

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

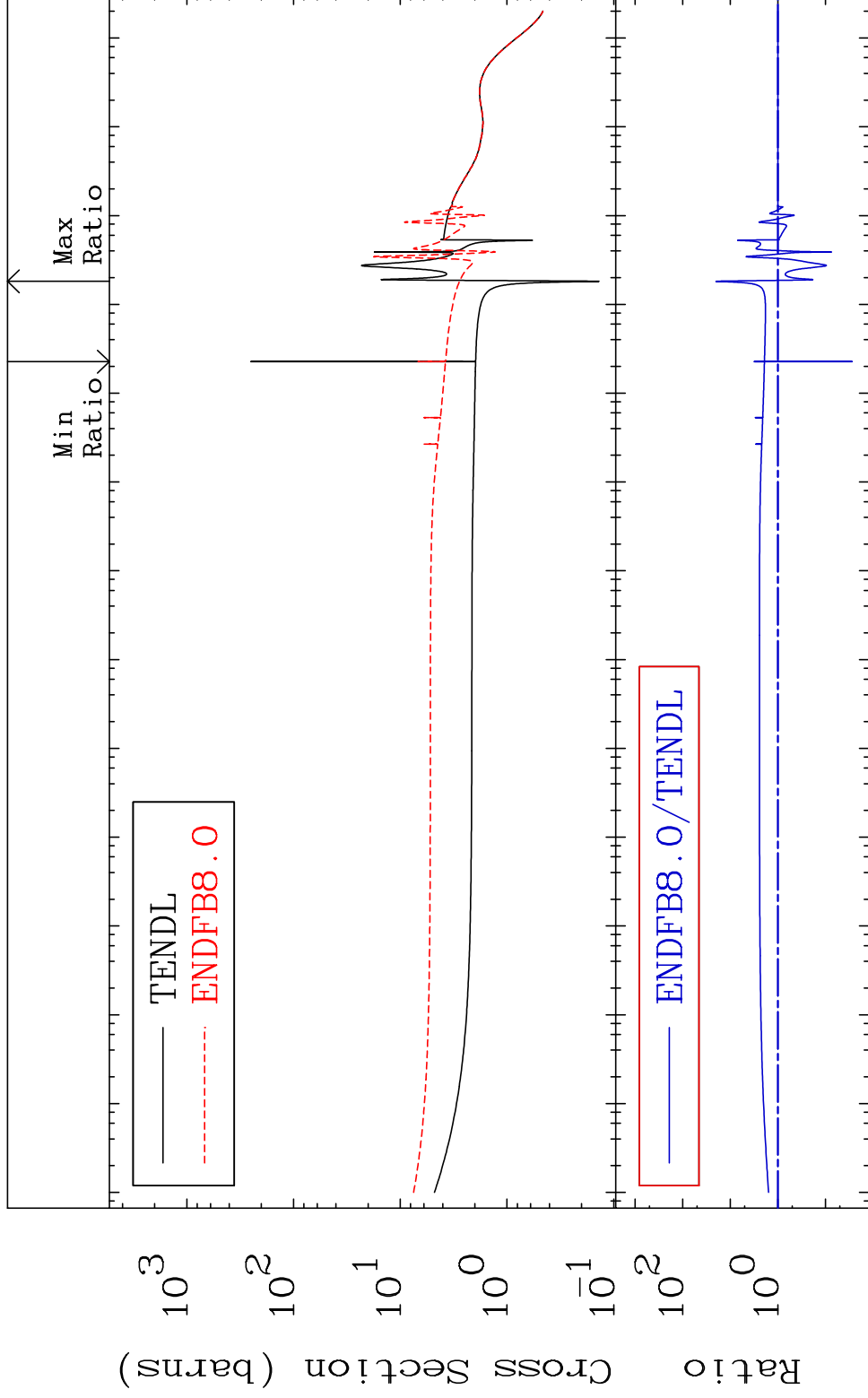
MAT 1031

Total

10-Ne-22

Cross Section

-97.27 To 1932. %



1

Incident Energy (eV)

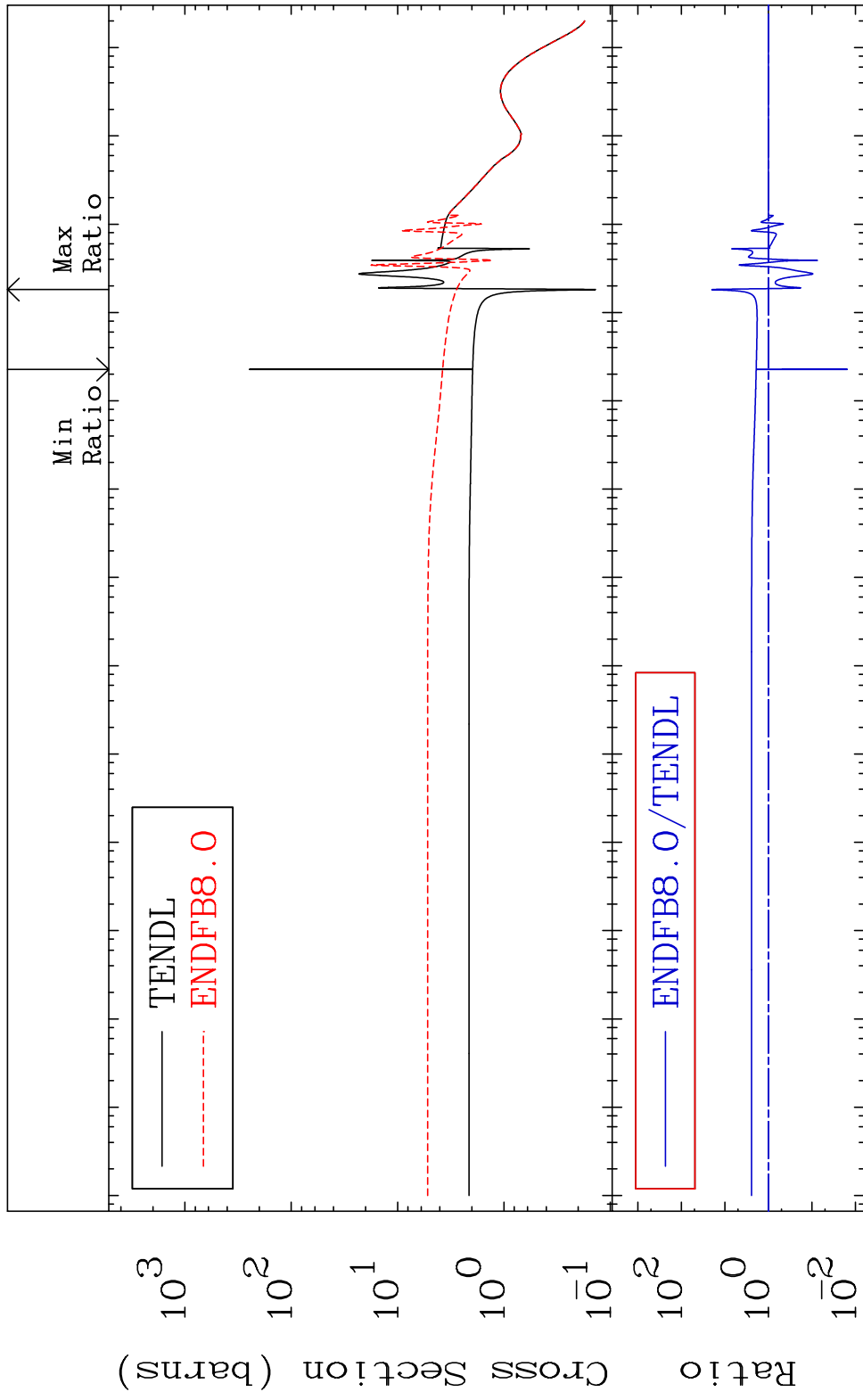
10-Ne-22

MAT 1031

Elastic

10-Ne-22

Cross Section -98.46 To 1933. %

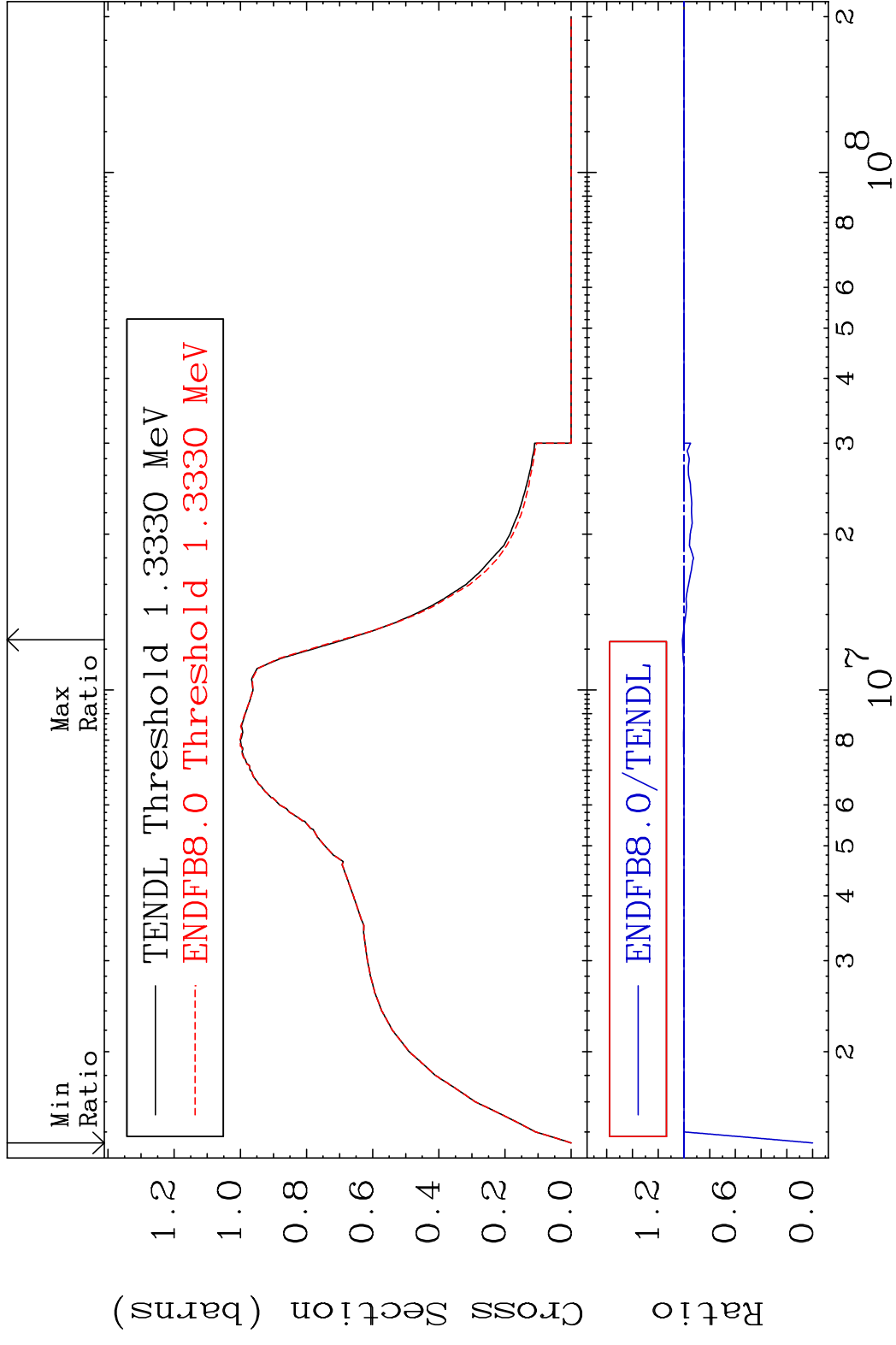


2

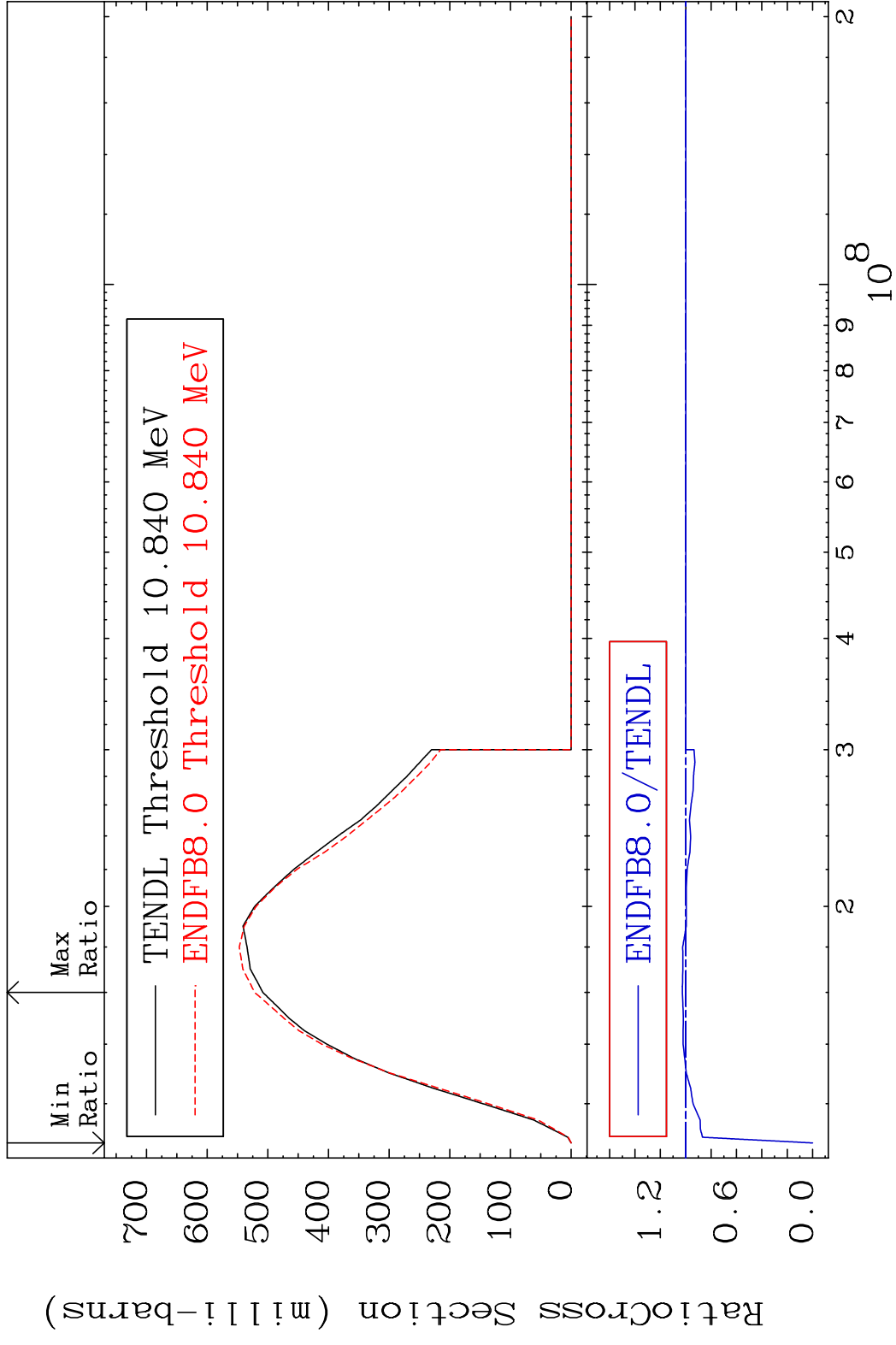
Incident Energy (eV)

10-Ne-22

MAT 1031 Inelastic 10-Ne-22  
 Cross Section -100.0 To 1.237 %



MAT 1031 (n,2n) 10-Ne-22  
 Cross Section -100.0 To 2.673 %

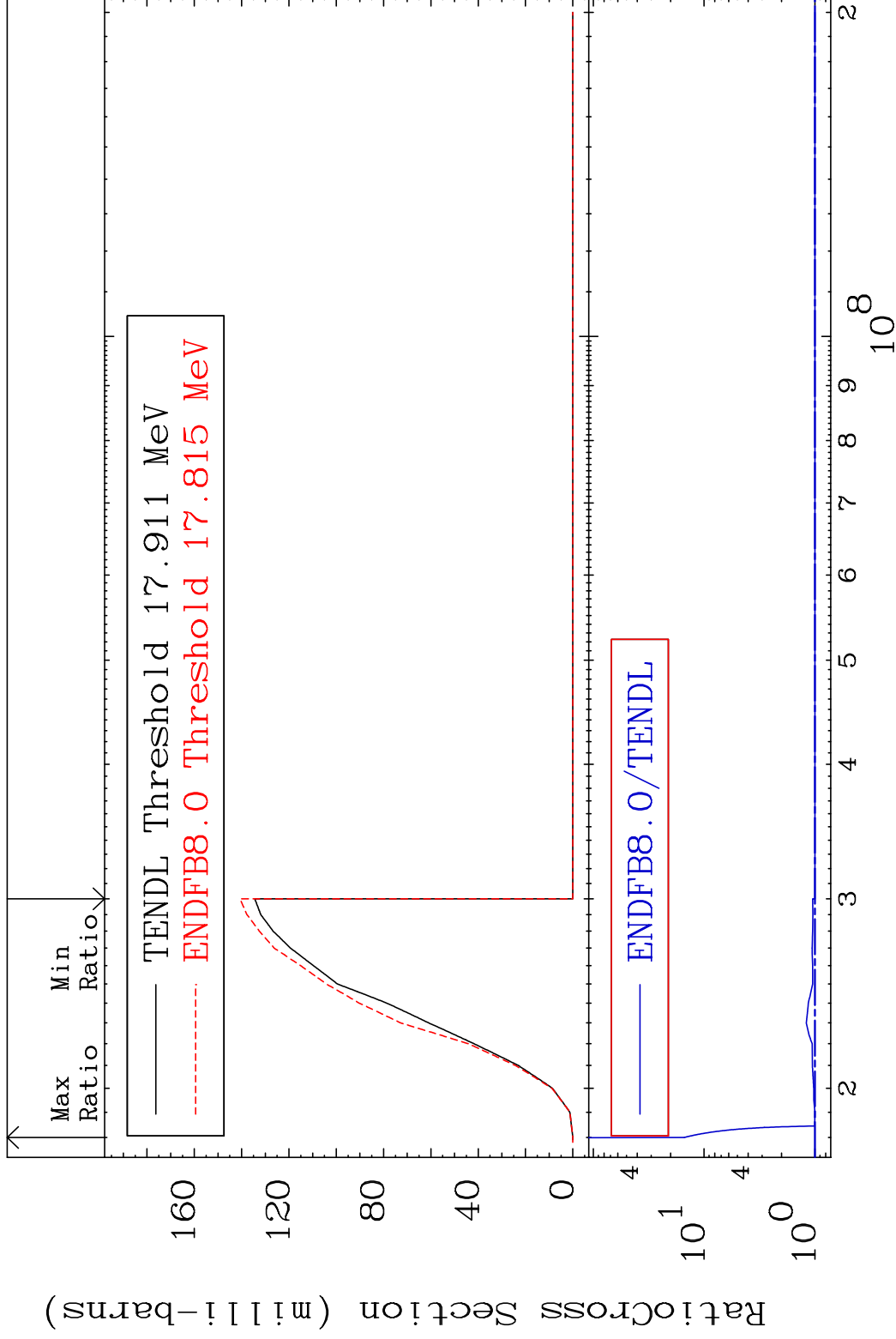


MAT 1031

(n,3n)

10-Ne-22

Cross Section 0.000 To 1407. %



5

Incident Energy (eV)

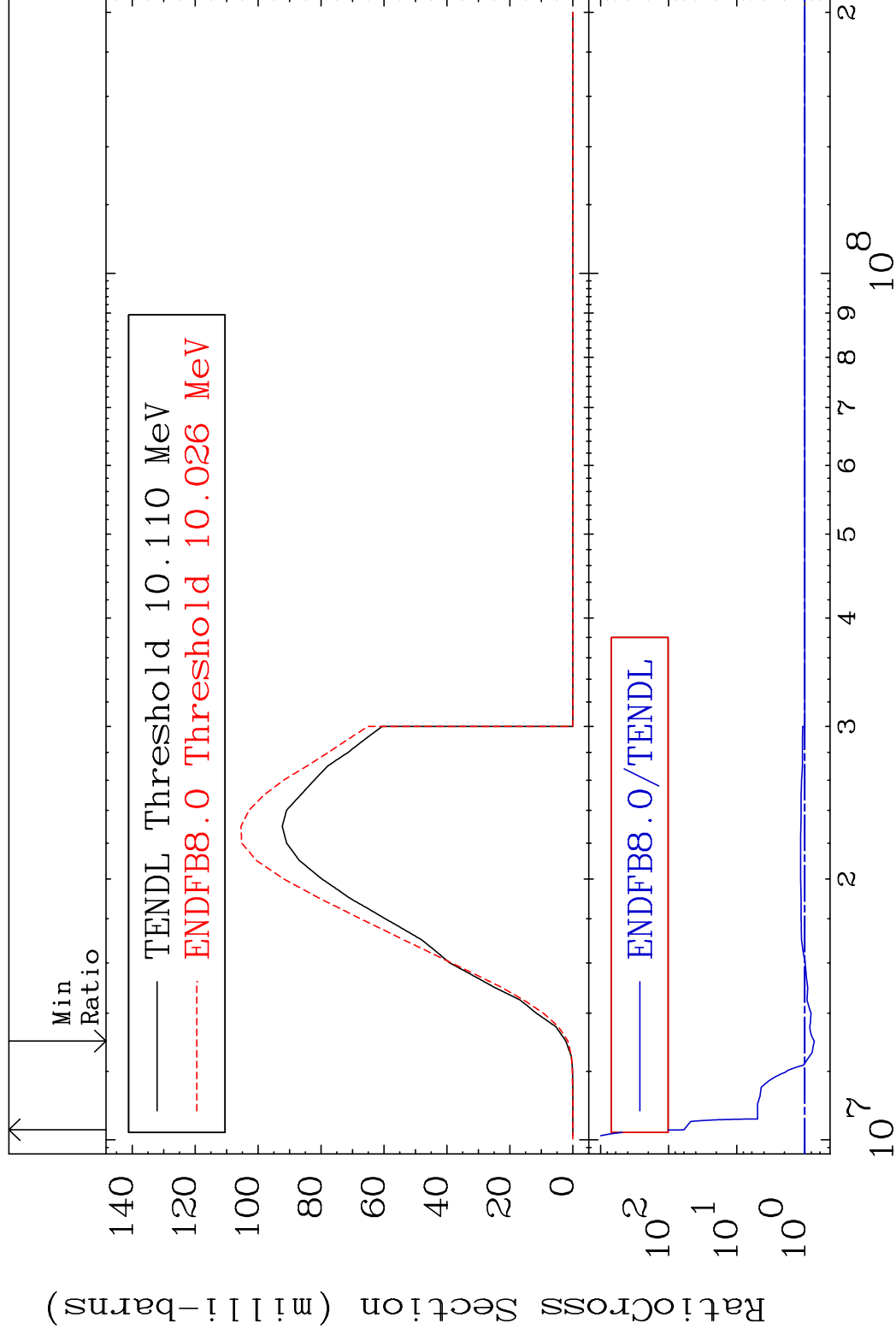
10-Ne-22

MAT 1031

(n, n')  $\alpha$

10-Ne-22

Cross Section -27.29 To 5846. %



6

Incident Energy (eV)

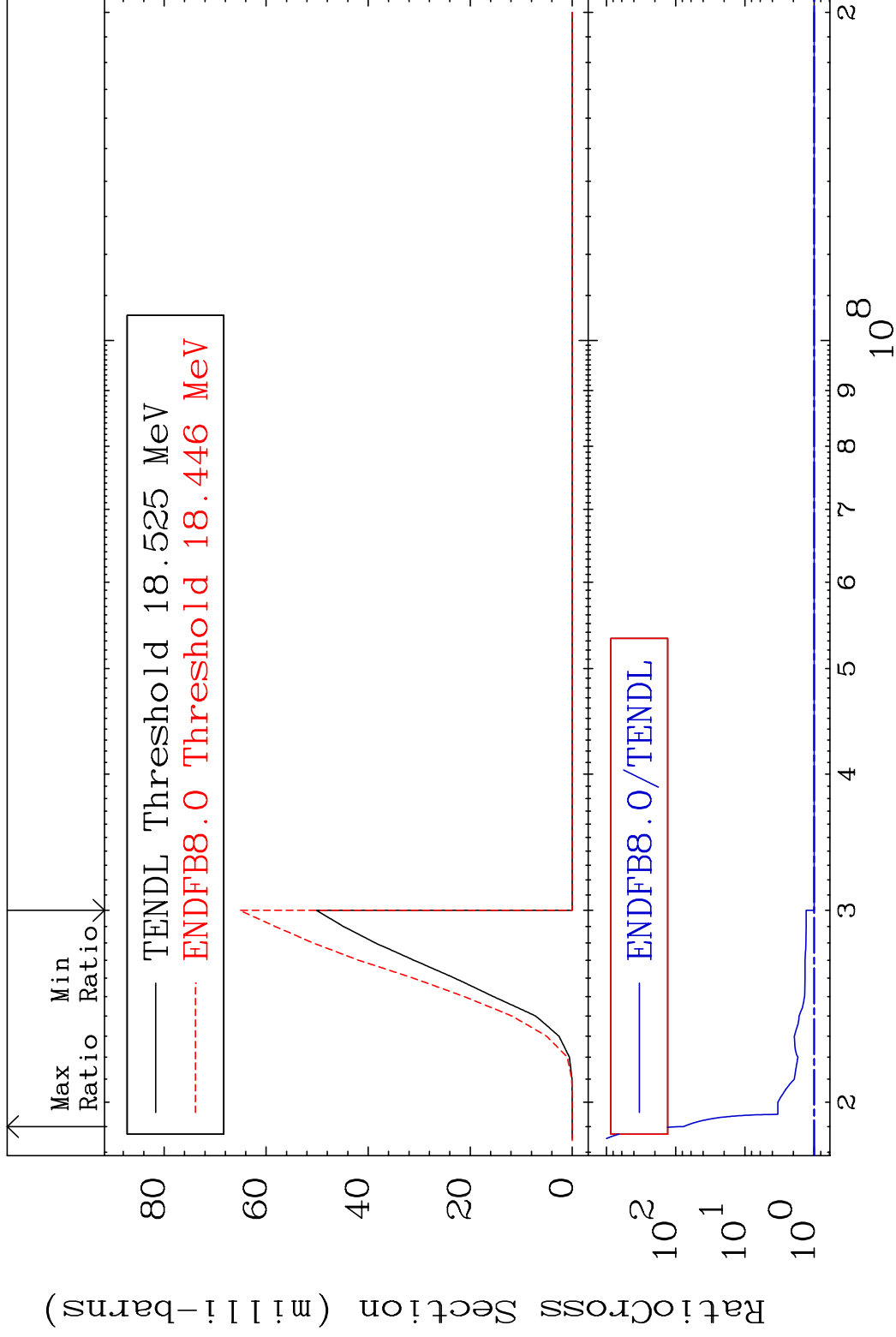
10-Ne-22

MAT 1031

(n,2n)  $\alpha$

10-Ne-22

Cross Section 0.000 To 7565. %



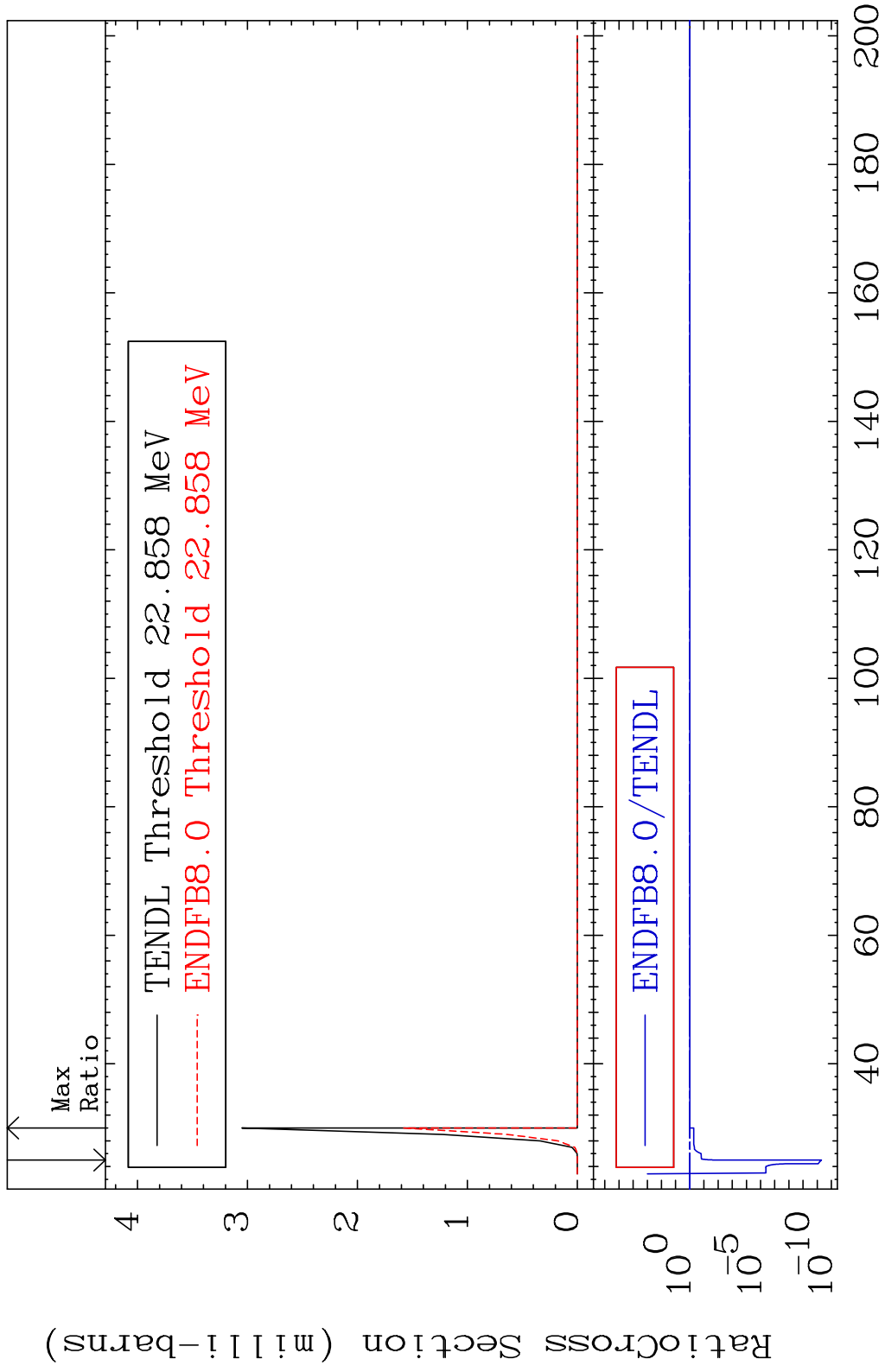
7

Incident Energy (eV)

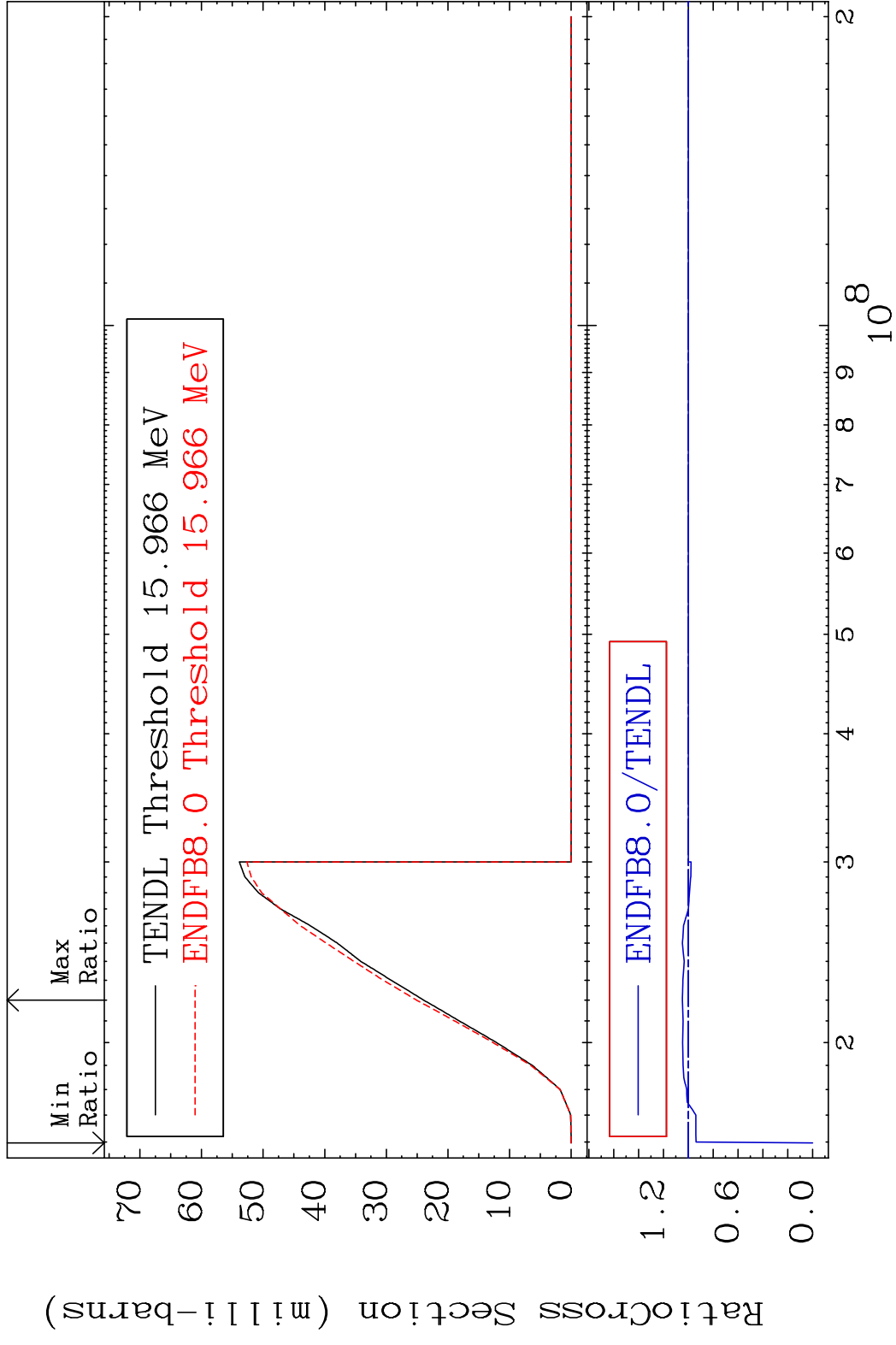
10-Ne-22



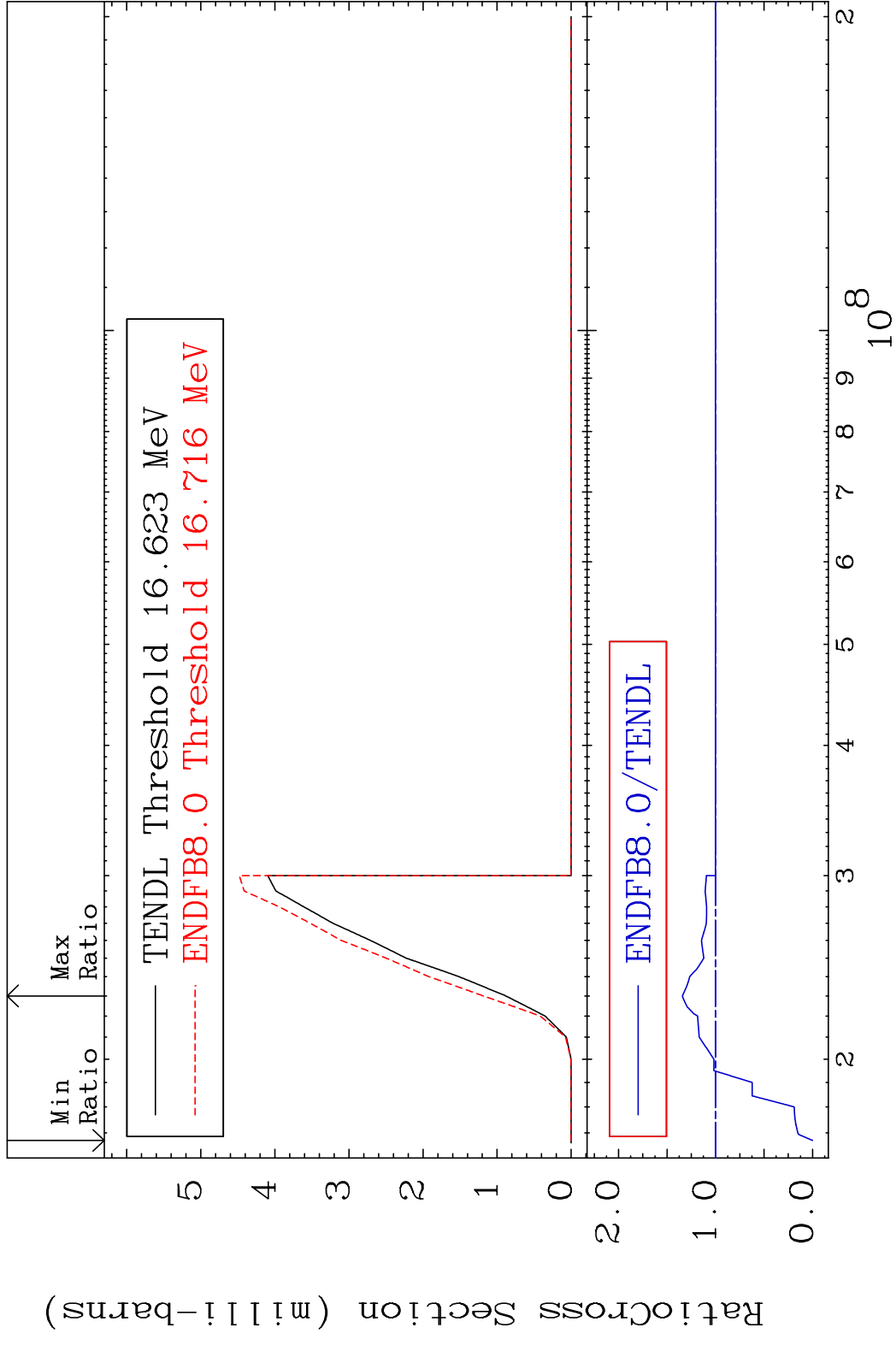
MAT 1031 (n,3n)  $\alpha$  10-Ne-22  
 Cross Section -100.0 To 0.000 %



MAT 1031 (n, n') p 10-Ne-22  
 Cross Section -100.0 To 4.779 %



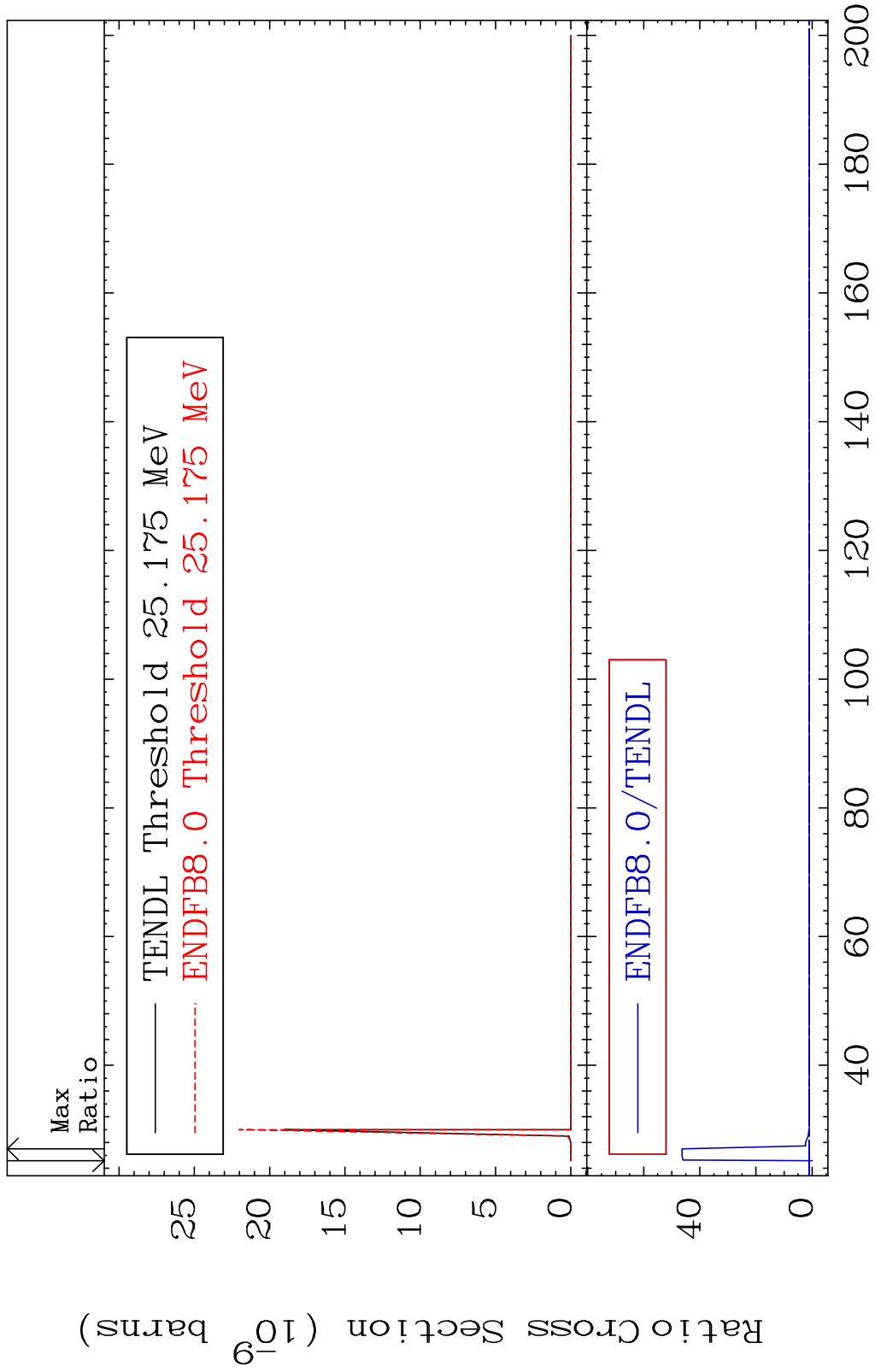
MAT 1031 (n, n') 2α 10-Ne-22  
 Cross Section -100.0 To 34.22 %



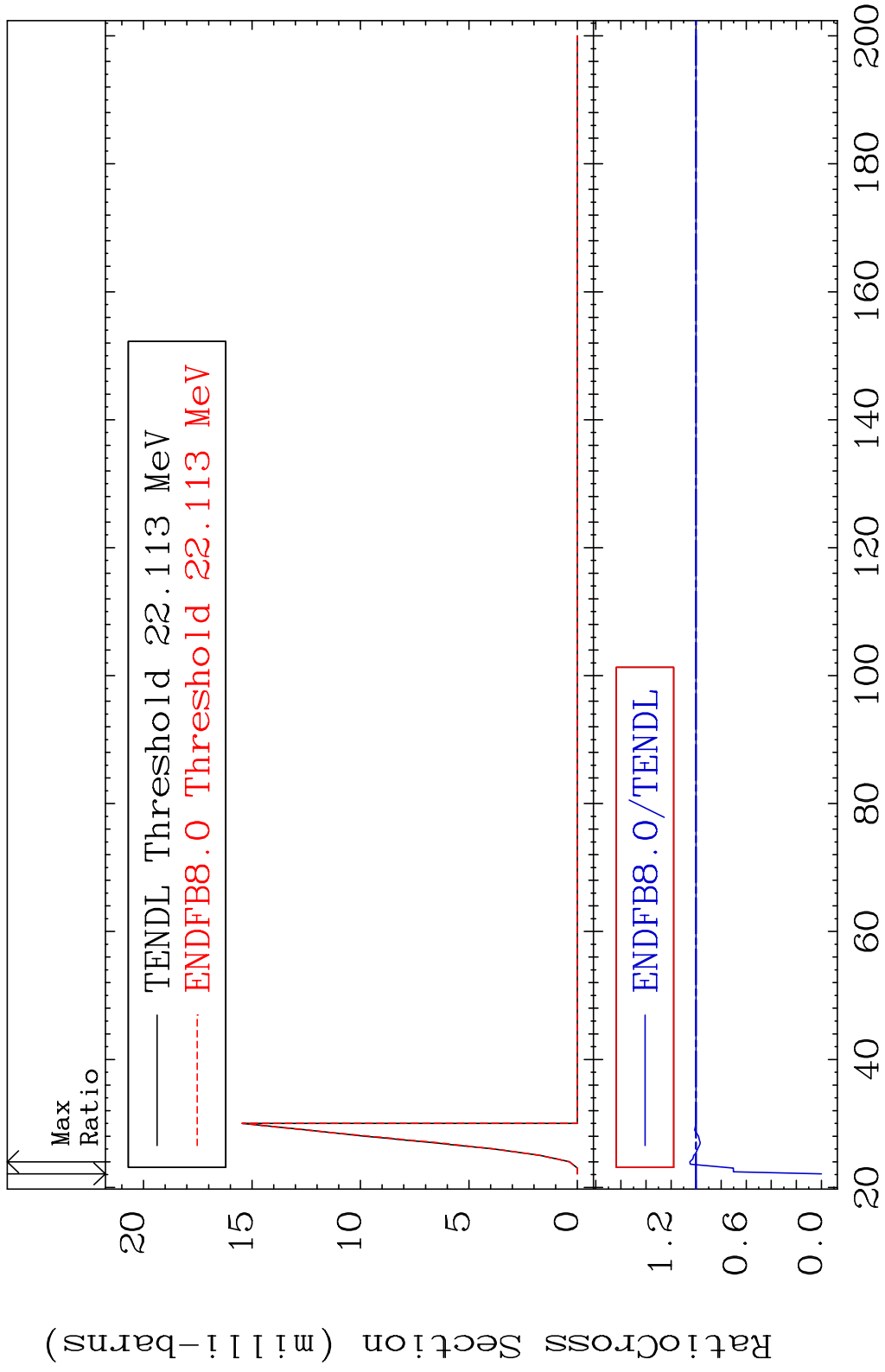
10

Incident Energy (eV) 10-Ne-22

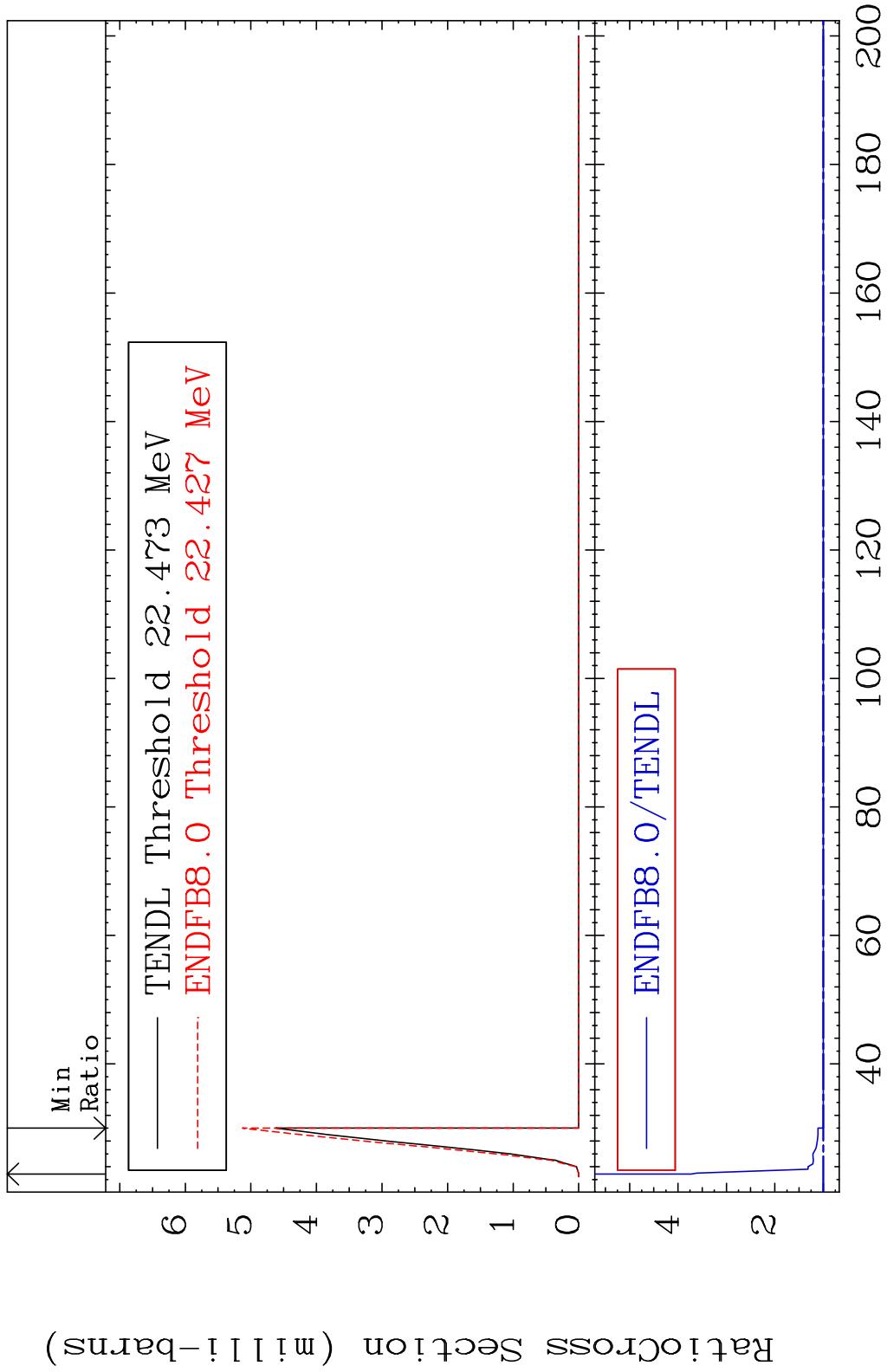
MAT 1031 (n,2n) 2α 10-Ne-22  
 Cross Section -100.0 To 4536. %



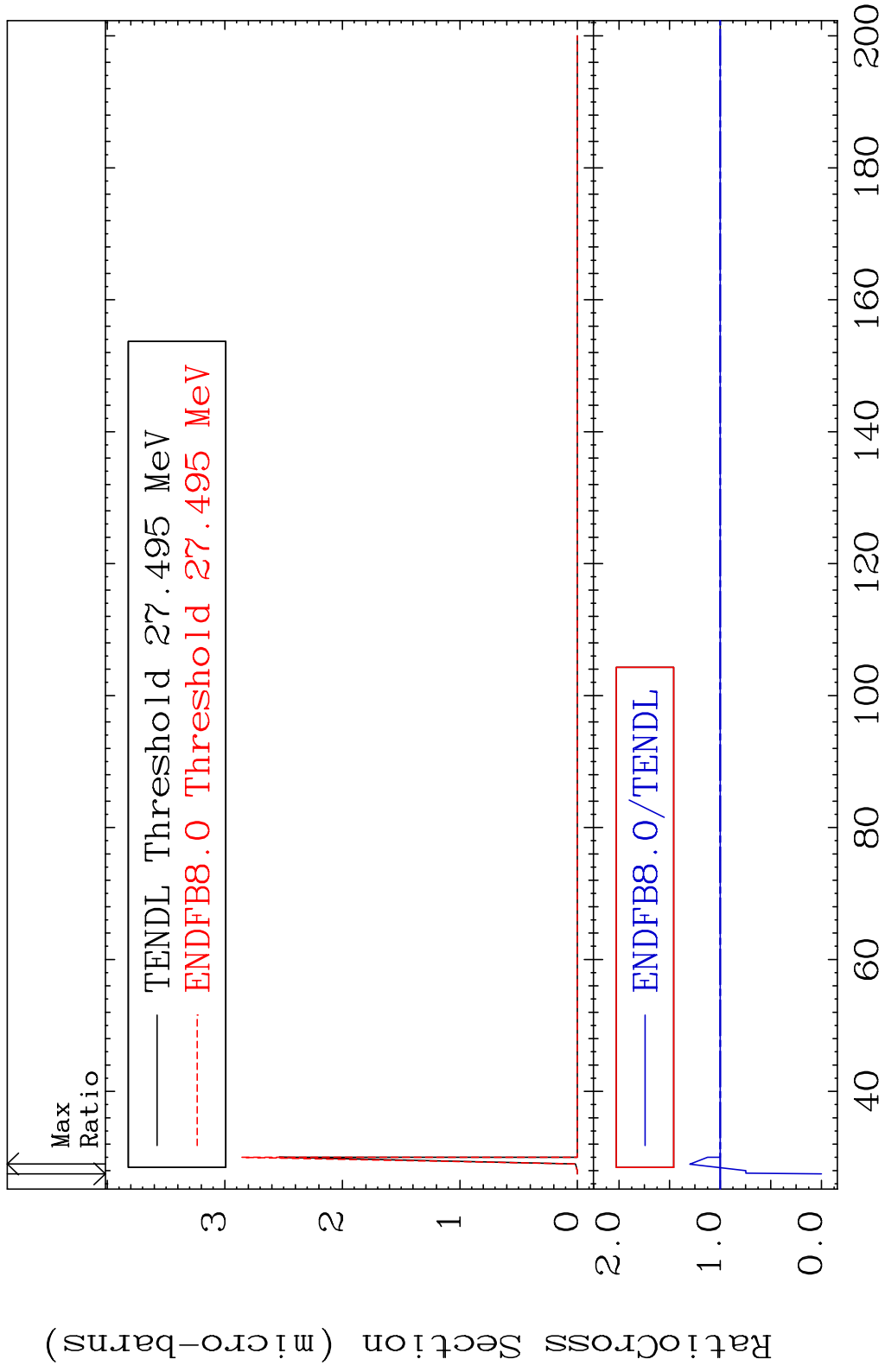
MAT 1031 (n, n') d 10-Ne-22  
 Cross Section -100.0 To 5.048 %



MAT 1031 (n, n') t 10-Ne-22  
 Cross Section 0.000 To 272.4 %



MAT 1031 (n,n') He-3 10-Ne-22  
 Cross Section -100.0 To 30.08 %

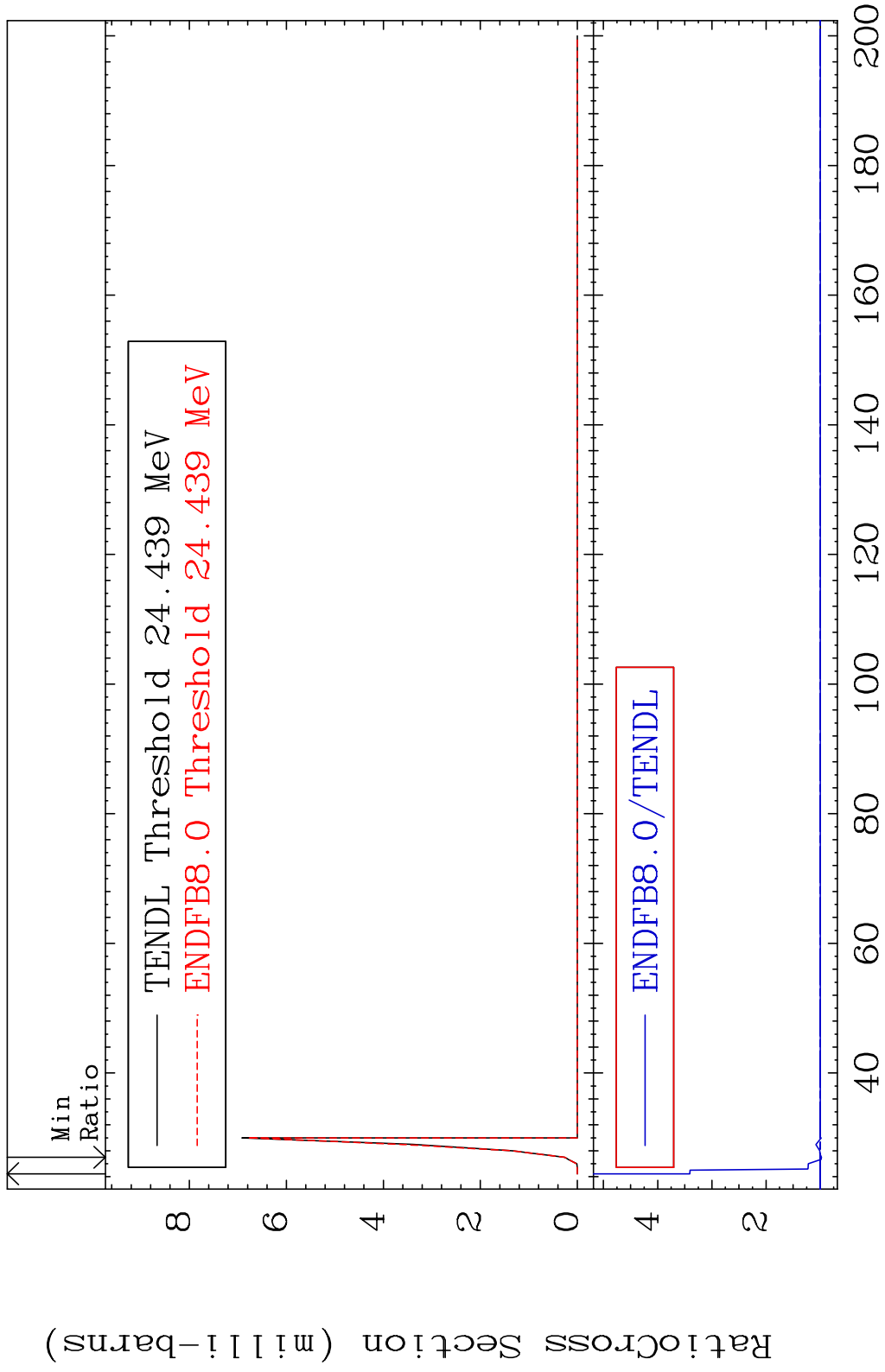


MAT 1031

(n,2n) p

10-Ne-22

Cross Section -2.163 To 240.7 %



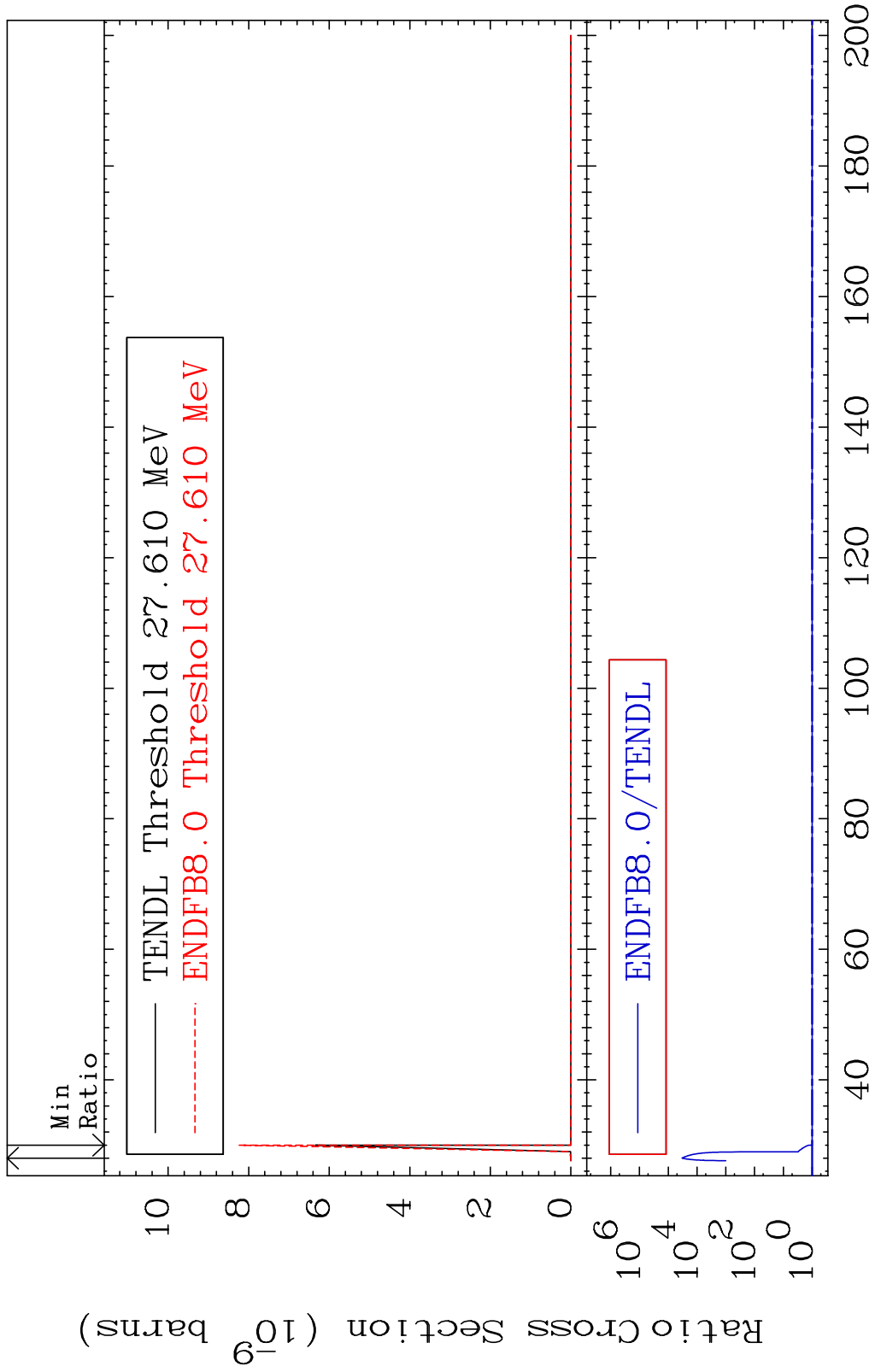
15

Incident Energy (MeV)

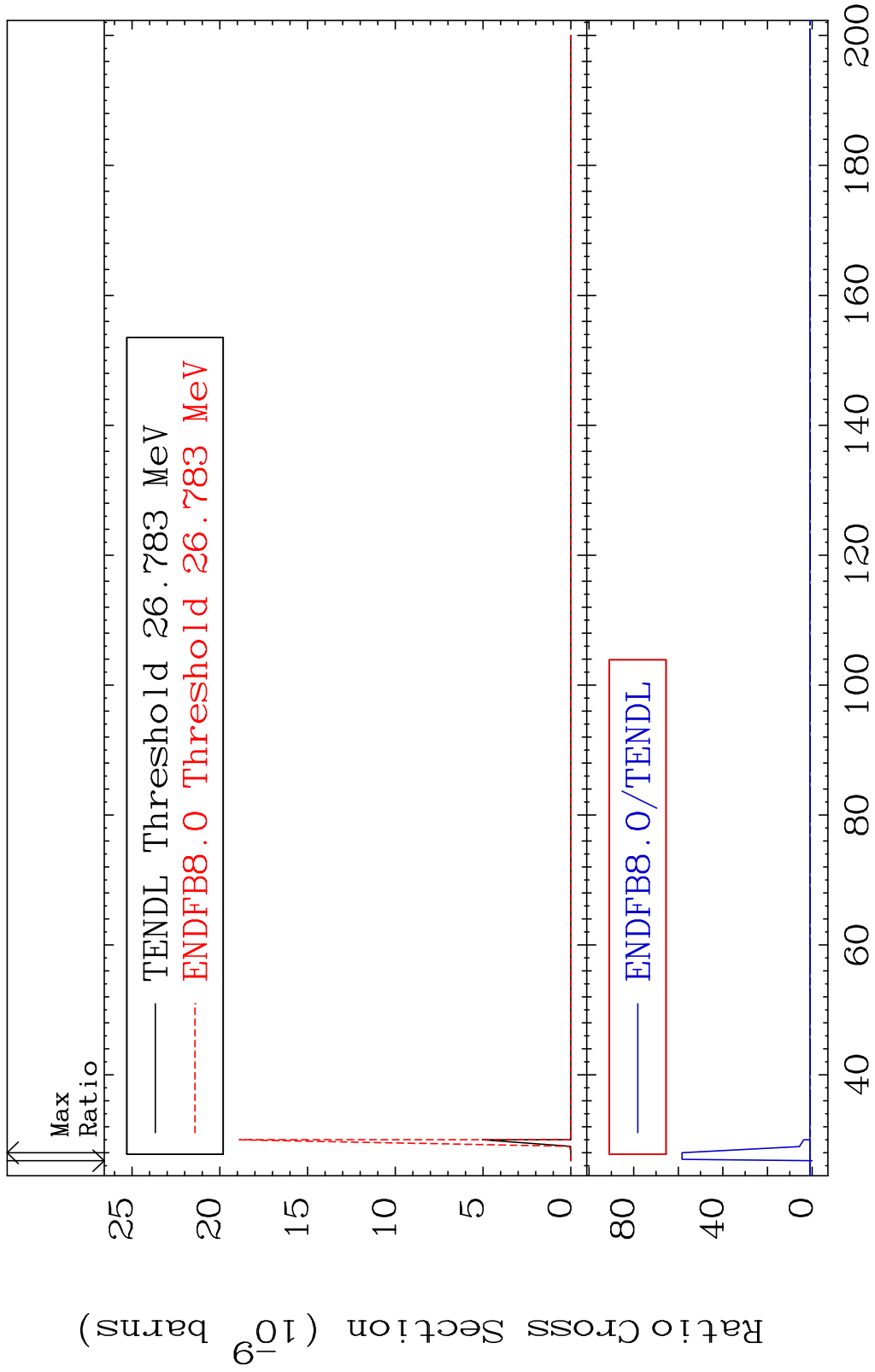
10-Ne-22



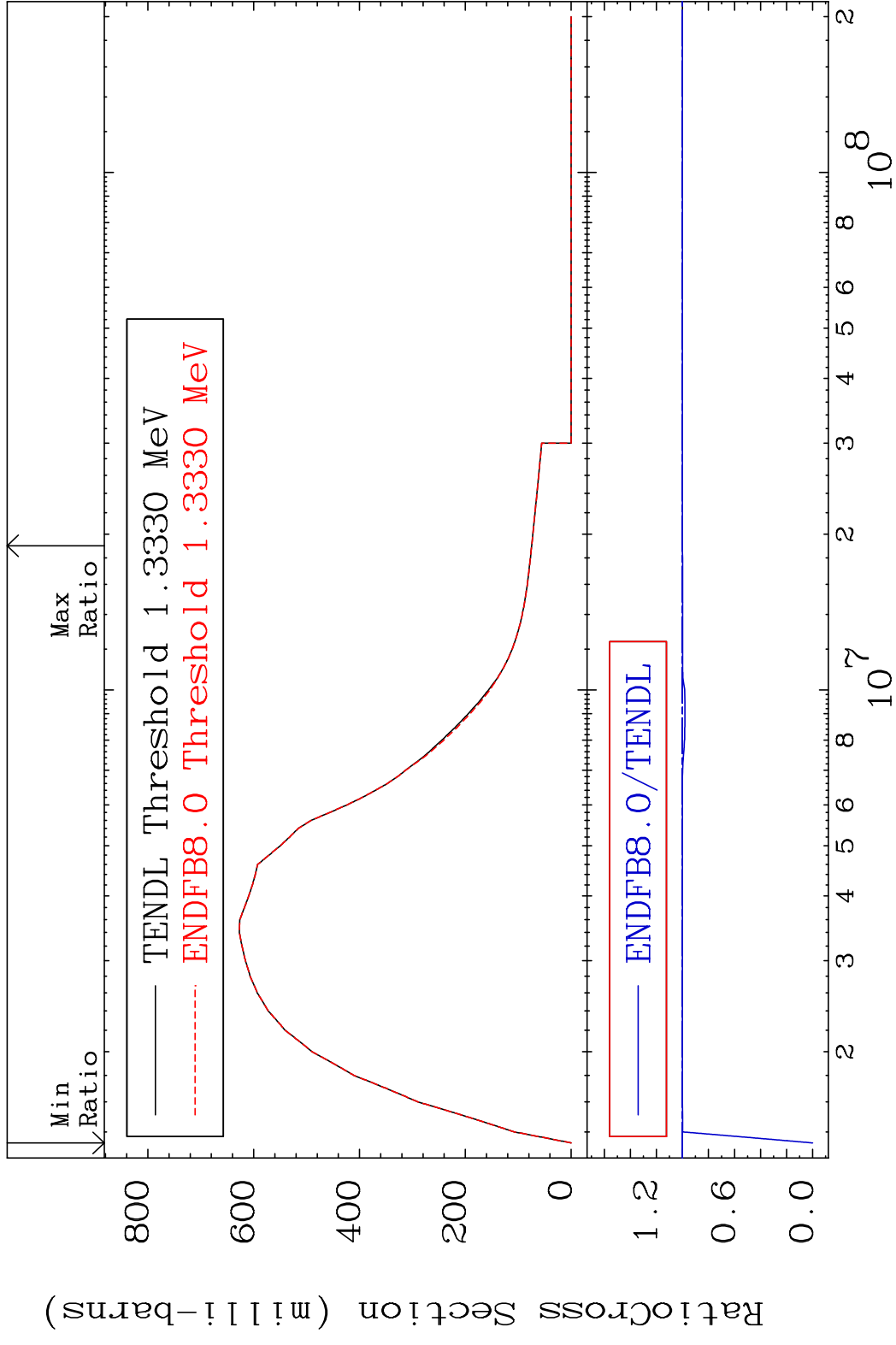
MAT 1031 (n,2n) p 10-Ne-22  
 Cross Section 0.000 To 9999. %



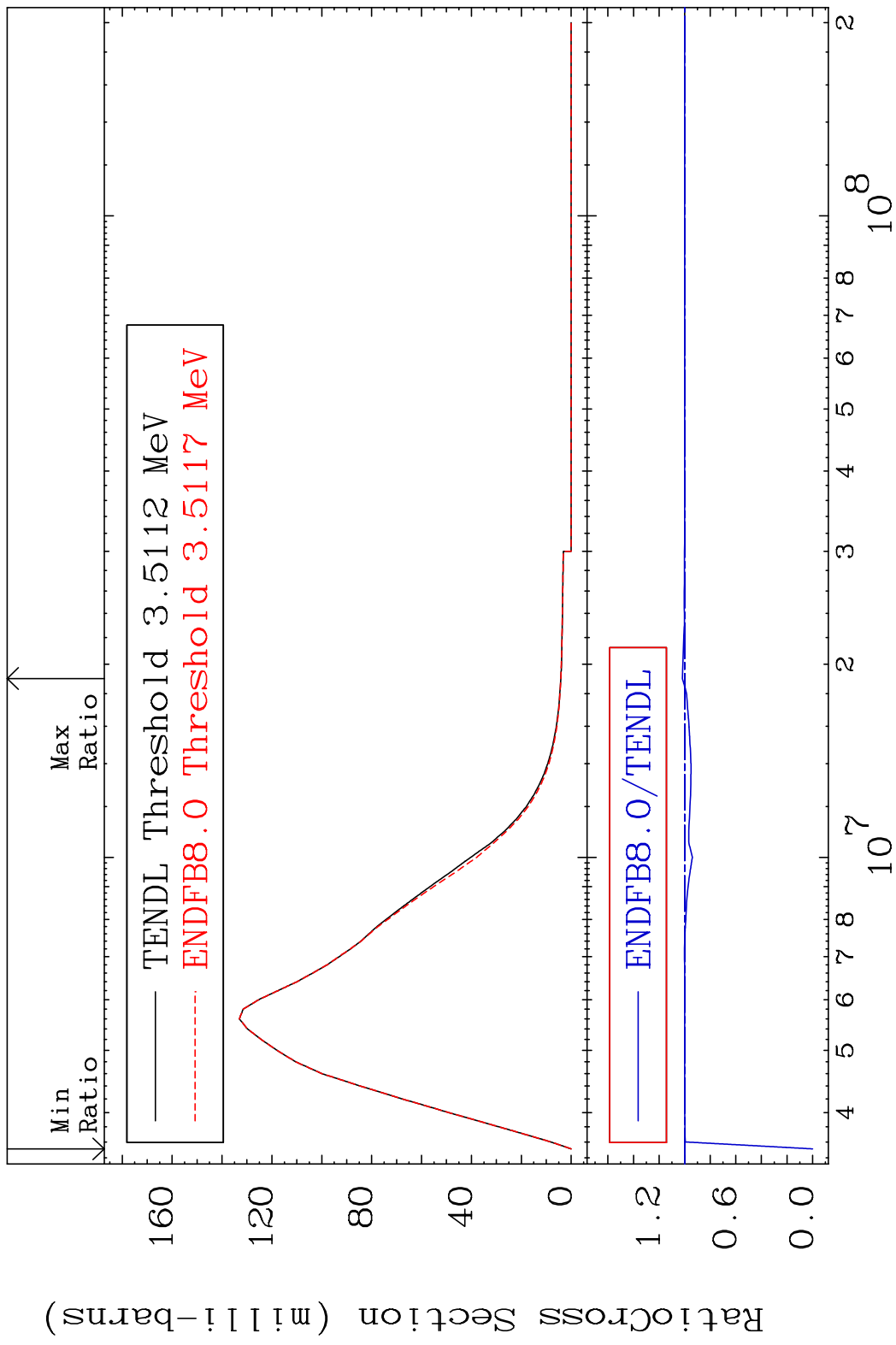
MAT 1031 (n,n') p  $\alpha$  10-Ne-22  
 Cross Section -100.0 To 5734. %



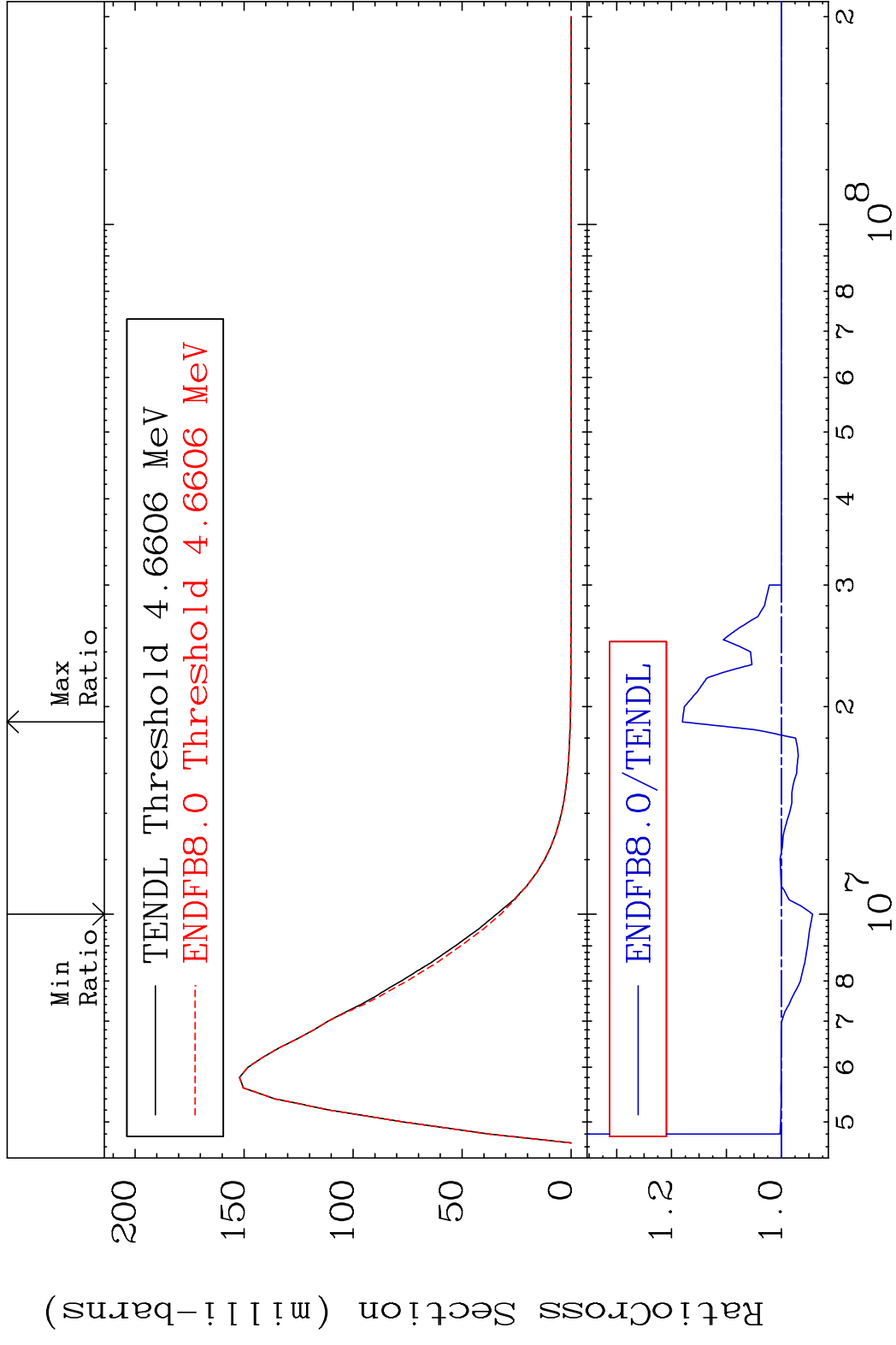
MAT 1031 MT= 51 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 0.099 %



MAT 1031 MT= 52 (n,n') Level 10-Ne-22  
 Cross Section -100.0 To 1.789 %

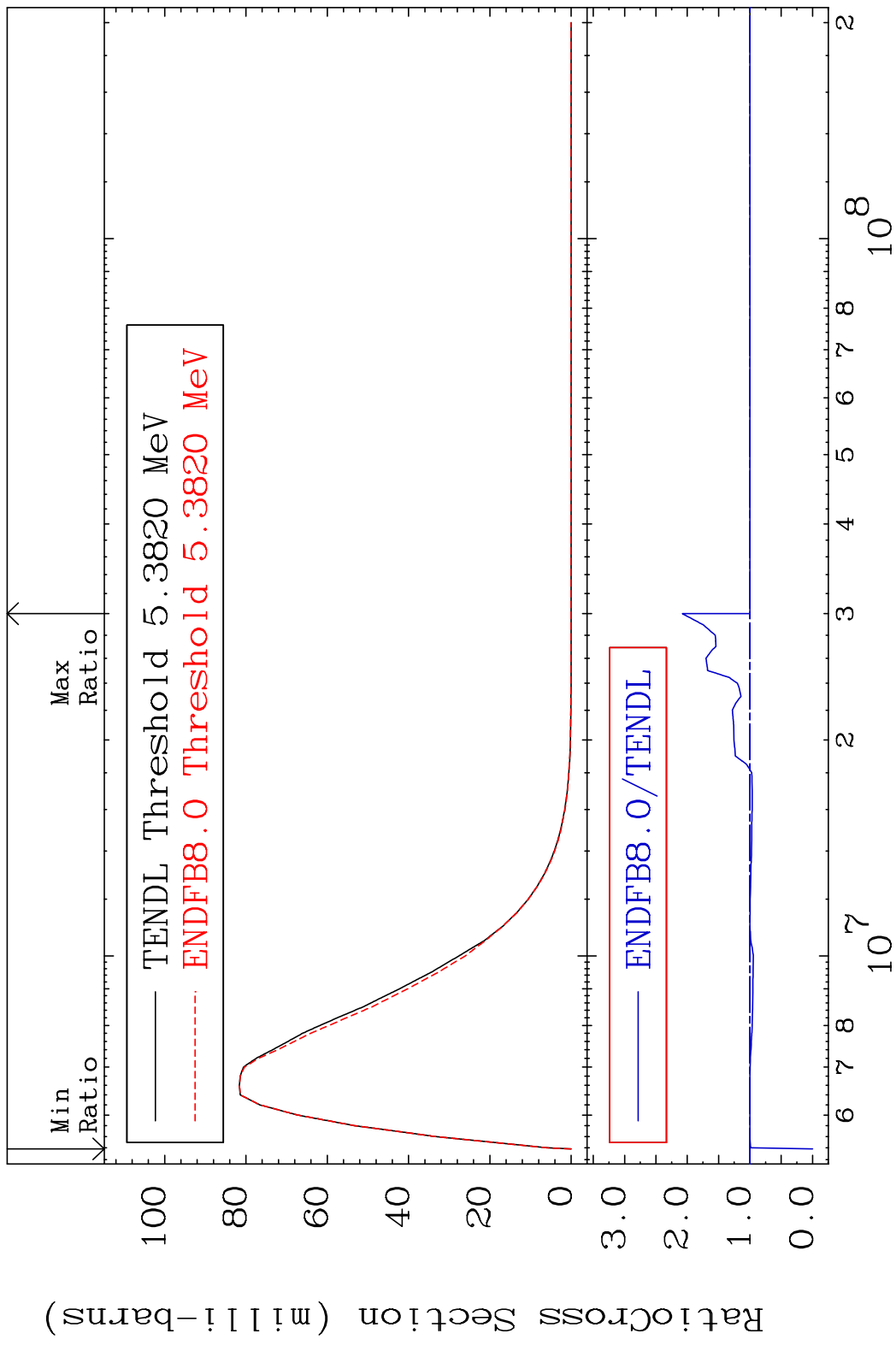


MAT 1031 MT= 53 (n, n') Level 10-Ne-22  
 Cross Section -5.676 To 18.03 %

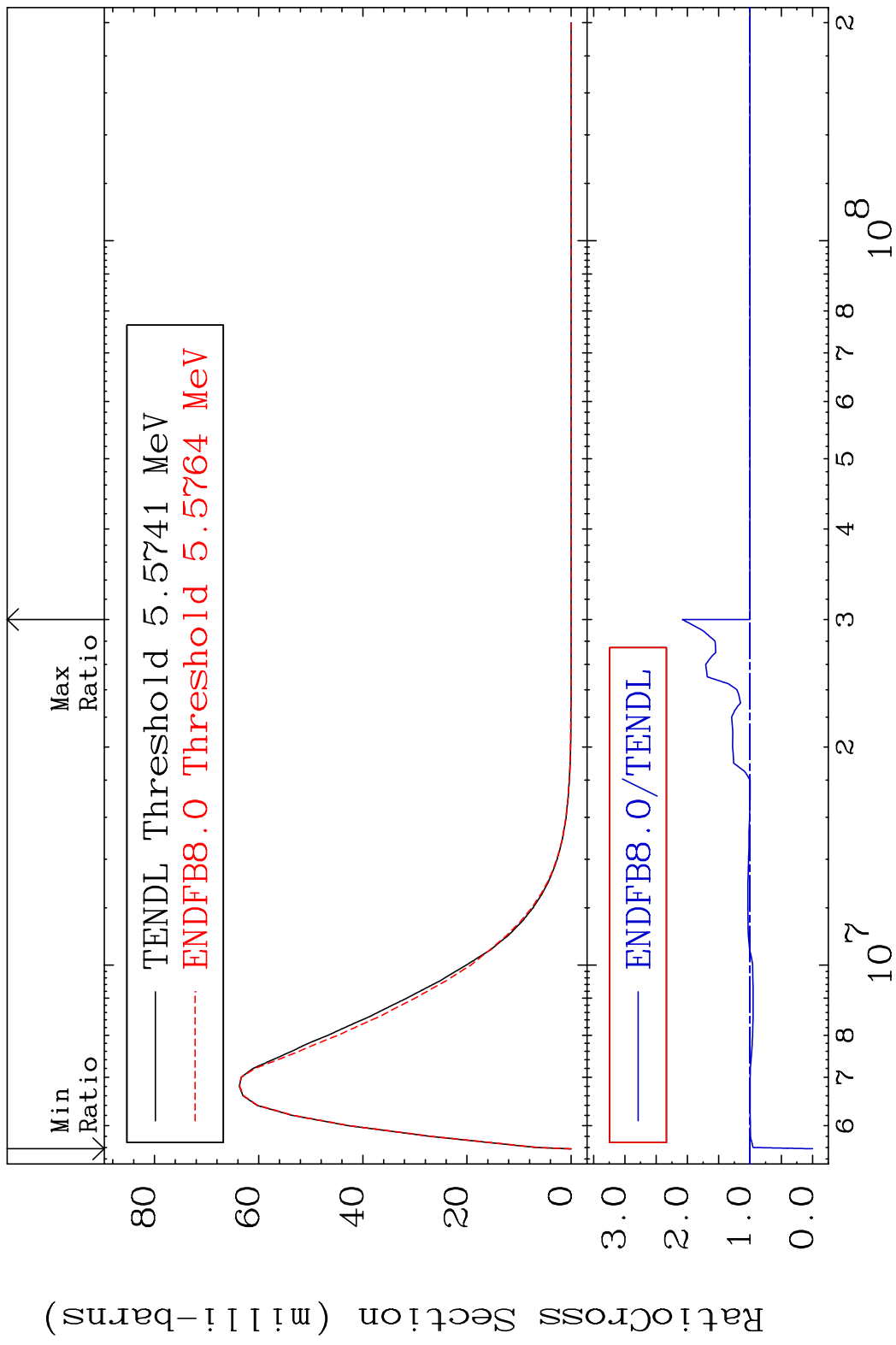


20 Incident Energy (eV) 10-Ne-22

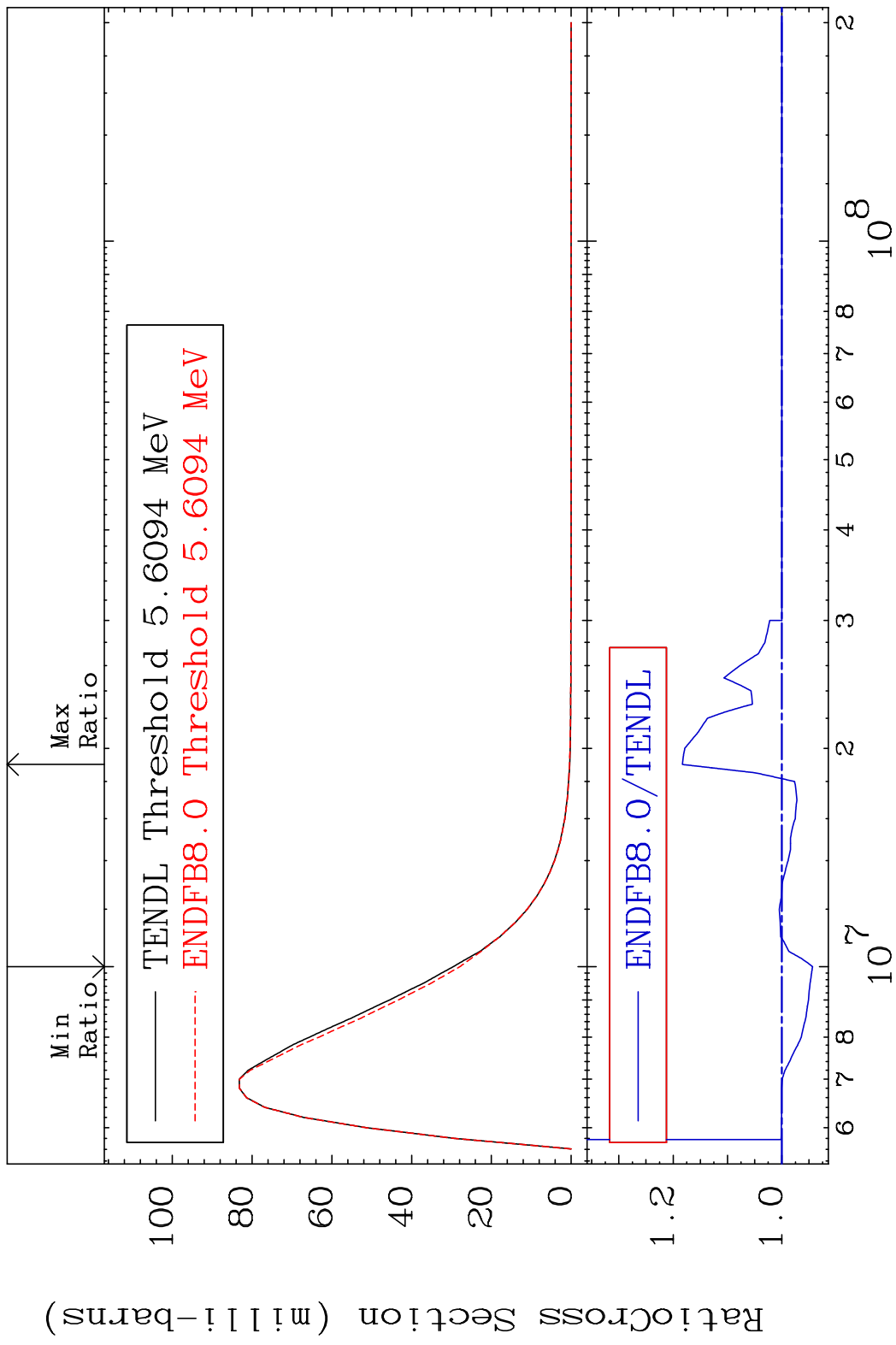
MAT 1031 MT= 54 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 107.8 %



MAT 1031 MT= 55 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 108.1 %

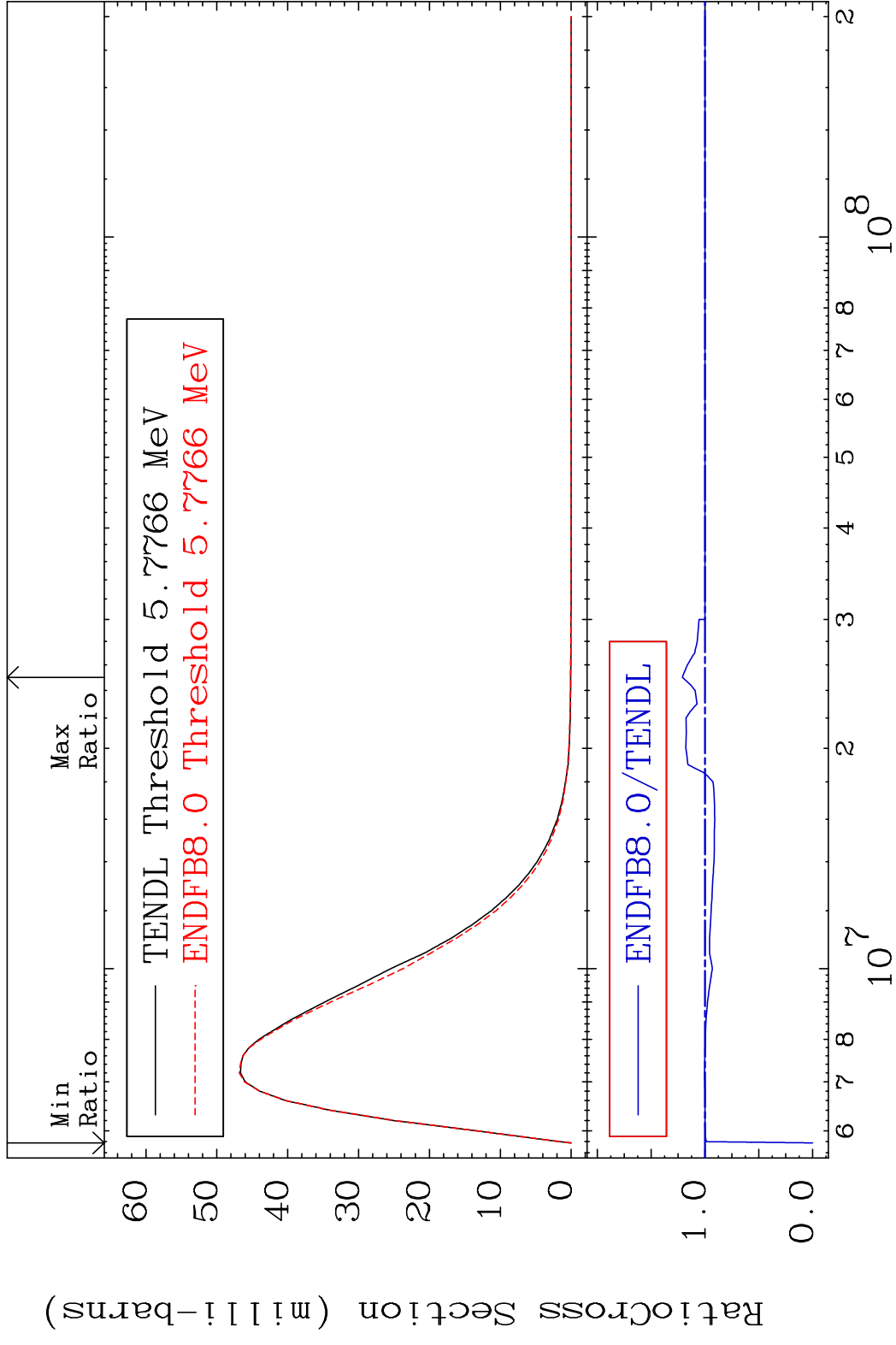


MAT 1031 MT= 56 (n,n') Level 10-Ne-22  
 Cross Section -5.655 To 18.31 %

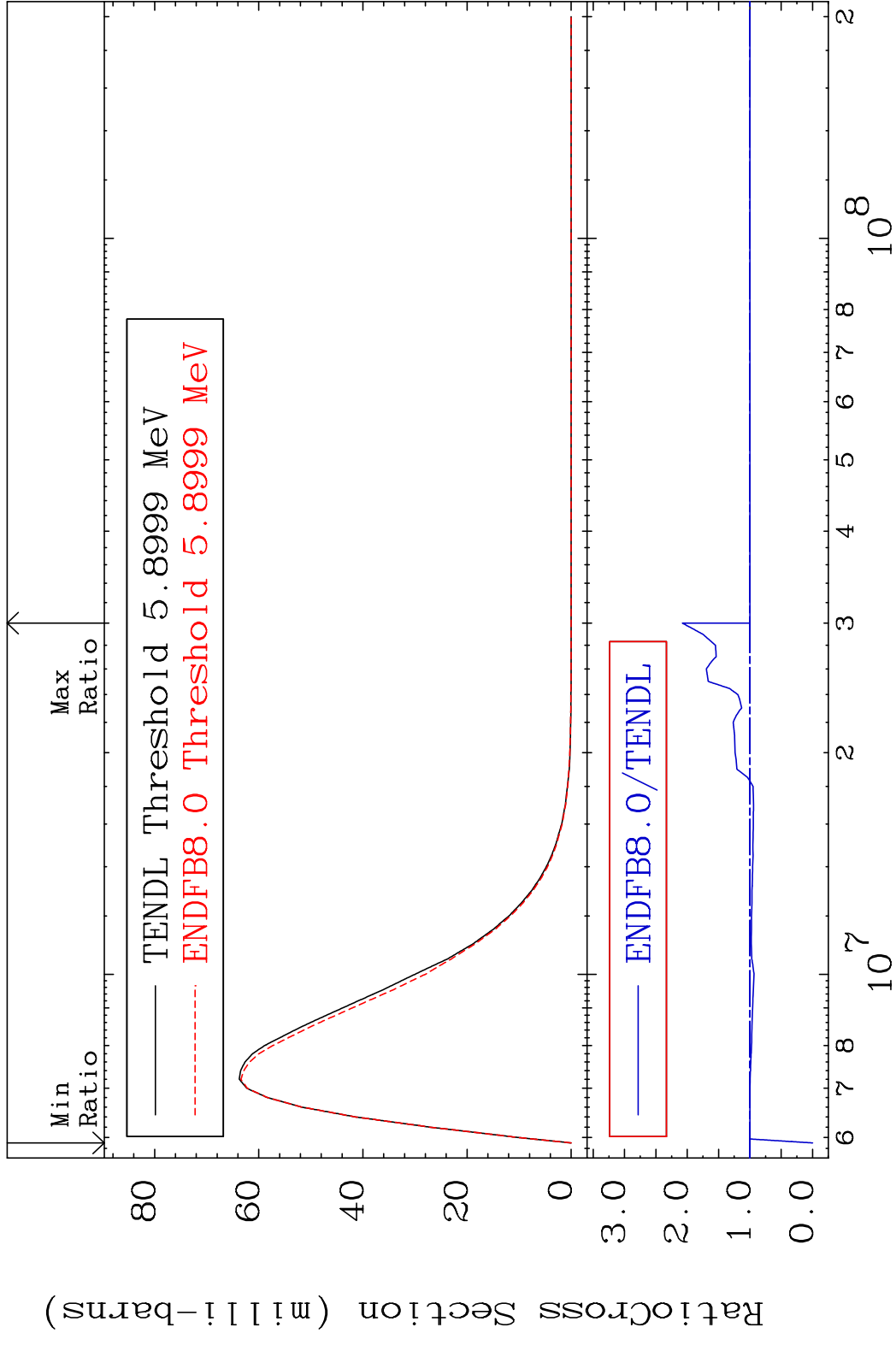




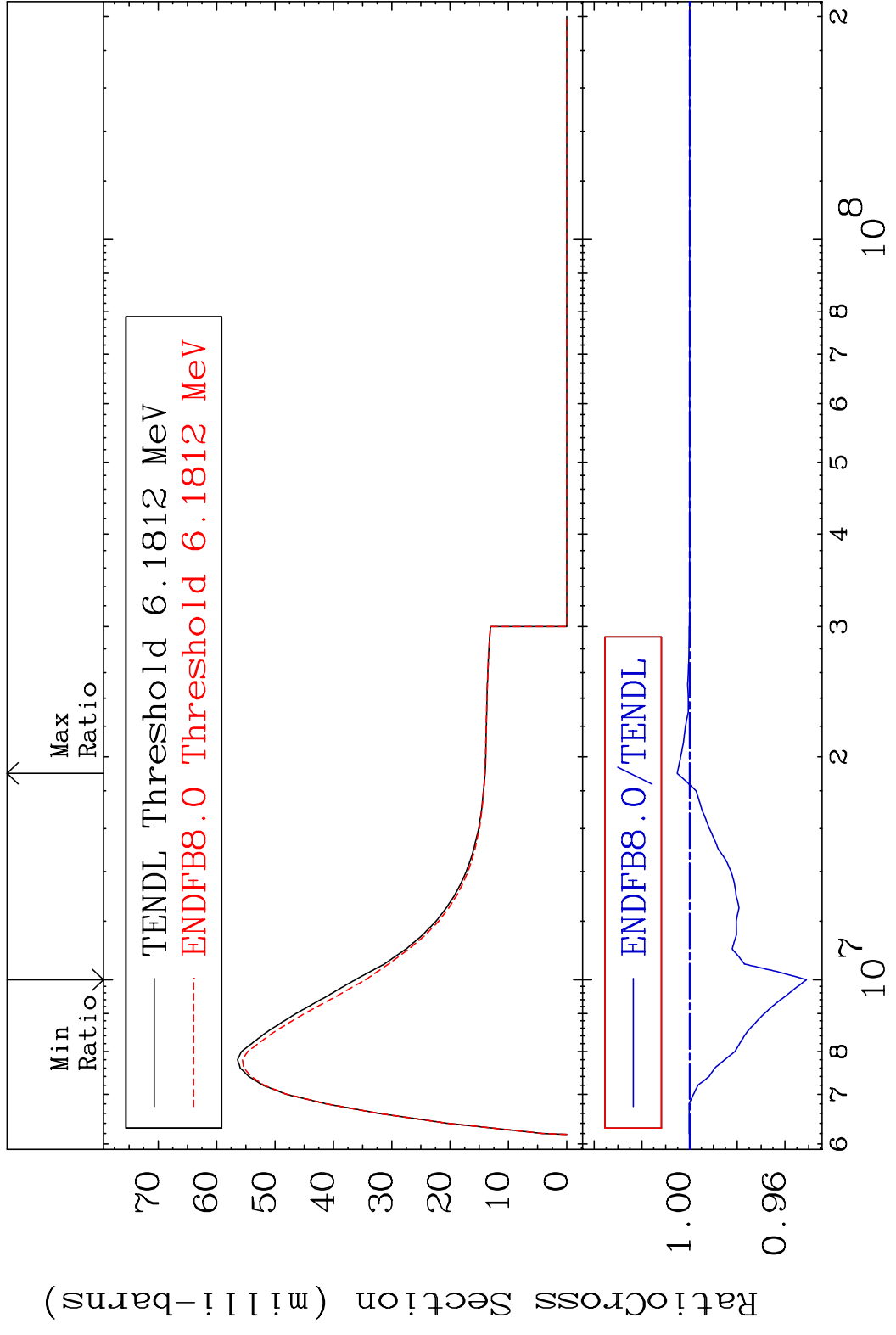
MAT 1031 MT= 57 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 20.97 %



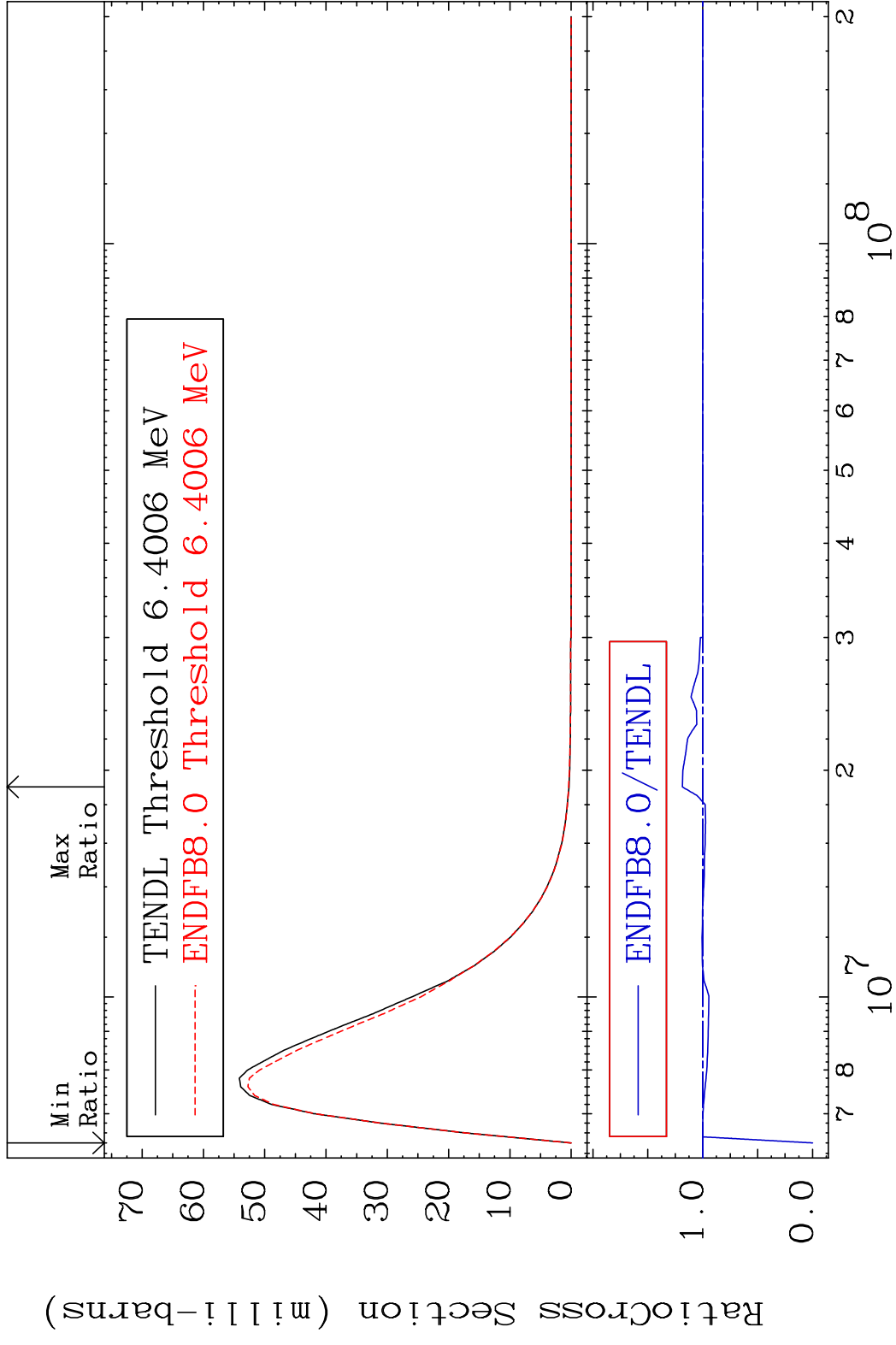
MAT 1031 MT= 58 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 107.8 %



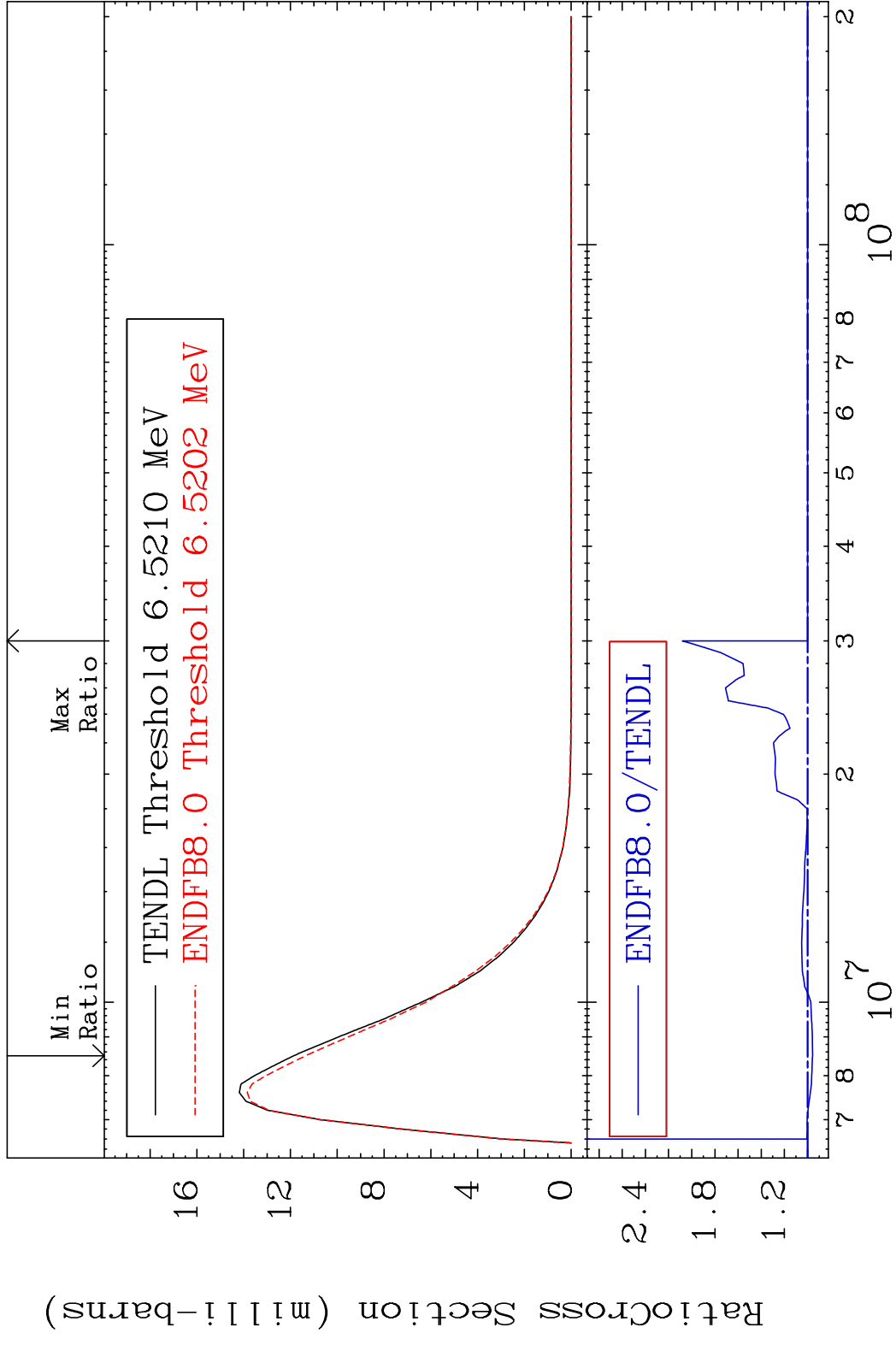
MAT 1031 MT= 59 (n, n') Level 10-Ne-22  
 Cross Section -4.898 To 0.519 %



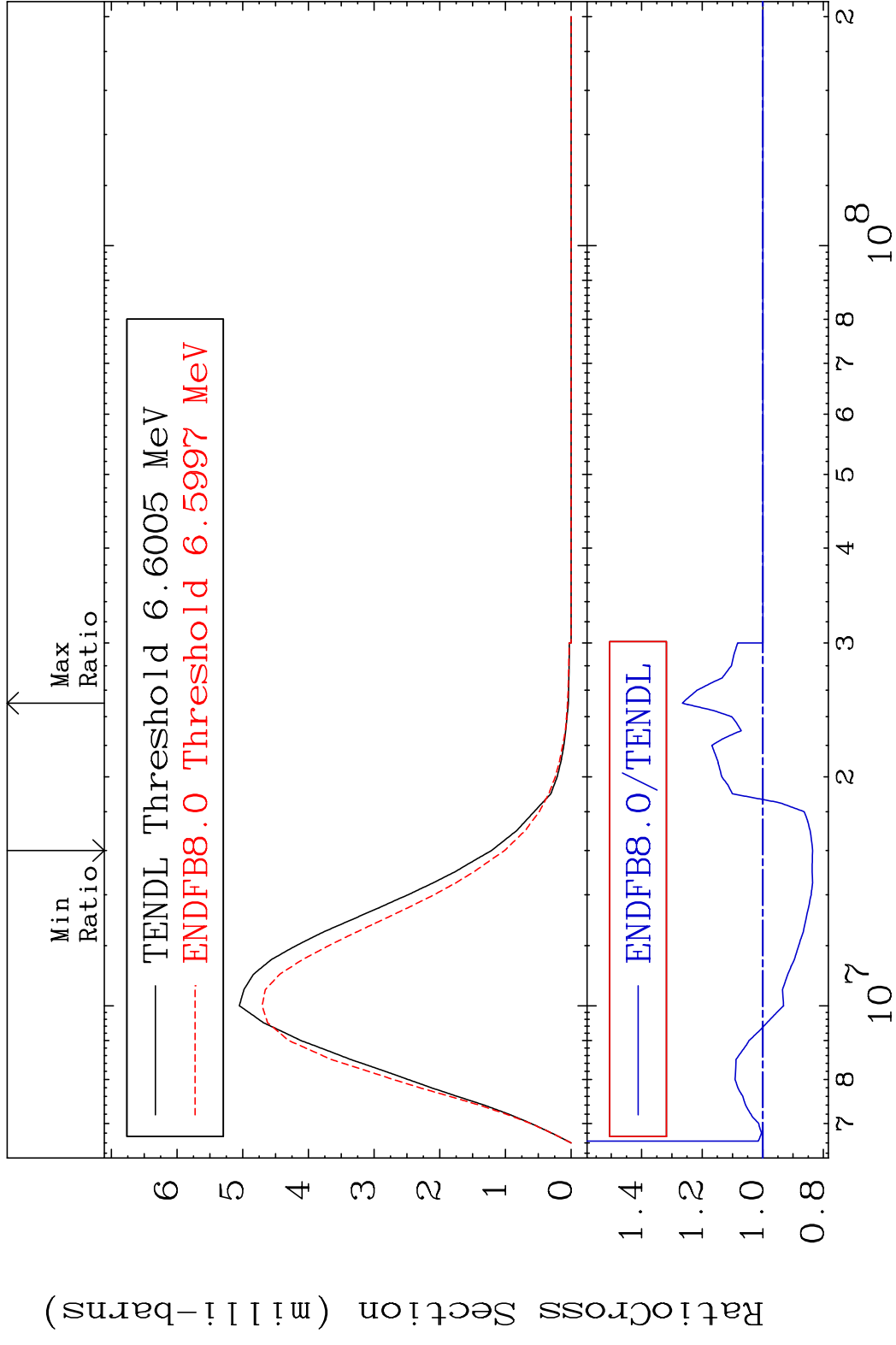
MAT 1031 MT= 60 (n,n') Level 10-Ne-22  
 Cross Section -100.0 To 18.56 %



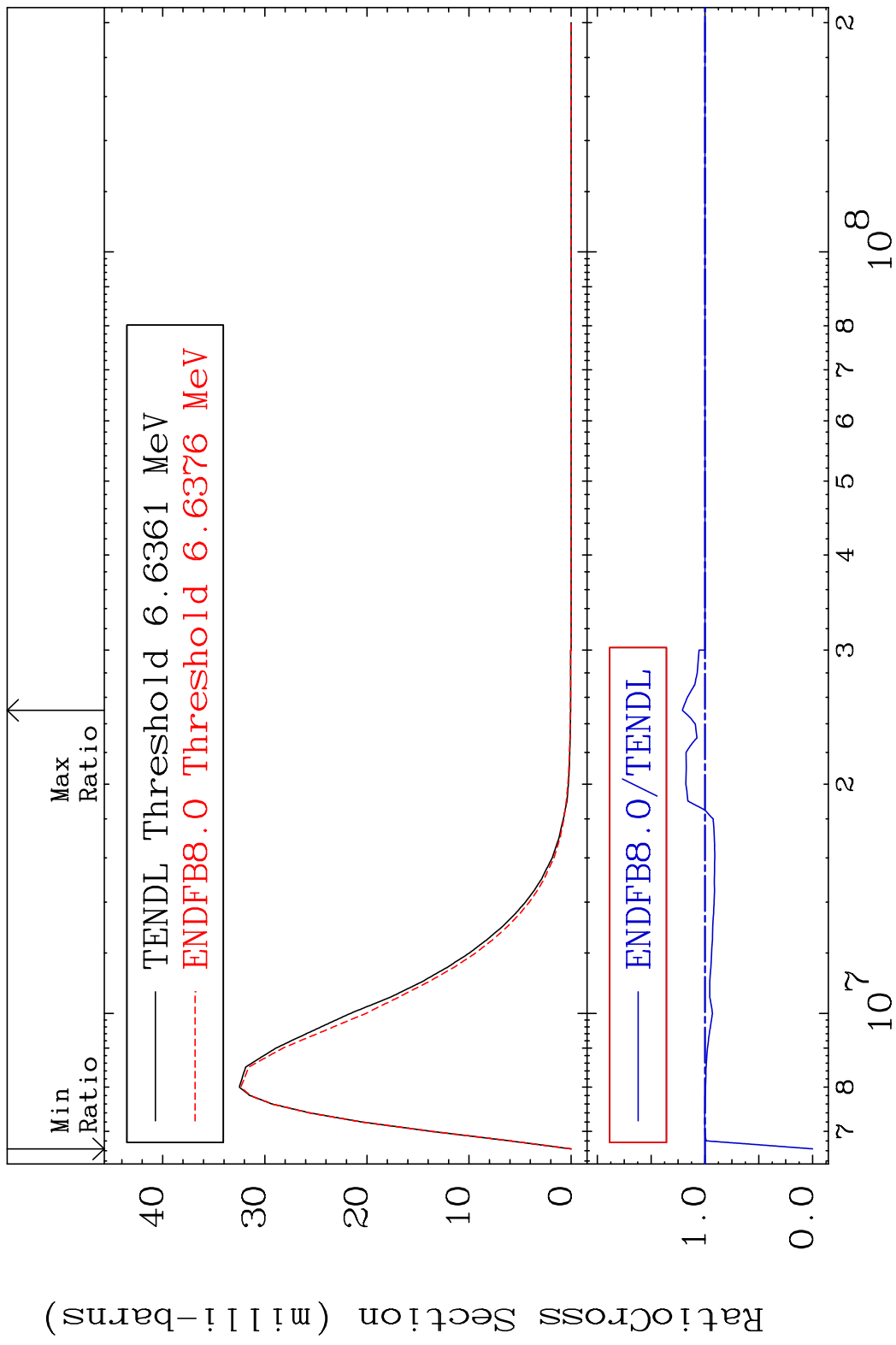
MAT 1031 MT= 61 (n, n') Level 10-Ne-22  
 Cross Section -4.324 To 108.1 %



MAT 1031 MT= 62 (n,n') Level 10-Ne-22  
 Cross Section -16.43 To 26.55 %

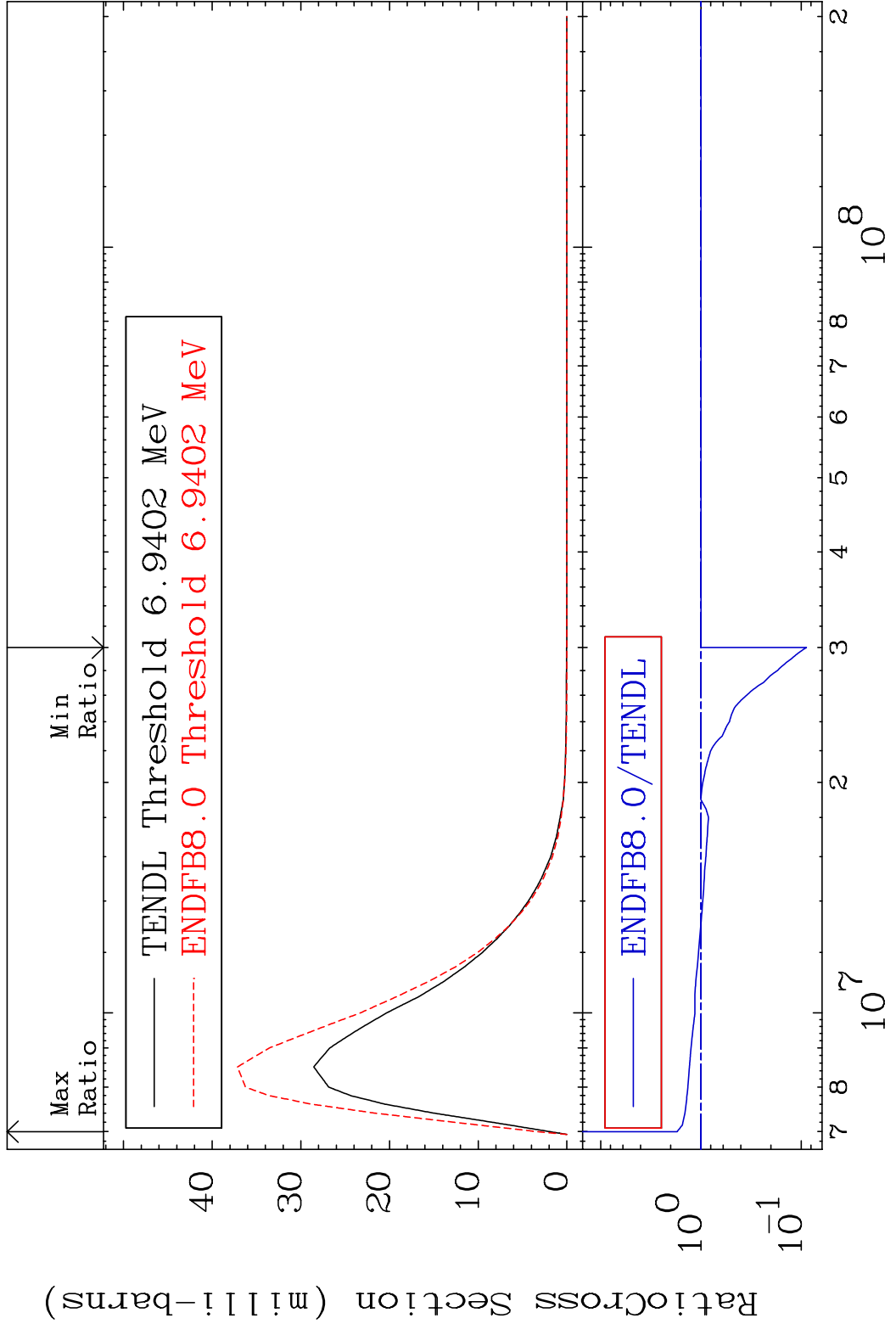


MAT 1031 MT= 63 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 21.01 %



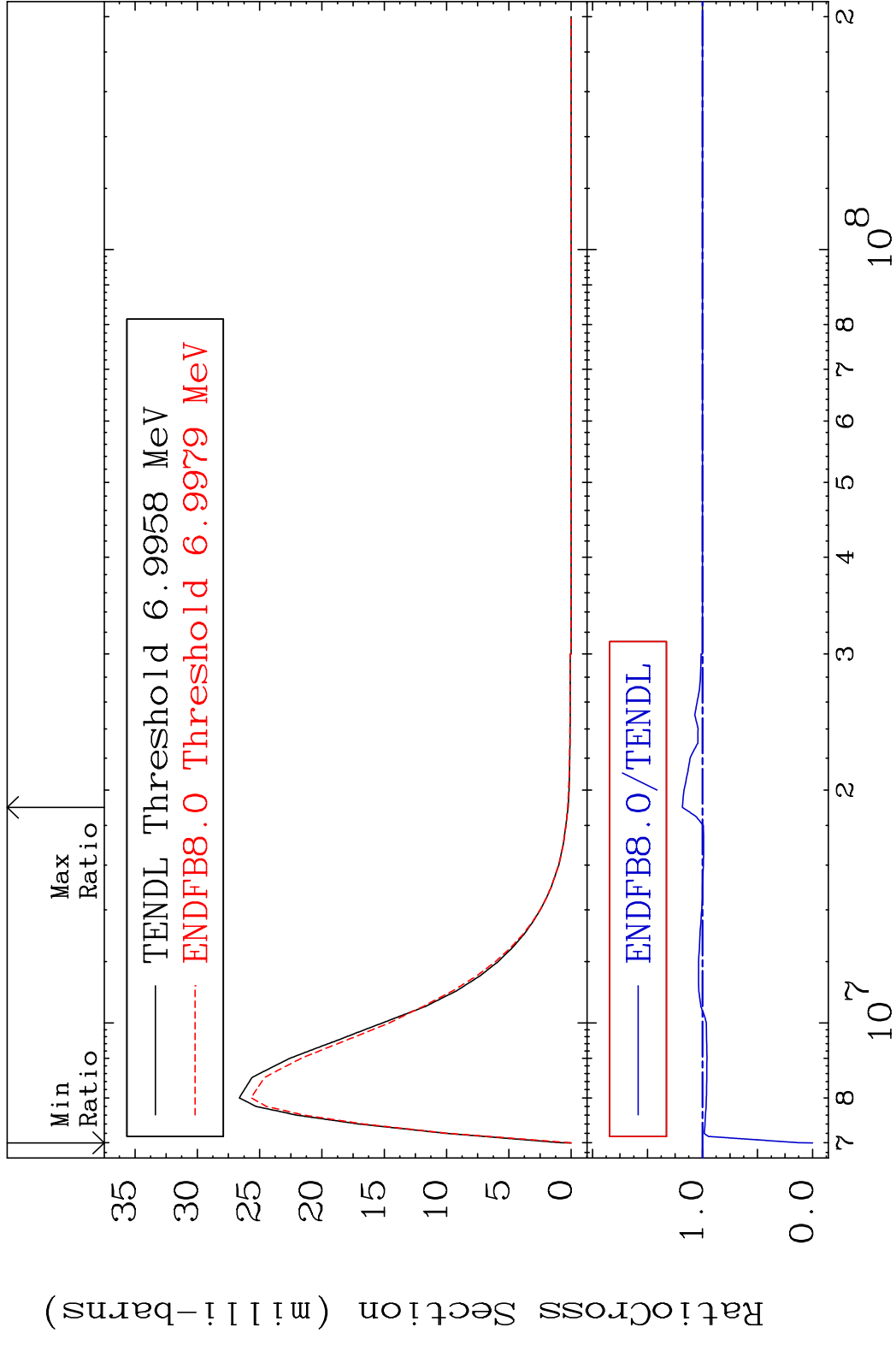
30 10-Ne-22

MAT 1031 MT= 64 (n,n') Level 10-Ne-22  
 Cross Section -91.13 To 72.37 %

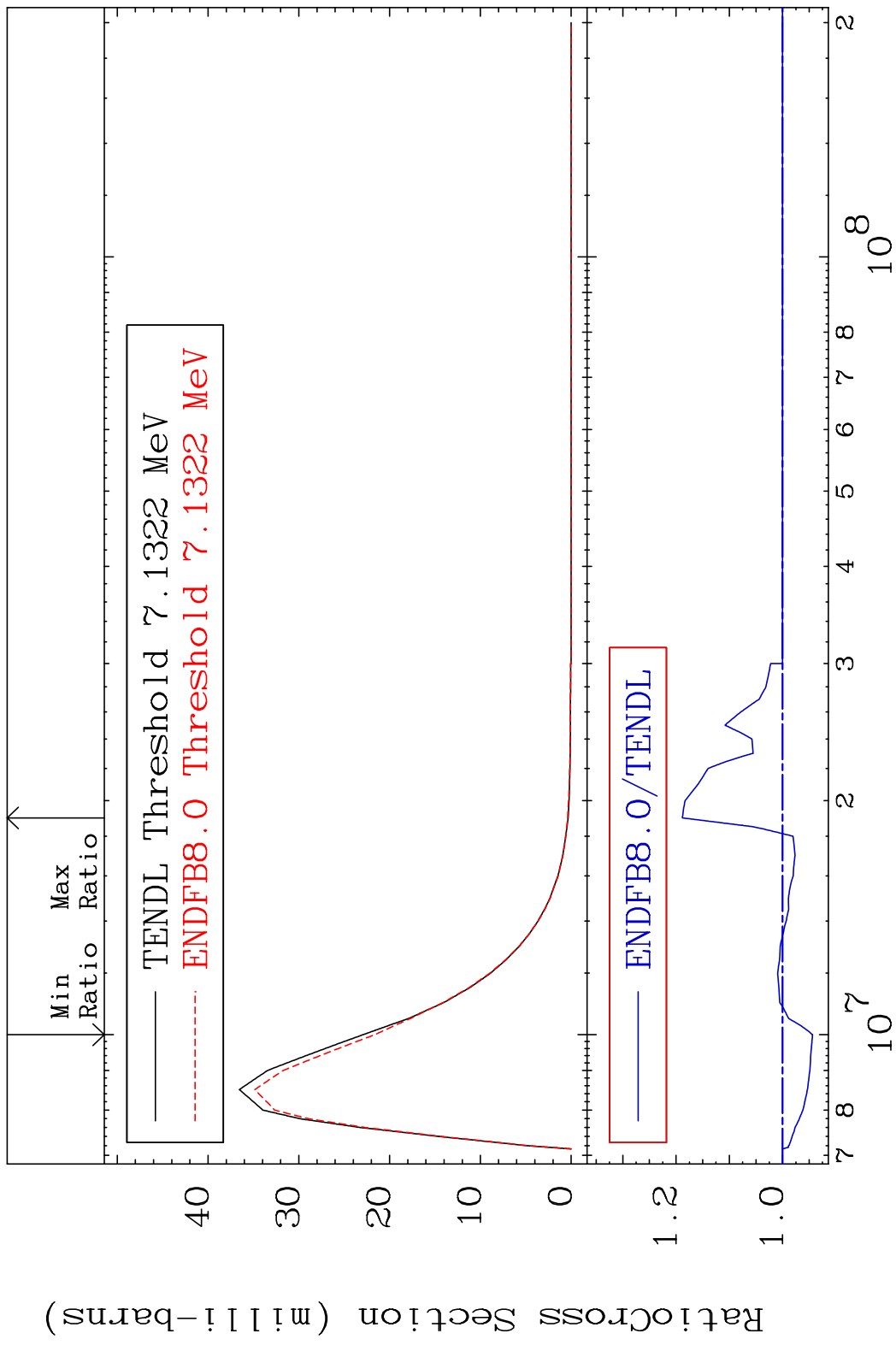




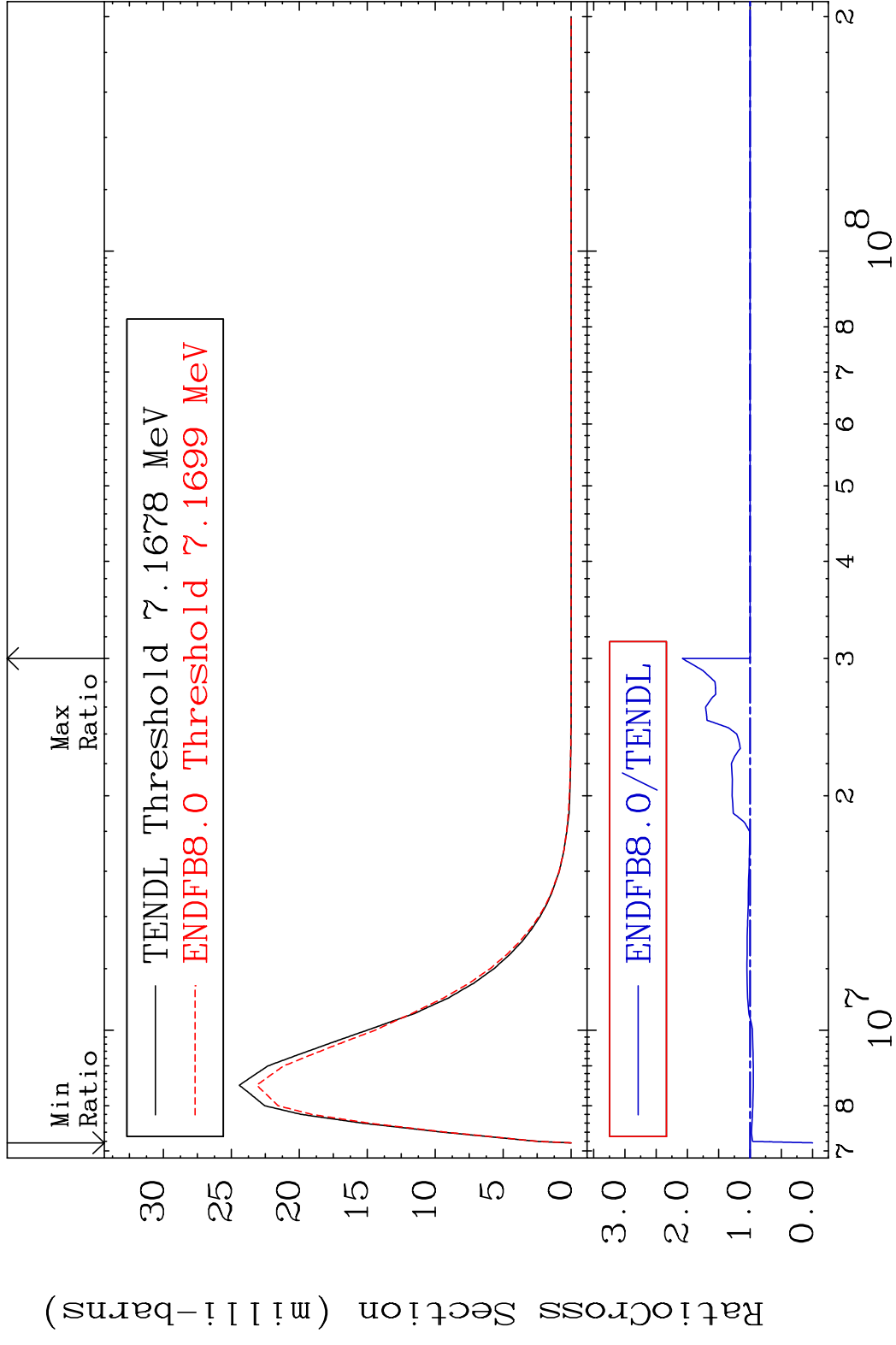
MAT 1031 MT= 65 (n,n') Level 10-Ne-22  
 Cross Section -100.0 To 18.30 %



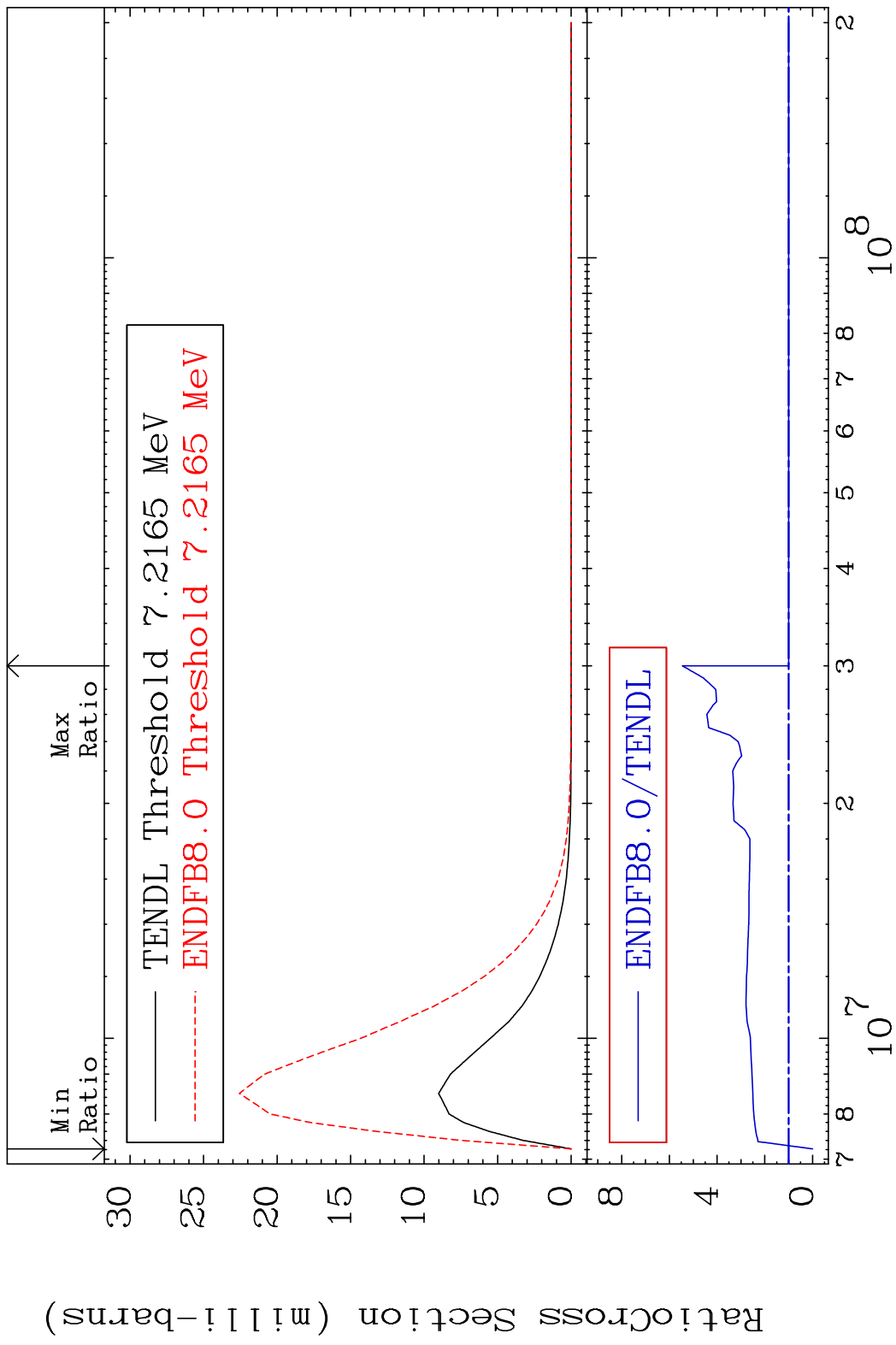
MAT 1031 MT= 66 (n,n') Level 10-Ne-22  
 Cross Section -5.630 To 18.81 %



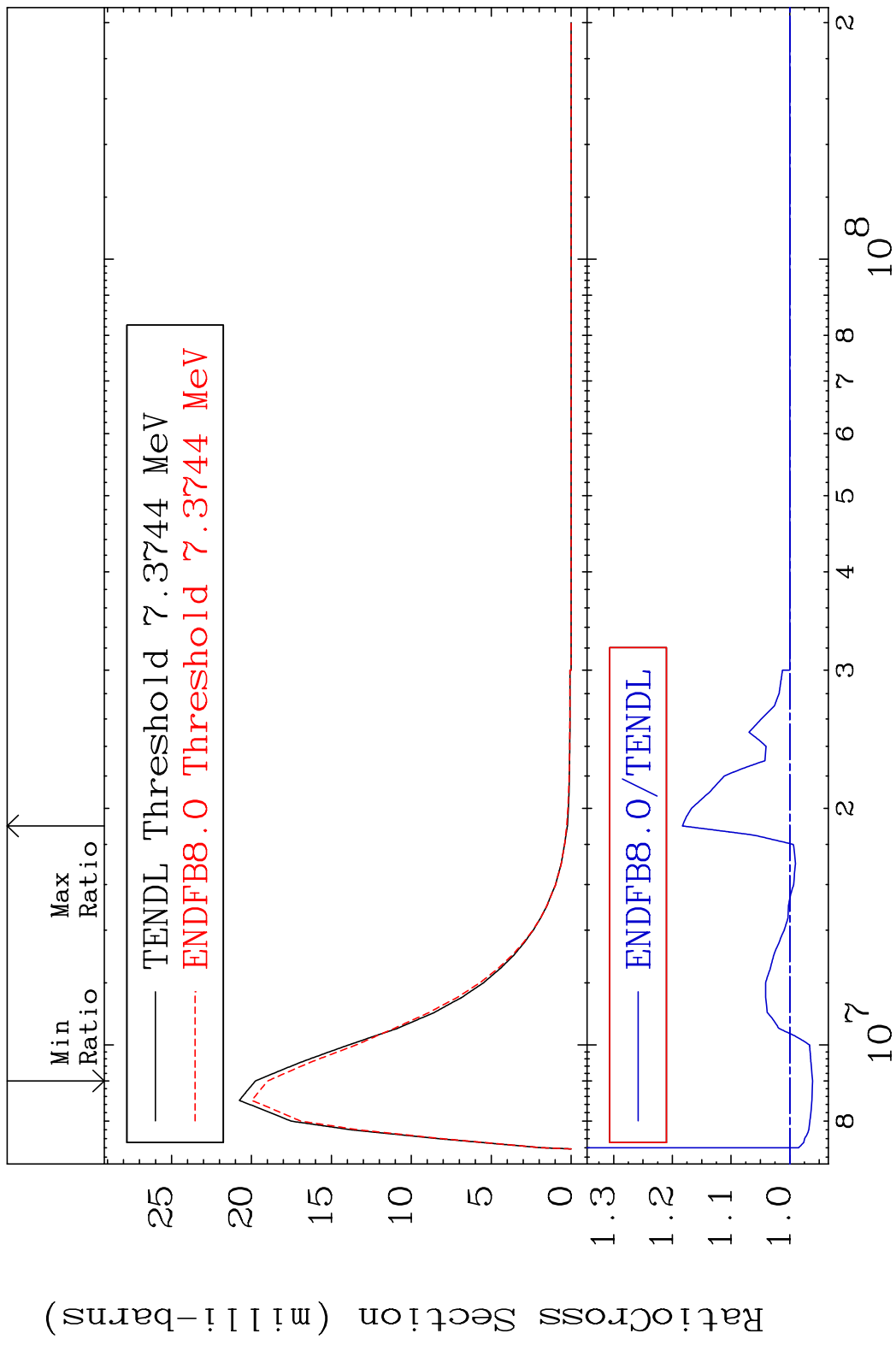
MAT 1031 MT= 67 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 108.2 %



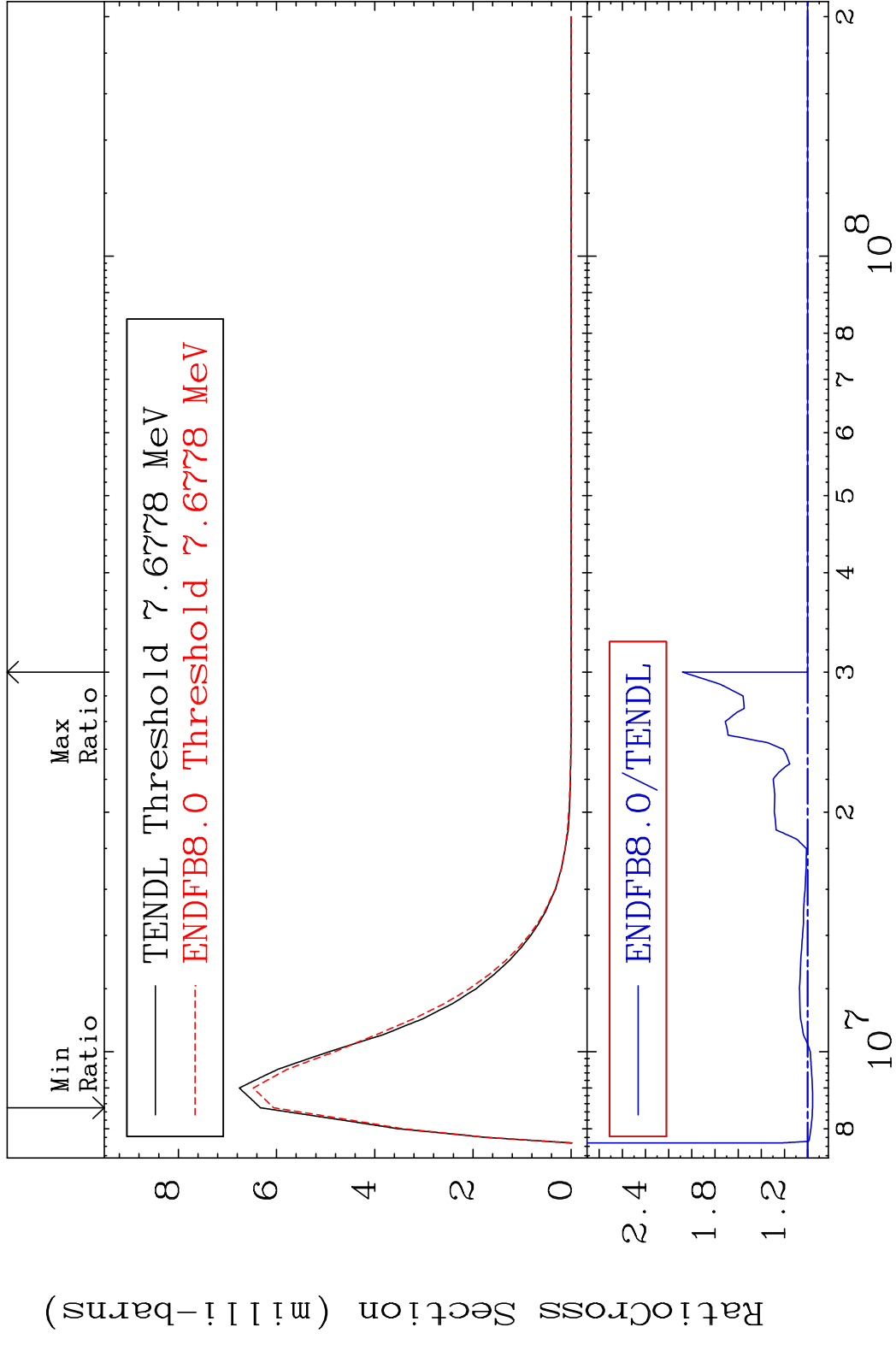
MAT 1031 MT= 68 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 445.5 %



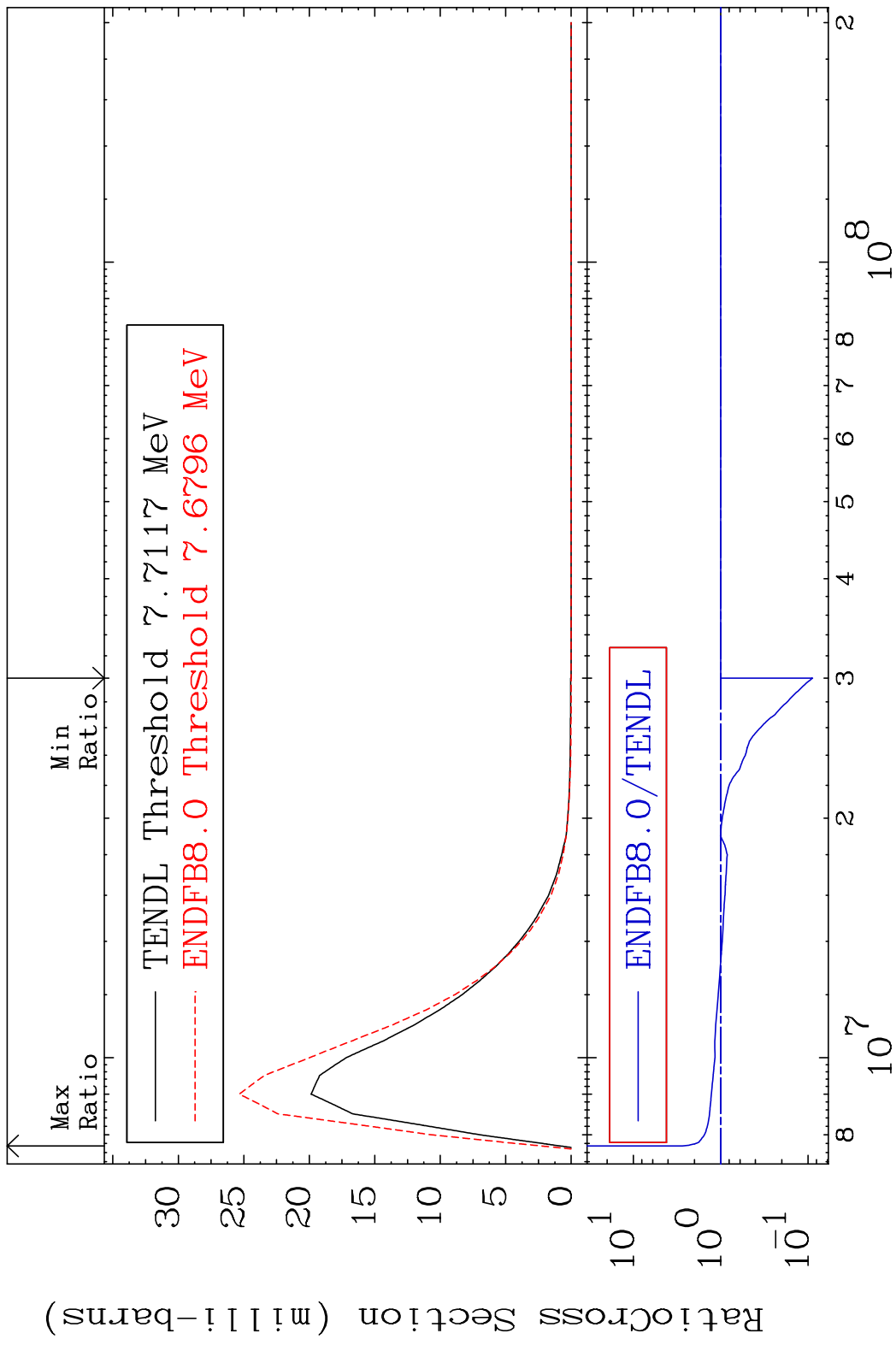
MAT 1031 MT= 69 (n,n') Level 10-Ne-22  
 Cross Section -3.884 To 18.29 %



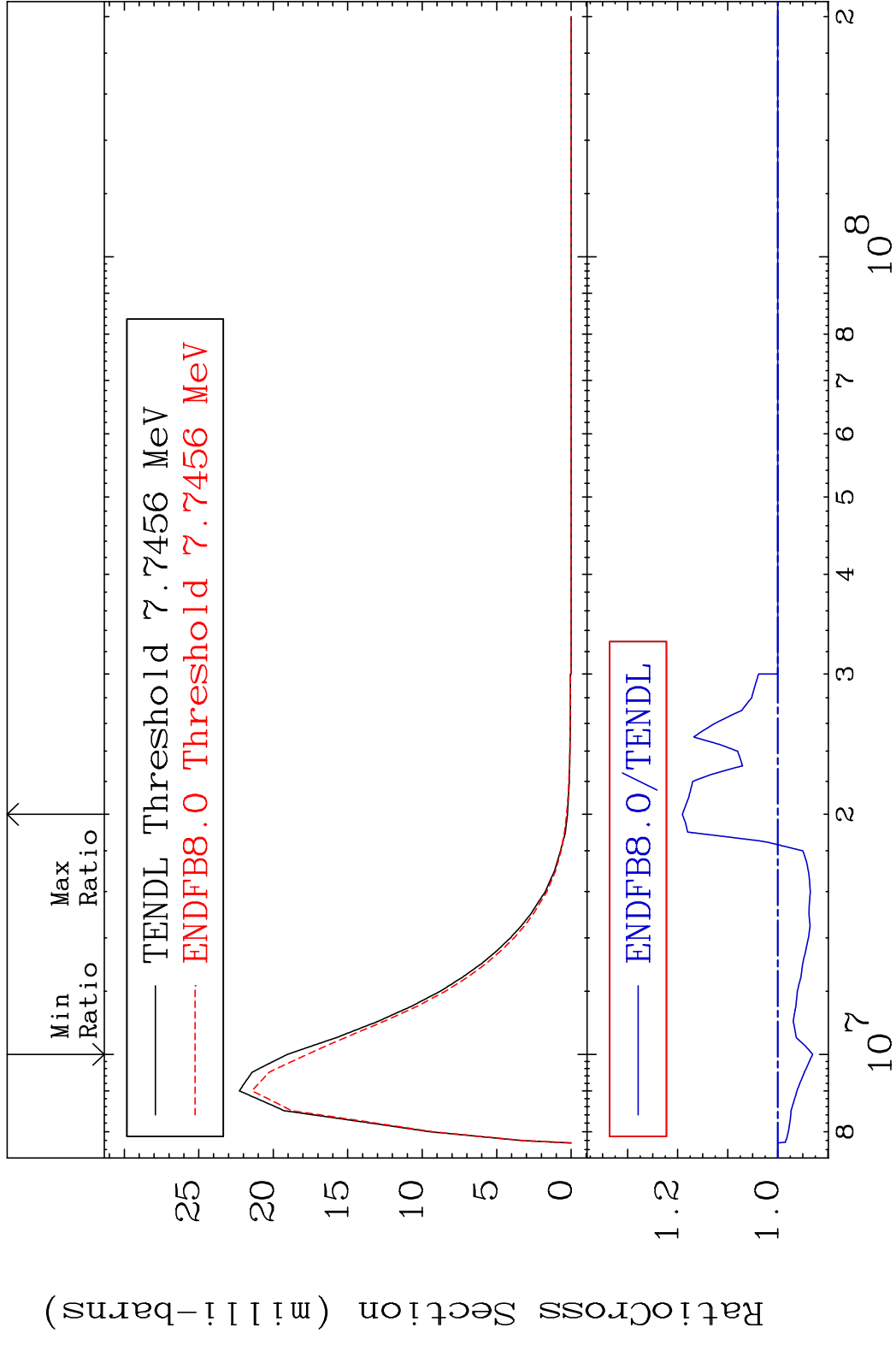
MAT 1031 MT= 70 (n,n') Level 10-Ne-22  
 Cross Section -4.251 To 108.2 %



MAT 1031 MT= 71 (n,n') Level 10-Ne-22  
 Cross Section -91.13 To 174.5 %

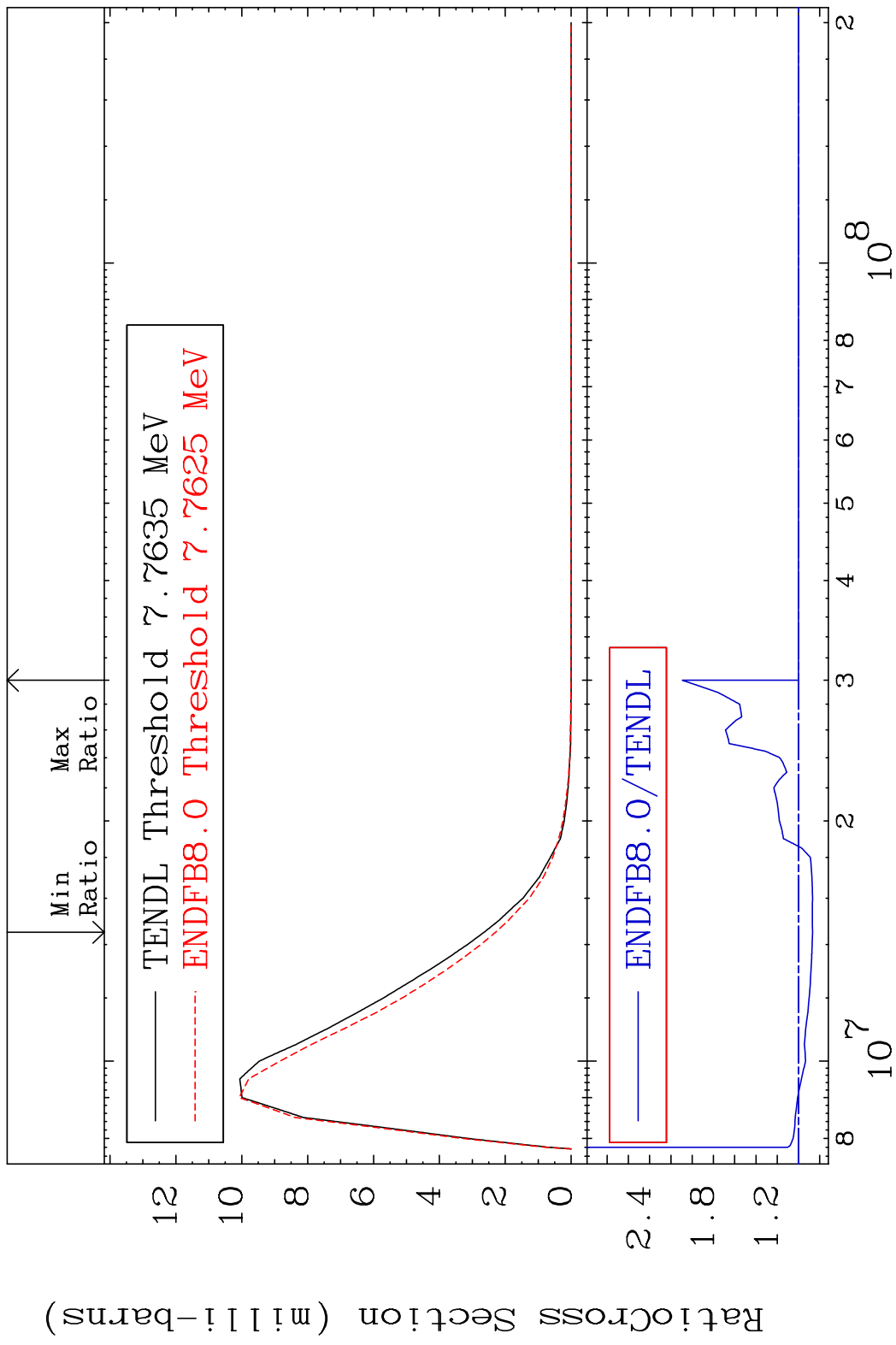


MAT 1031 MT= 72 (n, n') Level 10-Ne-22  
 Cross Section -6.958 To 19.07 %



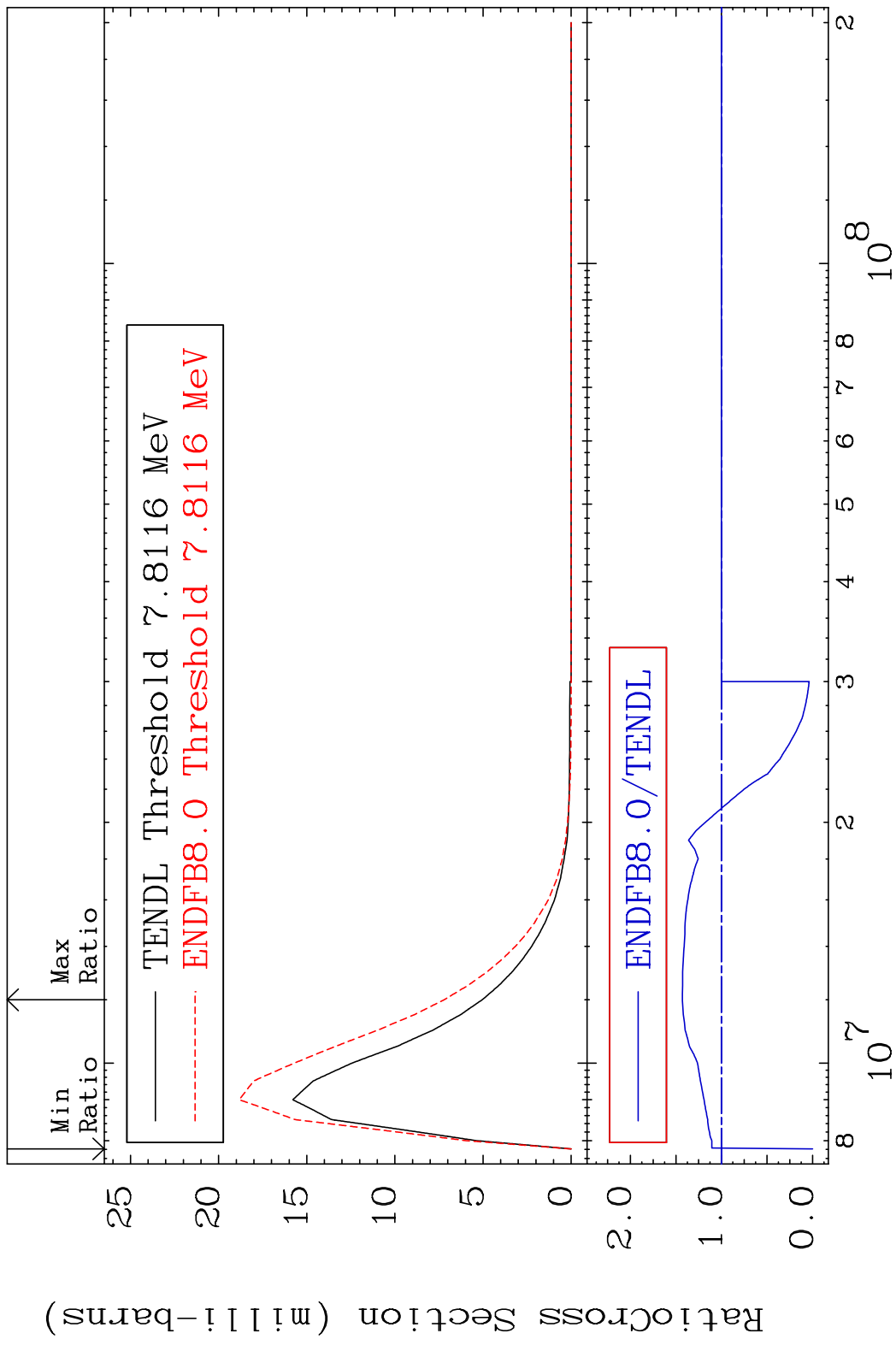


MAT 1031 MT= 73 (n, n') Level 10-Ne-22  
 Cross Section -13.24 To 109.2 %

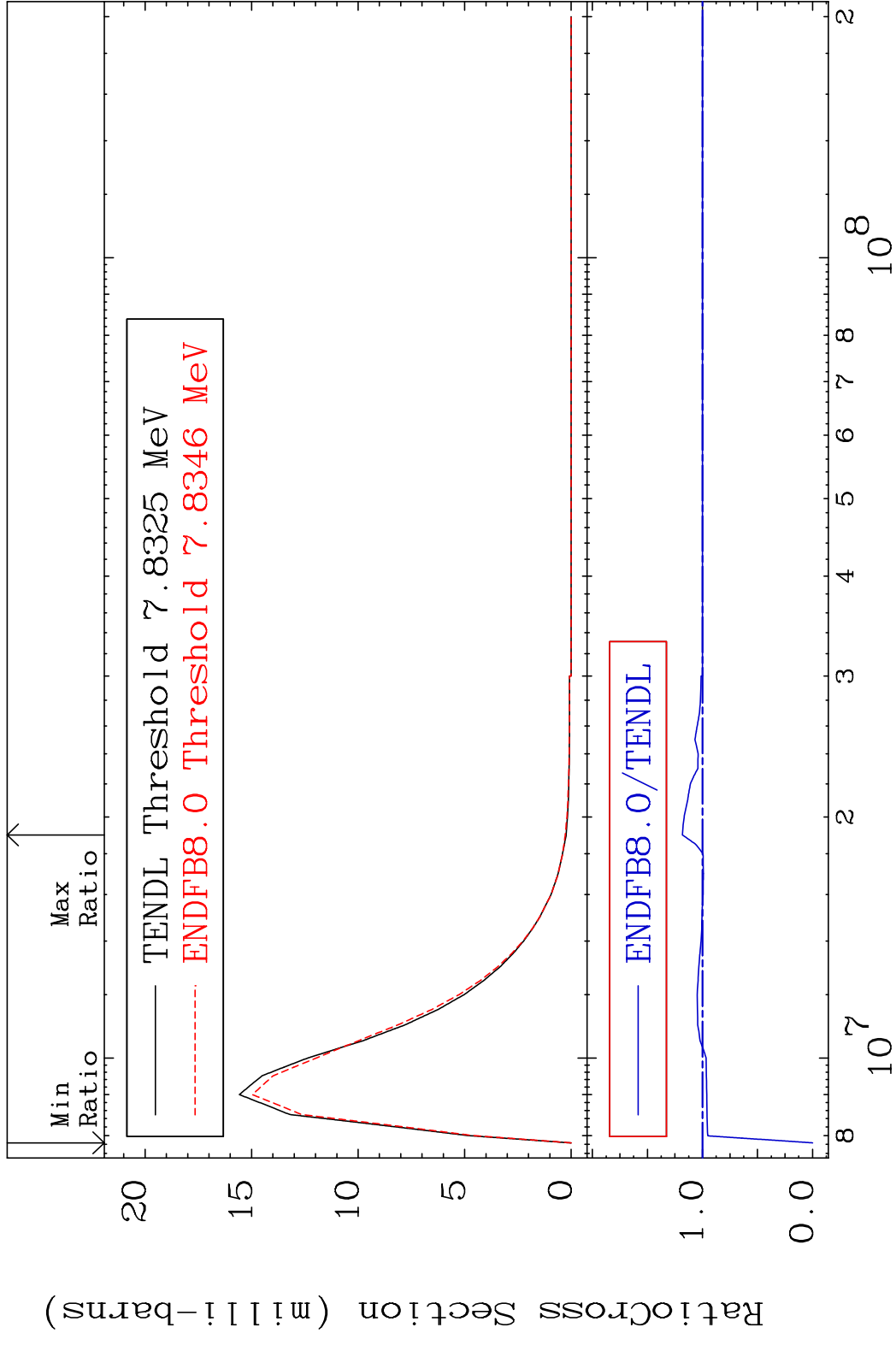


40 Incident Energy (eV) 10-Ne-22

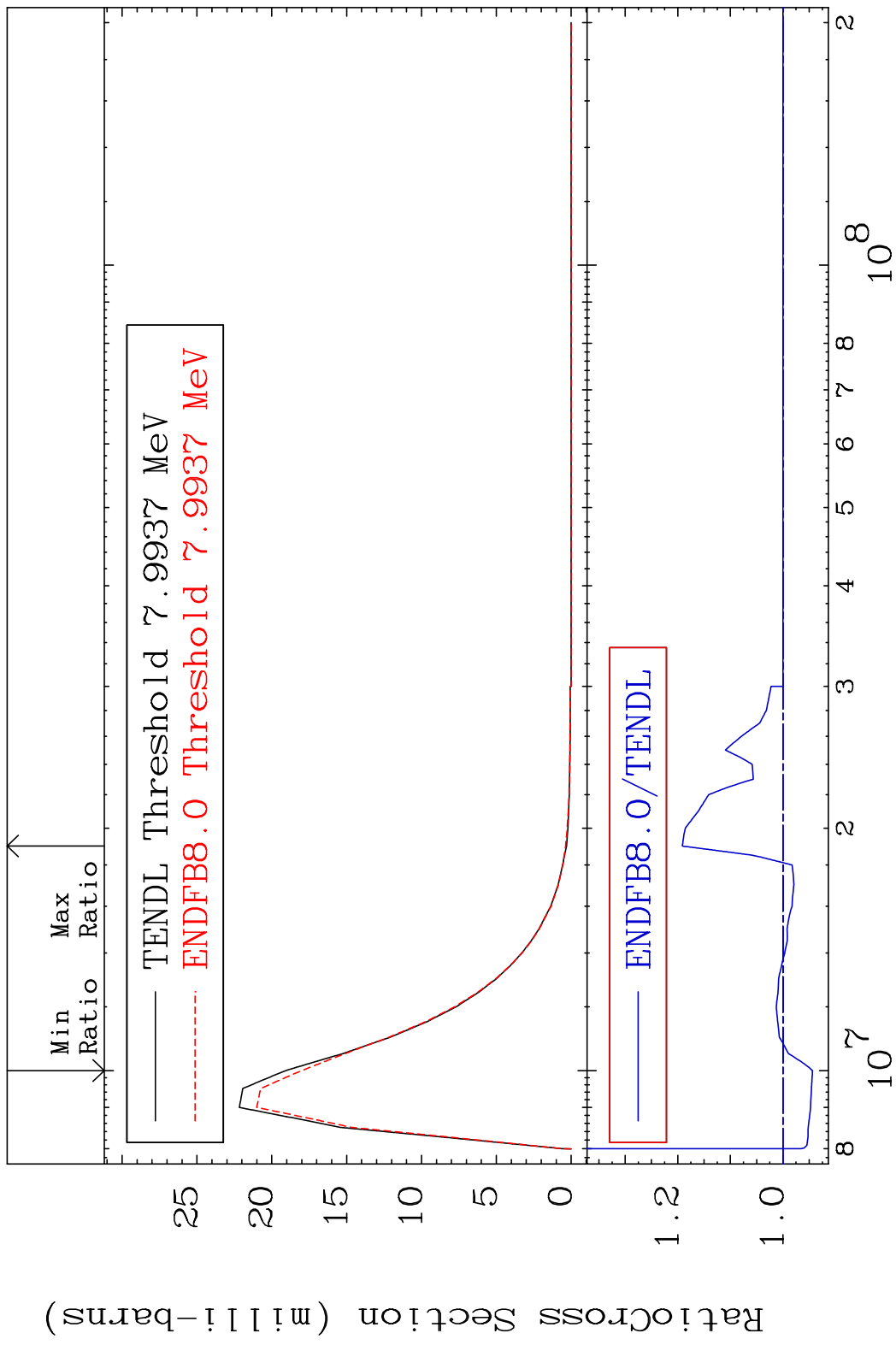
MAT 1031 MT= 74 (n,n') Level 10-Ne-22  
 Cross Section -100.0 To 42.94 %



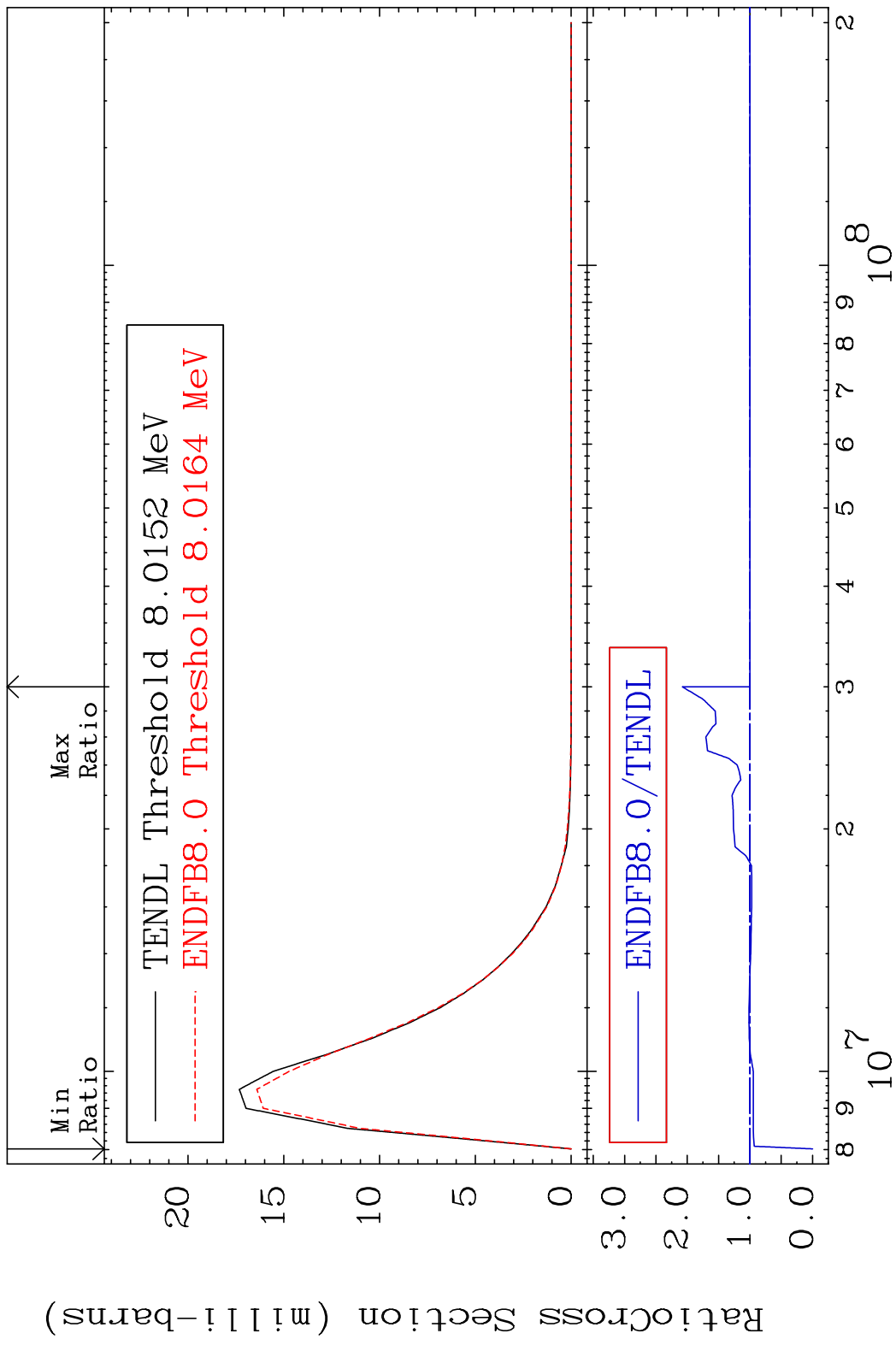
MAT 1031 MT= 75 (n,n') Level 10-Ne-22  
 Cross Section -100.0 To 18.26 %



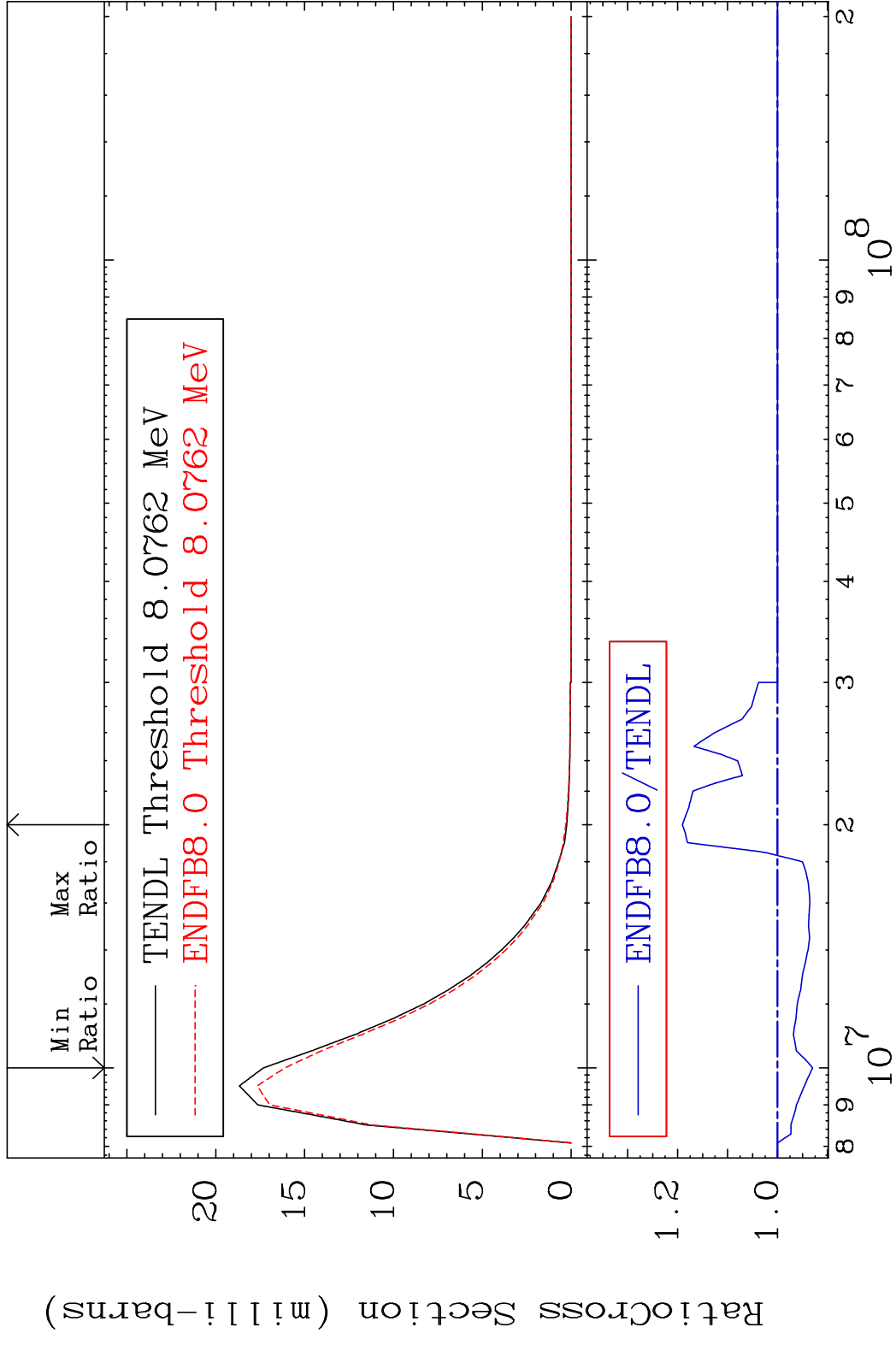
MAT 1031 MT= 76 (n,n') Level 10-Ne-22  
 Cross Section -5.637 To 19.13 %



MAT 1031 MT= 77 (n, n') Level 10-Ne-22  
 Cross Section -100.0 To 107.8 %

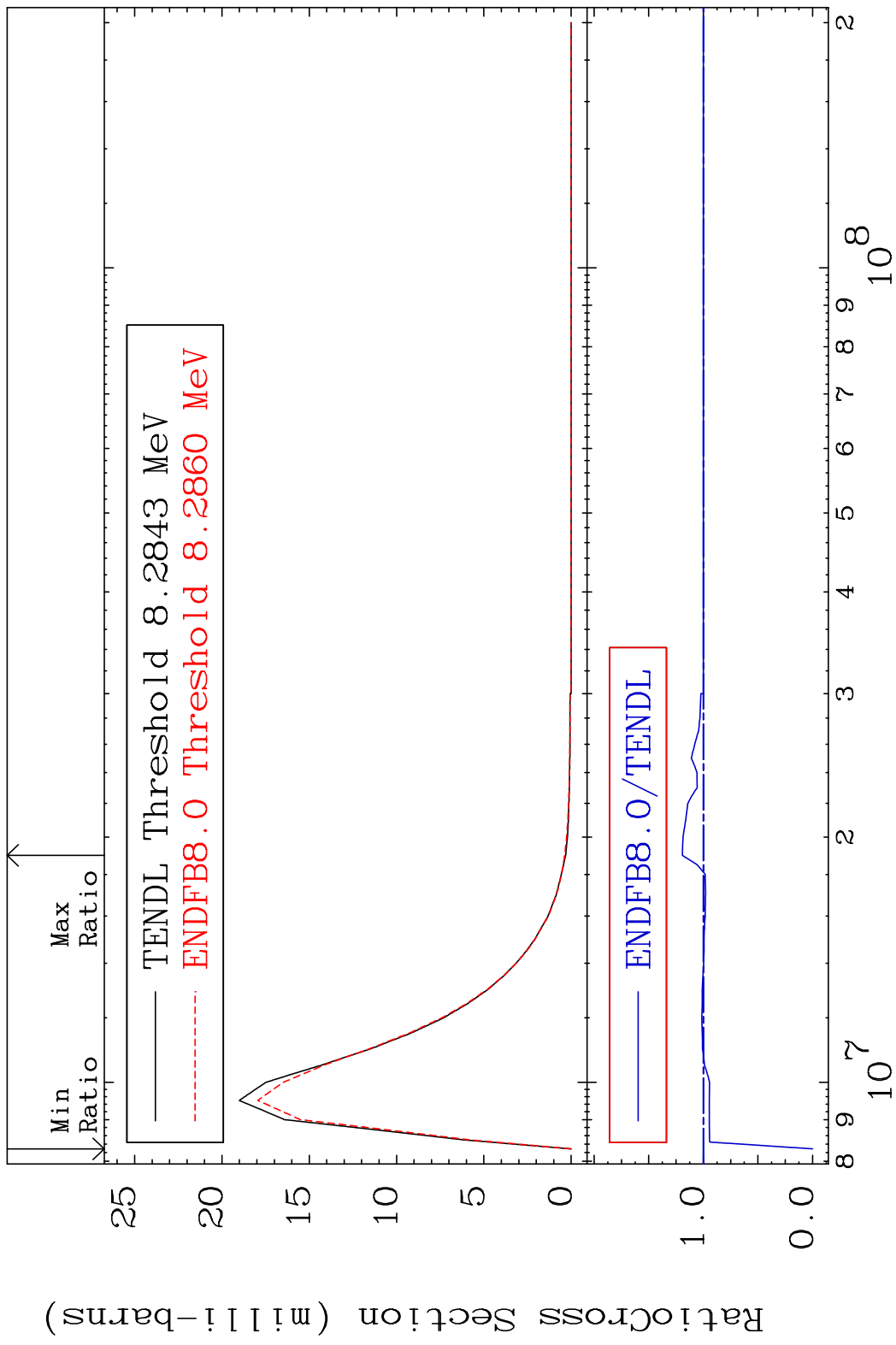


MAT 1031 MT= 78 (n,n') Level 10-Ne-22  
 Cross Section -7.008 To 19.06 %

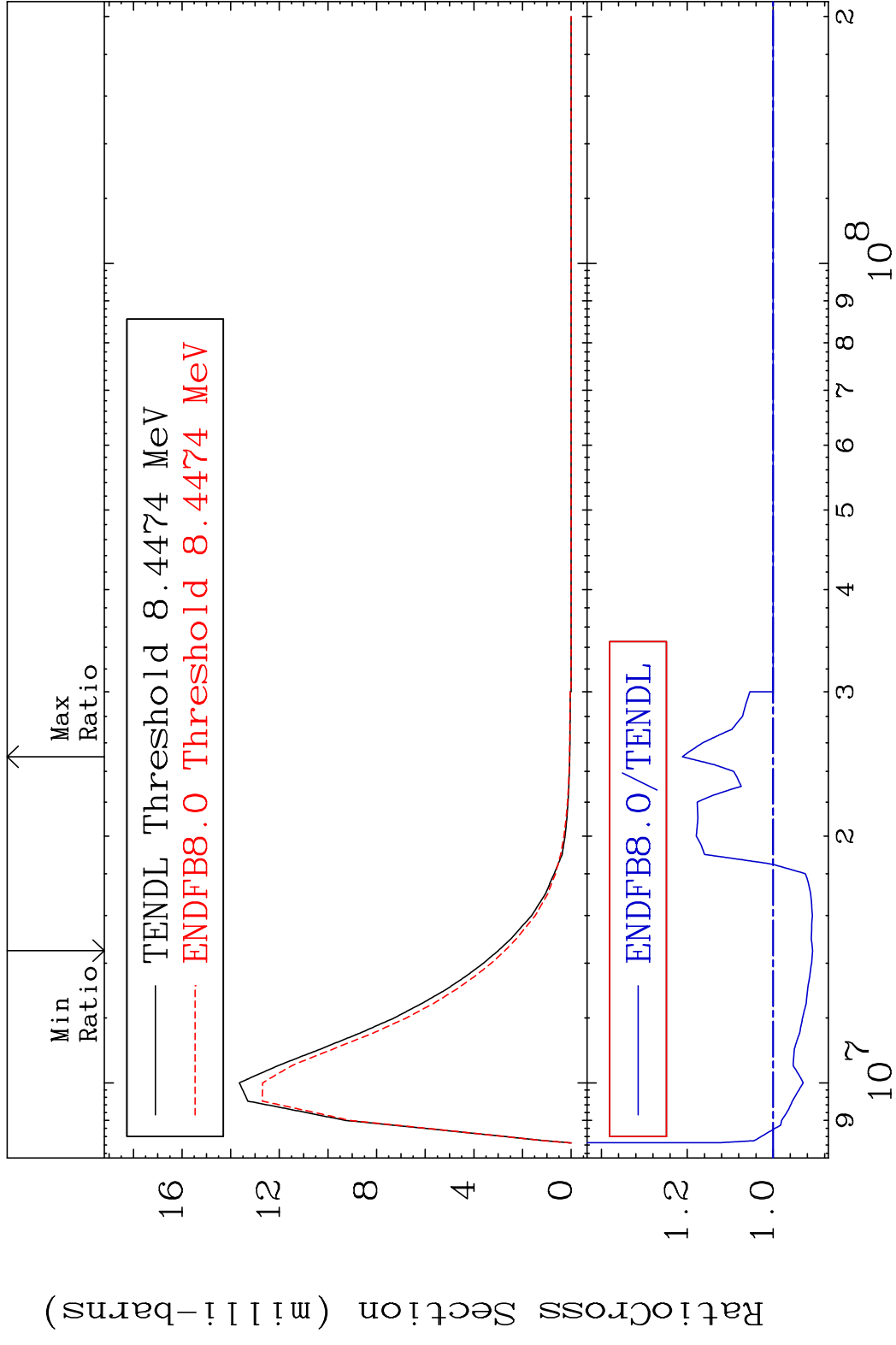


45 Incident Energy (eV) 10-Ne-22

MAT 1031 MT= 79 (n,n') Level 10-Ne-22  
 Cross Section -100.0 To 19.22 %

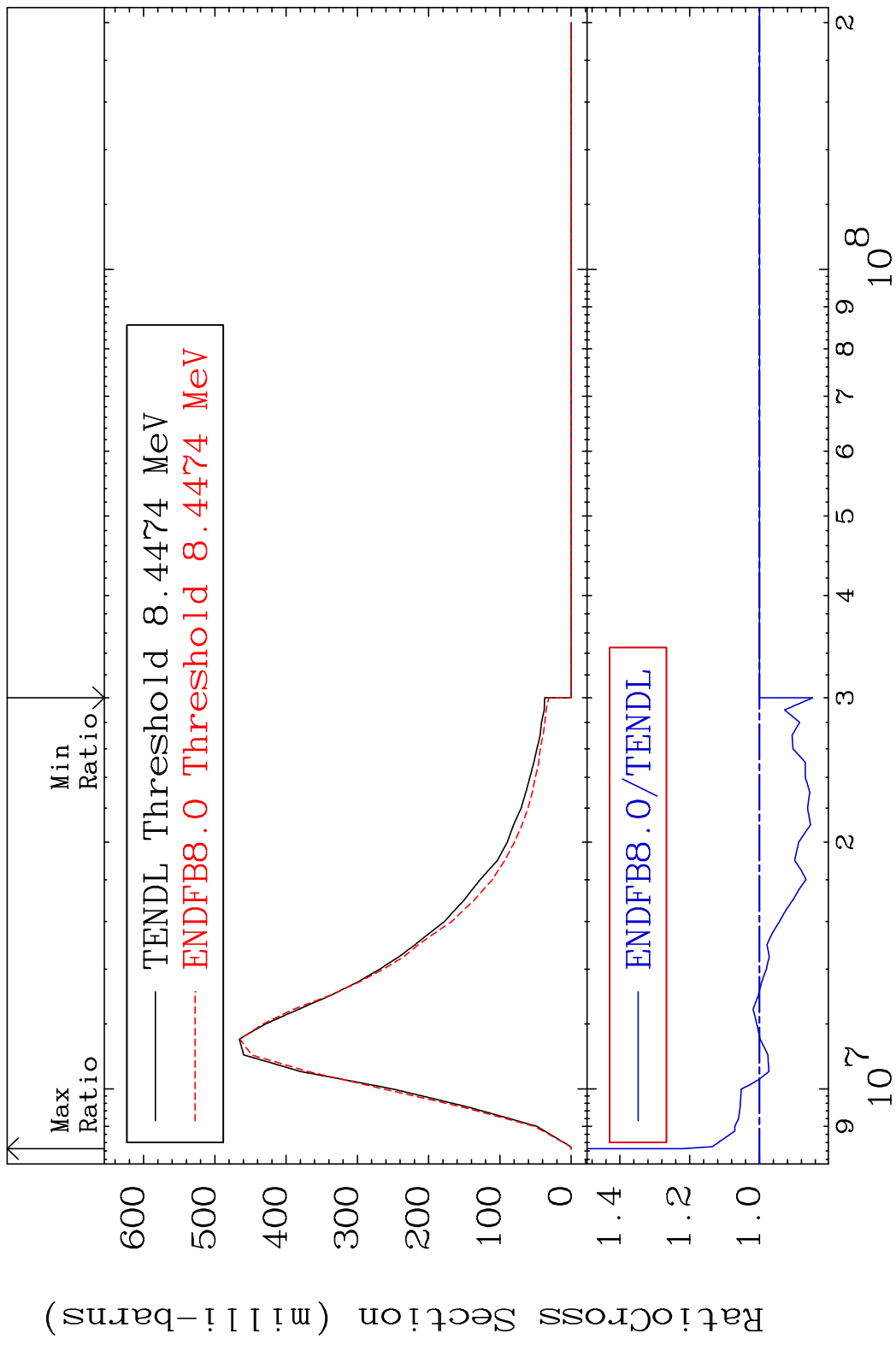


MAT 1031 MT= 80 (n, n') Level 10-Ne-22  
 Cross Section -9.193 To 21.15 %





MAT 1031 (n,n') Continuum 10-Ne-22  
 Cross Section -15.19 To 22.11 %



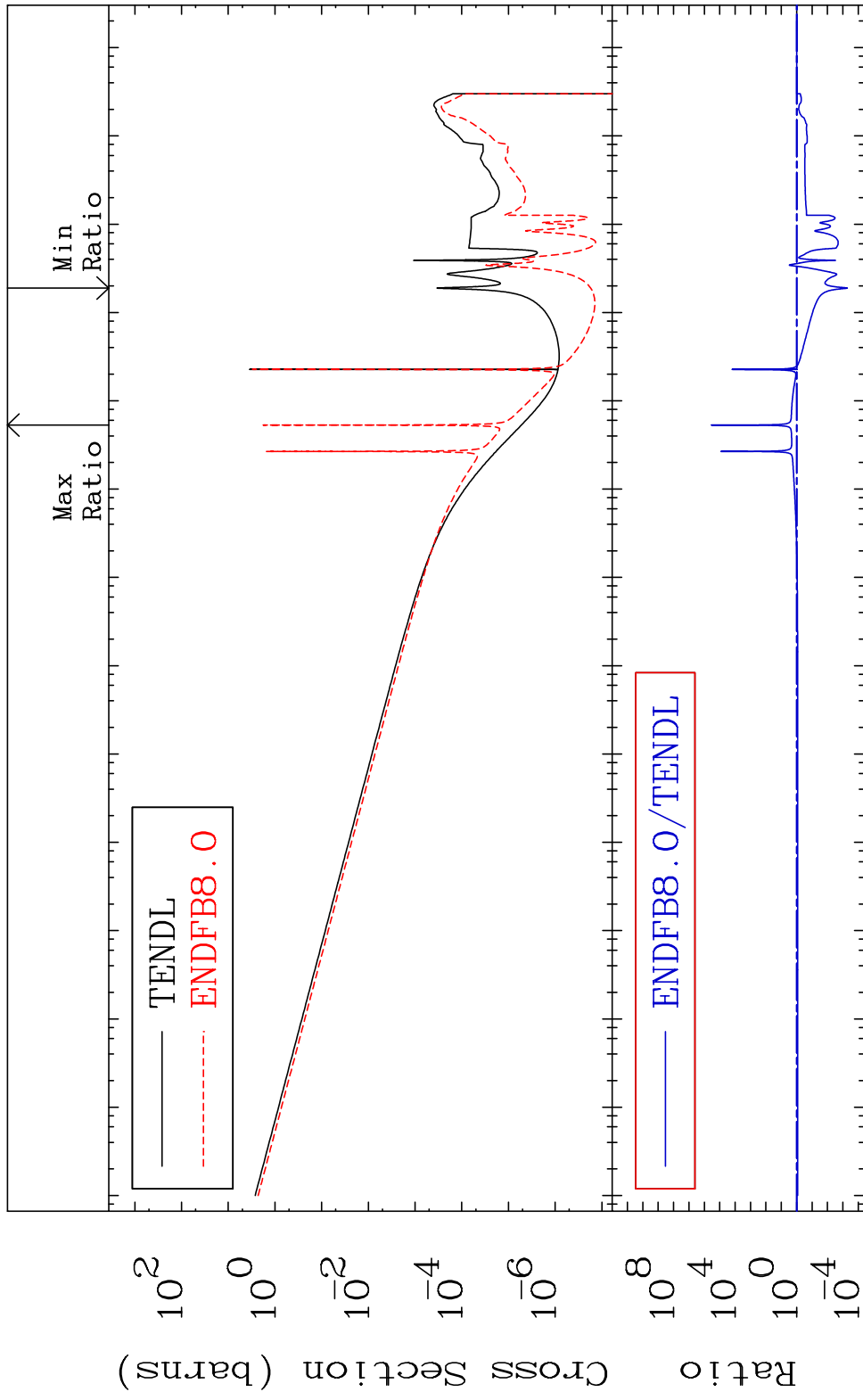
48 Incident Energy (eV) 10-Ne-22

MAT 1031

(n,  $\gamma$ )

10-Ne-22

Cross Section -99.95 To 9999. %

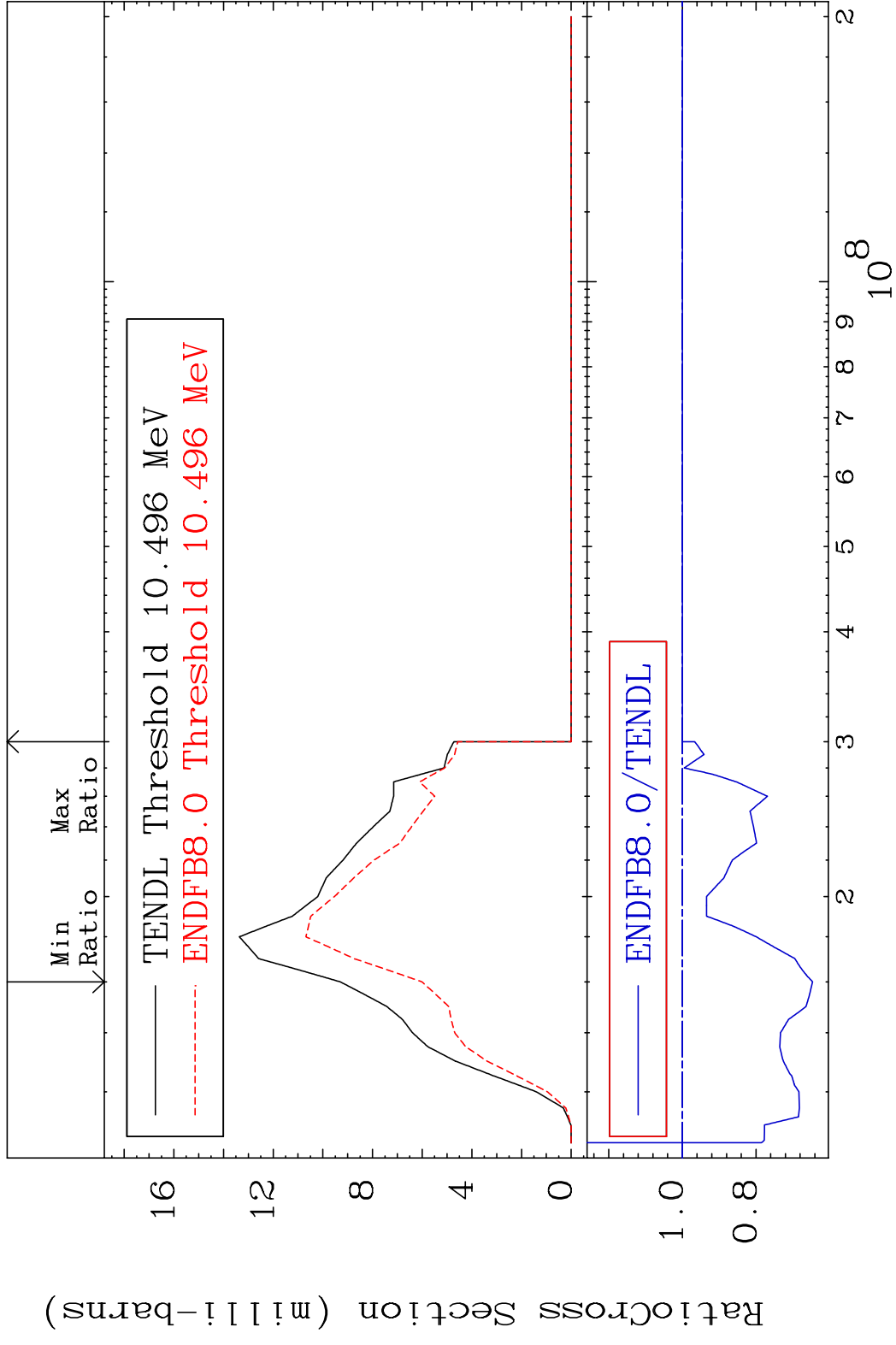


49

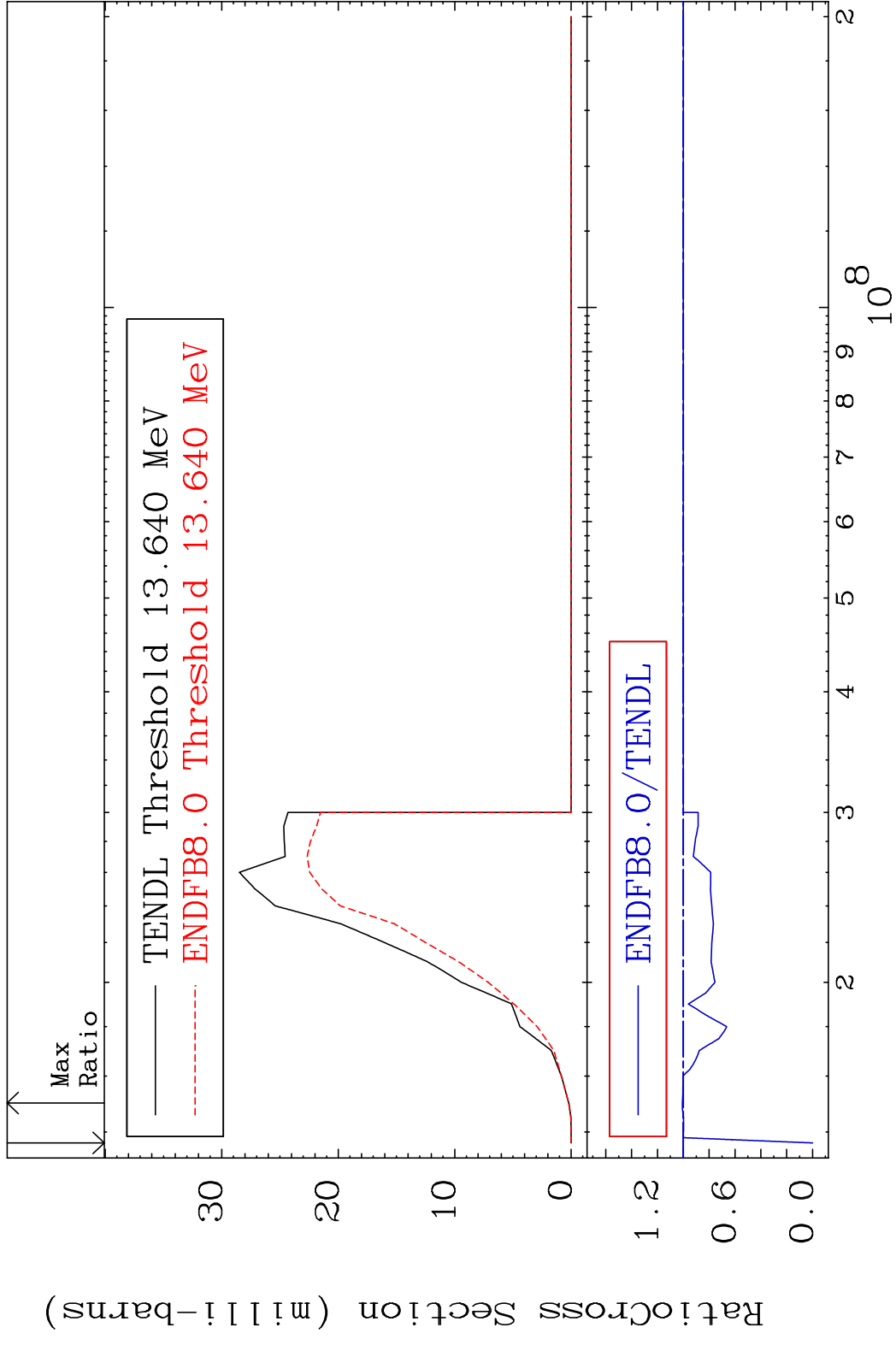
Incident Energy (eV)

10-Ne-22

MAT 1031 (n,p) 10-Ne-22  
 Cross Section -35.36 To 0.000 %



MAT 1031 (n,d) 10-Ne-22  
 Cross Section -100.0 To 0.722 %

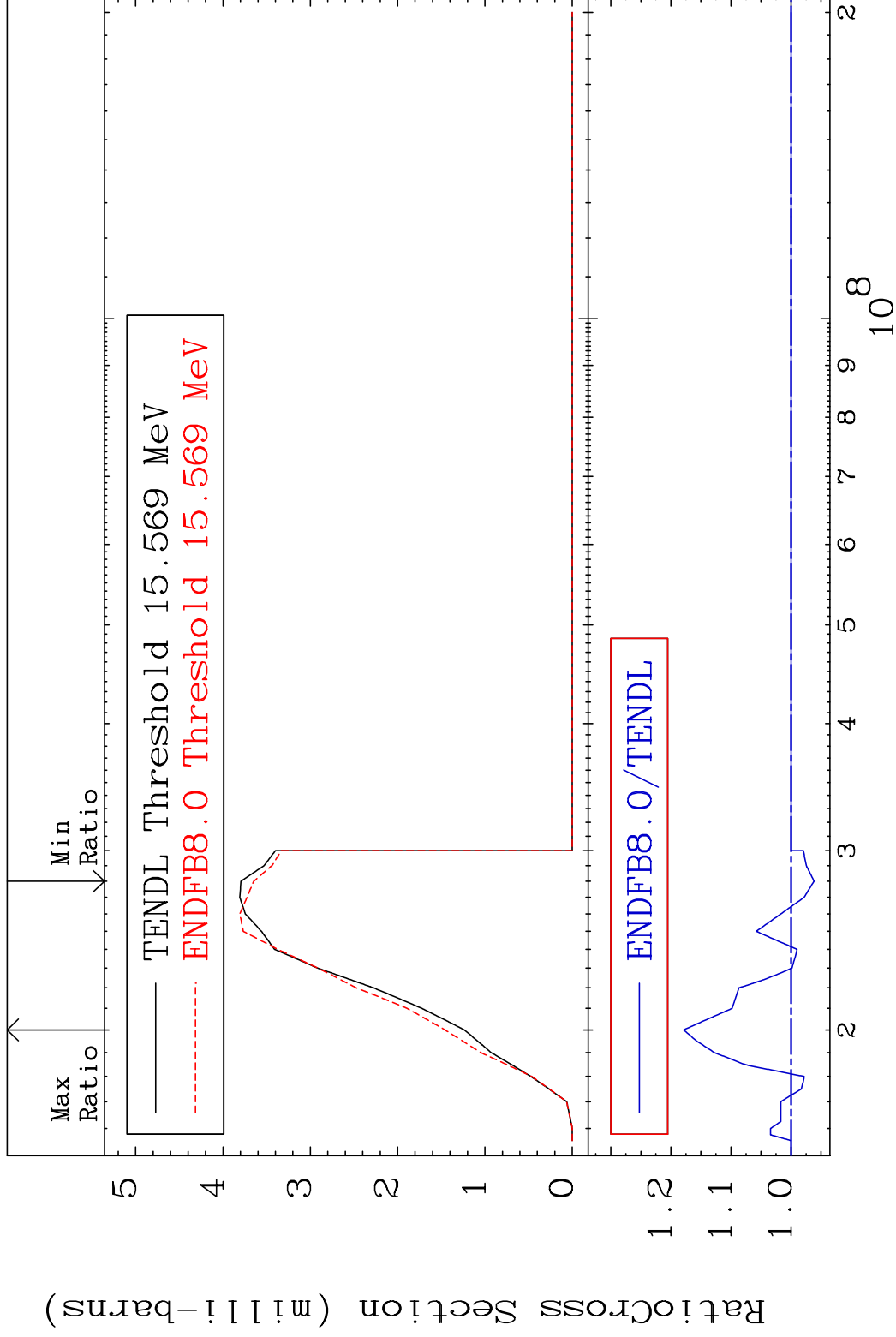


MAT 1031

(n, t)

10-Ne-22

Cross Section -3.835 To 17.88 %



52

Incident Energy (eV)

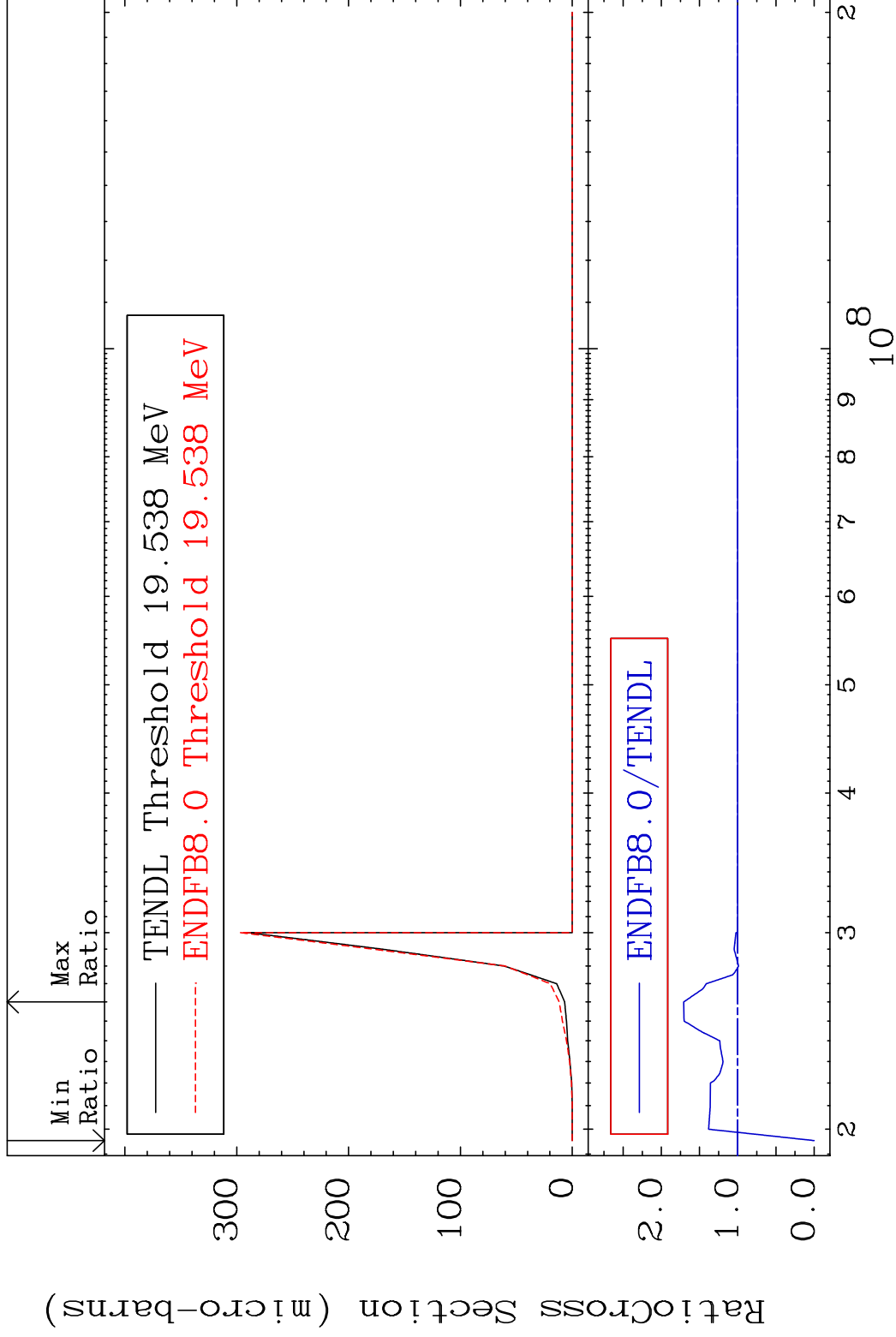
10-Ne-22

MAT 1031

(n, He-3)

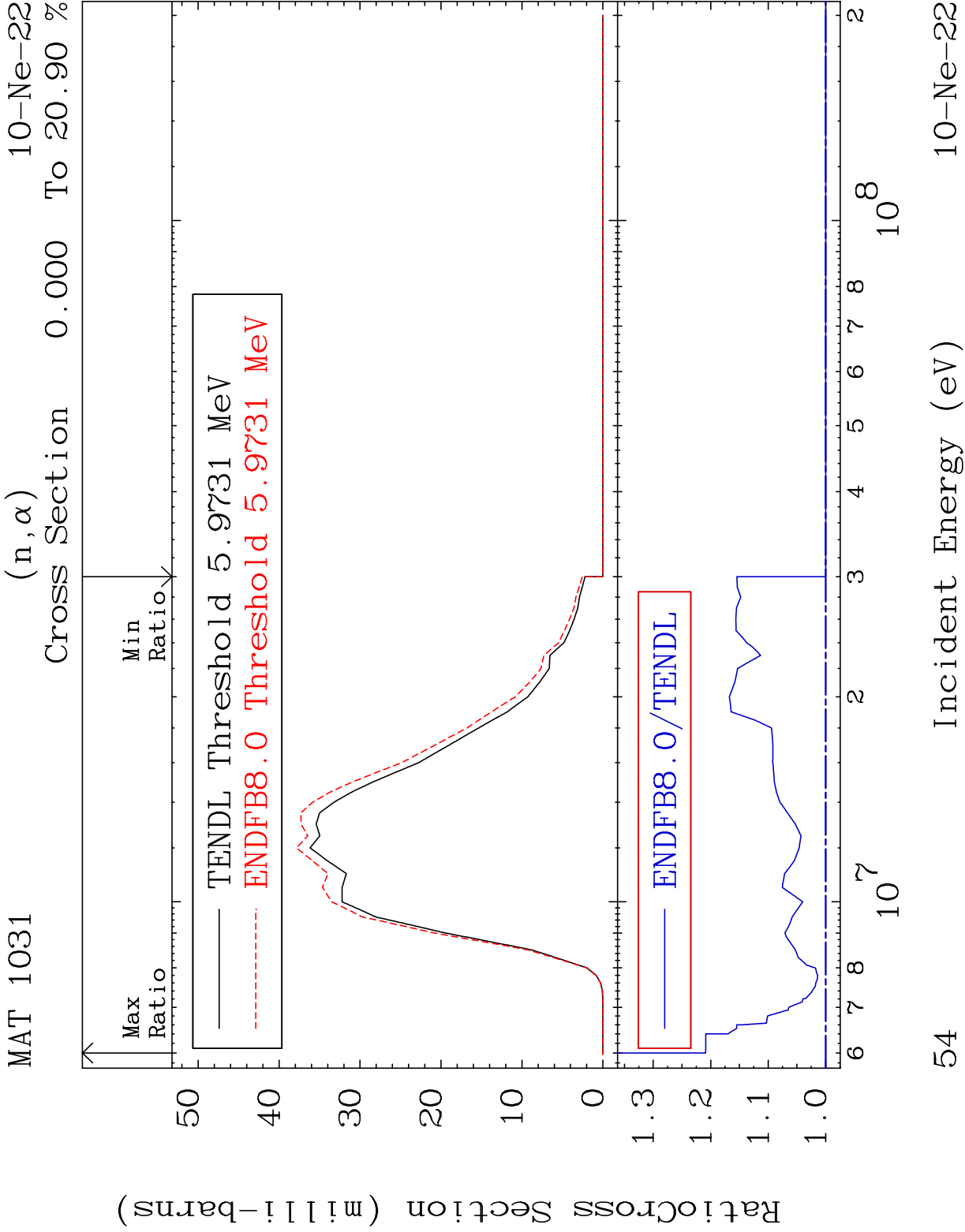
10-Ne-22

Cross Section -100.0 To 70.76 %

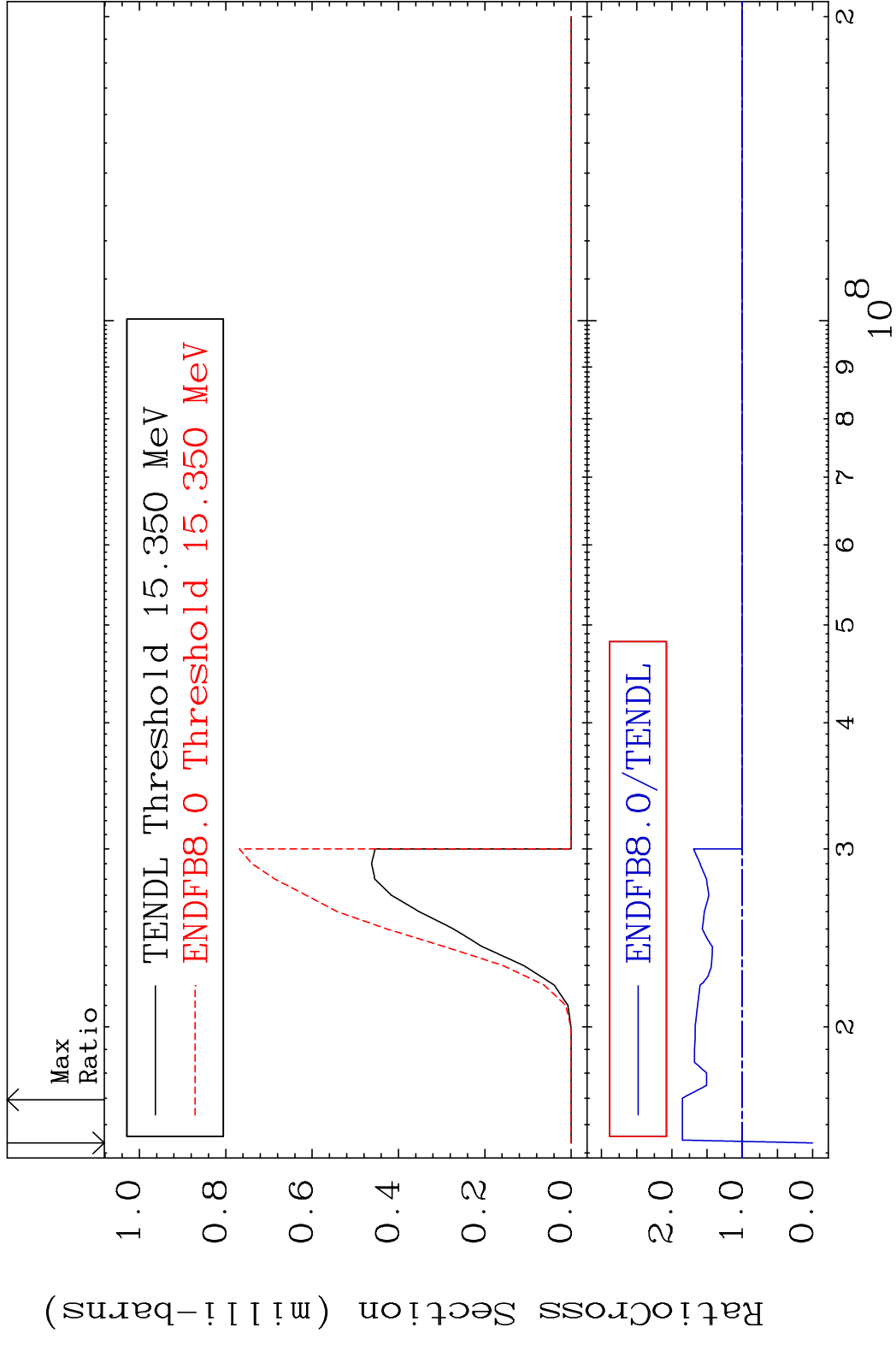


53

Incident Energy (eV) 10-Ne-22

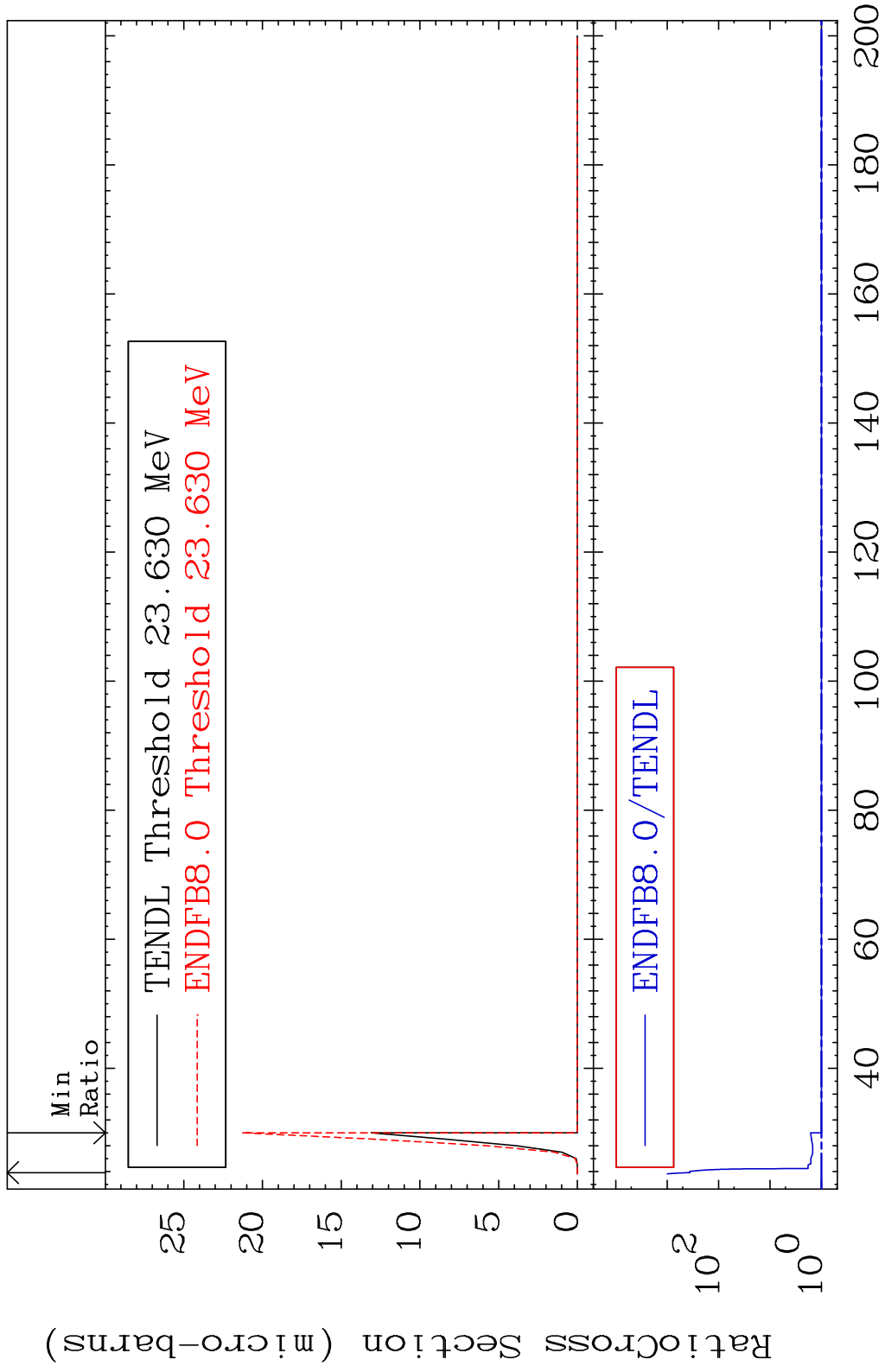


MAT 1031 (n,2α) 10-Ne-22  
 Cross Section -100.0 To 85.10 %

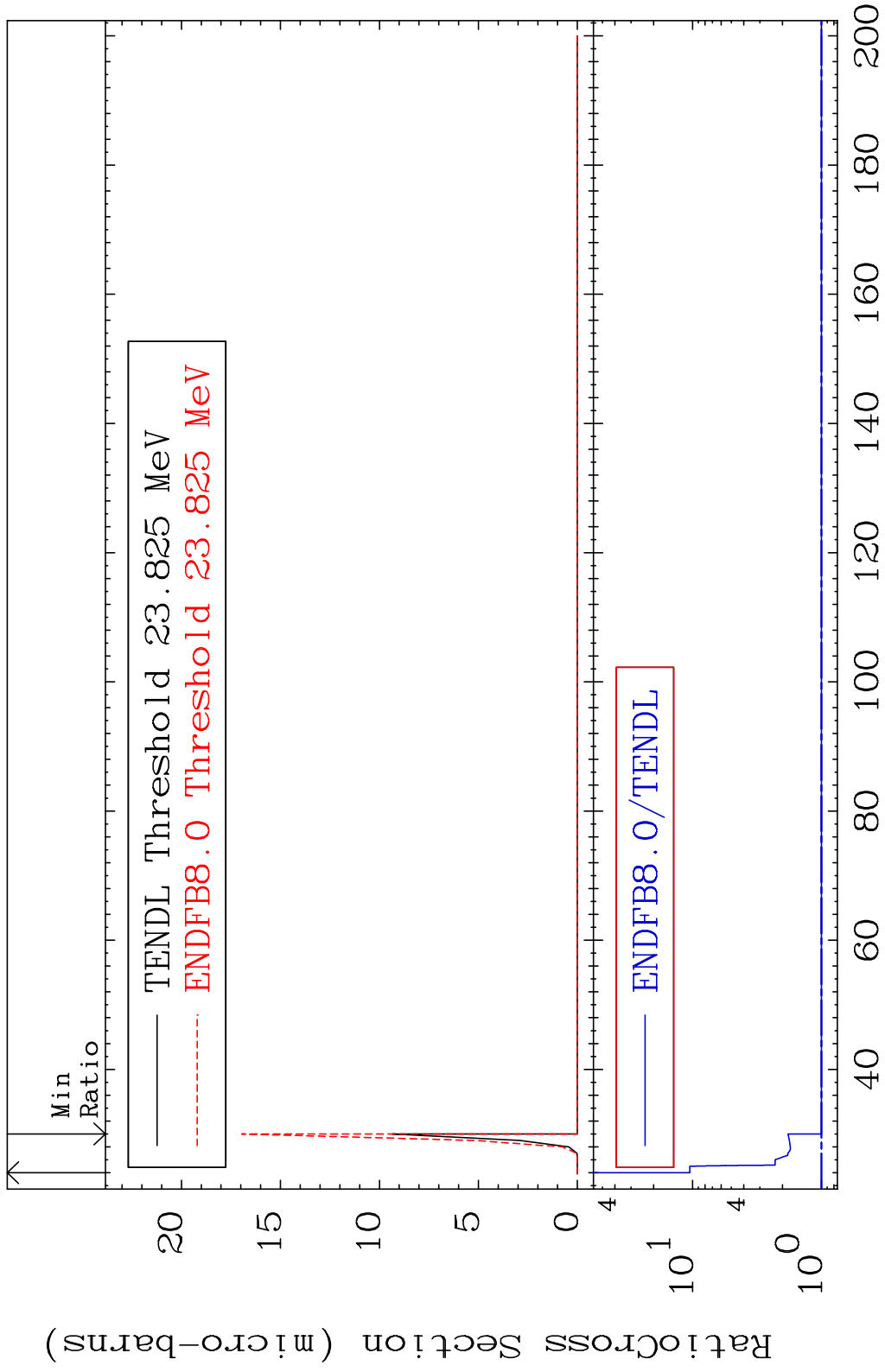




MAT 1031 (n,2p) 10-Ne-22  
 Cross Section 0.000 To 9999. %



MAT 1031 (n,p)  $\alpha$  10-Ne-22  
 Cross Section 0.000 To 950.2 %

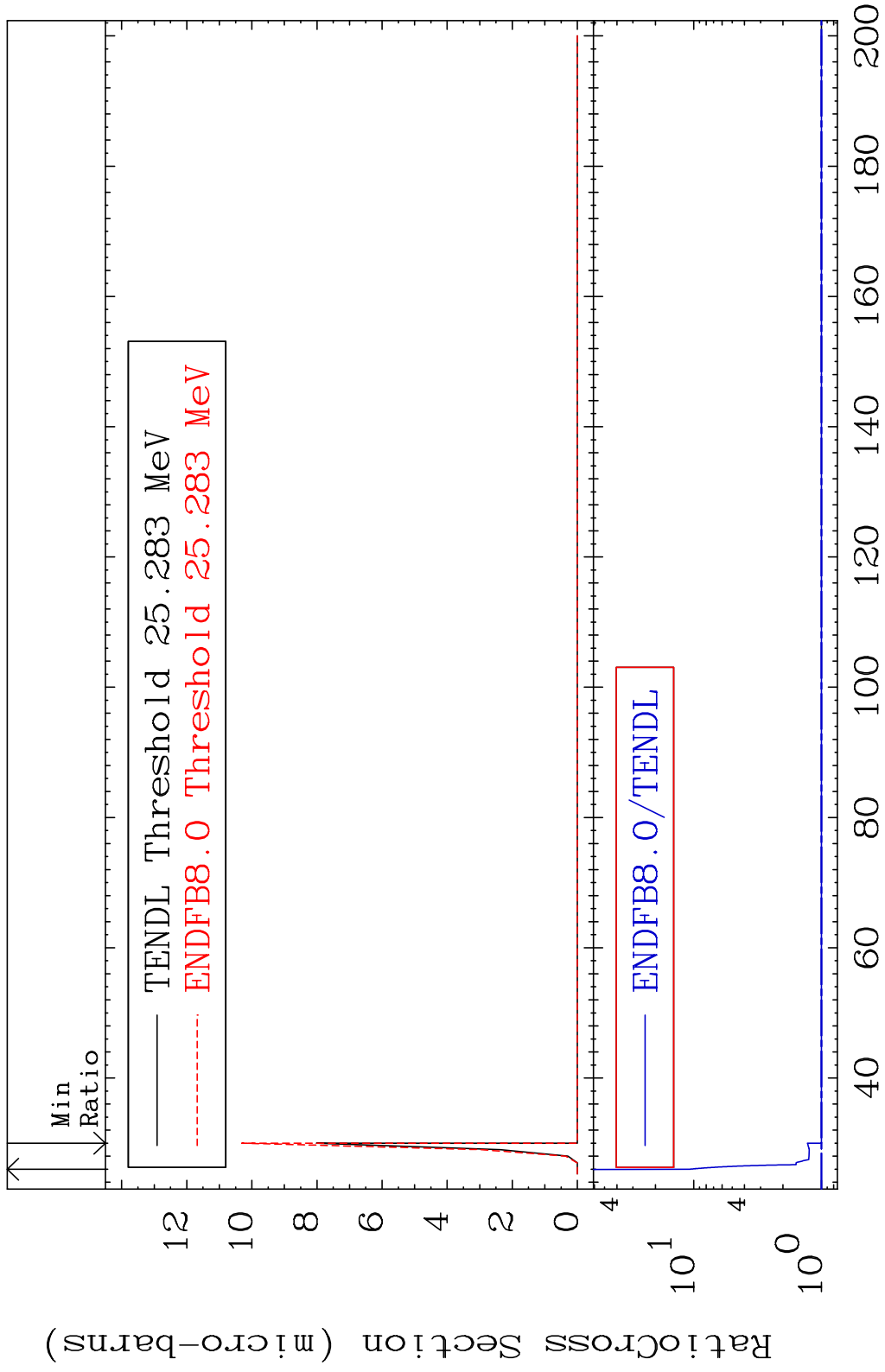


MAT 1031

(n,p) d

10-Ne-22

Cross Section 0.000 To 974.7 %



58

Incident Energy (MeV)

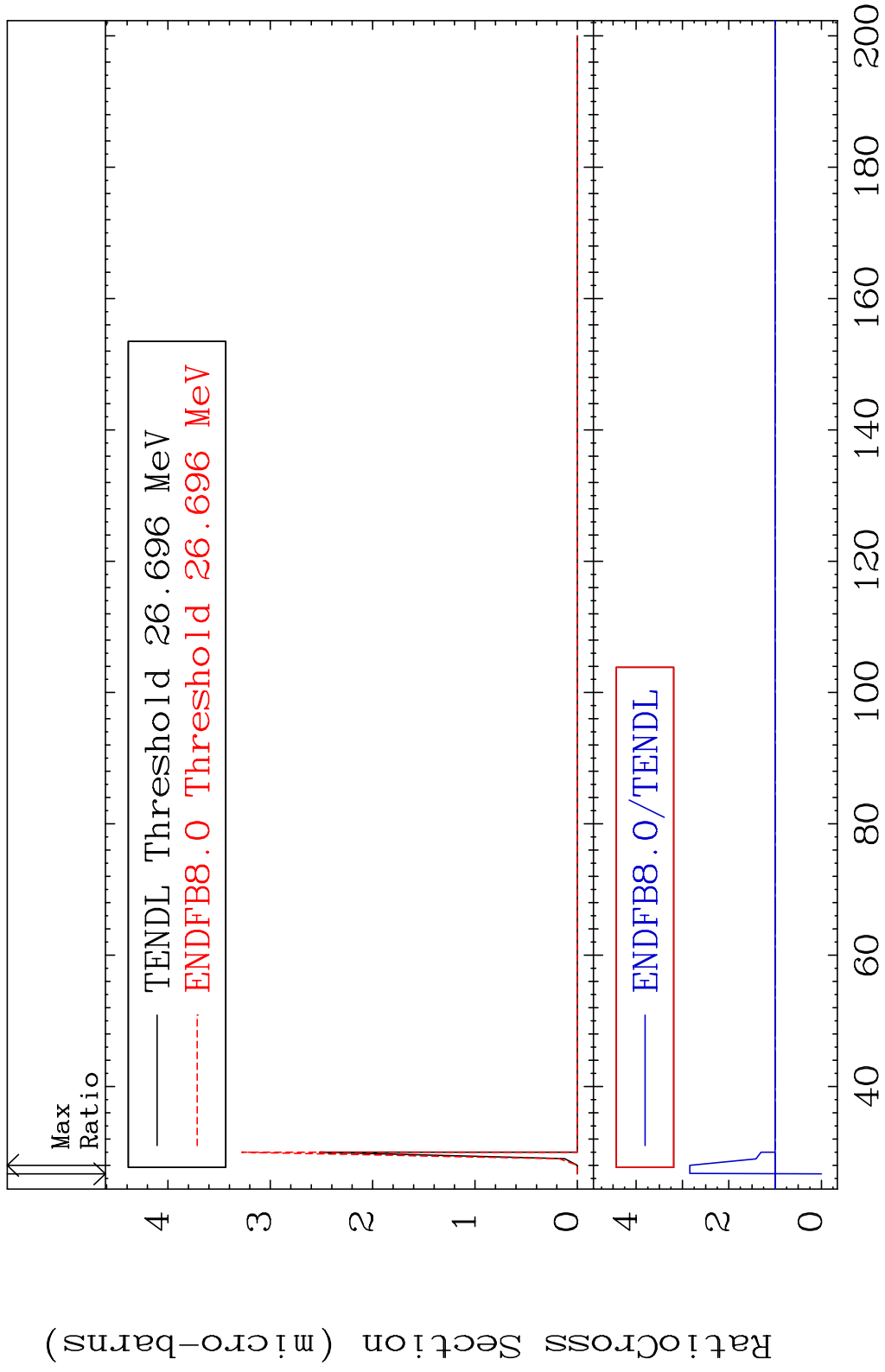
10-Ne-22

MAT 1031

(n,p) t

10-Ne-22

Cross Section -100.0 To 184.3 %

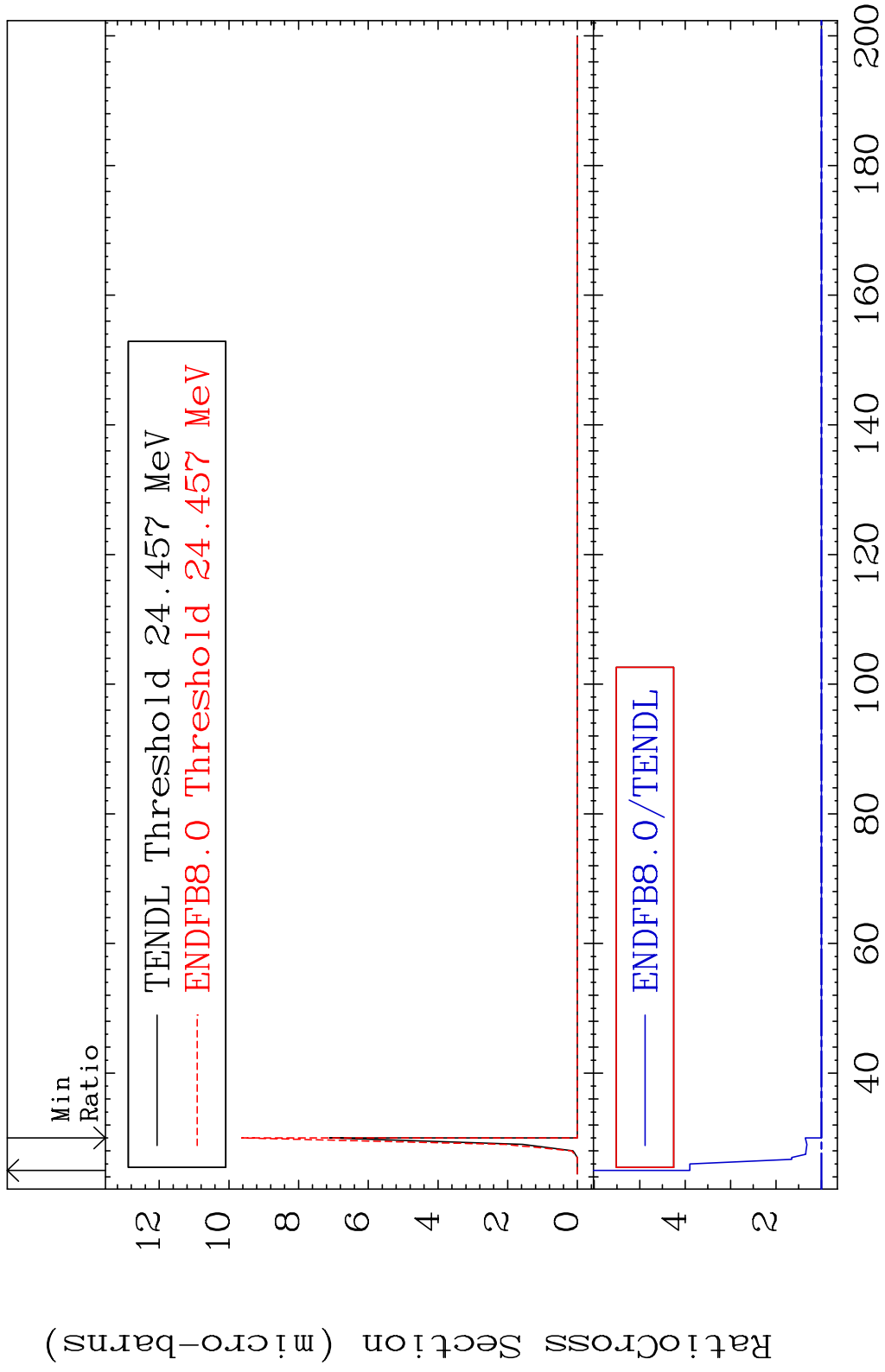


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Incident Energy (MeV)

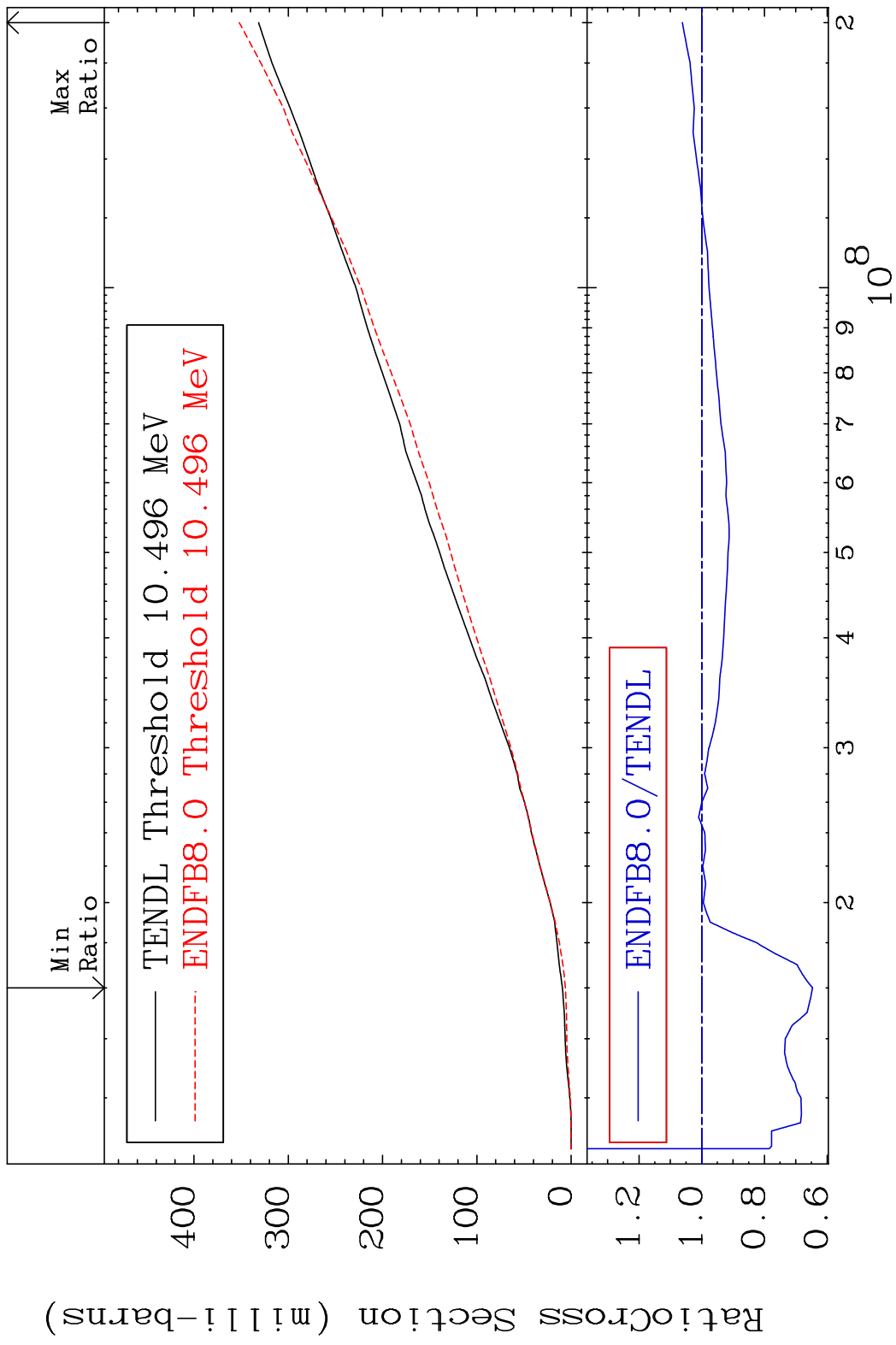
10-Ne-22

MAT 1031 (n,d)  $\alpha$  10-Ne-22  
Cross Section 0.000 To 289.7 %

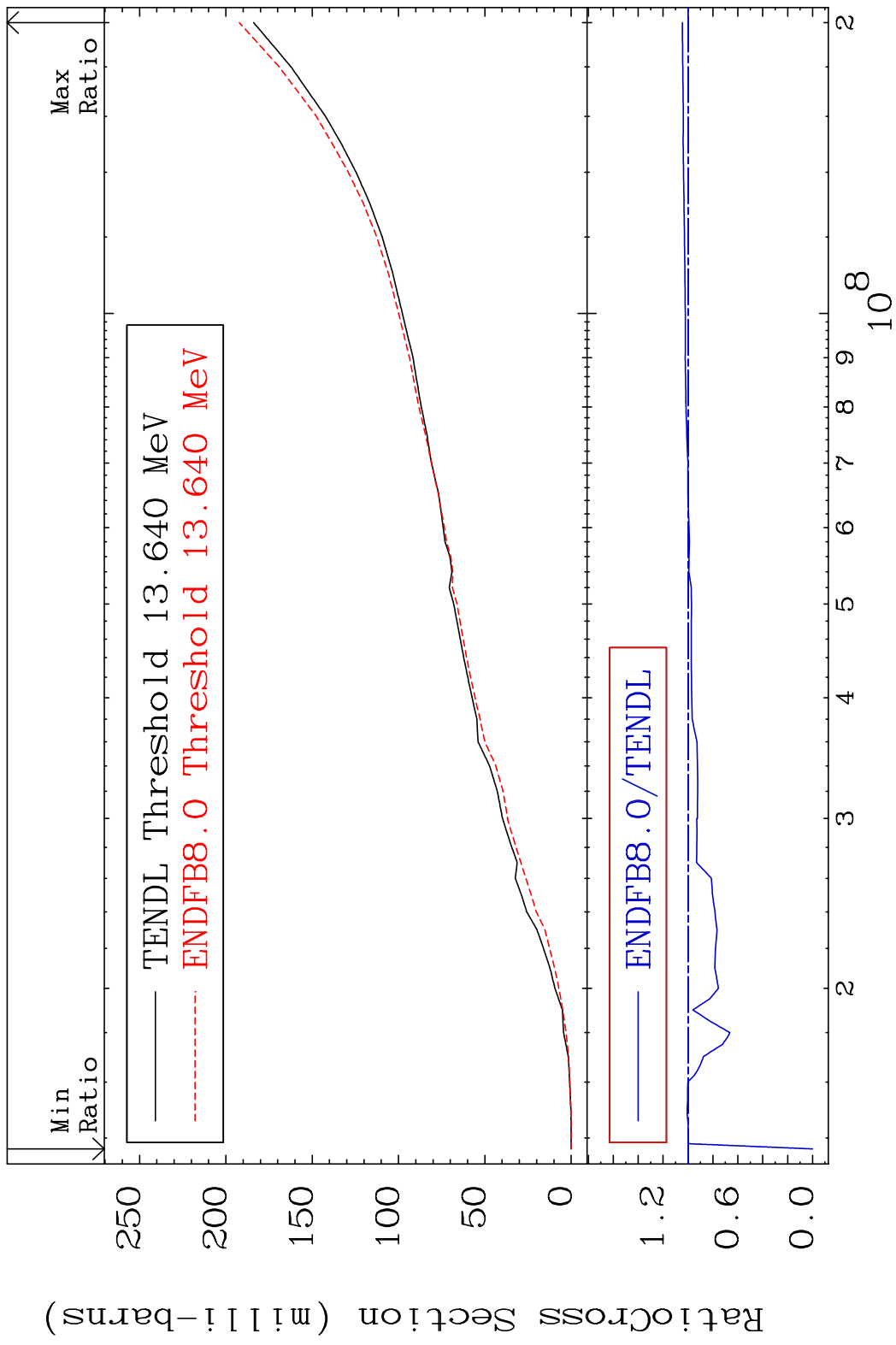


60 Incident Energy (MeV) 10-Ne-22

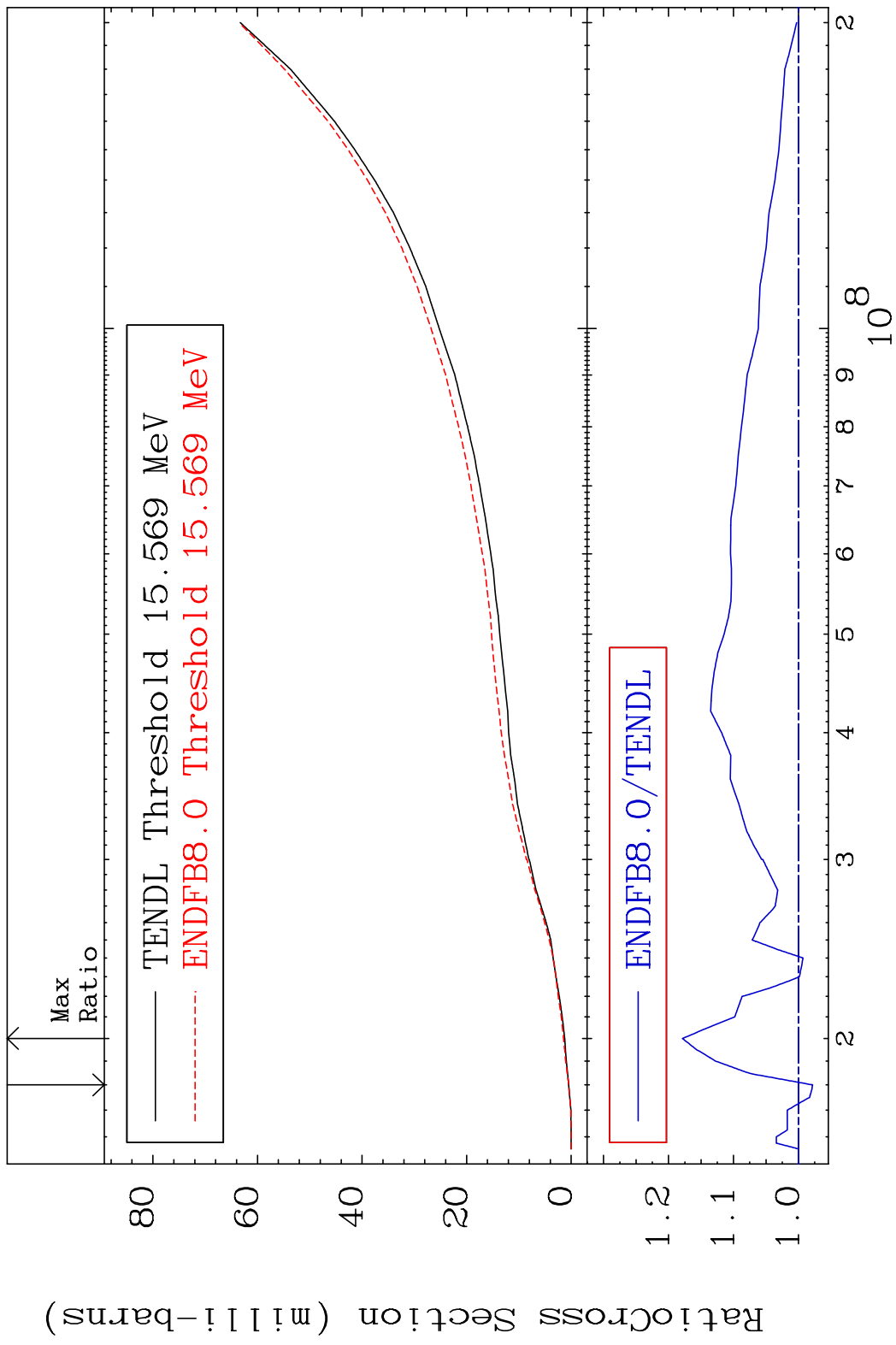
MAT 1031 Hydrogen Production 10-Ne-22  
 Cross Section -35.36 To 6.176 %



MAT 1031 Deuterium Production 10-Ne-22  
 Cross Section -100.0 To 4.540 %



MAT 1031 Tritium Production 10-Ne-22  
 Cross Section -2.164 To 17.88 %



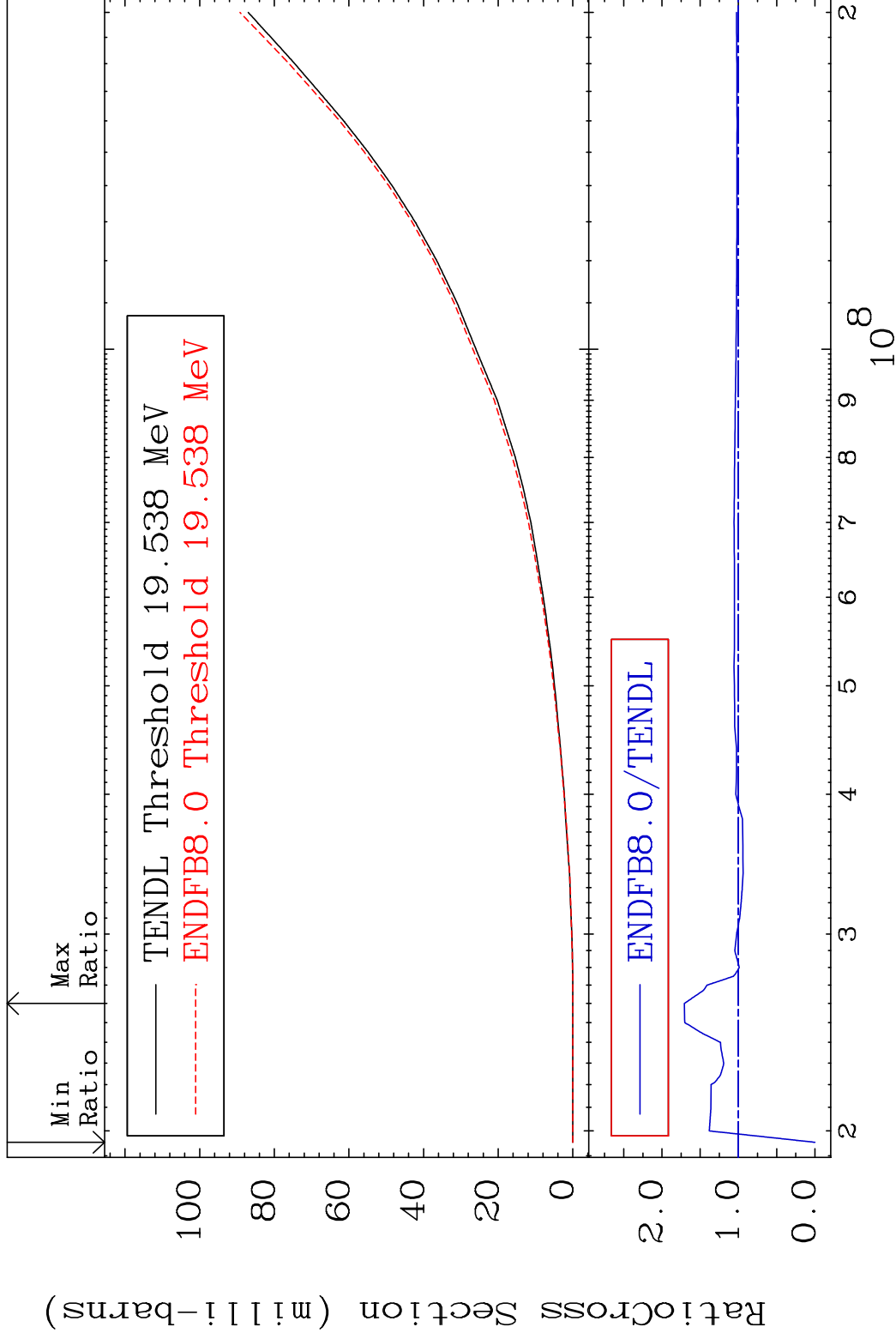


MAT 1031

He-3 Production

10-Ne-22

Cross Section -100.0 To 70.76 %

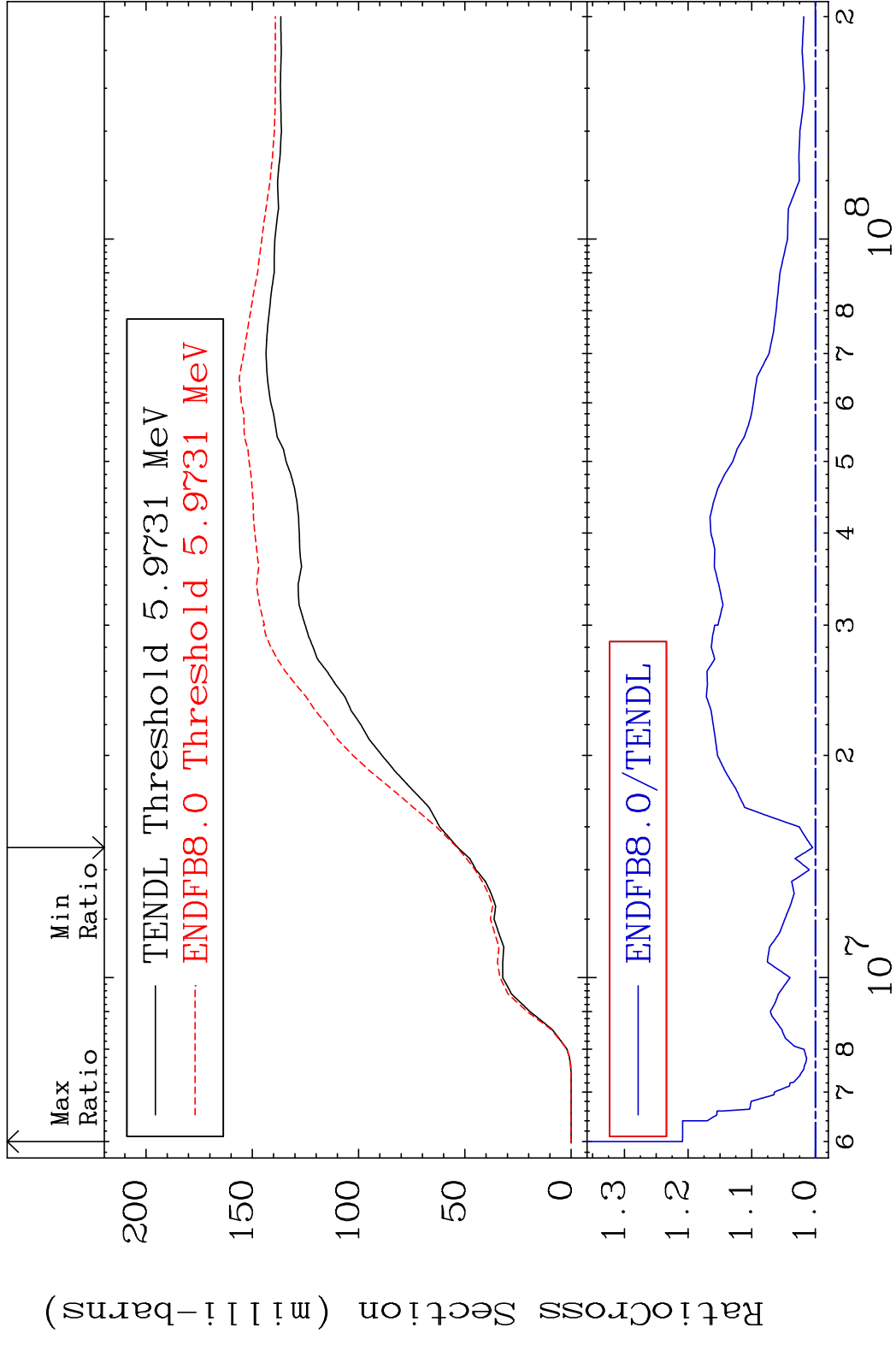


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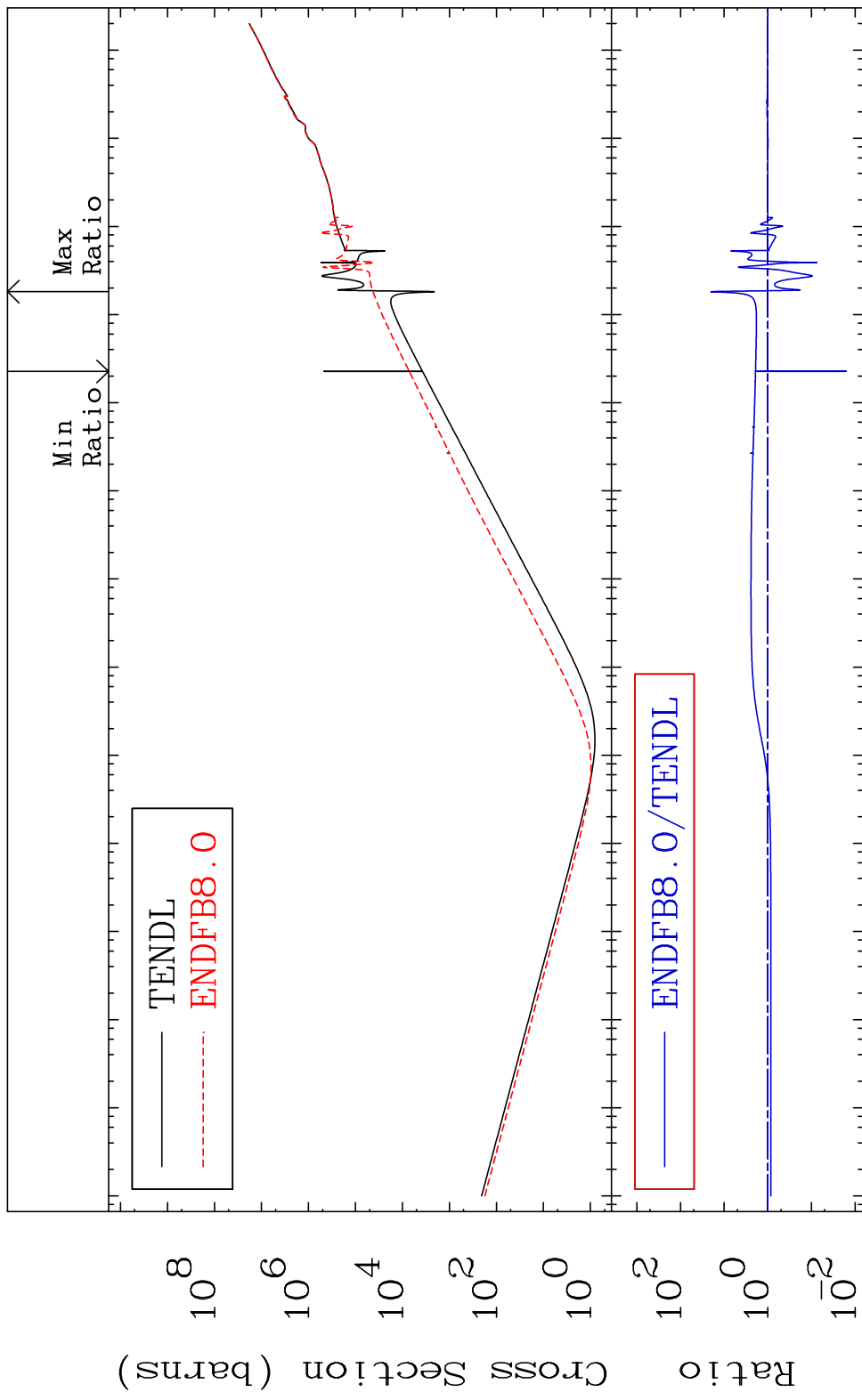
Incident Energy (eV)

10-Ne-22

MAT 1031 He-4 Production 10-Ne-22  
 Cross Section 0.451 To 20.90 %



MAT 1031 Kerma total (eV-barns) 10-Ne-22  
 Cross Section -98.41 To 1933. %

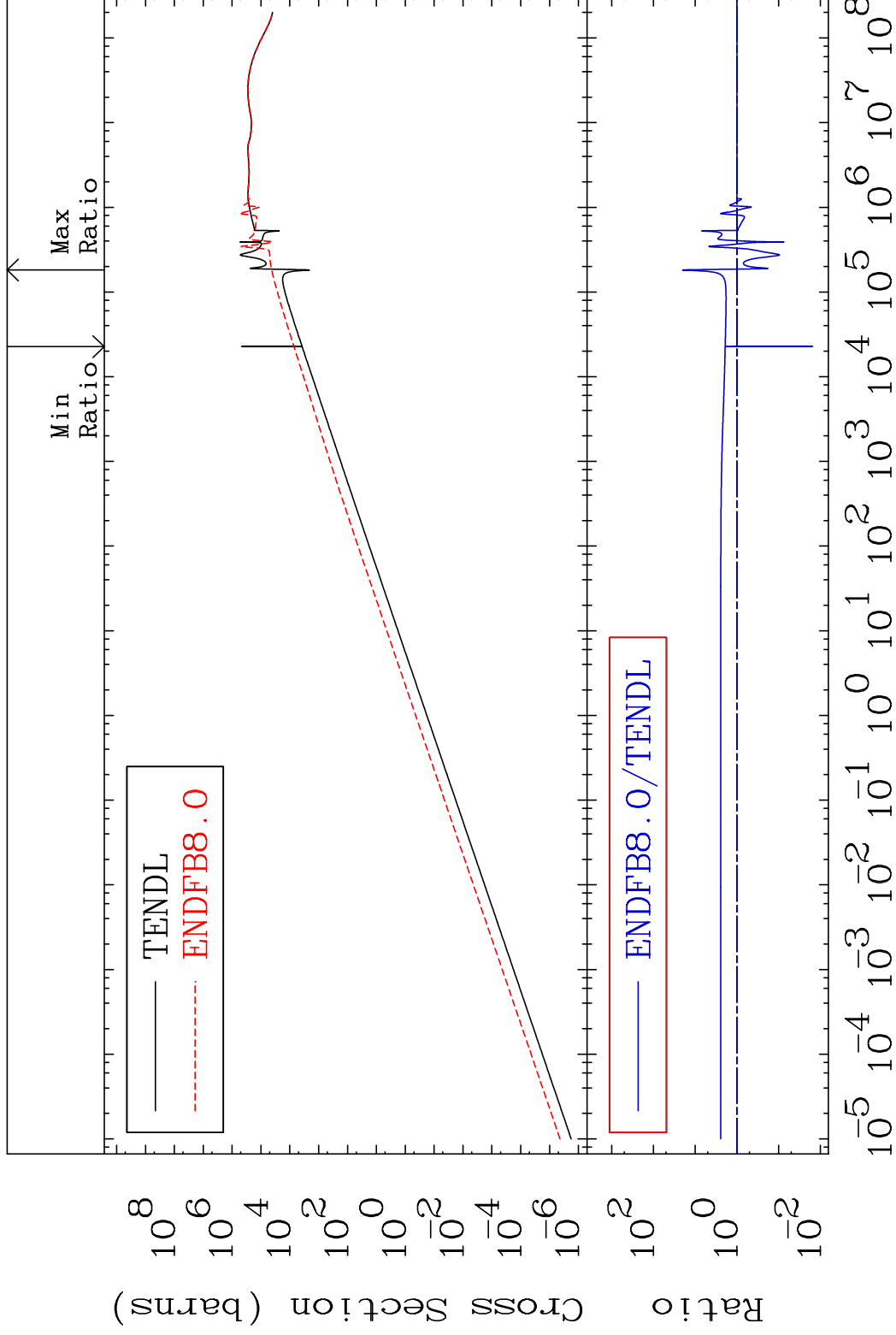


66 Incident Energy (eV) 10-Ne-22

MAT 1031

Kerma elastic  
Cross Section

10-Ne-22  
-98.46 To 1933. %

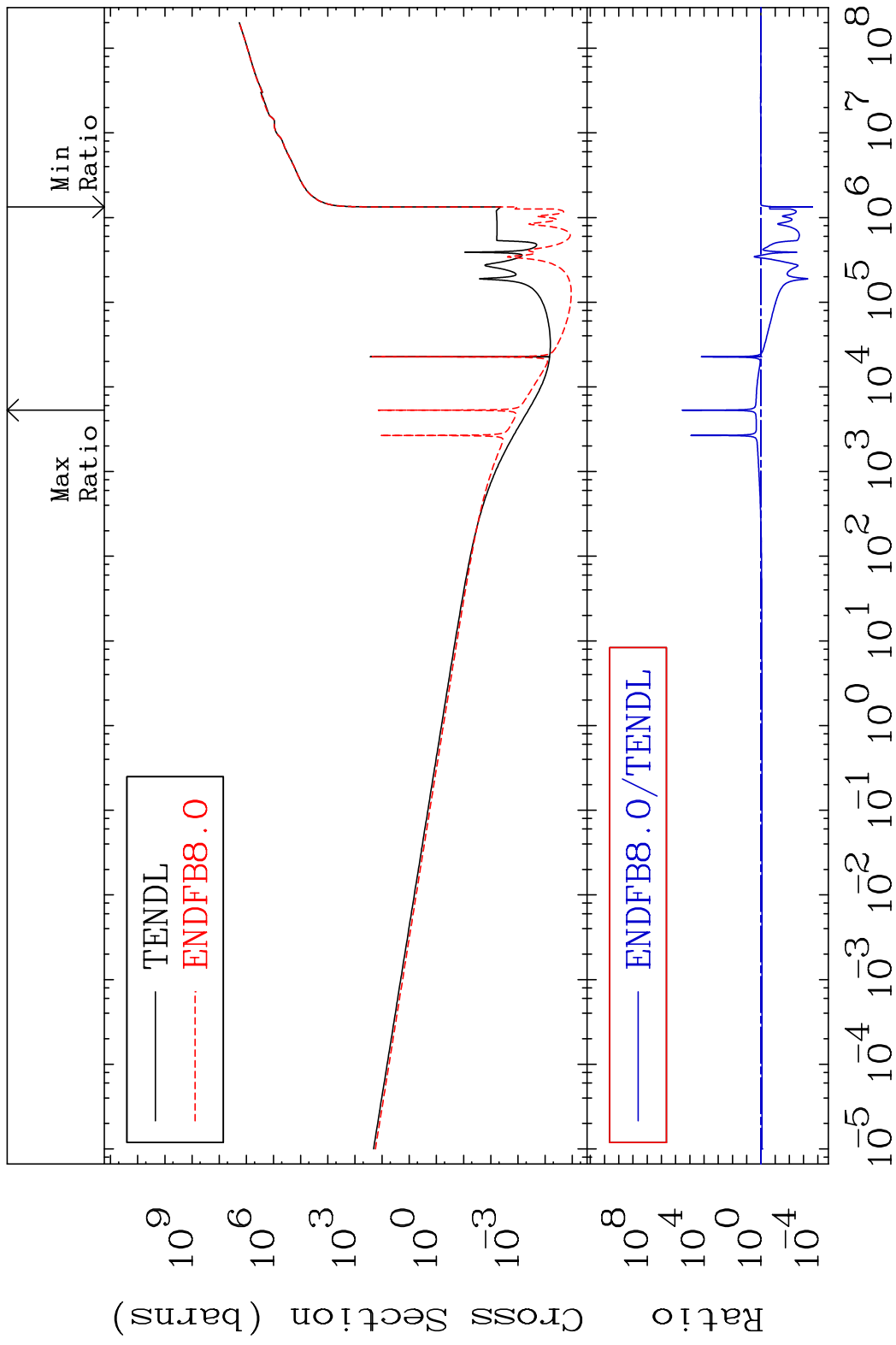


67

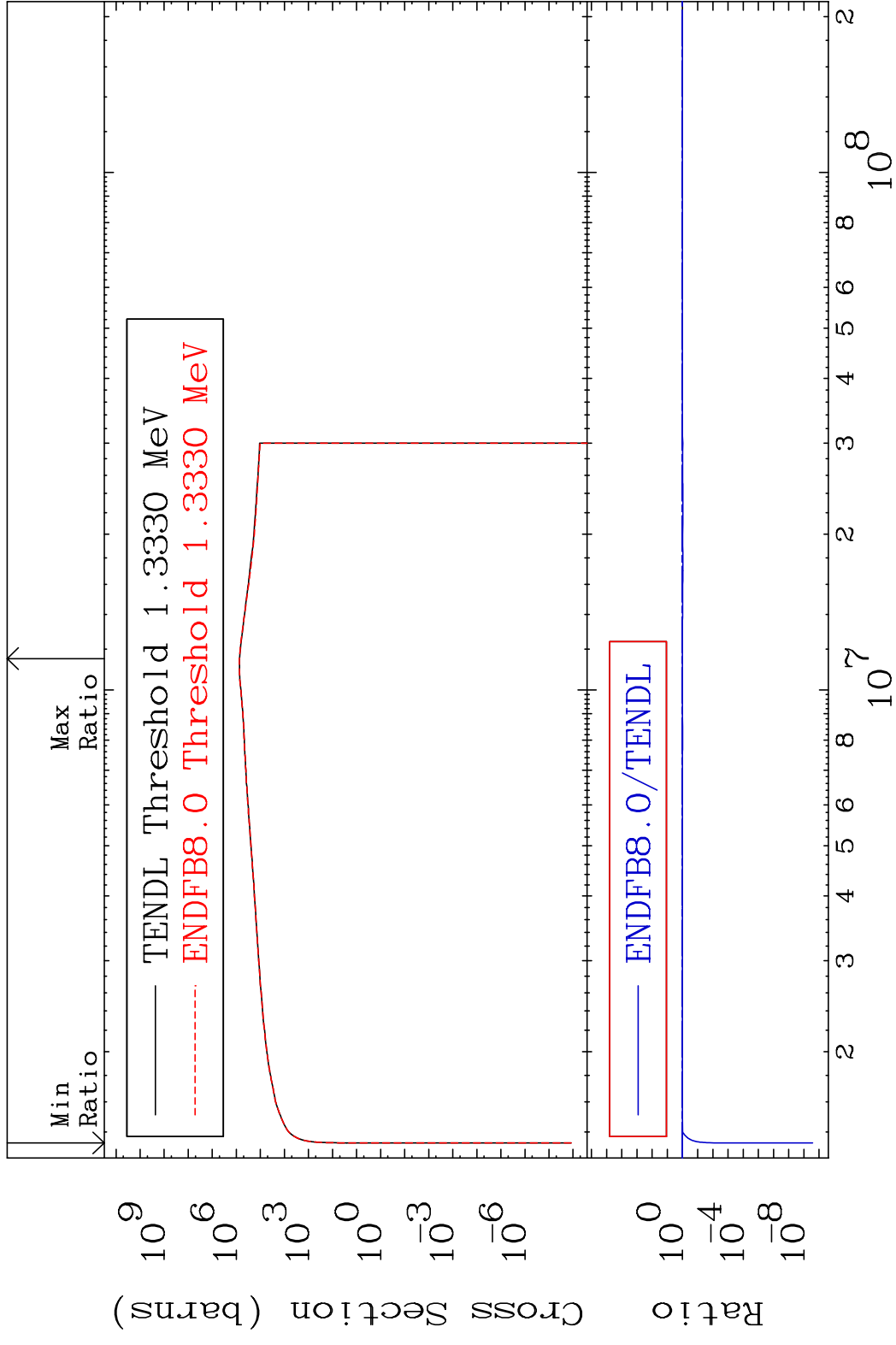
Incident Energy (eV)

10-Ne-22

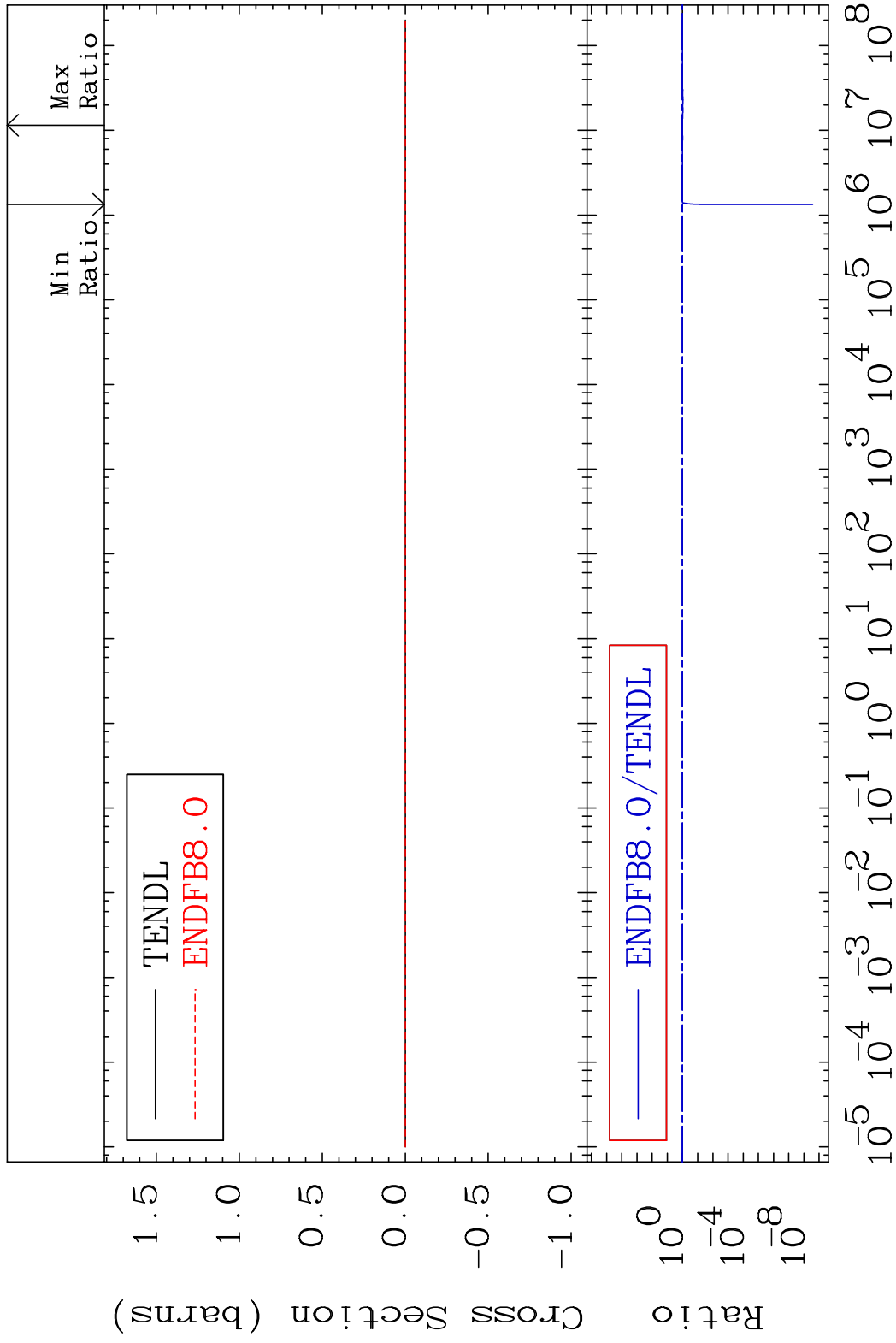
MAT 1031 Kerma non-elastic (all but mt2) 10-Ne-22  
 Cross Section -99.98 To 9999. %



MAT 1031 Kerma inelastic (mt51-91) 10-Ne-22  
 Cross Section -100.0 To 2.156 %



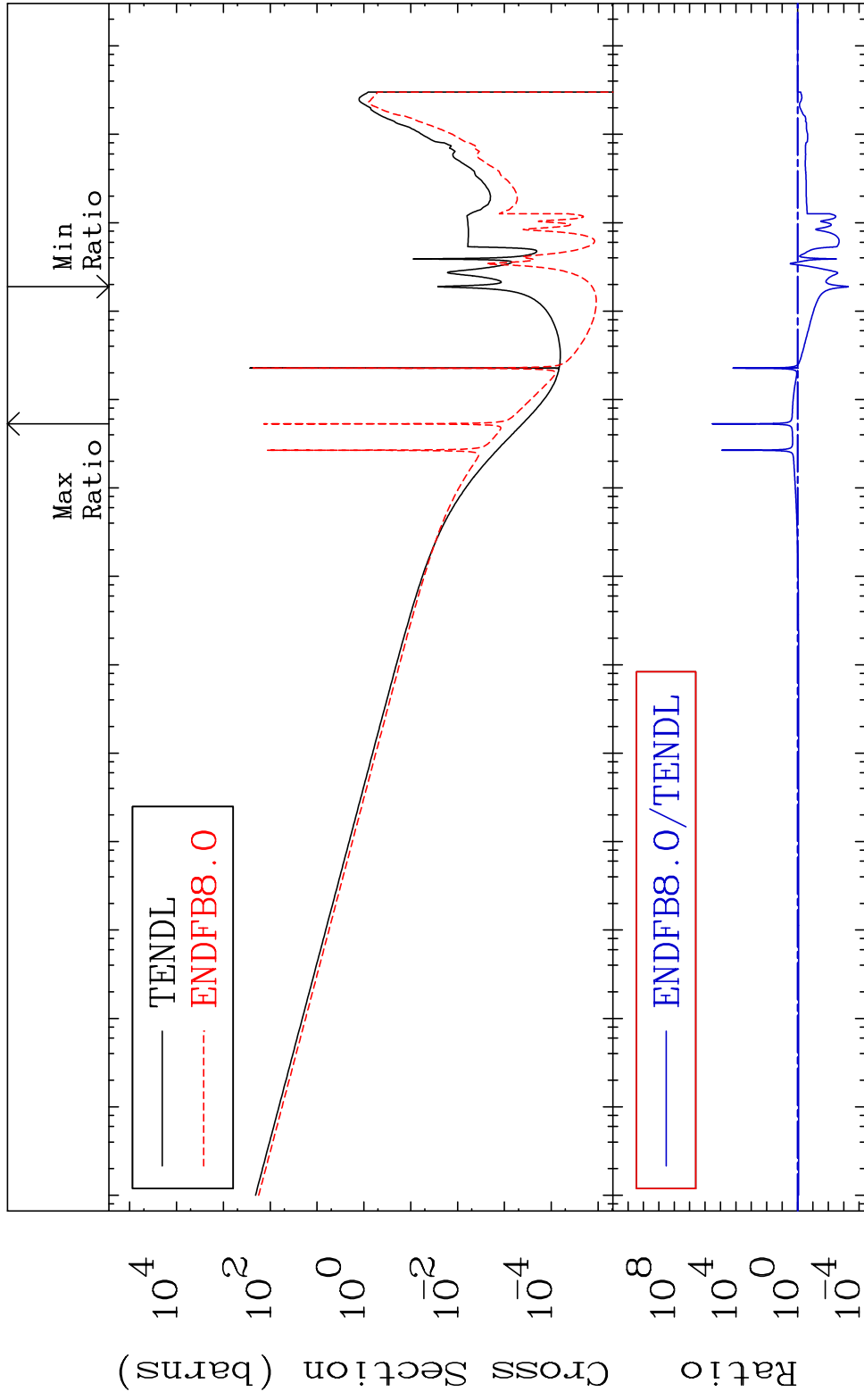
MAT 1031 Kerma fission (mt18 or mt19-20-21-38) 10-Ne-22  
 Cross Section -100.0 To 2.156 %



MAT 1031

Kerma capture (mt102) 10-Ne-22

Cross Section -99.95 To 9999. %



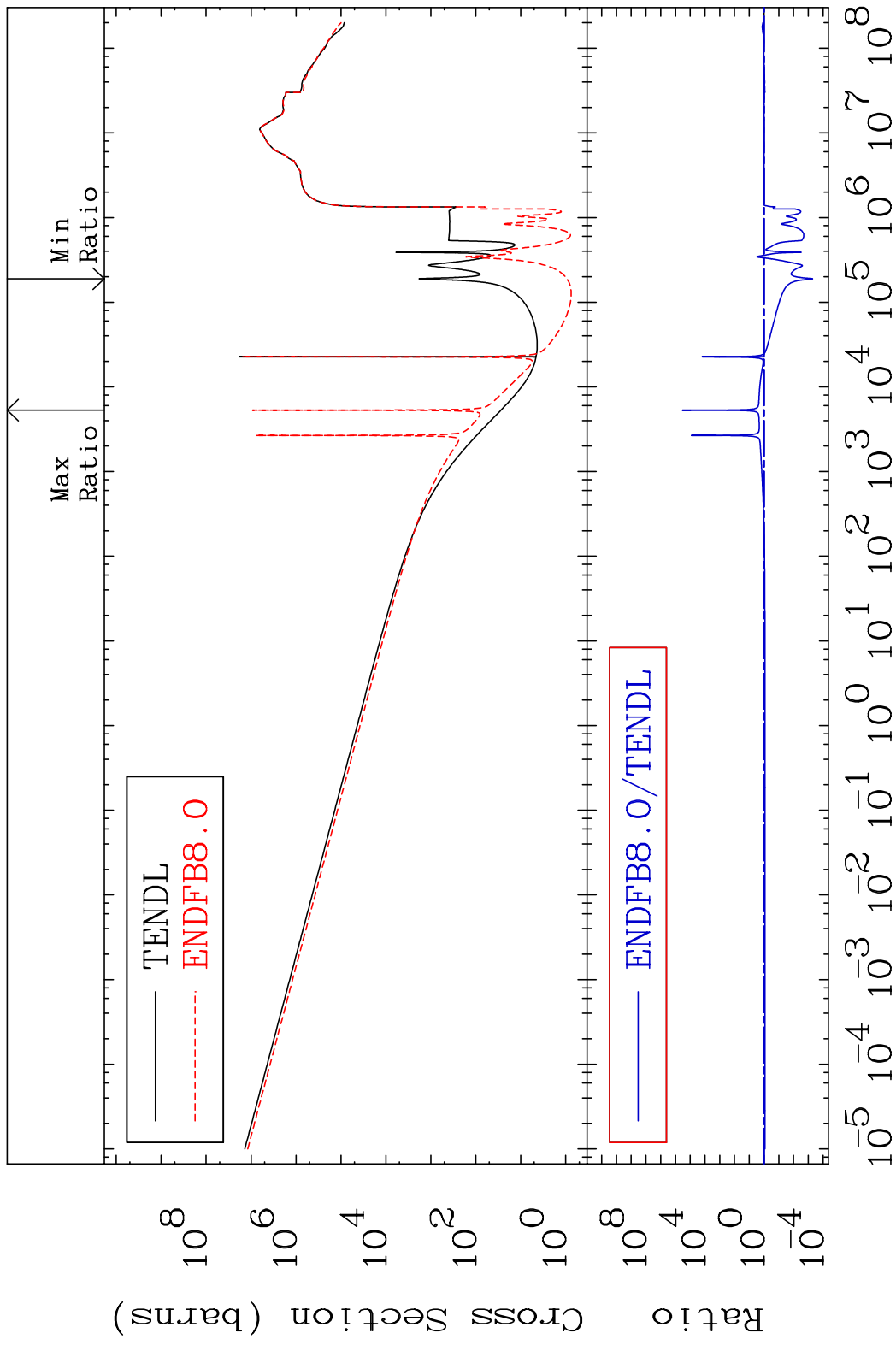
71

Incident Energy (eV)

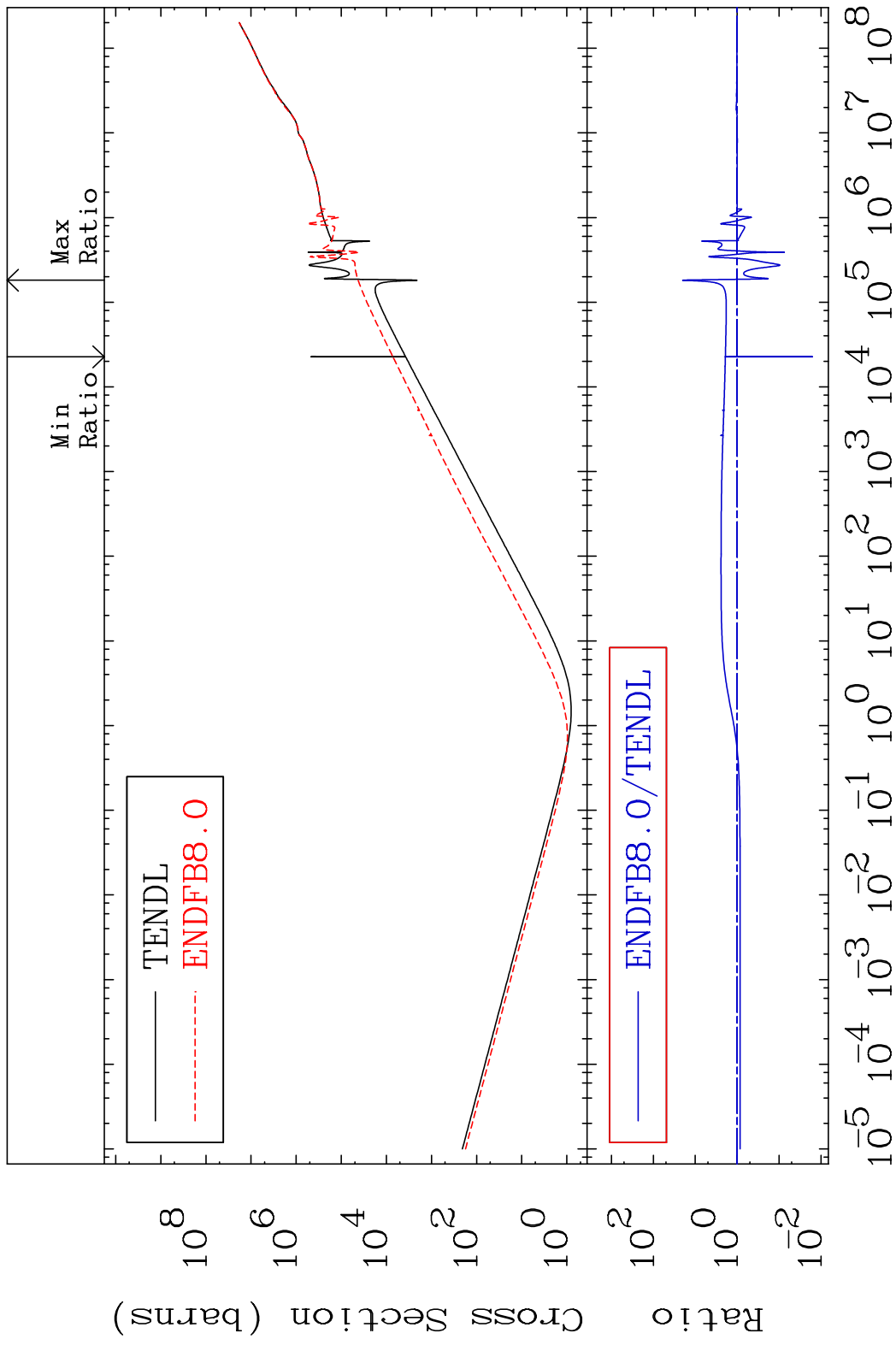
10-Ne-22



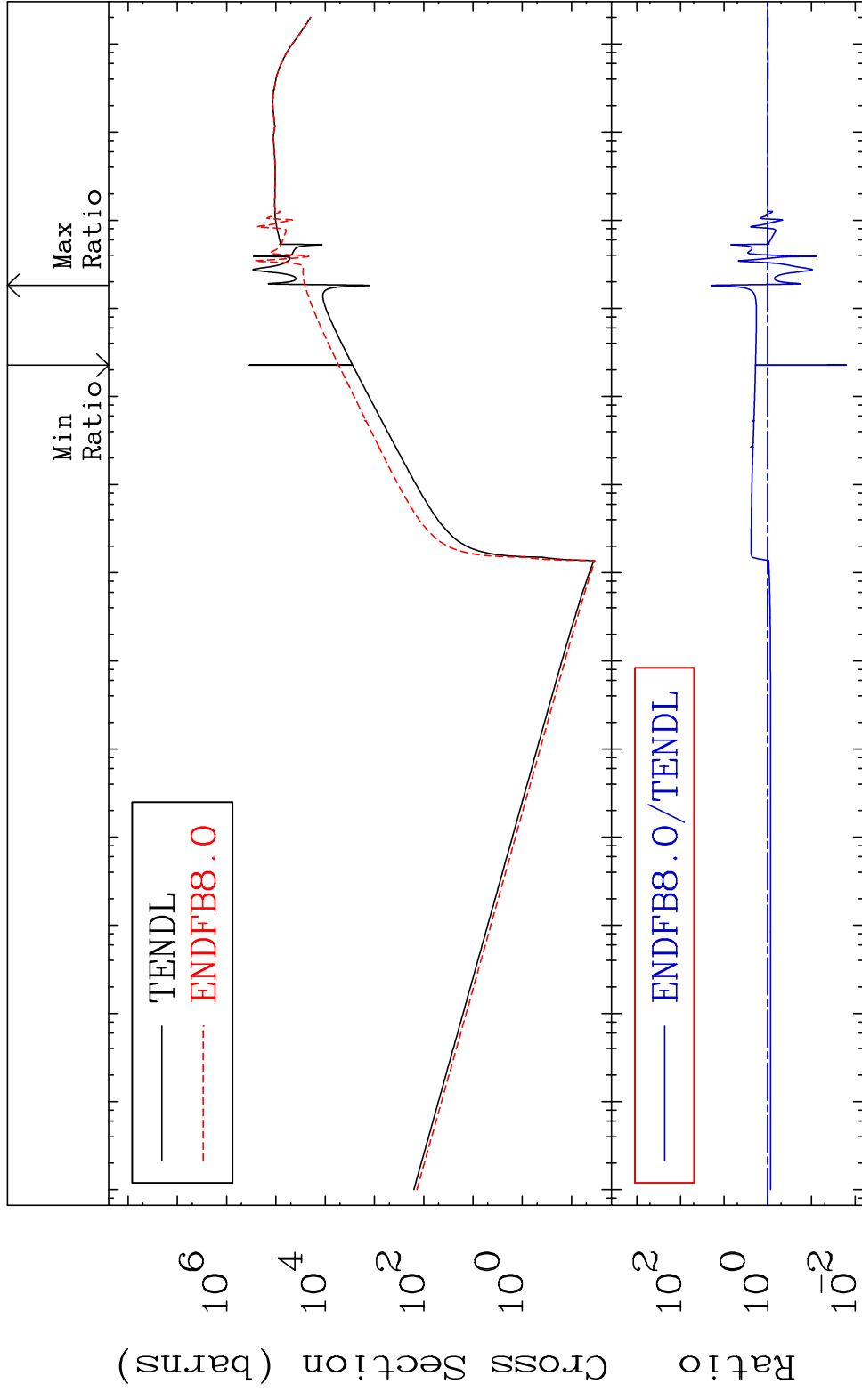
MAT 1031 Total photon (eV-barns) 10-Ne-22  
 Cross Section -99.95 To 9999. %



MAT 1031 Total kinematic kerma (high limit) 10-Ne-22  
 Cross Section -98.41 To 1933. %



MAT 1031 Dpa total (eV-barns) 10-Ne-22  
 Cross Section -98.41 To 1933. %



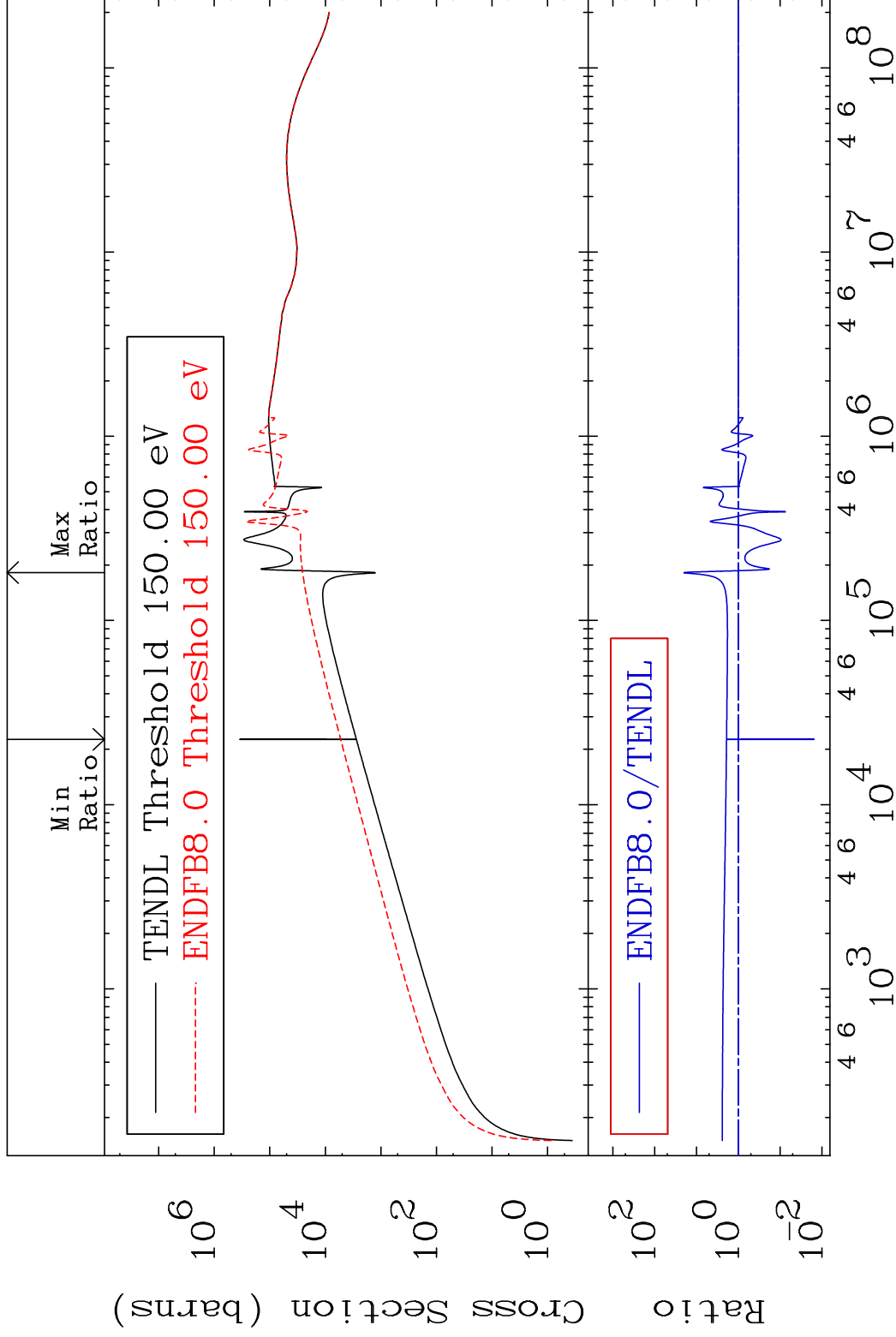
74 Incident Energy (eV) 10-Ne-22

MAT 1031

Dpa elastic (mt2)

10-Ne-22

Cross Section -98.46 To 1933. %

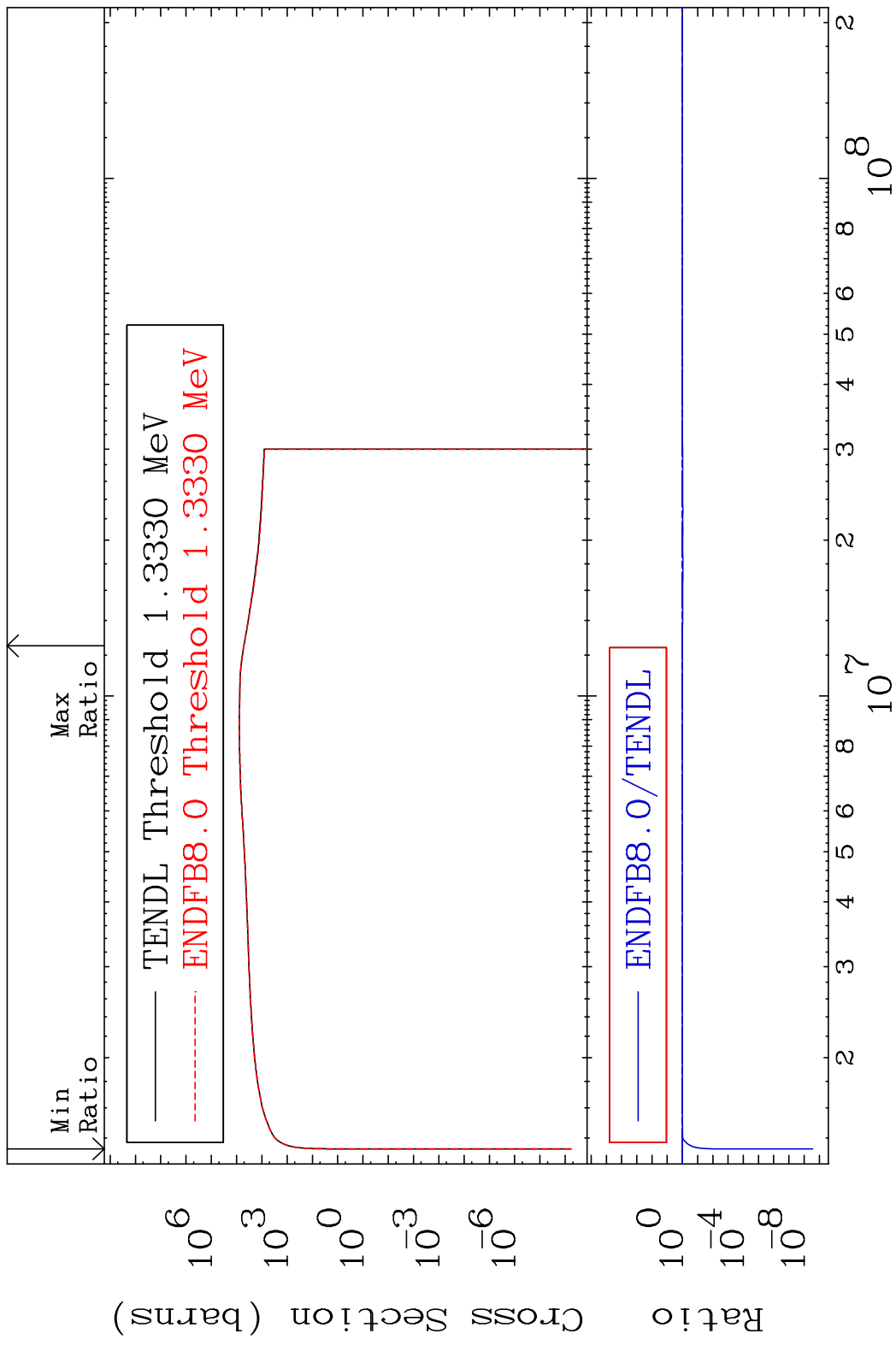


75

Incident Energy (eV)

10-Ne-22

MAT 1031 Dpa inelastic (mt51-91) 10-Ne-22  
 Cross Section -100.0 To 1.226 %



MAT 1031 Dpa disappearance (mt102 -120) 10-Ne-22  
 Cross Section -99.95 To 9999. %

