

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

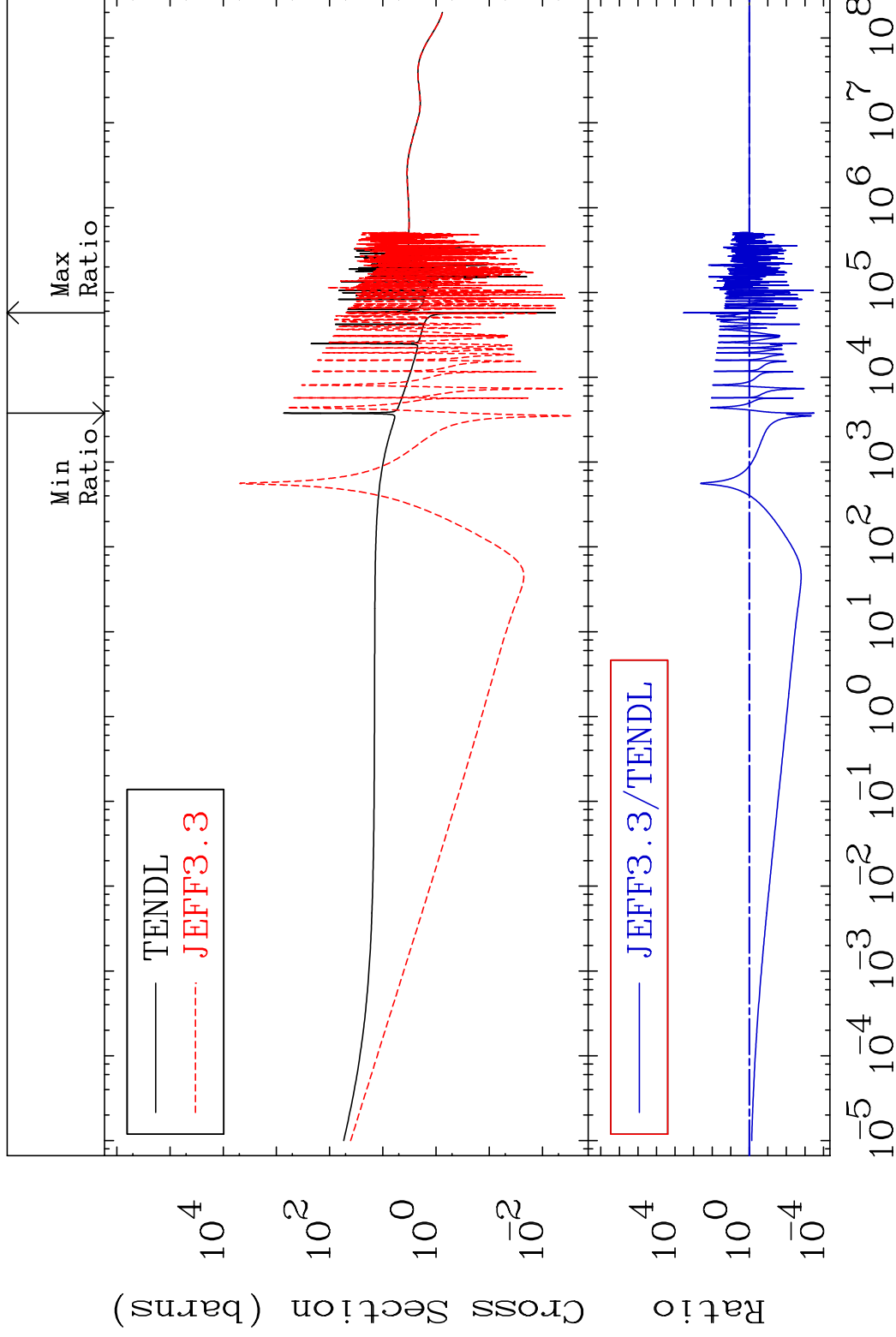
MAT 1831

Total

18-Ar-38

Cross Section

-99.97 To 9999. %



1

Incident Energy (eV)

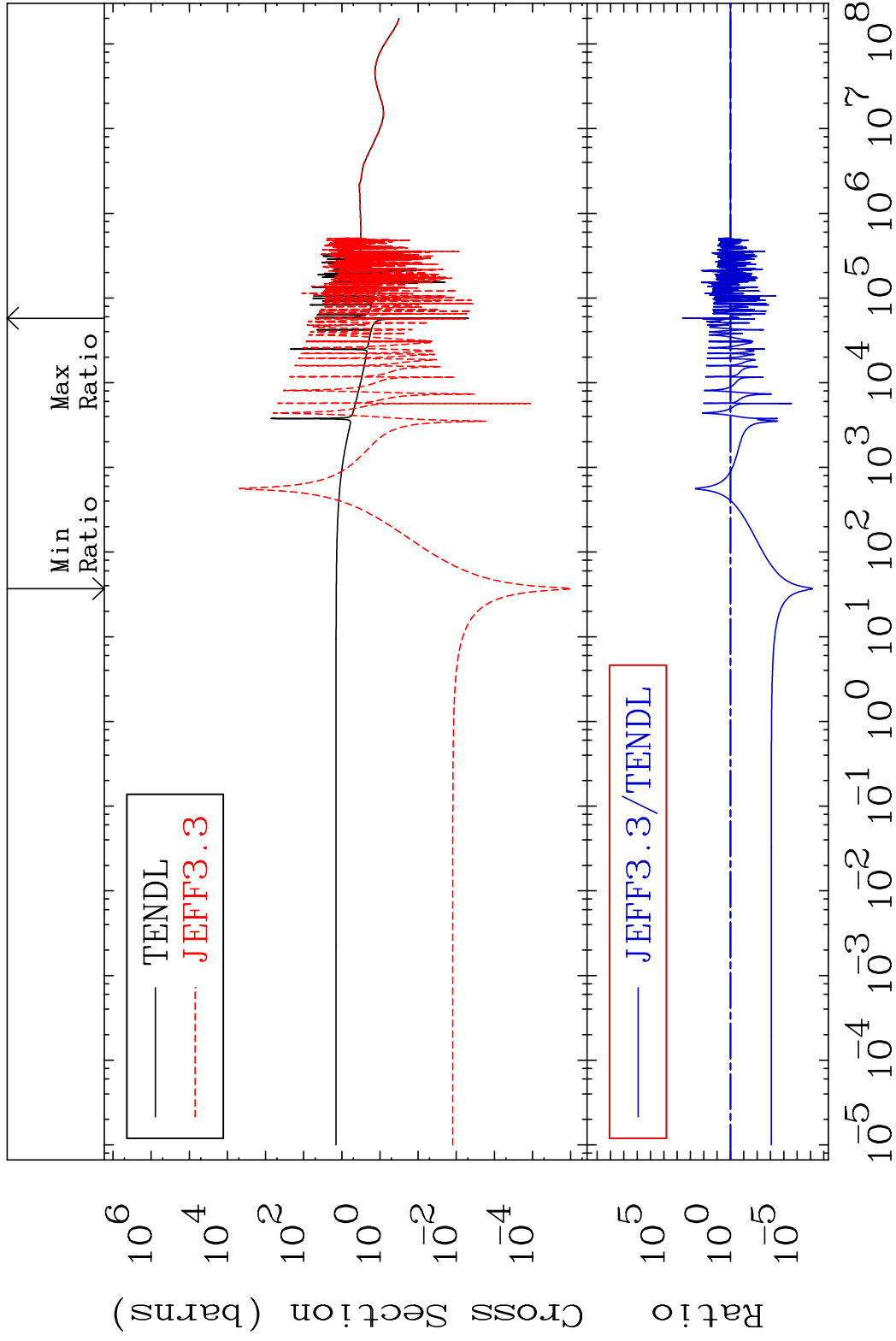
18-Ar-38

MAT 1831

Elastic

18-Ar-38

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

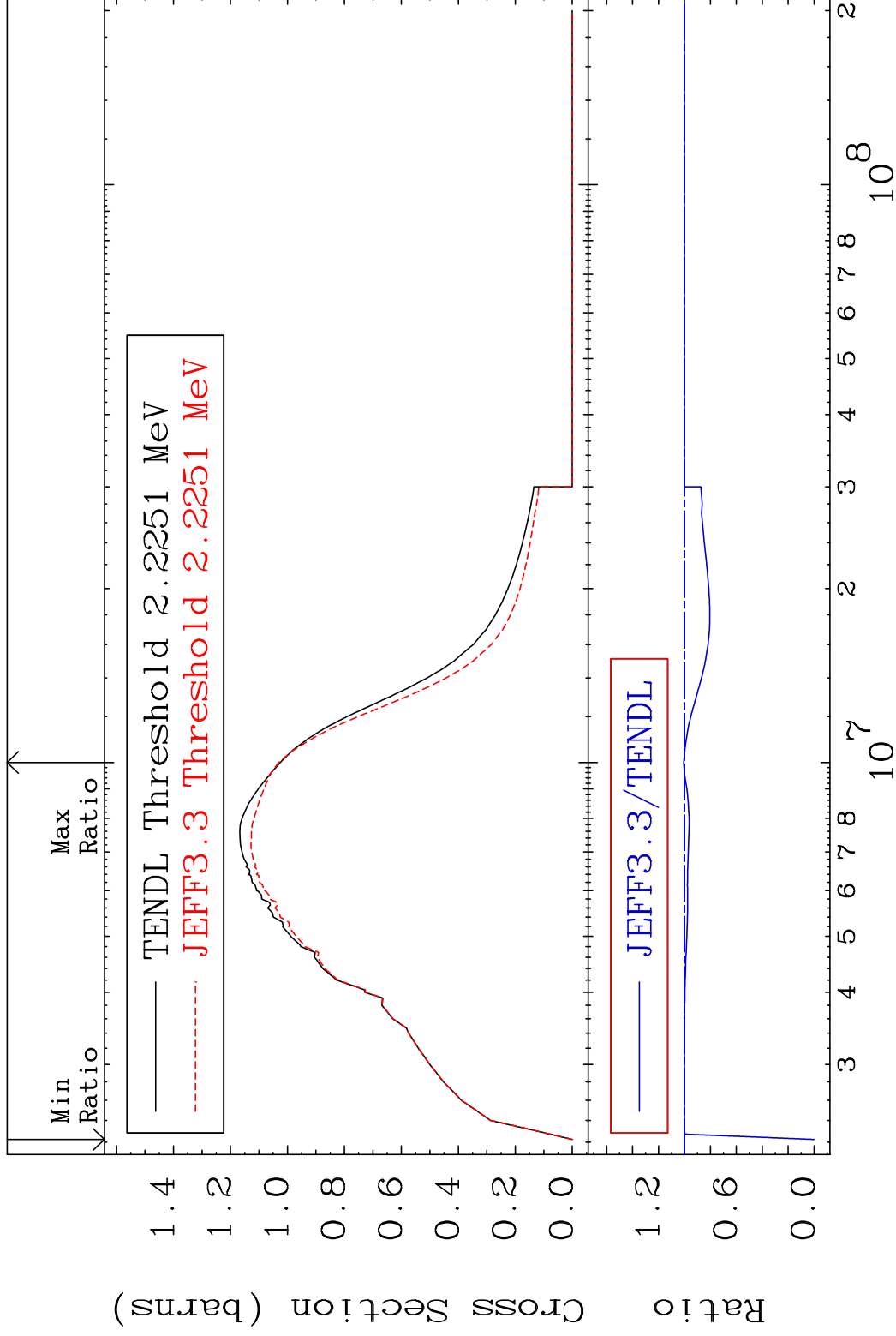
18-Ar-38

MAT 1831

Inelastic

18-Ar-38

Cross Section -100.0 To 0.601 %



3

Incident Energy (eV)

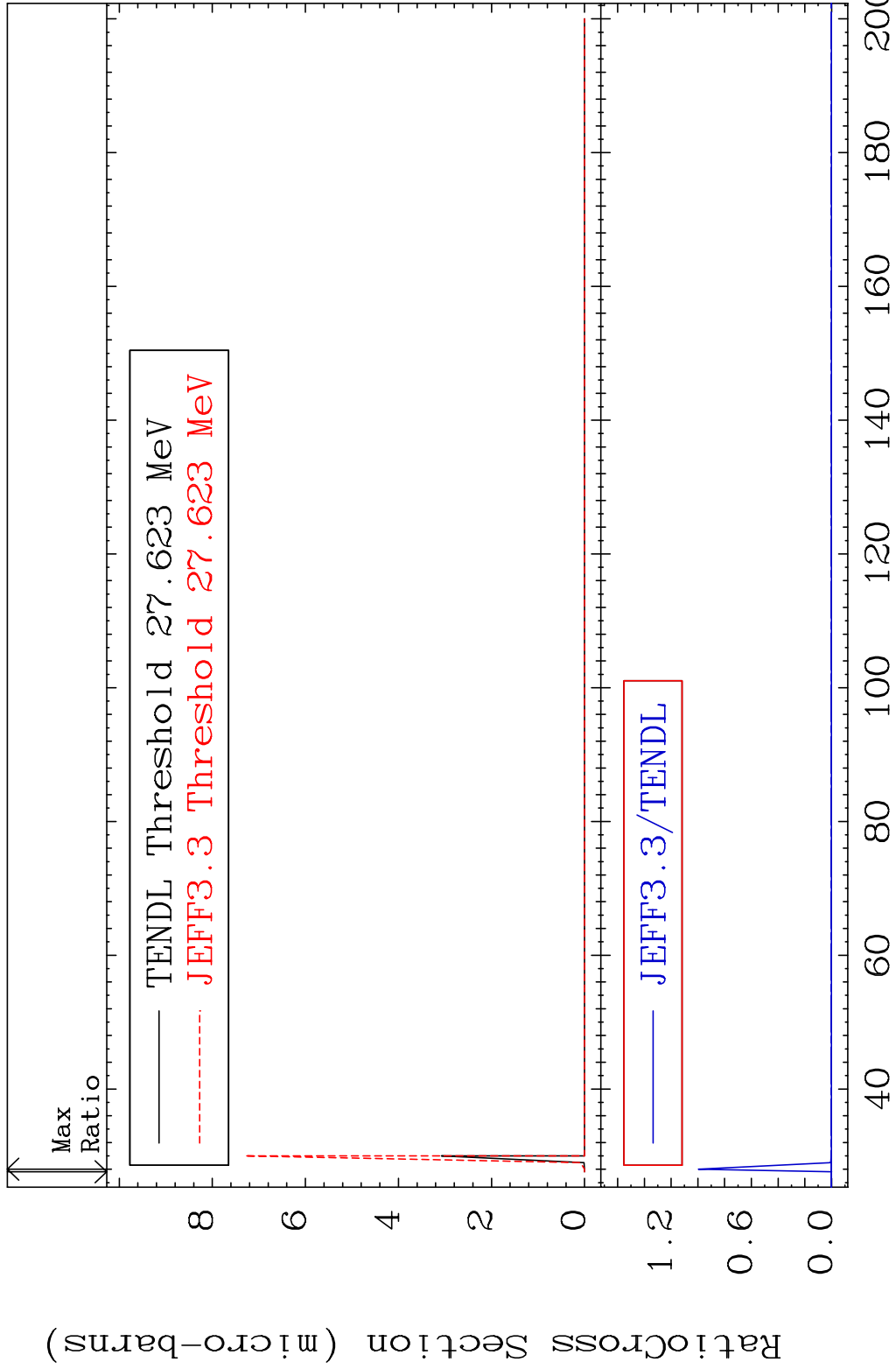
18-Ar-38

MAT 1831

(n,2n) d

18-Ar-38

Cross Section -100.0 To 9999. %

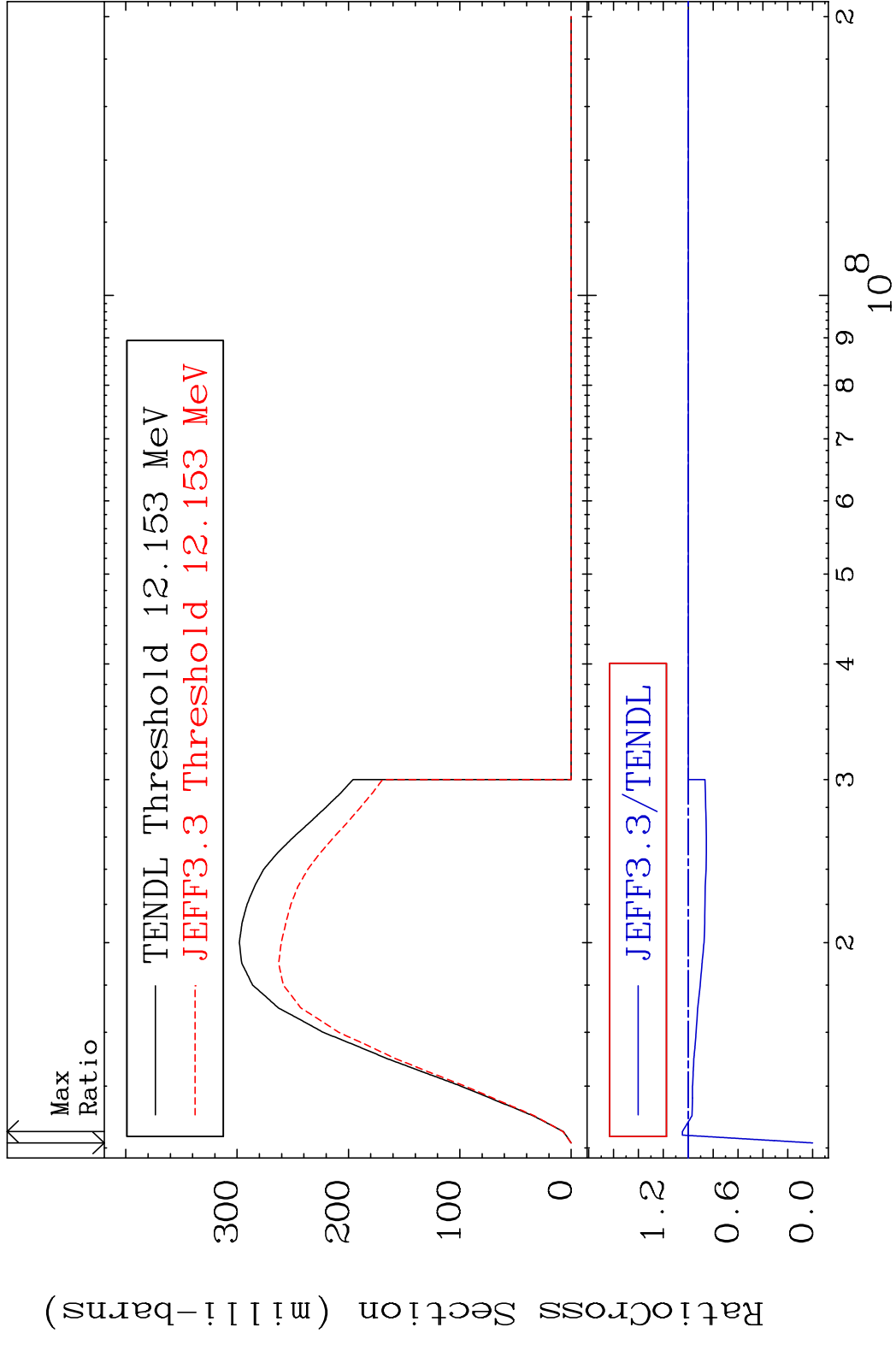


4

Incident Energy (MeV)

18-Ar-38

MAT 1831 (n,2n) 18-Ar-38  
 Cross Section -100.0 To 4.708 %

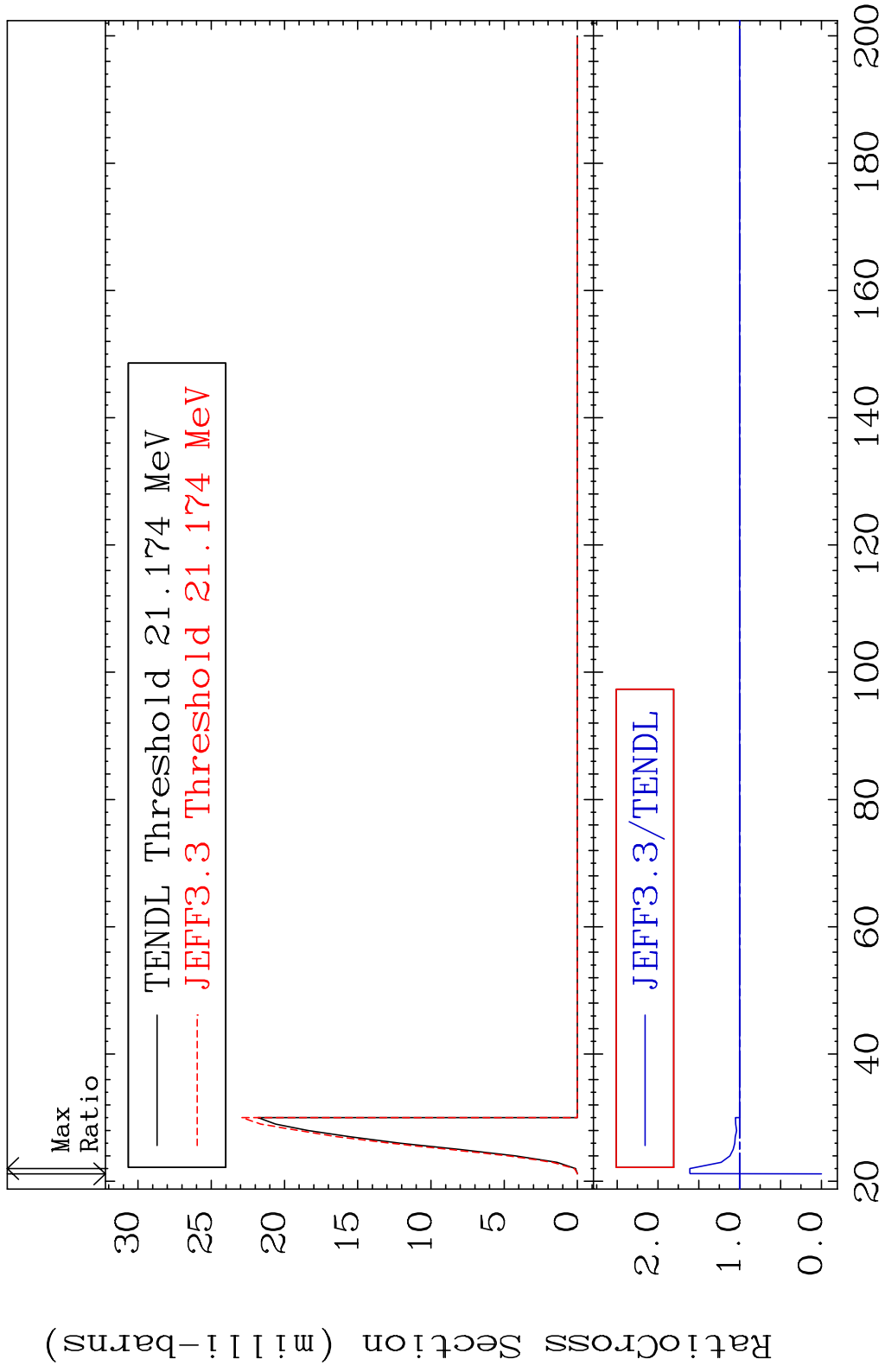


MAT 1831

(n,3n)

18-Ar-38

Cross Section -100.0 To 61.07 %

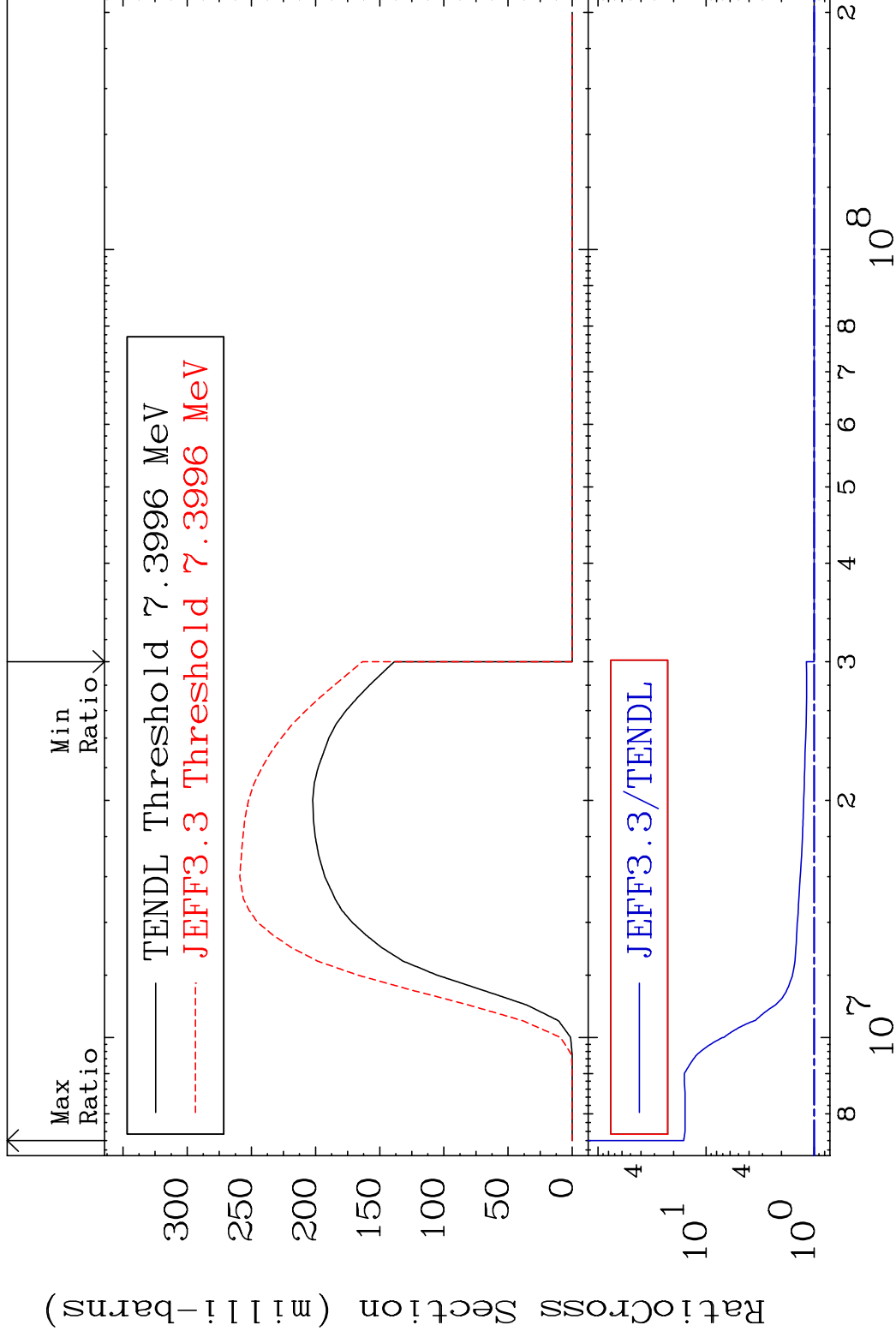


MAT 1831

(n, n')  $\alpha$

18-Ar-38

Cross Section 0.000 To 1512. %

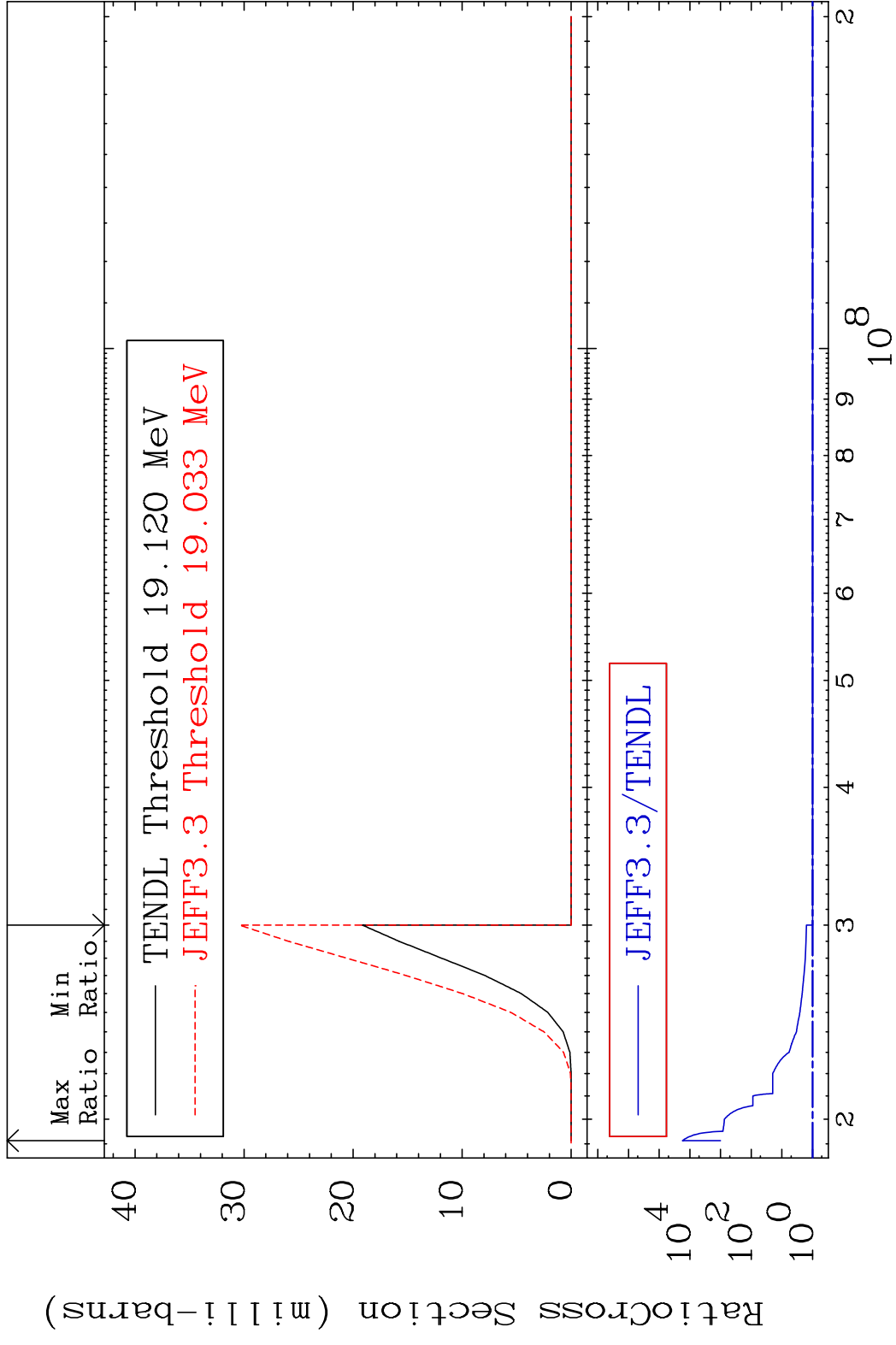


7

Incident Energy (eV)

18-Ar-38

MAT 1831  $(n, 2n) \alpha$  18-Ar-38  
 Cross Section 0.000 To 9999. %



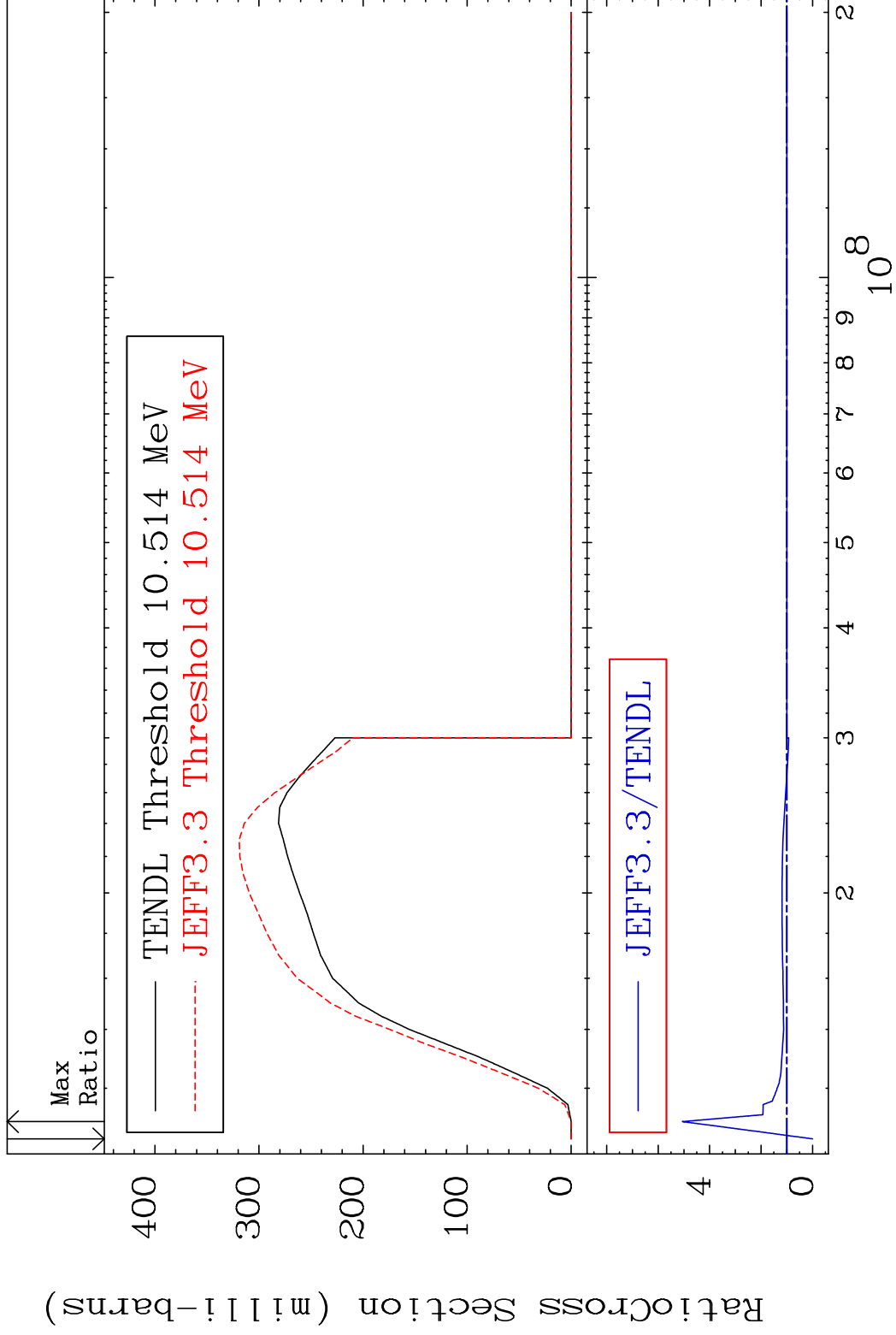
8 8 18-Ar-38

MAT 1831

(n, n') p

18-Ar-38

Cross Section -100.0 To 405.9 %

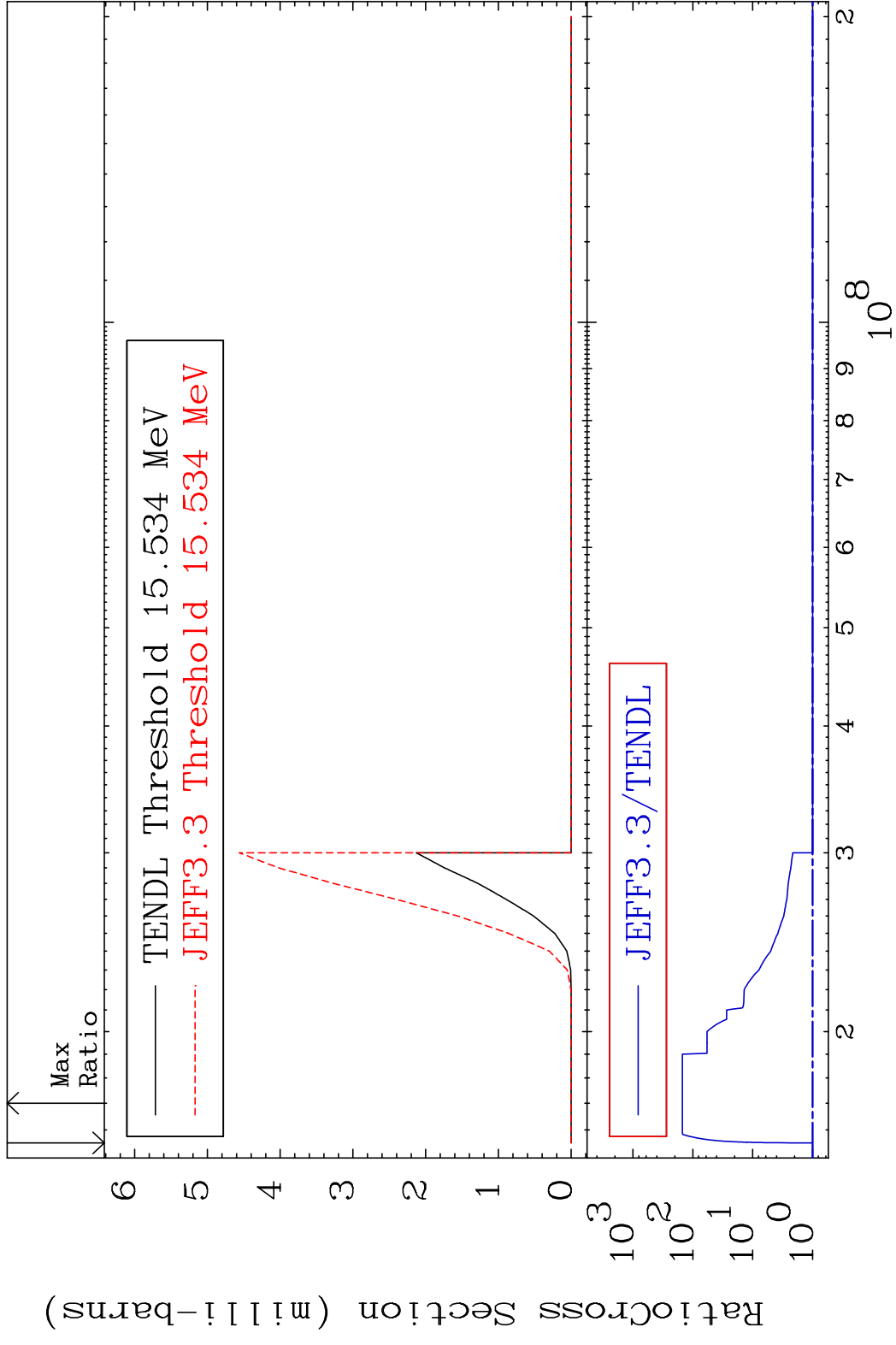


9

Incident Energy (eV)

18-Ar-38

MAT 1831 (n, n') 2α 18-Ar-38  
 Cross Section 0.000 To 9999. %



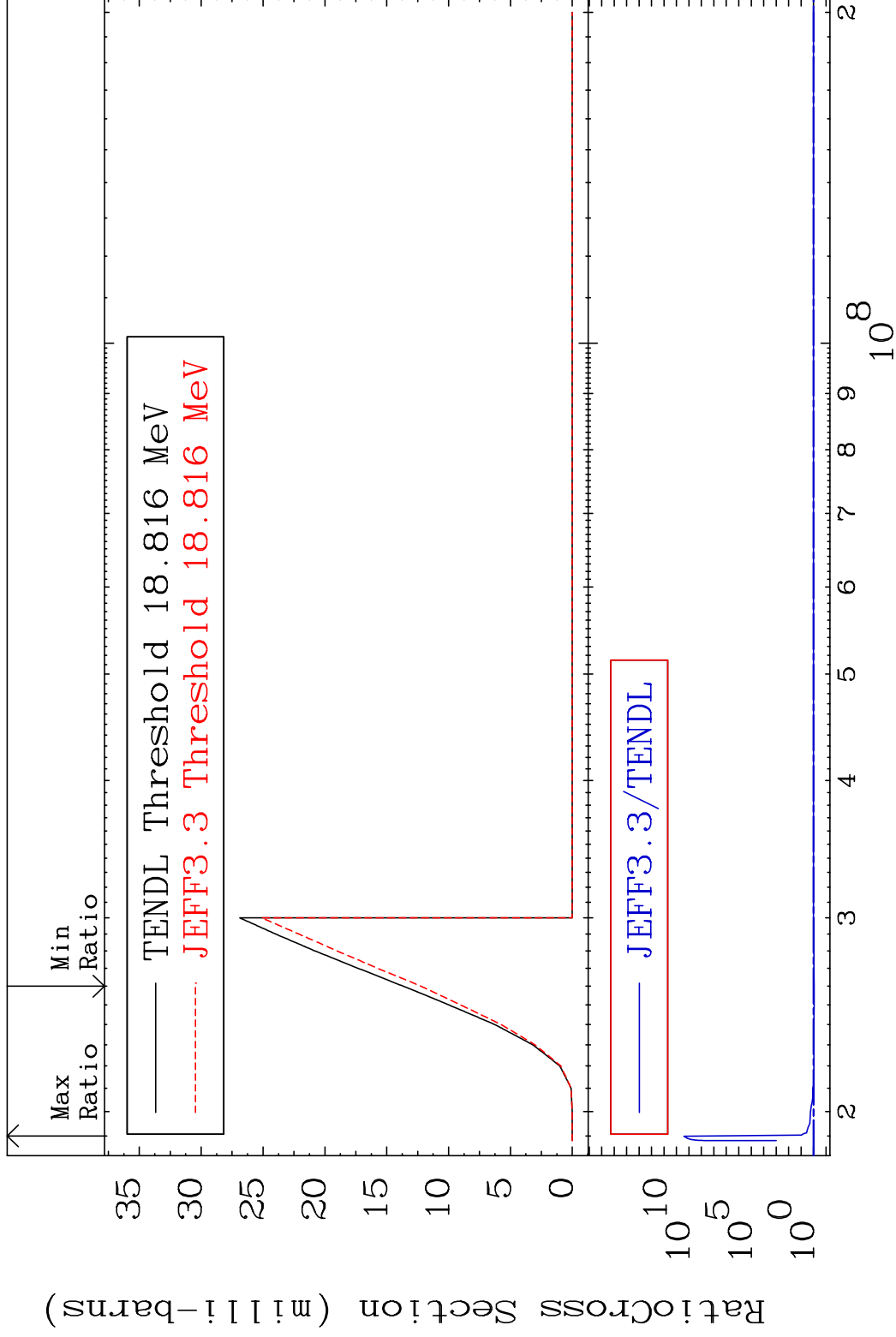
10 18-Ar-38

MAT 1831

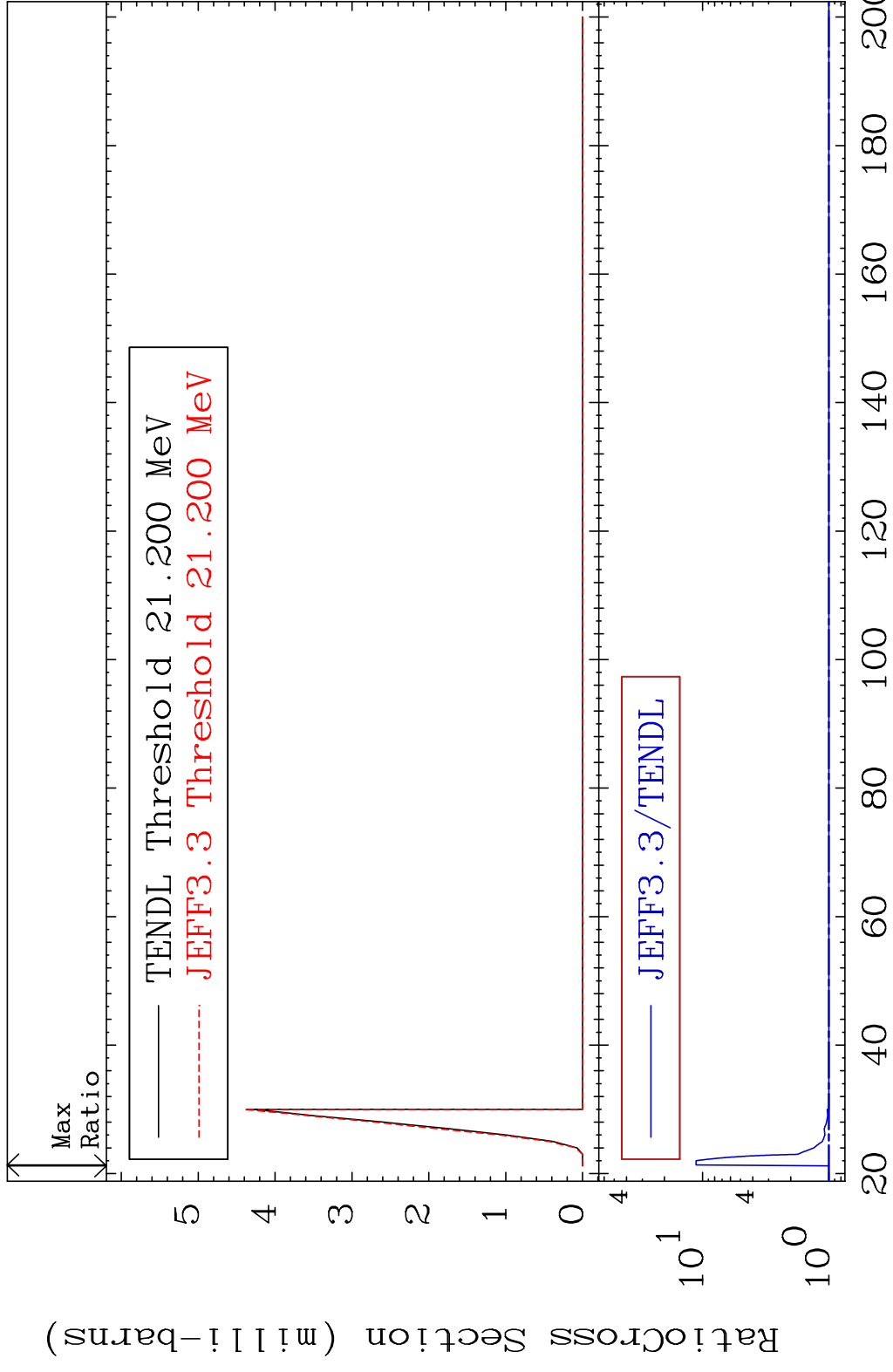
(n, n') d

18-Ar-38

Cross Section -10.52 To 9999. %



MAT 1831 (n, n') t 18-Ar-38  
 Cross Section 0.000 To 1026. %

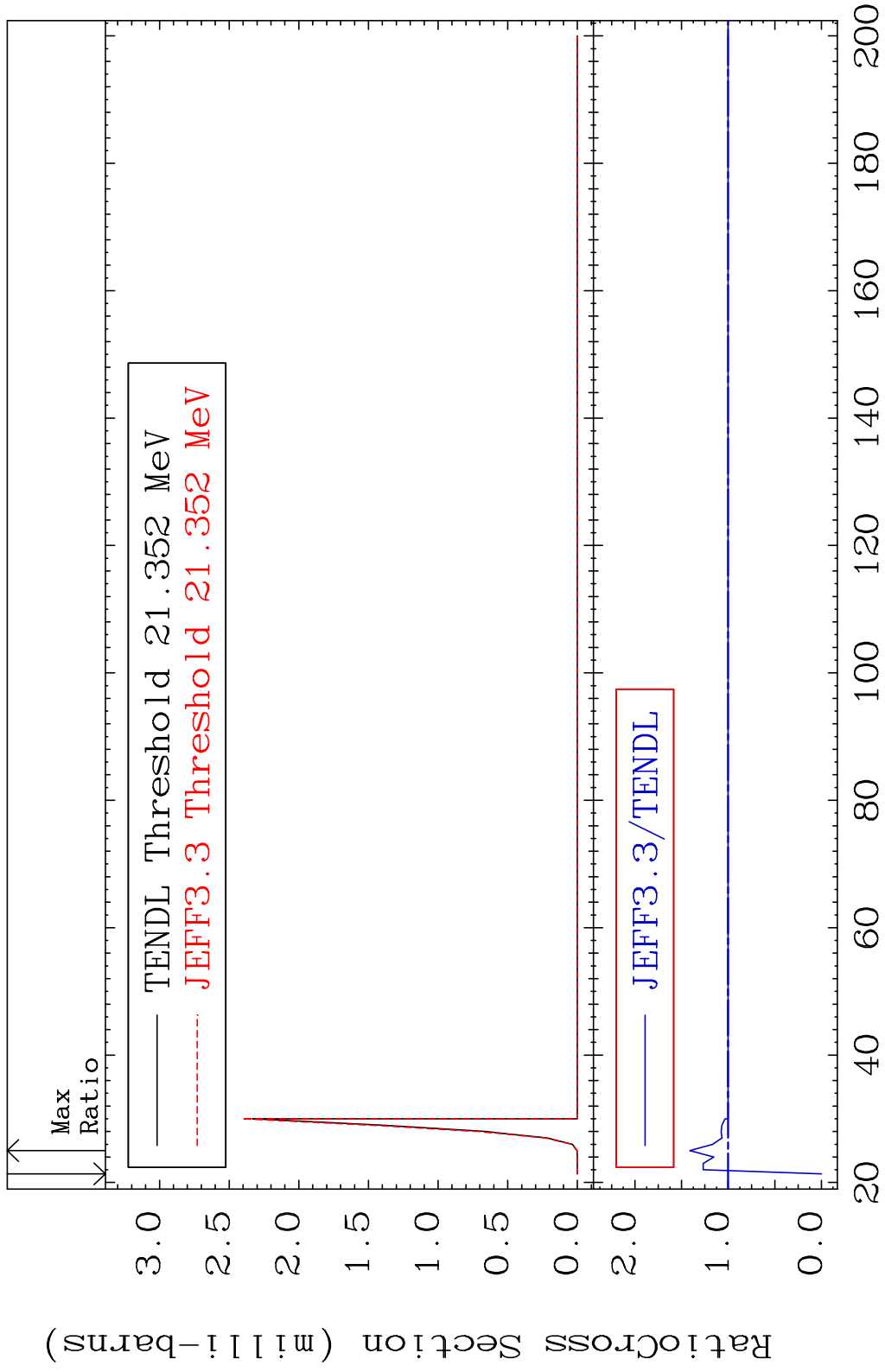


MAT 1831

(n,n') He-3

18-Ar-38

Cross Section -100.0 To 41.19 %



13

Incident Energy (MeV)

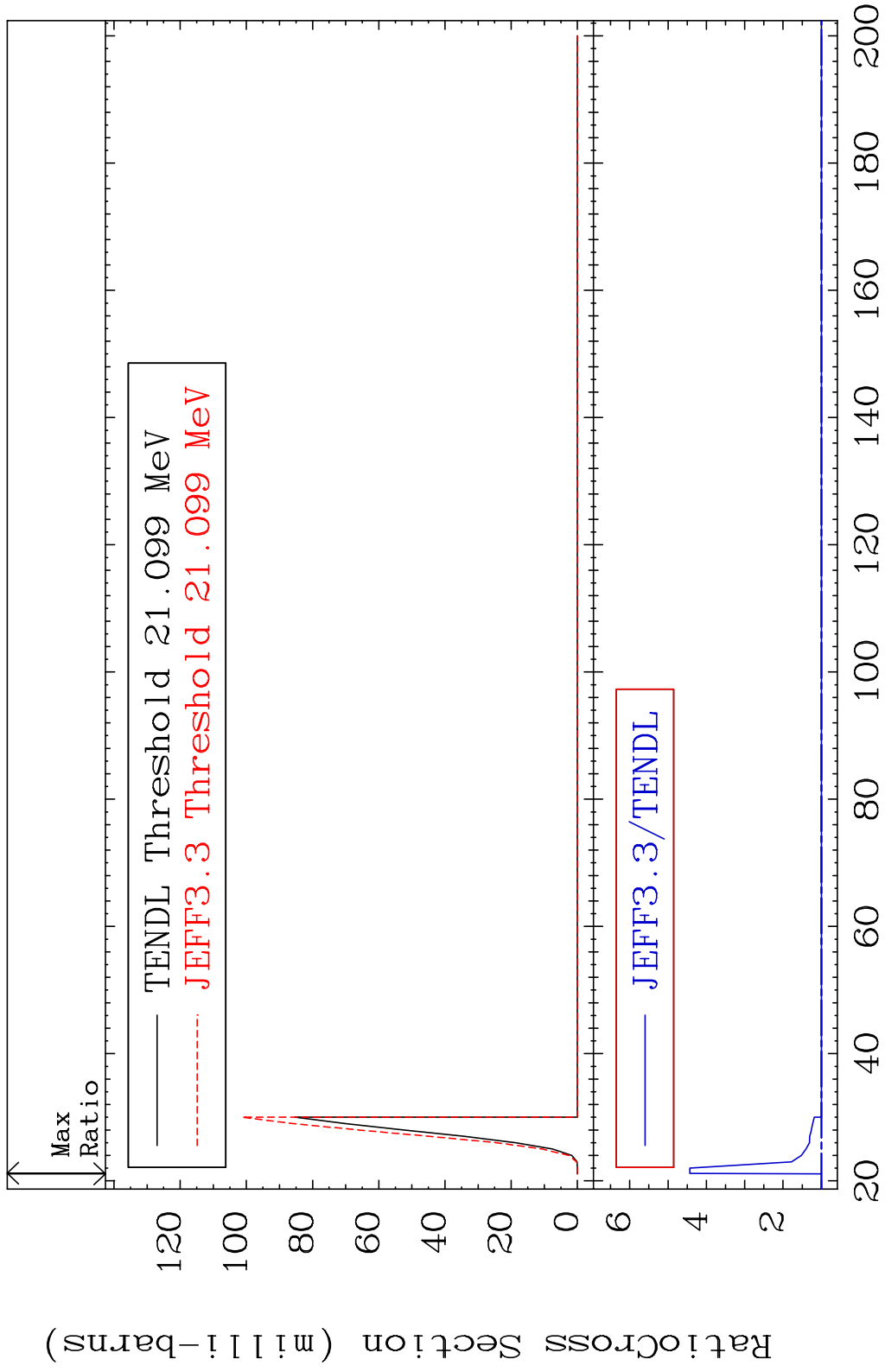
18-Ar-38

MAT 1831

(n,2n) p

18-Ar-38

Cross Section 0.000 To 343.3 %



14

Incident Energy (MeV)

18-Ar-38

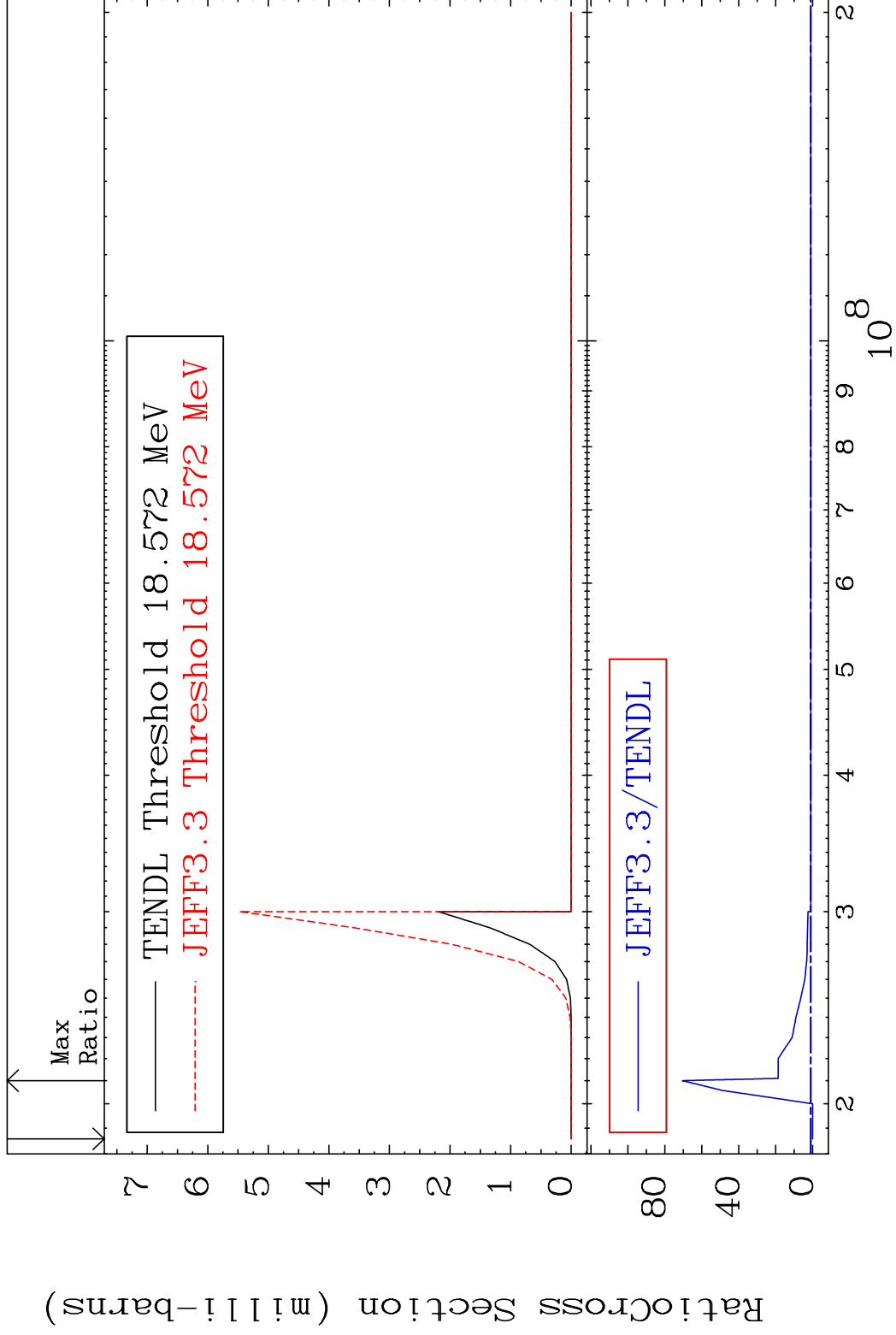


MAT 1831

(n, n') p  $\alpha$

18-Ar-38

Cross Section -100.0 To 6948. %

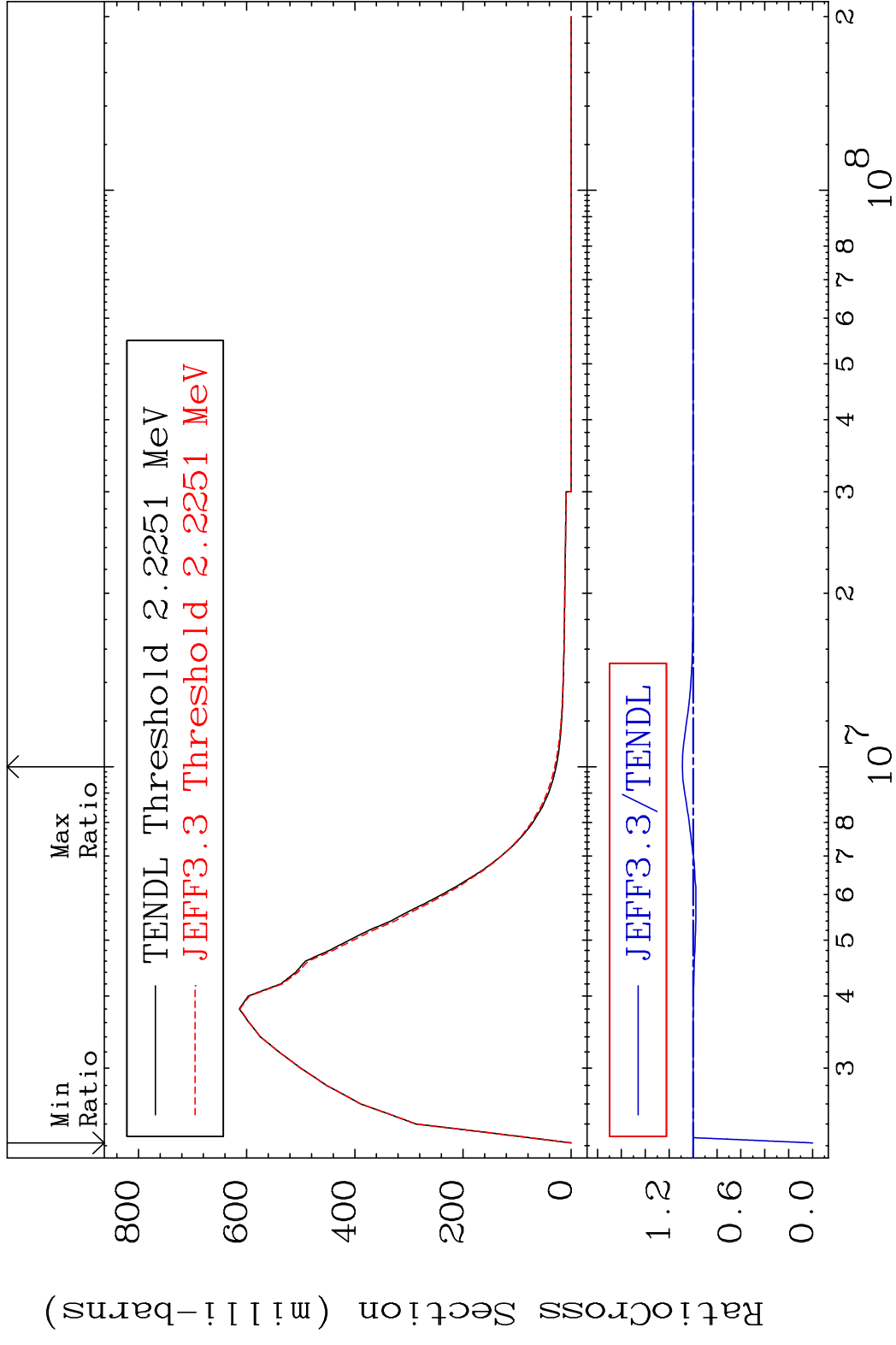


16

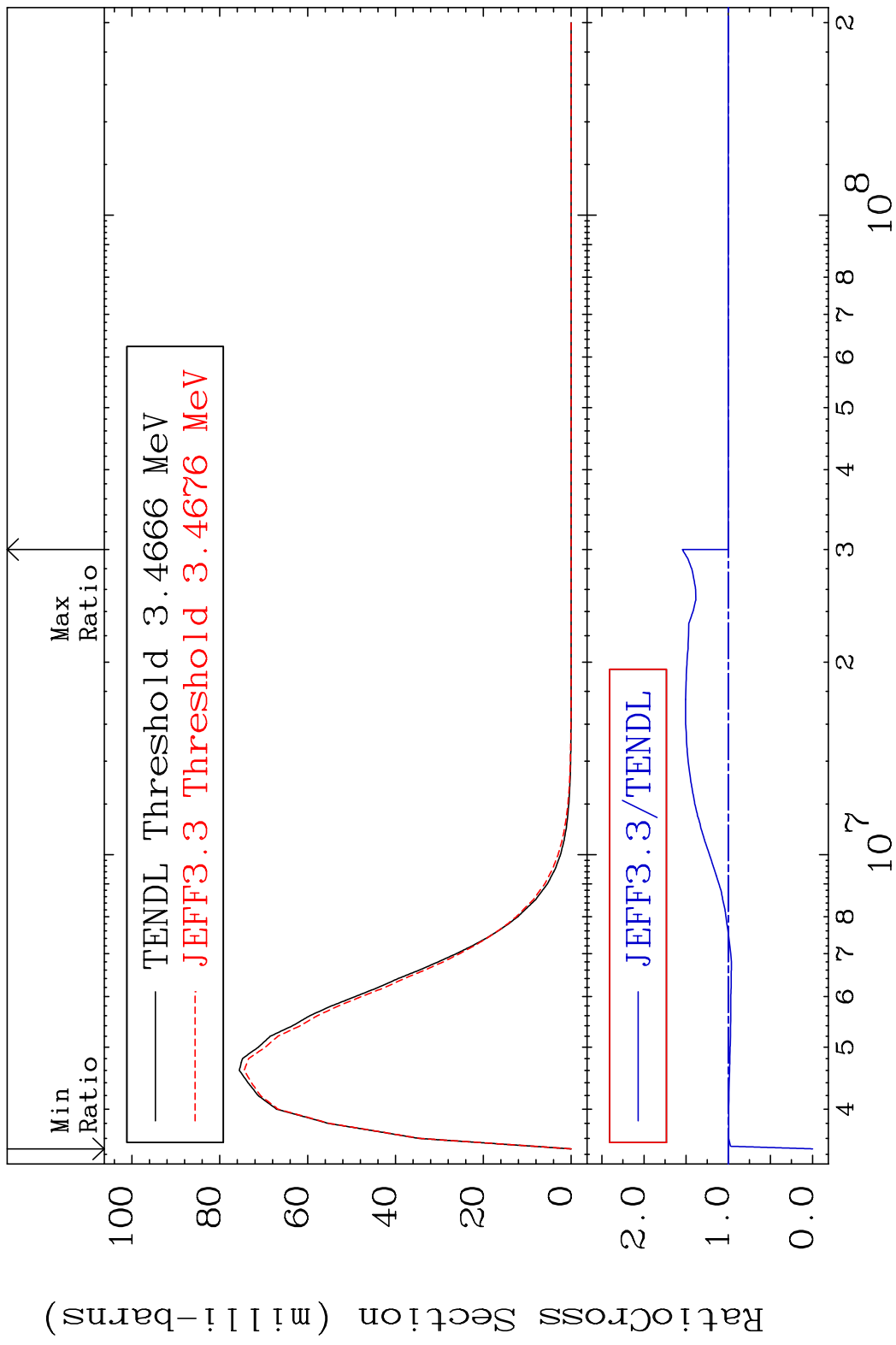
Incident Energy (eV)

18-Ar-38

MAT 1831 MT= 51 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 8.956 %



MAT 1831 MT= 52 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 54.49 %

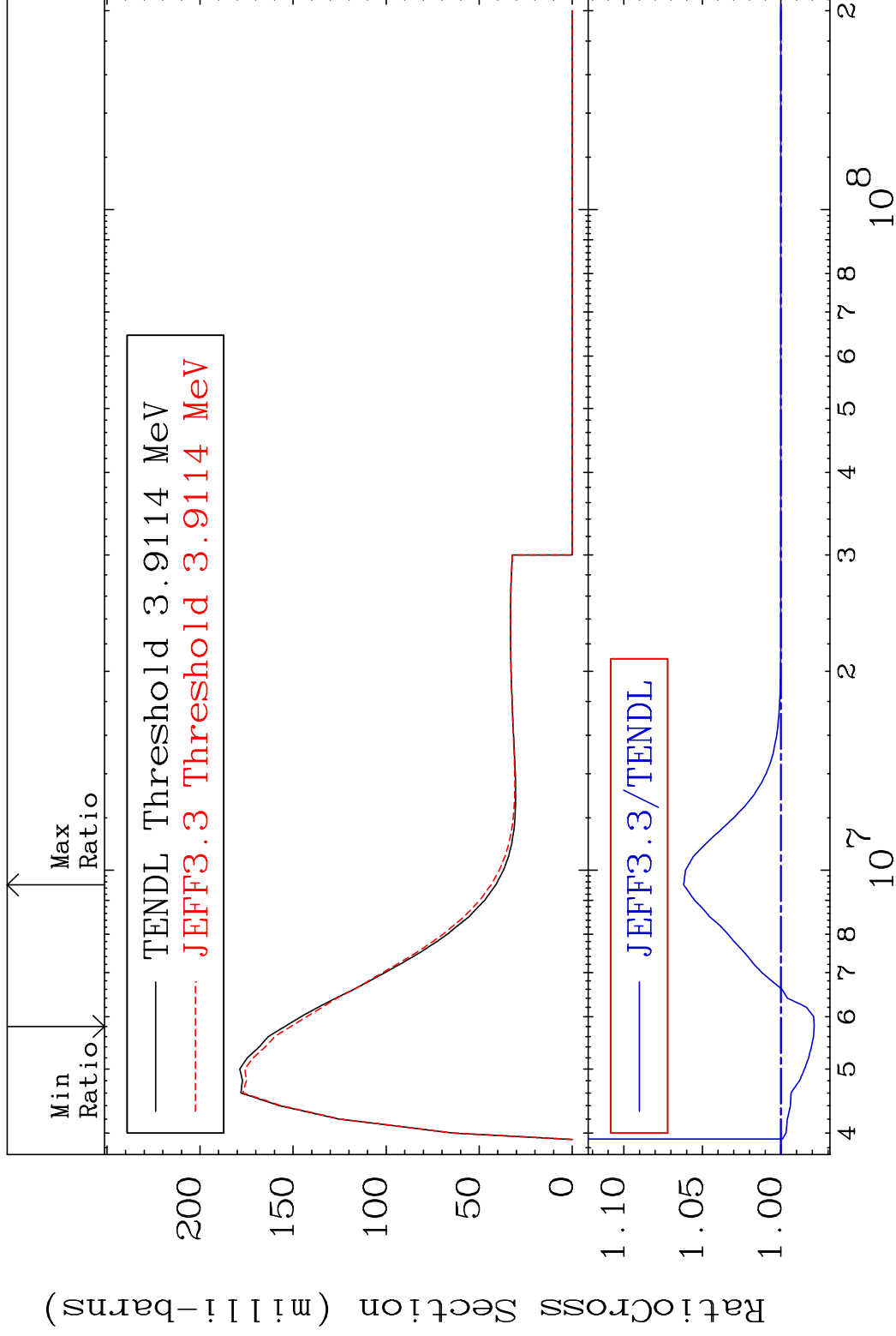


MAT 1831

MT= 53 (n, n') Level

18-Ar-38

Cross Section -2.116 To 6.190 %

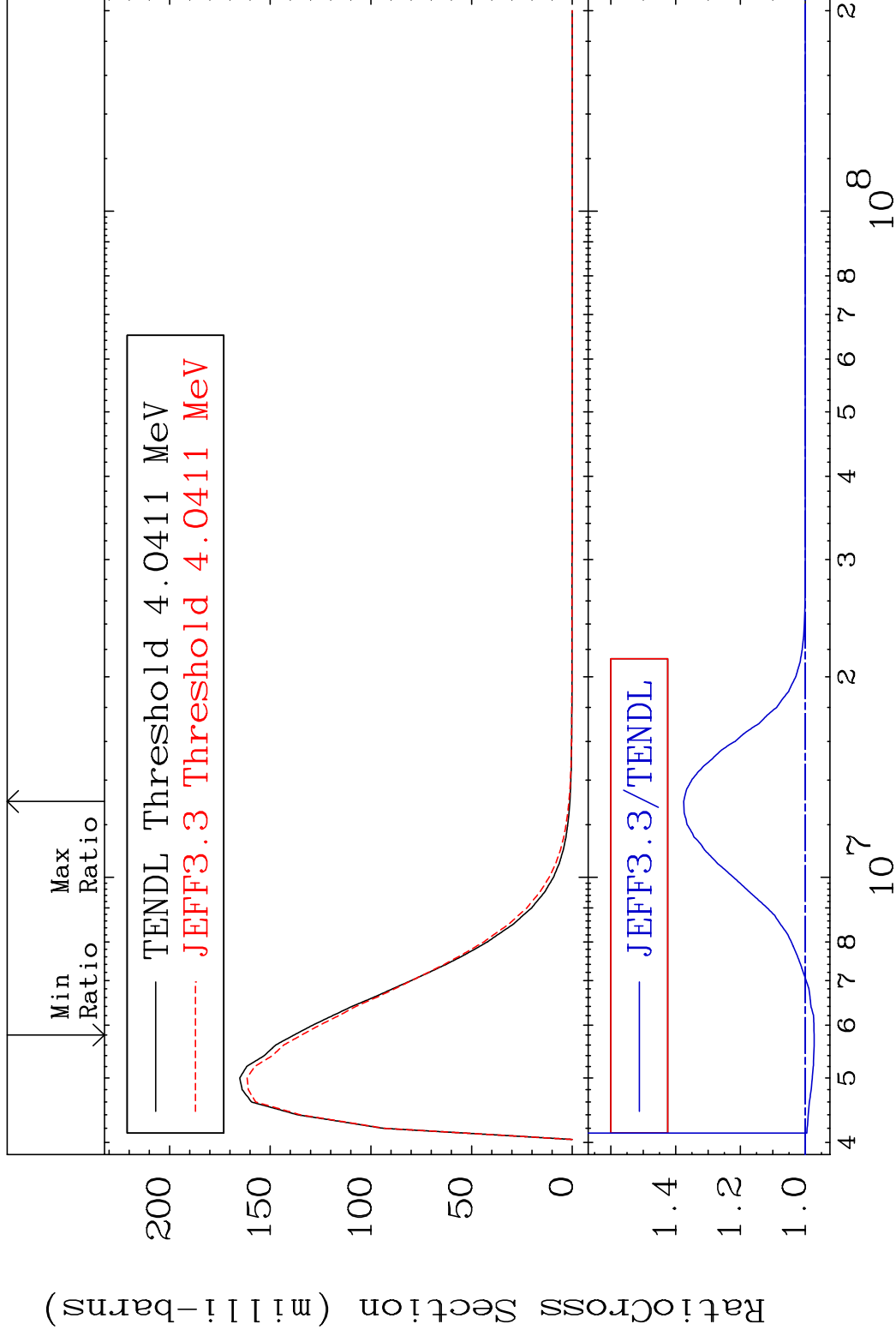


MAT 1831

MT= 54 (n,n') Level

18-Ar-38

Cross Section -2.737 To 37.53 %



20

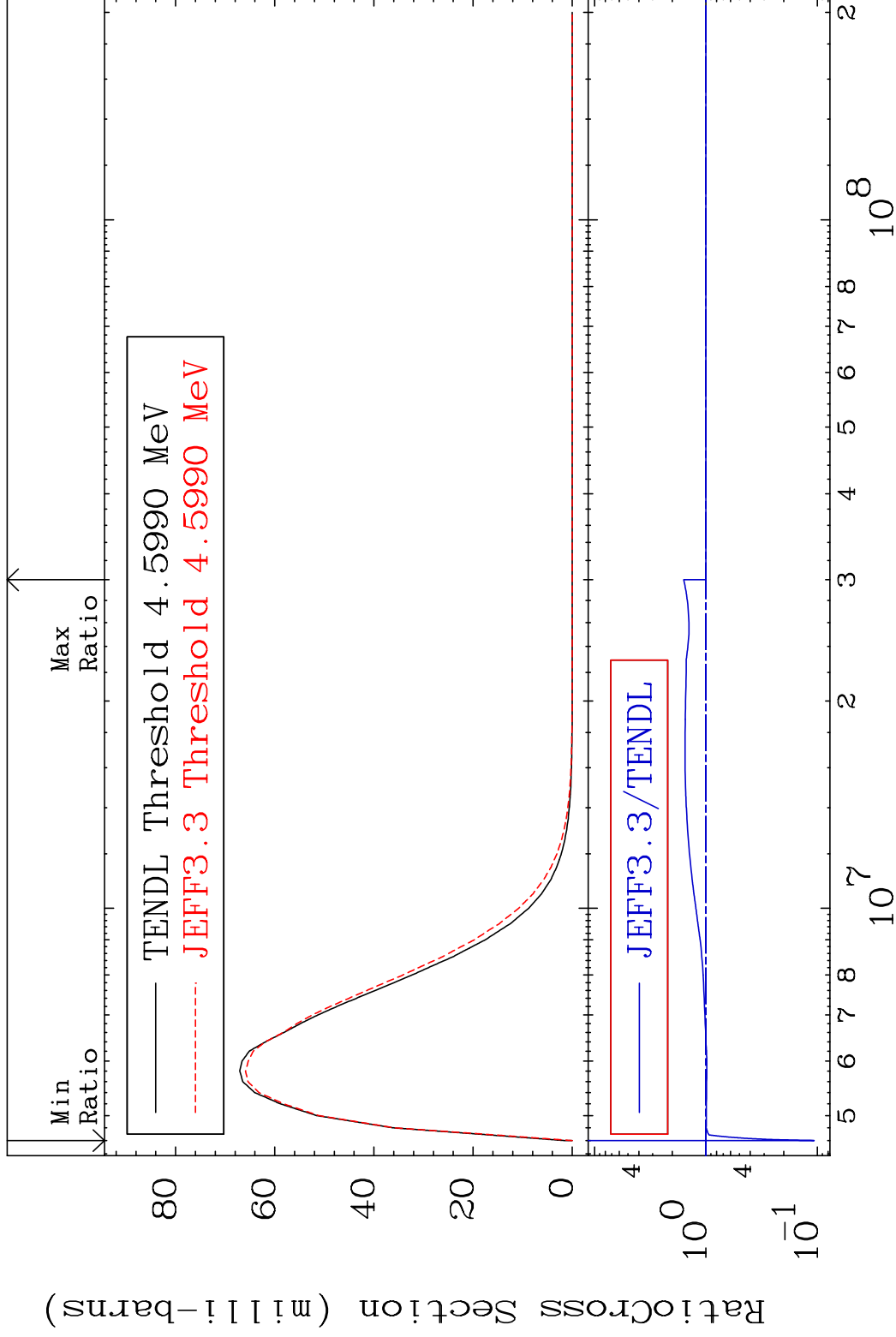
18-Ar-38

MAT 1831

MT= 55 (n, n') Level

18-Ar-38

Cross Section -89.32 To 58.28 %

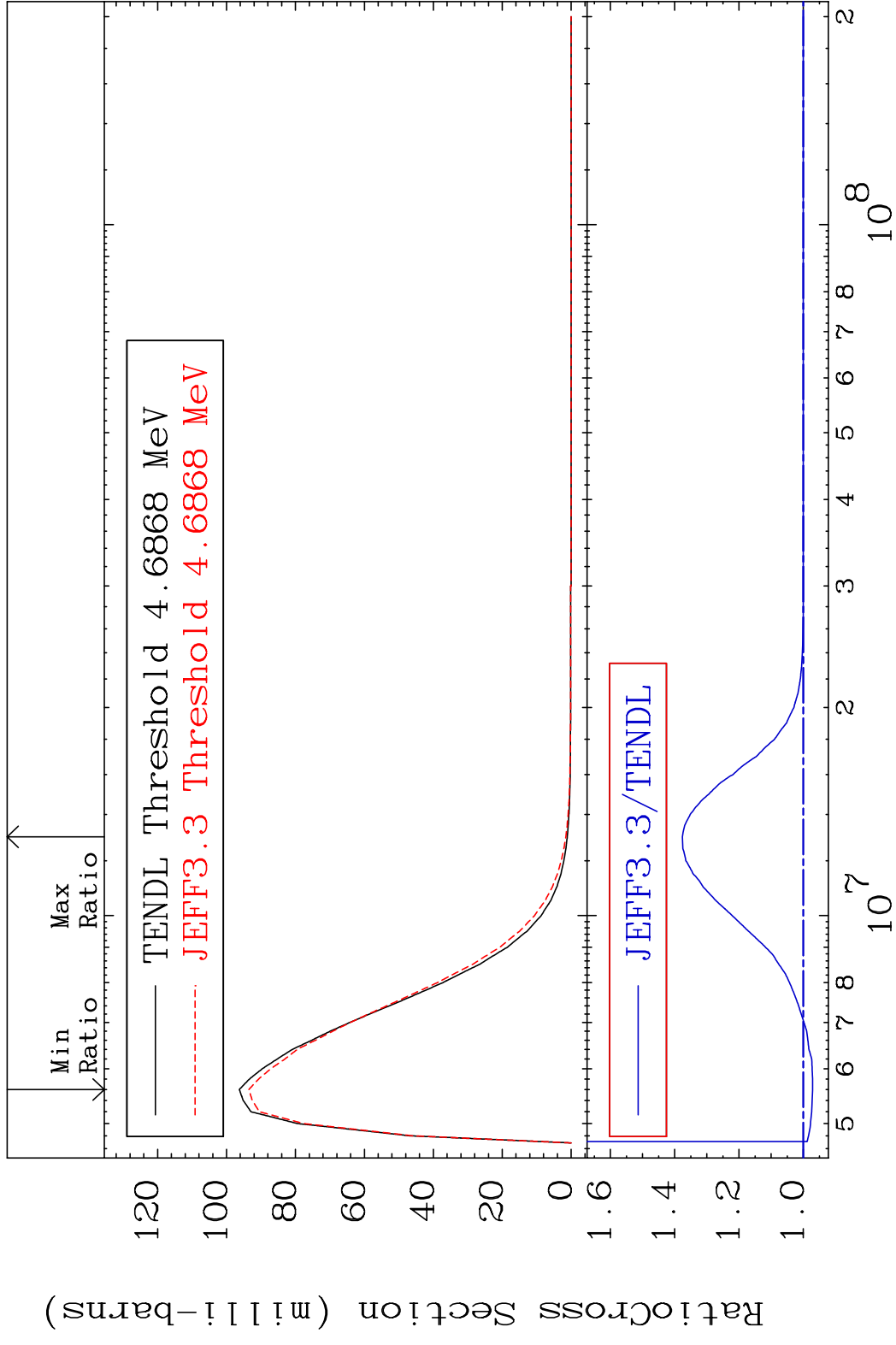


21

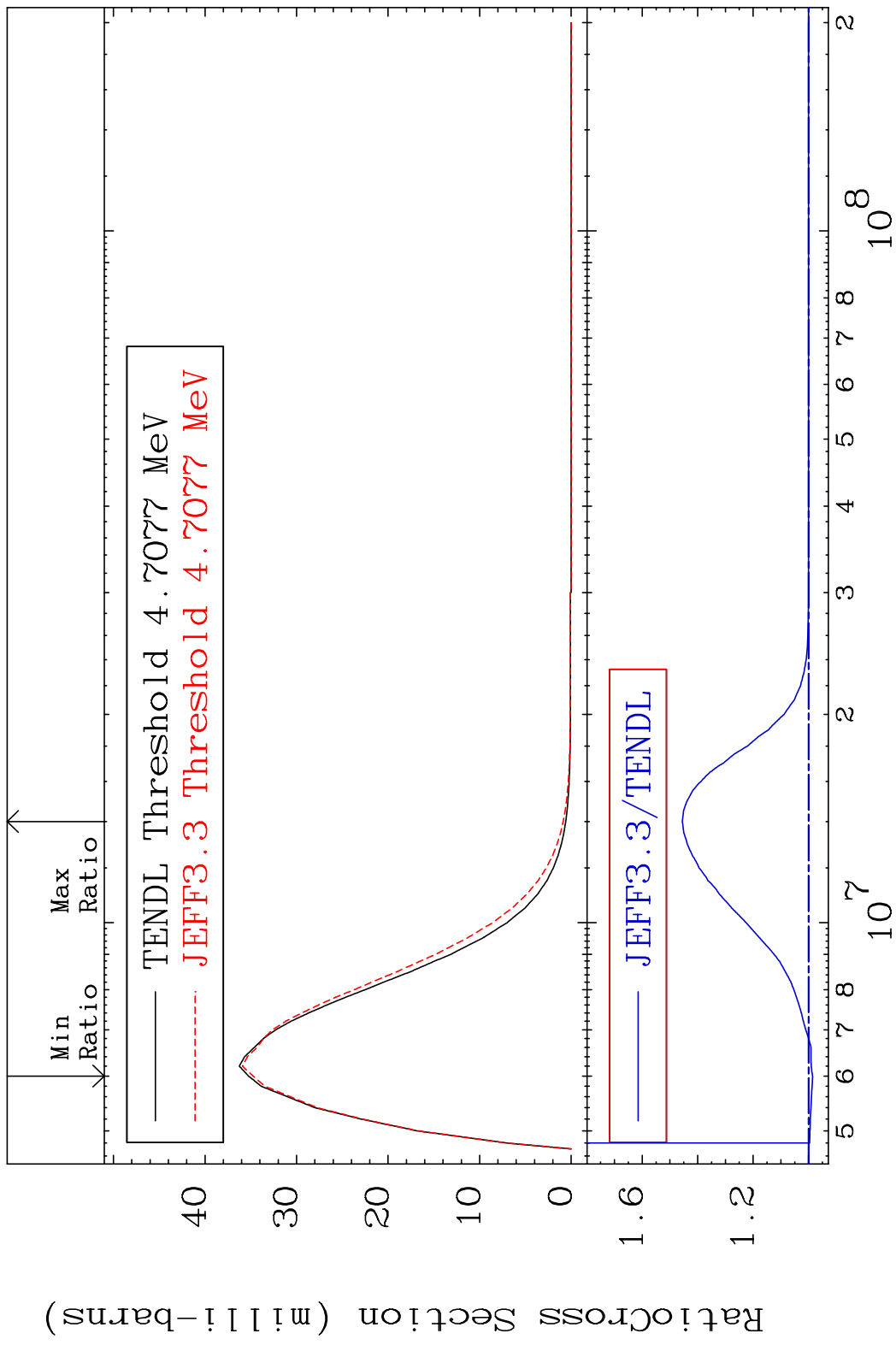
Incident Energy (eV)

18-Ar-38

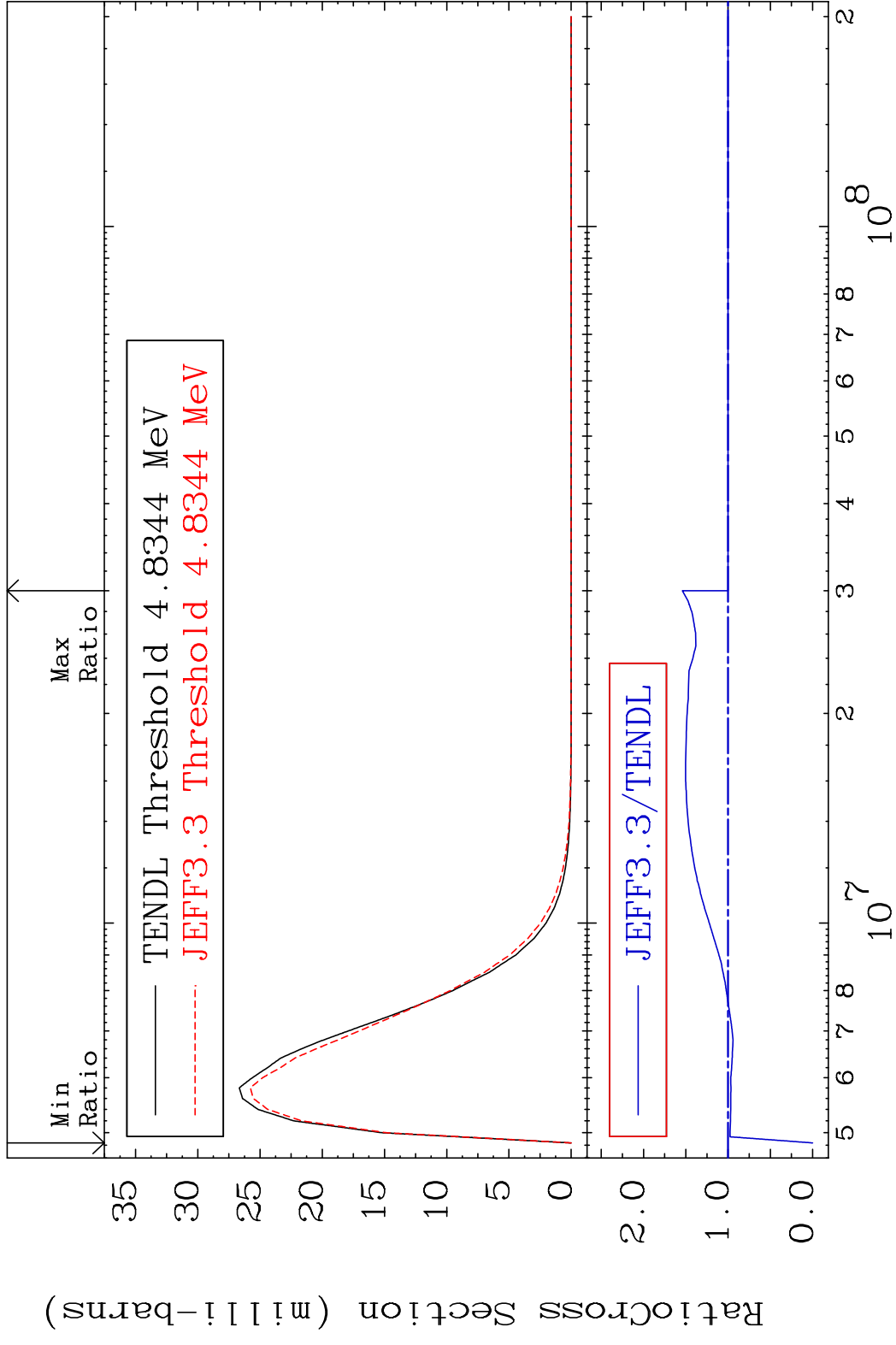
MAT 1831 MT= 56 (n,n') Level 18-Ar-38  
 Cross Section -2.874 To 37.62 %



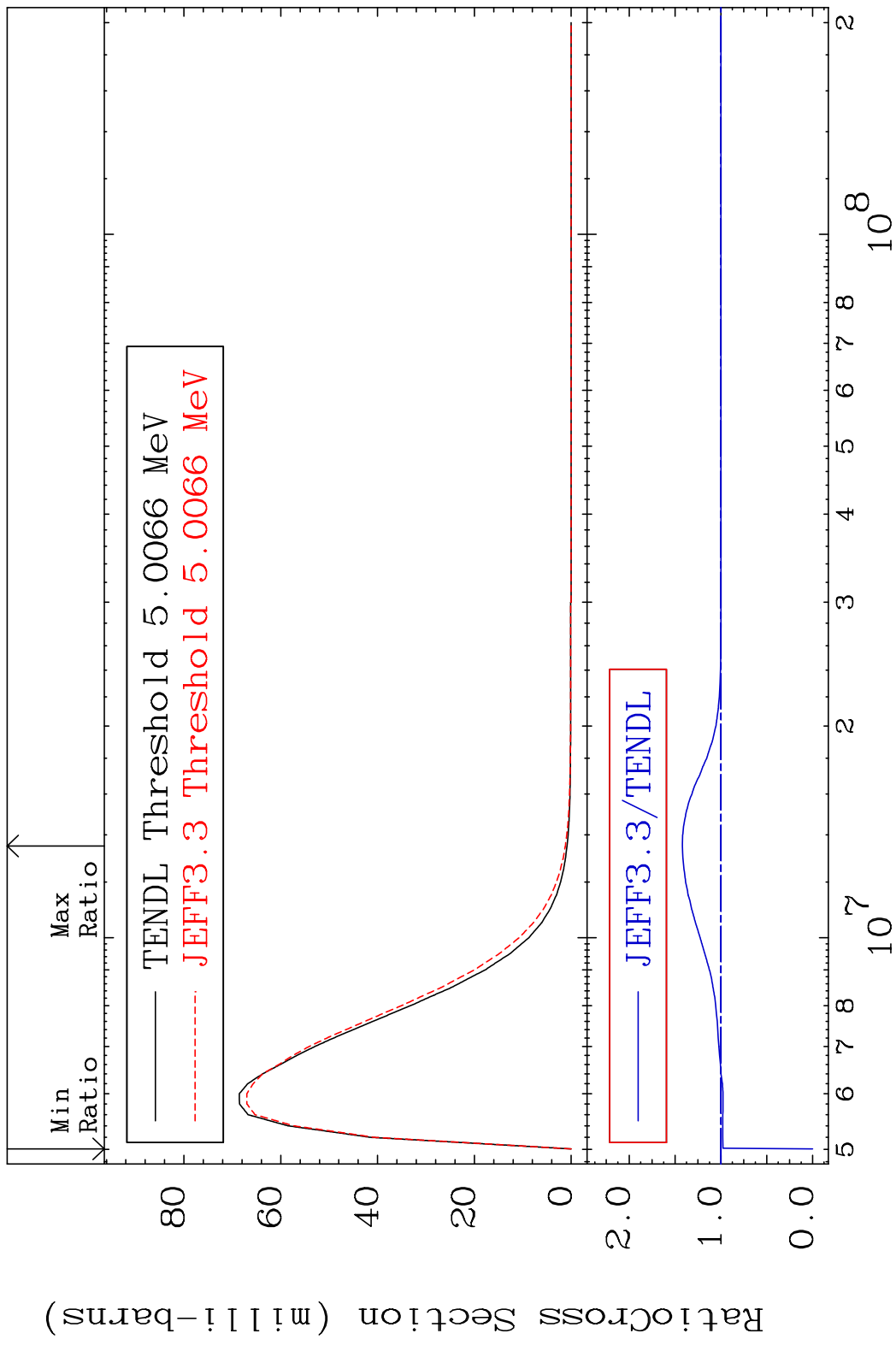
MAT 1831 MT= 57 (n, n') Level 18-Ar-38  
 Cross Section -1.422 To 45.53 %



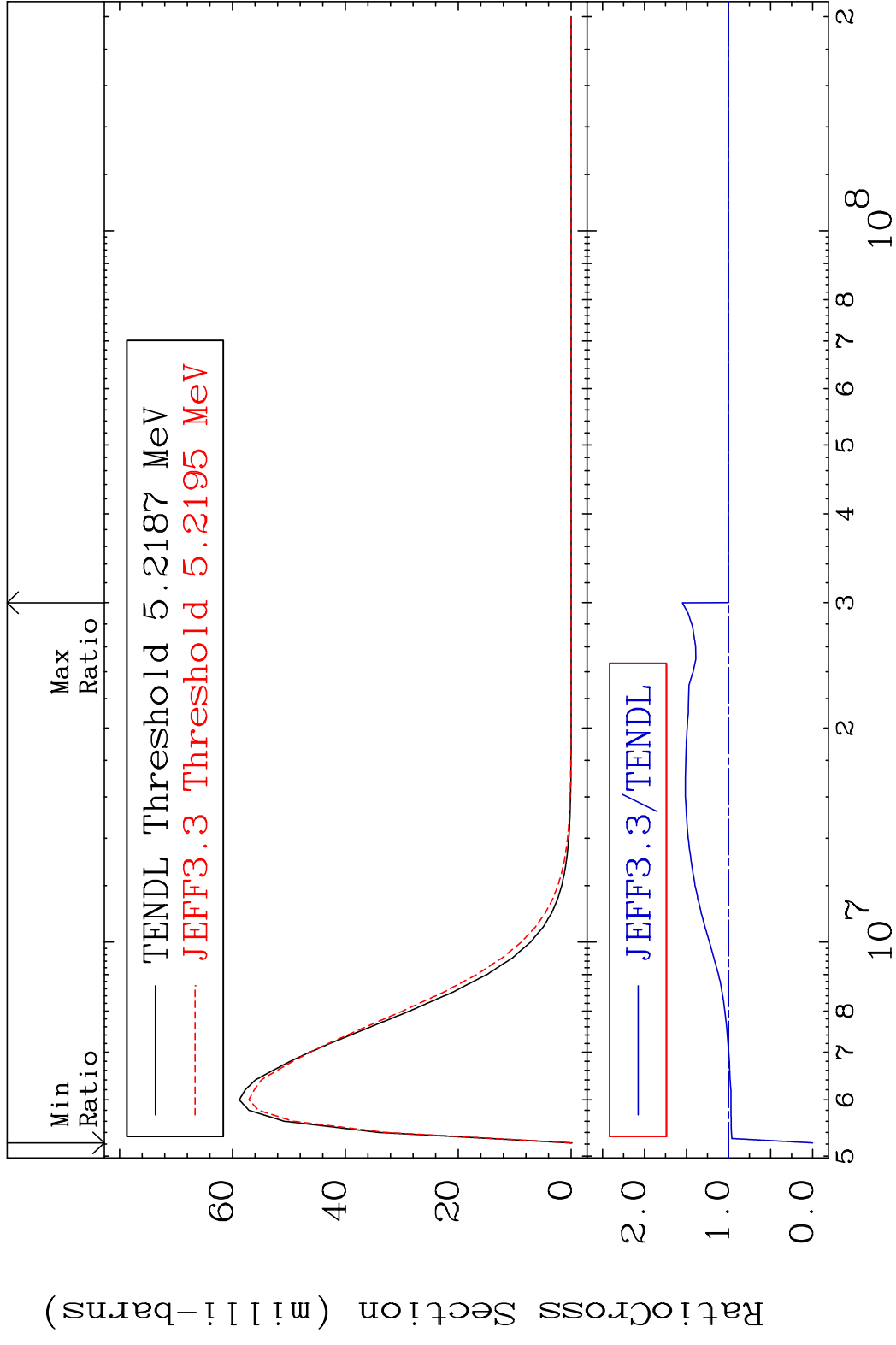
MAT 1831 MT= 58 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 54.08 %



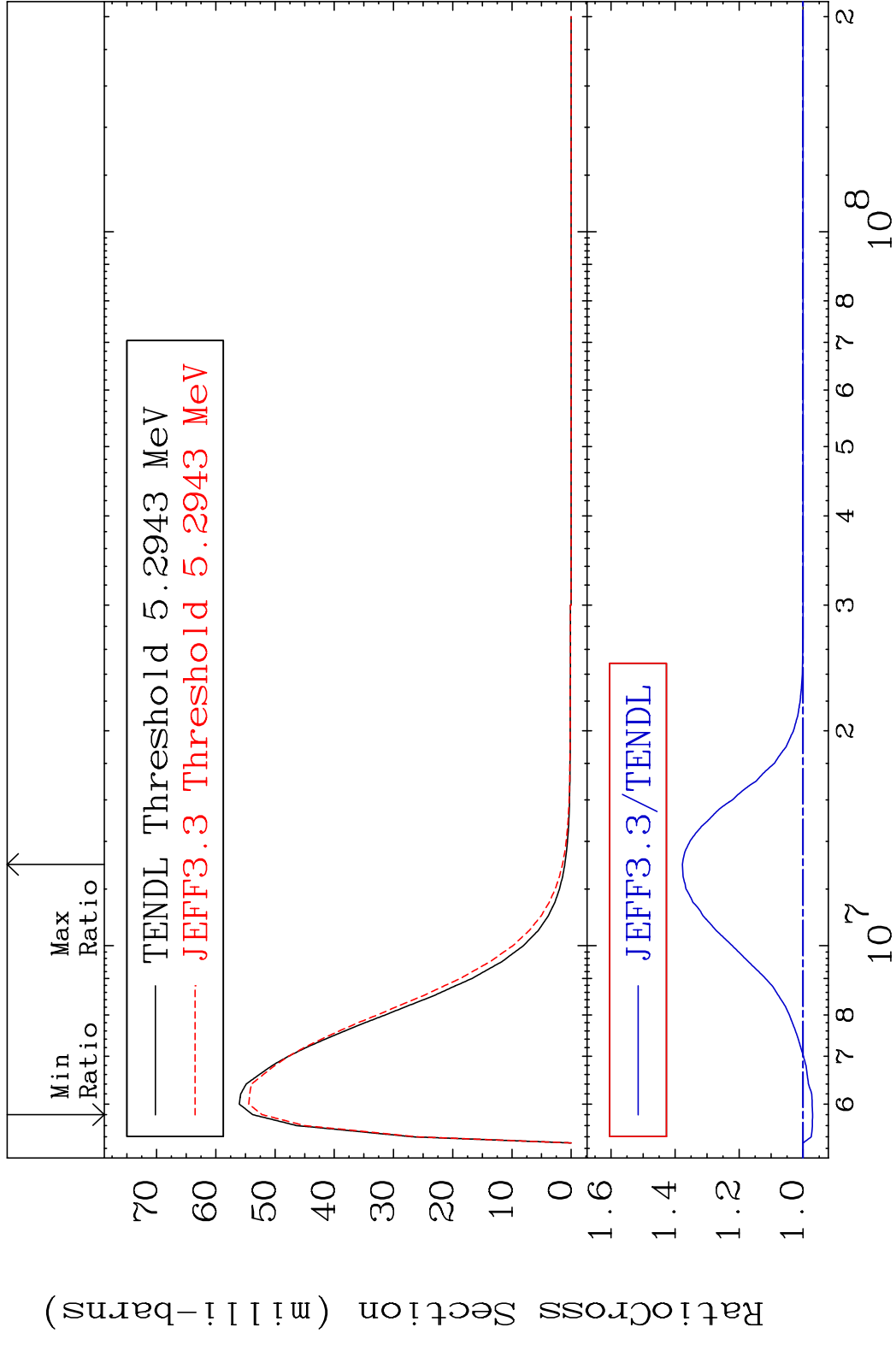
MAT 1831 MT= 59 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 42.02 %



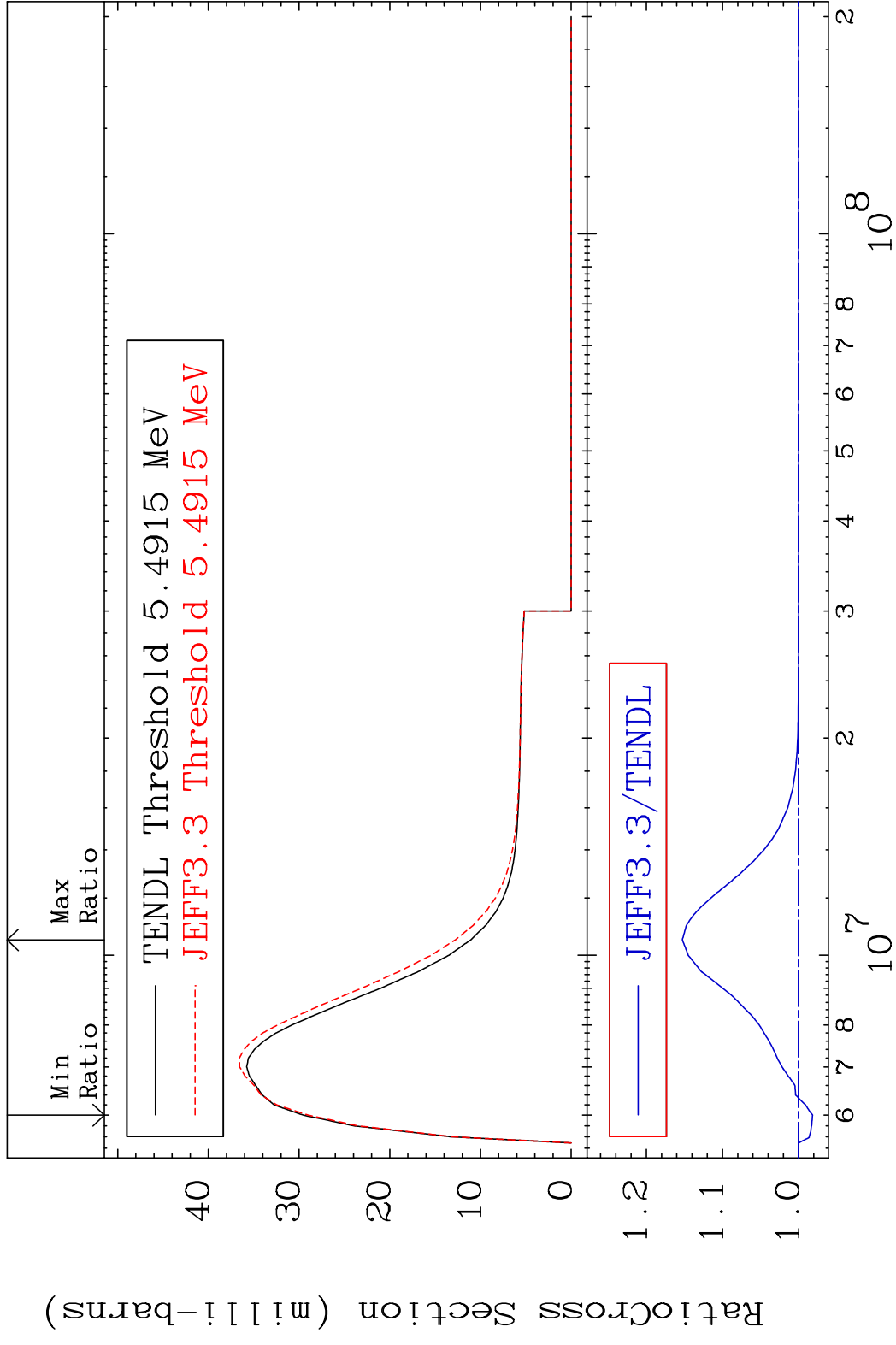
MAT 1831 MT= 60 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 54.96 %



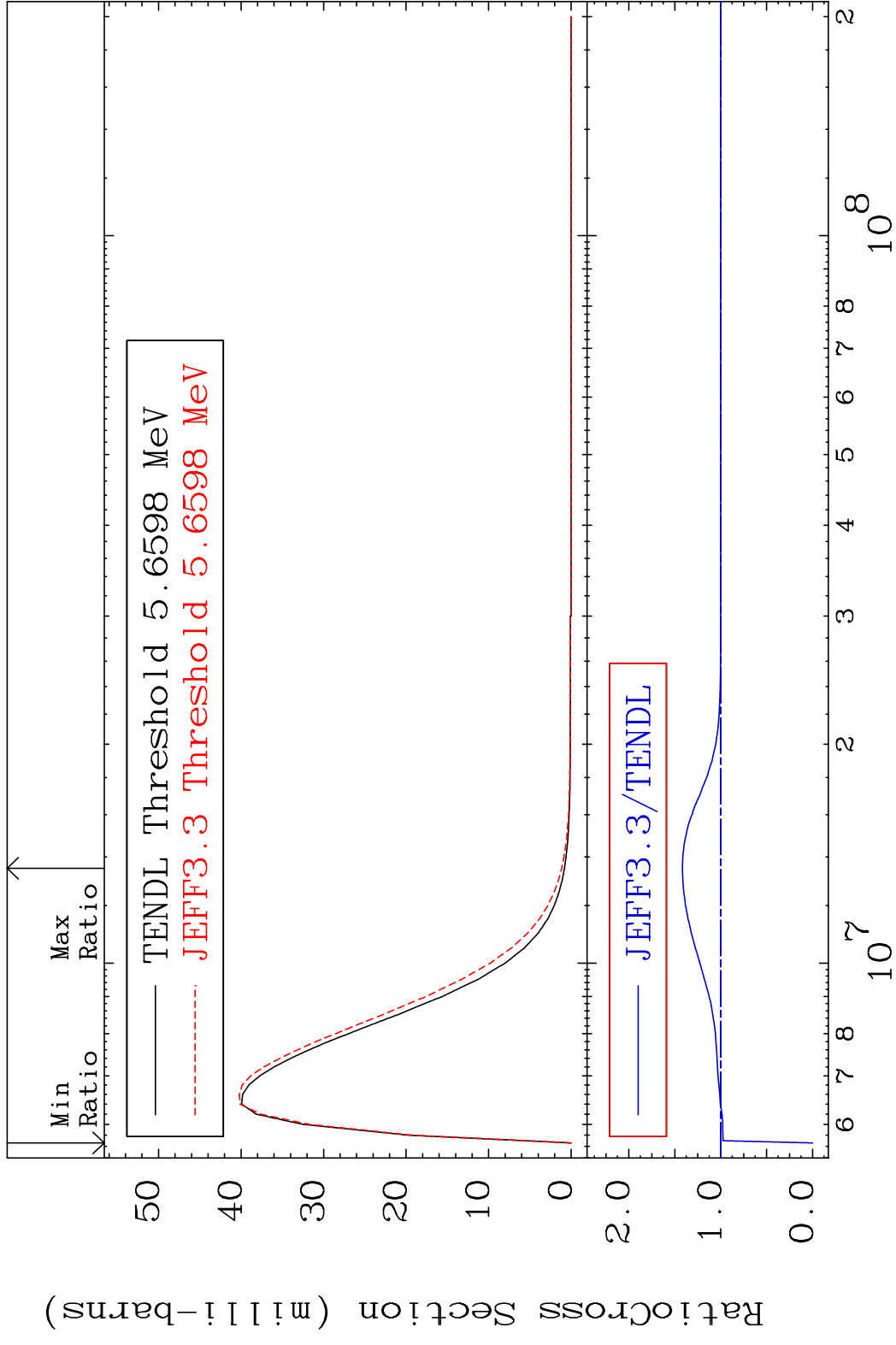
MAT 1831 MT= 61 (n, n') Level 18-Ar-38  
 Cross Section -2.952 To 37.73 %



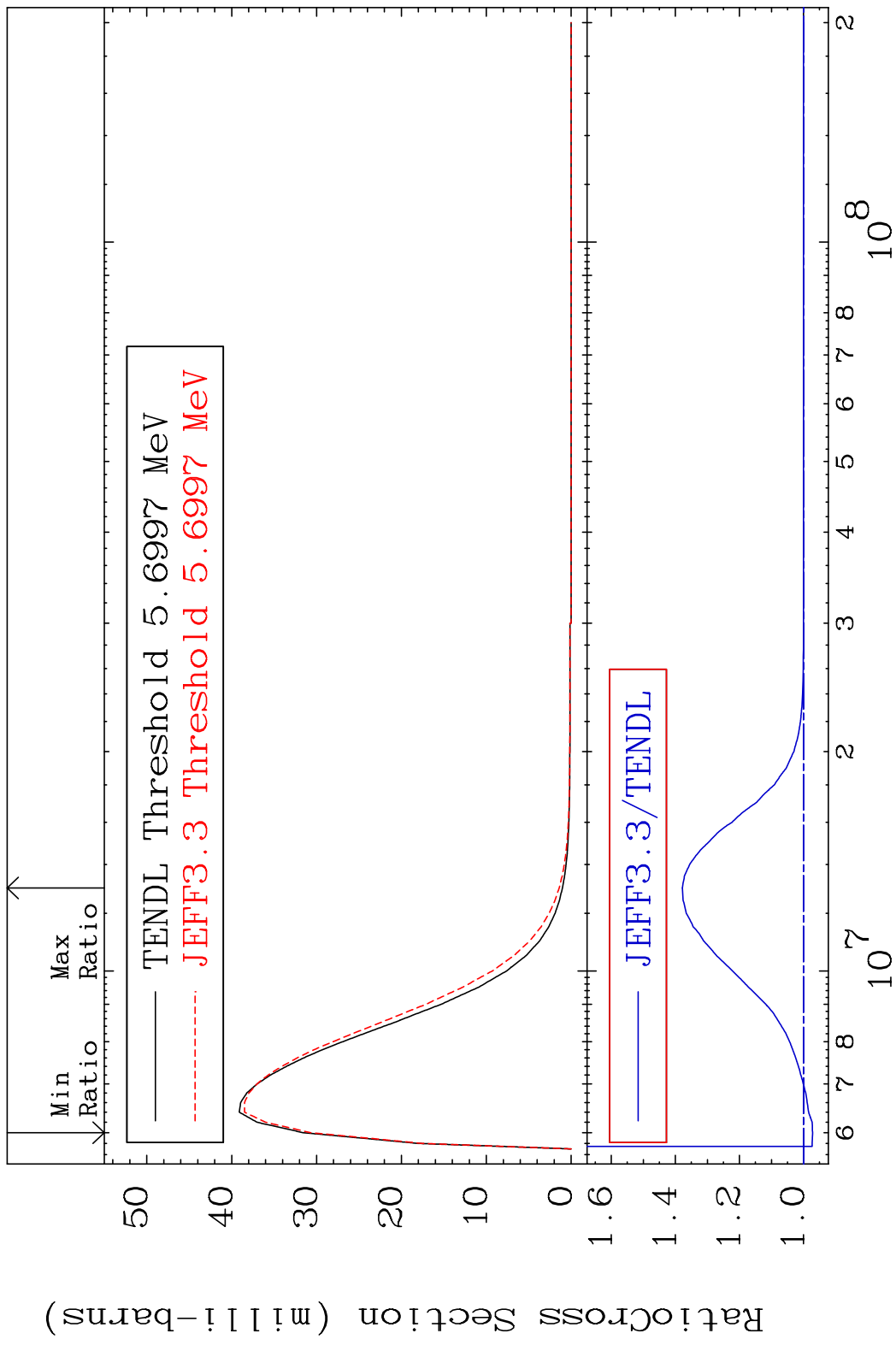
MAT 1831 MT= 62 (n, n') Level 18-Ar-38  
 Cross Section -1.829 To 15.27 %



MAT 1831 MT= 63 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 41.75 %



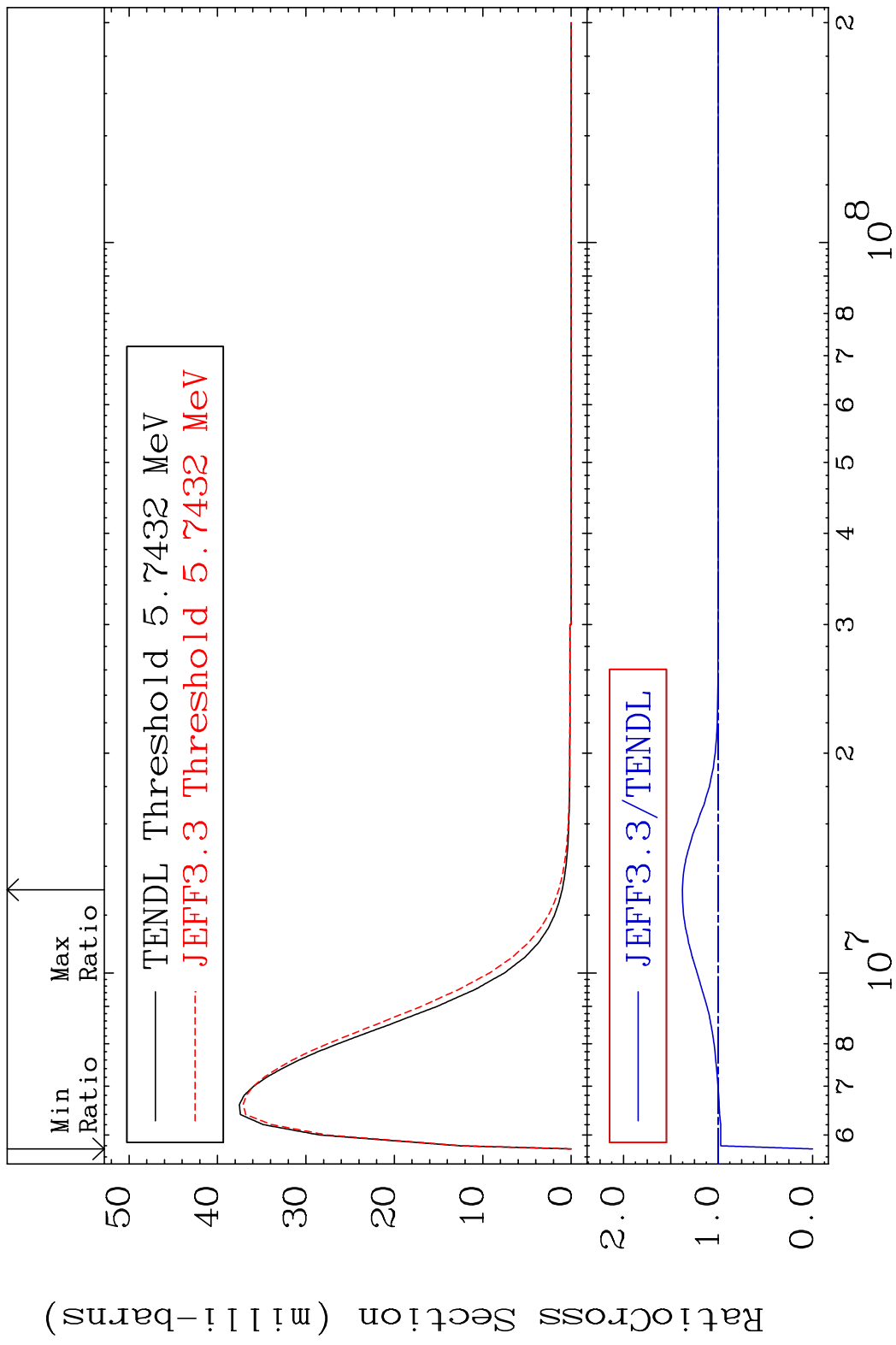
MAT 1831 MT= 64 (n, n') Level 18-Ar-38  
 Cross Section -2.827 To 37.81 %



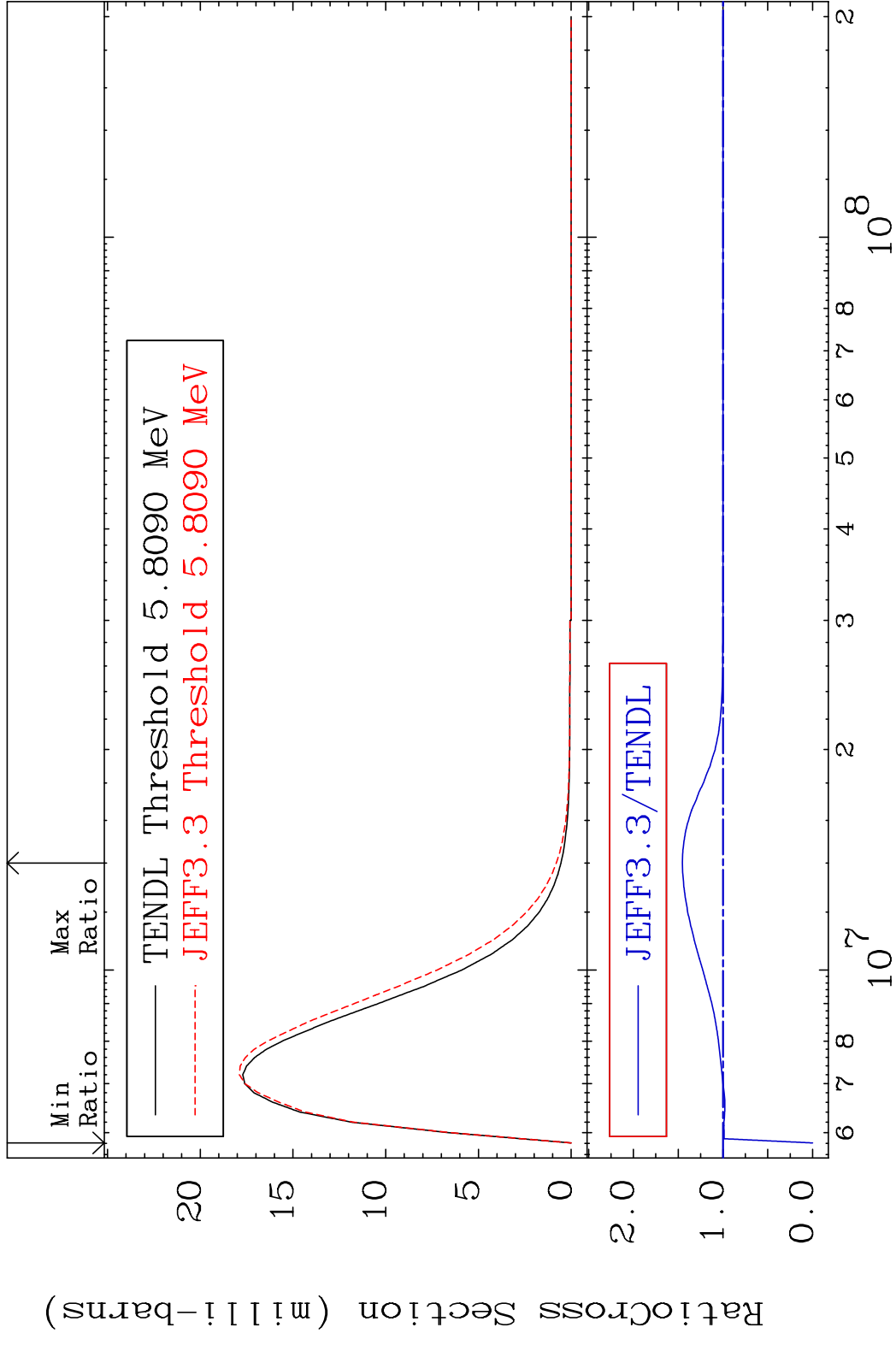
30

Incident Energy (eV) 18-Ar-38

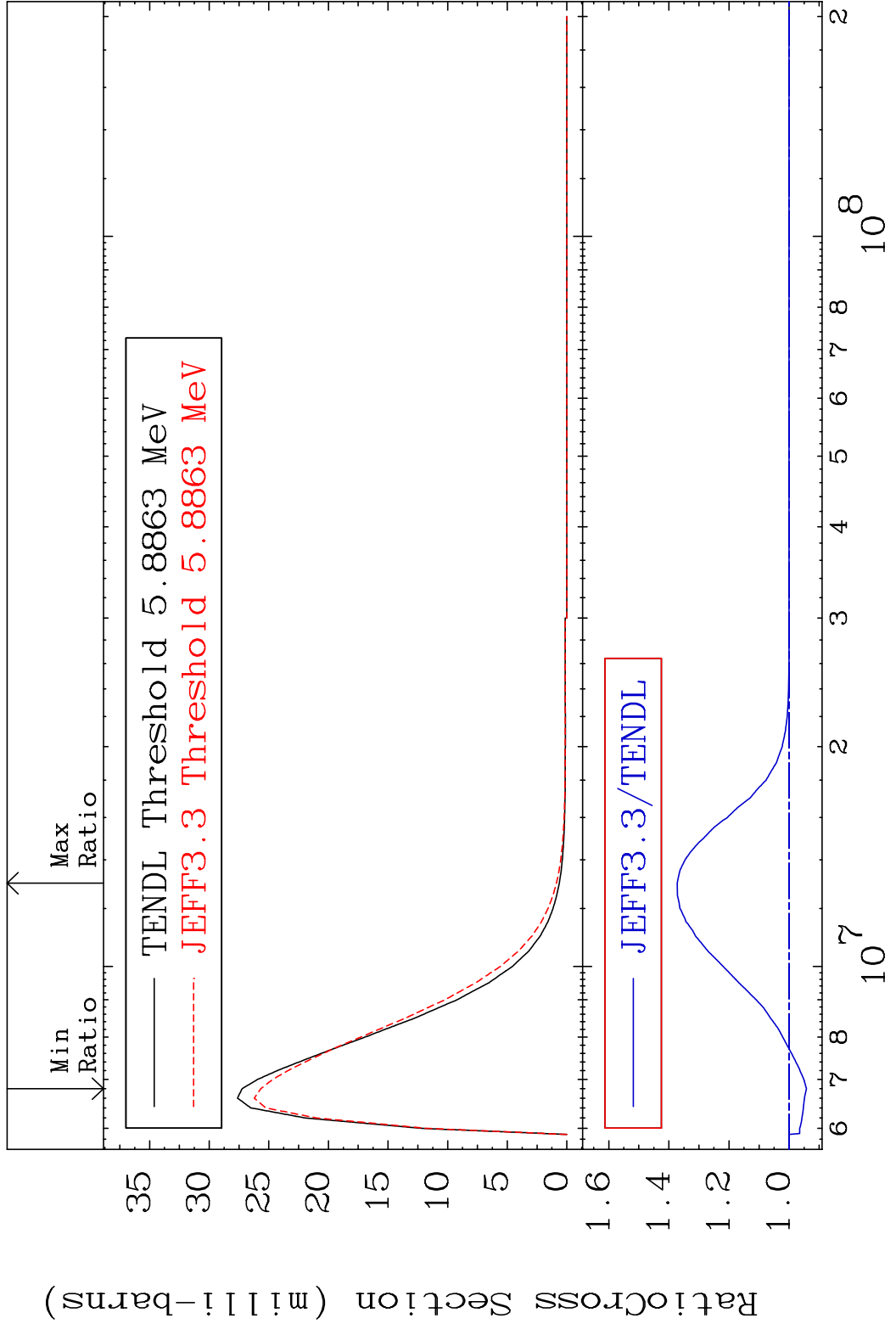
MAT 1831 MT= 65 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 37.82 %



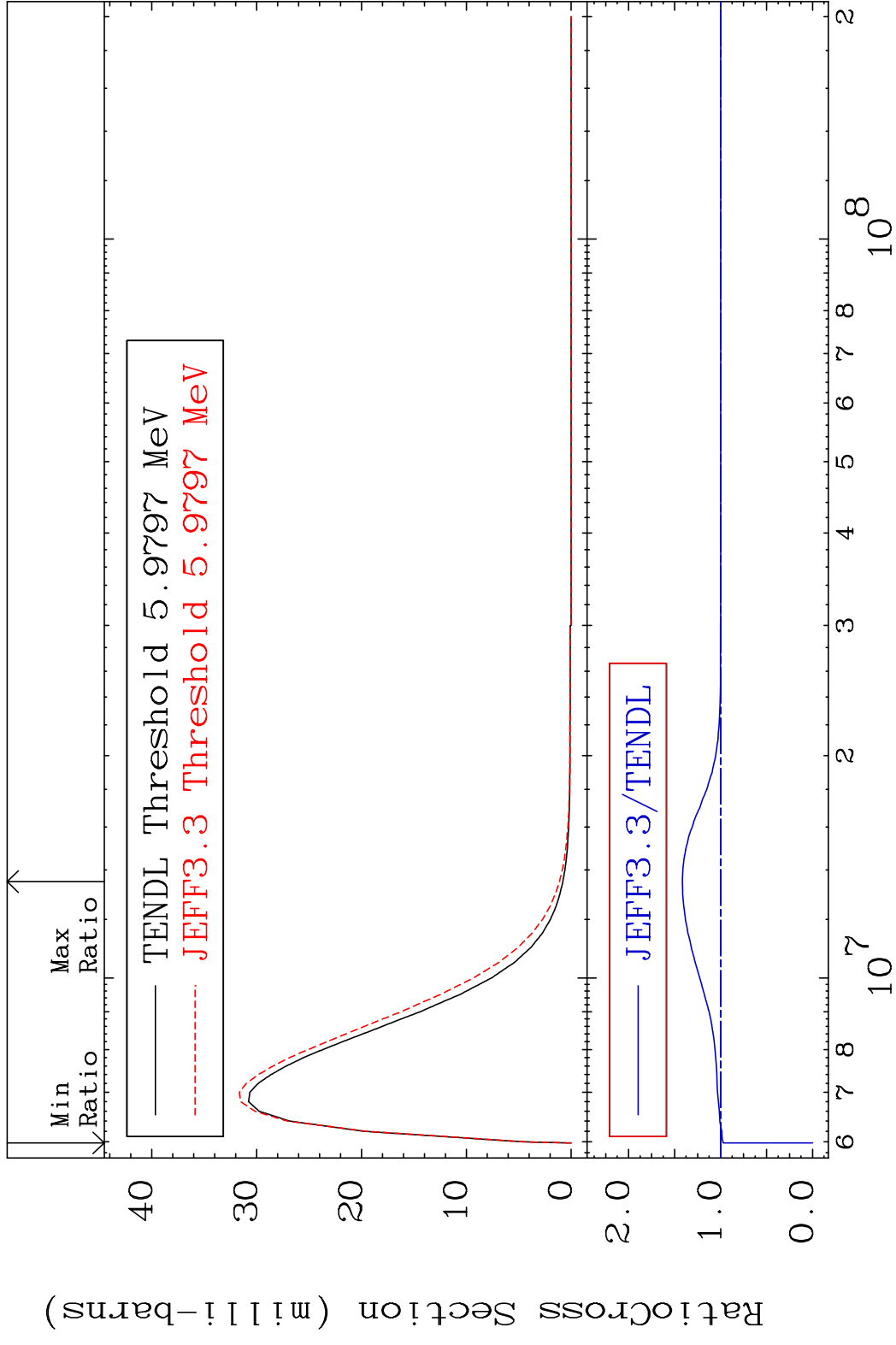
MAT 1831 MT= 66 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 45.34 %



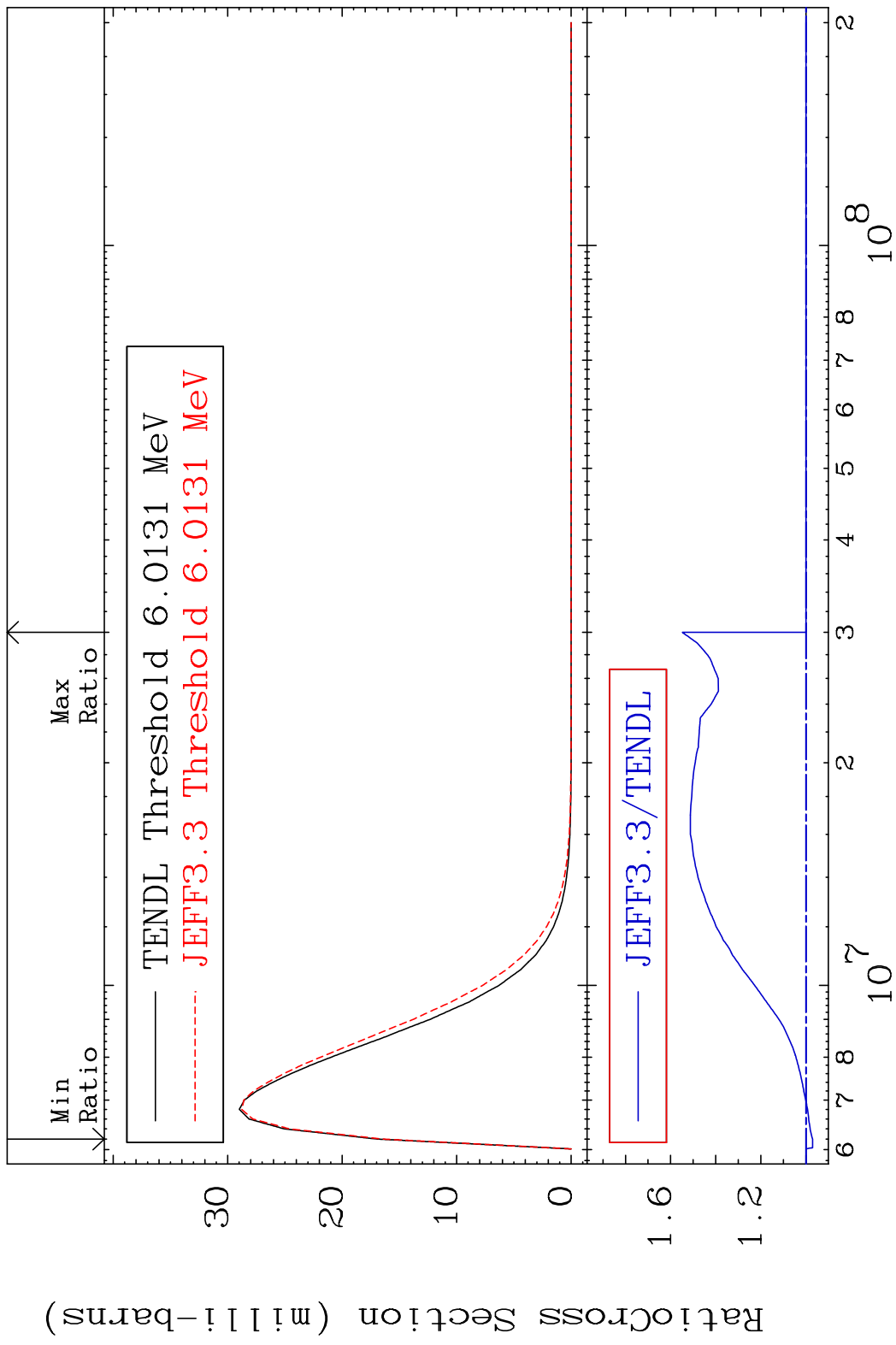
MAT 1831 MT= 67 (n, n') Level 18-Ar-38  
 Cross Section -5.751 To 37.25 %



MAT 1831 MT= 68 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 41.60 %

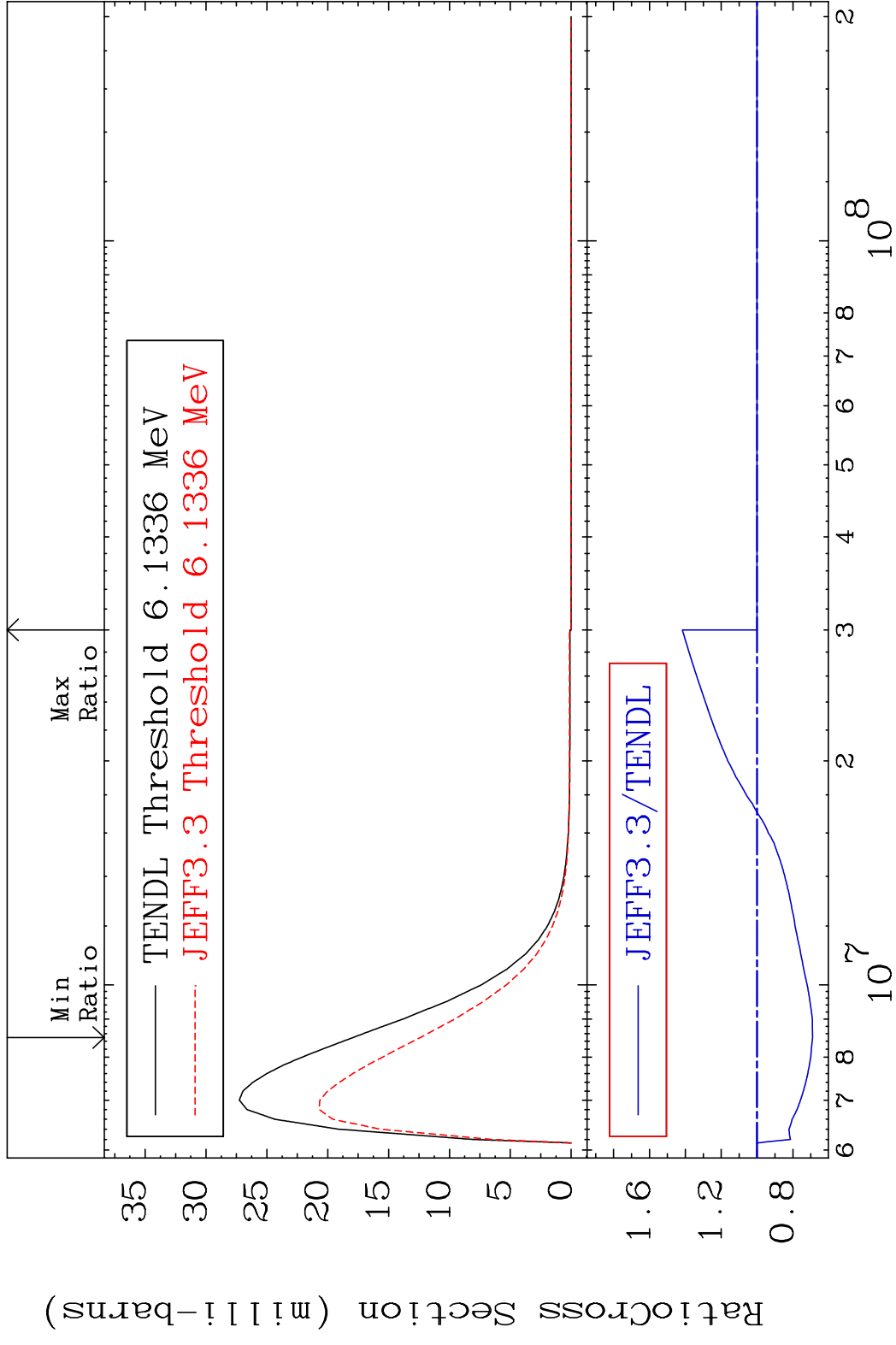


MAT 1831 MT= 69 (n, n') Level 18-Ar-38  
 Cross Section -2.901 To 54.80 %



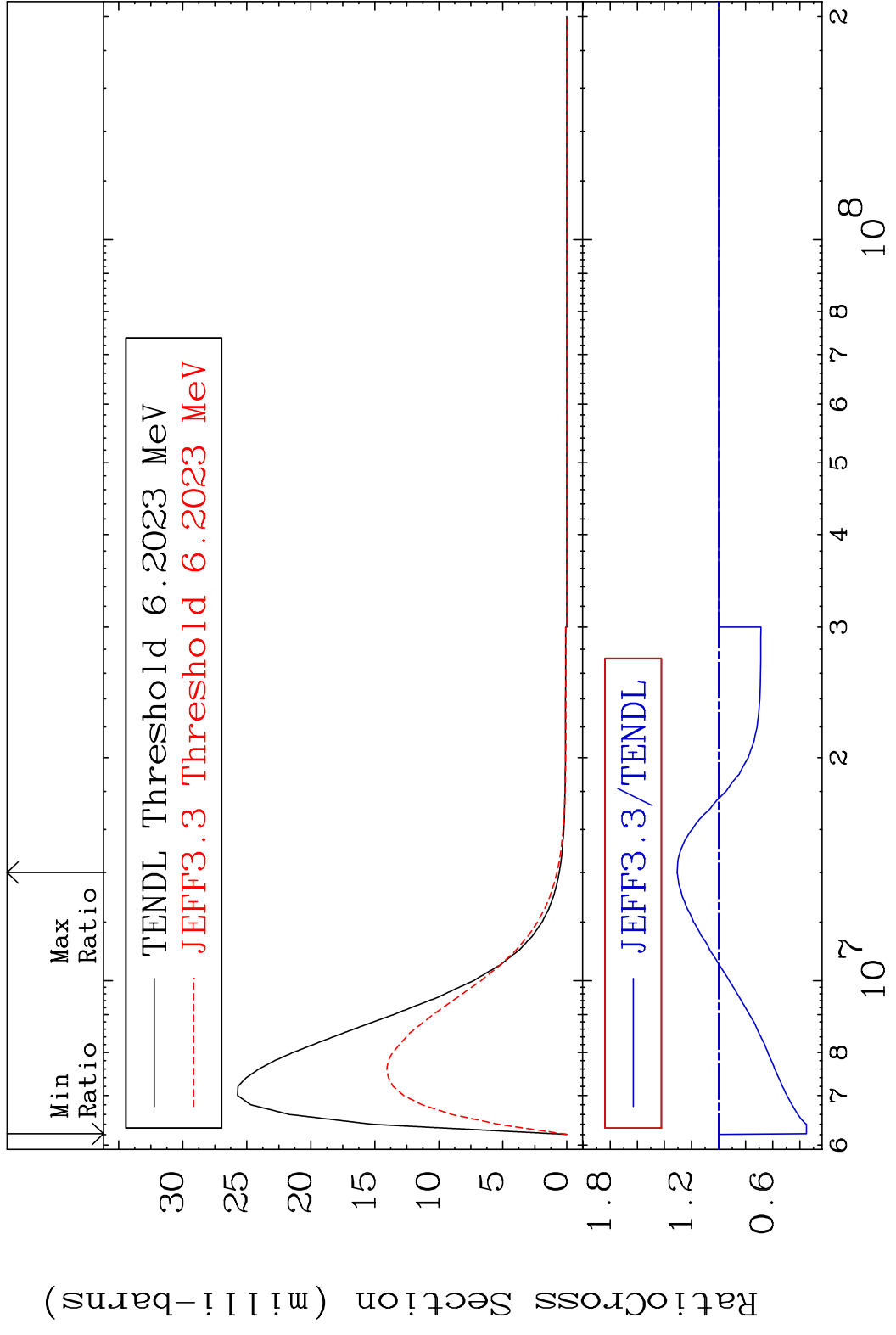
35 18-Ar-38

MAT 1831 MT= 70 (n,n') Level 18-Ar-38  
 Cross Section -30.93 To 41.66 %

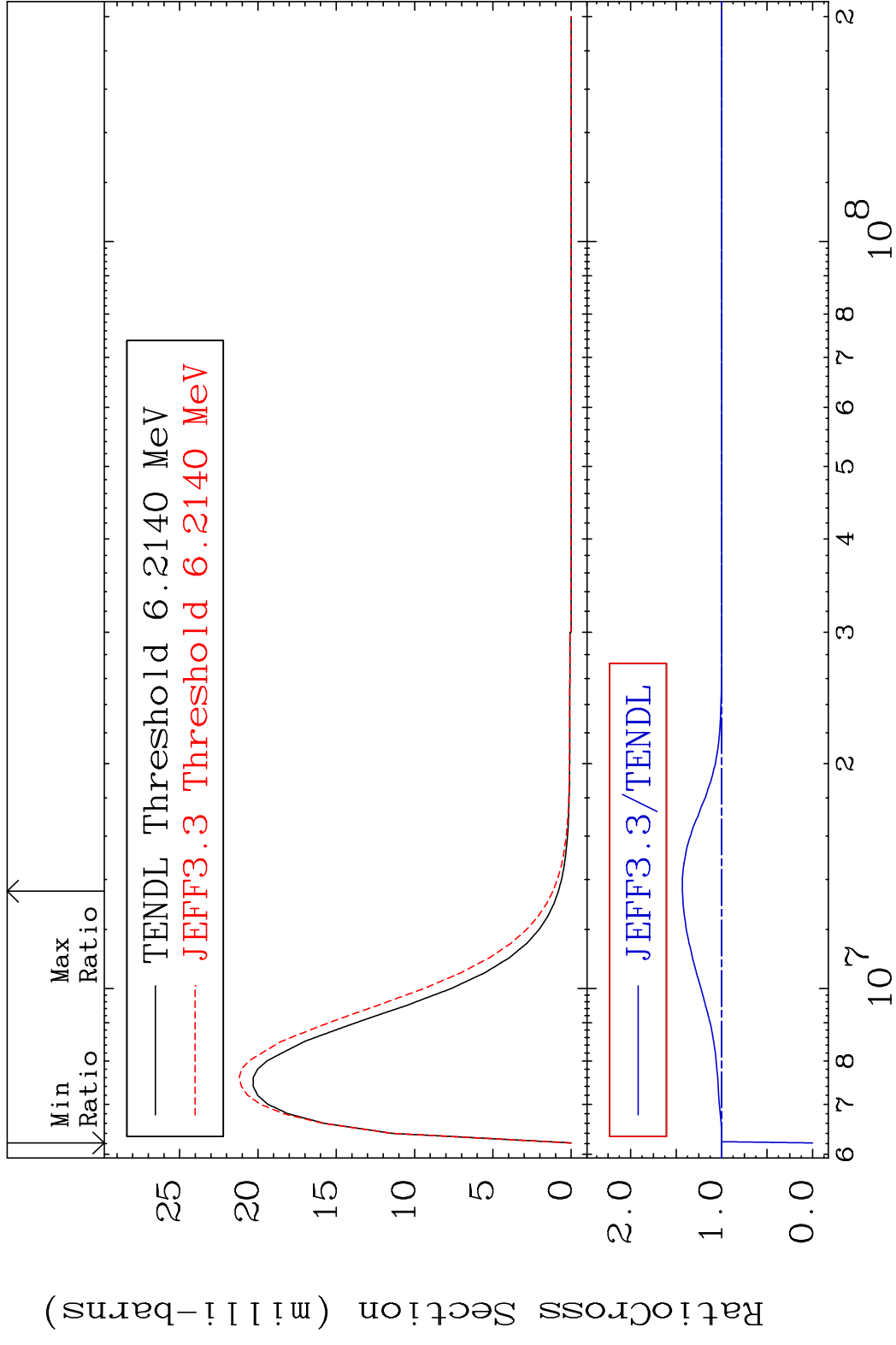


36 Incident Energy (eV) 18-Ar-38

MAT 1831 MT= 71 (n, n') Level 18-Ar-38  
 Cross Section -64.82 To 30.56 %

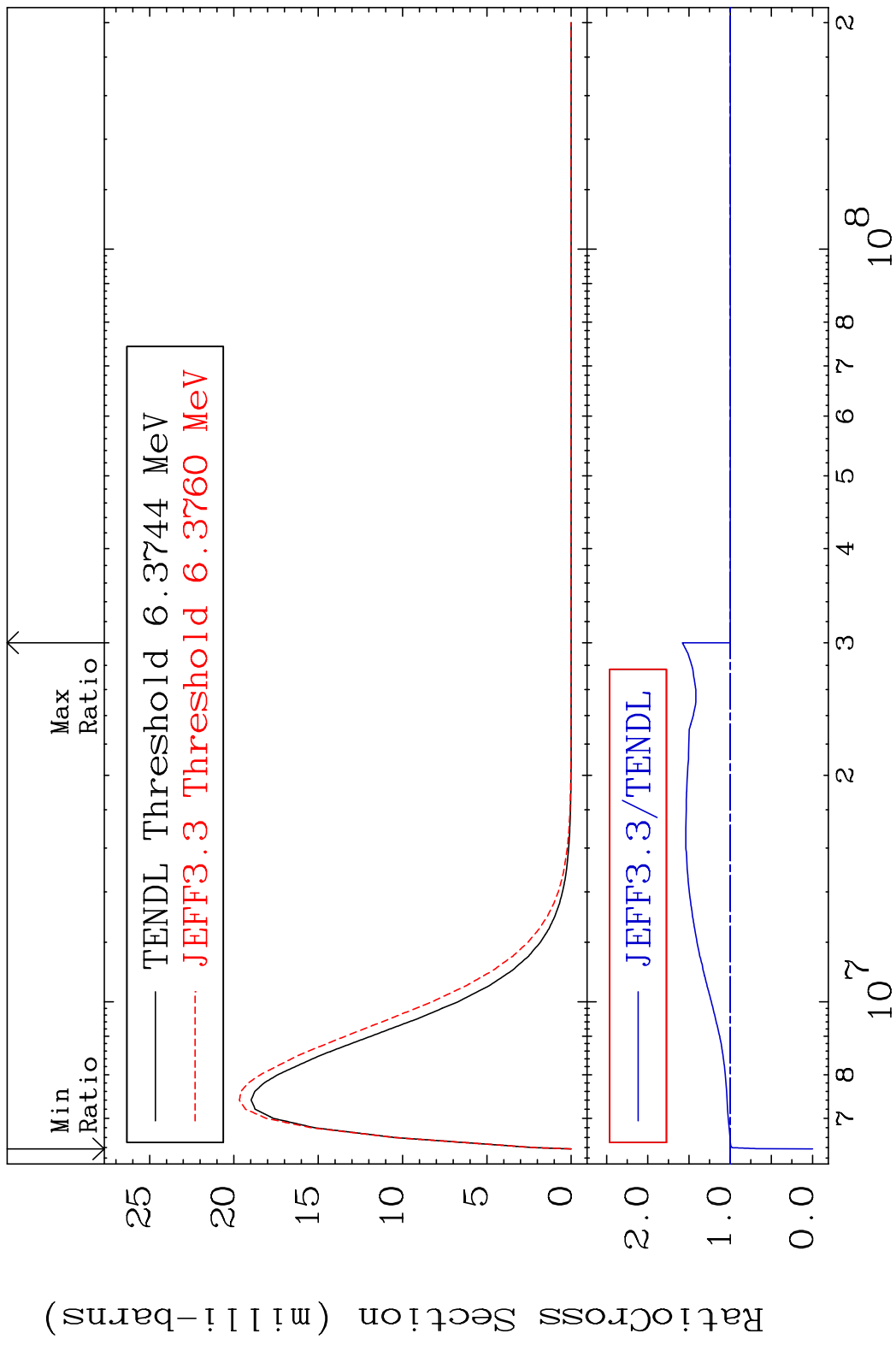


MAT 1831 MT= 72 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 43.17 %



38 Incident Energy (eV) 18-Ar-38

MAT 1831 MT= 73 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 58.09 %

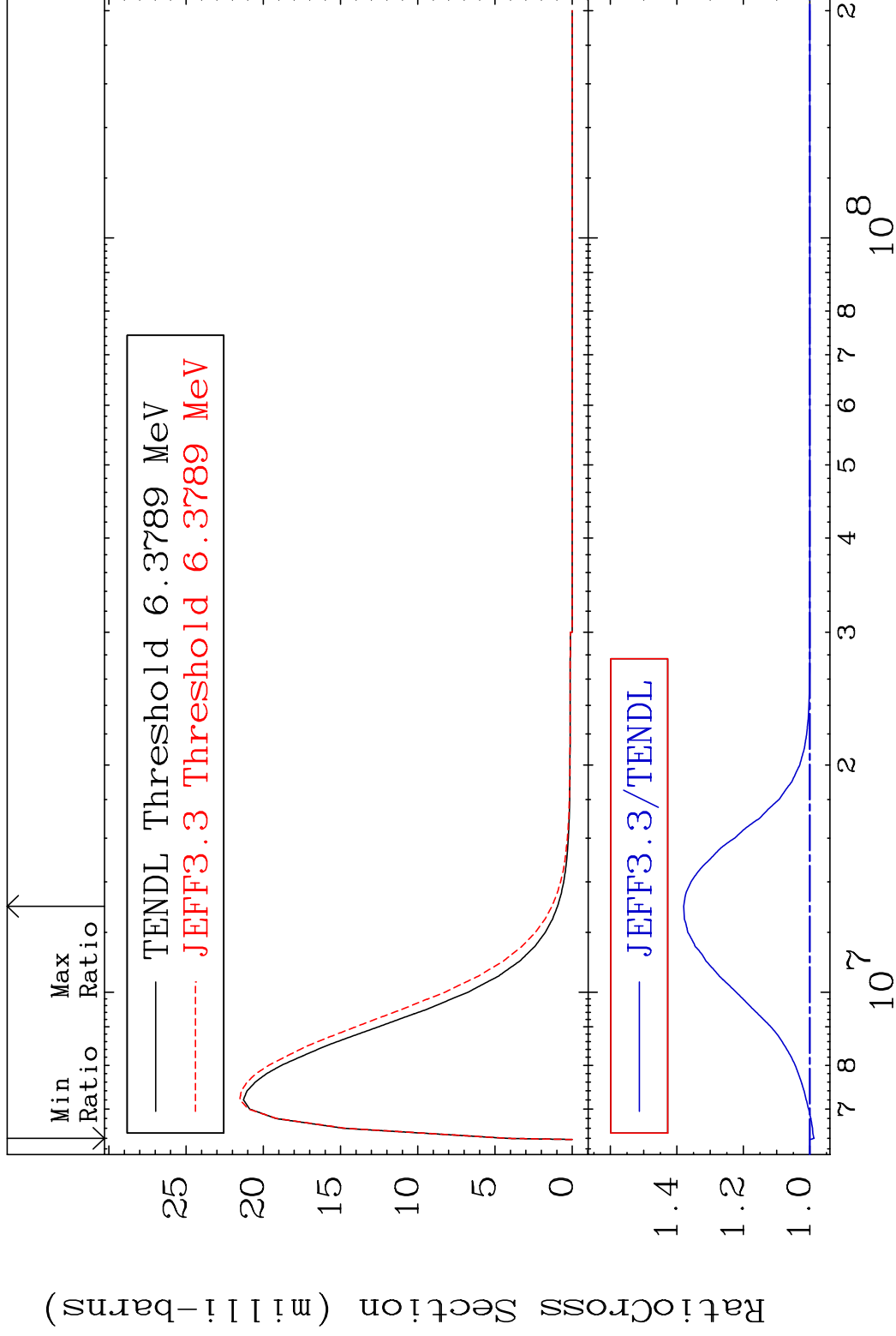


MAT 1831

MT= 74 (n,n') Level

18-Ar-38

Cross Section -1.269 To 37.97 %



40

Incident Energy (eV)

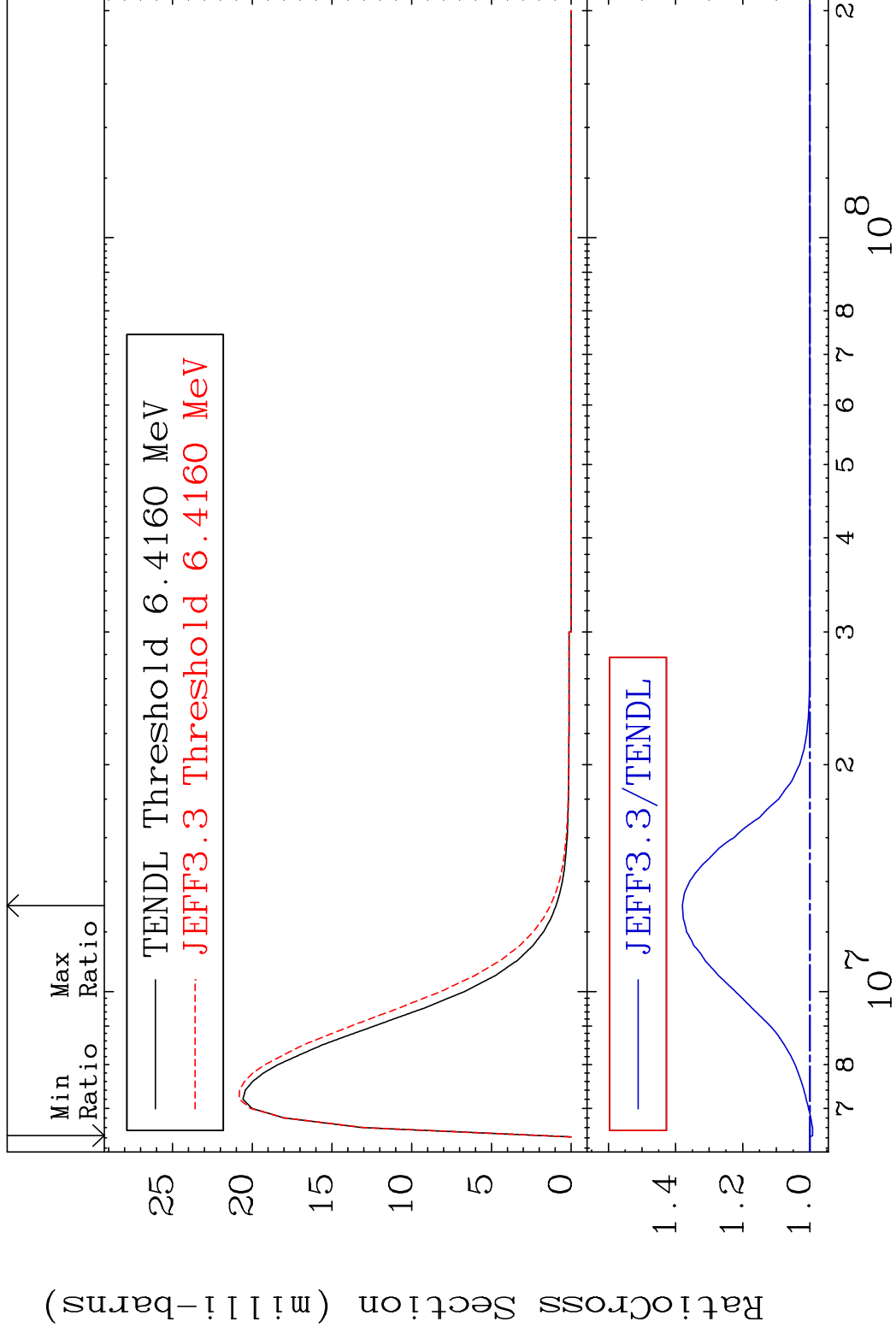
18-Ar-38

MAT 1831

MT= 75 (n,n') Level

18-Ar-38

Cross Section -0.774 To 37.98 %

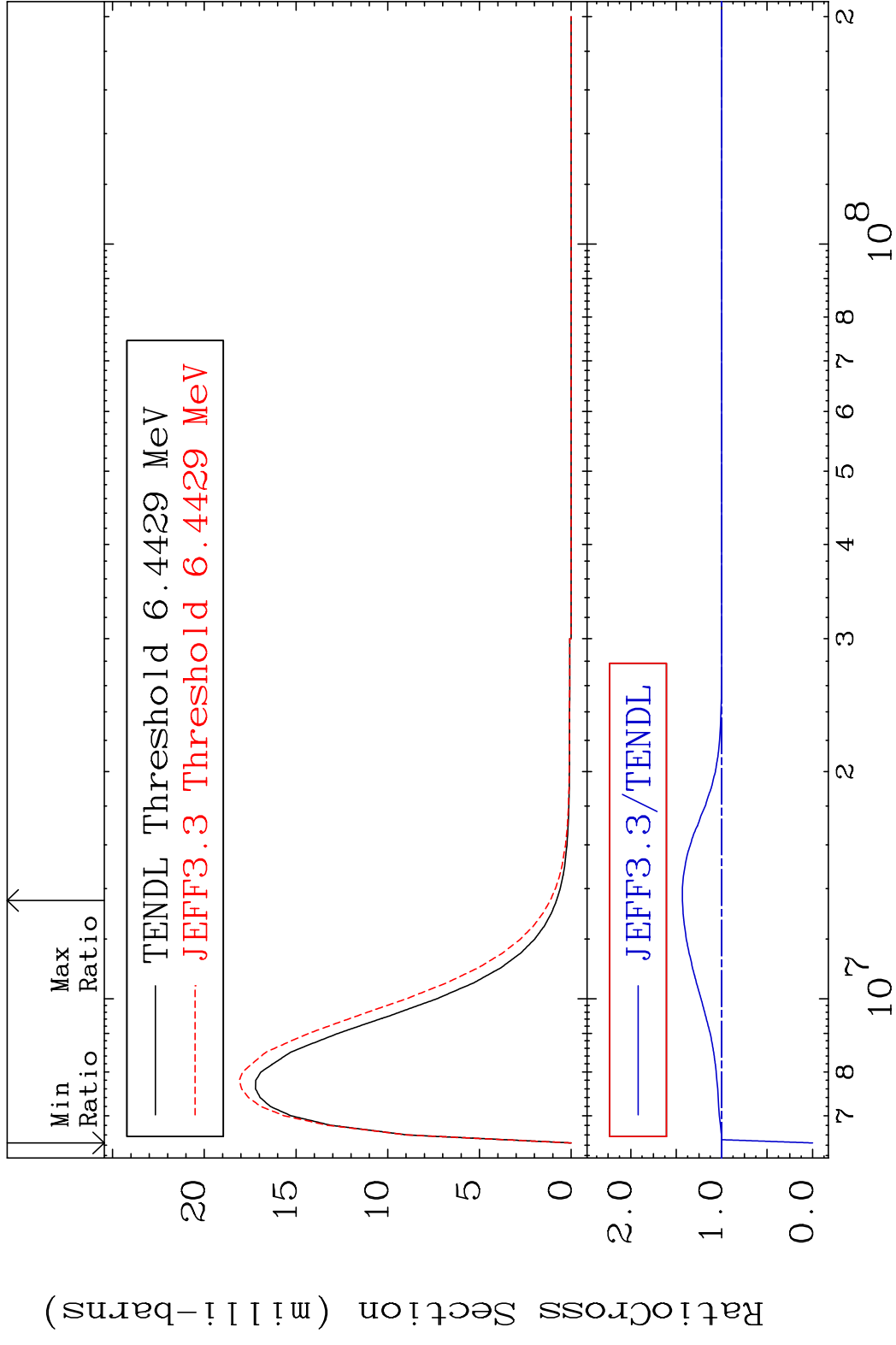


41

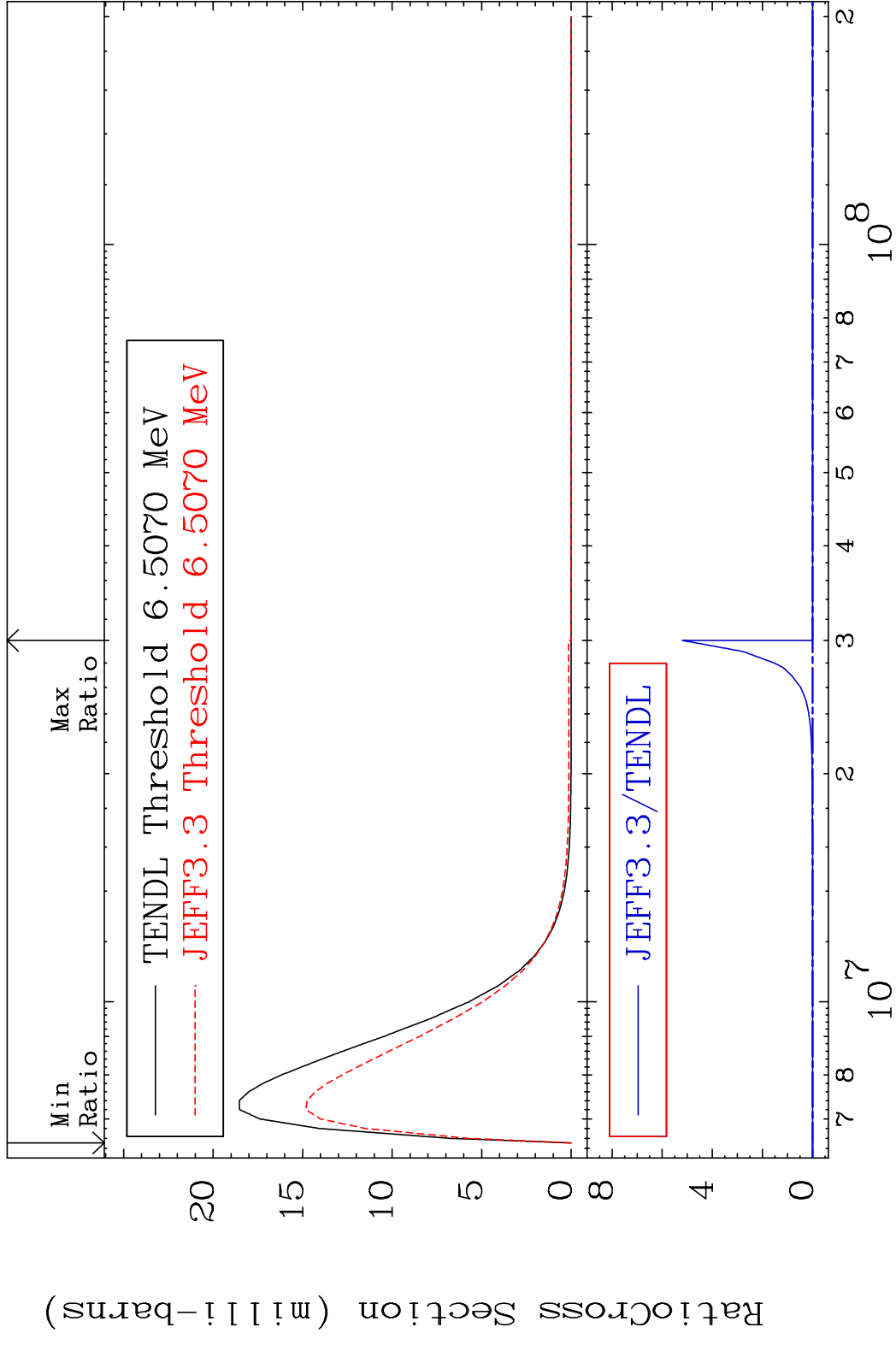
Incident Energy (eV)

18-Ar-38

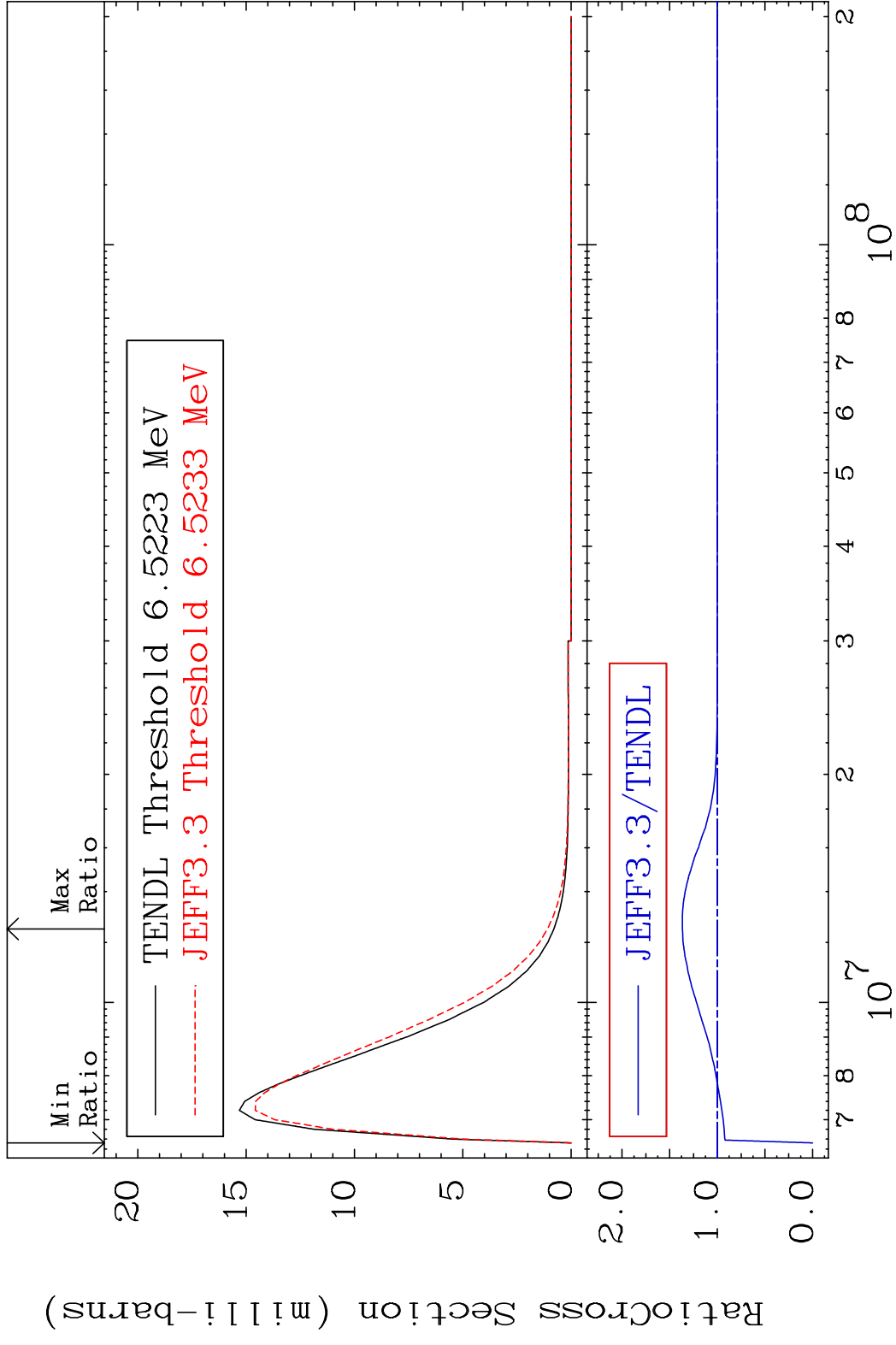
MAT 1831 MT= 76 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 43.23 %



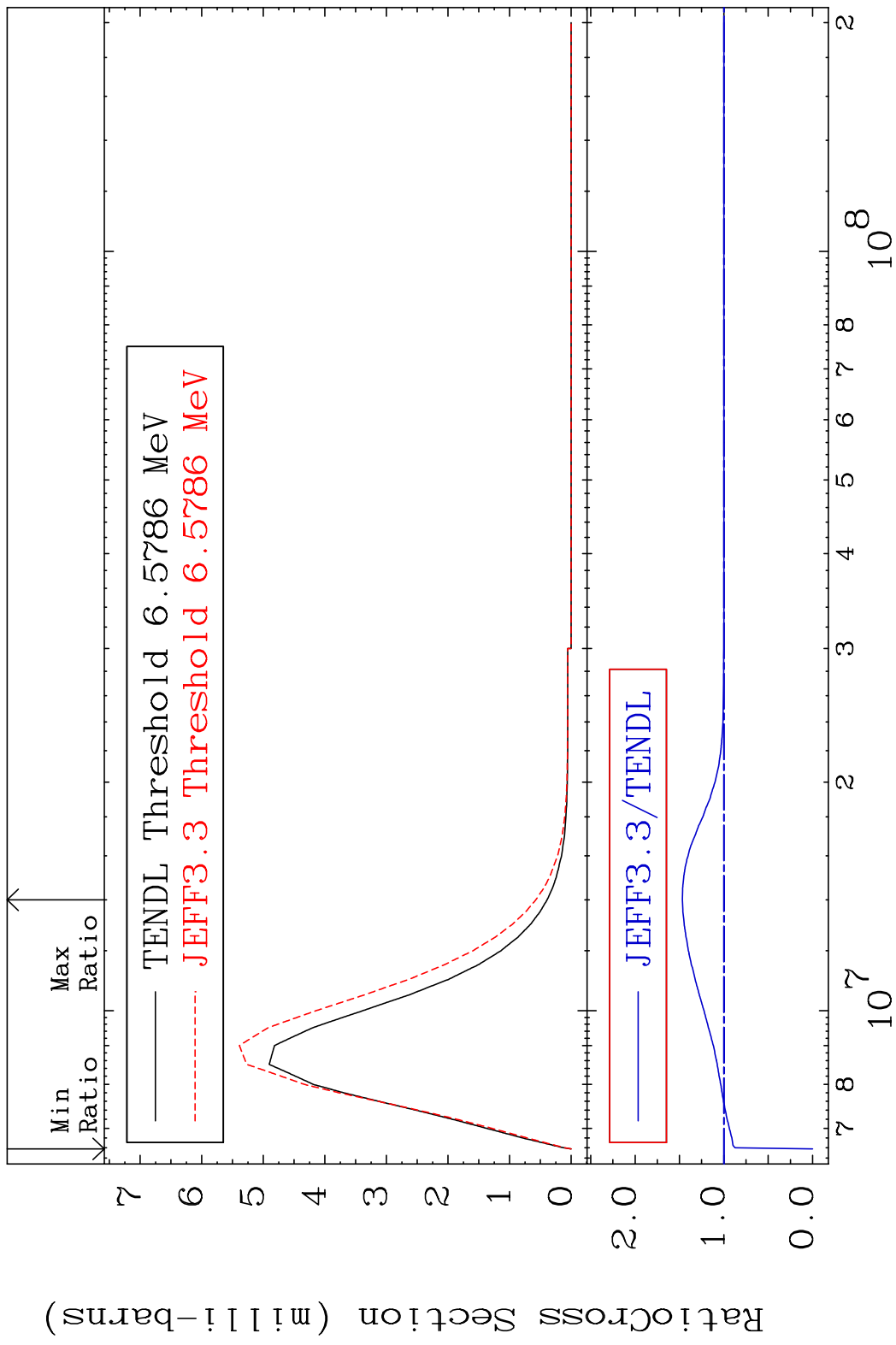
MAT 1831 MT= 77 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 9999. %



MAT 1831 MT= 78 (n,n') Level 18-Ar-38  
 Cross Section -100.0 To 36.69 %

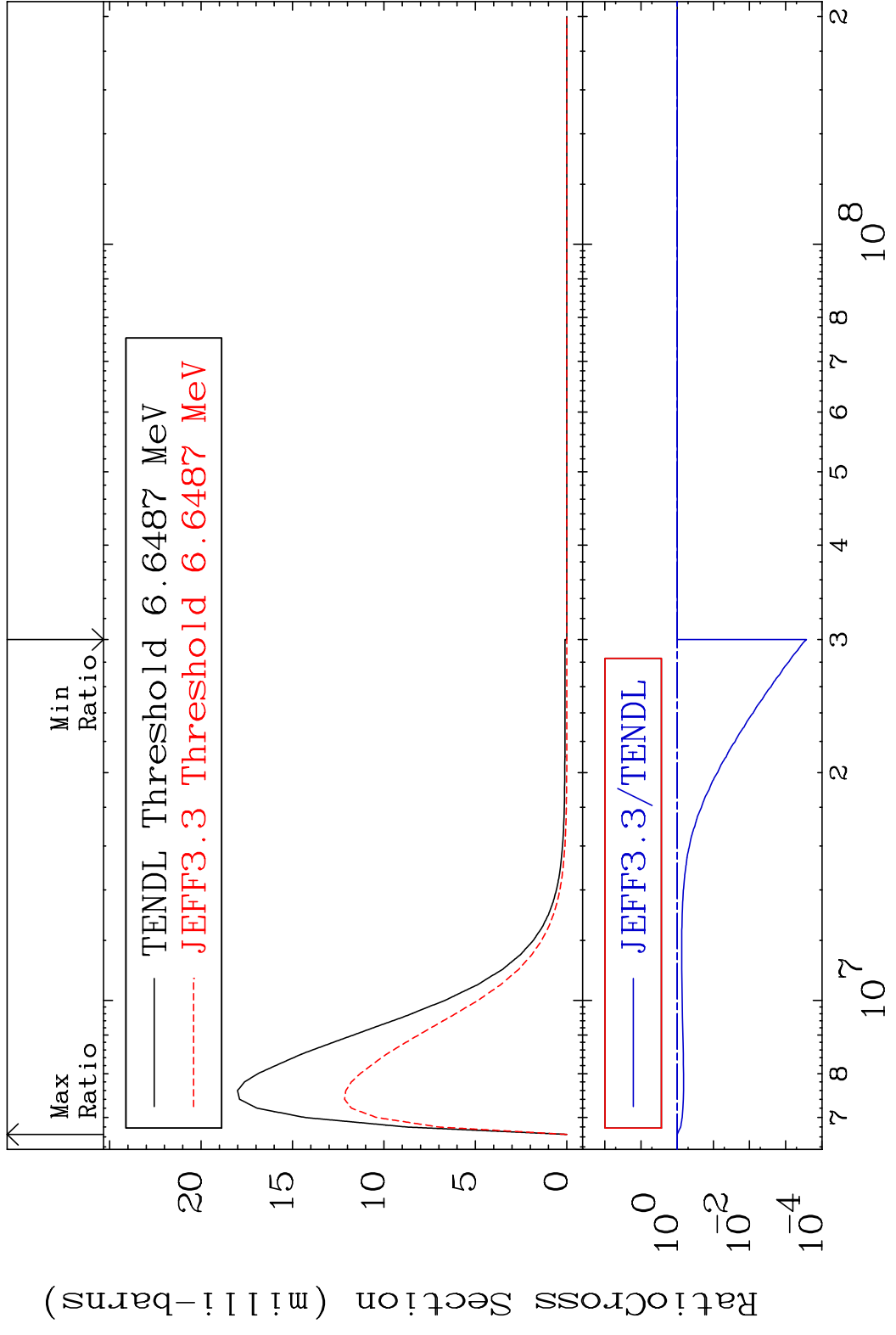


MAT 1831 MT= 79 (n, n') Level 18-Ar-38  
 Cross Section -100.0 To 46.73 %



45 18-Ar-38

MAT 1831 MT= 80 (n,n') Level 18-Ar-38  
 Cross Section -99.97 To 0.000 %

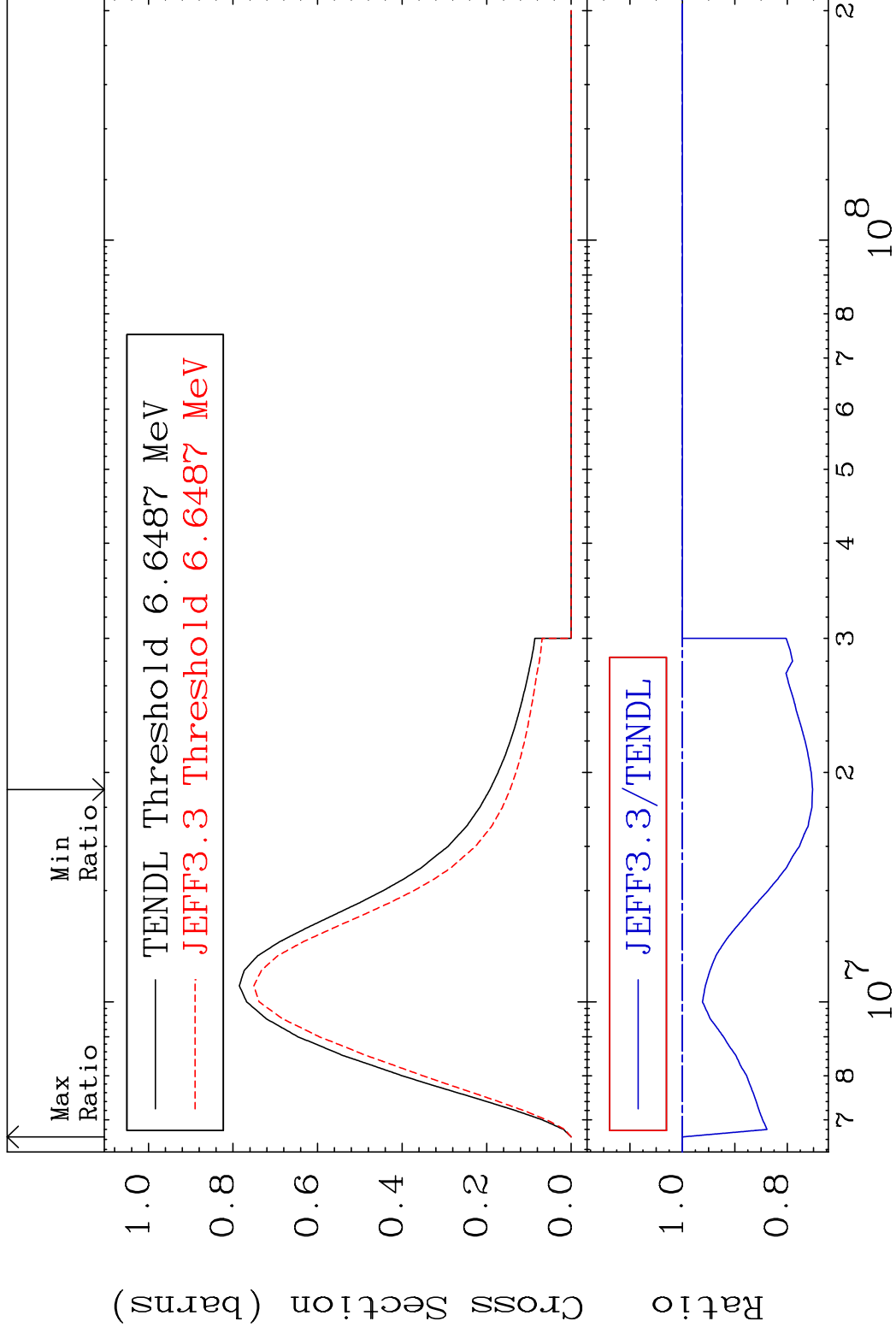


MAT 1831

(n, n') Continuum

18-Ar-38

Cross Section -24.82 To 0.000 %



47

Incident Energy (eV)

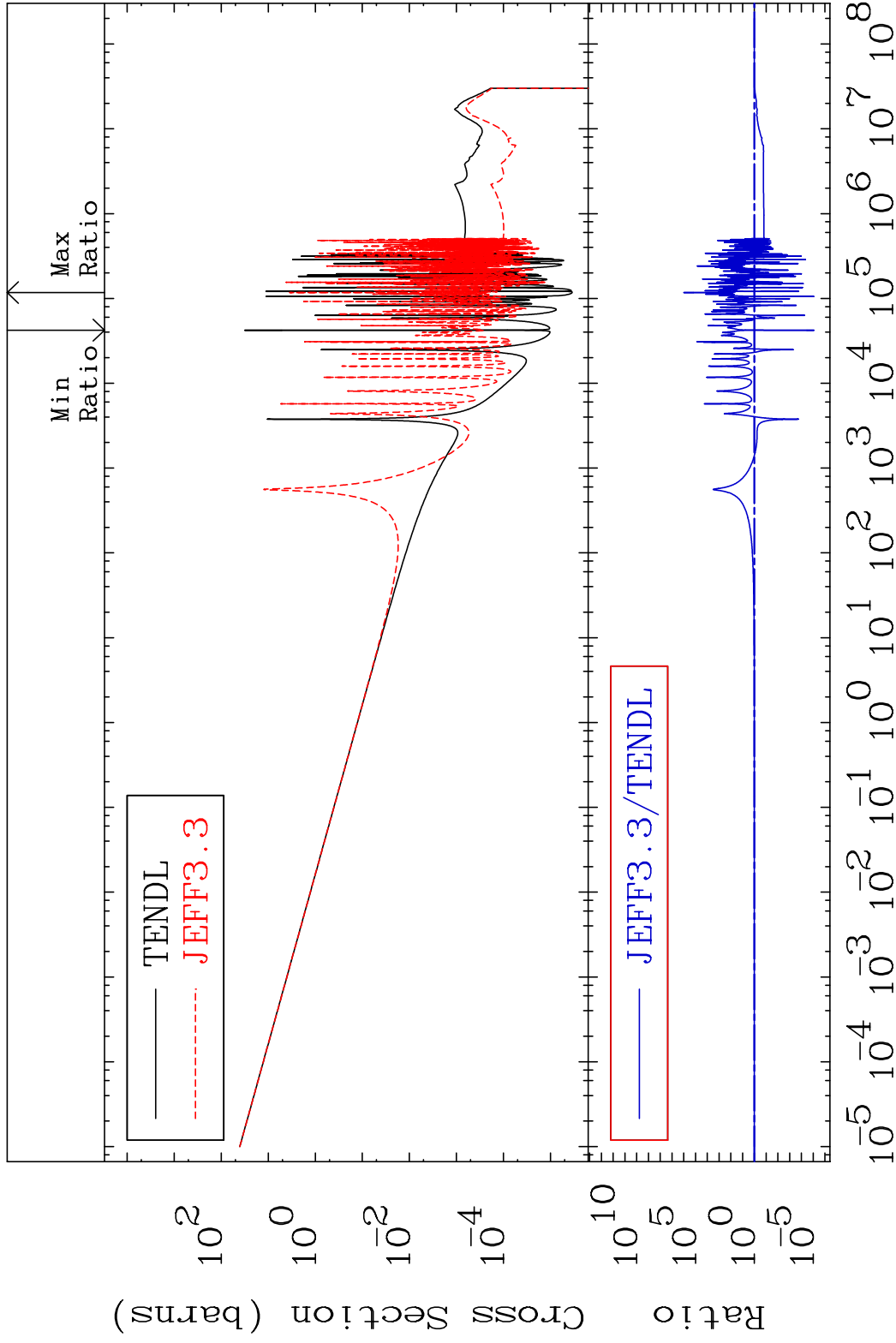
18-Ar-38

MAT 1831

(n,  $\gamma$ )

18-Ar-38

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

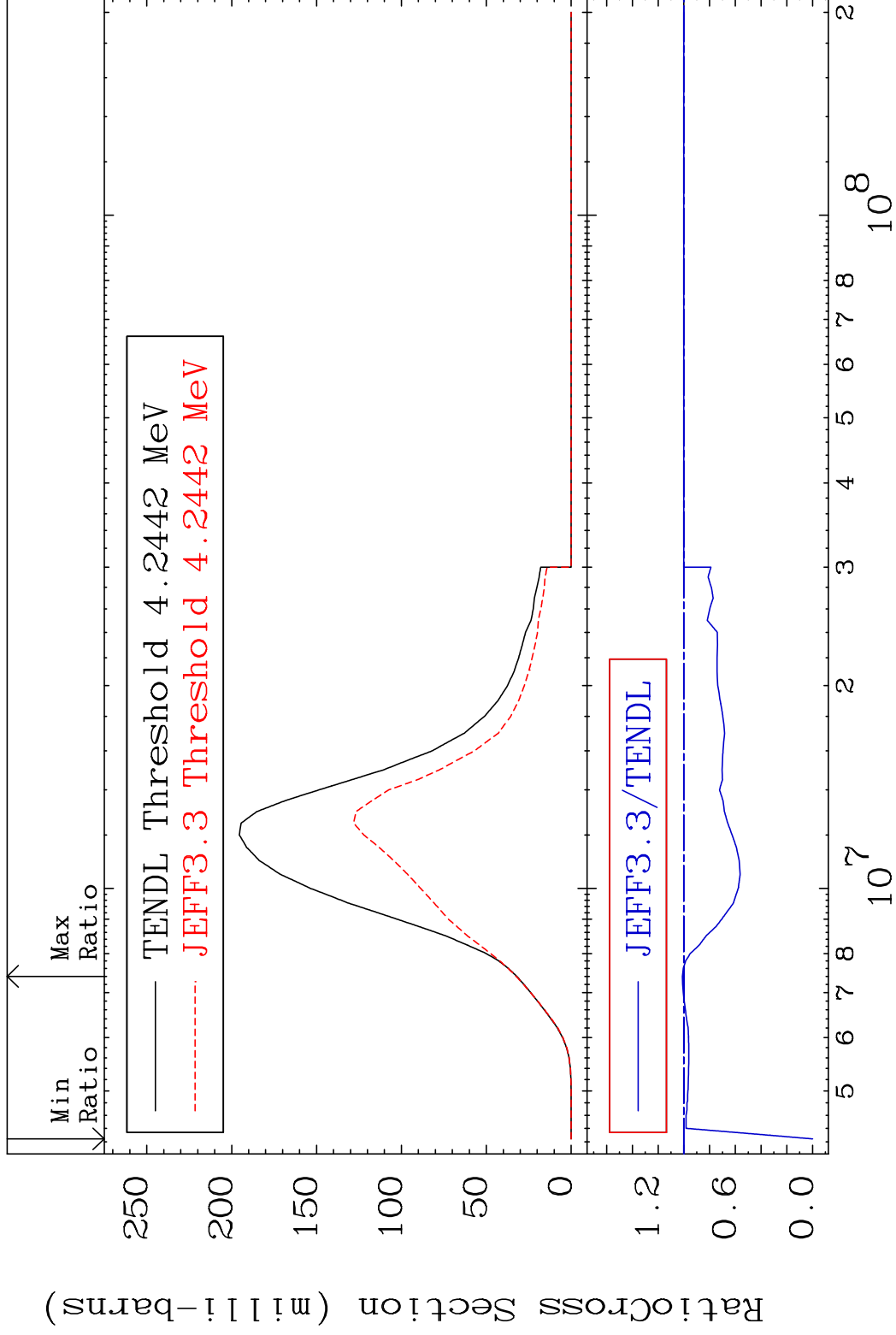
18-Ar-38

MAT 1831

(n,p)

18-Ar-38

Cross Section -100.0 To 1.167 %

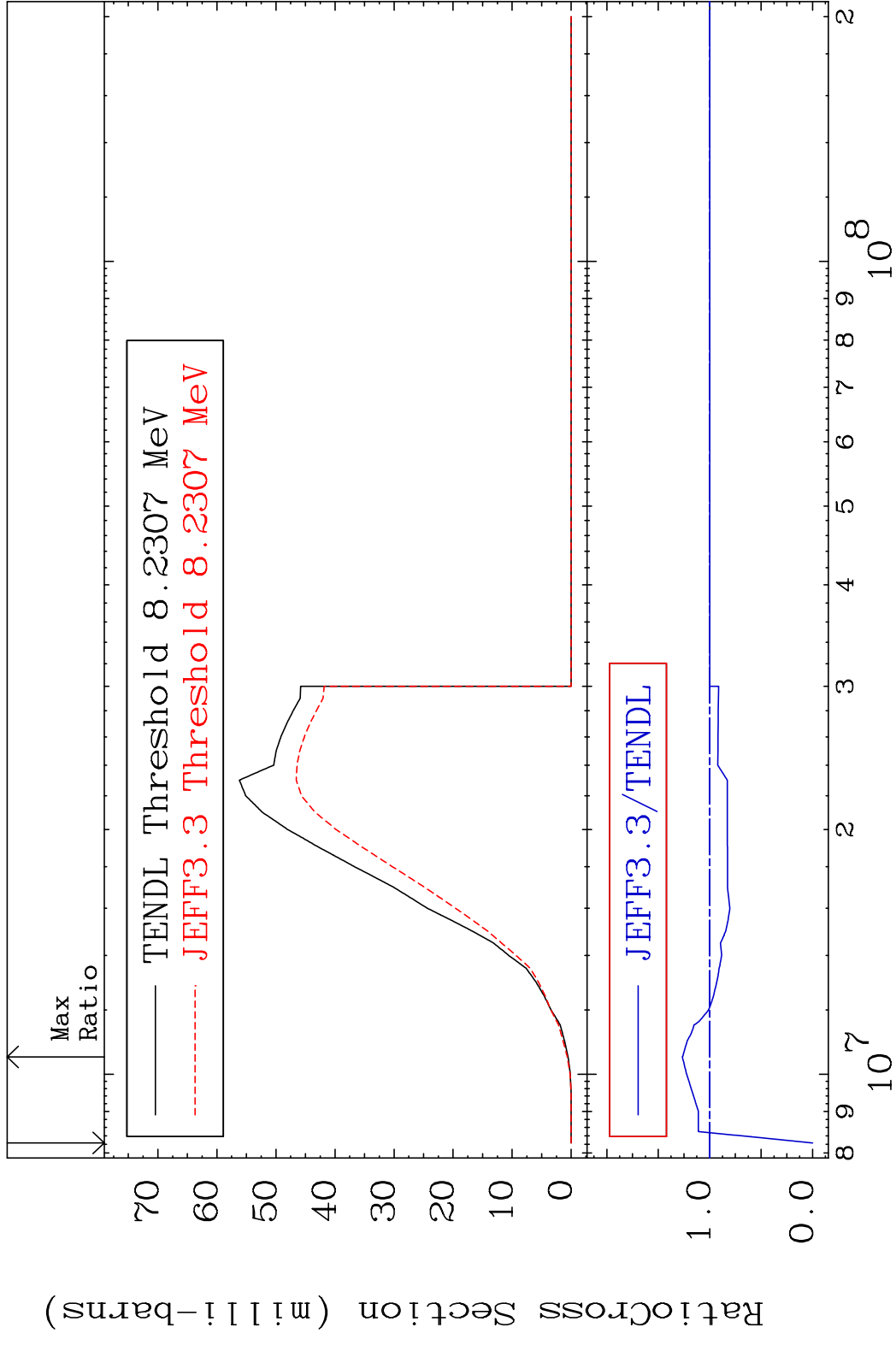


49

Incident Energy (eV)

18-Ar-38

MAT 1831 (n,d) 18-Ar-38  
 Cross Section -100.0 To 26.56 %



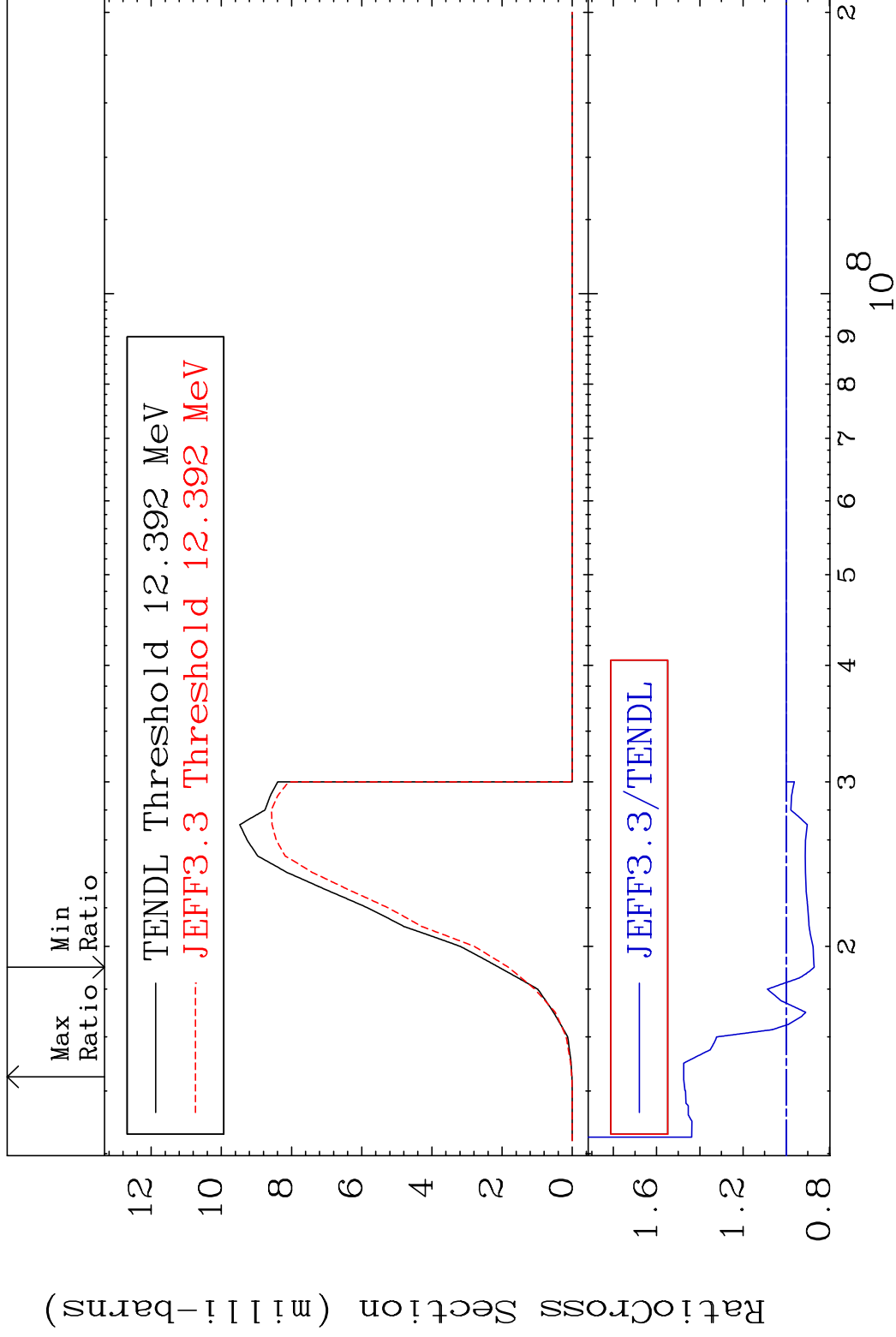
50 18-Ar-38

MAT 1831

(n, t)

18-Ar-38

Cross Section -12.90 To 47.48 %



51

Incident Energy (eV)

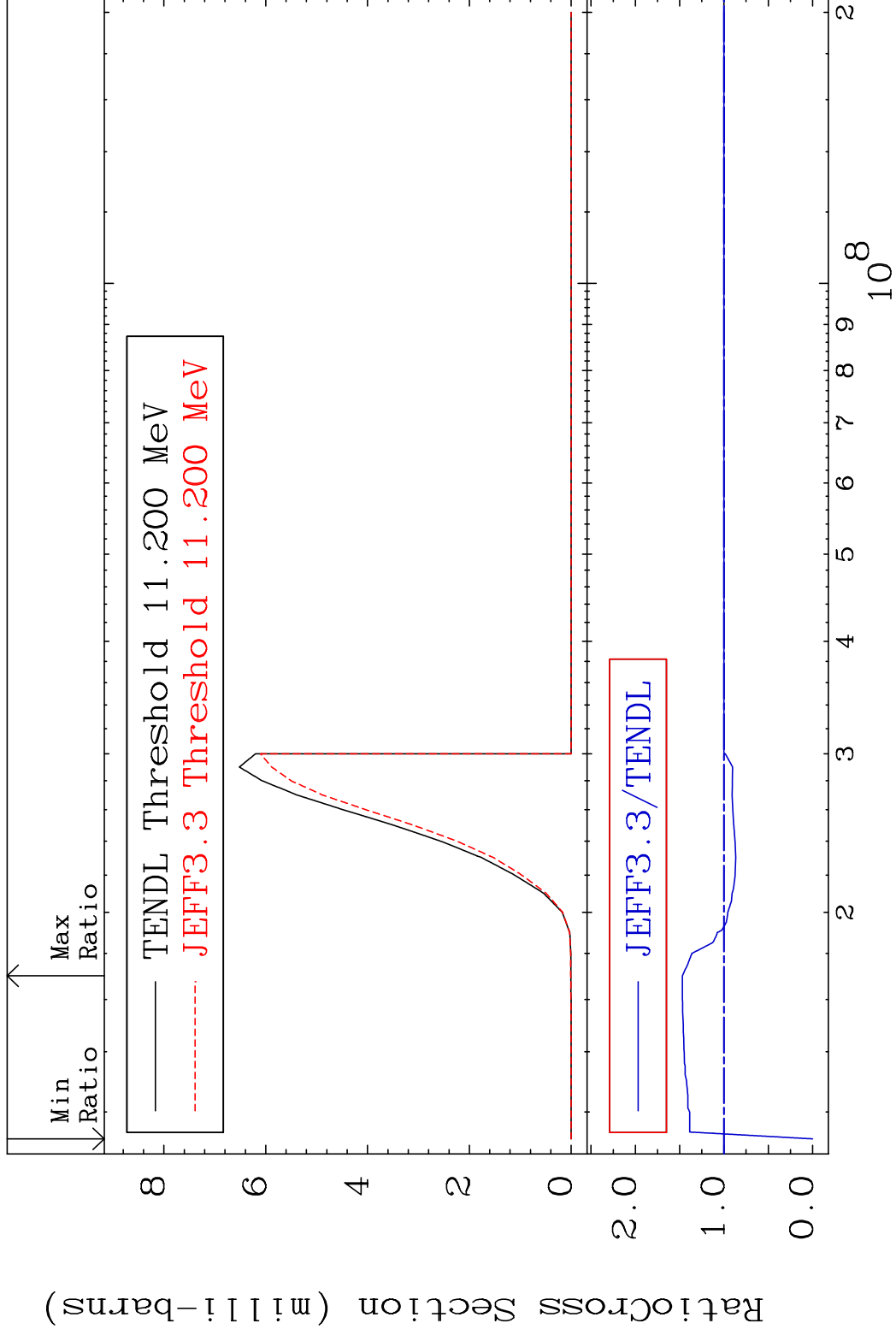
18-Ar-38

MAT 1831

(n, He-3)

18-Ar-38

Cross Section -100.0 To 46.95 %



52

Incident Energy (eV)

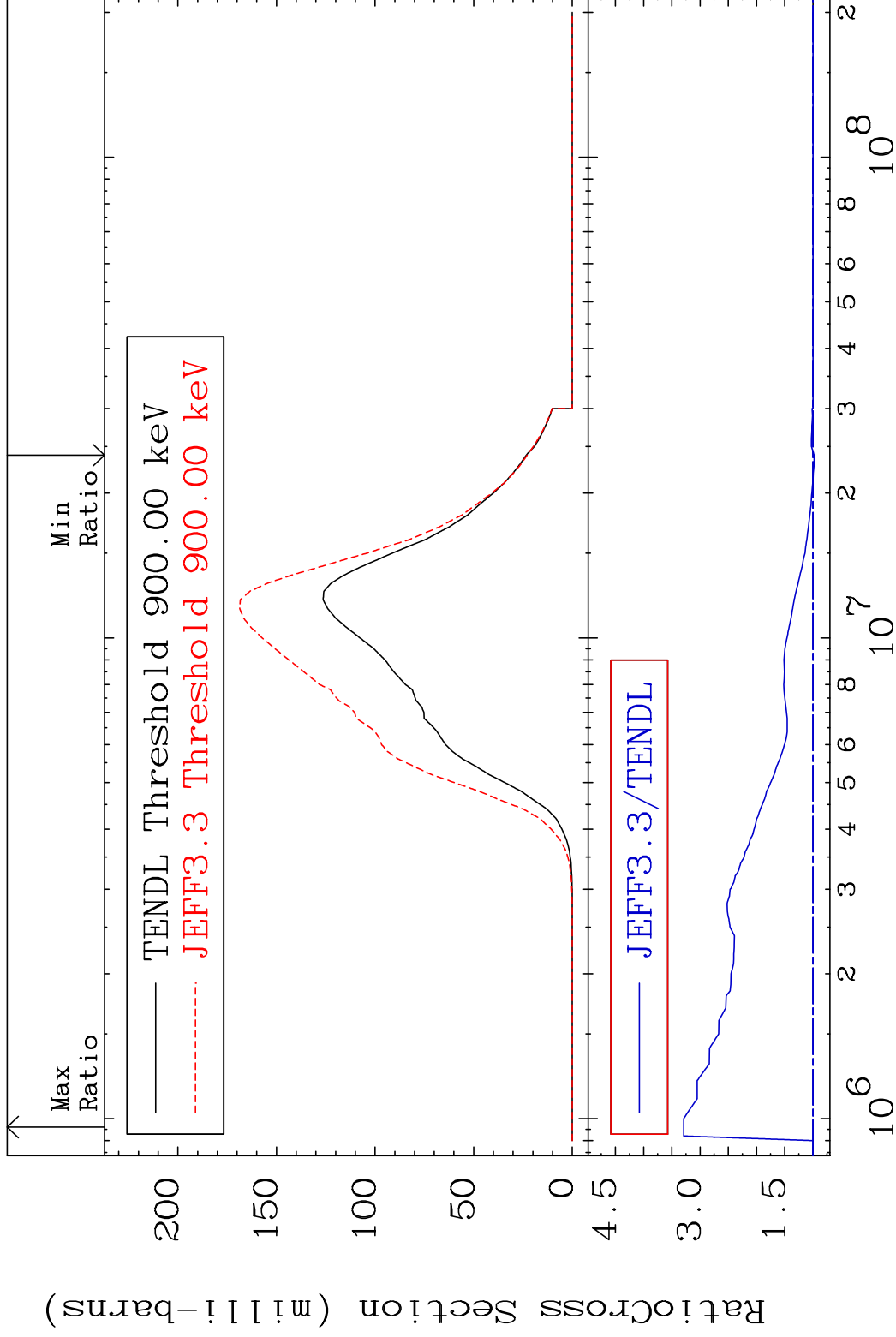
18-Ar-38

MAT 1831

(n,  $\alpha$ )

18-Ar-38

Cross Section -2.050 To 229.1 %



53

Incident Energy (eV)

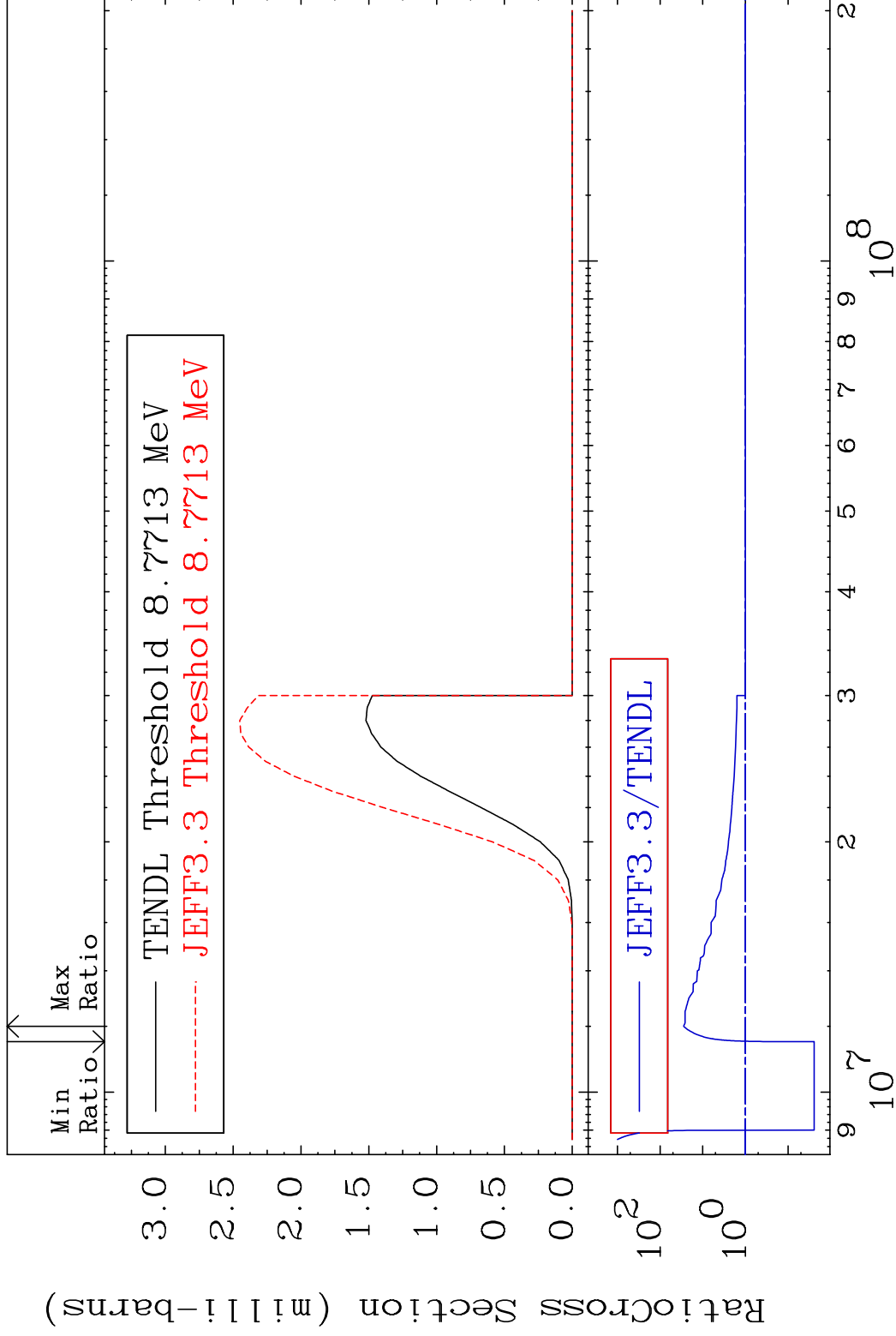
18-Ar-38

MAT 1831

(n,2α)

18-Ar-38

Cross Section -97.56 To 2699. %



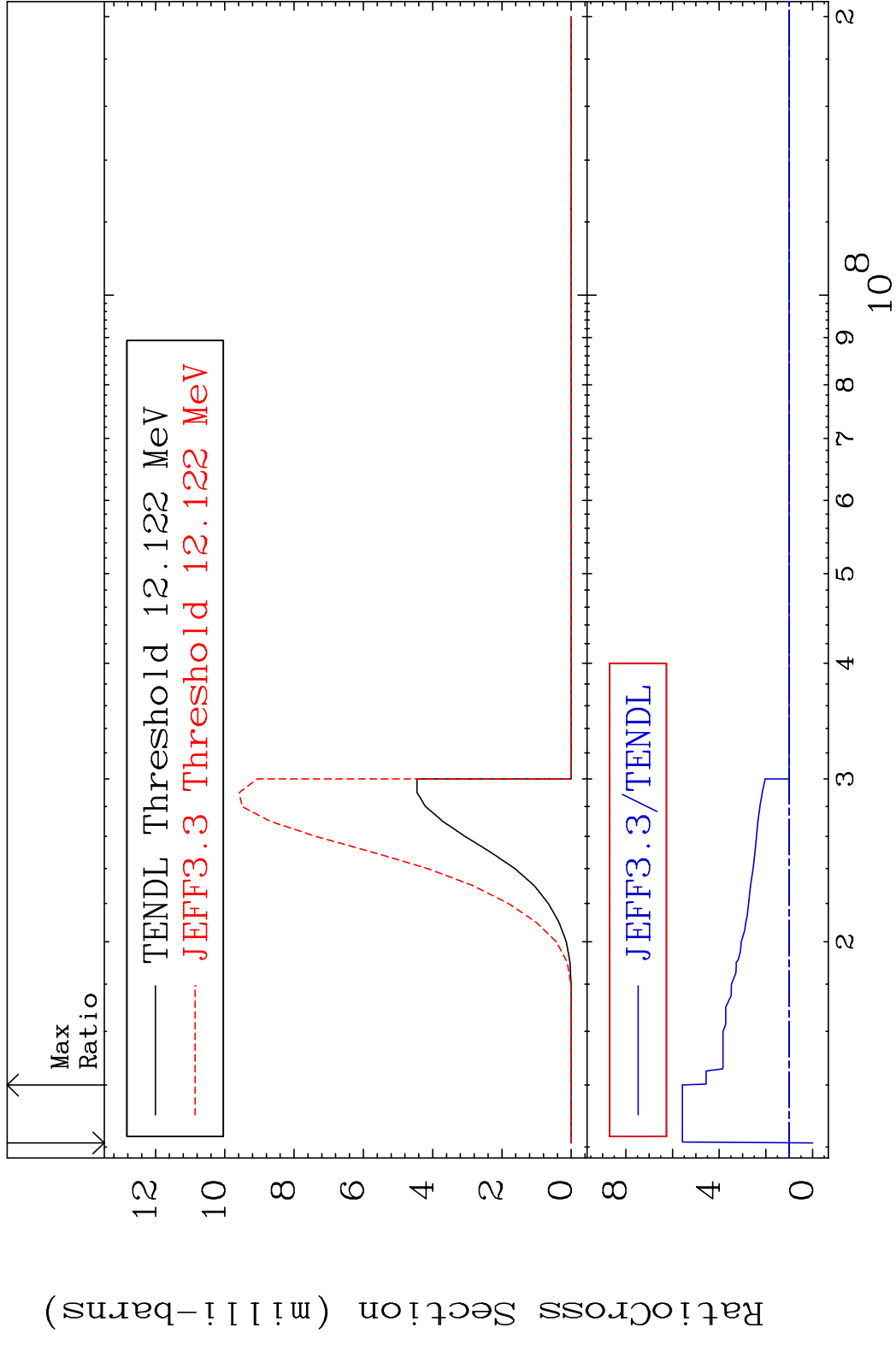
54

Incident Energy (eV)

18-Ar-38



MAT 1831 (n,p)  $\alpha$  18-Ar-38  
 Cross Section -100.0 To 457.8 %

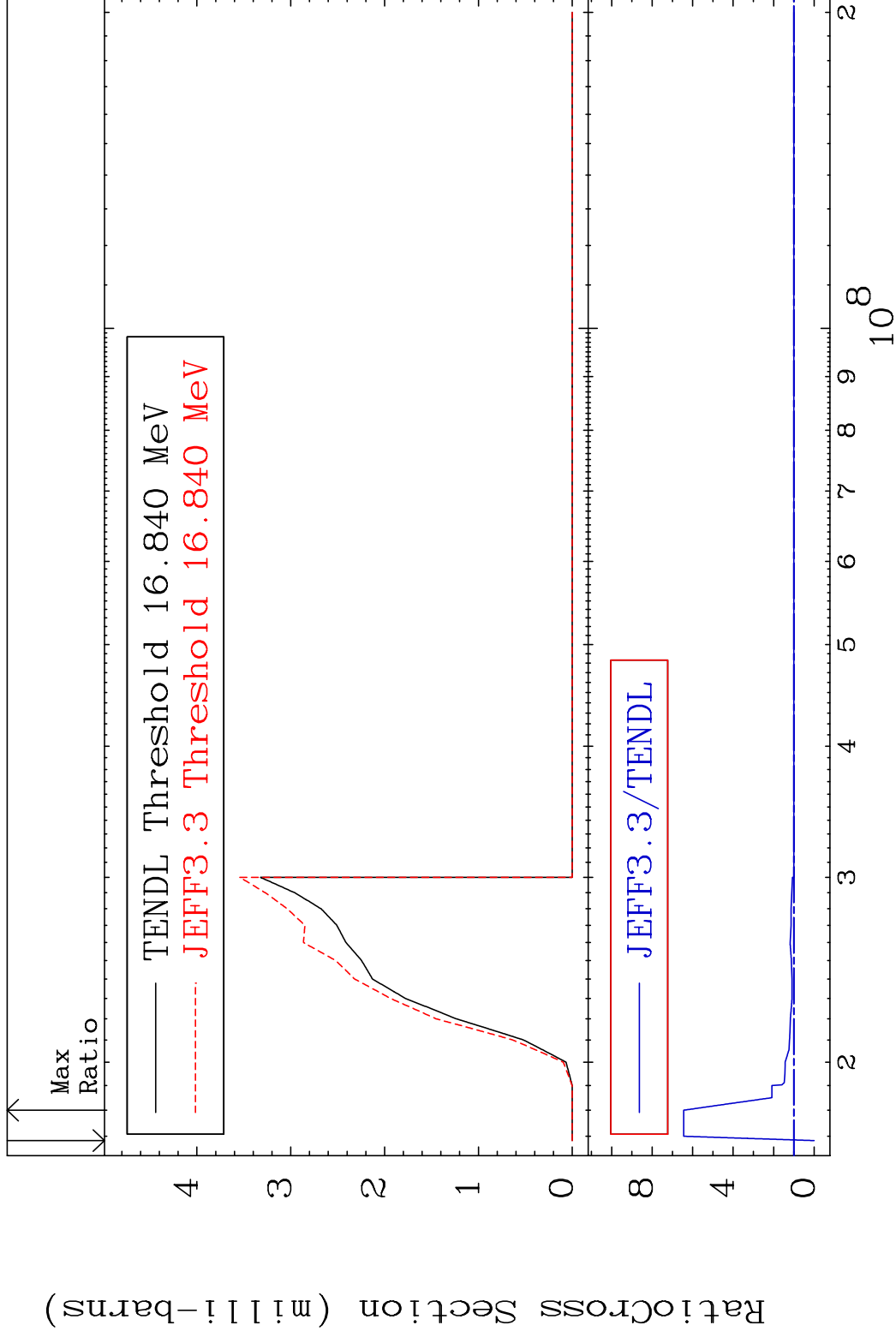


MAT 1831

(n,p) d

18-Ar-38

Cross Section -100.0 To 544.4 %



57

Incident Energy (eV)

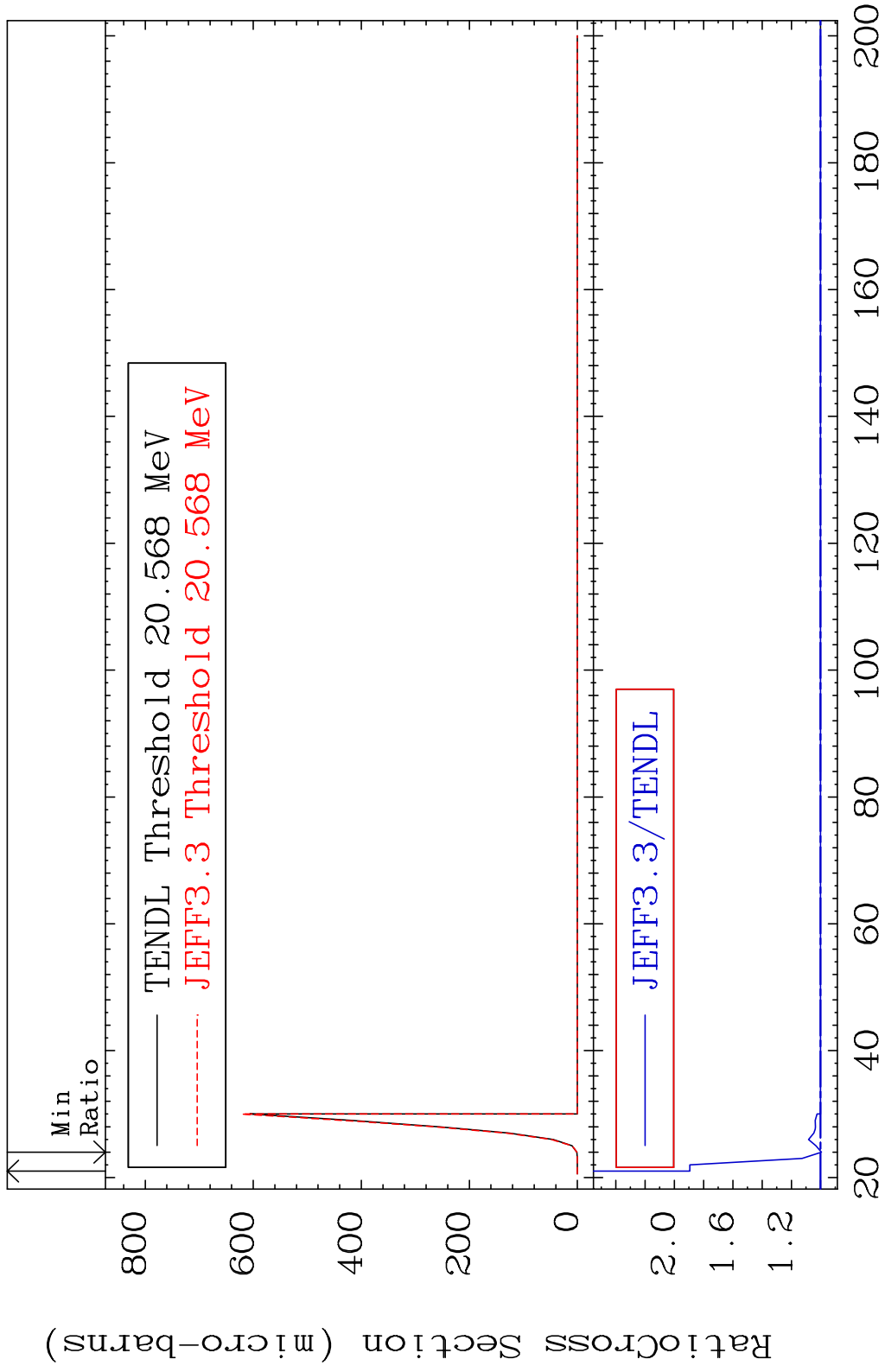
18-Ar-38

MAT 1831

(n,p) t

18-Ar-38

Cross Section -0.527 To 89.44 %



58

Incident Energy (MeV)

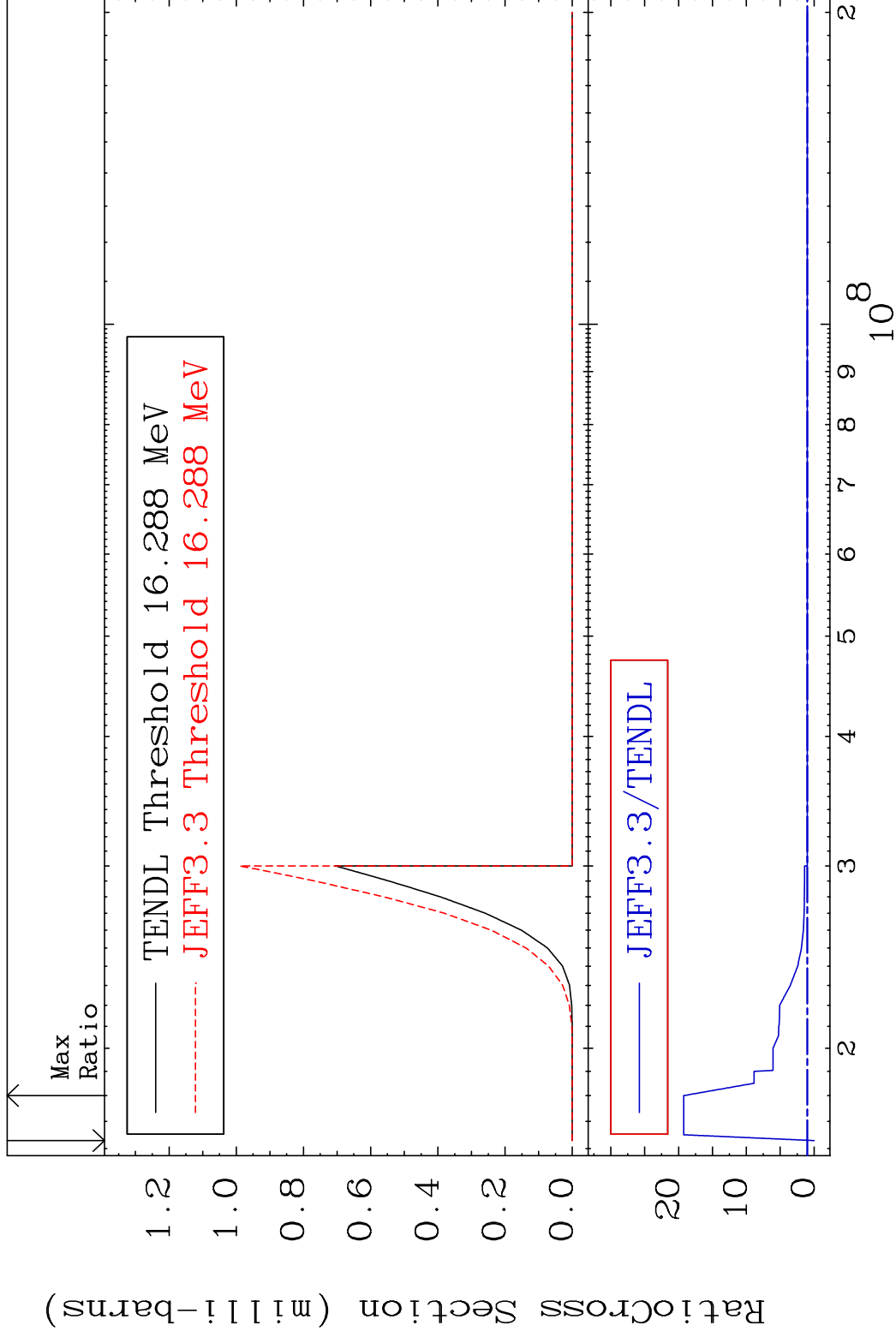
18-Ar-38

MAT 1831

(n,d)  $\alpha$

18-Ar-38

Cross Section -100.0 To 1825. %

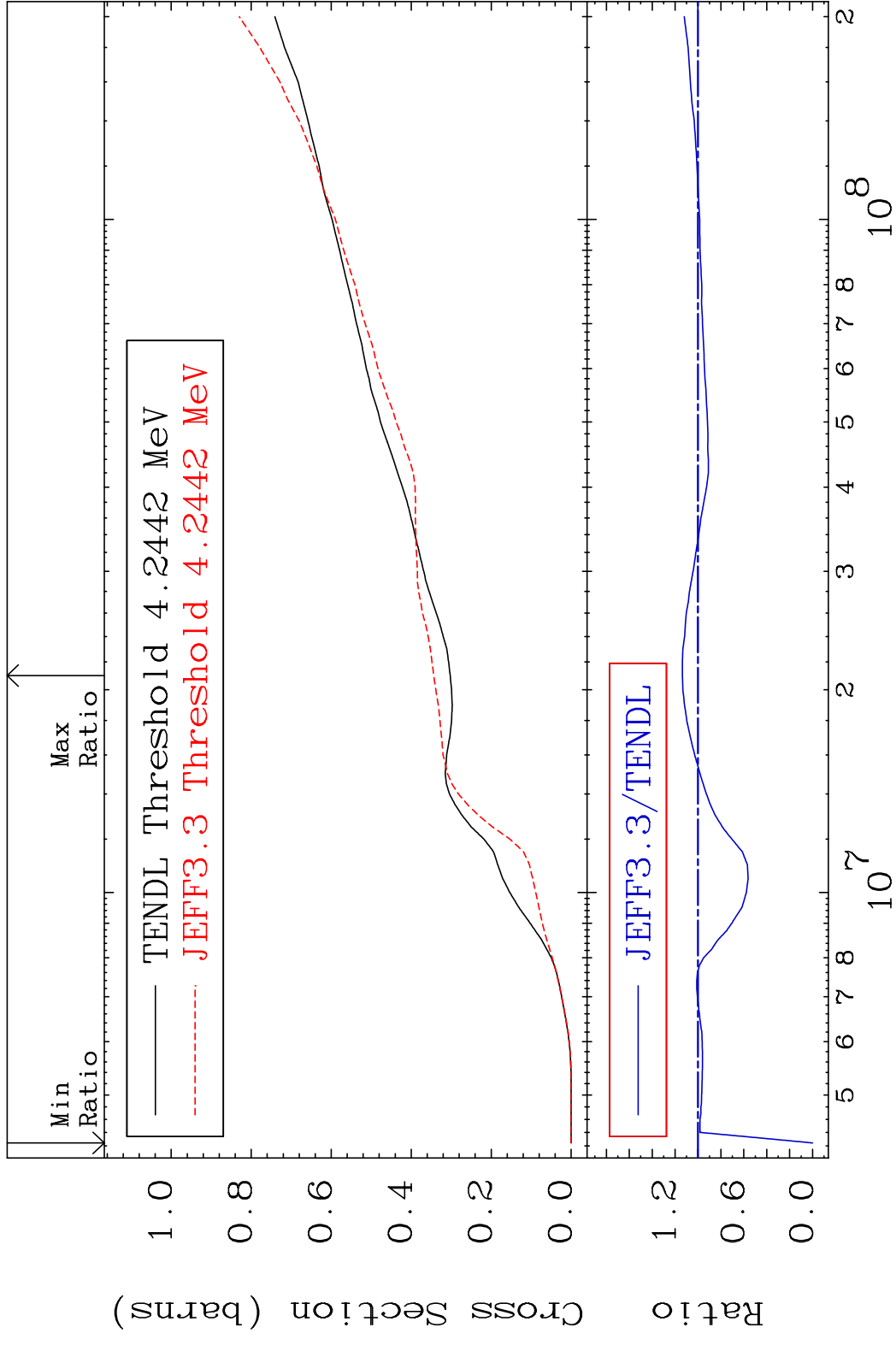


59

Incident Energy (eV)

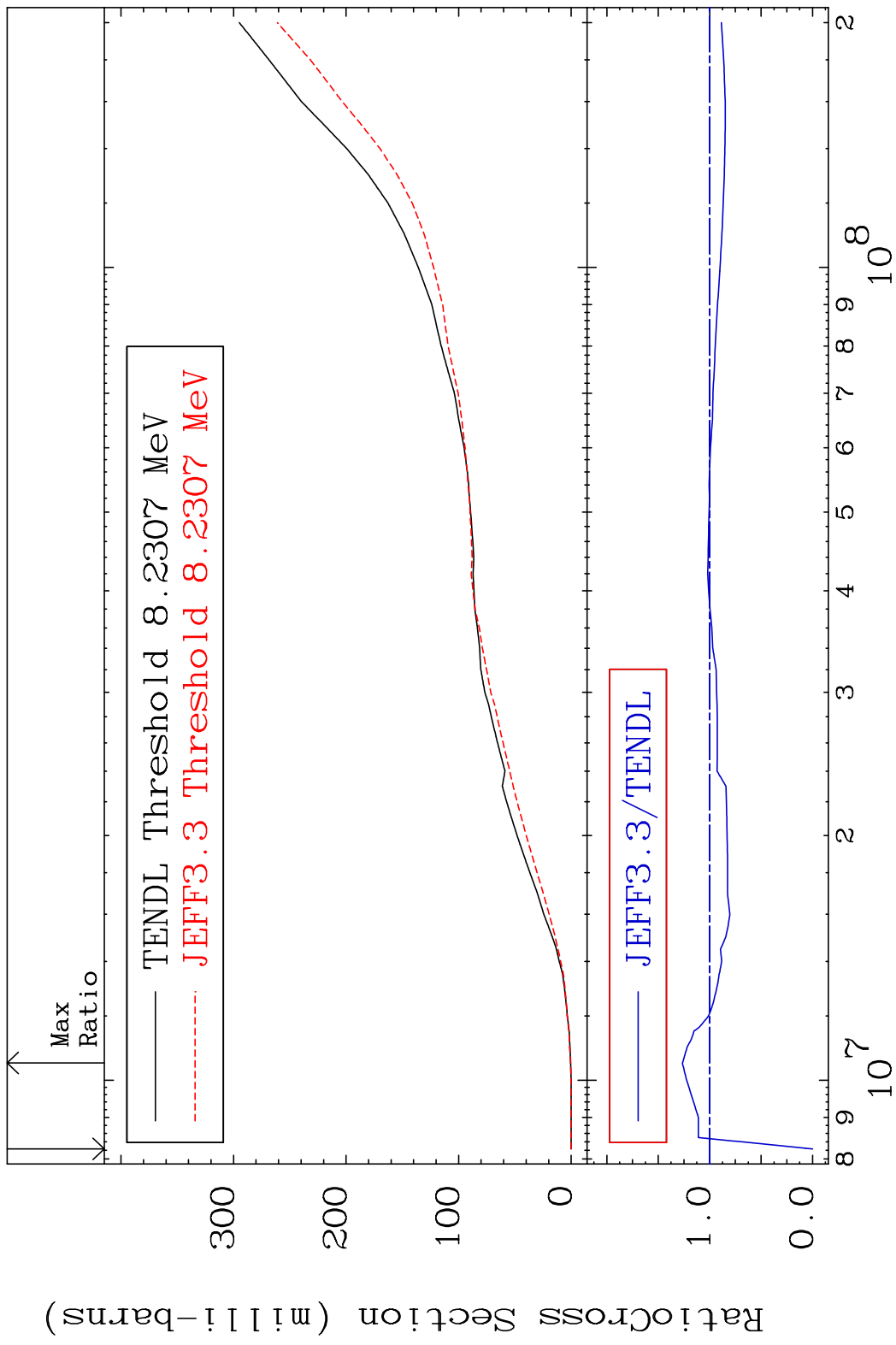
18-Ar-38

MAT 1831 Hydrogen Production 18-Ar-38  
 Cross Section -100.0 To 13.66 %



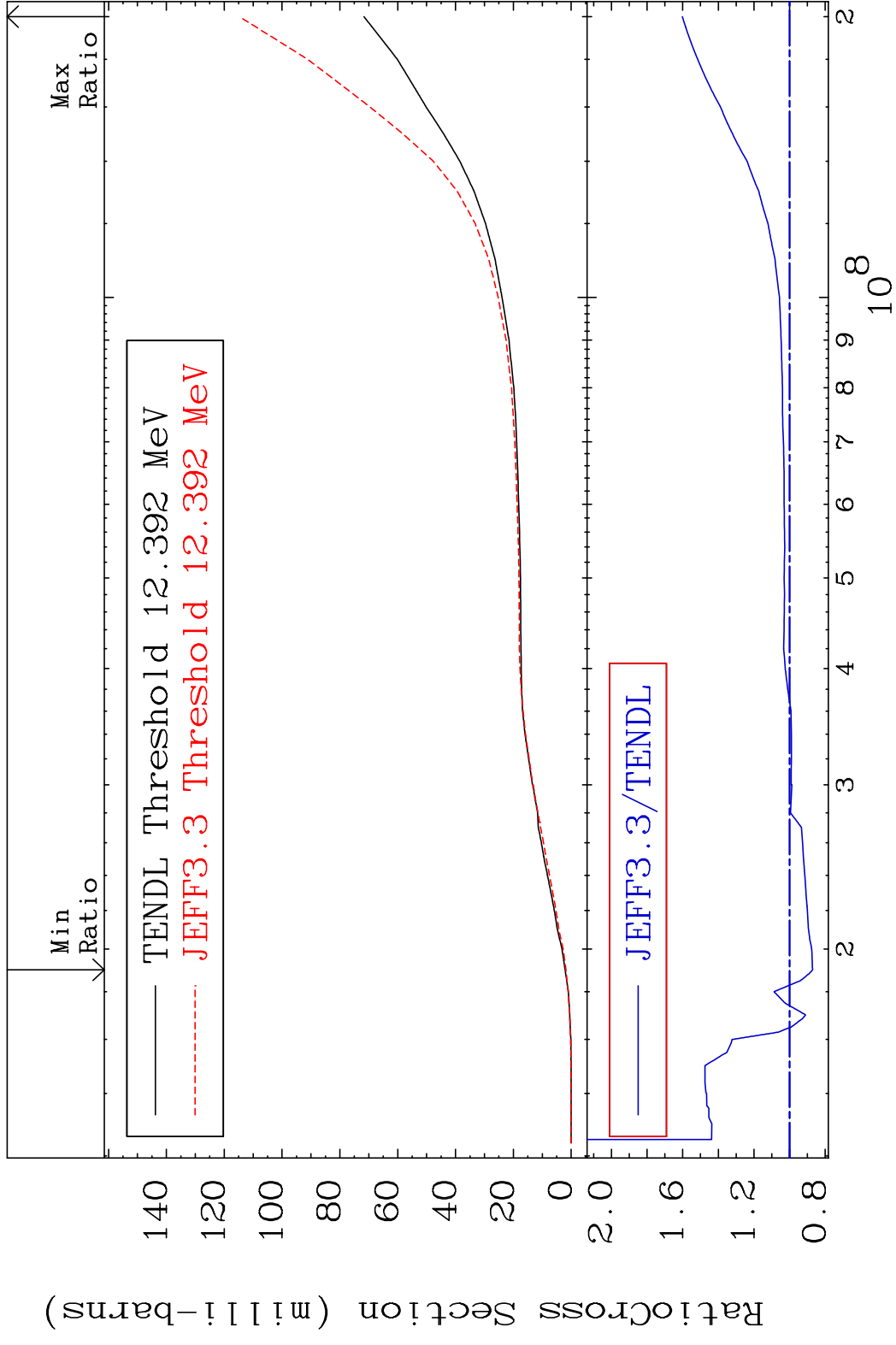
60 Incident Energy (eV) 18-Ar-38

MAT 1831 Deuterium Production 18-Ar-38  
 Cross Section -100.0 To 26.56 %



61 18-Ar-38

MAT 1831 Tritium Production 18-Ar-38  
 Cross Section -12.90 To 60.18 %

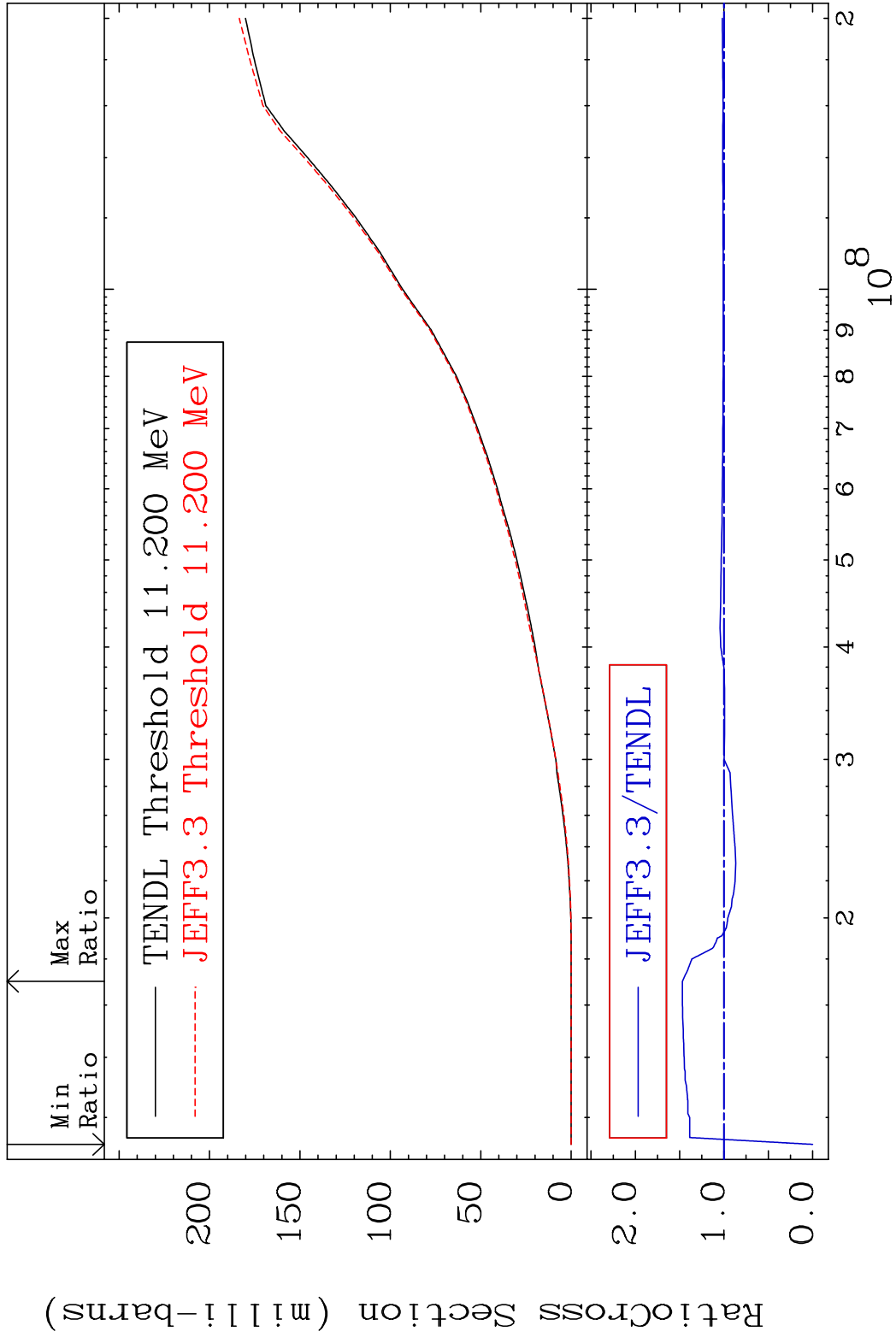


MAT 1831

He-3 Production

18-Ar-38

Cross Section -100.0 To 46.95 %

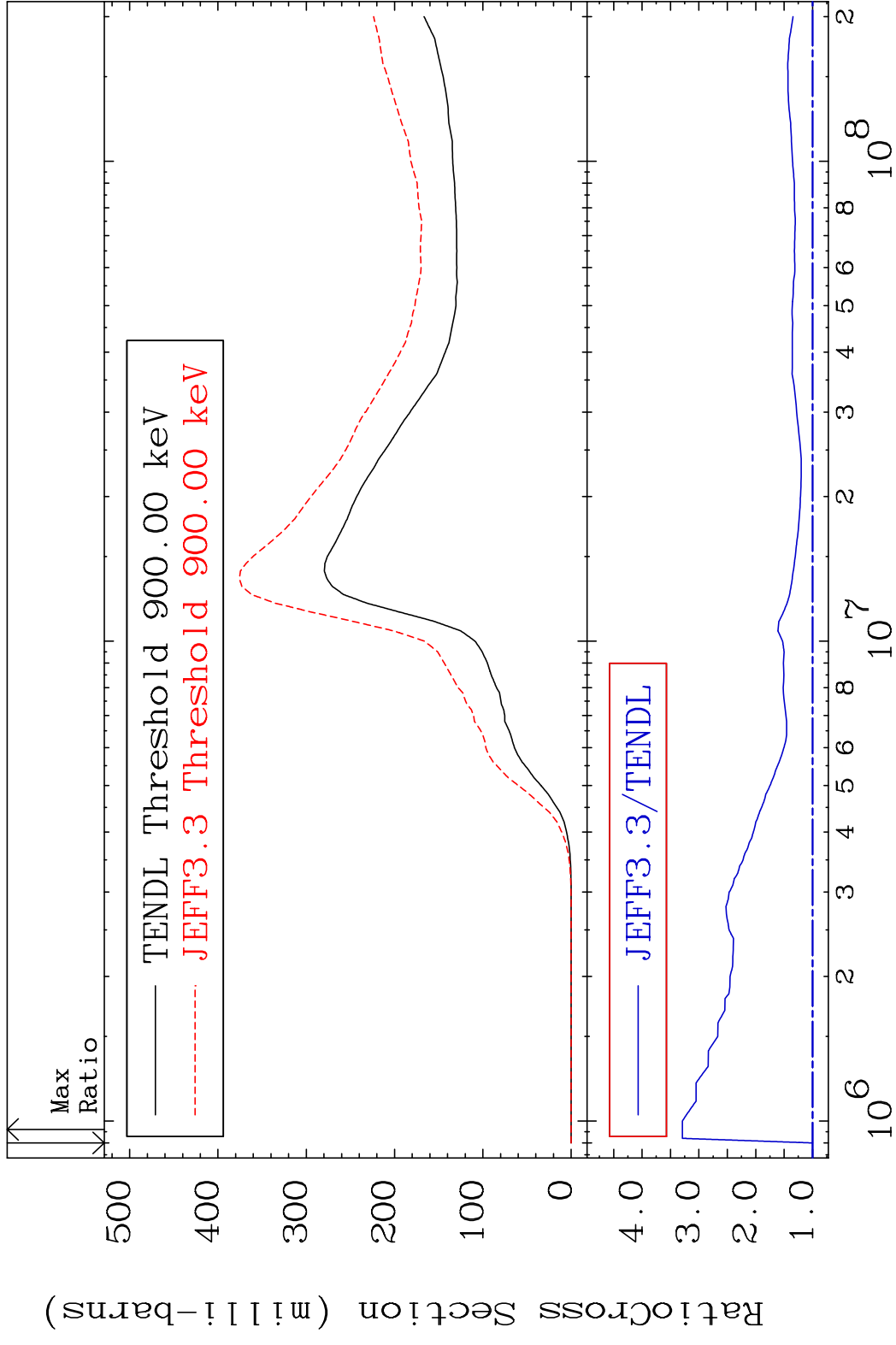


63

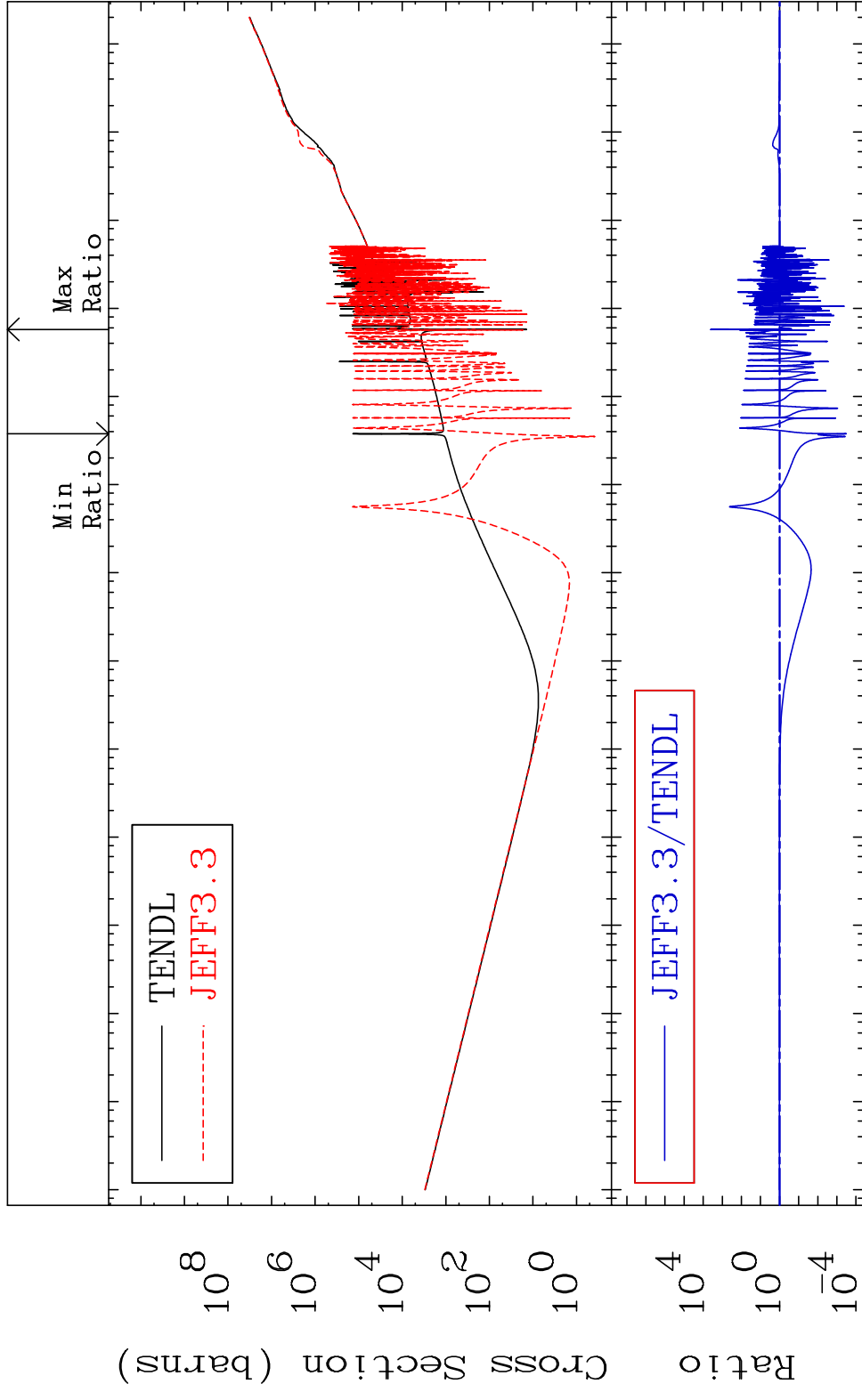
Incident Energy (eV)

18-Ar-38

MAT 1831 He-4 Production 18-Ar-38  
 Cross Section 0.000 To 229.1 %



MAT 1831 Kerma total (eV-barns) 18-Ar-38  
 Cross Section -99.97 To 9999. %



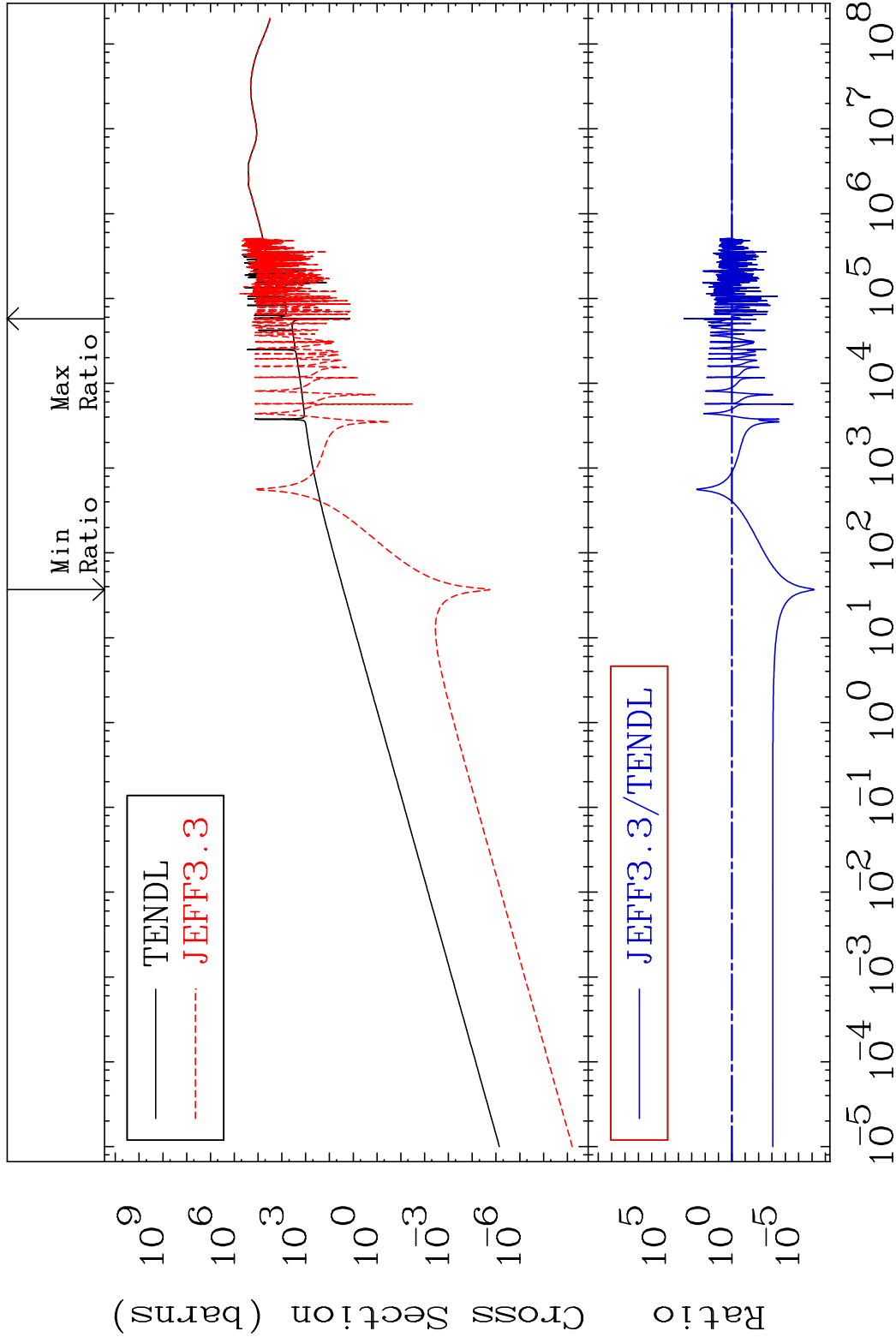
65 Incident Energy (eV) 18-Ar-38

MAT 1831

Kerma elastic

18-Ar-38

Cross Section -100.0 To 9999. %

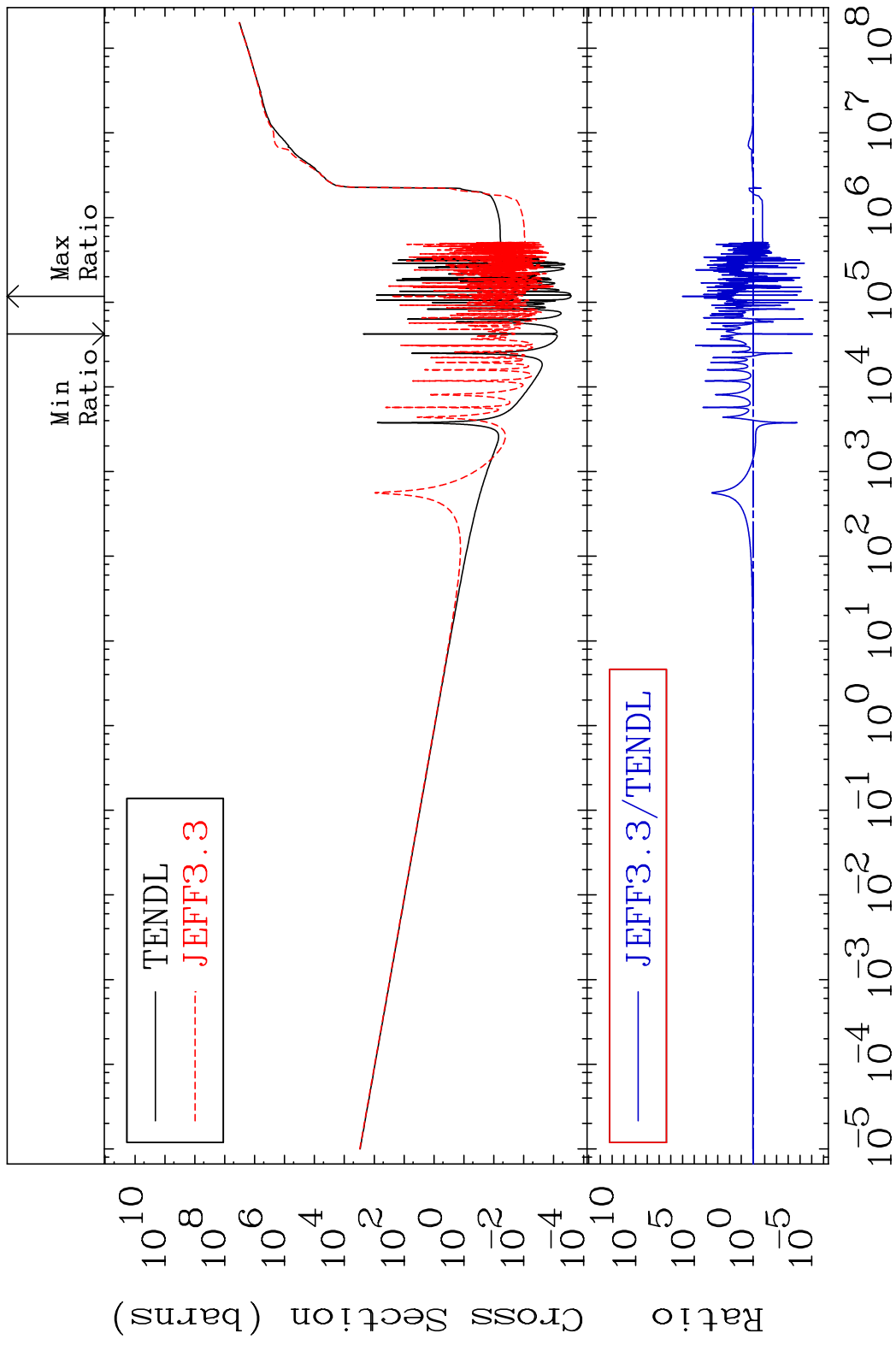


66

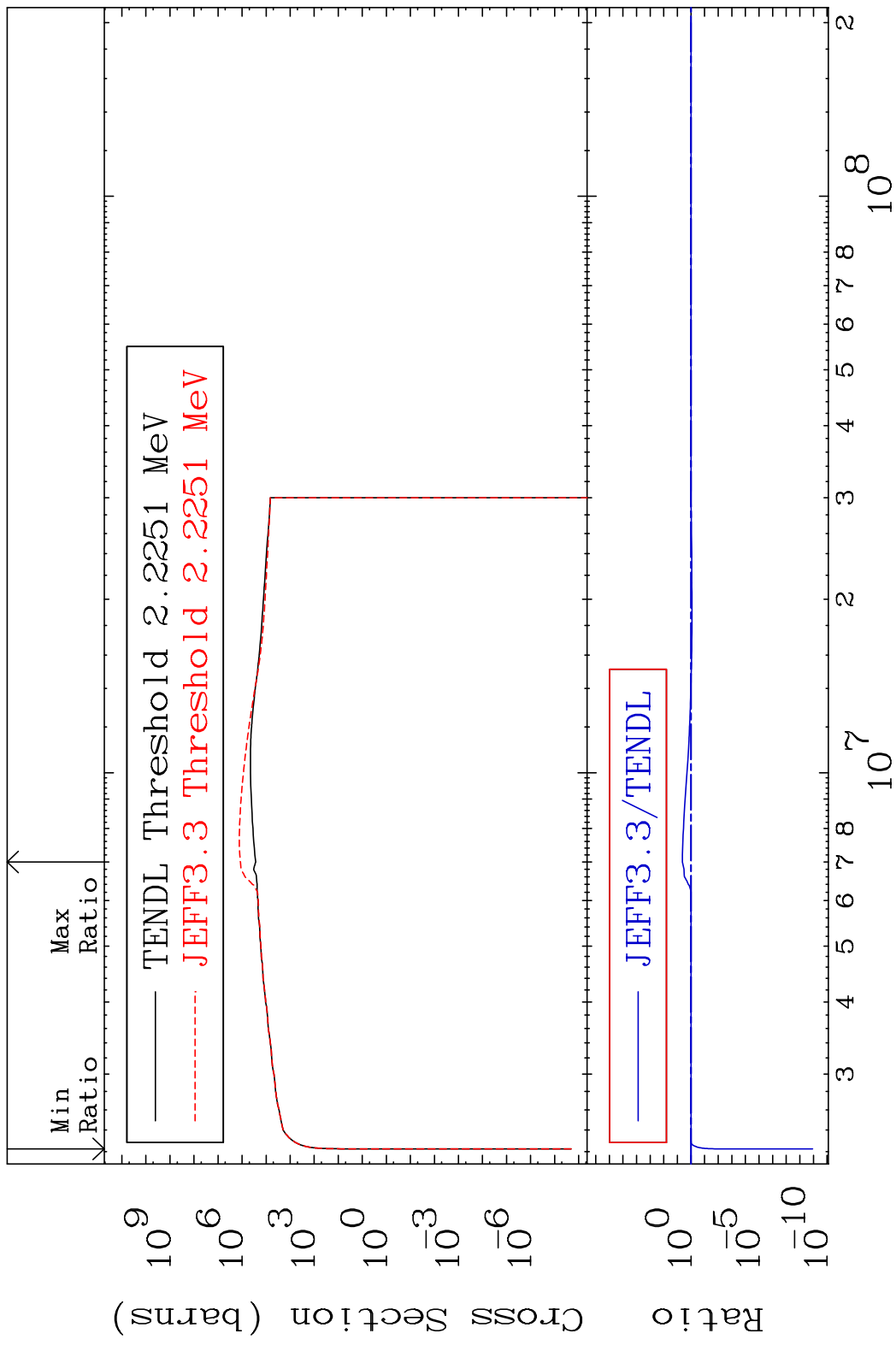
Incident Energy (eV)

18-Ar-38

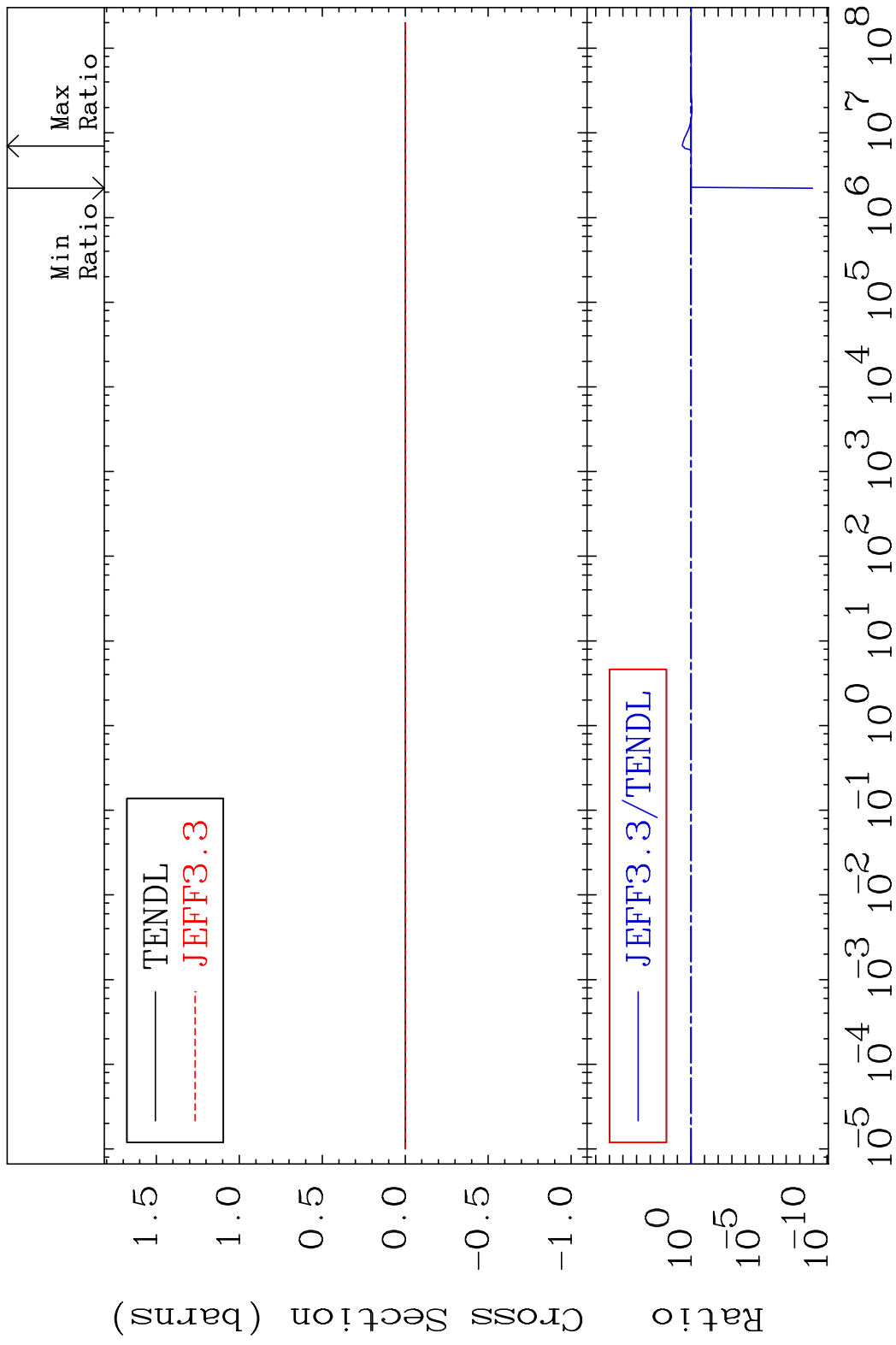
MAT 1831 Kerma non-elastic (all but mt2) 18-Ar-38  
 Cross Section -100.0 To 9999. %



MAT 1831 Kerma inelastic (mt51-91) 18-Ar-38  
 Cross Section -100.0 To 332.8 %



MAT 1831 Kerma fission (mt18 or mt19-20-21-38) 18-Ar-38  
 Cross Section -100.0 To 332.8 %

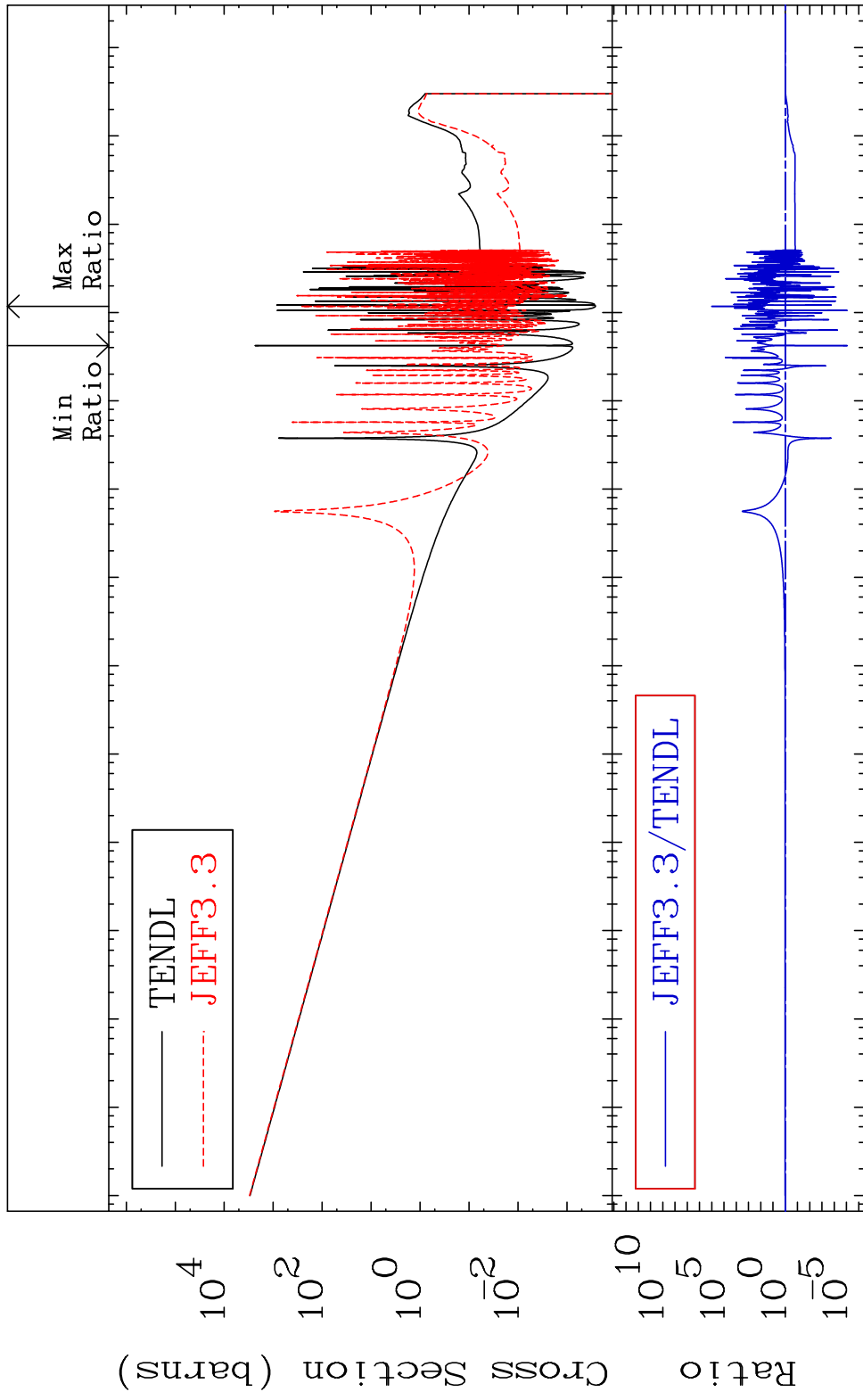


MAT 1831

Kerma capture (mt102)

18-Ar-38

Cross Section -100.0 To 9999. %

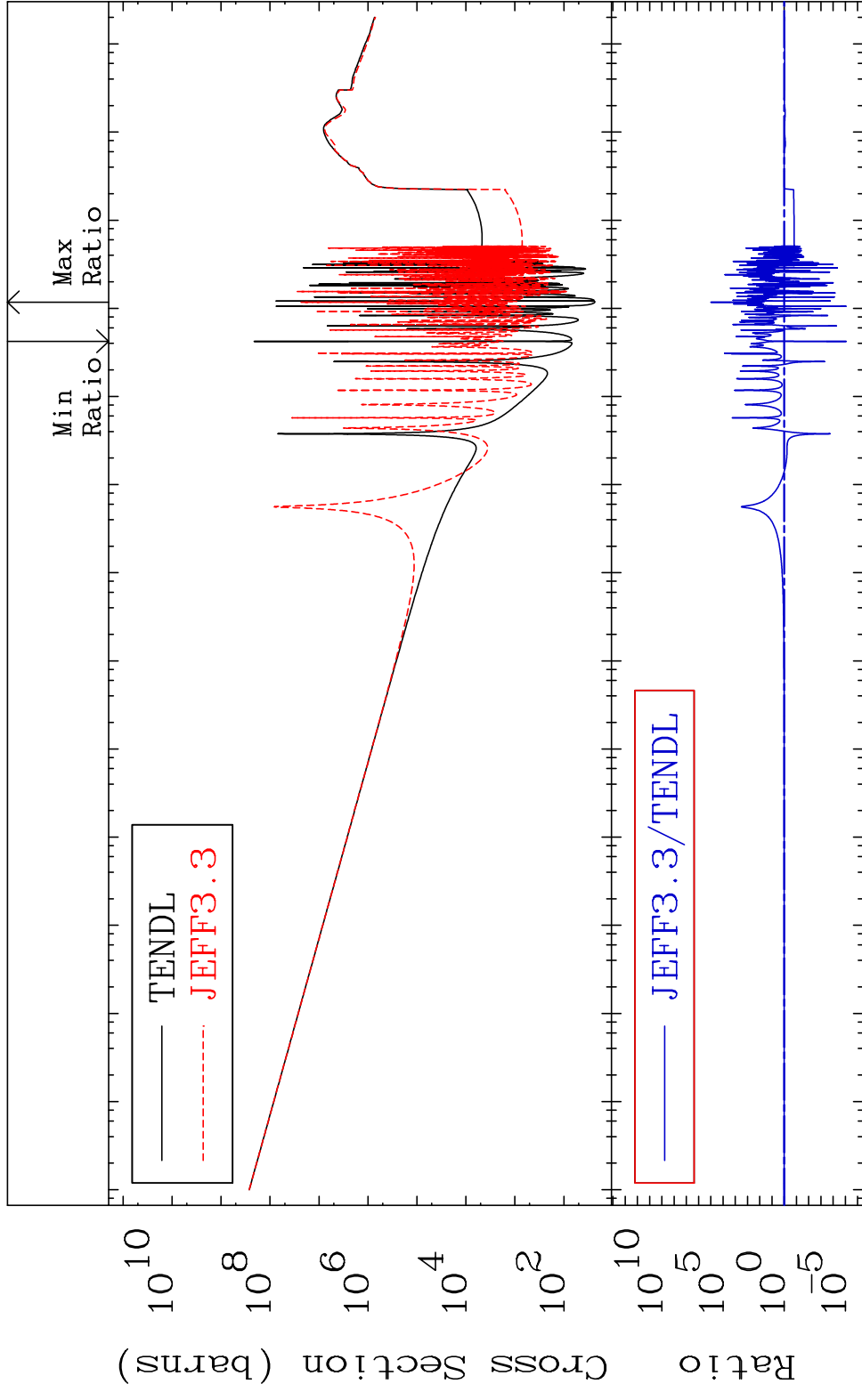


70

Incident Energy (eV)

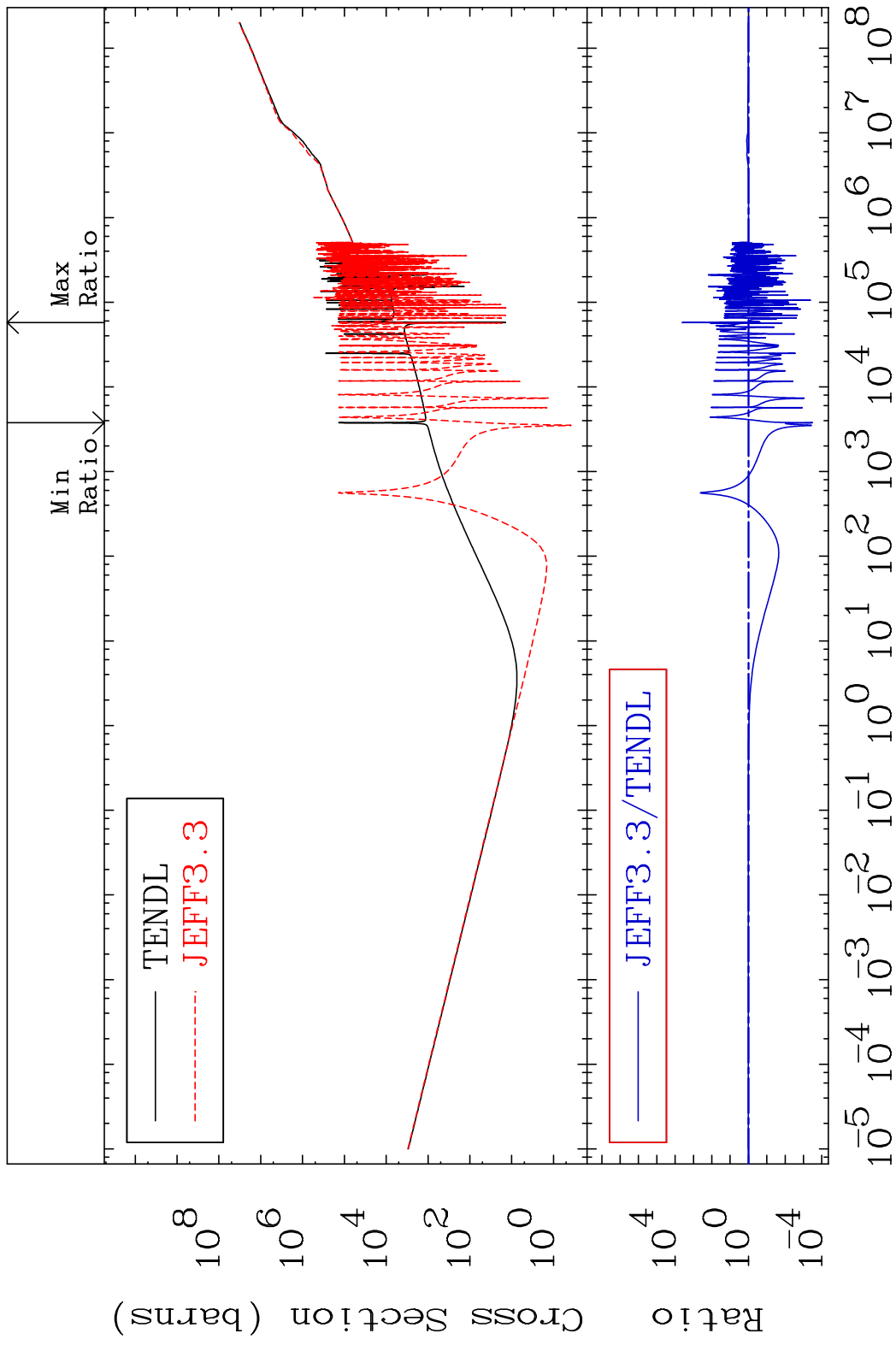
18-Ar-38

MAT 1831 Total photon (eV-barns) 18-Ar-38  
 Cross Section -100.0 To 9999. %



71 Incident Energy (eV) 18-Ar-38

MAT 1831 Total kinematic kerma (high limit) 18-Ar-38  
 Cross Section -99.97 To 9999. %

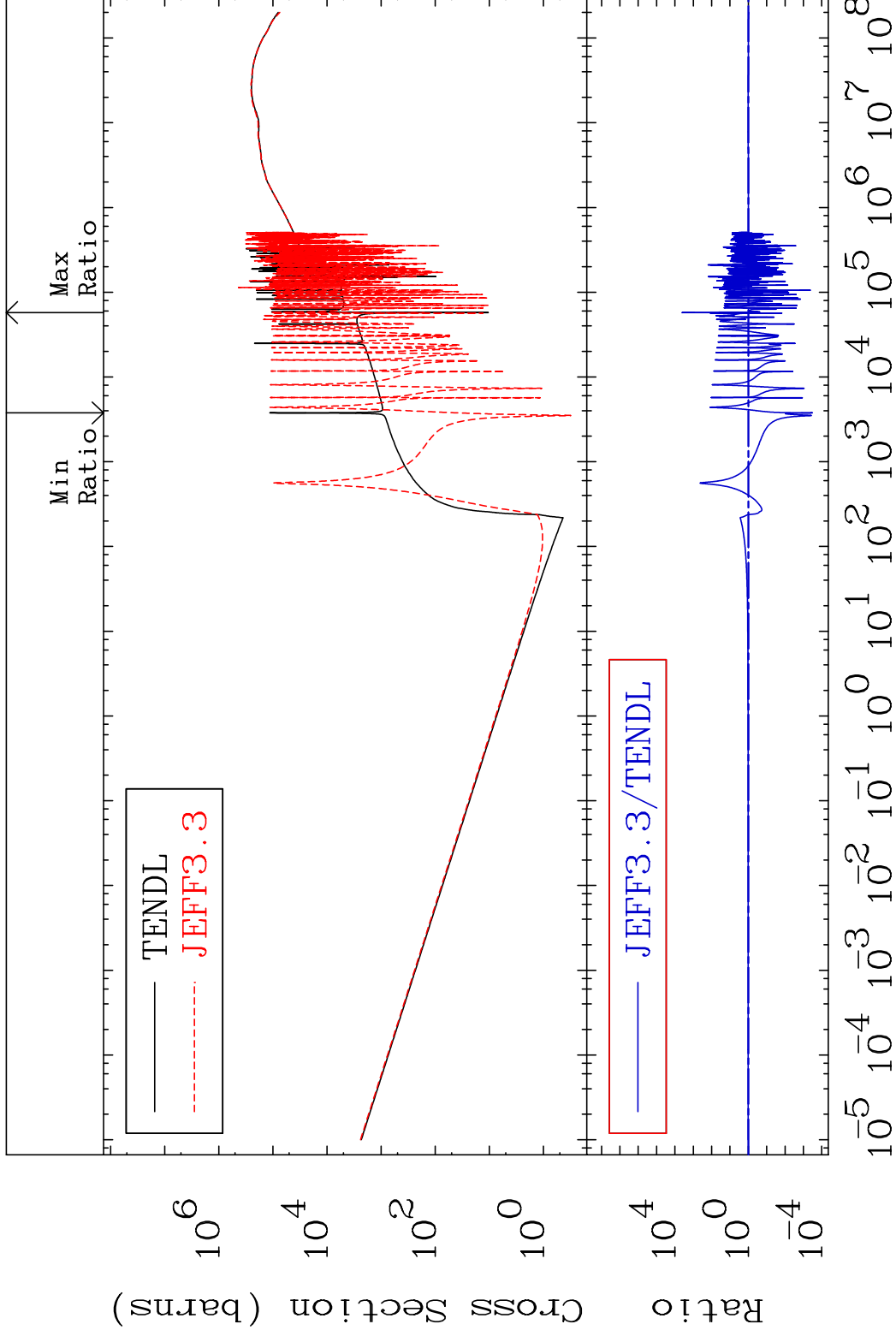


MAT 1831

Dpa total (eV-barns)

18-Ar-38

Cross Section -99.97 To 9999. %



73

Incident Energy (eV)

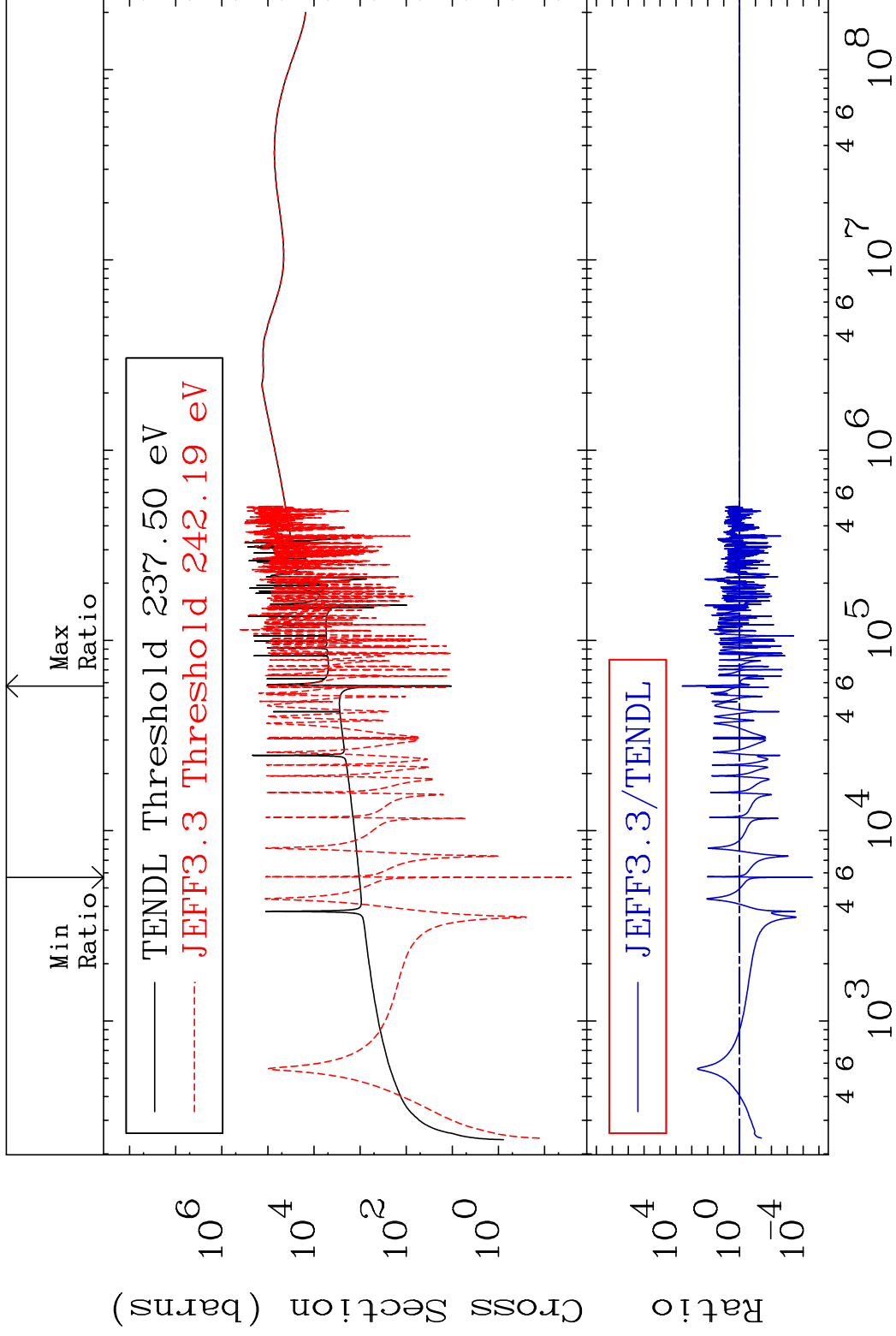
18-Ar-38

MAT 1831

Dpa elastic (mt2)

18-Ar-38

Cross Section -100.0 To 9999. %

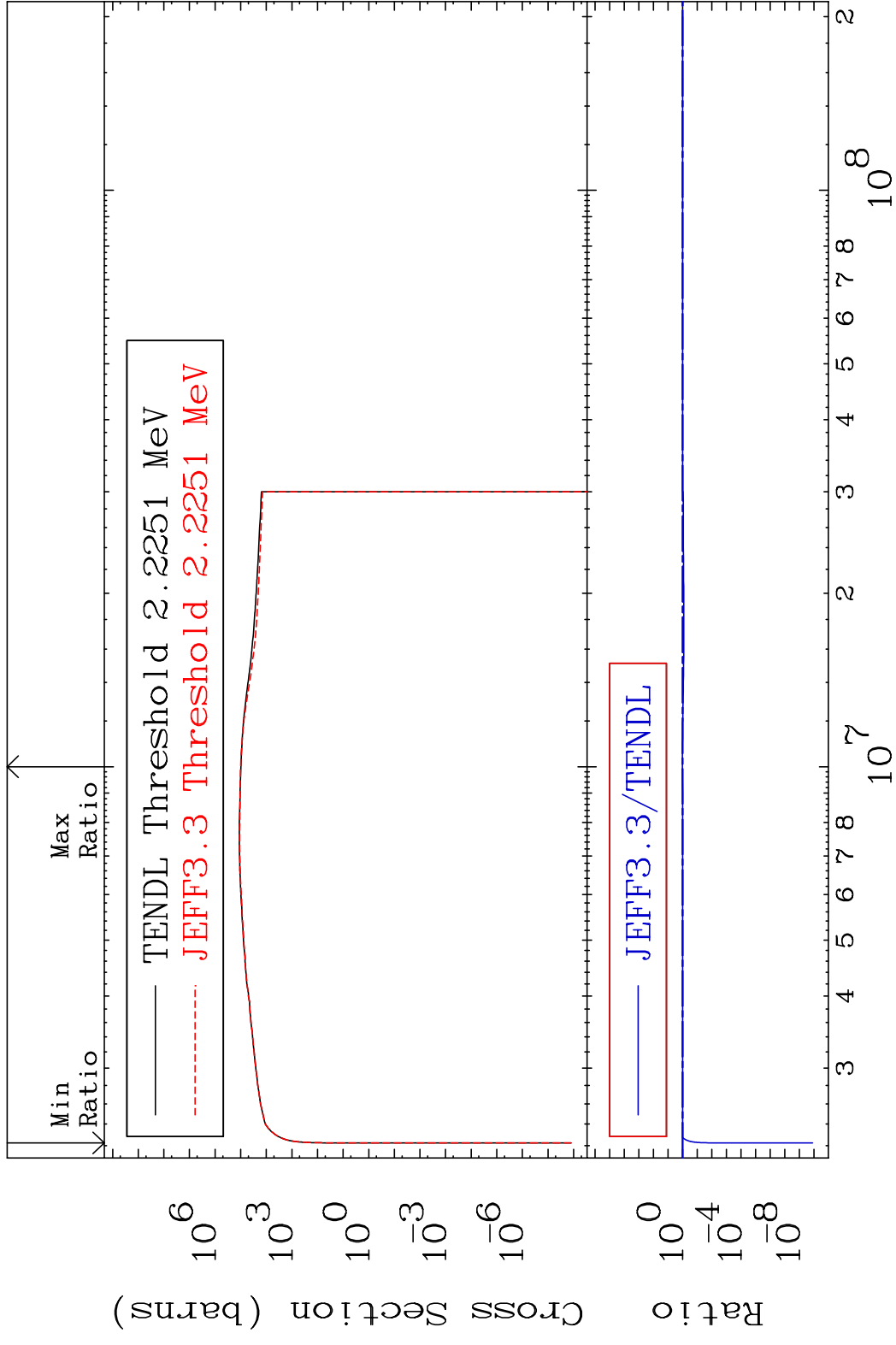


74

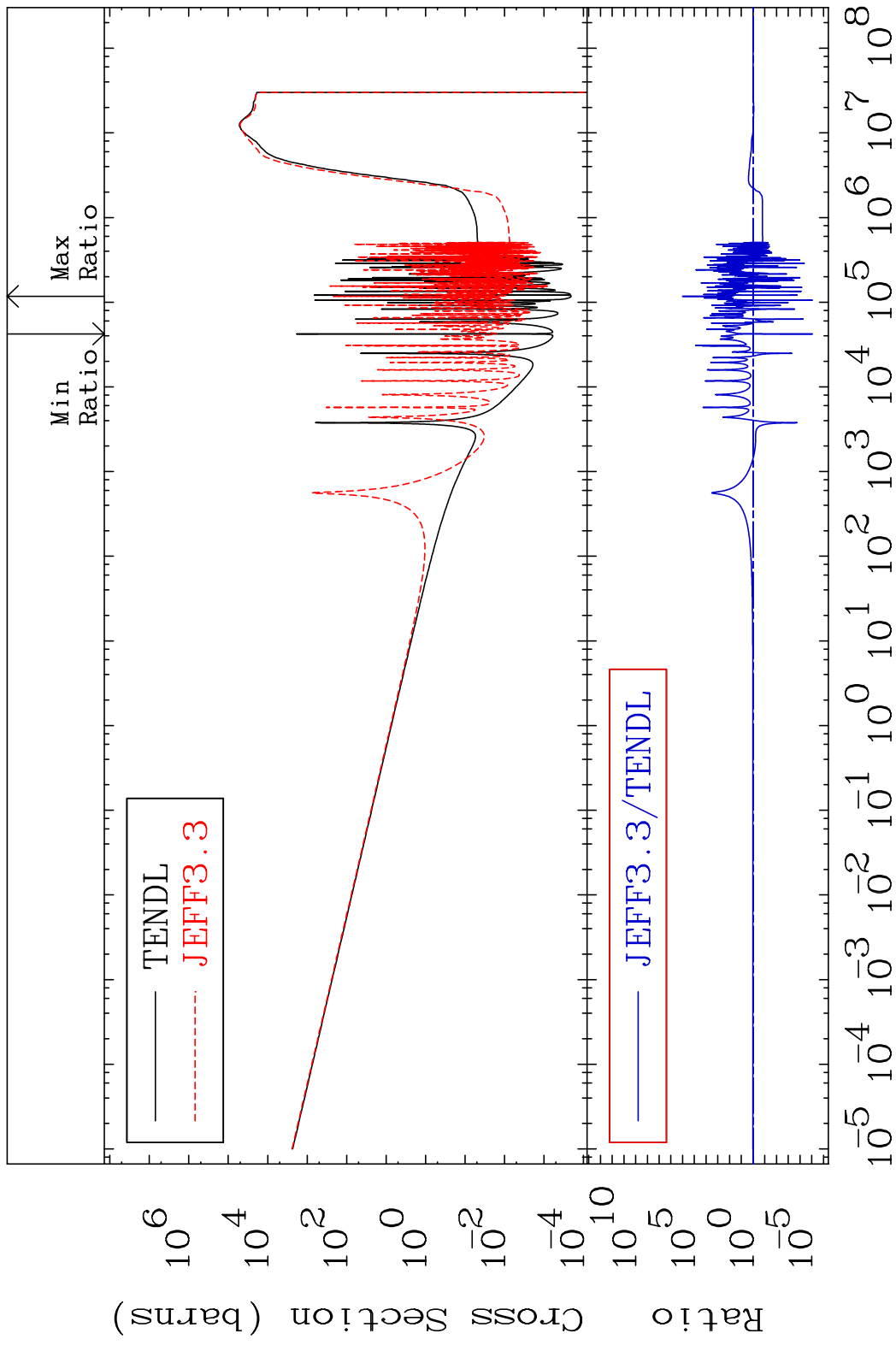
Incident Energy (eV)

18-Ar-38

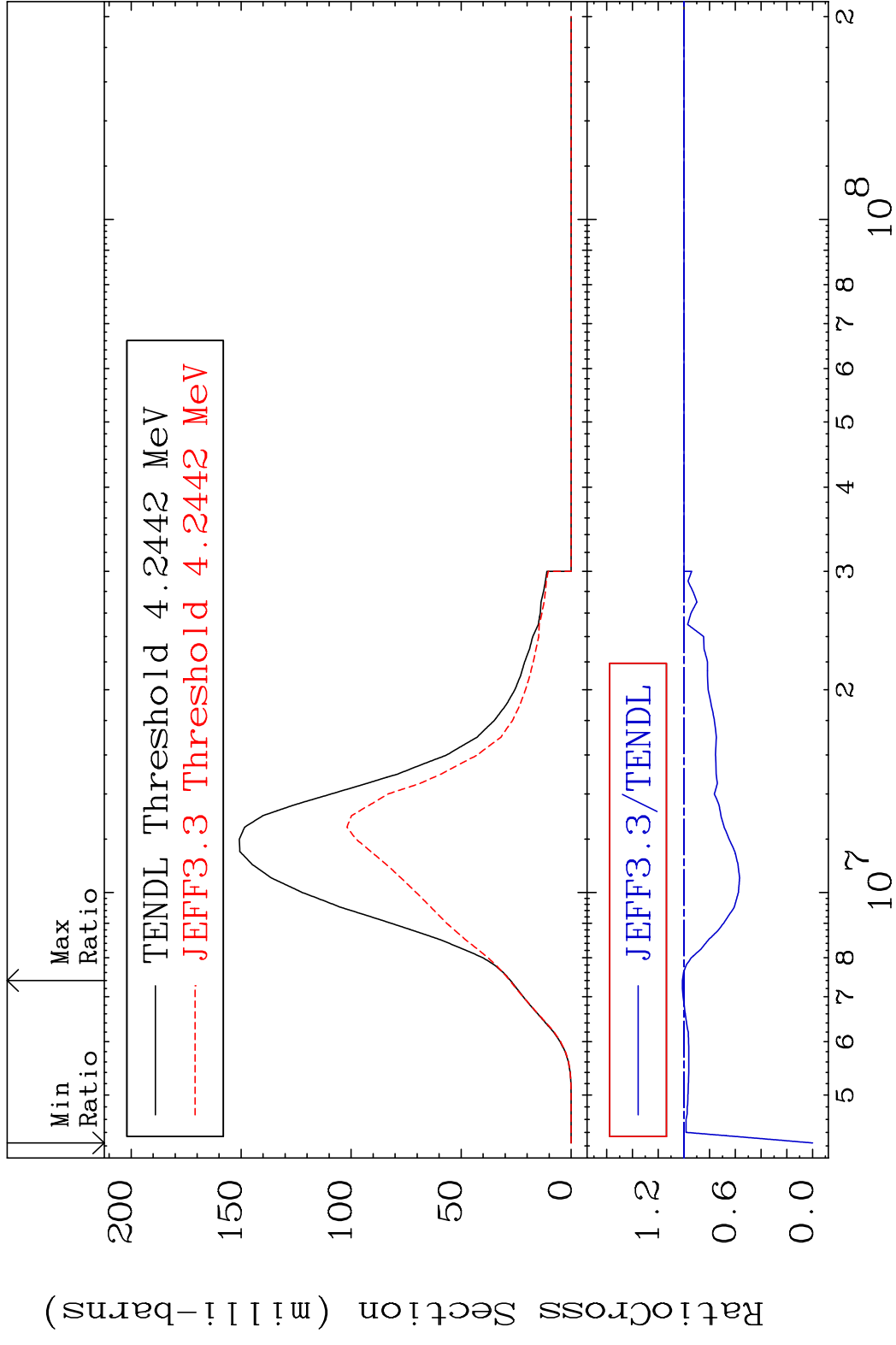
MAT 1831 Dpa inelastic (mt51-91) 18-Ar-38  
 Cross Section -100.0 To 2.915 %



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



MAT 1831 (n,p):17-Cl-38g 18-Ar-38  
 Radionuclide Production Cross Section 1800 d to 1.196 %



MAT 1831 (n,p):17-Cl-38m1 18-Ar-38  
 Radionuclide Production Cross Section 1.305 %

