

Program Complot  
(Version 2021-1)

by

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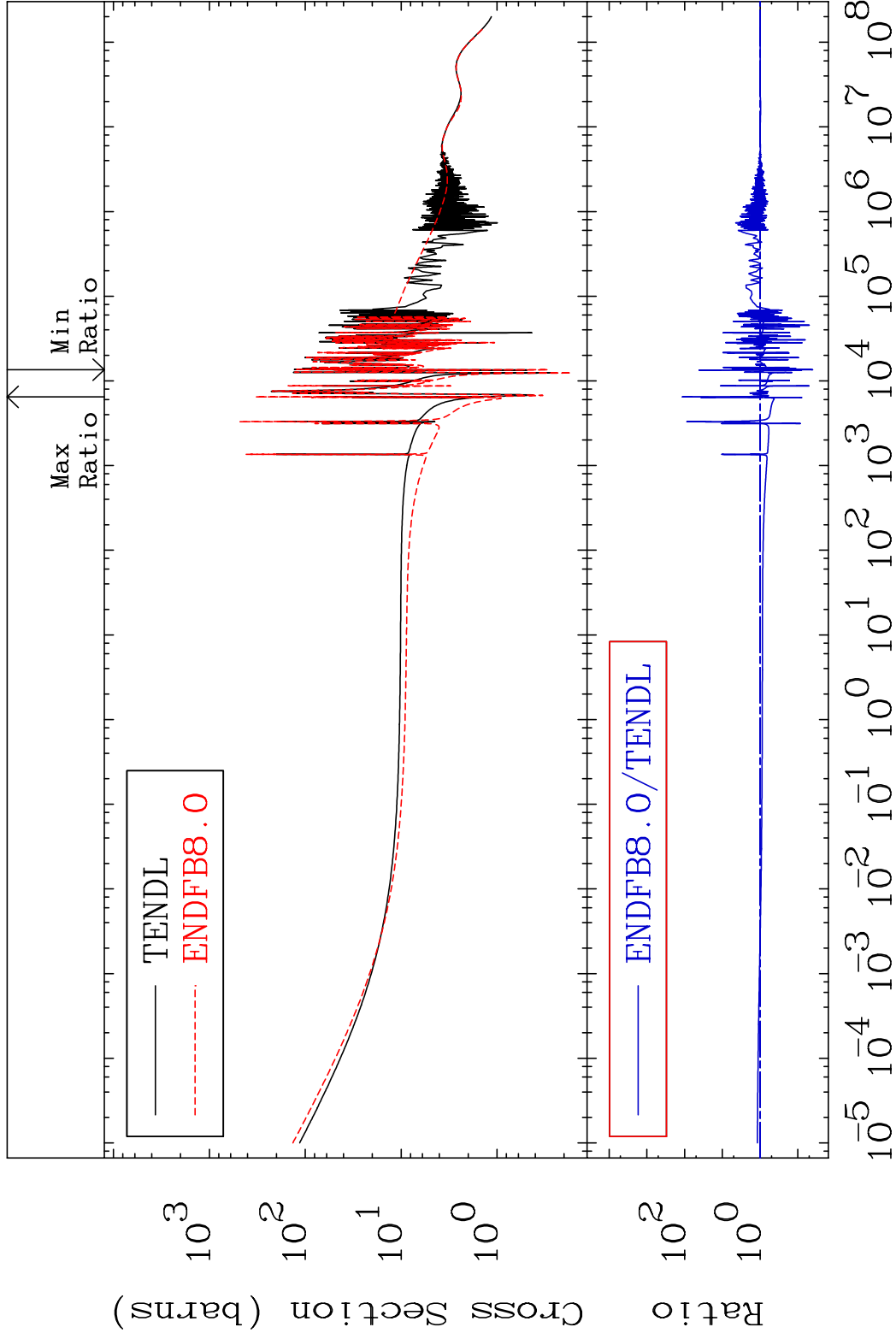
Press Mouse Button to Start

MAT 2834

Total

28-Ni-61

Cross Section -95.93 To 9999. %

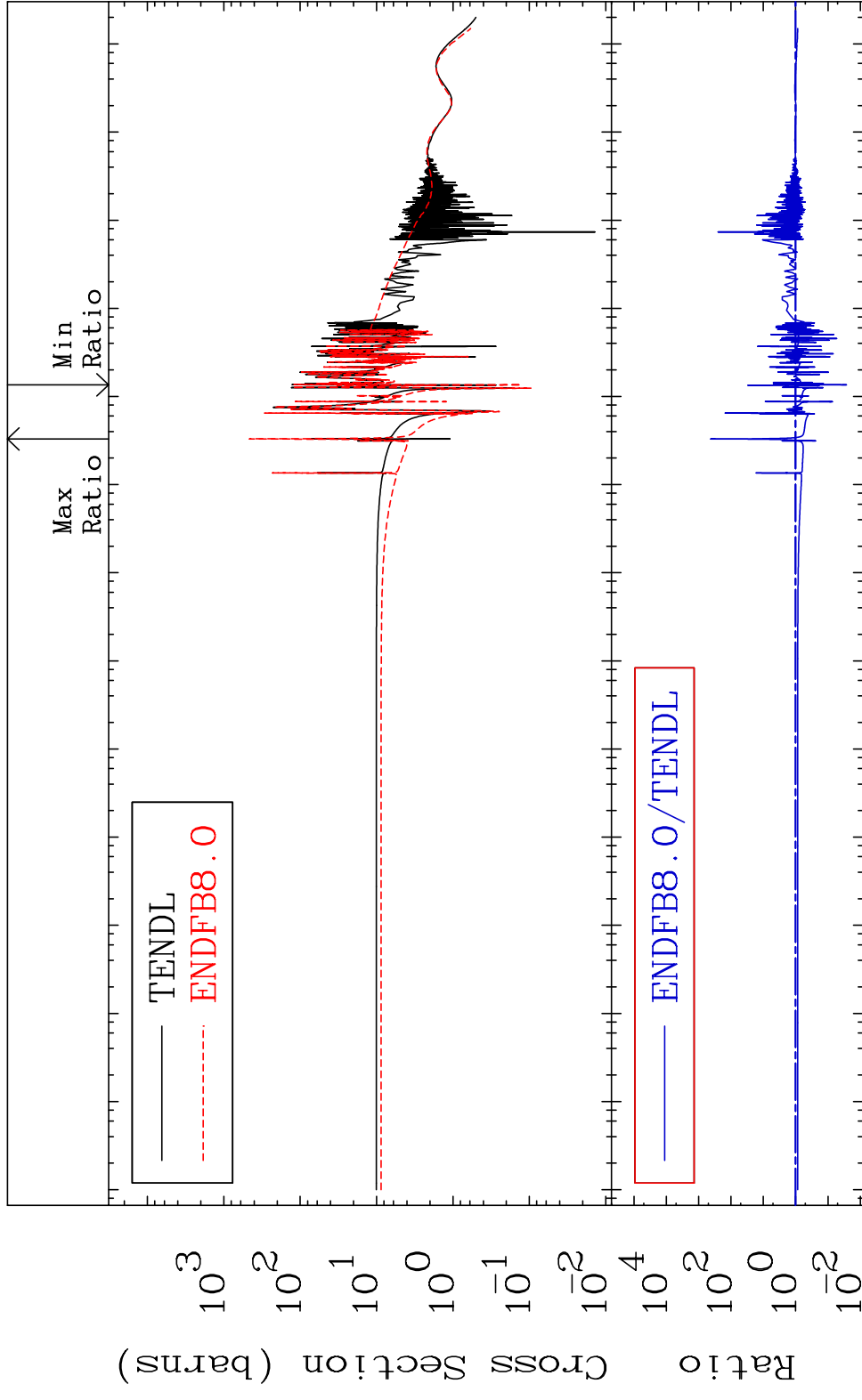


1

Incident Energy (eV)

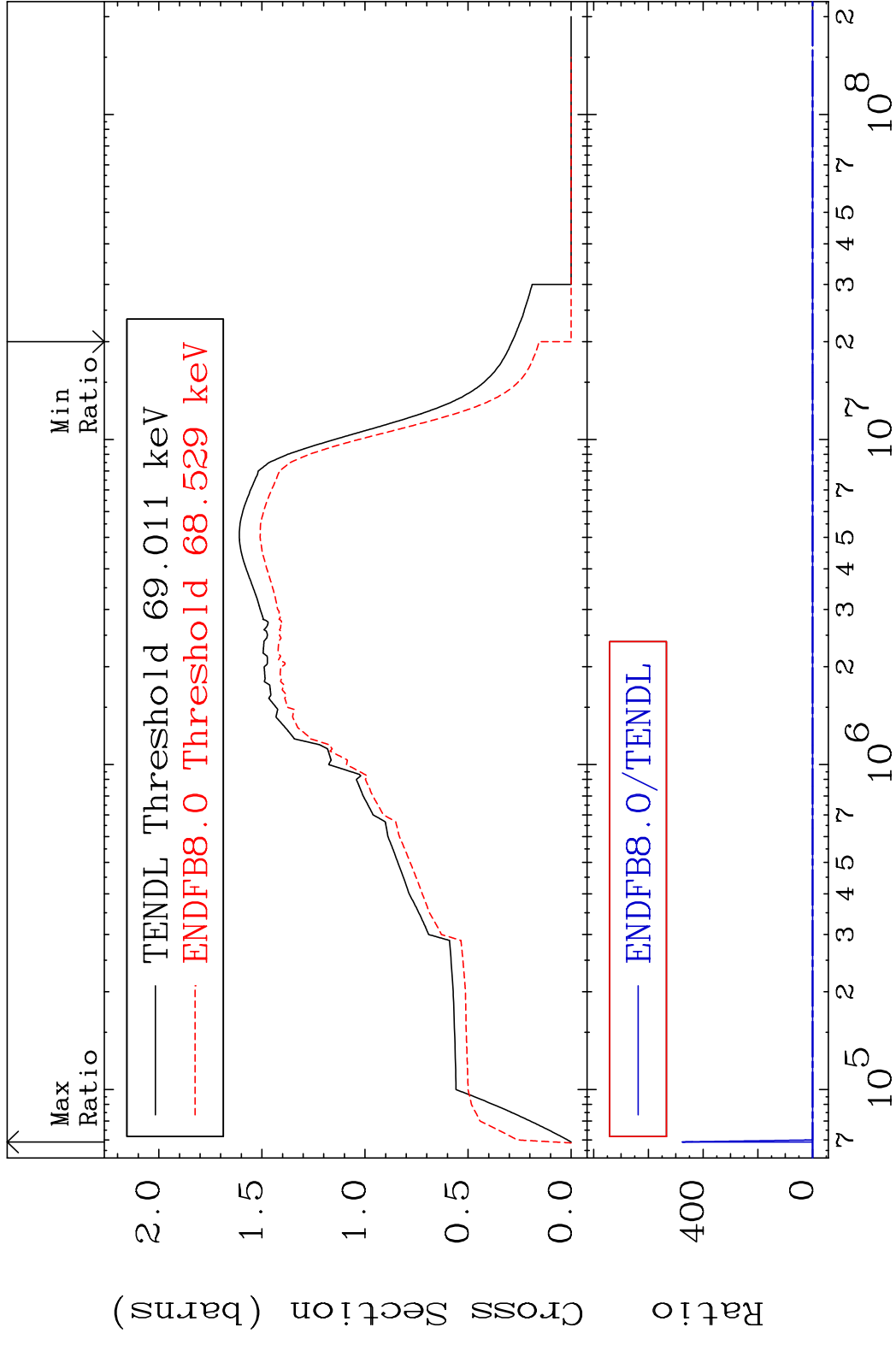
28-Ni-61

MAT 2834 Elastic Cross Section -97.29 To 9999. % 28-Ni-61



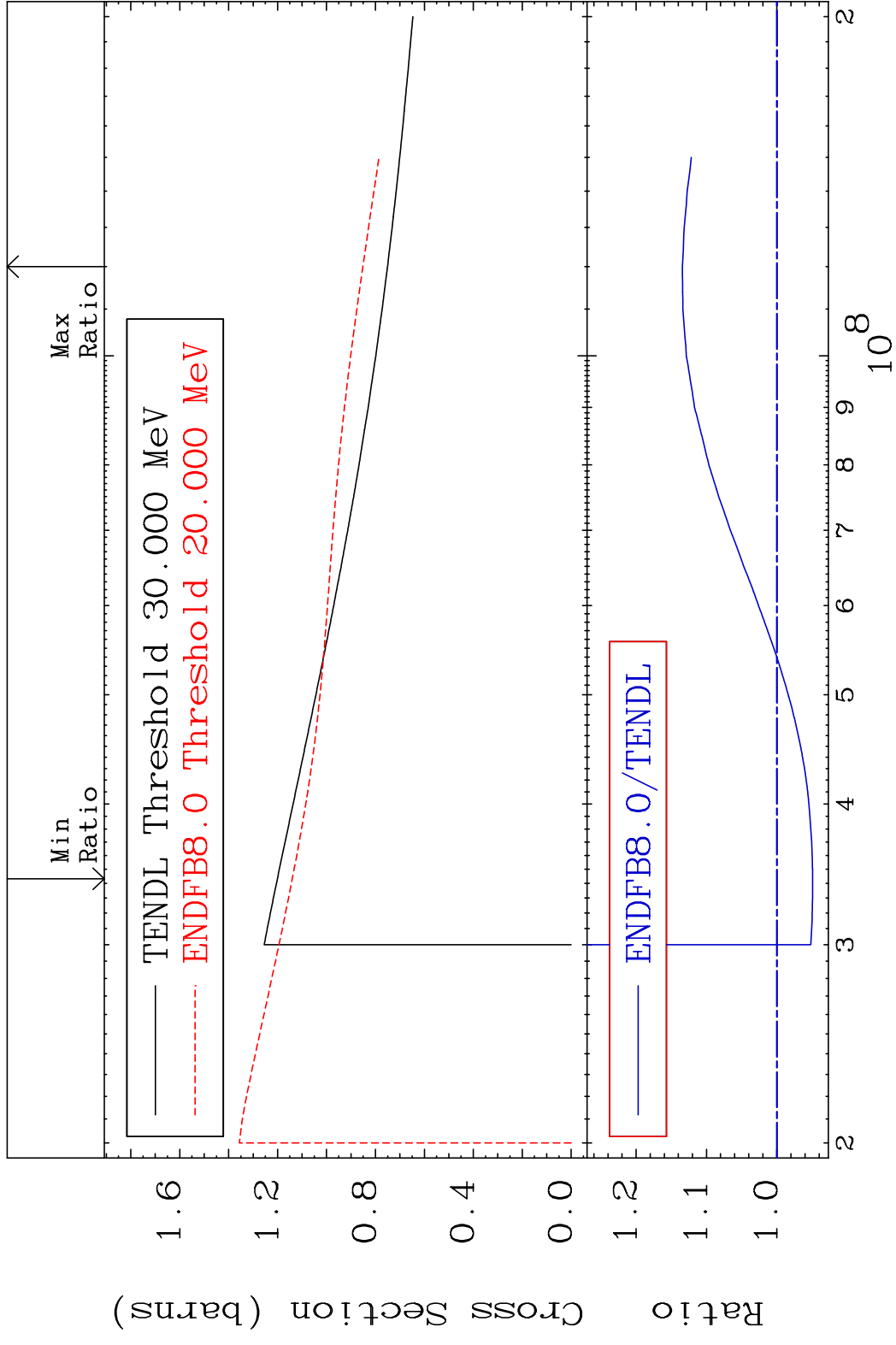
2 Incident Energy (eV) 28-Ni-61

MAT 2834 Inelastic 28-Ni-61  
 Cross Section -100.0 To 9999. %



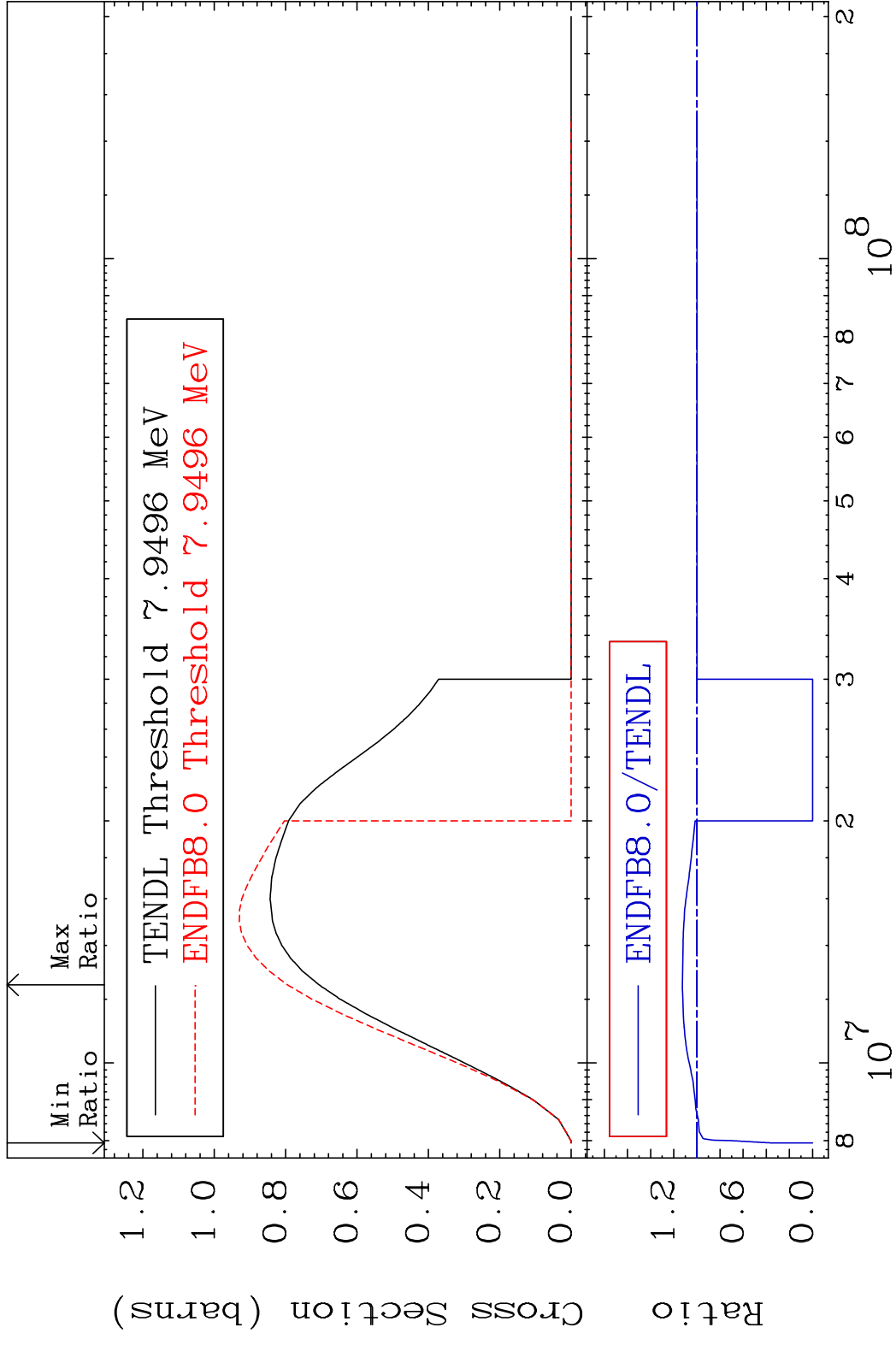
3 Incident Energy (eV) 28-Ni-61

MAT 2834 (n, remainder) 28-Ni-61  
 Cross Section -5.066 To 13.43 %



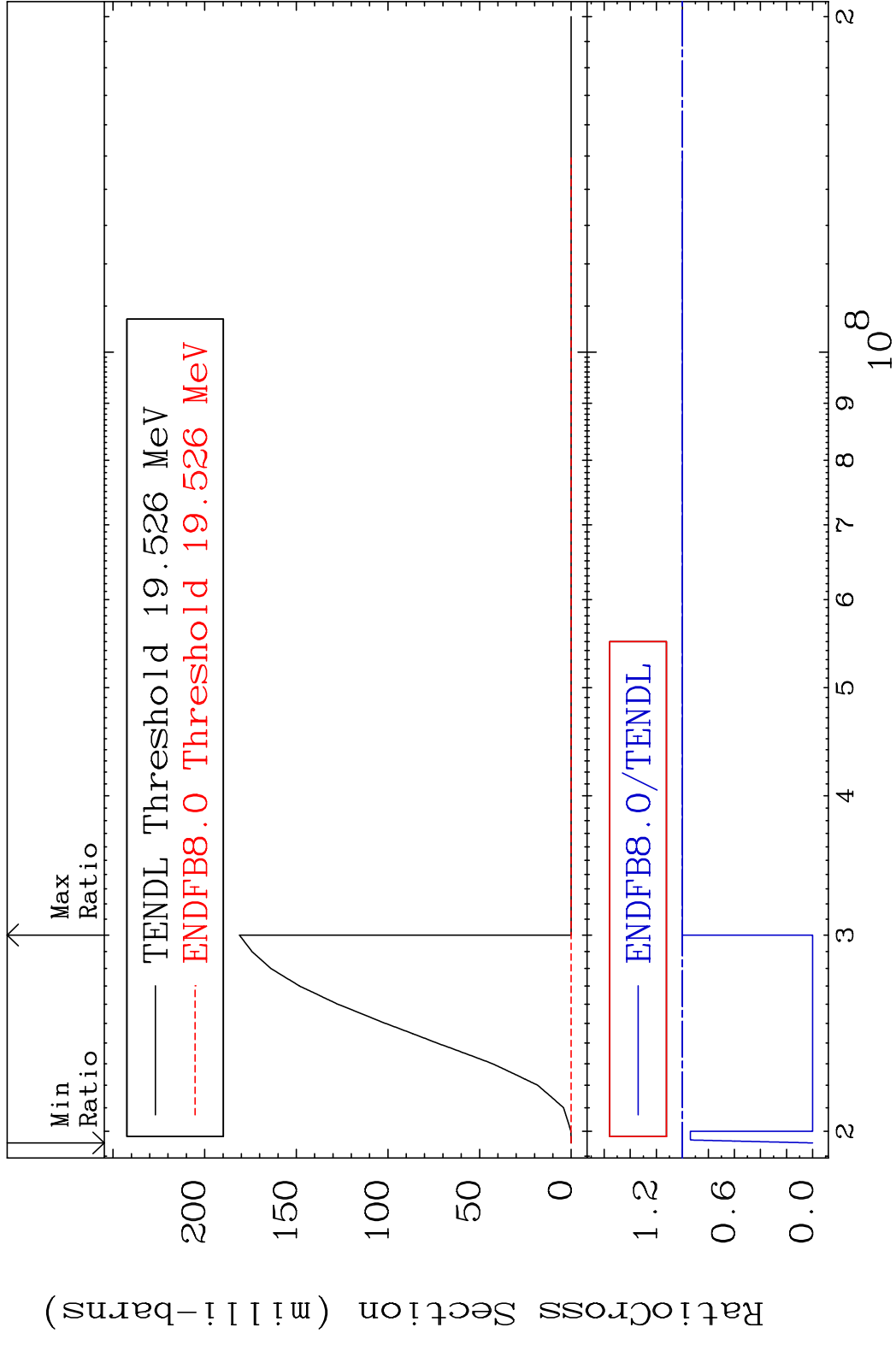
4 Incident Energy (eV) 28-Ni-61

MAT 2834 (n,2n) 28-Ni-61  
 Cross Section -100.0 To 12.58 %

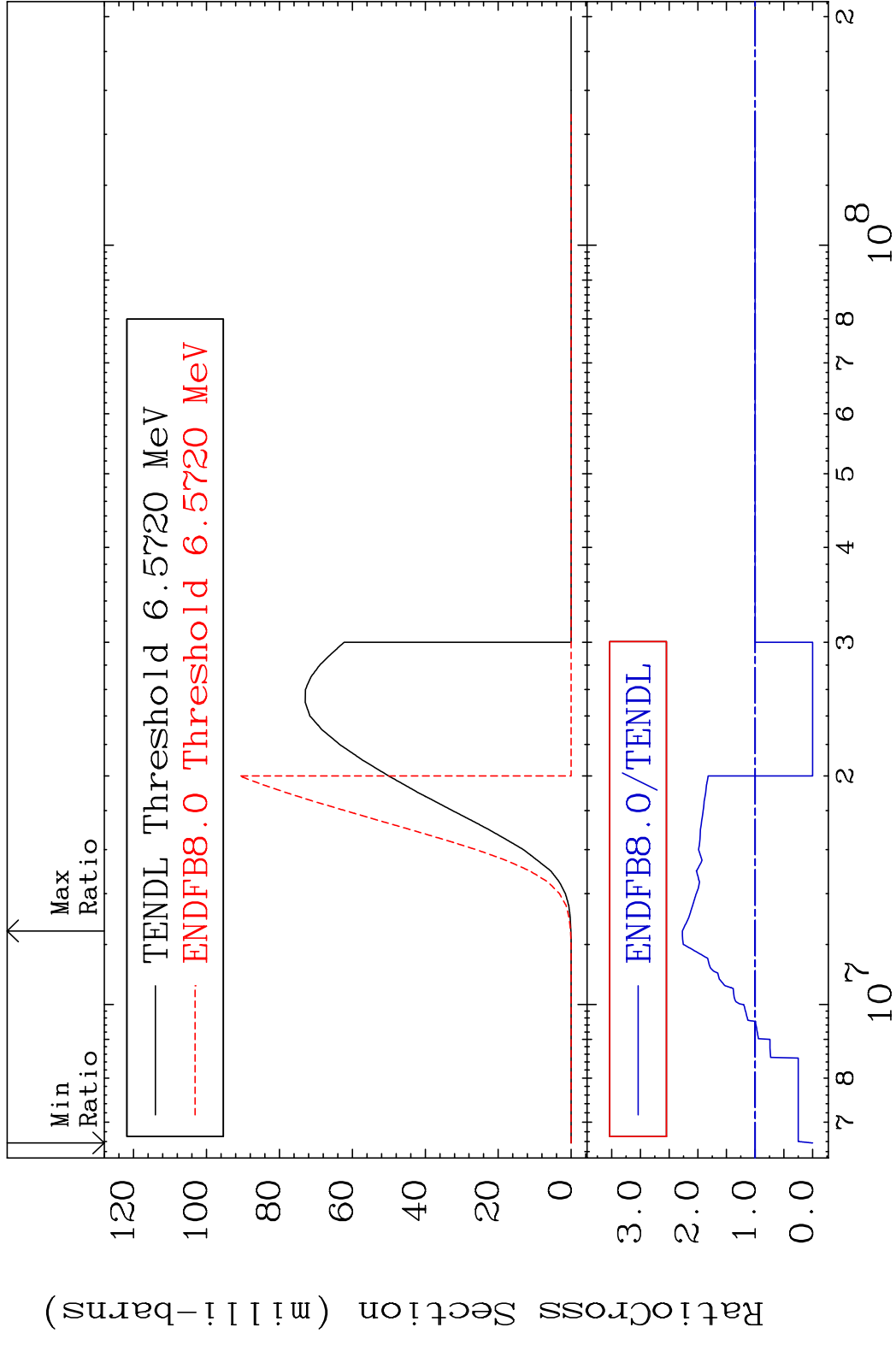


5 Incident Energy (eV) 28-Ni-61

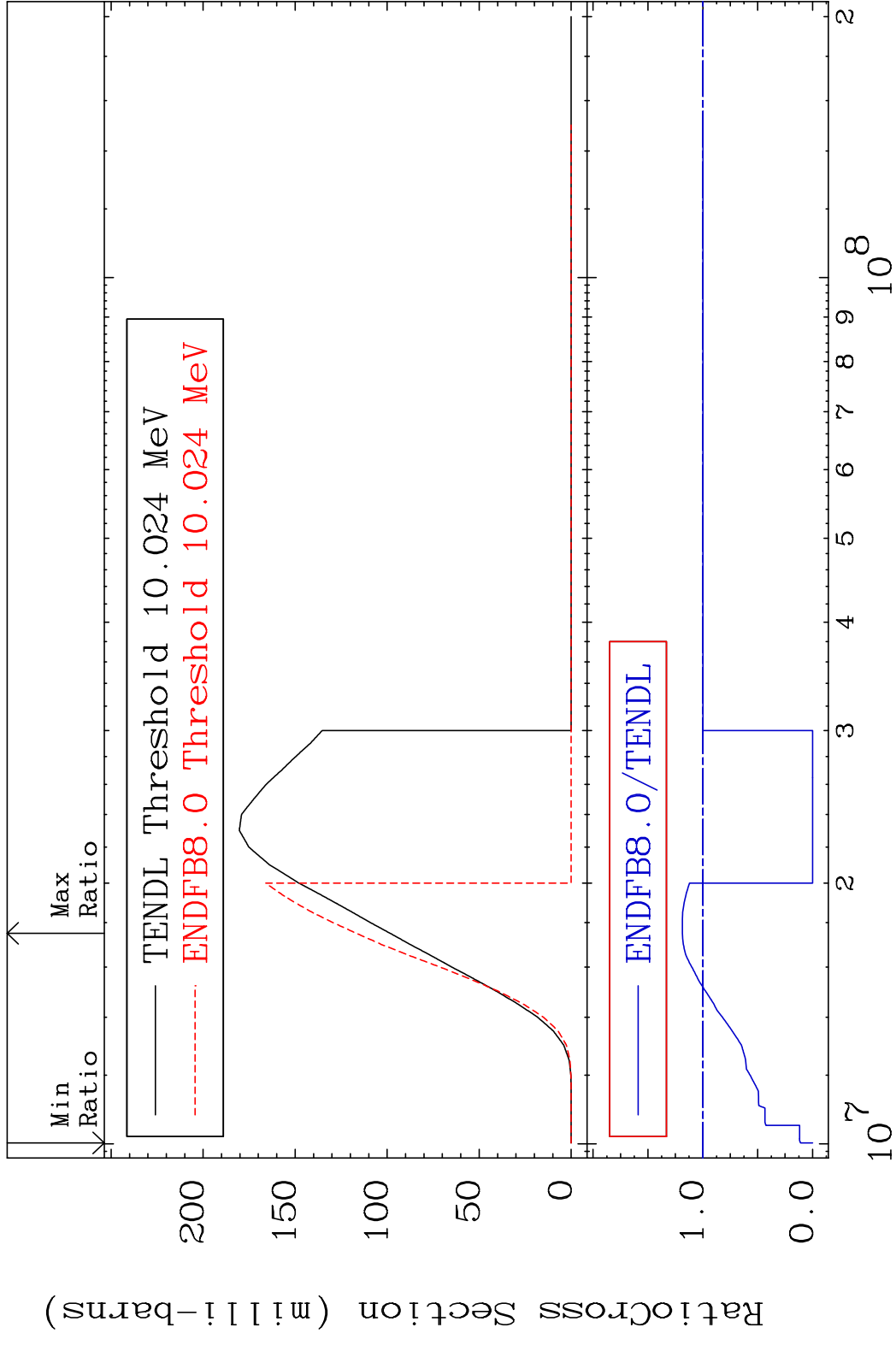
MAT 2834 (n,3n) 28-Ni-61  
 Cross Section -100.0 To 0.000 %



MAT 2834 (n, n')  $\alpha$  28-Ni-61  
 Cross Section -100.0 To 126.9 %

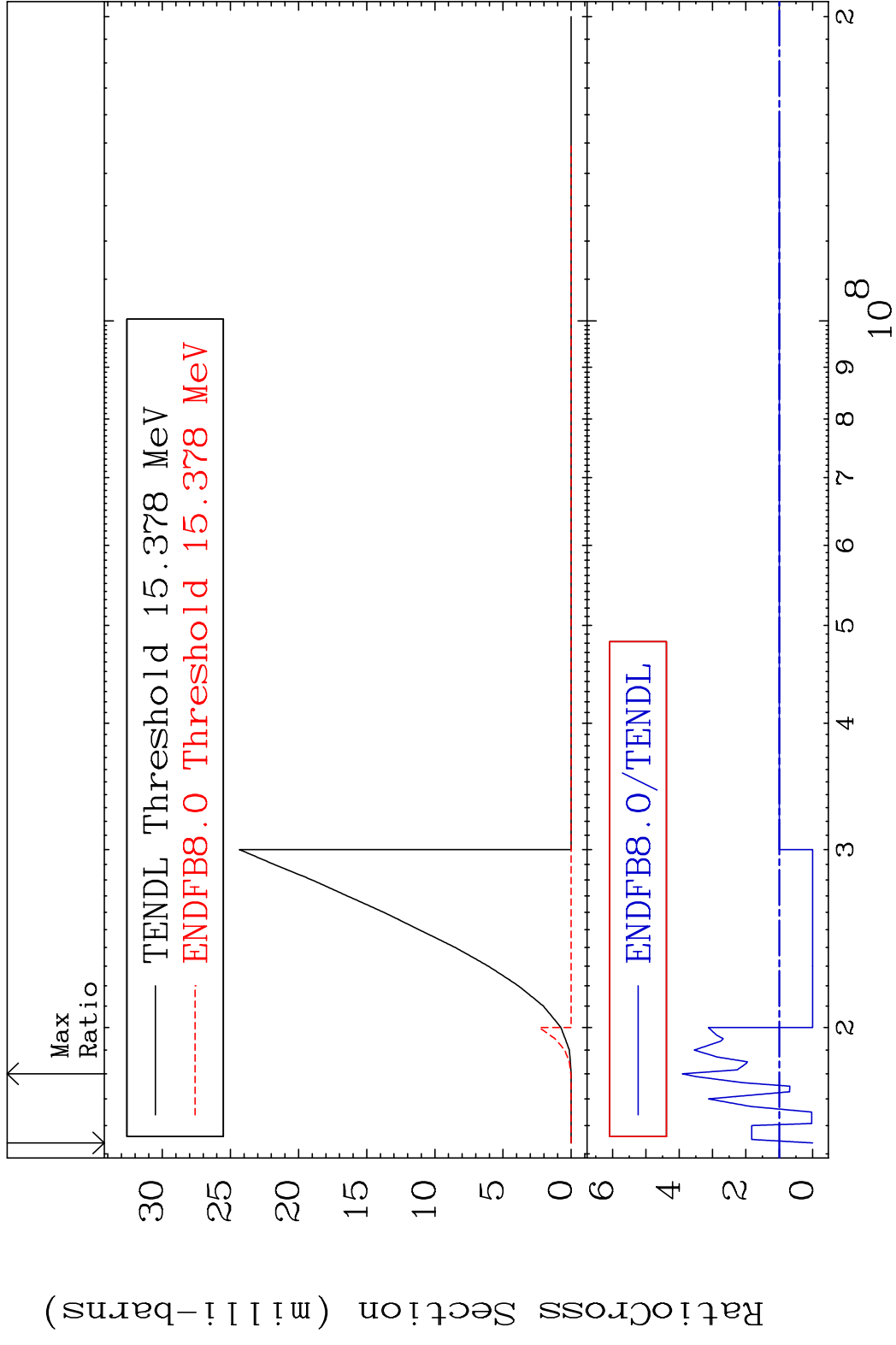


MAT 2834 (n, n') p 28-Ni-61  
 Cross Section -100.0 To 18.66 %

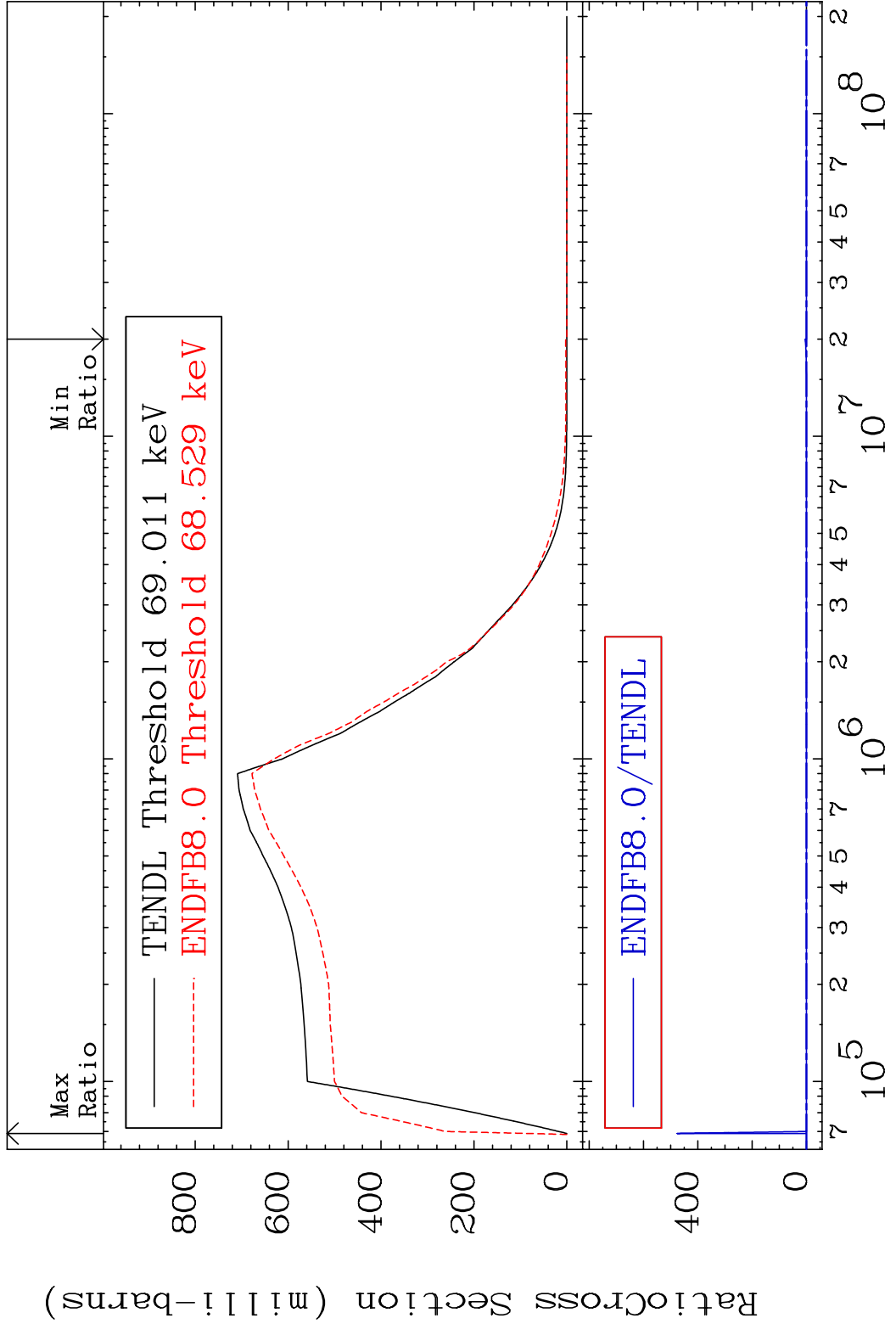


8 Incident Energy (eV) 28-Ni-61

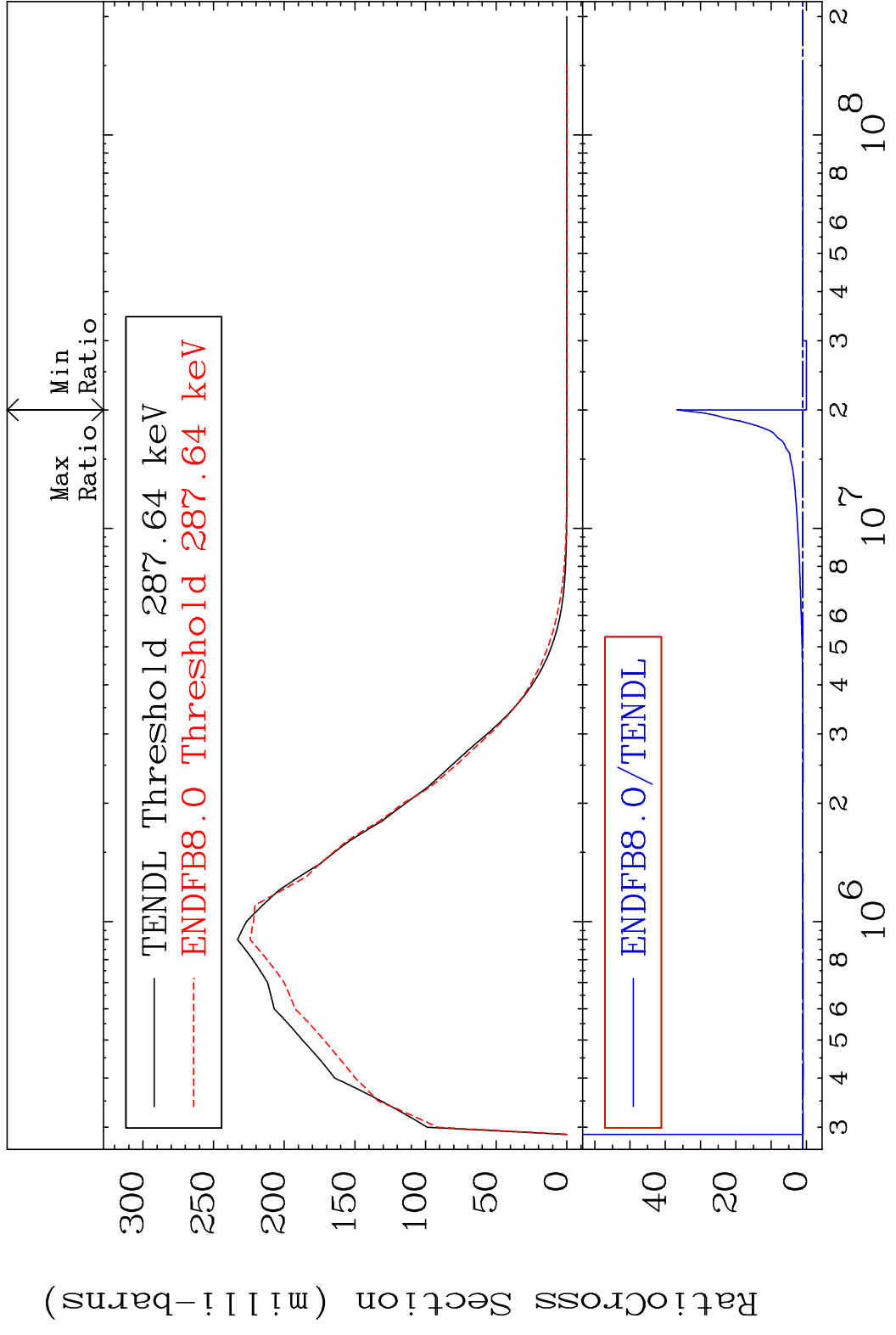
MAT 2834 (n, n') d 28-Ni-61  
 Cross Section -100.0 To 290.5 %



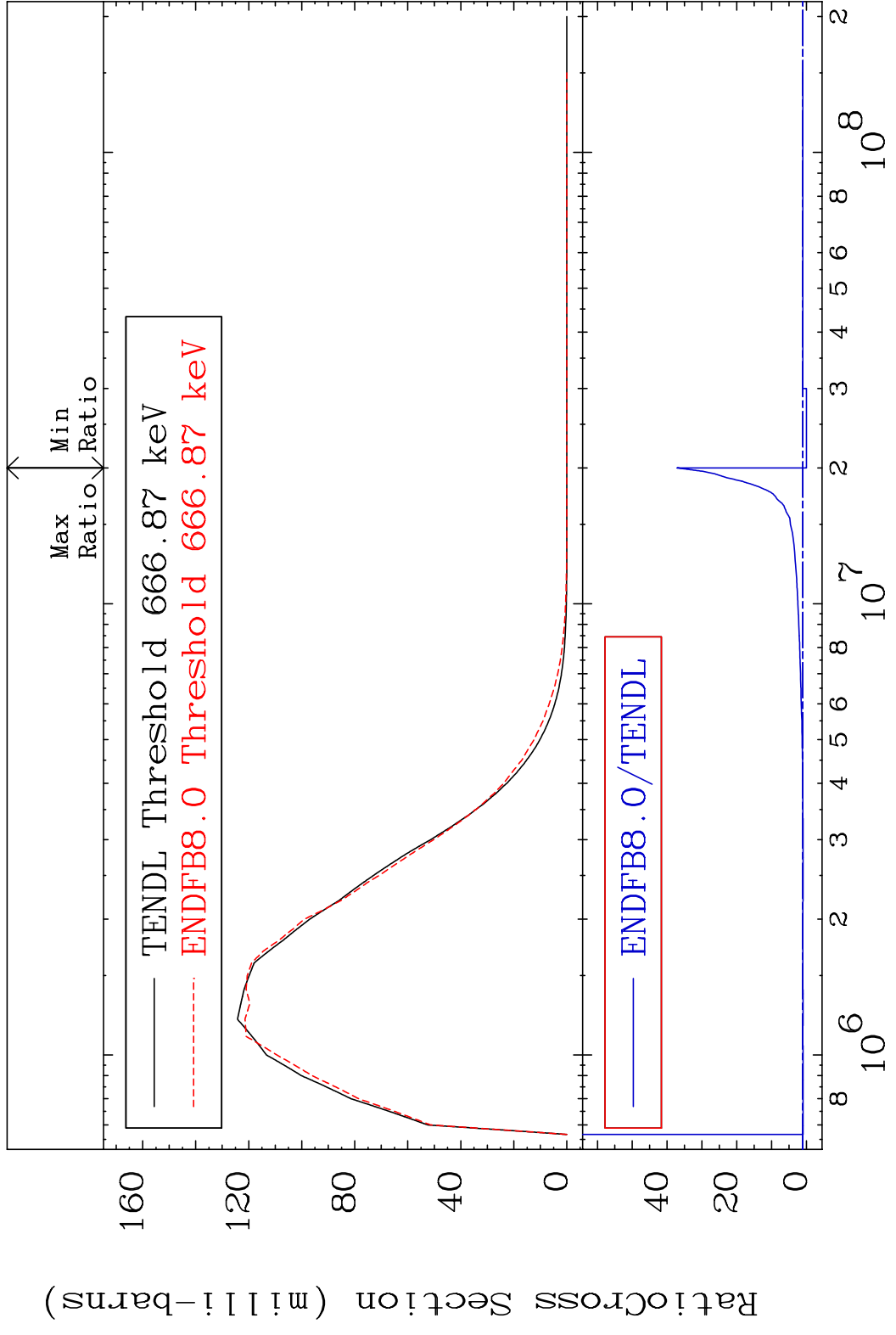
MAT 2834 MT= 51 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 9999. %



MAT 2834 MT= 52 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 3563. %

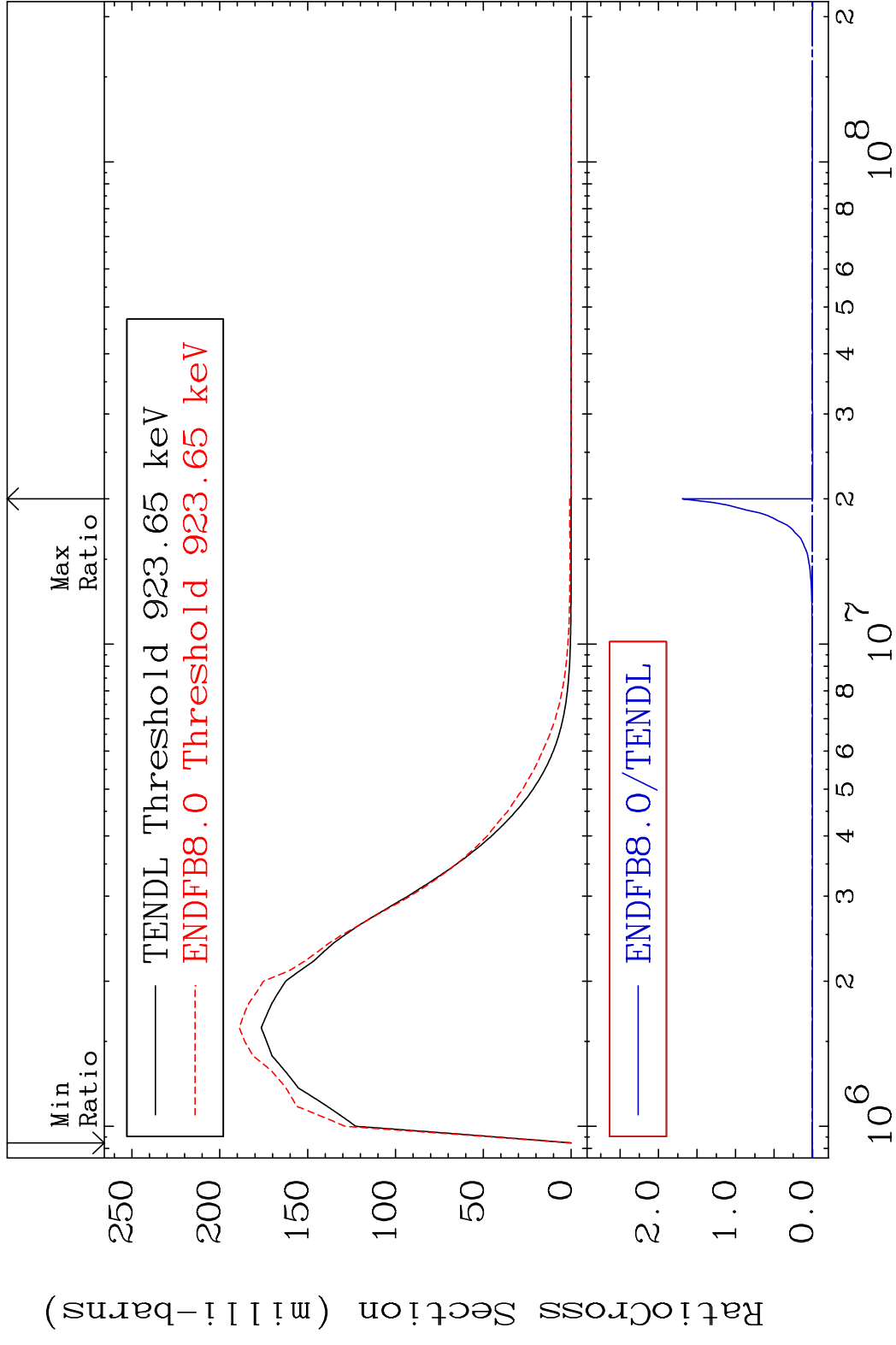


MAT 2834 MT= 53 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 3610. %



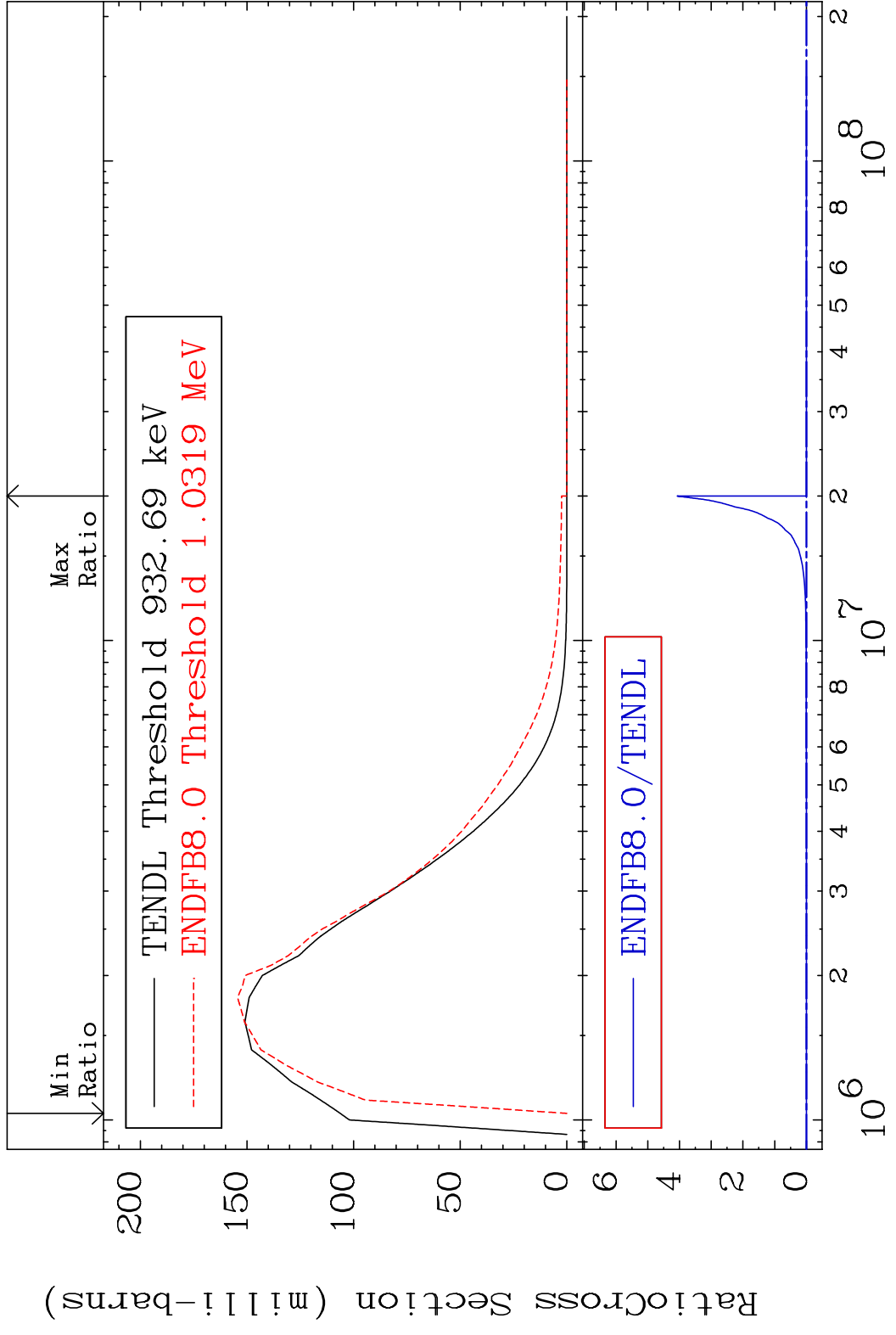
12 Incident Energy (eV) 28-Ni-61

MAT 2834 MT= 54 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 9999. %



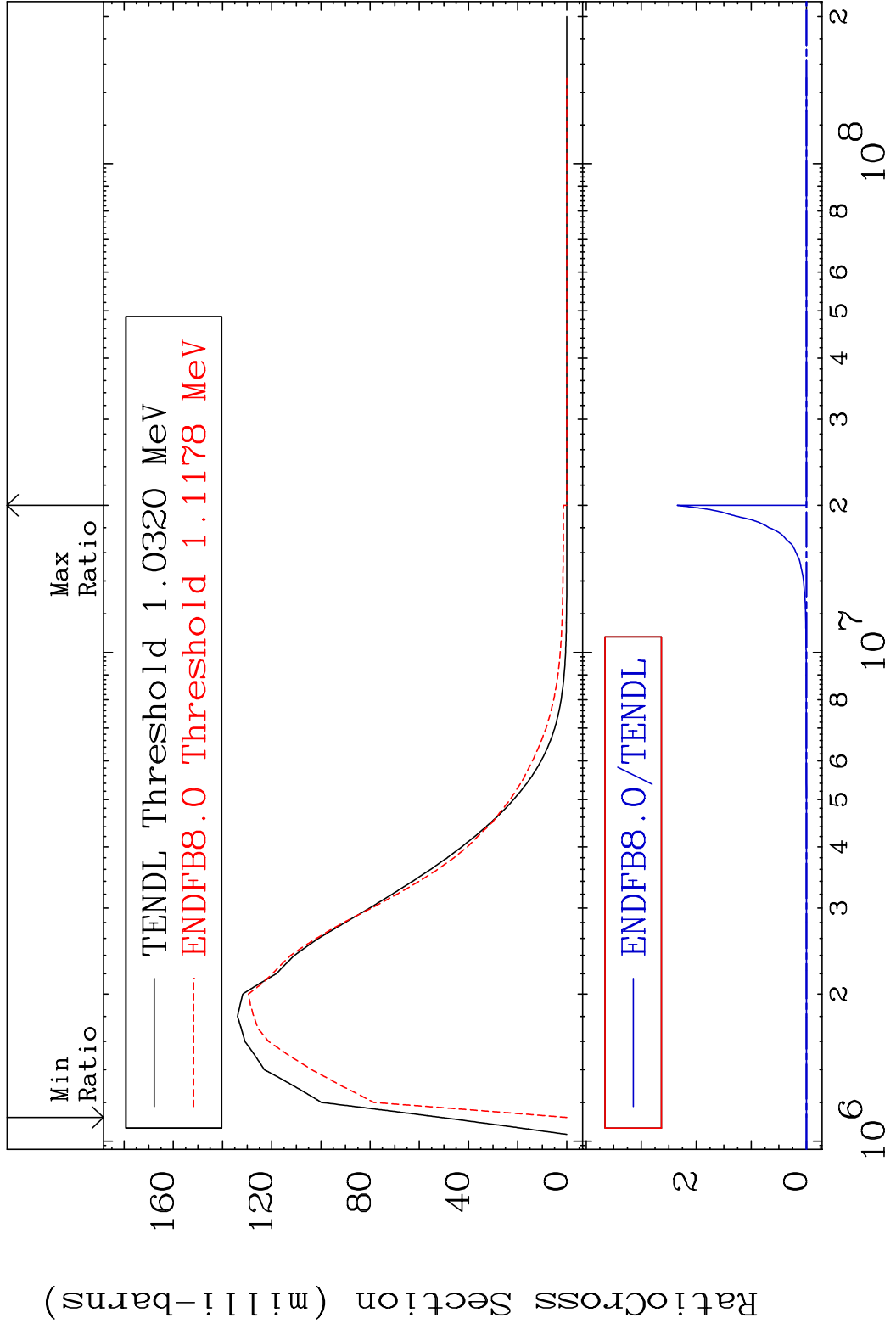
13 Incident Energy (eV) 28-Ni-61

MAT 2834 MT= 55 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 9999. %



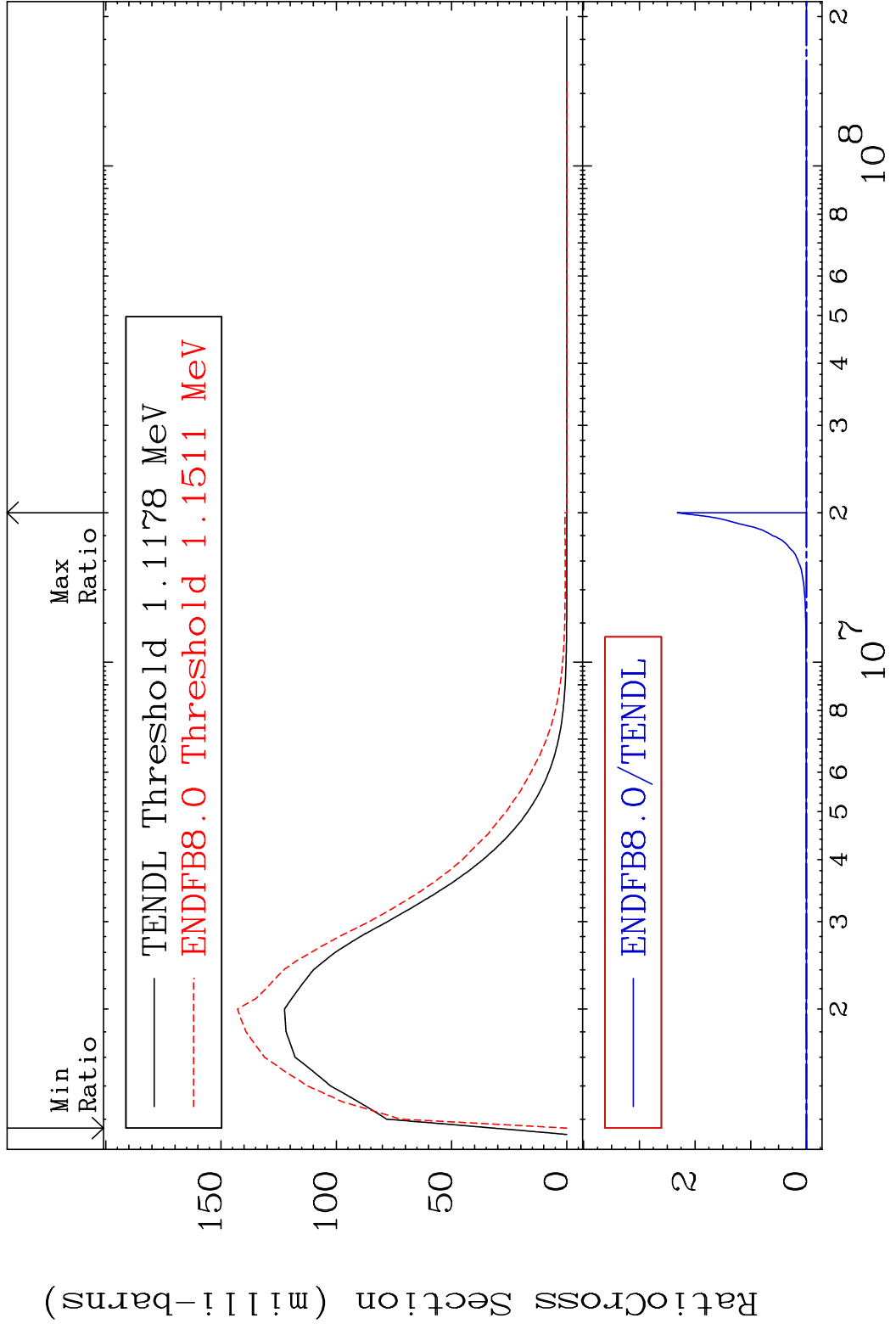
14 28-Ni-61

MAT 2834 MT= 56 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 9999. %

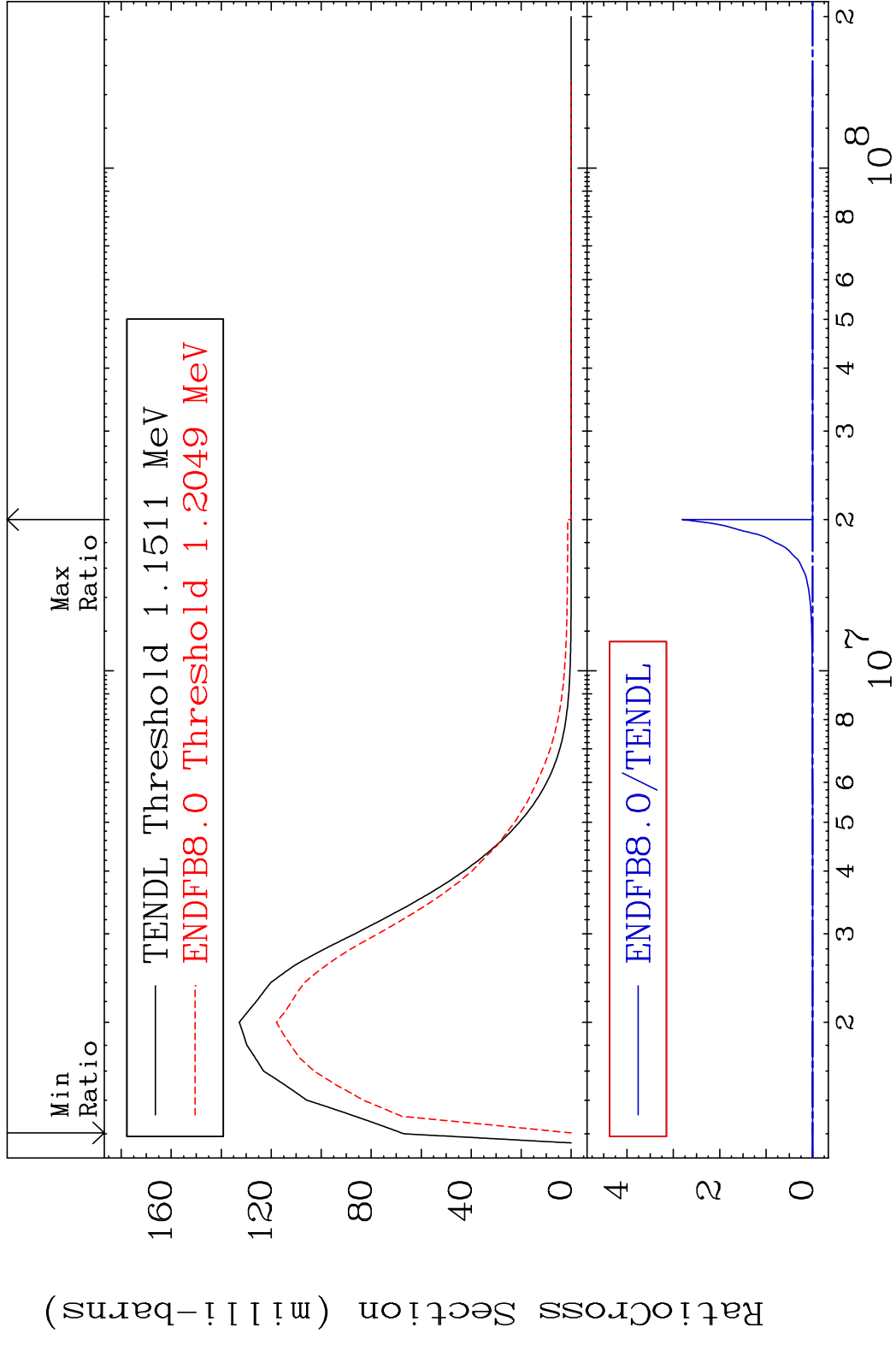


15 Incident Energy (eV) 28-Ni-61

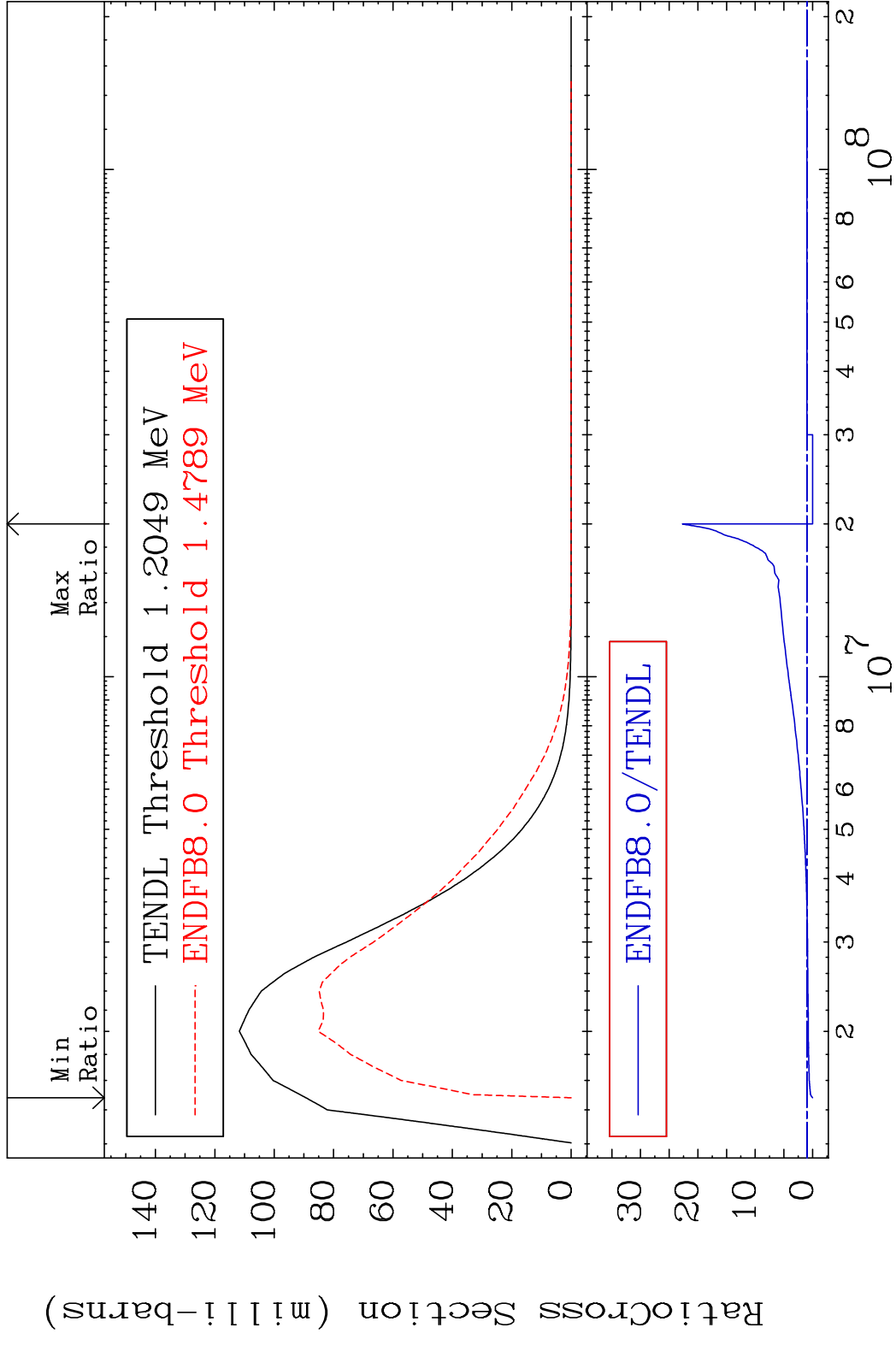
MAT 2834 MT= 57 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 9999. %



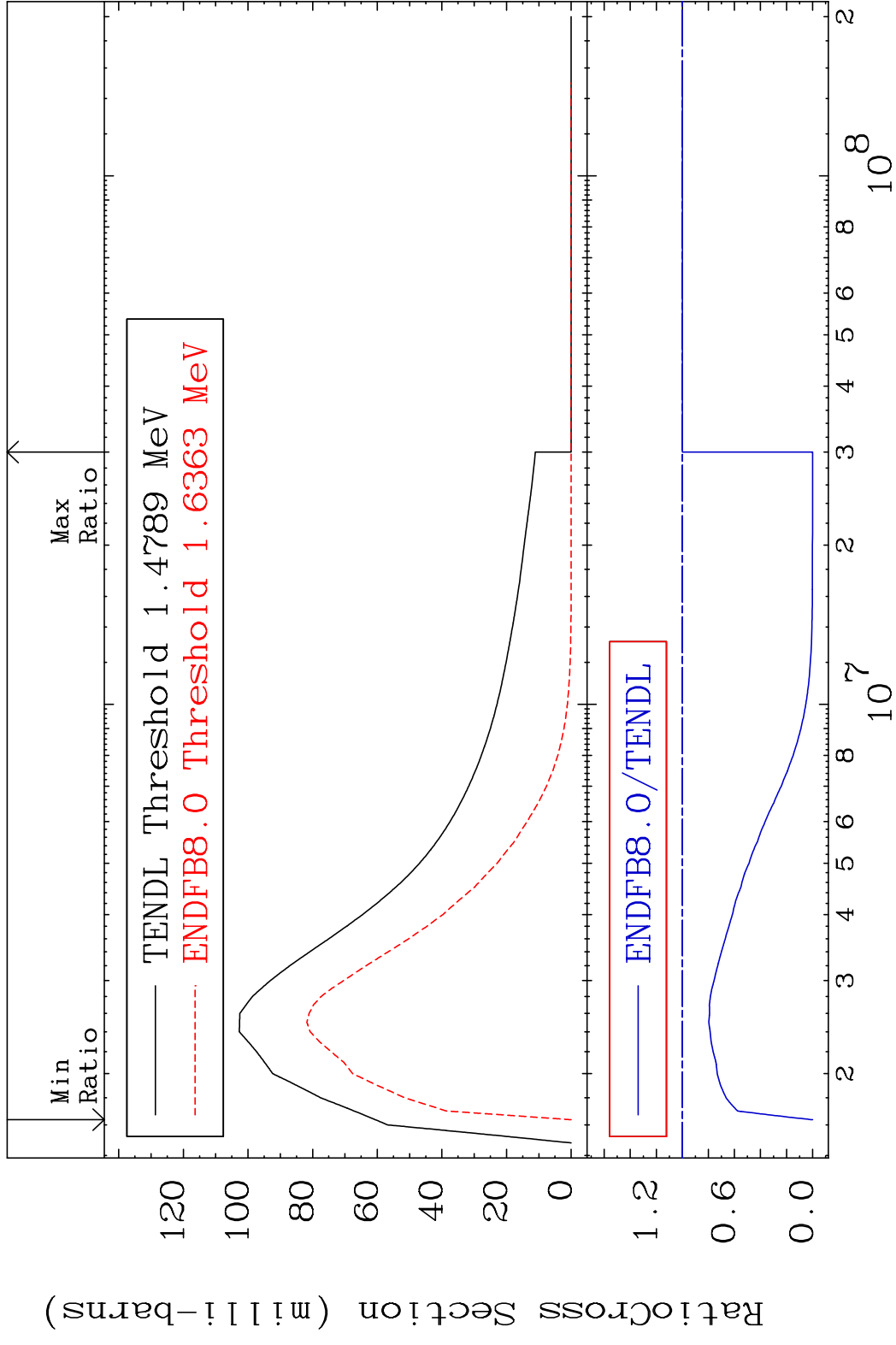
MAT 2834 MT= 58 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 9999. %



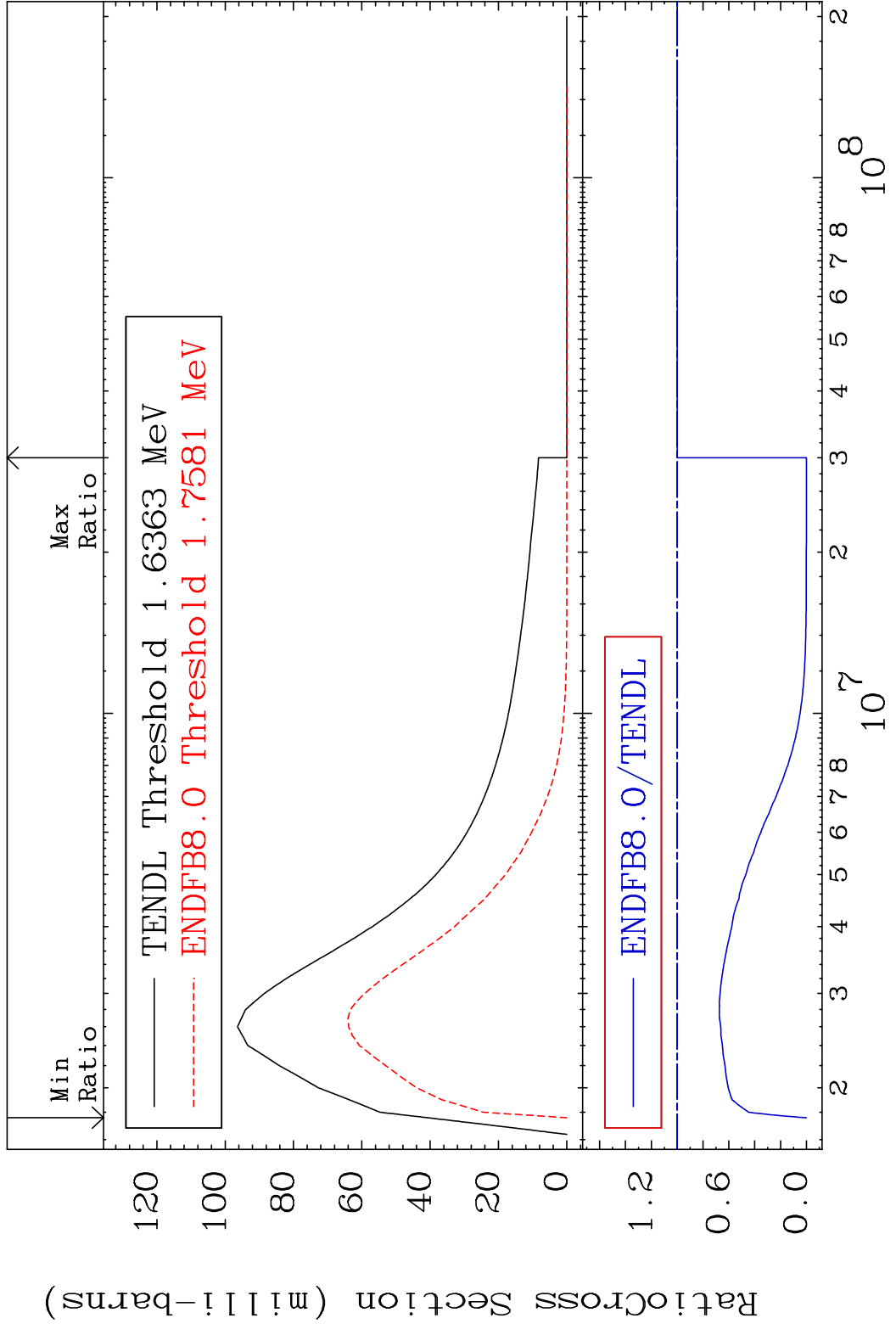
MAT 2834 MT= 59 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 2170. %



MAT 2834 MT= 60 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 0.000 %

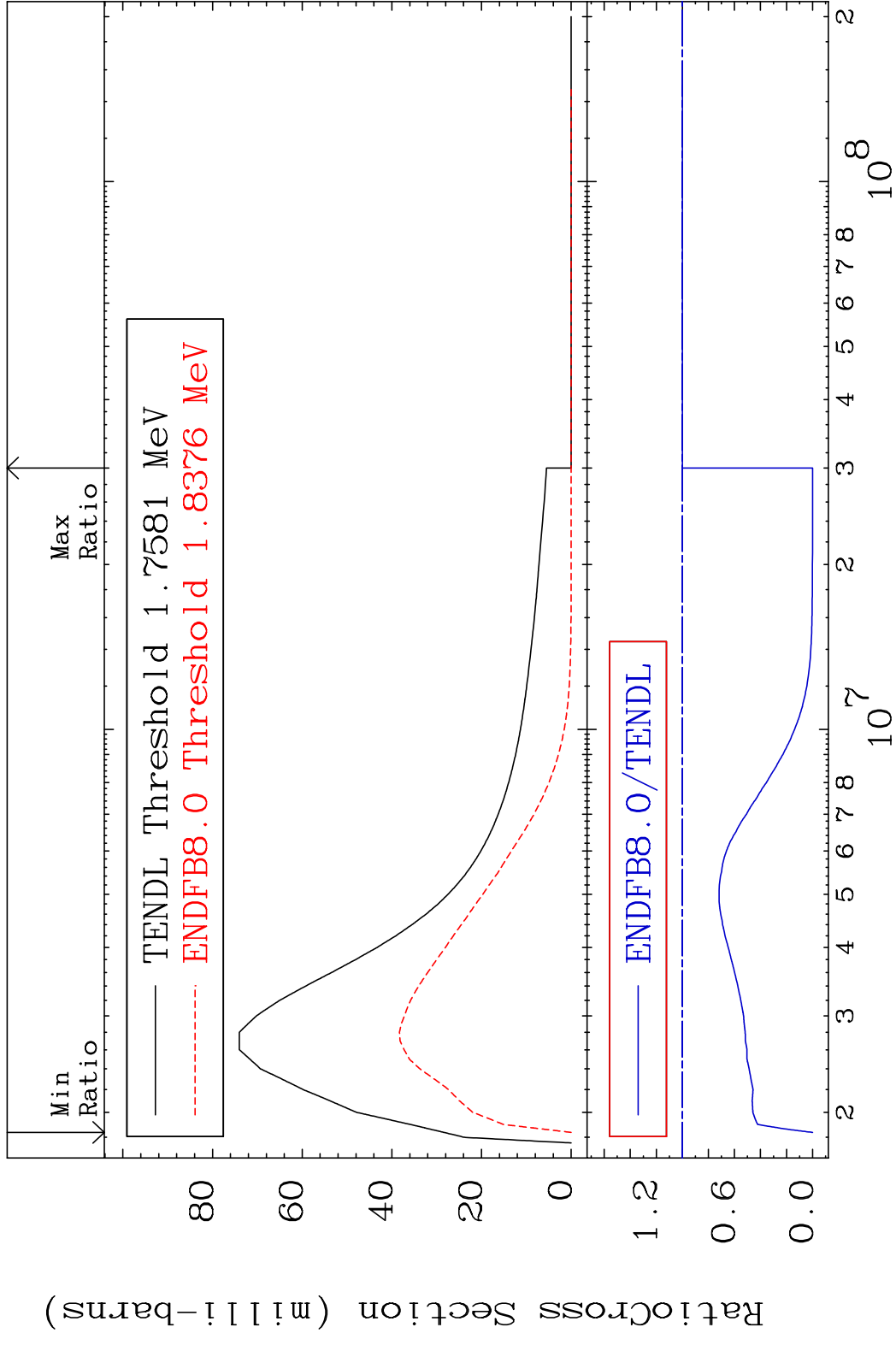


MAT 2834 MT= 61 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 0.000 %

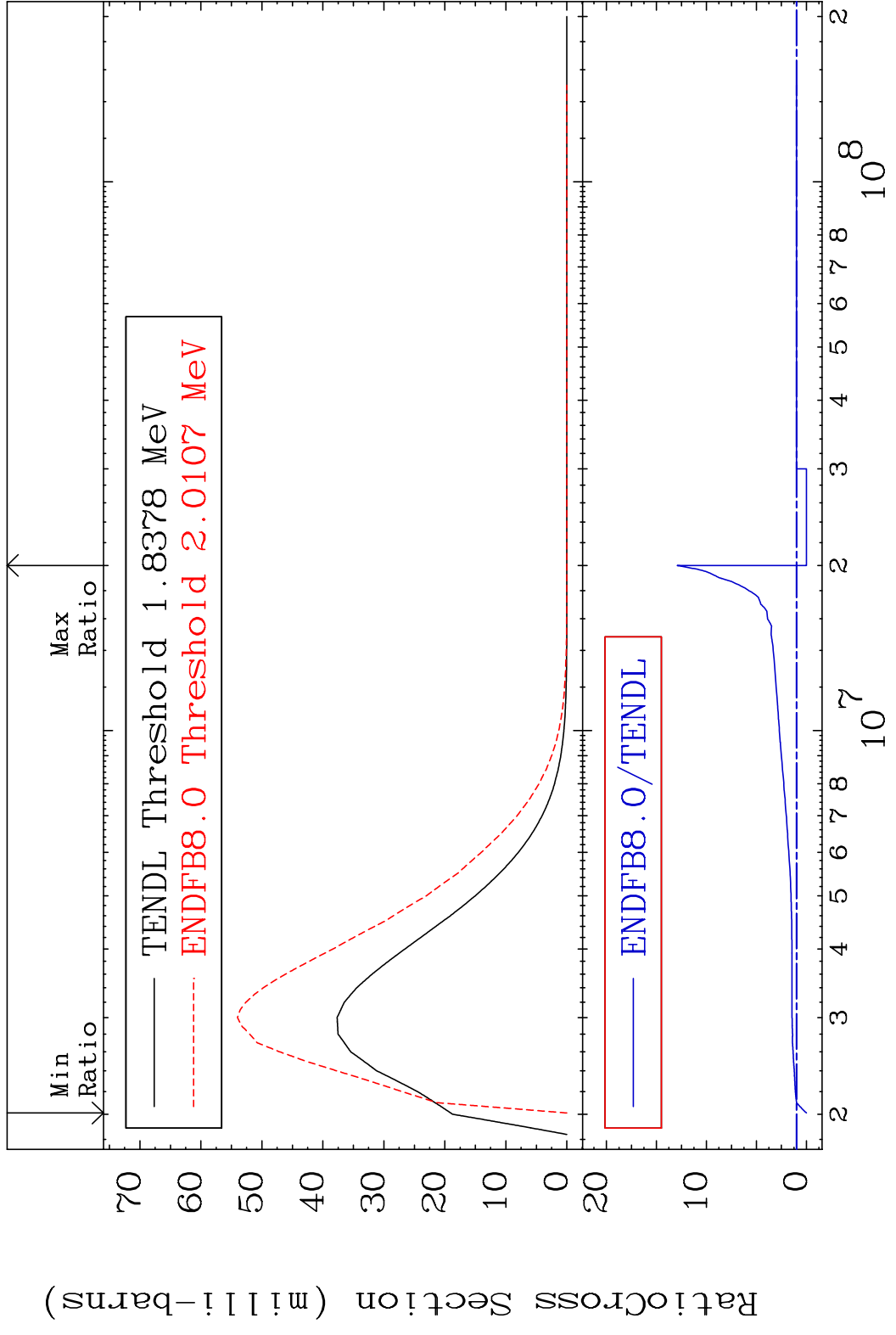


20 Incident Energy (eV) 28-Ni-61

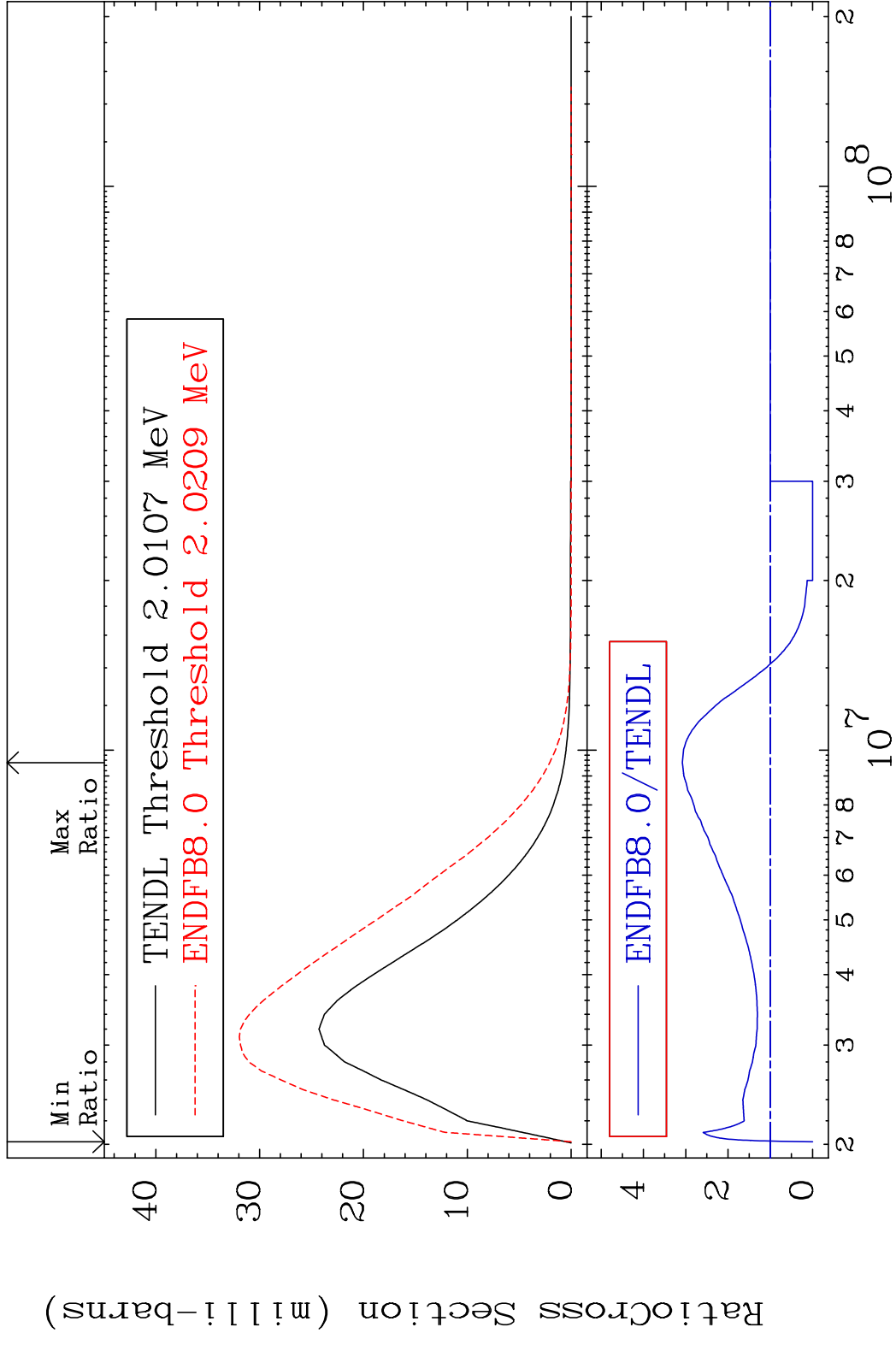
MAT 2834 MT= 62 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 0.000 %



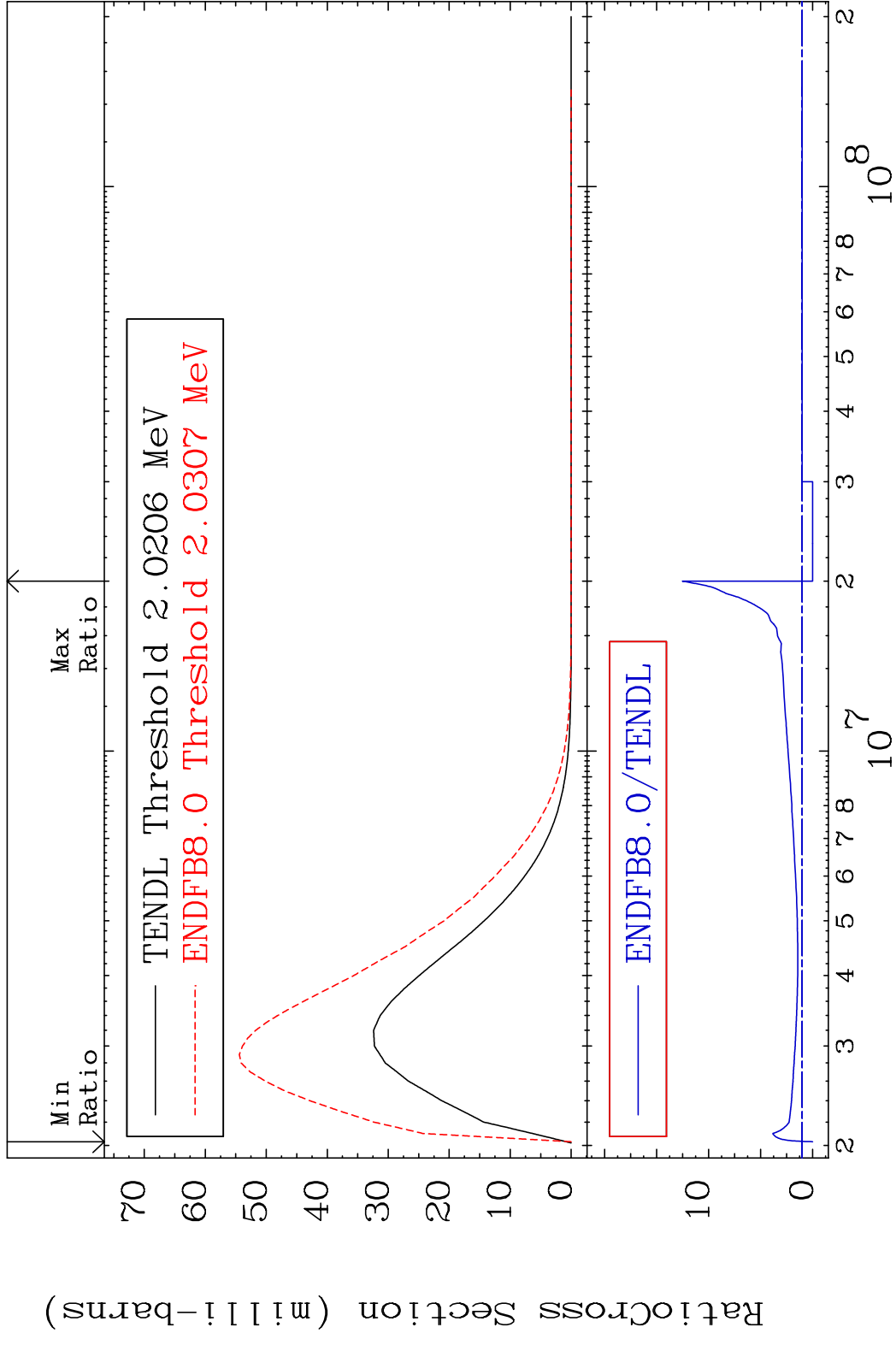
MAT 2834 MT= 63 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1193. %



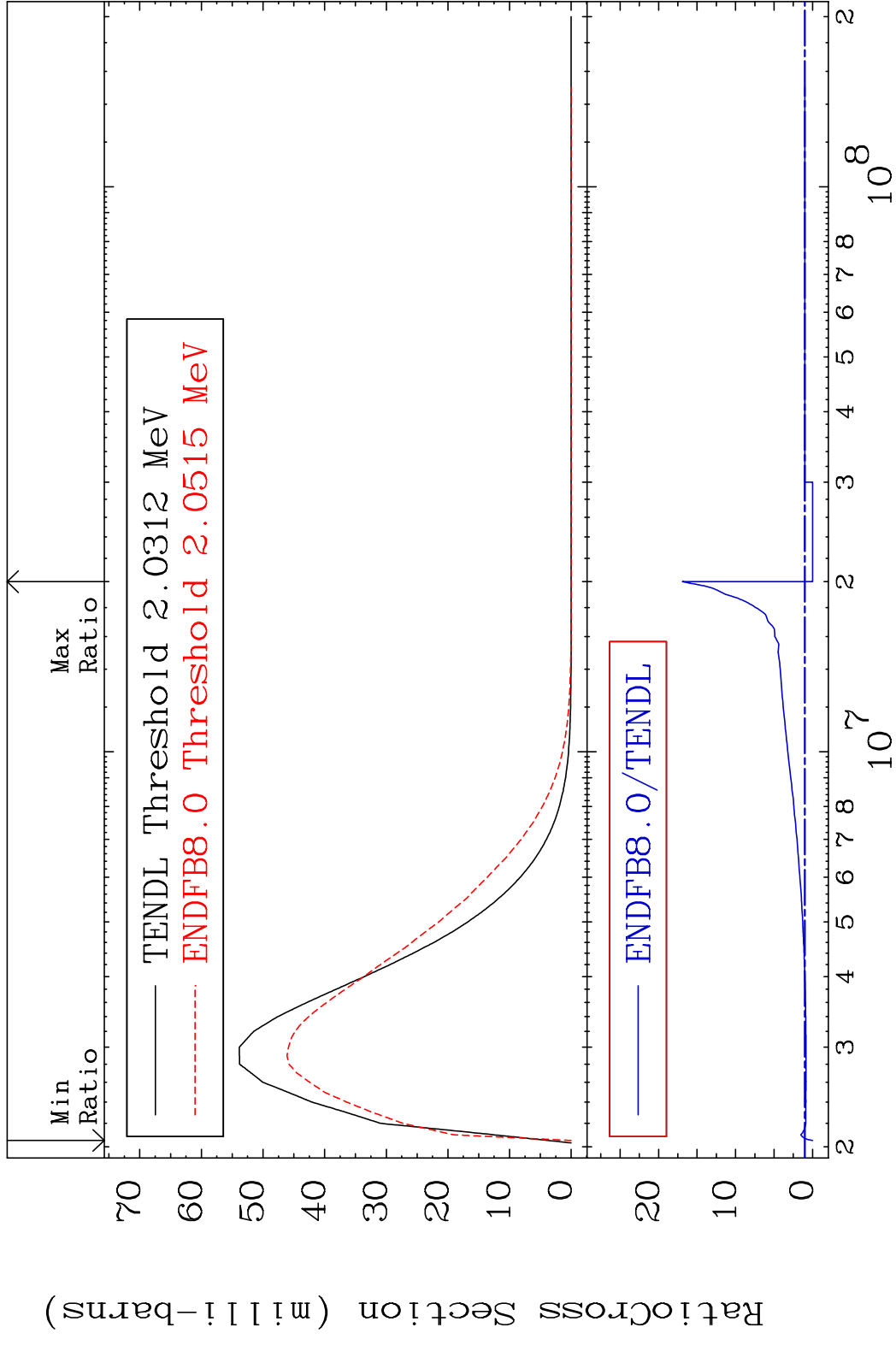
MAT 2834 MT= 64 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 208.0 %



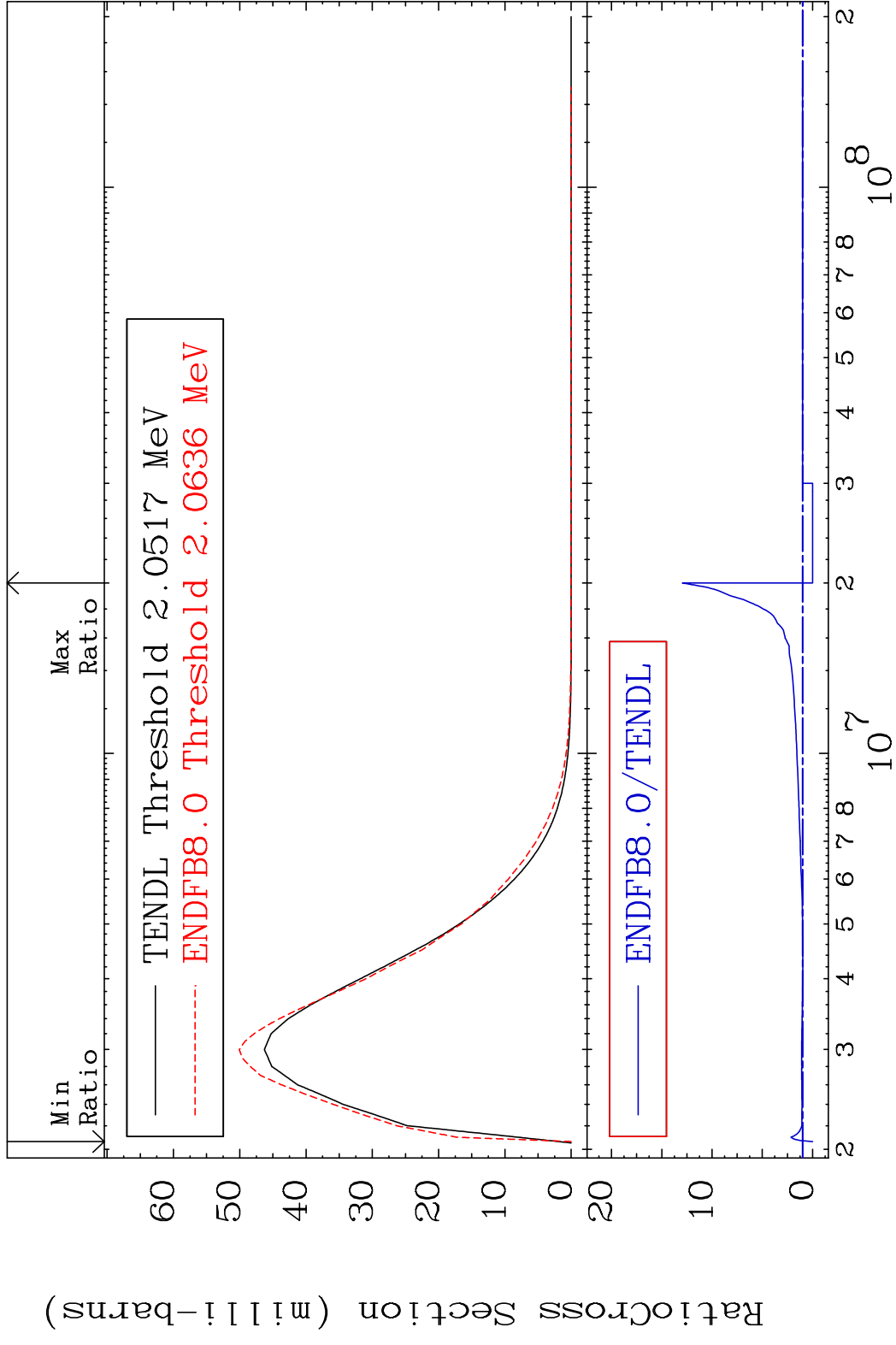
MAT 2834 MT= 65 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1152. %



MAT 2834 MT= 66 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1591. %

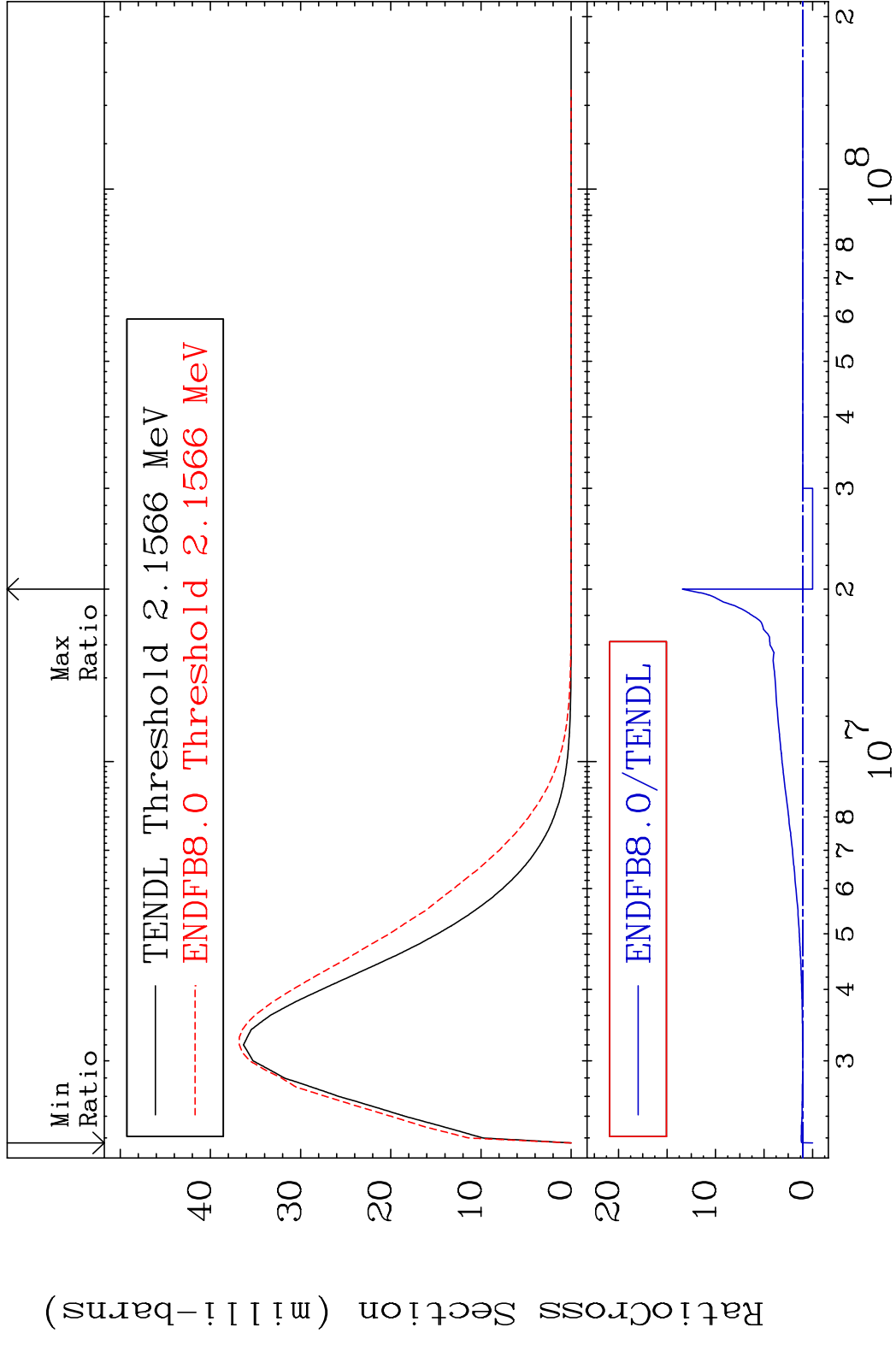


MAT 2834 MT= 67 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1195. %

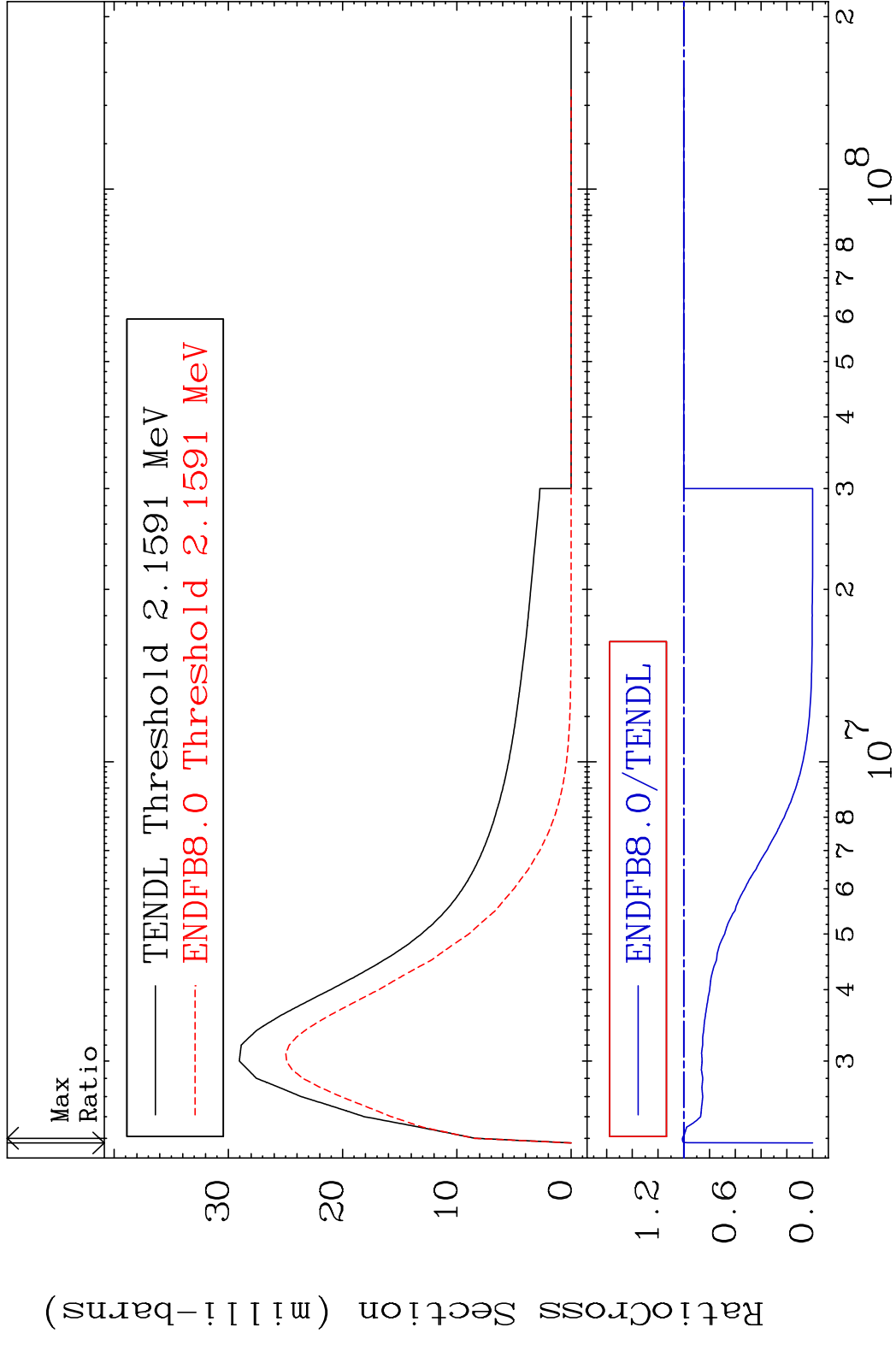


26 Incident Energy (eV) 28-Ni-61

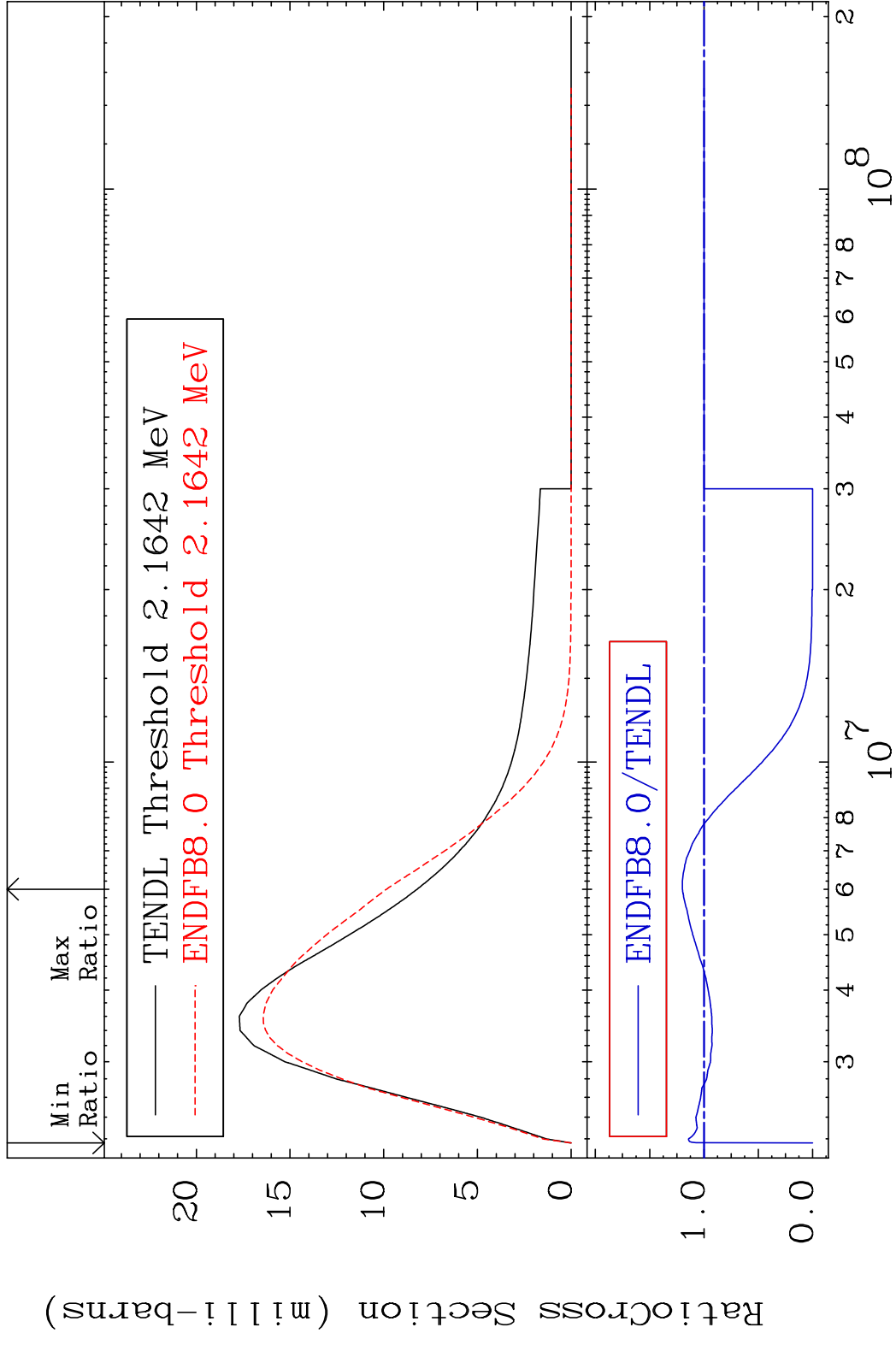
MAT 2834 MT= 68 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1242. %



MAT 2834 MT= 69 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 1.142 %

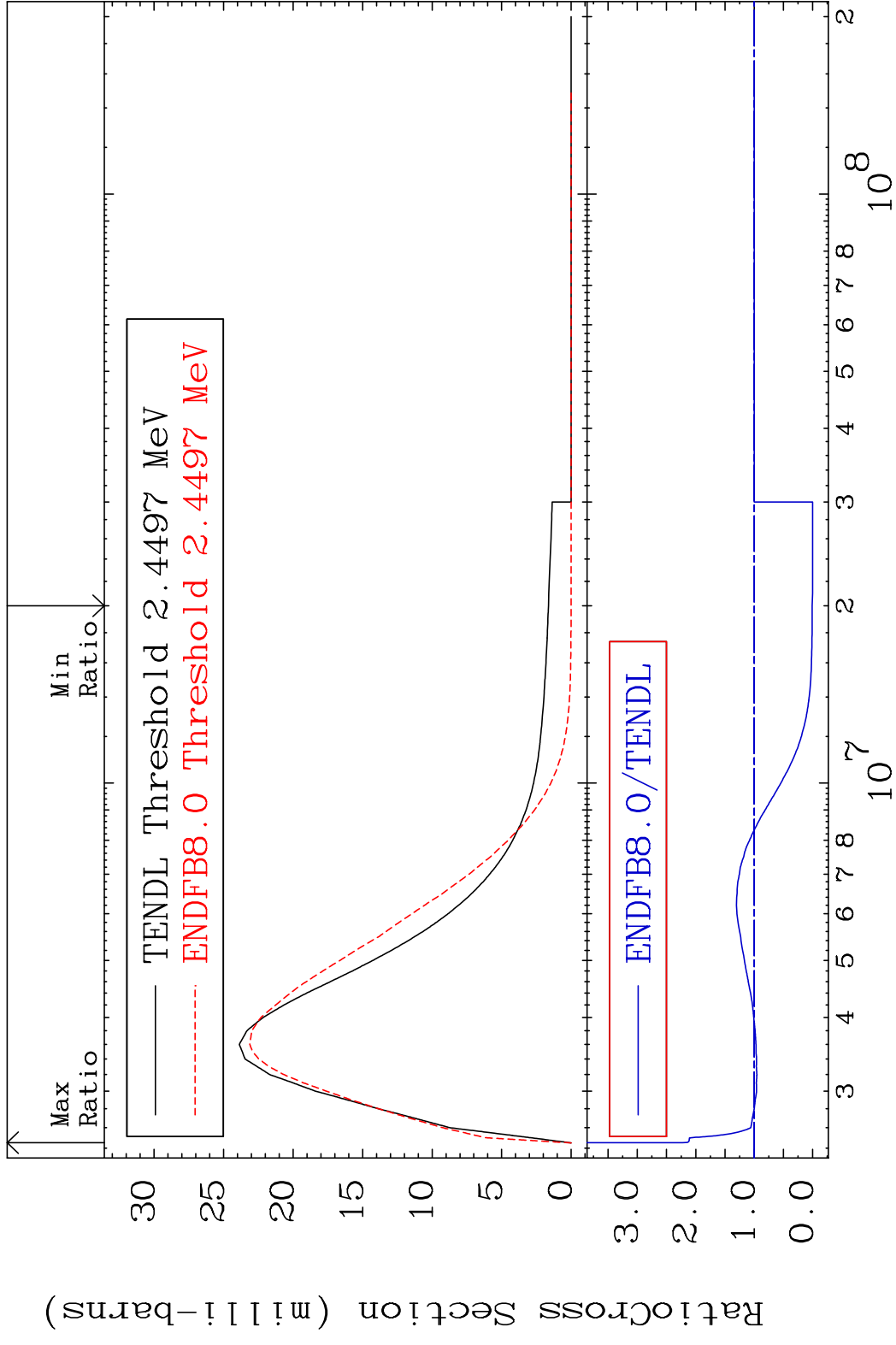


MAT 2834 MT= 70 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 19.90 %



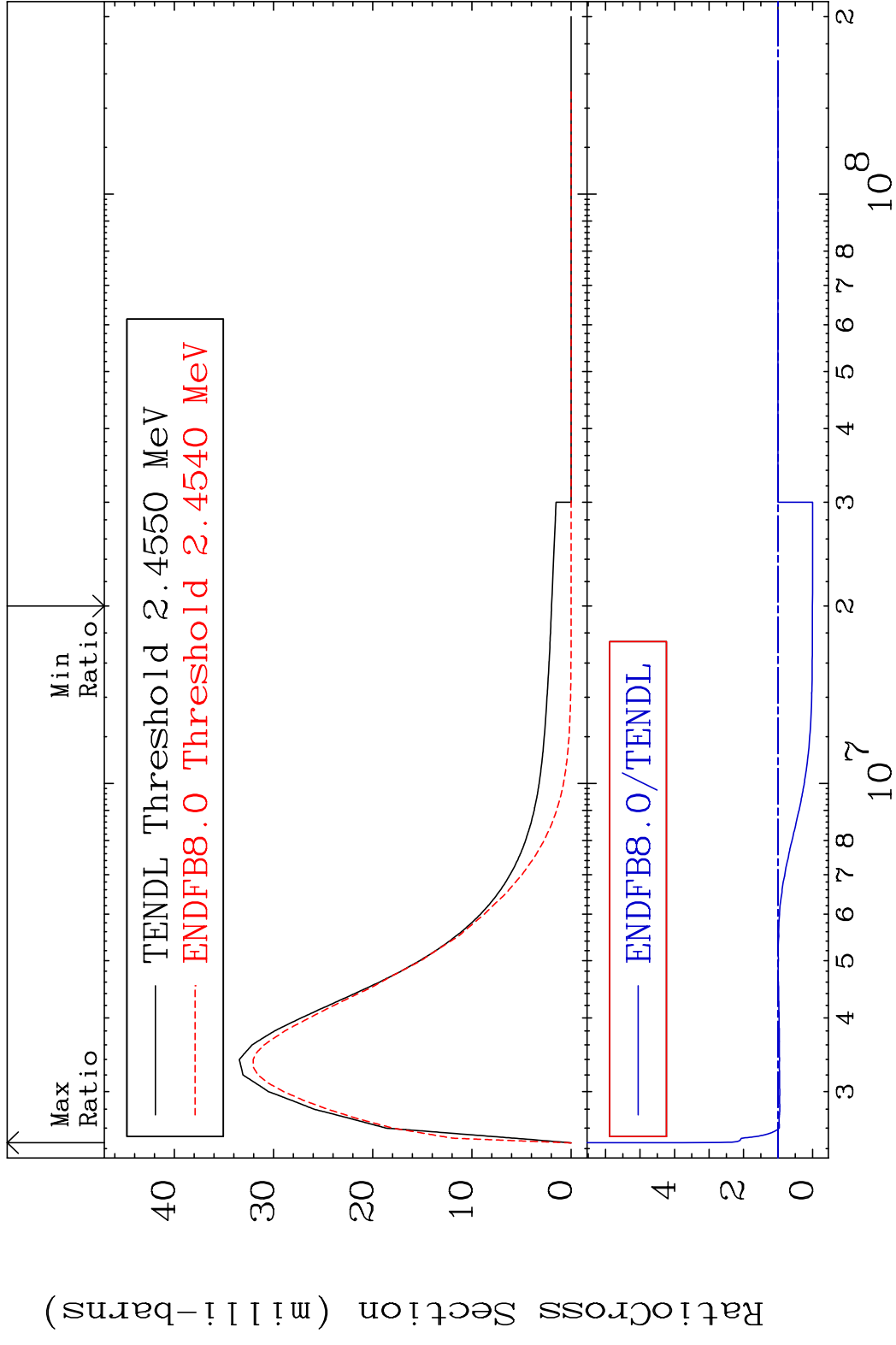
29 Incident Energy (eV) 28-Ni-61

MAT 2834 MT= 71 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 122.9 %

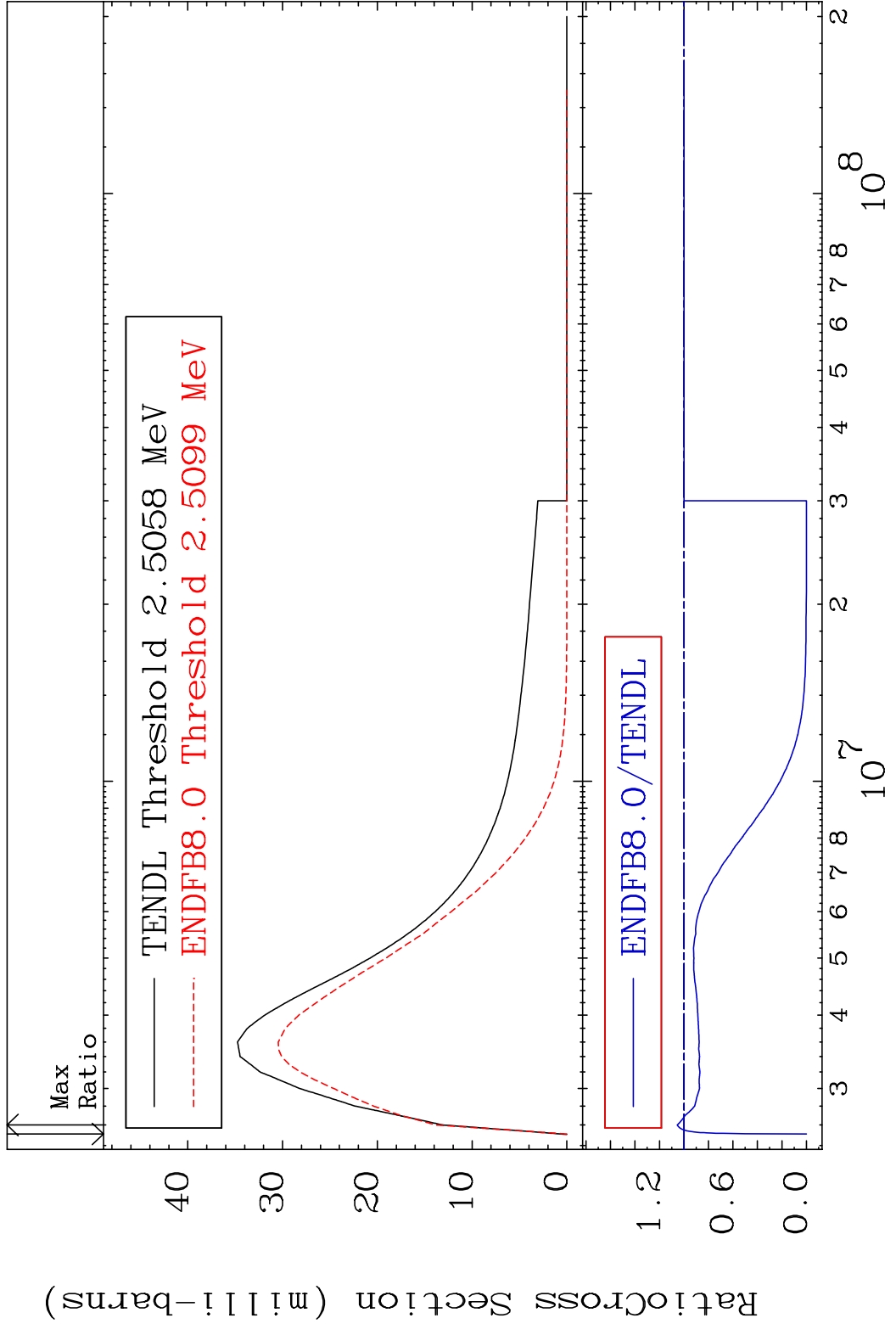


30 28-Ni-61

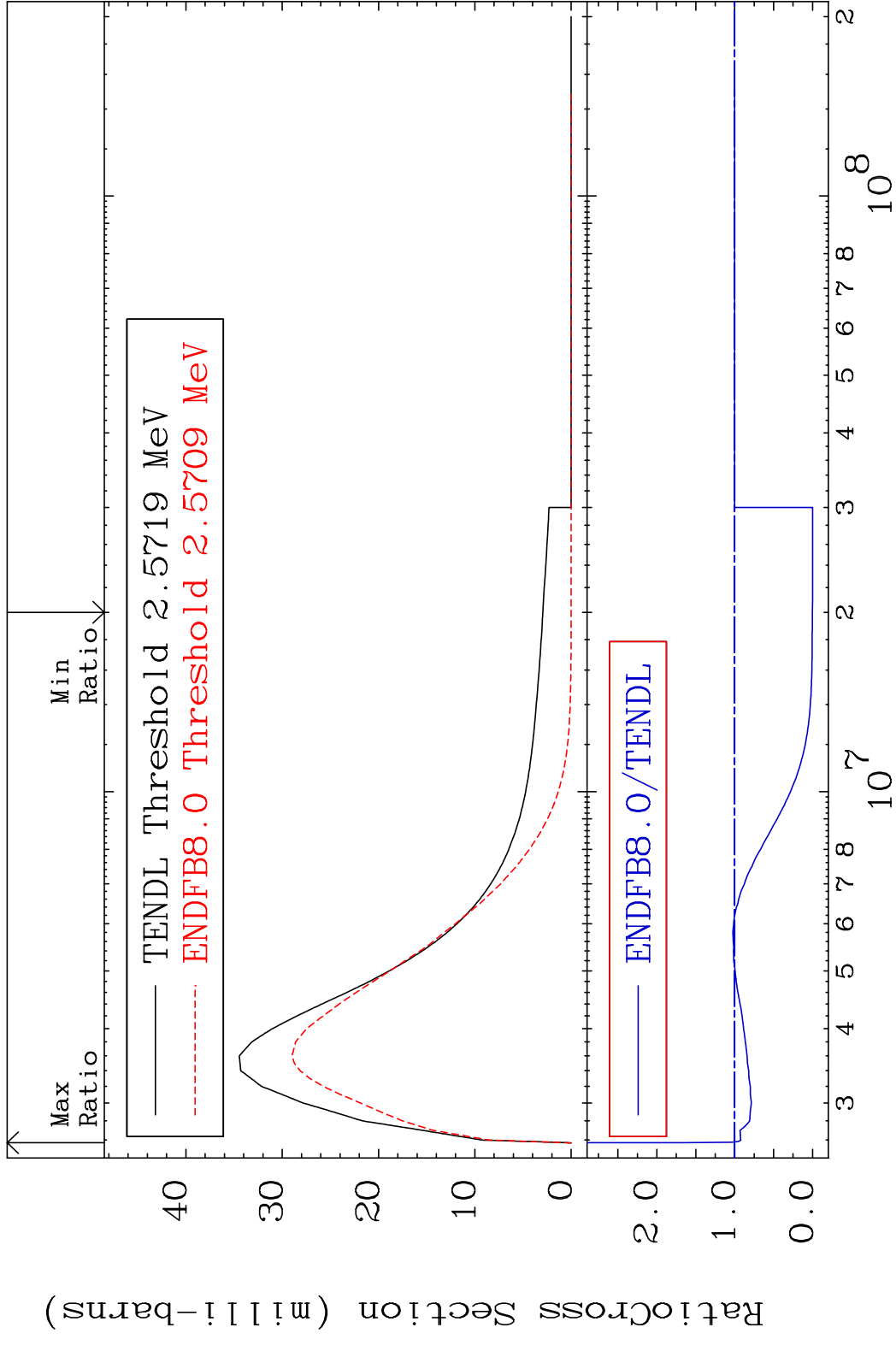
MAT 2834 MT= 72 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 277.3 %



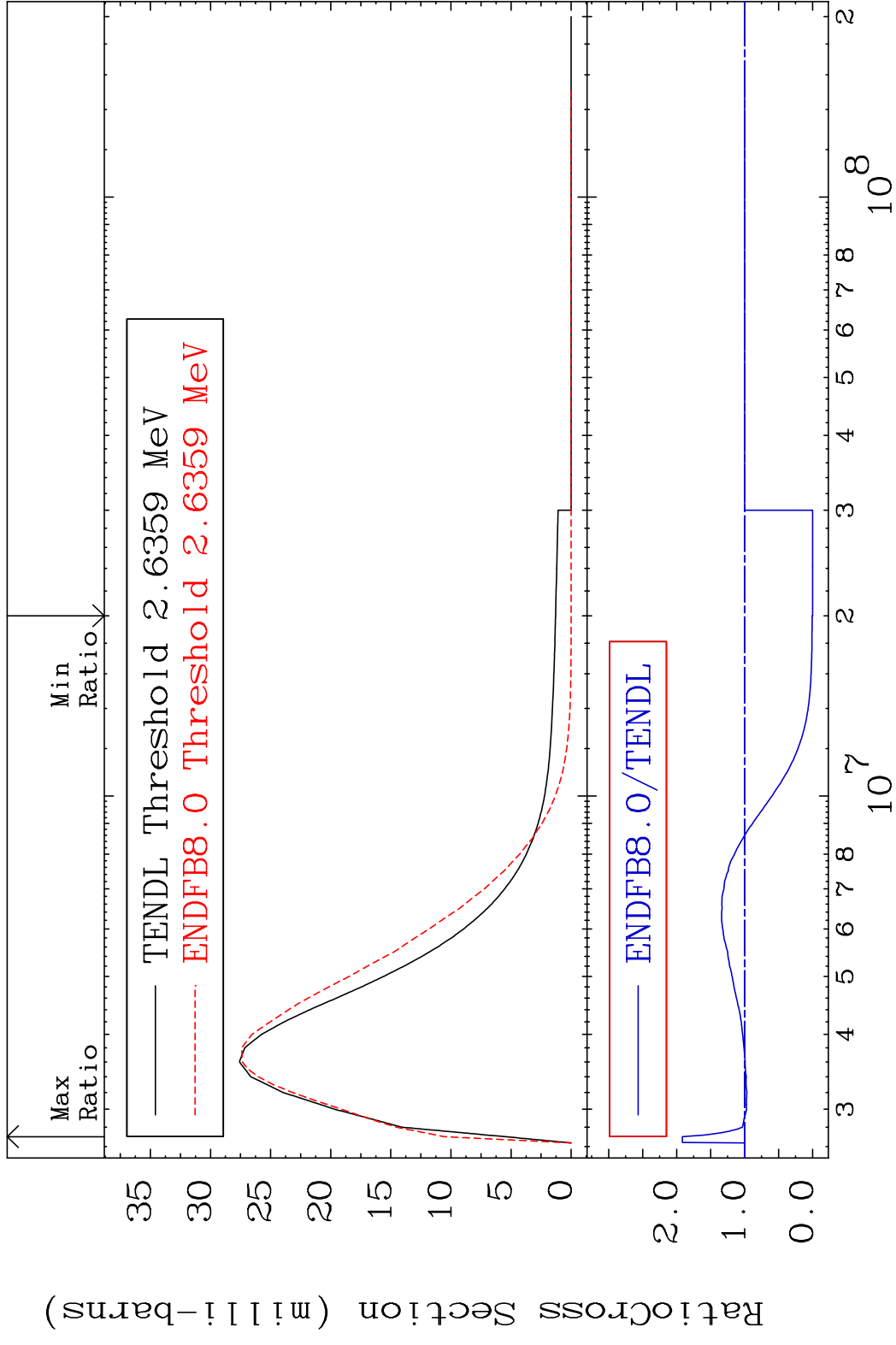
MAT 2834 MT= 73 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 5.531 %



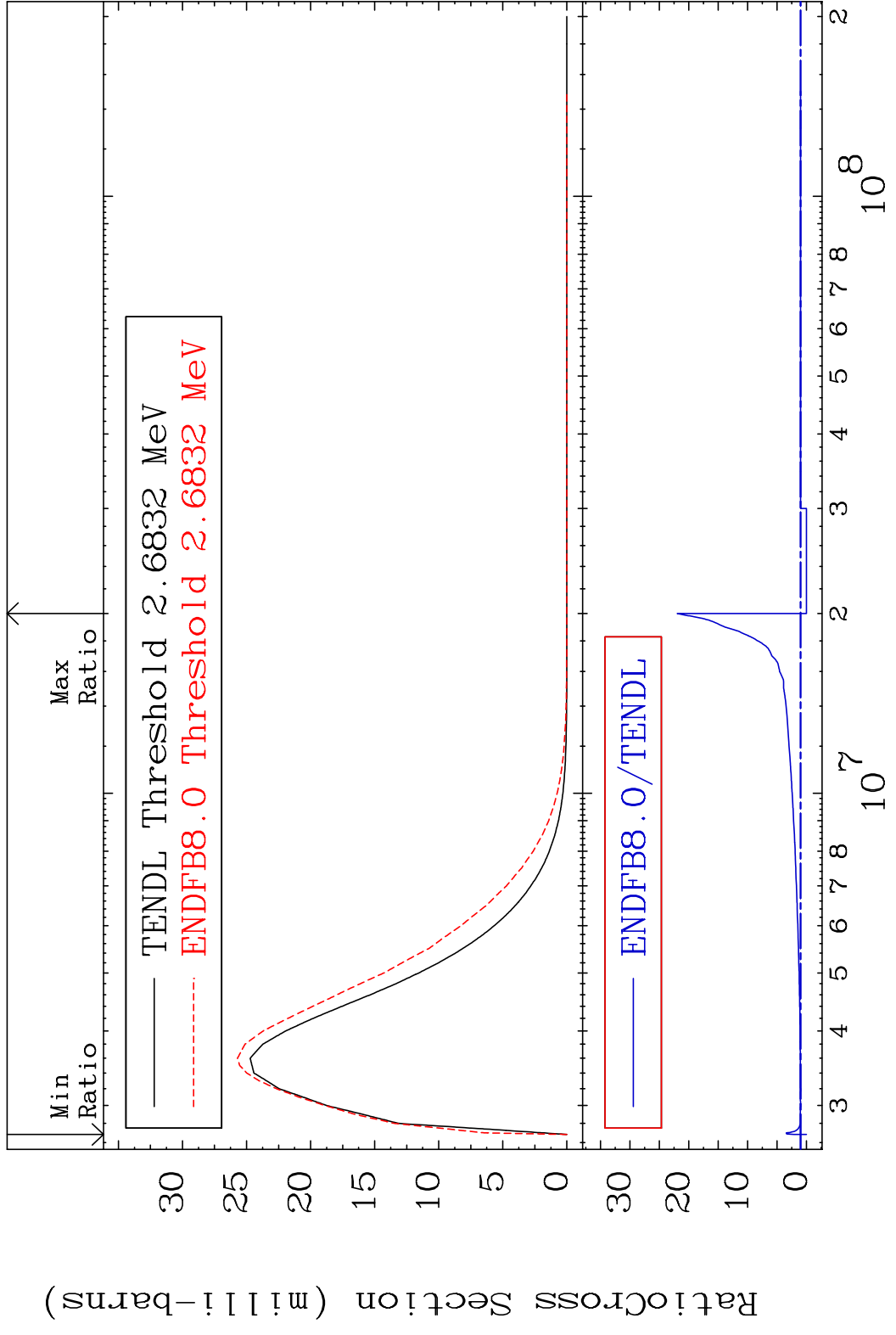
MAT 2834 MT= 74 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 67.22 %



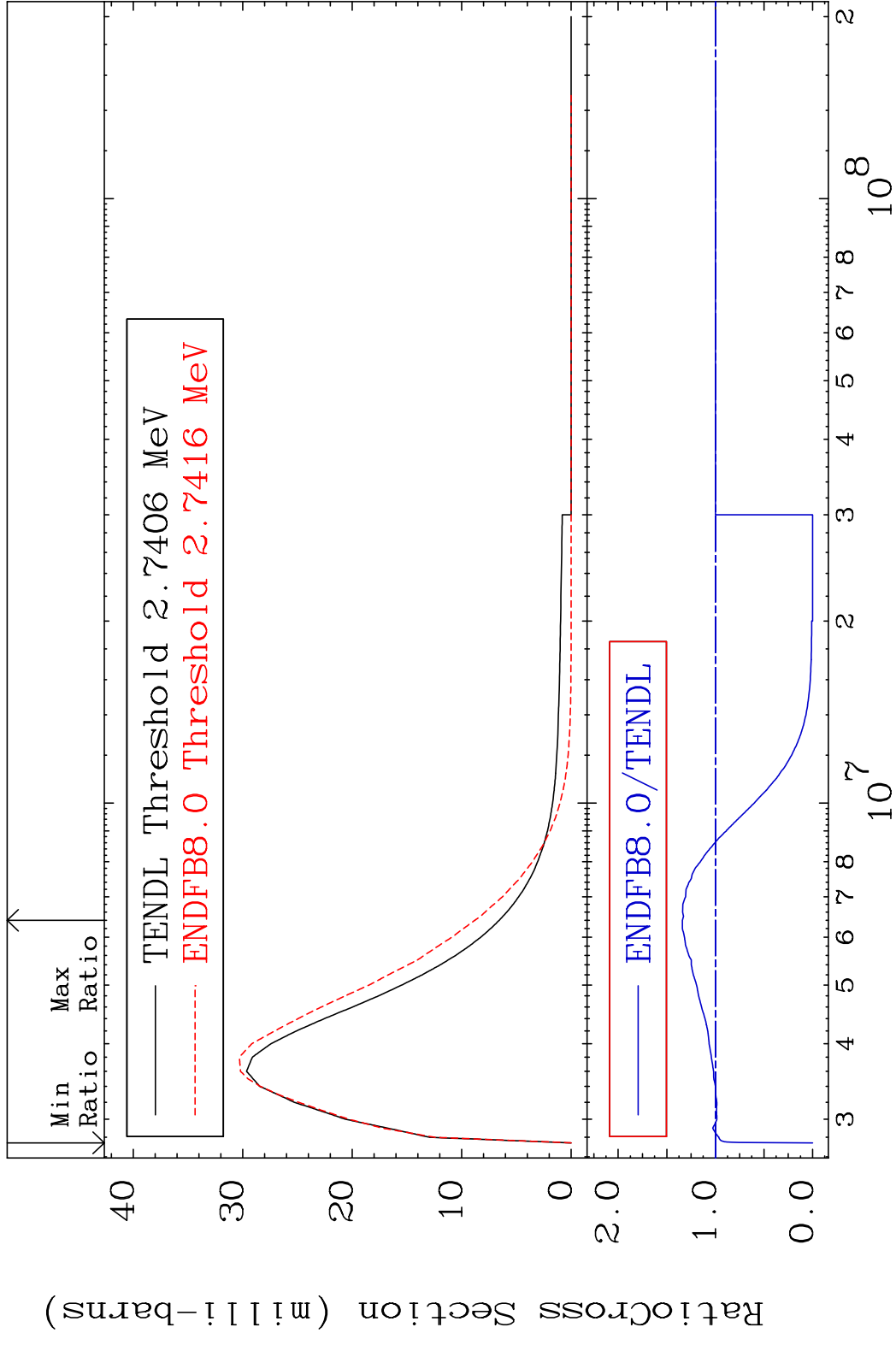
MAT 2834 MT= 75 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 91.60 %



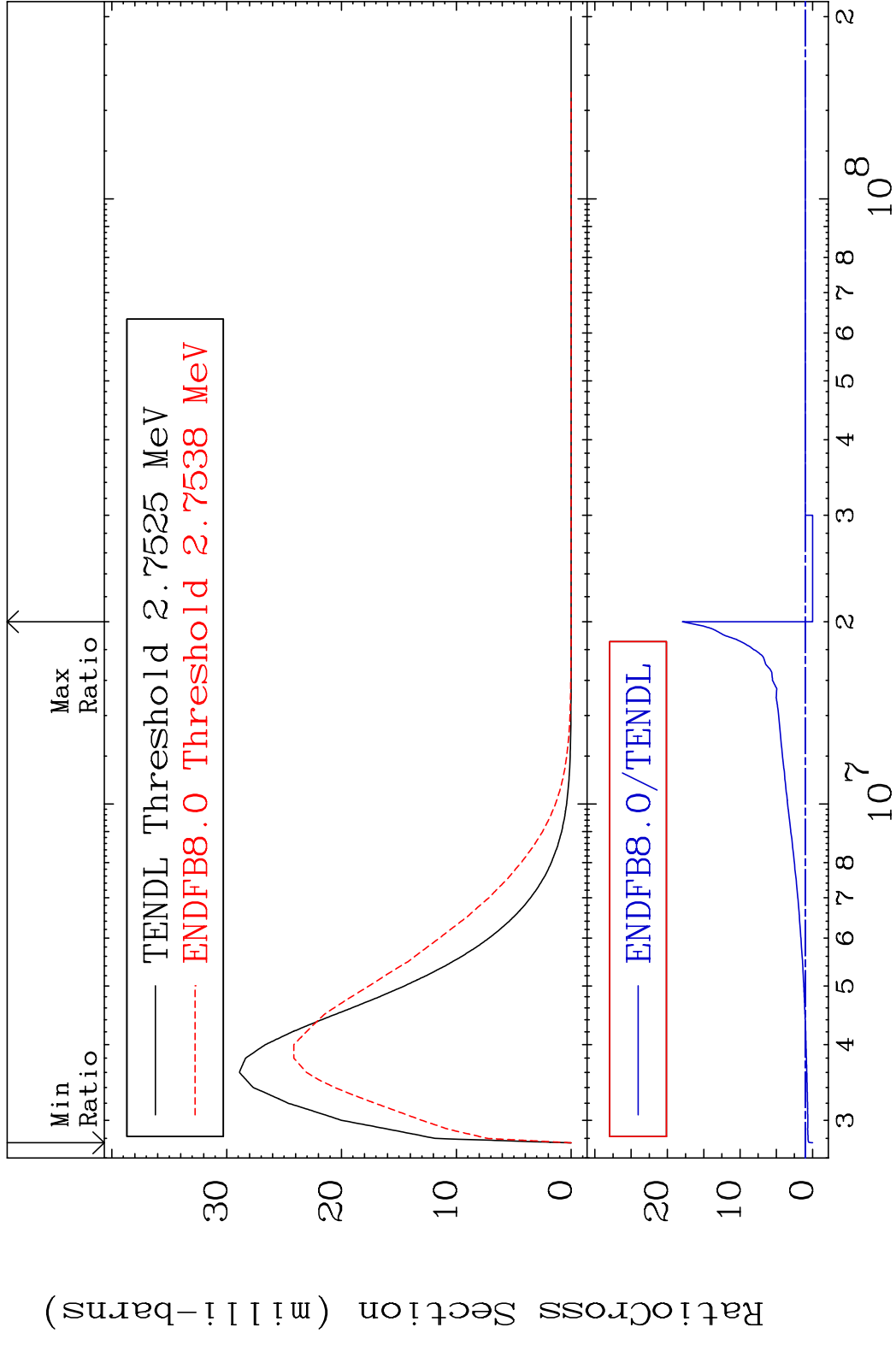
MAT 2834 MT= 76 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 2097. %



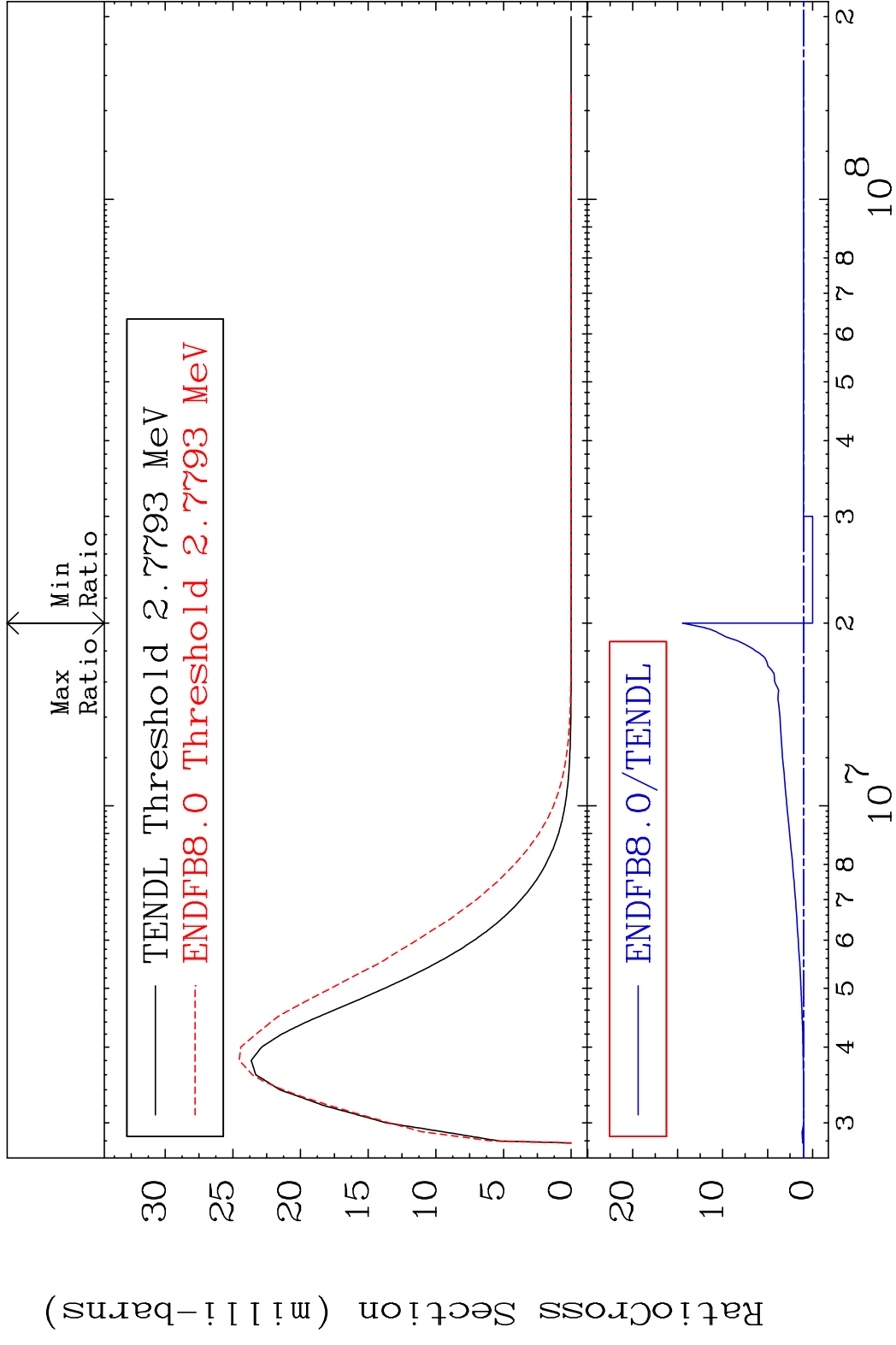
MAT 2834 MT= 77 (n,n') Level 28-Ni-61  
 Cross Section -100.0 To 33.97 %



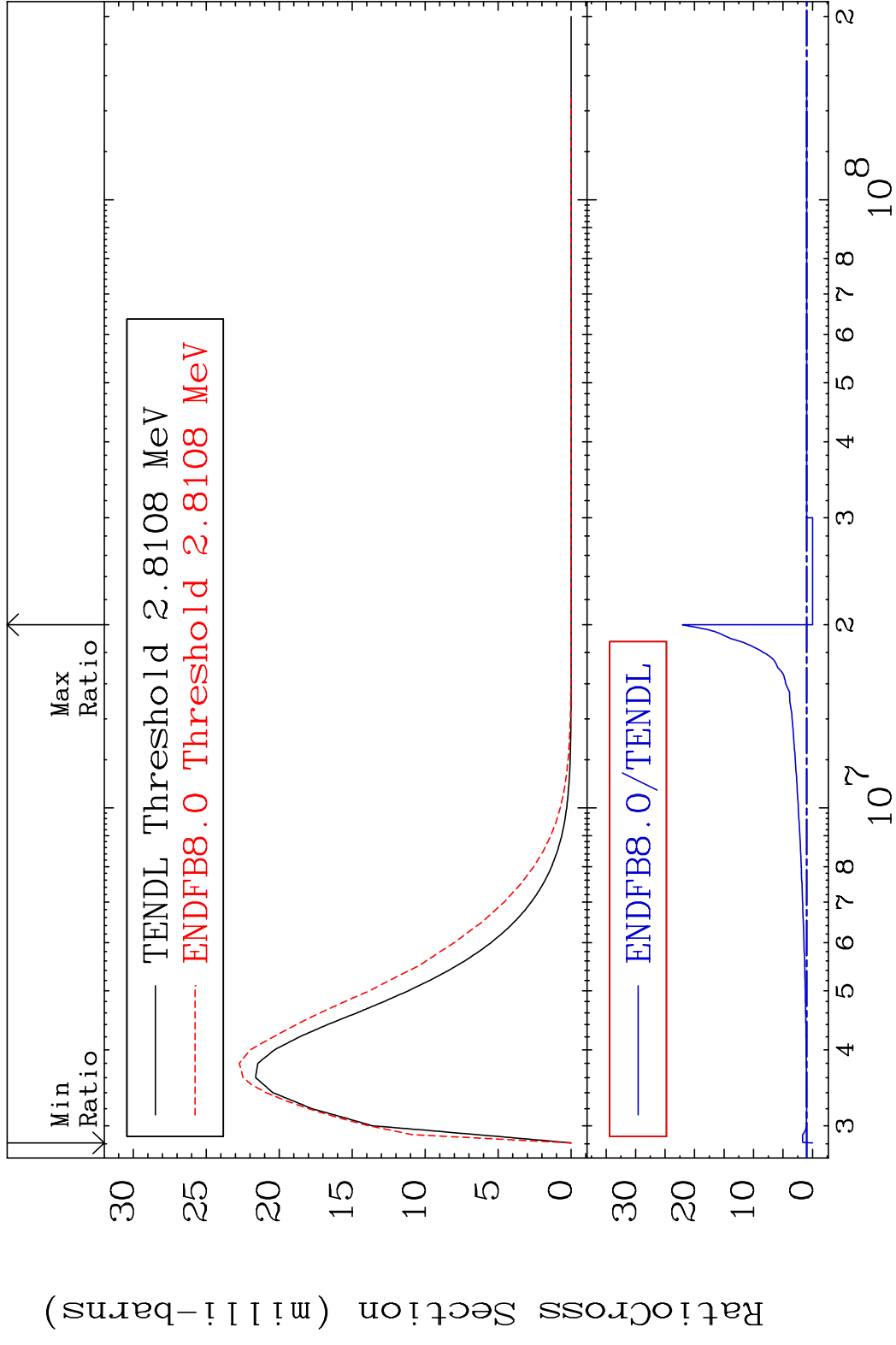
MAT 2834 MT= 78 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1694. %



MAT 2834 MT= 79 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 1348. %

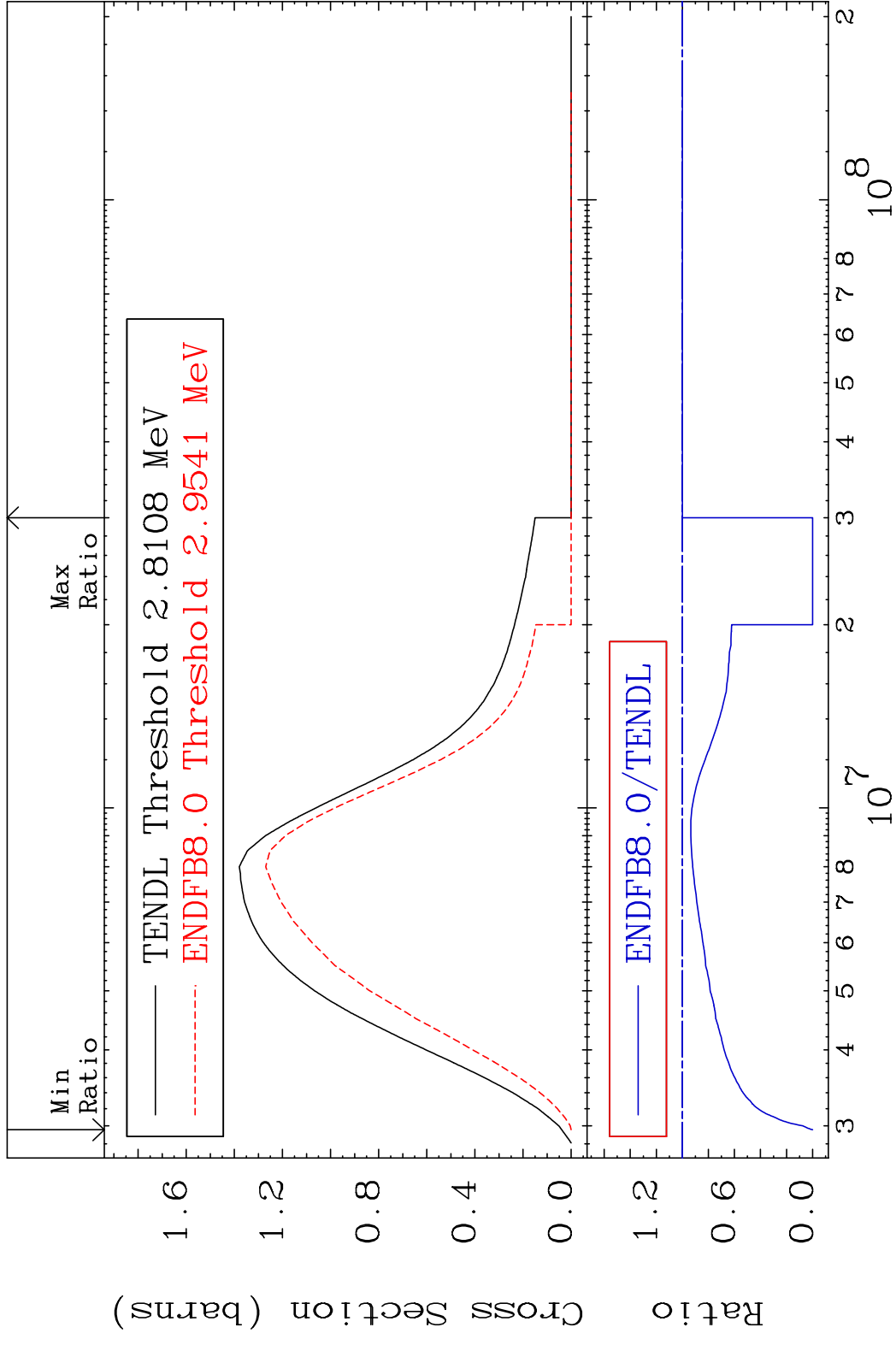


MAT 2834 MT= 80 (n, n') Level 28-Ni-61  
 Cross Section -100.0 To 2107. %



39 Incident Energy (eV) 28-Ni-61

MAT 2834 (n,n') Continuum 28-Ni-61  
 Cross Section -100.0 To 0.000 %



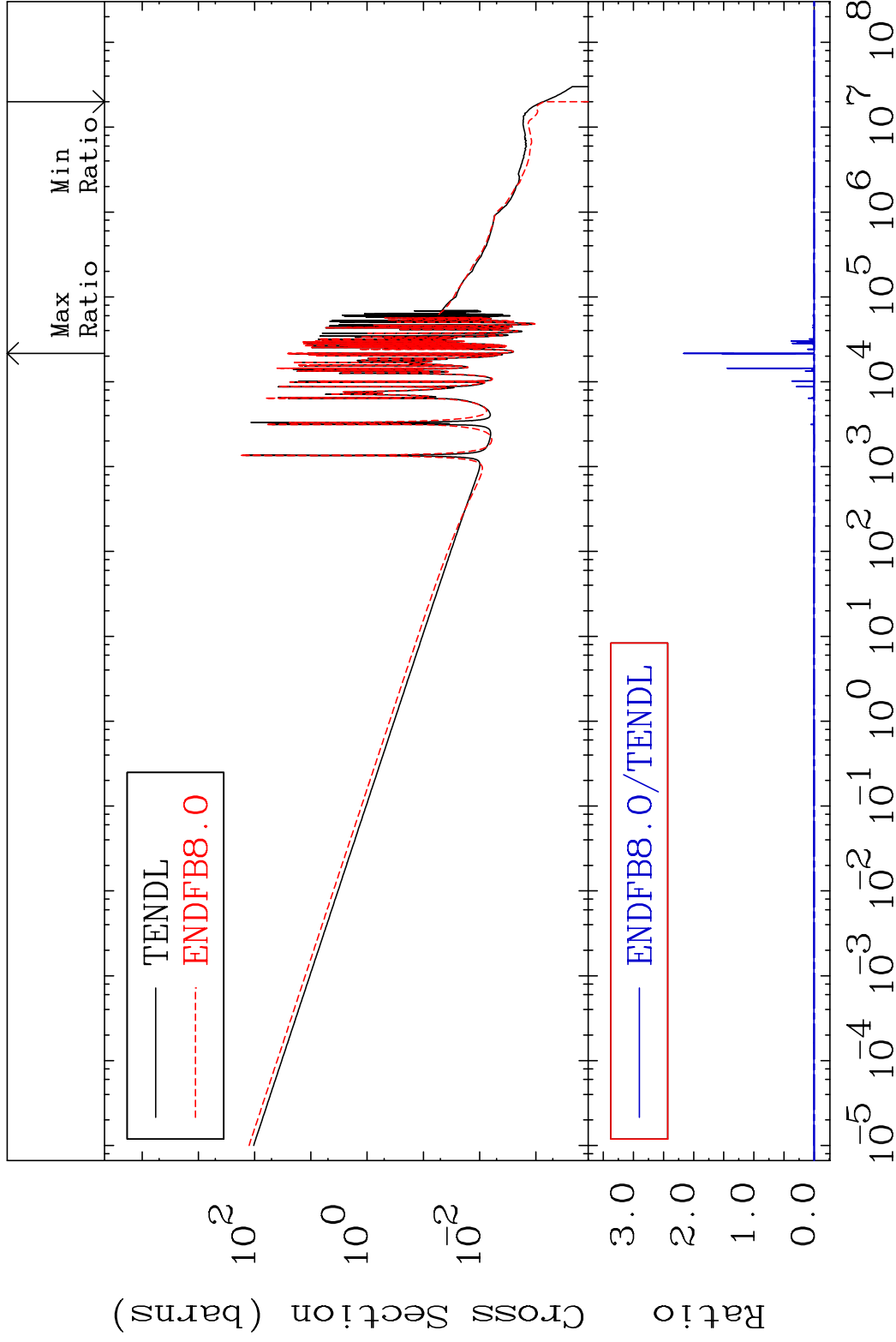
40 Incident Energy (eV) 28-Ni-61

MAT 2834

(n,  $\gamma$ )

28-Ni-61

Cross Section -100.0 To 9999. %

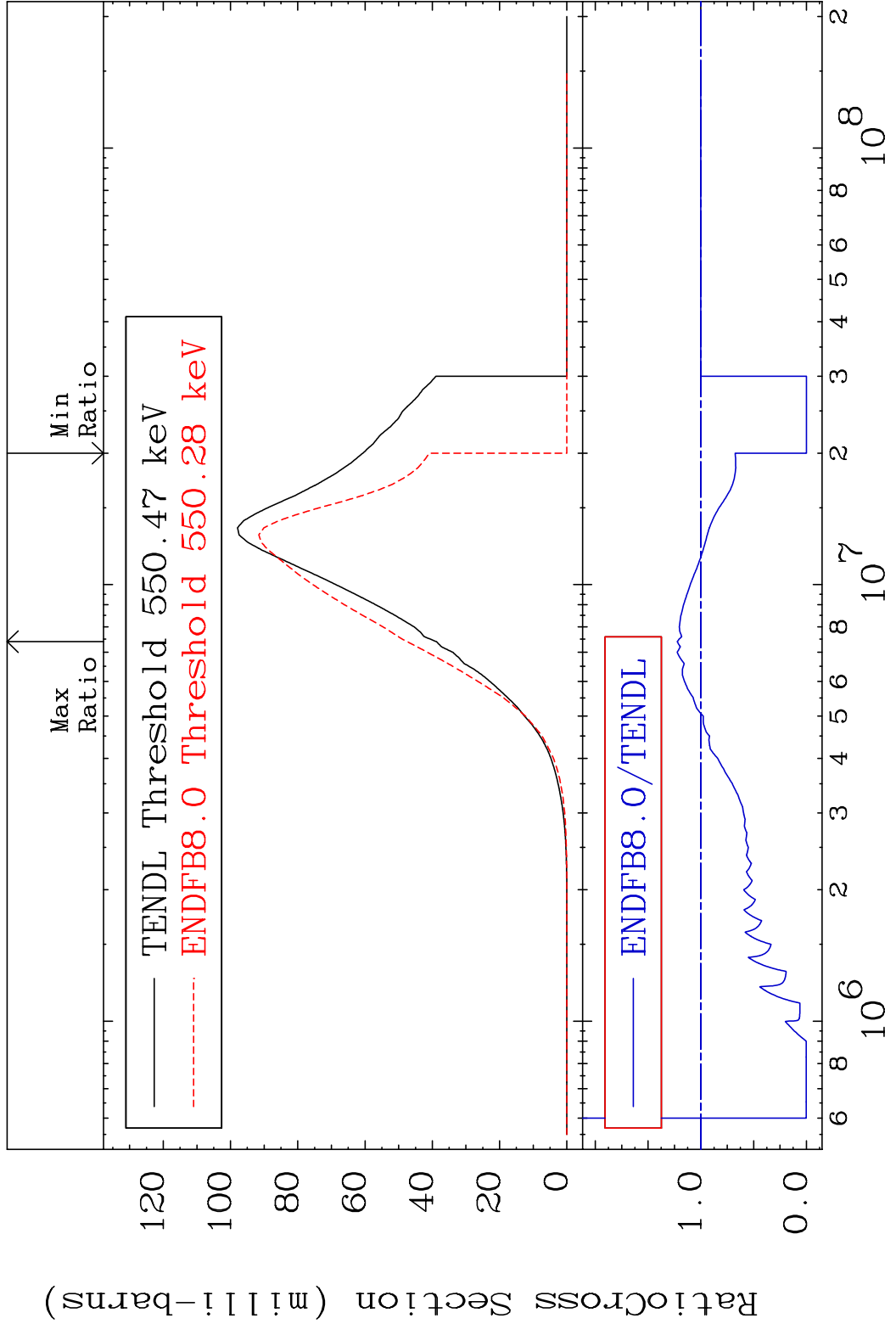


41

Incident Energy (eV)

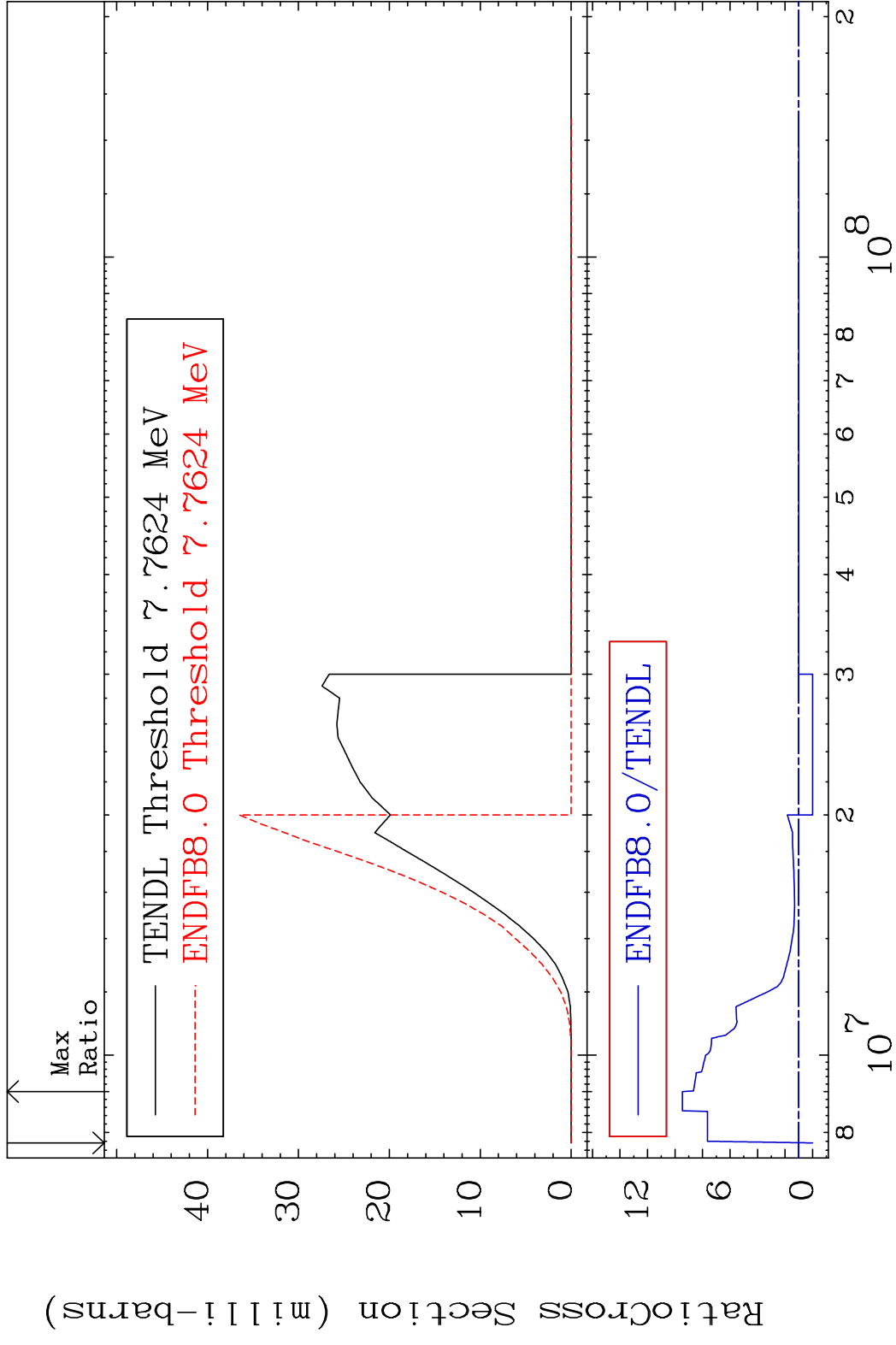
28-Ni-61

MAT 2834 (n,p) 28-Ni-61  
 Cross Section -100.0 To 22.40 %



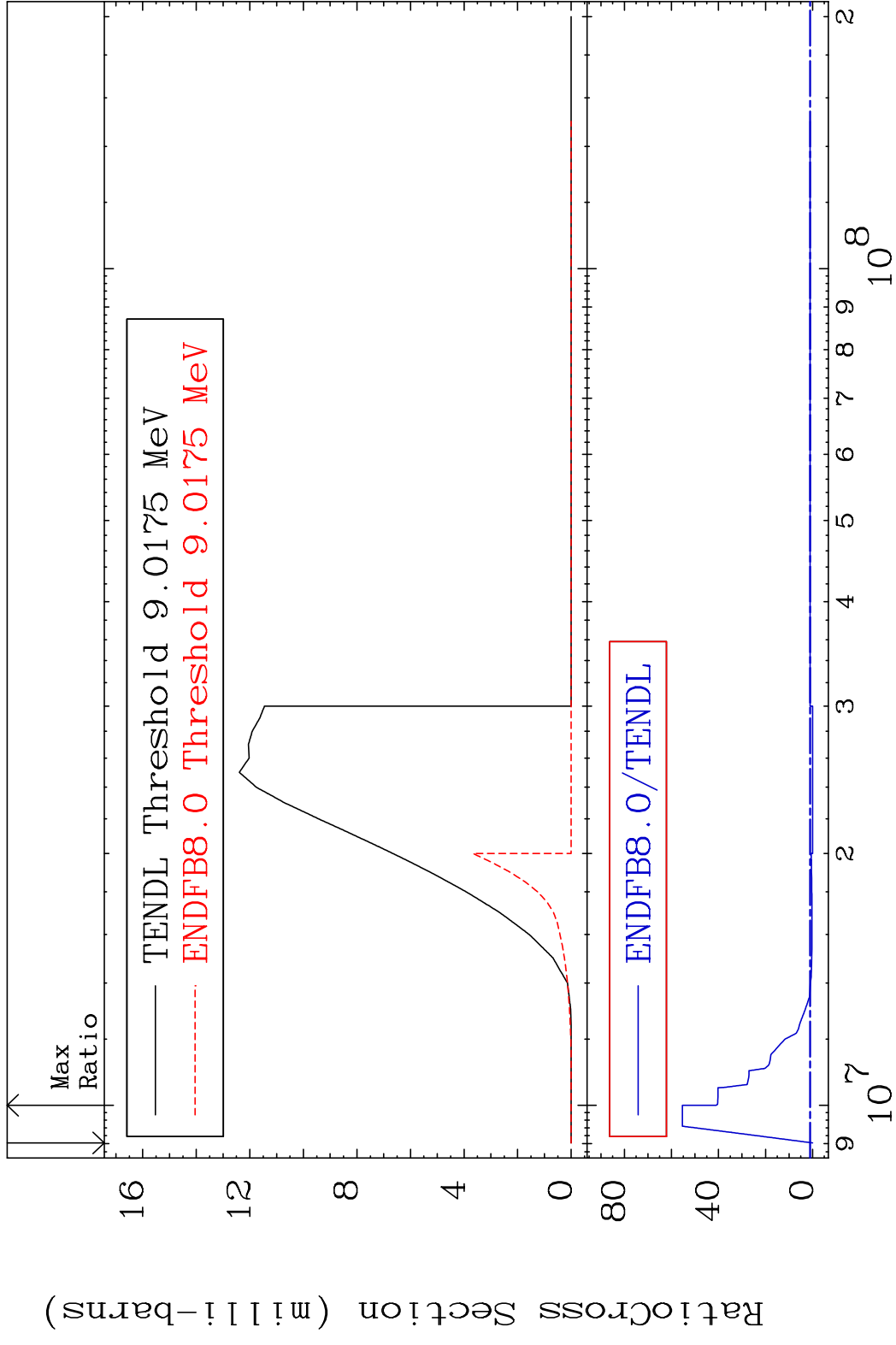
42 28-Ni-61

MAT 2834 (n,d) 28-Ni-61  
 Cross Section -100.0 To 846.7 %



43 28-Ni-61

MAT 2834 (n, t) 28-Ni-61  
 Cross Section -100.0 To 5436. %



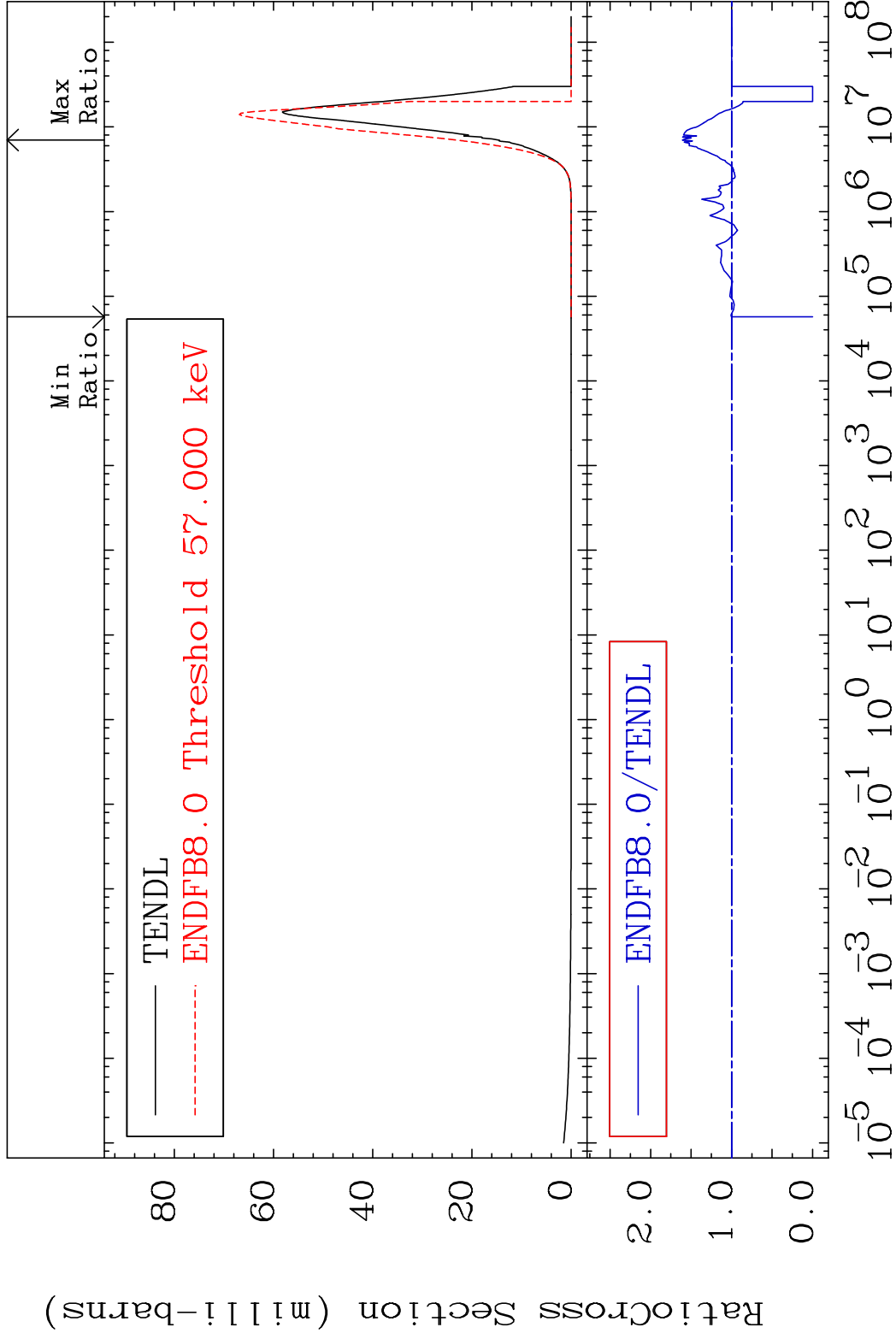
44 Incident Energy (eV) 28-Ni-61

MAT 2834

(n,  $\alpha$ )

28-Ni-61

Cross Section -100.0 To 60.81 %



45

Incident Energy (eV)

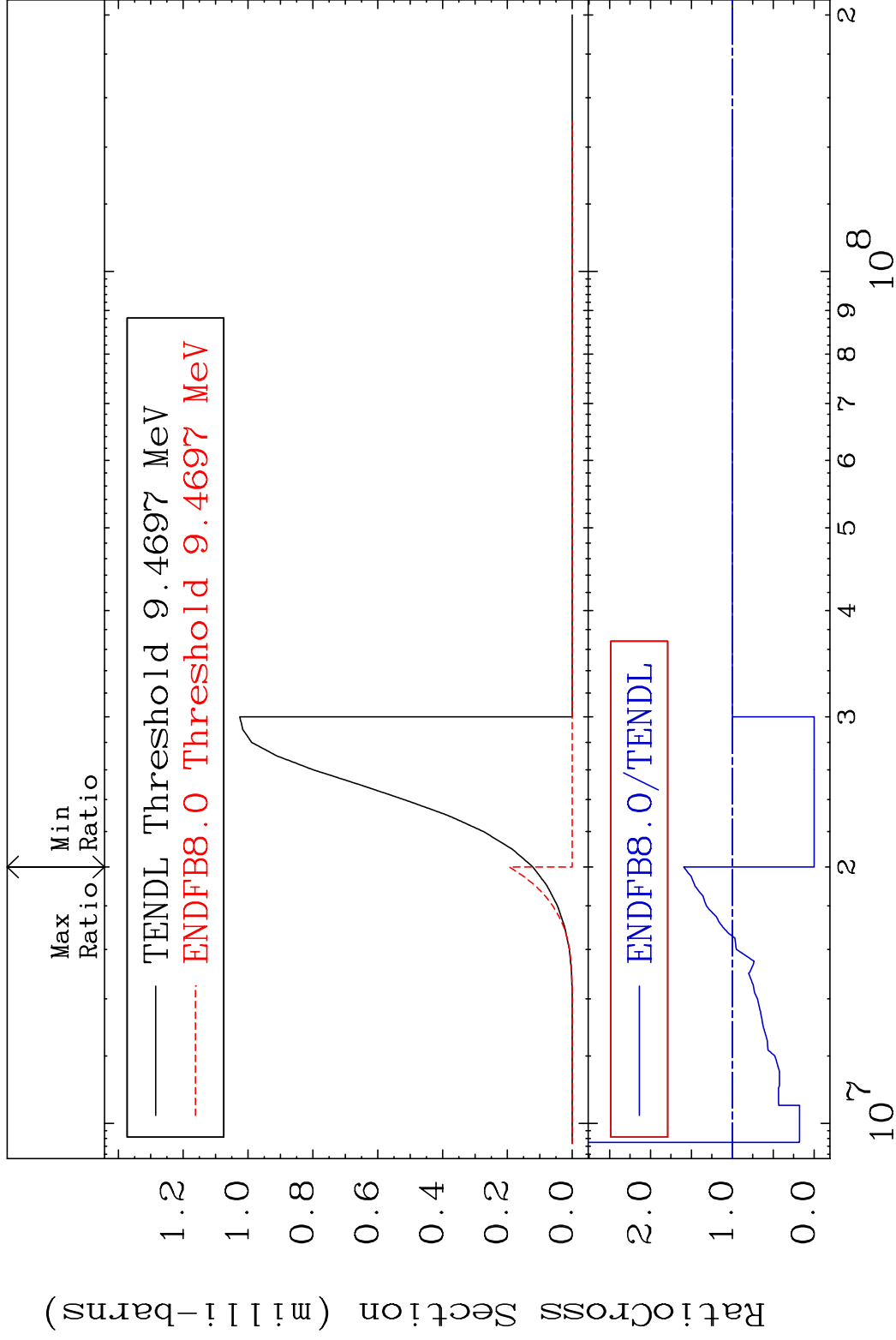
28-Ni-61

MAT 2834

(n,2p)

28-Ni-61

Cross Section -100.0 To 59.43 %



46

Incident Energy (eV)

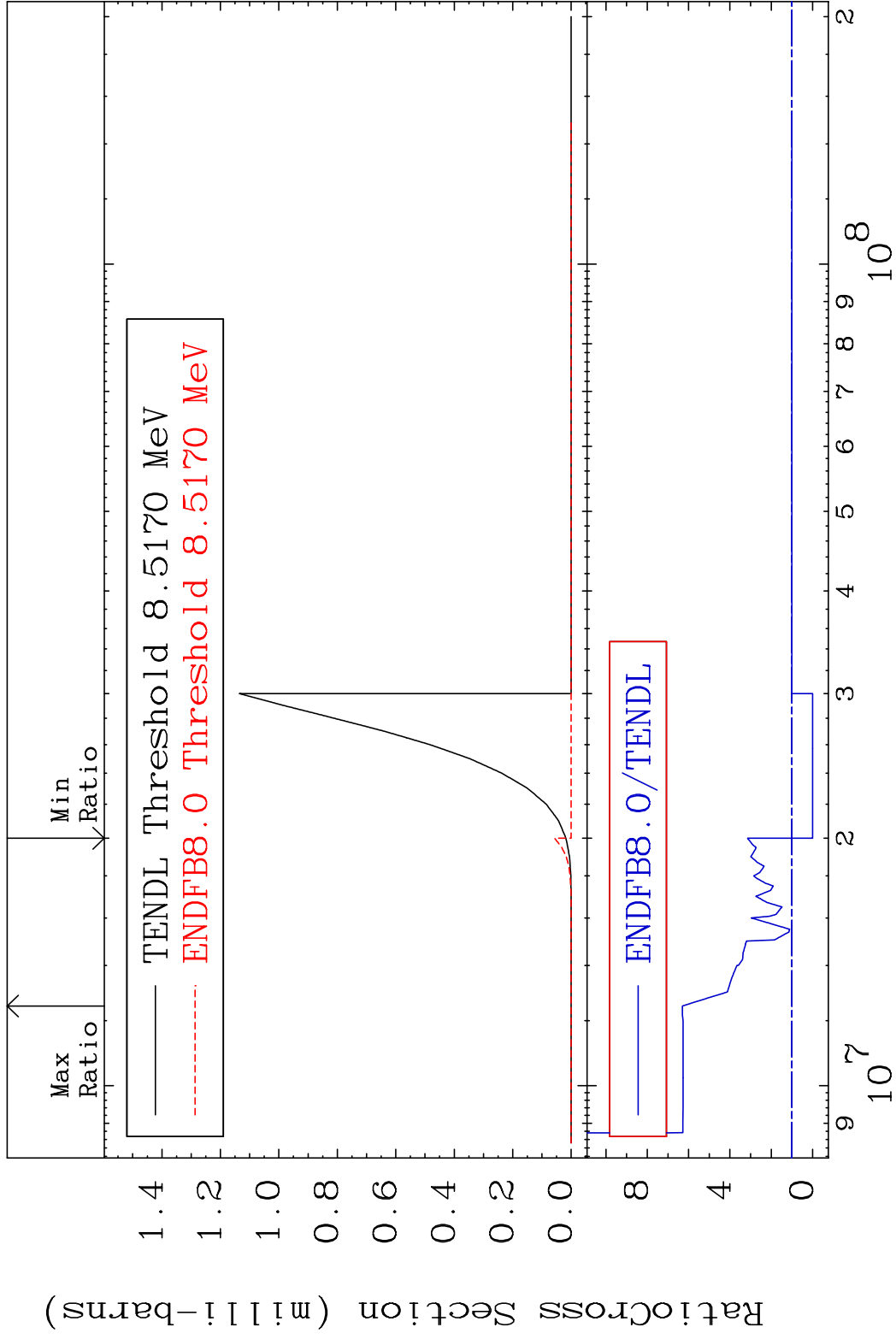
28-Ni-61

MAT 2834

(n,p)  $\alpha$

28-Ni-61

Cross Section -100.0 To 530.2 %



47

Incident Energy (eV)

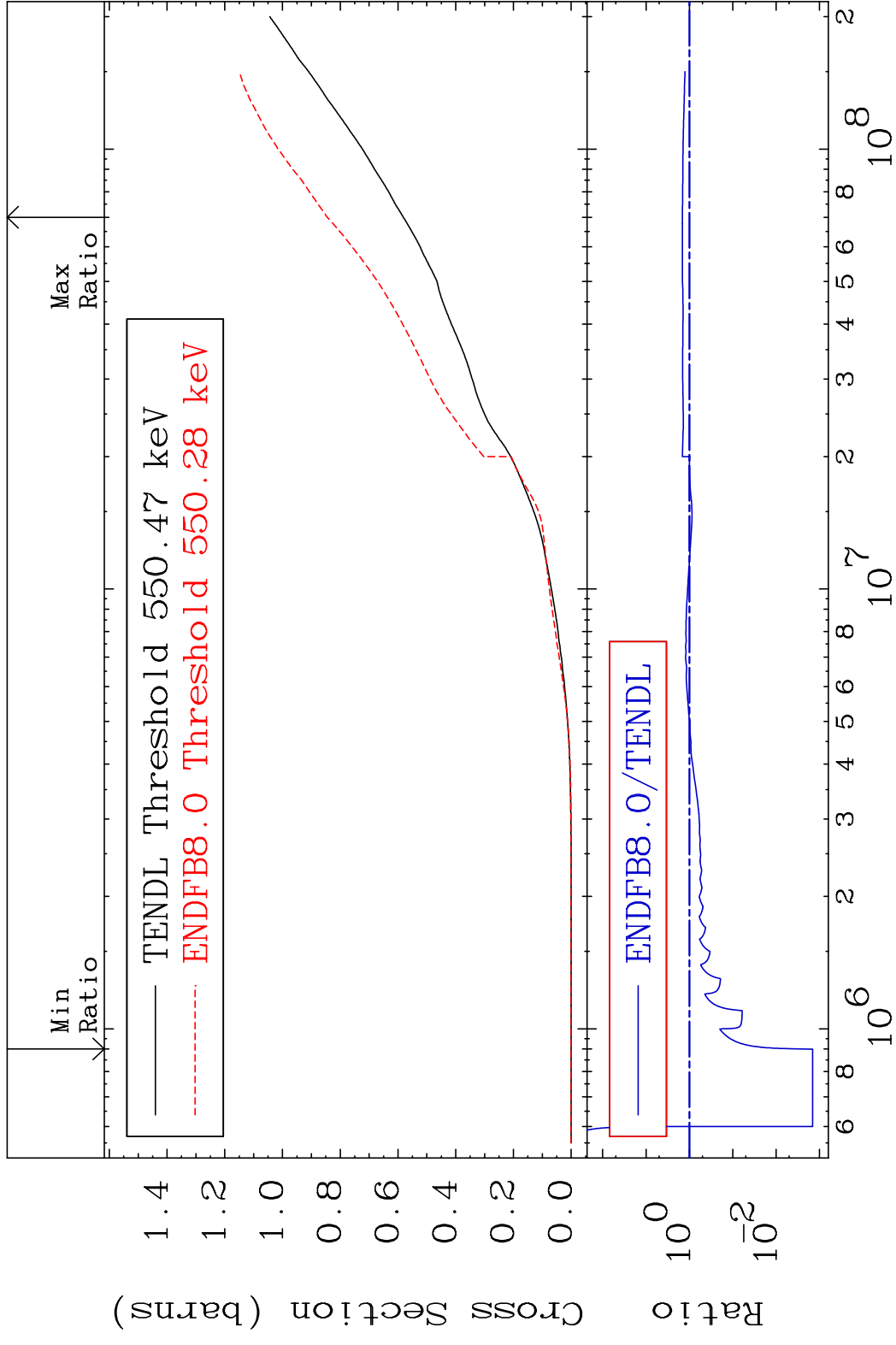
28-Ni-61

MAT 2834

Hydrogen Production

<sup>28</sup>Ni-61

Cross Section -99.86 To 45.33 %

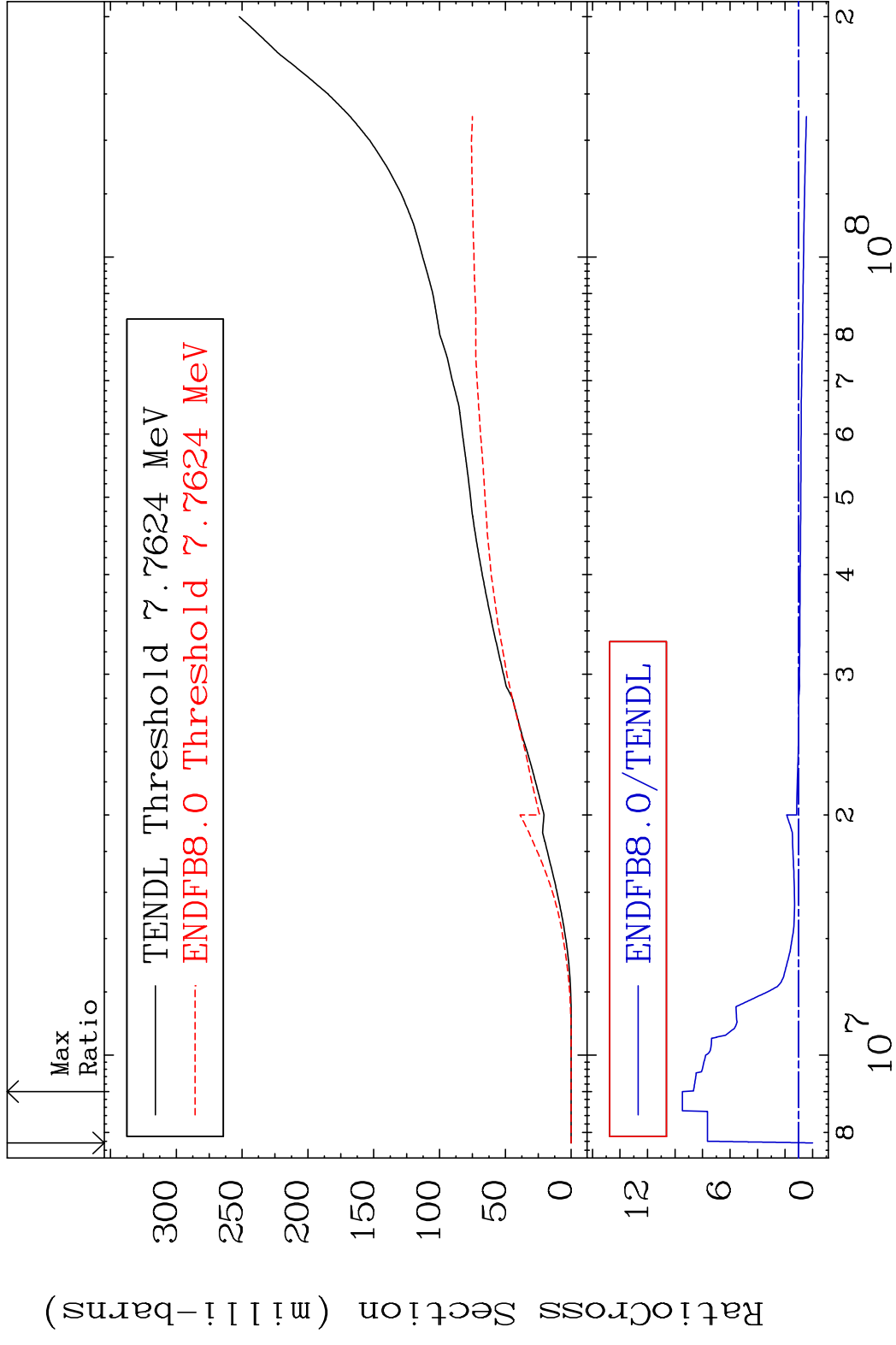


48

Incident Energy (eV)

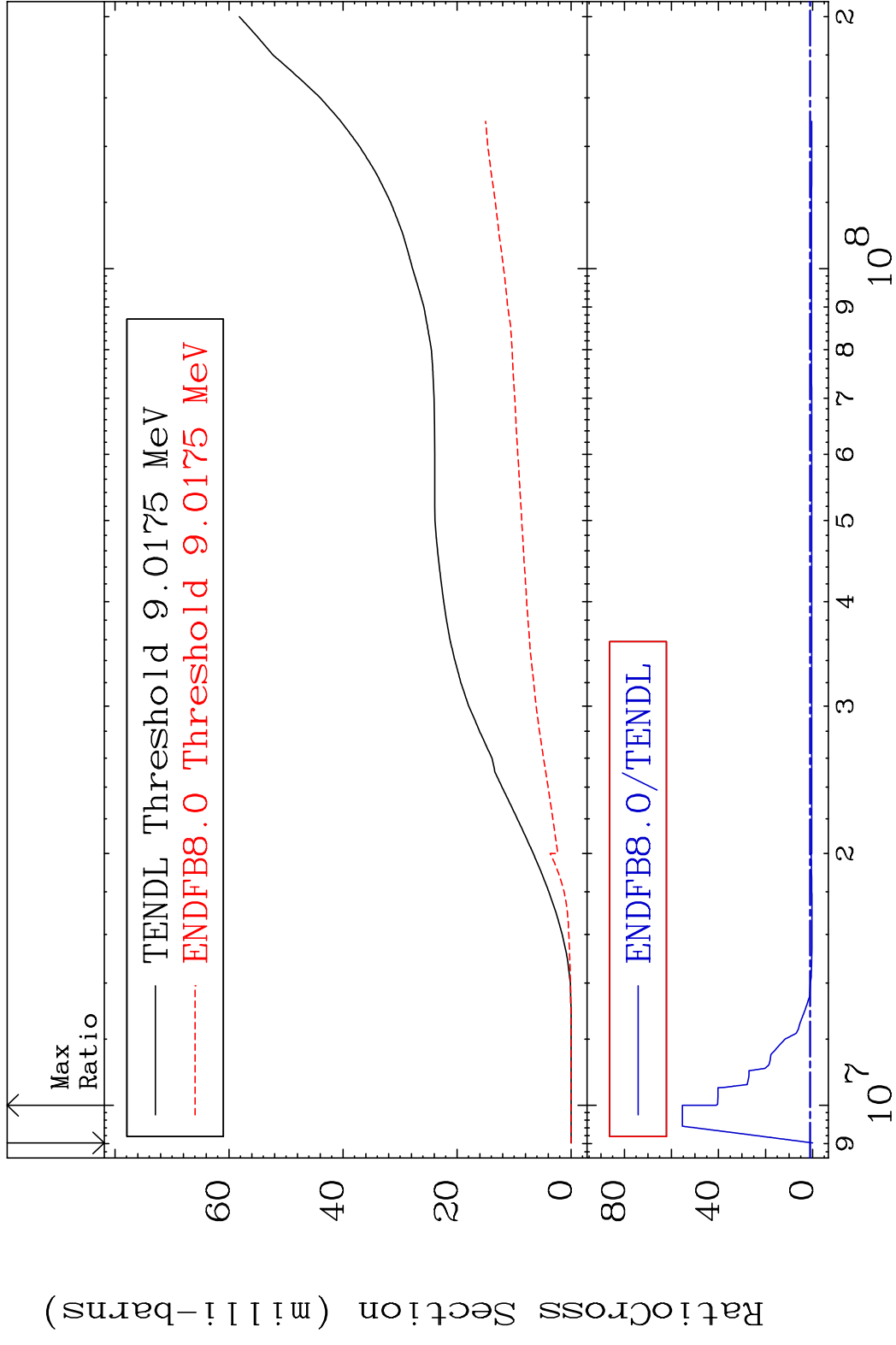
<sup>28</sup>Ni-61

MAT 2834 Deuterium Production <sup>28</sup>Ni-61  
 Cross Section -100.0 To 846.7 %



49 28-Ni-61

MAT 2834 Tritium Production 28-Ni-61  
 Cross Section -100.0 To 5436. %



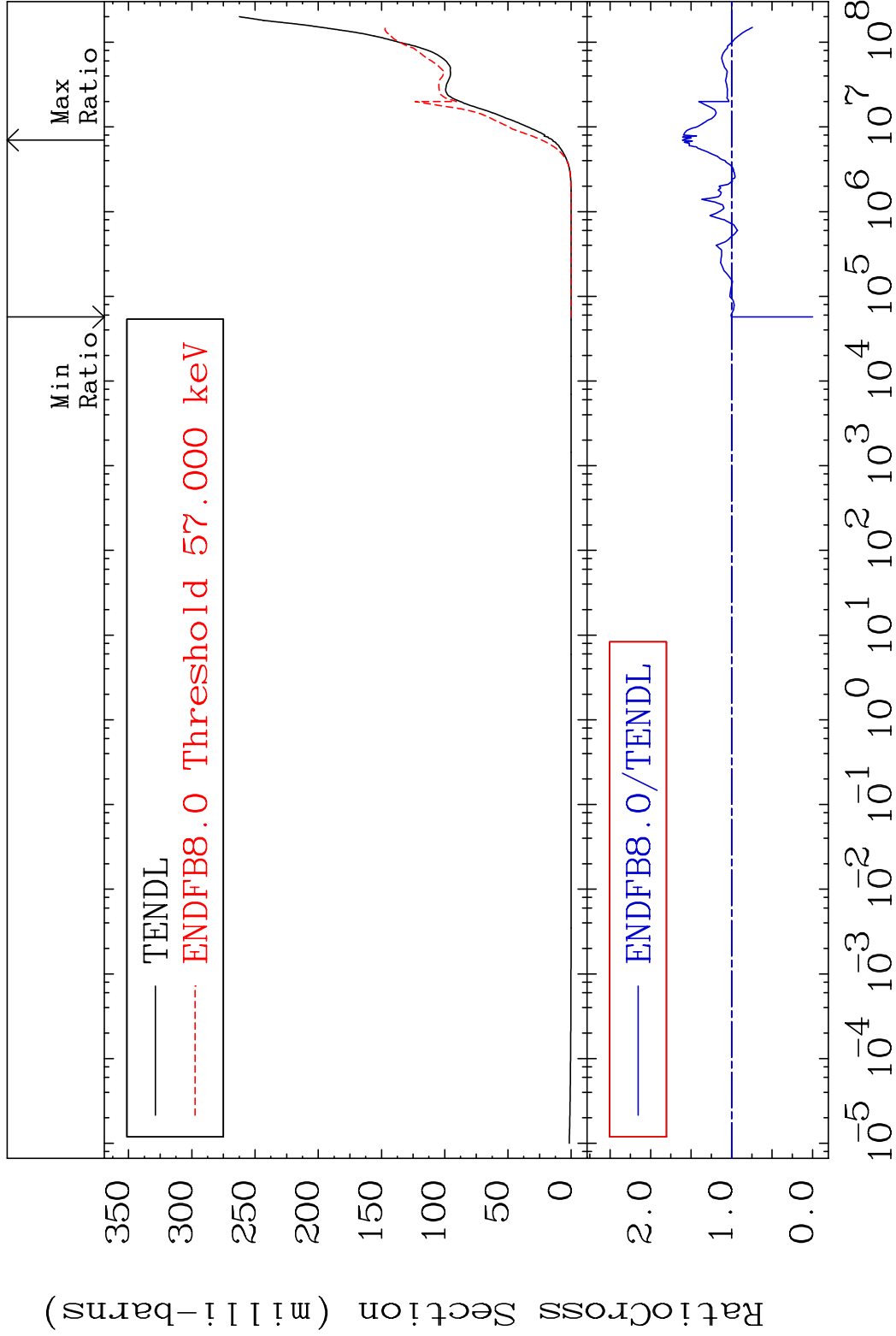
50 Incident Energy (eV) 28-Ni-61

MAT 2834

He-4 Production

28-Ni-61

Cross Section -100.0 To 60.81 %

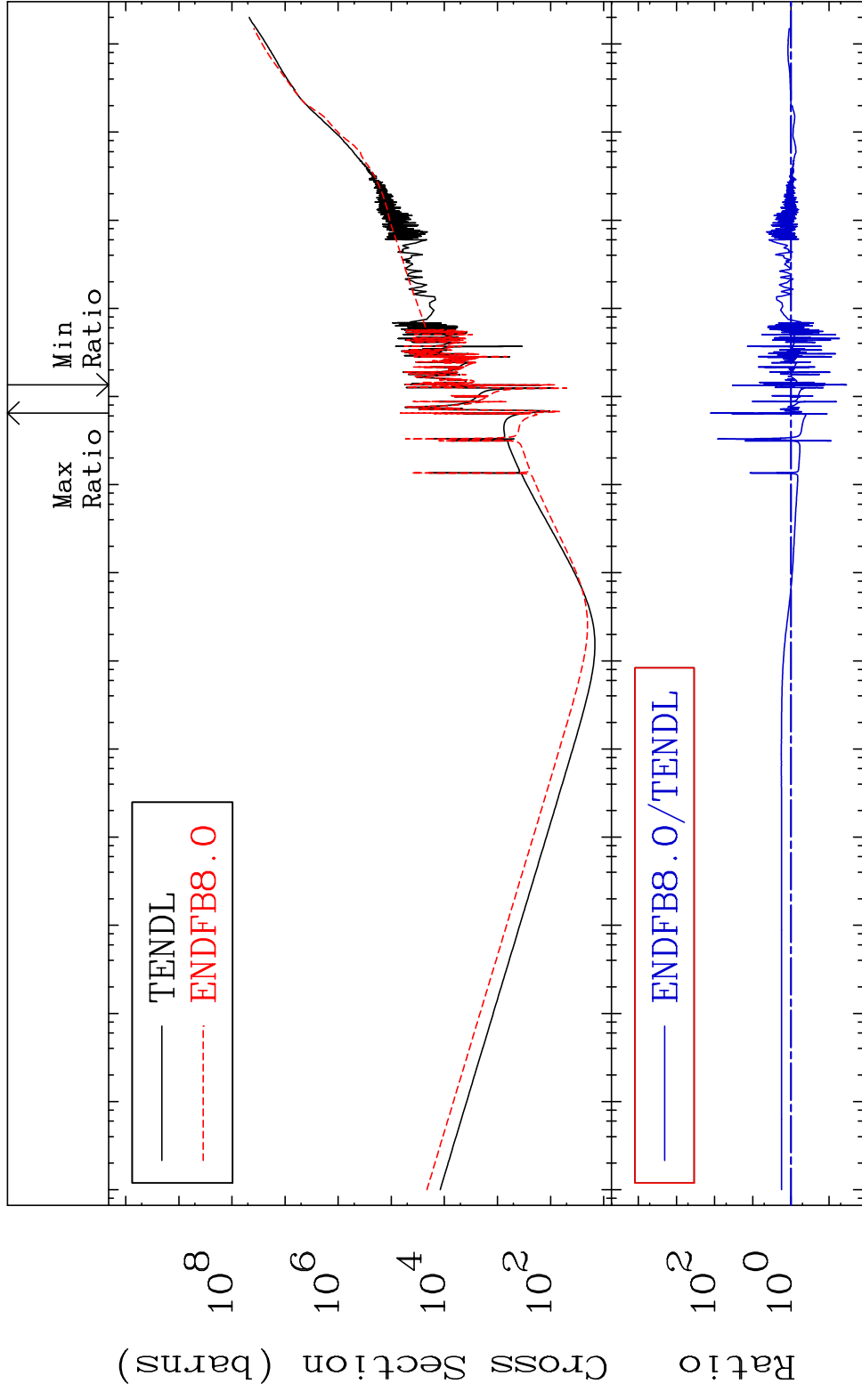


51

Incident Energy (eV)

28-Ni-61

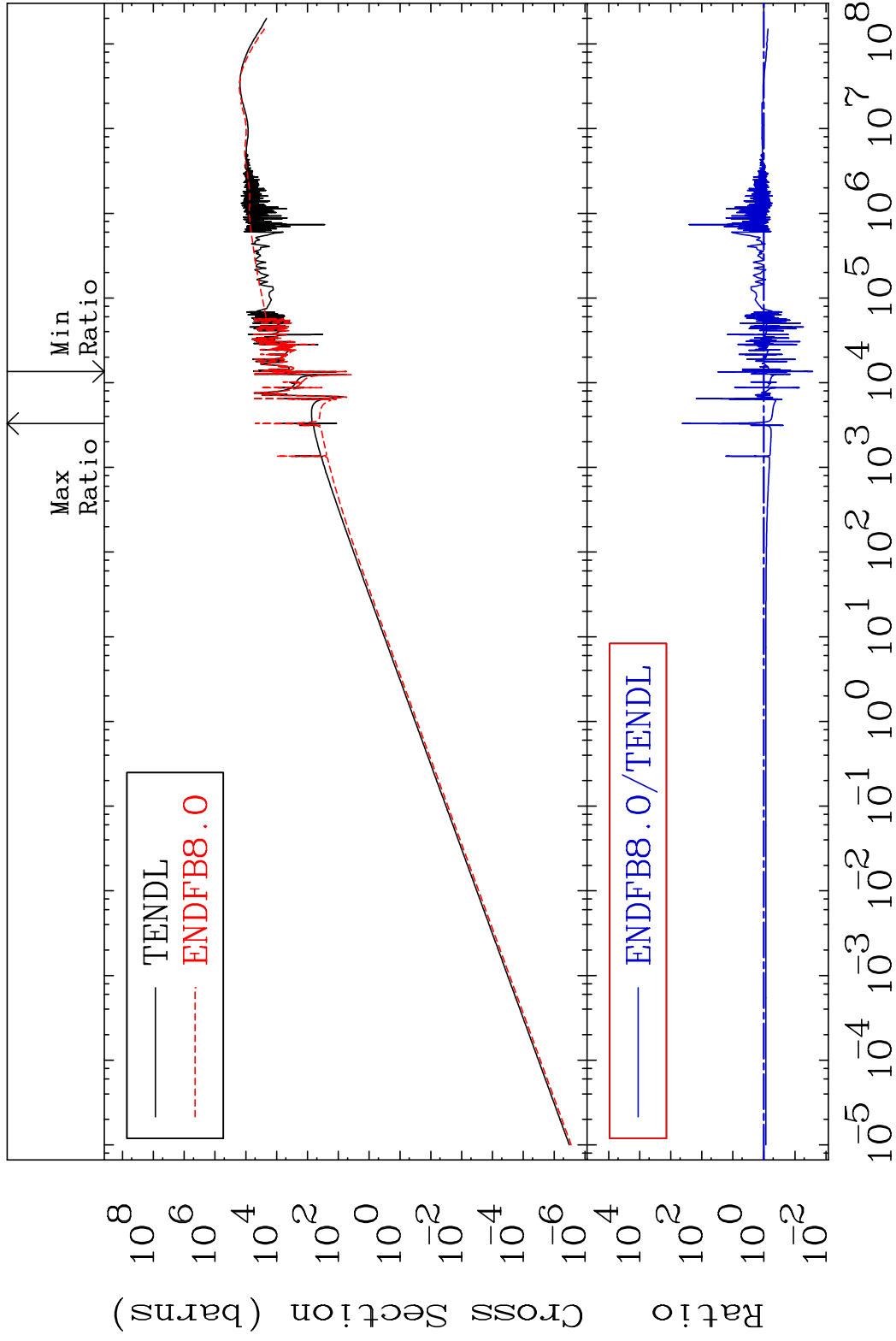
MAT 2834 Kerma total (eV-barns) 28-Ni-61  
 Cross Section -96.46 To 9999. %



MAT 2834

Kerma elastic  
Cross Section

28-Ni-61  
-97.29 To 9999. %

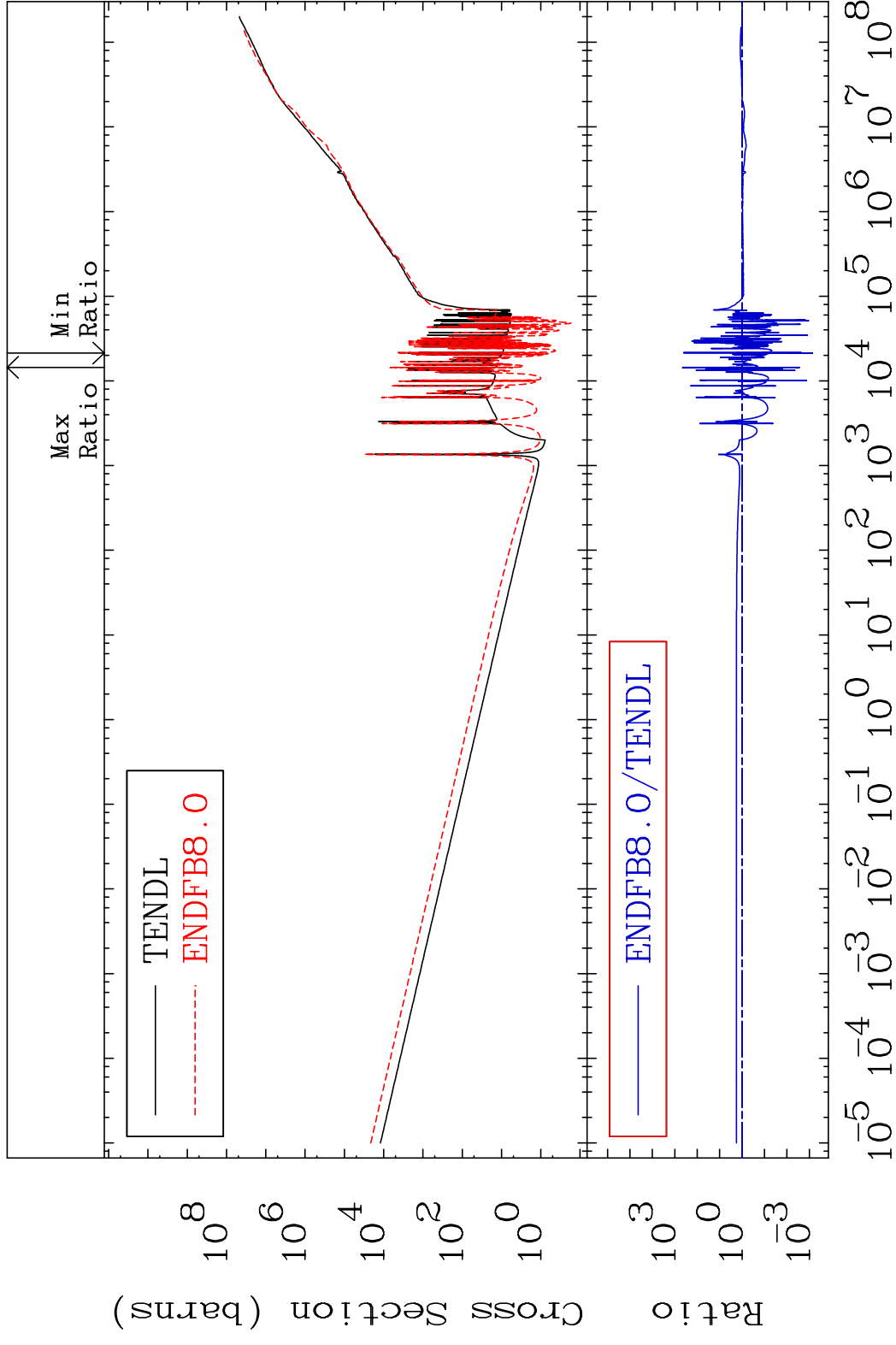


53

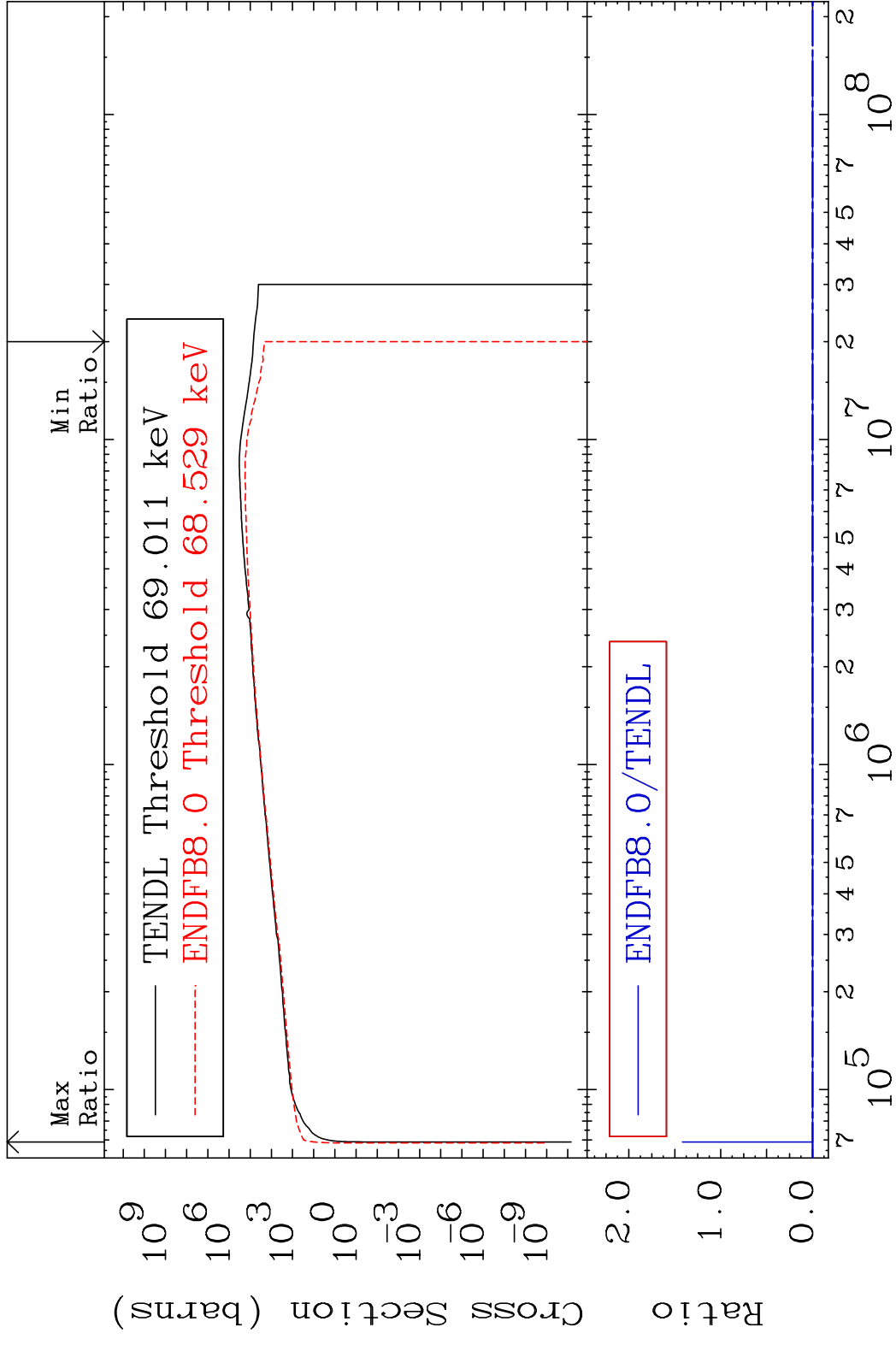
Incident Energy (eV)

28-Ni-61

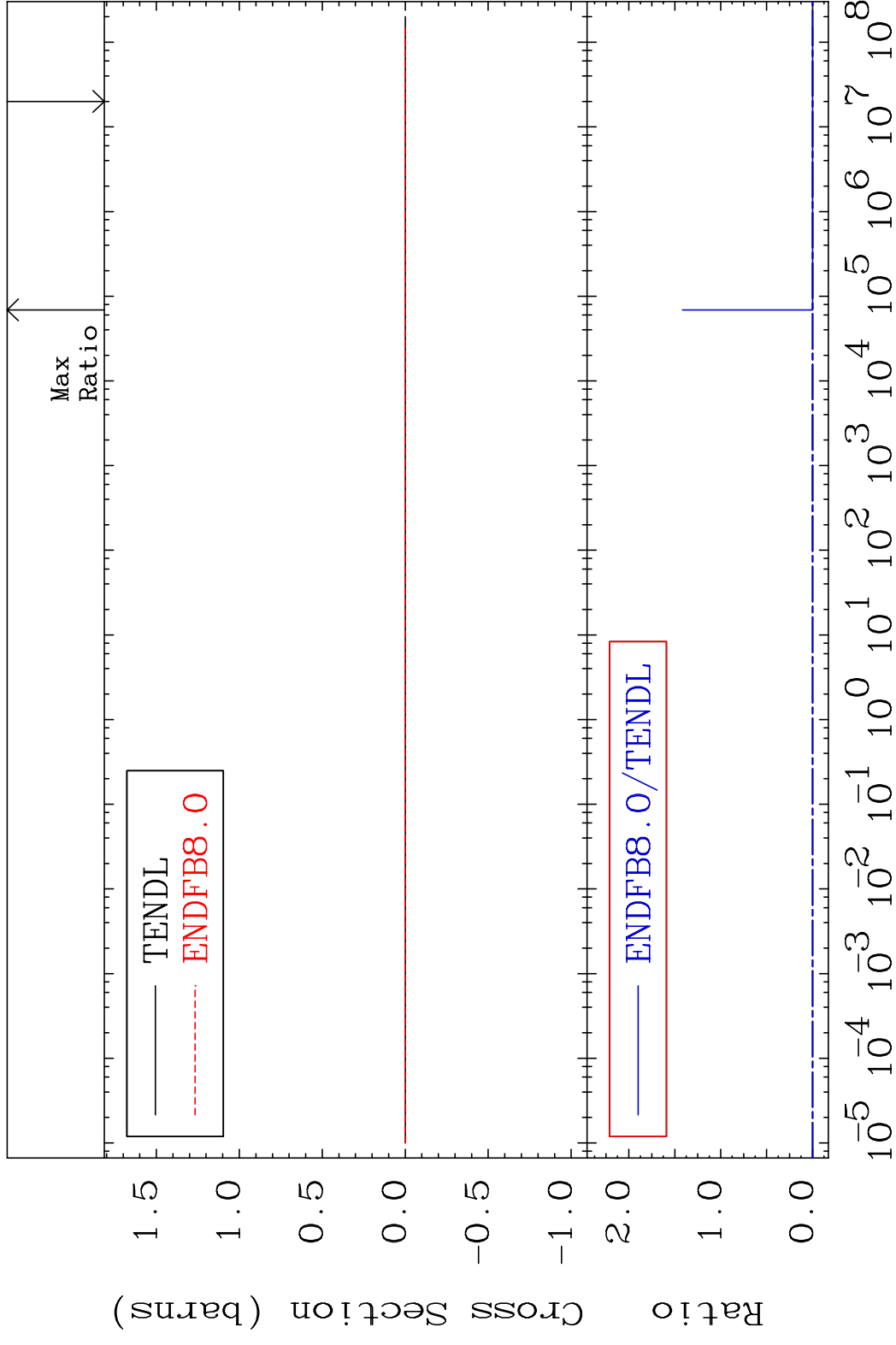
MAT 2834 Kerma non-elastic (all but mt2) 28-Ni-61  
 Cross Section -99.93 To 9999. %



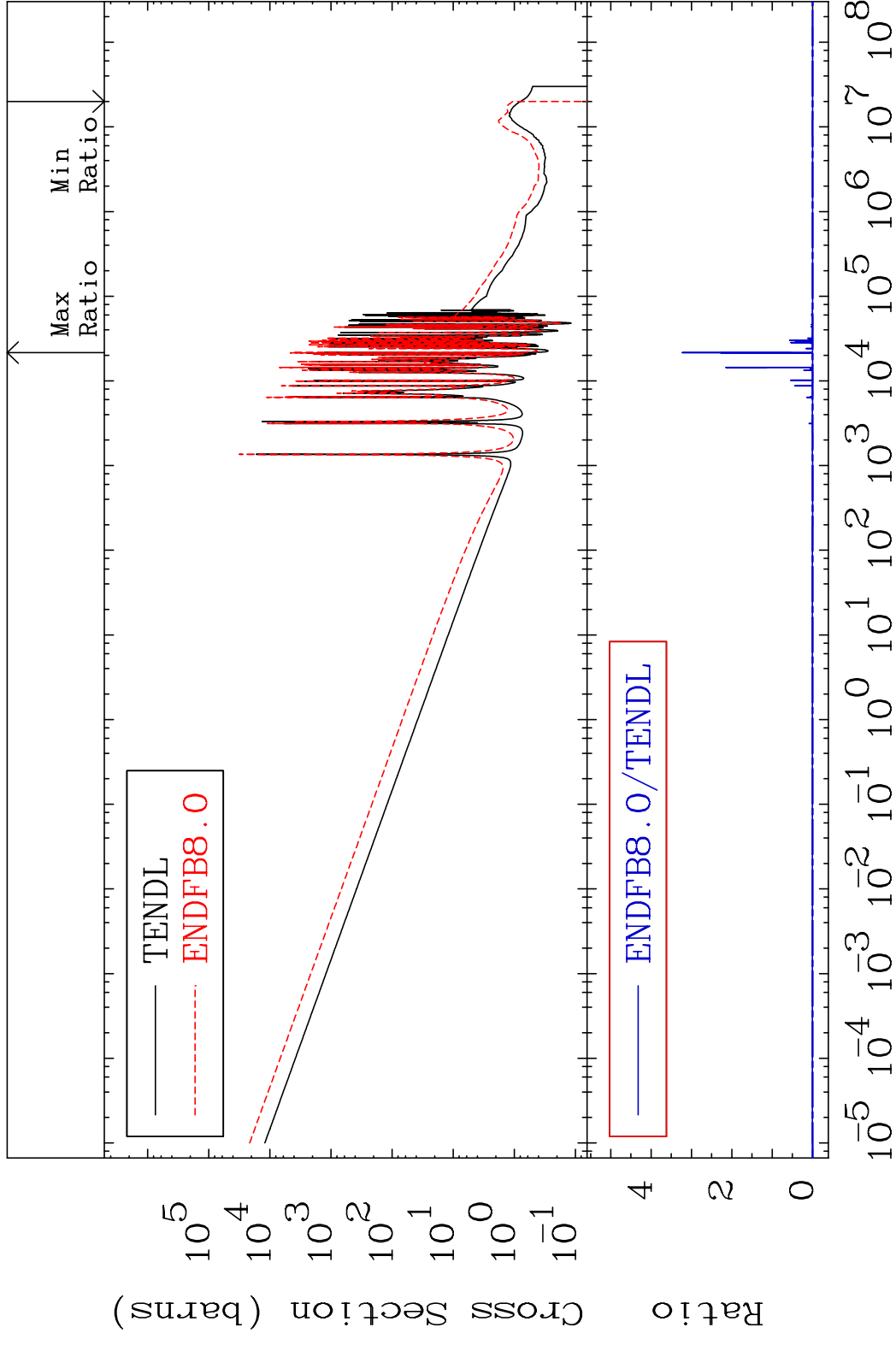
MAT 2834 Kerma inelastic (mt51-91) 28-Ni-61  
 Cross Section -100.0 To 9999. %



MAT 2834 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-61  
 Cross Section -100.0 To 9999. %

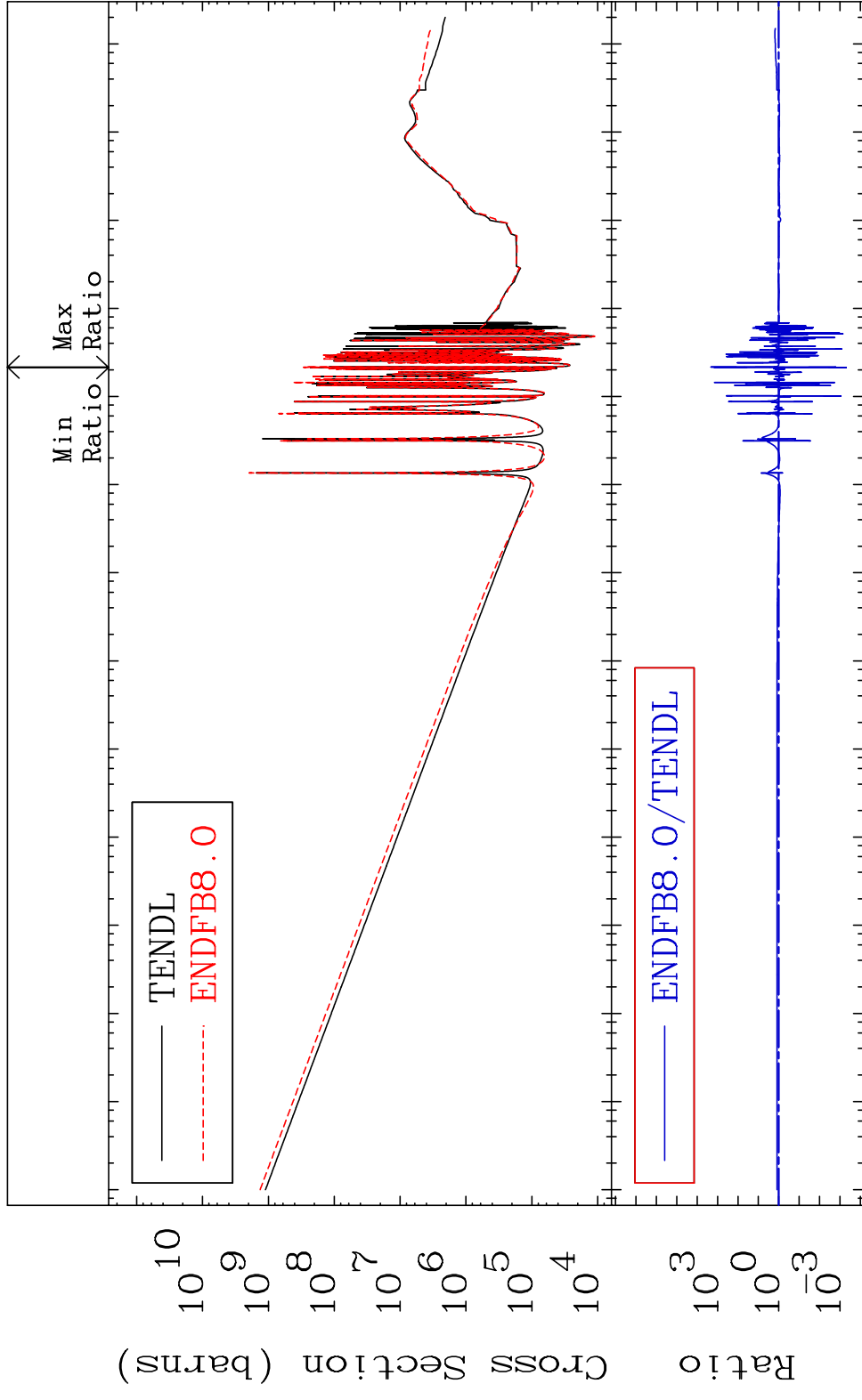


MAT 2834 Kerma capture (mt102) 28-Ni-61  
 Cross Section -100.0 To 9999. %



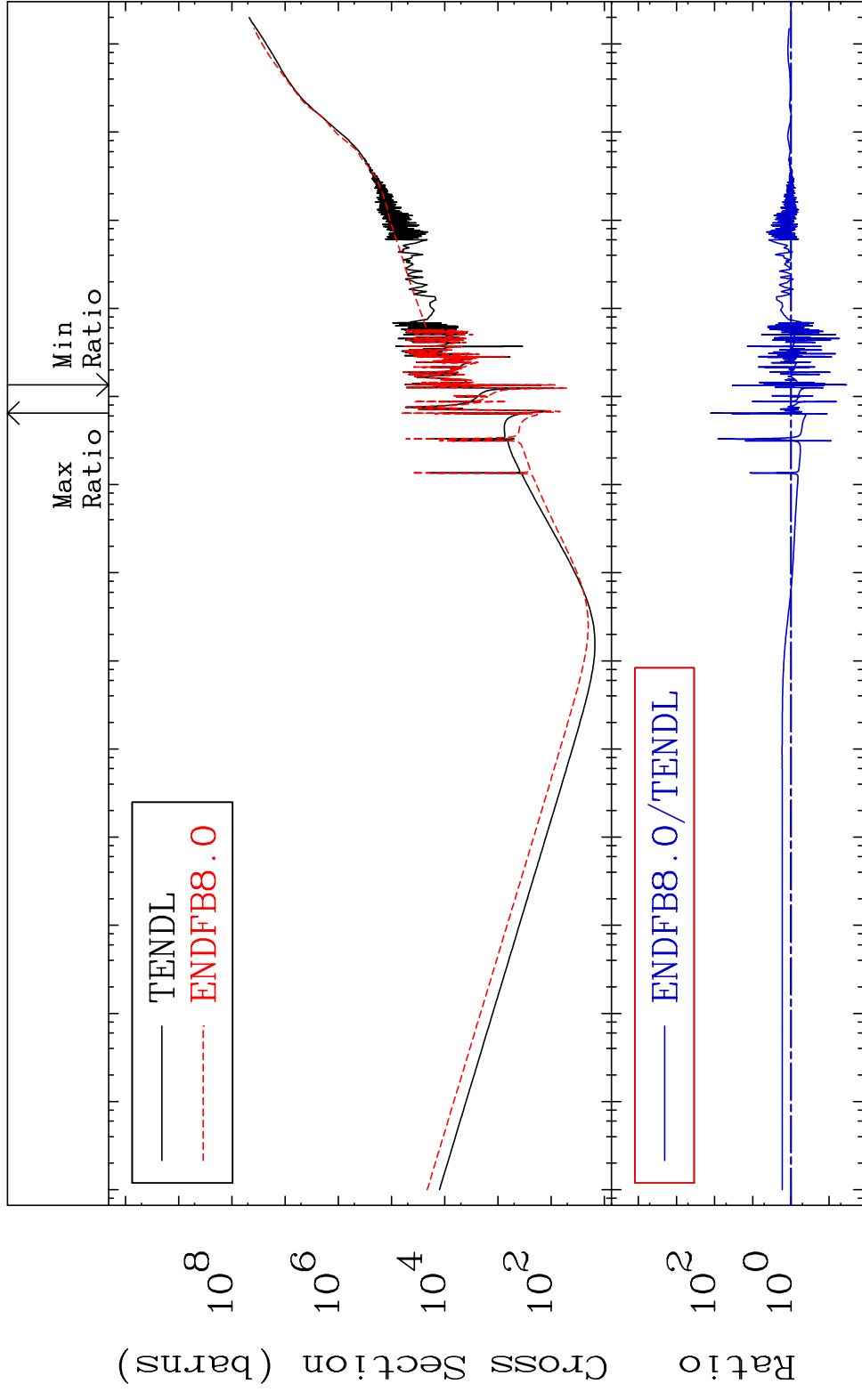
57 Incident Energy (eV) 28-Ni-61

MAT 2834 Total photon (eV-barns) 28-Ni-61  
 Cross Section -99.95 To 9999. %

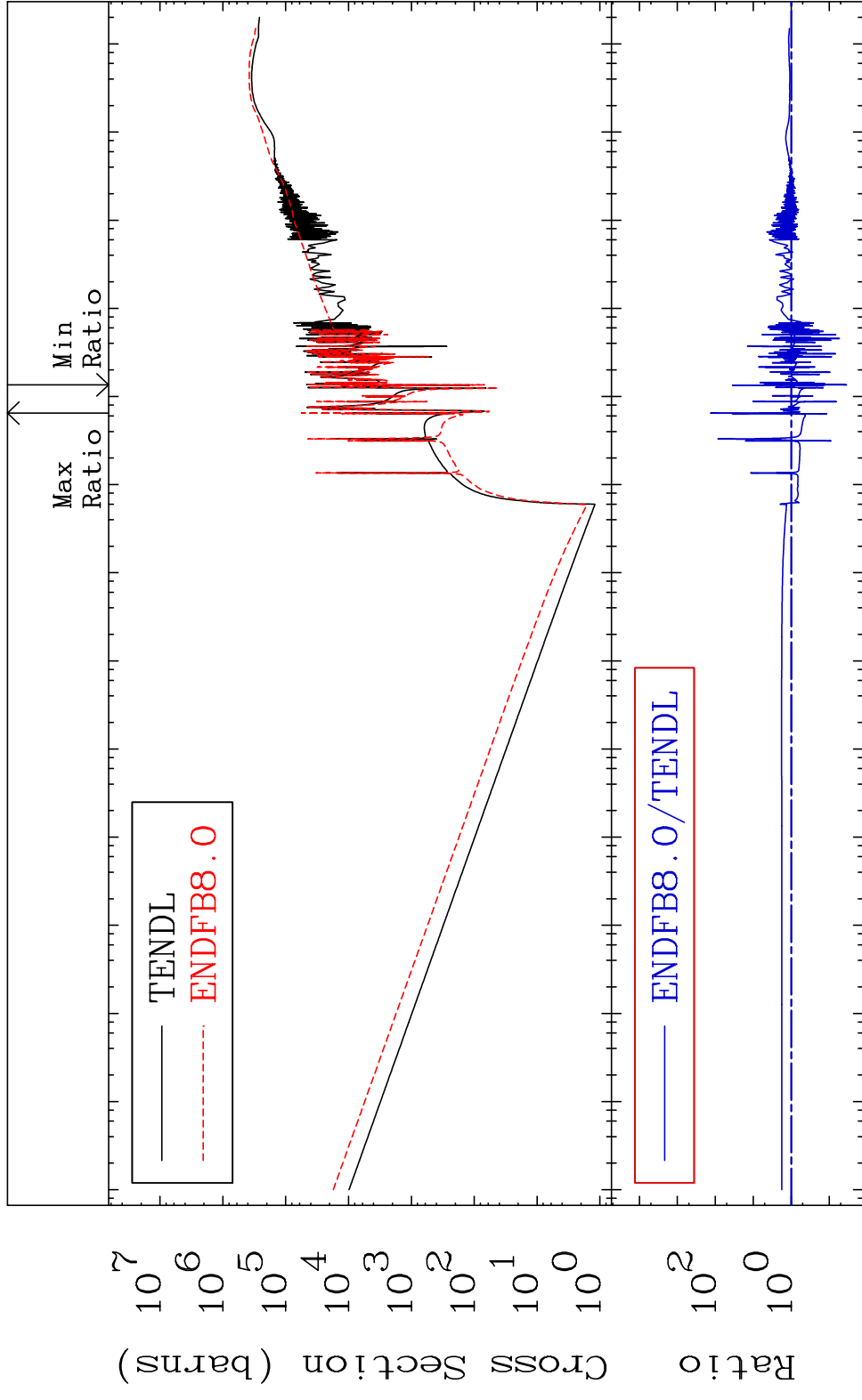


58 Incident Energy (eV) 28-Ni-61

MAT 2834 Total kinematic kerma (high limit) 28-Ni-61  
 Cross Section -96.46 To 9999. %



MAT 2834      Dpa total (eV-barns)      28-Ni-61  
 Cross Section      -96.46 To 9999. %



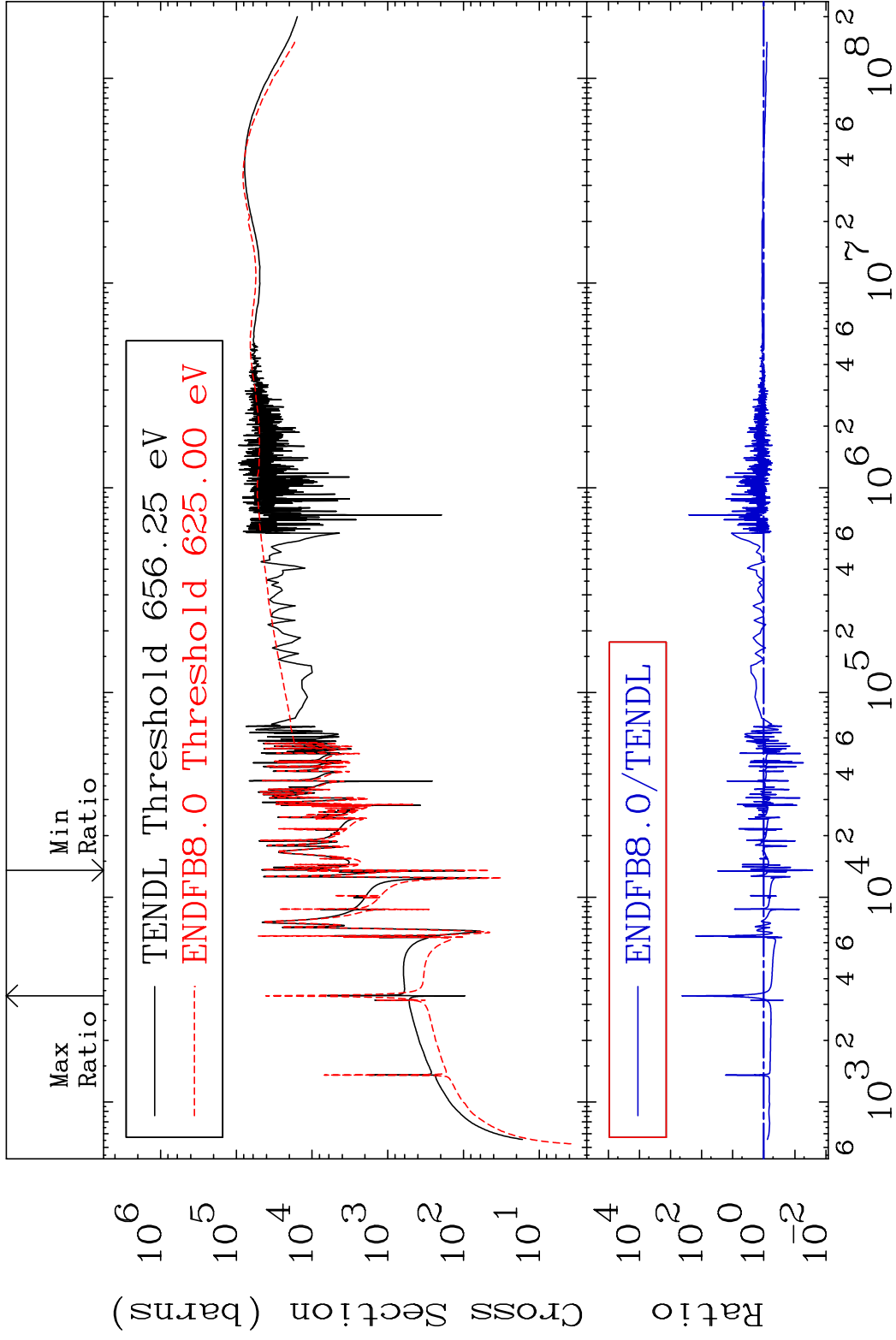
60      Incident Energy (eV)      28-Ni-61

MAT 2834

Dpa elastic (mt2)

28-Ni-61

Cross Section -97.29 To 9999. %

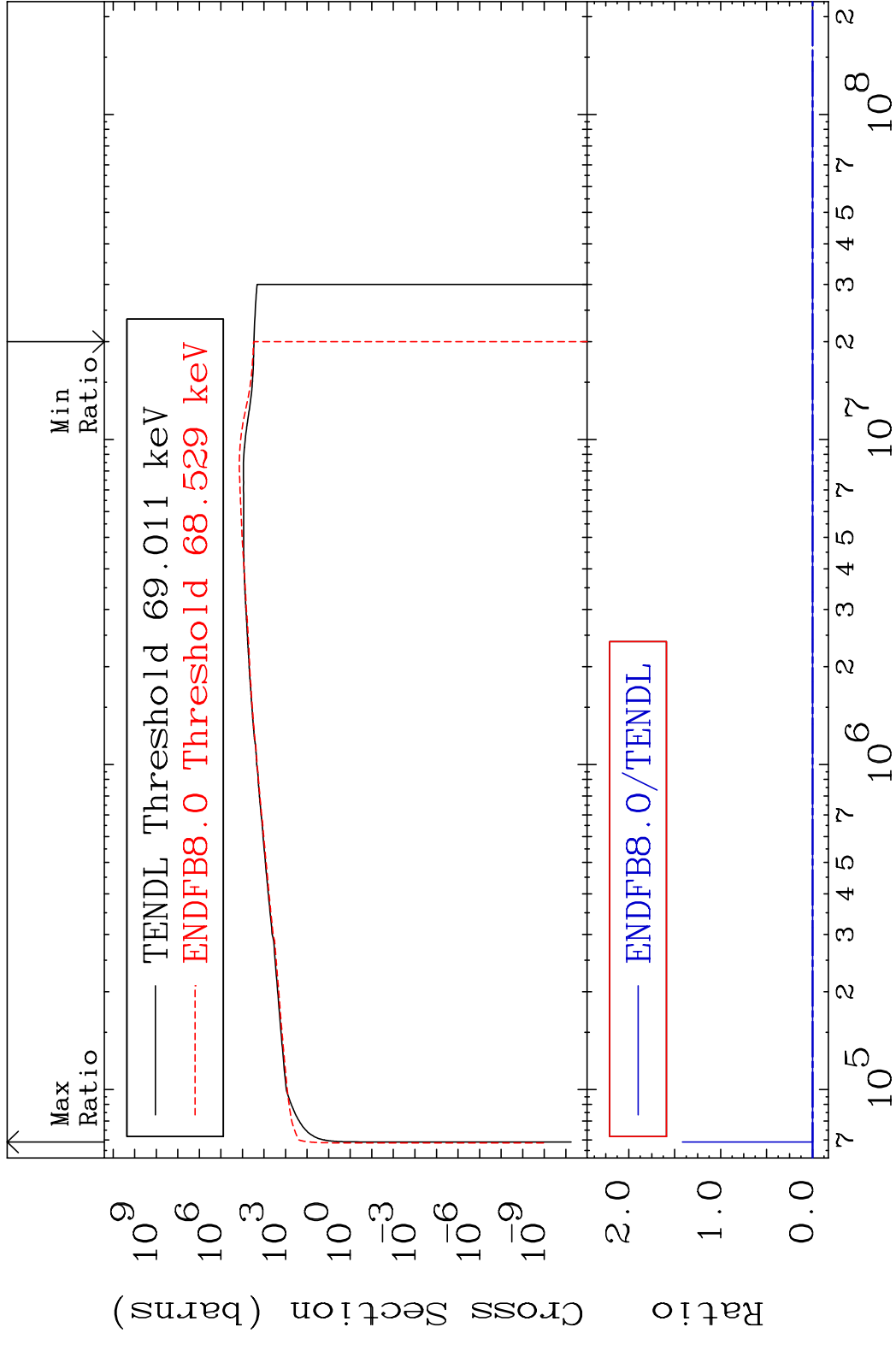


61

Incident Energy (eV)

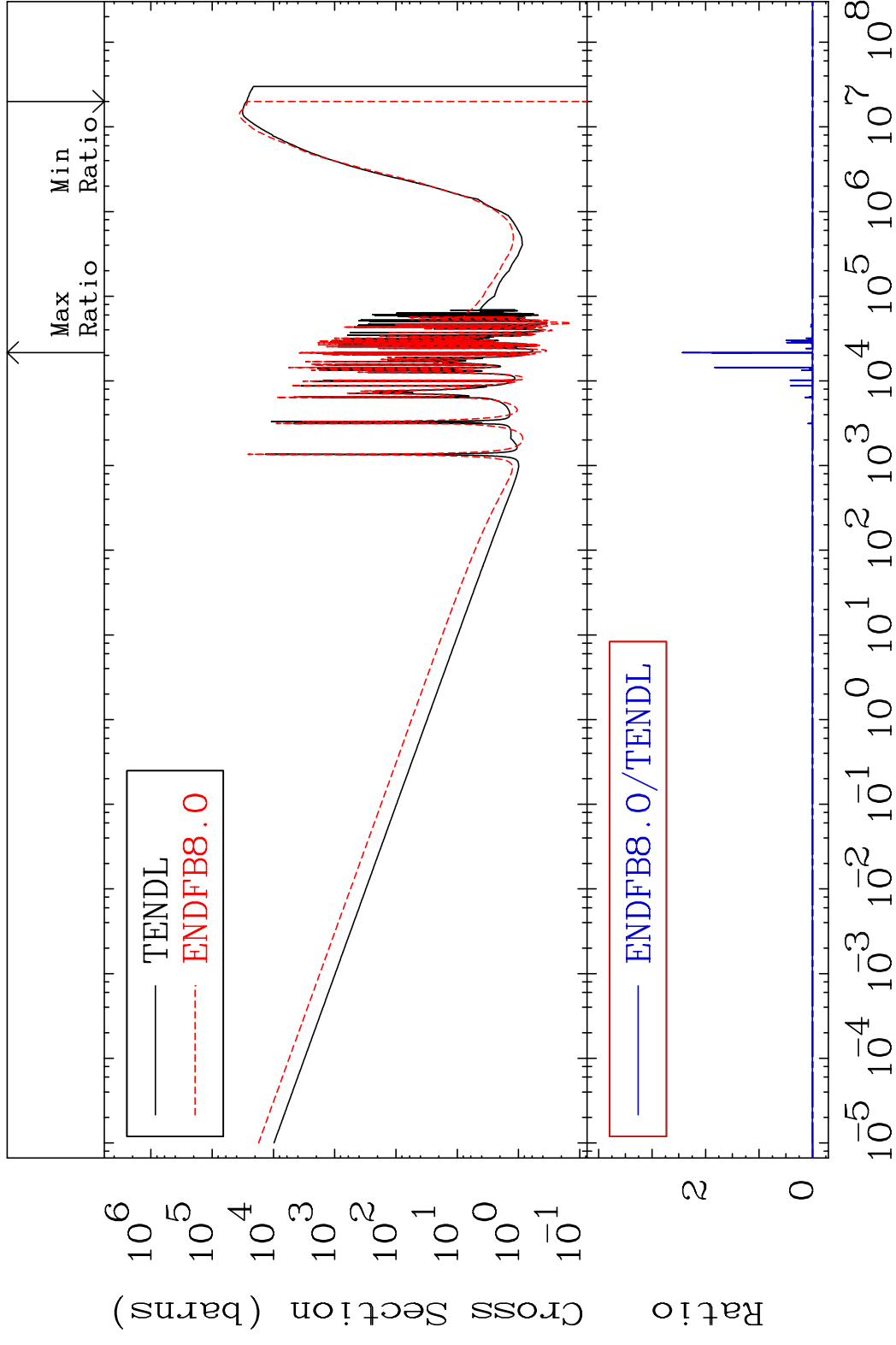
28-Ni-61

MAT 2834 Dpa inelastic (mt51-91) 28-Ni-61  
 Cross Section -100.0 To 9999. %



62 Incident Energy (eV) 28-Ni-61

MAT 2834 Dpa disappearance (mt102 -120) 28-Ni-61  
 Cross Section -100.0 To 9999. %



63 Incident Energy (eV) 28-Ni-61