

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

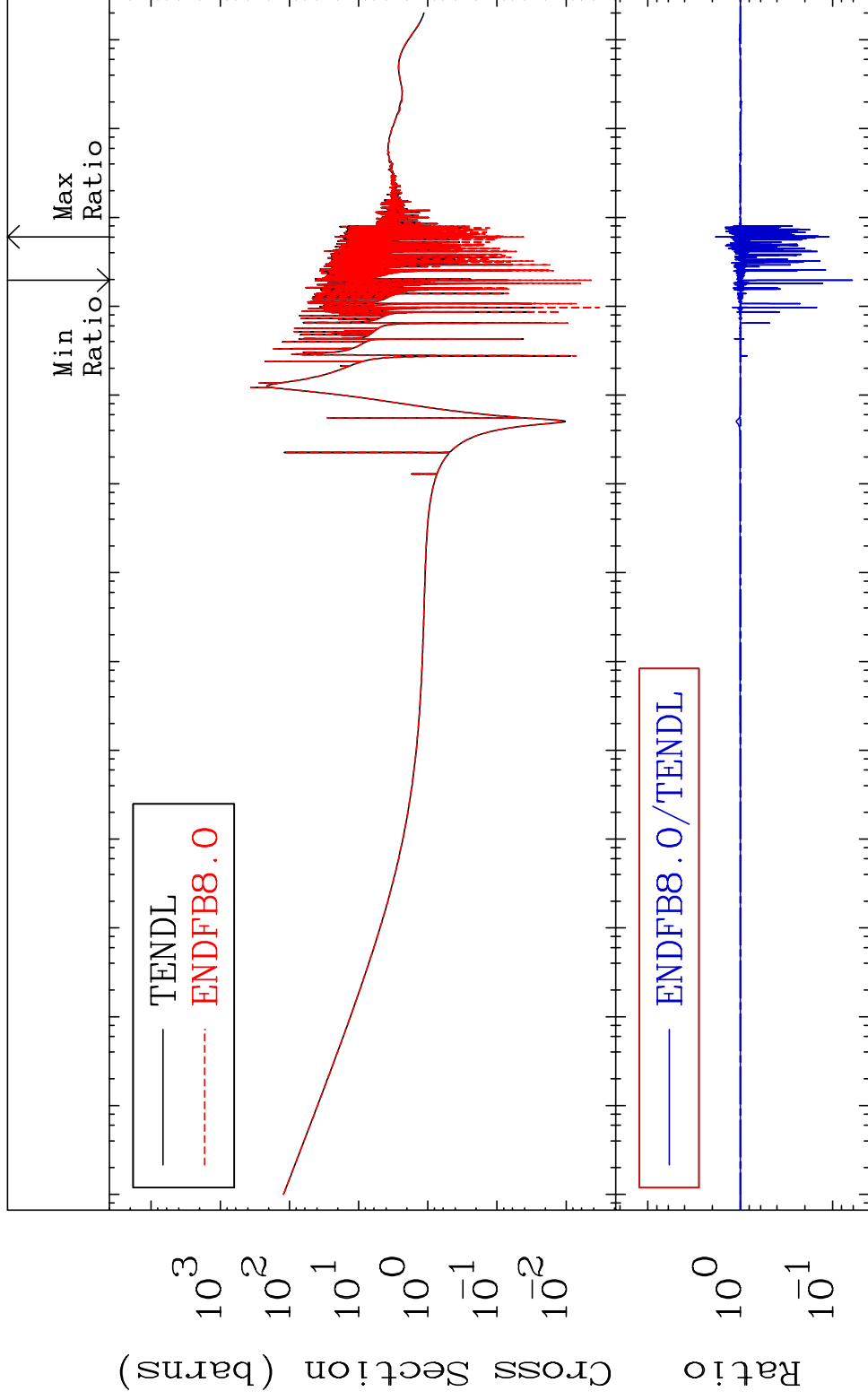
MAT 2831

Total

28-Ni-60

Cross Section

-93.86 To 84.60 %



1

Incident Energy (eV)

28-Ni-60

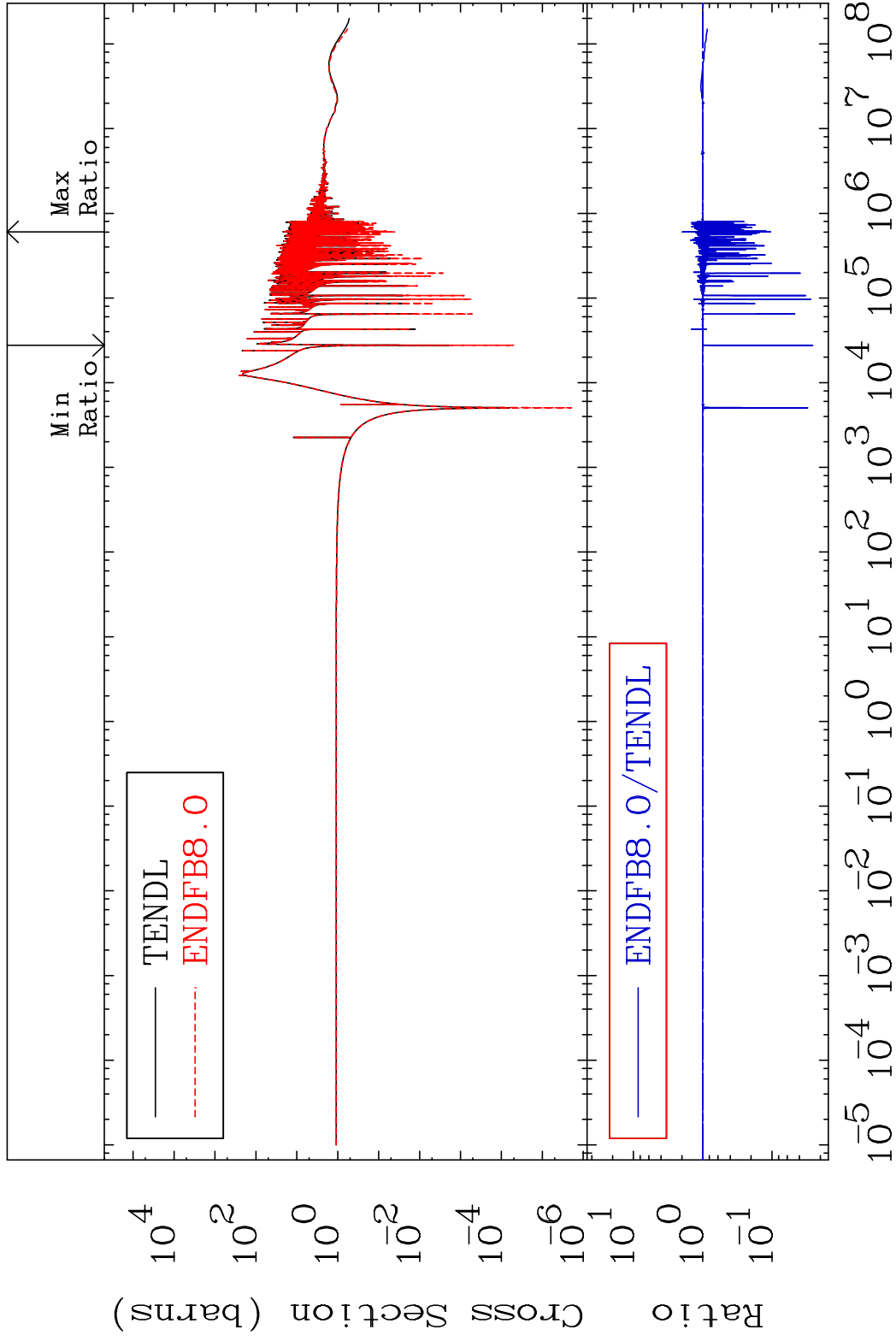
MAT 2831

Elastic

28-Ni-60

Cross Section

-97.41 To 96.66 %

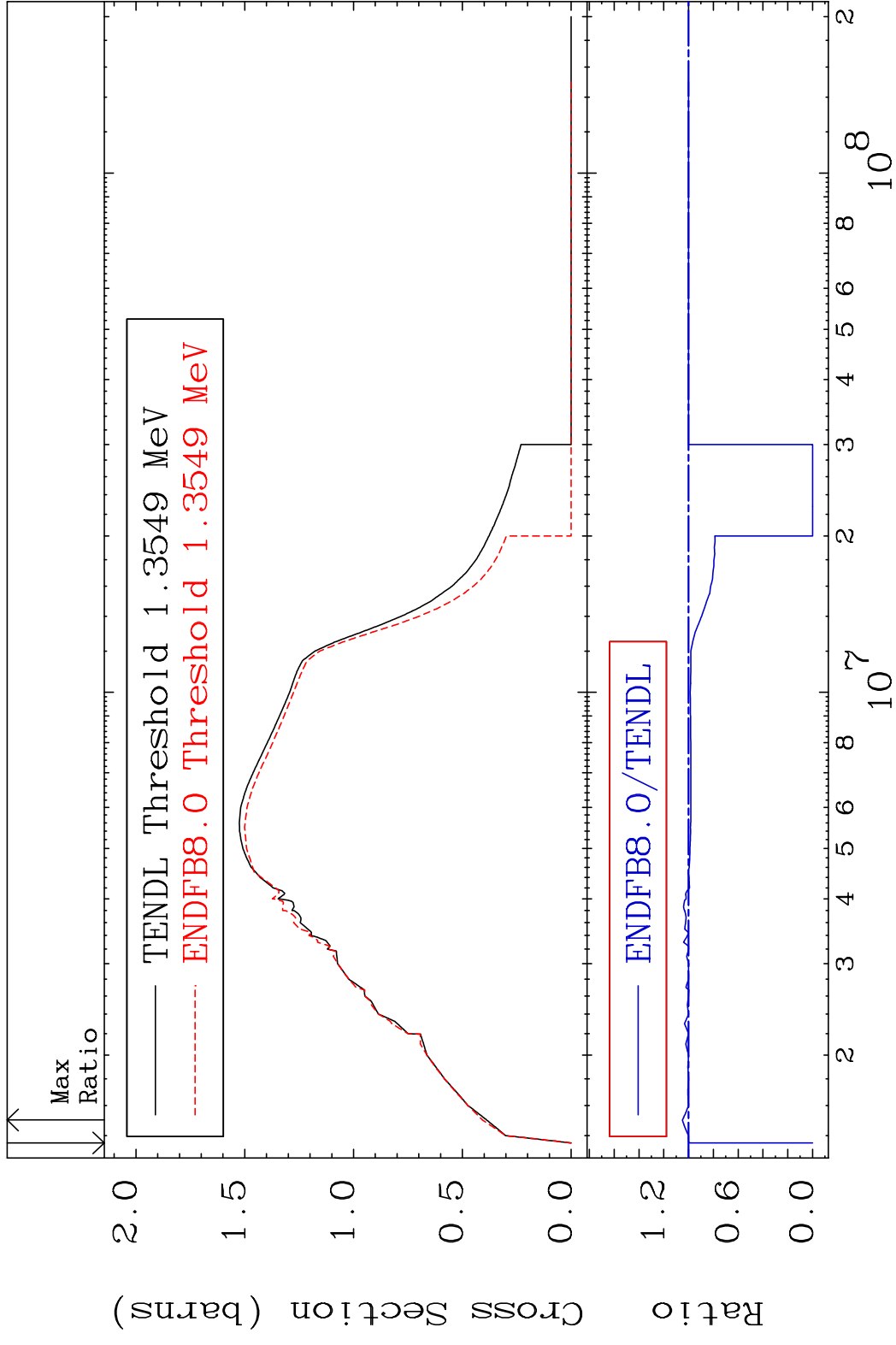


2

Incident Energy (eV)

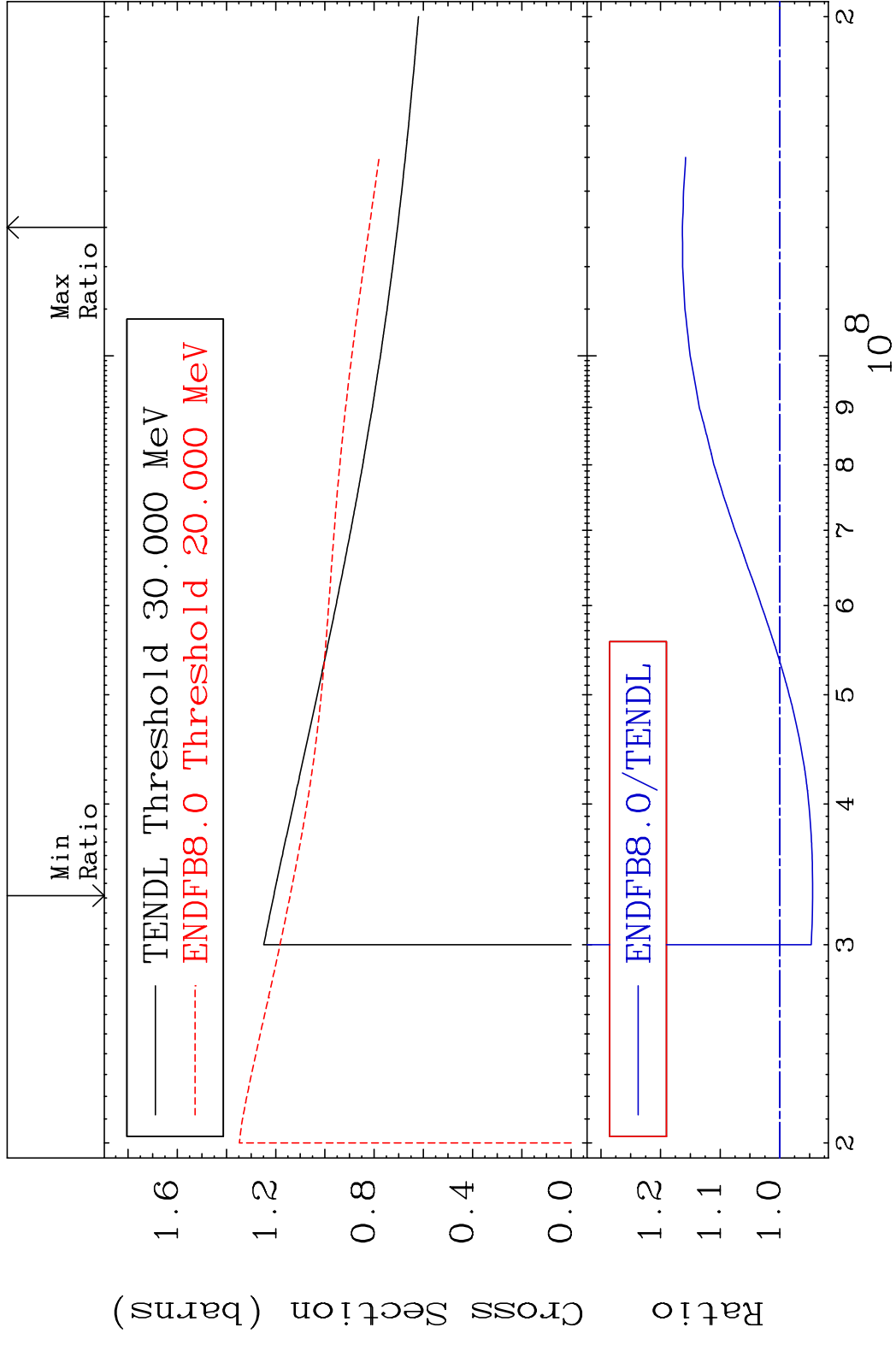
28-Ni-60

MAT 2831 Inelastic 28-Ni-60  
 Cross Section -100.0 To 4.998 %



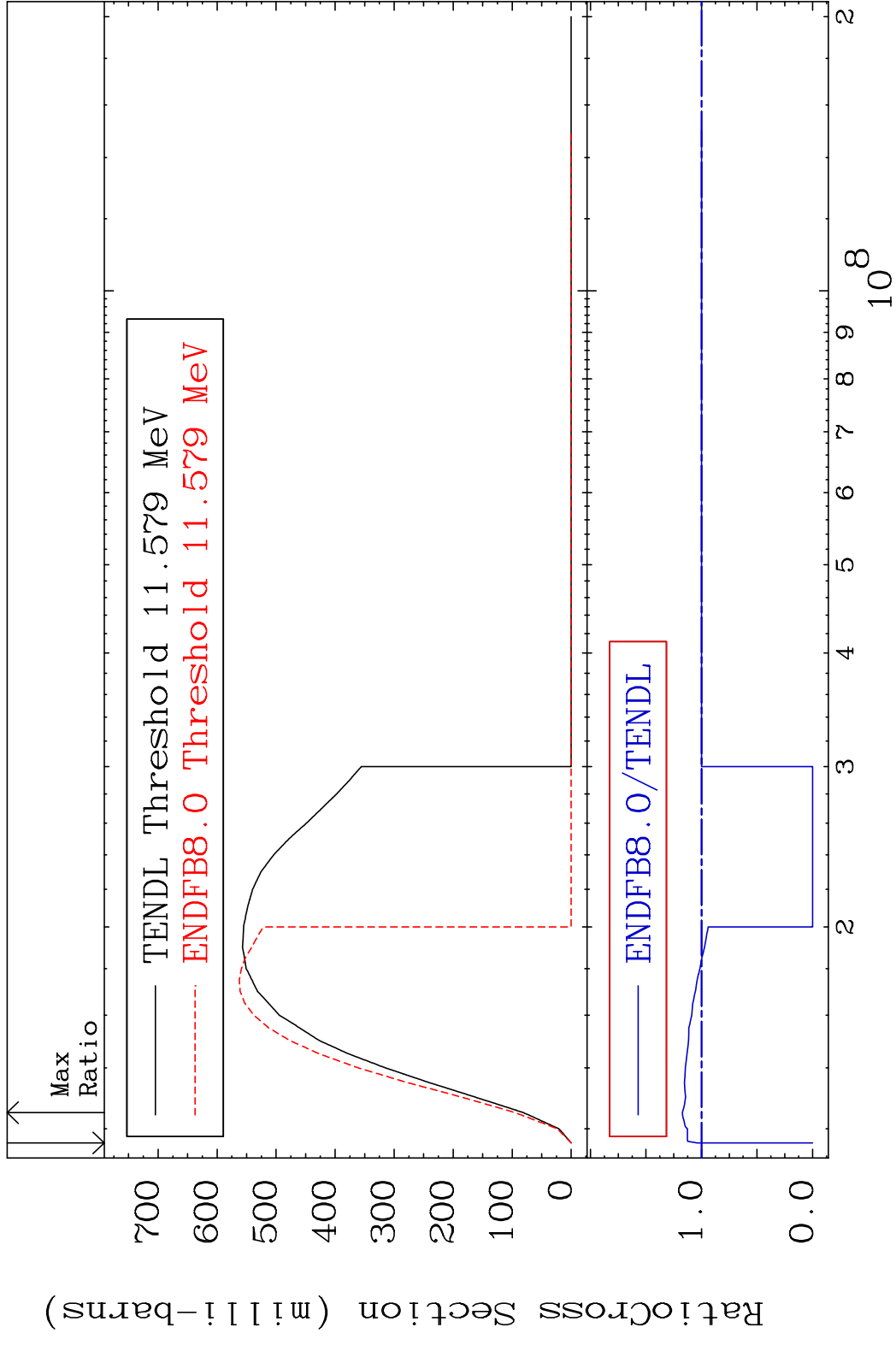
3 Incident Energy (eV) 28-Ni-60

MAT 2831 (n, remainder) 28-Ni-60  
 Cross Section -5.499 To 16.34 %

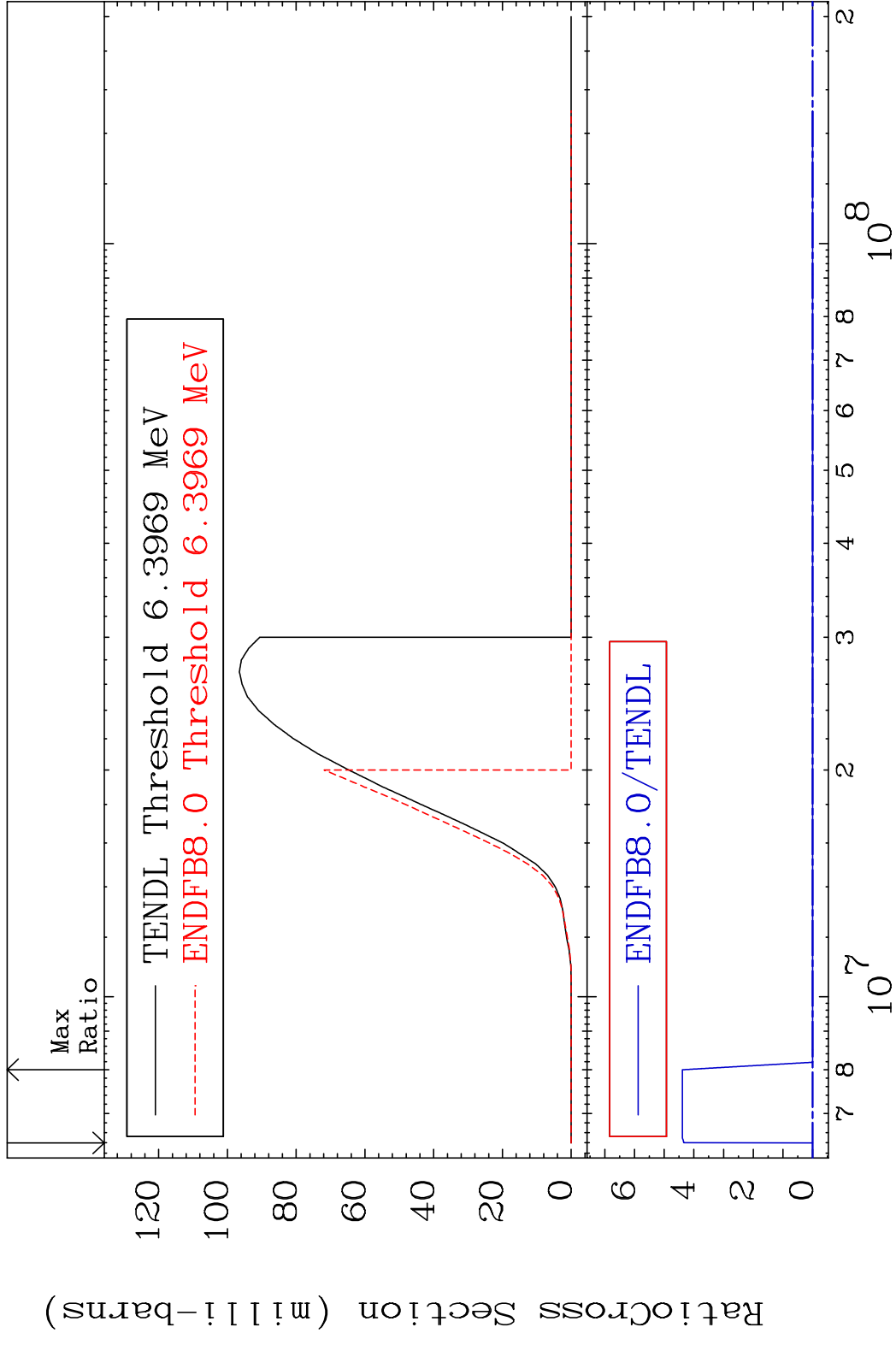


4 Incident Energy (eV) 28-Ni-60

MAT 2831 (n,2n) 28-Ni-60  
 Cross Section -100.0 To 17.25 %



MAT 2831 (n, n')  $\alpha$  28-Ni-60  
 Cross Section -100.0 To 9999. %



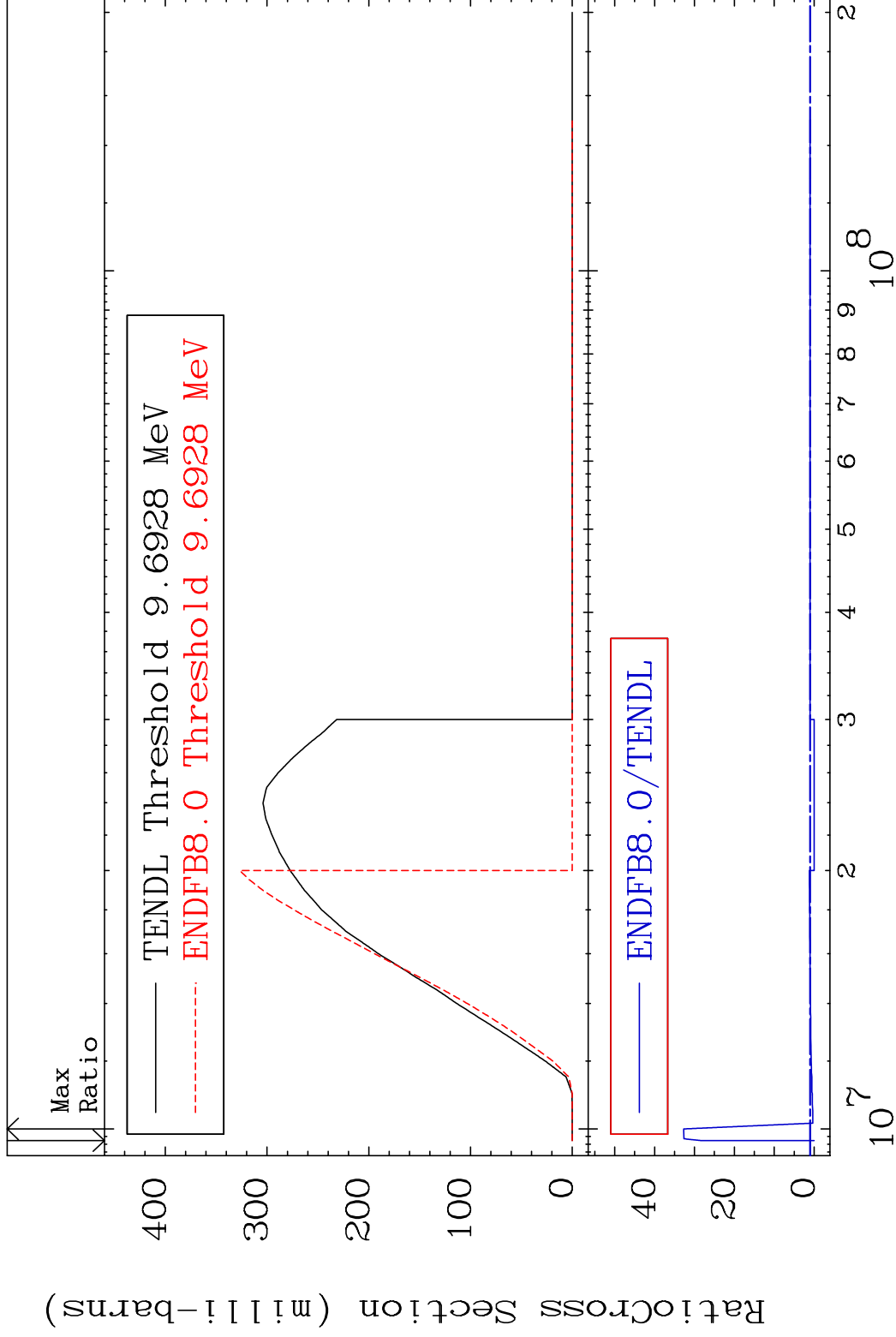
6 28-Ni-60

MAT 2831

(n, n') p

<sup>28</sup>Ni-60

Cross Section -100.0 To 3171. %



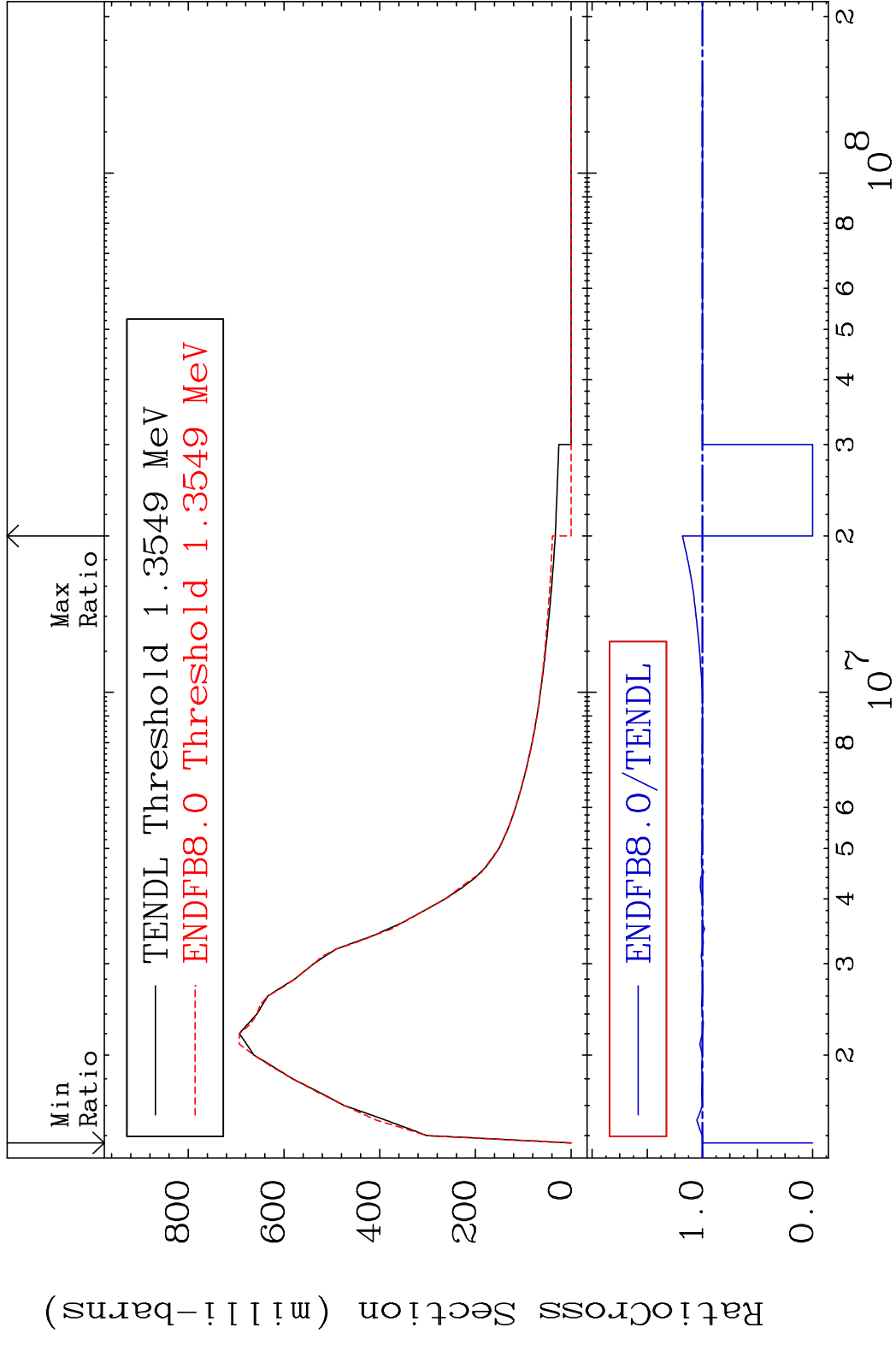
7

Incident Energy (eV)

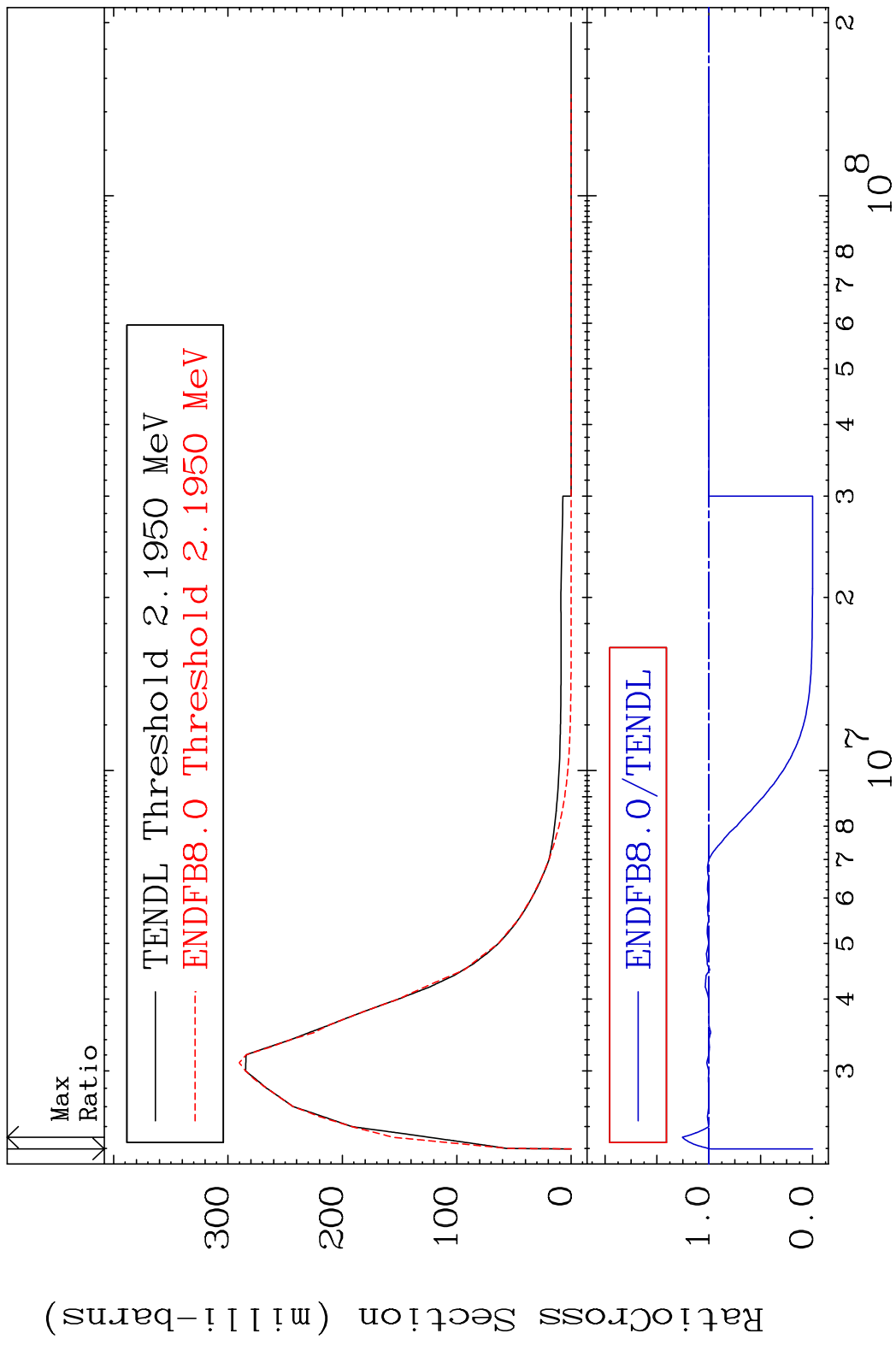
<sup>28</sup>Ni-60



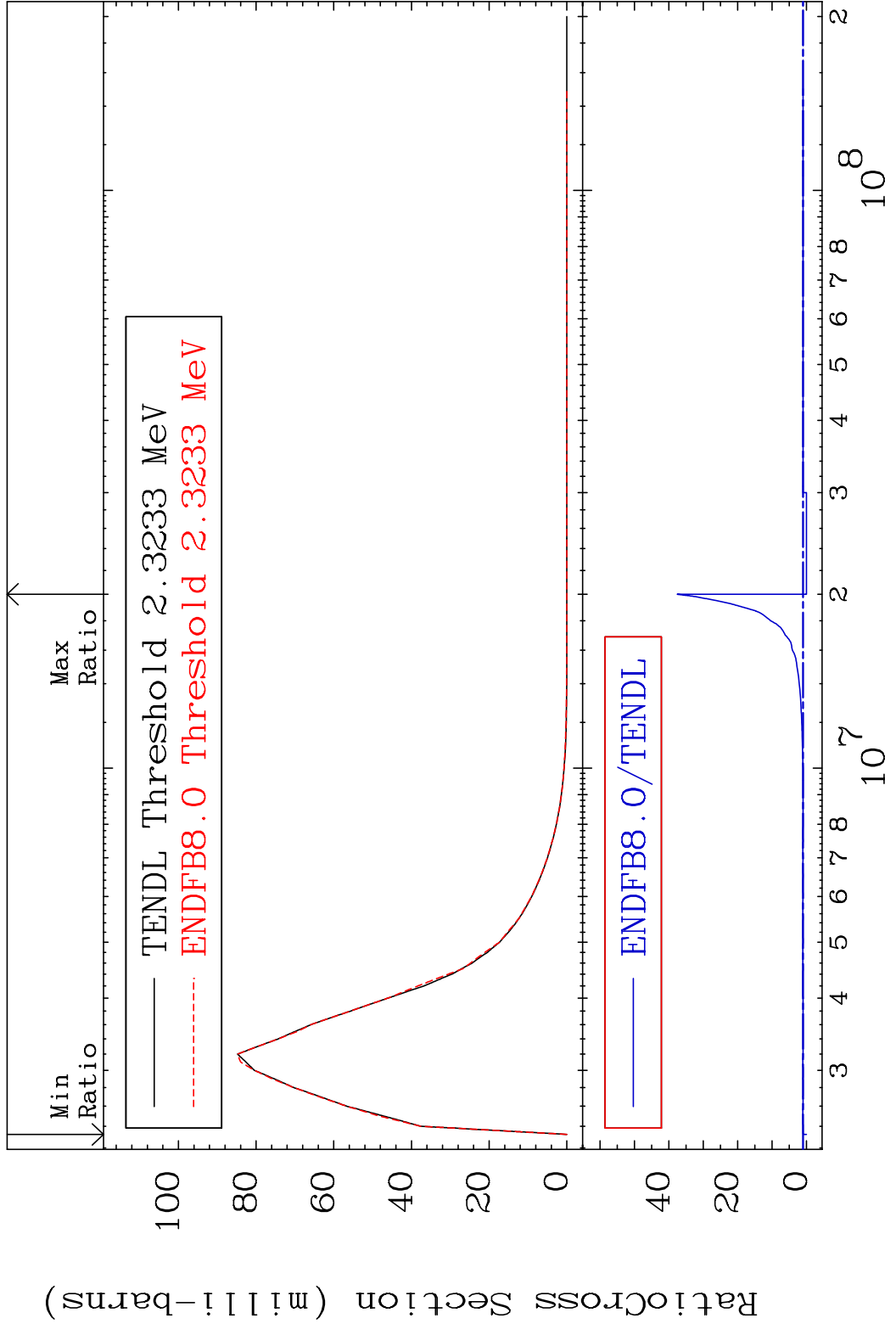
MAT 2831 MT= 51 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 18.15 %



MAT 2831 MT= 52 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 25.51 %

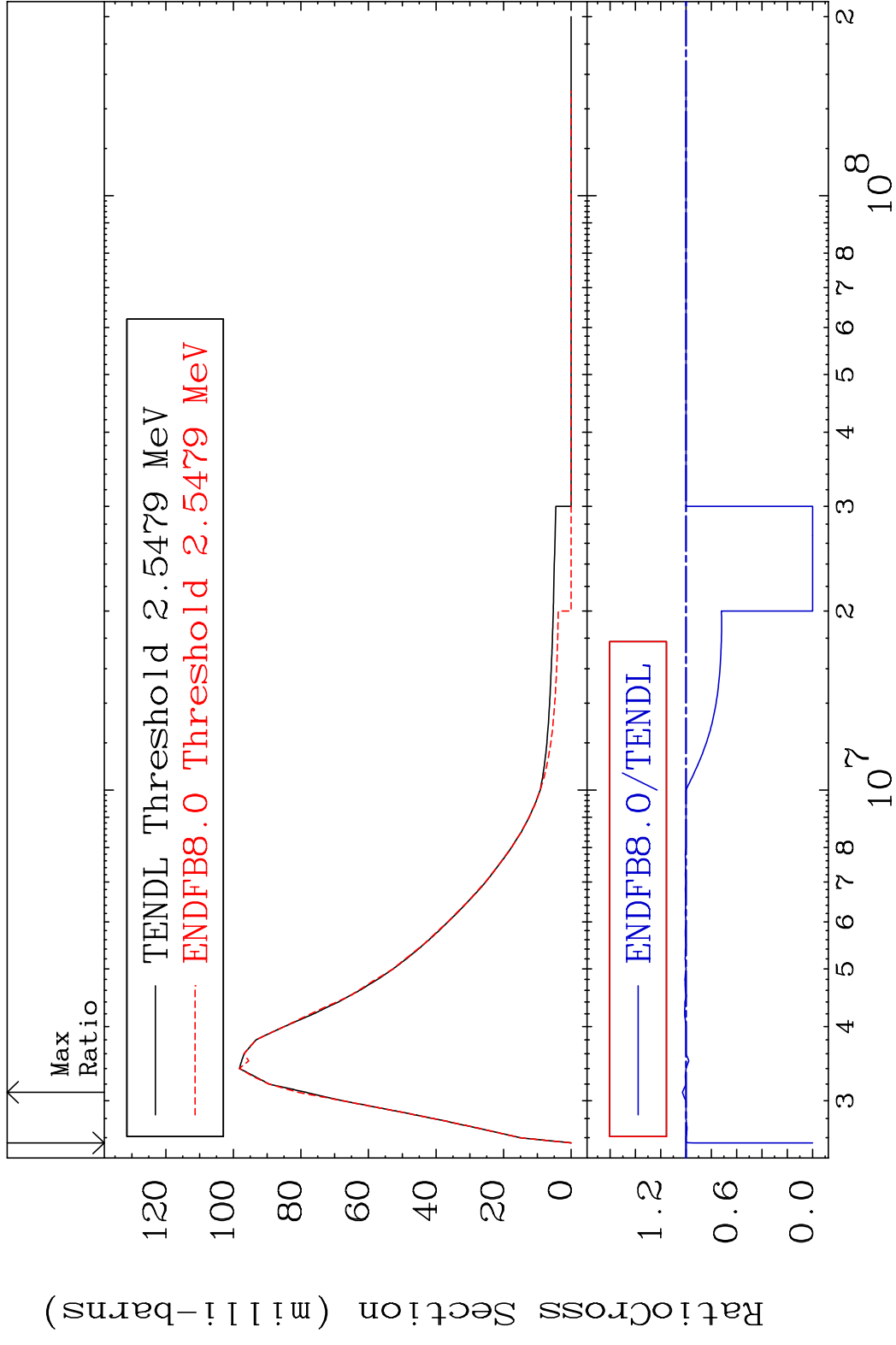


MAT 2831 MT= 53 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 3658. %

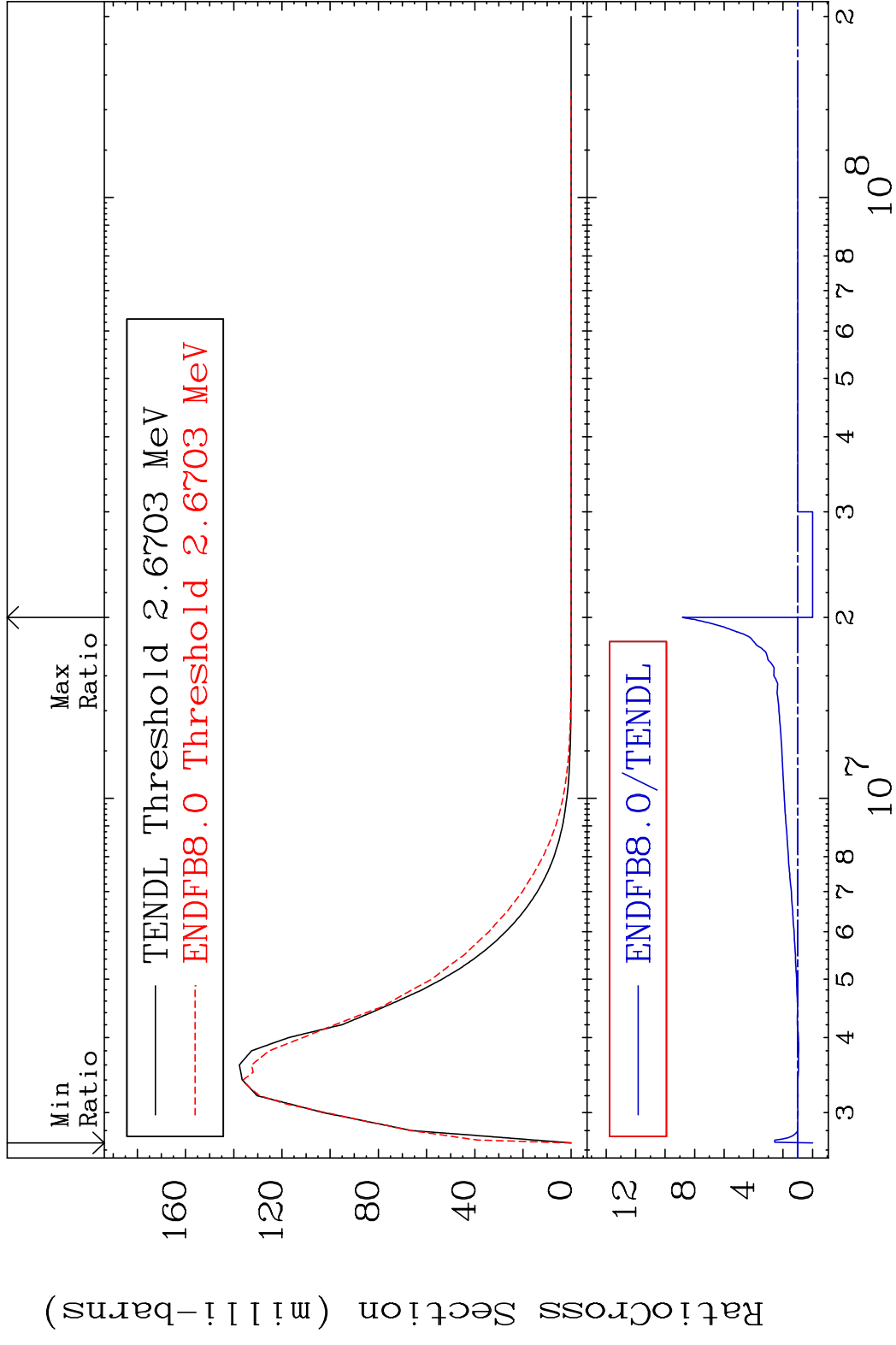


10 100 28-Ni-60

MAT 2831 MT= 54 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 2.902 %

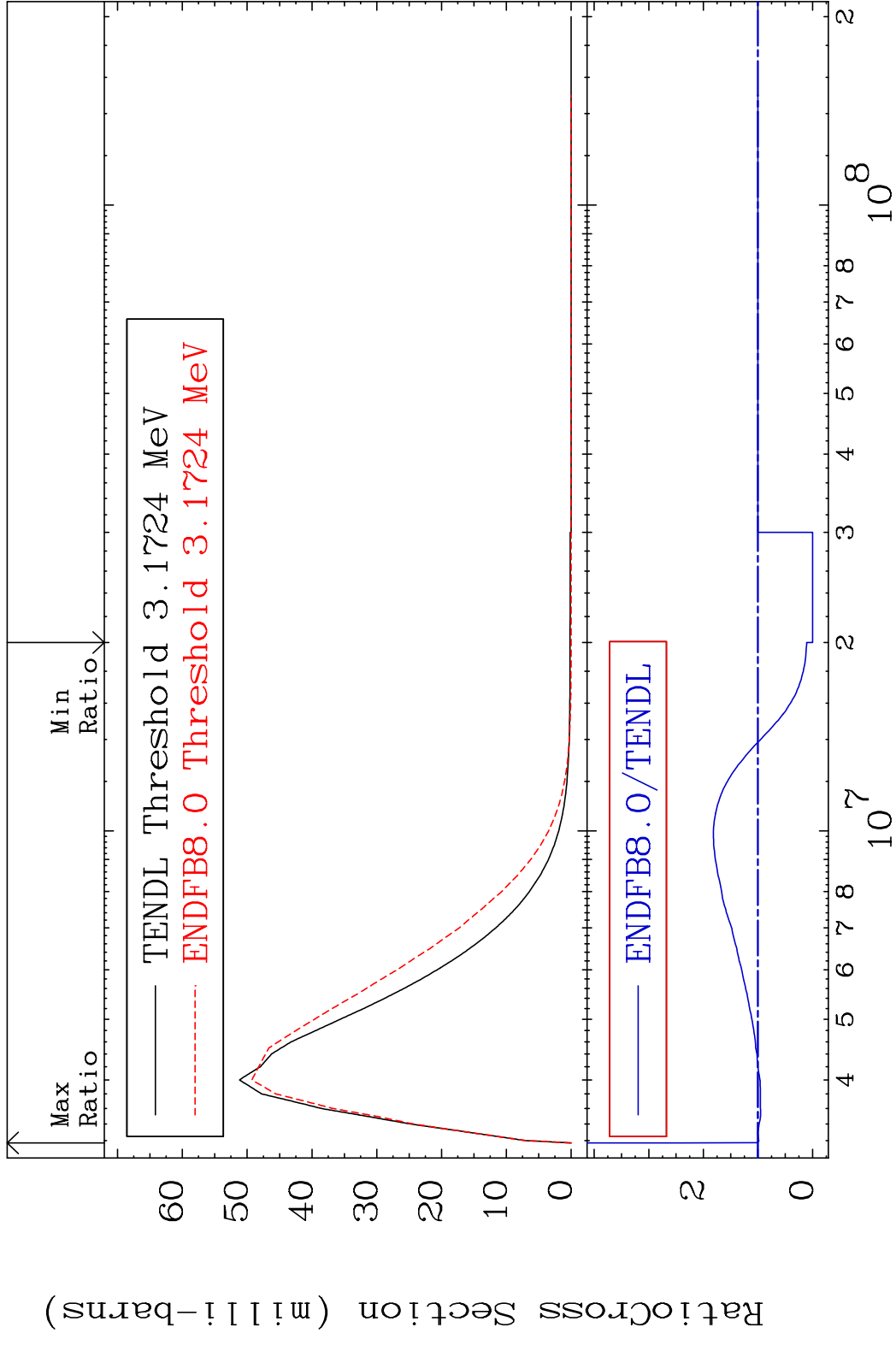


MAT 2831 MT= 55 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 783.1 %

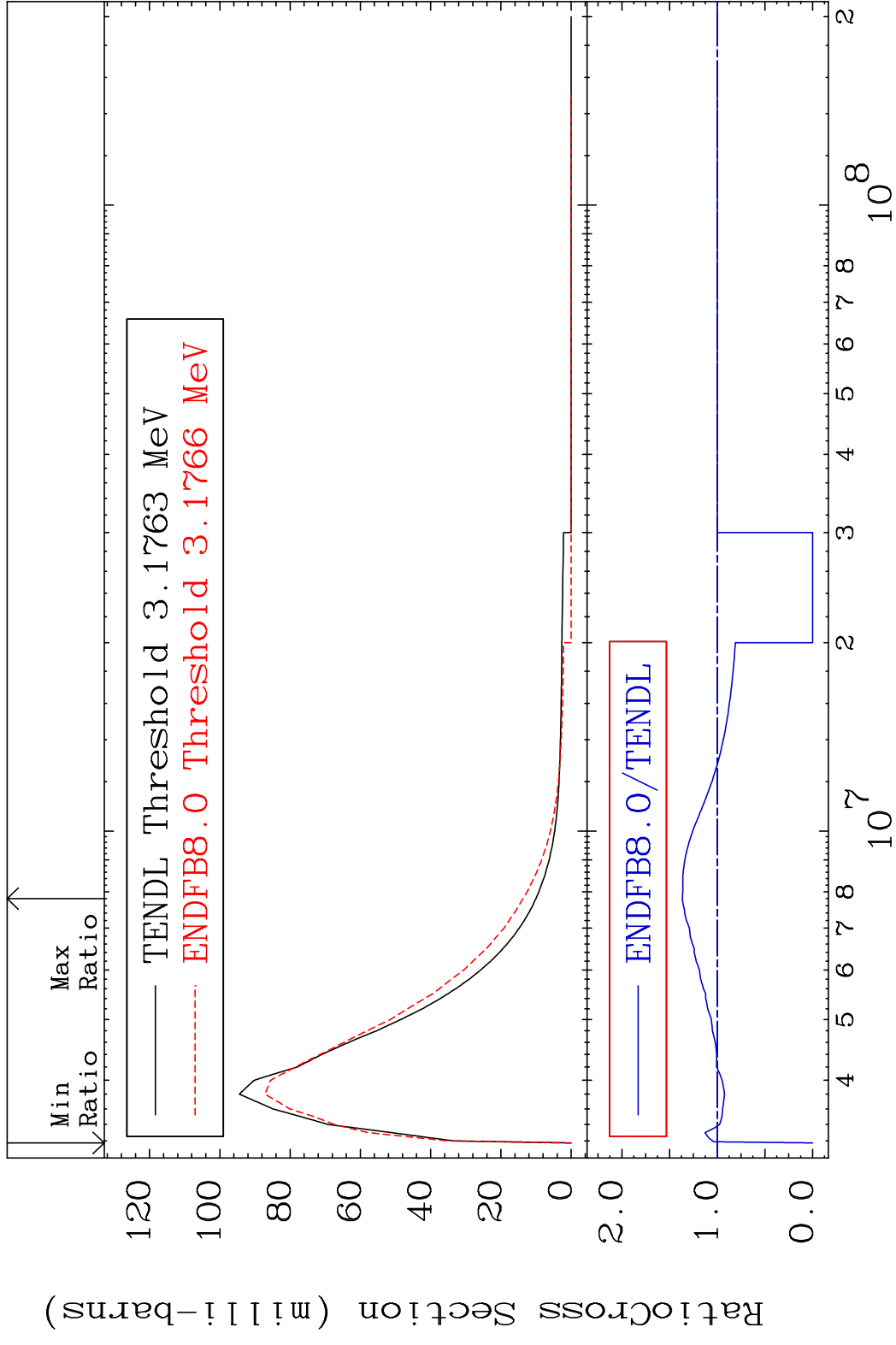


12 28-Ni-60

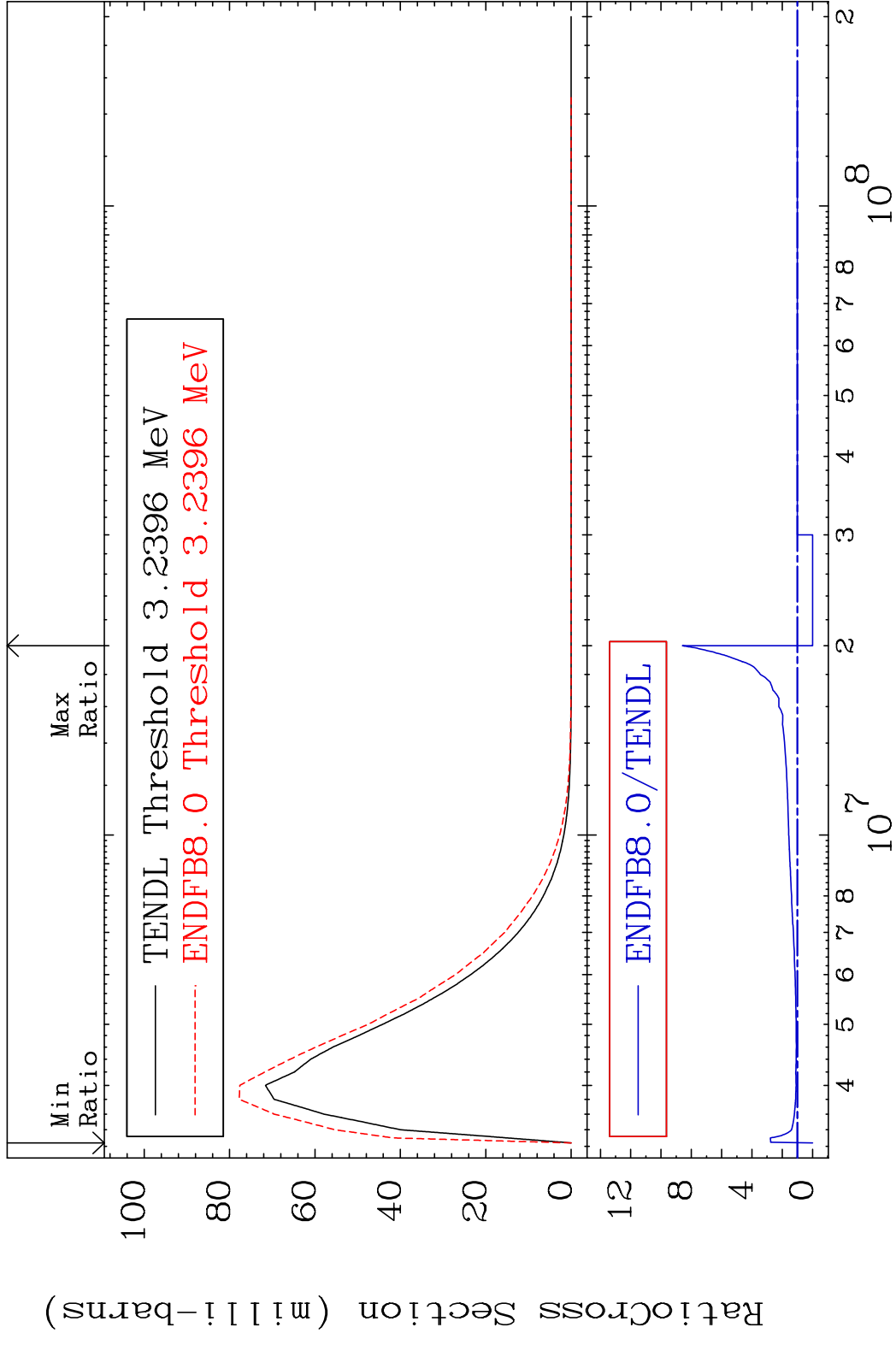
MAT 2831 MT= 56 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 138.5 %



MAT 2831 MT= 57 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 36.55 %

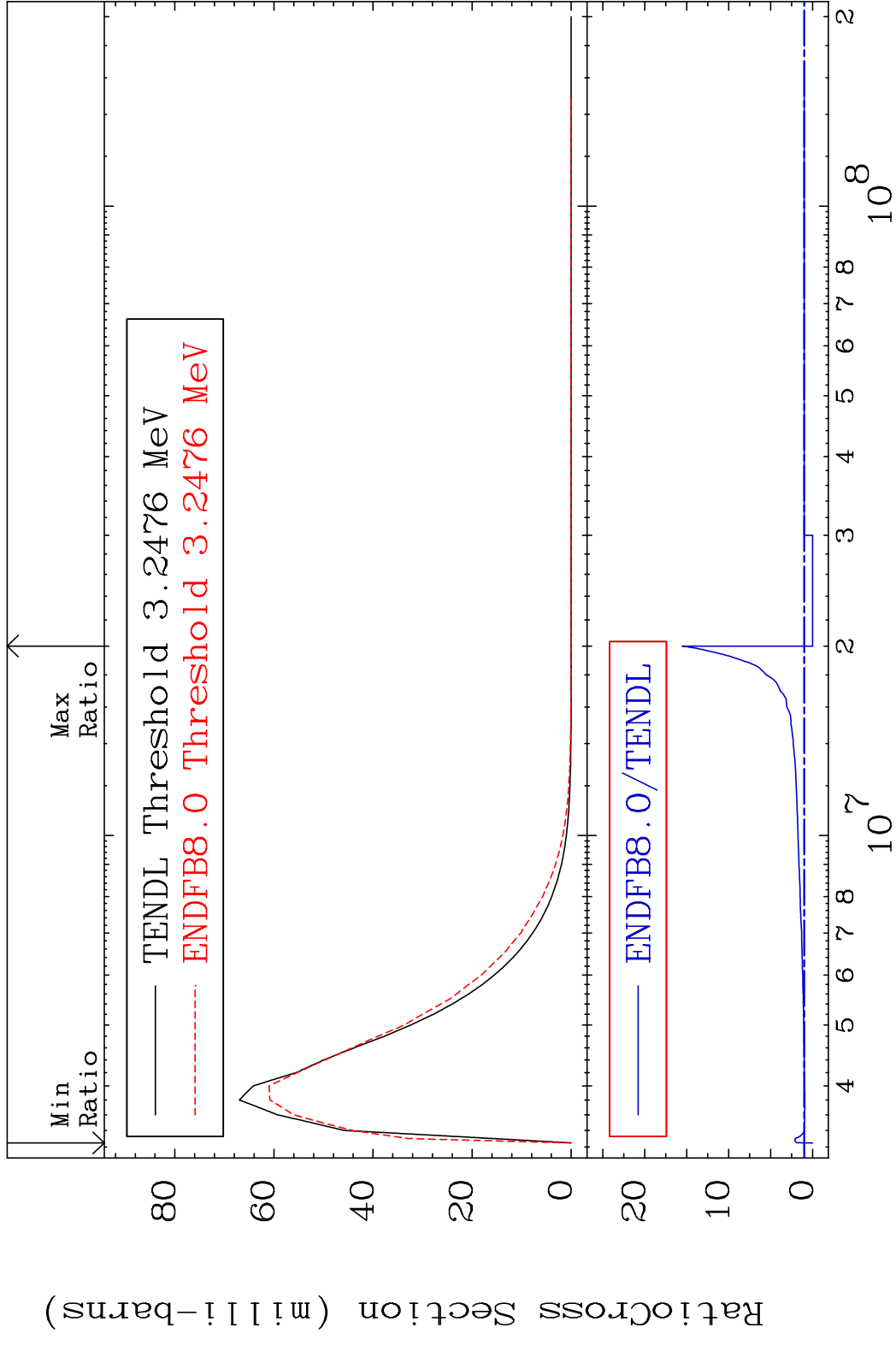


MAT 2831 MT= 58 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 759.2 %

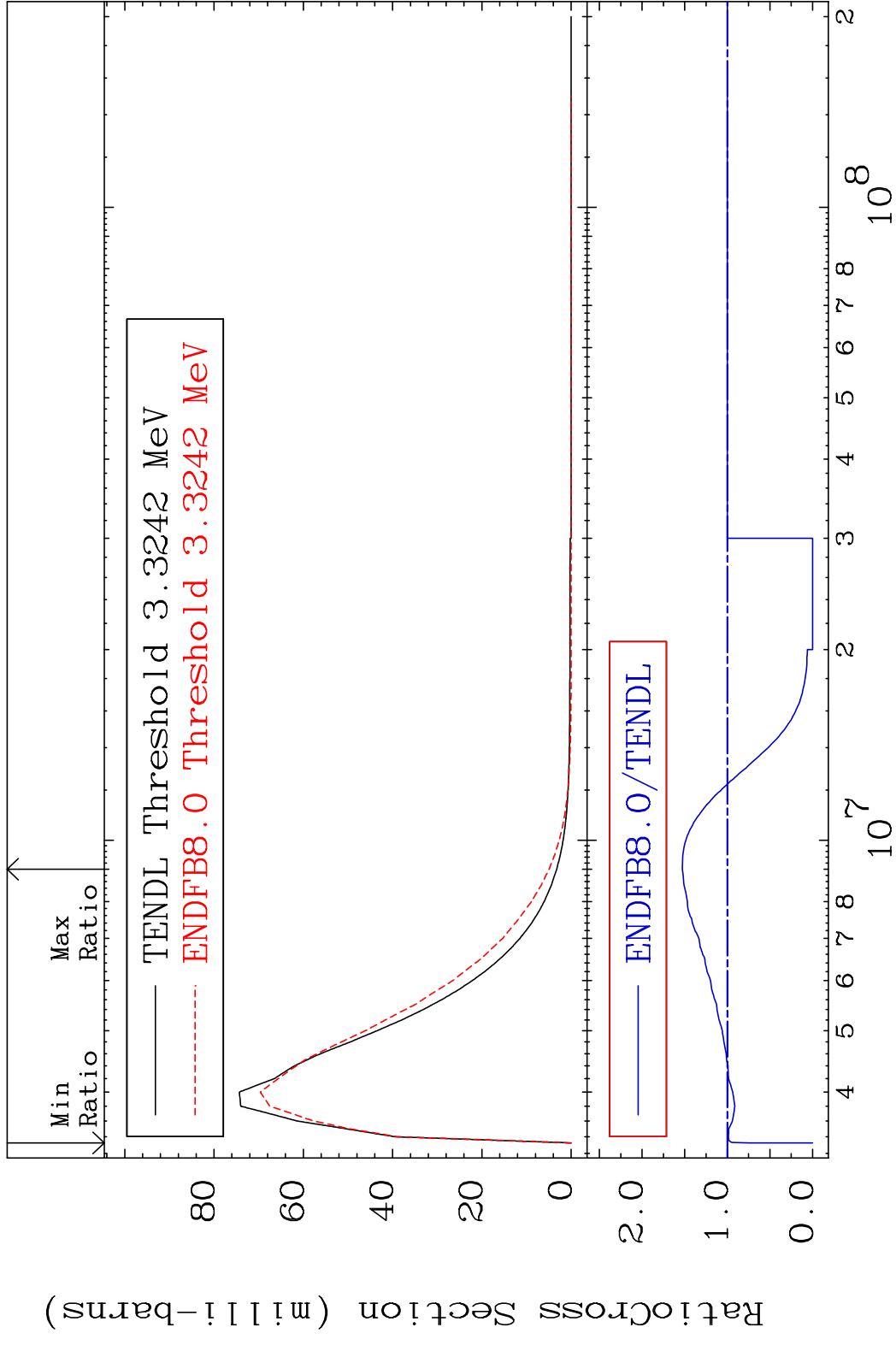




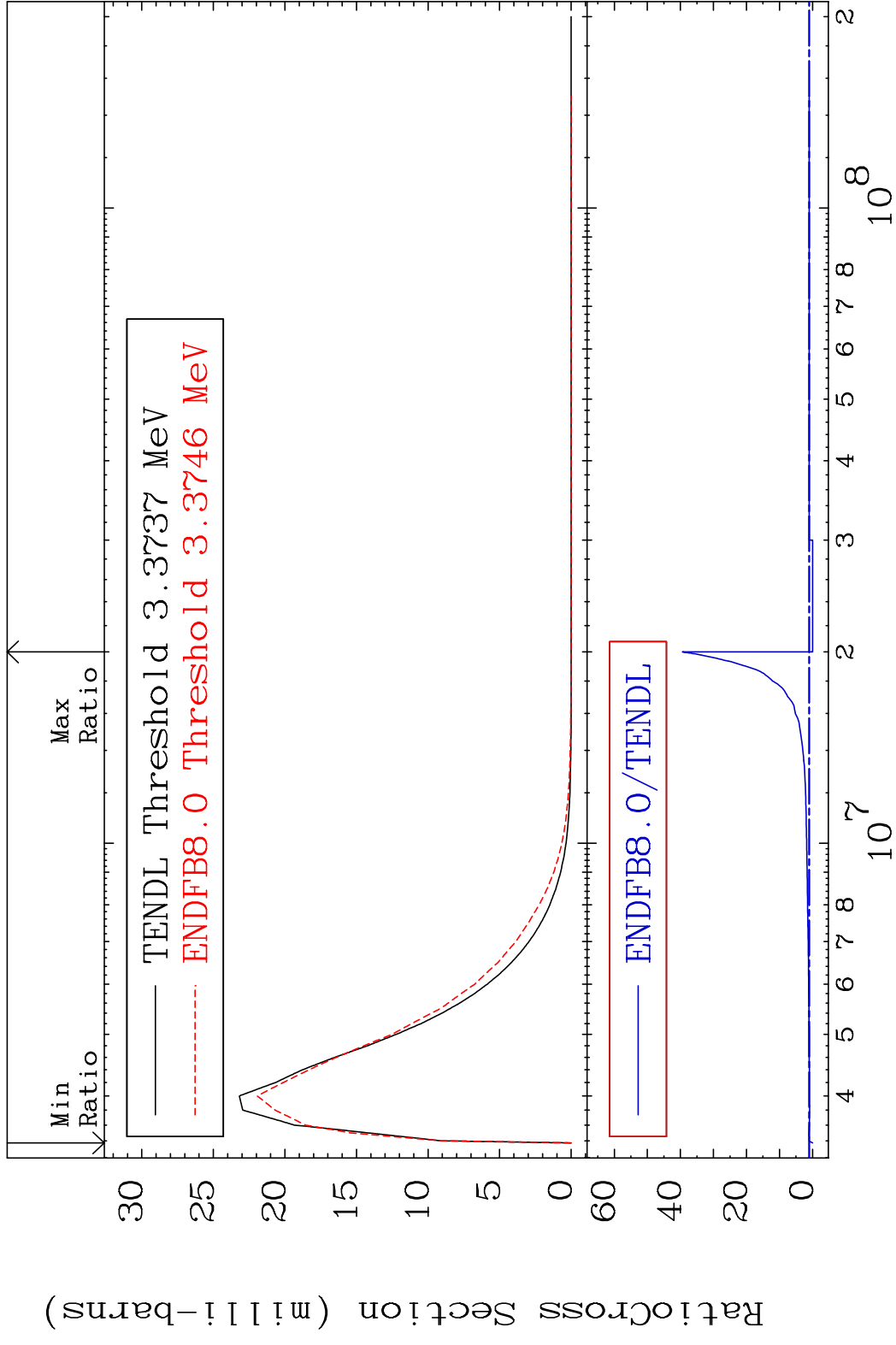
MAT 2831 MT= 59 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 1452. %



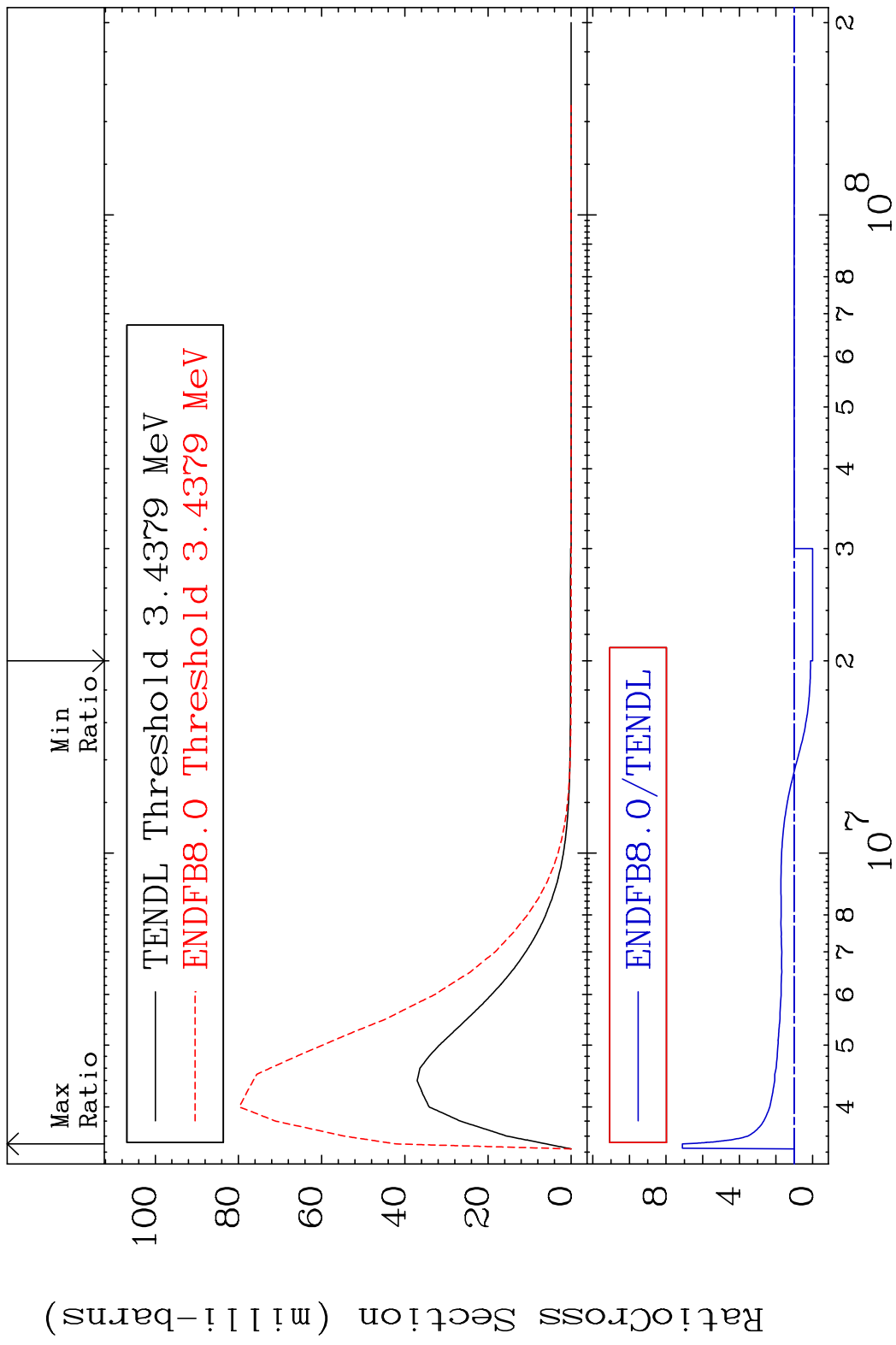
MAT 2831 MT= 60 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 52.77 %



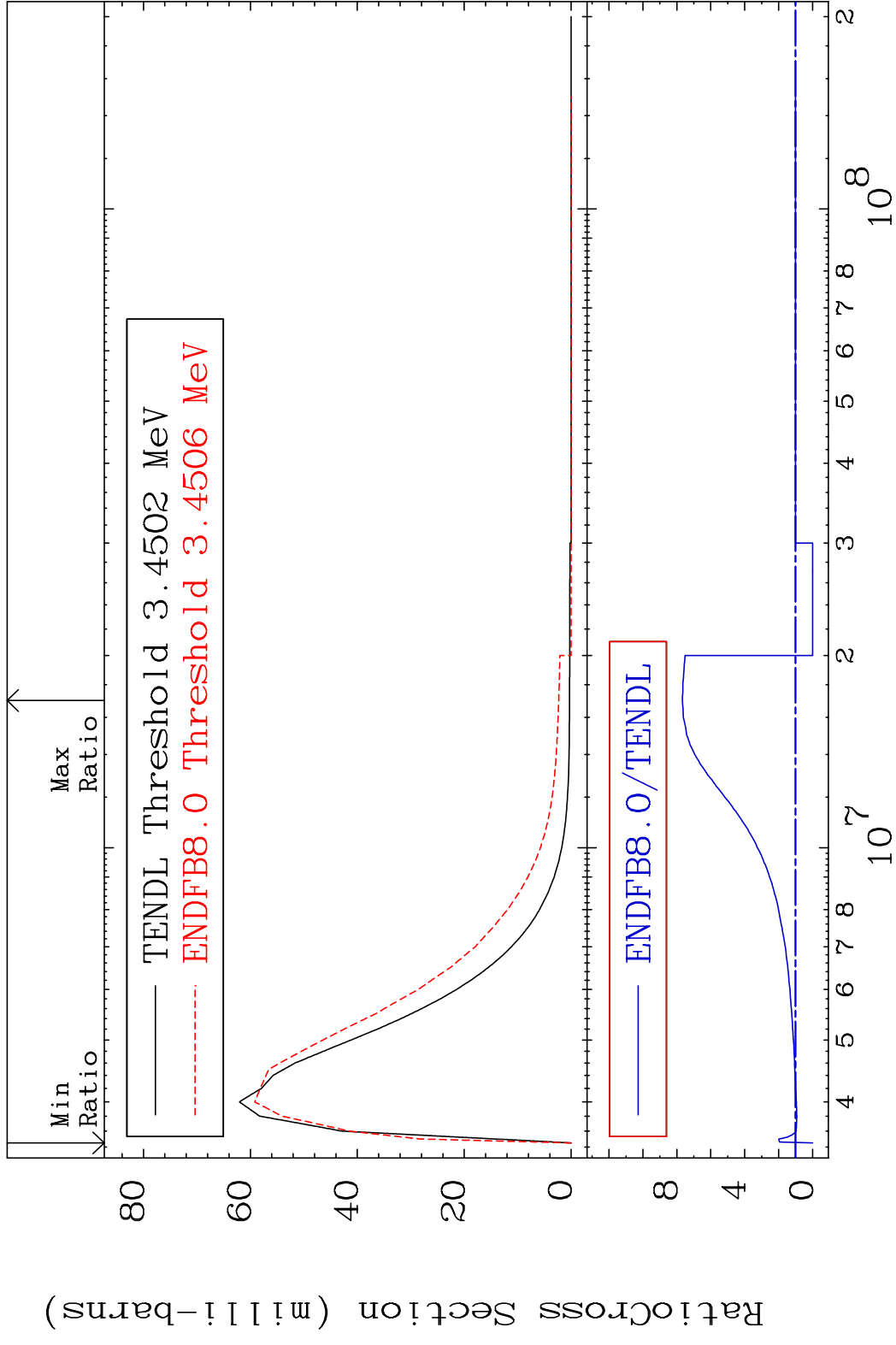
MAT 2831 MT= 61 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 3841. %



MAT 2831 MT= 62 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 610.9 %



MAT 2831 MT= 63 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 667.6 %

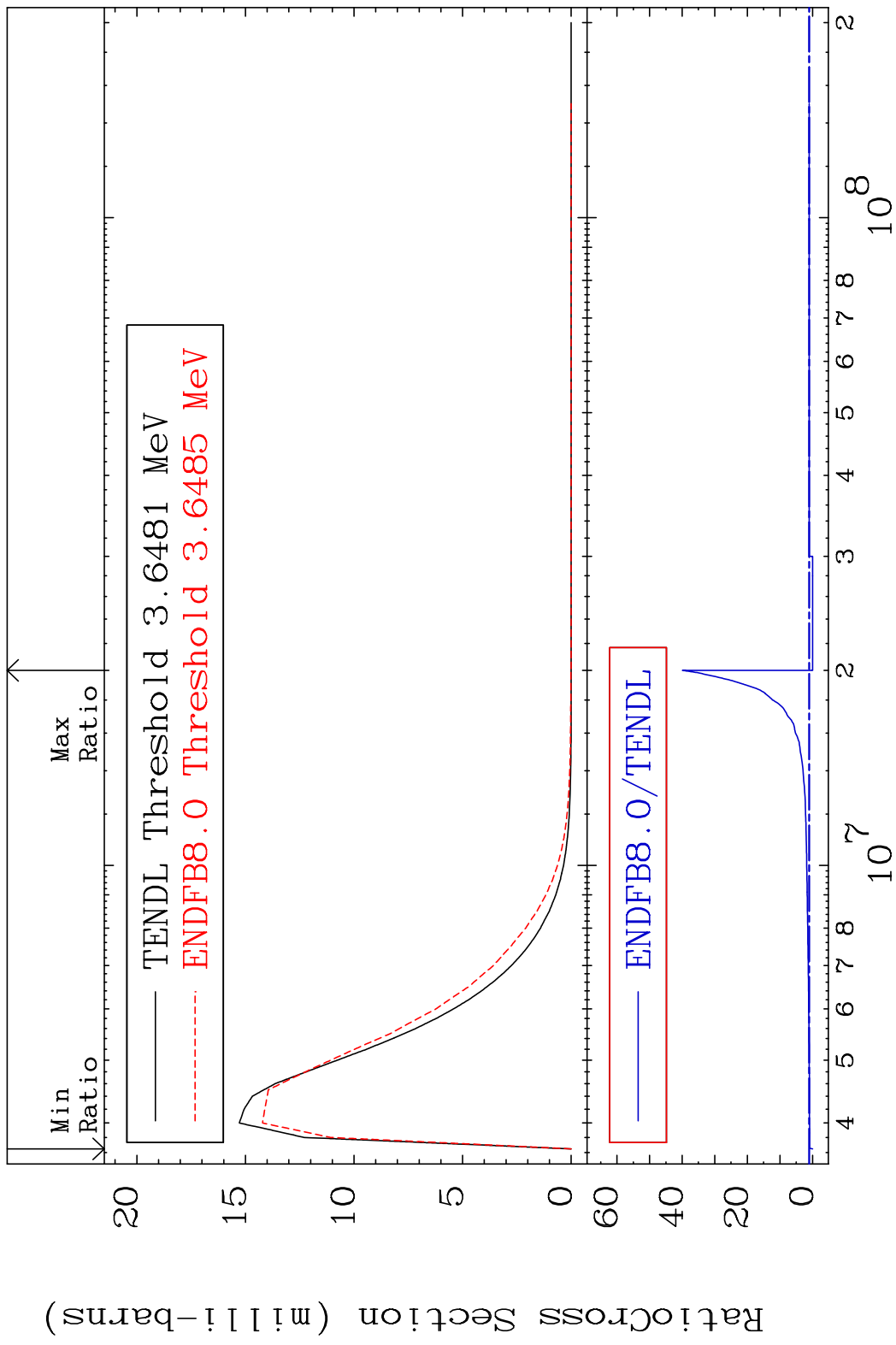


20

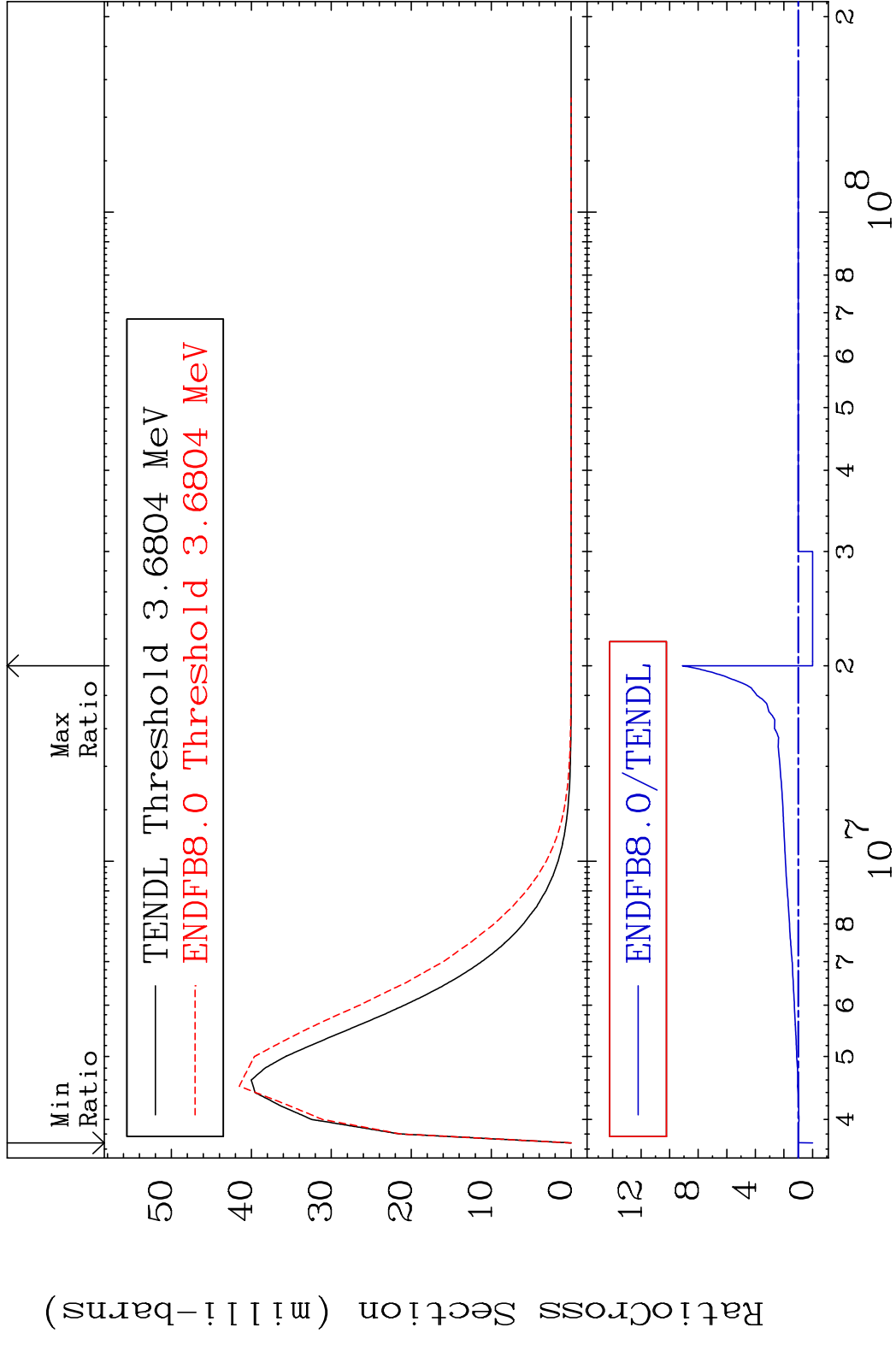
Incident Energy (eV)

28-Ni-60

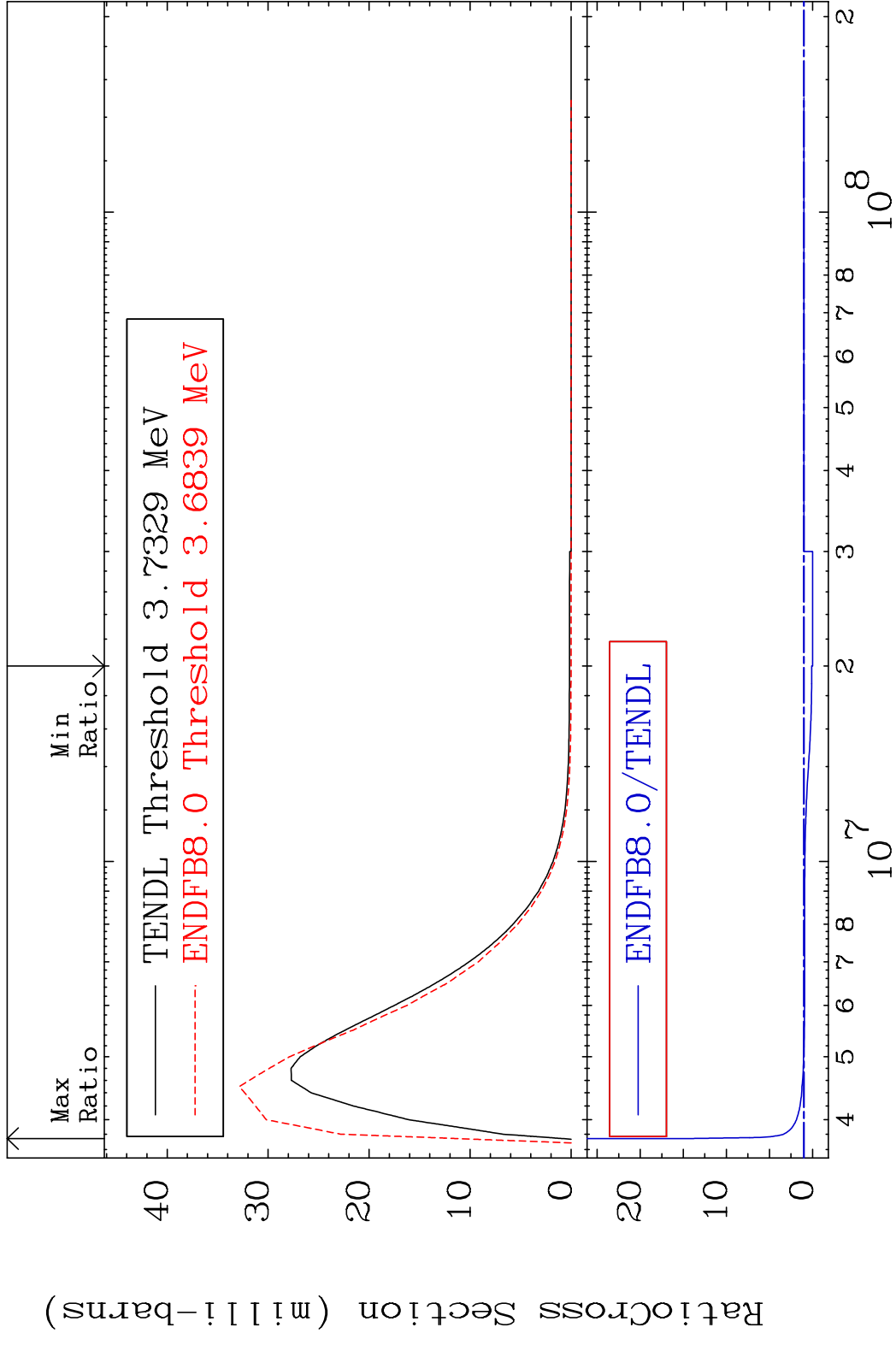
MAT 2831 MT= 64 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 3894. %



MAT 2831 MT= 65 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 811.2 %

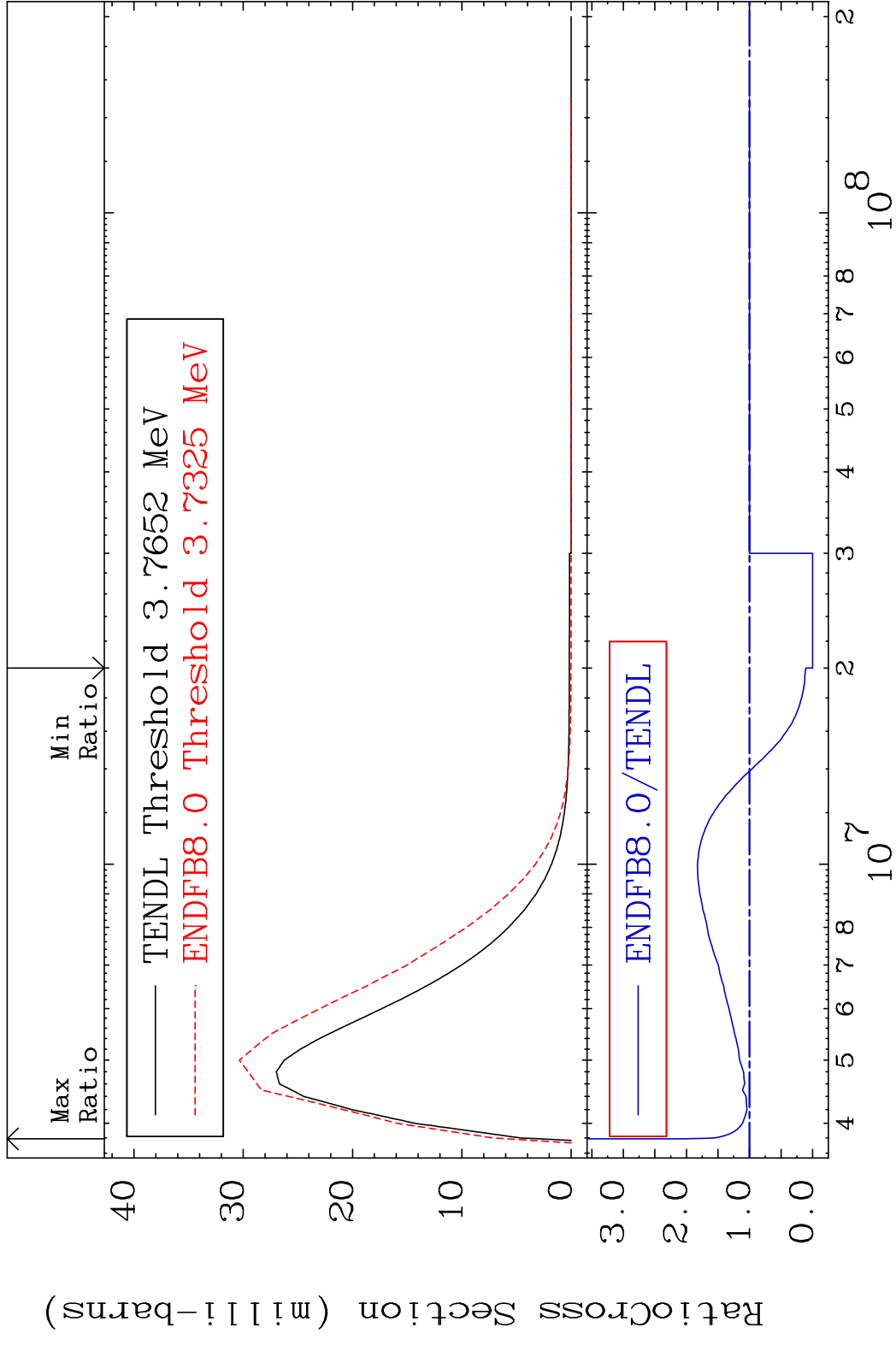


MAT 2831 MT= 66 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 1411. %

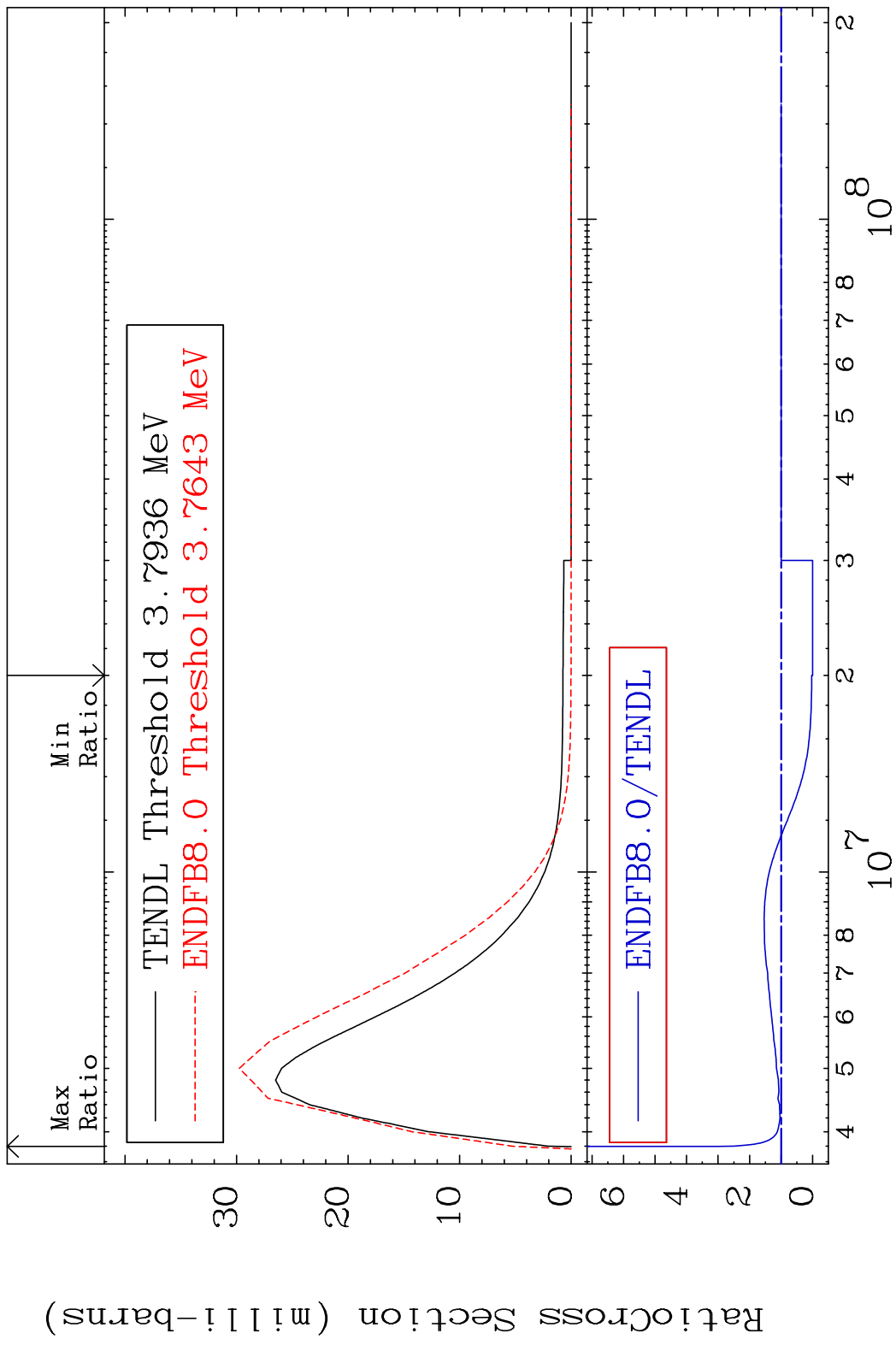




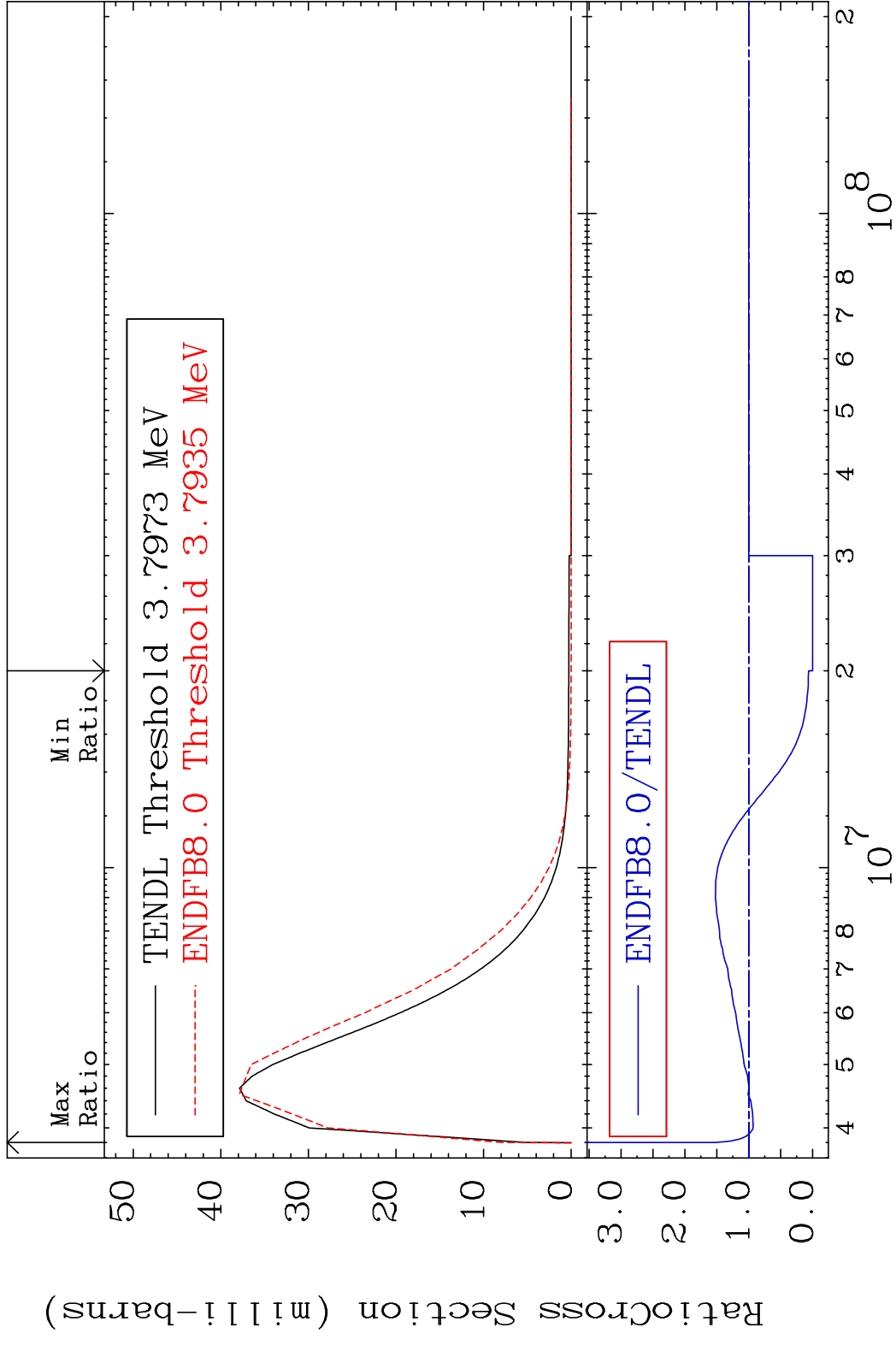
MAT 2831 MT= 67 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 106.5 %



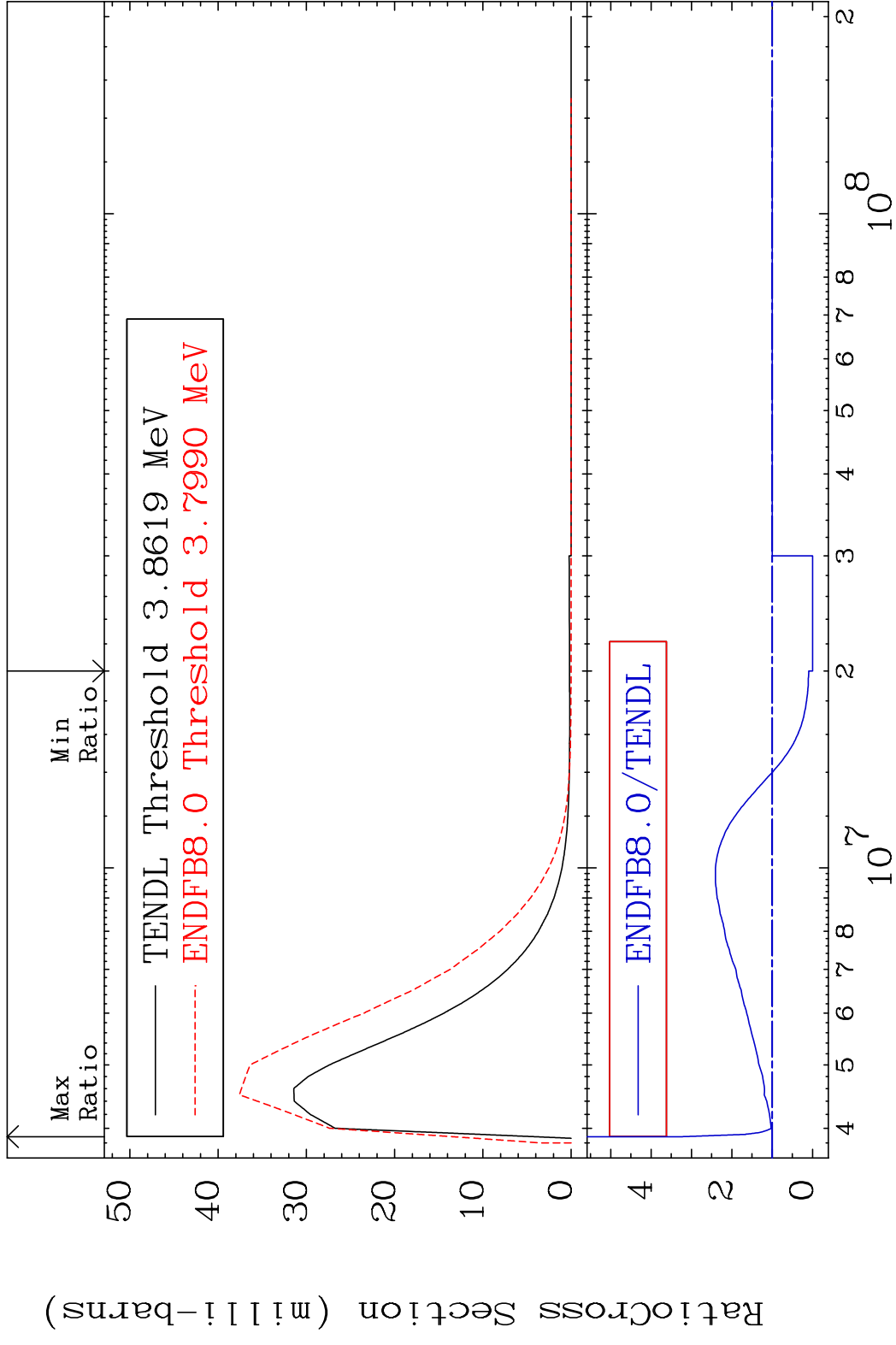
MAT 2831 MT= 68 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 313.4 %



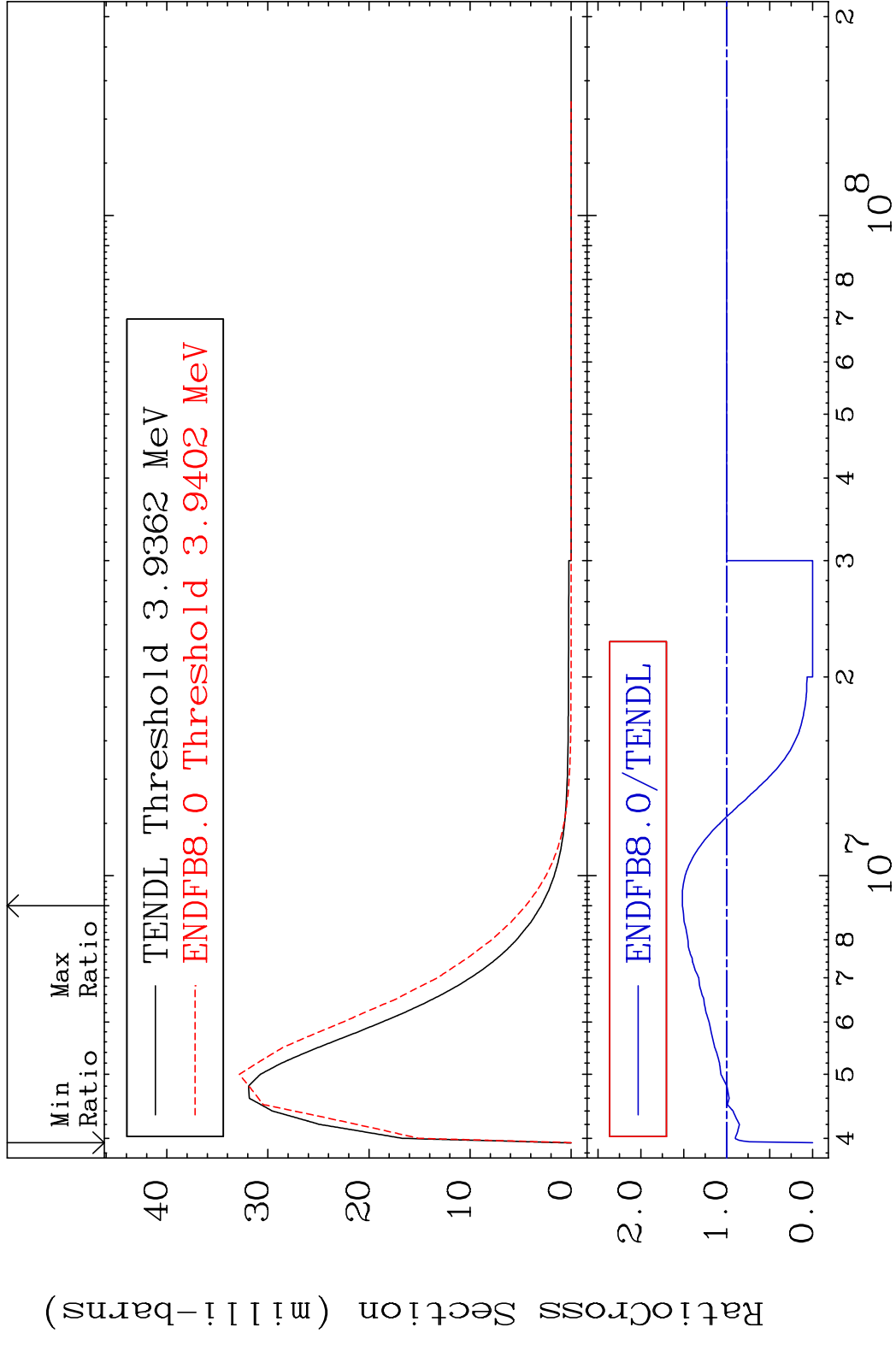
MAT 2831 MT= 69 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 104.0 %



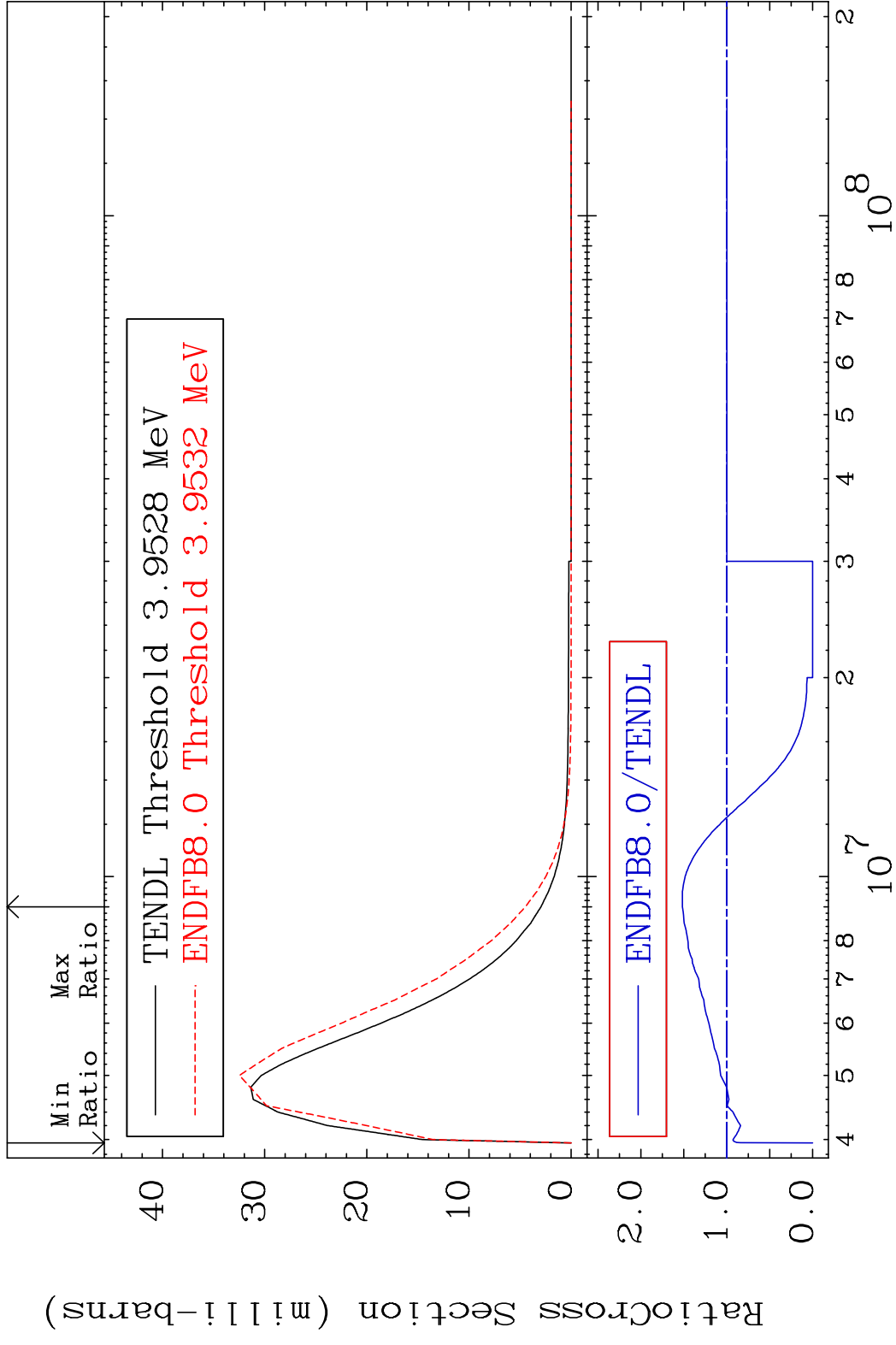
MAT 2831 MT= 70 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 222.5 %



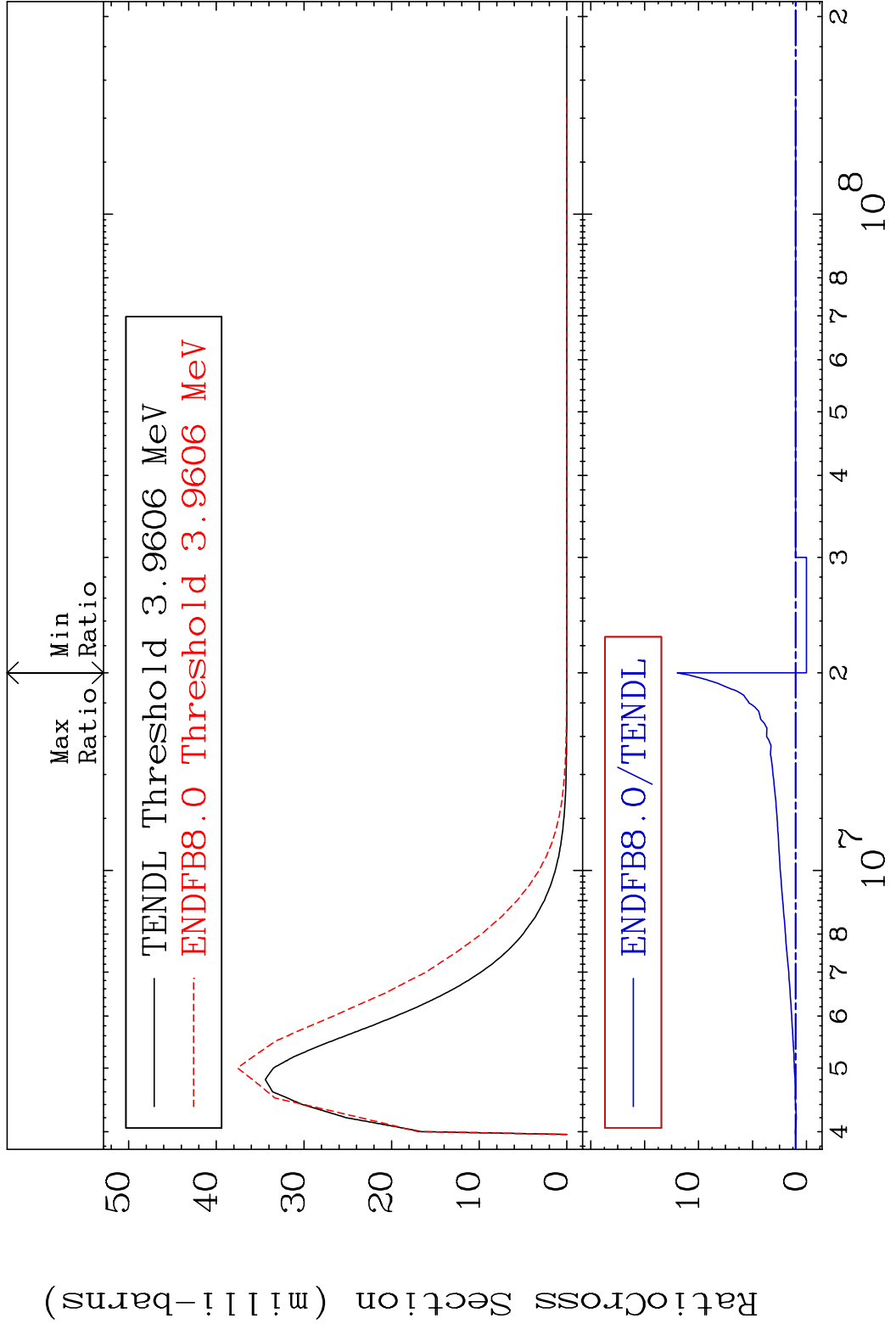
MAT 2831 MT= 71 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 51.67 %



MAT 2831 MT= 72 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 51.74 %

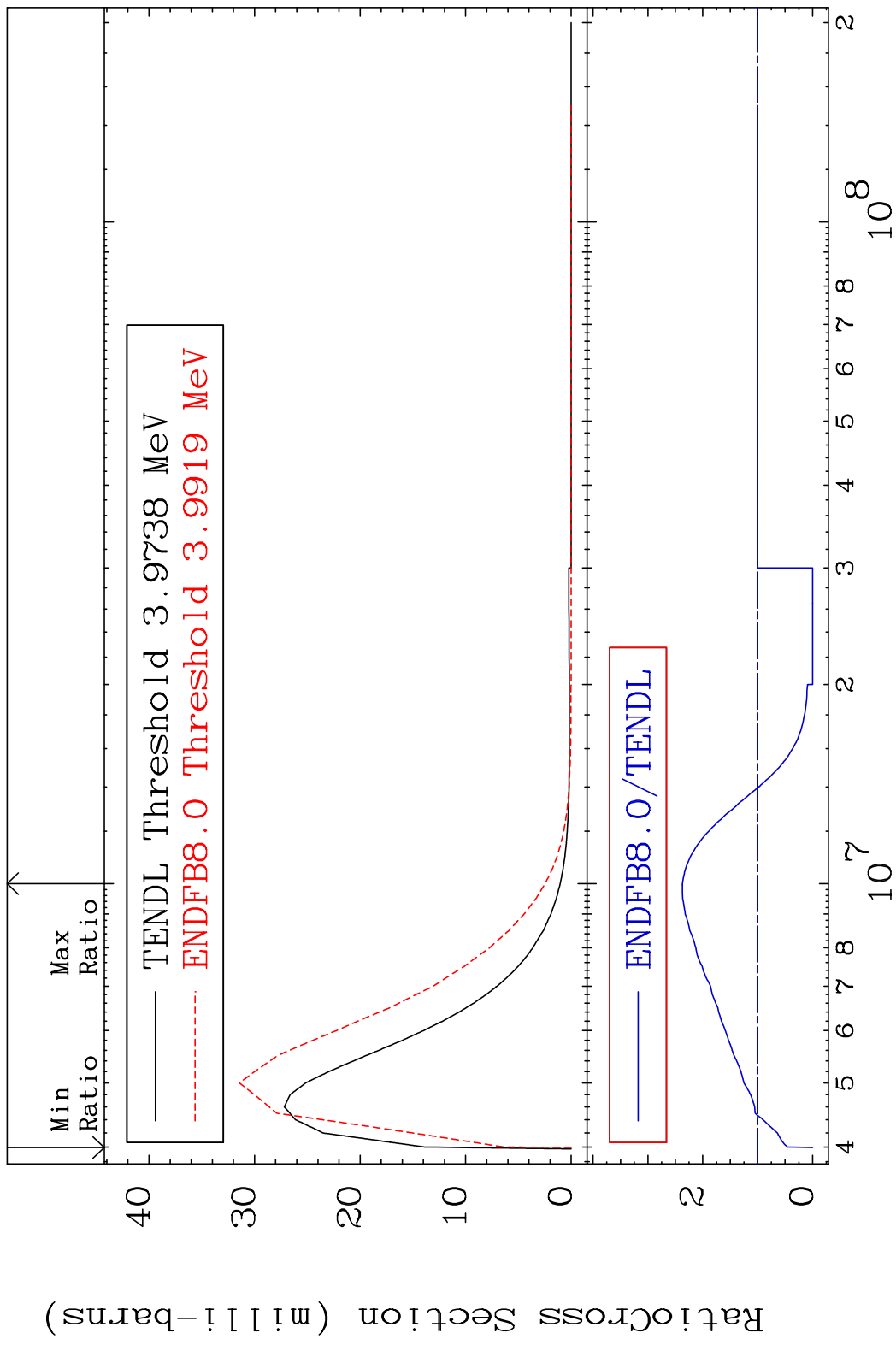


MAT 2831 MT= 73 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 1098. %



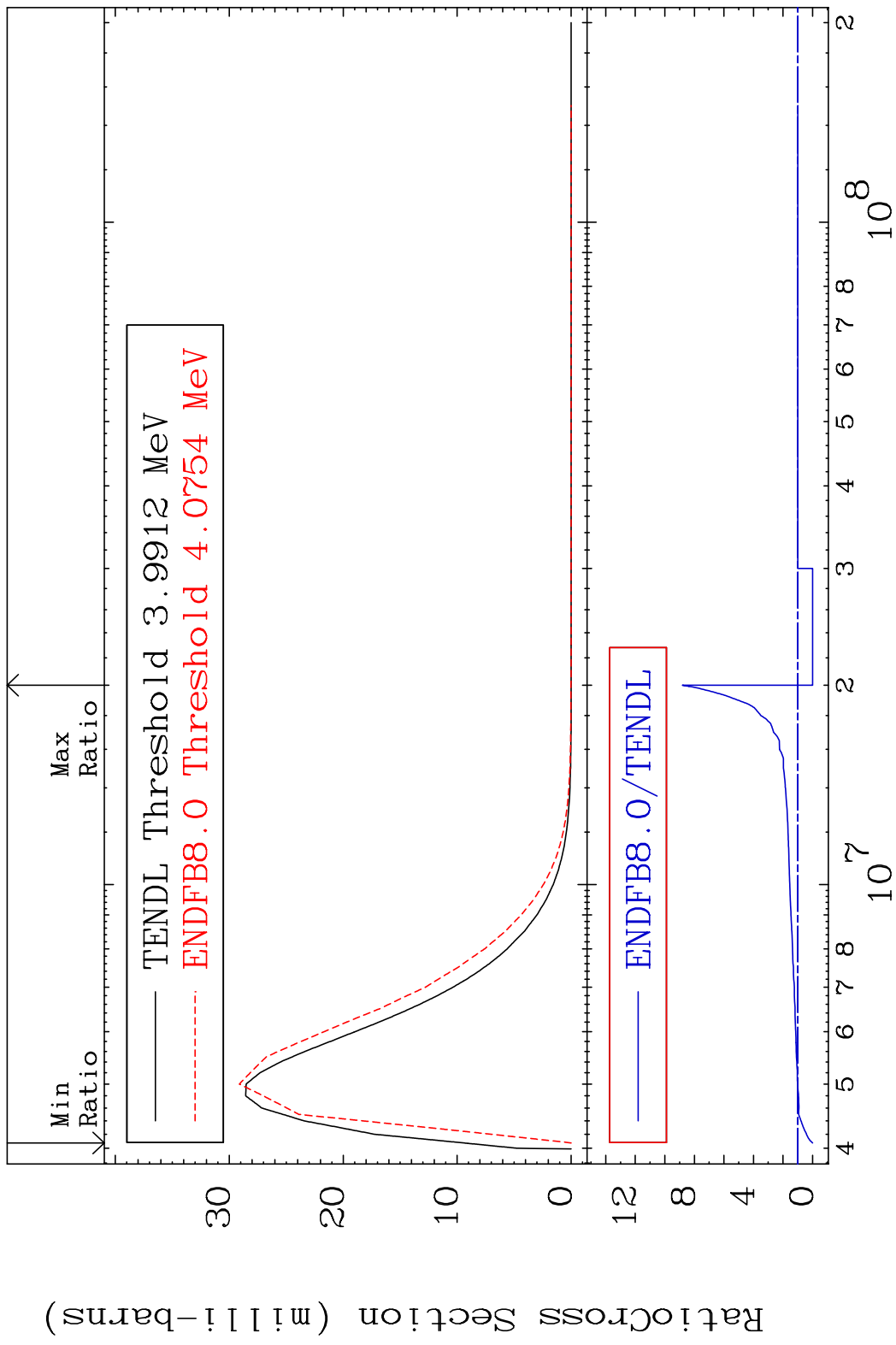
30 Incident Energy (eV) 28-Ni-60

MAT 2831 MT= 74 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 137.2 %

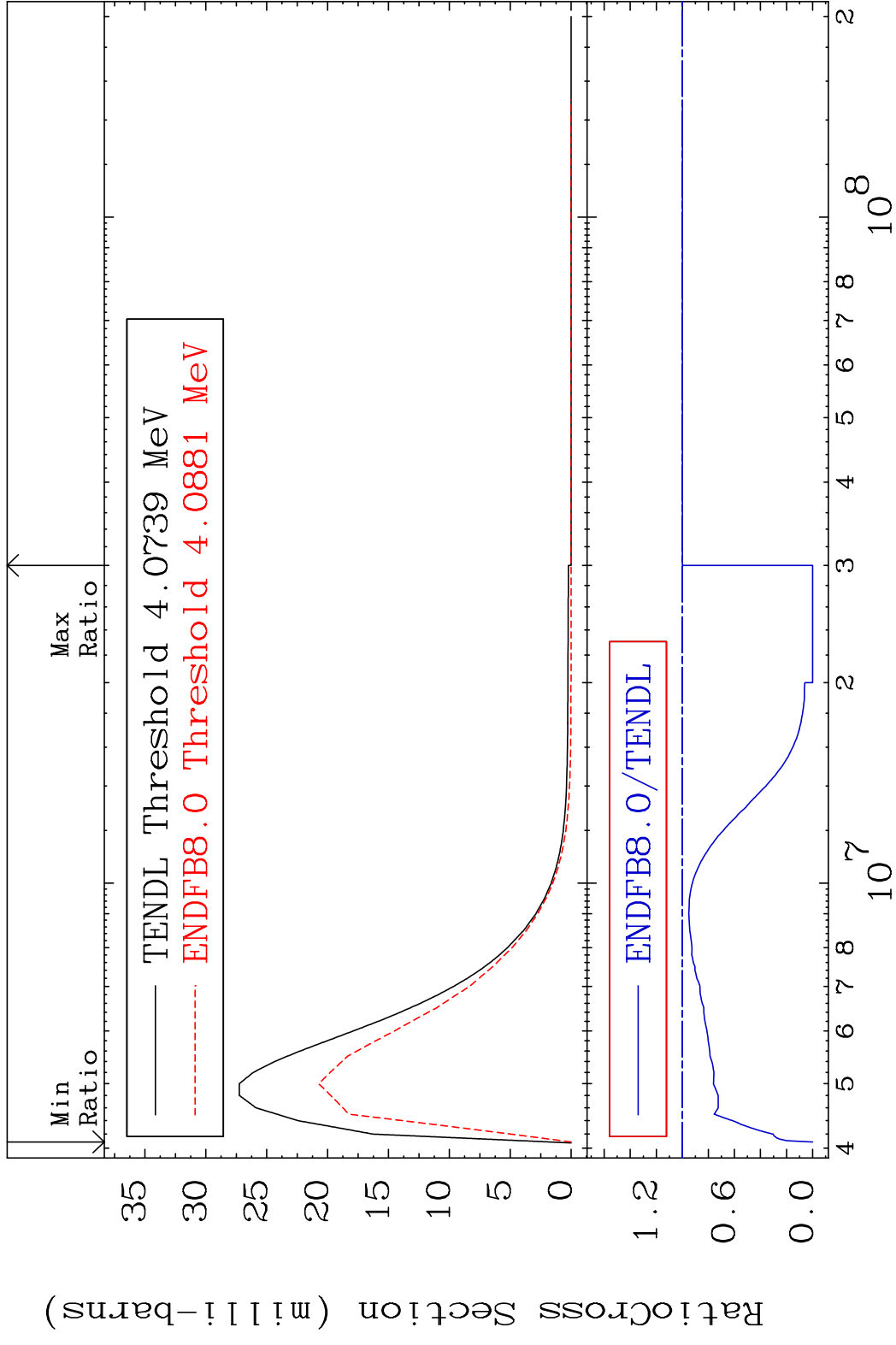




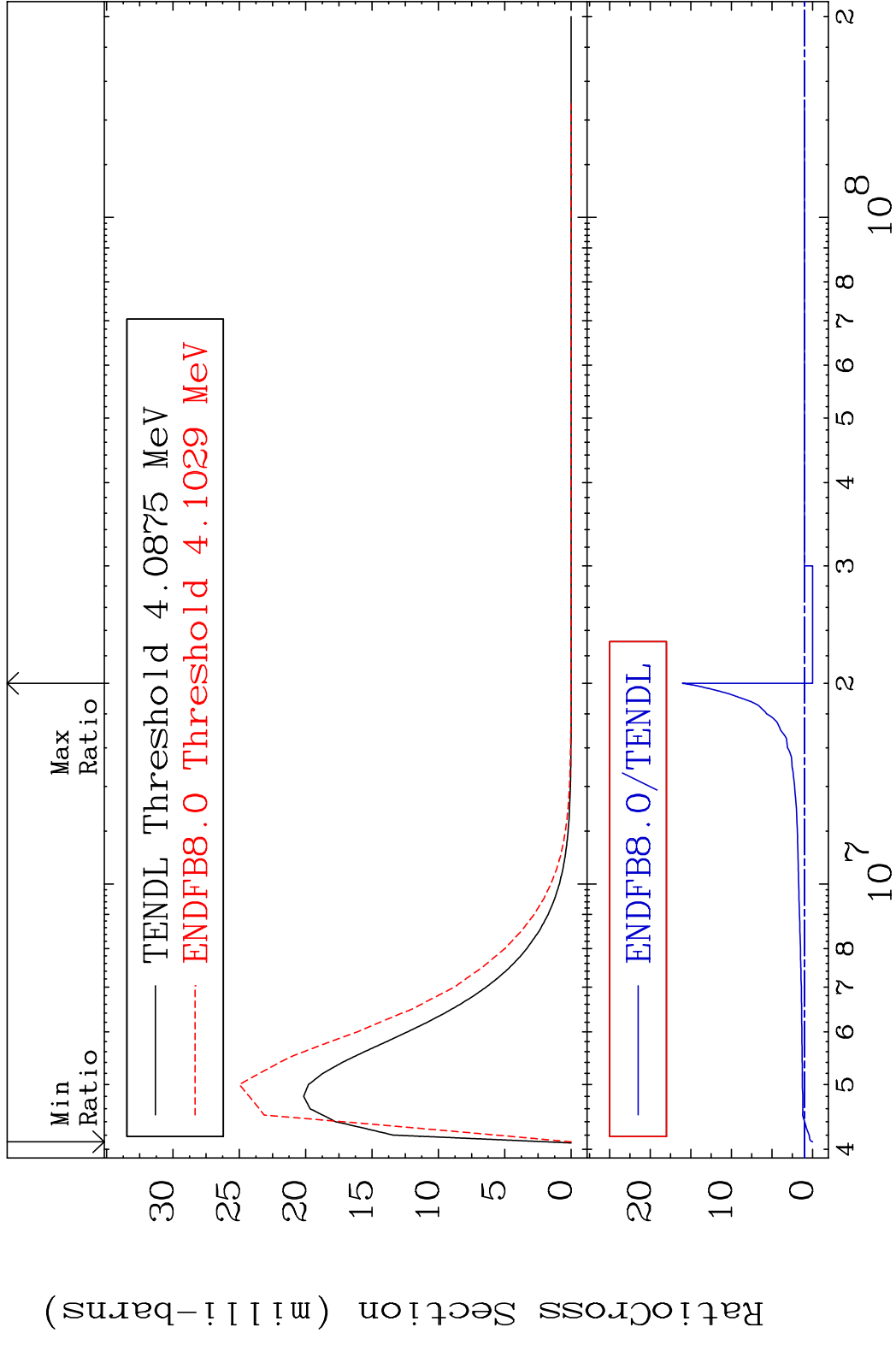
MAT 2831 MT= 75 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 781.3 %



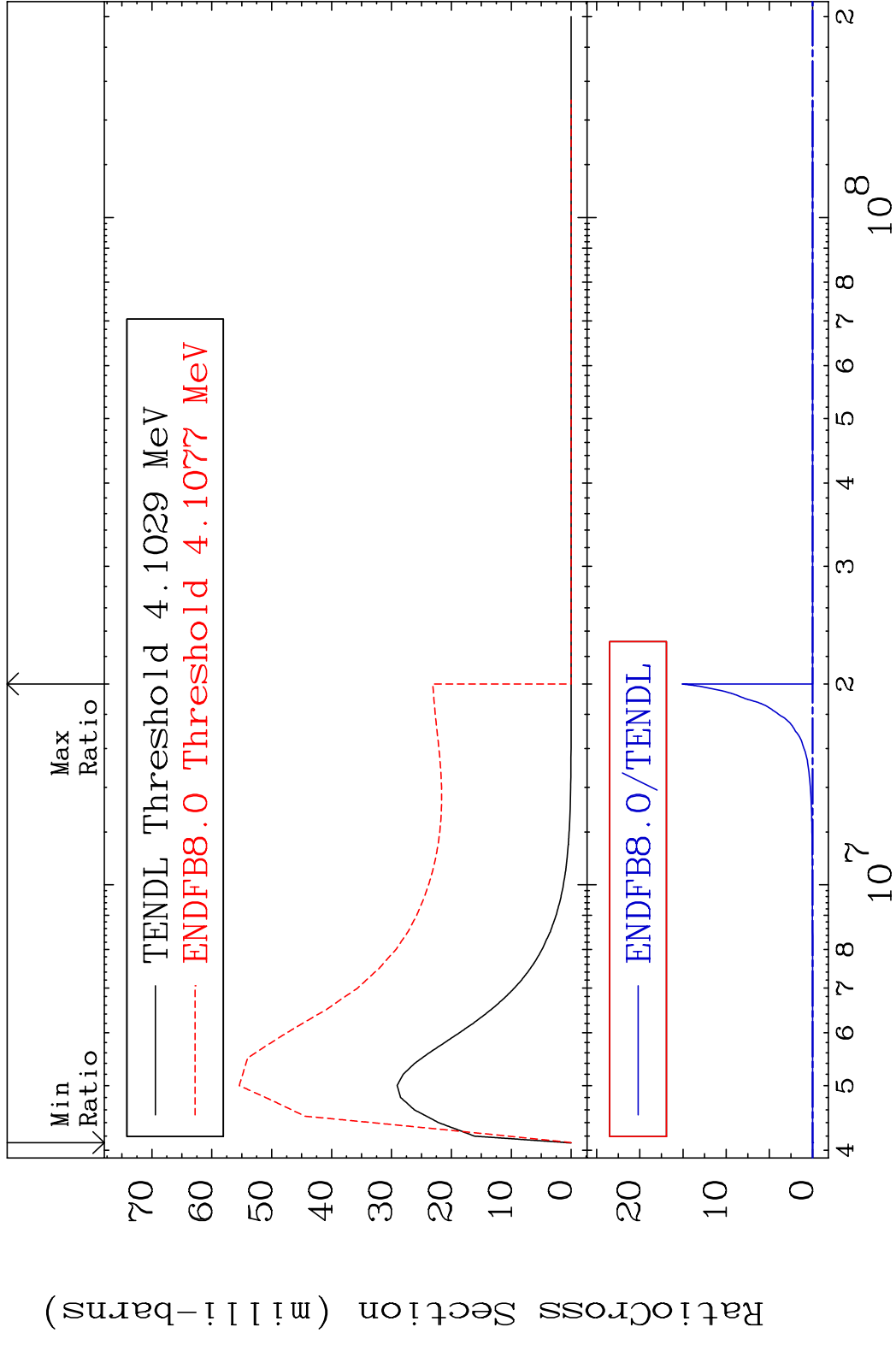
MAT 2831 MT= 76 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 0.000 %



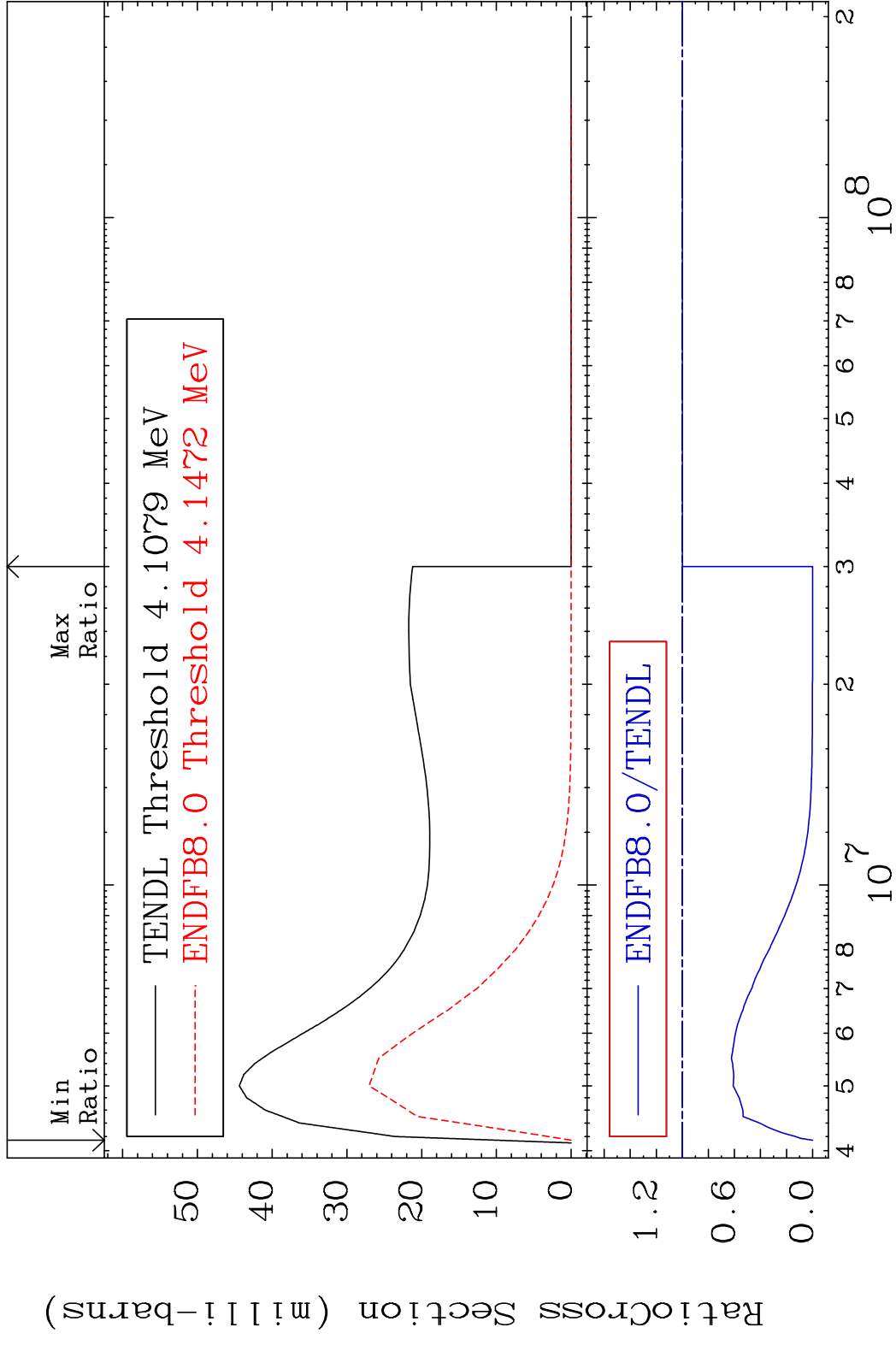
MAT 2831 MT= 77 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 1505. %



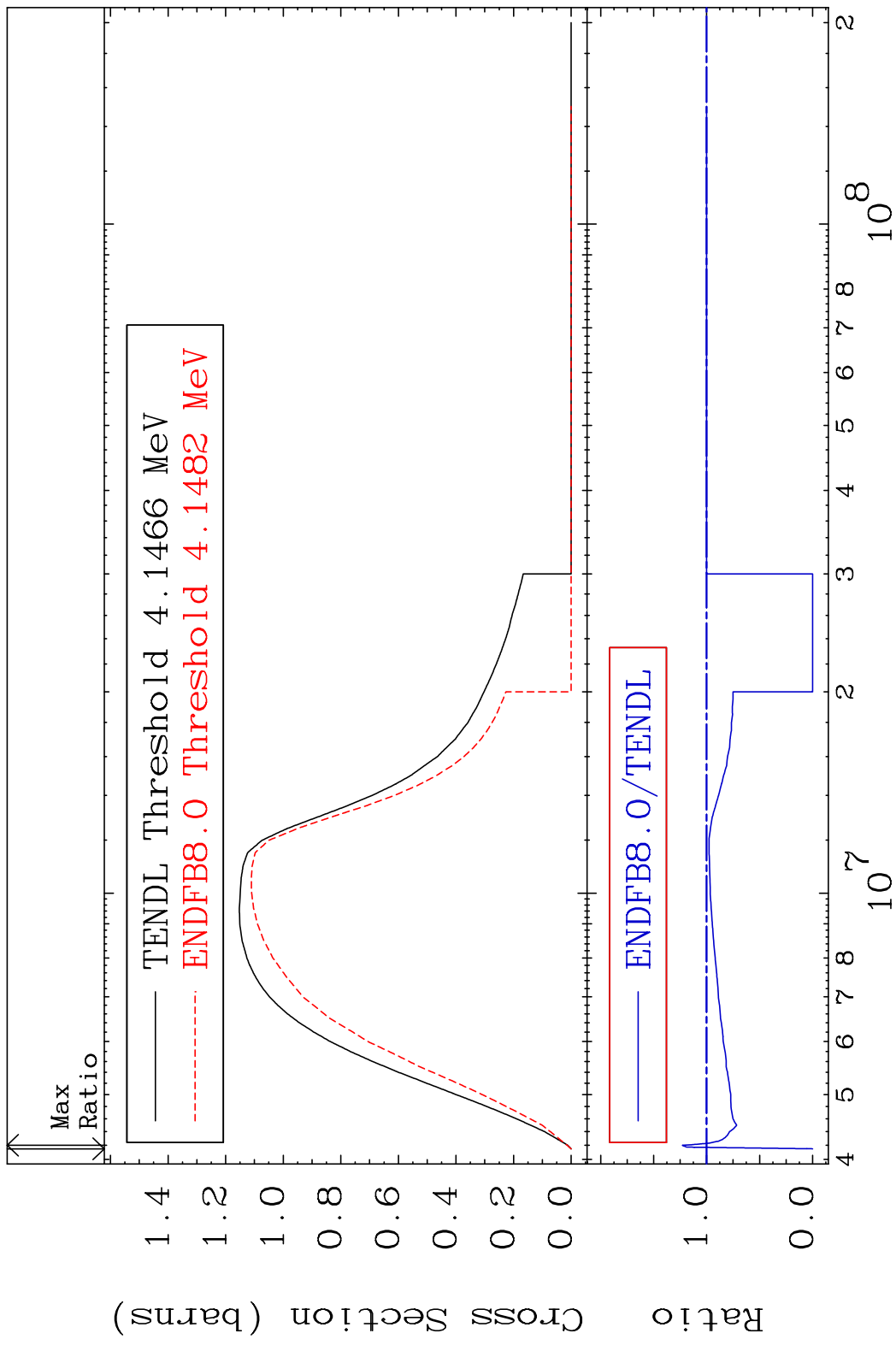
MAT 2831 MT= 78 (n,n') Level 28-Ni-60  
 Cross Section -100.0 To 9999. %



MAT 2831 MT= 79 (n, n') Level 28-Ni-60  
 Cross Section -100.0 To 0.000 %



MAT 2831 (n,n') Continuum 28-Ni-60  
 Cross Section -100.0 To 22.91 %



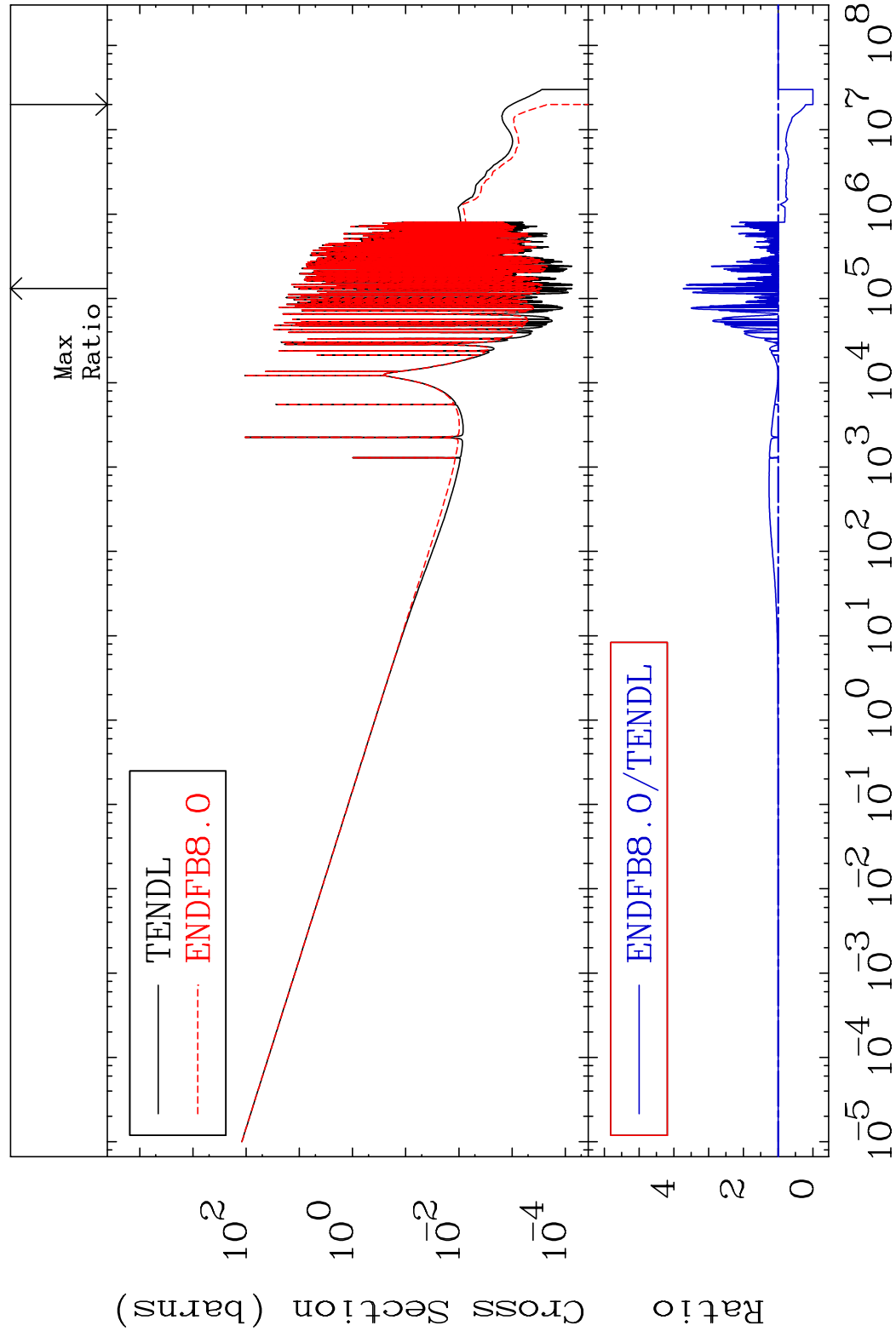
37 Incident Energy (eV) 28-Ni-60

MAT 2831

(n,  $\gamma$ )

28-Ni-60

Cross Section -100.0 To 273.1 %



38

Incident Energy (eV)

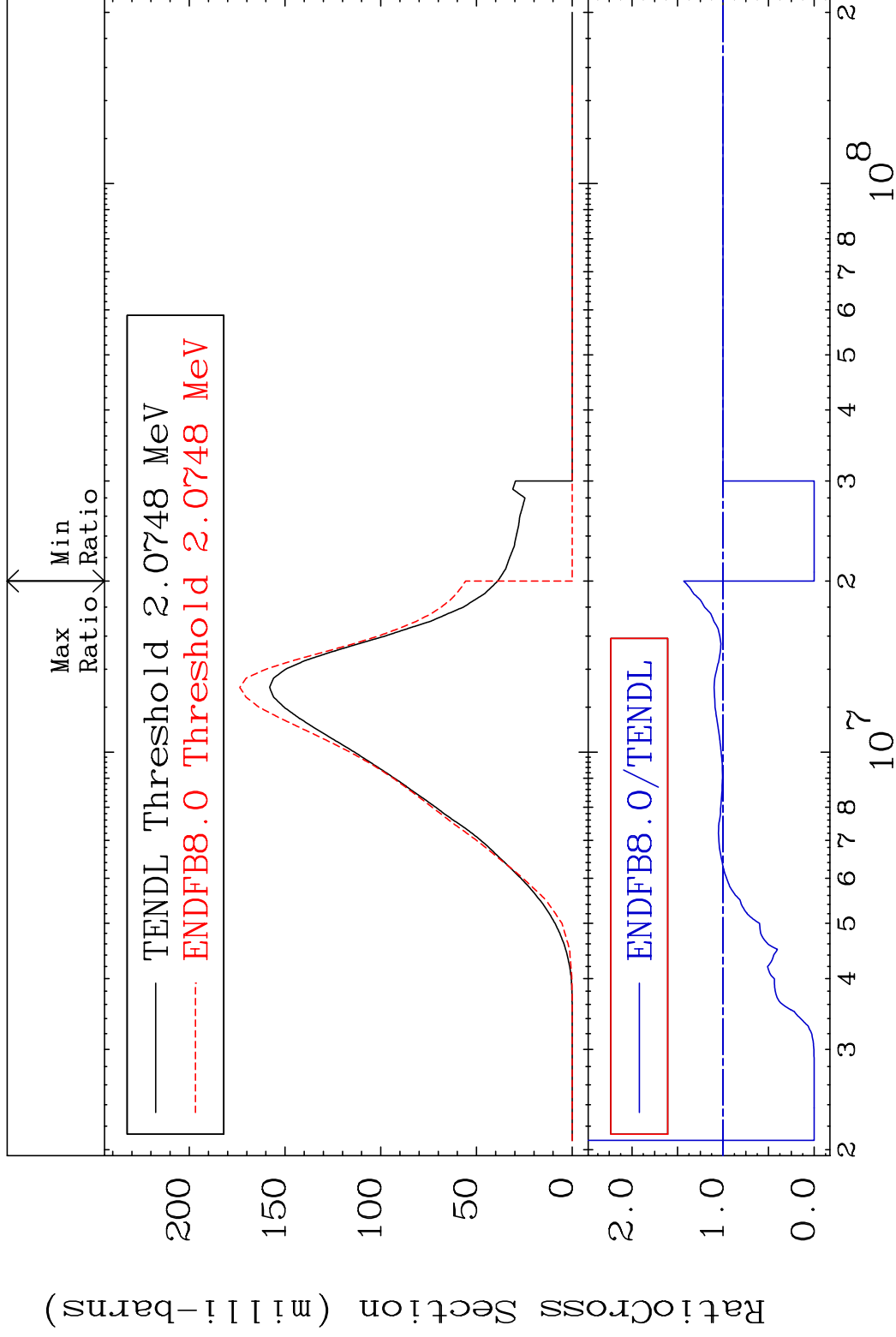
28-Ni-60

MAT 2831

(n, p)

<sup>28</sup>Ni-60

Cross Section -100.0 To 43.24 %



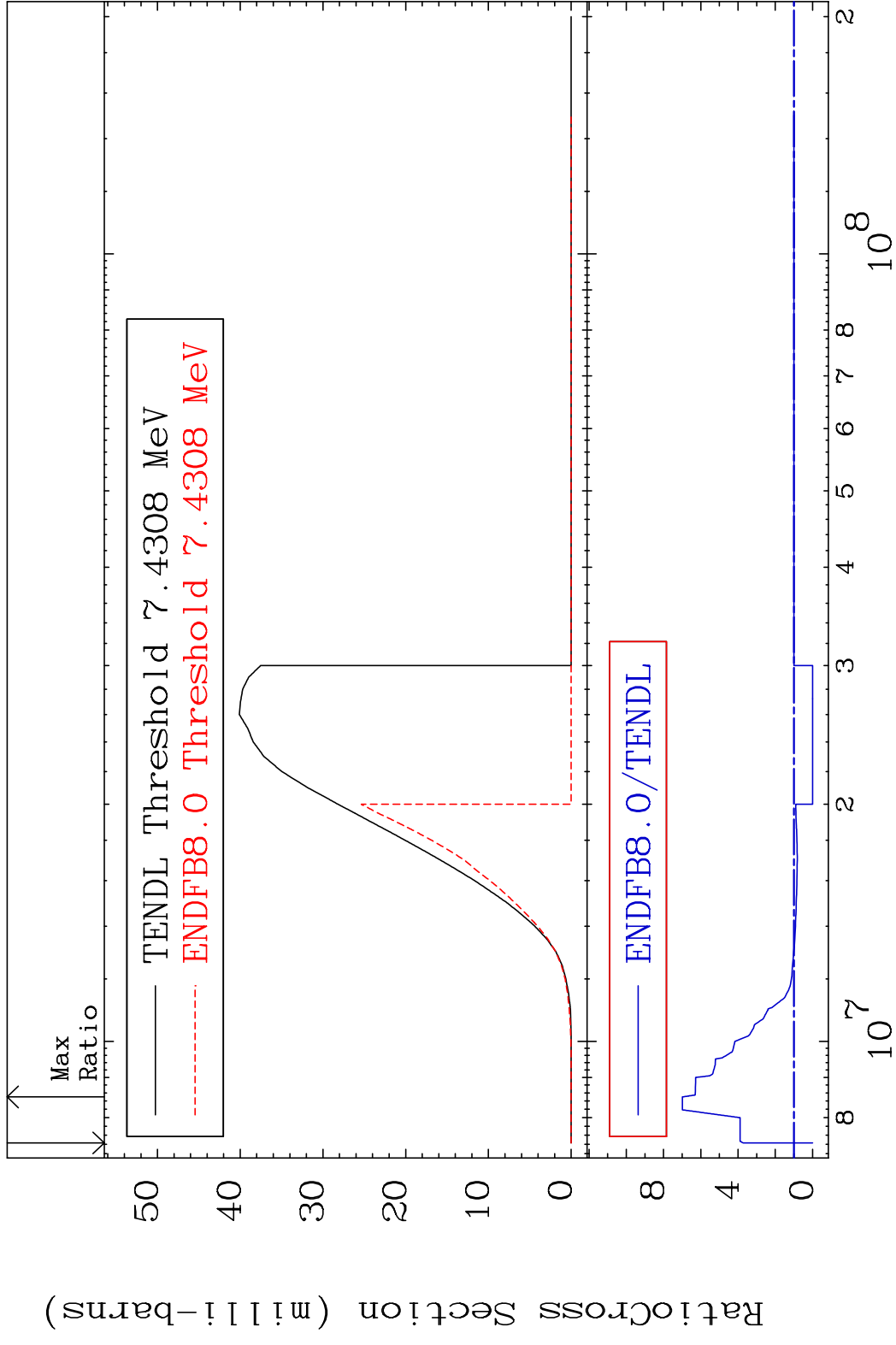
39

Incident Energy (eV)

<sup>28</sup>Ni-60

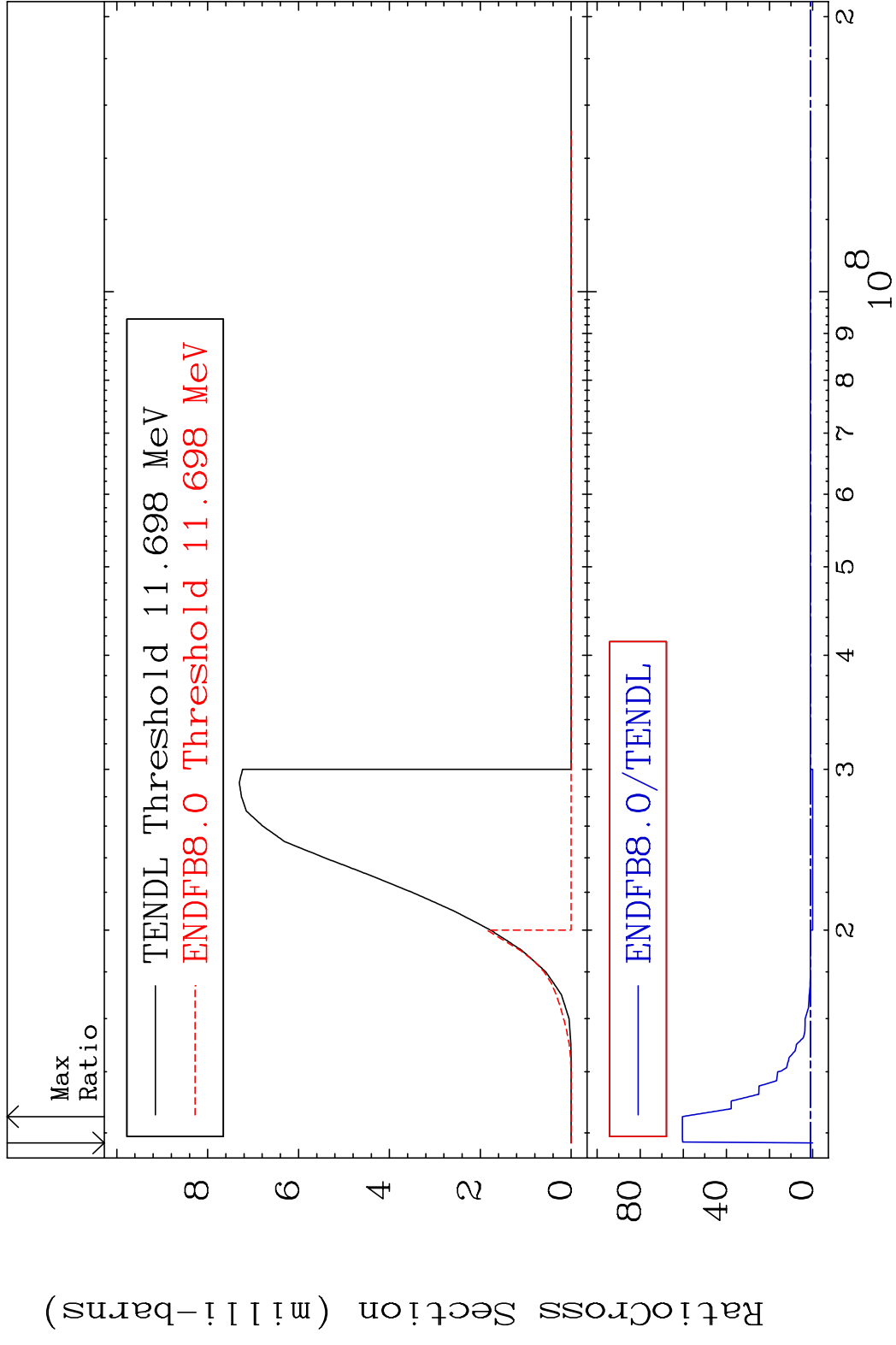


MAT 2831 (n,d) 28-Ni-60  
 Cross Section -100.0 To 599.1 %



40 8 4 0 8 10 7 10 8 2 28-Ni-60

MAT 2831 (n, t) 28-Ni-60  
 Cross Section -100.0 To 5944. %

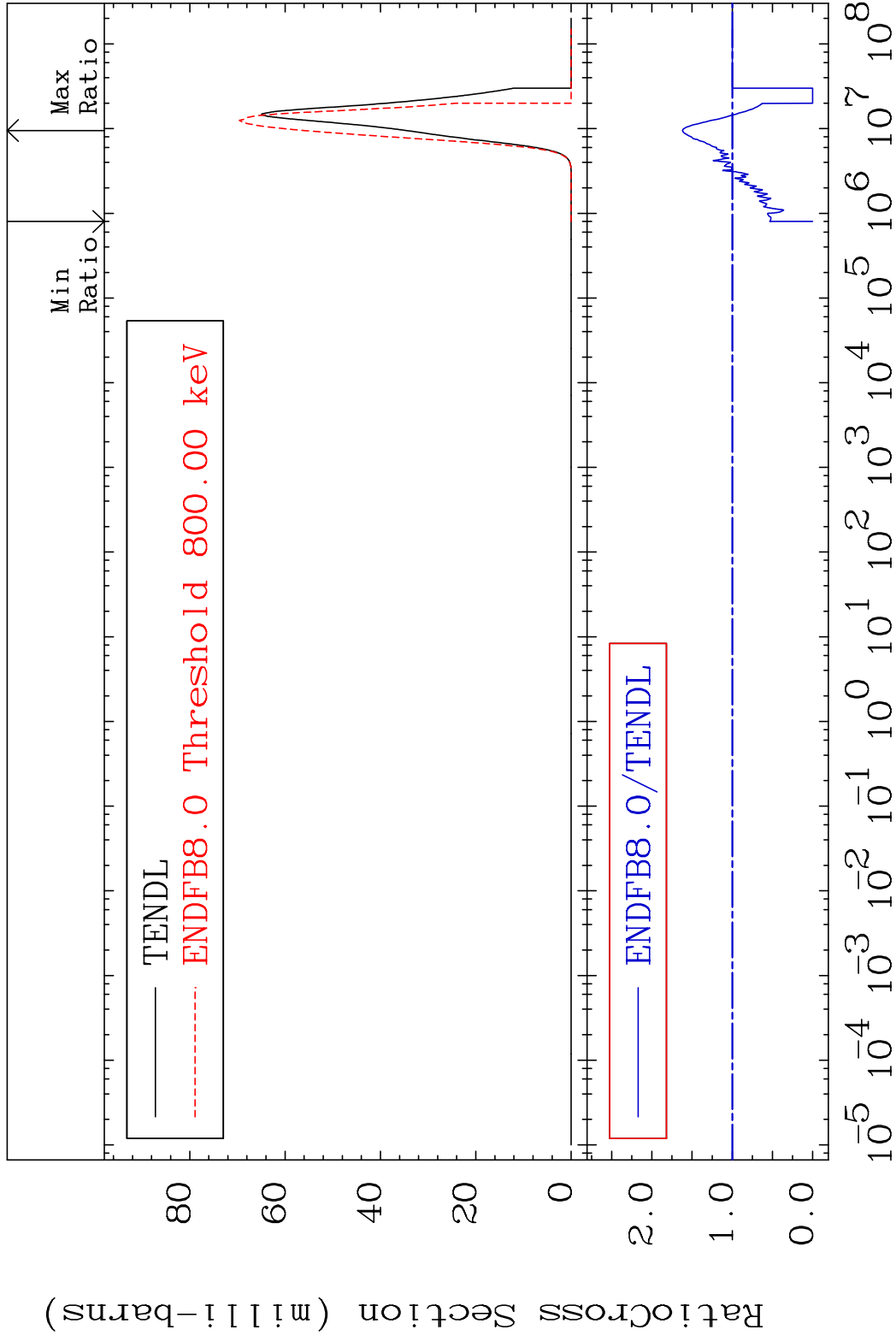


MAT 2831

(n,  $\alpha$ )

28-Ni-60

Cross Section -100.0 To 62.10 %

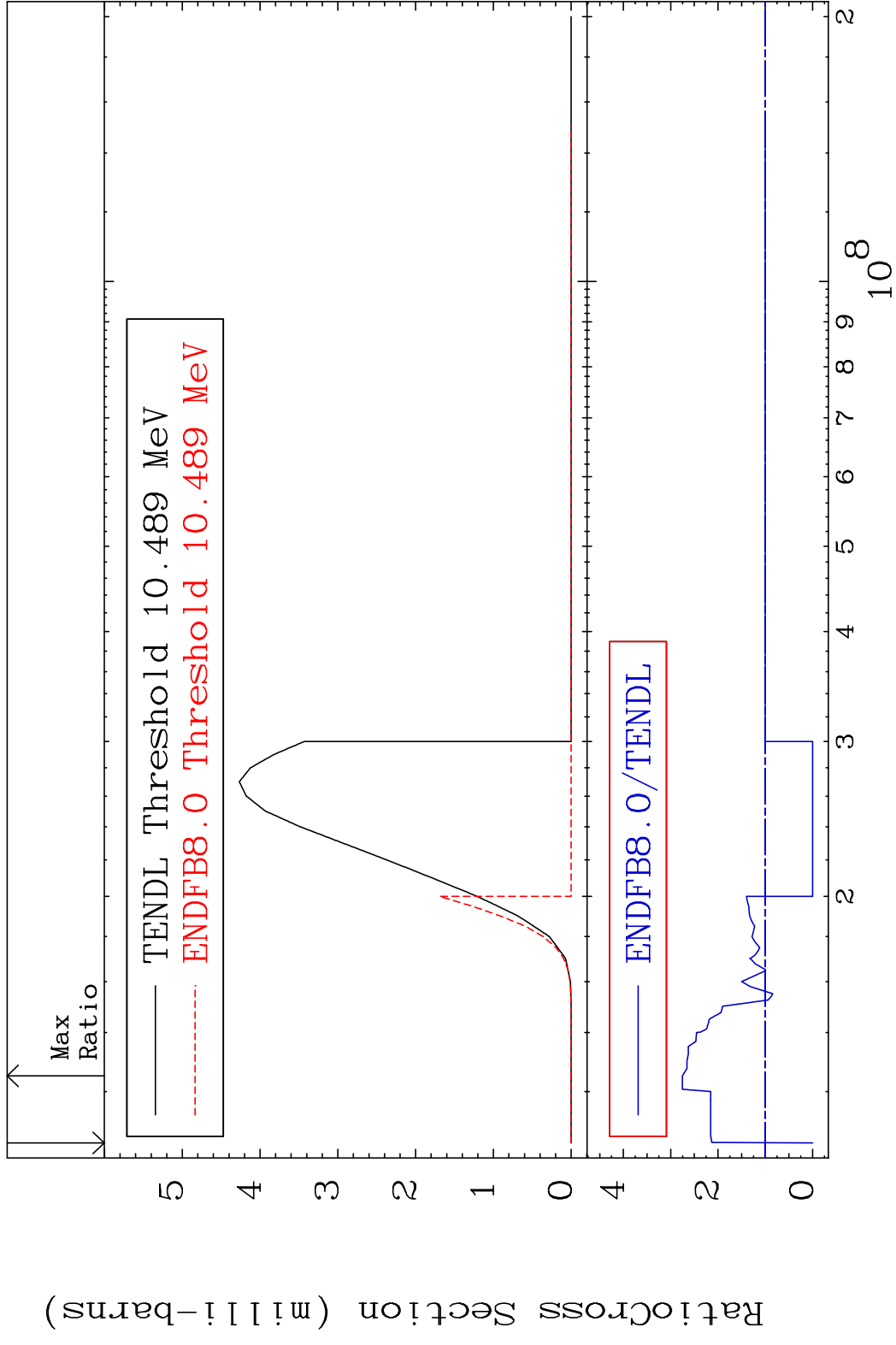


42

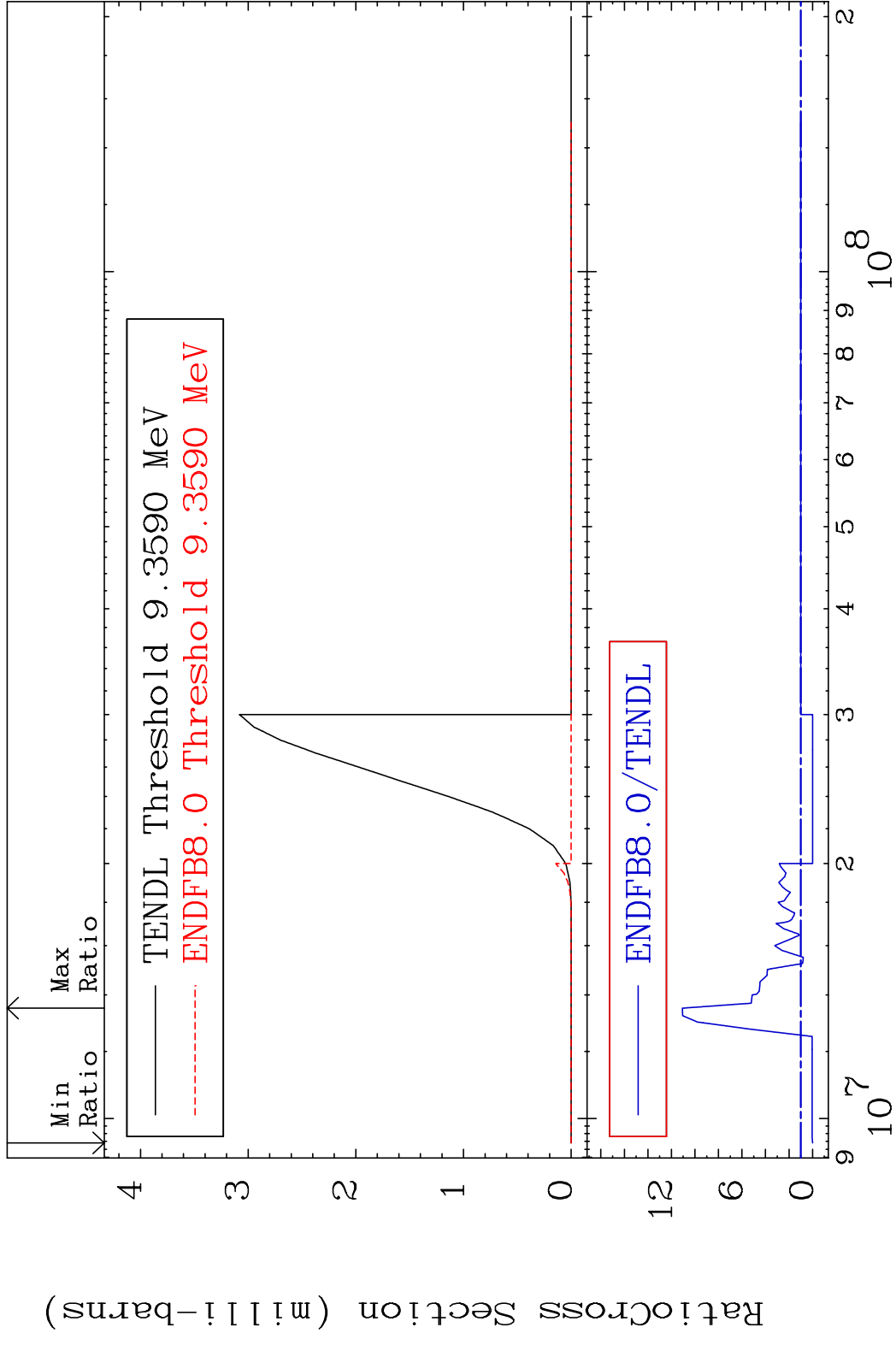
Incident Energy (eV)

28-Ni-60

MAT 2831 (n,2p) 28-Ni-60  
 Cross Section -100.0 To 175.3 %

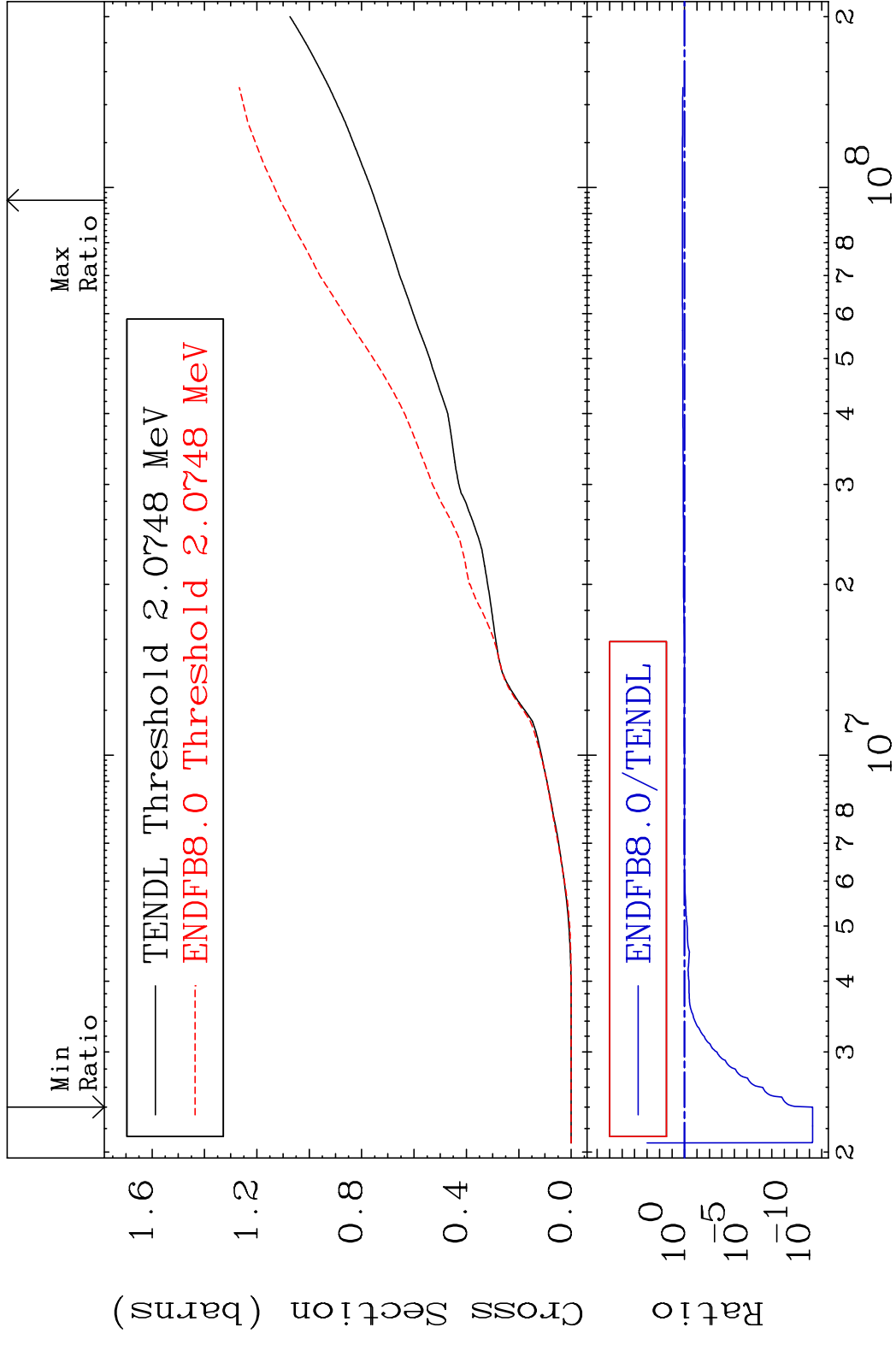


MAT 2831 (n,p)  $\alpha$  28-Ni-60  
 Cross Section -100.0 To 1007. %

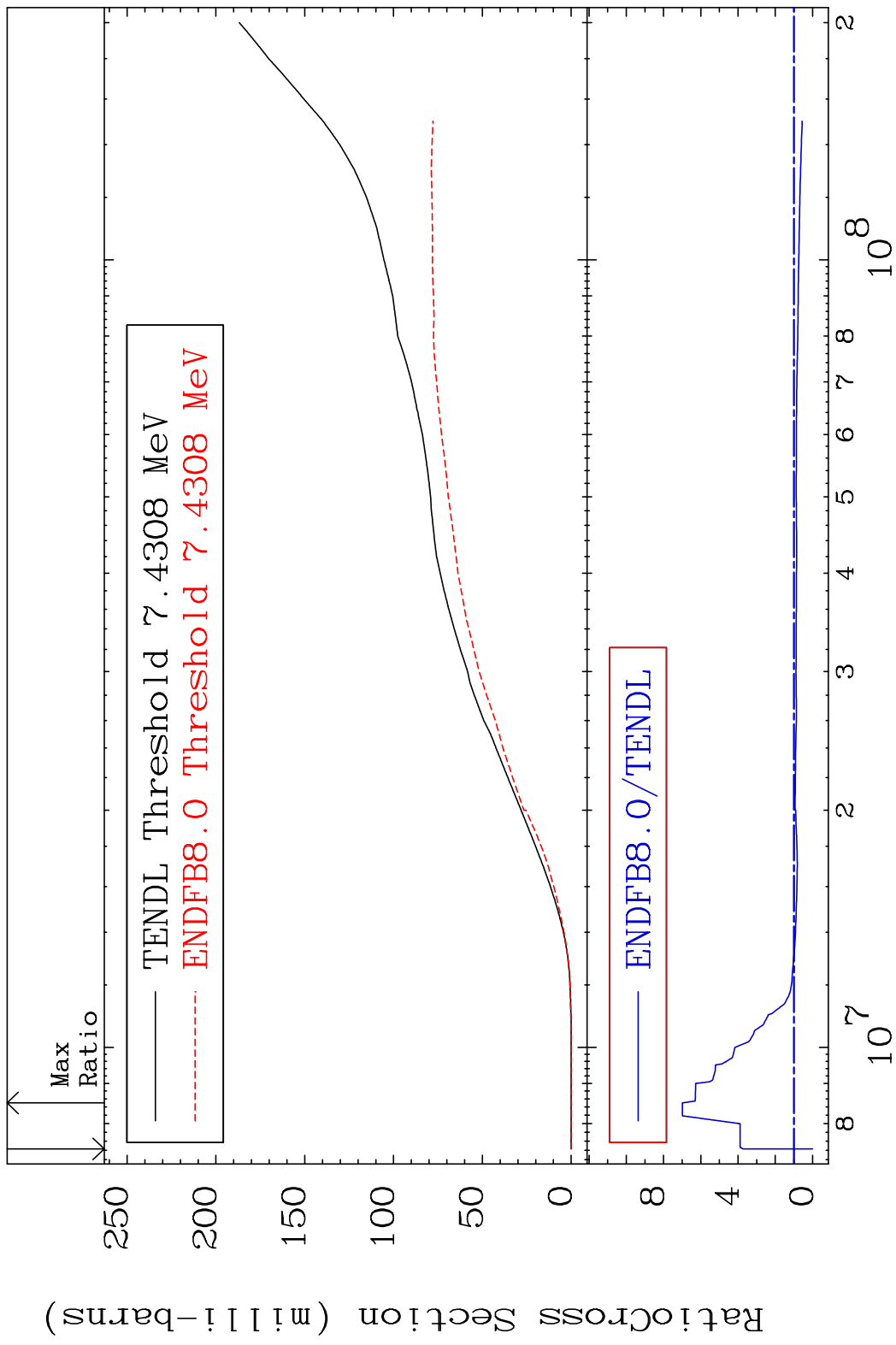


44 28-Ni-60

MAT 2831 Hydrogen Production 28-Ni-60  
 Cross Section -100.0 To 48.49 %

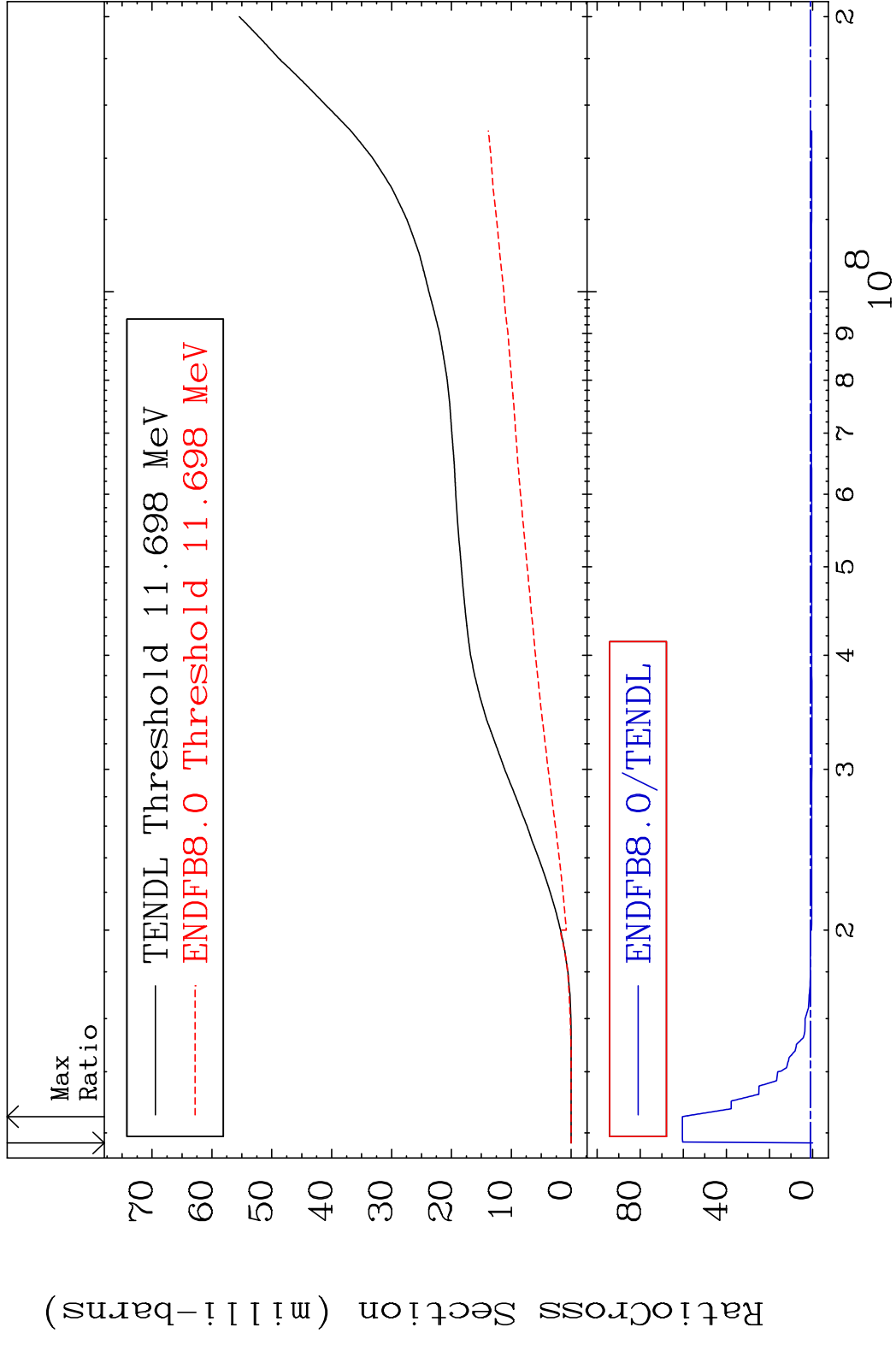


MAT 2831 Deuterium Production 28-Ni-60  
 Cross Section -100.0 To 599.1 %



46 28-Ni-60

MAT 2831 Tritium Production 28-Ni-60  
 Cross Section -100.0 To 5944. %



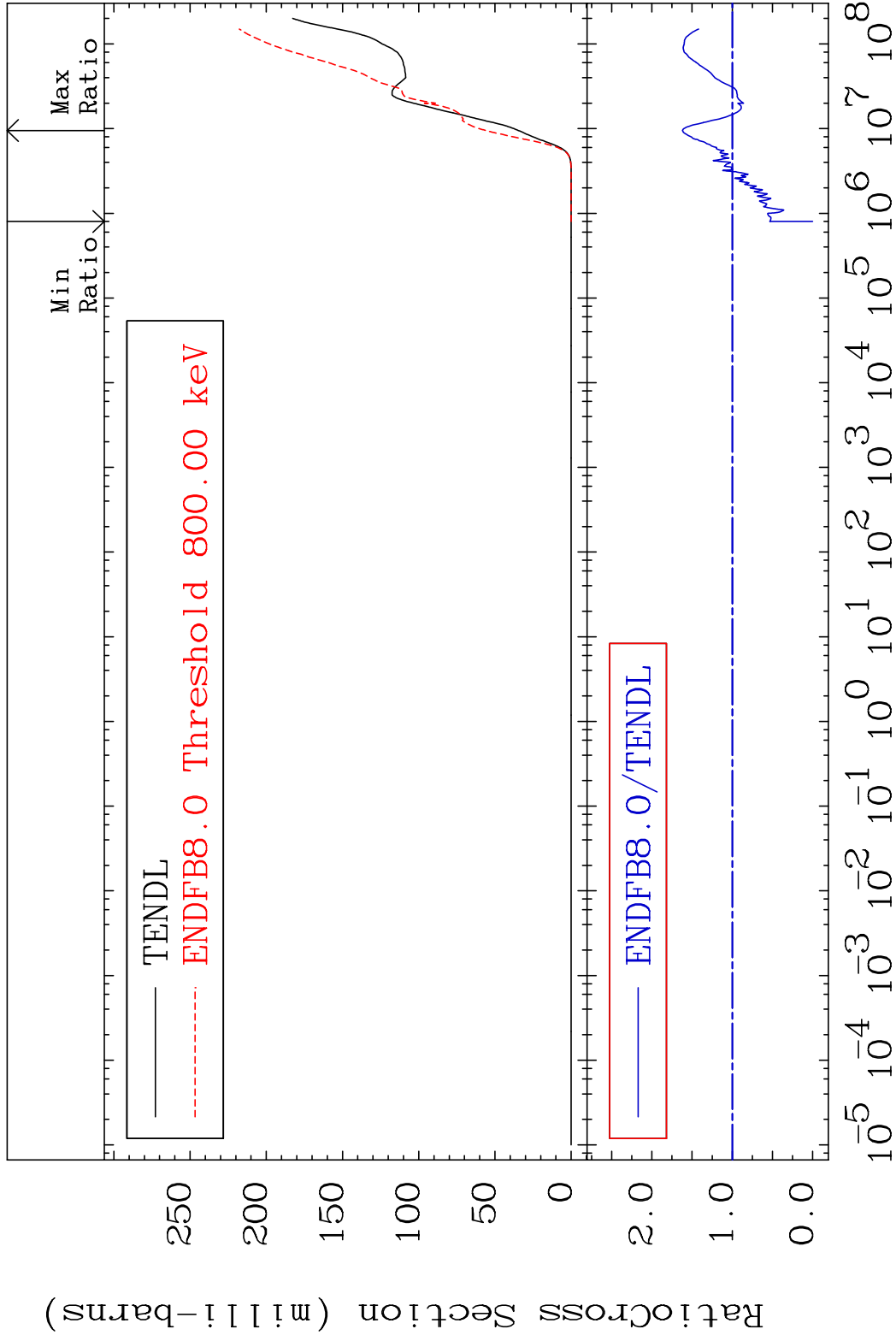


MAT 2831

He-4 Production

28-Ni-60

Cross Section -100.0 To 62.10 %

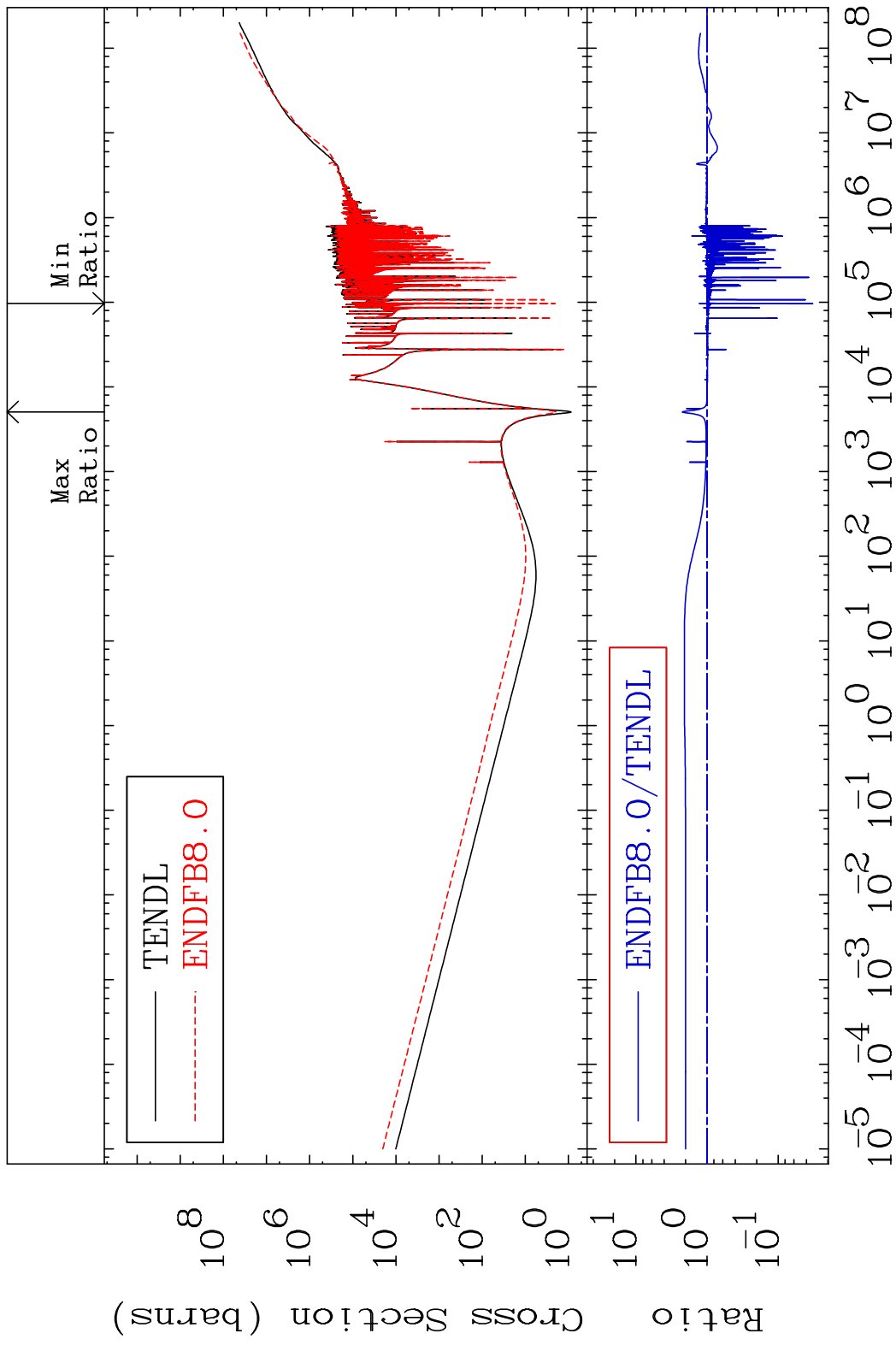


48

Incident Energy (eV)

28-Ni-60

MAT 2831 Kerma total (eV-barns) 28-Ni-60  
 Cross Section -96.72 To 122.4 %



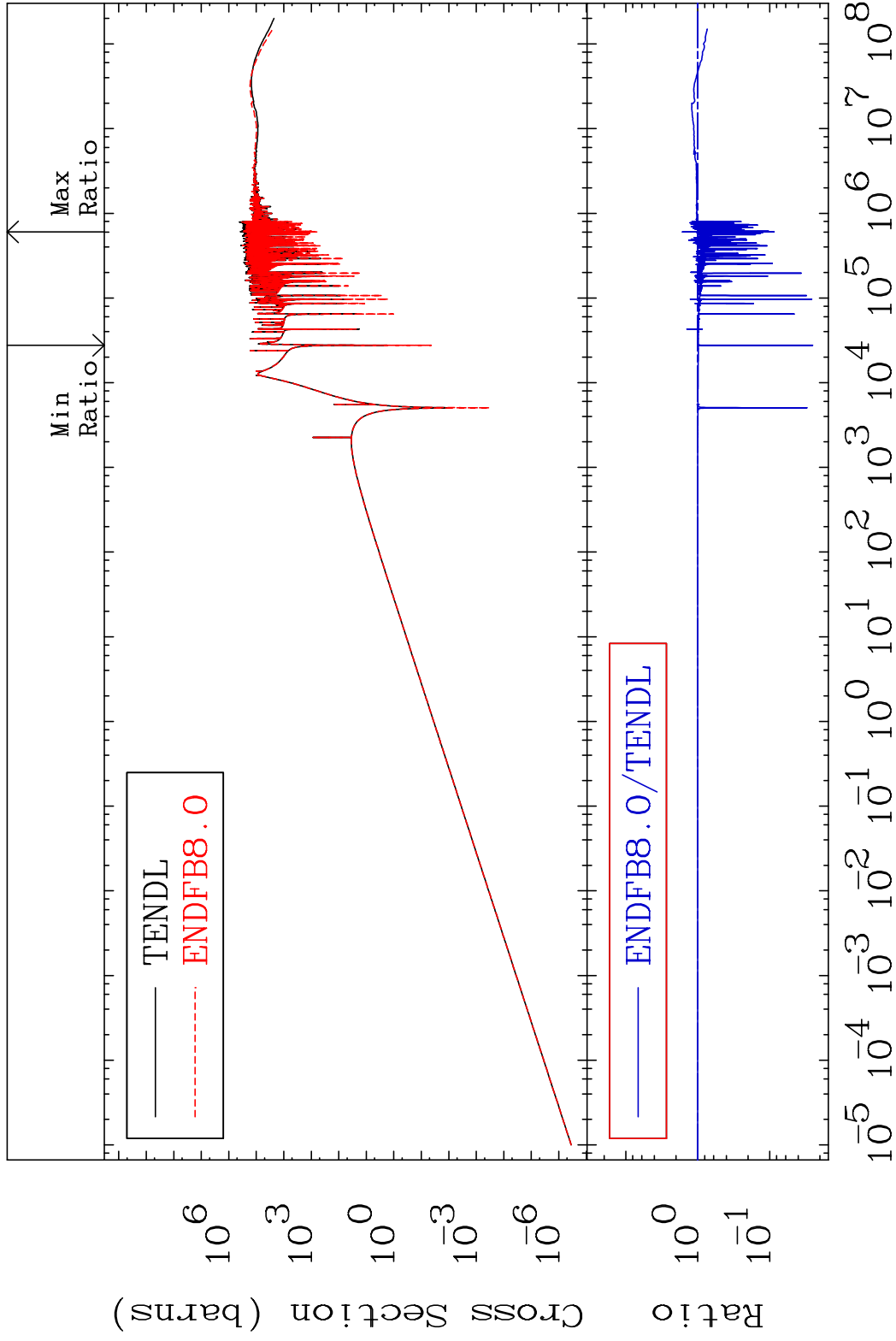
49 Incident Energy (eV) 28-Ni-60

MAT 2831

Kerma elastic

28-Ni-60

Cross Section -97.46 To 63.57 %

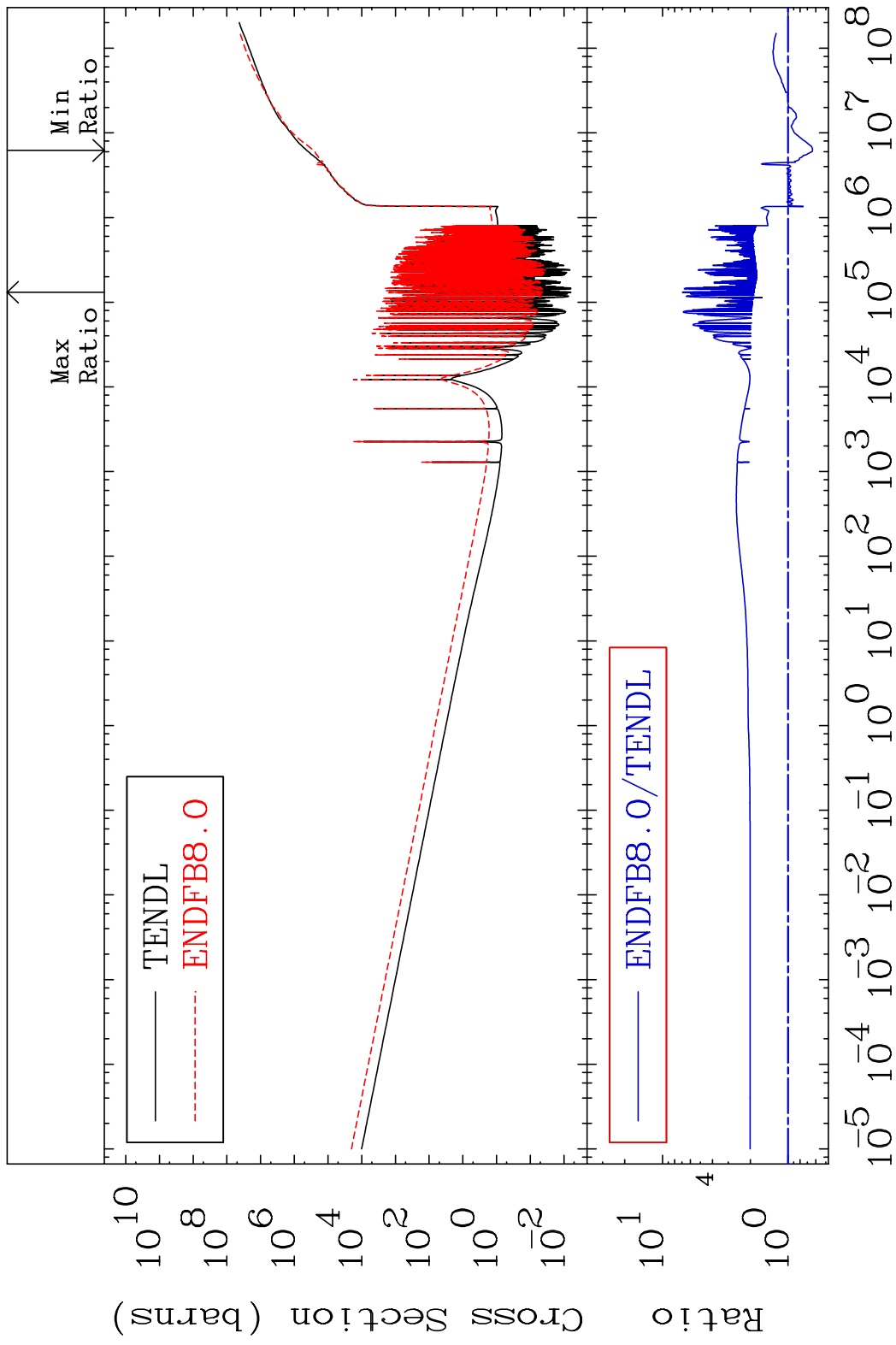


50

Incident Energy (eV)

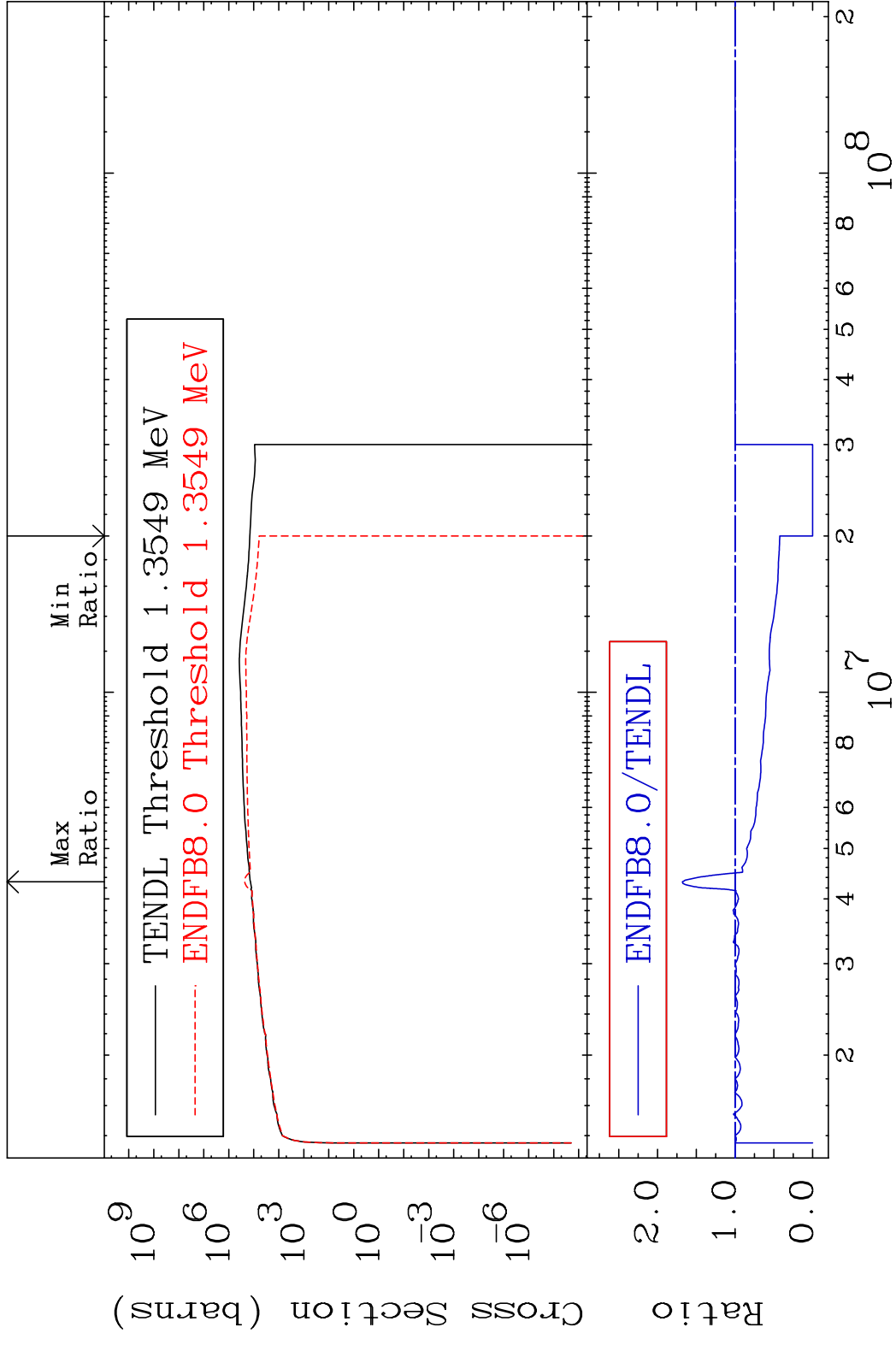
28-Ni-60

MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60  
 Cross Section -36.28 To 595.2 %

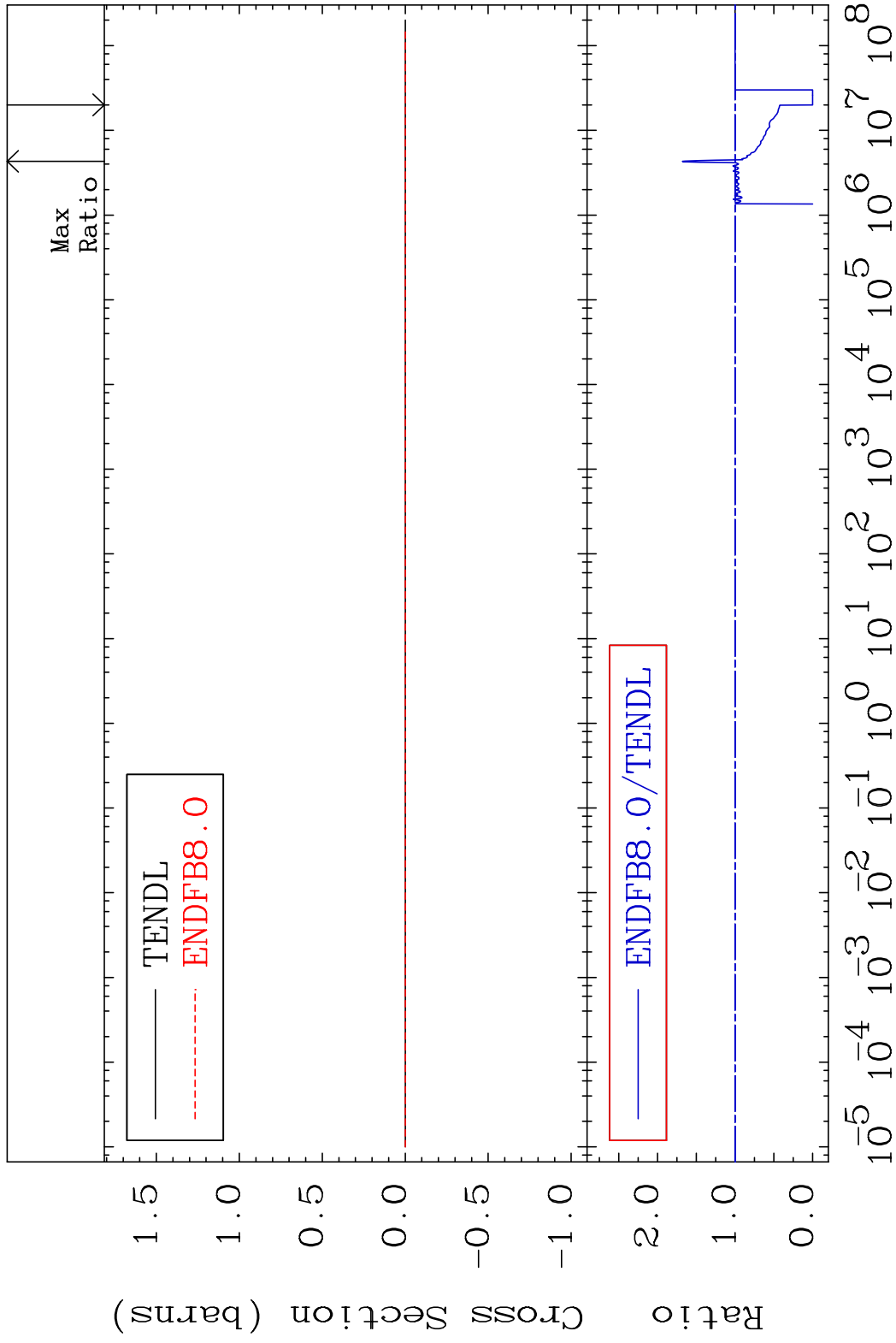


51 Incident Energy (eV) 28-Ni-60

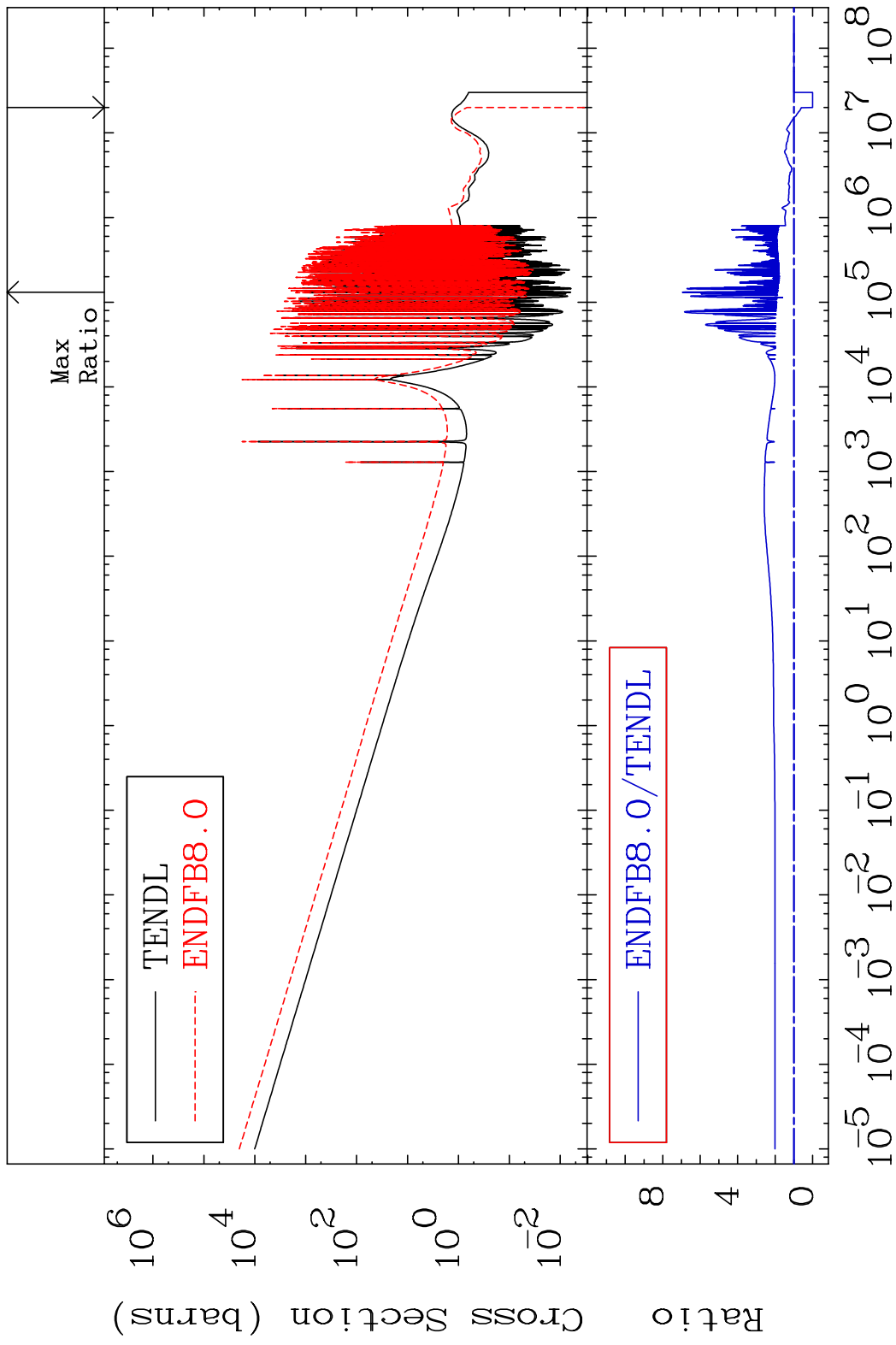
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60  
 Cross Section -100.0 To 67.87 %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60  
 Cross Section -100.0 To 67.87 %

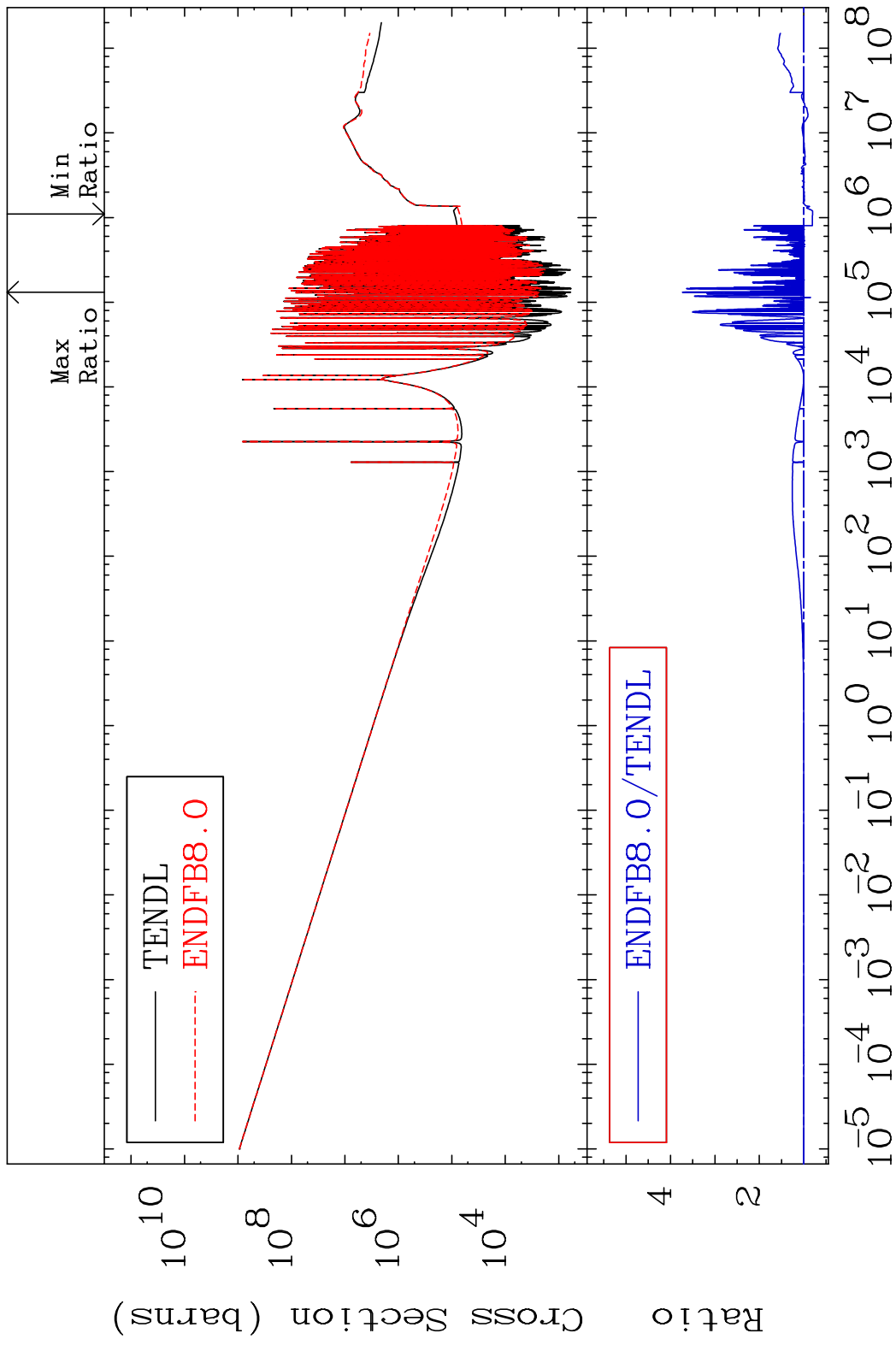


MAT 2831 Kerma capture (mt102) 28-Ni-60  
 Cross Section -100.0 To 595.2 %



54 Incident Energy (eV) 28-Ni-60

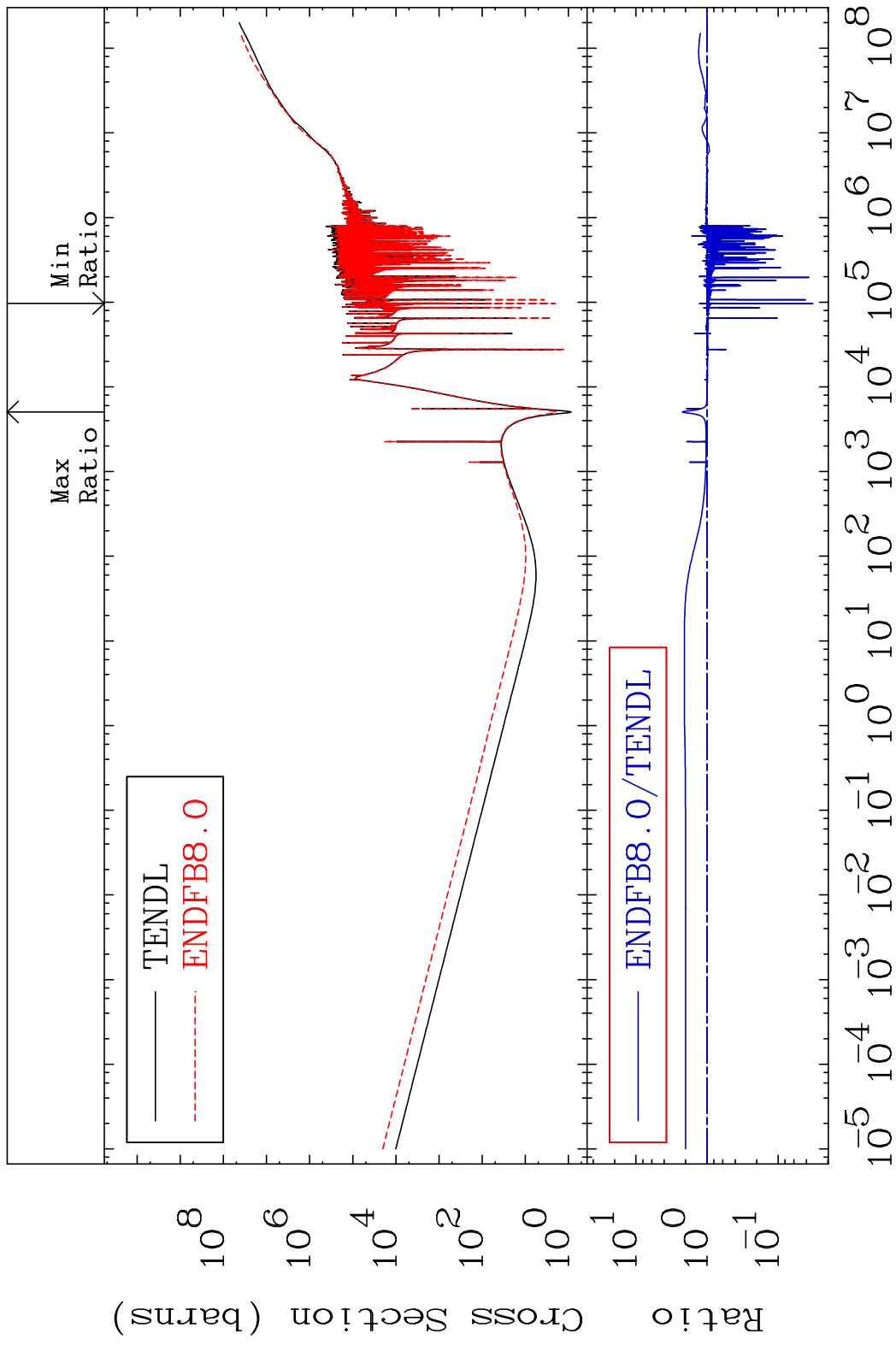
MAT 2831 Total photon (eV-barns) 28-Ni-60  
Cross Section -19.68 To 273.2 %



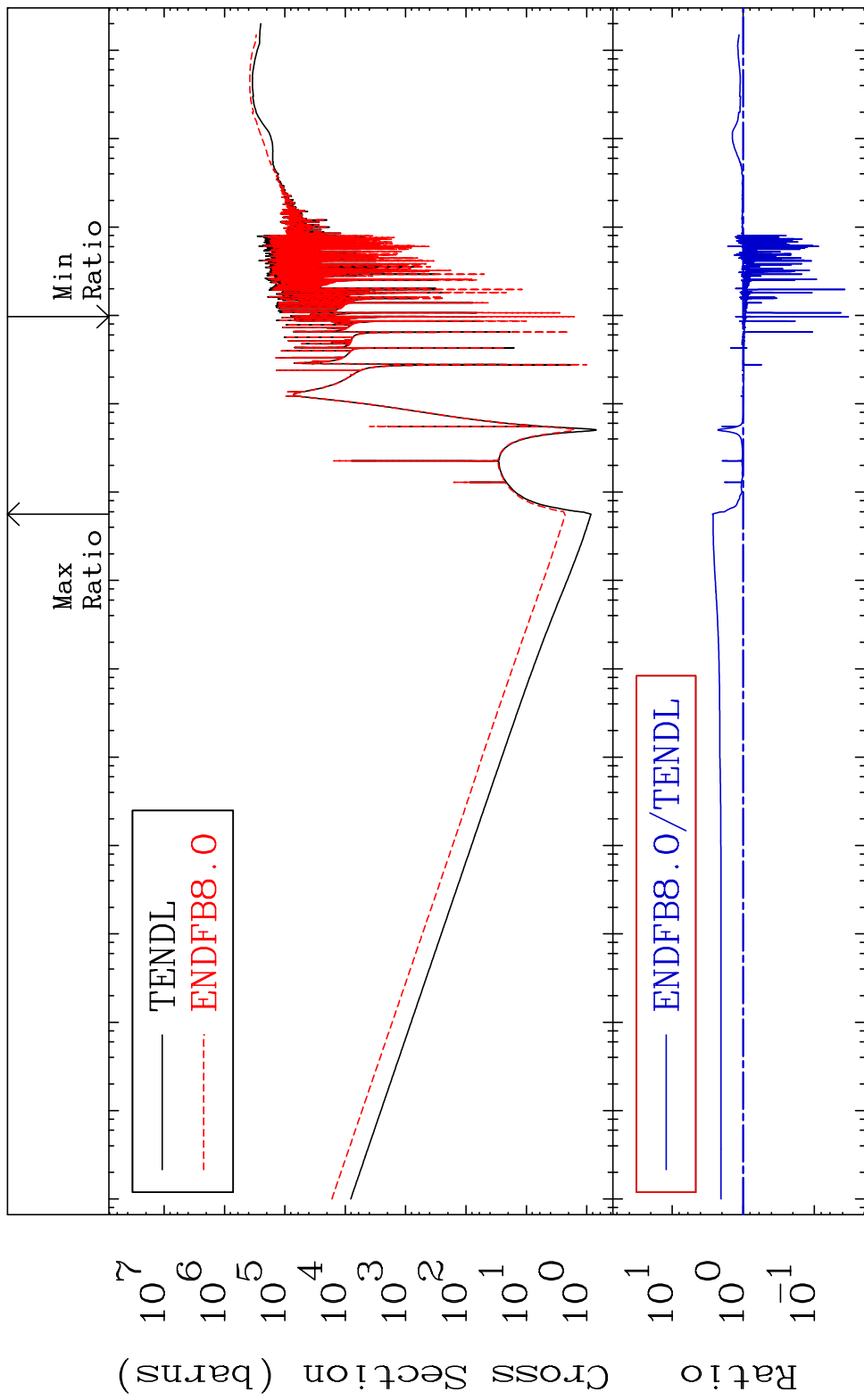
55 Incident Energy (eV) 28-Ni-60



MAT 2831 Total kinematic kerma (high limit) 28-Ni-60  
 Cross Section -96.72 To 122.4 %



MAT 2831      Dpa total (eV-barns)      28-Ni-60  
 Cross Section      -96.68 To 171.6 %



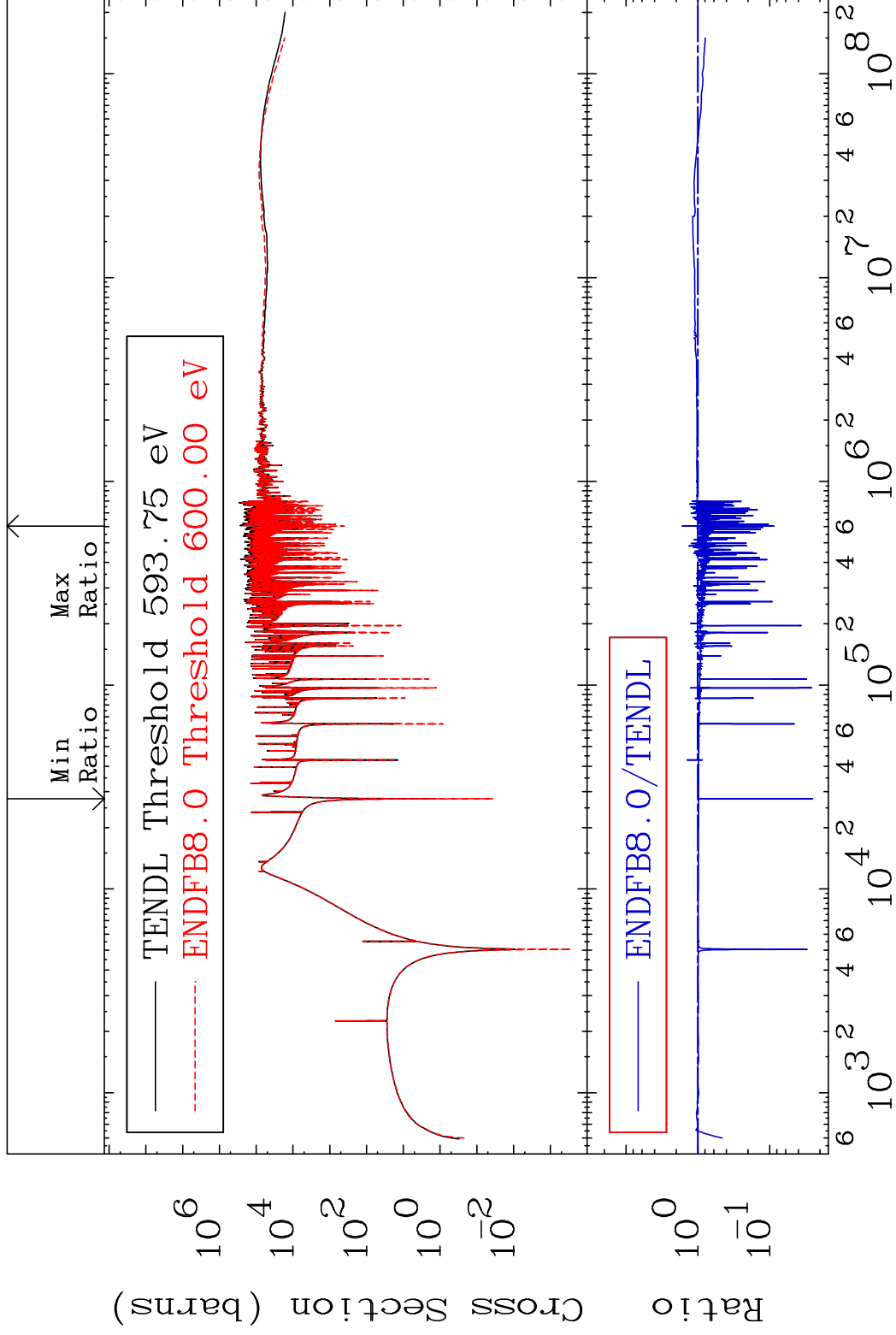
57      Incident Energy (eV)      28-Ni-60

MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -97.46 To 64.71 %

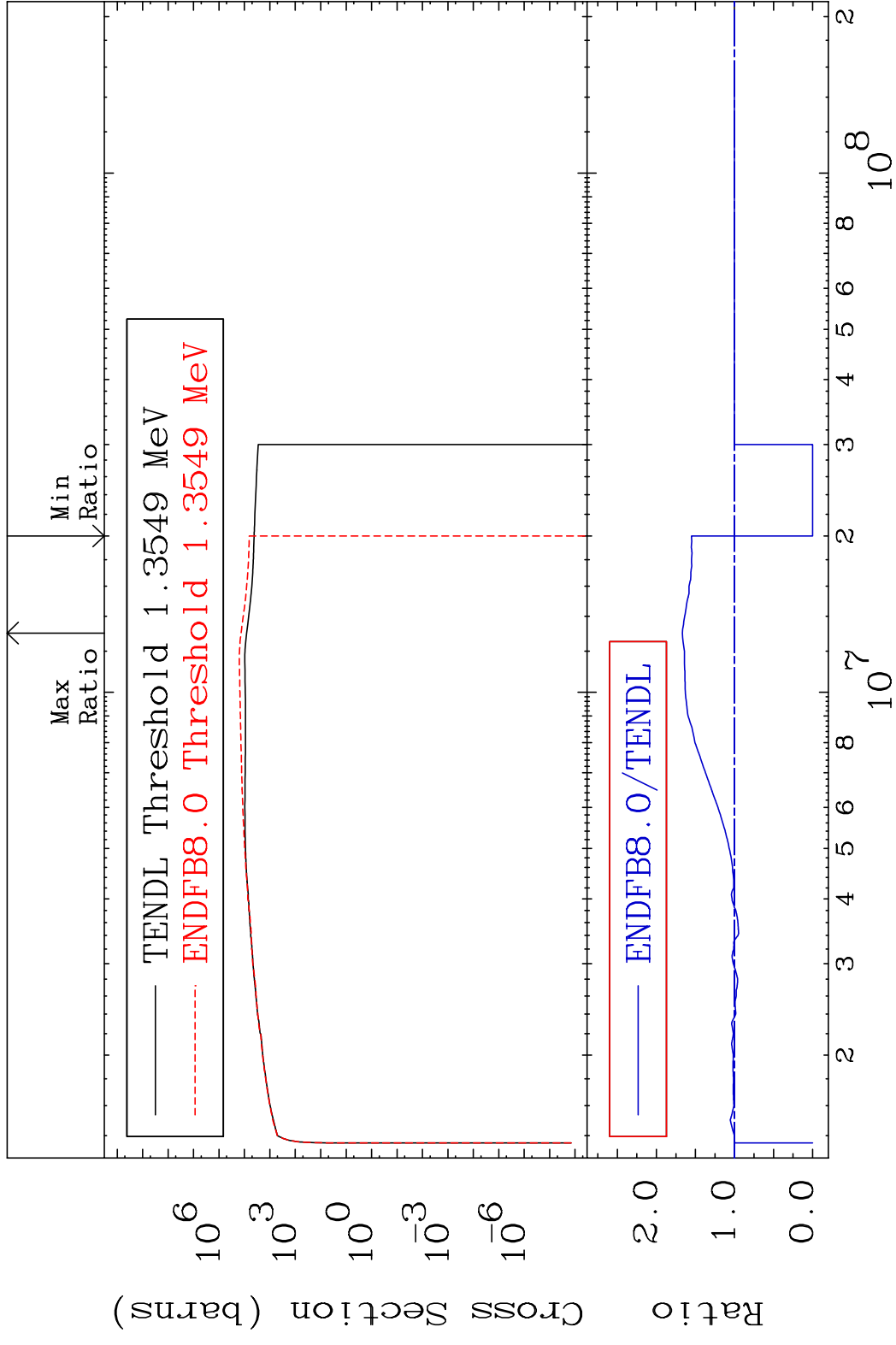


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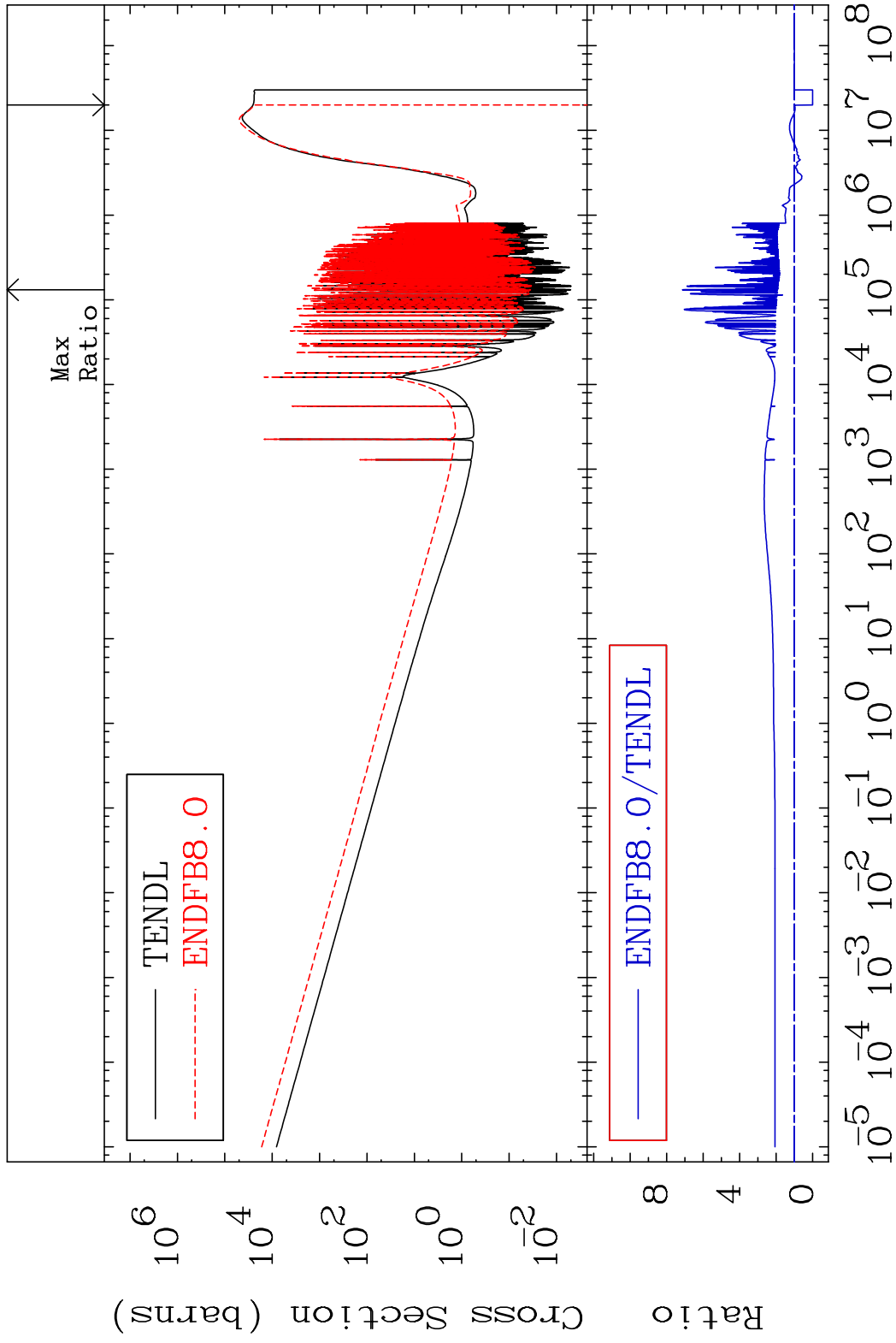
Incident Energy (eV)

28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) 28-Ni-60  
 Cross Section -100.0 To 66.76 %



MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60  
Cross Section -100.0 To 613.6 %



60 Incident Energy (eV) 28-Ni-60