

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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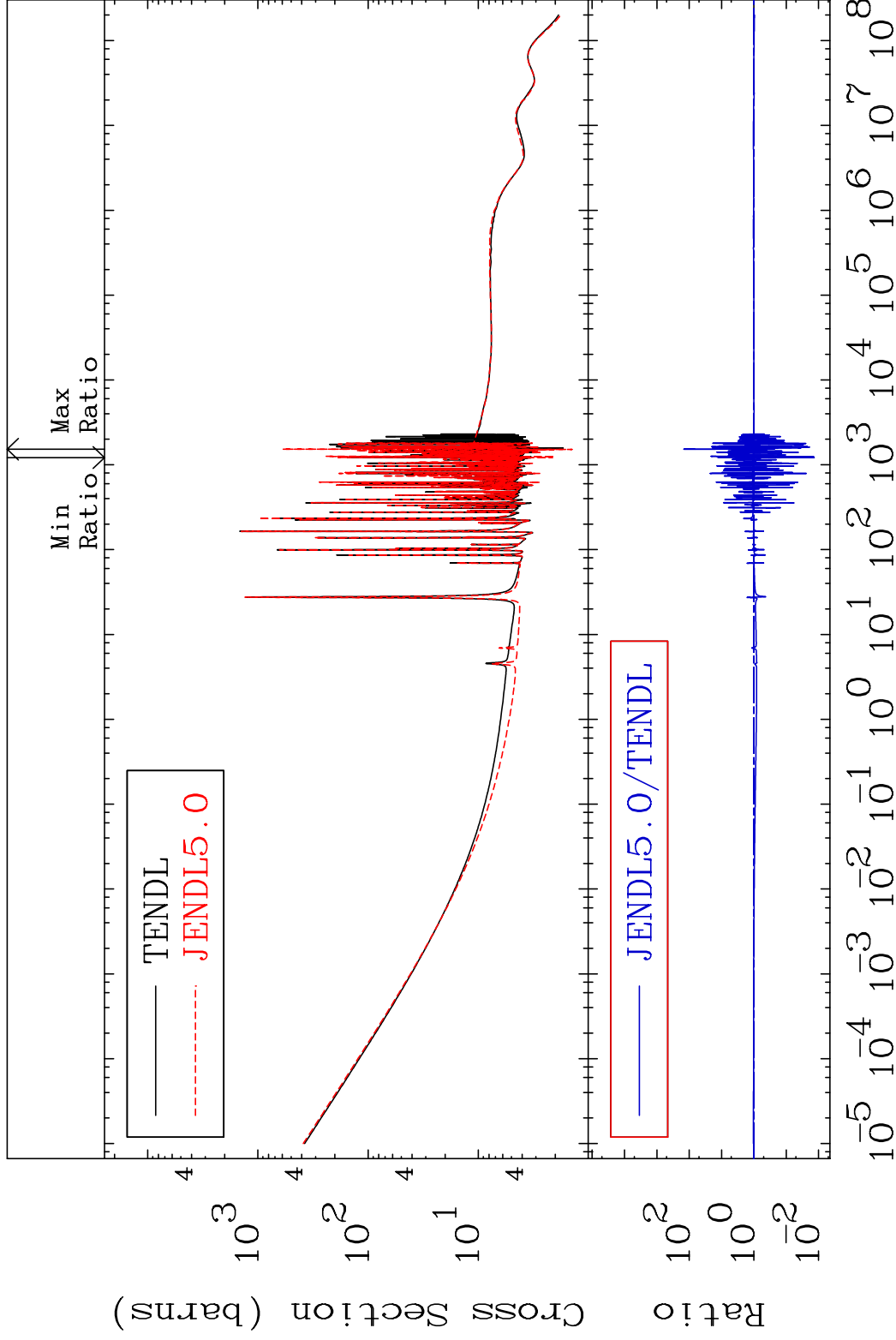
Press Mouse Button to Start

MAT 4840

Total

48-Cd-111

Cross Section -98.62 To 9999. %



1

Incident Energy (eV)

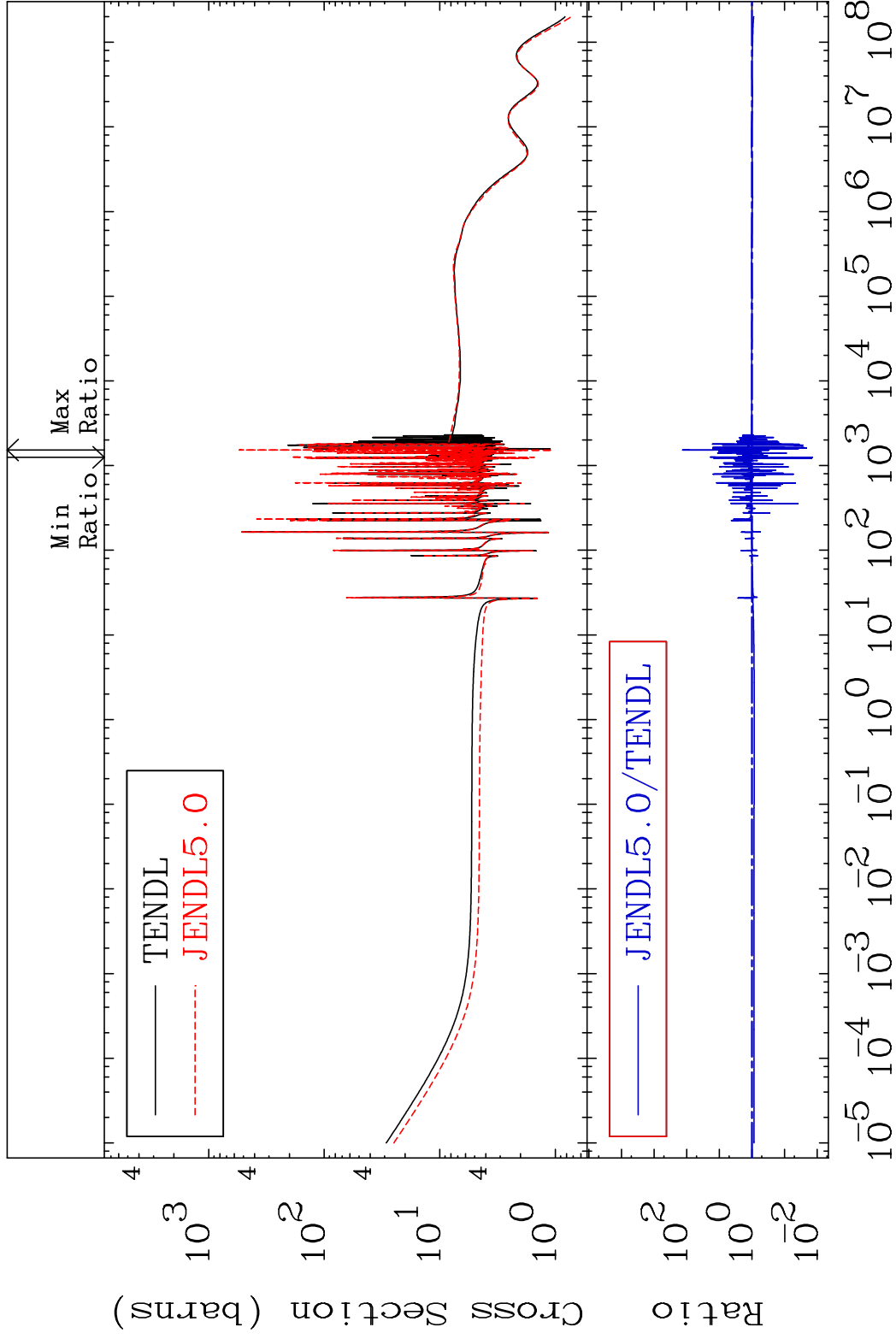
48-Cd-111

MAT 4840

Elastic

48-Cd-111

Cross Section -98.61 To 9999. %

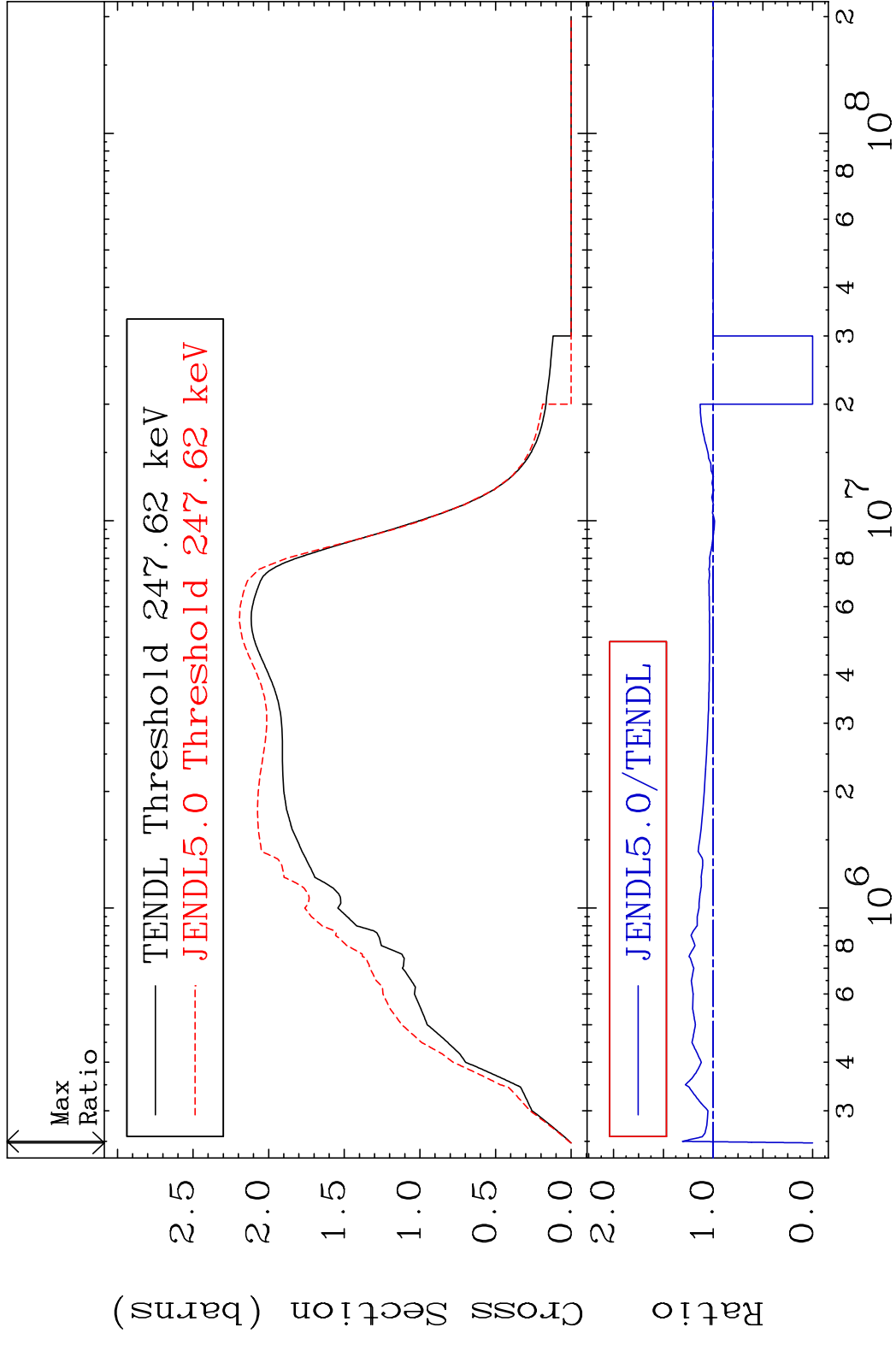


2

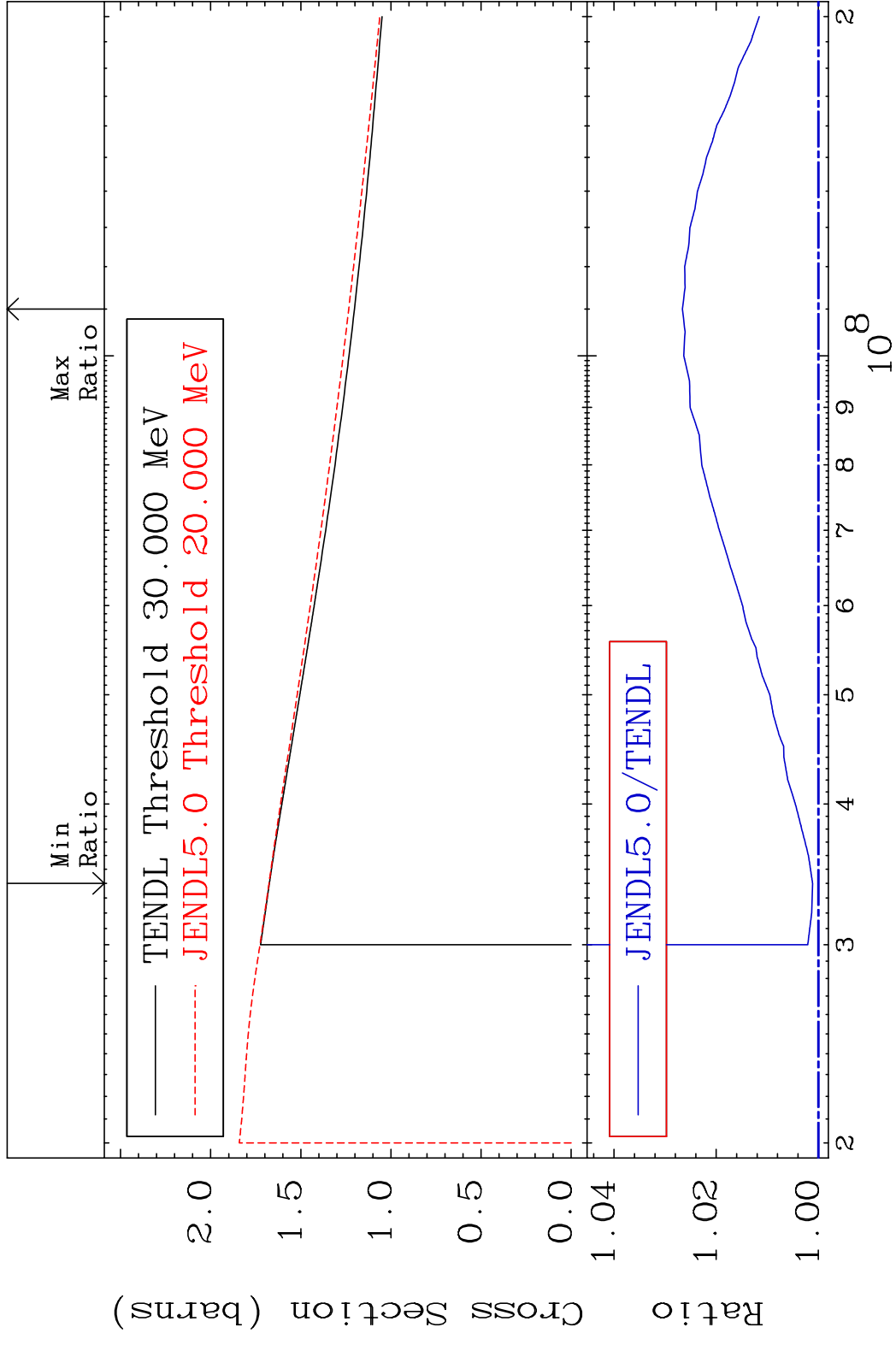
Incident Energy (eV)

48-Cd-111

MAT 4840 Inelastic 48-Cd-111
 Cross Section -100.0 To 30.90 %

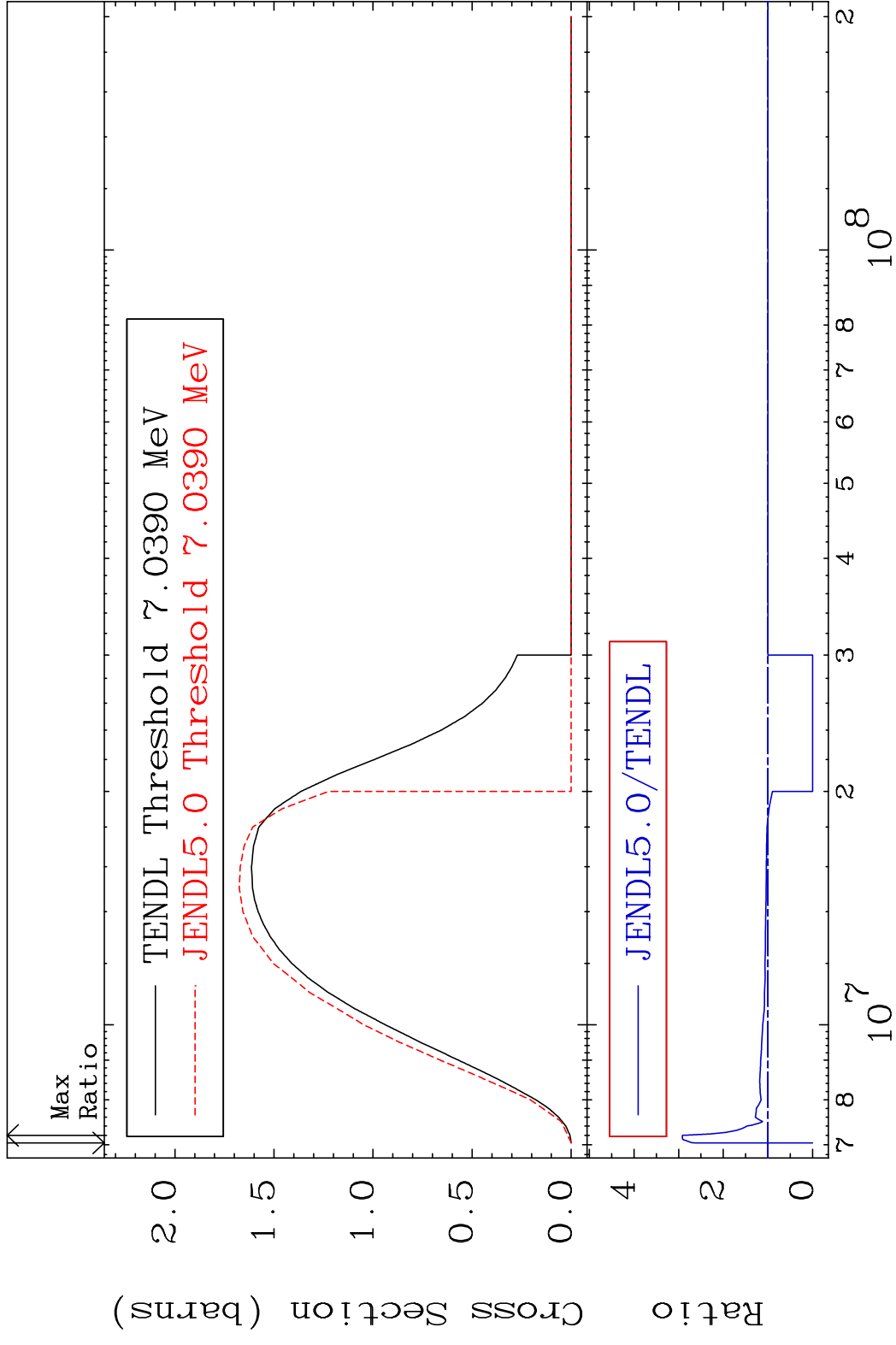


MAT 4840 (n, remainder) 48-Cd-111
 Cross Section 0.115 To 2.663 %



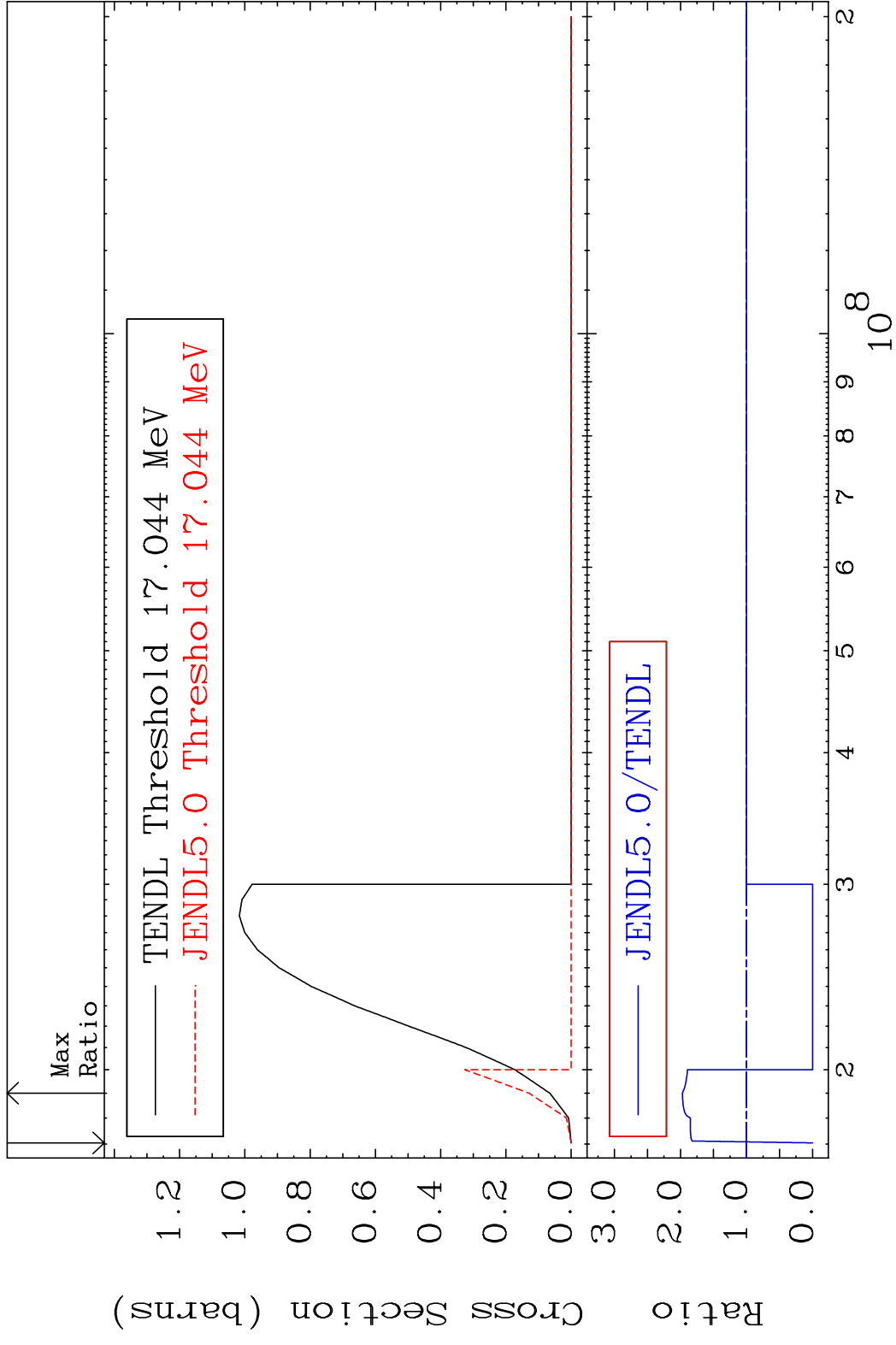
4 Incident Energy (eV) 48-Cd-111

MAT 4840 (n,2n) 48-Cd-111
 Cross Section -100.0 To 191.7 %

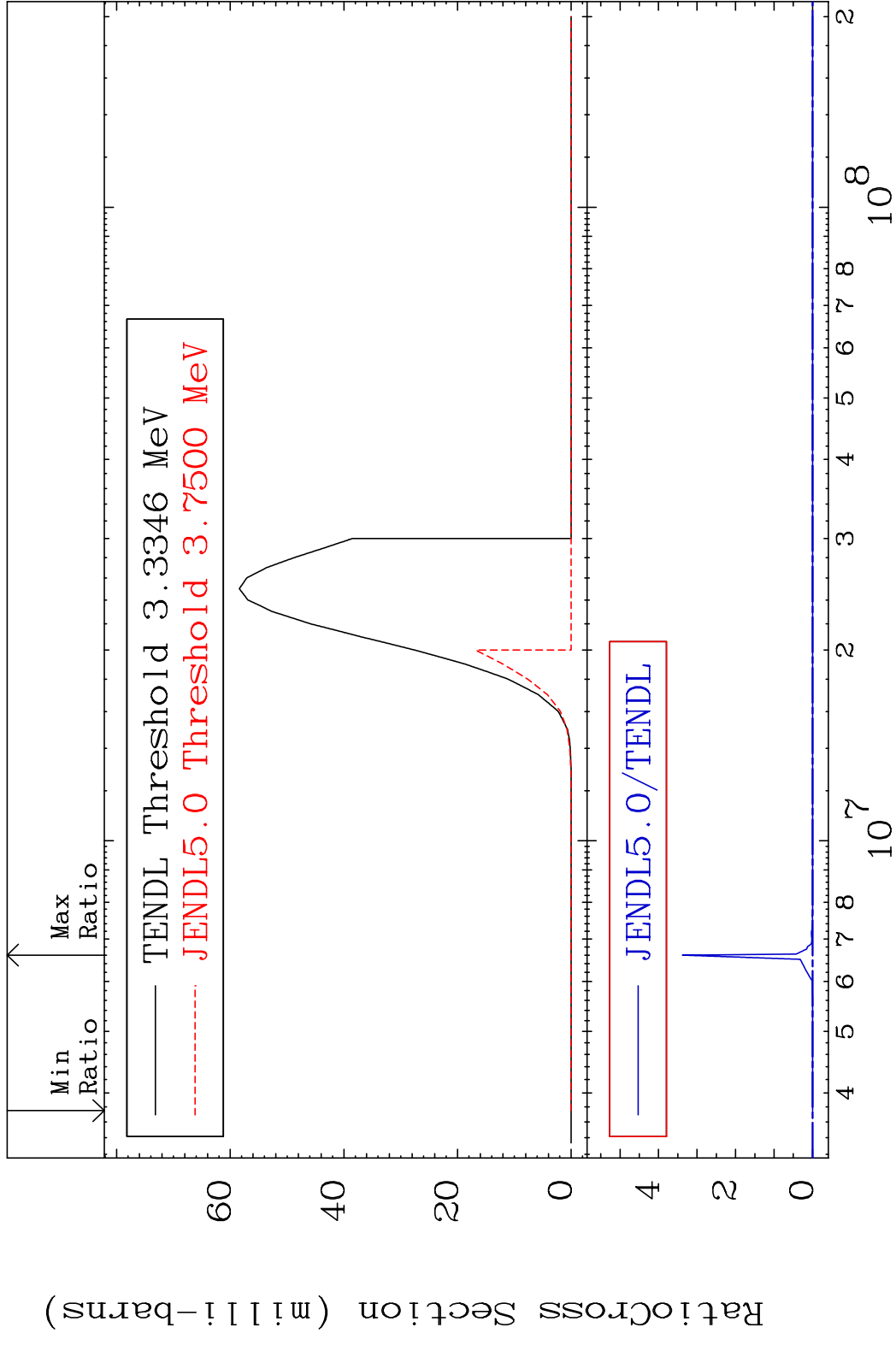


5 Incident Energy (eV) 48-Cd-111

MAT 4840 (n,3n) 48-Cd-111
 Cross Section -100.0 To 97.20 %

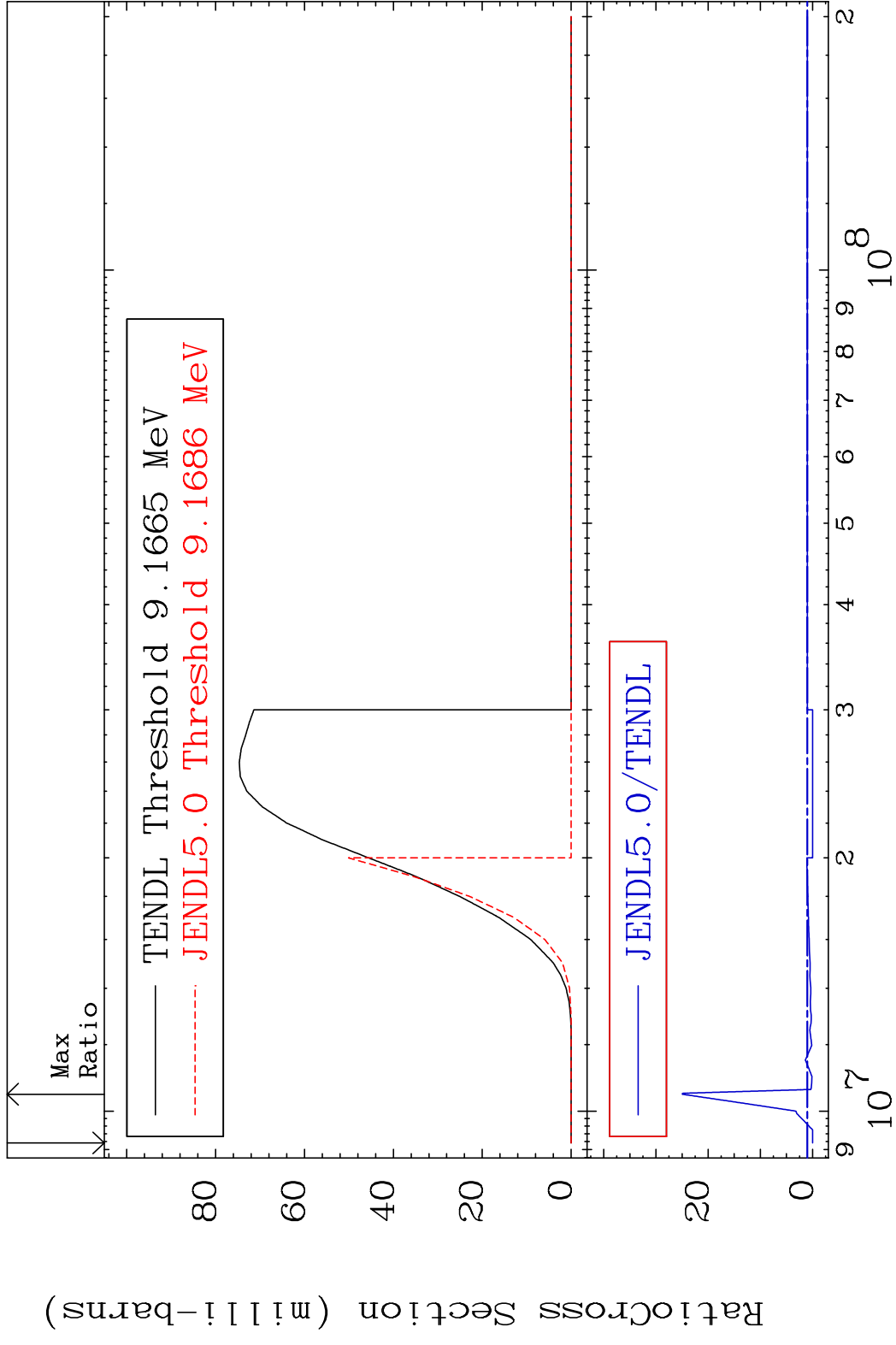


MAT 4840 (n, n') α 48-Cd-111
 Cross Section -100.0 To 9999. %



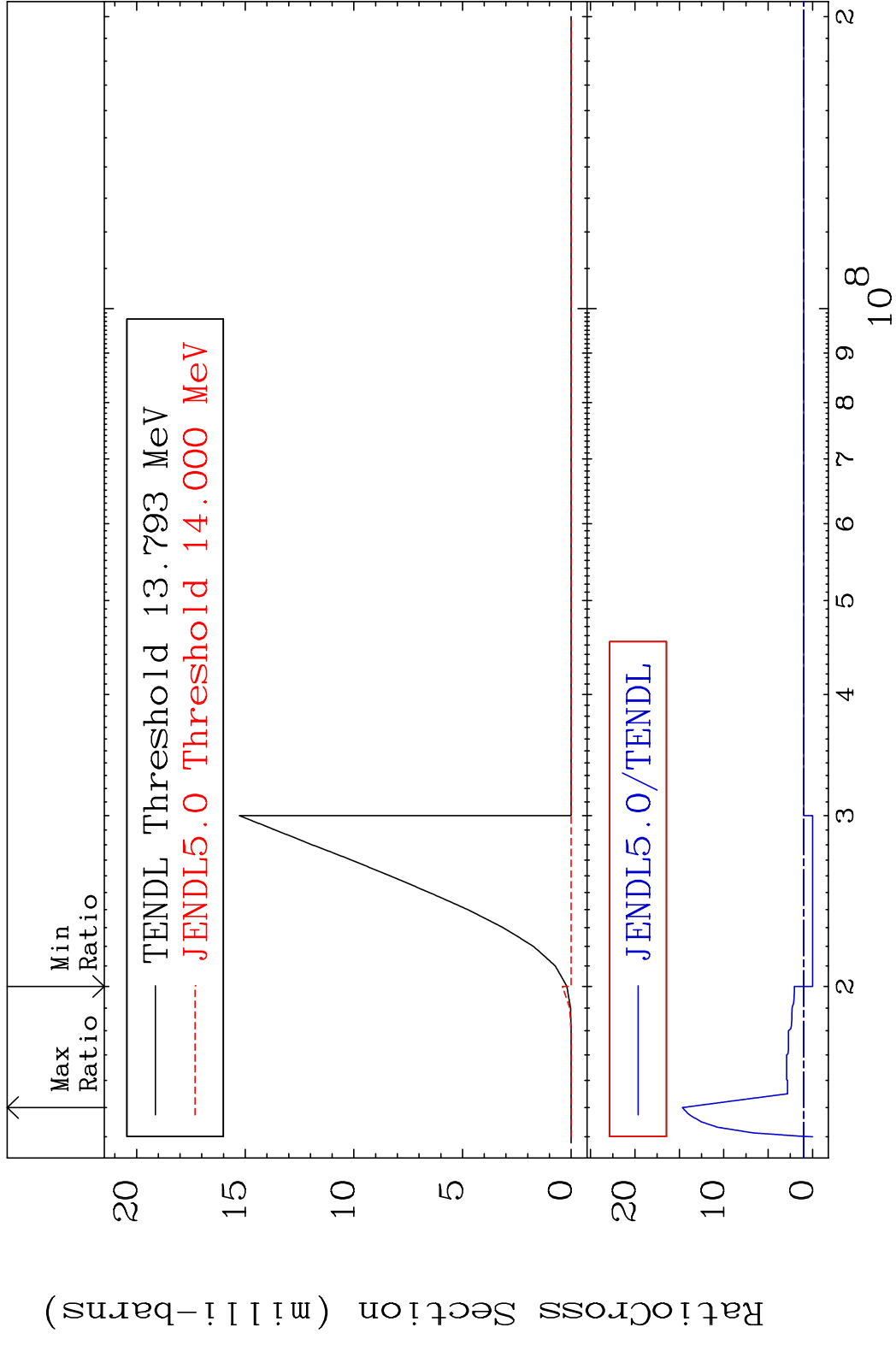
7 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, n') p 48-Cd-111
 Cross Section -100.0 To 2394. %

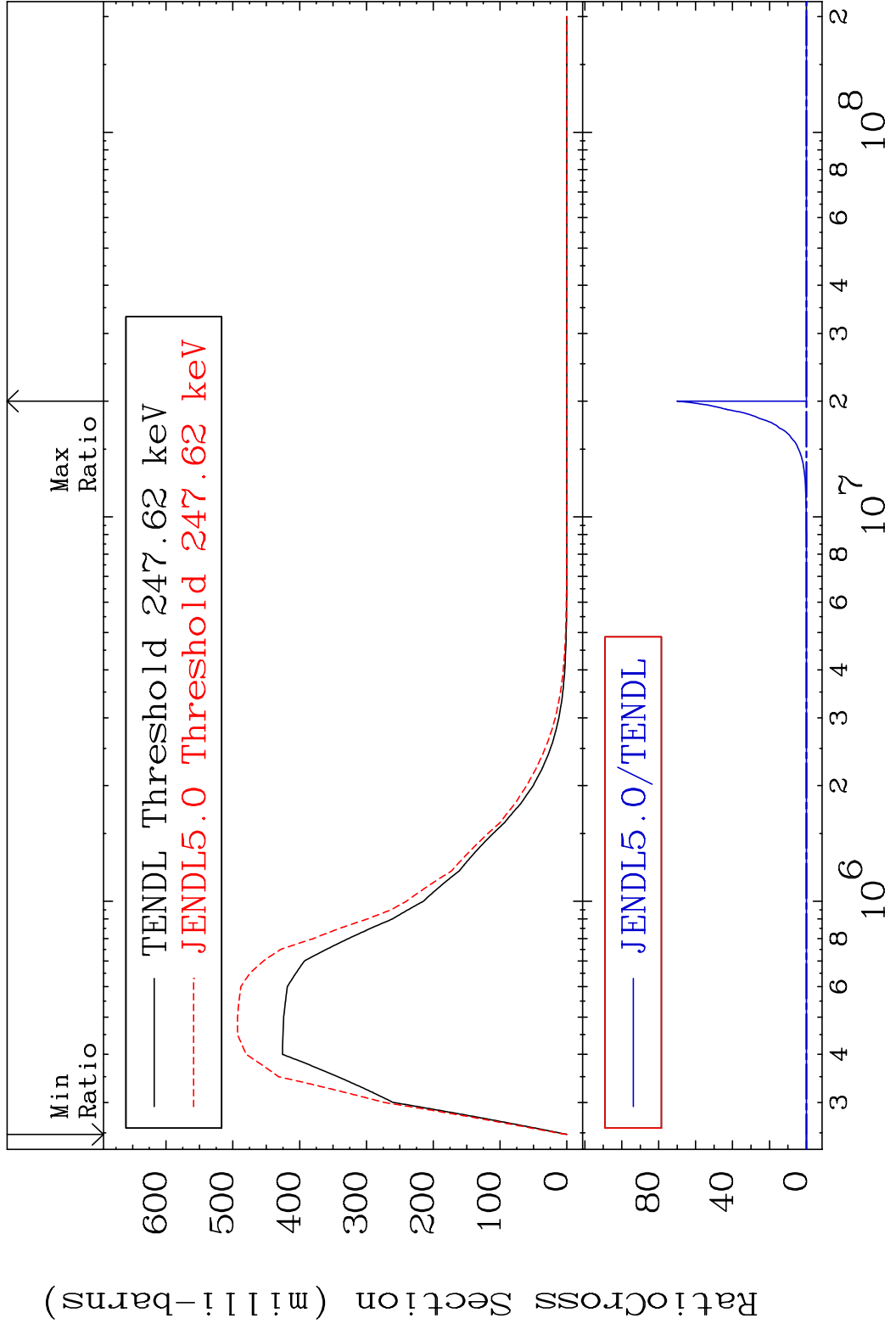


8 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, n') d 48-Cd-111
 Cross Section -100.0 To 1366. %

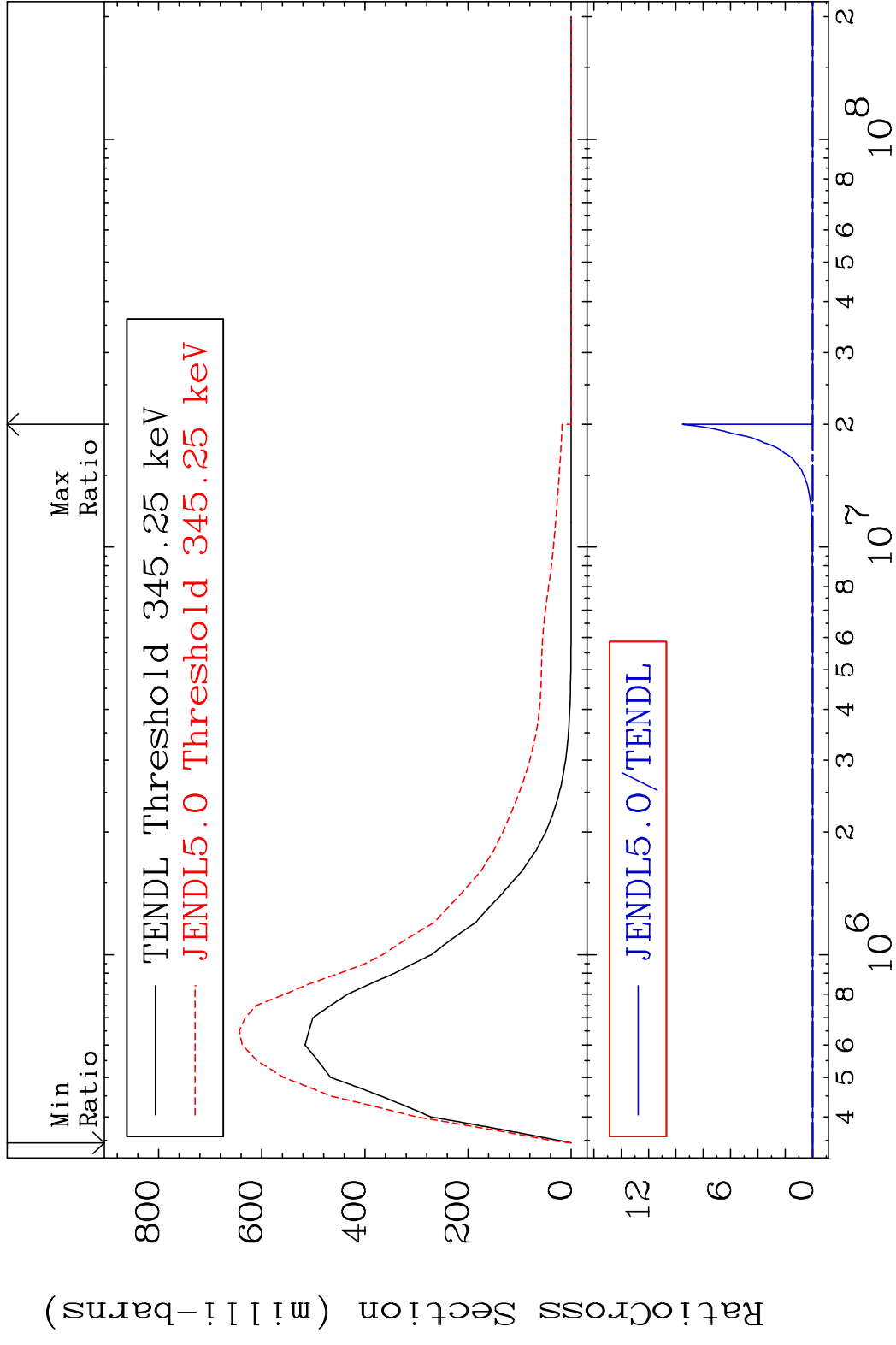


MAT 4840 MT= 51 (n,n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

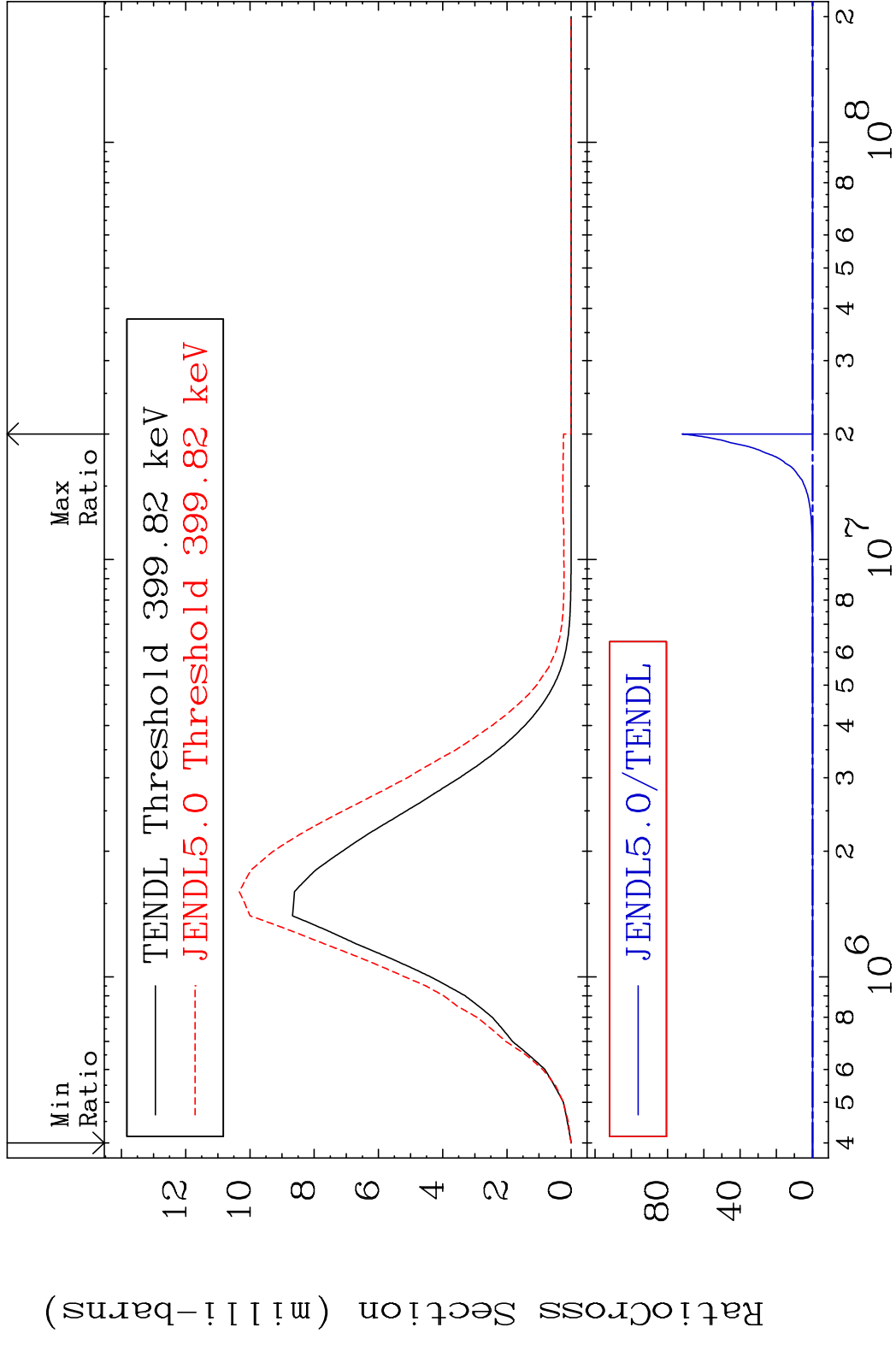


10 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 52 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

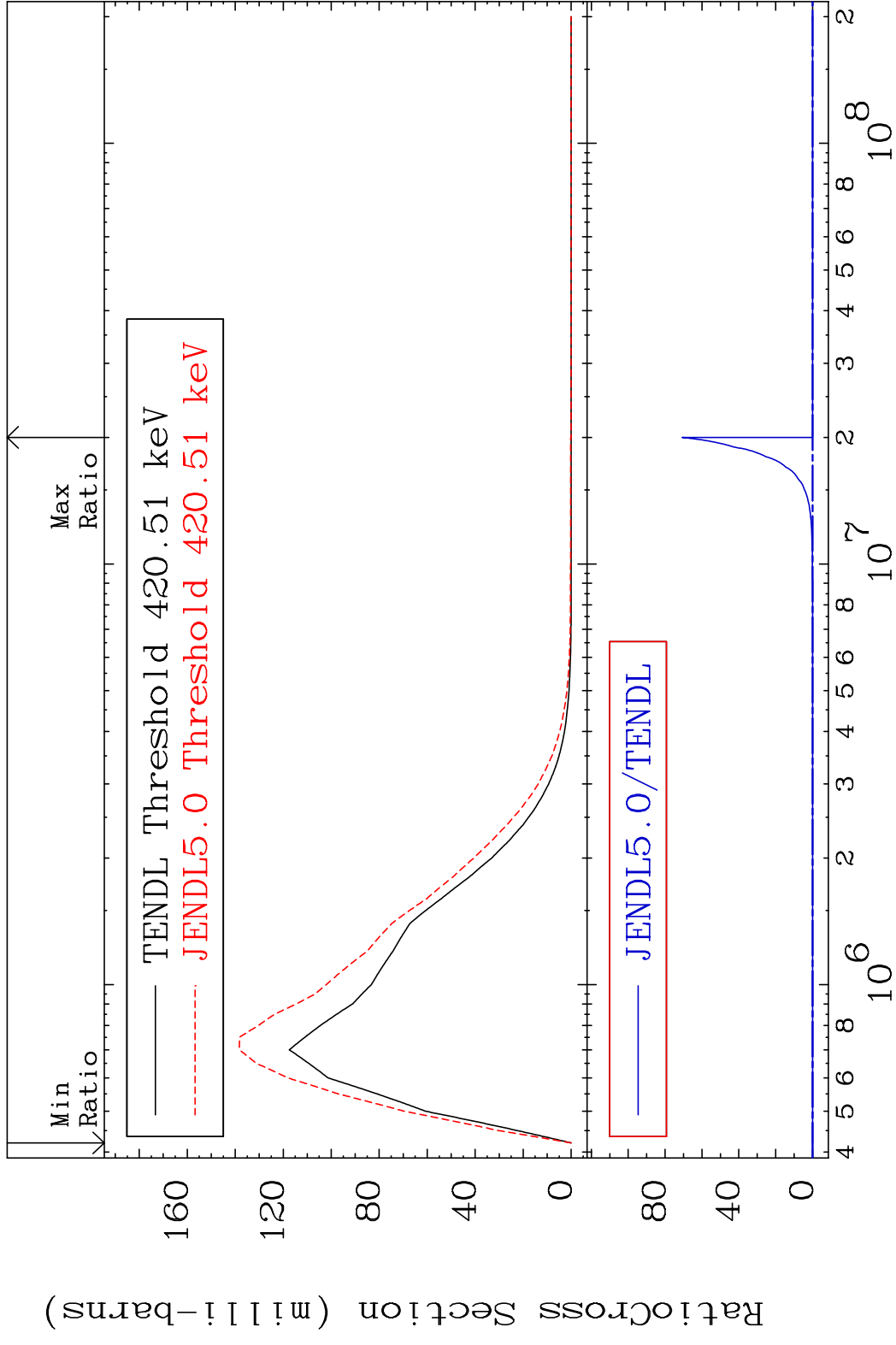


MAT 4840 MT= 53 (n,n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

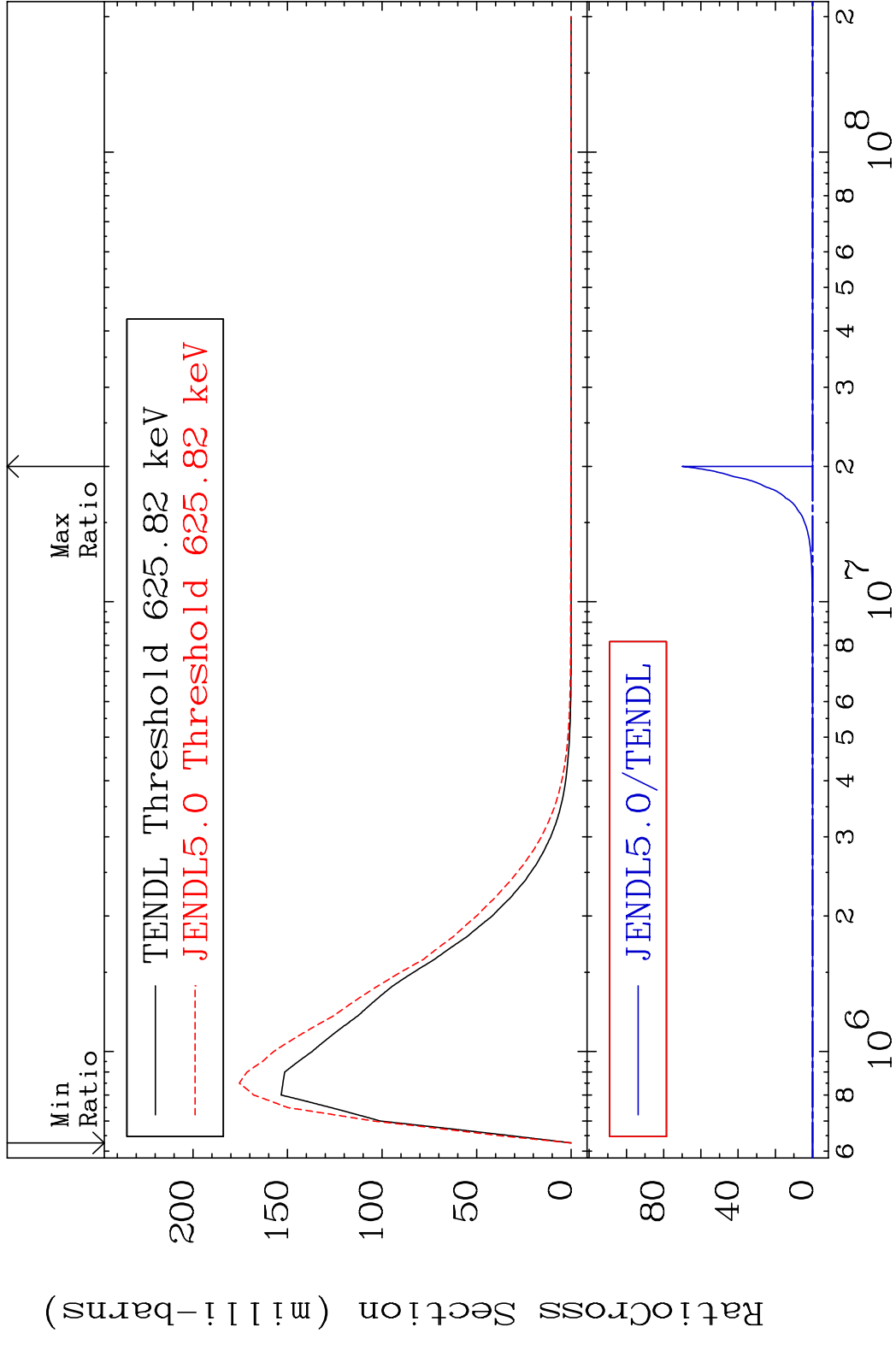


12 Incident Energy (eV) 48-Cd-111

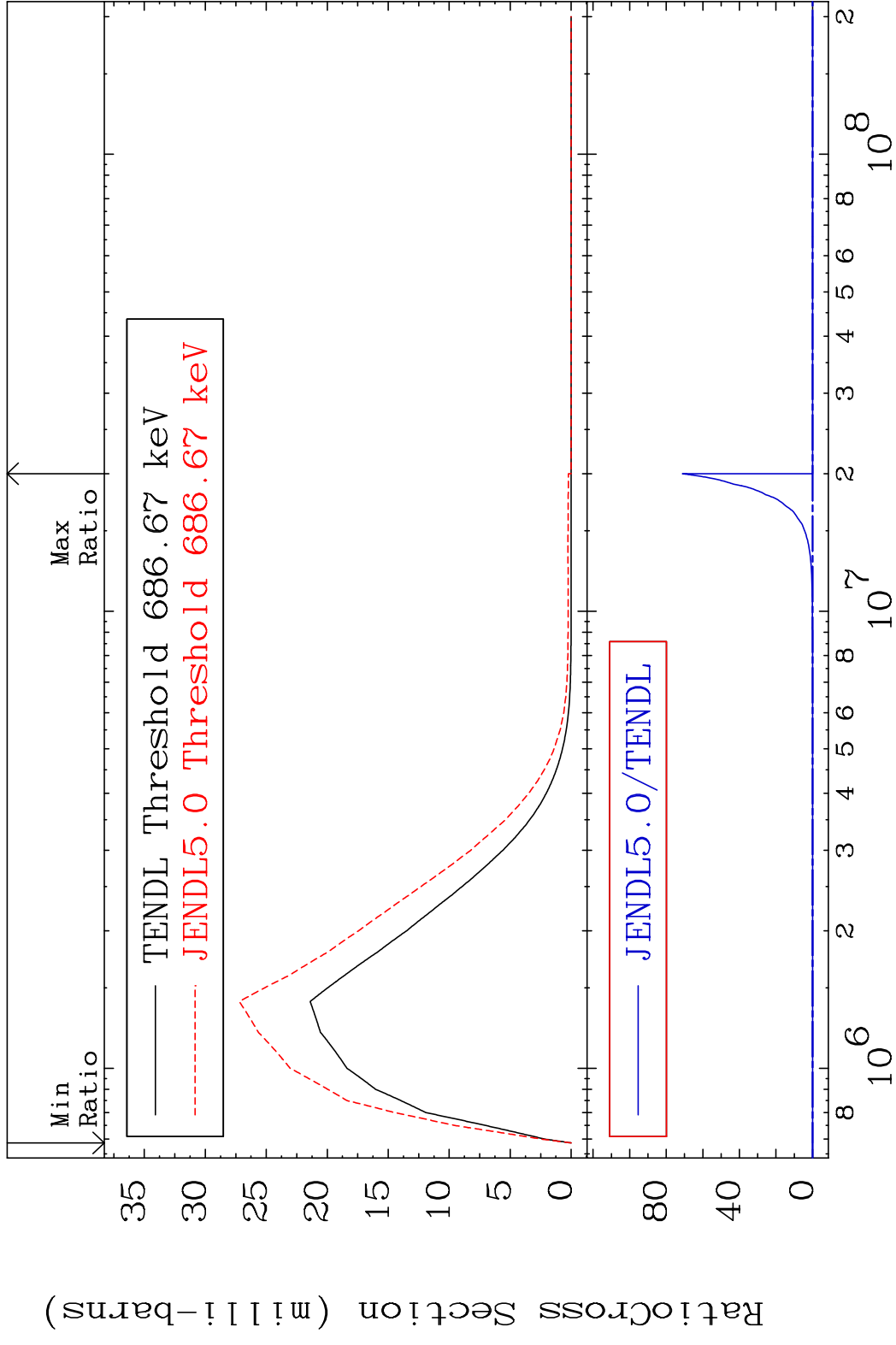
MAT 4840 MT= 54 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 MT= 55 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

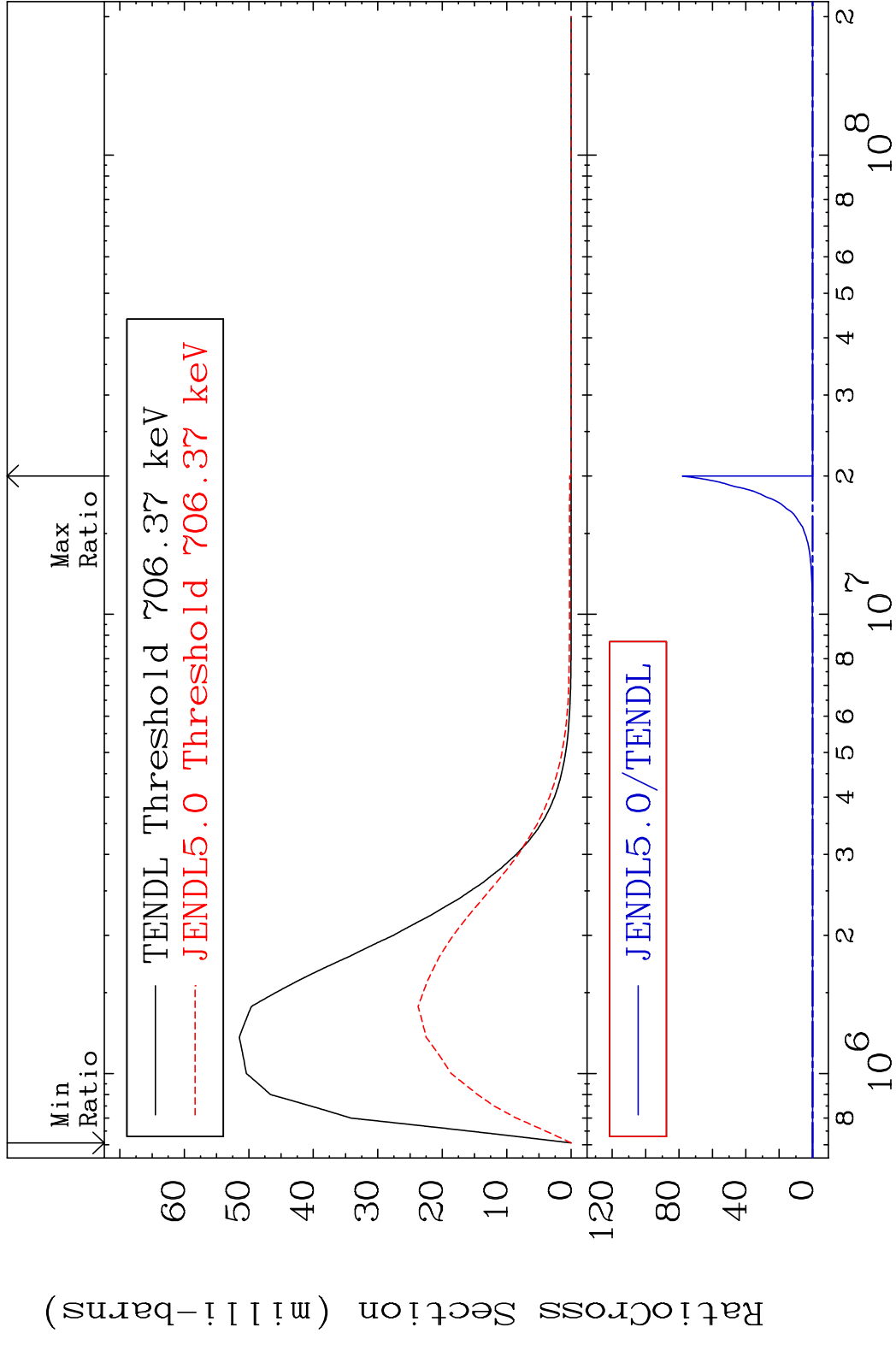


MAT 4840 MT= 56 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

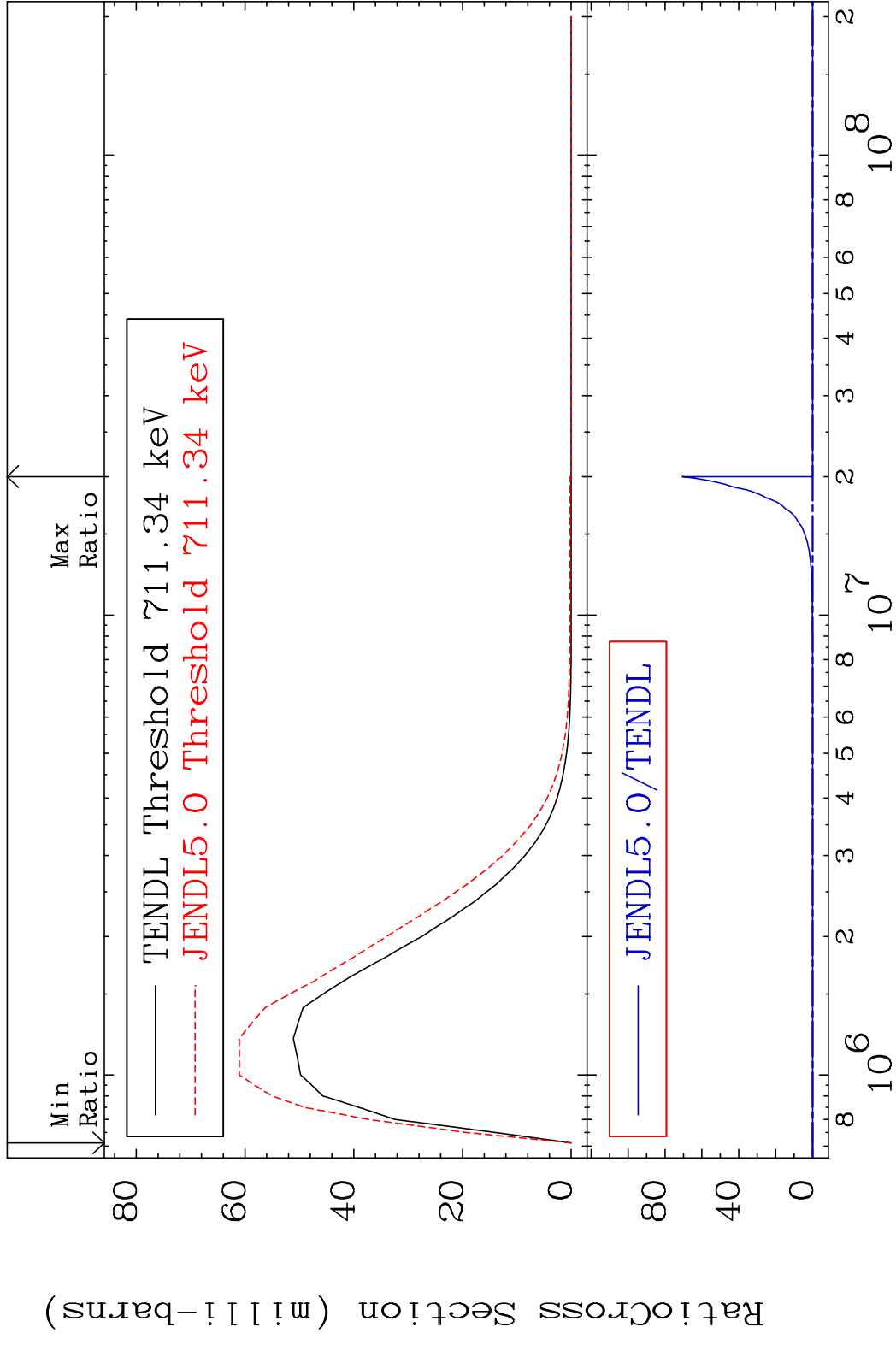


15 Incident Energy (eV) 48-Cd-111

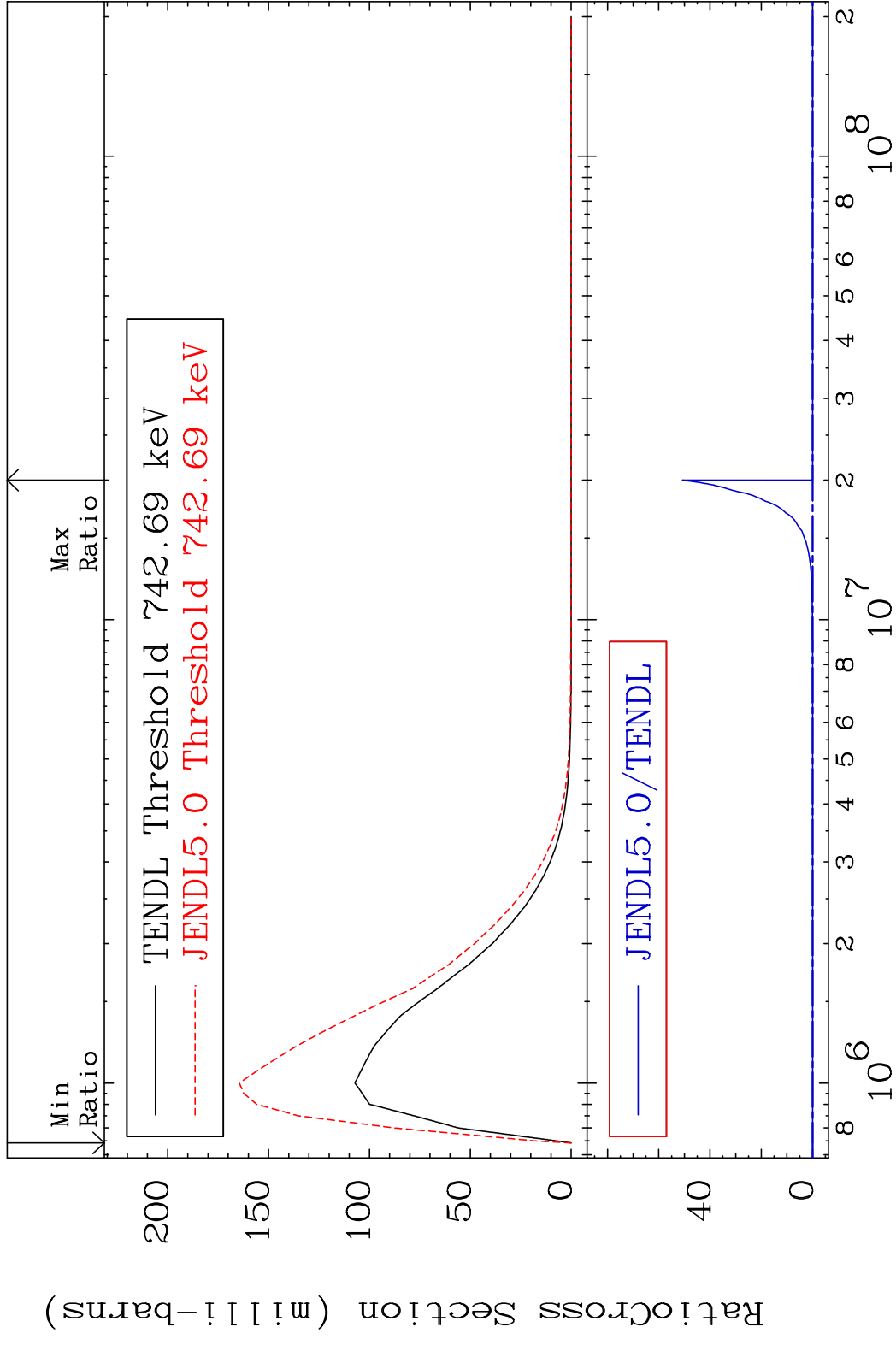
MAT 4840 MT= 57 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



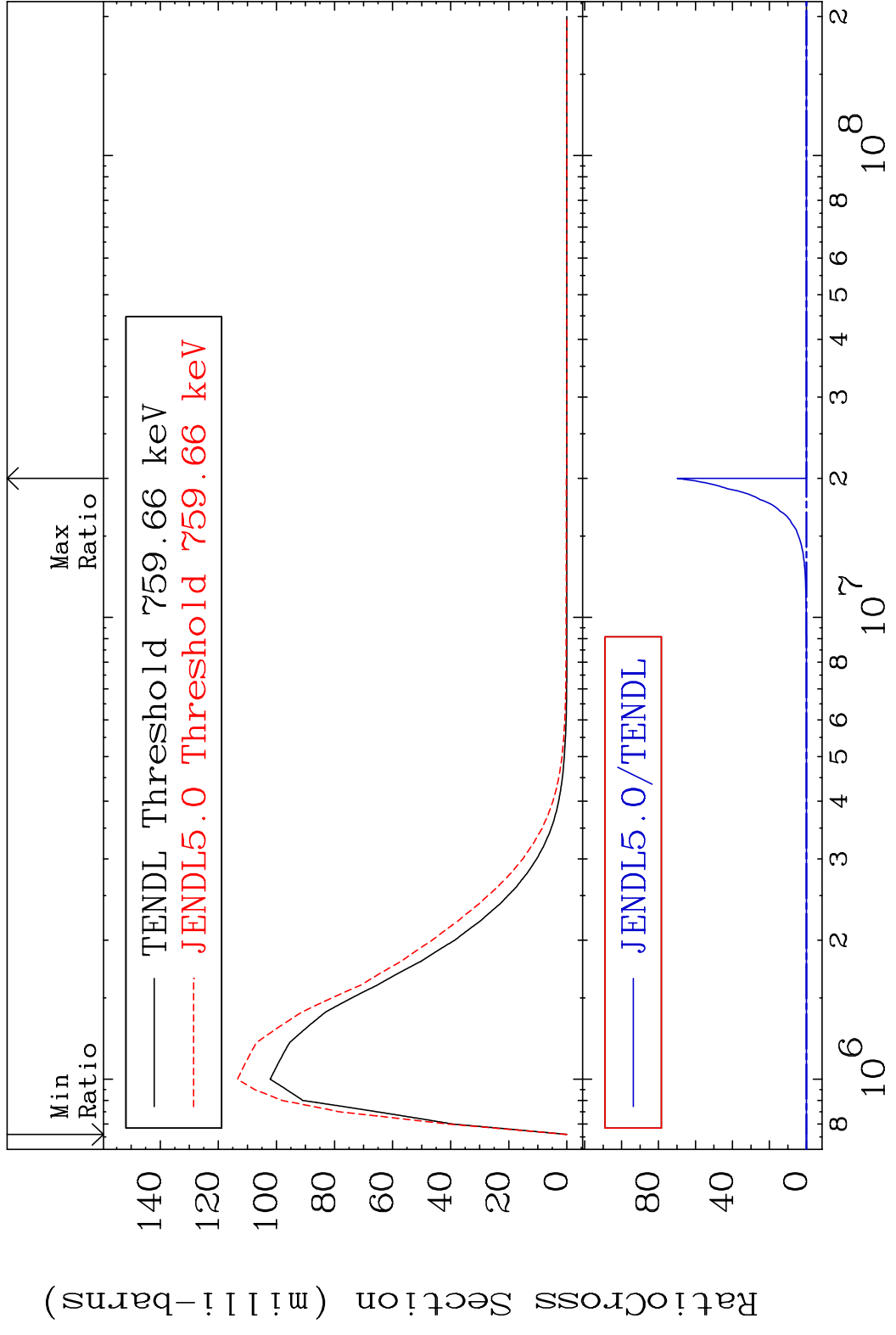
MAT 4840 MT= 58 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



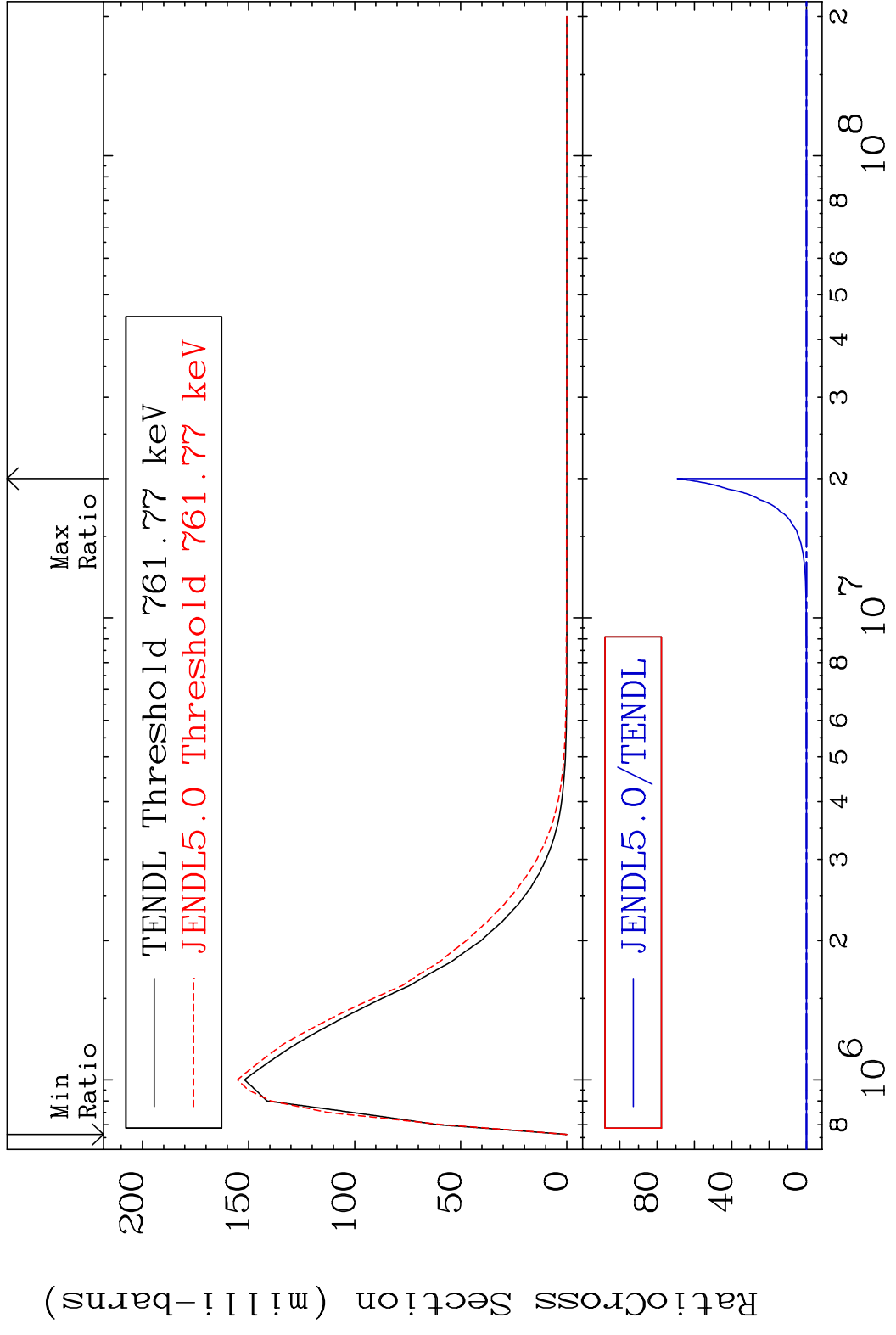
MAT 4840 MT= 59 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 MT= 60 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

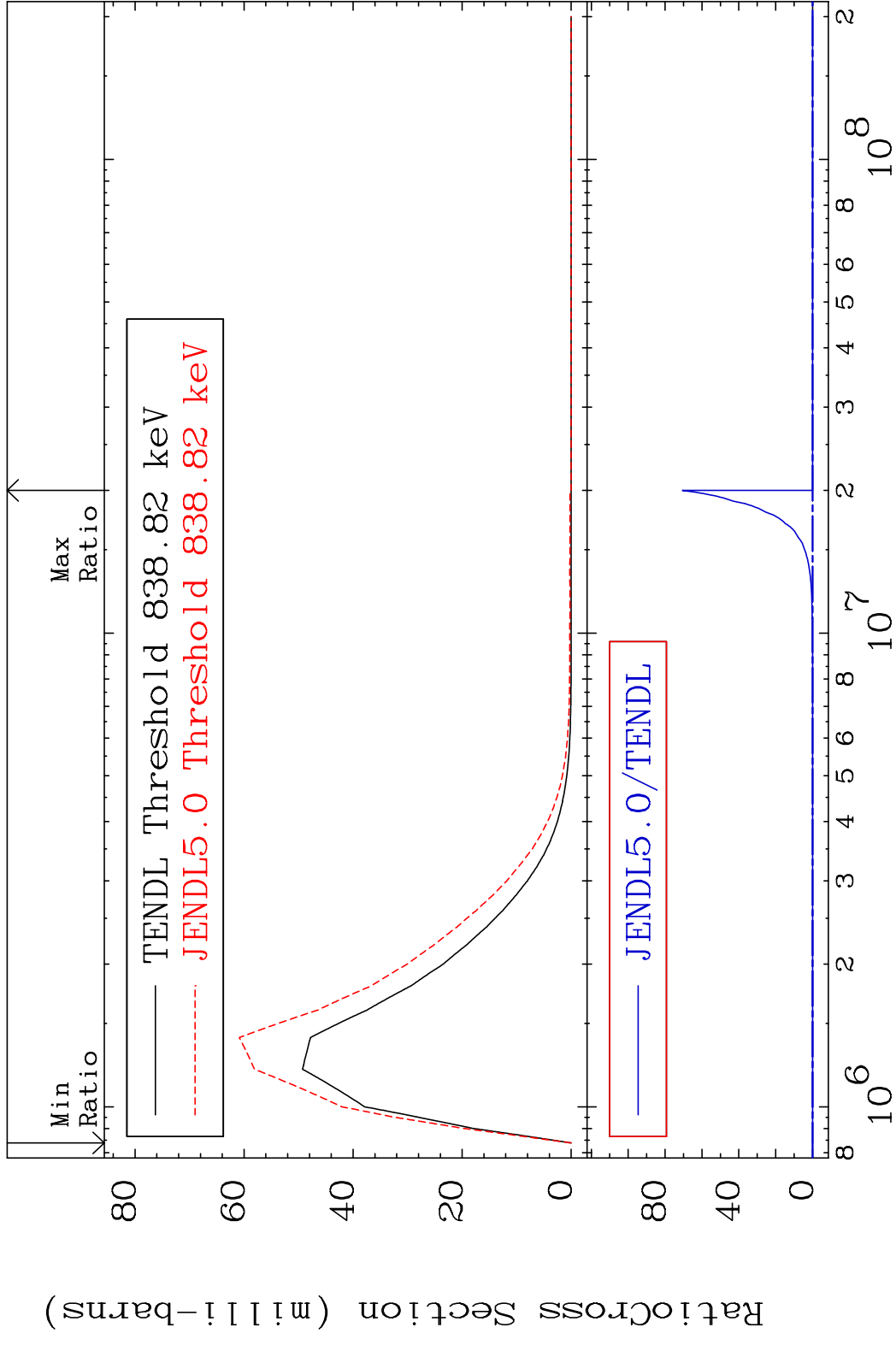


MAT 4840 MT= 61 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

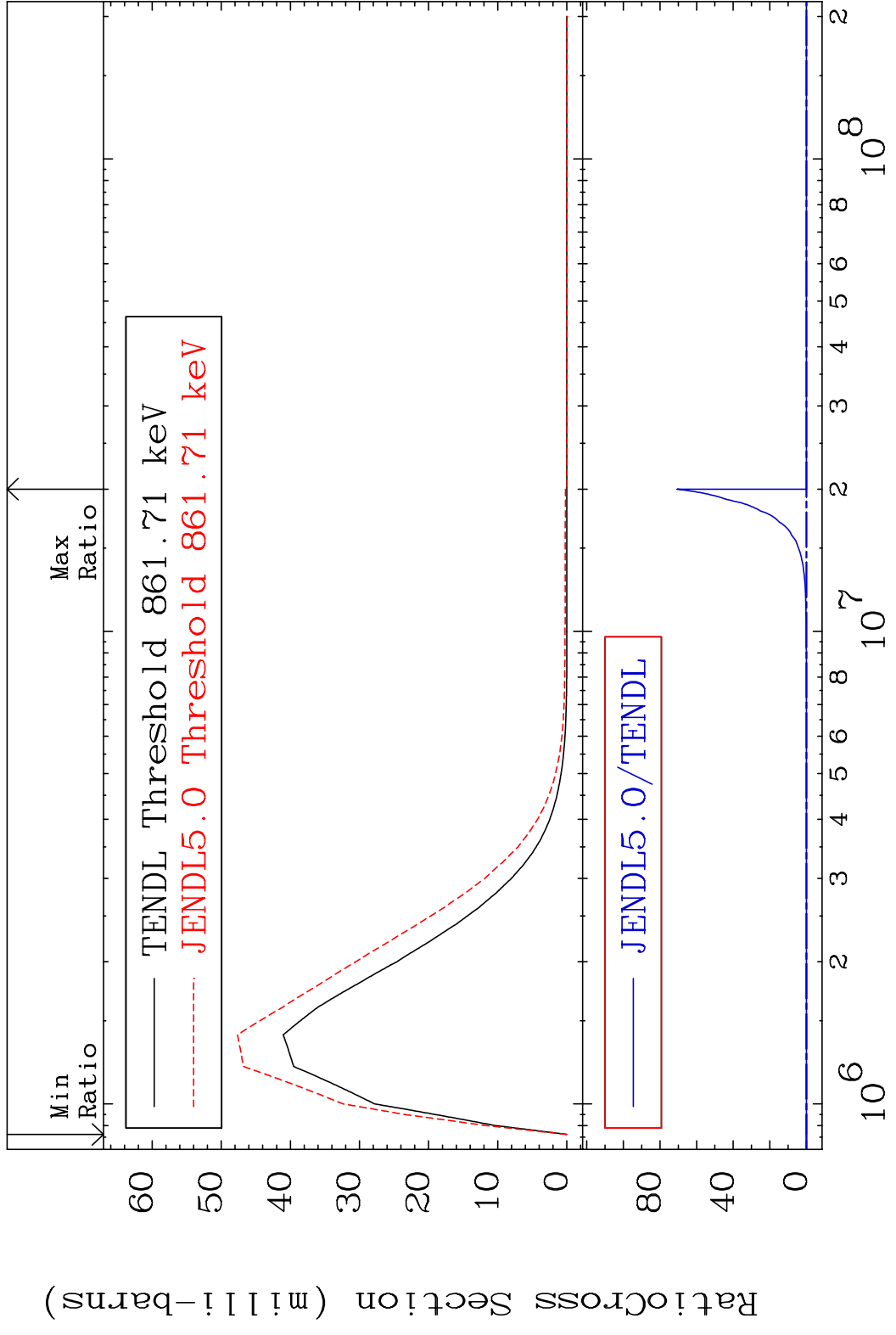


20 Incident Energy (eV) 48-Cd-111

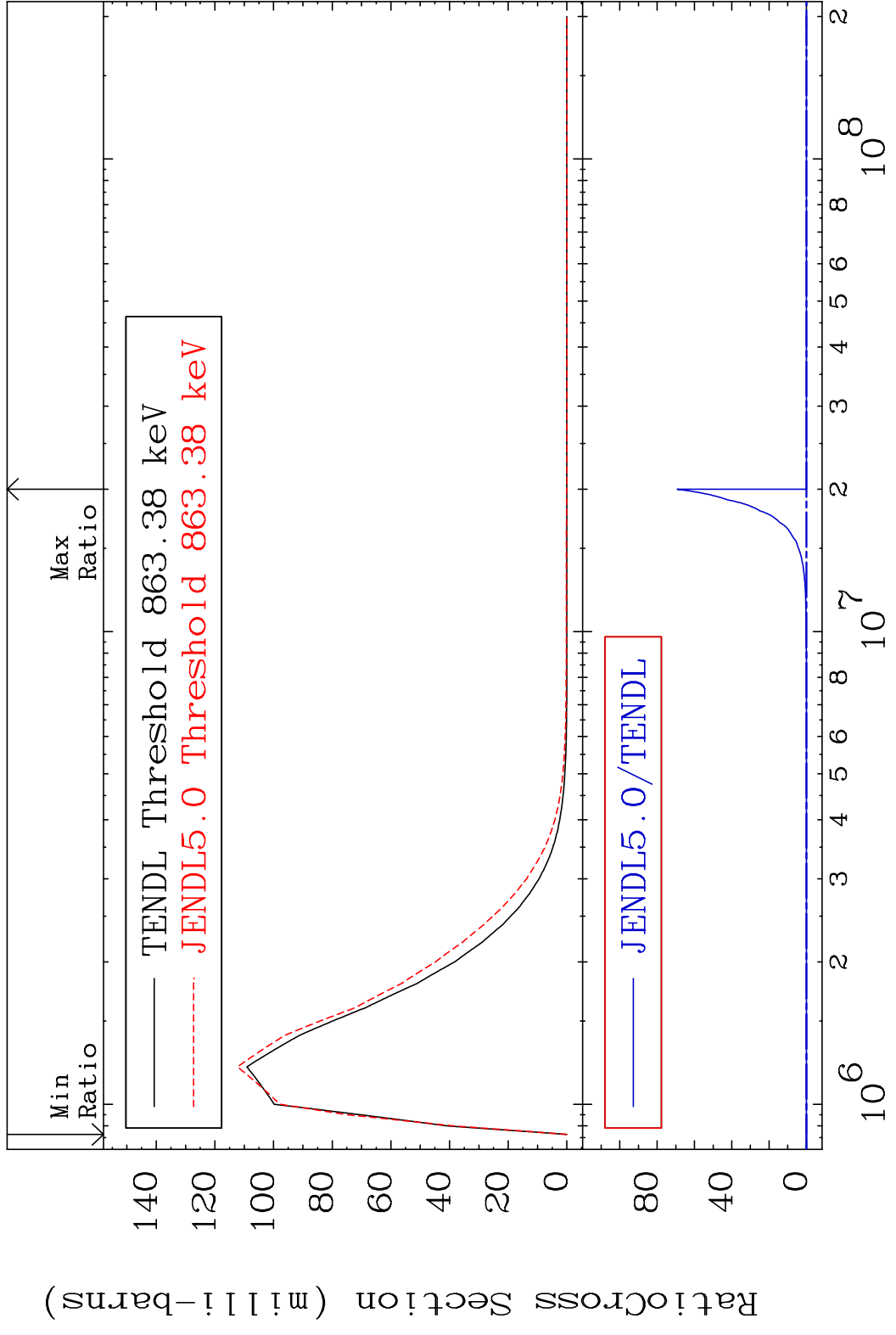
MAT 4840 MT= 62 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



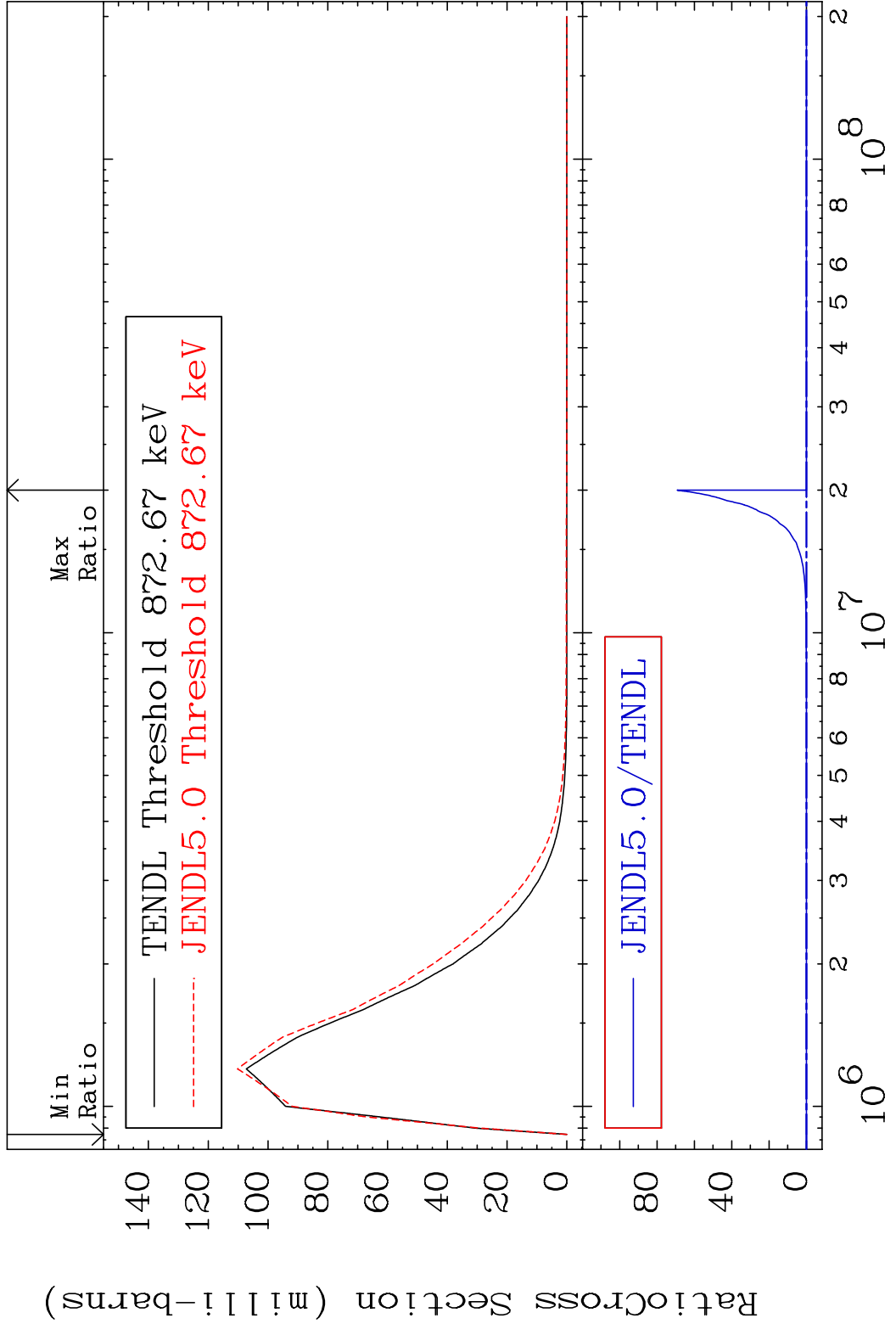
MAT 4840 MT= 63 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



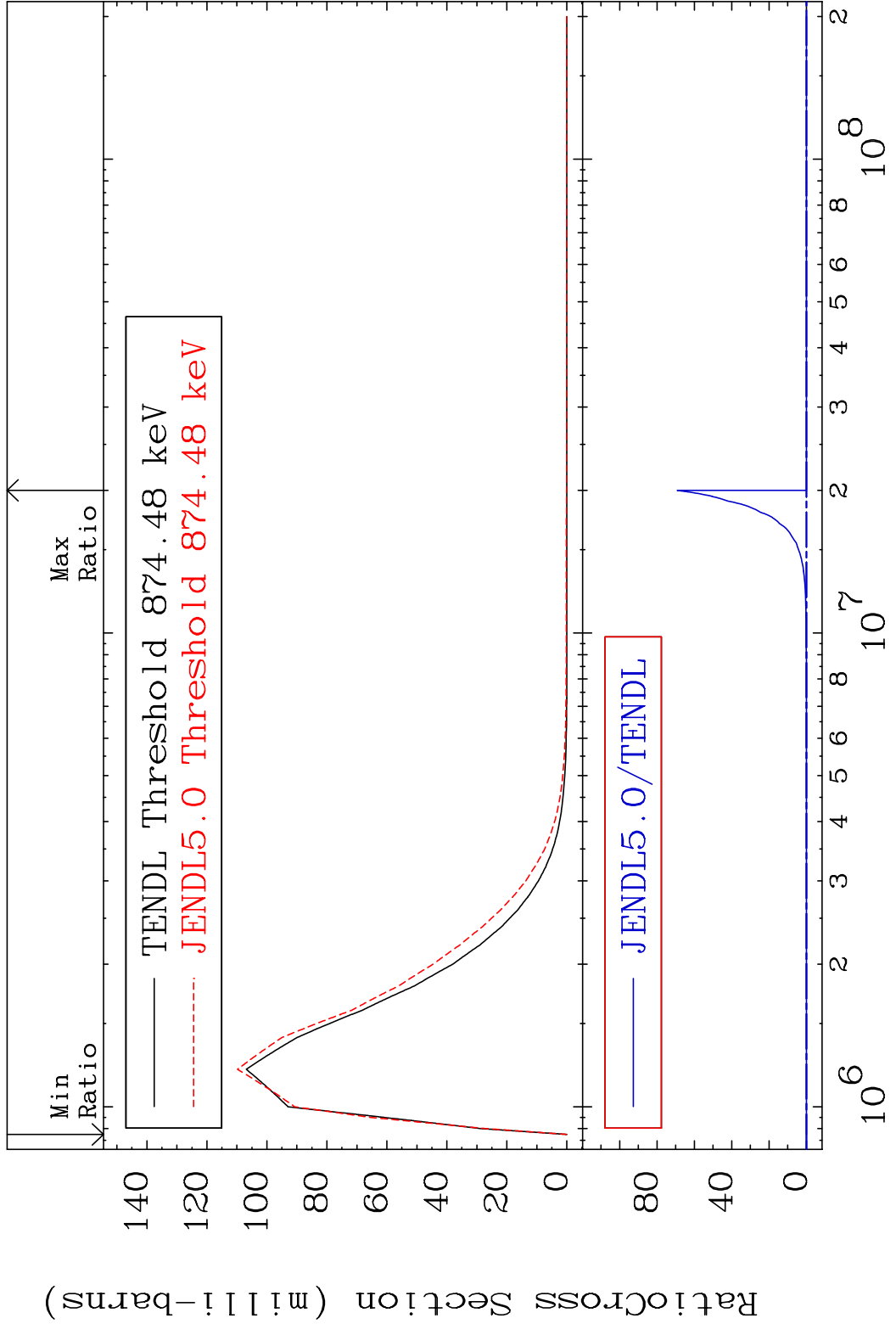
MAT 4840 MT= 64 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



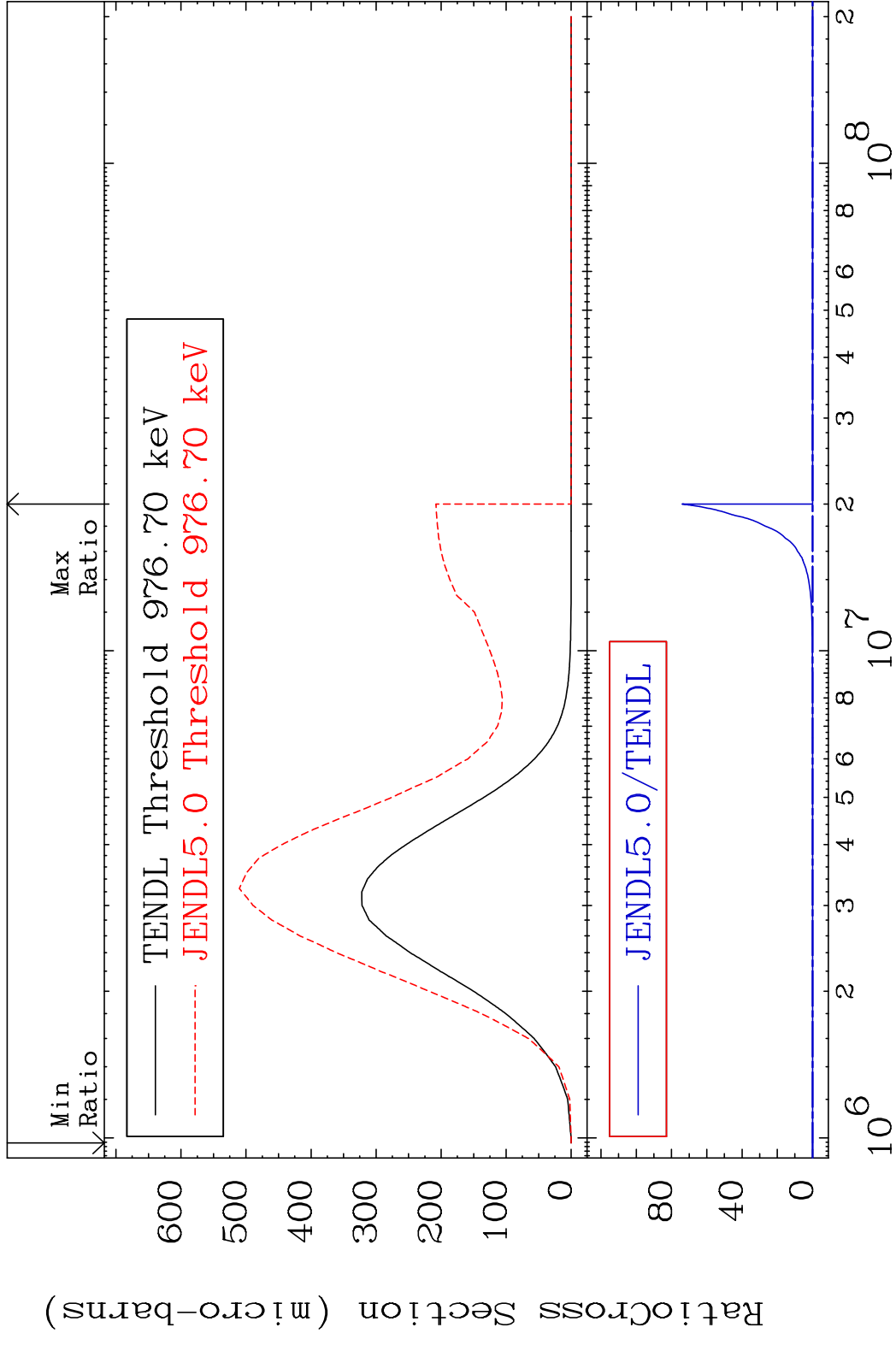
MAT 4840 MT= 65 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 MT= 66 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

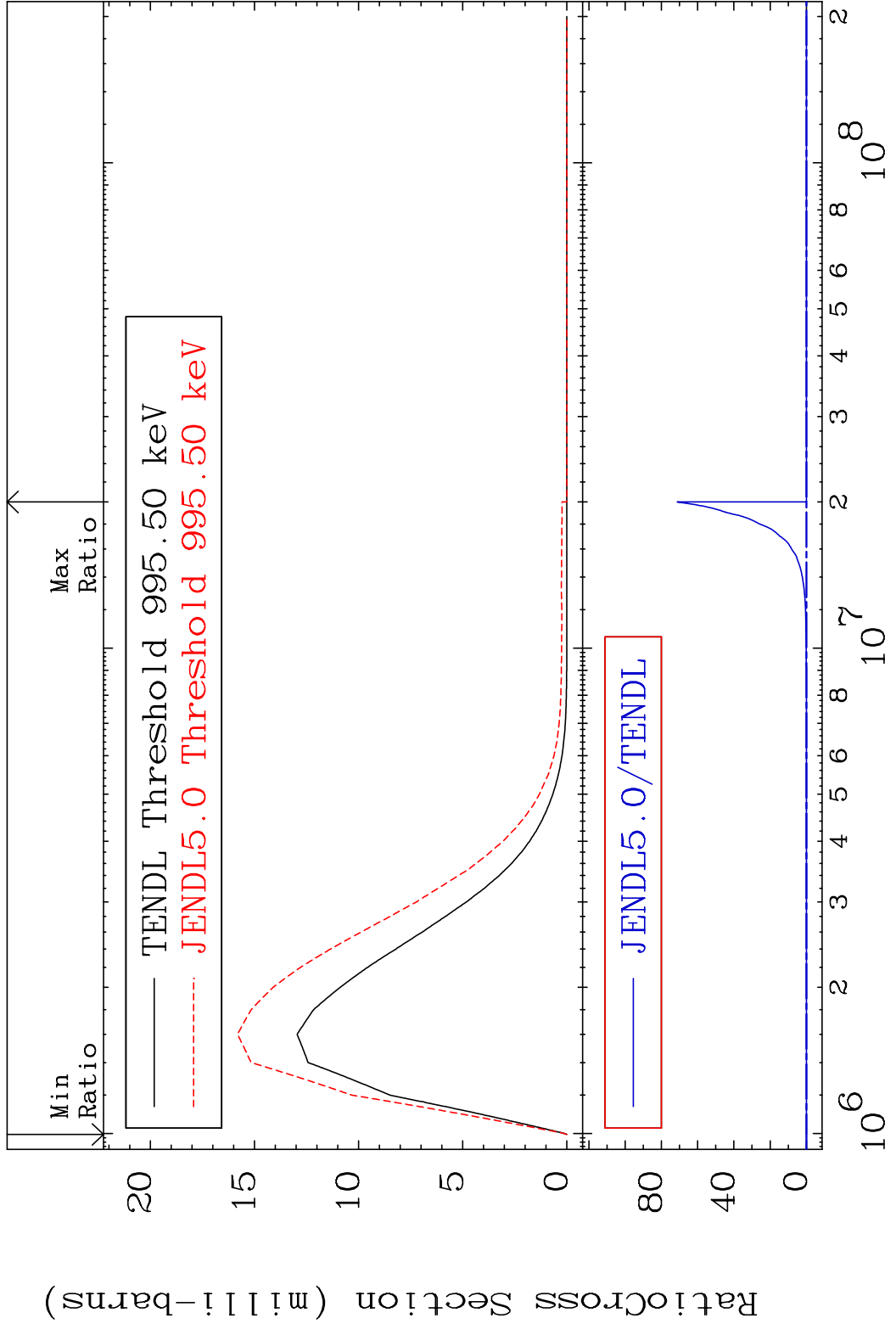


MAT 4840 MT= 67 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



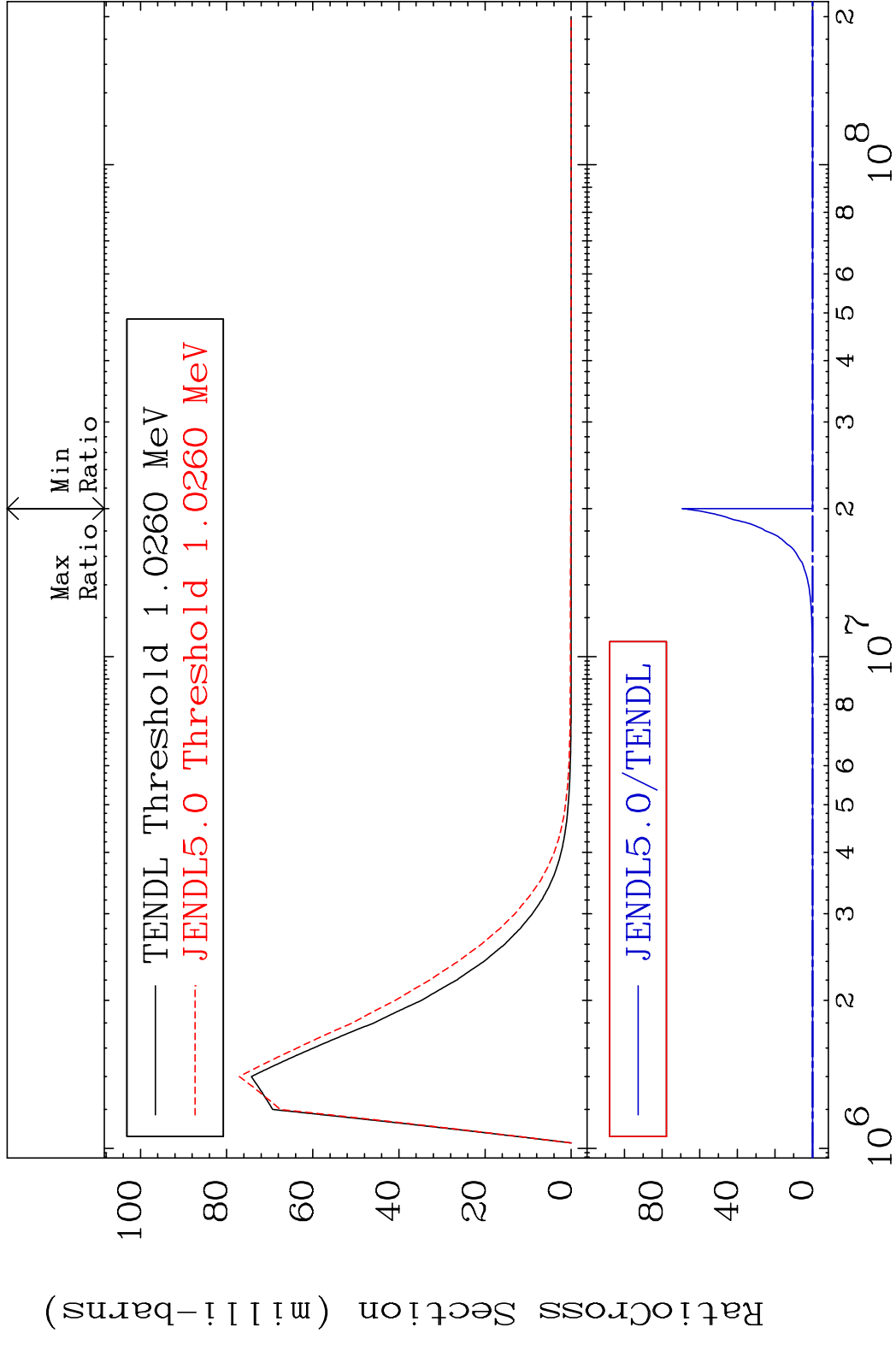
26 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 68 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



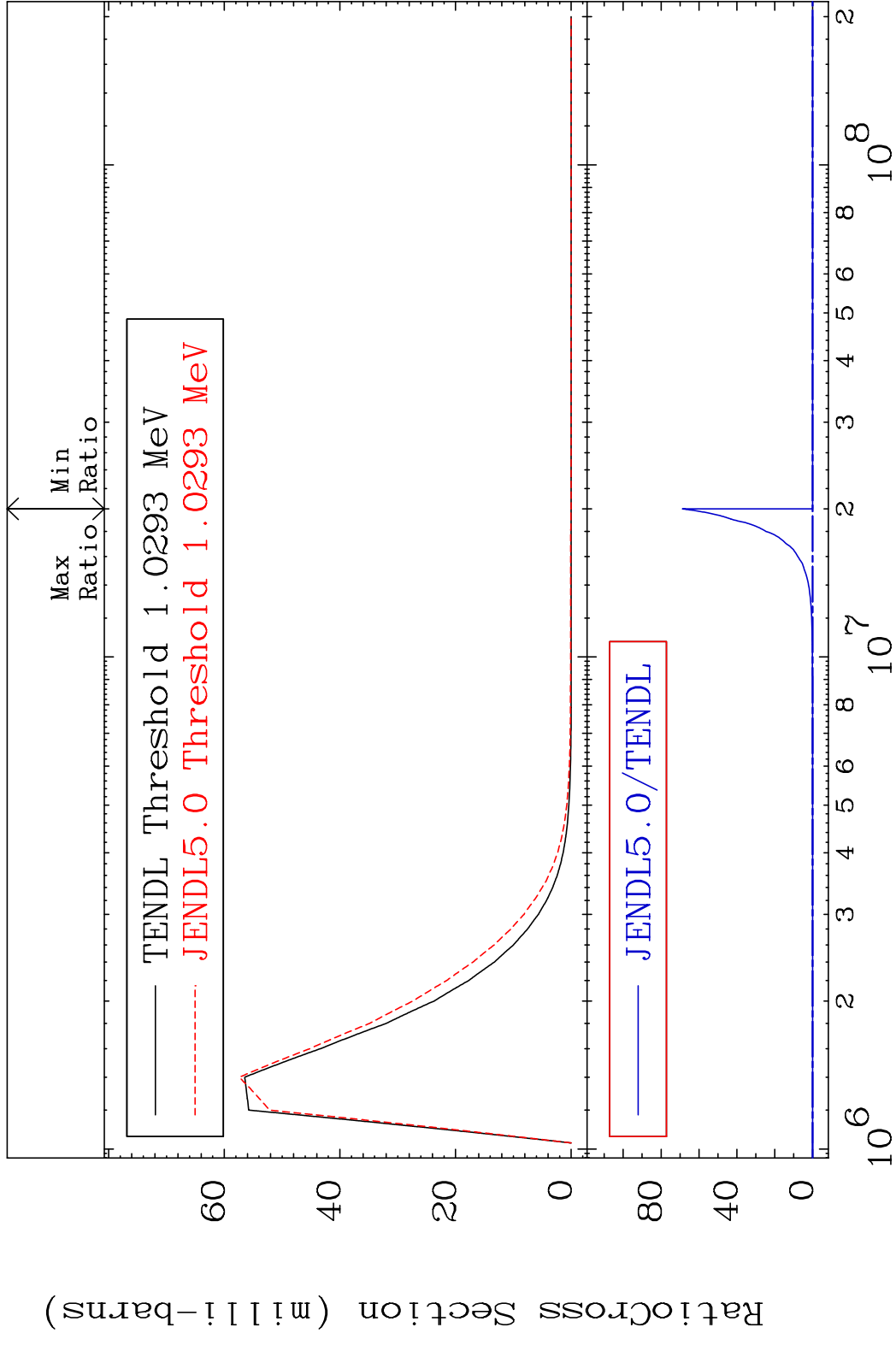
27 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 69 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



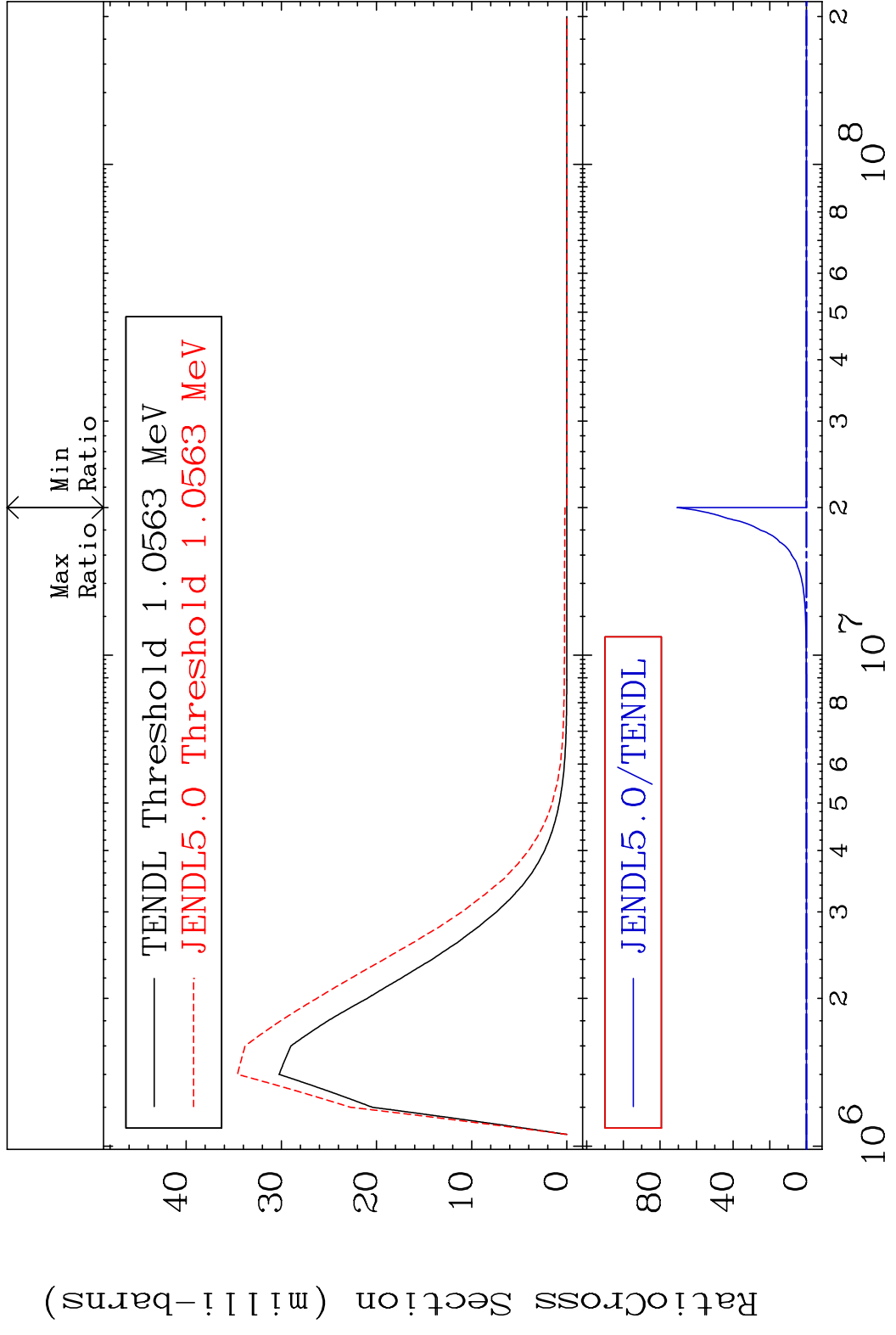
28 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 70 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



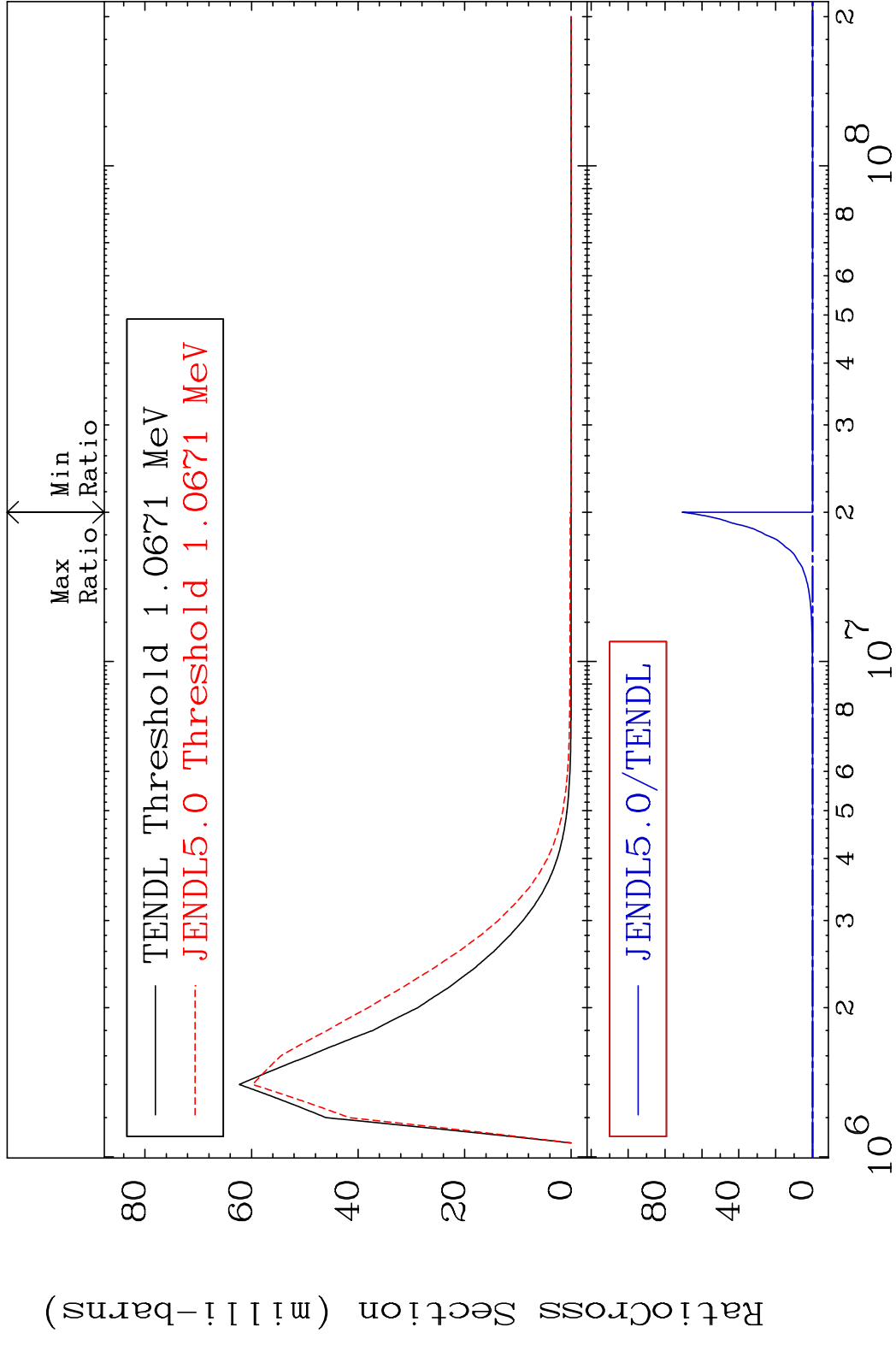
29 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 71 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



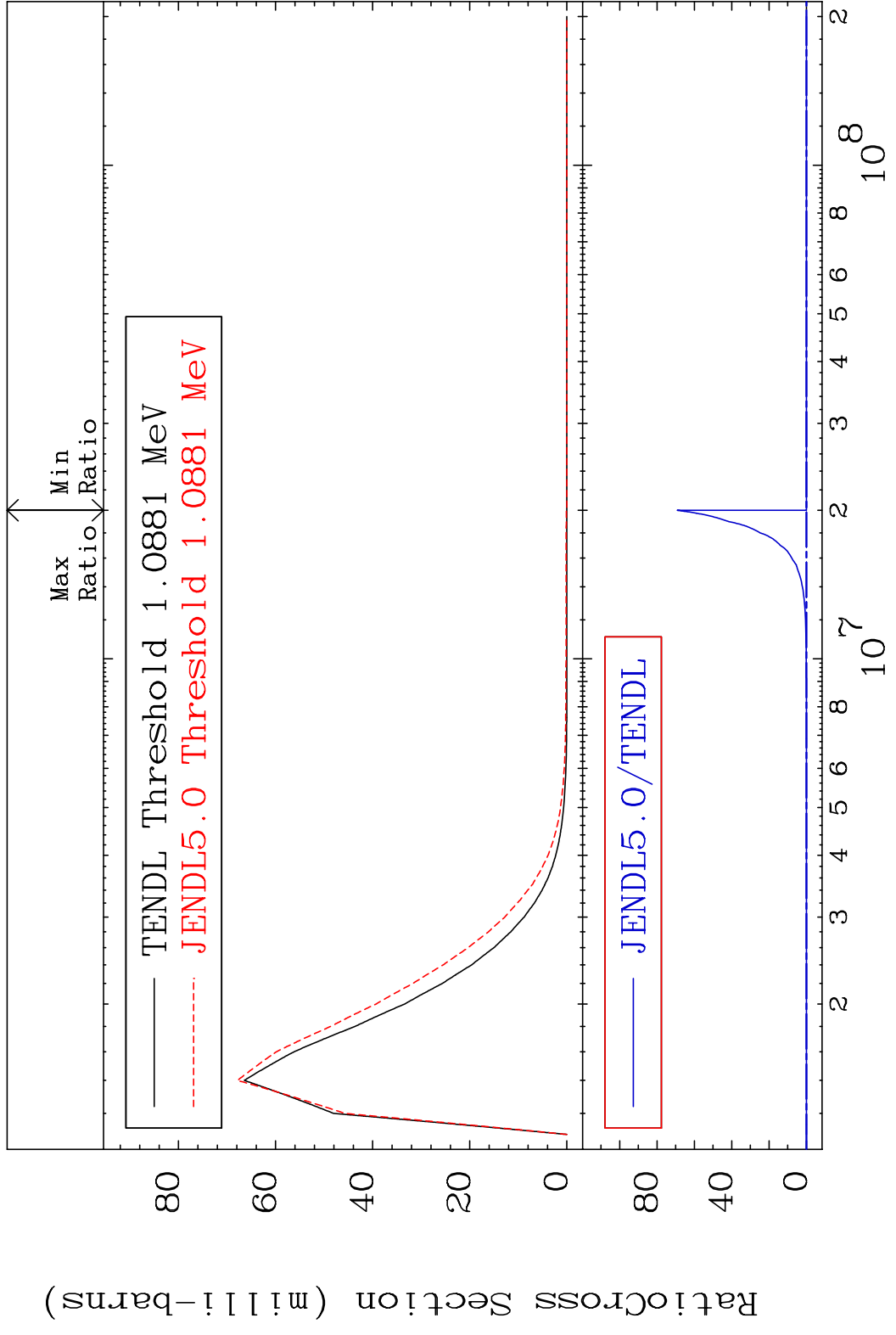
30 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 72 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

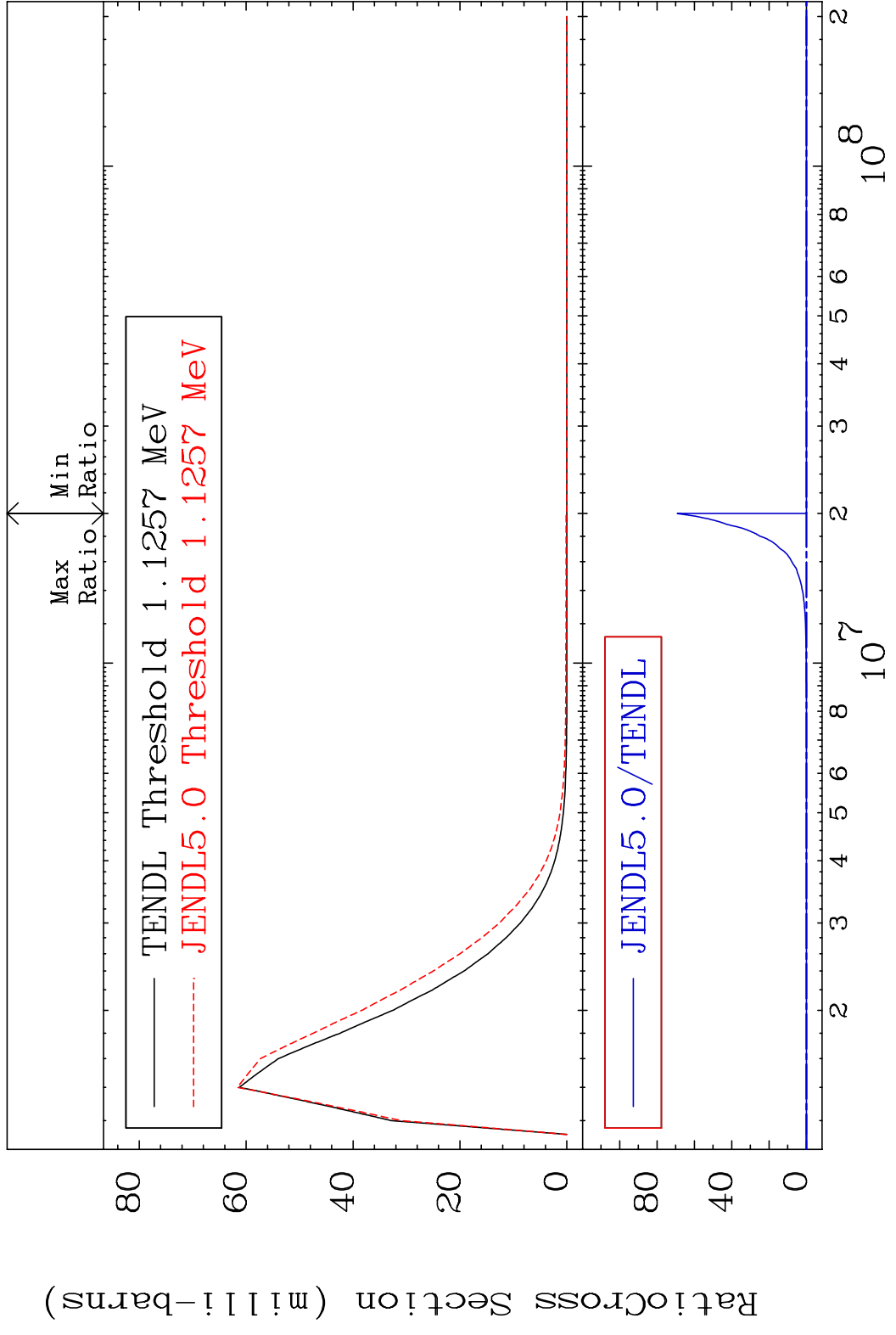


31 Incident Energy (eV) 48-Cd-111

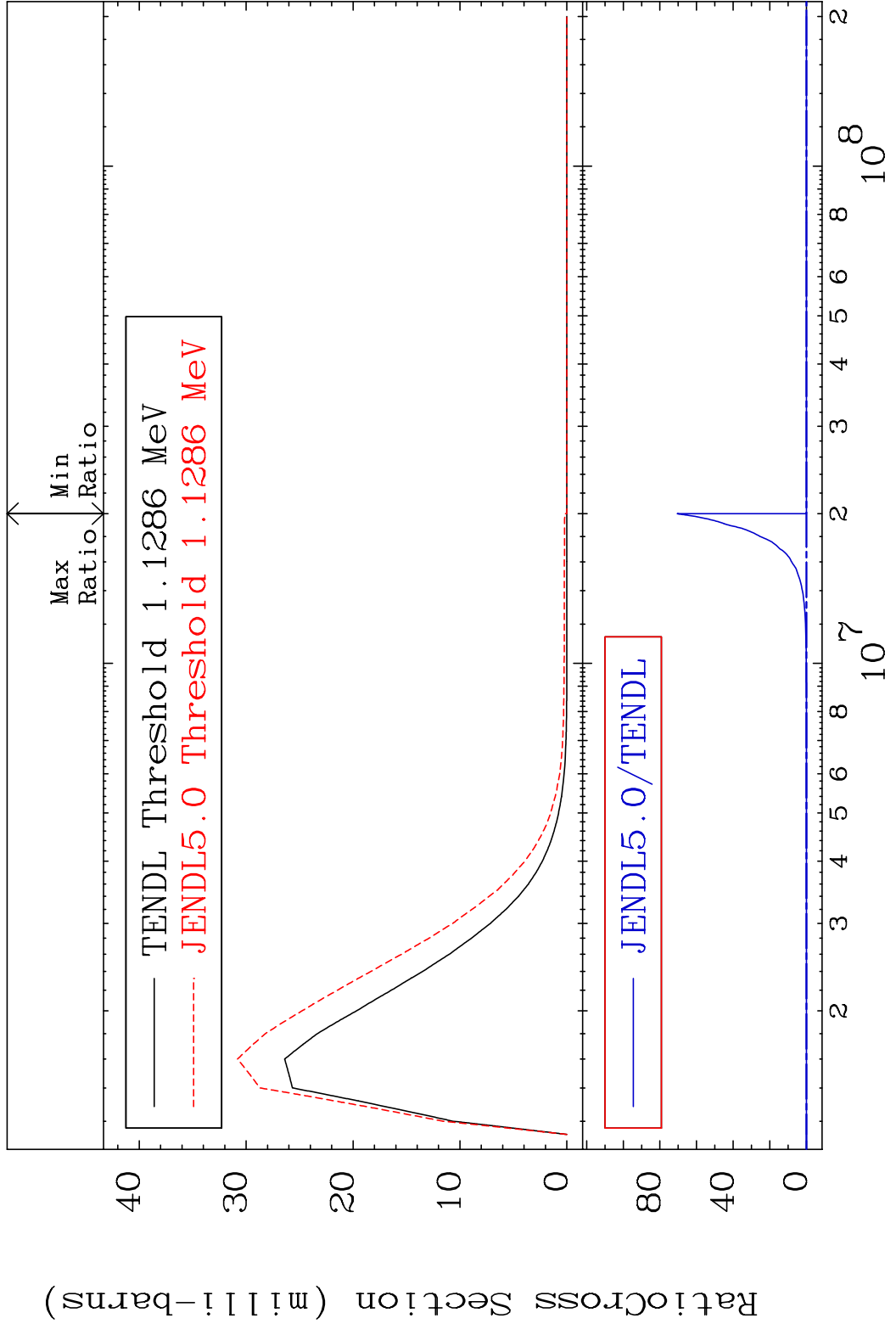
MAT 4840 MT= 73 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



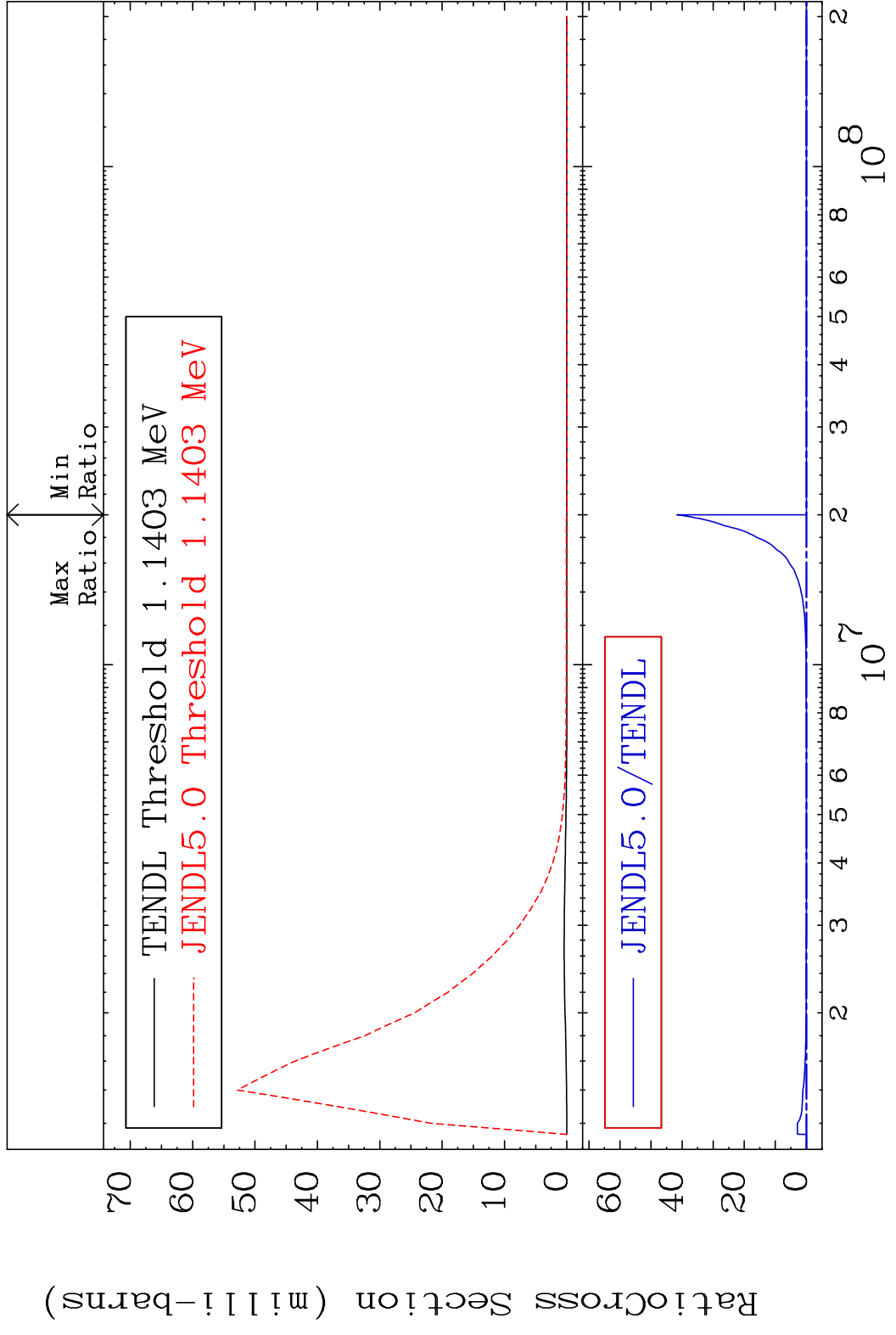
MAT 4840 MT= 74 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



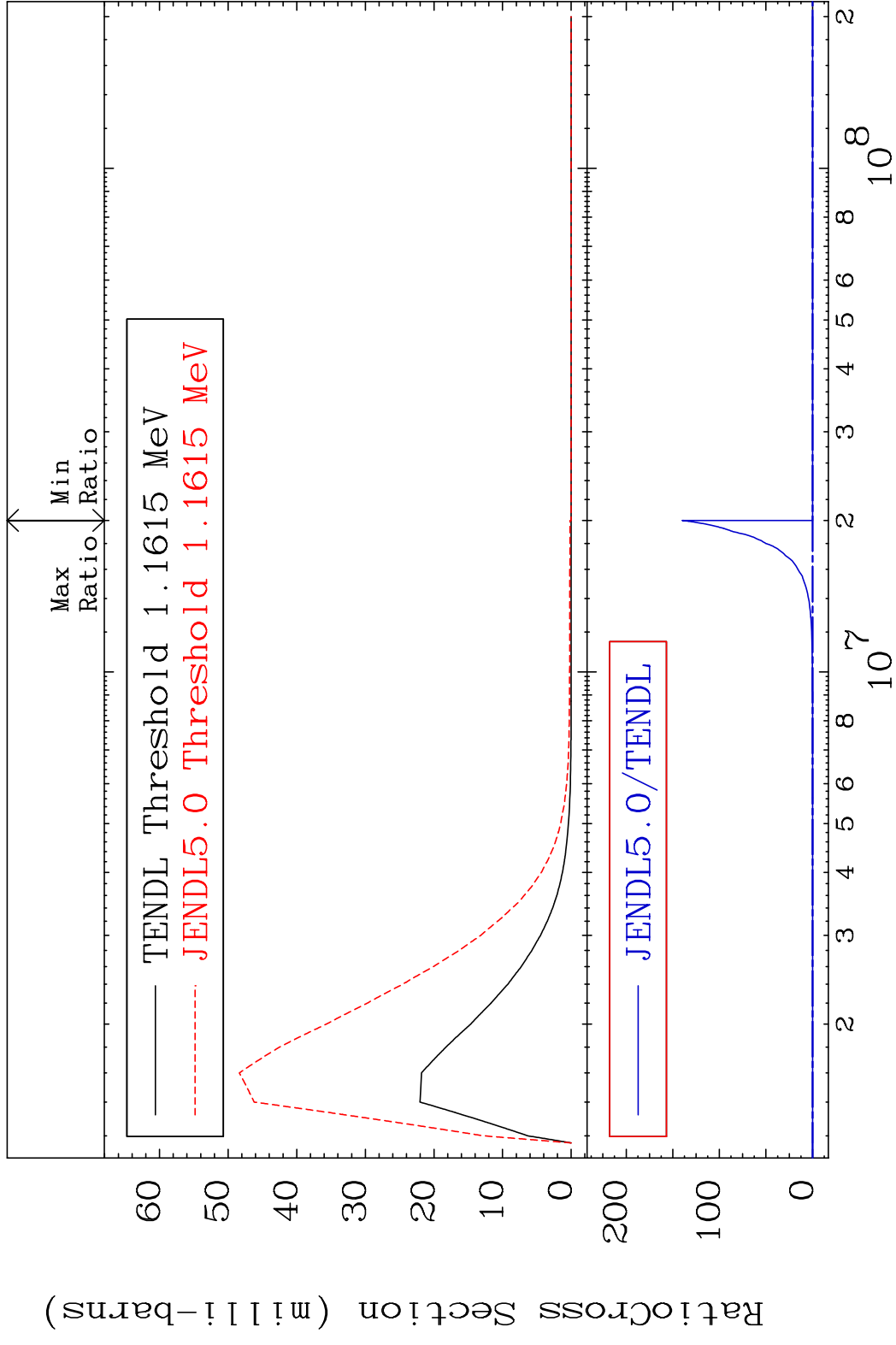
MAT 4840 MT= 75 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



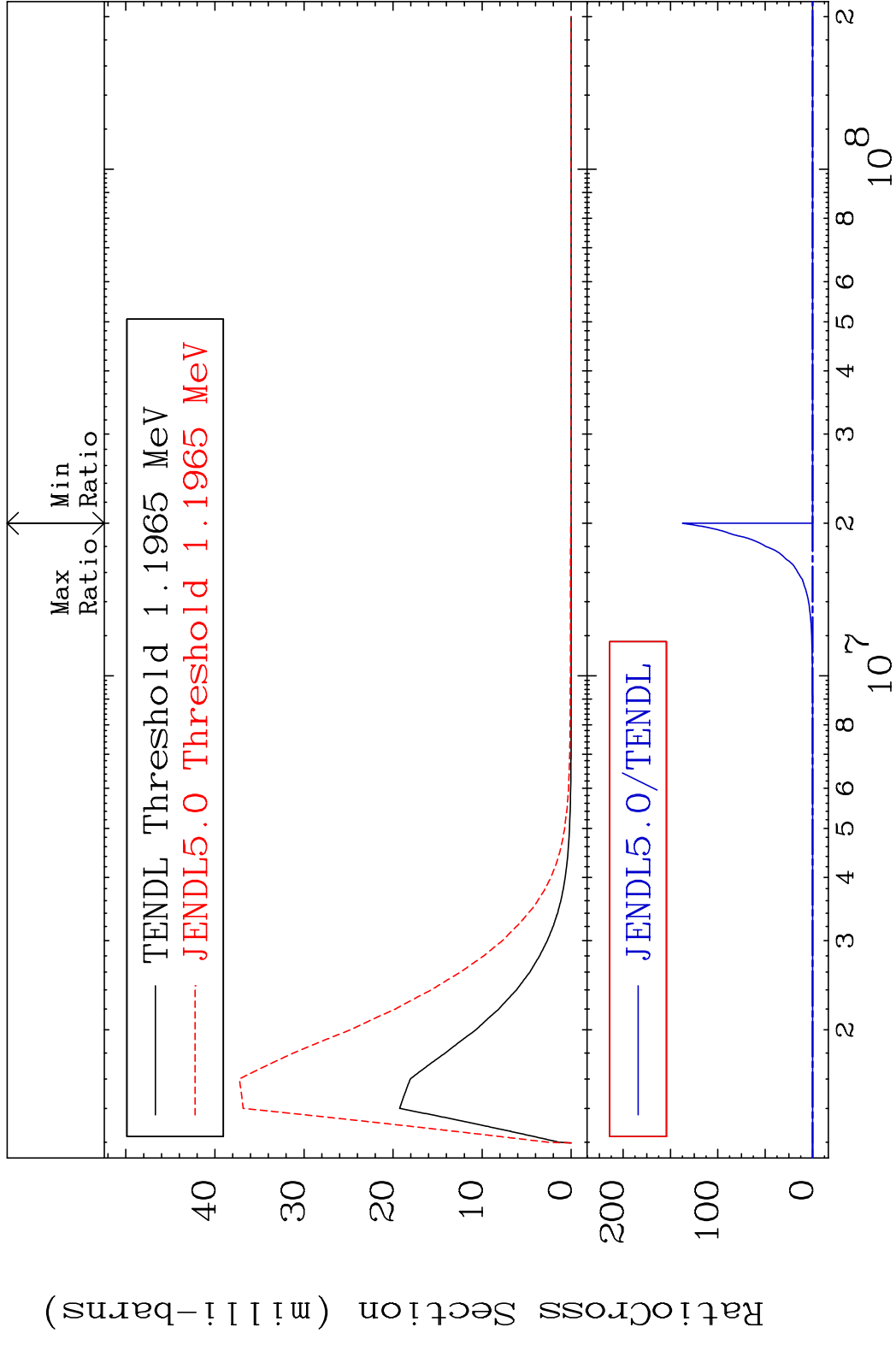
MAT 4840 MT= 76 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



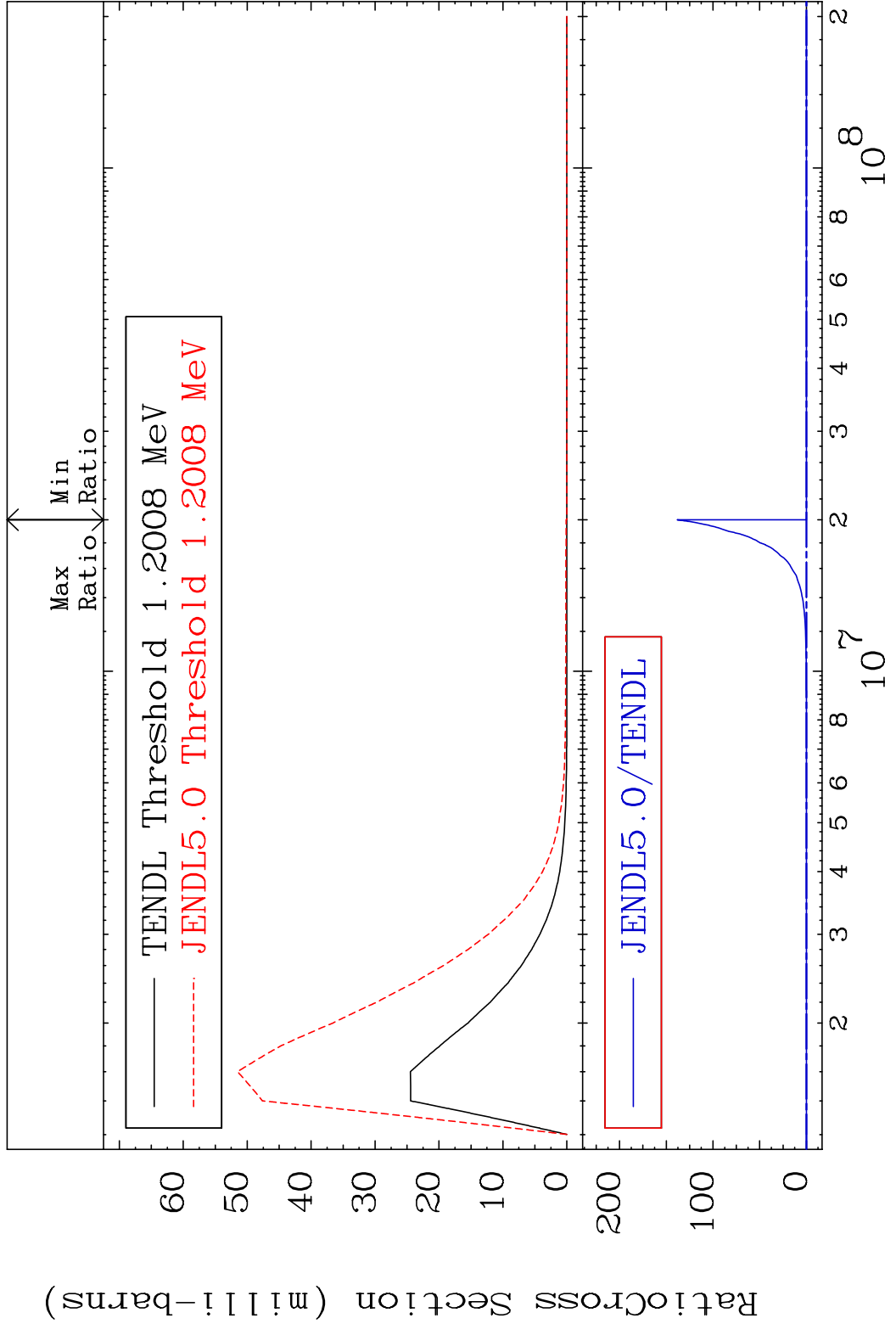
MAT 4840 MT= 77 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



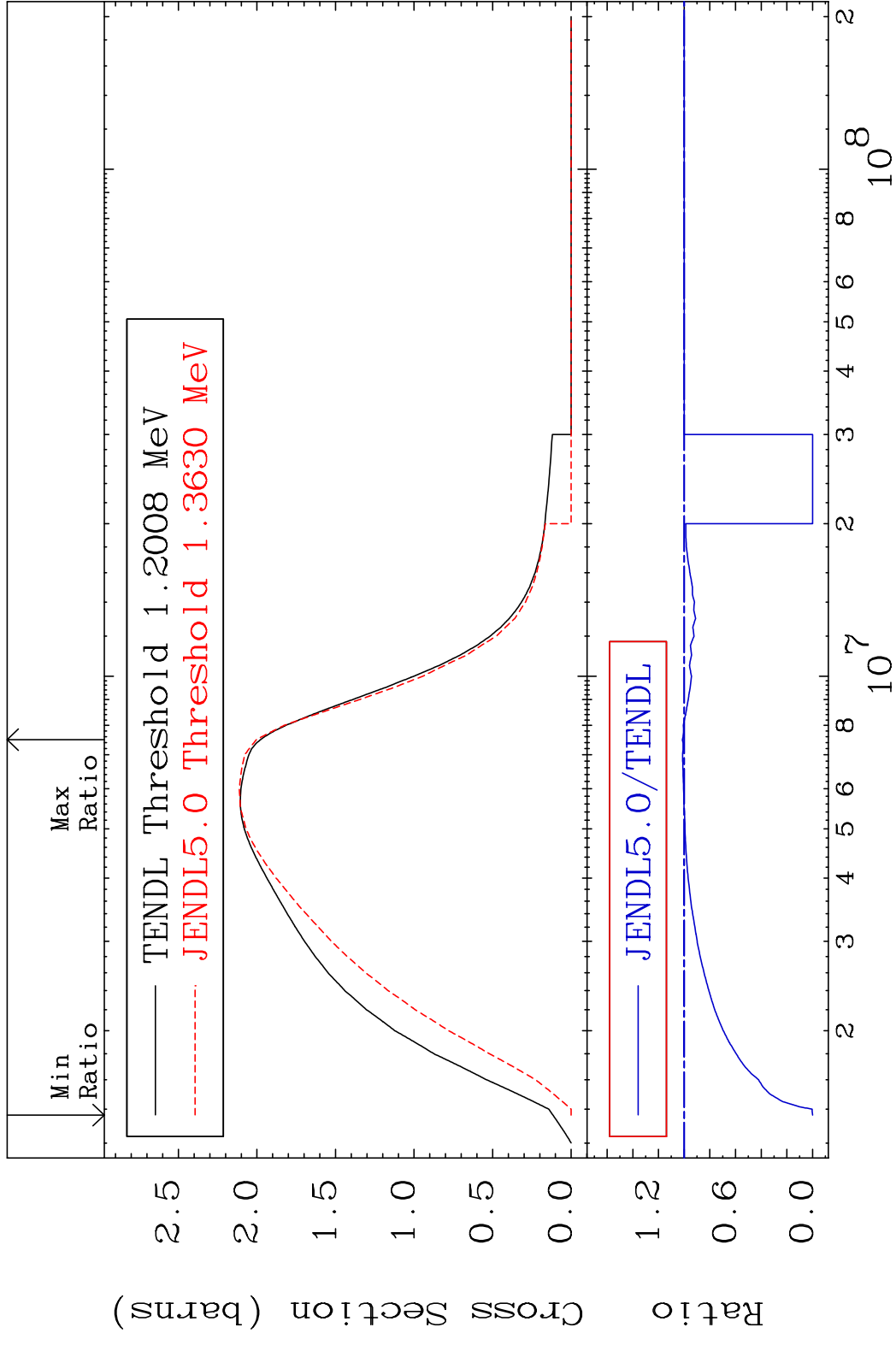
MAT 4840 MT= 78 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 MT= 79 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 (n,n') Continuum 48-Cd-111
 Cross Section -100.0 To 1.408 %

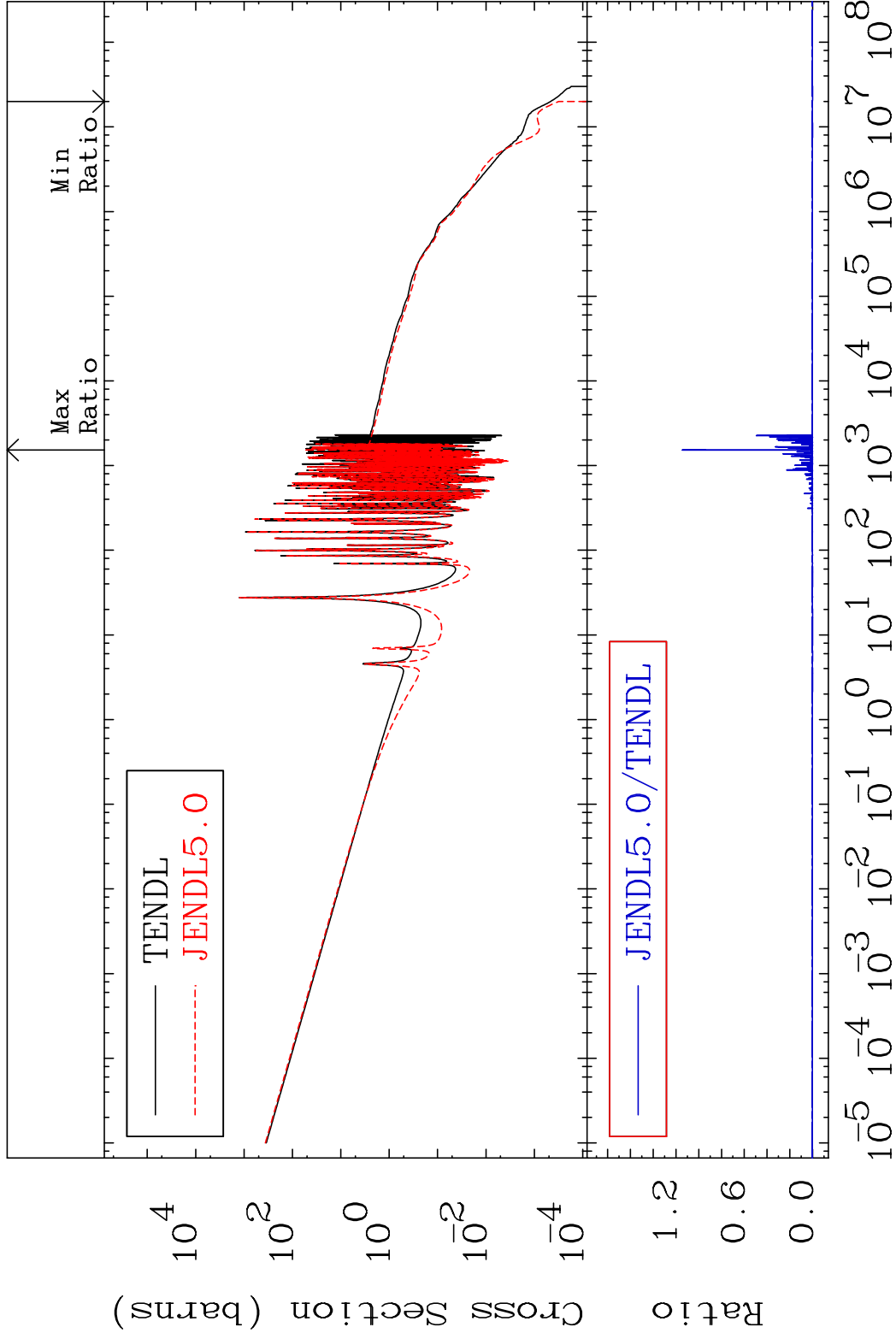


MAT 4840

(n, γ)

48-Cd-111

Cross Section -100.0 To 9999. %

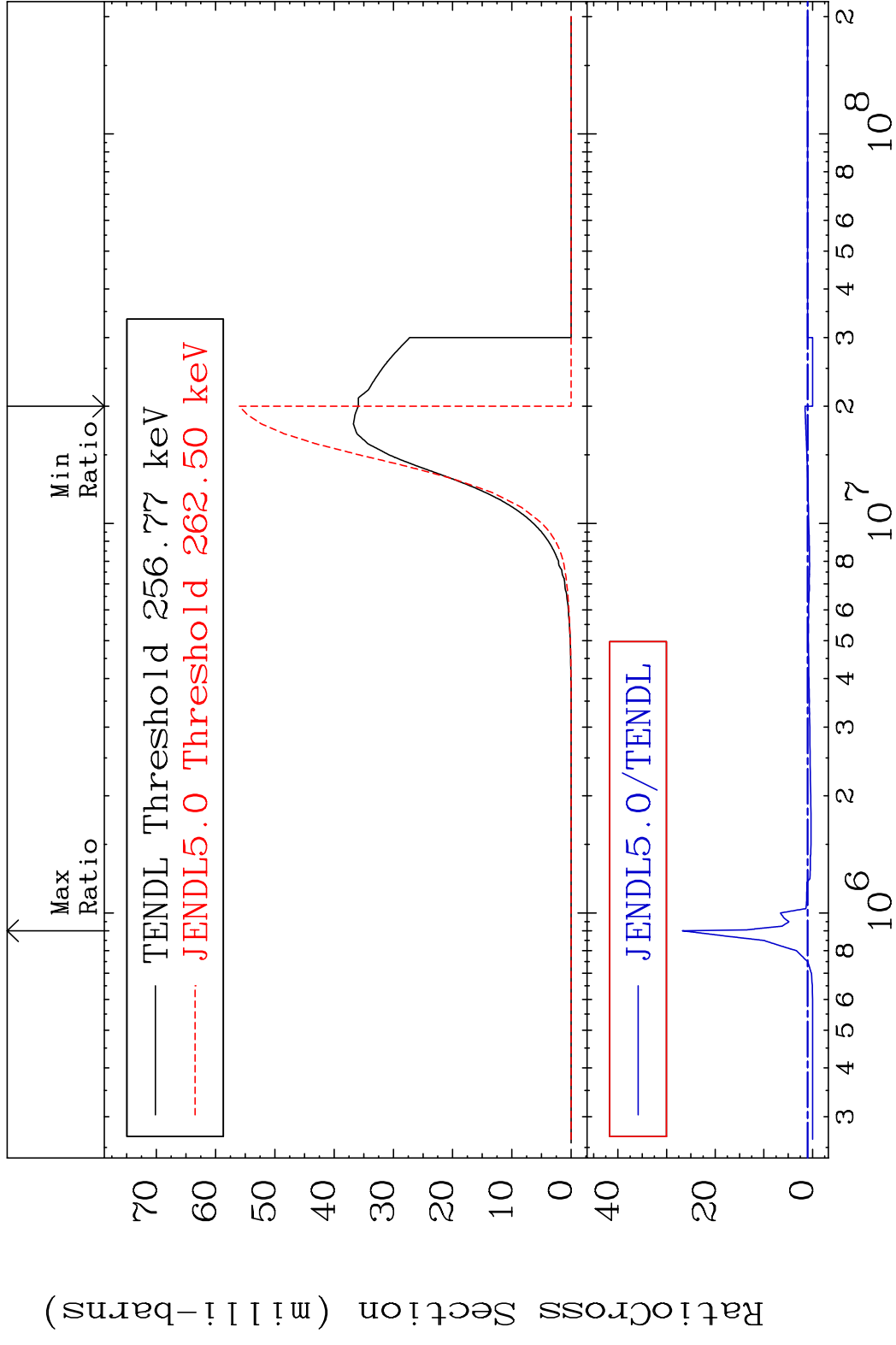


40

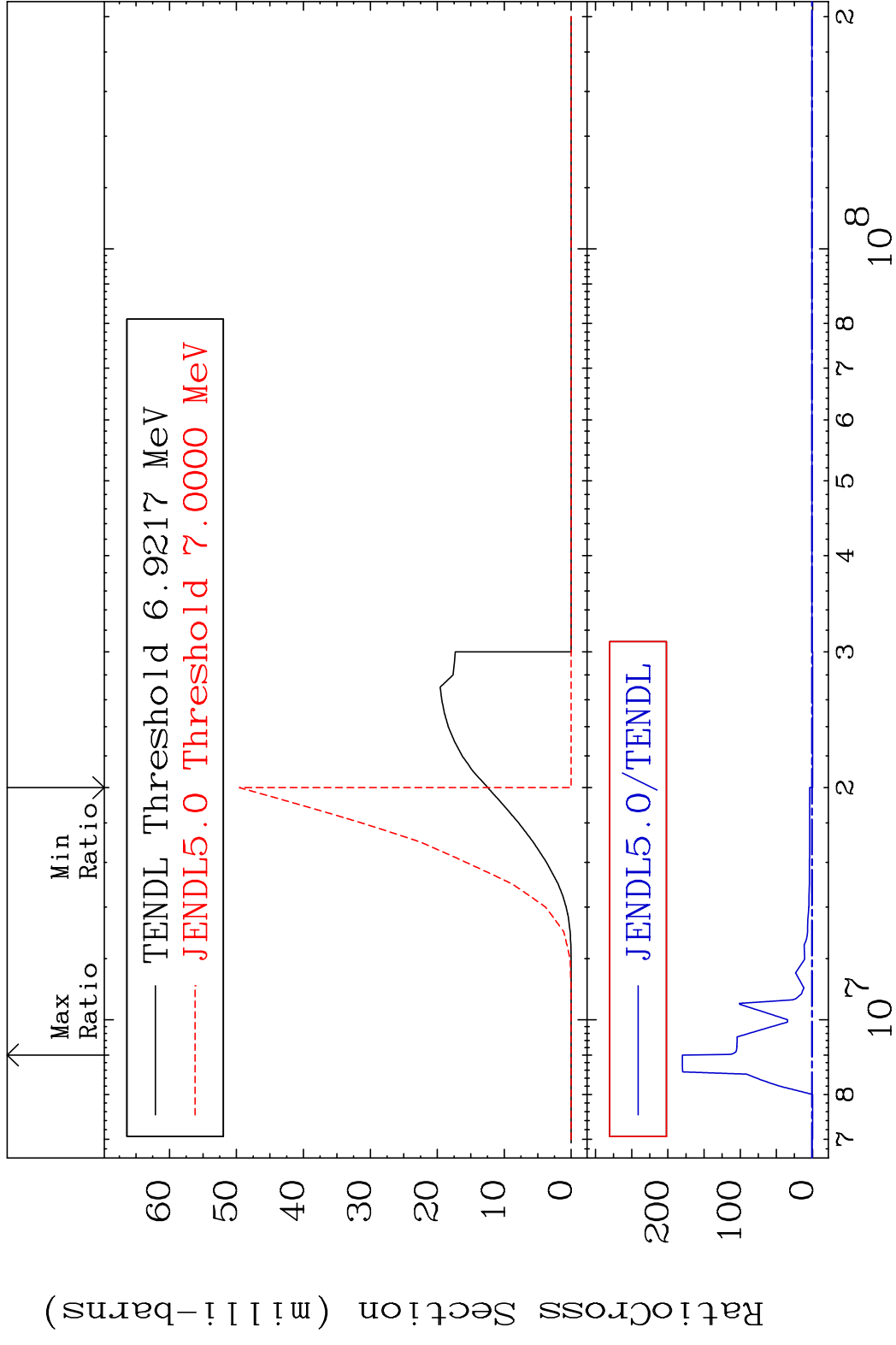
Incident Energy (eV)

48-Cd-111

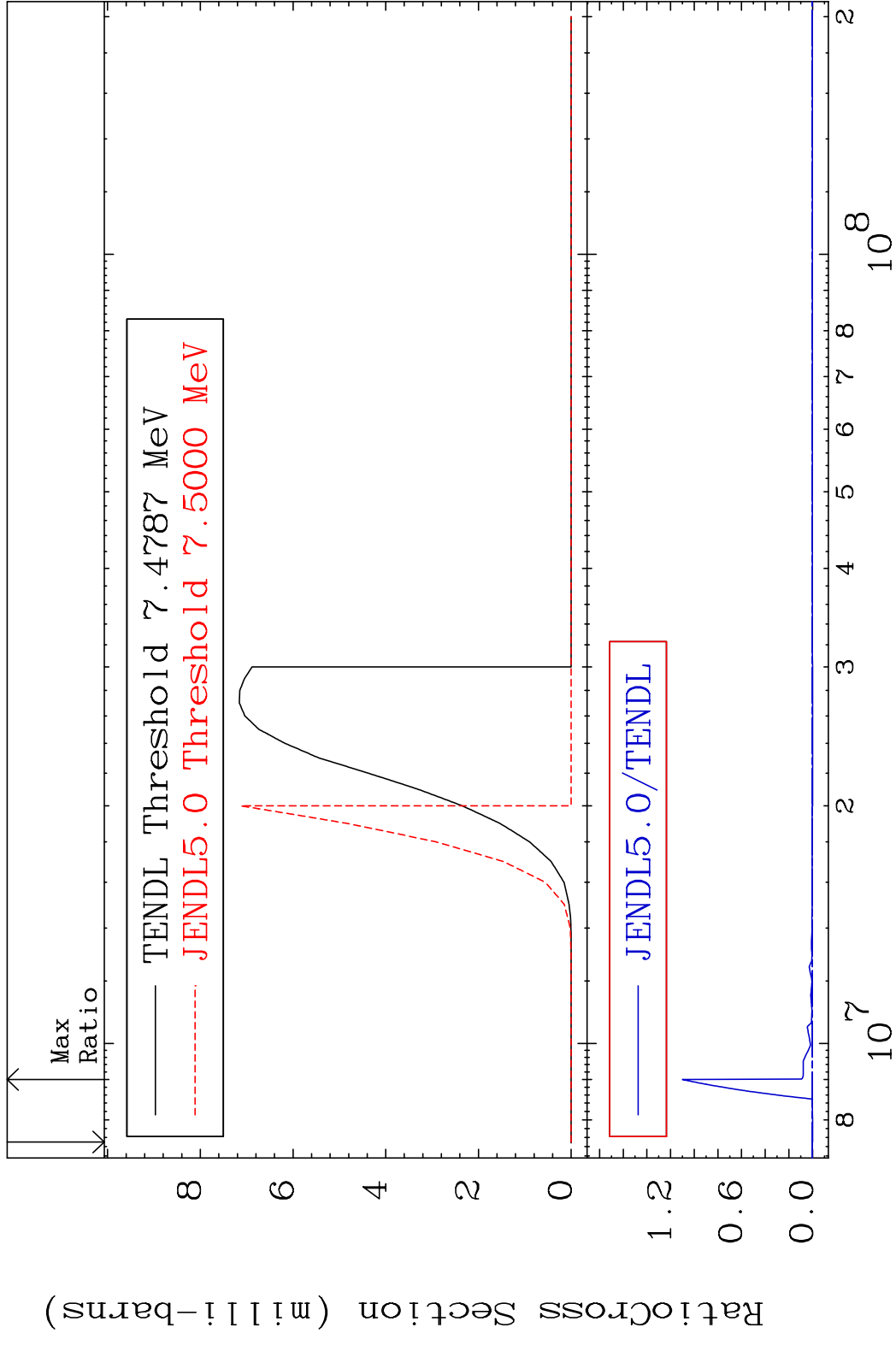
MAT 4840 (n,p) 48-Cd-111
 Cross Section -100.0 To 2576. %



MAT 4840 (n,d) 48-Cd-111
 Cross Section -100.0 To 9999. %

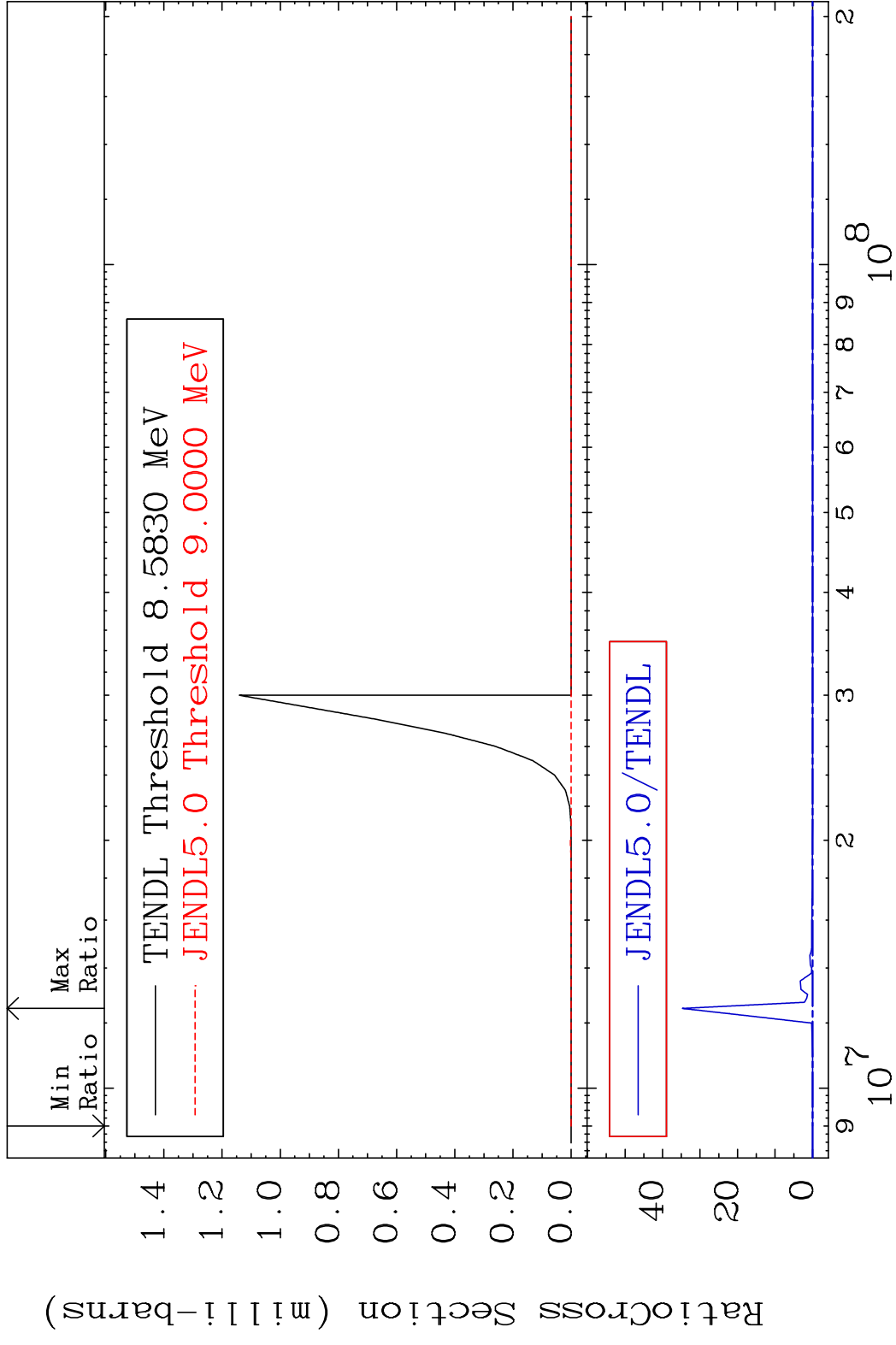


MAT 4840 (n, t) 48-Cd-111
Cross Section -100.0 To 9999. %



43 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, He-3) 48-Cd-111
 Cross Section -100.0 To 9999. %



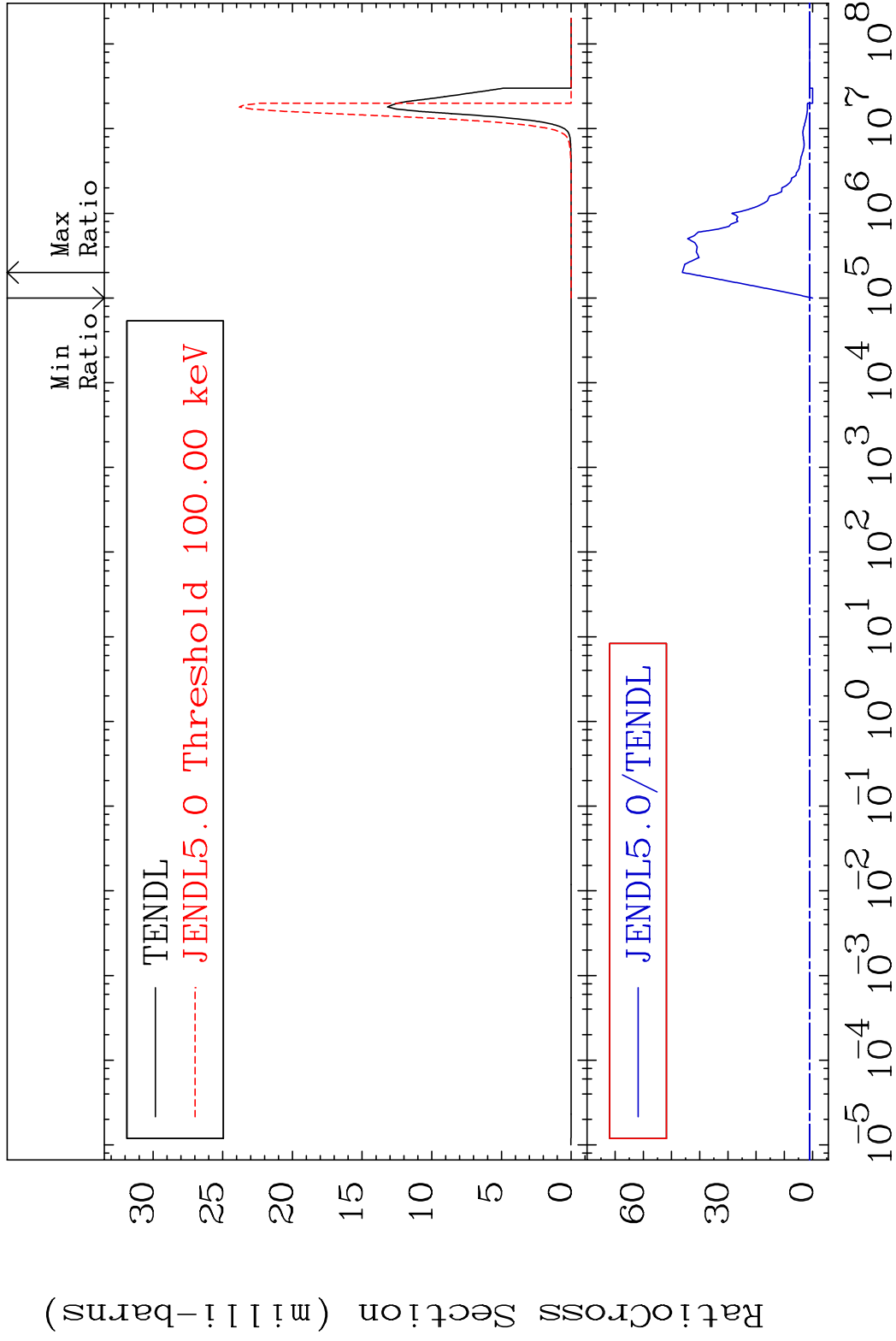
44 Incident Energy (eV) 48-Cd-111

MAT 4840

(n, α)

48-Cd-111

Cross Section -100.0 To 4516. %

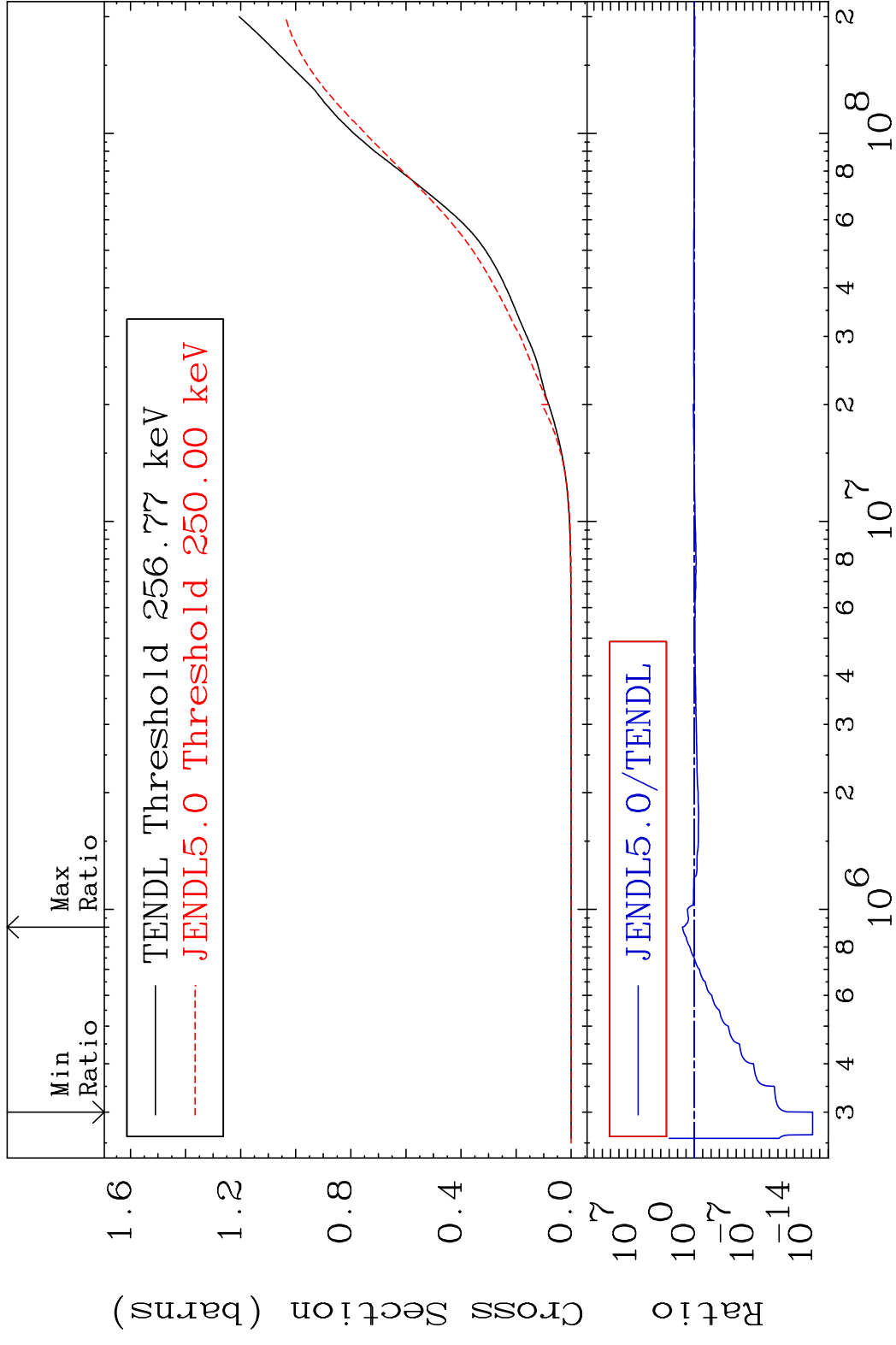


45

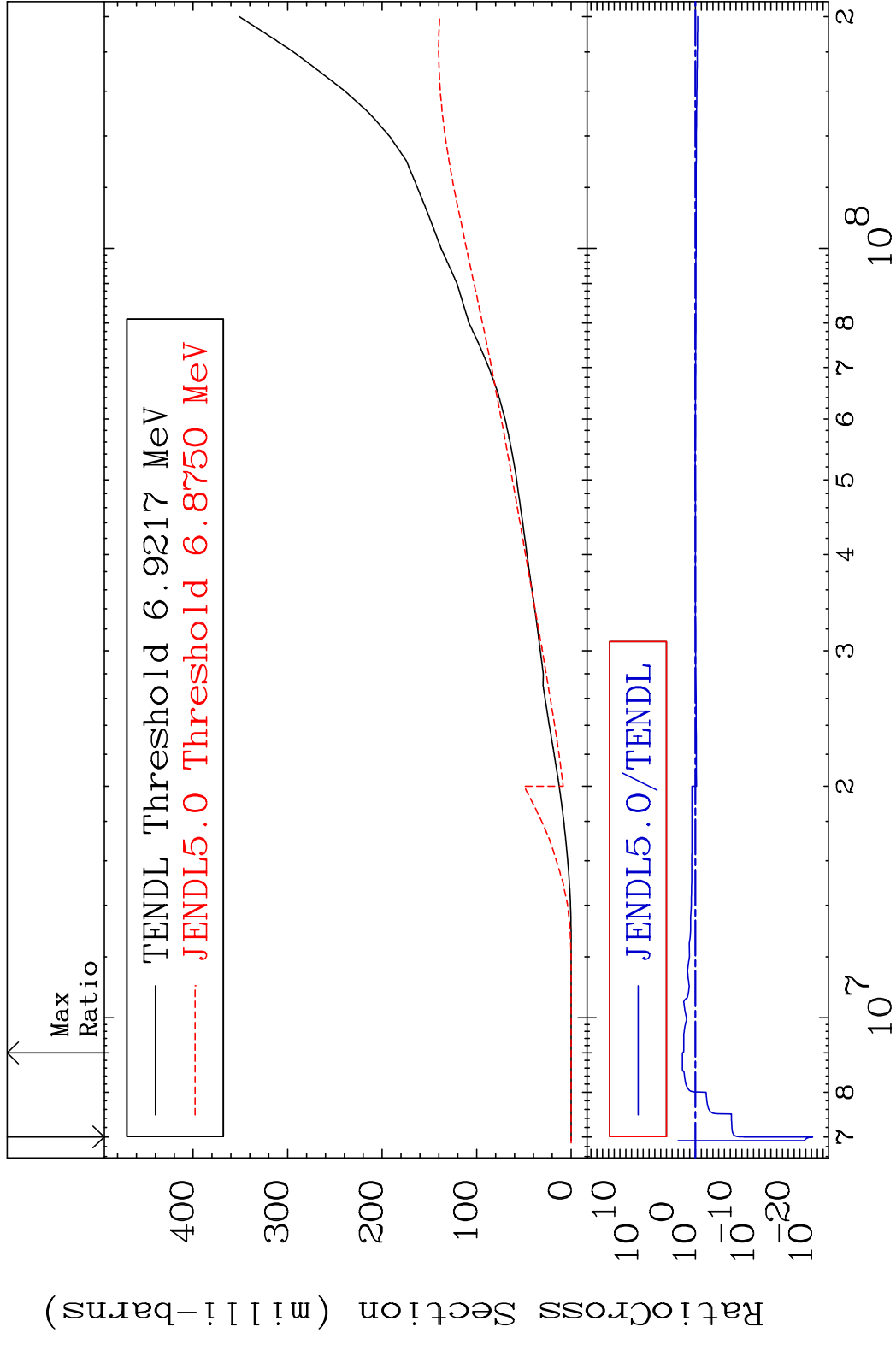
Incident Energy (eV)

48-Cd-111

MAT 4840 Hydrogen Production 48-Cd-111
 Cross Section -100.0 To 2576. %

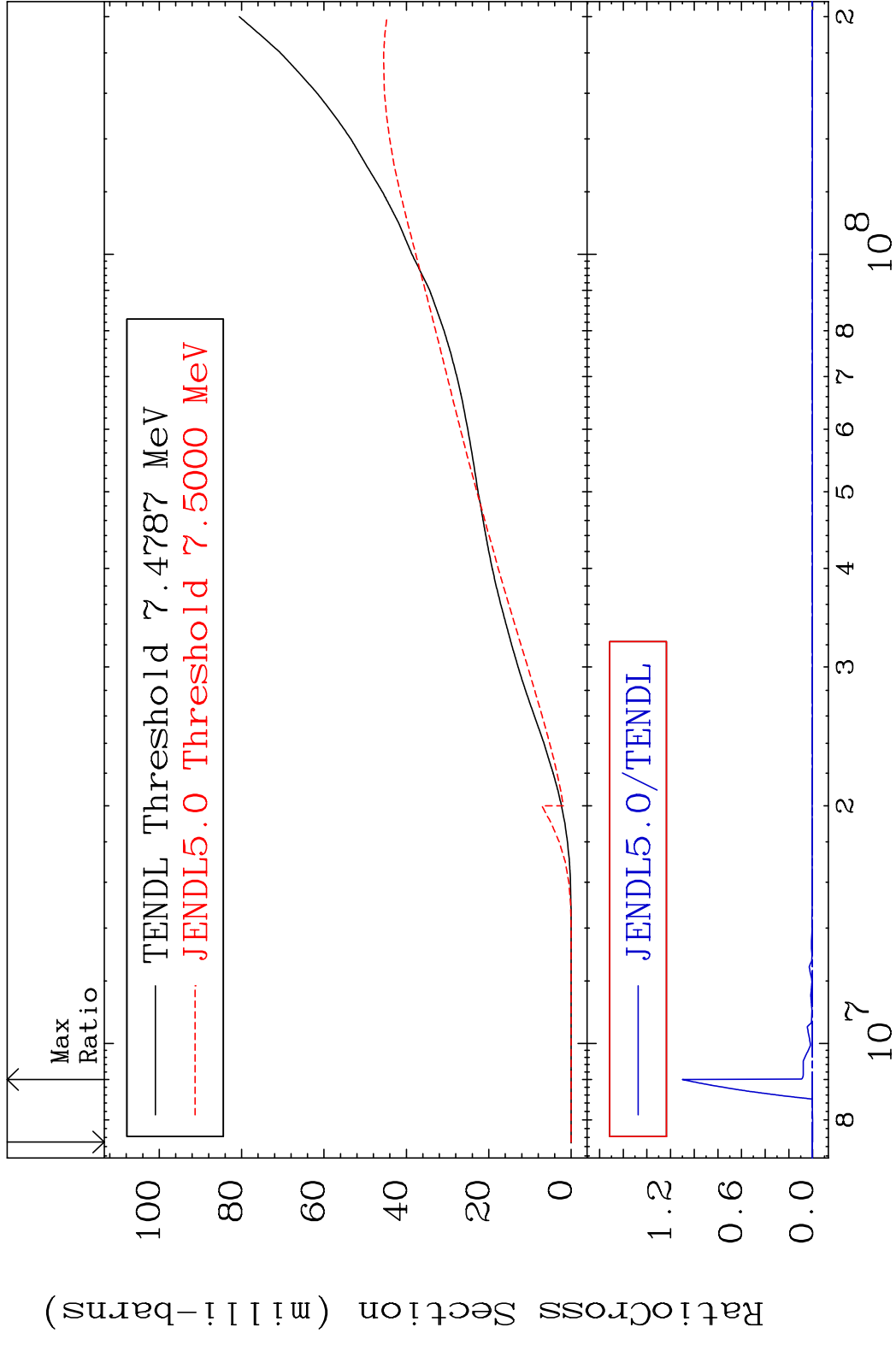


MAT 4840 Deuterium Production 48-Cd-111
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 48-Cd-111

MAT 4840 Tritium Production 48-Cd-111
 Cross Section -100.0 To 9999. %



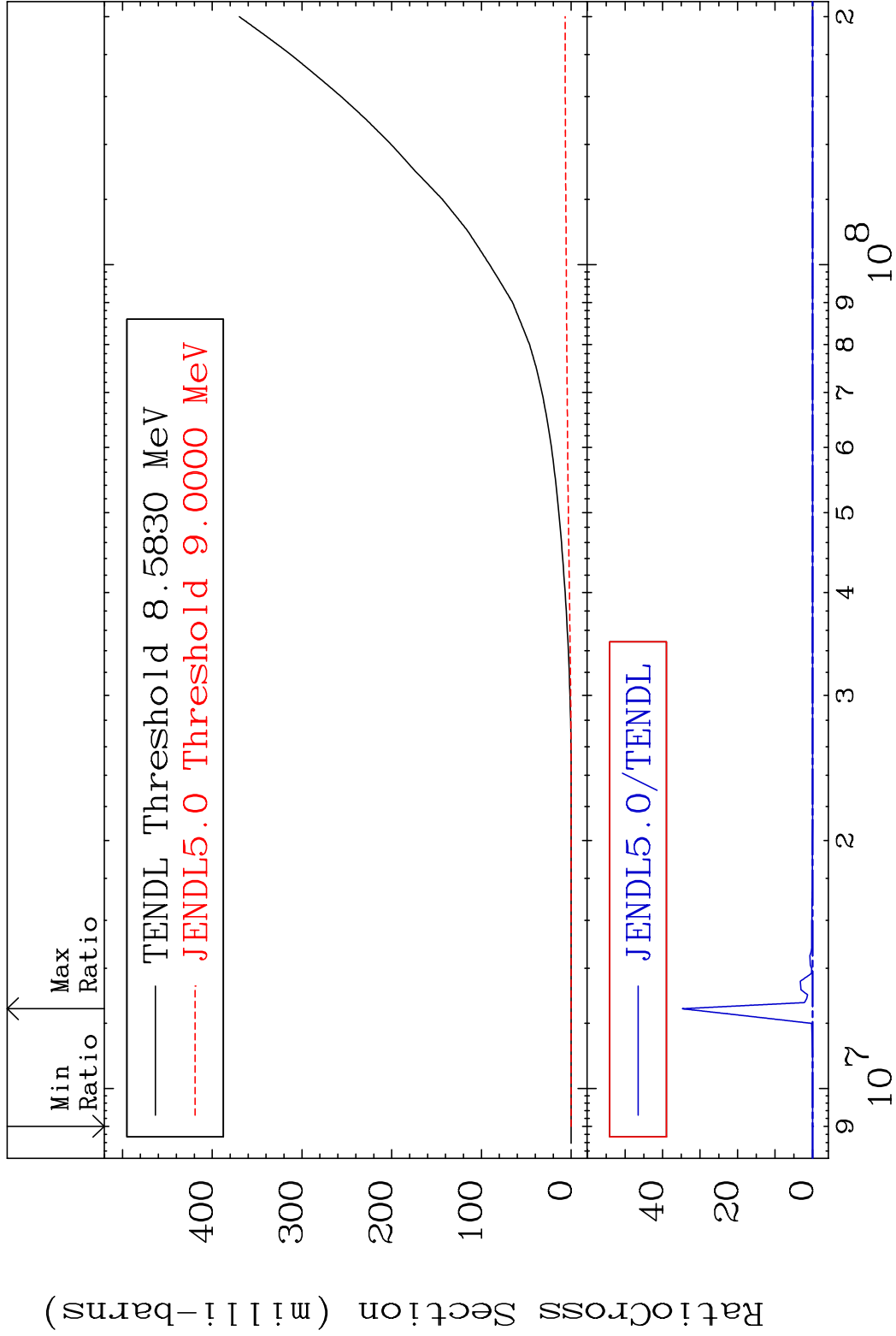
48 48-Cd-111

MAT 4840

He-3 Production

48-Cd-111

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

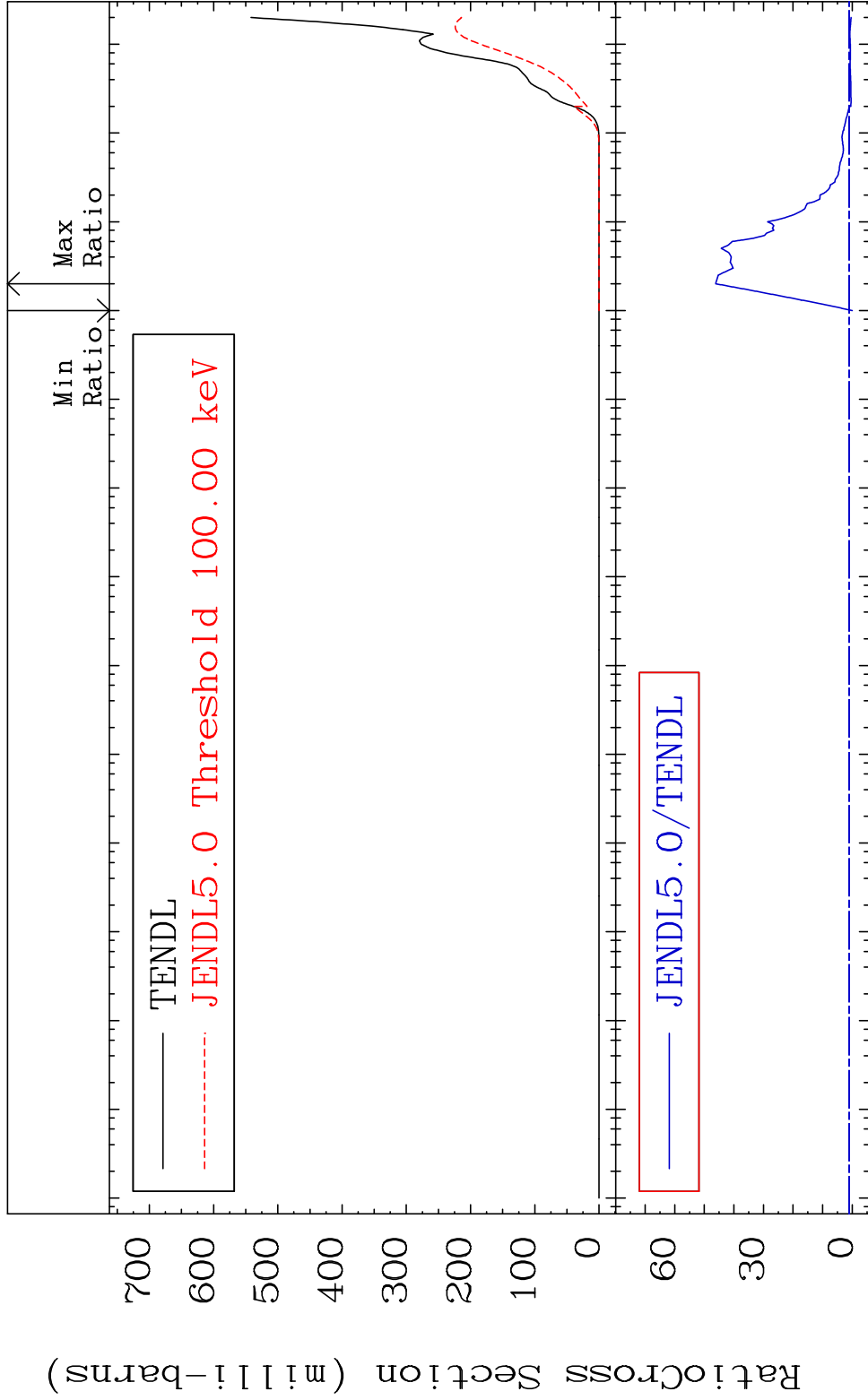
48-Cd-111

MAT 4840

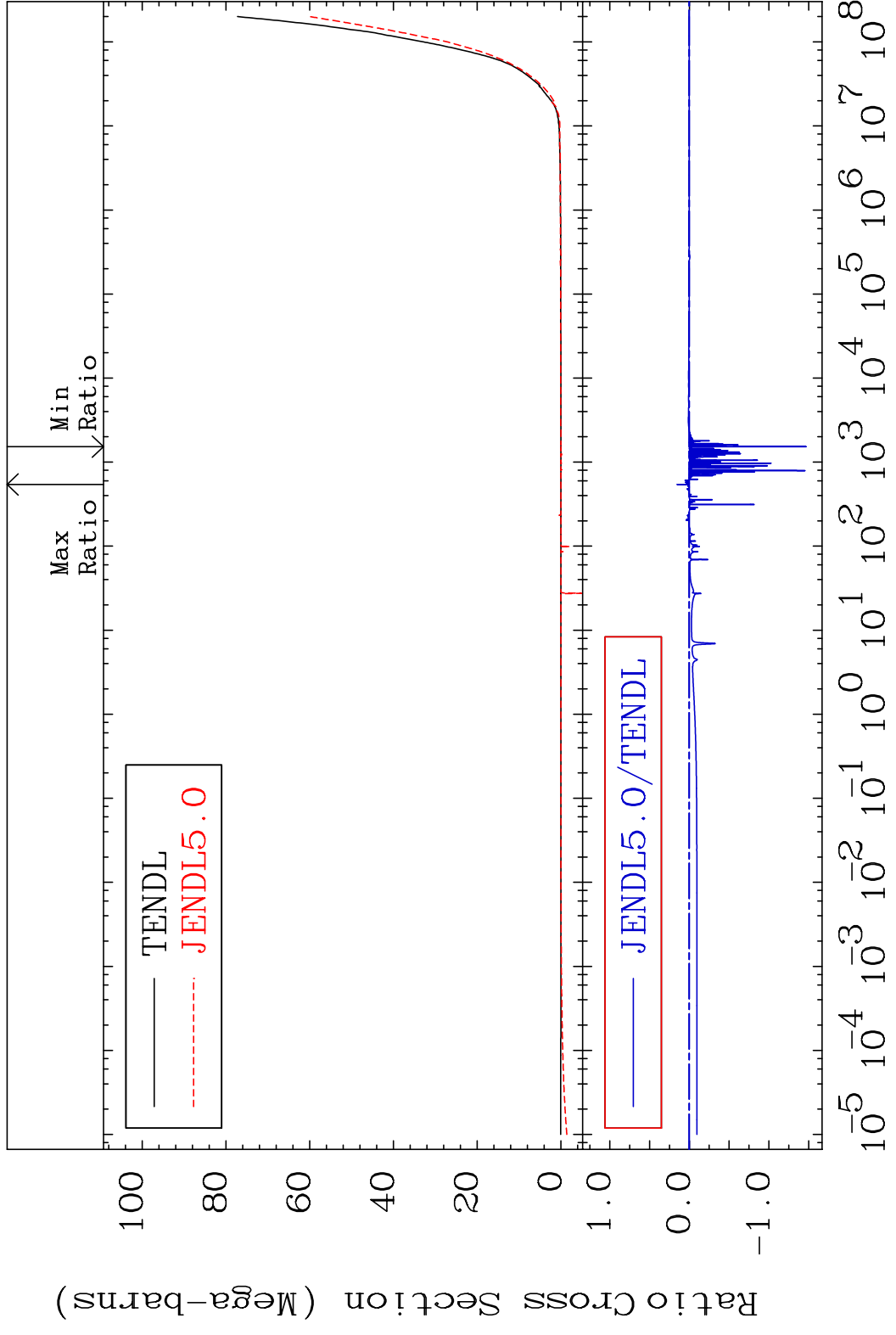
He-4 Production

48-Cd-111

Cross Section -100.0 To 4516. %



MAT 4840 Kerma total (eV-barns) 48-Cd-111
Cross Section -9999. To 9999. %

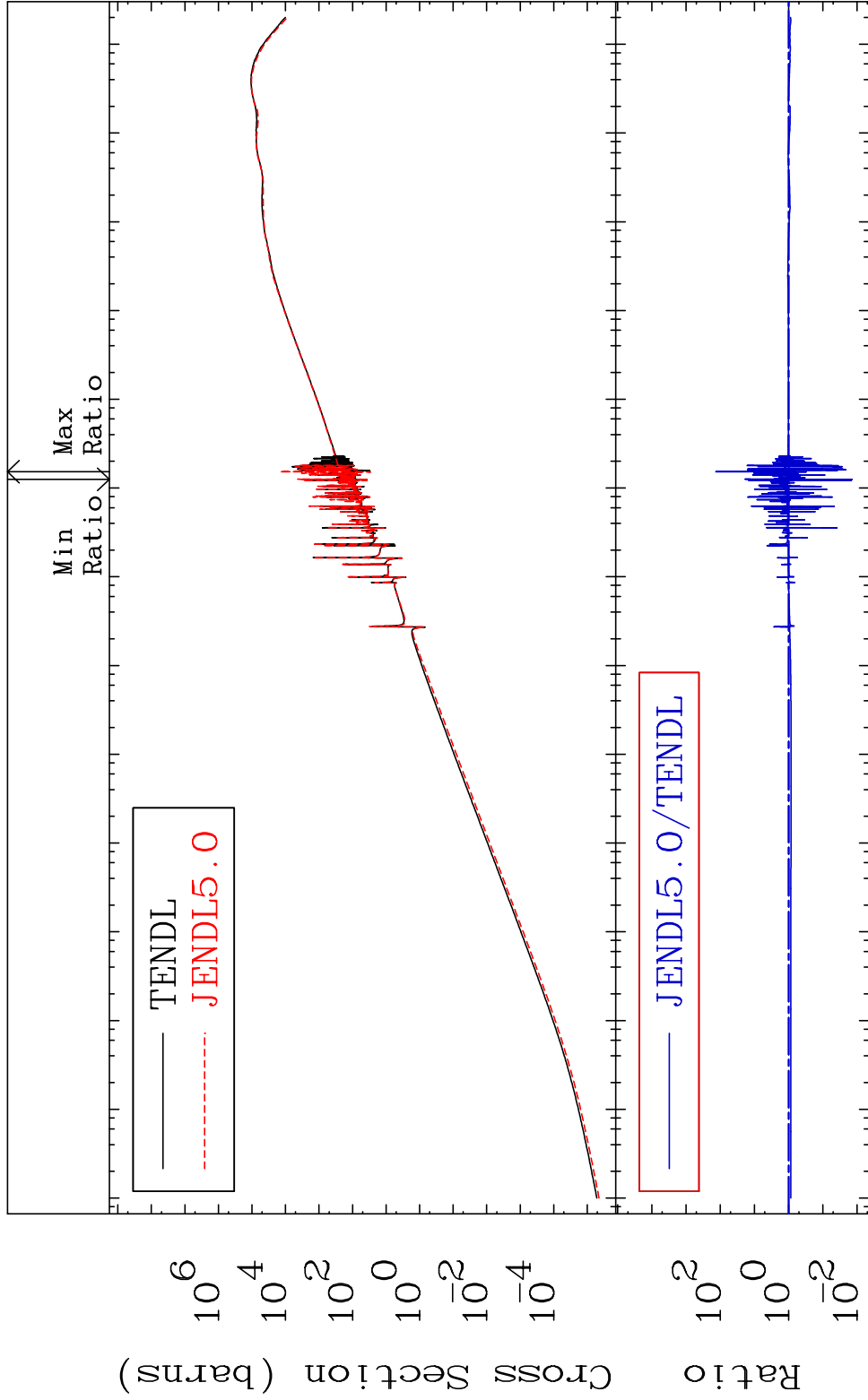


MAT 4840

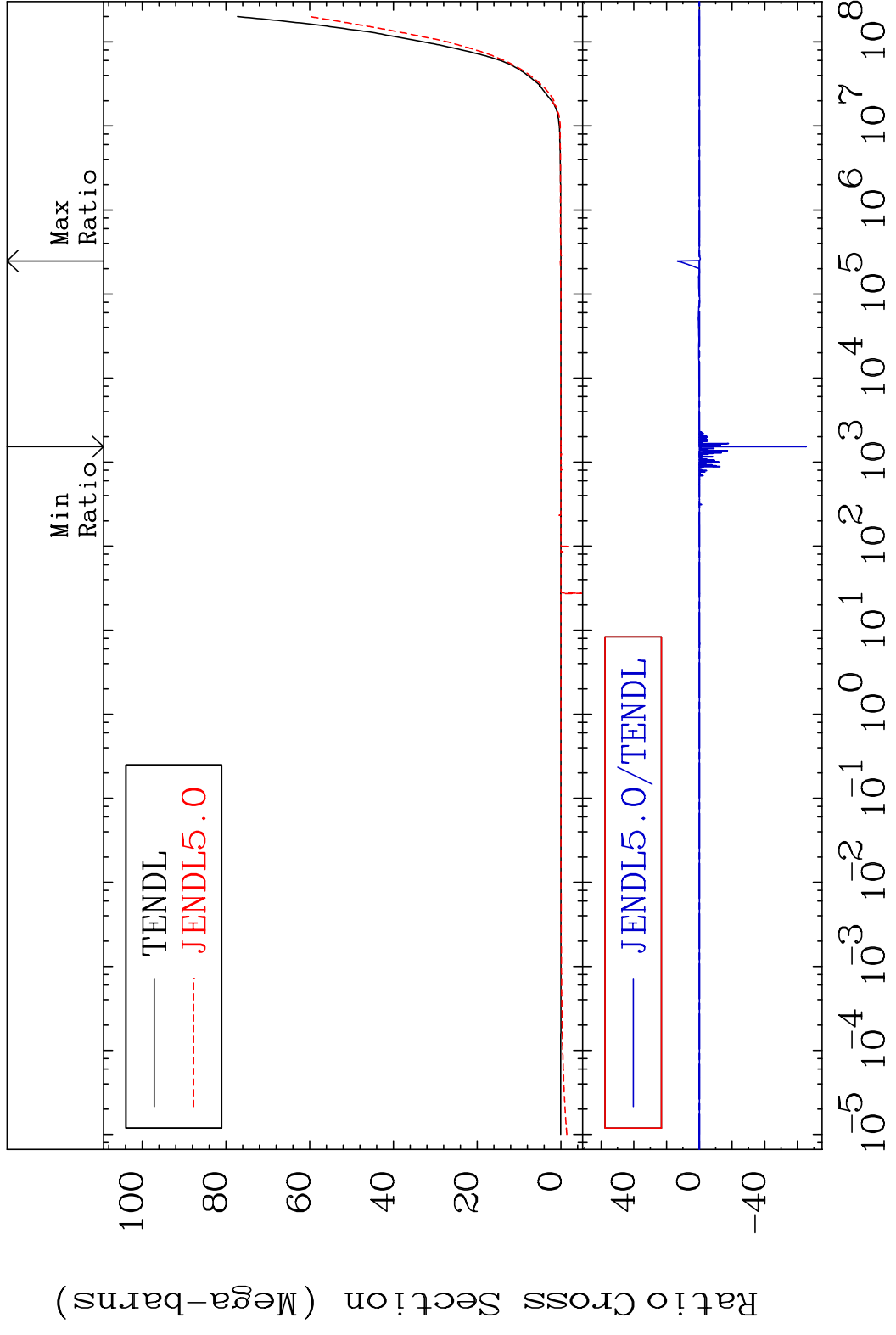
Kerma elastic

48-Cd-111

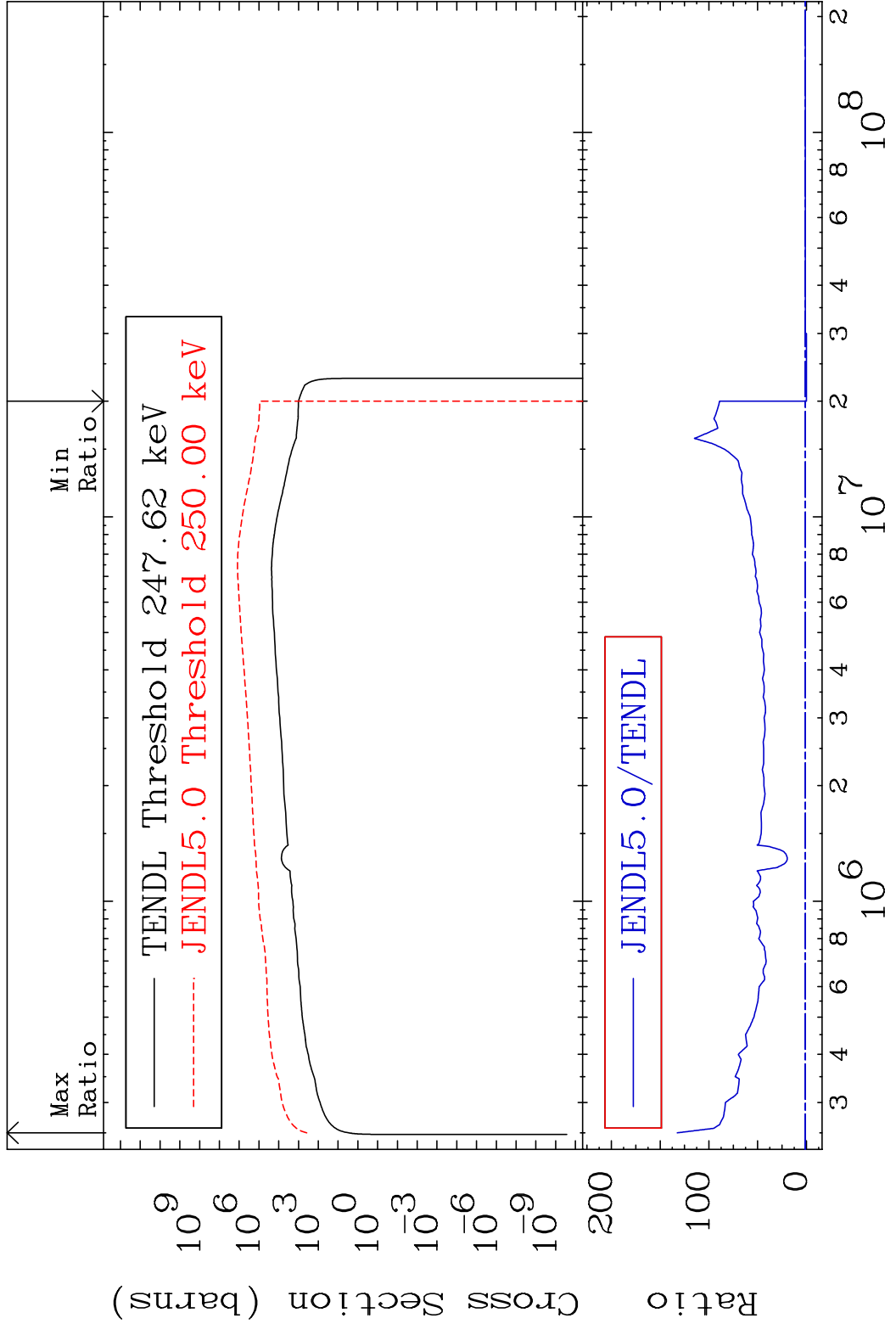
Cross Section -98.61 To 9999. %



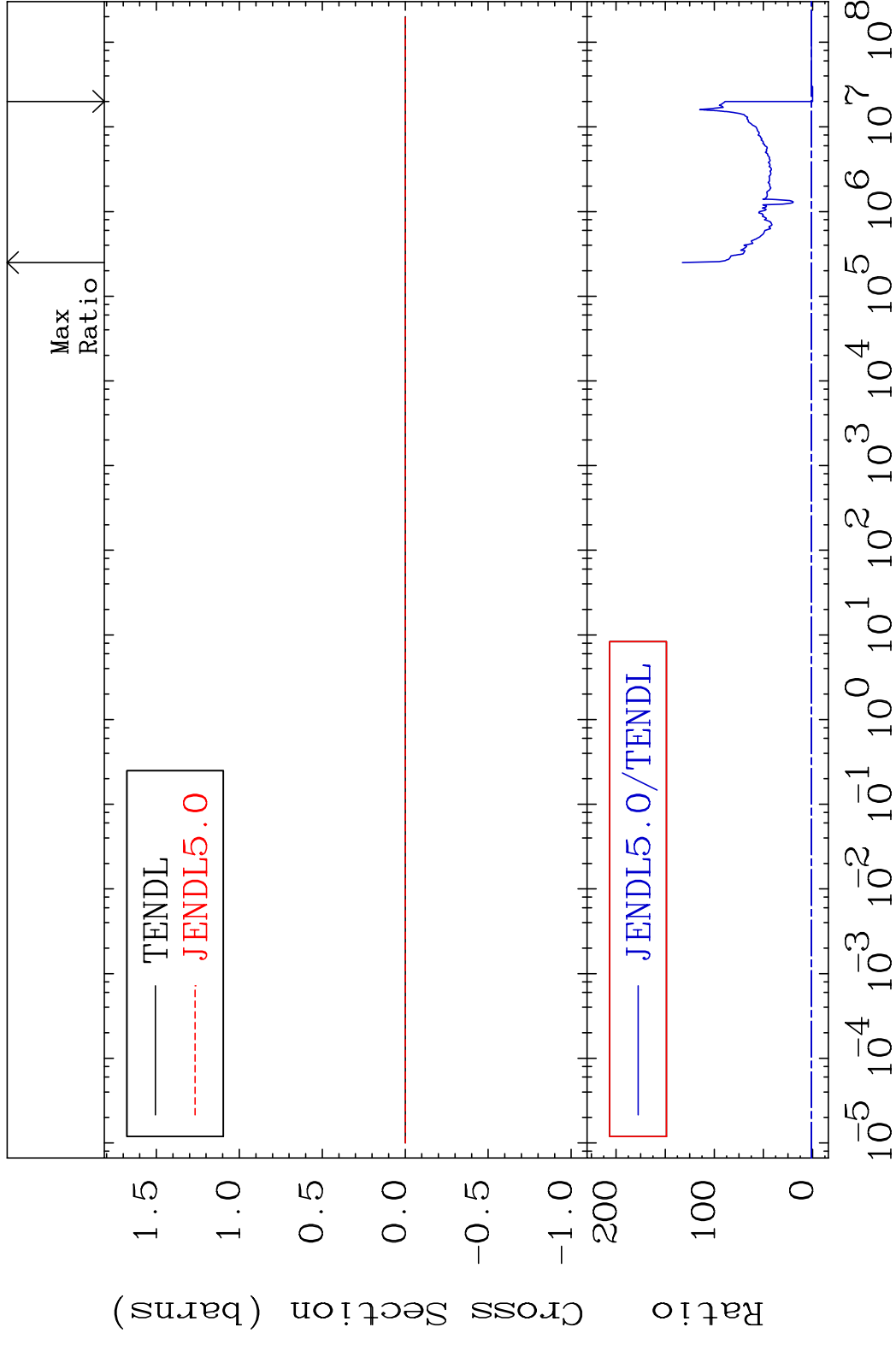
MAT 4840 Kerma non-elastic (all but mt2) 48-Cd-111
Cross Section -9999. To 9999. %



MAT 4840 Kerma inelastic (mt51-91) 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-111
 Cross Section -100.0 To 9999. %

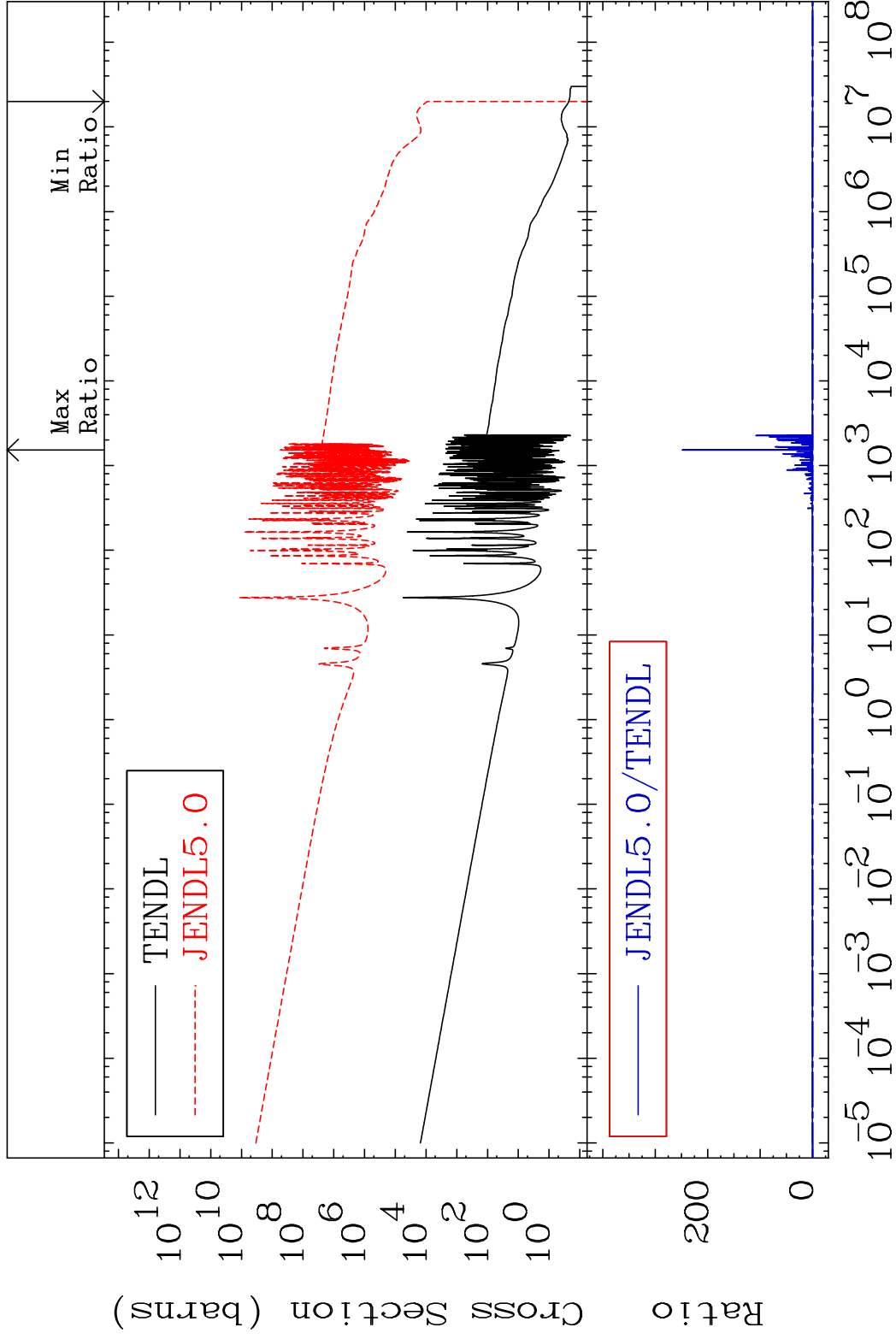


MAT 4840

Kerma capture (mt102)

48-Cd-111

Cross Section -100.0 To 9999. %



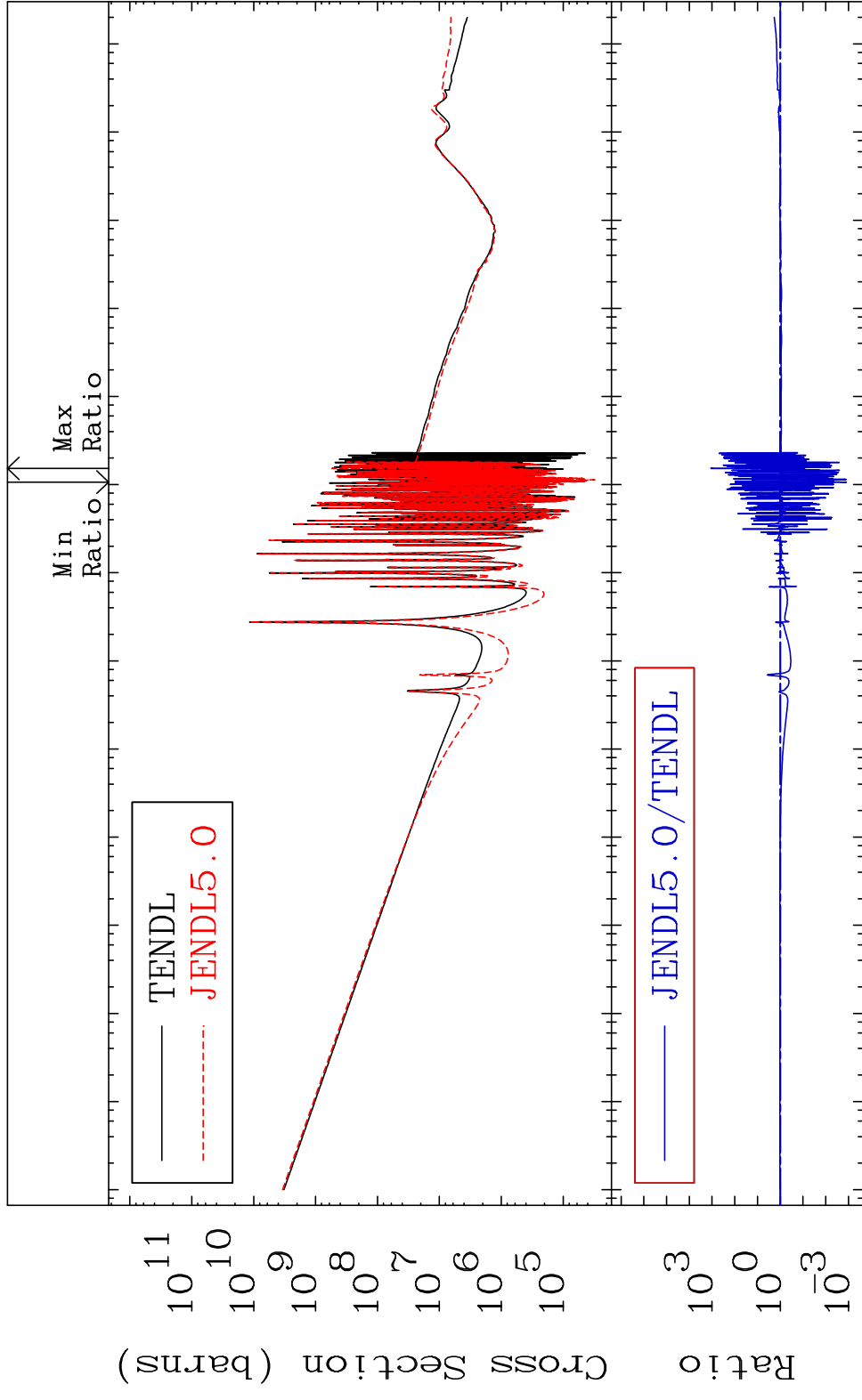
56

Incident Energy (eV)

48-Cd-111

MAT 4840

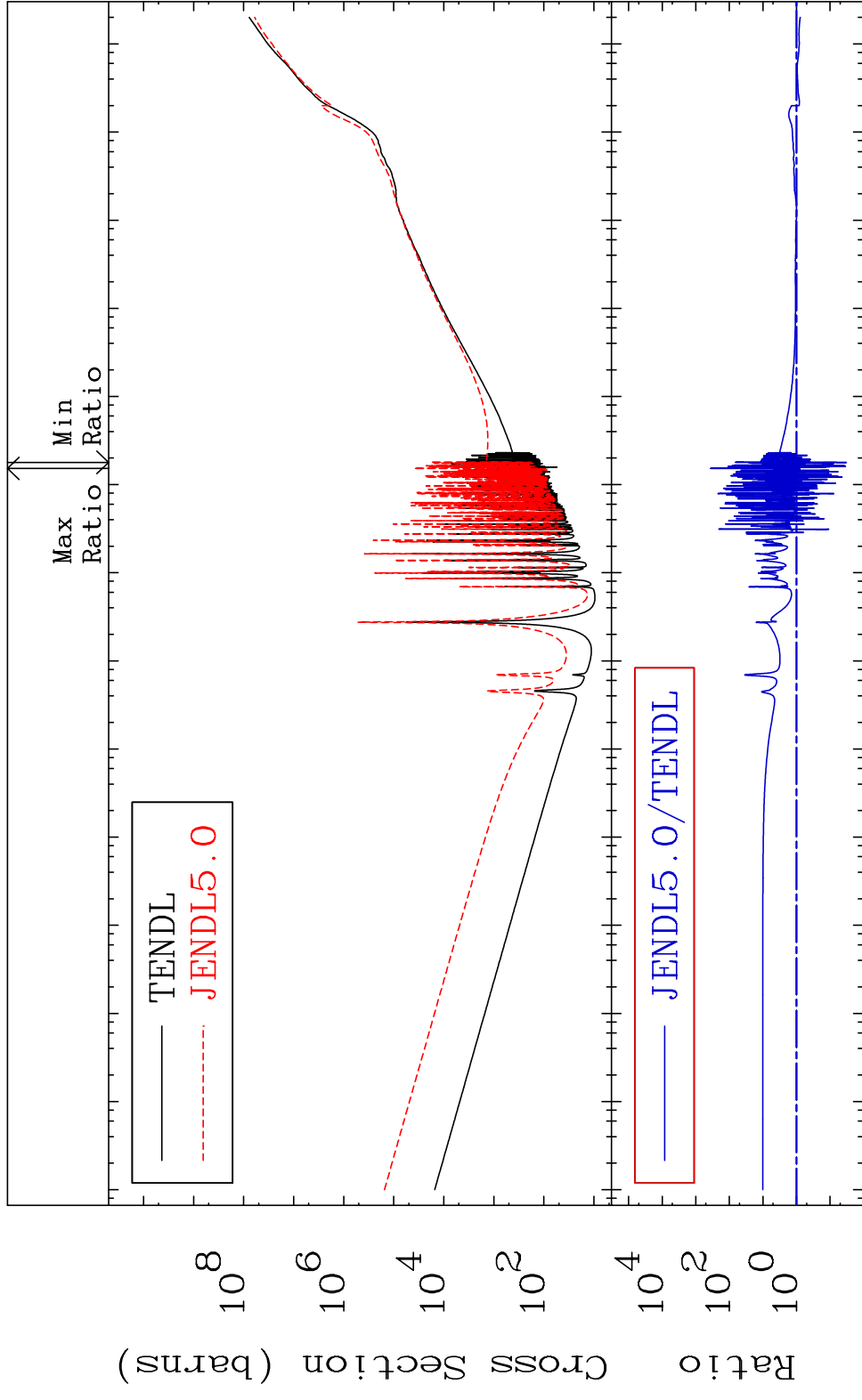
Total photon (eV-barns) 48-Cd-111
Cross Section -99.88 To 9999. %



57

Incident Energy (eV) 48-Cd-111

MAT 4840 Total kinematic kerma (high limit) 48-Cd-111
 Cross Section -96.72 To 9999. %

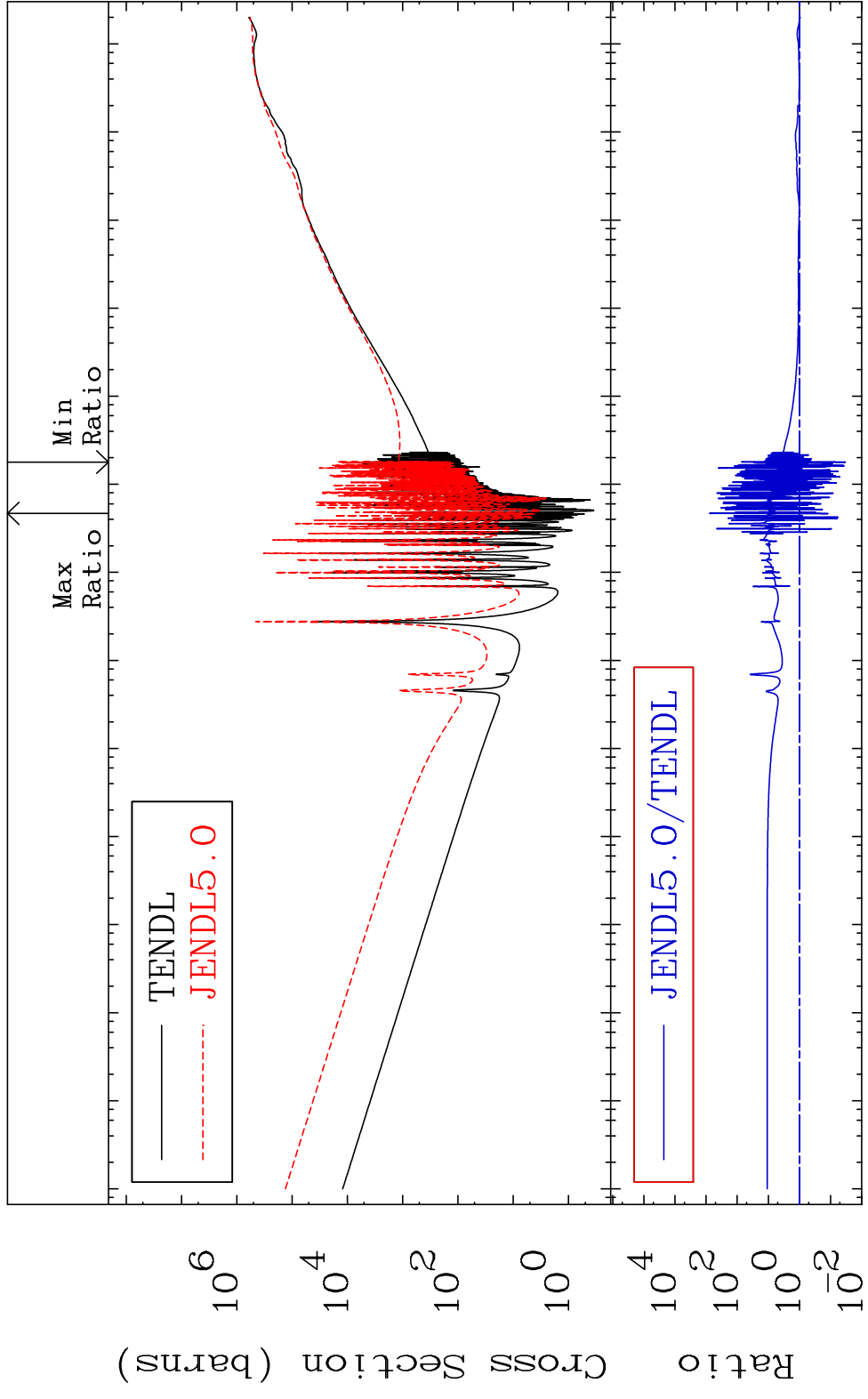


MAT 4840

Dpa total (eV-barns)

48-Cd-111

Cross Section -96.65 To 9999. %

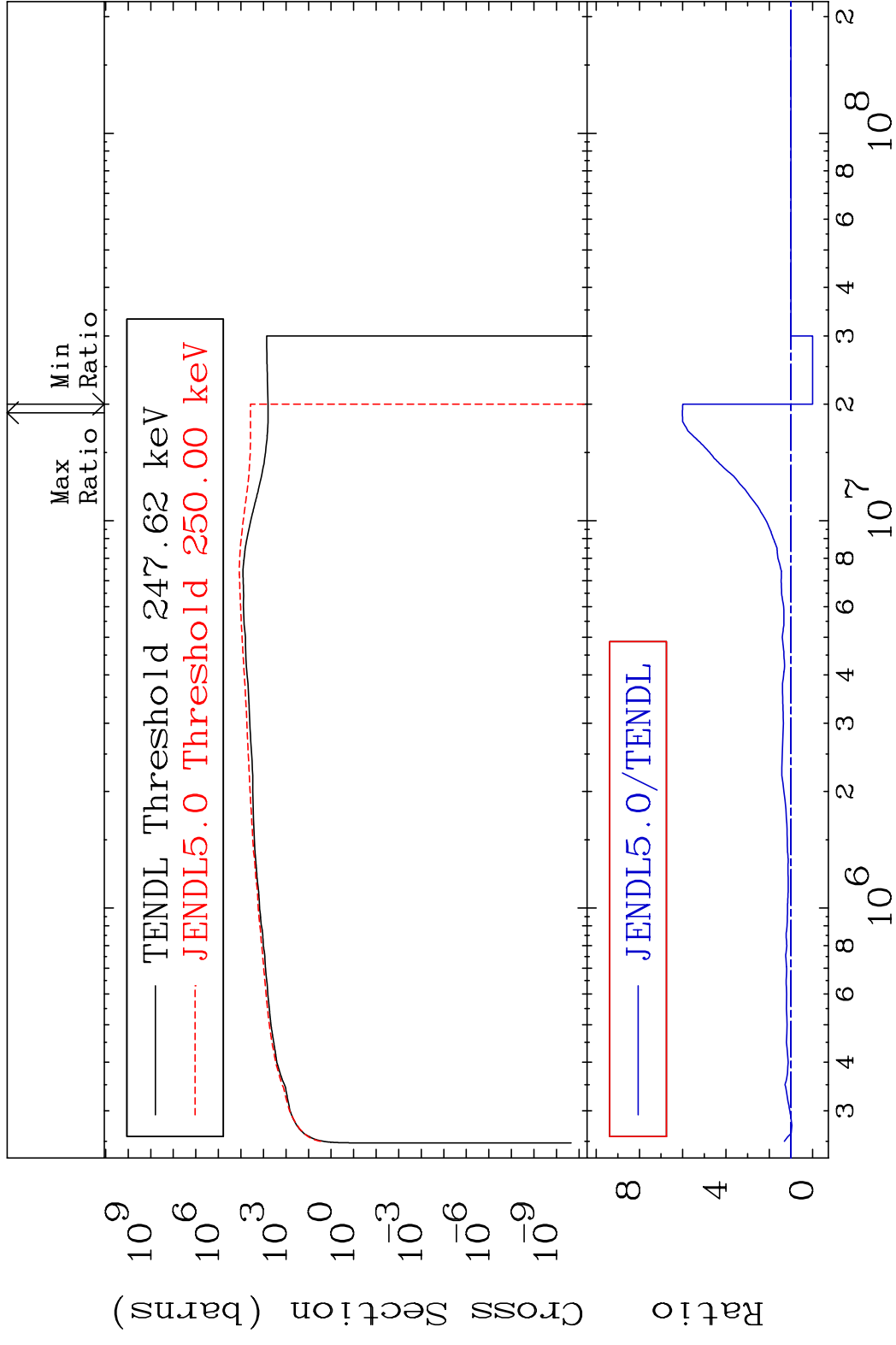


59

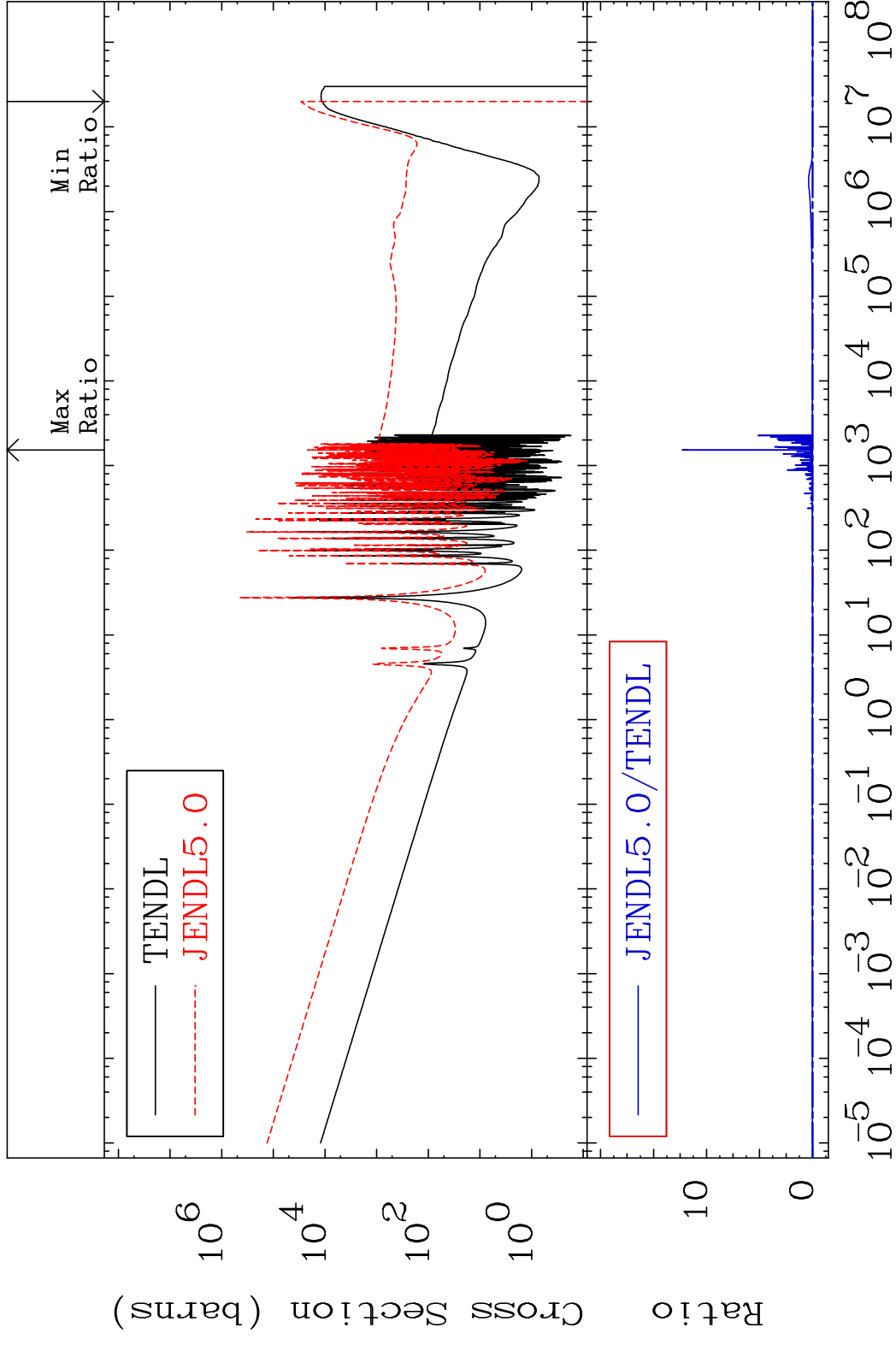
Incident Energy (eV)

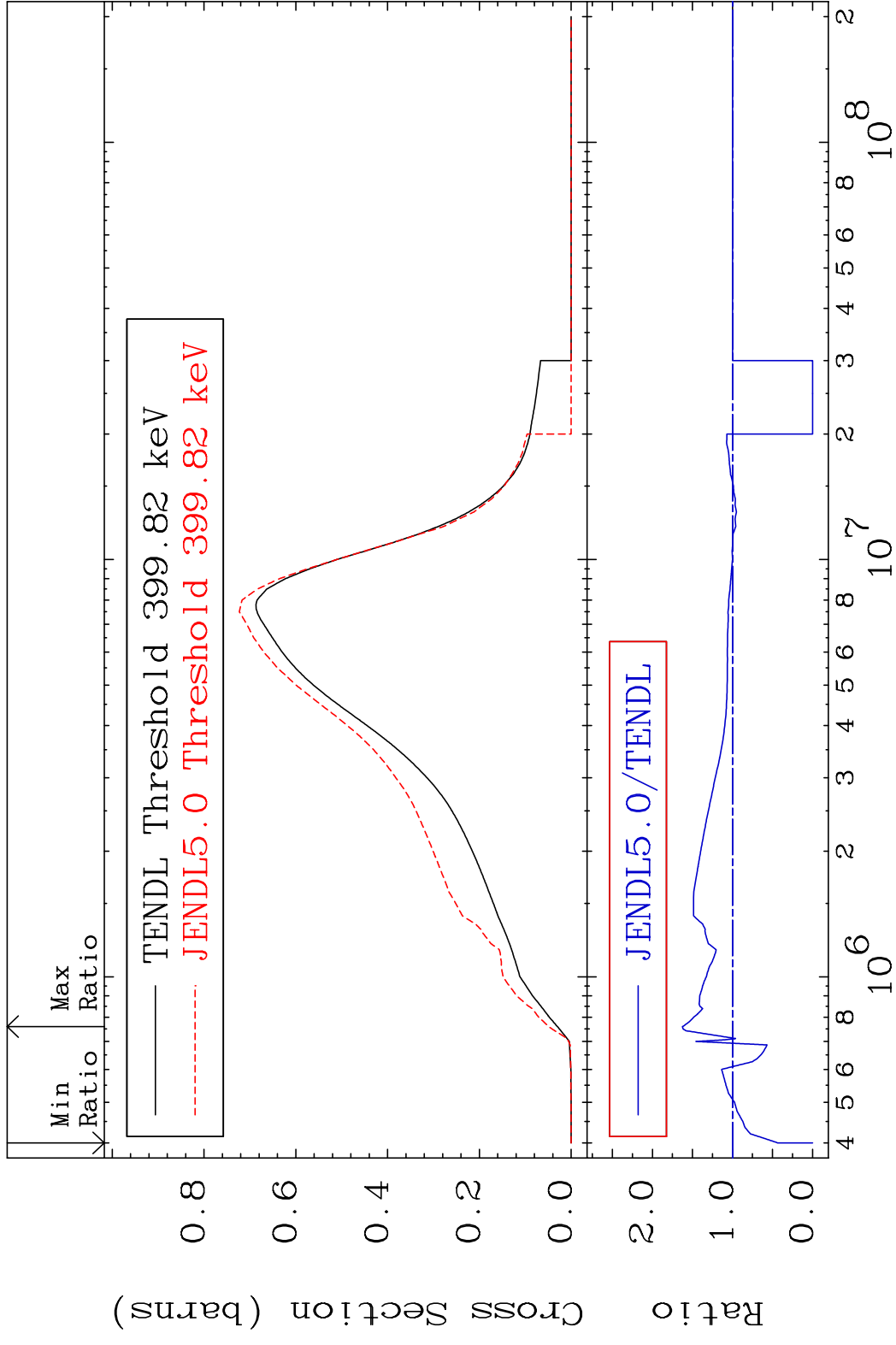
48-Cd-111

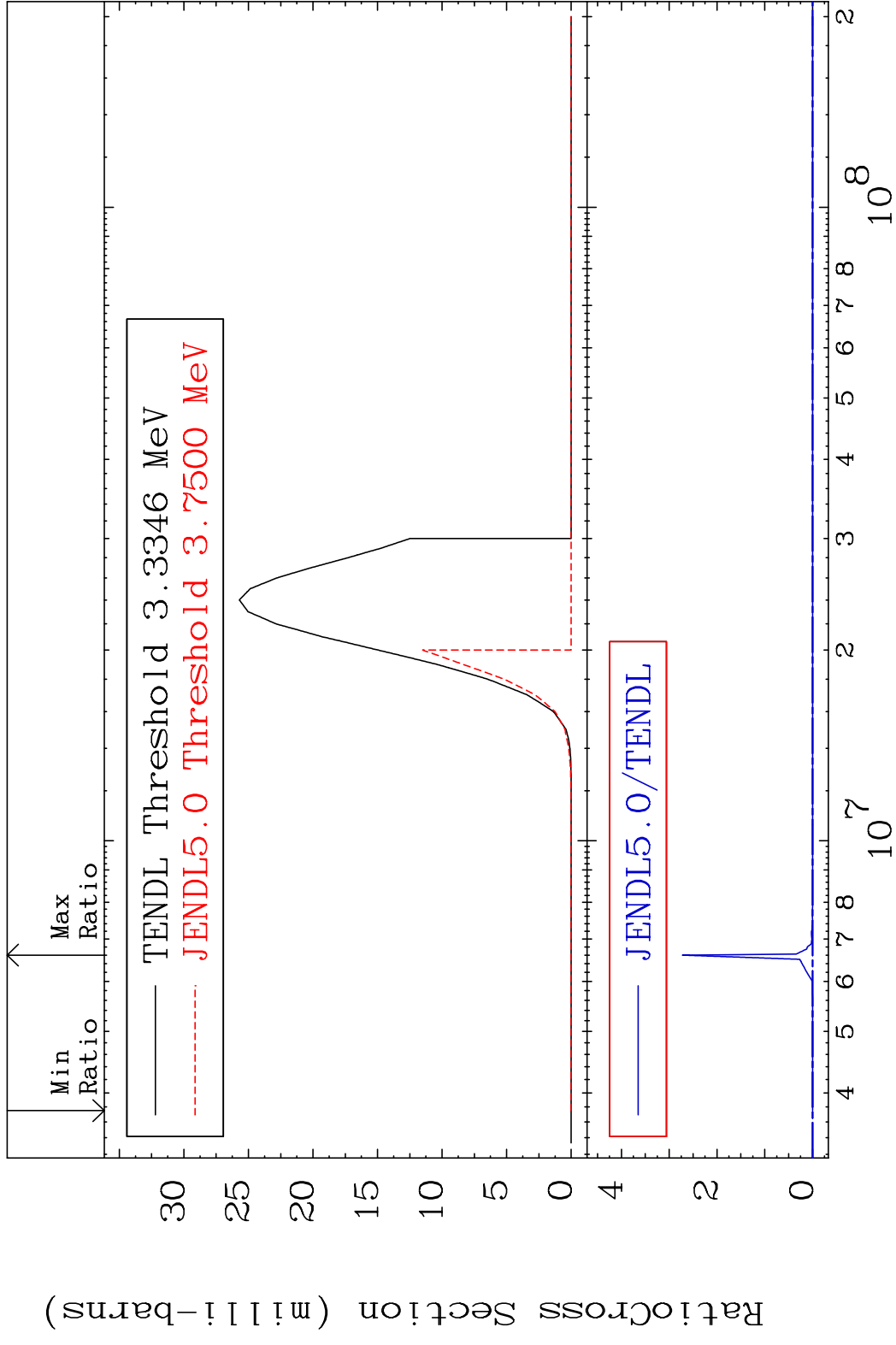
MAT 4840 Dpa inelastic (mt51-91) 48-Cd-111
 Cross Section -100.0 To 501.6 %



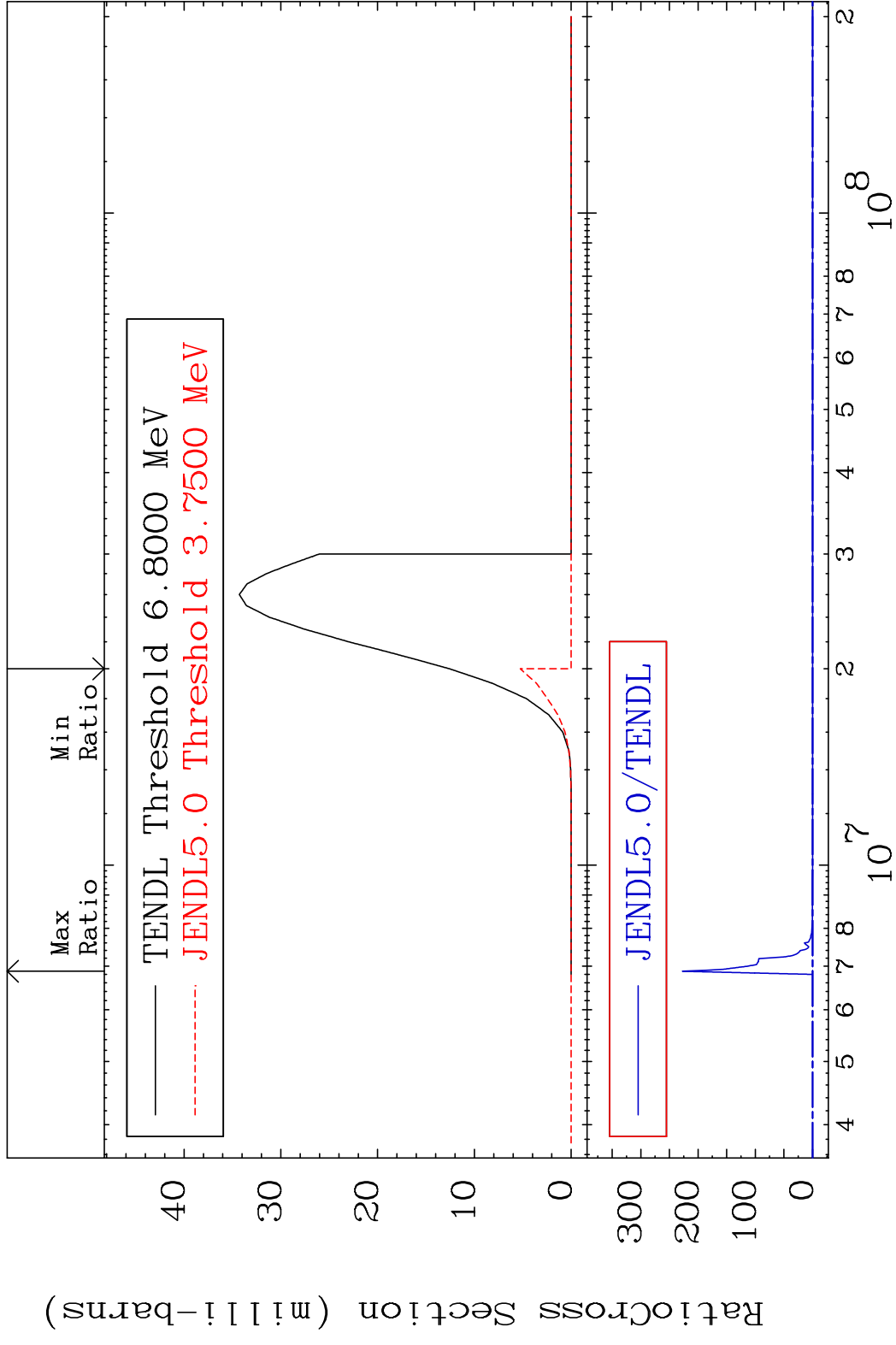
MAT 4840 Dpa disappearance (mt102 -120) 48-Cd-111
 Cross Section -100.0 To 9999. %

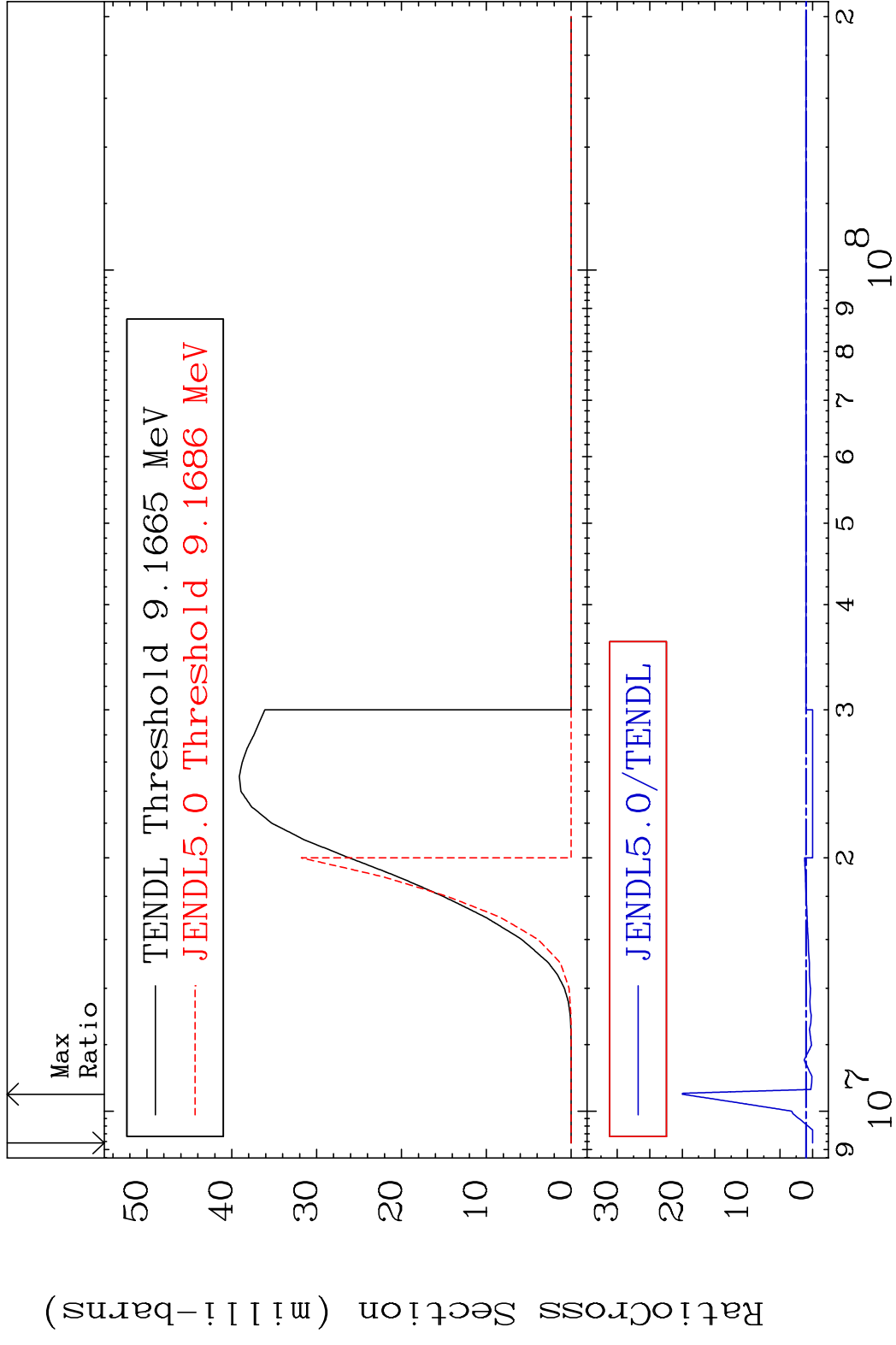




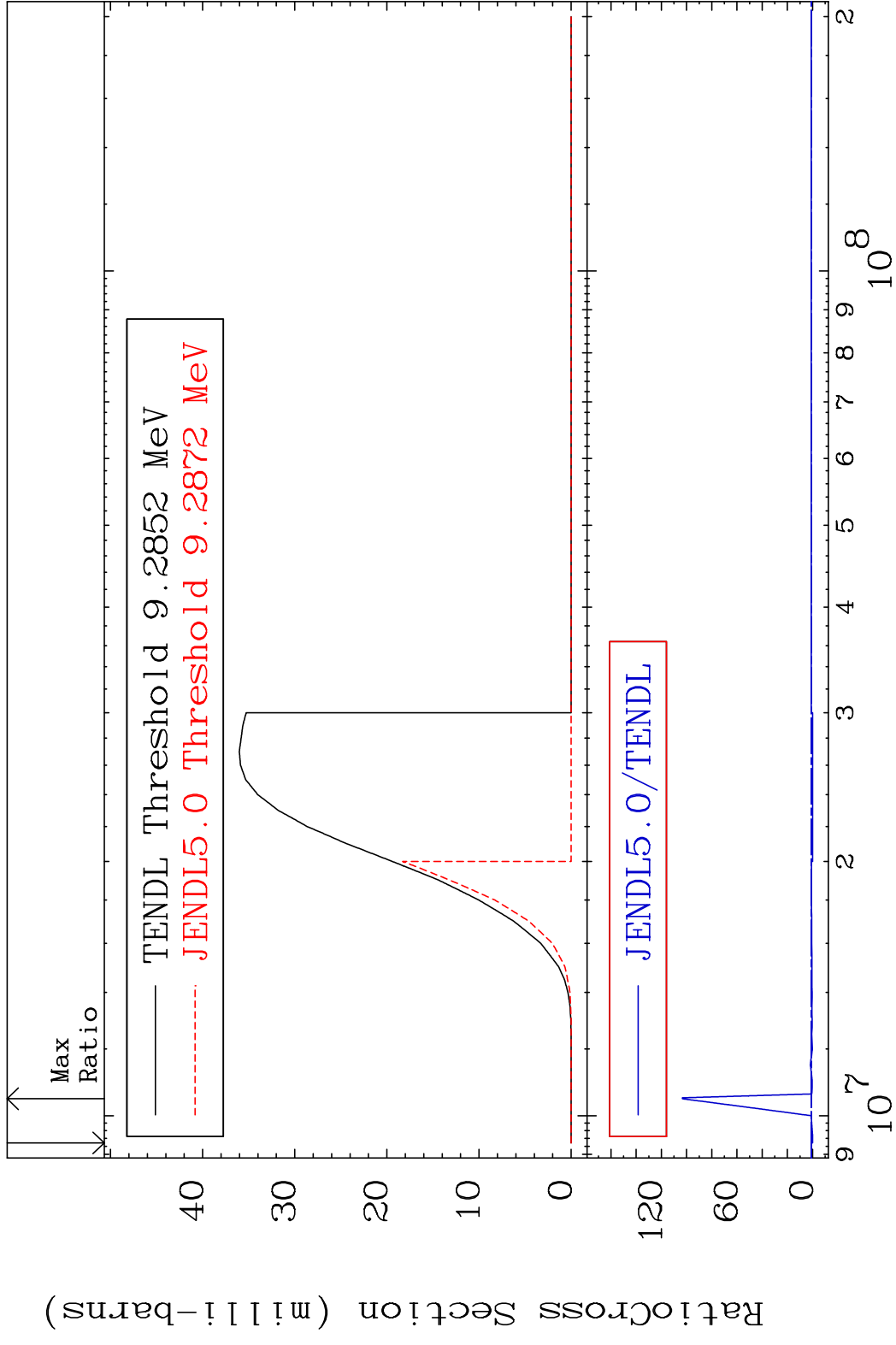


MAT 4840 (n, n') α :46-Pd-107m2 48-Cd-111
 Radionuclide Production Cross Section Ratio 9999. %

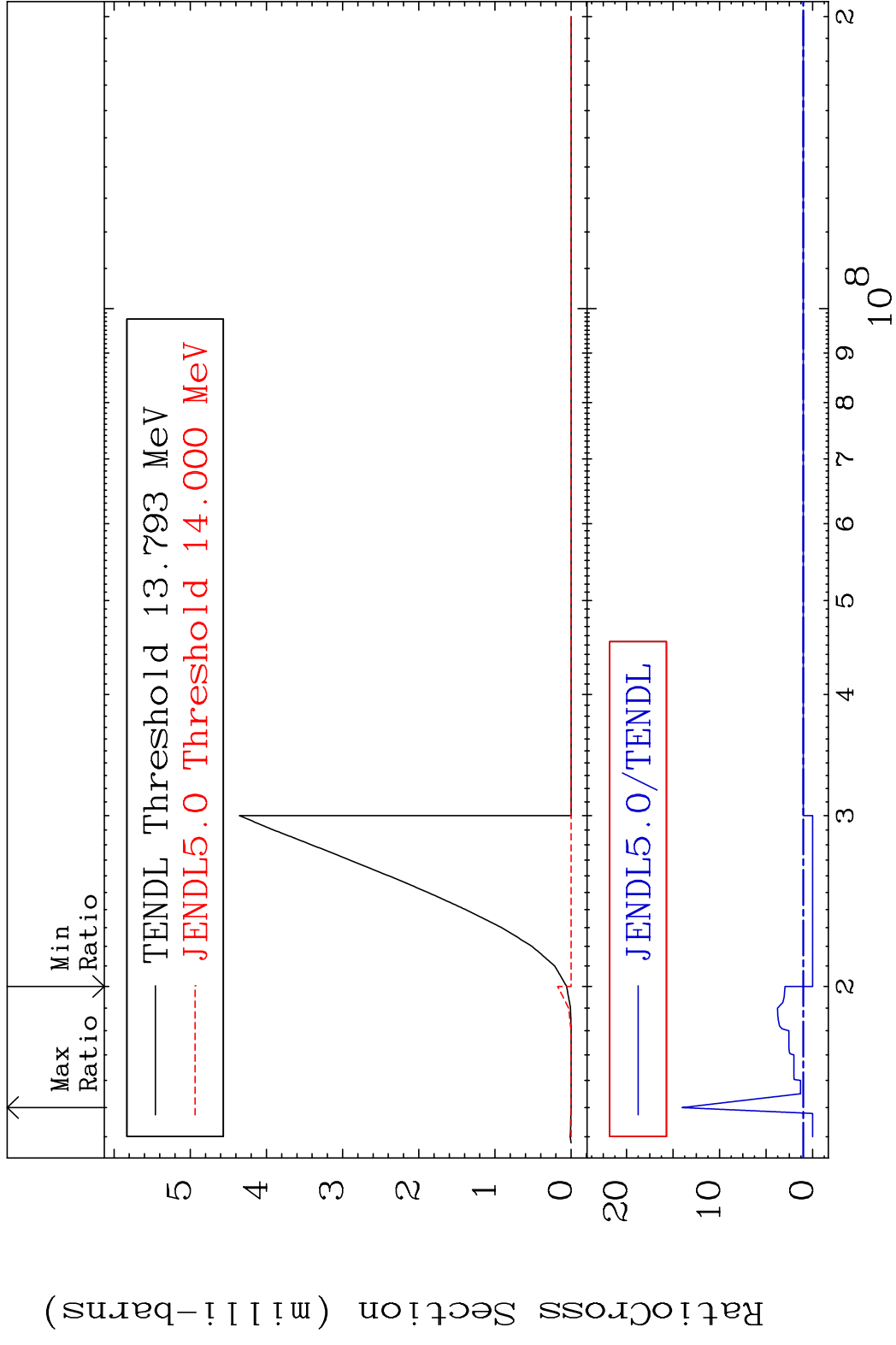


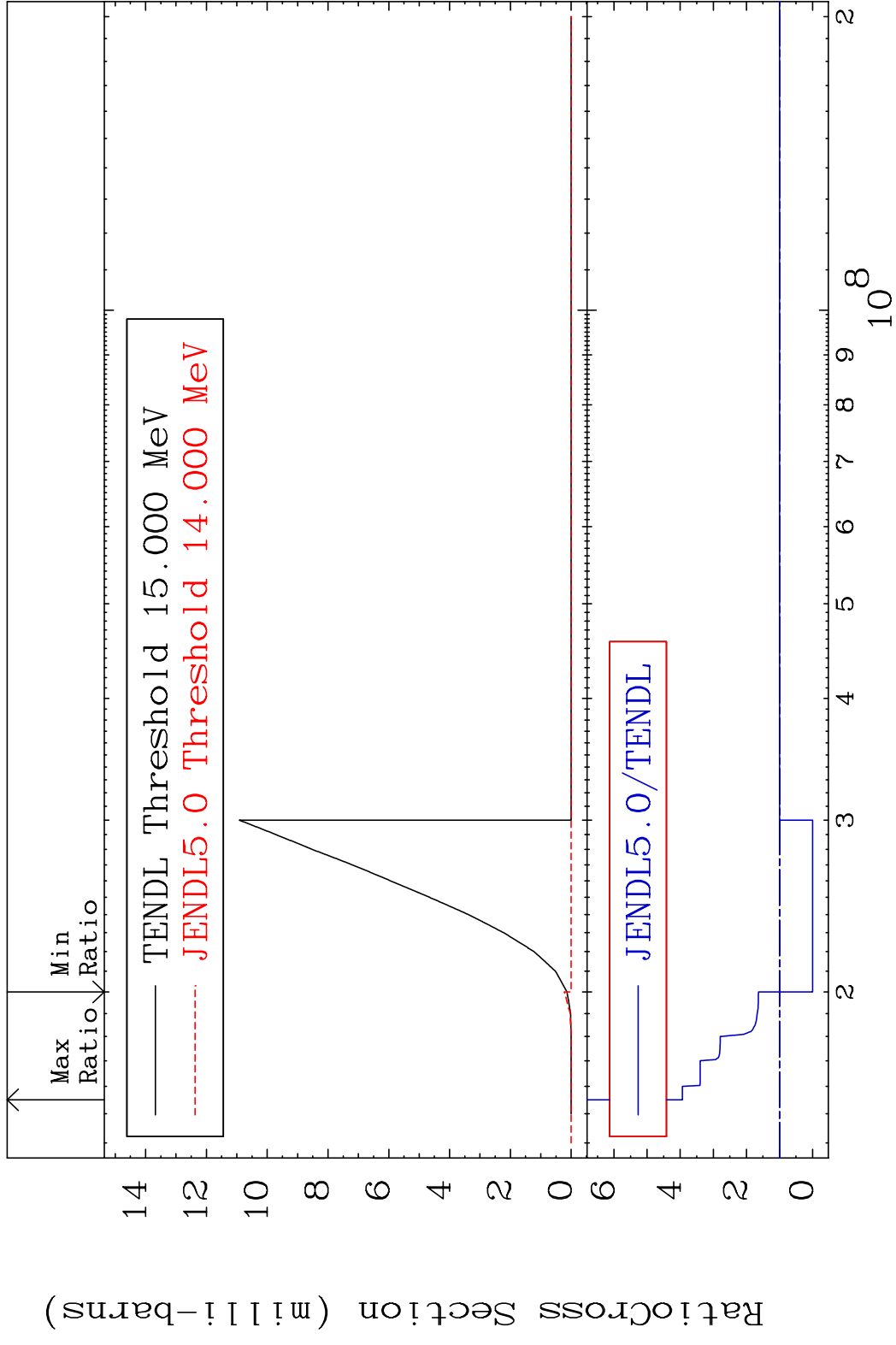


MAT 4840 (n, n') p:47-Ag-110m2 48-Cd-111
 Radionuclide Production Cross Section Ratio 9999. %

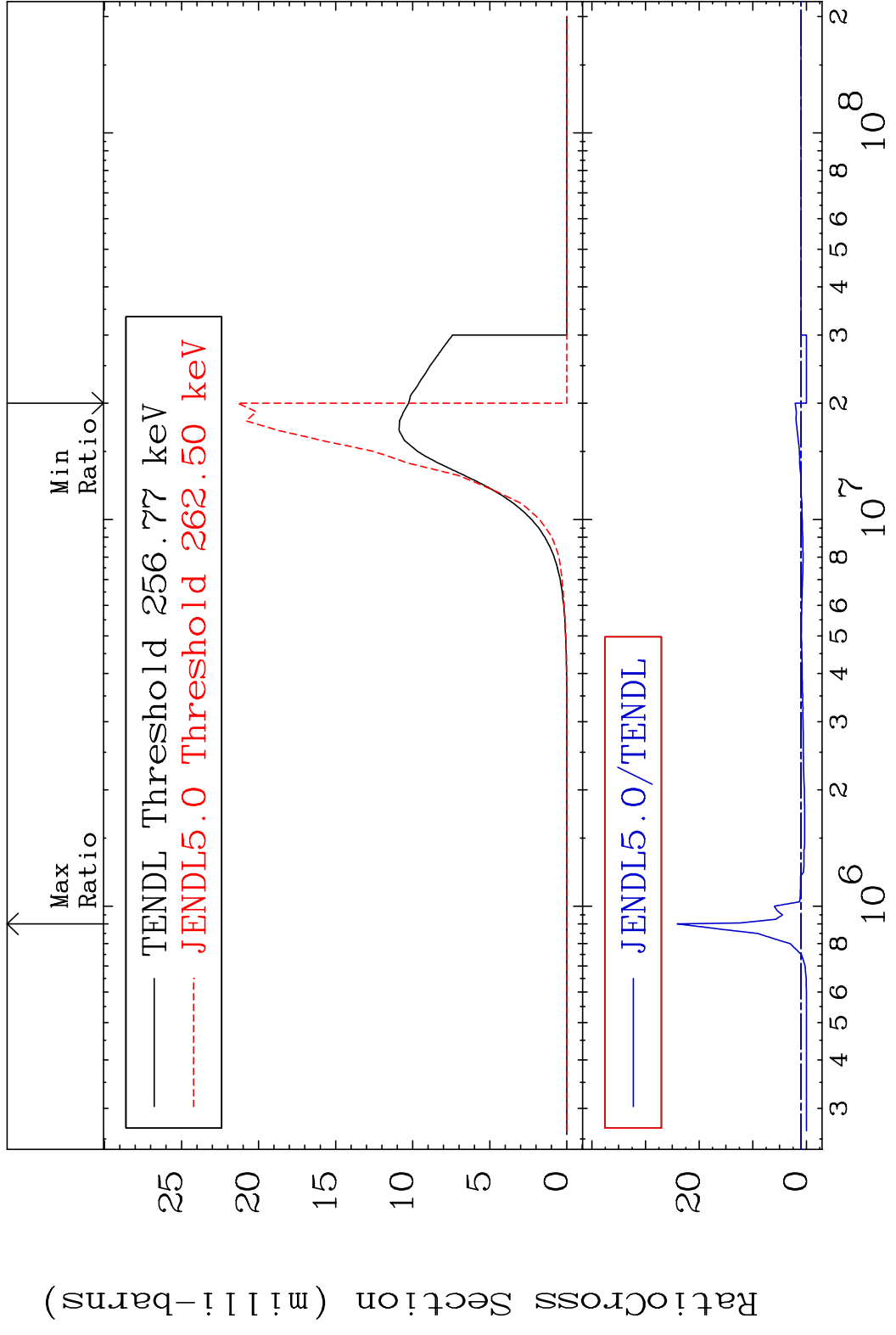


67 Incident Energy (eV) 48-Cd-111



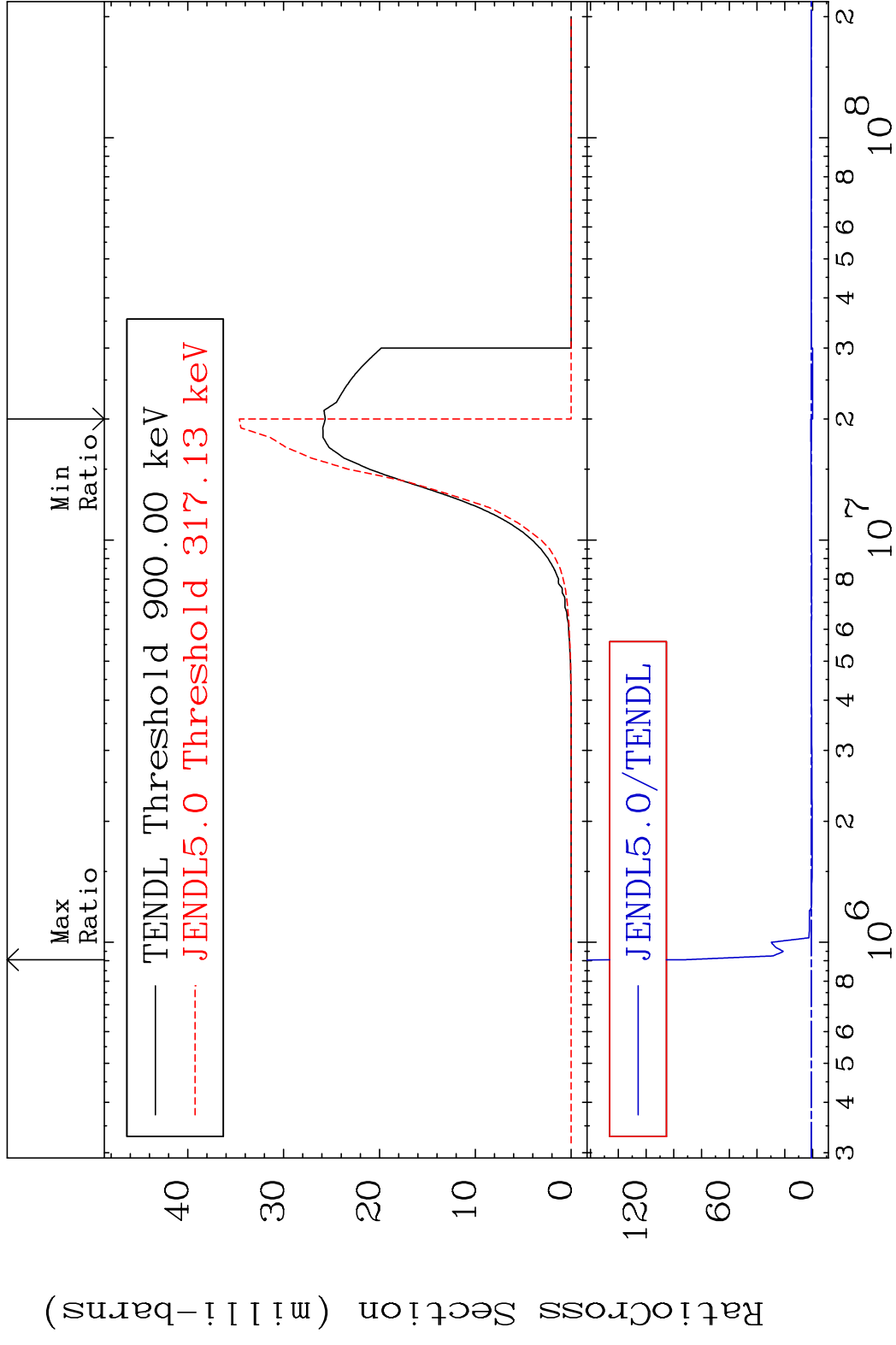


MAT 4840 (n,p):47-Ag-111g 48-Cd-111
 Radionuclide Production Cross Section Ratio 2309. %

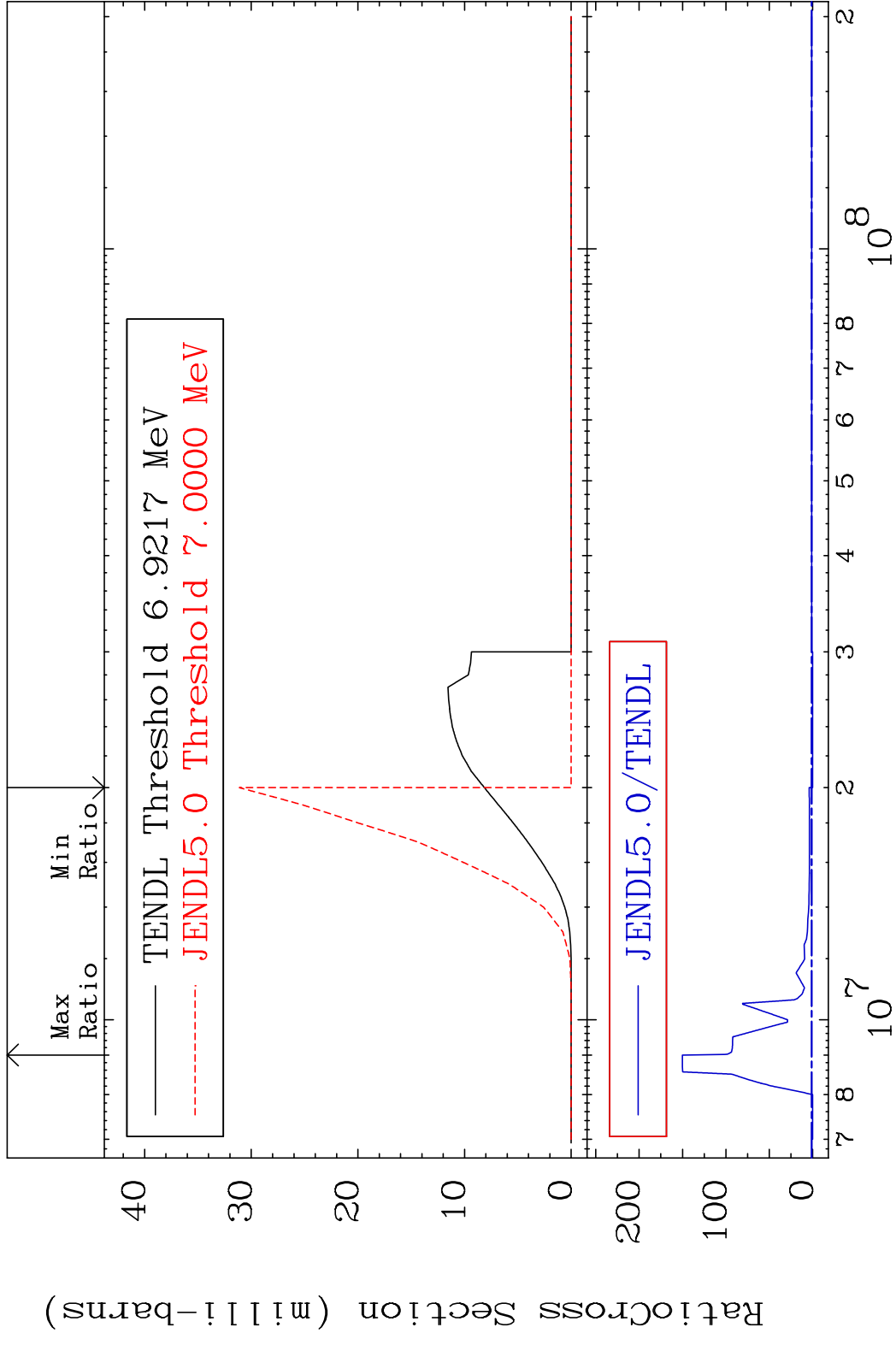


70 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, p): 47-Ag-111m1 48-Cd-111
 Radionuclide Production Cross Section to 9284. %



MAT 4840 (n,d):47-Ag-110g 48-Cd-111
 Radionuclide Production Cross Section Ratio



MAT 4840 (n, d): 47-Ag-110m2 48-Cd-111
 Radionuclide Production Cross Section Ratio 9999. %

