

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

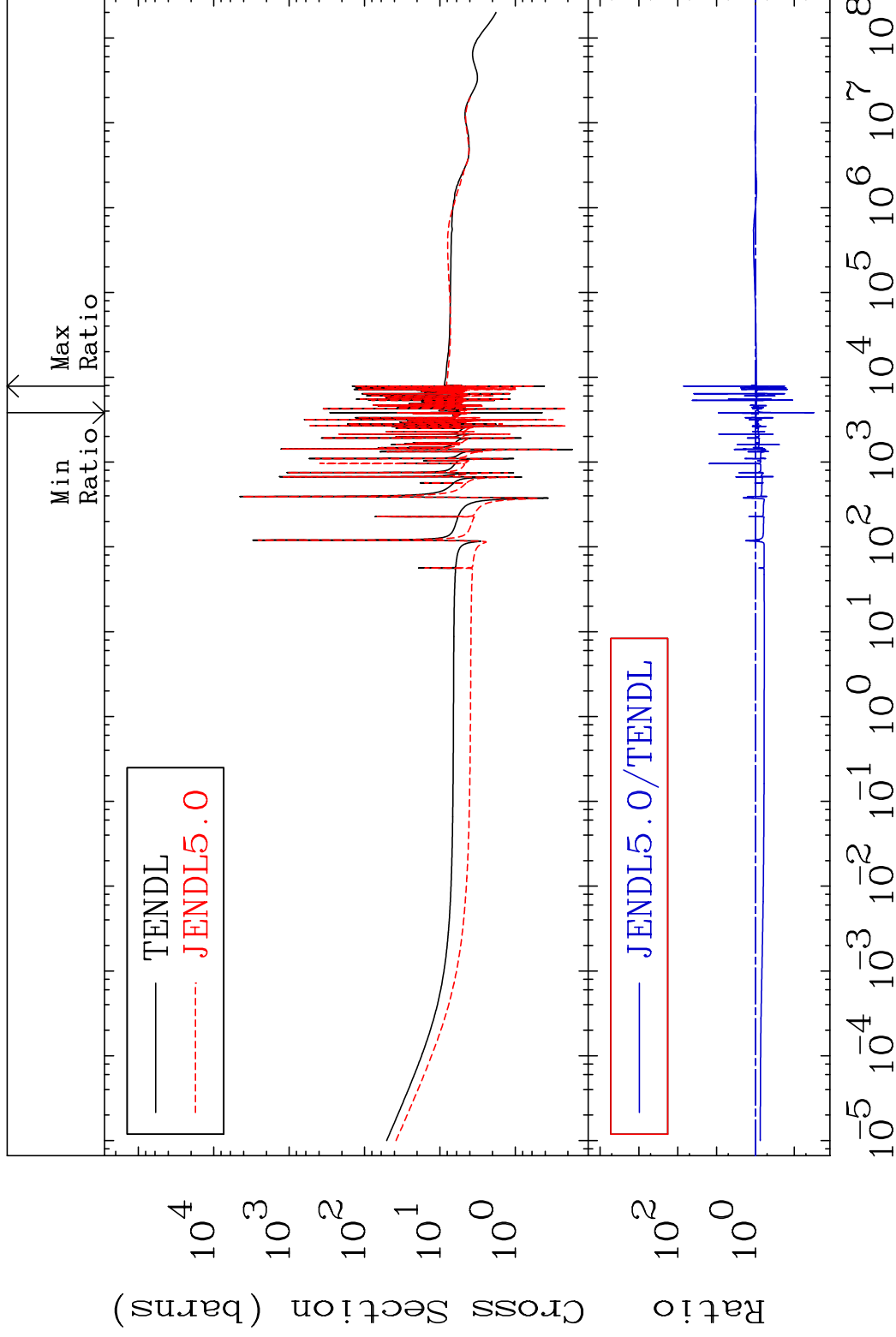
MAT 4849

Total

48-Cd-114

Cross Section

-96.91 To 6922. %



1

Incident Energy (eV)

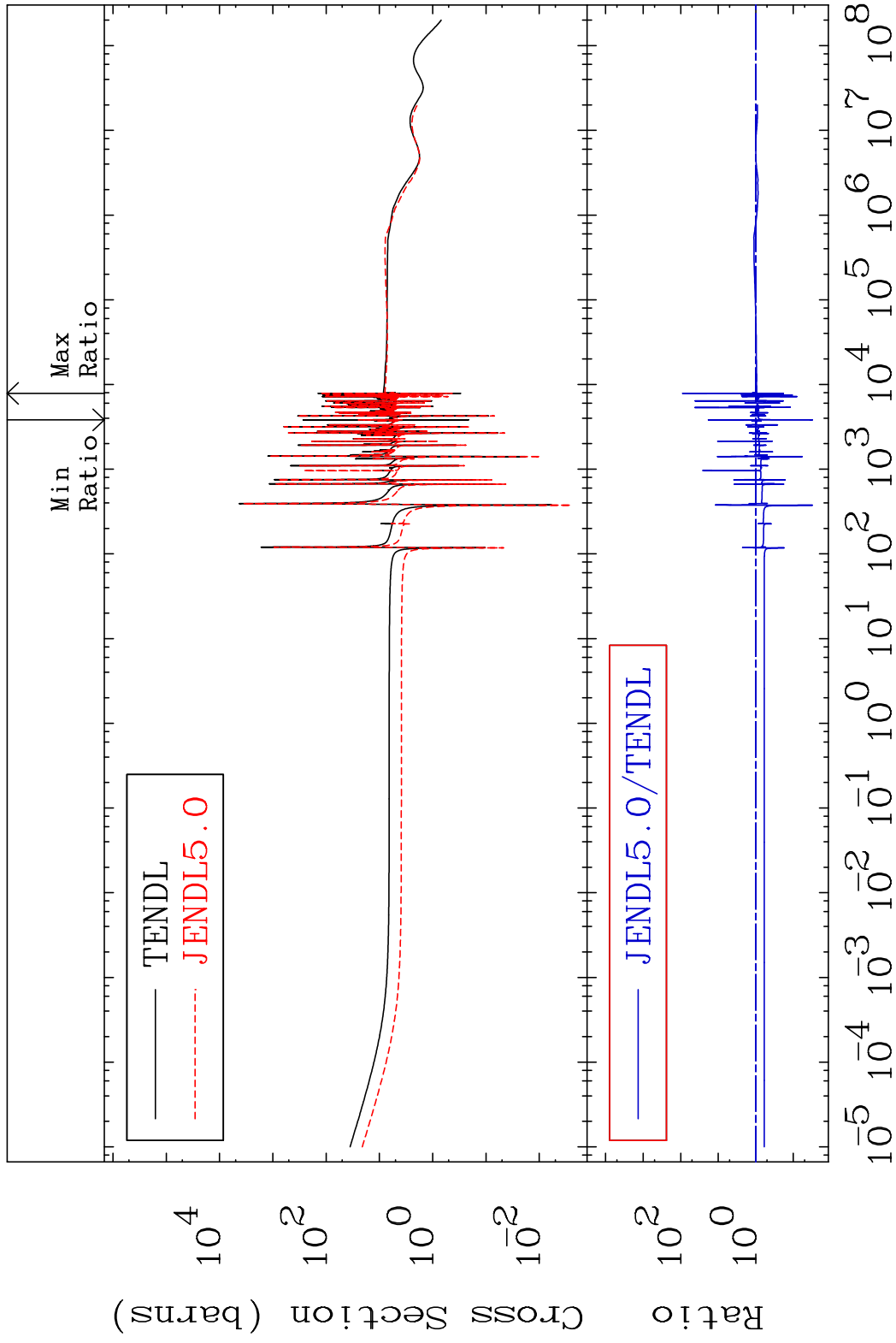
48-Cd-114

MAT 4849

Elastic

48-Cd-114

Cross Section -96.93 To 8940. %

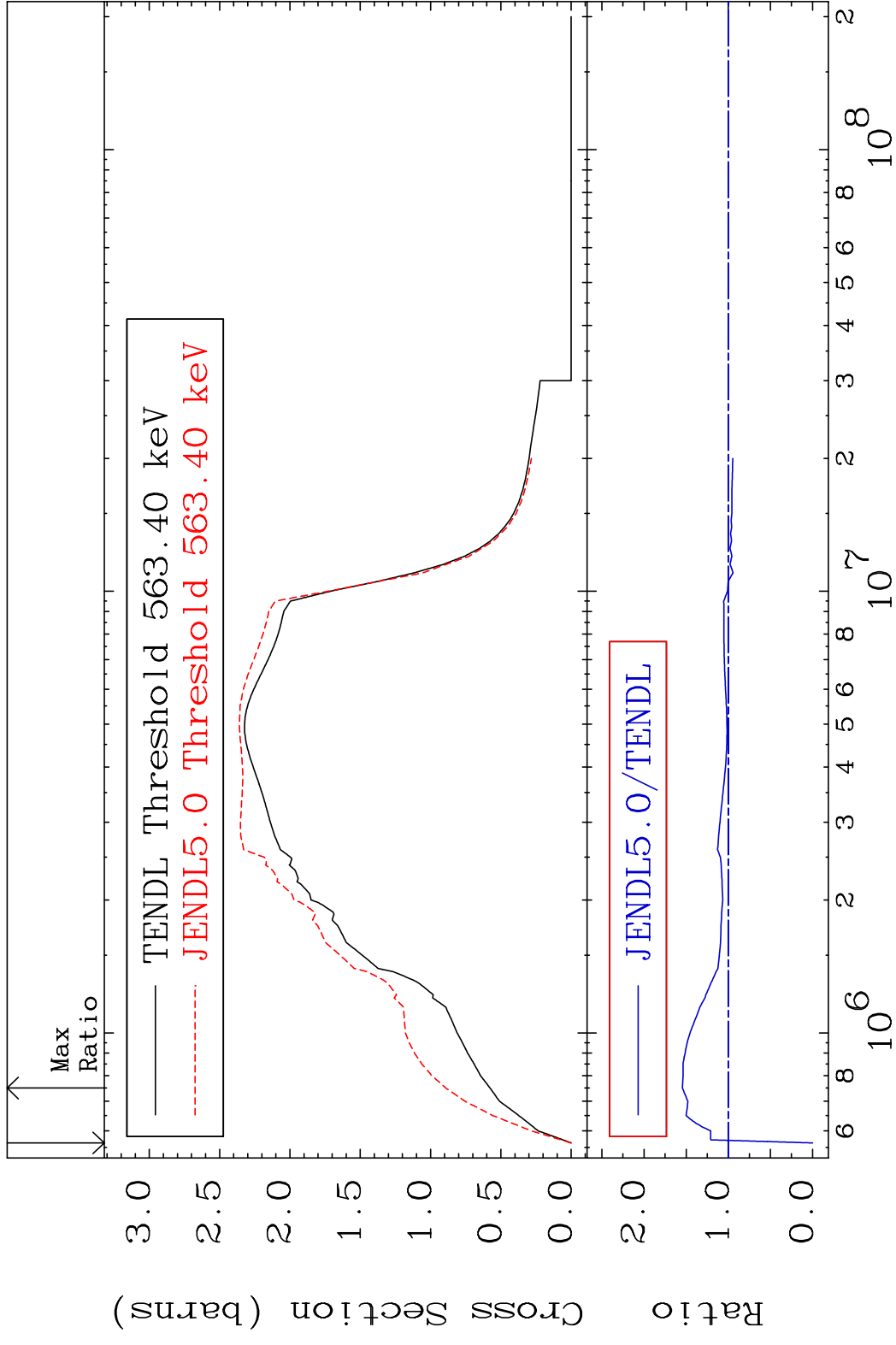


2

Incident Energy (eV)

48-Cd-114

MAT 4849 Inelastic 48-Cd-114
Cross Section -100.0 To 54.52 %

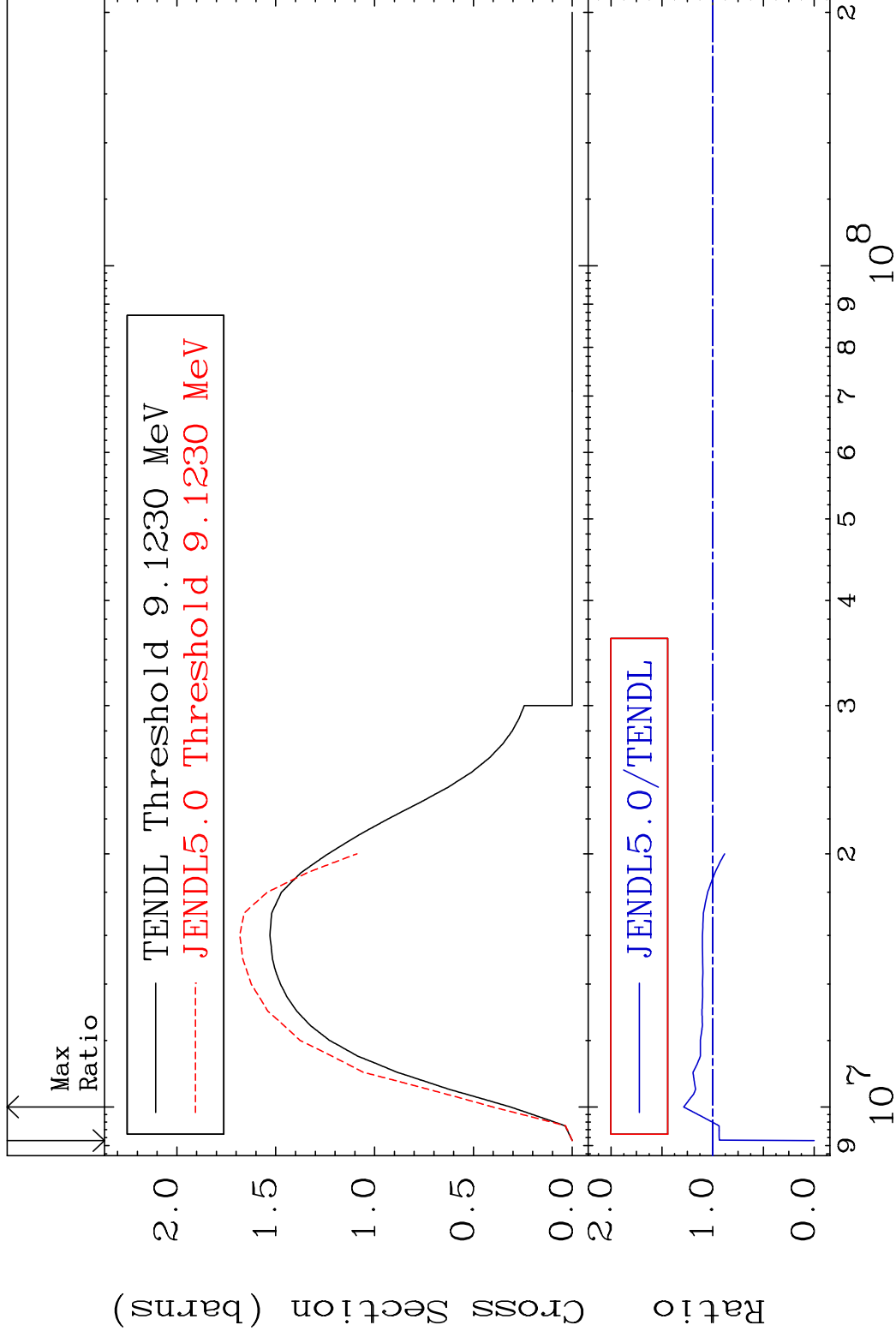


MAT 4849

(n,2n)

48-Cd-114

Cross Section -100.0 To 28.54 %



4

Incident Energy (eV)

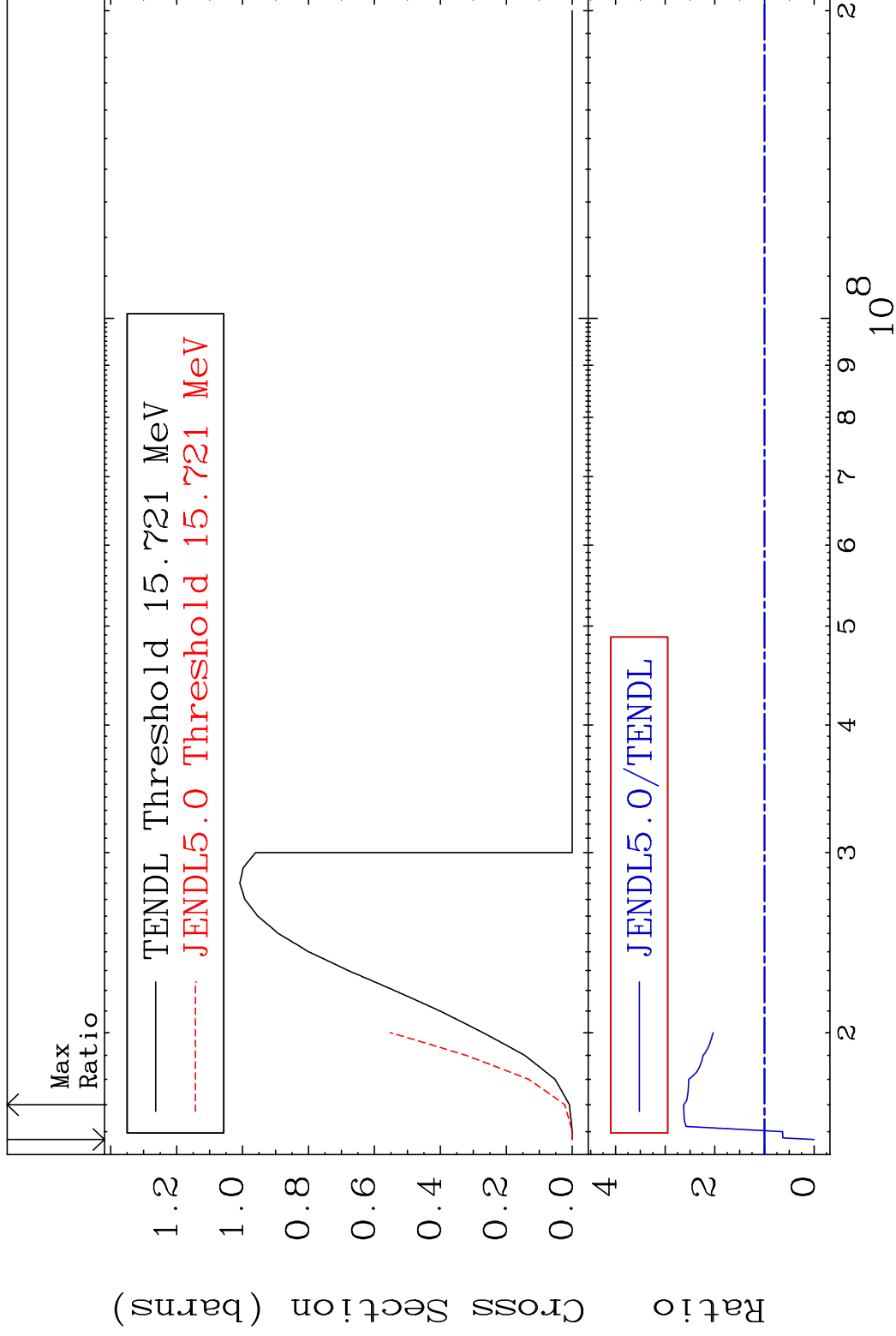
48-Cd-114

MAT 4849

(n,3n)

48-Cd-114

Cross Section -100.0 To 162.8 %

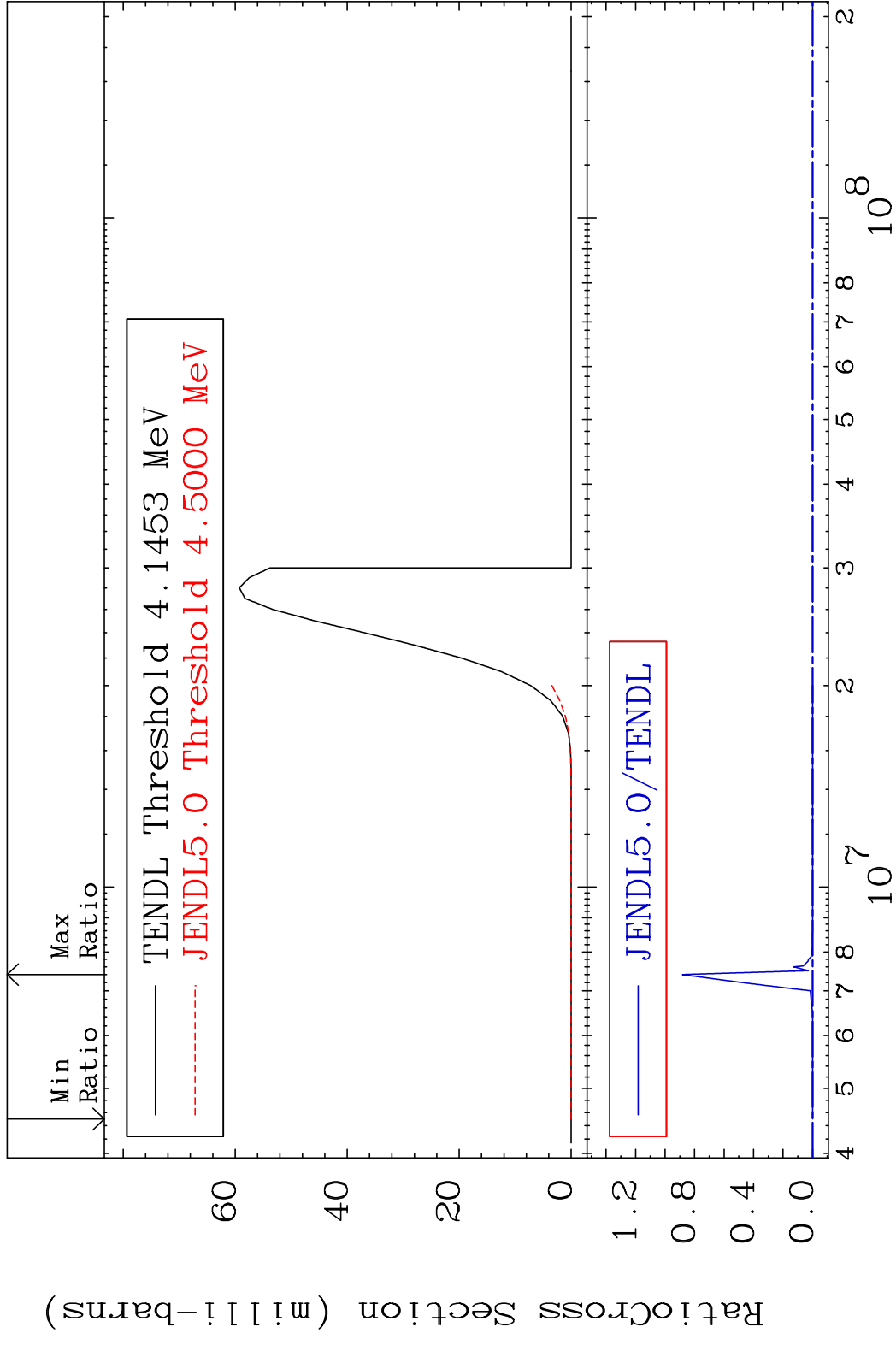


5

Incident Energy (eV)

48-Cd-114

MAT 4849 (n, n') α 48-Cd-114
 Cross Section -100.0 To 9999. %

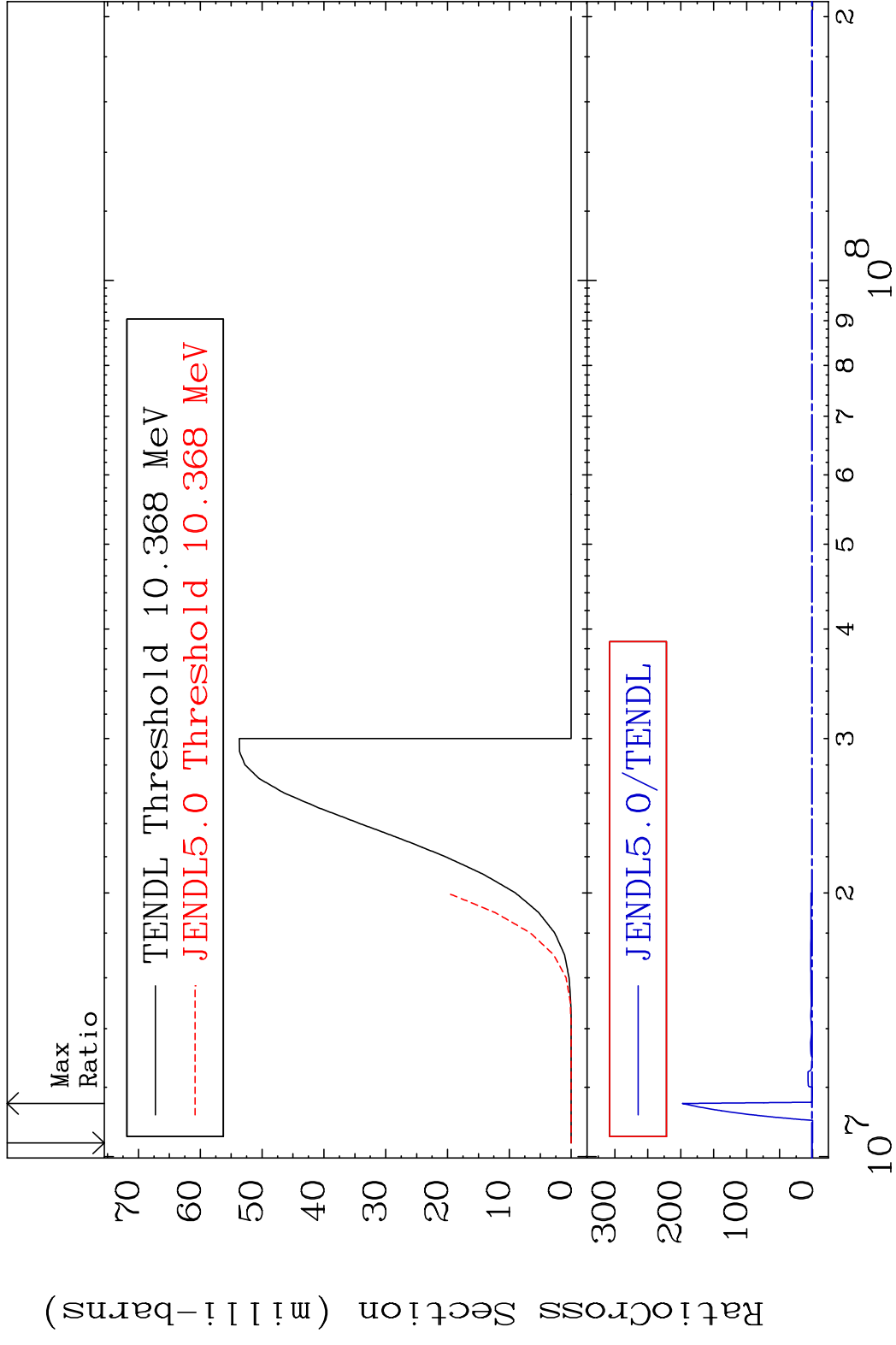


MAT 4849

(n, n') p

48-Cd-114

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

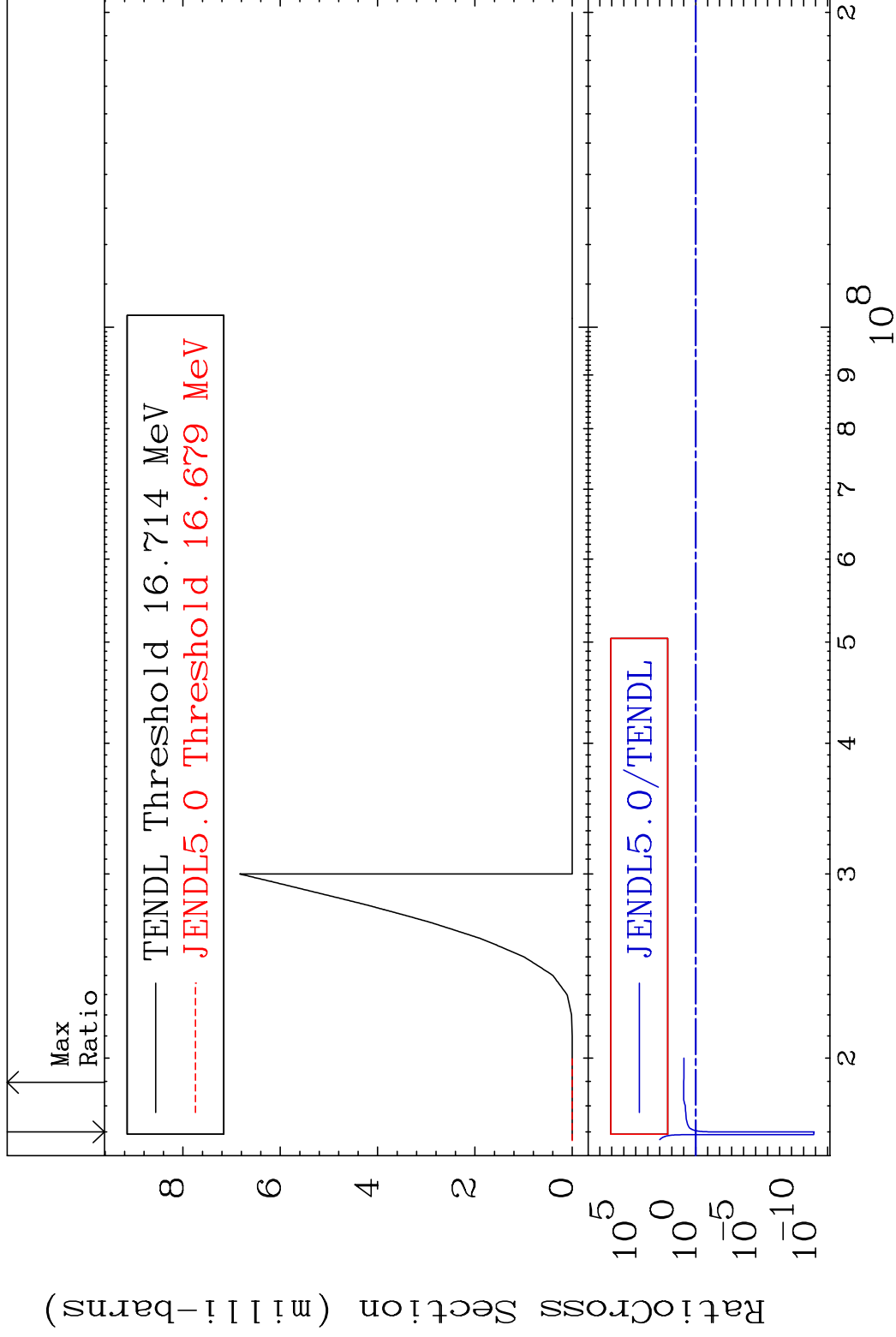
48-Cd-114

MAT 4849

(n, n') d

48-Cd-114

Cross Section -100.0 To 913.5 %

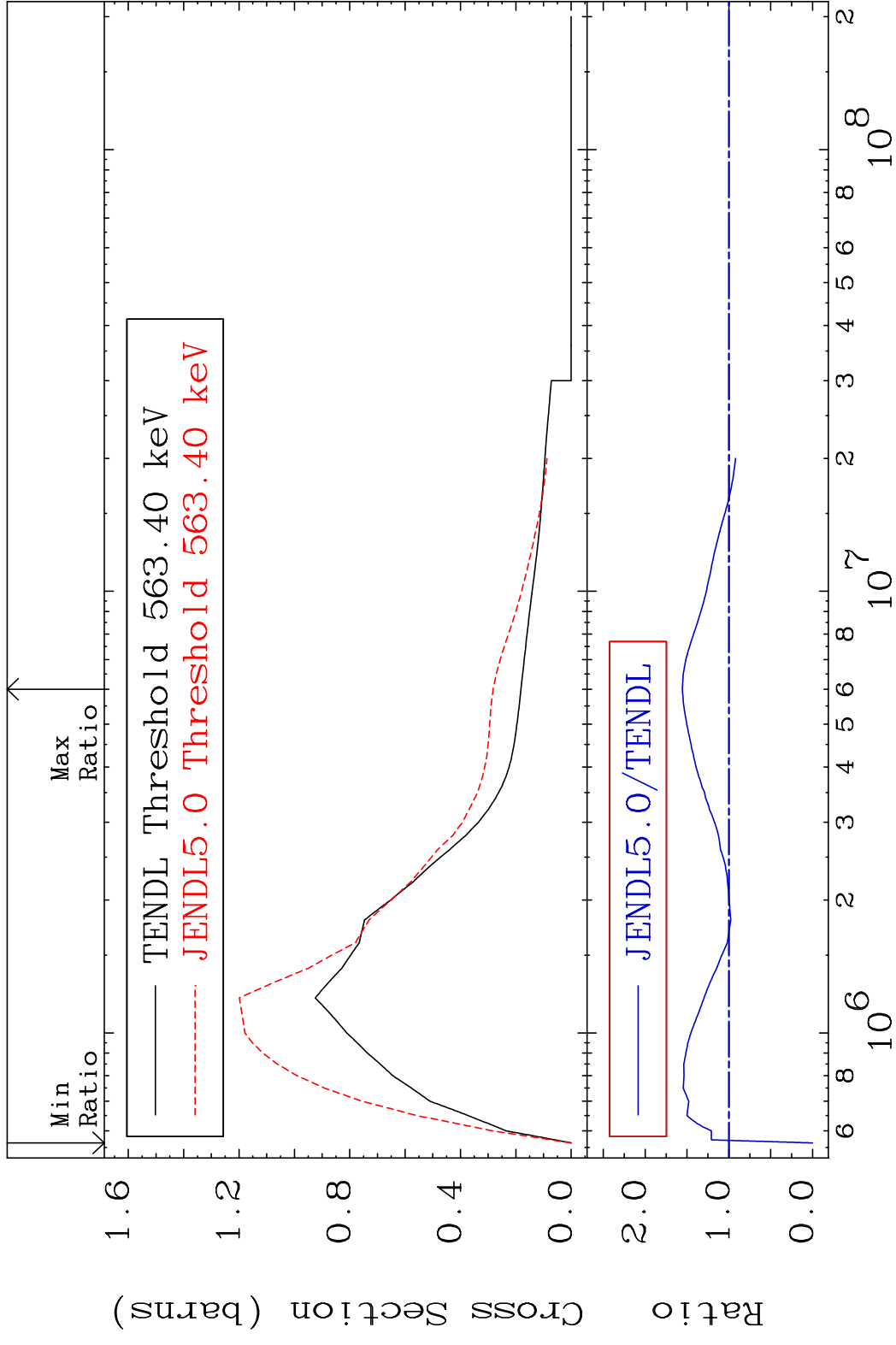


8

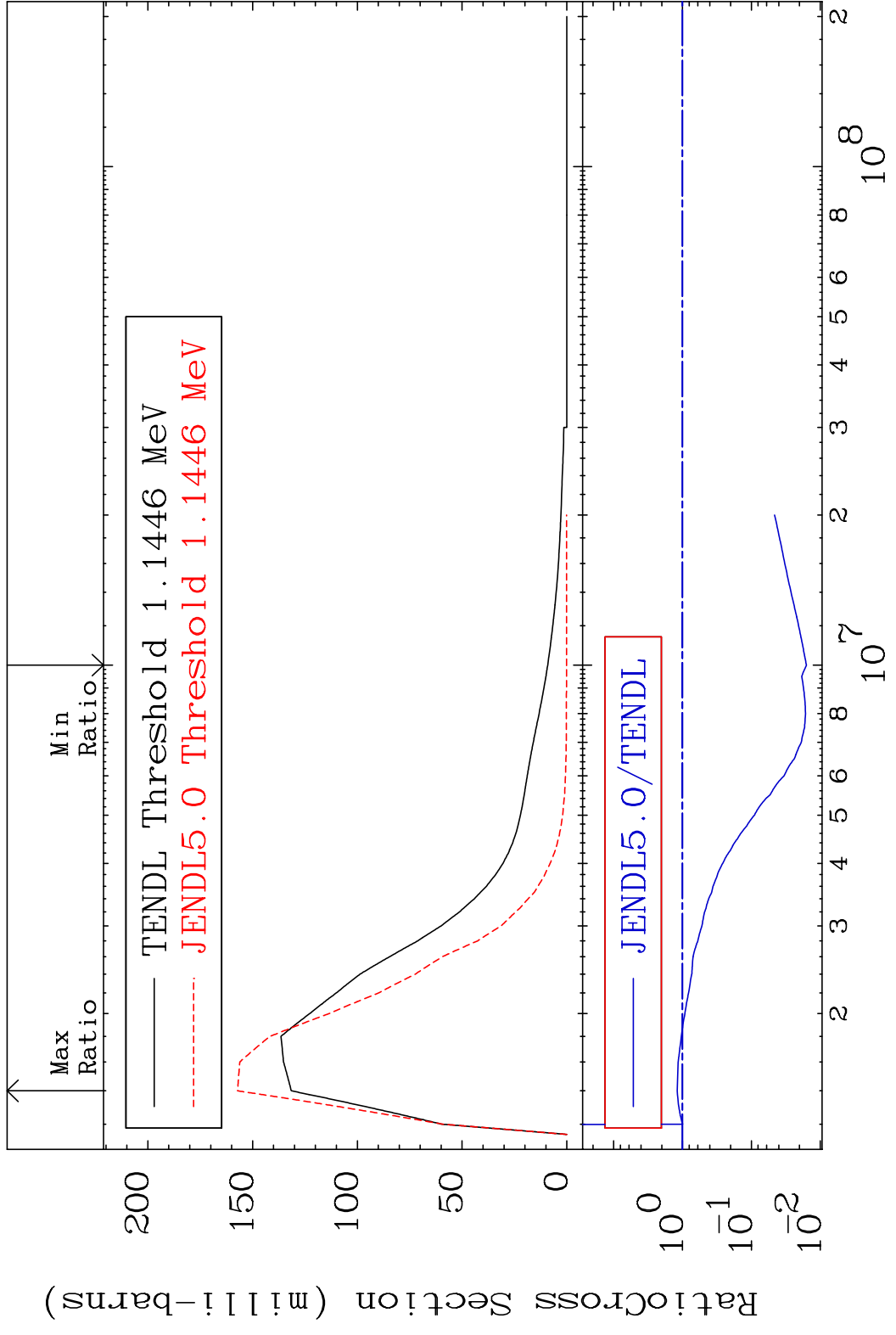
Incident Energy (eV)

48-Cd-114

MAT 4849 MT= 51 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 55.58 %

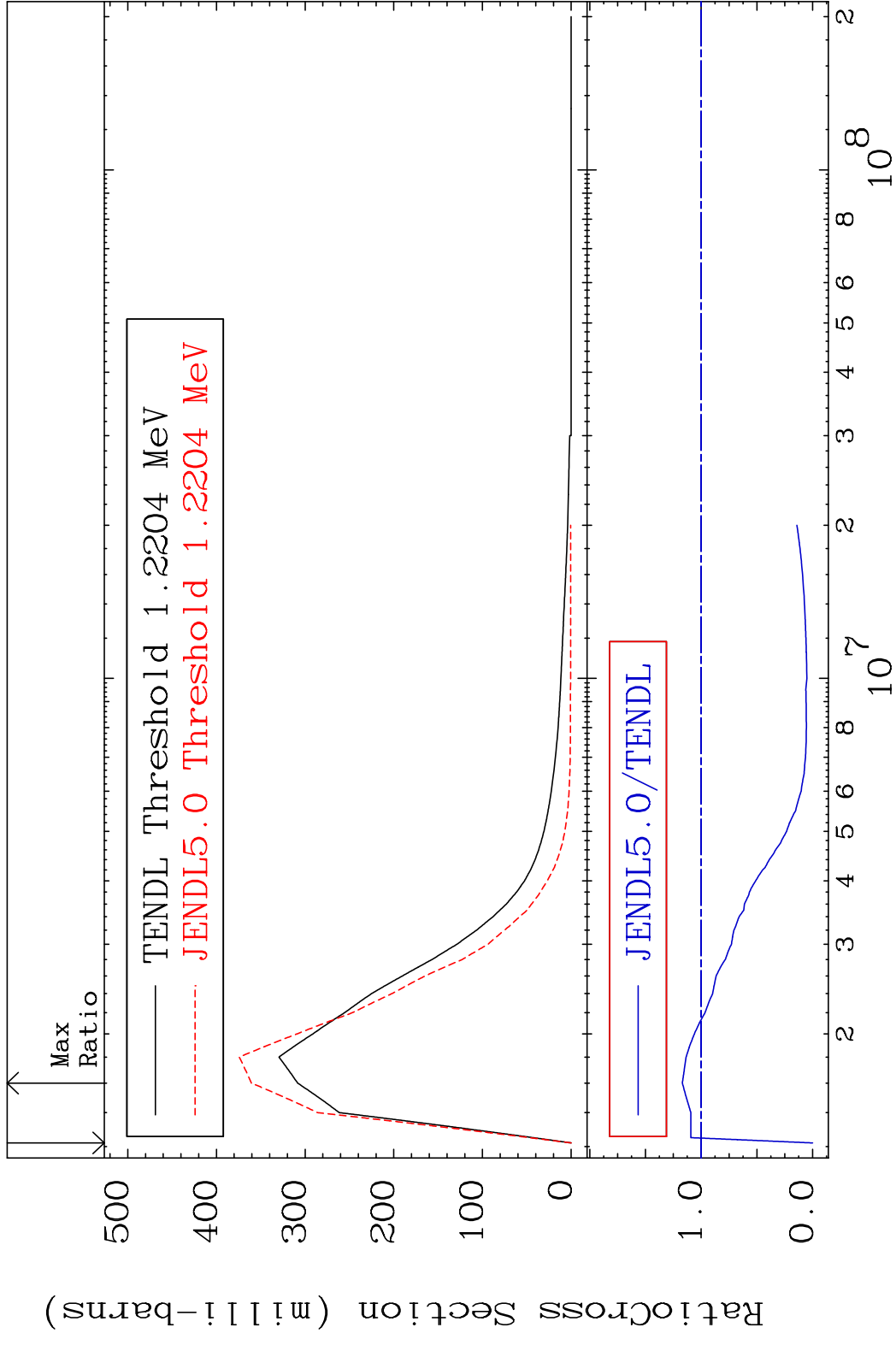


MAT 4849 MT= 52 (n, n') Level 48-Cd-114
 Cross Section -98.41 To 19.51 %

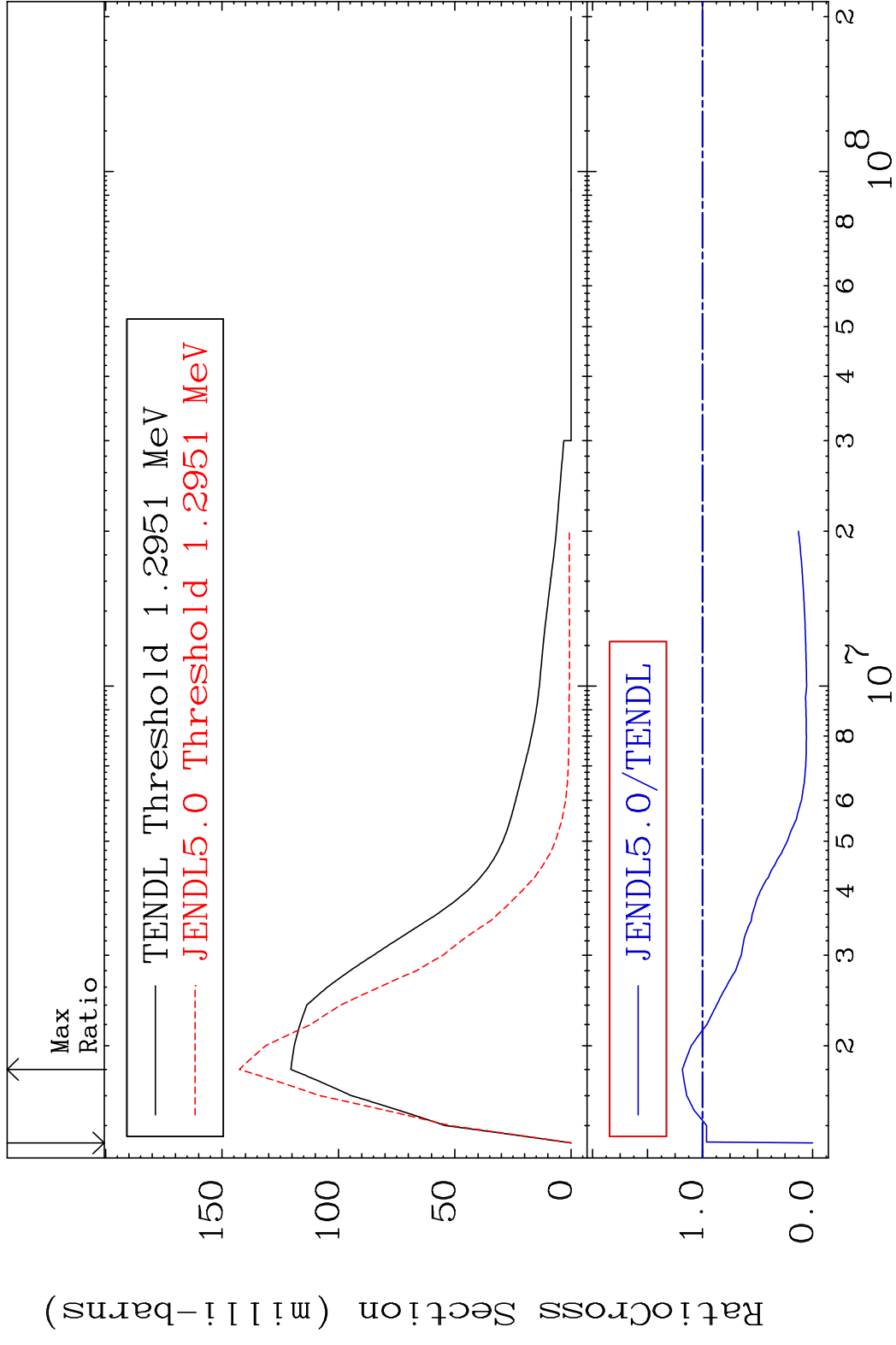


10 Incident Energy (eV) 48-Cd-114

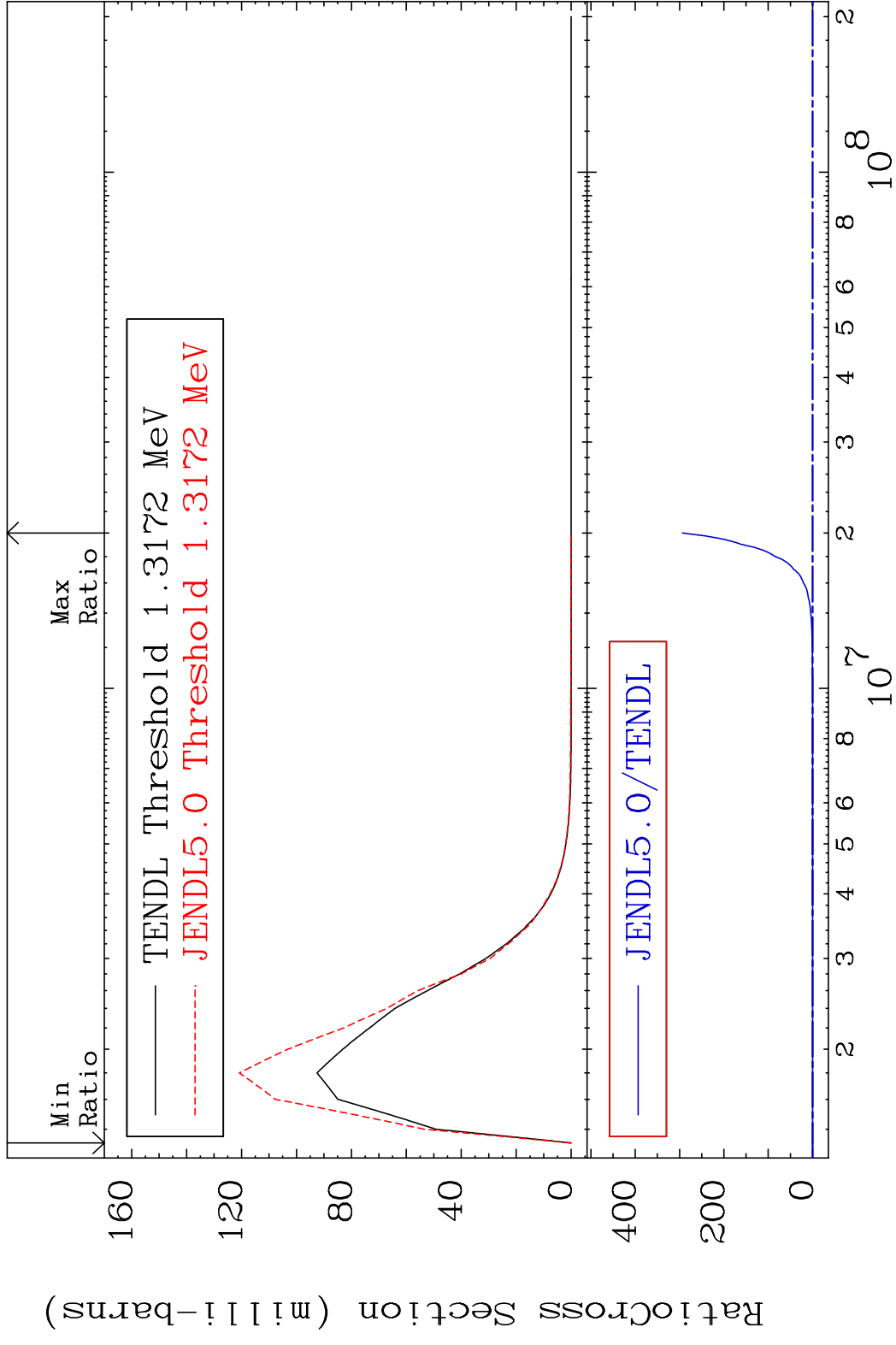
MAT 4849 MT= 53 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 16.91 %



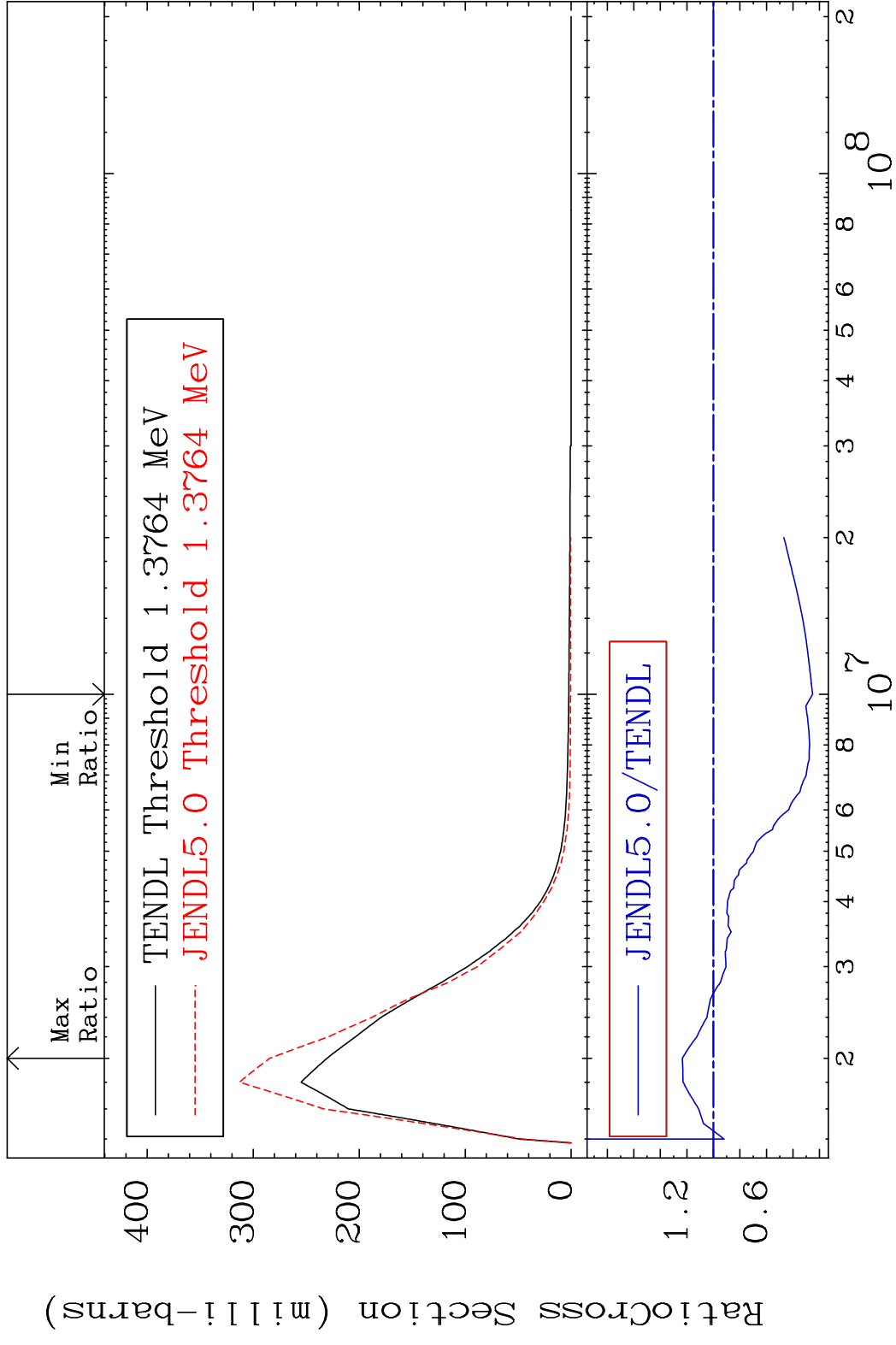
MAT 4849 MT= 54 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 18.37 %



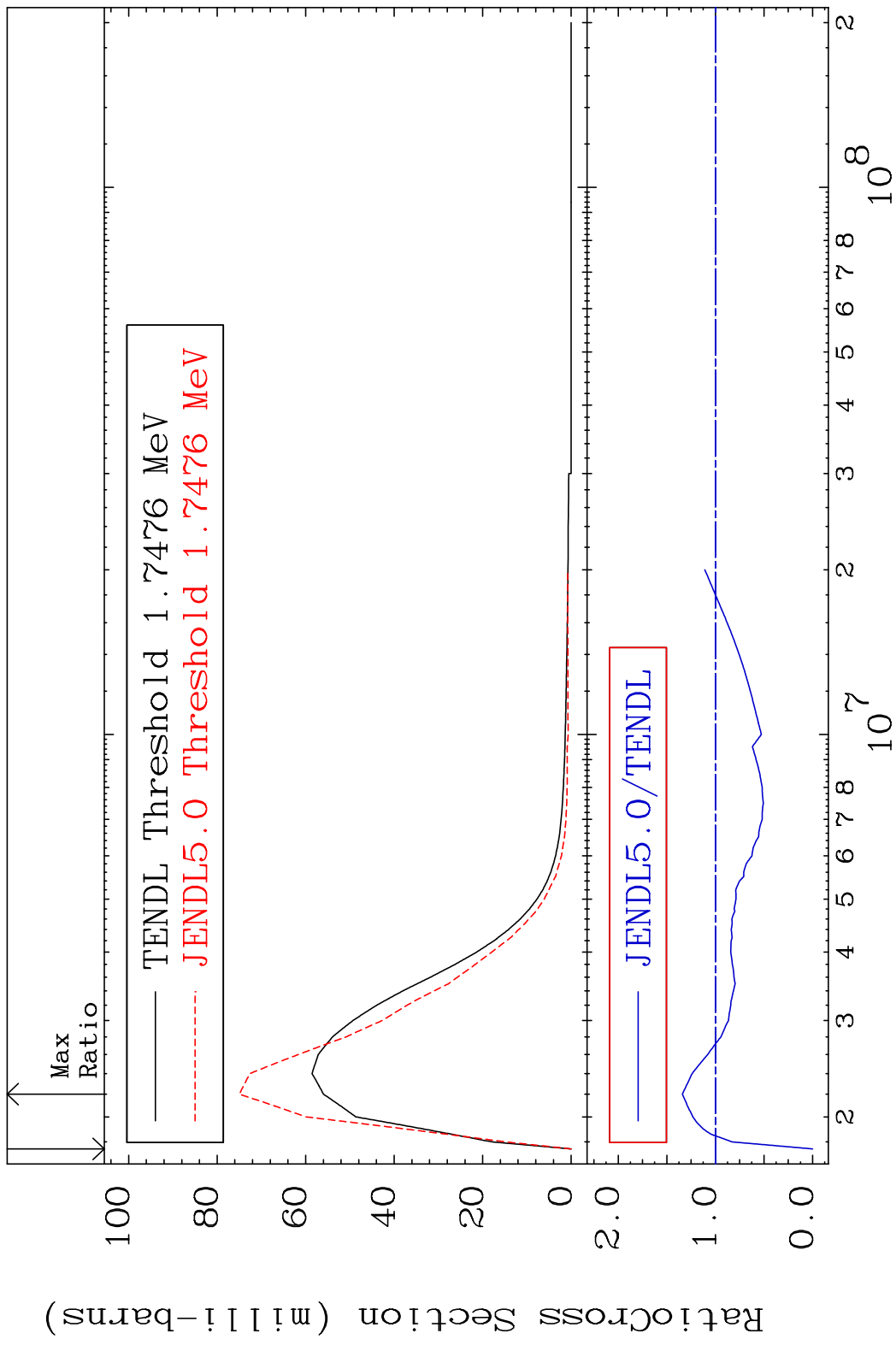
MAT 4849 MT= 55 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %



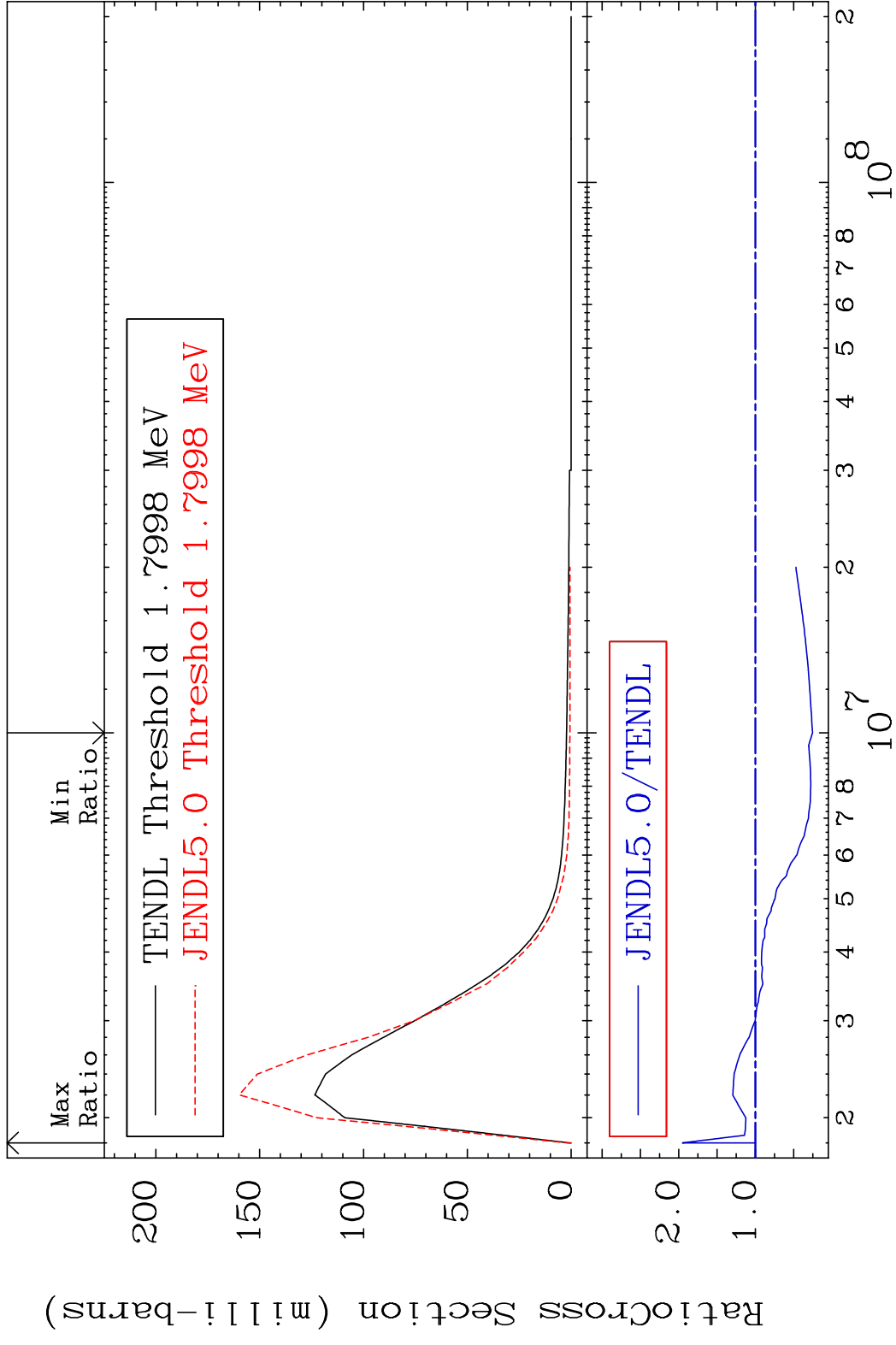
MAT 4849 MT= 56 (n, n') Level 48-Cd-114
 Cross Section -74.76 To 23.43 %



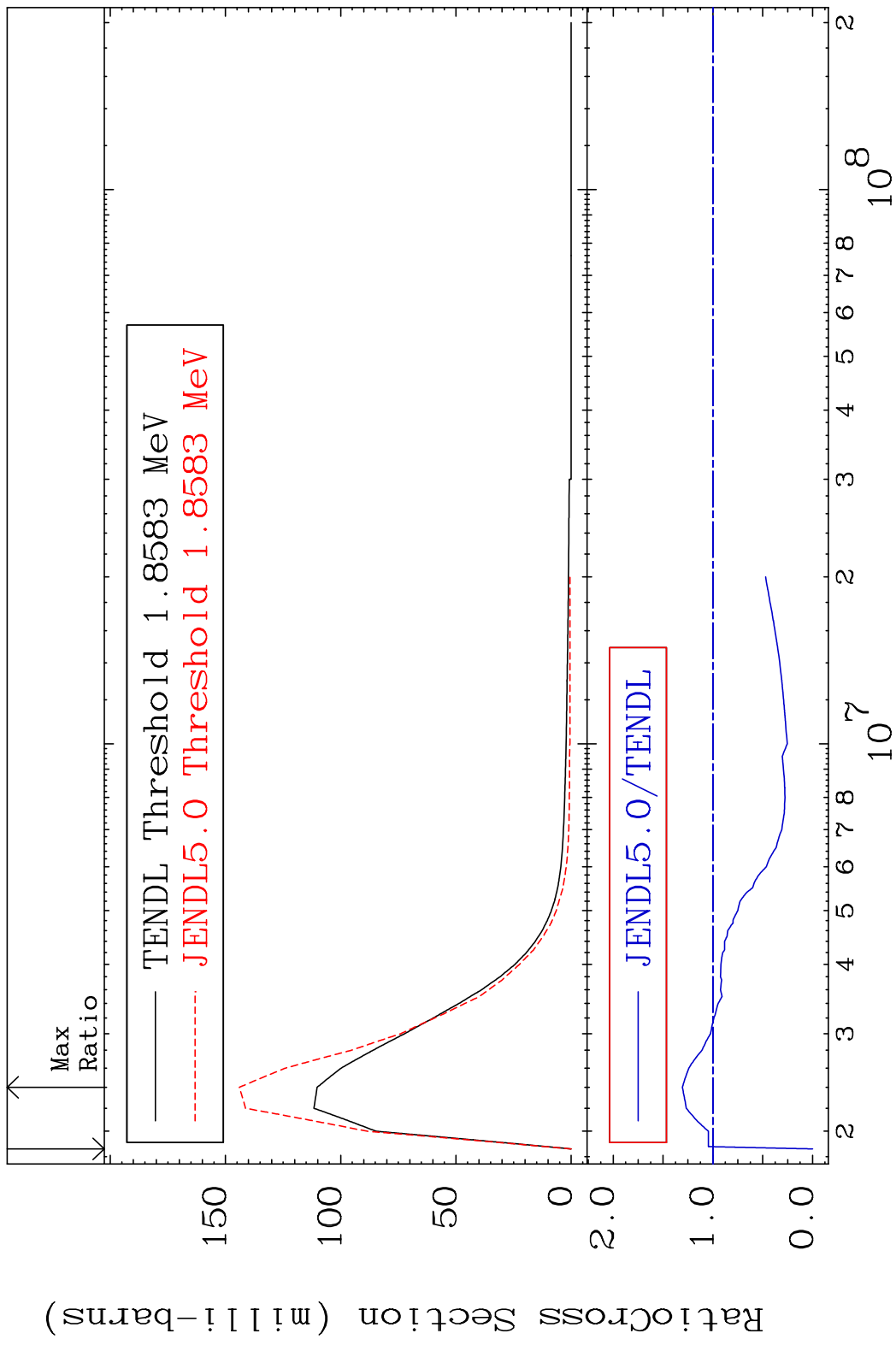
MAT 4849 MT= 57 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 34.00 %



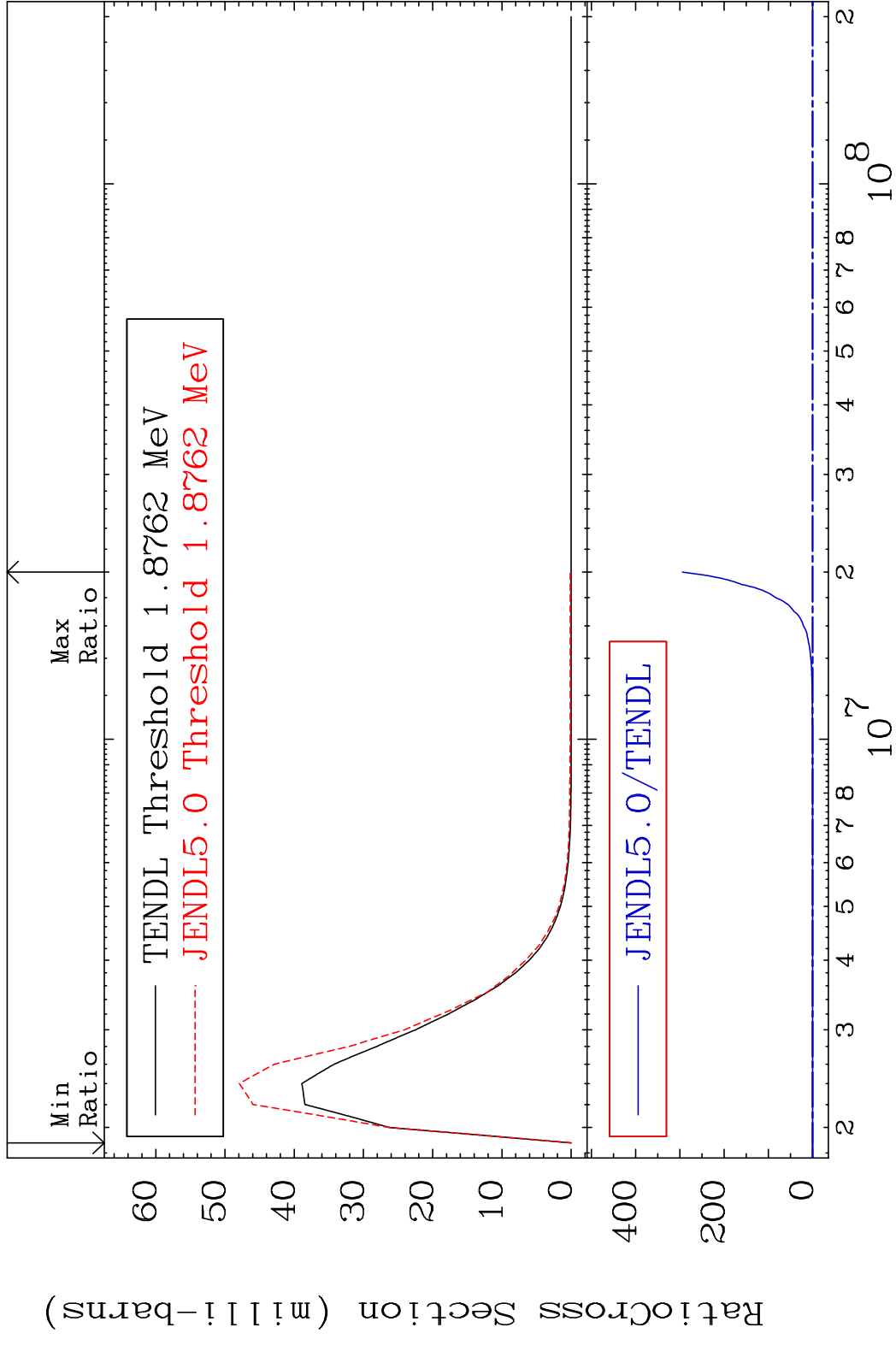
MAT 4849 MT= 58 (n,n') Level 48-Cd-114
 Cross Section -74.66 To 95.28 %



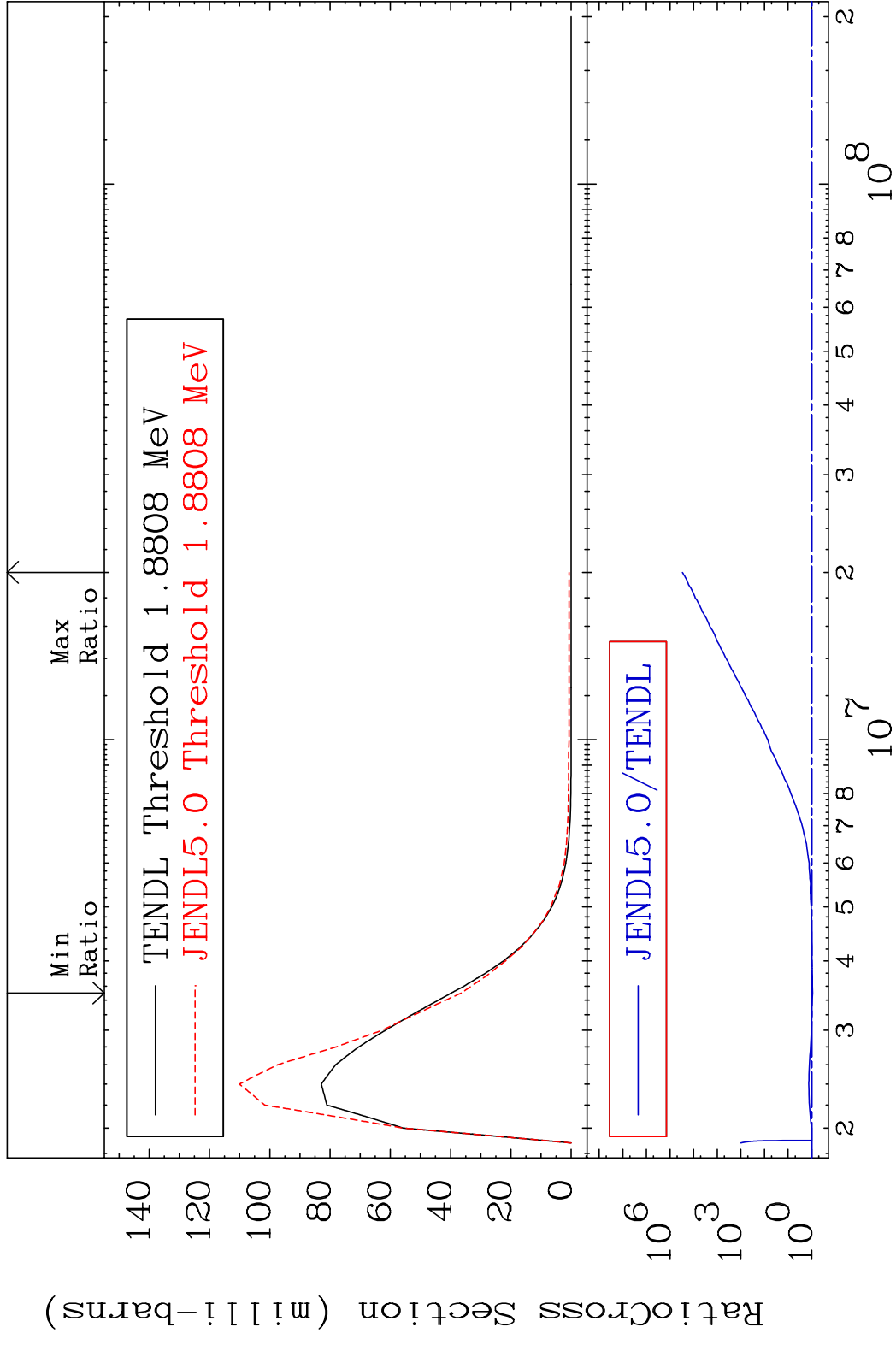
MAT 4849 MT= 59 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 30.63 %



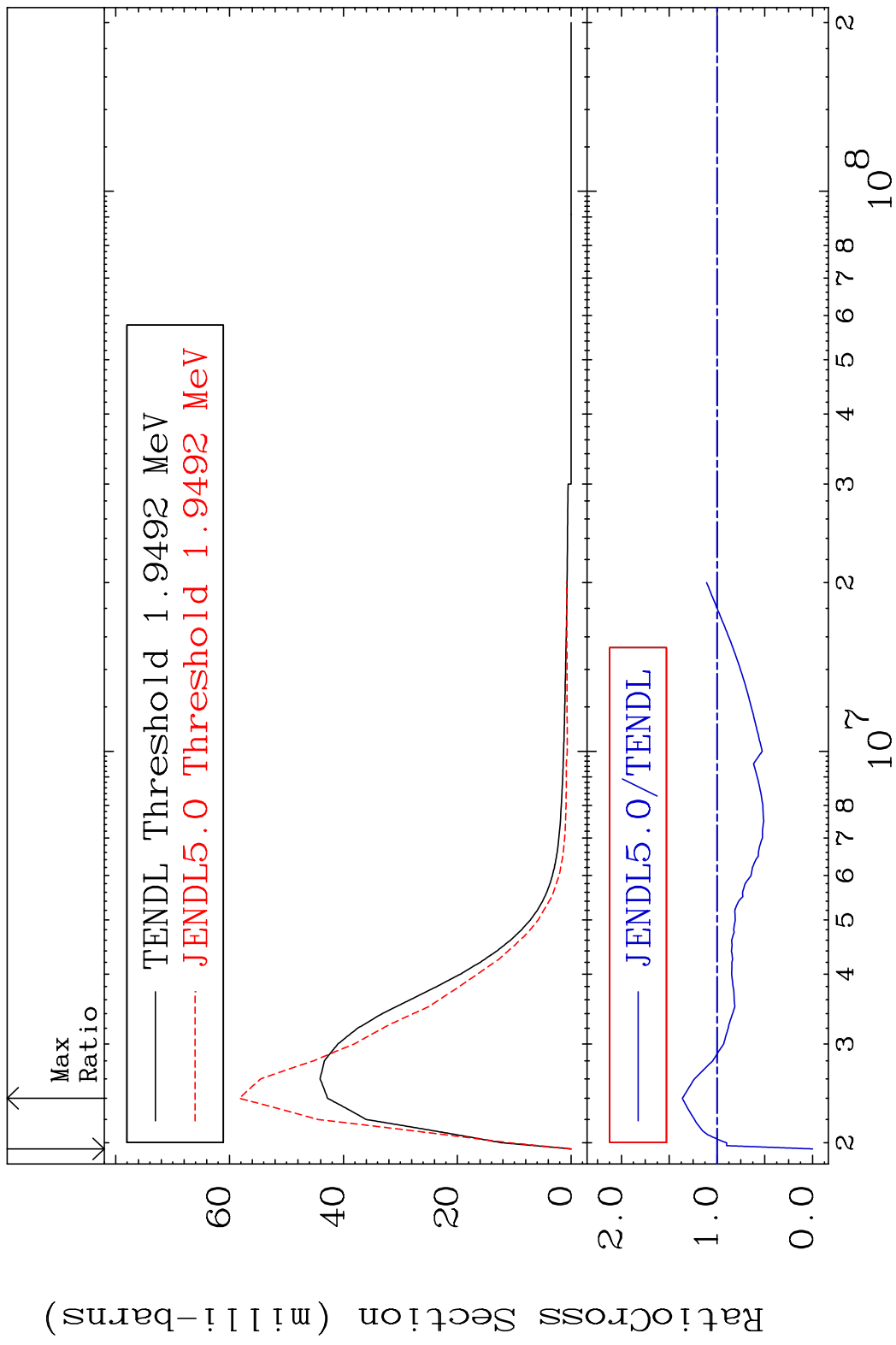
MAT 4849 MT= 60 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 61 (n, n') Level 48-Cd-114
 Cross Section -8.346 To 9999. %

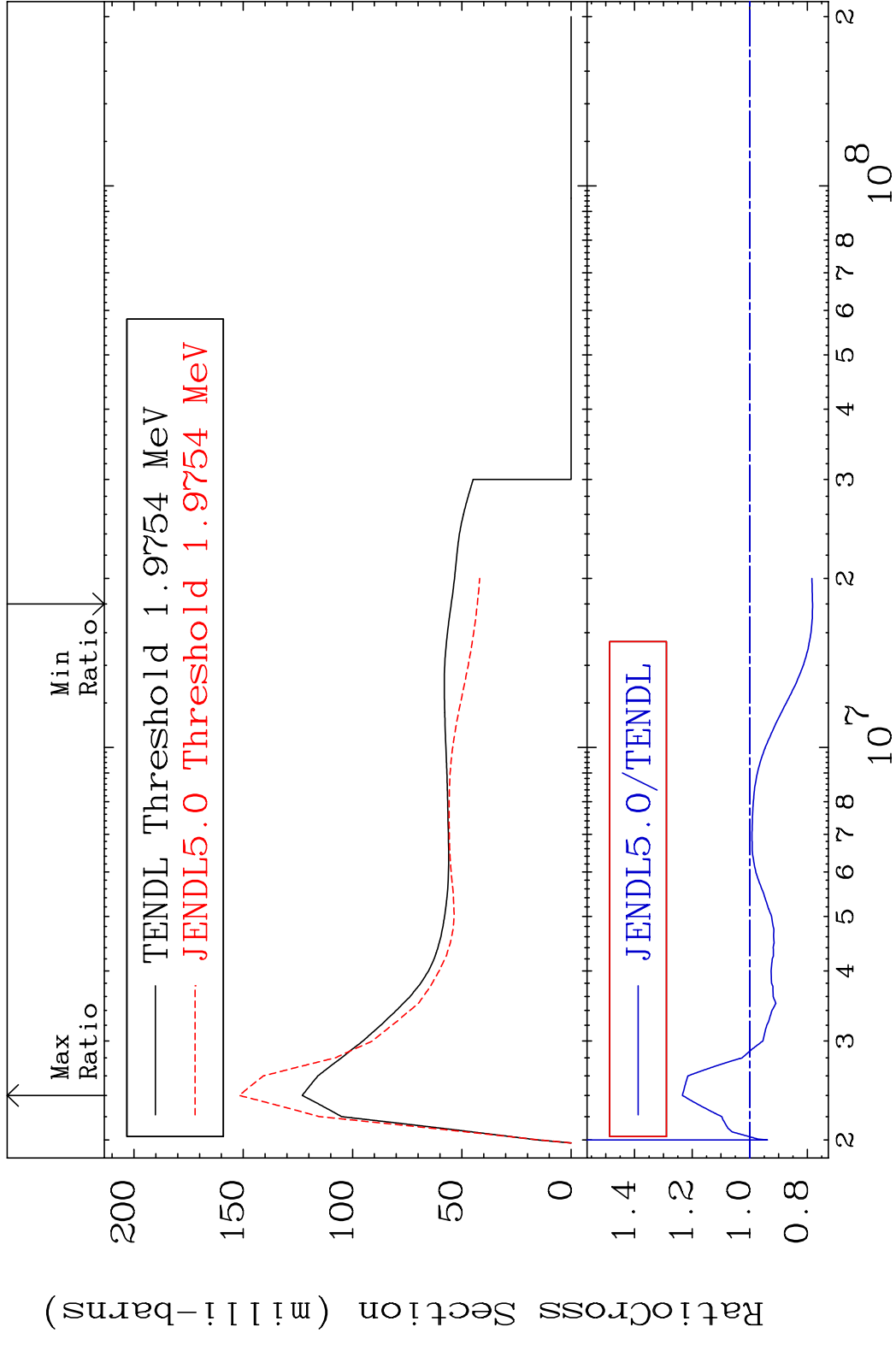


MAT 4849 MT= 62 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 36.25 %

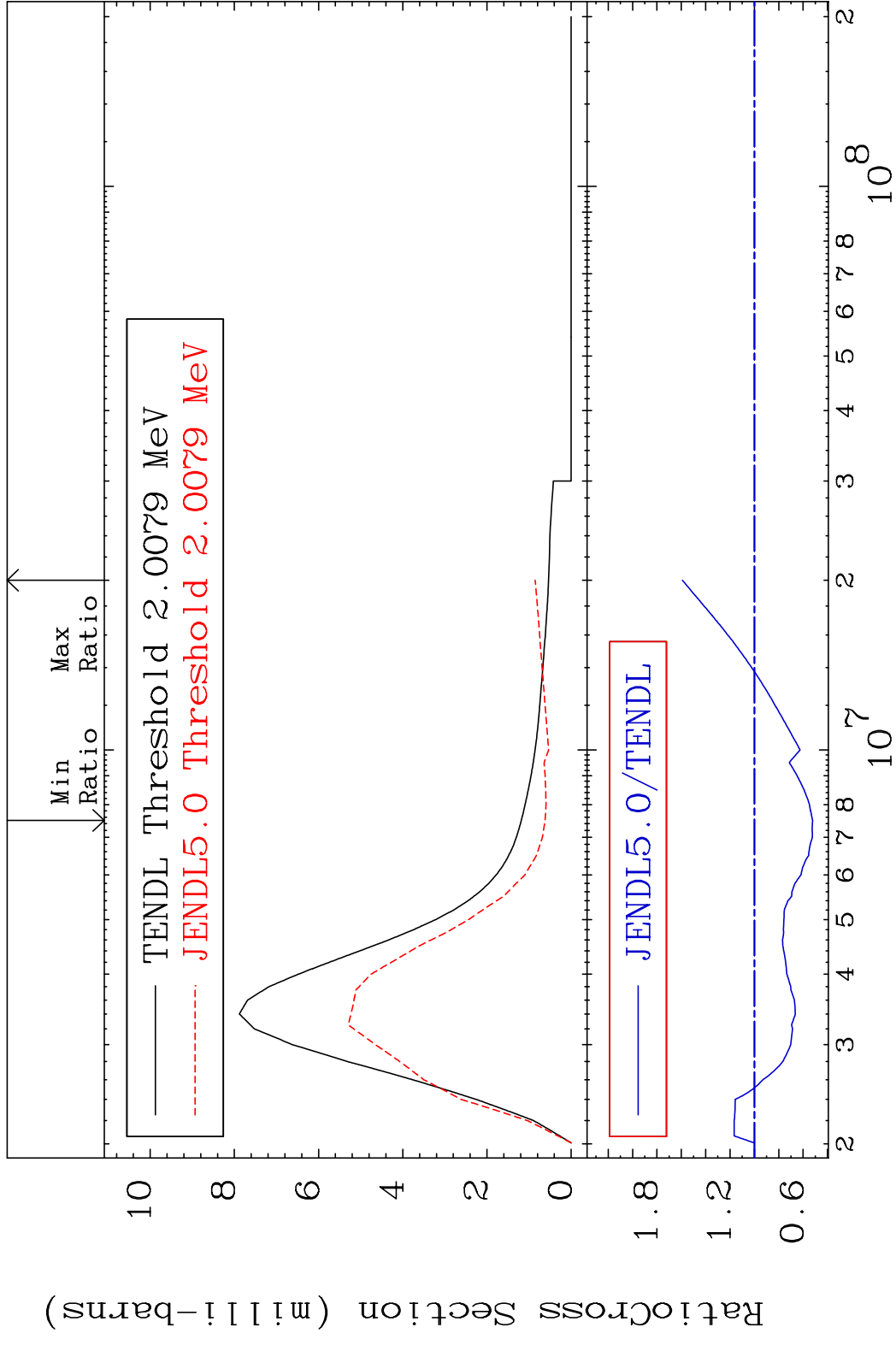


20 48-Cd-114

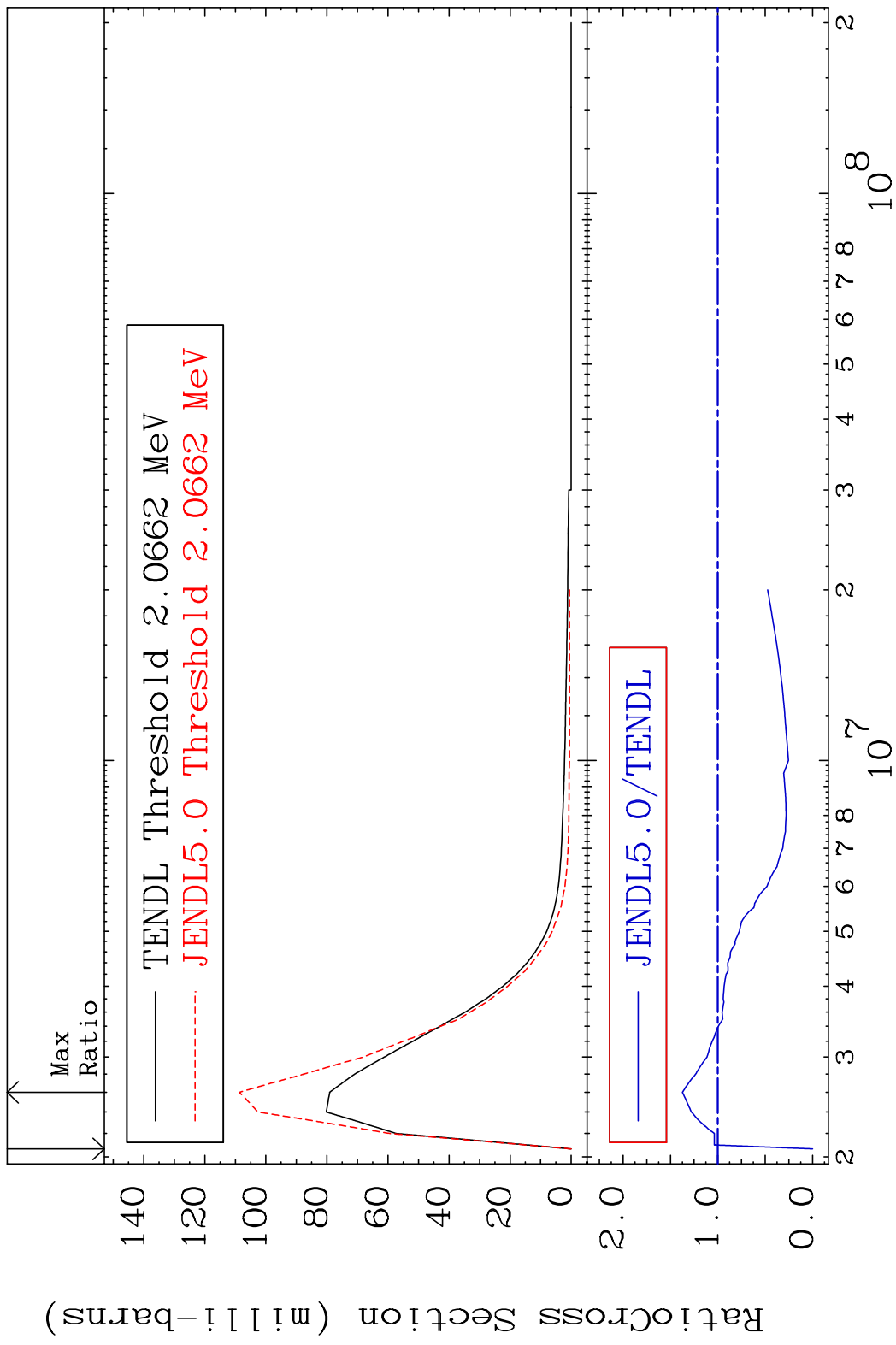
MAT 4849 MT= 63 (n, n') Level 48-Cd-114
 Cross Section -21.81 To 23.41 %



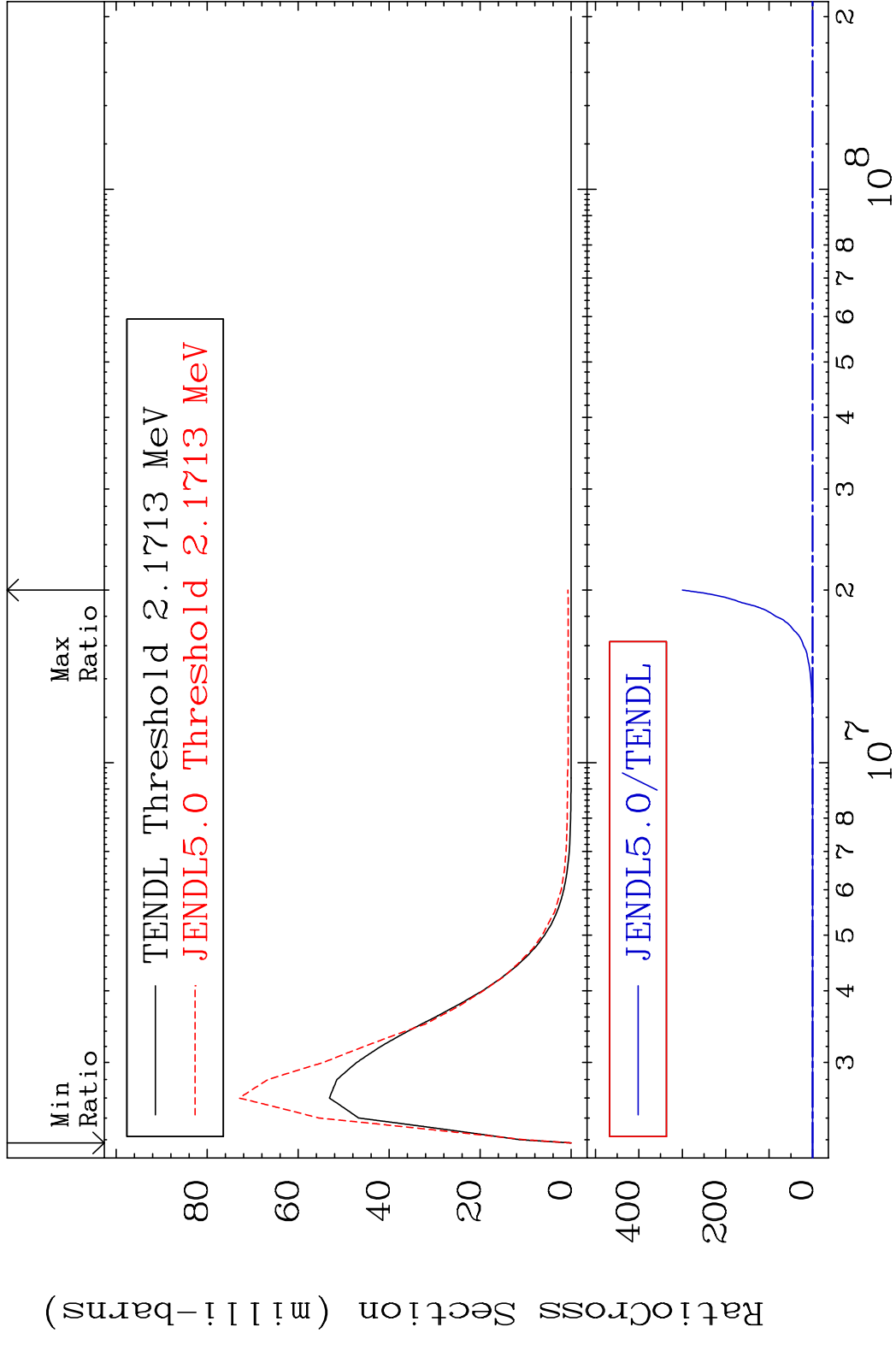
MAT 4849 MT= 64 (n, n') Level 48-Cd-114
 Cross Section -47.75 To 59.14 %



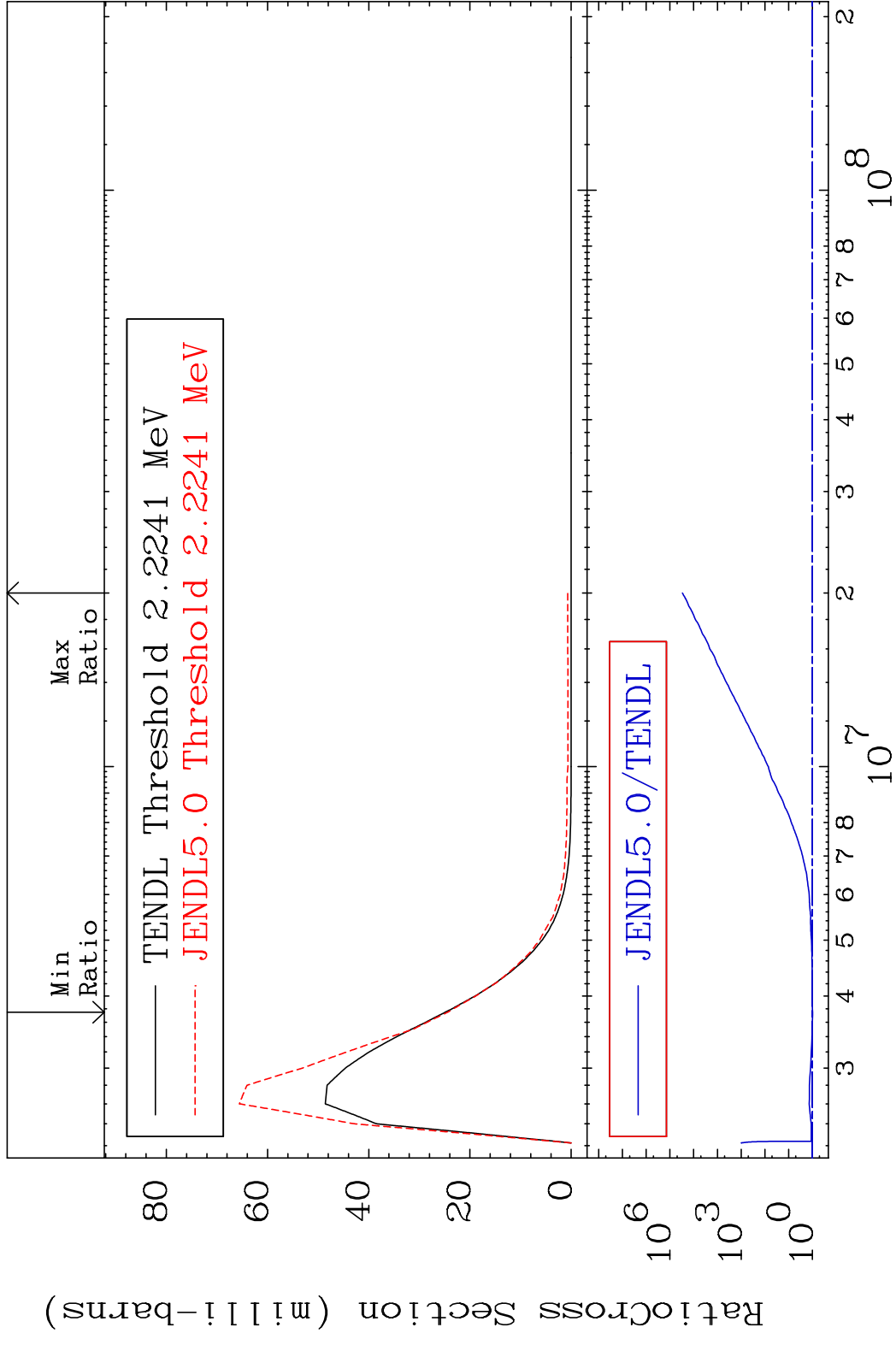
MAT 4849 MT= 65 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 37.43 %



MAT 4849 MT= 66 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 67 (n, n') Level 48-Cd-114
 Cross Section -1.946 To 9999. %

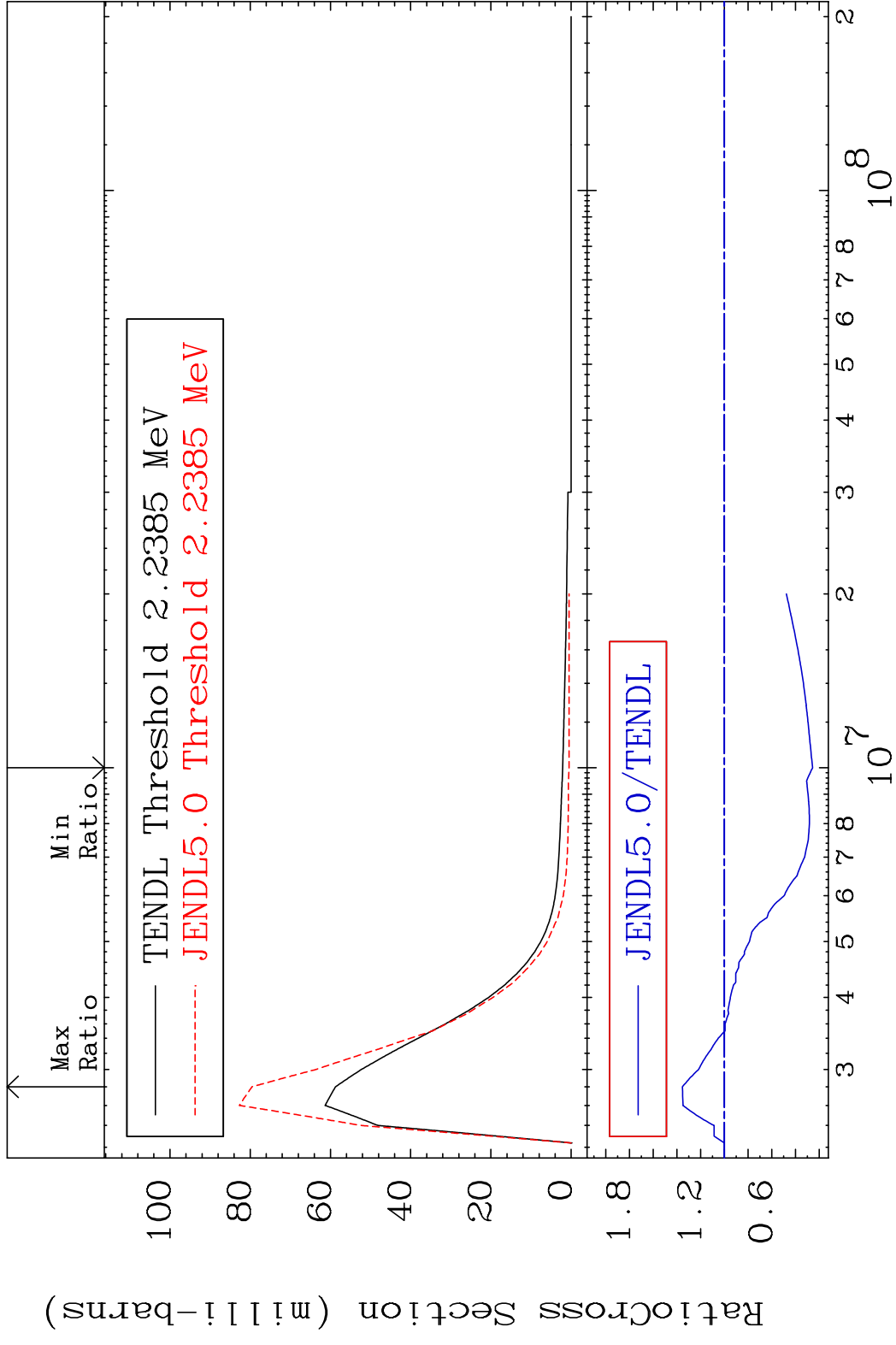


MAT 4849

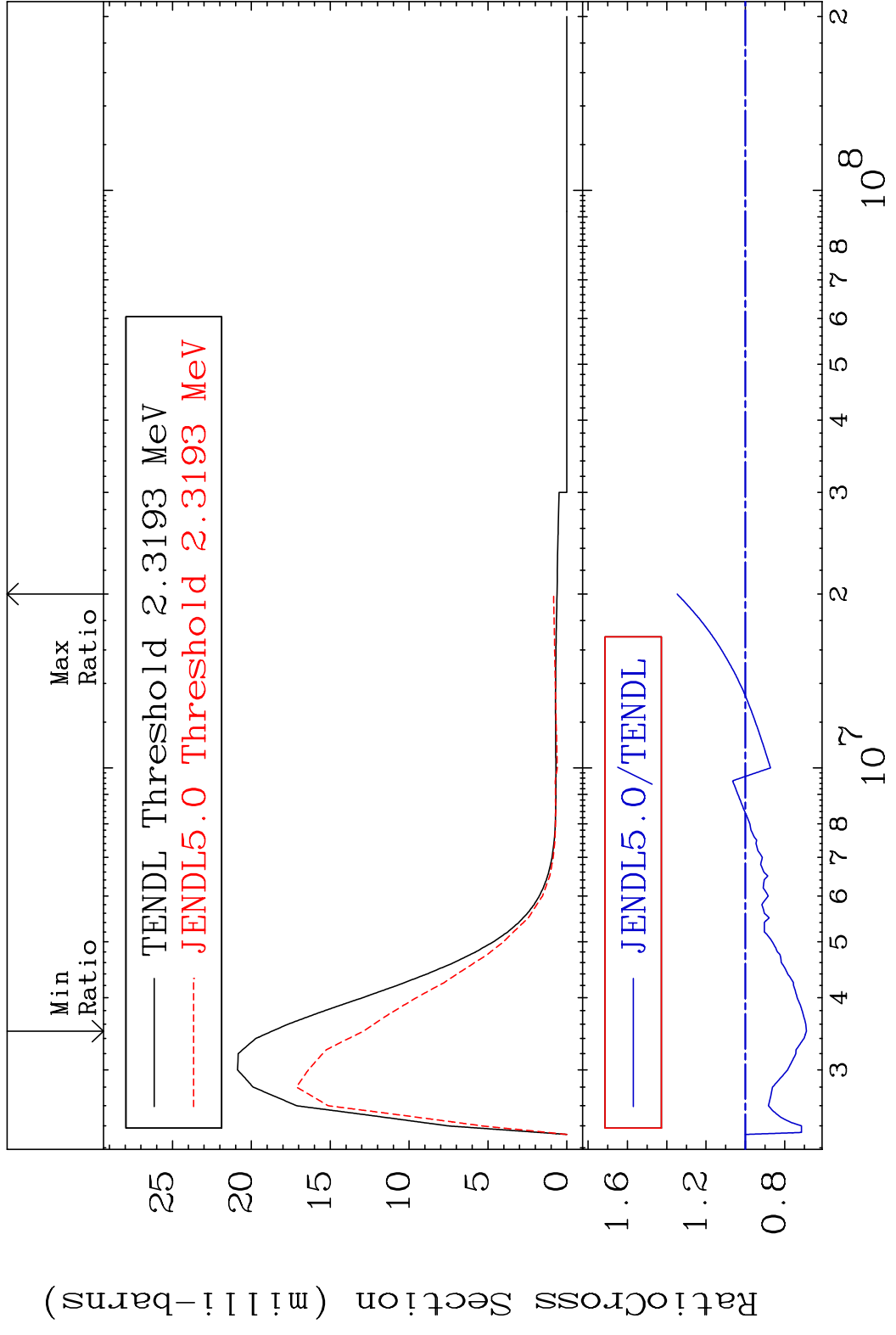
MT= 68 (n, n') Level

48-Cd-114

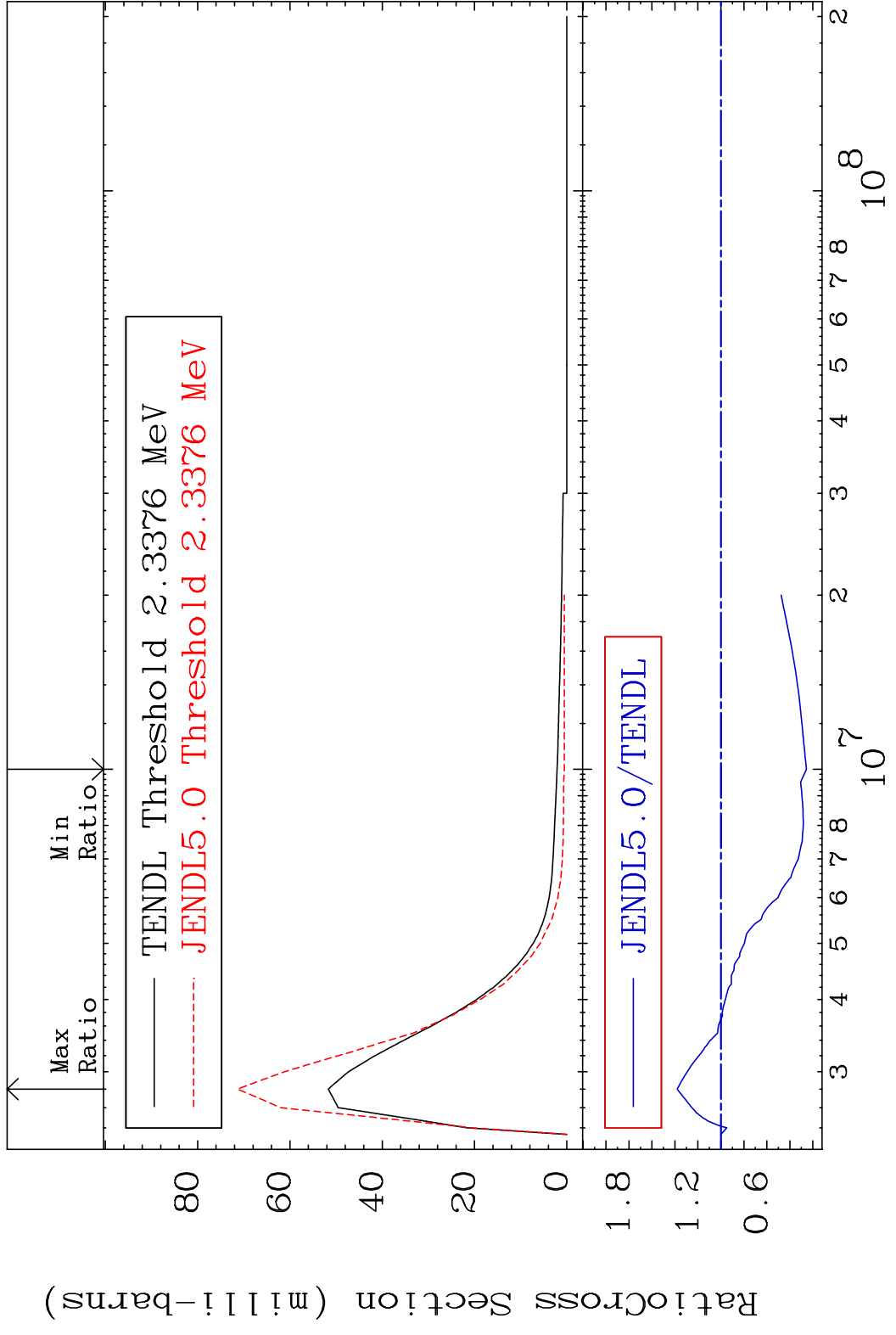
Cross Section -74.47 To 35.42 %



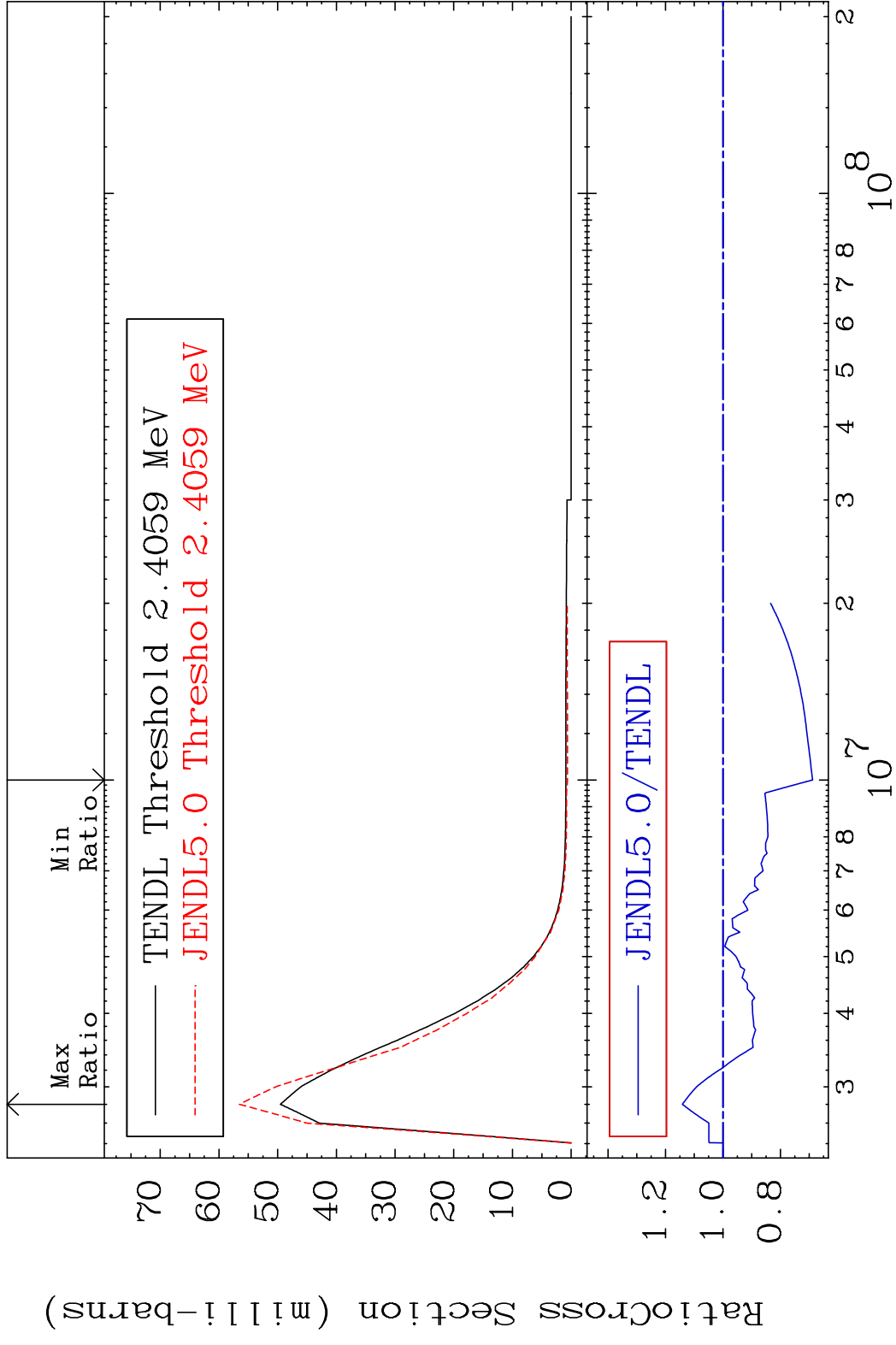
MAT 4849 MT= 69 (n, n') Level 48-Cd-114
 Cross Section -31.05 To 34.69 %



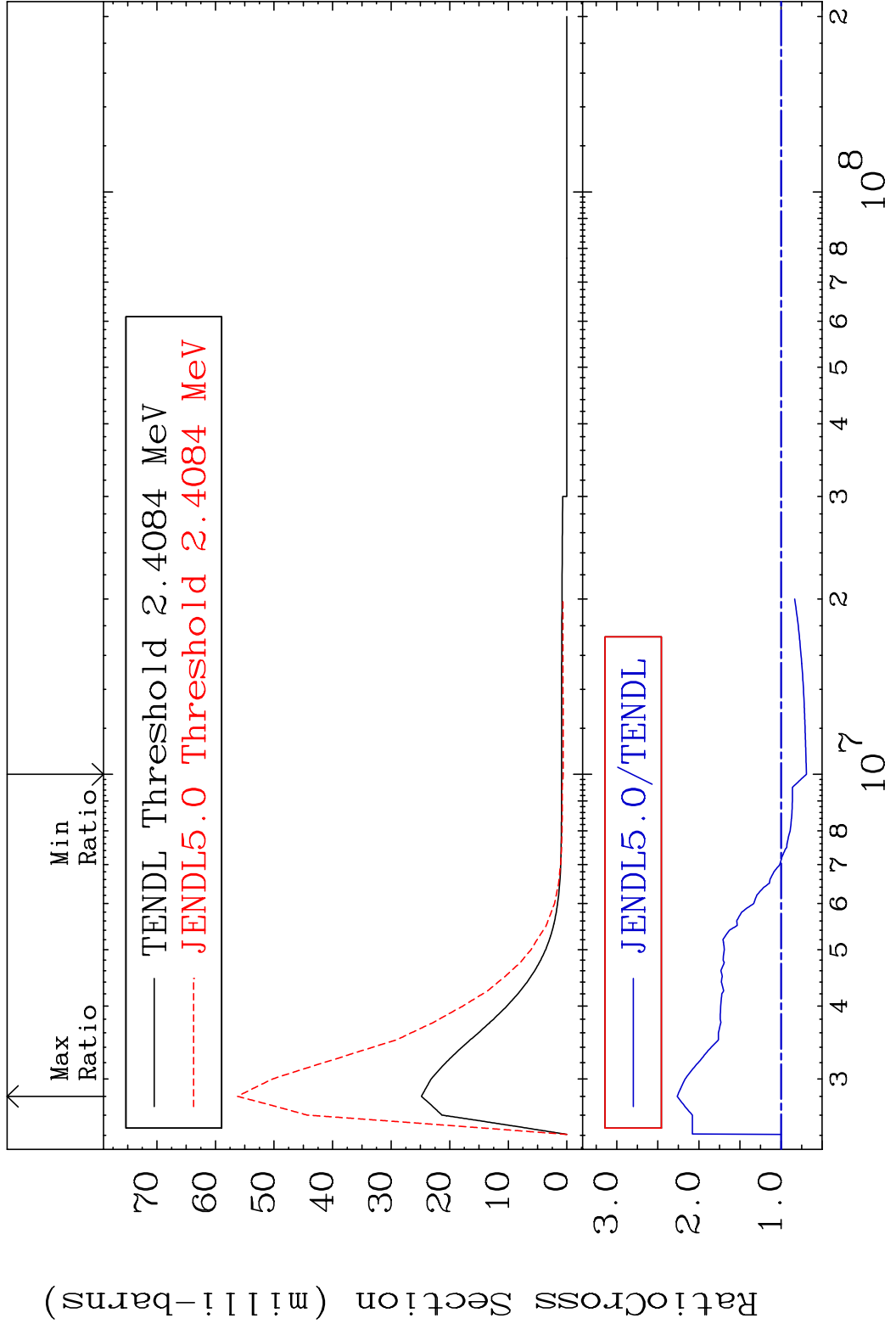
MAT 4849 MT= 70 (n,n') Level 48-Cd-114
 Cross Section -74.41 To 38.05 %



MAT 4849 MT= 71 (n,n') Level 48-Cd-114
 Cross Section -31.17 To 14.13 %

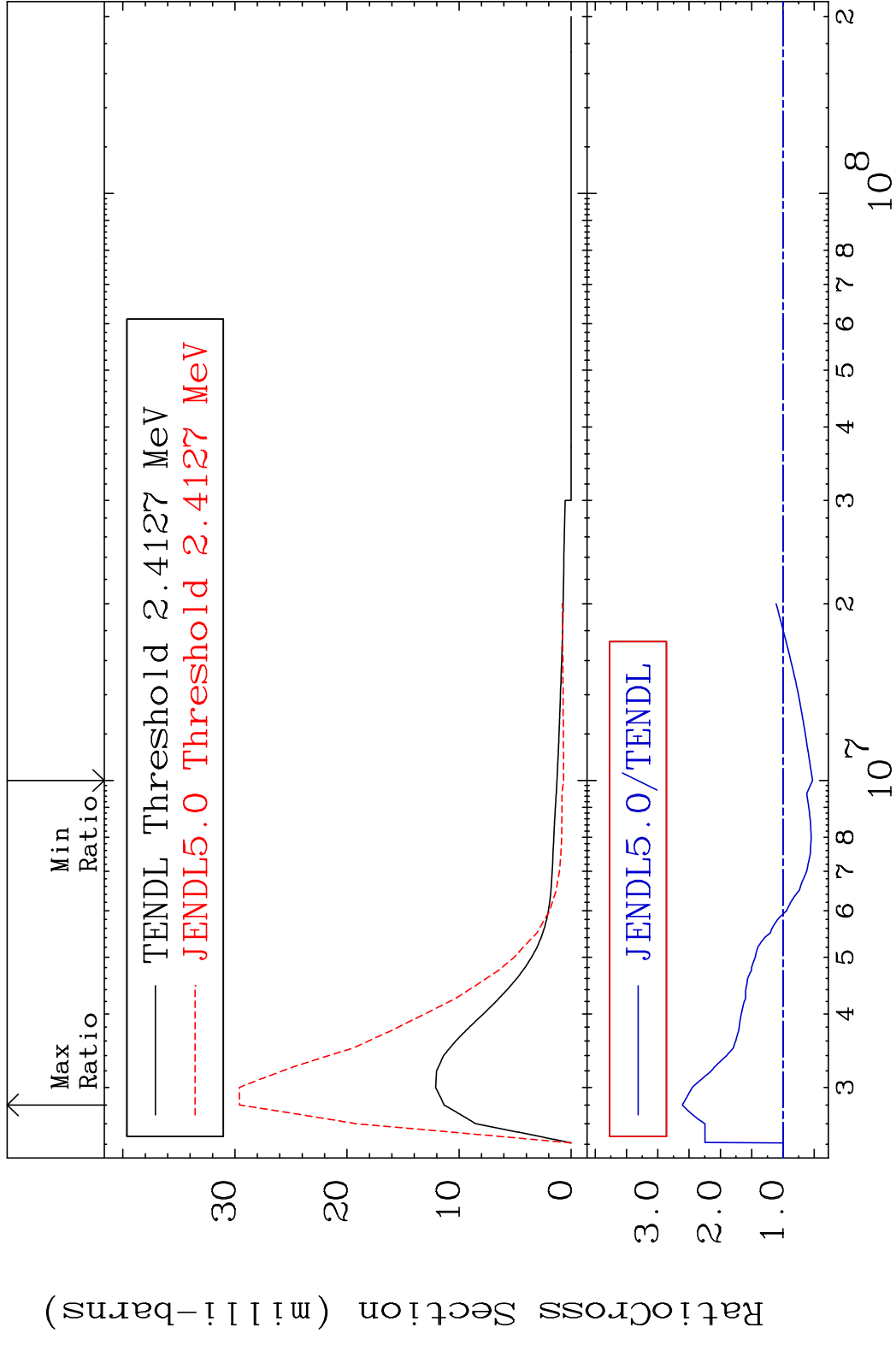


MAT 4849 MT= 72 (n,n') Level 48-Cd-114
 Cross Section -30.86 To 126.5 %

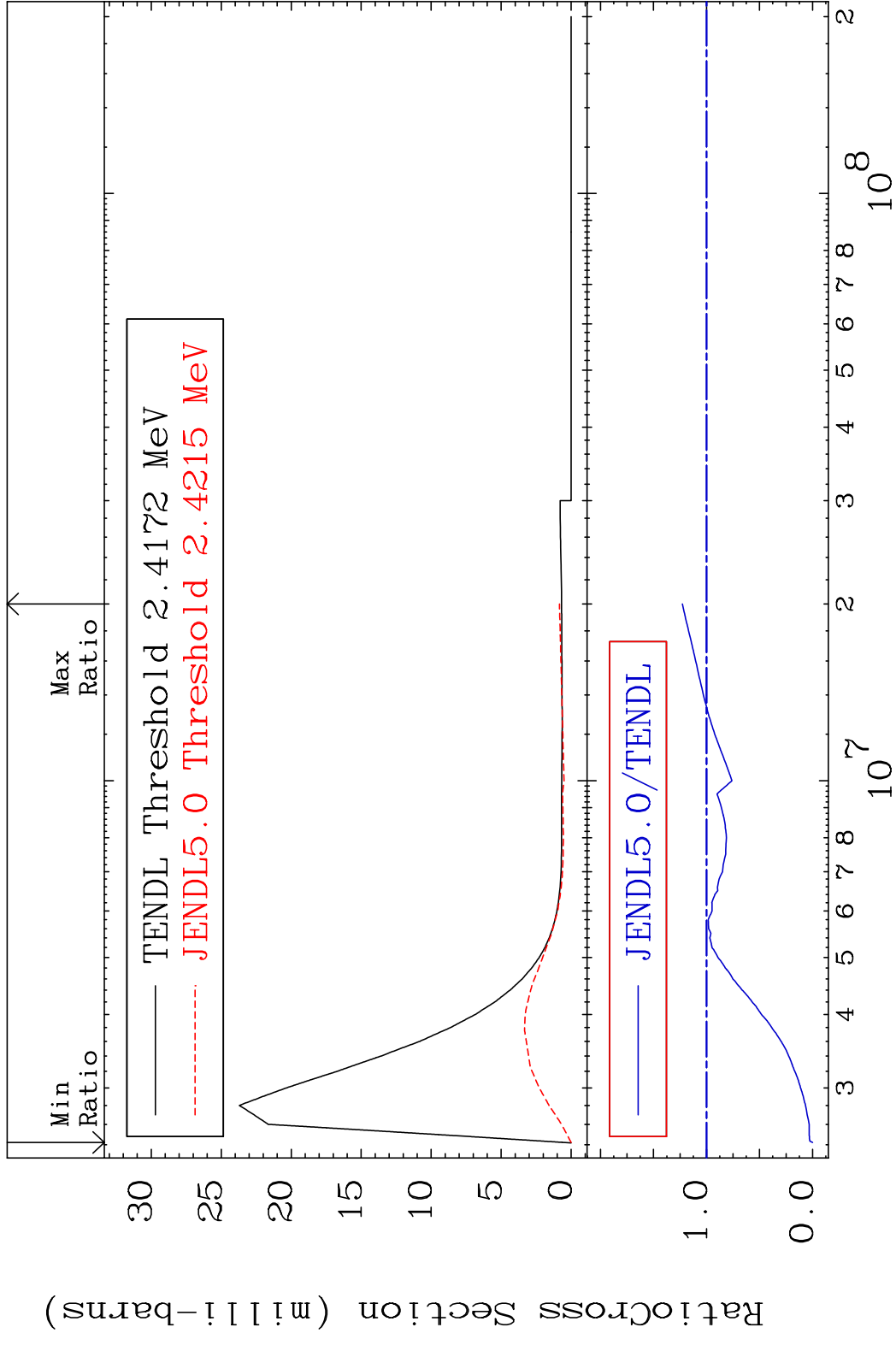


30 Incident Energy (eV) 48-Cd-114

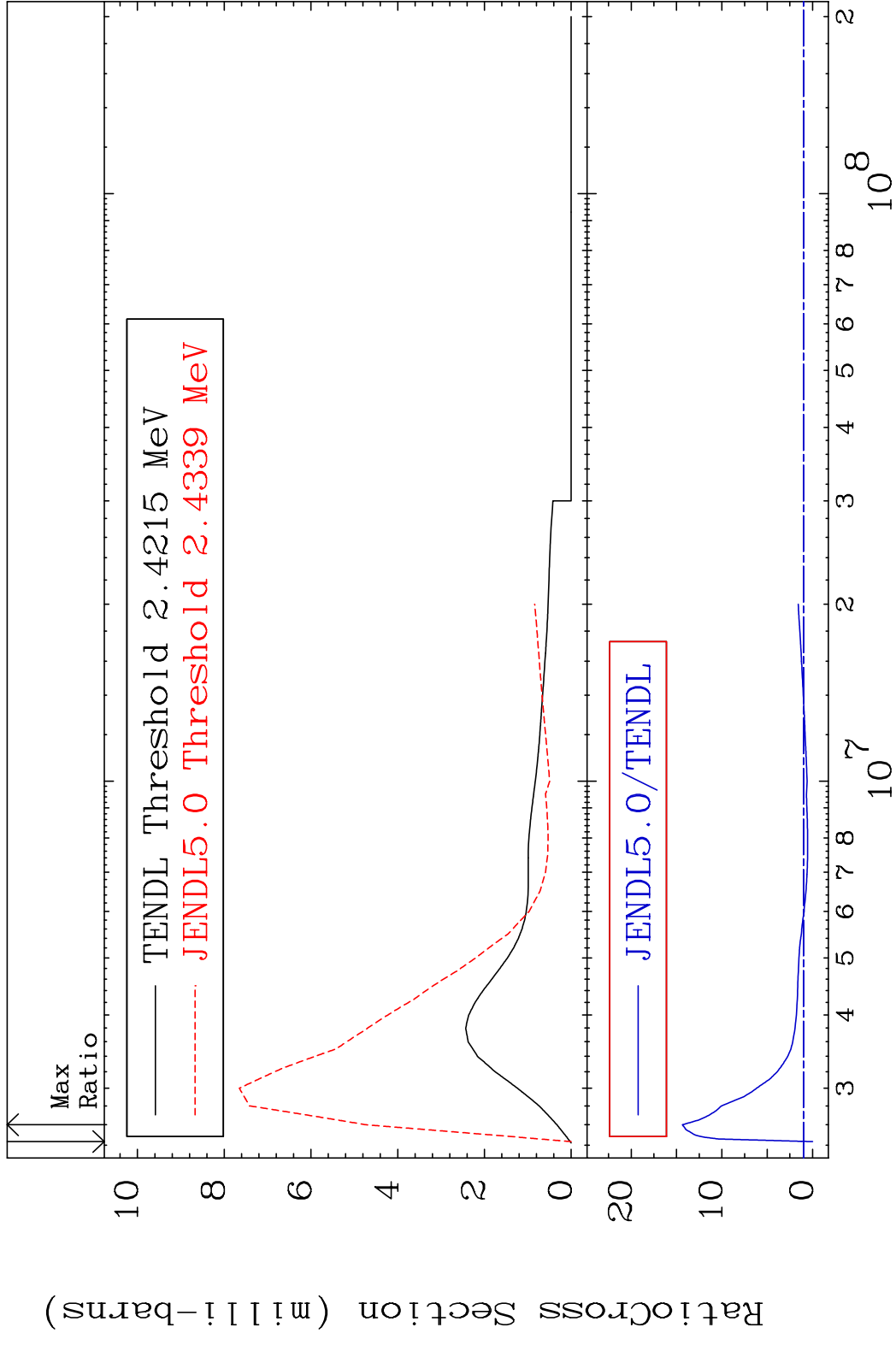
MAT 4849 MT= 73 (n,n') Level 48-Cd-114
 Cross Section -47.24 To 160.8 %



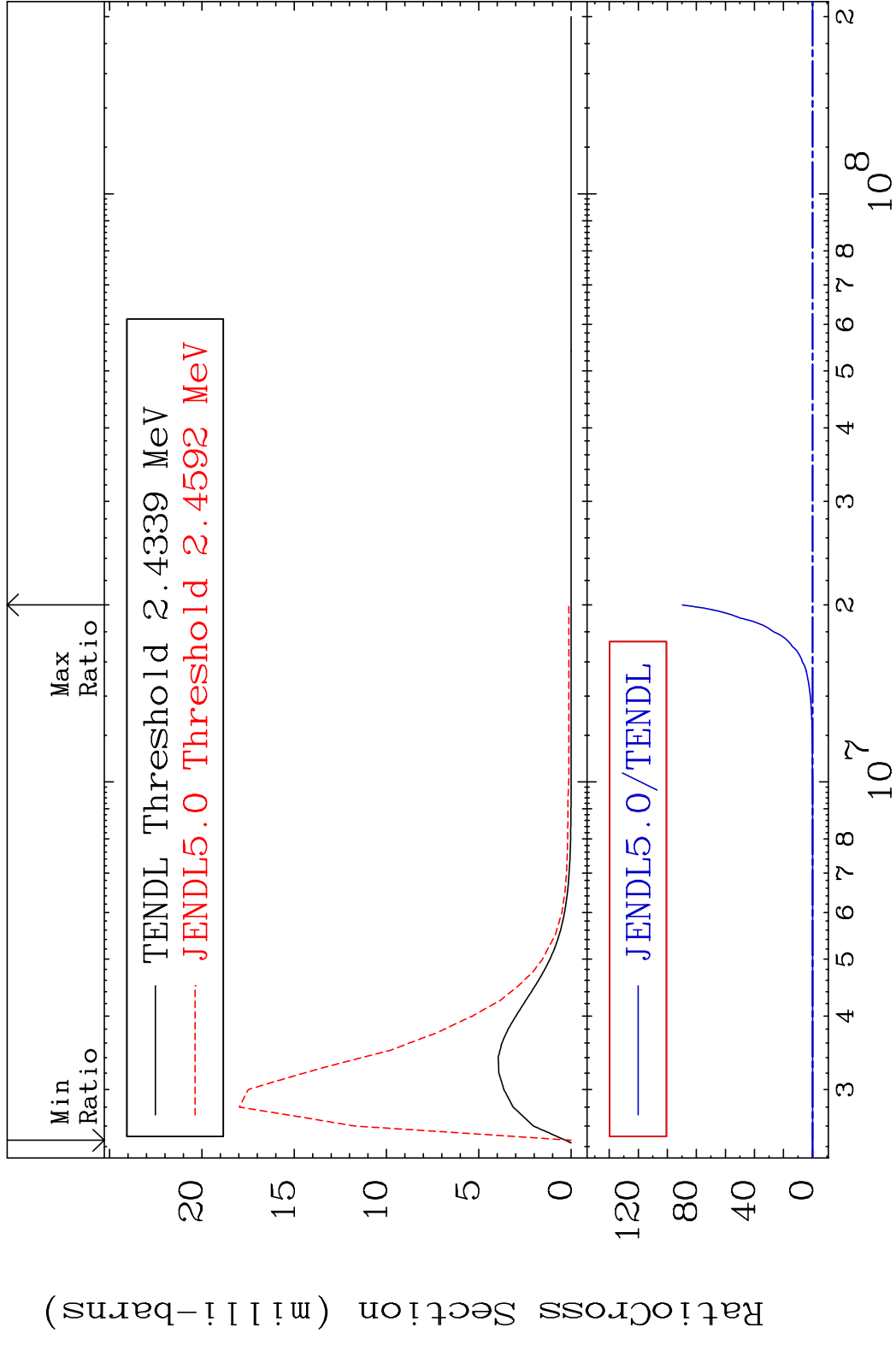
MAT 4849 MT= 74 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 22.81 %



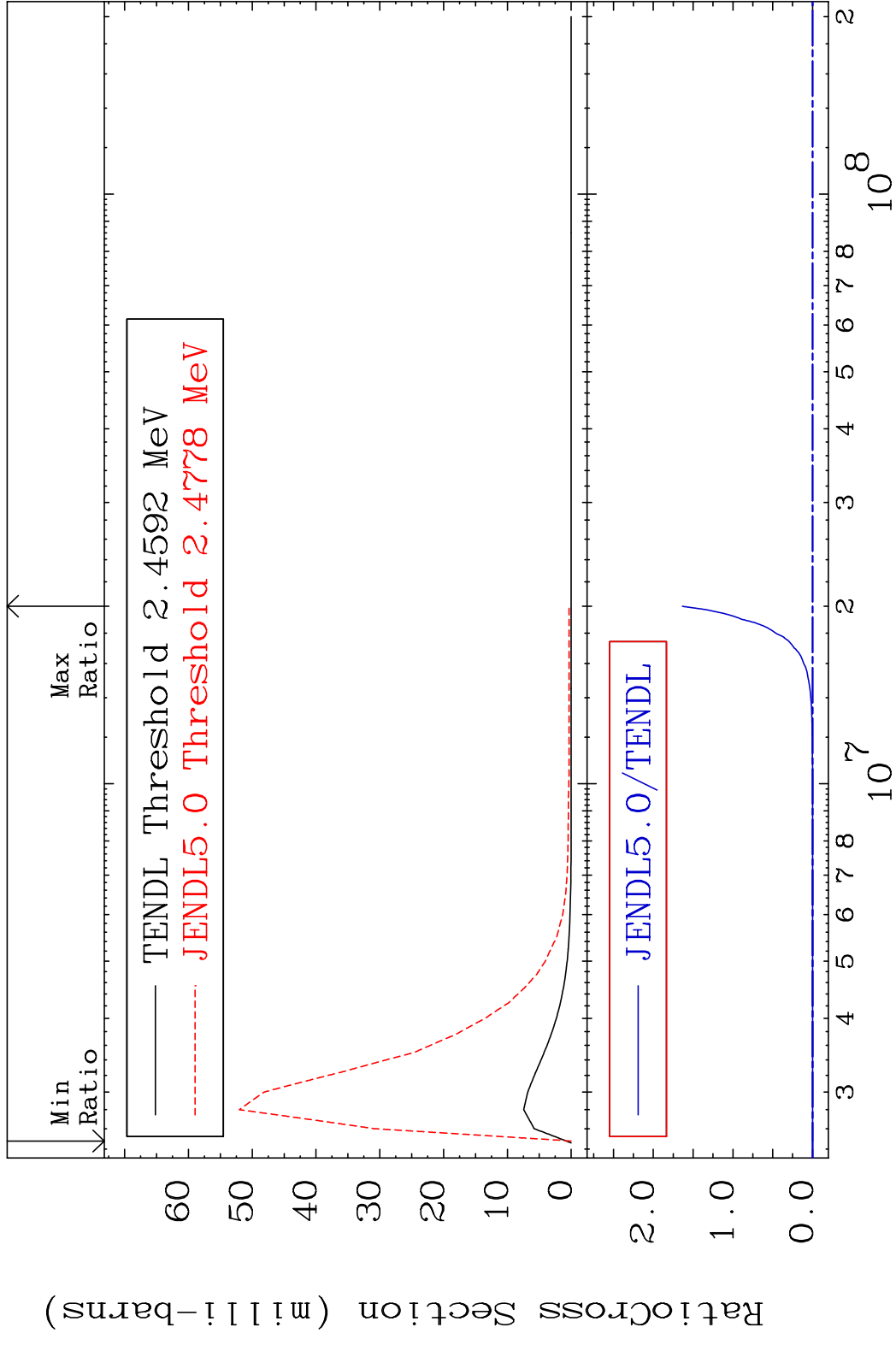
MAT 4849 MT= 75 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 1336. %



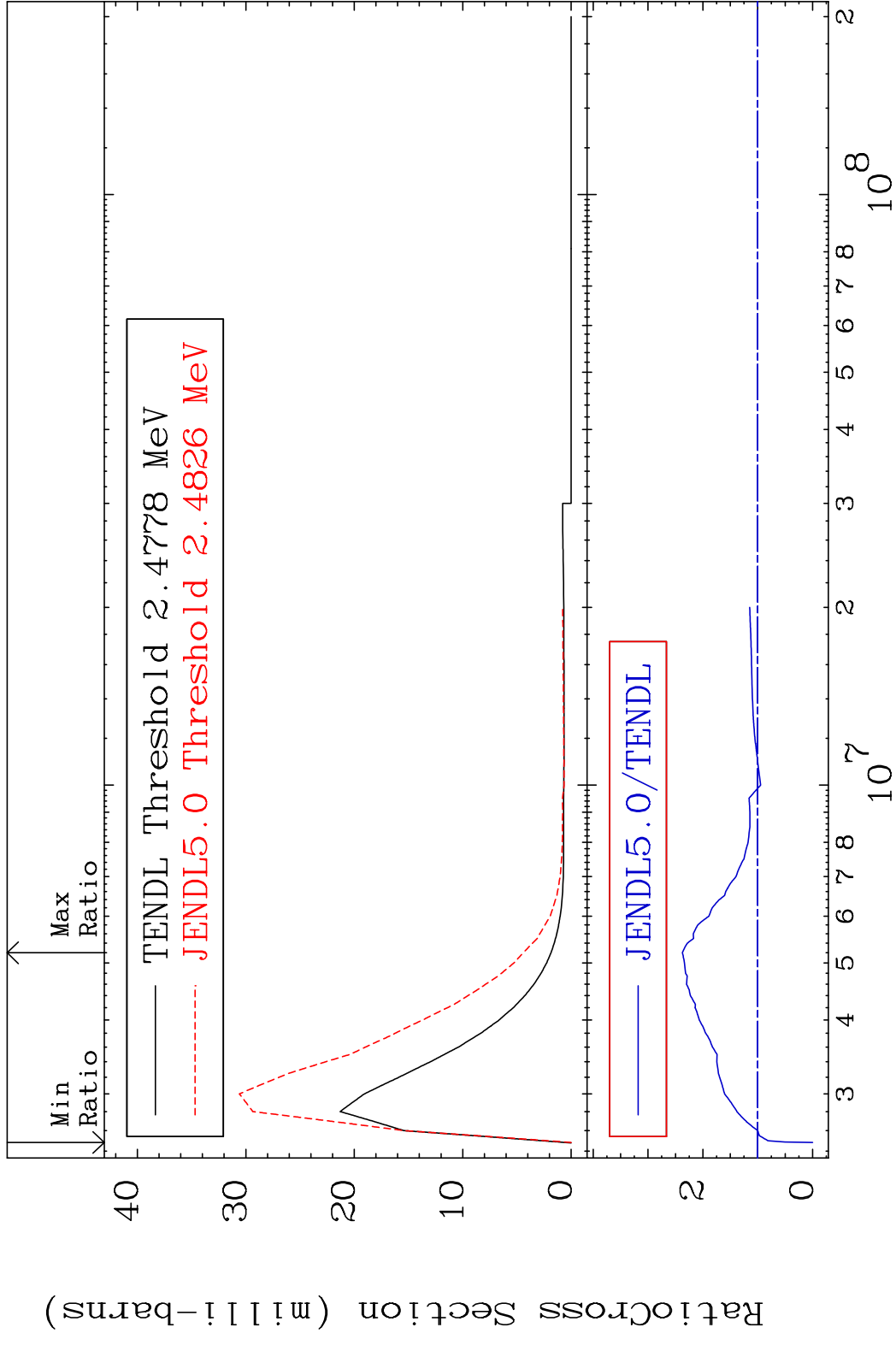
MAT 4849 MT= 76 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 77 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %

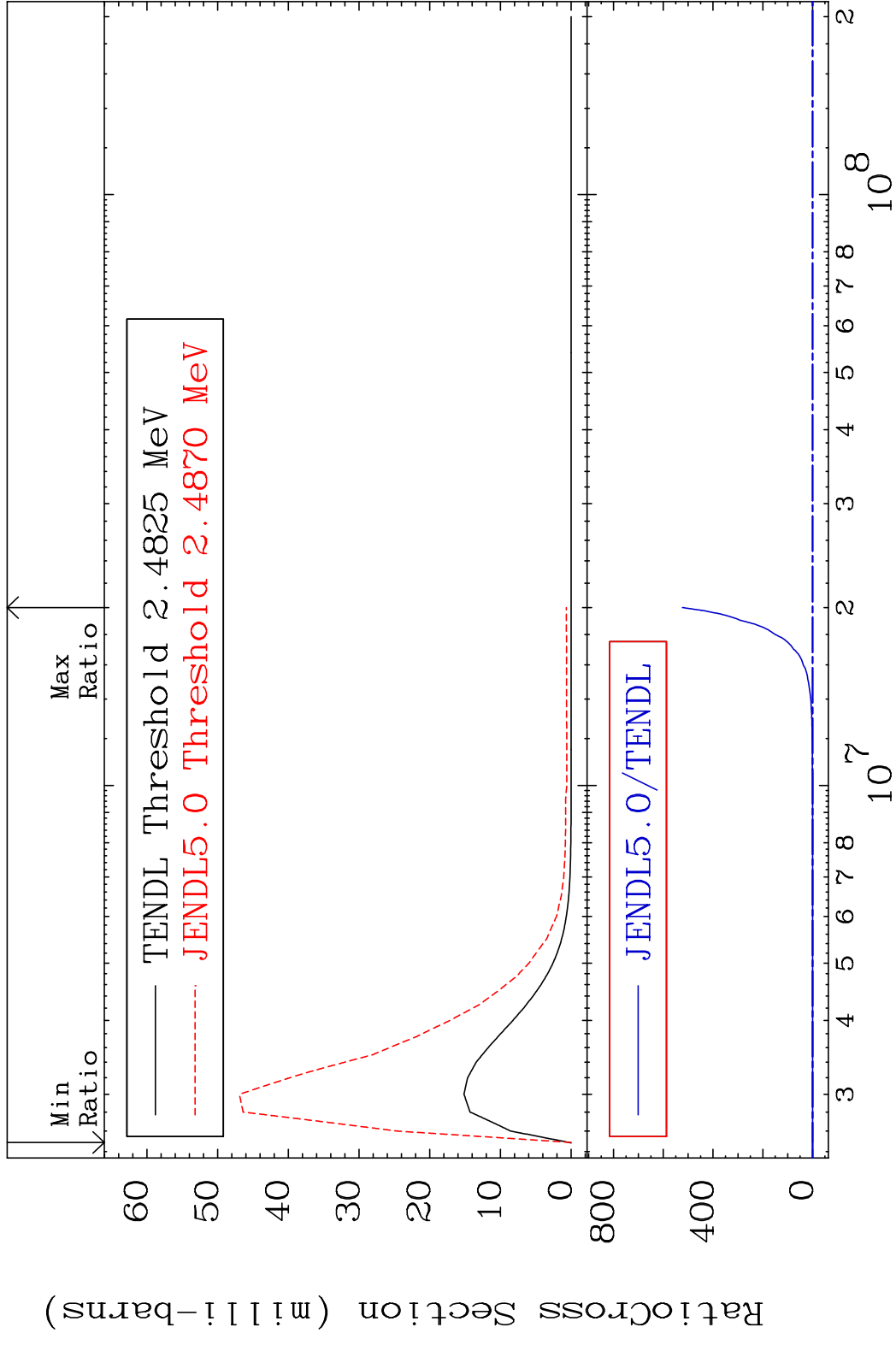


MAT 4849 MT= 78 (n,n') Level 48-Cd-114
 Cross Section -100.0 To 137.4 %

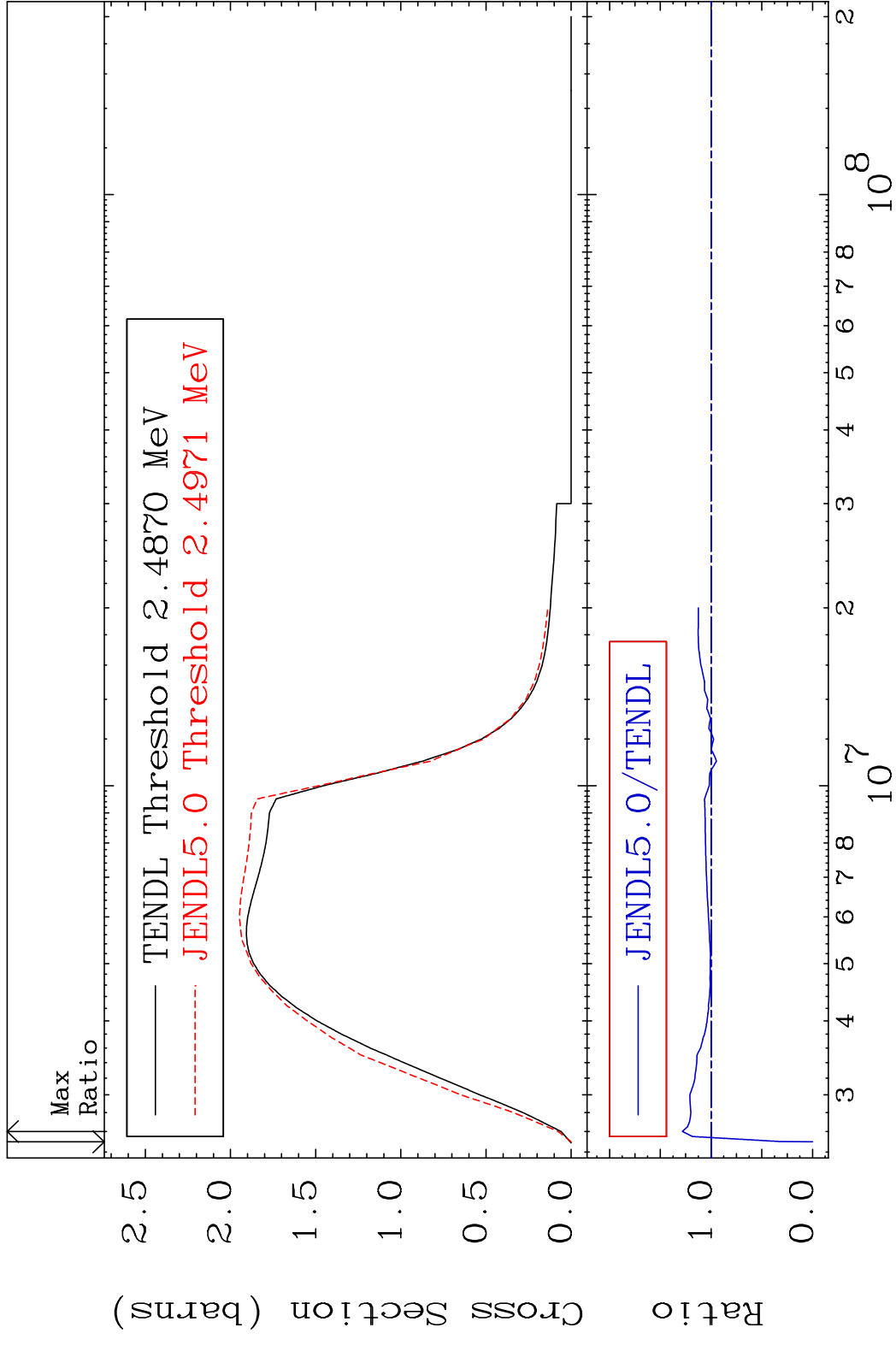


36 Incident Energy (eV) 48-Cd-114

MAT 4849 MT= 79 (n, n') Level 48-Cd-114
 Cross Section -100.0 To 9999. %



MAT 4849 (n,n') Continuum 48-Cd-114
 Cross Section -100.0 To 28.27 %

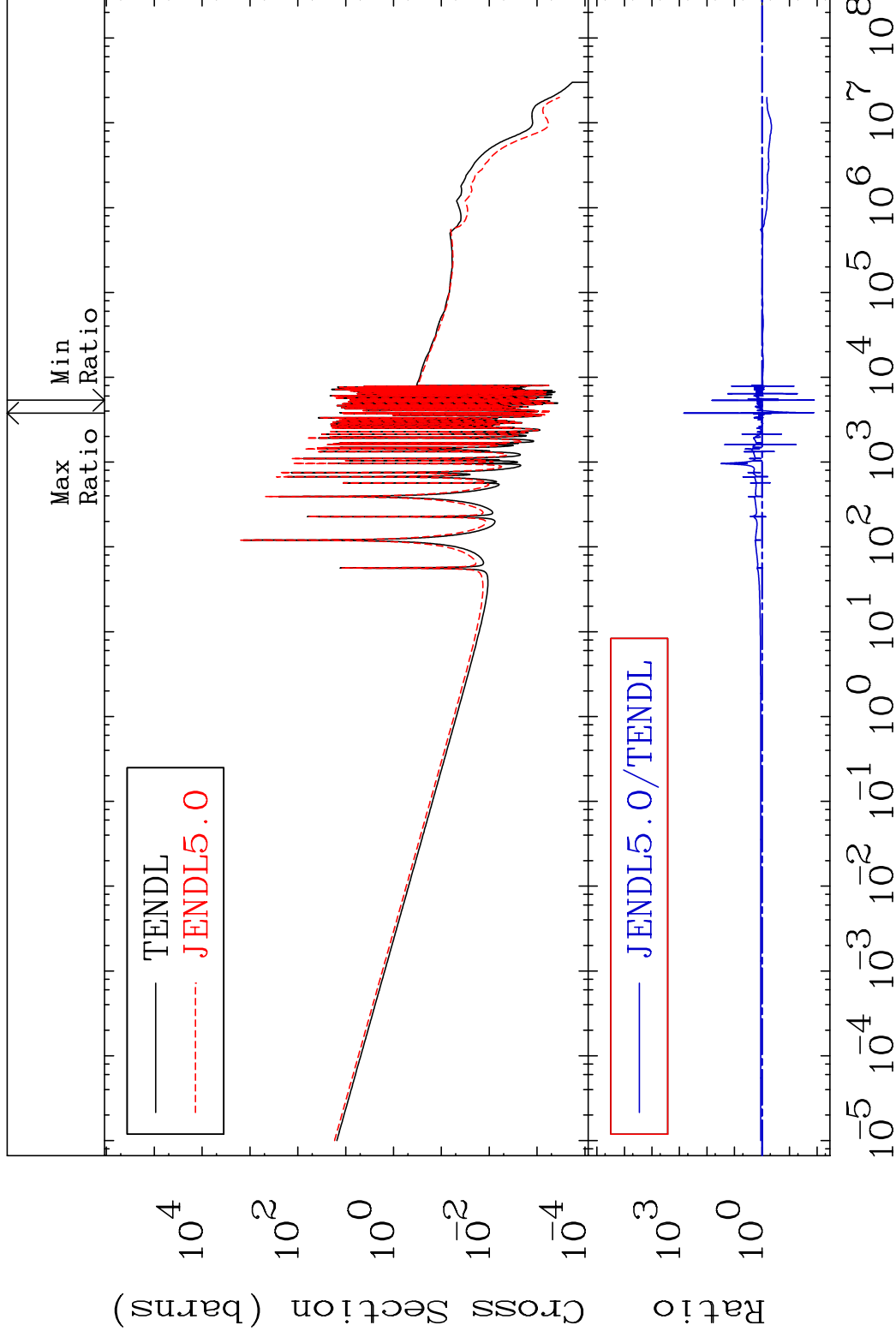


MAT 4849

(n, γ)

48-Cd-114

Cross Section -98.72 To 9999. %



39

Incident Energy (eV)

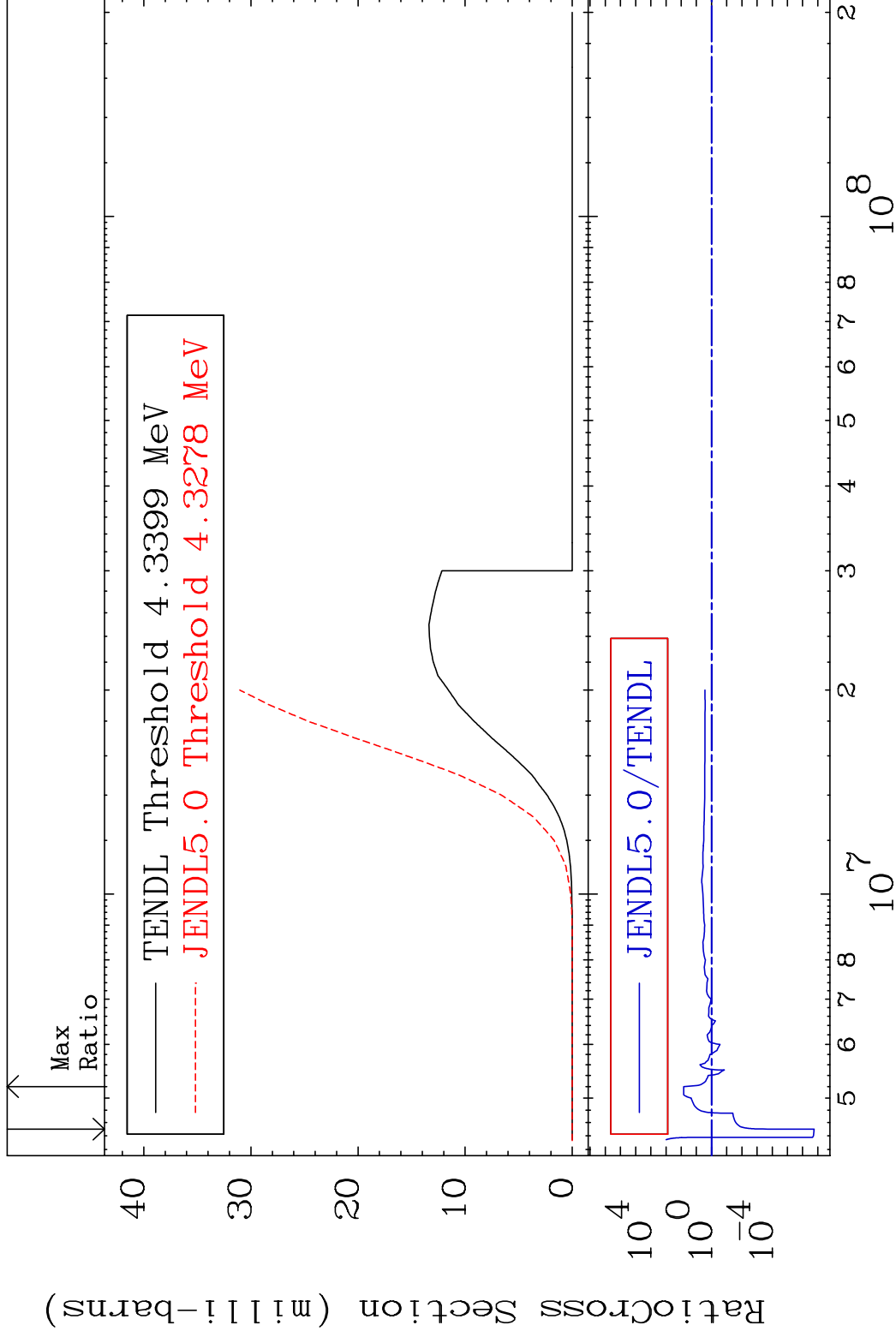
48-Cd-114

MAT 4849

(n,p)

48-Cd-114

Cross Section -100.0 To 6761. %



40

Incident Energy (eV)

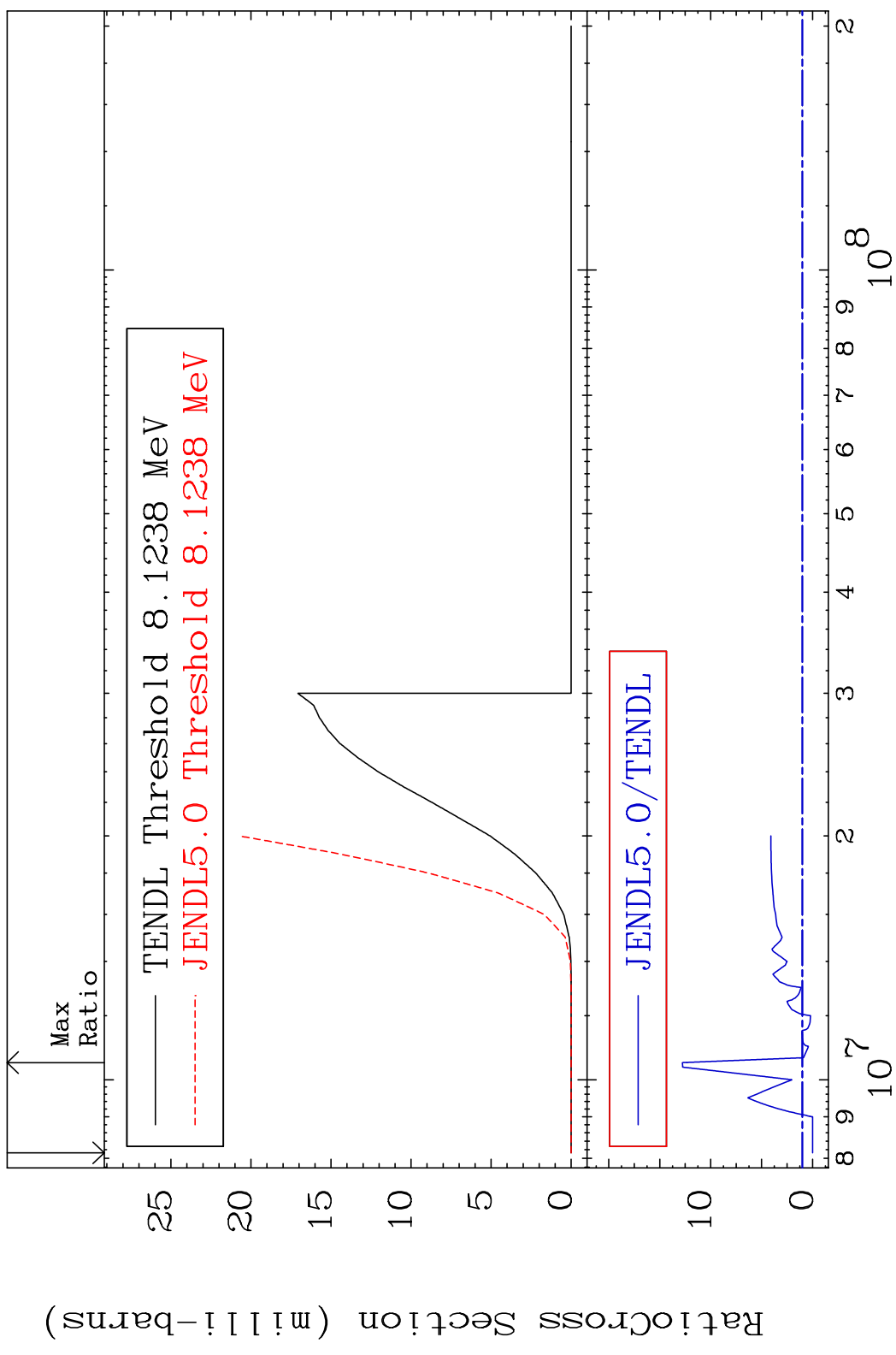
48-Cd-114

MAT 4849

(n, d)

48-Cd-114

Cross Section -100.0 To 1178. %



41

Incident Energy (eV)

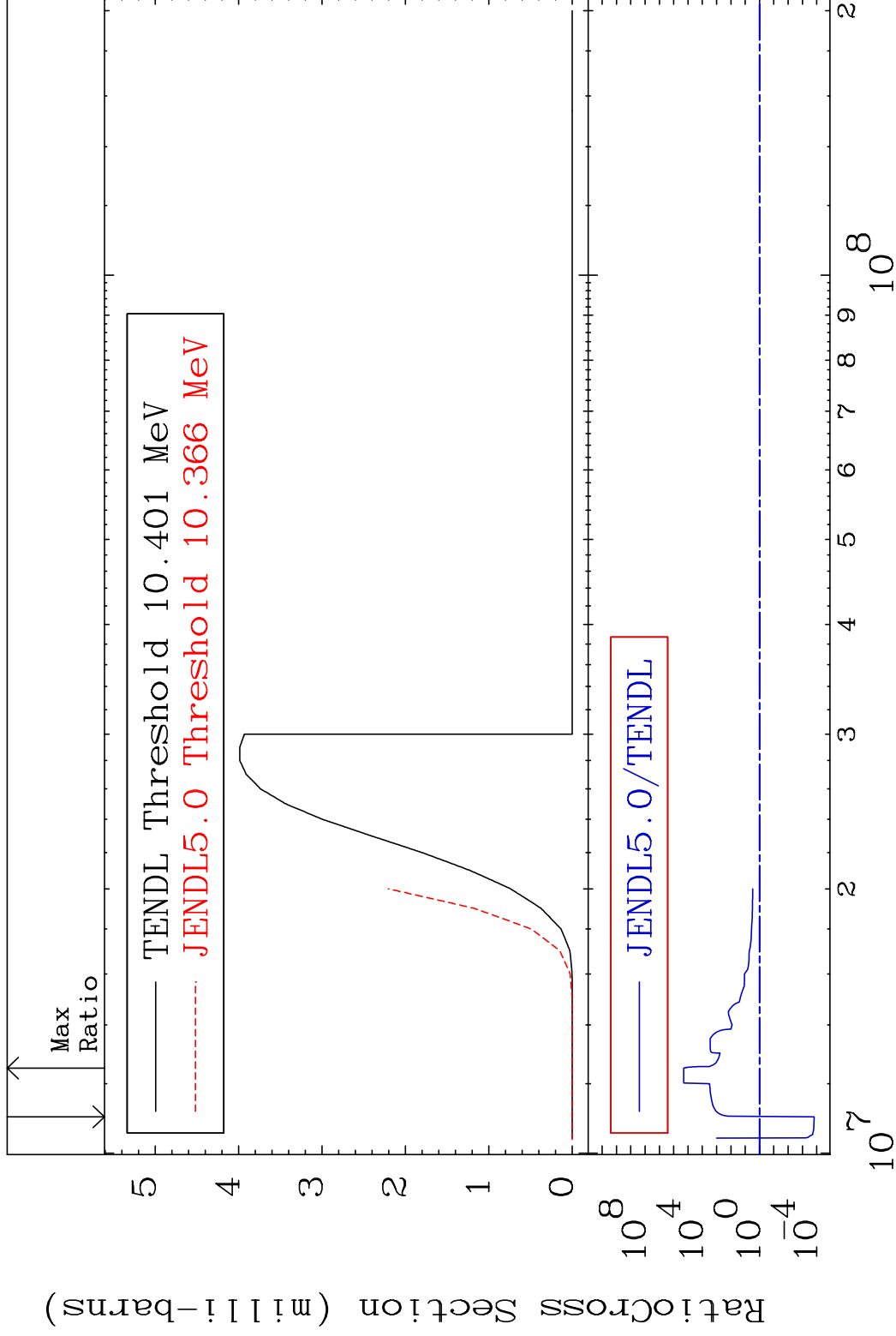
48-Cd-114

MAT 4849

(n, t)

48-Cd-114

Cross Section -99.98 To 9999. %



42

Incident Energy (eV)

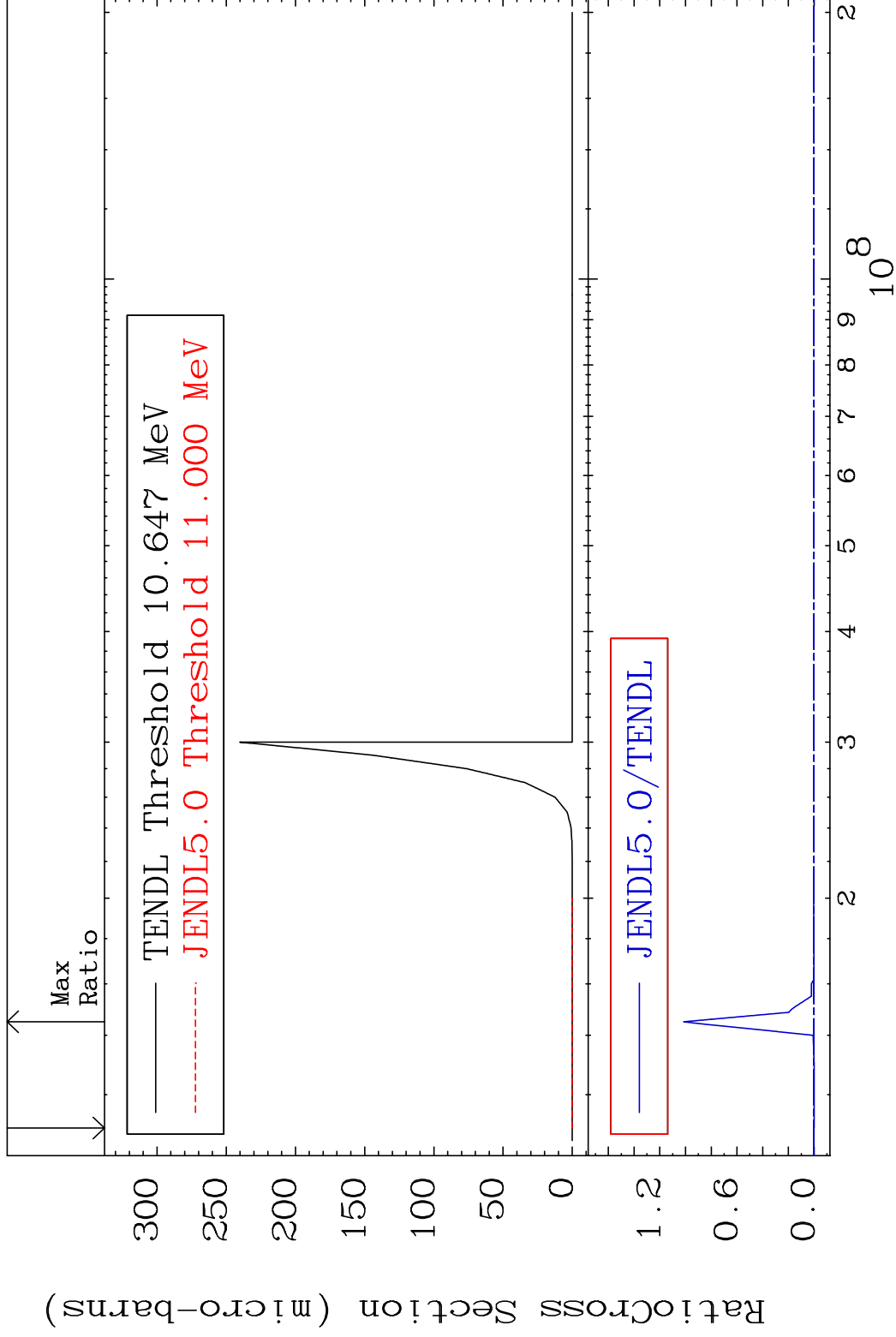
48-Cd-114

MAT 4849

(n, He-3)

48-Cd-114

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

48-Cd-114

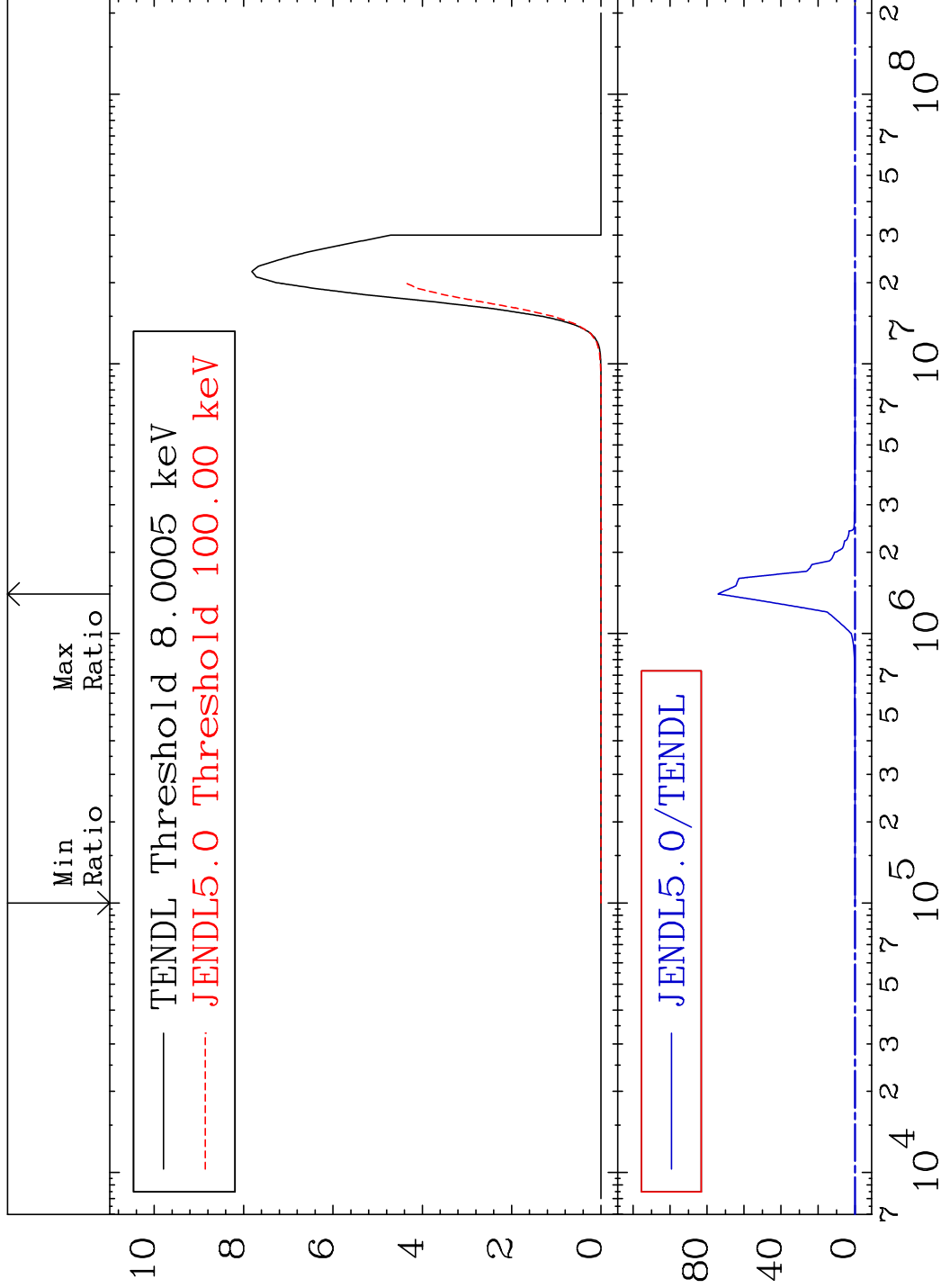
MAT 4849

(n, α)

48-Cd-114

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)

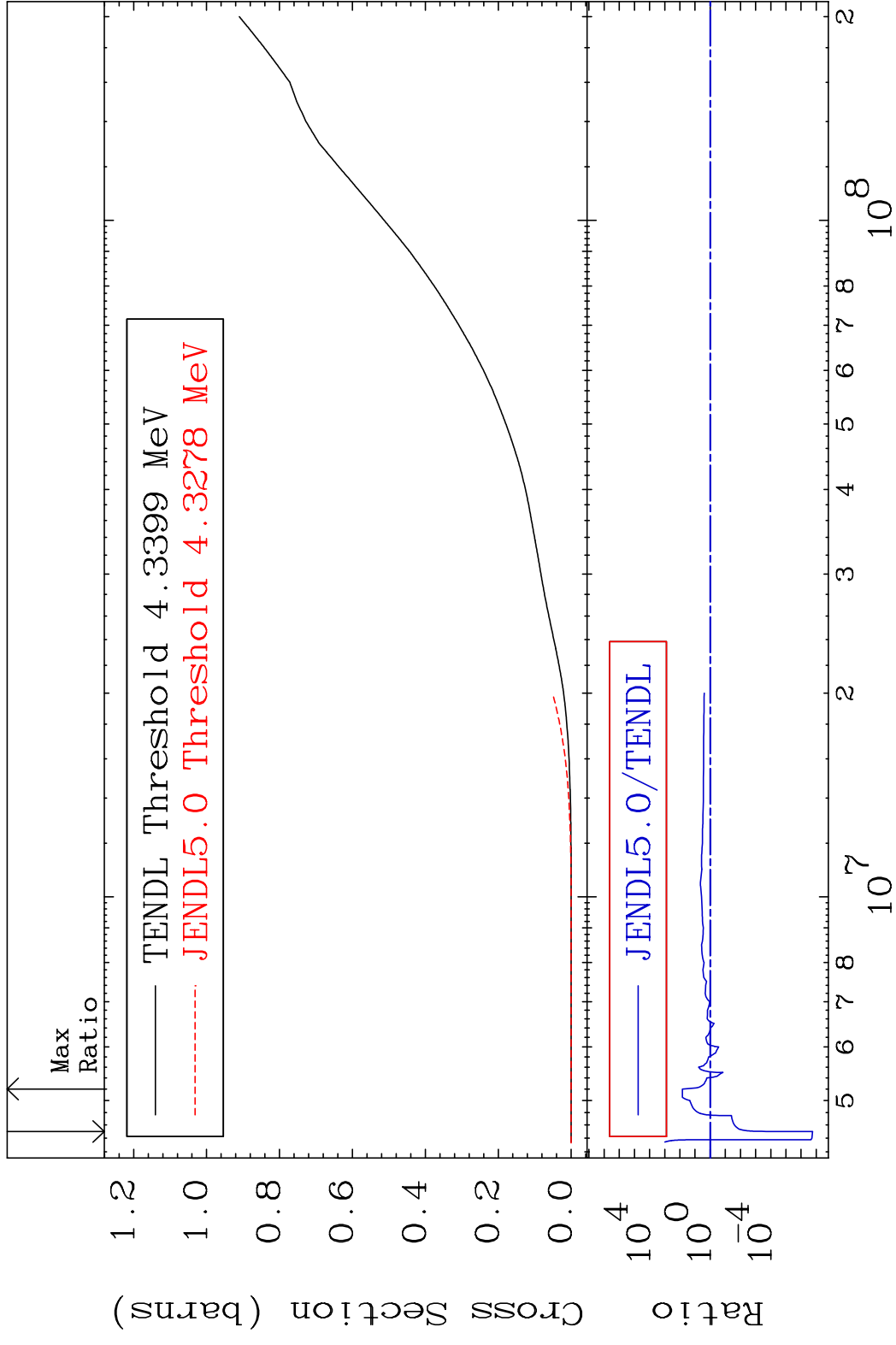


44

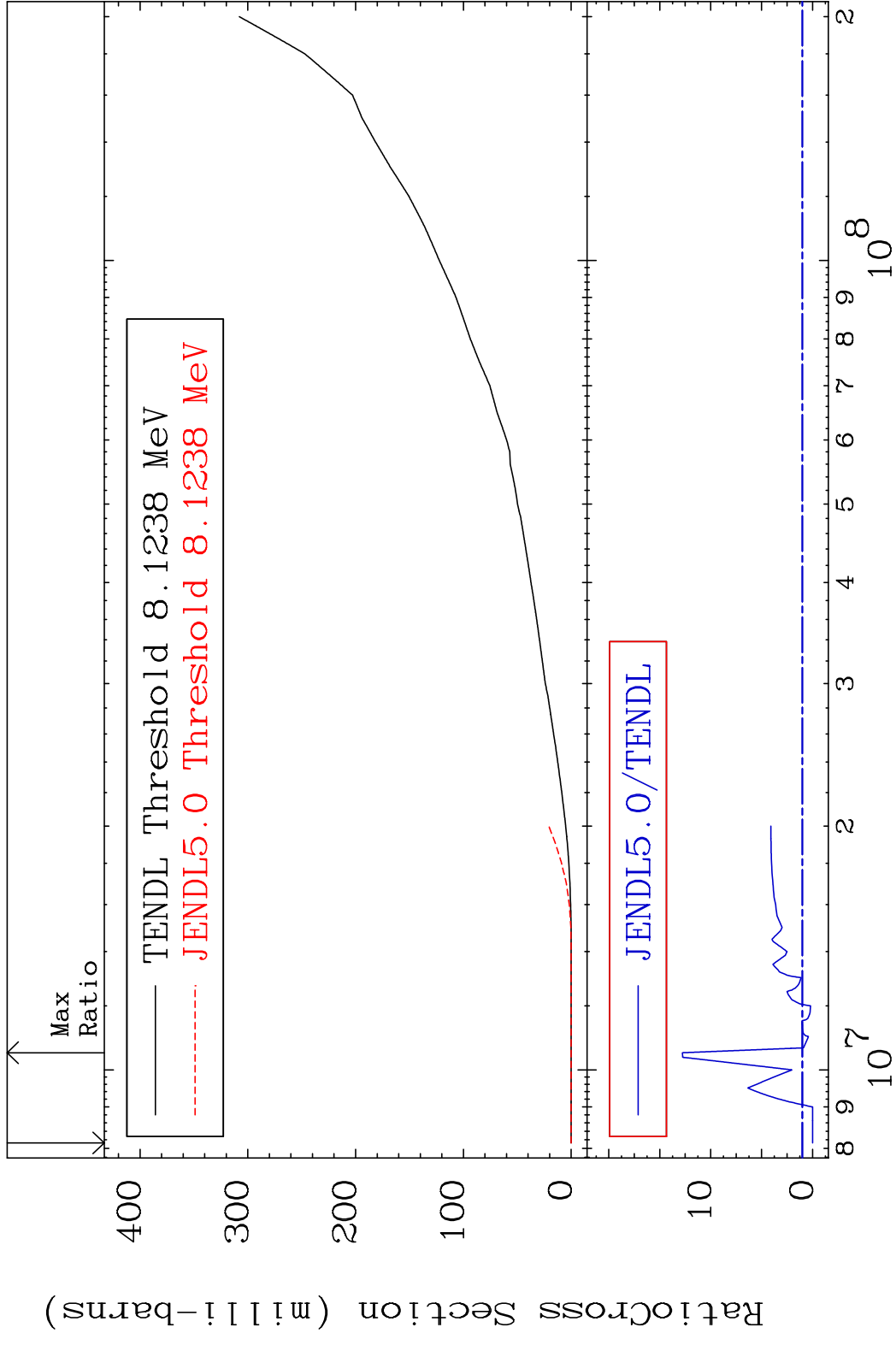
Incident Energy (eV)

48-Cd-114

MAT 4849 Hydrogen Production 48-Cd-114
 Cross Section -100.0 To 6761. %



MAT 4849 Deuterium Production 48-Cd-114
 Cross Section -100.0 To 1178. %



46 Incident Energy (eV) 48-Cd-114

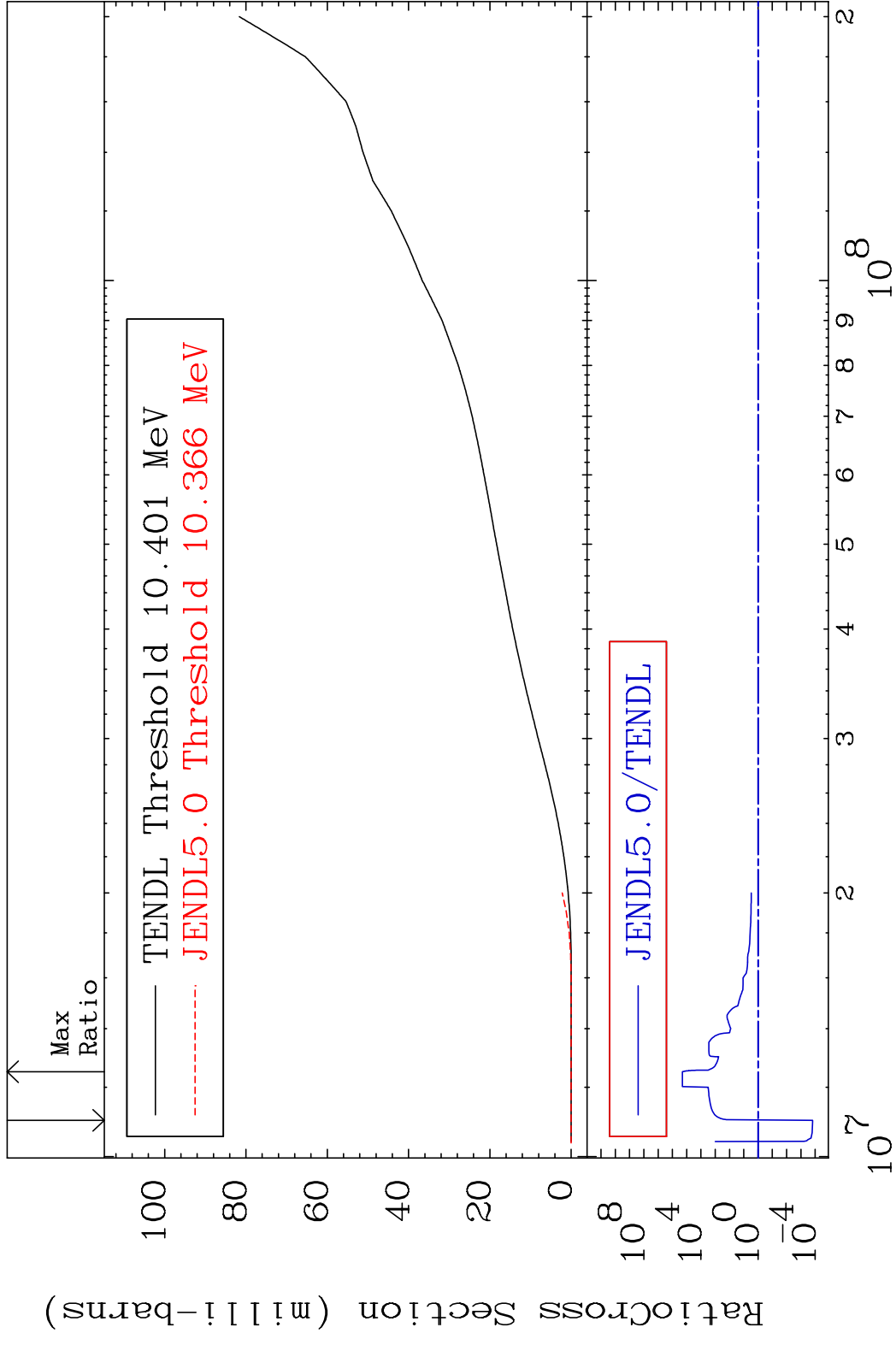
MAT 4849

Tritium Production

48-Cd-114

Cross Section

-99.98 To 9999. %



47

Incident Energy (eV)

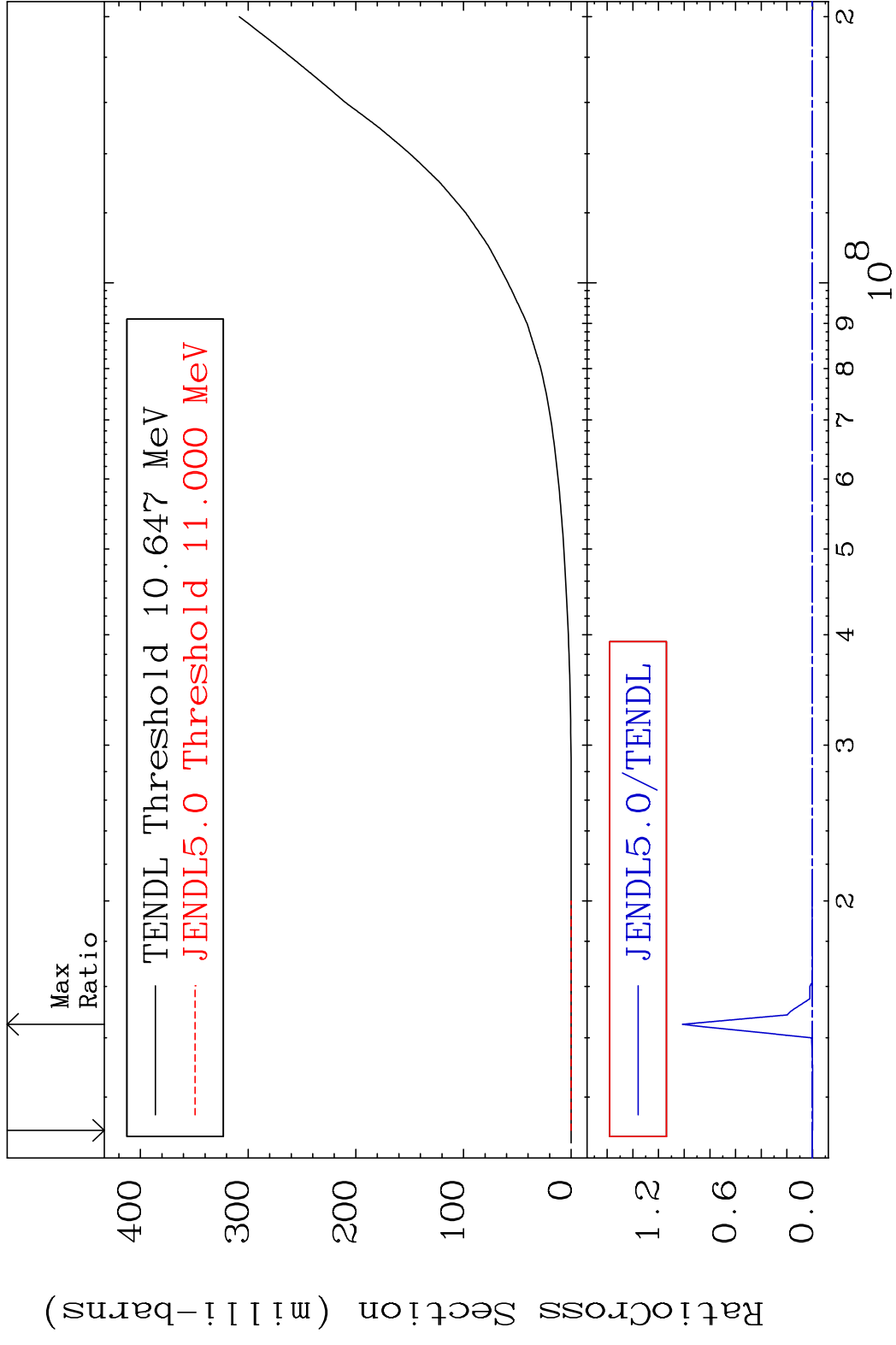
48-Cd-114

MAT 4849

He-3 Production

48-Cd-114

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

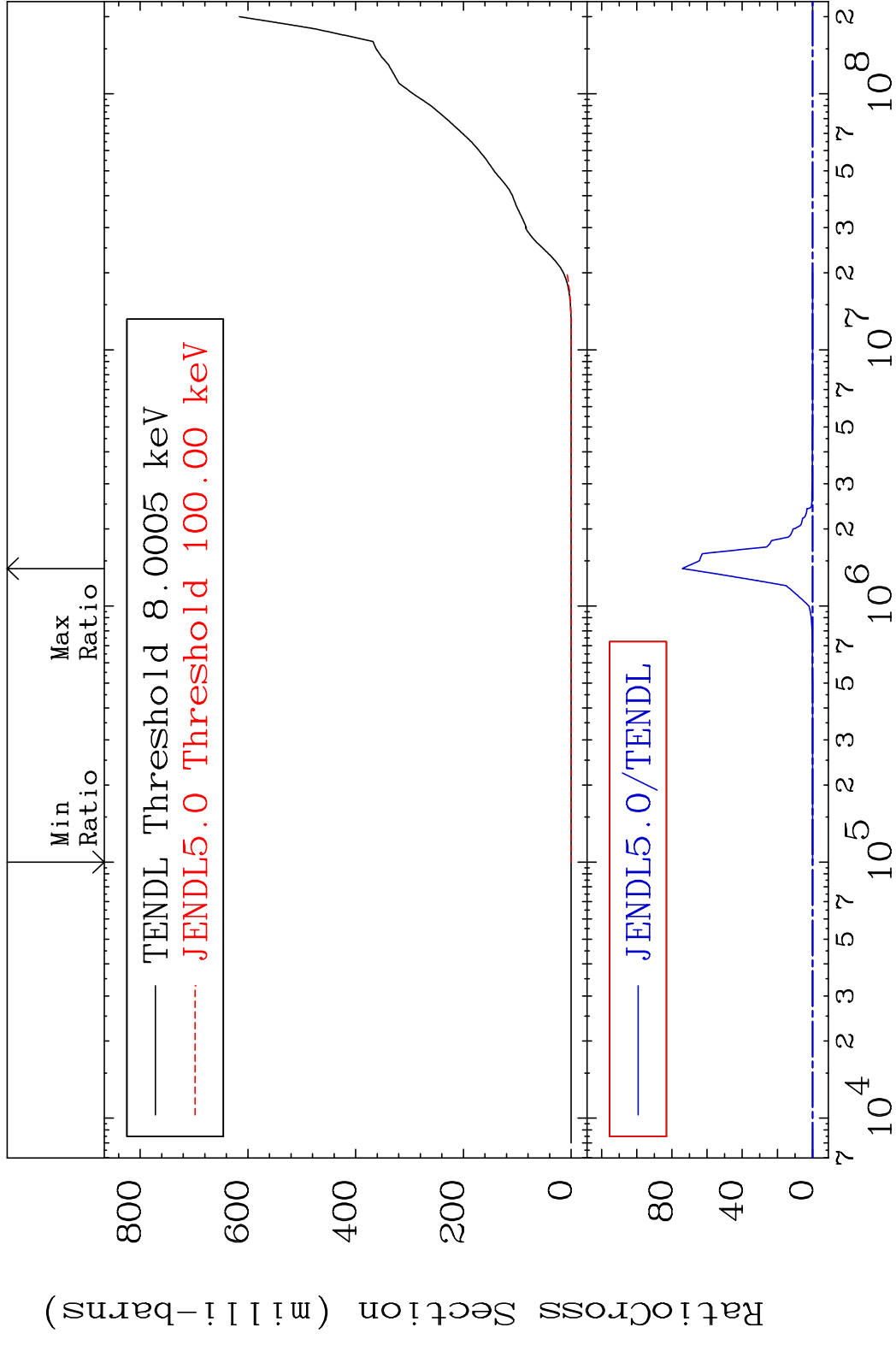
48-Cd-114

MAT 4849

He-4 Production

48-Cd-114

Cross Section -100.0 To 9999. %

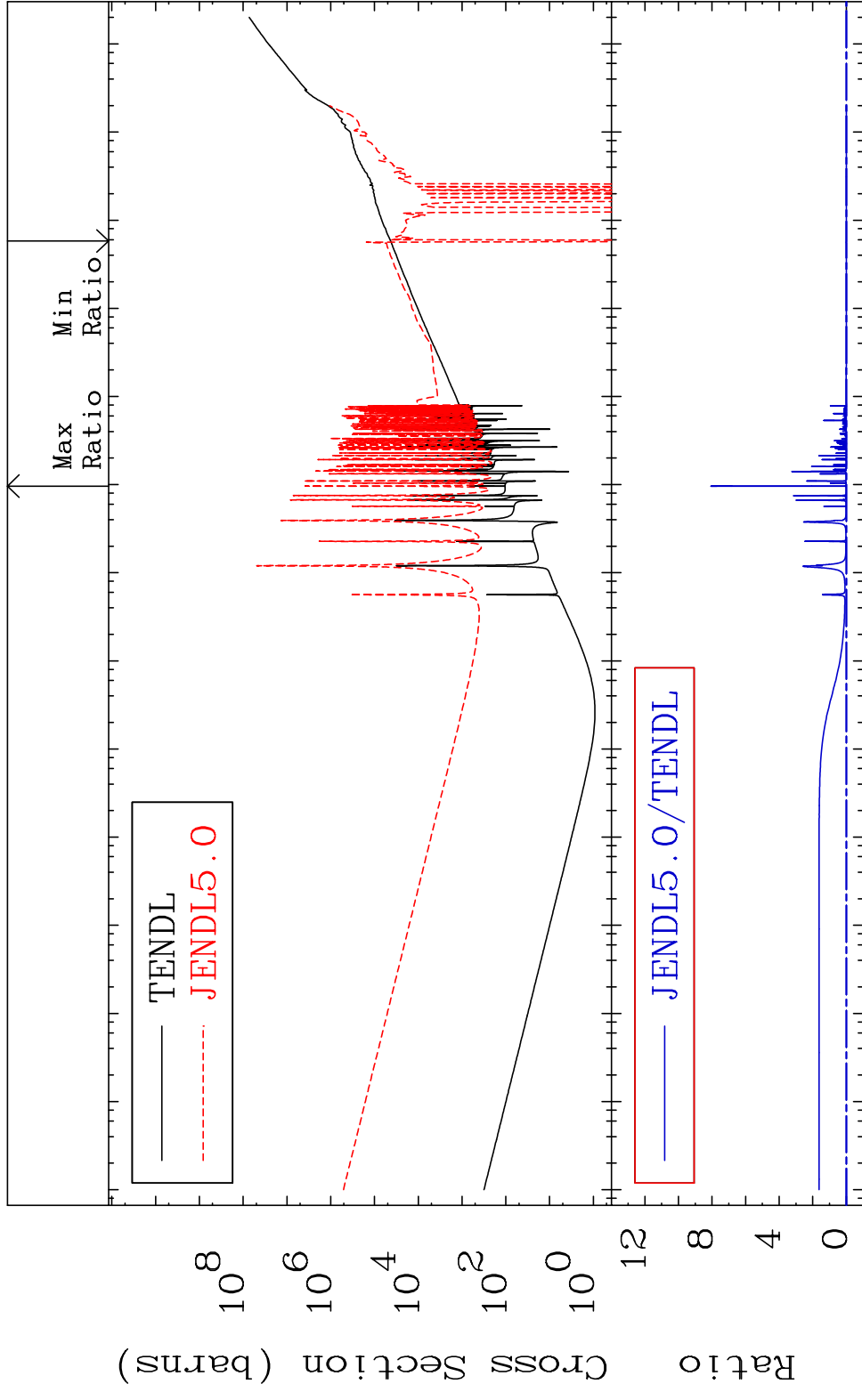


49

Incident Energy (eV)

48-Cd-114

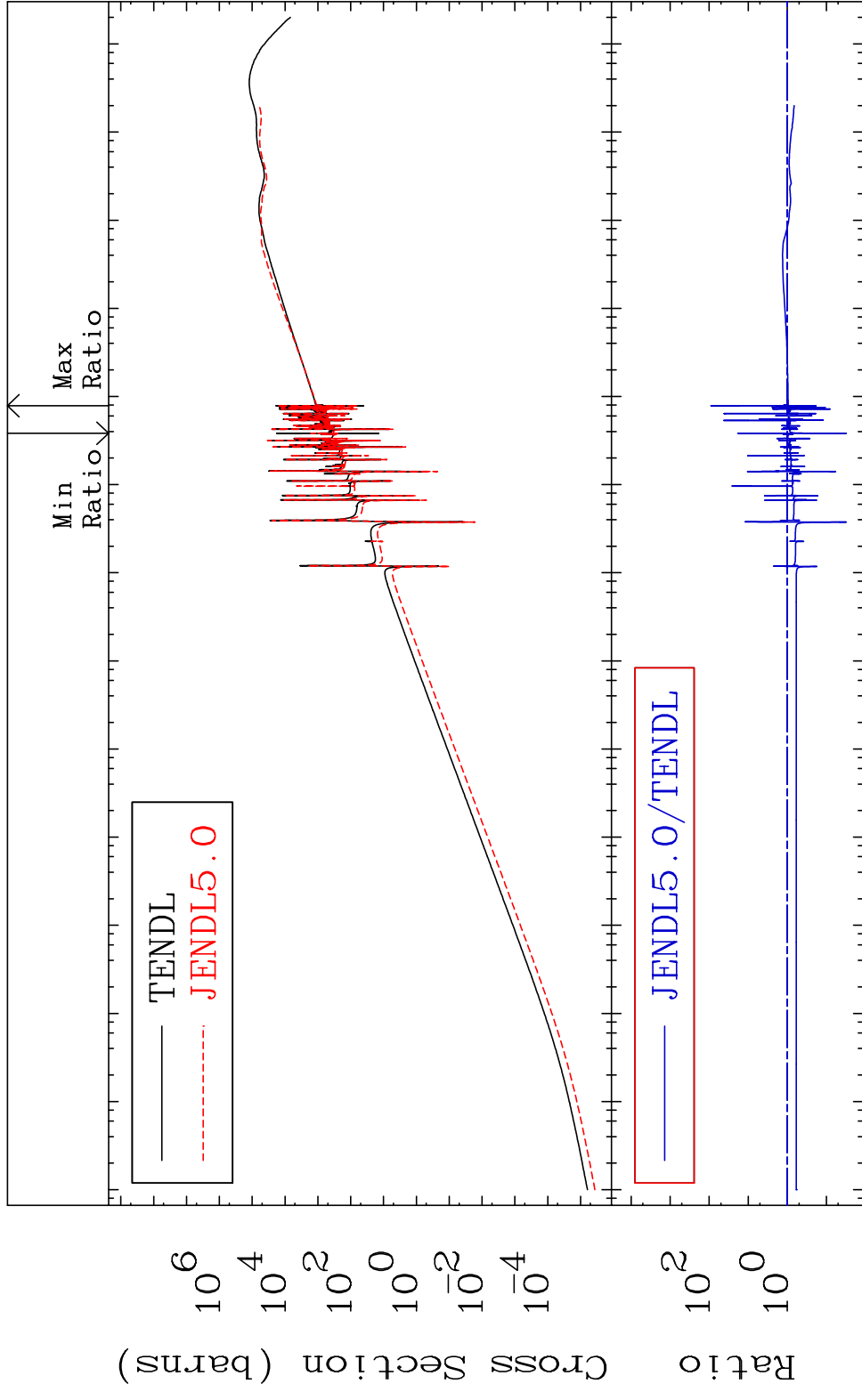
MAT 4849 Kerma total (eV-barns) 48-Cd-114
 Cross Section -329.1 To 9999. %



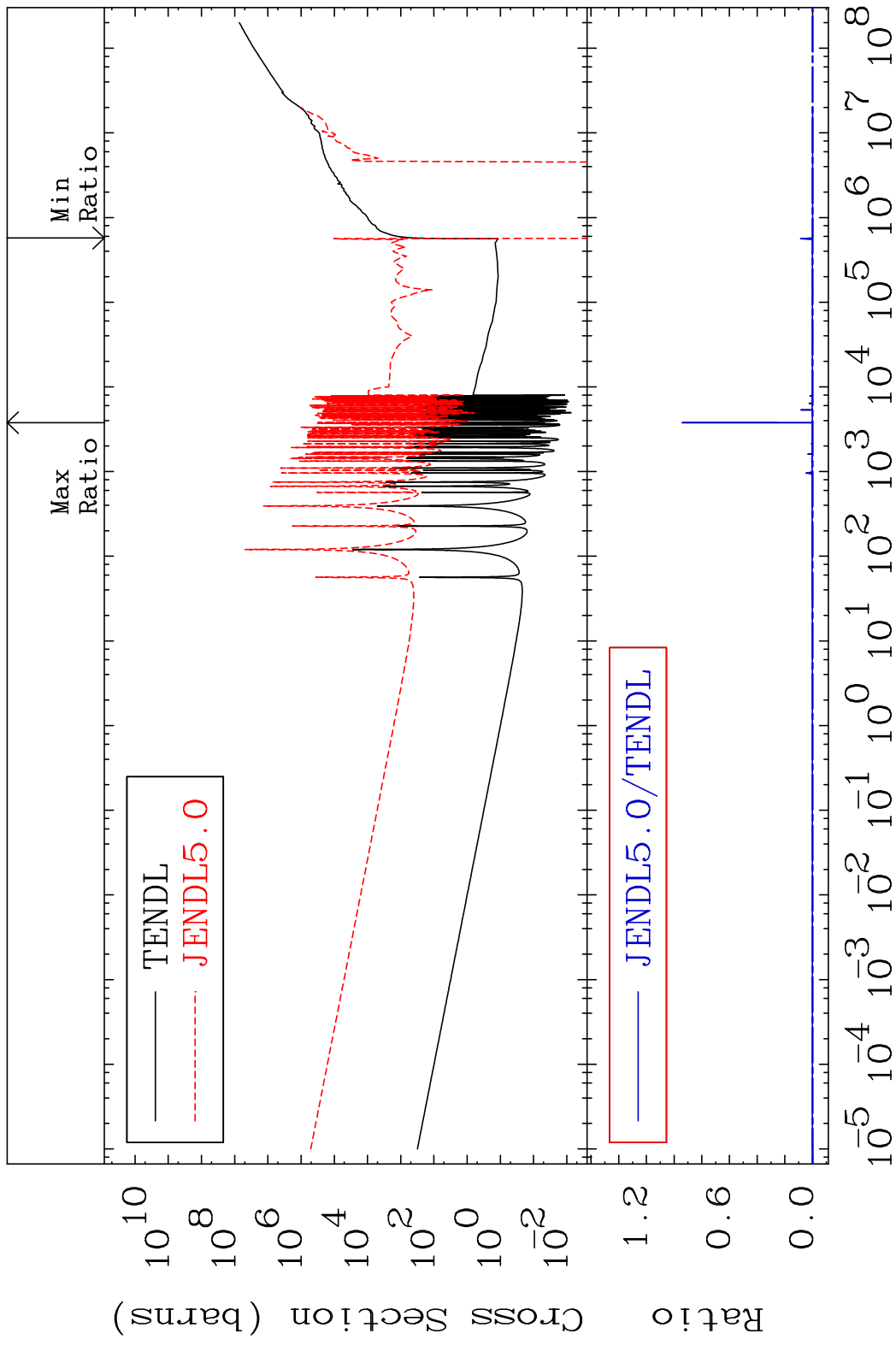
50 Incident Energy (eV) 48-Cd-114

MAT 4849

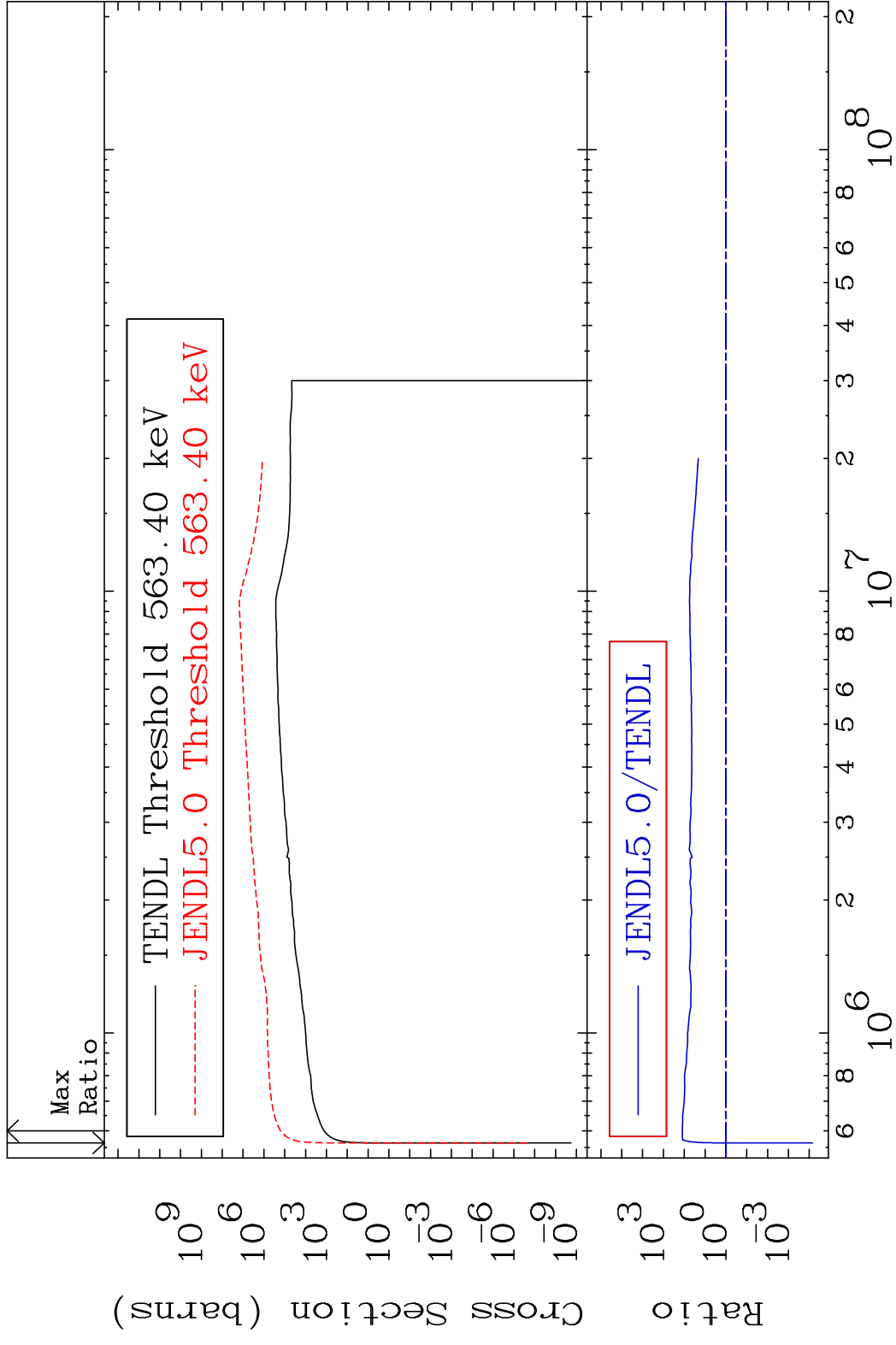
Kerma elastic Cross Section -96.92 To 9042. %
48-Cd-114



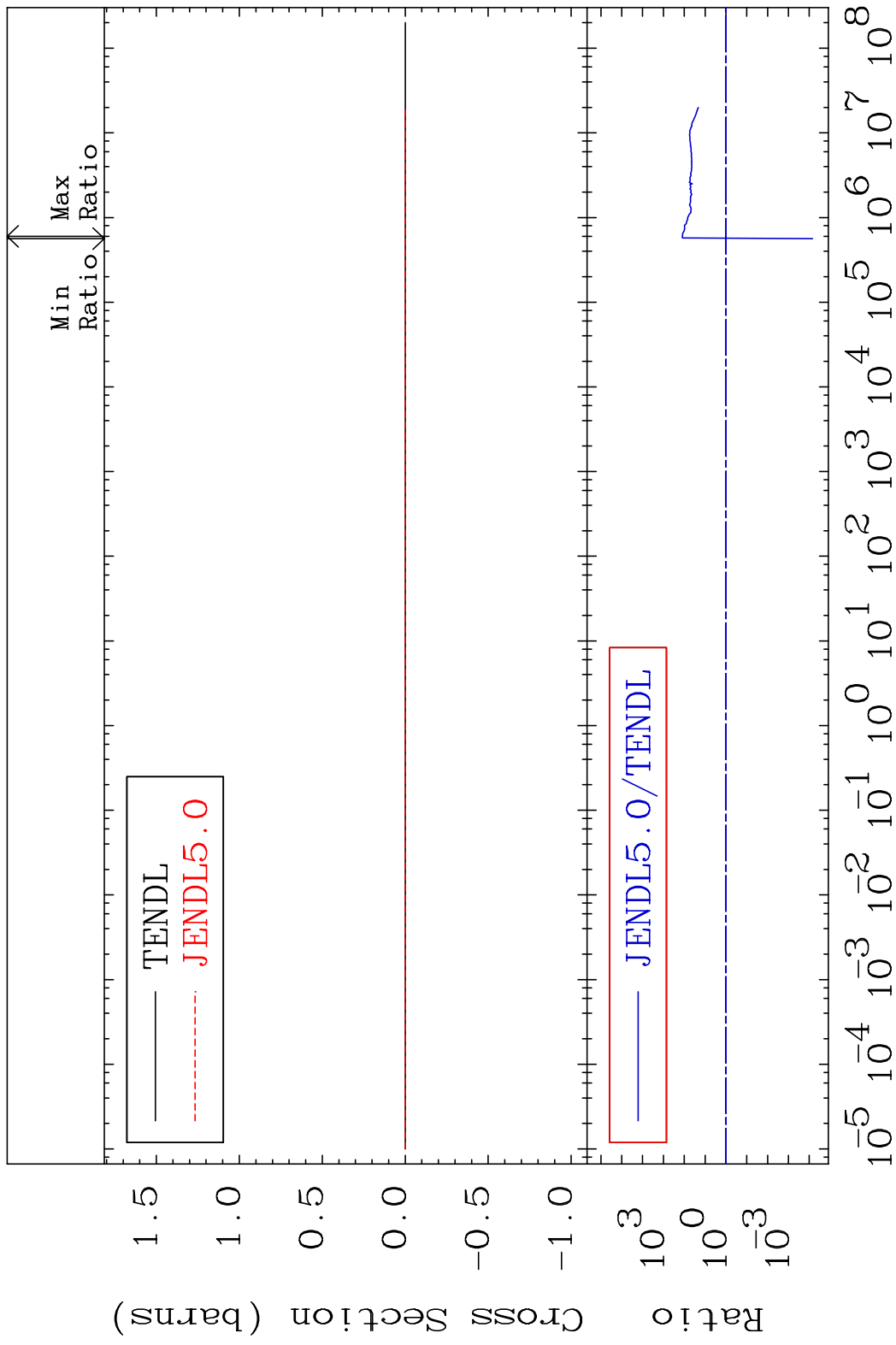
MAT 4849 Kerma non-elastic (all but mt2) 48-Cd-114
 Cross Section -9999. To 9999. %



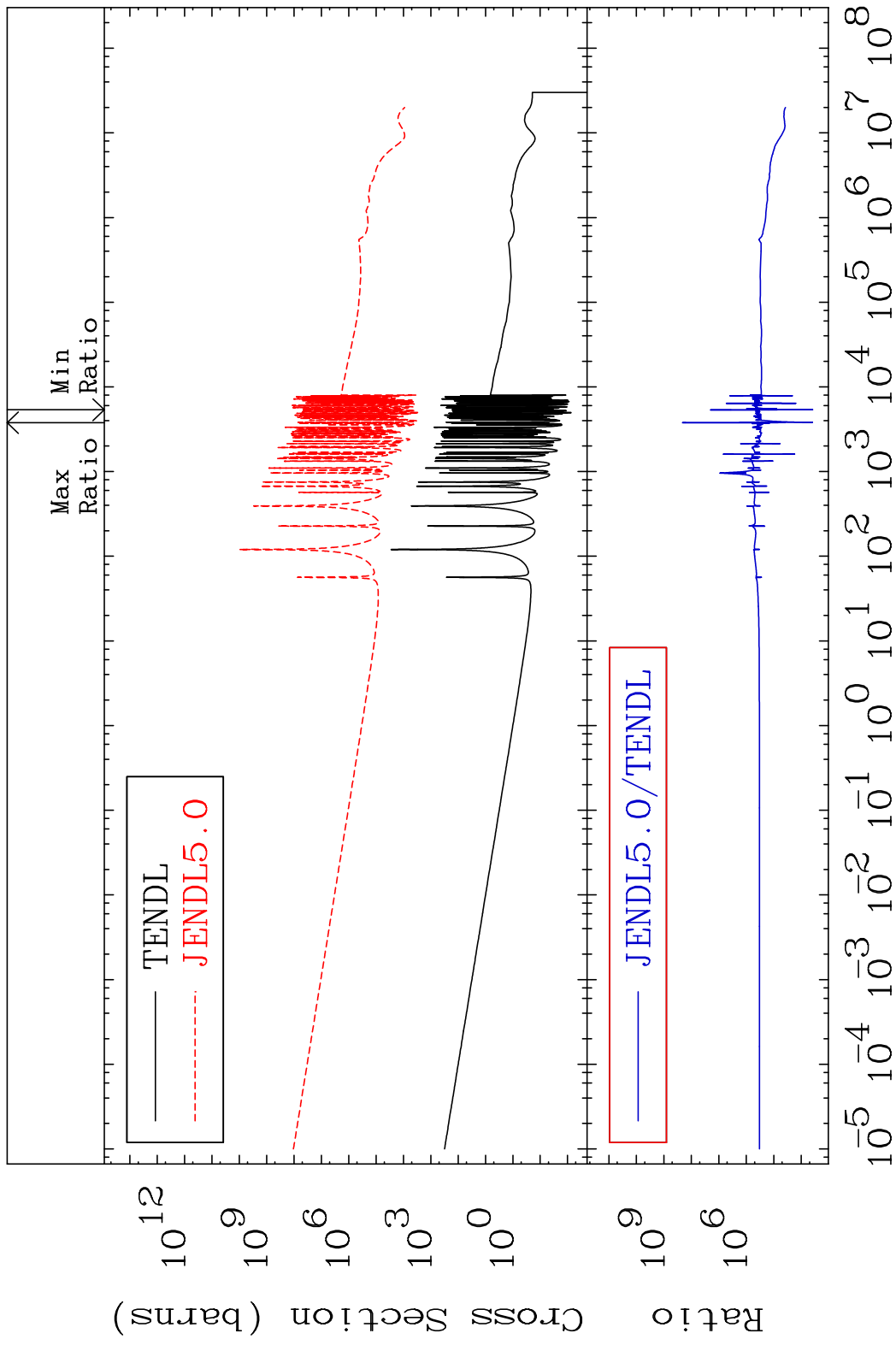
MAT 4849 Kerma inelastic (mt51-91) 48-Cd-114
 Cross Section -99.99 To 9999. %



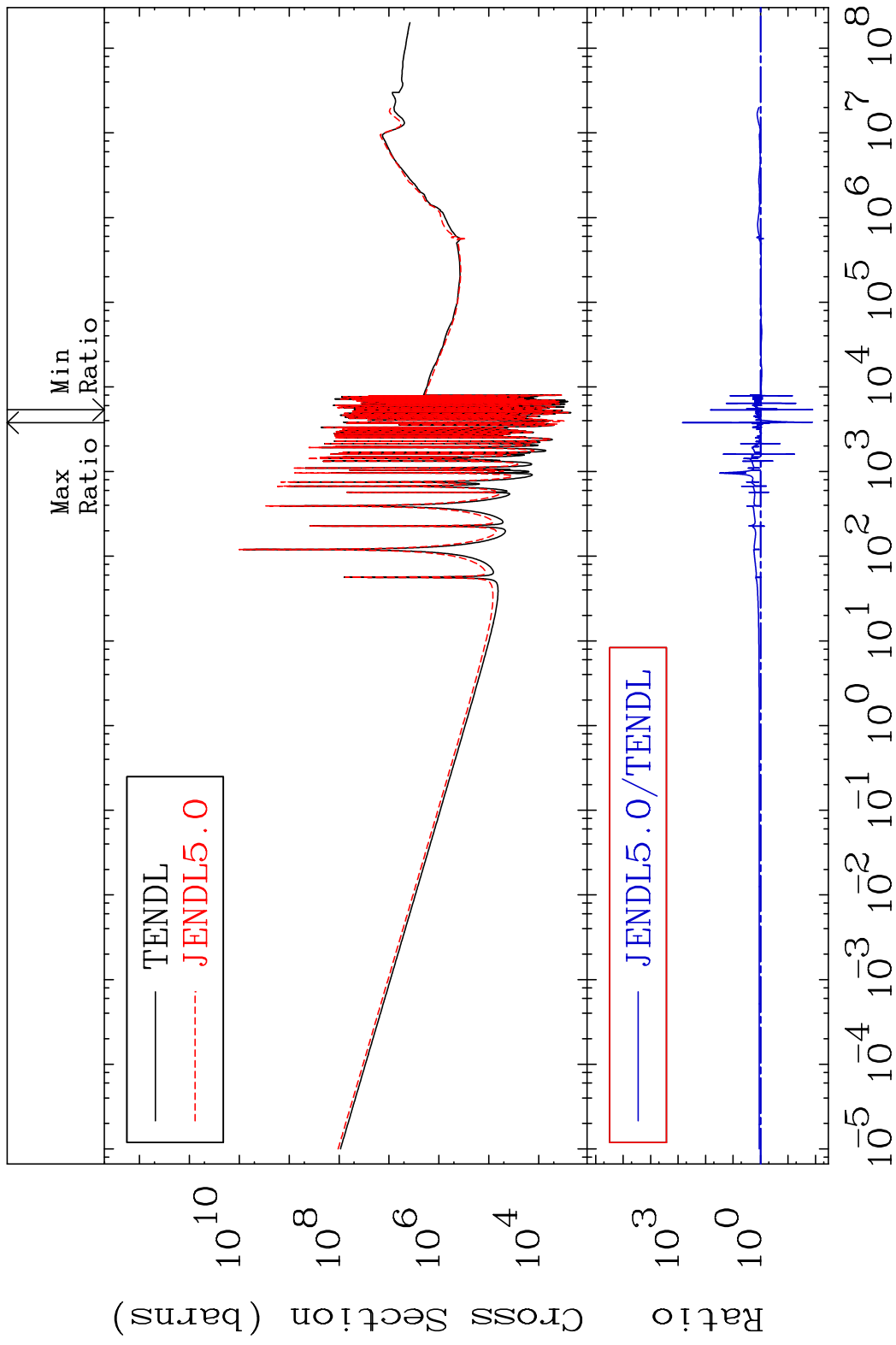
MAT 4849 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-114
 Cross Section -99.99 To 9999. %



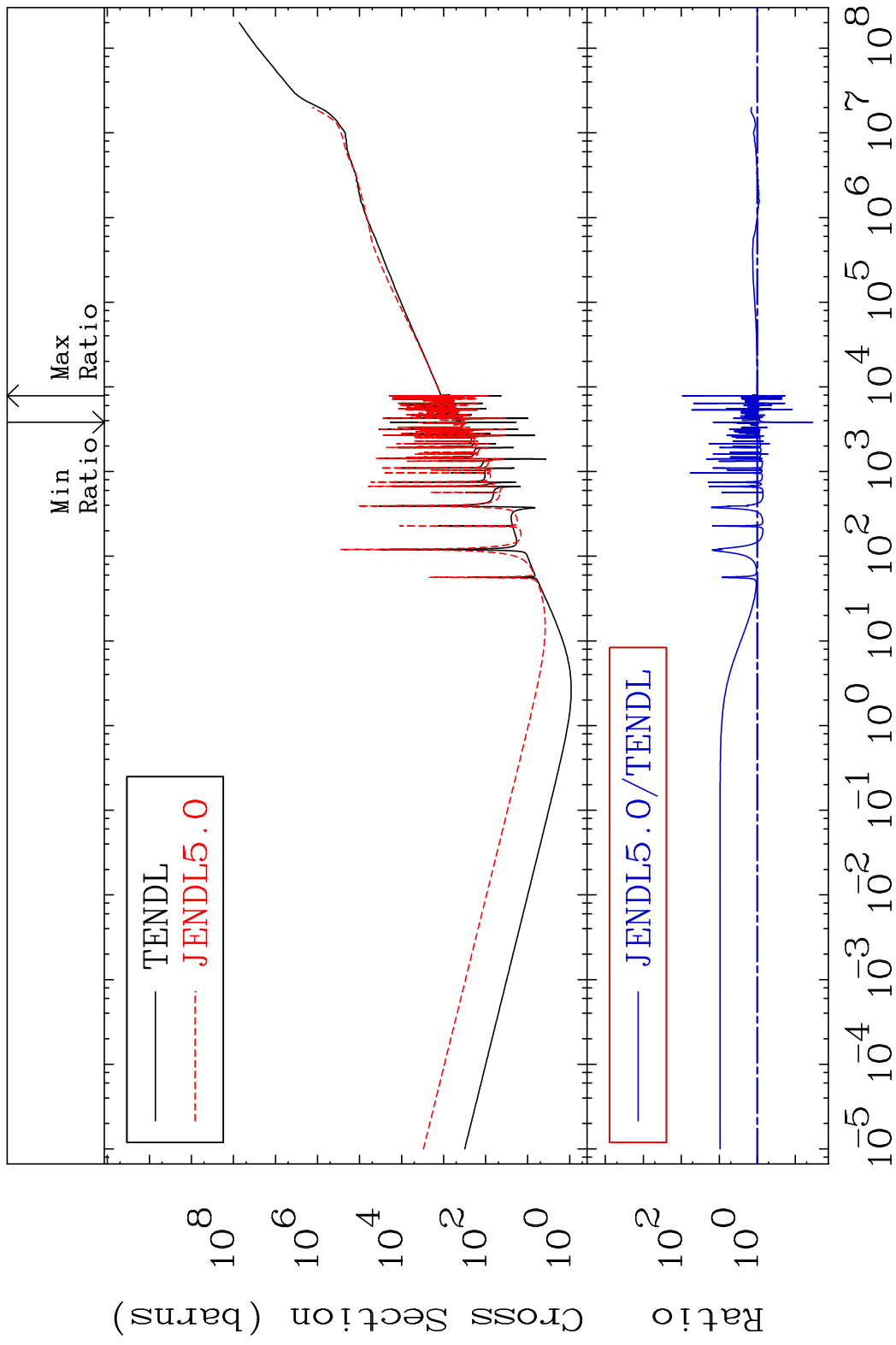
MAT 4849 Kerma capture (mt102) 48-Cd-114
 Cross Section 9999. To 9999. %



MAT 4849 Total photon (eV-barns) 48-Cd-114
 Cross Section -98.72 To 9999. %



MAT 4849 Total kinematic kerma (high limit) 48-Cd-114
 Cross Section -96.51 To 9294. %

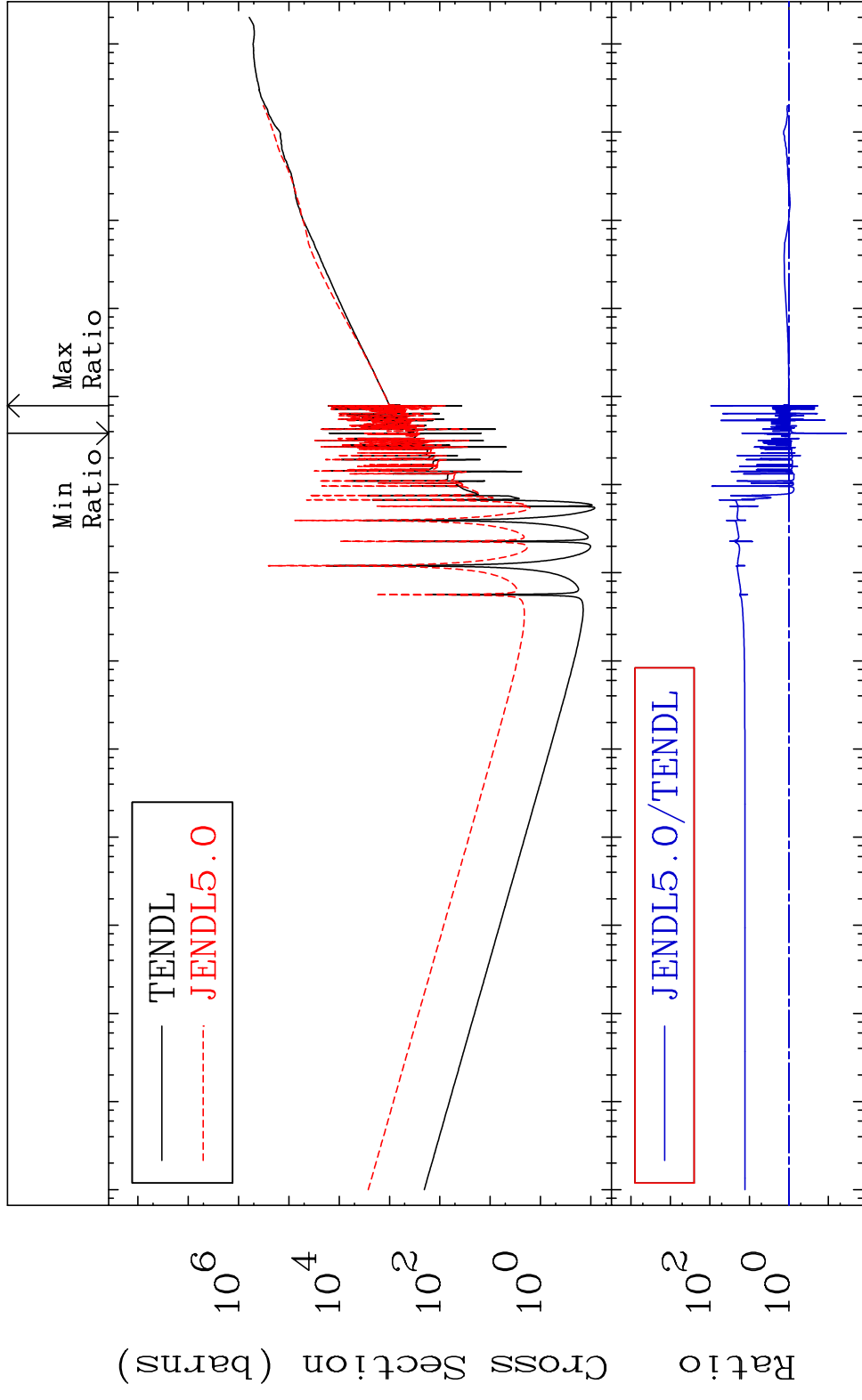


MAT 4849

Dpa total (eV-barns)

48-Cd-114

Cross Section -96.50 To 9419. %

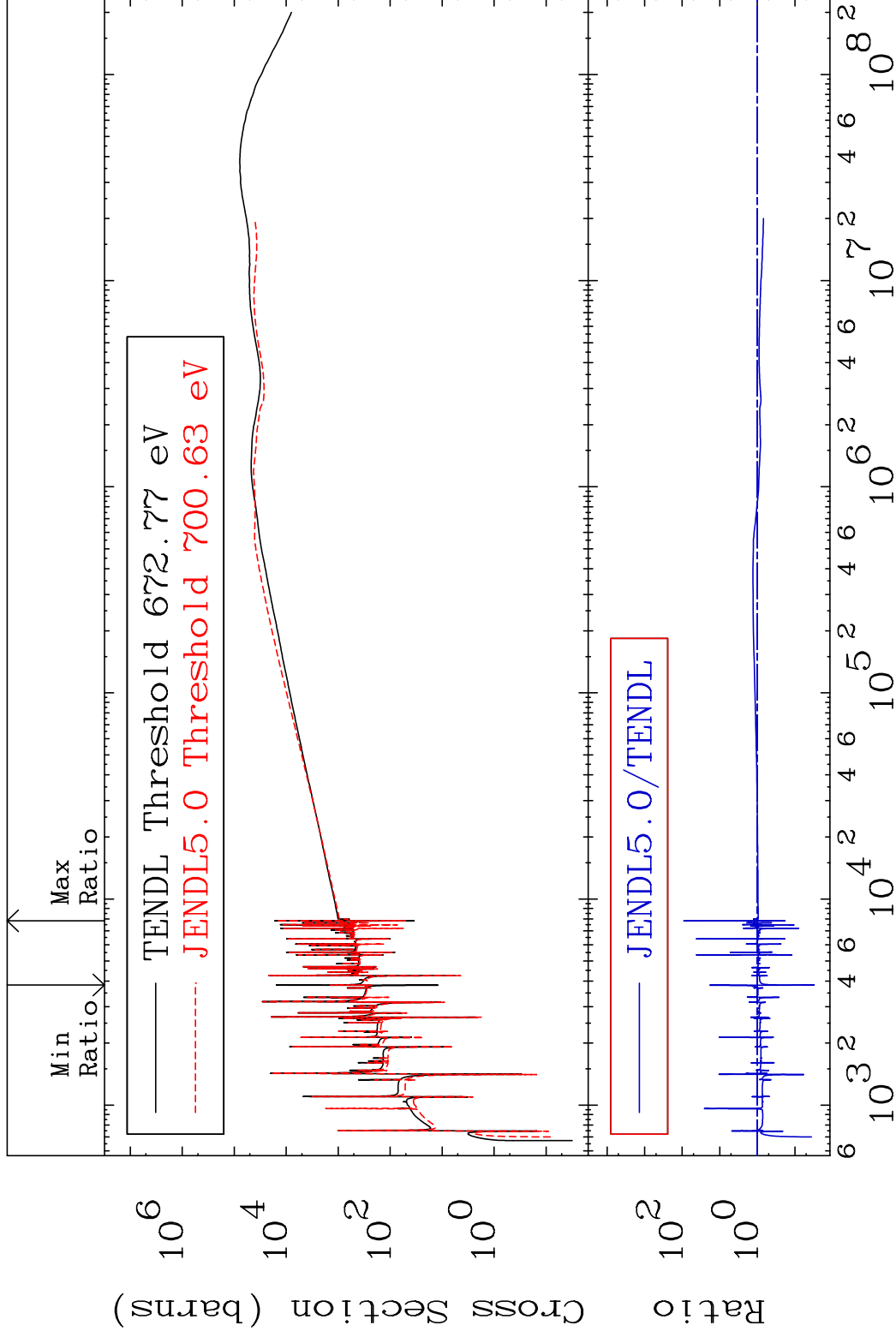


MAT 4849

Dpa elastic (mt2)

48-Cd-114

Cross Section -96.92 To 9047. %

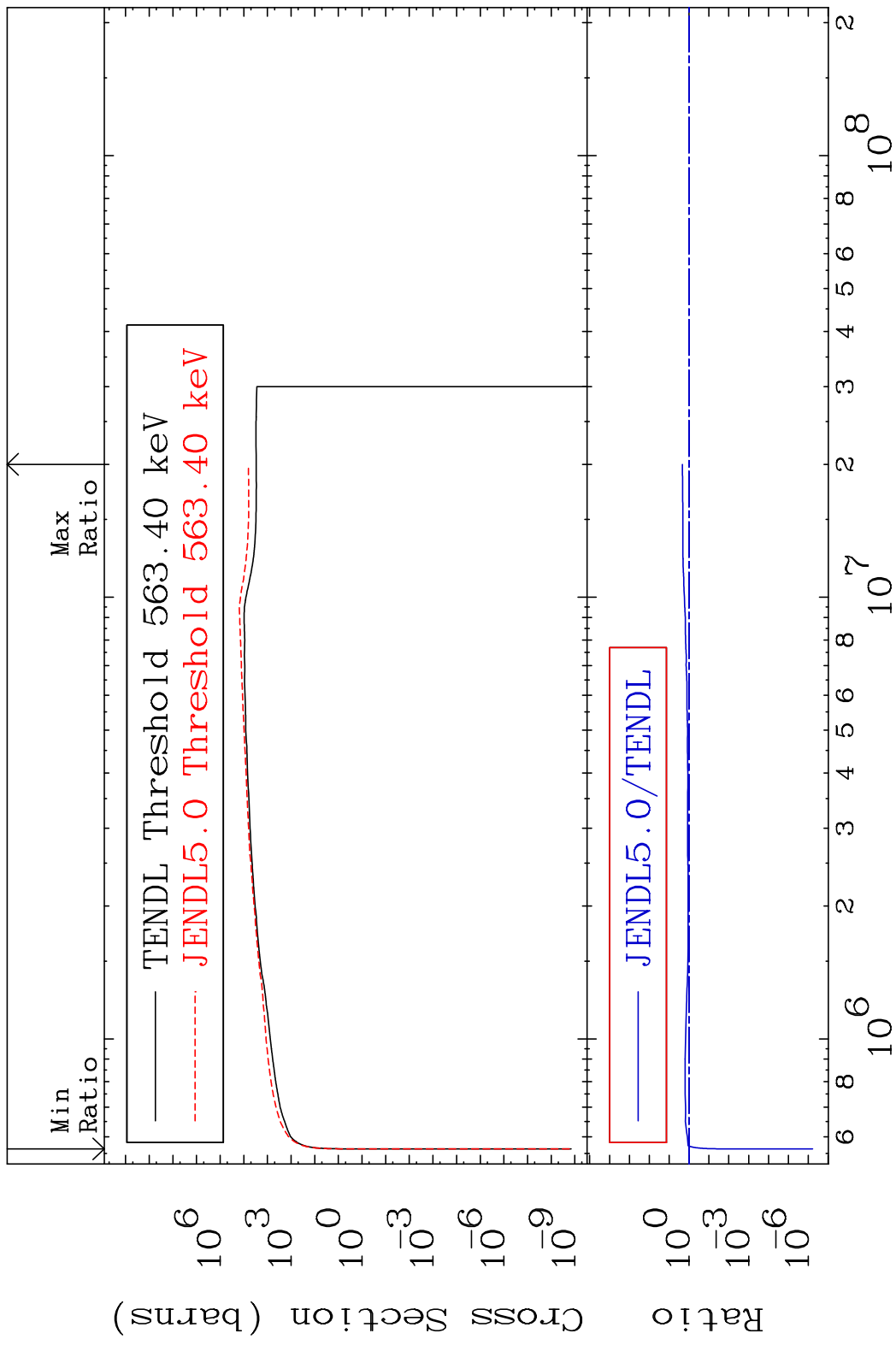


59

Incident Energy (eV)

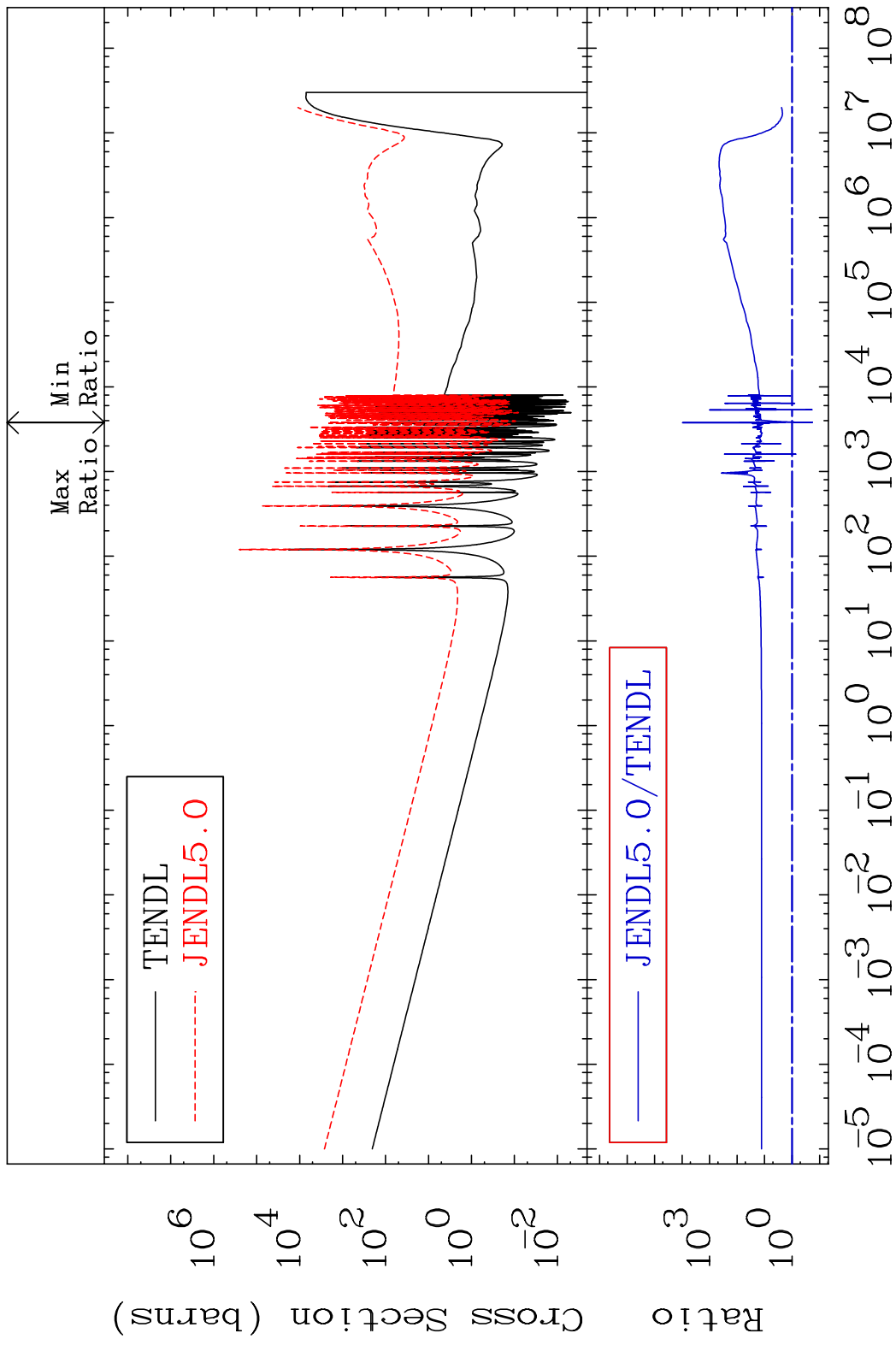
48-Cd-114

MAT 4849 Dpa inelastic (mt51-91) 48-Cd-114
 Cross Section -100.0 To 116.6 %

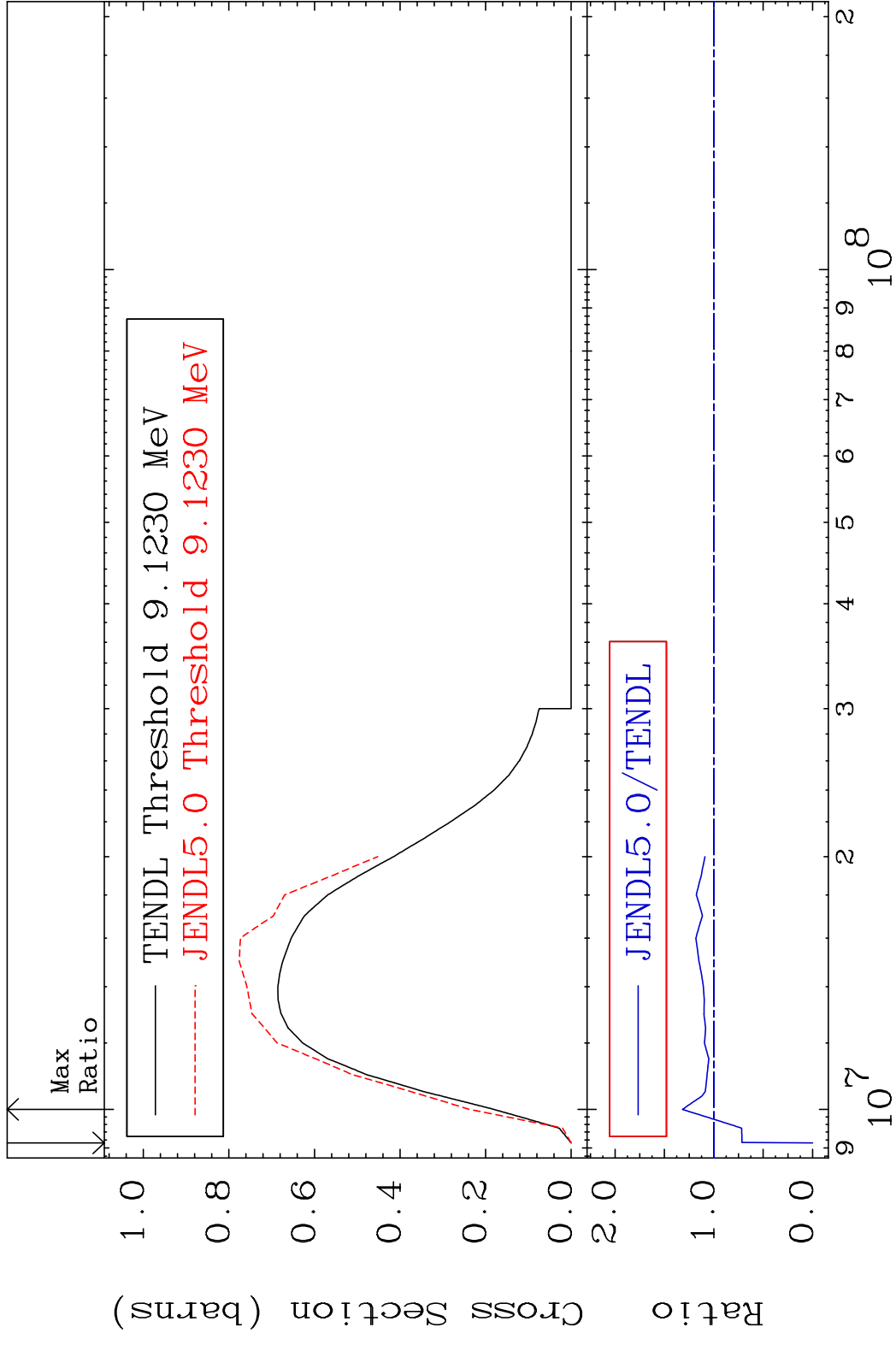


60 Incident Energy (eV) 48-Cd-114

MAT 4849 Dpa disappearance (mt102 -120) 48-Cd-114
 Cross Section -81.98 To 9999. %

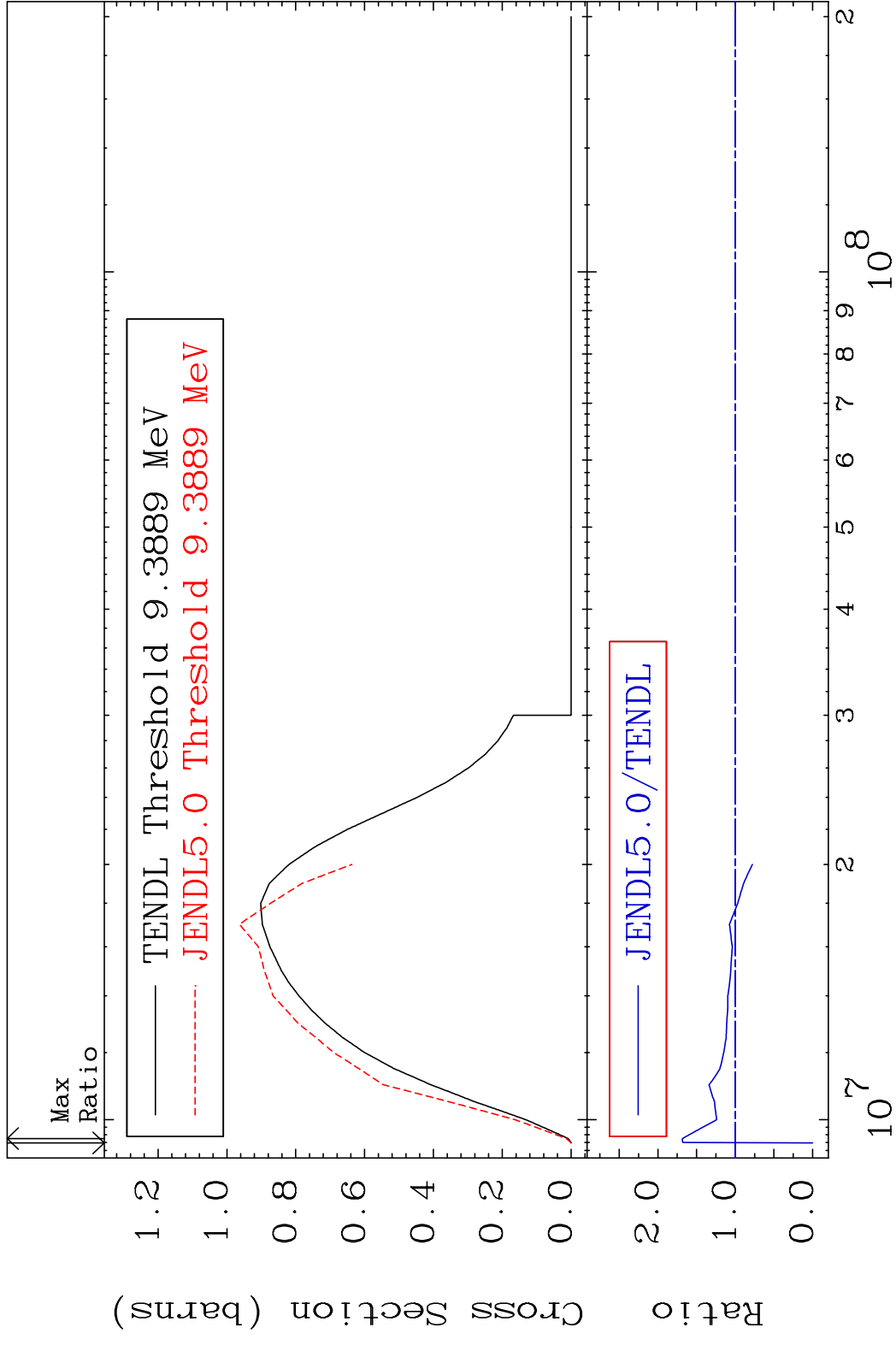


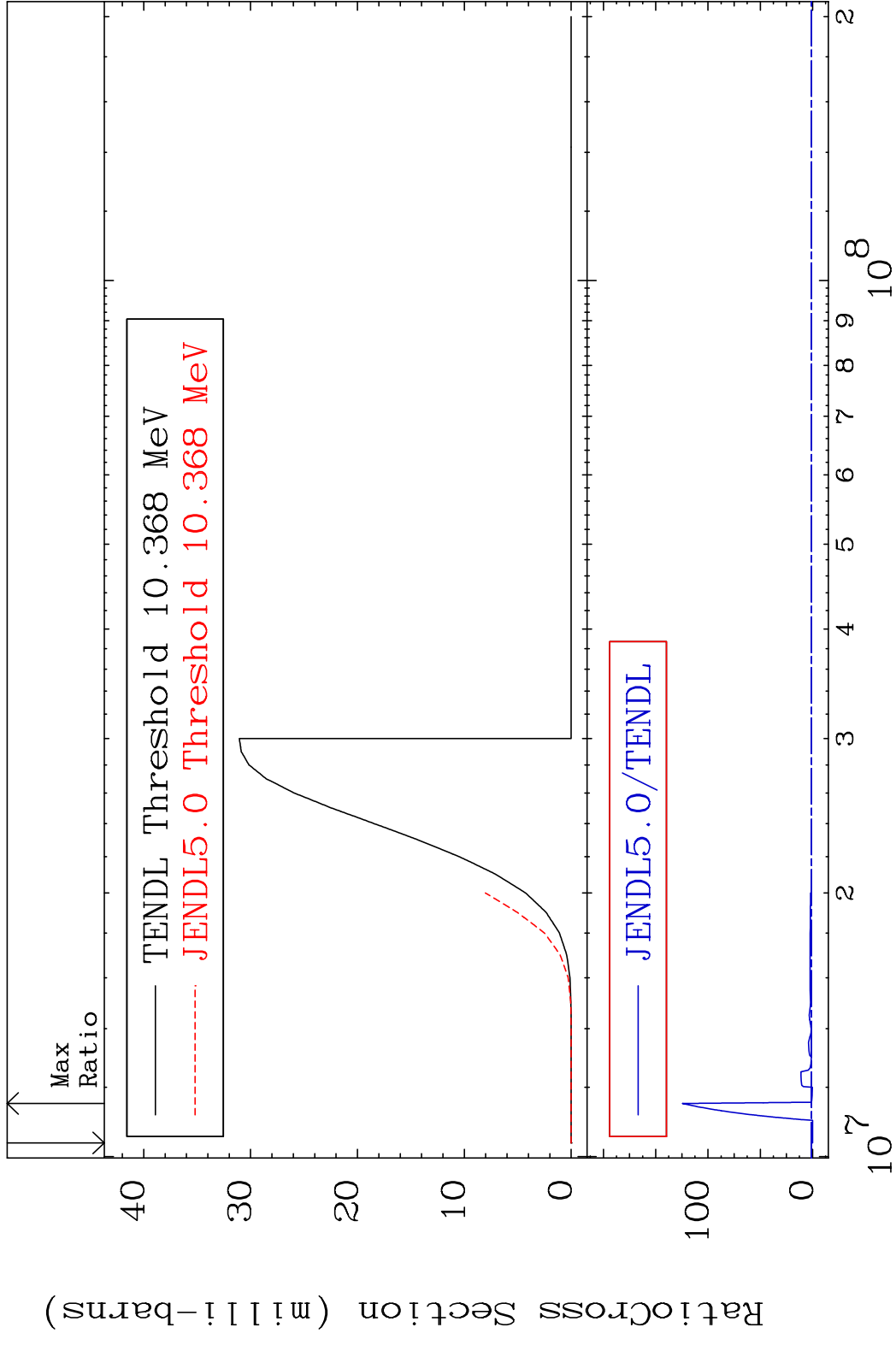
MAT 4849 (n,2n):48-Cd-113g 48-Cd-114
 Radionuclide Production Cross Section Ratio 31.87 %

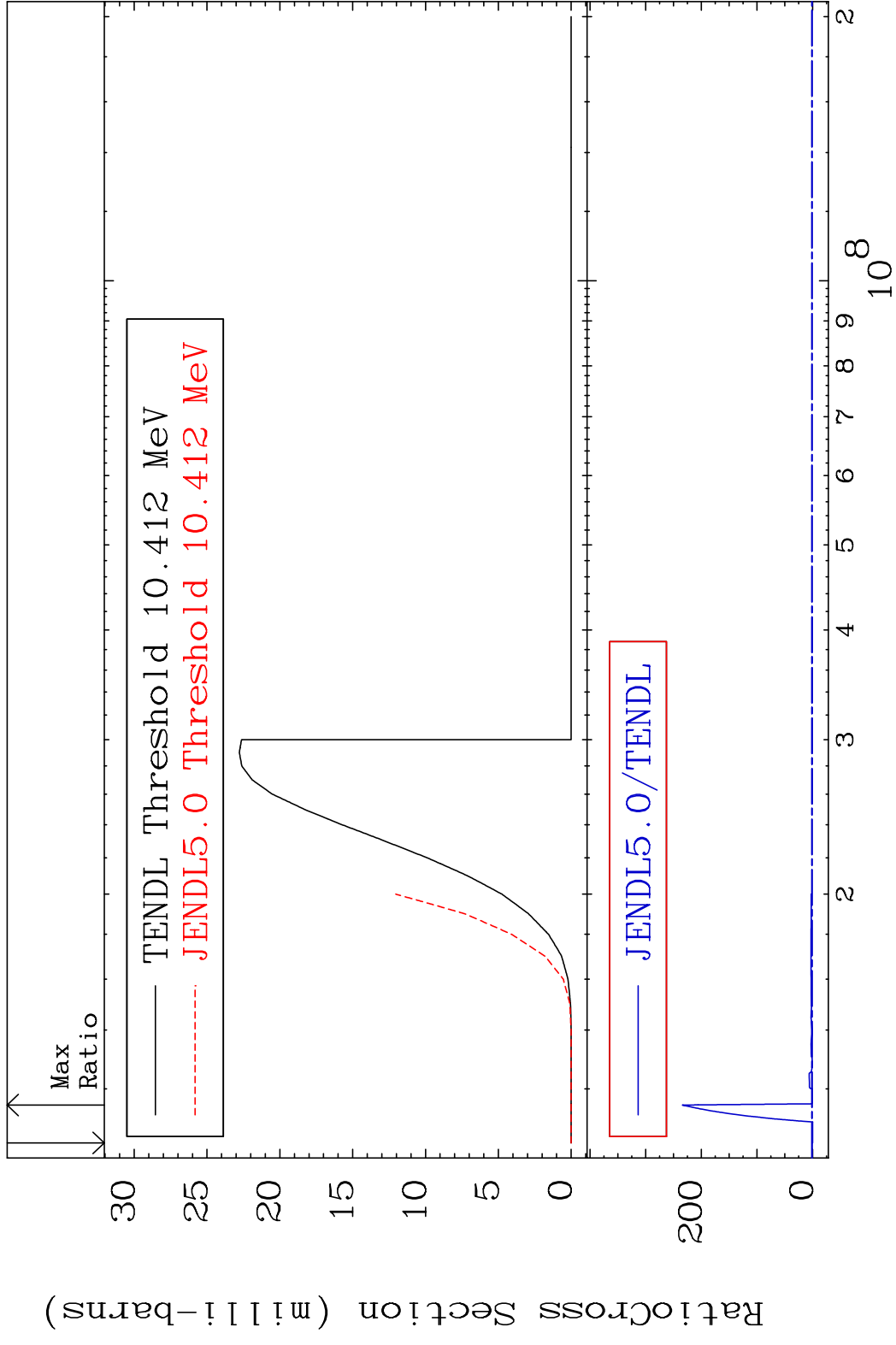


62 Incident Energy (eV) 48-Cd-114

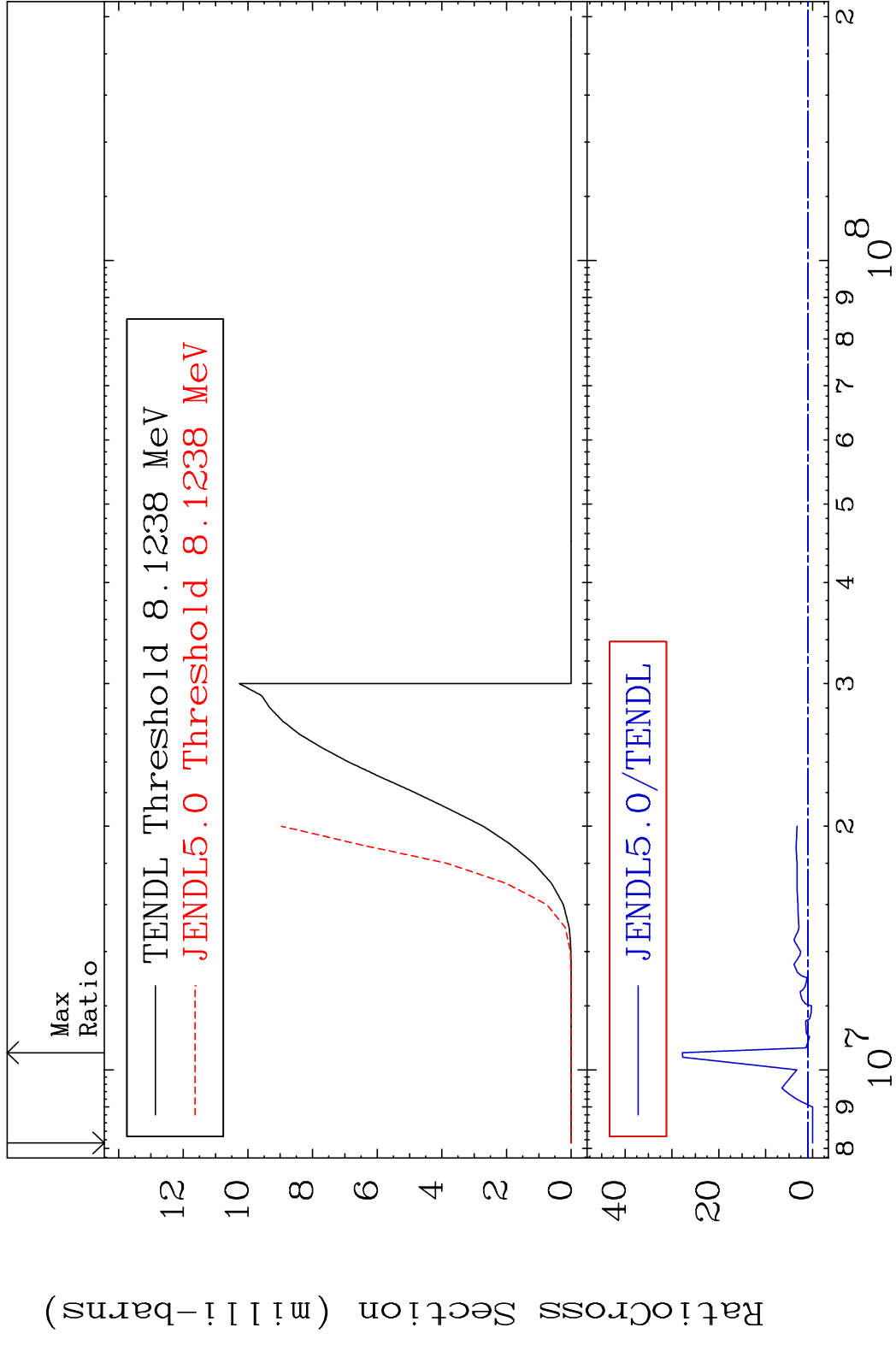
MAT 4849 (n,2n):48-Cd-113m1 48-Cd-114
 Radionuclide Production Cross Section Ratio 68.40 %







MAT 4849 (n, d): 47-Ag-113g 48-Cd-114
 Radionuclide Production Cross Section Ratio 2677. %



MAT 4849 (n,d):47-Ag-113m1 48-Cd-114
 Radionuclide Production Cross Section 520.0 %

