

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

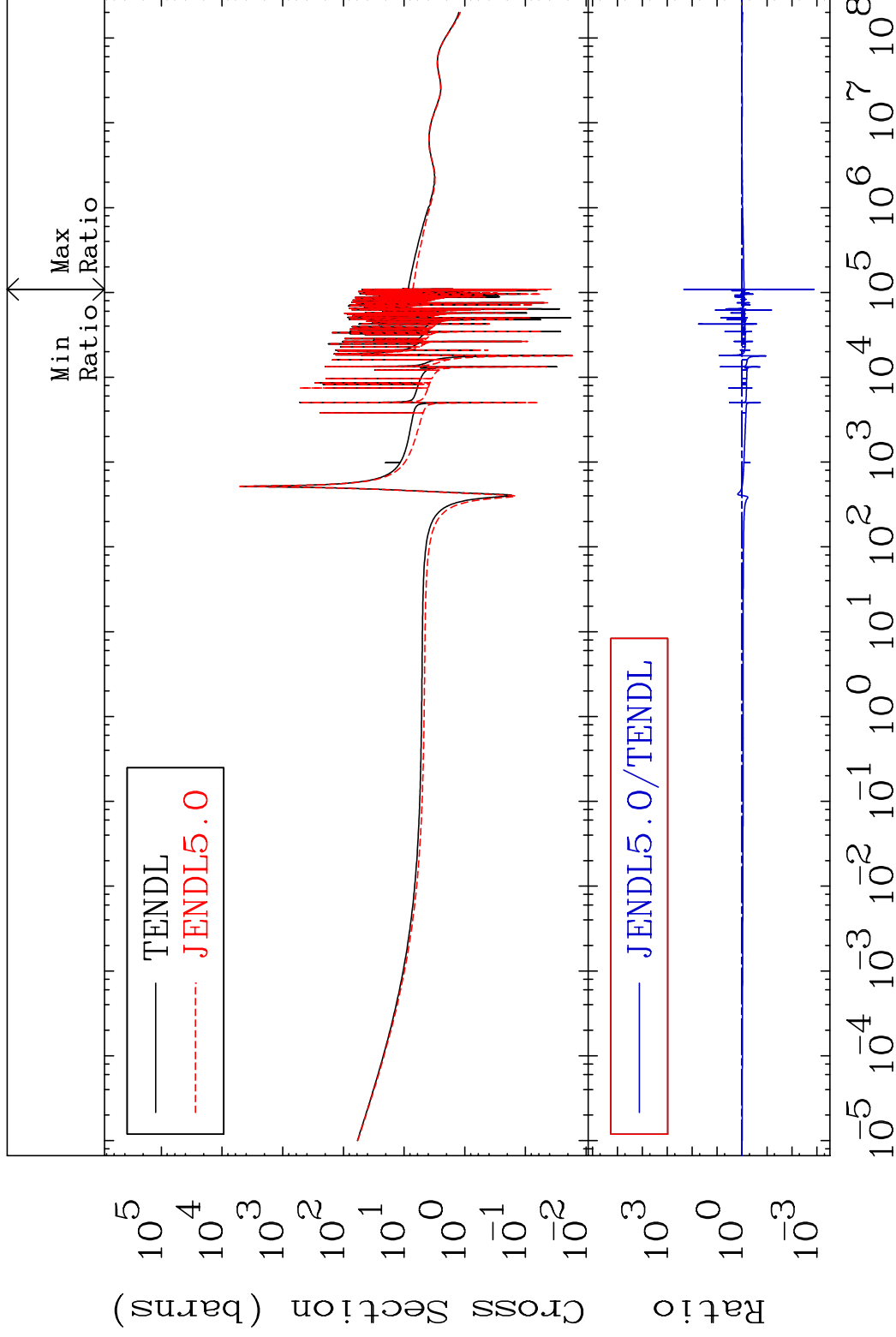
MAT 3037

Total

30-Zn-68

Cross Section

-99.87 To 9999. %



1

Incident Energy (eV)

30-Zn-68

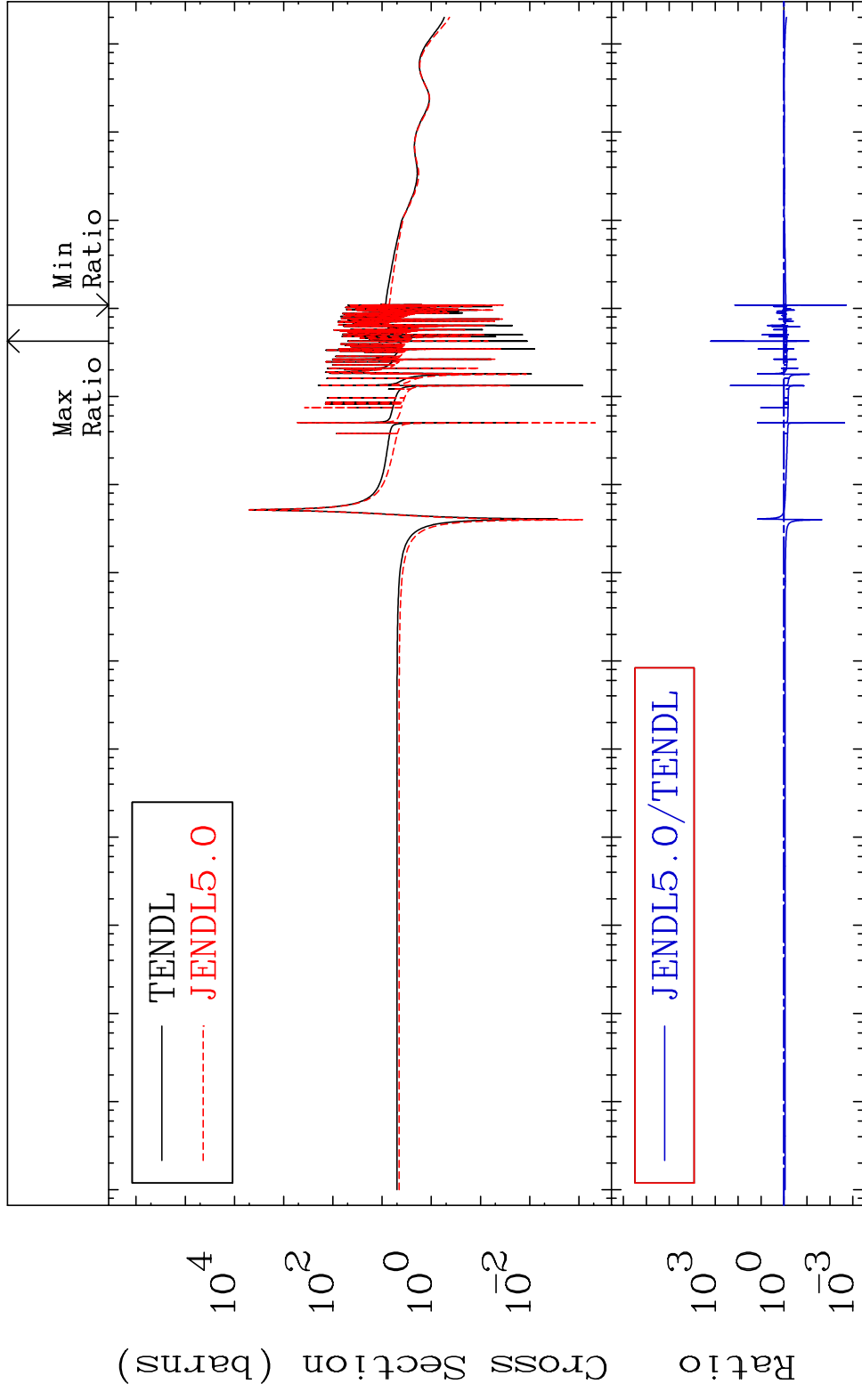
MAT 3037

Elastic

30-Zn-68

Cross Section

-99.81 To 9999. %



2

Incident Energy (eV)

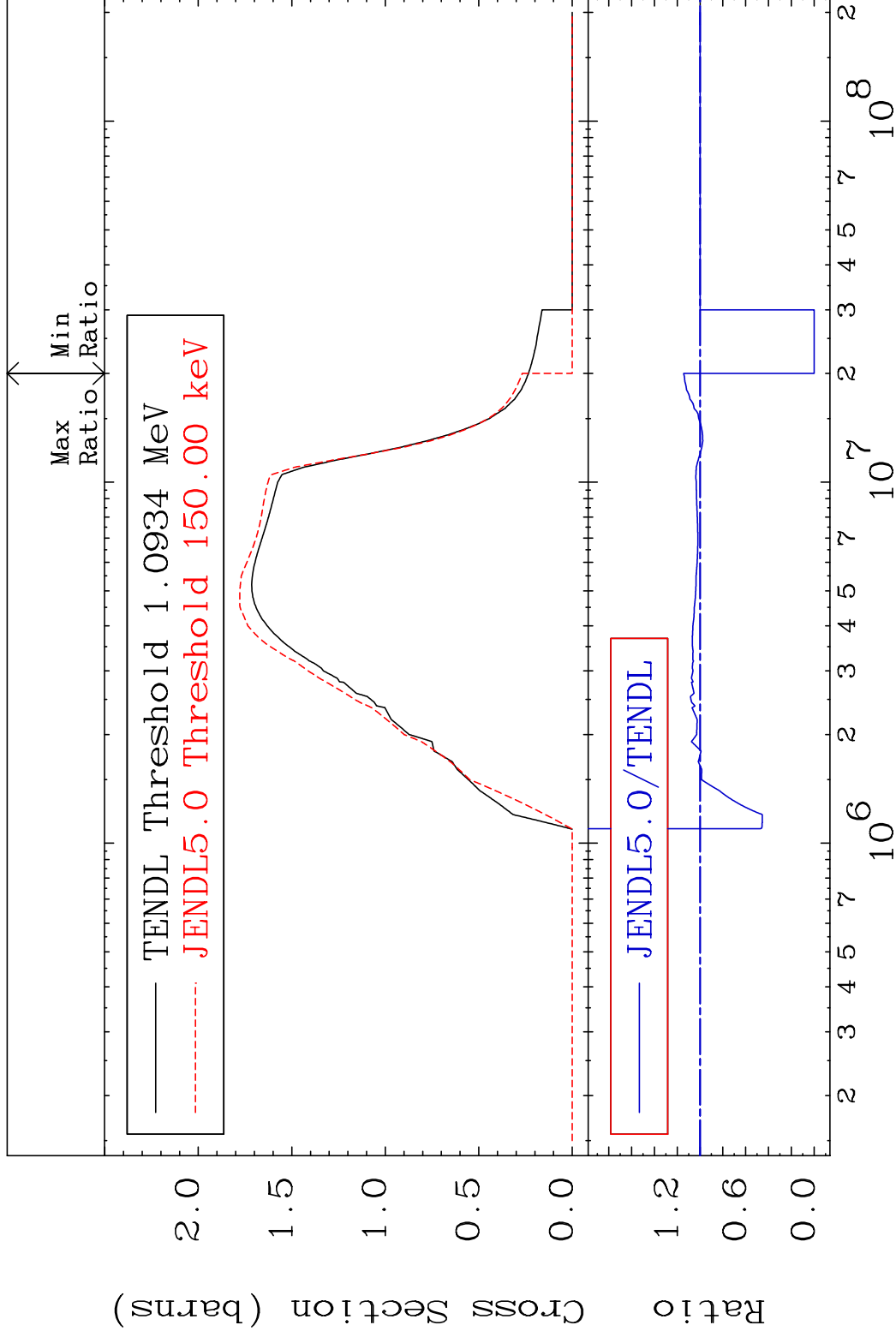
30-Zn-68

MAT 3037

Inelastic

30-Zn-68

Cross Section -100.0 To 14.36 %



3

Incident Energy (eV)

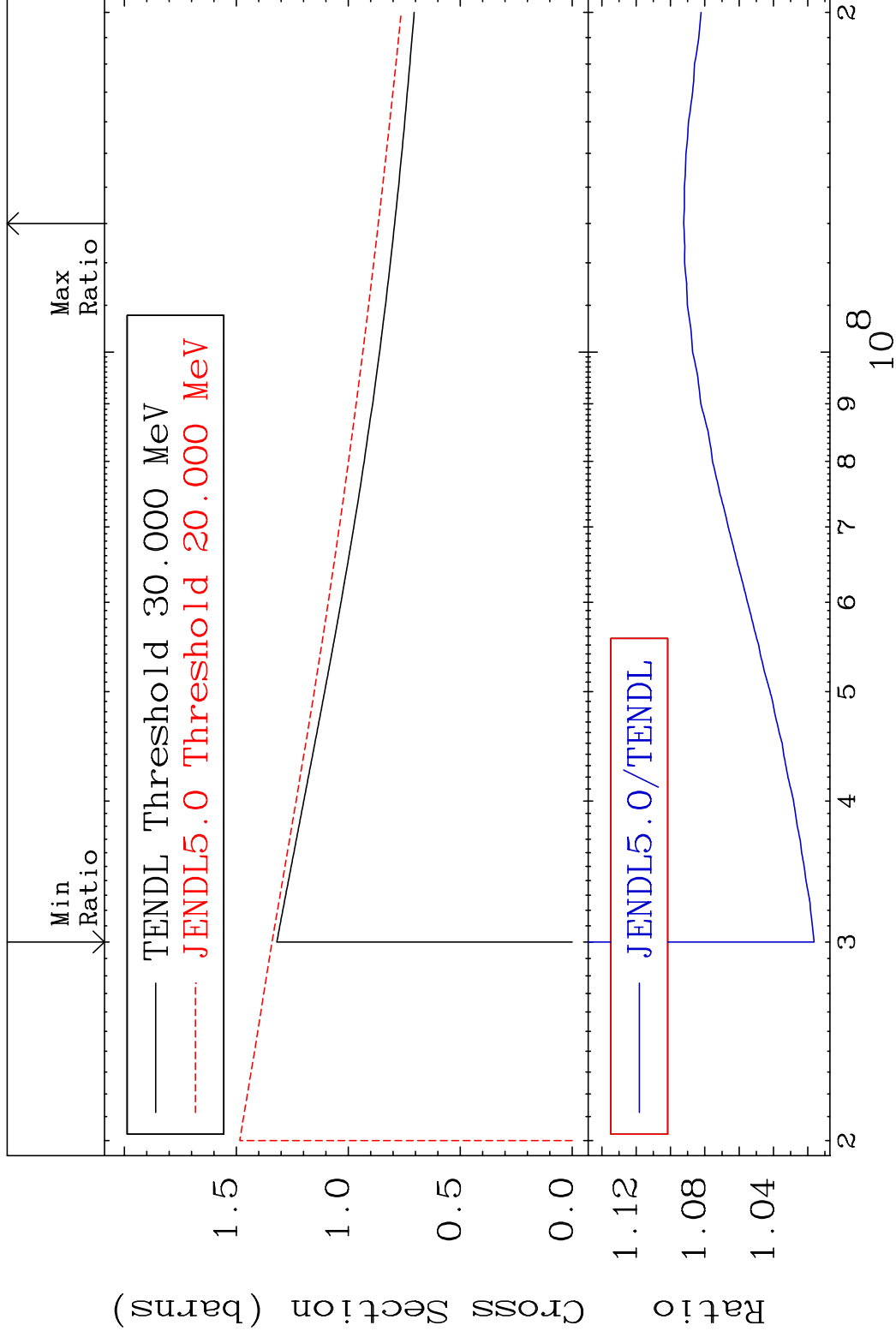
30-Zn-68

MAT 3037

(n, remainder)

30-Zn-68

Cross Section 1.635 To 9.233 %



4

Incident Energy (eV)

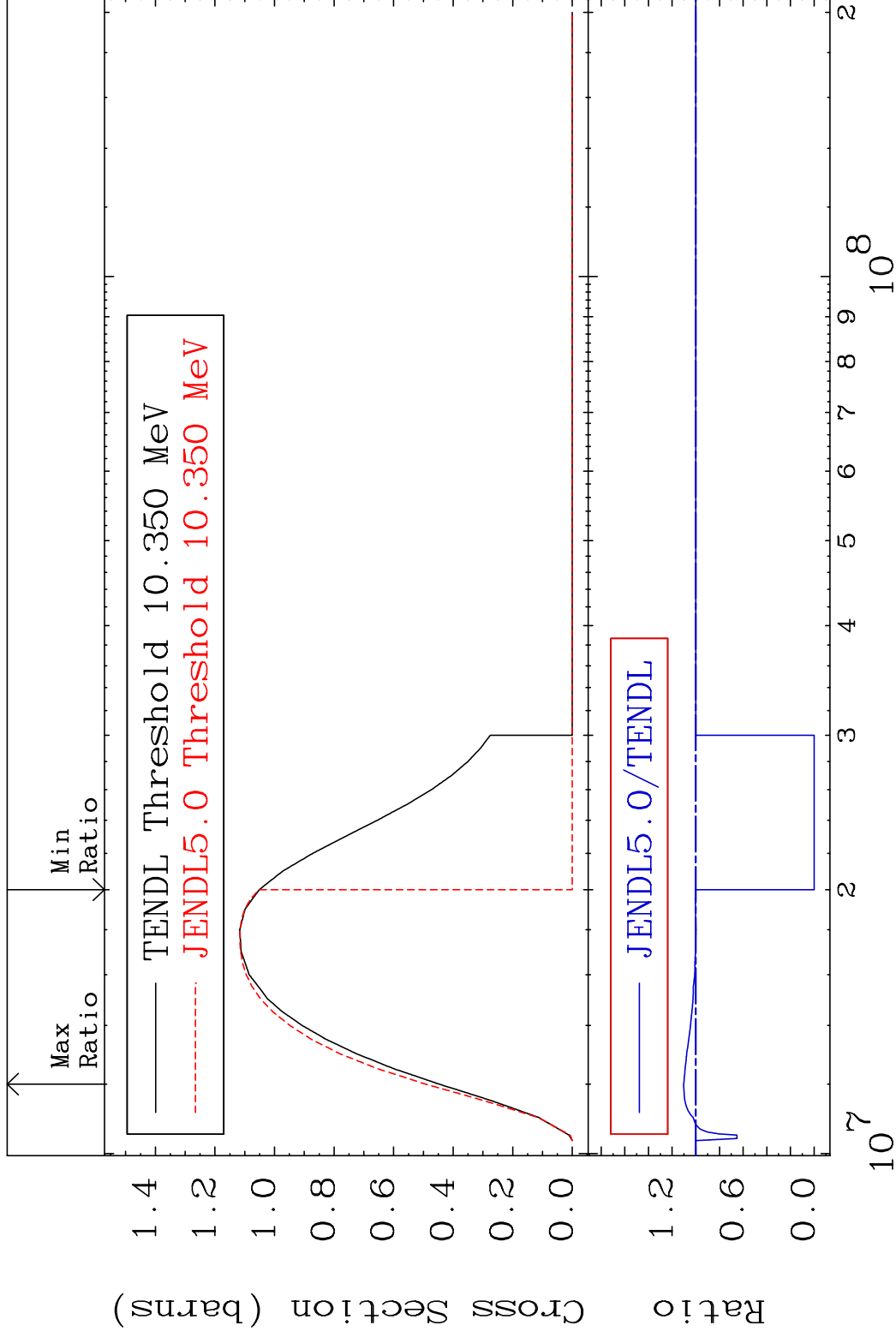
30-Zn-68

MAT 3037

(n,2n)

30-Zn-68

Cross Section -100.0 To 10.27 %

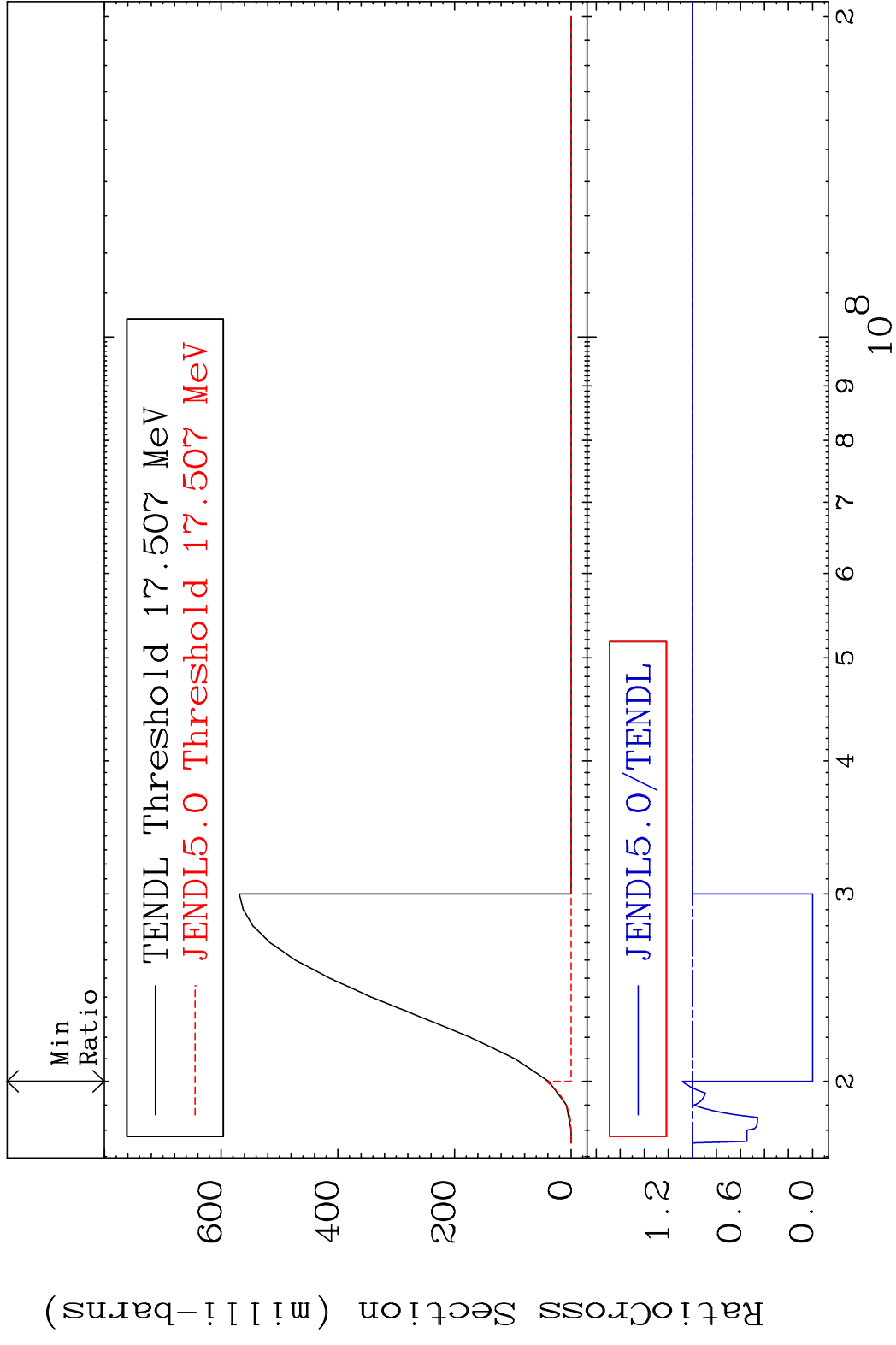


5

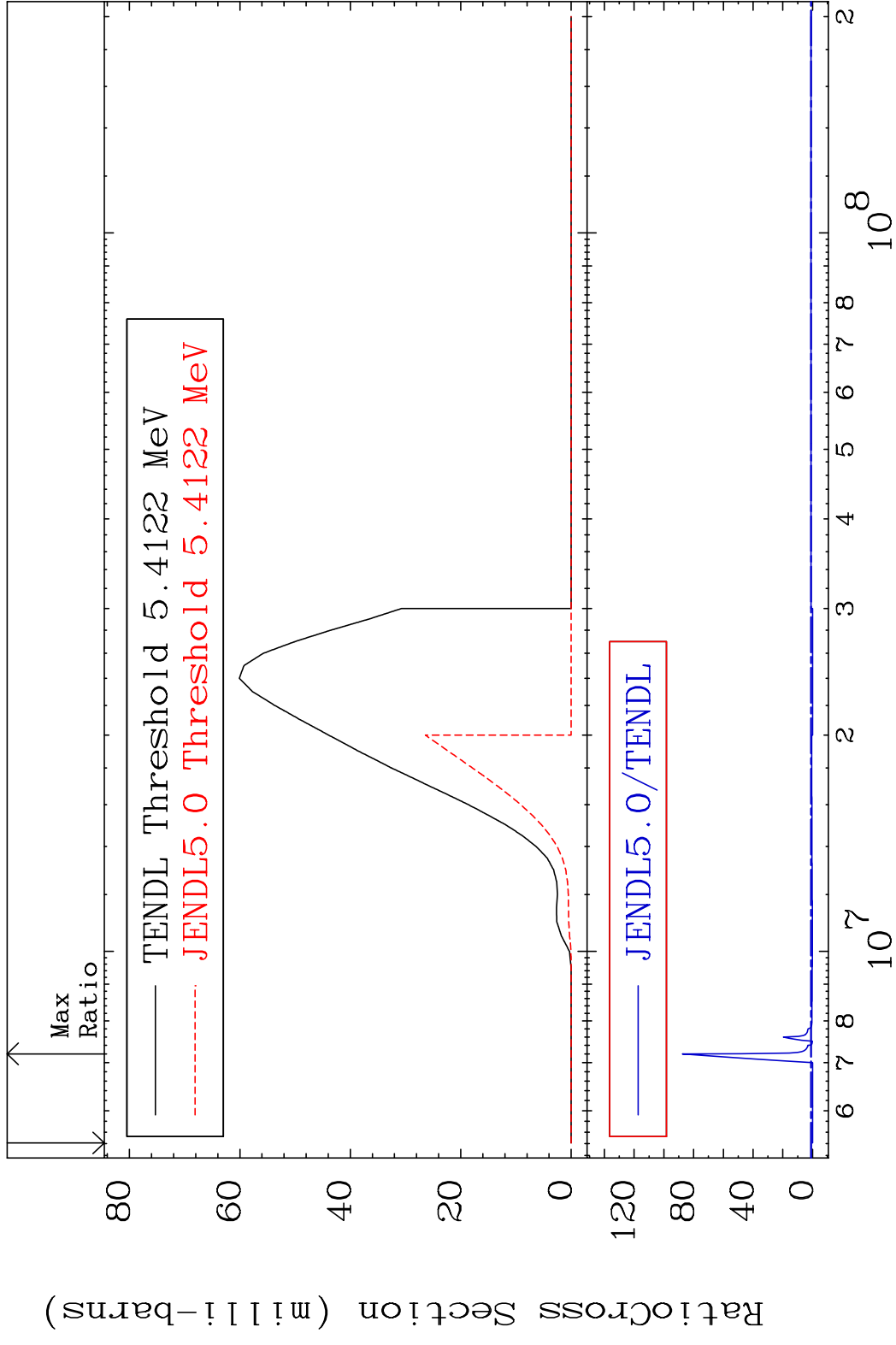
Incident Energy (eV)

30-Zn-68

MAT 3037 (n,3n) 30-Zn-68
 Cross Section -100.0 To 8.313 %

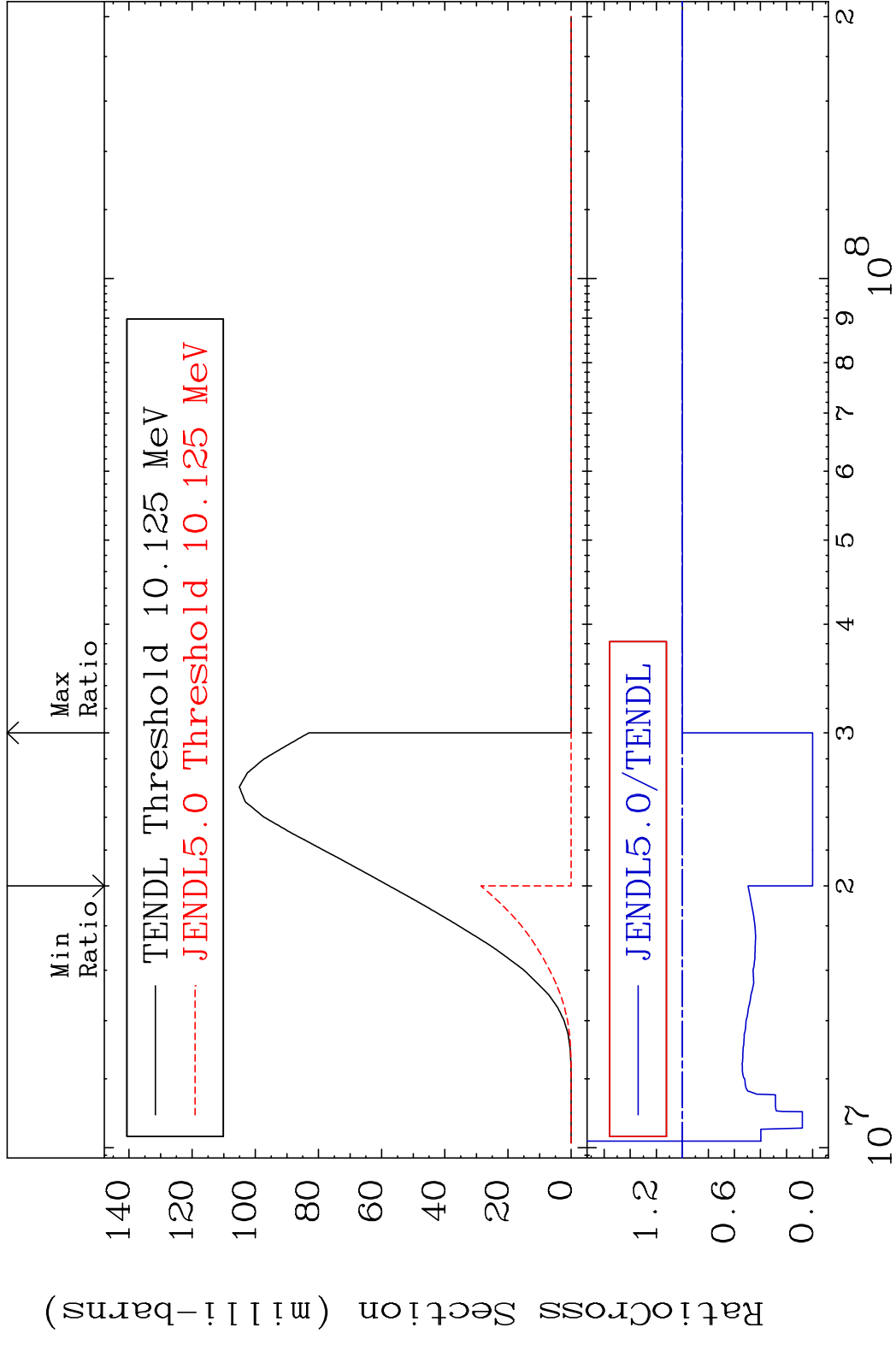


MAT 3037 (n, n') α 30-Zn-68
 Cross Section -100.0 To 8656. %



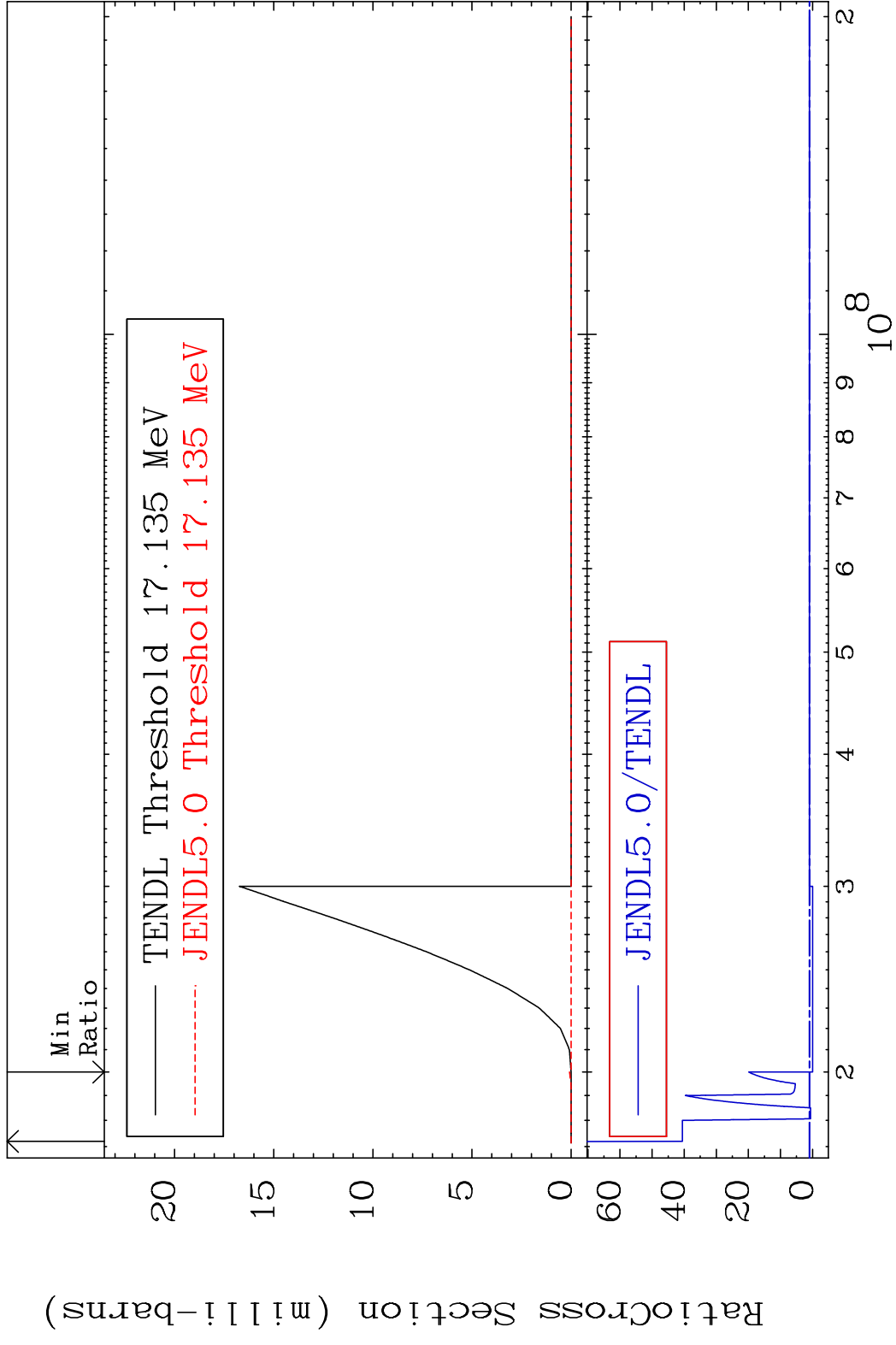
7 Incident Energy (eV) 30-Zn-68

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

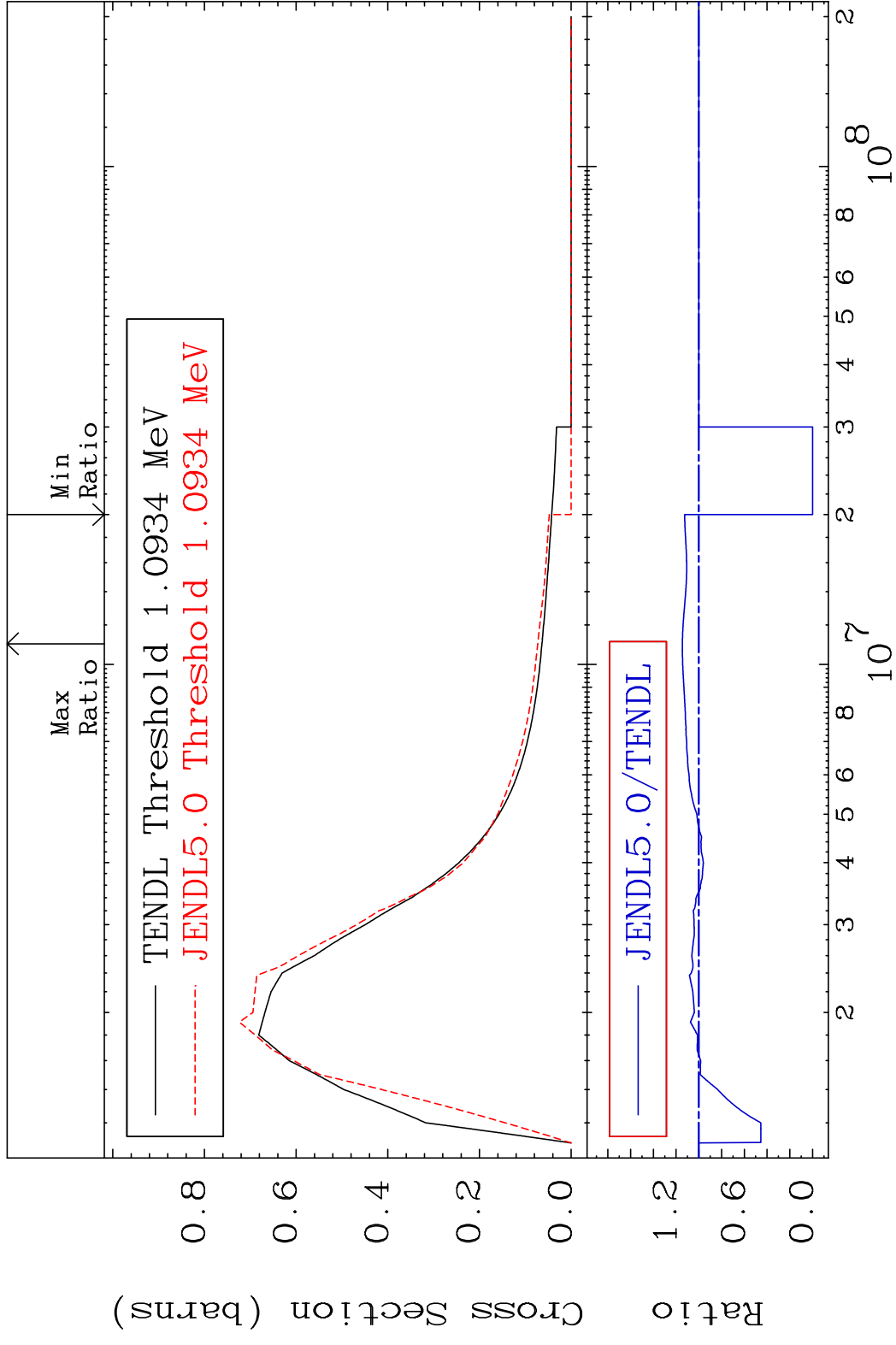


8 8 Incident Energy (eV) 30-Zn-68

MAT 3037 (n, n') d 30-Zn-68
 Cross Section -100.0 To 3957. %

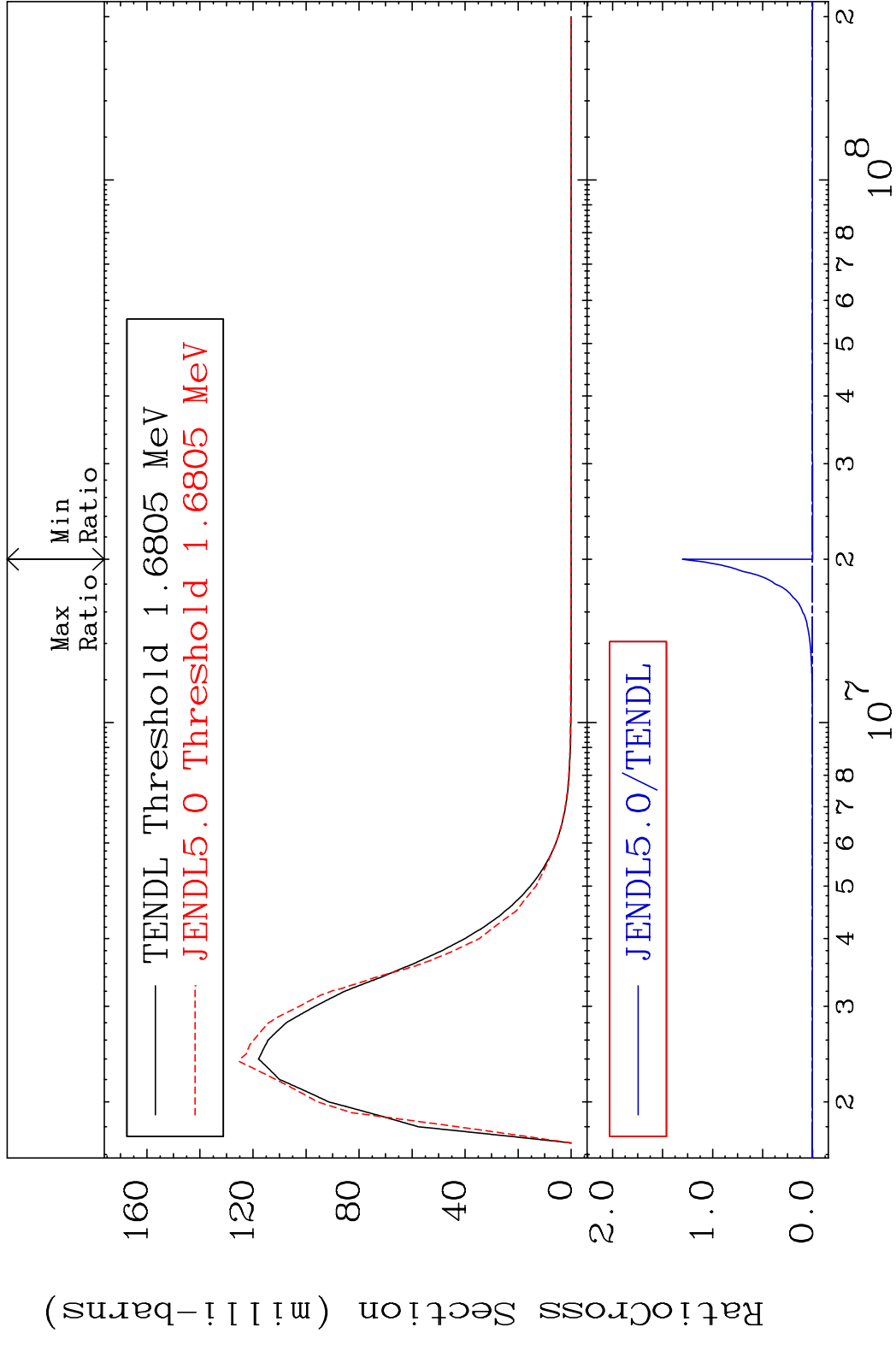


MAT 3037 MT= 51 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 14.50 %

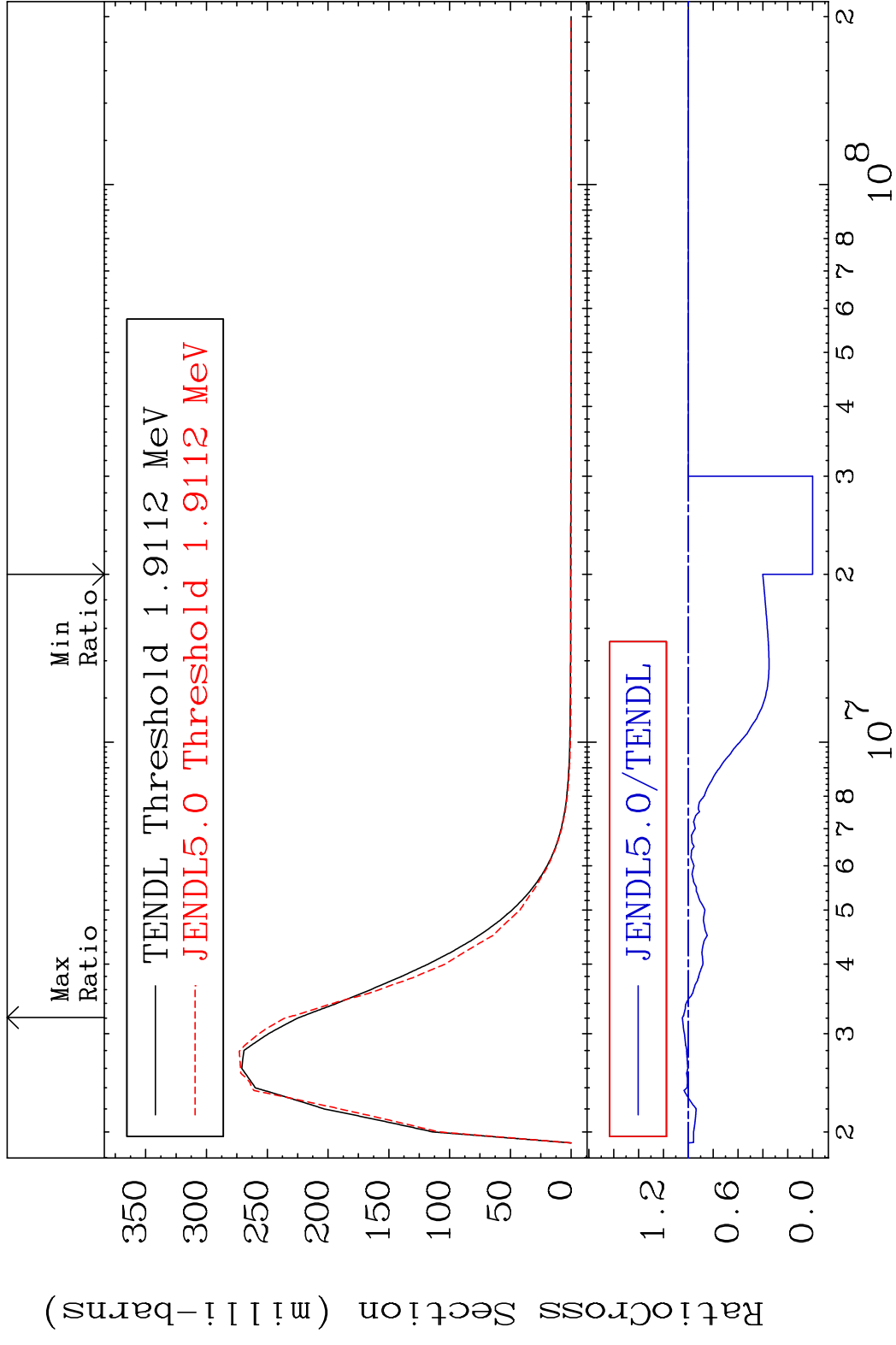


10 Incident Energy (eV) 30-Zn-68

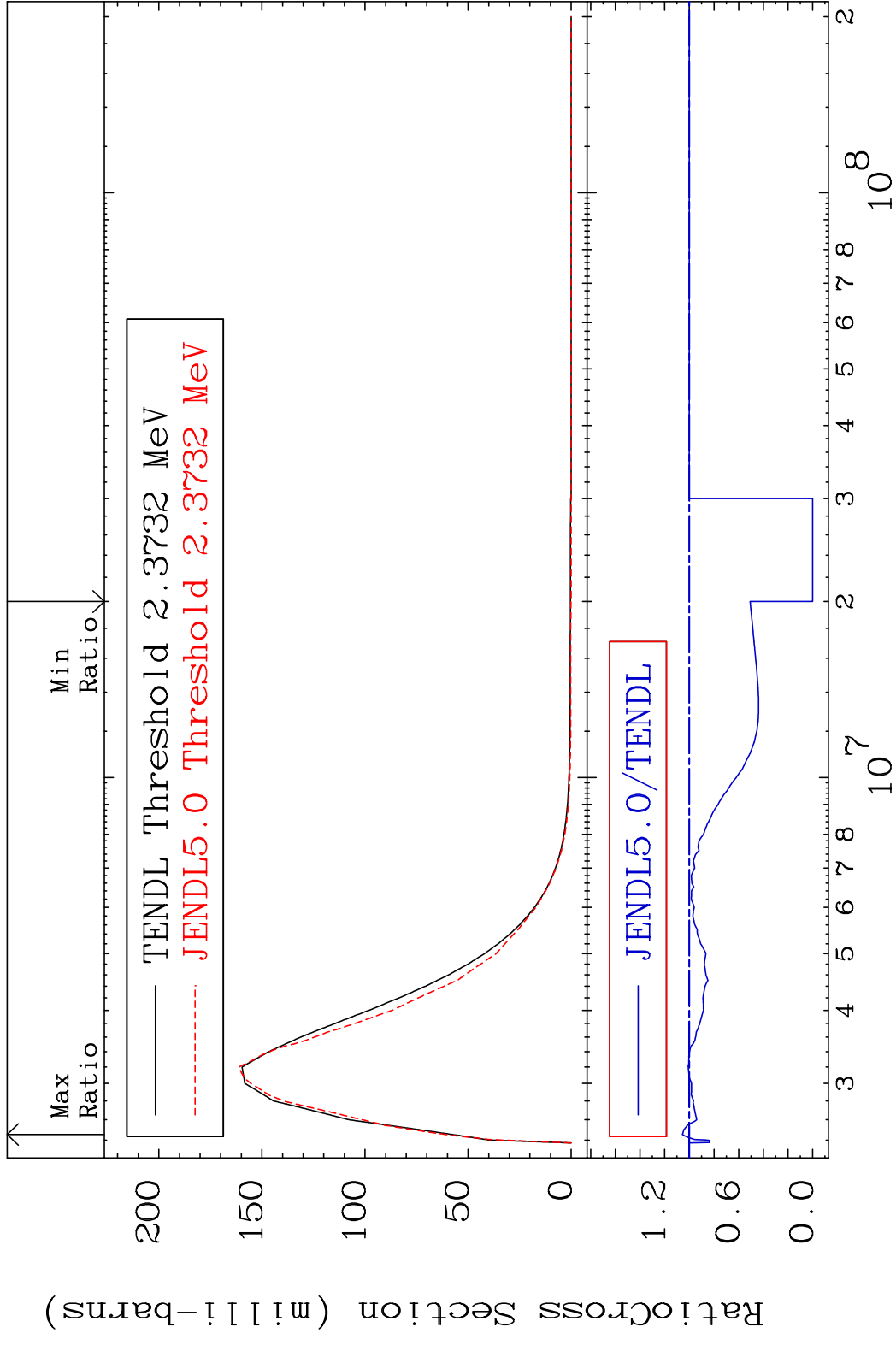
MAT 3037 MT= 52 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 9999. %



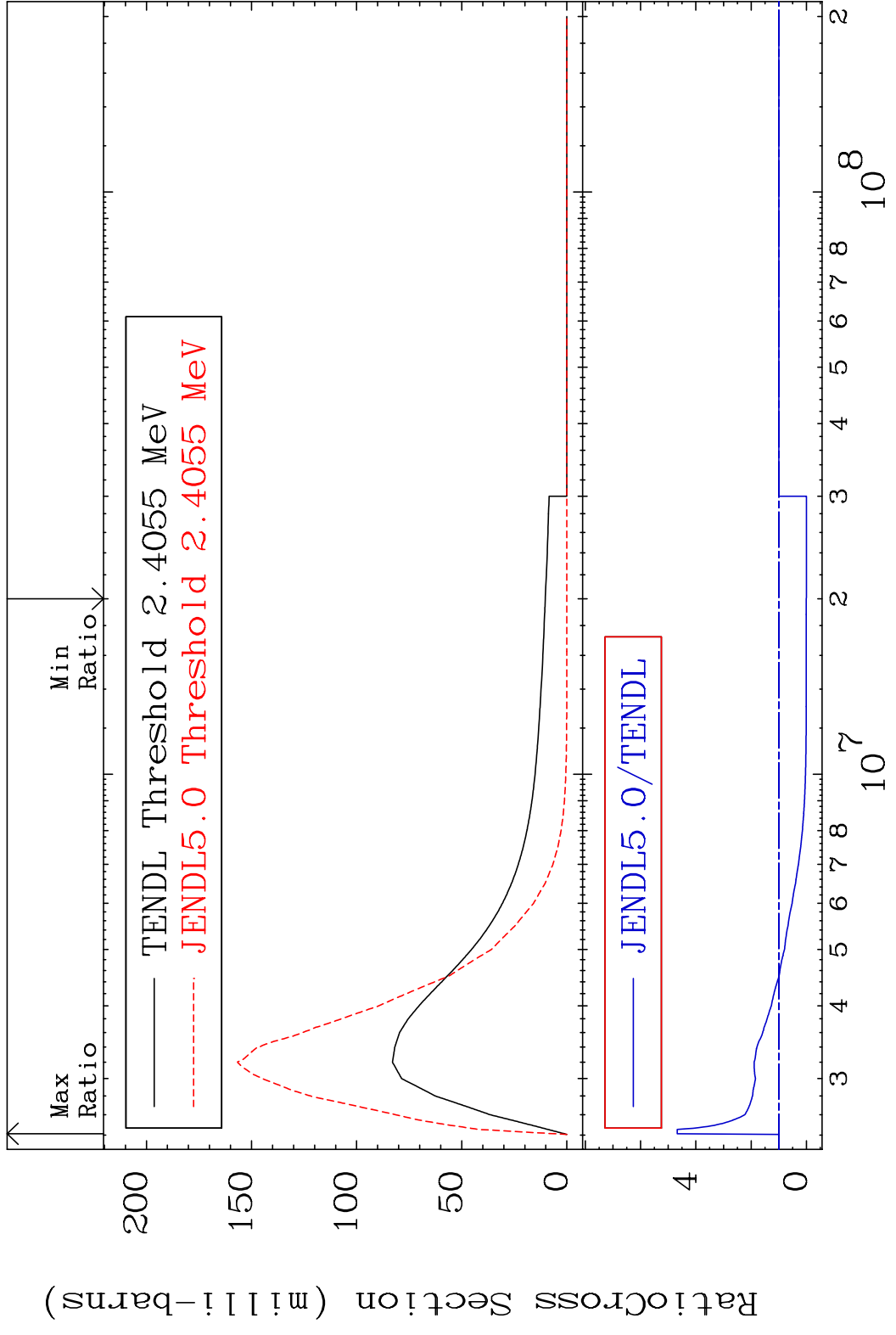
MAT 3037 MT= 53 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 4.763 %



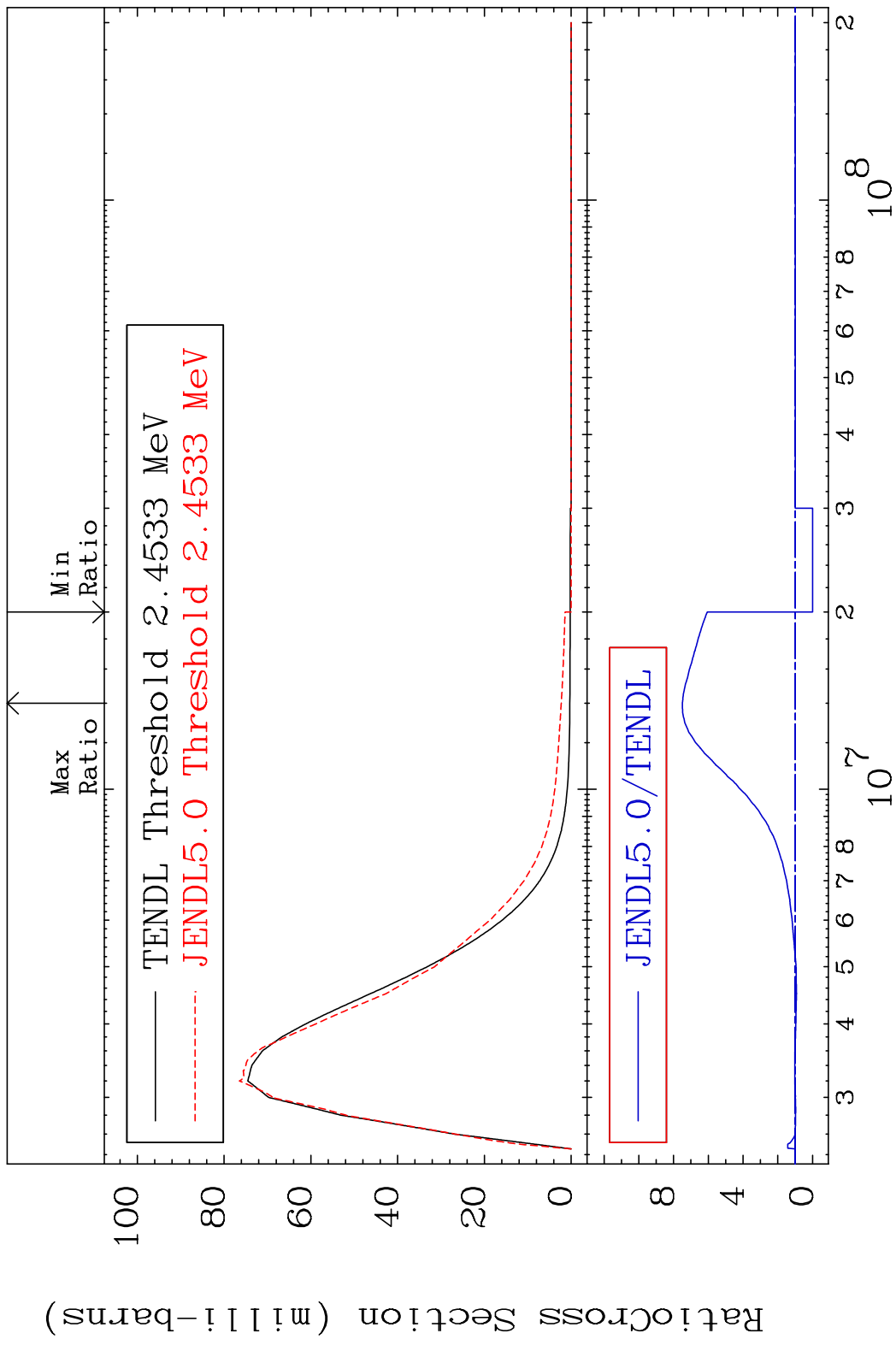
MAT 3037 MT= 54 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 5.665 %



MAT 3037 MT= 55 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 367.6 %

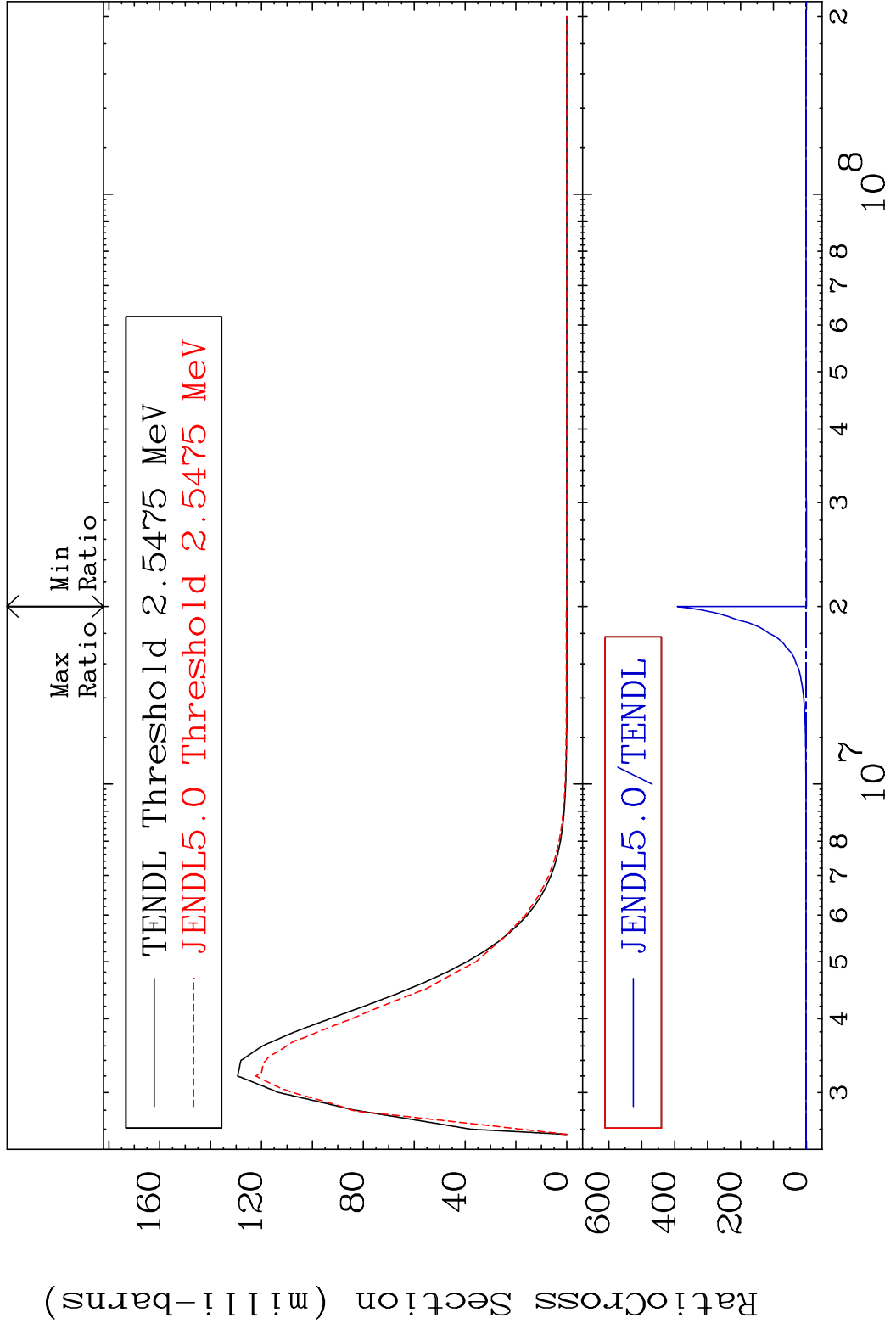


MAT 3037 MT= 56 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 649.4 %

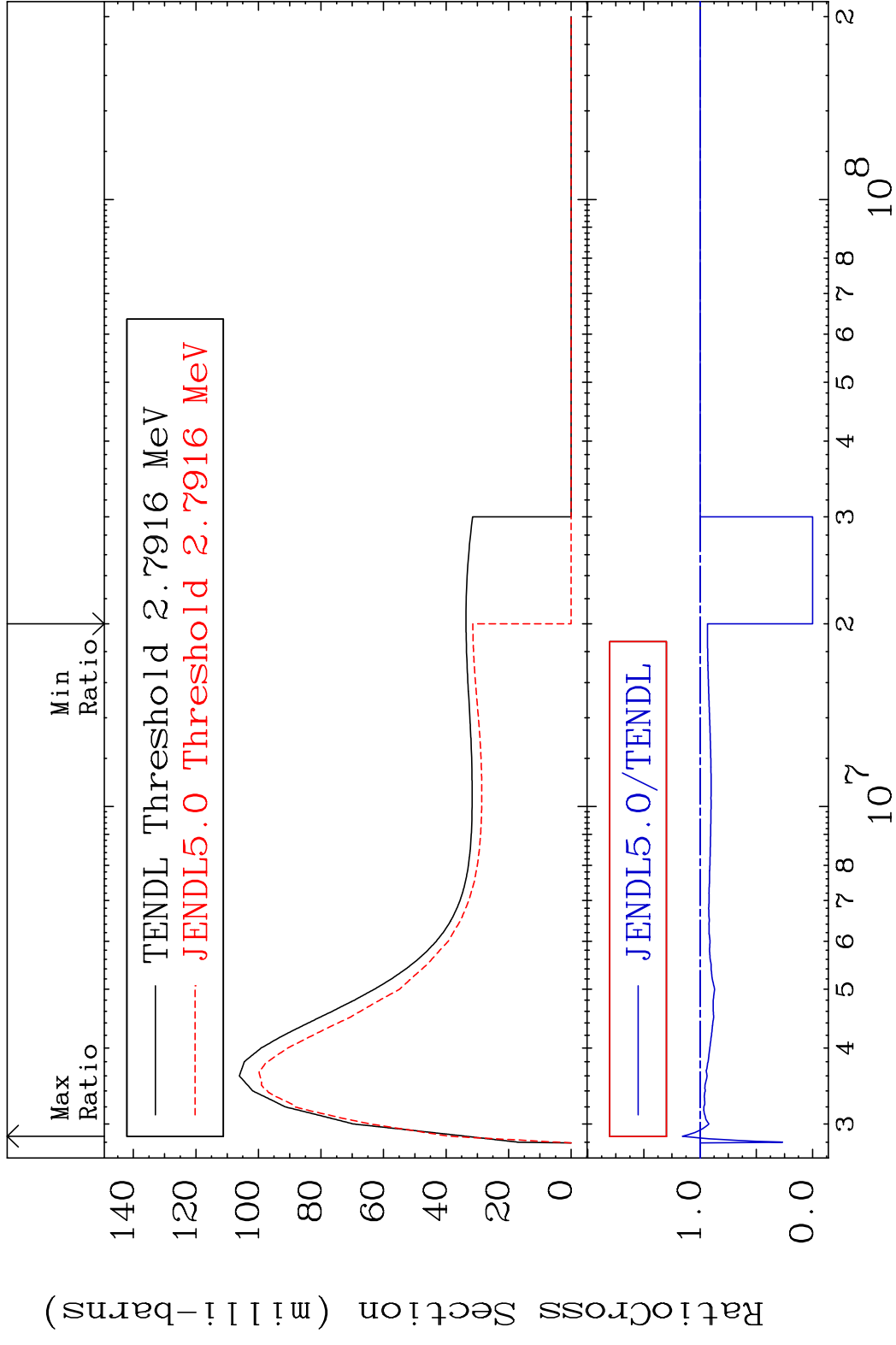


15 30-Zn-68

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

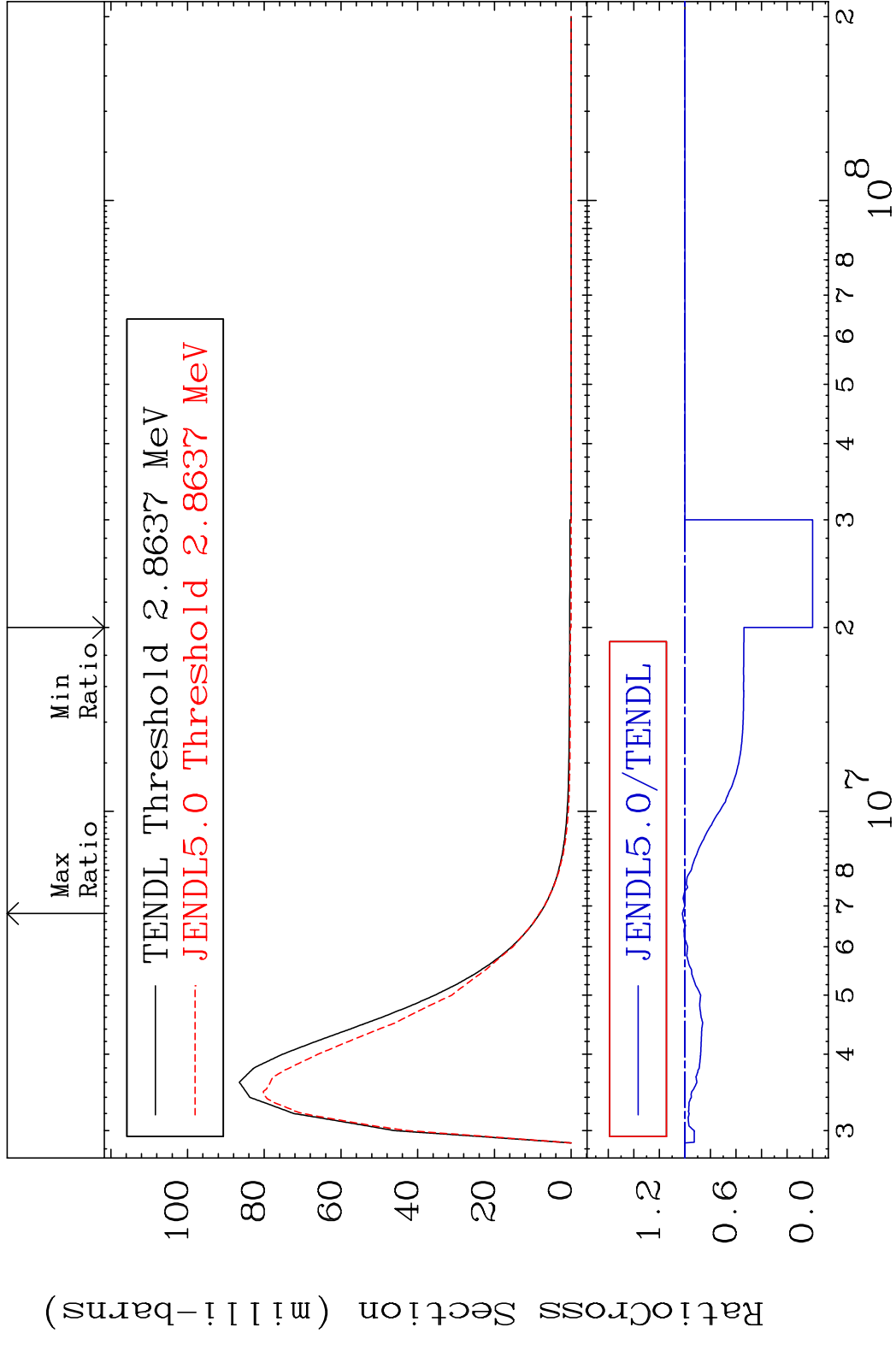


MAT 3037 MT= 58 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 15.80 %

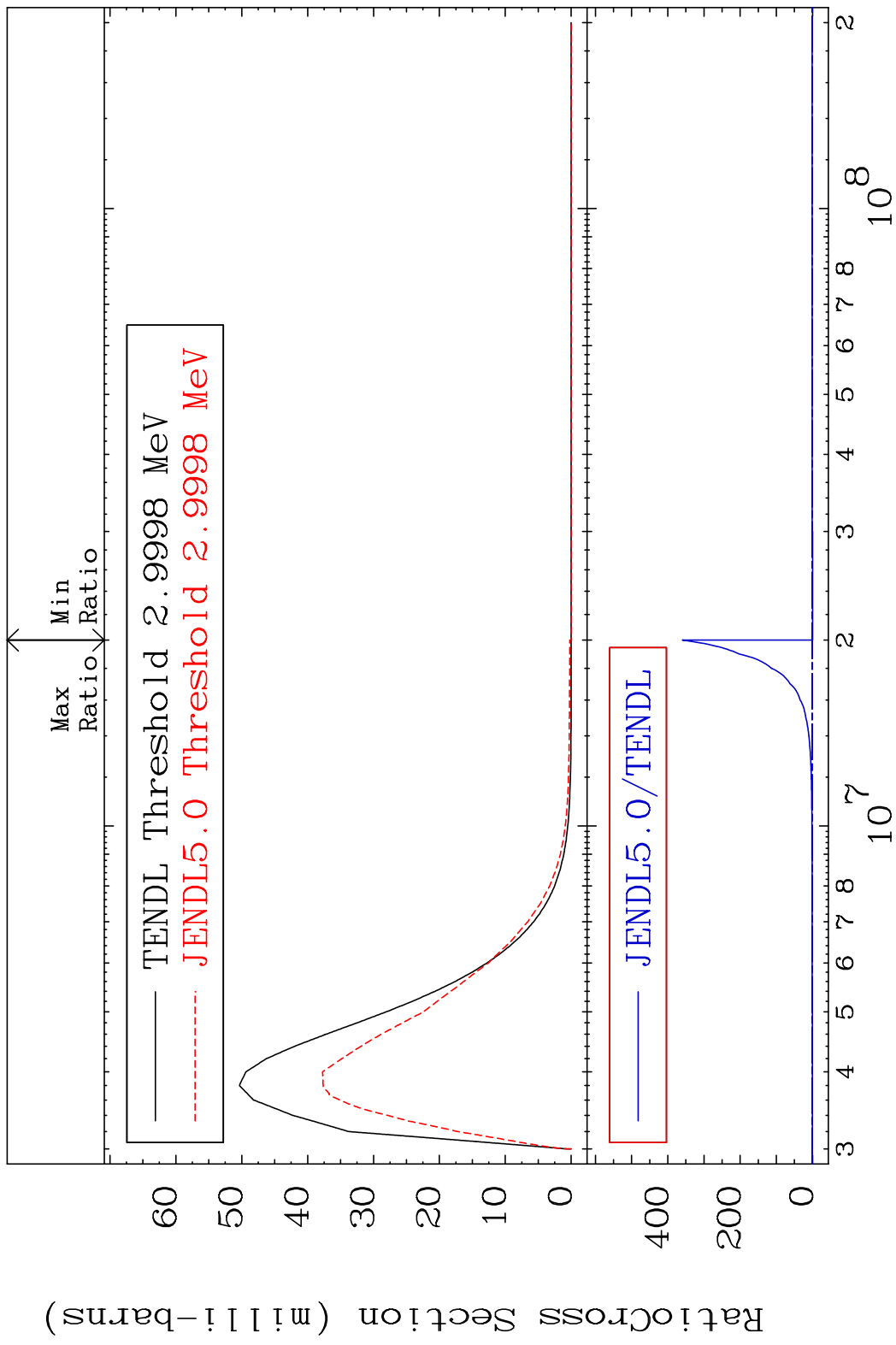


17 30-Zn-68

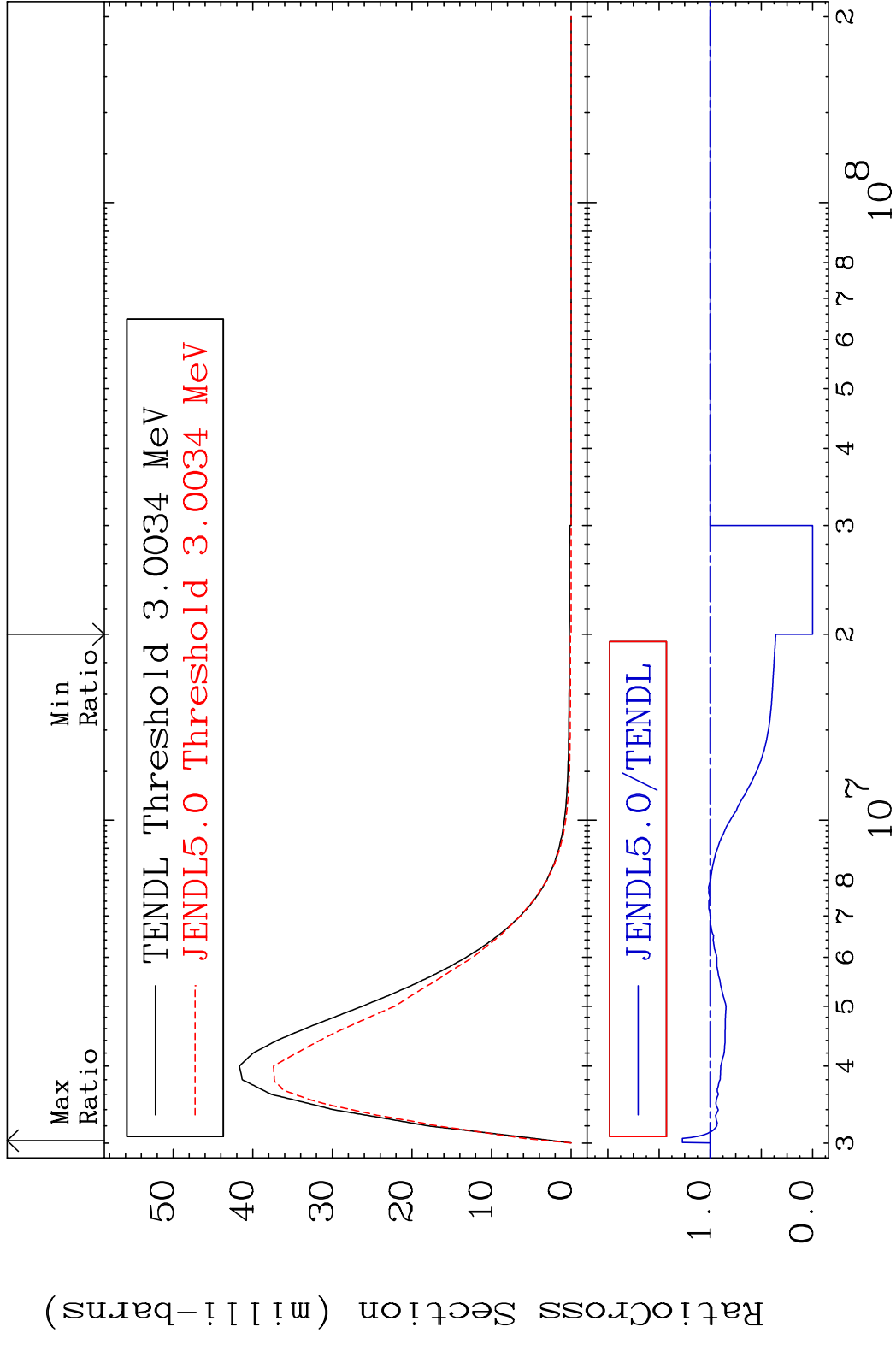
MAT 3037 MT= 59 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 2.033 %



MAT 3037 MT= 60 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 9999. %

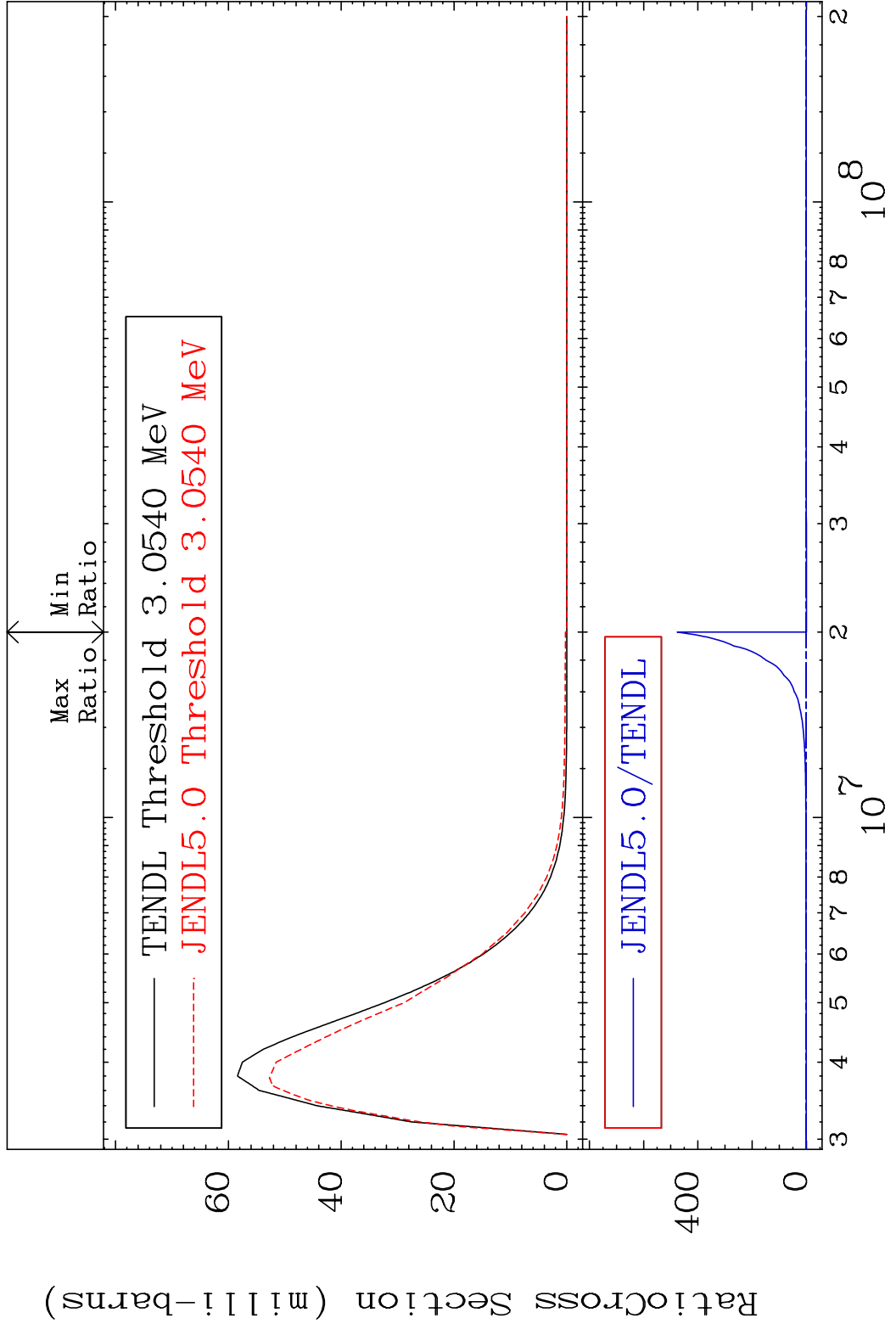


MAT 3037 MT= 61 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 27.23 %

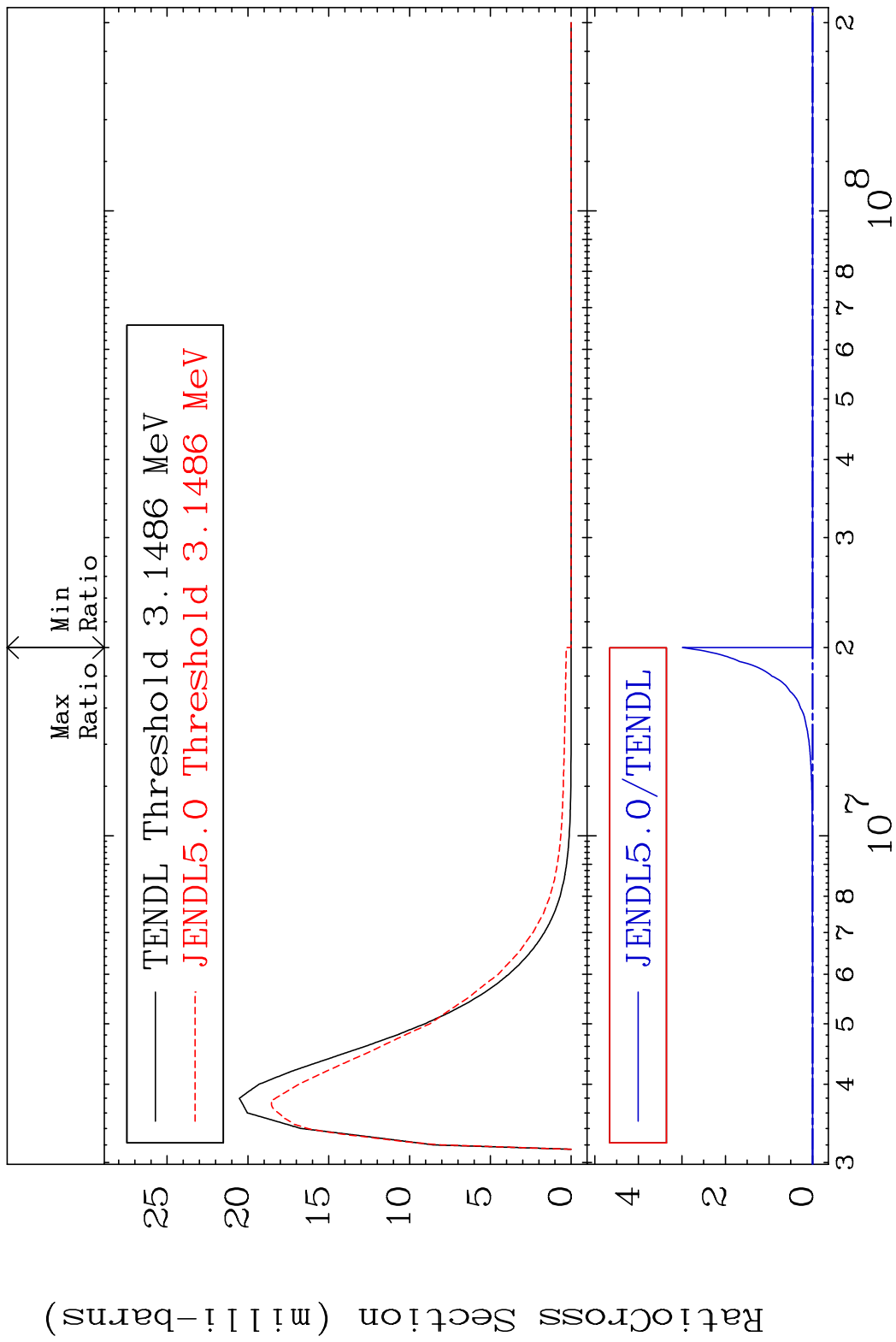


20 Incident Energy (eV) 30-Zn-68

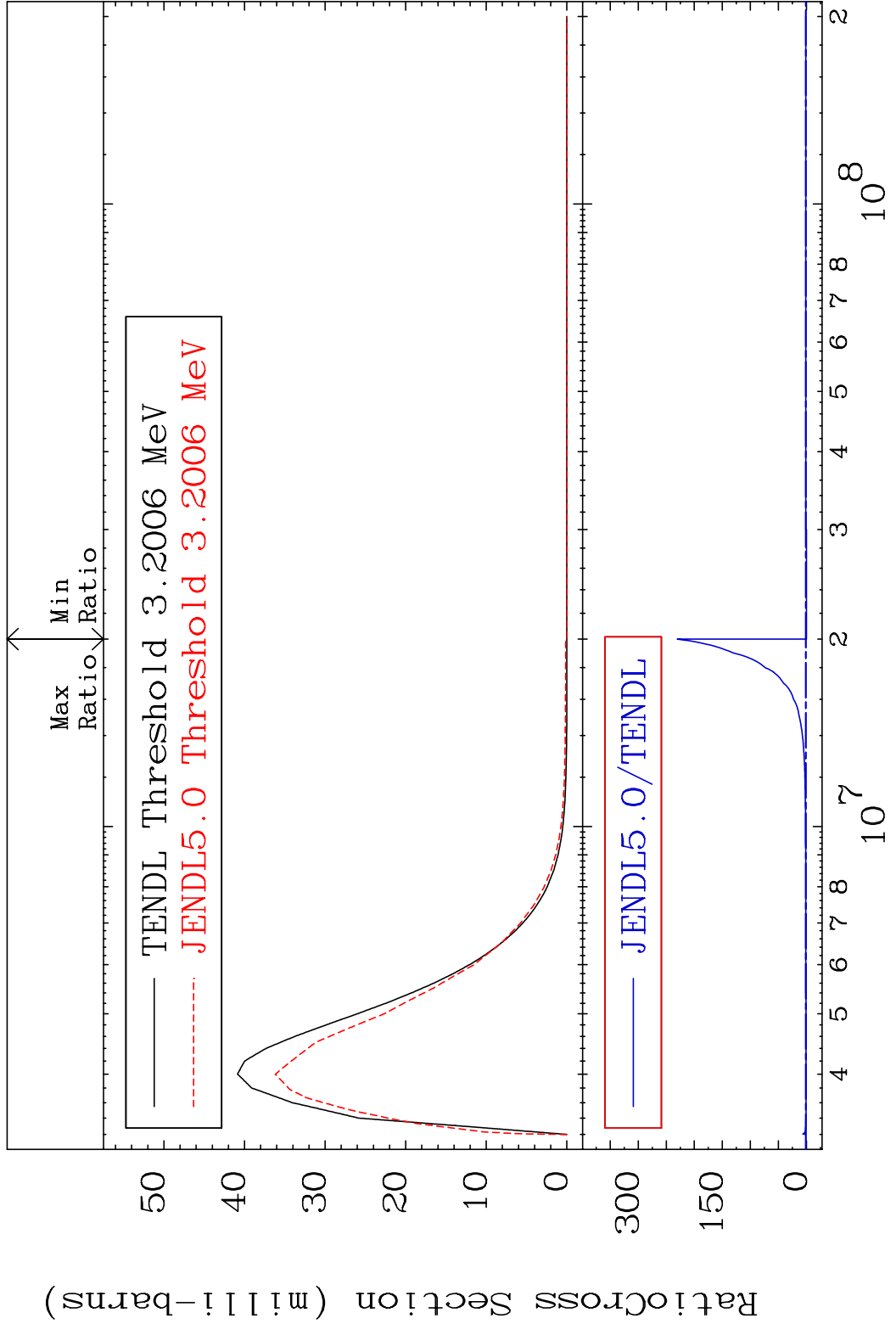
MAT 3037 MT= 62 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 9999. %



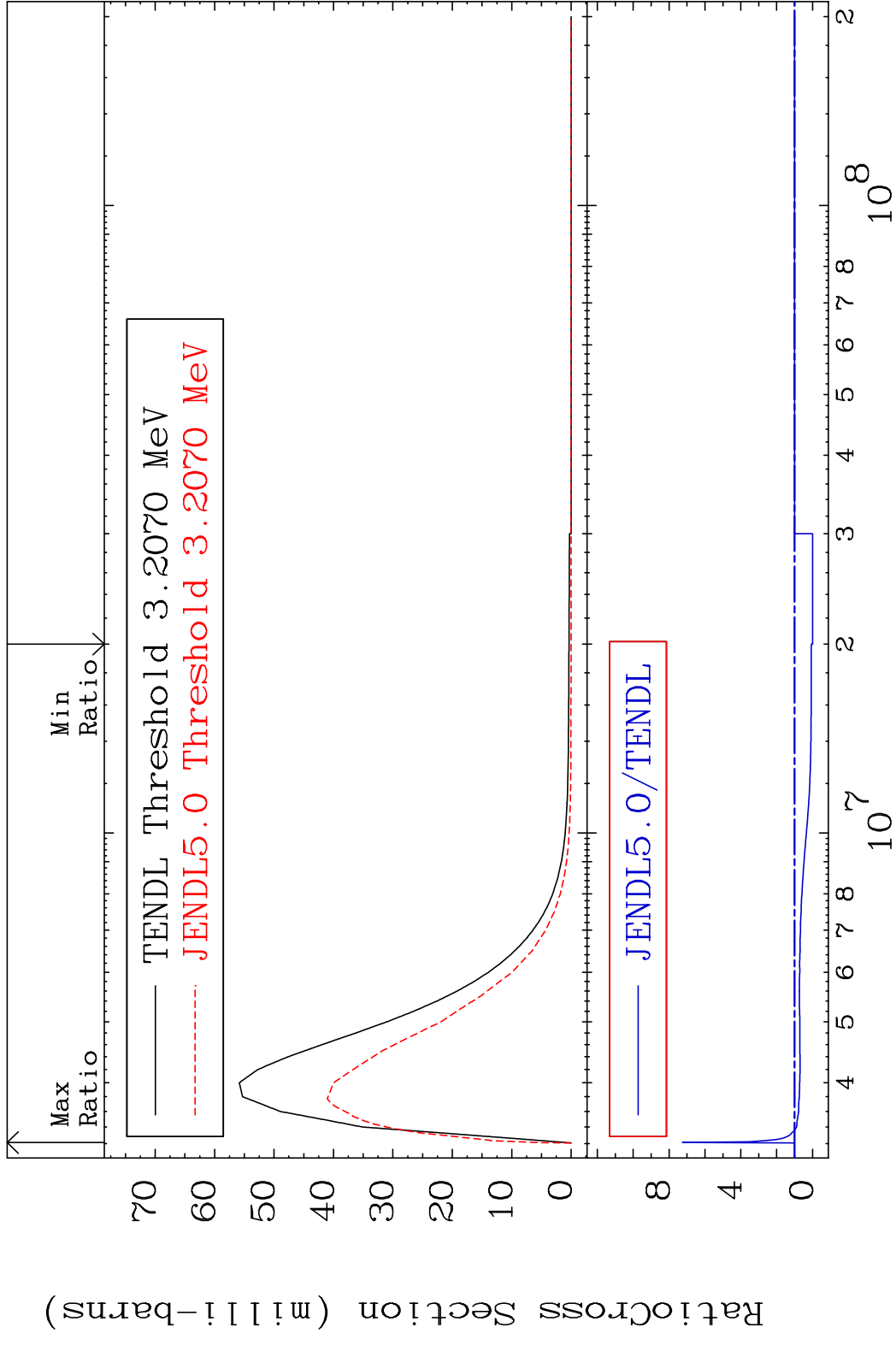
MAT 3037 MT= 63 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 9999. %



MAT 3037 MT= 64 (n, n') Level 30-Zn-68
 Cross Section -100.0 To 9999. %



MAT 3037 MT= 65 (n,n') Level 30-Zn-68
 Cross Section -100.0 To 626.0 %

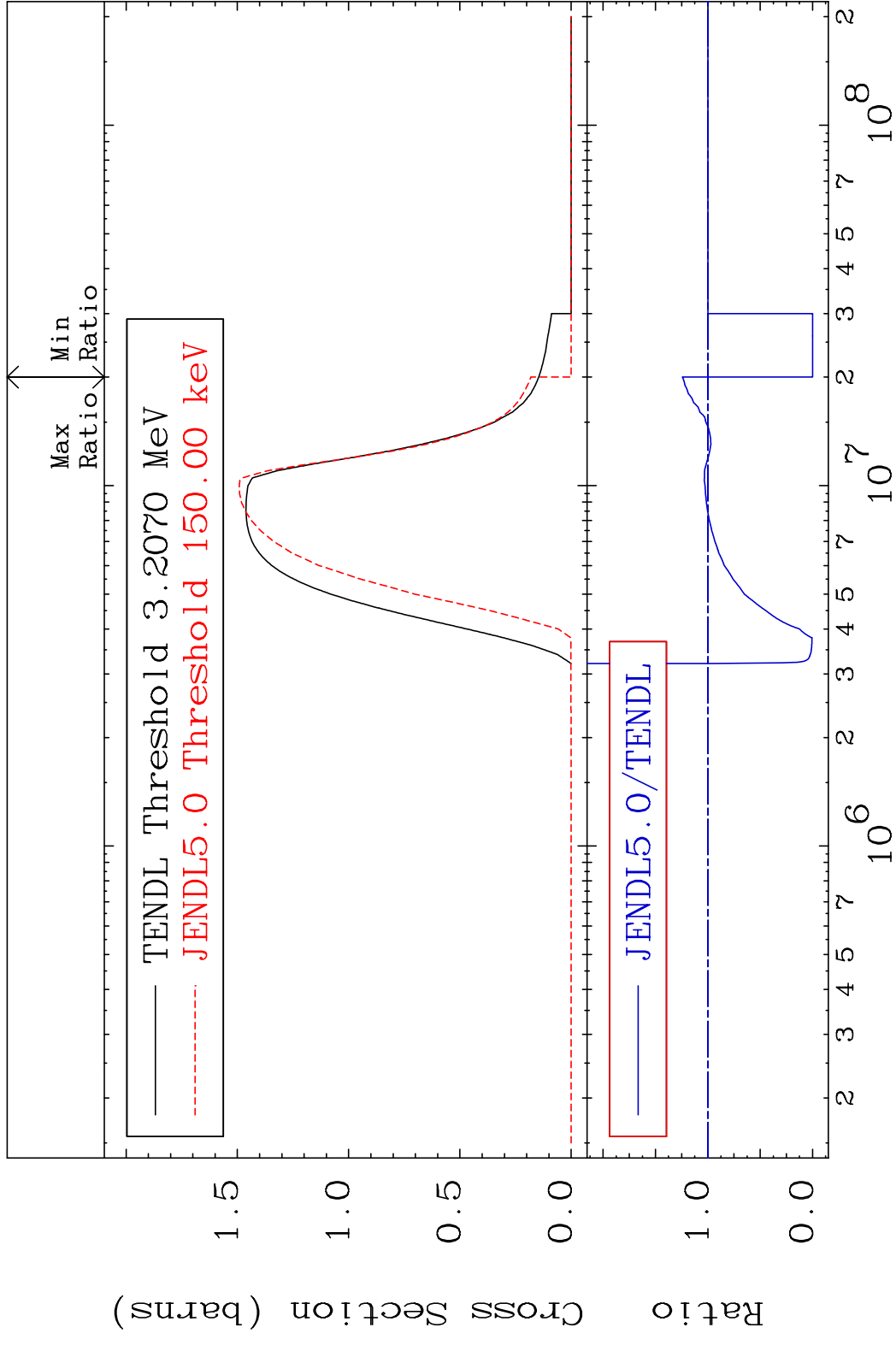


MAT 3037

(n,n') Continuum

30-Zn-68

Cross Section -100.0 To 24.35 %

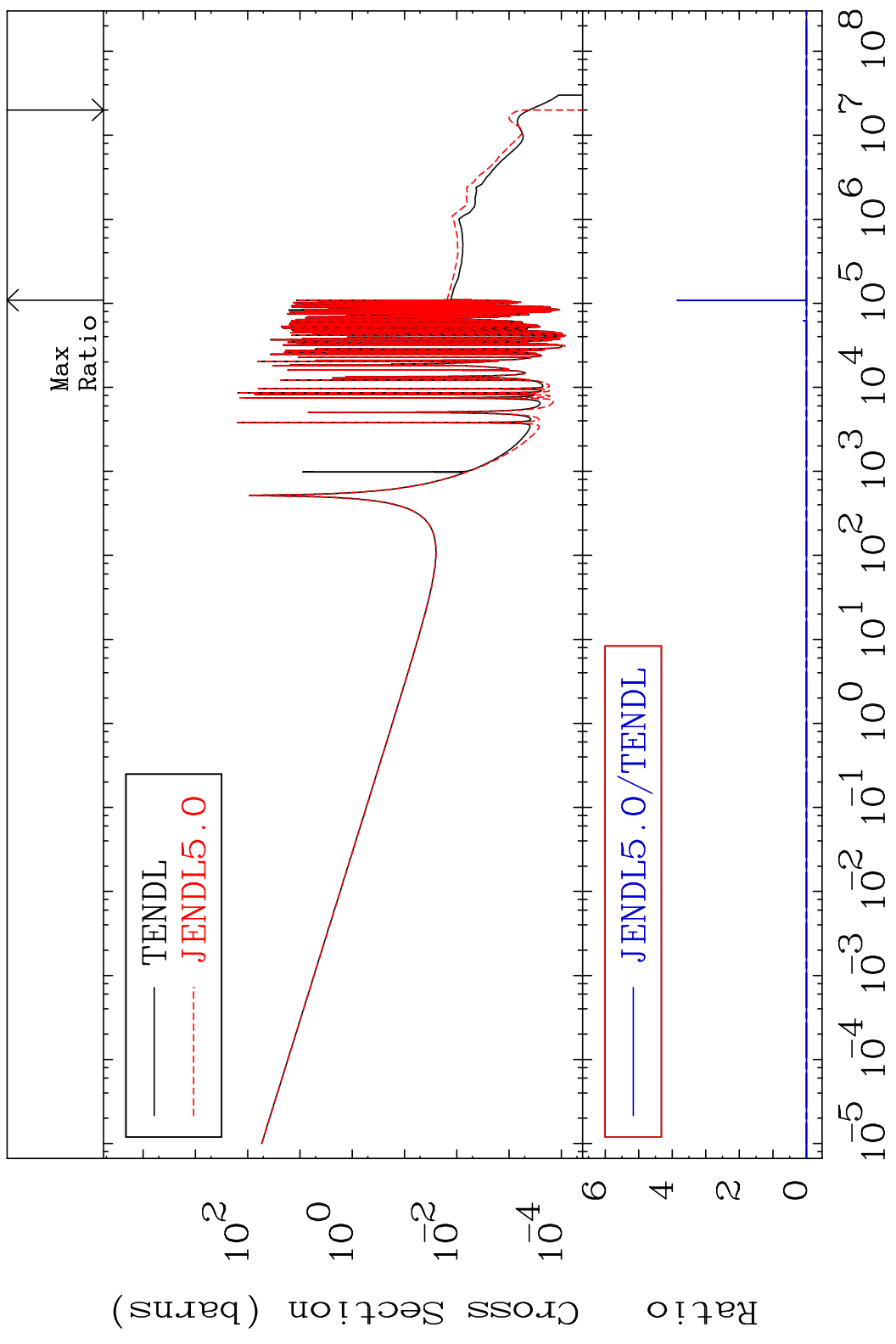


MAT 3037

(n, γ)

30-Zn-68

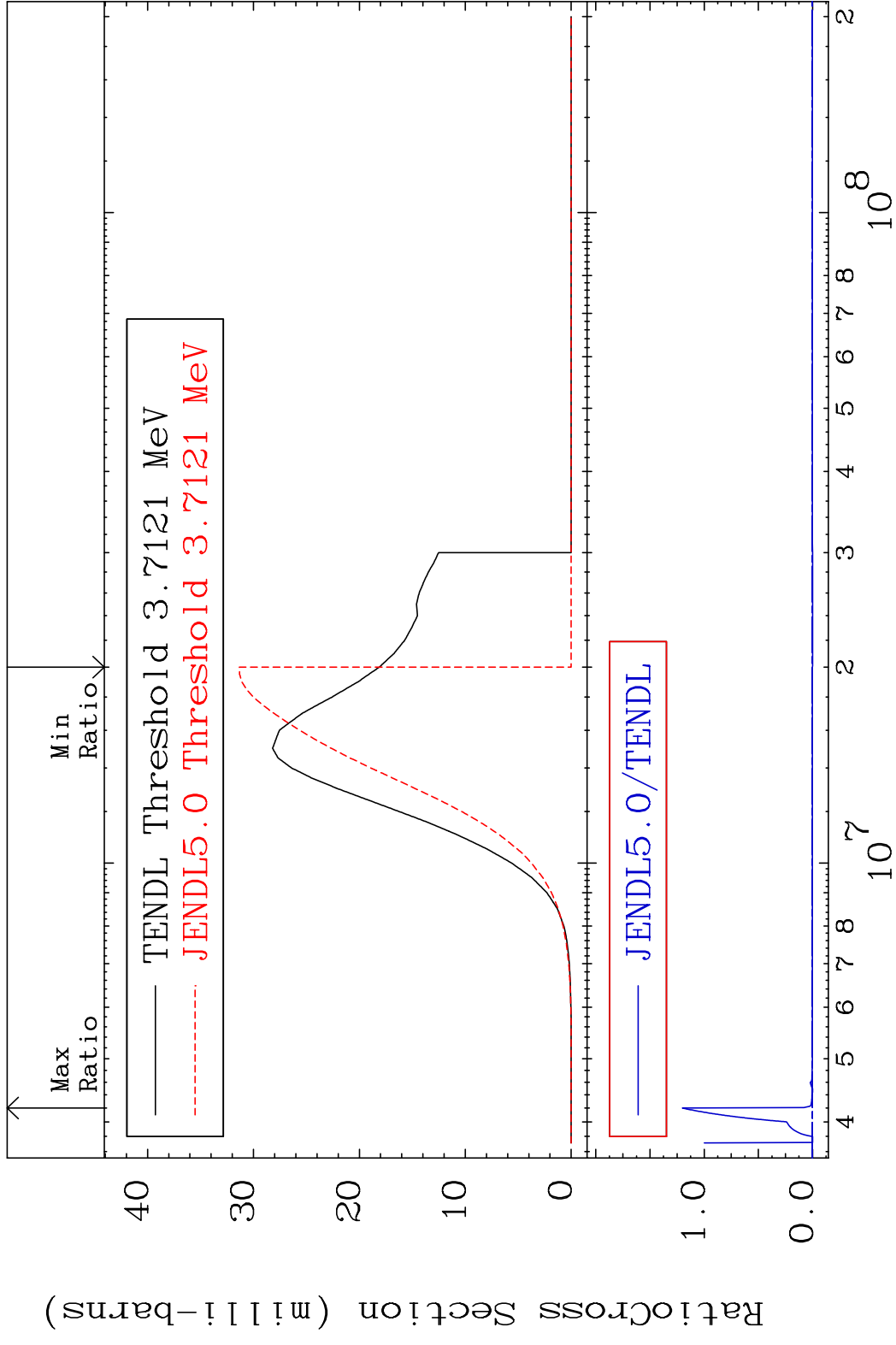
Cross Section -100.0 To 9999. %



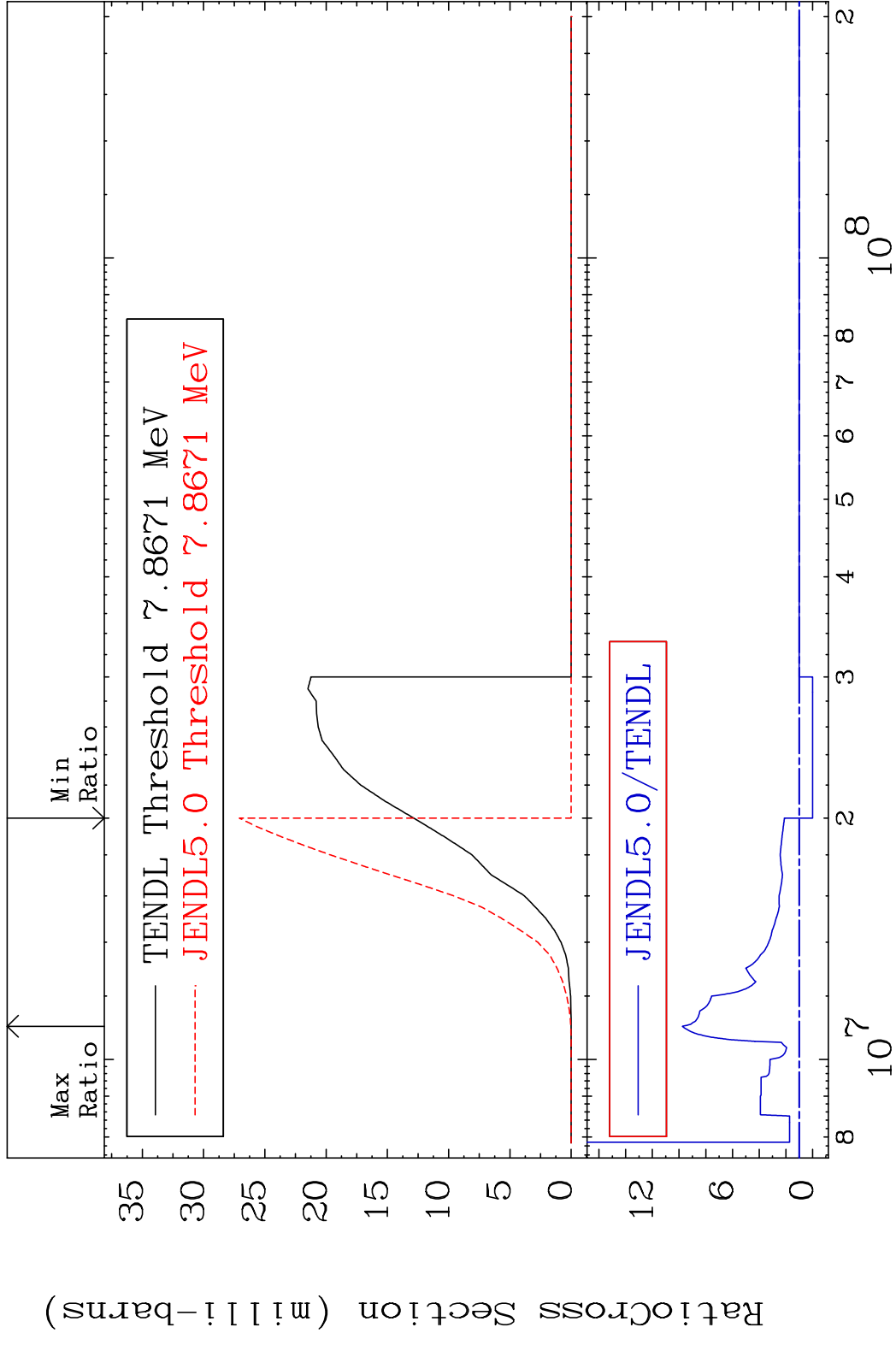
— TENDL
- - - JENDL5.0

— JENDL5.0/TENDL

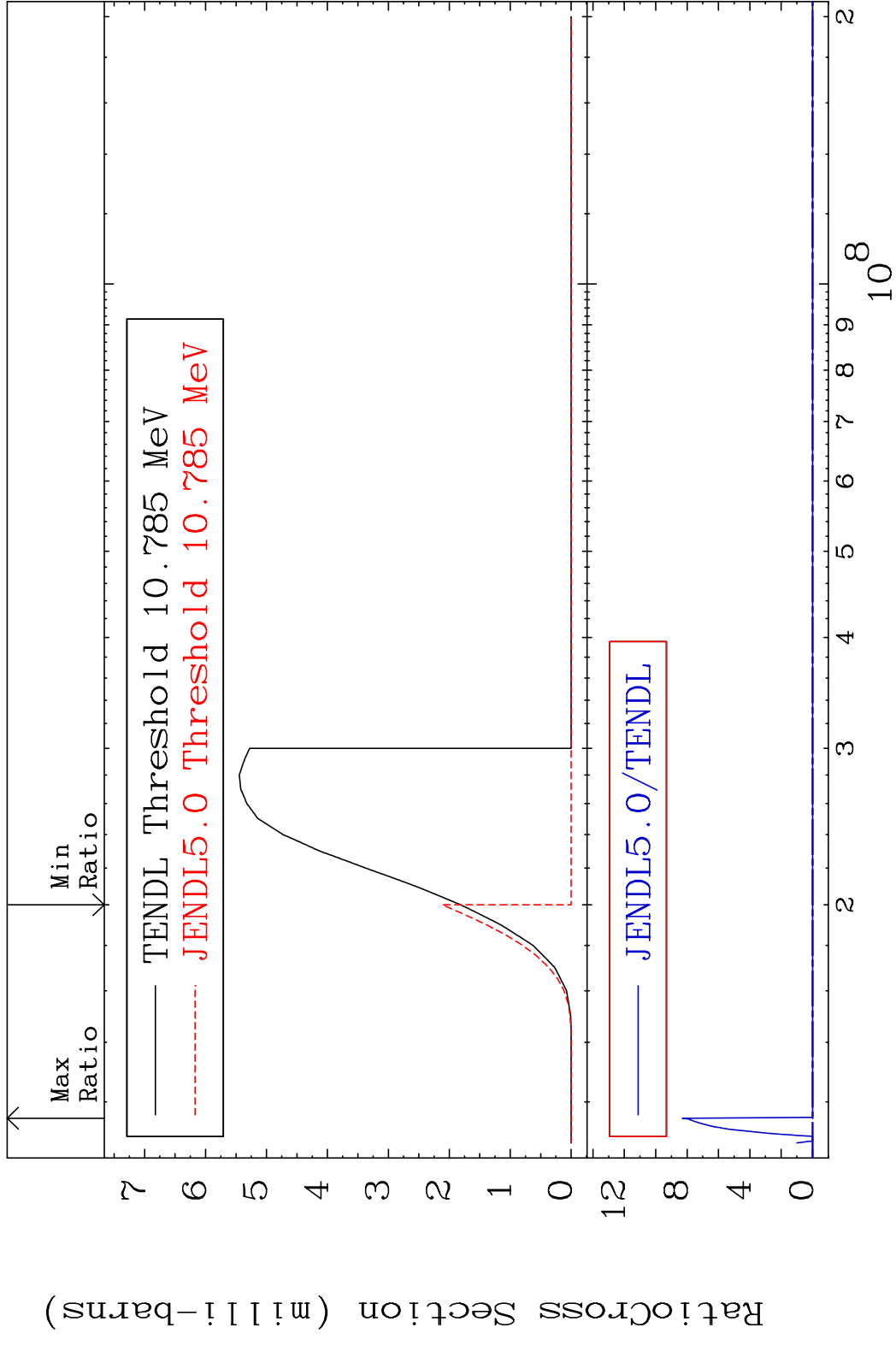
MAT 3037 (n,p) 30-Zn-68
 Cross Section -100.0 To 9999. %



MAT 3037 (n,d) 30-Zn-68
 Cross Section -100.0 To 875.4 %



MAT 3037 (n, t) 30-Zn-68
 Cross Section -100.0 To 9999. %

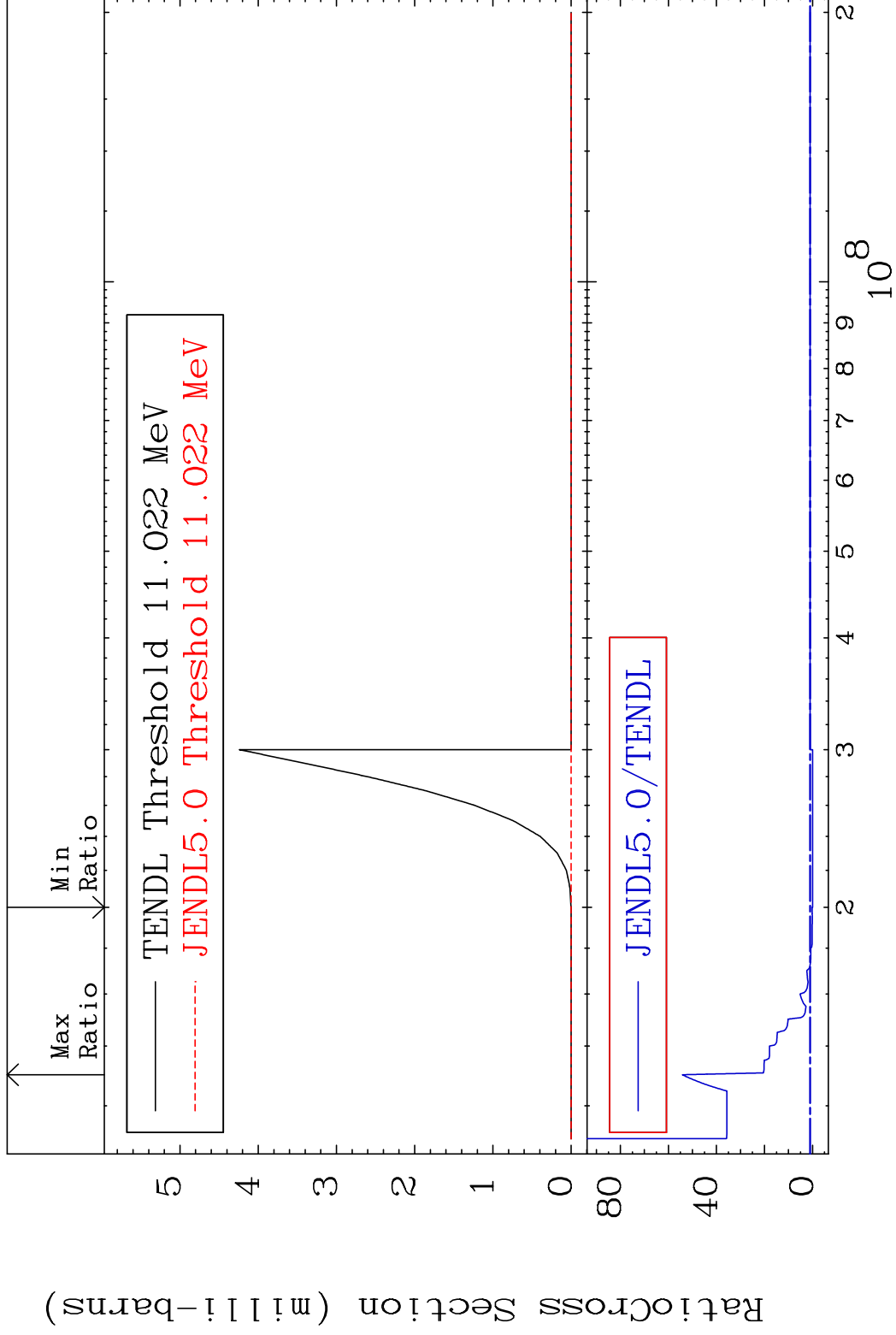


MAT 3037

(n, He-3)

30-Zn-68

Cross Section -100.0 To 5321. %



30

Incident Energy (eV)

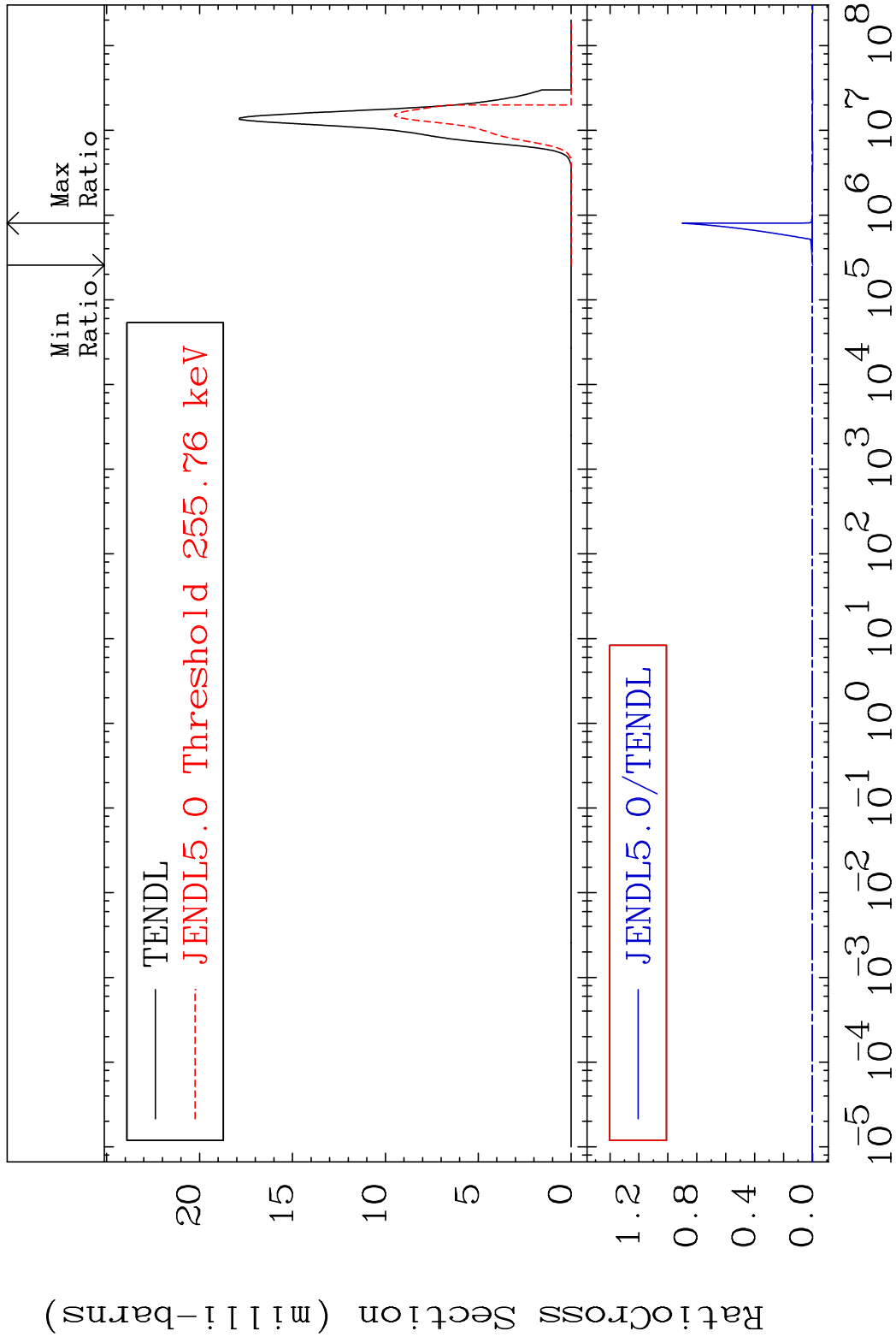
30-Zn-68

MAT 3037

(n, α)

30-Zn-68

Cross Section -100.0 To 9999. %

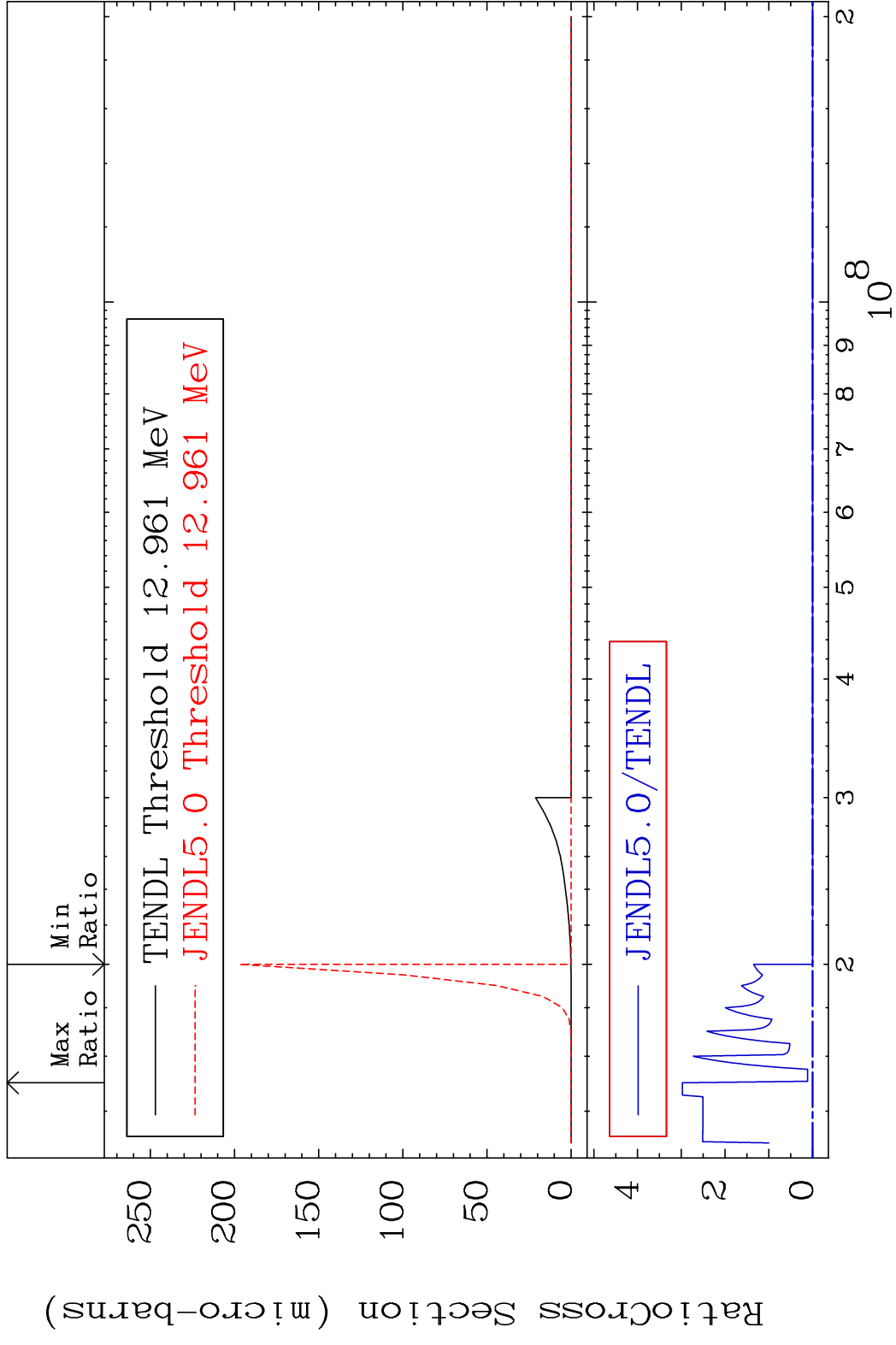


31

Incident Energy (eV)

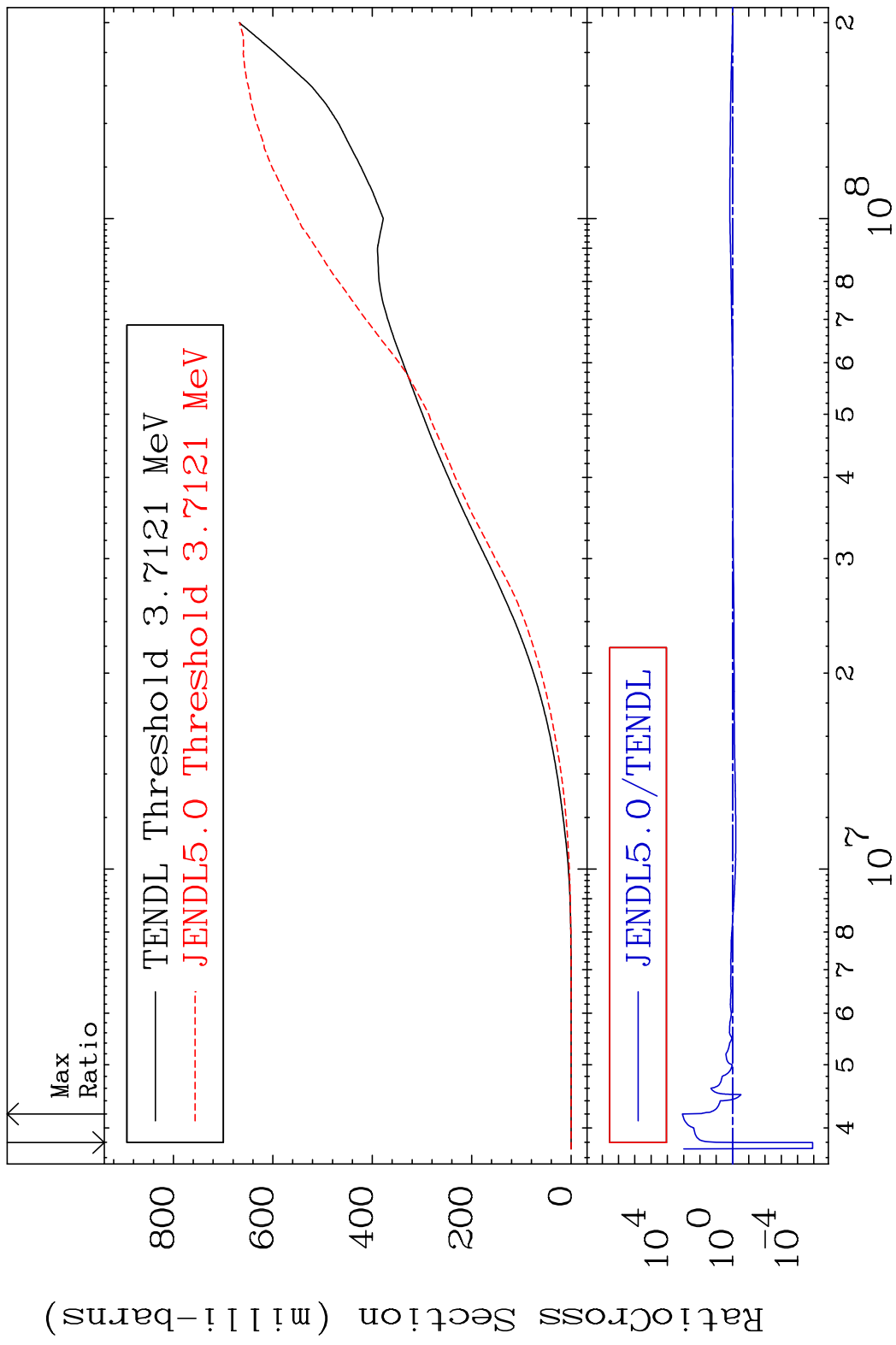
30-Zn-68

MAT 3037 (n,2p) 30-Zn-68
 Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 30-Zn-68

MAT 3037 Hydrogen Production 30-Zn-68
 Cross Section -100.0 To 9999. %

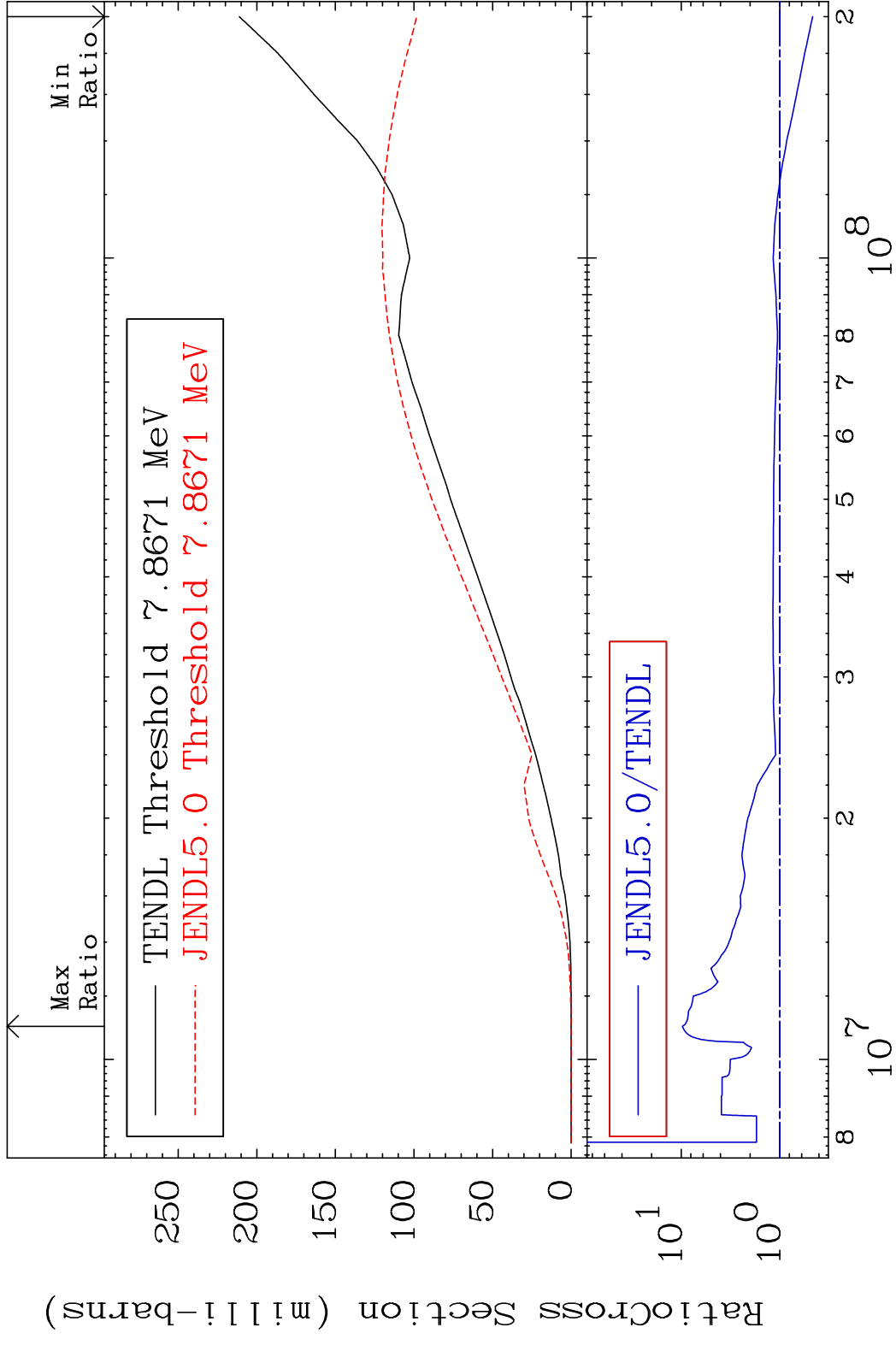


MAT 3037

Deuterium Production

30-Zn-68

Cross Section -53.43 To 875.4 %



34

Incident Energy (eV)

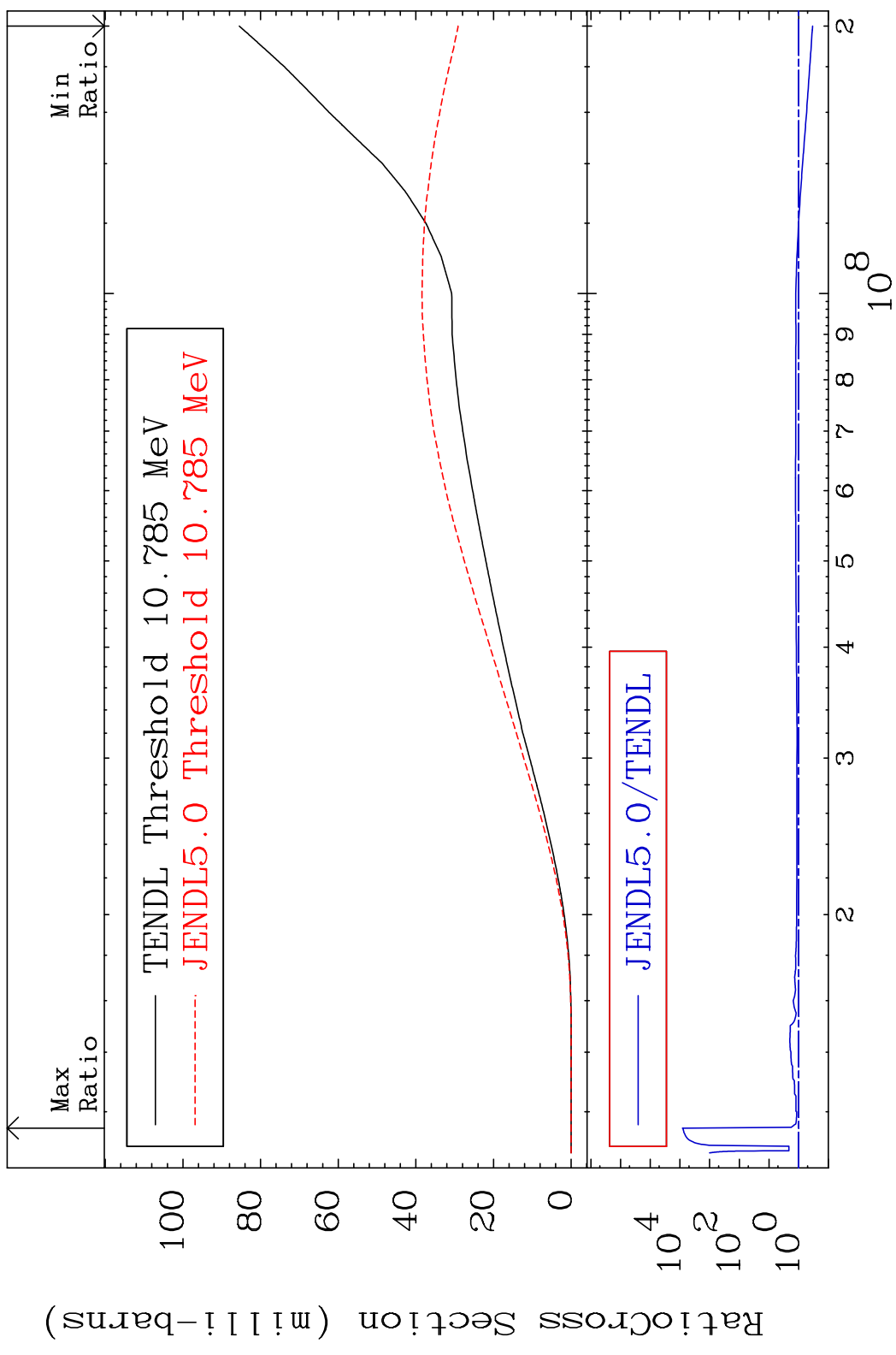
30-Zn-68

MAT 3037

Tritium Production

30-Zn-68

Cross Section -65.93 To 9999. %

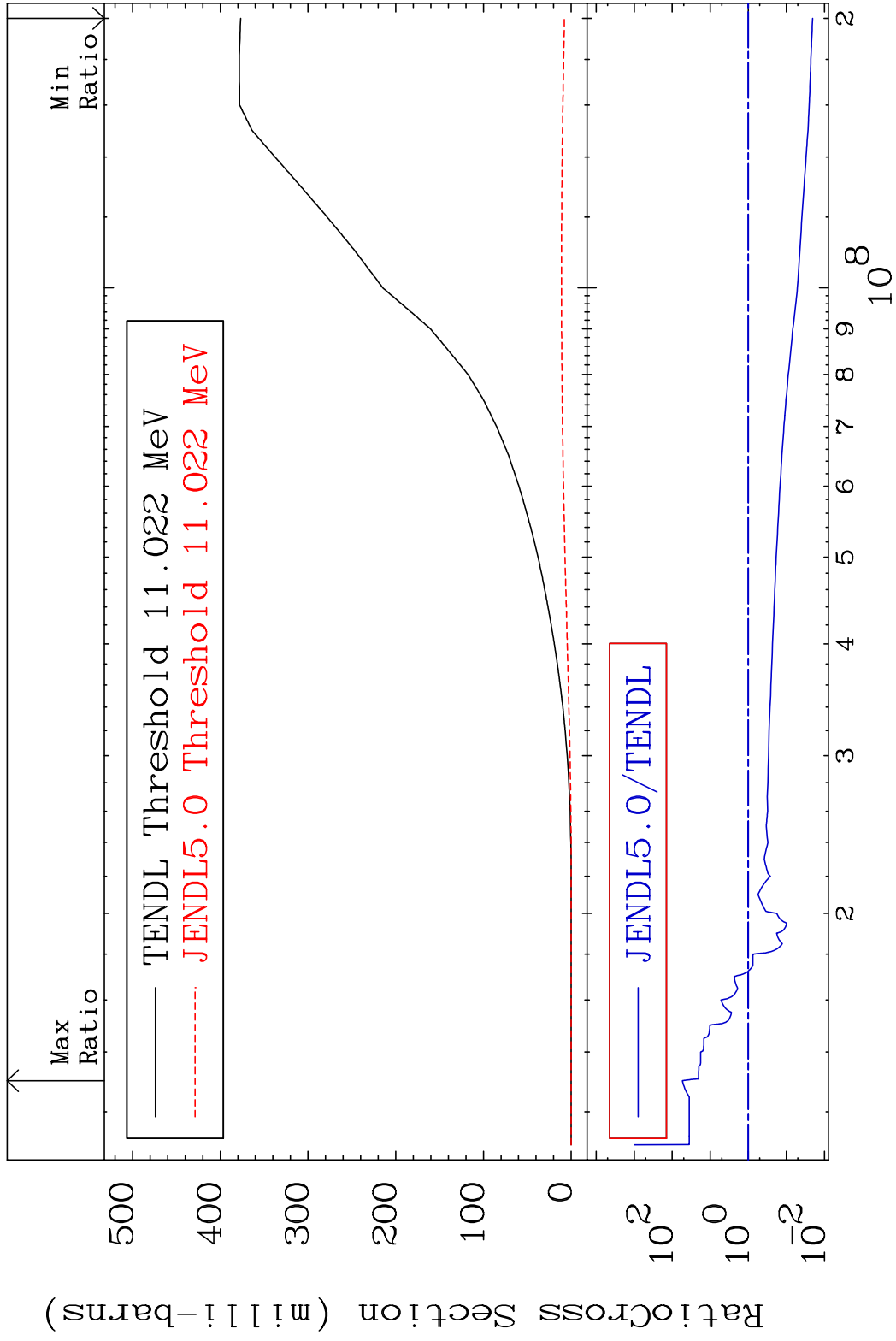


MAT 3037

He-3 Production

30-Zn-68

Cross Section -97.95 To 5321. %



36

Incident Energy (eV)

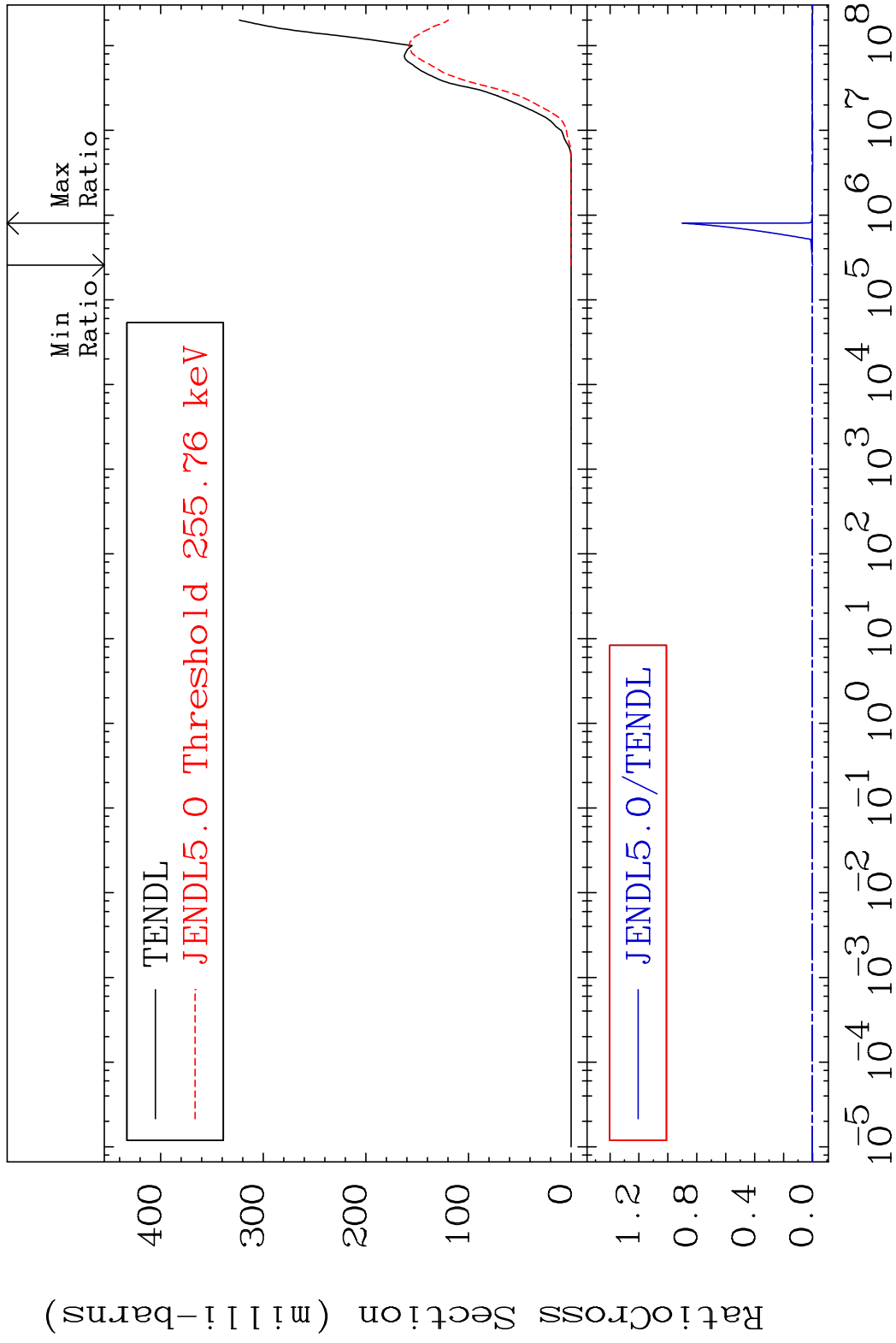
30-Zn-68

MAT 3037

He-4 Production

30-Zn-68

Cross Section -100.0 To 9999. %

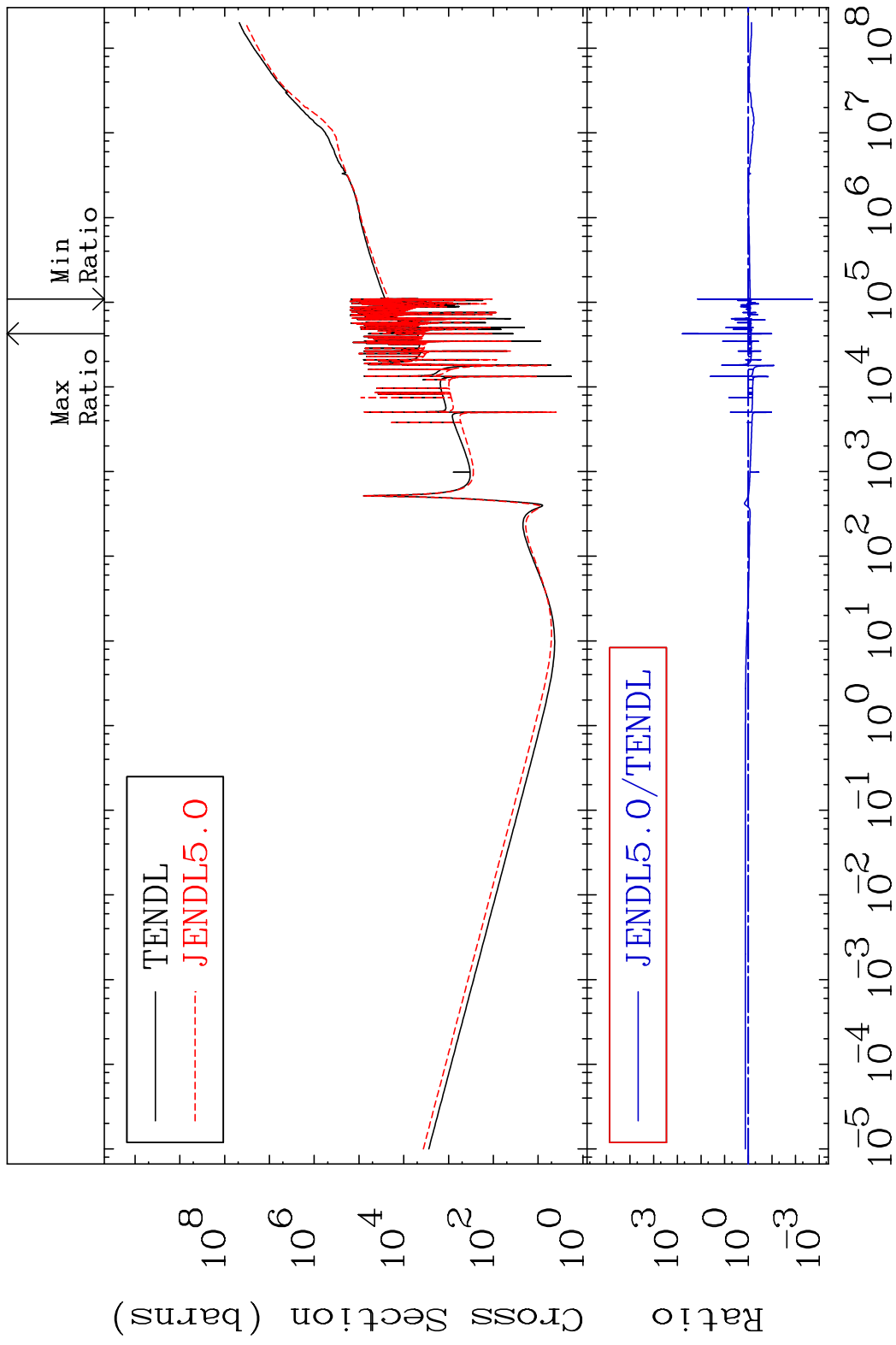


37

Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma total (eV-barns) 30-Zn-68
 Cross Section -99.81 To 9999. %



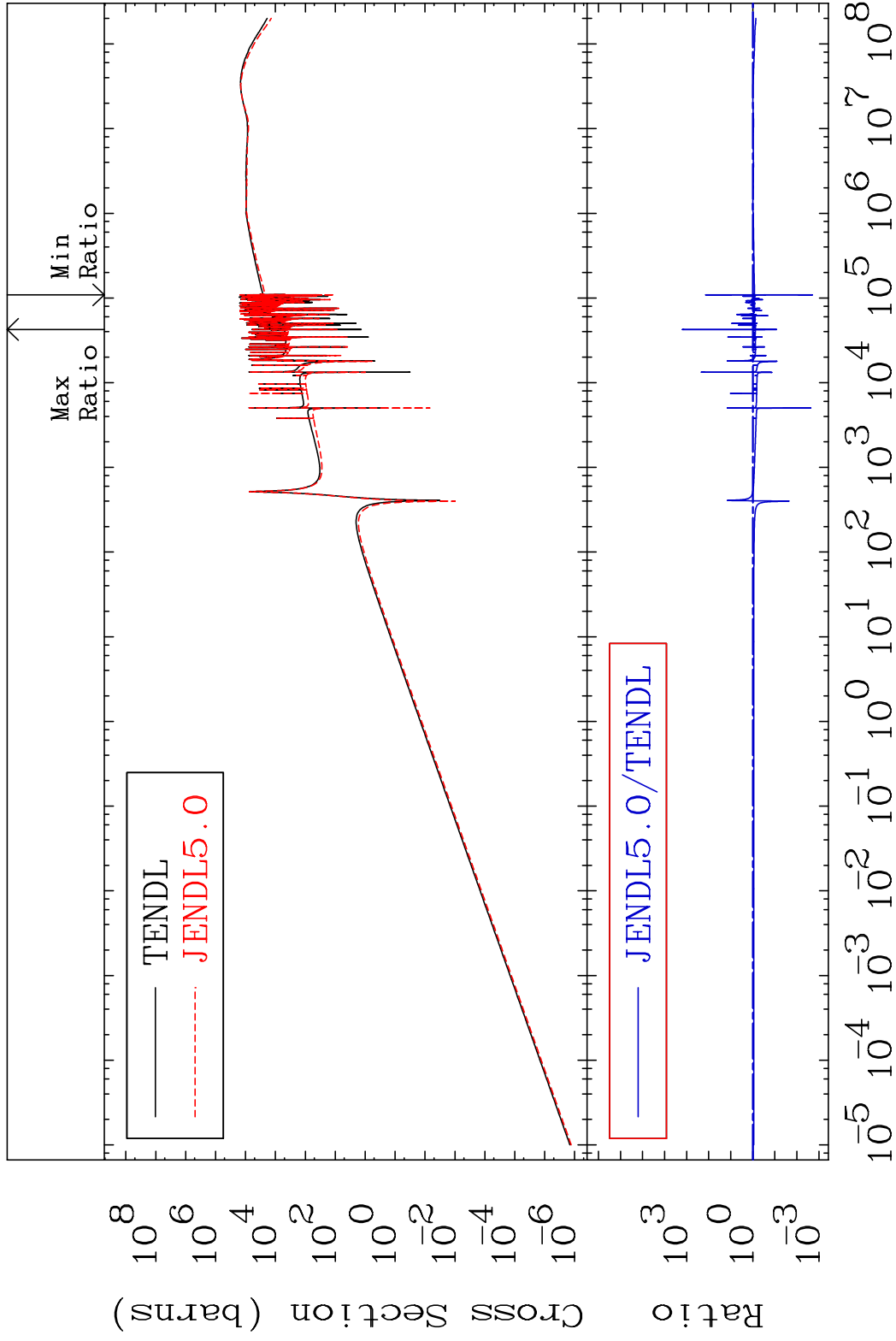
38 Incident Energy (eV) 30-Zn-68

MAT 3037

Kerma elastic

30-Zn-68

Cross Section -99.81 To 9999. %

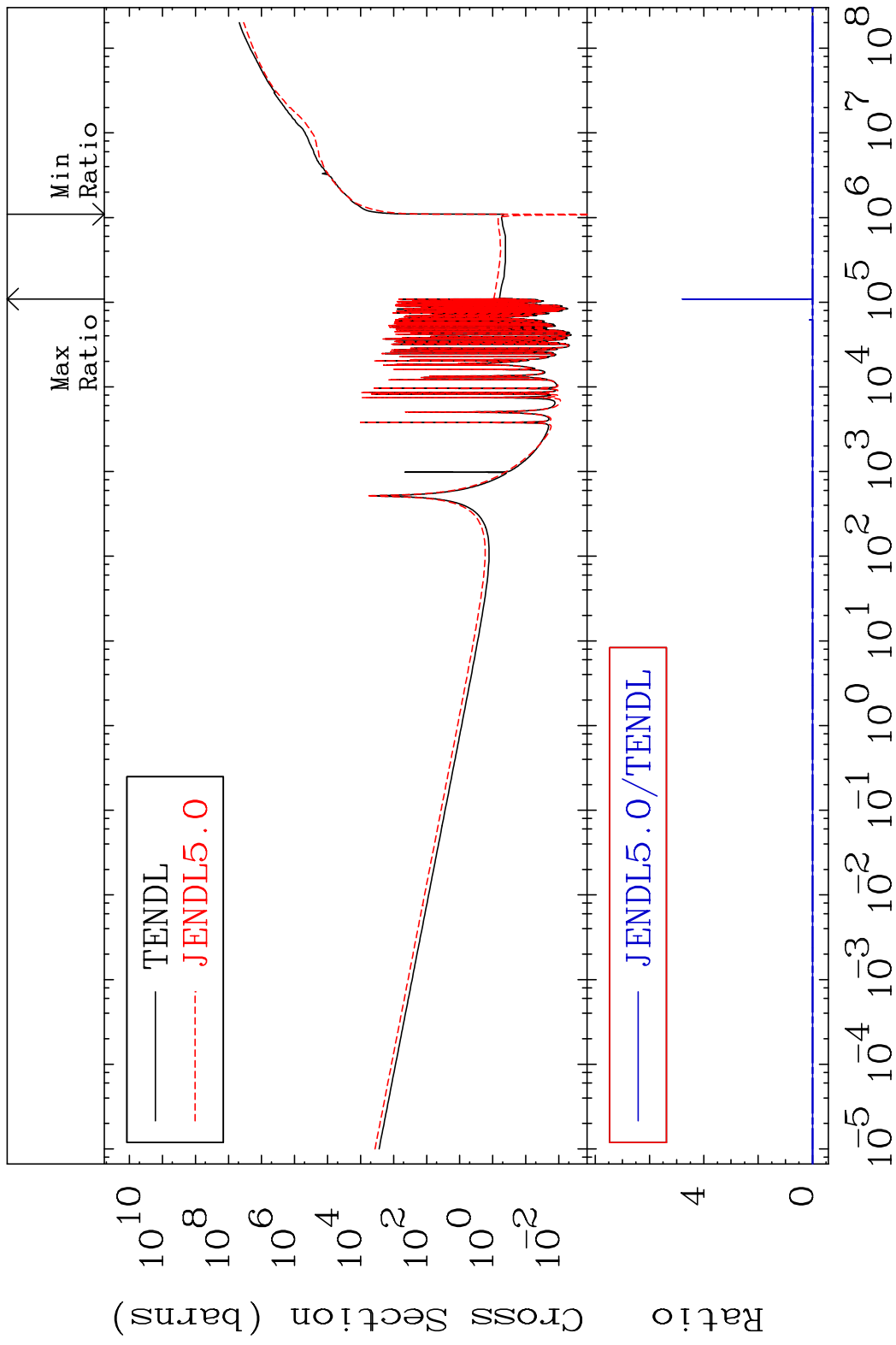


39

Incident Energy (eV)

30-Zn-68

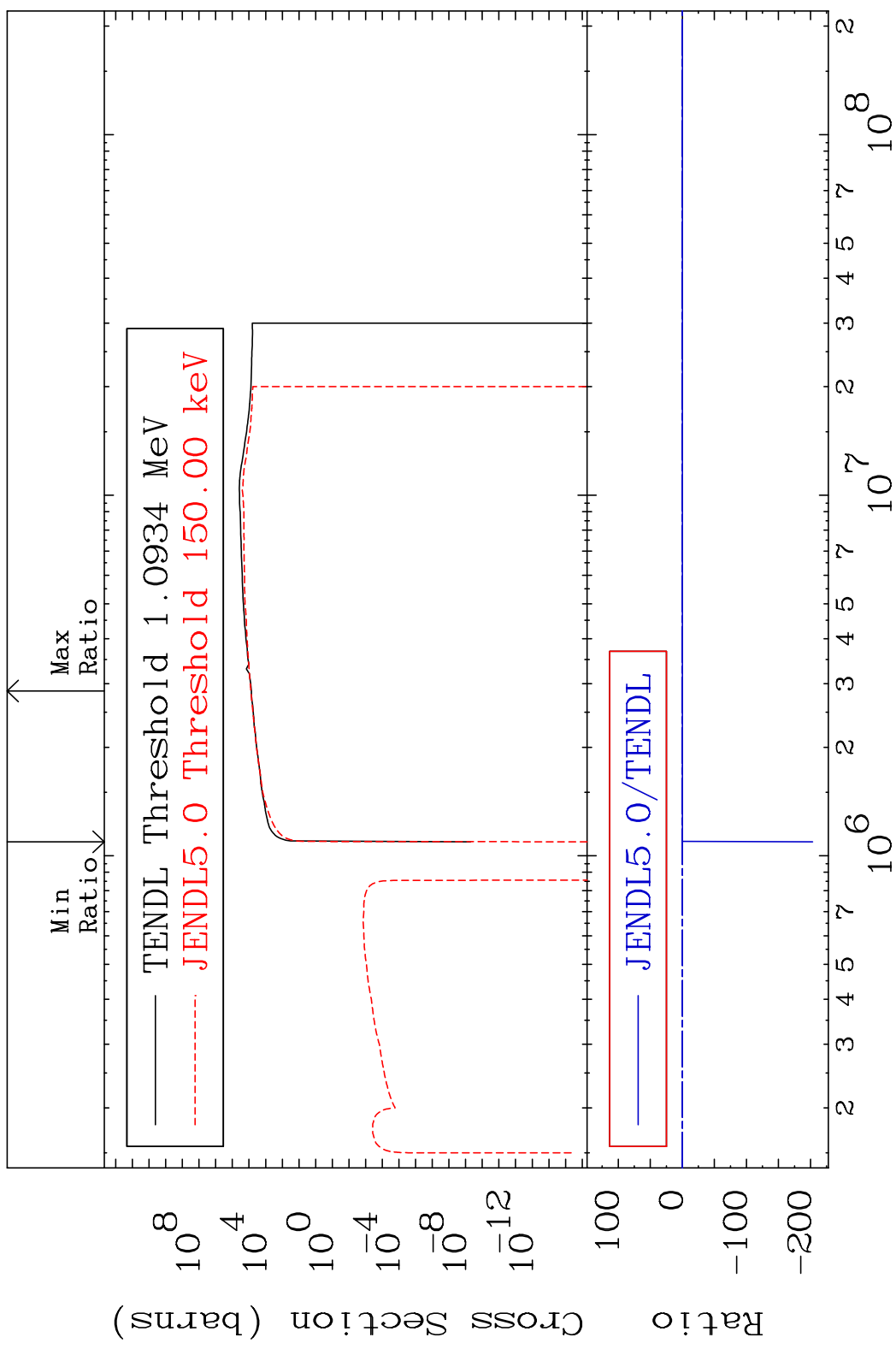
MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68
 Cross Section -154.3 To 9999. %



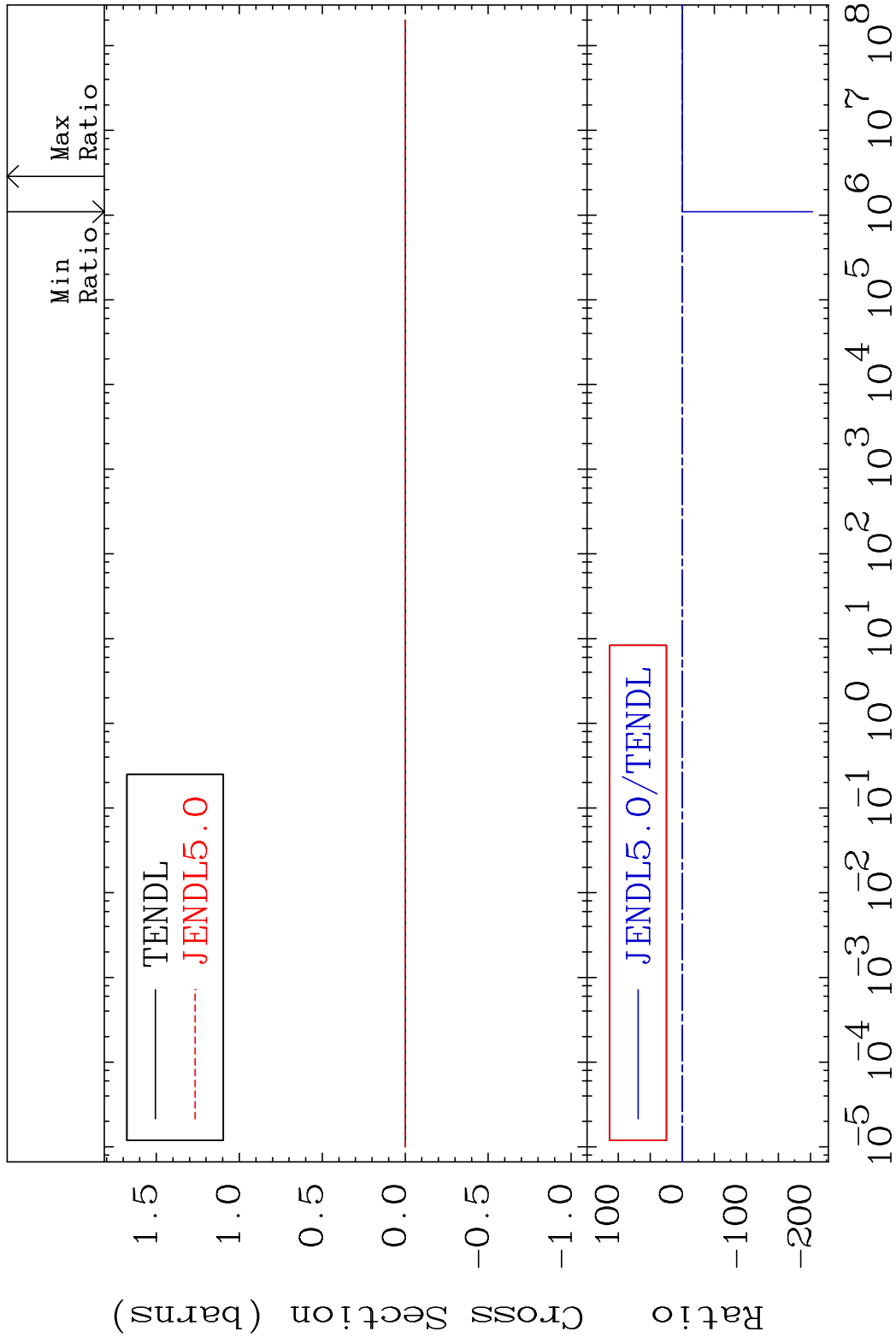
40 Incident Energy (eV) 30-Zn-68

MAT 3037

Kerma inelastic (mt51-91) 30-Zn-68
Cross Section -9999. To 7.483 %

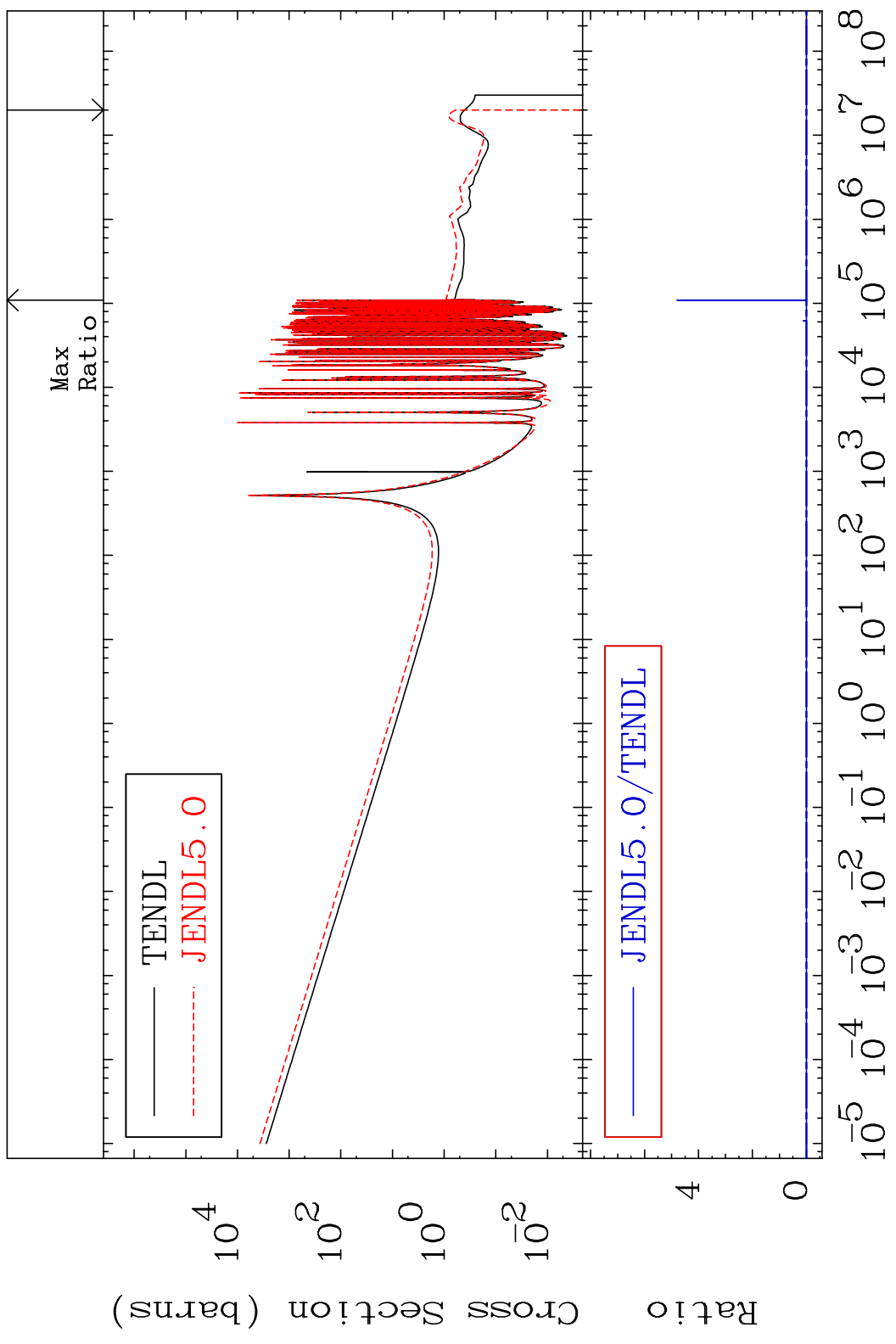


MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68
 Cross Section -9999. To 7.483 %



MAT 3037

Kerma capture (mt102) 30-Zn-68
Cross Section -100.0 To 9999. %

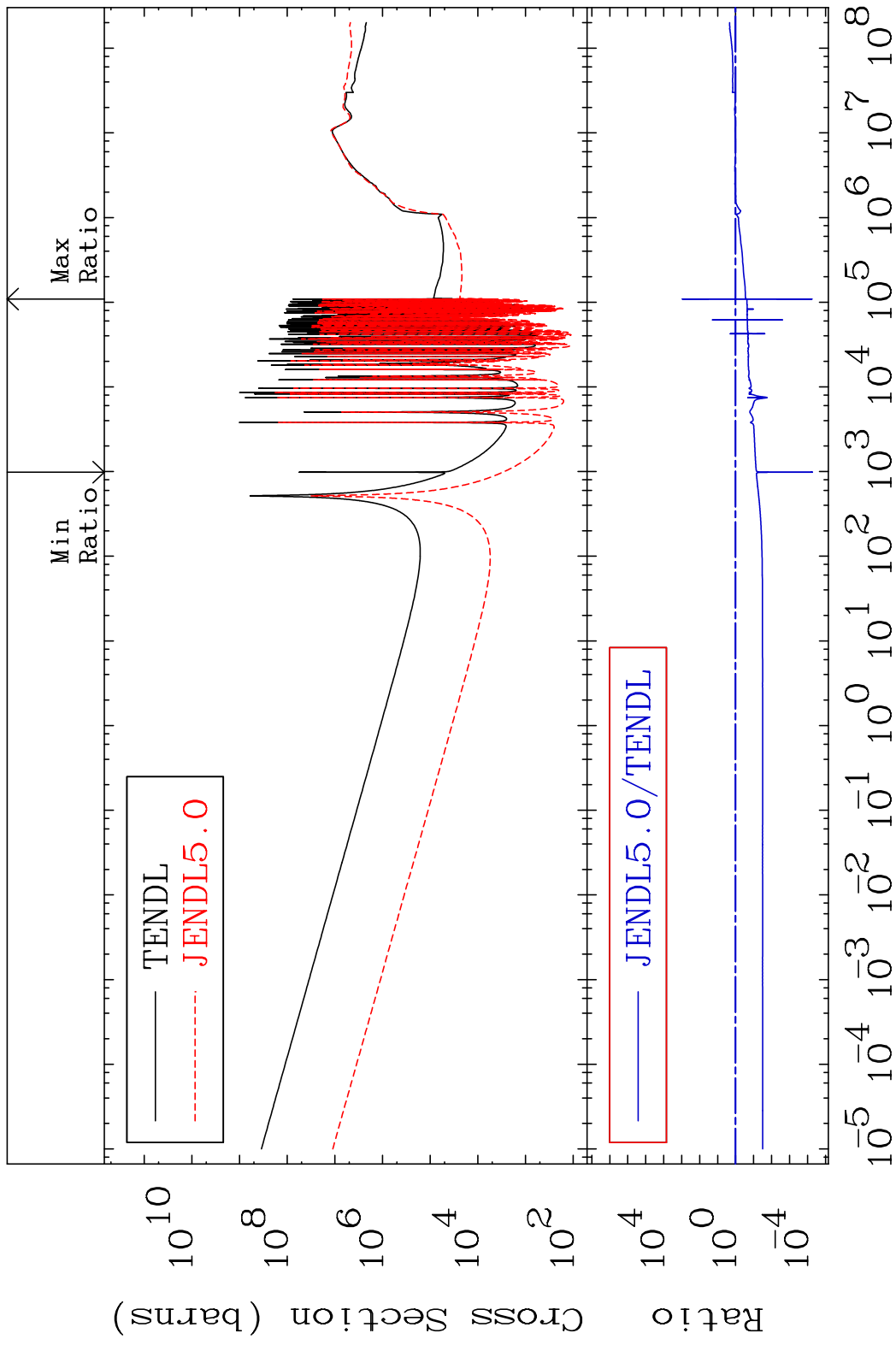


43

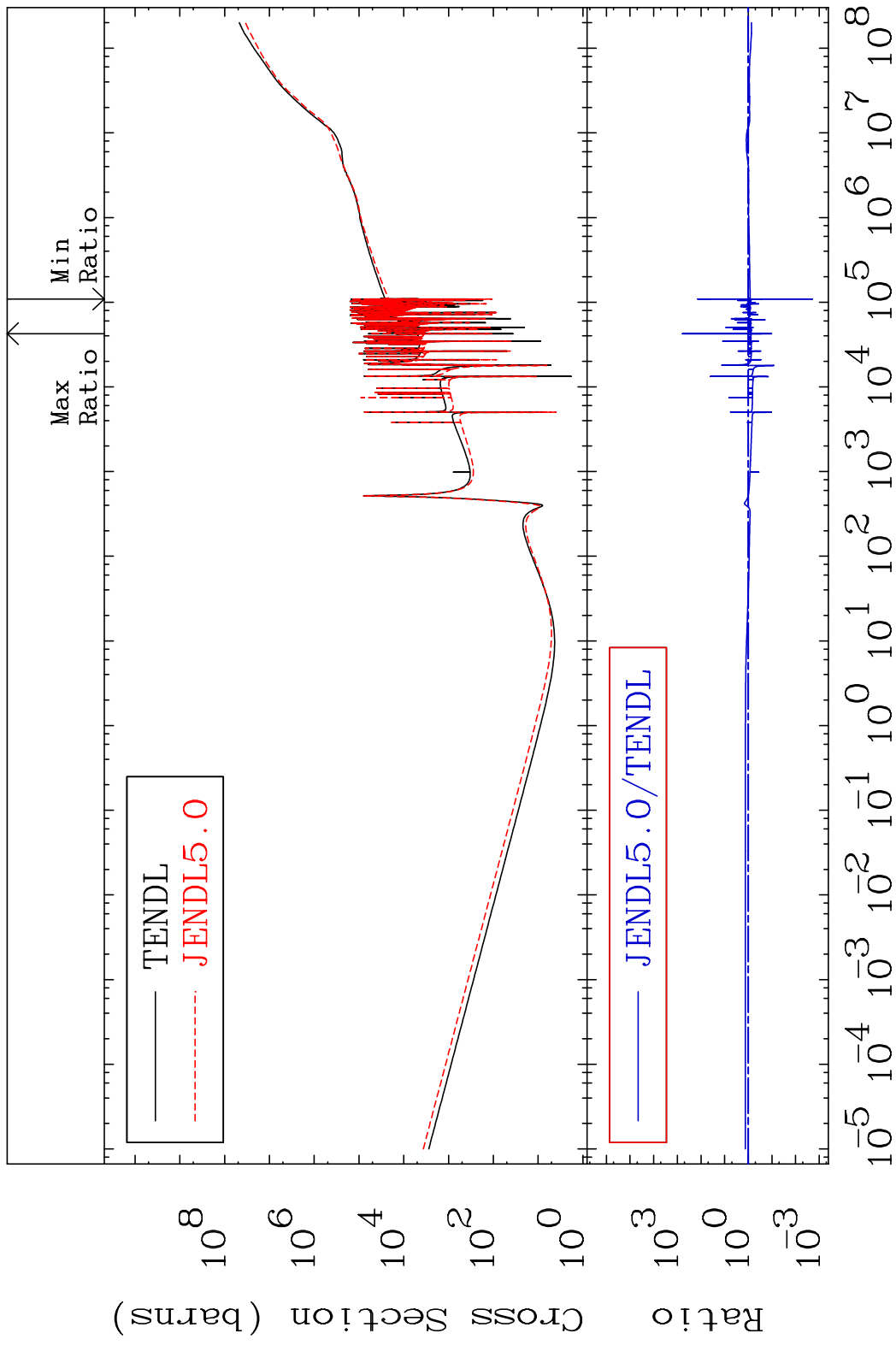
Incident Energy (eV)

30-Zn-68

MAT 3037 Total photon (eV-barns) 30-Zn-68
Cross Section -99.99 To 9999. %



MAT 3037 Total kinematic kerma (high limit) 30-Zn-68
Cross Section -99.81 To 9999. %

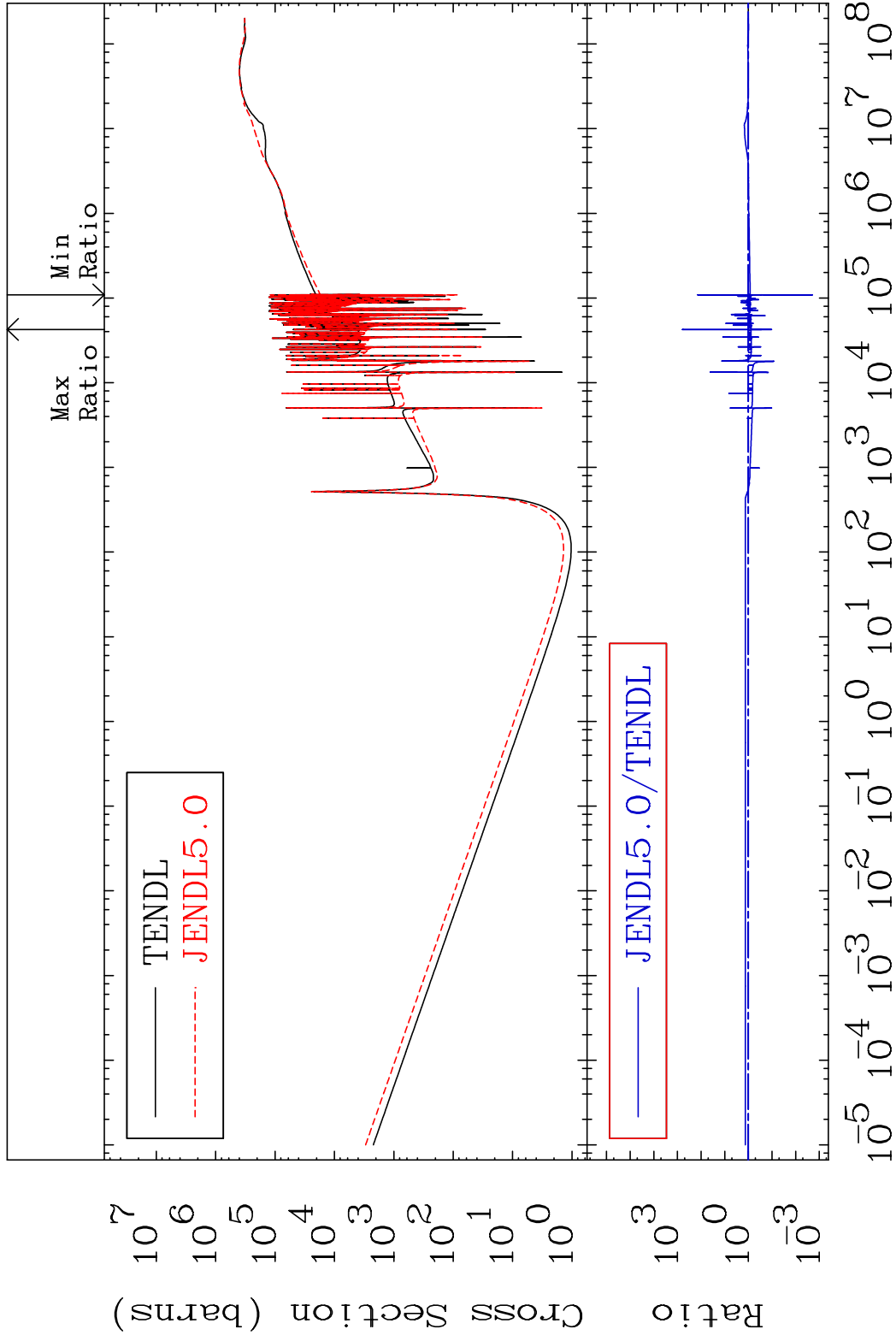


MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.81 To 9999. %



46

Incident Energy (eV)

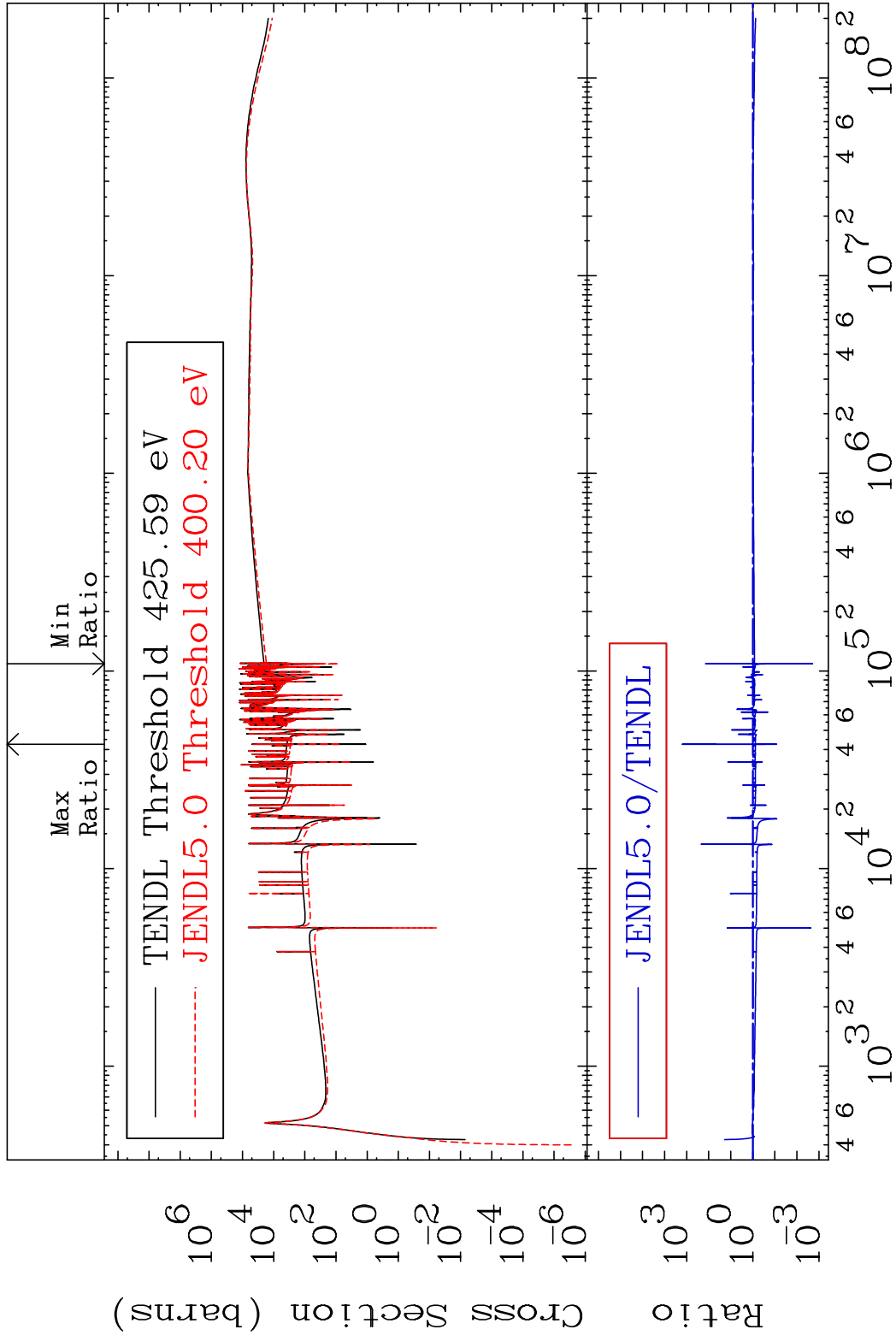
30-Zn-68

MAT 3037

Dpa elastic (mt2)

30-Zn-68

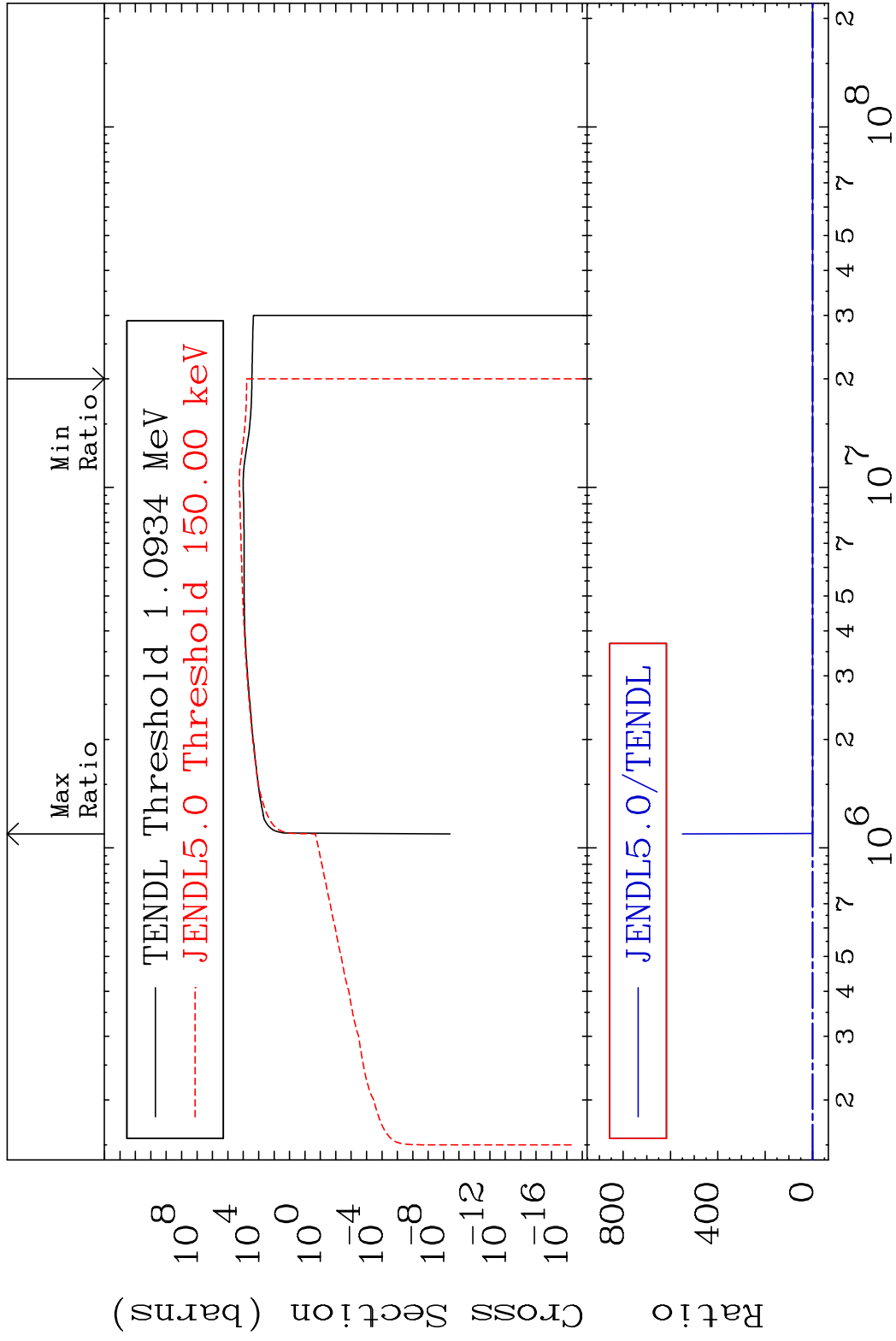
Cross Section -99.81 To 9999. %



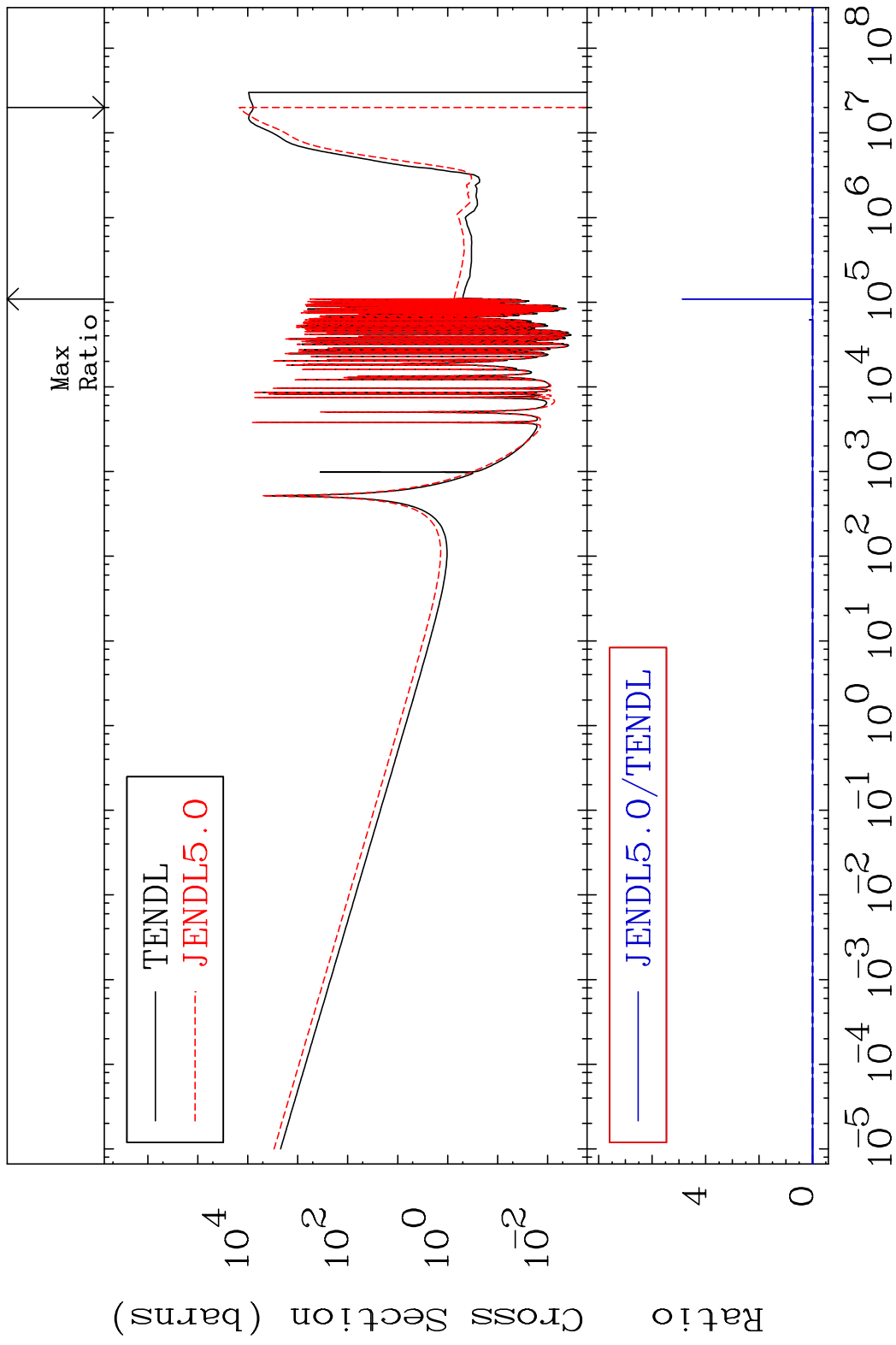
47

Incident Energy (eV)

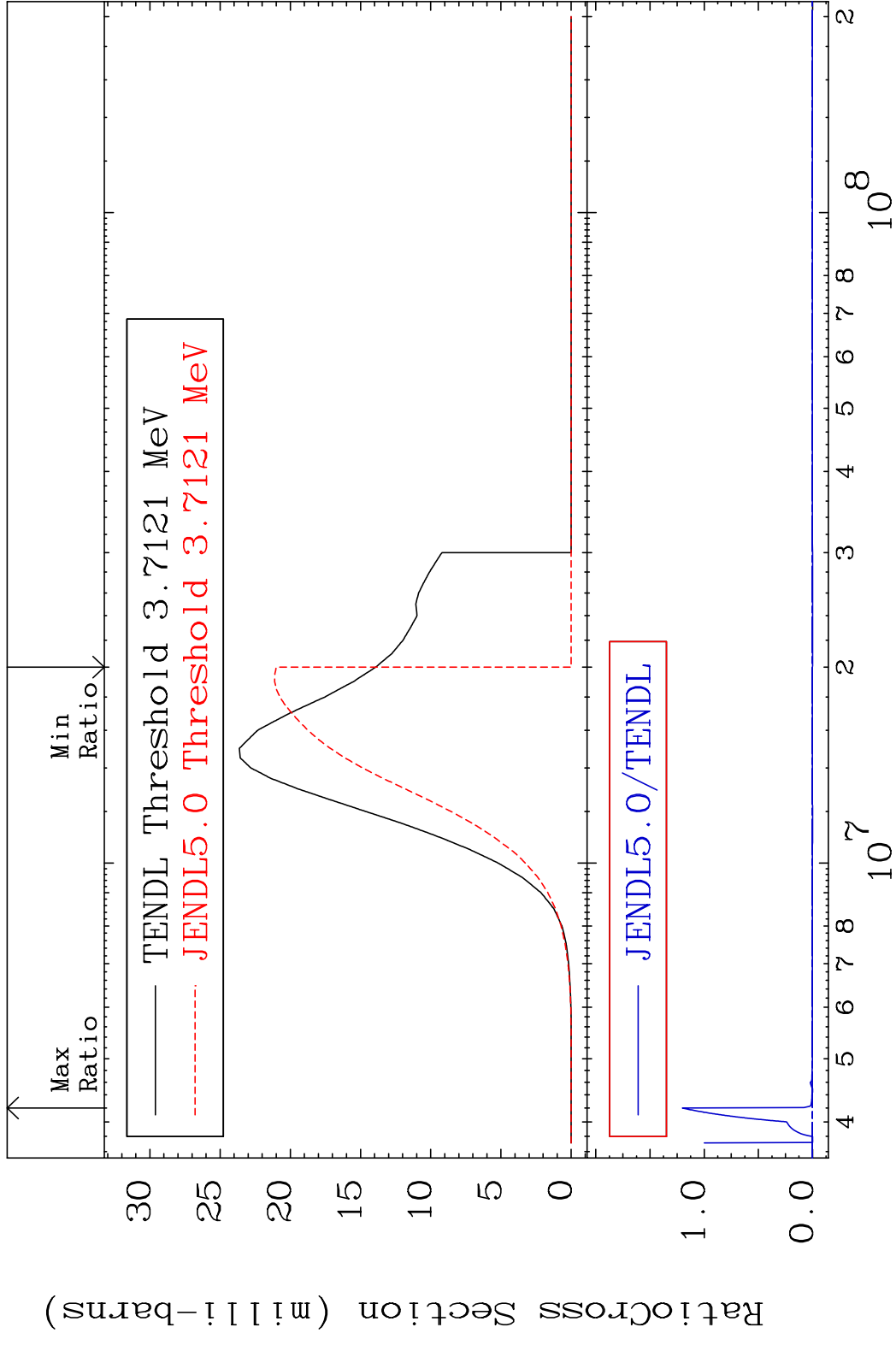
30-Zn-68



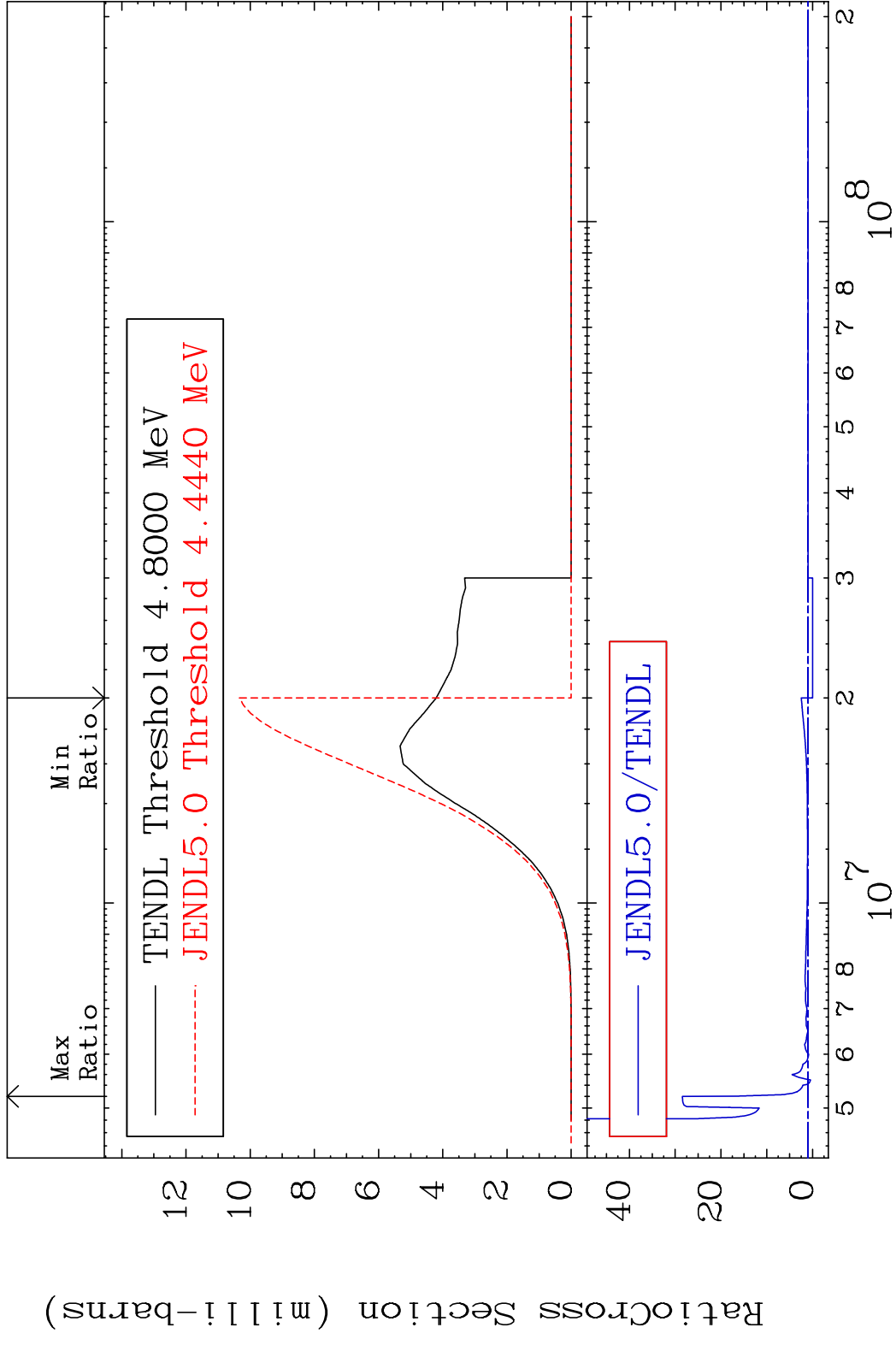
MAT 3037 Dpa disappearance (mt102 -120) 30-Zn-68
Cross Section -100.0 To 9999. %



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



MAT 3037 (n,p):29-Cu-68m3 30-Zn-68
 Radionuclide Production Cross Section 1800 d to 2743. %

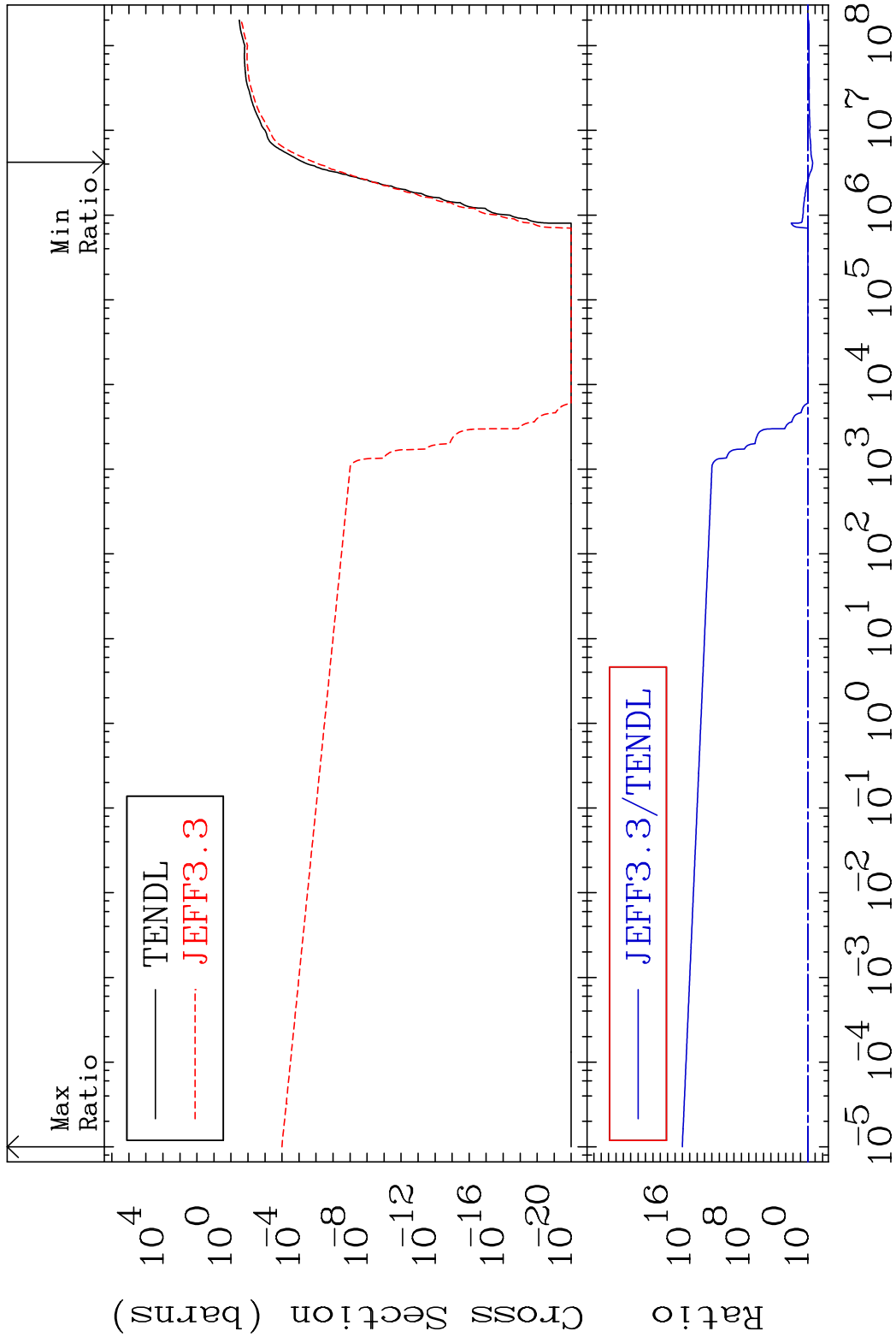


MAT 3037

He-4 Production

30-Zn-68

Cross Section -77.25 To 9999. %

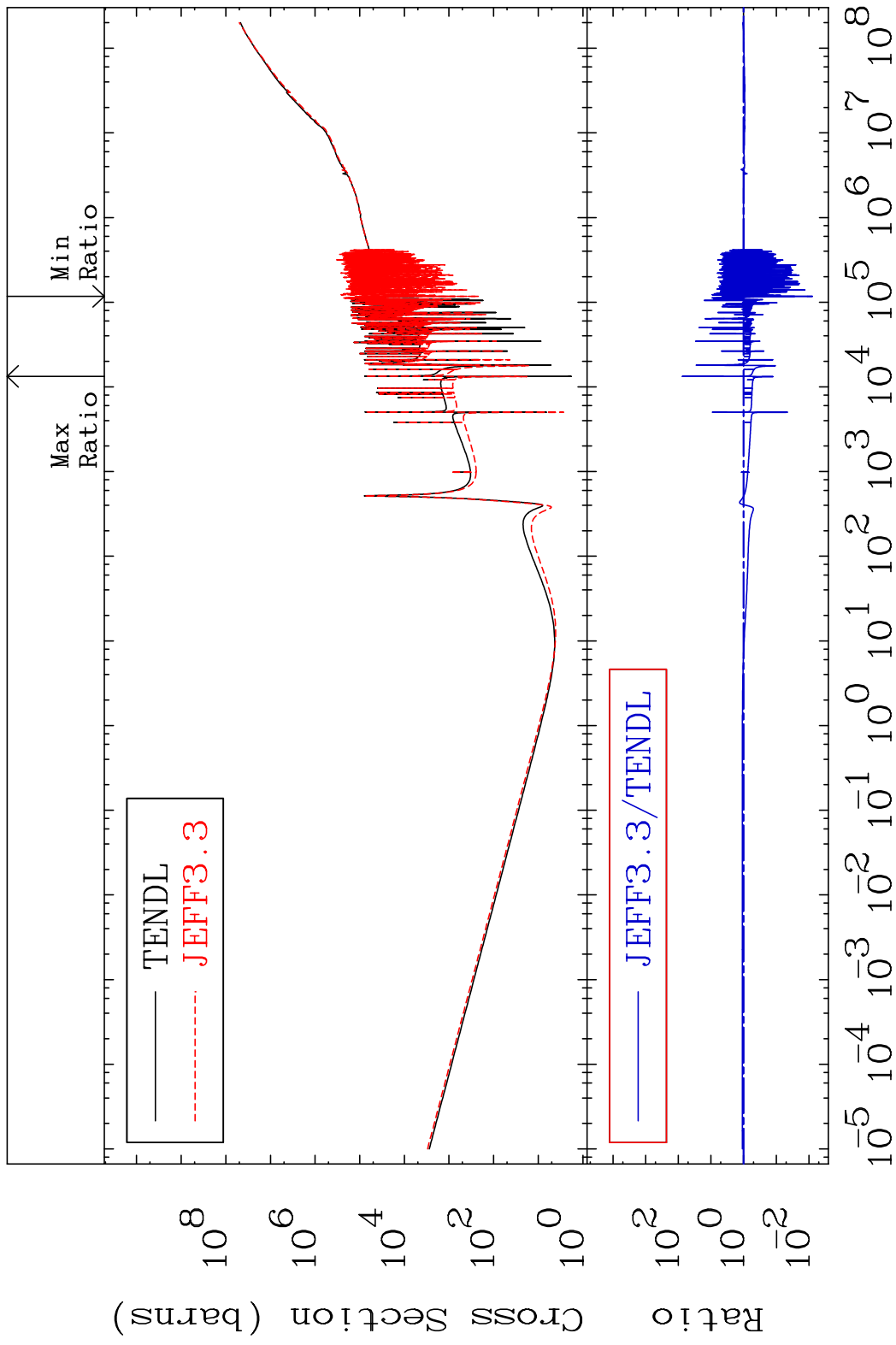


52

Incident Energy (eV)

30-Zn-68

MAT 3037 Kerma total (eV-barns) 30-Zn-68
 Cross Section -99.23 To 7431. %



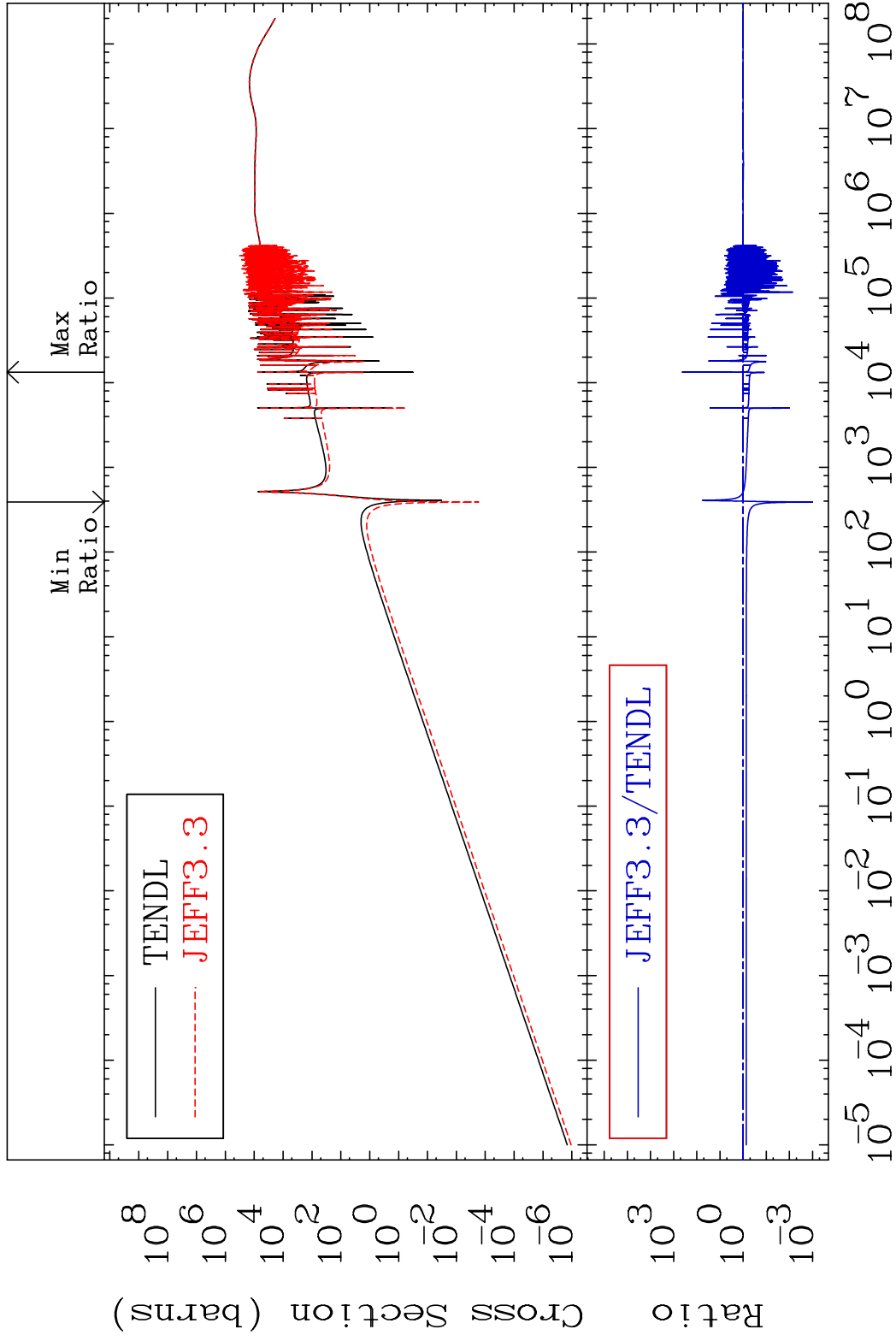
53 Incident Energy (eV) 30-Zn-68

MAT 3037

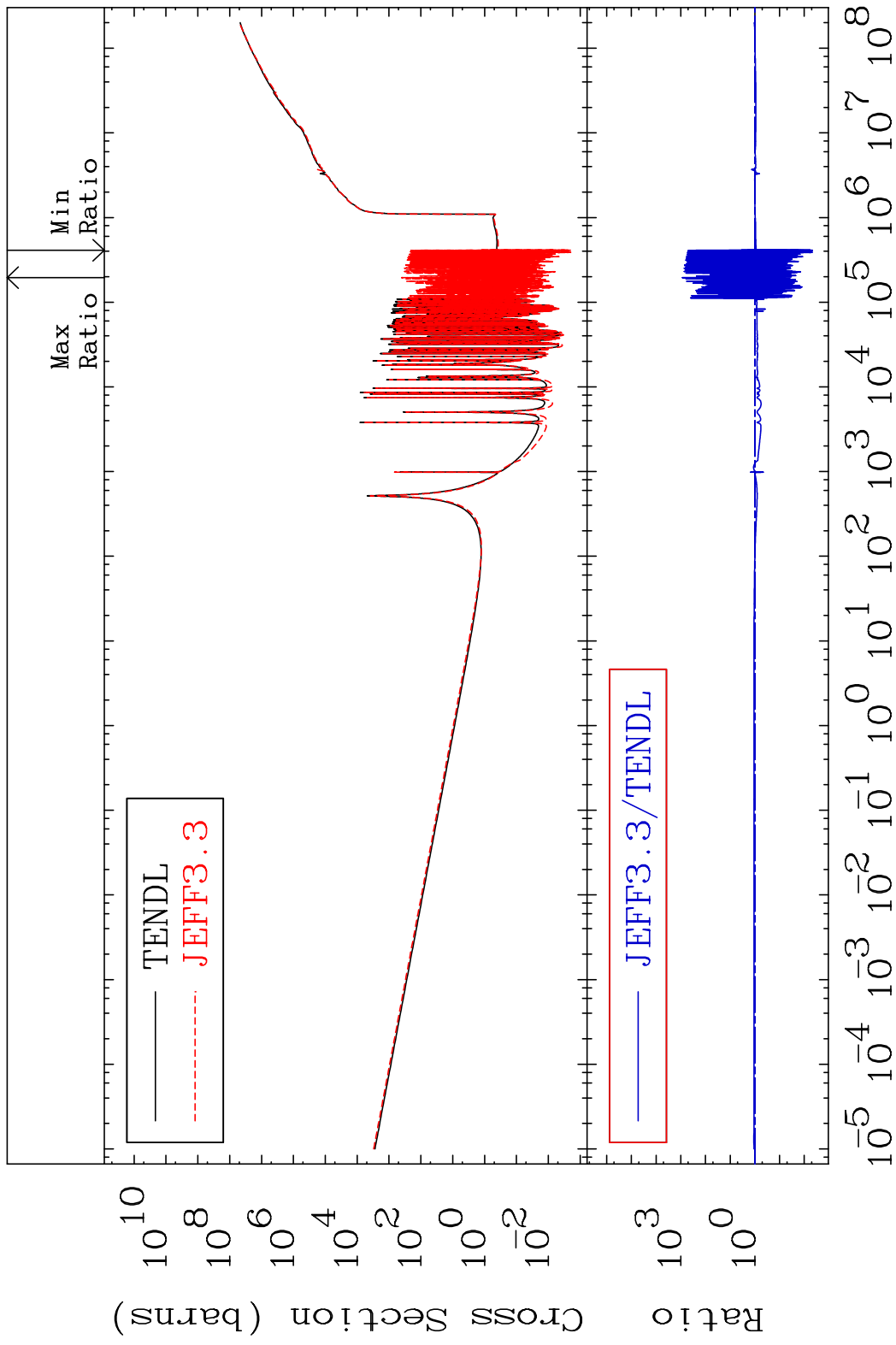
Kerma elastic
Cross Section

30-Zn-68

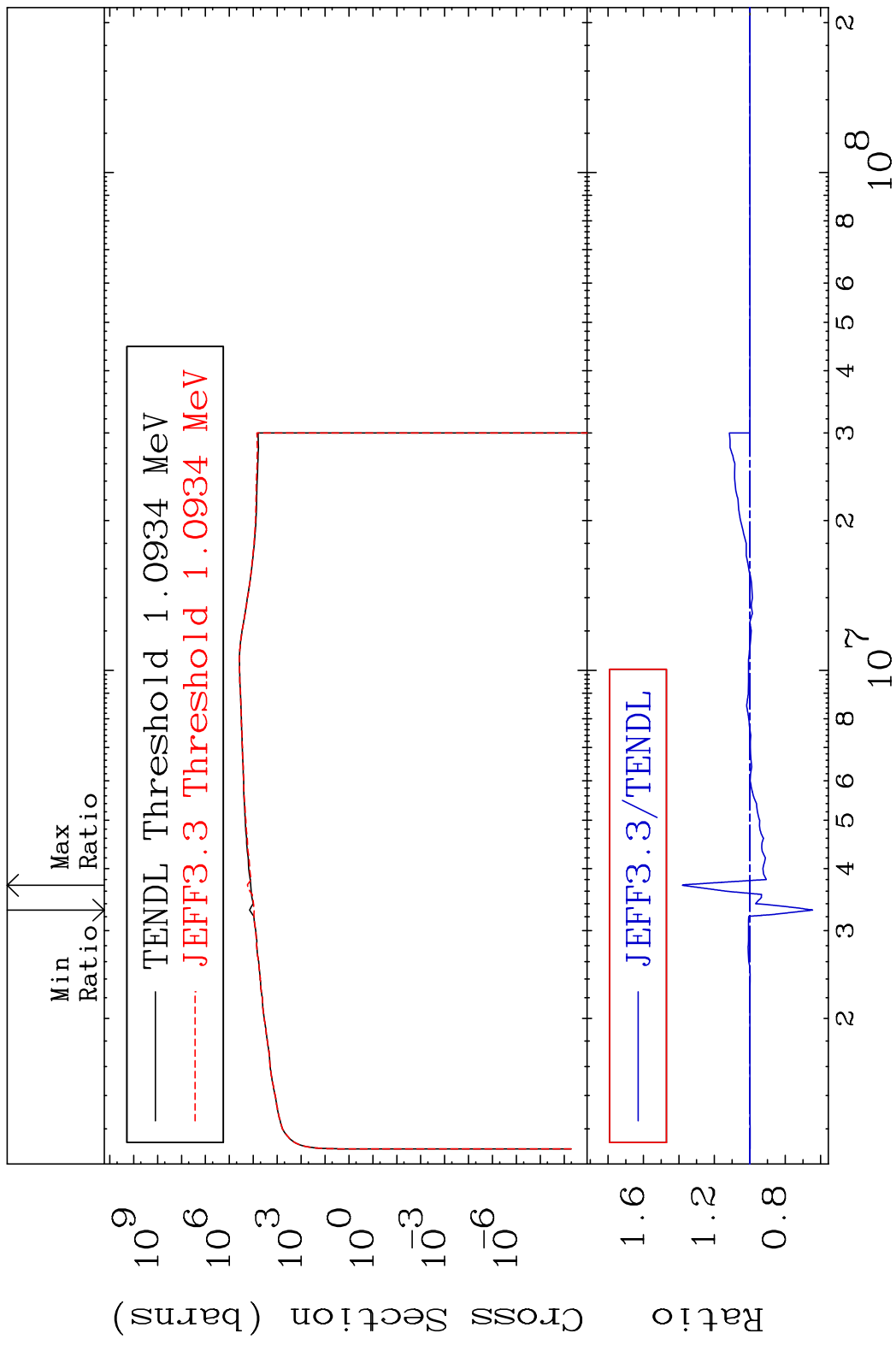
-99.90 To 9999. %



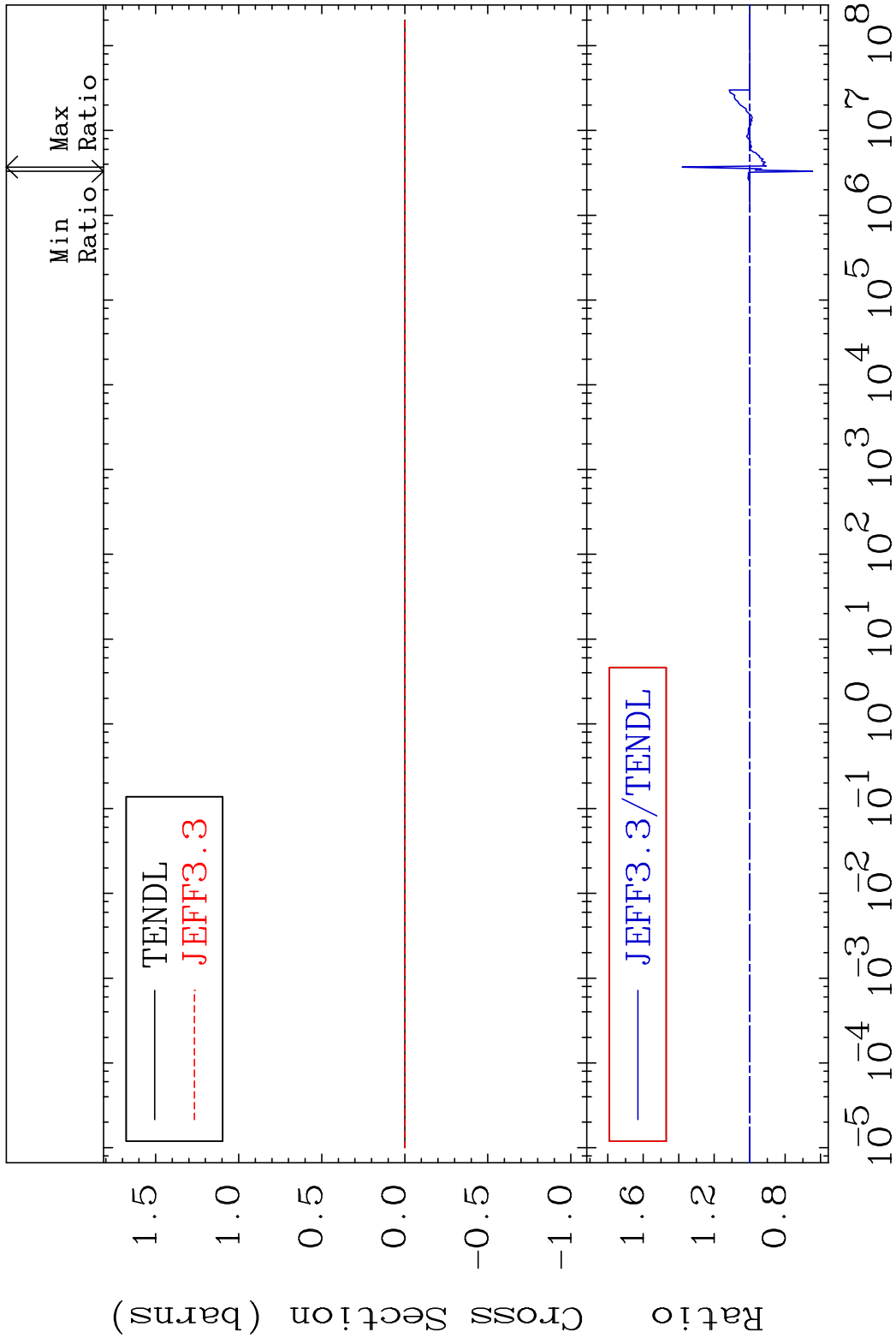
MAT 3037 Kerma non-elastic (all but mt2) 30-Zn-68
 Cross Section -99.54 To 9999. %



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

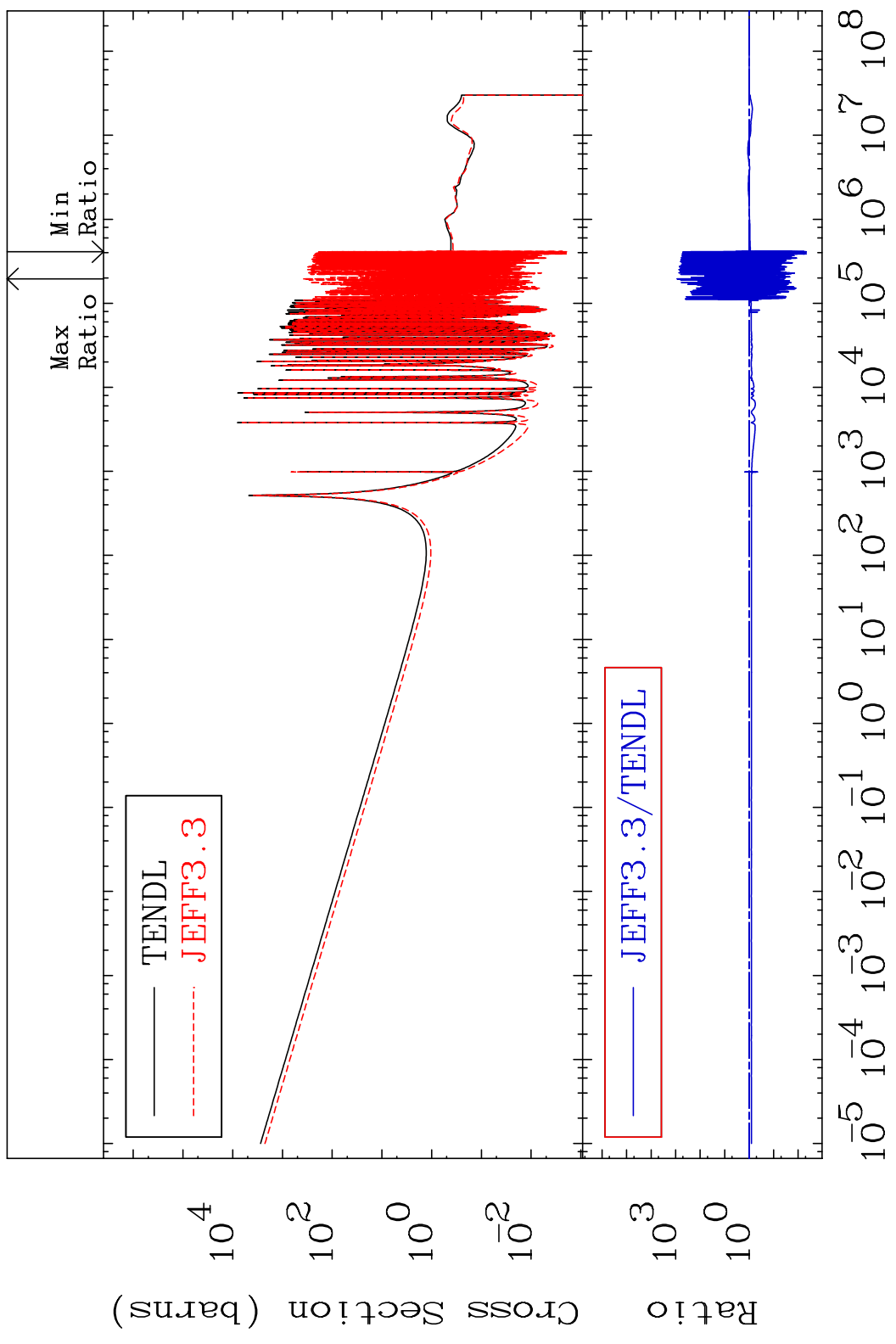


MAT 3037 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-68
 Cross Section -35.41 To 38.06 %



MAT 3037

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



58

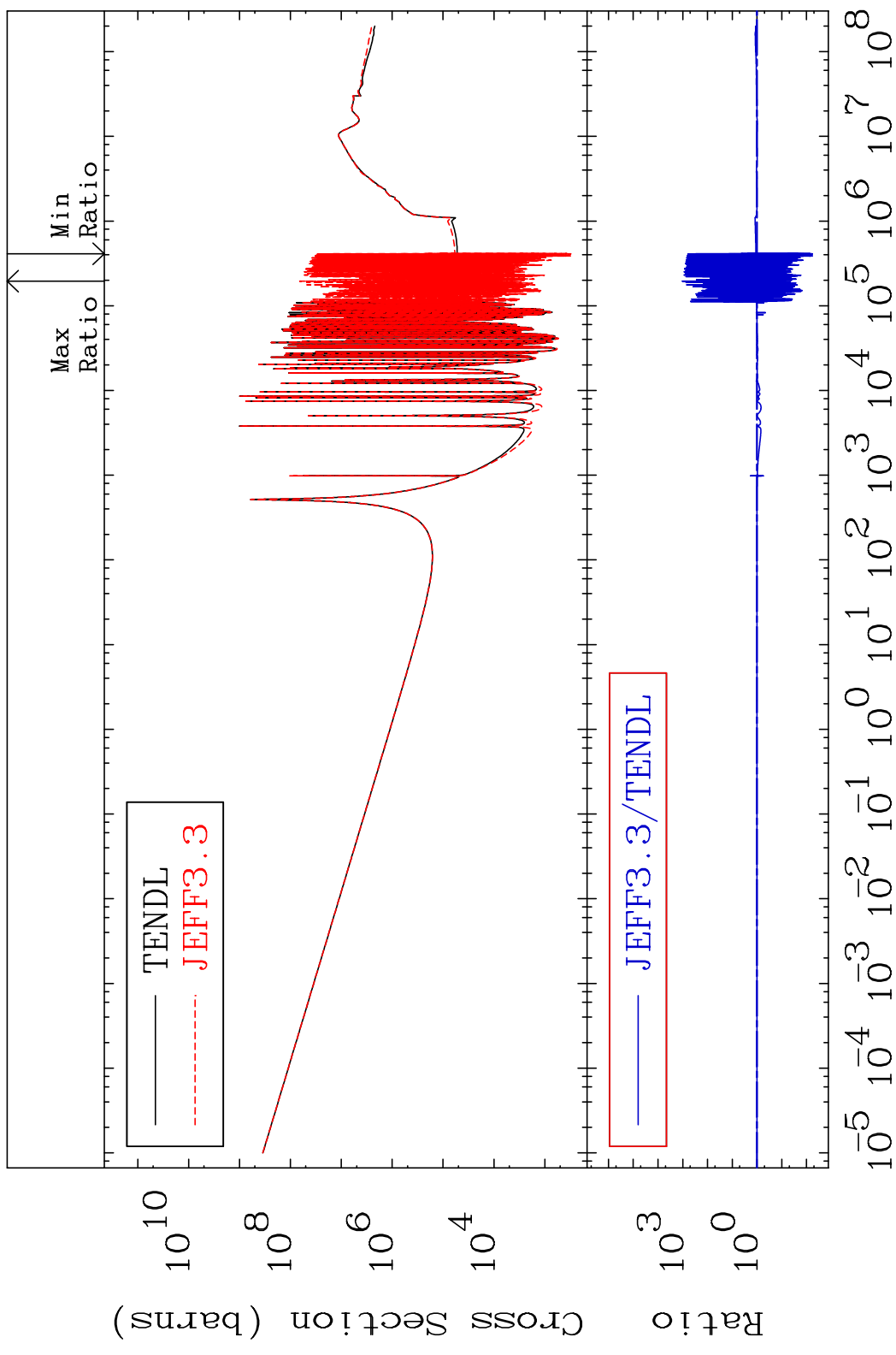
Incident Energy (eV) 30-Zn-68

MAT 3037

Total photon (eV-barns)

30-Zn-68

Cross Section -99.43 To 9999. %

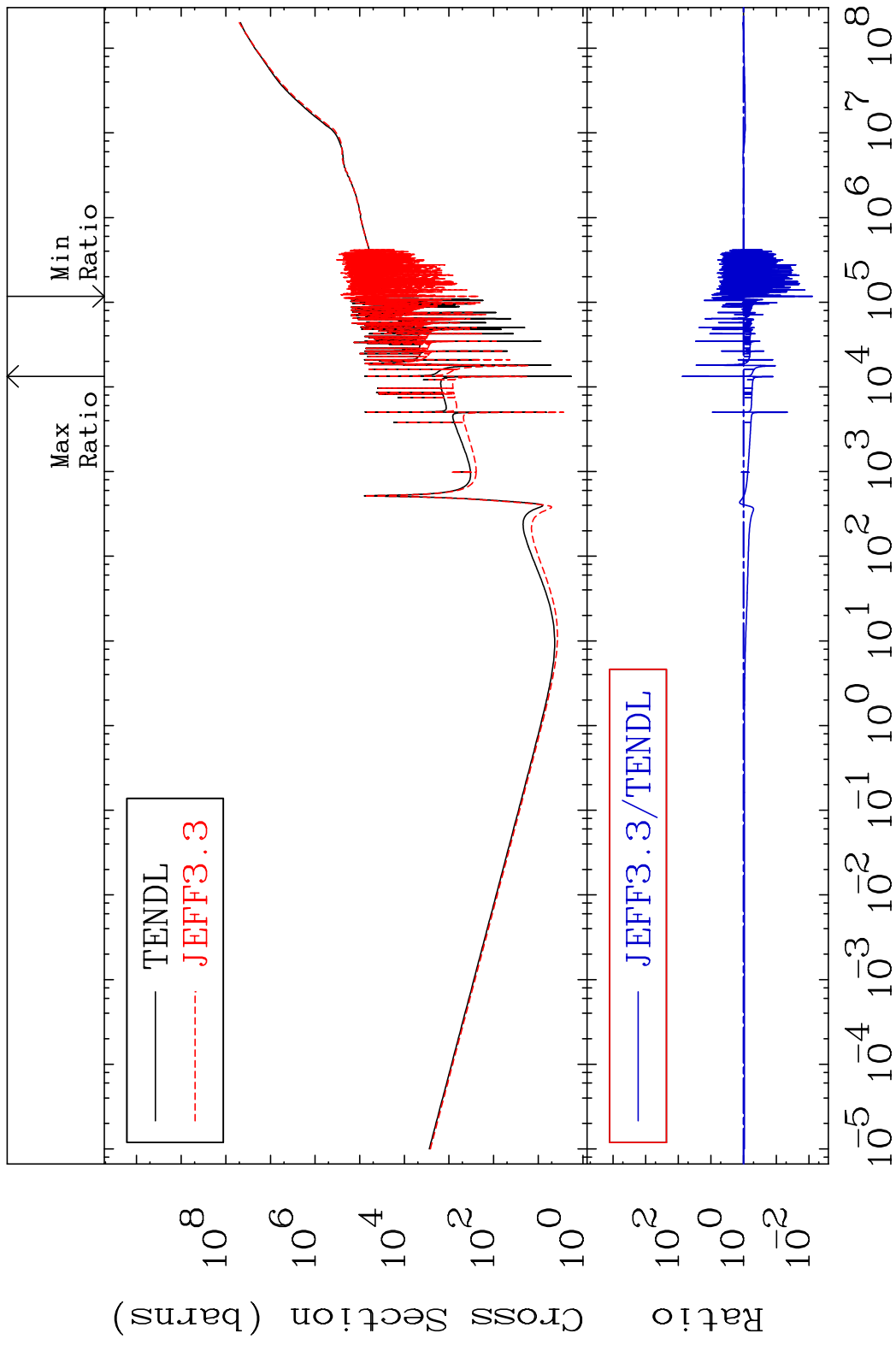


59

Incident Energy (eV)

30-Zn-68

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

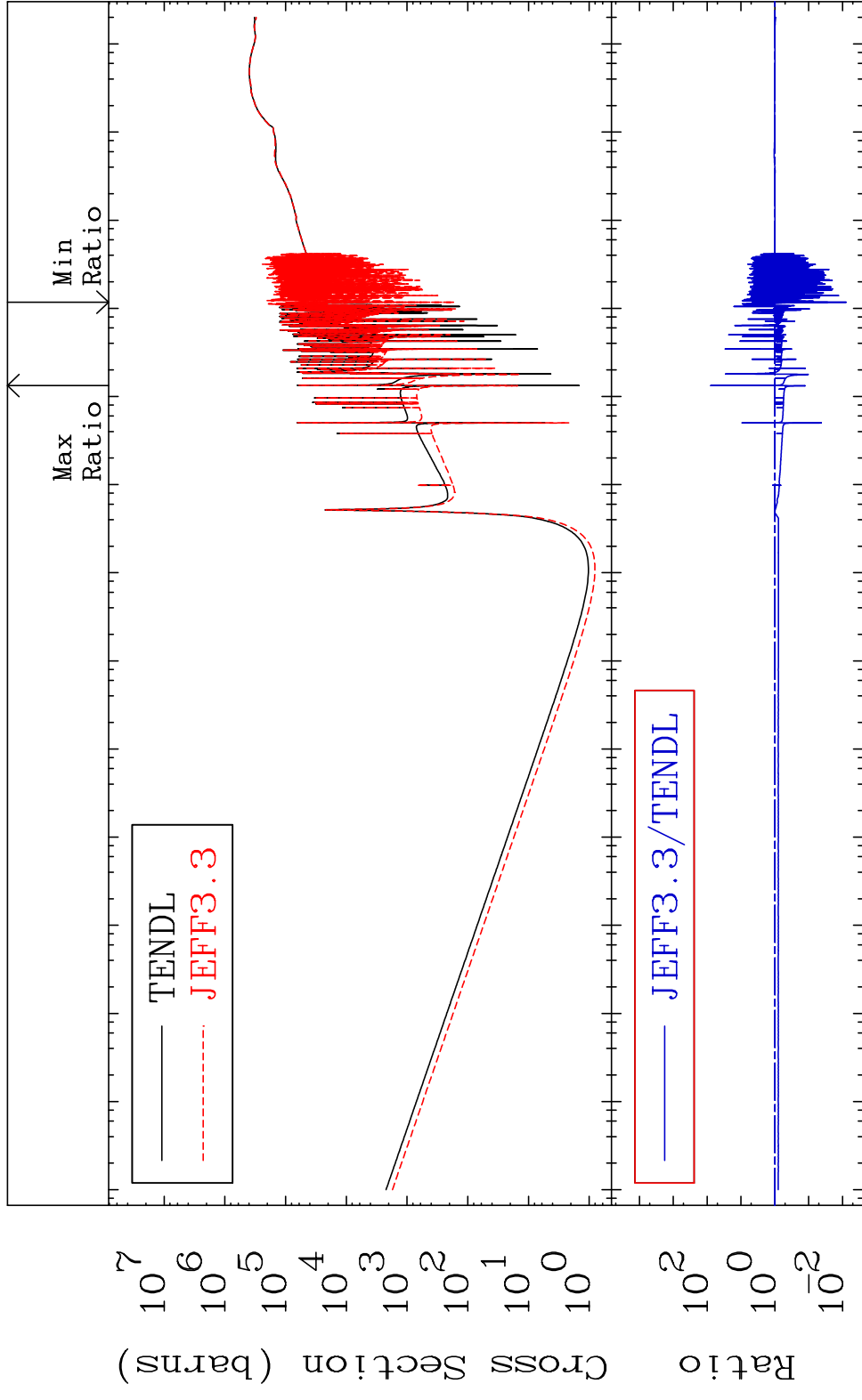


MAT 3037

Dpa total (eV-barns)

30-Zn-68

Cross Section -99.23 To 7724. %



61

Incident Energy (eV)

30-Zn-68

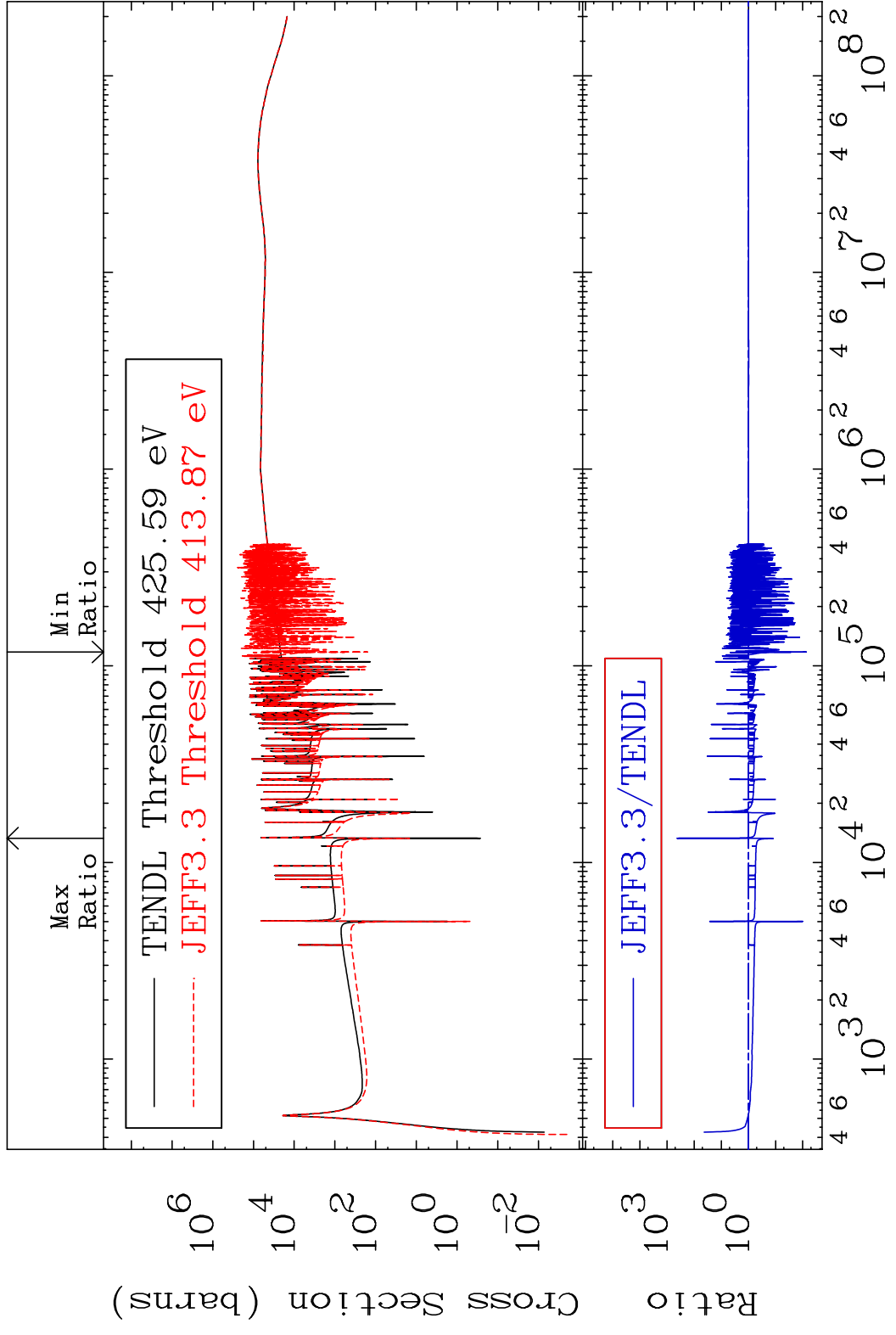
MAT 3037

Dpa elastic (mt2)

30-Zn-68

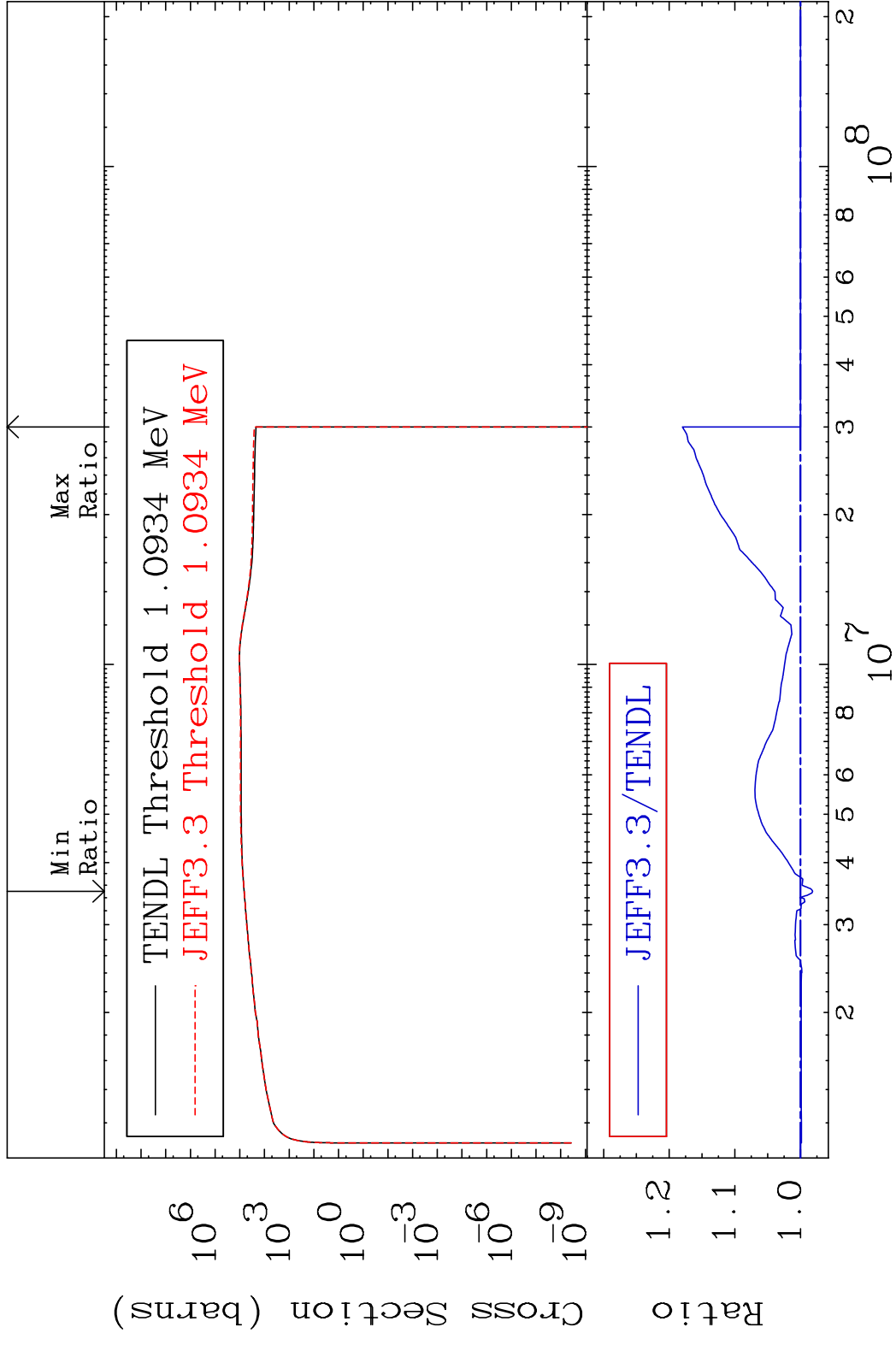
Cross Section

-99.27 To 9999. %

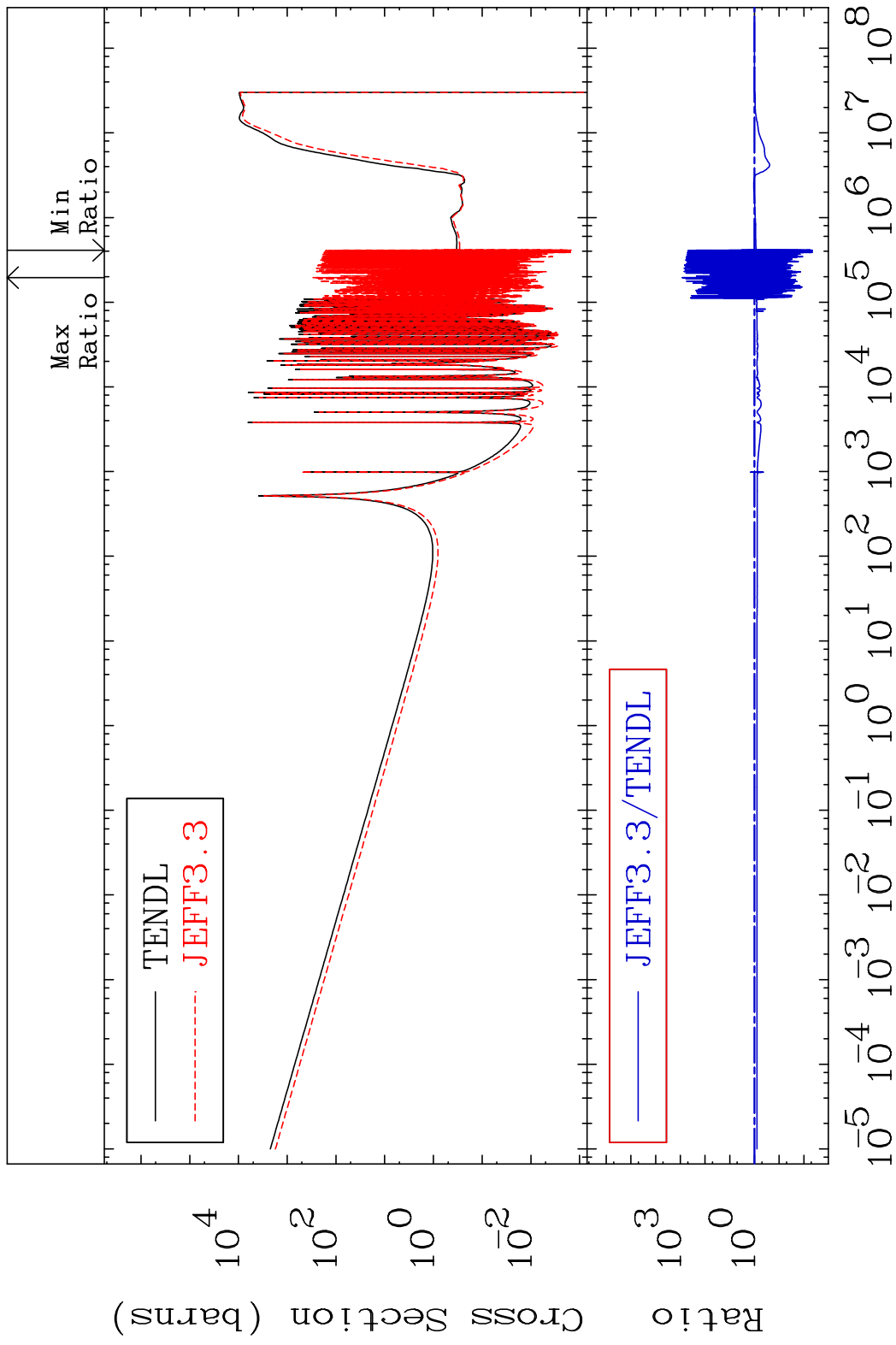


MAT 3037

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. %



64 Incident Energy (eV) 30-Zn-68

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

