

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

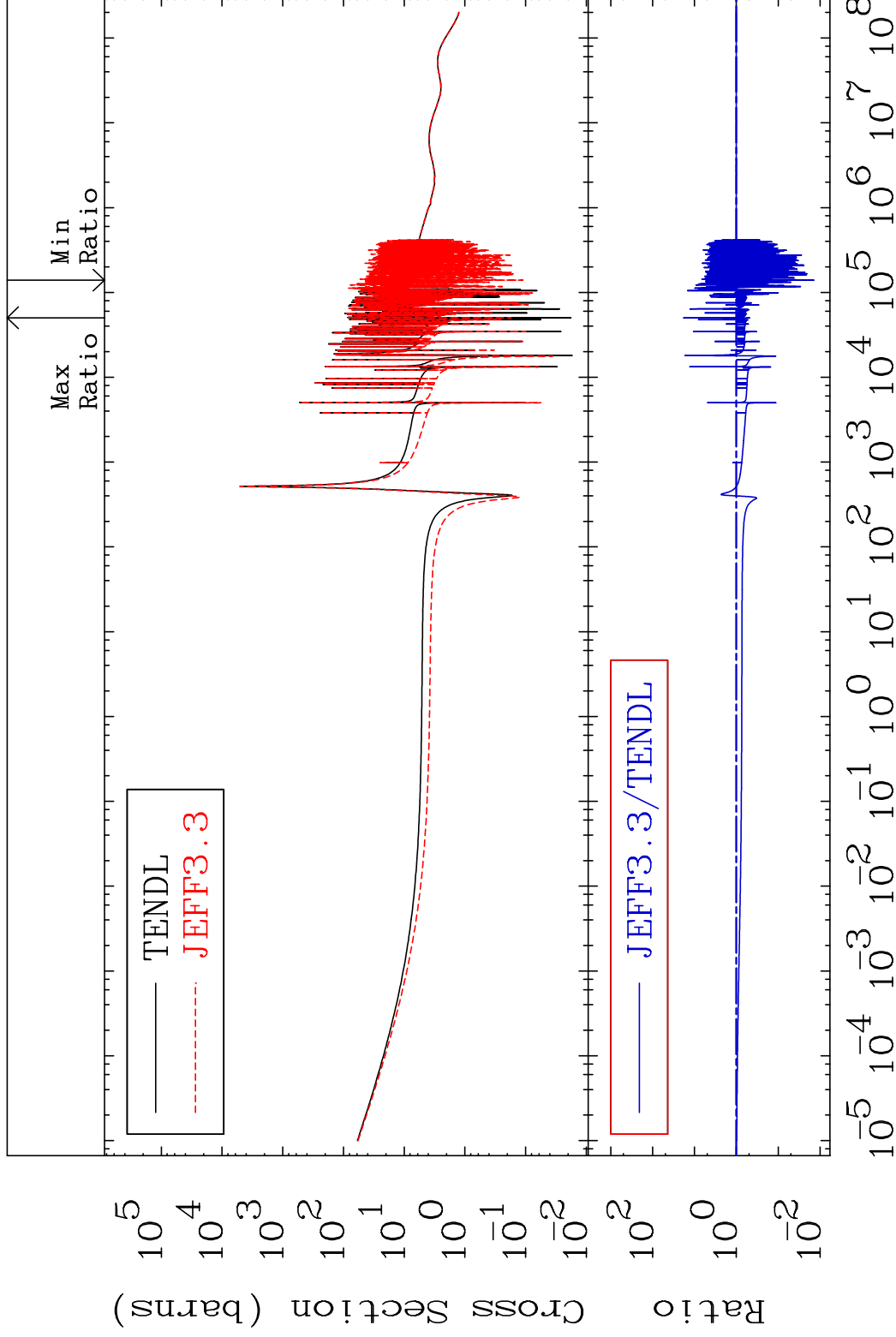
MAT 3037

Total

30-Zn-68

Cross Section

-98.62 To 1720. %



1

Incident Energy (eV)

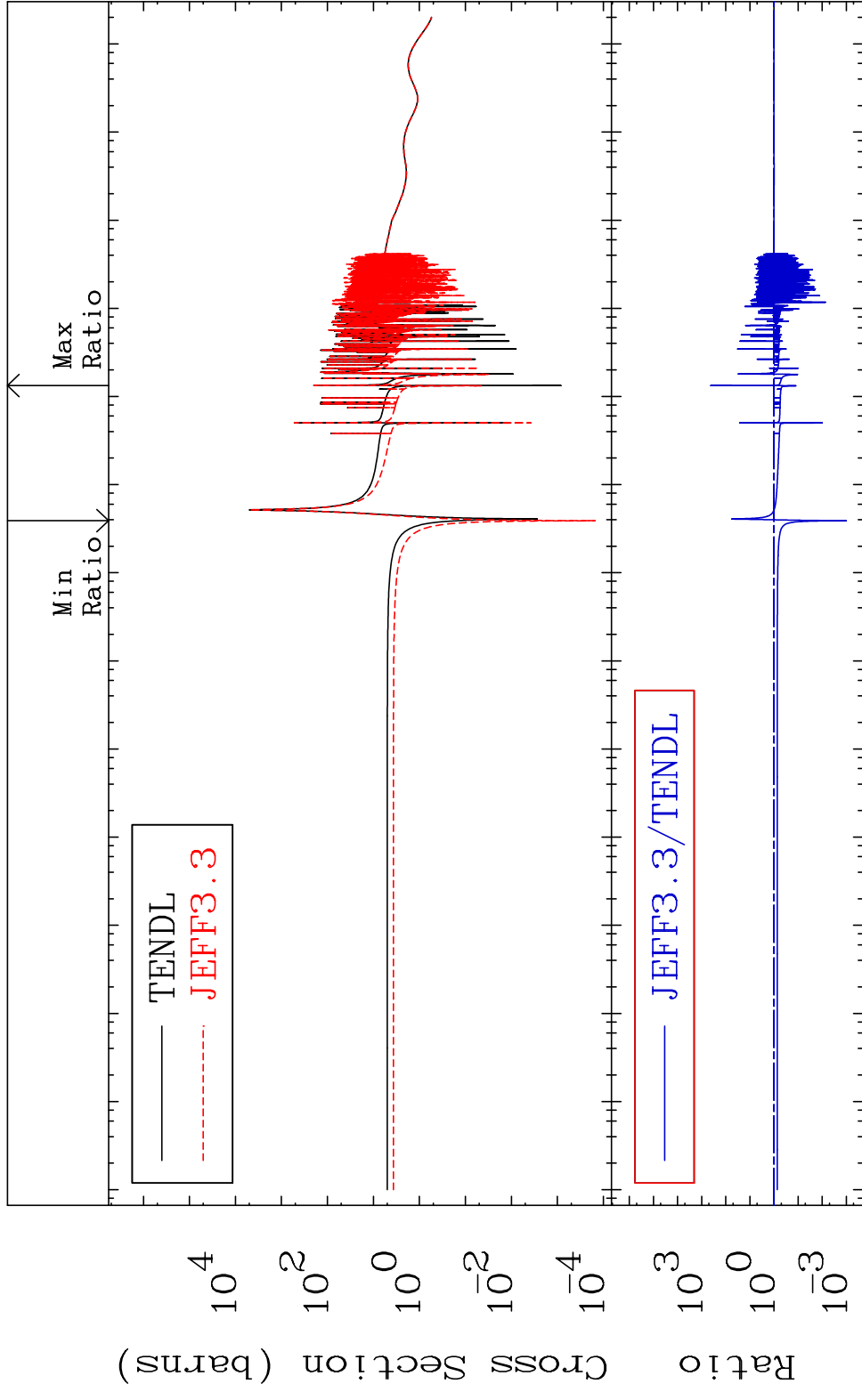
30-Zn-68

MAT 3037

Elastic

30-Zn-68

Cross Section -99.90 To 9999. %

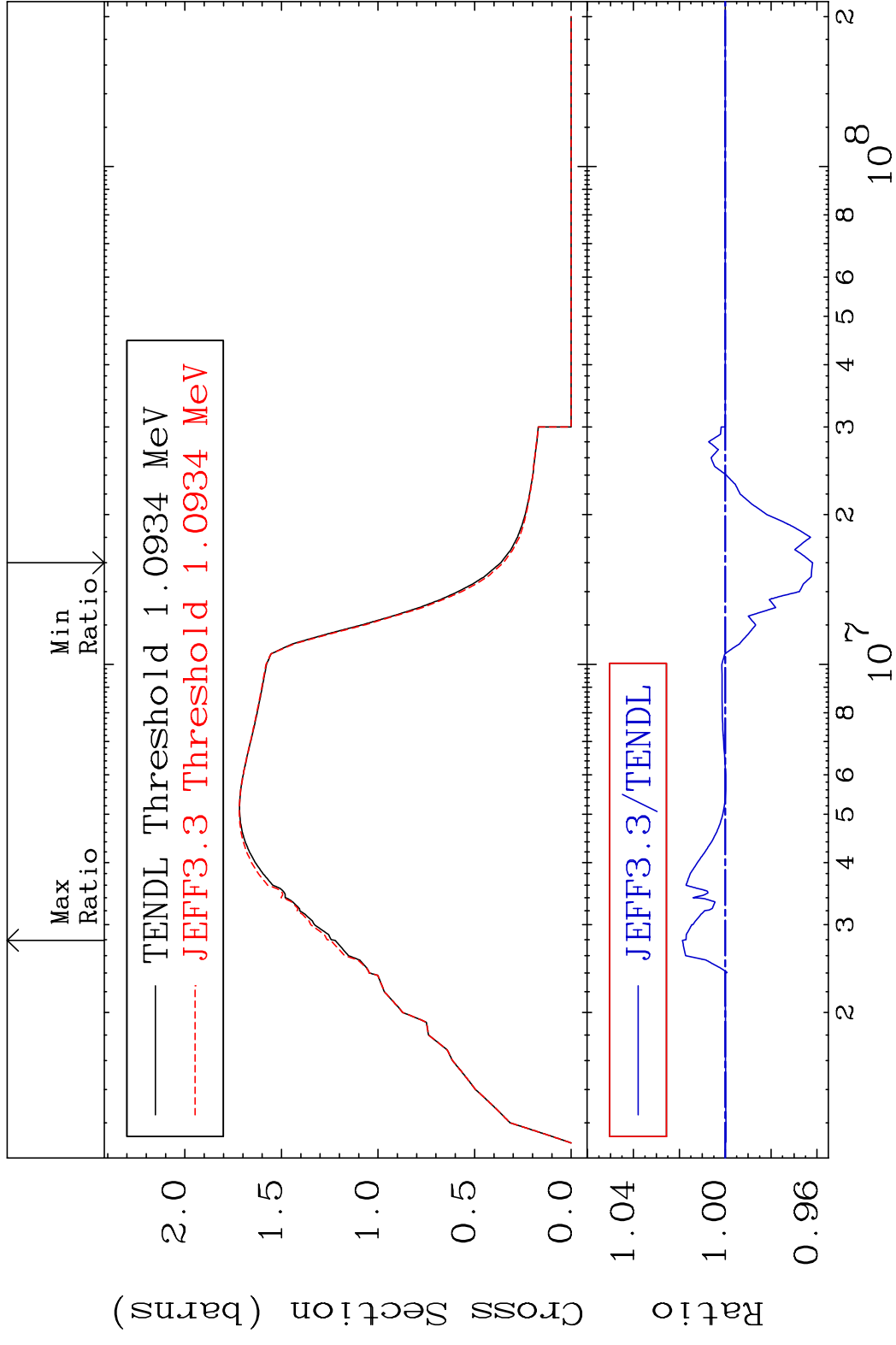


2

Incident Energy (eV)

30-Zn-68

MAT 3037 Inelastic 30-Zn-68  
 Cross Section -3.806 To 1.868 %



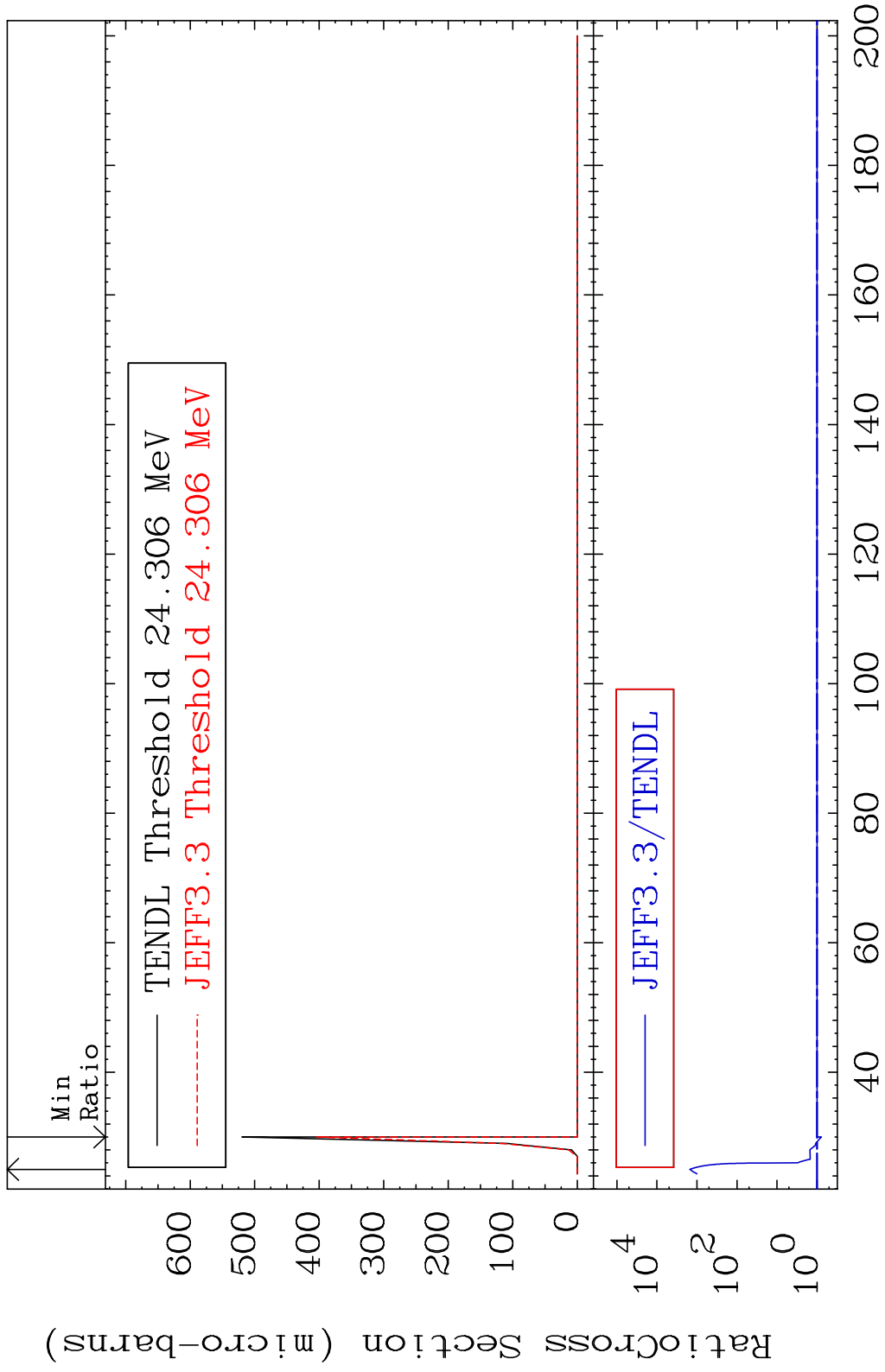
3 Incident Energy (eV) 30-Zn-68

MAT 3037

(n,2n) d

30-Zn-68

Cross Section -22.24 To 9999. %



4

Incident Energy (MeV)

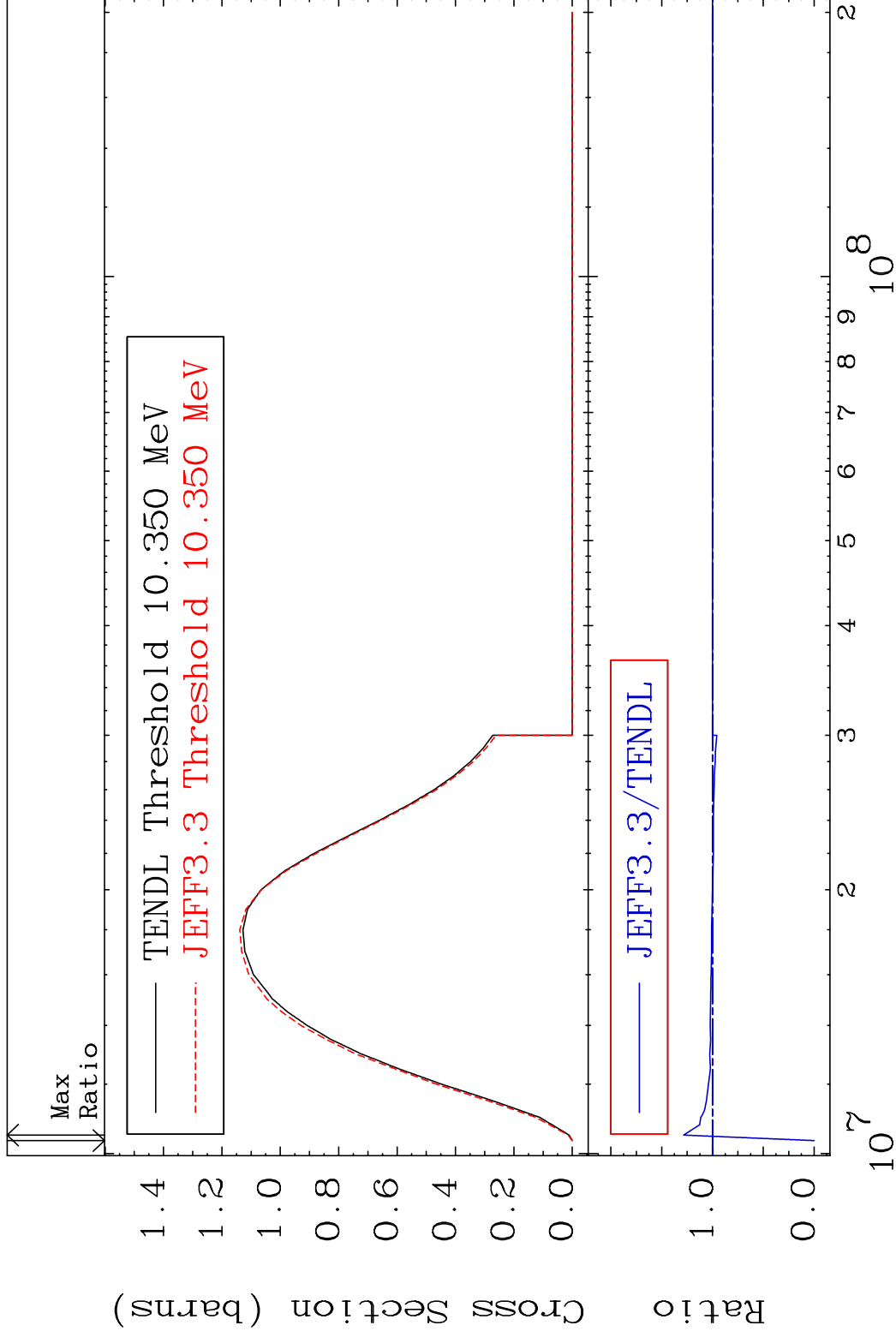
30-Zn-68

MAT 3037

(n,2n)

30-Zn-68

Cross Section -100.0 To 28.39 %



5

Incident Energy (eV)

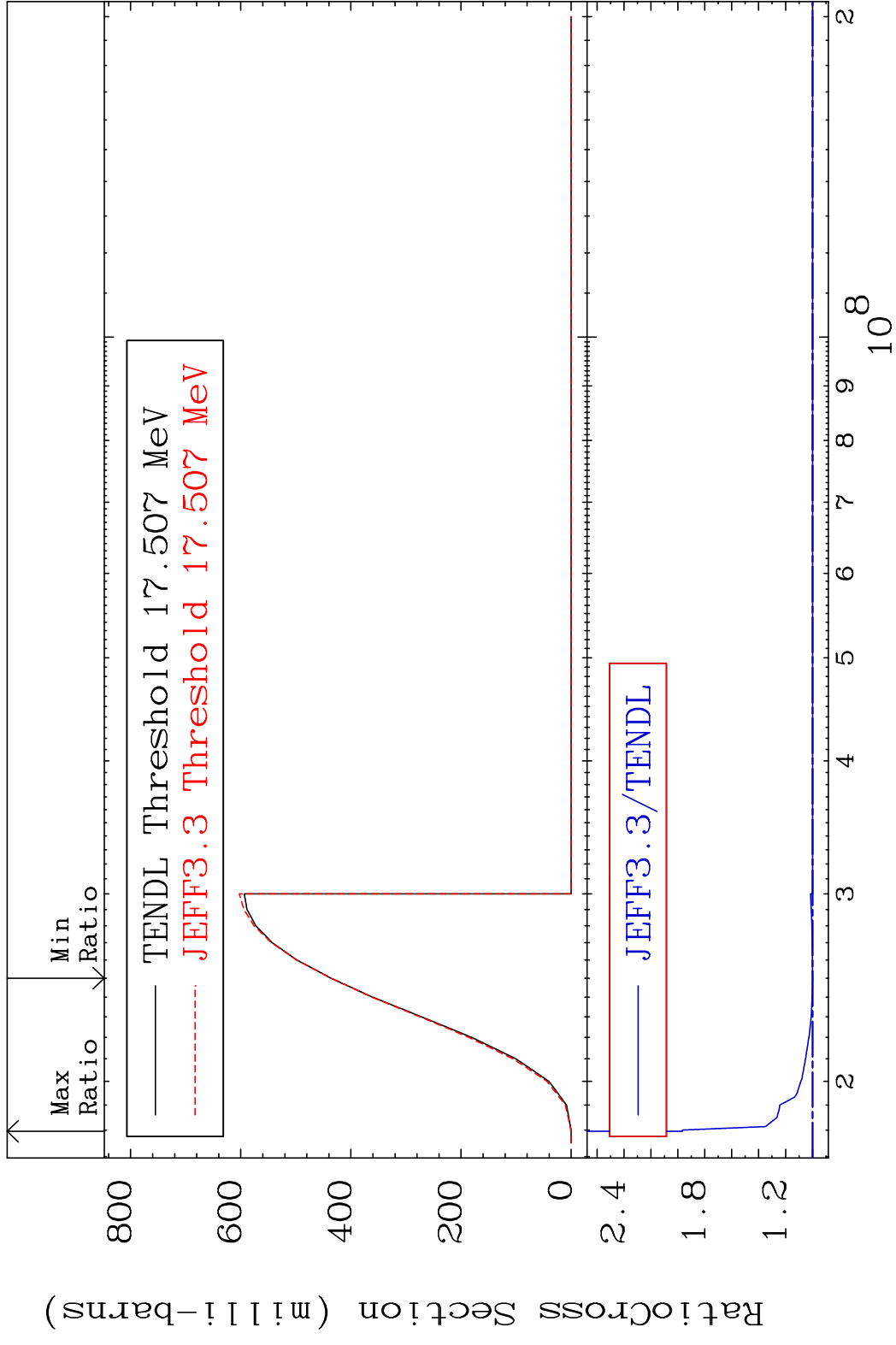
30-Zn-68

MAT 3037

(n,3n)

30-Zn-68

Cross Section -0.027 To 96.65 %

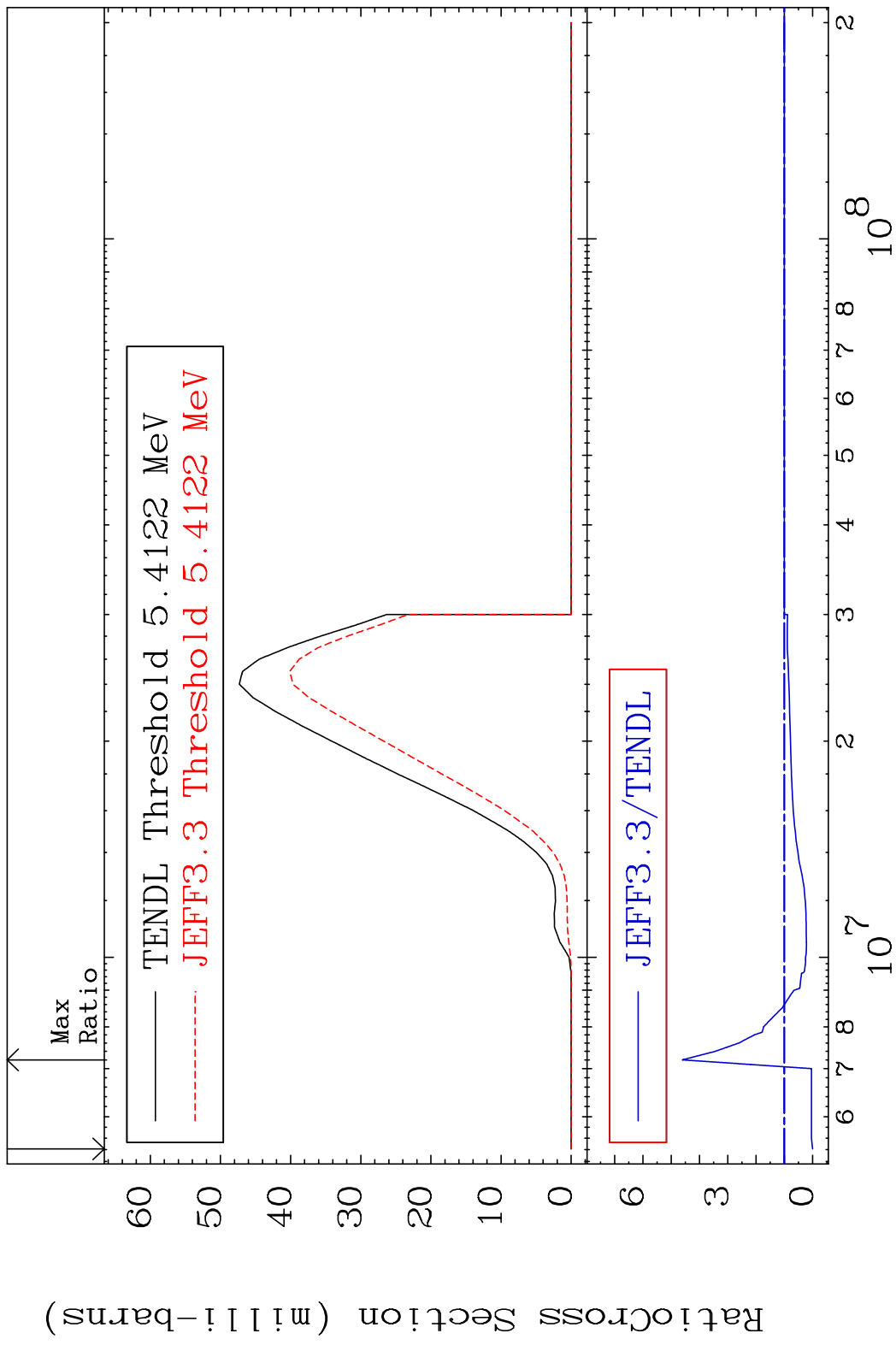


6

Incident Energy (eV)

30-Zn-68

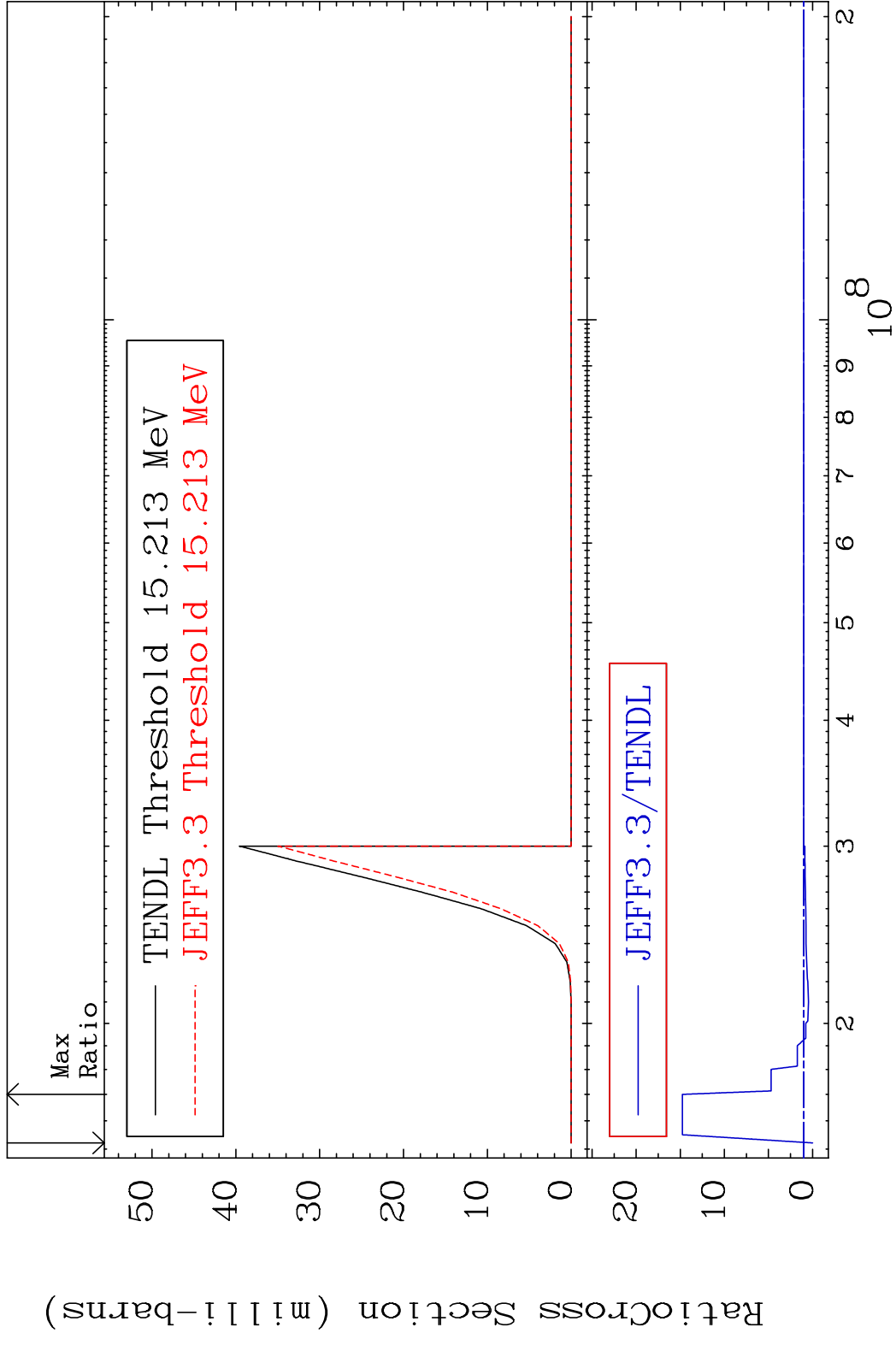
MAT 3037 (n, n')  $\alpha$  30-Zn-68  
 Cross Section -100.0 To 360.6 %



7 30-Zn-68

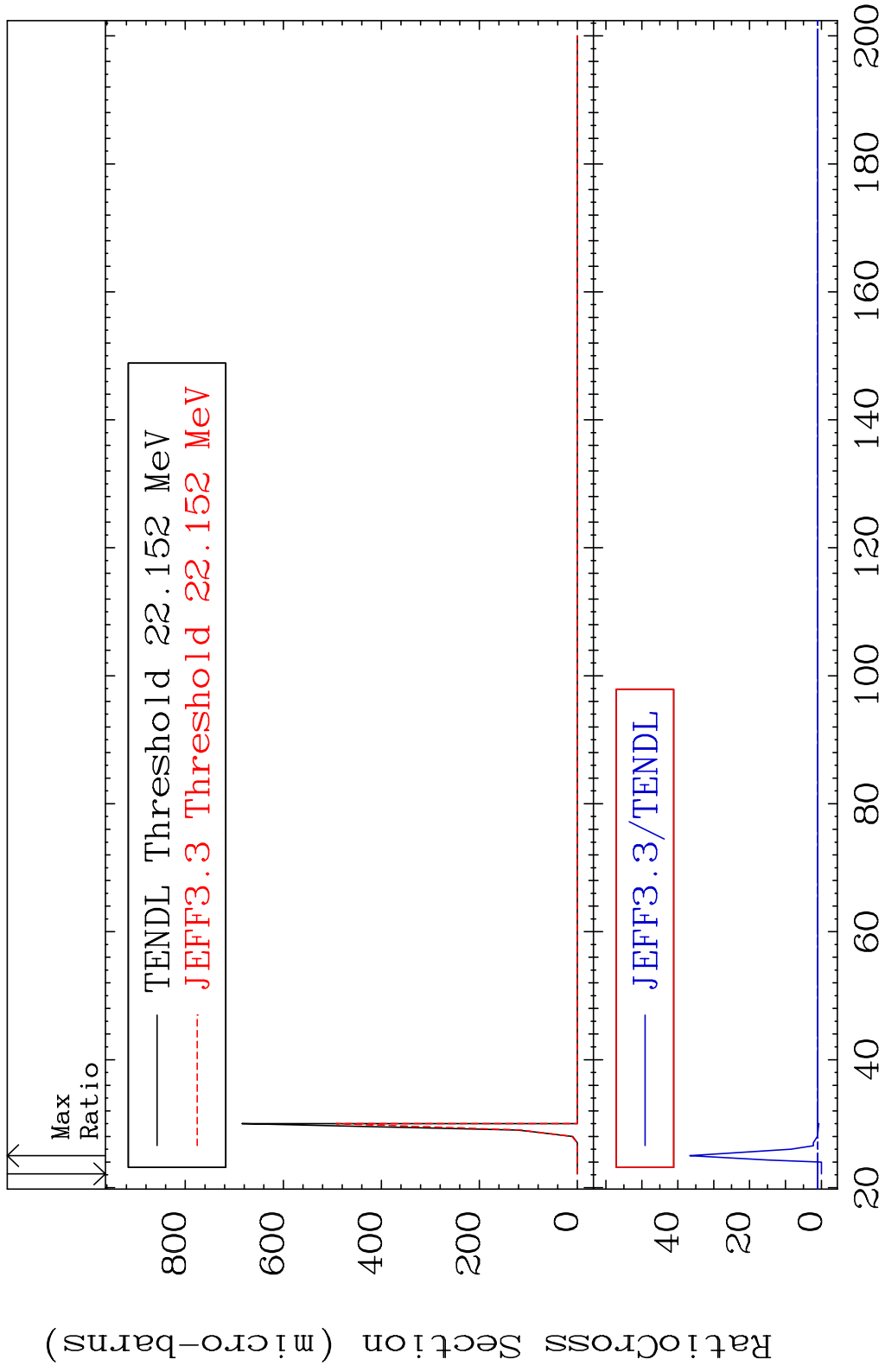


MAT 3037 (n,2n)  $\alpha$  30-Zn-68  
 Cross Section -100.0 To 1376. %



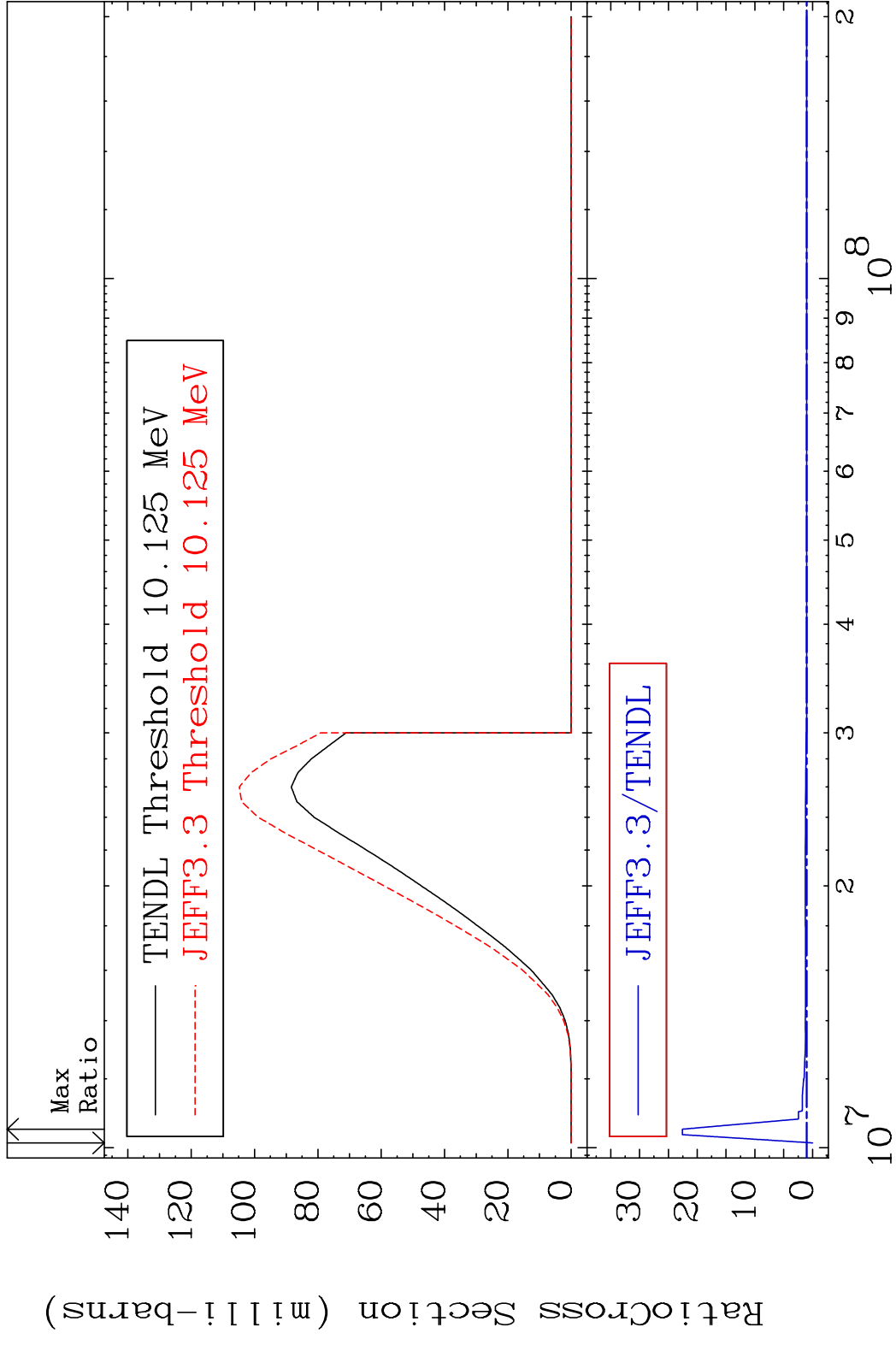
8 Incident Energy (eV) 30-Zn-68

MAT 3037 (n,3n)  $\alpha$  30-Zn-68  
 Cross Section -100.0 To 3566. %

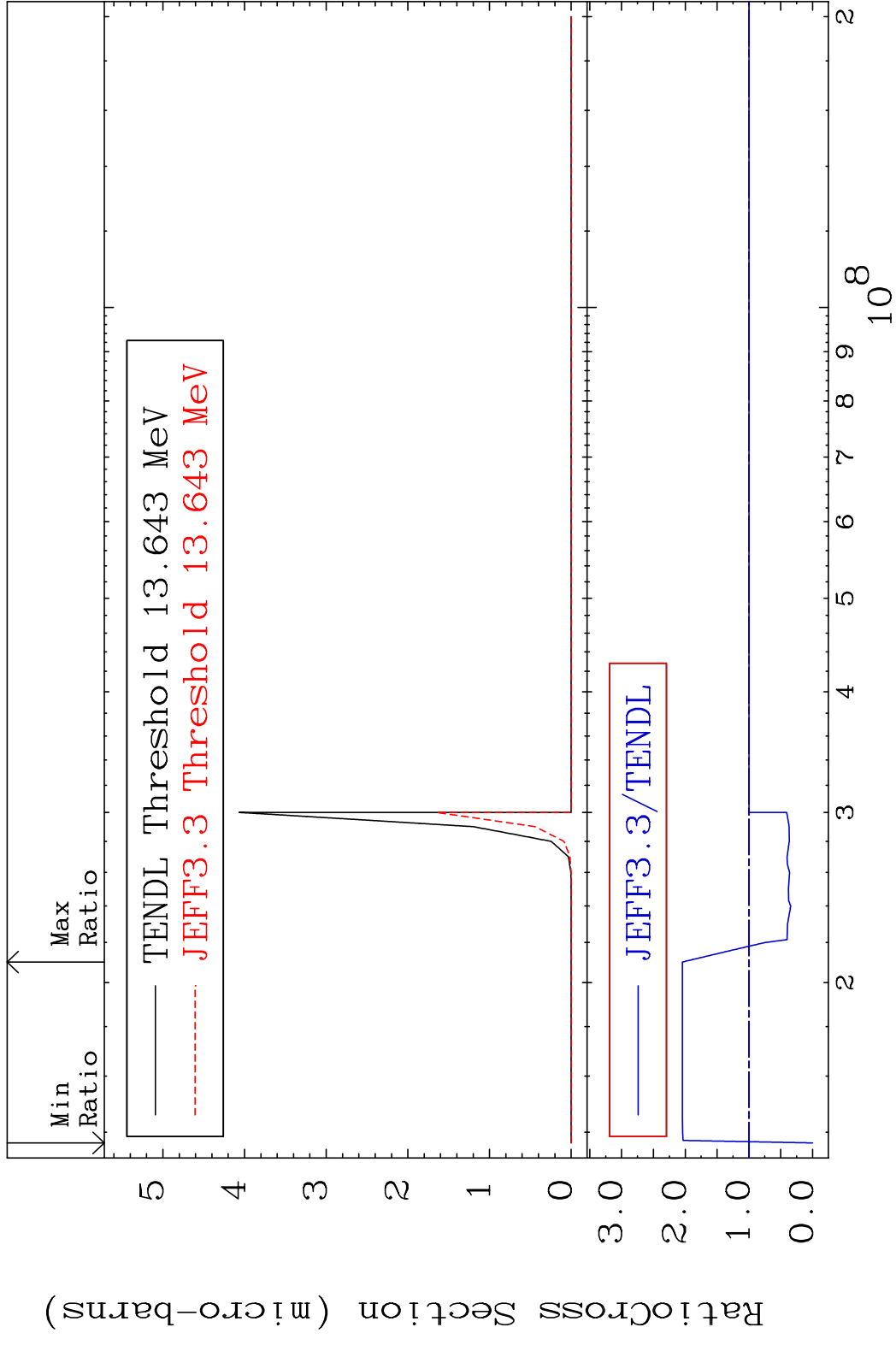


9 Incident Energy (MeV) 30-Zn-68

MAT 3037 (n, n') p 30-Zn-68  
 Cross Section -100.0 To 2157. %



MAT 3037 (n, n') 2α 30-Zn-68  
 Cross Section -100.0 To 104.6 %

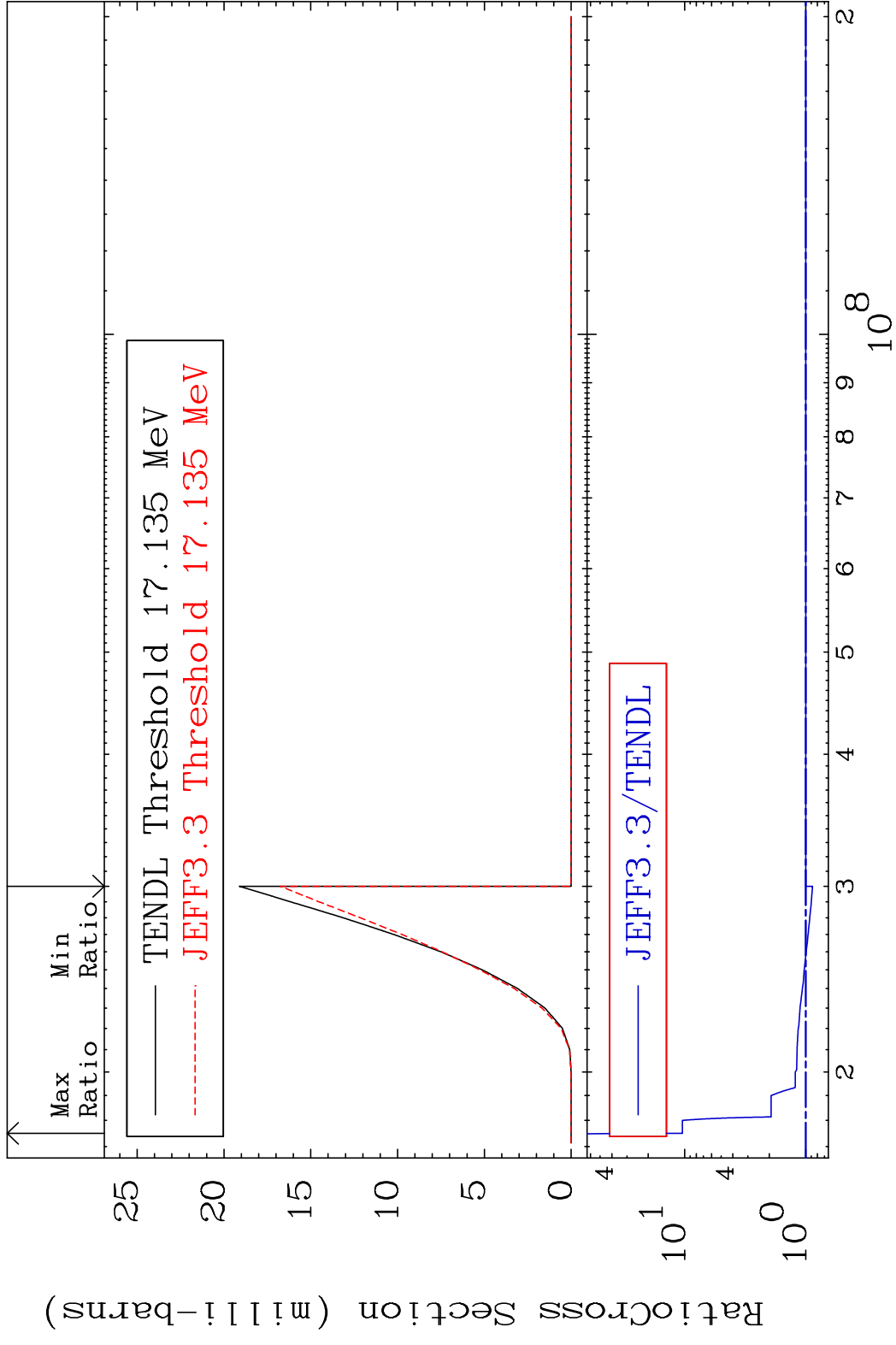


MAT 3037

(n, n') d

30-Zn-68

Cross Section -12.30 To 945.2 %

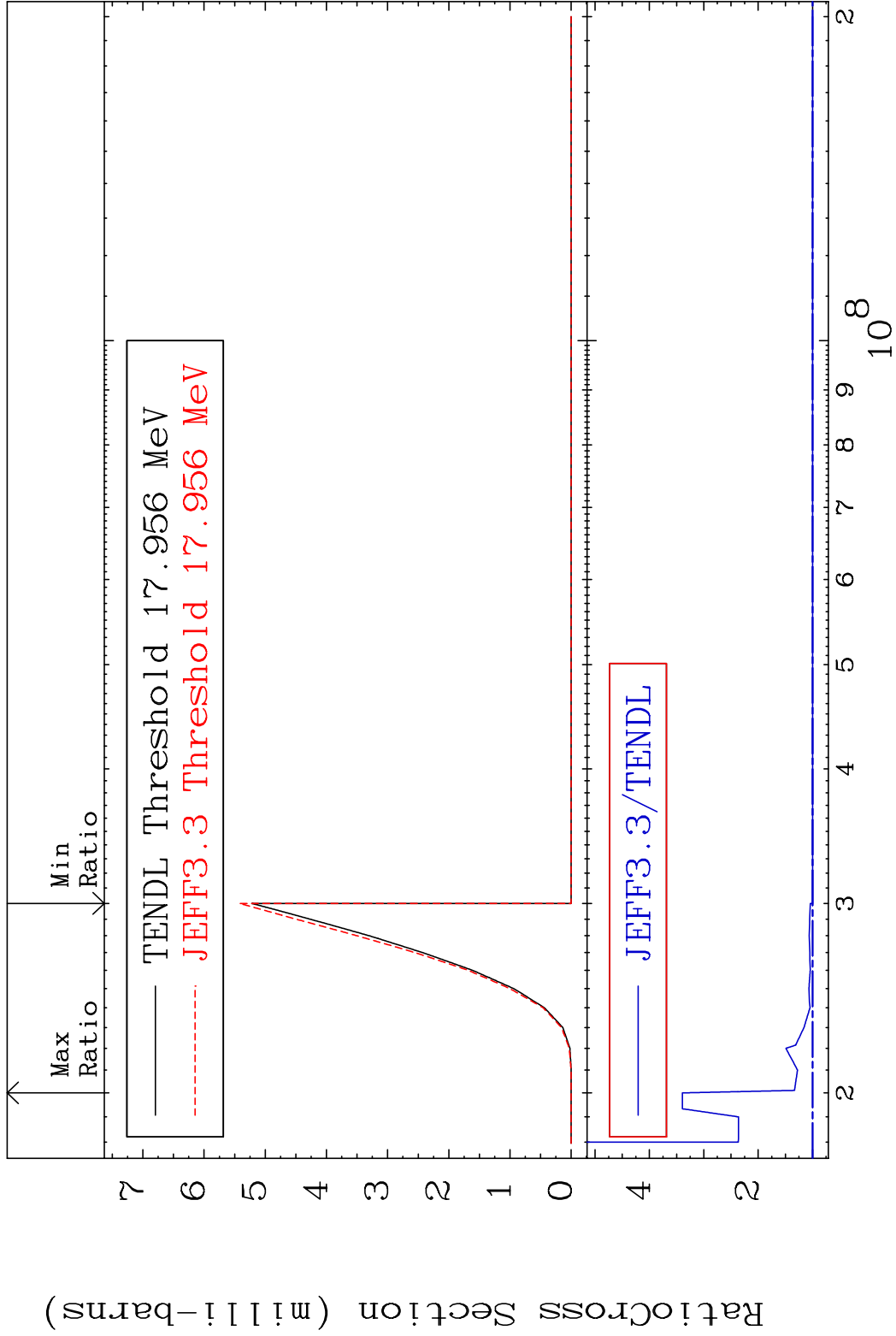


MAT 3037

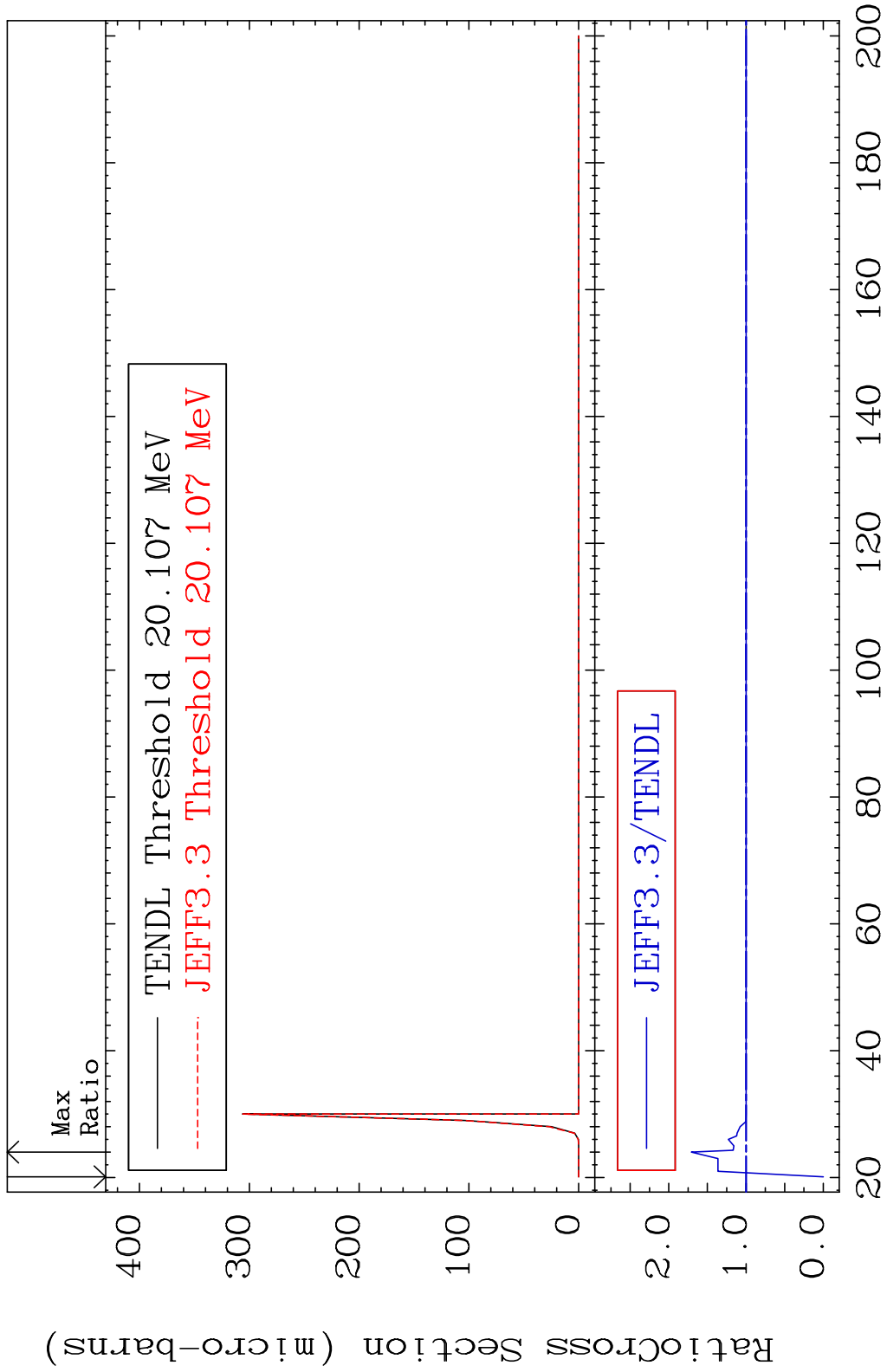
(n, n') t

30-Zn-68

Cross Section 0.000 To 239.4 %

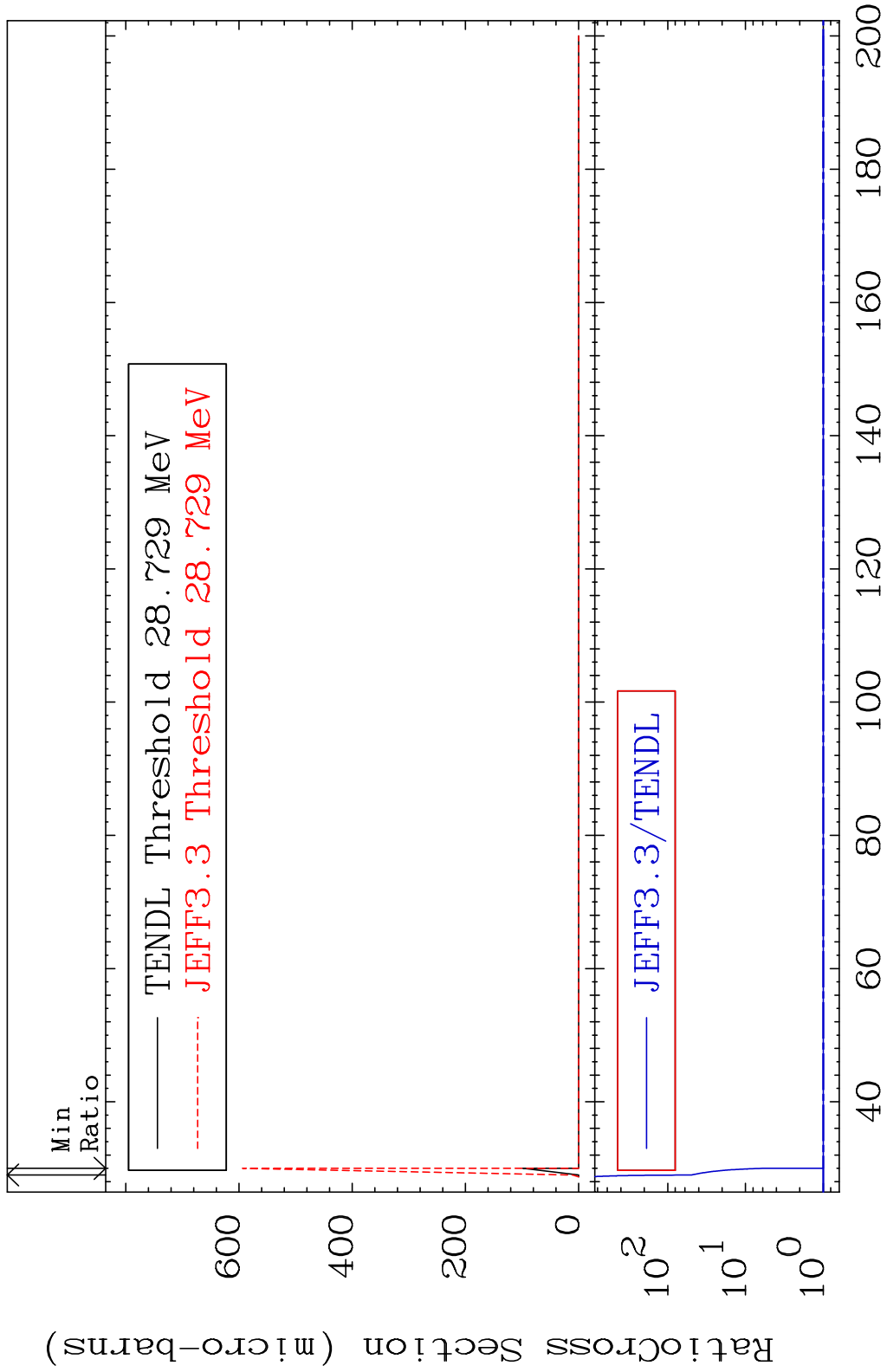


MAT 3037 (n,n') He-3 30-Zn-68  
 Cross Section -100.0 To 70.81 %



14 Incident Energy (MeV) 30-Zn-68

MAT 3037 (n,4n) 30-Zn-68  
 Cross Section 0.000 To 4868. %



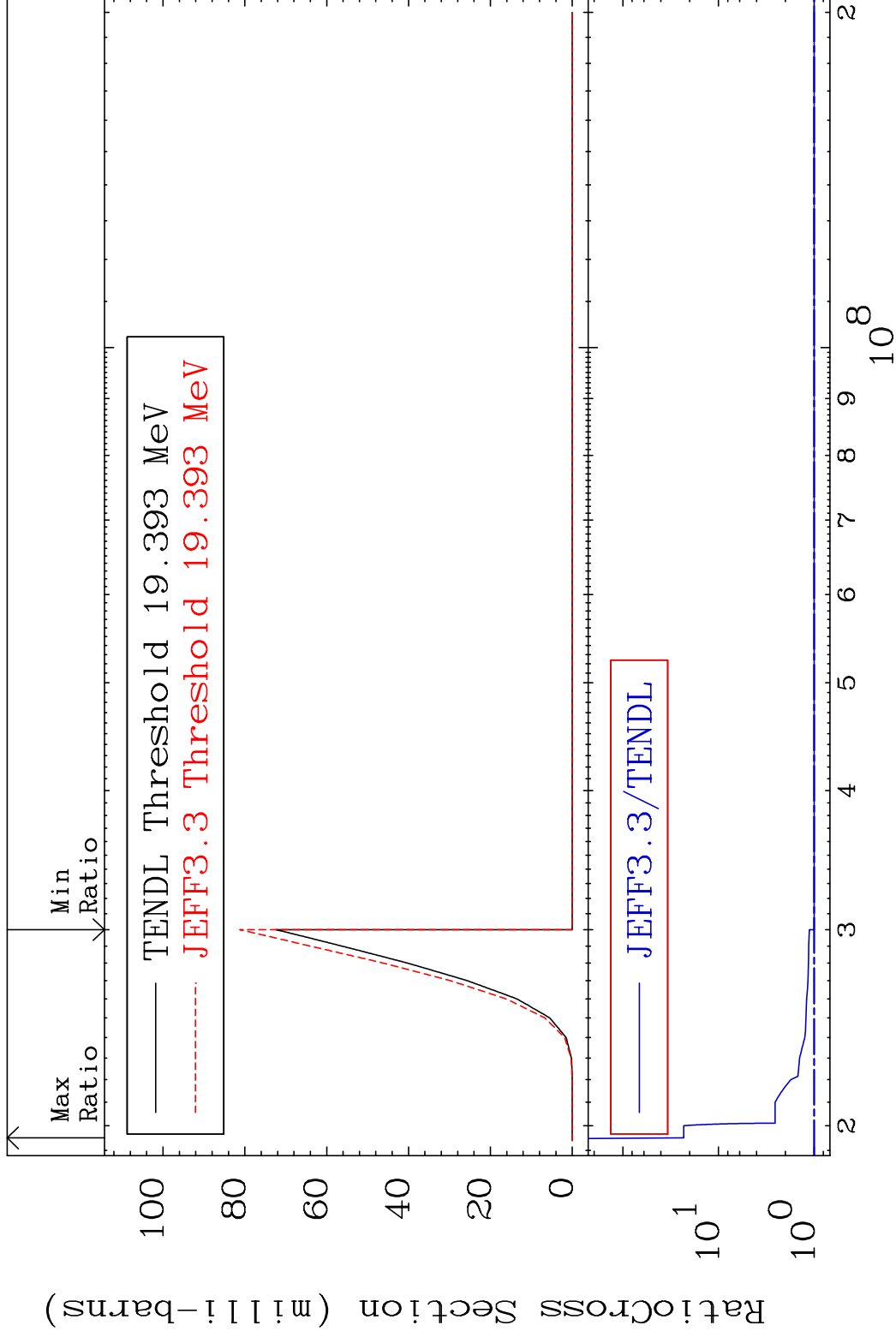


MAT 3037

(n,2n) p

30-Zn-68

Cross Section 0.000 To 2212. %

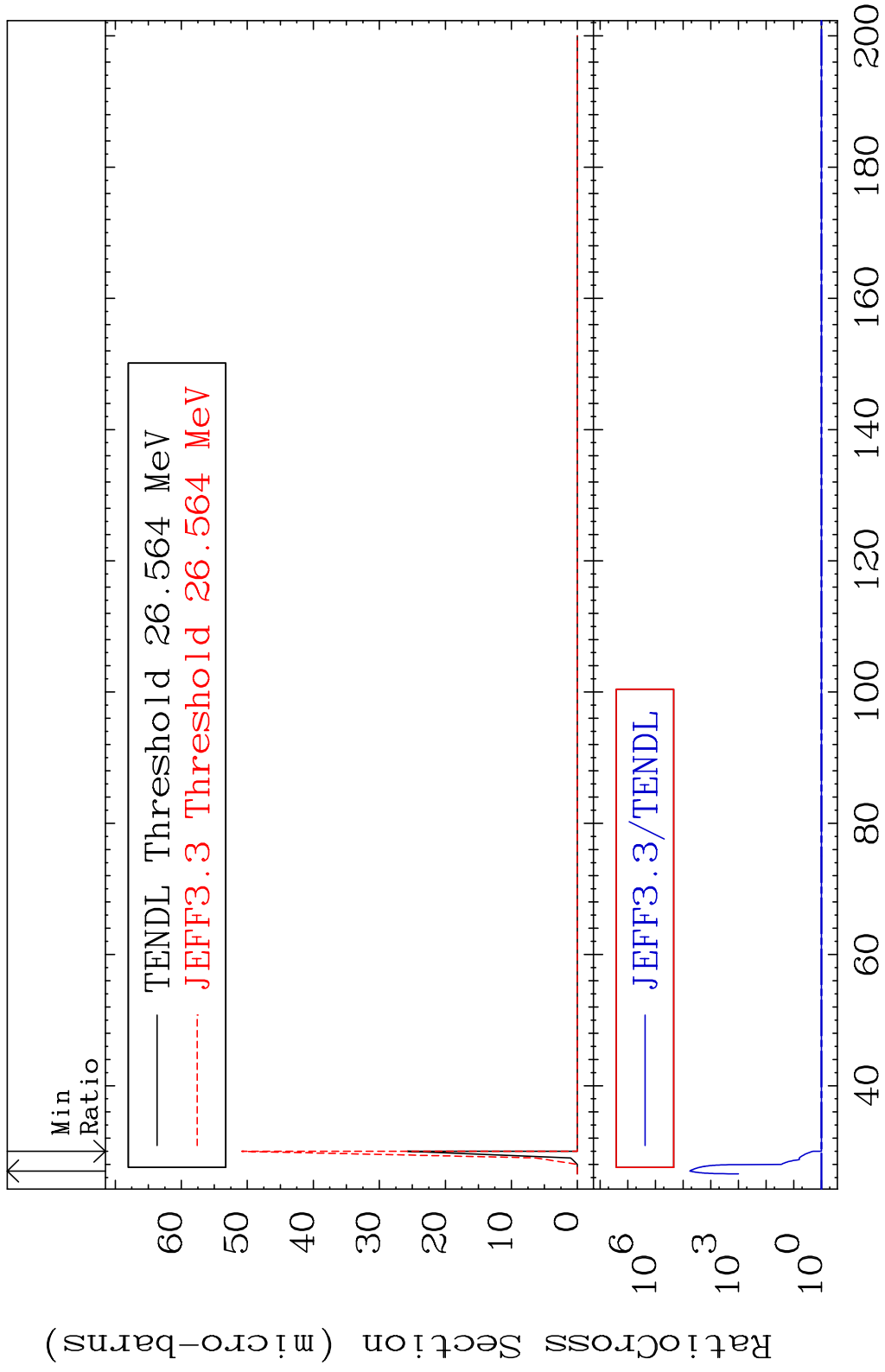


16

Incident Energy (eV)

30-Zn-68

MAT 3037 (n,3n) p 30-Zn-68  
 Cross Section 0.000 To 9999. %

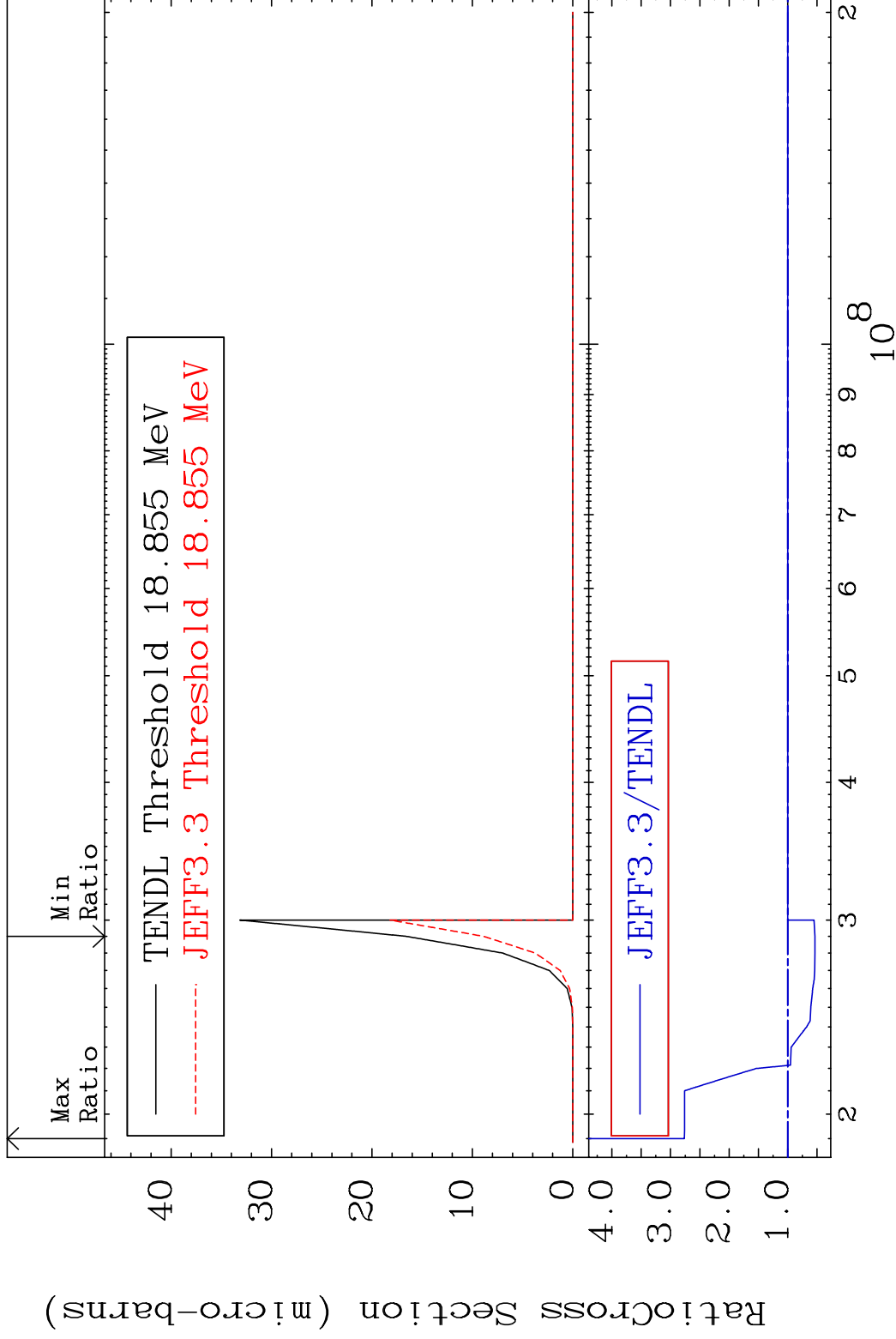


MAT 3037

(n,2n) p

30-Zn-68

Cross Section -46.41 To 176.4 %



18

Incident Energy (eV)

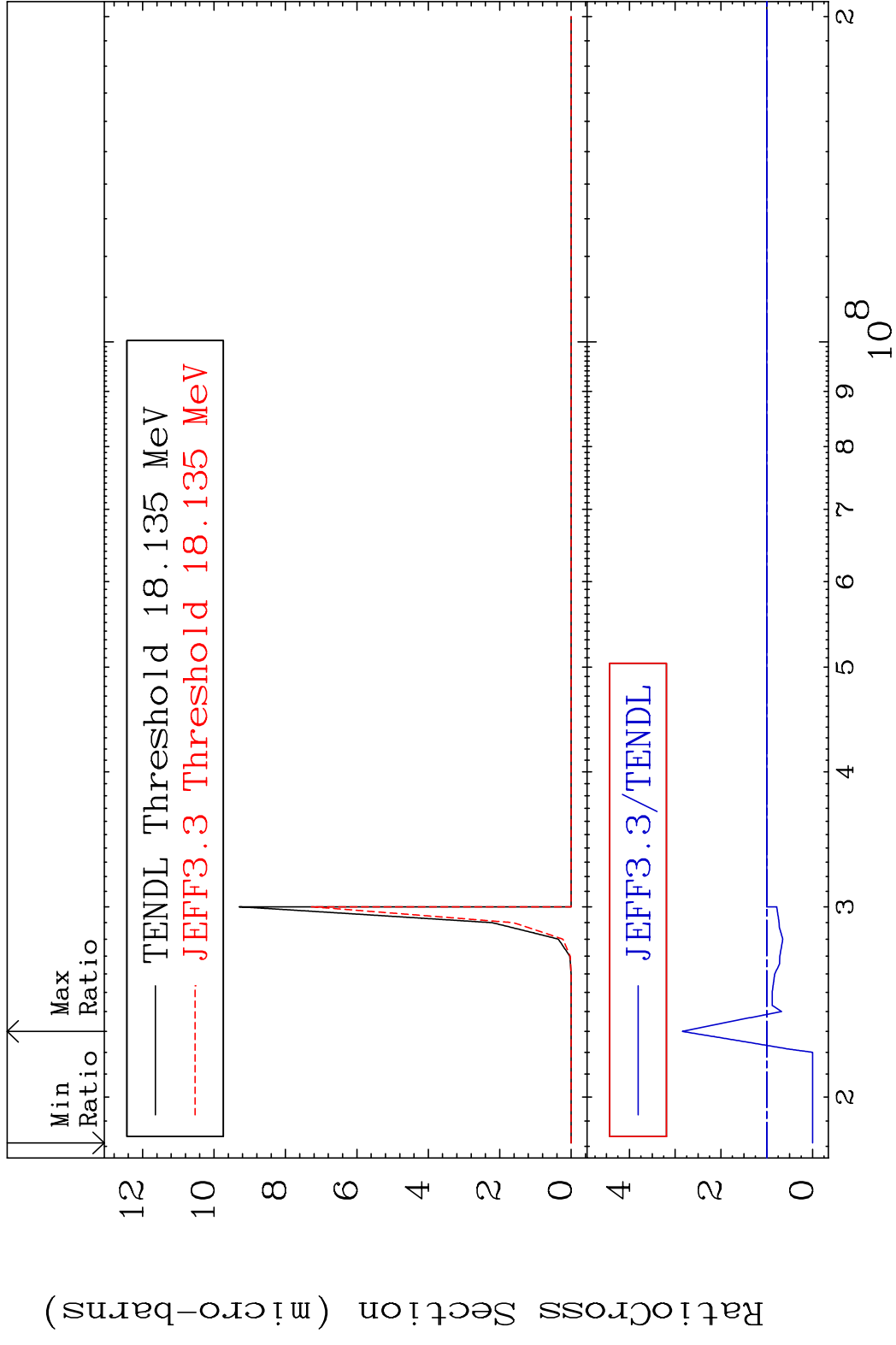
30-Zn-68

MAT 3037

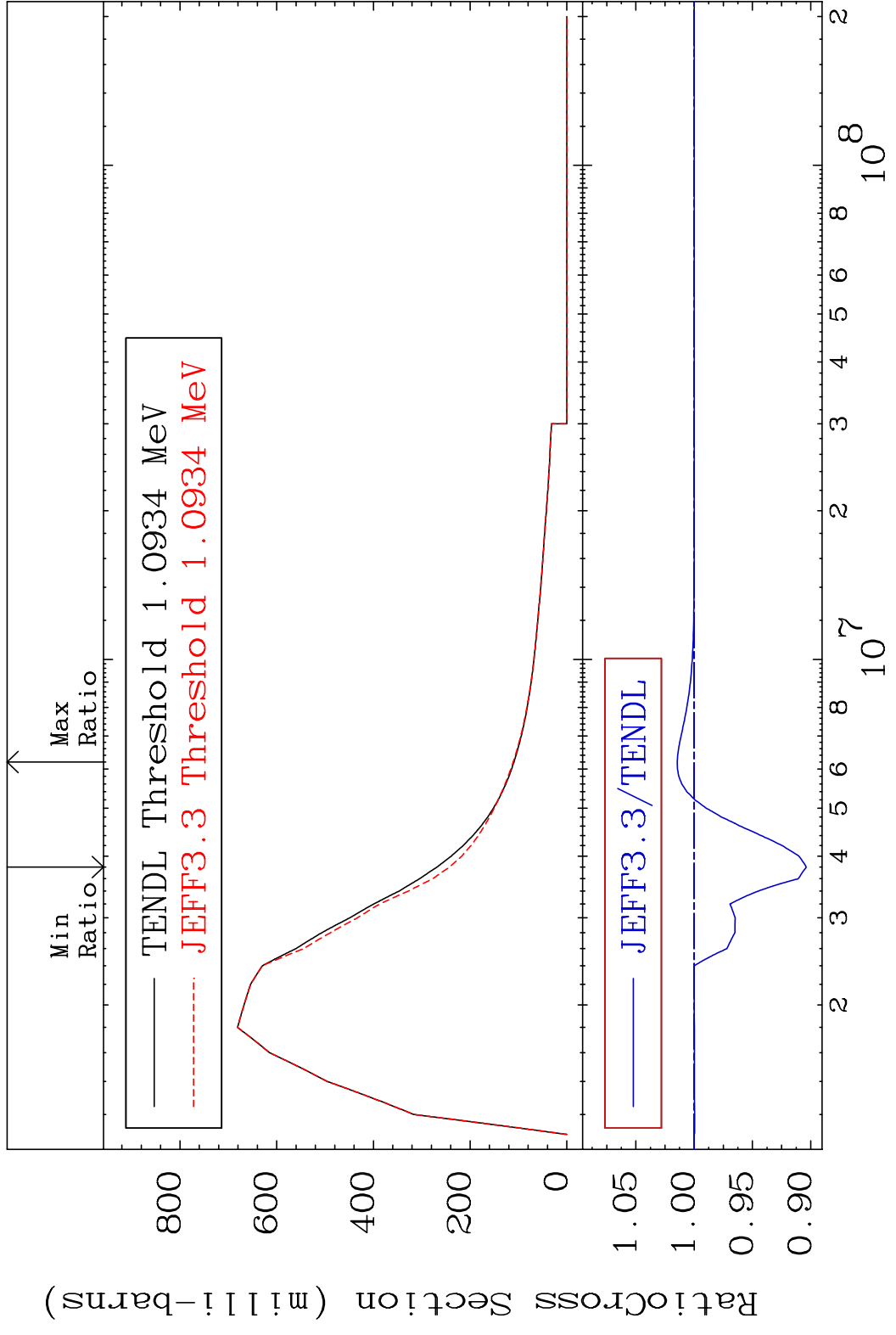
(n,n') p  $\alpha$

30-Zn-68

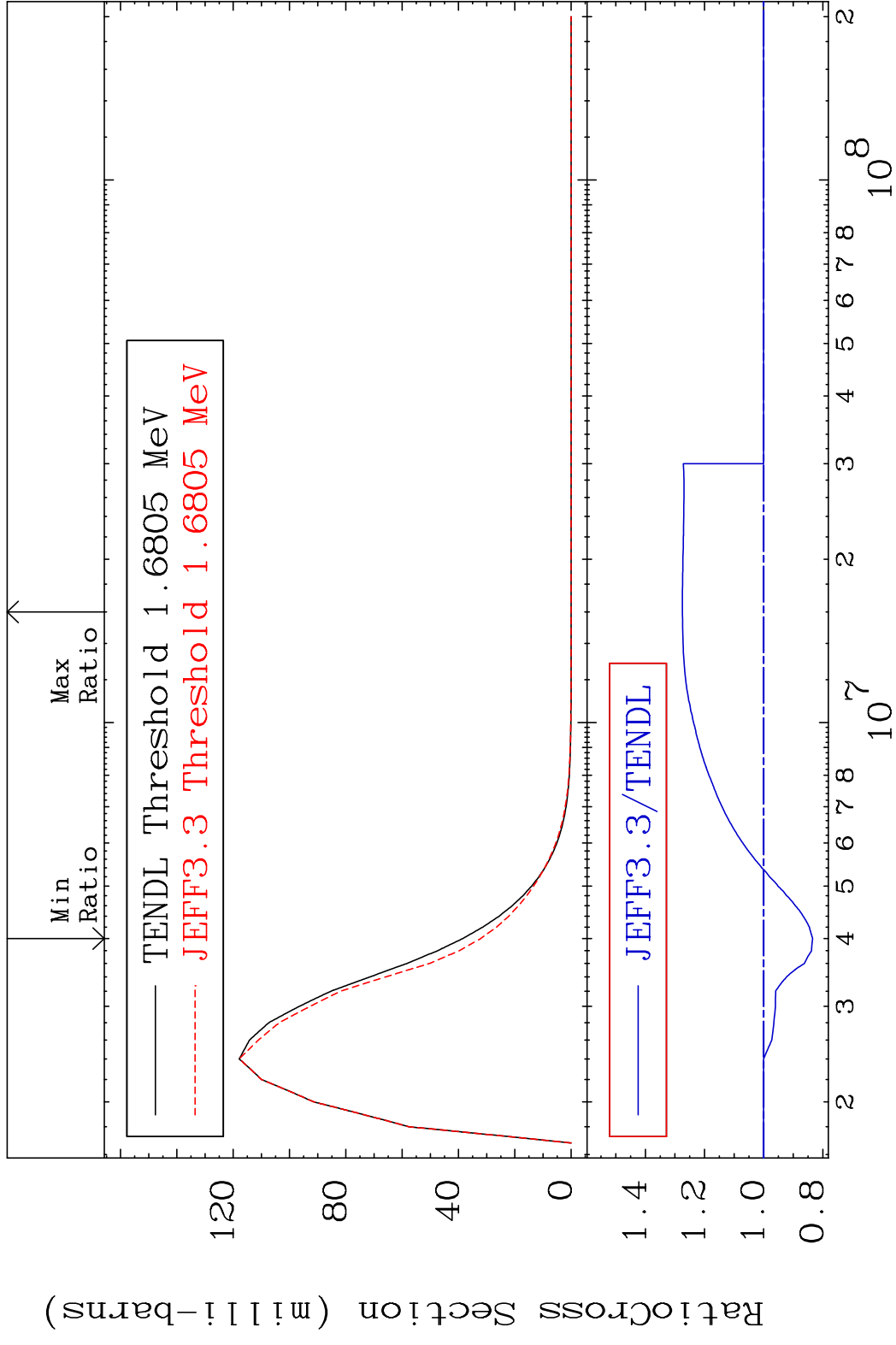
Cross Section -100.0 To 184.4 %



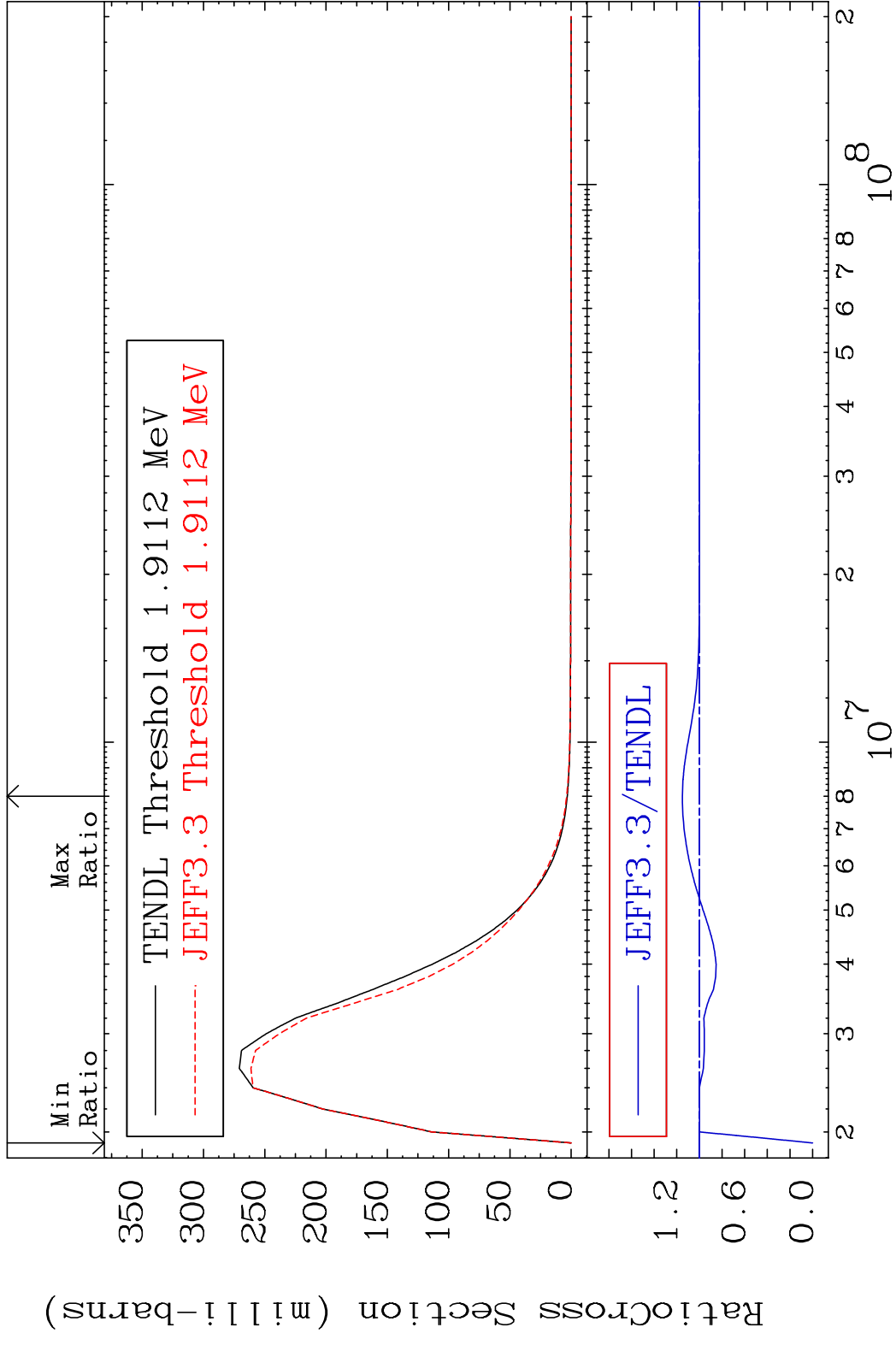
MAT 3037 MT= 51 (n,n') Level 30-Zn-68  
 Cross Section -9.629 To 1.457 %



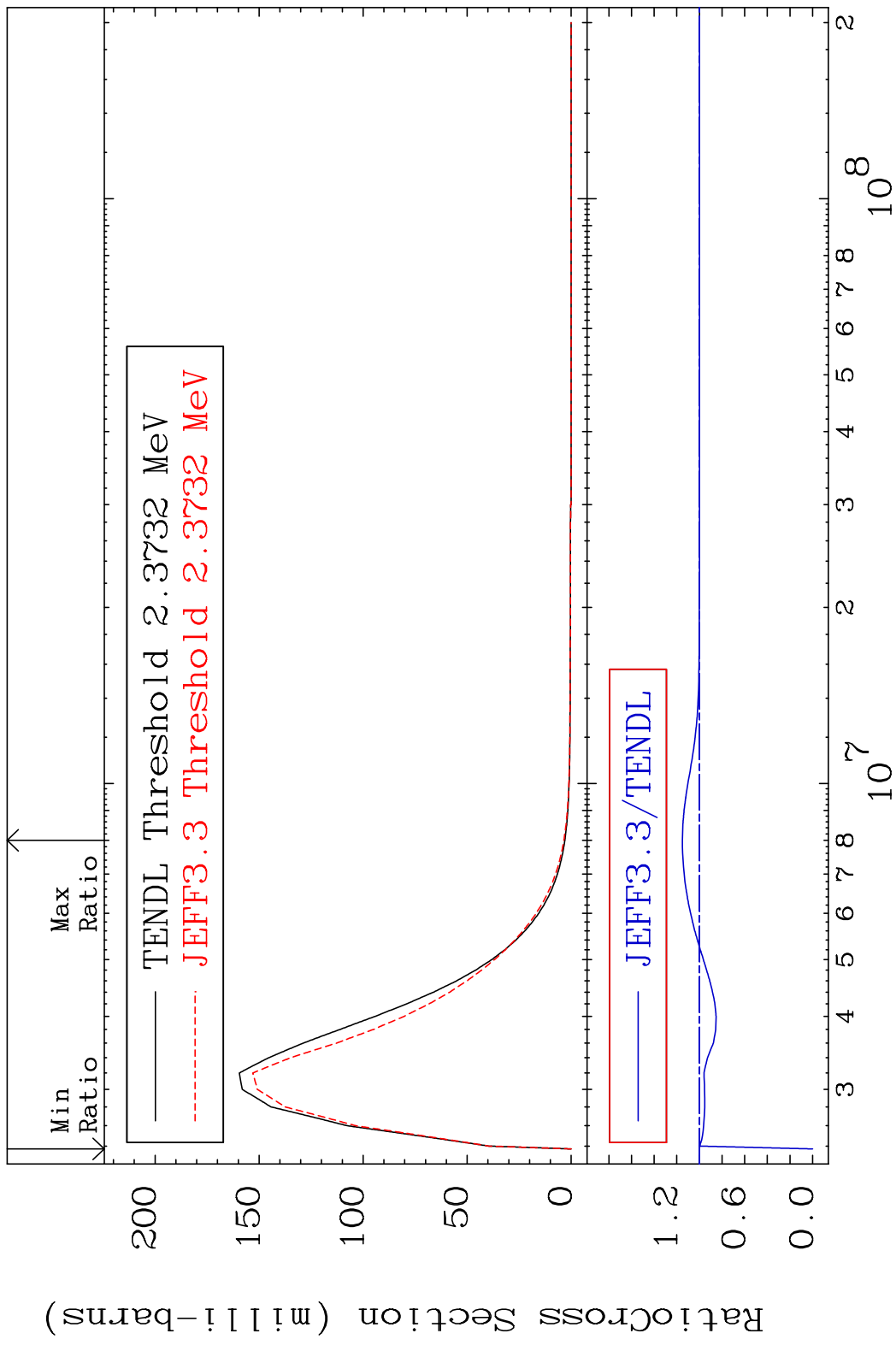
MAT 3037 MT= 52 (n, n') Level 30-Zn-68  
 Cross Section -16.53 To 27.50 %



MAT 3037 MT= 53 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 15.08 %

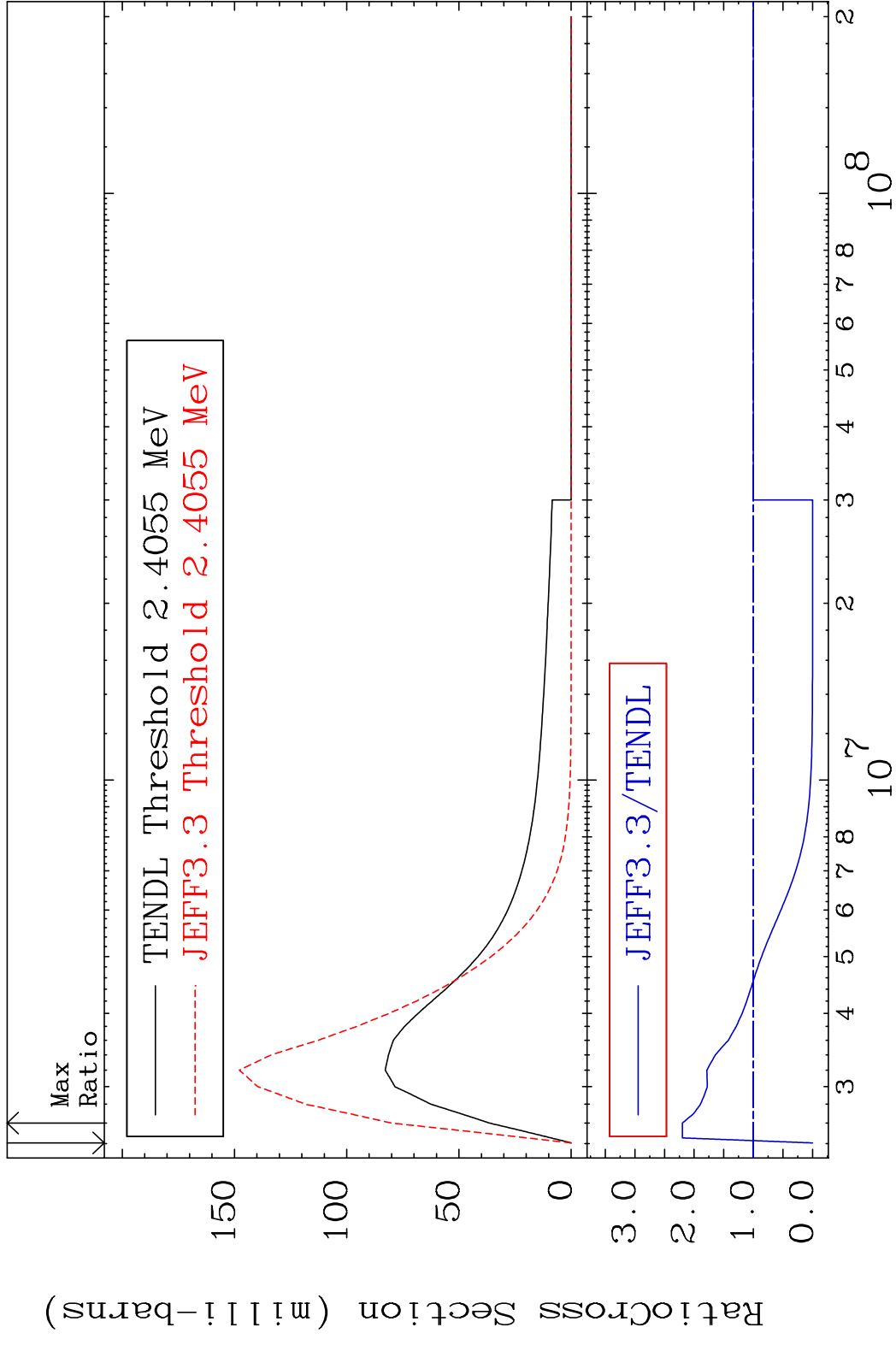


MAT 3037 MT= 54 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 15.07 %

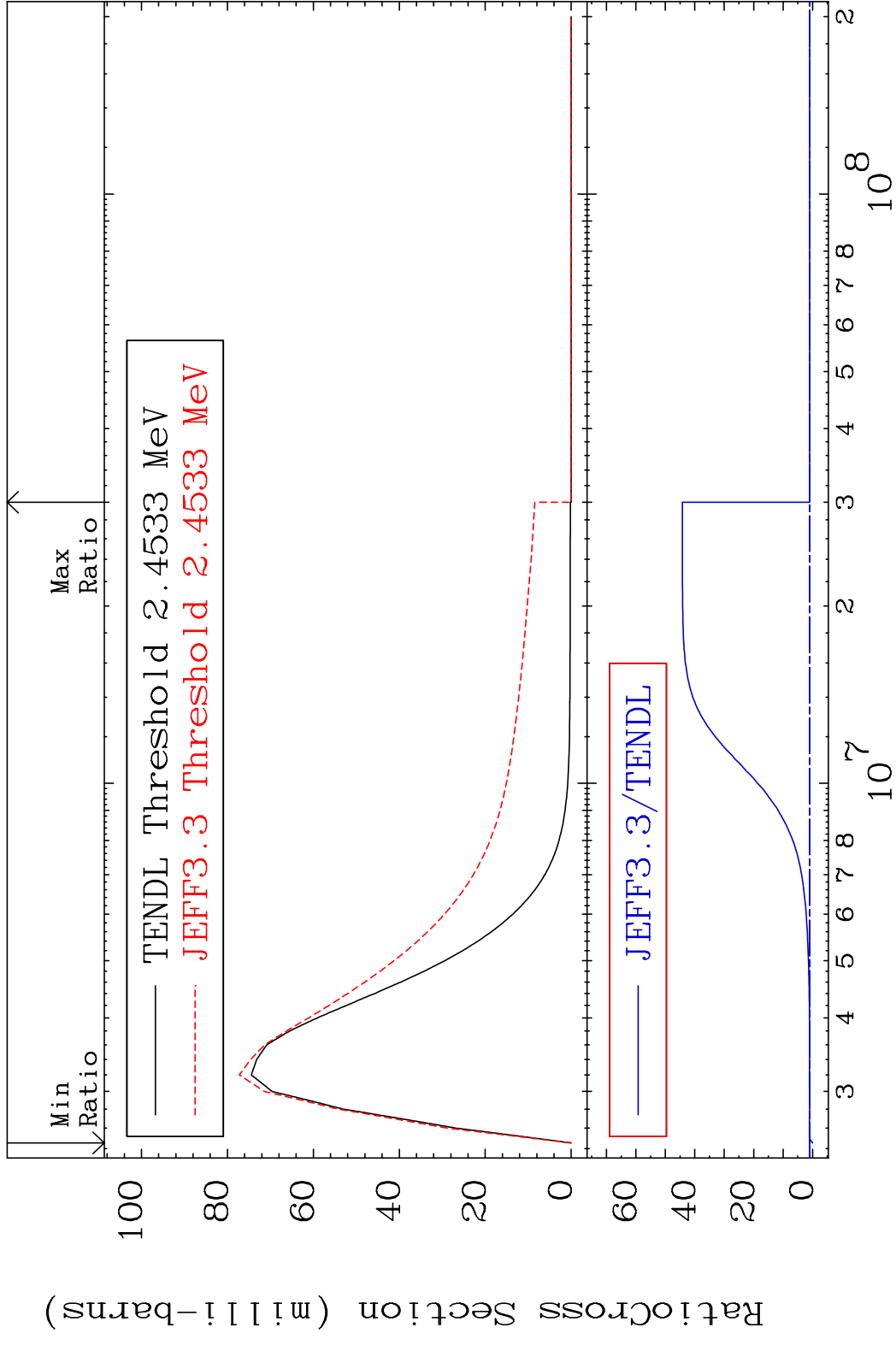




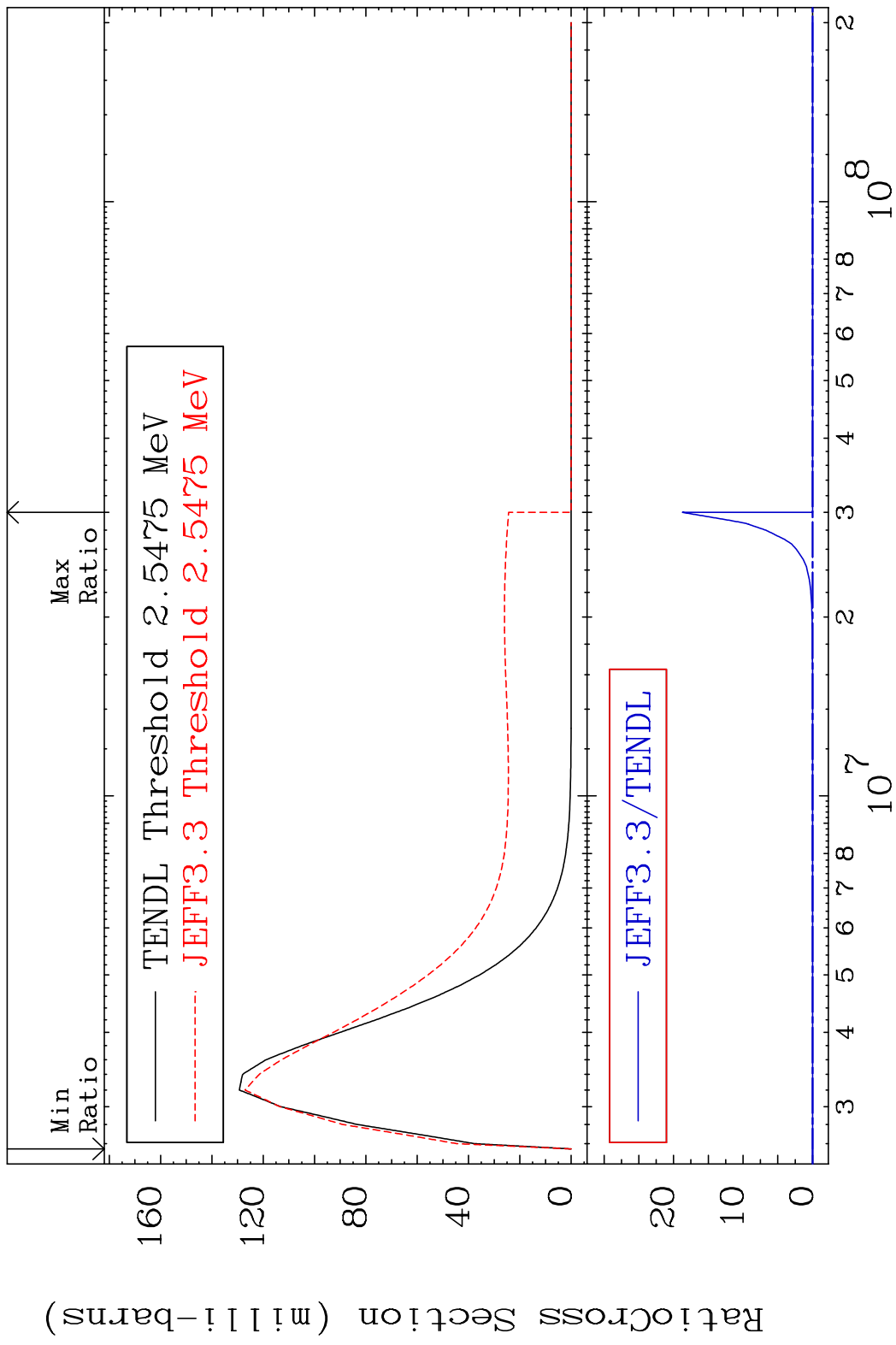
MAT 3037 MT= 55 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 119.9 %



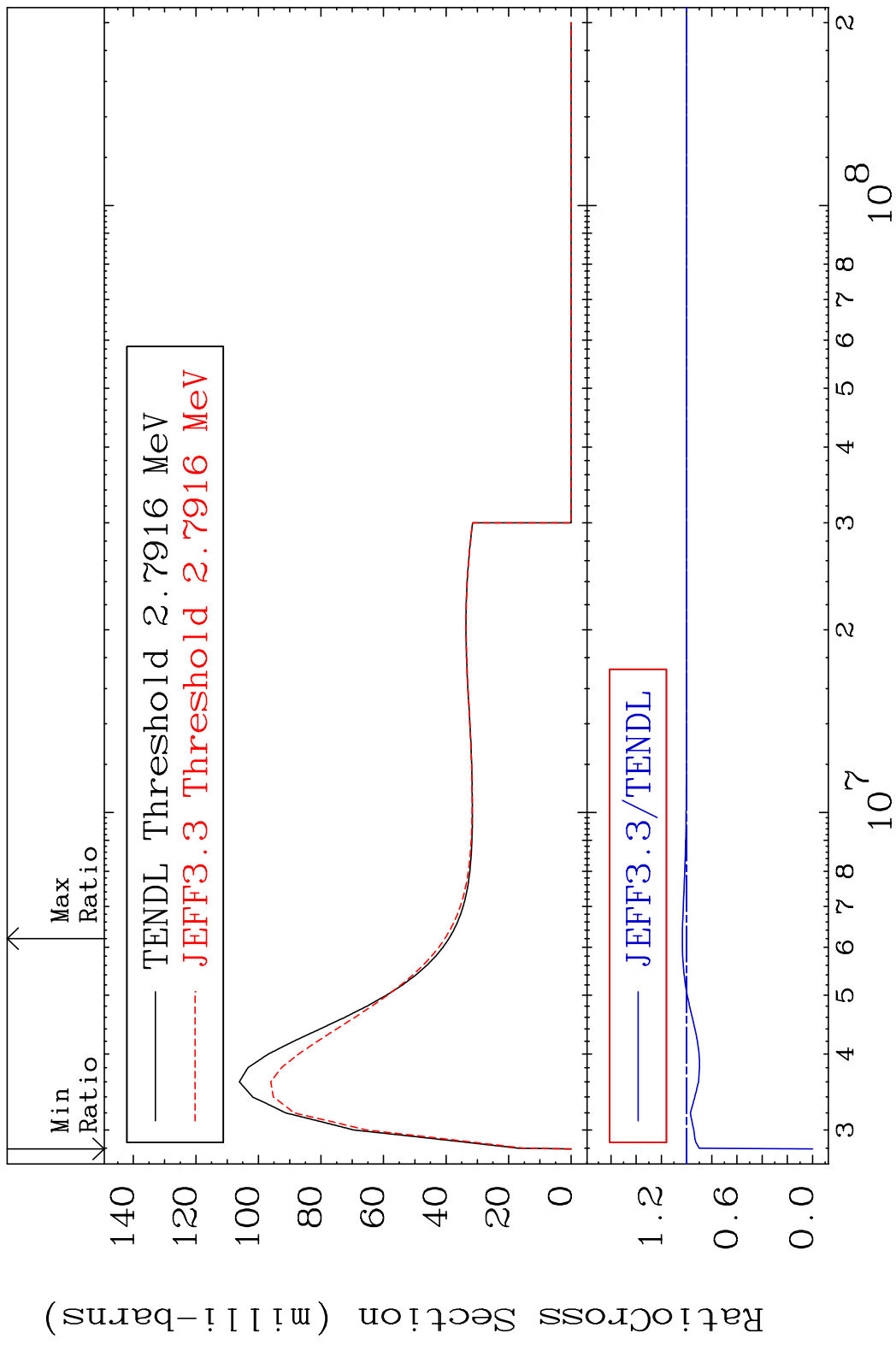
MAT 3037 MT= 56 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 4322. %



MAT 3037 MT= 57 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 9999. %



MAT 3037 MT= 58 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 3.344 %

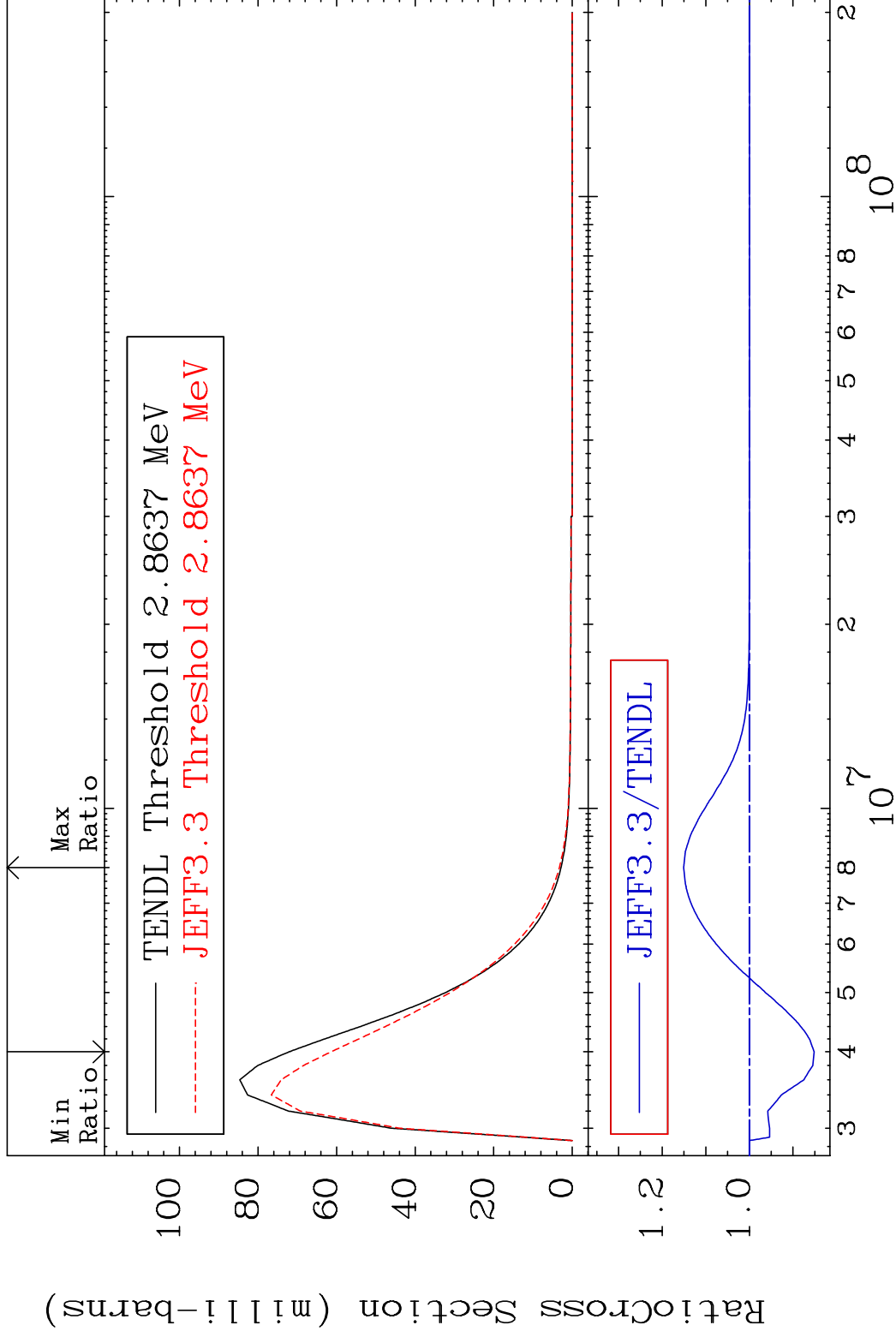


MAT 3037

MT= 59 (n,n') Level

30-Zn-68

Cross Section -14.84 To 15.08 %

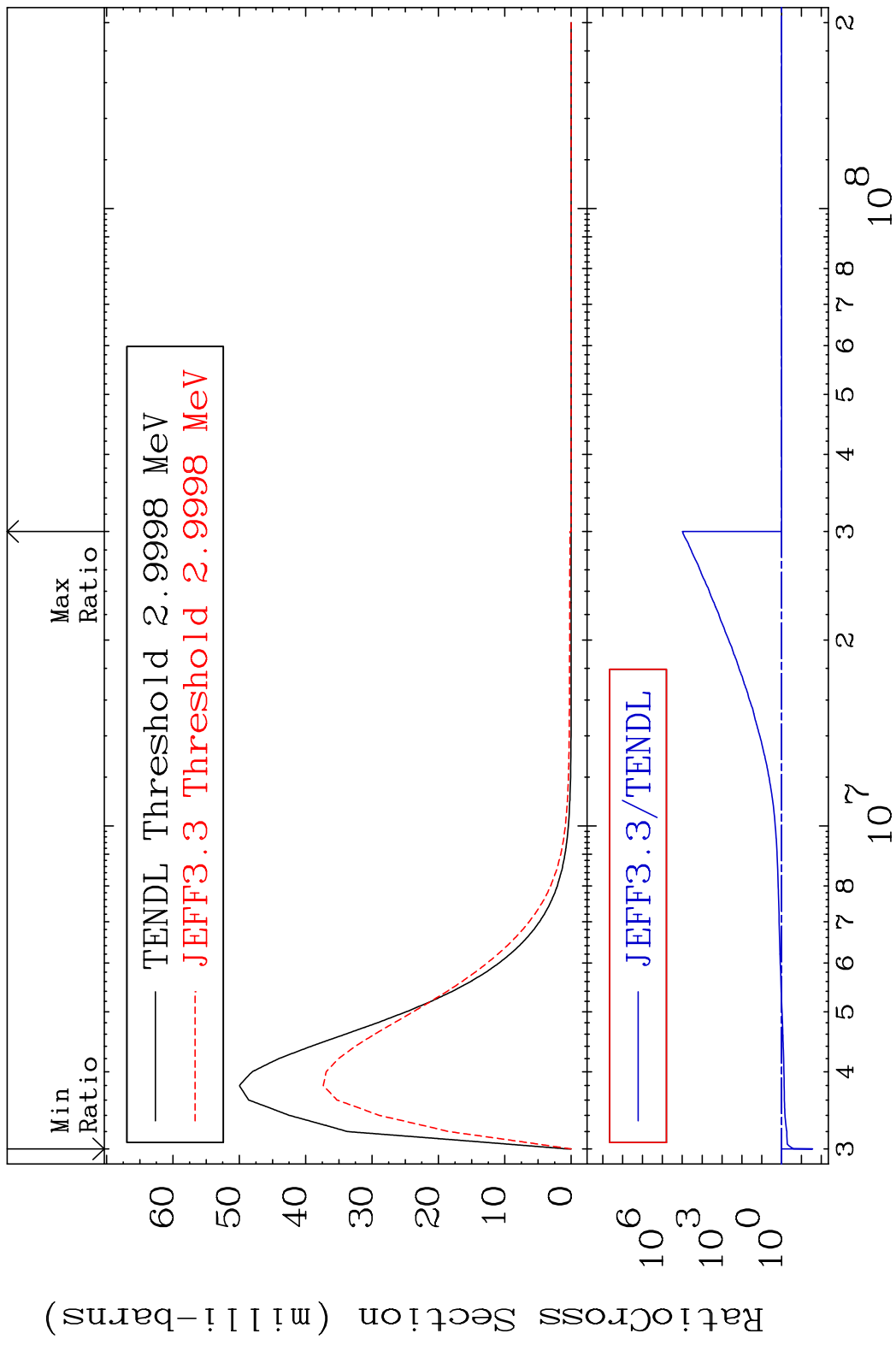


28

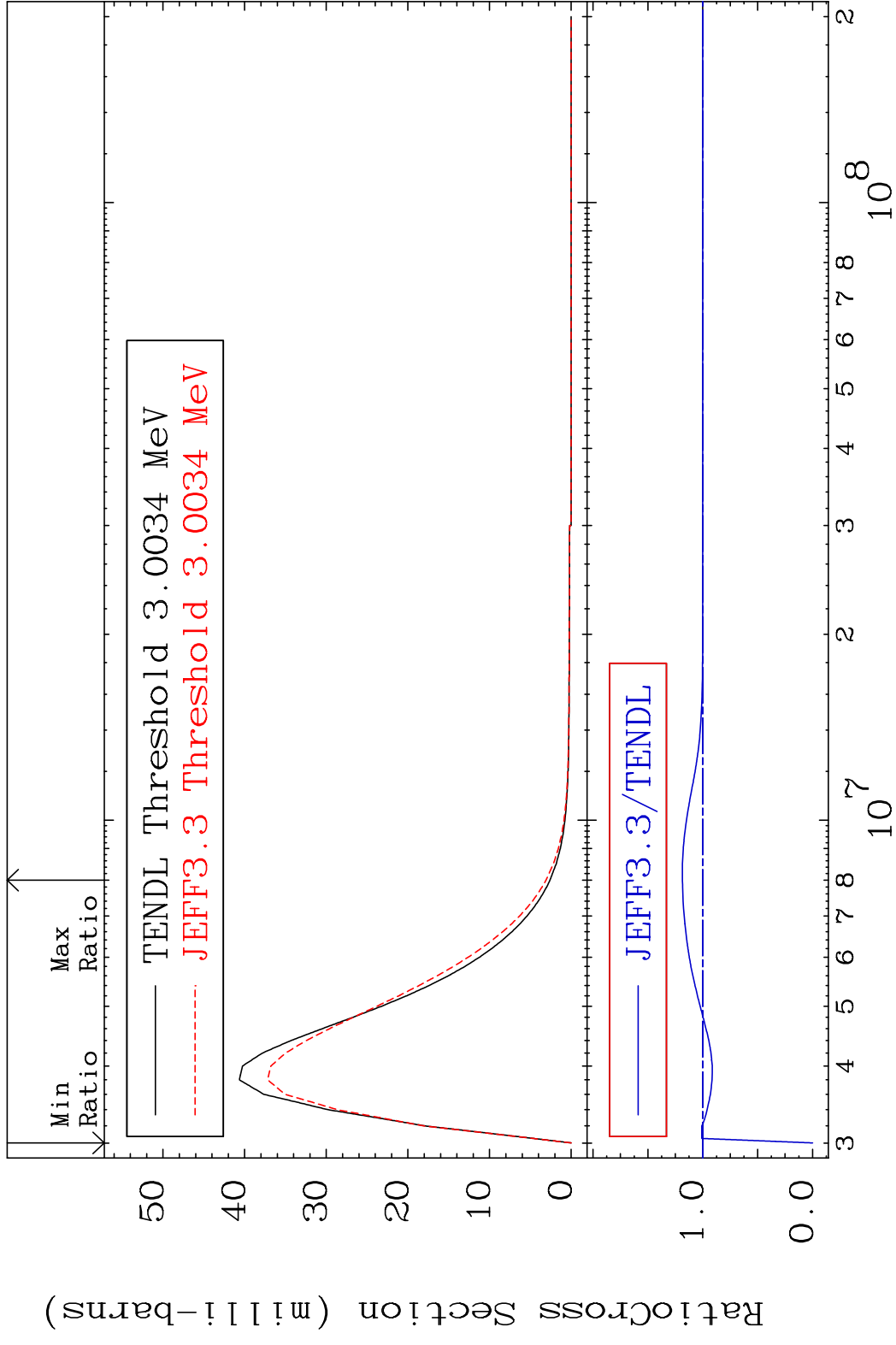
Incident Energy (eV)

30-Zn-68

MAT 3037 MT= 60 (n, n') Level 30-Zn-68  
 Cross Section -97.22 To 9999. %

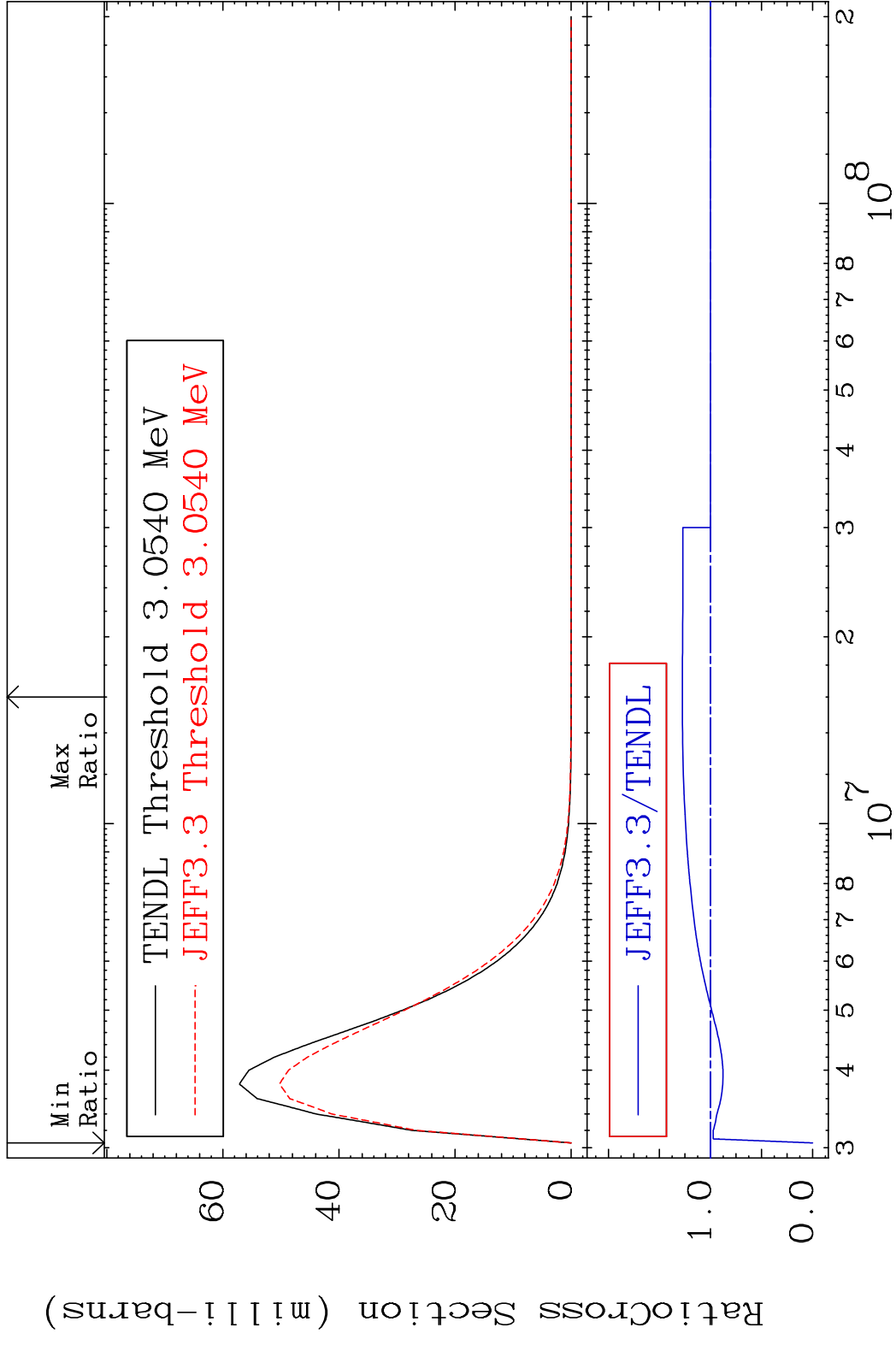


MAT 3037 MT= 61 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 18.61 %



30 Incident Energy (eV) 30-Zn-68

MAT 3037 MT= 62 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 27.55 %



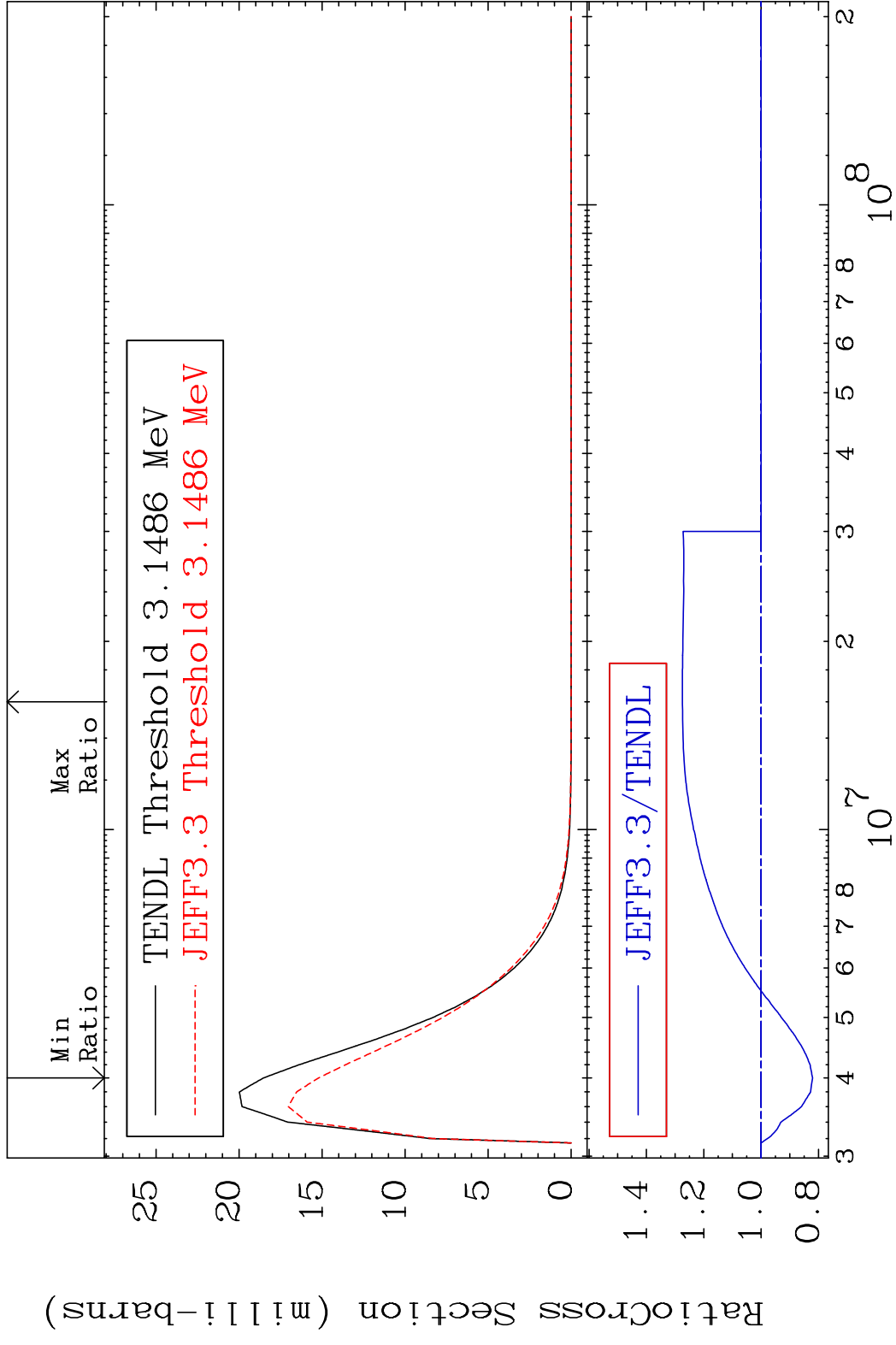


MAT 3037

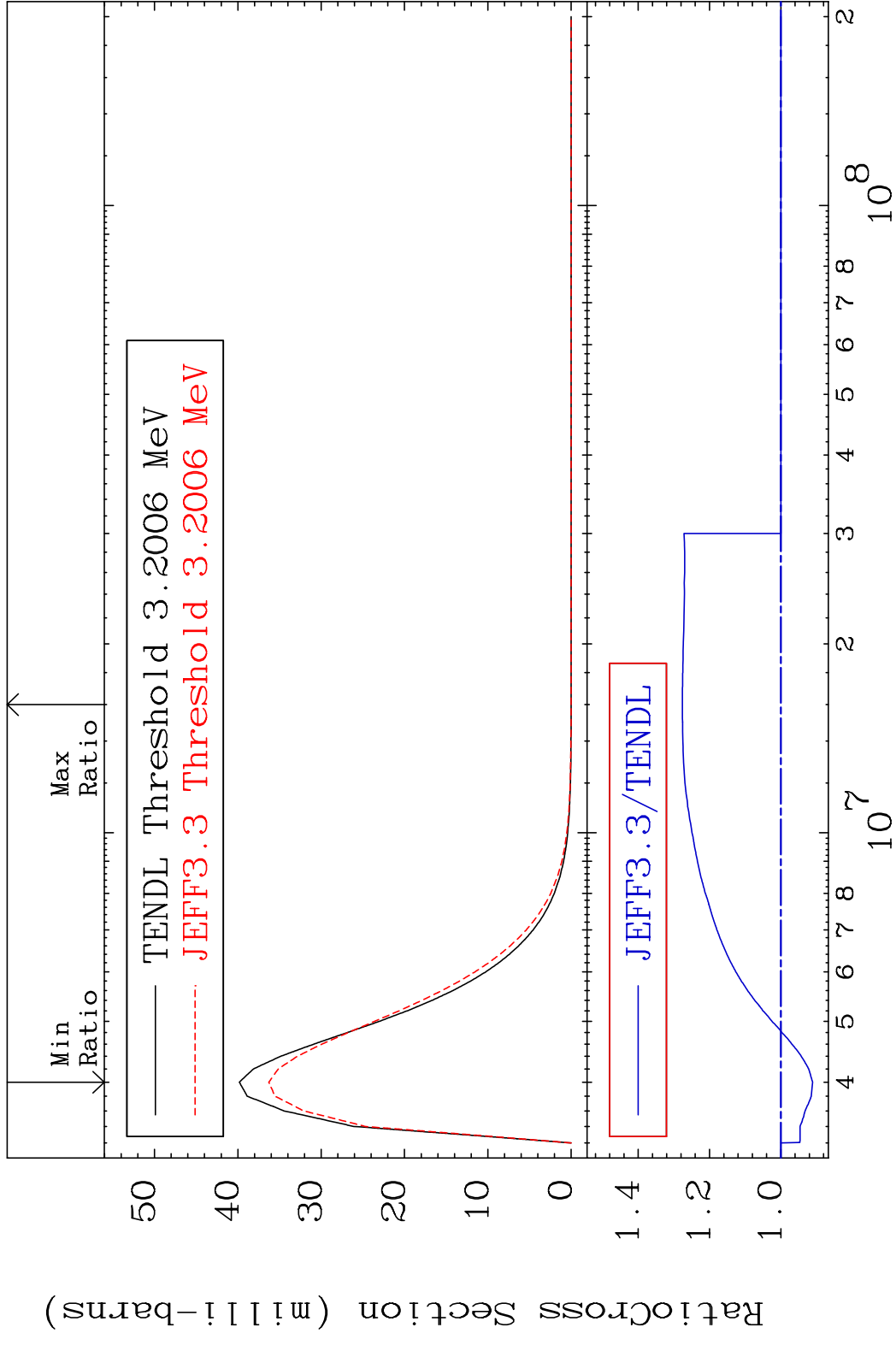
MT= 63 (n, n') Level

30-Zn-68

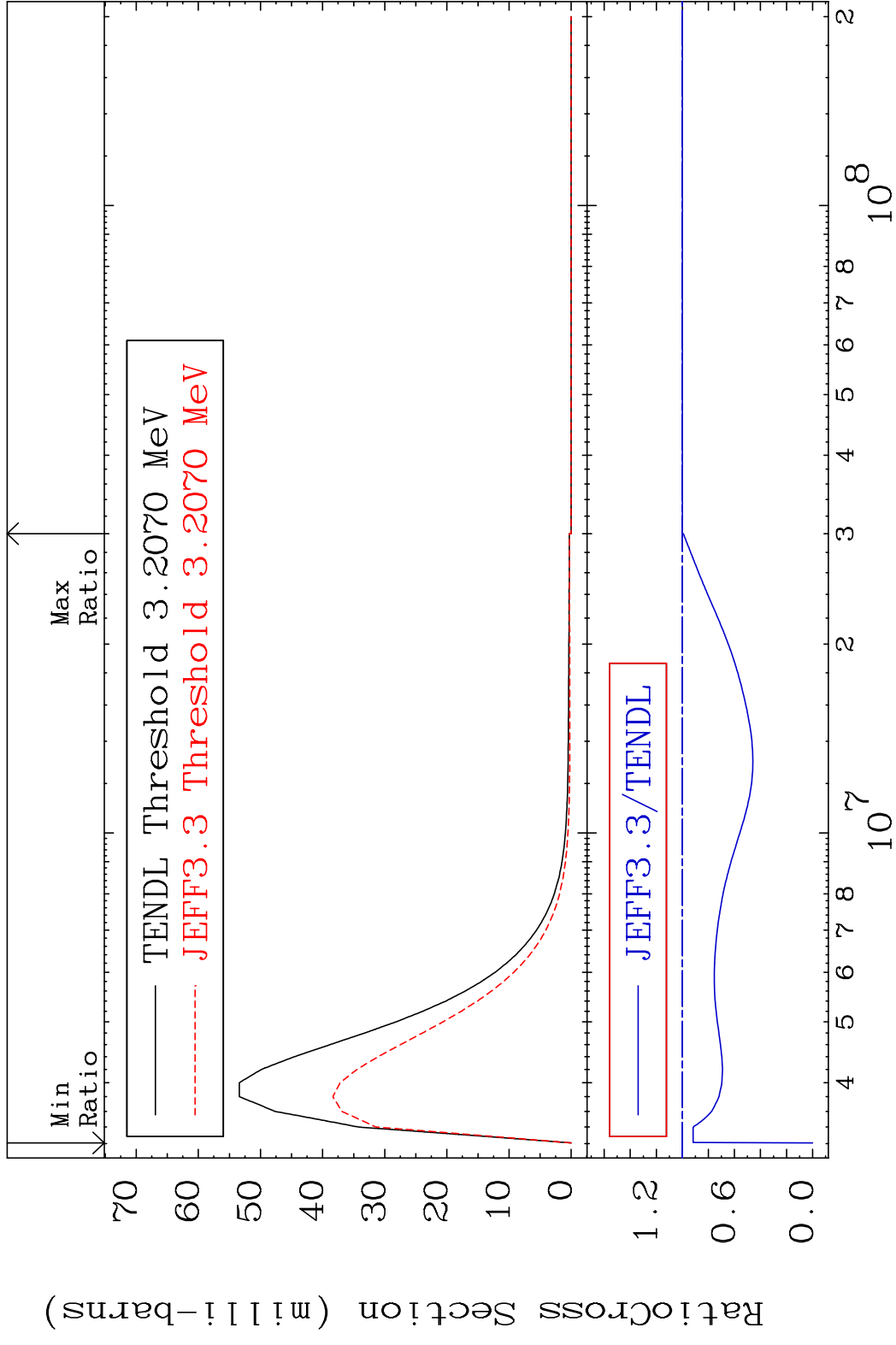
Cross Section -17.93 To 27.46 %



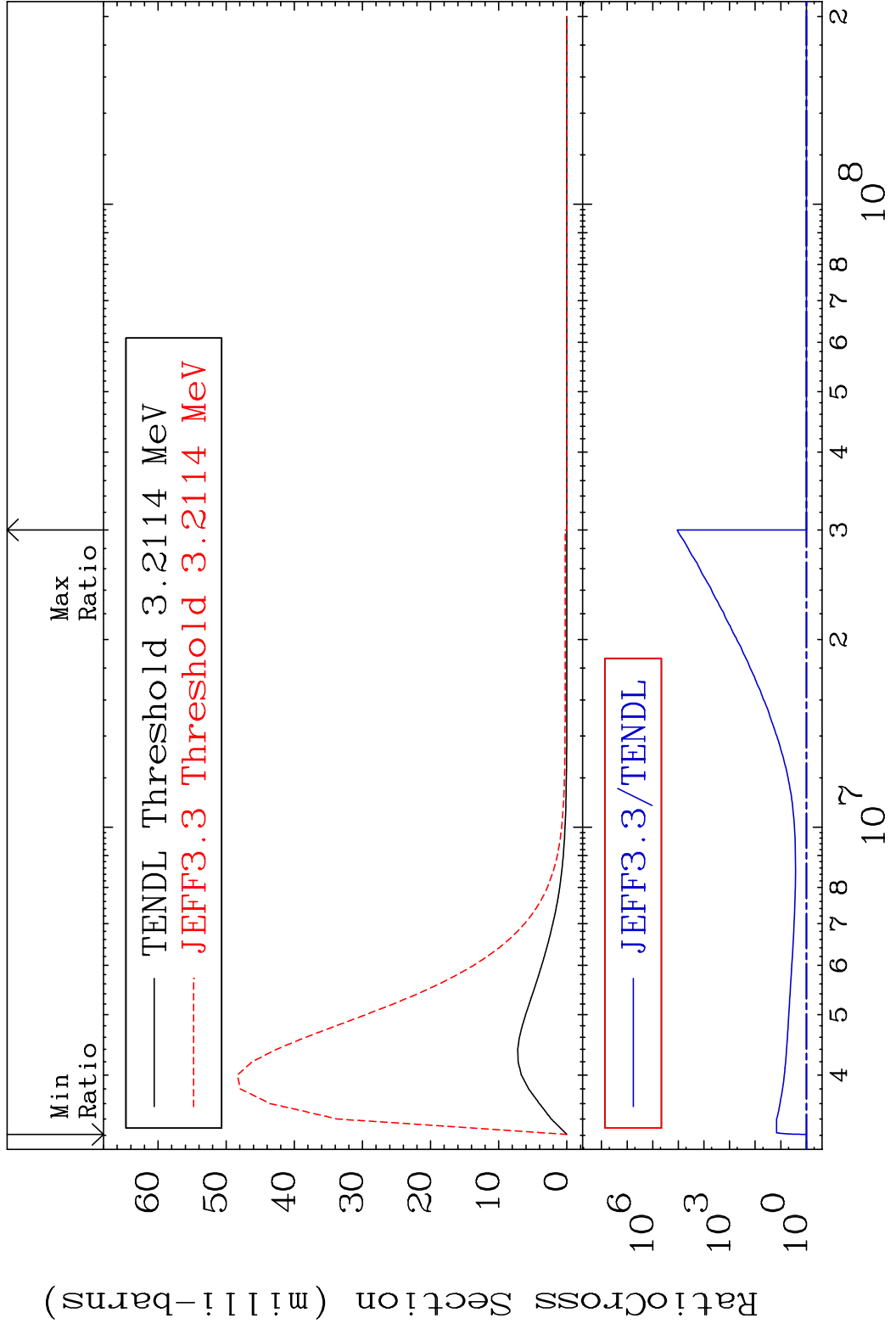
MAT 3037 MT= 64 (n,n') Level 30-Zn-68  
 Cross Section -8.893 To 27.62 %



MAT 3037 MT= 65 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 0.000 %



MAT 3037 MT= 66 (n, n') Level 30-Zn-68  
 Cross Section 0.000 To 9999. %



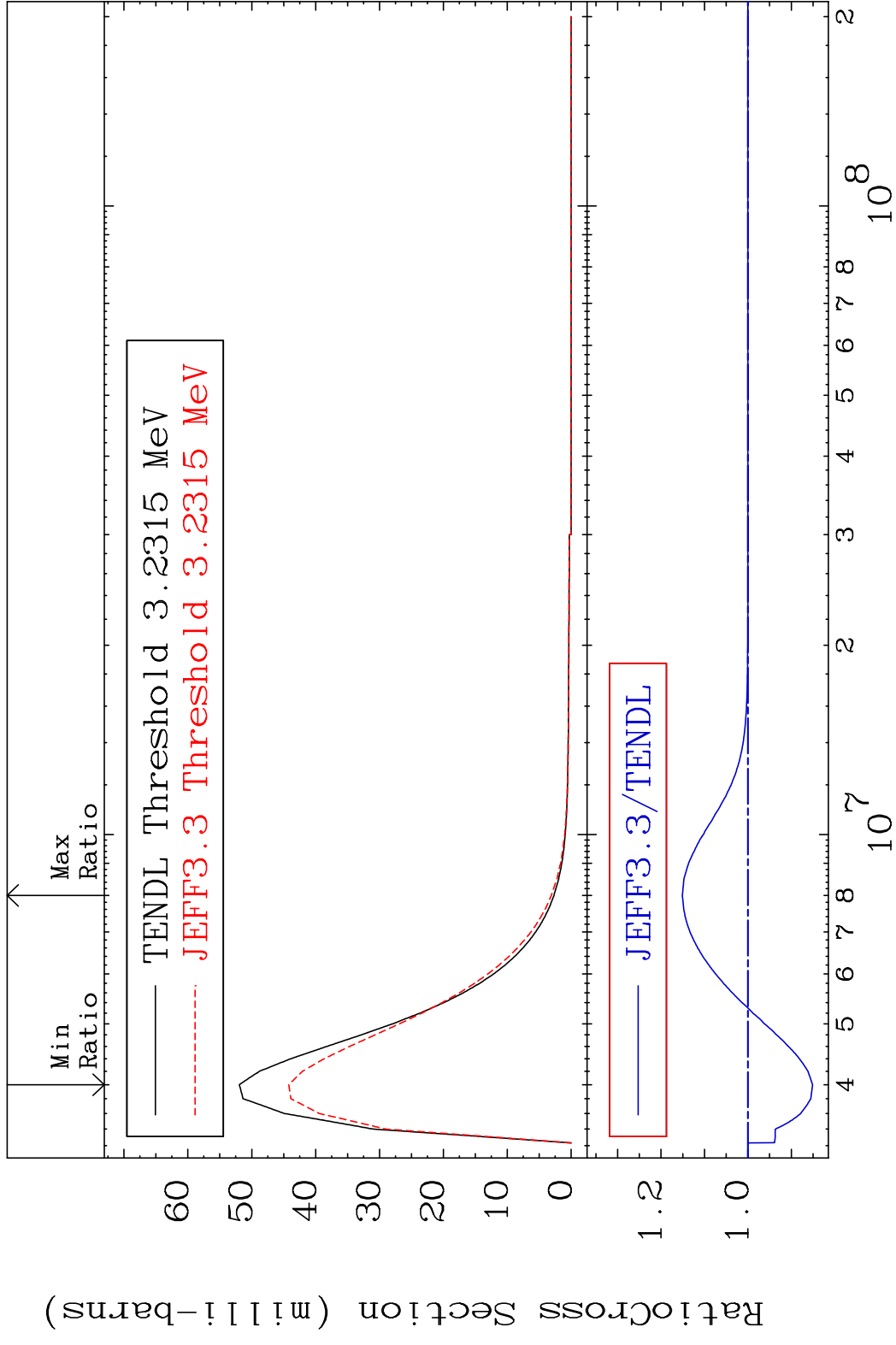
35 Incident Energy (eV) 30-Zn-68

MAT 3037

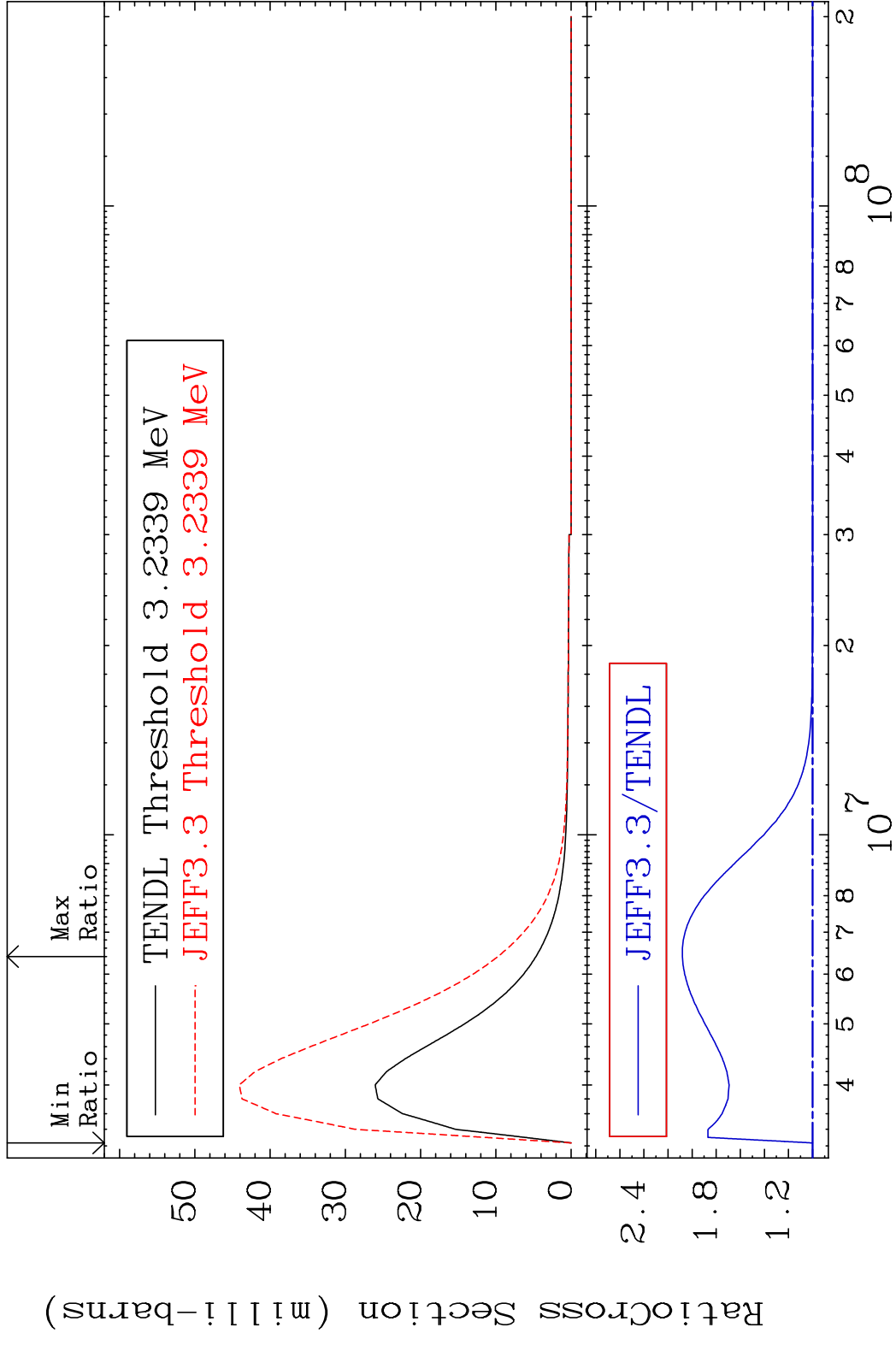
MT= 67 (n, n') Level

30-Zn-68

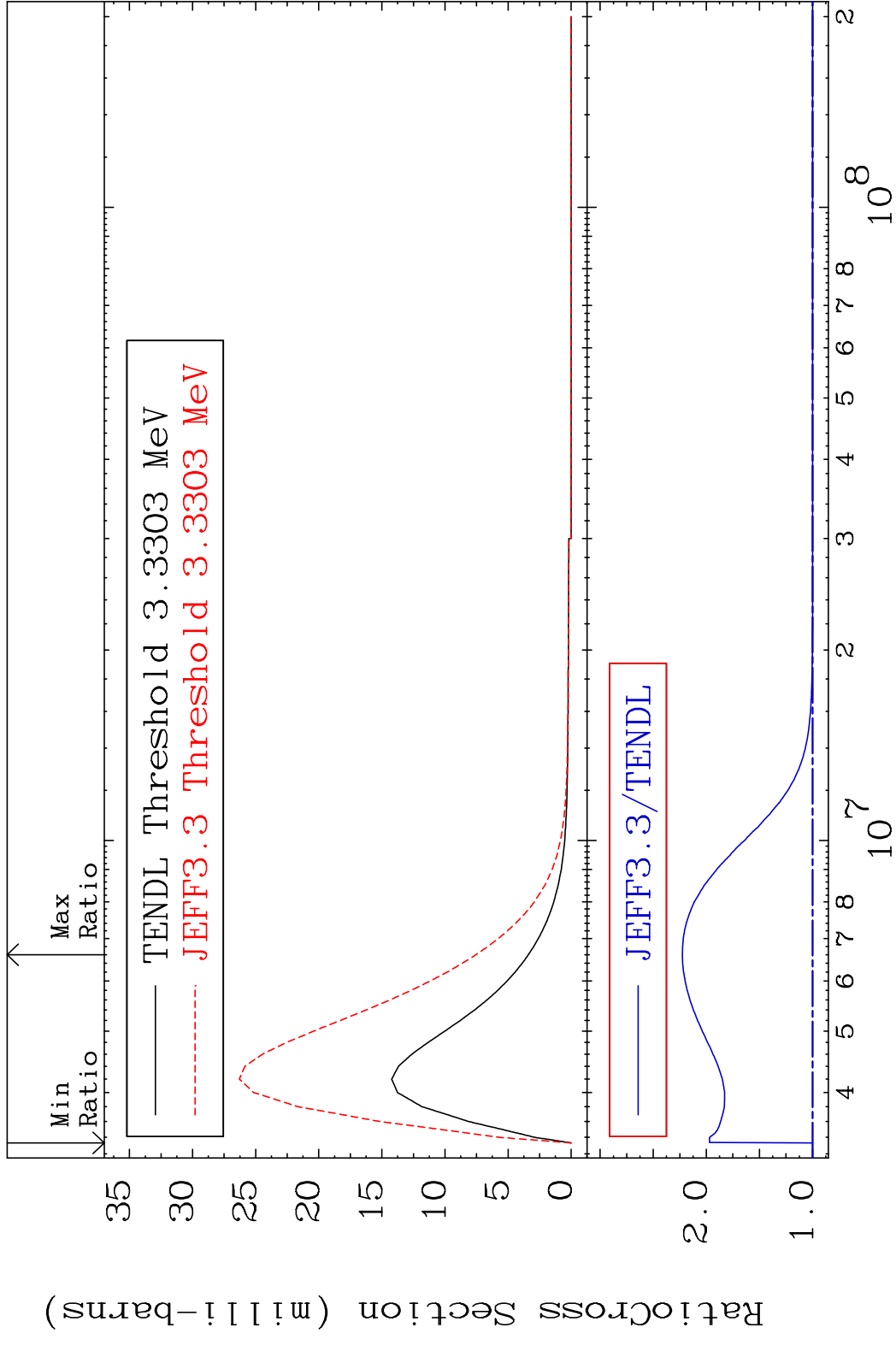
Cross Section -14.90 To 15.09 %



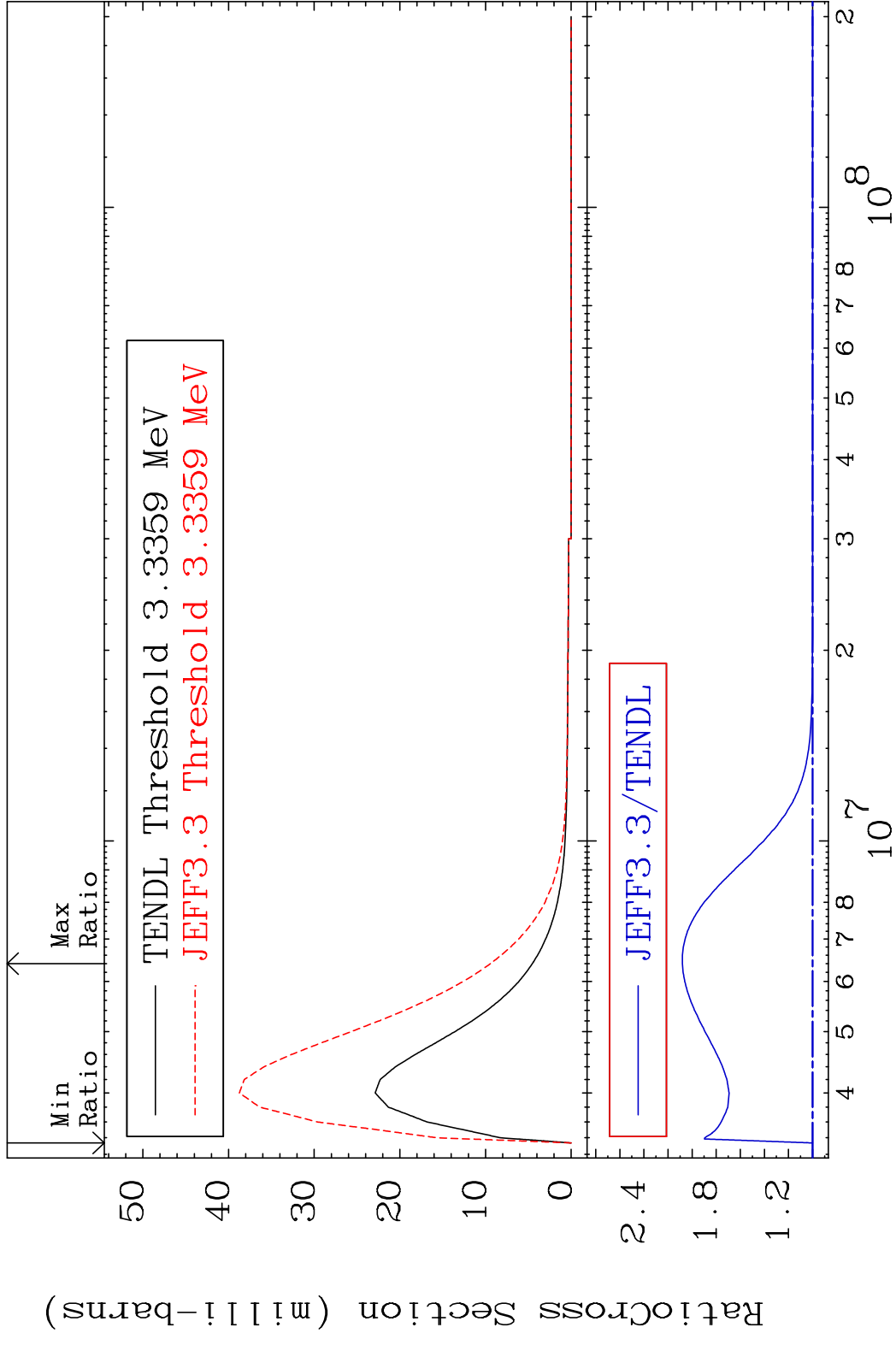
MAT 3037 MT= 68 (n,n') Level 30-Zn-68  
 Cross Section 0.000 To 108.1 %



MAT 3037 MT= 69 (n, n') Level 30-Zn-68  
 Cross Section 0.000 To 122.6 %

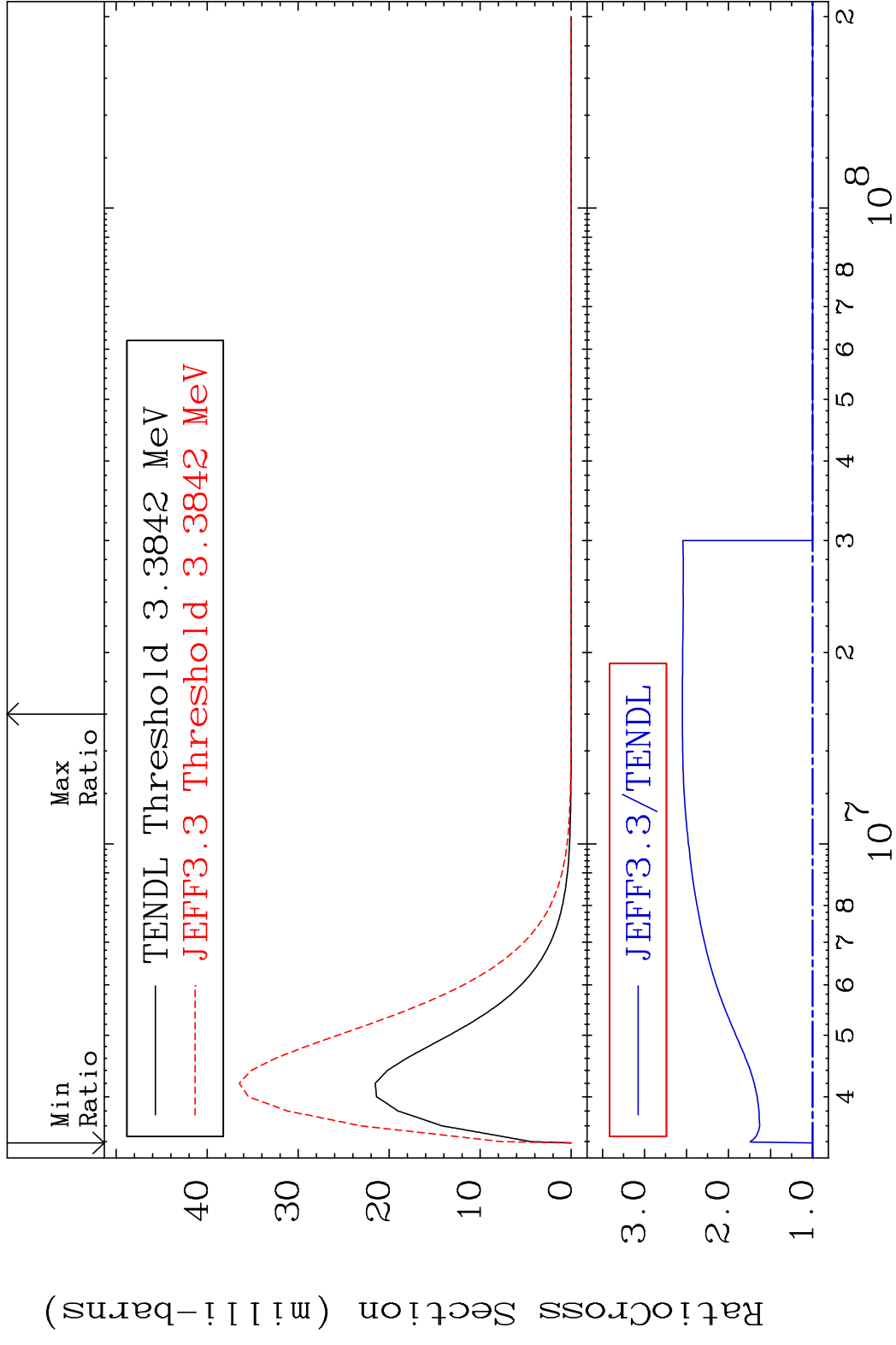


MAT 3037 MT= 70 (n,n') Level 30-Zn-68  
 Cross Section 0.000 To 108.1 %



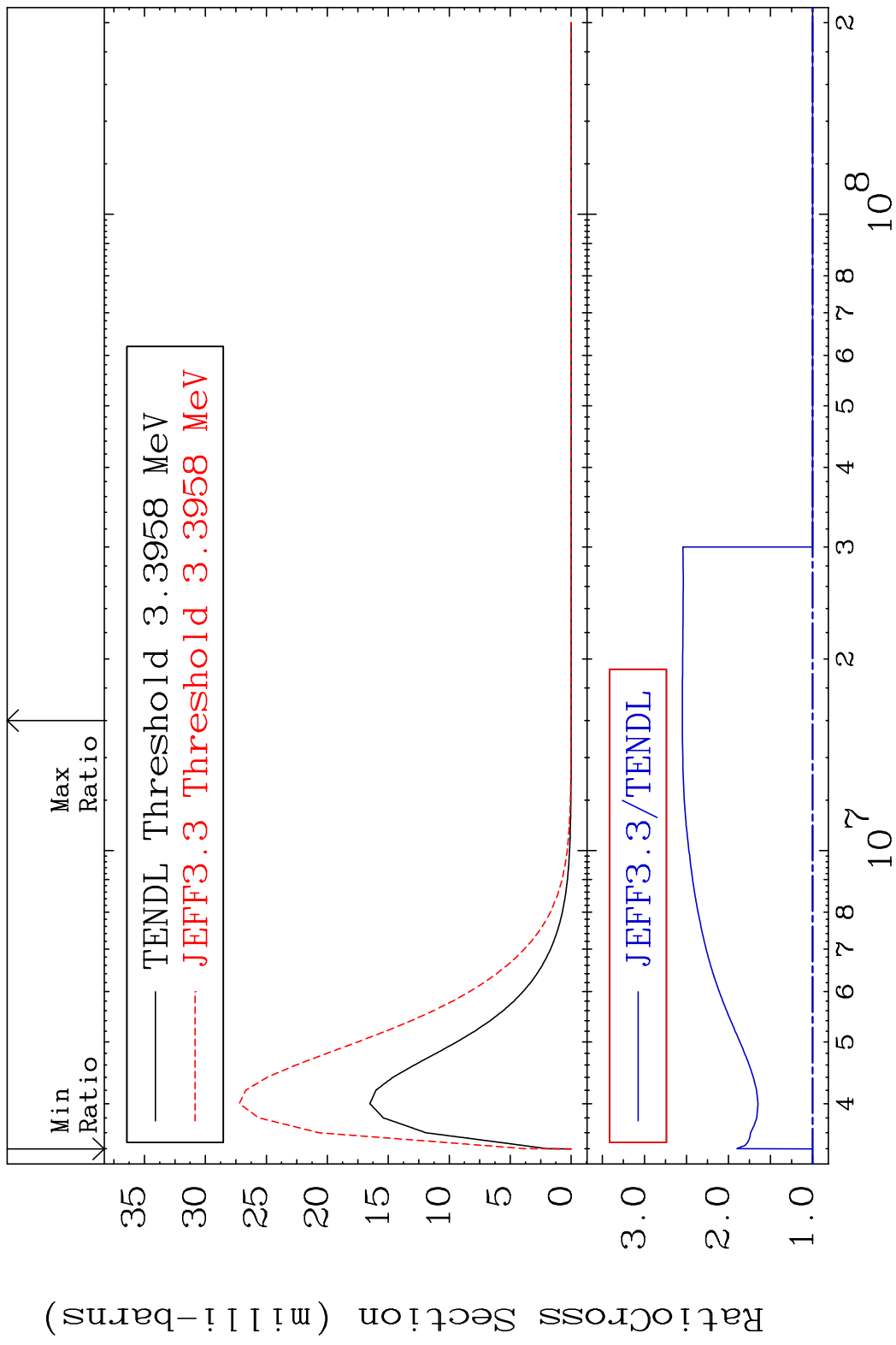


MAT 3037 MT= 71 (n, n') Level 30-Zn-68  
 Cross Section 0.000 To 155.0 %

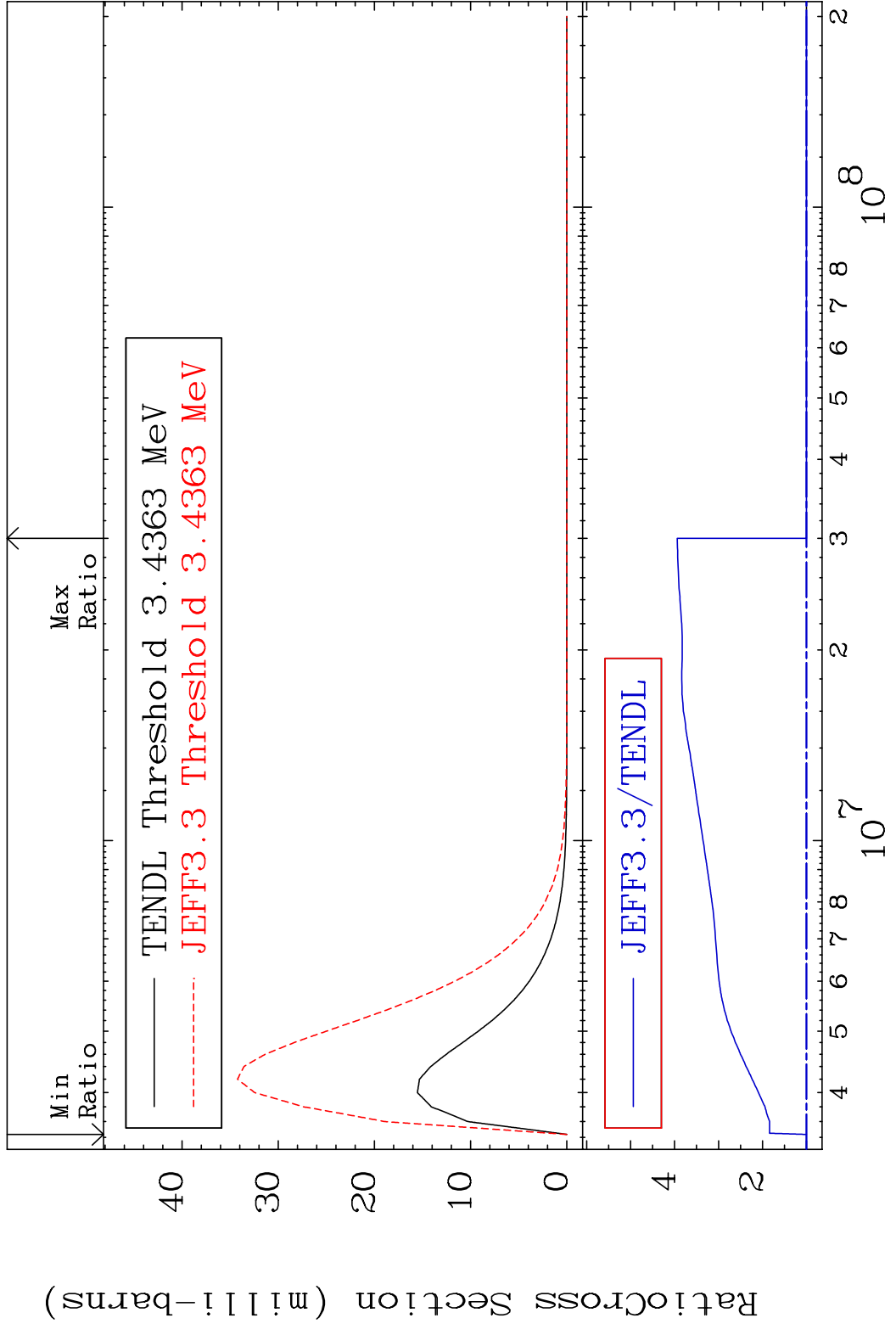


40 Incident Energy (eV) 30-Zn-68

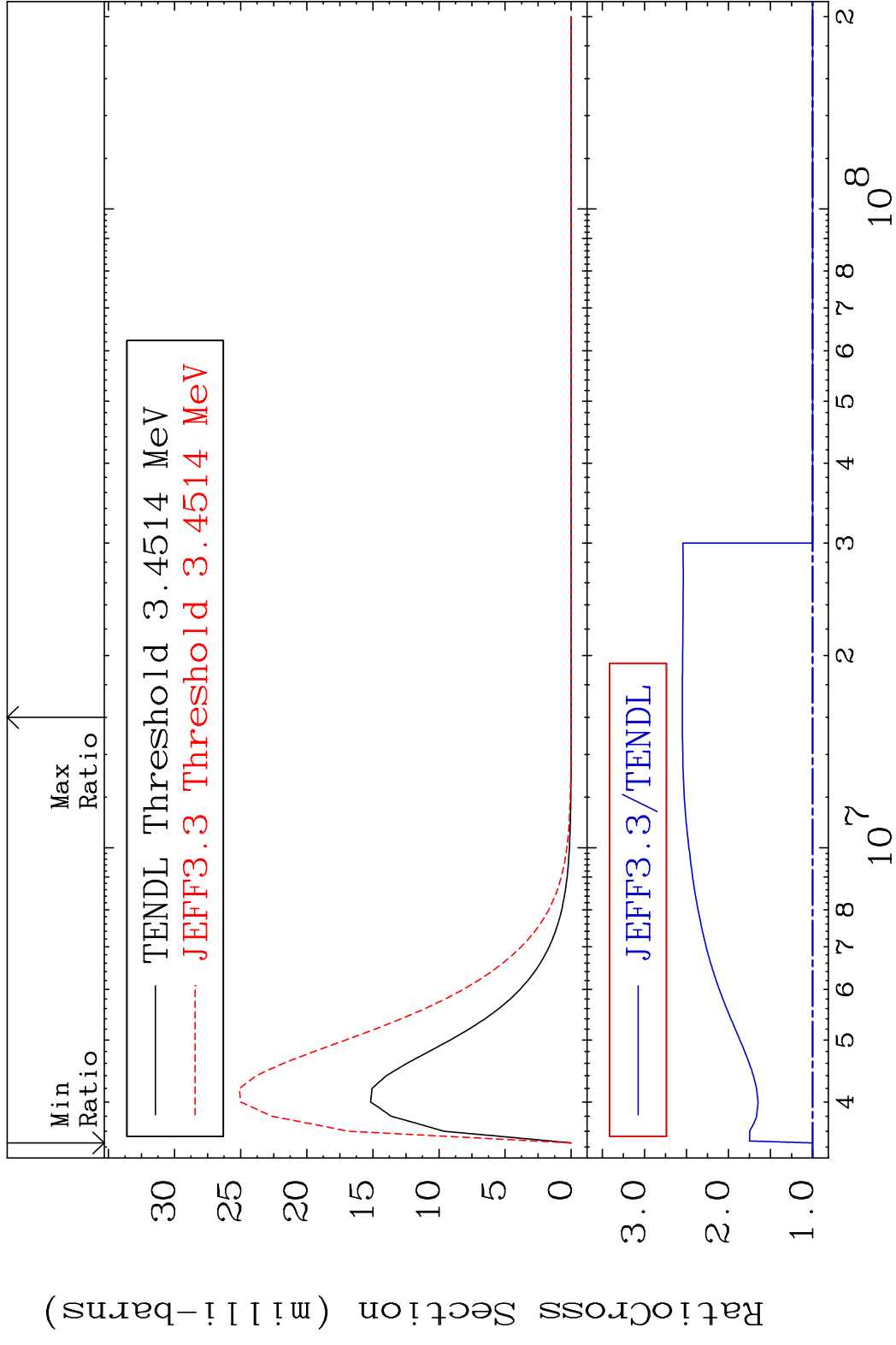
MAT 3037 MT= 72 (n, n') Level 30-Zn-68  
 Cross Section 0.000 To 154.9 %



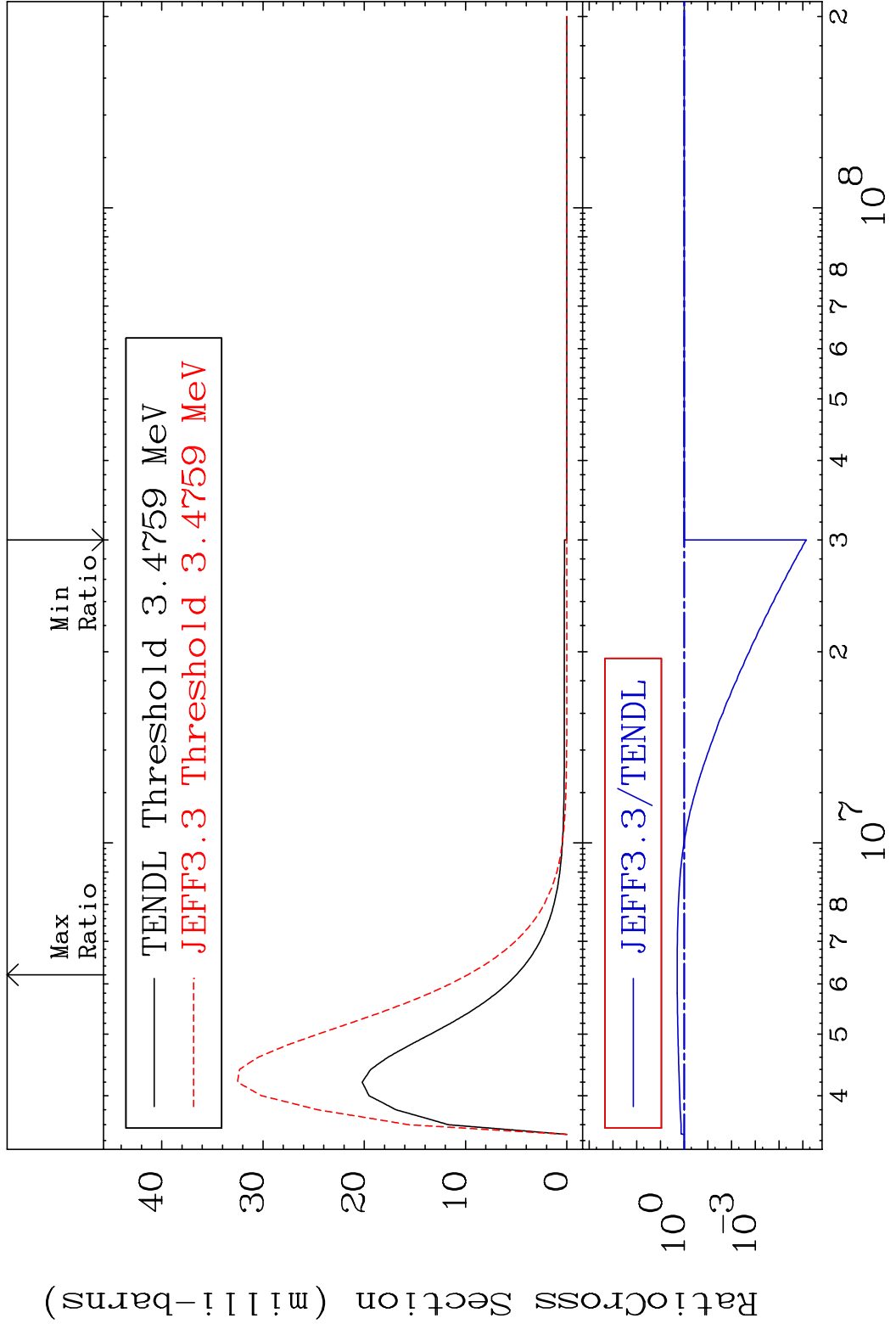
MAT 3037 MT= 73 (n, n') Level 30-Zn-68  
 Cross Section 0.000 To 294.1 %



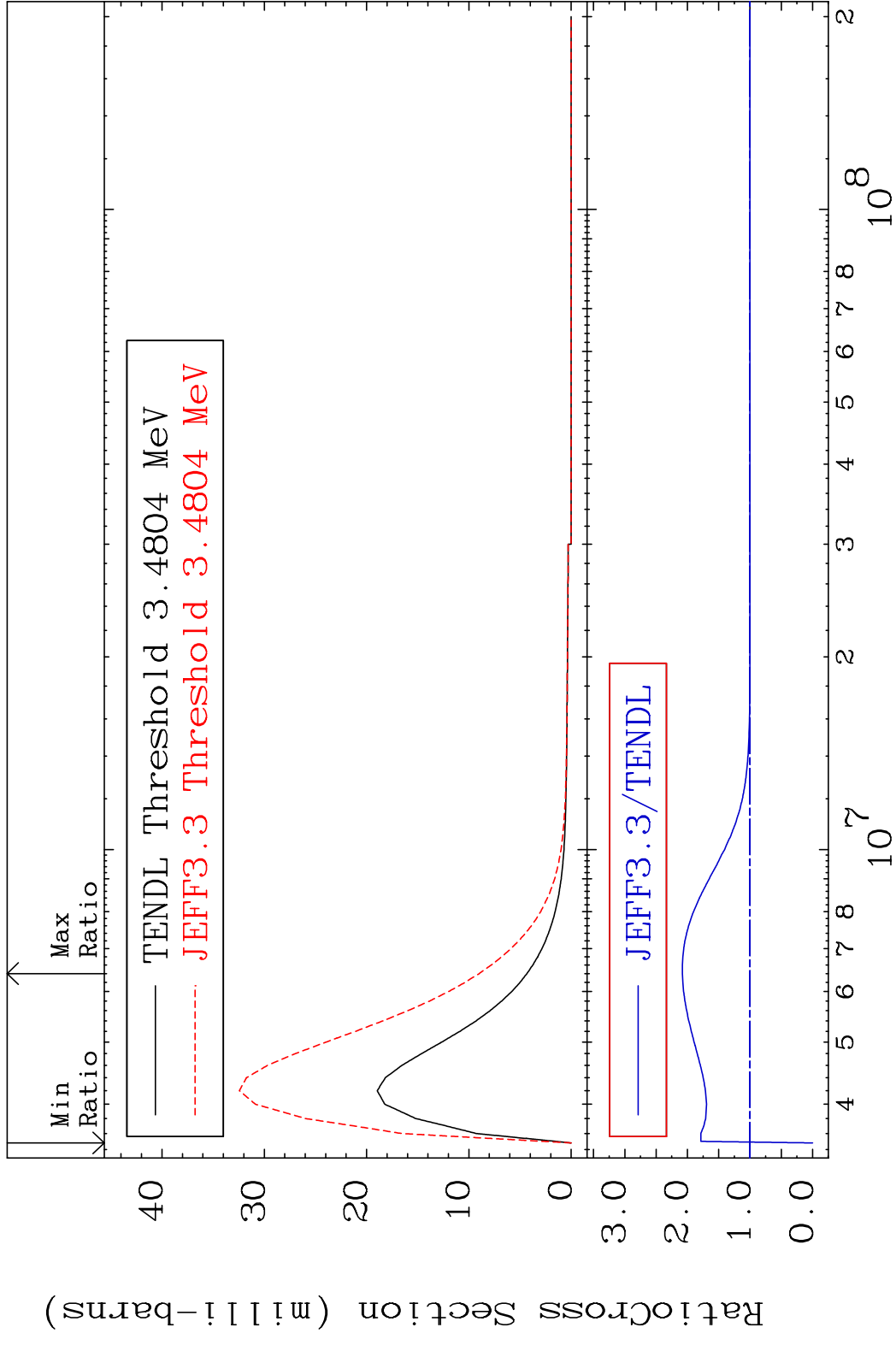
MAT 3037 MT= 74 (n,n') Level 30-Zn-68  
 Cross Section 0.000 To 154.9 %



MAT 3037 MT= 75 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 96.12 %

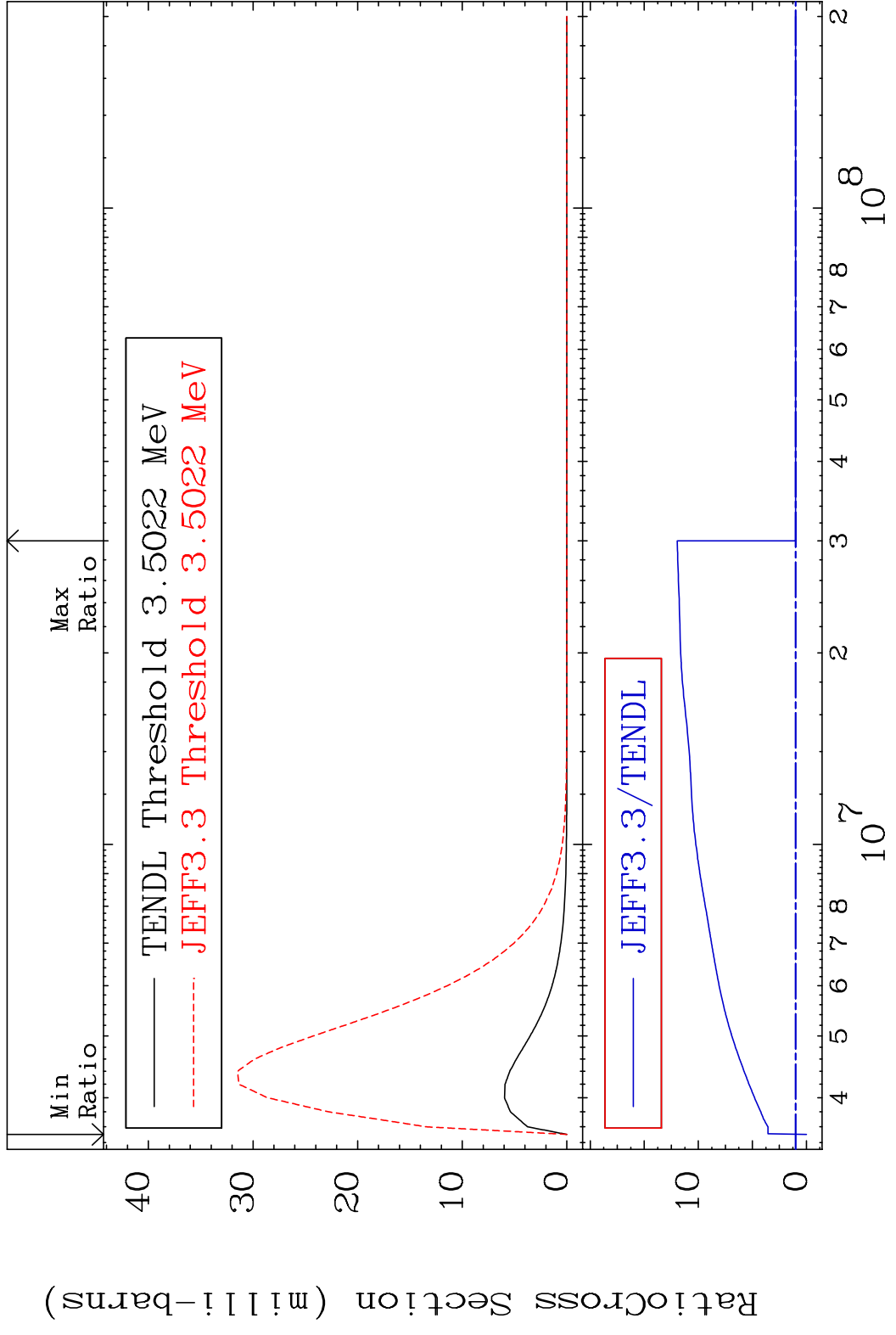


MAT 3037 MT= 76 (n,n') Level 30-Zn-68  
 Cross Section -100.0 To 108.1 %

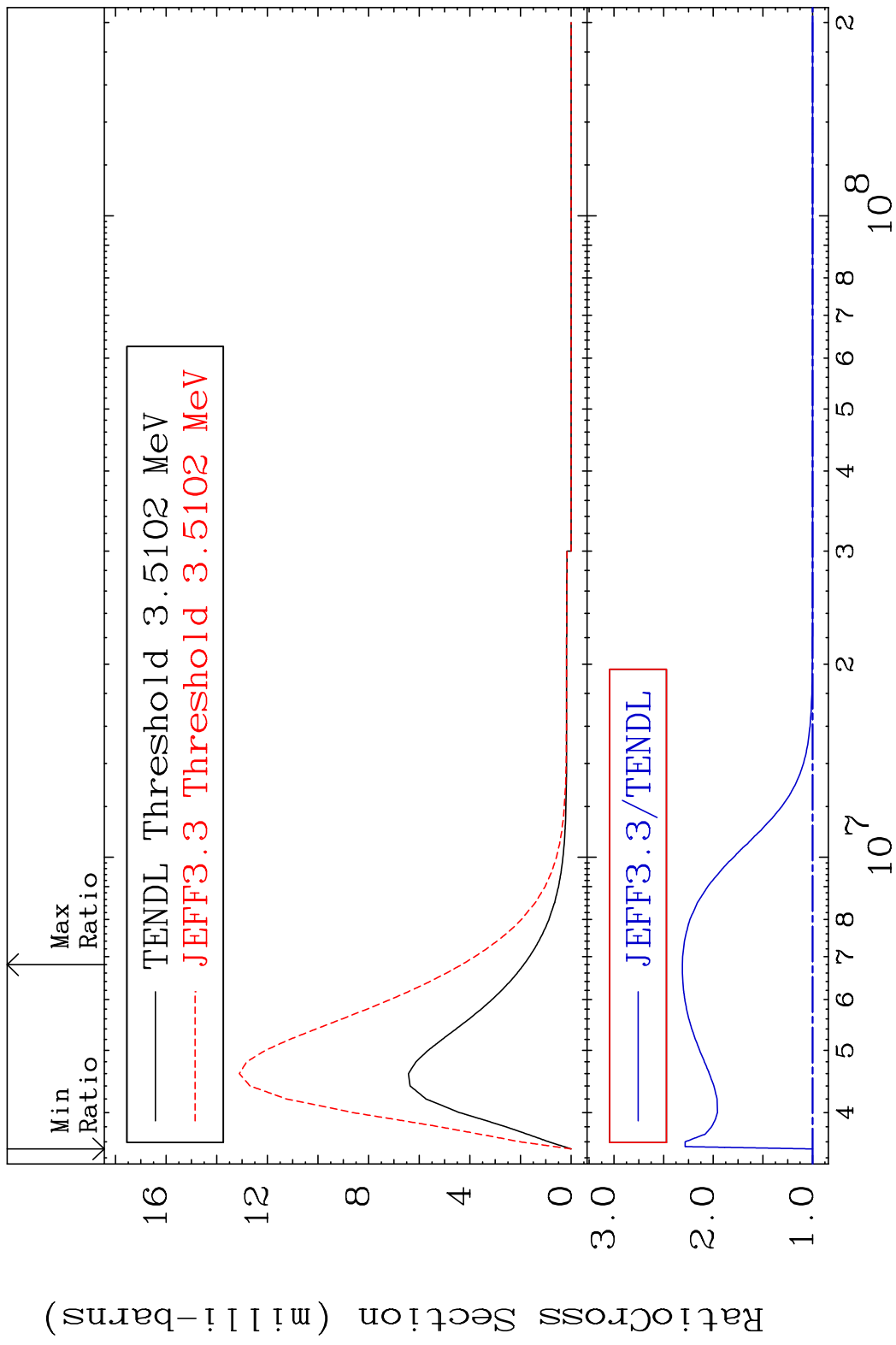


45 30-Zn-68

MAT 3037 MT= 77 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 1096. %



MAT 3037 MT= 78 (n, n') Level 30-Zn-68  
 Cross Section 0.000 To 131.2 %



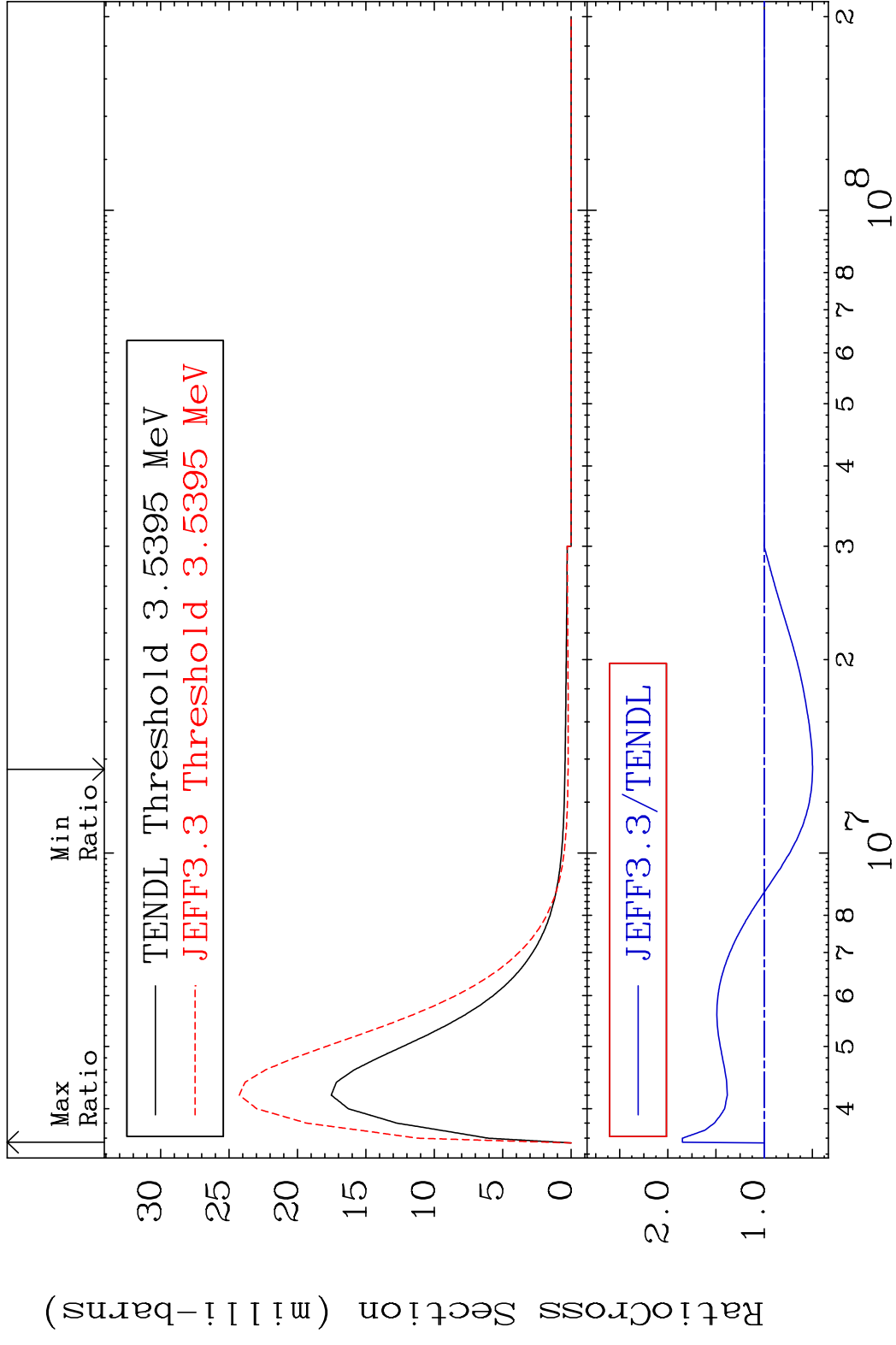


MAT 3037

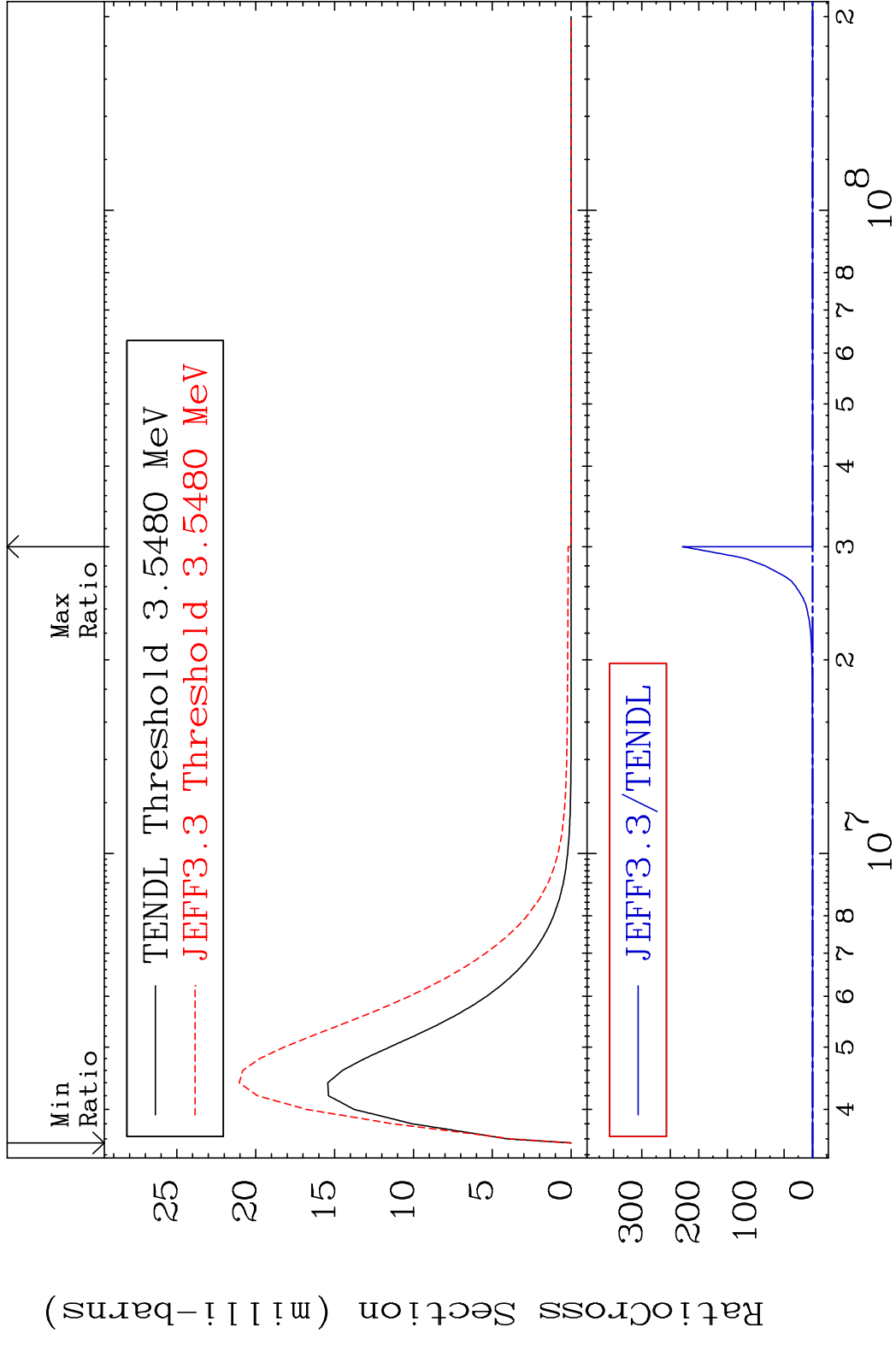
MT= 79 (n, n') Level

30-Zn-68

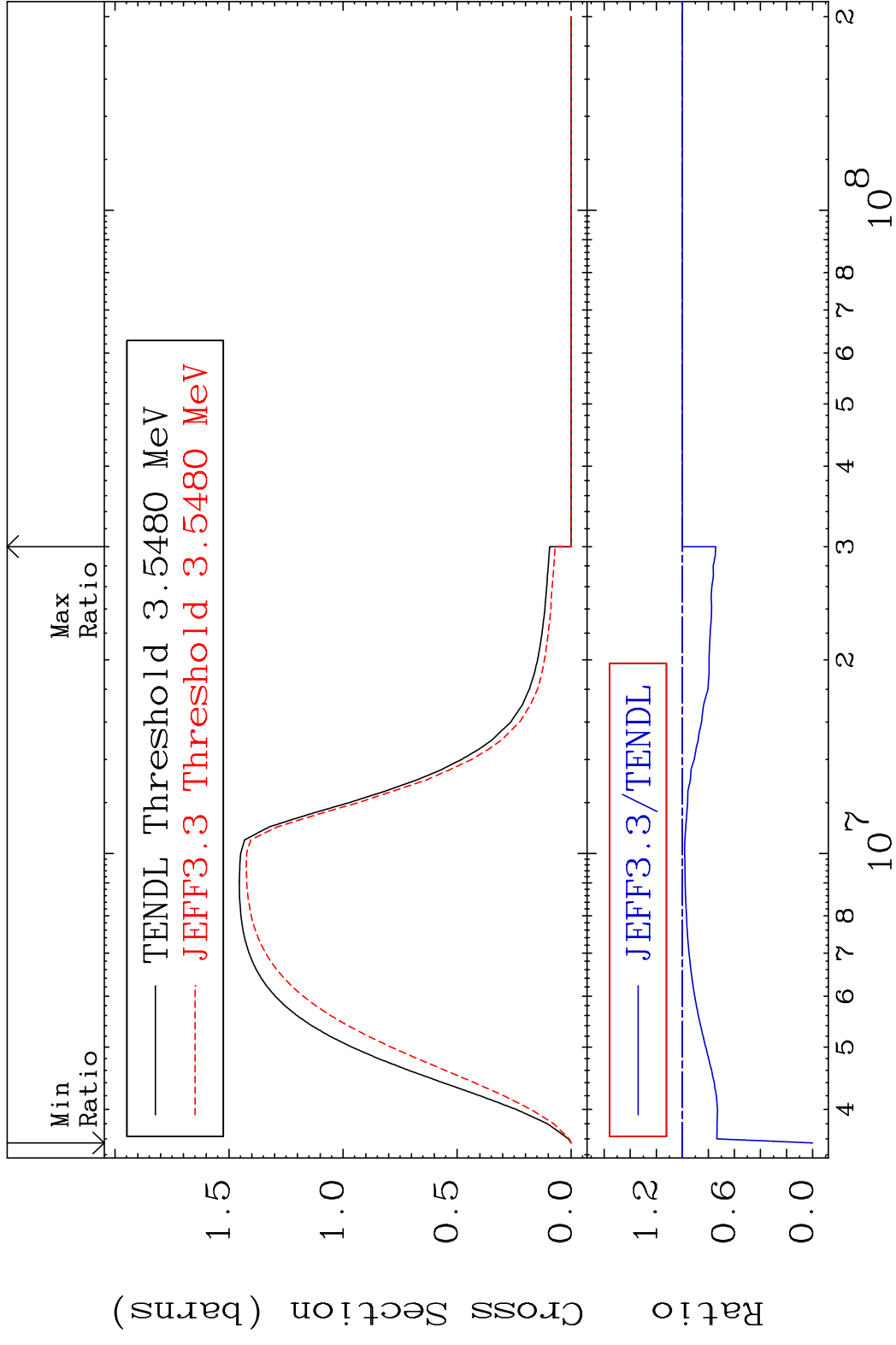
Cross Section -50.27 To 84.97 %



MAT 3037 MT= 80 (n, n') Level 30-Zn-68  
 Cross Section -100.0 To 9999. %



MAT 3037 (n,n') Continuum 30-Zn-68  
 Cross Section -100.0 To 0.000 %



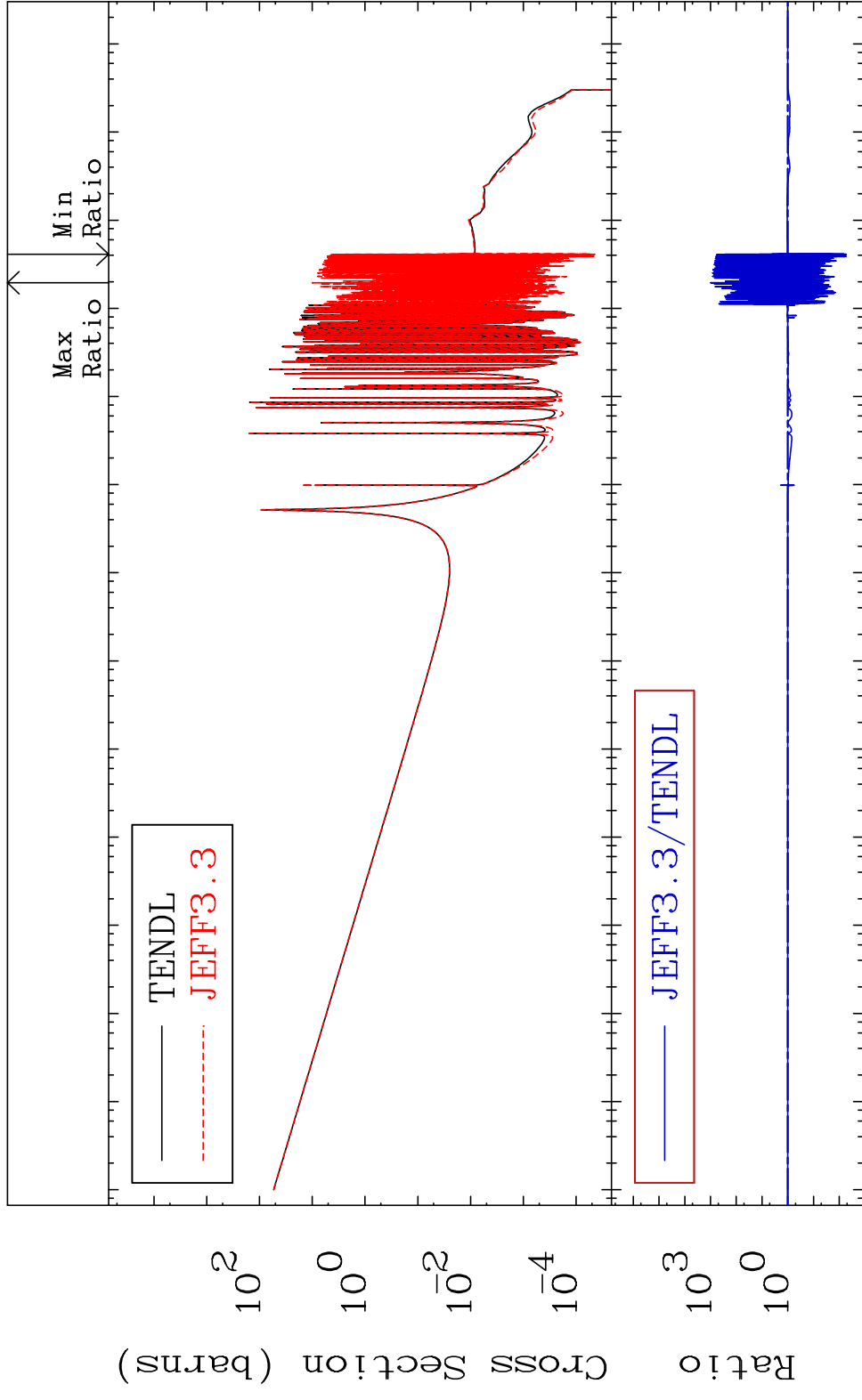
MAT 3037

(n,  $\gamma$ )

30-Zn-68

Cross Section

-99.47 To 9999. %



51

Incident Energy (eV)

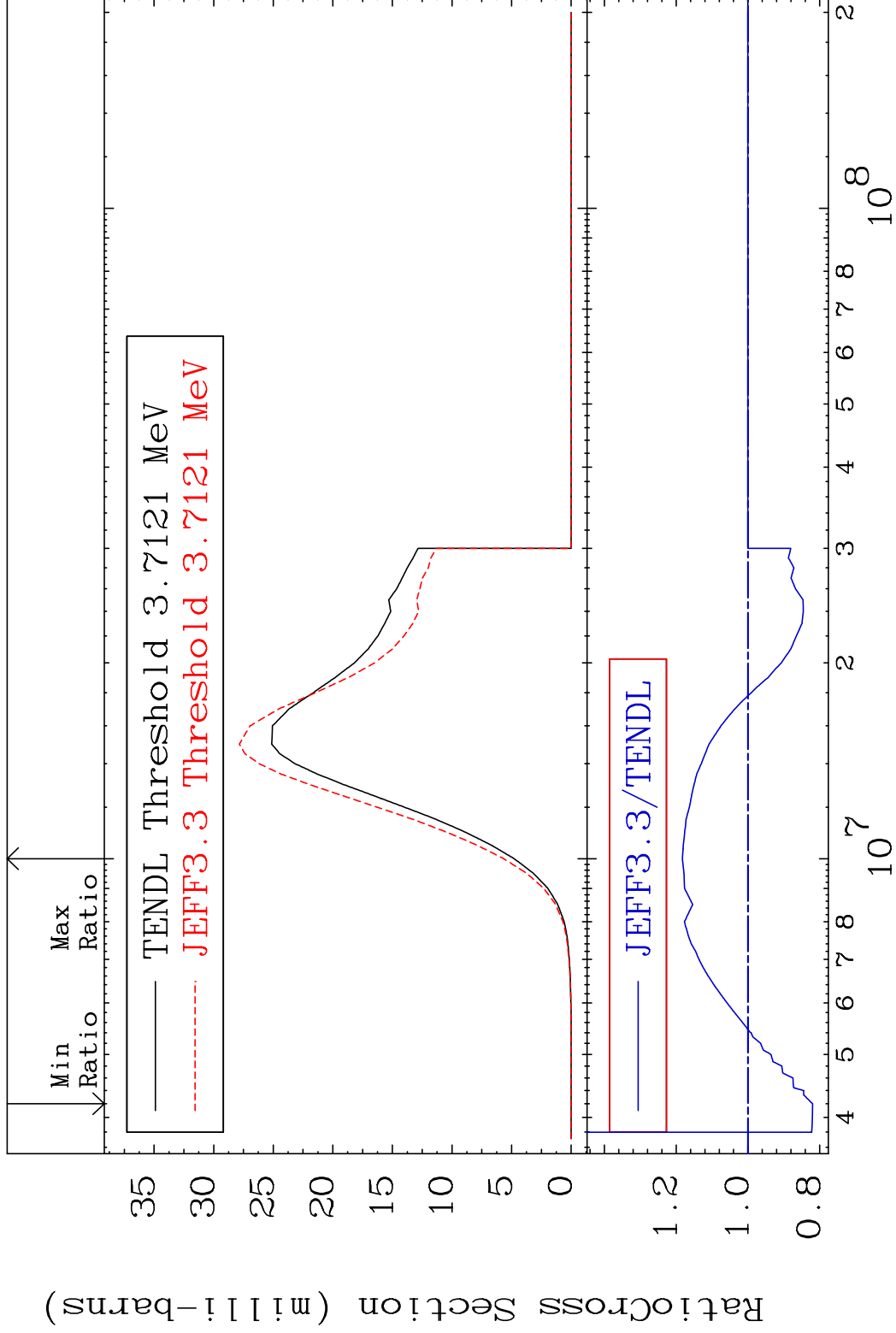
30-Zn-68

MAT 3037

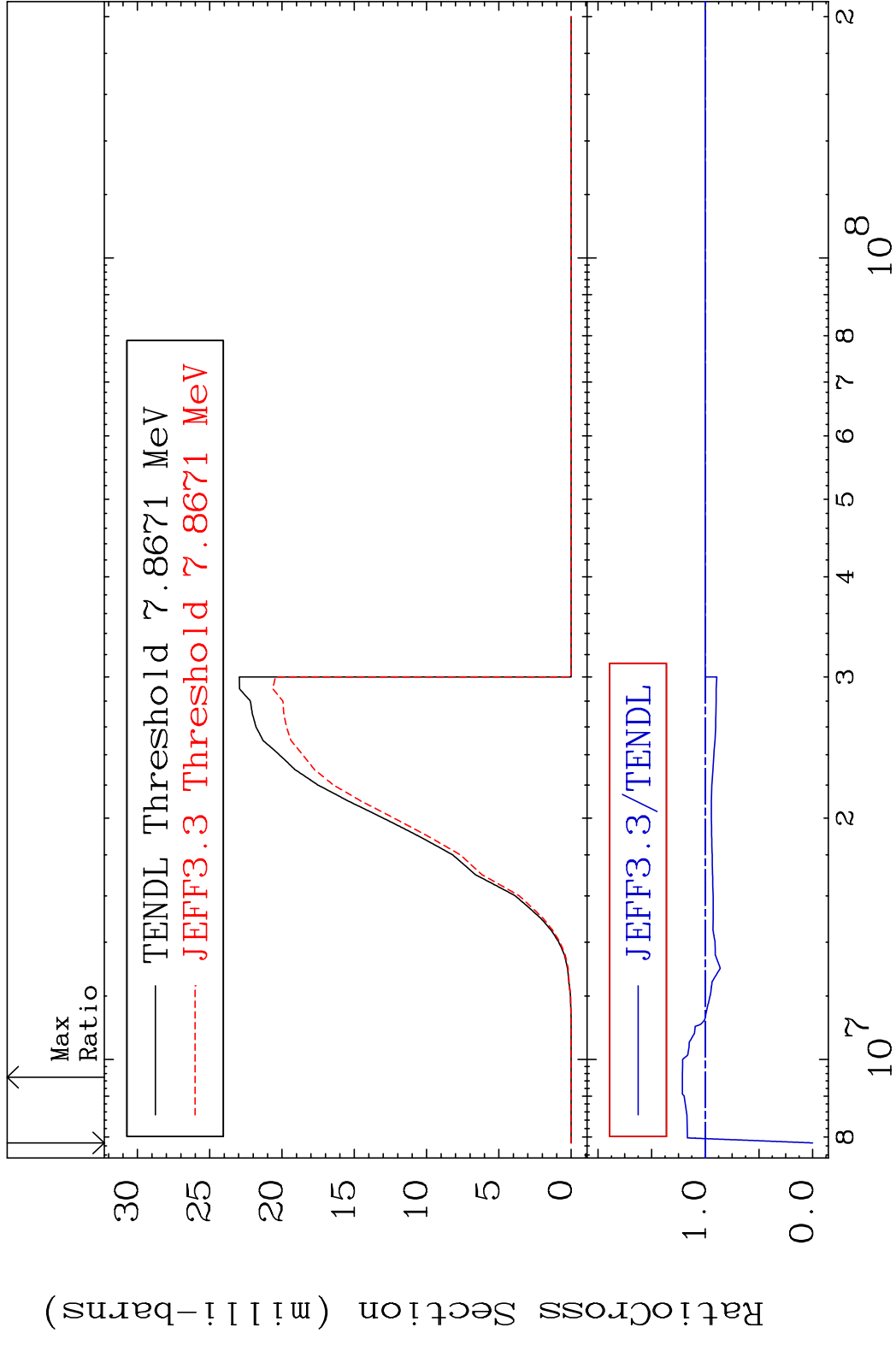
(n, p)

30-Zn-68

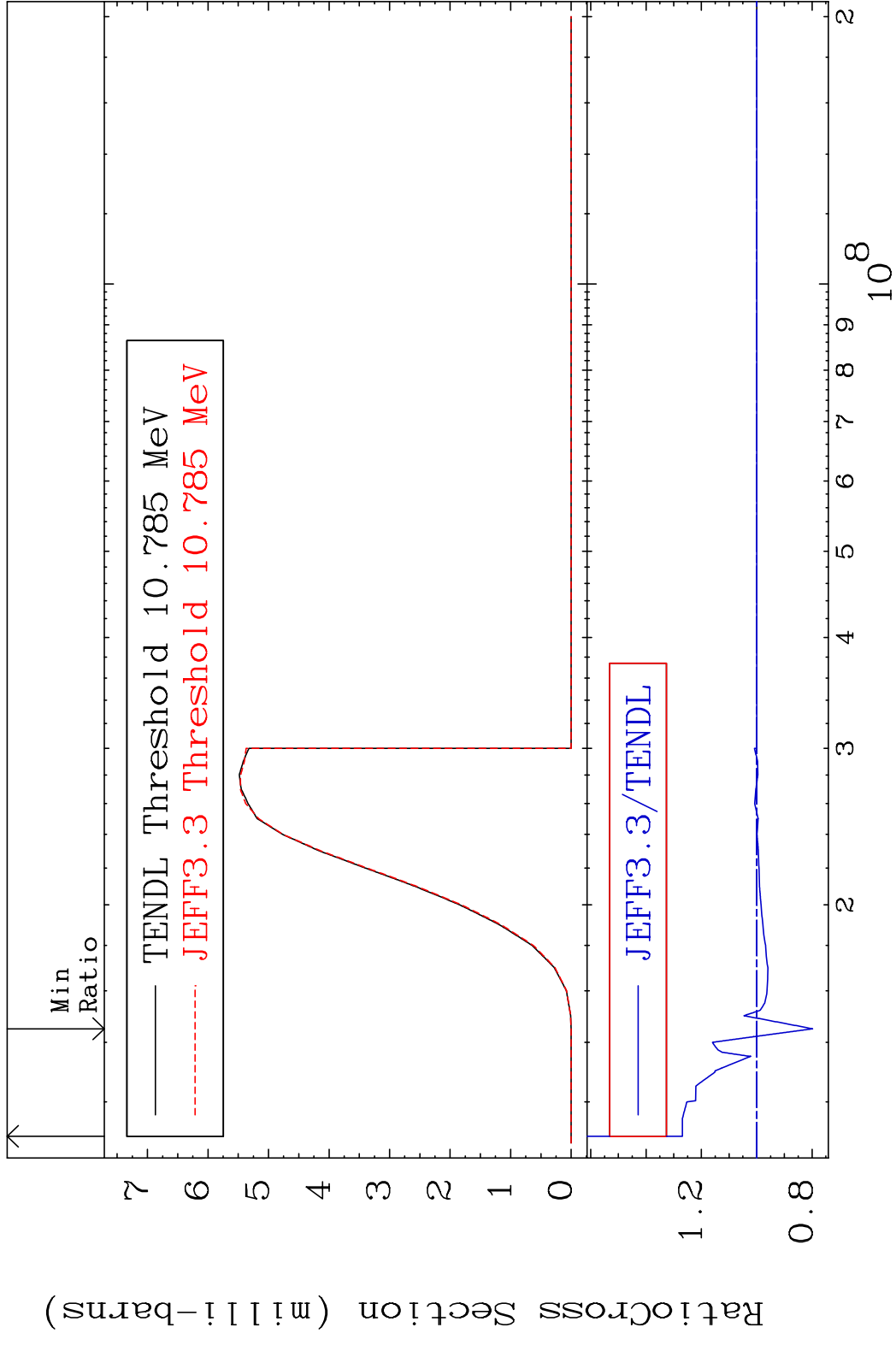
Cross Section -18.02 To 18.28 %



MAT 3037 (n,d) 30-Zn-68  
 Cross Section -100.0 To 21.34 %



MAT 3037 (n, t) 30-Zn-68  
 Cross Section -20.18 To 26.87 %

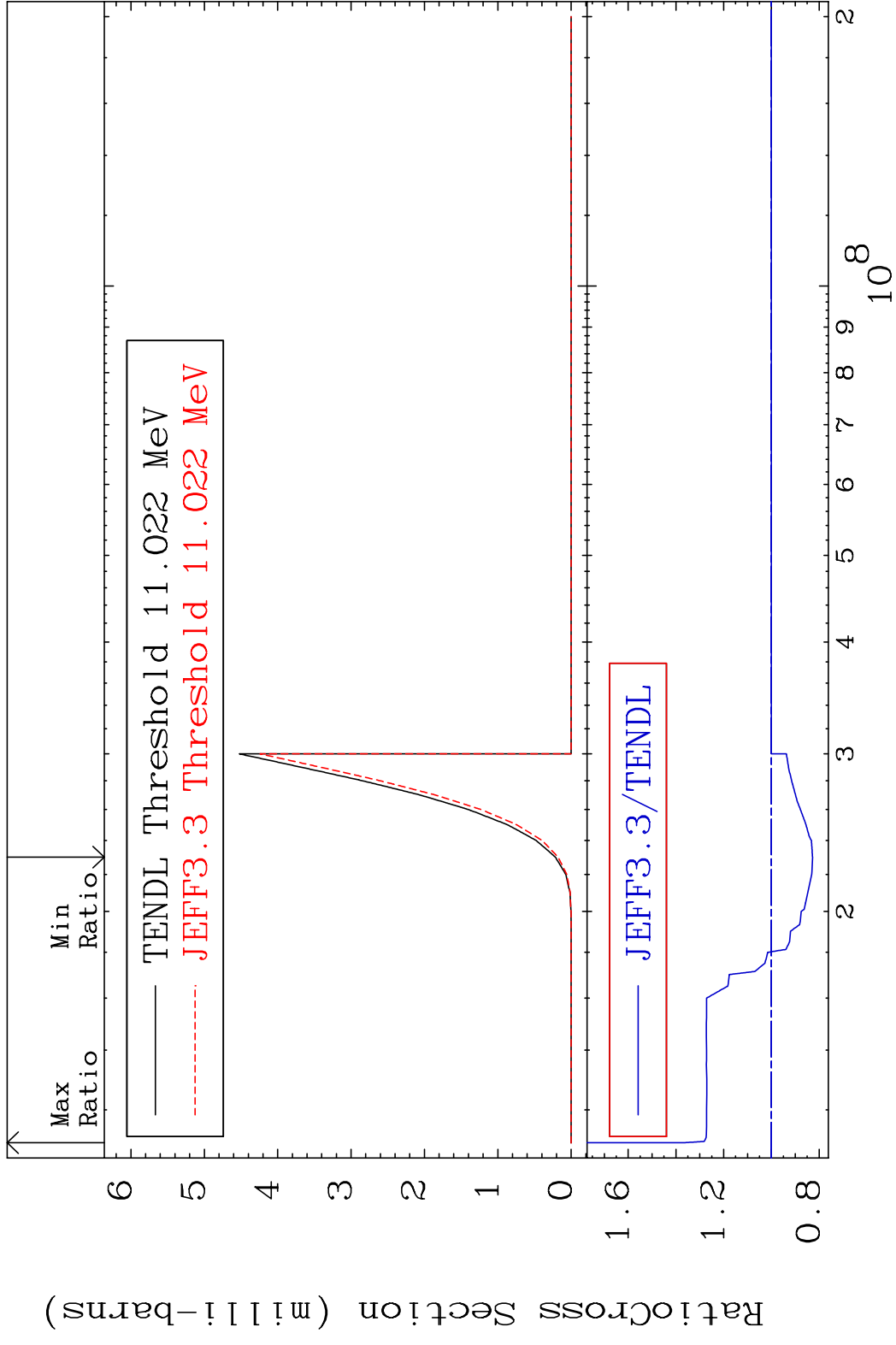


MAT 3037

(n, He-3)

30-Zn-68

Cross Section -17.24 To 37.31 %





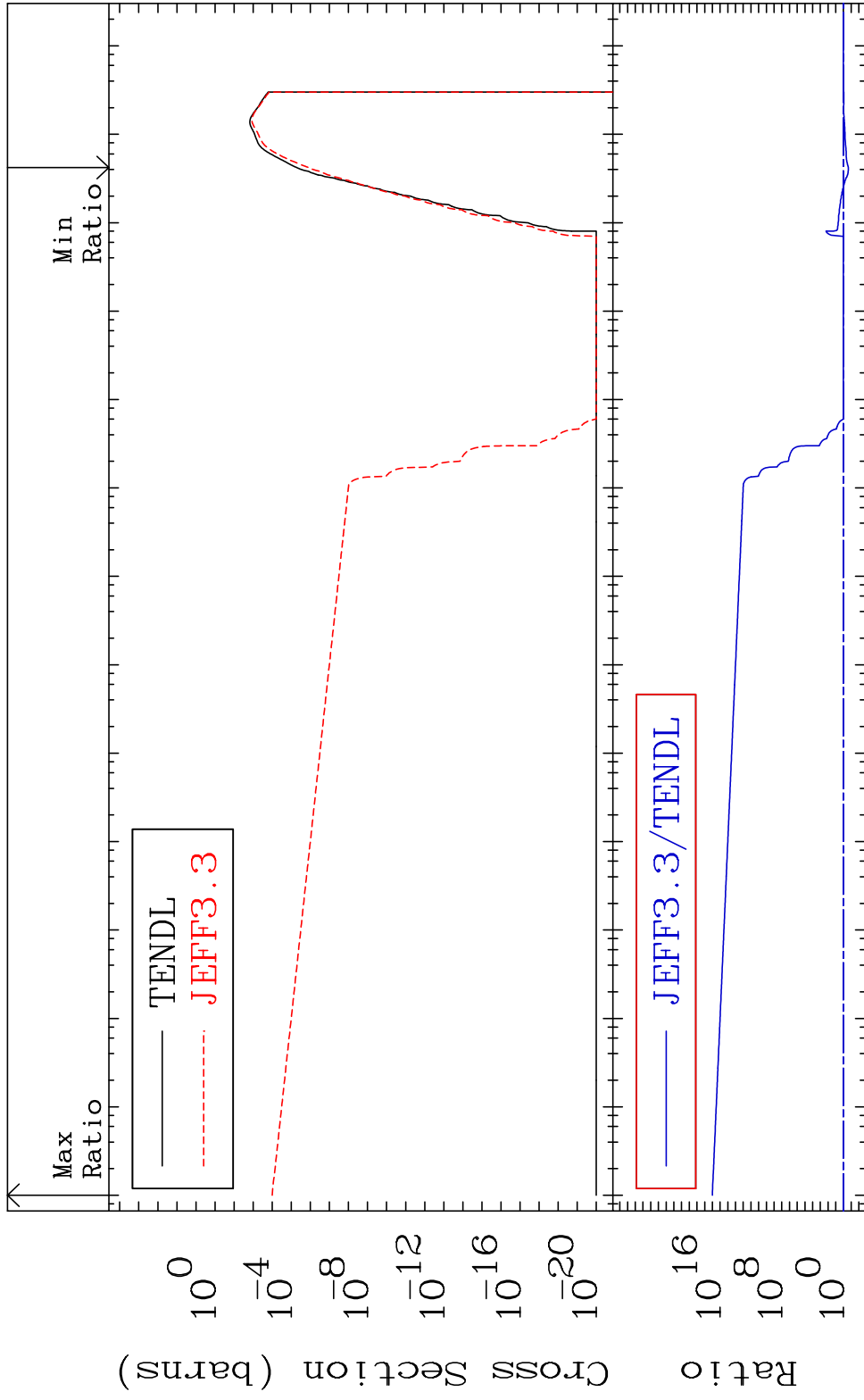
MAT 3037

(n,  $\alpha$ )

30-Zn-68

Cross Section

-76.38 To 9999. %



56

Incident Energy (eV)

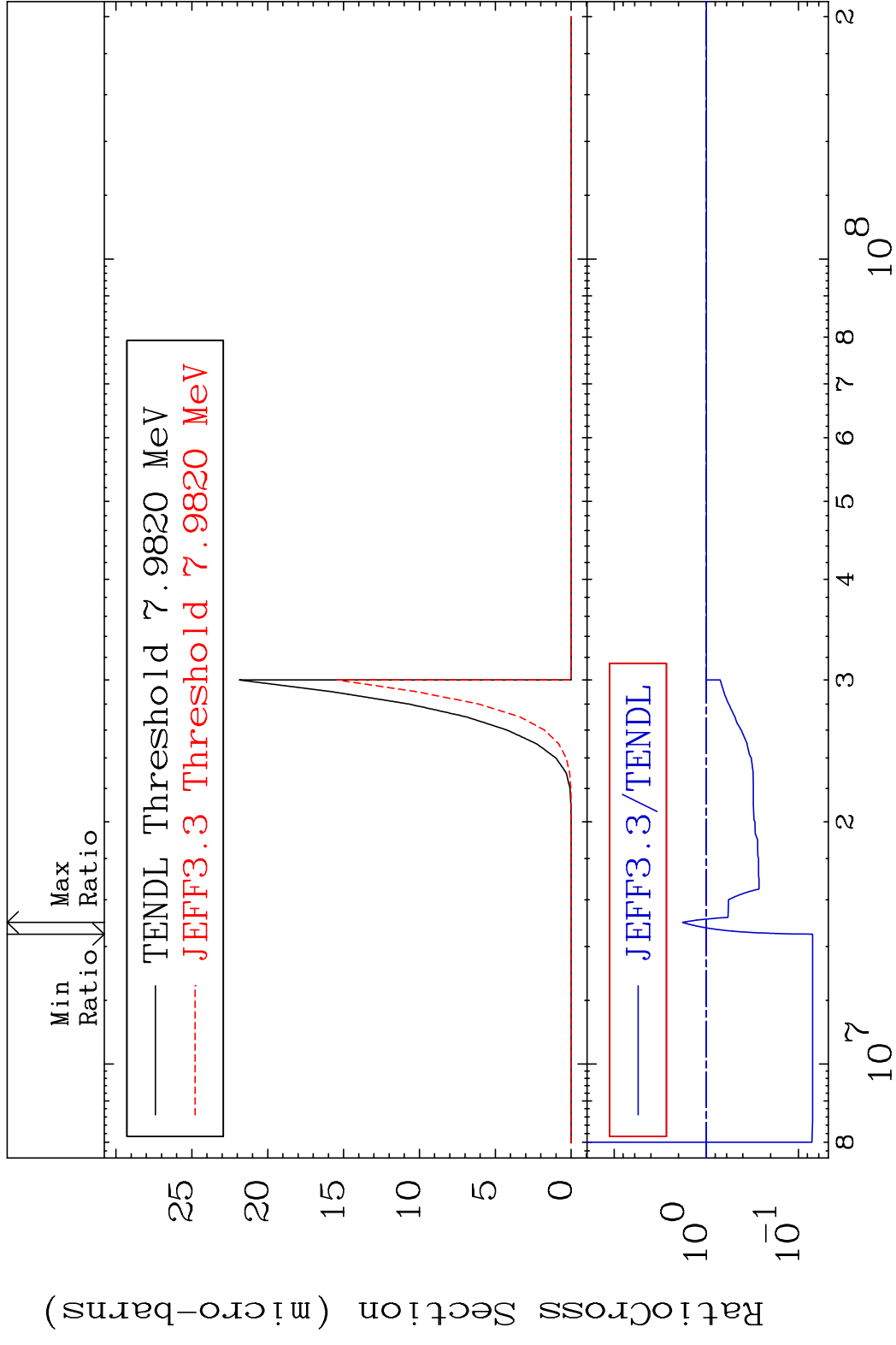
30-Zn-68

MAT 3037

(n,2α)

30-Zn-68

Cross Section -92.99 To 81.89 %



57

Incident Energy (eV)

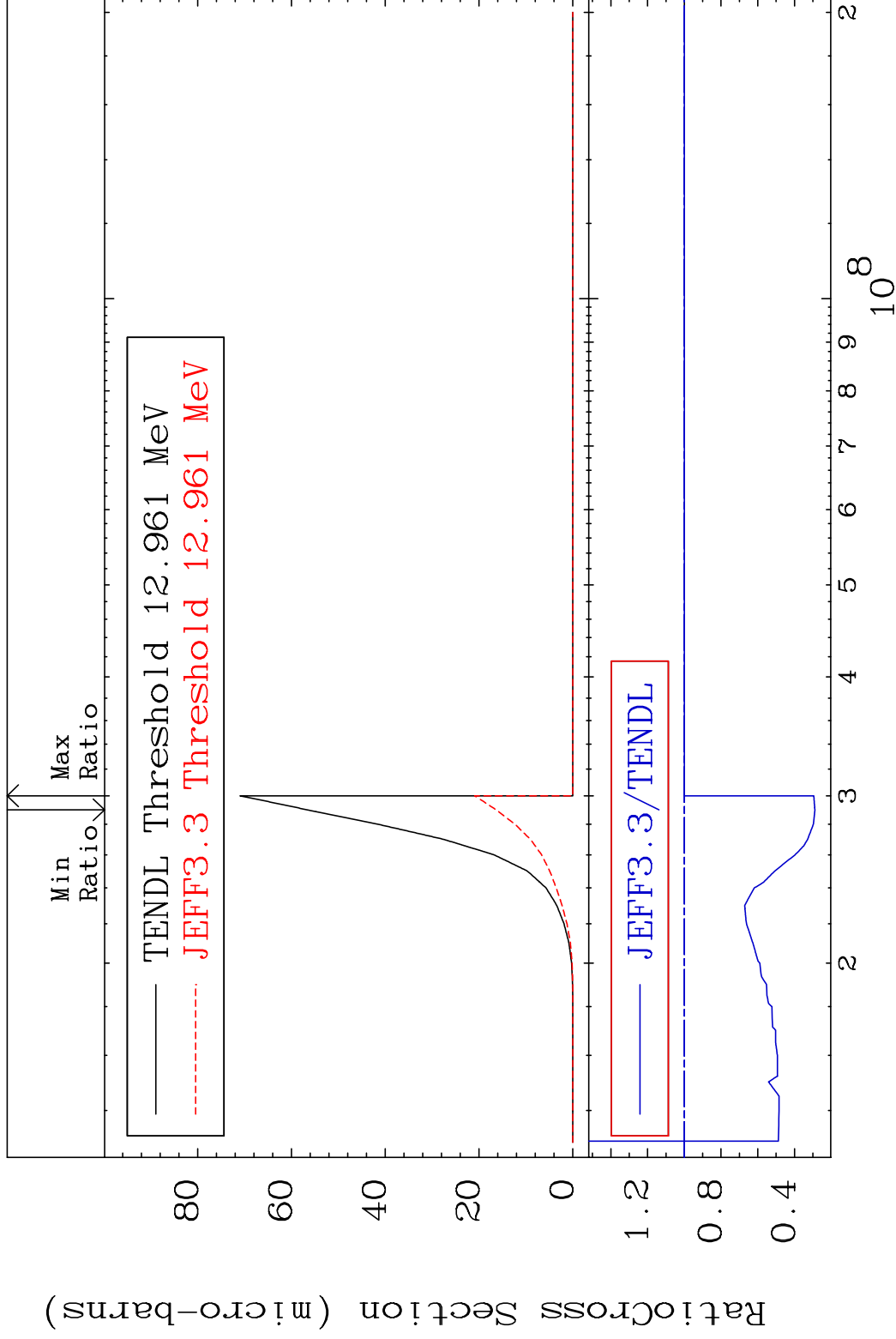
30-Zn-68

MAT 3037

(n,2p)

30-Zn-68

Cross Section -71.11 To 0.000 %

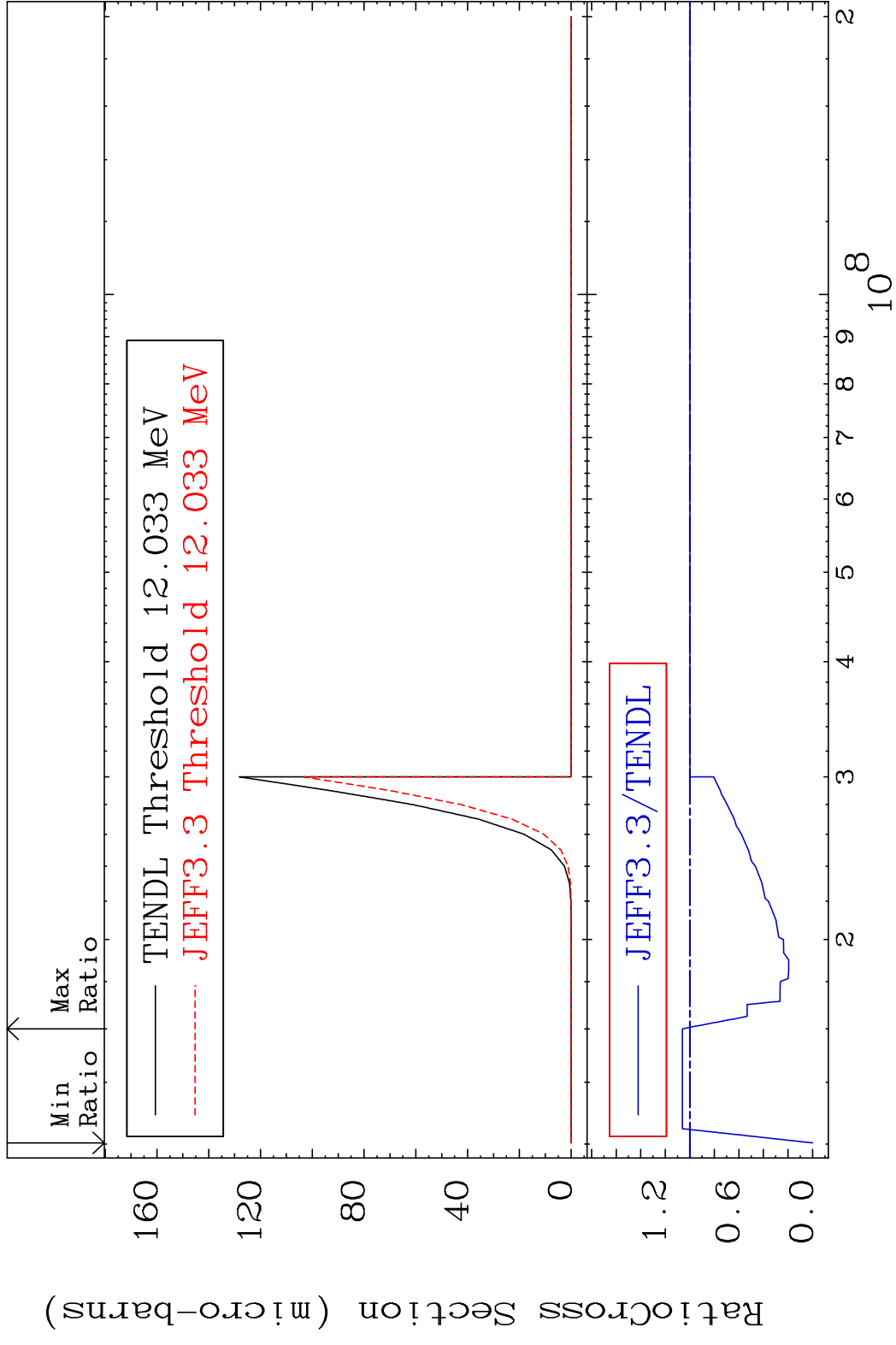


58

Incident Energy (eV)

30-Zn-68

MAT 3037 (n,p)  $\alpha$  30-Zn-68  
 Cross Section -100.0 To 6.070 %

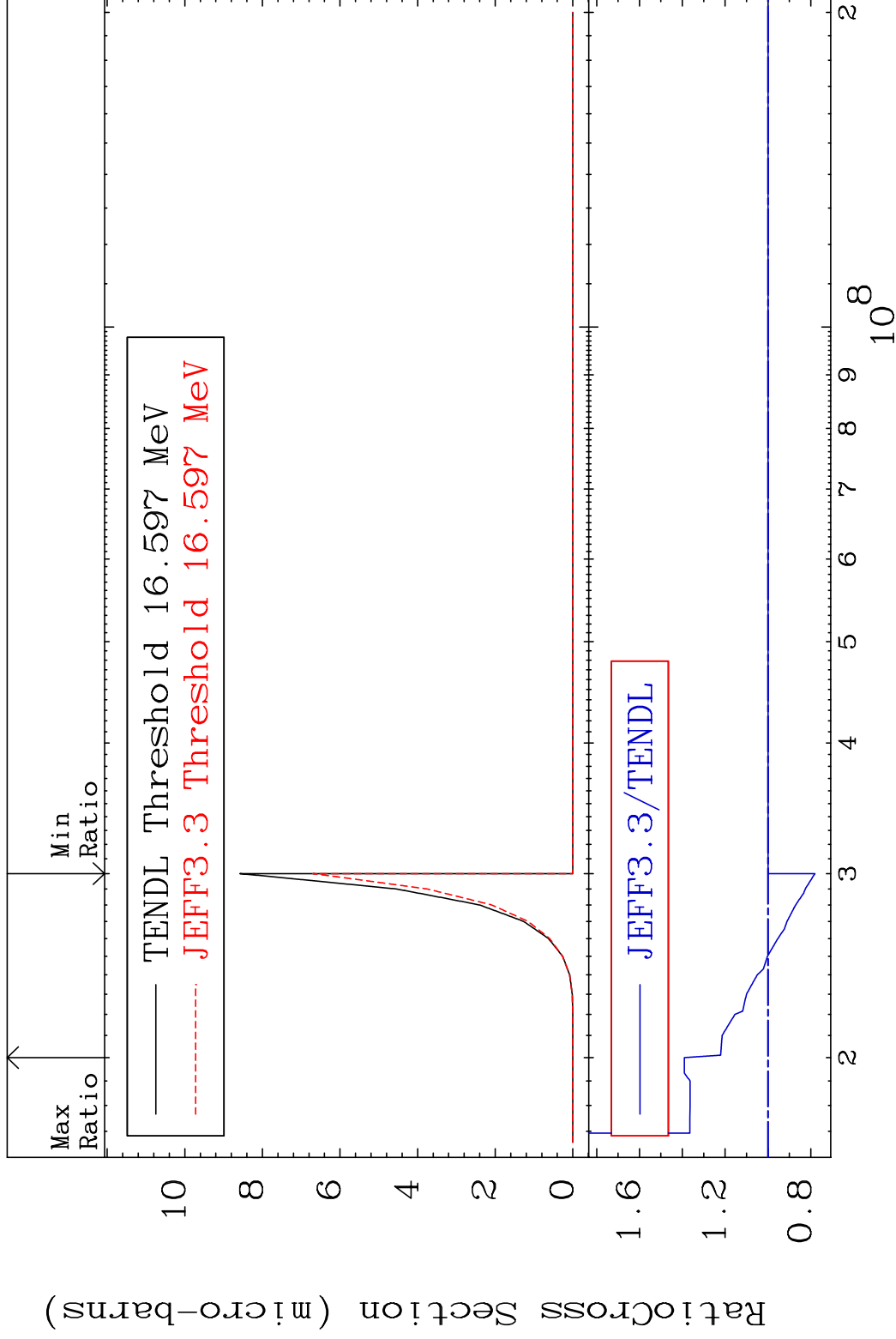


MAT 3037

(n,p) d

30-Zn-68

Cross Section -21.92 To 39.06 %

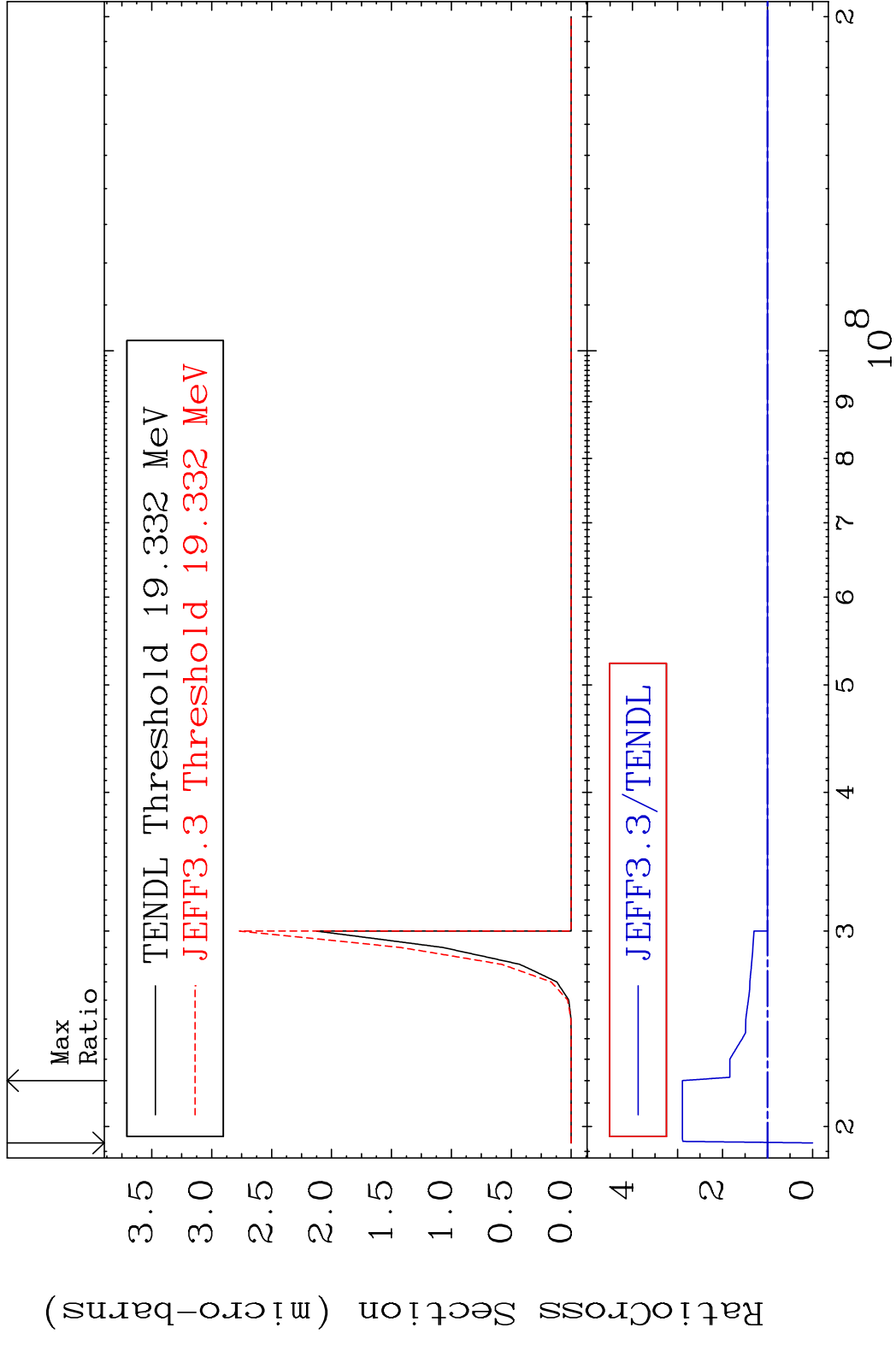


60

Incident Energy (eV)

30-Zn-68

MAT 3037 (n,p) t 30-Zn-68  
 Cross Section -100.0 To 189.3 %

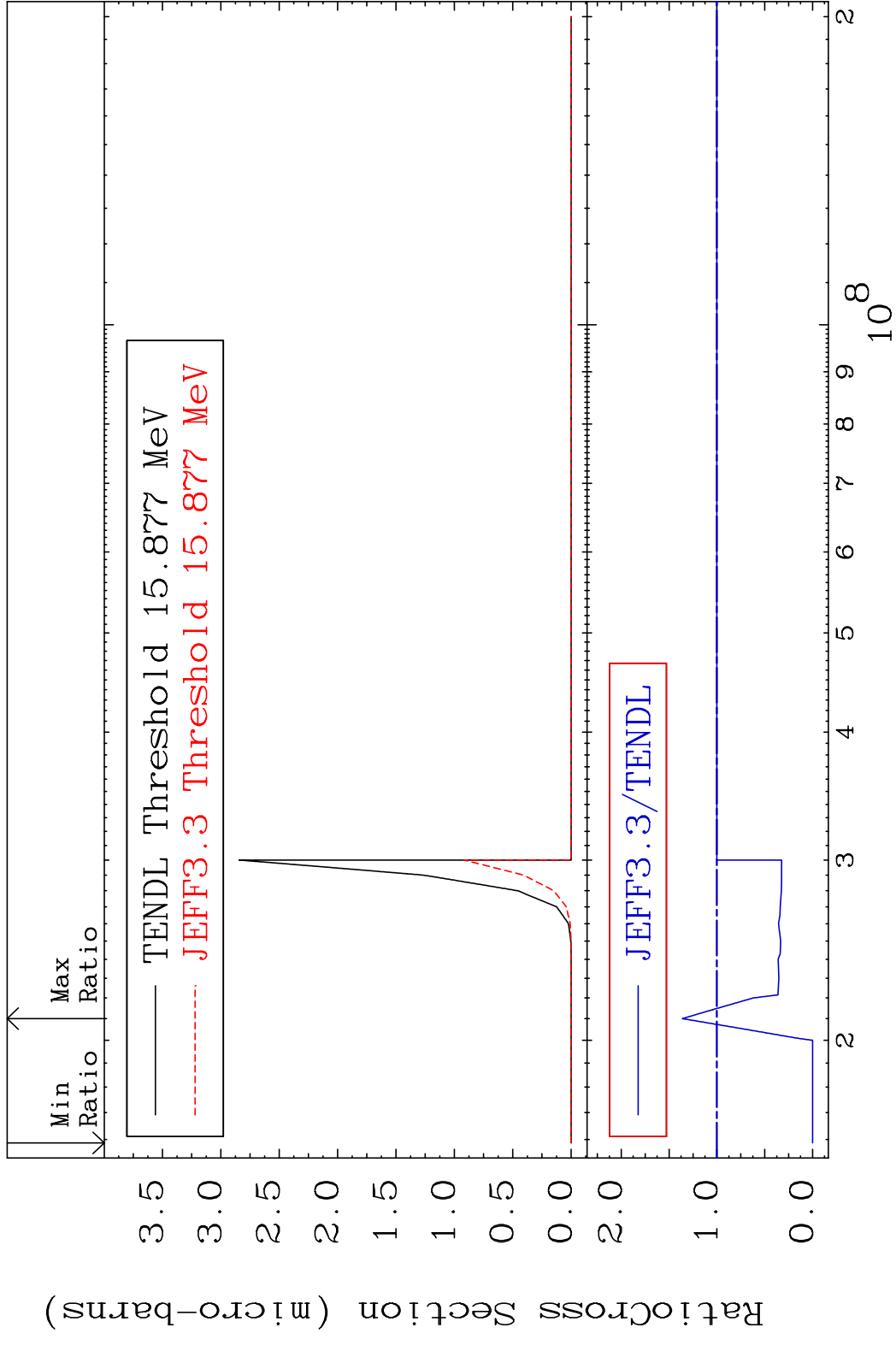


MAT 3037

(n,d)  $\alpha$

30-Zn-68

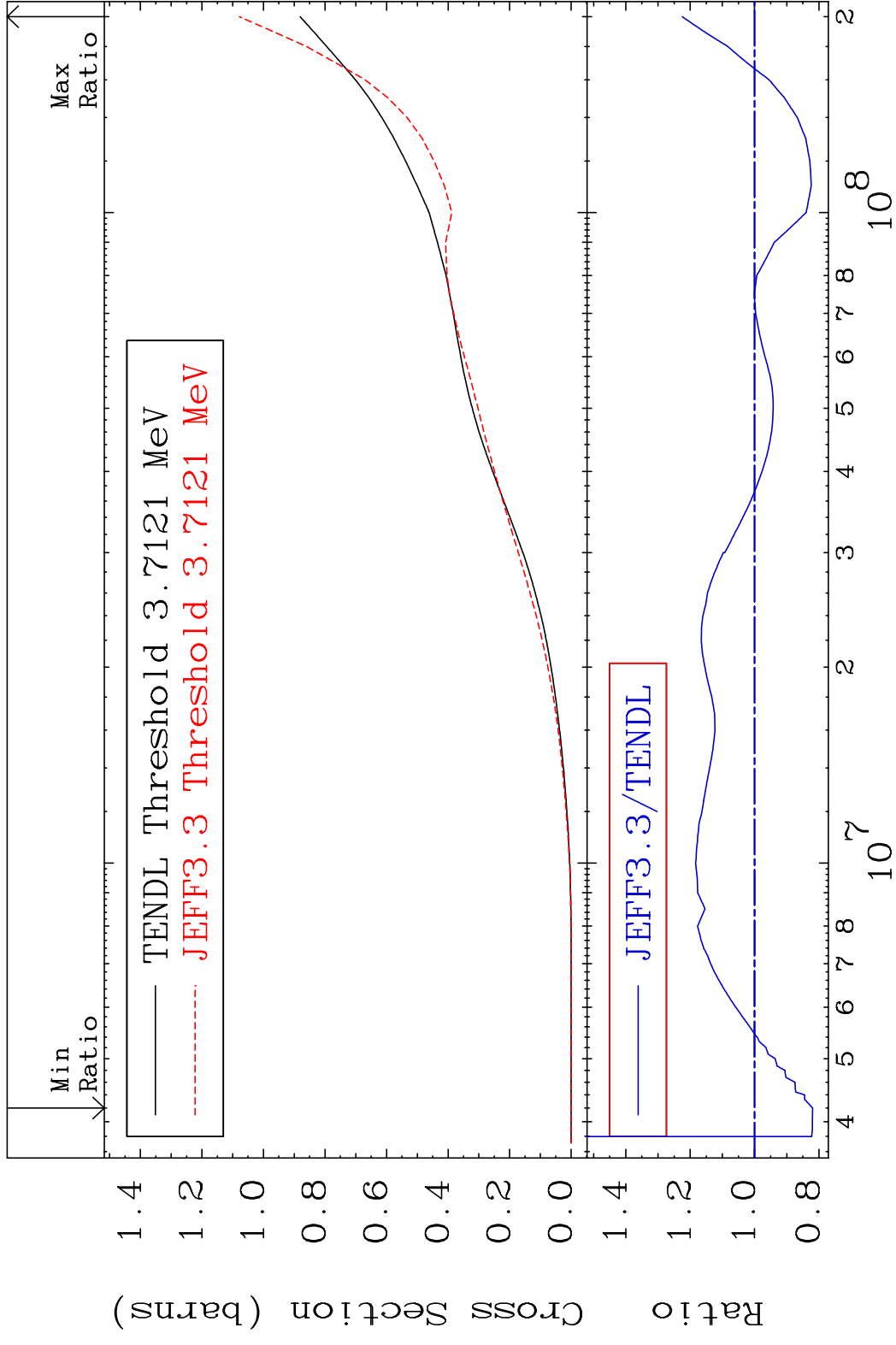
Cross Section -100.0 To 36.13 %



MAT 3037

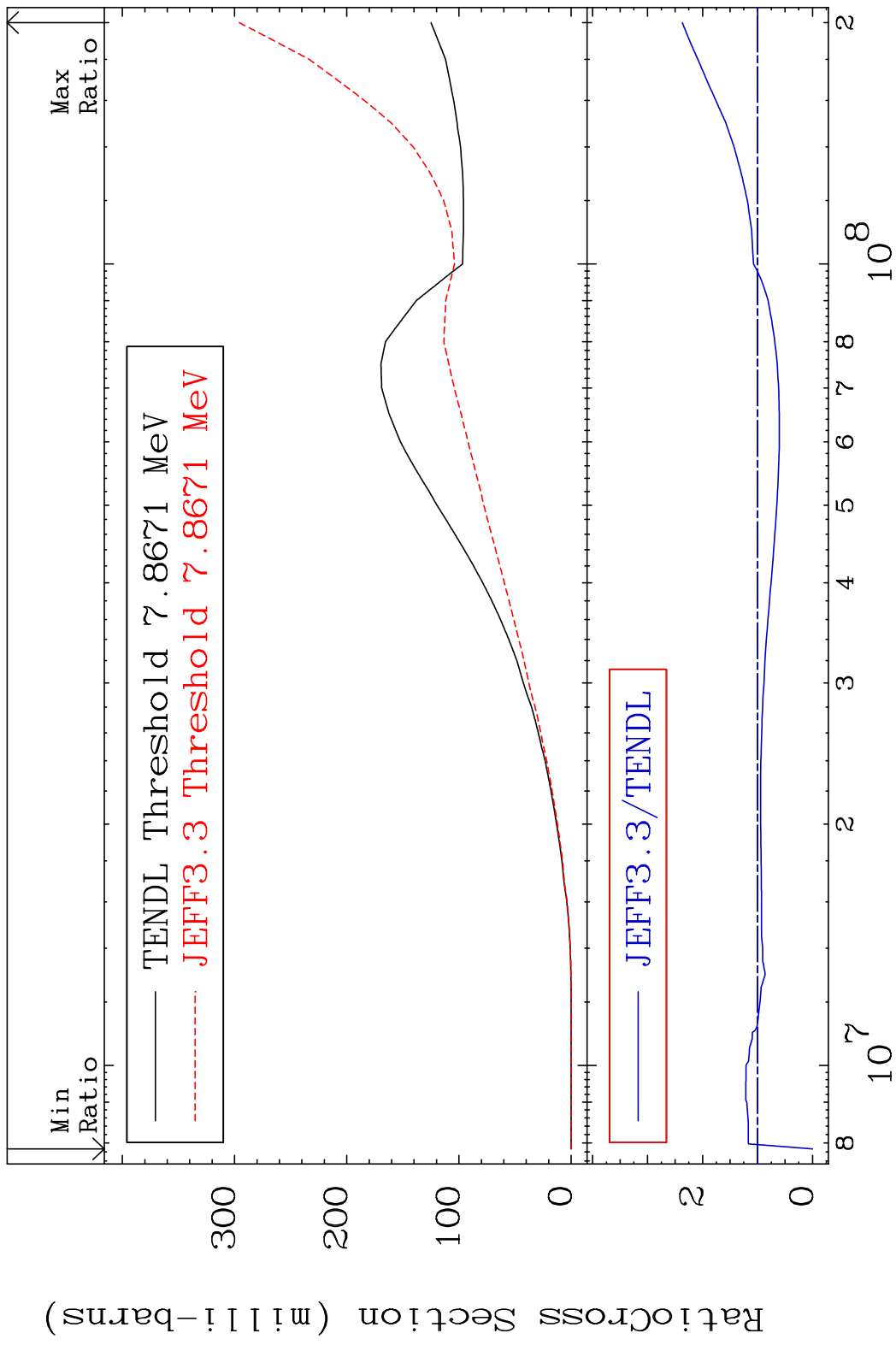
Hydrogen Production  
Cross Section -18.02 To 22.43 %

30-Zn-68





MAT 3037 Deuterium Production 30-Zn-68  
 Cross Section -100.0 To 136.8 %



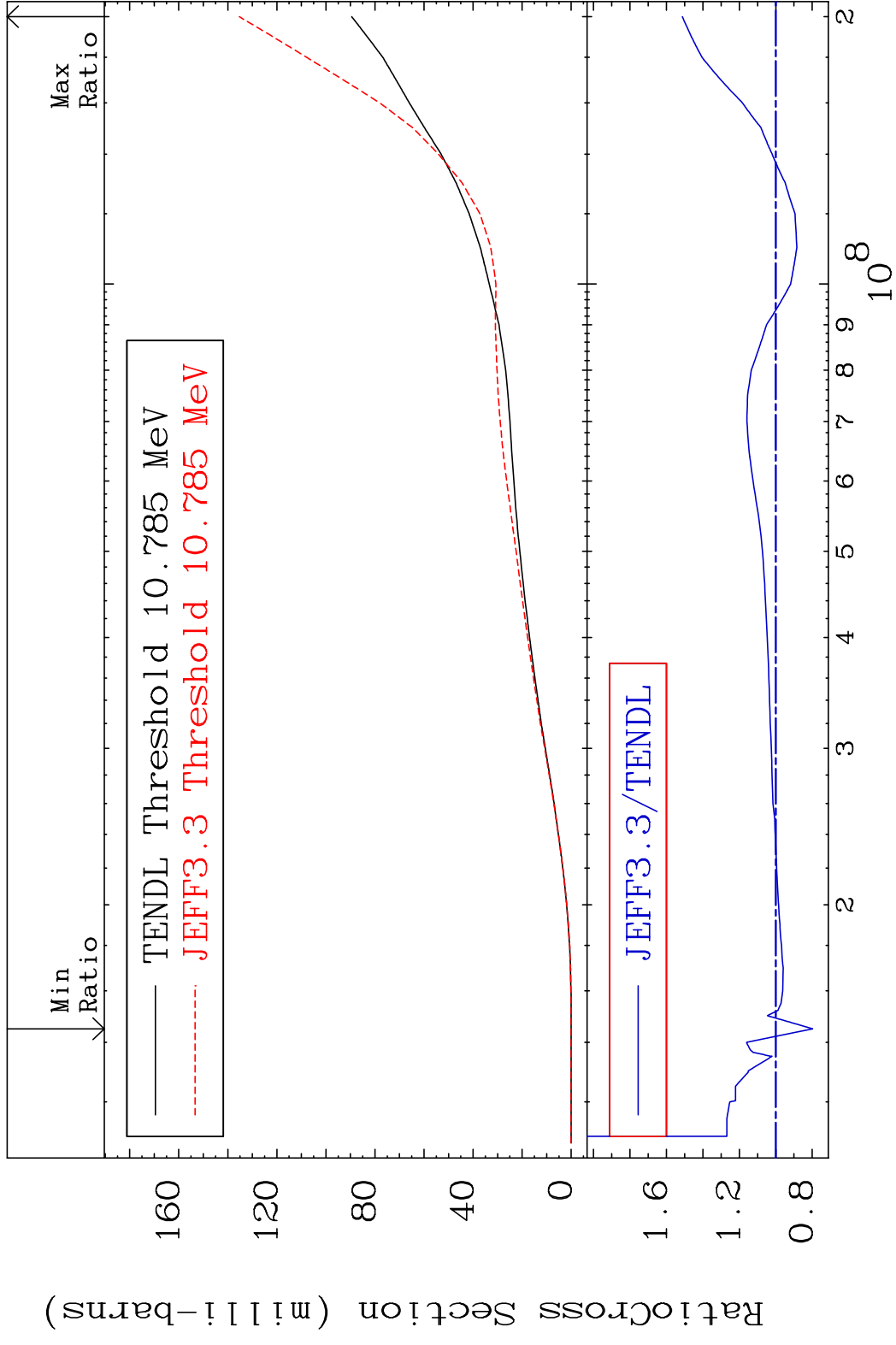
64 Incident Energy (eV) 30-Zn-68

MAT 3037

Tritium Production

30-Zn-68

Cross Section -20.18 To 51.25 %



65

Incident Energy (eV)

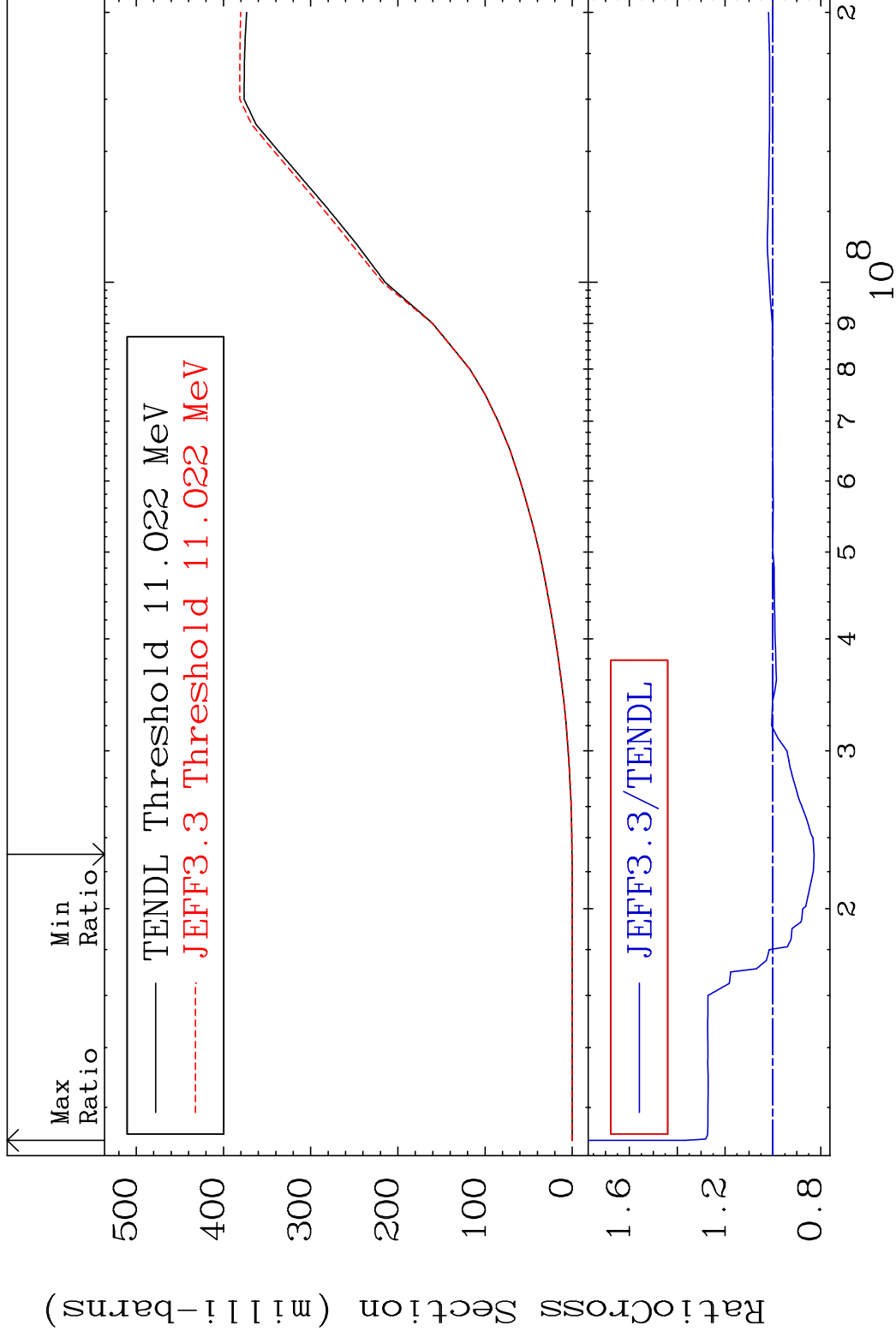
30-Zn-68

MAT 3037

He-3 Production

30-Zn-68

Cross Section -17.24 To 37.31 %



66

Incident Energy (eV)

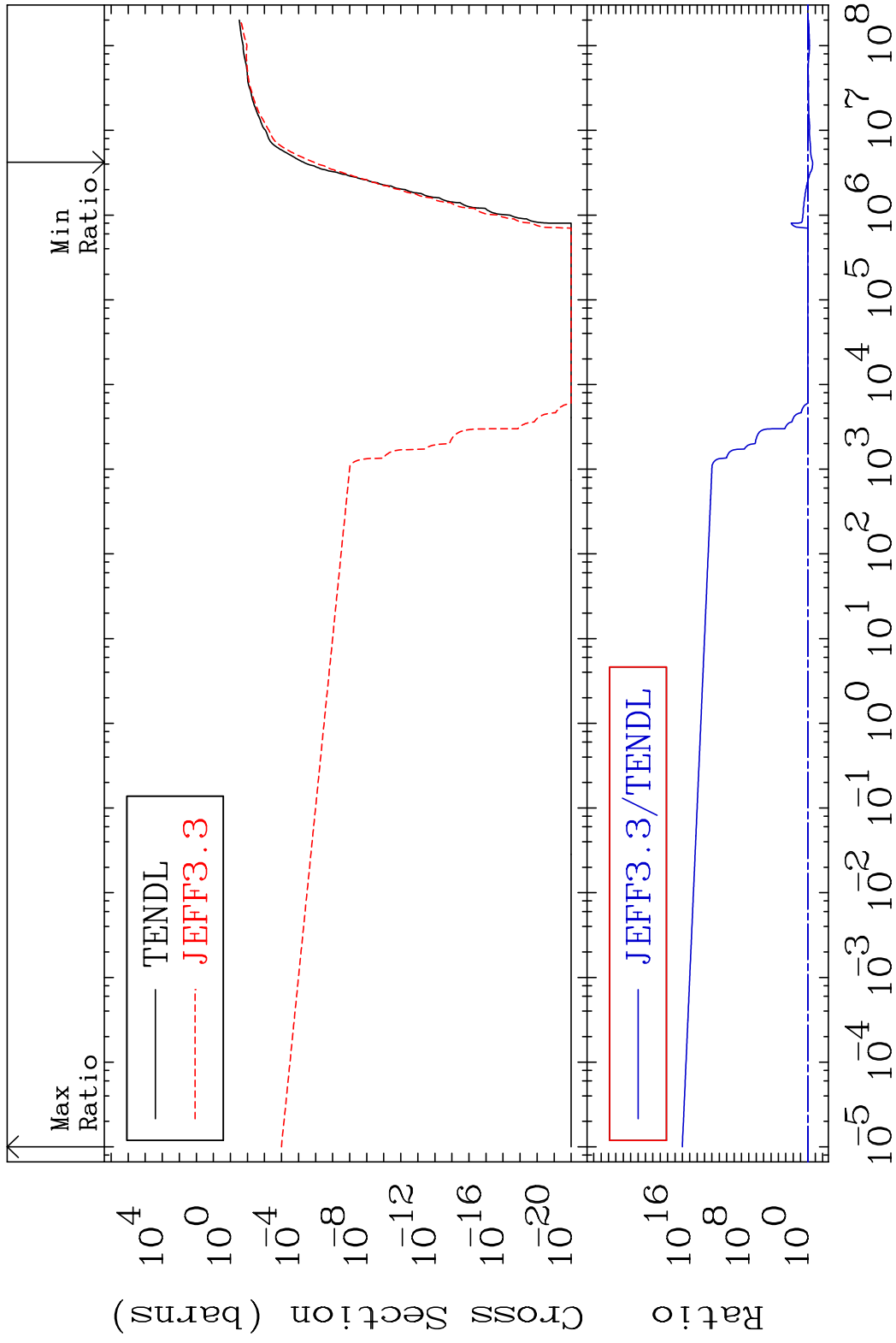
30-Zn-68

MAT 3037

He-4 Production

30-Zn-68

Cross Section -76.38 To 9999. %

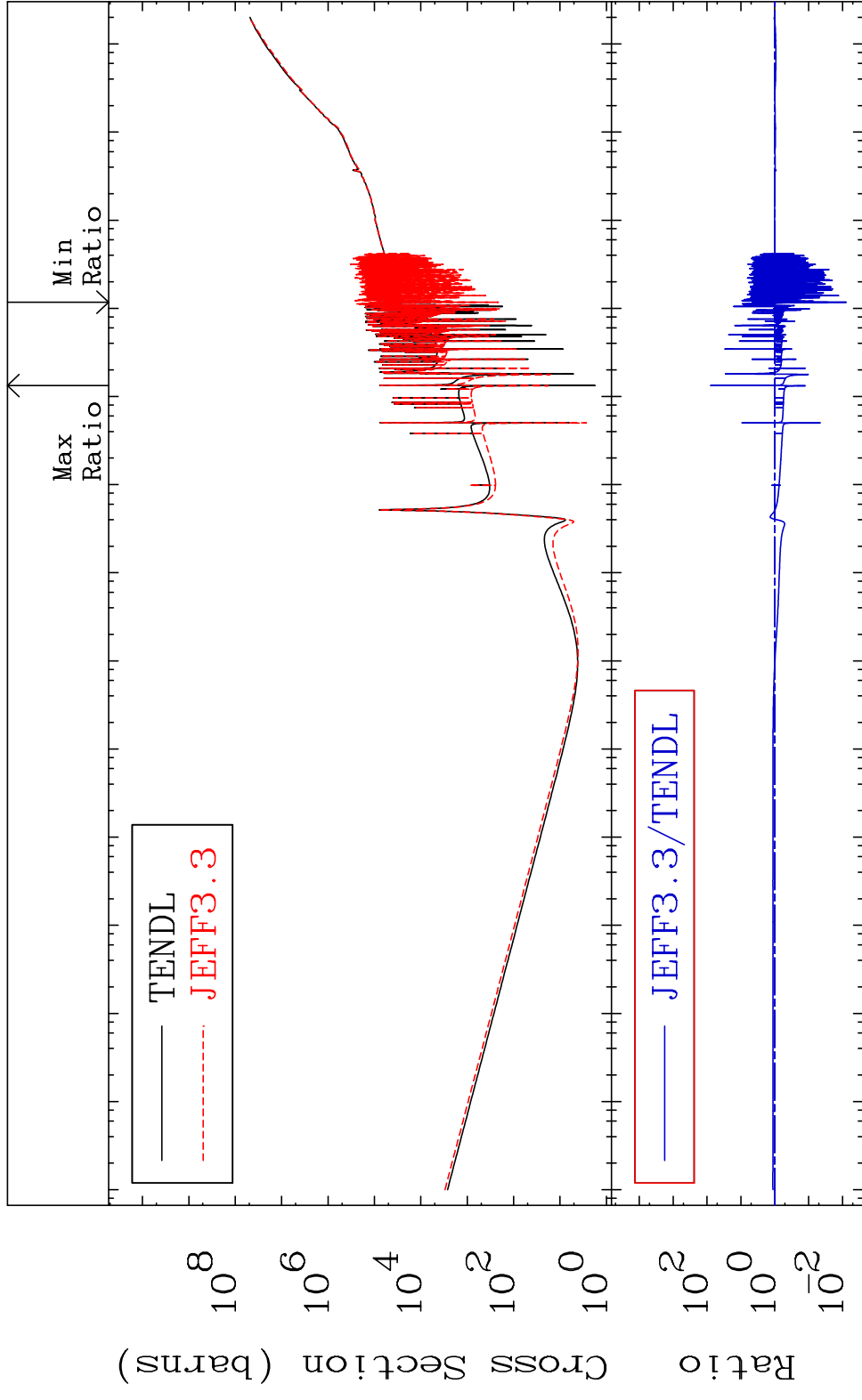


67

Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma total (eV-barns) 30-Zn-68  
 Cross Section -99.23 To 7670. %



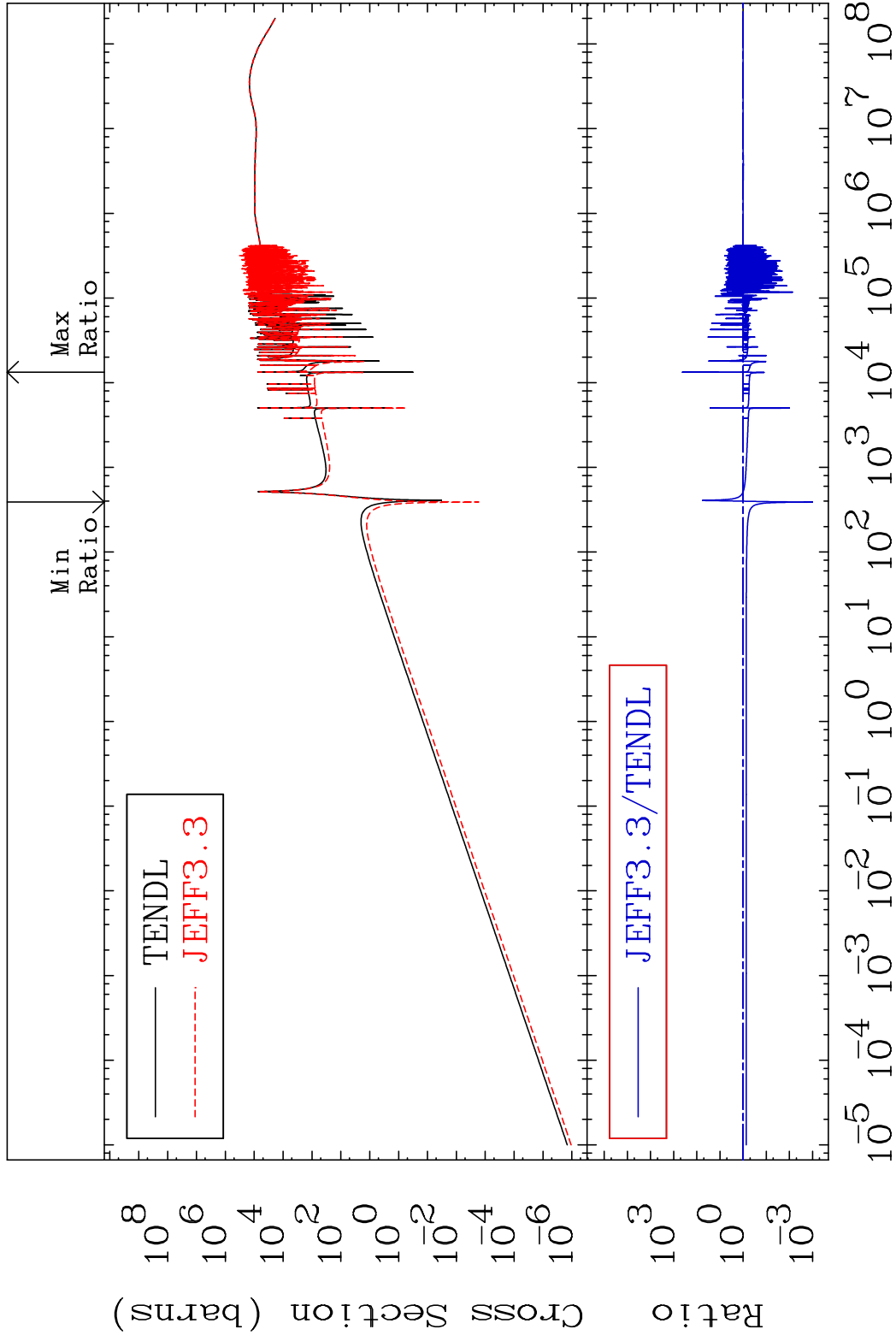
68 Incident Energy (eV) 30-Zn-68

MAT 3037

Kerma elastic  
Cross Section

30-Zn-68

-99.90 To 9999. %

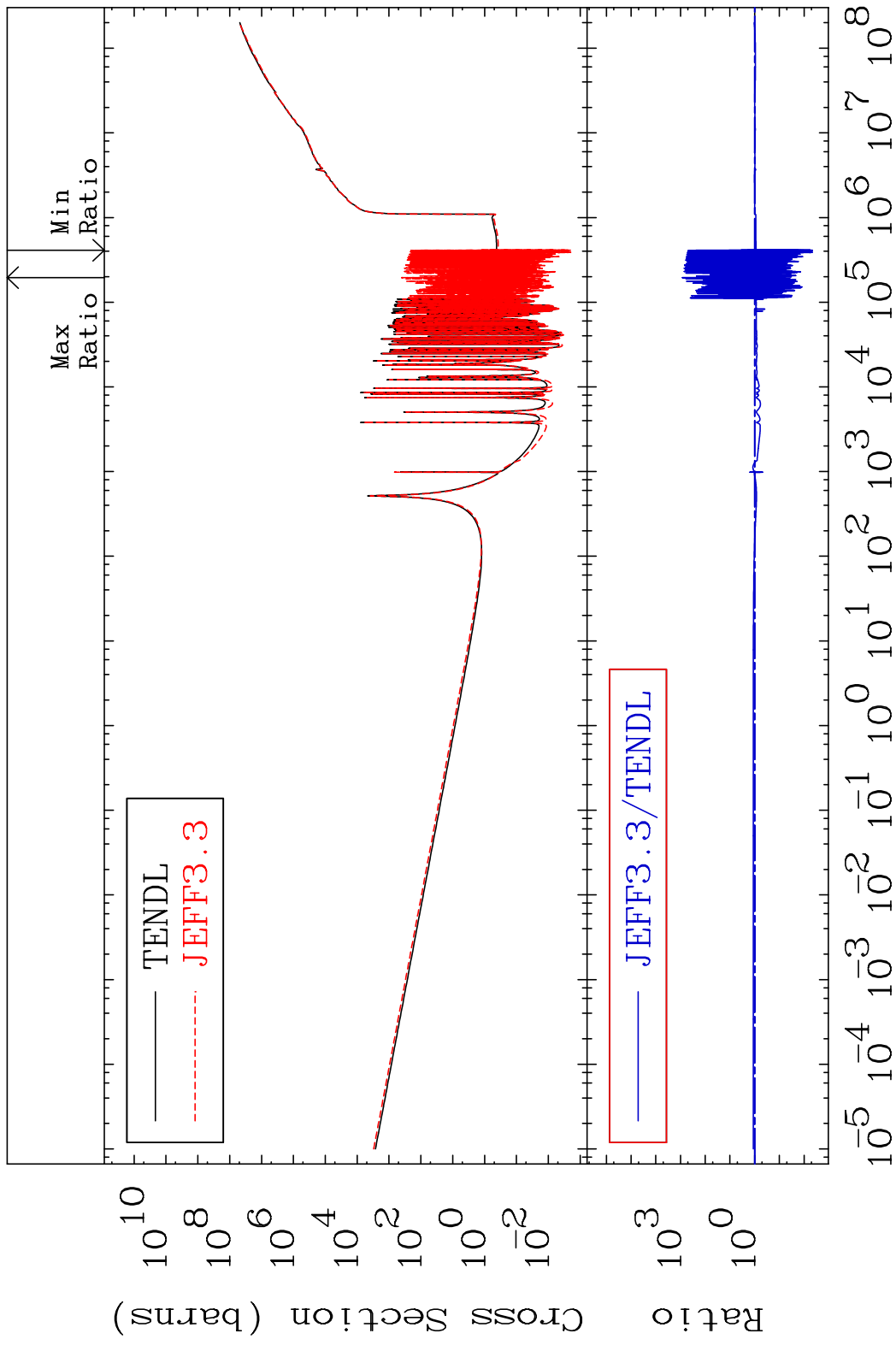


69

Incident Energy (eV)

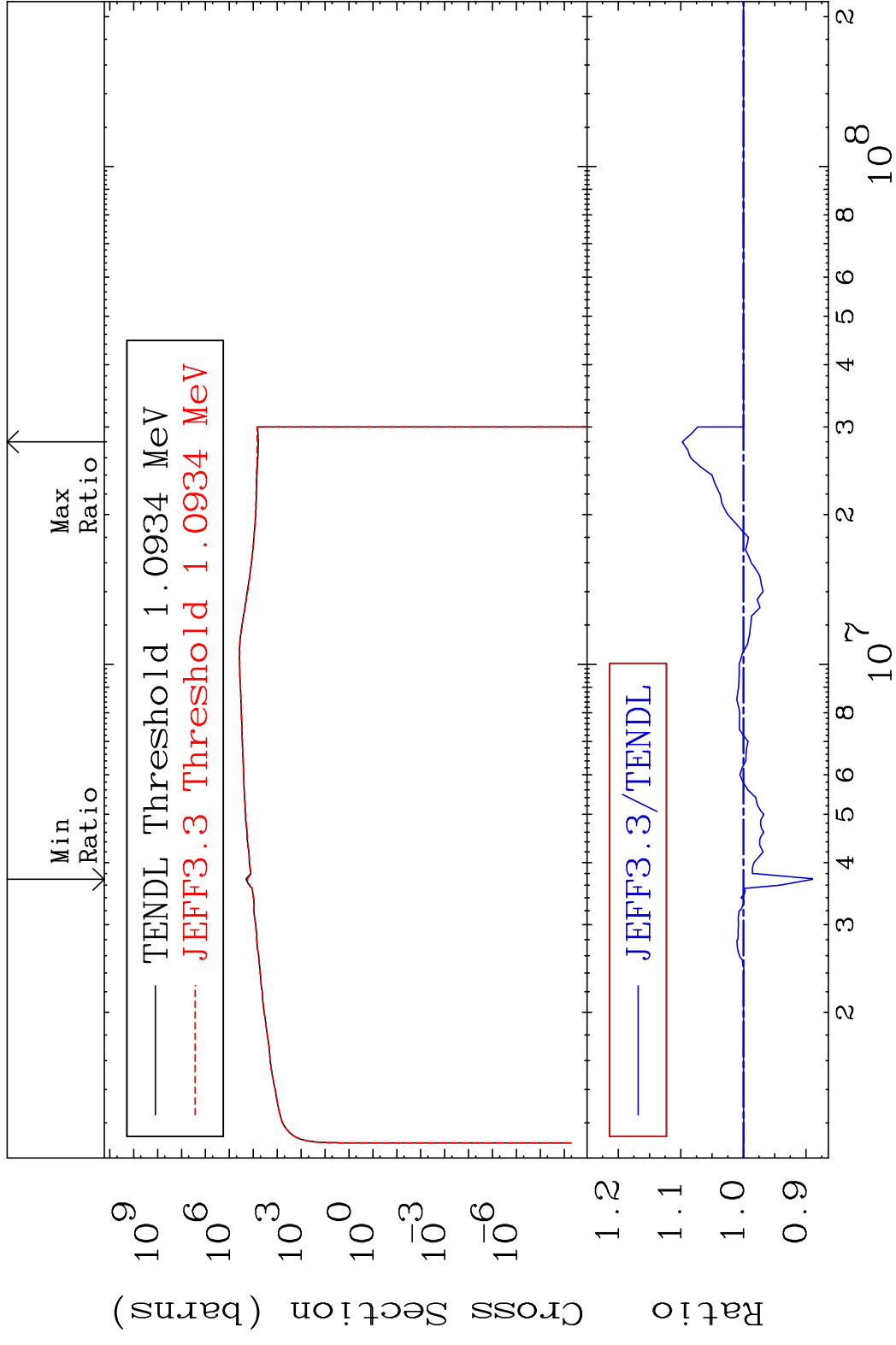
30-Zn-68

MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68  
 Cross Section -99.55 To 9999. %



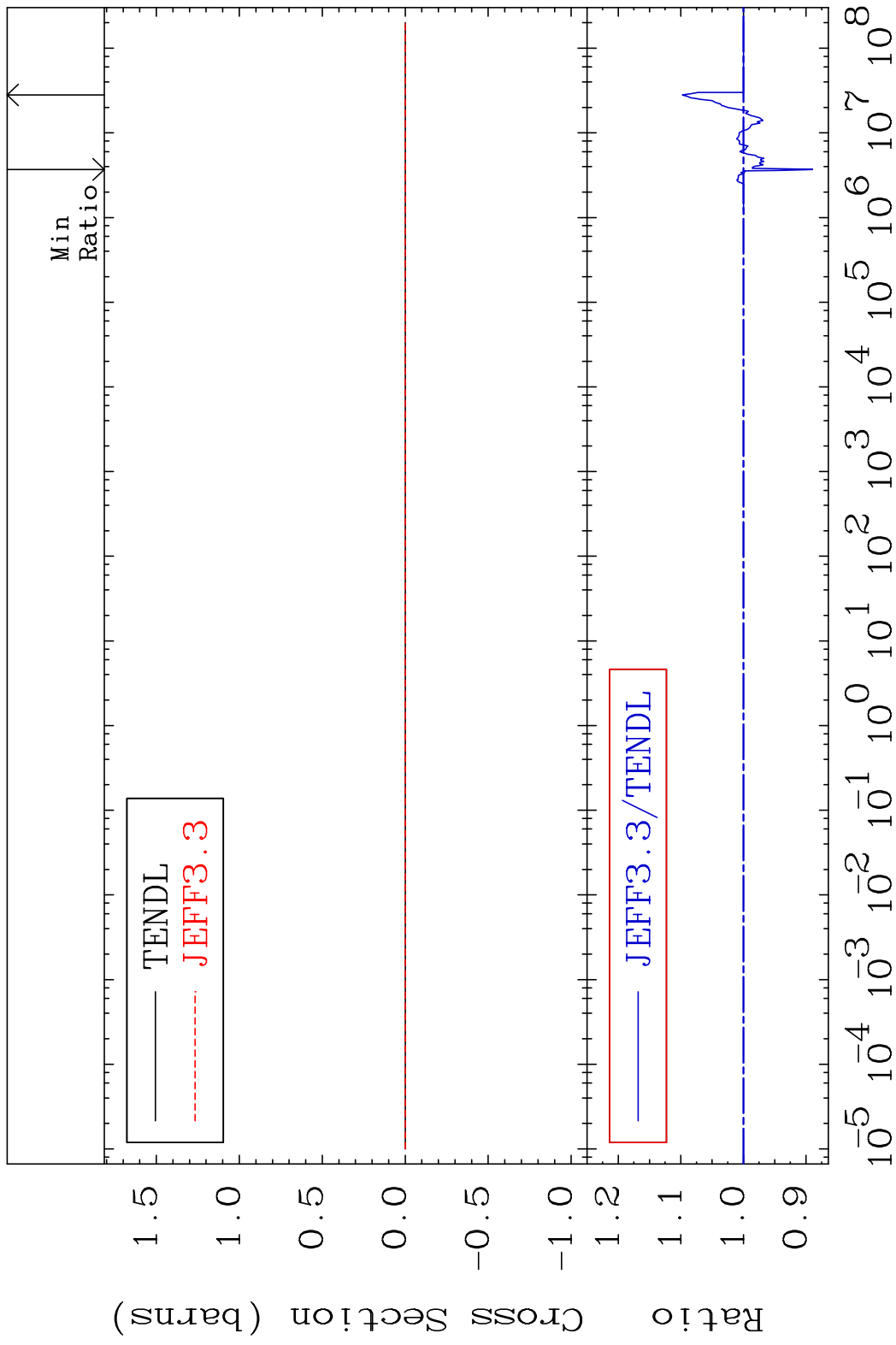
70 Incident Energy (eV) 30-Zn-68

MAT 3037 Kerma inelastic (mt51-91) 30-Zn-68  
 Cross Section -11.05 To 9.755 %



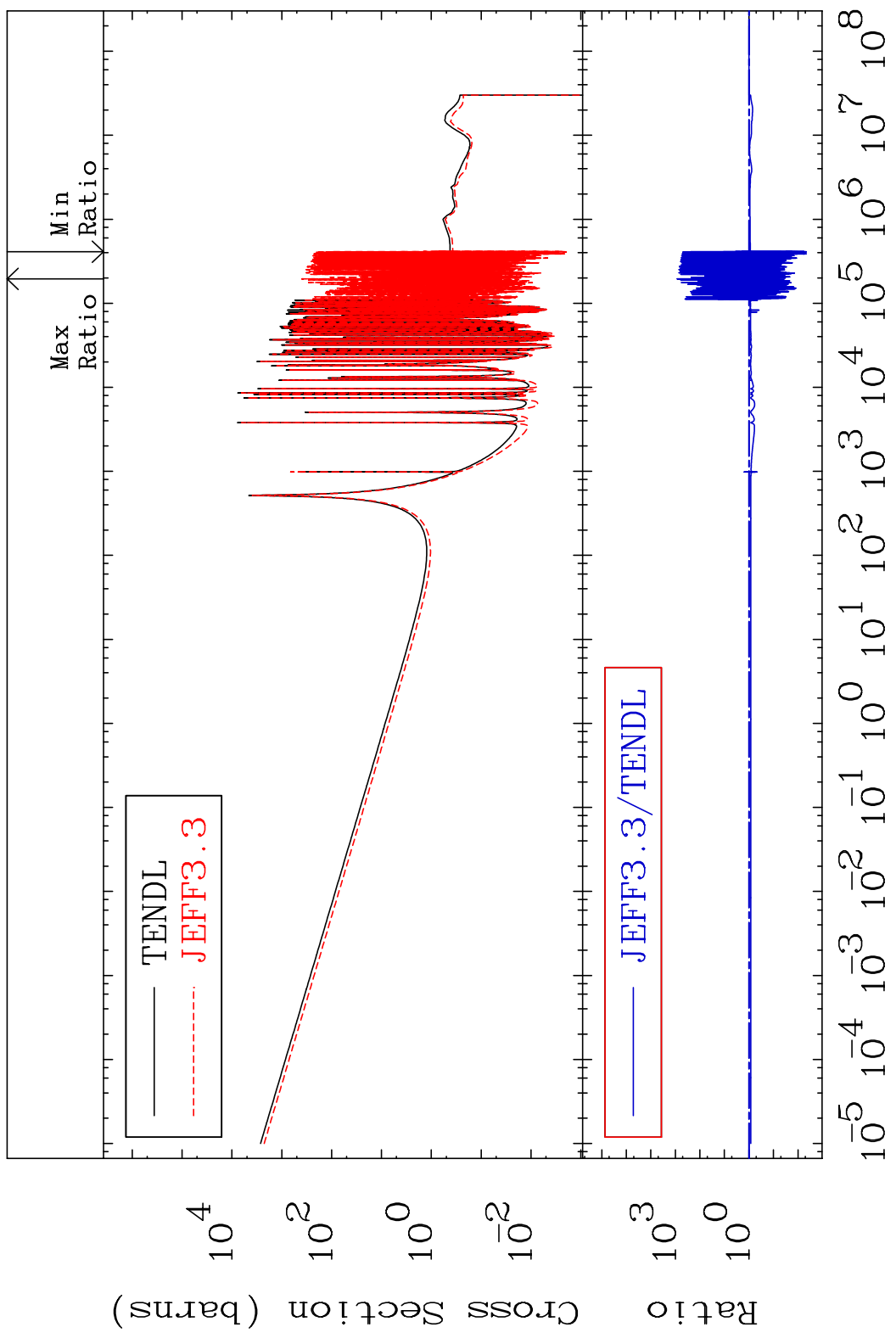


MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68  
 Cross Section -11.05 To 9.755 %



MAT 3037

Kerma capture (mt102) 30-Zn-68  
Cross Section -99.55 To 9999. %



73

Incident Energy (eV)

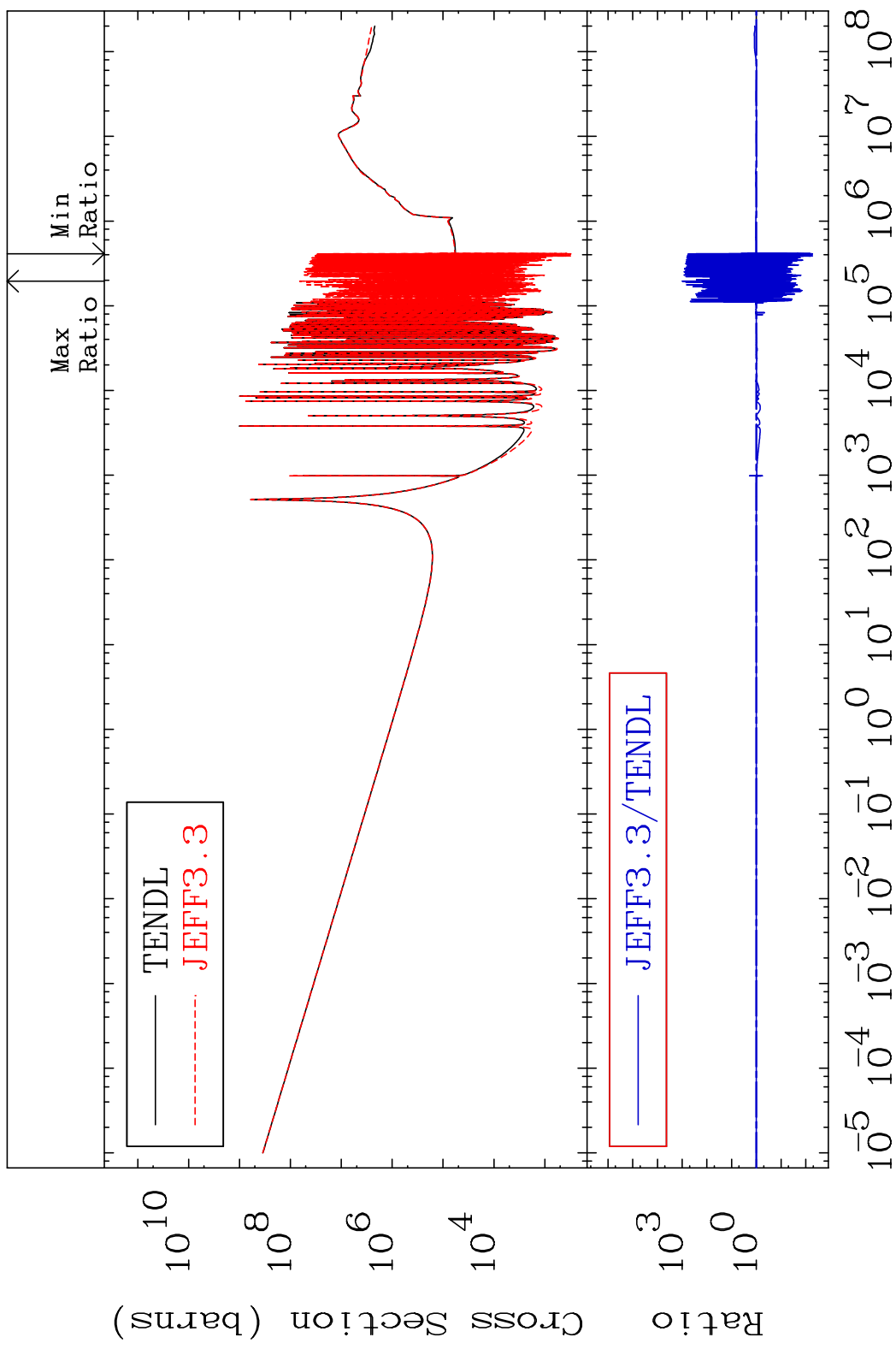
30-Zn-68

MAT 3037

Total photon (eV-barns)

30-Zn-68

Cross Section -99.47 To 9999. %

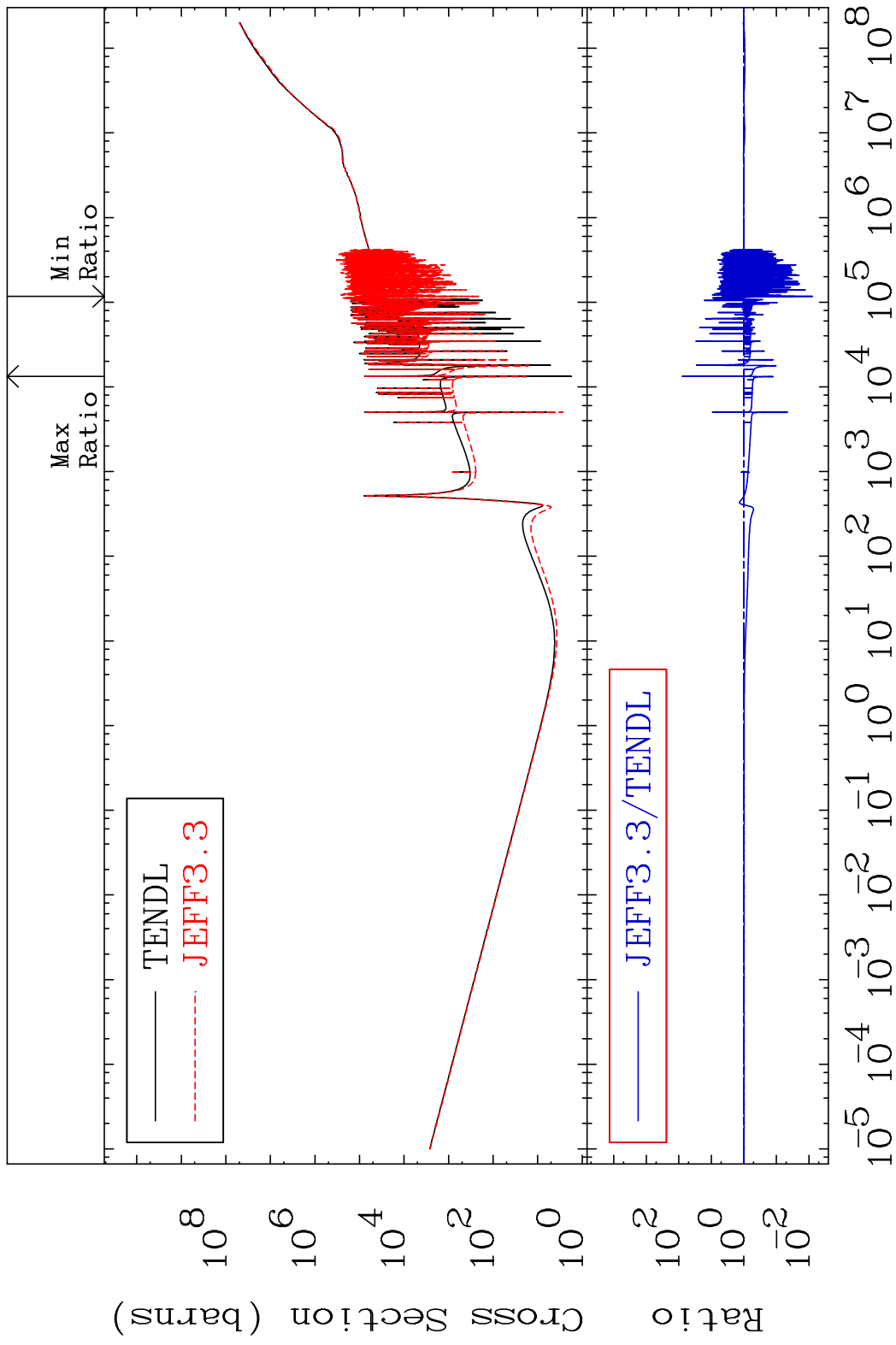


74

Incident Energy (eV)

30-Zn-68

MAT 3037 Total kinematic kerma (high limit) 30-Zn-68  
 Cross Section -99.23 To 7670. %



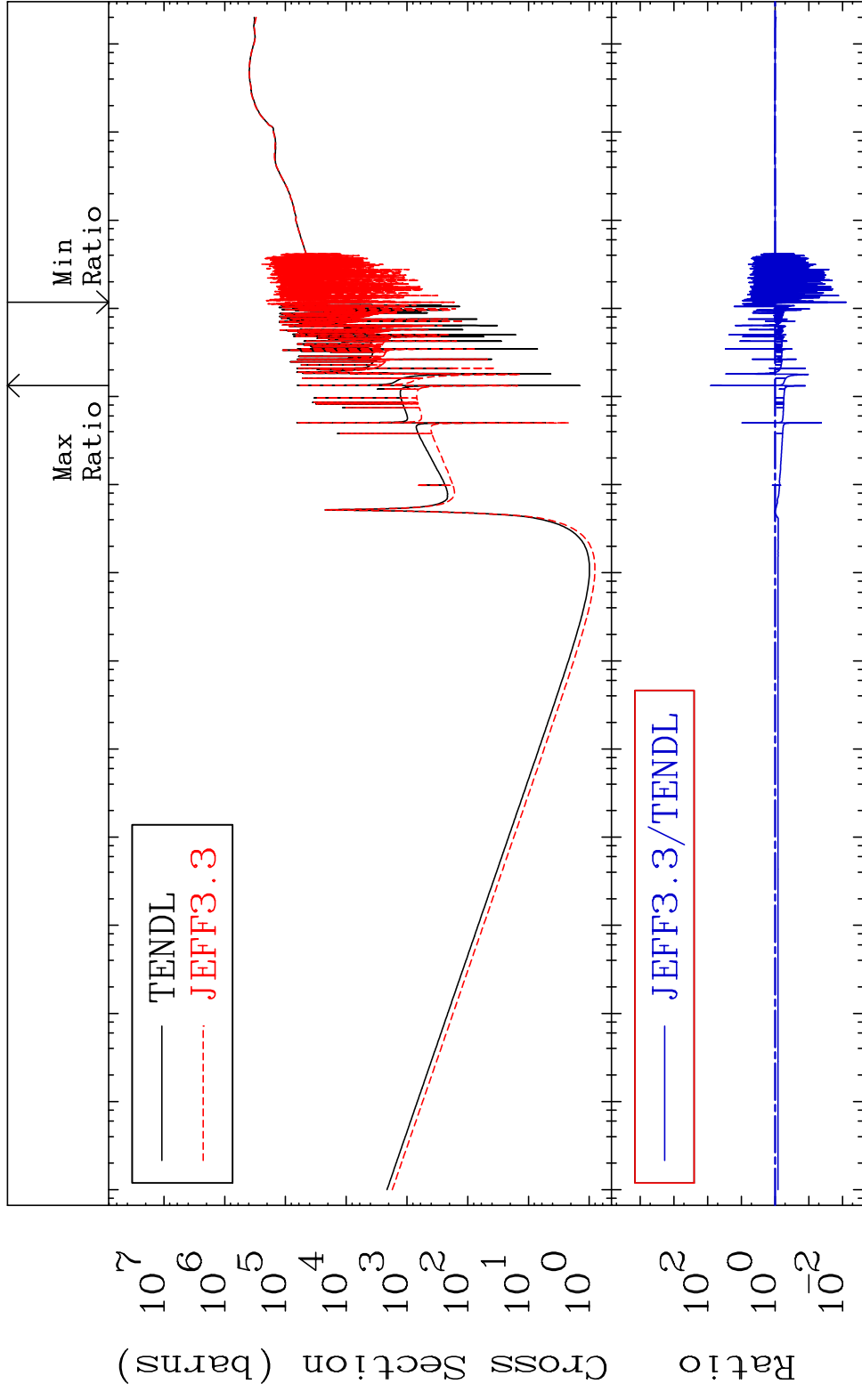
75 Incident Energy (eV) 30-Zn-68

MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.23 To 7973. %



76

Incident Energy (eV)

30-Zn-68

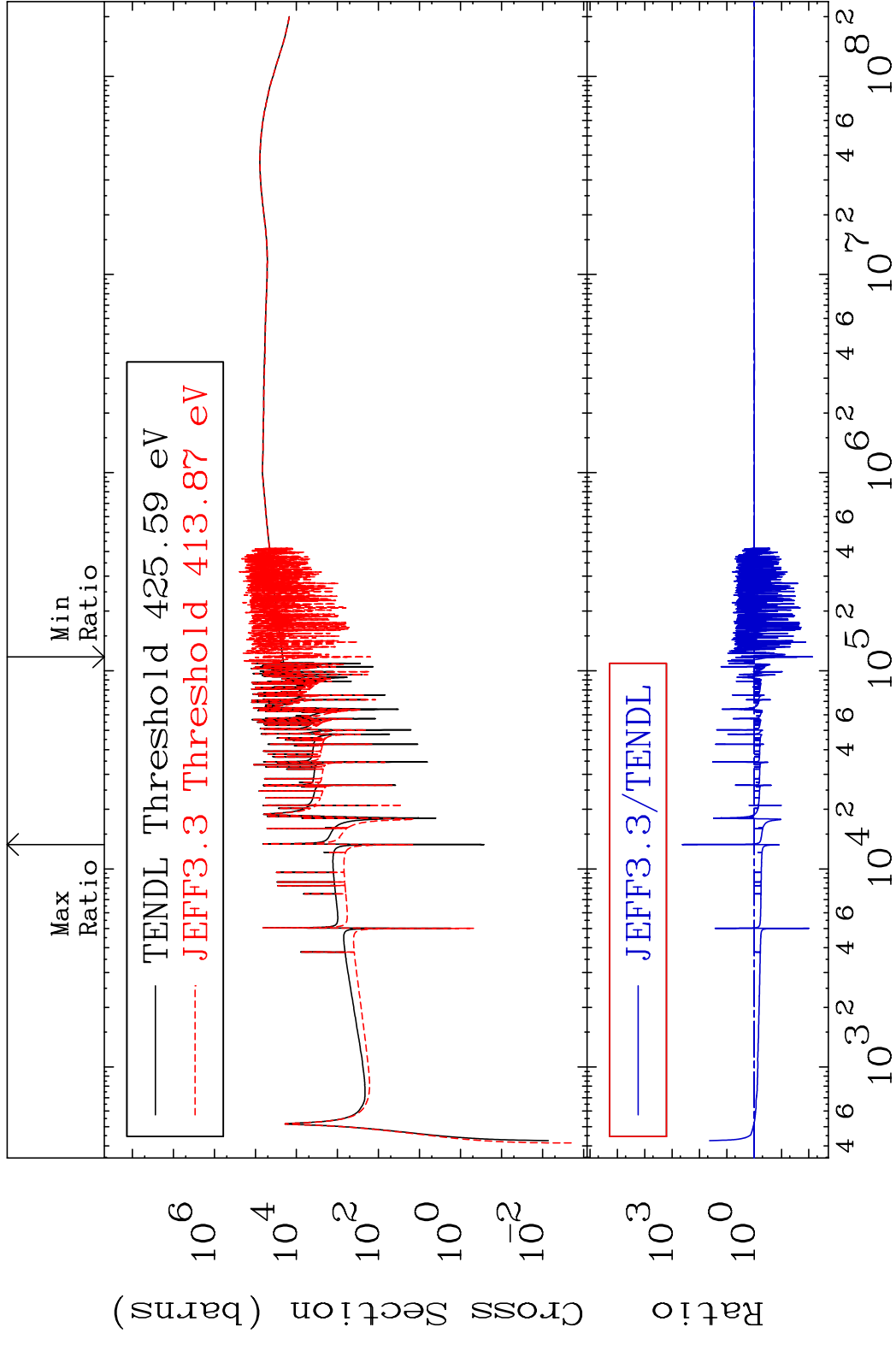
MAT 3037

Dpa elastic (mt2)

30-Zn-68

Cross Section

-99.27 To 9999. %



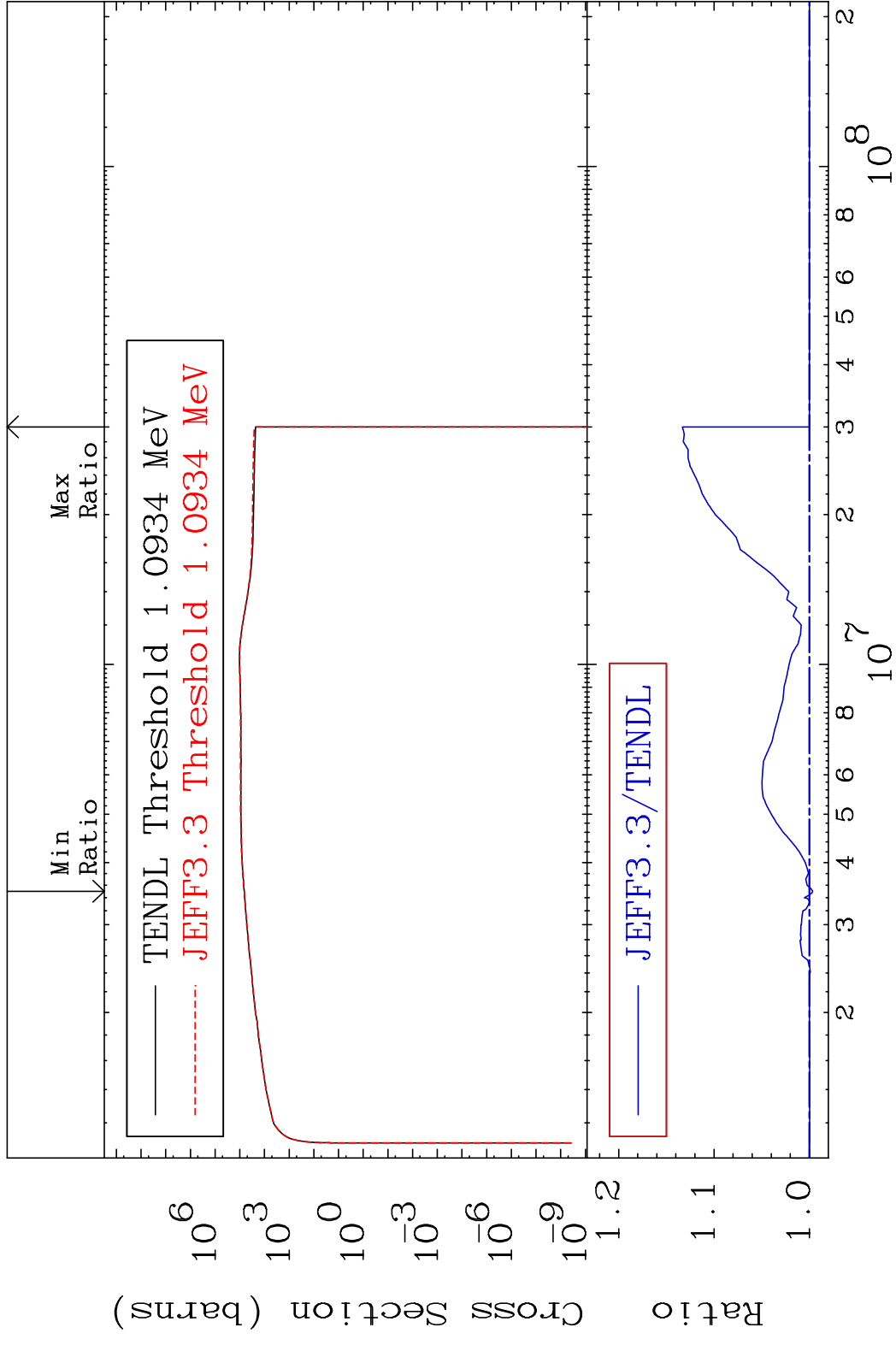
77

Incident Energy (eV)

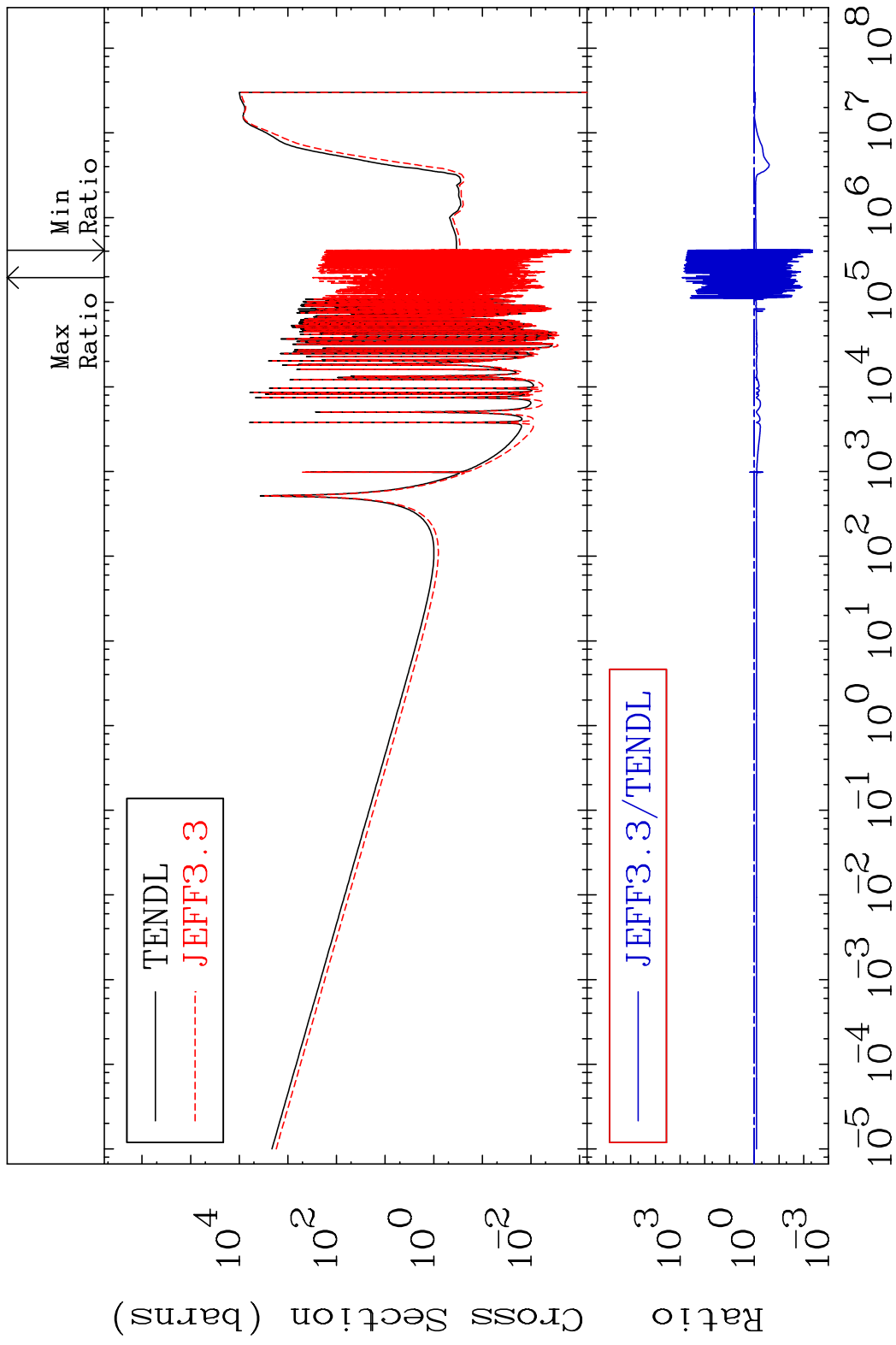
30-Zn-68

MAT 3037

Dpa inelastic (mt51-91) 30-Zn-68  
Cross Section -0.332 To 13.32 %



MAT 3037 Dpa disappearance (mt102 -120) 30-Zn-68  
 Cross Section -99.56 To 9999. %





MAT 3037 (n, p) : 29-Cu-68g 30-Zn-68  
 Radionuclide Production Cross Section 16.69 %

