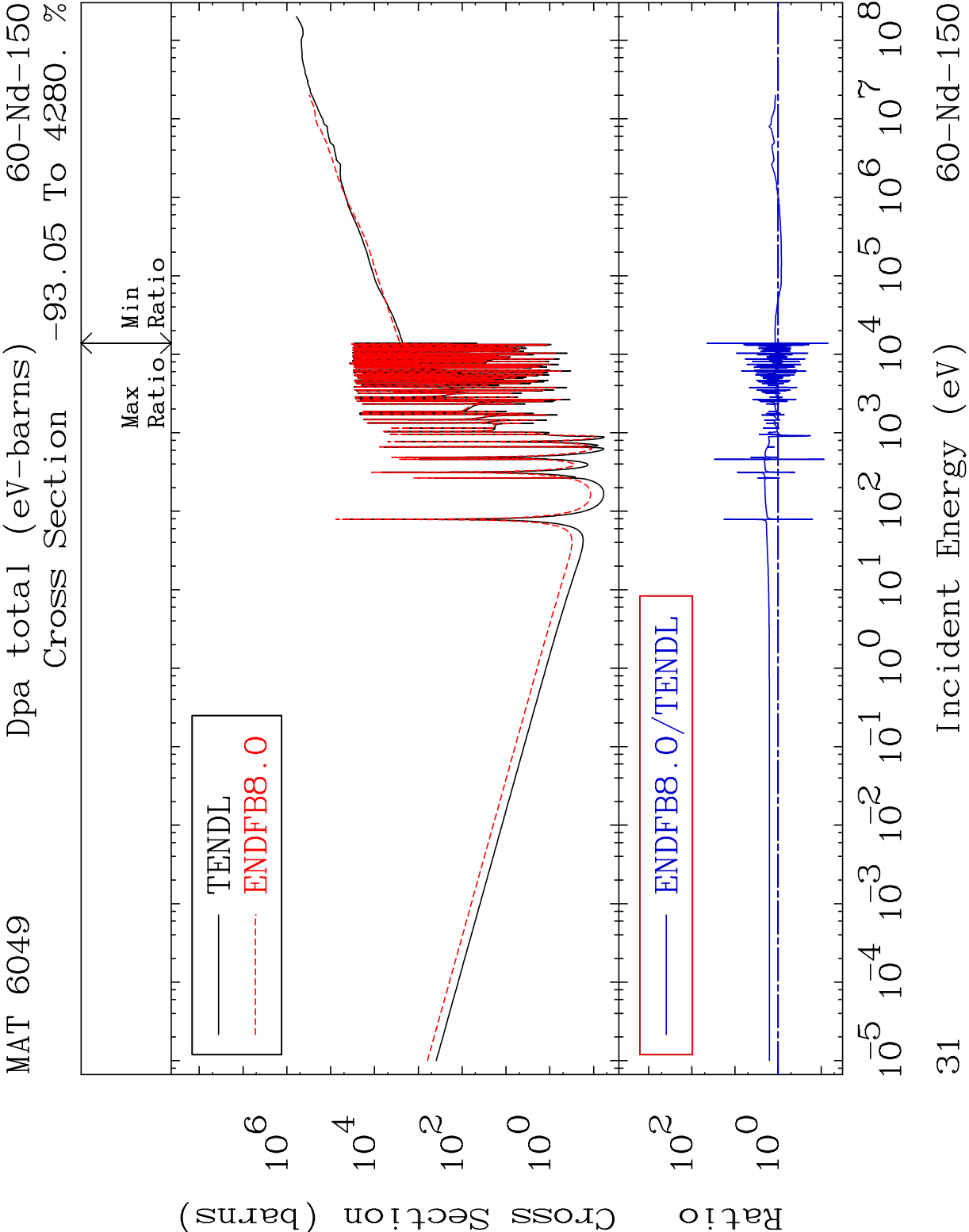




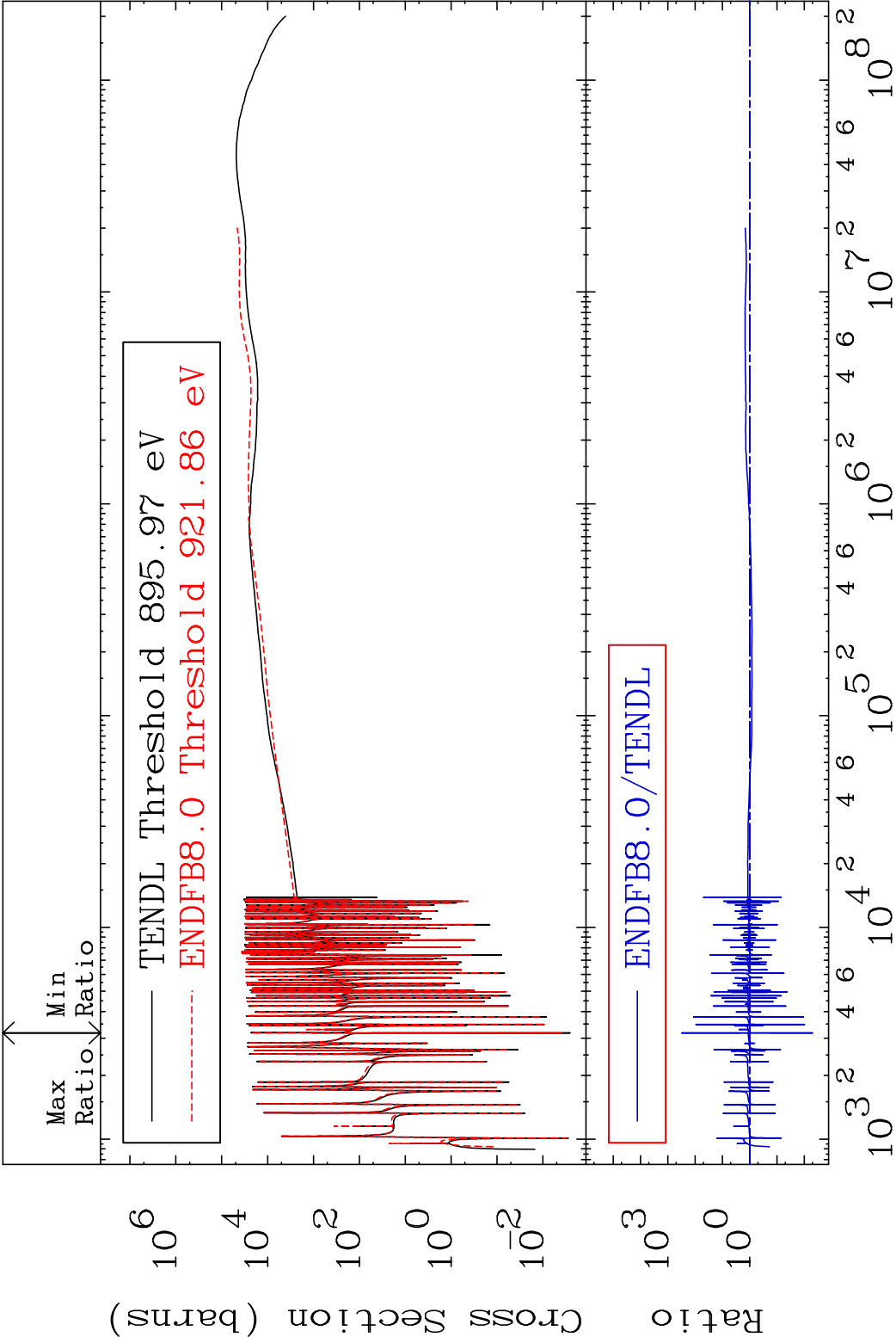
MAT 6049 Total kinematic kerma (high limit) 60-Nd-150
Cross Section -93.06 To 4032. %



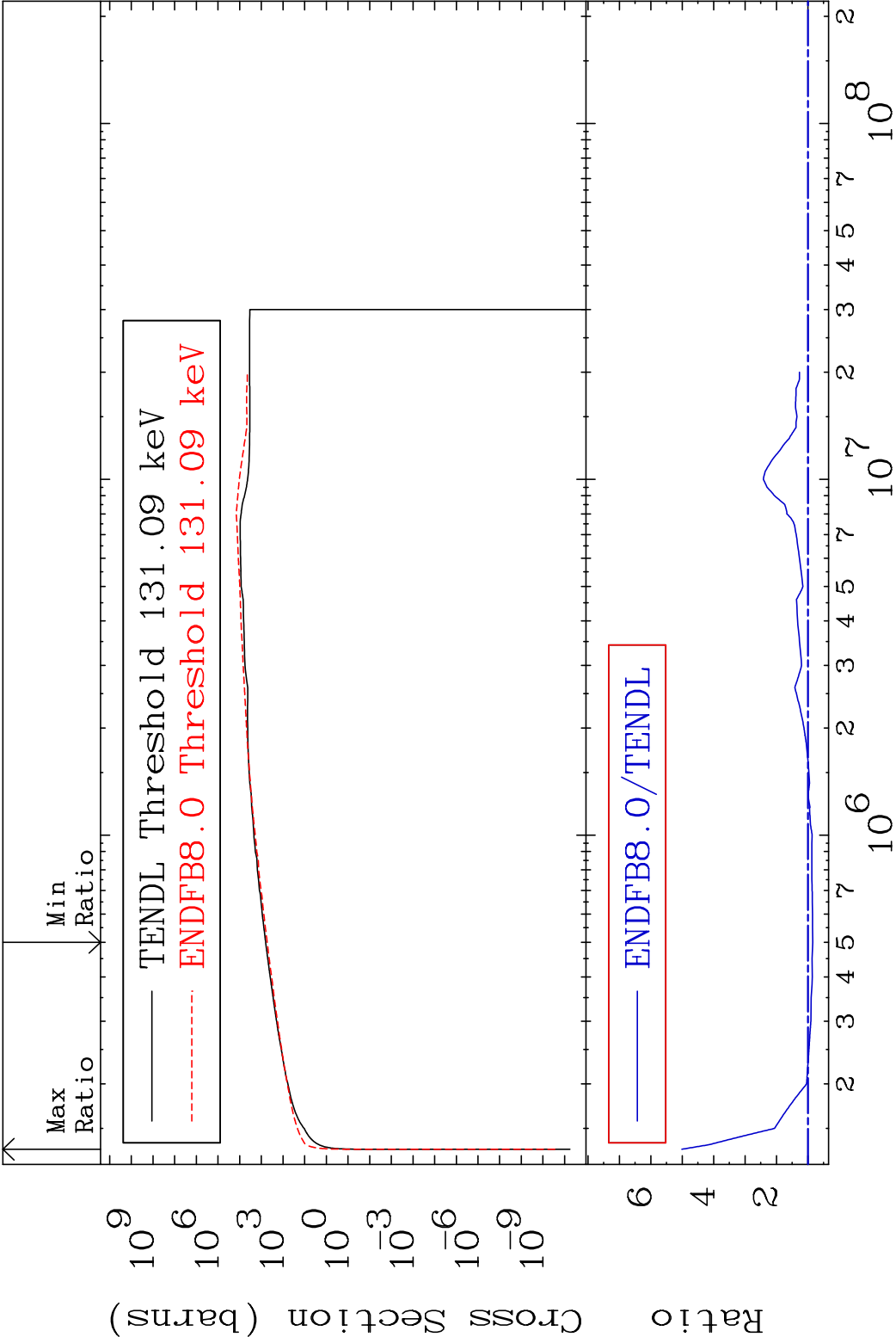
30 Incident Energy (eV) 60-Nd-150



MAT 6049 Dpa elastic (mt2) 60-Nd-150
Cross Section -99.51 To 9999. %



32 Incident Energy (eV) 60-Nd-150



MAT 6049 Dpa disappearance (mt102 -120) 60-Nd-150
Cross Section -99.99 To 2846. %

