

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

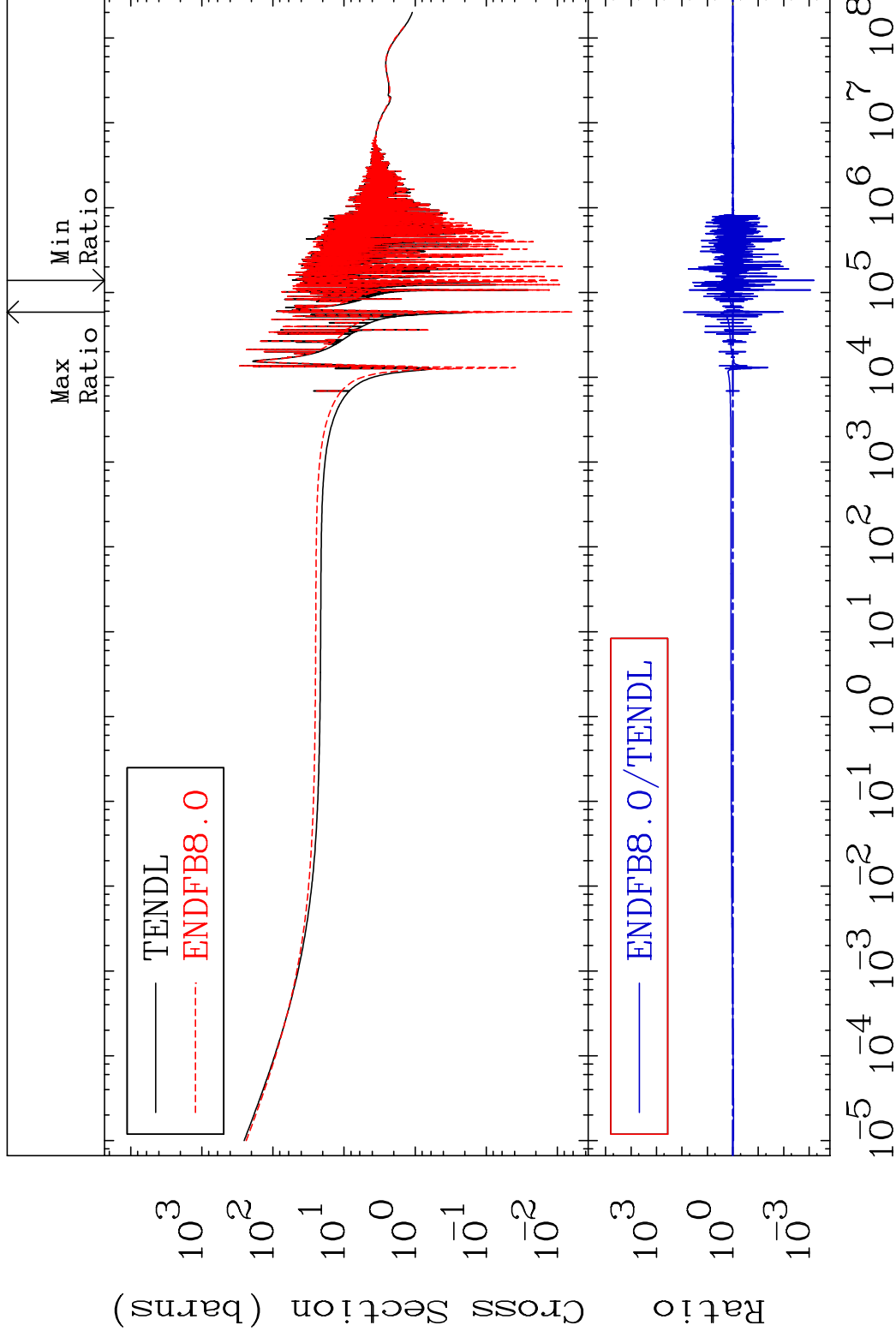
MAT 2825

Total

28-Ni-58

Cross Section

-99.94 To 8458. %



1

Incident Energy (eV)

28-Ni-58

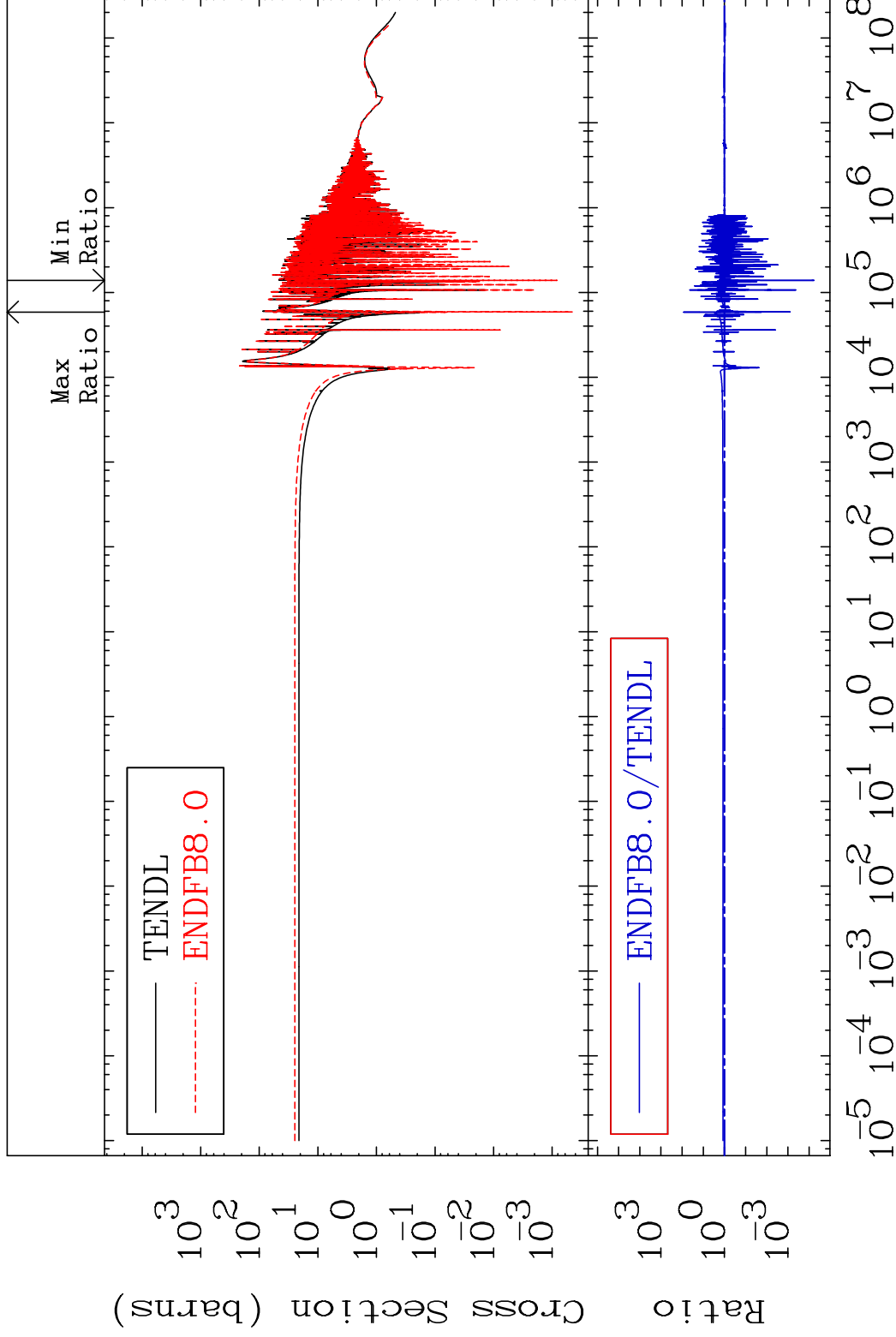
MAT 2825

Elastic

28-Ni-58

Cross Section

-99.99 To 8359. %

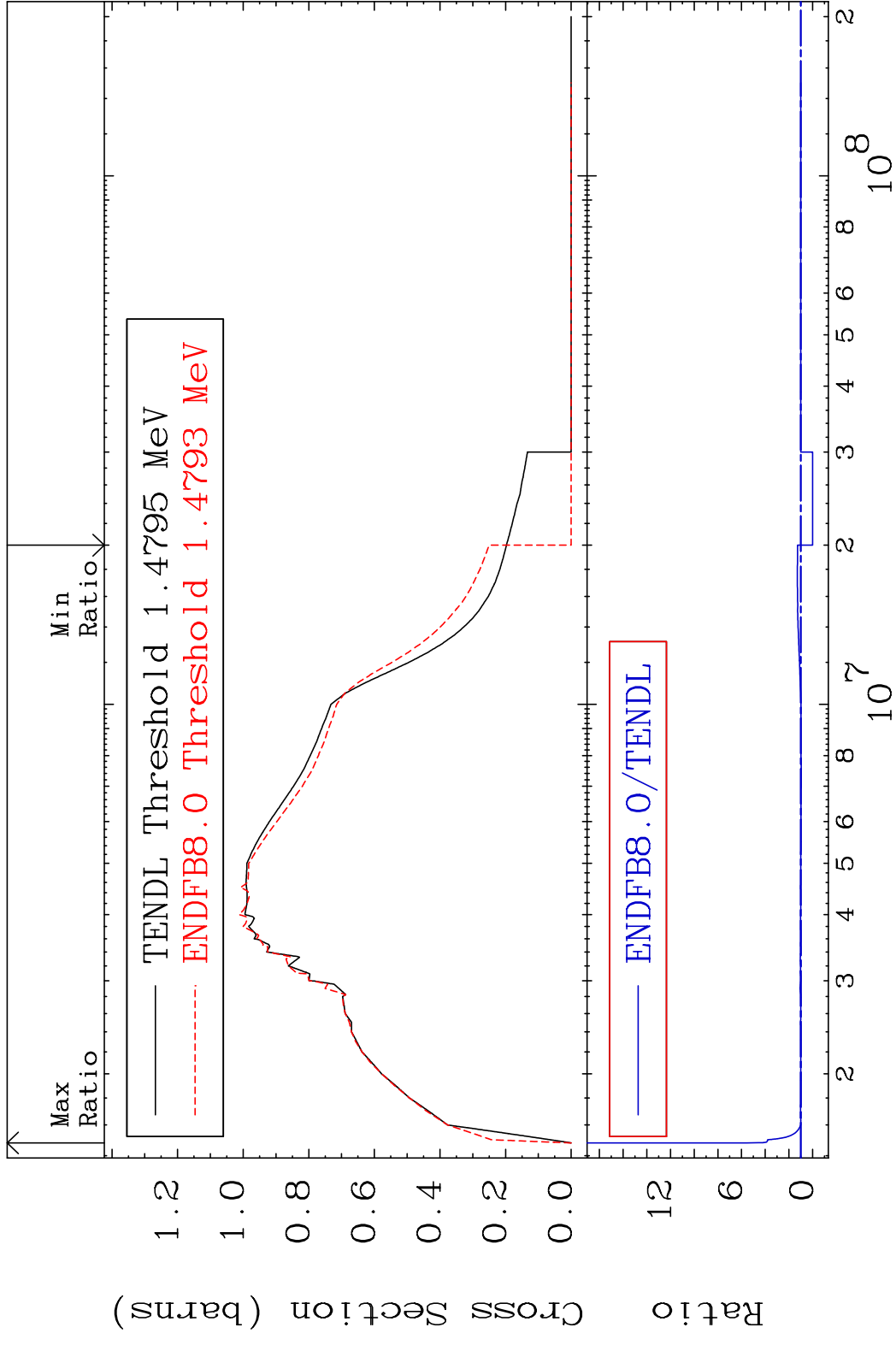


2

Incident Energy (eV)

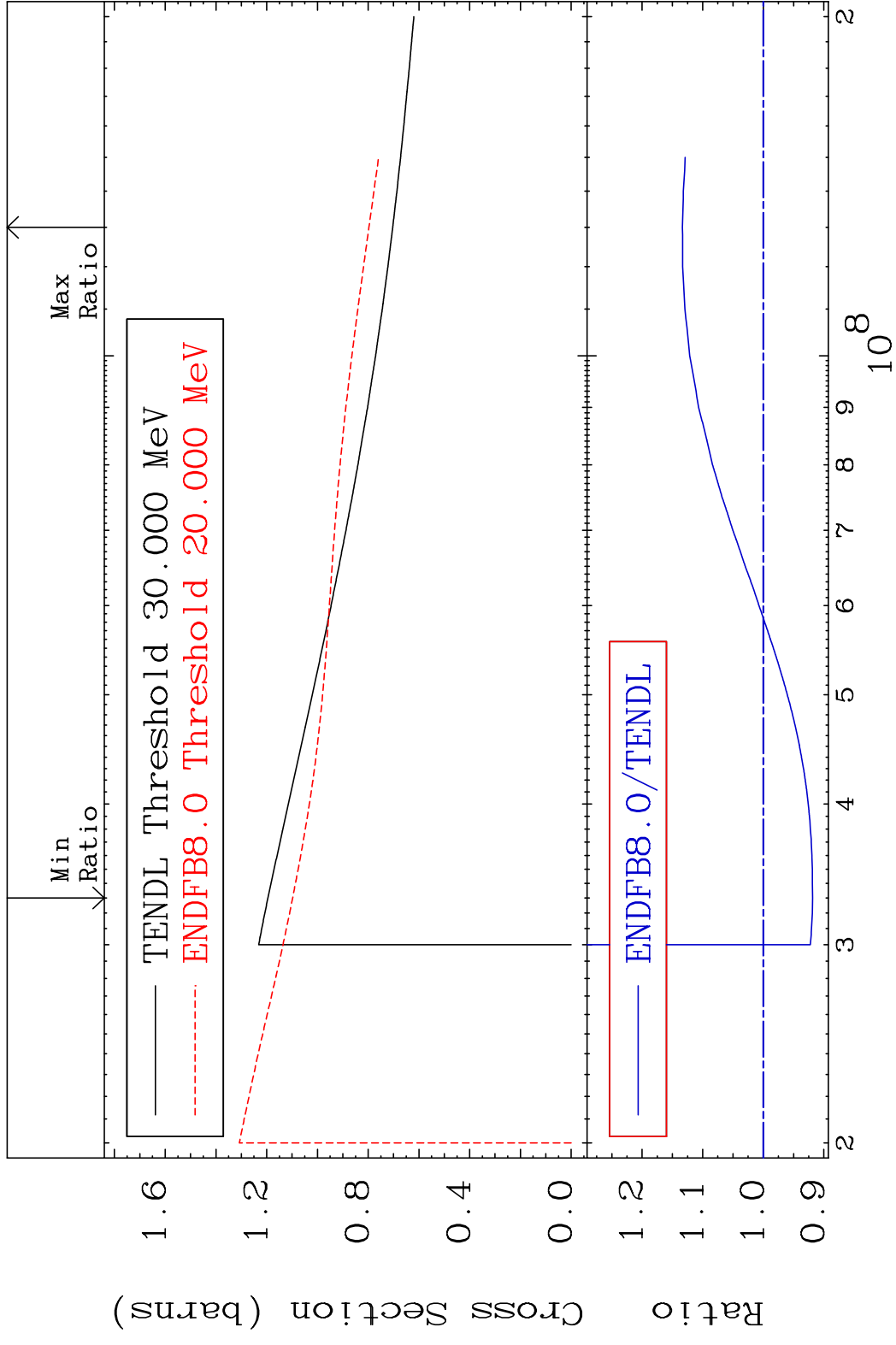
28-Ni-58

MAT 2825 Inelastic 28-Ni-58  
 Cross Section -100.0 To 1000.0%



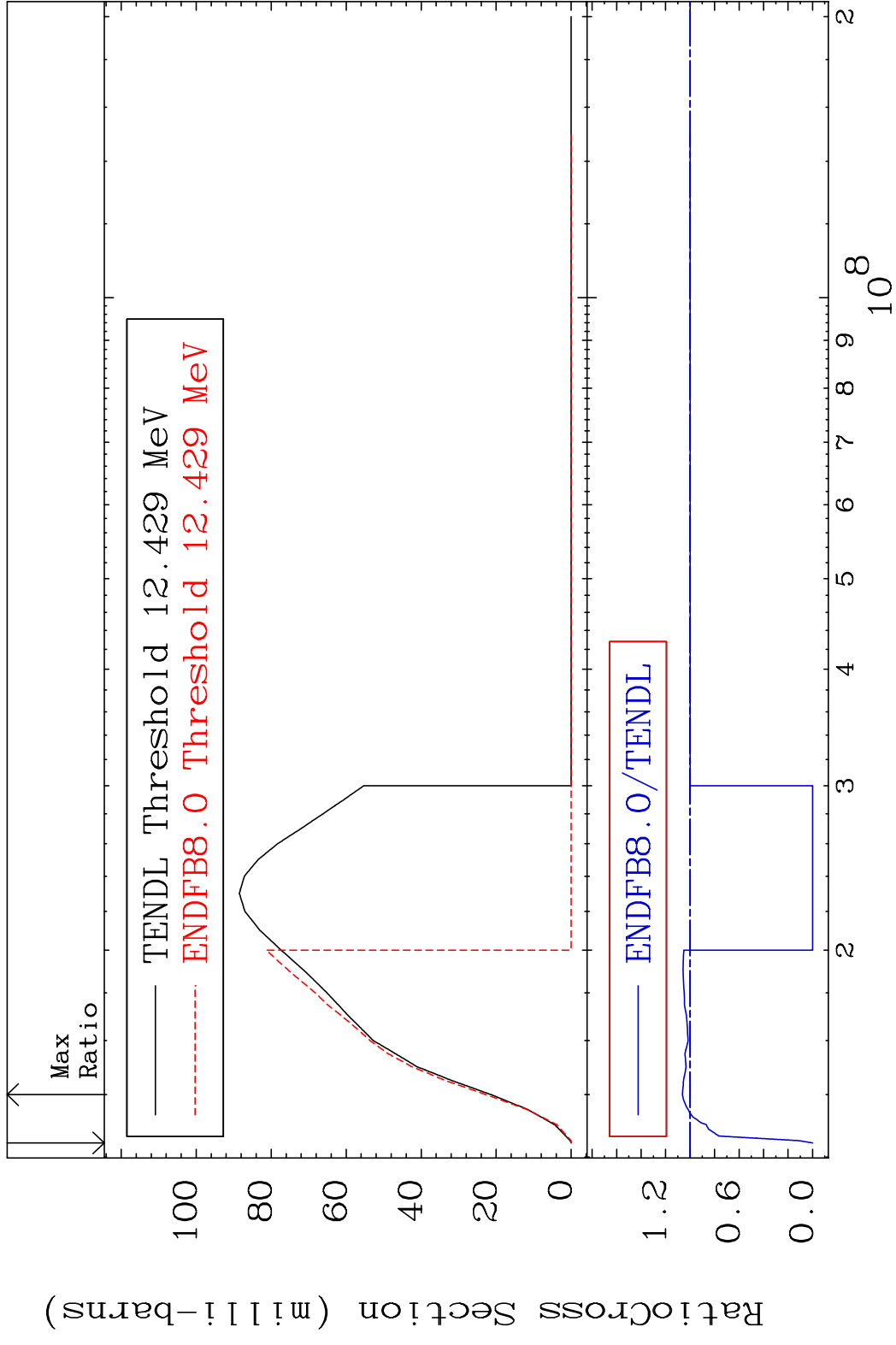
3 3 Incident Energy (eV) 28-Ni-58

MAT 2825 (n, remainder) 28-Ni-58  
 Cross Section -8.131 To 13.36 %

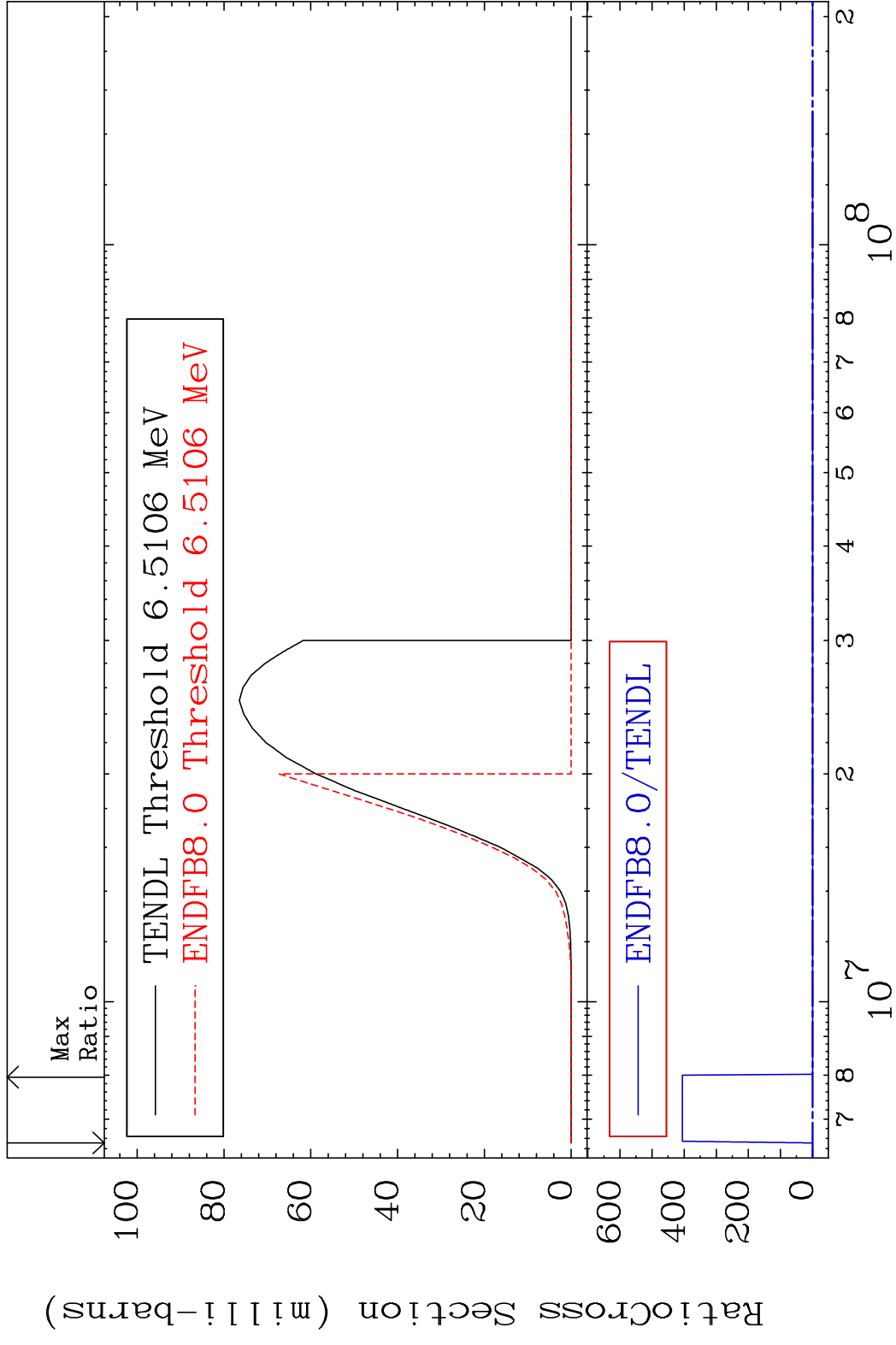


4 Incident Energy (eV) 28-Ni-58

MAT 2825 (n,2n) 28-Ni-58  
 Cross Section -100.0 To 6.314 %

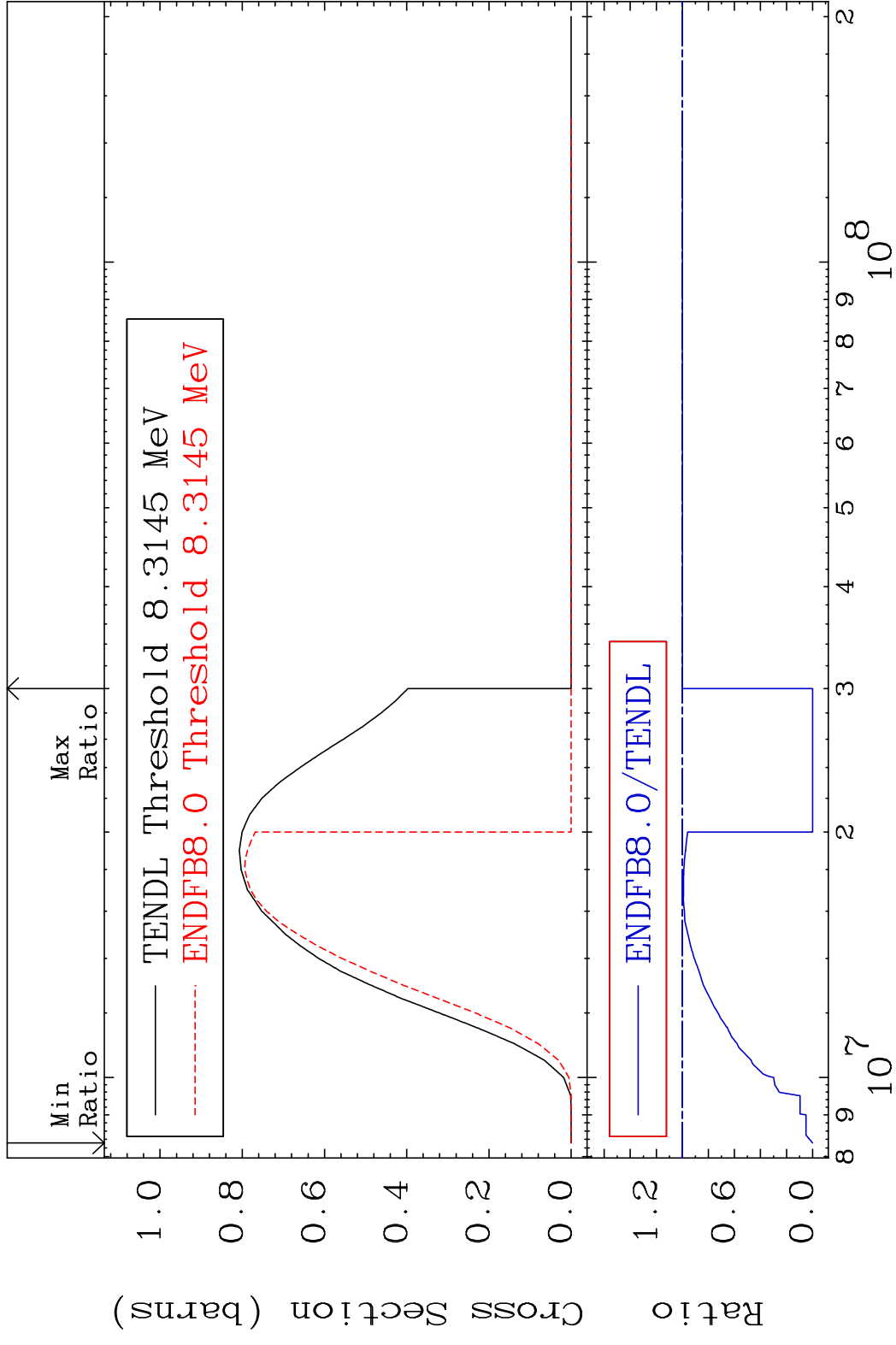


MAT 2825 (n, n')  $\alpha$  28-Ni-58  
 Cross Section -100.0 To 9999. %



6 Incident Energy (eV) 28-Ni-58

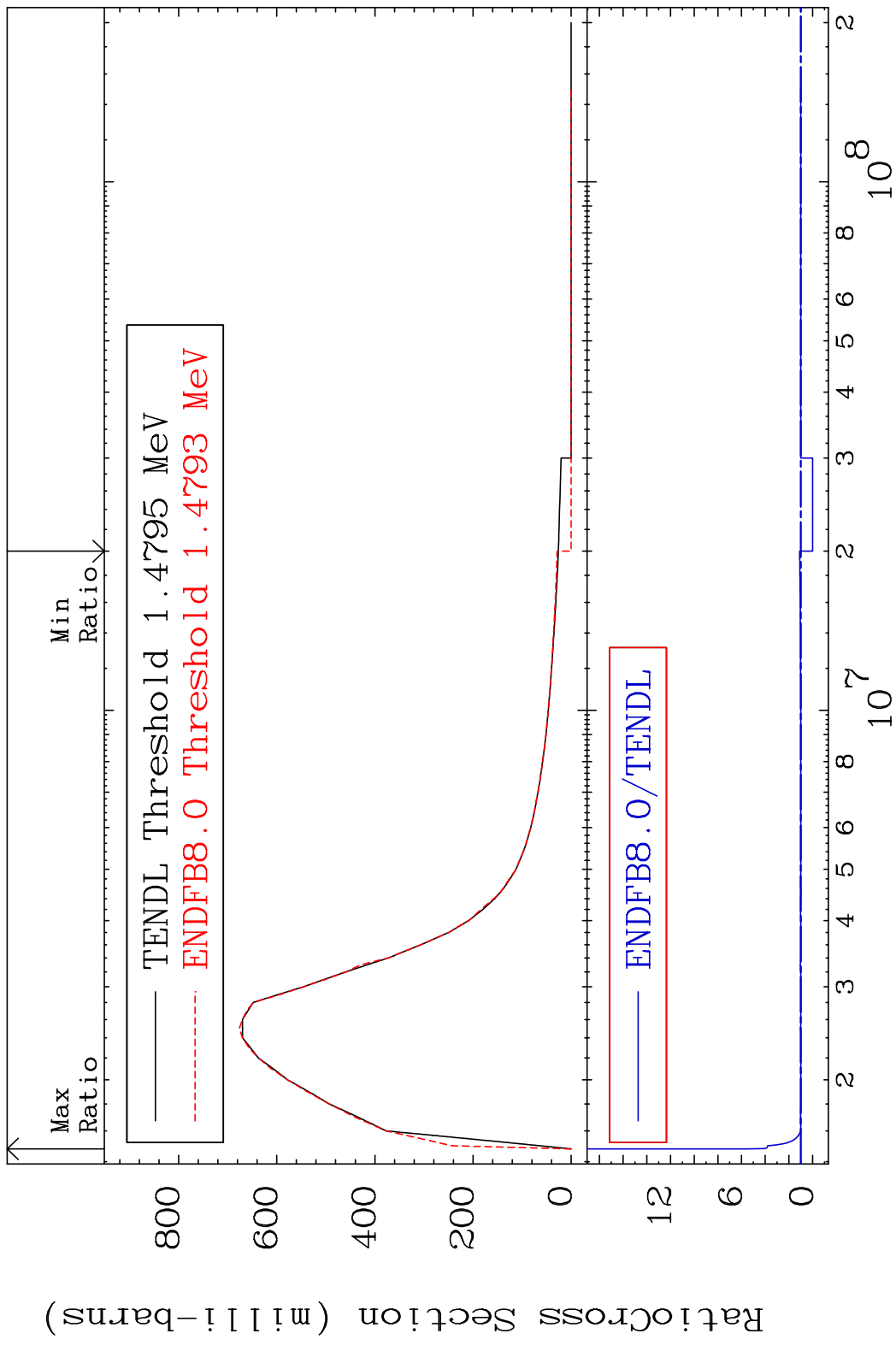
MAT 2825 (n, n') p 28-Ni-58  
 Cross Section -100.0 To 0.000 %



7 Incident Energy (eV) 28-Ni-58

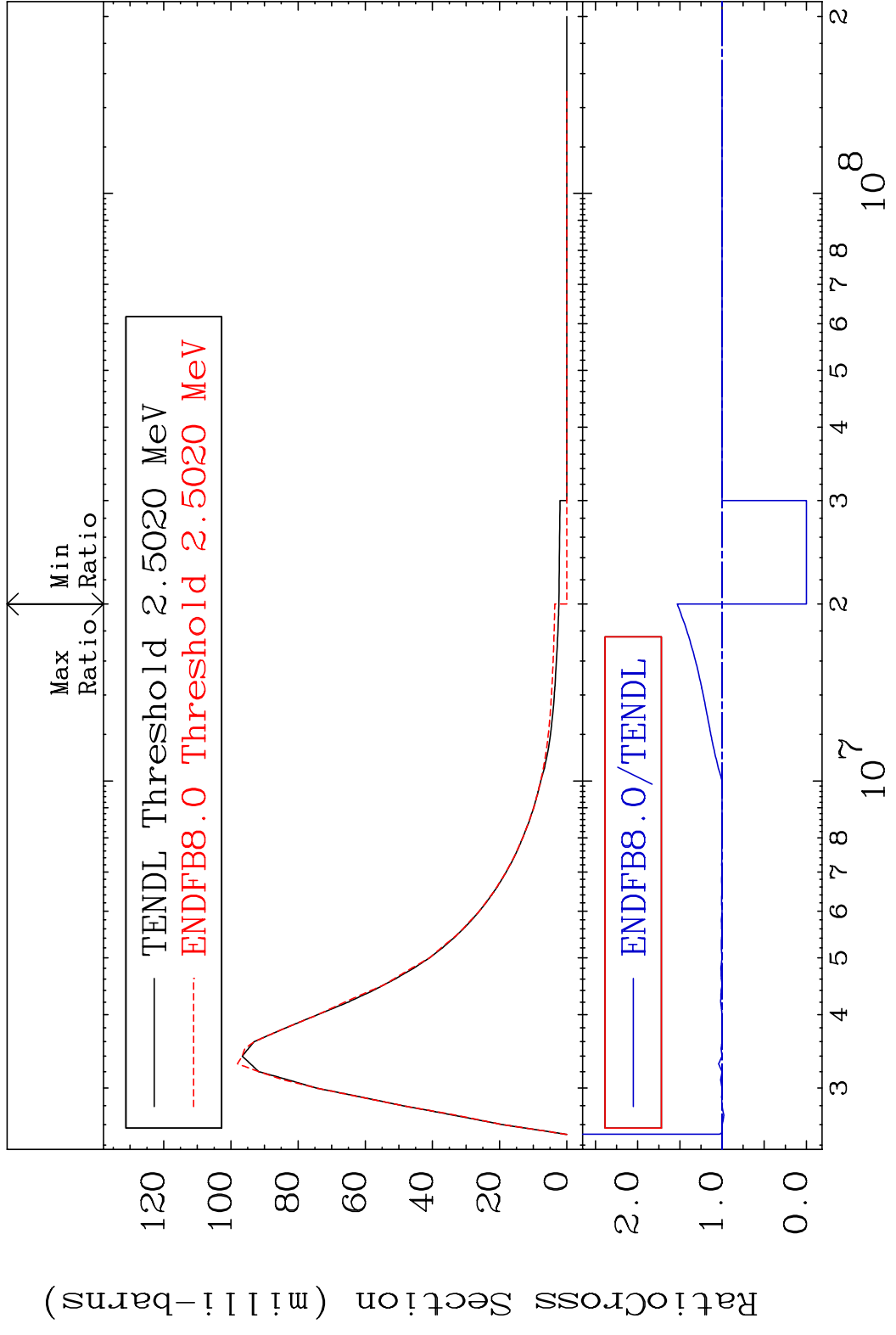


MAT 2825 MT= 51 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 1000.0%

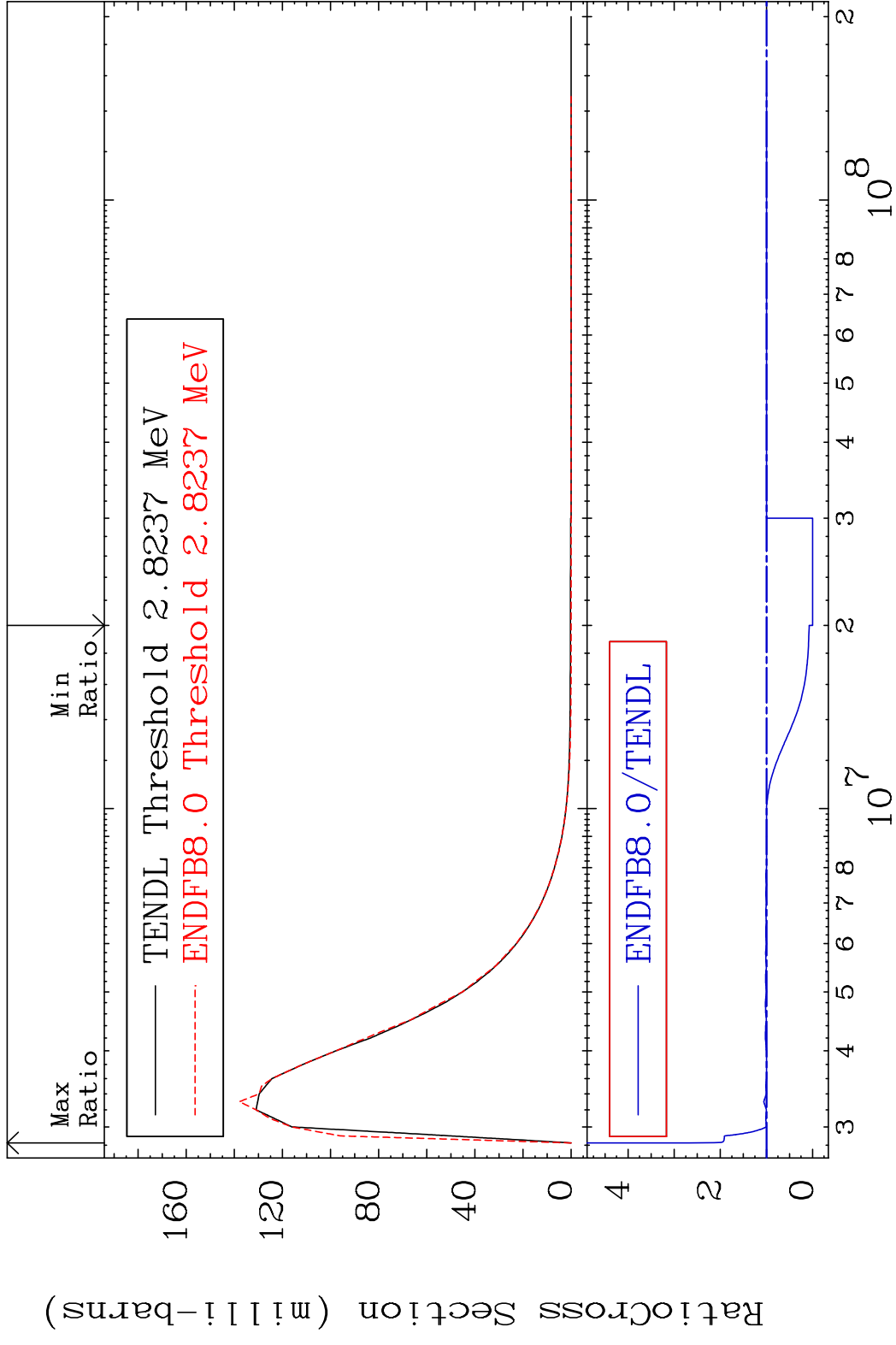


8 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 52 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 53.20 %

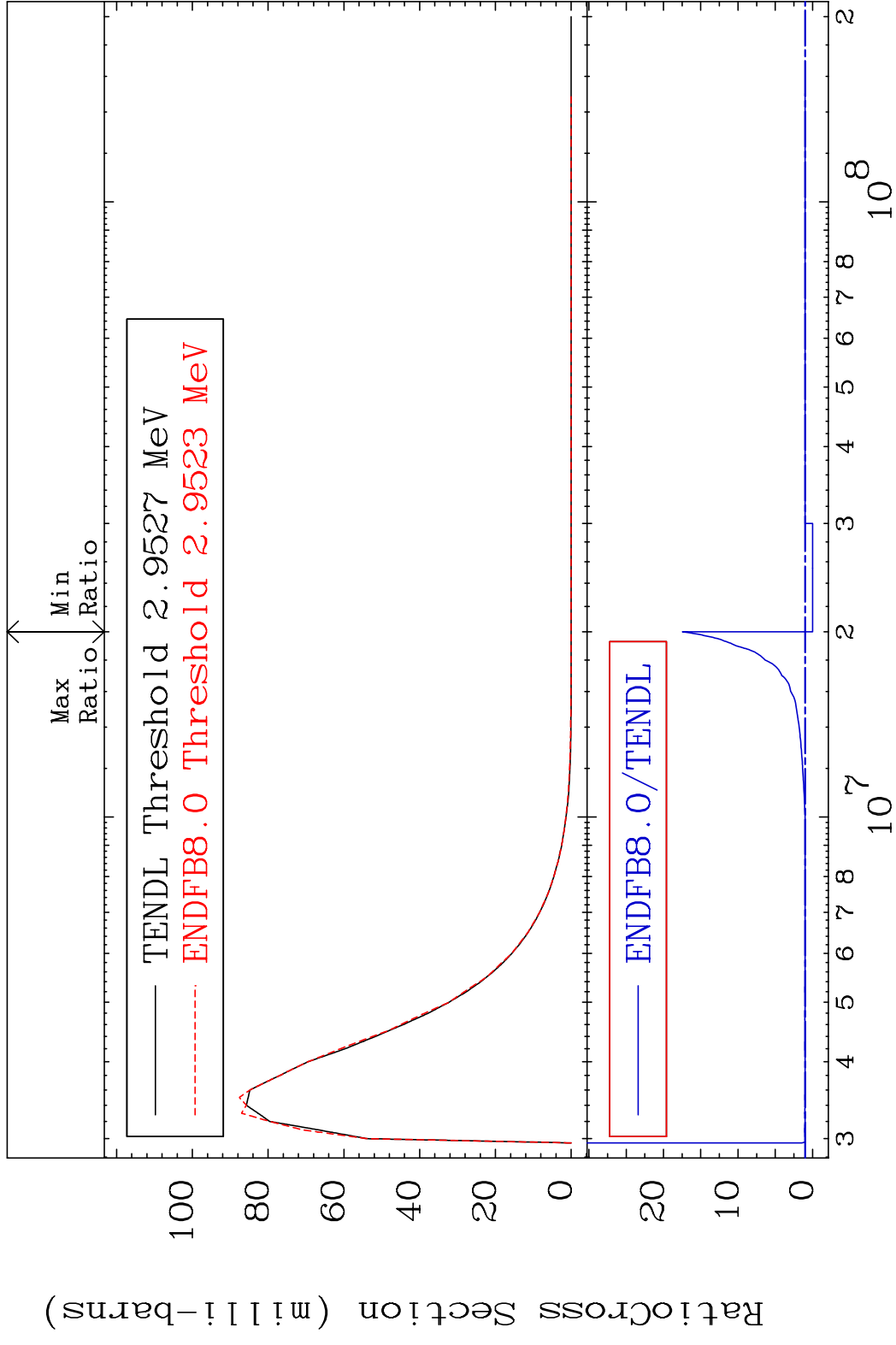


MAT 2825 MT= 53 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 182.3 %

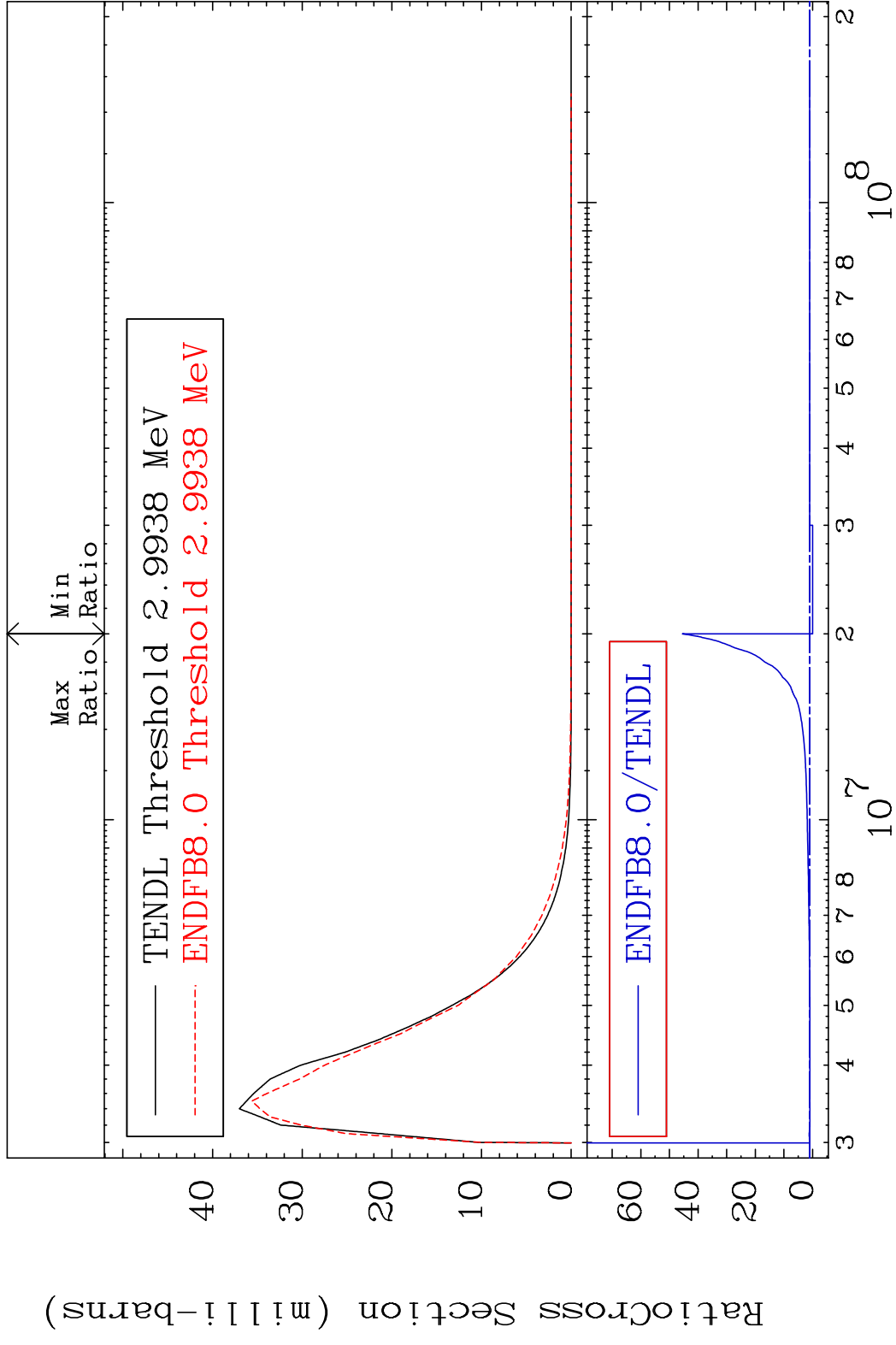


10 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 54 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 1646. %

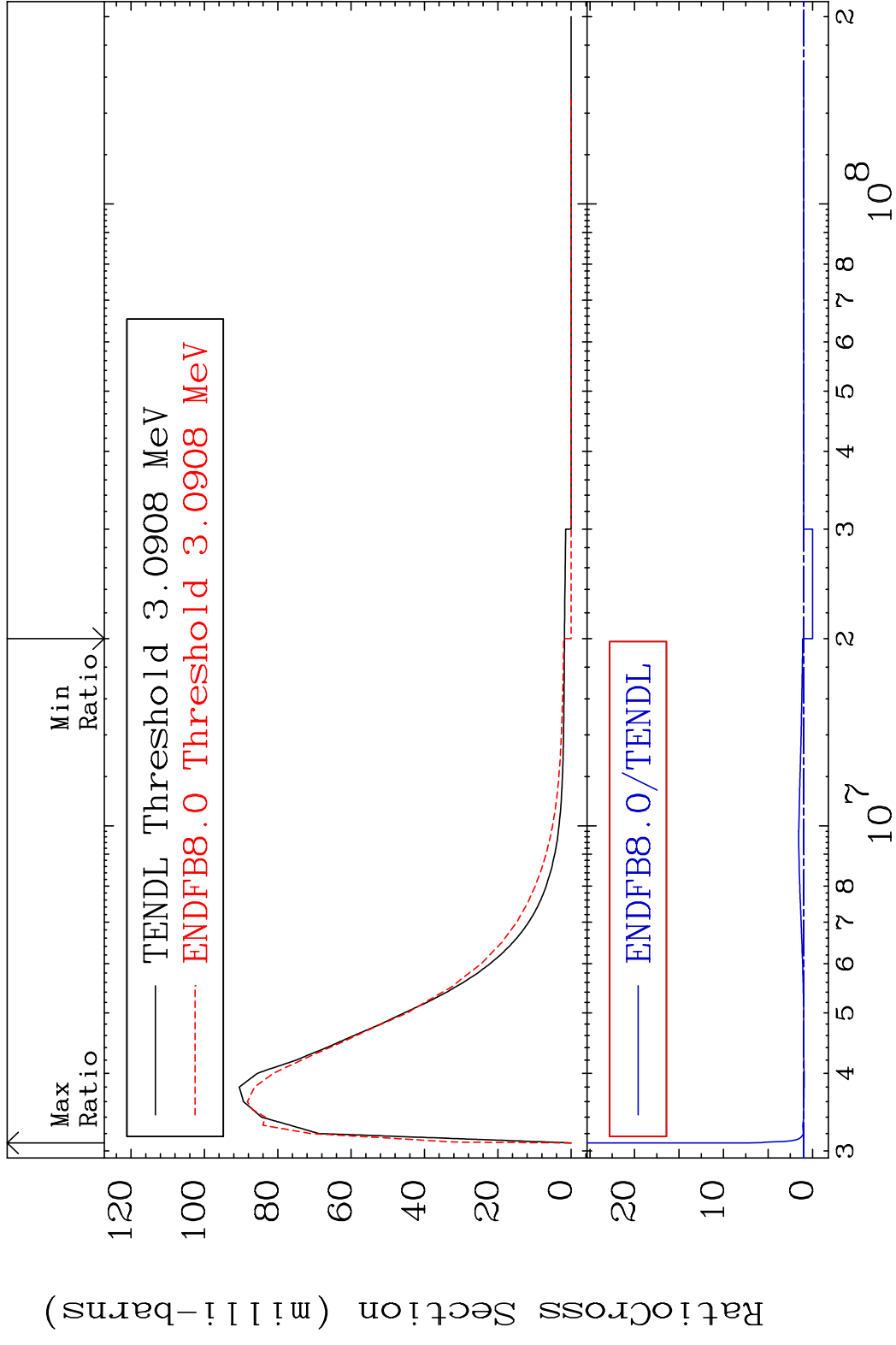


MAT 2825 MT= 55 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 4448. %

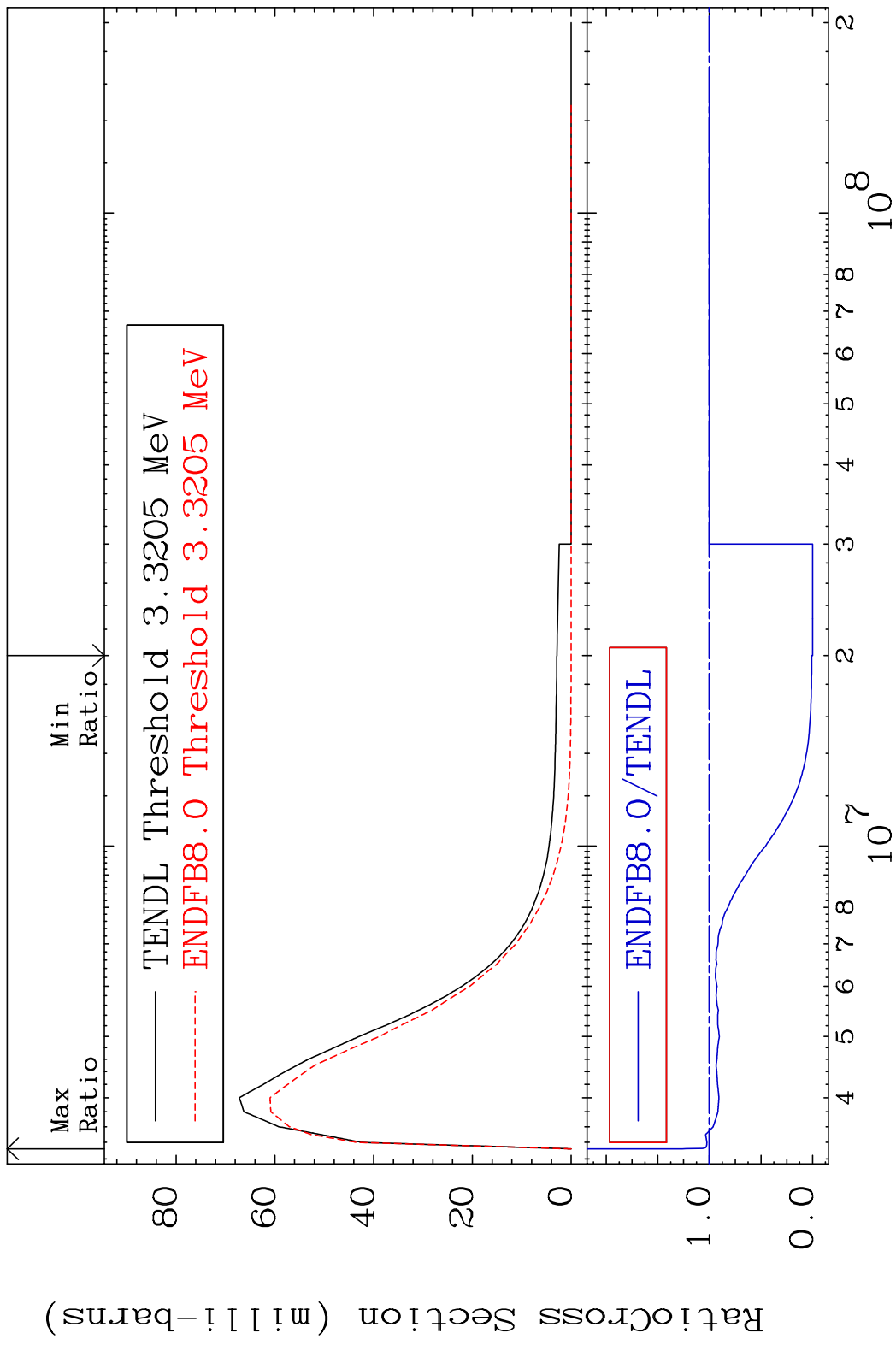


12 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 56 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 1362. %

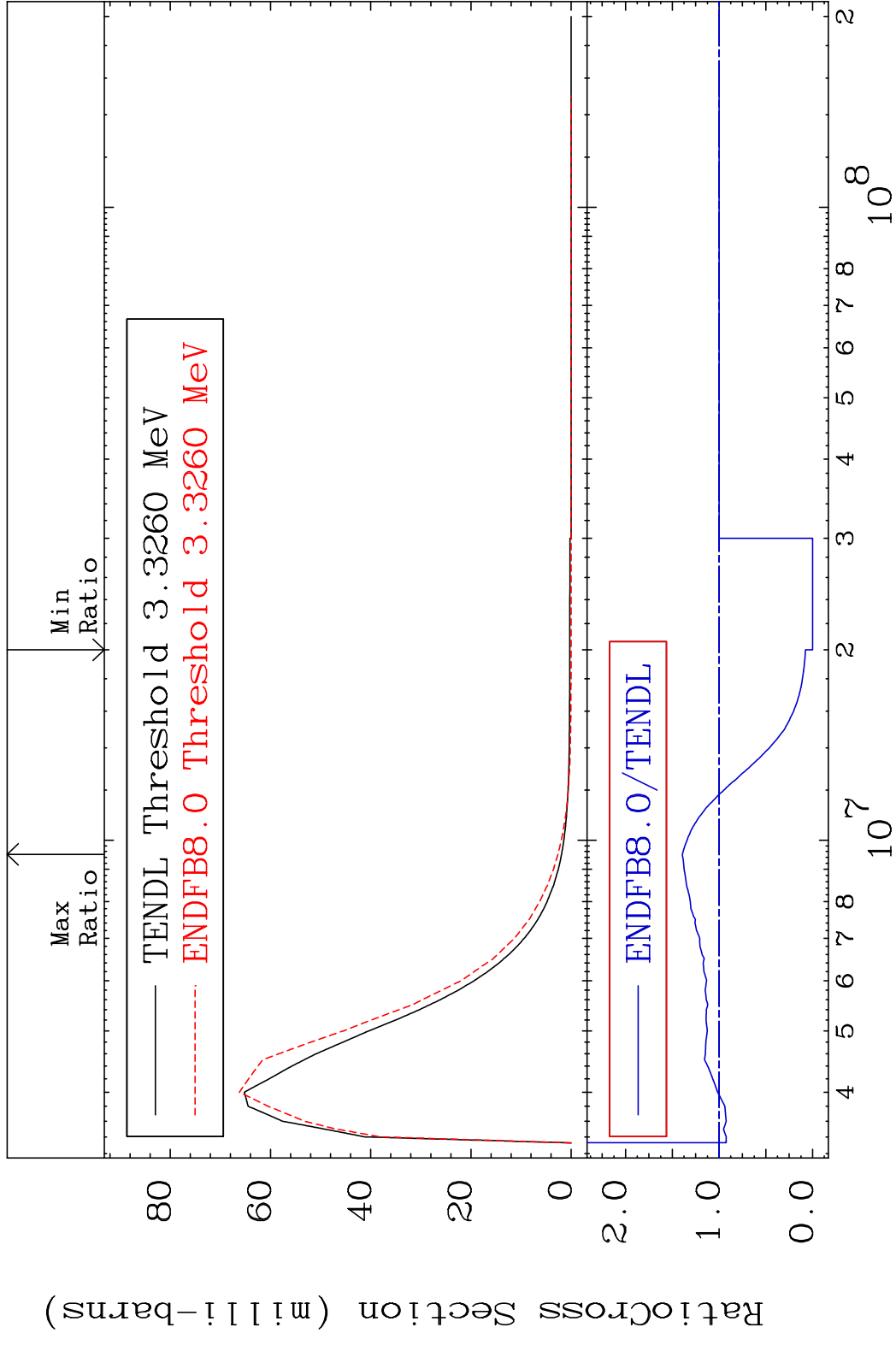


MAT 2825 MT= 57 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 26.22 %



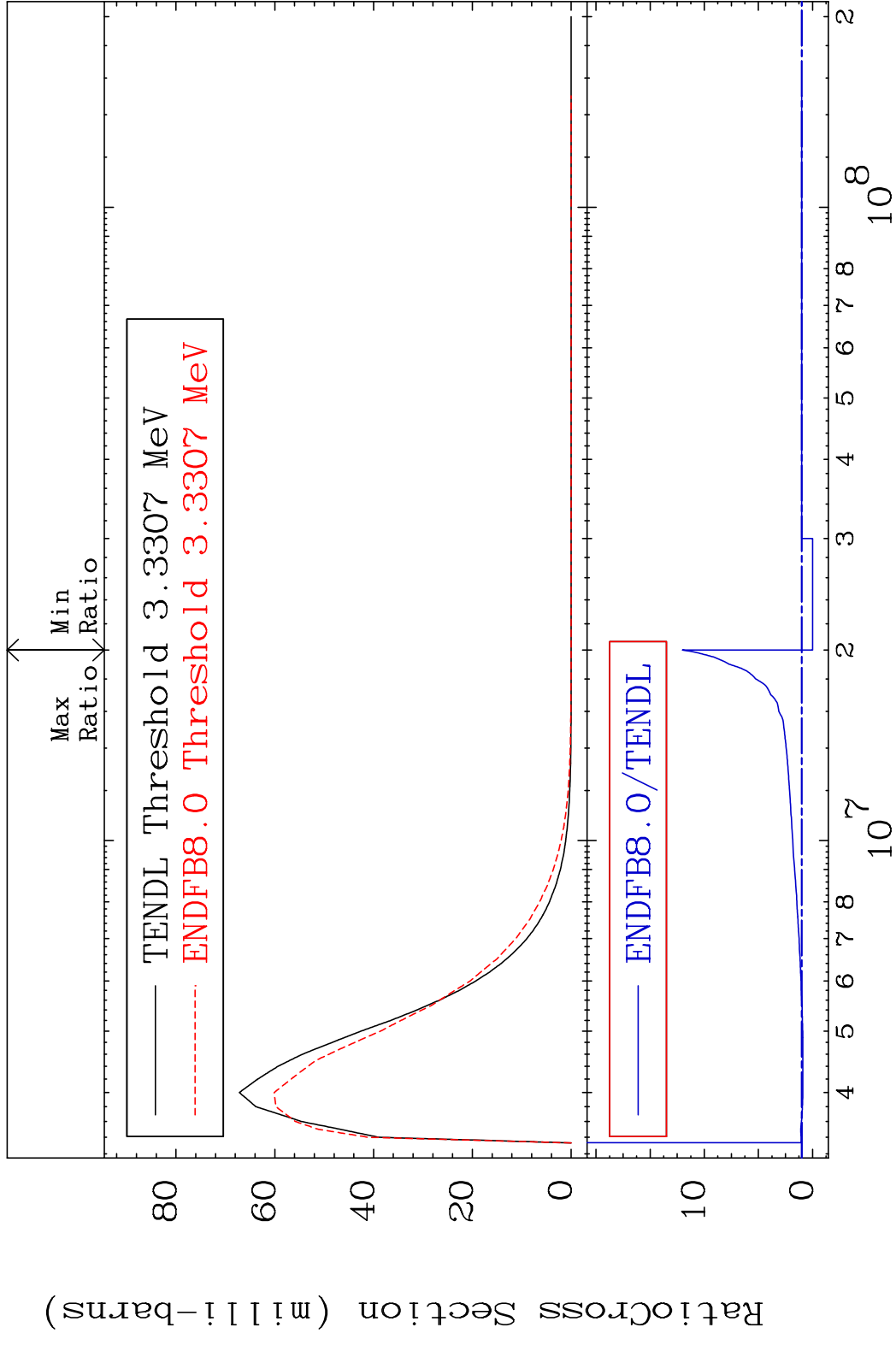
14 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 58 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 39.27 %

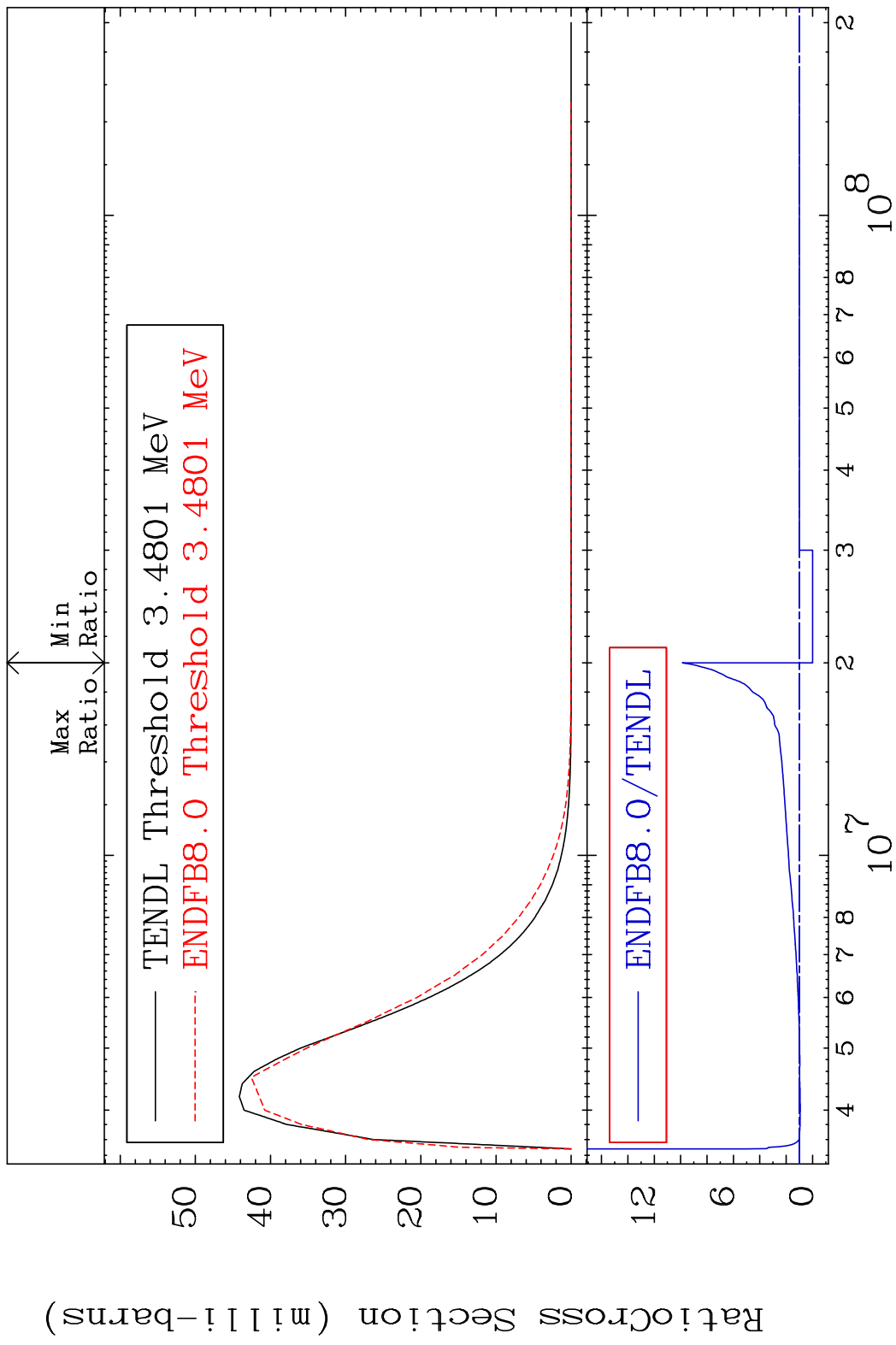




MAT 2825 MT= 59 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 1103. %

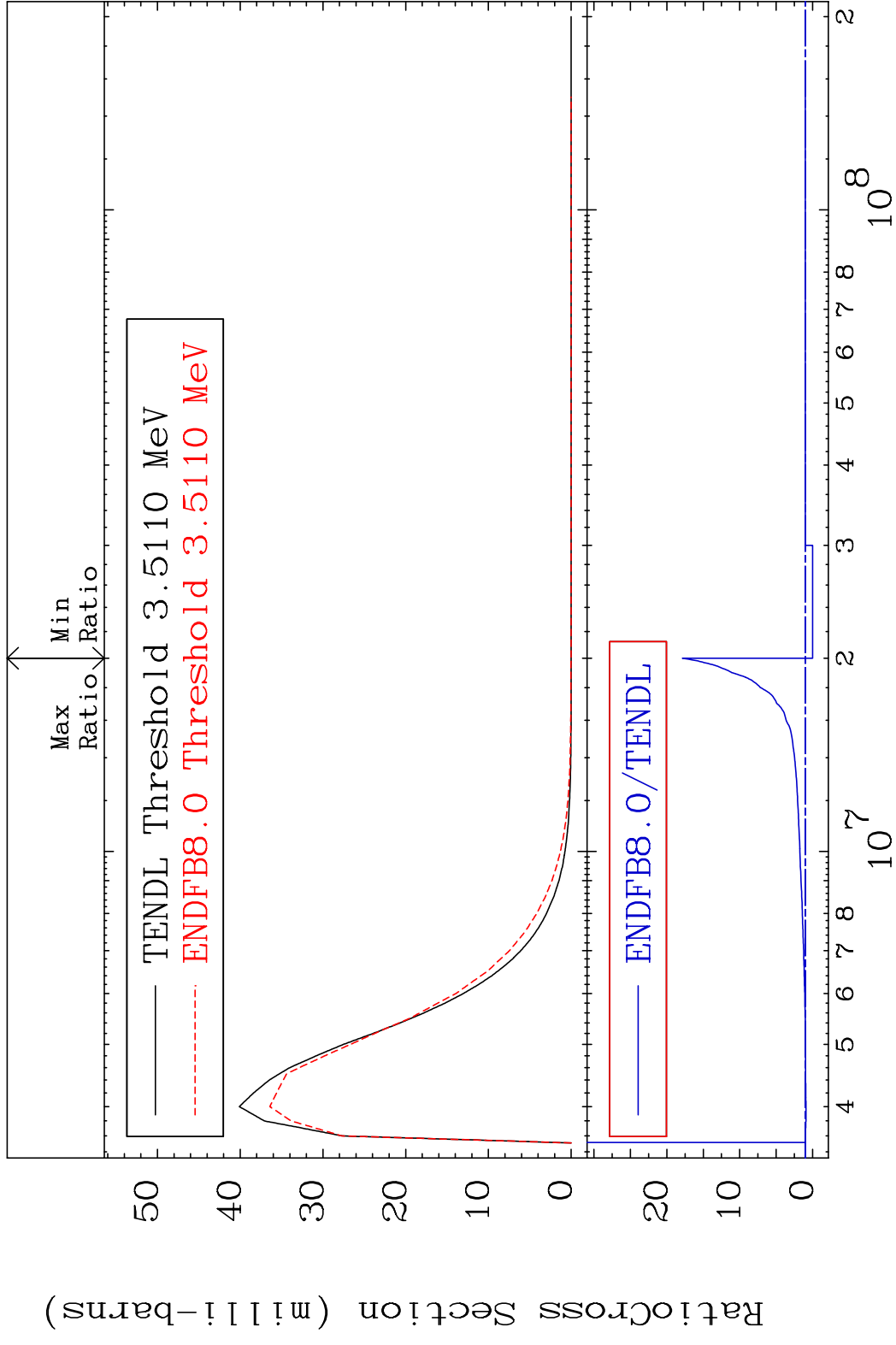


MAT 2825 MT= 60 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 886.9 %

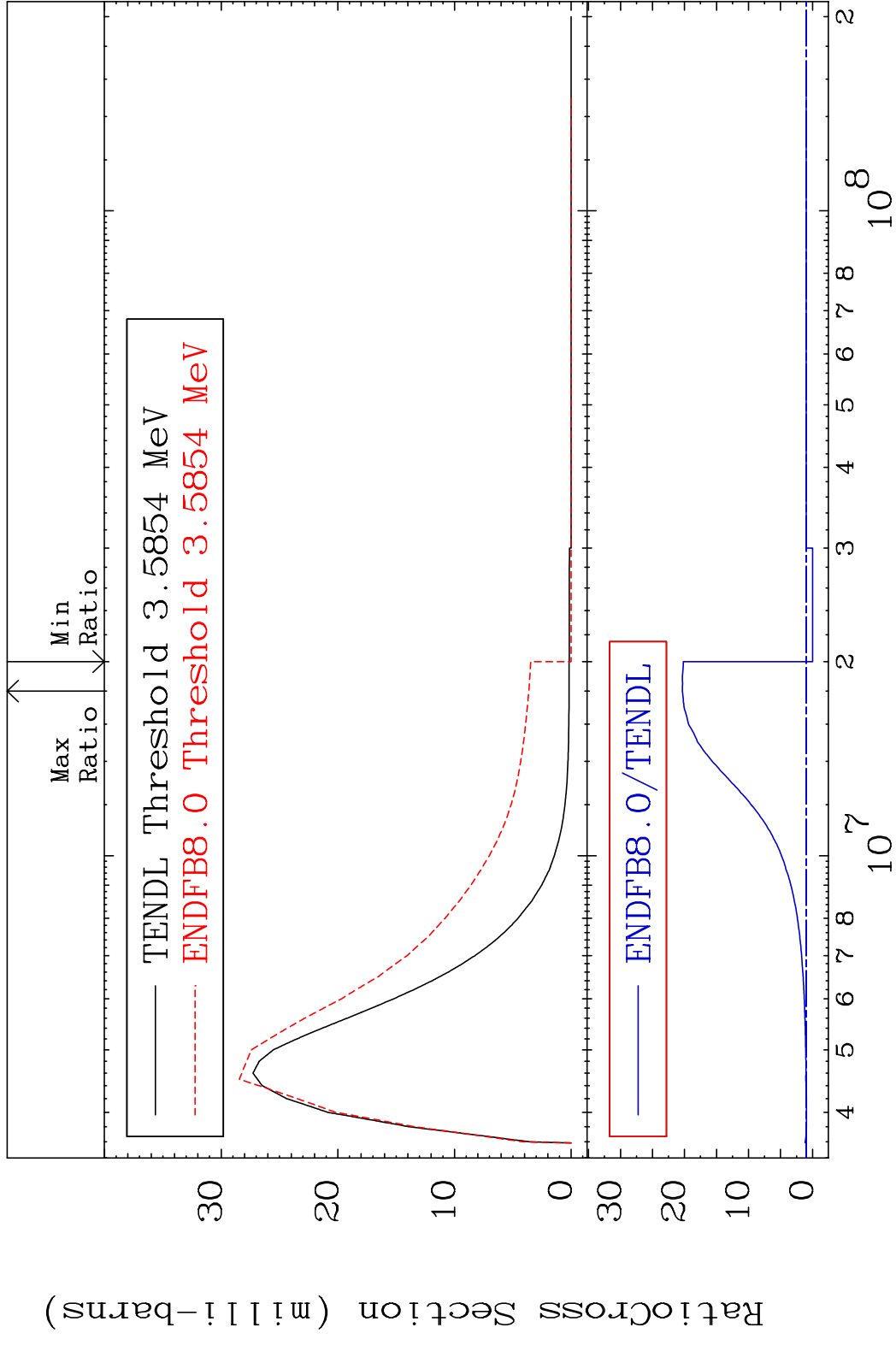


17 28-Ni-58

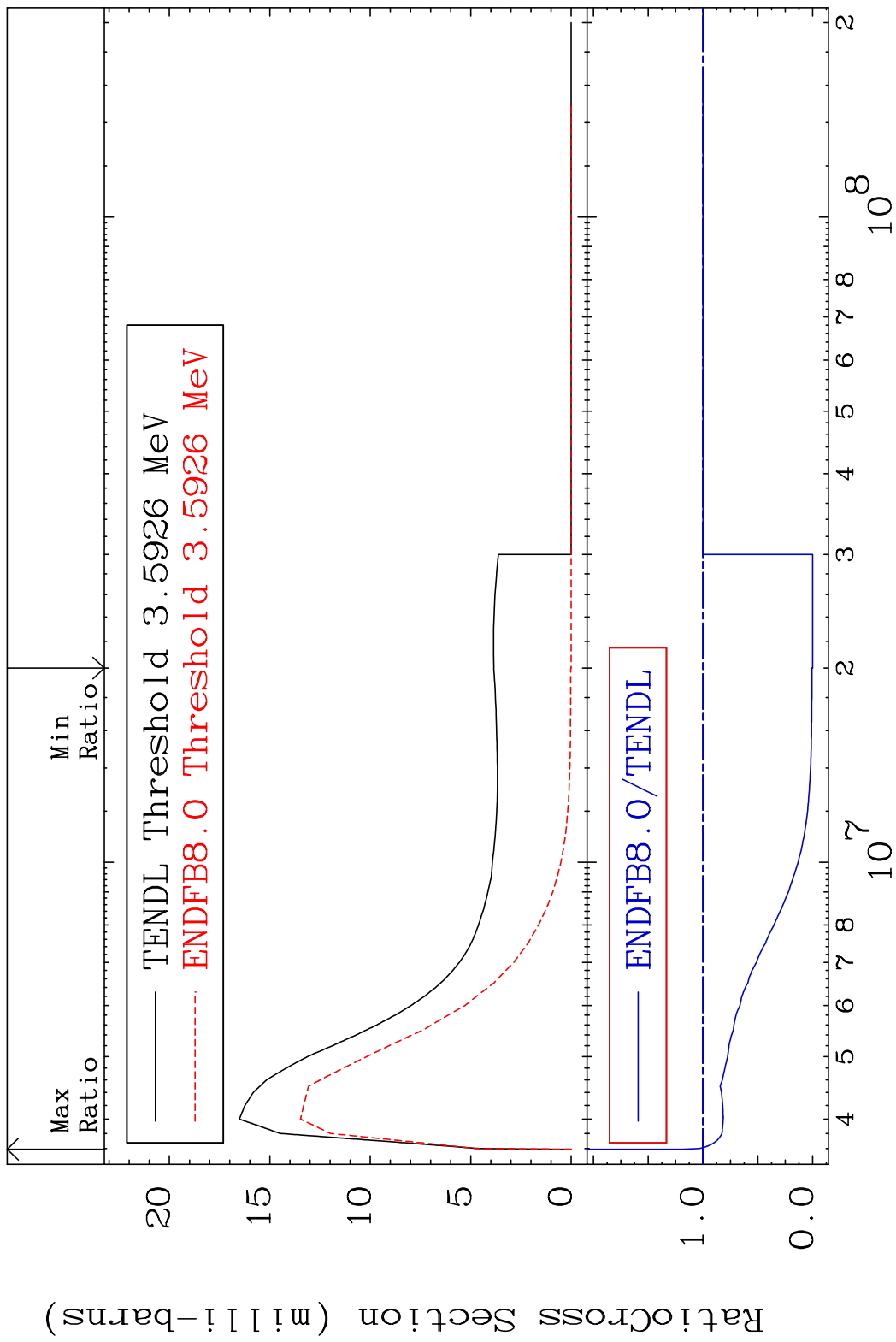
MAT 2825 MT= 61 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 1687. %



MAT 2825 MT= 62 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 1934. %

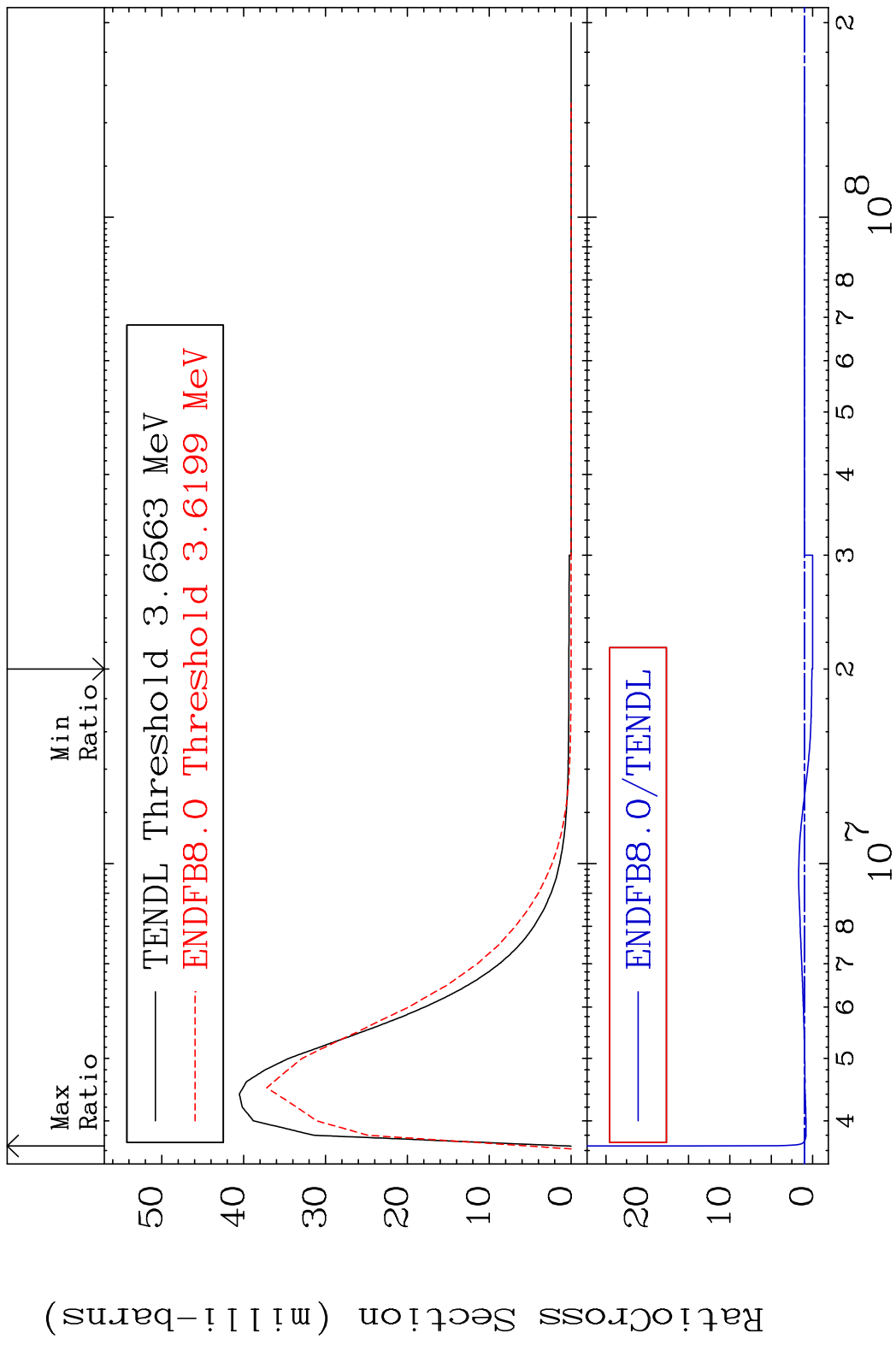


MAT 2825 MT= 63 (n, n') Level 28-Ni-58  
 Cross Section -100.0 To 18.86 %

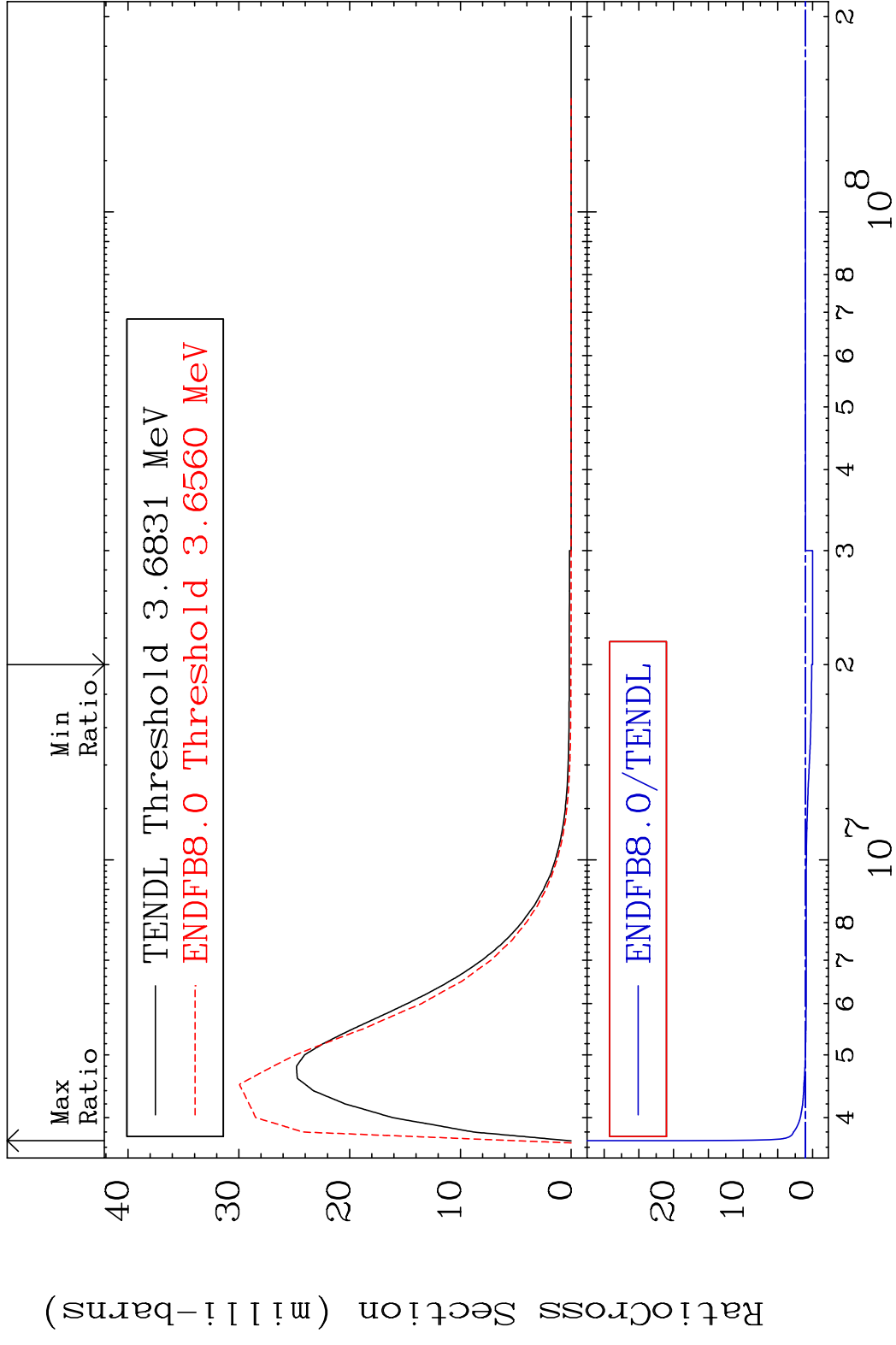


20 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 64 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 1475. %

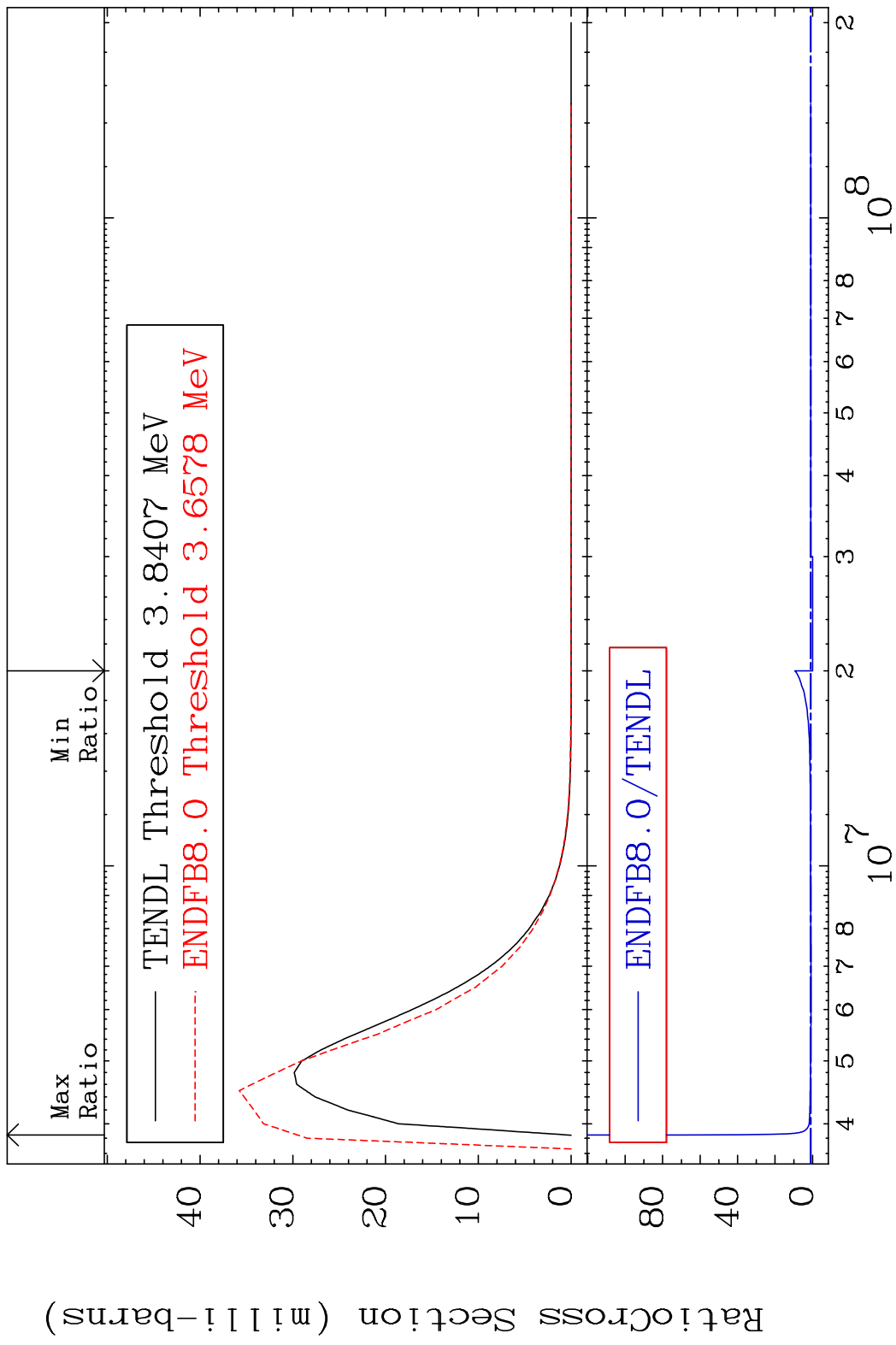


MAT 2825 MT= 65 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 1774. %



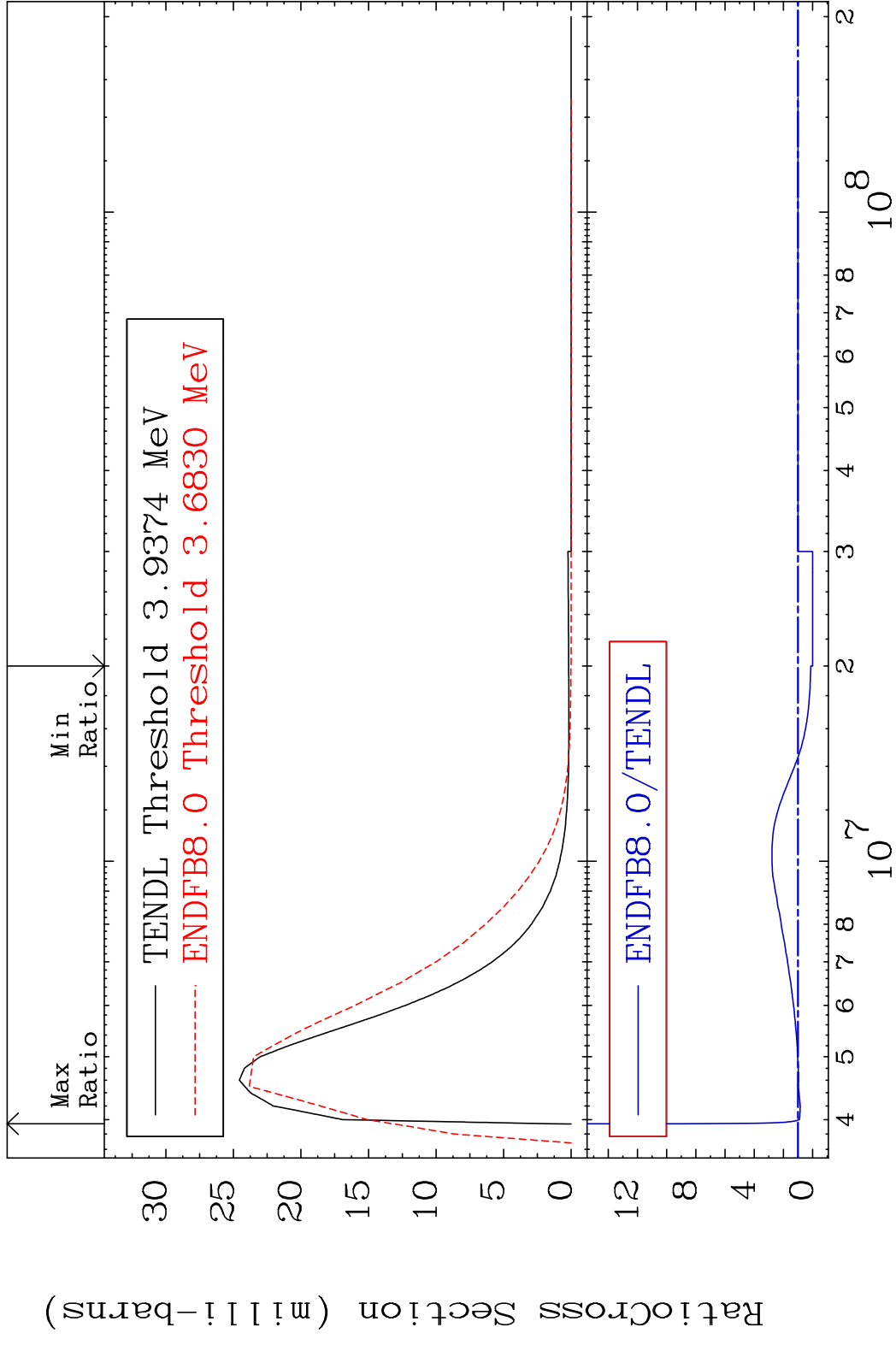
22 Incident Energy (eV) 28-Ni-58

MAT 2825 MT= 66 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 6848. %

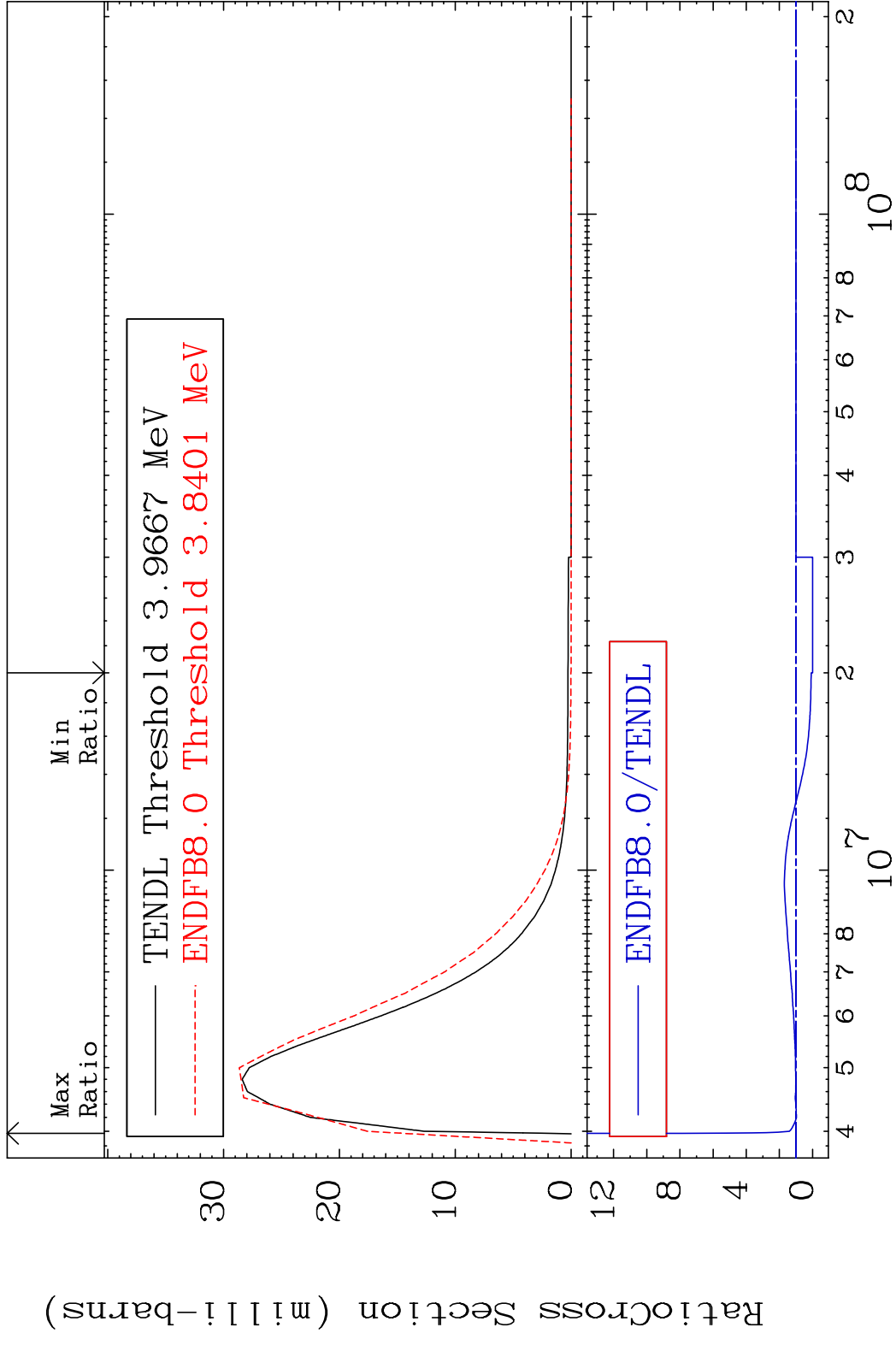




MAT 2825 MT= 67 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 792.5 %

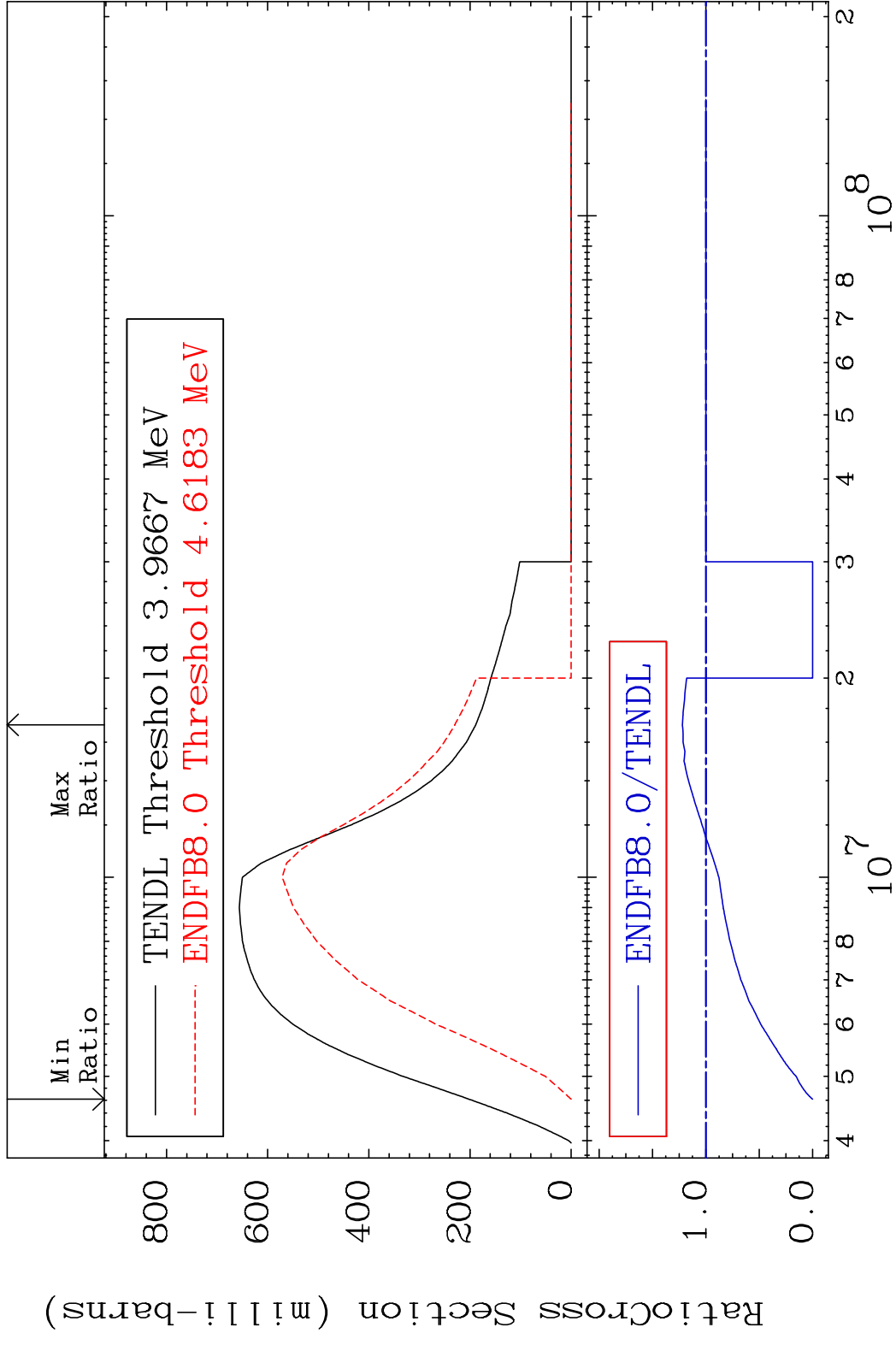


MAT 2825 MT= 68 (n,n') Level 28-Ni-58  
 Cross Section -100.0 To 685.3 %



25 28-Ni-58

MAT 2825 (n,n') Continuum 28-Ni-58  
 Cross Section -100.0 To 22.02 %

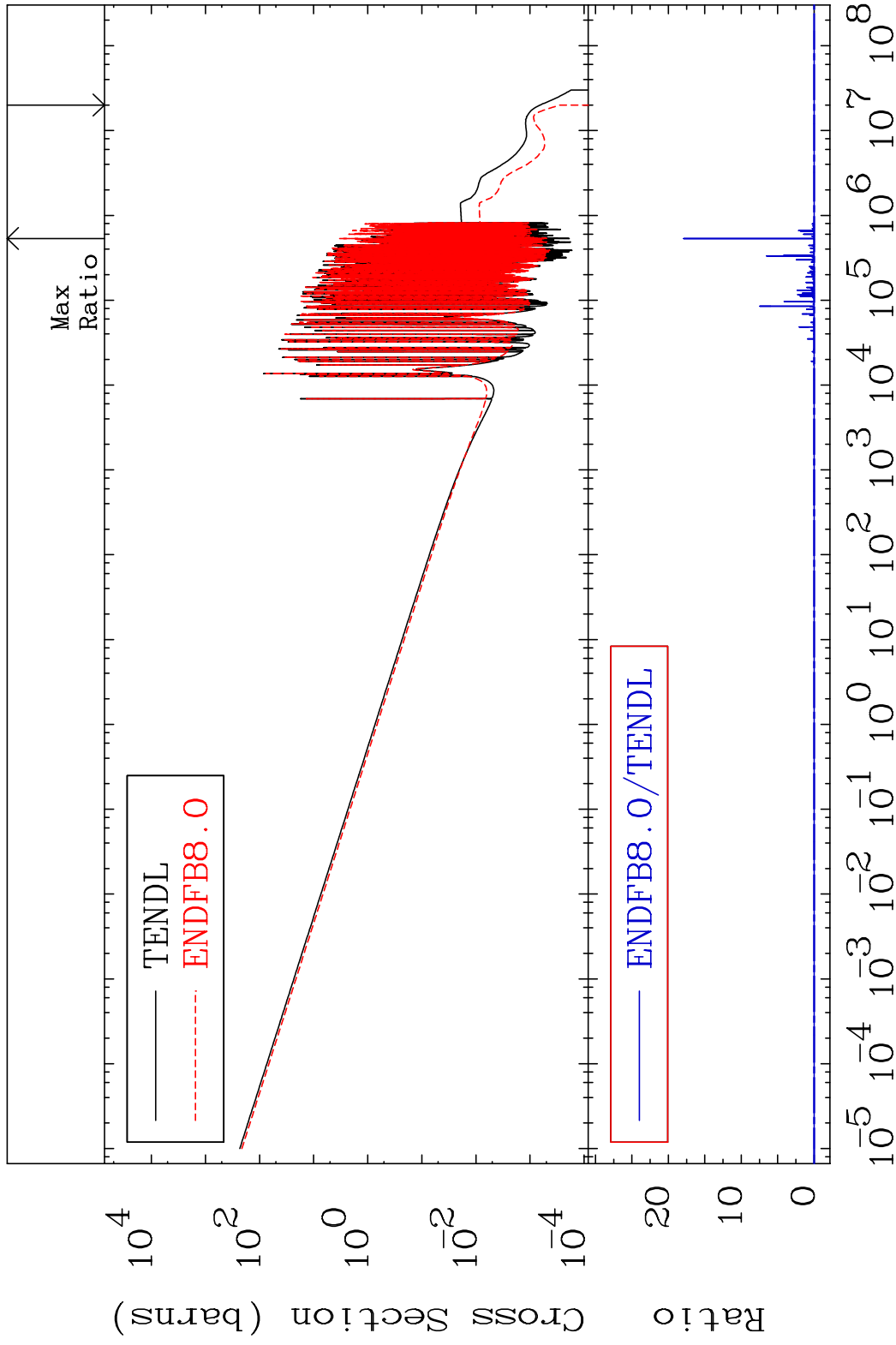


MAT 2825

(n,  $\gamma$ )

28-Ni-58

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

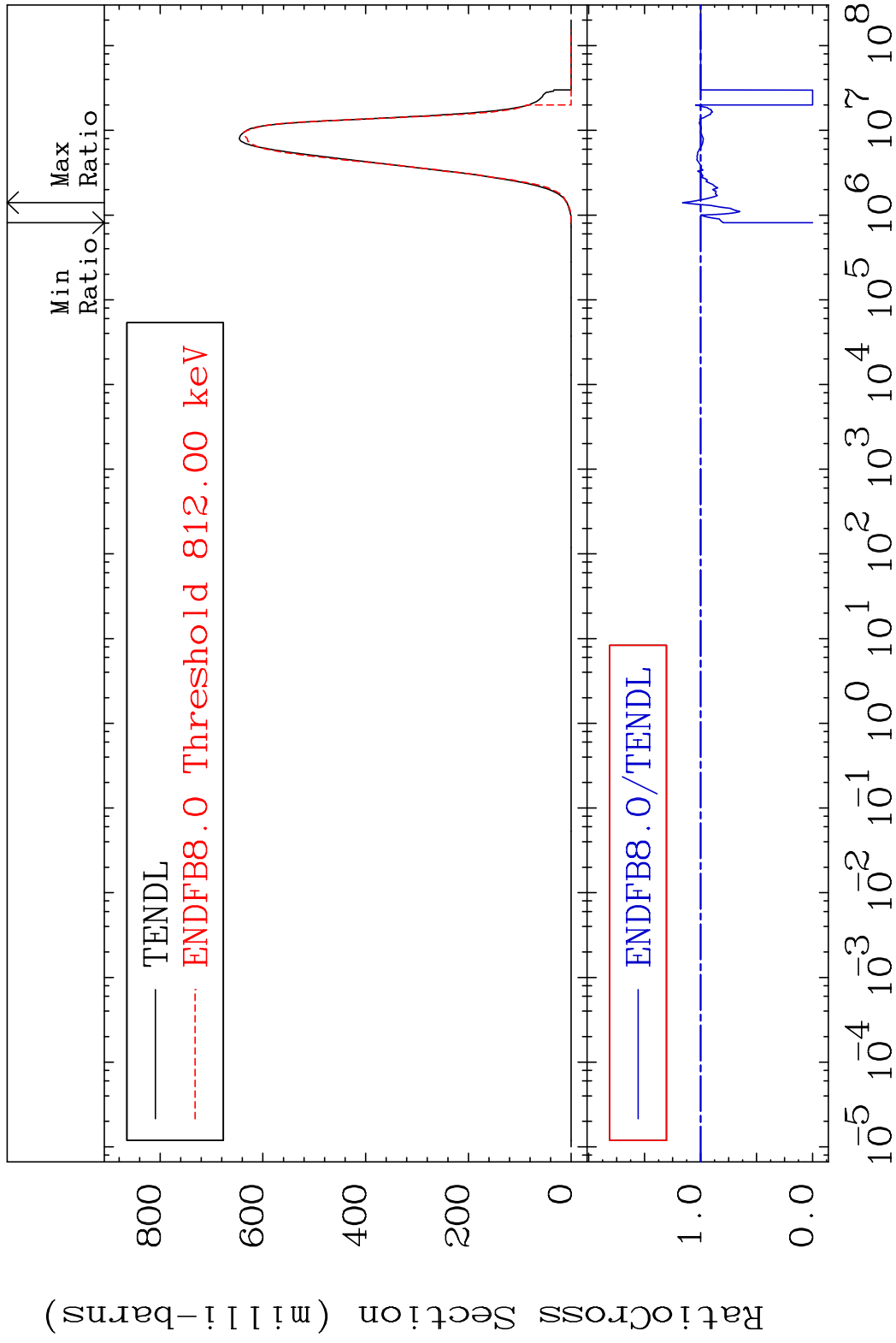
28-Ni-58

MAT 2825

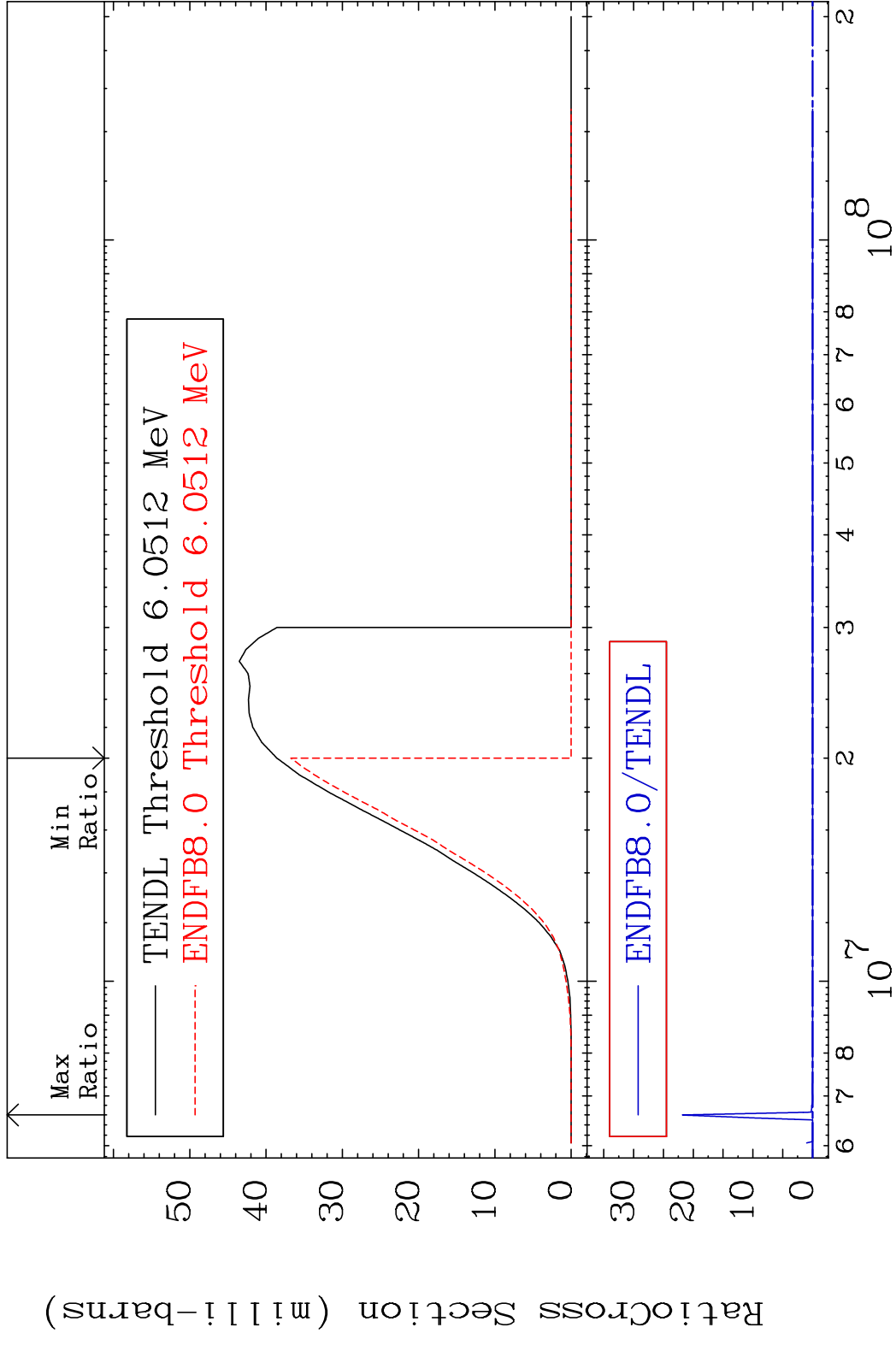
(n, p)

28-Ni-58

Cross Section -100.0 To 16.30 %

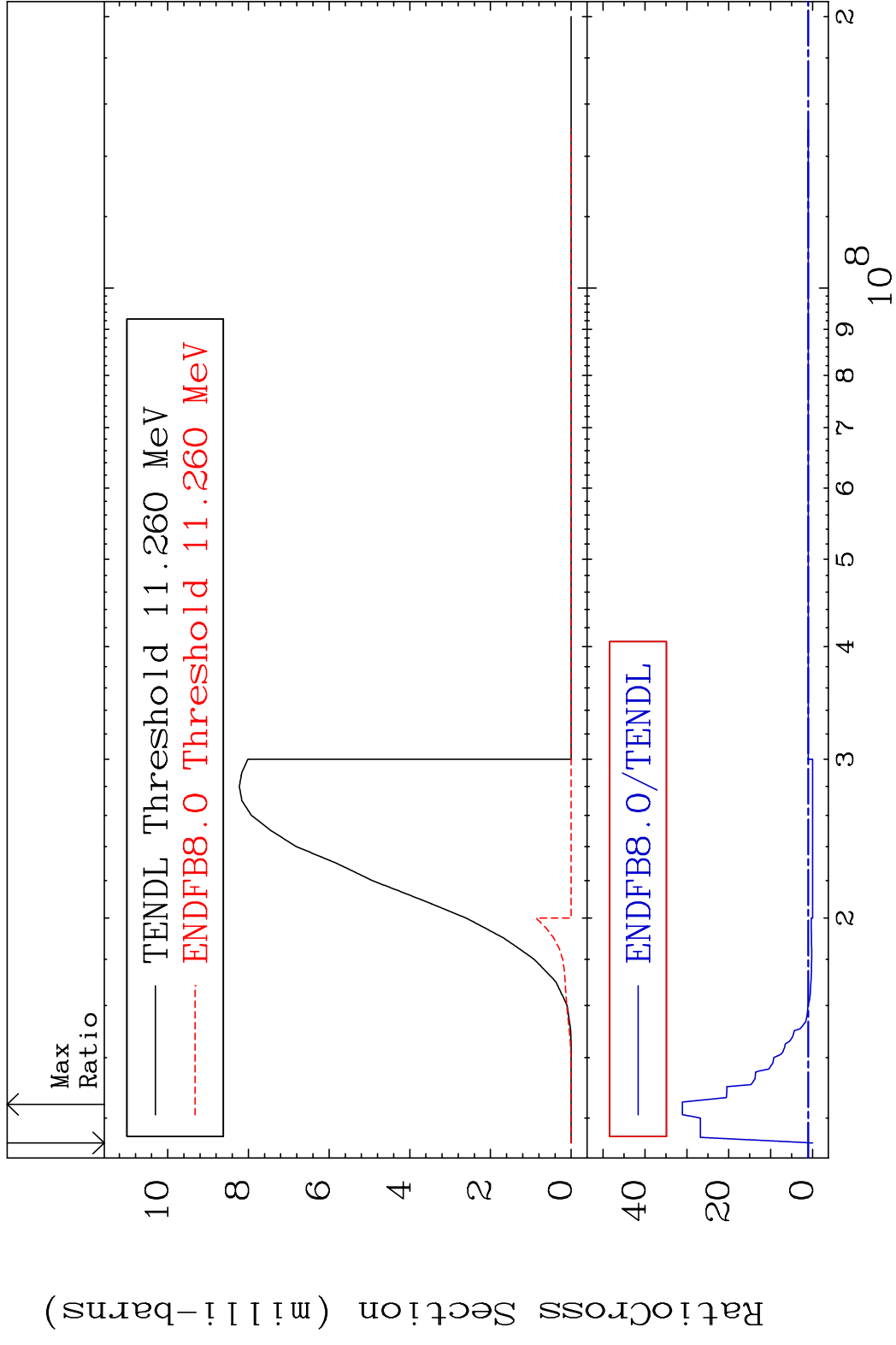


MAT 2825 (n,d) 28-Ni-58  
 Cross Section -100.0 To 9999. %



29 Incident Energy (eV) 28-Ni-58

MAT 2825 (n, t) 28-Ni-58  
 Cross Section -100.0 To 3008. %



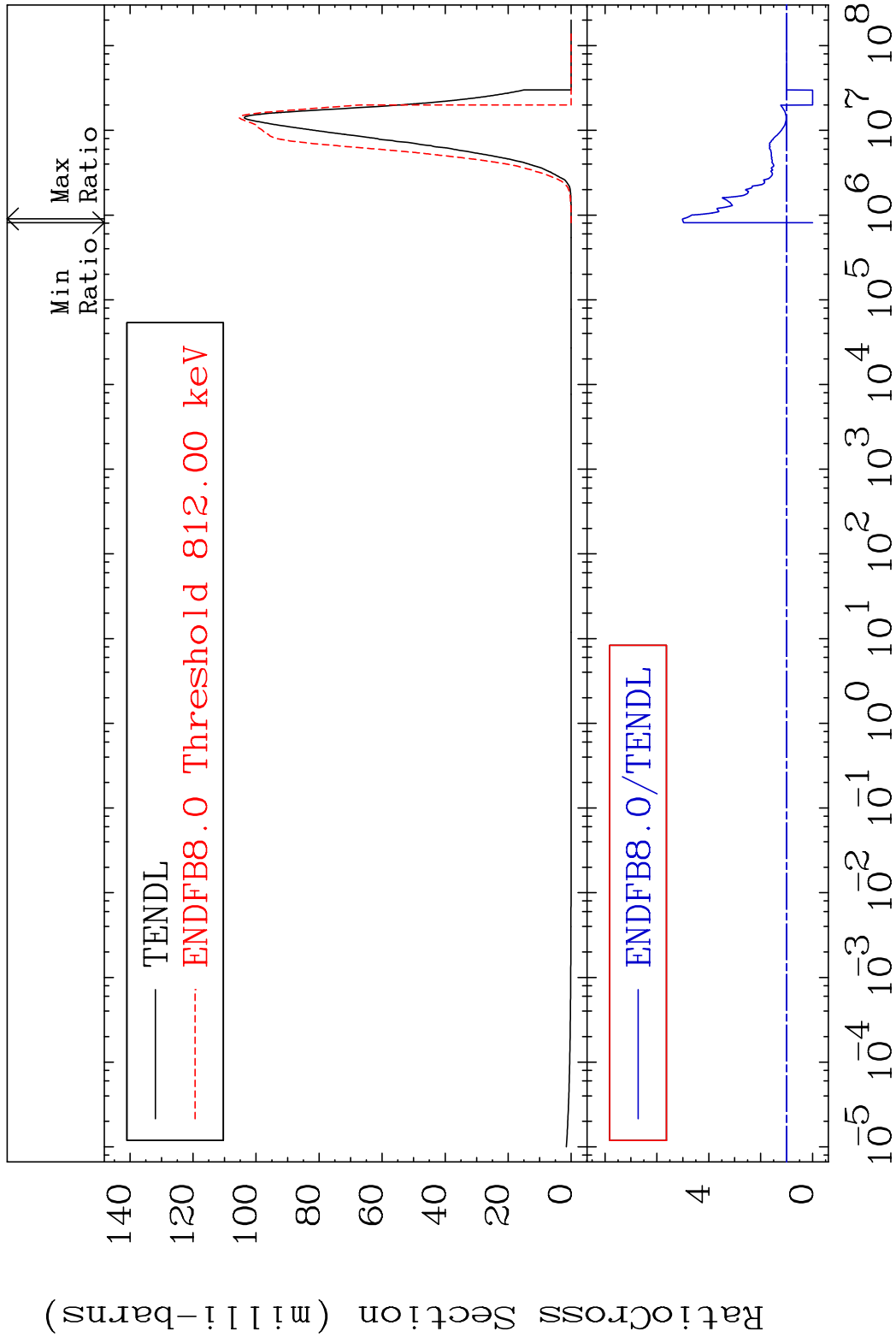
30 28-Ni-58

MAT 2825

(n,  $\alpha$ )

28-Ni-58

Cross Section -100.0 To 401.9 %



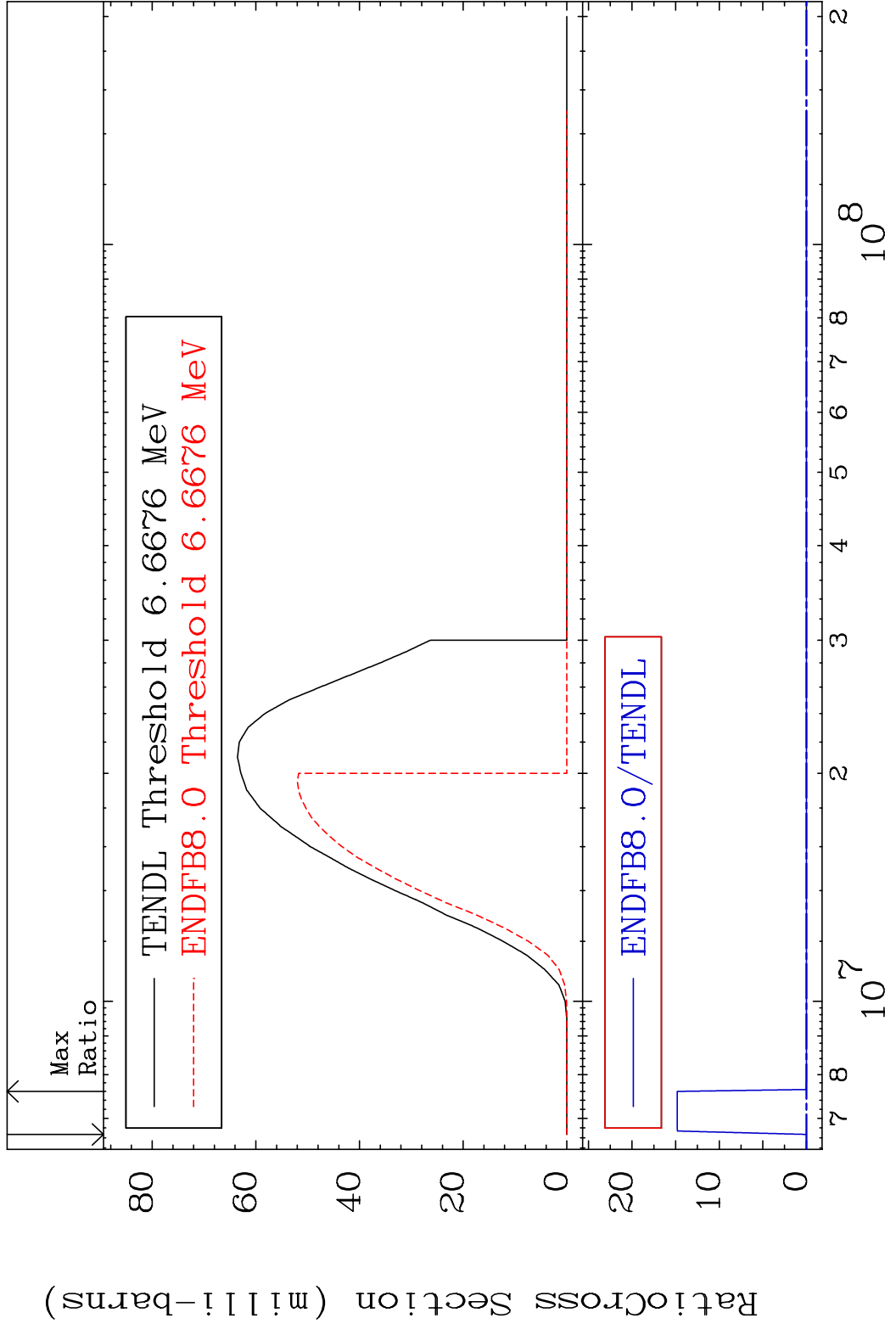
31

Incident Energy (eV)

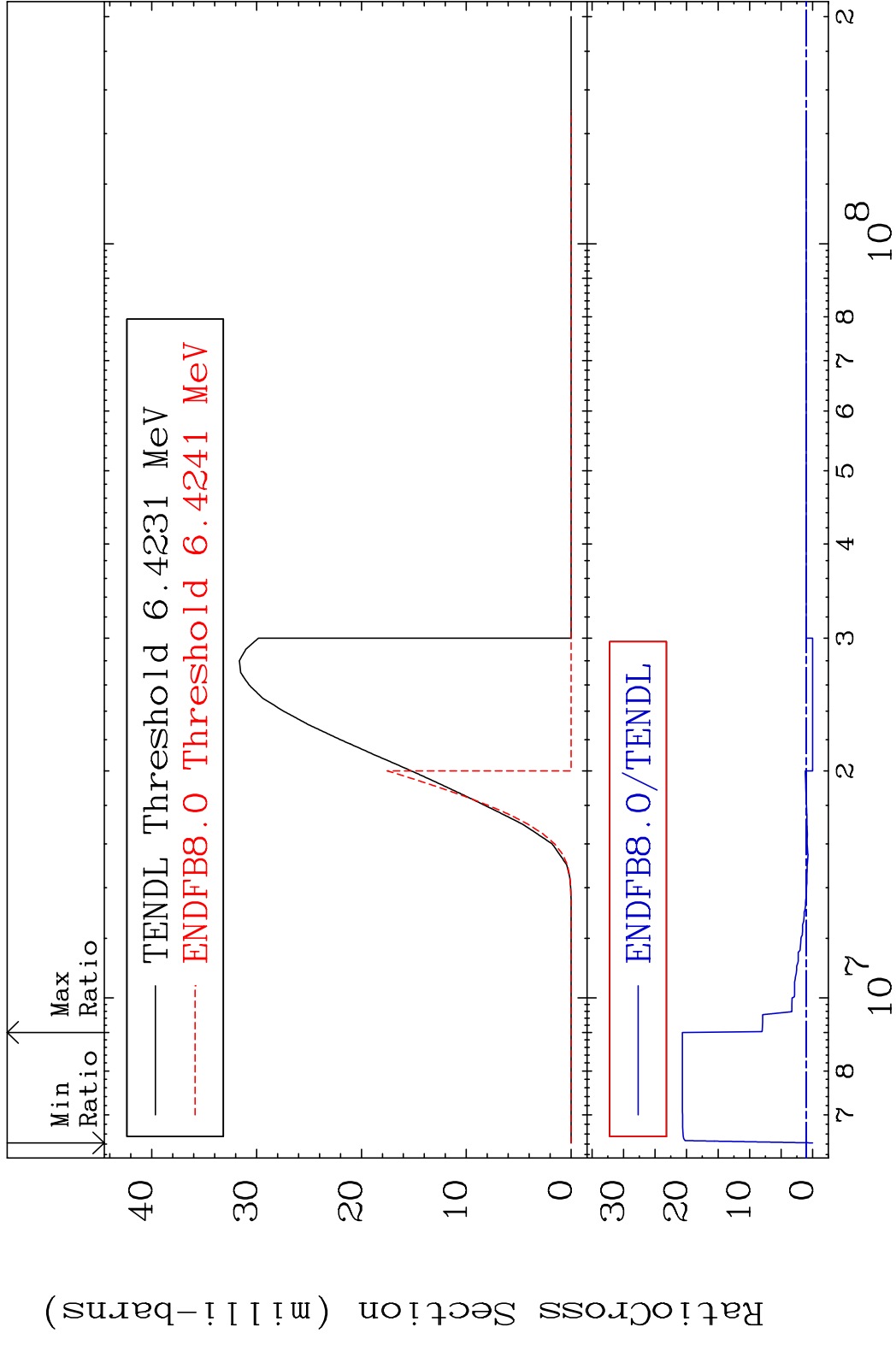
28-Ni-58



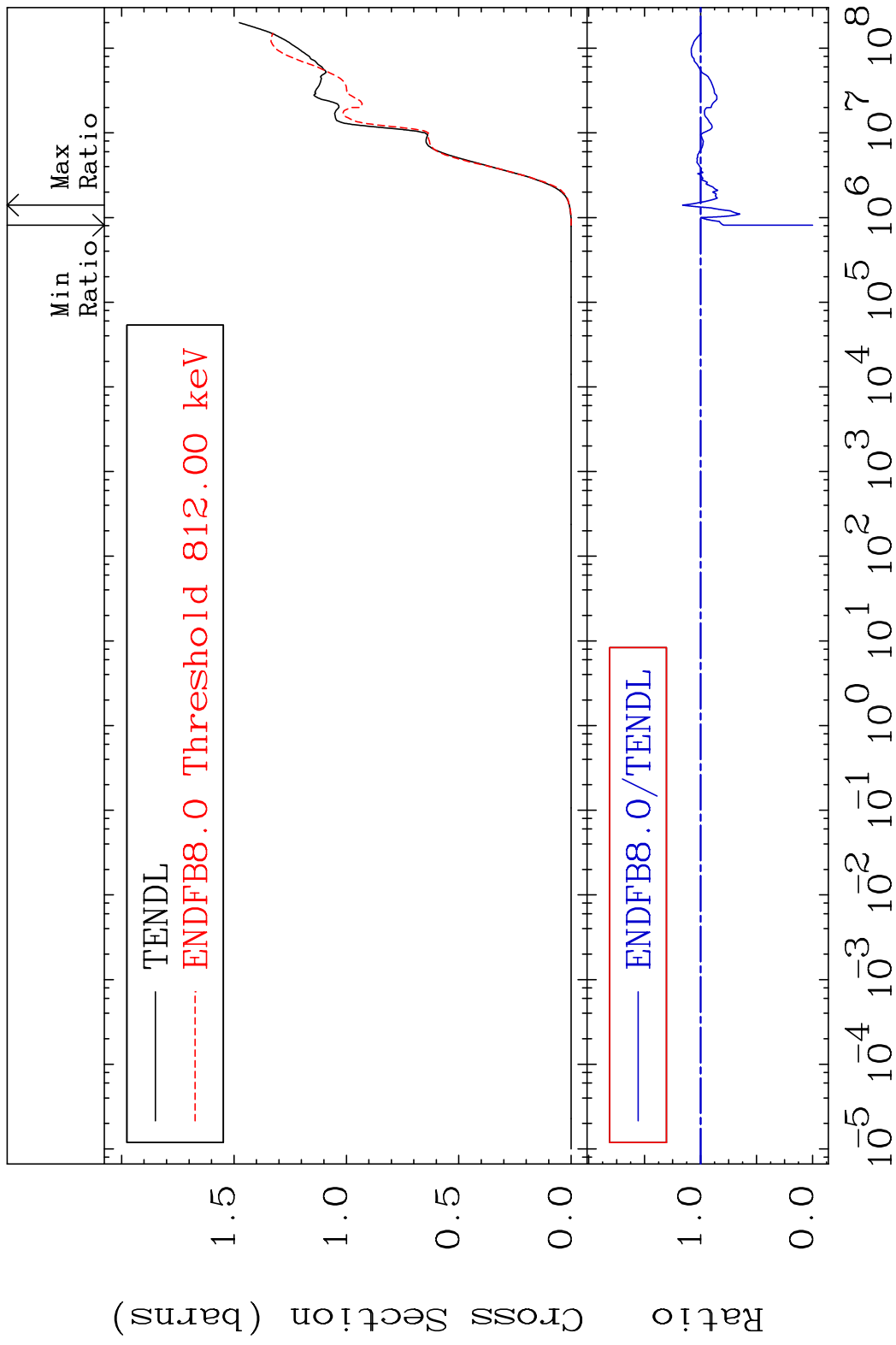
MAT 2825 (n,2p) 28-Ni-58  
 Cross Section -100.0 To 9999. %



MAT 2825 (n,p)  $\alpha$  28-Ni-58  
 Cross Section -100.0 To 1967. %

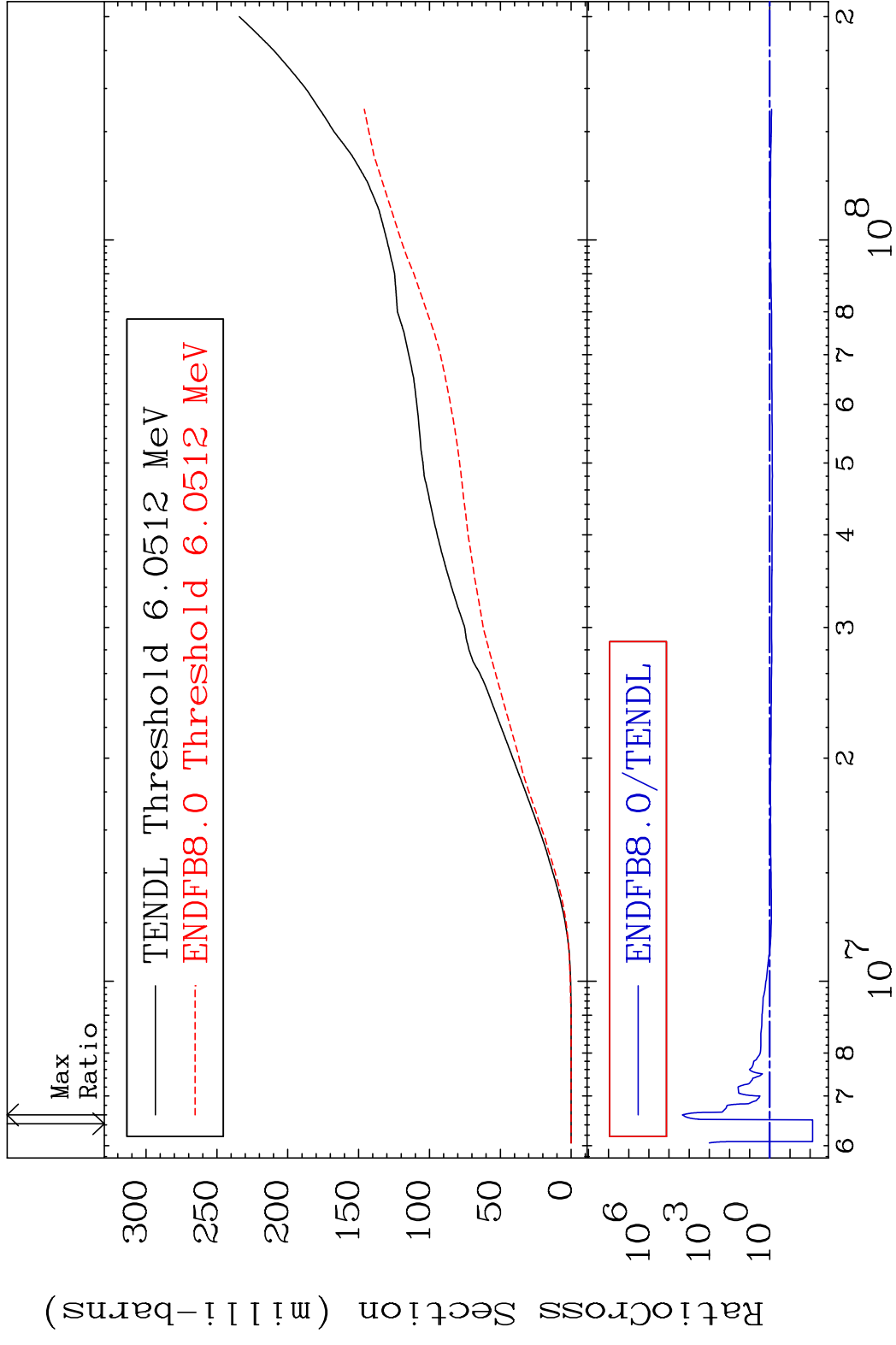


MAT 2825 Hydrogen Production 28-Ni-58  
 Cross Section -100.0 To 16.30 %

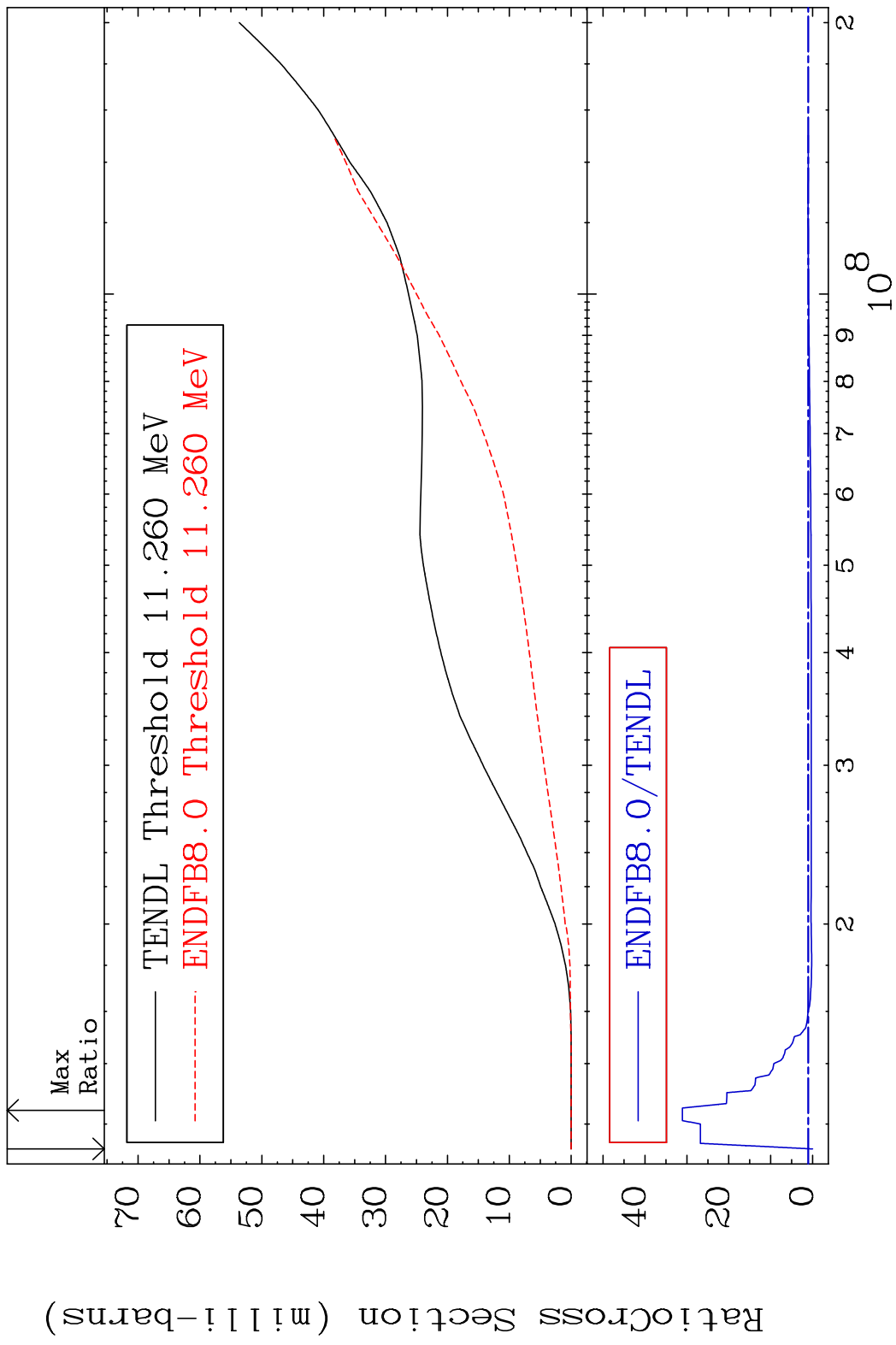


34 Incident Energy (eV) 28-Ni-58

MAT 2825 Deuterium Production 28-Ni-58  
 Cross Section -99.24 To 9999. %



MAT 2825 Tritium Production 28-Ni-58  
 Cross Section -100.0 To 3008. %

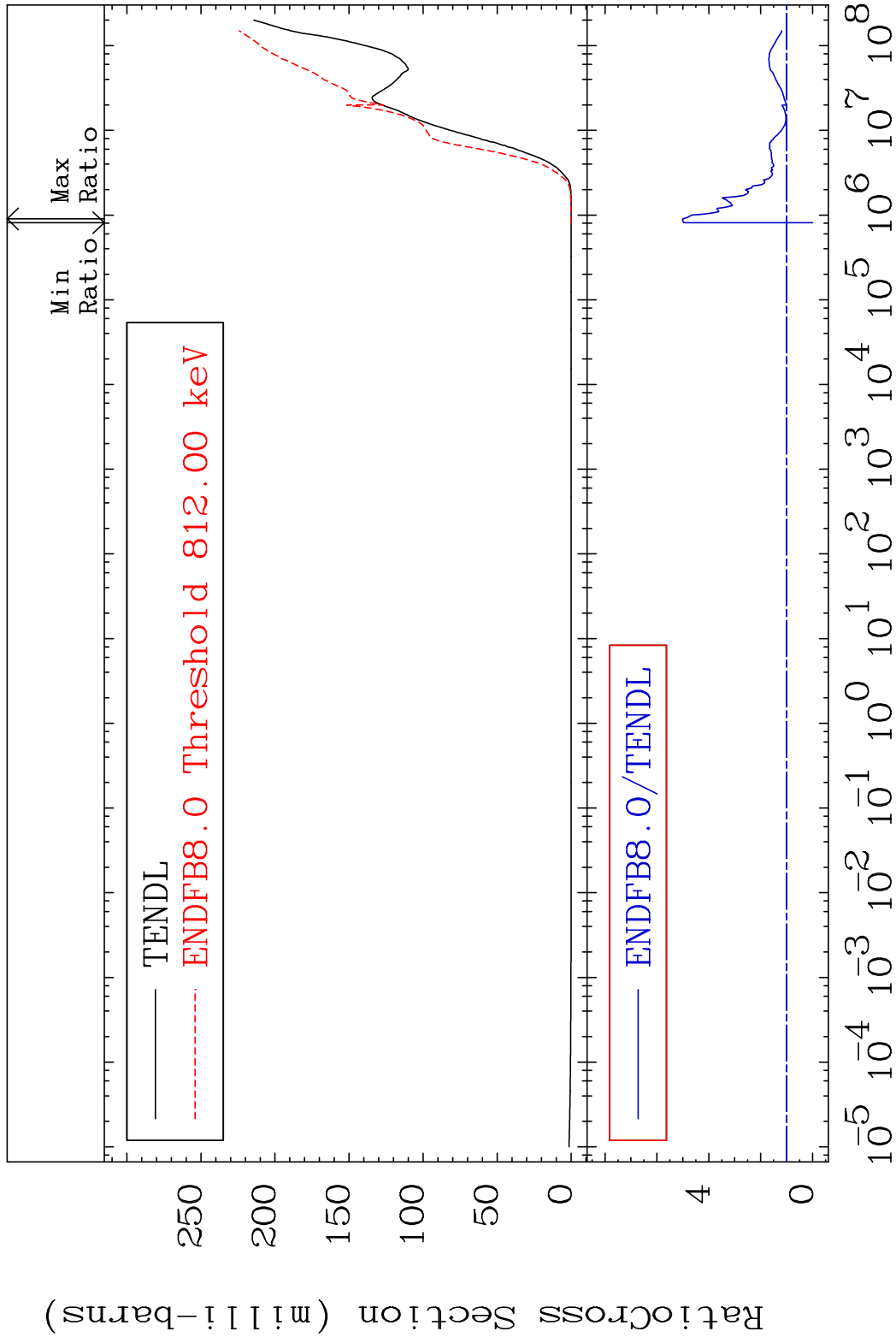


MAT 2825

He-4 Production

<sup>28</sup>Ni-58

Cross Section -100.0 To 401.9 %

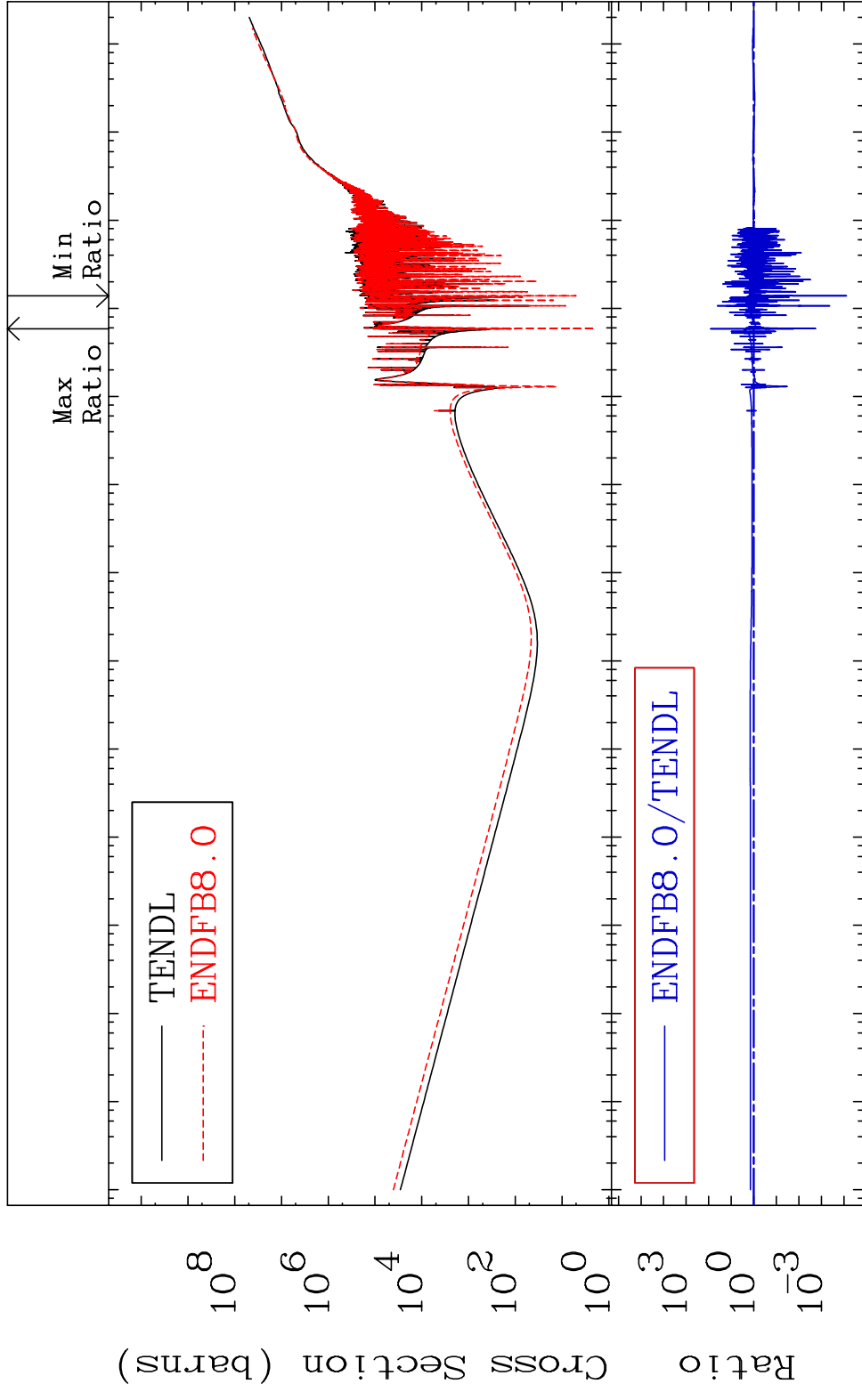


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Incident Energy (eV)

<sup>28</sup>Ni-58

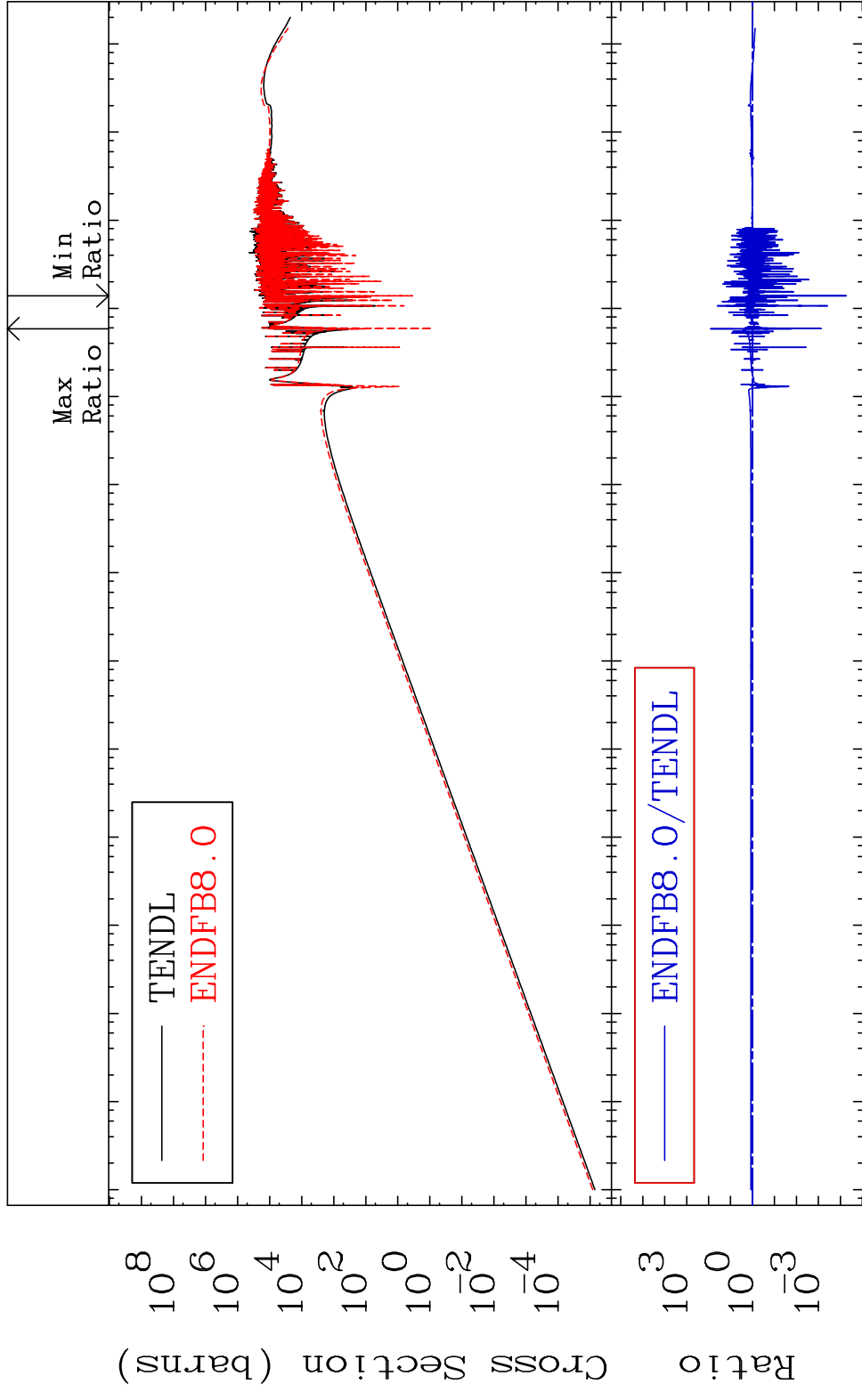
MAT 2825 Kerma total (eV-barns) 28-Ni-58  
 Cross Section -99.99 To 8029. %



MAT 2825

Kerma elastic  
Cross Section

28-Ni-58  
-99.99 To 7925. %

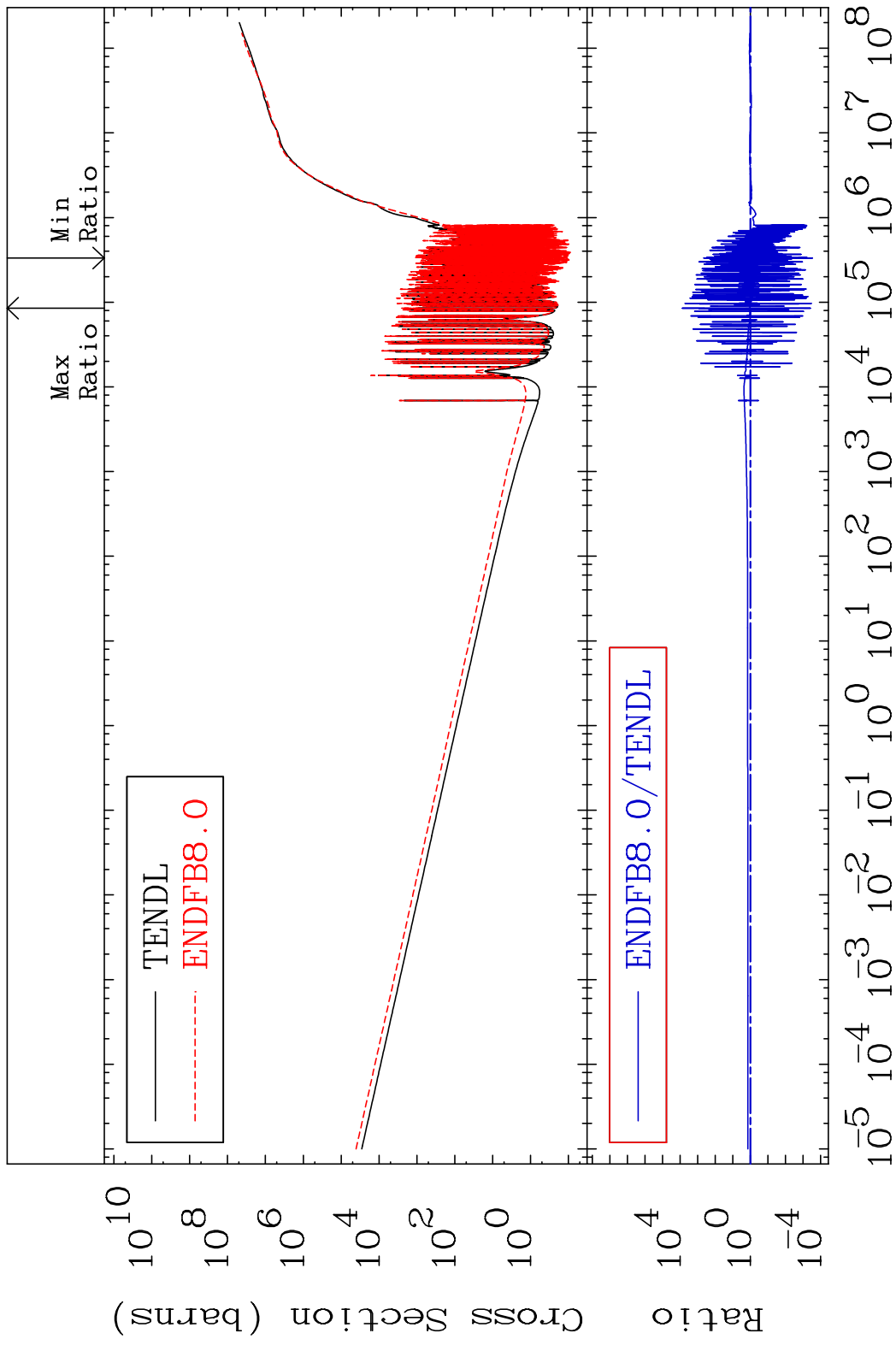


Cross Section (barns)  
Ratio

Incident Energy (eV)

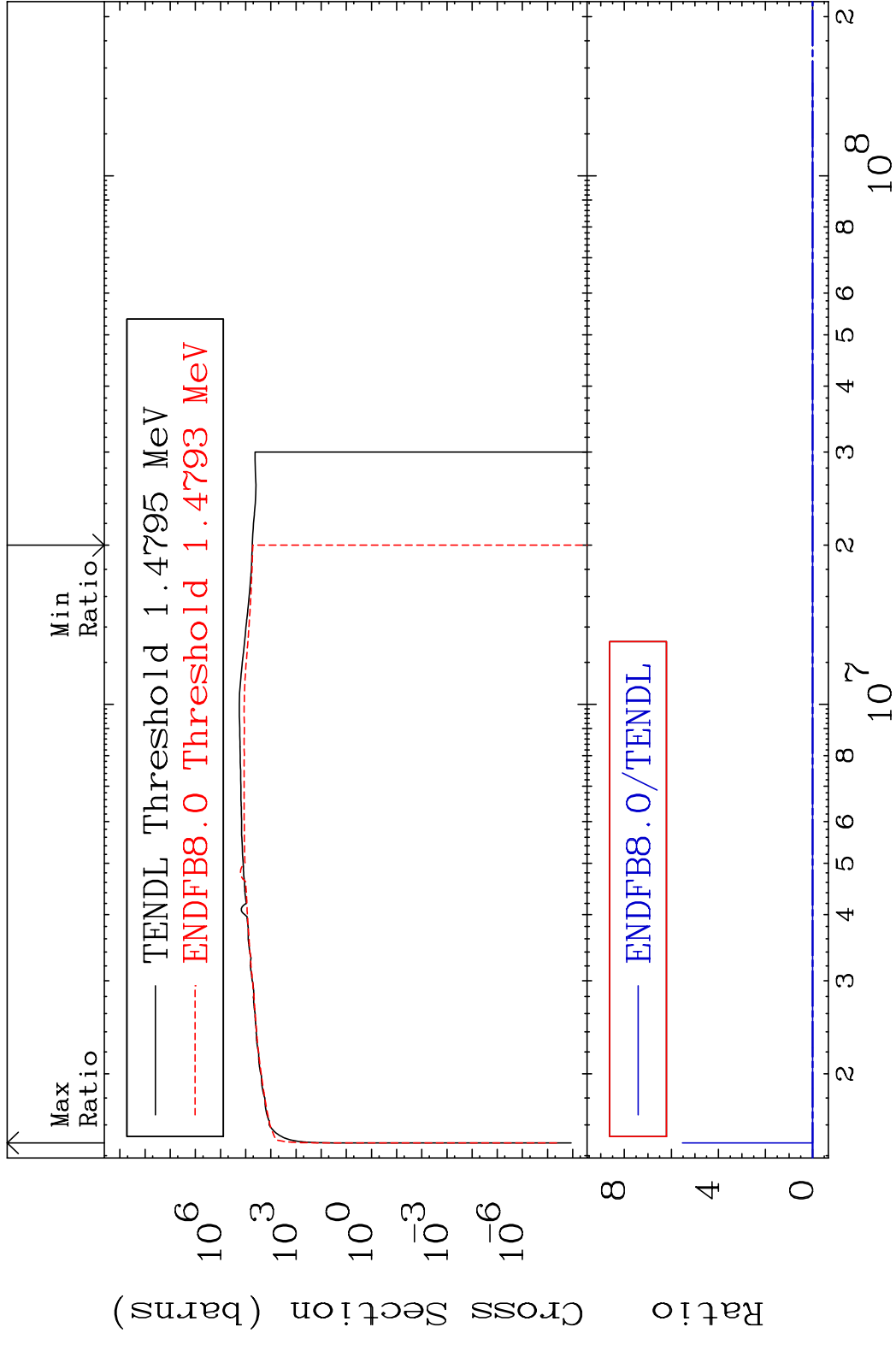


MAT 2825 Kerma non-elastic (all but mt2) 28-Ni-58  
 Cross Section -99.97 To 9999. %

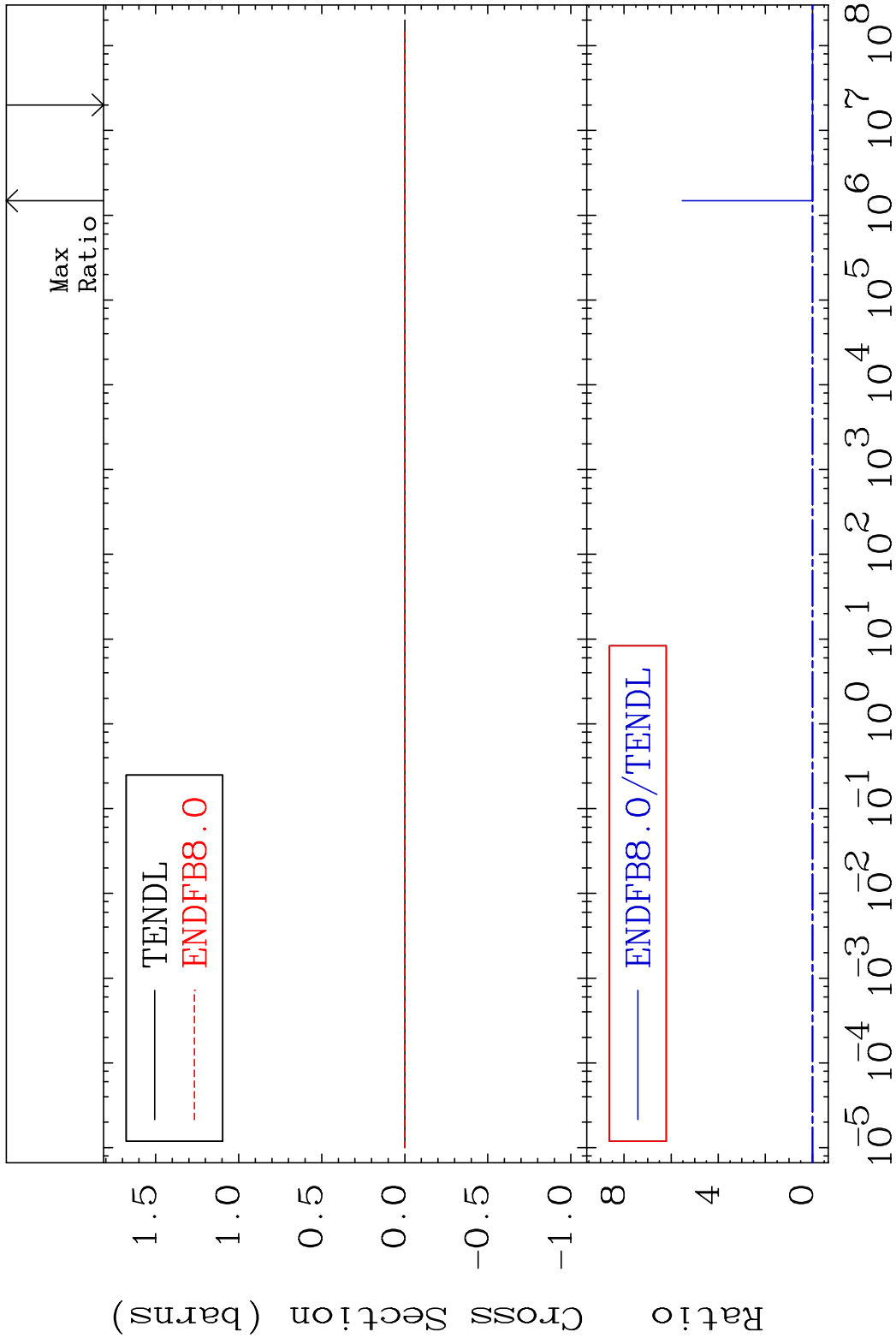


40 Incident Energy (eV) 28-Ni-58

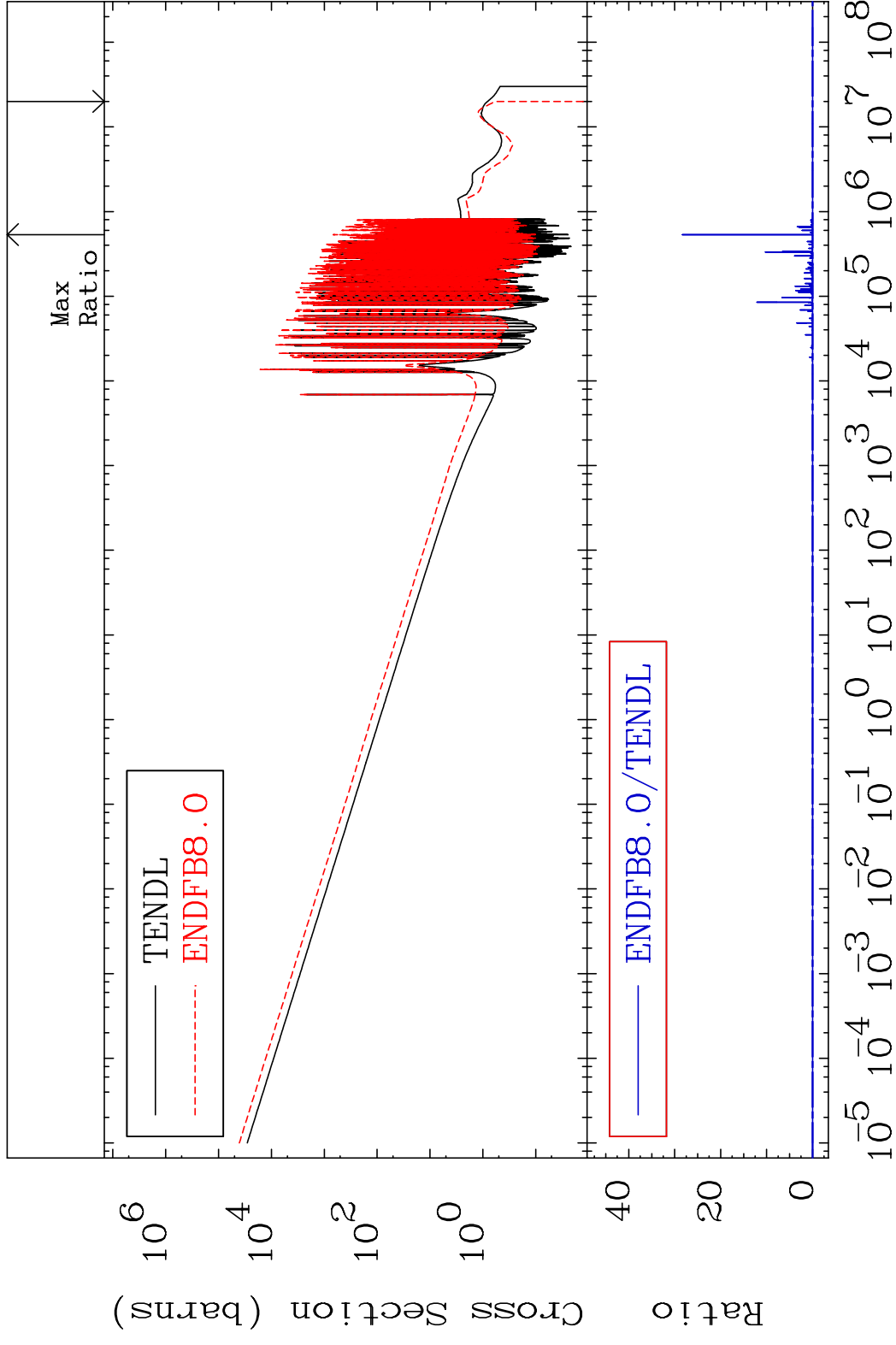
MAT 2825 Kerma inelastic (mt51-91) 28-Ni-58  
 Cross Section -100.0 To 9999. %



MAT 2825 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-58  
 Cross Section -100.0 To 9999. %

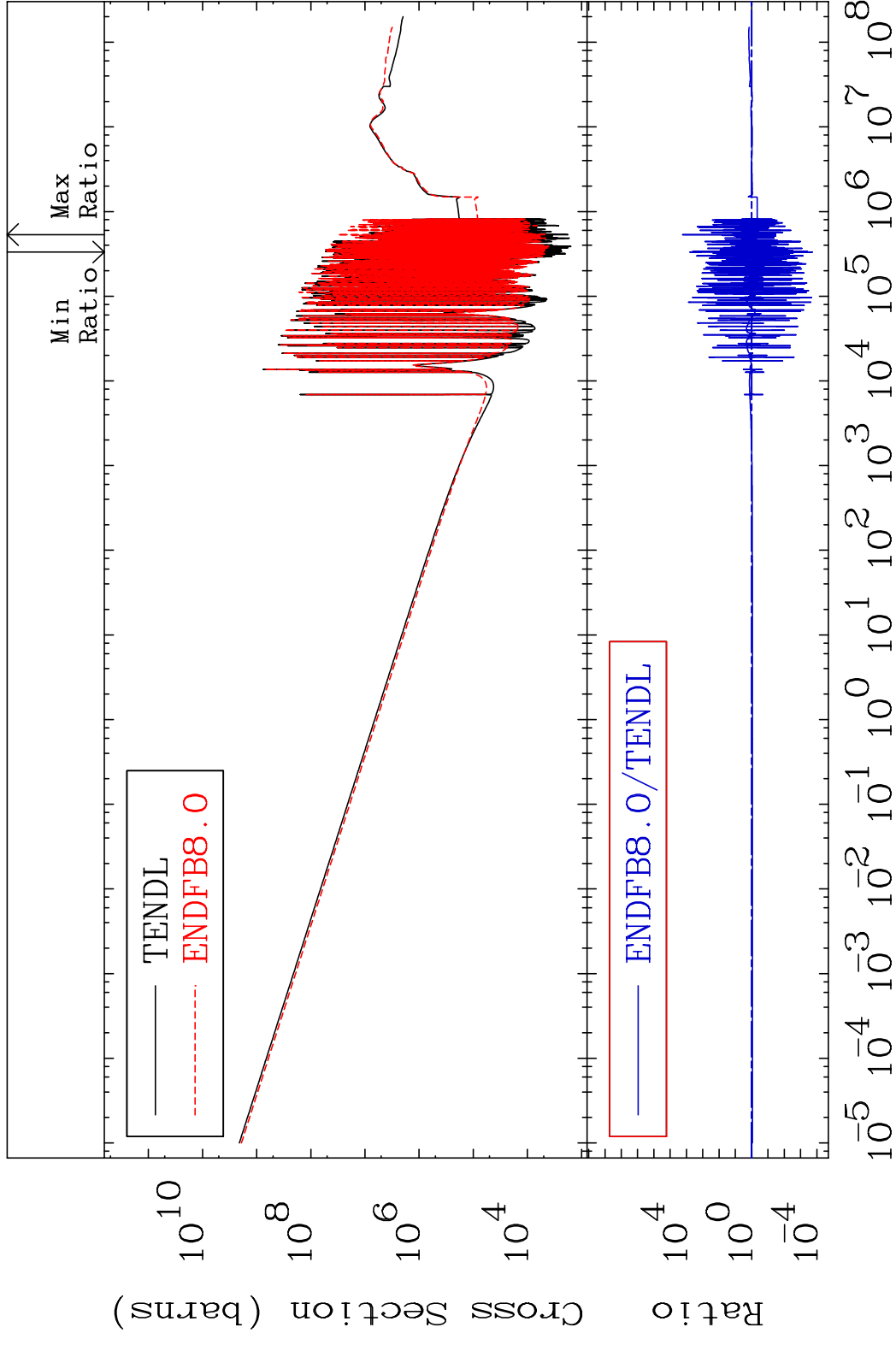


MAT 2825 Kerma capture (mt102) 28-Ni-58  
 Cross Section -100.0 To 9999. %



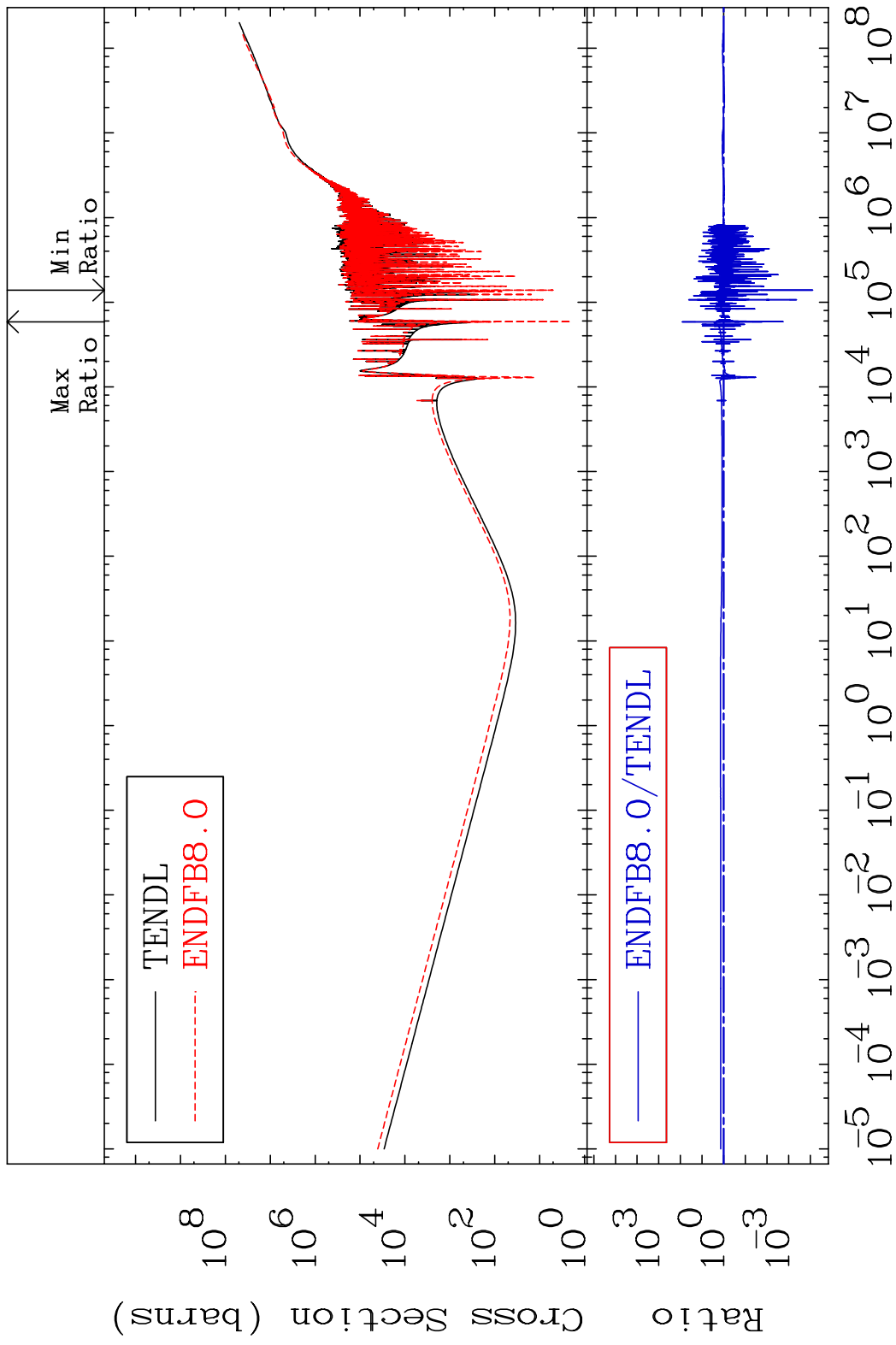
43 Incident Energy (eV) 28-Ni-58

MAT 2825 Total photon (eV-barns) 28-Ni-58  
 Cross Section -99.98 To 9999. %

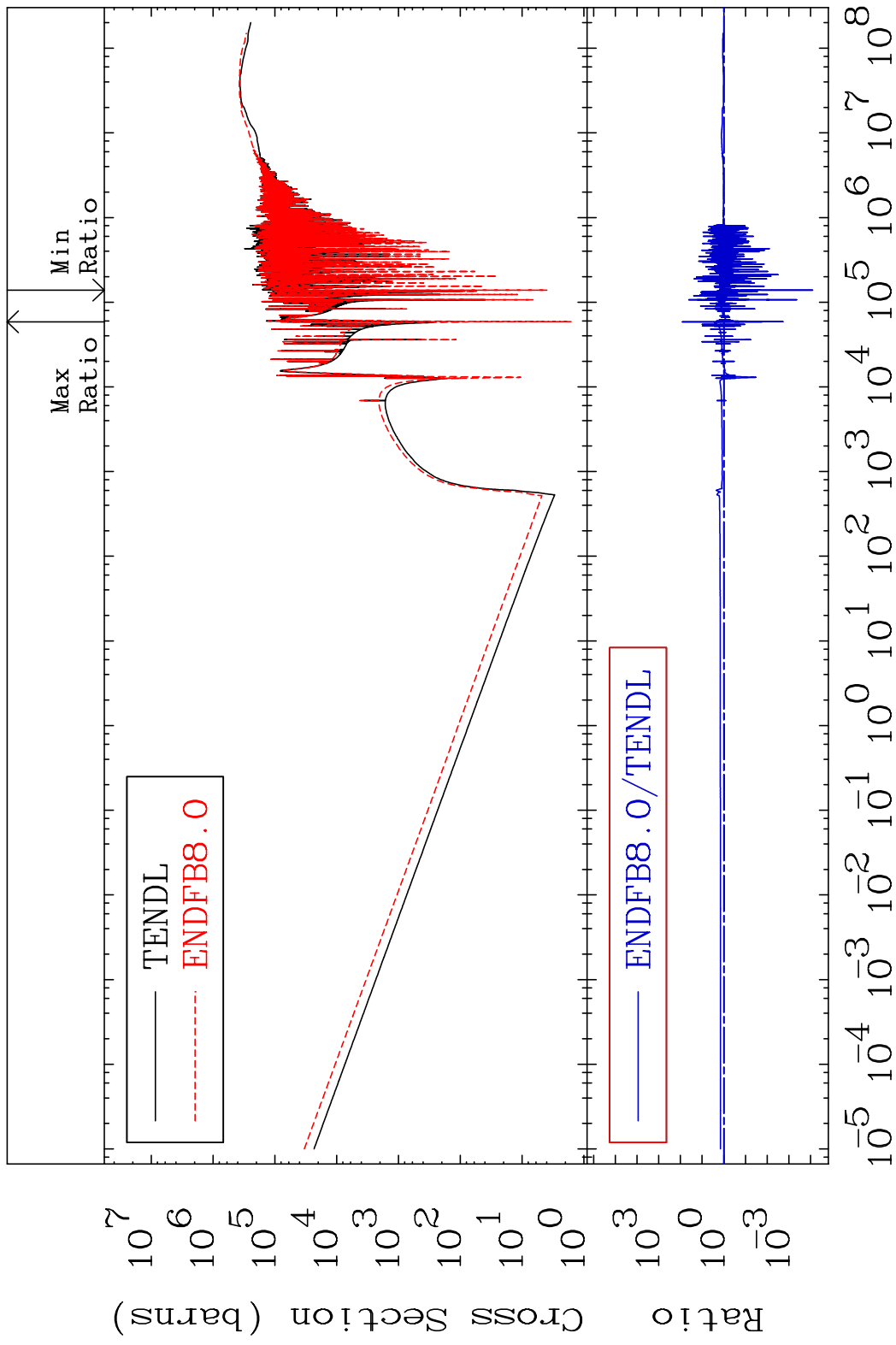


44 Incident Energy (eV) 28-Ni-58

MAT 2825 Total kinematic kerma (high limit) 28-Ni-58  
Cross Section -99.99 To 8029. %



MAT 2825      Dpa total (eV-barns)      28-Ni-58  
 Cross Section      -99.99 To 8046. %



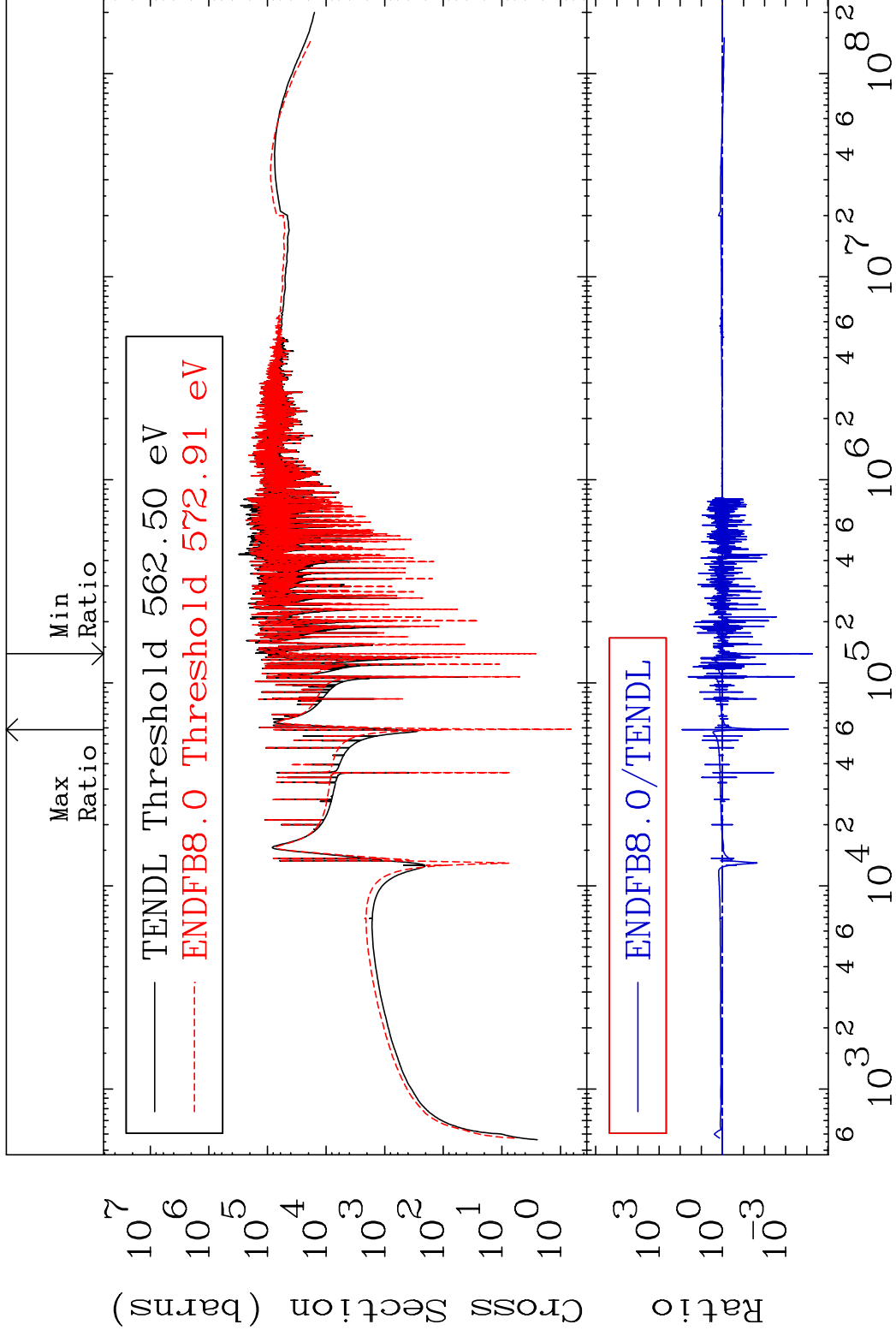
46      Incident Energy (eV)      28-Ni-58

MAT 2825

Dpa elastic (mt2)

28-Ni-58

Cross Section -99.99 To 7934. %



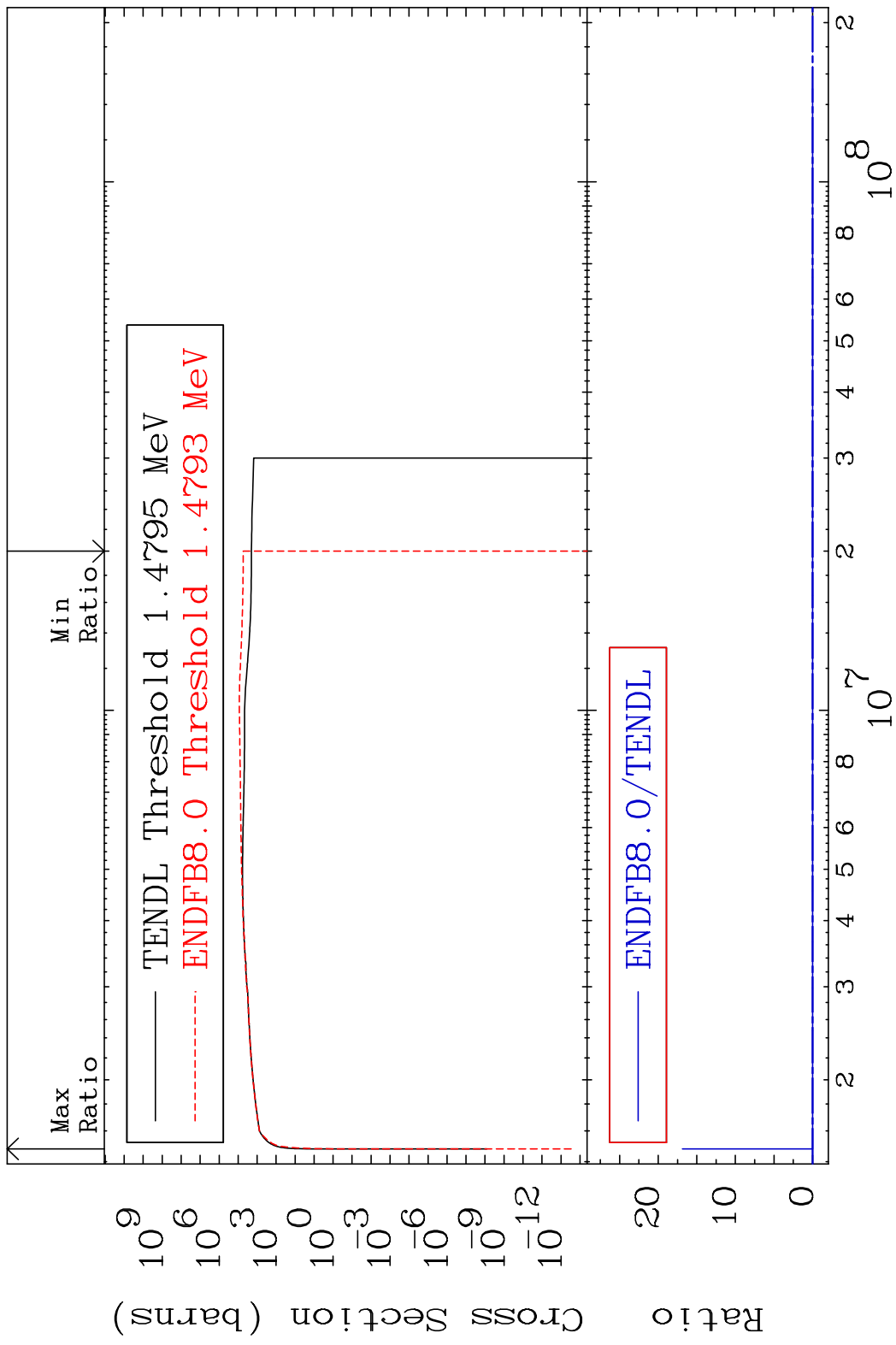
47

Incident Energy (eV)

28-Ni-58



MAT 2825 Dpa inelastic (mt51-91) 28-Ni-58  
 Cross Section -100.0 To 9999. %



MAT 2825 Dpa disappearance (mt102 -120) 28-Ni-58  
 Cross Section -100.0 To 9999. %

