

Program Complot
(Version 2021-1)

by

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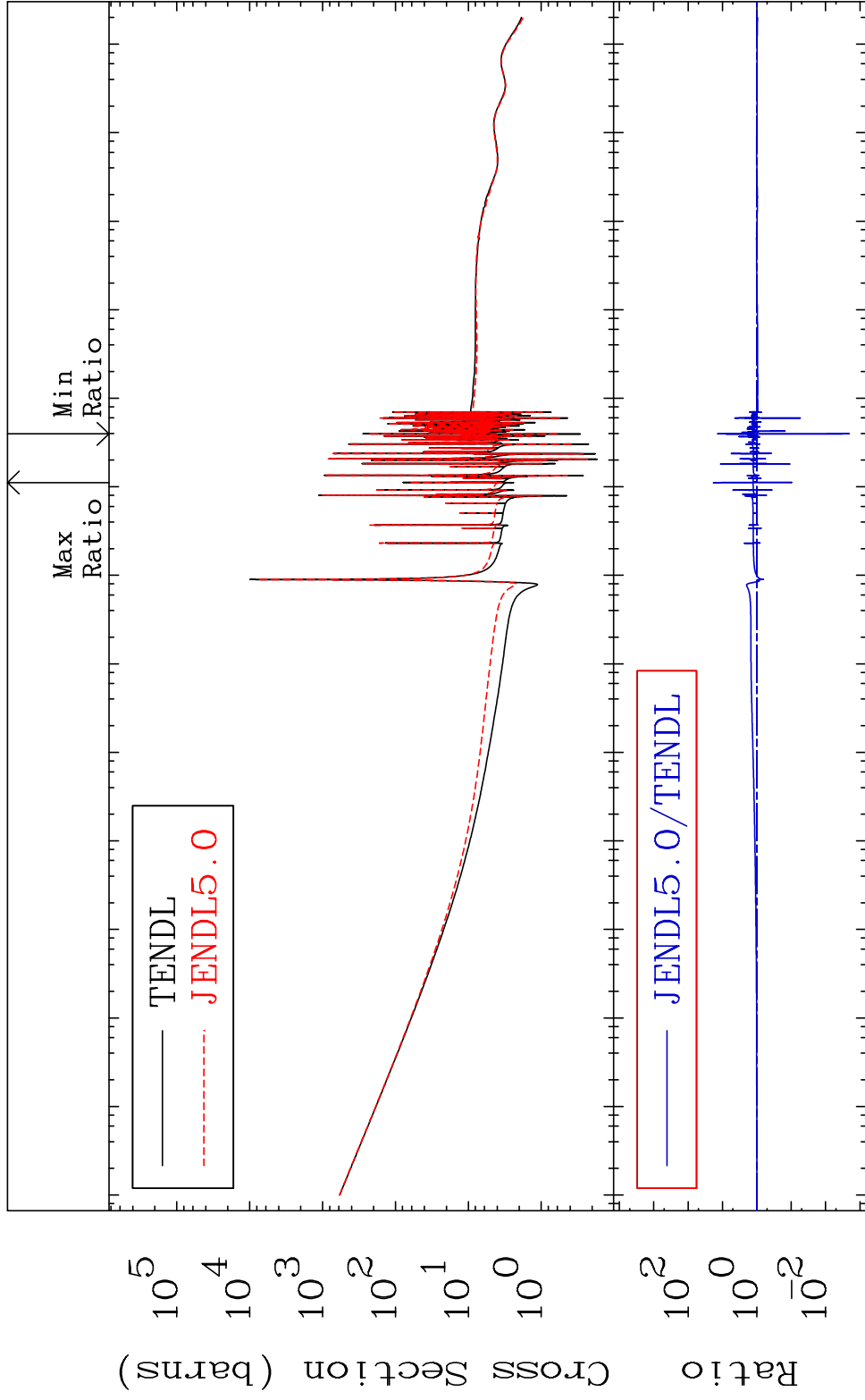
Press Mouse Button to Start

MAT 4837

Total

48-Cd-110

Cross Section -99.80 To 1765. %



1

Incident Energy (eV)

48-Cd-110

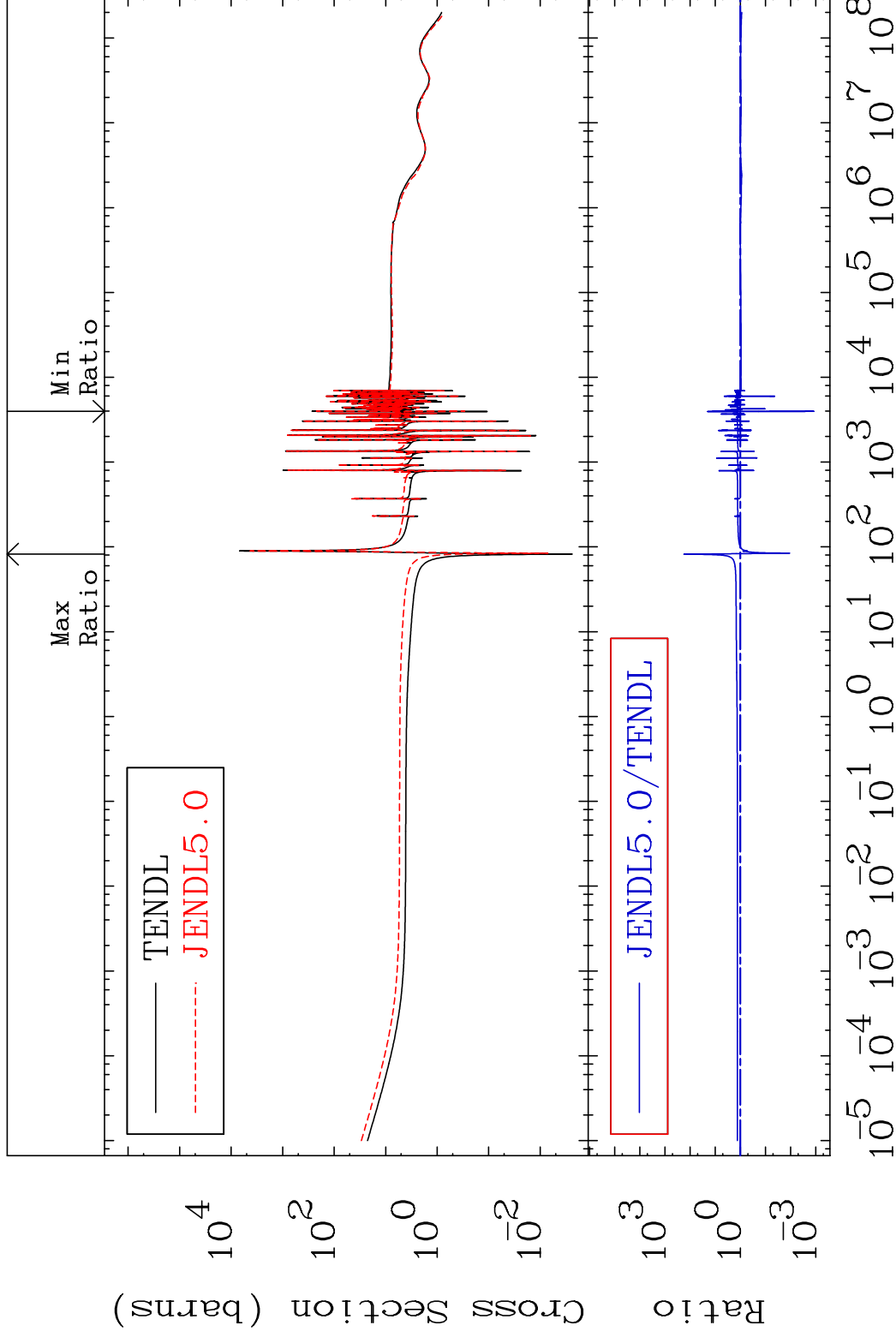
MAT 4837

Elastic

48-Cd-110

Cross Section

-99.88 To 9999. %

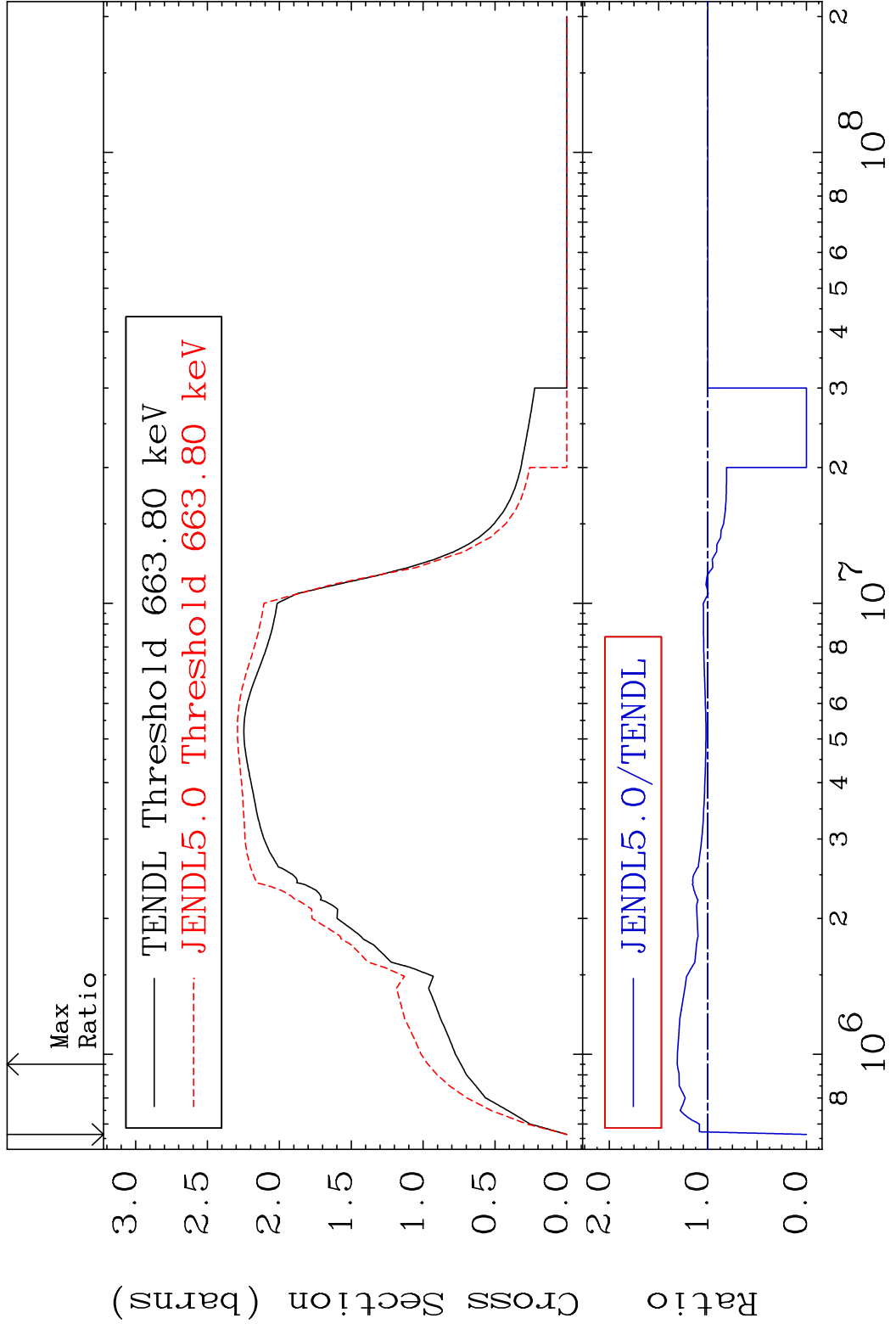


2

Incident Energy (eV)

48-Cd-110

MAT 4837 Inelastic 48-Cd-110
 Cross Section -100.0 To 31.13 %



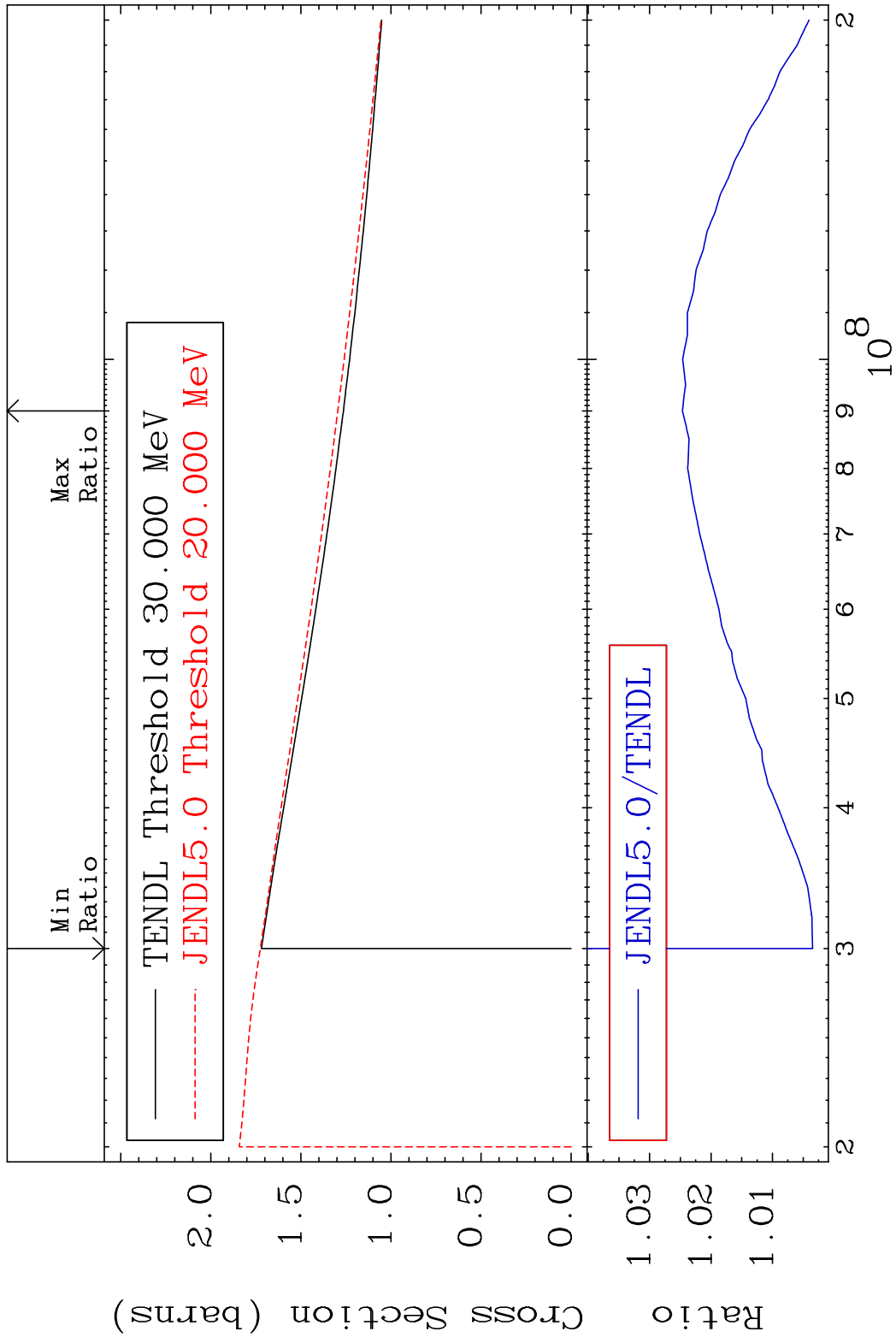
3 Incident Energy (eV) 48-Cd-110

MAT 4837

(n, remainder)

48-Cd-110

Cross Section 0.347 To 2.467 %



4

Incident Energy (eV)

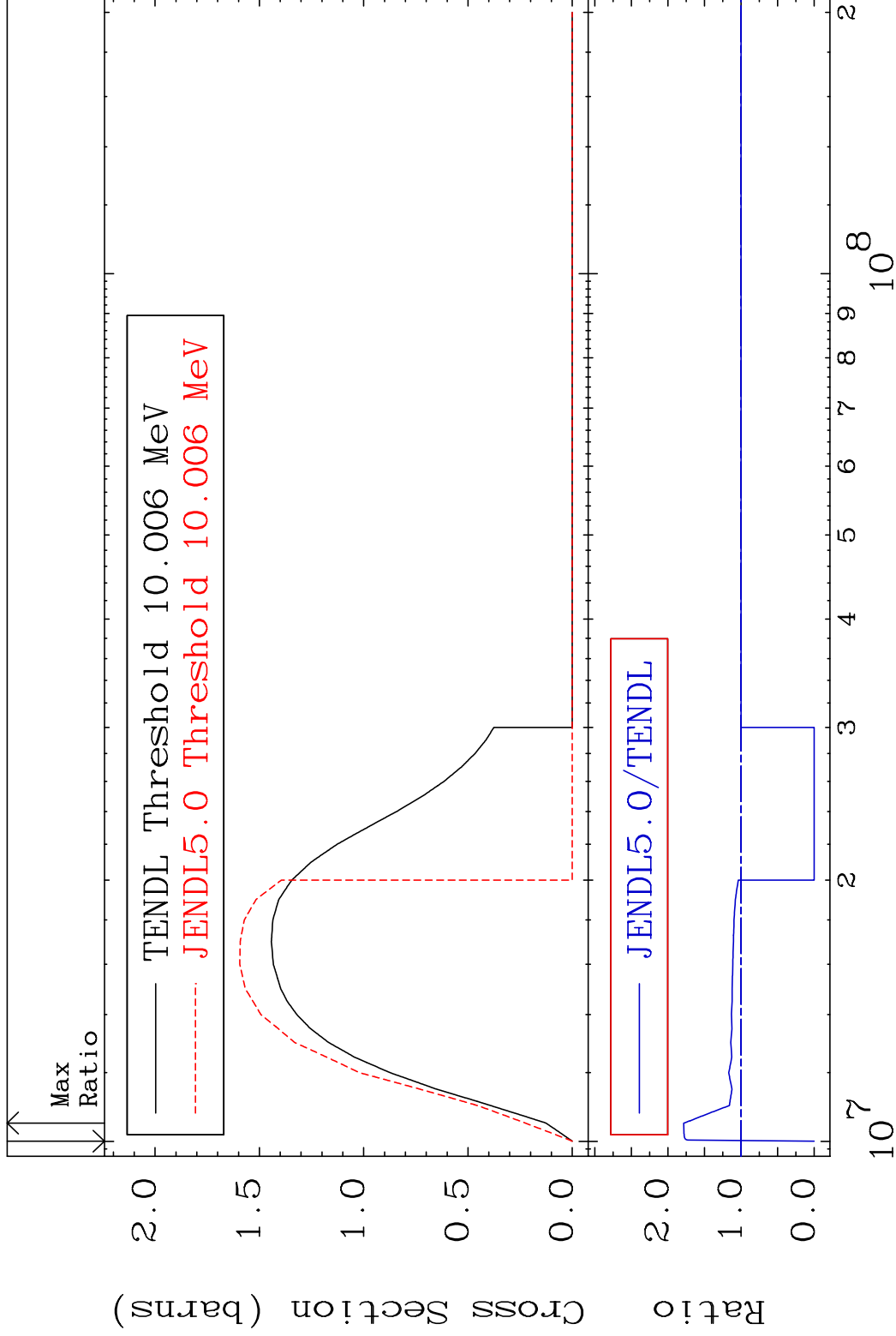
48-Cd-110

MAT 4837

(n,2n)

48-Cd-110

Cross Section -100.0 To 78.43 %

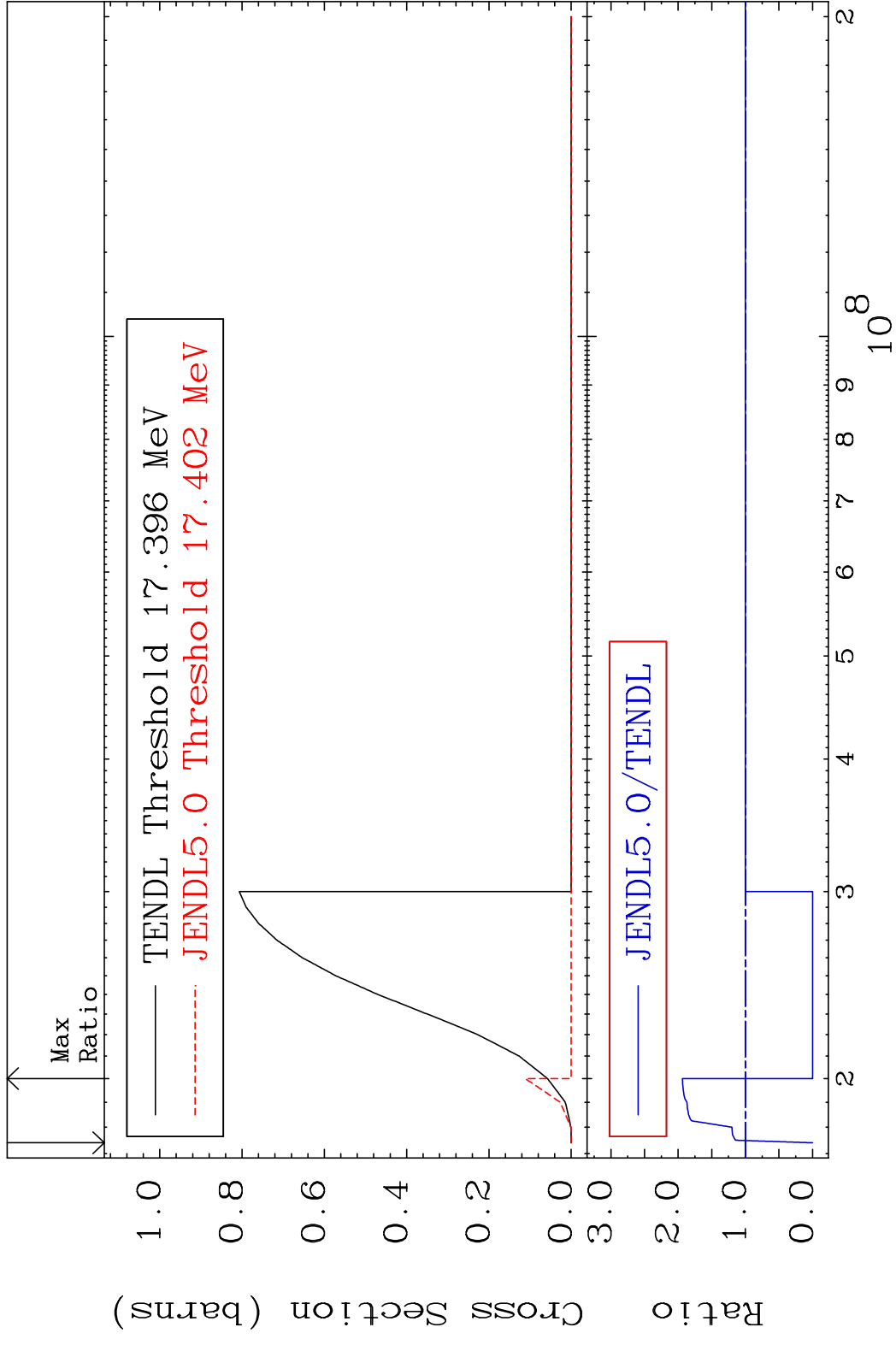


5

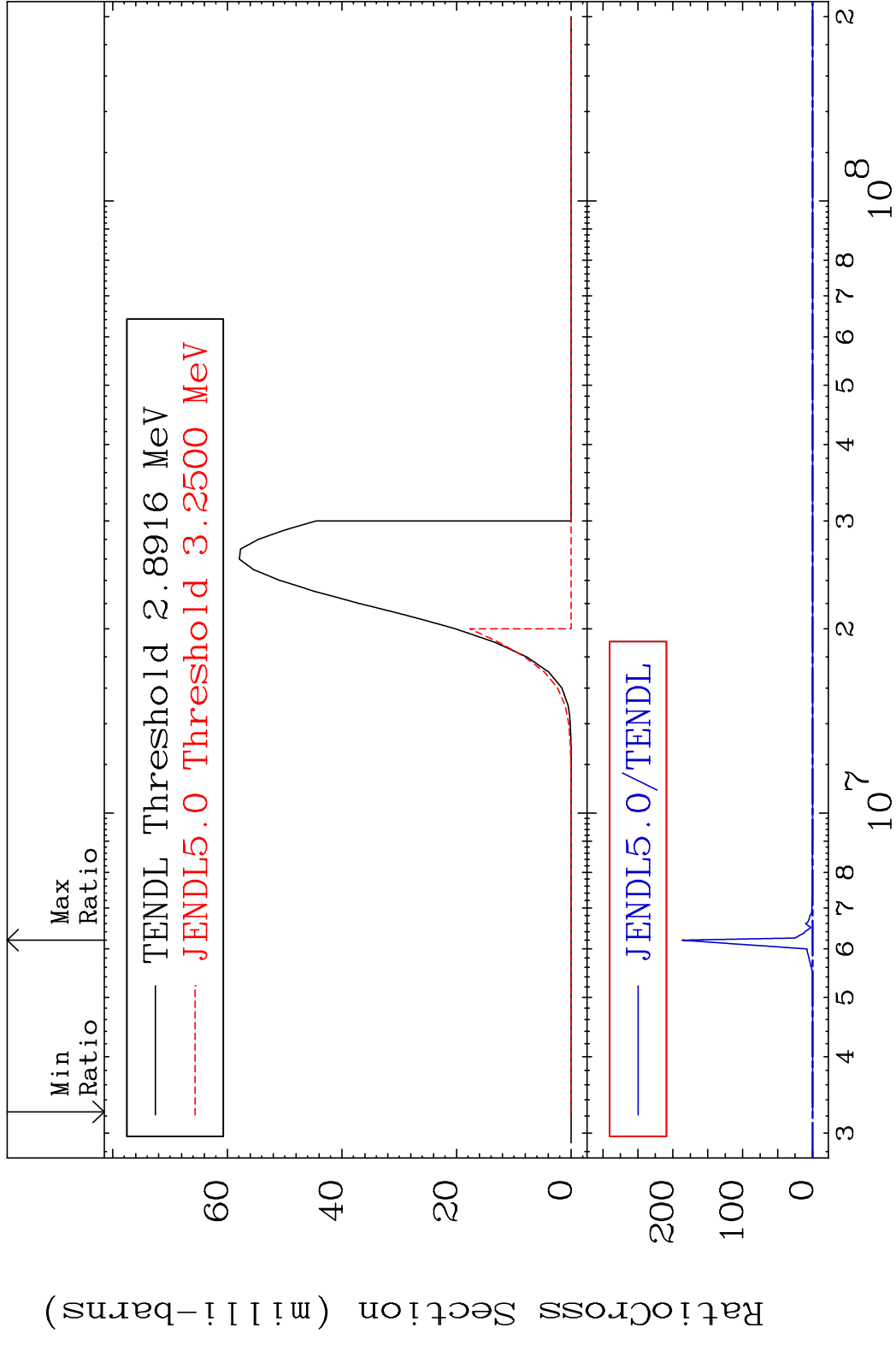
Incident Energy (eV)

48-Cd-110

MAT 4837 (n,3n) 48-Cd-110
 Cross Section -100.0 To 93.71 %



MAT 4837 (n, n') α 48-Cd-110
 Cross Section -100.0 To 9999. %



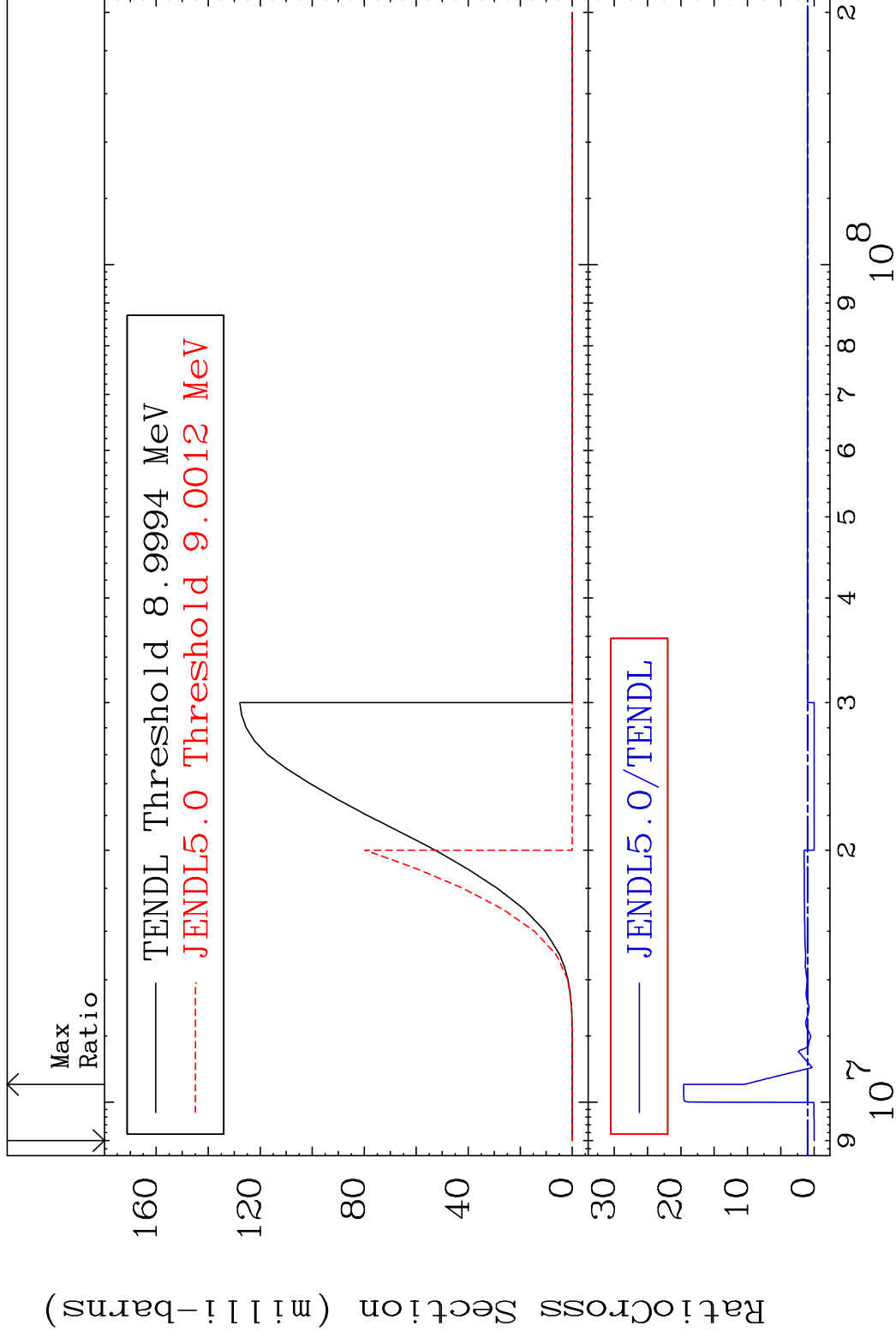
7 Incident Energy (eV) 48-Cd-110

MAT 4837

(n, n') p

48-Cd-110

Cross Section -100.0 To 1858. %

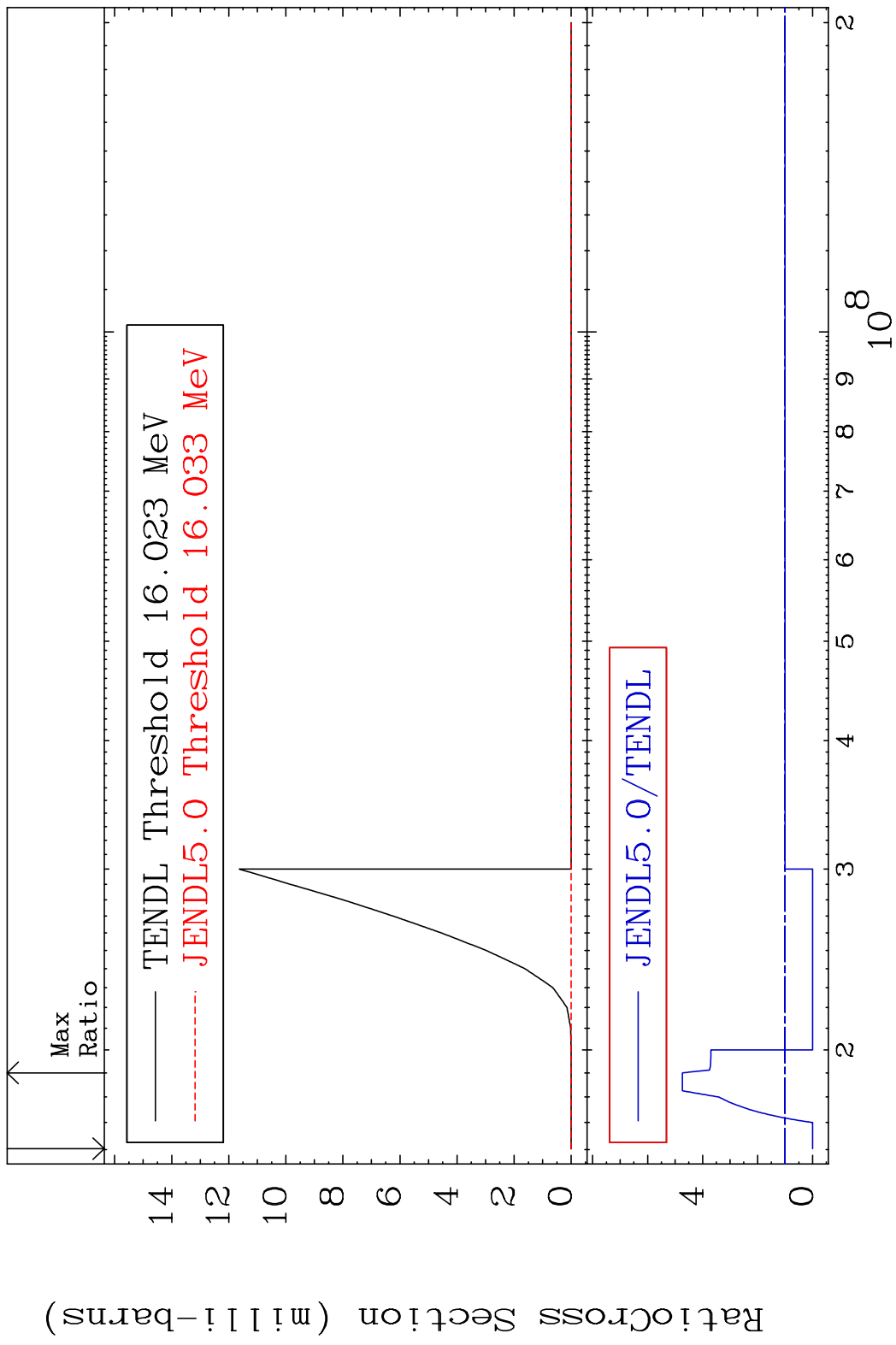


8

Incident Energy (eV)

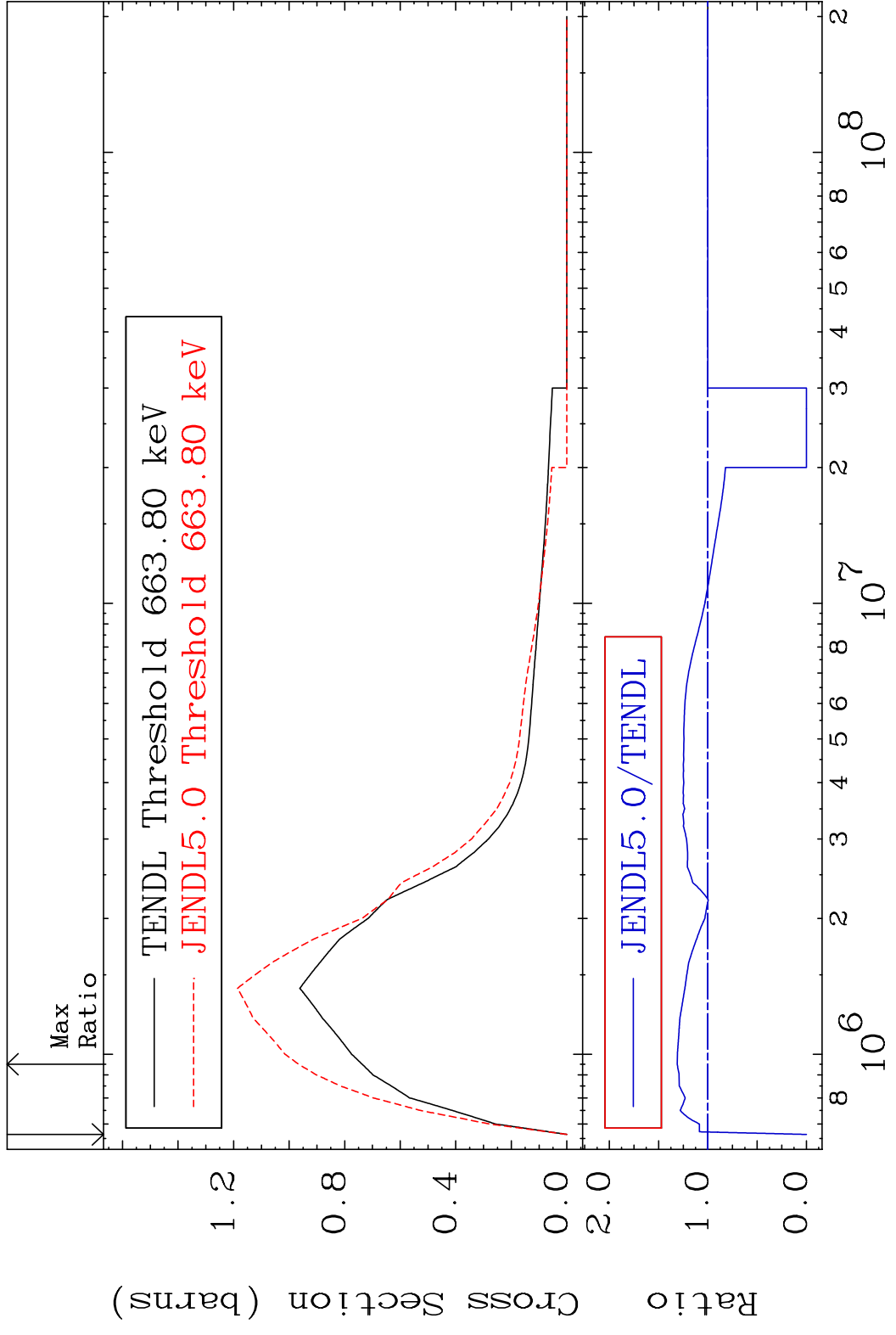
48-Cd-110

MAT 4837 (n, n') d 48-Cd-110
 Cross Section -100.0 To 373.6 %



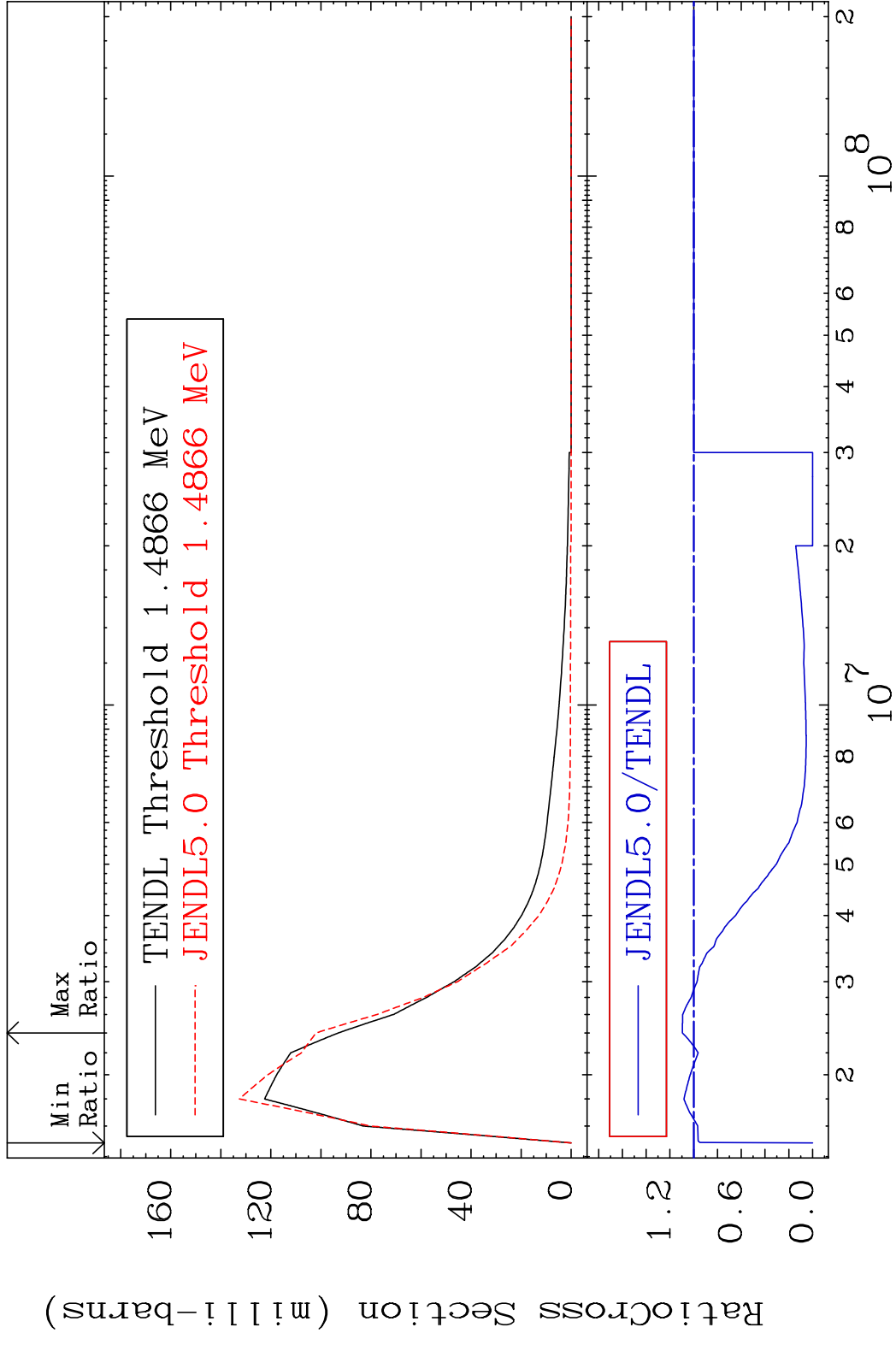
9 Incident Energy (eV) 48-Cd-110

MAT 4837 MT= 51 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 31.13 %

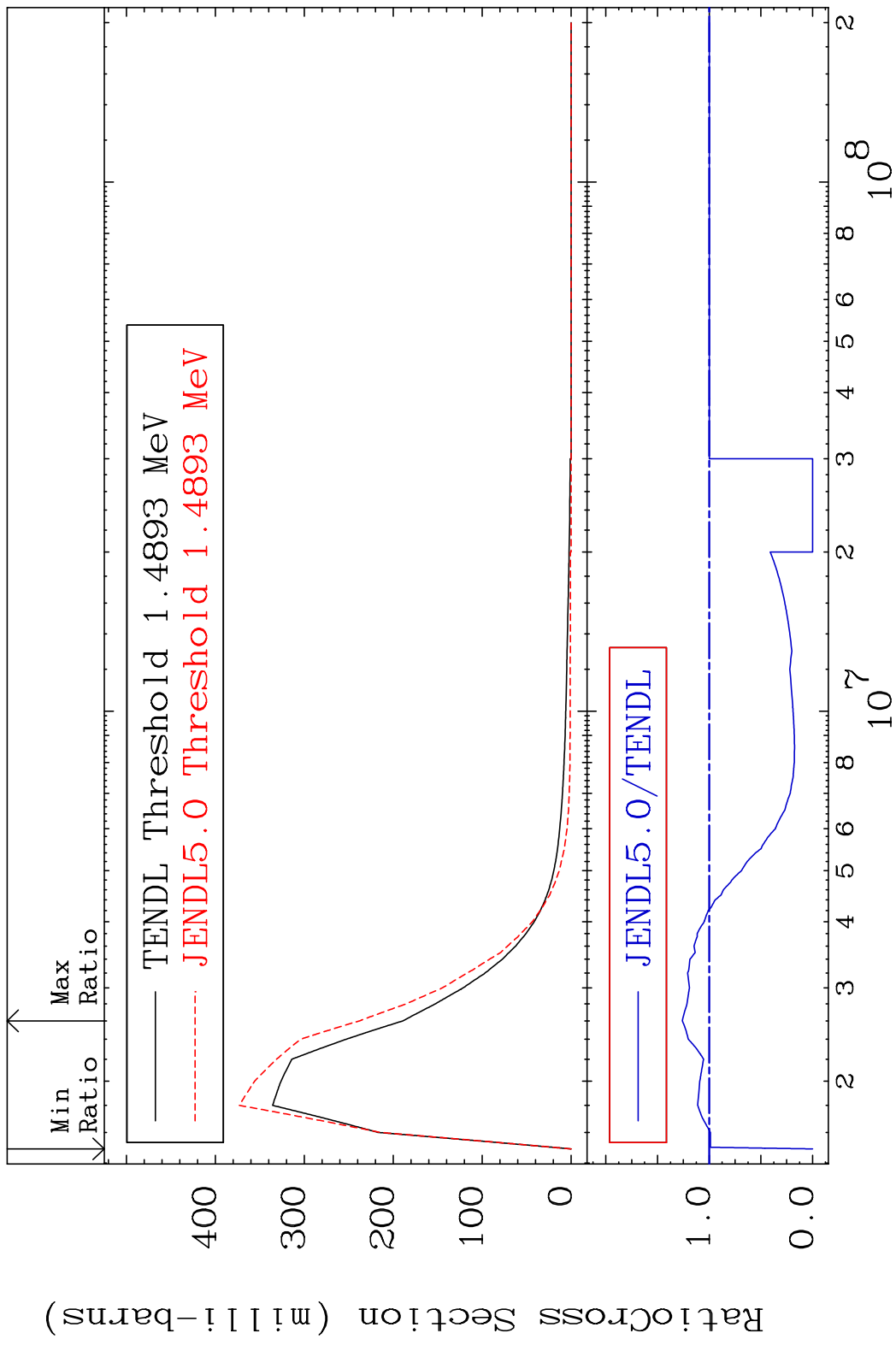


10 Incident Energy (eV) 48-Cd-110

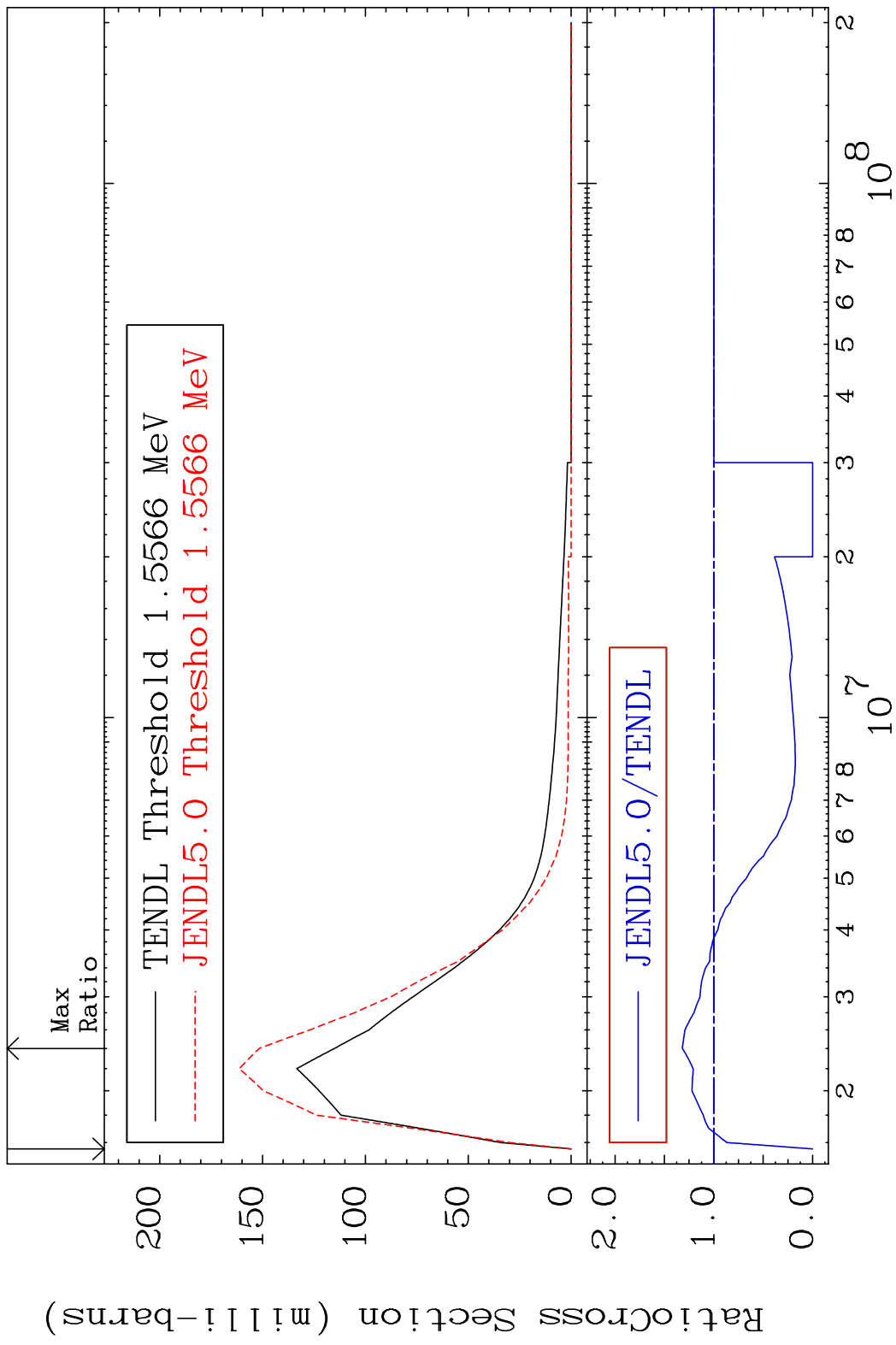
MAT 4837 MT= 52 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 9.554 %



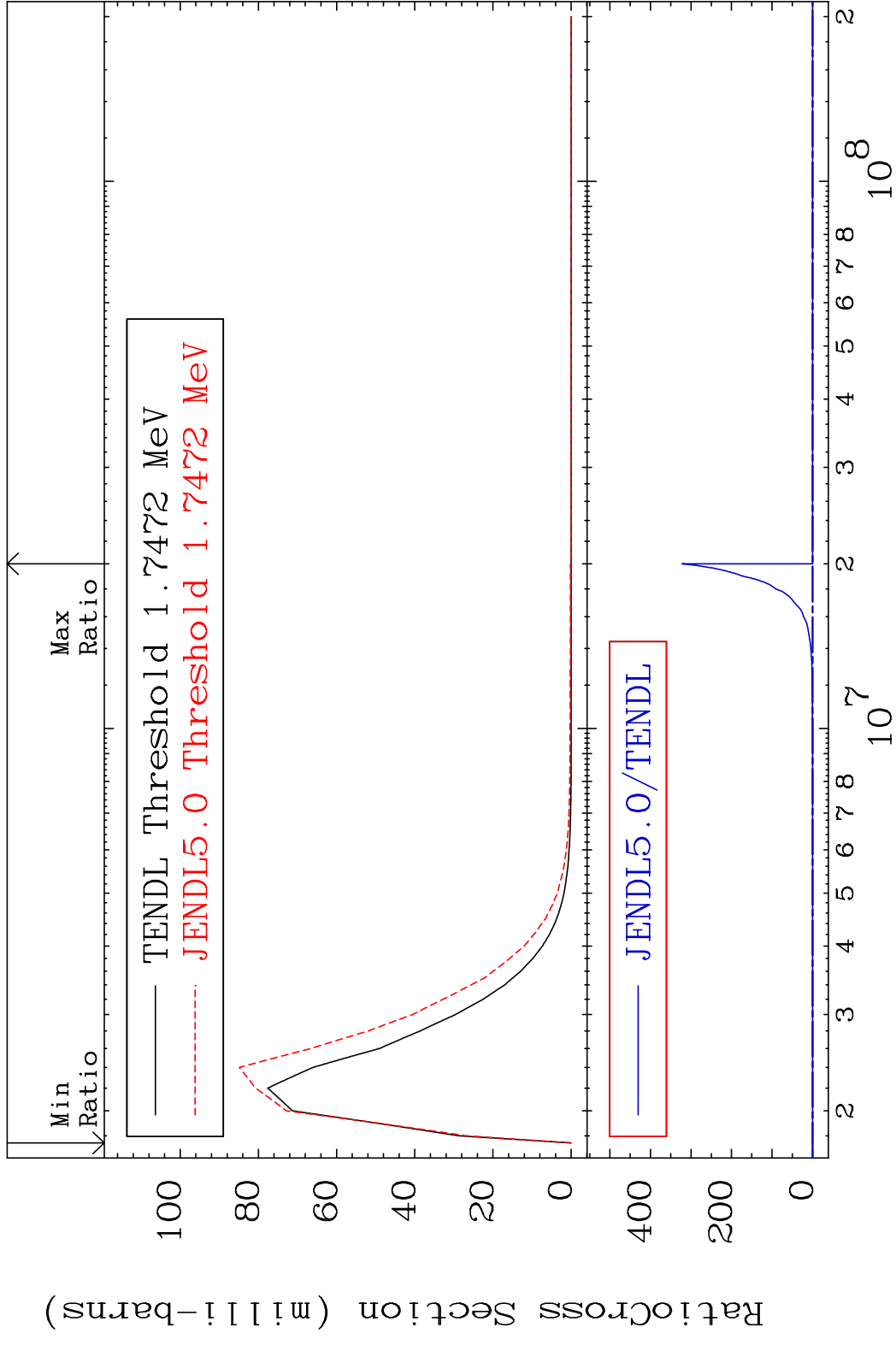
MAT 4837 MT= 53 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 25.97 %



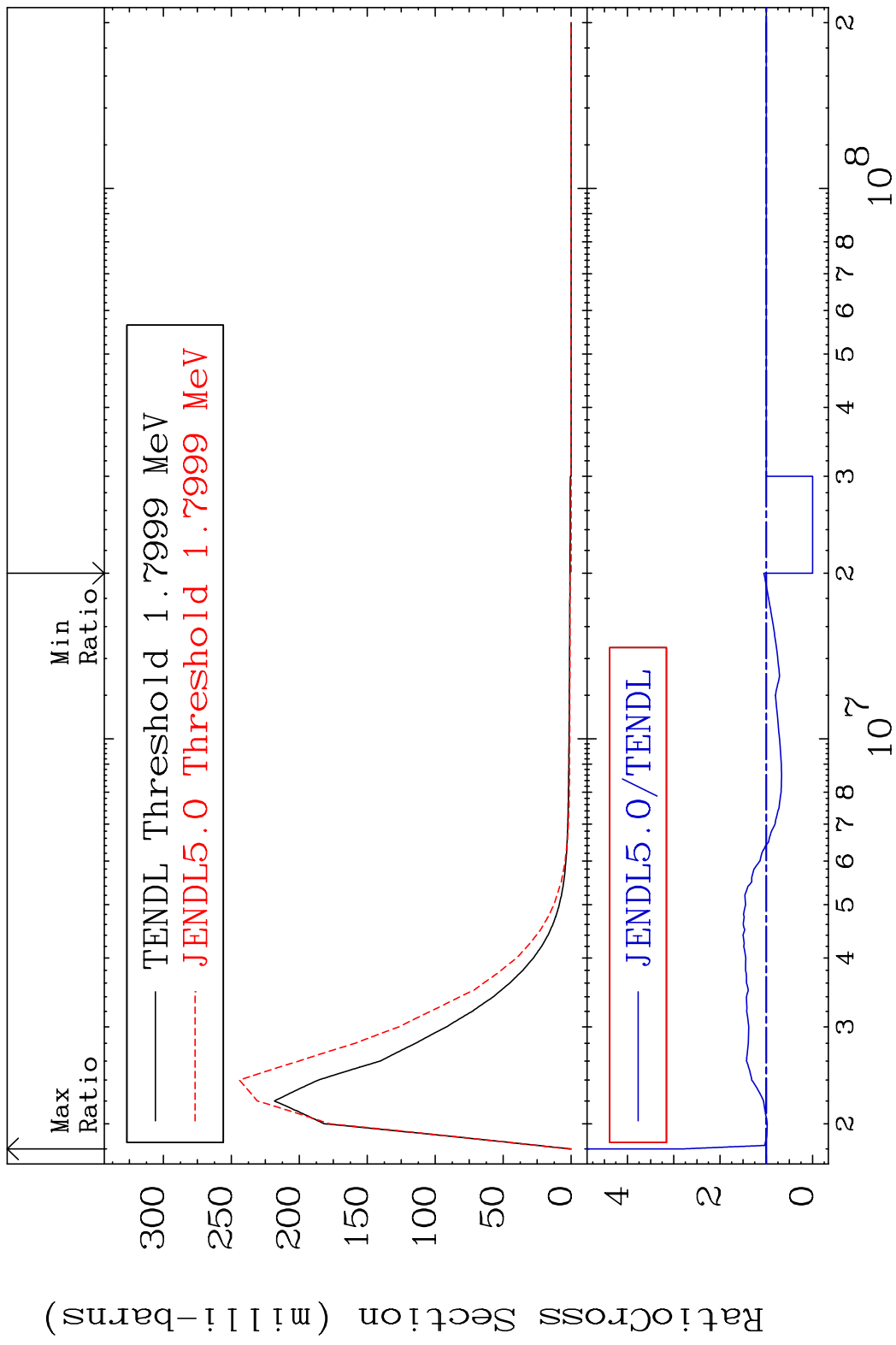
MAT 4837 MT= 54 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 31.83 %



MAT 4837 MT= 55 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 9999. %

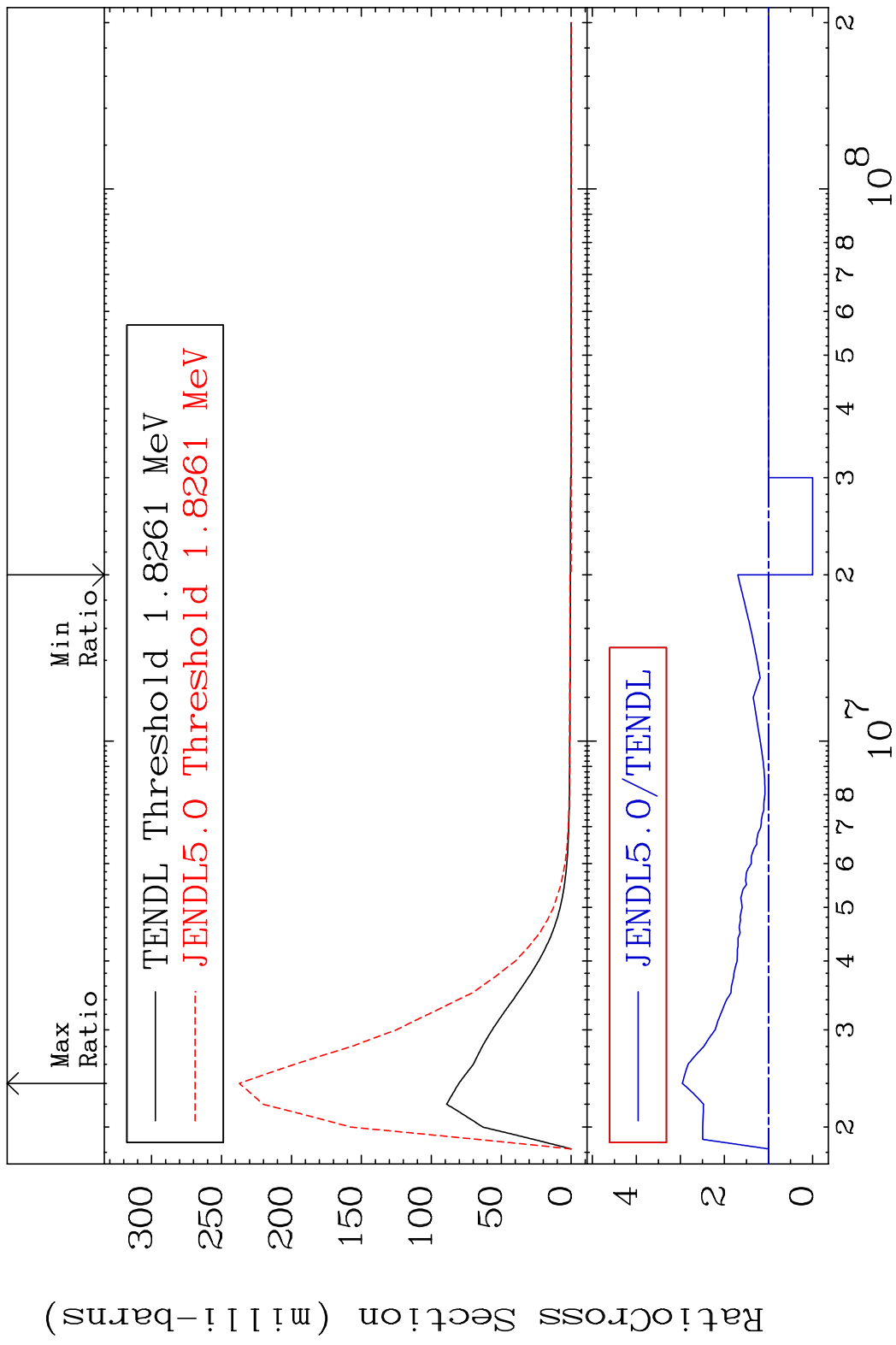


MAT 4837 MT= 56 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 181.4 %

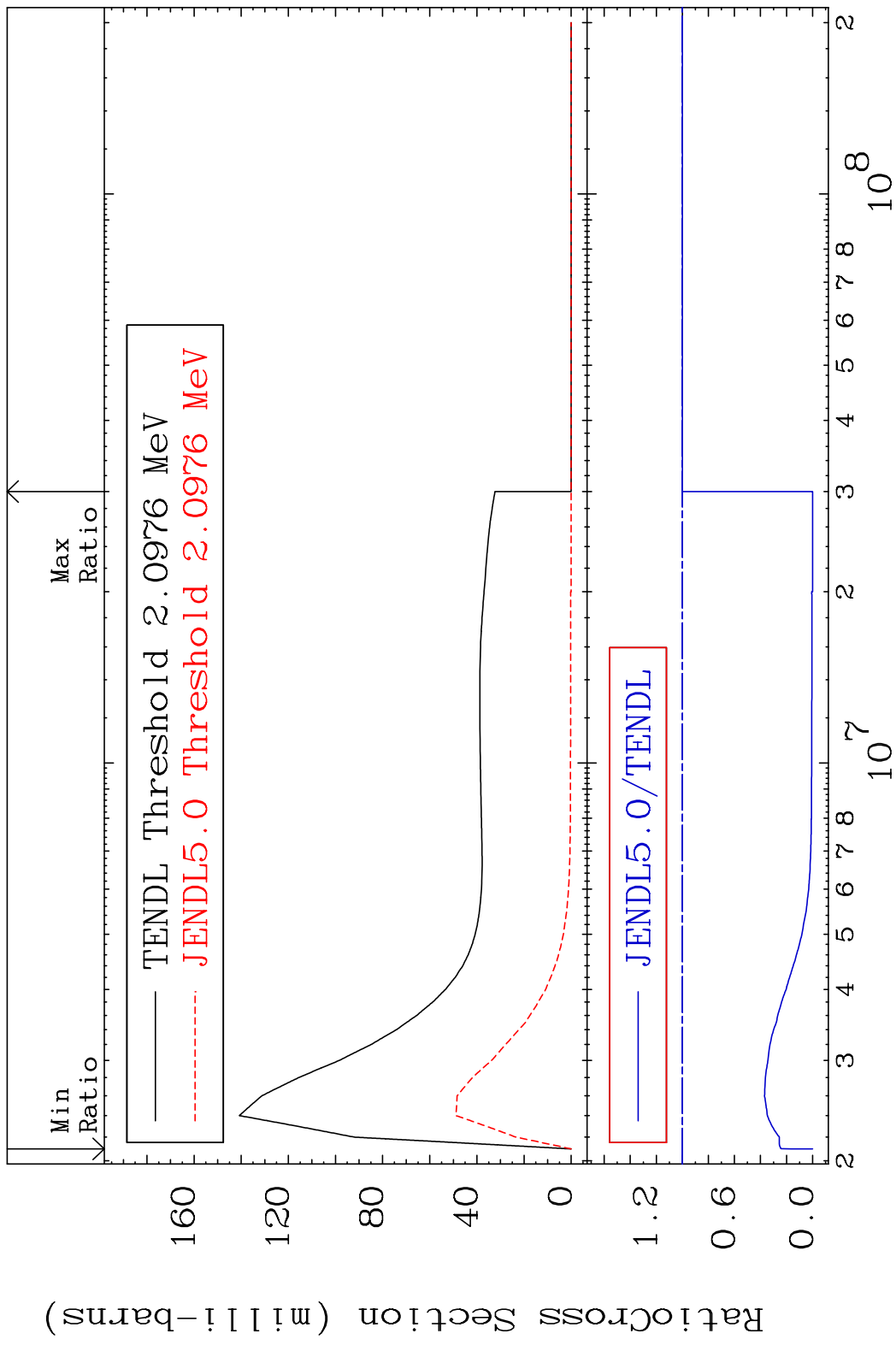


15 48-Cd-110

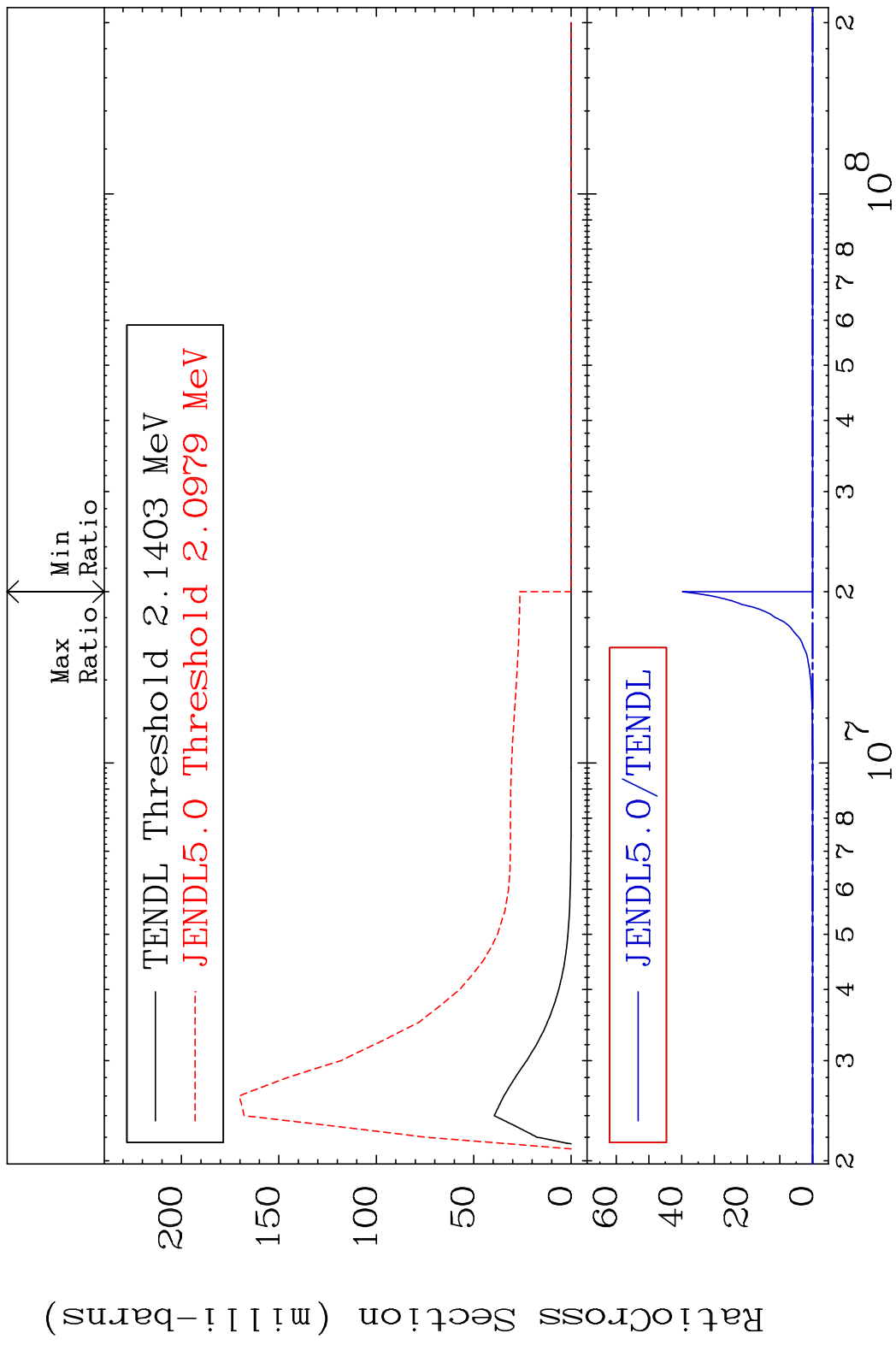
MAT 4837 MT= 57 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 195.6 %



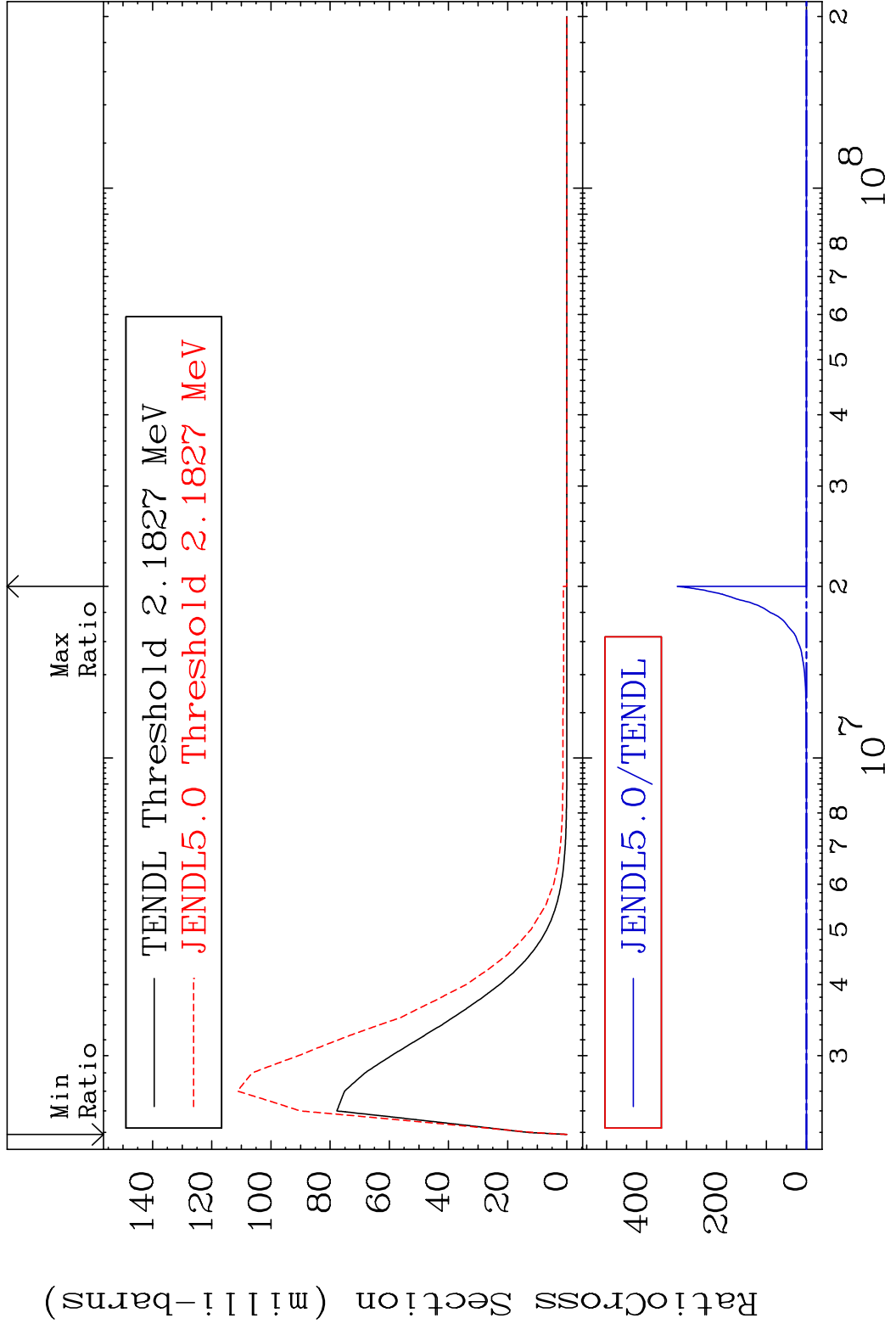
MAT 4837 MT= 58 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 0.000 %



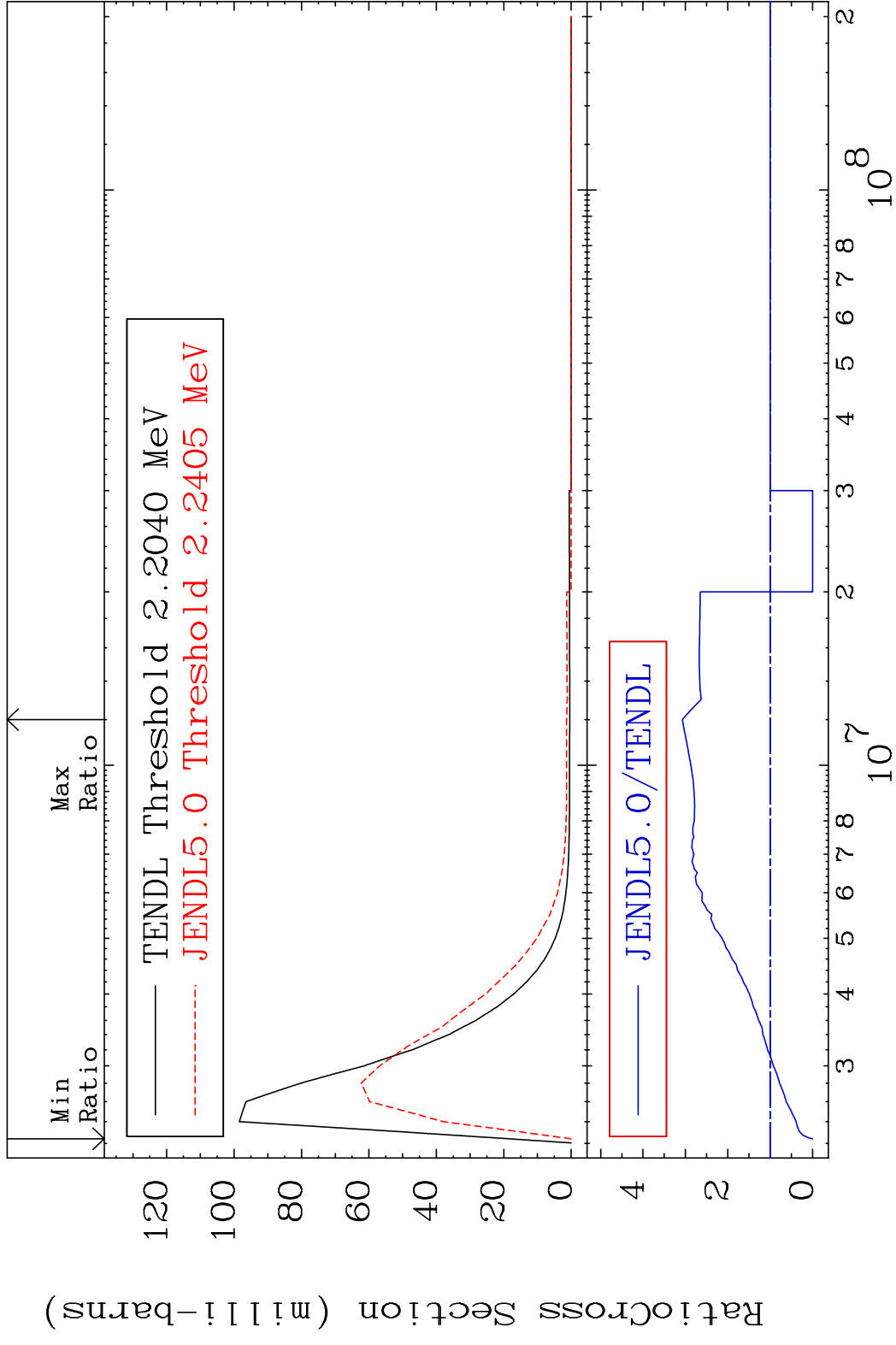
MAT 4837 MT= 59 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 9999. %



MAT 4837 MT= 60 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 9999. %

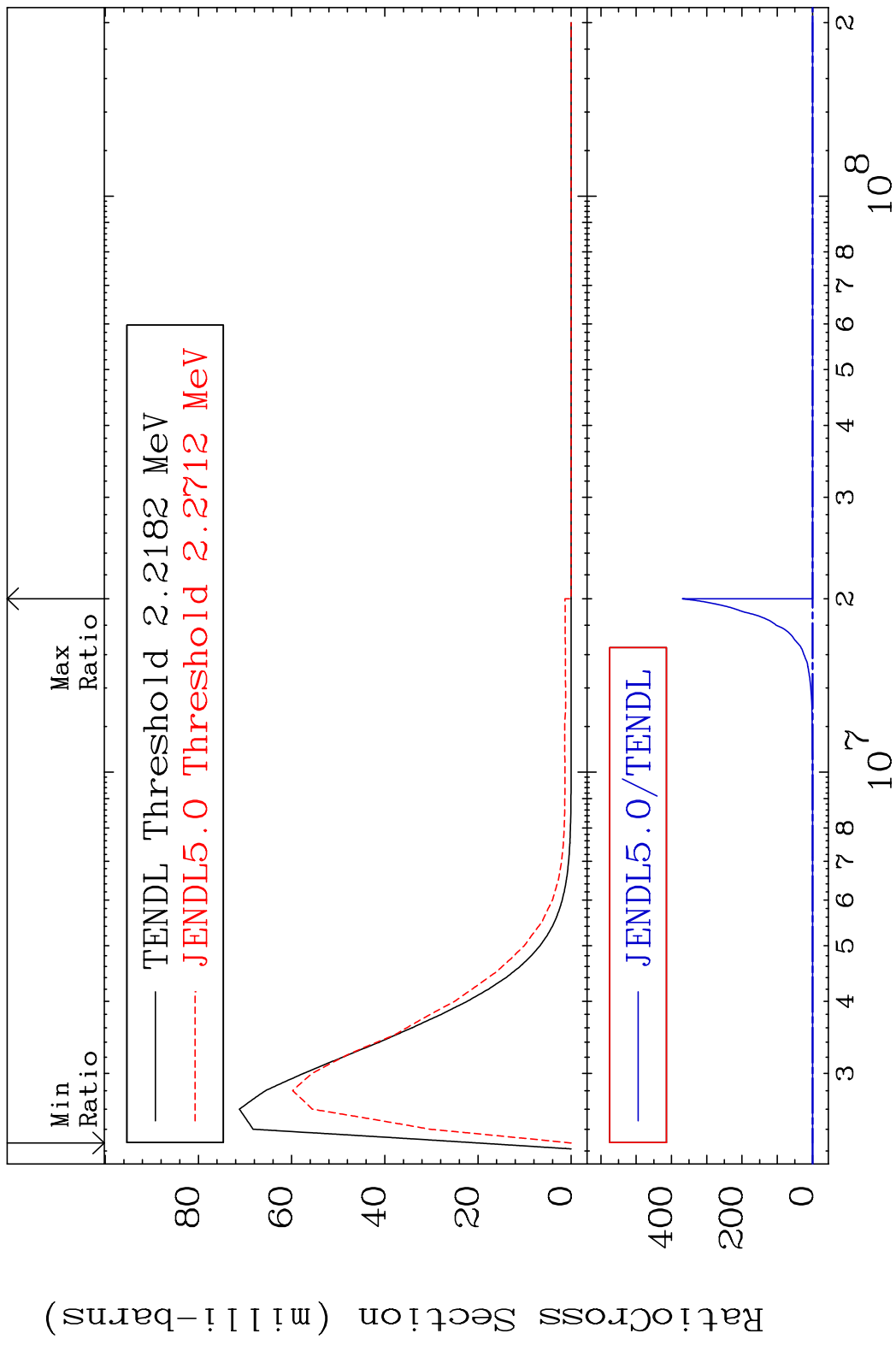


MAT 4837 MT= 61 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 207.2 %

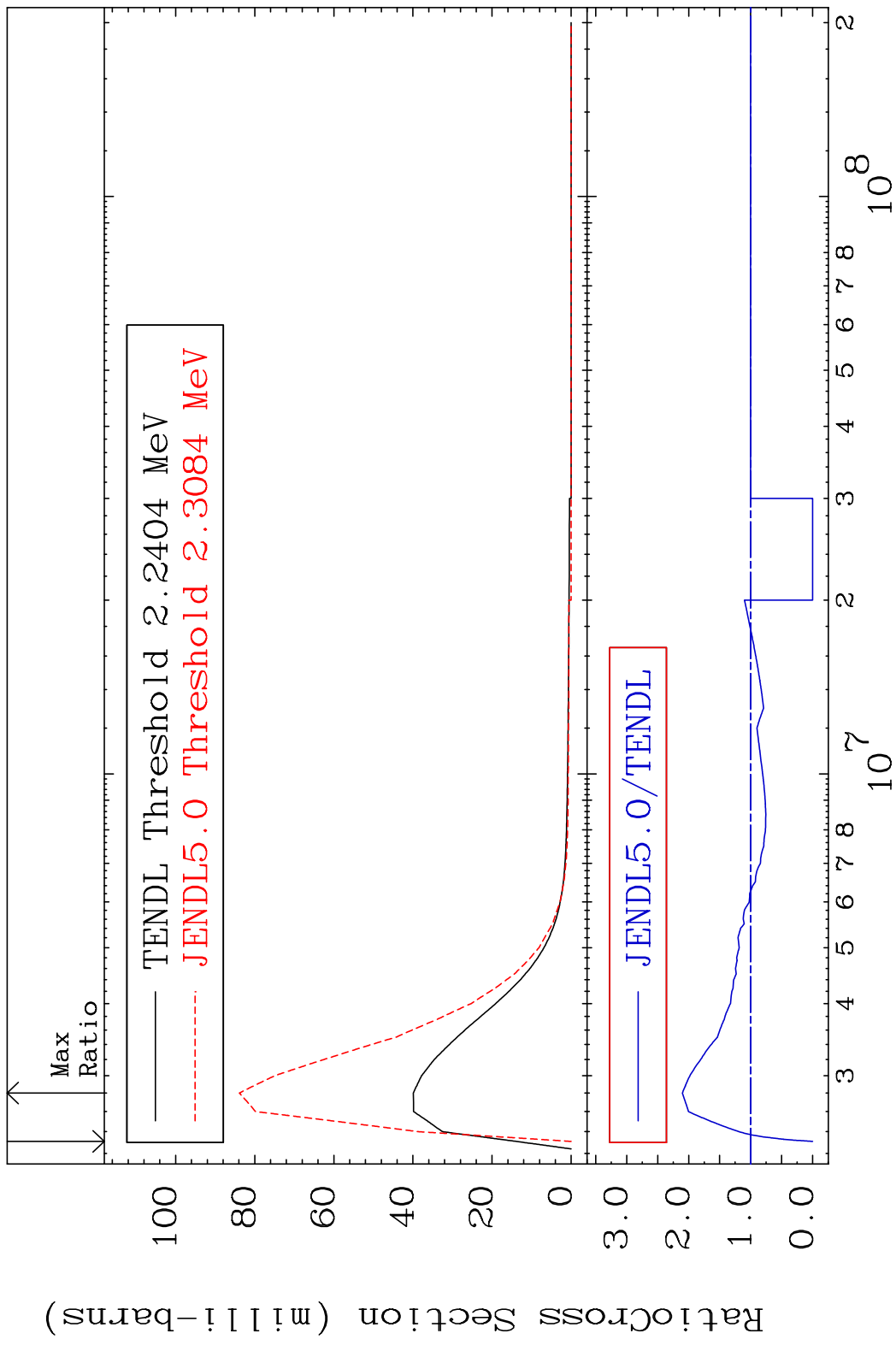


20 Incident Energy (eV) 48-Cd-110

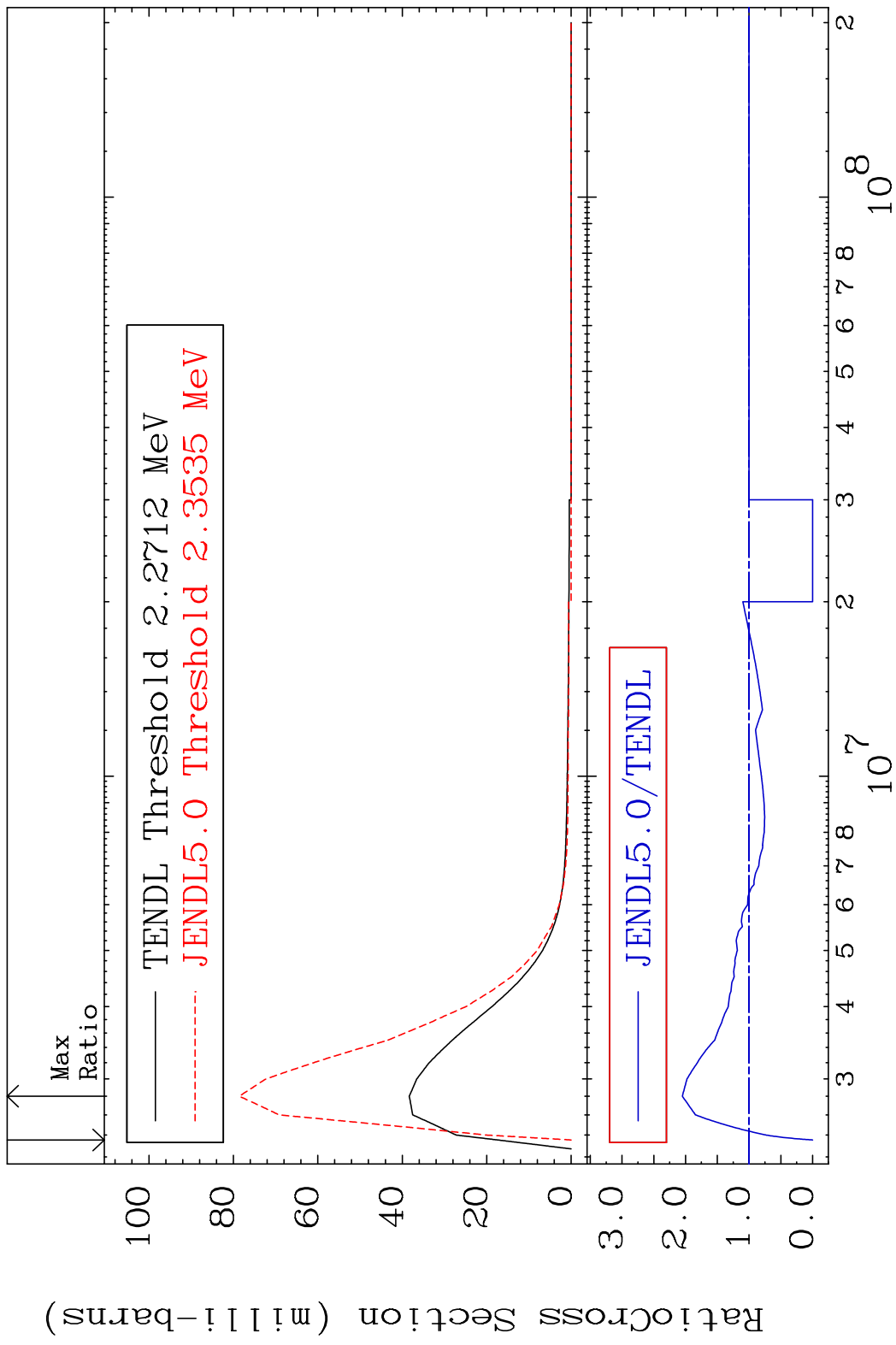
MAT 4837 MT= 62 (n, n') Level 48-Cd-110
 Cross Section -100.0 To 9999. %



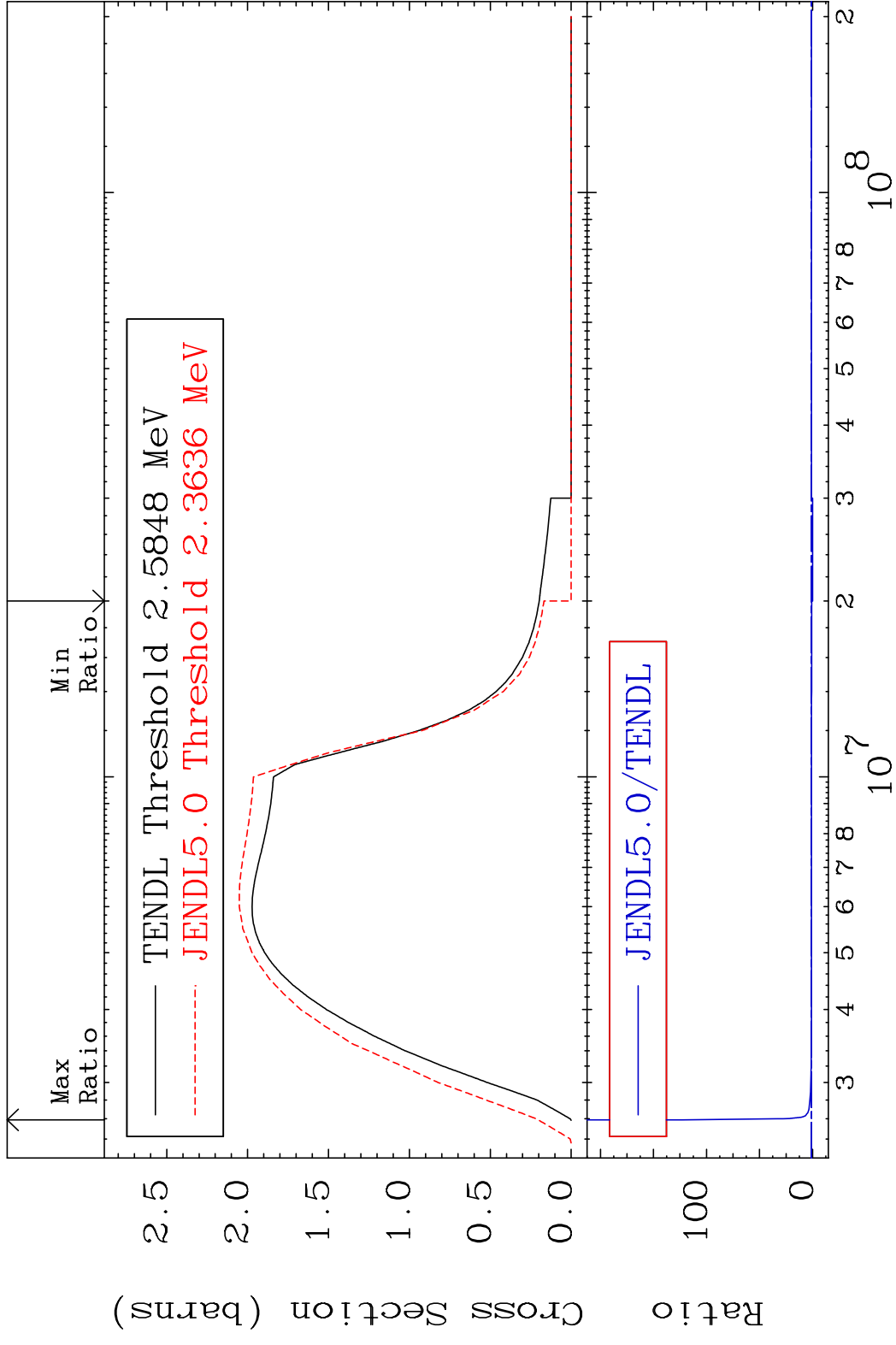
MAT 4837 MT= 63 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 110.2 %



MAT 4837 MT= 64 (n,n') Level 48-Cd-110
 Cross Section -100.0 To 105.0 %



MAT 4837 (n,n') Continuum 48-Cd-110
 Cross Section -100.0 To 9999. %

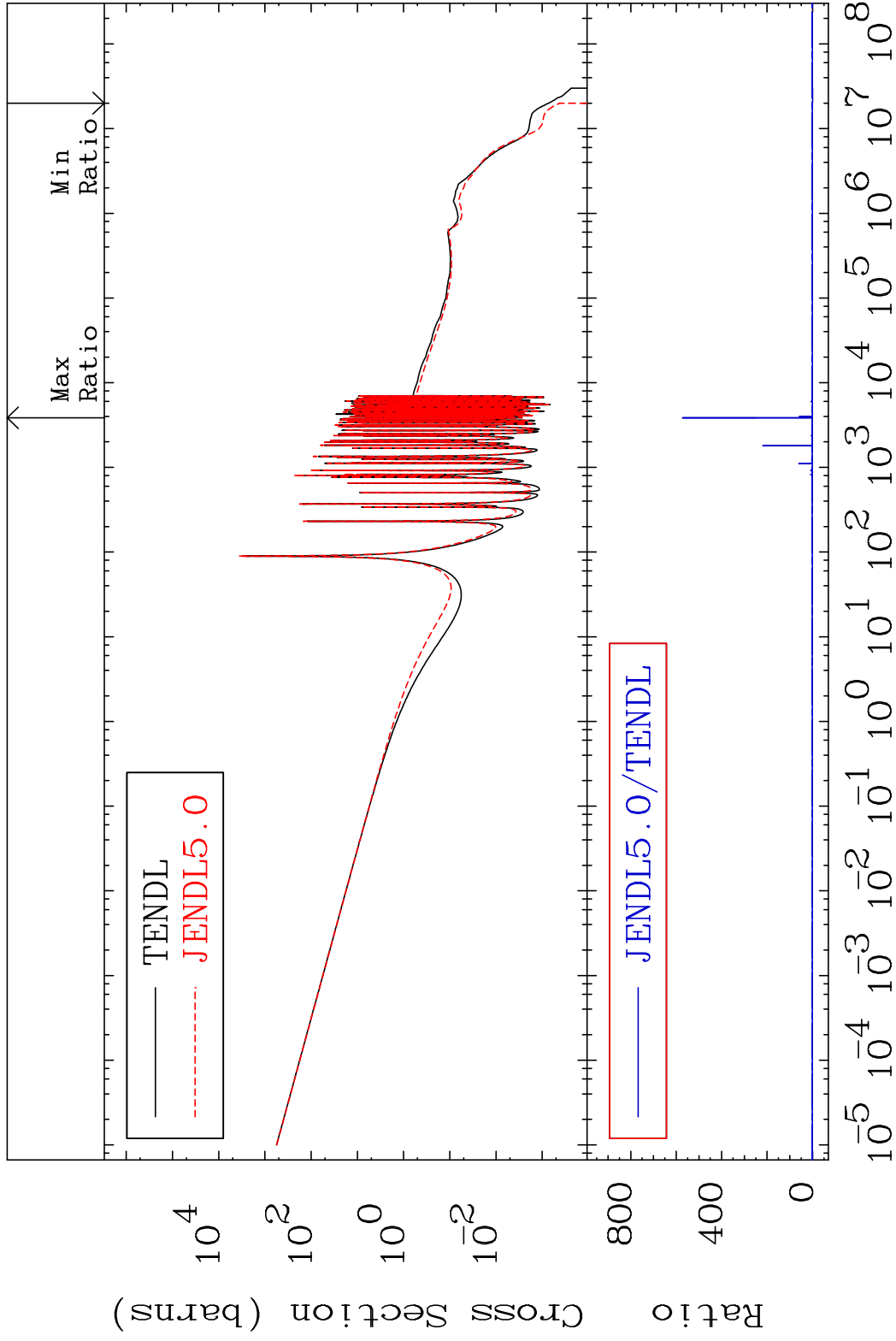


MAT 4837

(n, γ)

48-Cd-110

Cross Section -100.0 To 9999. %

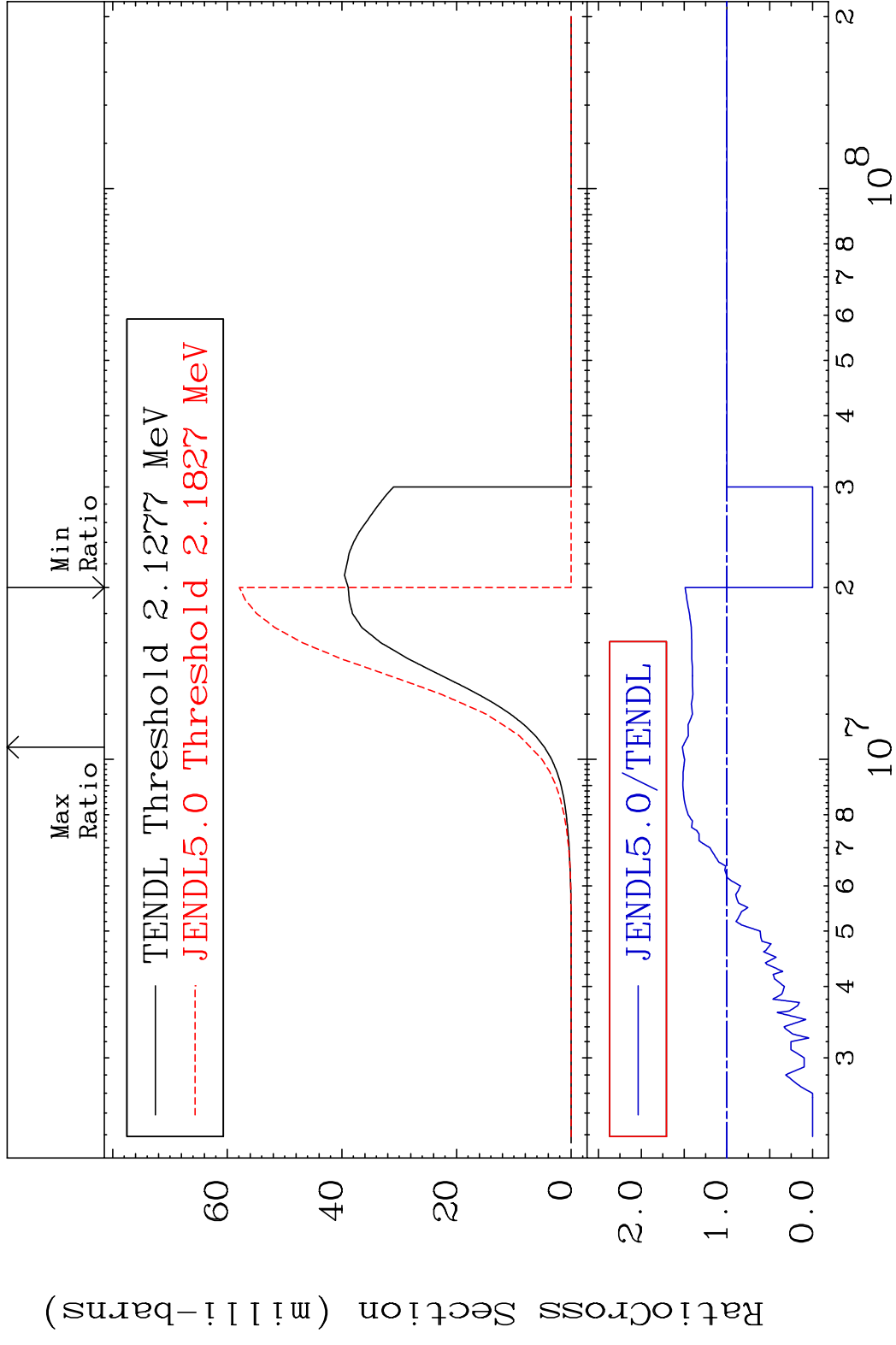


25

Incident Energy (eV)

48-Cd-110

MAT 4837 (n,p) 48-Cd-110
 Cross Section -100.0 To 52.11 %

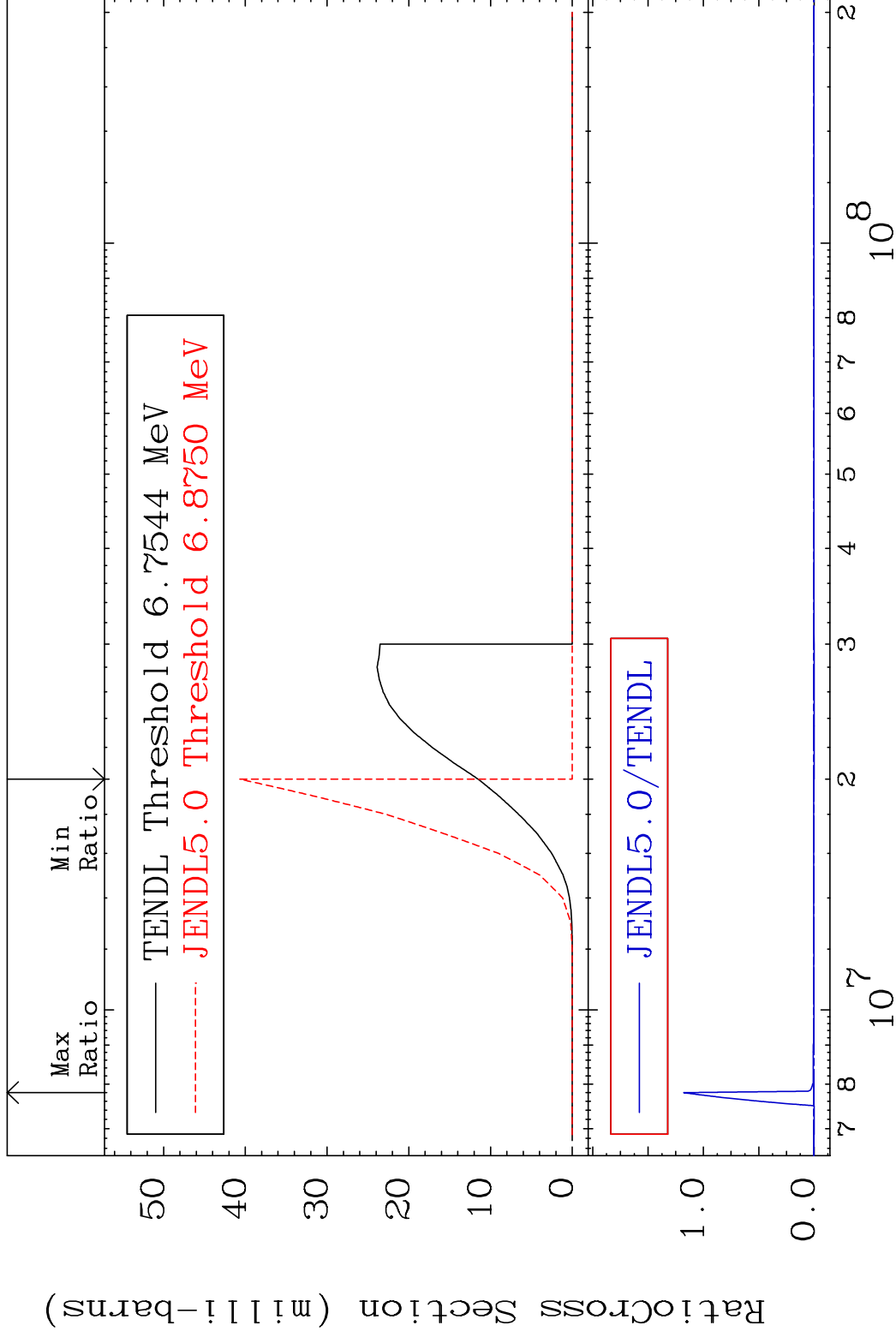


MAT 4837

(n,d)

48-Cd-110

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

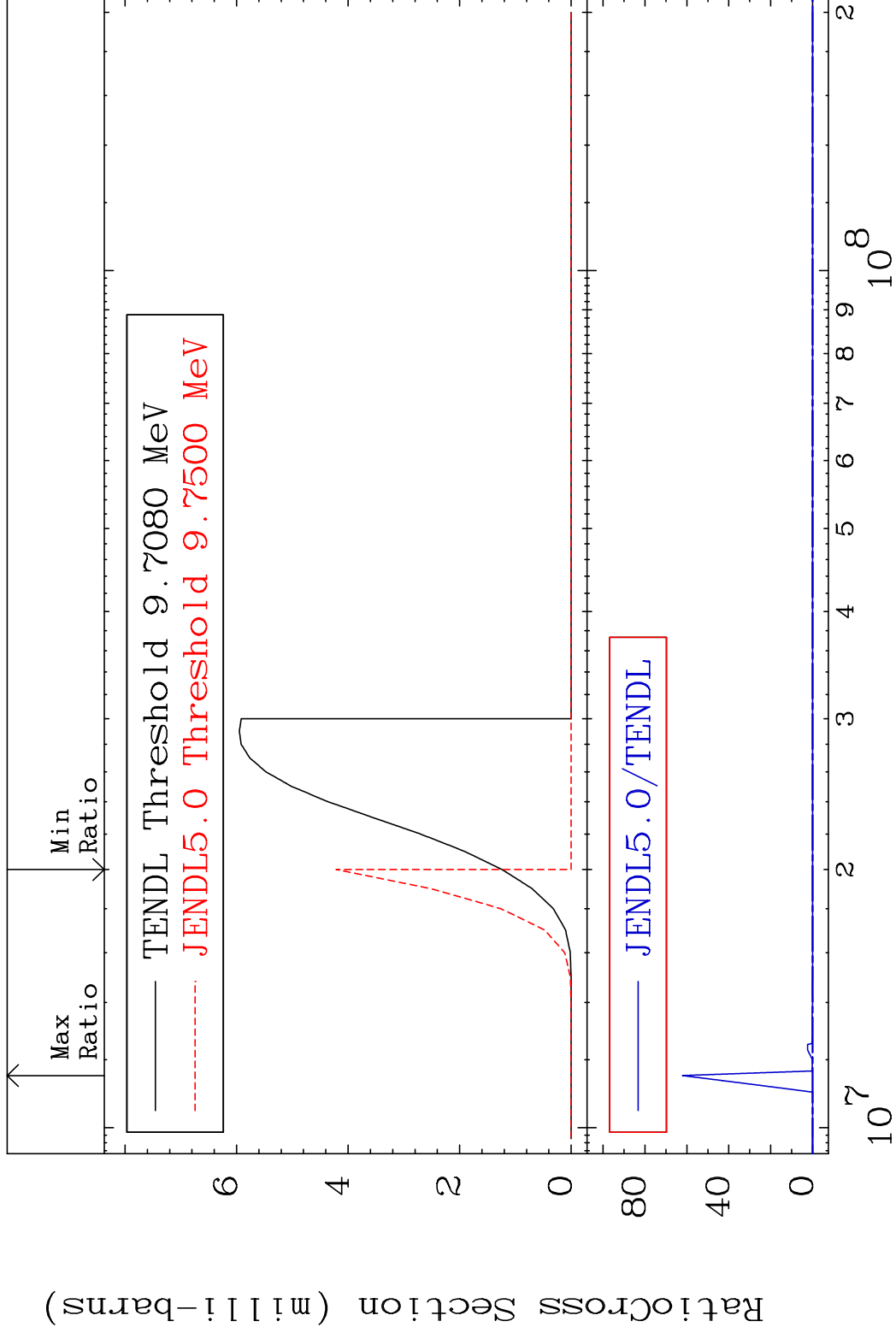
48-Cd-110

MAT 4837

(n, t)

48-Cd-110

Cross Section -100.0 To 9999. %

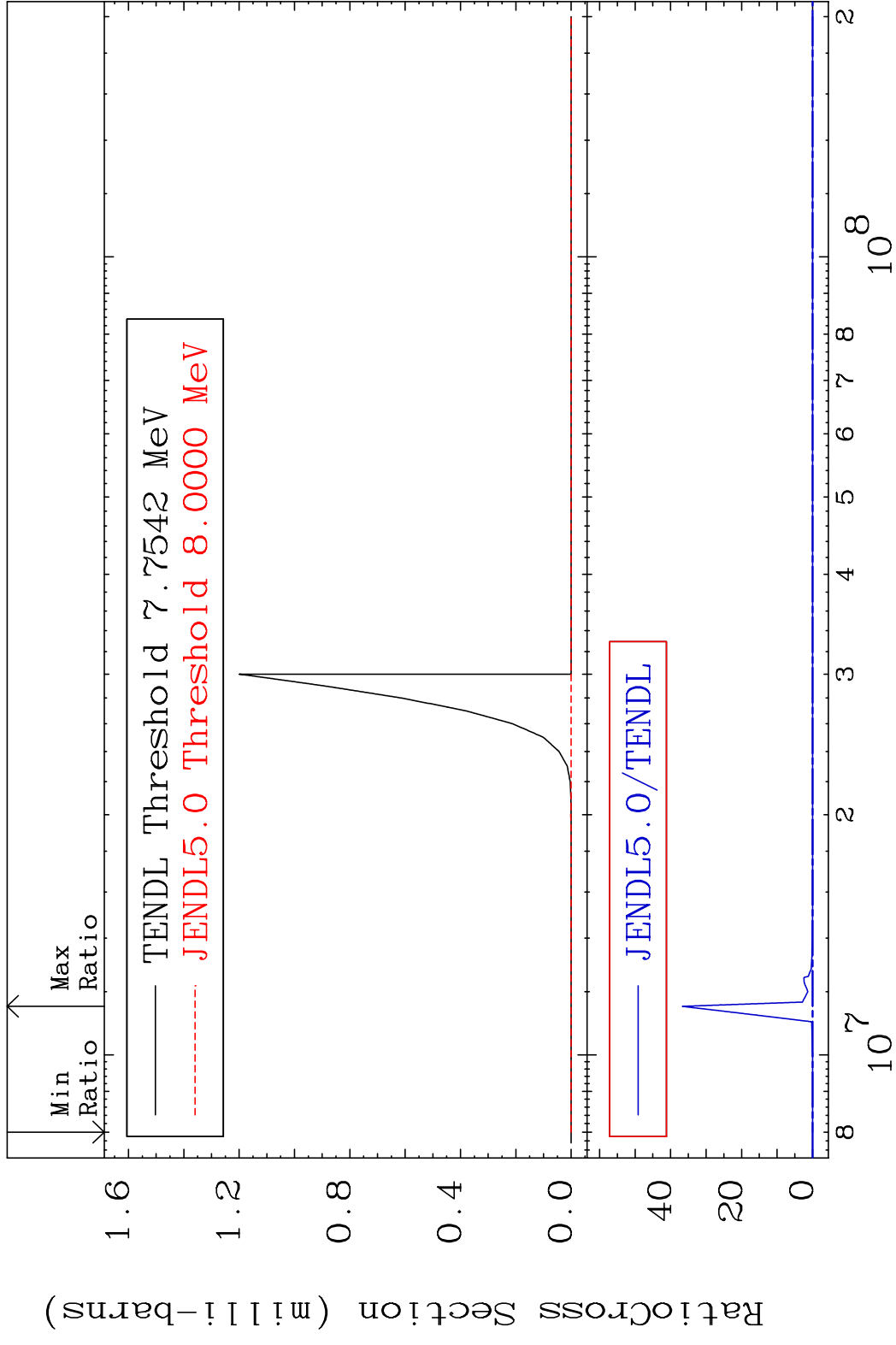


28

Incident Energy (eV)

48-Cd-110

MAT 4837 (n, He-3) 48-Cd-110
 Cross Section -100.0 To 9999. %

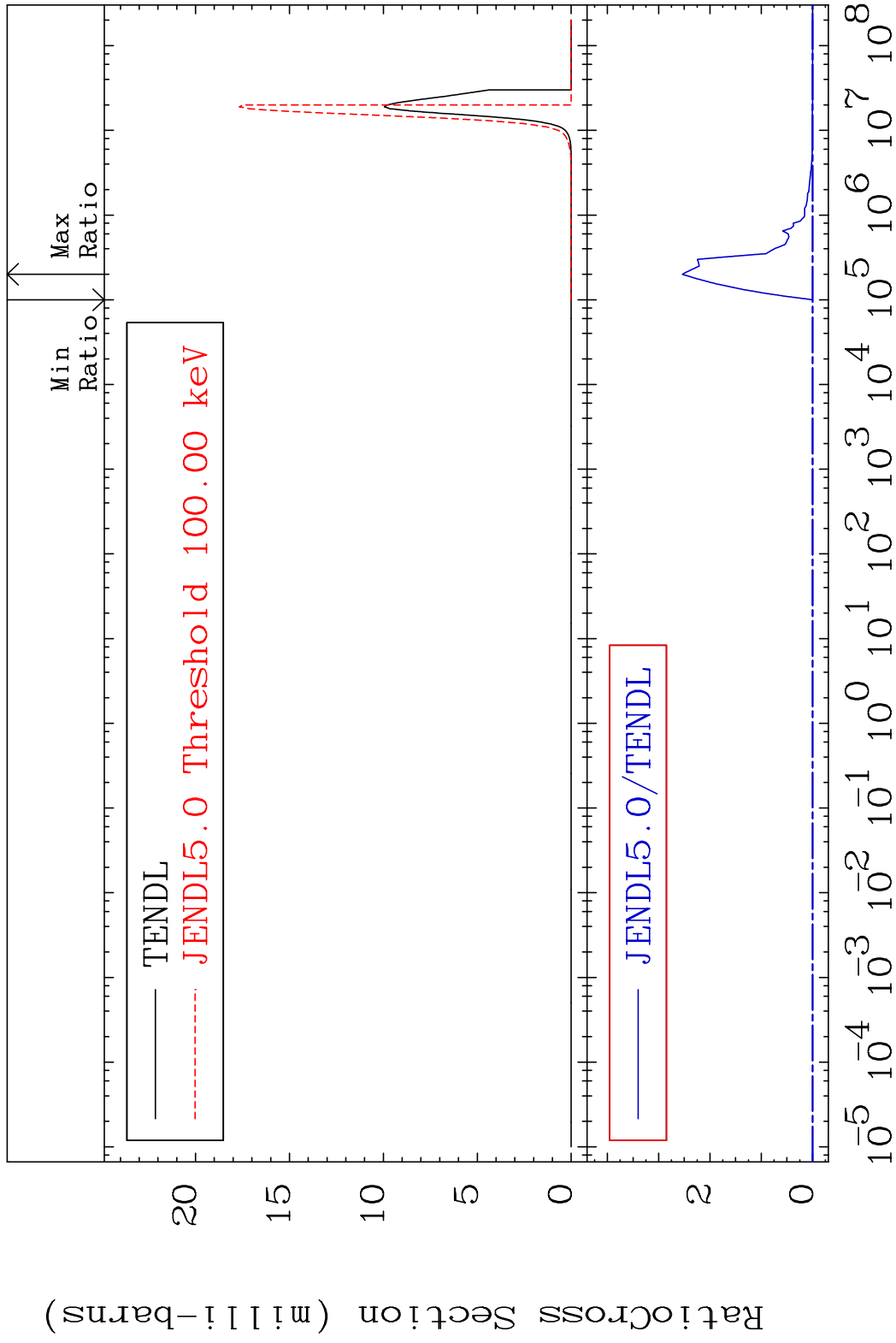


MAT 4837

(n, α)

48-Cd-110

Cross Section -100.0 To 9999. %

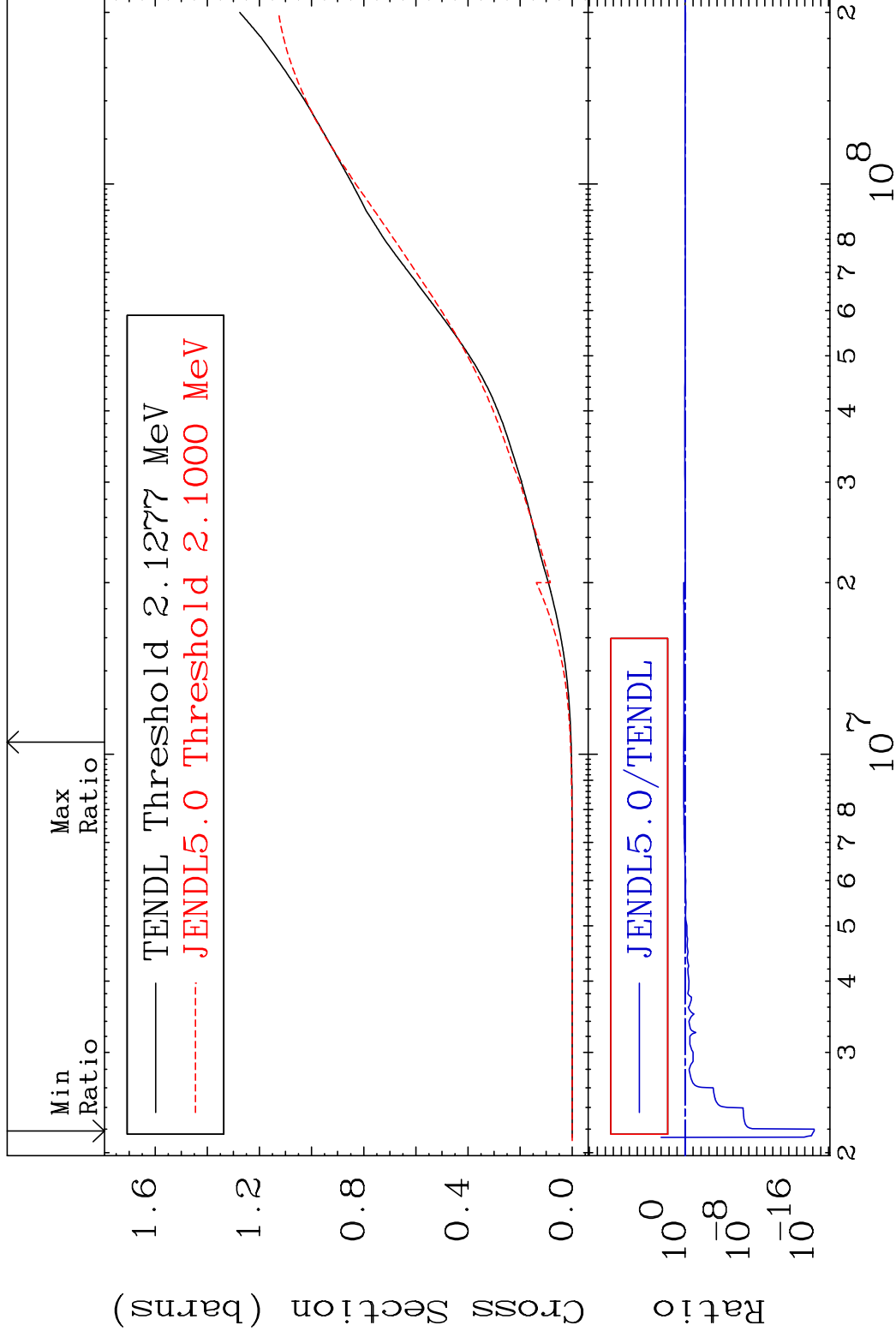


MAT 4837

Hydrogen Production

48-Cd-110

Cross Section -100.0 To 52.11 %

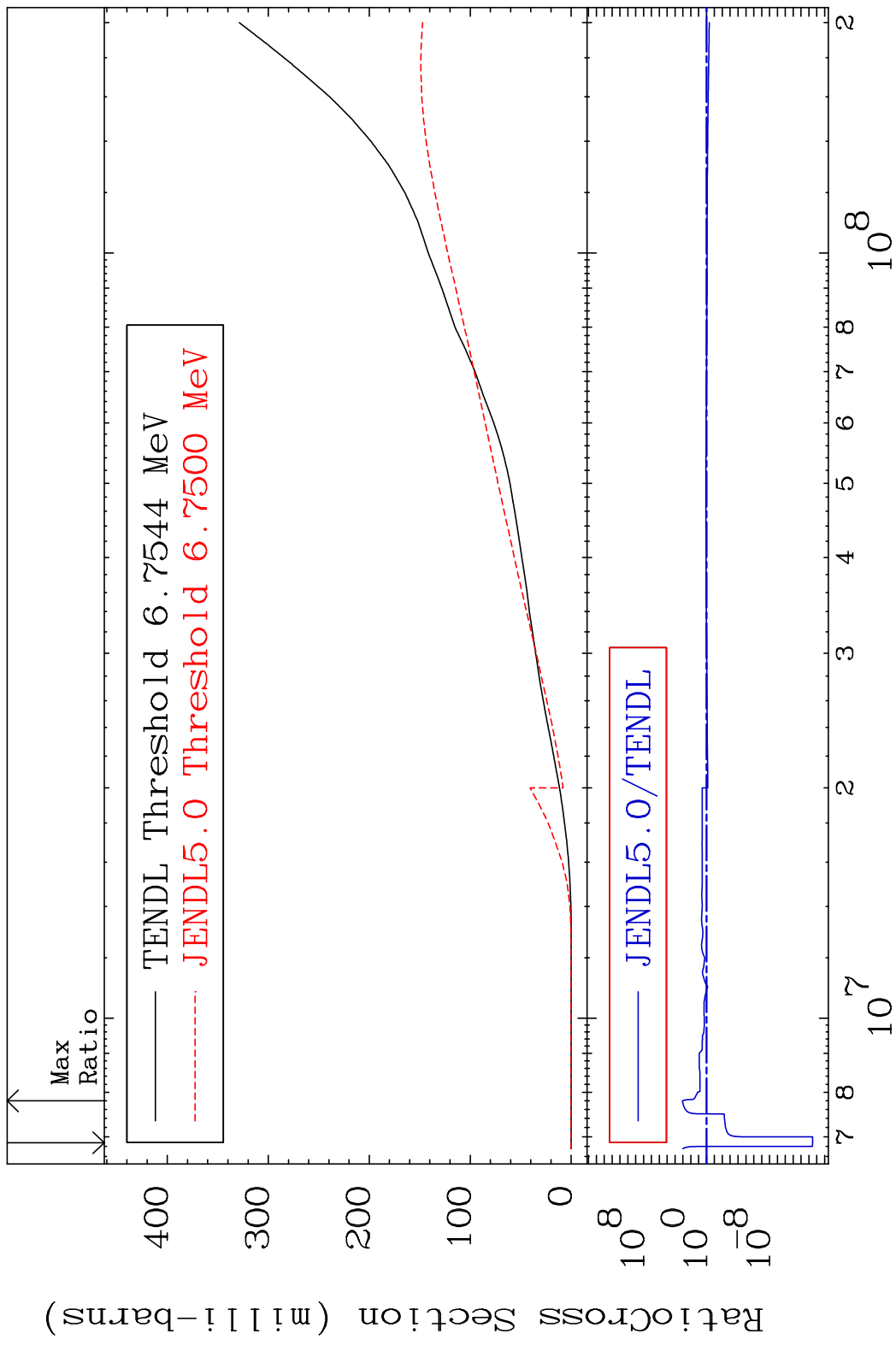


31

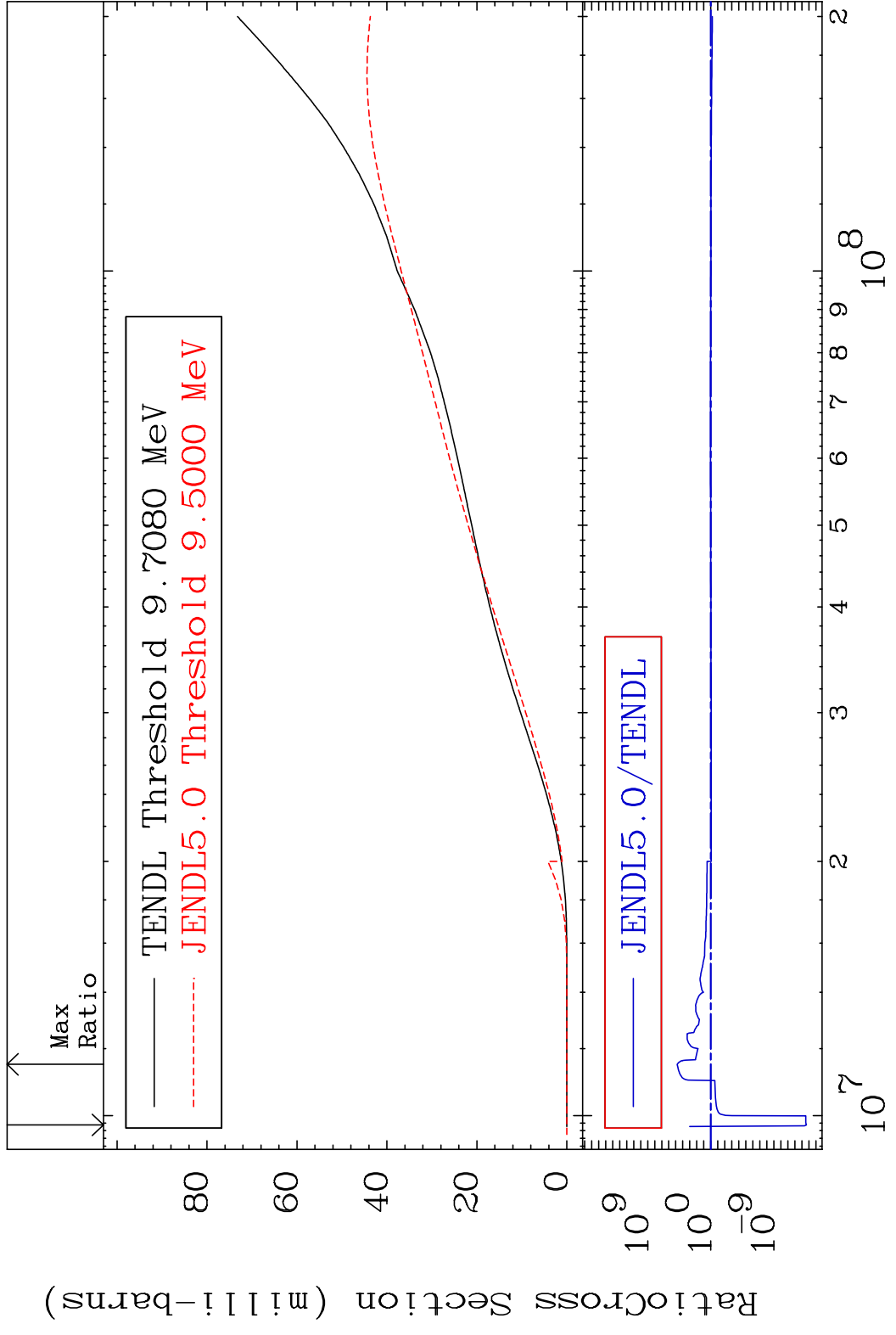
Incident Energy (eV)

48-Cd-110

MAT 4837 Deuterium Production 48-Cd-110
 Cross Section -100.0 To 9999. %

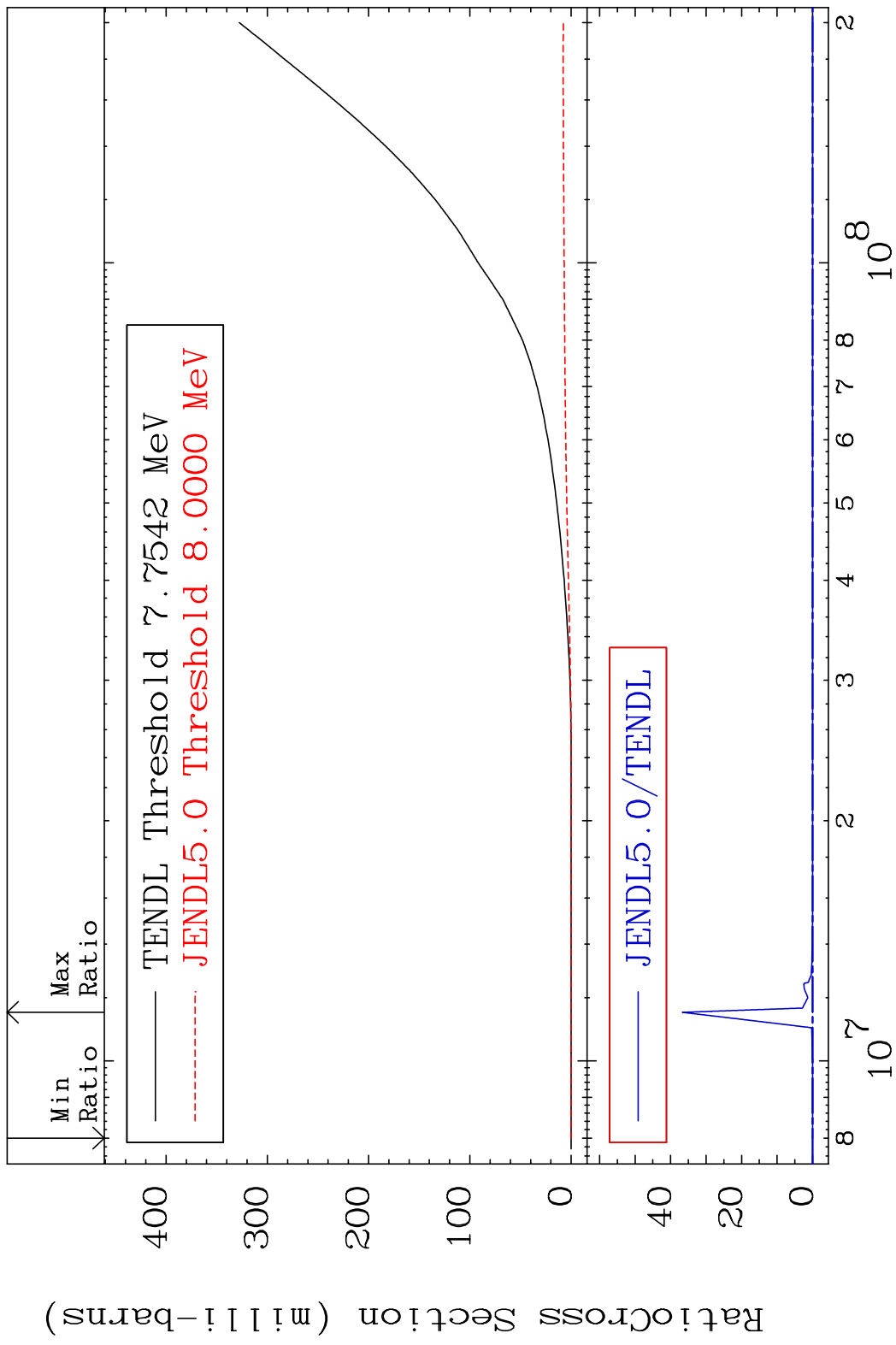


MAT 4837 Tritium Production 48-Cd-110
 Cross Section -100.0 To 9999. %



33 Incident Energy (eV) 48-Cd-110

MAT 4837 He-3 Production 48-Cd-110
 Cross Section -100.0 To 9999. %



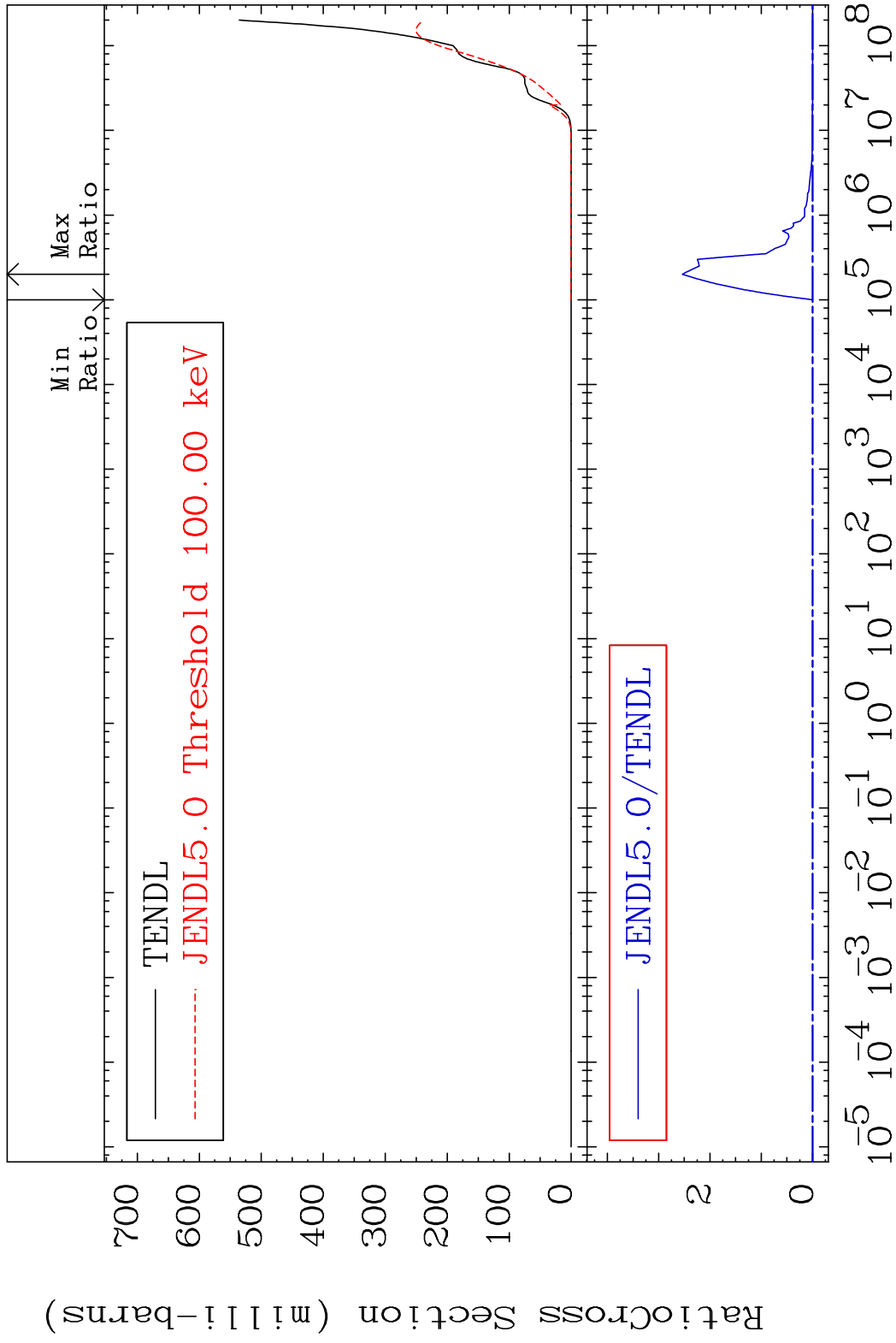
34 Incident Energy (eV) 48-Cd-110

MAT 4837

He-4 Production

48-Cd-110

Cross Section -100.0 To 9999. %

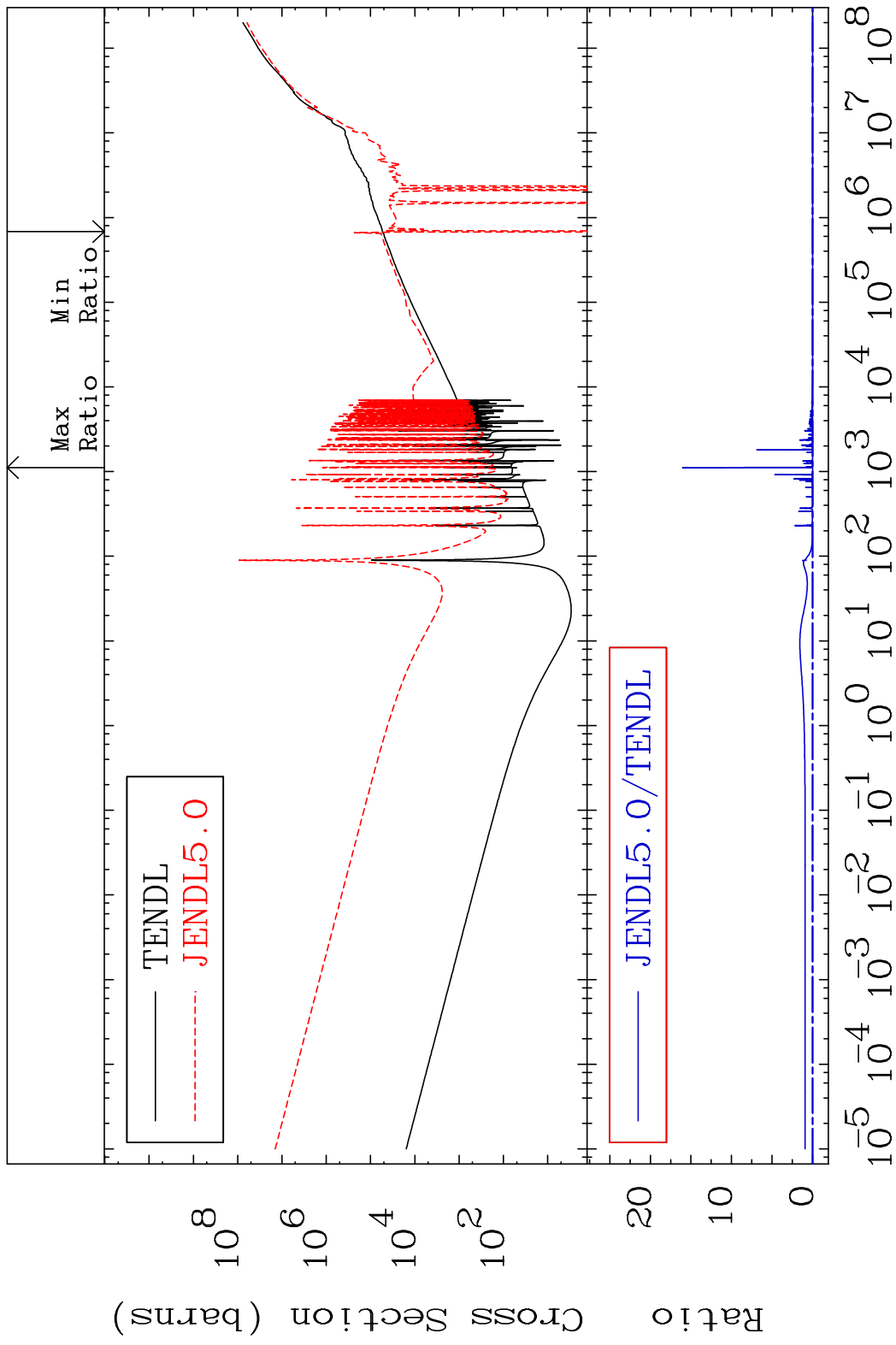


35

Incident Energy (eV)

48-Cd-110

MAT 4837 Kerma total (eV-barns) 48-Cd-110
 Cross Section -212.9 To 9999. %



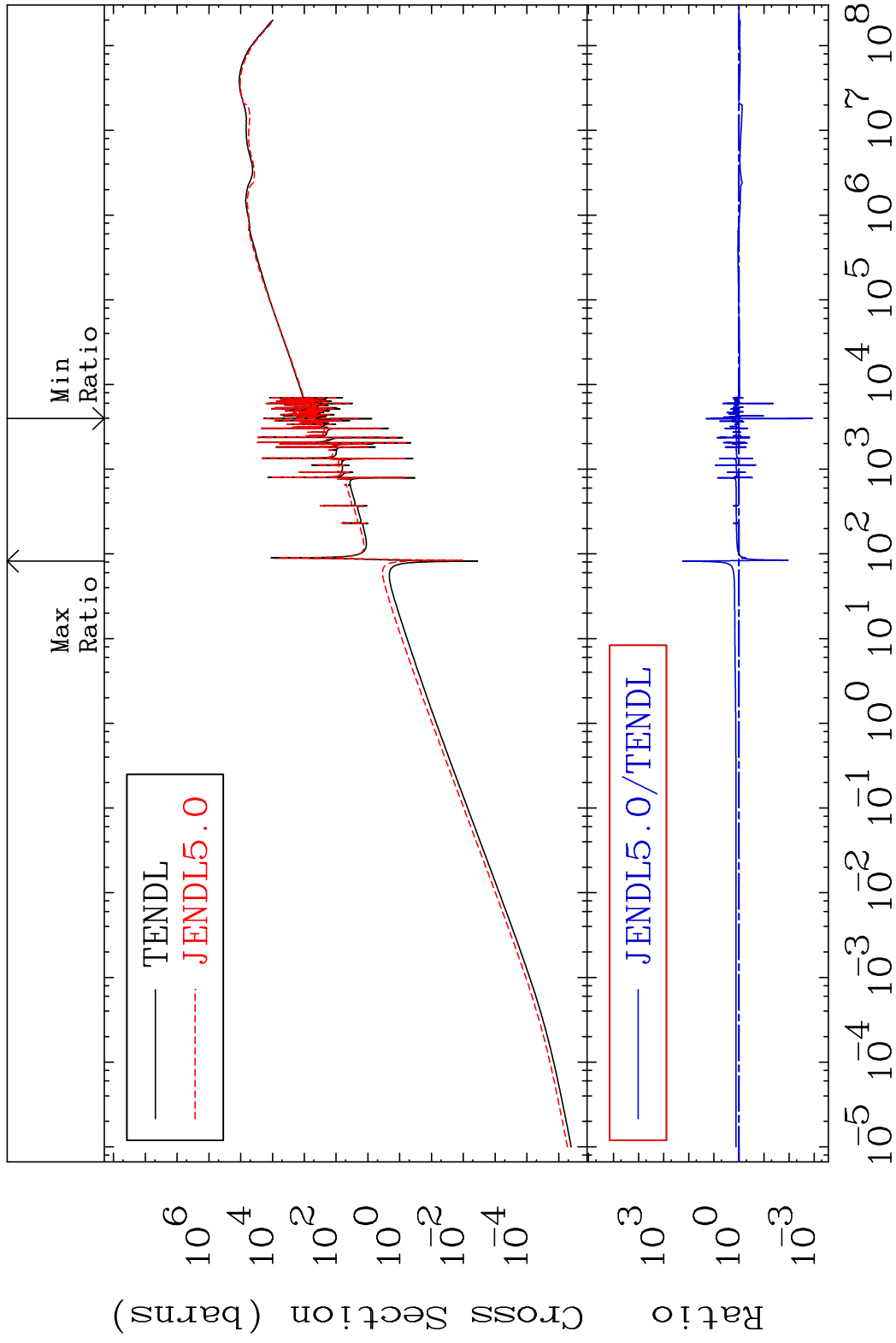
36 Incident Energy (eV) 48-Cd-110

MAT 4837

Kerma elastic

48-Cd-110

Cross Section -99.88 To 9999. %

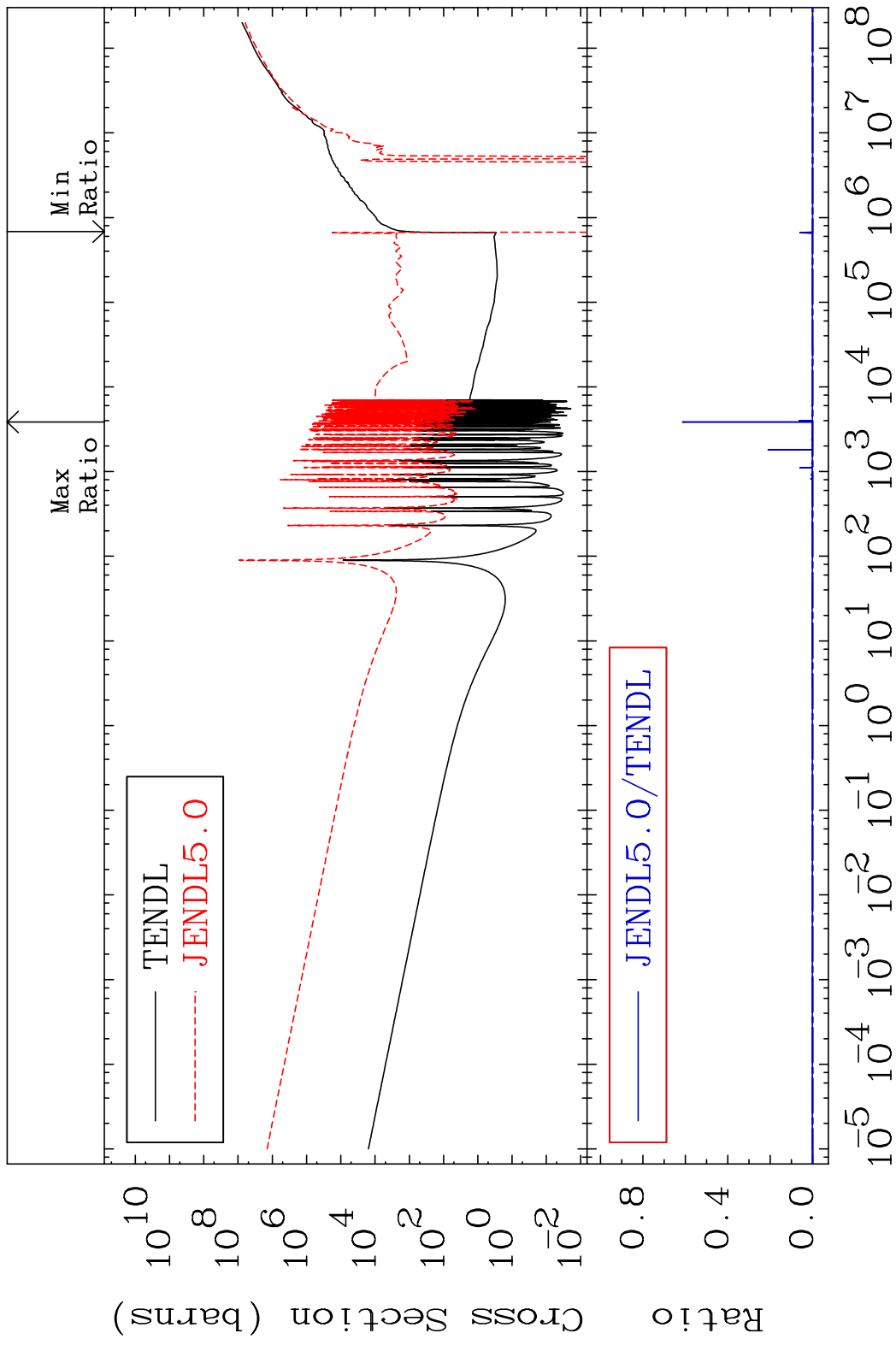


37

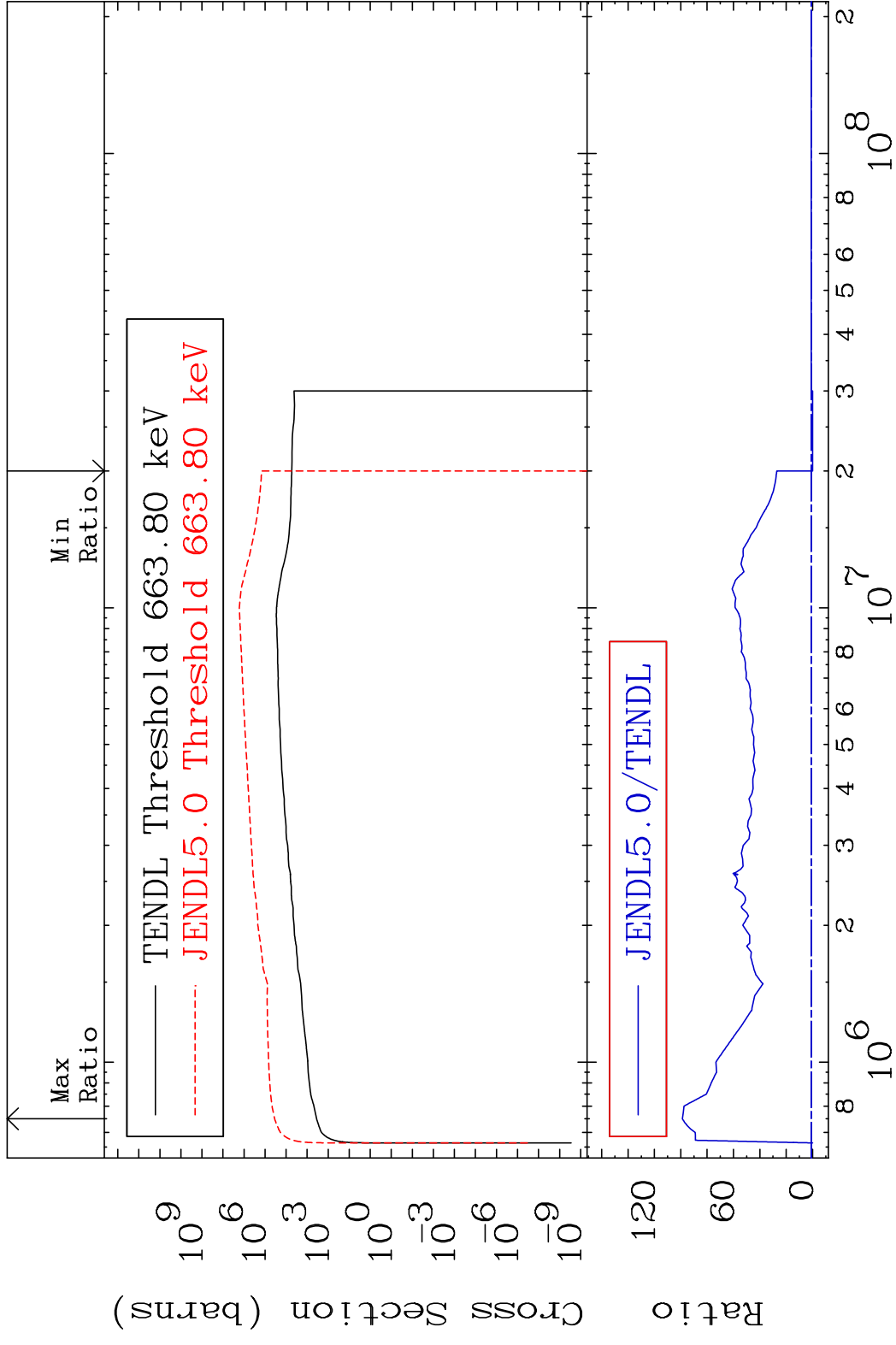
Incident Energy (eV)

48-Cd-110

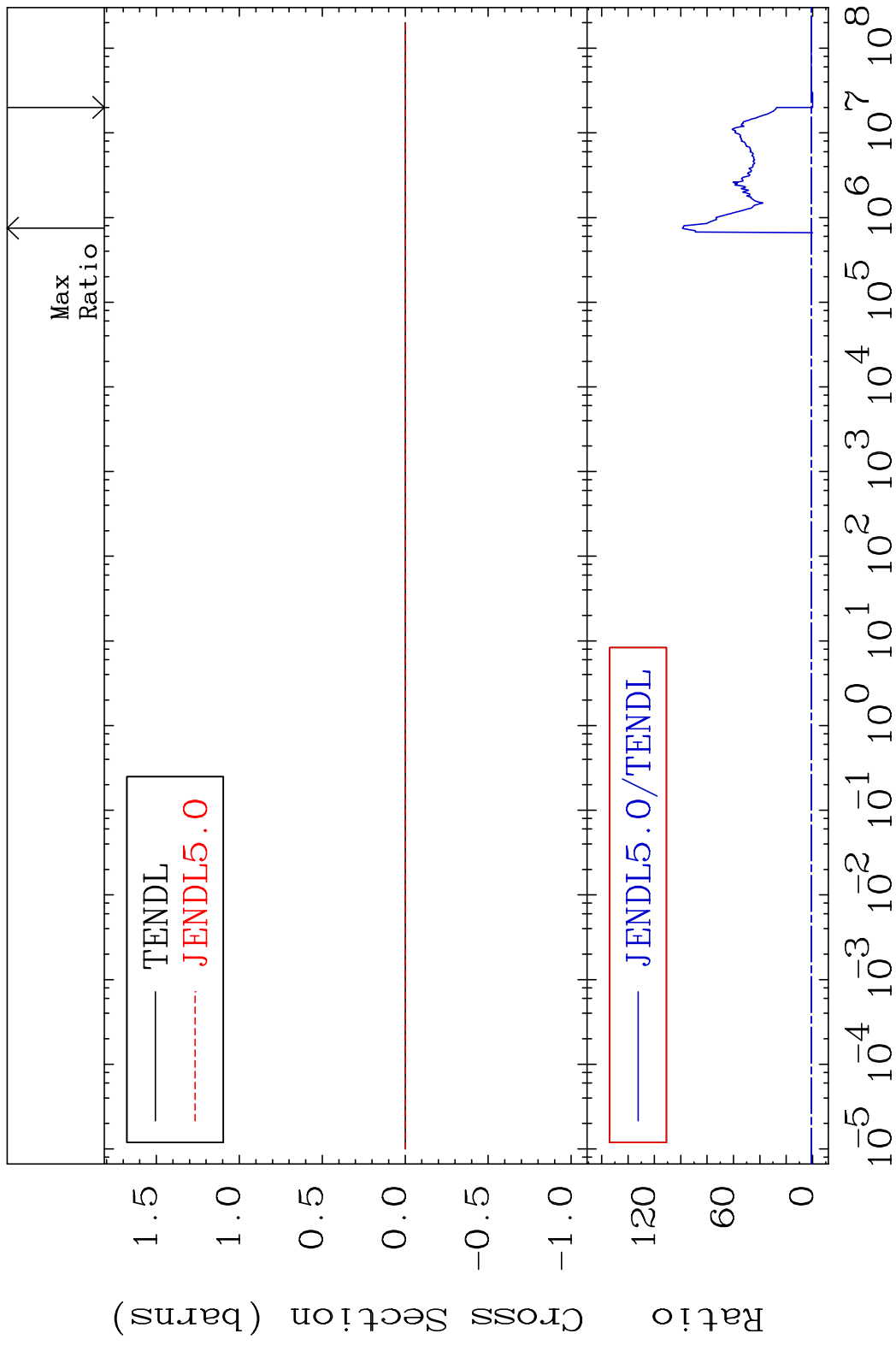
MAT 4837 Kerma non-elastic (all but mt2) 48-Cd-110
 Cross Section -9999. To 9999. %



MAT 4837 Kerma inelastic (mt51-91) 48-Cd-110
 Cross Section -100.0 To 9780. %



MAT 4837 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-110
 Cross Section -100.0 To 9780. %



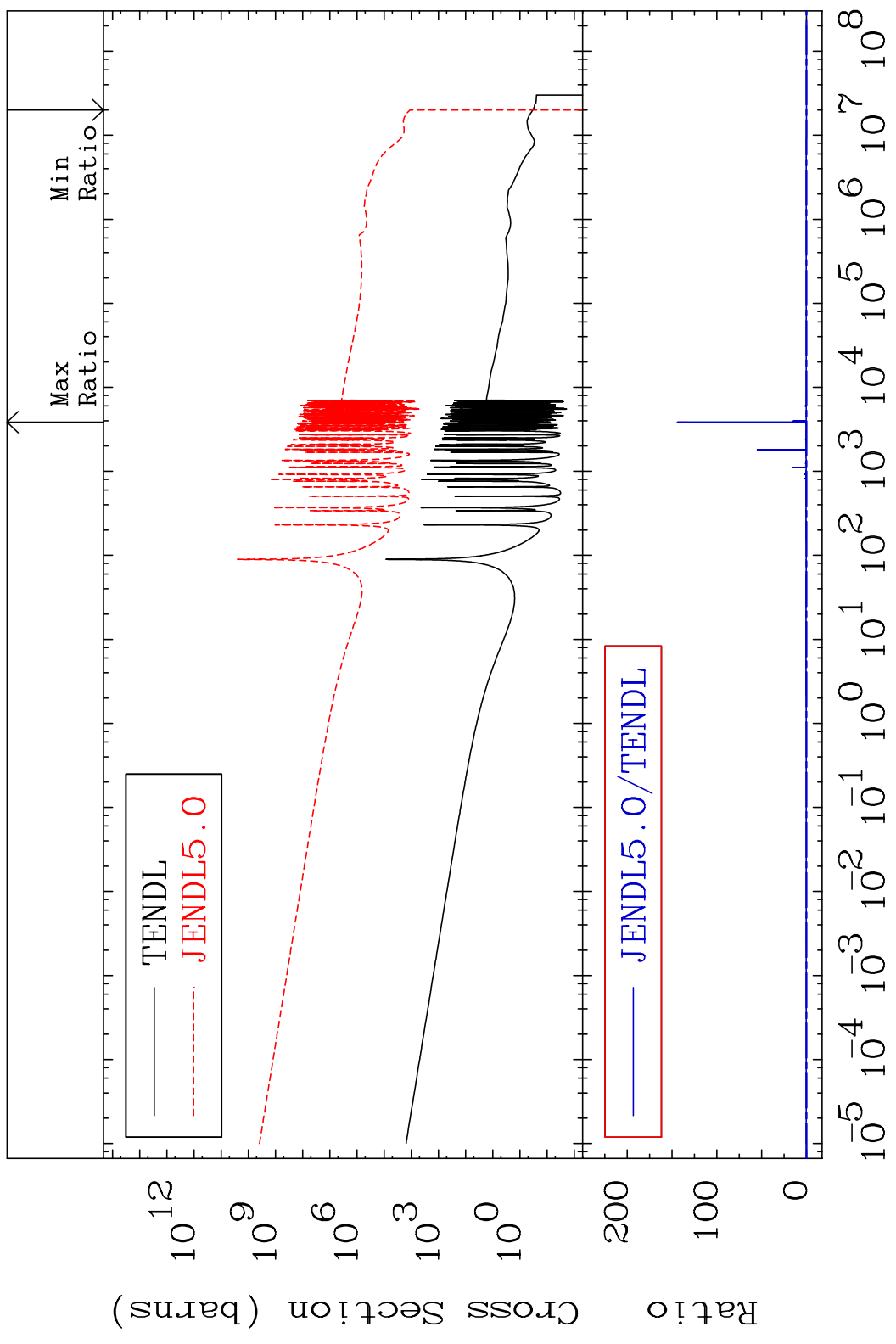
40

Incident Energy (eV)

48-Cd-110

MAT 4837

Kerma capture (mt102) 48-Cd-110
Cross Section -100.0 To 9999. %

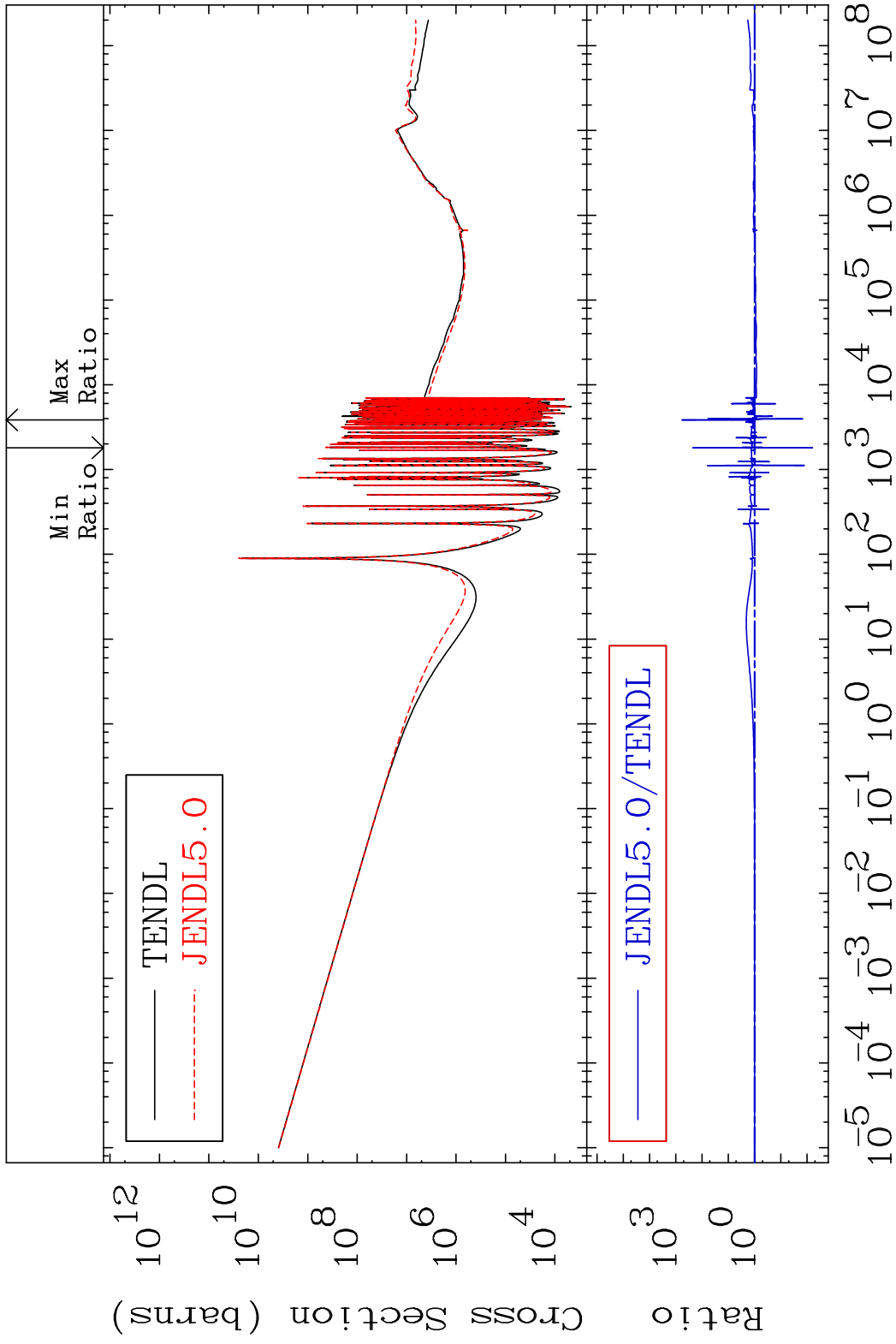


41

Incident Energy (eV) 48-Cd-110

MAT 4837

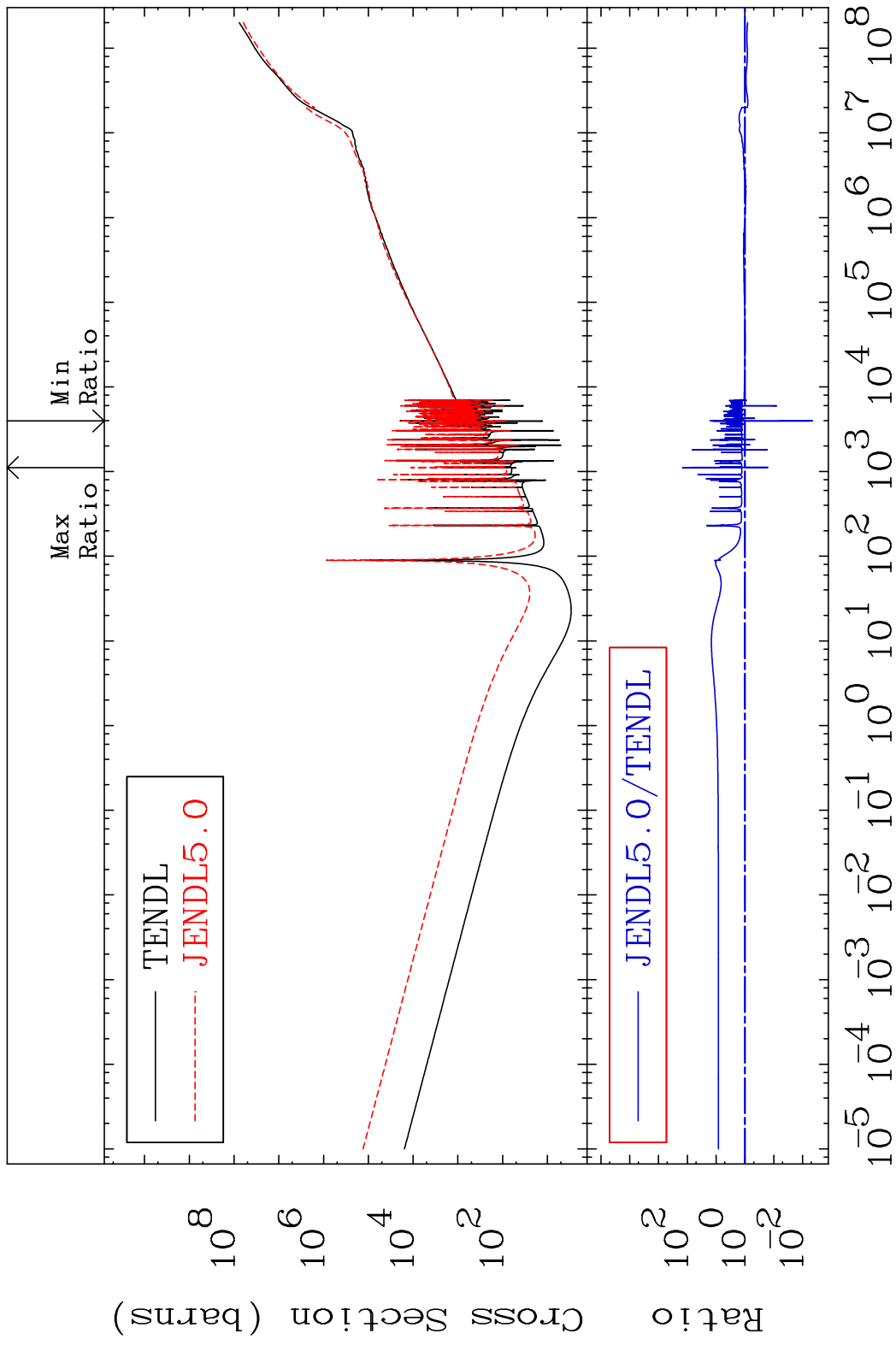
Total photon (eV-barns) 48-Cd-110
Cross Section -99.38 To 9999. %



42

Incident Energy (eV) 48-Cd-110

MAT 4837 Total kinematic kerma (high limit) 48-Cd-110
 Cross Section -99.55 To 9999. %

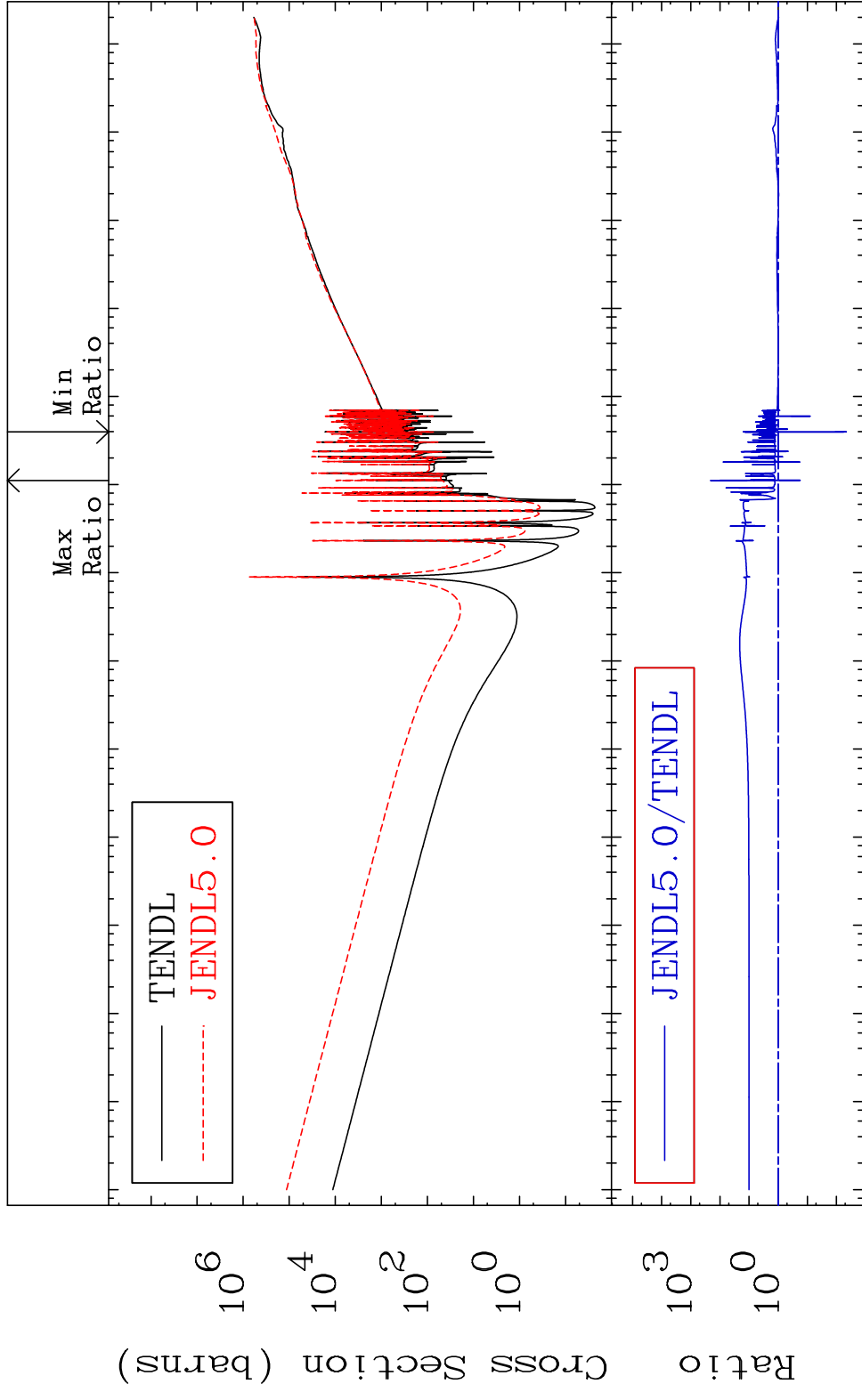


MAT 4837

Dpa total (eV-barns)

48-Cd-110

Cross Section -99.54 To 9999. %

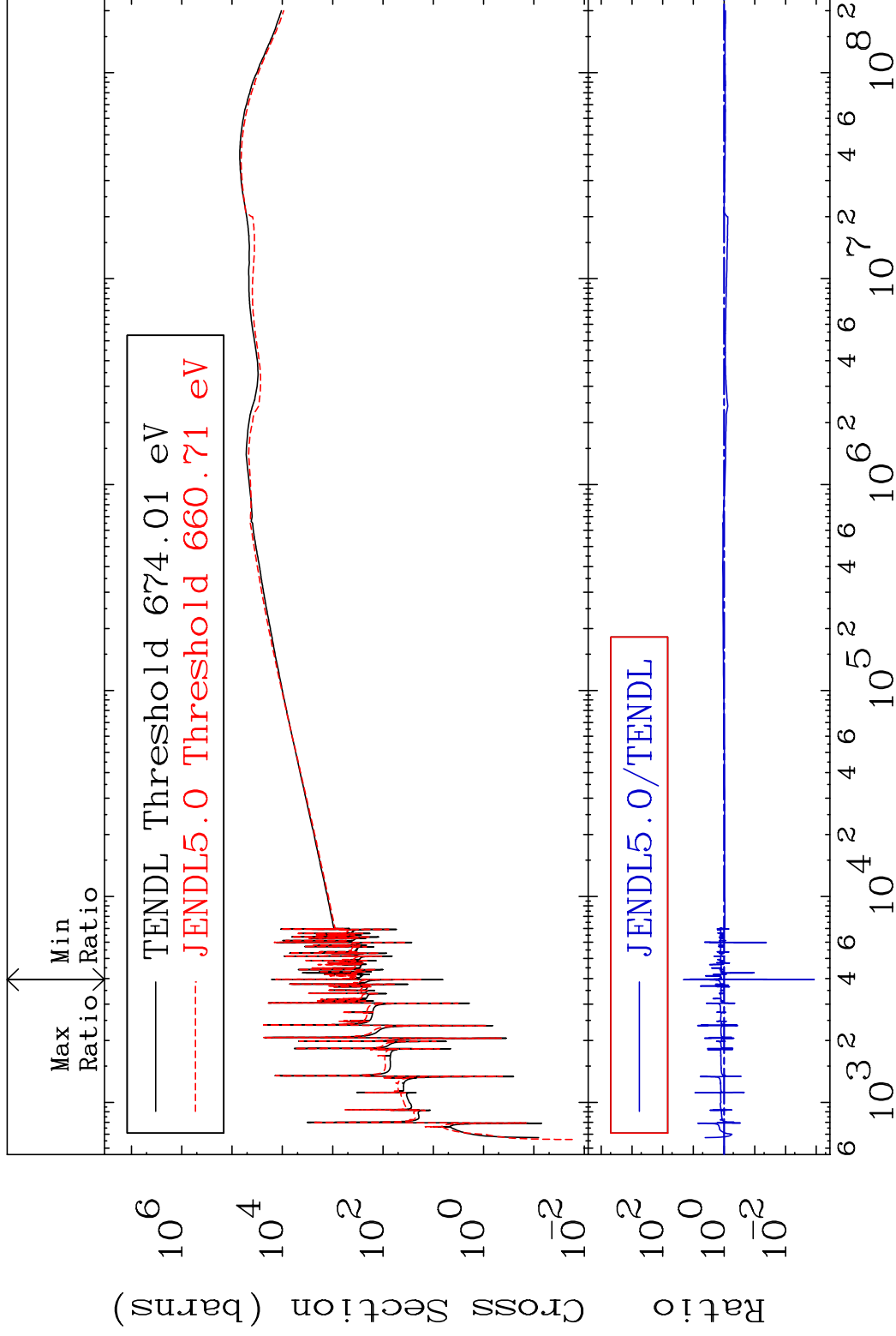


MAT 4837

Dpa elastic (mt2)

48-Cd-110

Cross Section -99.88 To 1976. %

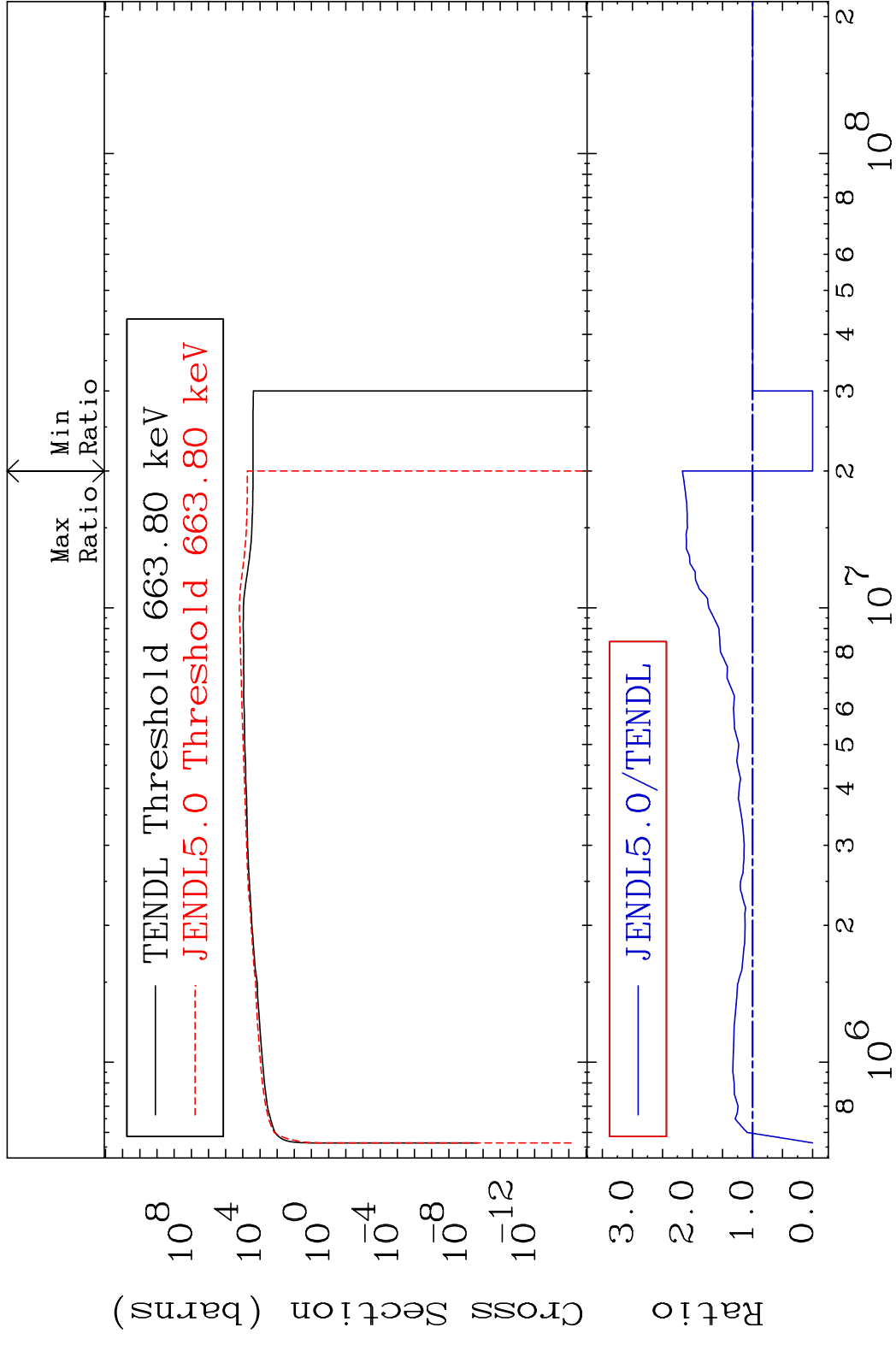


45

Incident Energy (eV)

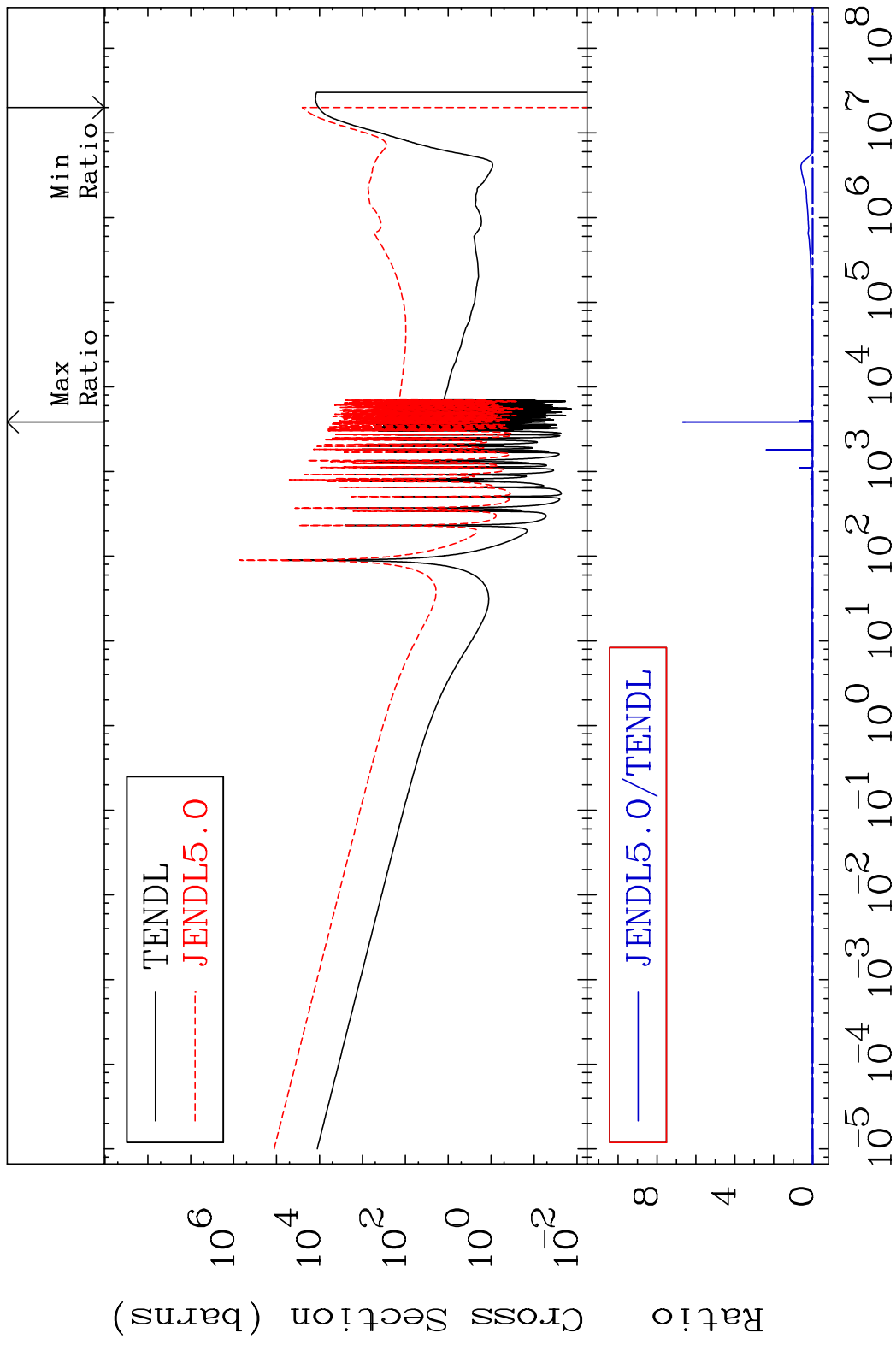
48-Cd-110

MAT 4837 Dpa inelastic (mt51-91) 48-Cd-110
 Cross Section -100.0 To 116.9 %



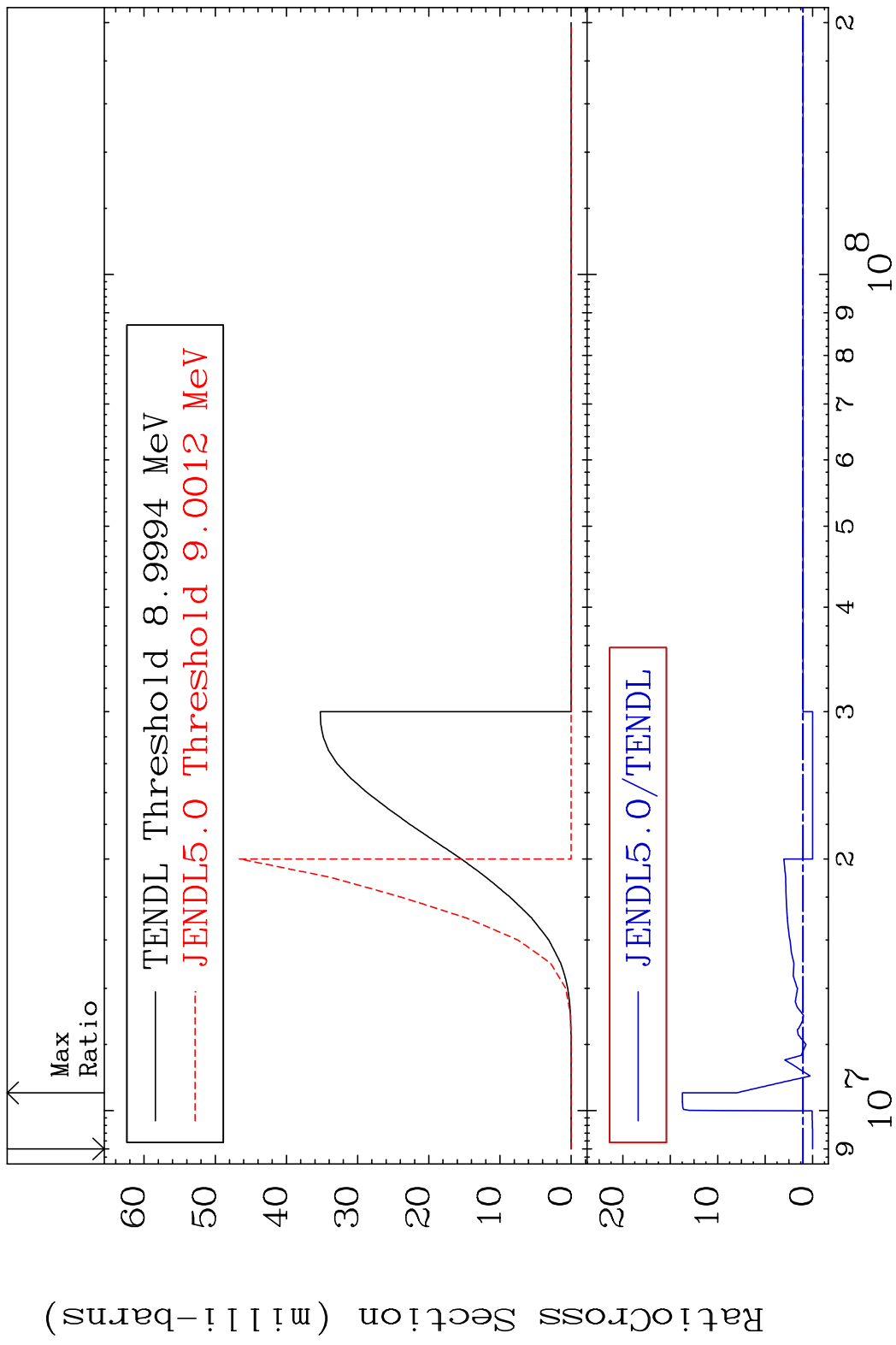
46 Incident Energy (eV) 48-Cd-110

MAT 4837 Dpa disappearance (mt102 -120) 48-Cd-110
 Cross Section -100.0 To 9999. %



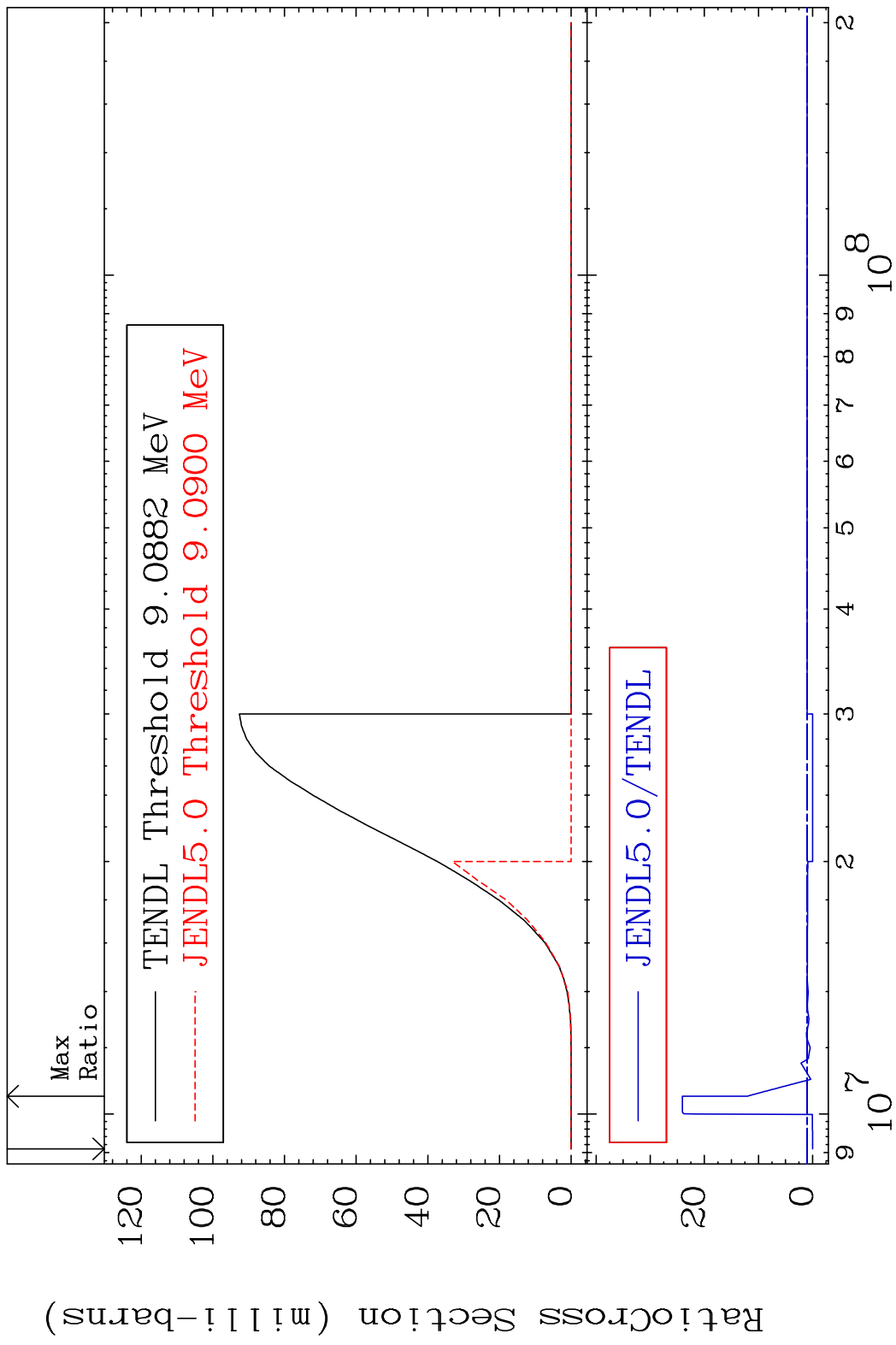
47 Incident Energy (eV) 48-Cd-110

MAT 4837 (n, n') p:47-Ag-109g 48-Cd-110
 Radionuclide Production Cross Section 1800 dth 1272. %



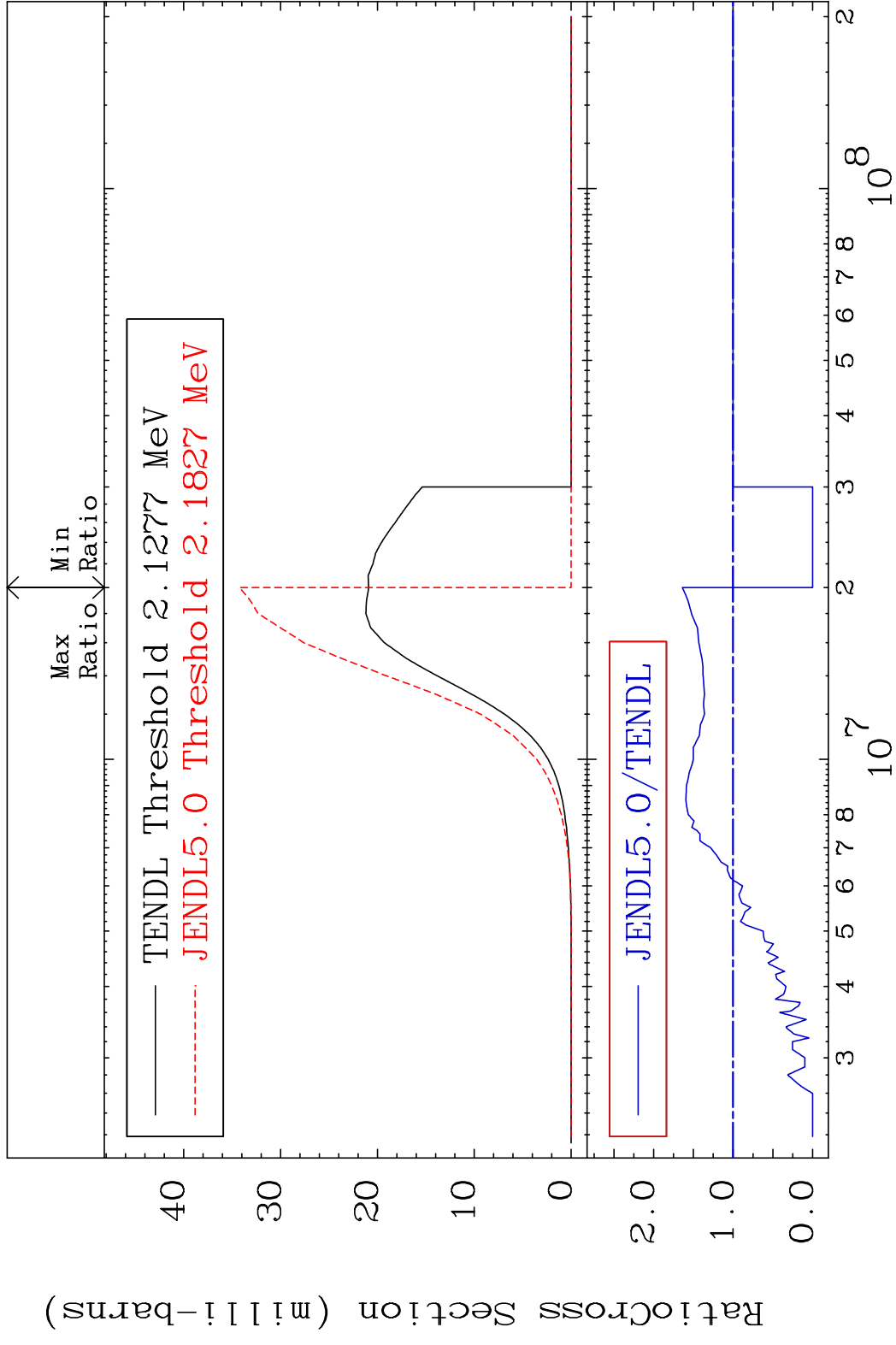
48 Incident Energy (eV) 48-Cd-110

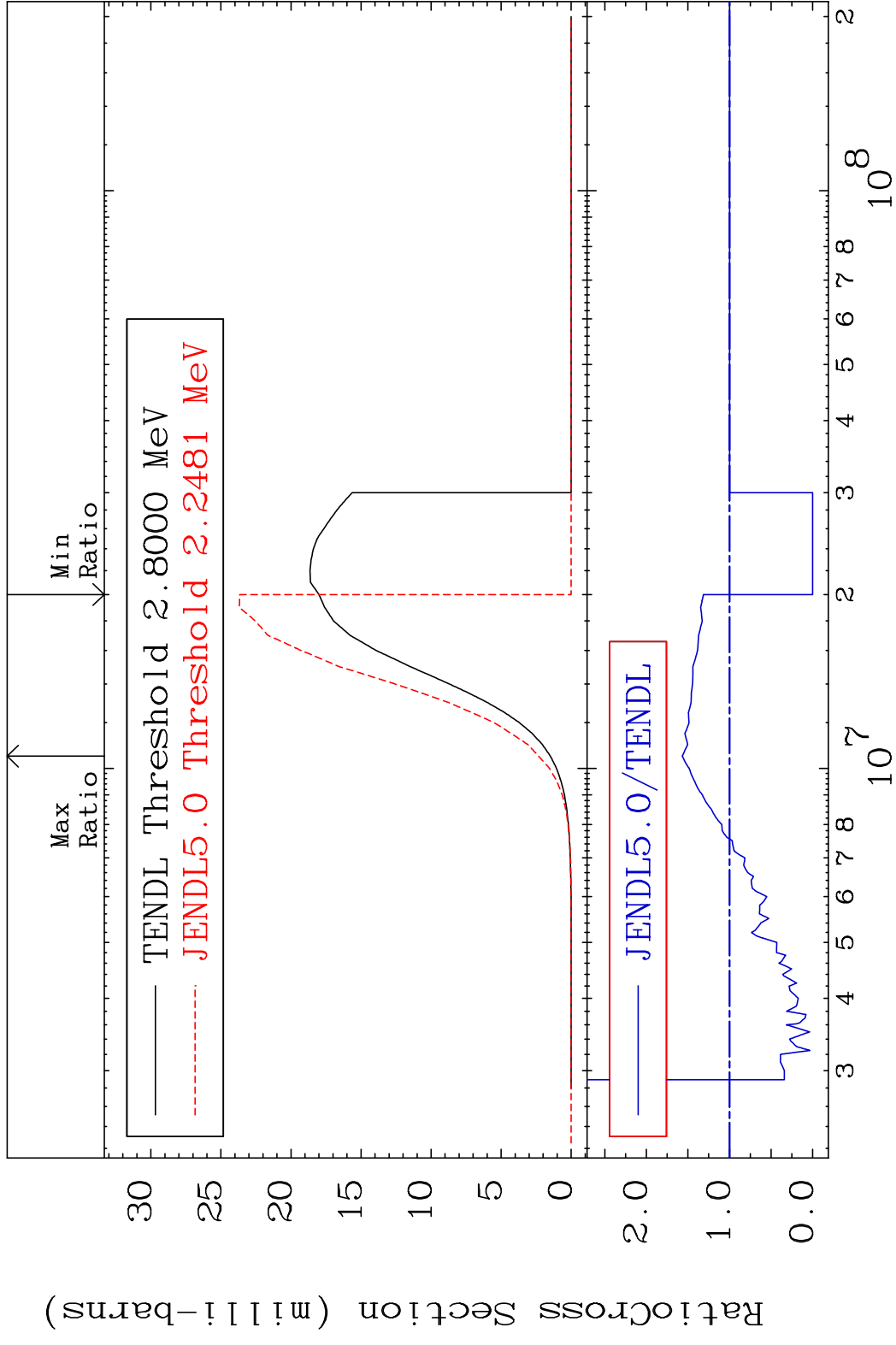
MAT 4837 (n, n') p:47-Ag-109m1 48-Cd-110
 Radionuclide Production Cross Section Ratio 2306. %



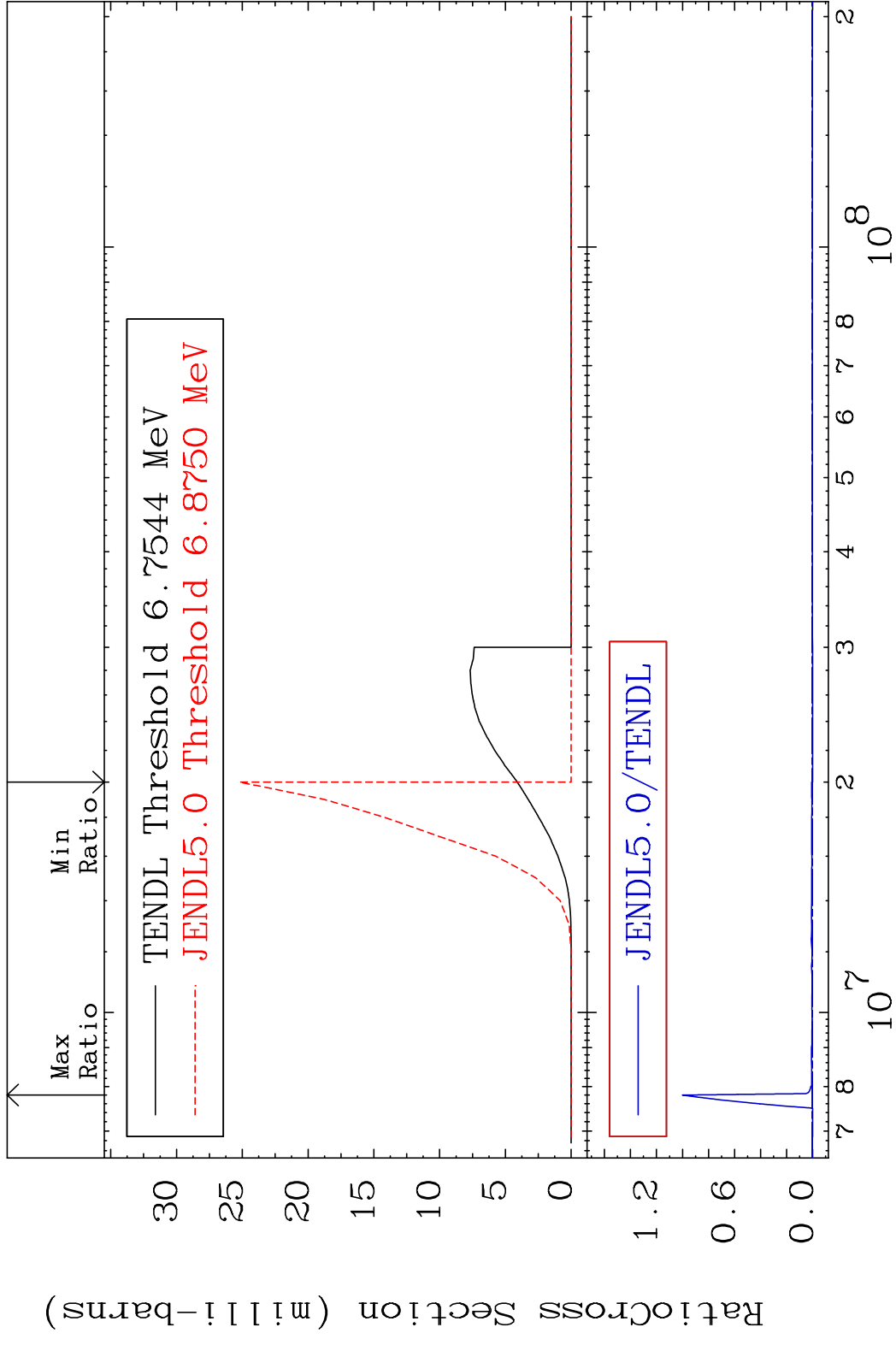
49 Incident Energy (eV) 48-Cd-110

MAT 4837 (n,p):47-Ag-110g 48-Cd-110
 Radionuclide Production Cross Section 63.90 %





MAT 4837 (n,d):47-Ag-109g 48-Cd-110
 Radionuclide Production Cross Section Ratio



MAT 4837 (n, d): 47-Ag-109m1 48-Cd-110
 Radionuclide Production Cross Section Ratio 6914. %

