

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

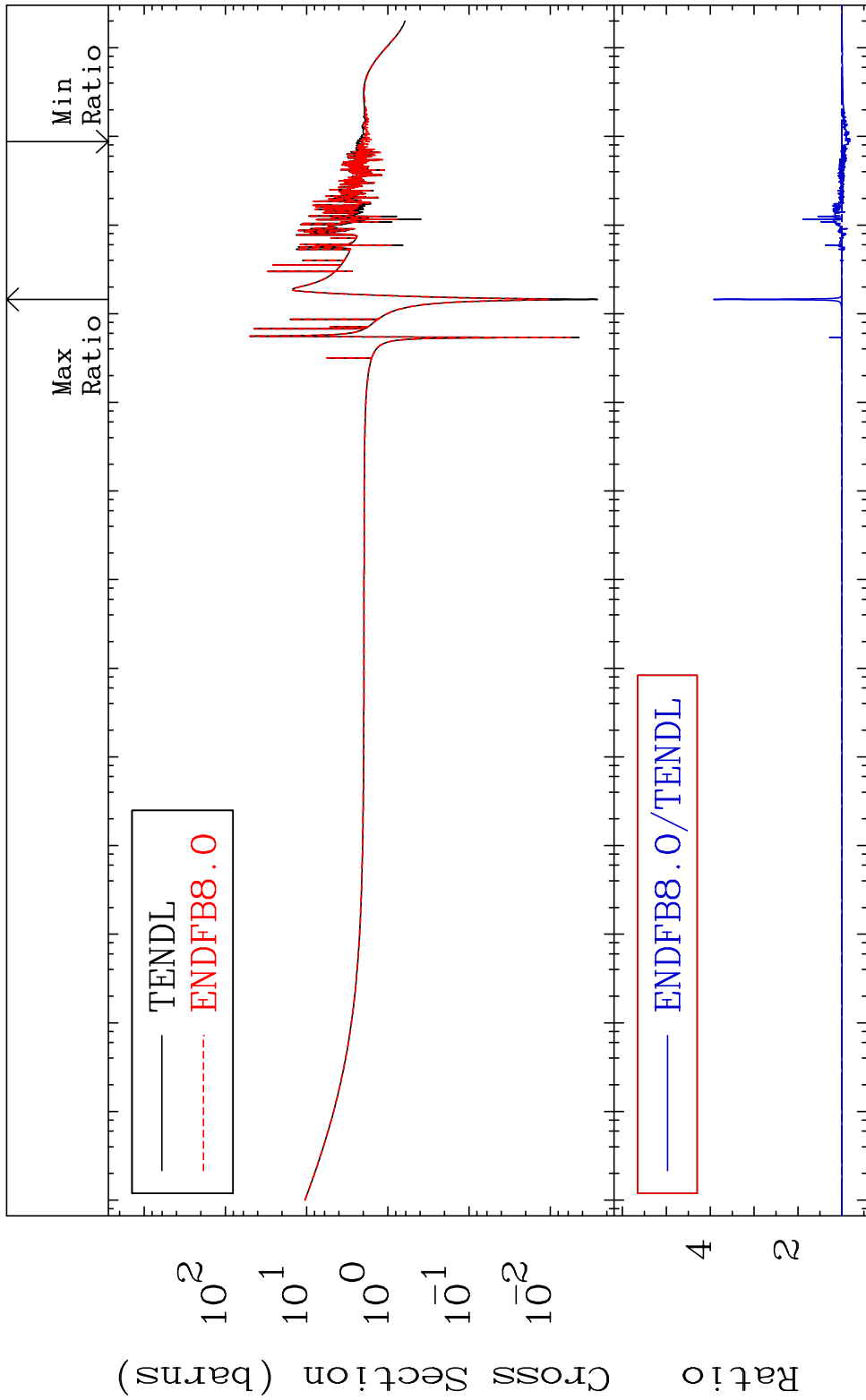
MAT 1425

Total

14-Si-28

Cross Section

-19.01 To 291.8 %



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

1

Incident Energy (eV)

14-Si-28

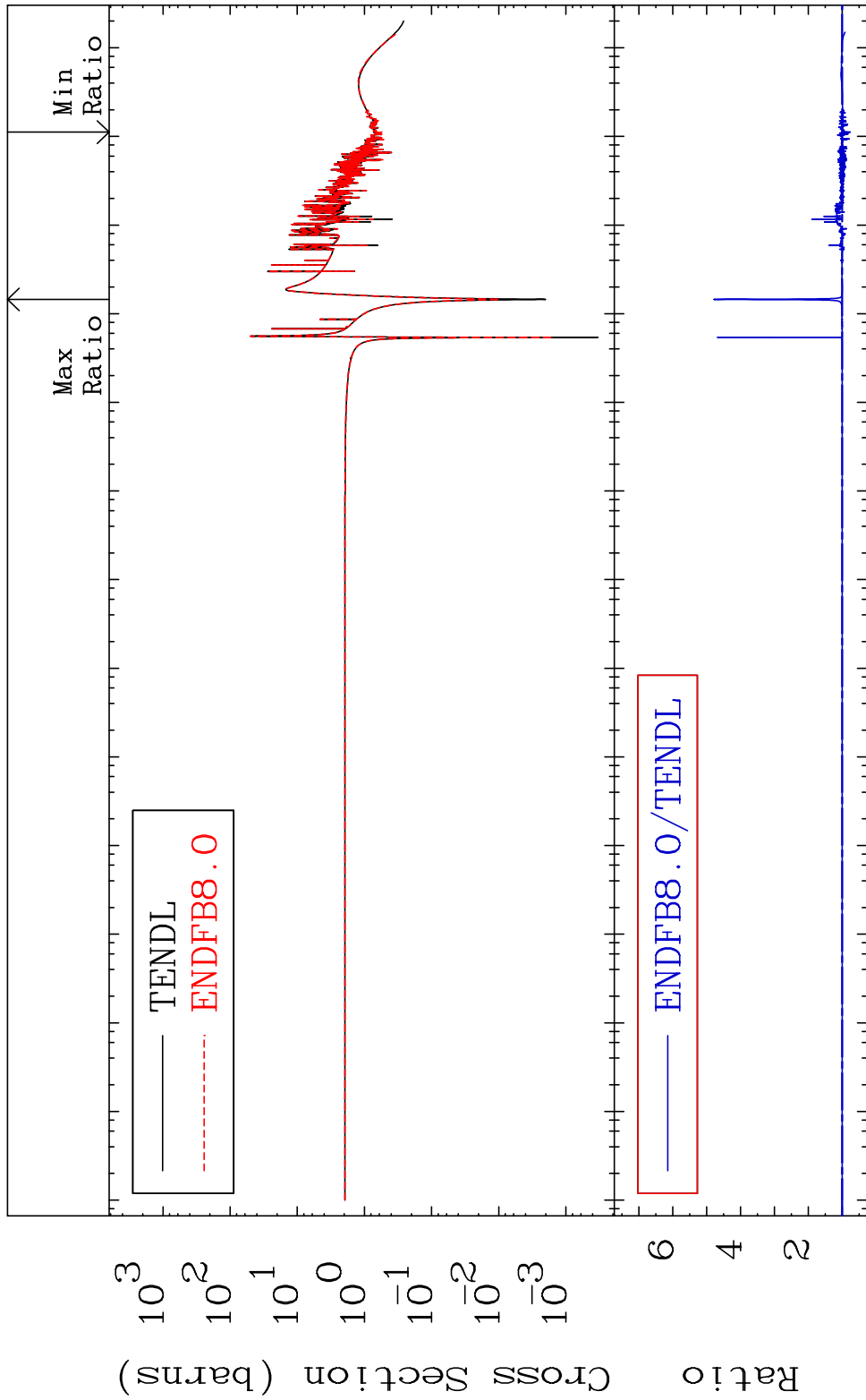
MAT 1425

Elastic

¹⁴Si-28

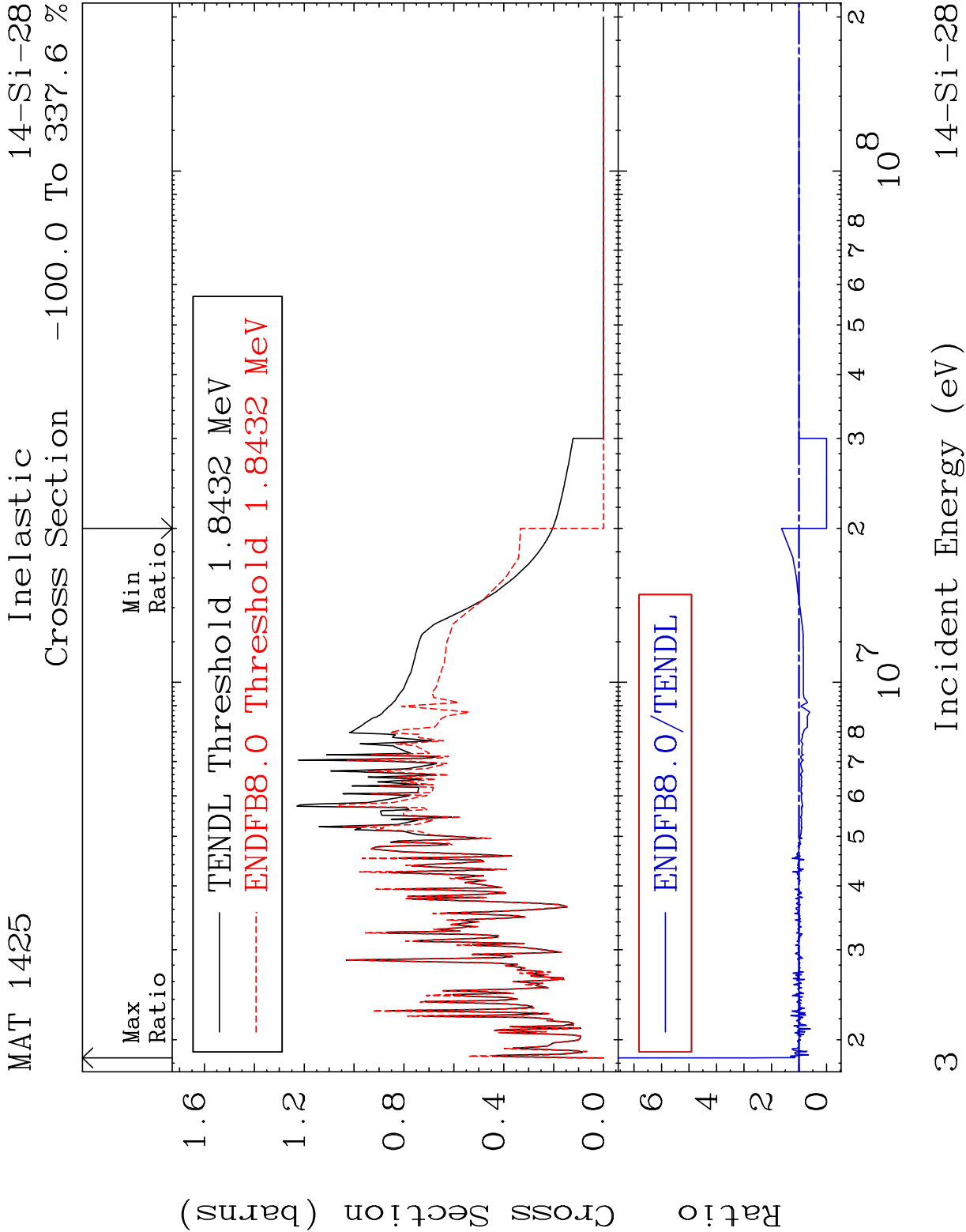
Cross Section

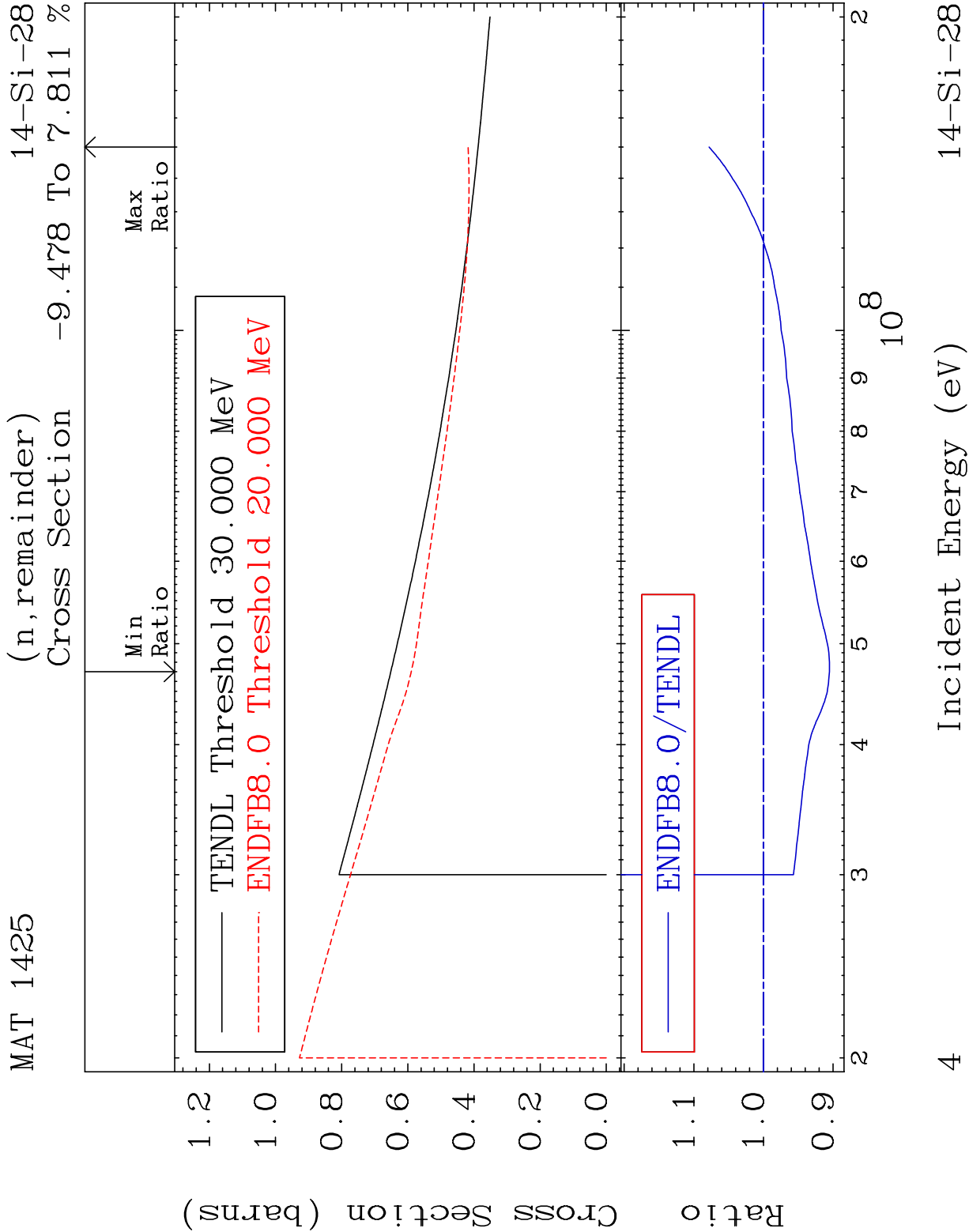
-23.97 To 378.0 %

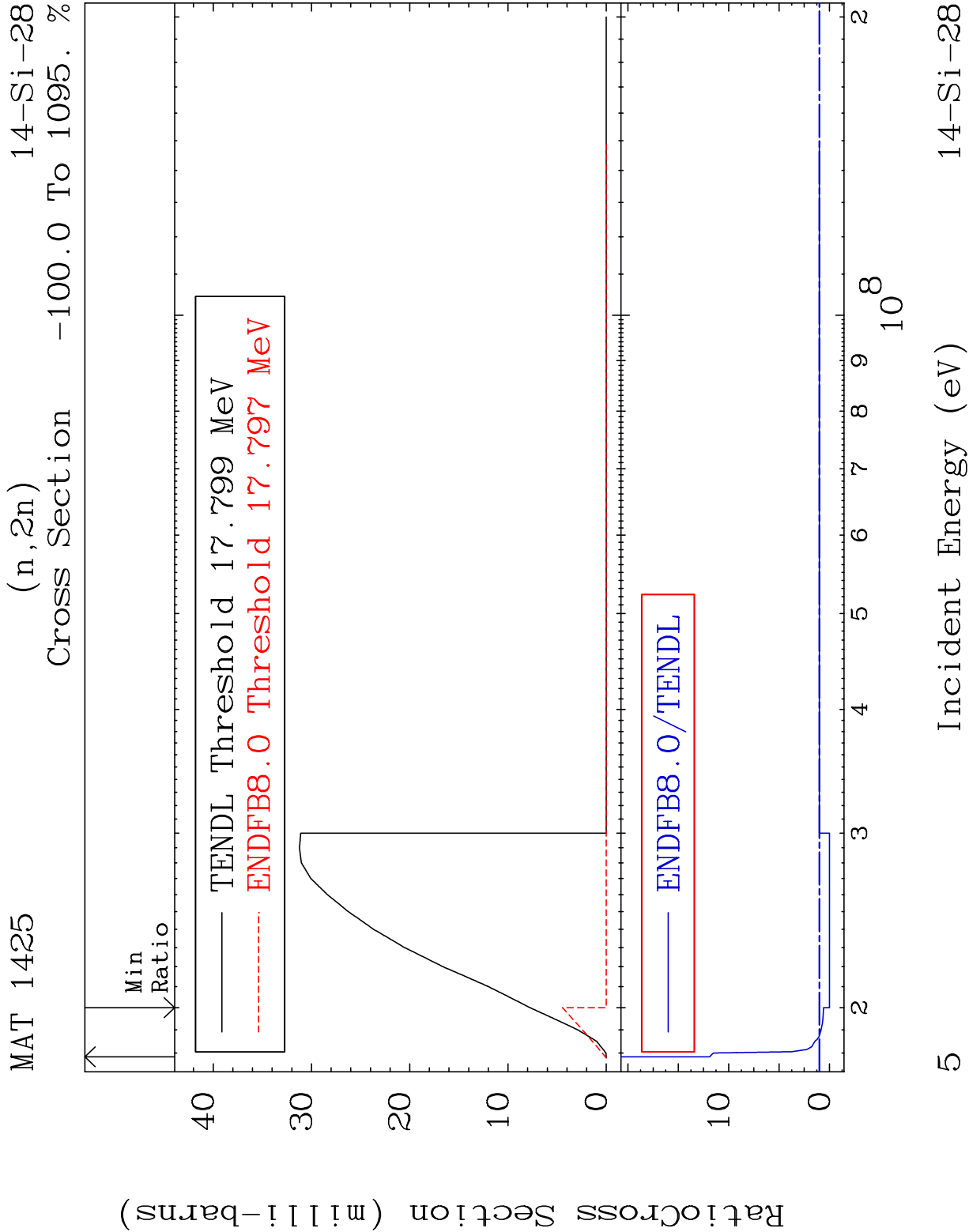


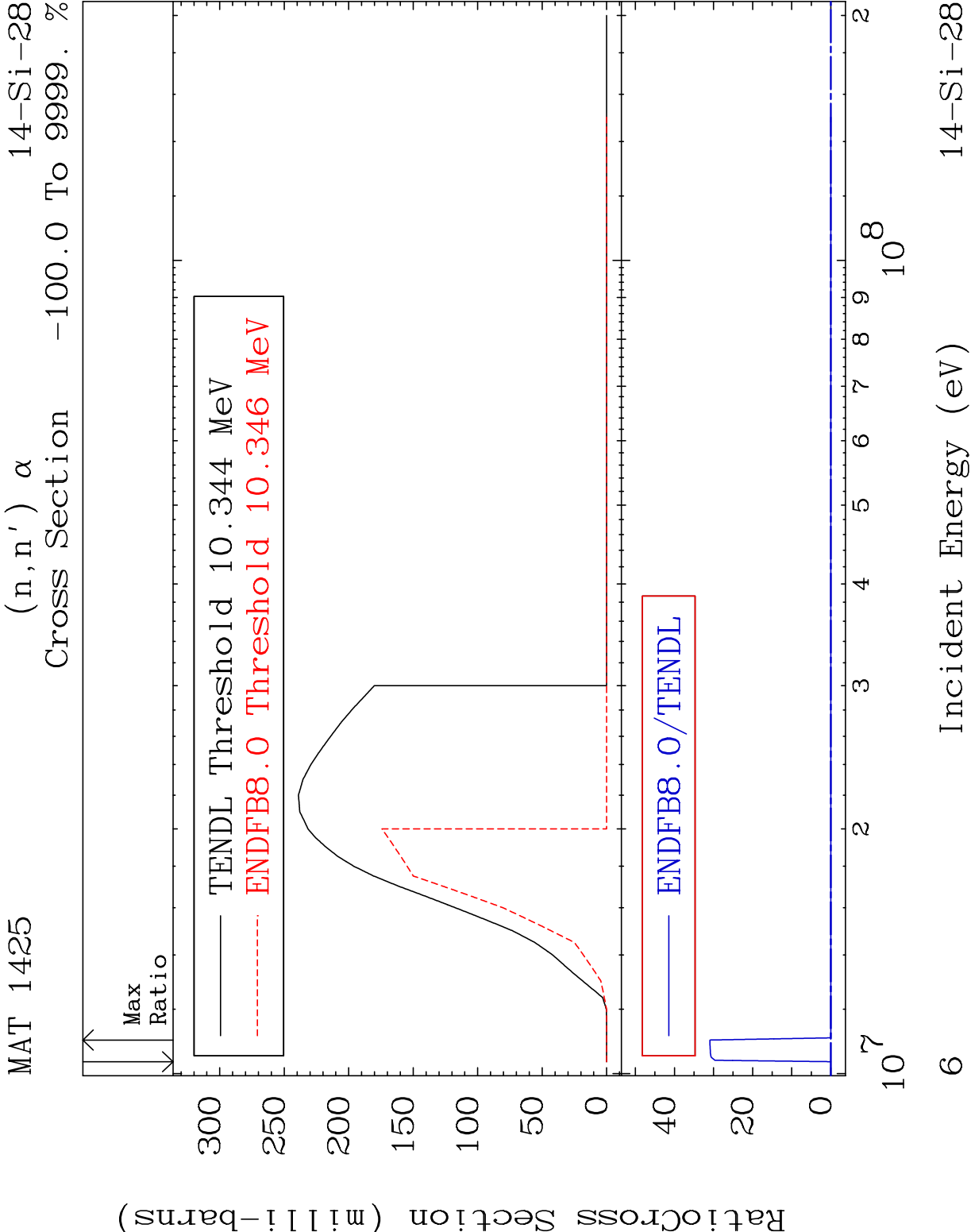
Incident Energy (eV)

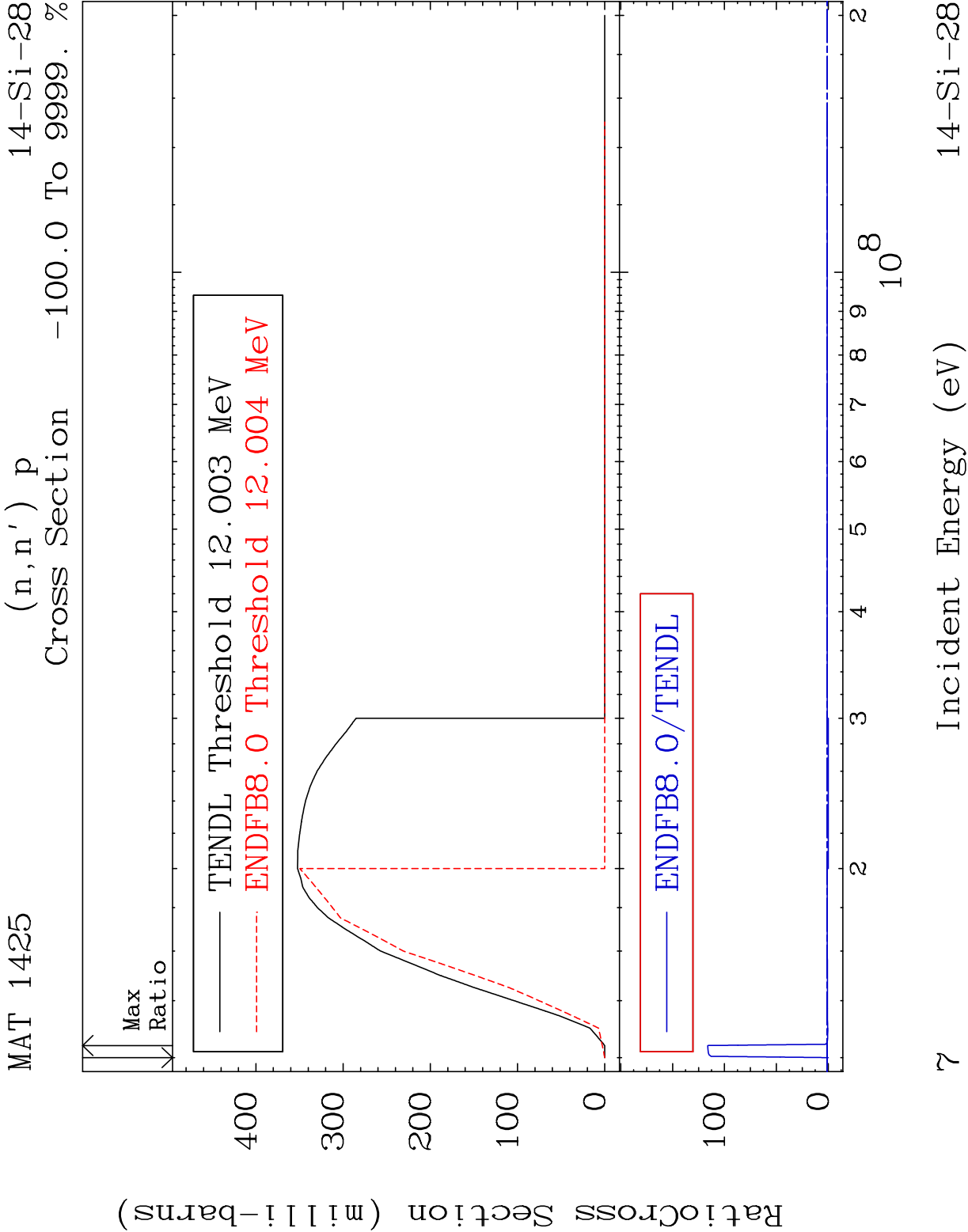
¹⁴Si-28



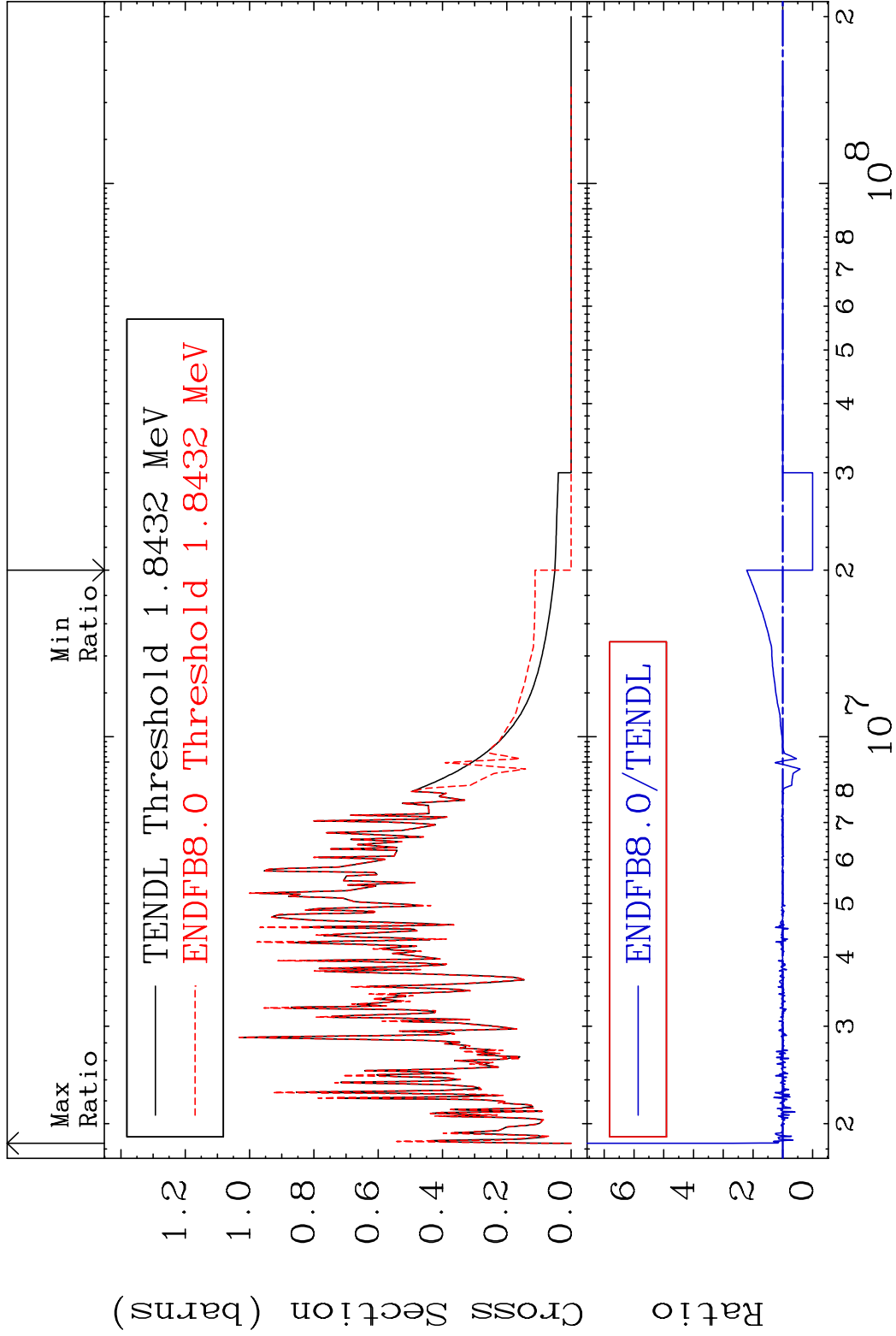


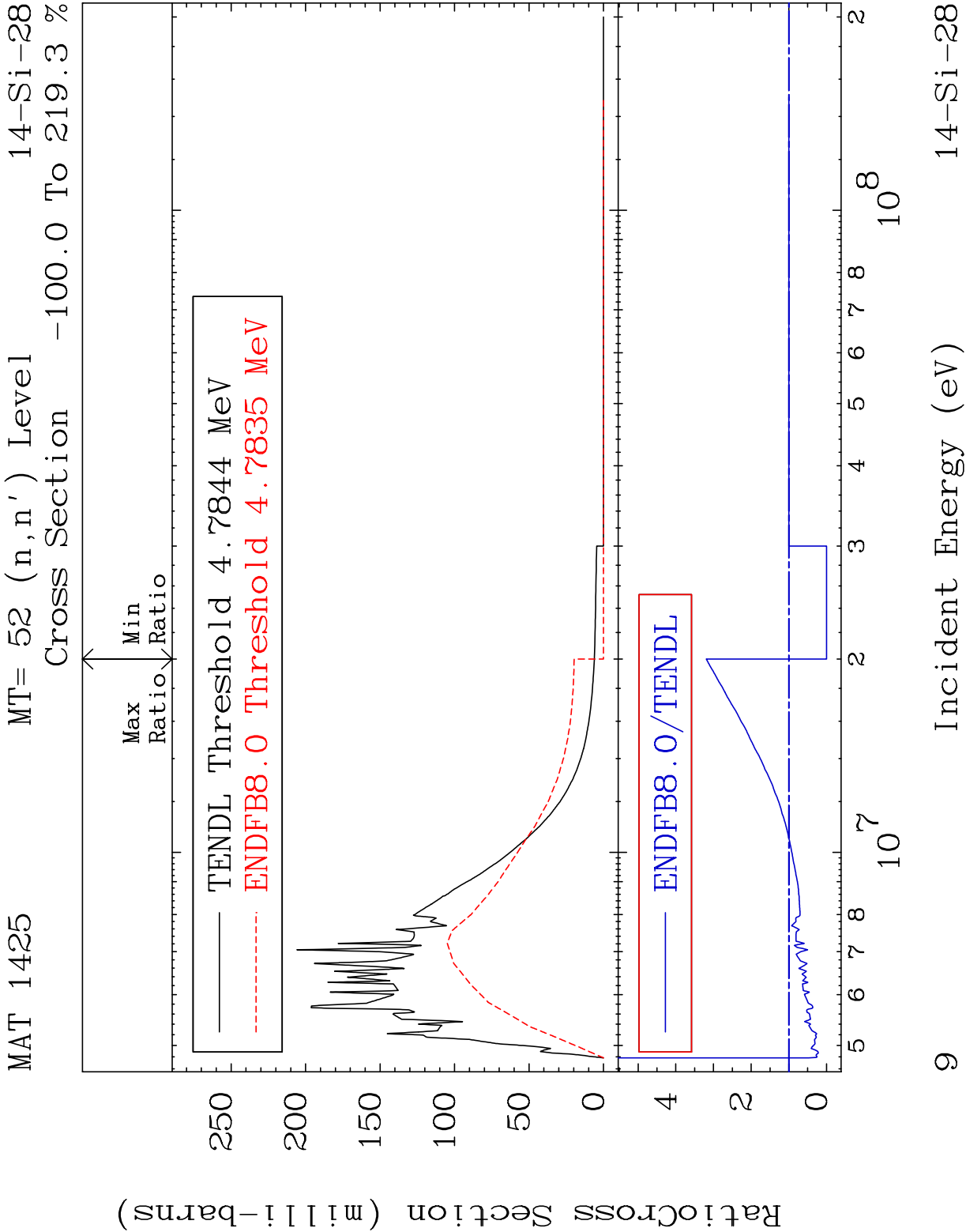


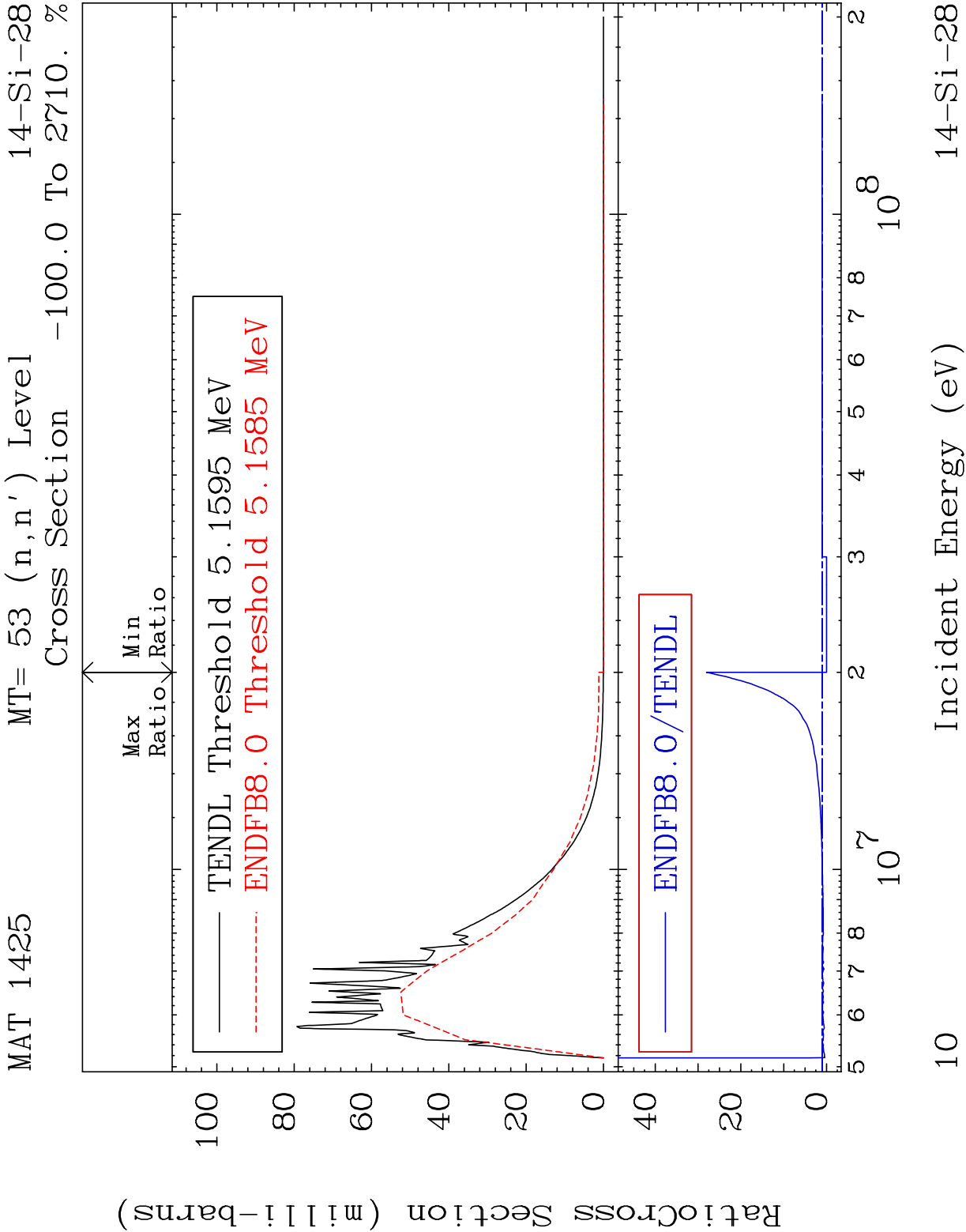




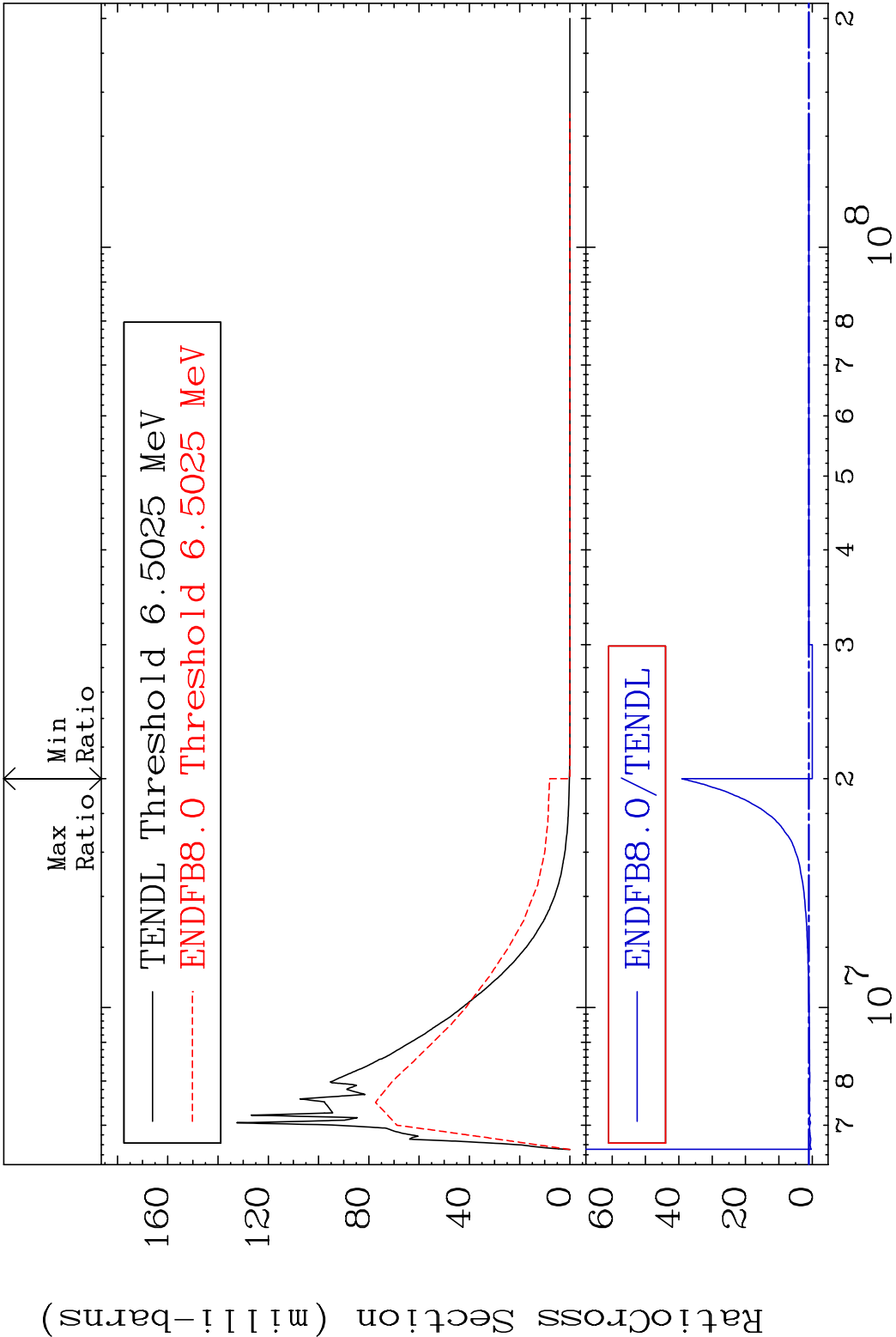
MAT 1425 MT= 51 (n,n') Level 14-Si-28
Cross Section -100.0 To 337.6 %



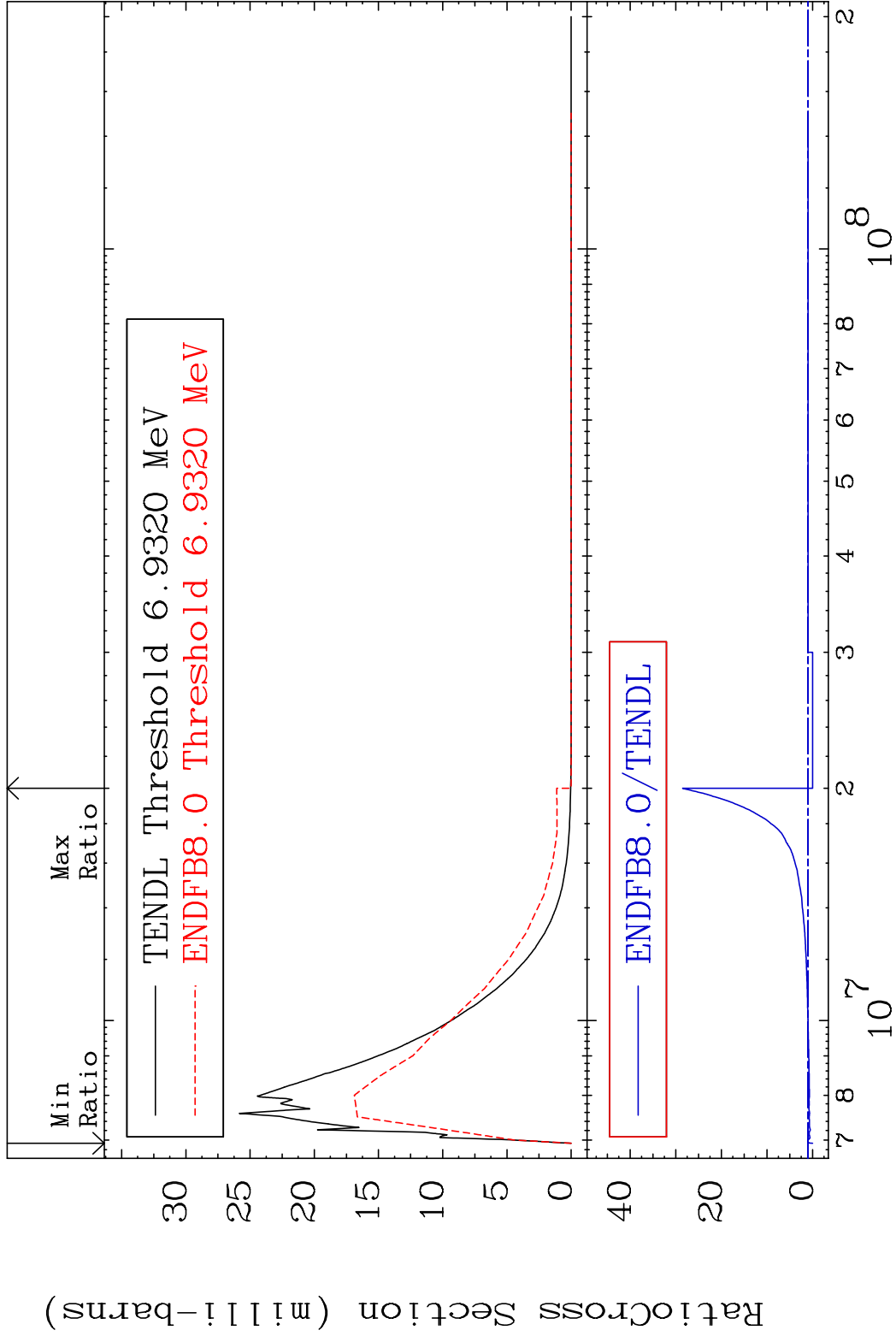




MAT 1425 MT= 54 (n,n') Level 14-Si-28
 Cross Section -100.0 To 3819. %

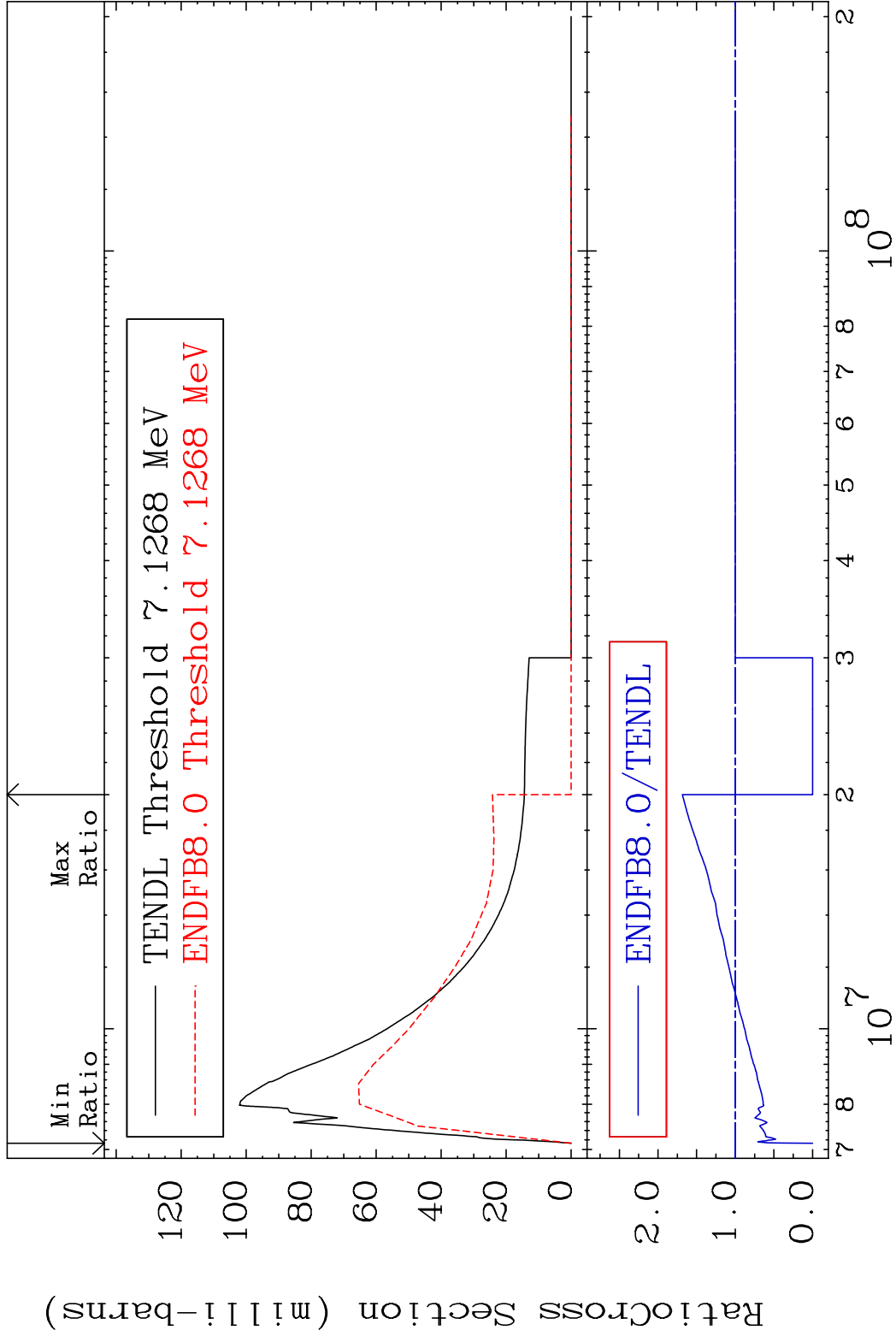


MAT 1425 MT= 55 (n,n') Level 14-Si-28
Cross Section -100.0 To 2757. %



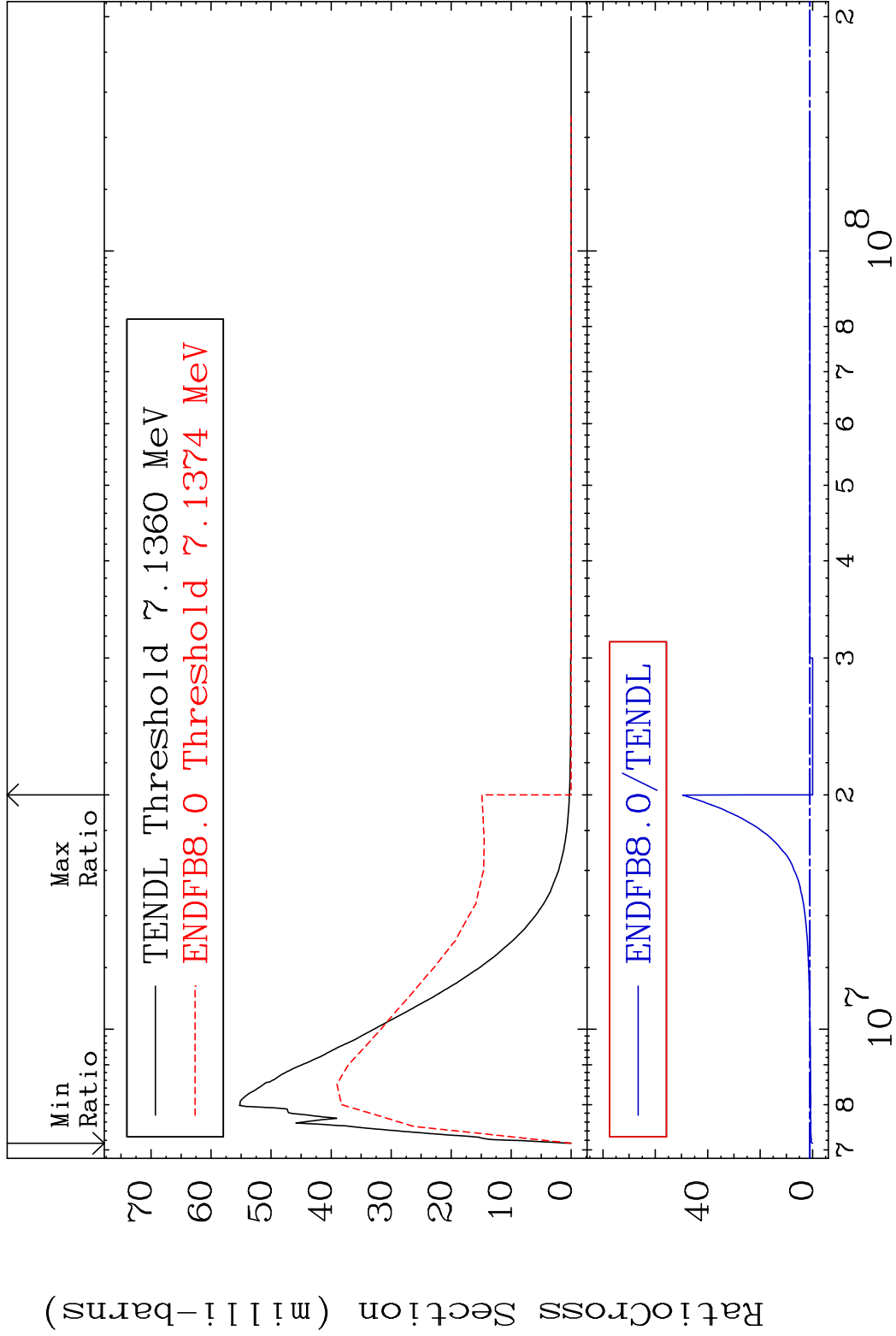
12 Incident Energy (eV) 14-Si-28

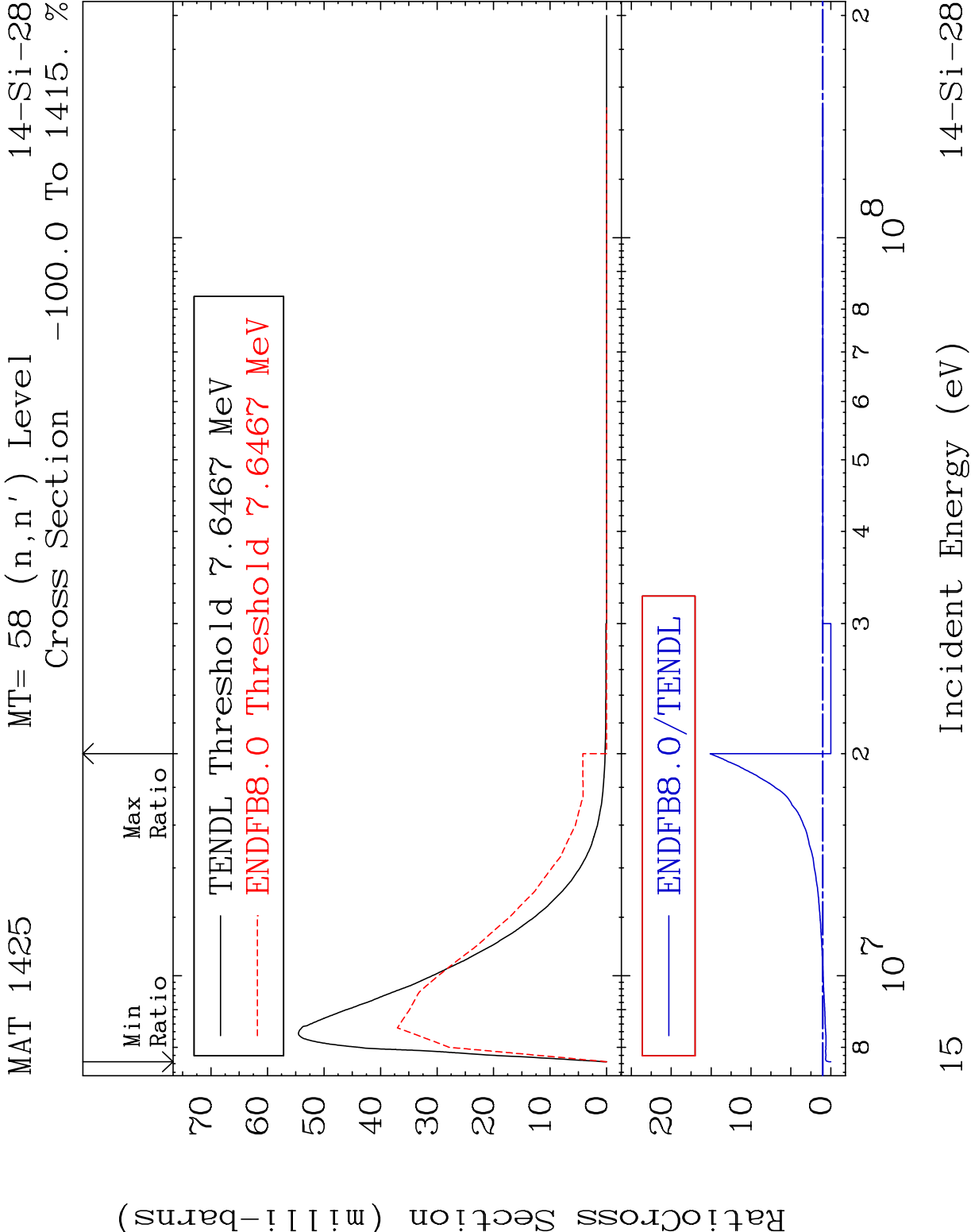
MAT 1425 MT= 56 (n,n') Level 14-Si-28
Cross Section -100.0 To 68.48 %

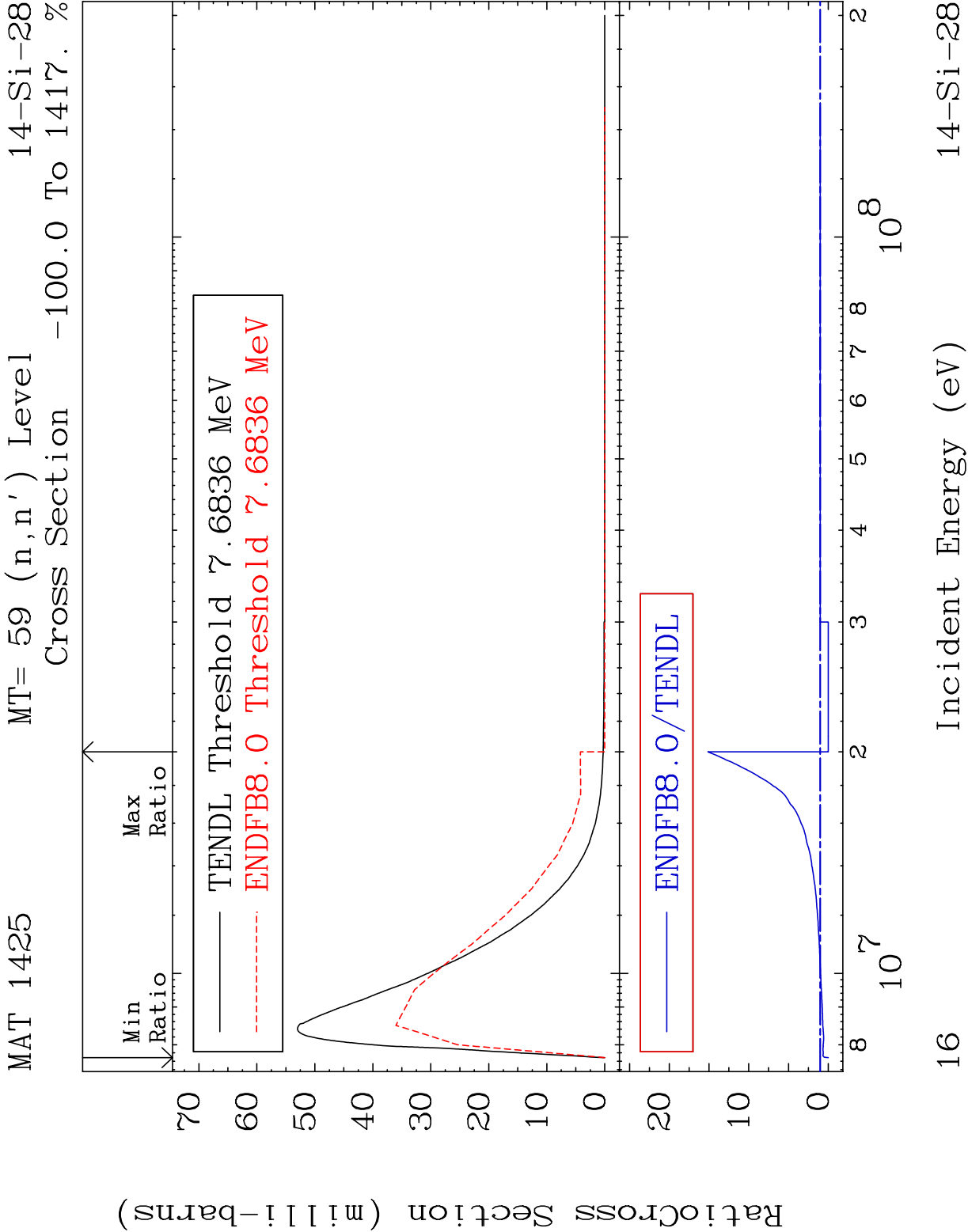


13 Incident Energy (eV) 14-Si-28

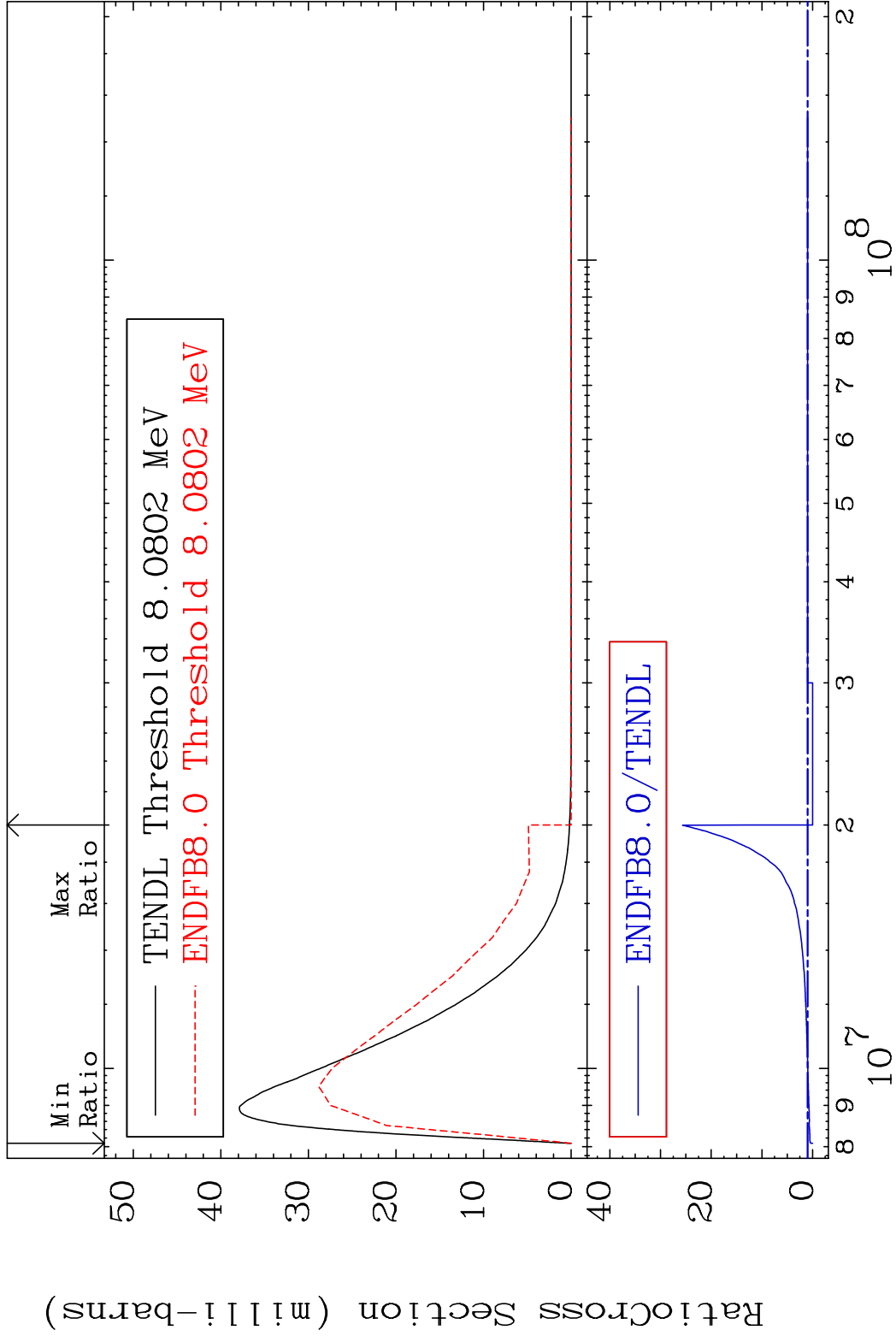
MAT 1425 MT= 57 (n,n') Level 14-Si-28
Cross Section -100.0 To 4869. %



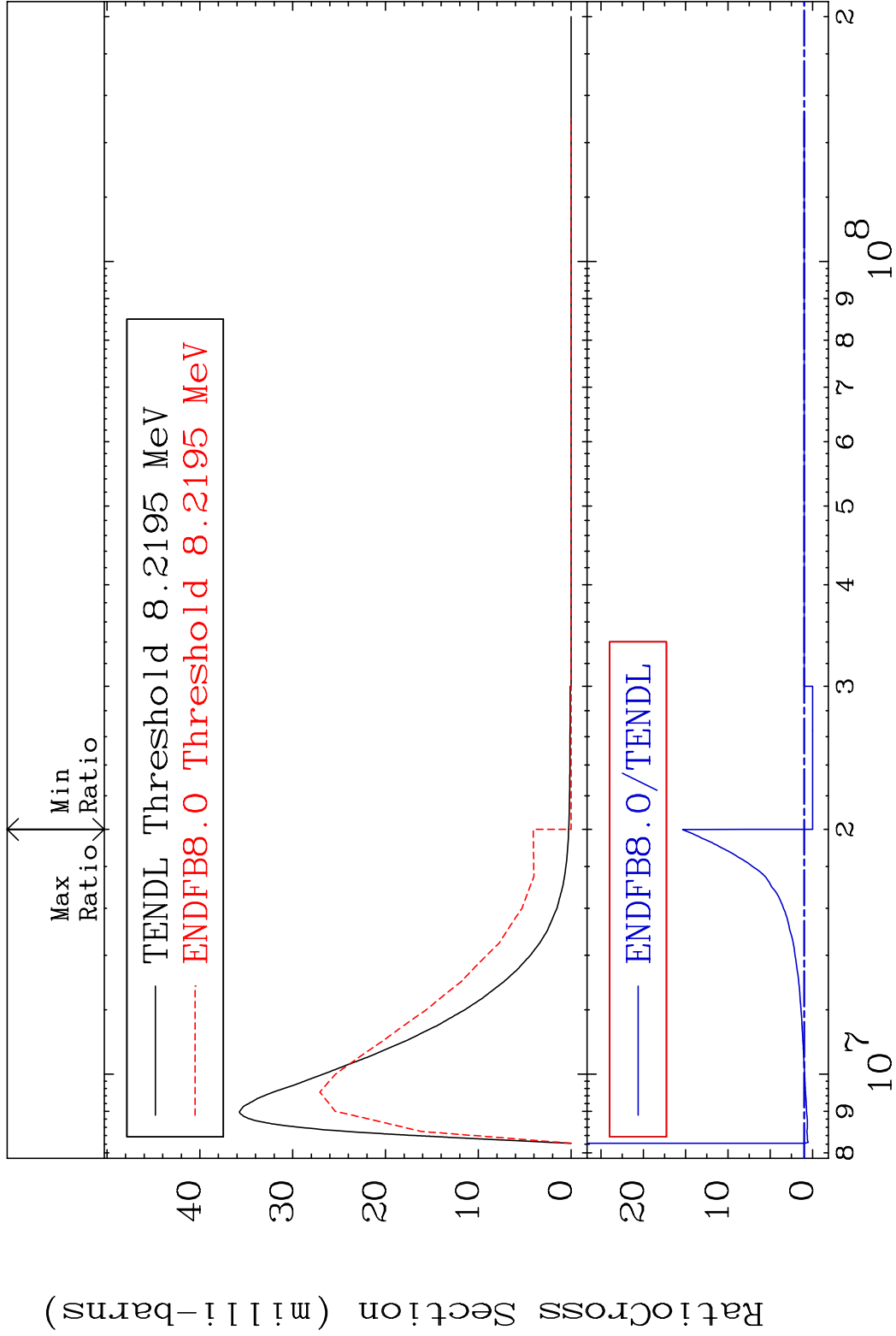




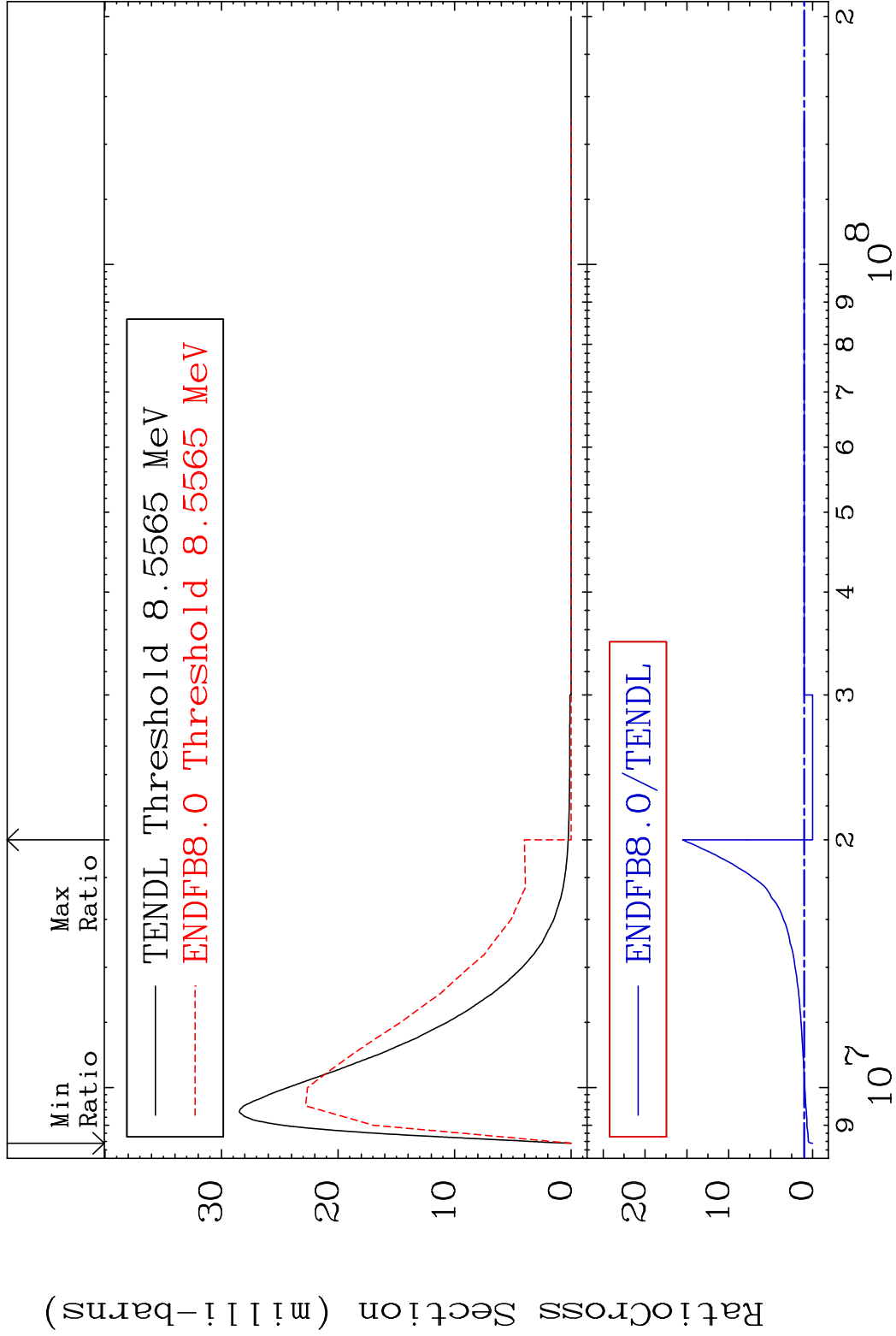
MAT 1425 MT= 60 (n,n') Level 14-Si-28
Cross Section -100.0 To 2470. %



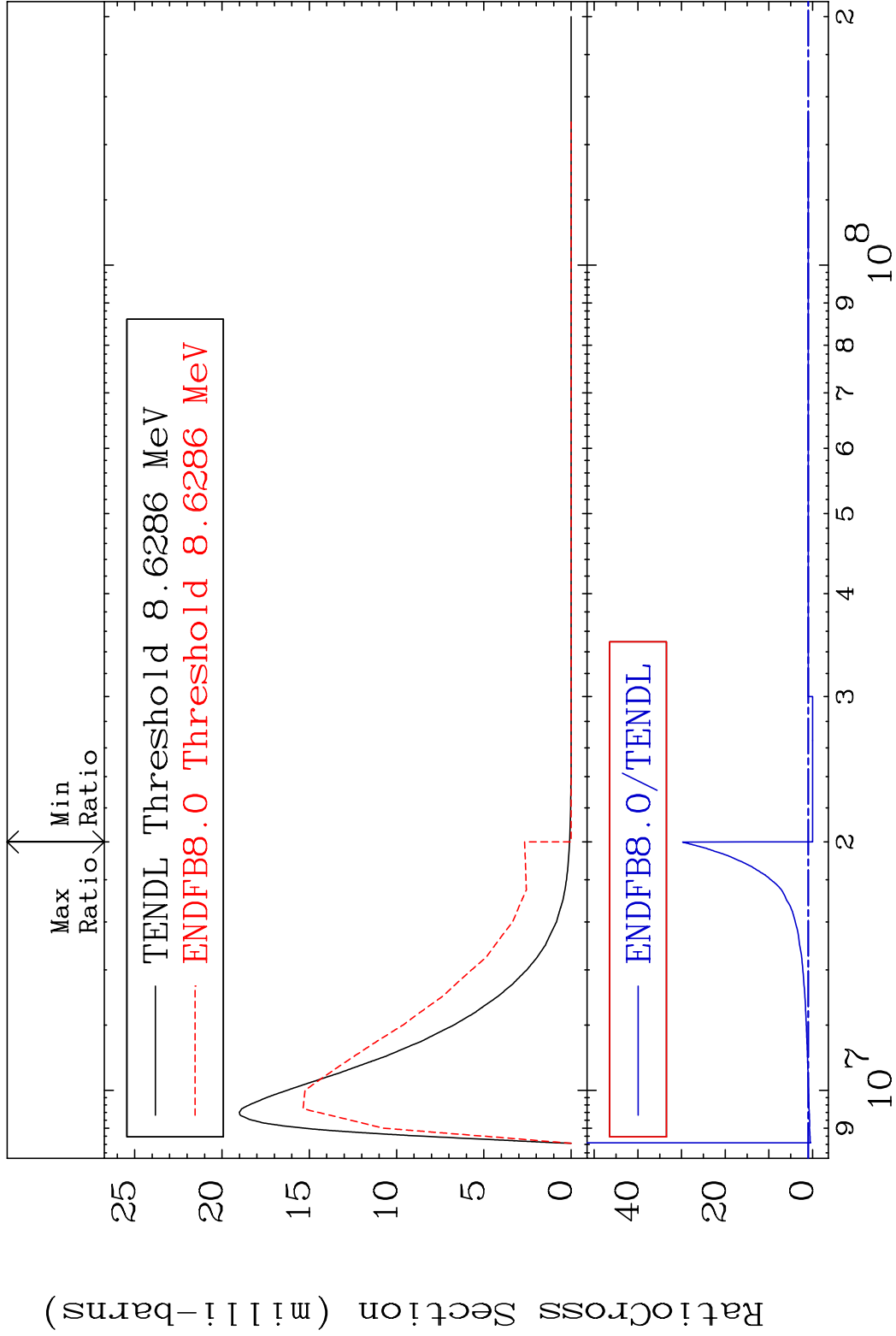
MAT 1425 MT= 61 (n,n') Level 14-Si-28
Cross Section -100.0 To 1439. %



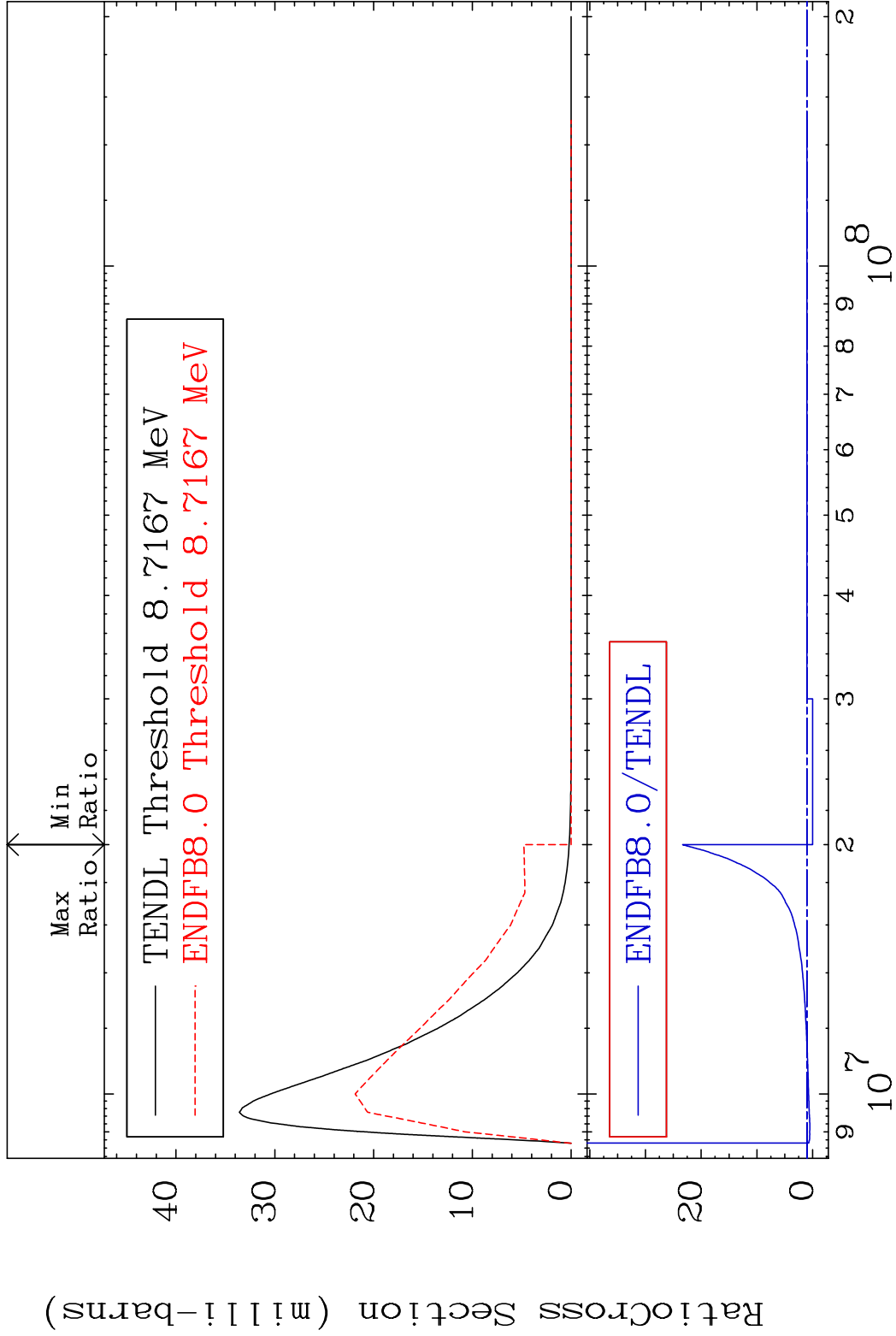
MAT 1425 MT= 62 (n,n') Level 14-Si-28
Cross Section -100.0 To 1454. %



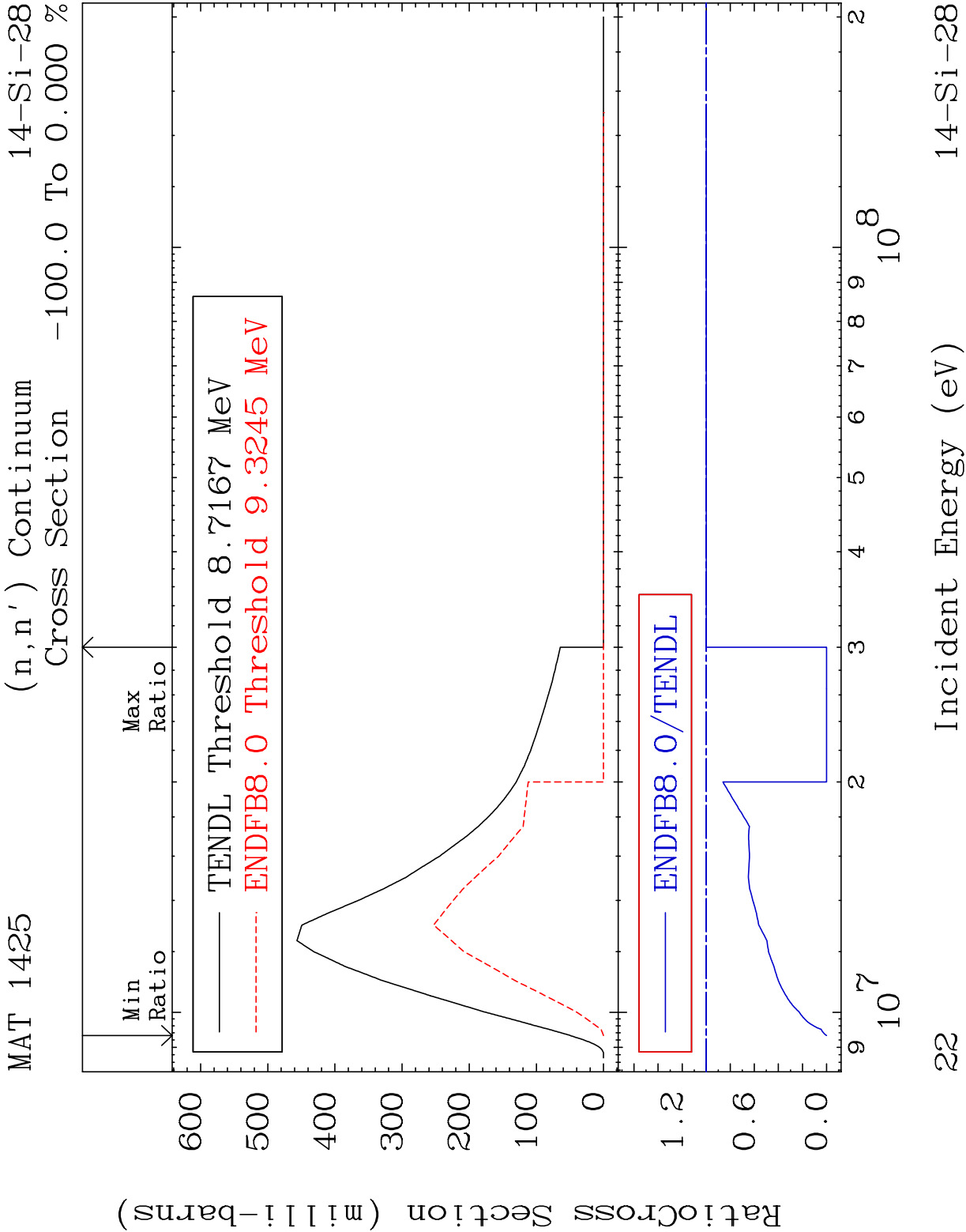
MAT 1425 MT= 63 (n,n') Level 14-Si-28
Cross Section -100.0 To 2882. %

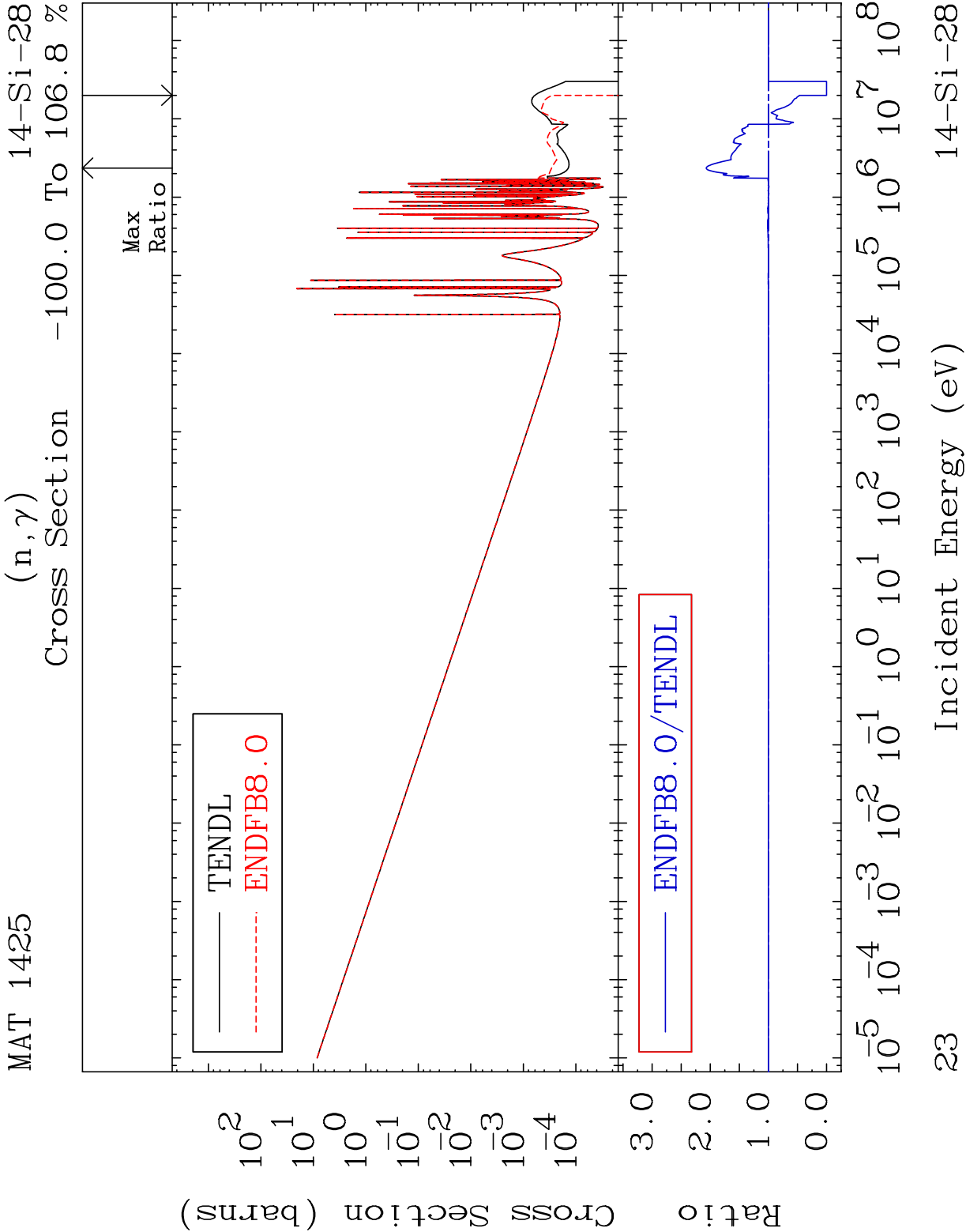


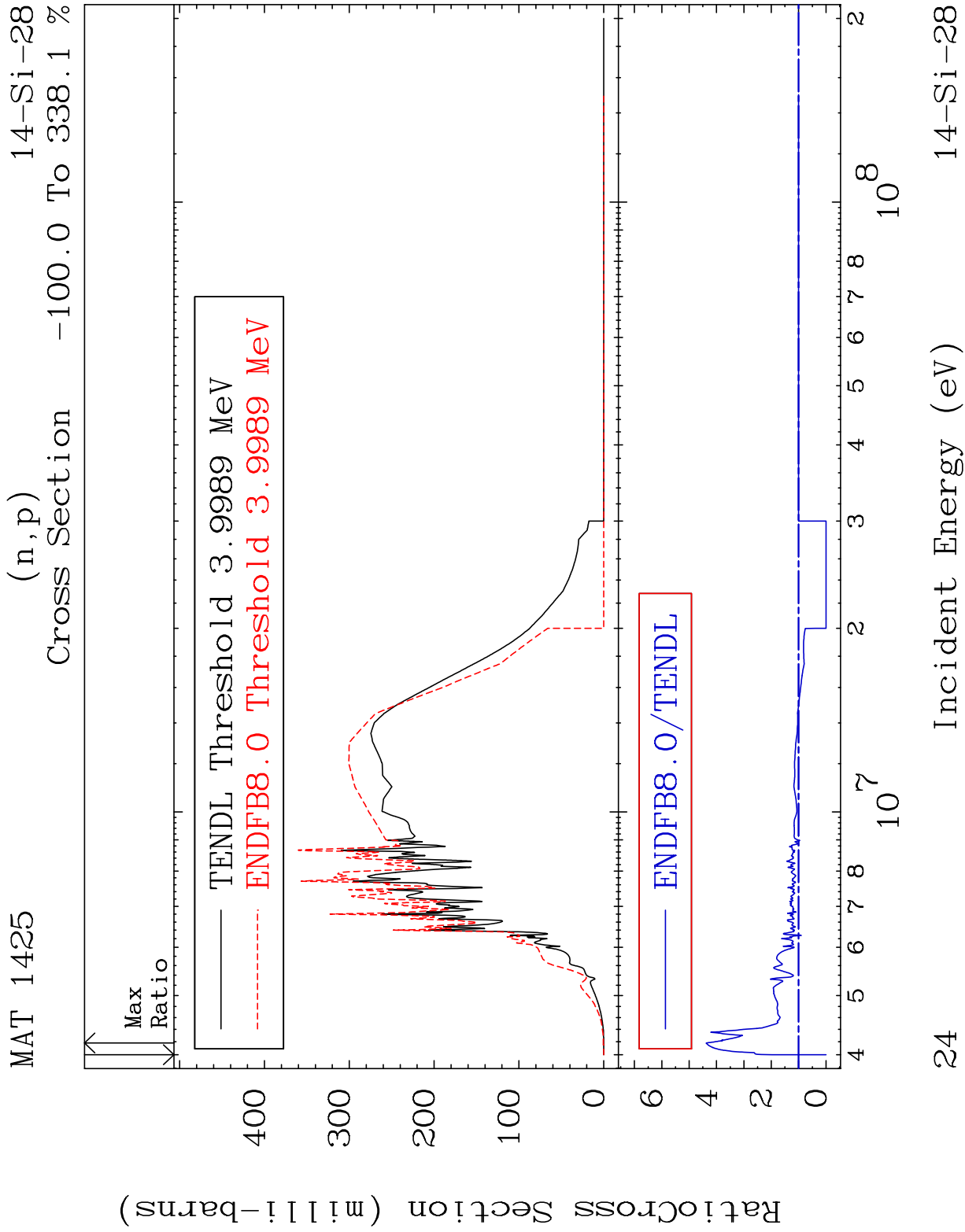
MAT 1425 MT= 64 (n,n') Level 14-Si-28
Cross Section -100.0 To 2238. %

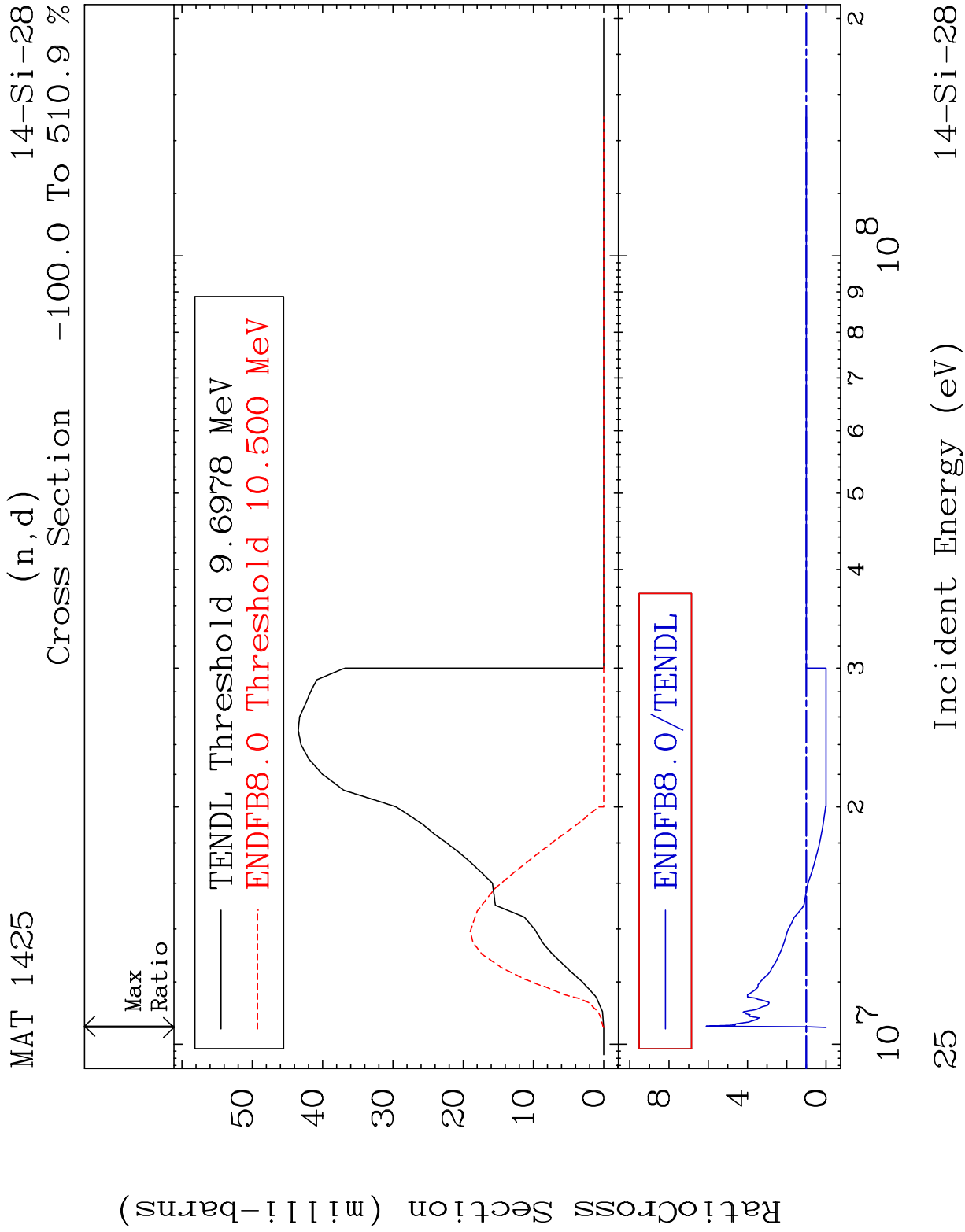


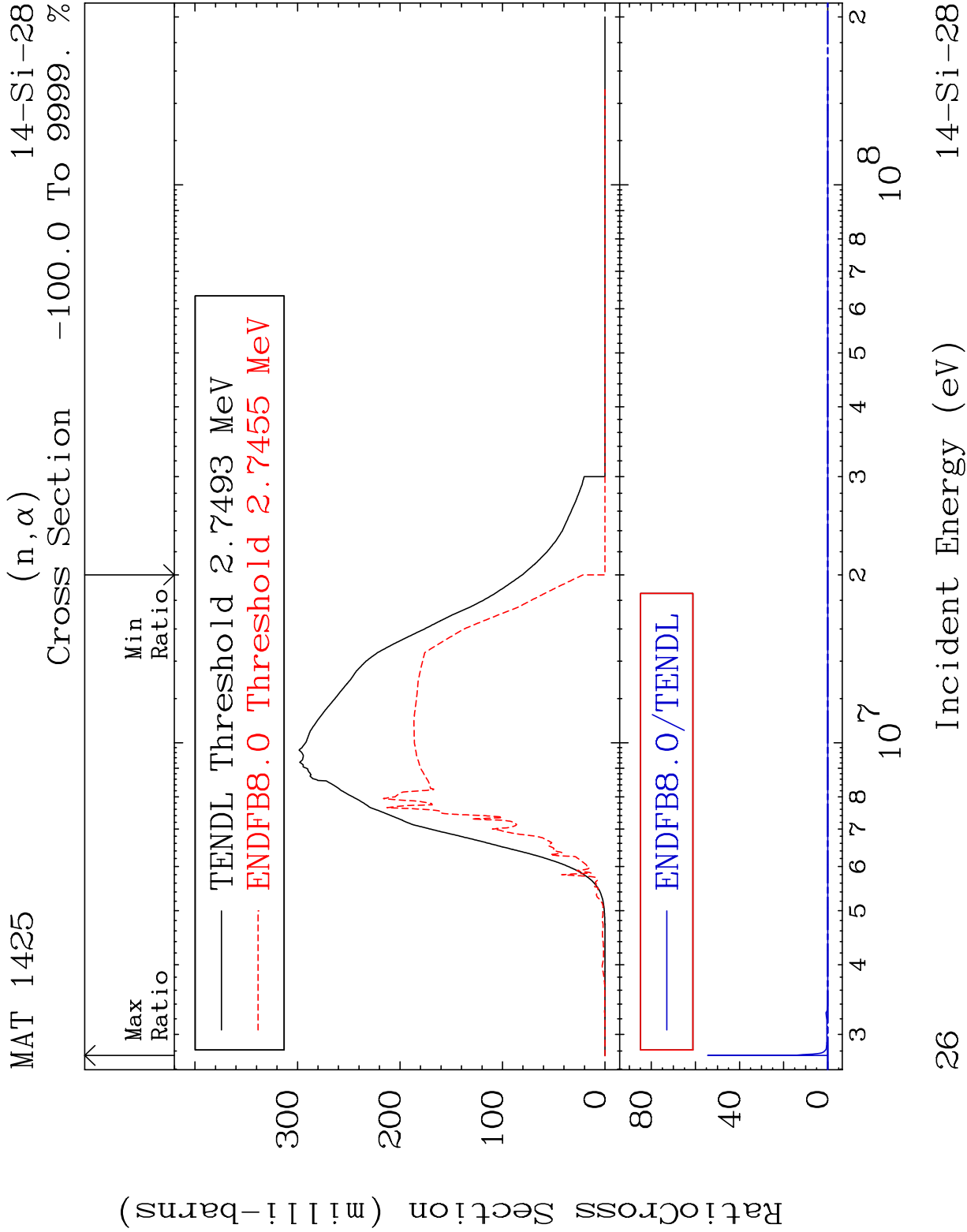
21 Incident Energy (eV) 14-Si-28

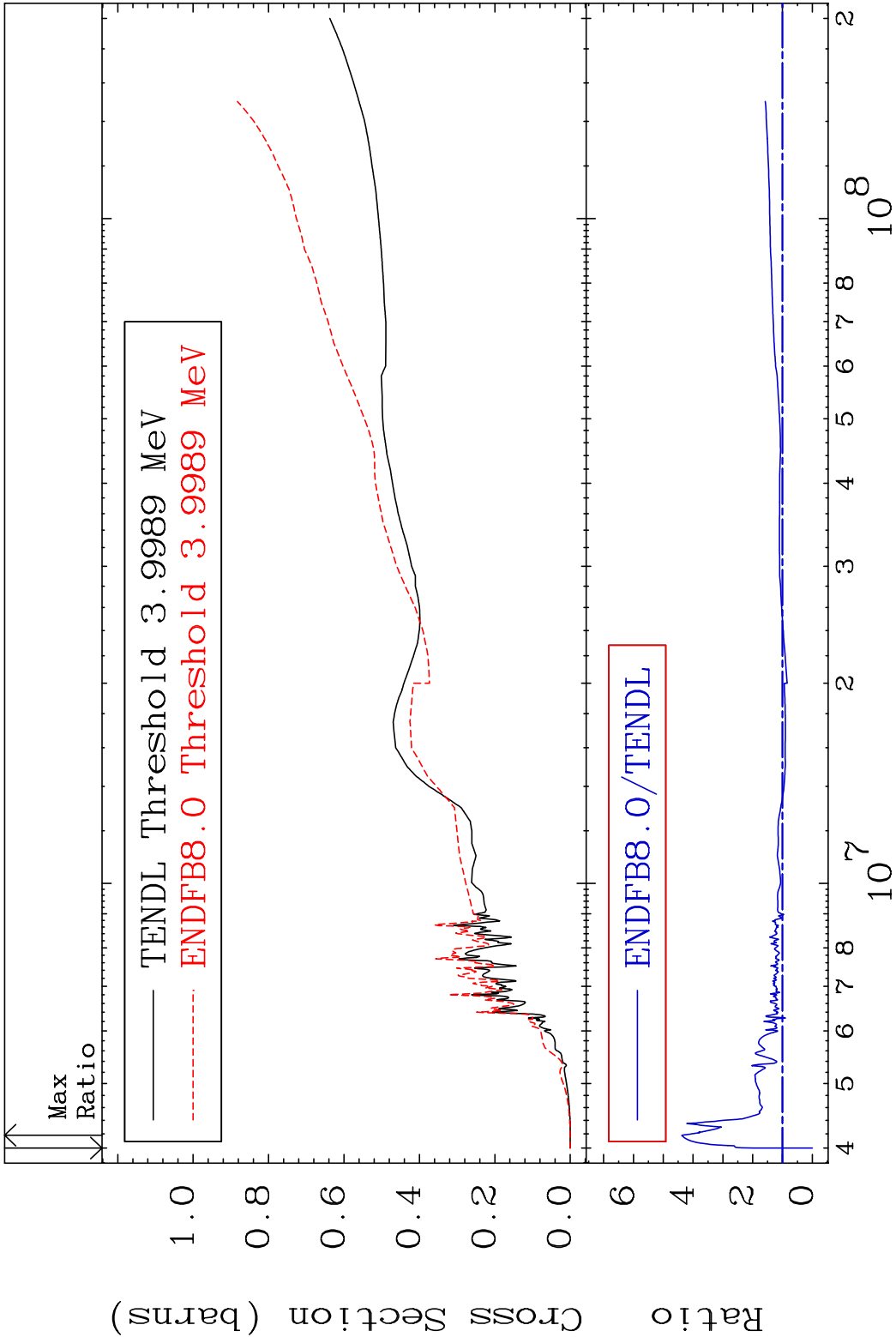


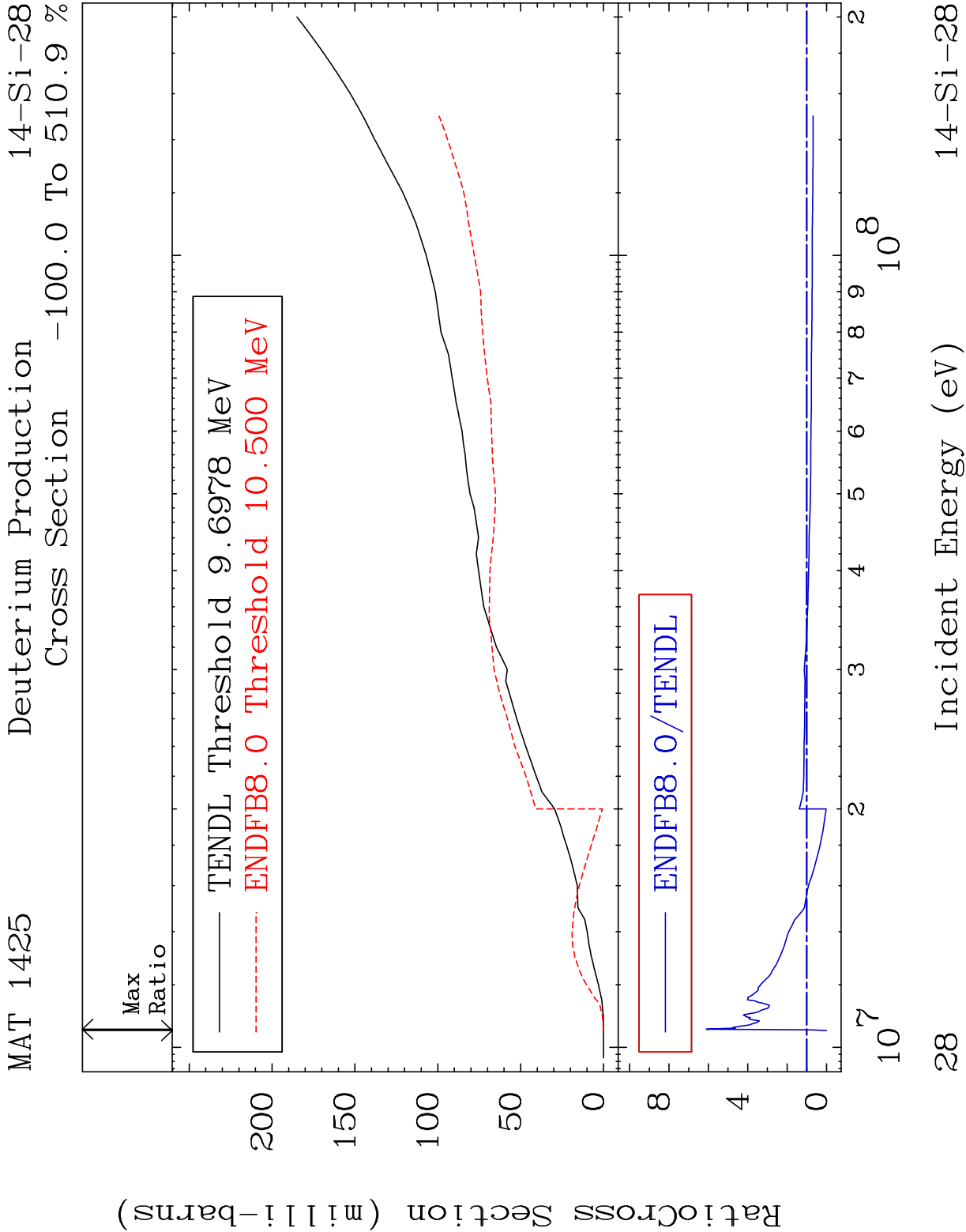


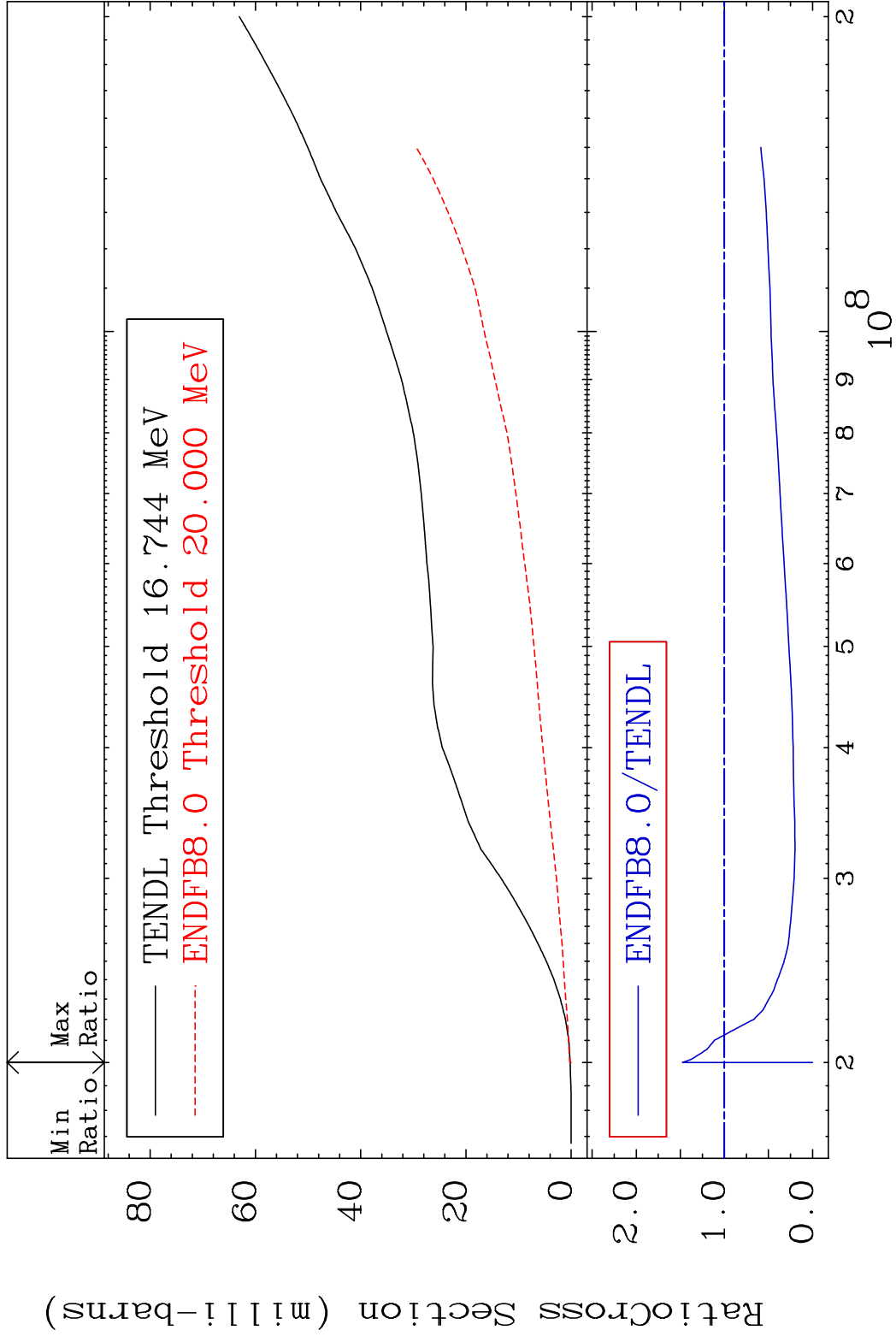










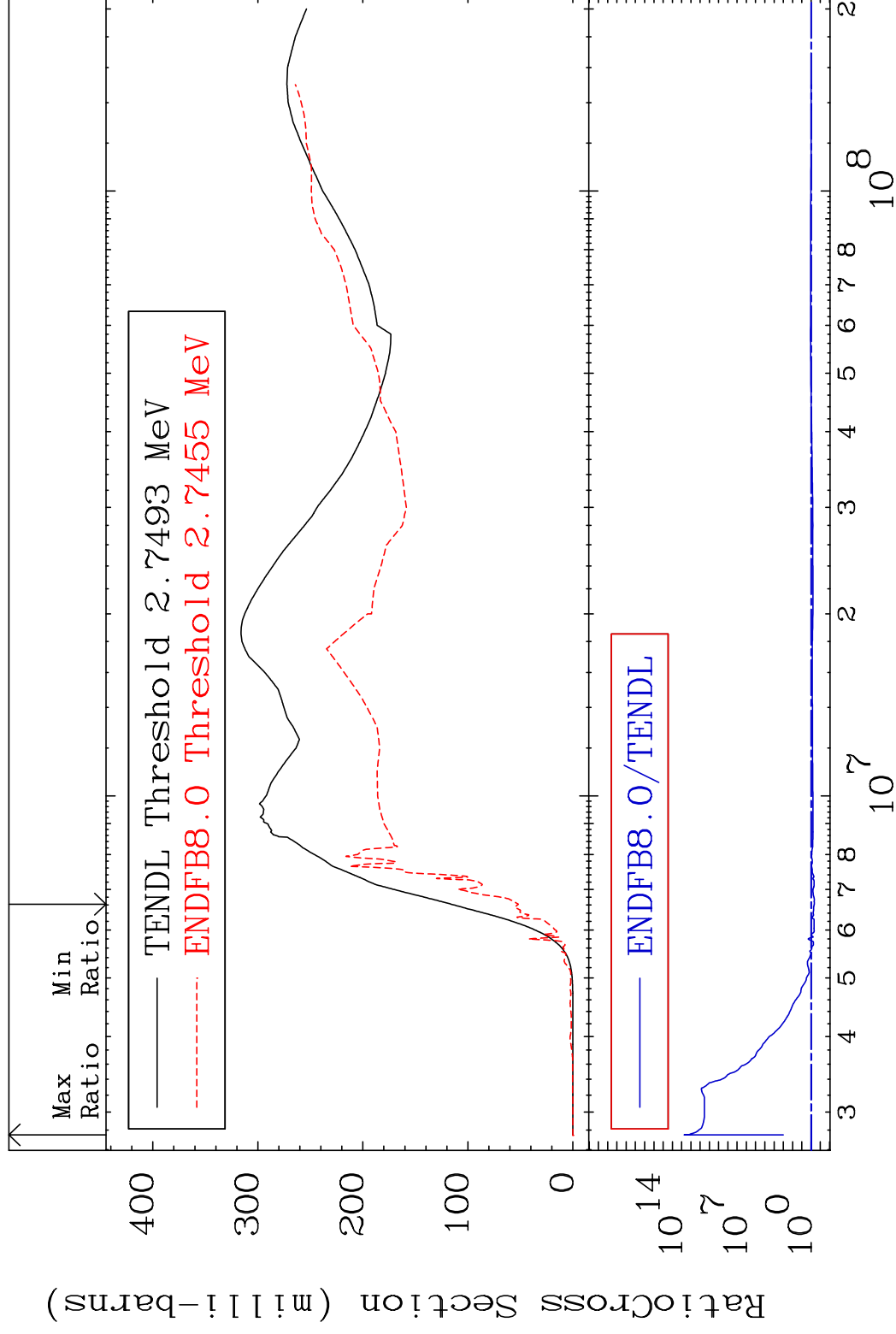


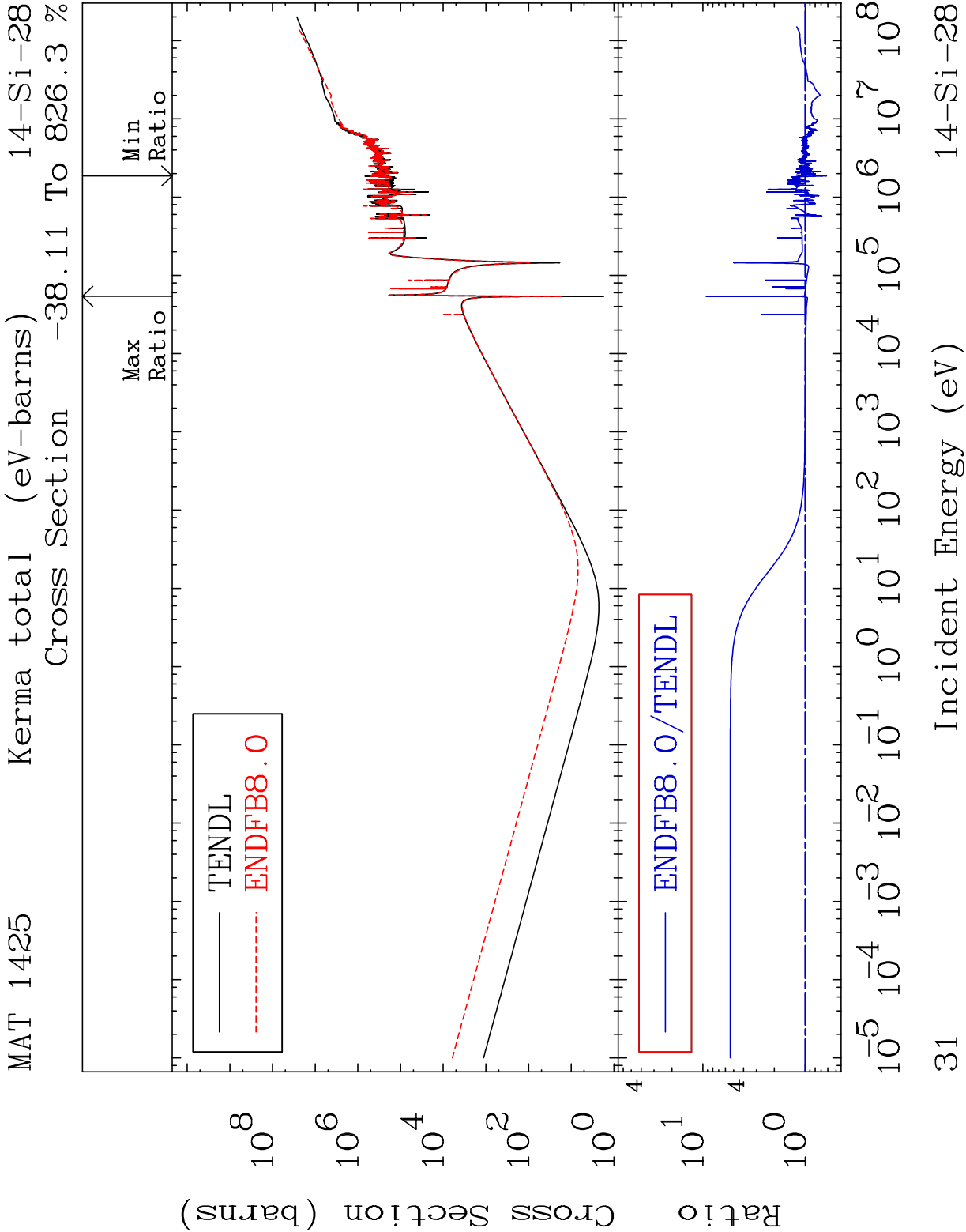
MAT 1425

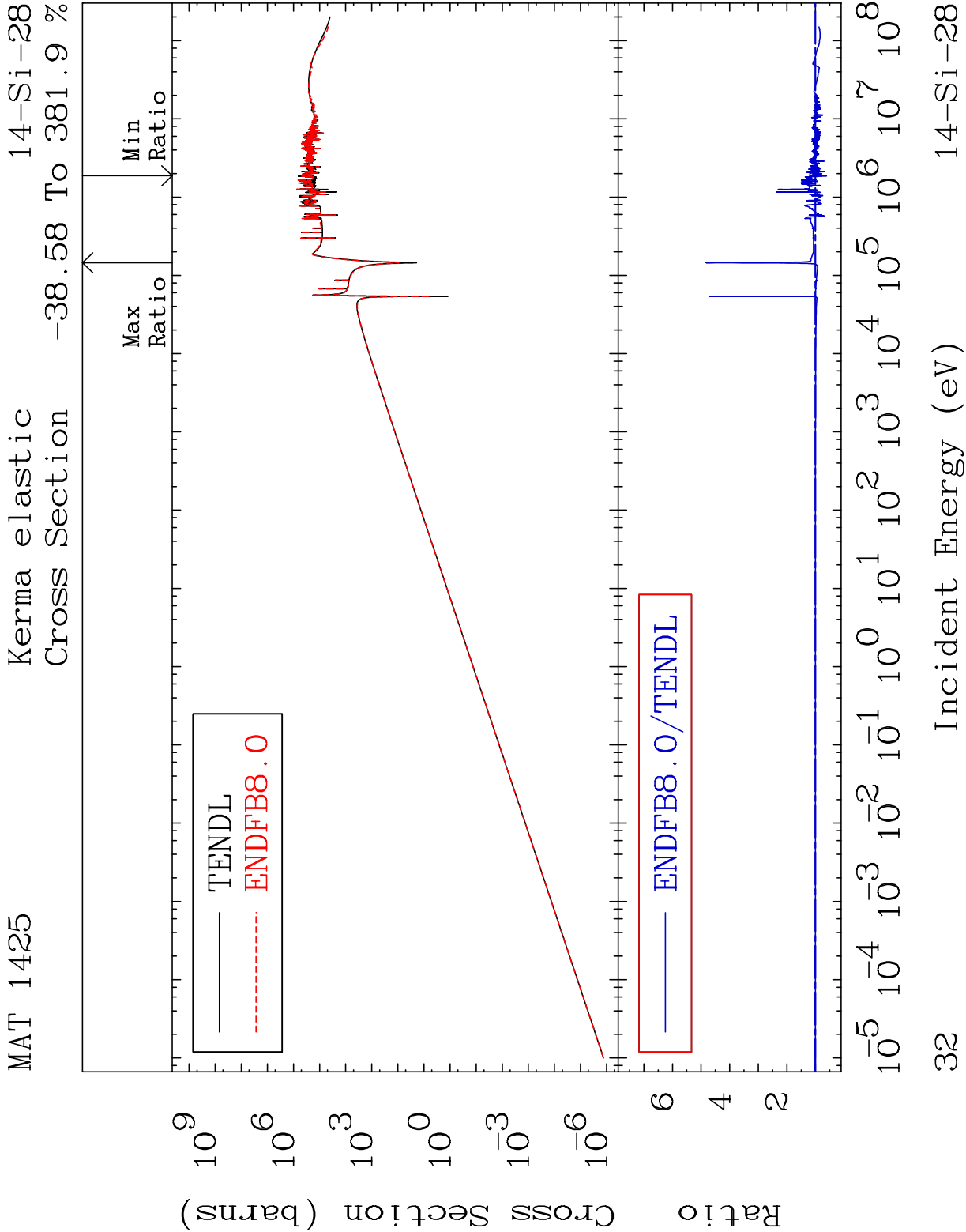
He-4 Production

14-Si-28

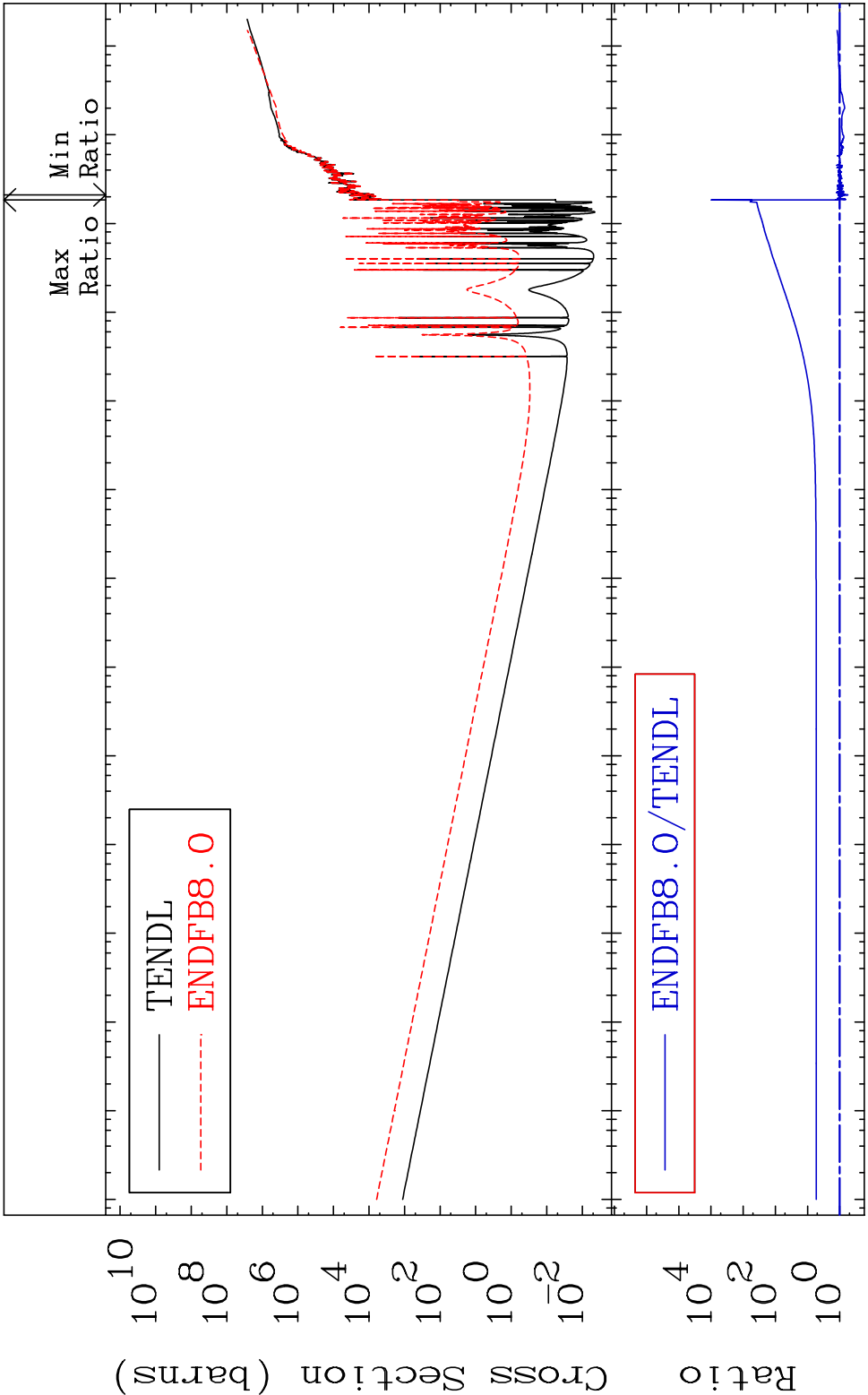
Cross Section -55.22 To 9999. %



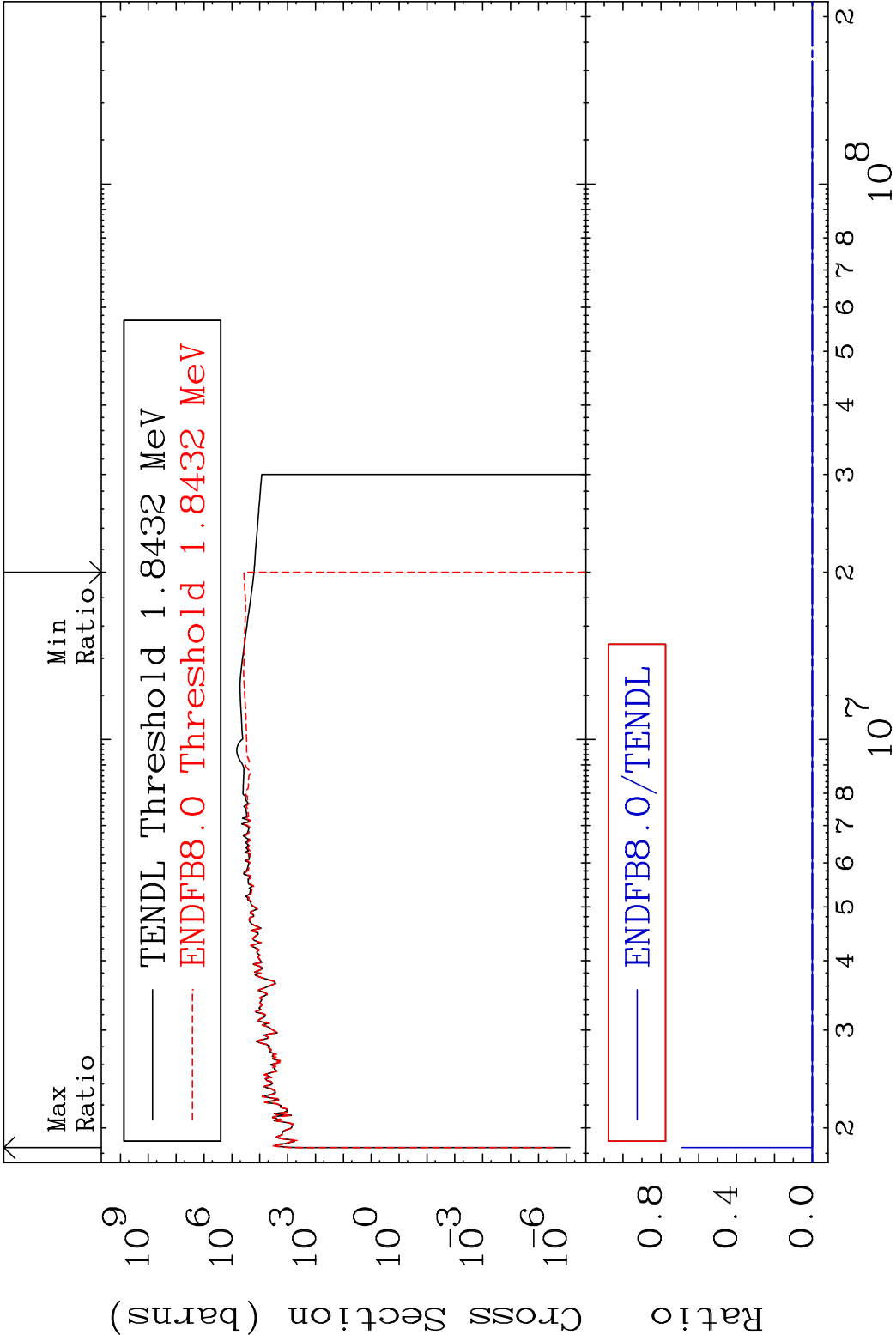




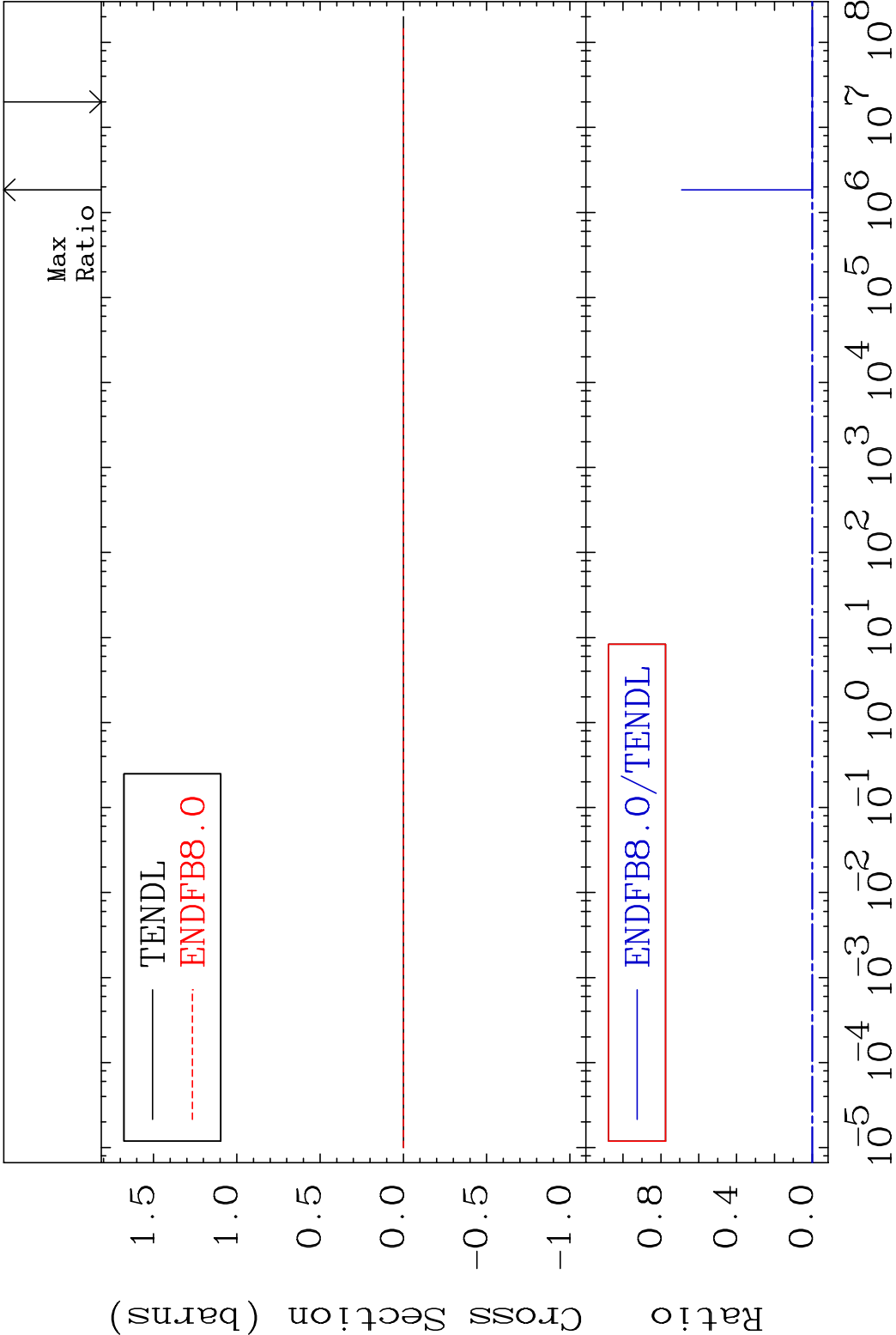
MAT 1425 Kerma non-elastic (all but mt2) 14-Si-28
 Cross Section -43.50 To 9999. %



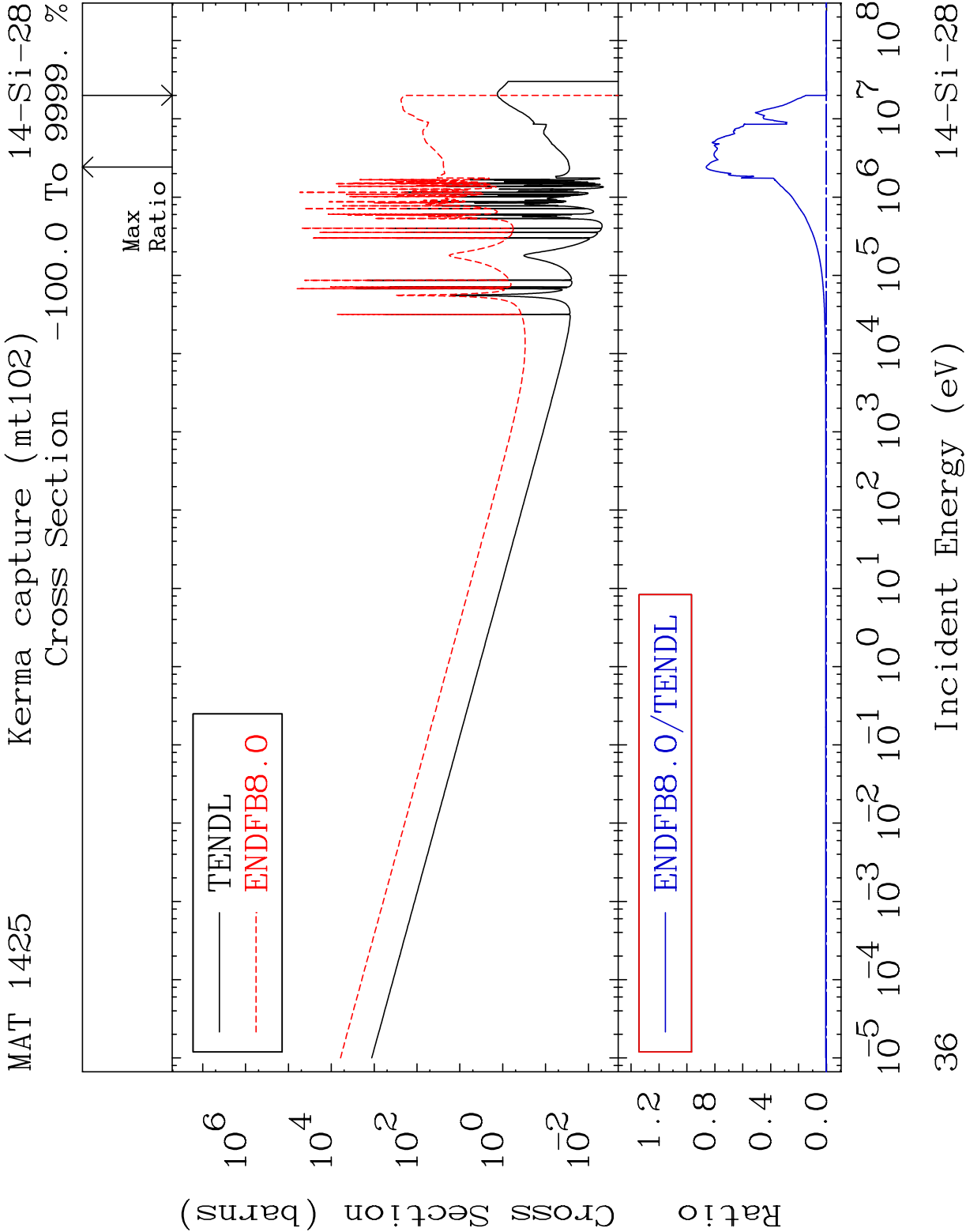
33 Incident Energy (eV) 14-Si-28



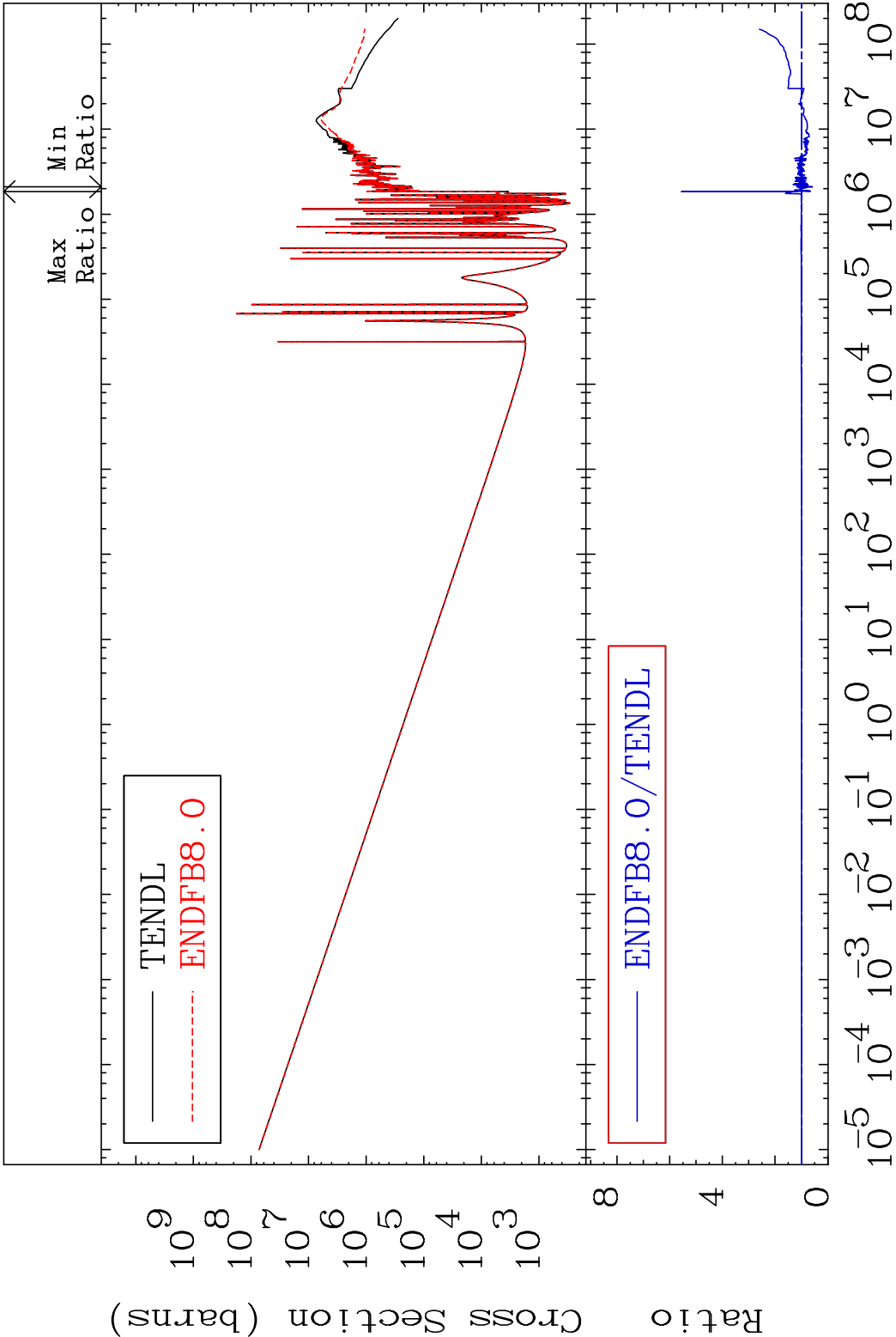
MAT 1425 Kerma fission (mt18 or mt19-20-21-38) 14-Si-28
Cross Section -100.0 To 9999. %



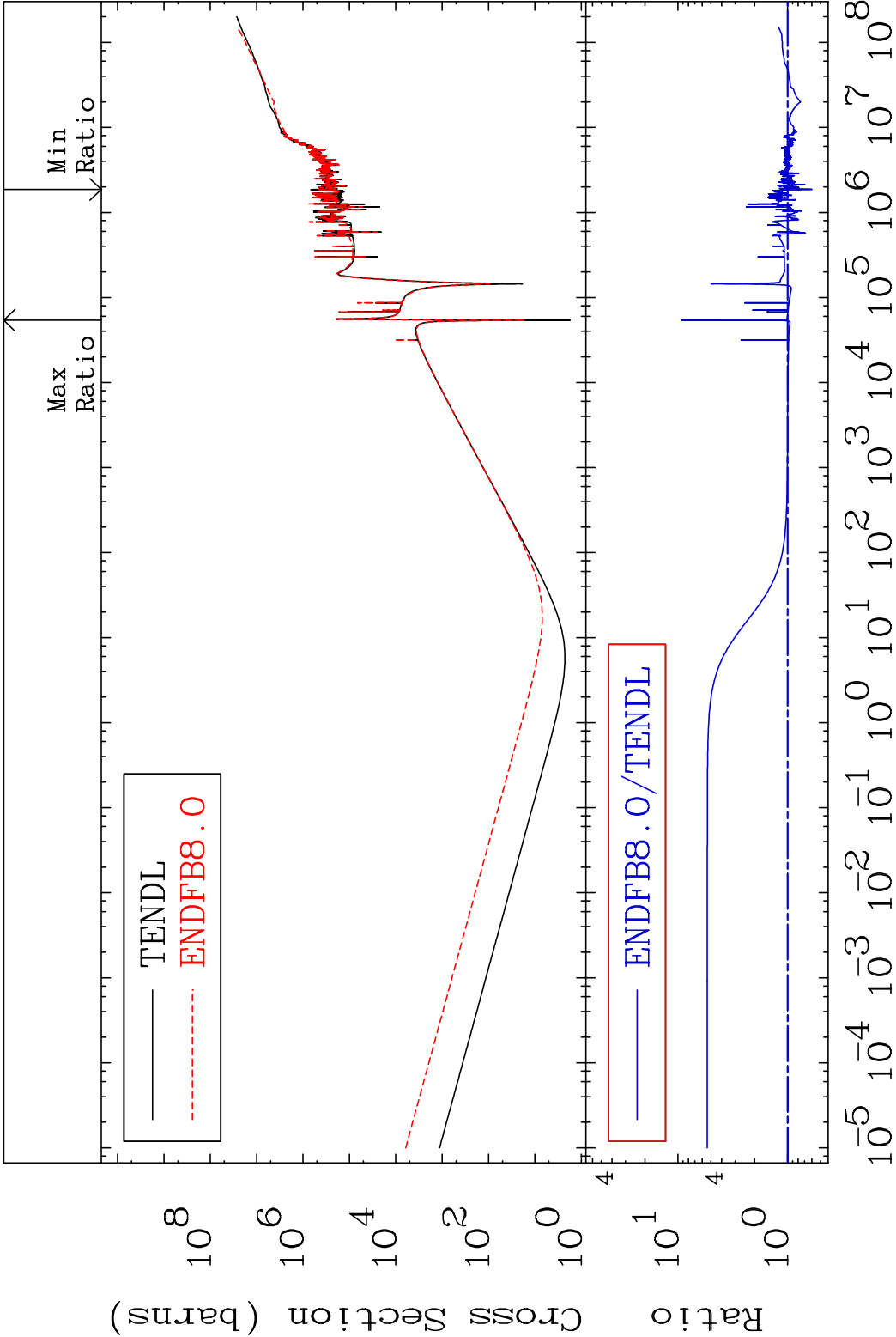
35 Incident Energy (eV) 14-Si-28

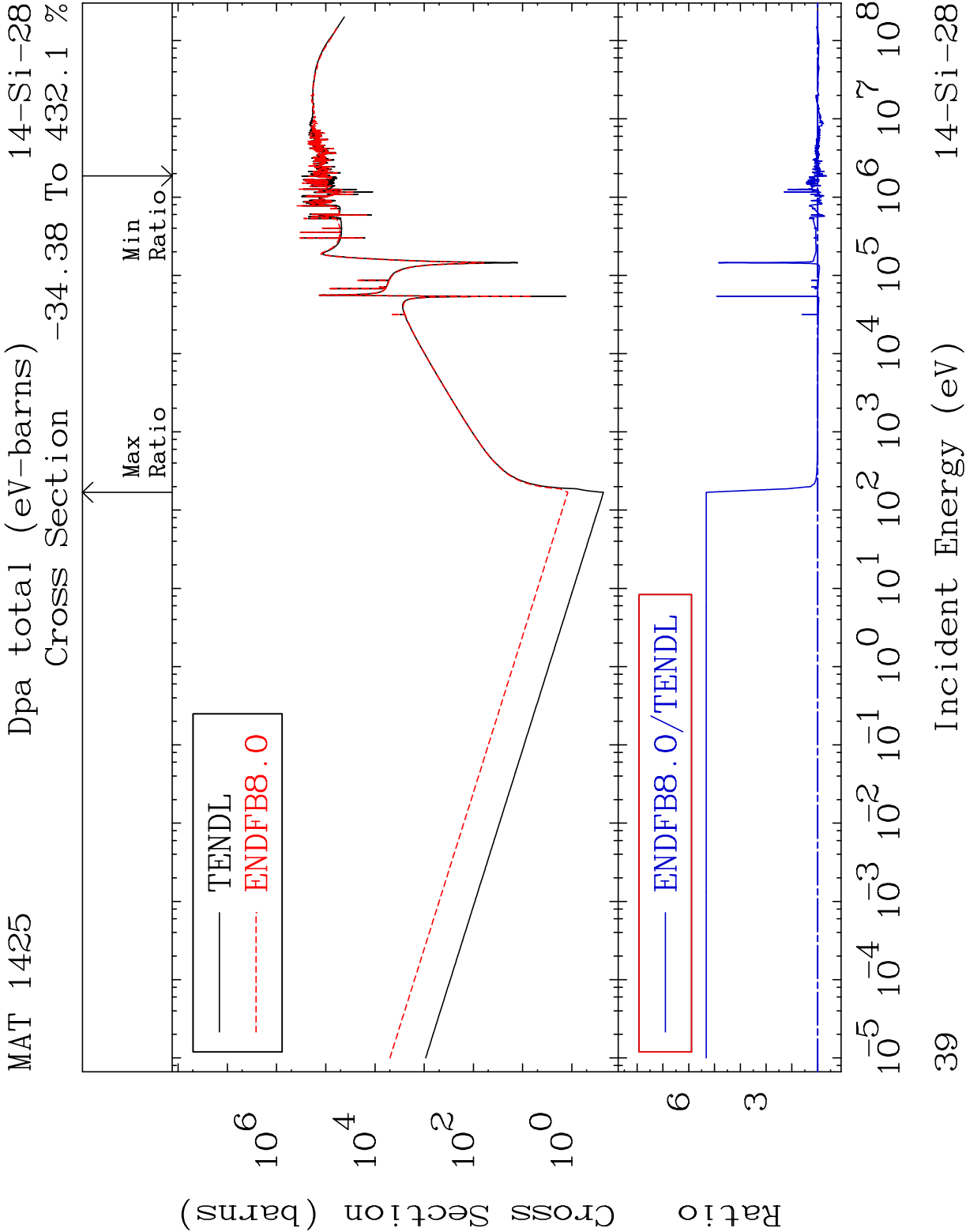


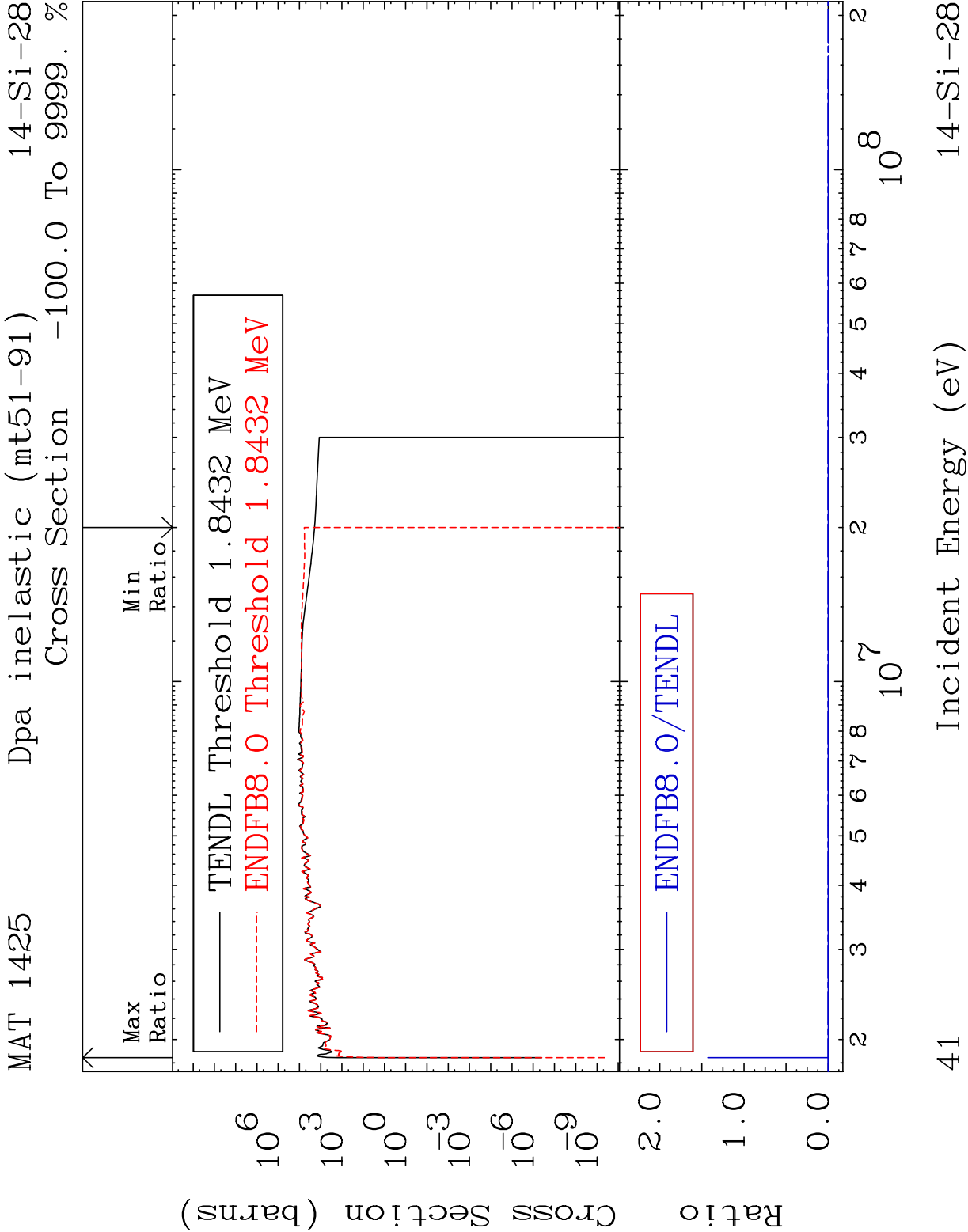
MAT 1425 Total photon (eV-barns) 14-Si-28
Cross Section -41.06 To 455.1 %



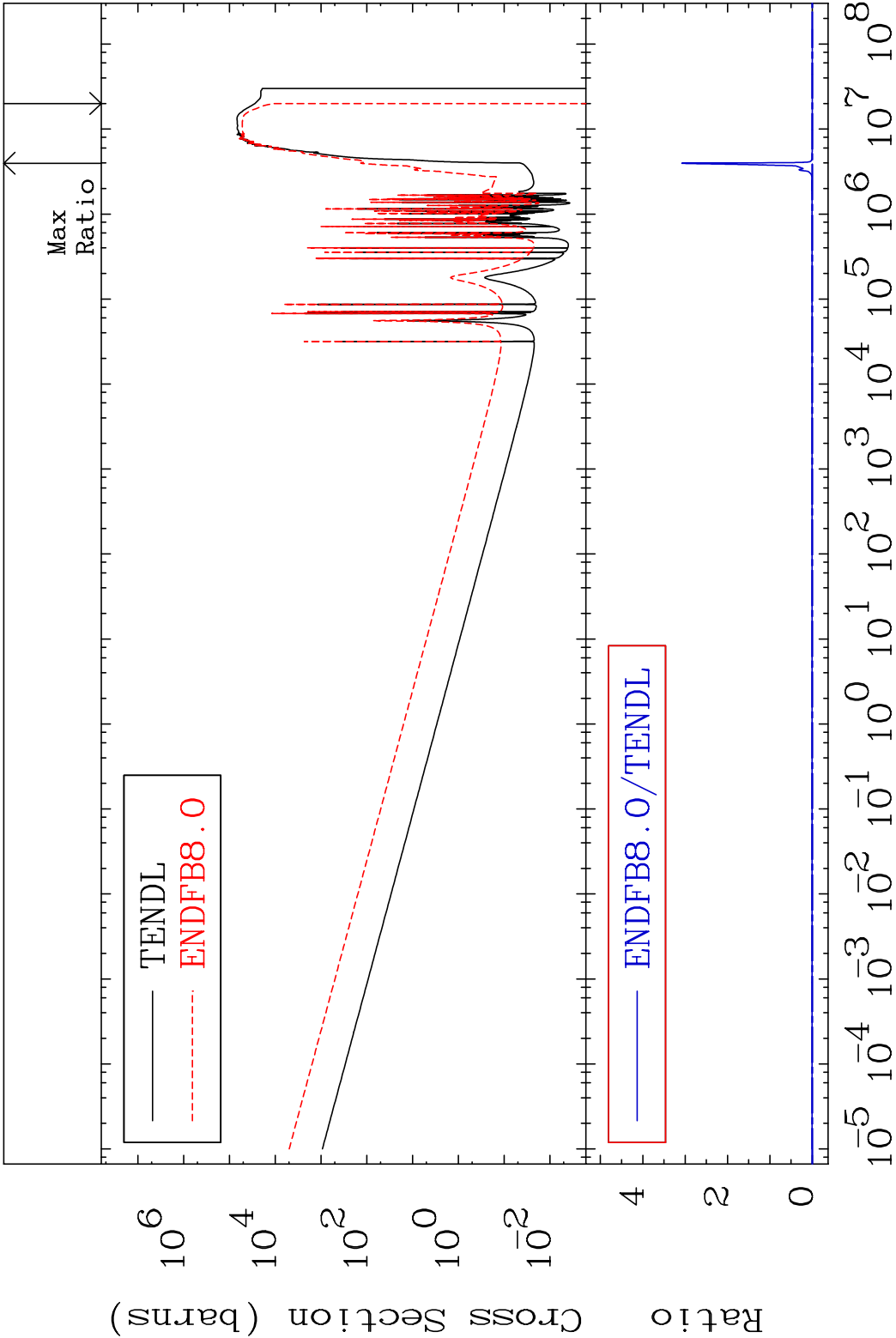
MAT 1425 Total kinematic kerma (high limit) 14-Si-28
Cross Section -40.47 To 826.3 %







MAT 1425 Dpa disappearance (mt102 -120) 14-Si-28
Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 14-Si-28