

Program Complot
(Version 2021-1)

by

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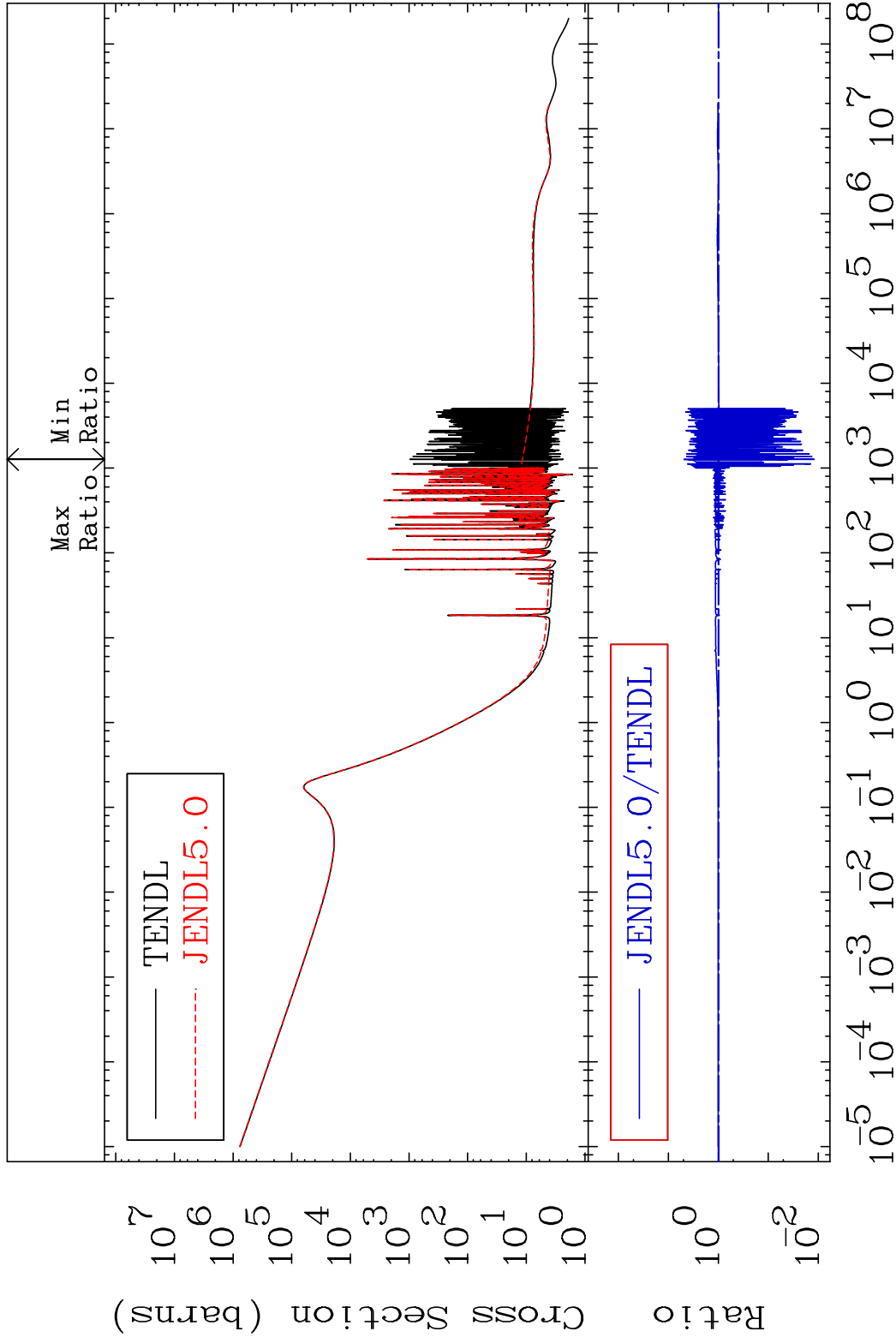
Press Mouse Button to Start

MAT 4846

Total

48-Cd-113

Cross Section -98.79 To 394.3 %



1

Incident Energy (eV)

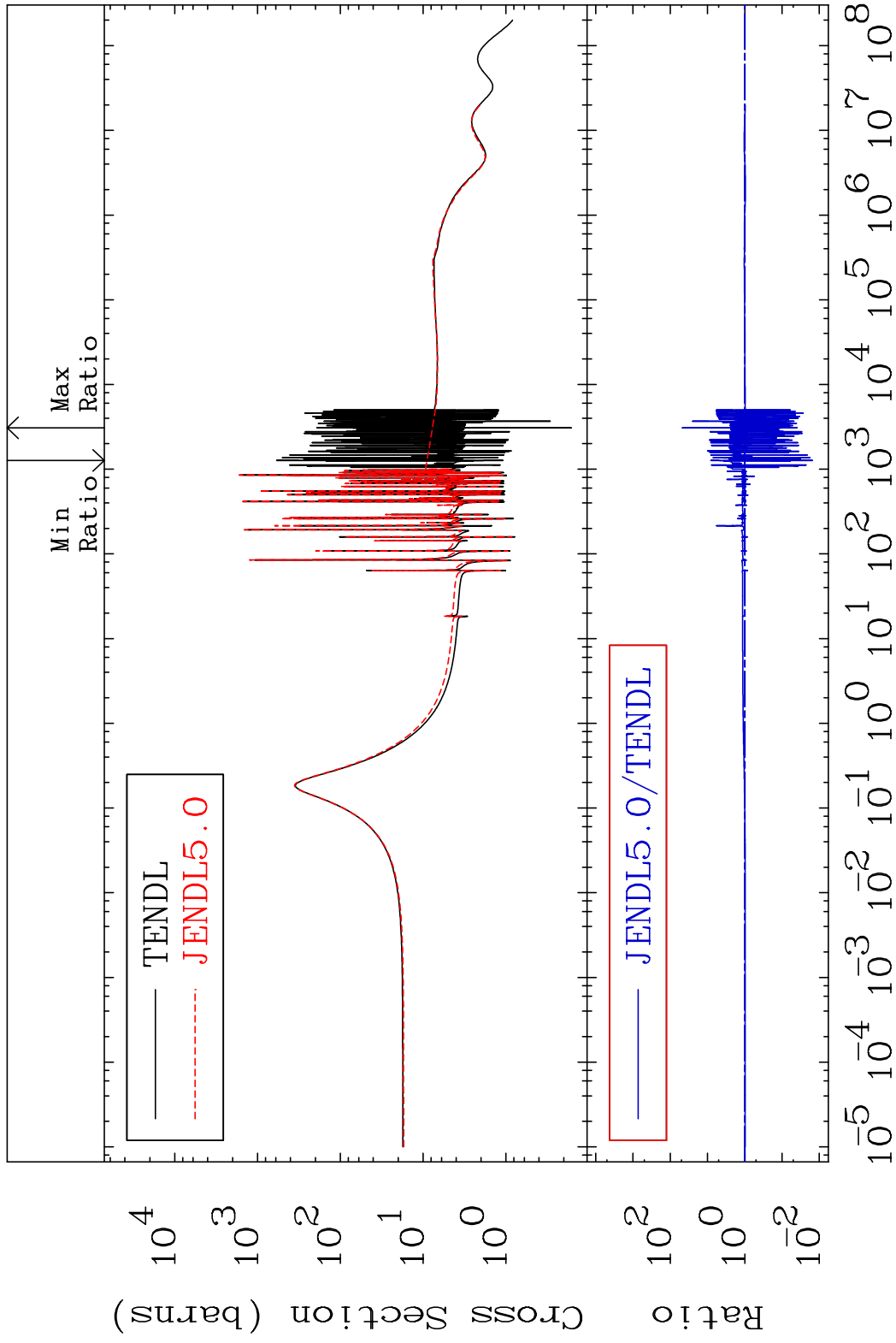
48-Cd-113

MAT 4846

Elastic

48-Cd-113

Cross Section -98.48 To 4638. %

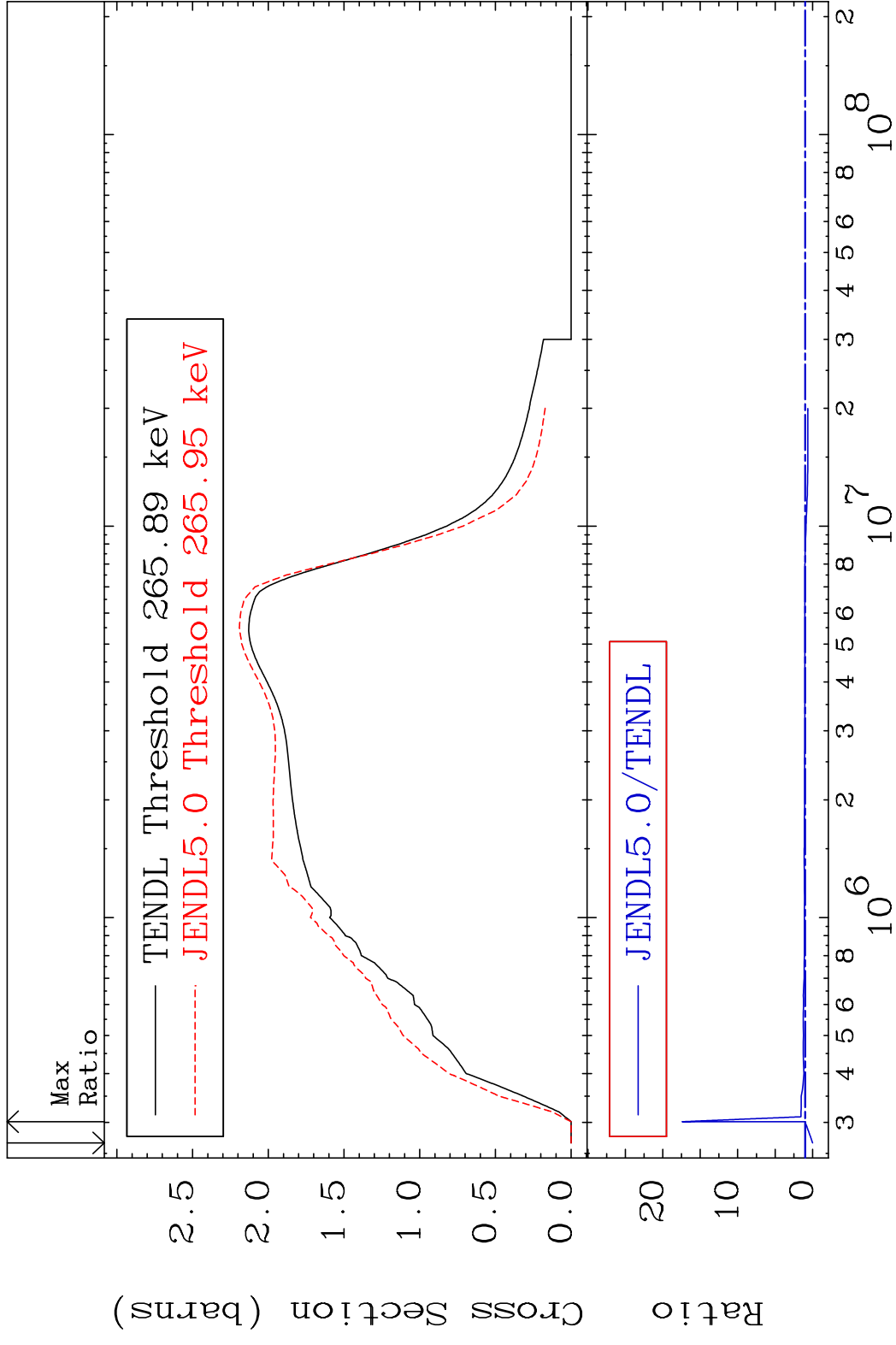


2

Incident Energy (eV)

48-Cd-113

MAT 4846 Inelastic 48-Cd-113
 Cross Section -100.0 To 1639. %

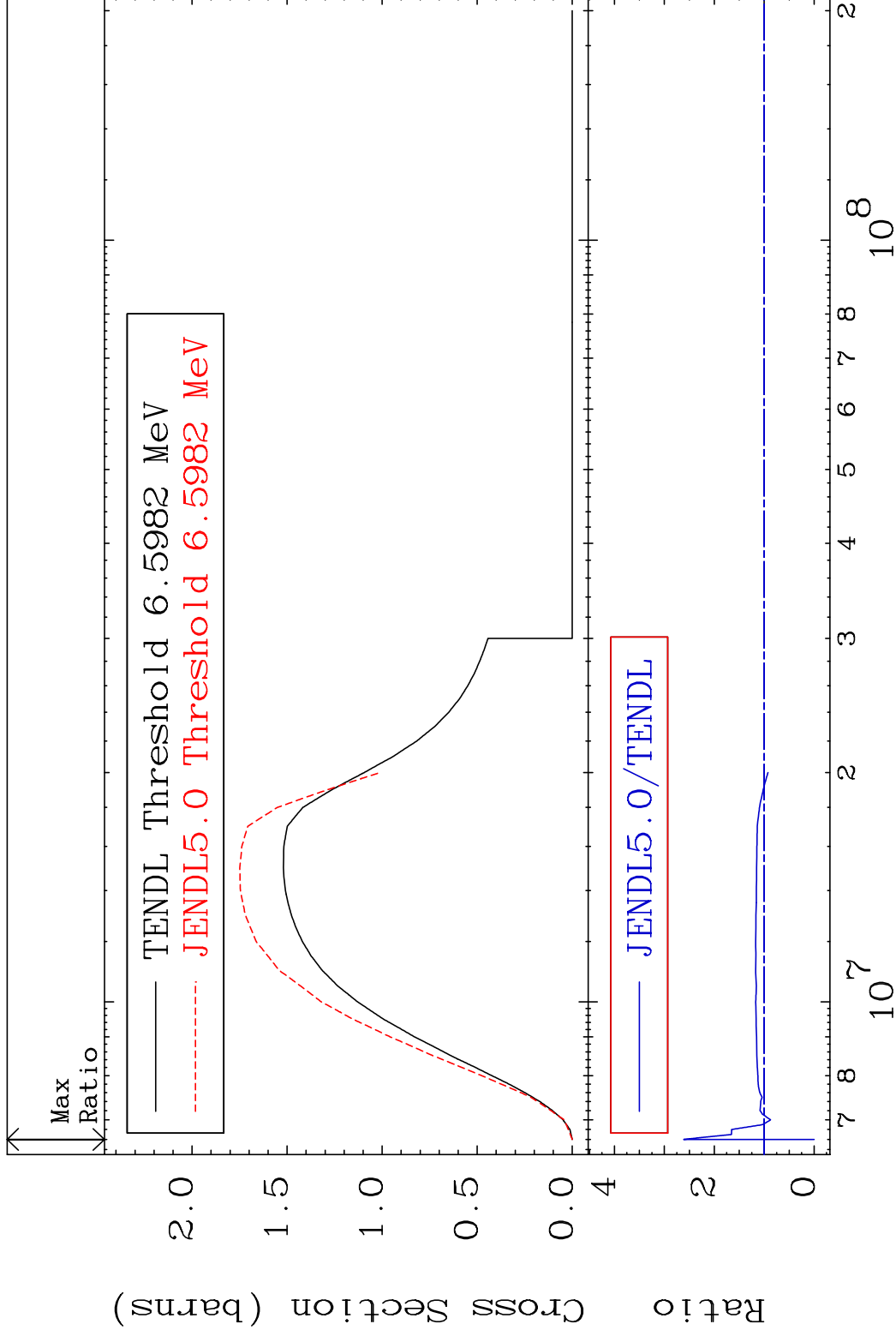


MAT 4846

(n,2n)

48-Cd-113

Cross Section -100.0 To 161.3 %



4

Incident Energy (eV)

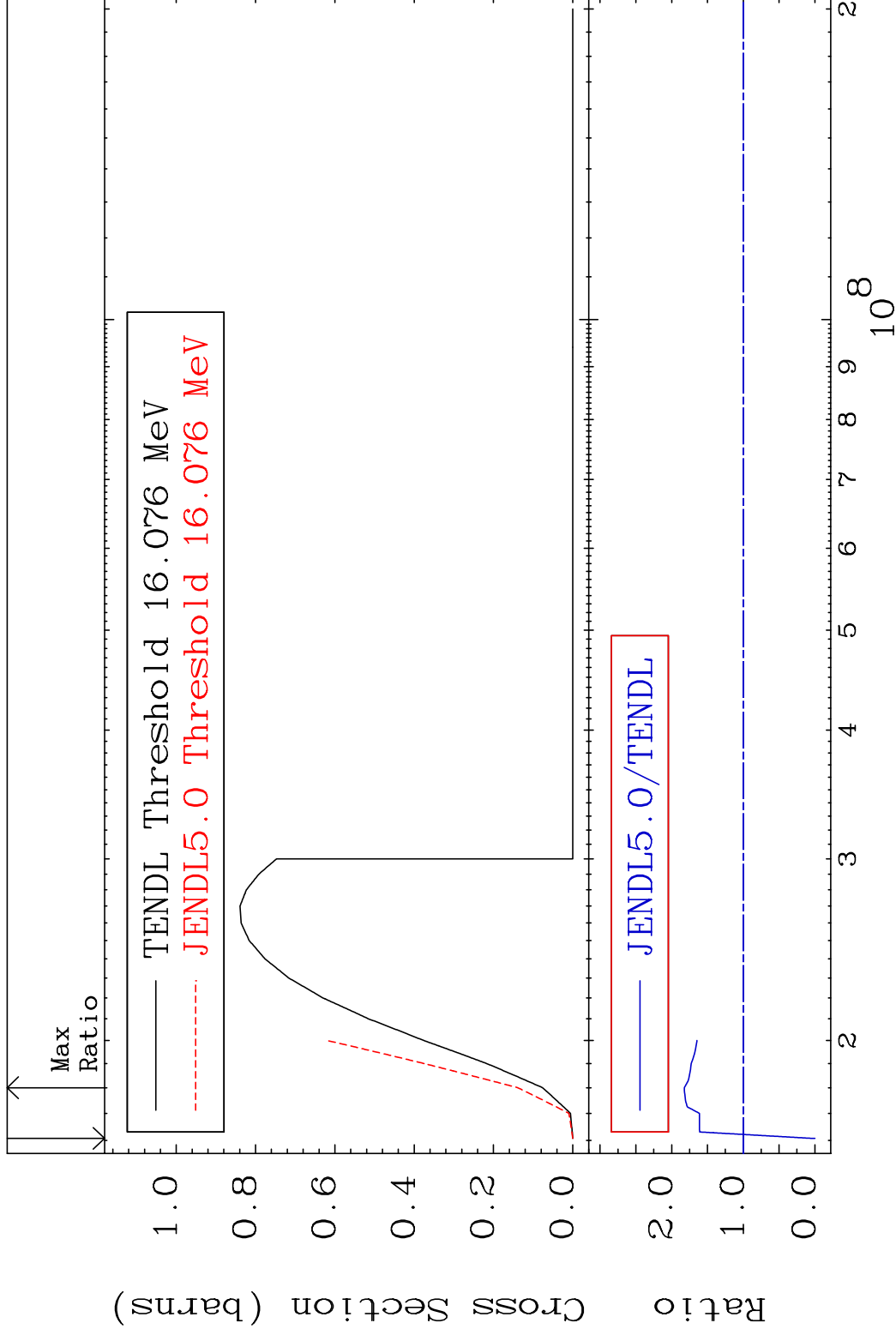
48-Cd-113

MAT 4846

(n,3n)

48-Cd-113

Cross Section -100.0 To 82.33 %



5

Incident Energy (eV)

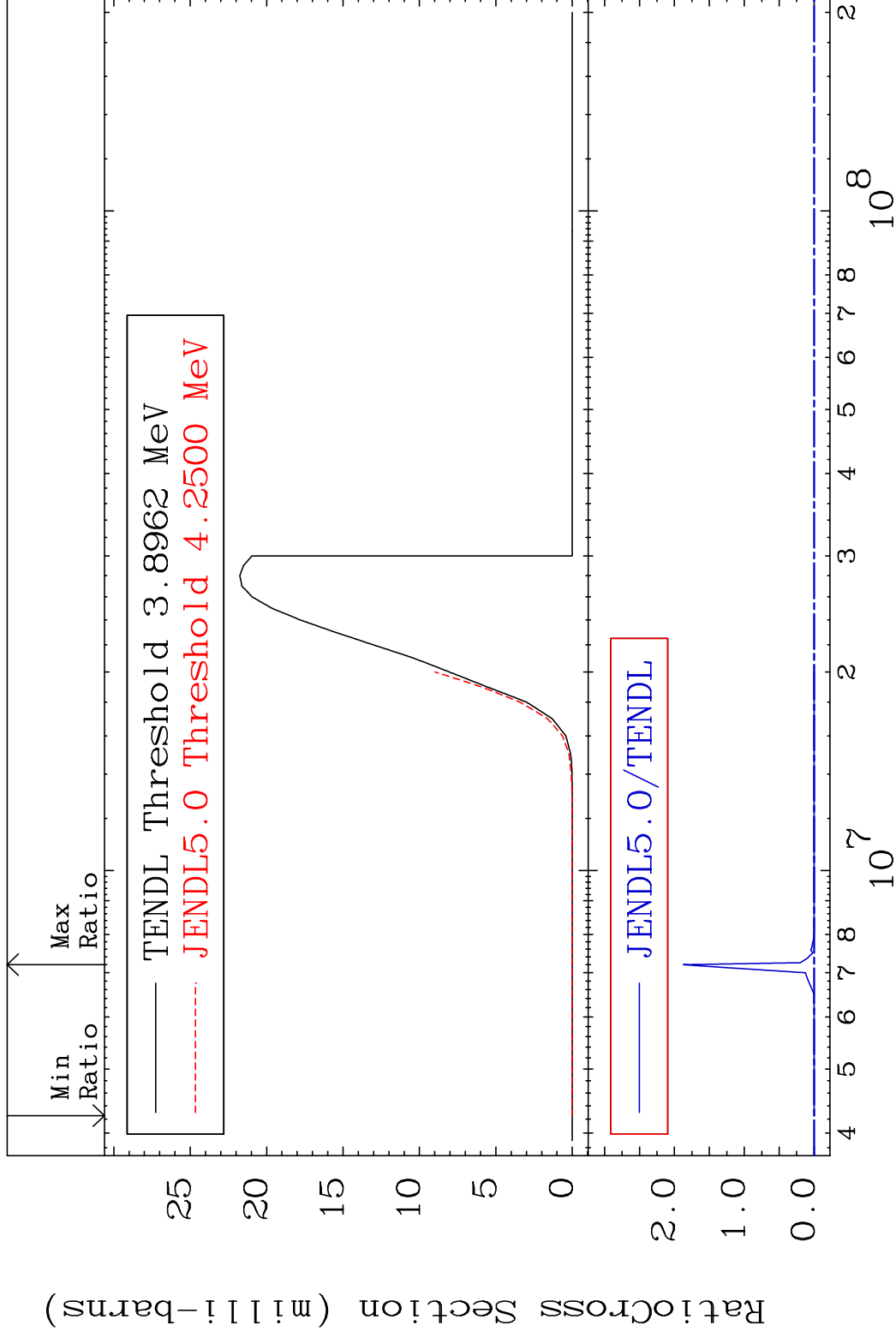
48-Cd-113

MAT 4846

(n, n') α

48-Cd-113

Cross Section -100.0 To 9999. %

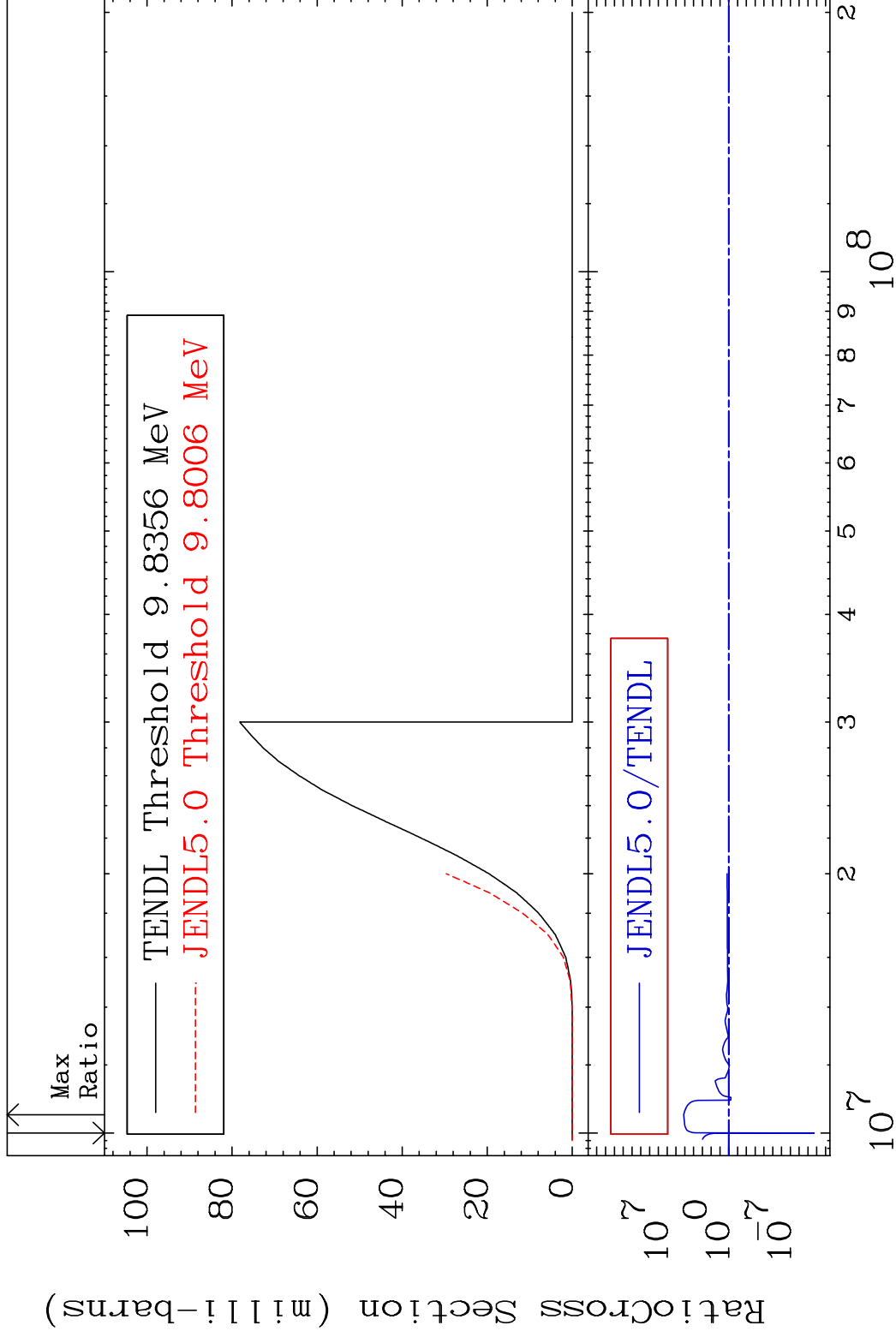


MAT 4846

(n, n') p

48-Cd-113

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

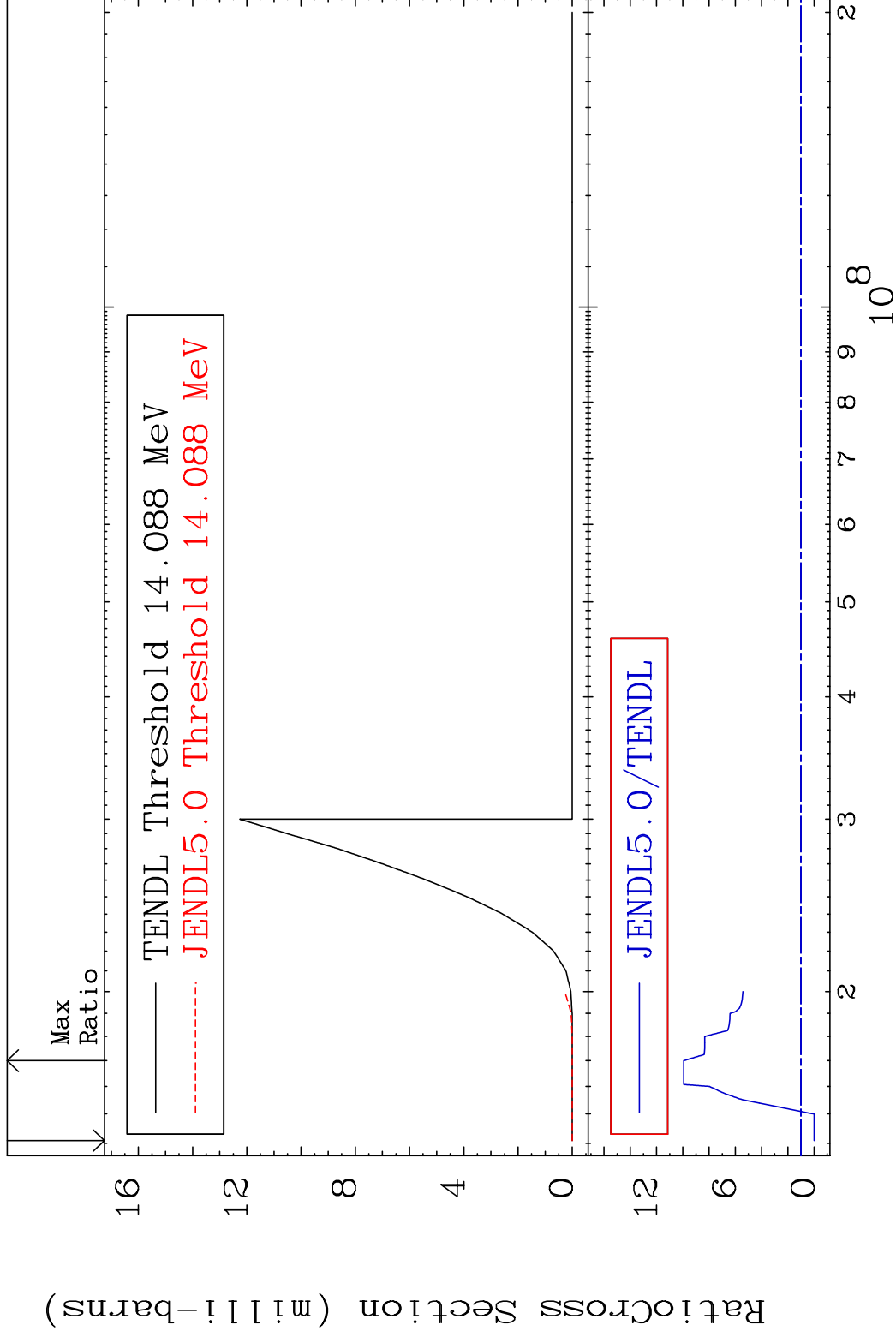
48-Cd-113

MAT 4846

(n, n') d

48-Cd-113

Cross Section -100.0 To 893.6 %

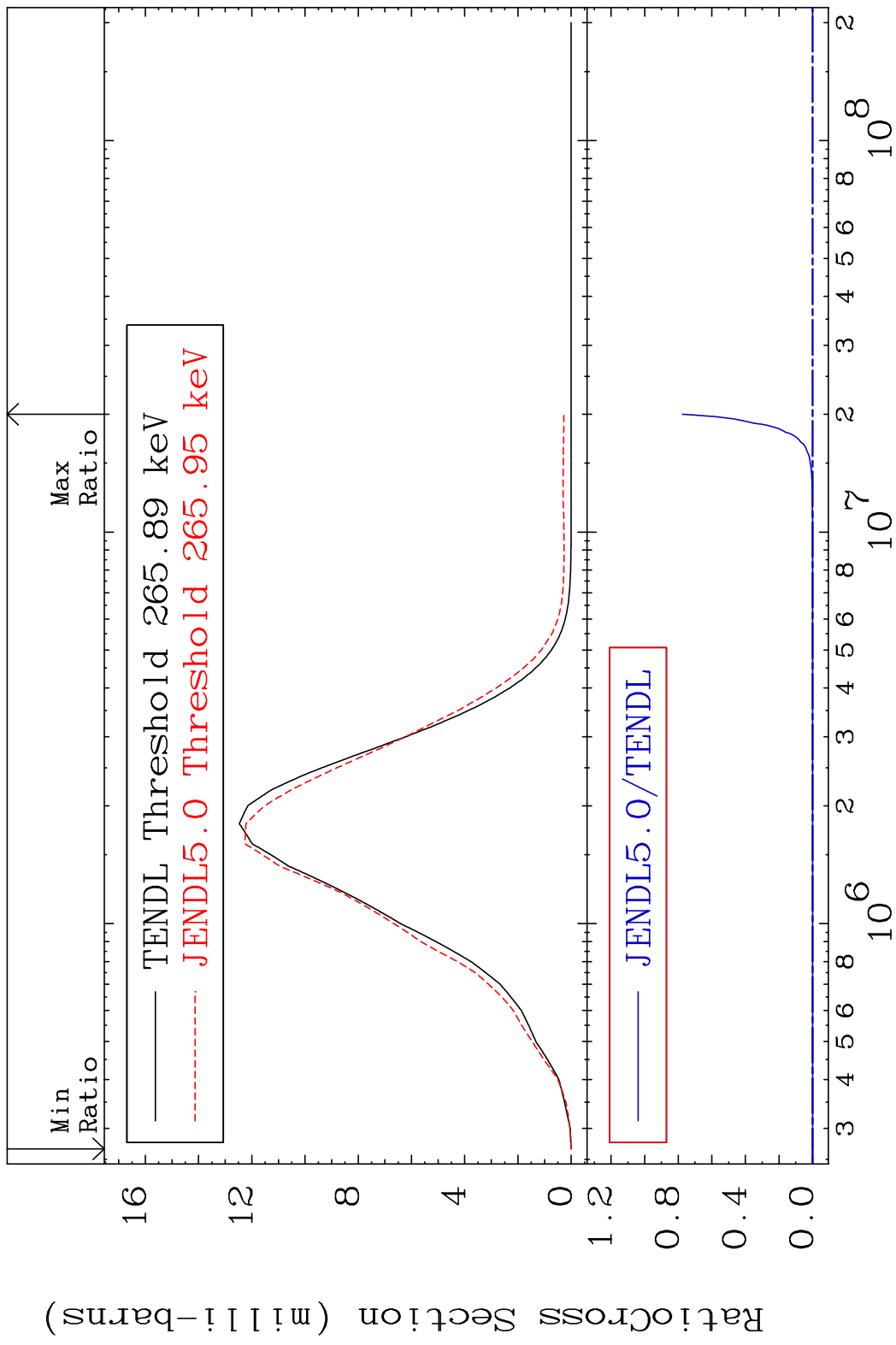


8

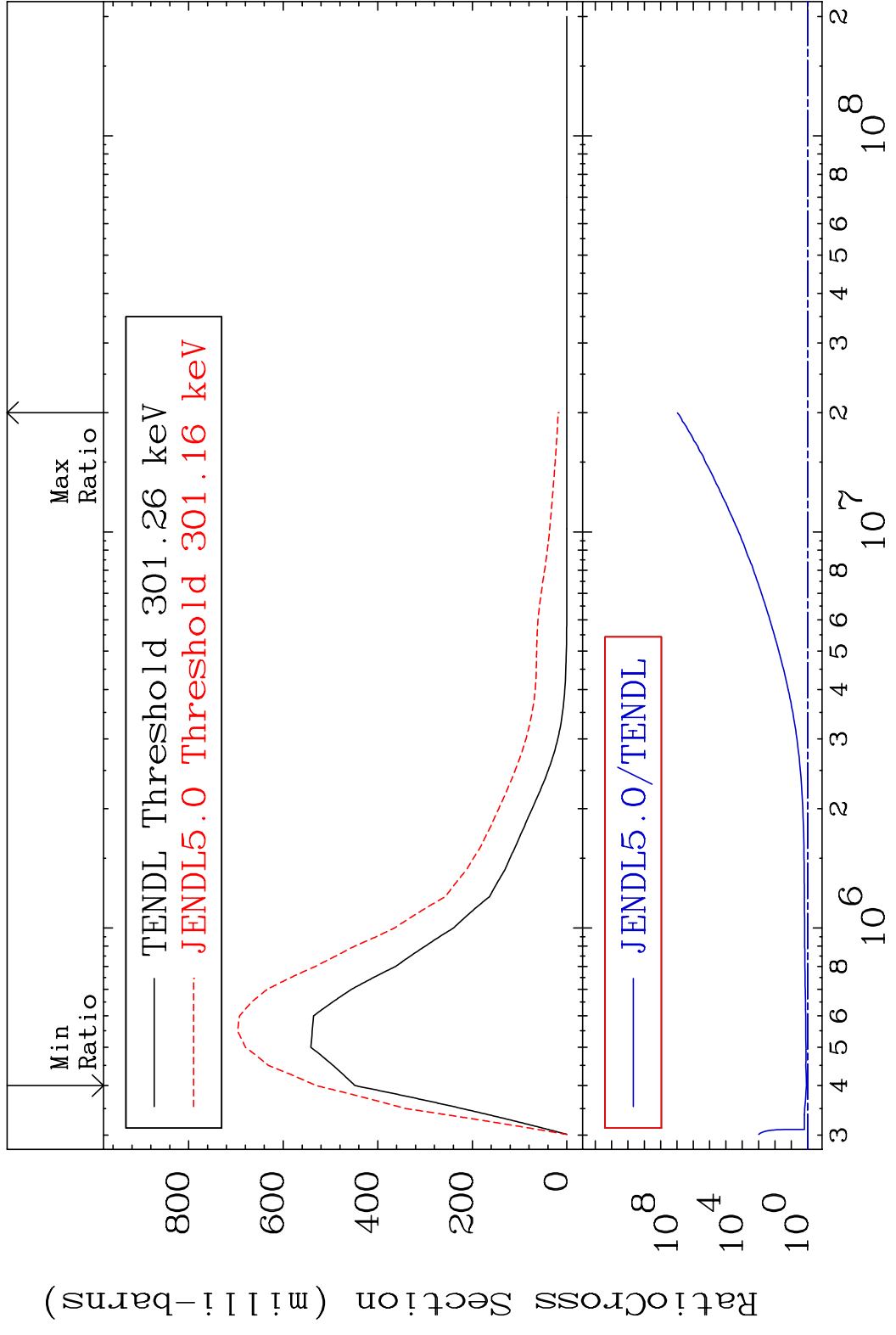
Incident Energy (eV)

48-Cd-113

MAT 4846 MT= 51 (n,n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

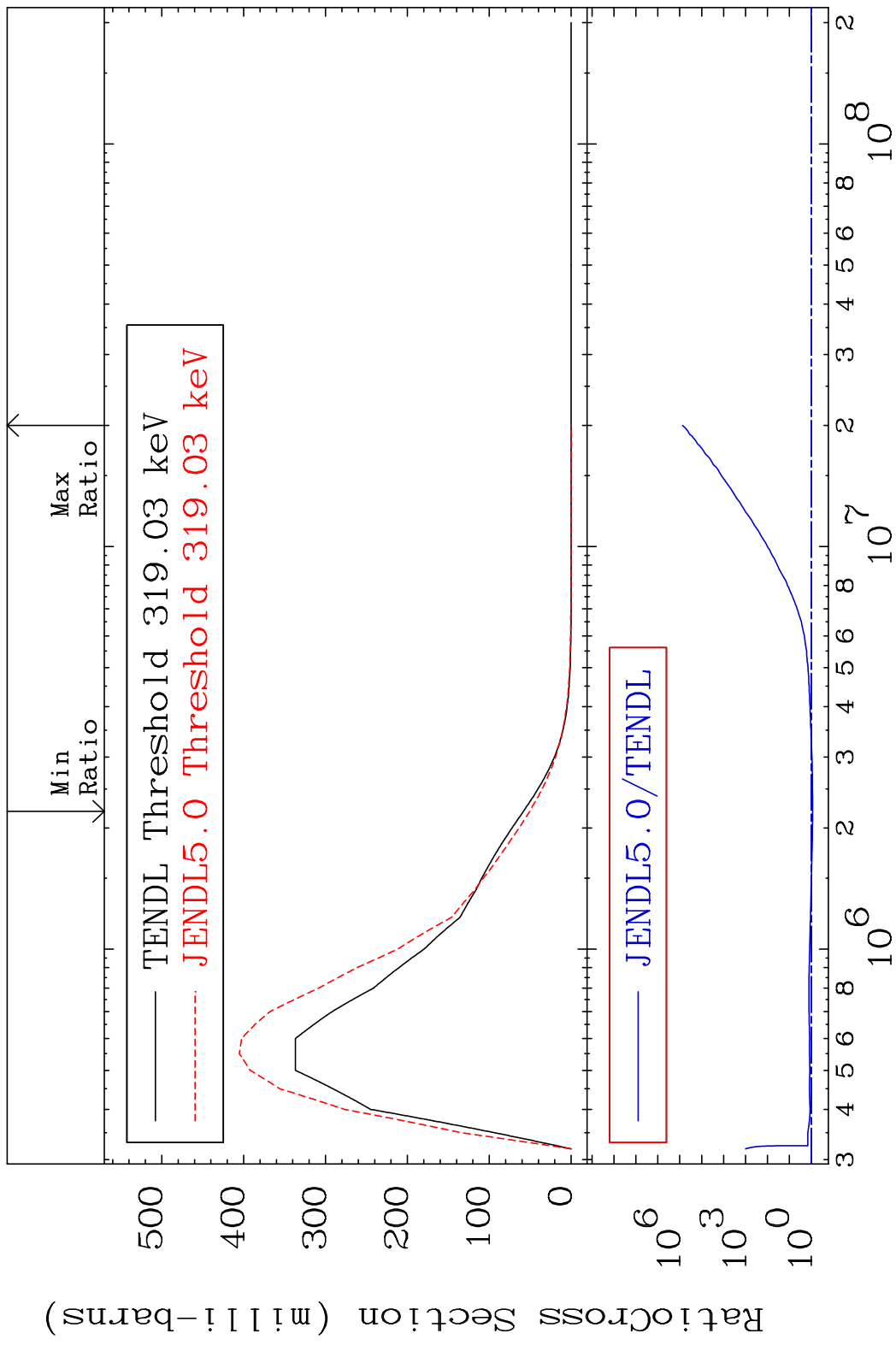


MAT 4846 MT= 52 (n,n') Level 48-Cd-113
 Cross Section 18.23 To 9999. %

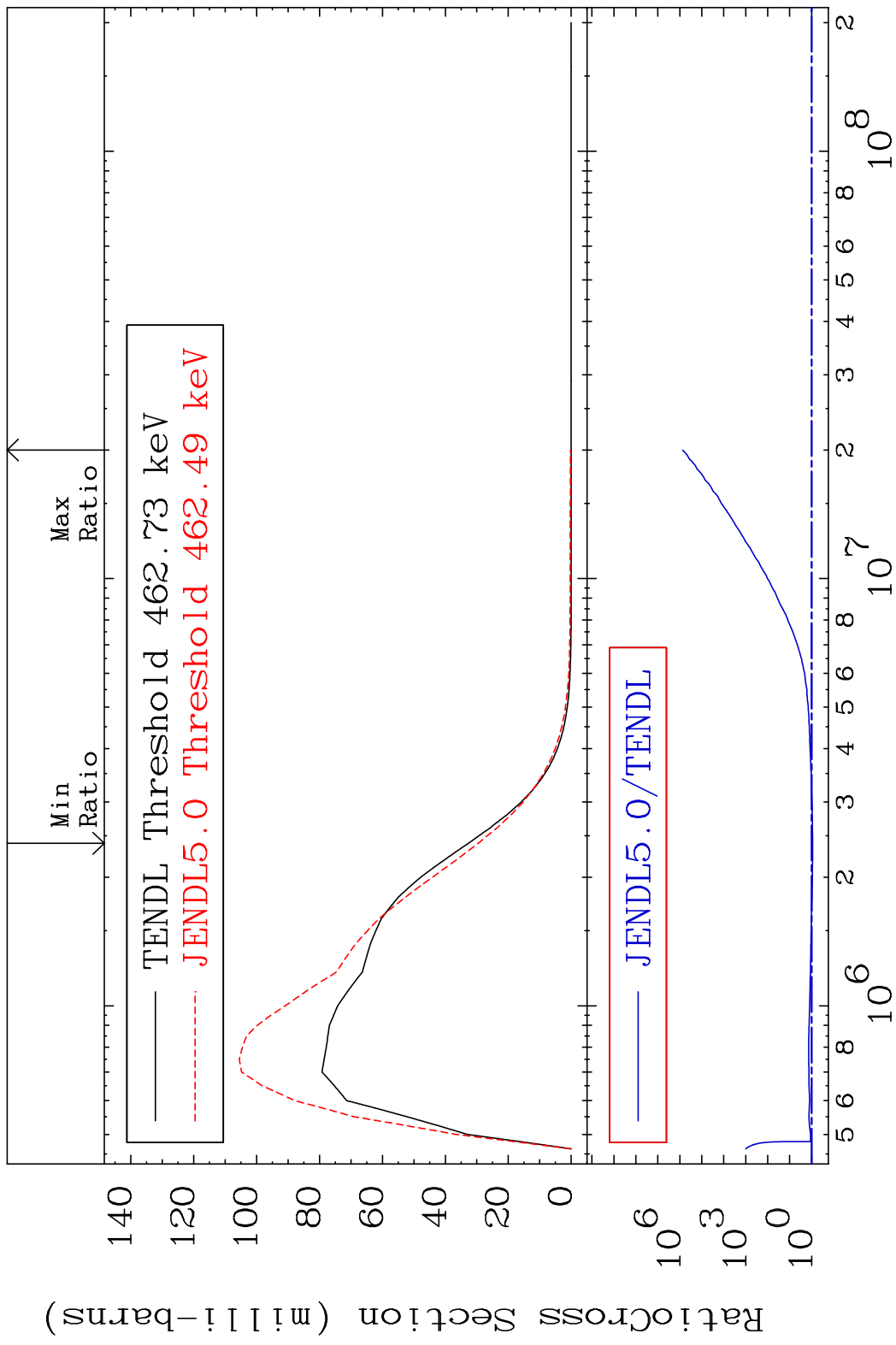


10 Incident Energy (eV) 48-Cd-113

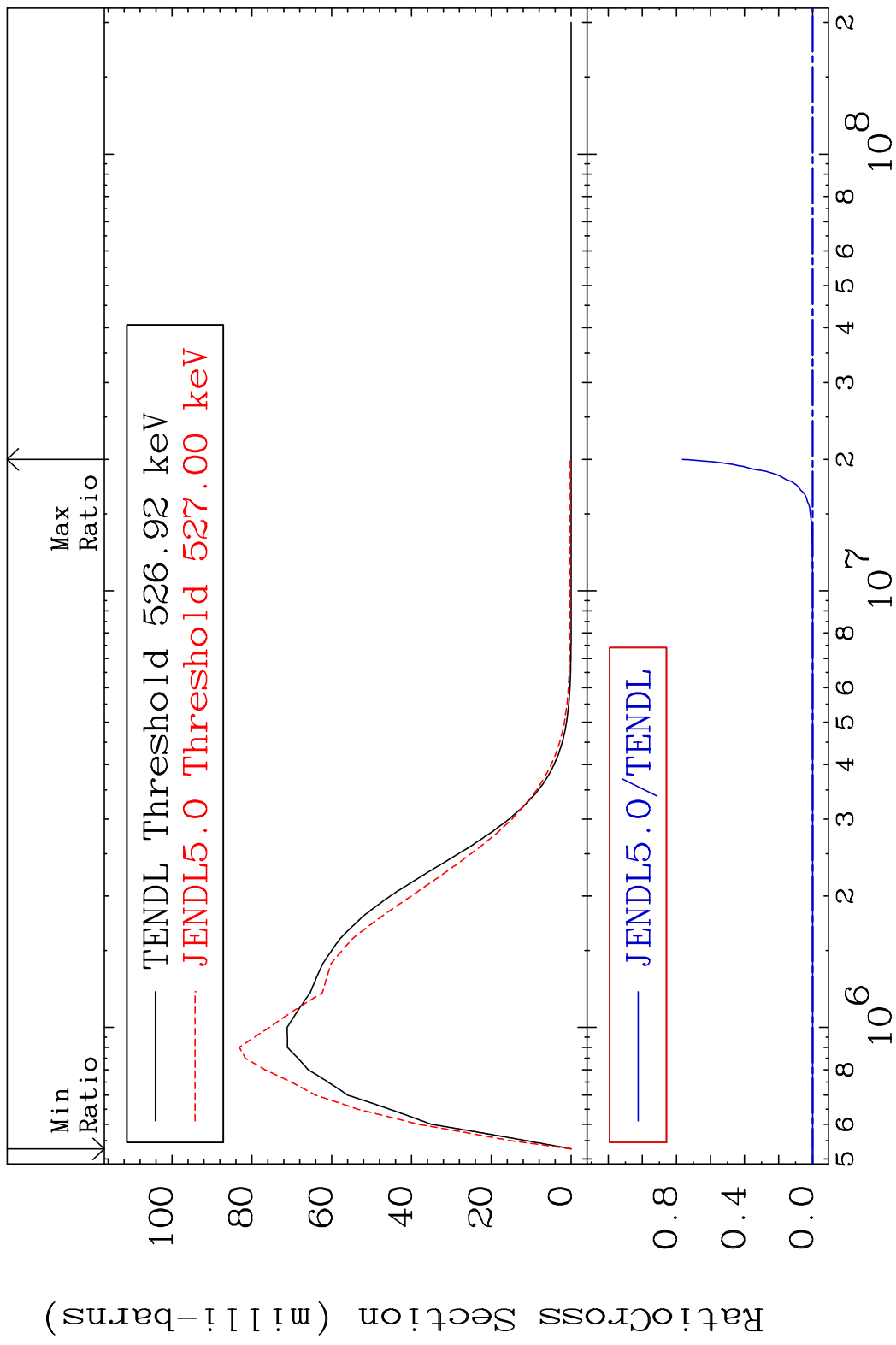
MAT 4846 MT= 53 (n,n') Level 48-Cd-113
 Cross Section -13.01 To 9999. %



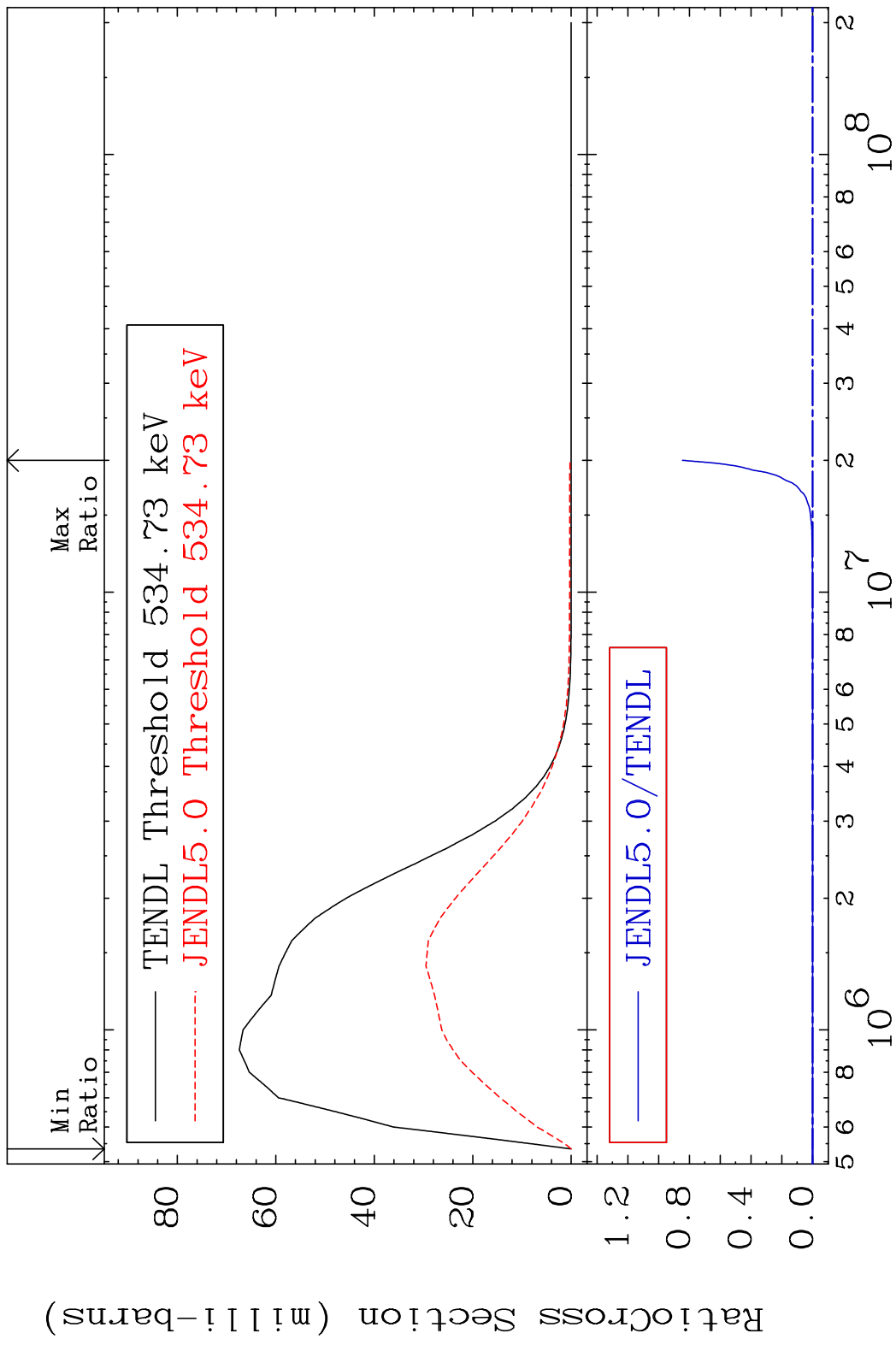
MAT 4846 MT= 54 (n, n') Level 48-Cd-113
 Cross Section -9.624 To 9999. %



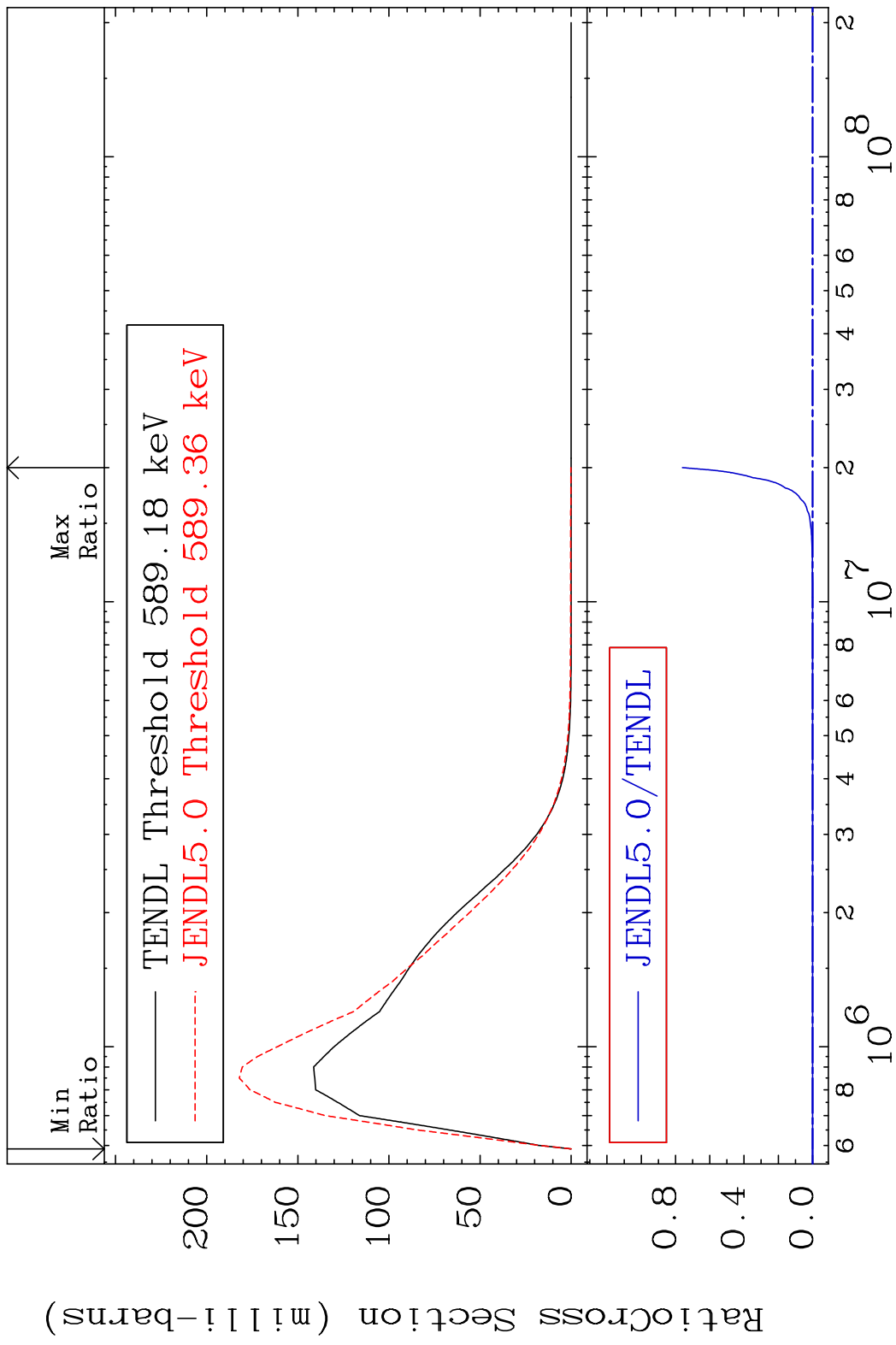
MAT 4846 MT= 55 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



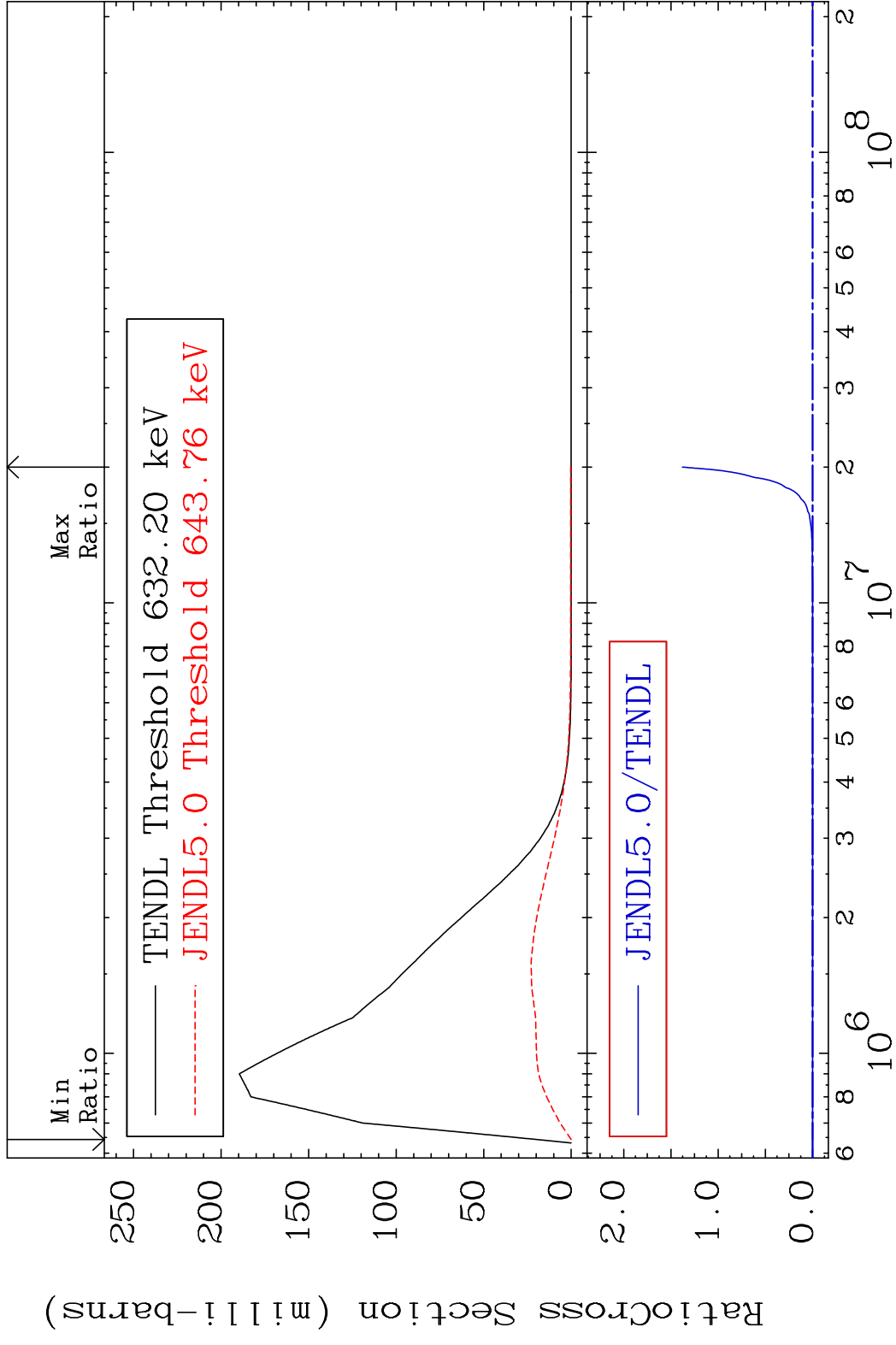
MAT 4846 MT= 56 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



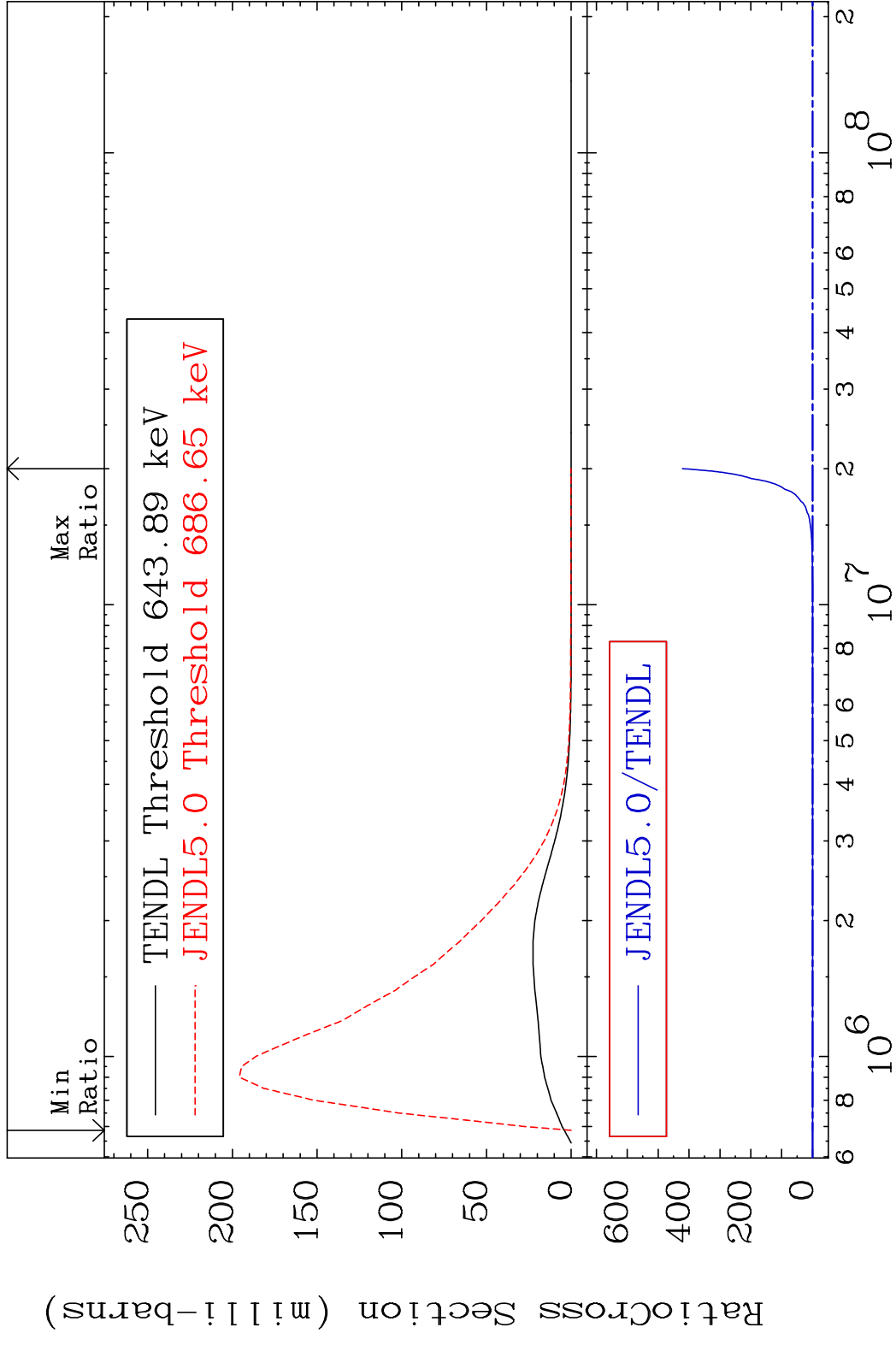
MAT 4846 MT= 57 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



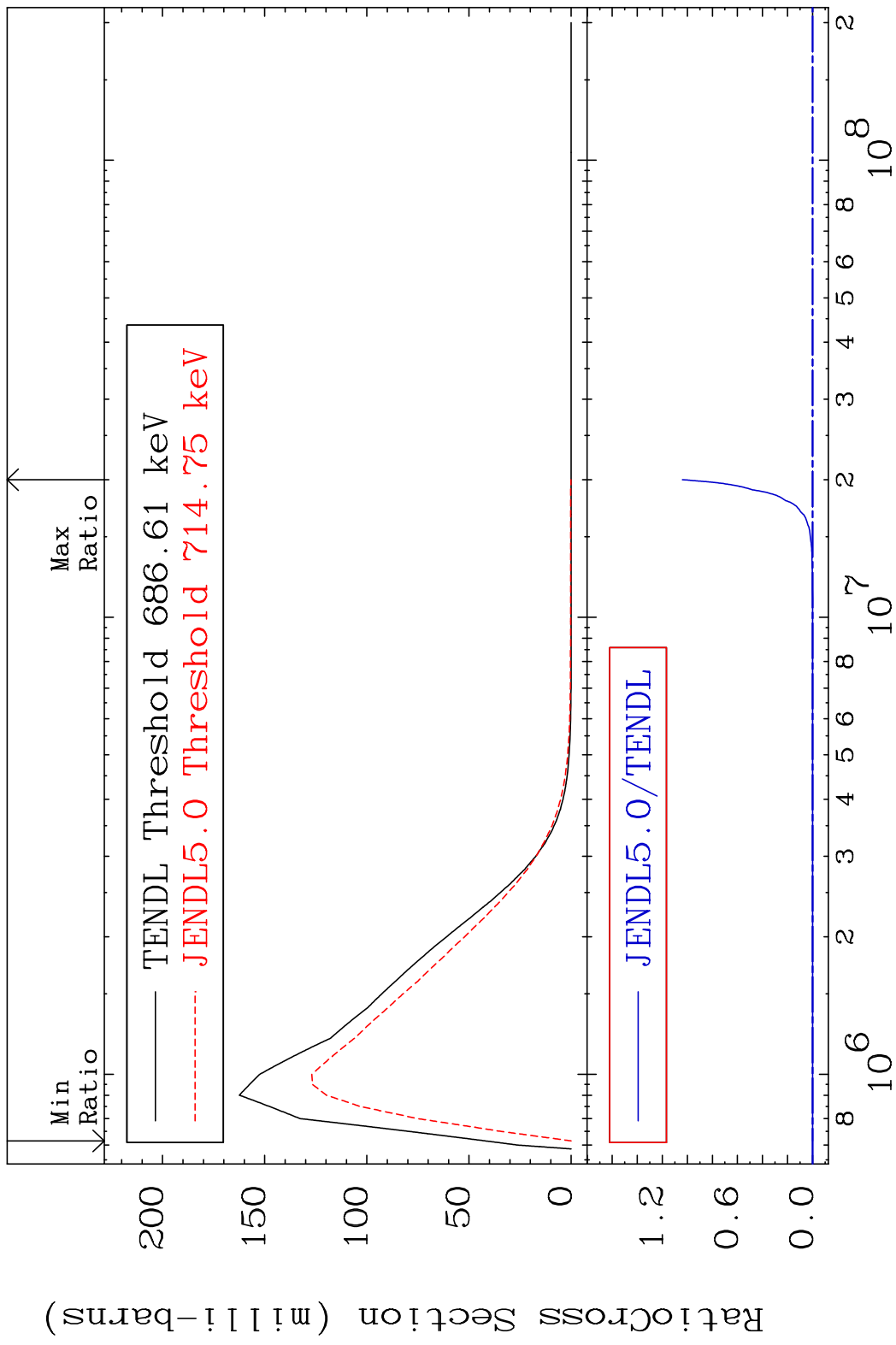
MAT 4846 MT= 58 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



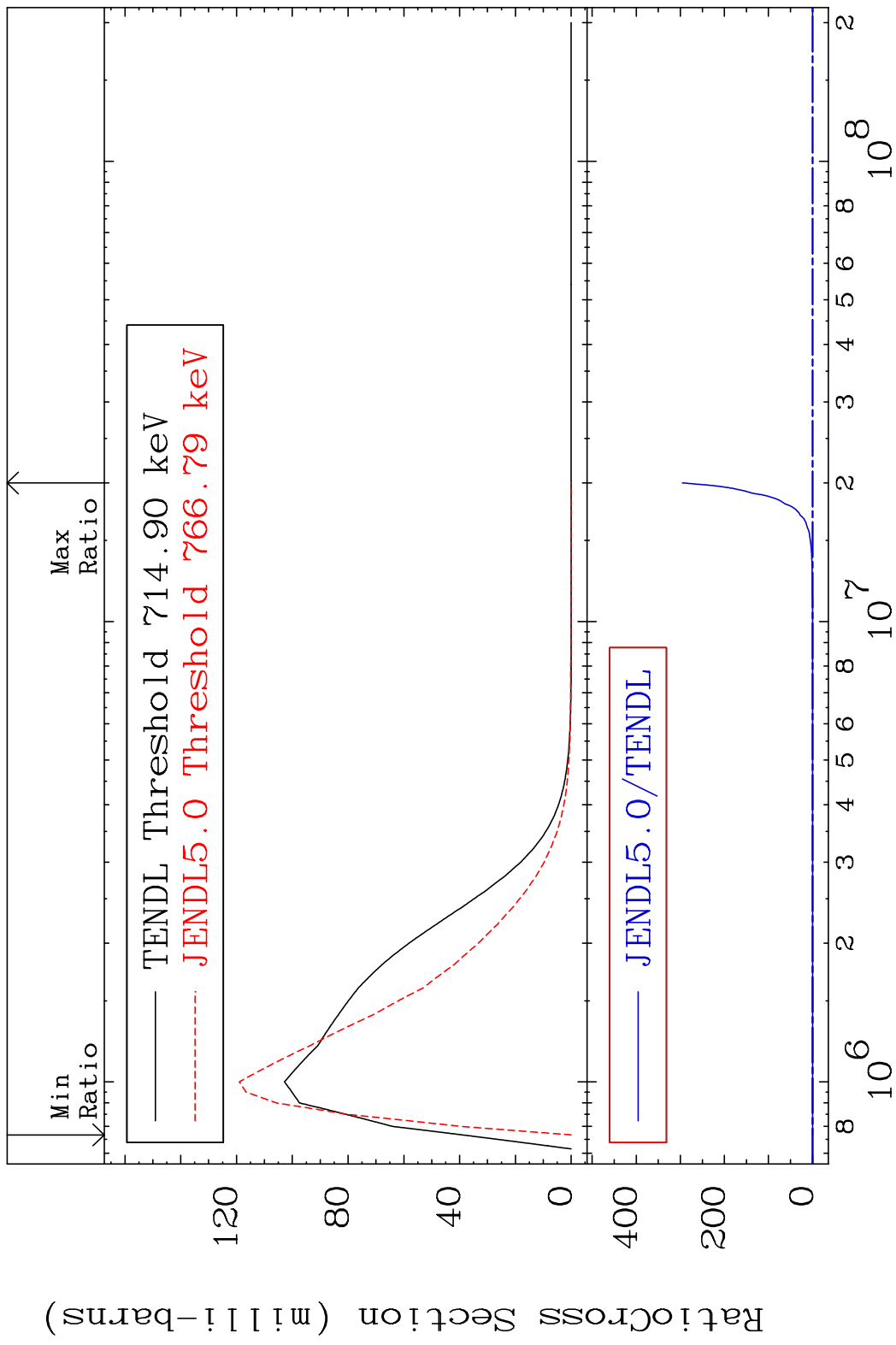
MAT 4846 MT= 59 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846 MT= 60 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

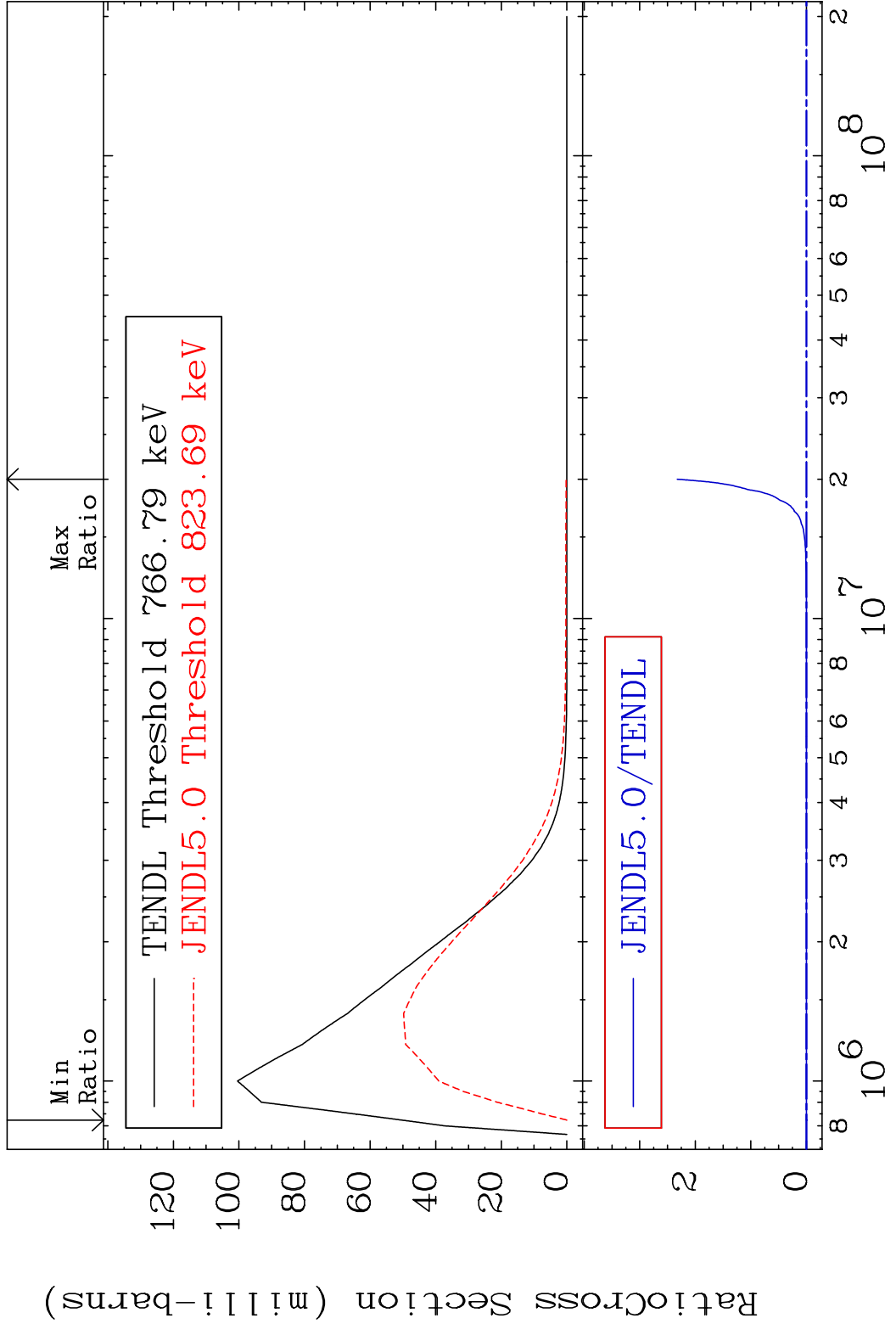


MAT 4846 MT= 61 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



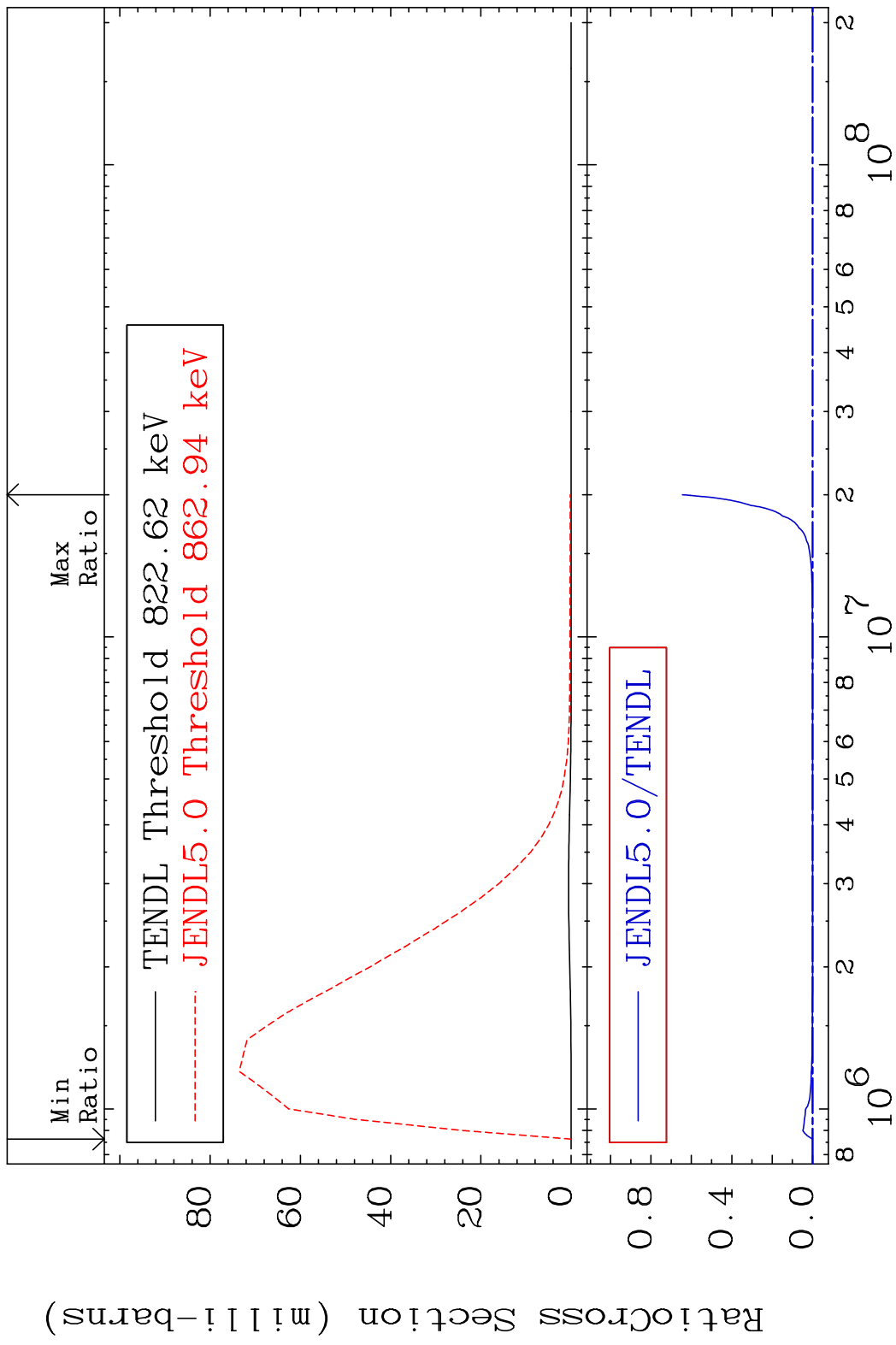
19 Incident Energy (eV) 48-Cd-113

MAT 4846 MT= 62 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



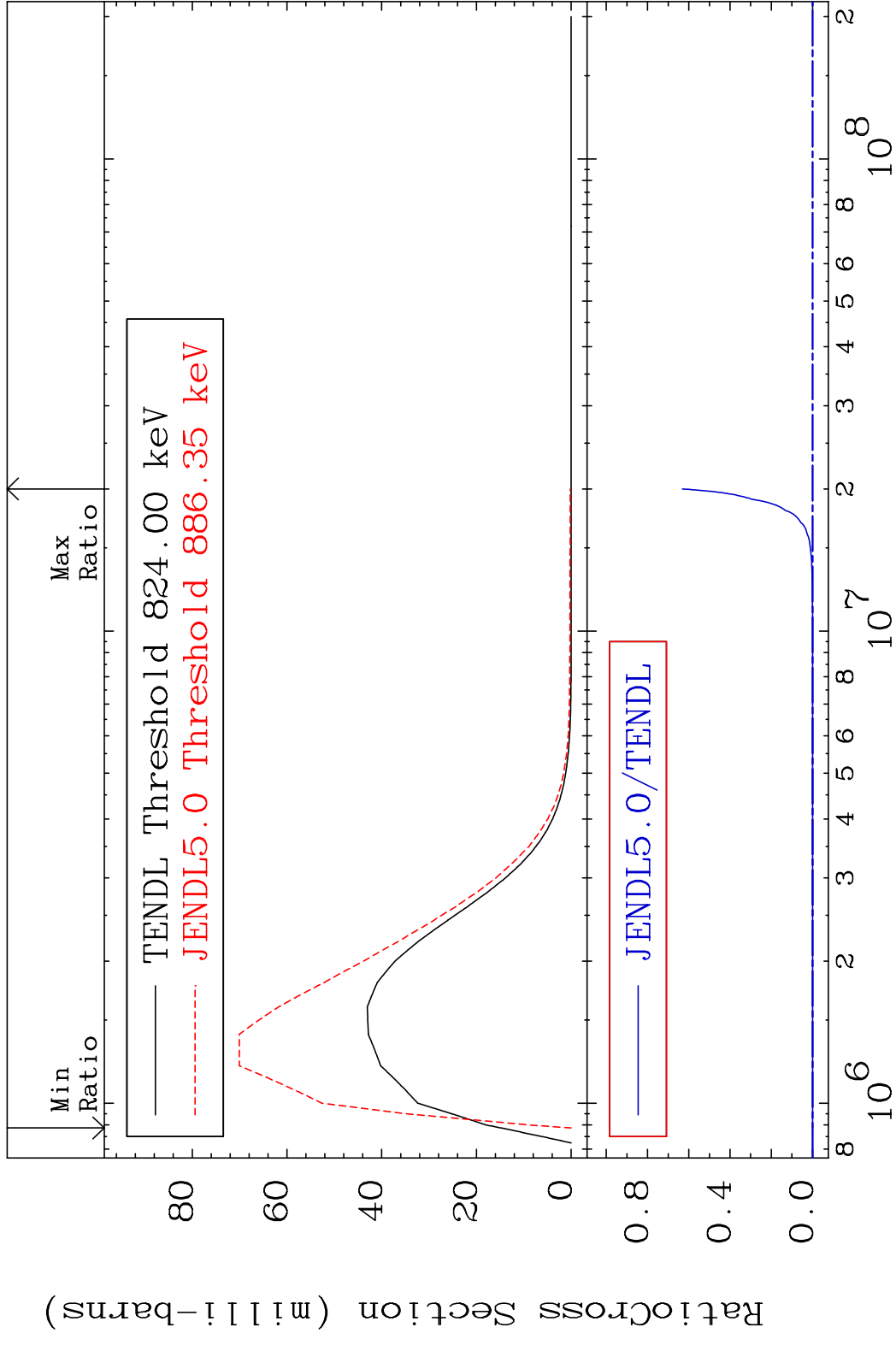
20 Incident Energy (eV) 48-Cd-113

MAT 4846 MT= 63 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

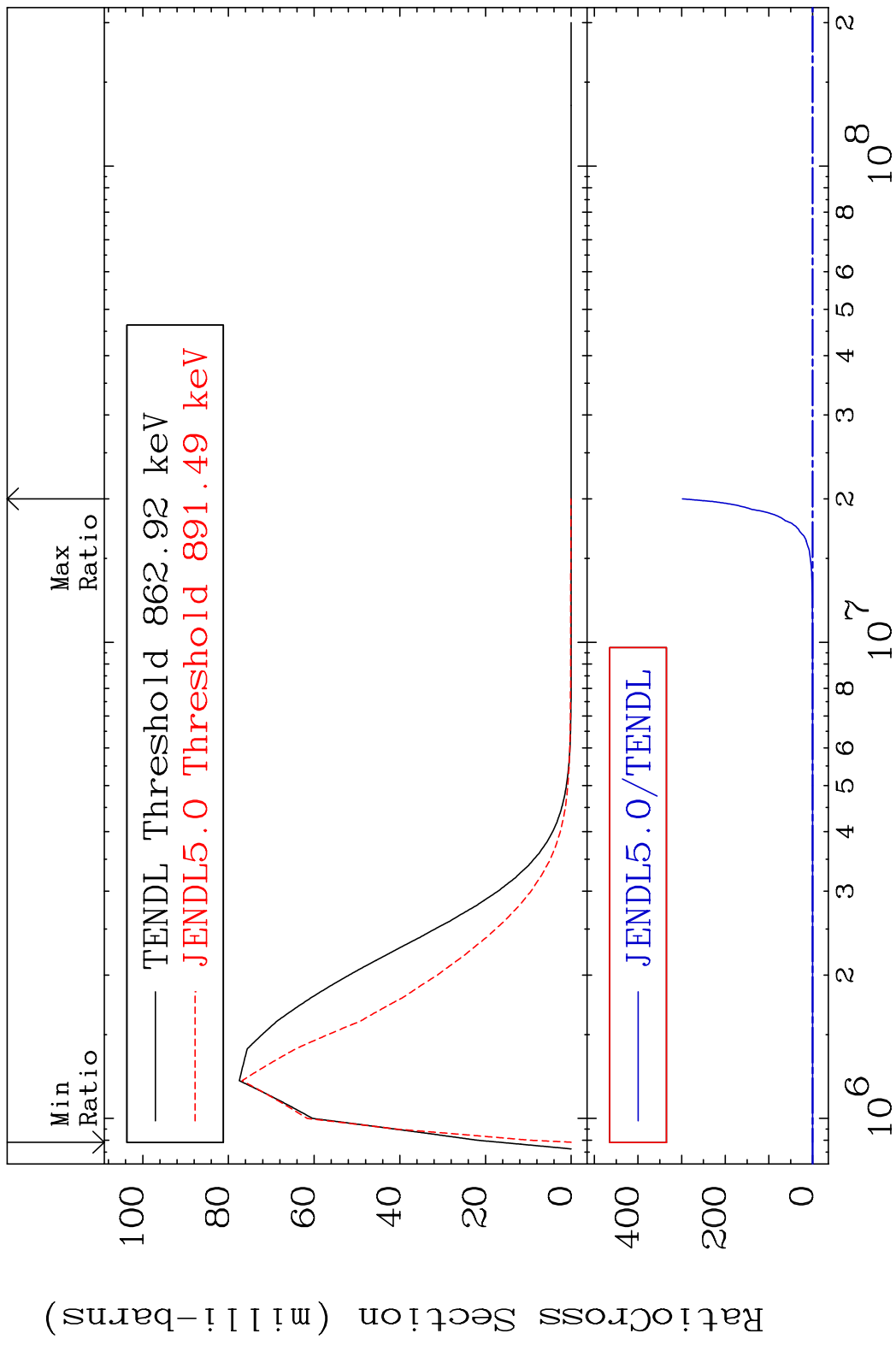


21 Incident Energy (eV) 48-Cd-113

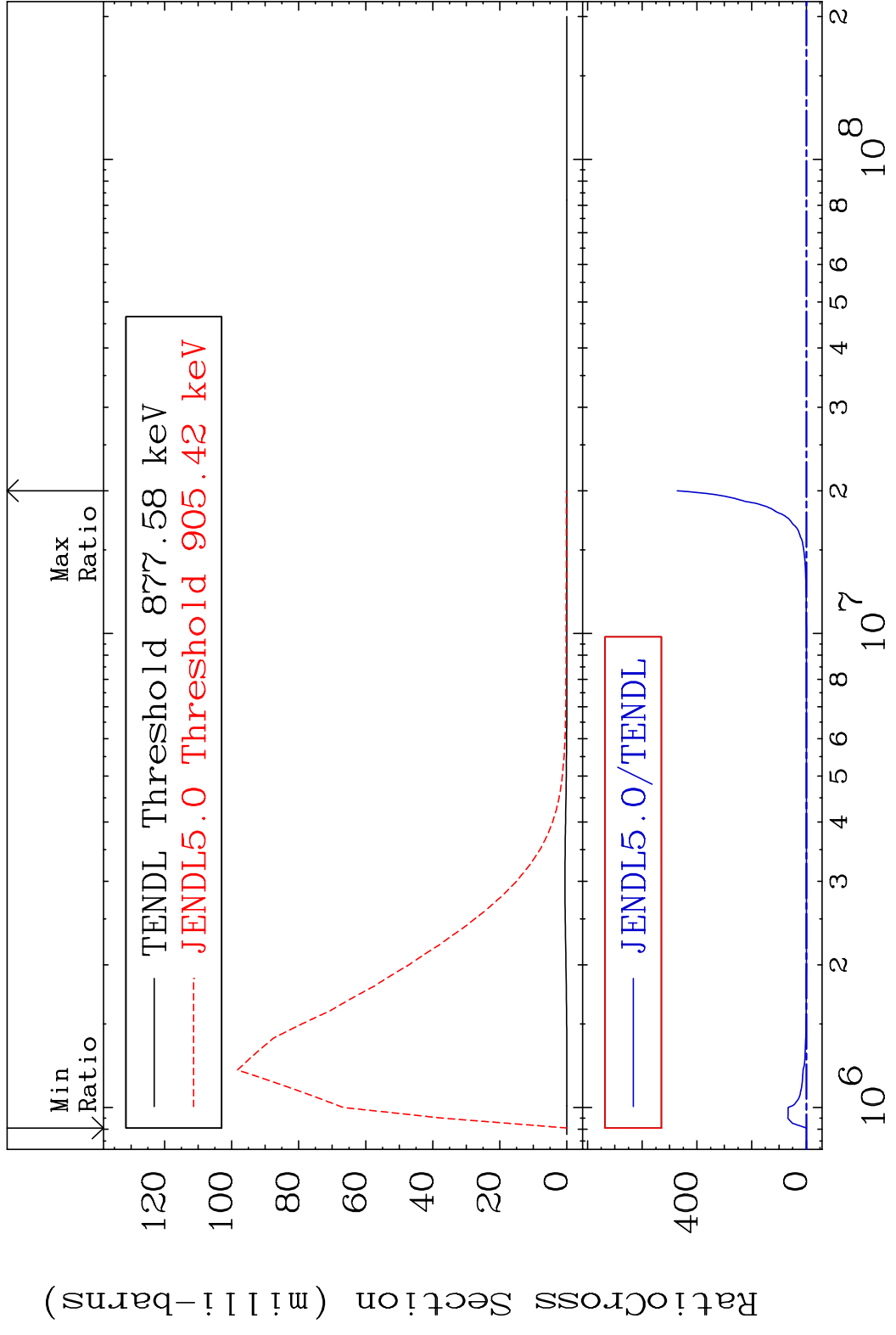
MAT 4846 MT= 64 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846 MT= 65 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

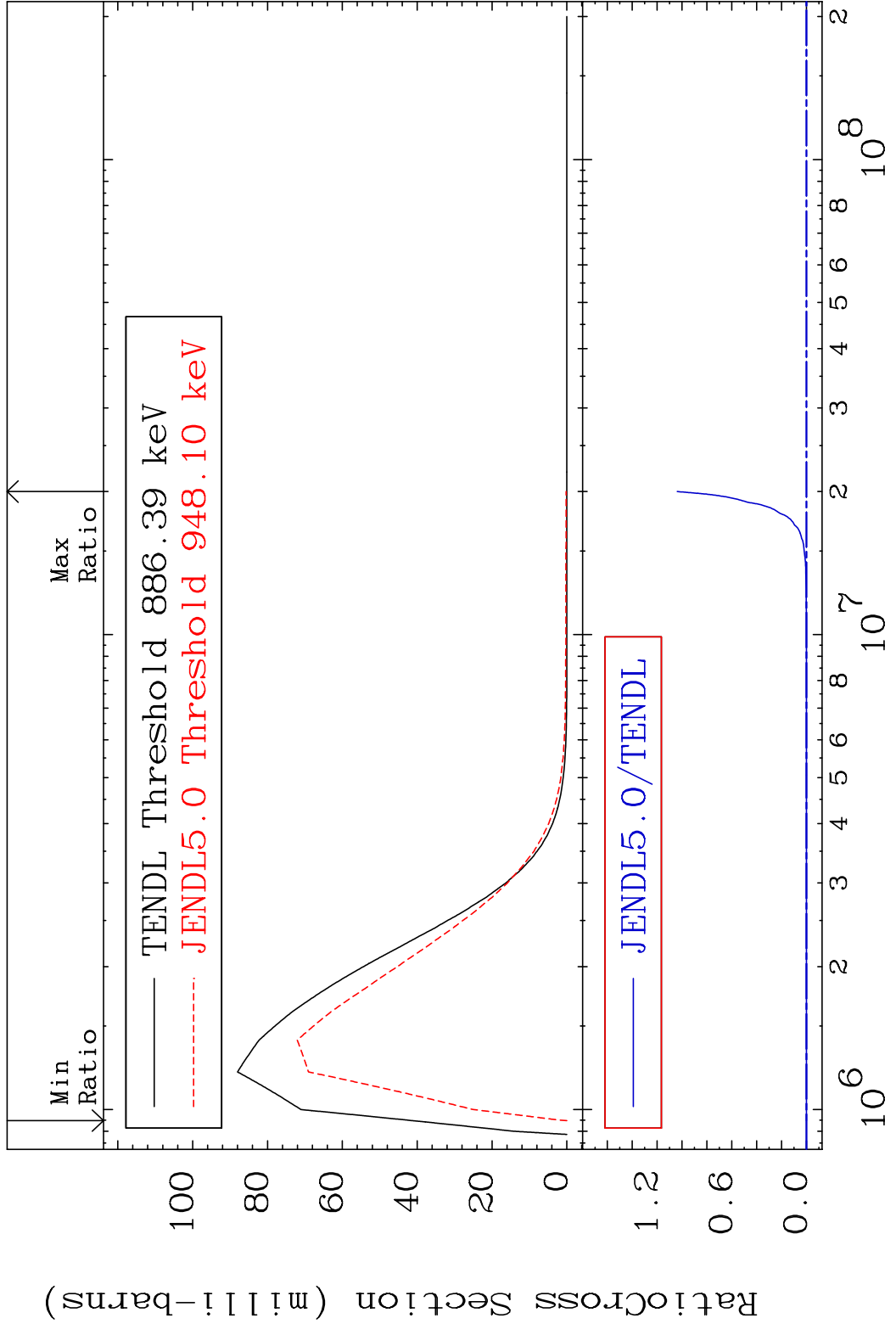


MAT 4846 MT= 66 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

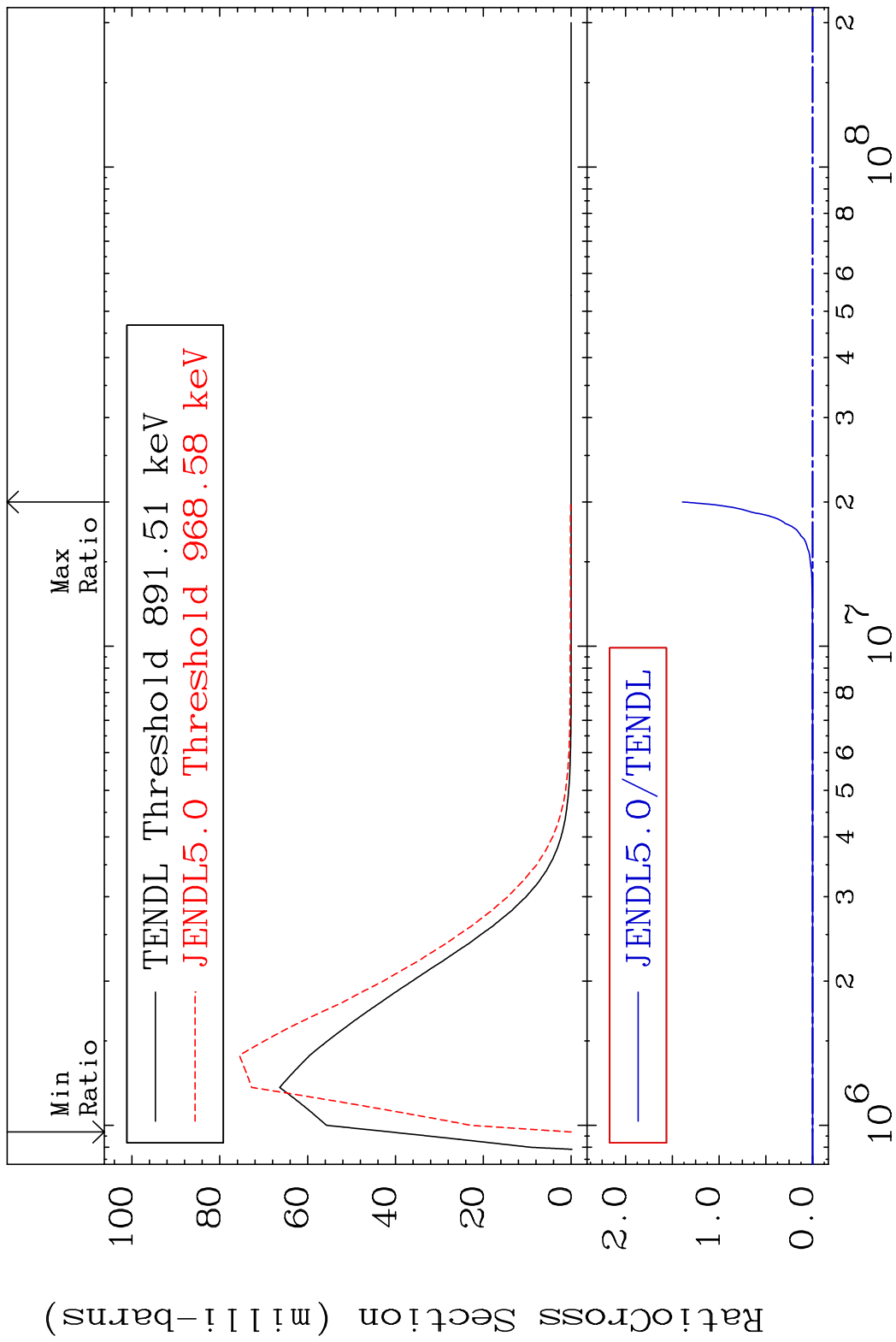


24 Incident Energy (eV) 48-Cd-113

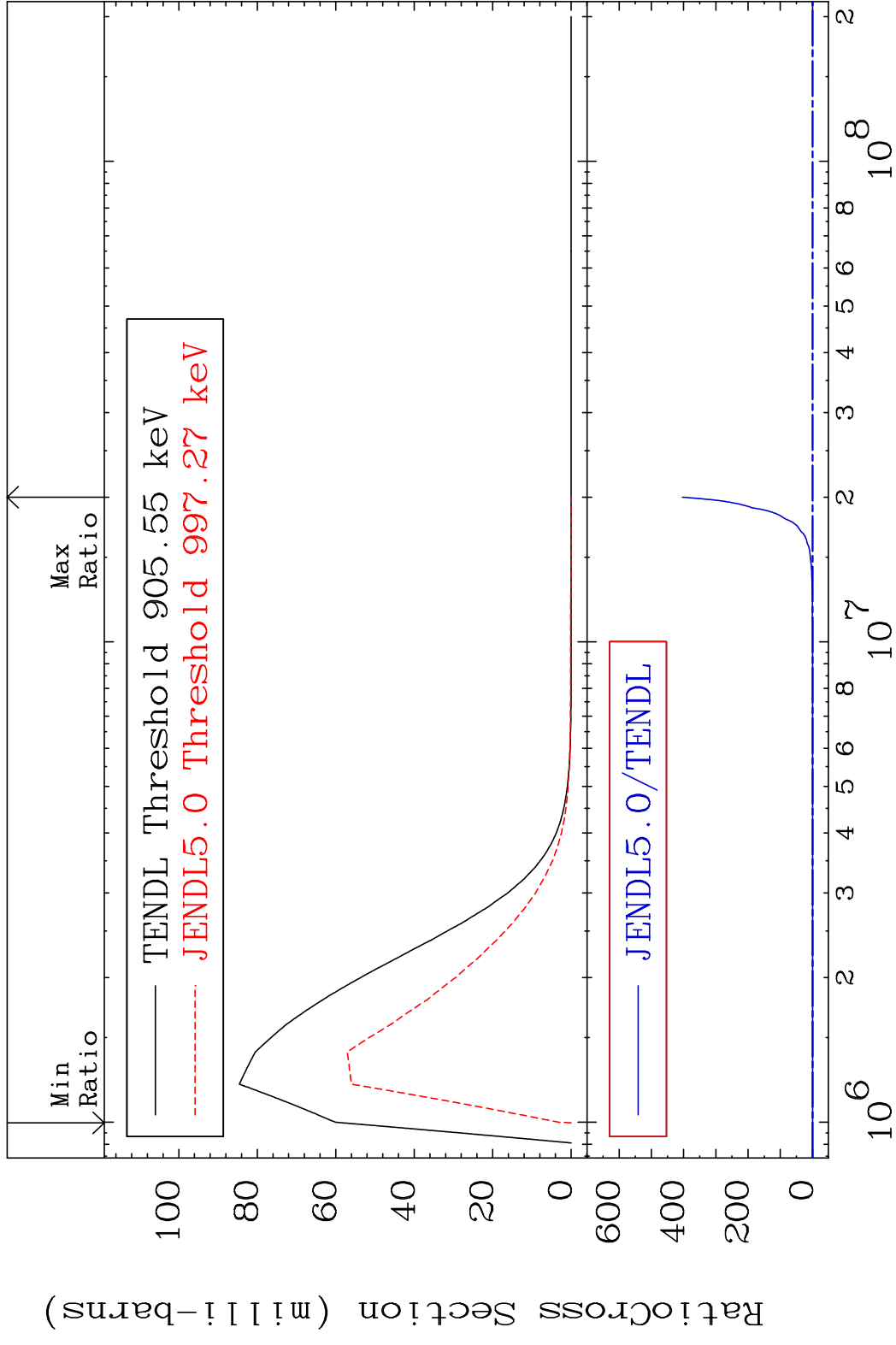
MAT 4846 MT= 67 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



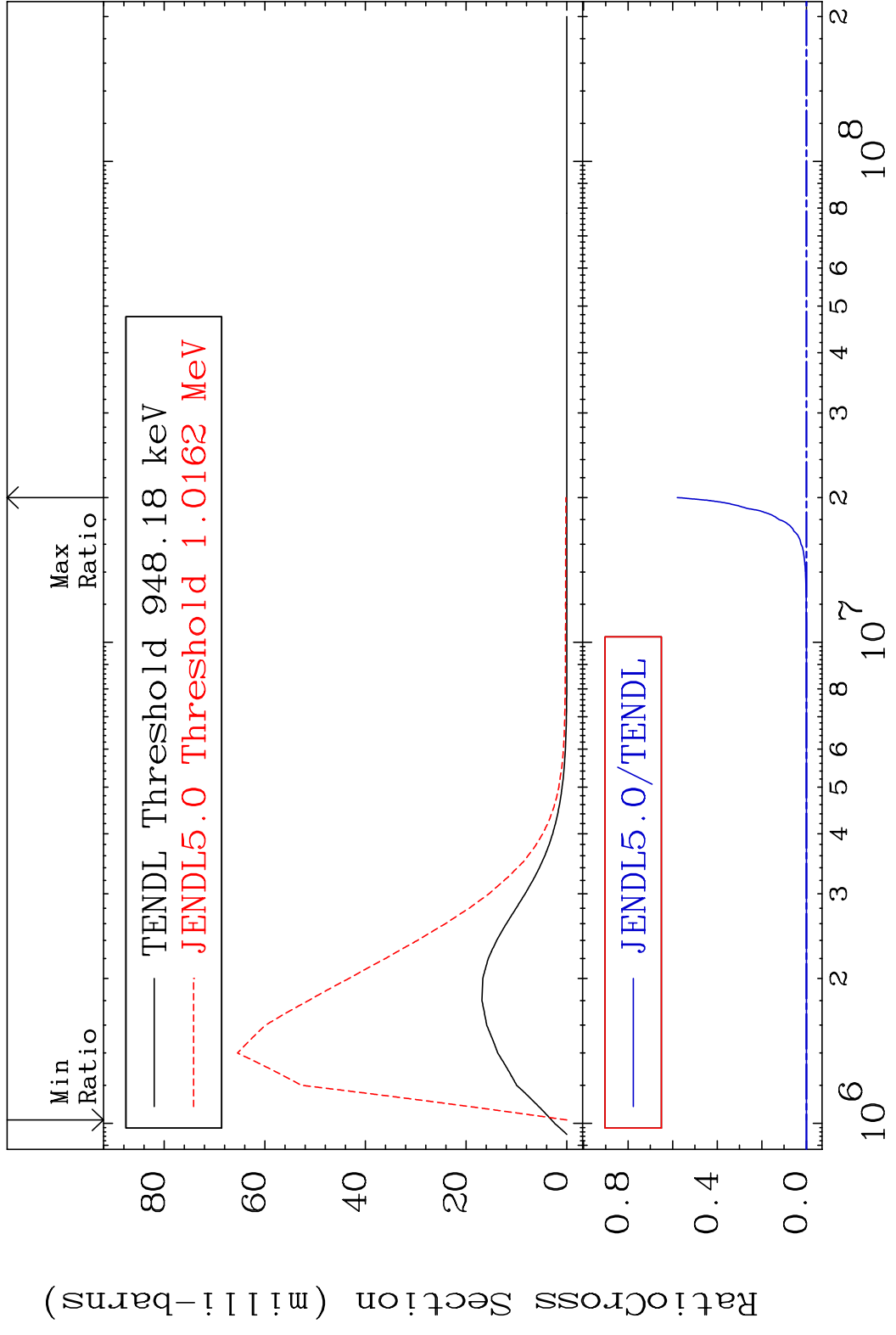
MAT 4846 MT= 68 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846 MT= 69 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

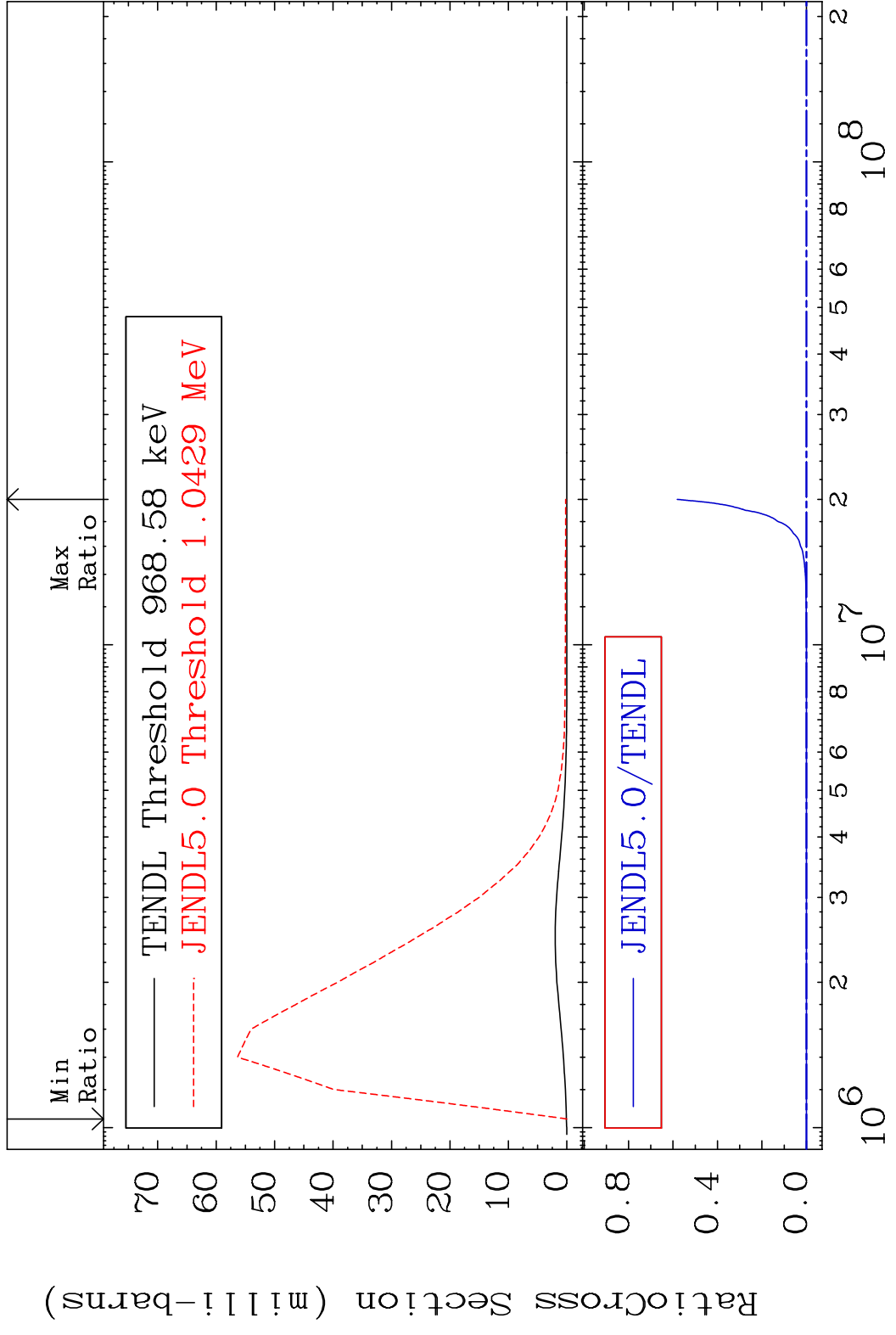


MAT 4846 MT= 70 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



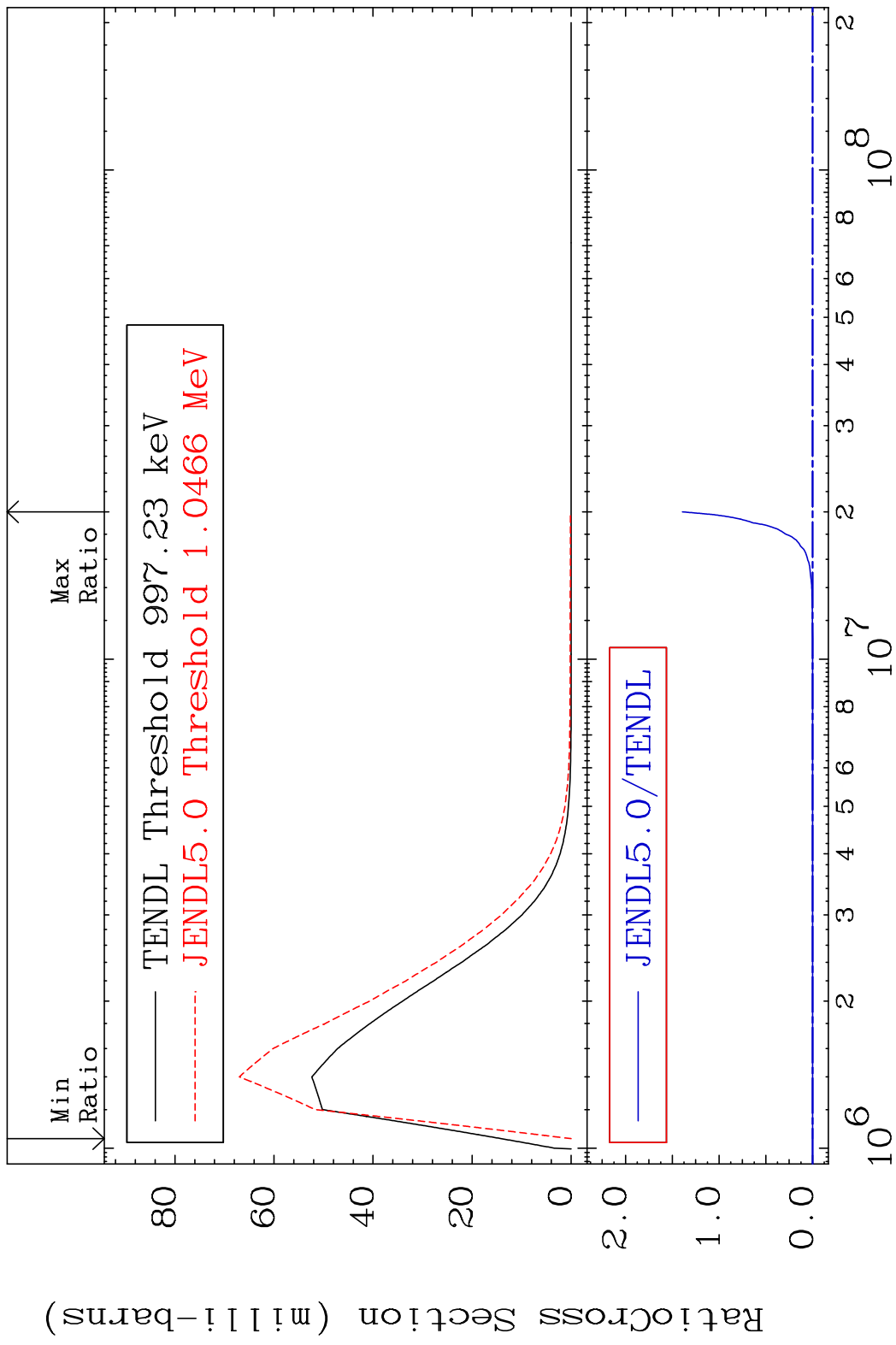
28 Incident Energy (eV) 48-Cd-113

MAT 4846 MT= 71 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

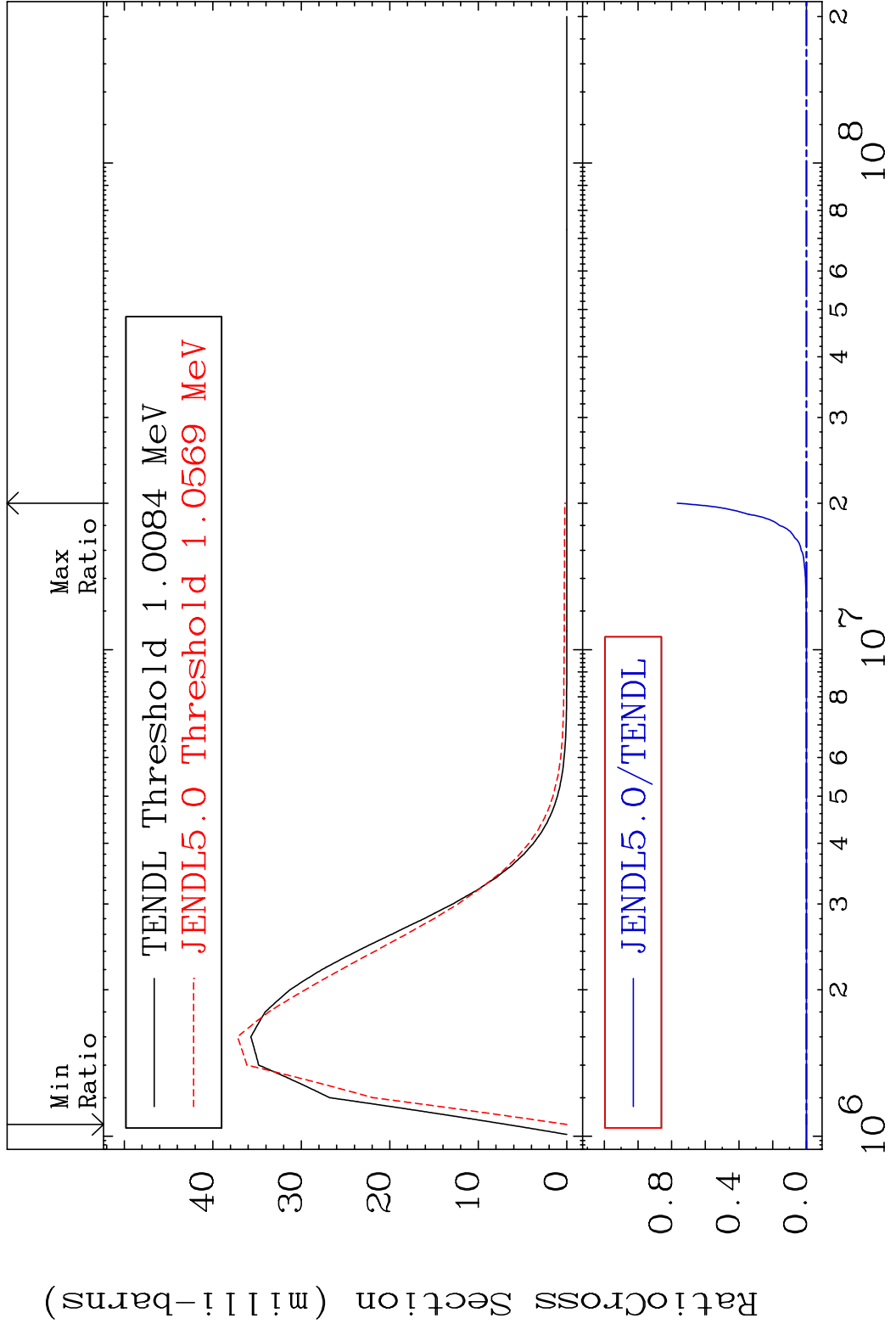


29 Incident Energy (eV) 48-Cd-113

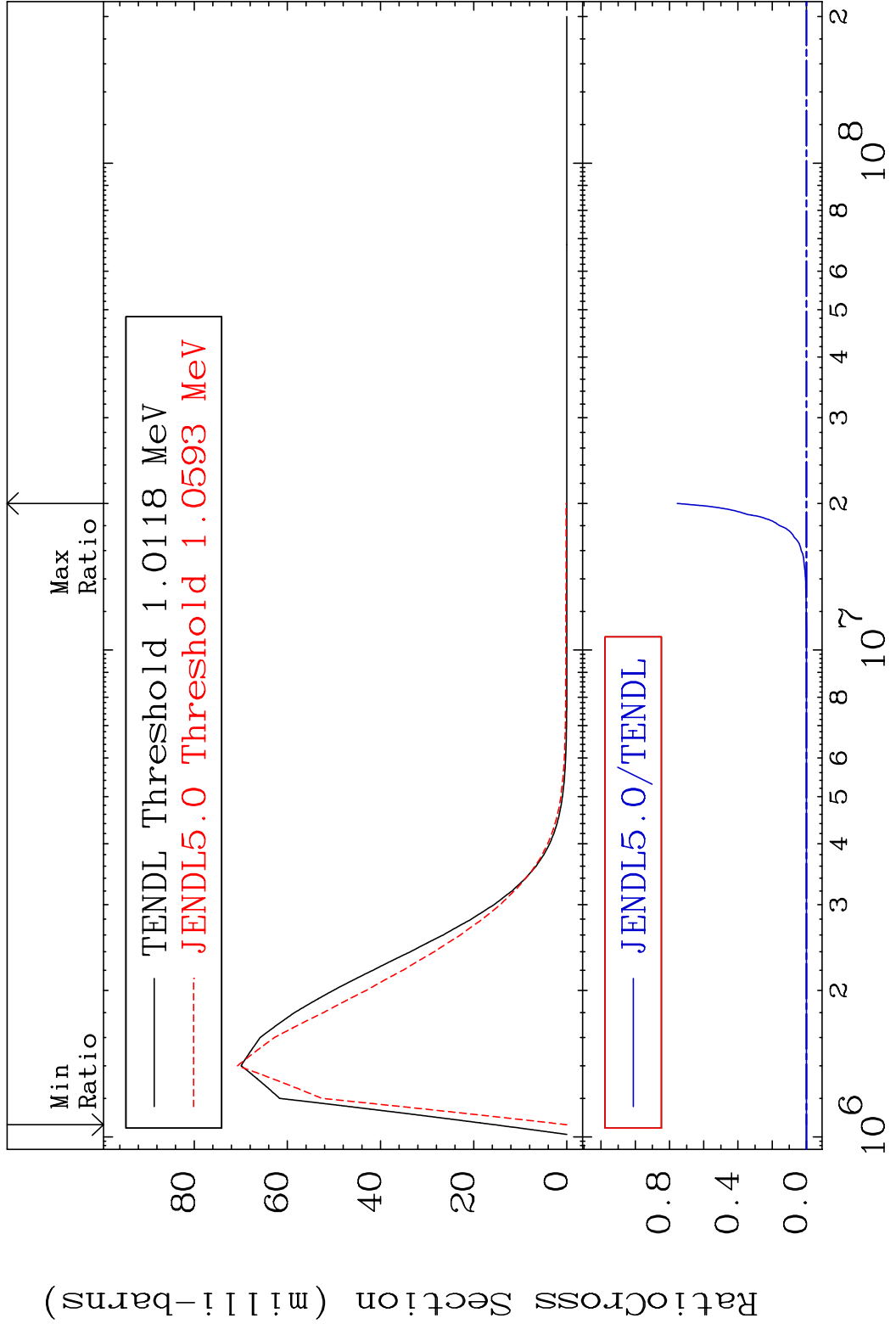
MAT 4846 MT= 72 (n, n') Level 48-Cd-113
Cross Section -100.0 To 9999. %



MAT 4846 MT= 73 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

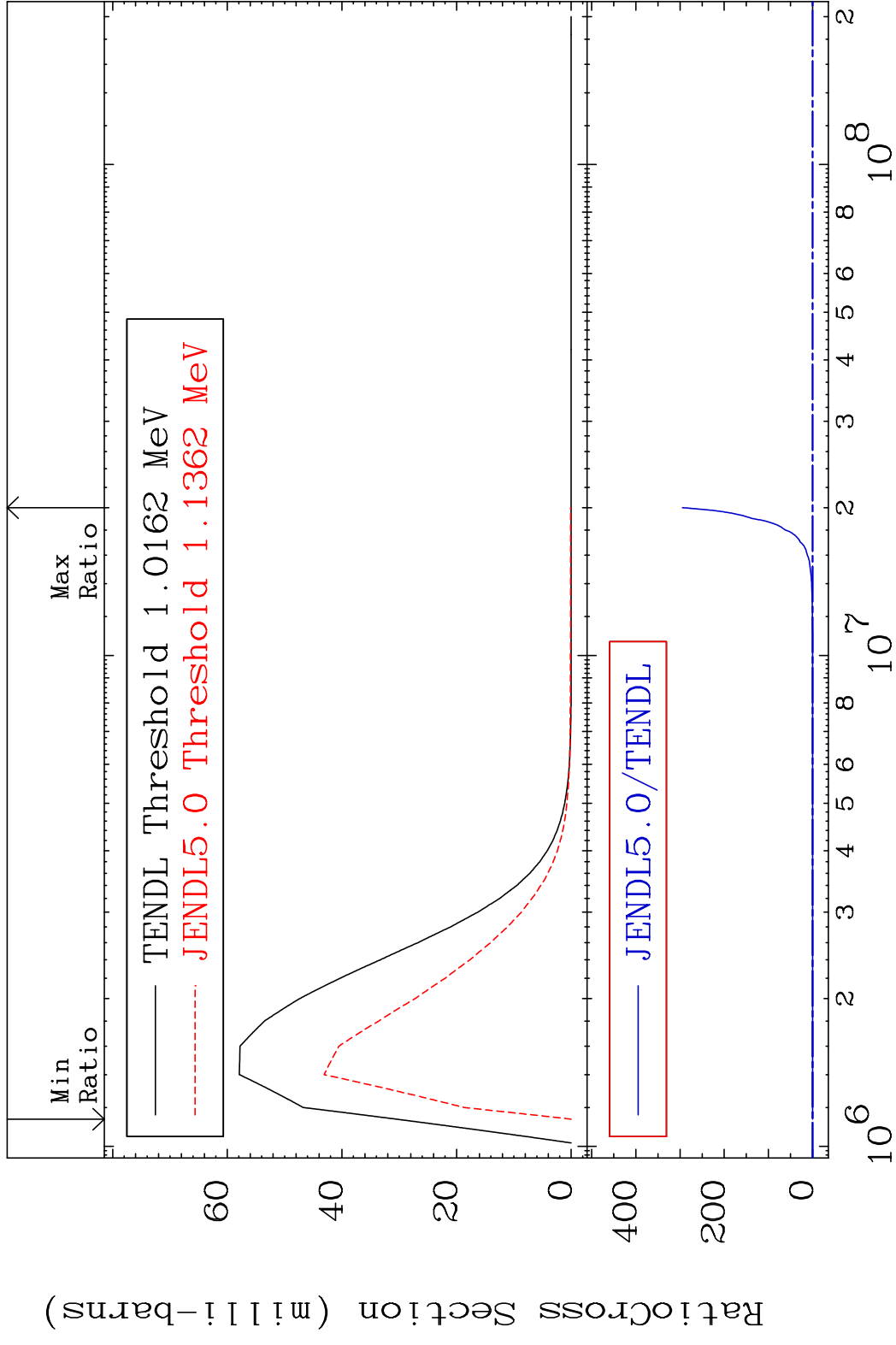


MAT 4846 MT= 74 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

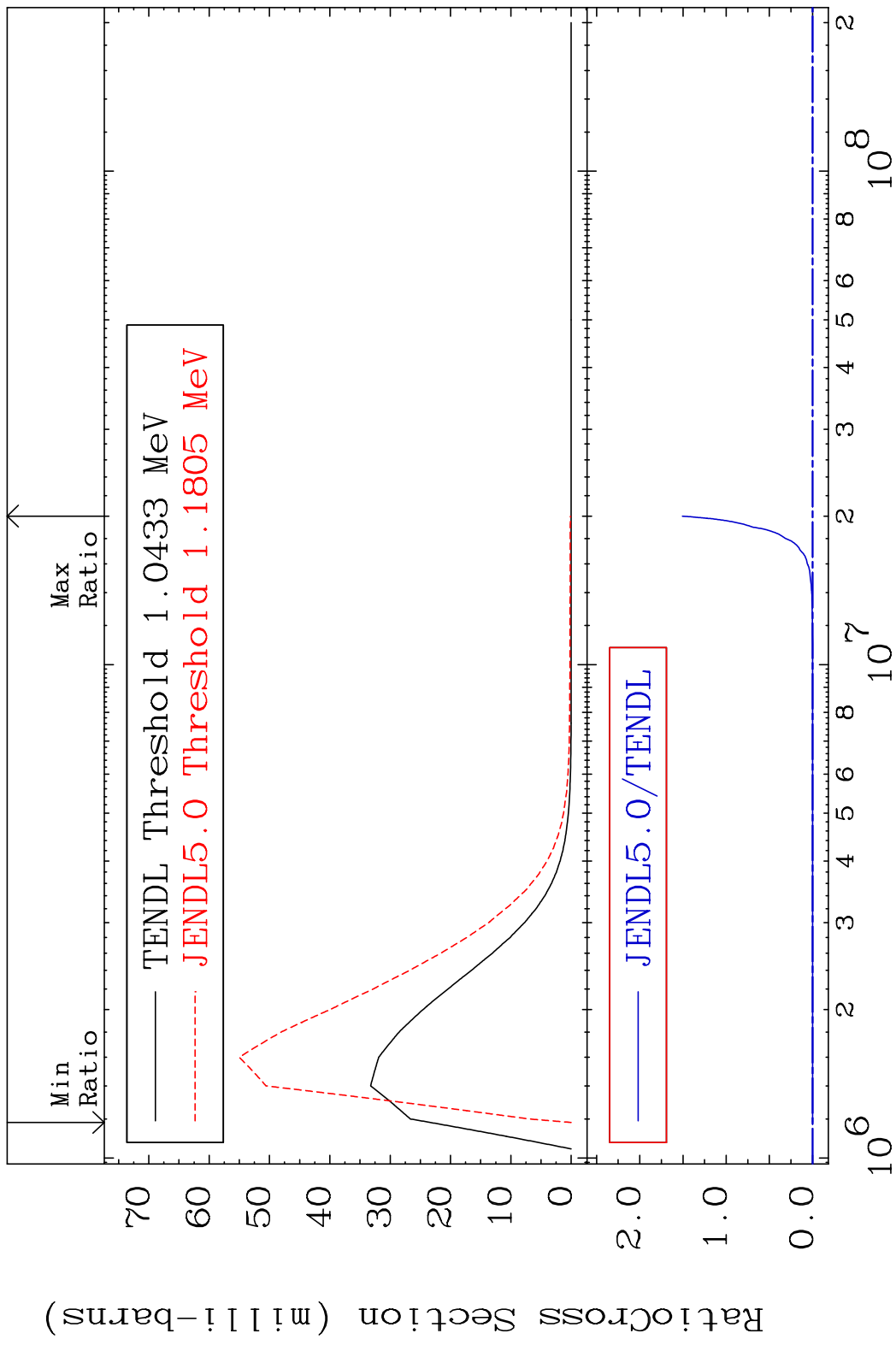


32 Incident Energy (eV) 48-Cd-113

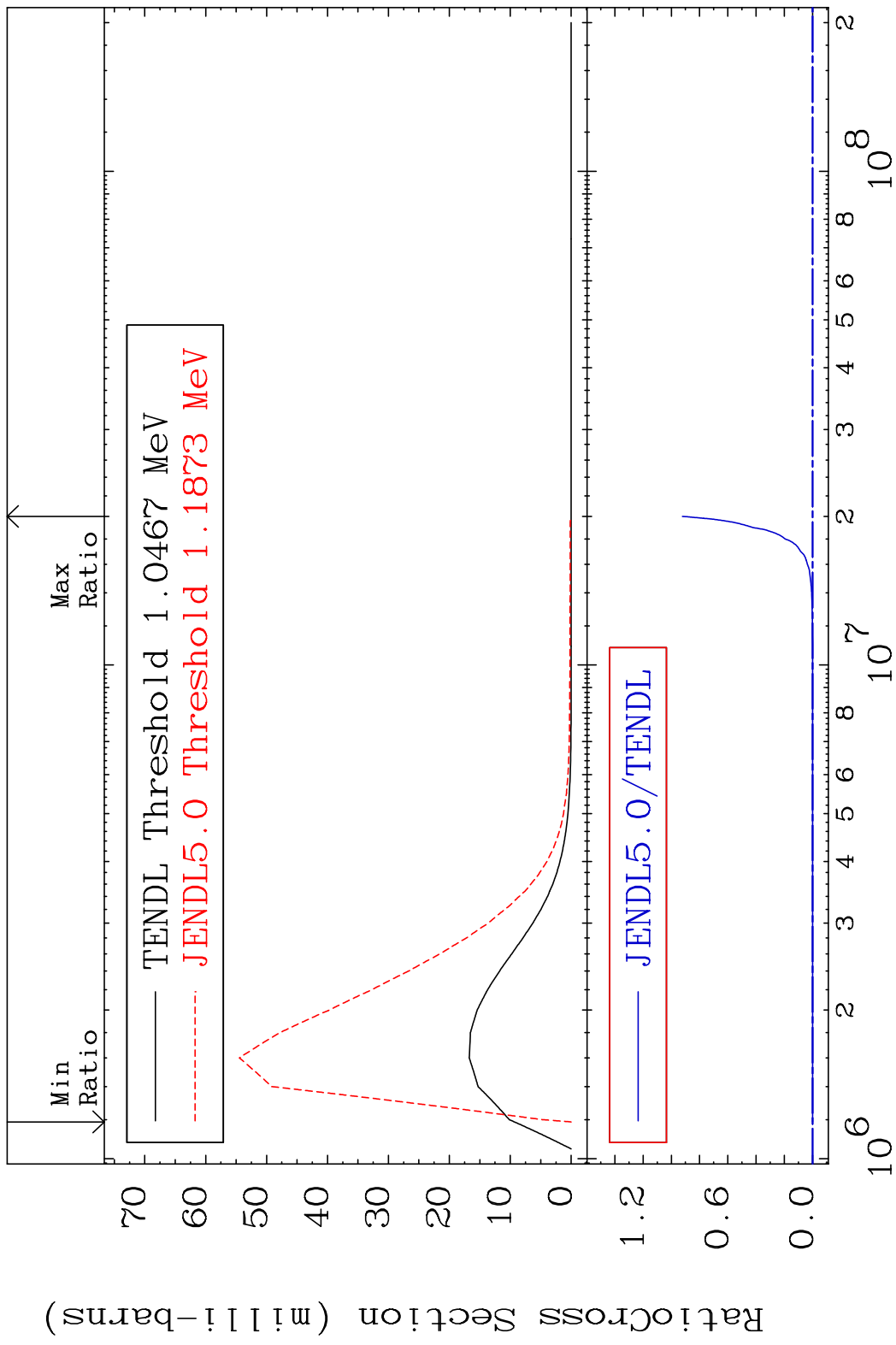
MAT 4846 MT= 75 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846 MT= 76 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

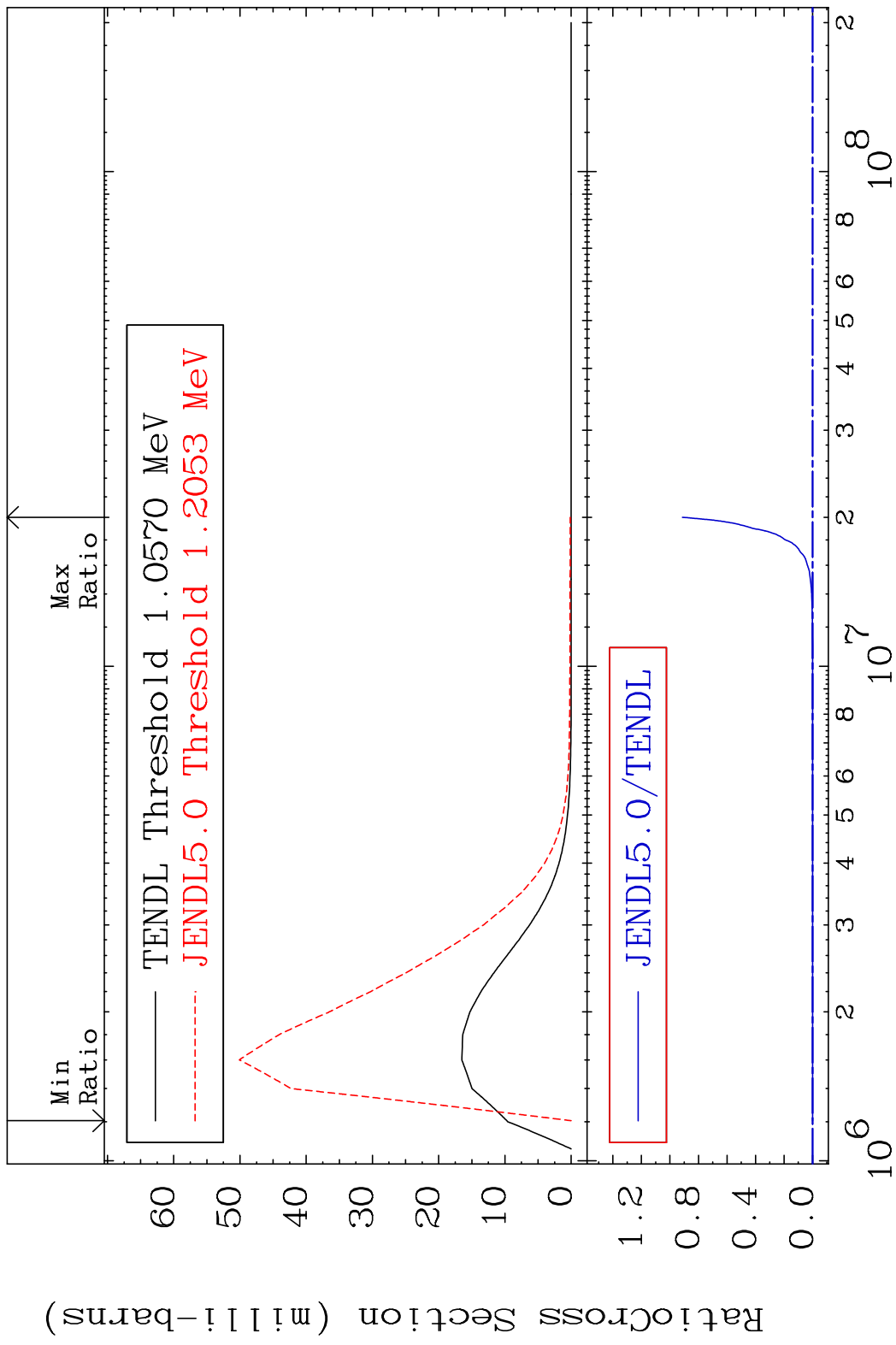


MAT 4846 MT= 77 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

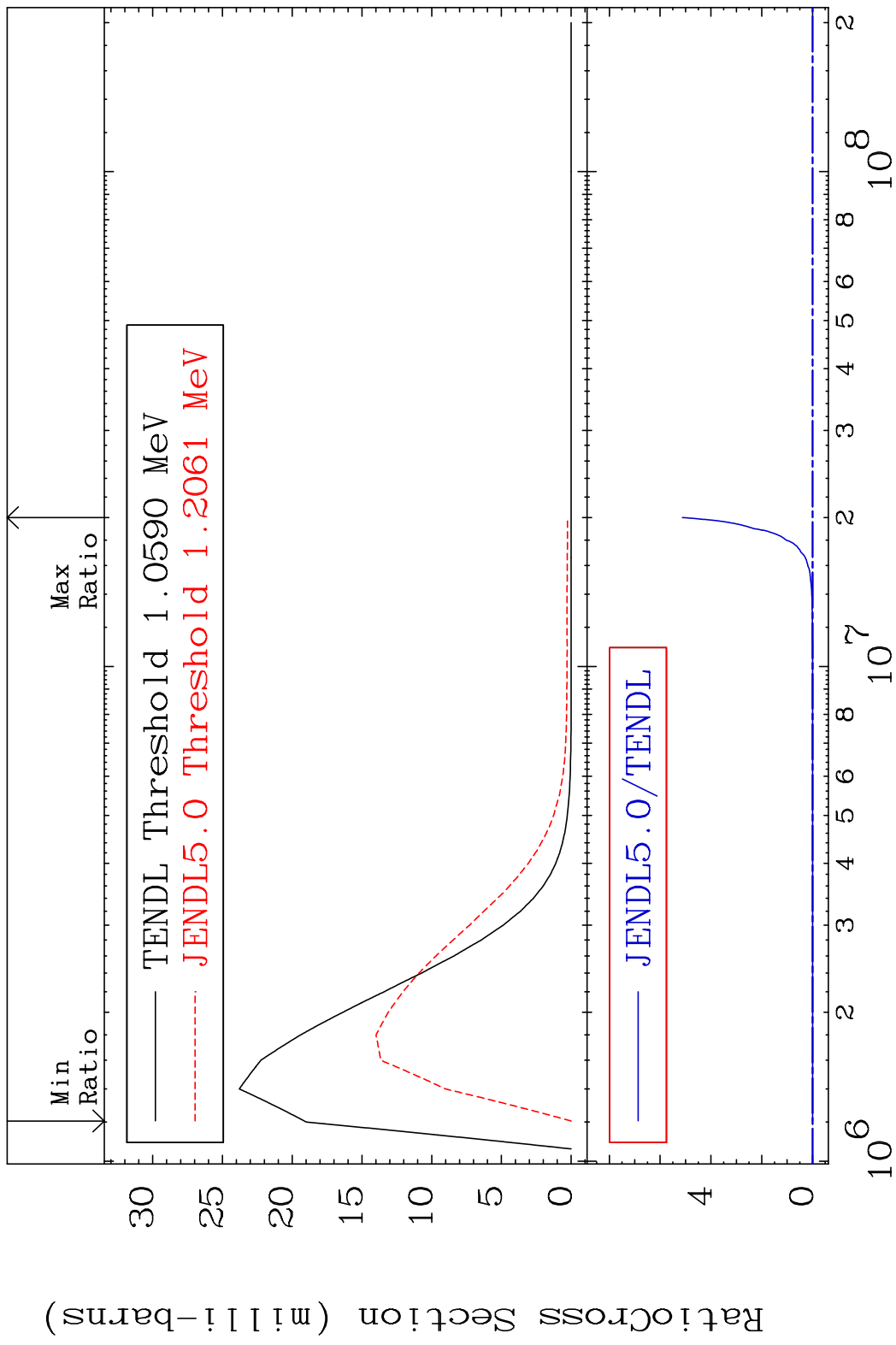


35 Incident Energy (eV) 48-Cd-113

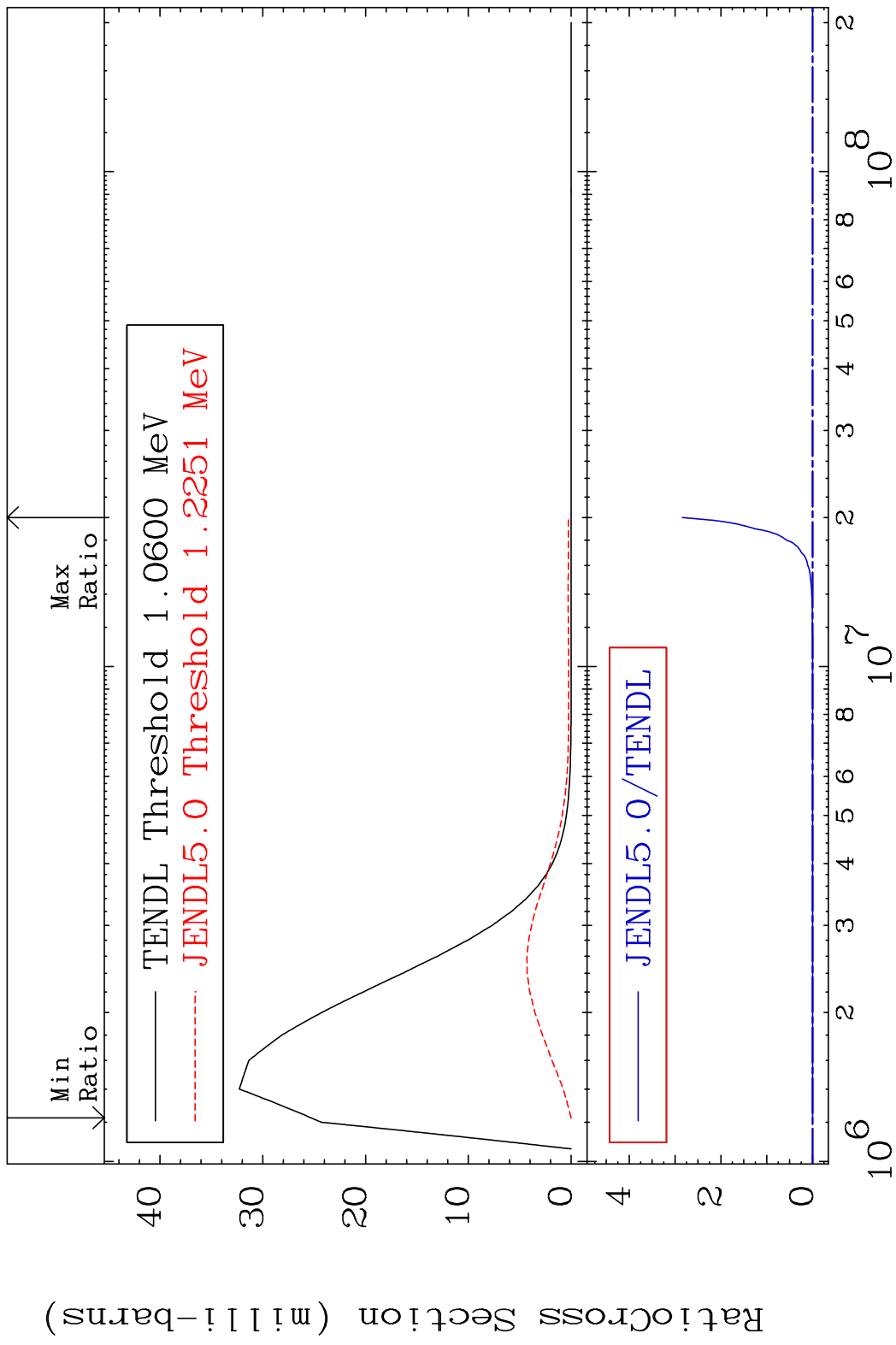
MAT 4846 MT= 78 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846 MT= 79 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %

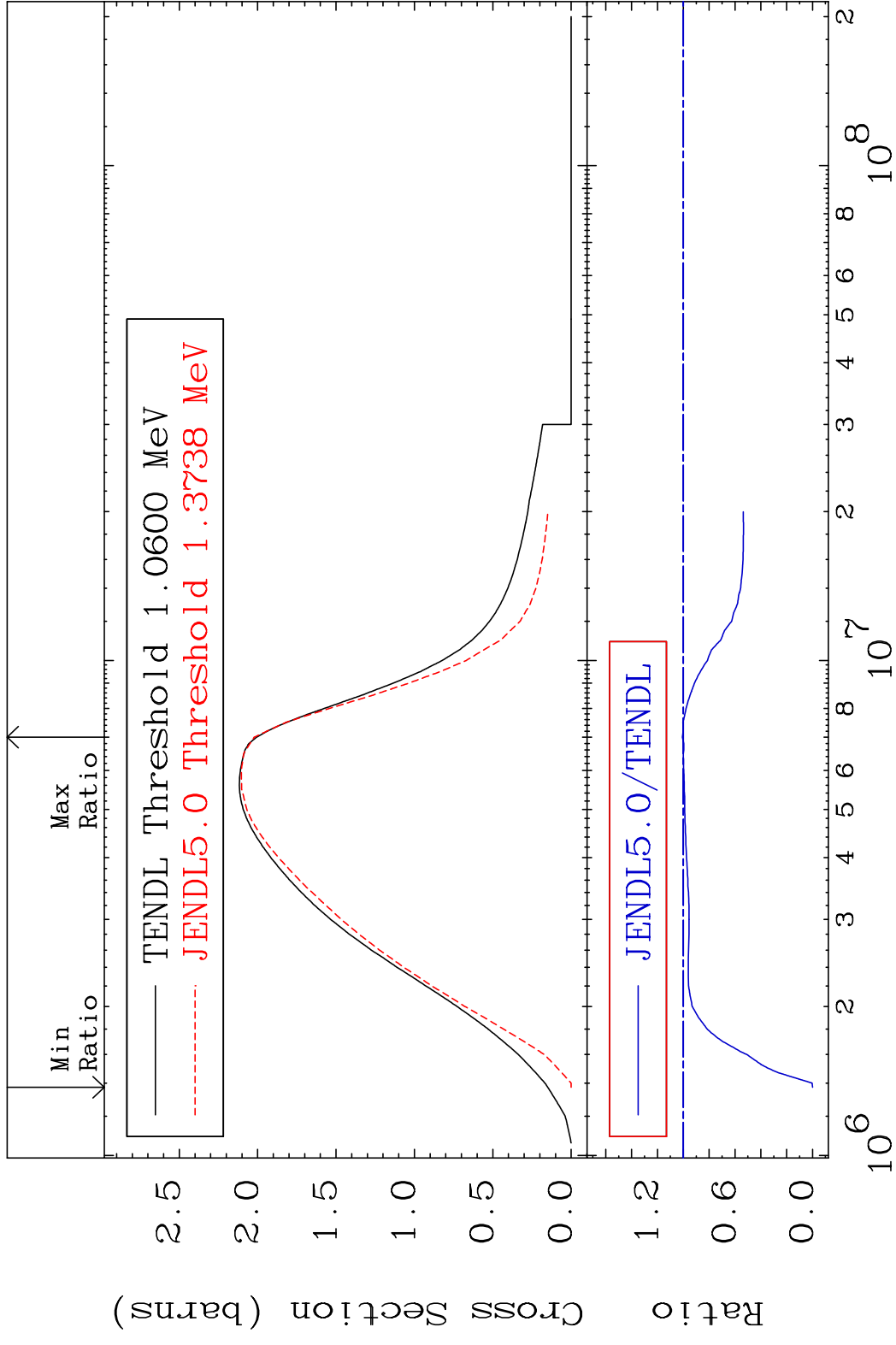


MAT 4846 MT= 80 (n, n') Level 48-Cd-113
 Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 48-Cd-113

MAT 4846 (n, n') Continuum 48-Cd-113
 Cross Section -100.0 To 0.743 %



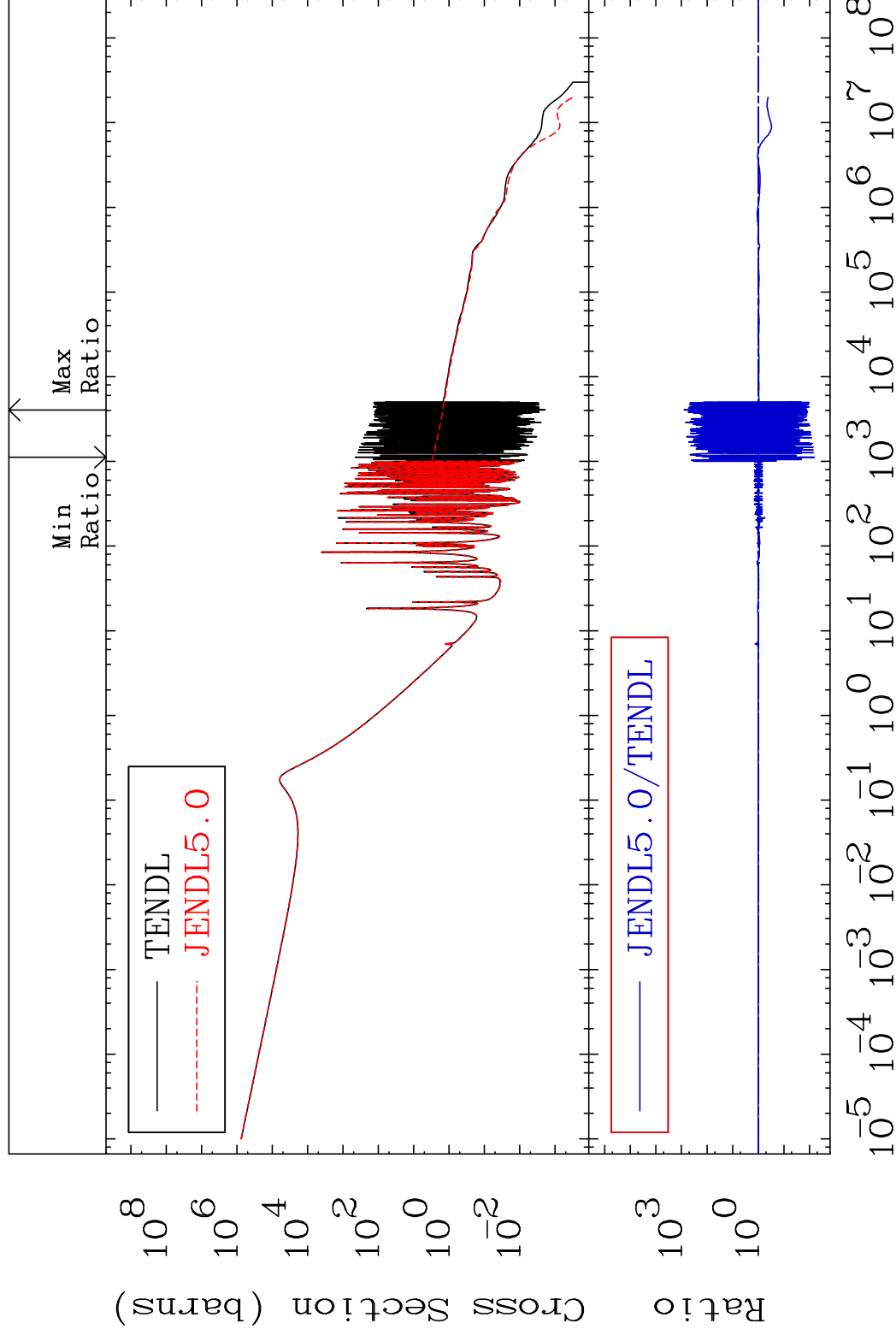
39 Incident Energy (eV) 48-Cd-113

MAT 4846

(n, γ)

48-Cd-113

Cross Section -99.35 To 9999. %

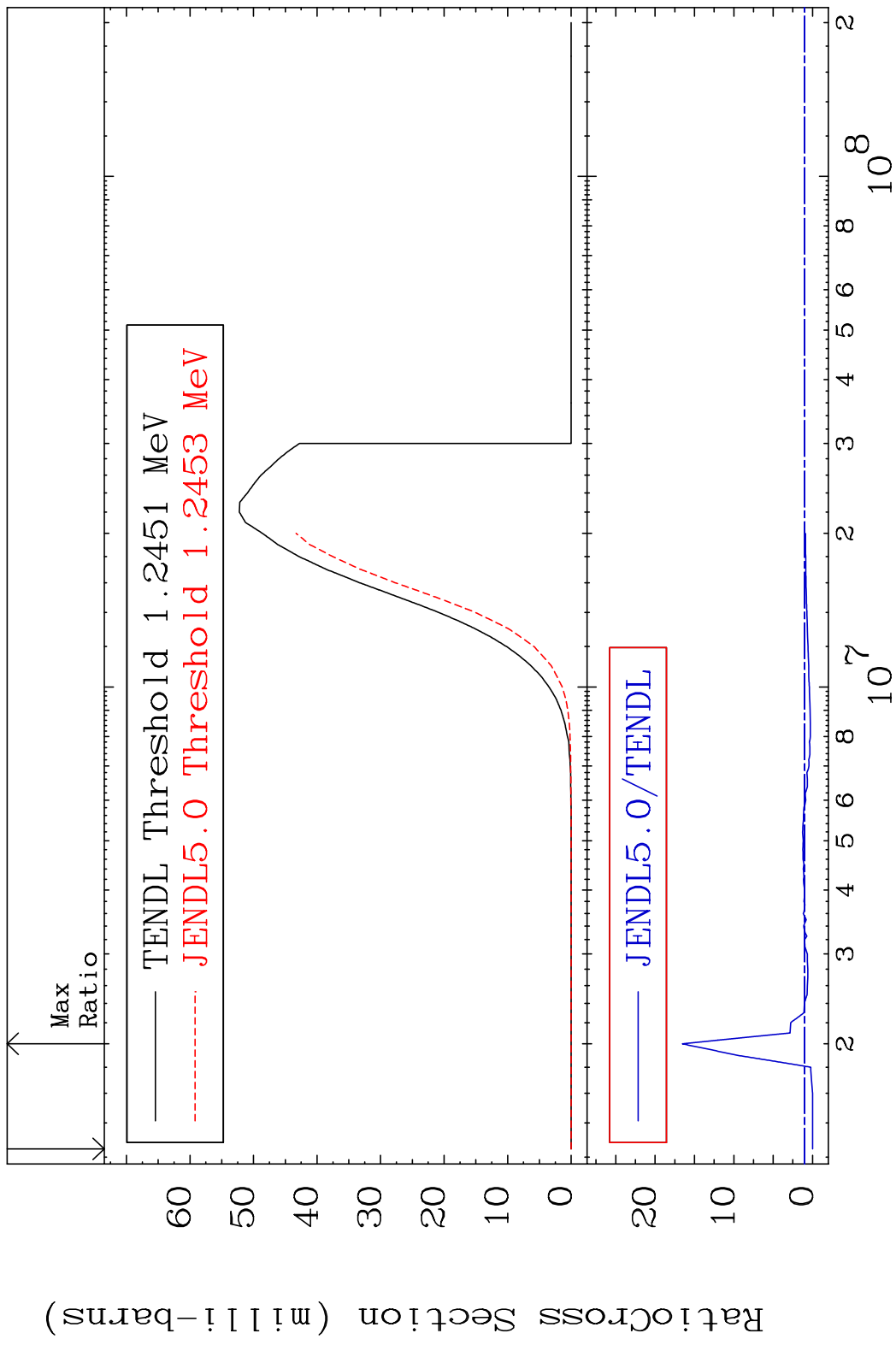


40

Incident Energy (eV)

48-Cd-113

MAT 4846 (n,p) 48-Cd-113
 Cross Section -100.0 To 1554. %

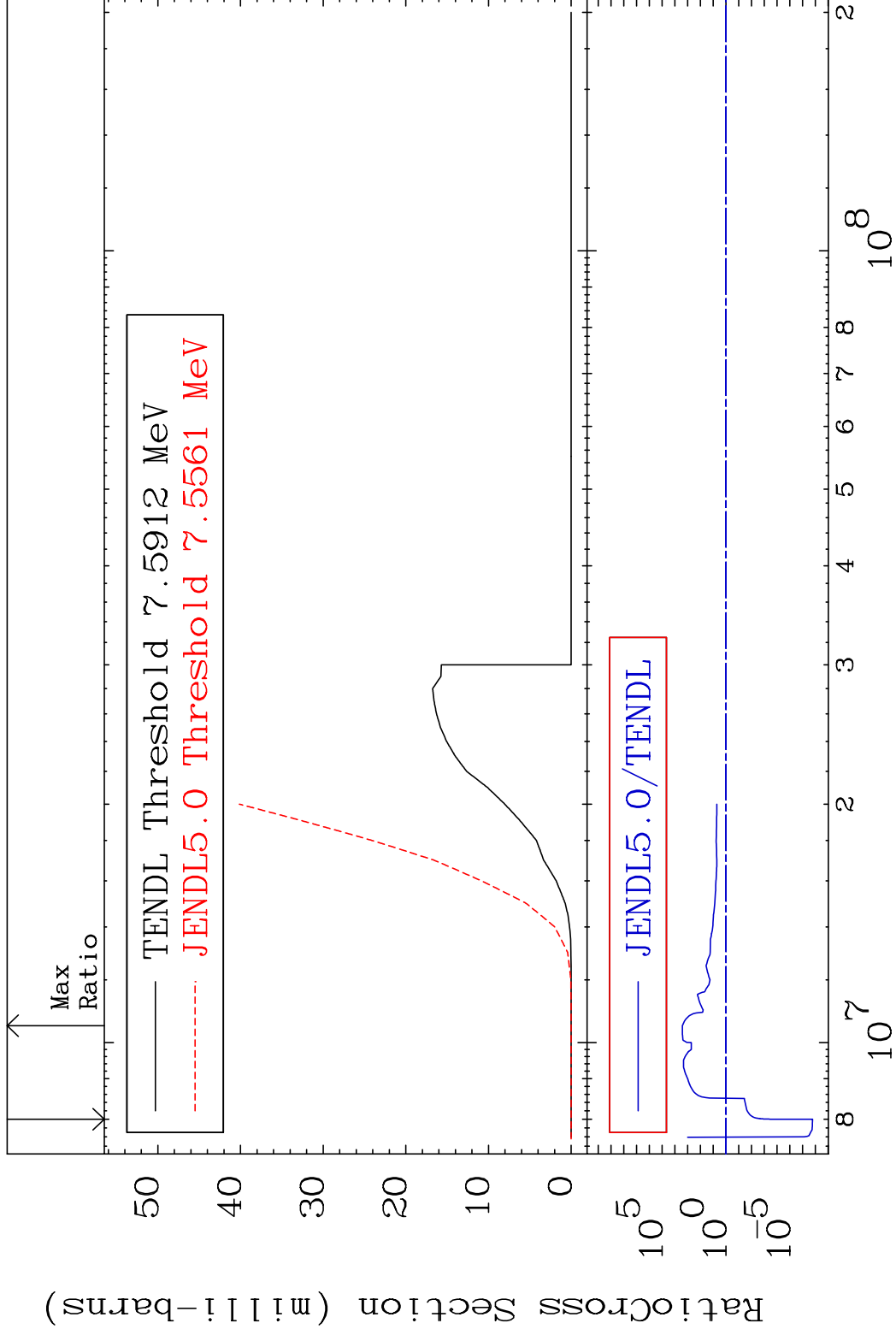


MAT 4846

(n, d)

48-Cd-113

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

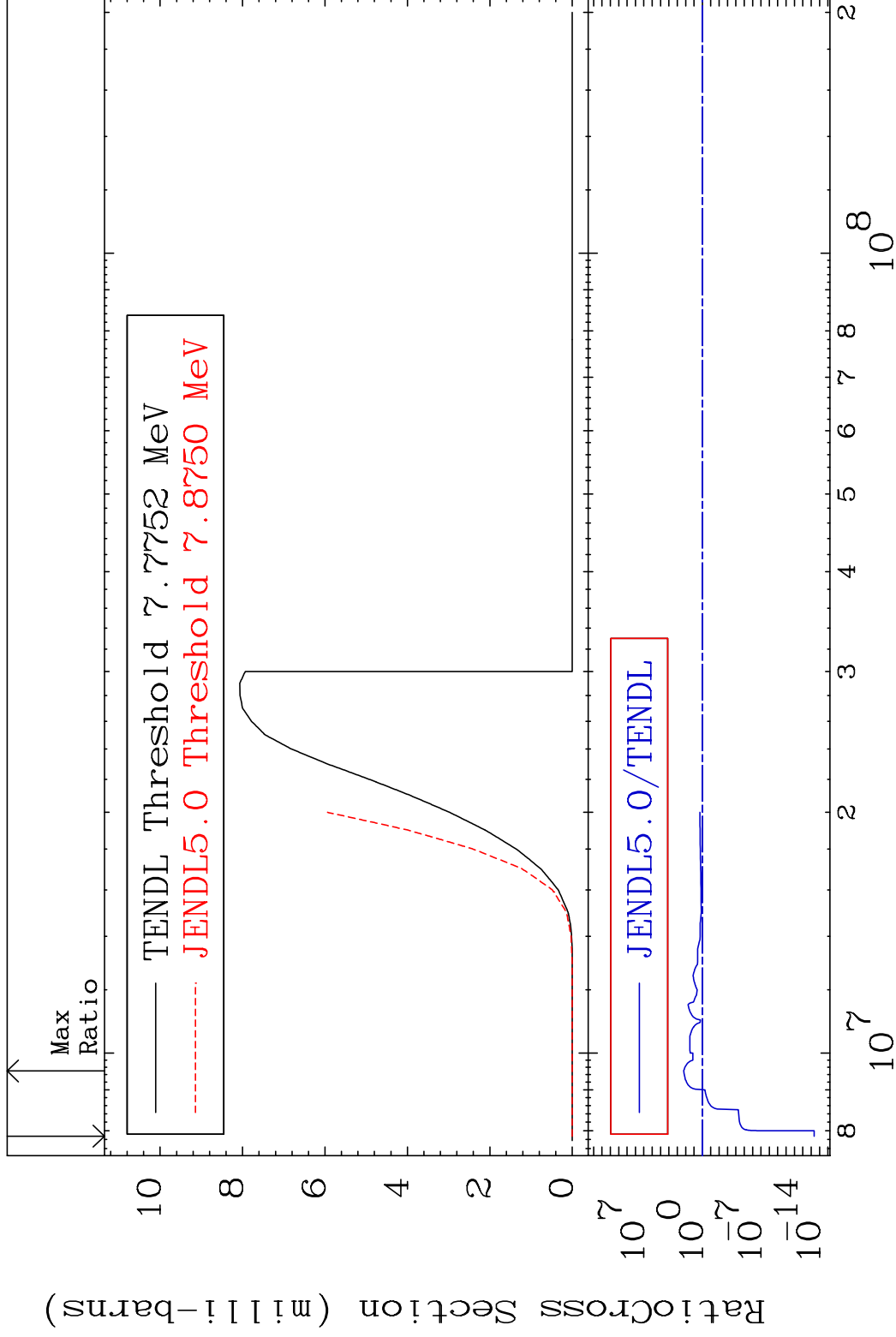
48-Cd-113

MAT 4846

(n, t)

48-Cd-113

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

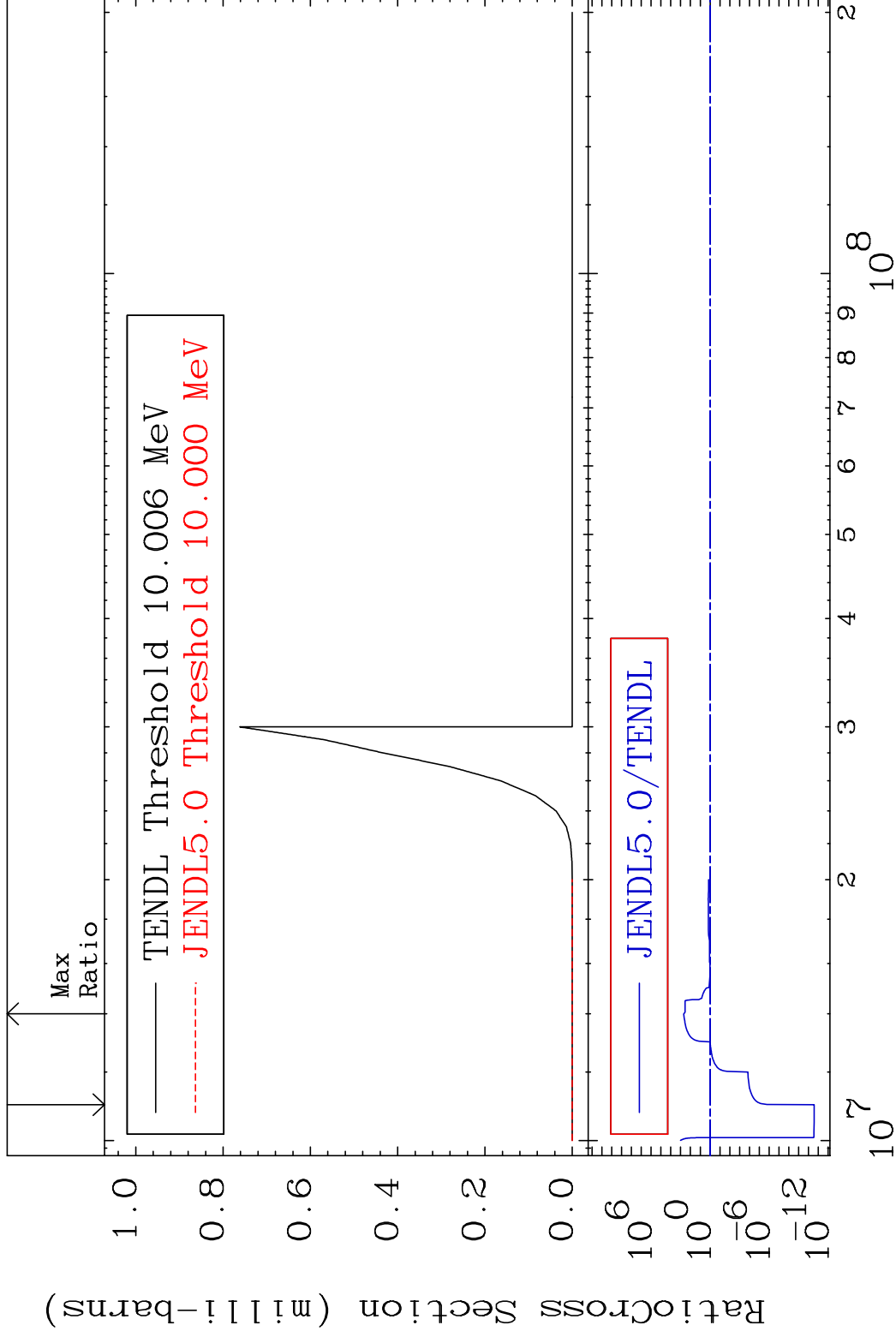
48-Cd-113

MAT 4846

(n, He-3)

48-Cd-113

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

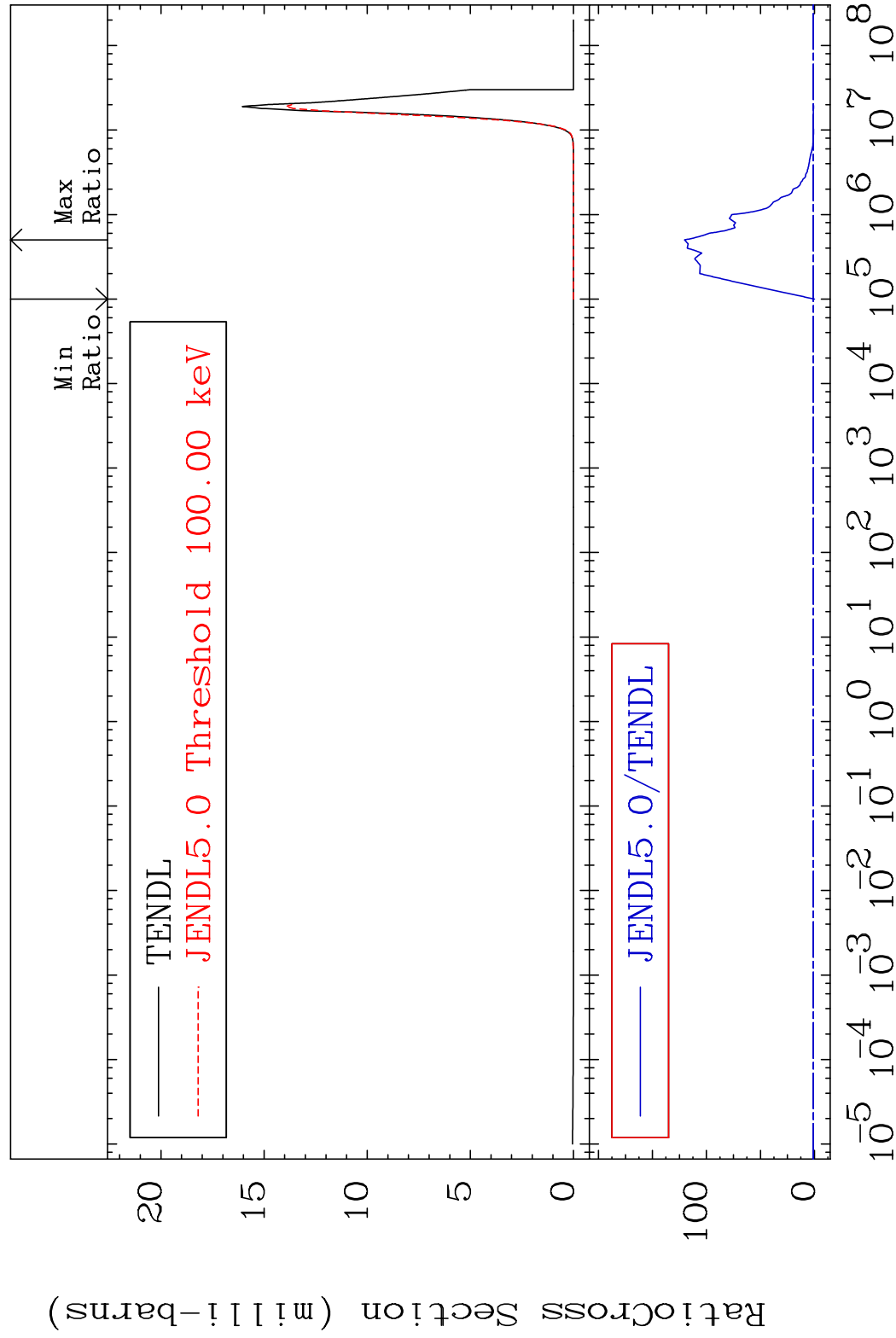
48-Cd-113

MAT 4846

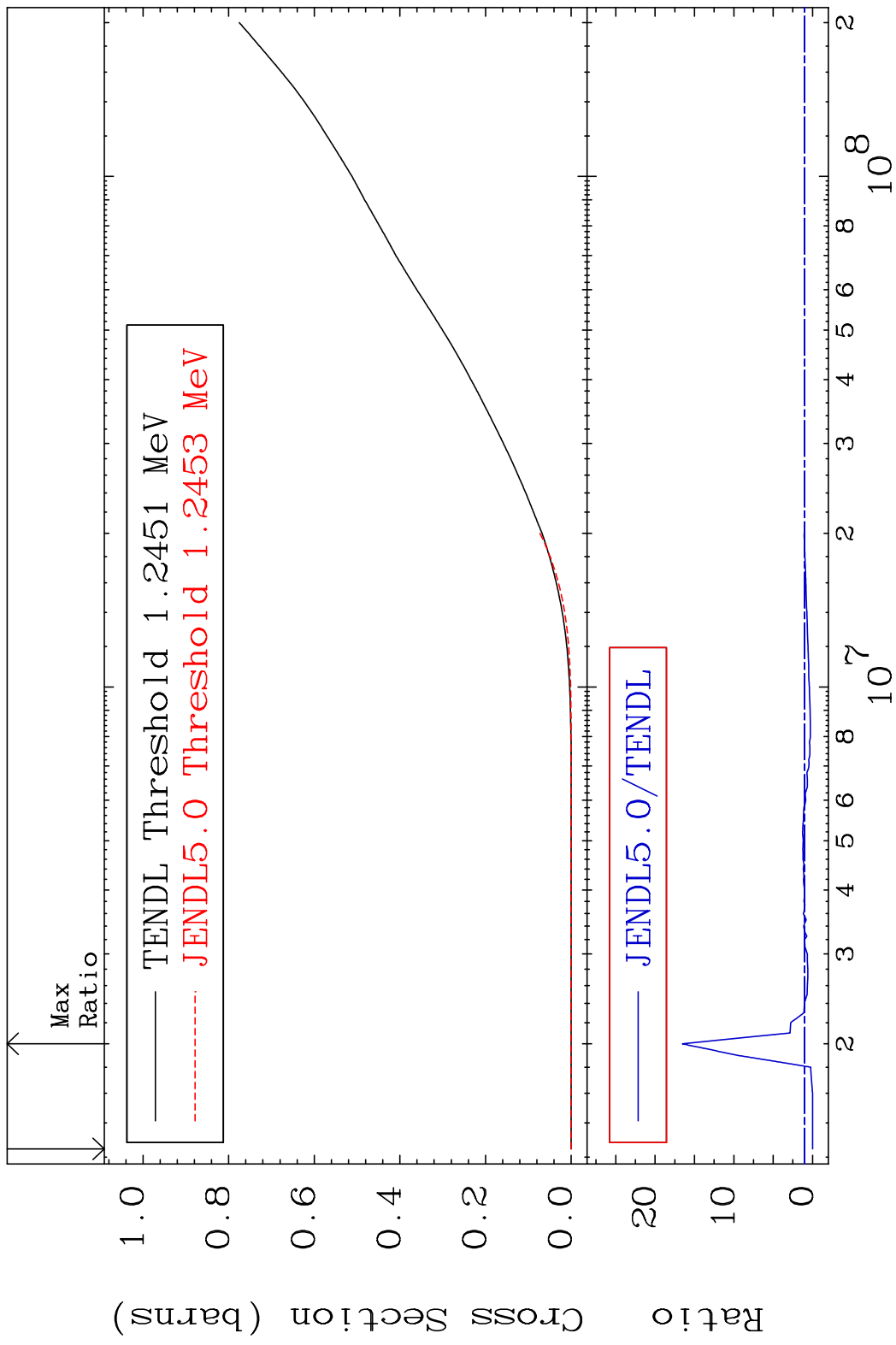
(n, α)

48-Cd-113

Cross Section -100.0 To 9999. %

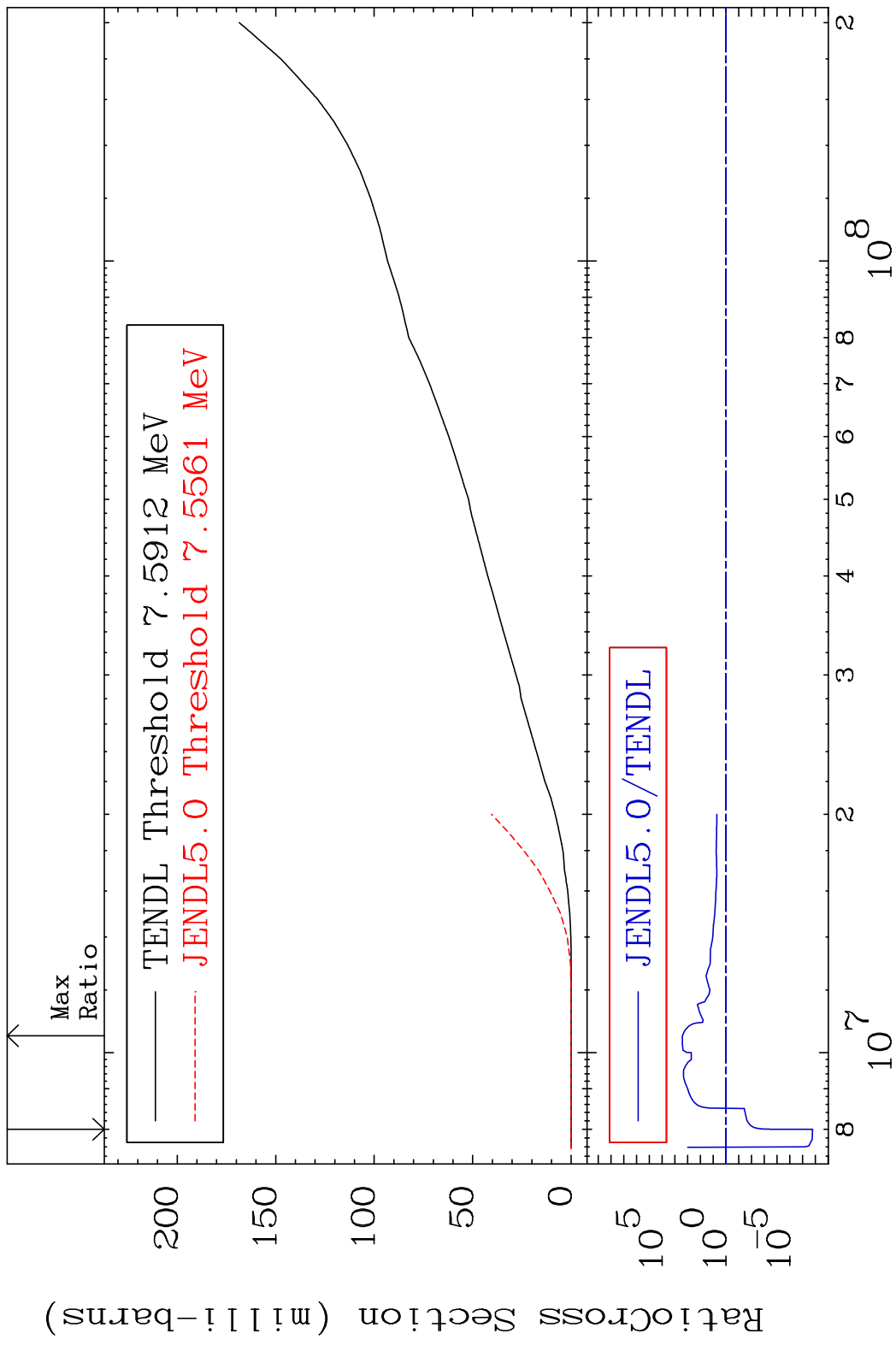


MAT 4846 Hydrogen Production 48-Cd-113
 Cross Section -100.0 To 1554. %

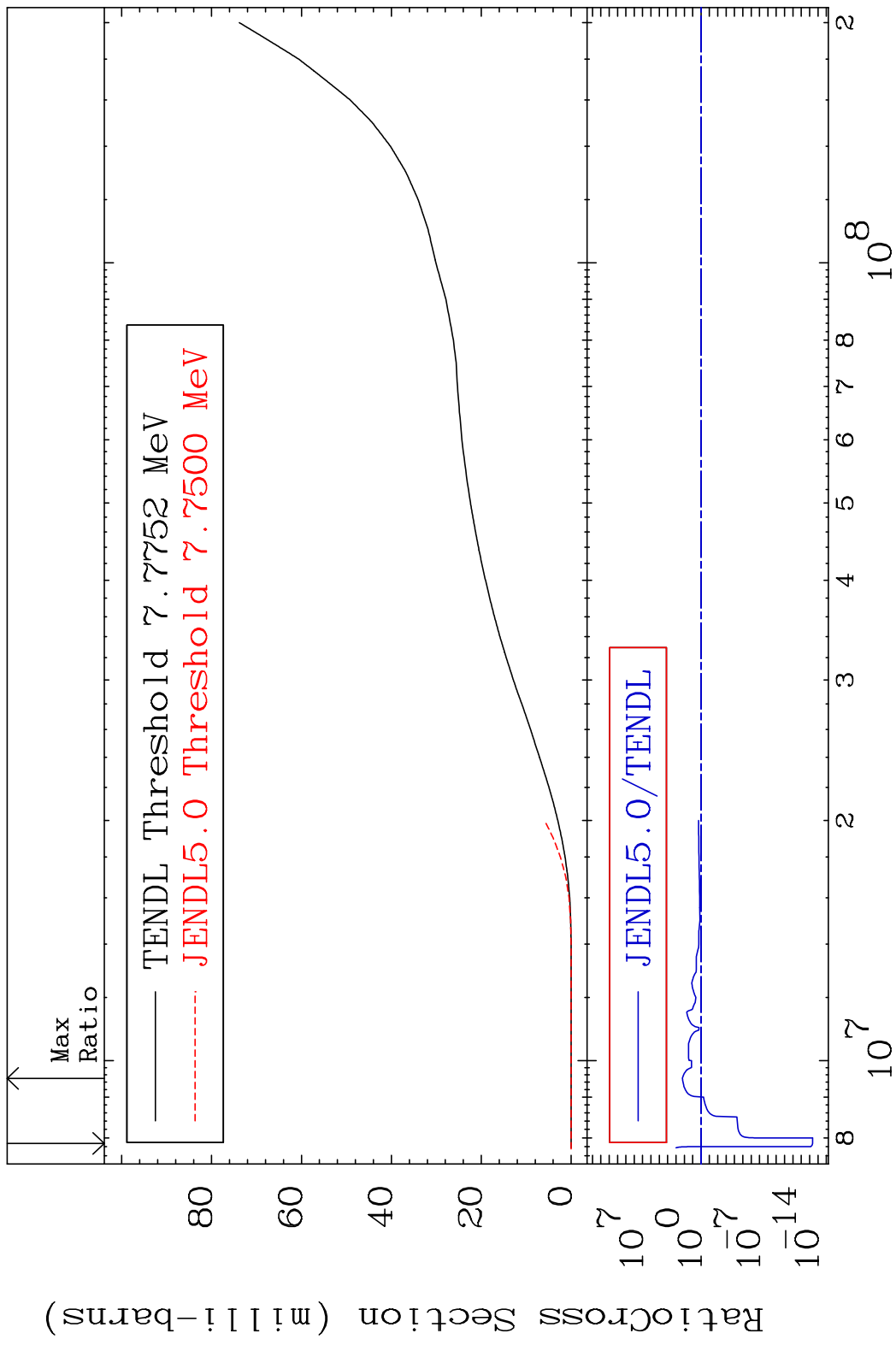


46 Incident Energy (eV) 48-Cd-113

MAT 4846 Deuterium Production 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846 Tritium Production 48-Cd-113
 Cross Section -100.0 To 9999. %



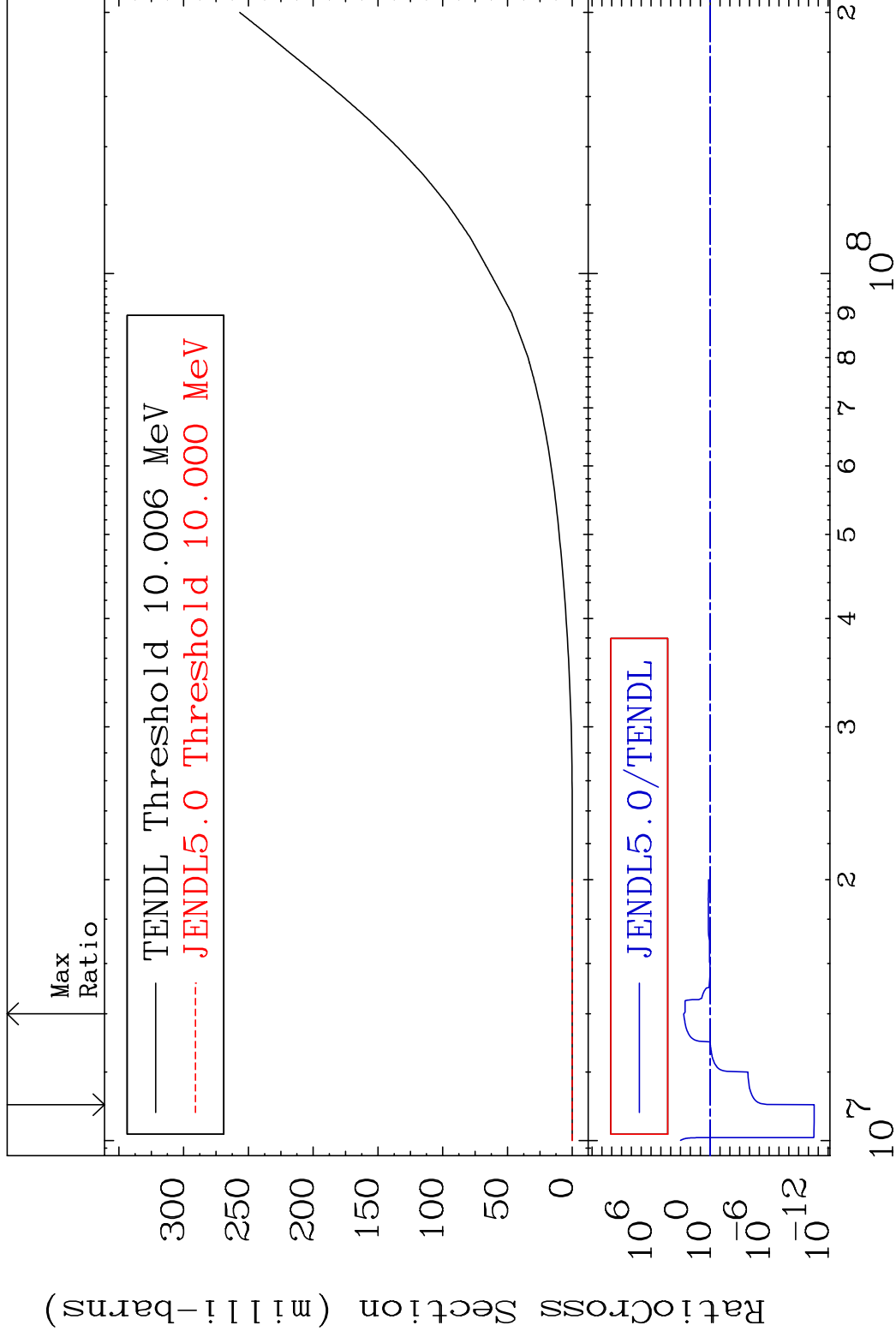
48 48-Cd-113

MAT 4846

He-3 Production

48-Cd-113

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

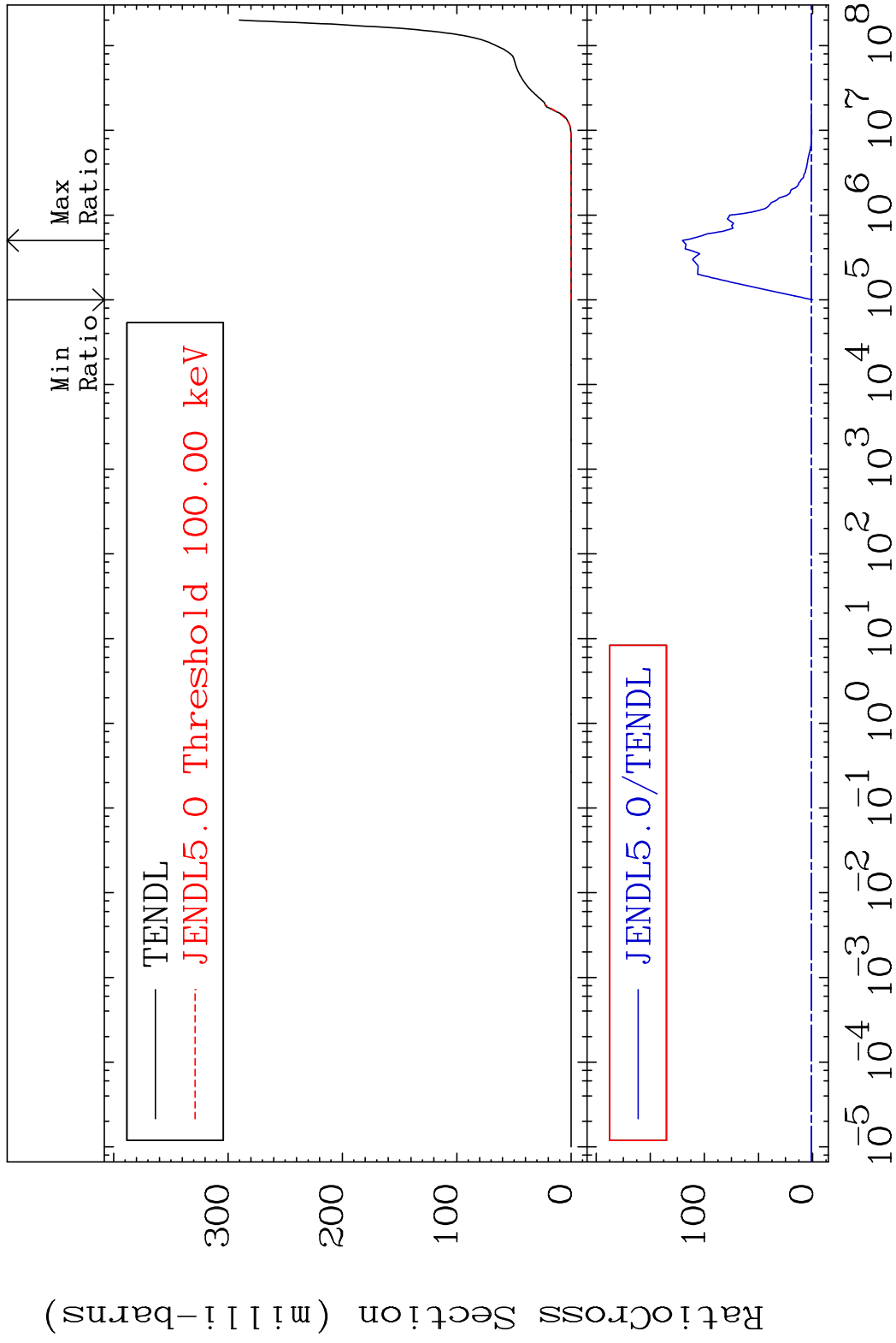
48-Cd-113

MAT 4846

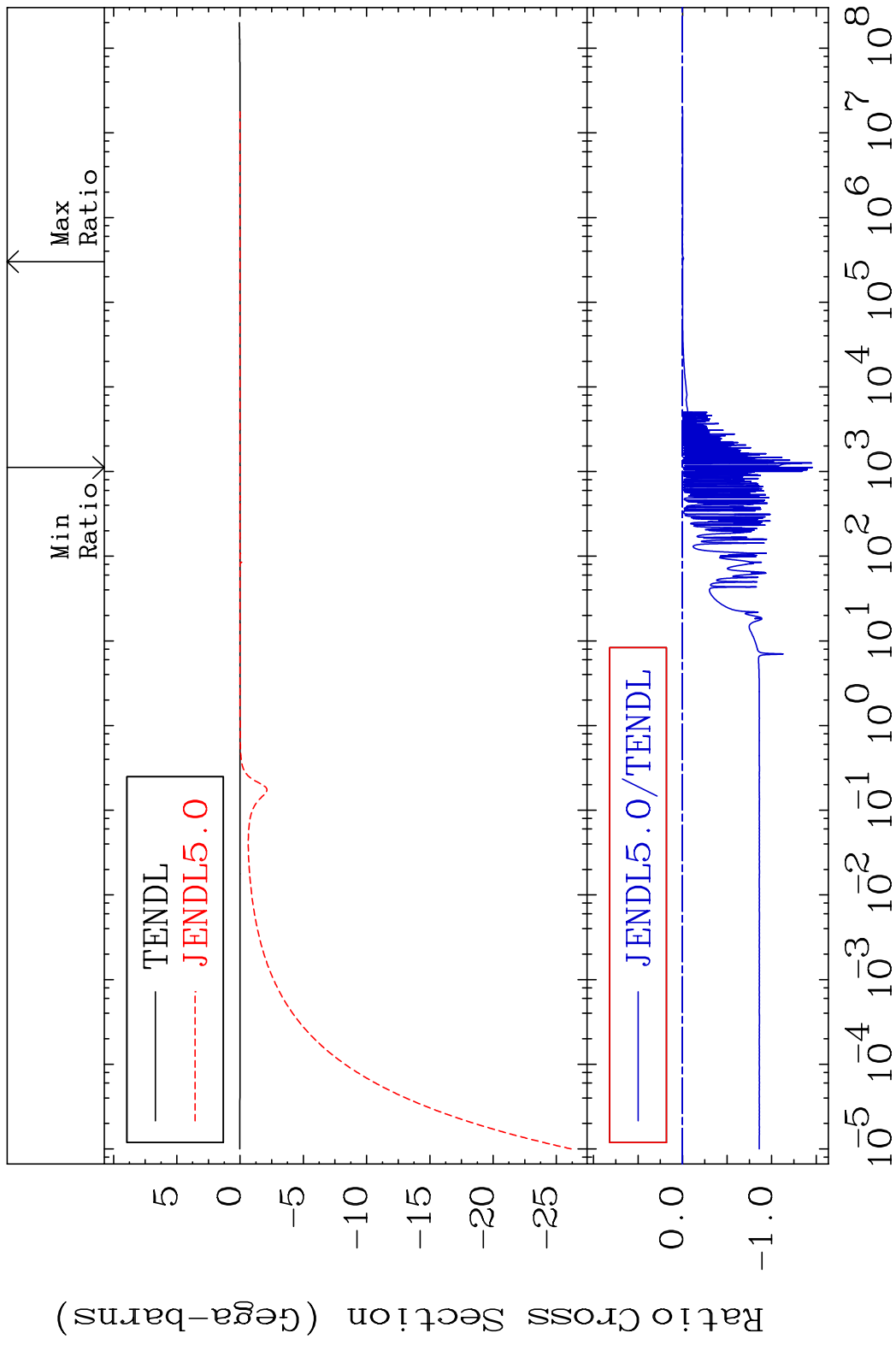
He-4 Production

48-Cd-113

Cross Section -100.0 To 9999. %



MAT 4846 Kerma total (eV-barns) 48-Cd-113
 Cross Section -9999. To 150.9 %

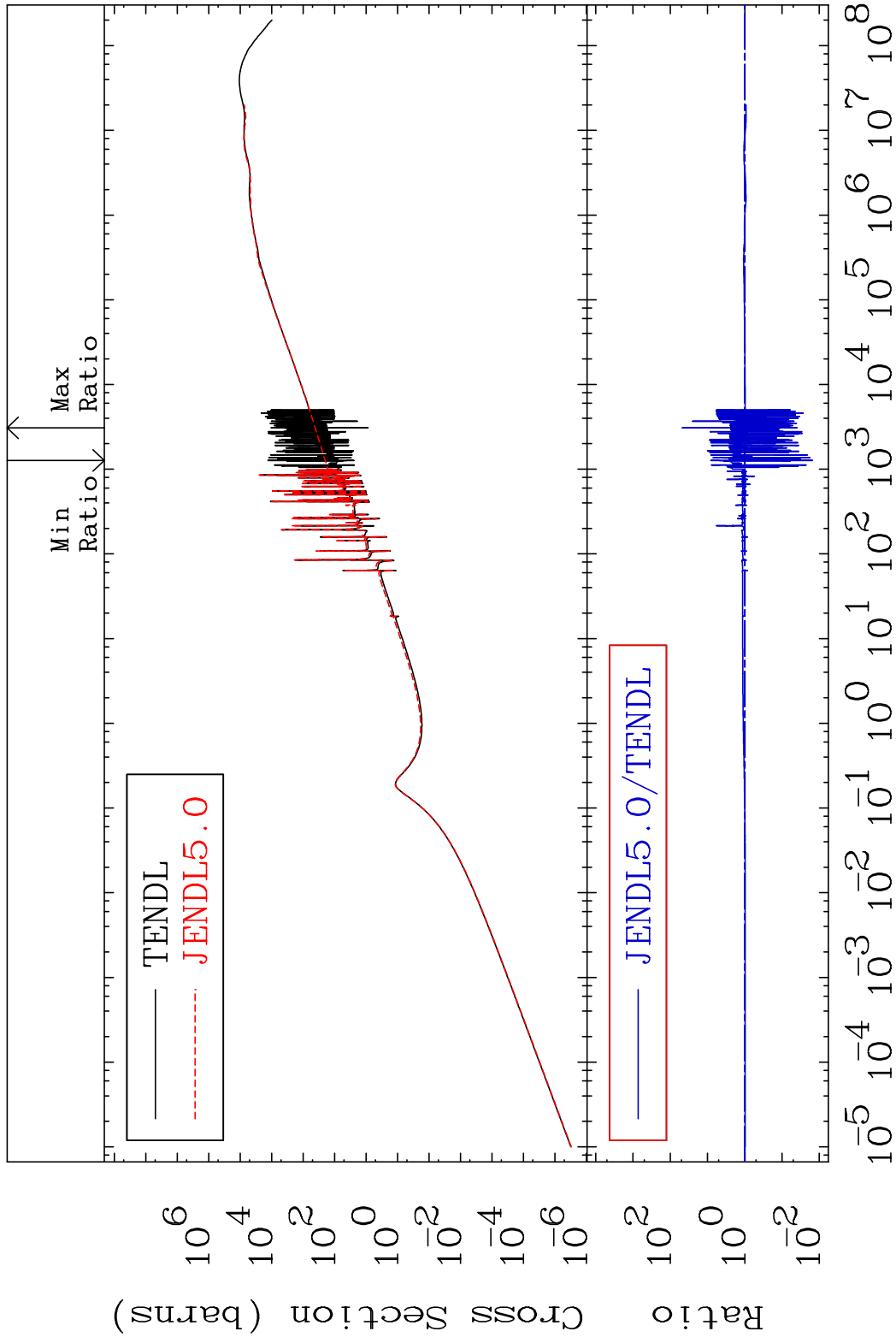


MAT 4846

Kerma elastic

48-Cd-113

Cross Section -98.48 To 4642. %

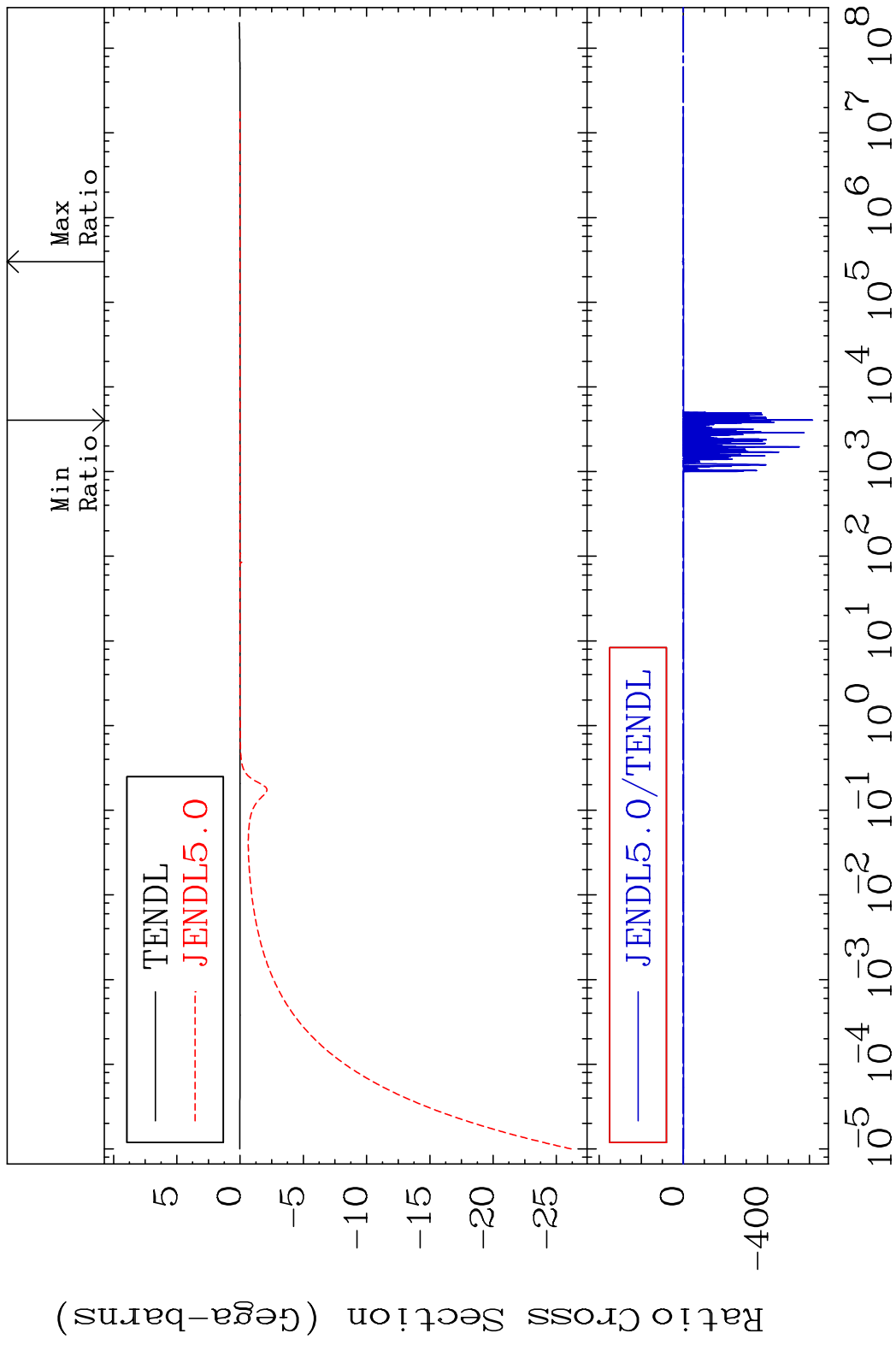


52

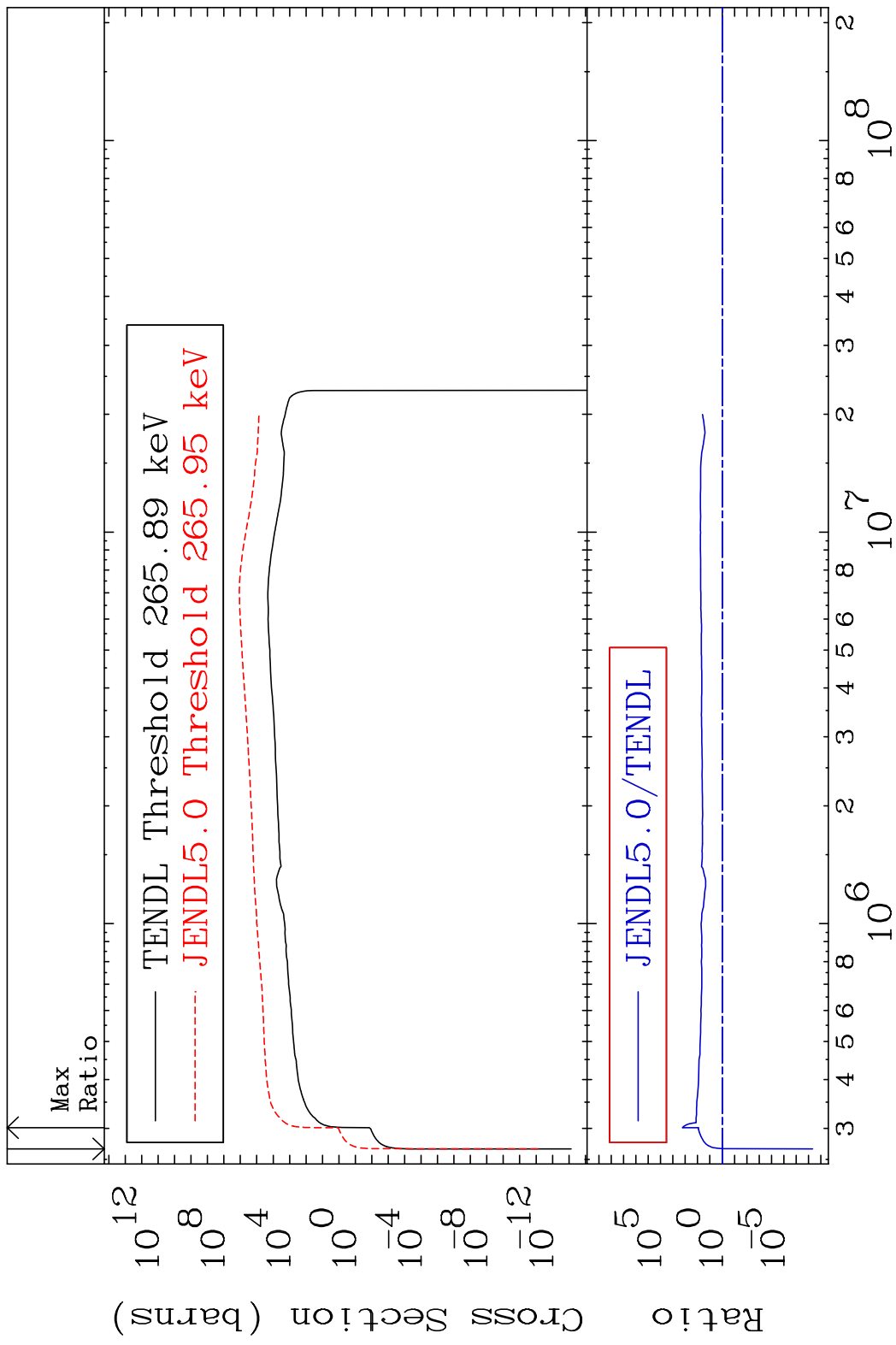
Incident Energy (eV)

48-Cd-113

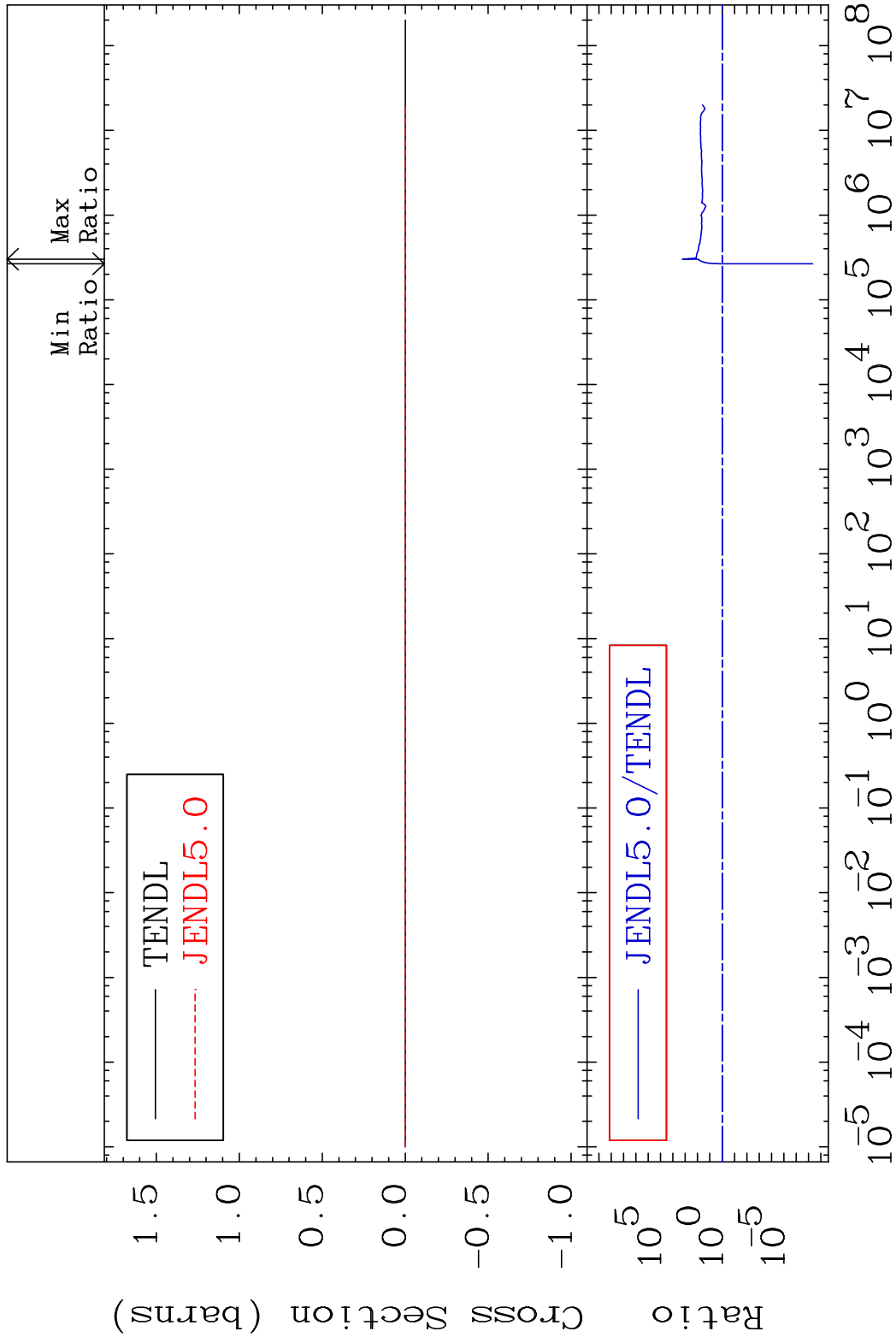
MAT 4846 Kerma non-elastic (all but mt2) 48-Cd-113
Cross Section -9999. To 9999. %



MAT 4846 Kerma inelastic (mt51-91) 48-Cd-113
 Cross Section -100.0 To 9999. %

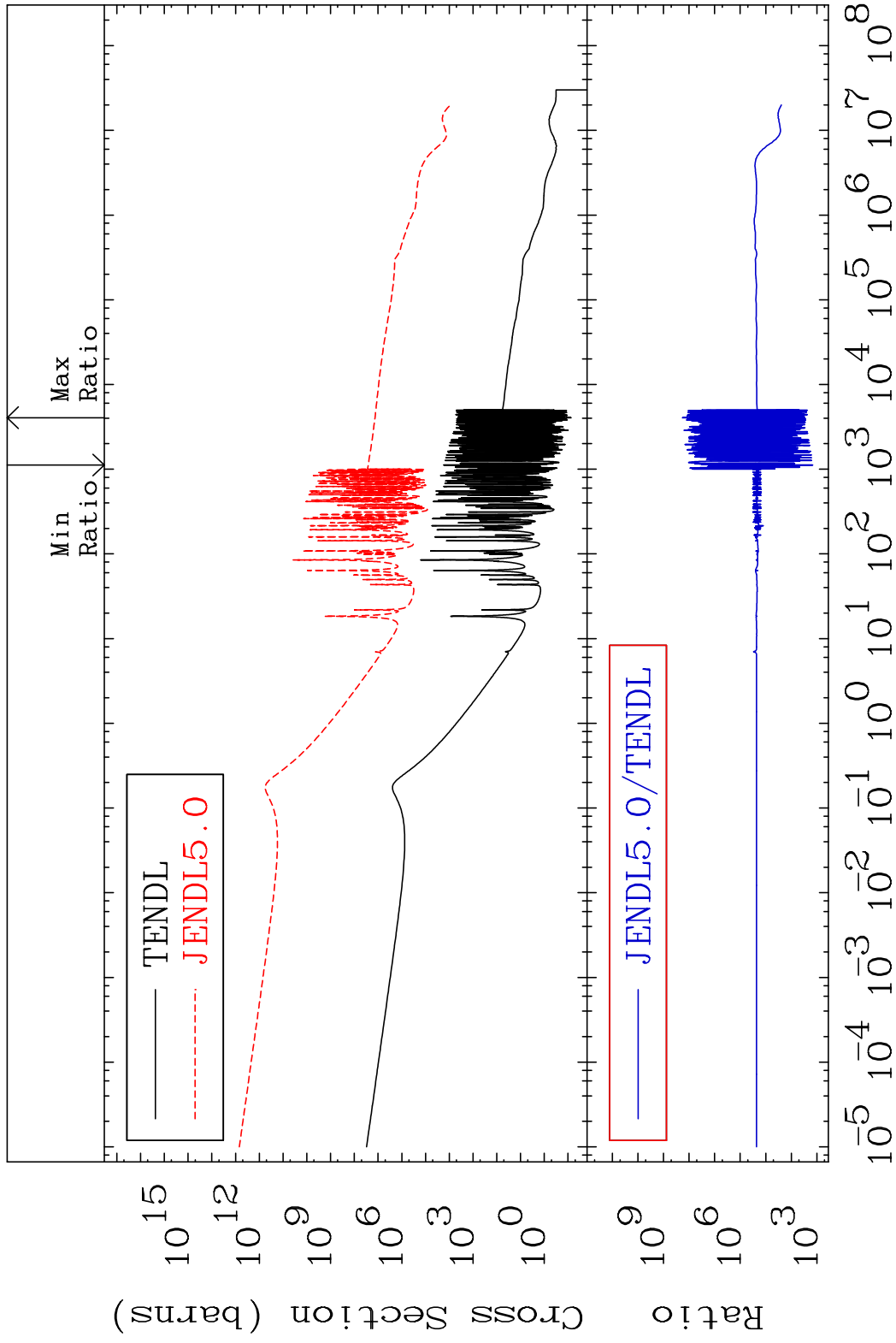


MAT 4846 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-113
 Cross Section -100.0 To 9999. %



MAT 4846

Kerma capture (mt102) 48-Cd-113
Cross Section 9999. To 9999. %



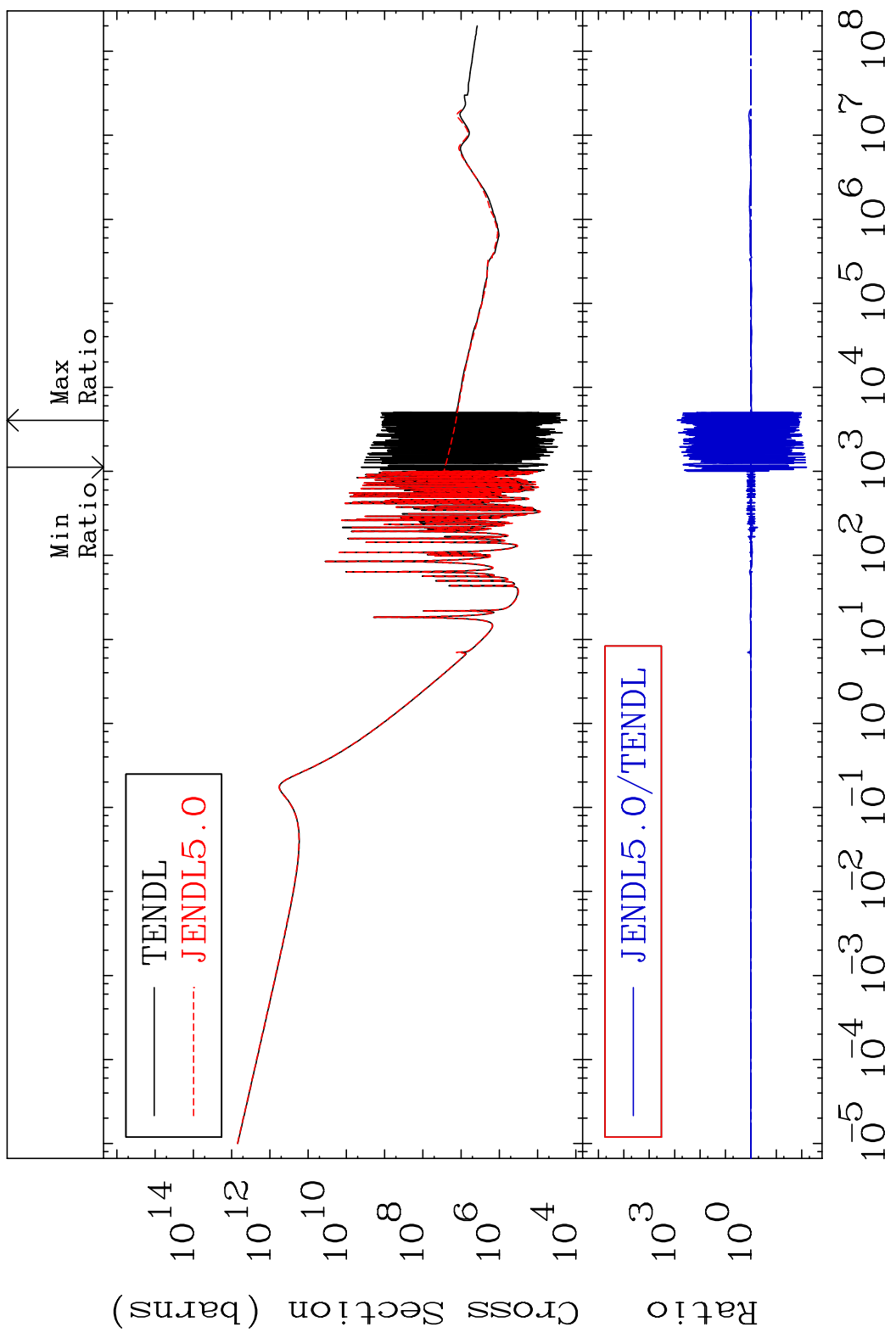
56

Incident Energy (eV)

48-Cd-113

MAT 4846

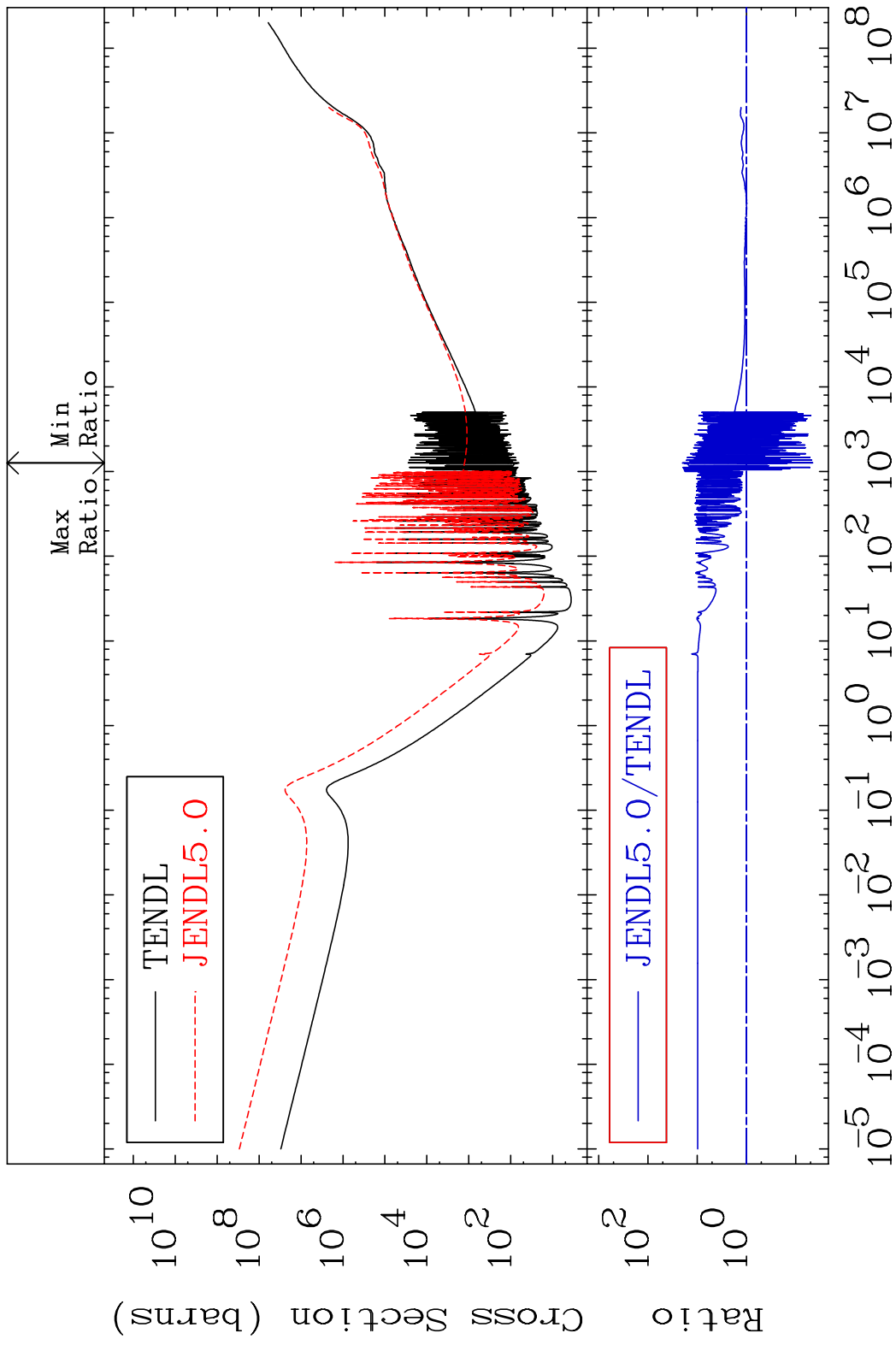
Total photon (eV-barns) 48-Cd-113
Cross Section -99.35 To 9999. %



57

Incident Energy (eV) 48-Cd-113

MAT 4846 Total kinematic kerma (high limit) 48-Cd-113
 Cross Section -95.47 To 1895. %

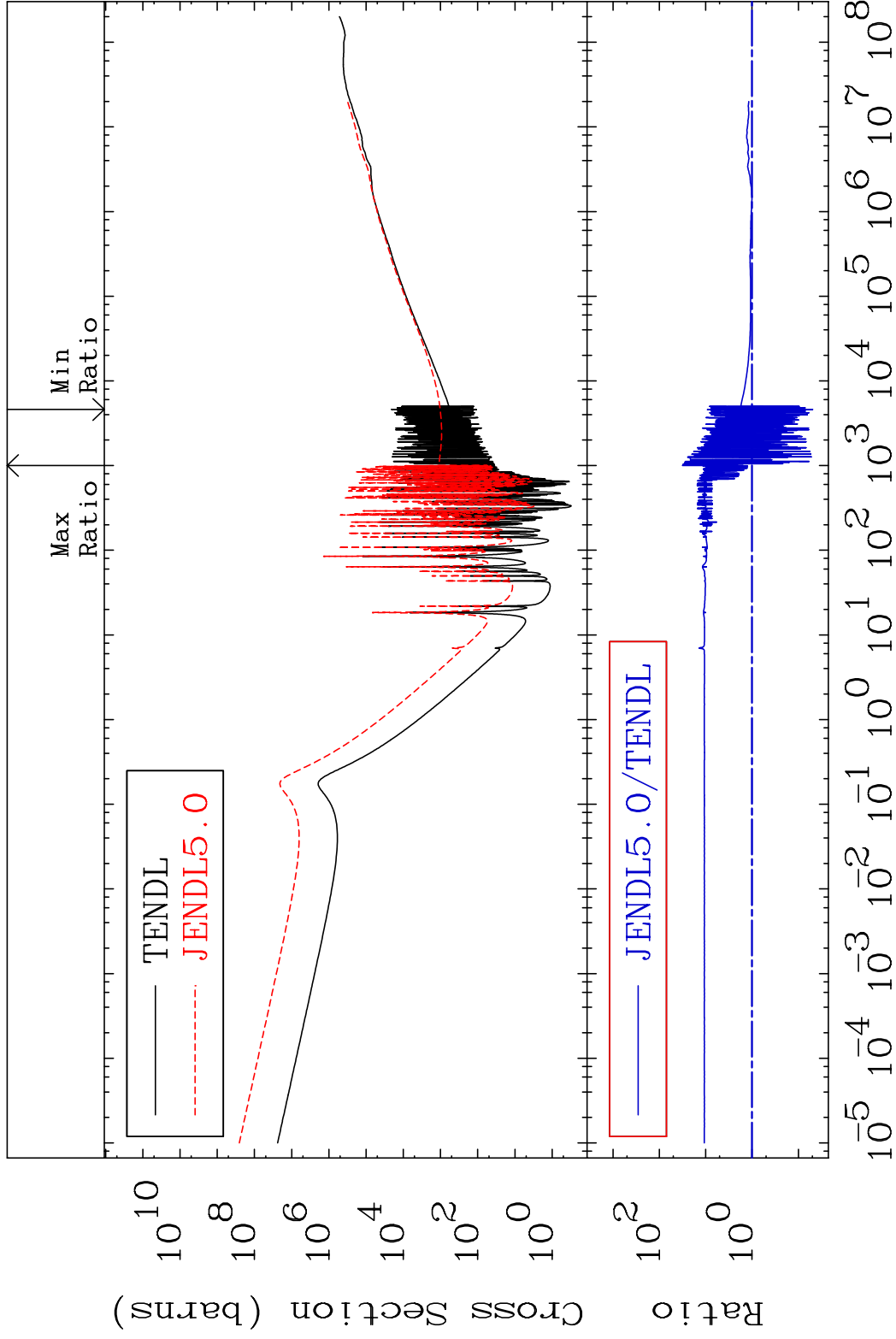


MAT 4846

Dpa total (eV-barns)

48-Cd-113

Cross Section -95.06 To 3097. %



59

Incident Energy (eV)

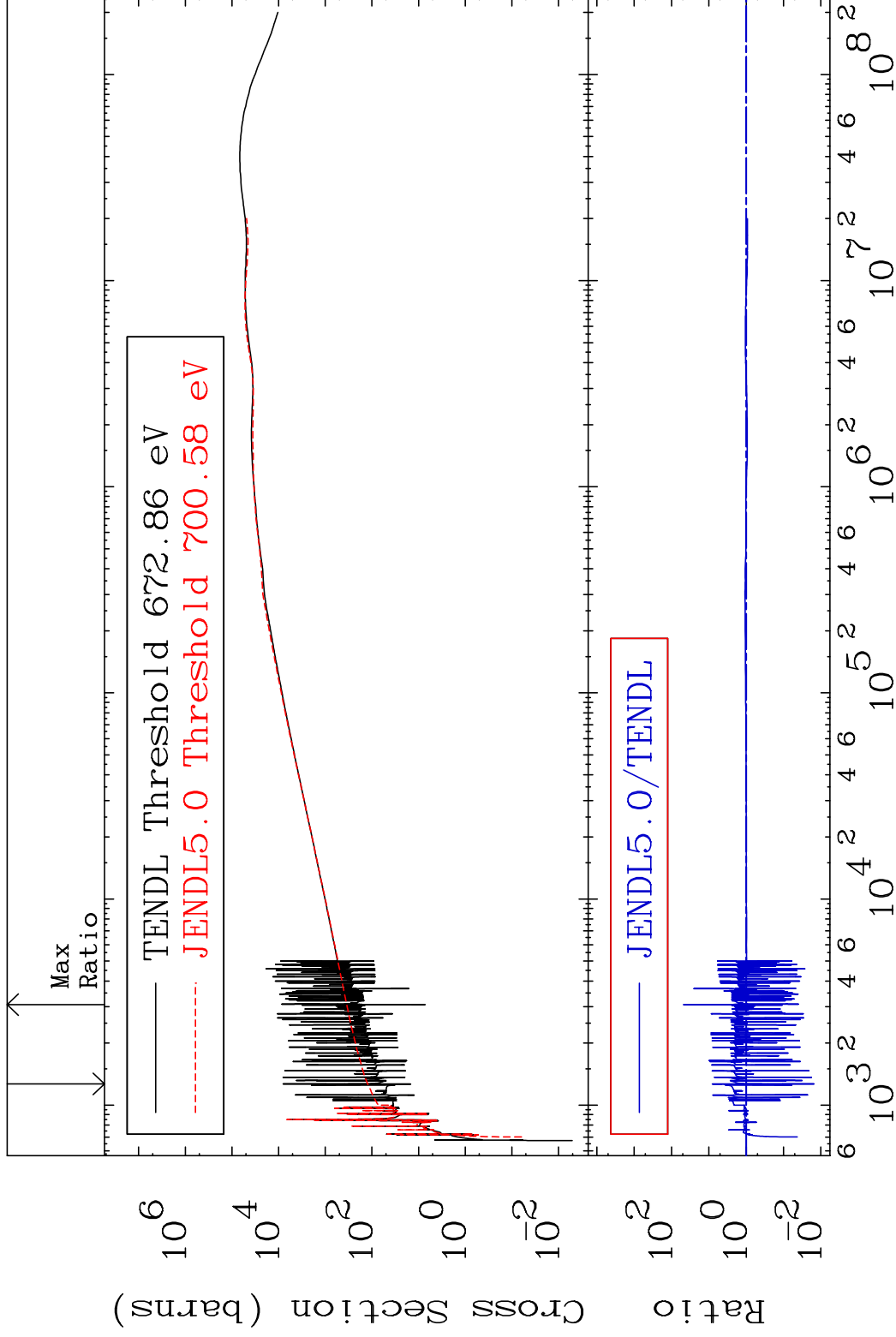
48-Cd-113

MAT 4846

Dpa elastic (mt2)

48-Cd-113

Cross Section -98.48 To 4629. %

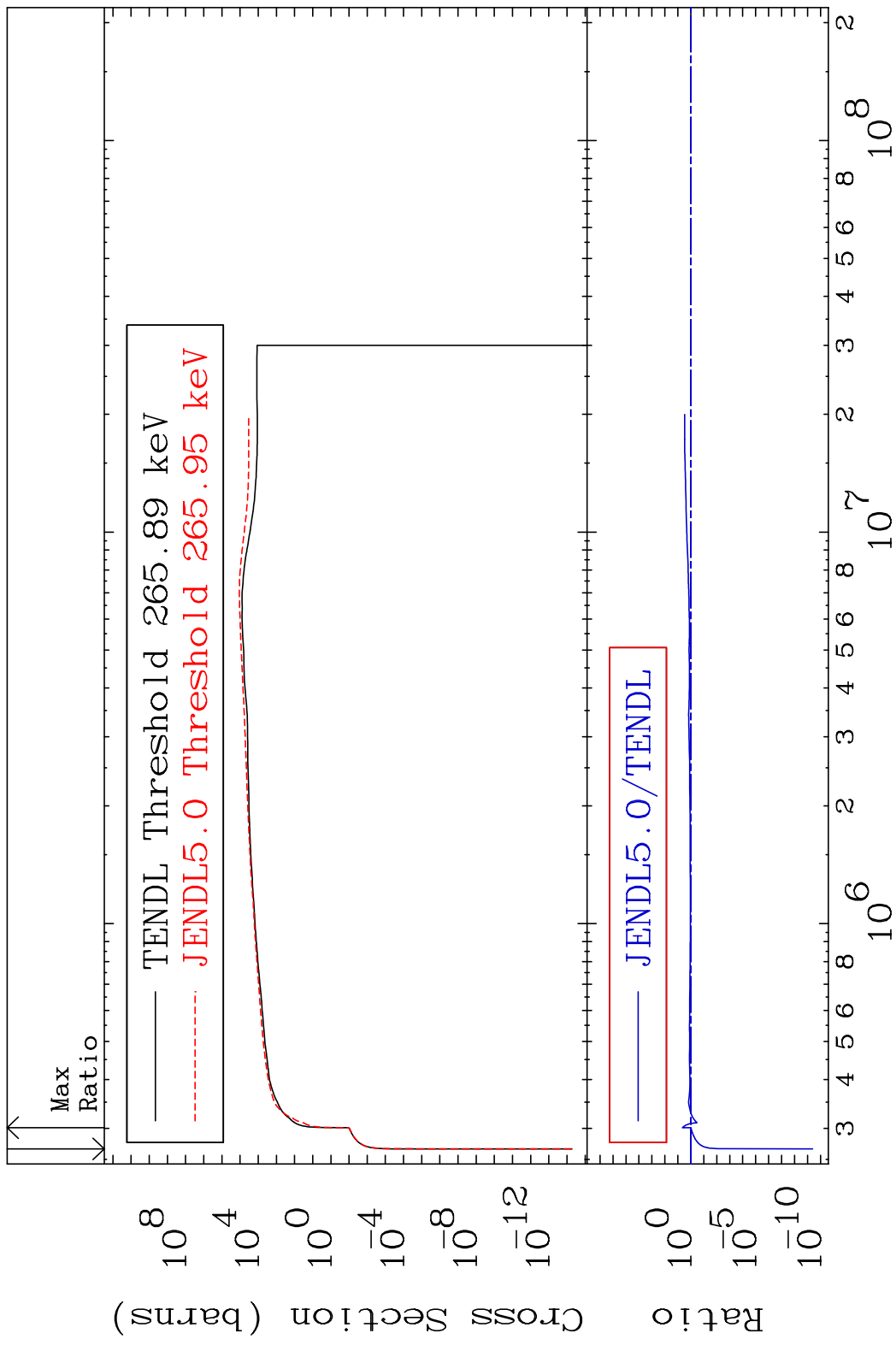


60

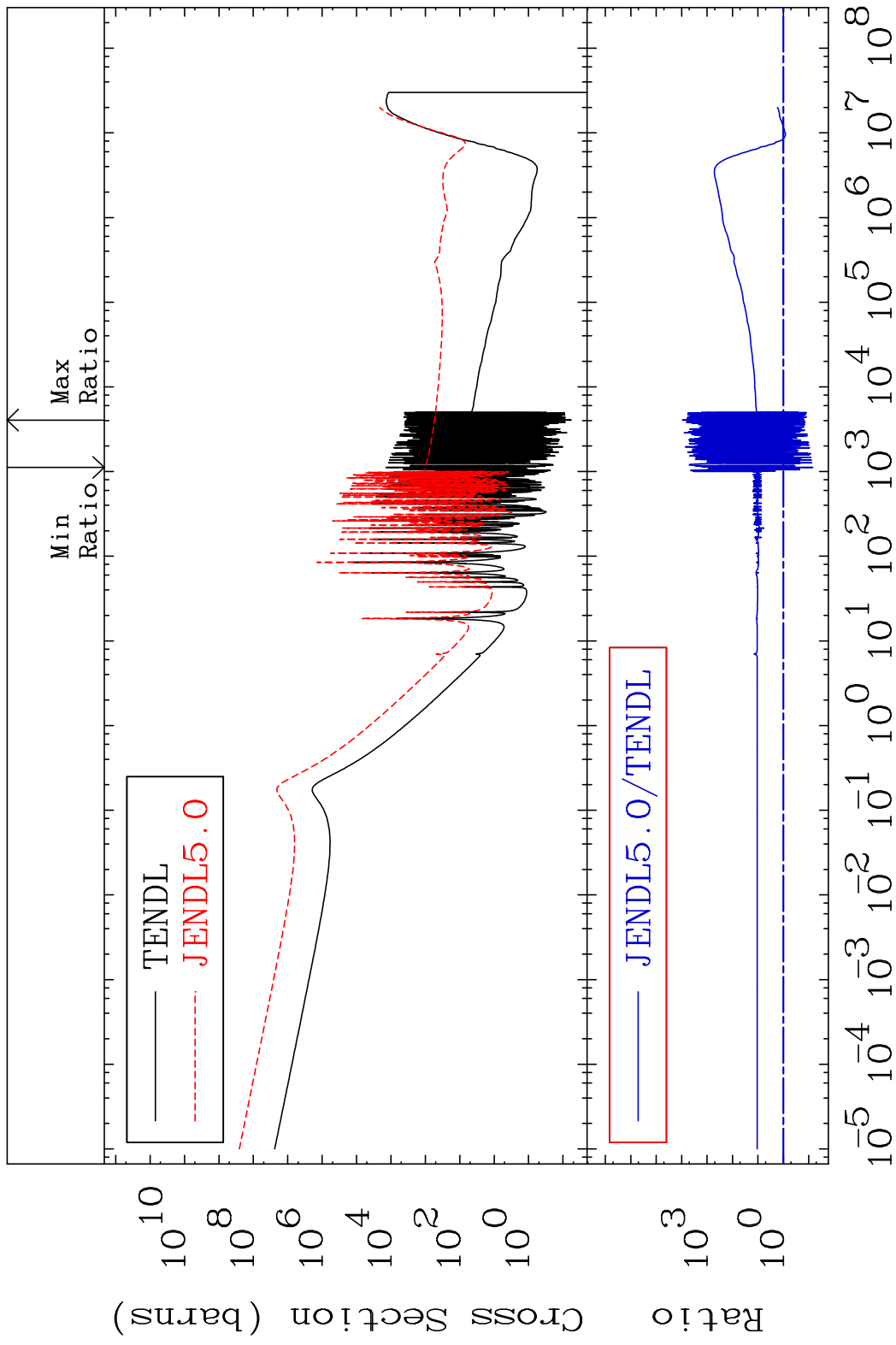
Incident Energy (eV)

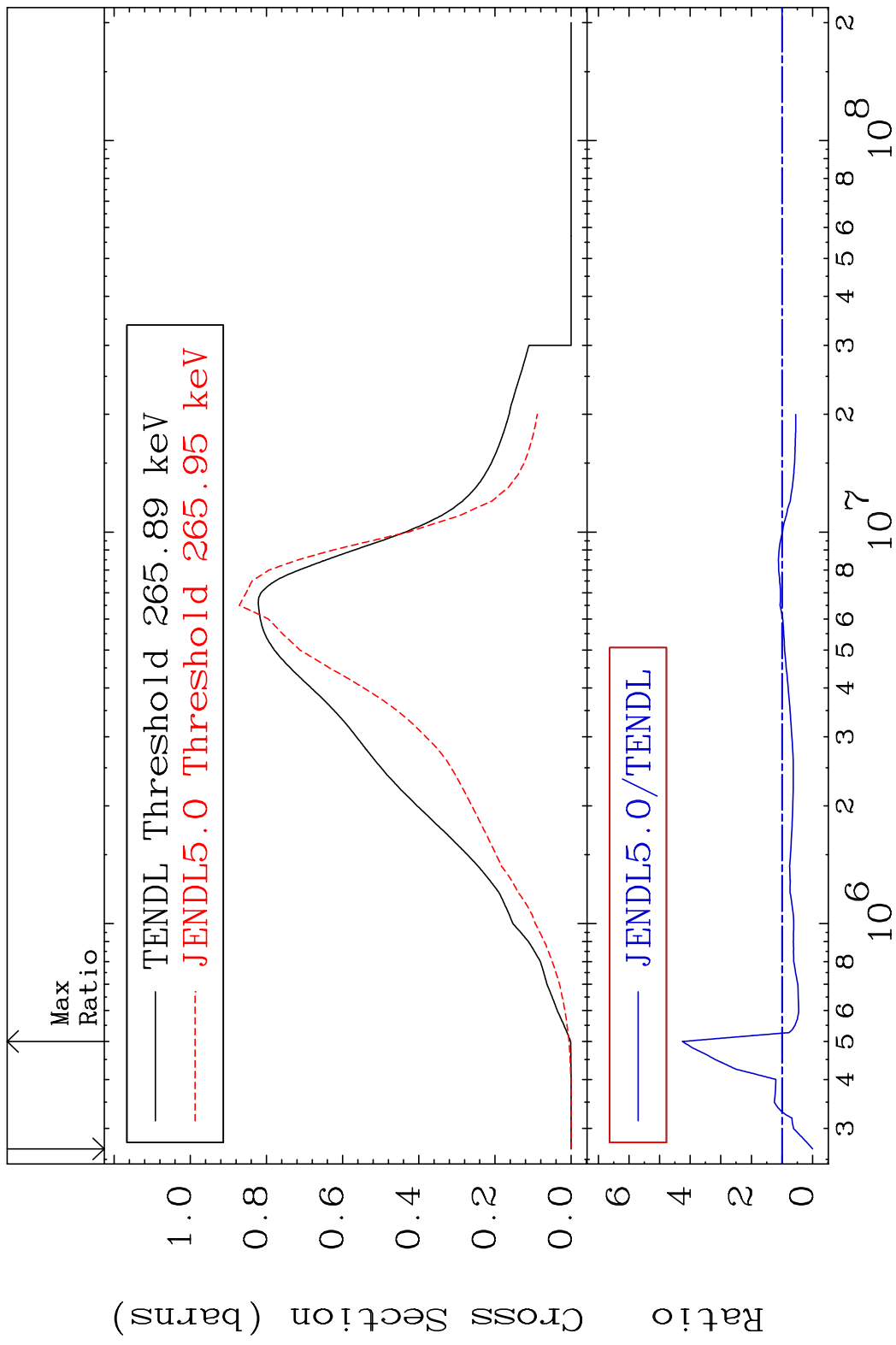
48-Cd-113

MAT 4846 Dpa inelastic (mt51-91) 48-Cd-113
 Cross Section -100.0 To 349.3 %

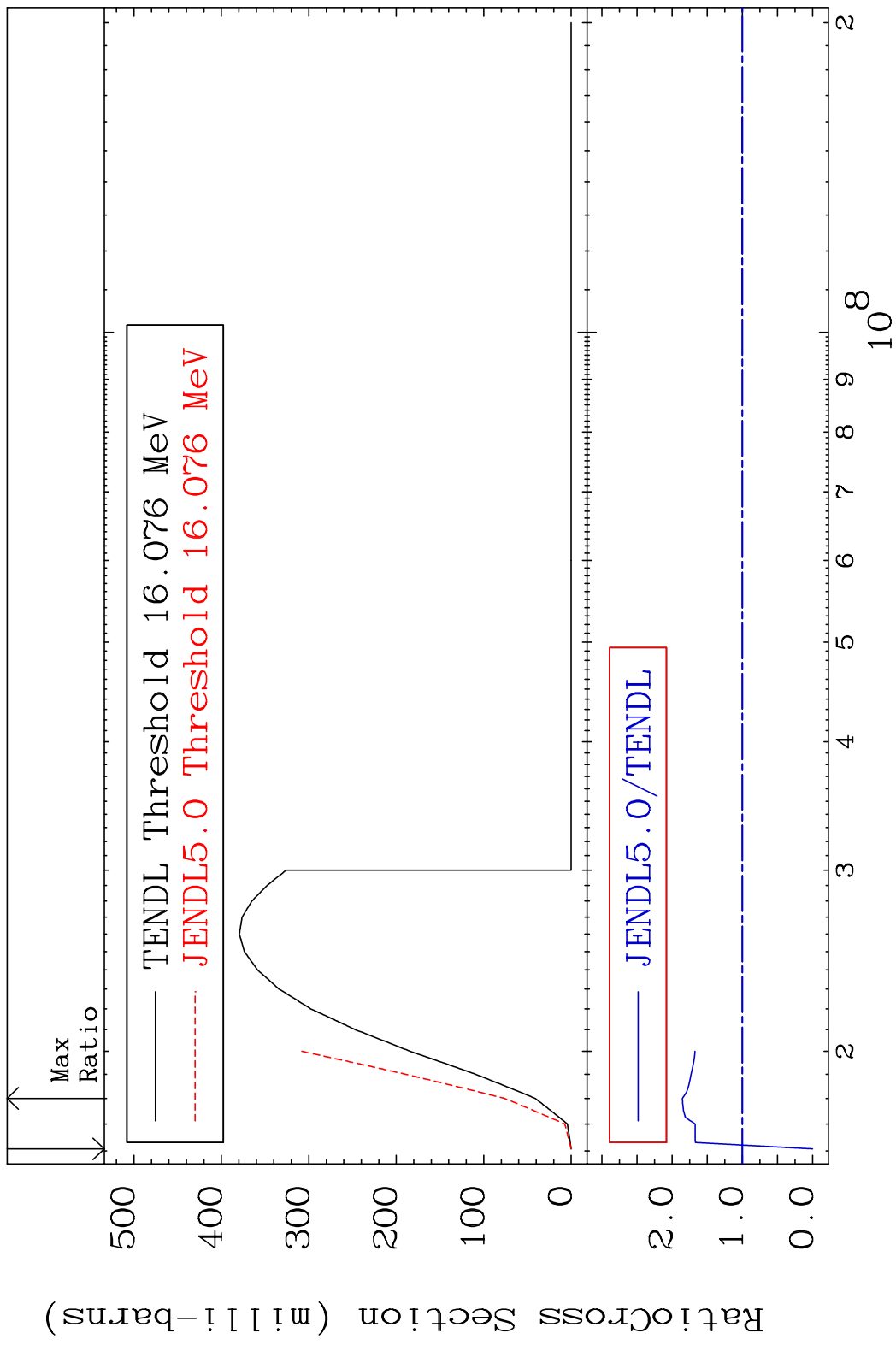


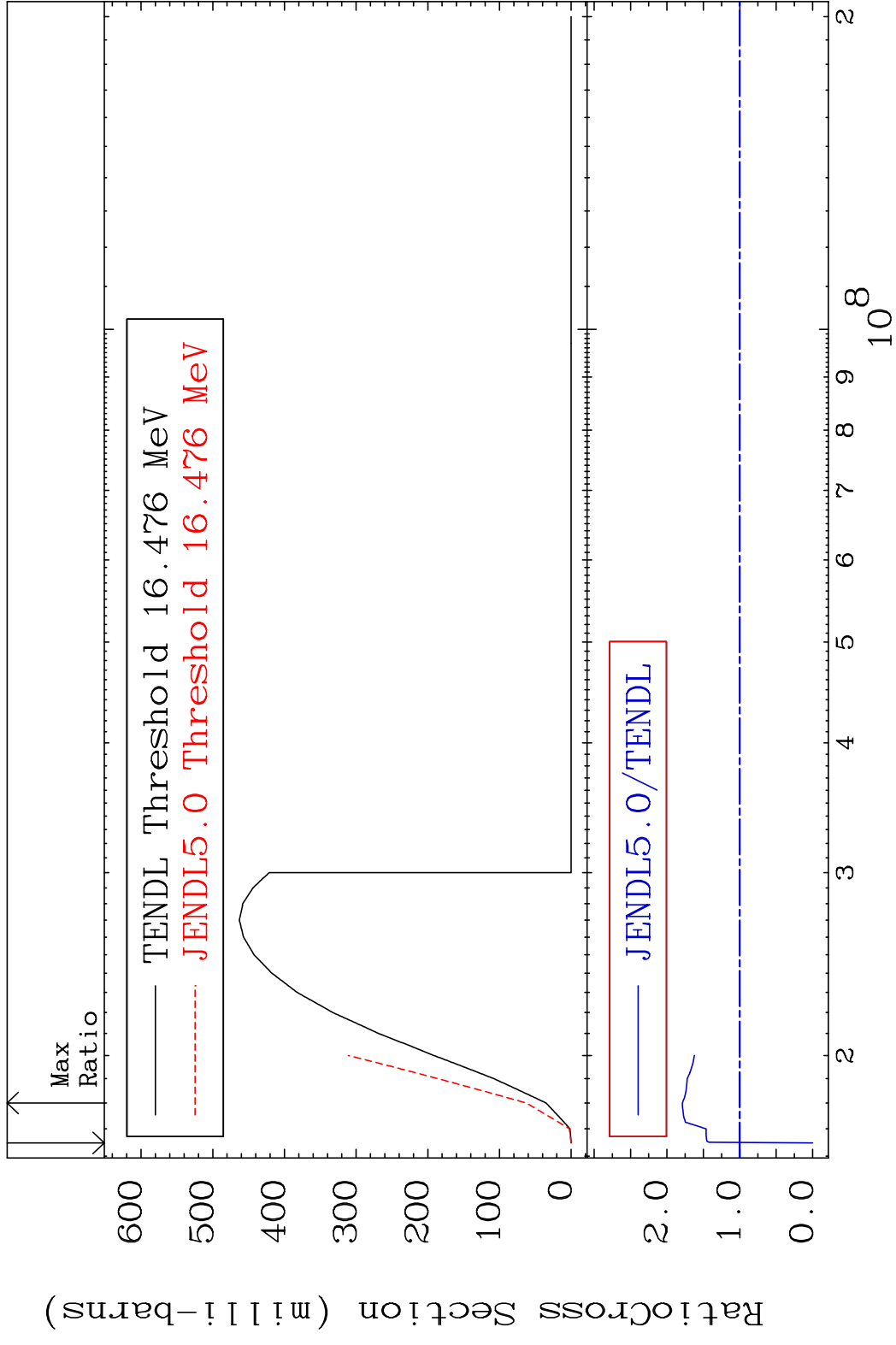
MAT 4846 Dpa disappearance (mt102 -120) 48-Cd-113
 Cross Section -92.94 To 9999. %

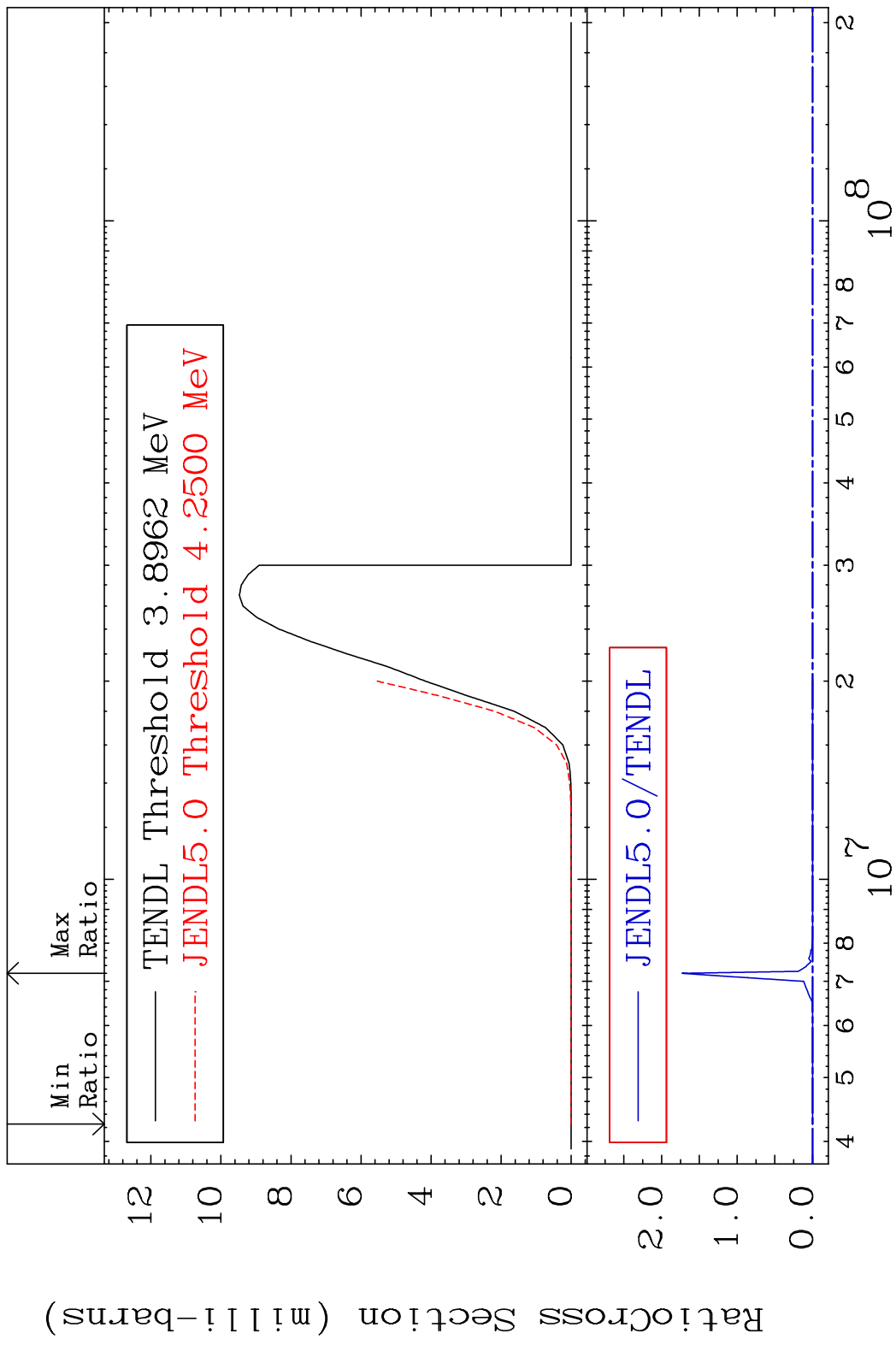


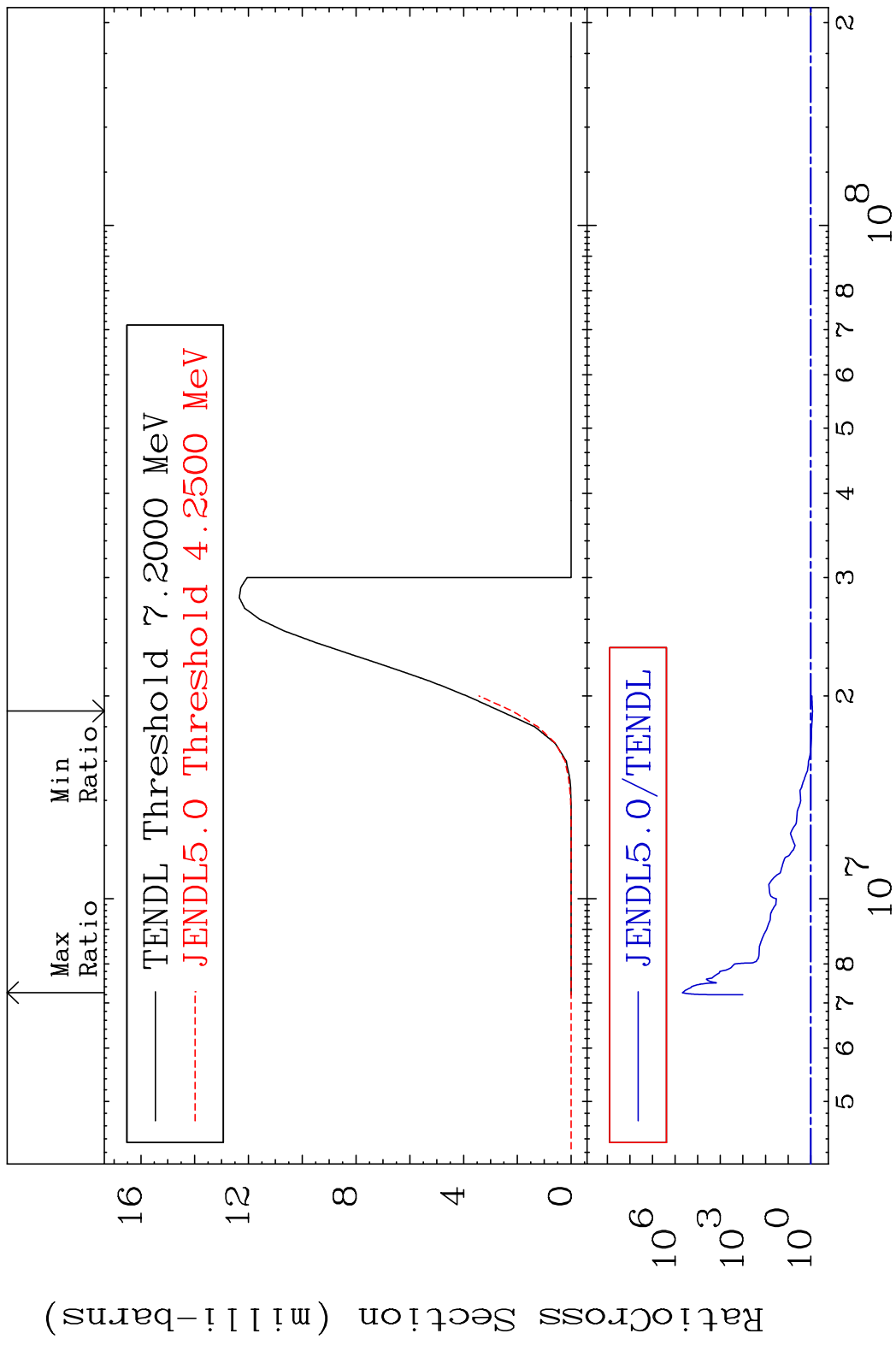


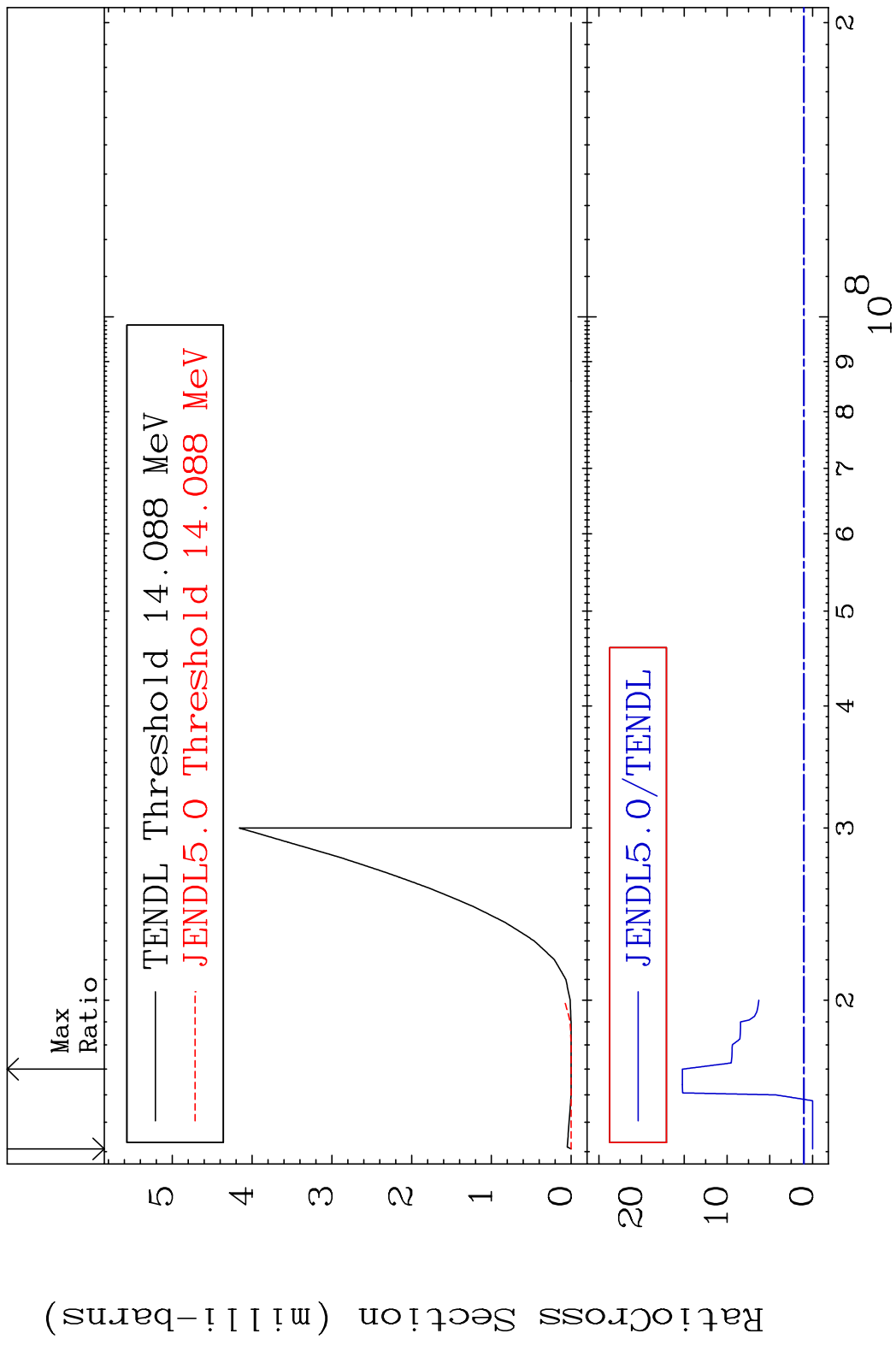
MAT 4846 (n,3n):48-Cd-111g 48-Cd-113
 Radionuclide Production Cross Section 180.01 dth 85.32 %



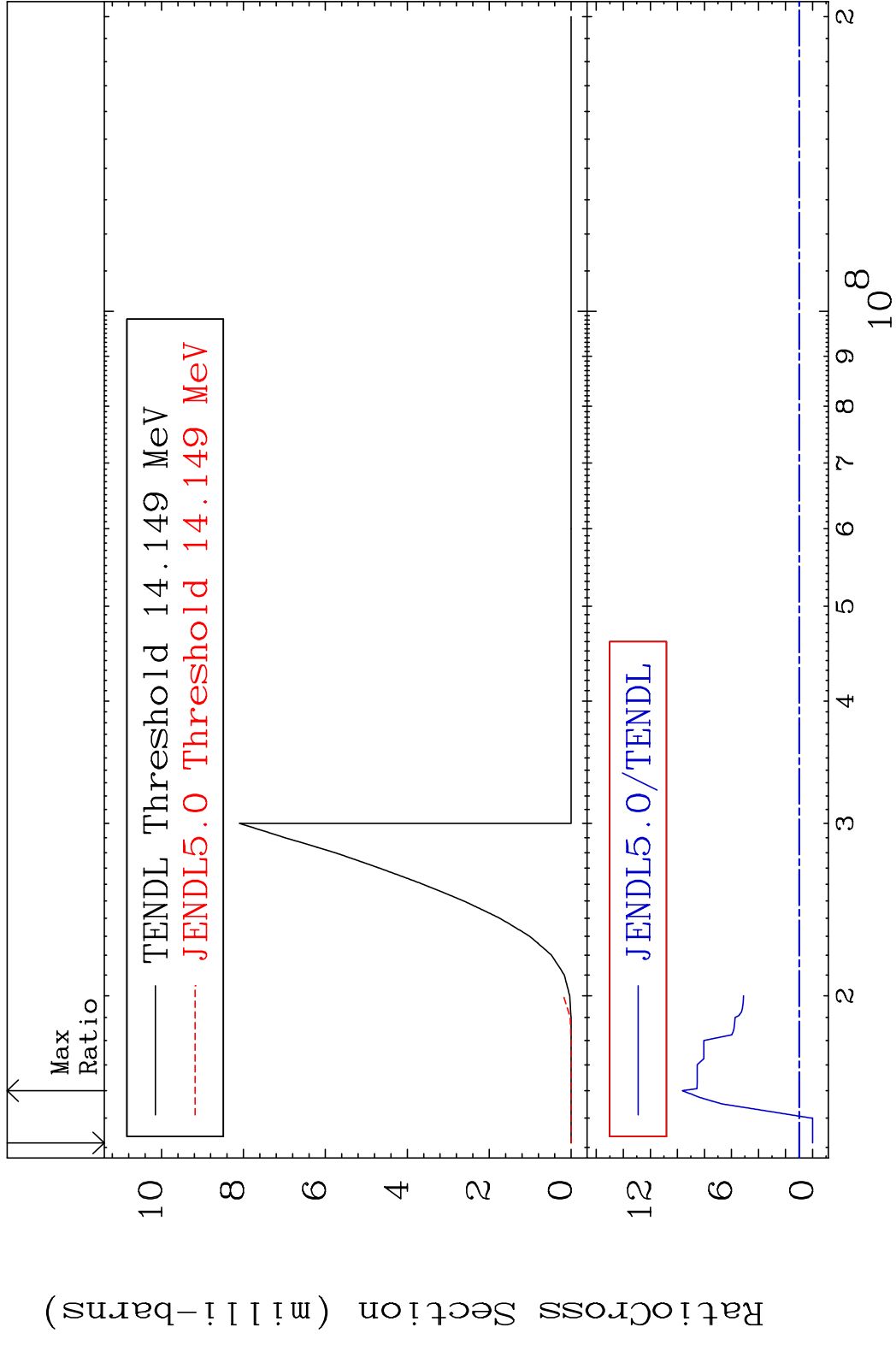




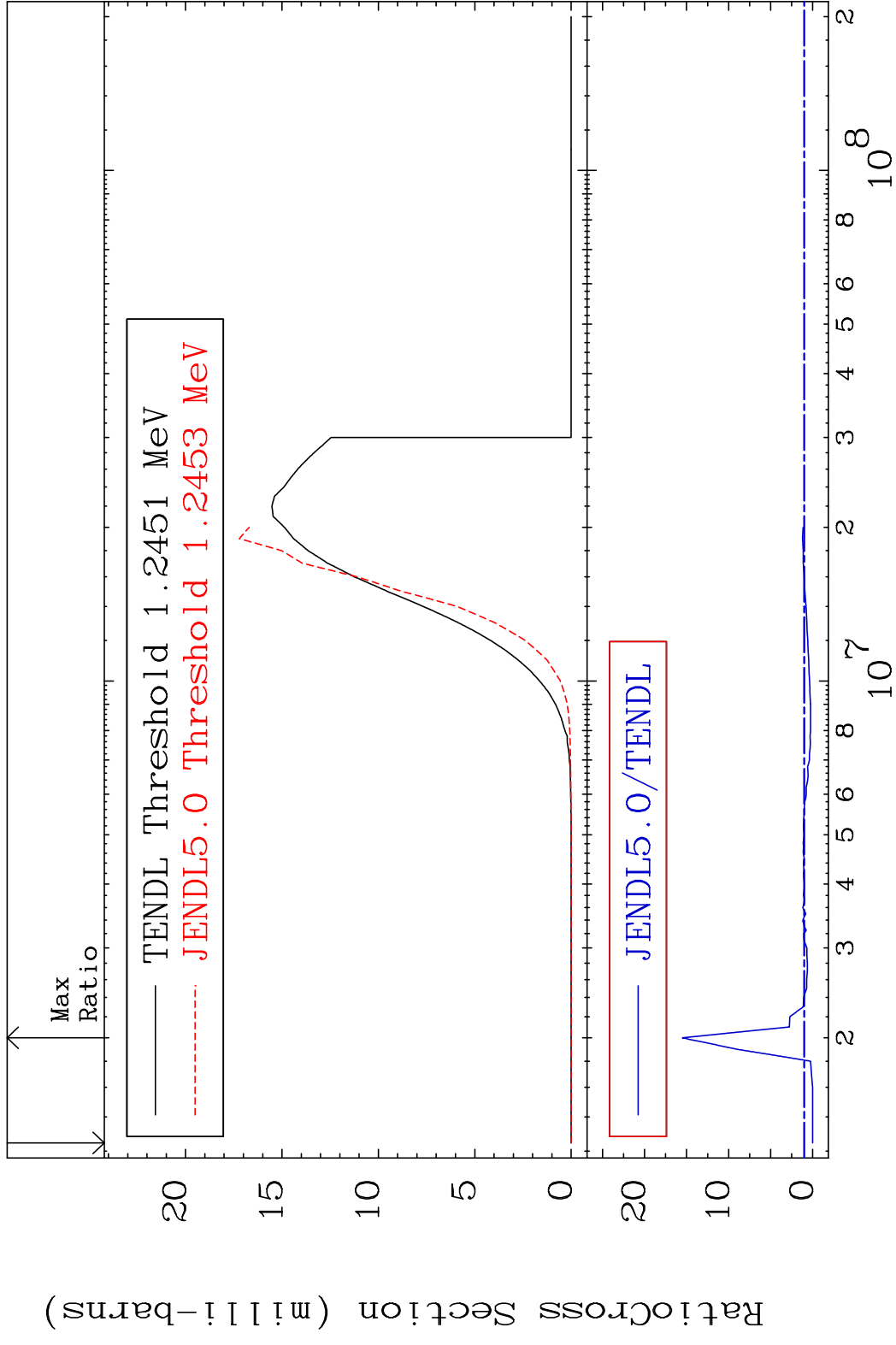




MAT 4846 (n, n') d:47-Ag-111m1 48-Cd-113
 Radionuclide Production Cross Section Ratio 863.3 %



MAT 4846 (n,p):47-Ag-113g 48-Cd-113
 Radionuclide Production Cross Section 18000 dth 1451. %



MAT 4846 (n, p): 47-Ag-113m1 48-Cd-113
 Radionuclide Production Cross Section 180.0 dth 2430. %

