

Program Complot  
(Version 2021-1)

by

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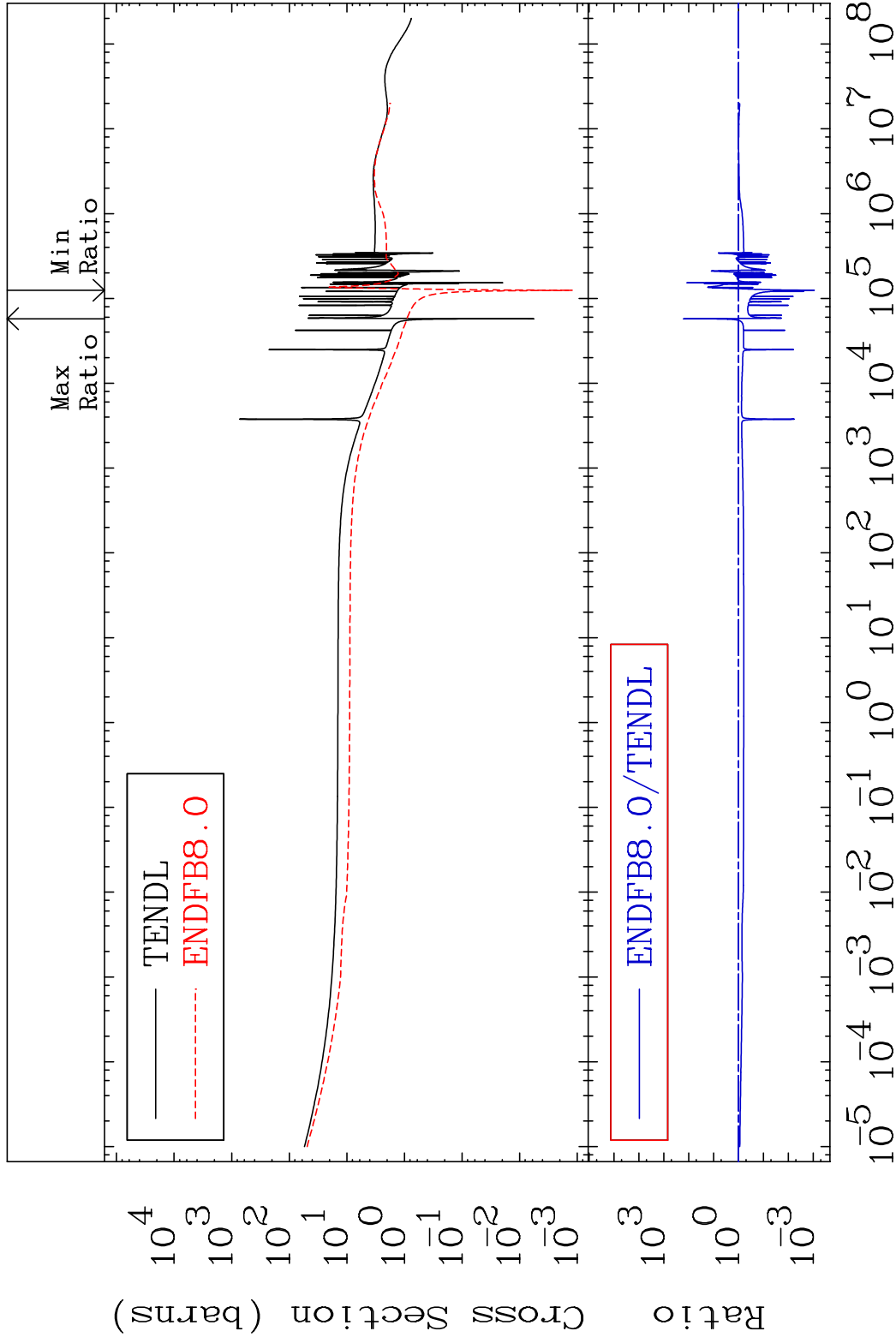
Press Mouse Button to Start

MAT 1831

Total

18-Ar-38

Cross Section -99.91 To 9999. %



1

Incident Energy (eV)

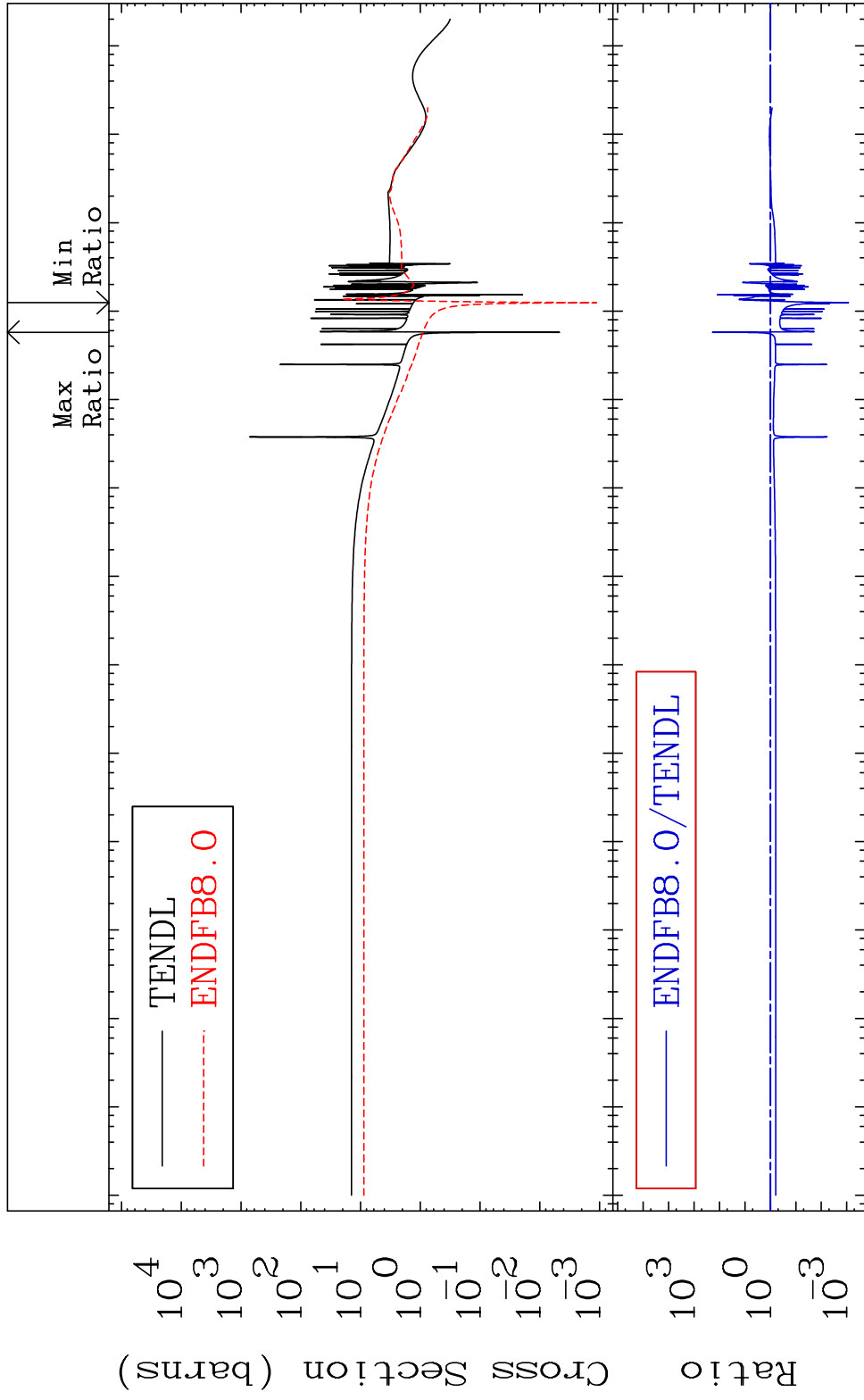
18-Ar-38

MAT 1831

Elastic

18-Ar-38

Cross Section -99.91 To 9999. %

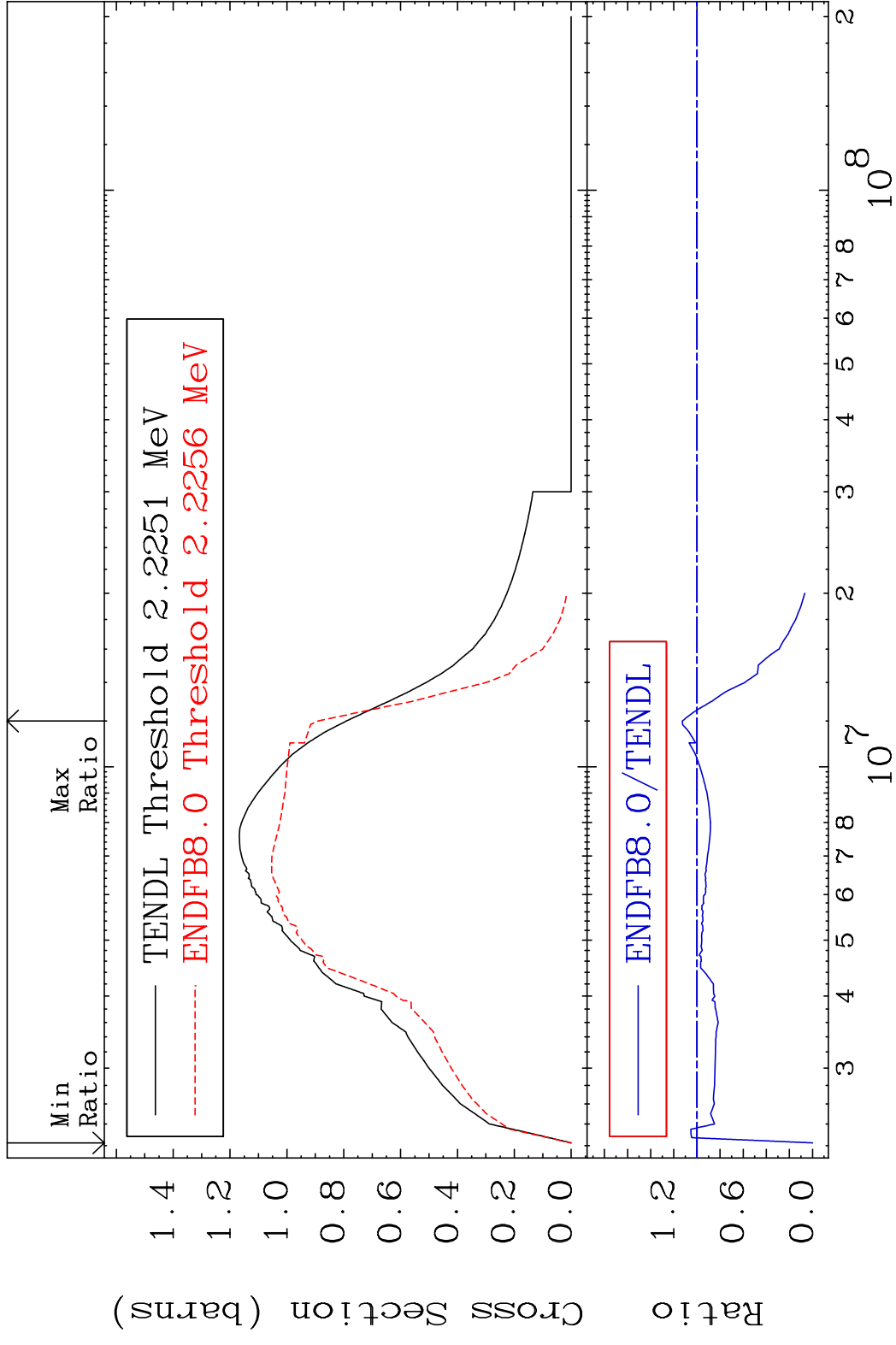


2

Incident Energy (eV)

18-Ar-38

MAT 1831 Inelastic 18-Ar-38  
 Cross Section -100.0 To 12.62 %

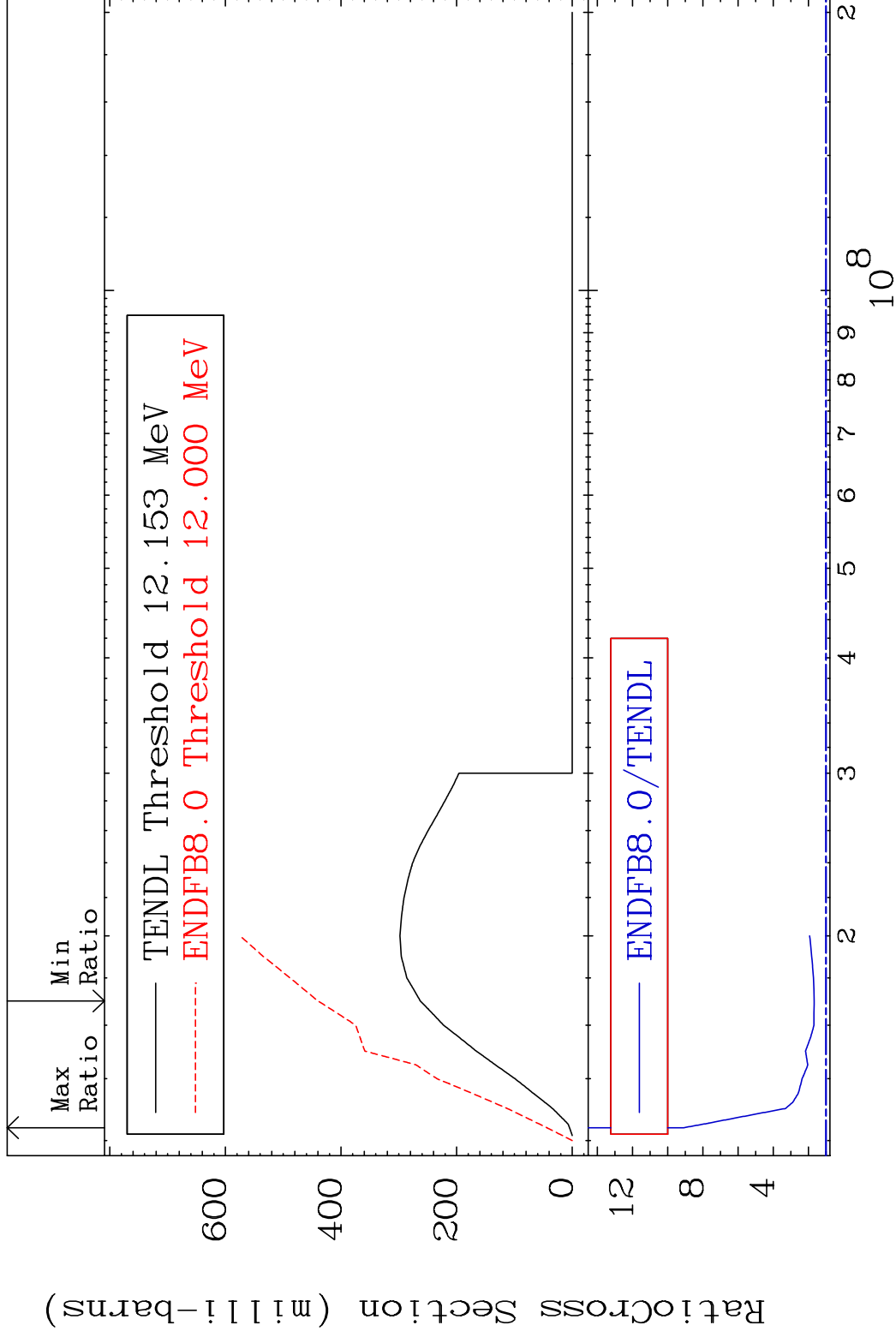


MAT 1831

(n,2n)

18-Ar-38

Cross Section 67.41 To 808.8 %



4

Incident Energy (eV)

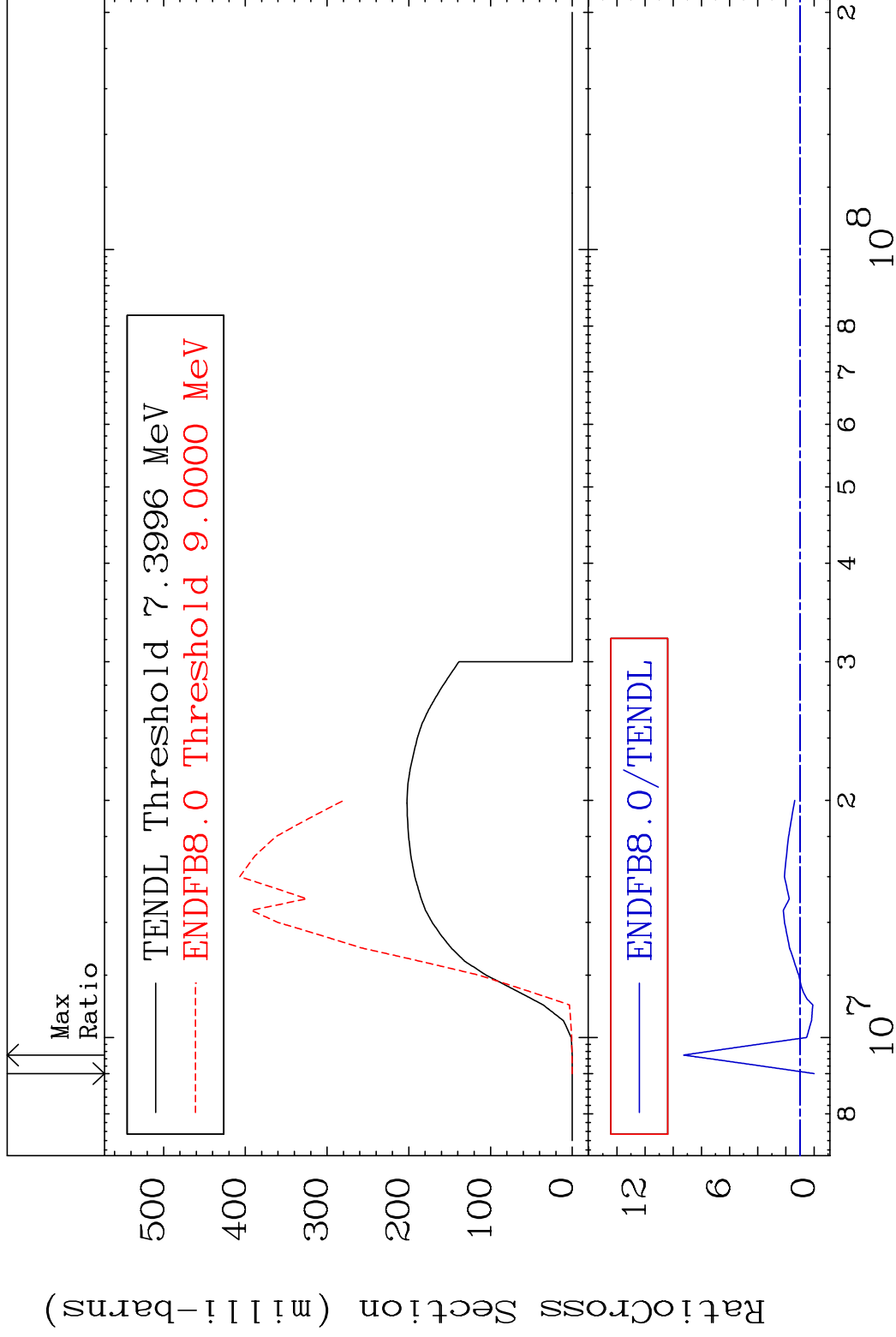
18-Ar-38

MAT 1831

(n, n')  $\alpha$

18-Ar-38

Cross Section -100.0 To 825.9 %



5

18-Ar-38

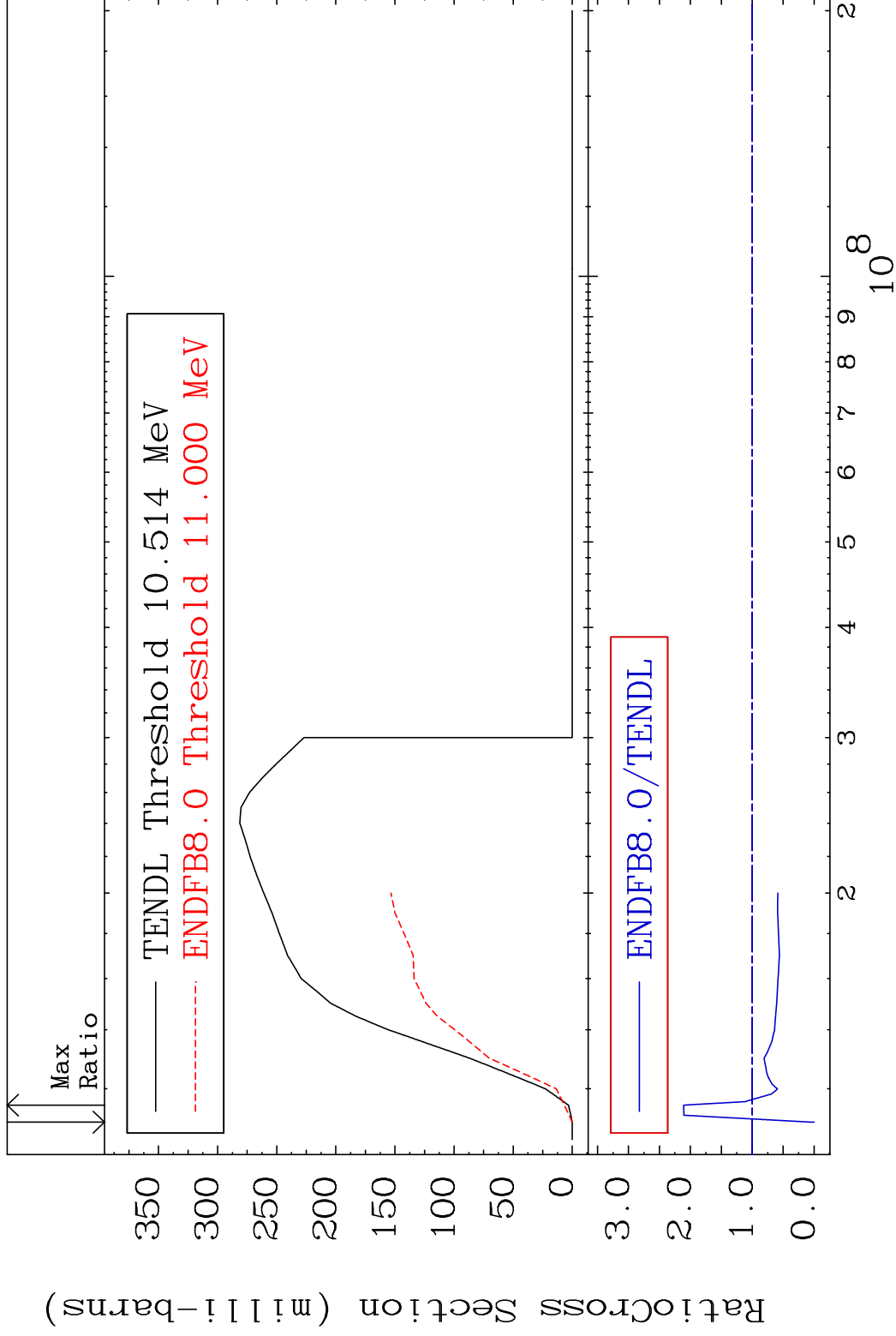
18-Ar-38

MAT 1831

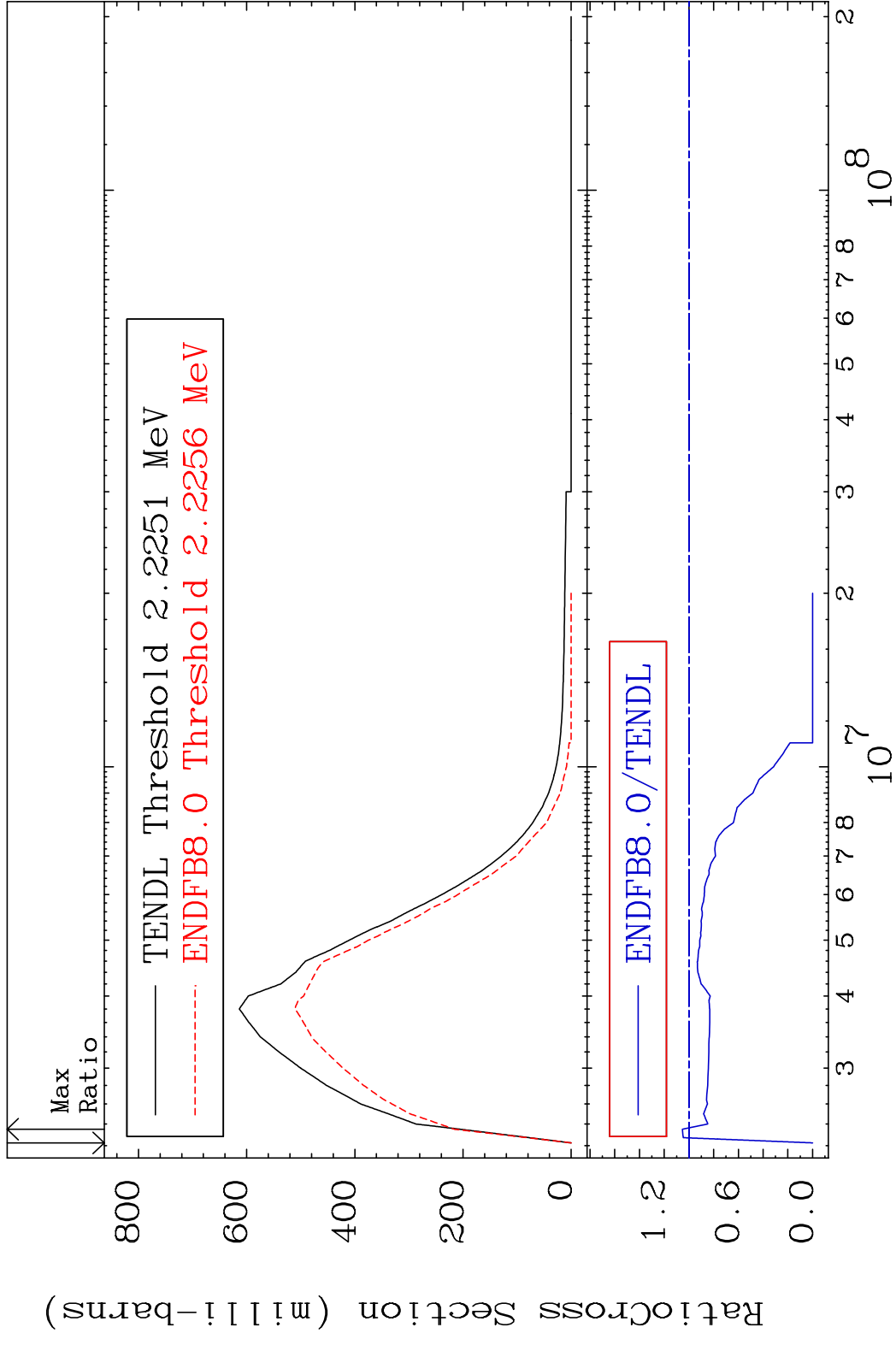
(n, n') p

18-Ar-38

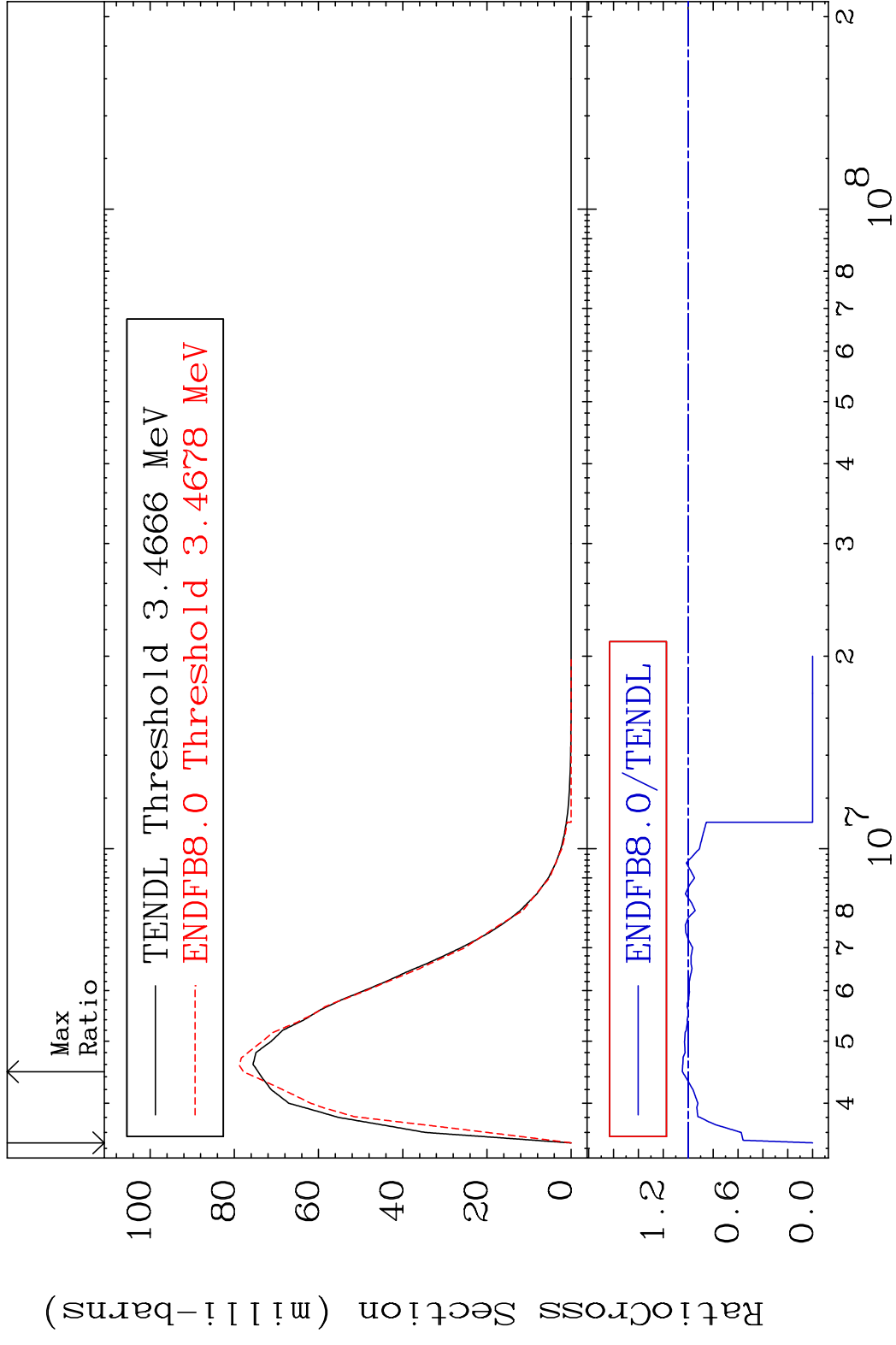
Cross Section -100.0 To 110.8 %



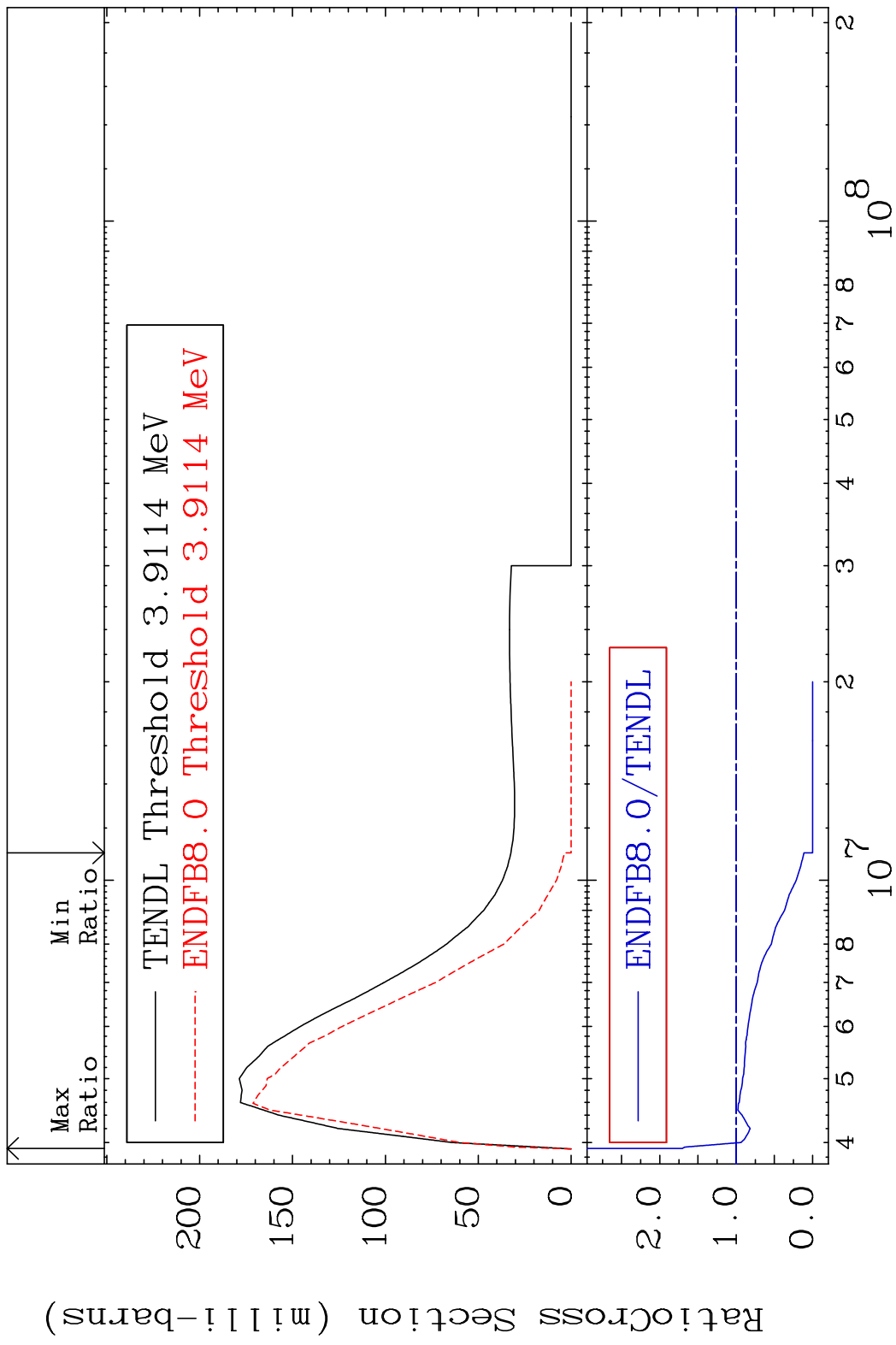
MAT 1831 MT= 51 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 5.328 %



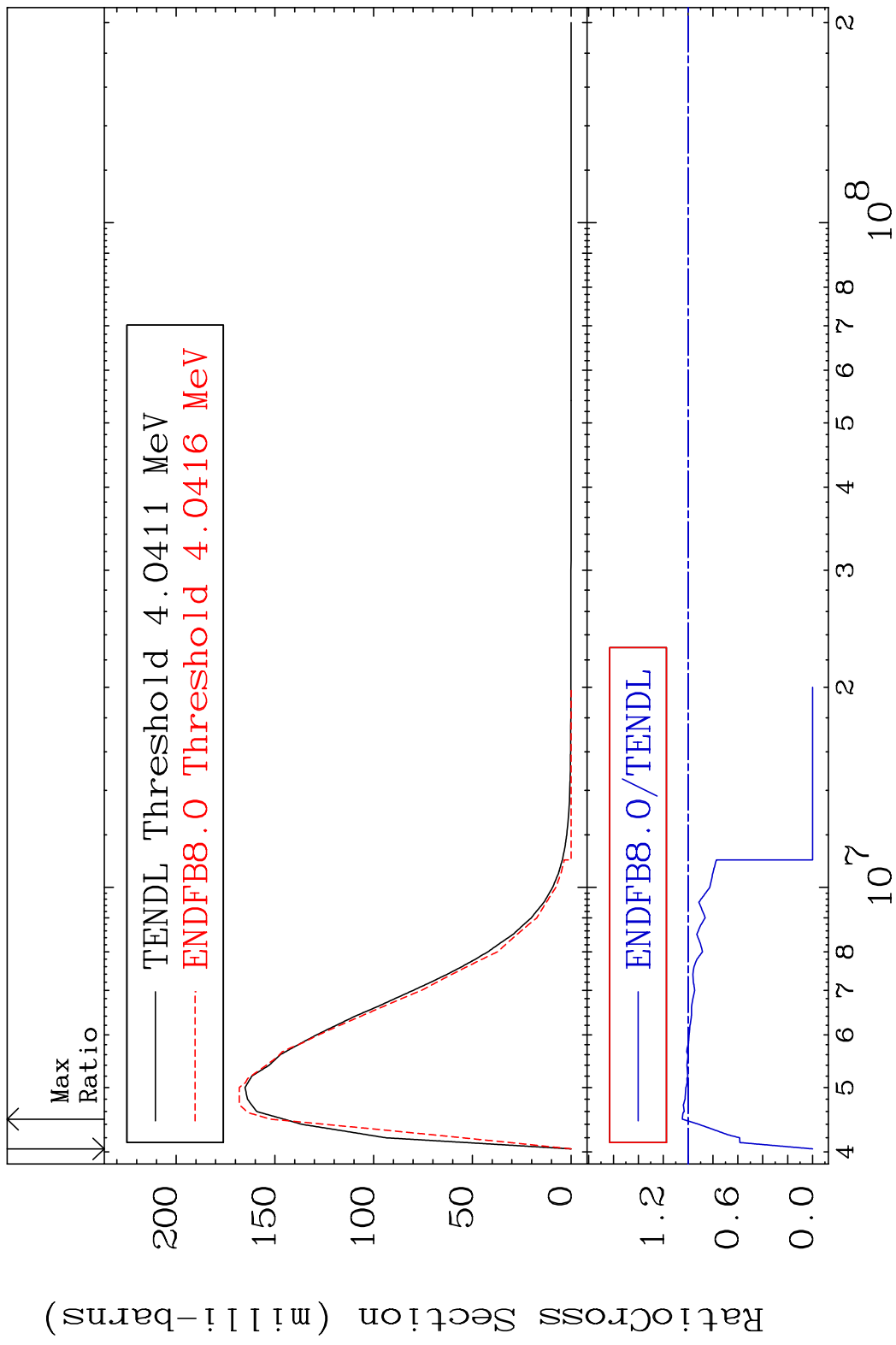
MAT 1831 MT= 52 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 4.700 %



MAT 1831 MT= 53 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 70.45 %

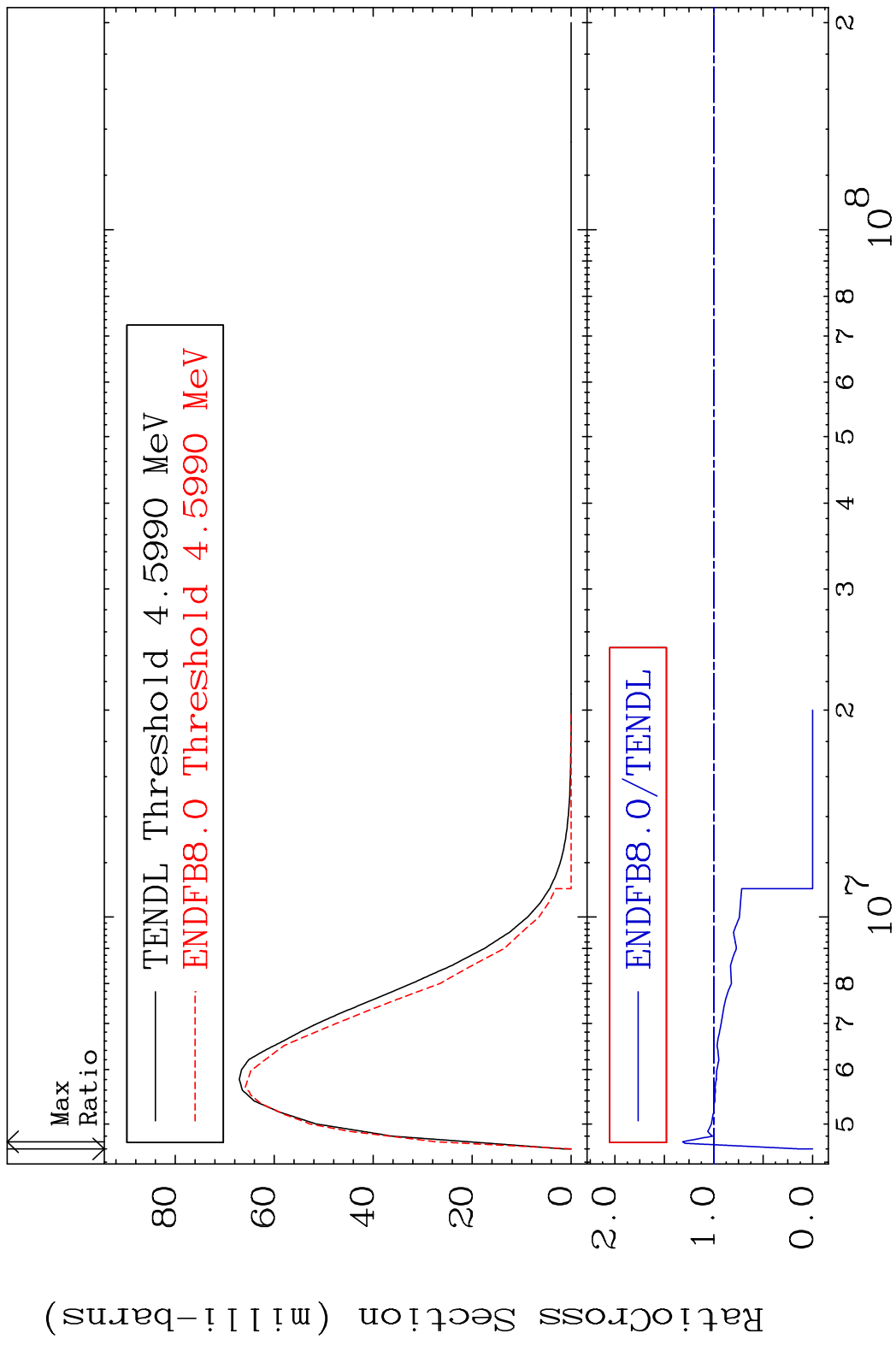


MAT 1831 MT= 54 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 4.624 %

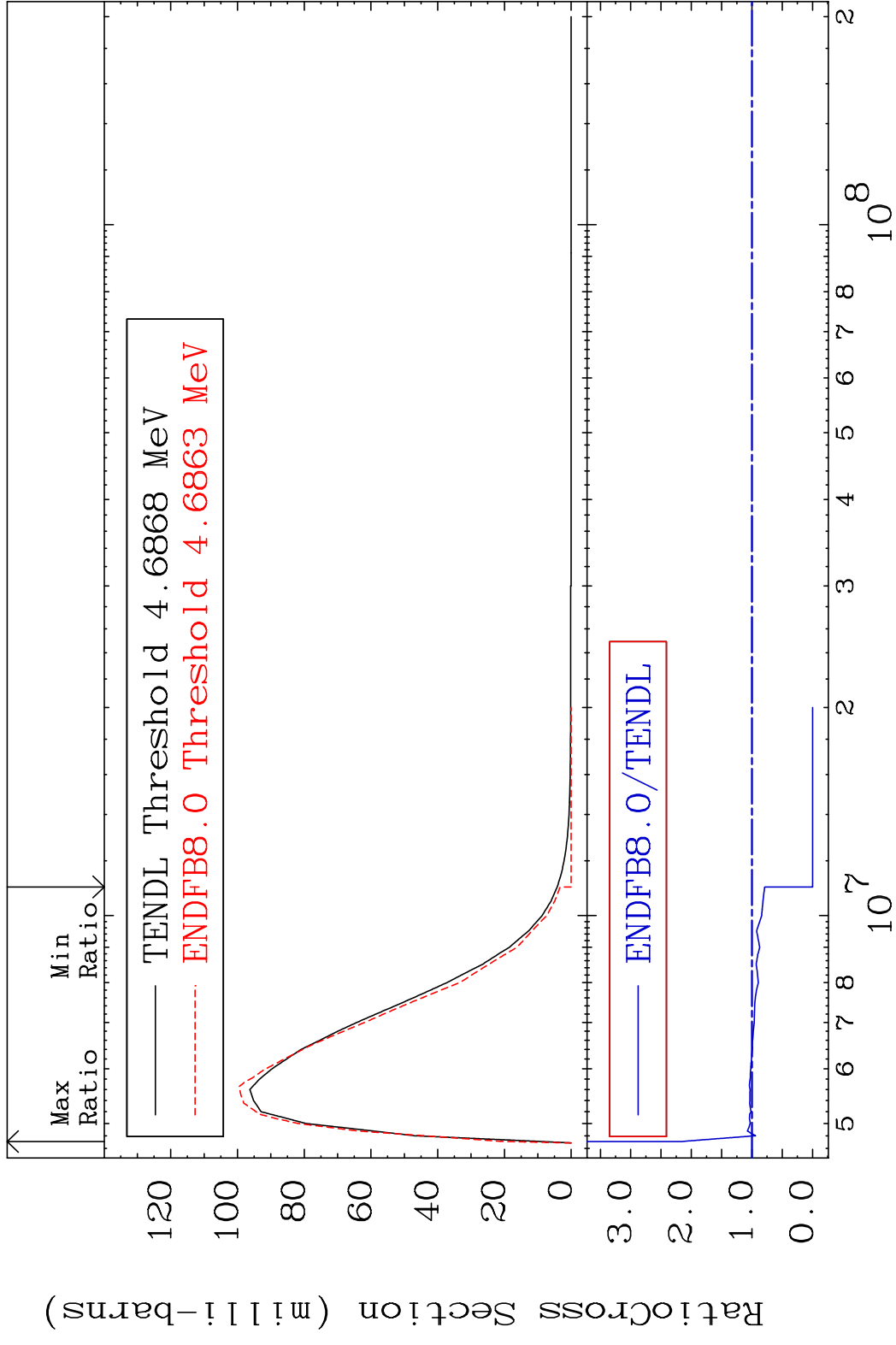


10 Incident Energy (eV) 18-Ar-38

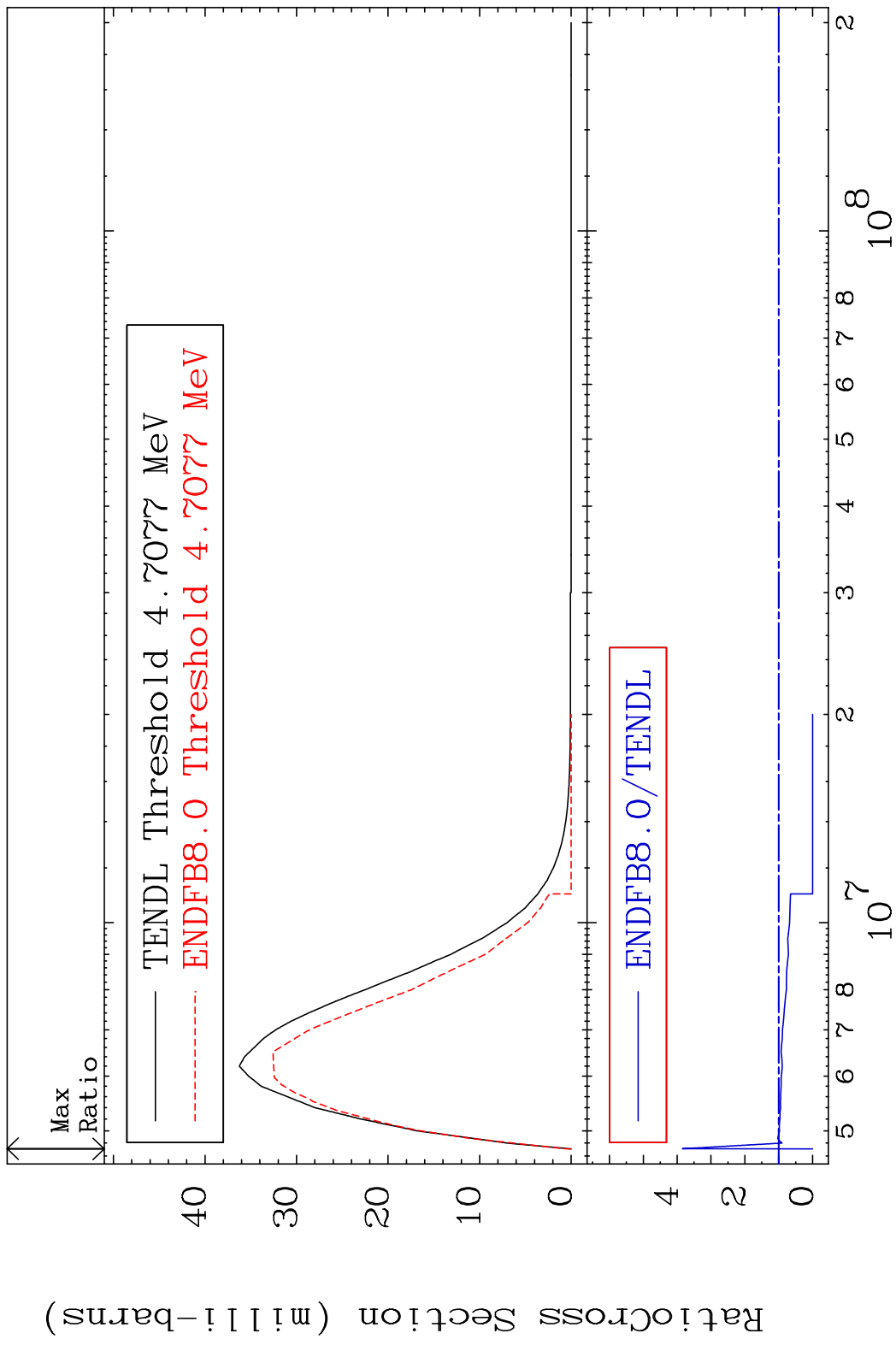
MAT 1831 MT= 55 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 31.81 %



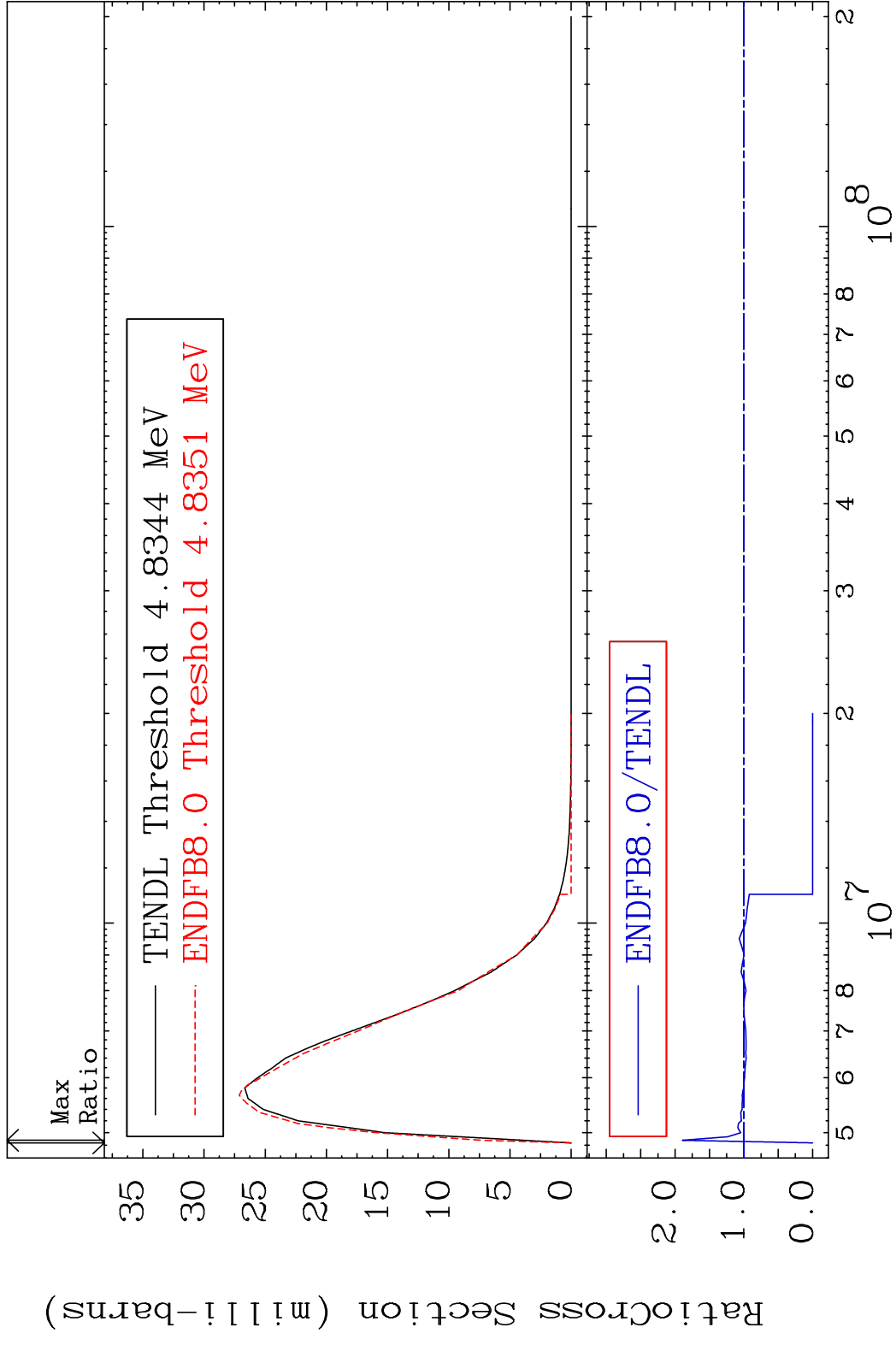
MAT 1831 MT= 56 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 114.8 %



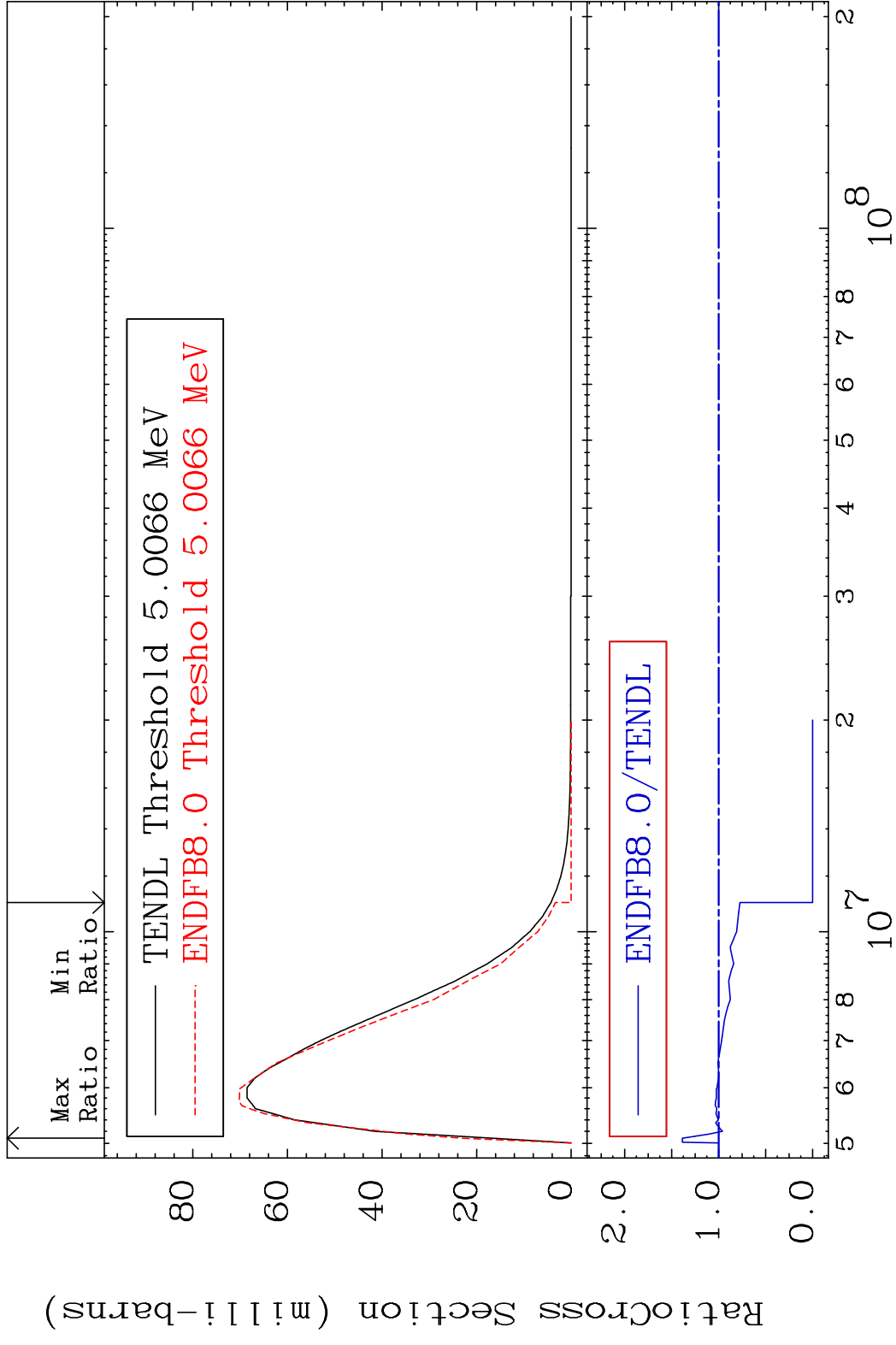
MAT 1831 MT= 57 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 284.6 %



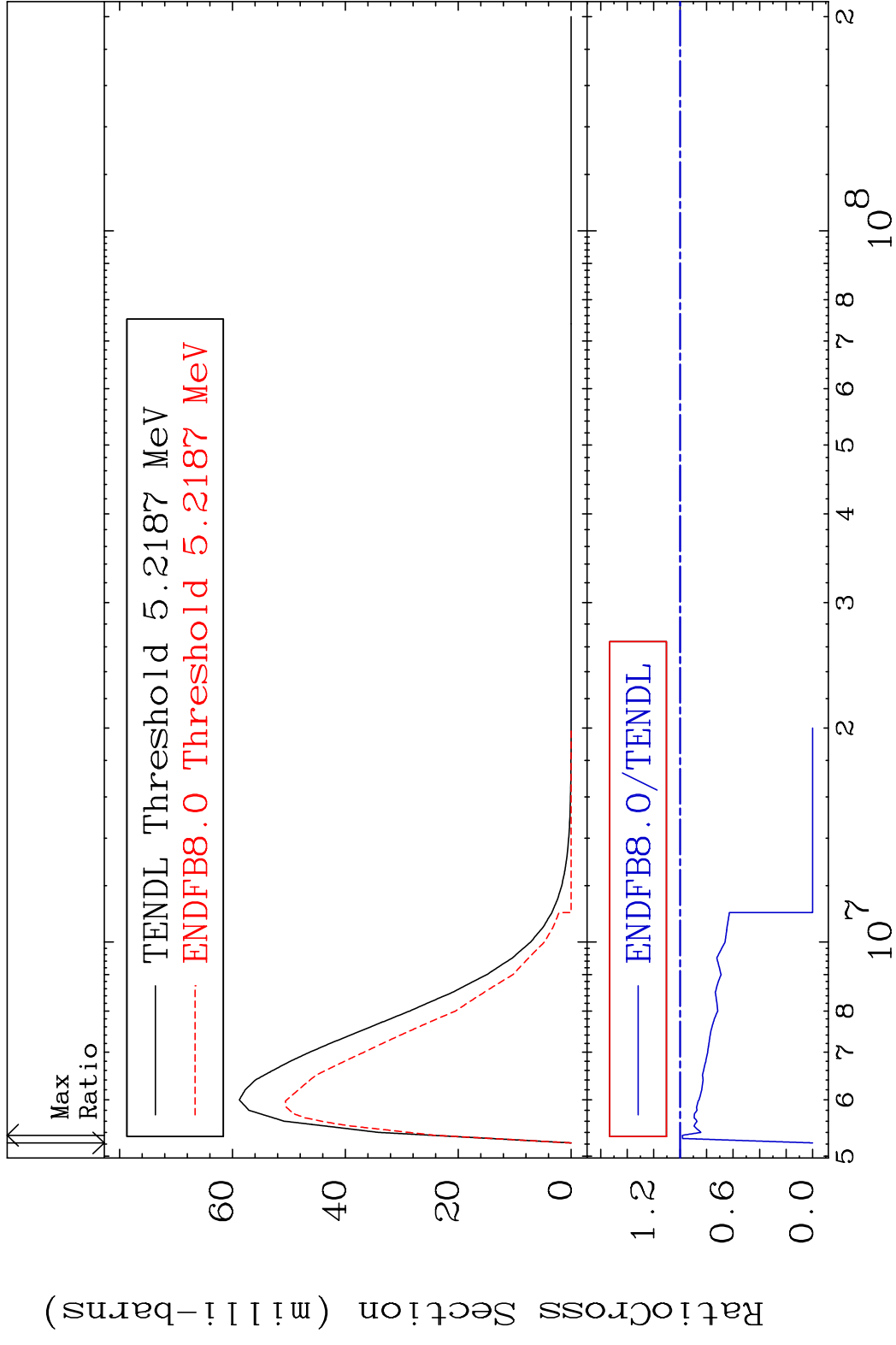
MAT 1831 MT= 58 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 89.39 %



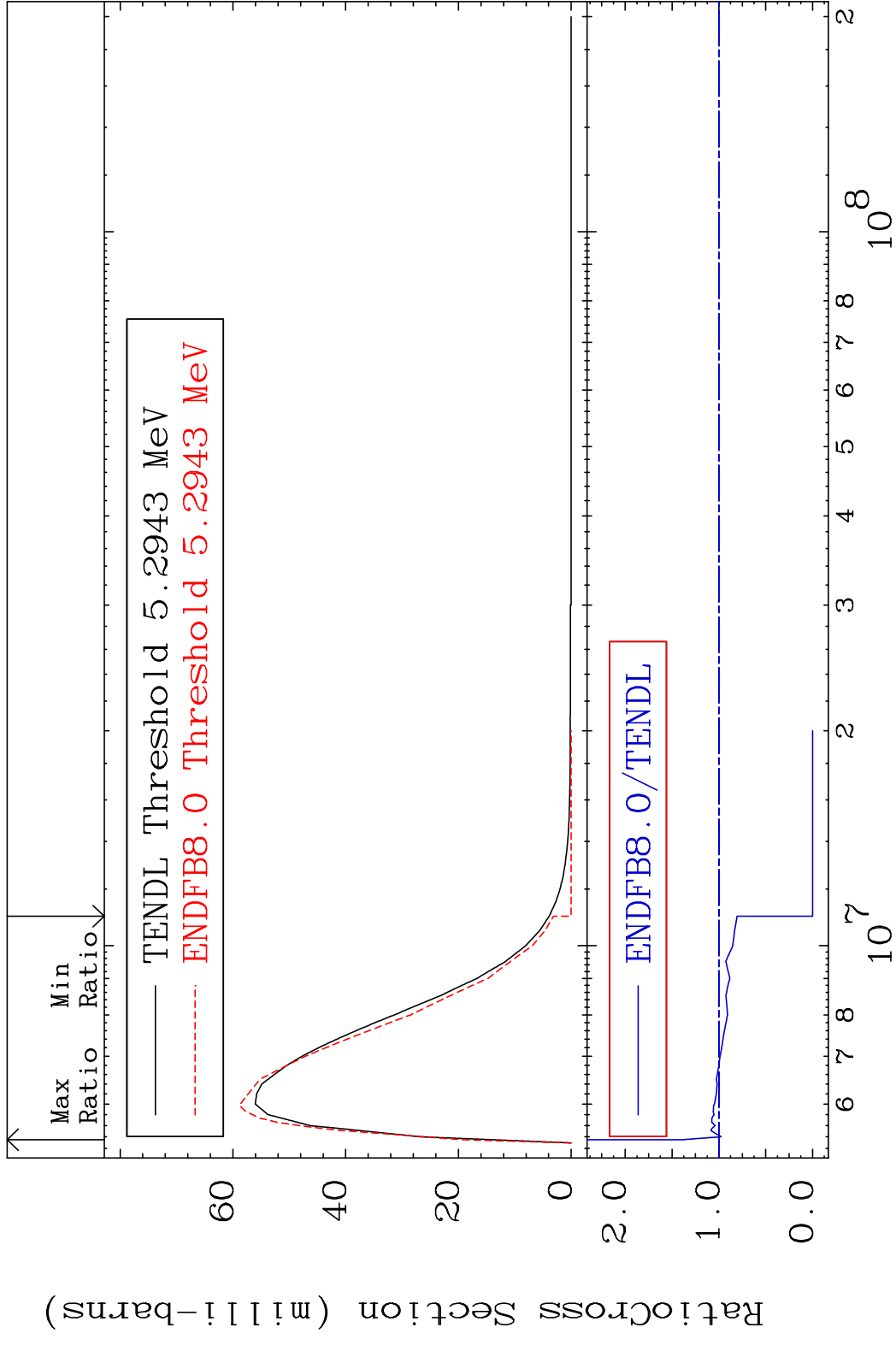
MAT 1831 MT= 59 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 38.60 %



MAT 1831 MT= 60 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To -1.672%

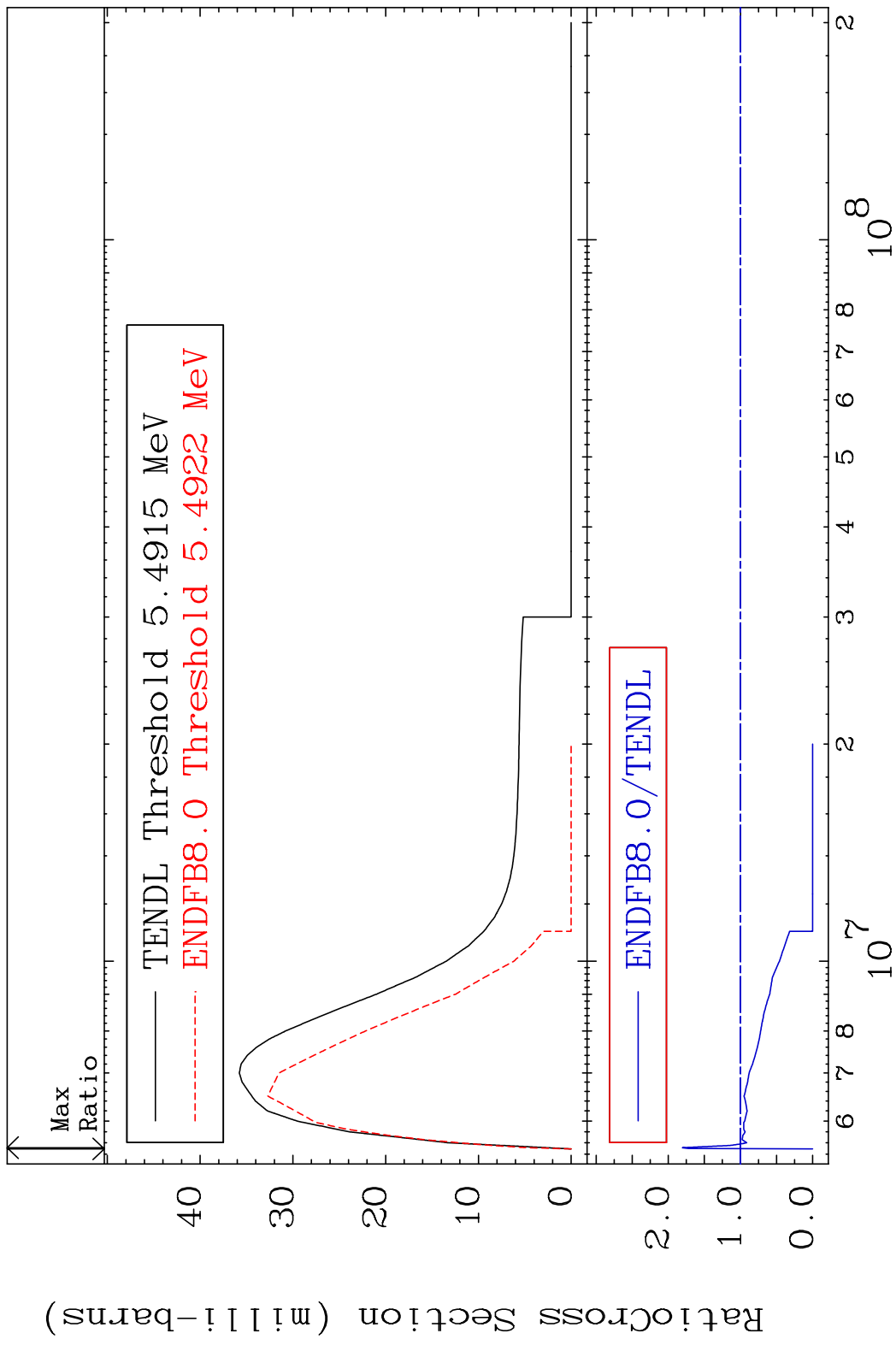


MAT 1831 MT= 61 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 38.98 %

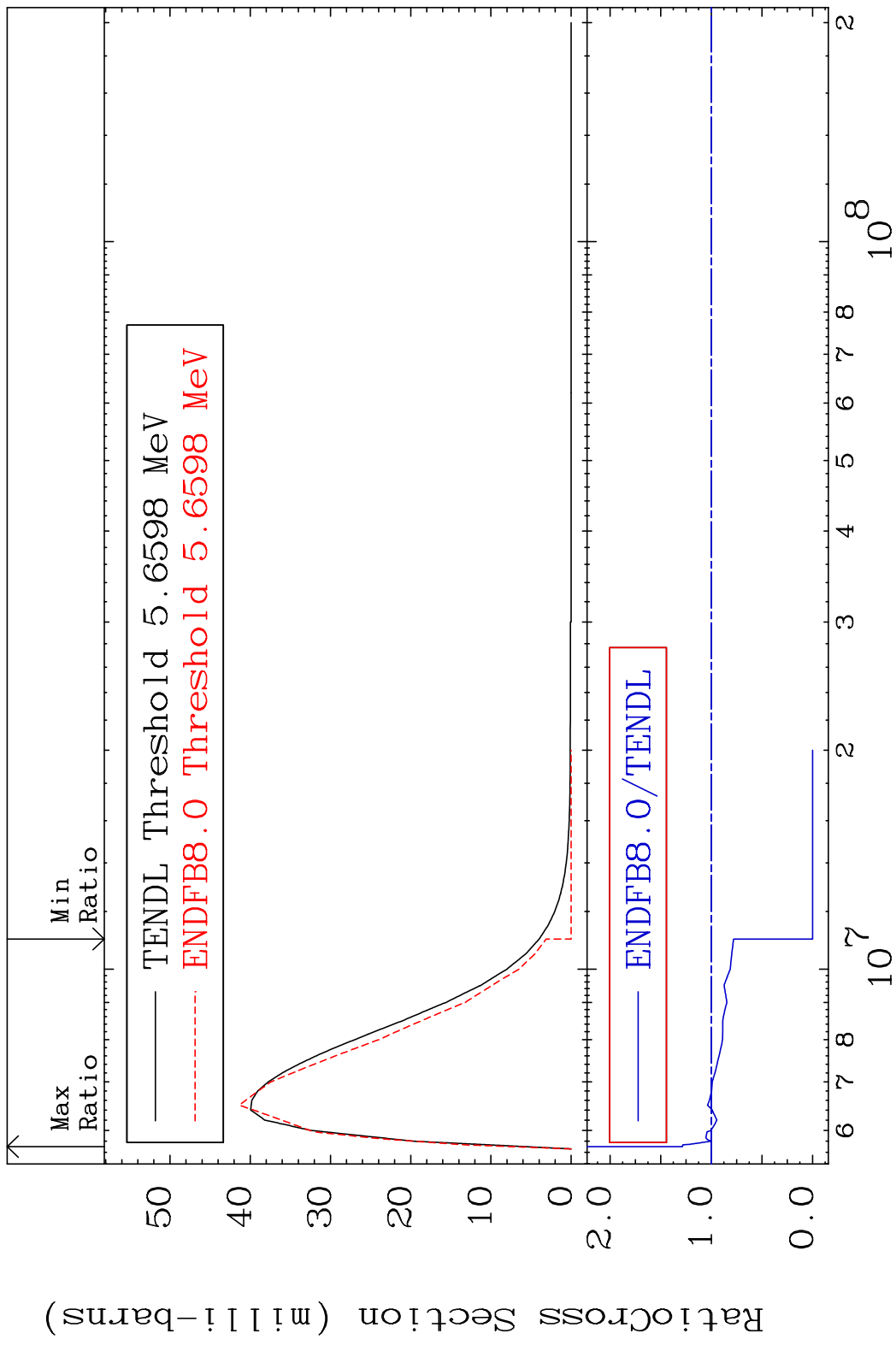


17 18-Ar-38

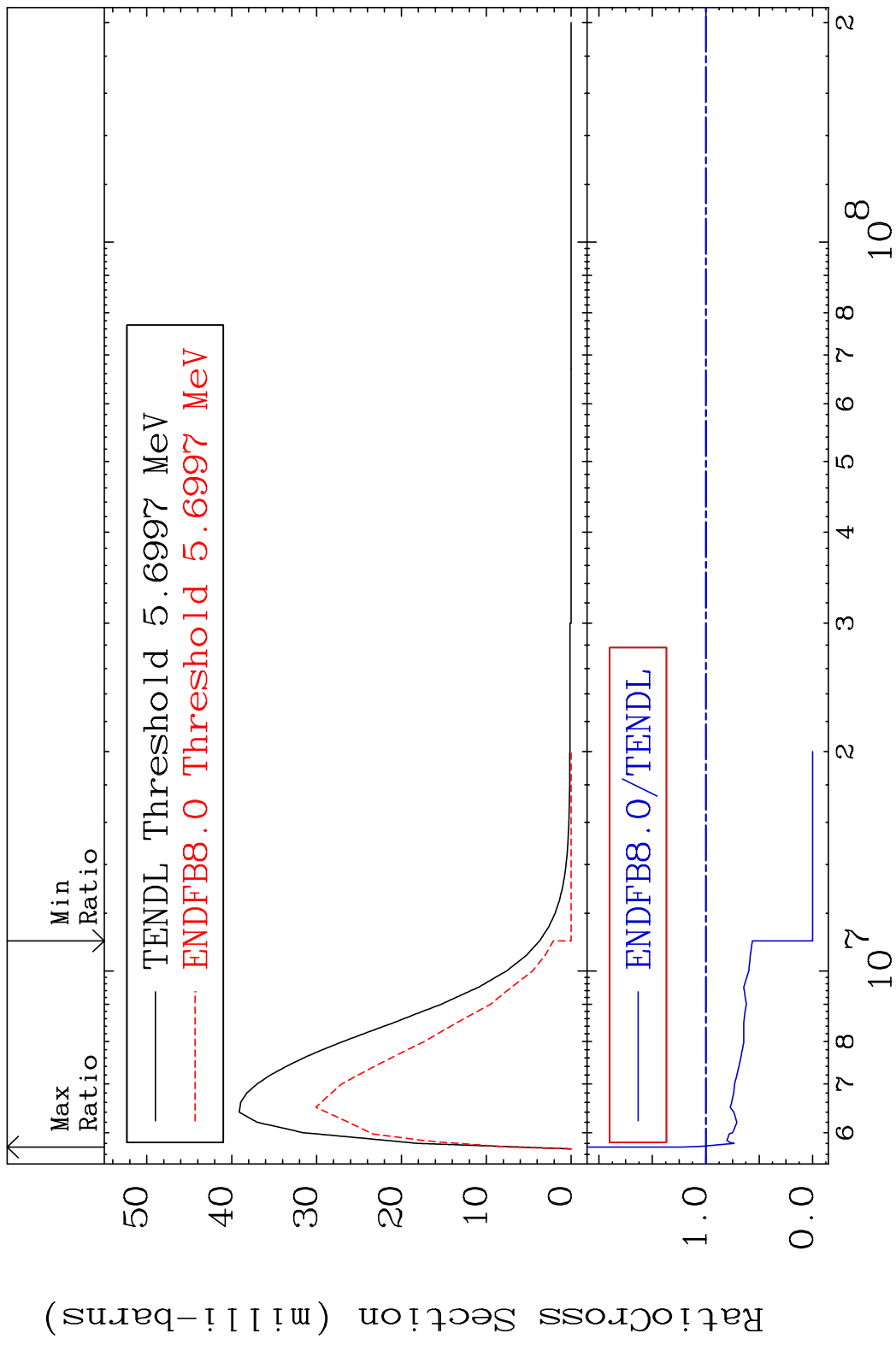
MAT 1831 MT= 62 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 80.53 %



MAT 1831 MT= 63 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 28.62 %

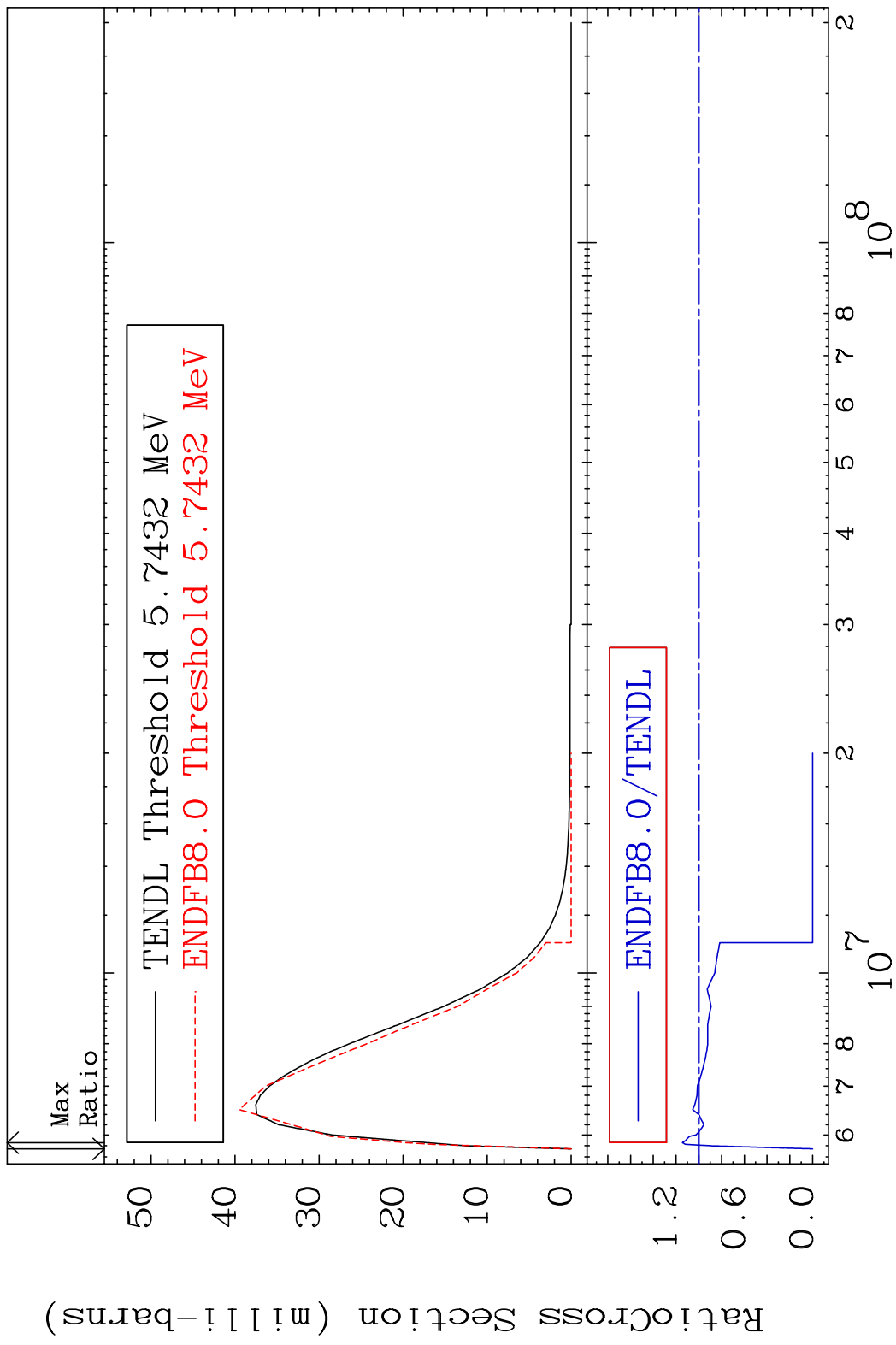


MAT 1831 MT= 64 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 21.94 %

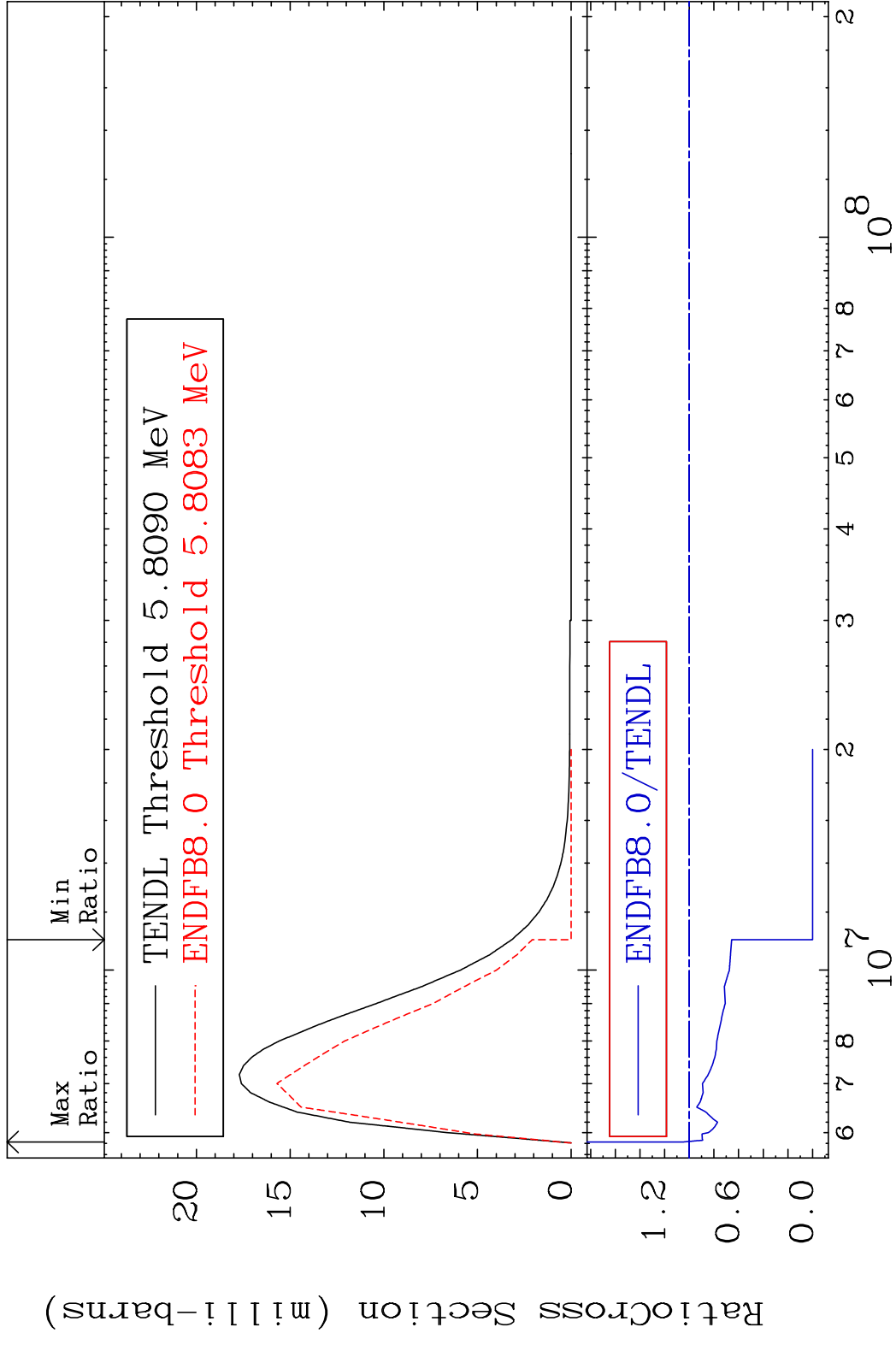


20 Incident Energy (eV) 18-Ar-38

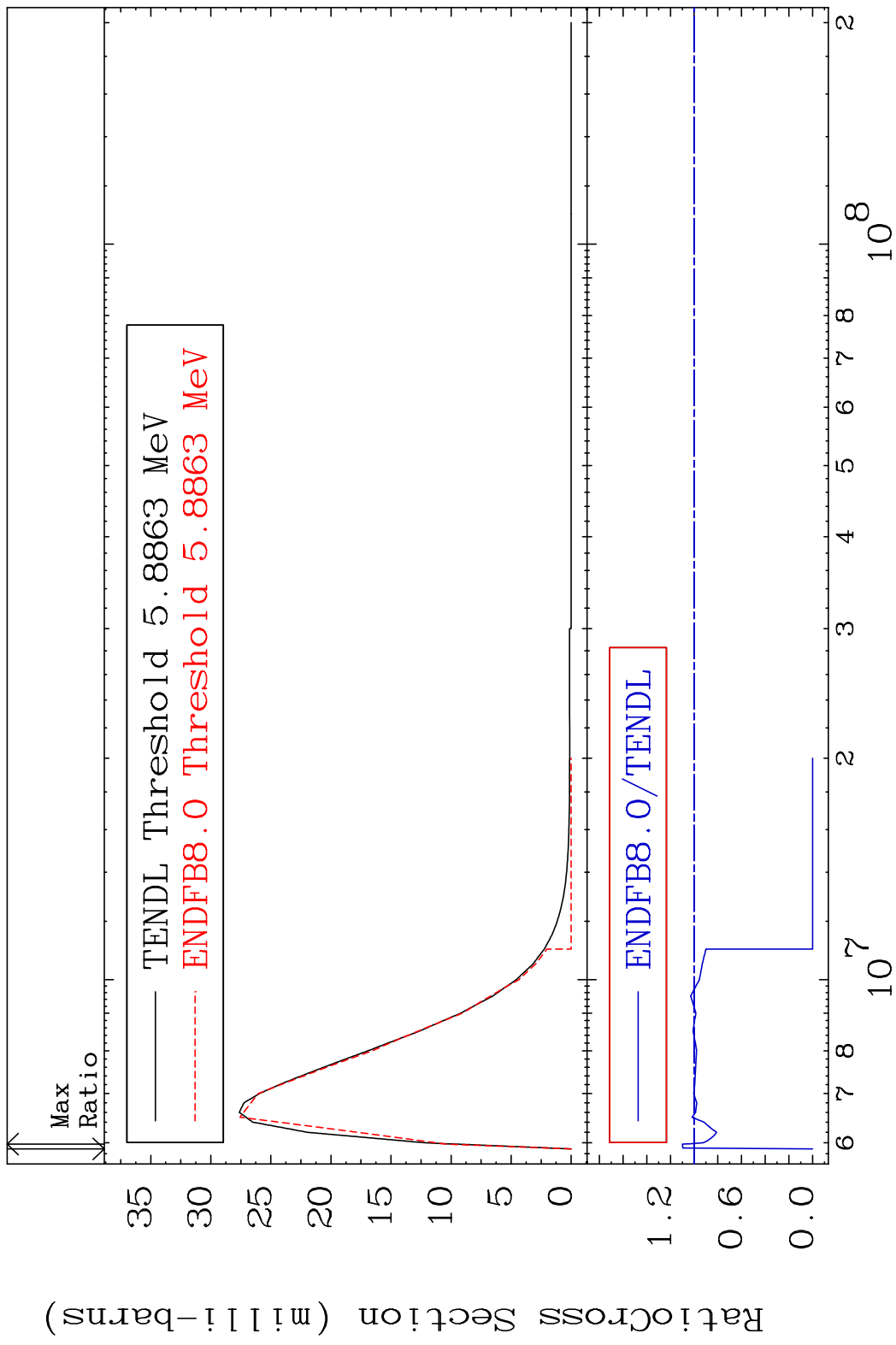
MAT 1831 MT= 65 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 14.47 %



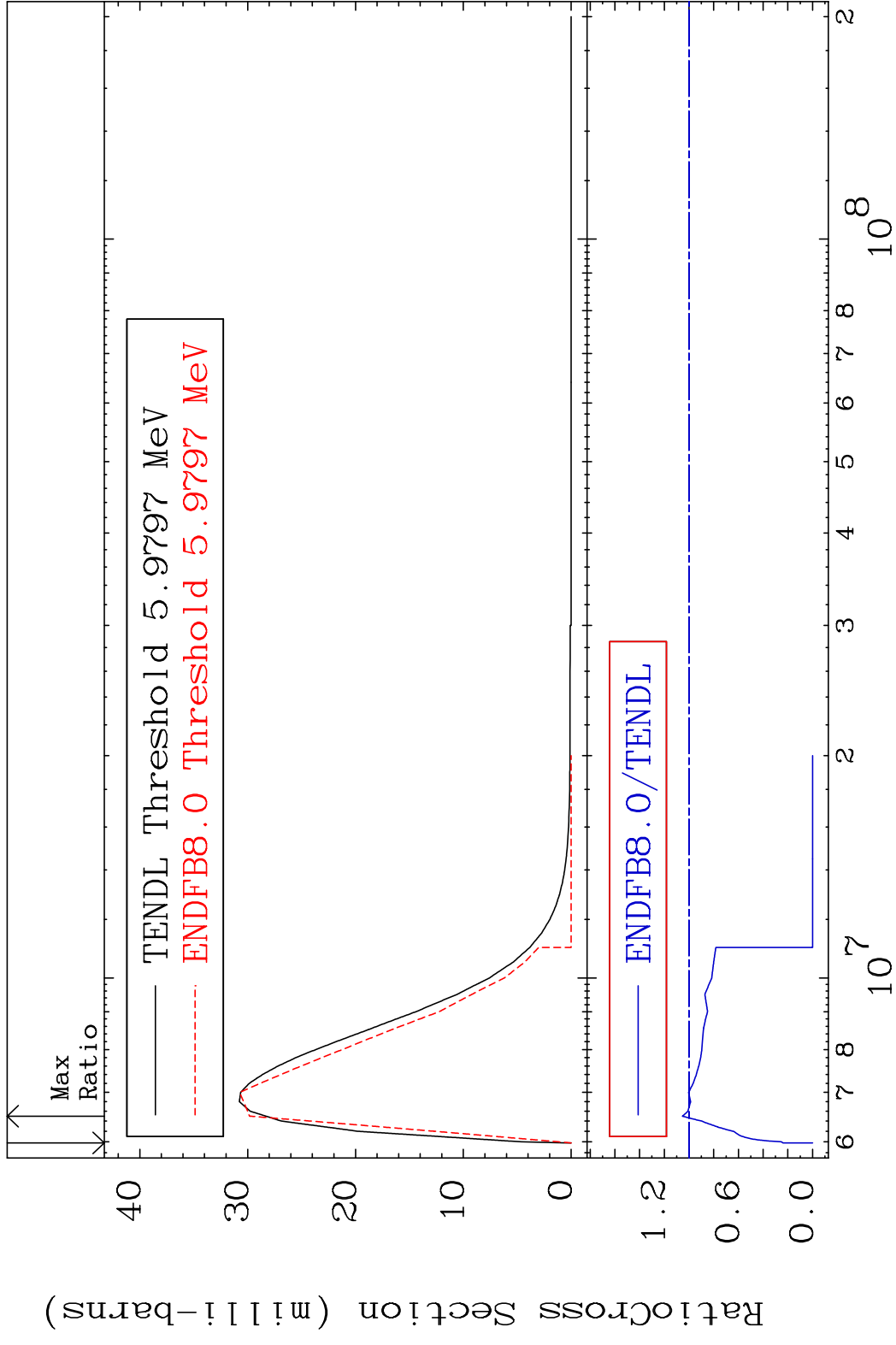
MAT 1831 MT= 66 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 5.595 %



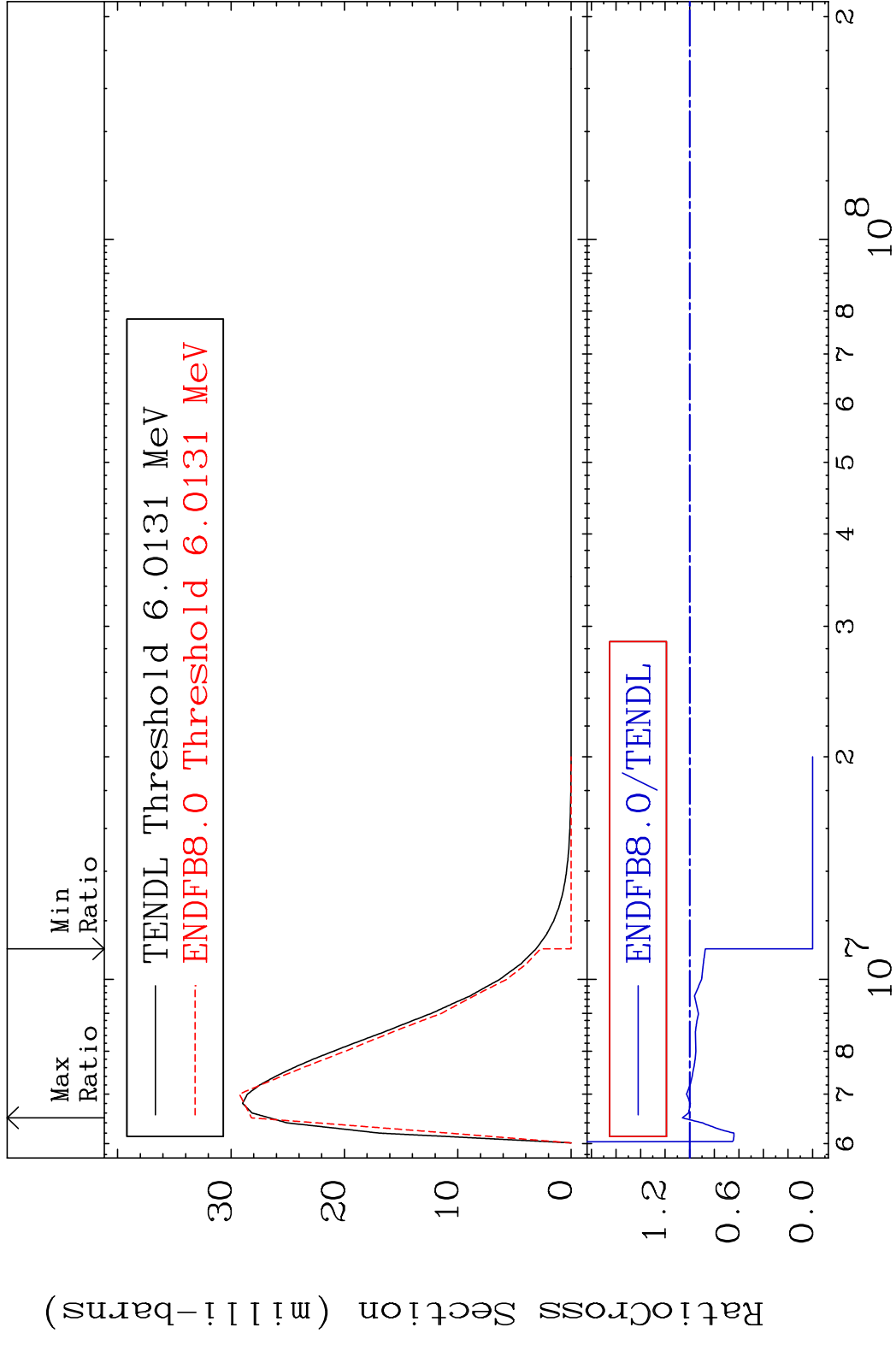
MAT 1831 MT= 67 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 9.941 %



MAT 1831 MT= 68 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 5.375 %



MAT 1831 MT= 69 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 5.971 %

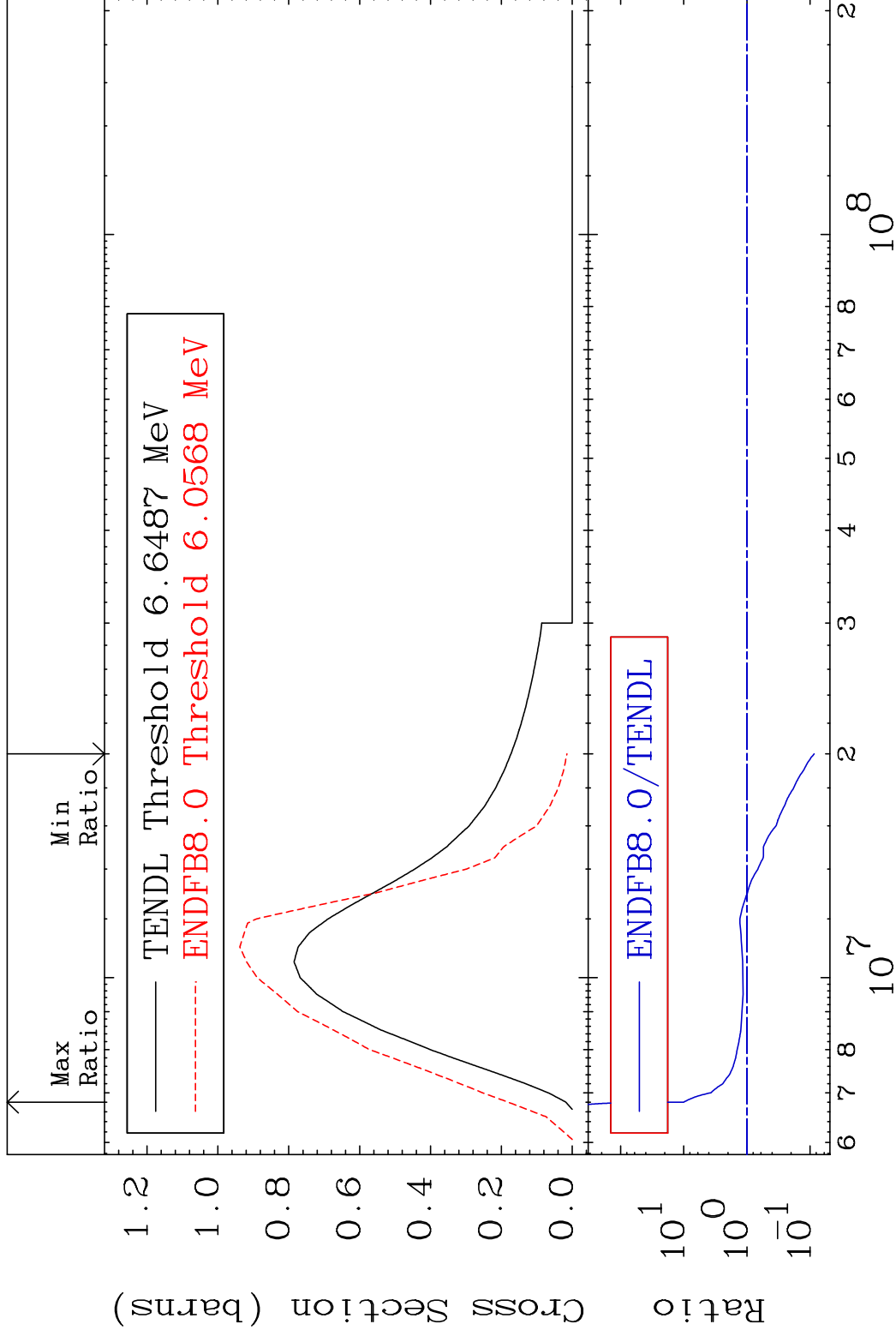


MAT 1831

(n, n') Continuum

18-Ar-38

Cross Section -91.35 To 904.8 %



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Incident Energy (eV)

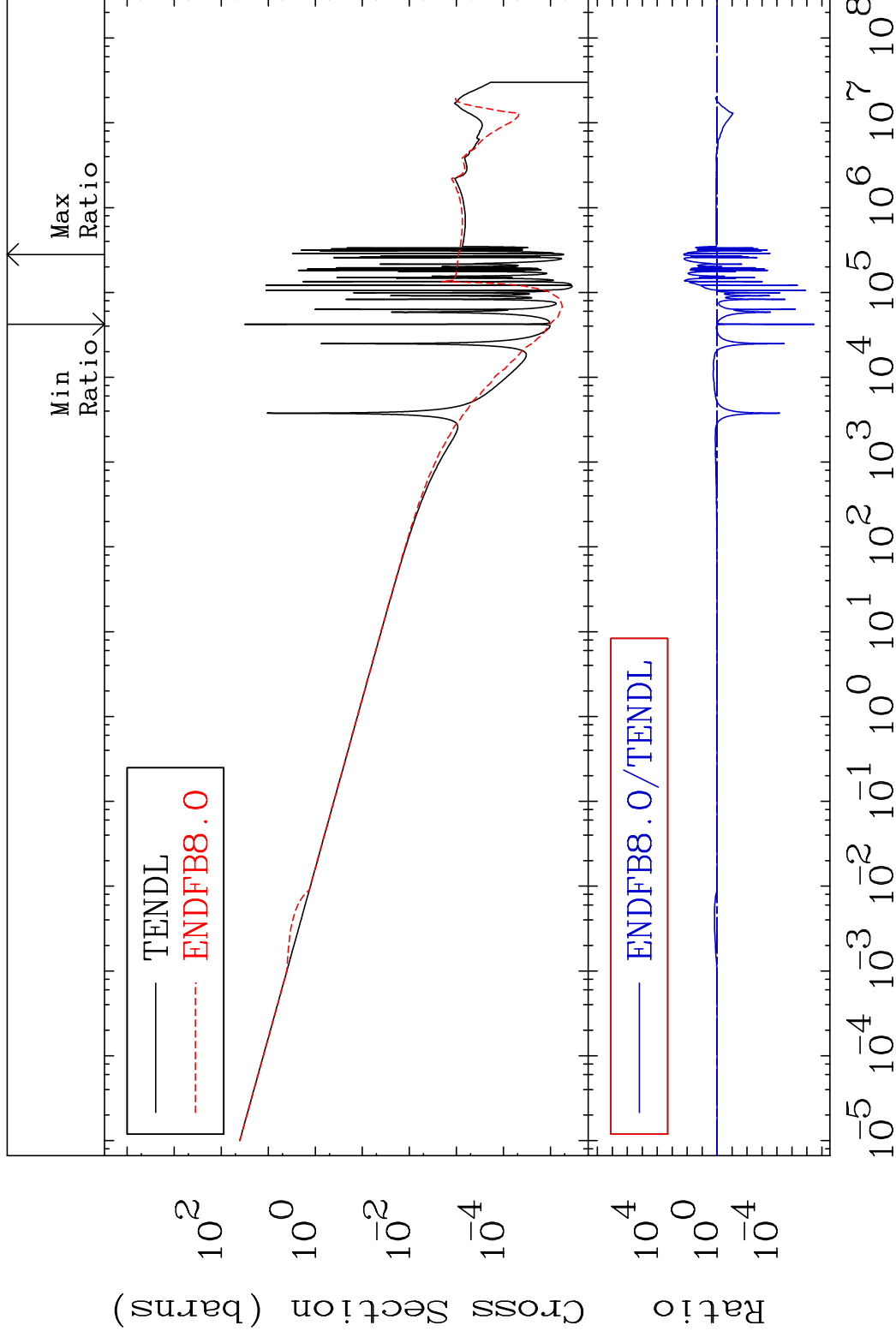
18-Ar-38

MAT 1831

(n,  $\gamma$ )

18-Ar-38

Cross Section -100.0 To 9999. %

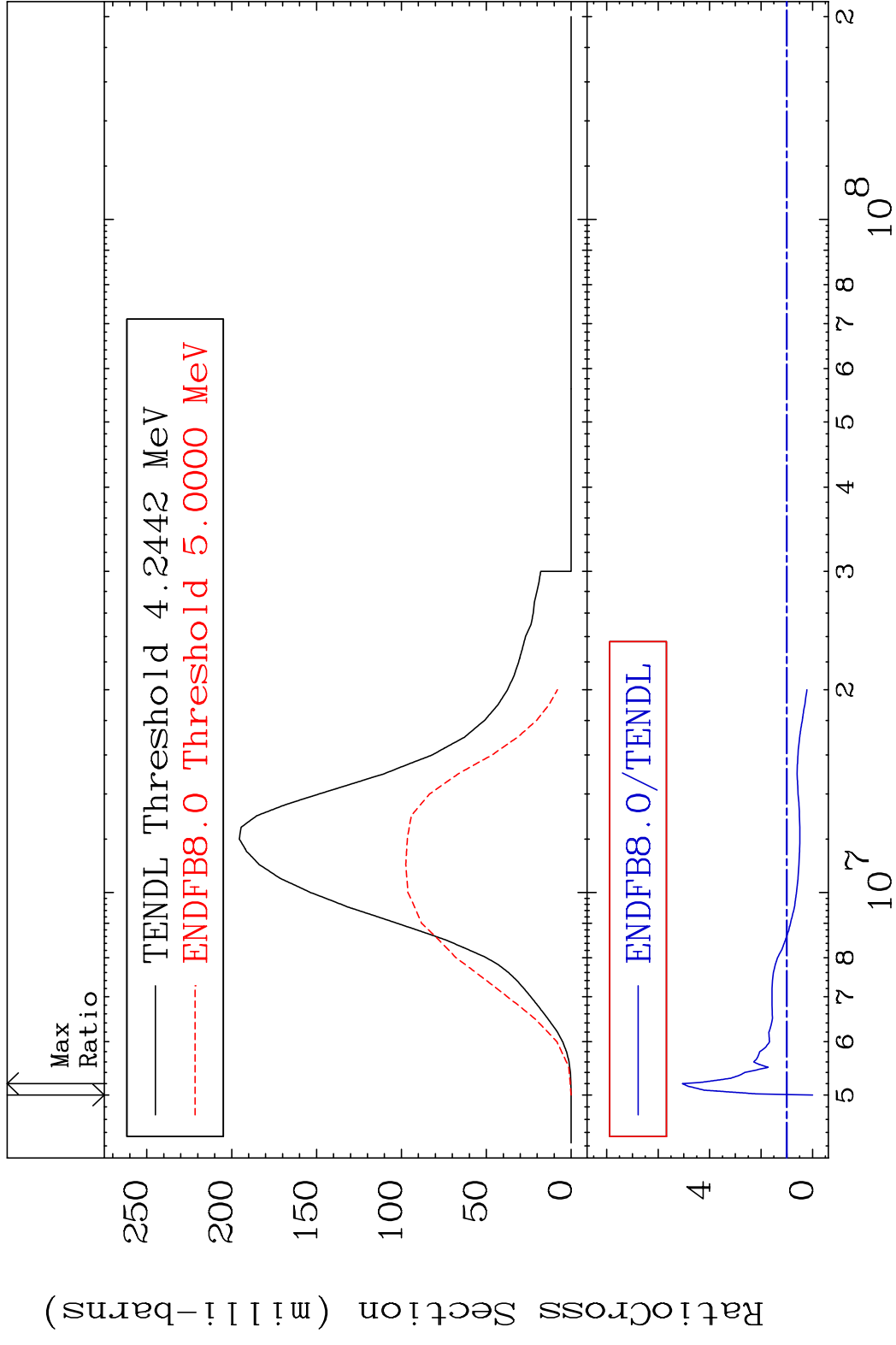


27

Incident Energy (eV)

18-Ar-38

MAT 1831 (n,p) 18-Ar-38  
 Cross Section -100.0 To 405.9 %

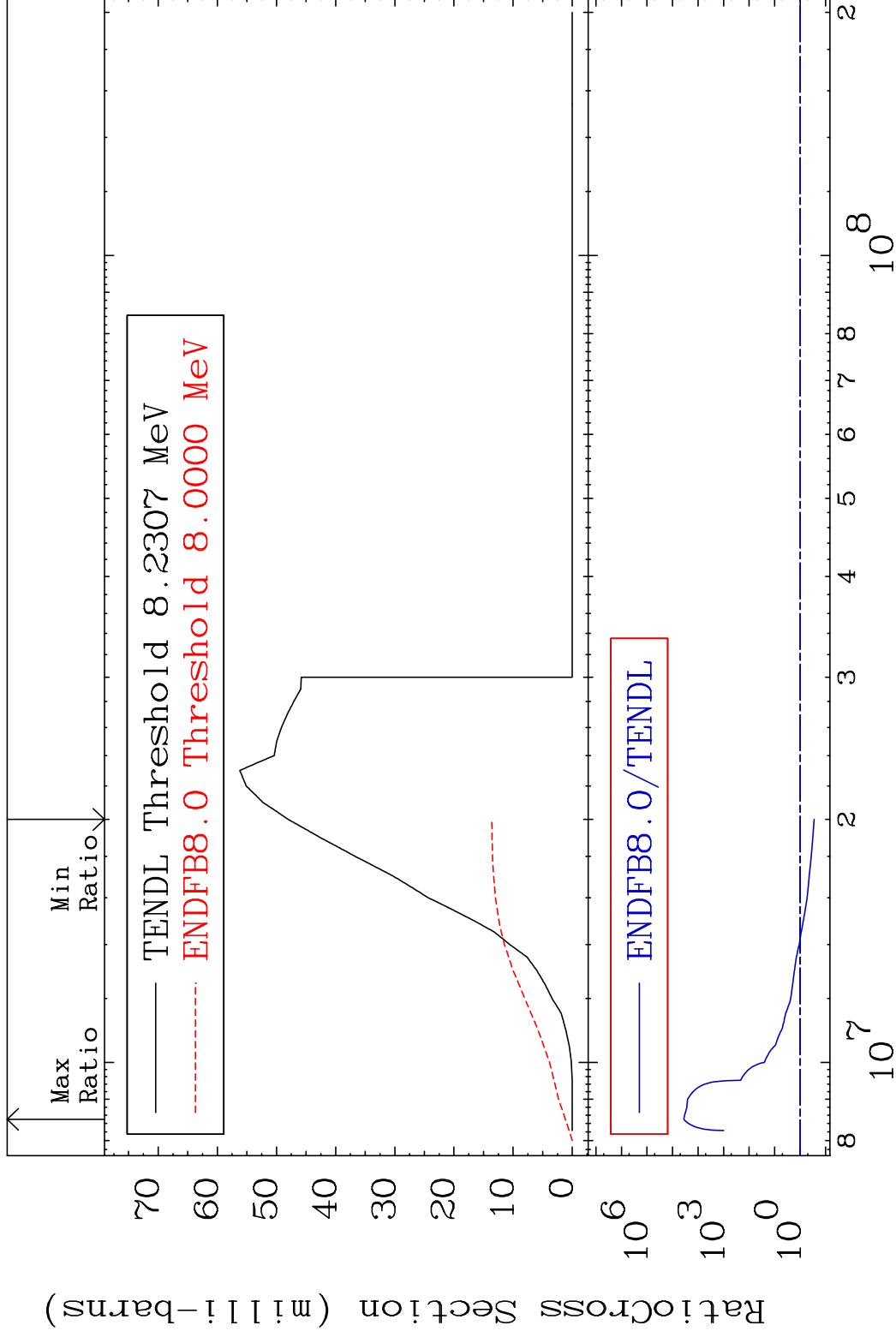


MAT 1831

(n,d)

18-Ar-38

Cross Section -71.67 To 9999. %

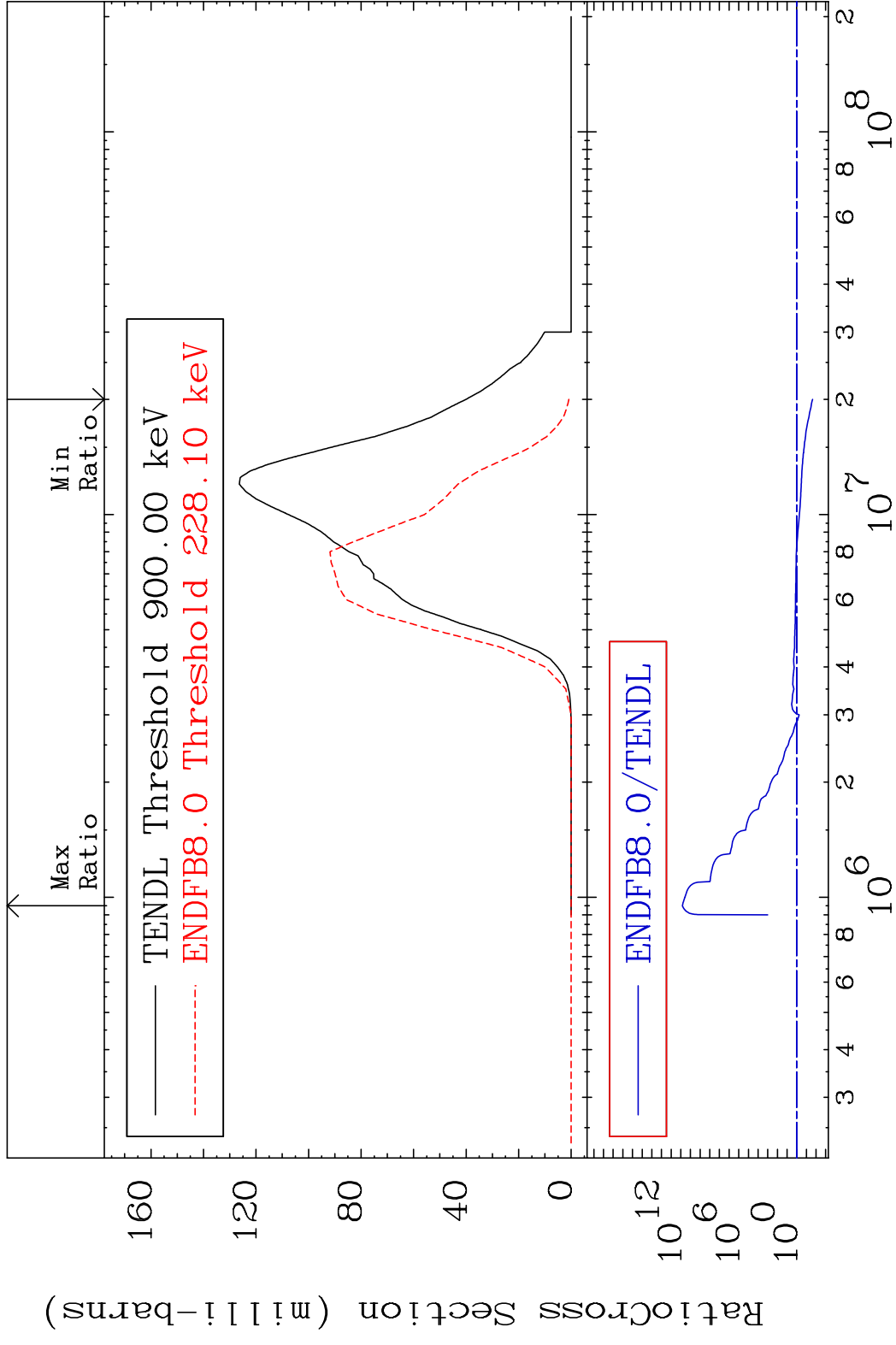


29

Incident Energy (eV)

18-Ar-38

MAT 1831 (n,  $\alpha$ ) 18-Ar-38  
 Cross Section -97.70 To 9999. %

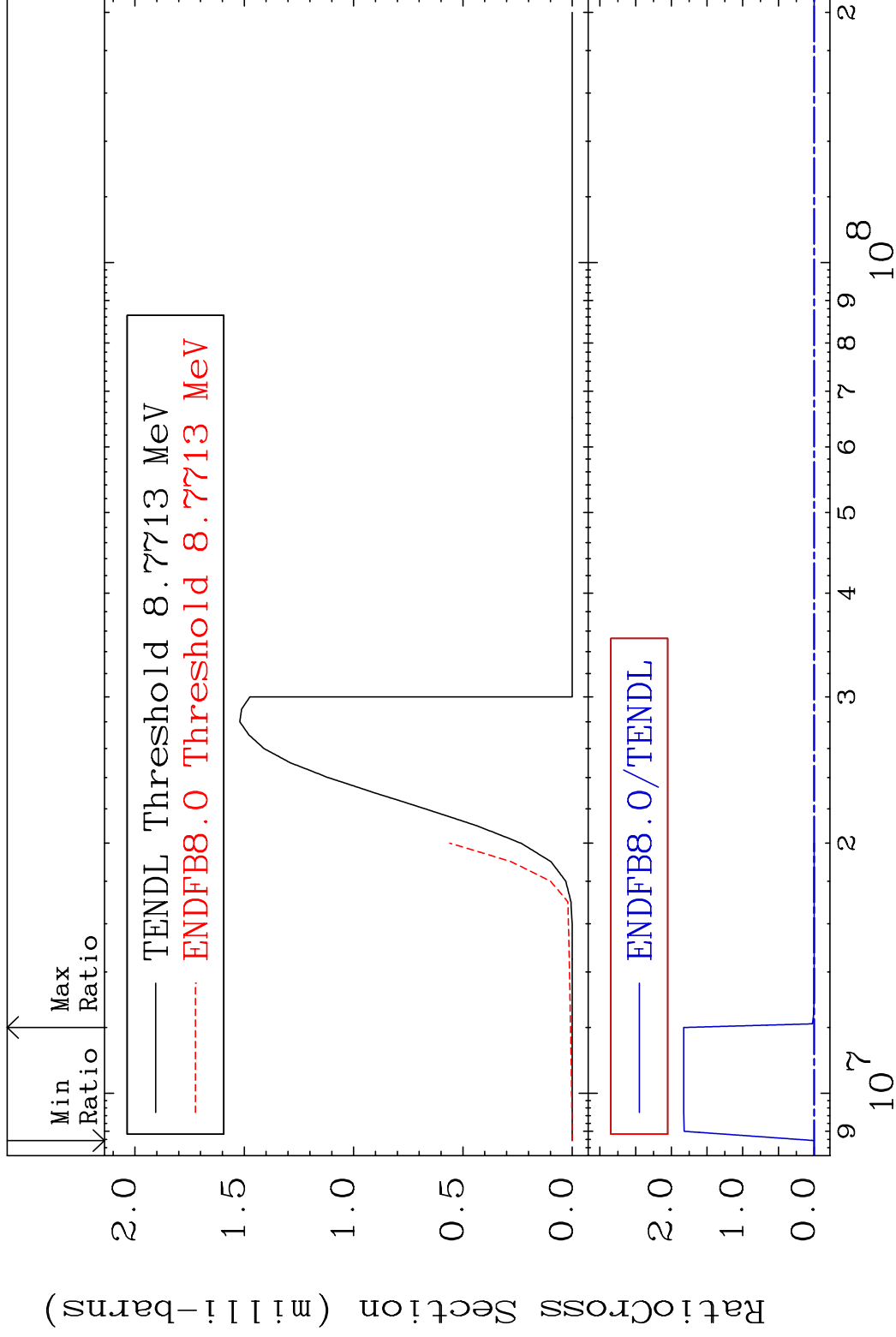


MAT 1831

(n,2α)

18-Ar-38

Cross Section -100.0 To 9999. %

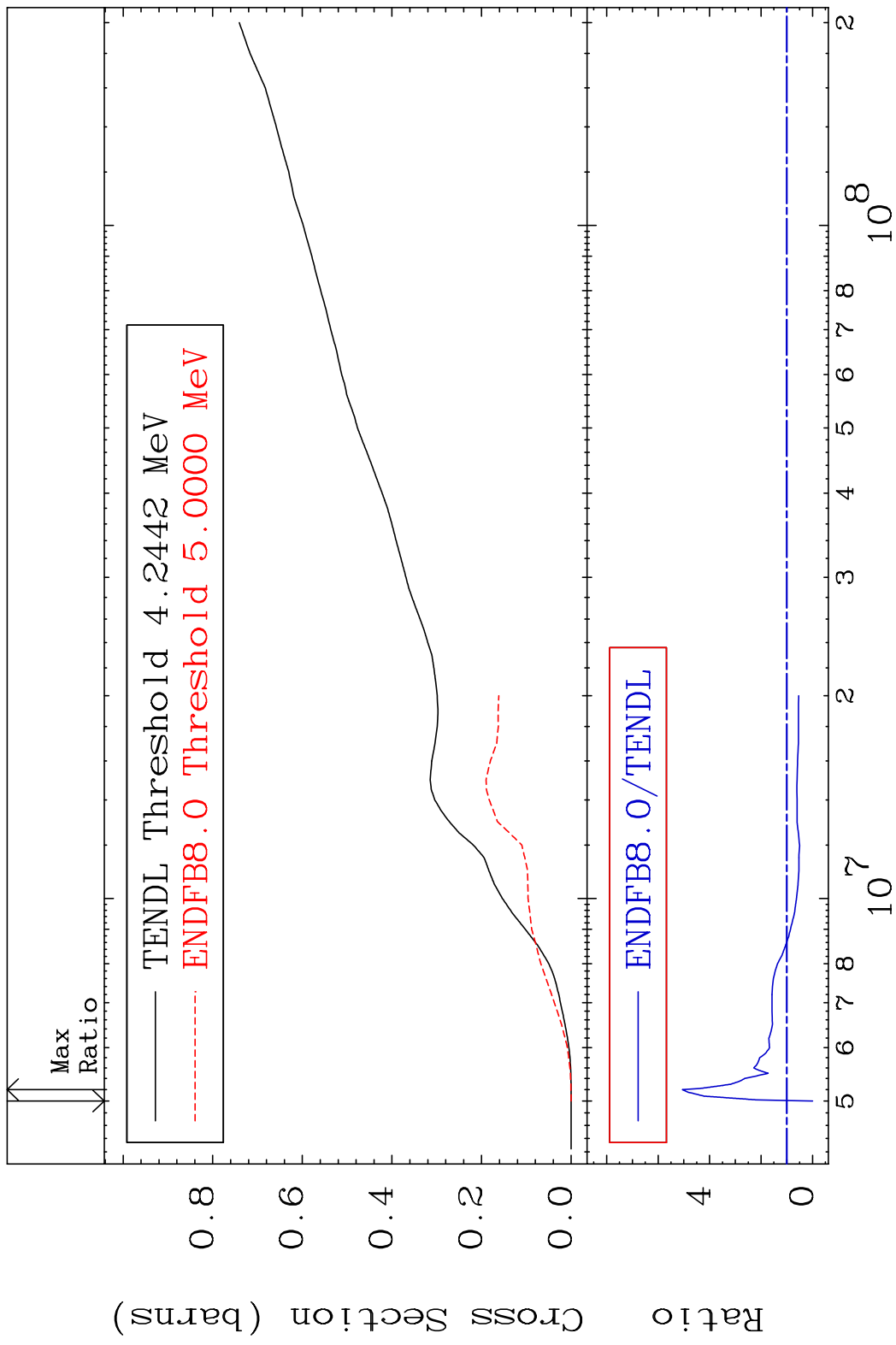


31

Incident Energy (eV)

18-Ar-38

MAT 1831 Hydrogen Production 18-Ar-38  
 Cross Section -100.0 To 405.9 %

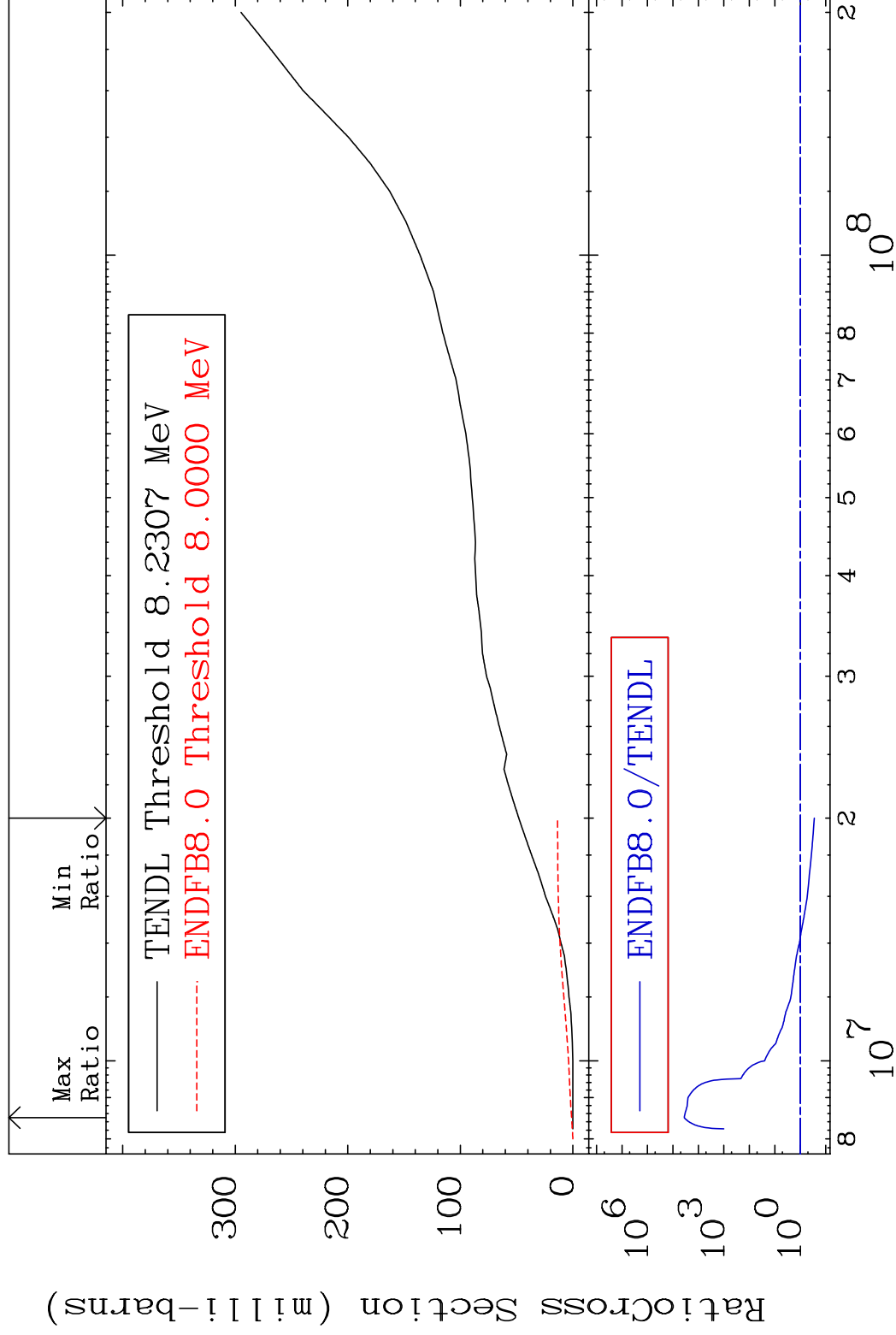


MAT 1831

Deuterium Production

18-Ar-38

Cross Section -71.71 To 9999. %



33

Incident Energy (eV)

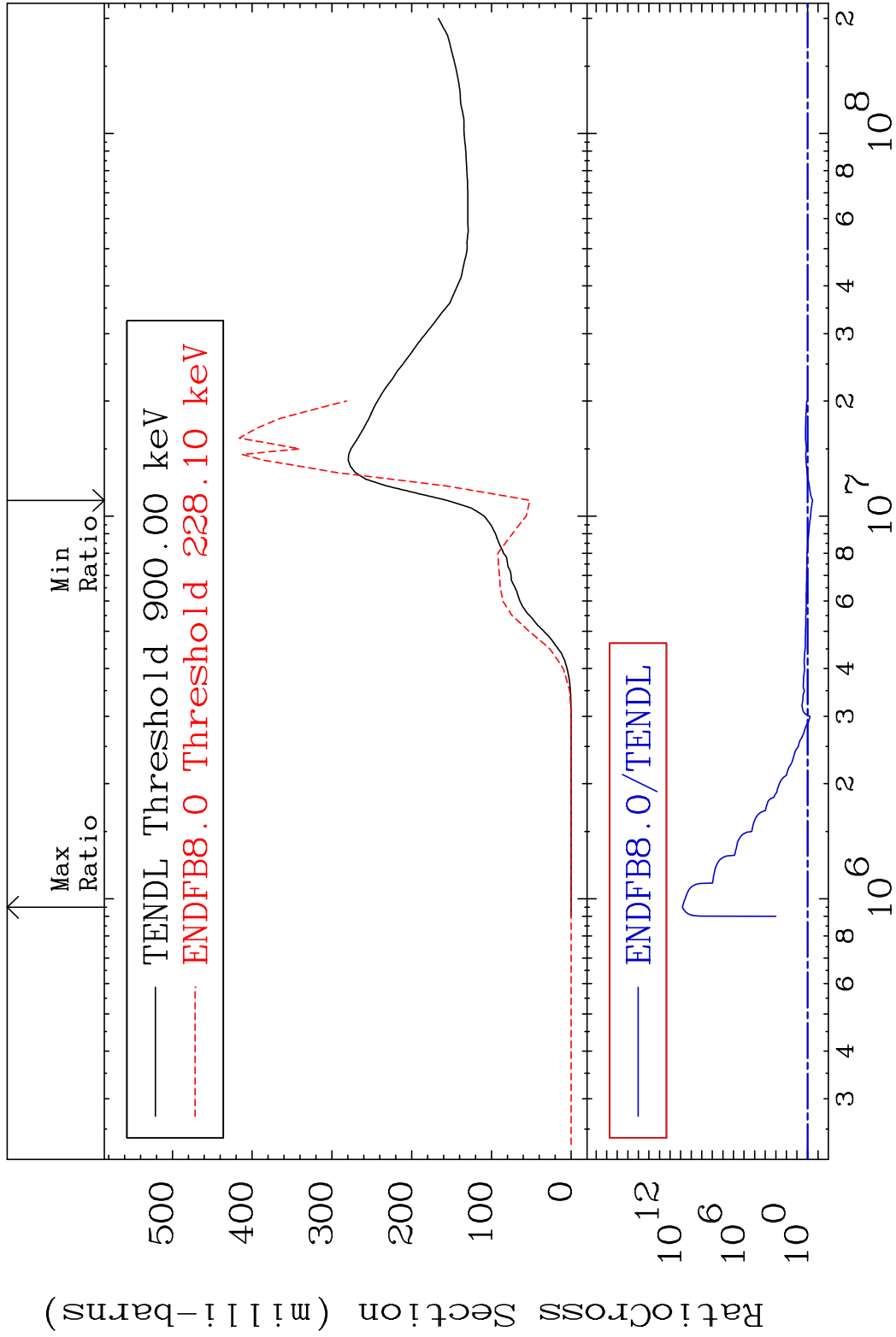
18-Ar-38

MAT 1831

He-4 Production

18-Ar-38

Cross Section -66.80 To 9999. %

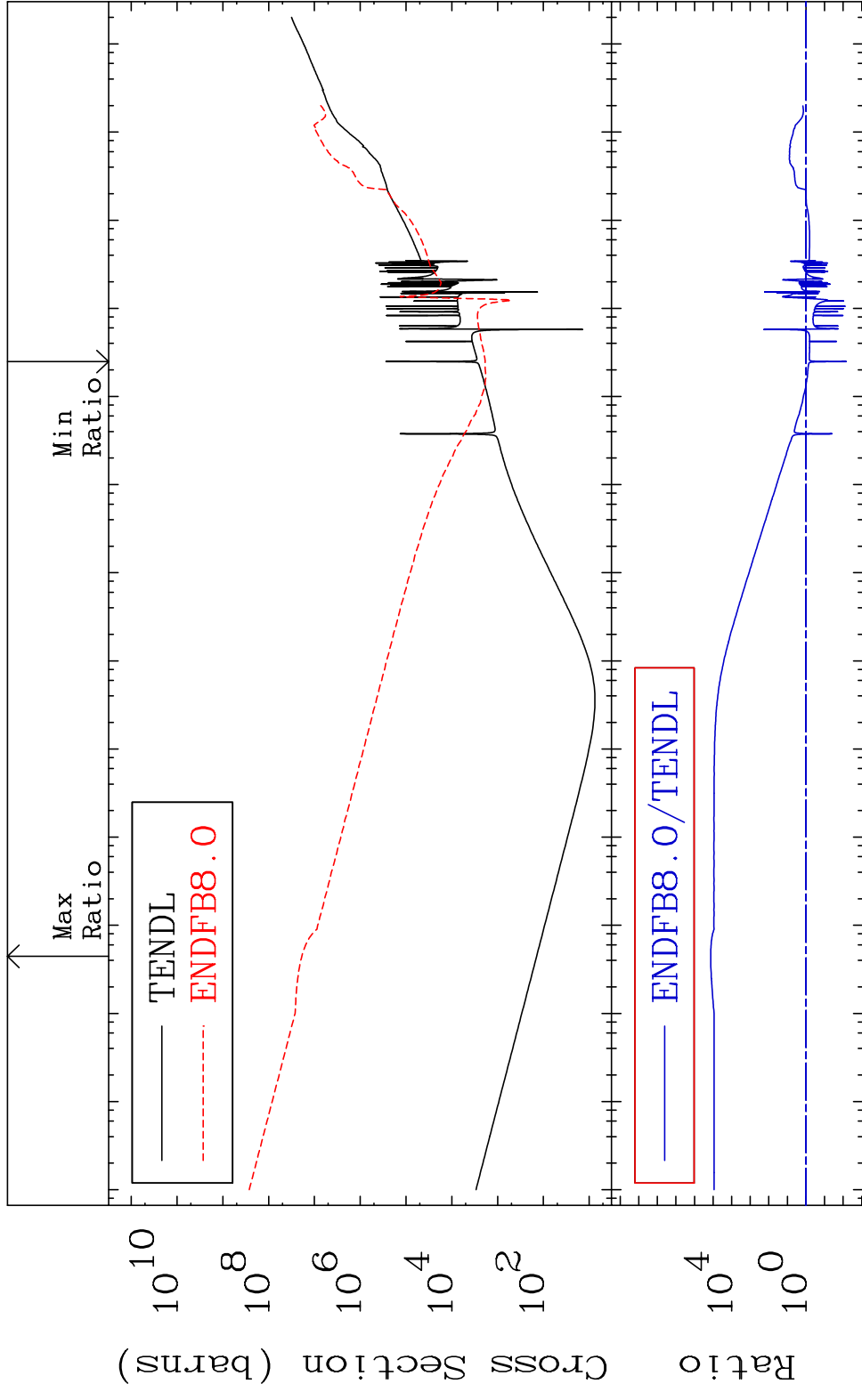


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Incident Energy (eV)

18-Ar-38

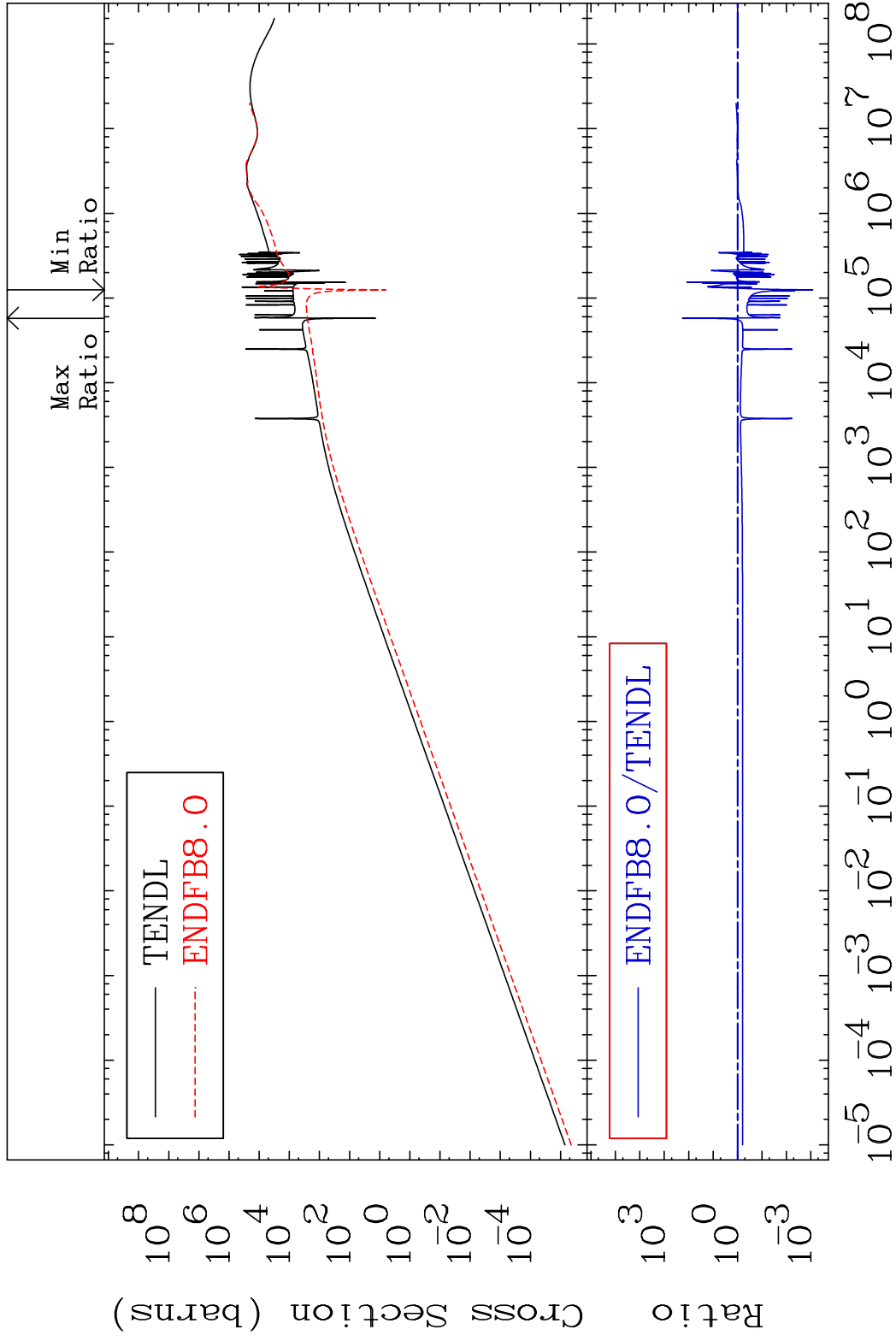
MAT 1831 Kerma total (eV-barns) 18-Ar-38  
 Cross Section -99.33 To 9999. %



MAT 1831

Kerma elastic  
Cross Section

18-Ar-38  
-99.92 To 9999. %

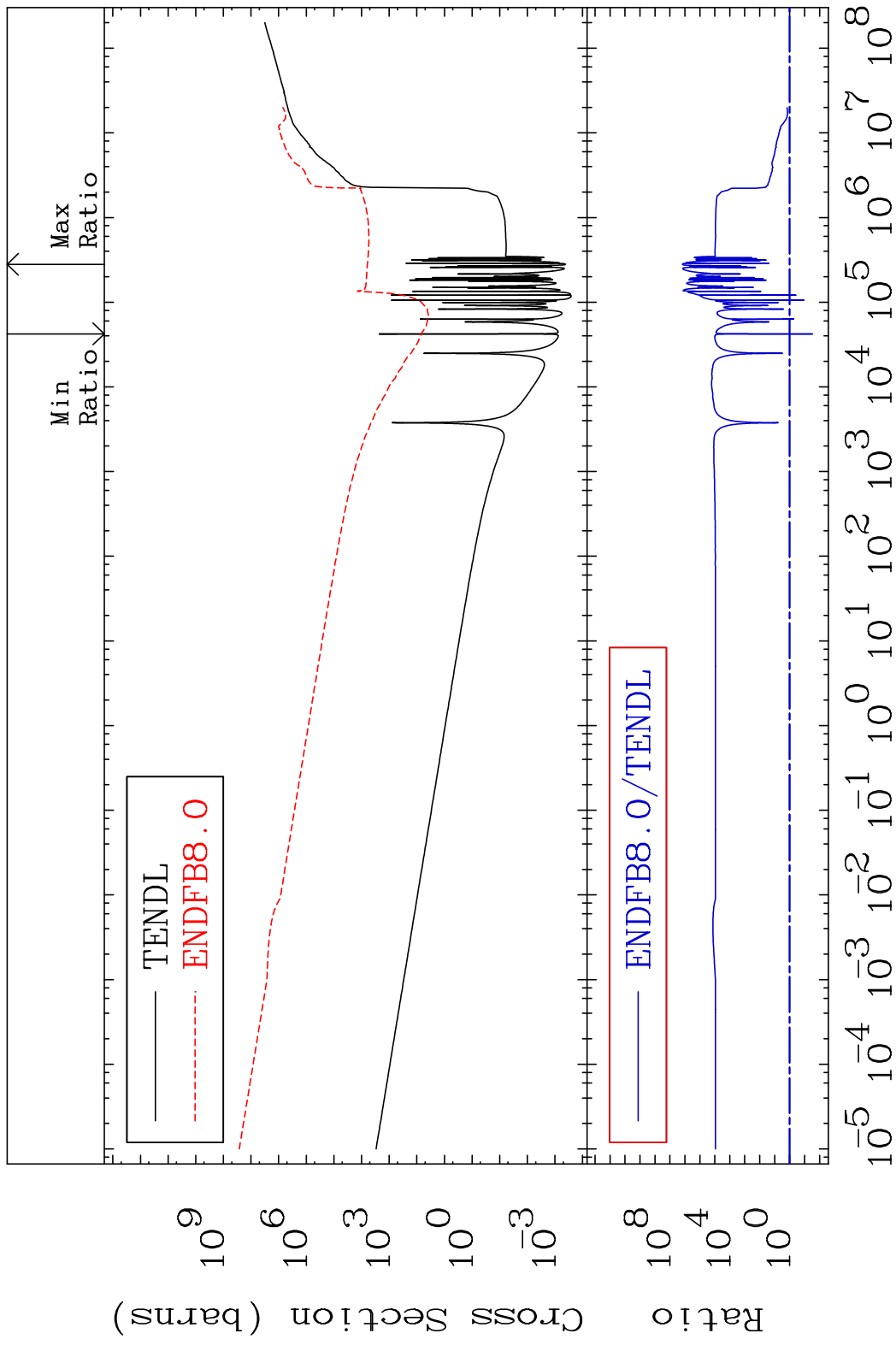


36

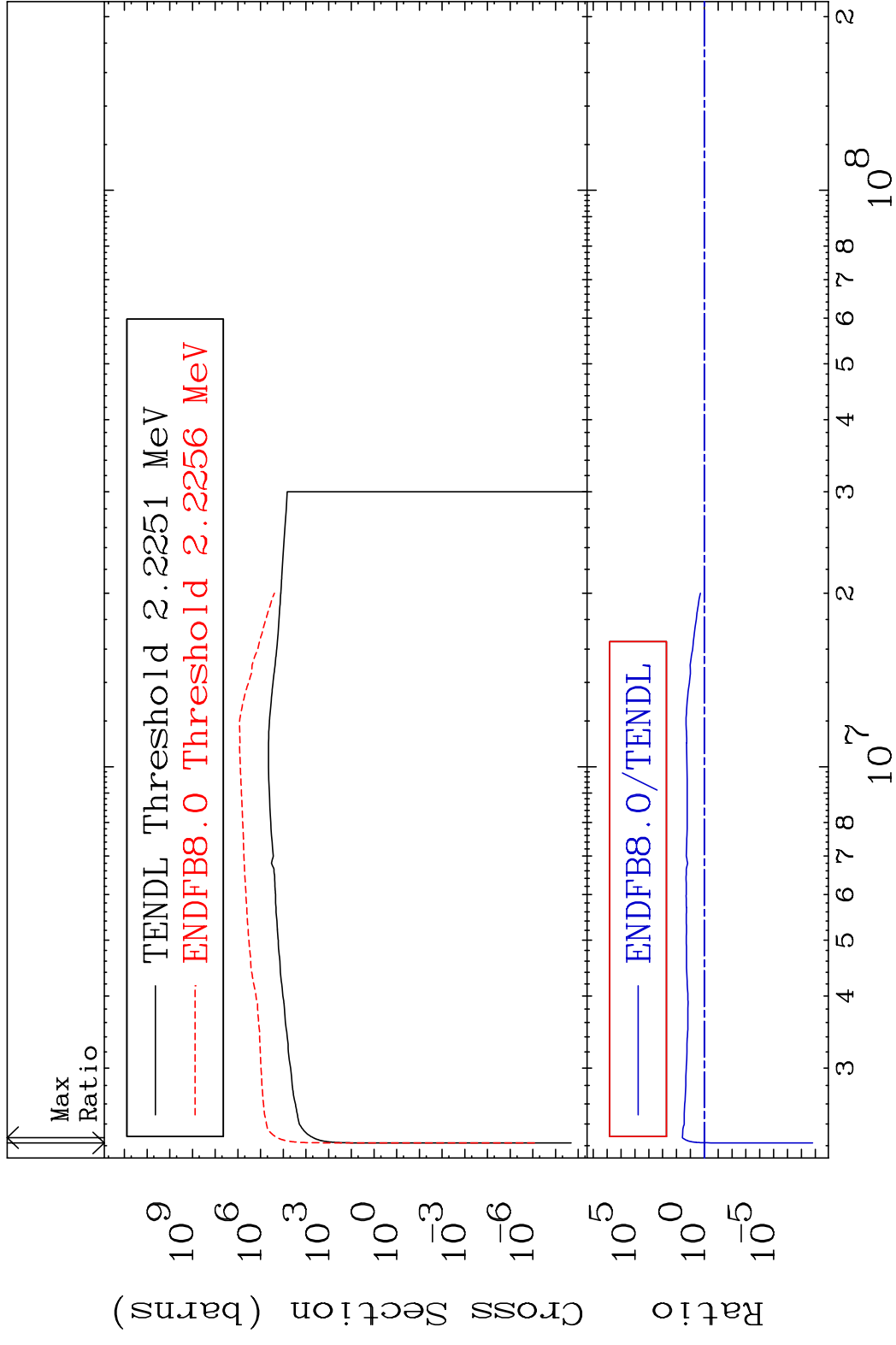
Incident Energy (eV)

18-Ar-38

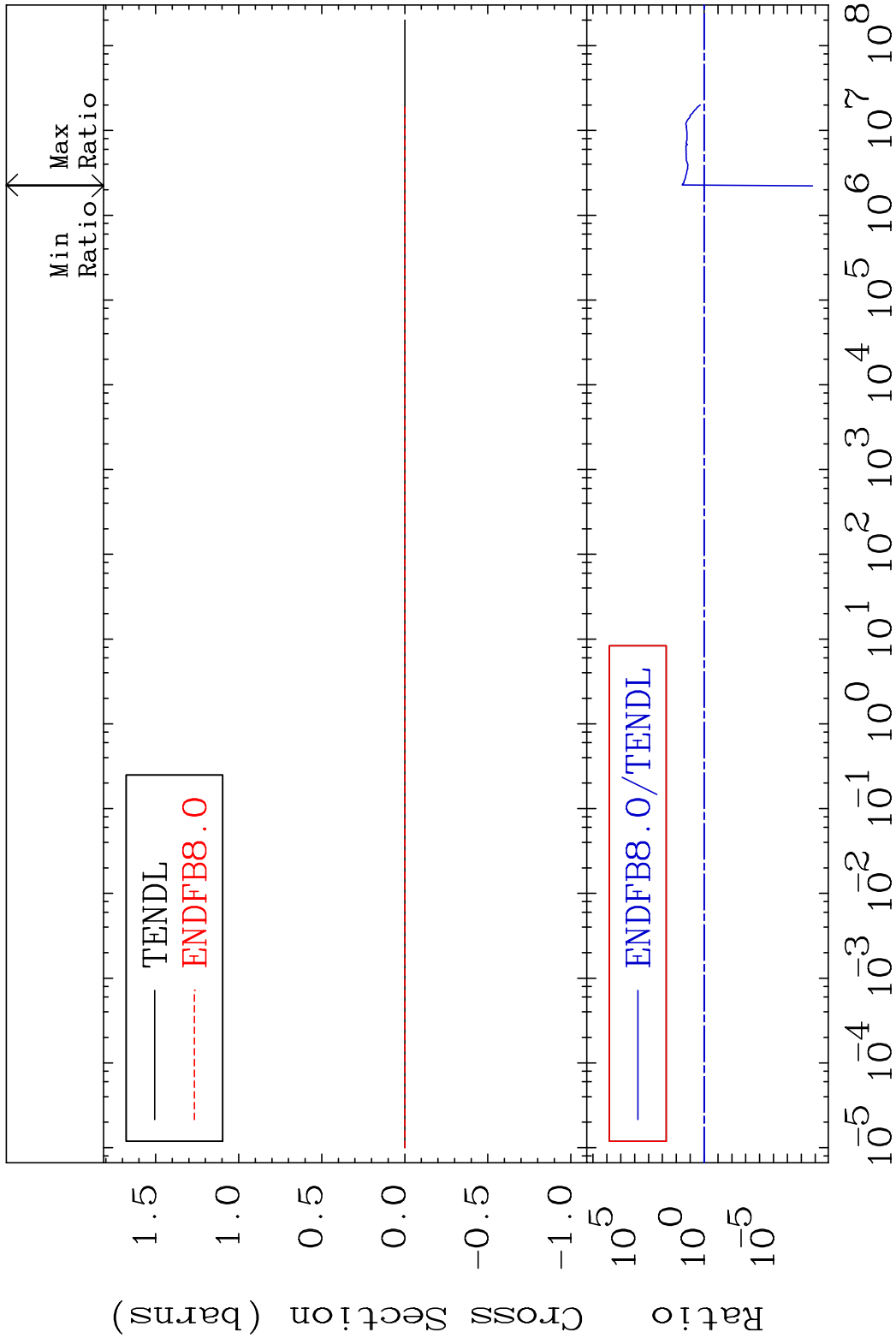
MAT 1831 Kerma non-elastic (all but mt2) 18-Ar-38  
 Cross Section -97.05 To 9999. %



MAT 1831 Kerma inelastic (mt51-91) 18-Ar-38  
 Cross Section -100.0 To 3689. %



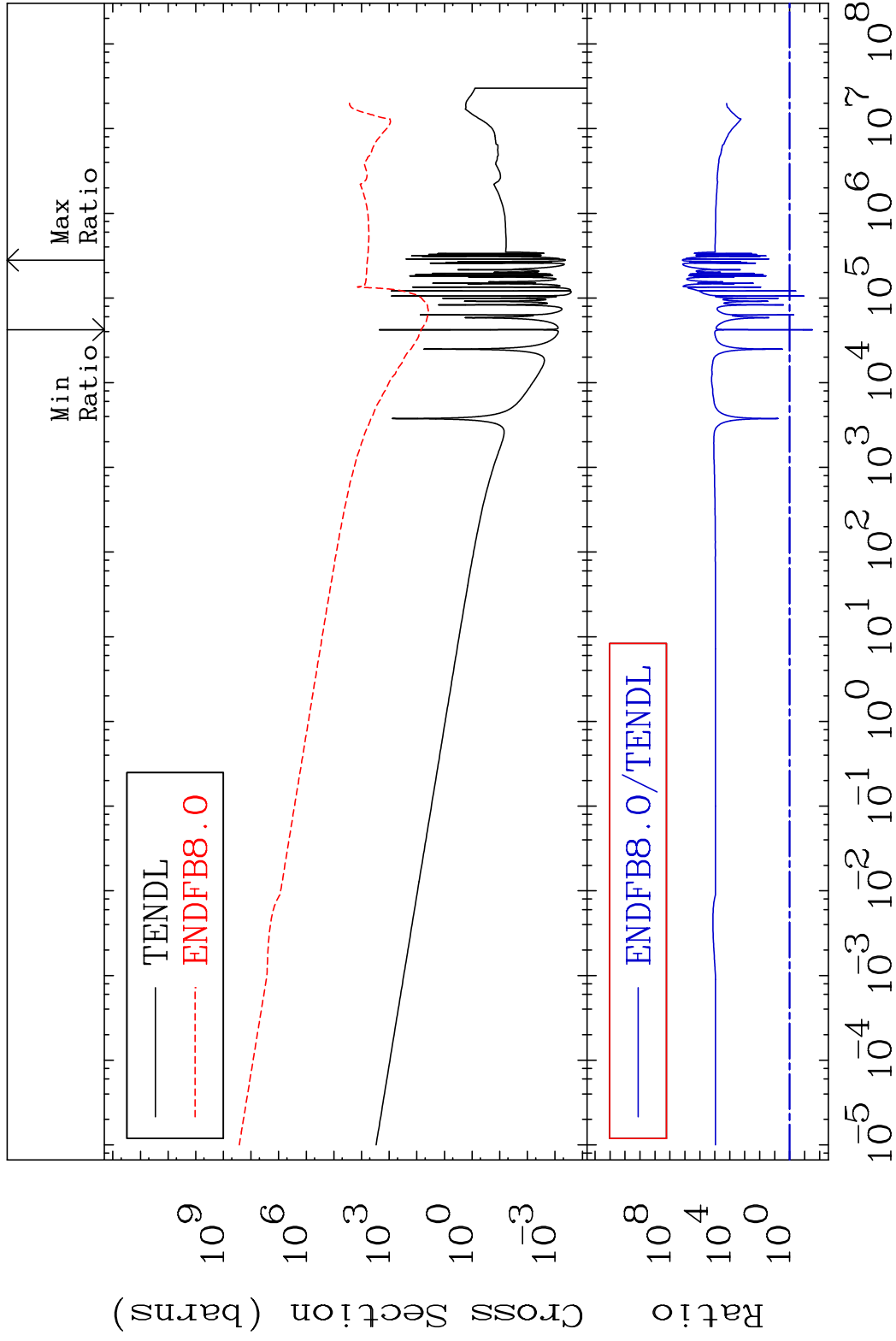
MAT 1831 Kerma fission (mt18 or mt19-20-21-38) 18-Ar-38  
 Cross Section -100.0 To 3689. %



MAT 1831

Kerma capture (mt102) 18-Ar-38

Cross Section -97.05 To 9999. %

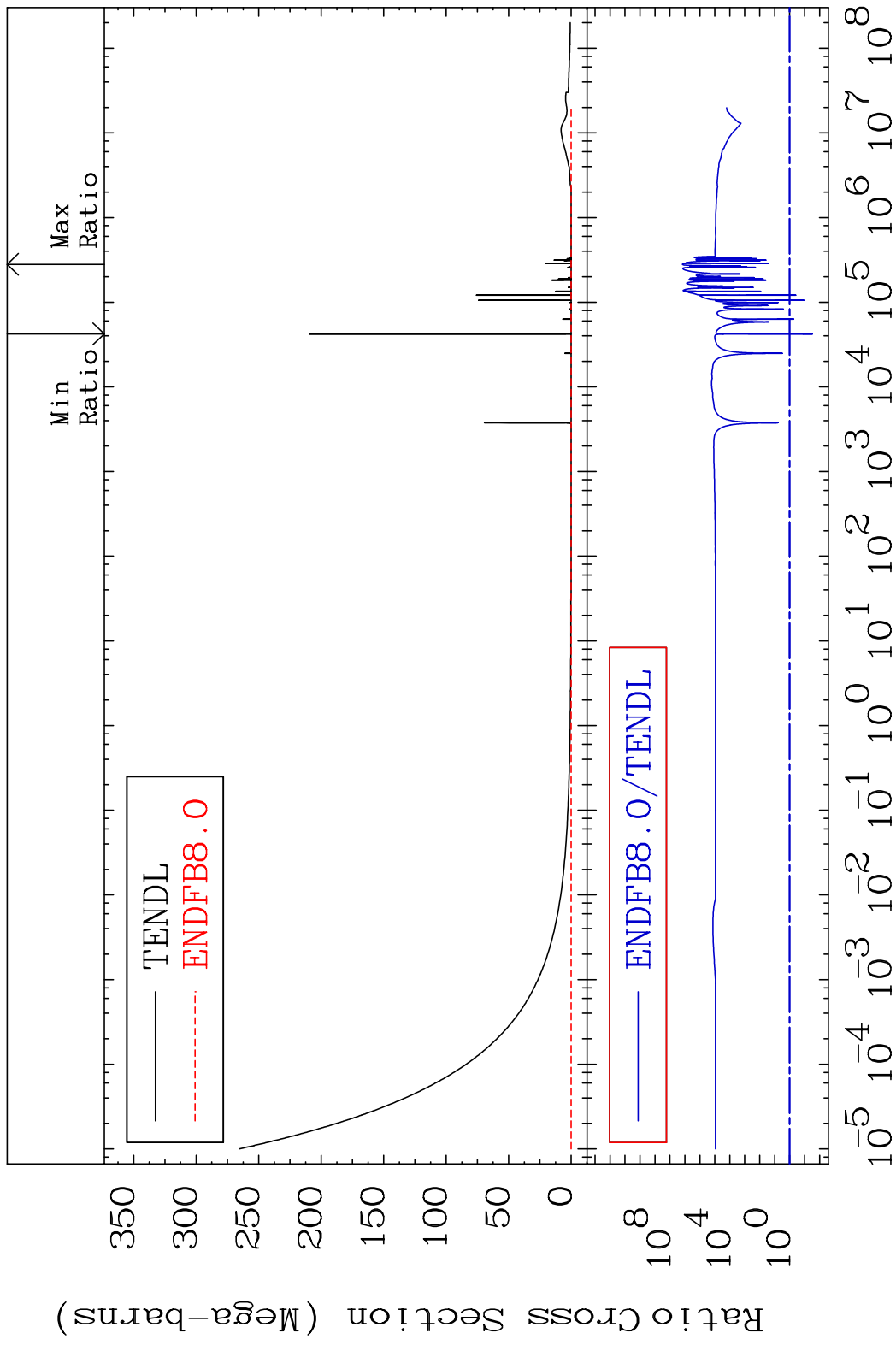


40

Incident Energy (eV)

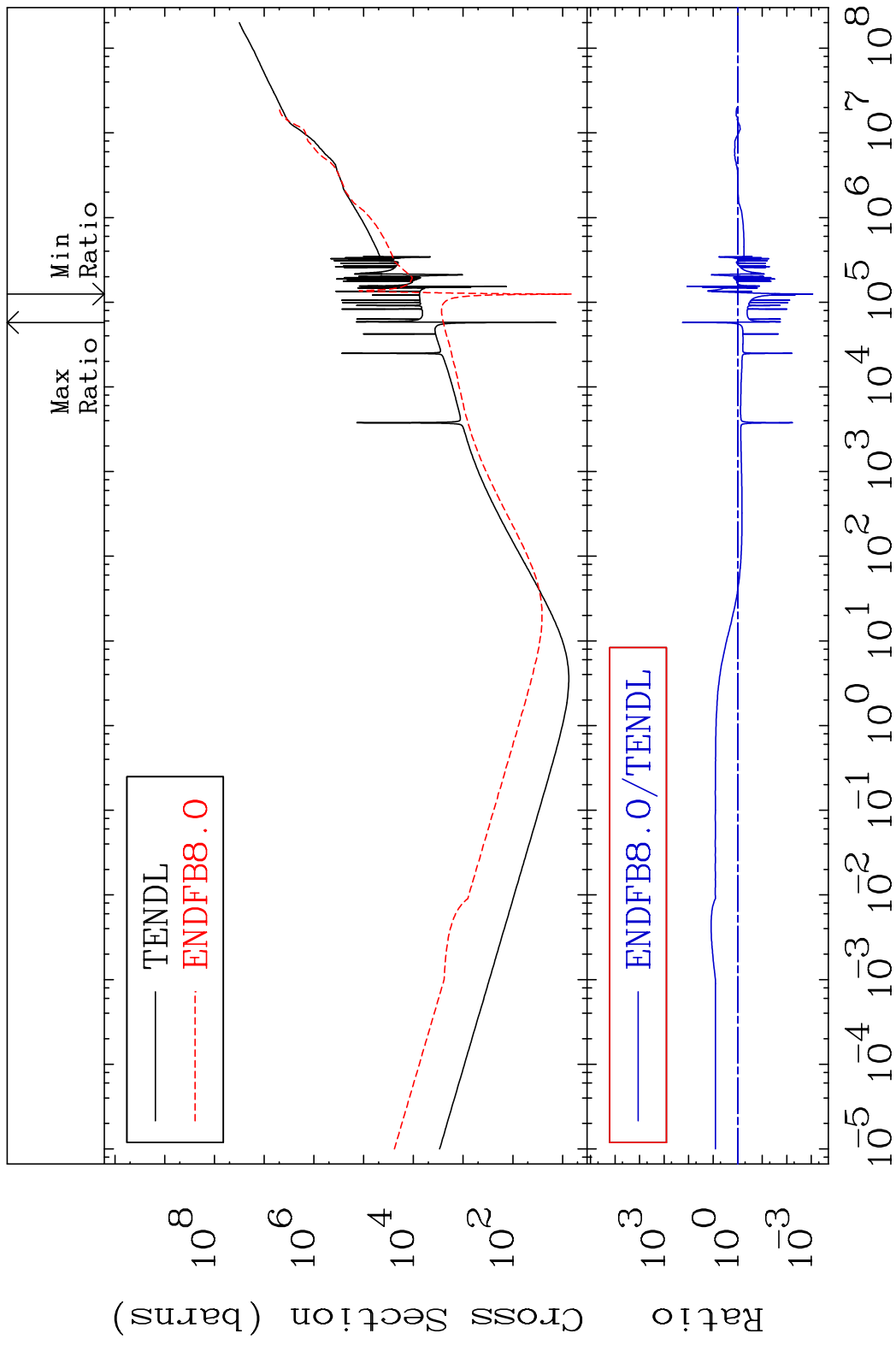
18-Ar-38

MAT 1831 Total photon (eV-barns) 18-Ar-38  
 Cross Section -97.05 To 9999. %

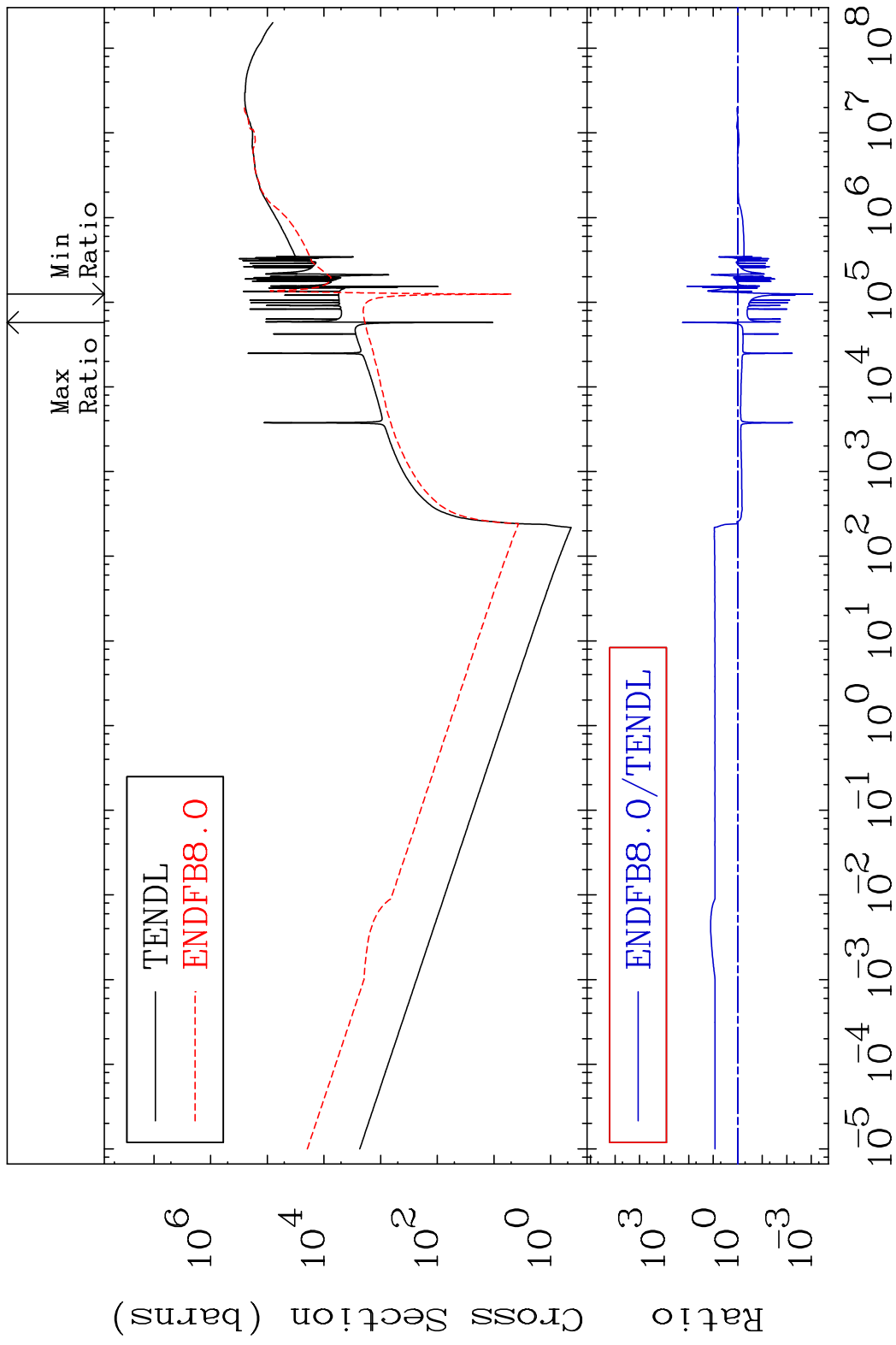


41 Incident Energy (eV) 18-Ar-38

MAT 1831 Total kinematic kerma (high limit) 18-Ar-38  
 Cross Section -99.91 To 9999. %



MAT 1831      Dpa total (eV-barns)      18-Ar-38  
 Cross Section      -99.91 To 9999. %

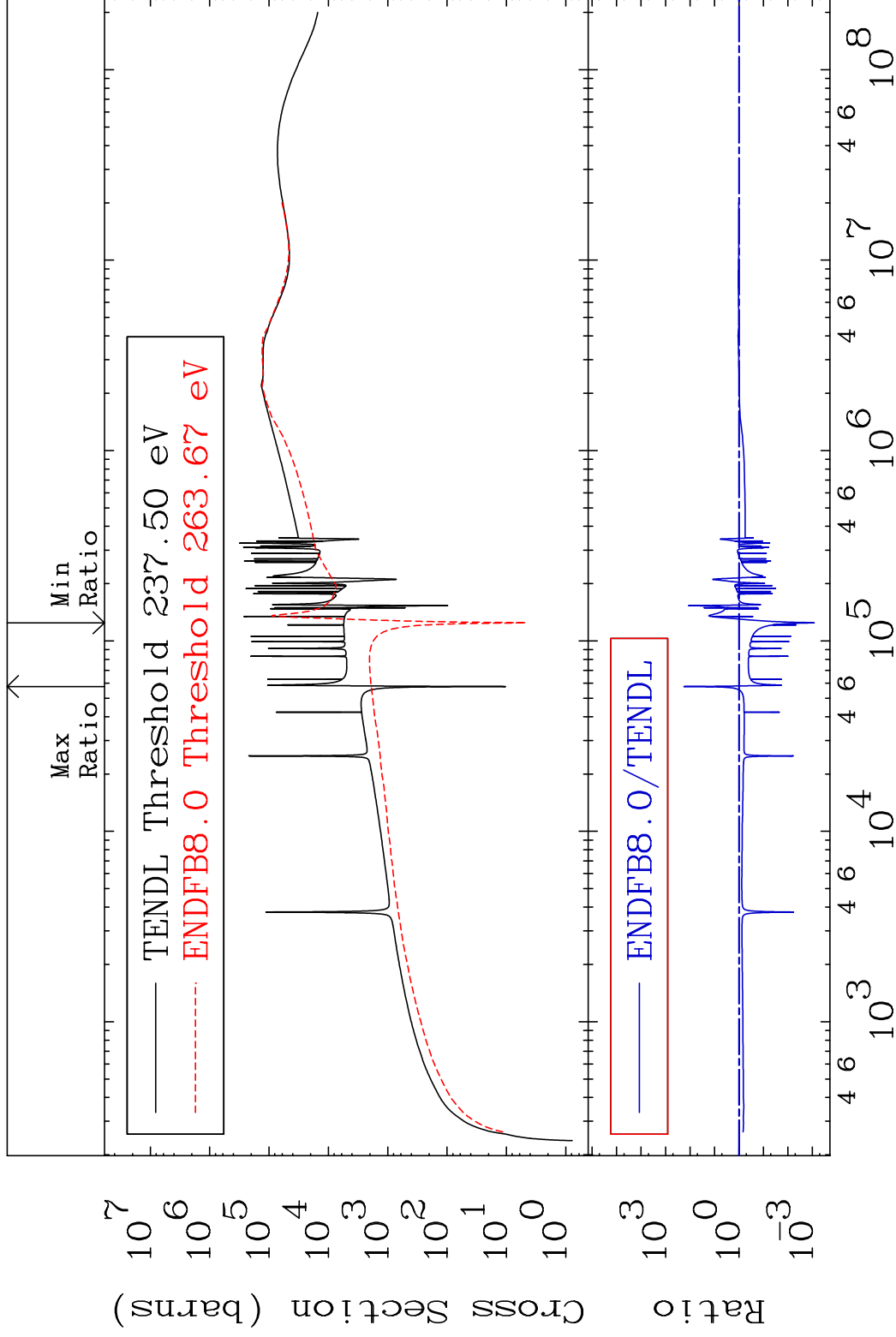


MAT 1831

Dpa elastic (mt2)

18-Ar-38

Cross Section -99.92 To 9999. %



44

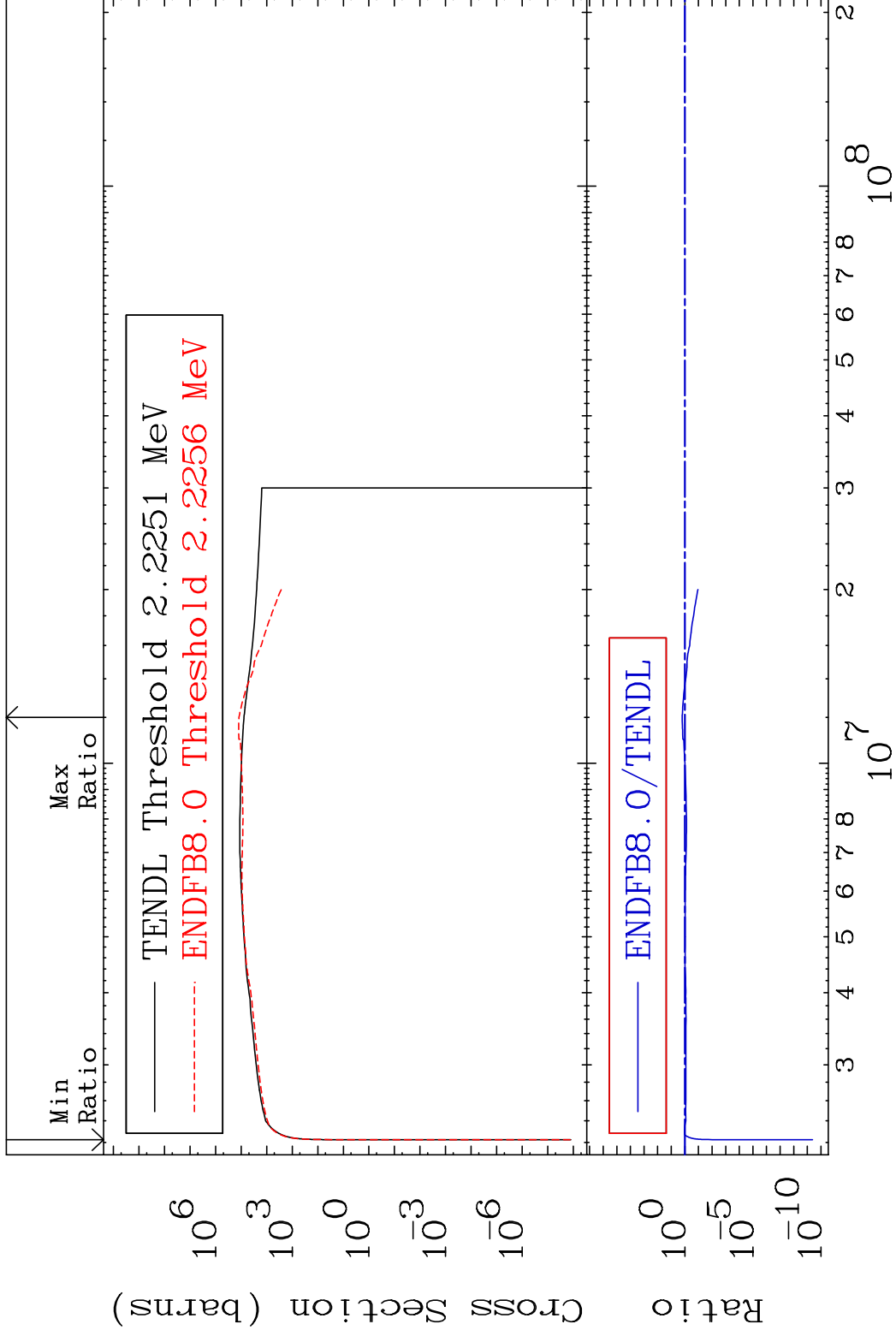
Incident Energy (eV)

18-Ar-38

MAT 1831

Dpa inelastic (mt51-91) 18-Ar-38

Cross Section -100.0 To 57.87 %



45

Incident Energy (eV)

18-Ar-38

MAT 1831 Dpa disappearance (mt102 -120) 18-Ar-38  
 Cross Section -100.0 To 9999. %

