

Program Complot
(Version 2021-1)

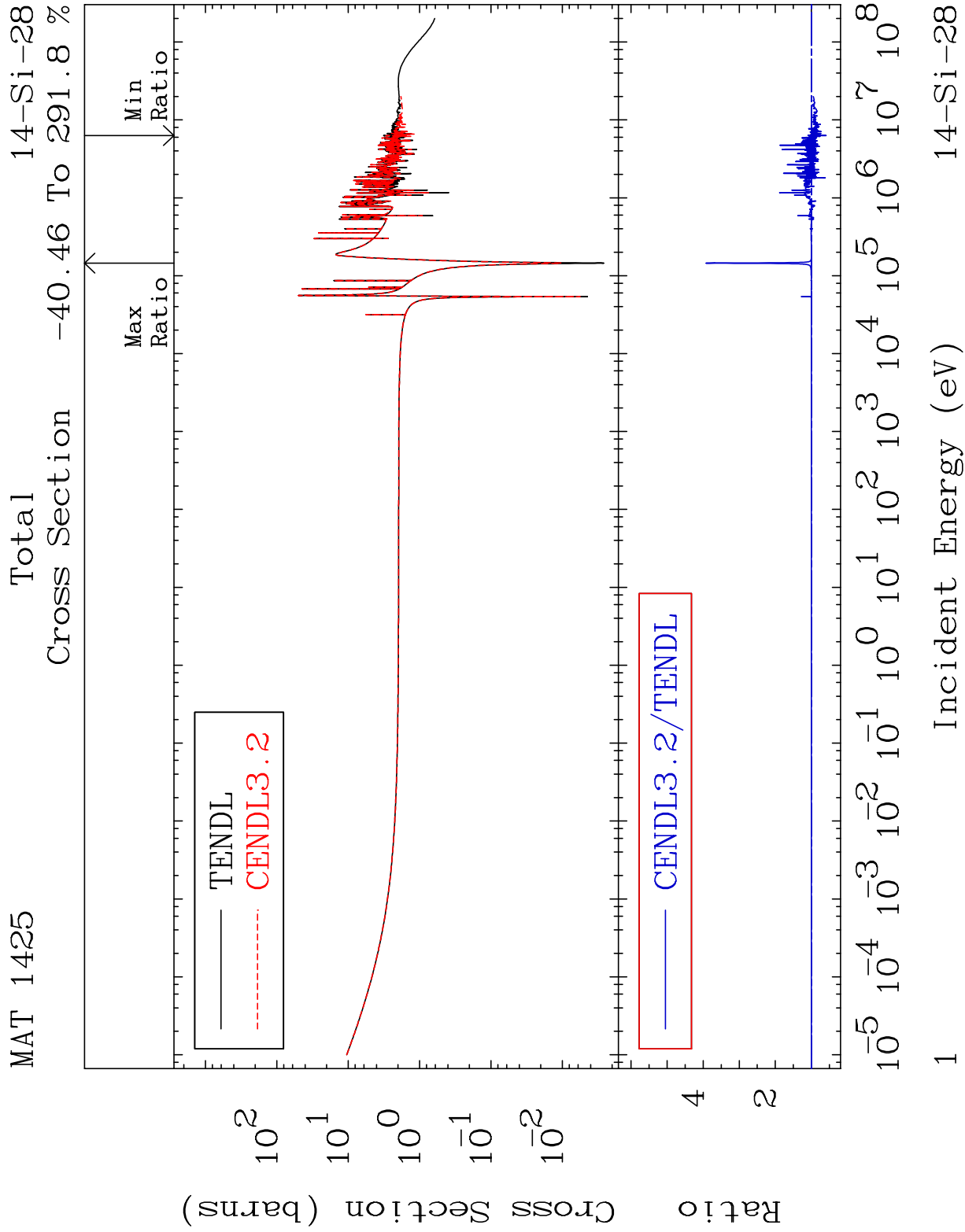
by

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Press Mouse Button to Start



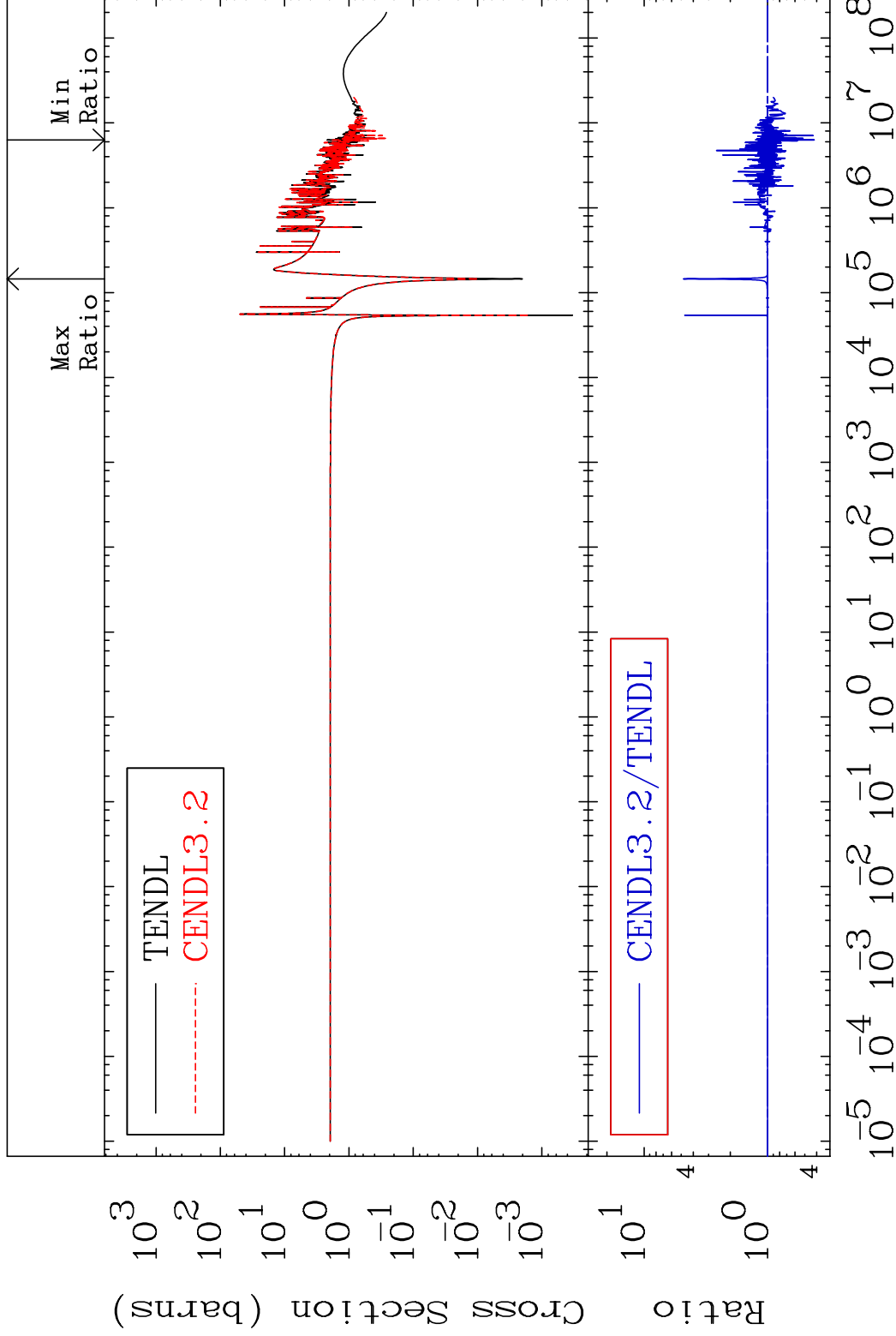
MAT 1425

Elastic

¹⁴Si-28

Cross Section

-58.00 To 378.0 %



2

Incident Energy (eV)

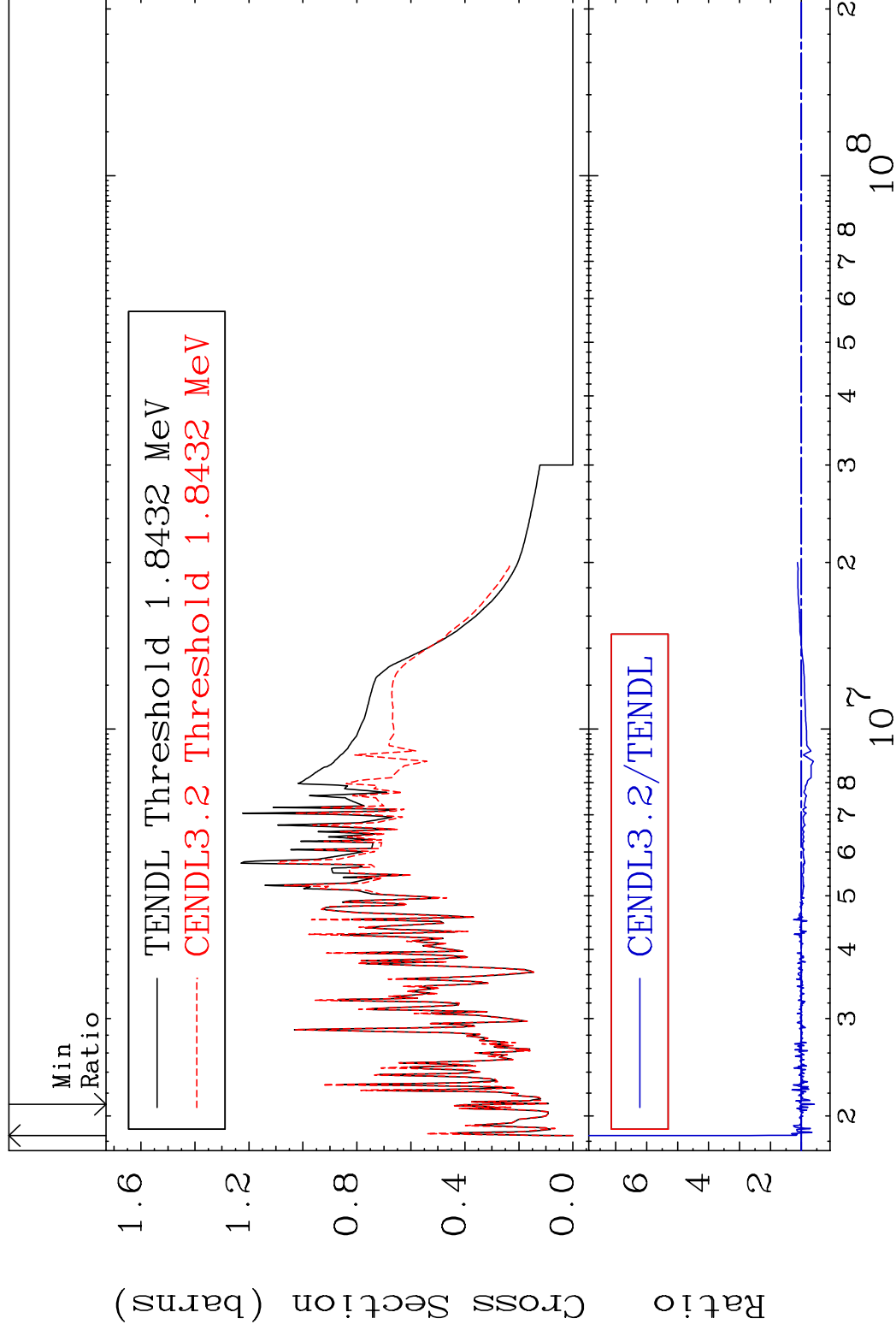
¹⁴Si-28

MAT 1425

Inelastic

14-Si-28

Cross Section -41.51 To 379.2 %



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Incident Energy (eV)

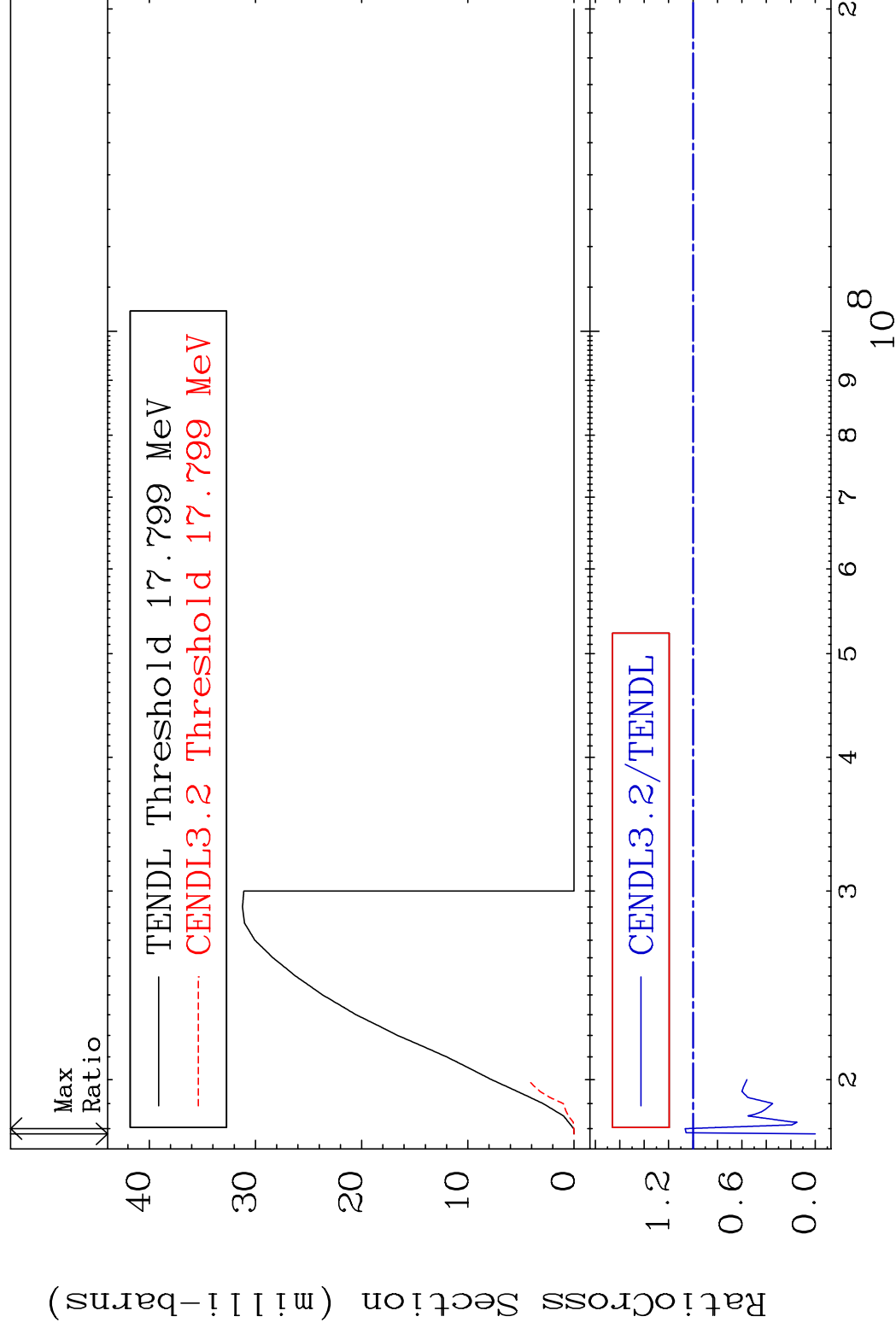
14-Si-28

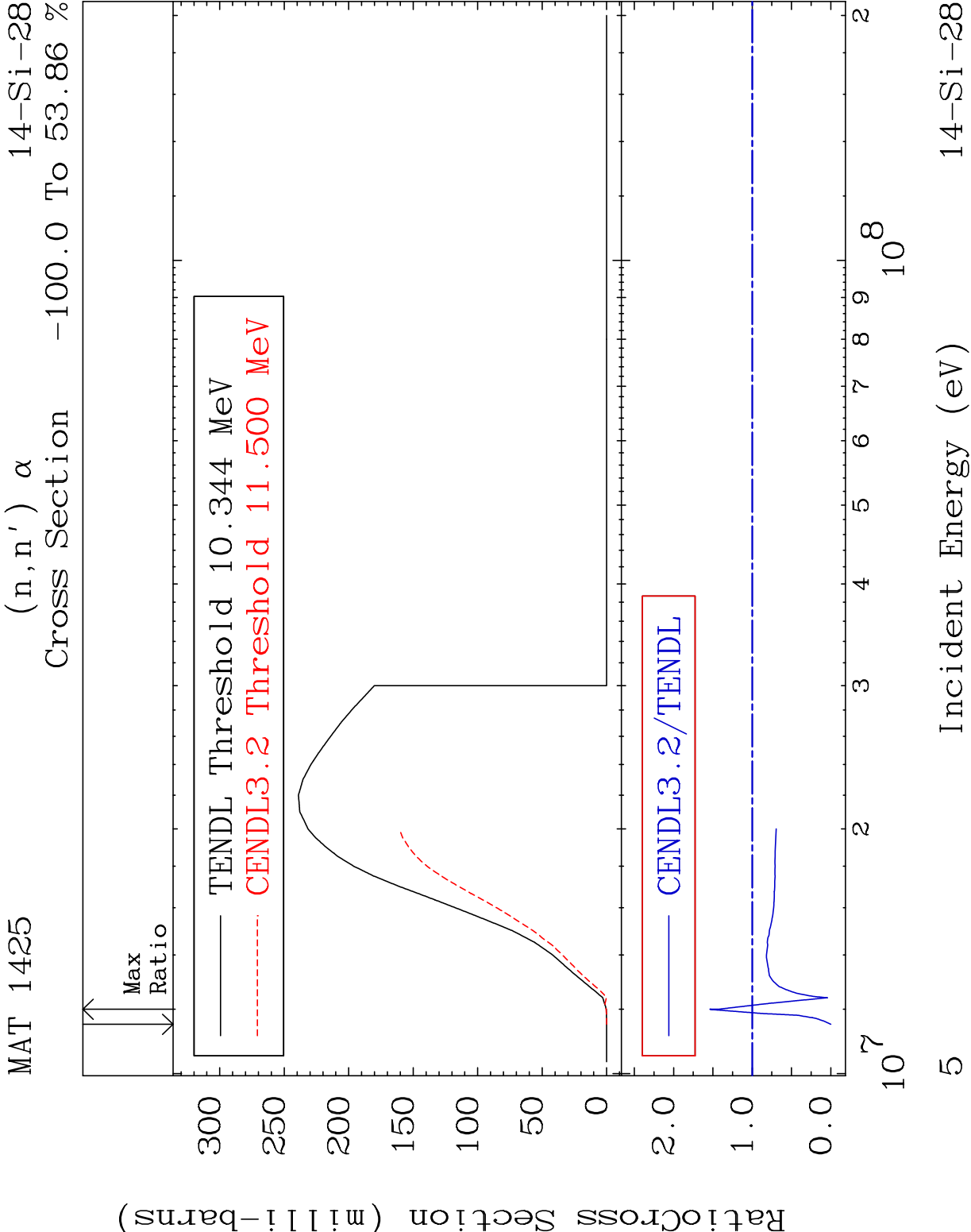
MAT 1425

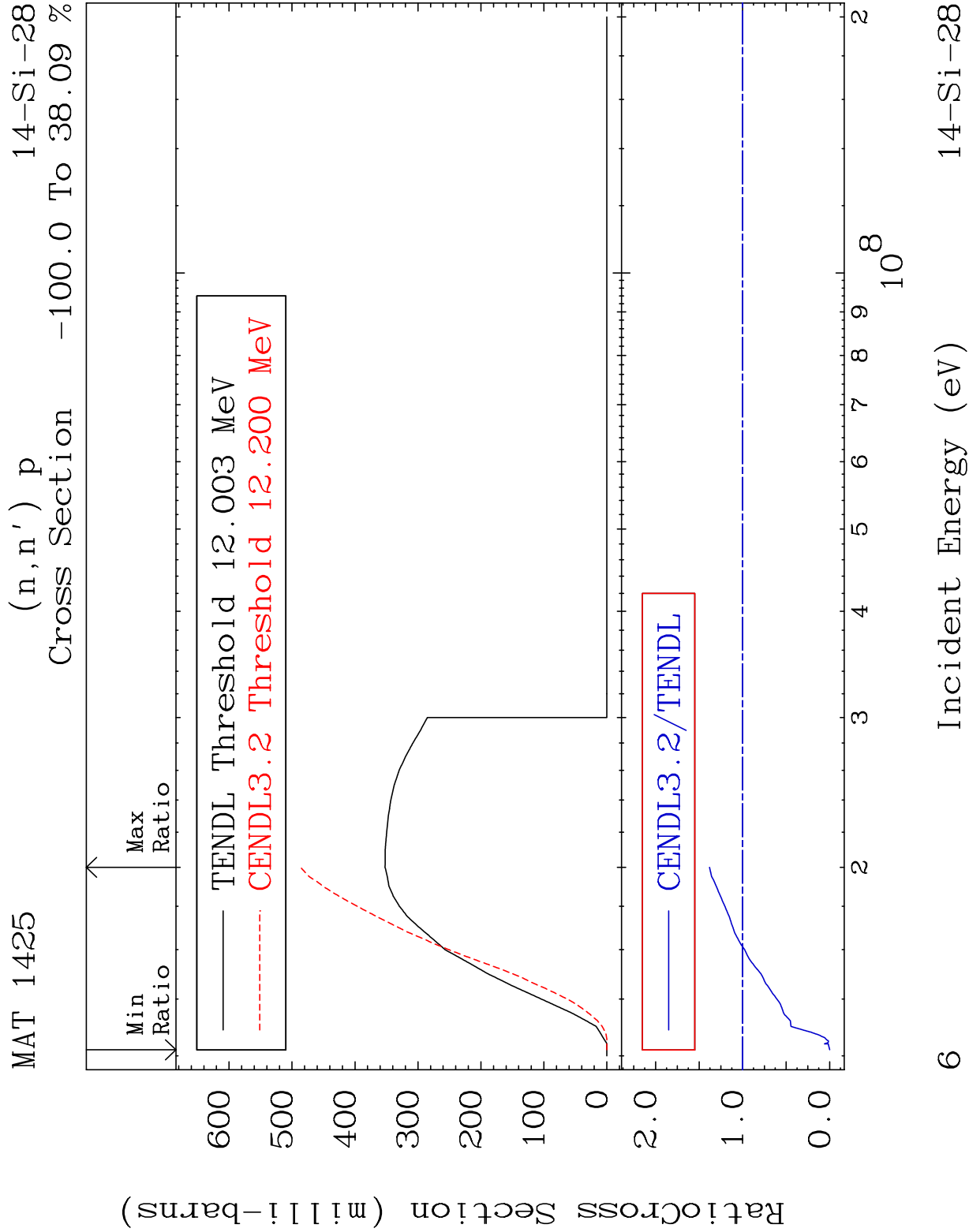
$$(n, 2n)$$

14-Si-28

Cross Section -100.0 To 6.496 %







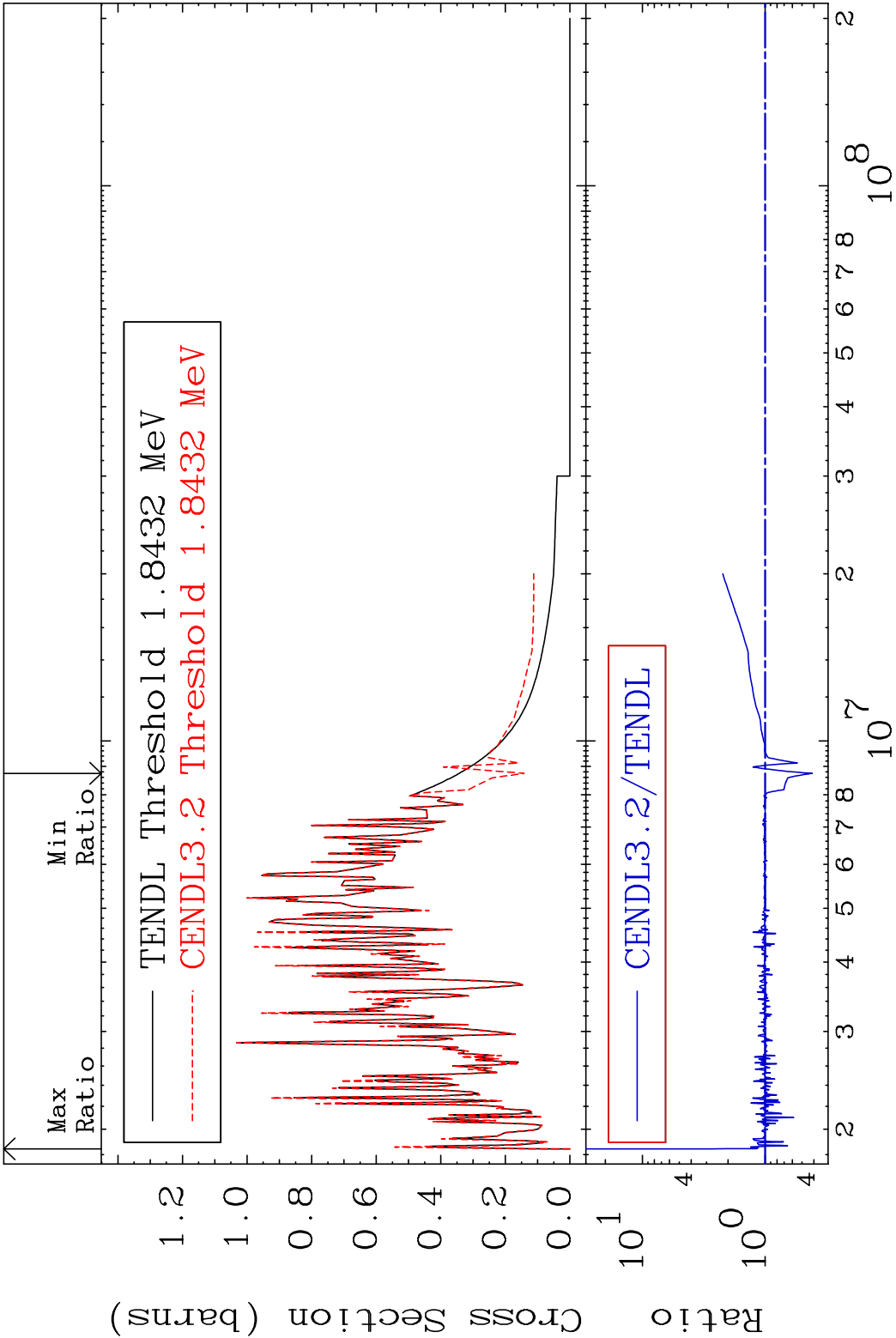
MAT 1425

MT= 51 (n,n') Level

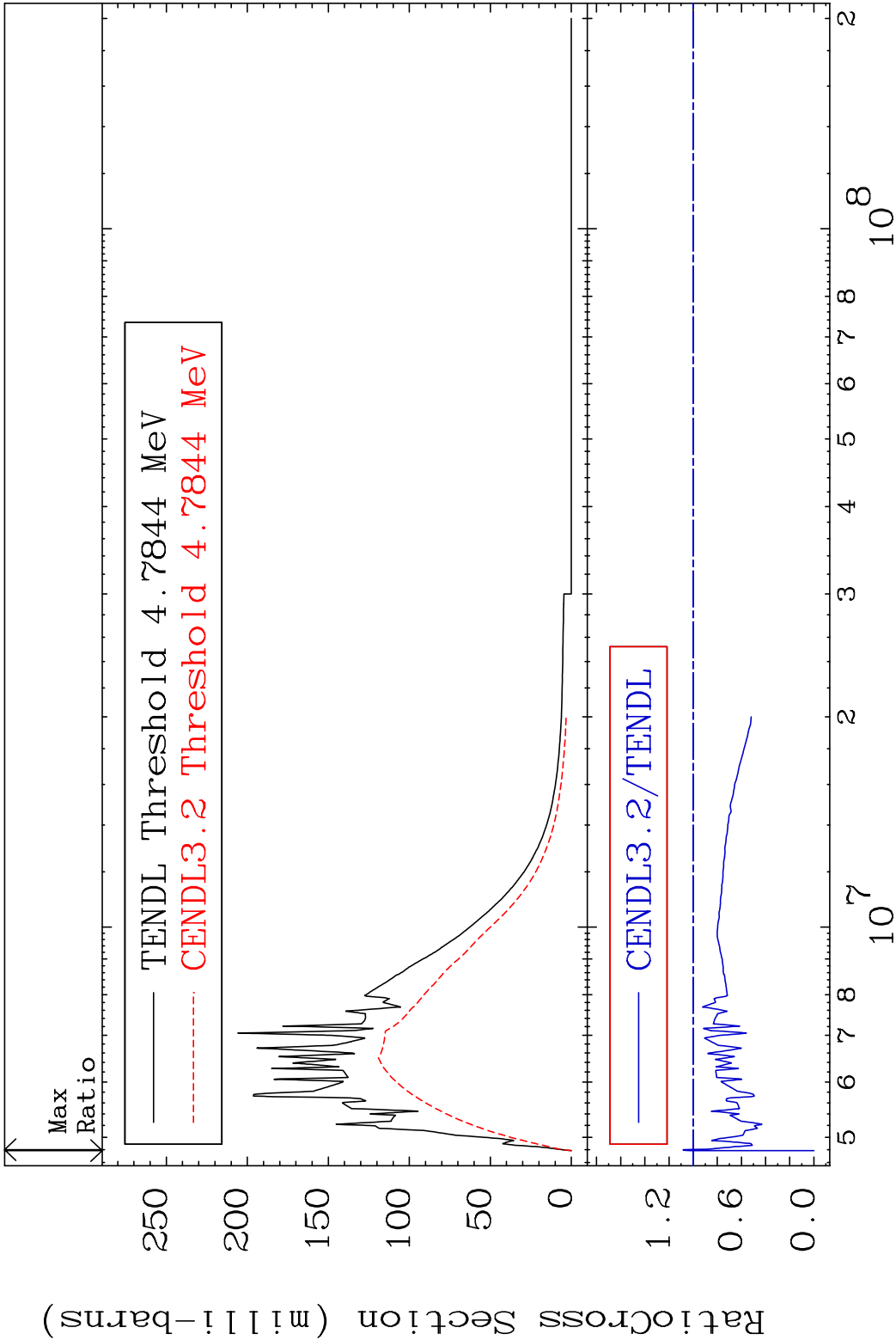
14-Si-28

Cross Section

-58.72 To 379.2 %



MAT 1425 MT= 52 (n,n') Level 14-Si-28
Cross Section -100.0 To 8.361 %



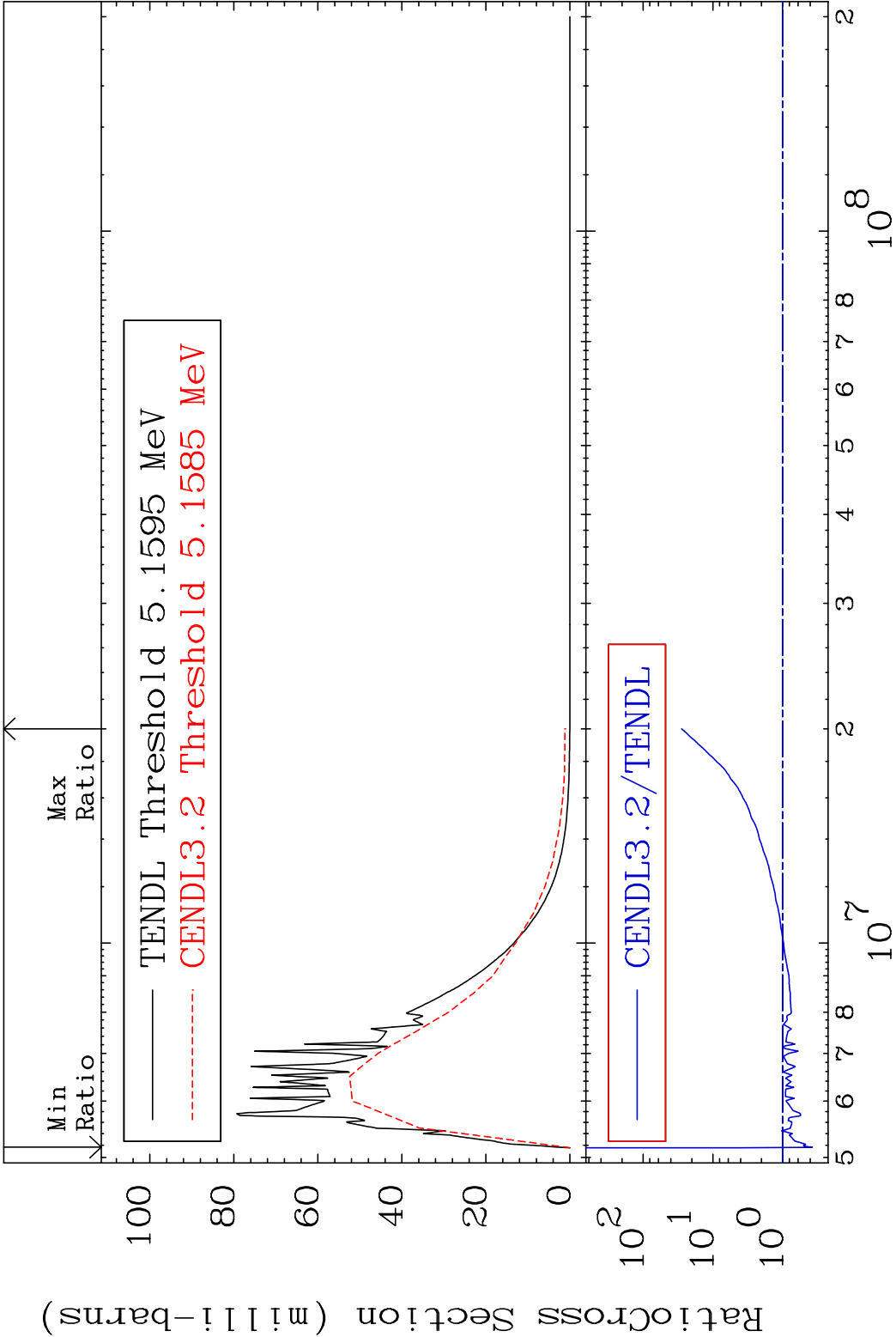
MAT 1425

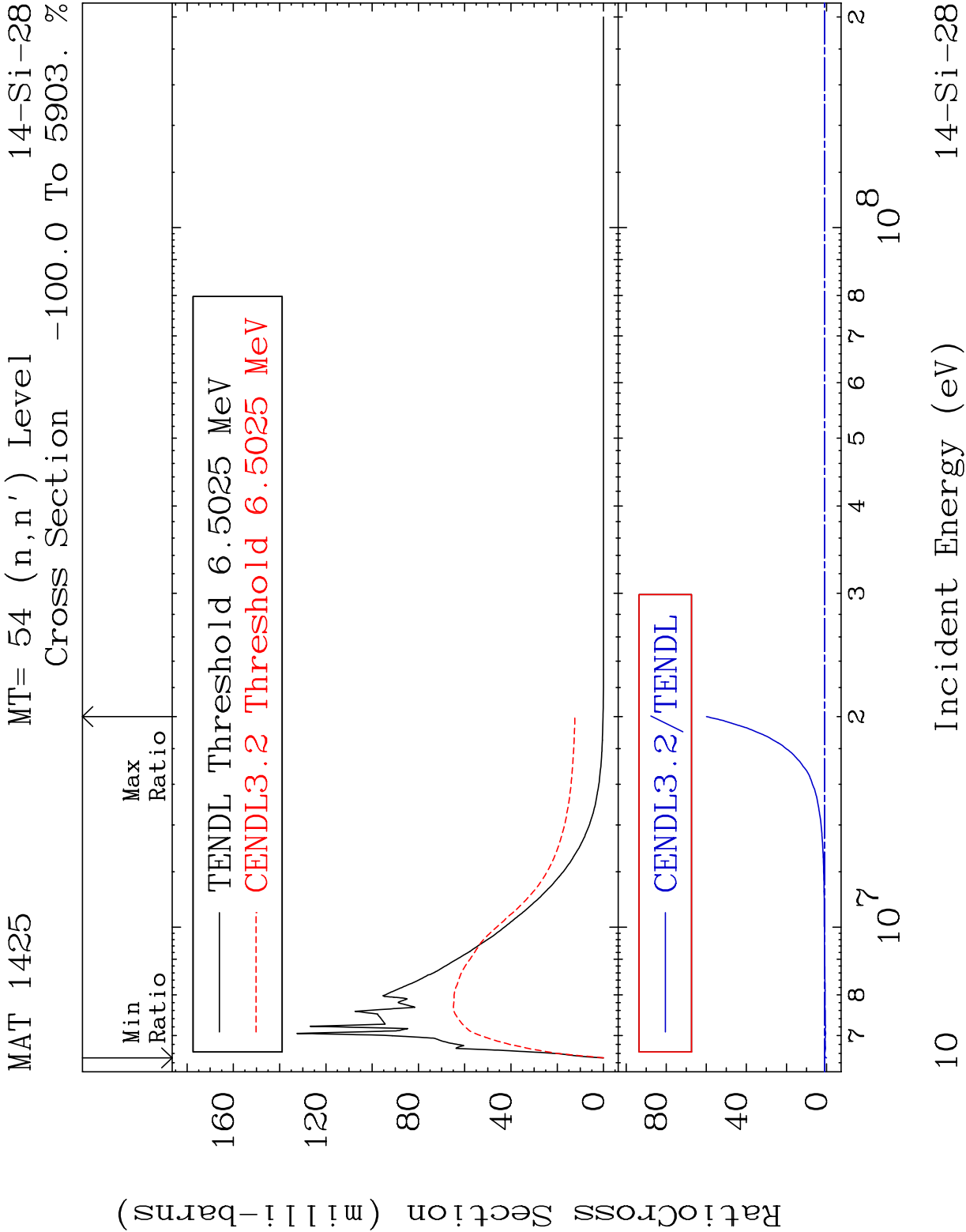
MT= 53 (n,n') Level

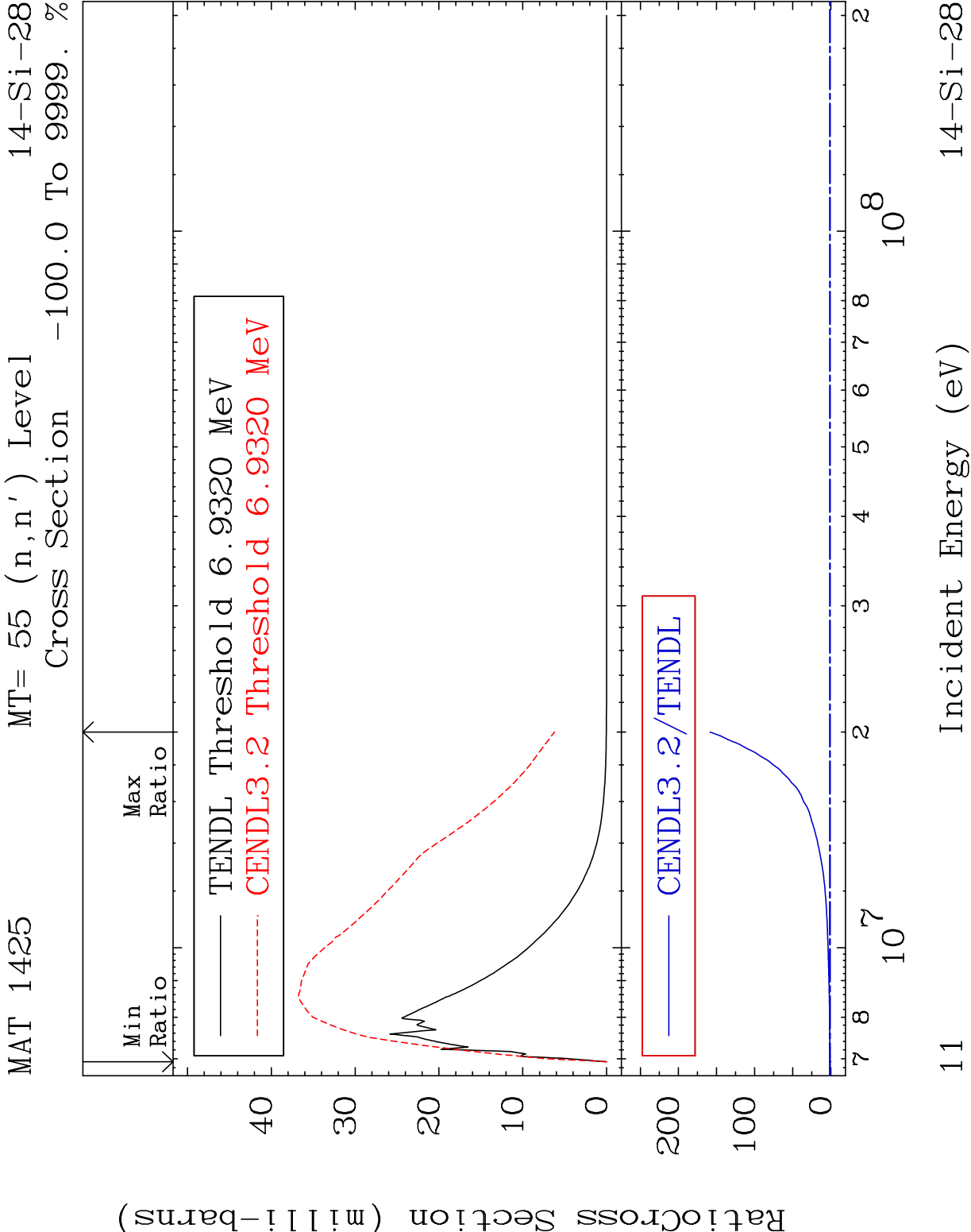
14-Si-28

Cross Section

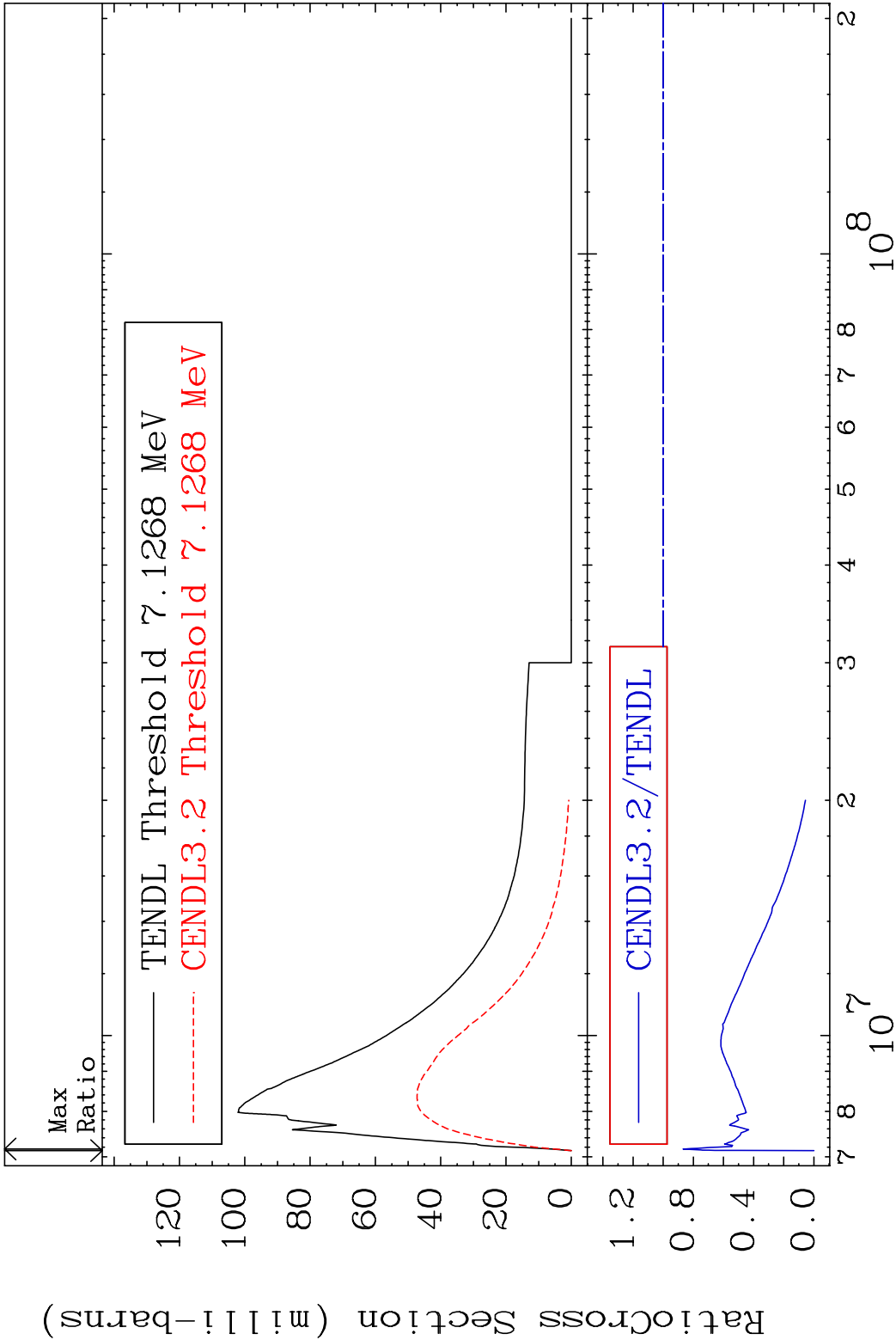
-62.47 To 2710. %



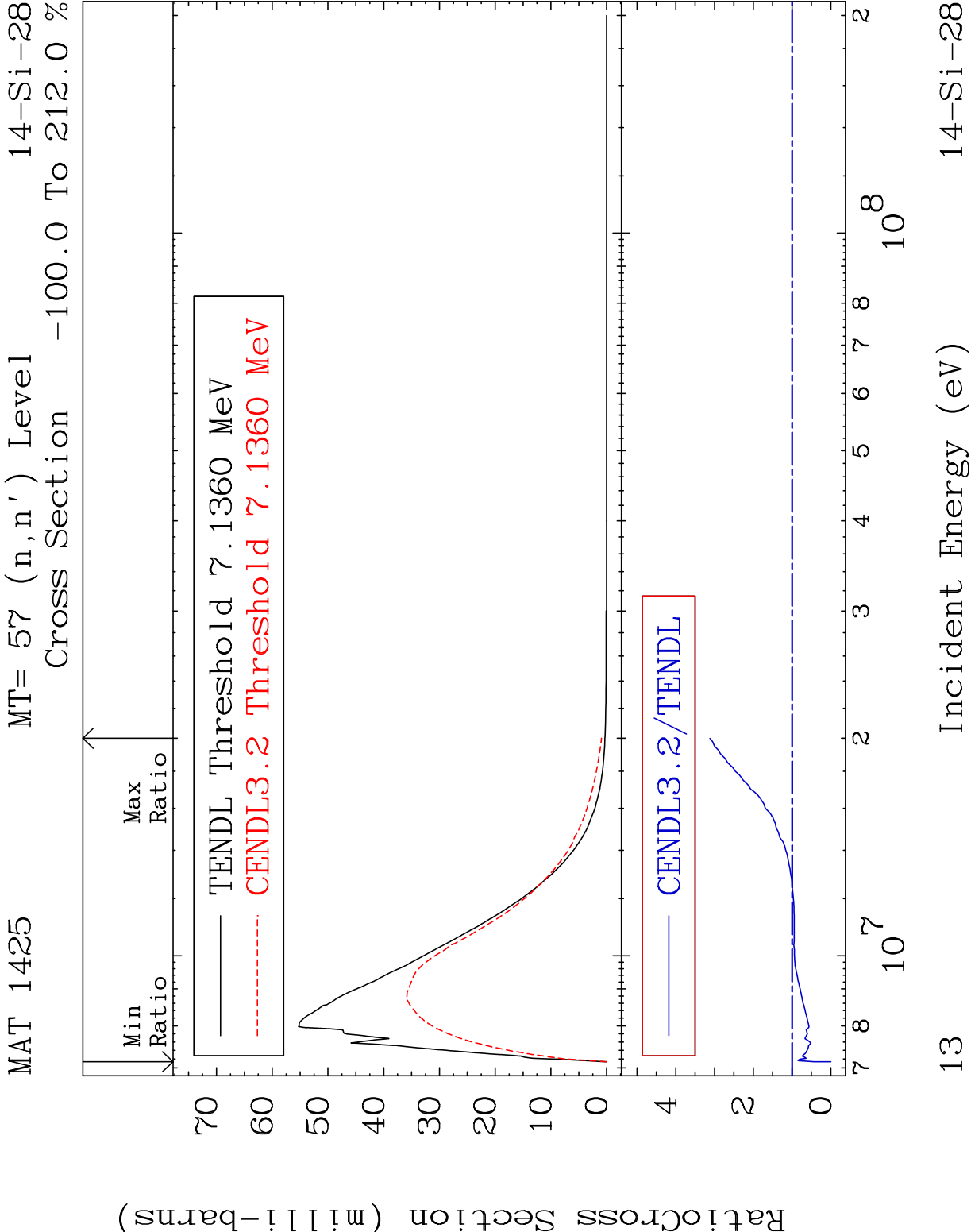


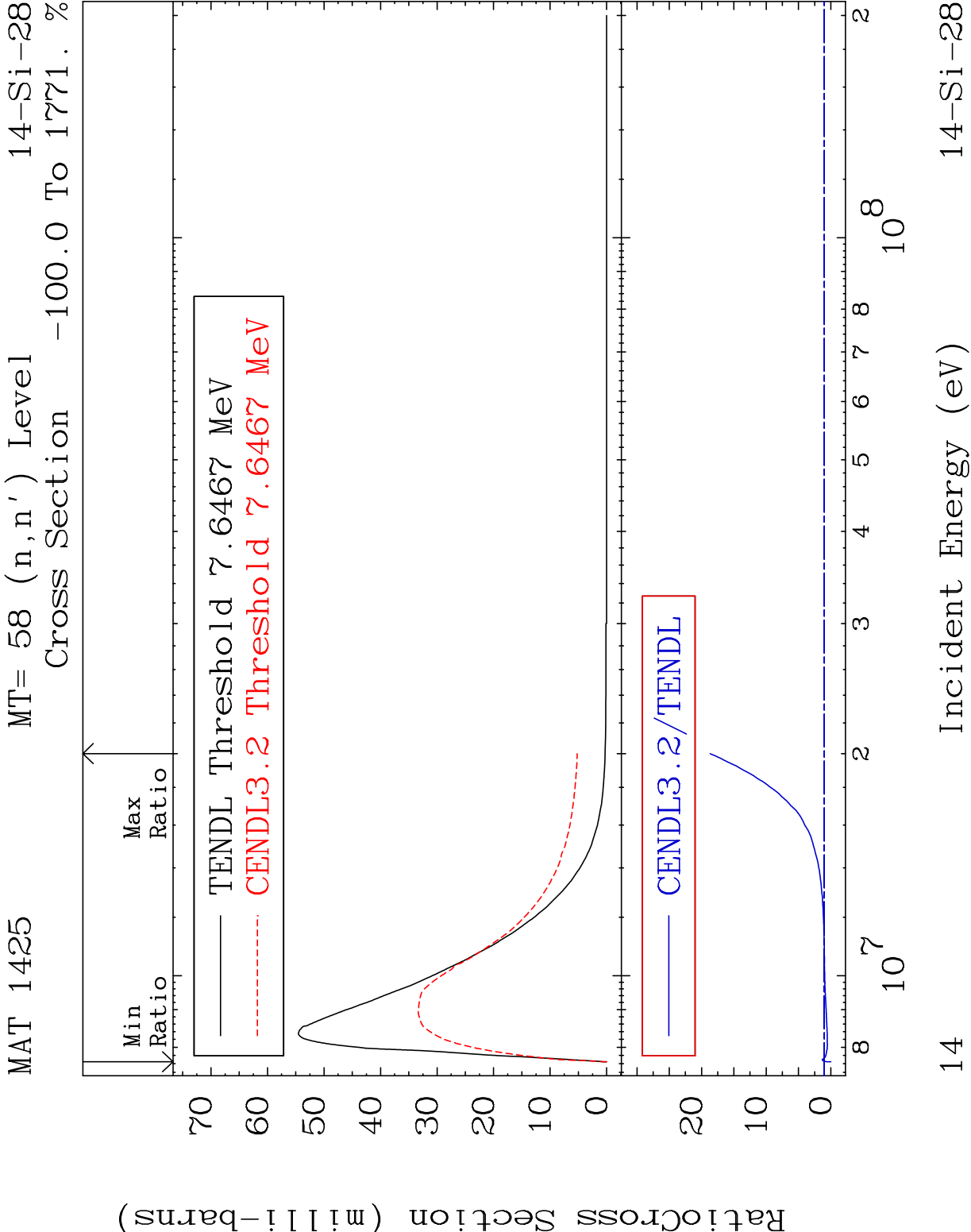


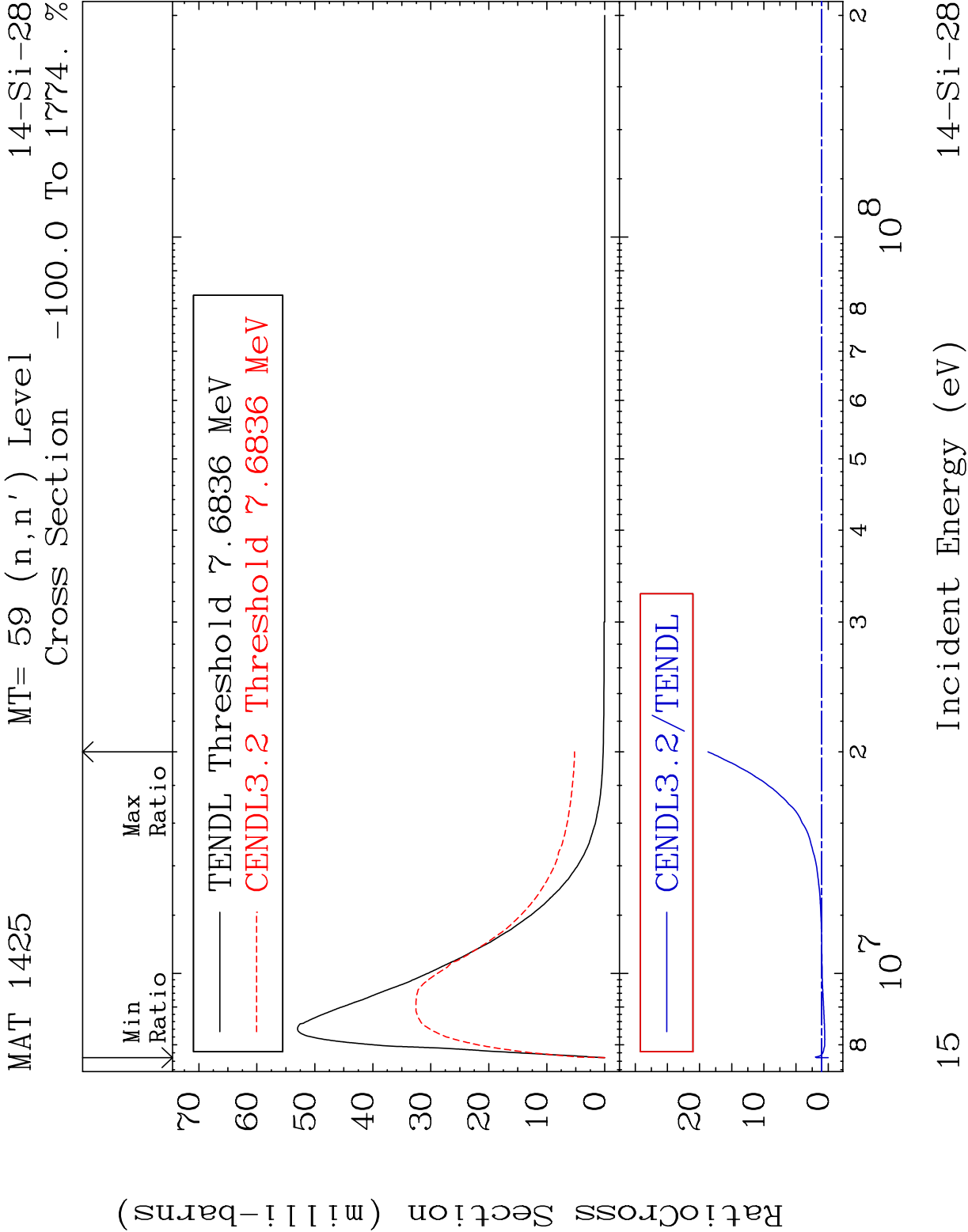
MAT 1425 MT= 56 (n,n') Level 14-Si-28
Cross Section -100.0 To -13.18%

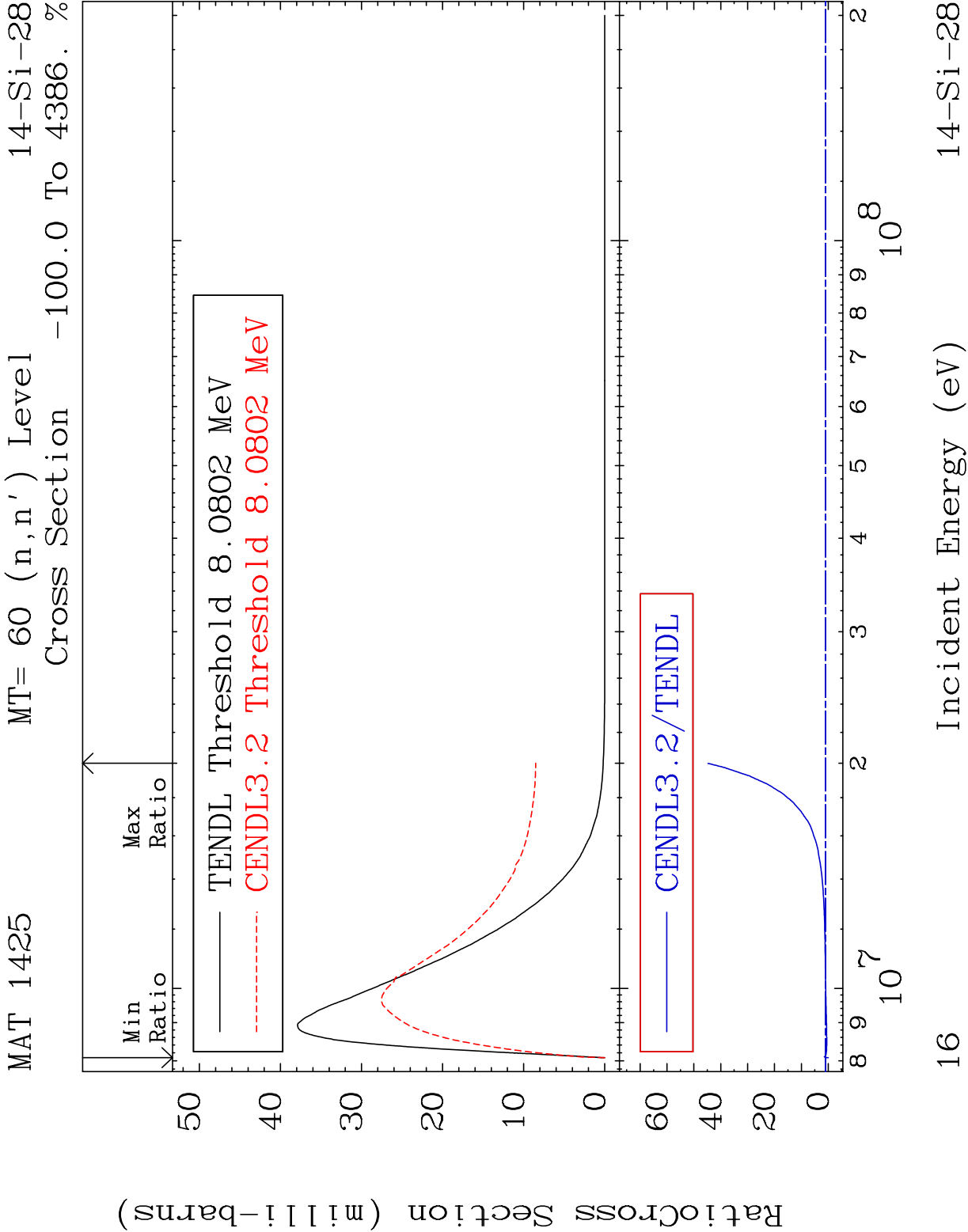


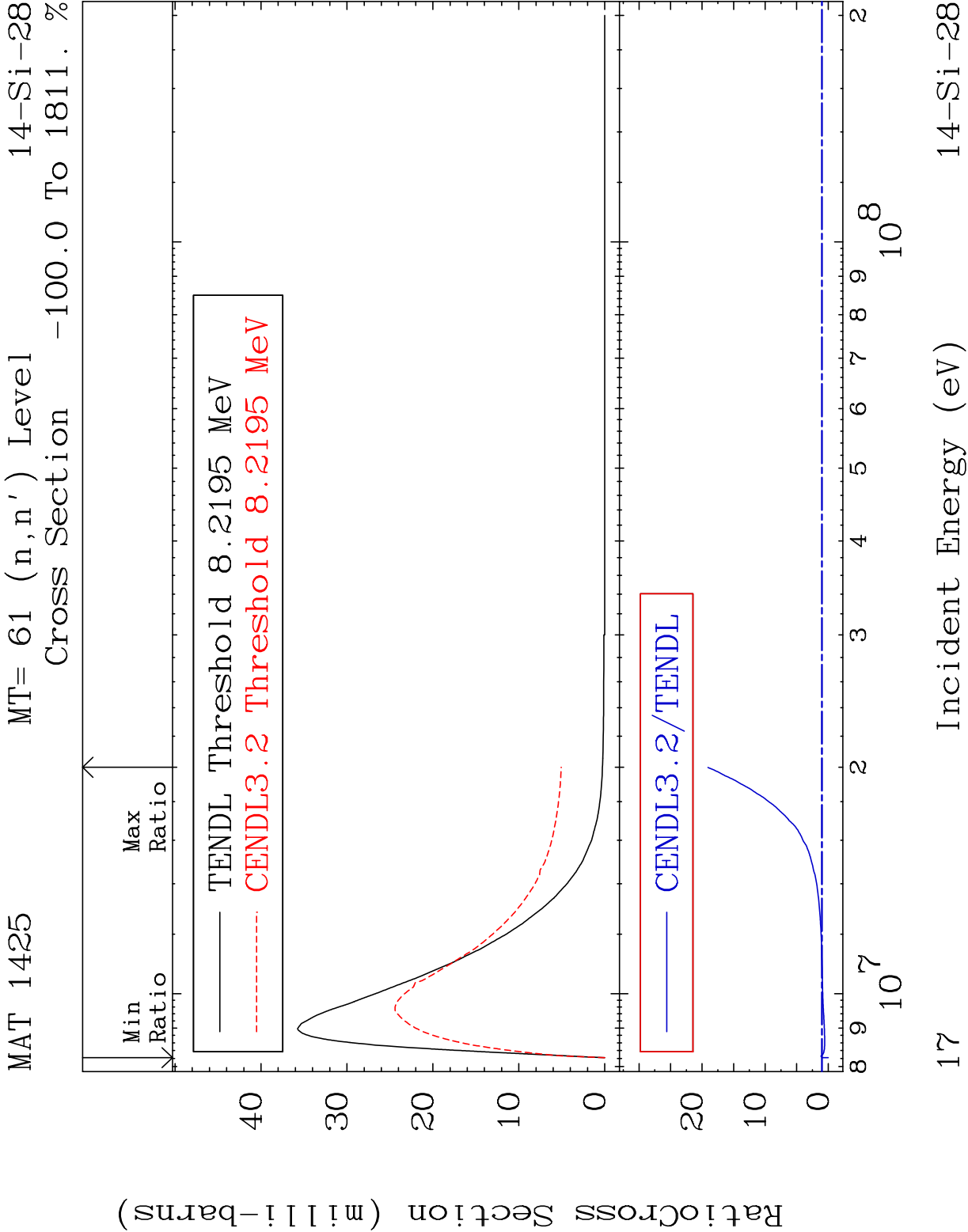
12 Incident Energy (eV) 14-Si-28

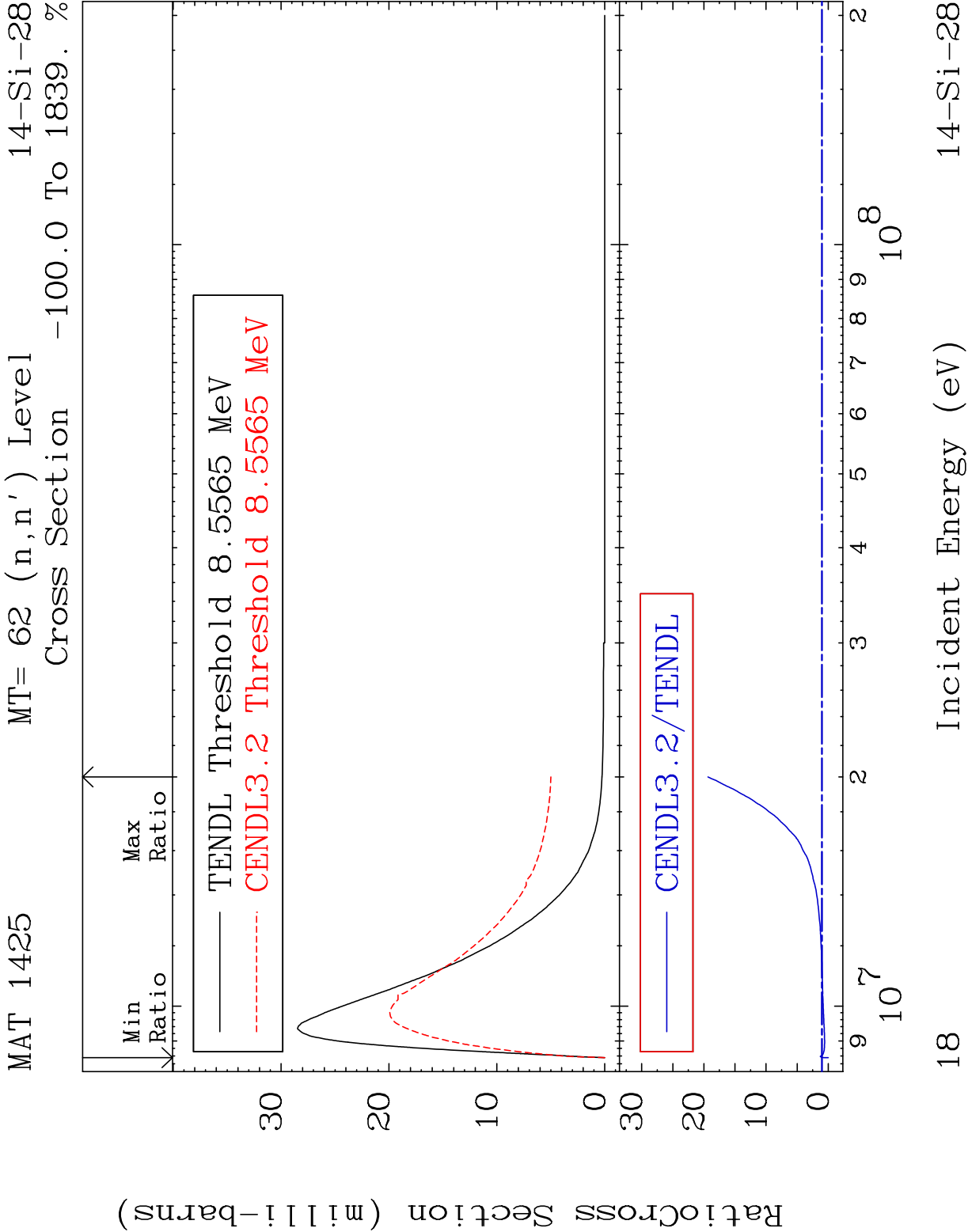










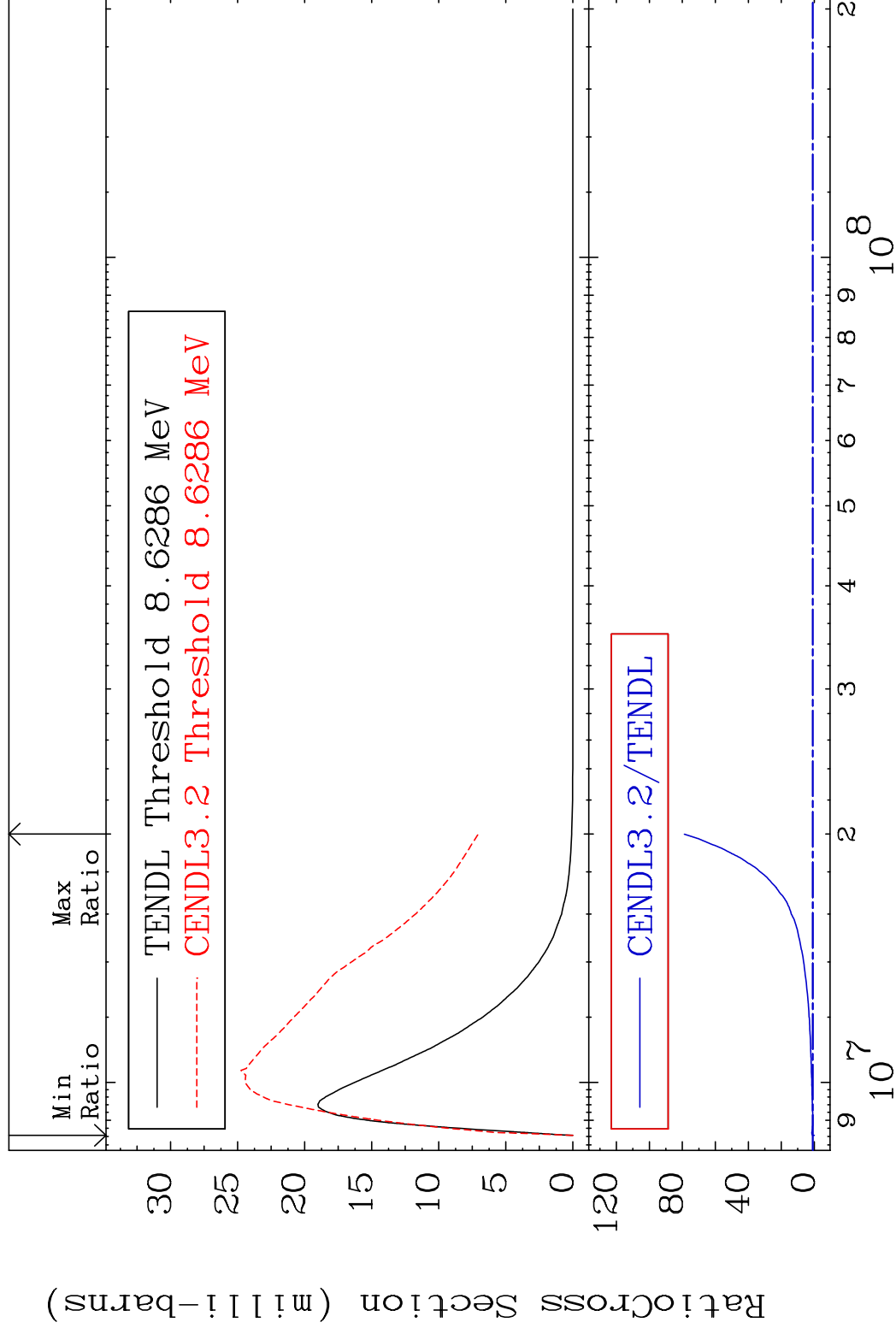


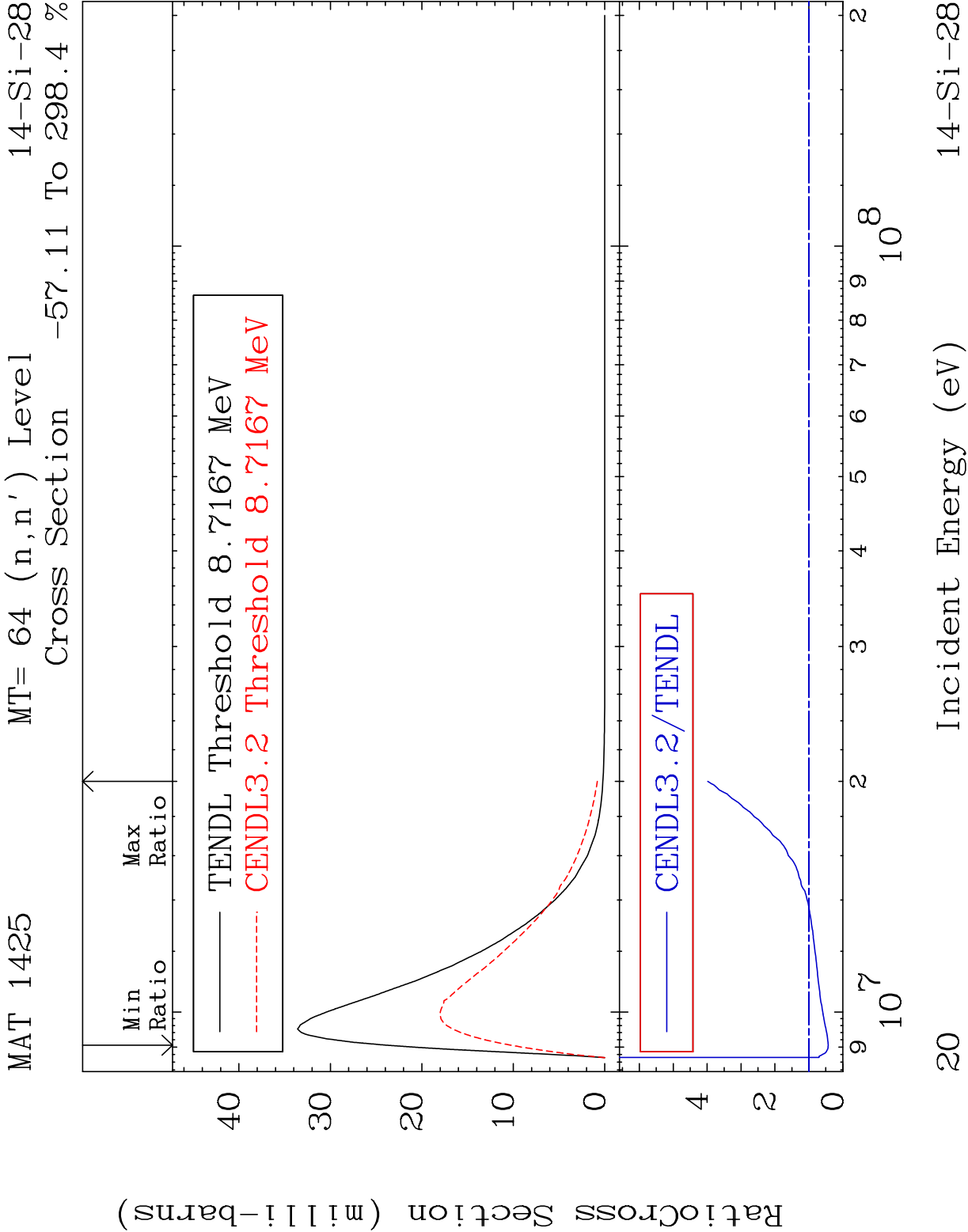
MAT 1425

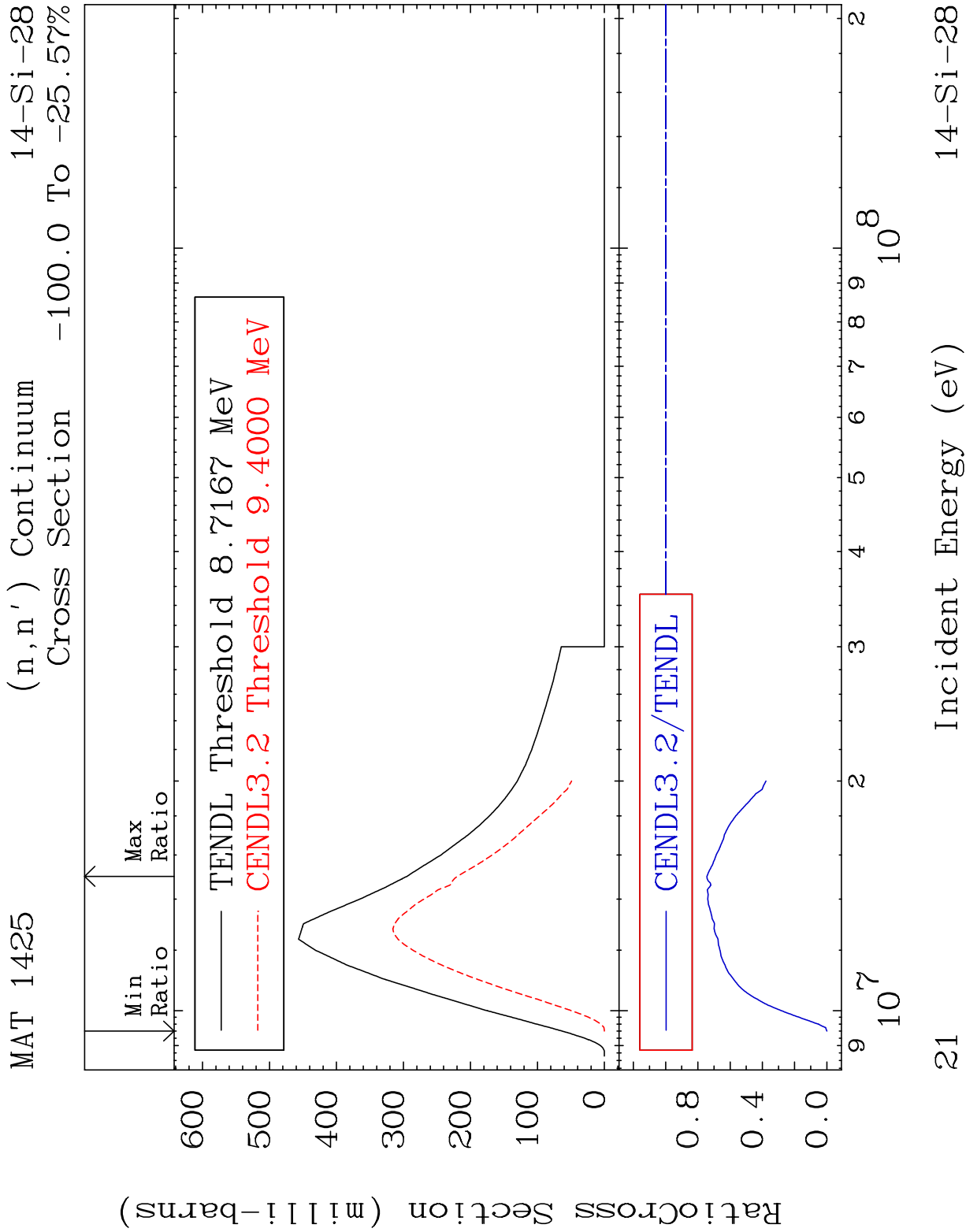
MT= 63 (n, n') Level

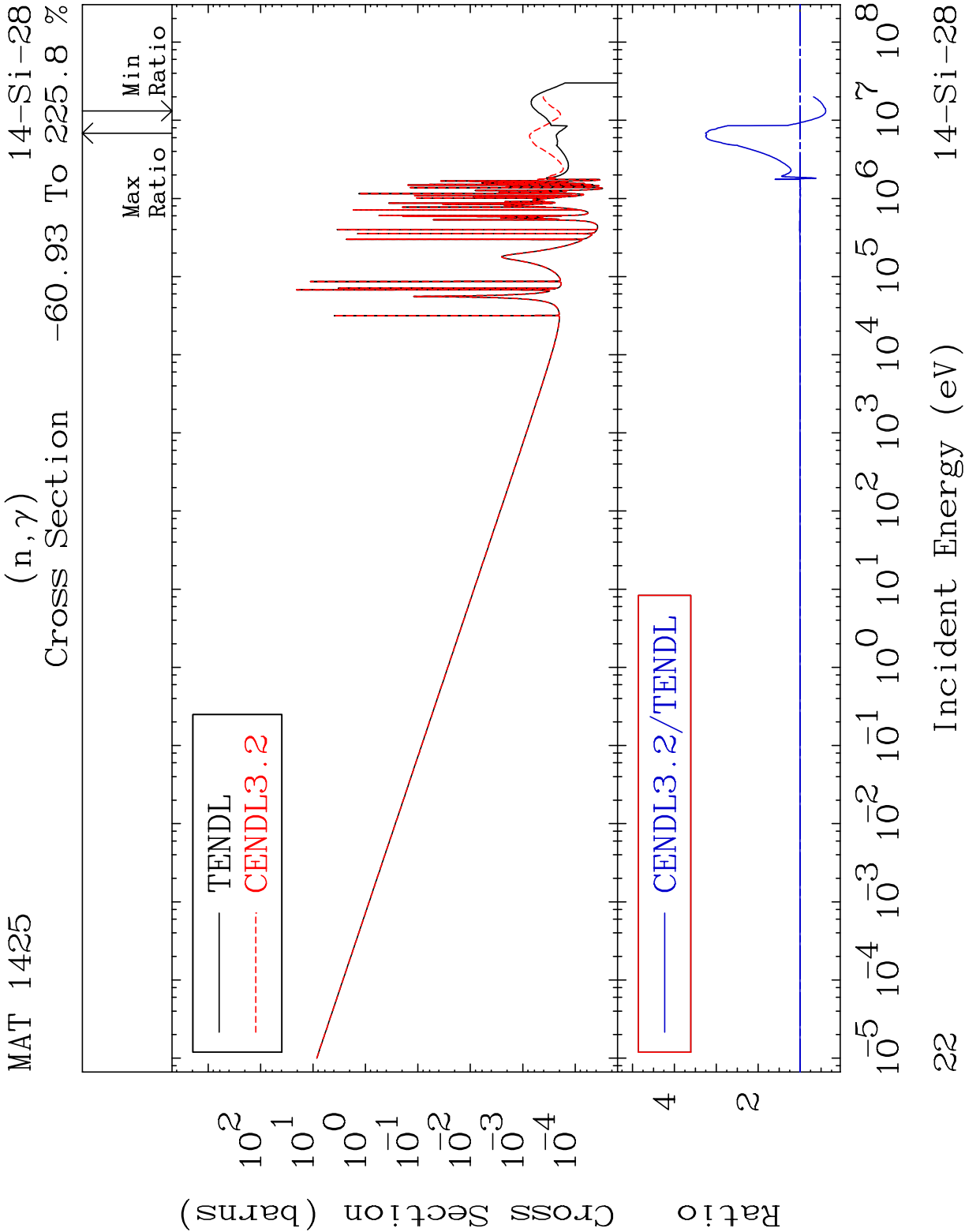
14-Si-28

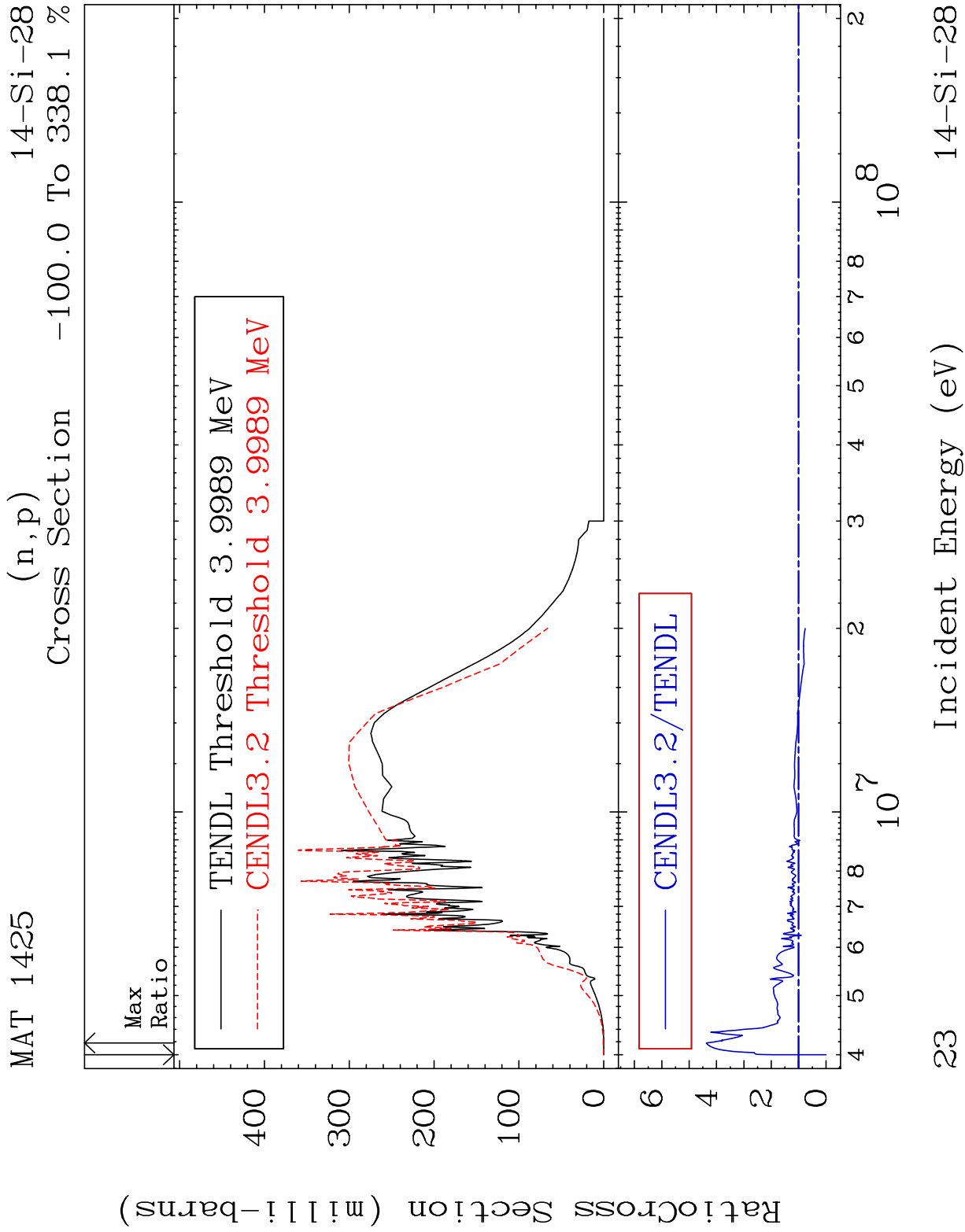
Cross Section -100.0 To 7795. %

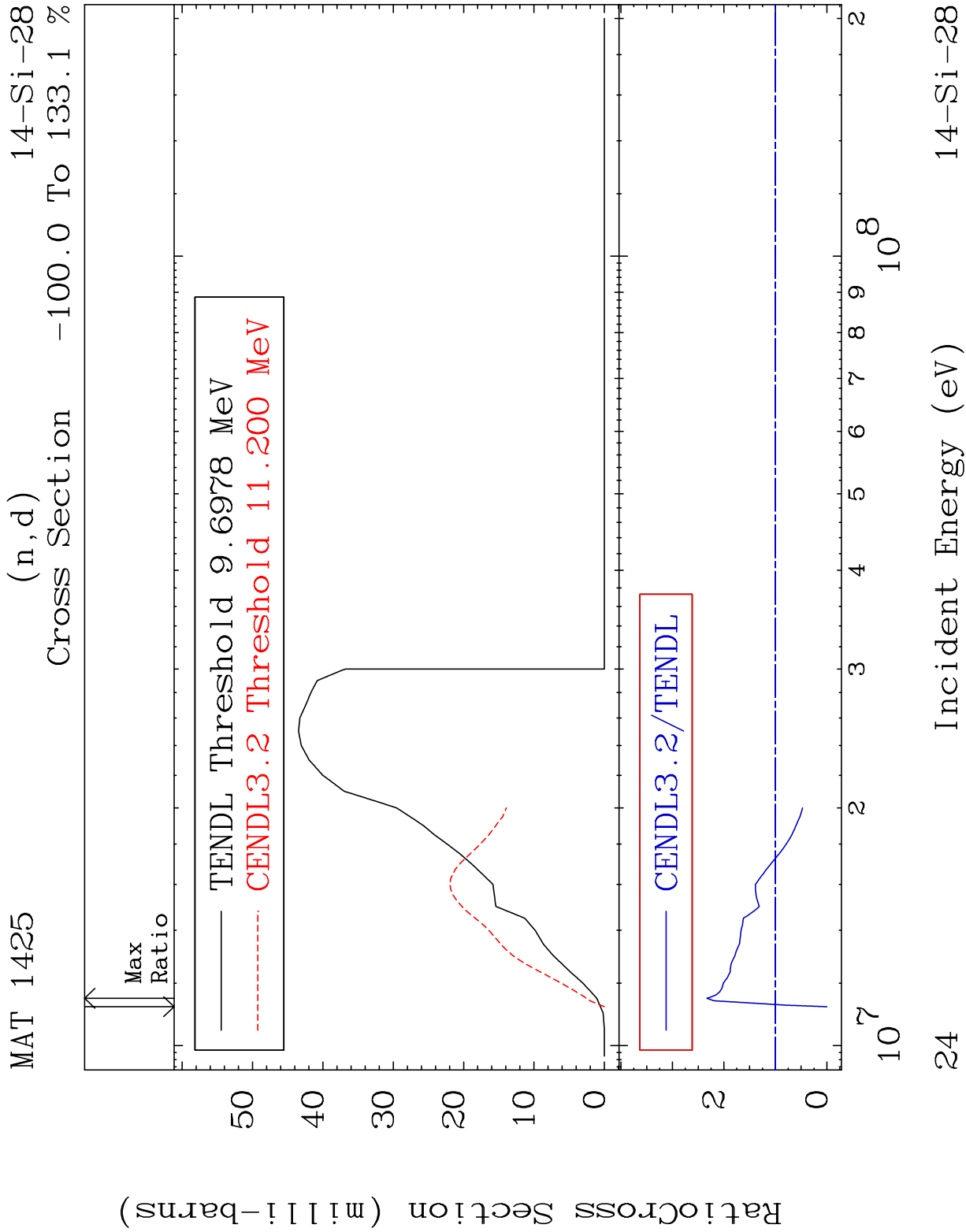


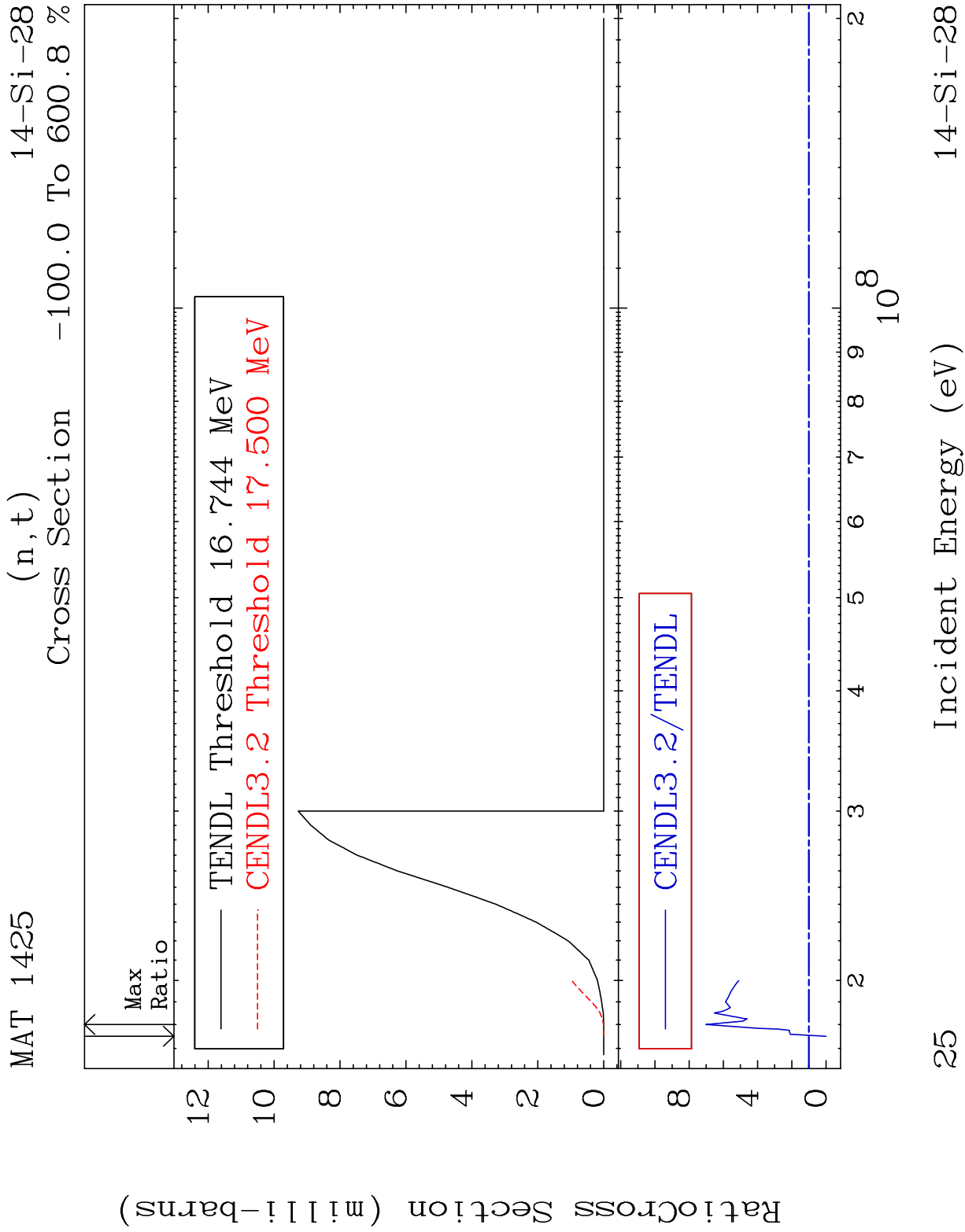


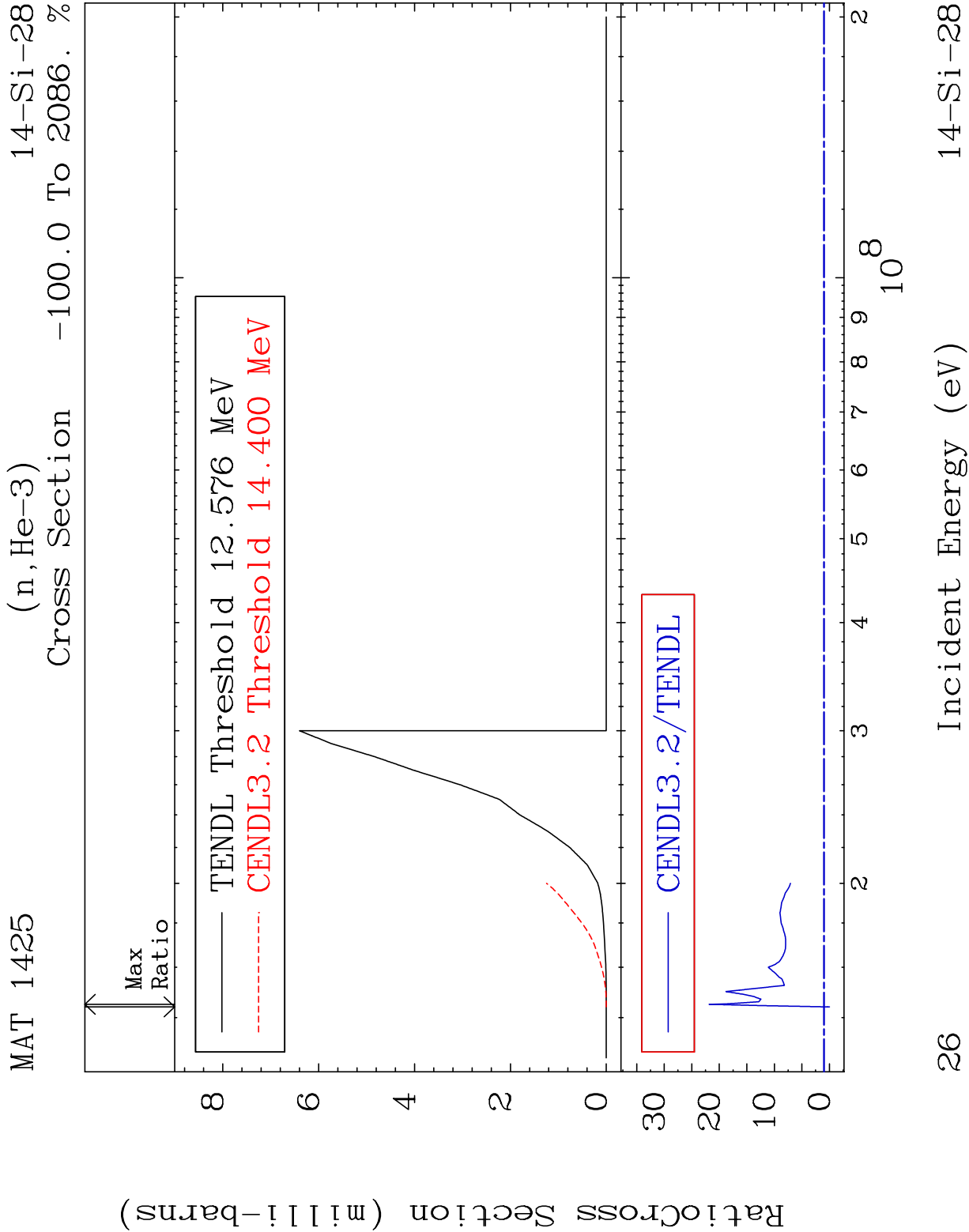










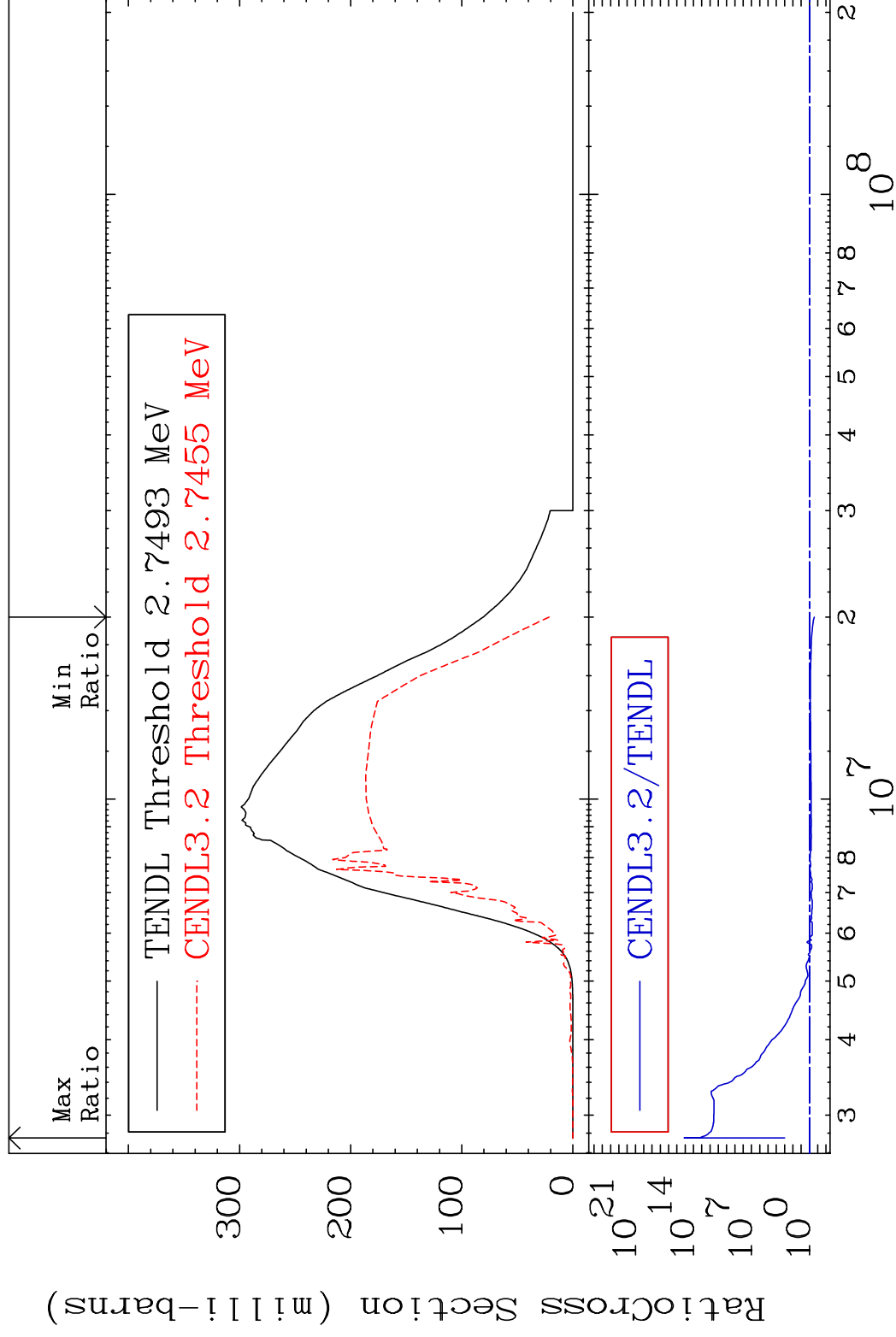


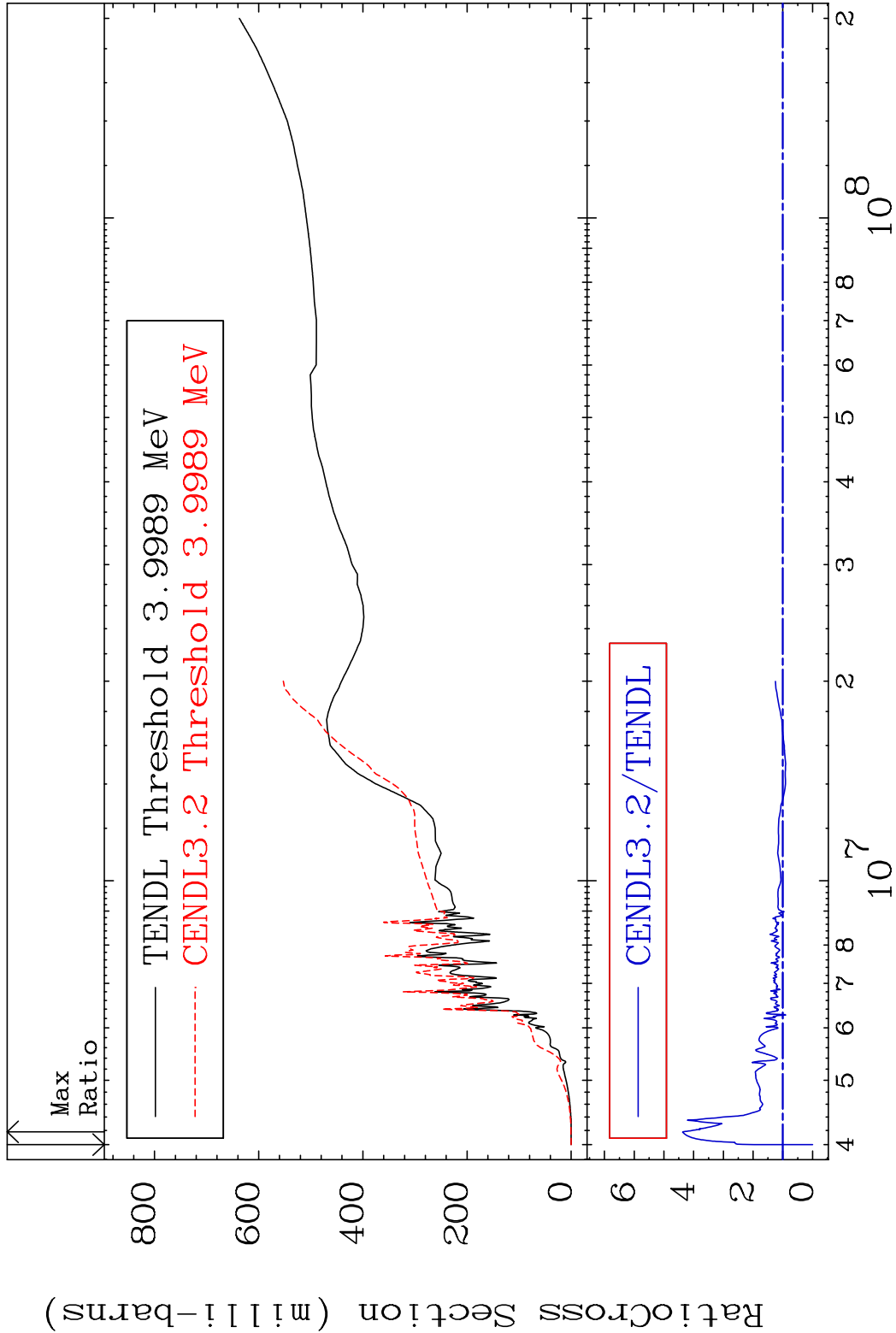
MAT 1425

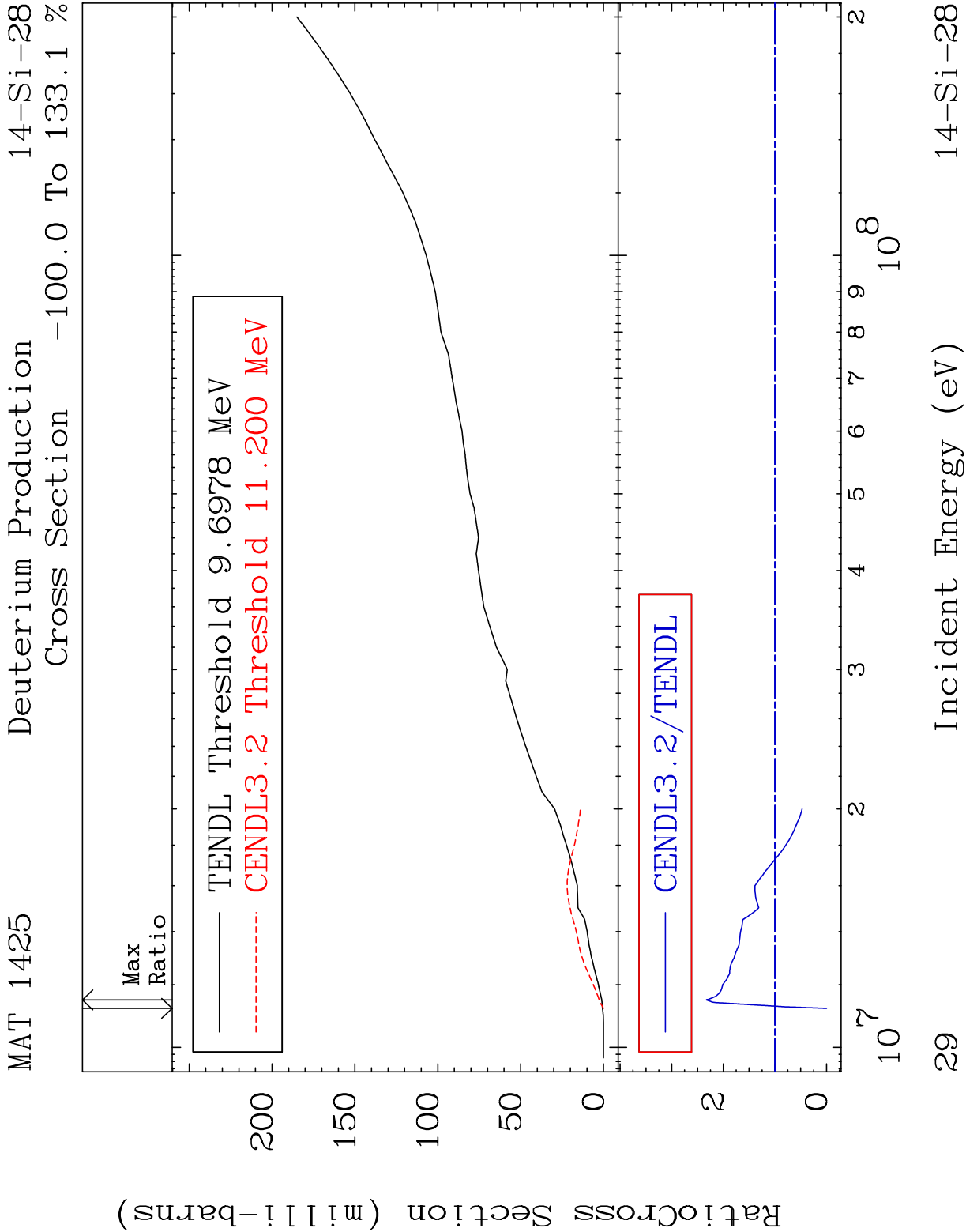
$$(n, \alpha)$$

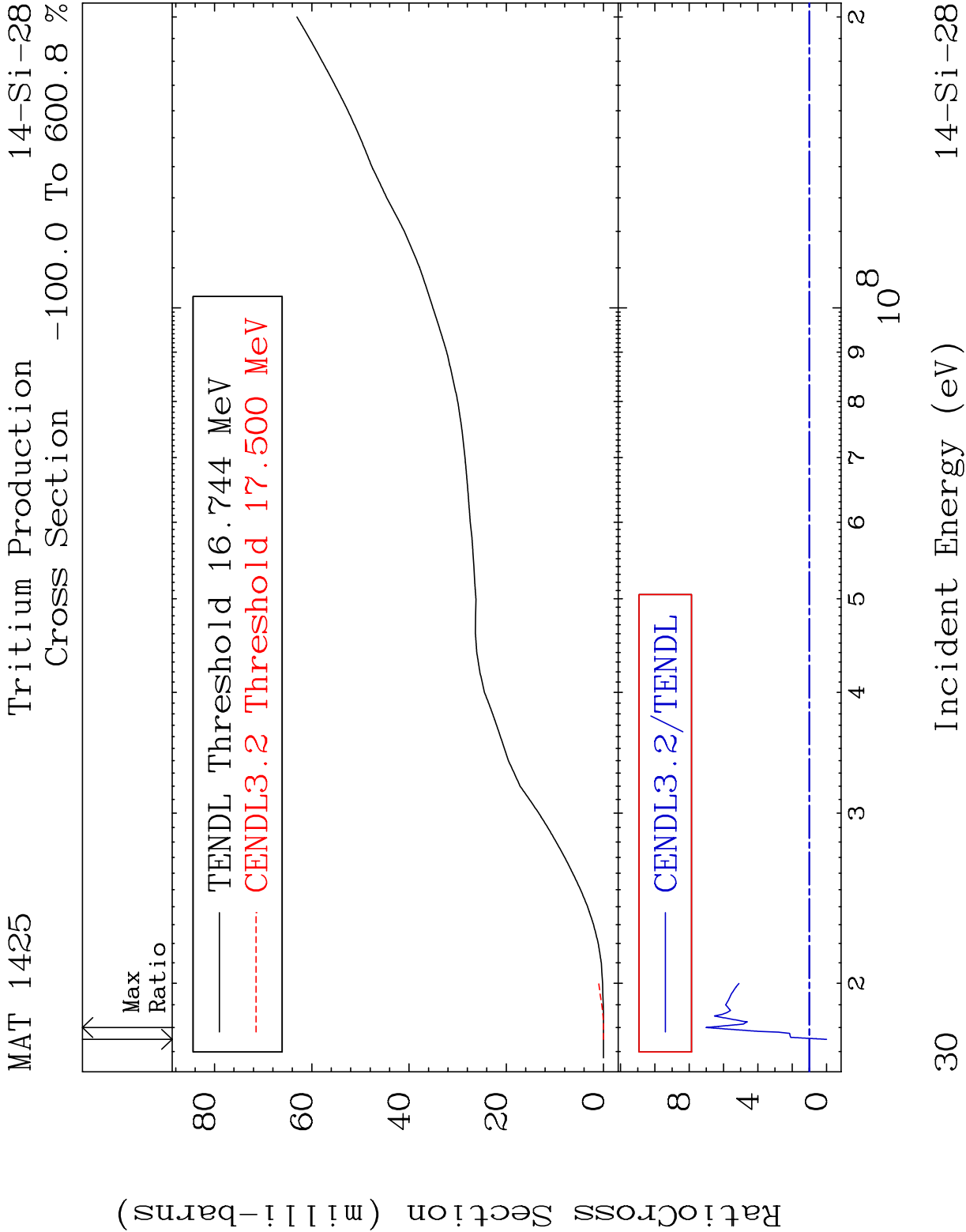
14-Si-28

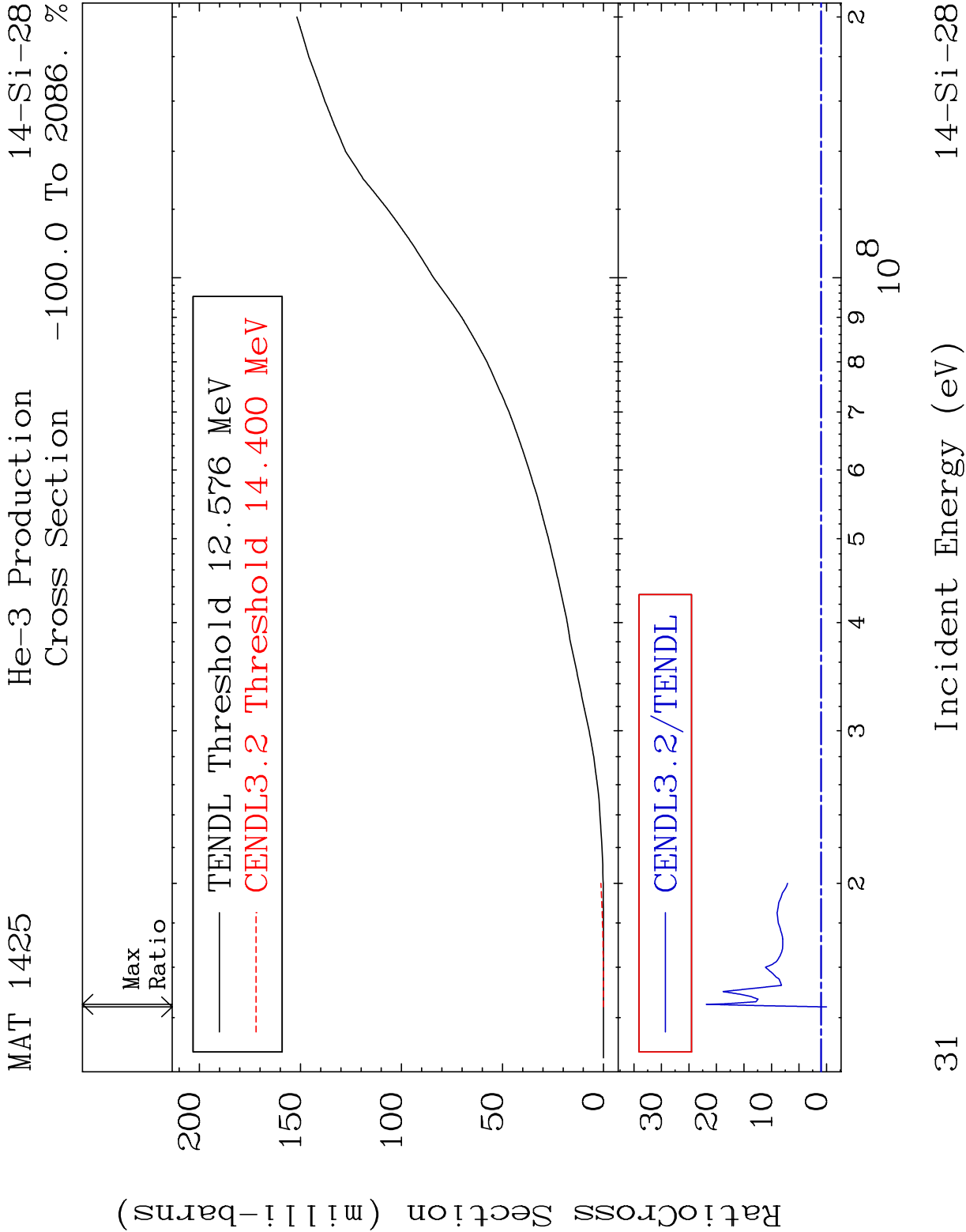
Cross Section -73.53 To 9999. %

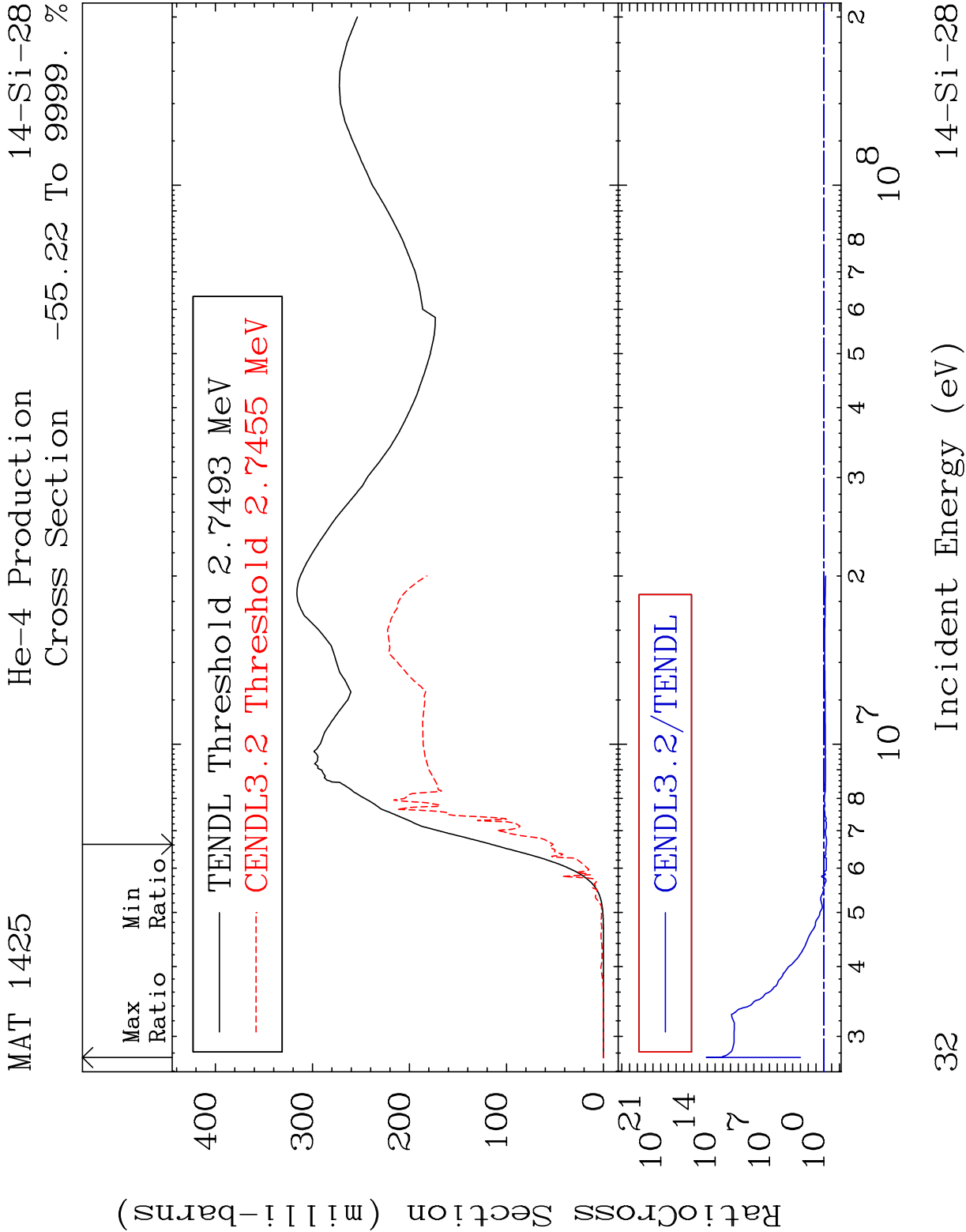


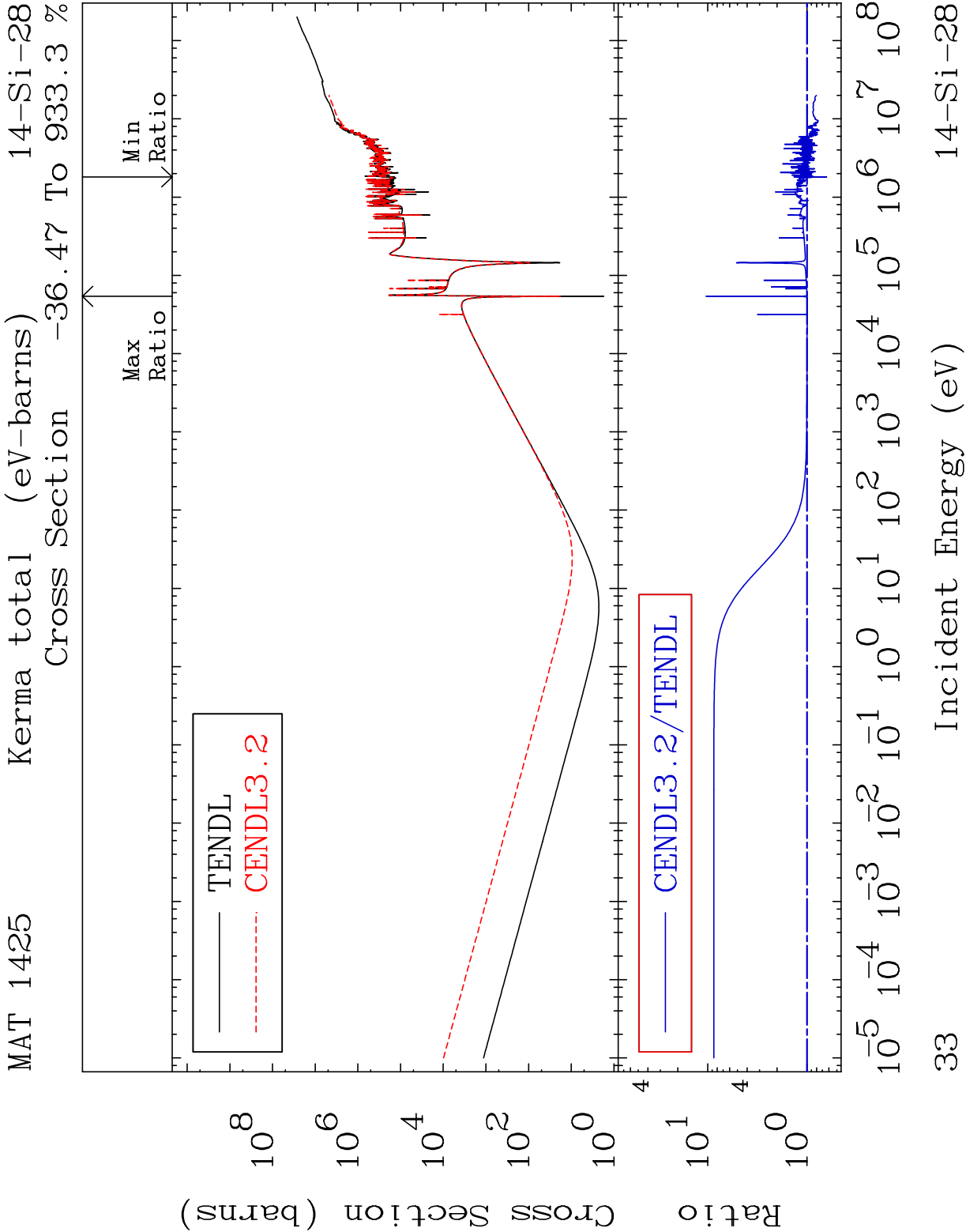


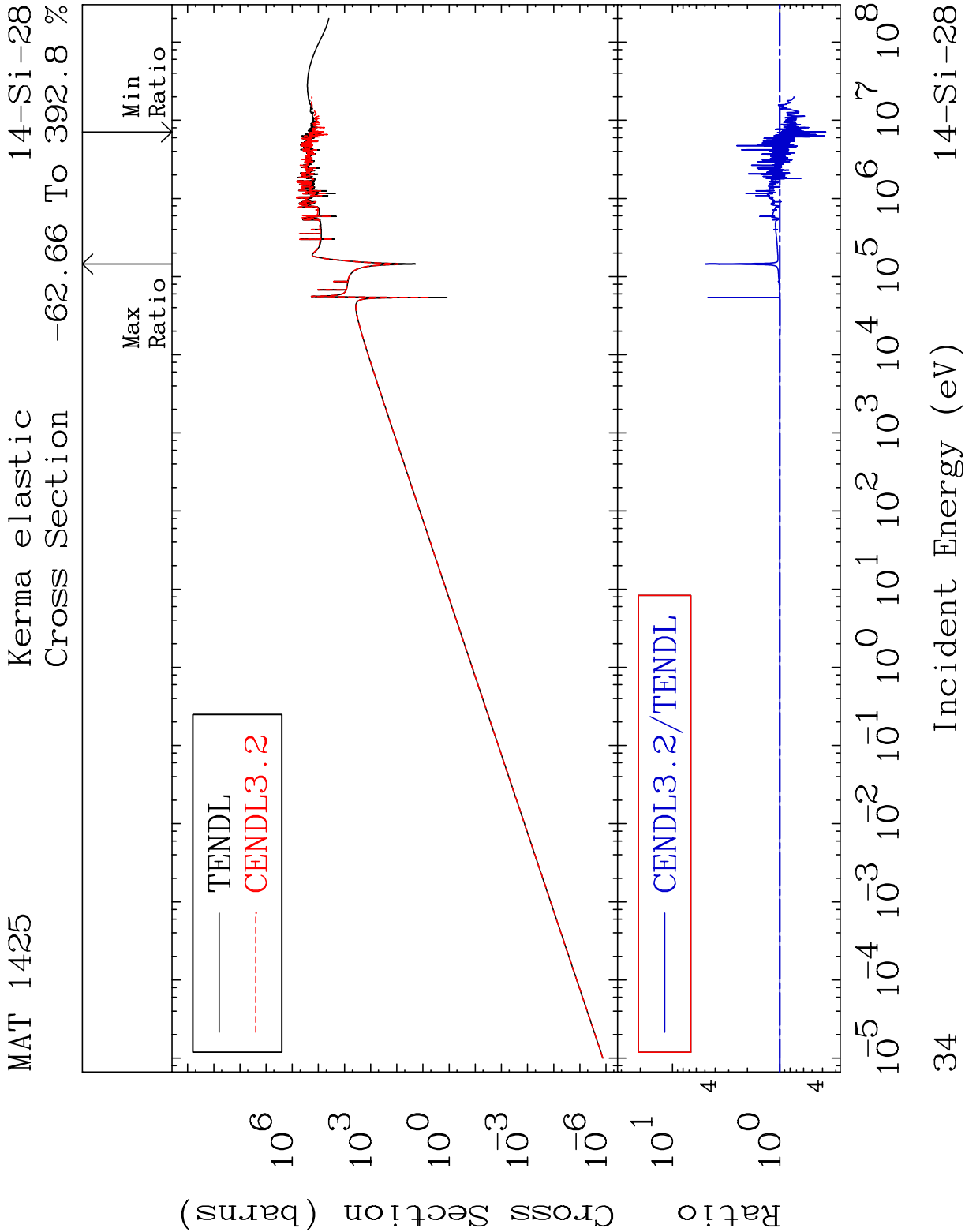




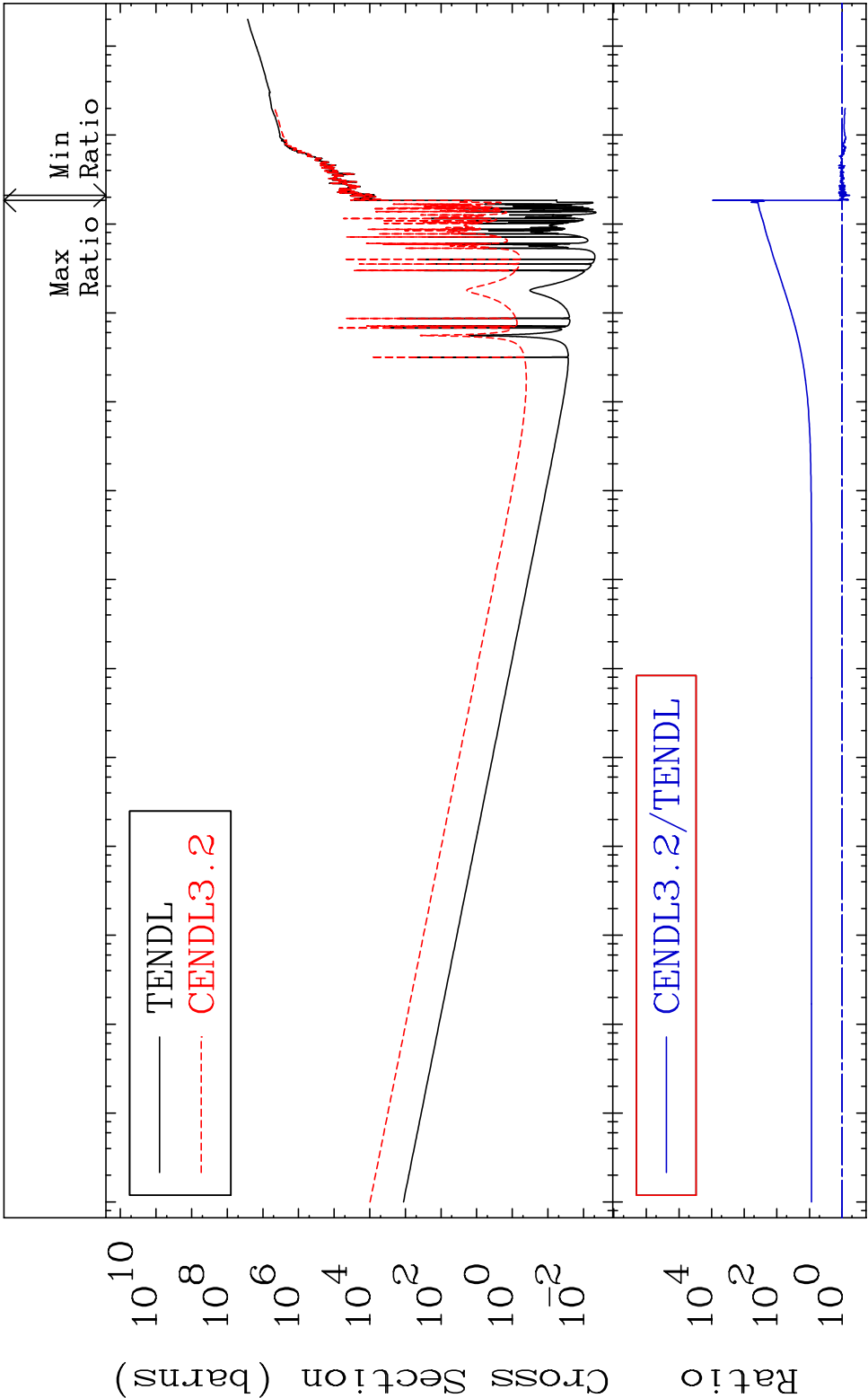




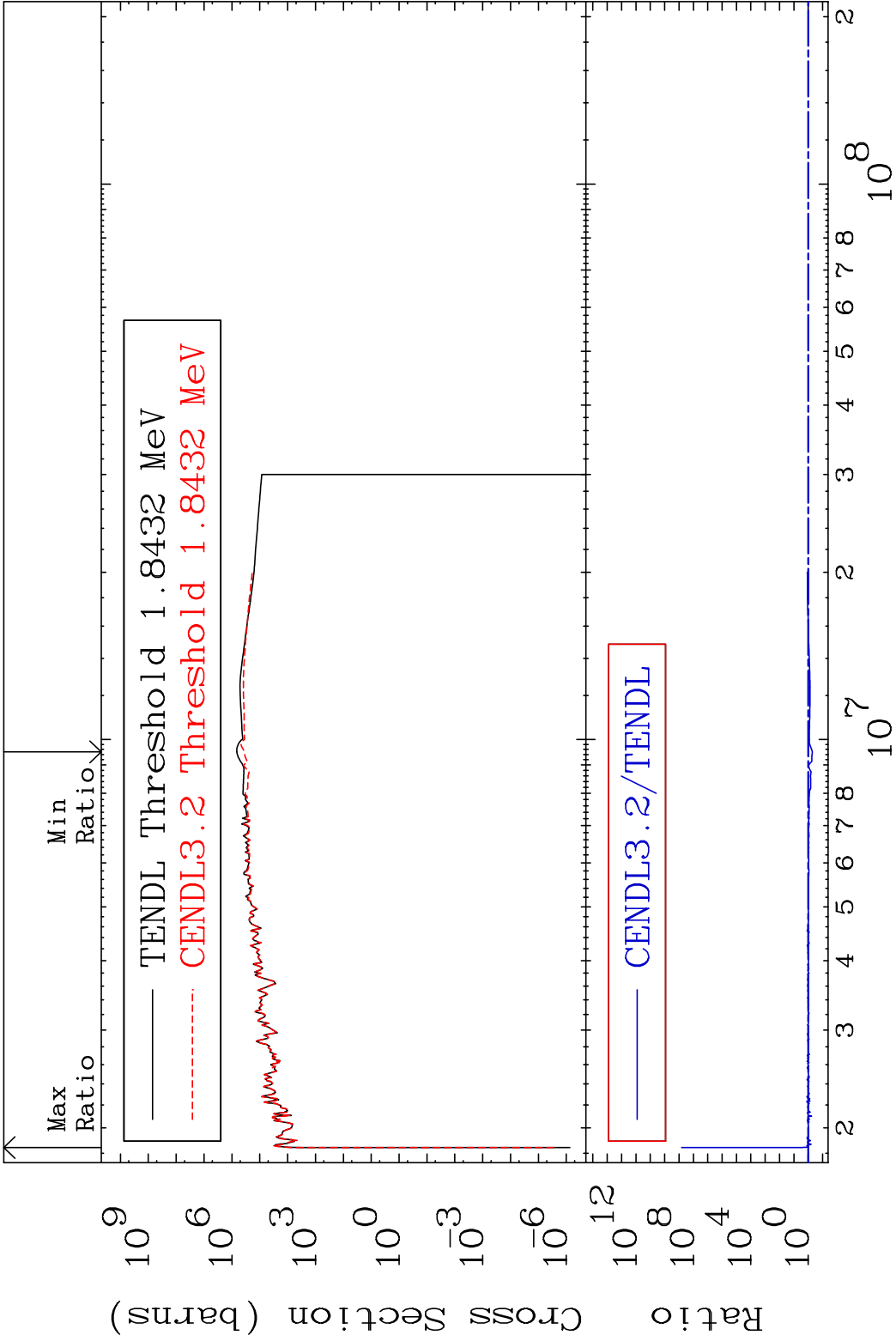




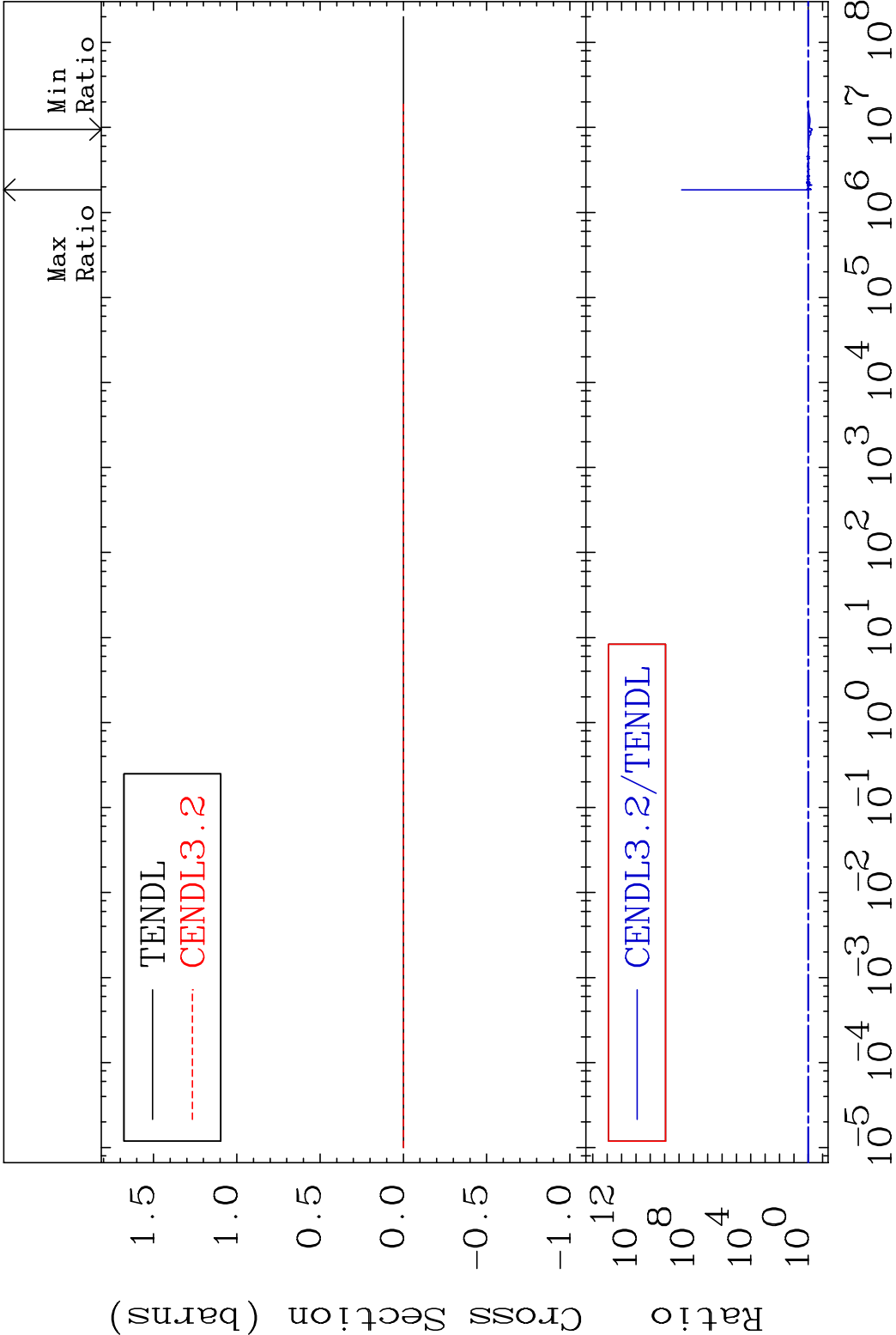
MAT 1425 Kerma non-elastic (all but mt2) 14-Si-28
 Cross Section -40.52 To 9999. %

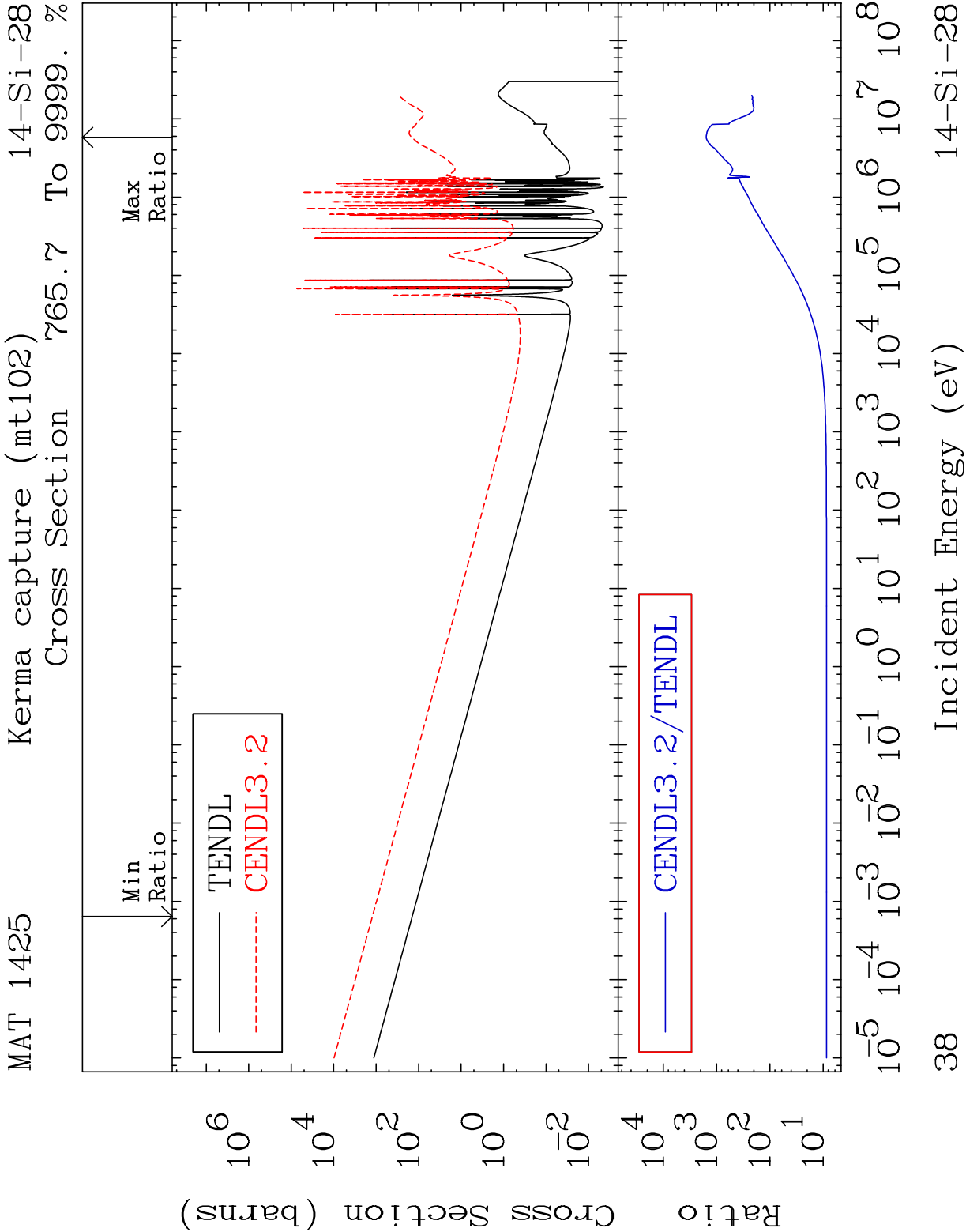


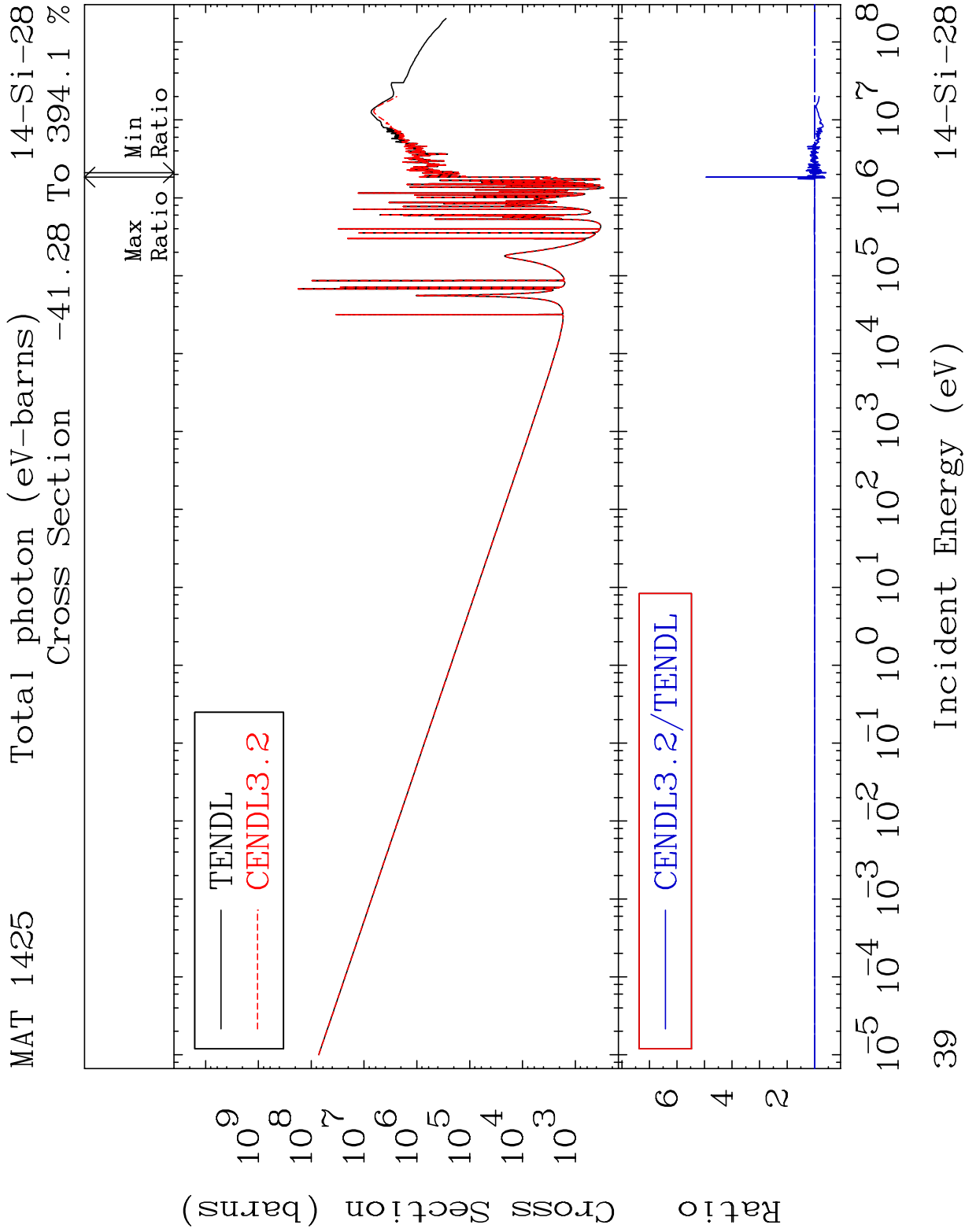
35 Incident Energy (eV) 14-Si-28



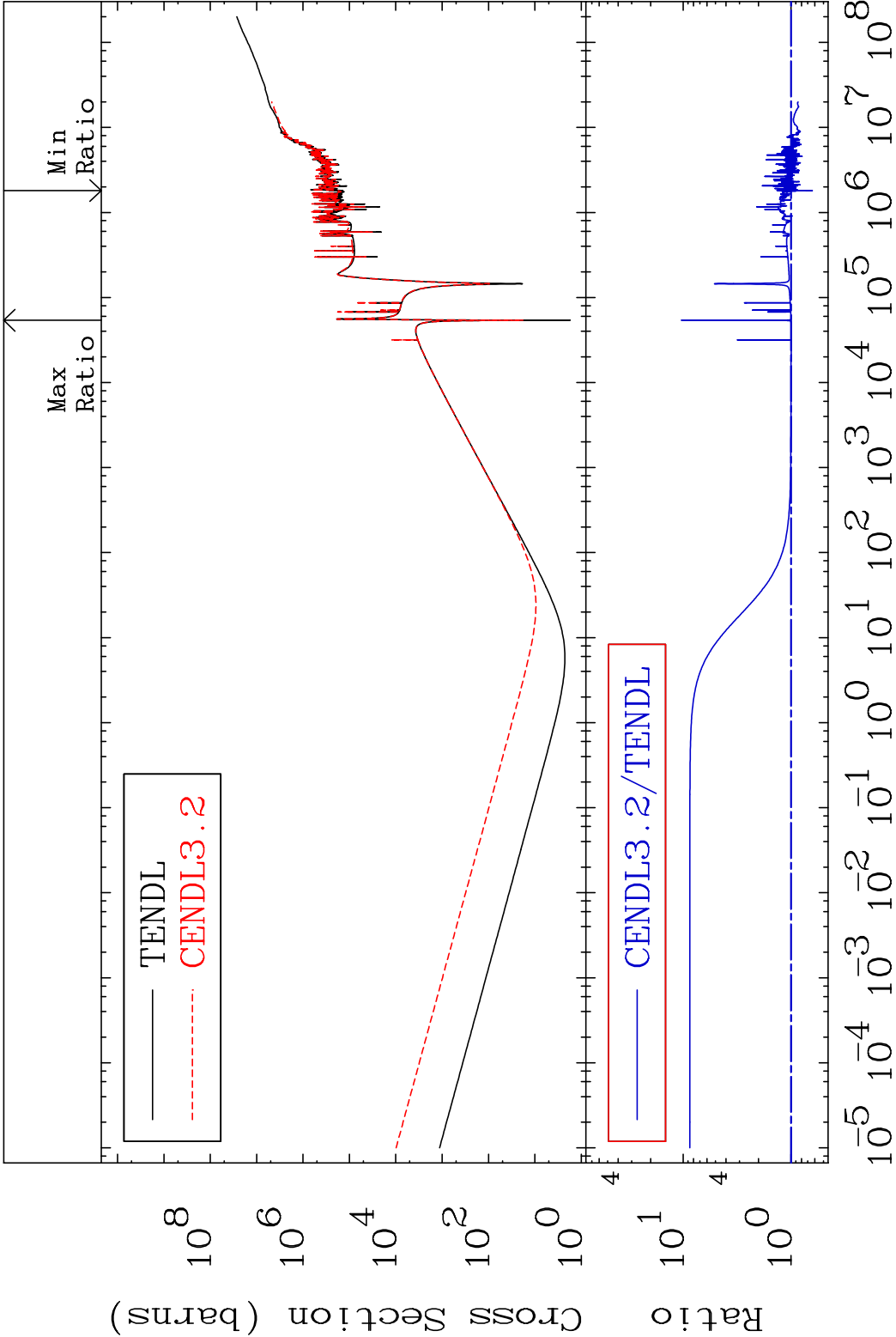
MAT 1425 Kerma fission (mt18 or mt19-20-21-38) 14-Si-28
Cross Section -47.09 To 9999. %



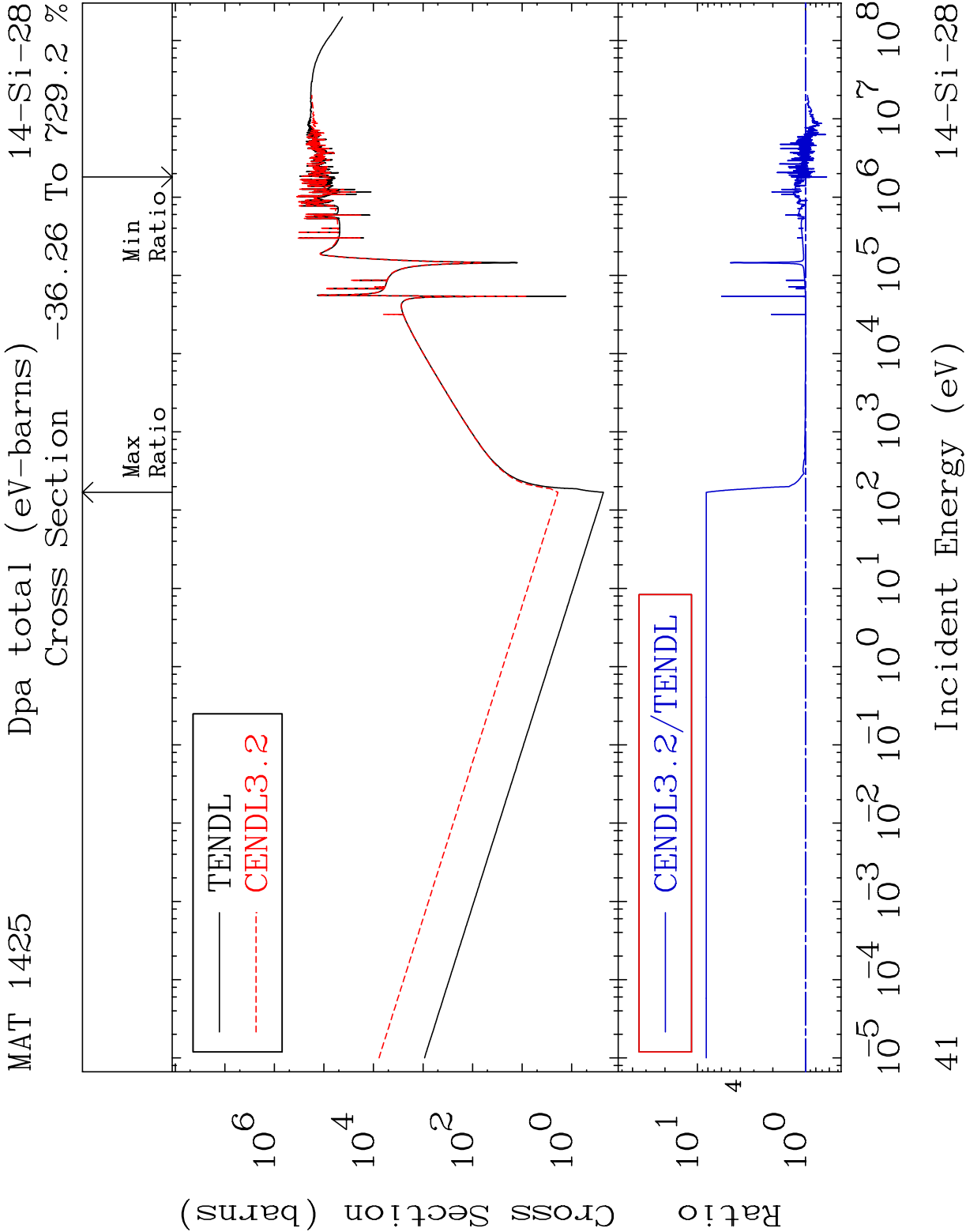




MAT 1425 Total kinematic kerma (high limit) 14-Si-28
Cross Section -36.47 To 933.3 %



40 Incident Energy (eV) 14-Si-28



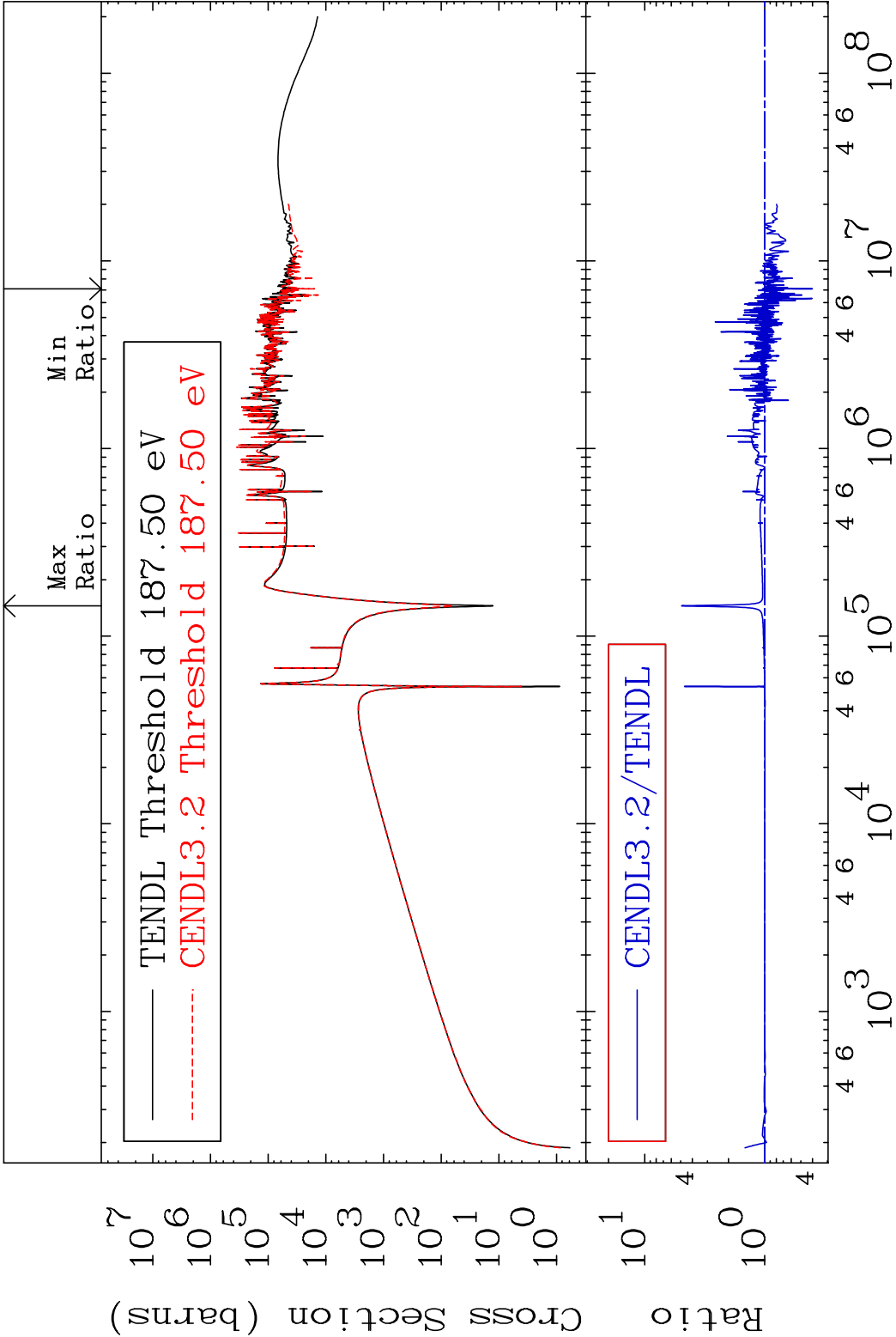
MAT 1425

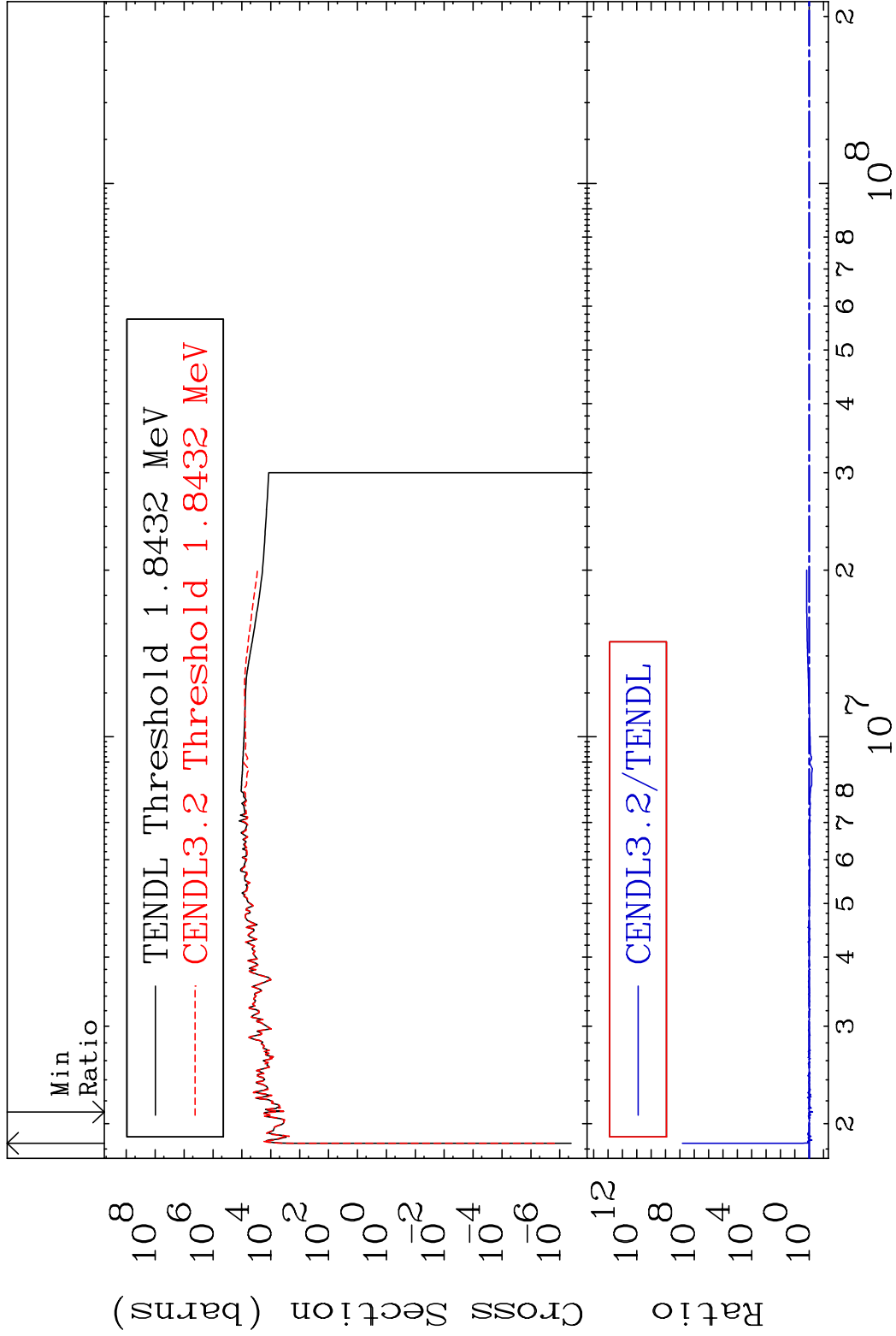
Dpa elastic (mt2)

14-Si-28

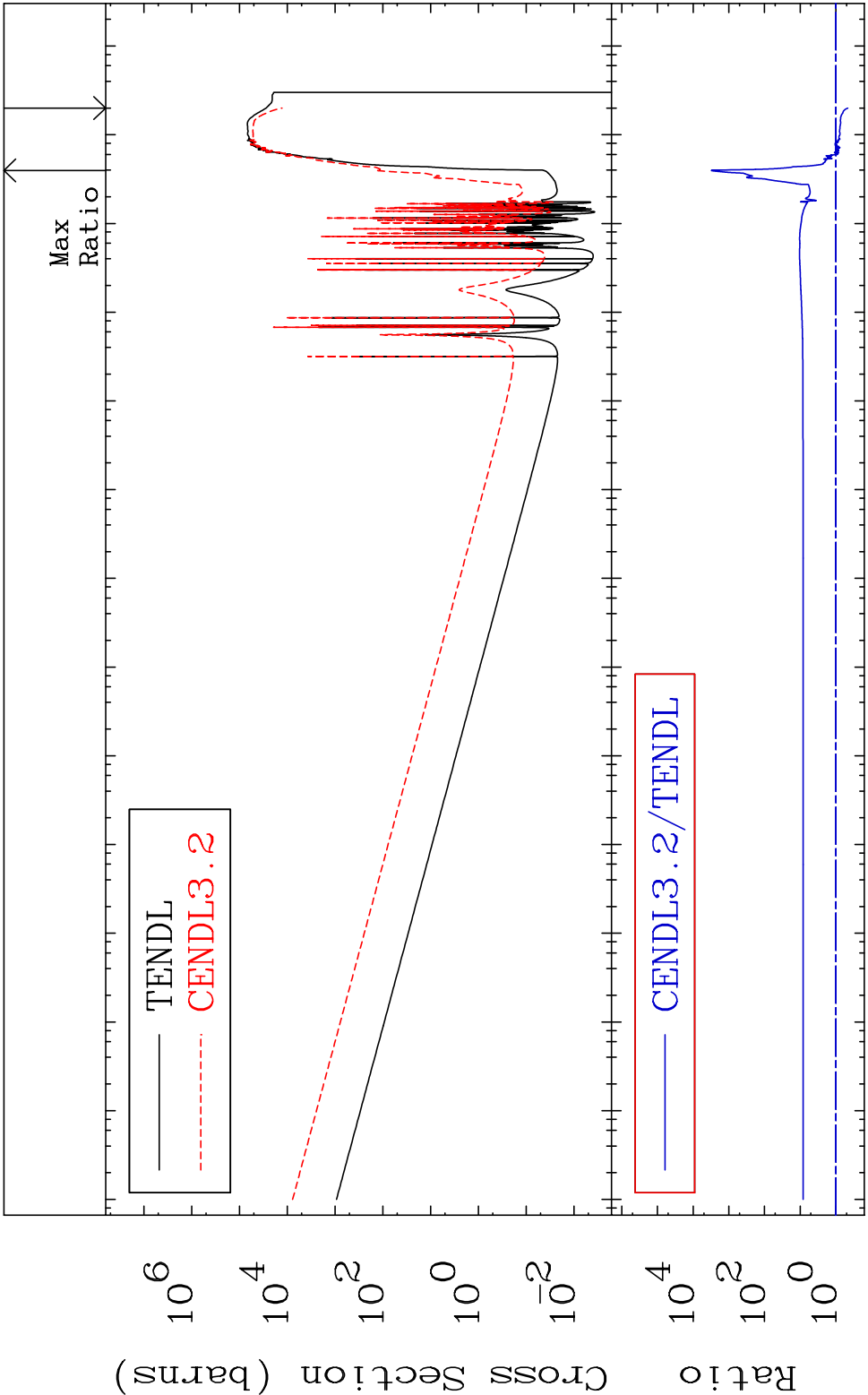
Cross Section

-59.83 To 392.6 %





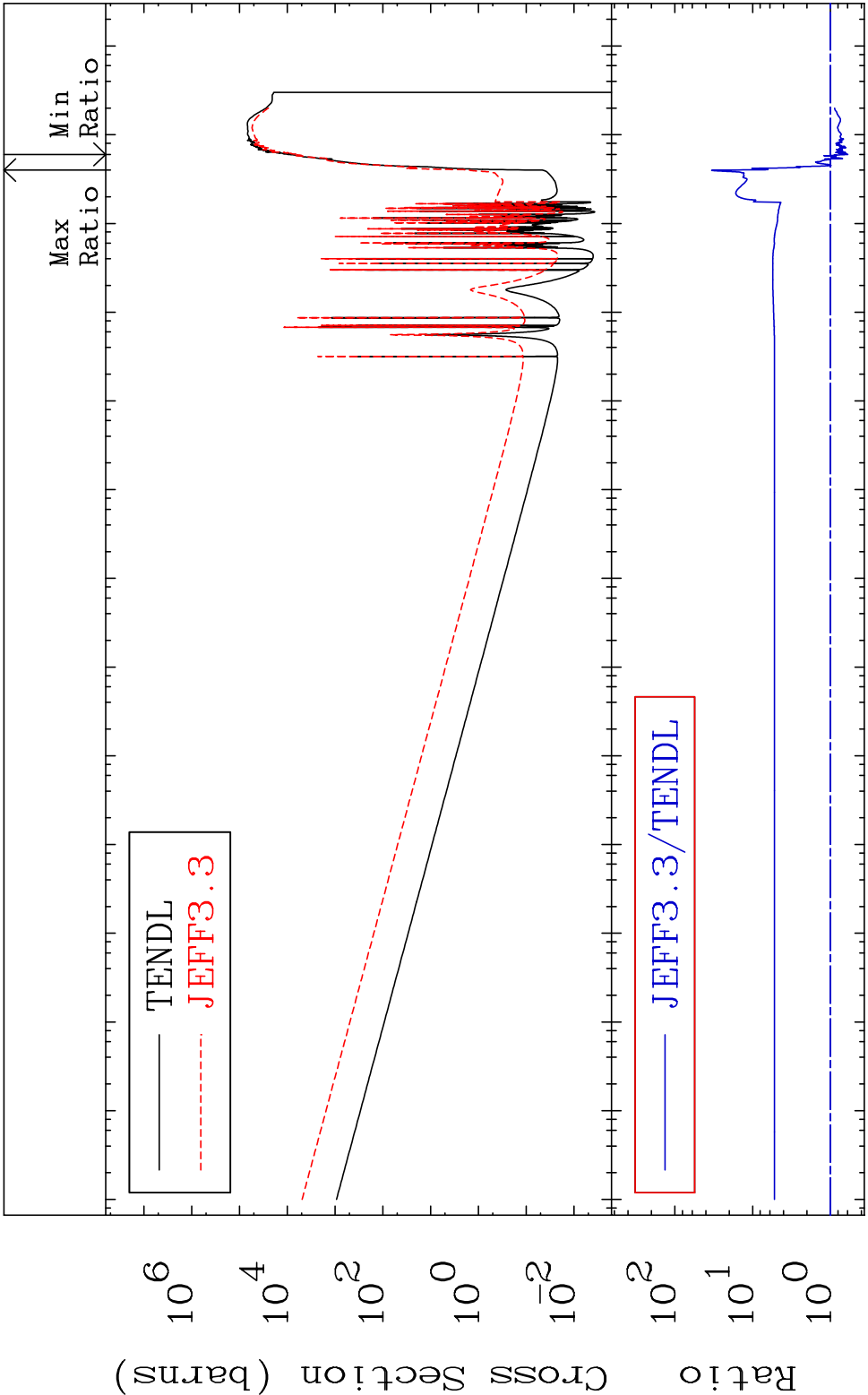
MAT 1425 Dpa disappearance (mt102 -120) 14-Si-28
Cross Section -53.75 To 9999. %



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

44 Incident Energy (eV) 14-Si-28

MAT 1425 Dpa disappearance (mt102 -120) 14-Si-28
Cross Section -40.13 To 3299. %



45 Incident Energy (eV) 14-Si-28