

Program Complot
(Version 2021-1)

by

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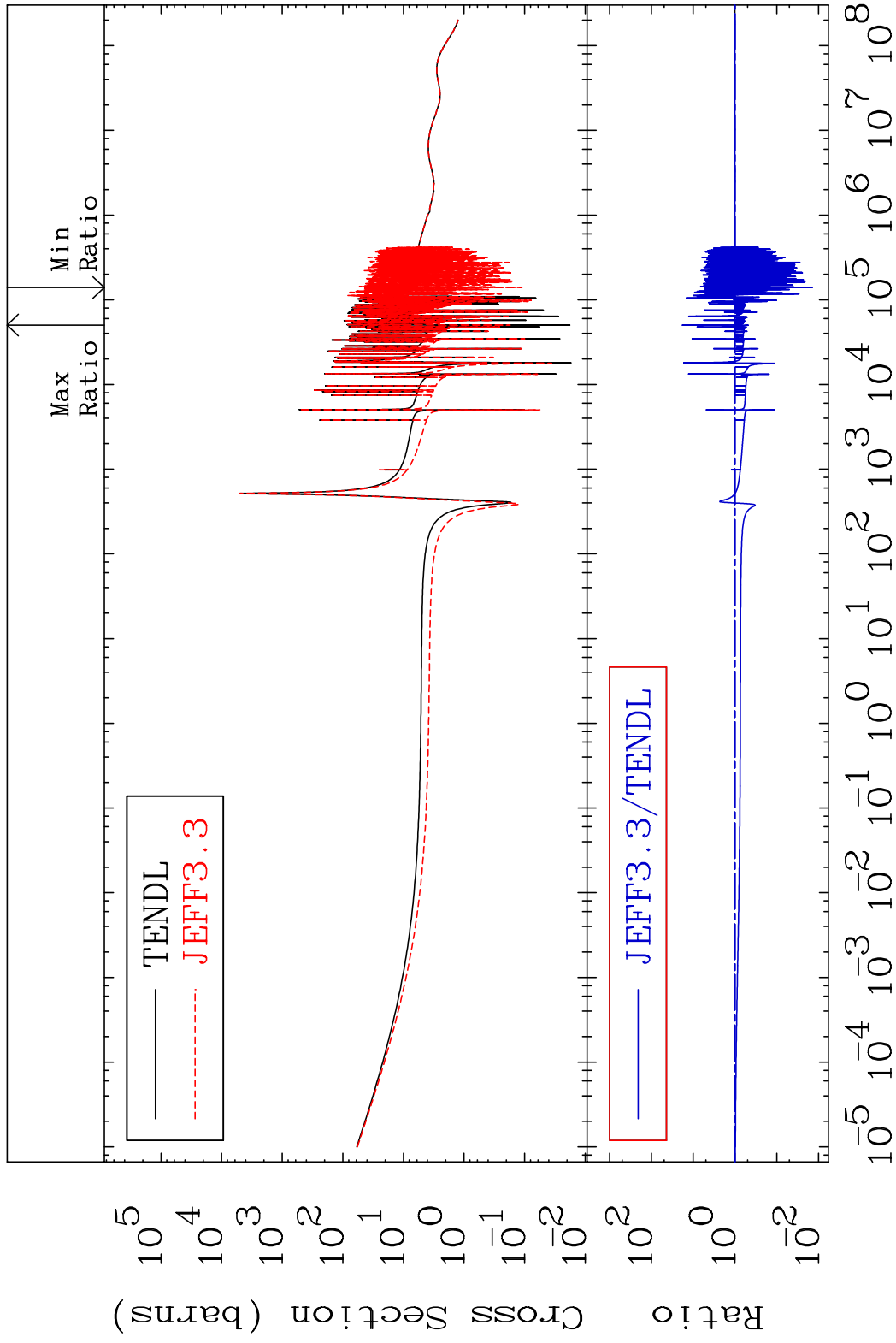
Press Mouse Button to Start

MAT 3037

Total

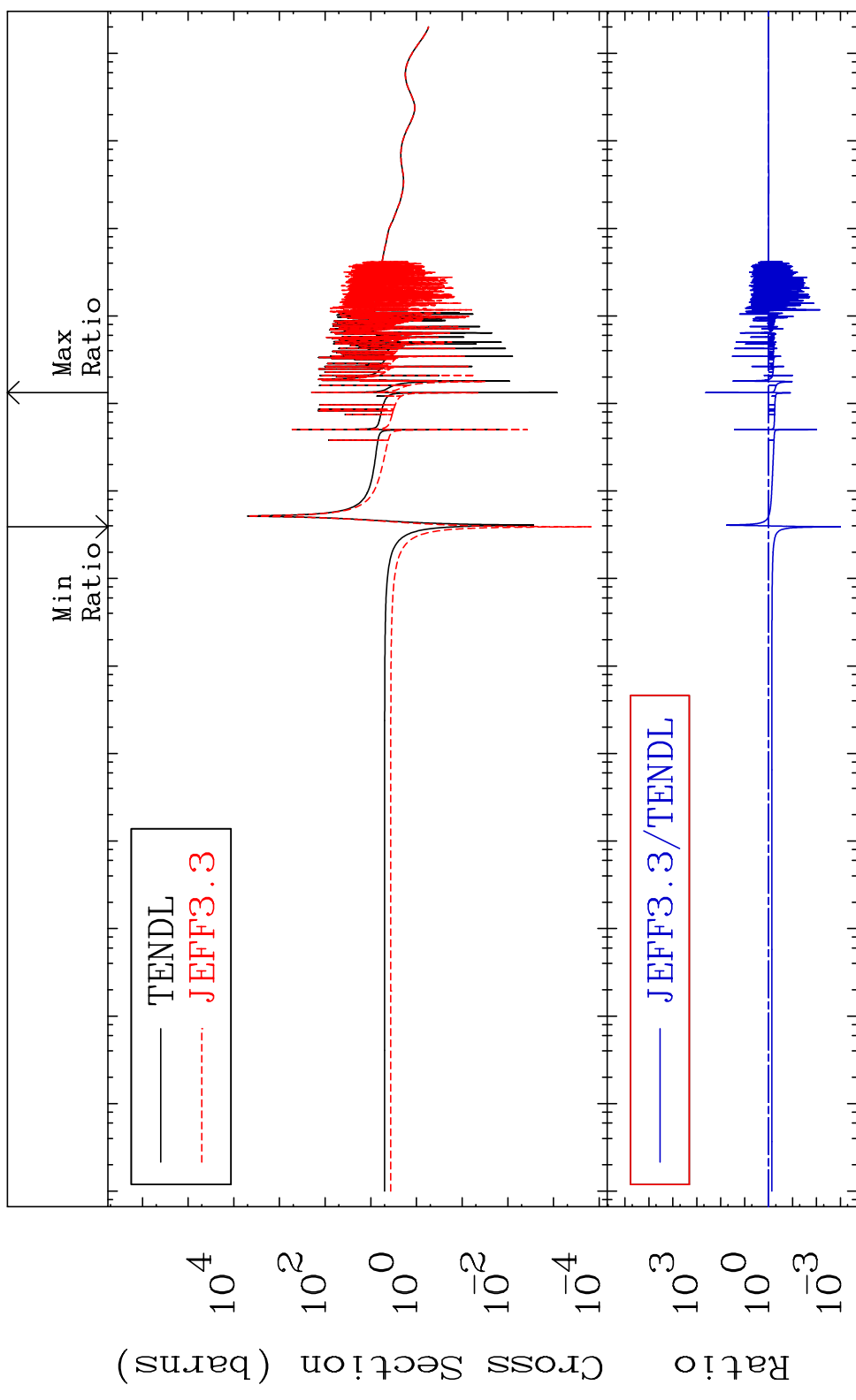
30-Zn-68

Cross Section -98.62 To 1720. %



MAT 3037

Elastic Cross Section -99.90 To 9999. % 30-Zn-68



2

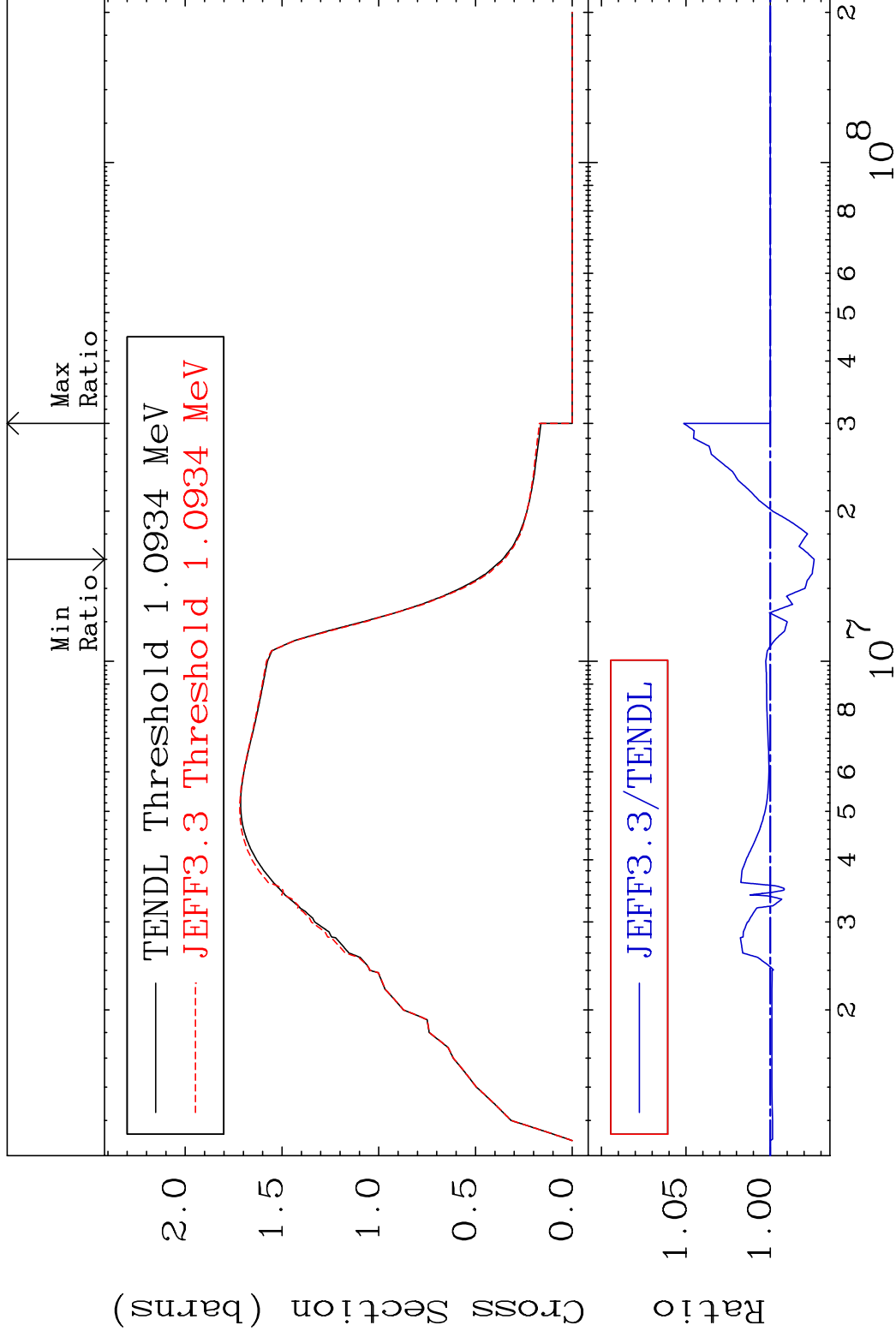
Incident Energy (eV) 30-Zn-68

MAT 3037

Inelastic

30-Zn-68

Cross Section -2.592 To 5.133 %

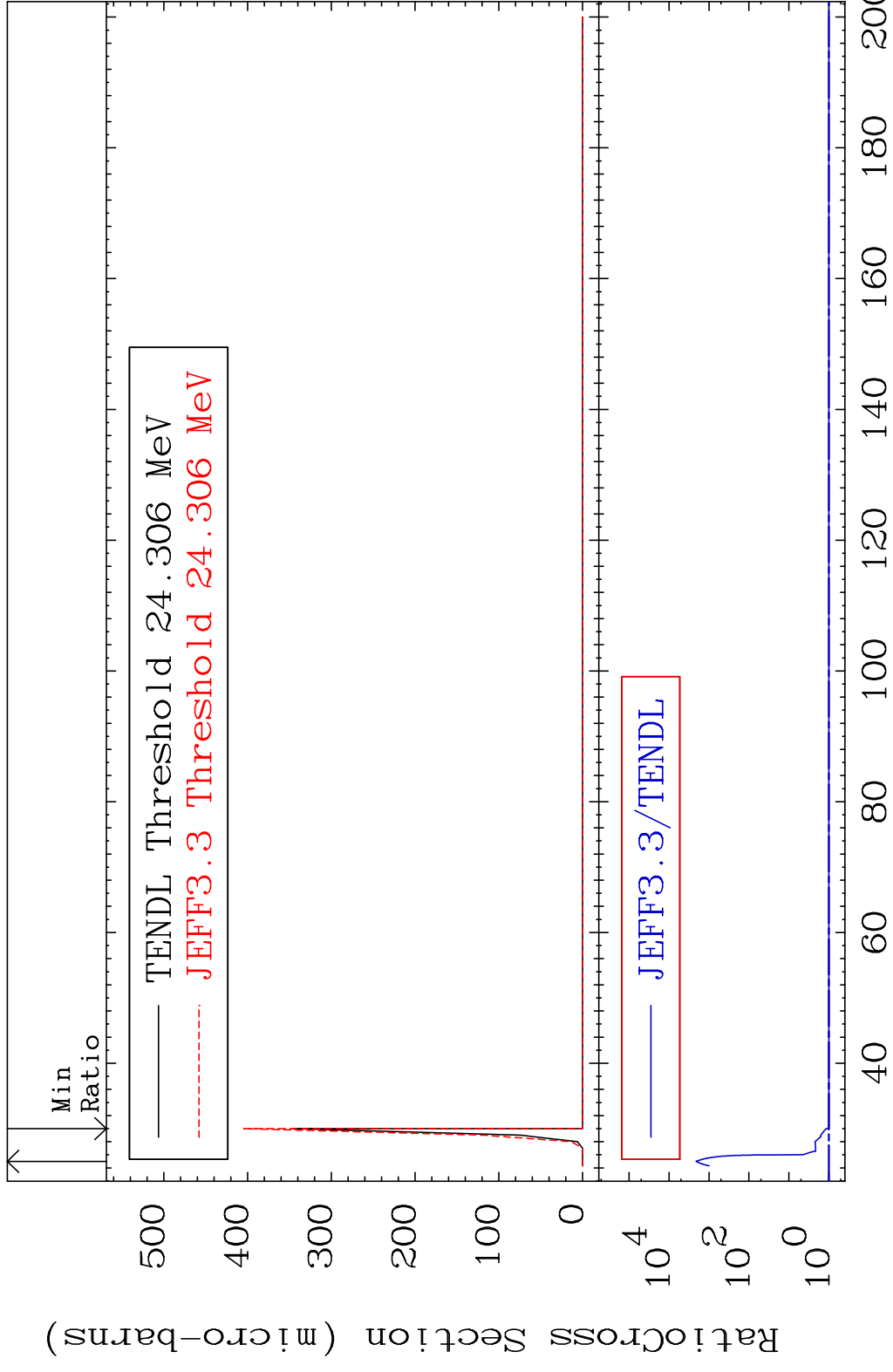


3

Incident Energy (eV)

30-Zn-68

MAT 3037 (n,2n) d 30-Zn-68
 Cross Section 0.000 To 9999. %

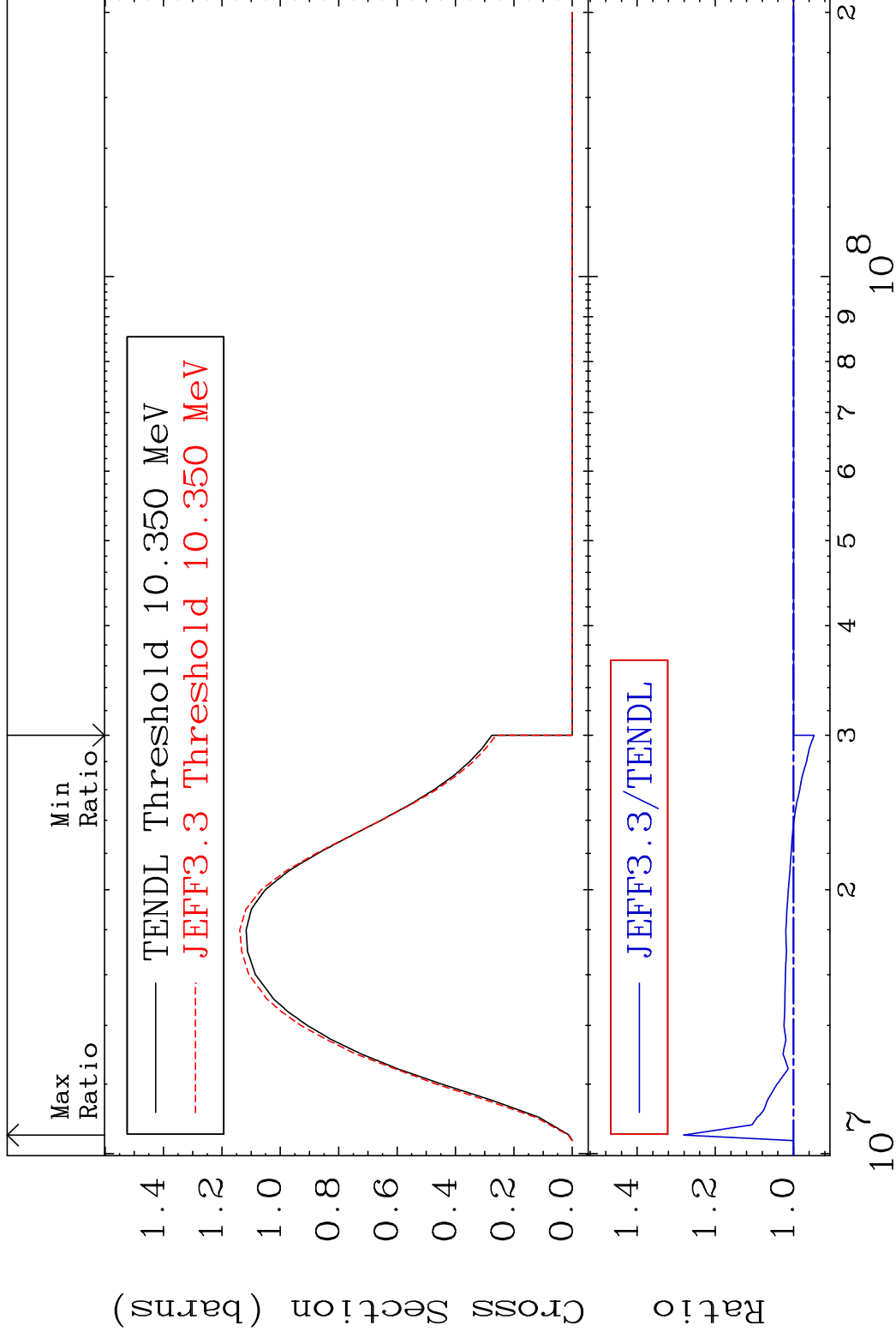


MAT 3037

(n,2n)

30-Zn-68

Cross Section -5.266 To 28.10 %

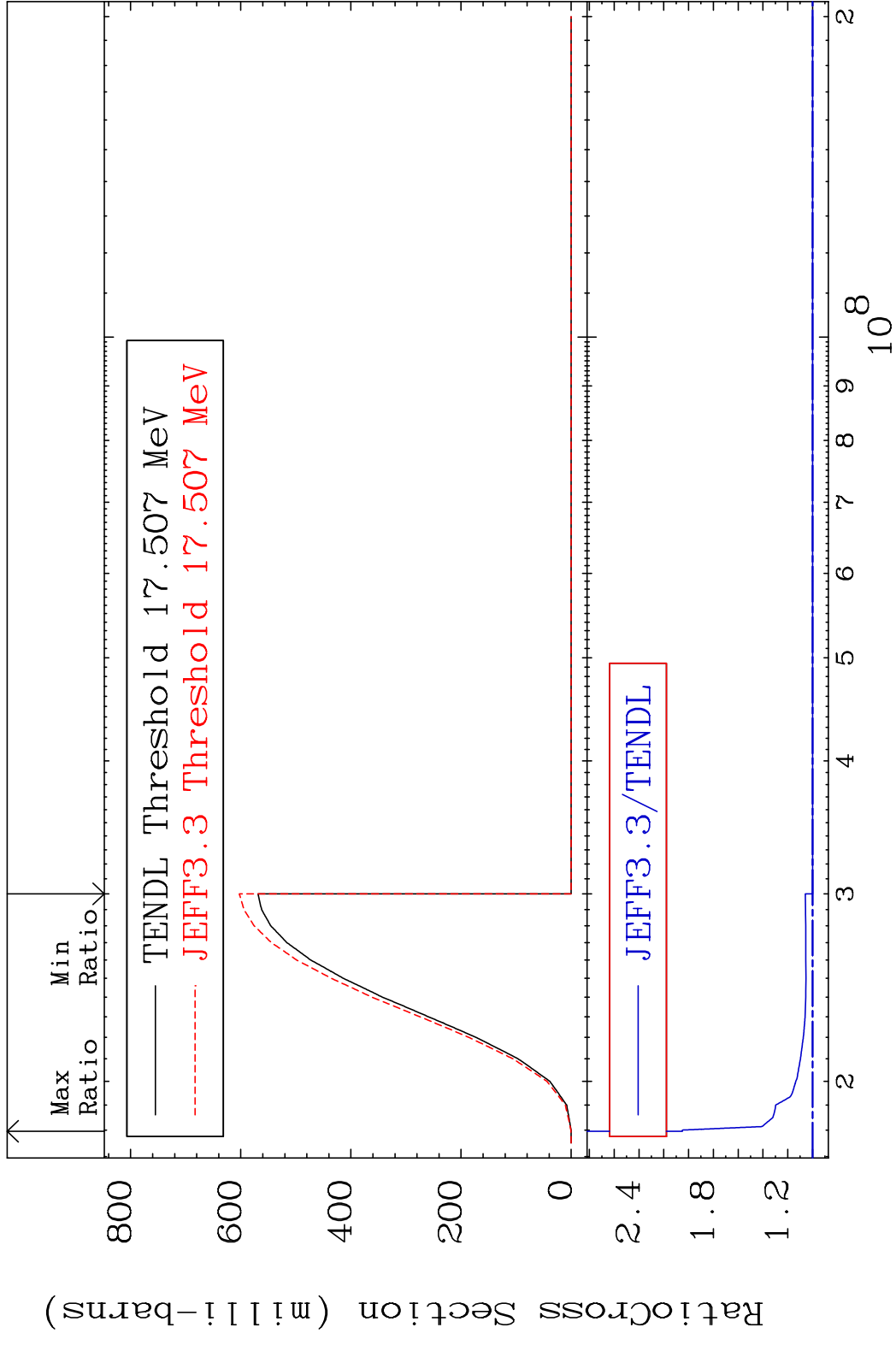


5

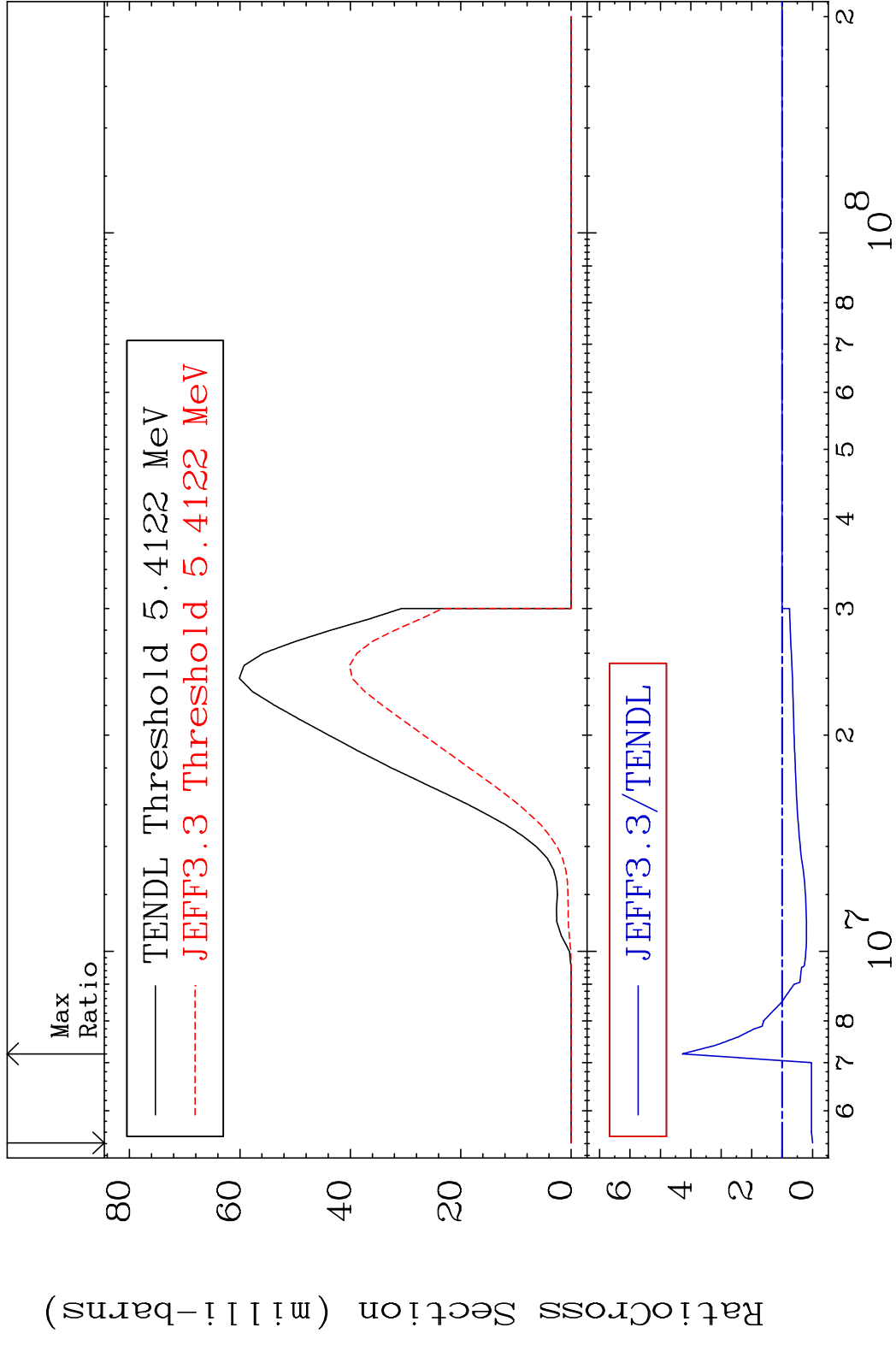
Incident Energy (eV)

30-Zn-68

MAT 3037 (n,3n) 30-Zn-68
 Cross Section 0.000 To 105.0 %

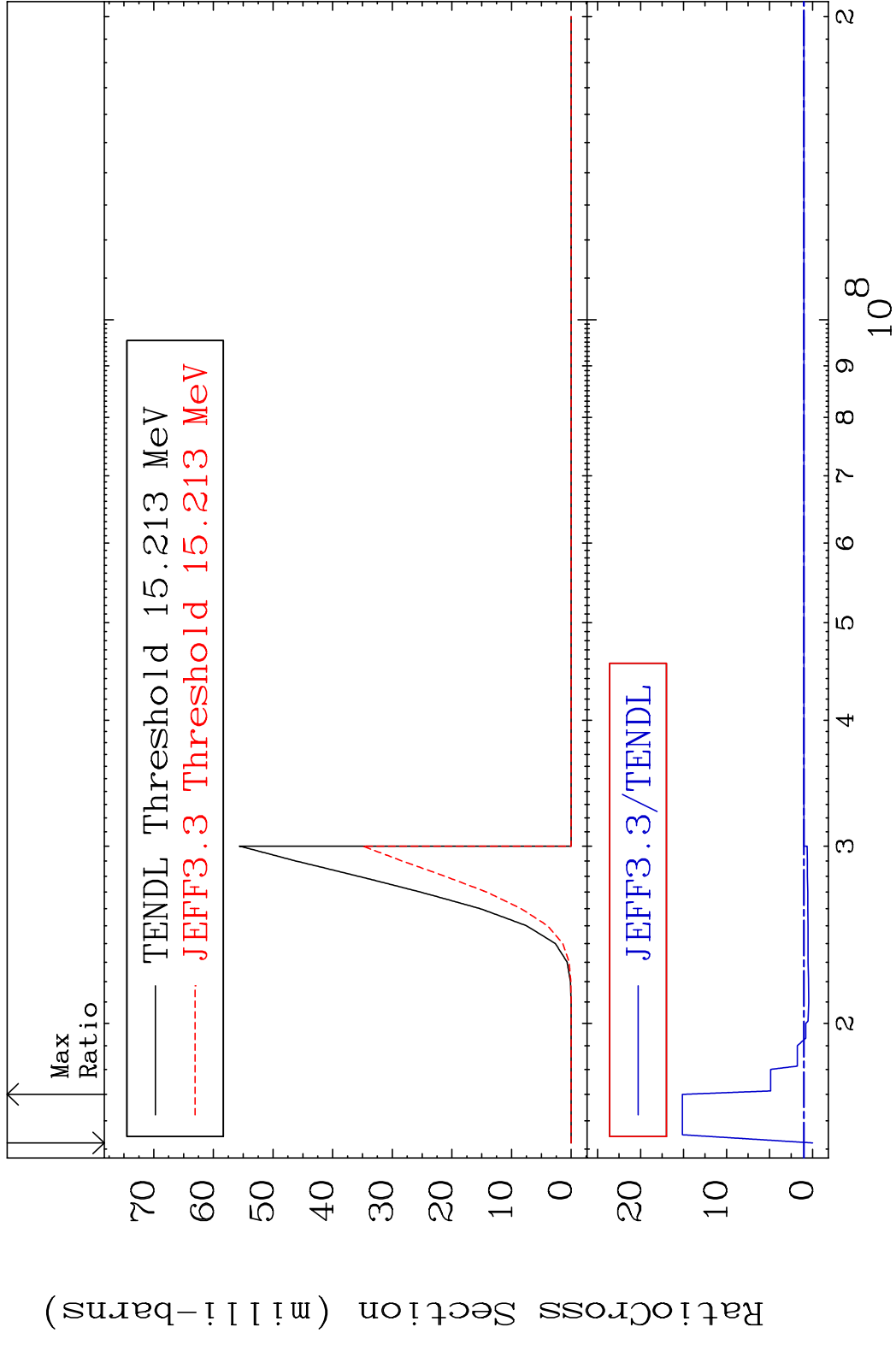


MAT 3037 (n, n') α 30-Zn-68
 Cross Section -100.0 To 327.9 %

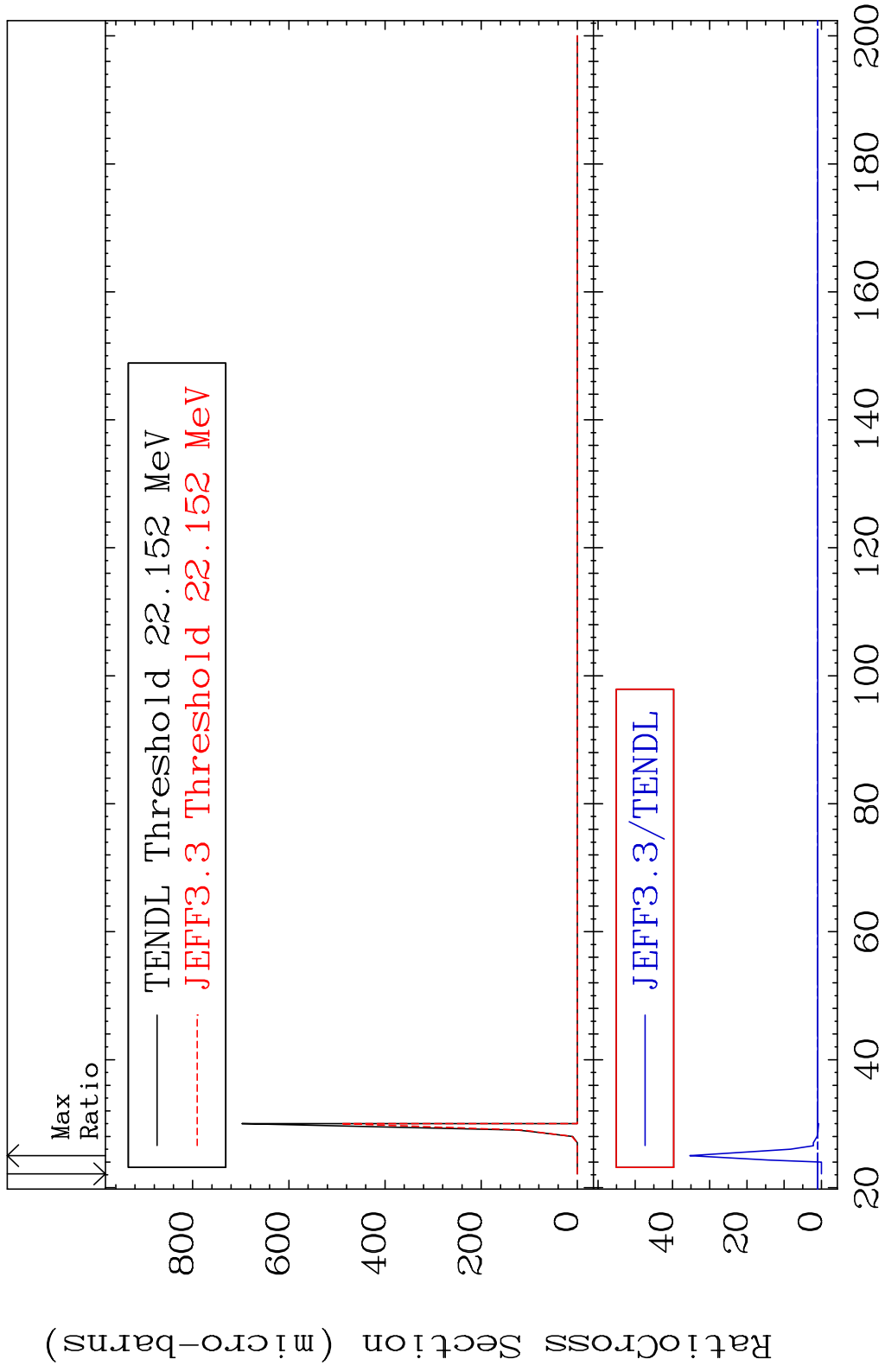


7 7 8 2

MAT 3037 (n,2n) α 30-Zn-68
 Cross Section -100.0 To 1414. %



MAT 3037 (n,3n) α 30-Zn-68
 Cross Section -100.0 To 3435. %

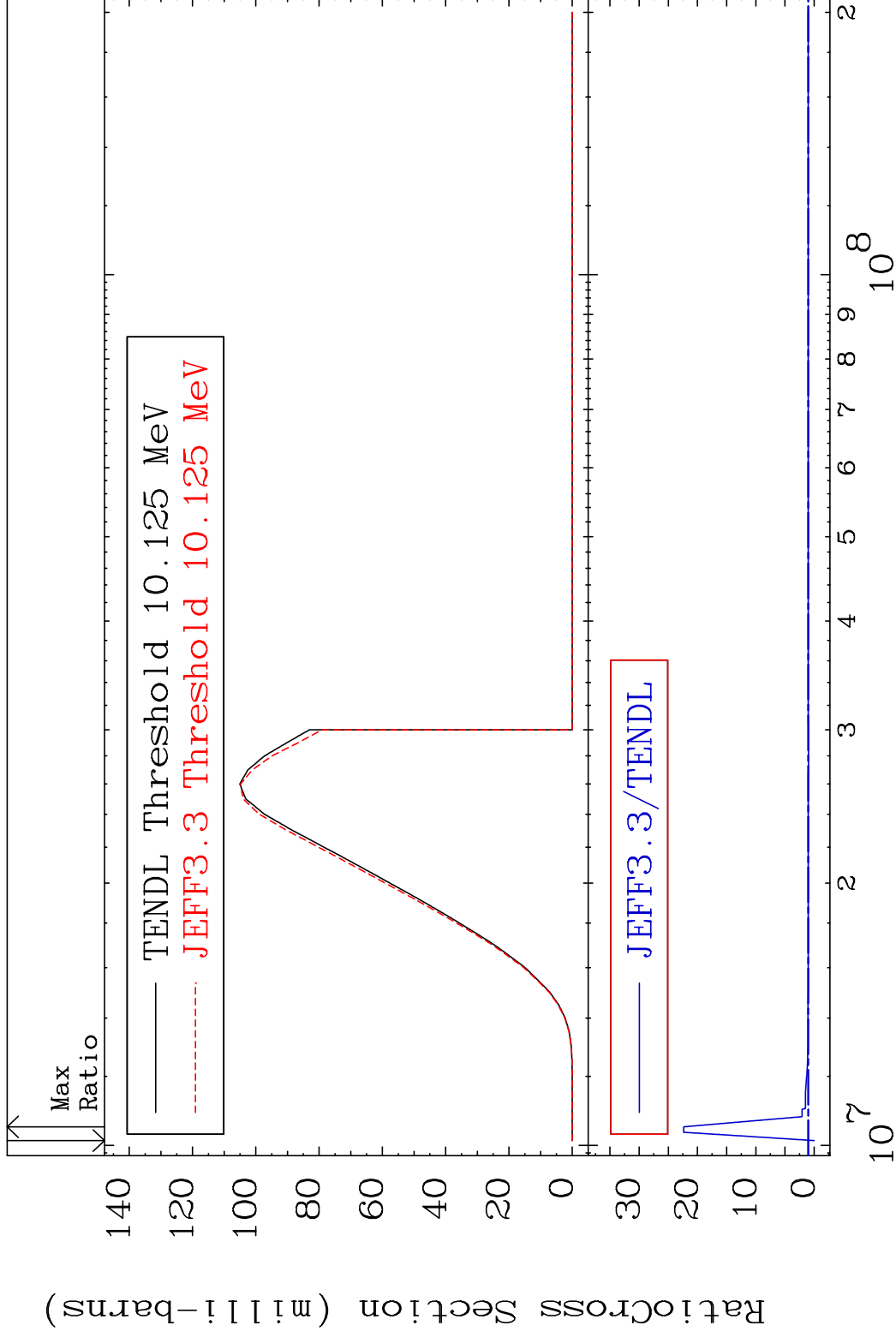


MAT 3037

(n, n') p

30-Zn-68

Cross Section -100.0 To 2137. %

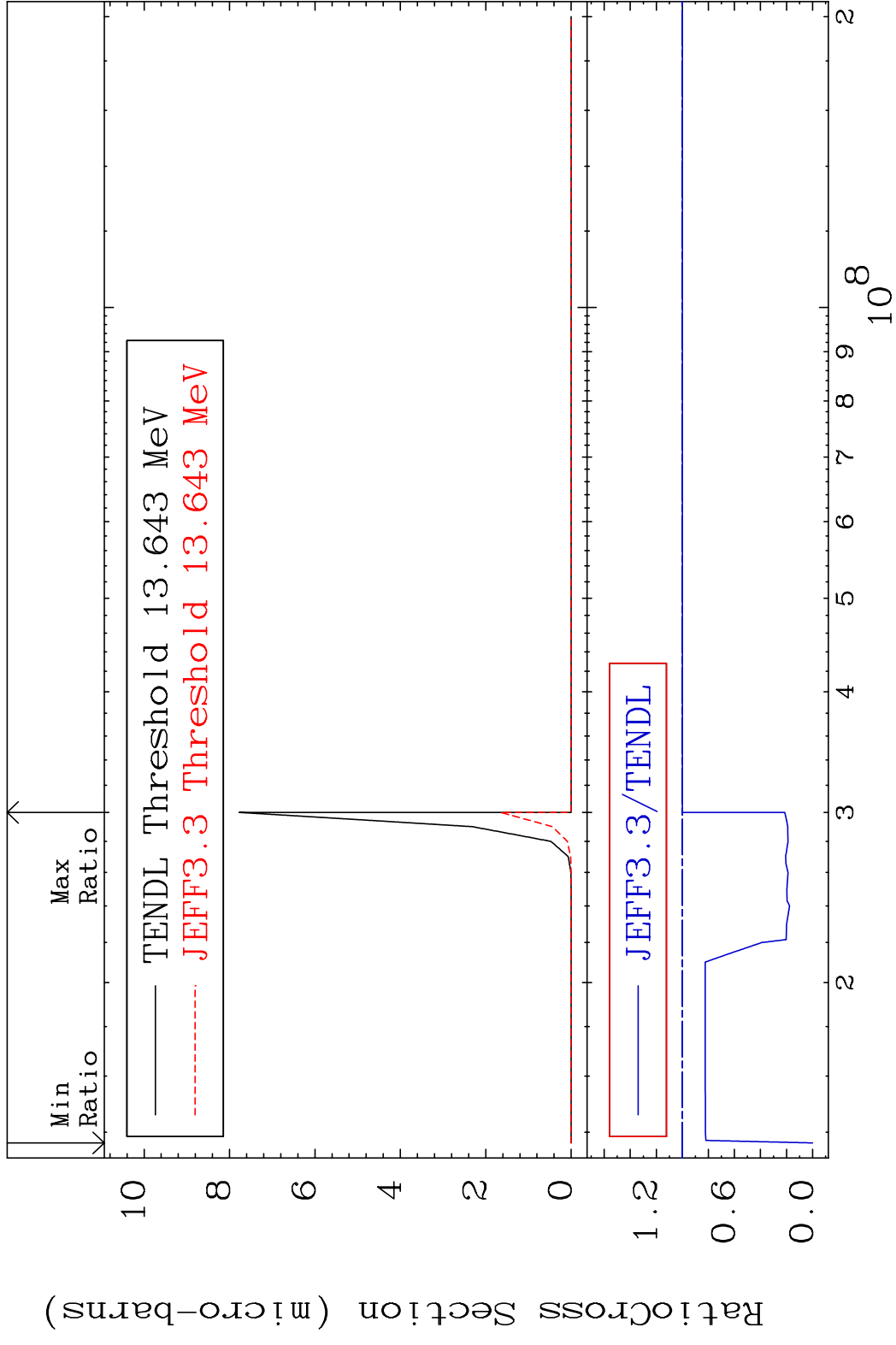


10

Incident Energy (eV)

30-Zn-68

MAT 3037 (n, n') 2α 30-Zn-68
 Cross Section -100.0 To 0.000 %

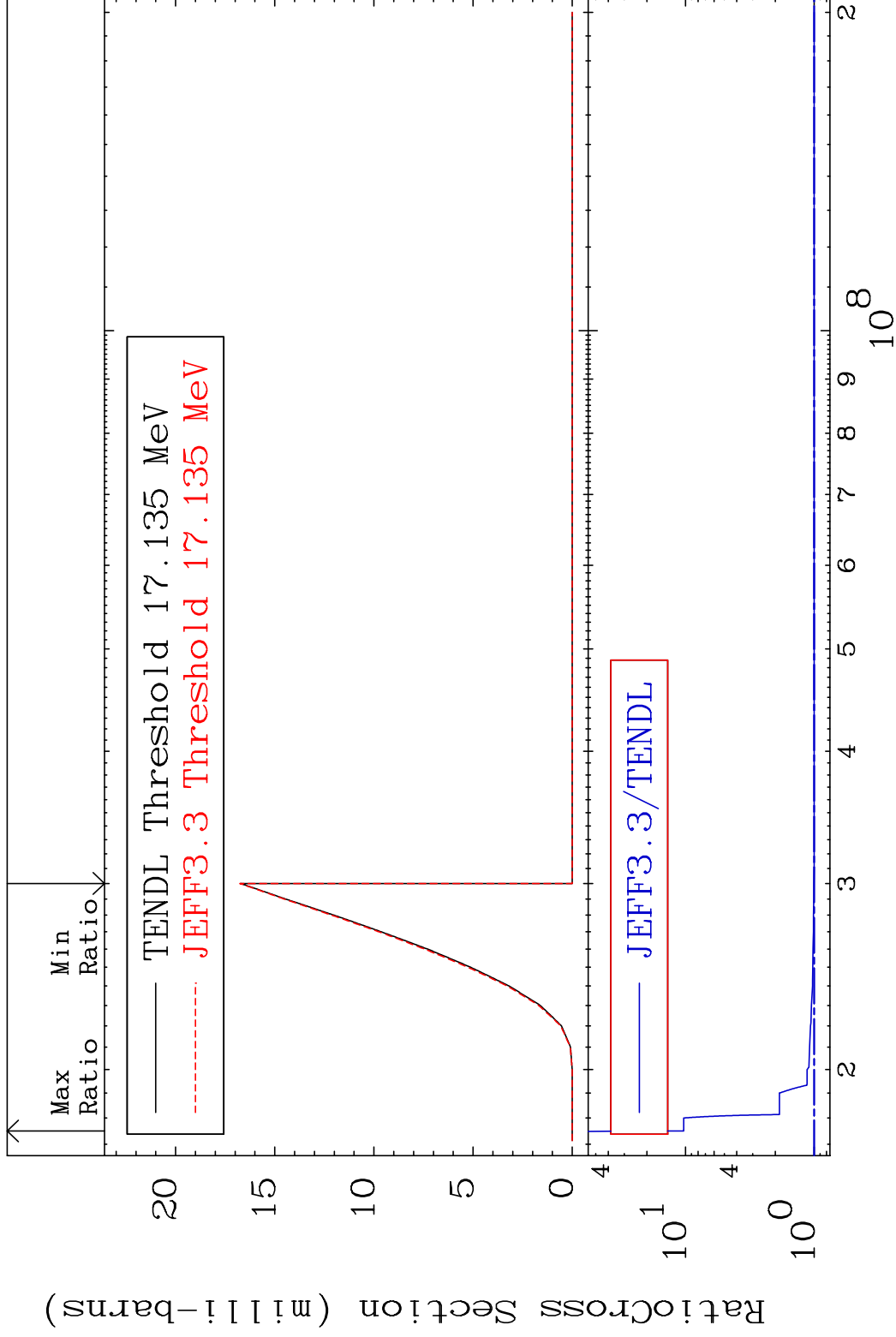


MAT 3037

(n, n') d

30-Zn-68

Cross Section 0.000 To 935.5 %



12

Incident Energy (eV)

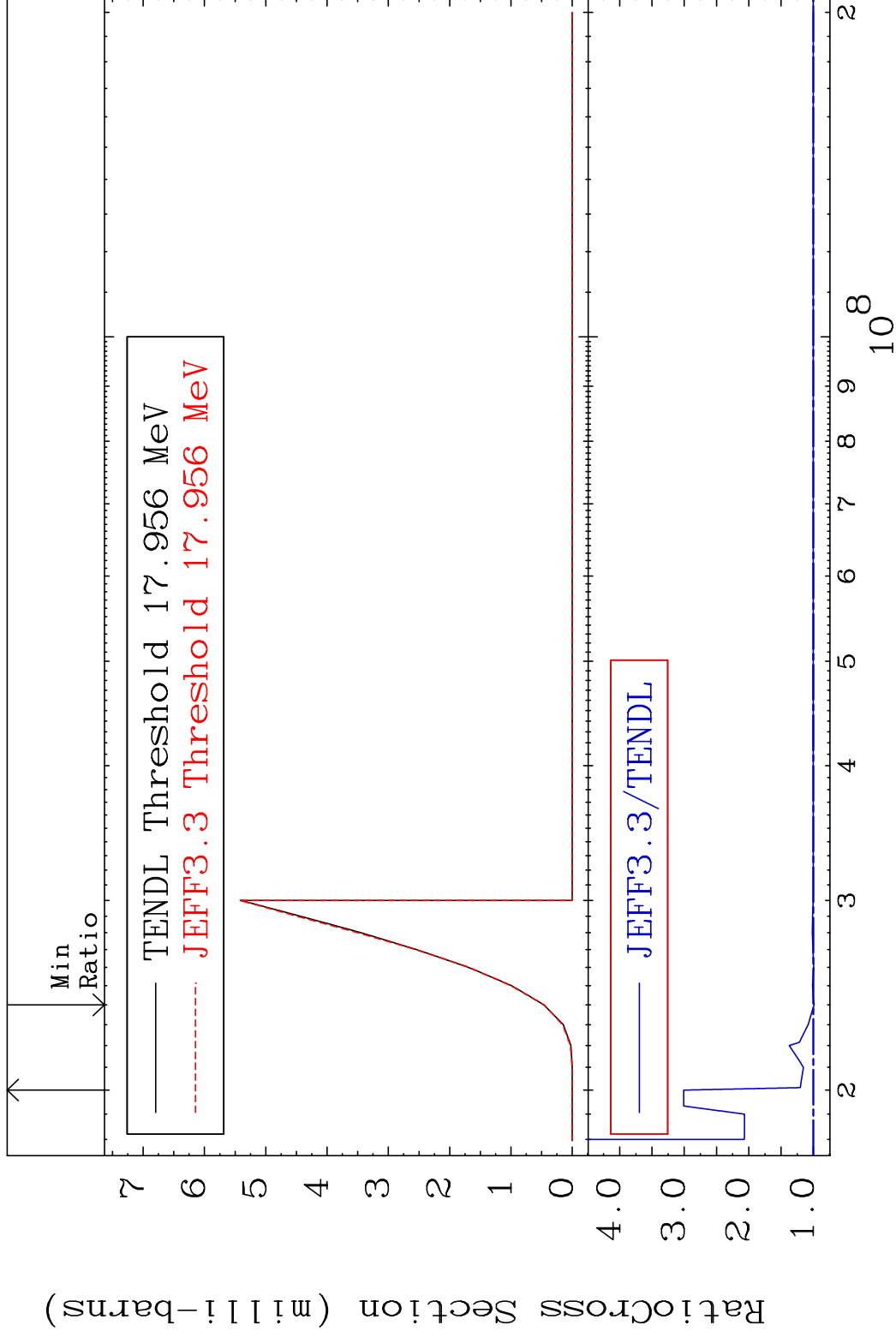
30-Zn-68

MAT 3037

(n, n') t

30-Zn-68

Cross Section -1.167 To 200.9 %

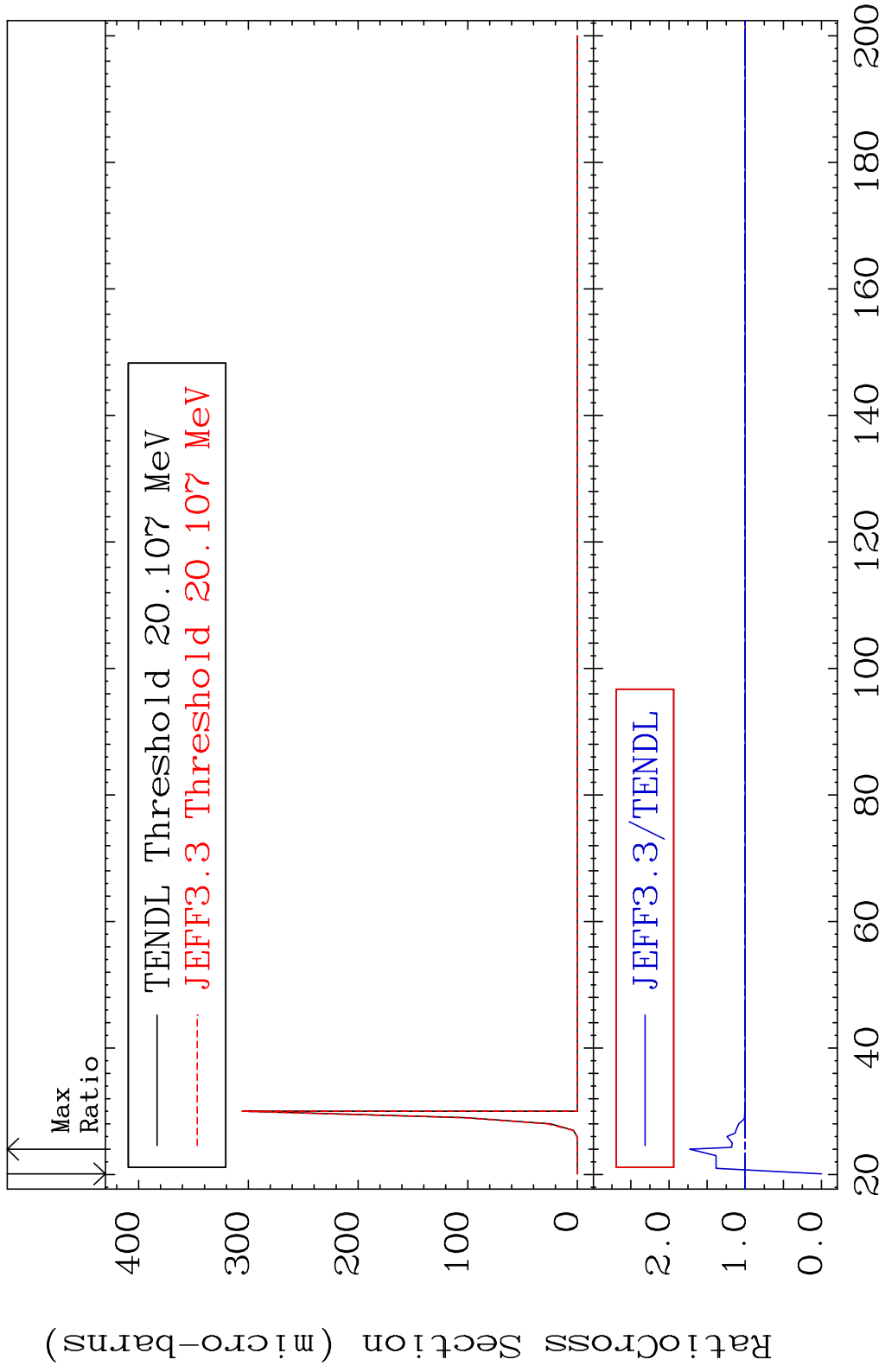


MAT 3037

(n,n') He-3

30-Zn-68

Cross Section -100.0 To 72.74 %

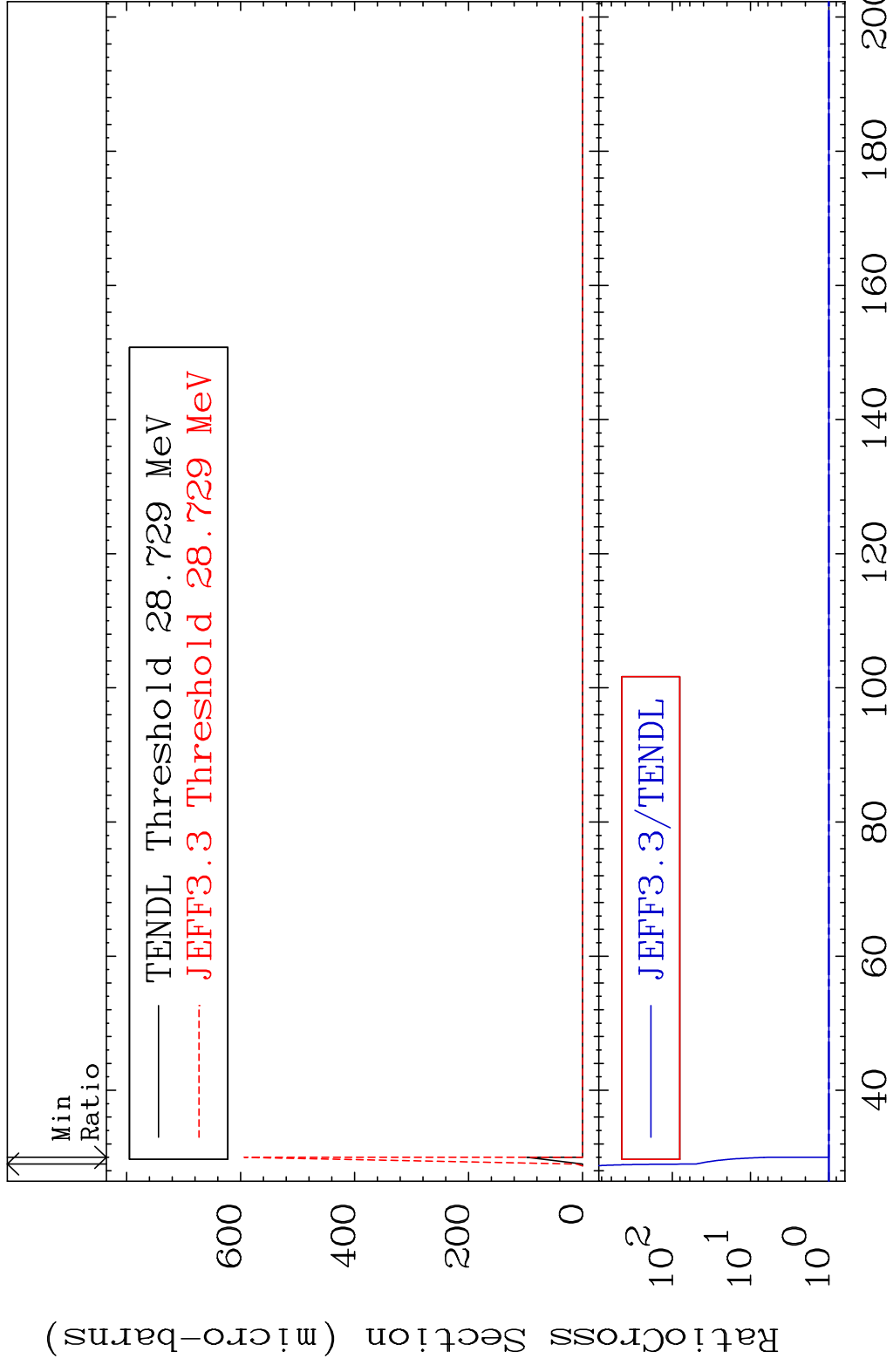


14

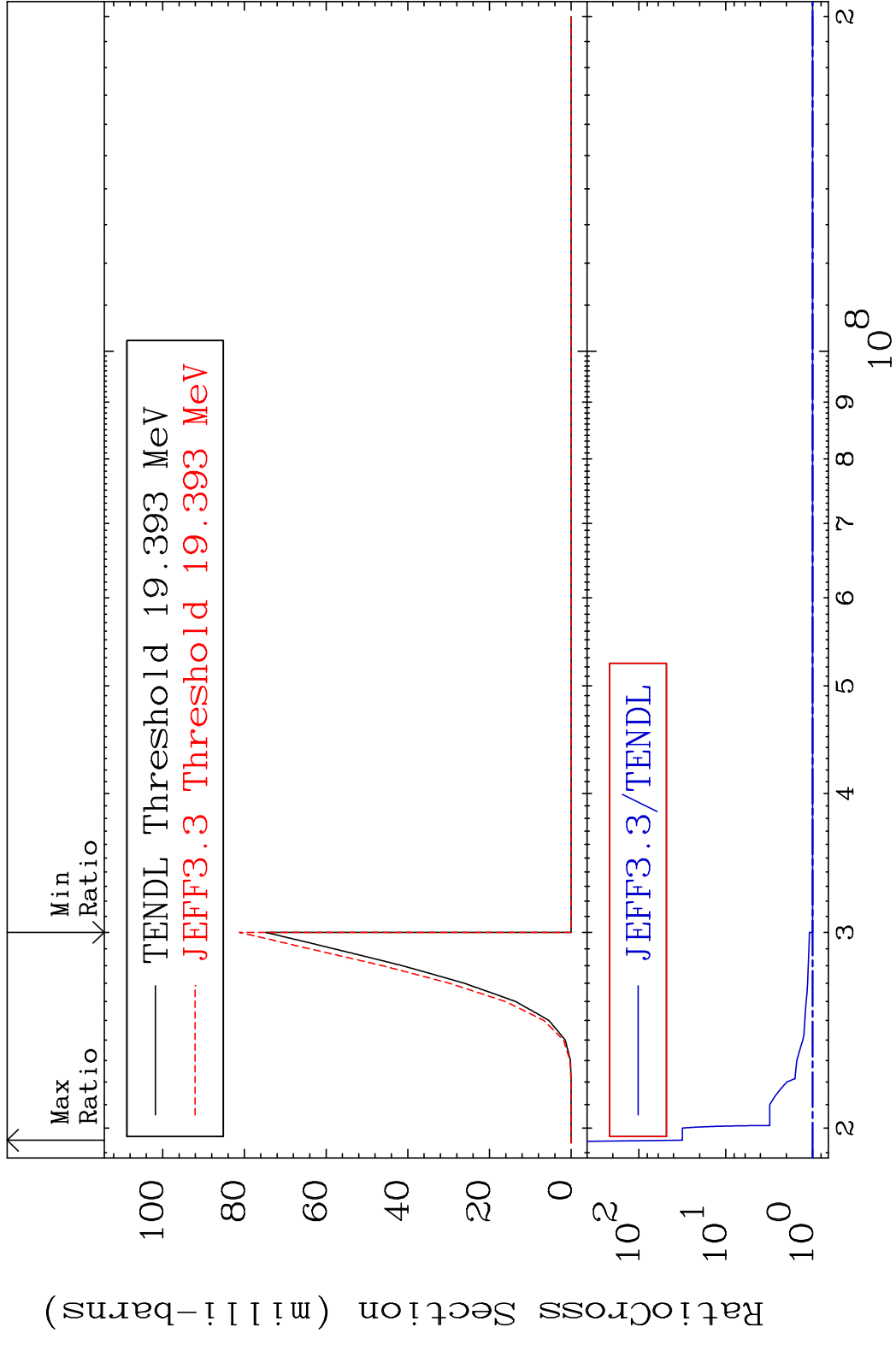
Incident Energy (MeV)

30-Zn-68

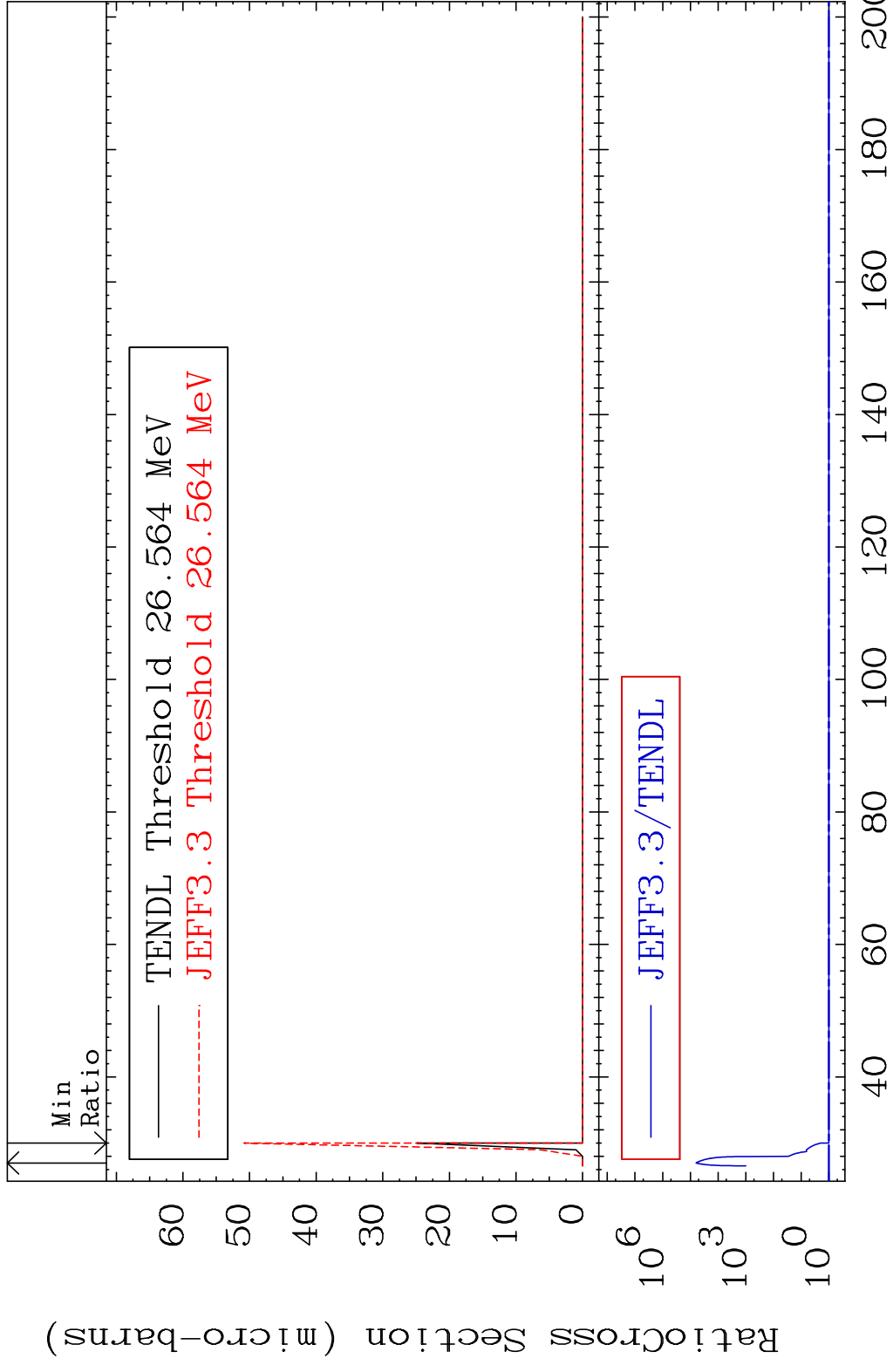
MAT 3037 (n,4n) 30-Zn-68
 Cross Section 0.000 To 4882. %



MAT 3037 (n,2n) p 30-Zn-68
 Cross Section 0.000 To 3061. %

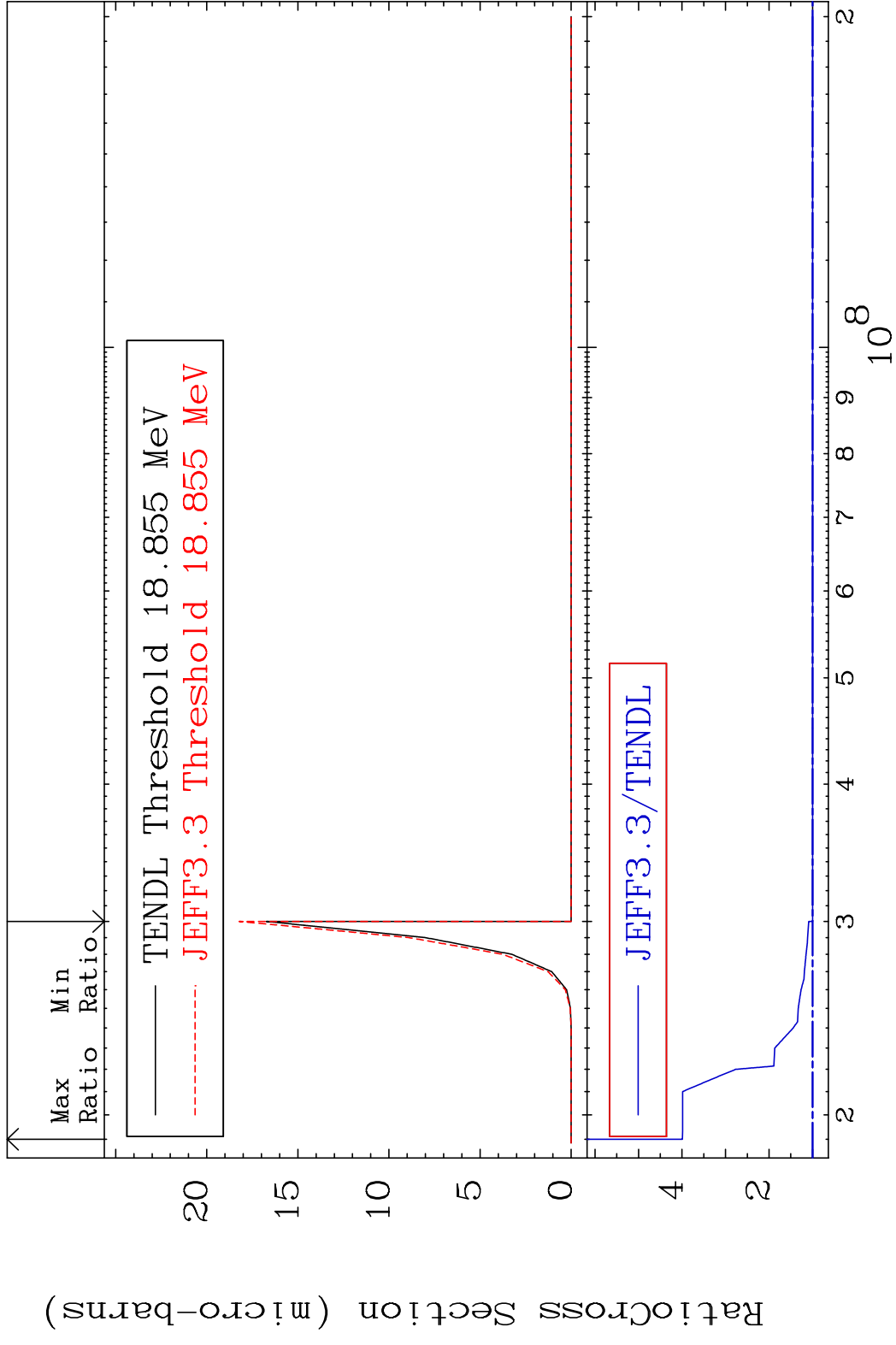


MAT 3037 (n,3n) p 30-Zn-68
 Cross Section 0.000 To 9999. %



MAT 3037

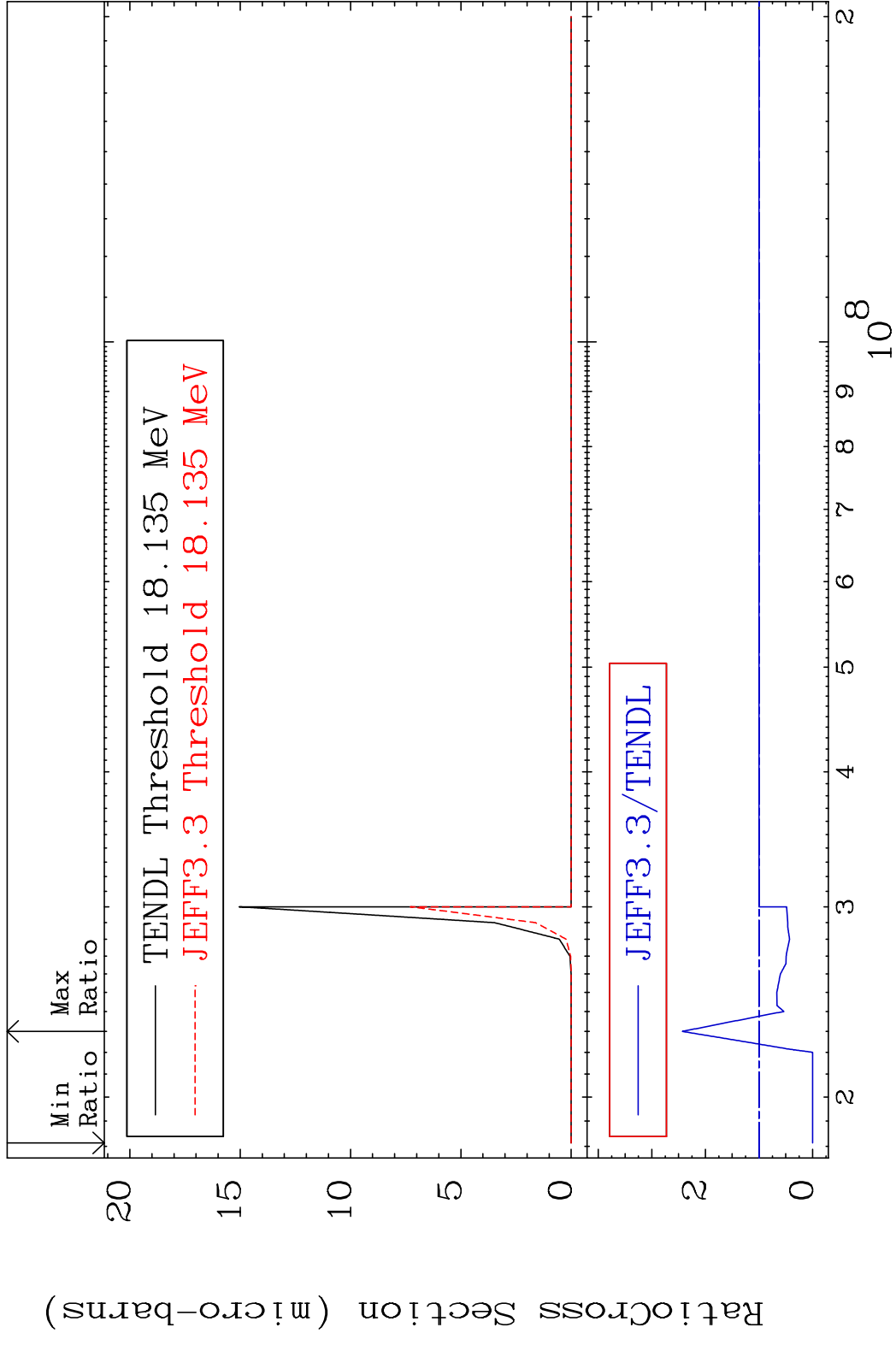
(n,2n) p 30-Zn-68
Cross Section 0.000 To 299.2 %



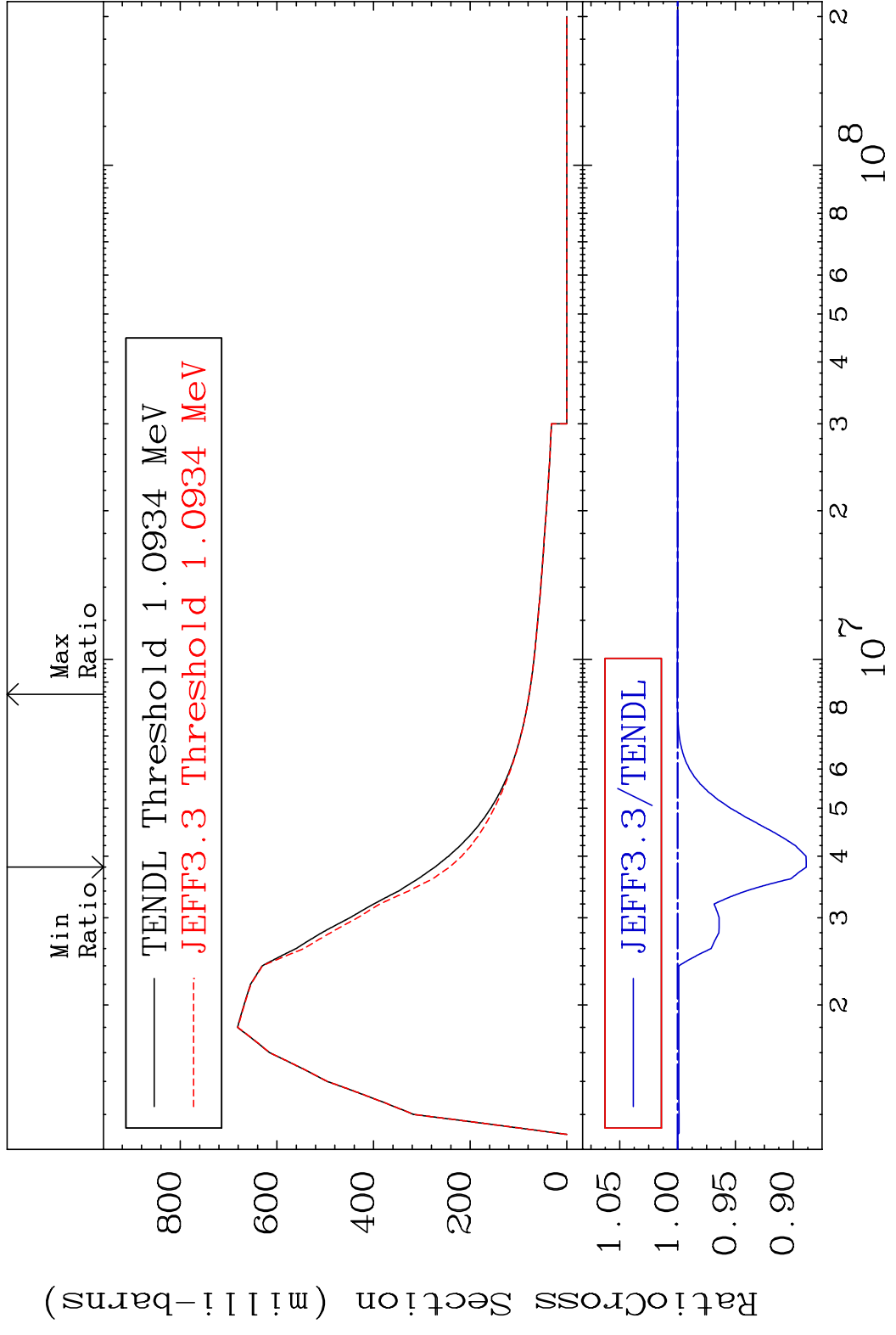
18

30-Zn-68

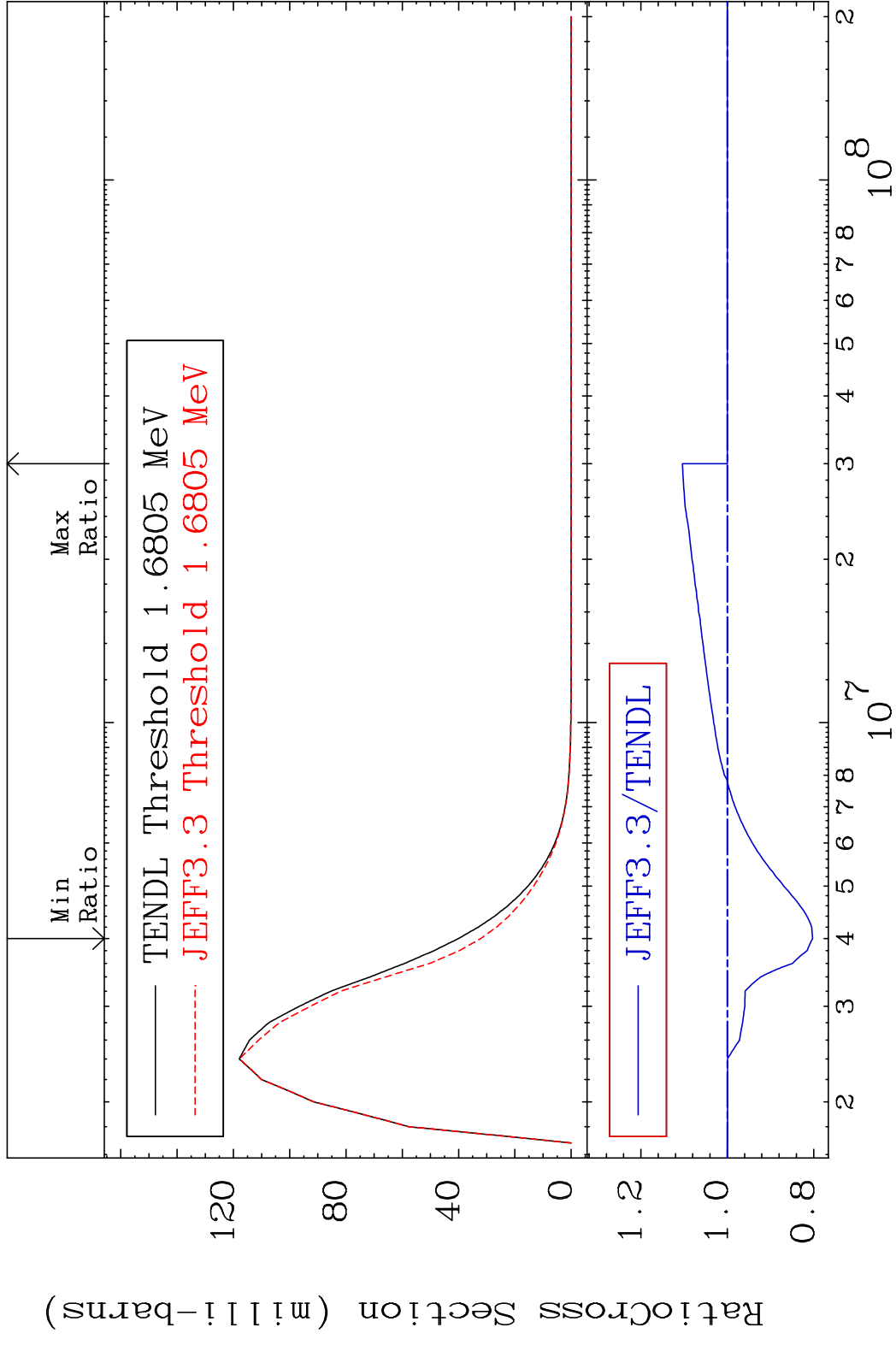
MAT 3037 (n,n') p α 30-Zn-68
 Cross Section -100.0 To 143.0 %



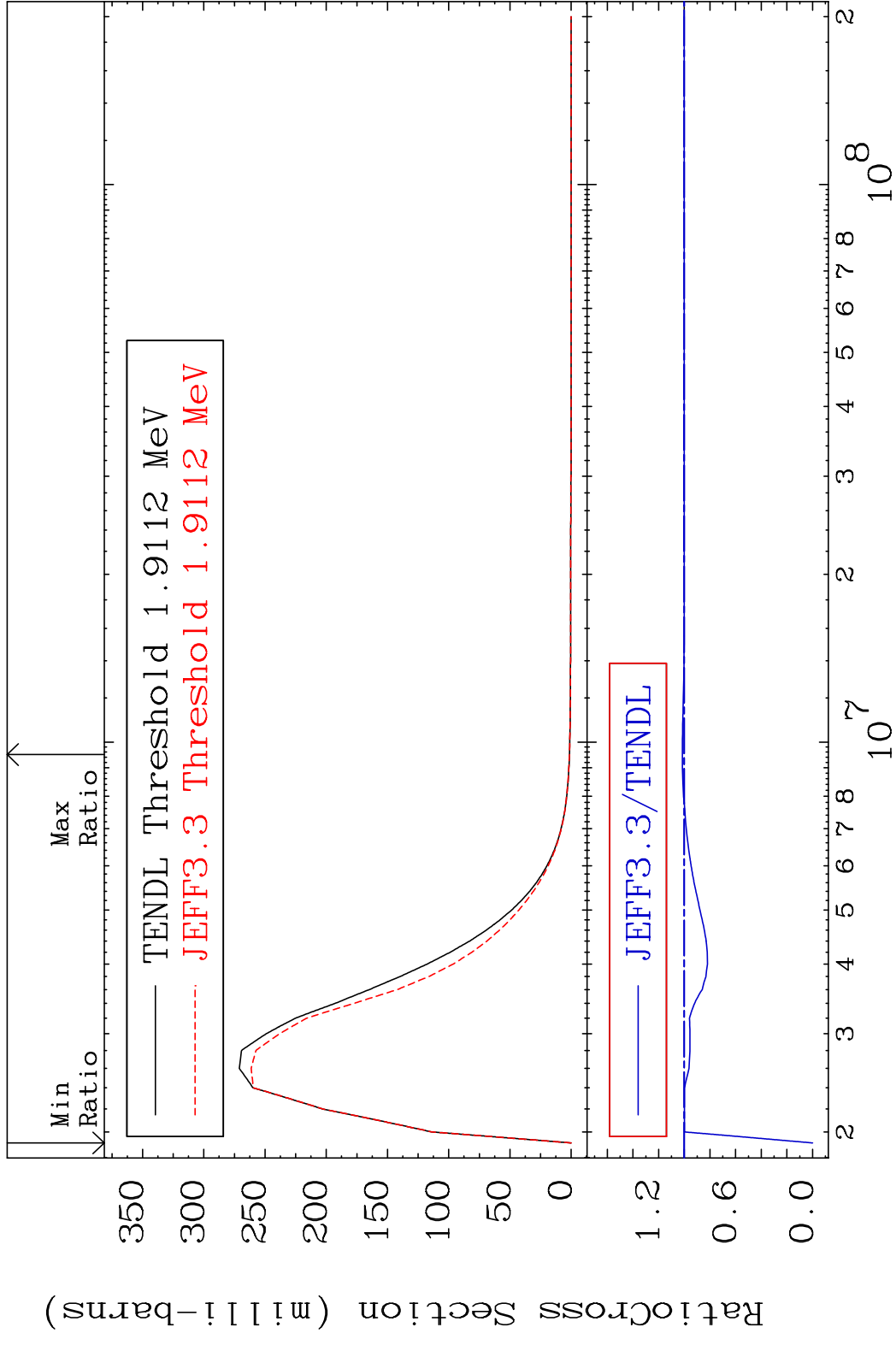
MAT 3037 MT= 51 (n, n') Level 30-Zn-68
 Cross Section -11.13 To 0.040 %



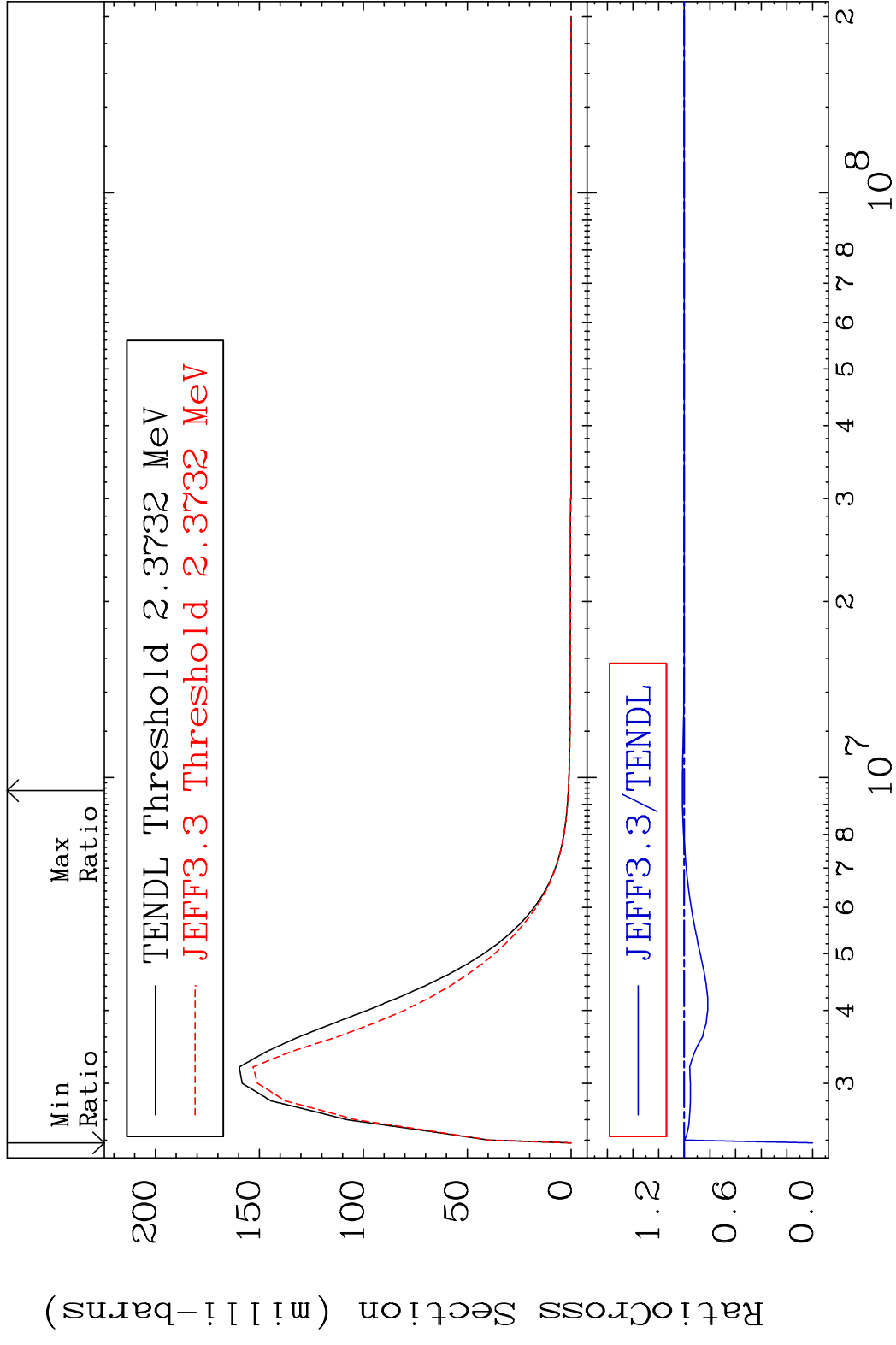
MAT 3037 MT= 52 (n,n') Level 30-Zn-68
 Cross Section -19.74 To 10.40 %



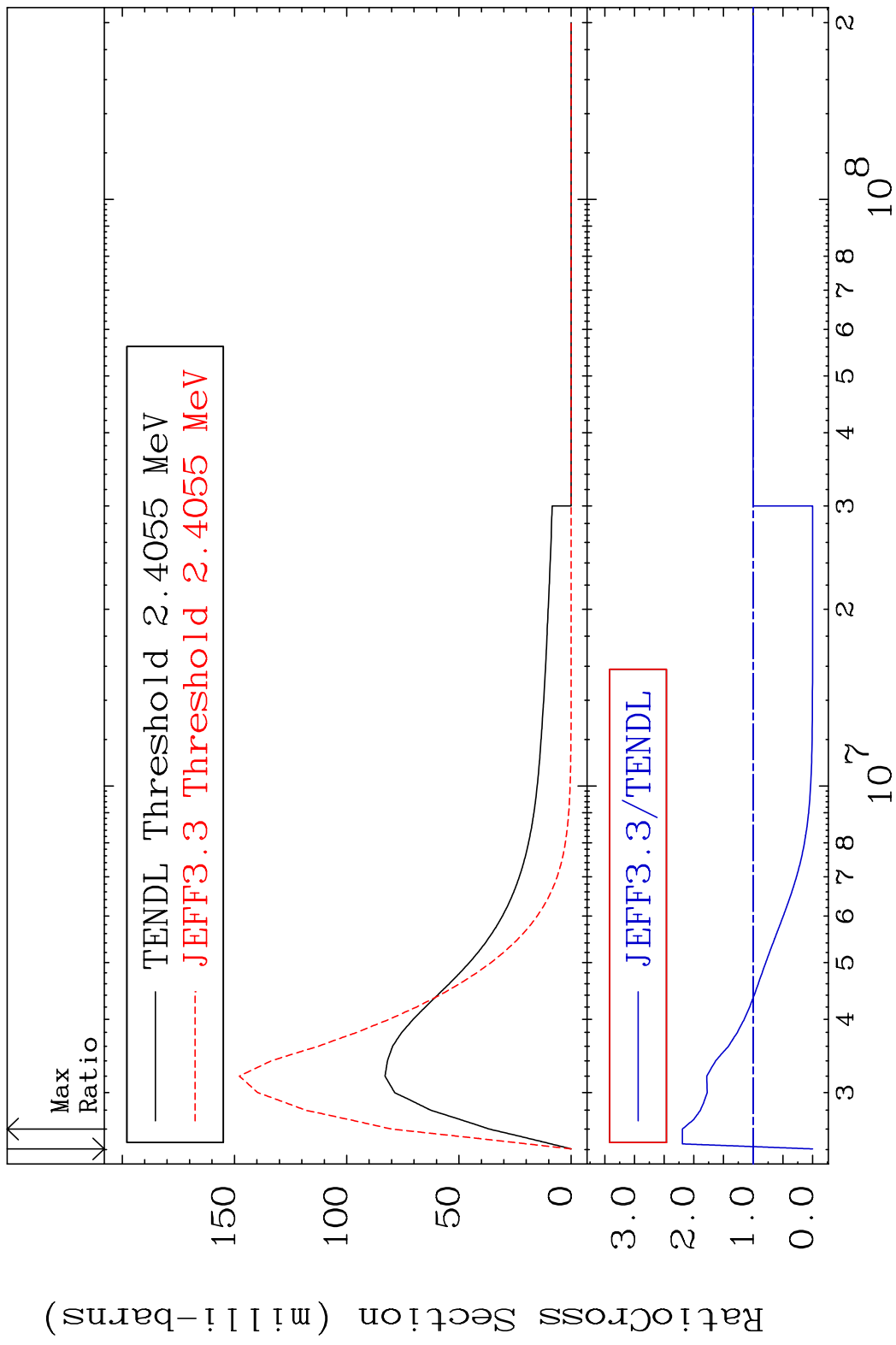
MAT 3037 MT= 53 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 1.519 %



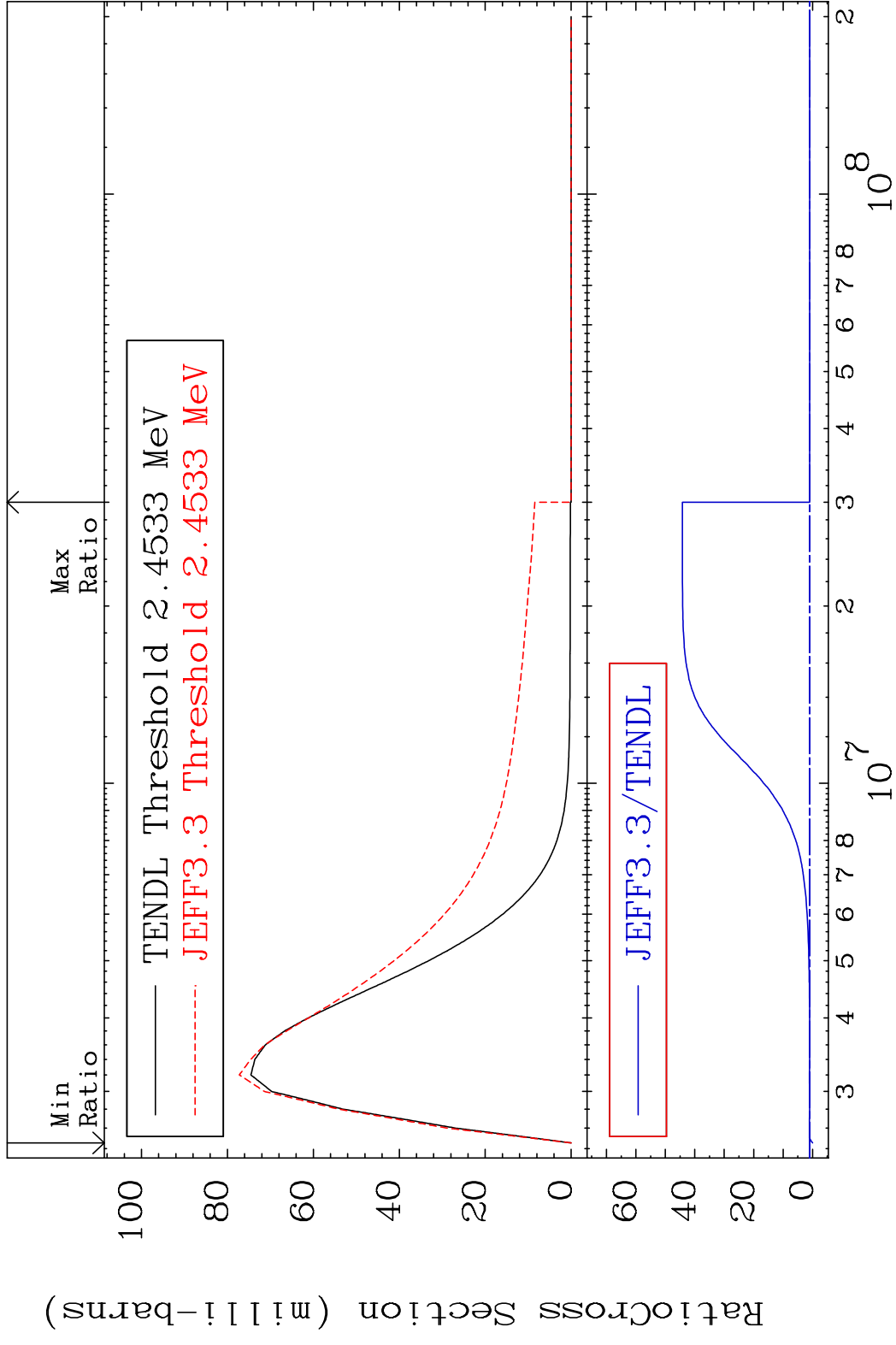
MAT 3037 MT= 54 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 1.525 %



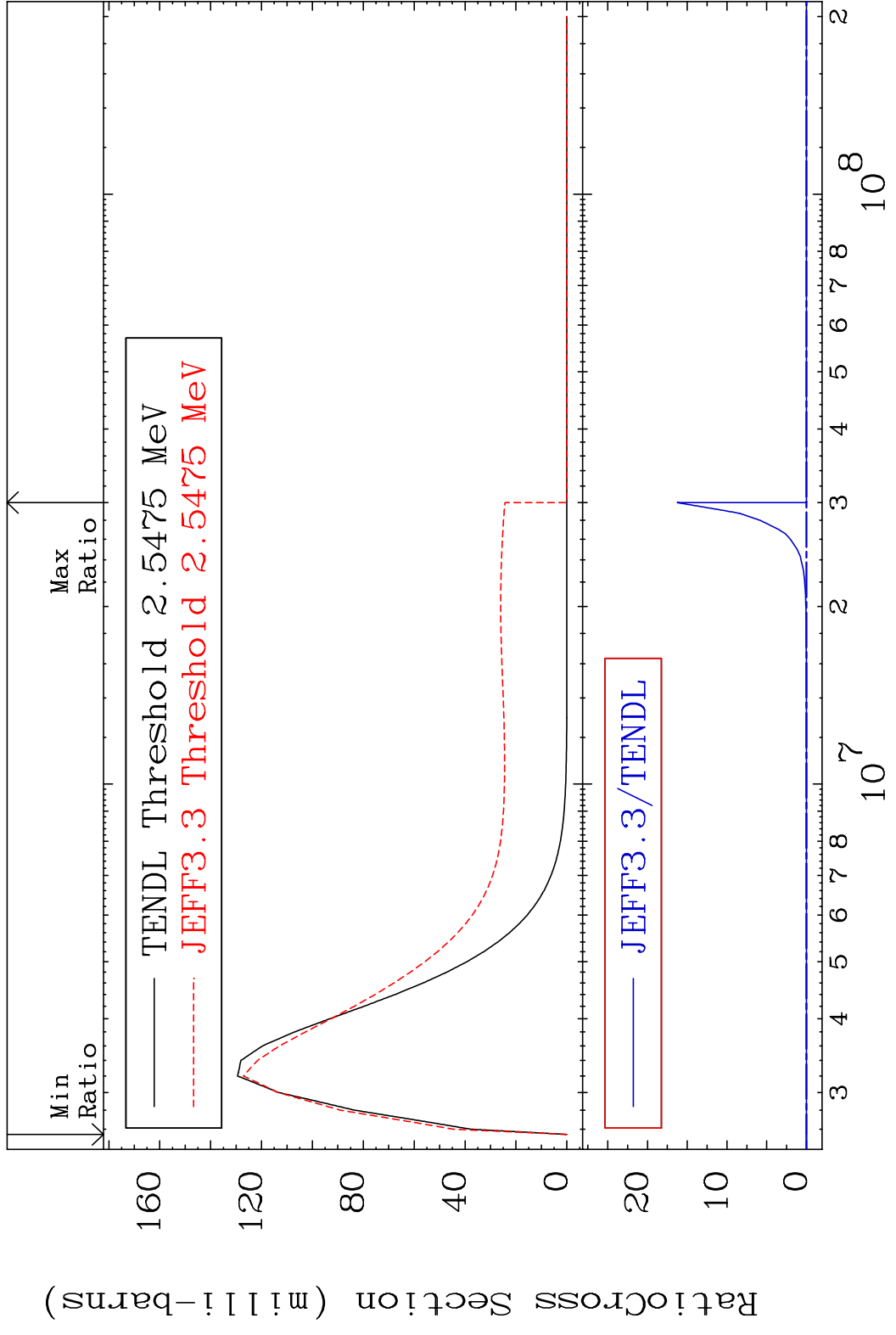
MAT 3037 MT= 55 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 119.3 %



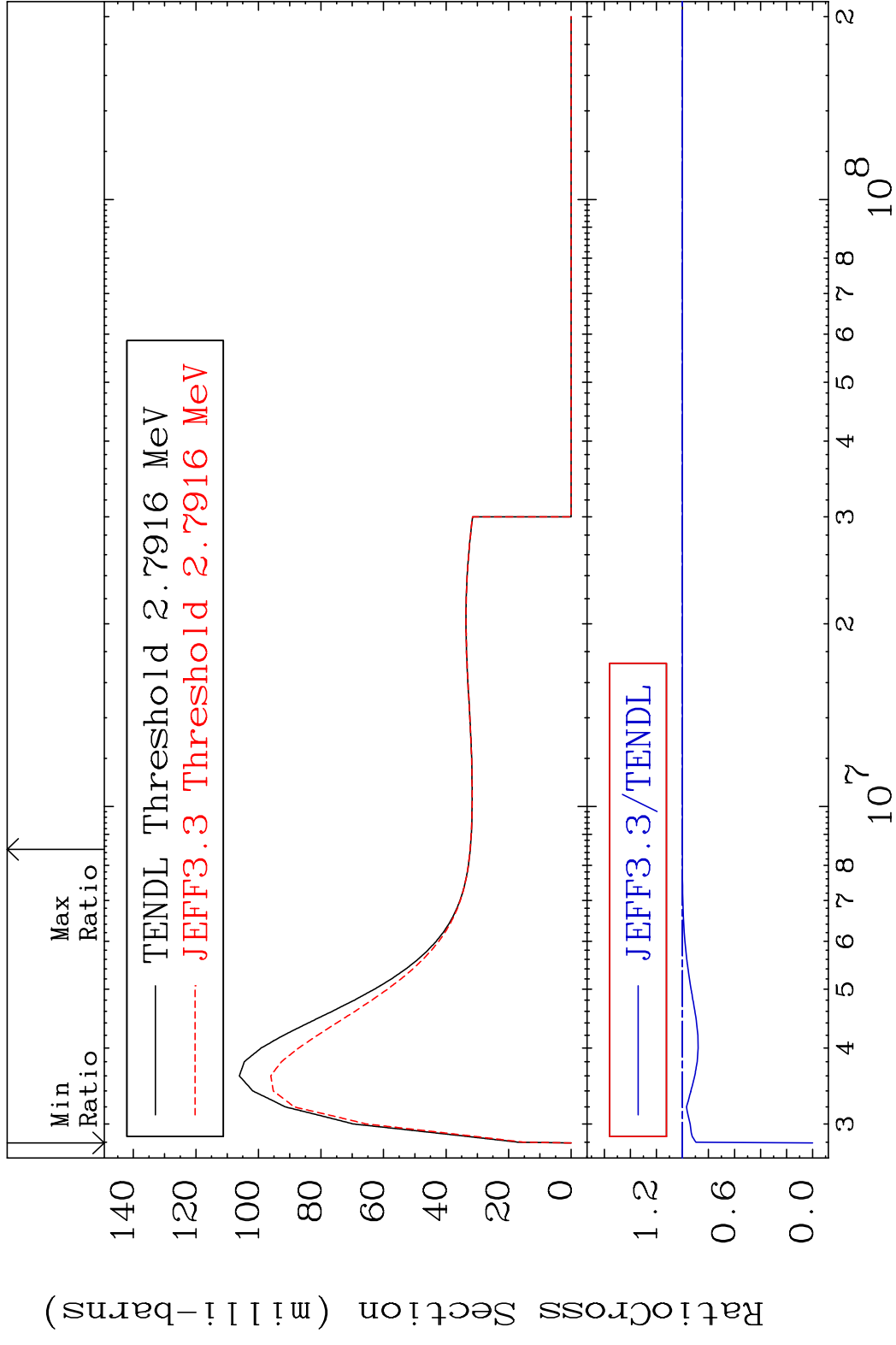
MAT 3037 MT= 56 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 4322. %



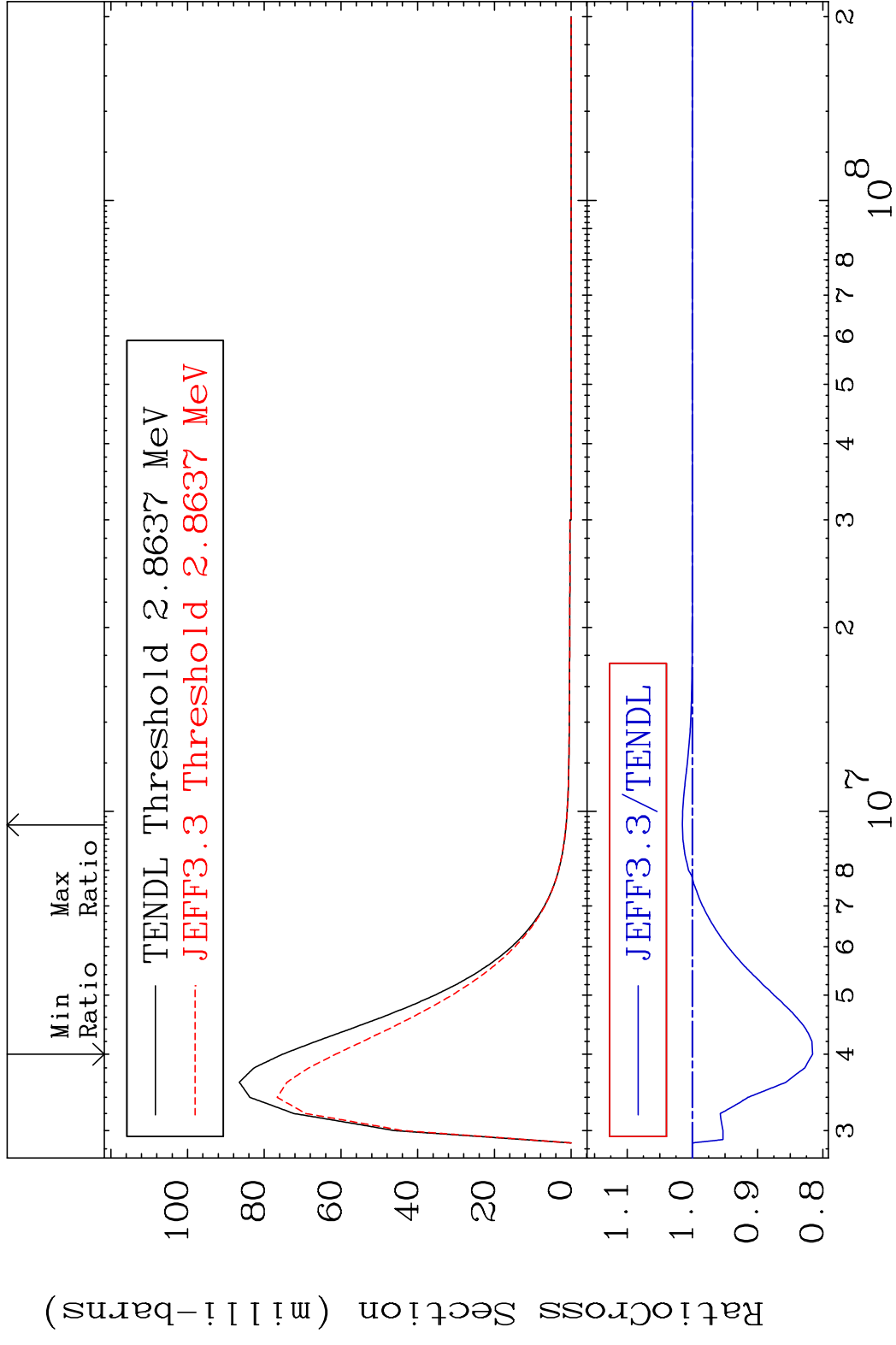
MAT 3037 MT= 57 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 9999. %



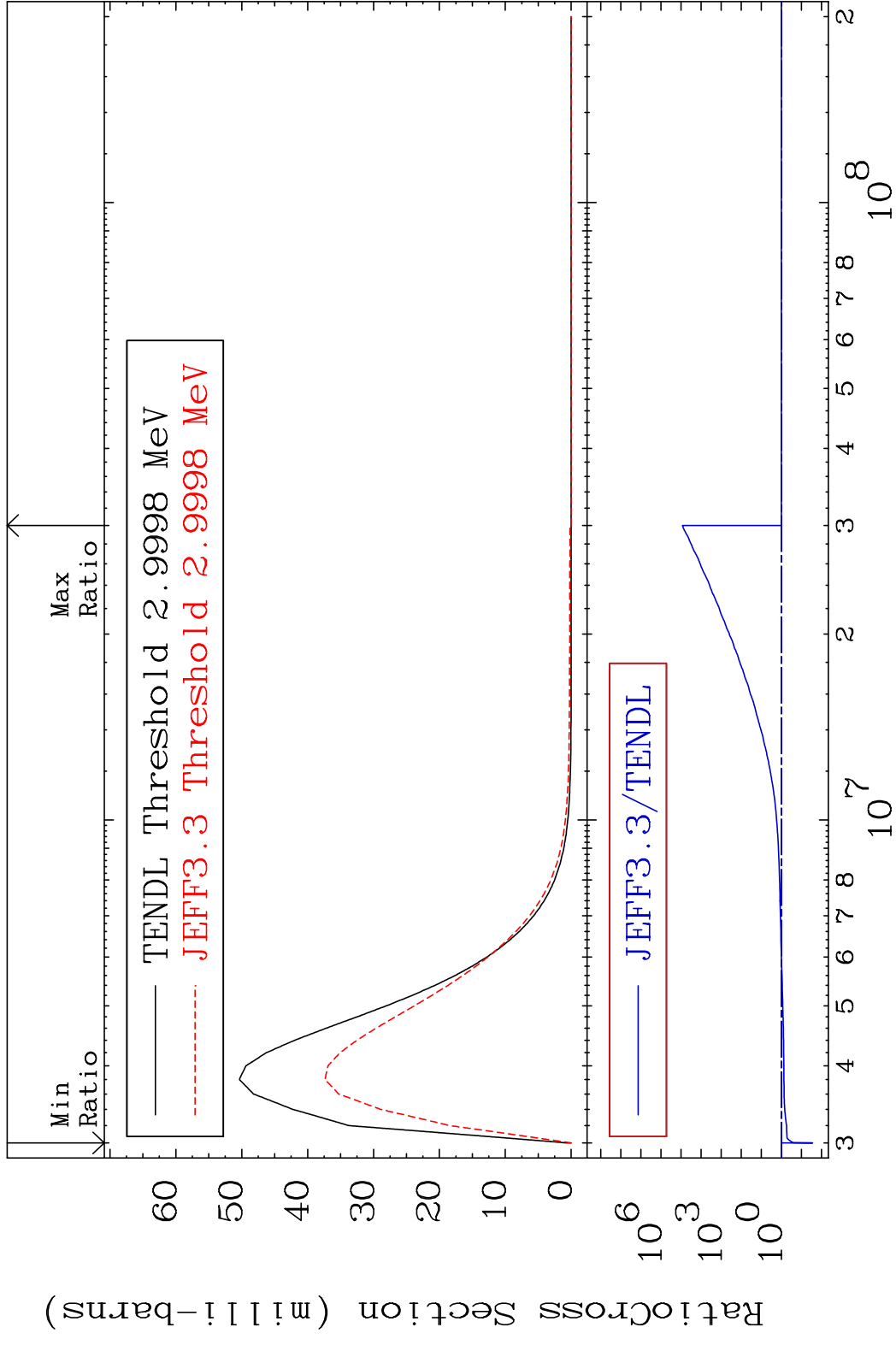
MAT 3037 MT= 58 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 0.089 %



MAT 3037 MT= 59 (n, n') Level 30-Zn-68
 Cross Section -18.43 To 1.535 %



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

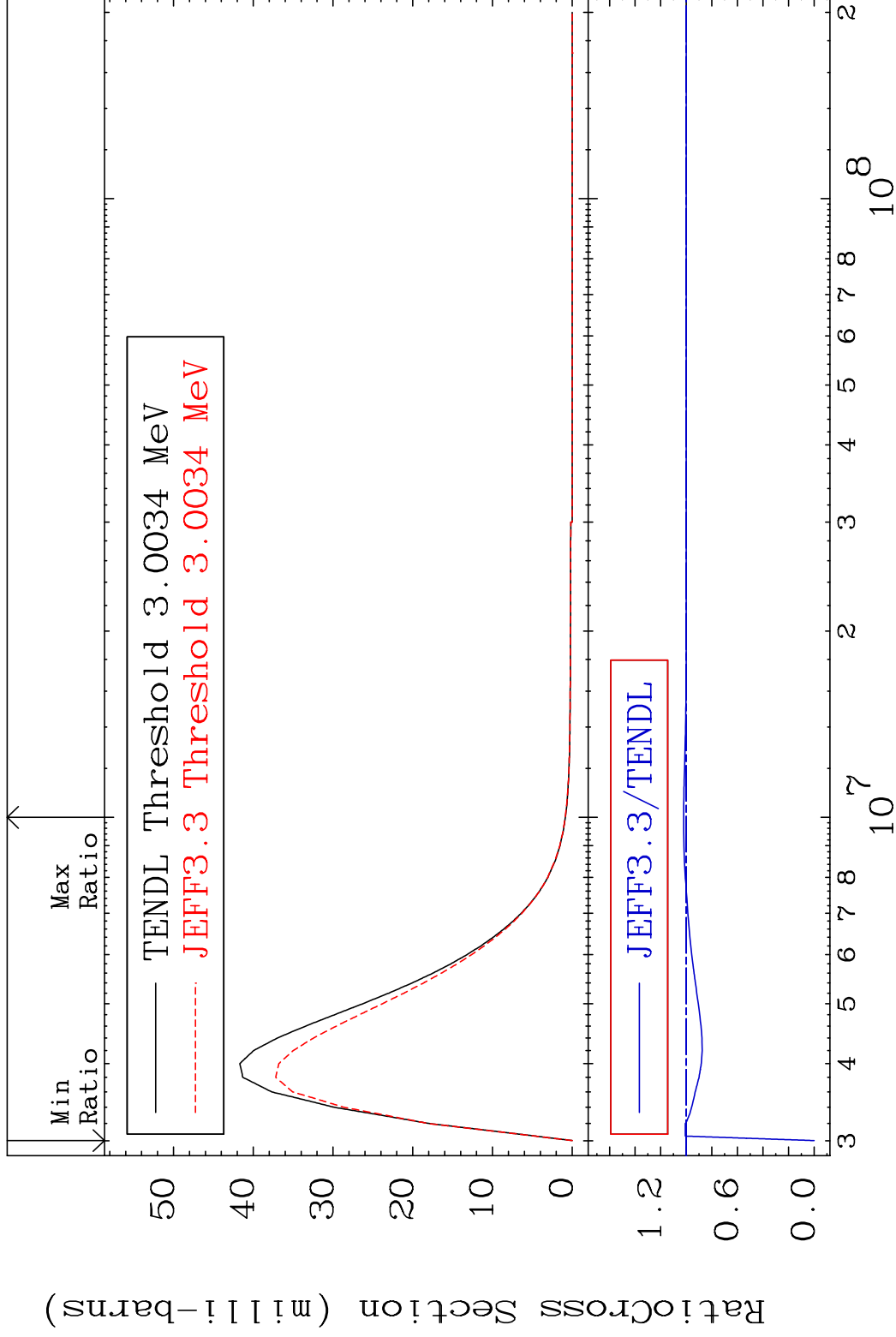


MAT 3037

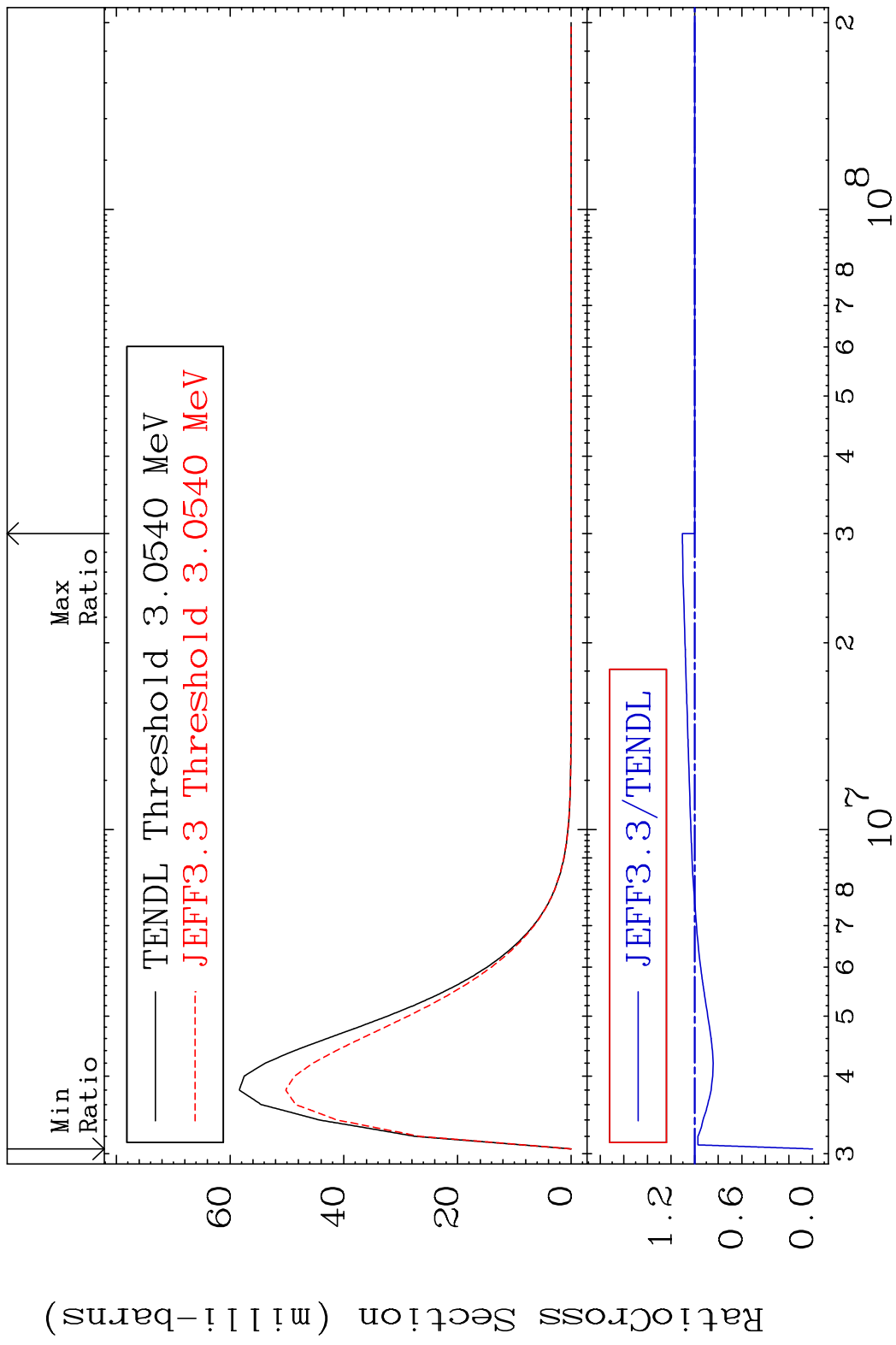
MT= 61 (n,n') Level

30-Zn-68

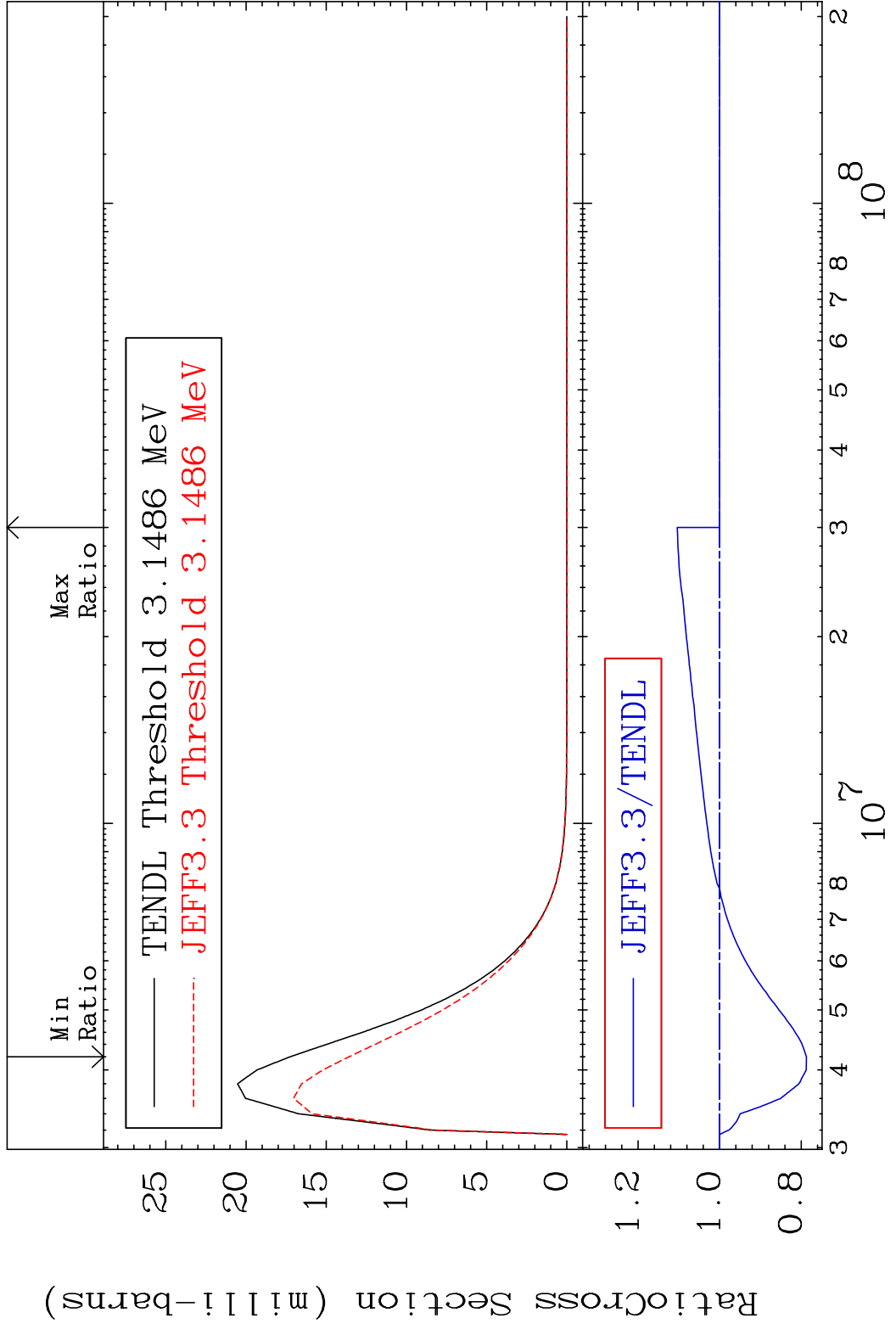
Cross Section -100.0 To 2.044 %



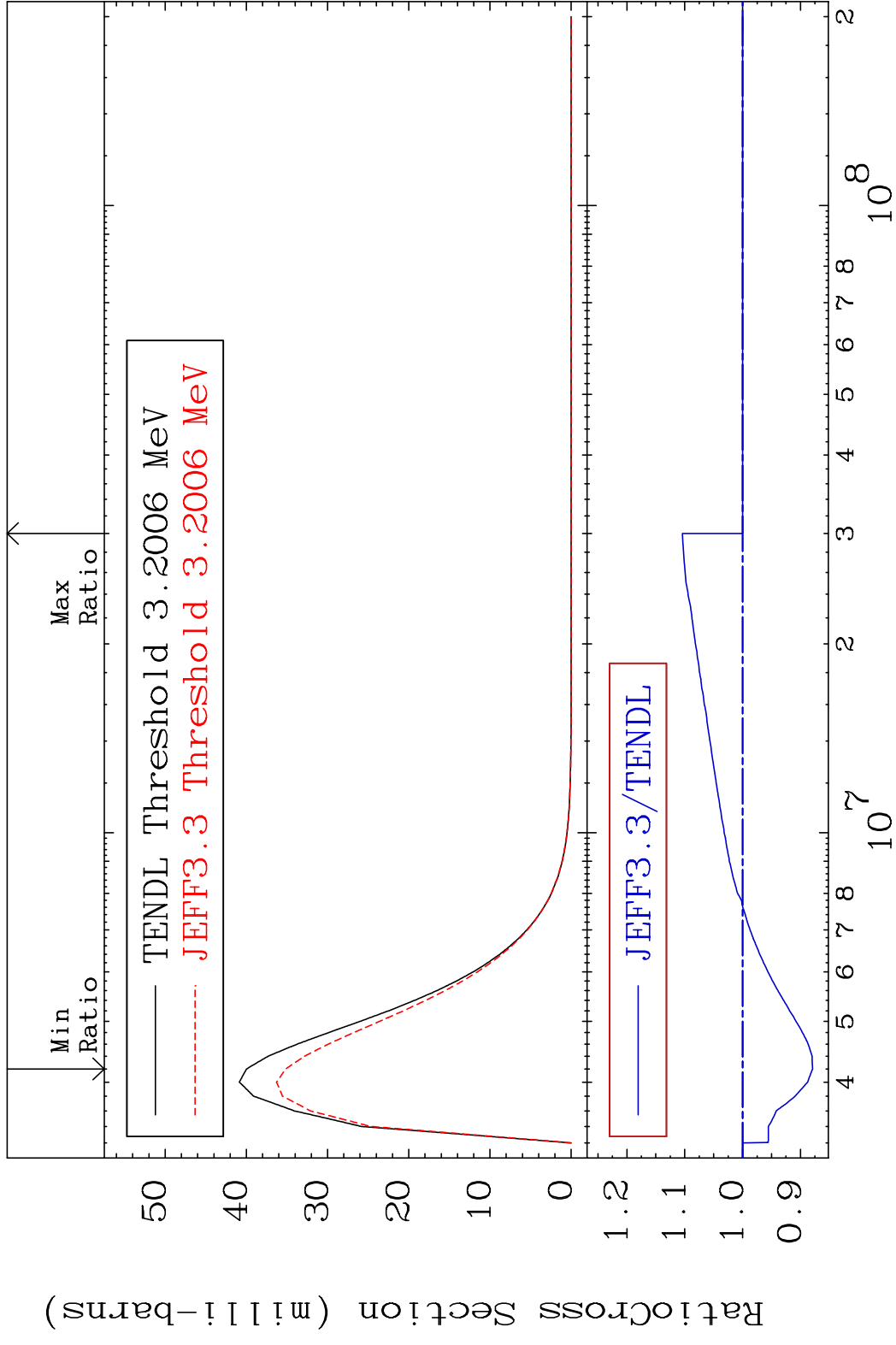
MAT 3037 MT= 62 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 10.41 %



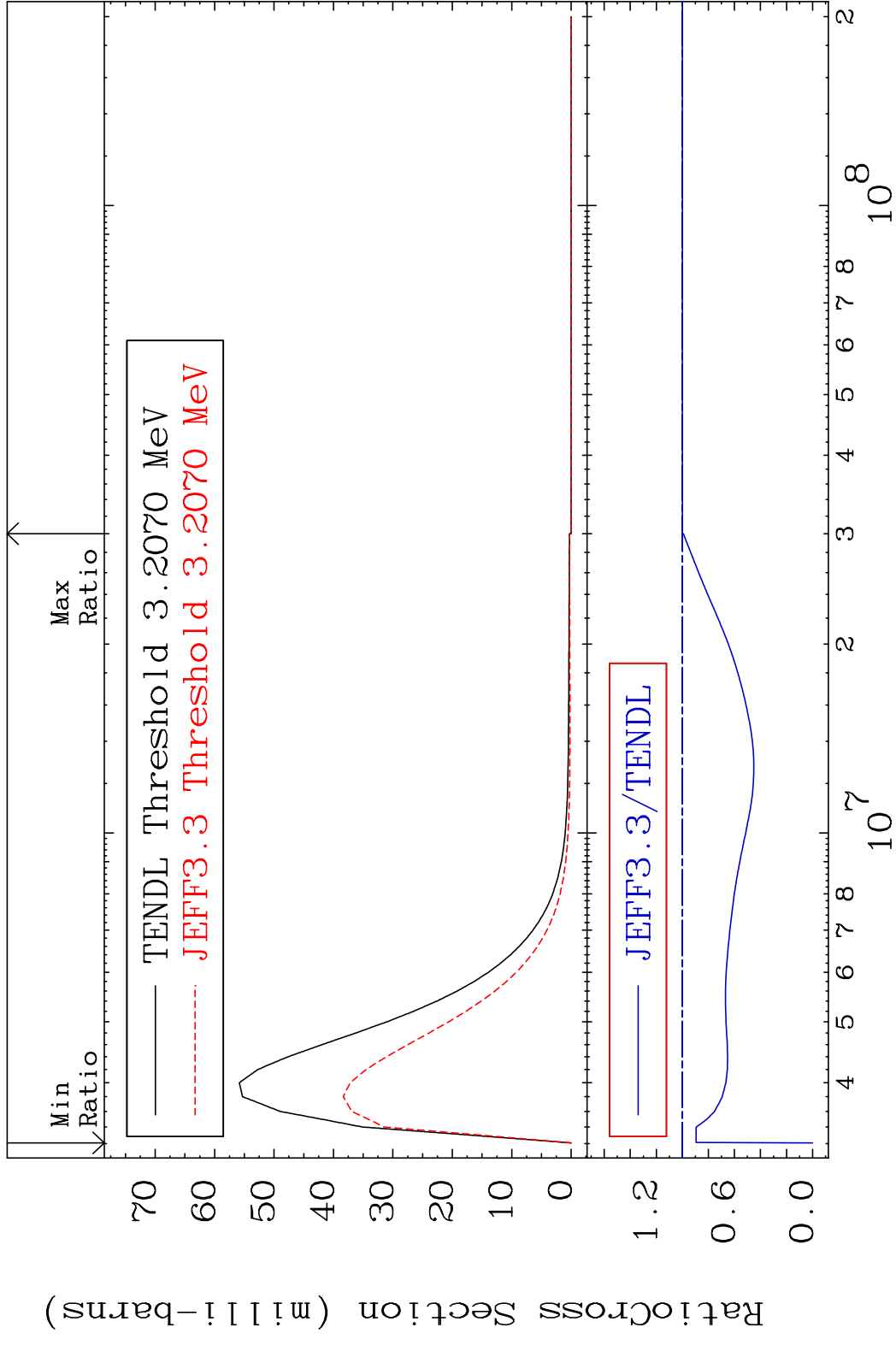
MAT 3037 MT= 63 (n, n') Level 30-Zn-68
 Cross Section -21.28 To 10.40 %



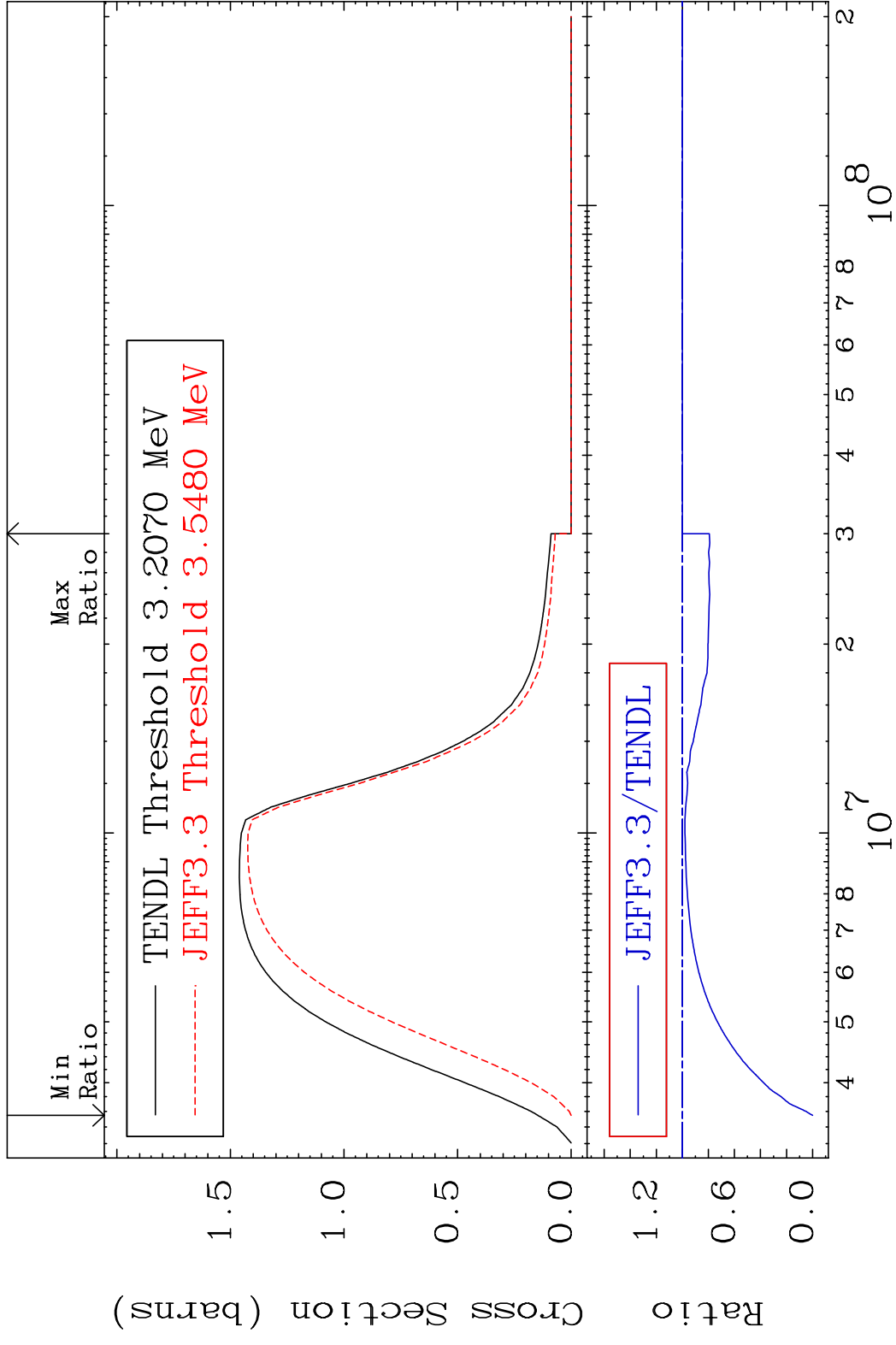
MAT 3037 MT= 64 (n, n') Level 30-Zn-68
 Cross Section -12.08 To 10.41 %



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



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

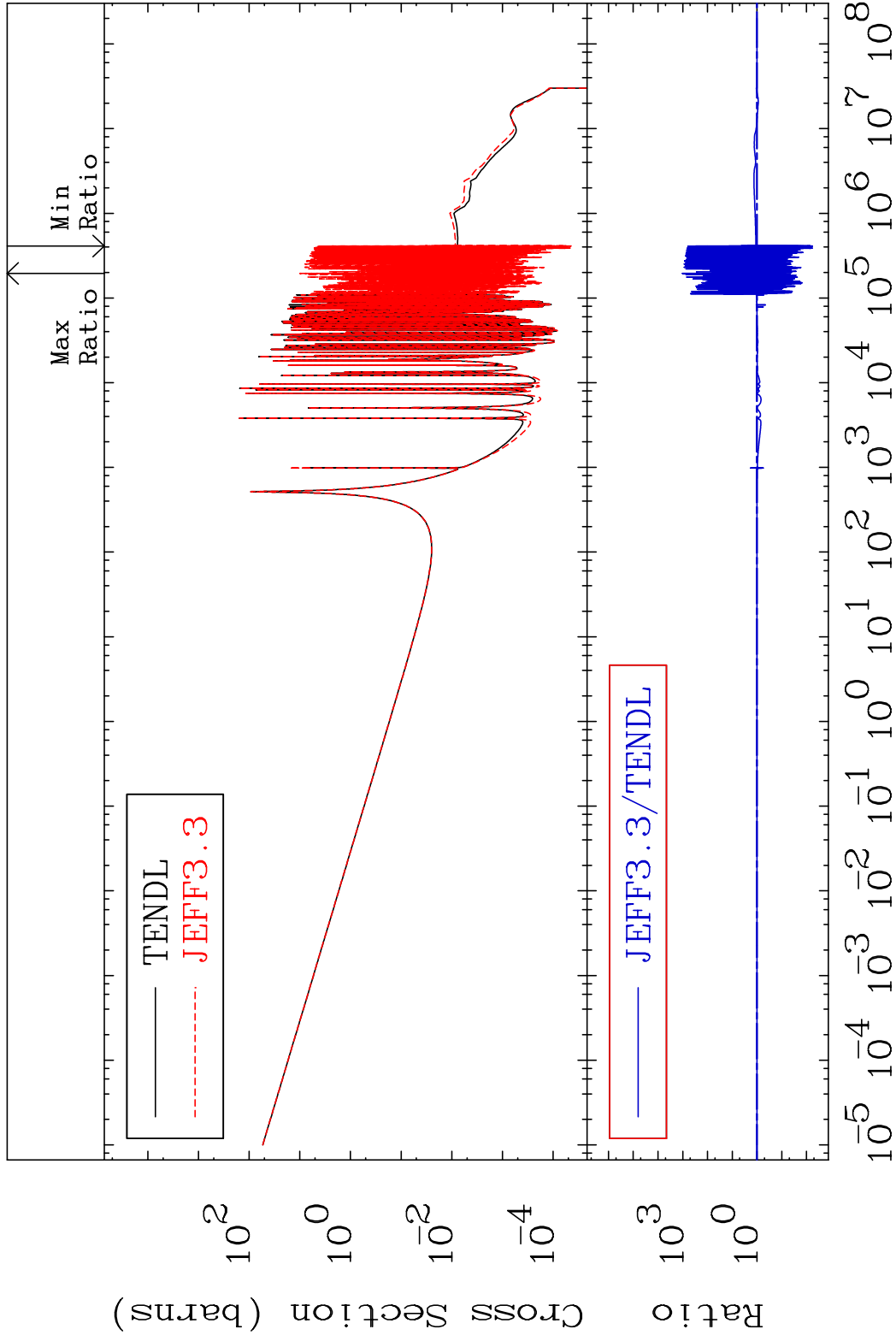


MAT 3037

(n, γ)

30-Zn-68

Cross Section -99.43 To 9999. %



36

Incident Energy (eV)

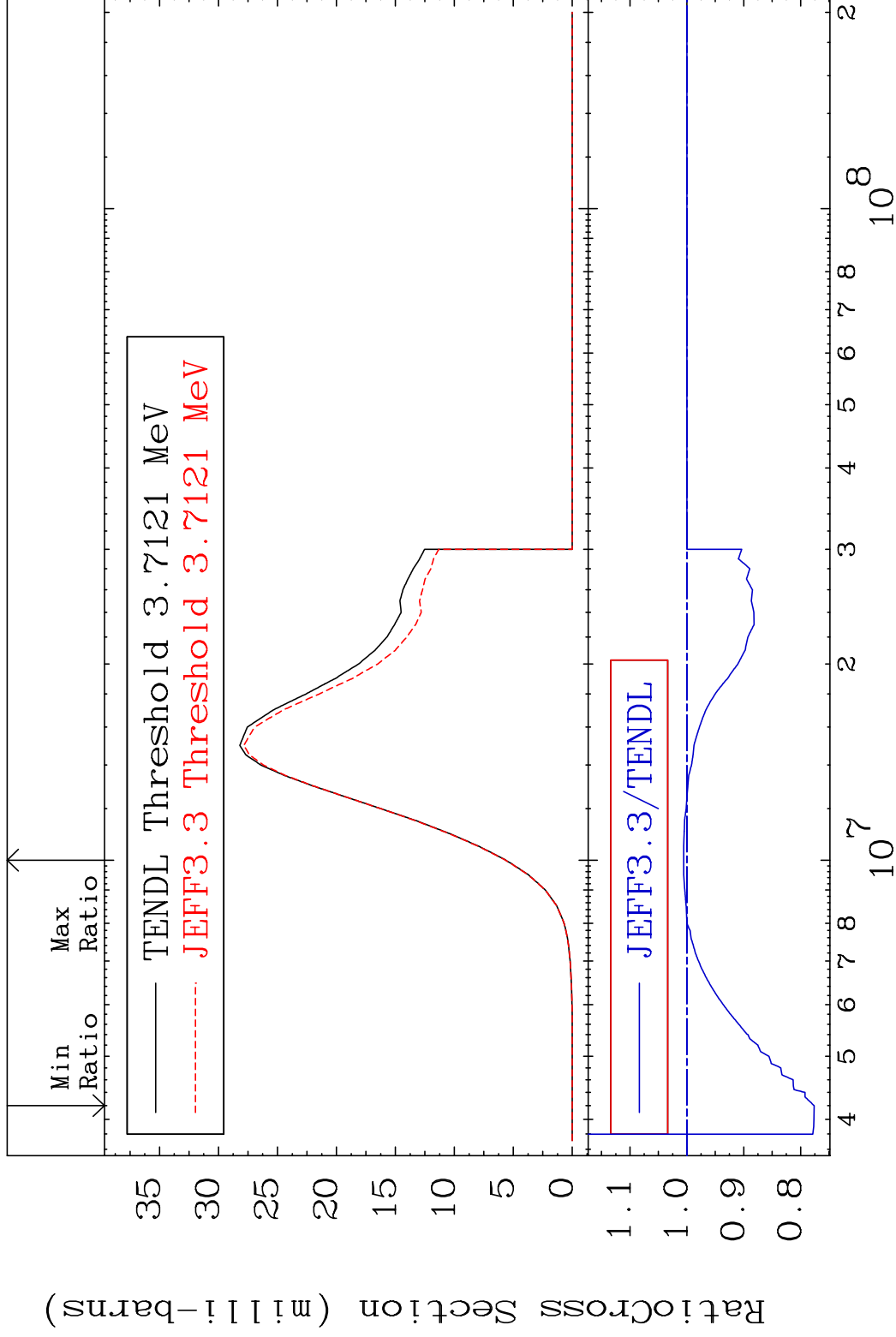
30-Zn-68

MAT 3037

(n, p)

30-Zn-68

Cross Section -22.37 To 0.559 %

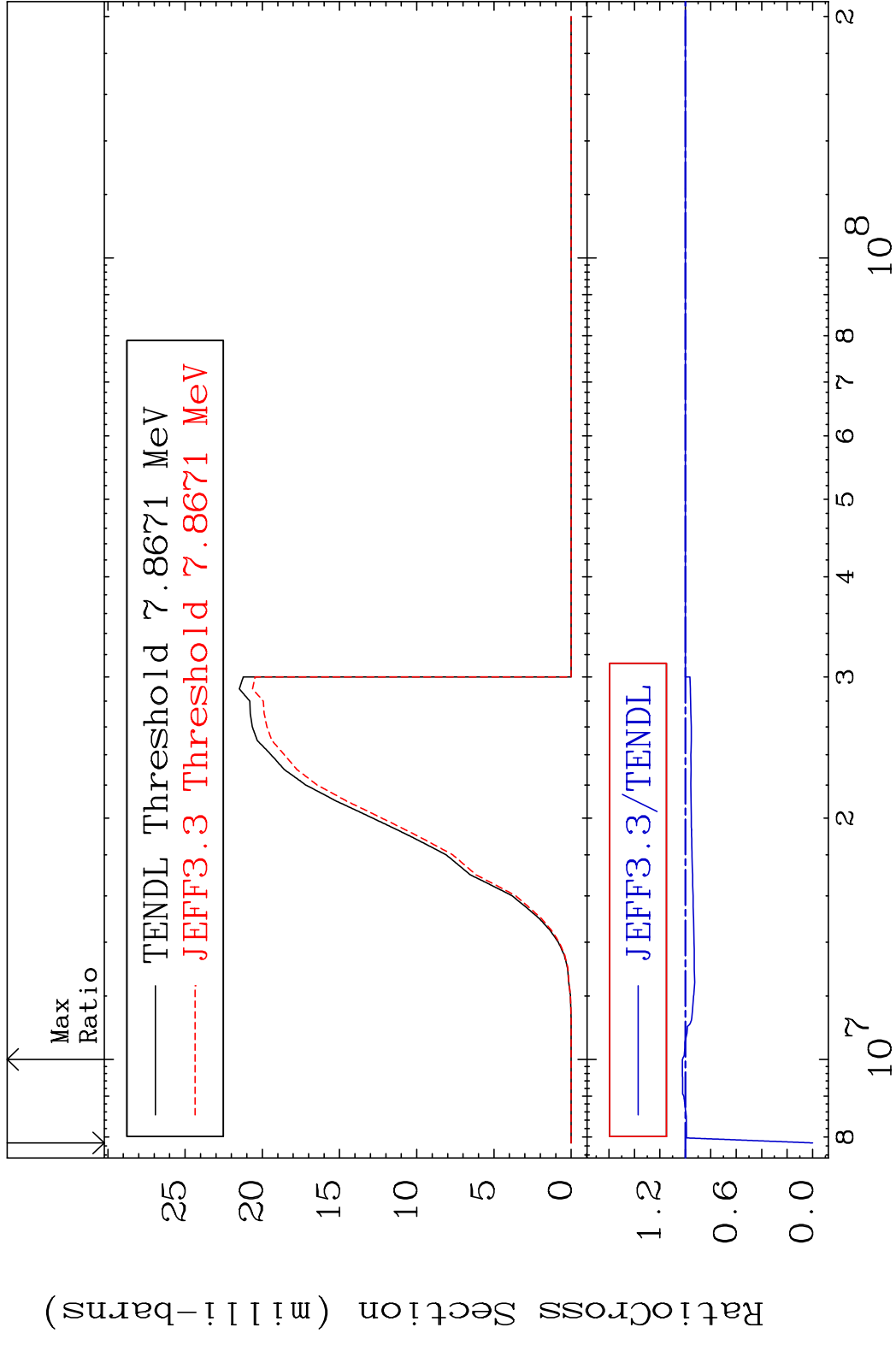


37

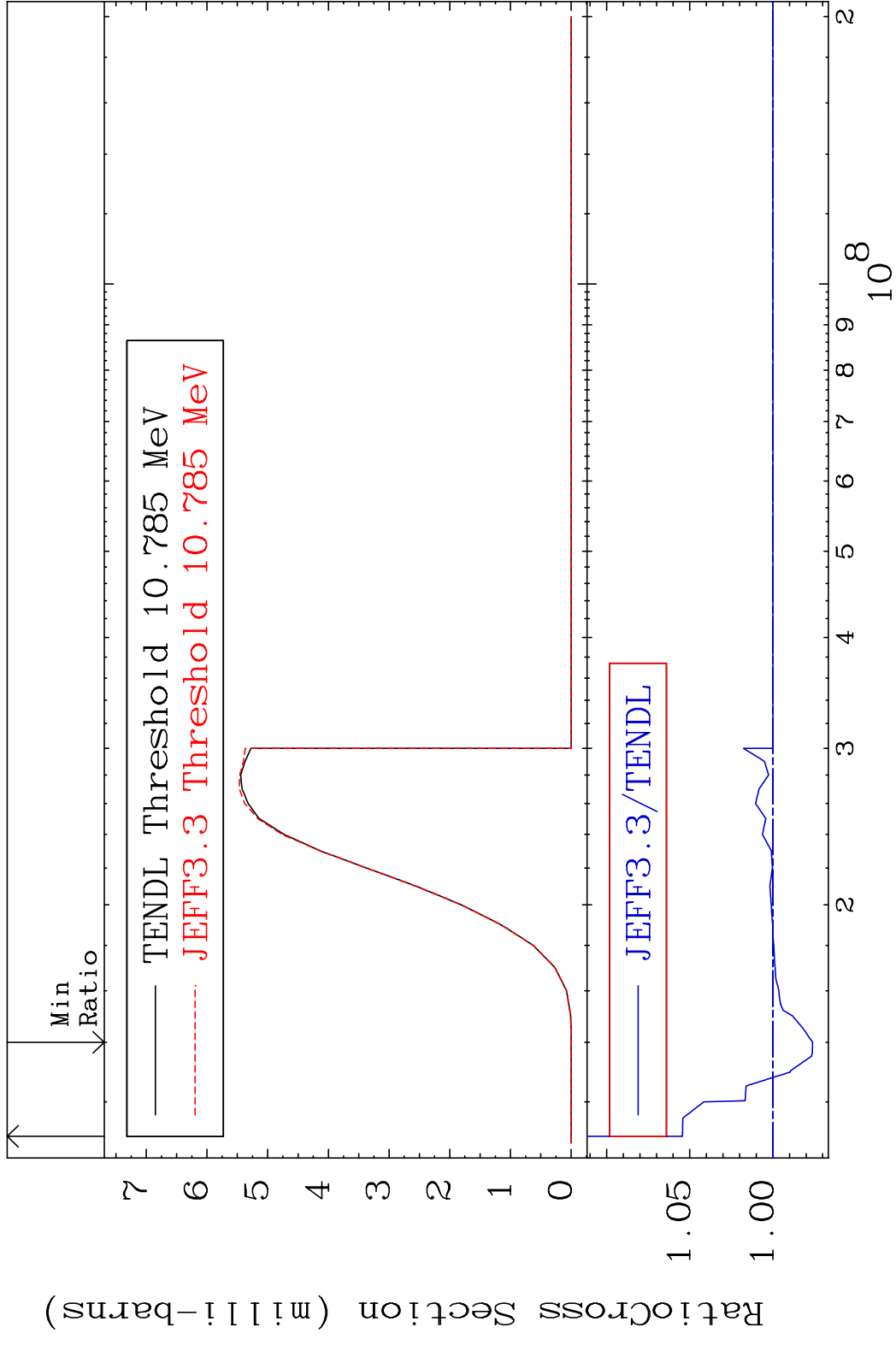
Incident Energy (eV)

30-Zn-68

MAT 3037 (n,d) 30-Zn-68
 Cross Section -100.0 To 2.336 %



MAT 3037 (n, t) 30-Zn-68
 Cross Section -2.388 To 5.445 %

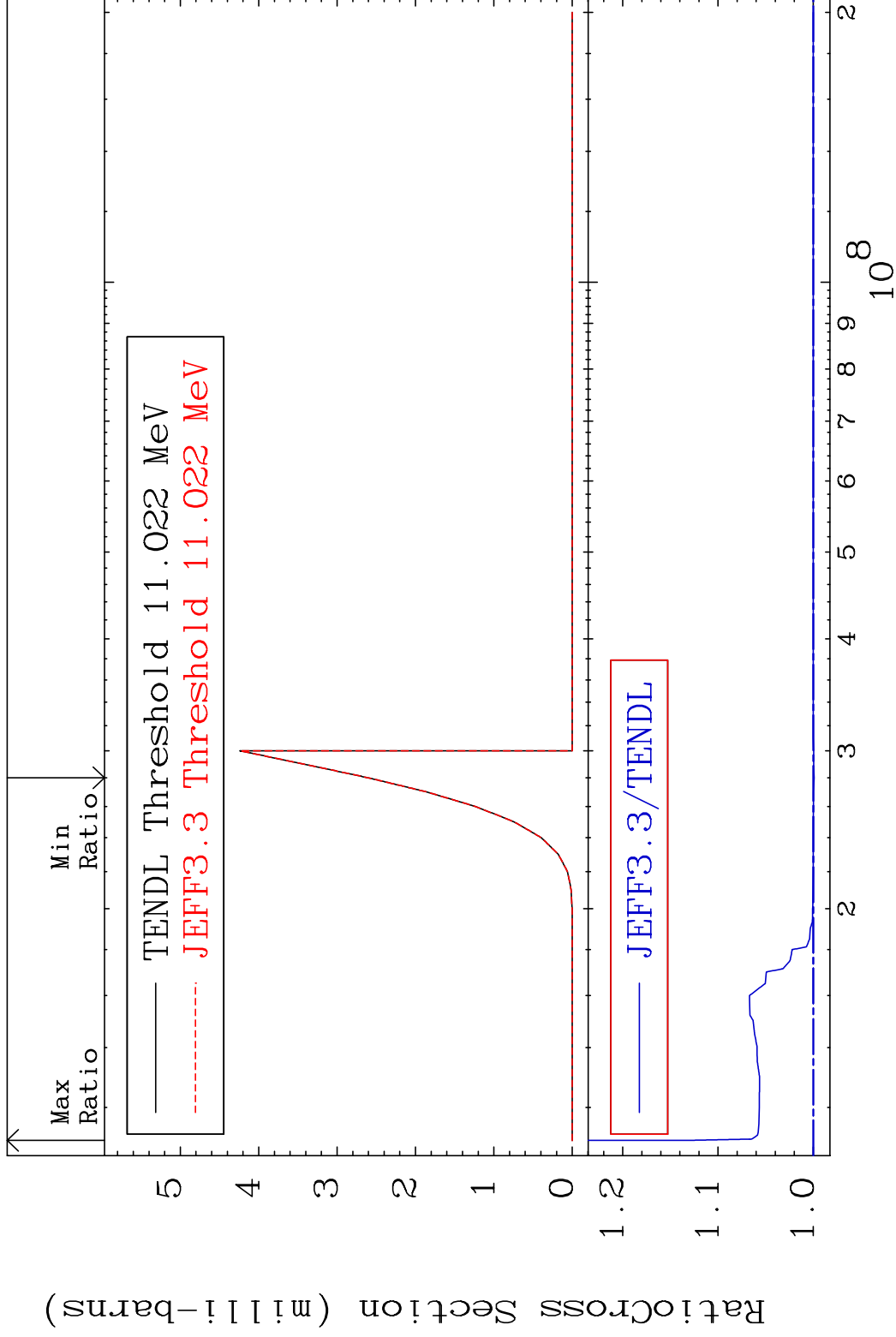


MAT 3037

(n, He-3)

30-Zn-68

Cross Section -0.083 To 13.61 %



40

Incident Energy (eV)

30-Zn-68

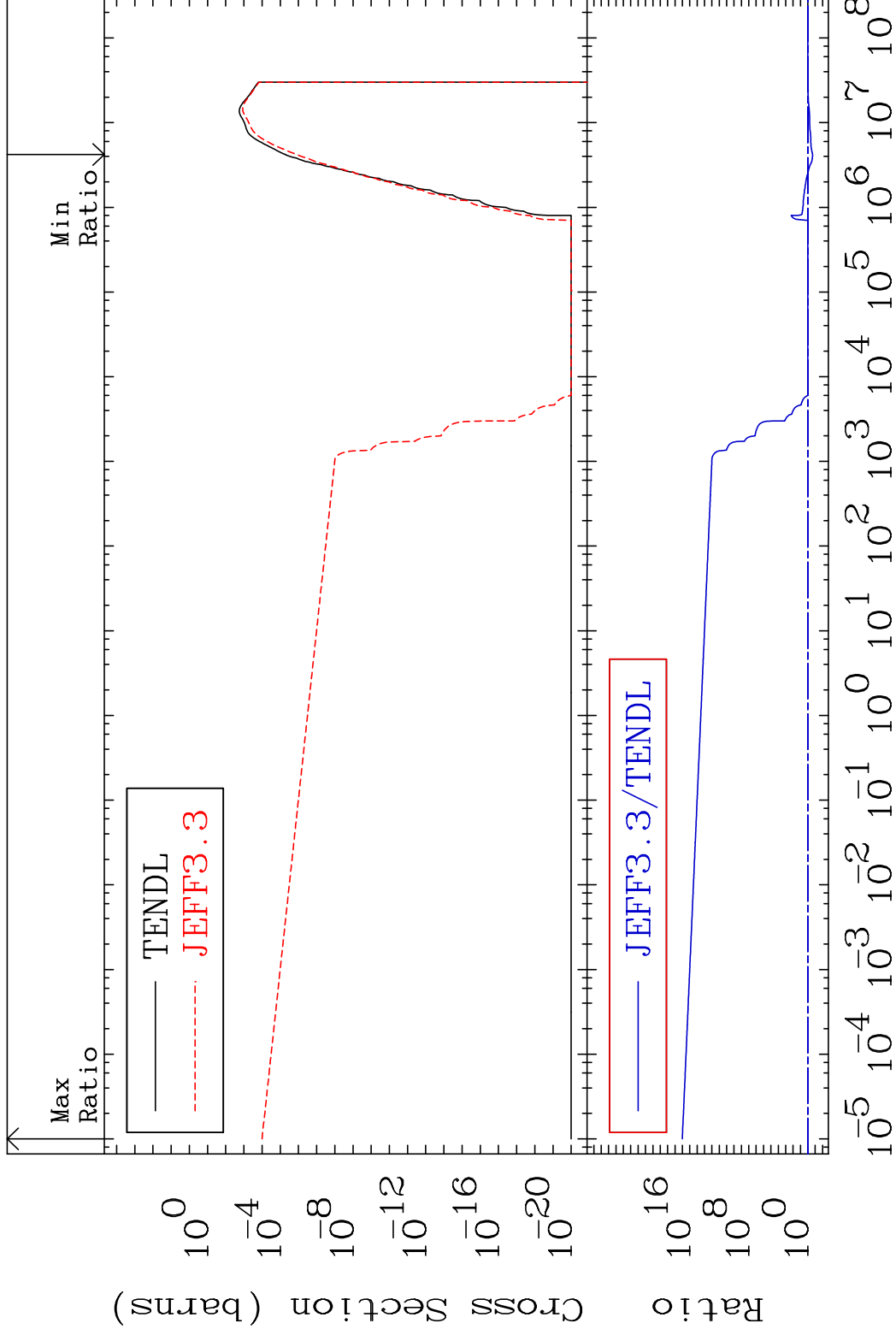
MAT 3037

(n, α)

30-Zn-68

Cross Section

-77.25 To 9999. %



41

Incident Energy (eV)

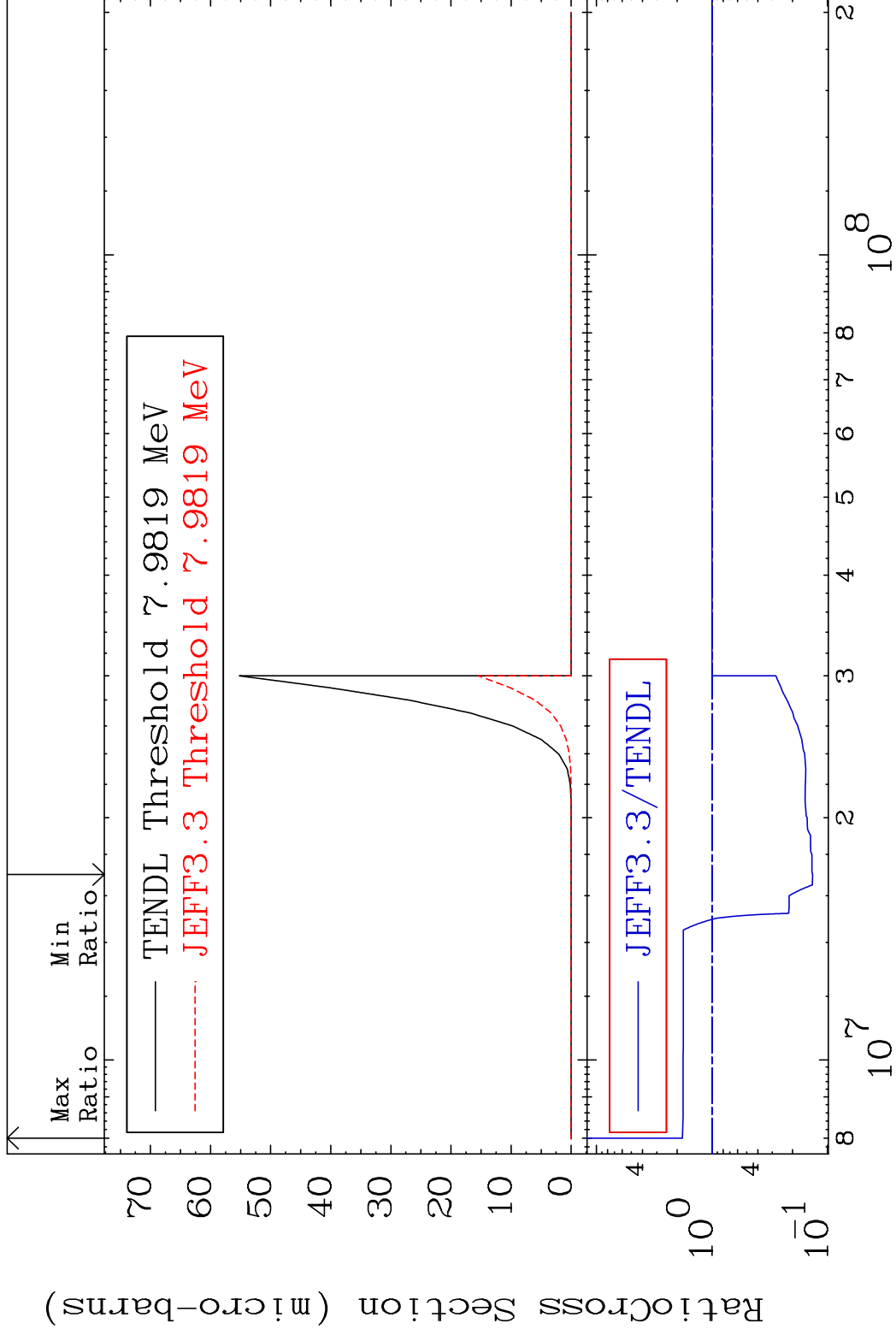
30-Zn-68

MAT 3037

(n,2α)

30-Zn-68

Cross Section -86.55 To 80.45 %

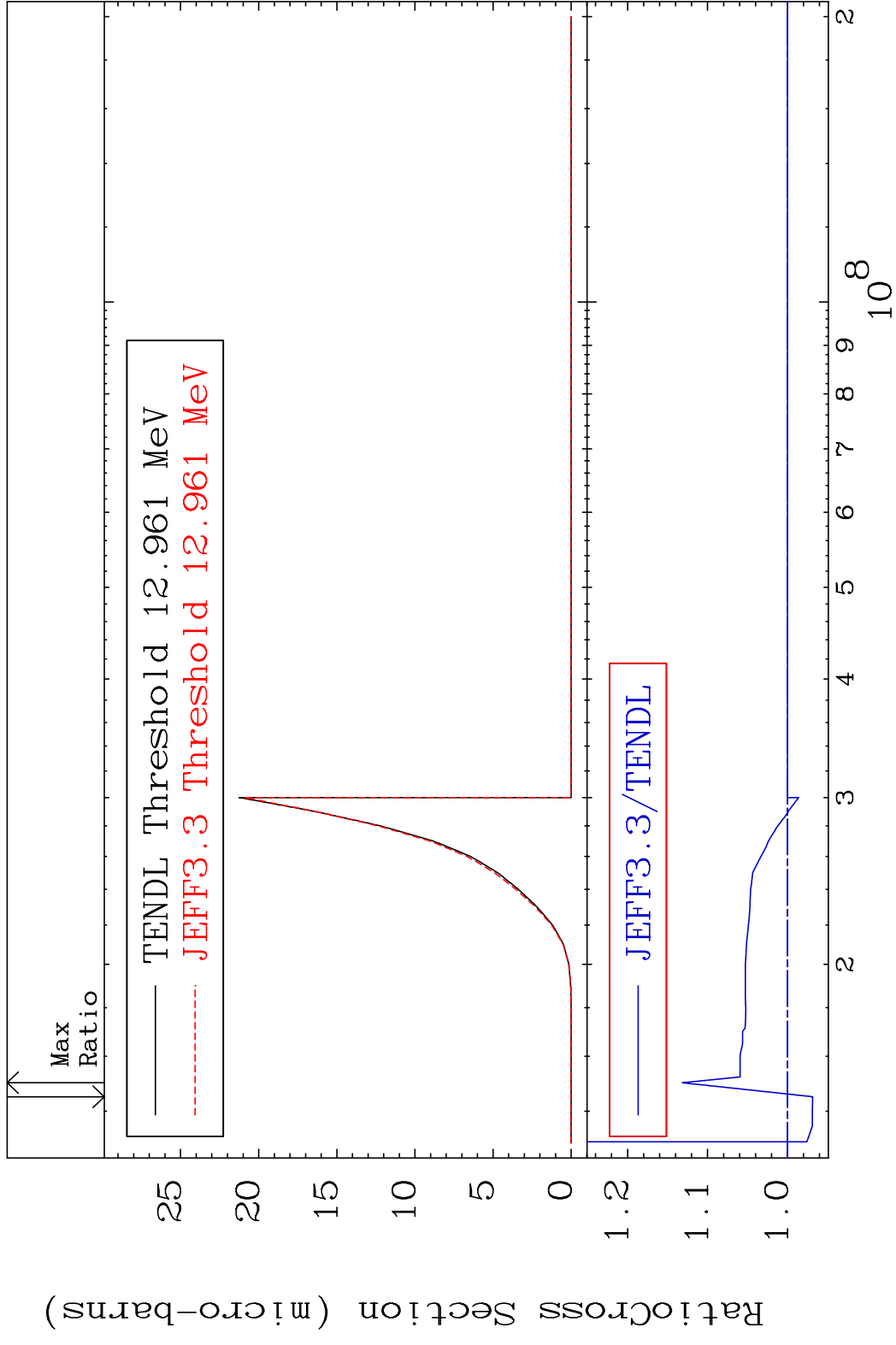


42

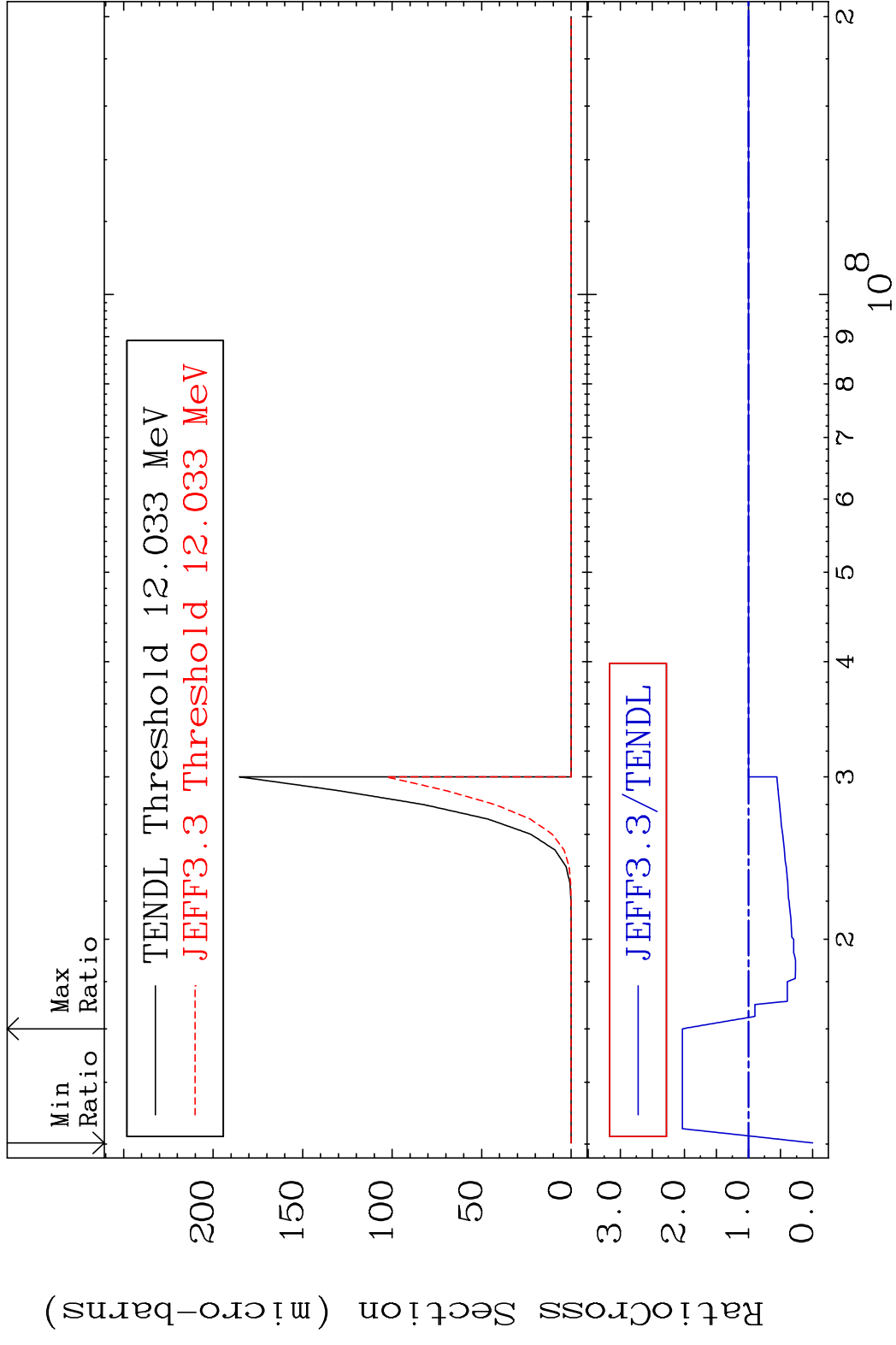
Incident Energy (eV)

30-Zn-68

MAT 3037 (n,2p) 30-Zn-68
 Cross Section -3.125 To 13.15 %

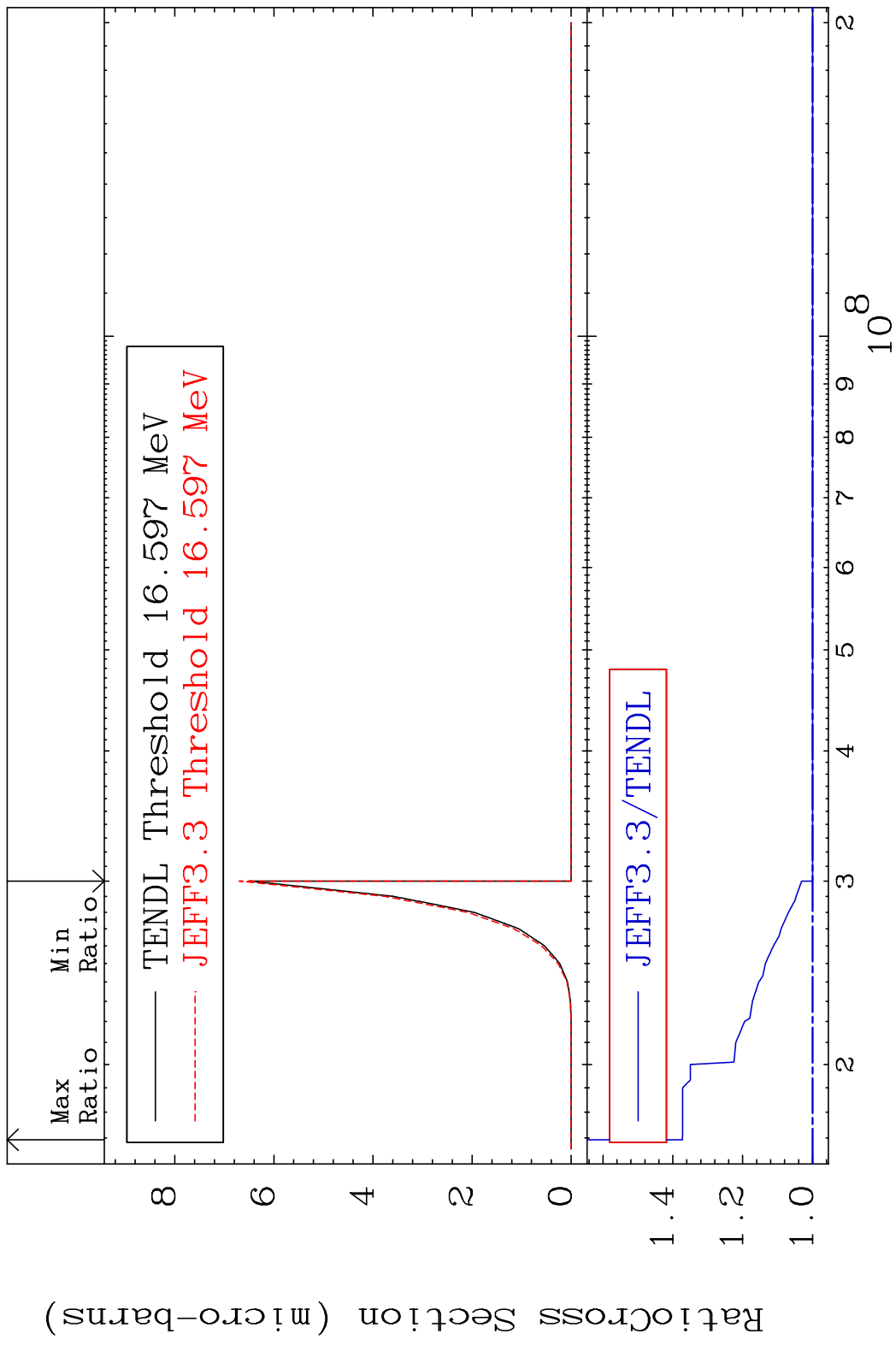


MAT 3037 (n,p) α 30-Zn-68
 Cross Section -100.0 To 103.1 %



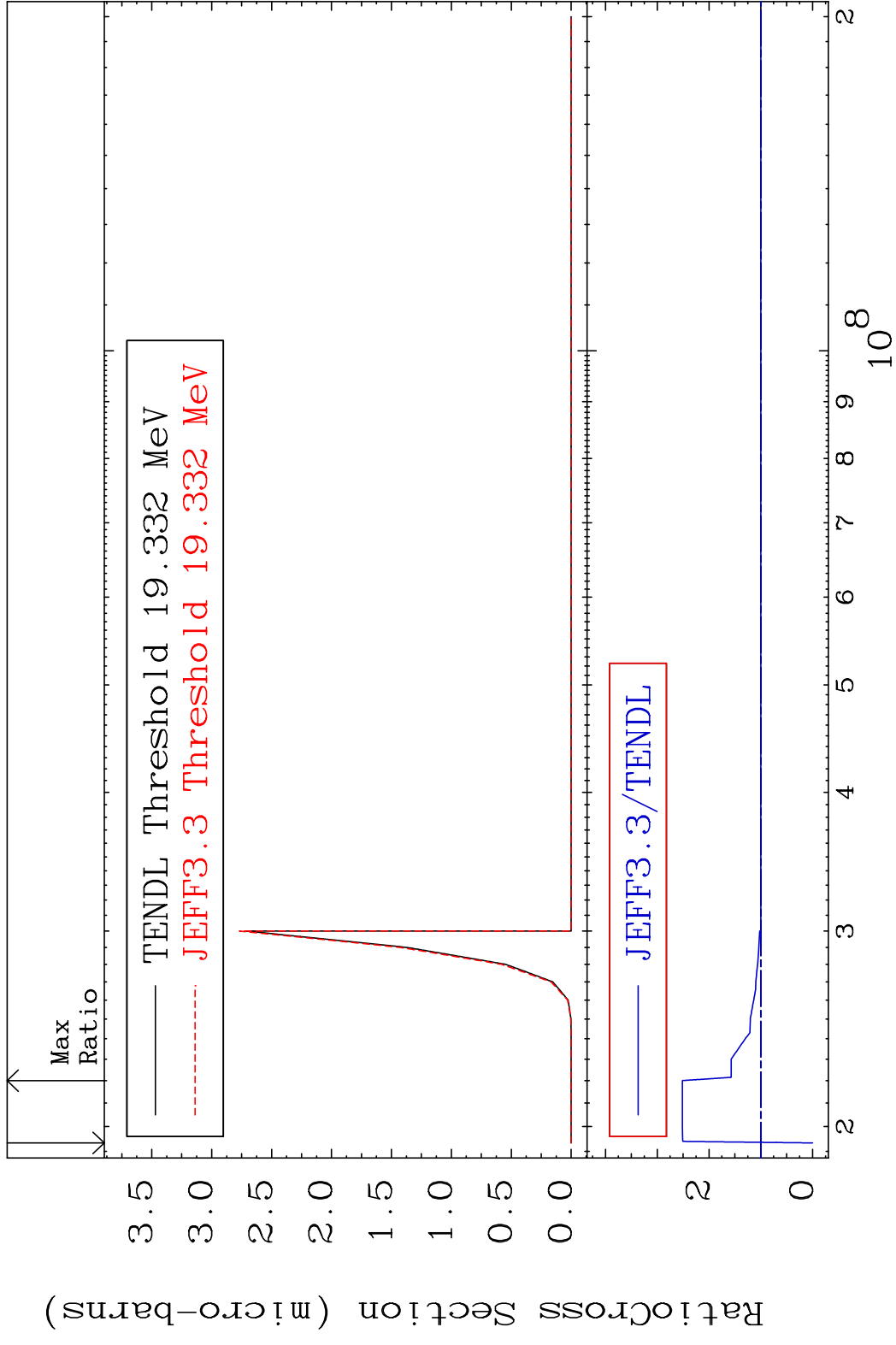
44 Incident Energy (eV) 30-Zn-68

MAT 3037 (n,p) d 30-Zn-68
 Cross Section 0.000 To 37.28 %

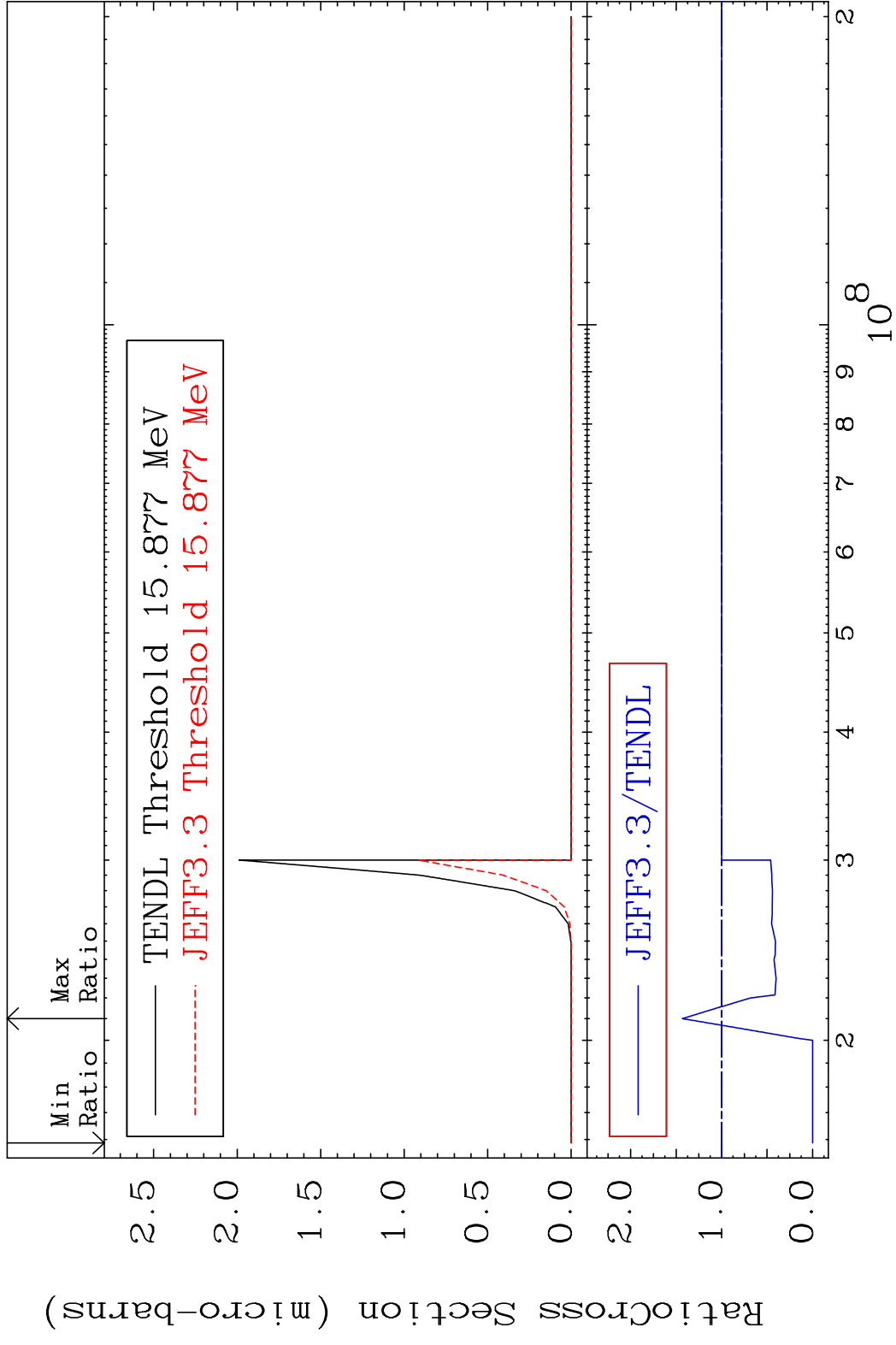


45 Incident Energy (eV) 30-Zn-68

MAT 3037 (n,p) t 30-Zn-68
 Cross Section -100.0 To 151.5 %



MAT 3037 (n,d) α 30-Zn-68
 Cross Section -100.0 To 43.19 %

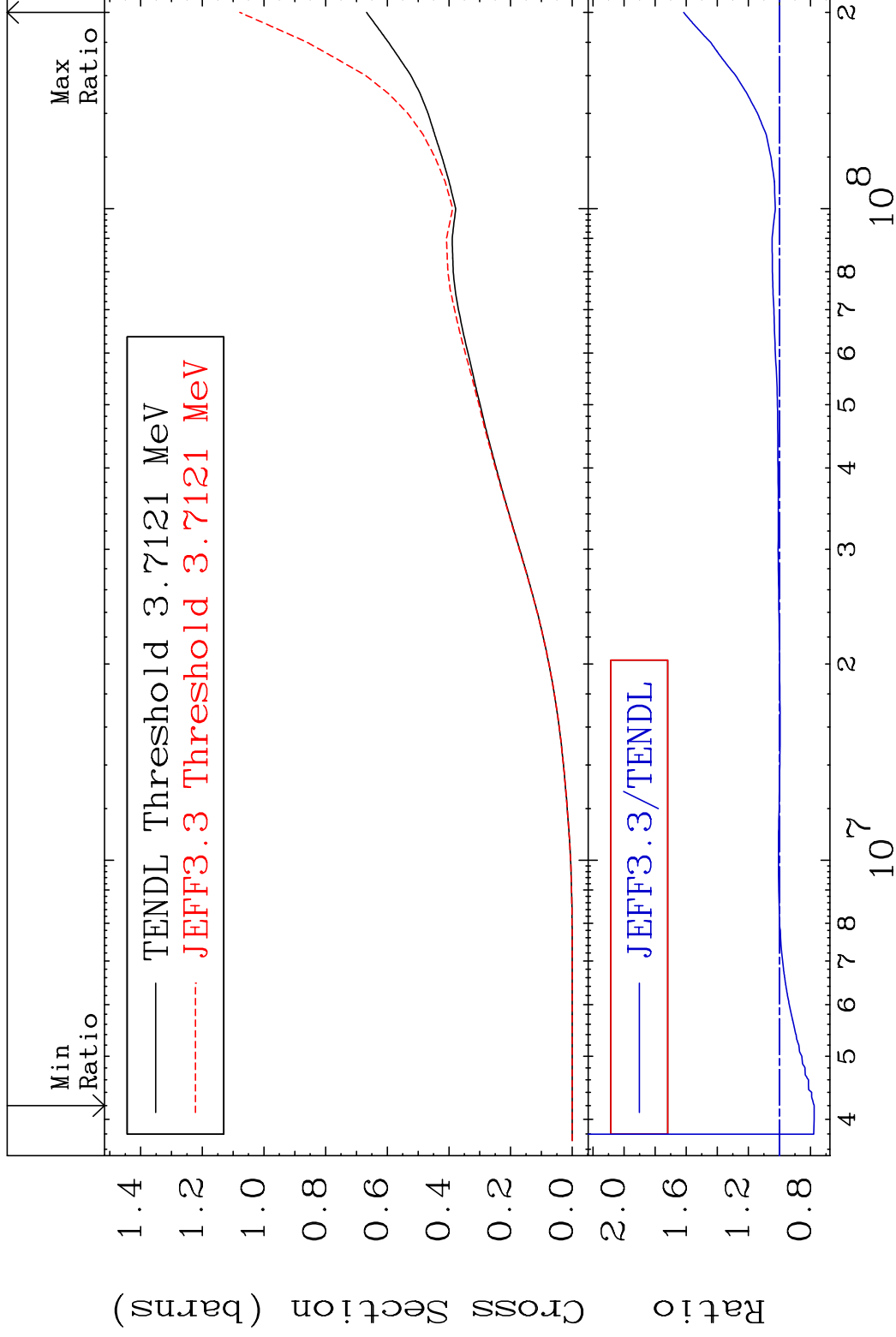


MAT 3037

Hydrogen Production

30-Zn-68

Cross Section -22.37 To 61.60 %

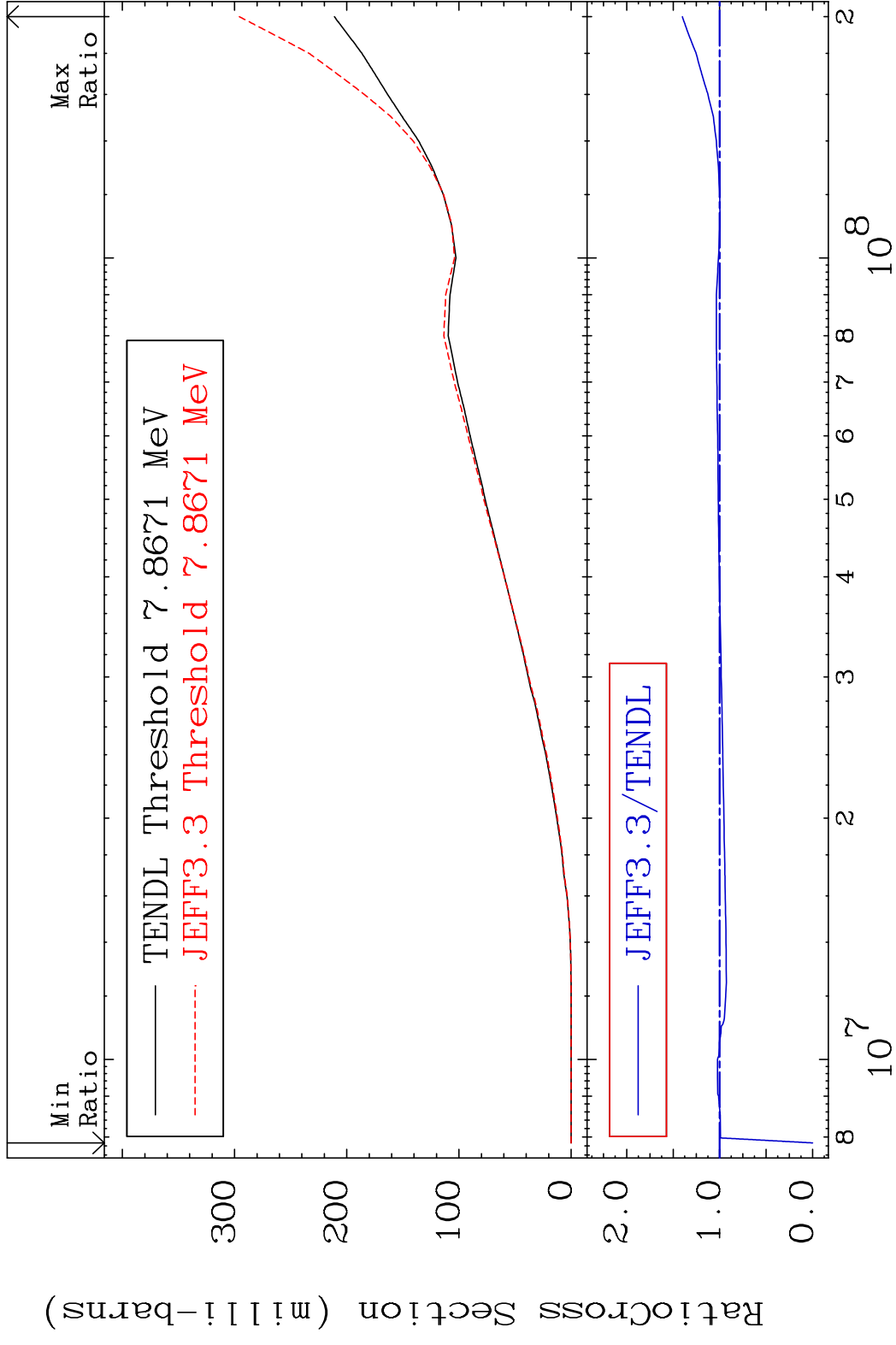


48

Incident Energy (eV)

30-Zn-68

MAT 3037 Deuterium Production 30-Zn-68
 Cross Section -100.0 To 40.11 %



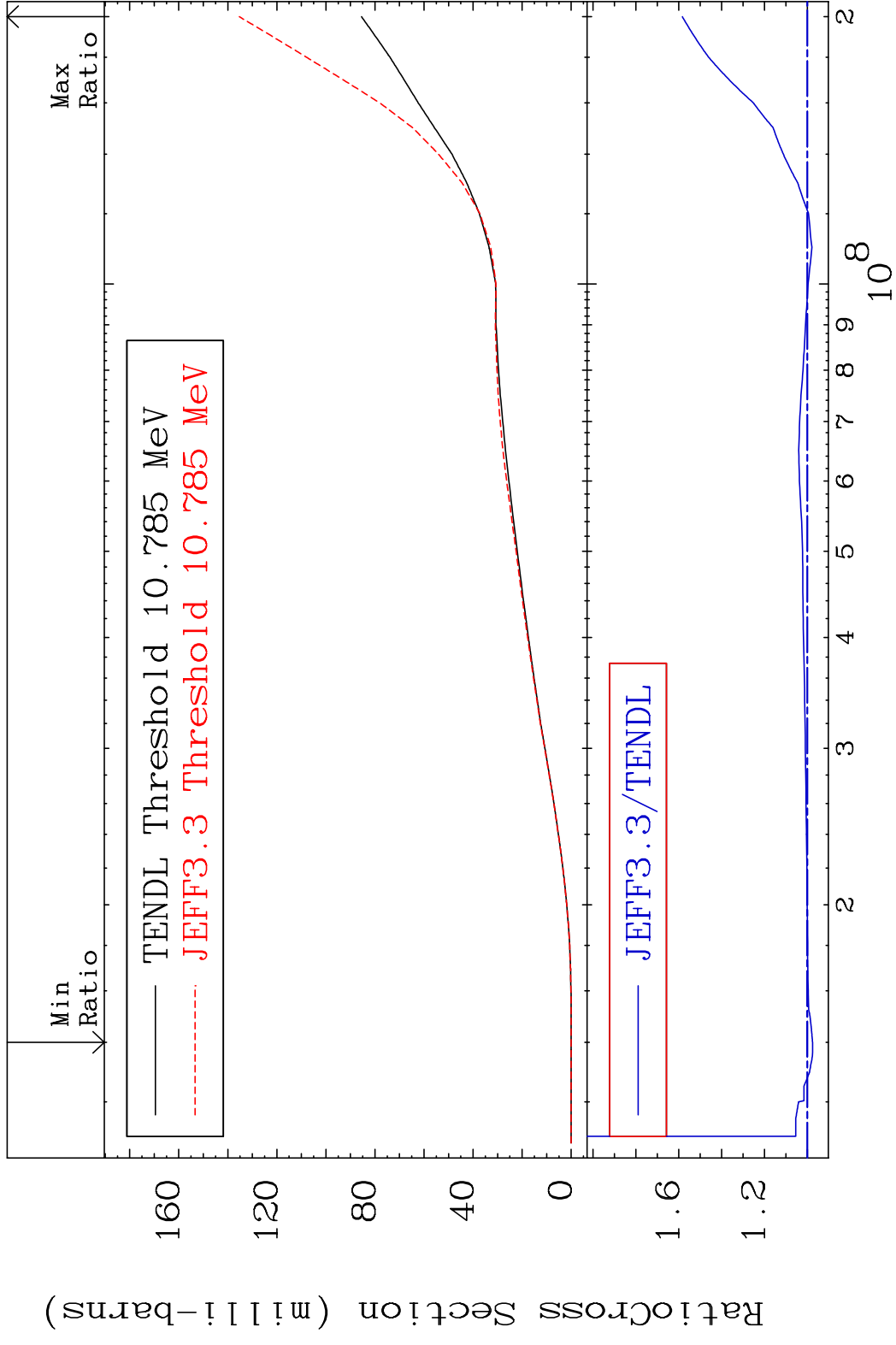
49 Incident Energy (eV) 30-Zn-68

MAT 3037

Tritium Production

30-Zn-68

Cross Section -2.388 To 58.31 %



50

Incident Energy (eV)

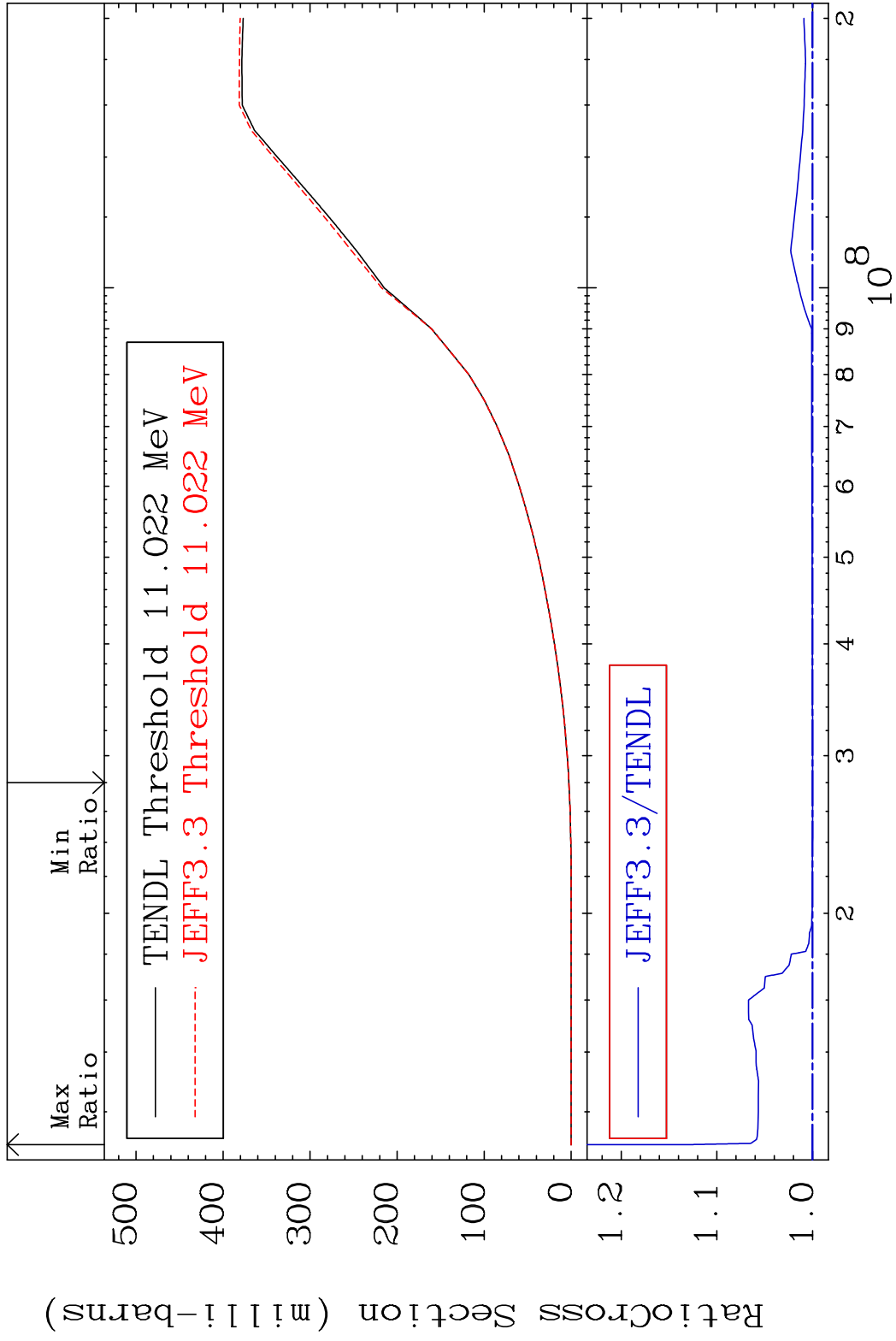
30-Zn-68

MAT 3037

He-3 Production

30-Zn-68

Cross Section -0.003 To 13.61 %

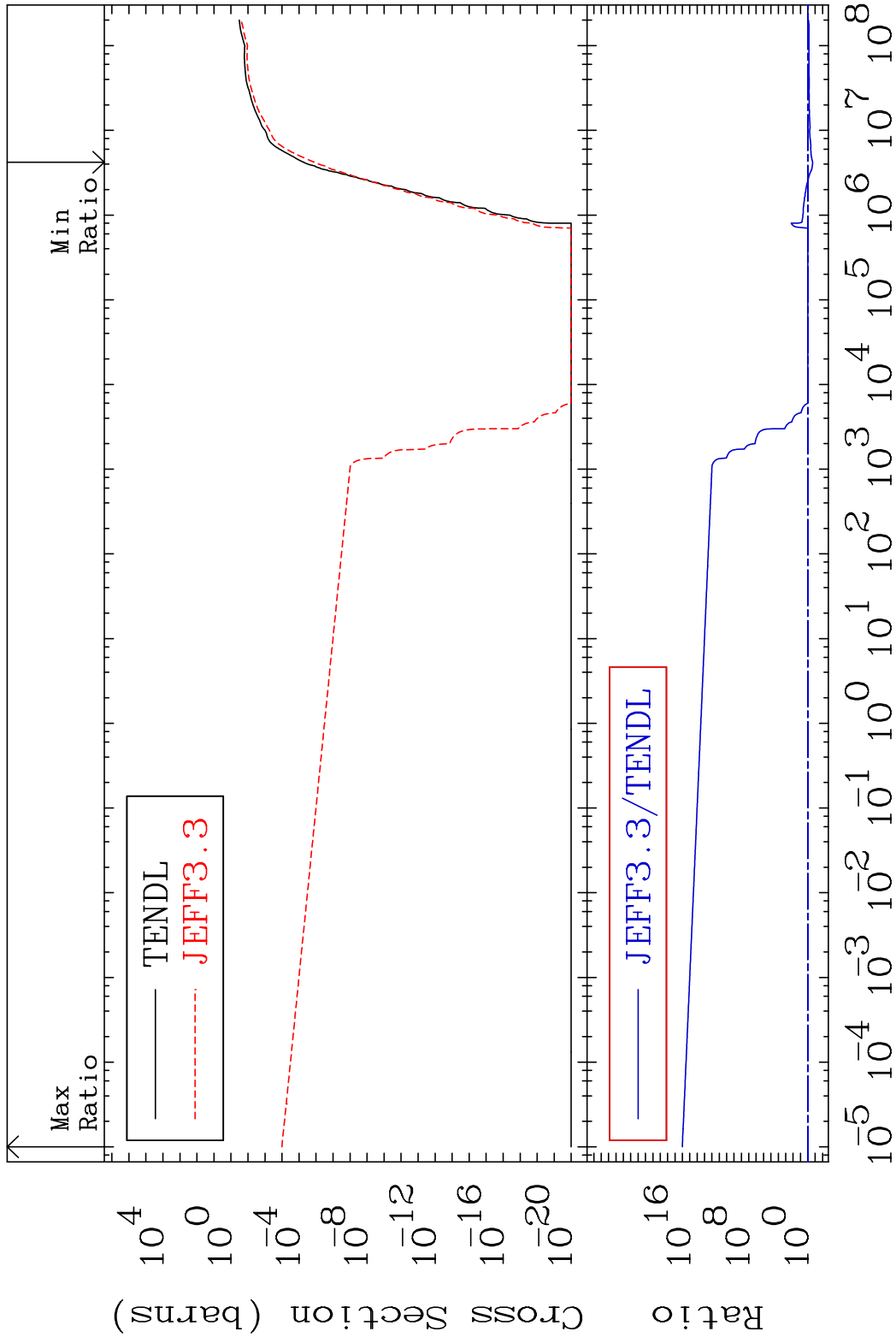


MAT 3037

He-4 Production

30-Zn-68

Cross Section -77.25 To 9999. %



52

Incident Energy (eV)

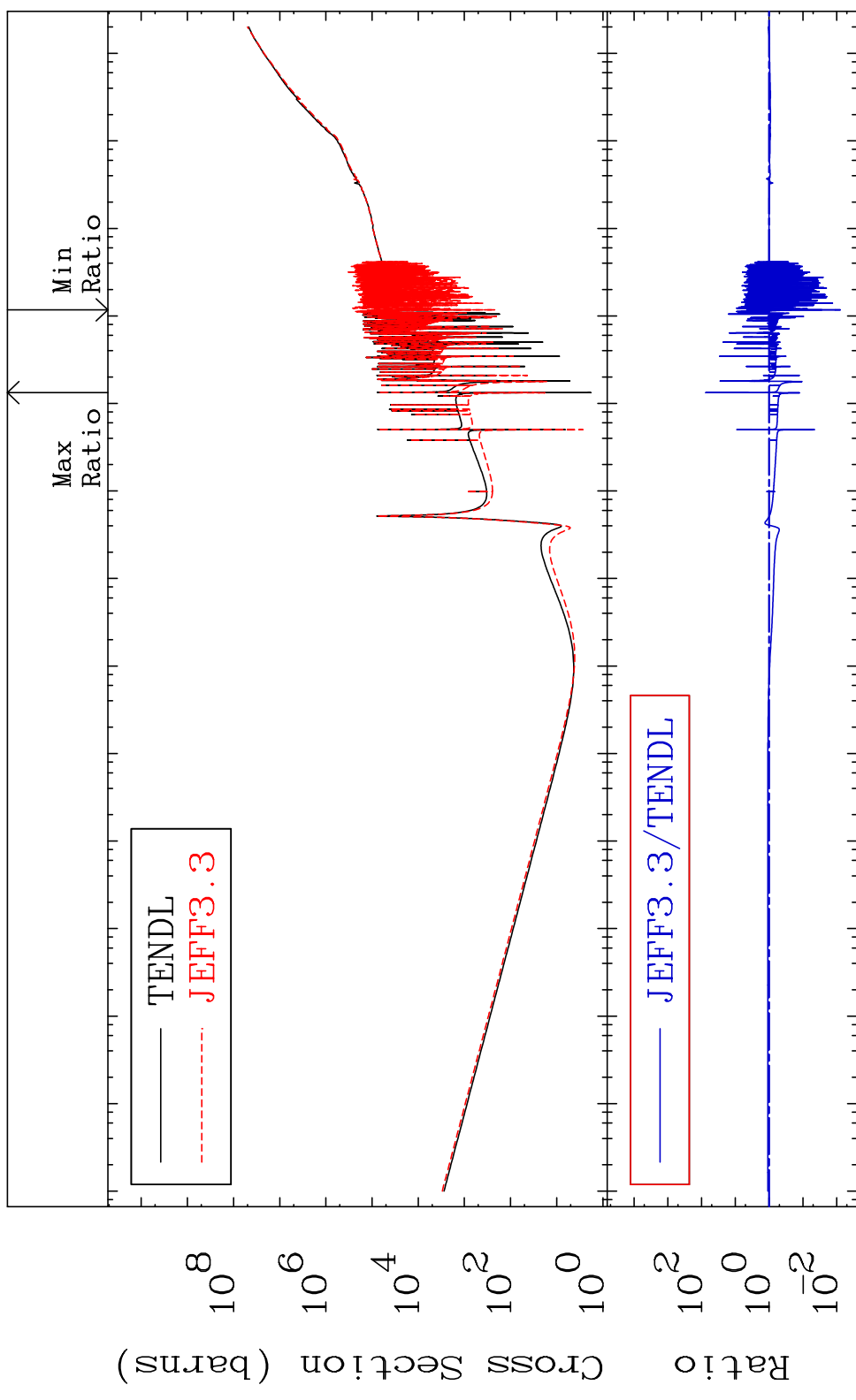
30-Zn-68

MAT 3037

Kerma total (eV-barns)

30-Zn-68

Cross Section -99.23 To 7431. %



53

Incident Energy (eV)

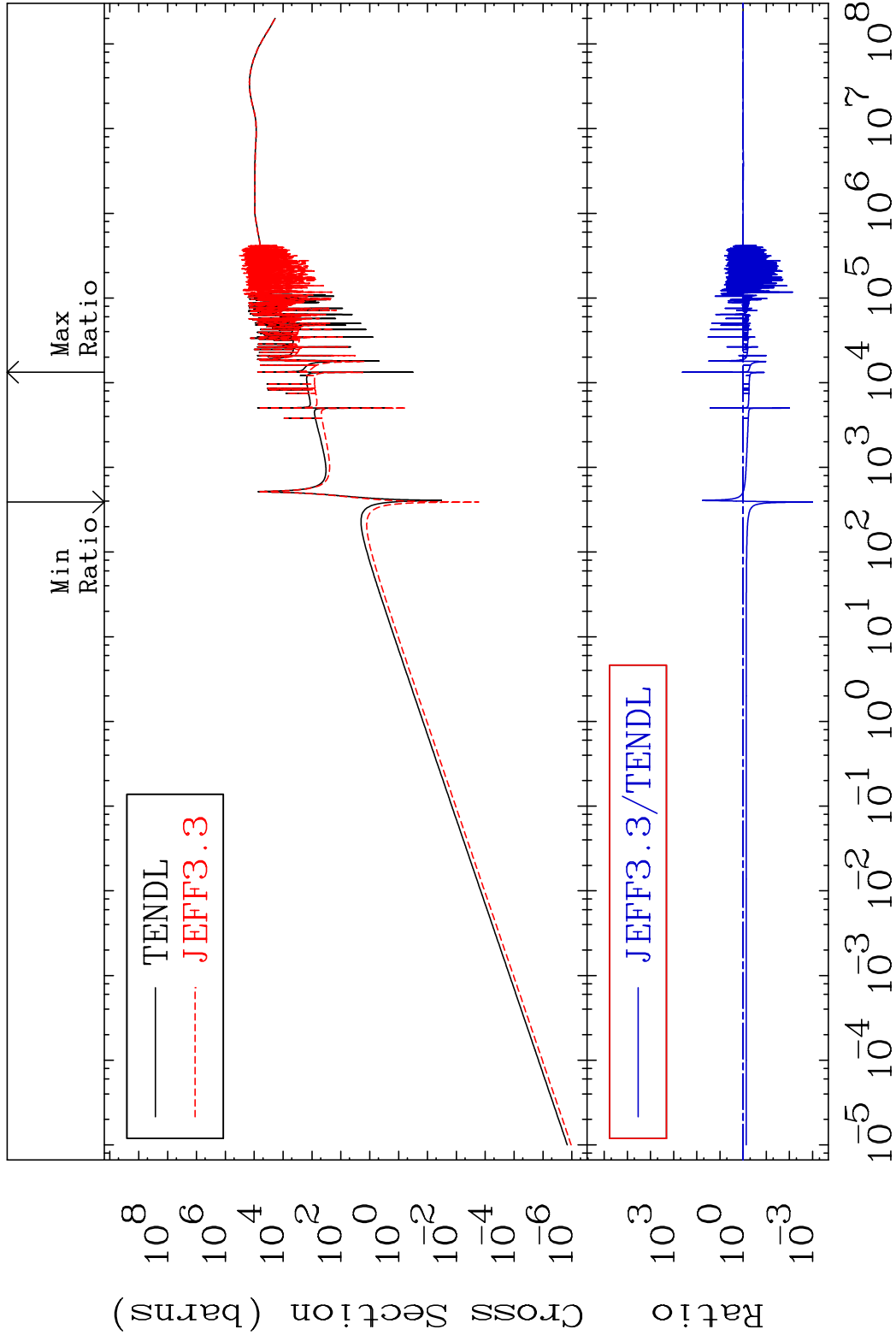
30-Zn-68

MAT 3037

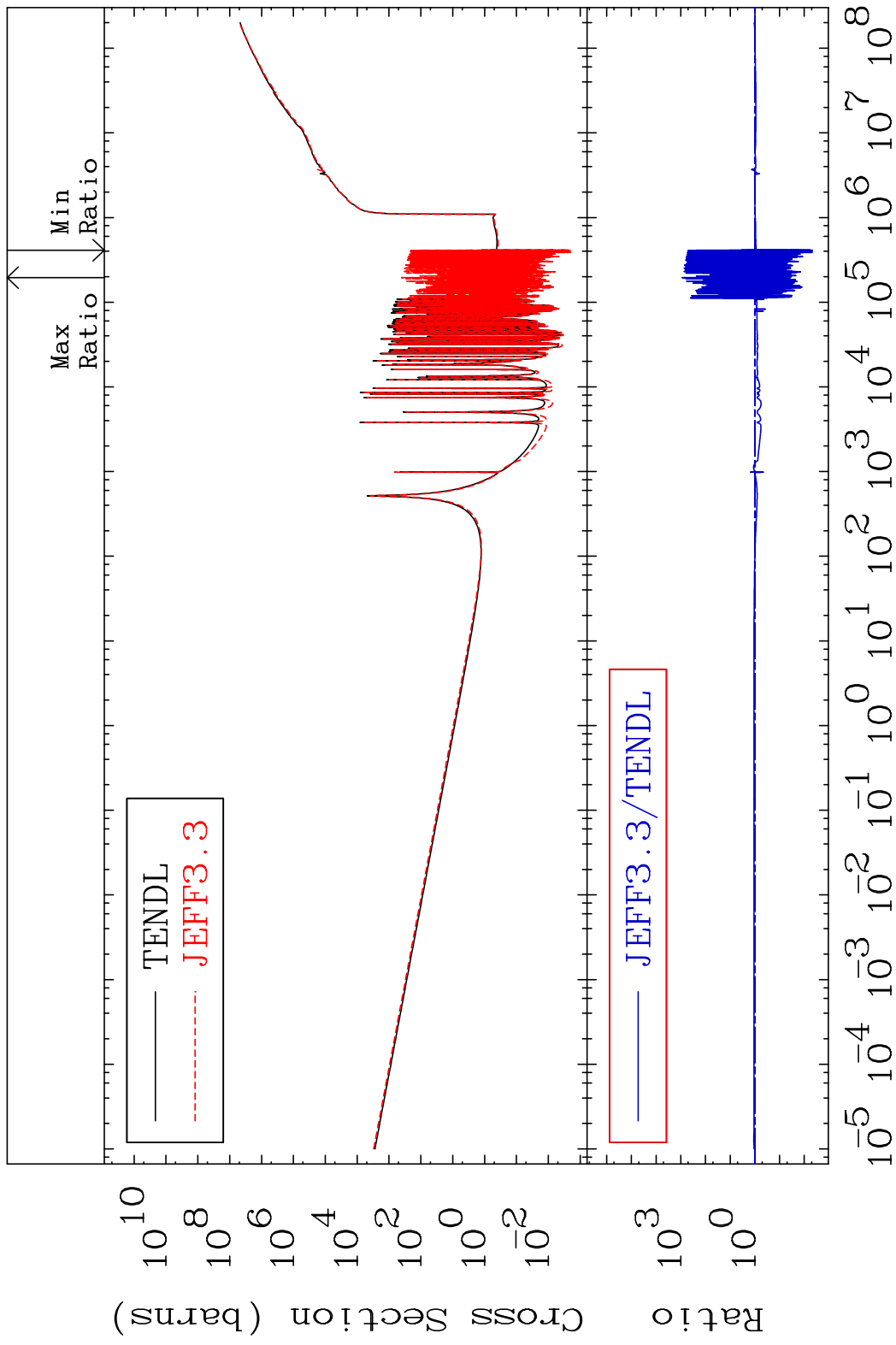
Kerma elastic
Cross Section

30-Zn-68

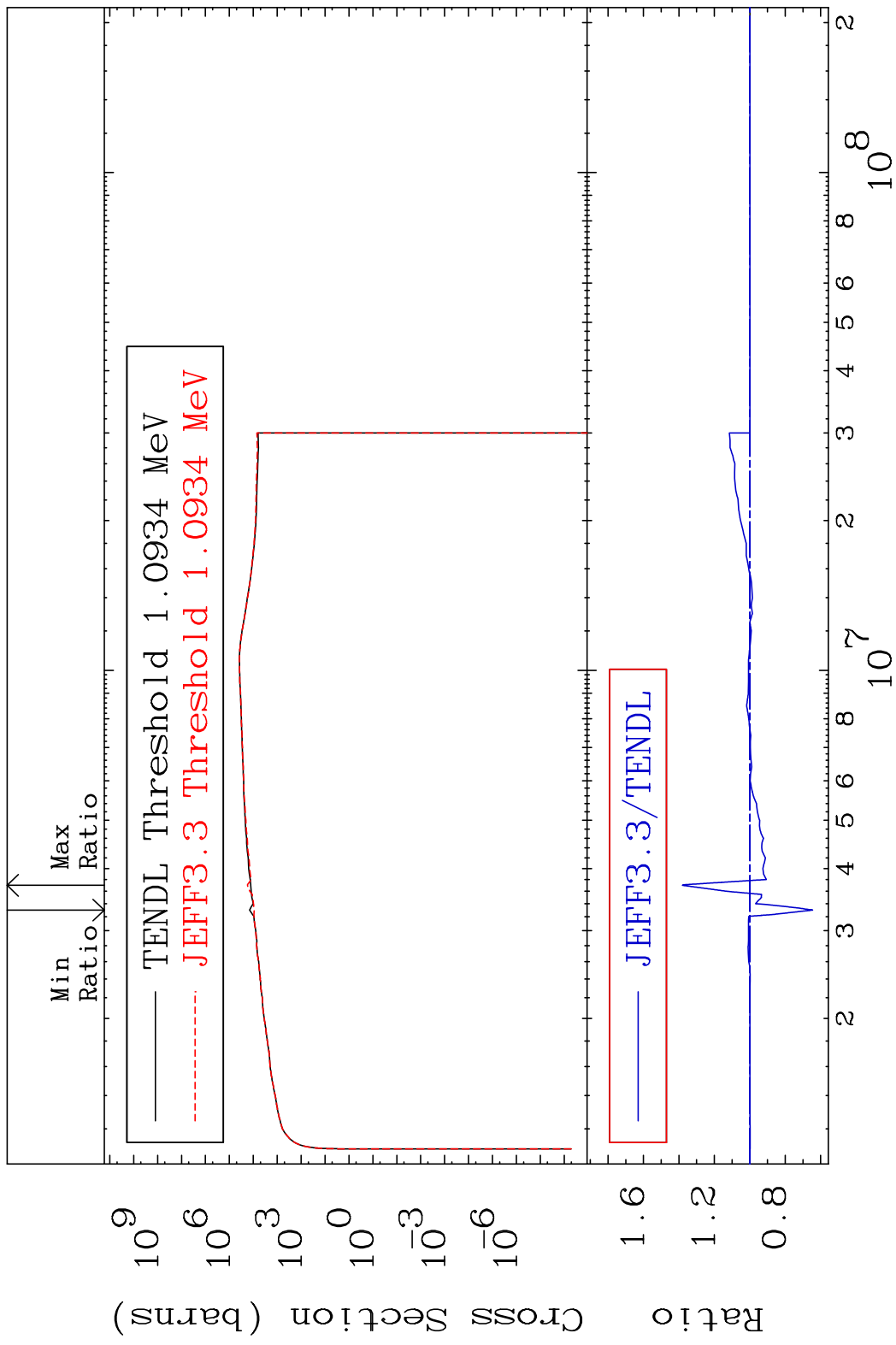
-99.90 To 9999. %



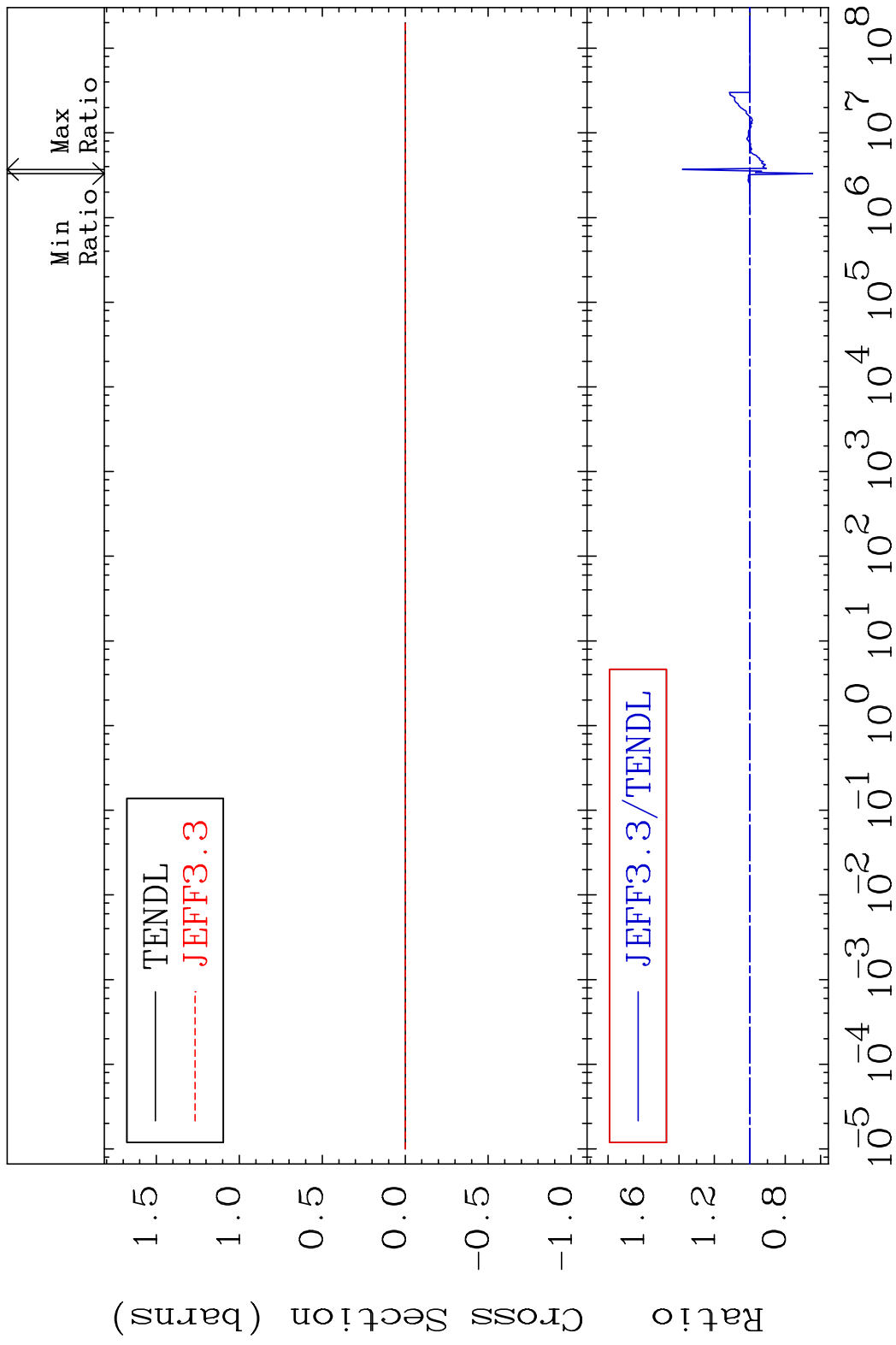
MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68
 Cross Section -99.54 To 9999. %



MAT 3037 Kerma inelastic (mt51-91) 30-Zn-68
 Cross Section -35.41 To 38.06 %

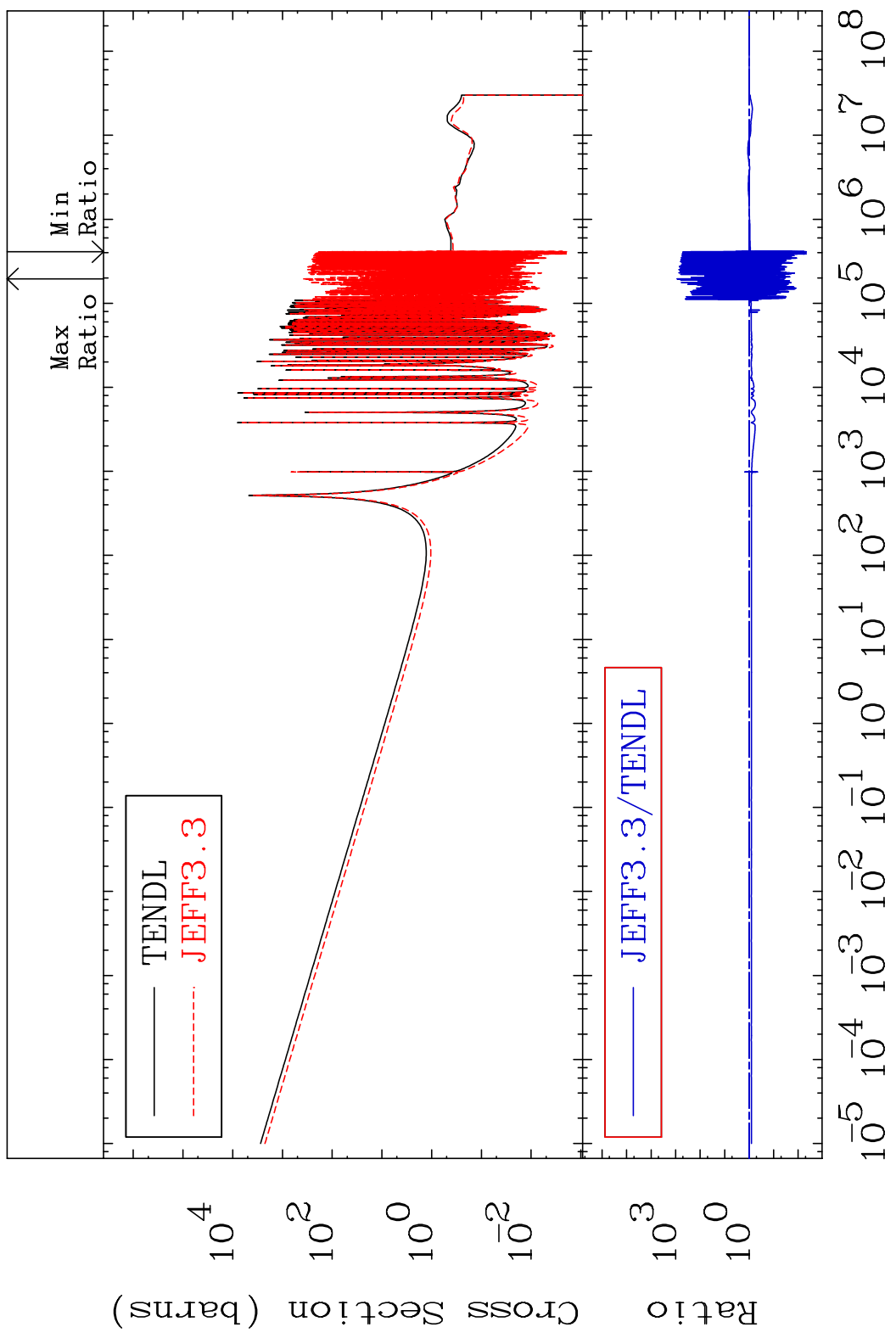


MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68
 Cross Section -35.41 To 38.06 %



MAT 3037

Kerma capture (mt102) 30-Zn-68
Cross Section -99.54 To 9999. %



58

Incident Energy (eV)

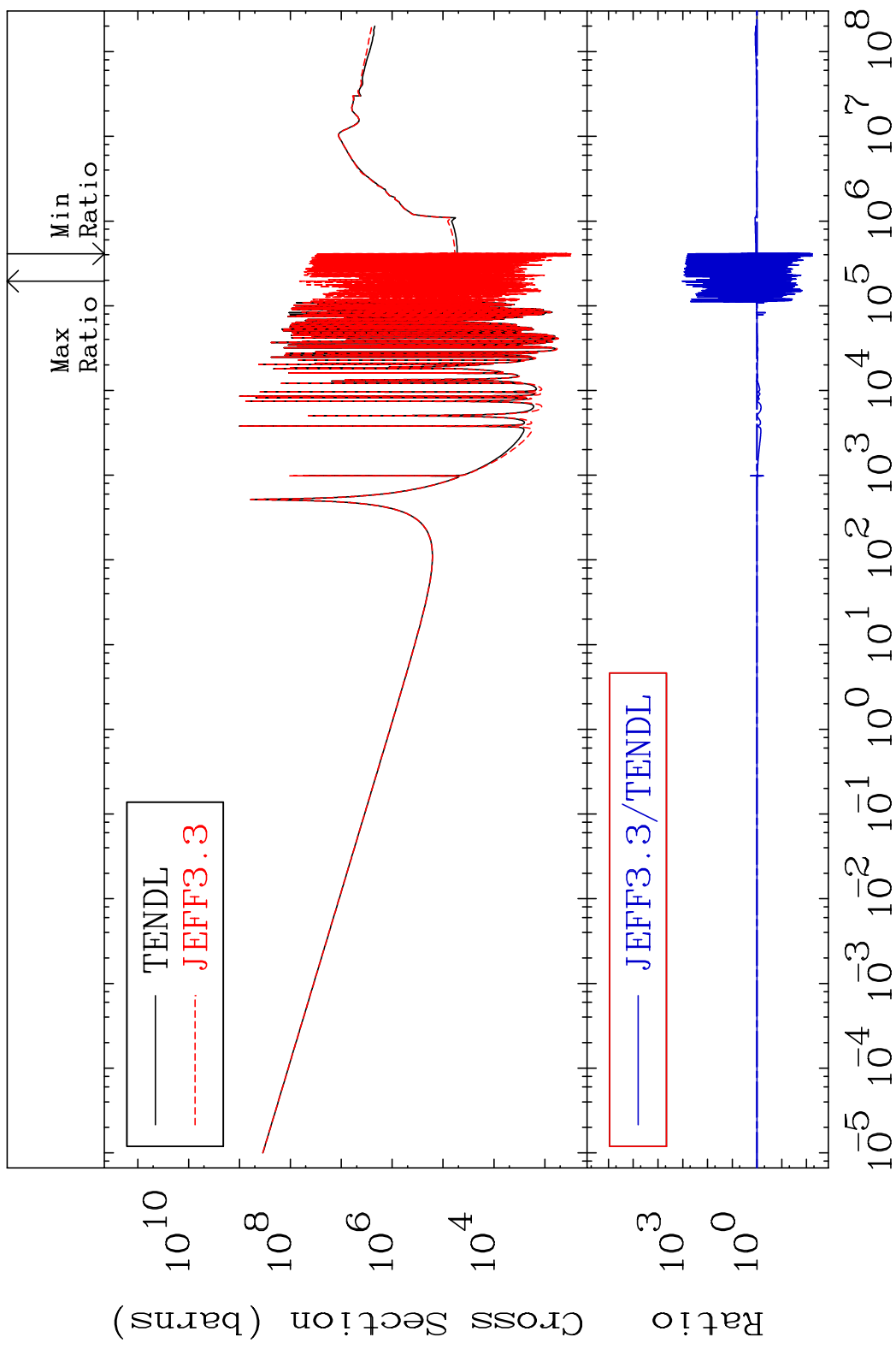
30-Zn-68

MAT 3037

Total photon (eV-barns)

30-Zn-68

Cross Section -99.43 To 9999. %

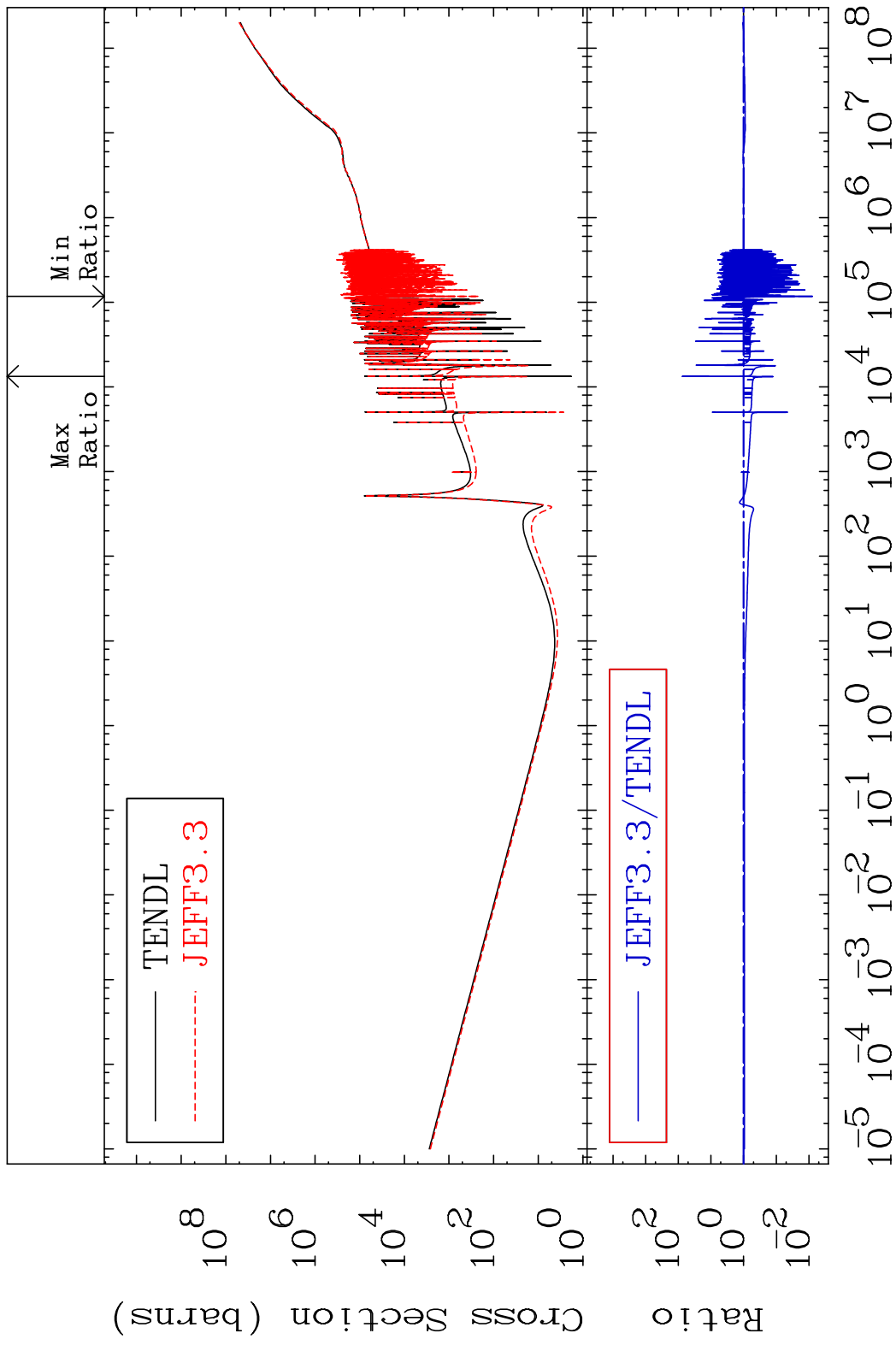


59

Incident Energy (eV)

30-Zn-68

MAT 3037 Total kinematic kerma (high limit) 30-Zn-68
 Cross Section -99.23 To 7431. %



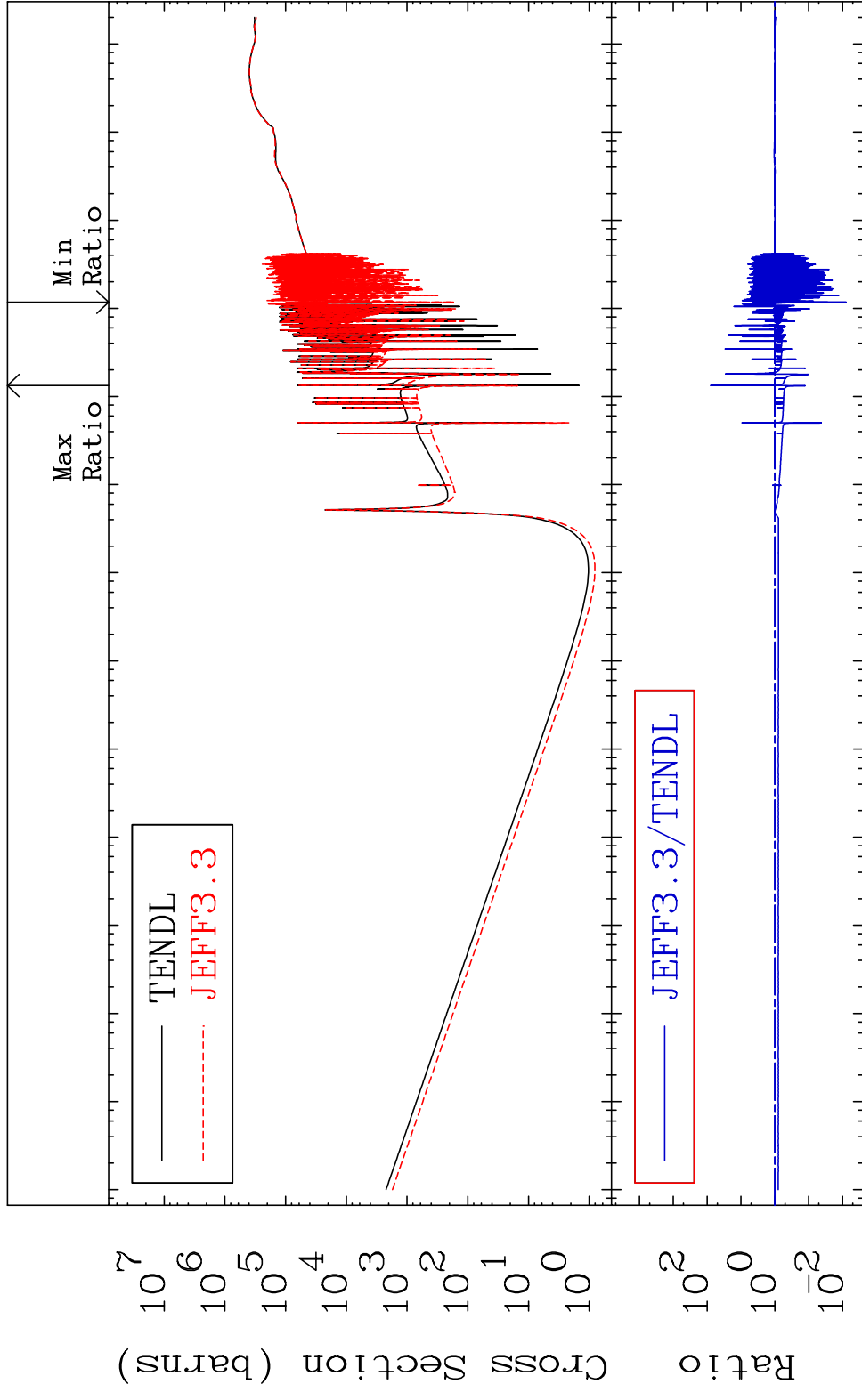
60 Incident Energy (eV) 30-Zn-68

MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.23 To 7724. %



61

Incident Energy (eV)

30-Zn-68

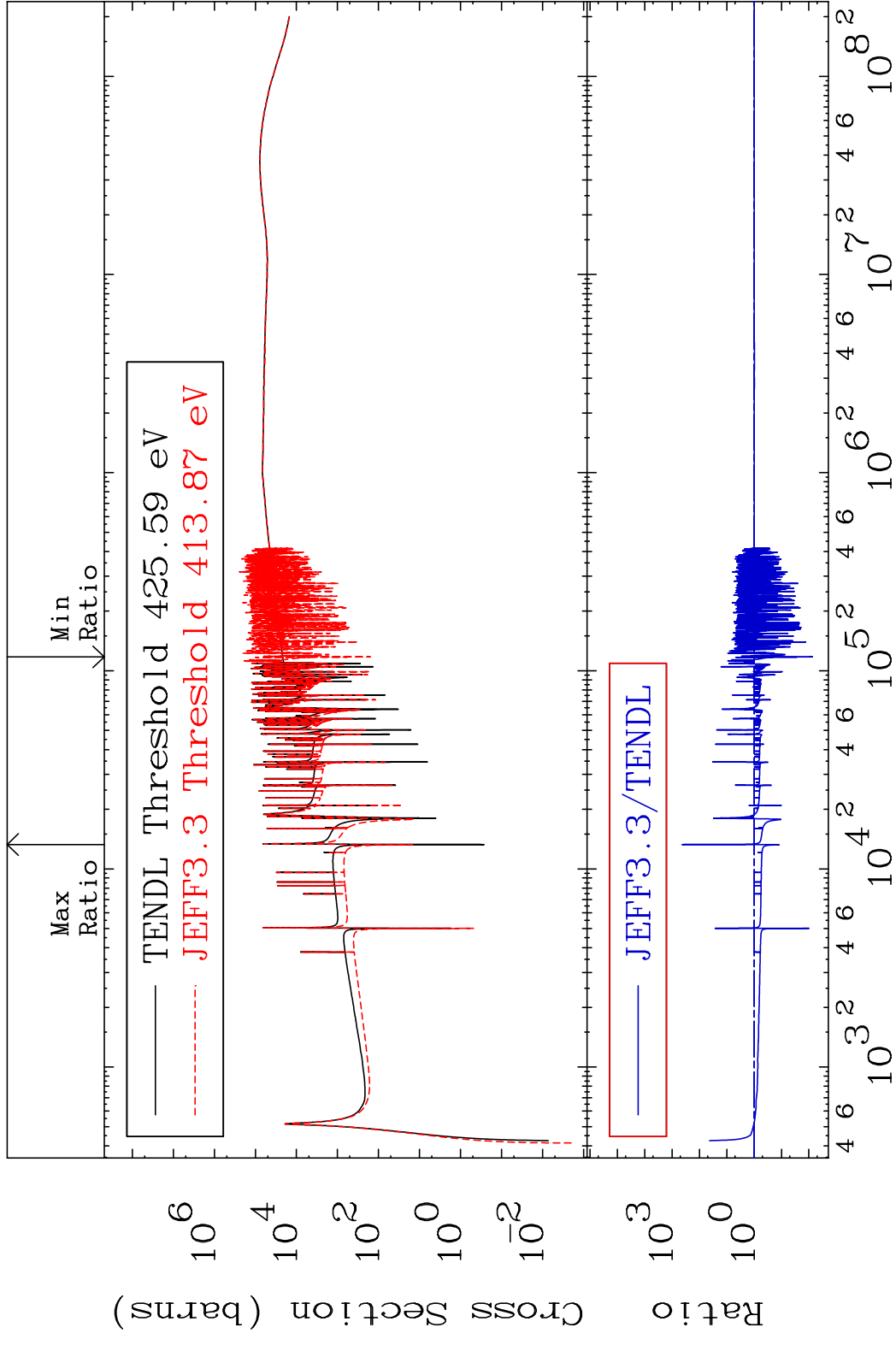
MAT 3037

Dpa elastic (mt2)

30-Zn-68

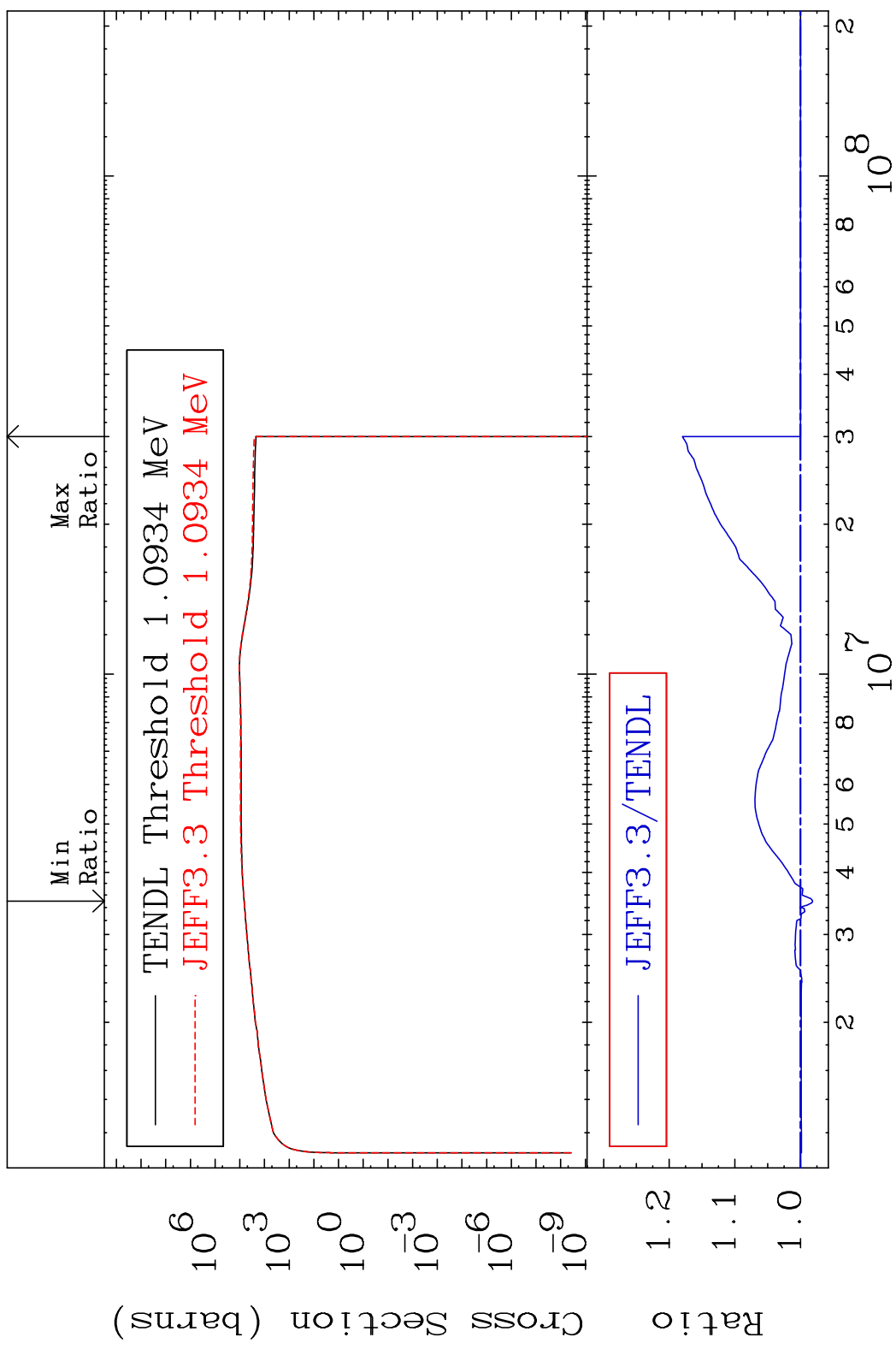
Cross Section

-99.27 To 9999. %

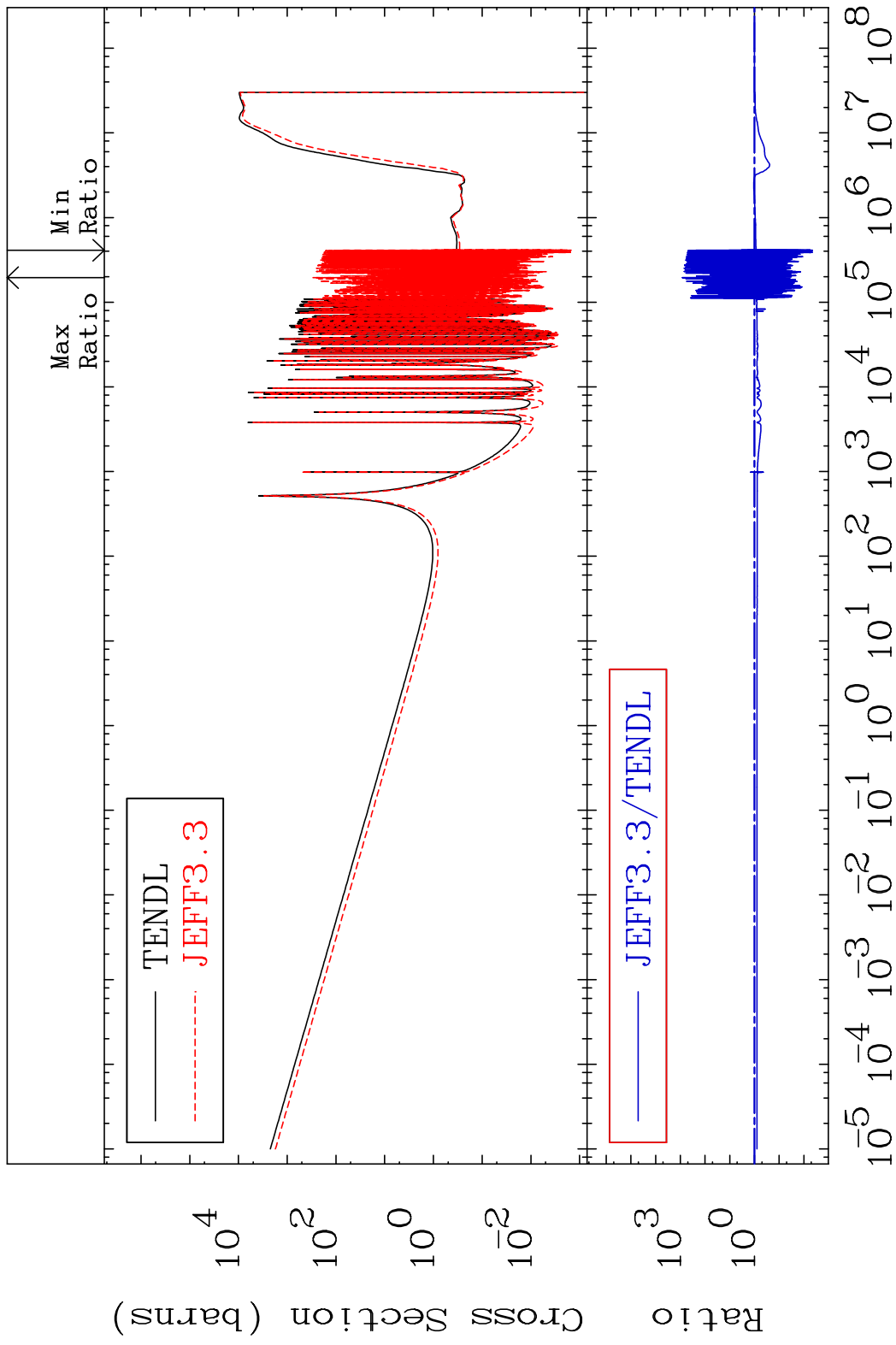


MAT 3037

Dpa inelastic (mt51-91) 30-Zn-68
Cross Section -1.828 To 18.00 %



MAT 3037 Dpa disappearance (mt102 -120) 30-Zn-68
 Cross Section -99.55 To 9999. %



MAT 3037 (n, p) : 29-Cu-68g 30-Zn-68
 Radionuclide Production Cross Section 0.000 %

