

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

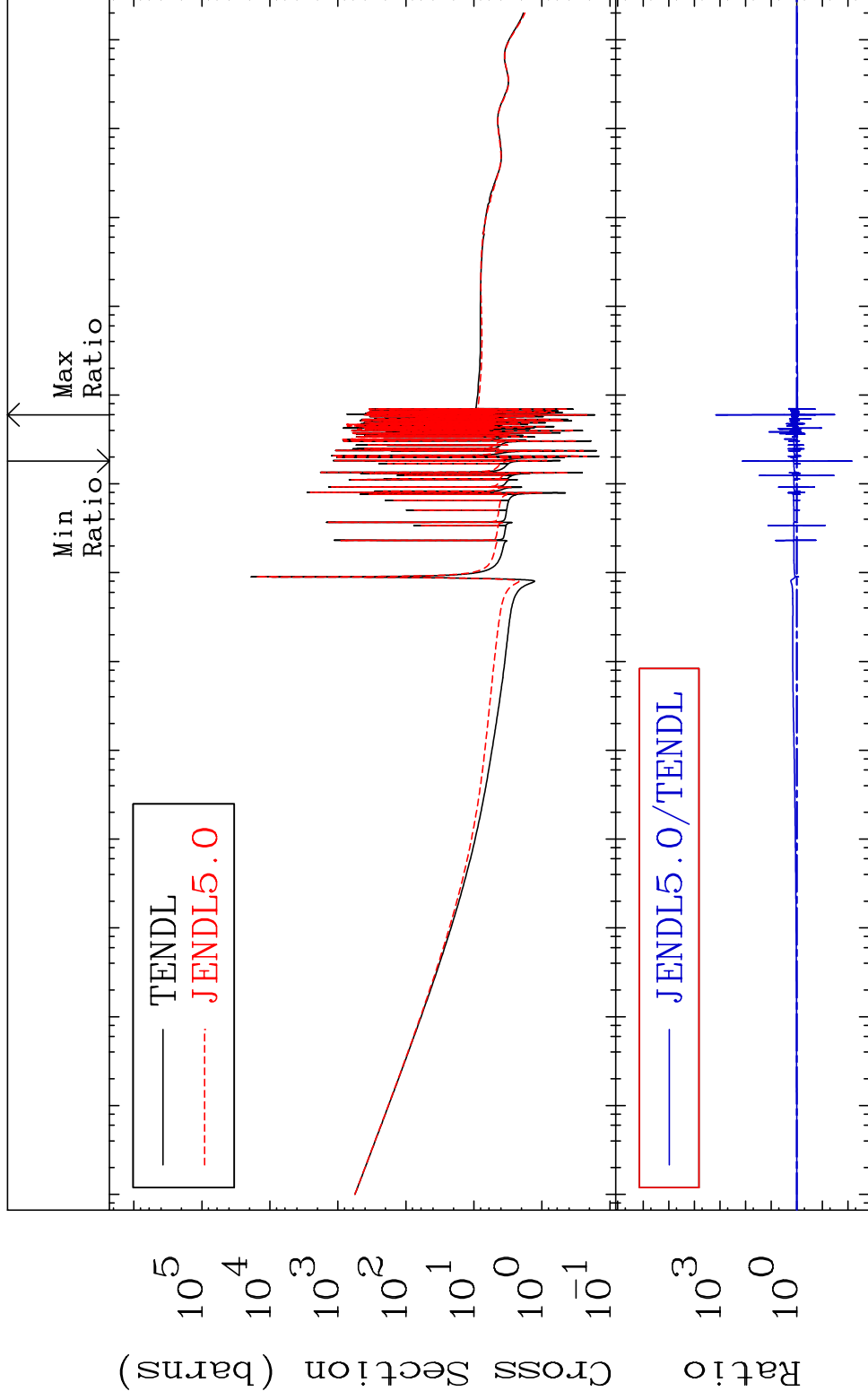
MAT 4837

Total

48-Cd-110

Cross Section

-99.32 To 9999. %



1

Incident Energy (eV)

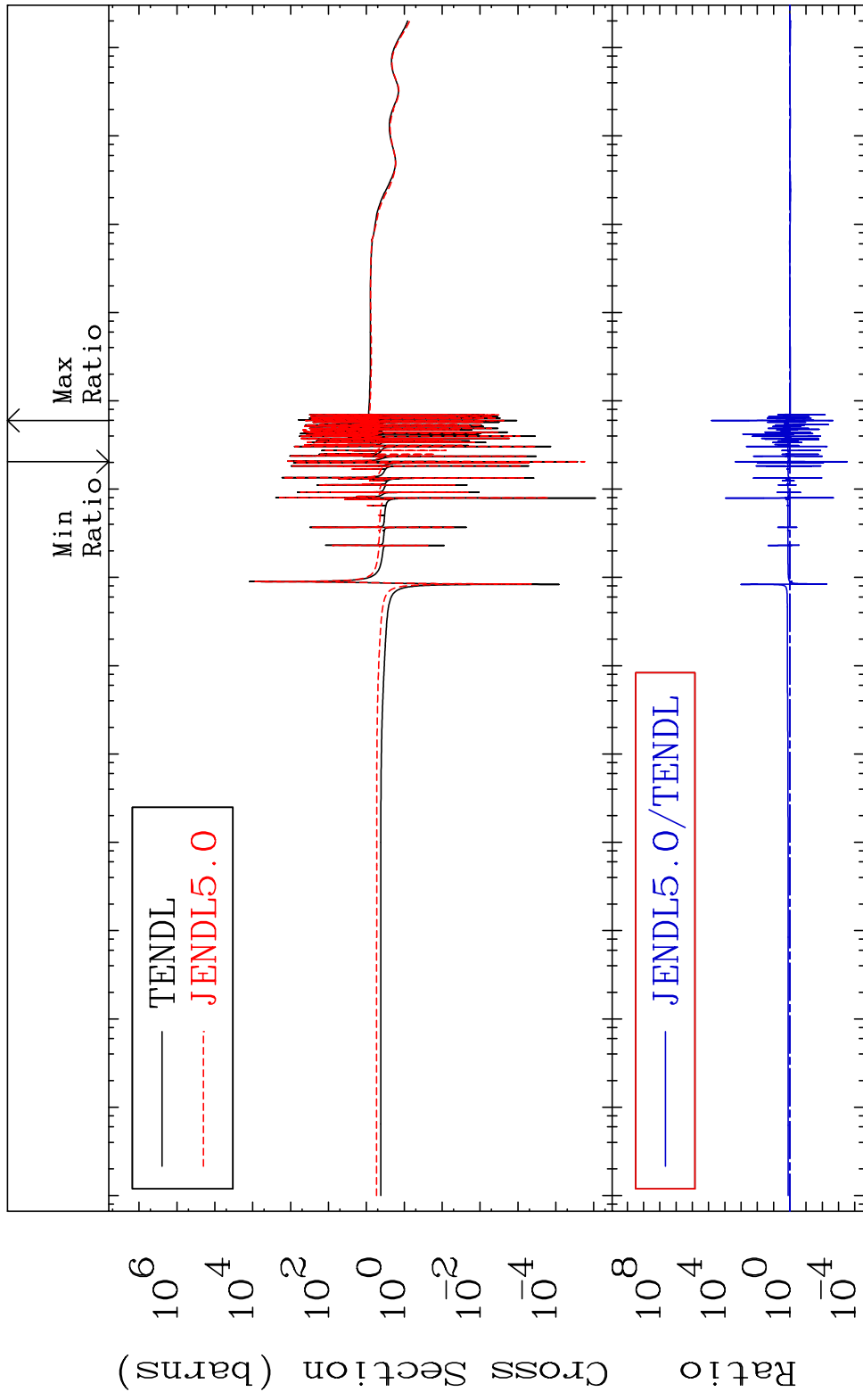
48-Cd-110

MAT 4837

Elastic

48-Cd-110

Cross Section -99.97 To 9999. %

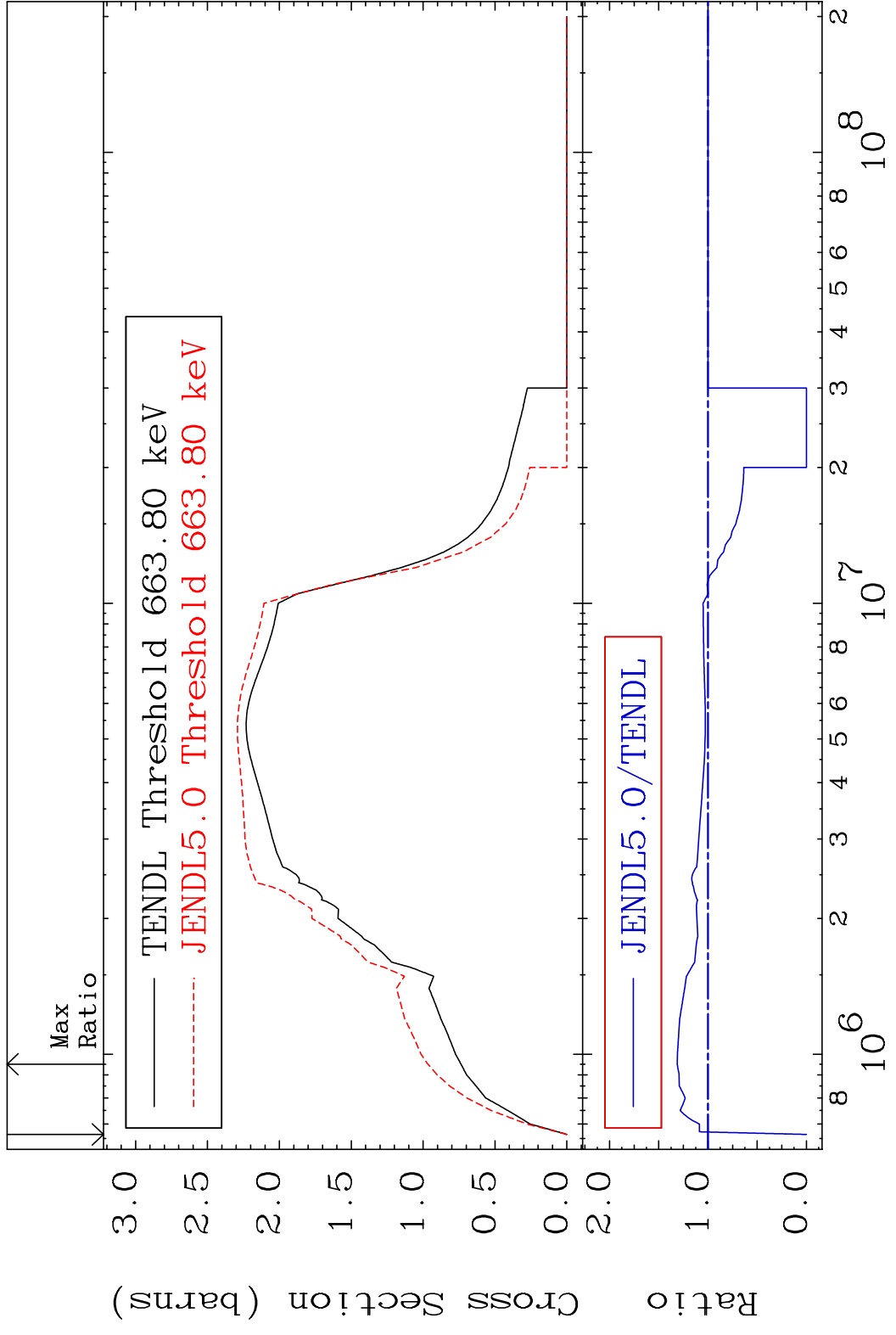


2

Incident Energy (eV)

48-Cd-110

MAT 4837 Inelastic 48-Cd-110  
 Cross Section -100.0 To 31.28 %



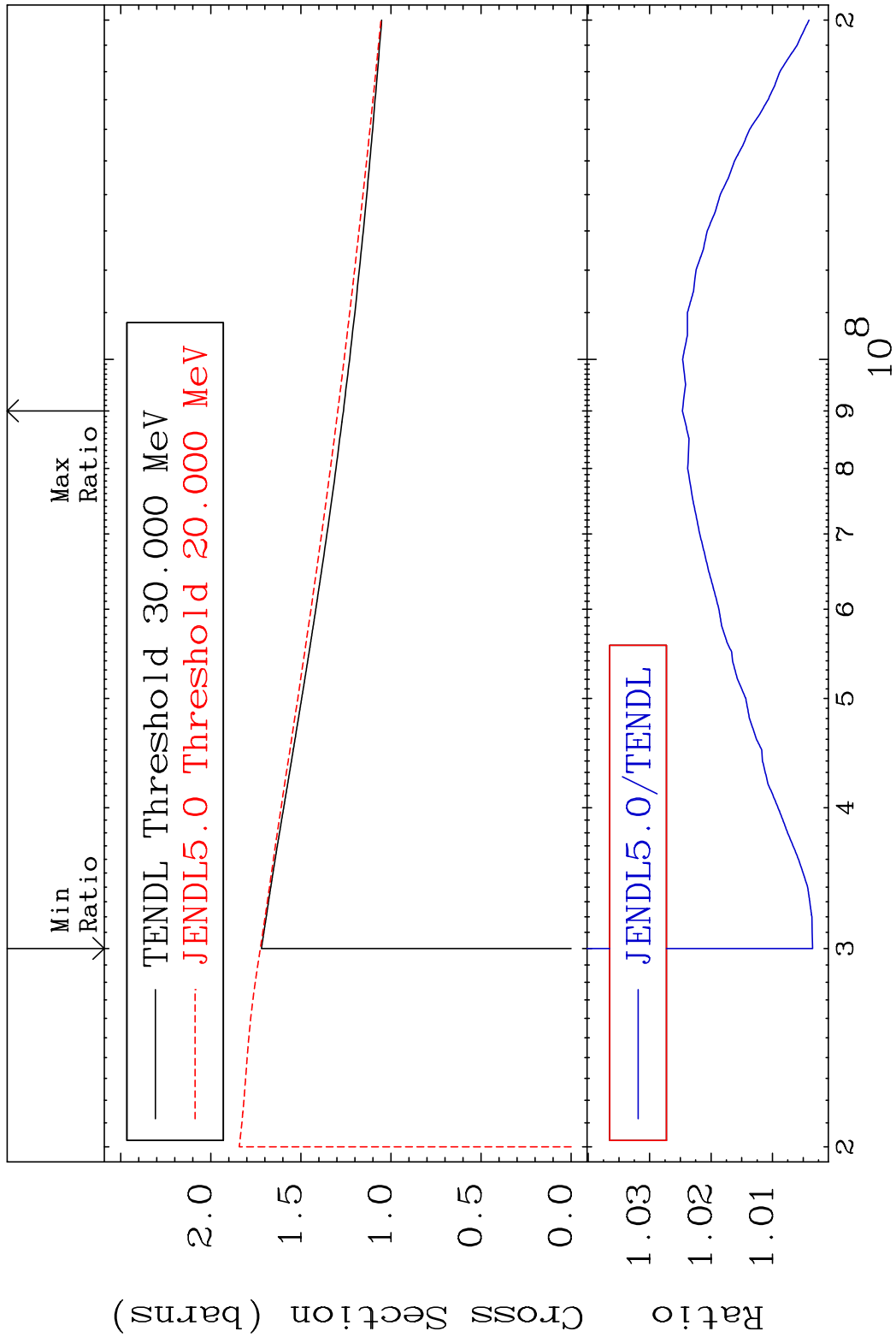
3 Incident Energy (eV) 48-Cd-110

MAT 4837

(n, remainder)

48-Cd-110

Cross Section 0.347 To 2.467 %

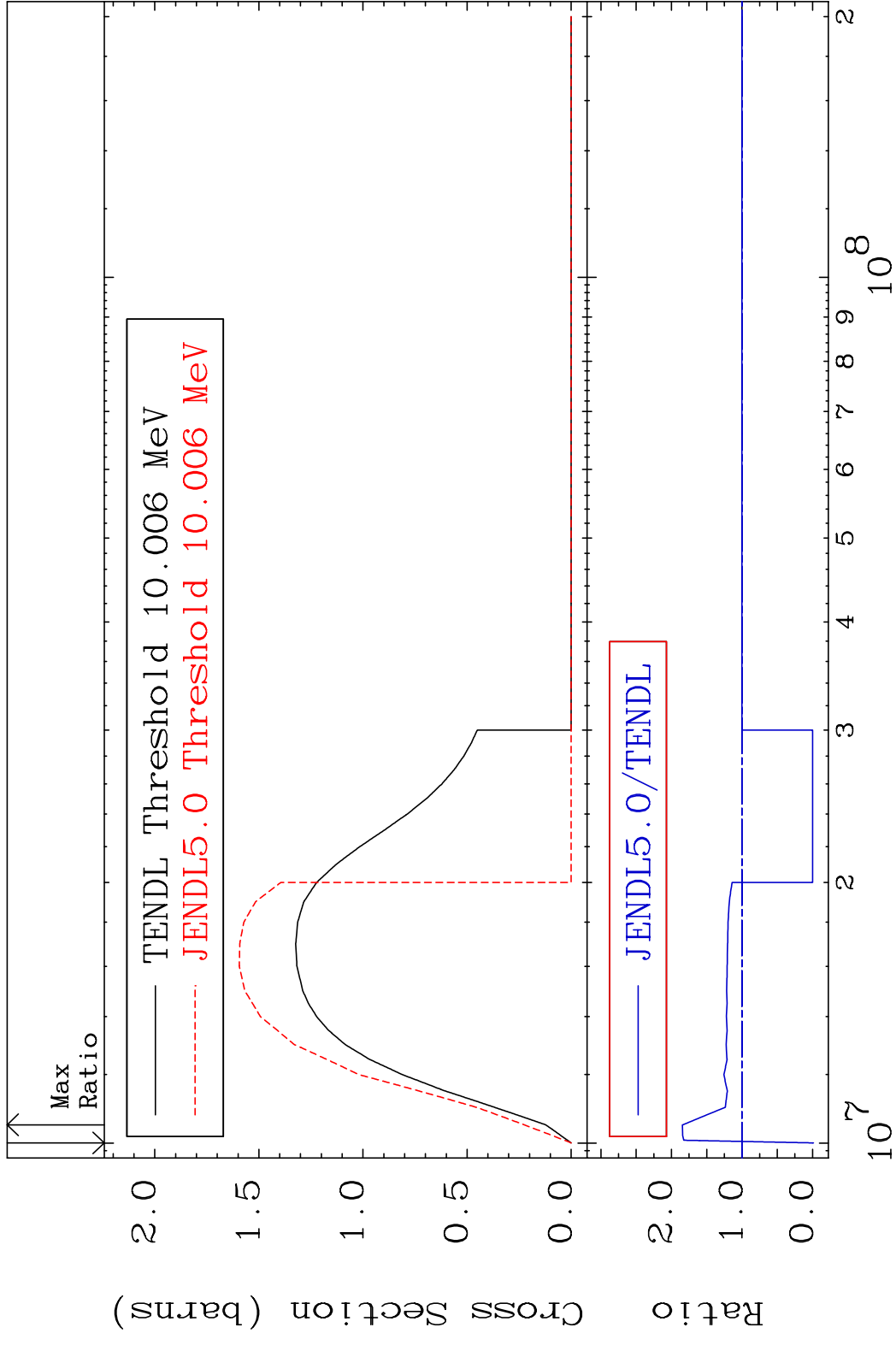


4

Incident Energy (eV)

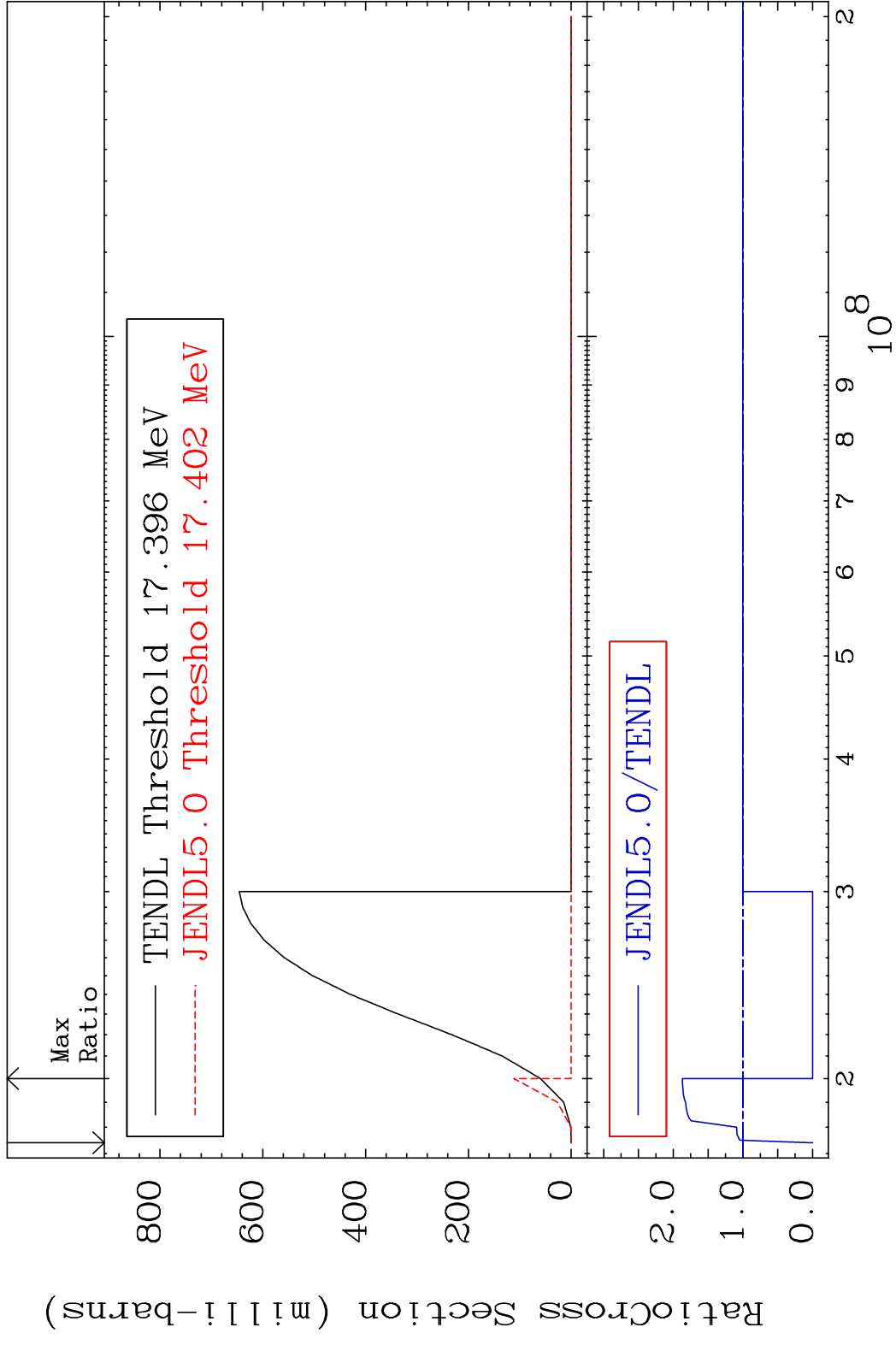
48-Cd-110

MAT 4837 (n,2n) 48-Cd-110  
 Cross Section -100.0 To 84.51 %

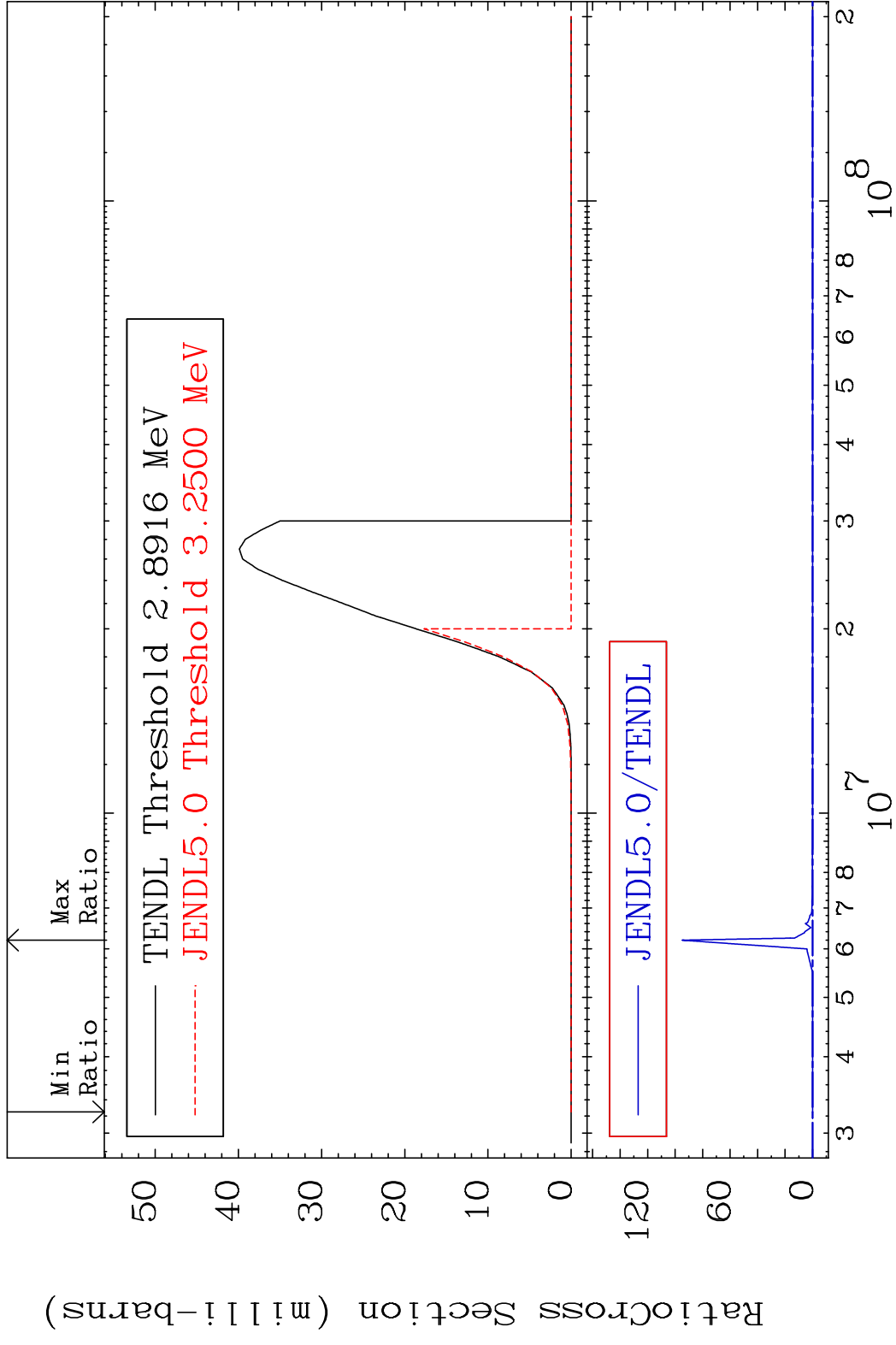


5 Incident Energy (eV) 48-Cd-110

MAT 4837 (n,3n) 48-Cd-110  
 Cross Section -100.0 To 86.95 %



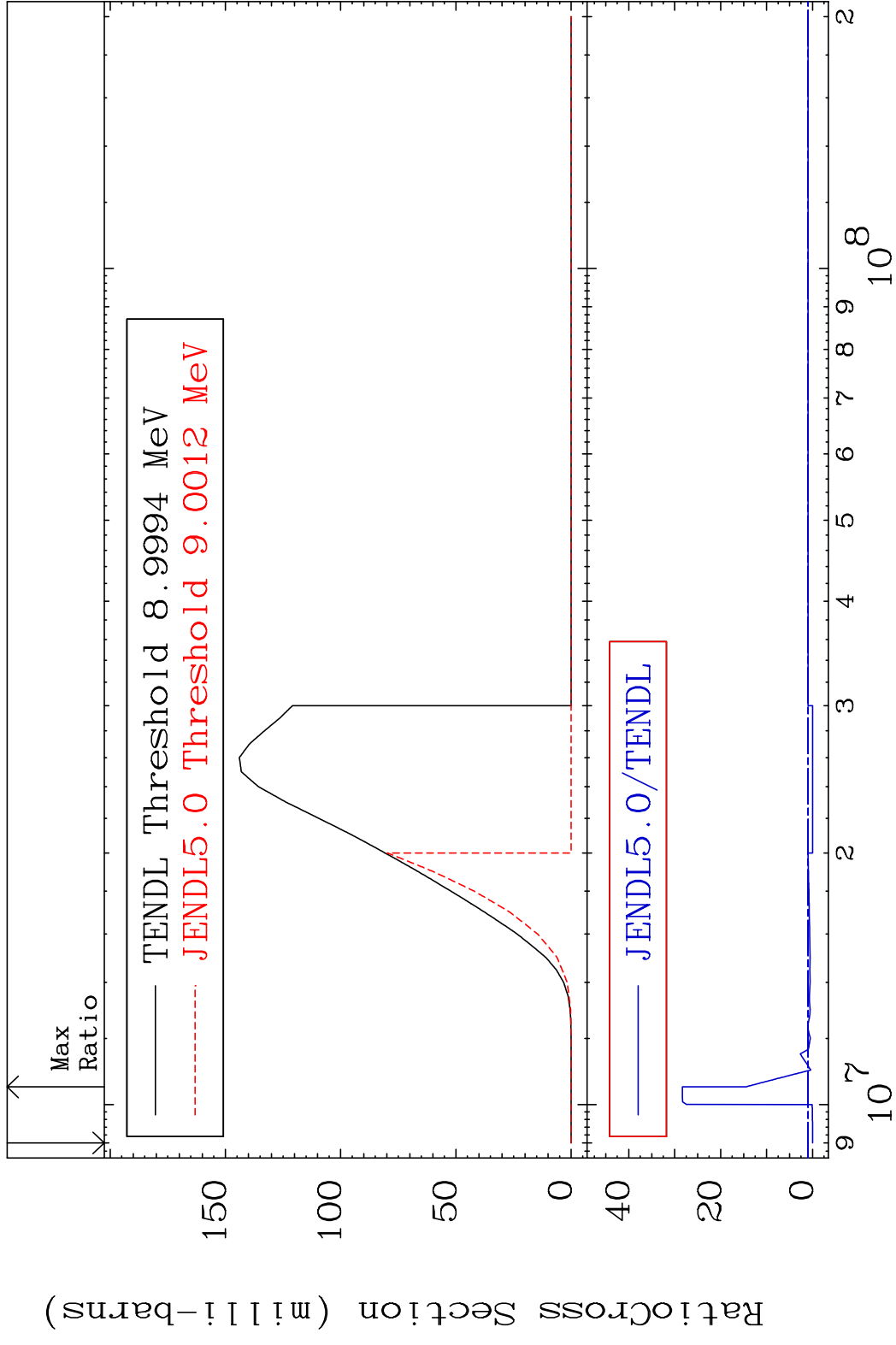
MAT 4837 (n, n')  $\alpha$  48-Cd-110  
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 48-Cd-110

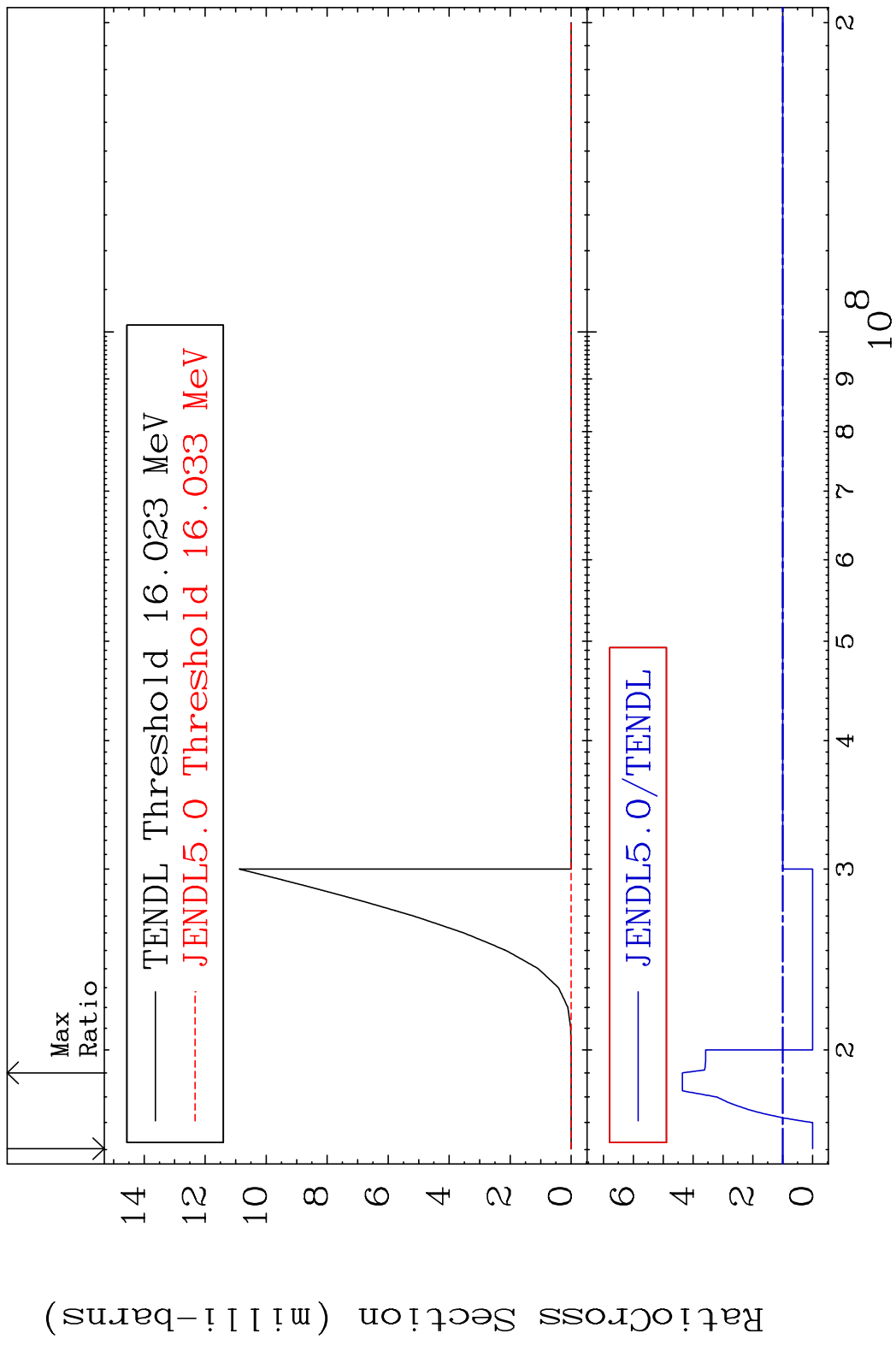


MAT 4837 (n, n') p 48-Cd-110  
 Cross Section -100.0 To 2734. %

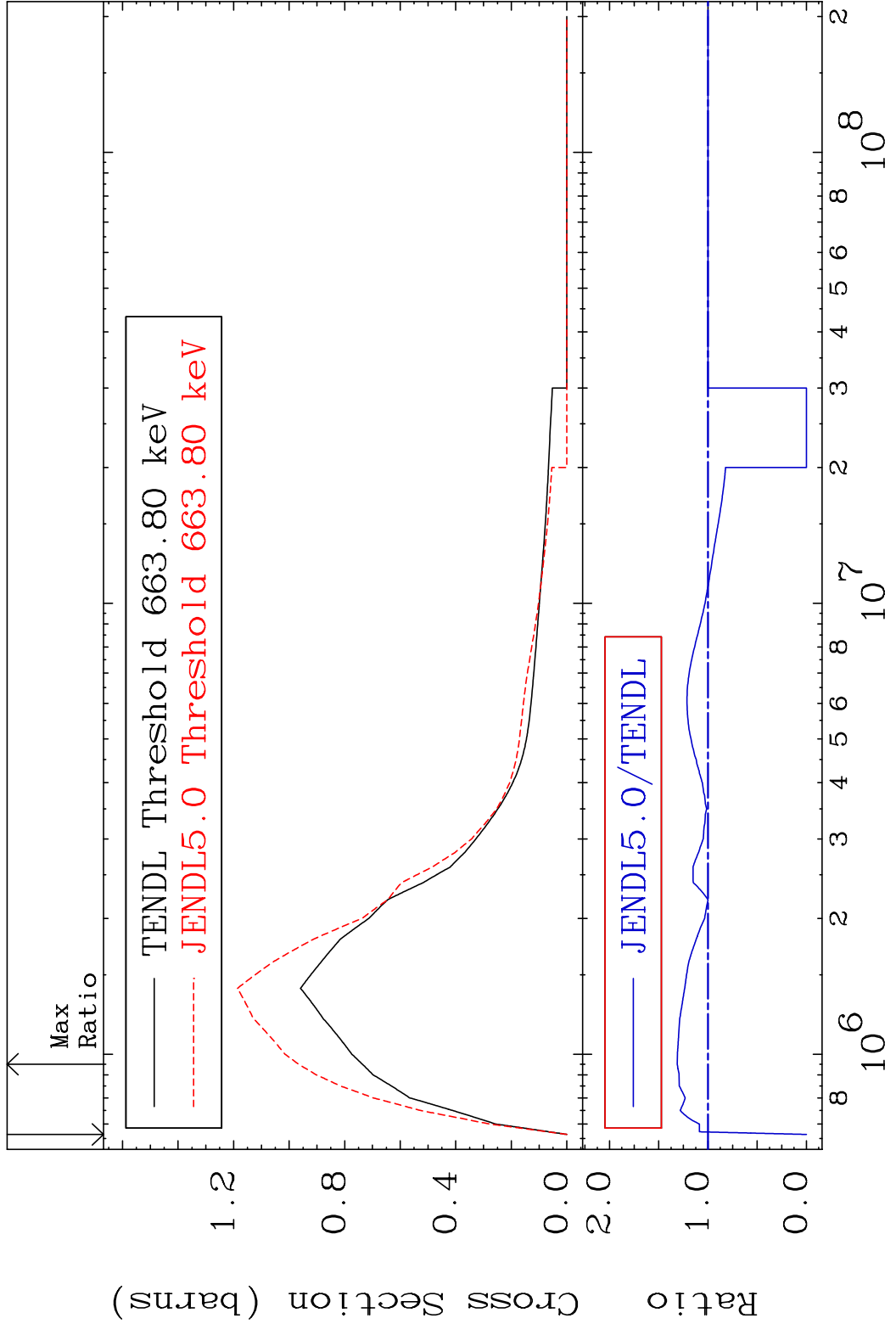


8 9 10<sup>7</sup> 10<sup>8</sup> 2 48-Cd-110

MAT 4837 (n, n') d 48-Cd-110  
 Cross Section -100.0 To 335.7 %

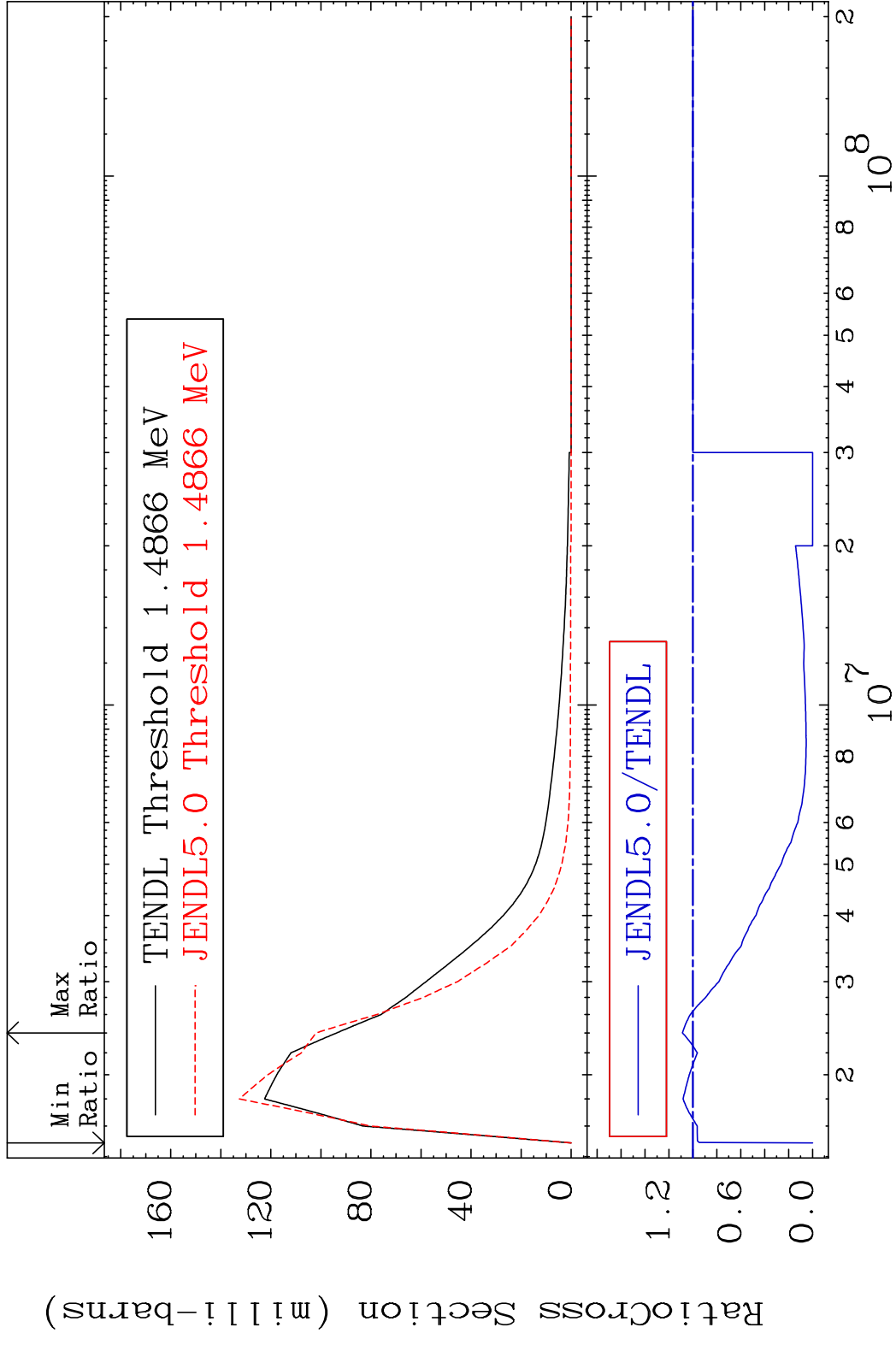


MAT 4837 MT= 51 (n,n') Level 48-Cd-110  
 Cross Section -100.0 To 31.28 %

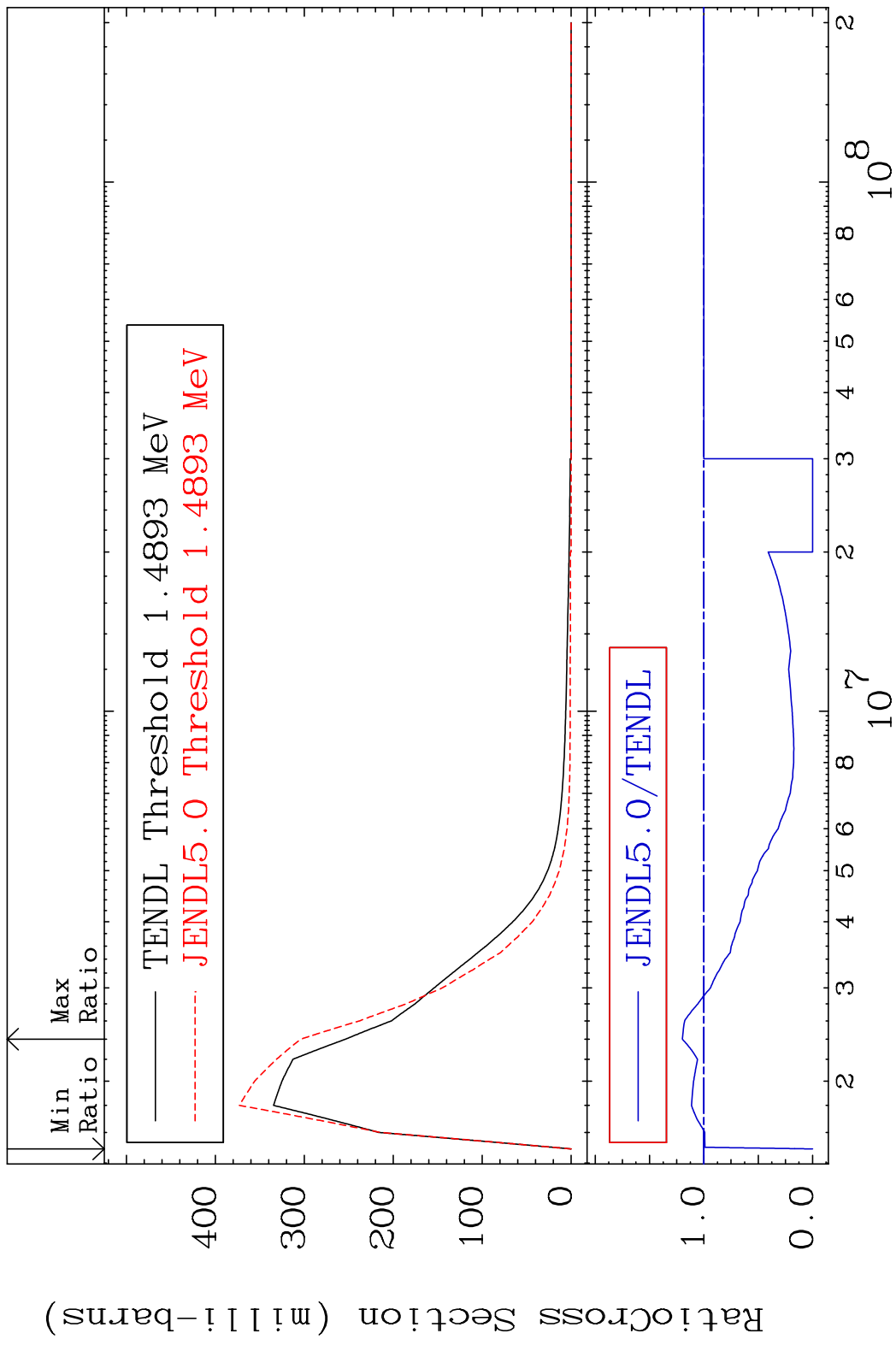


10 8 6 2 2 3 4 5 6 8 10 8 2

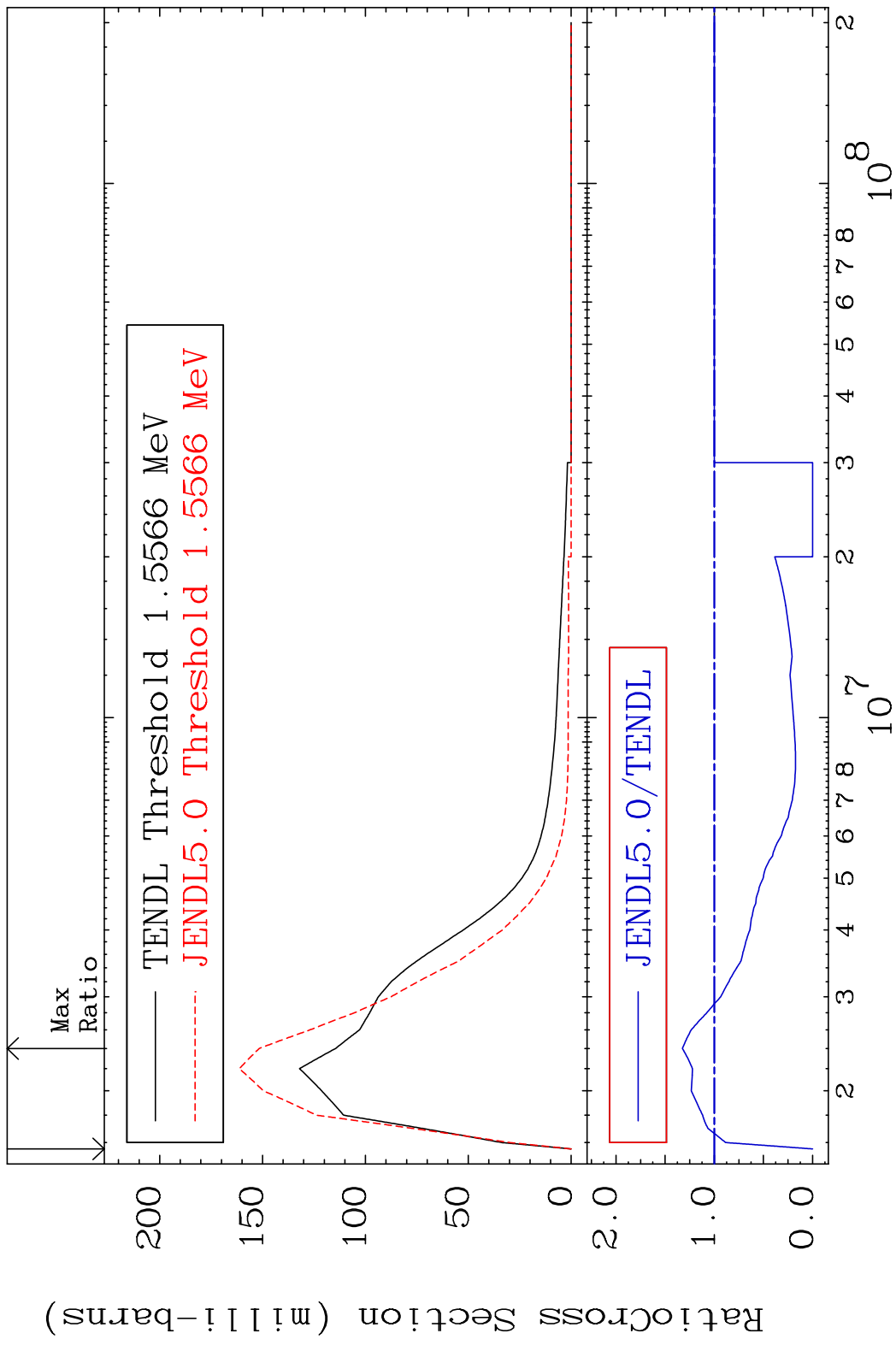
MAT 4837 MT= 52 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 8.806 %



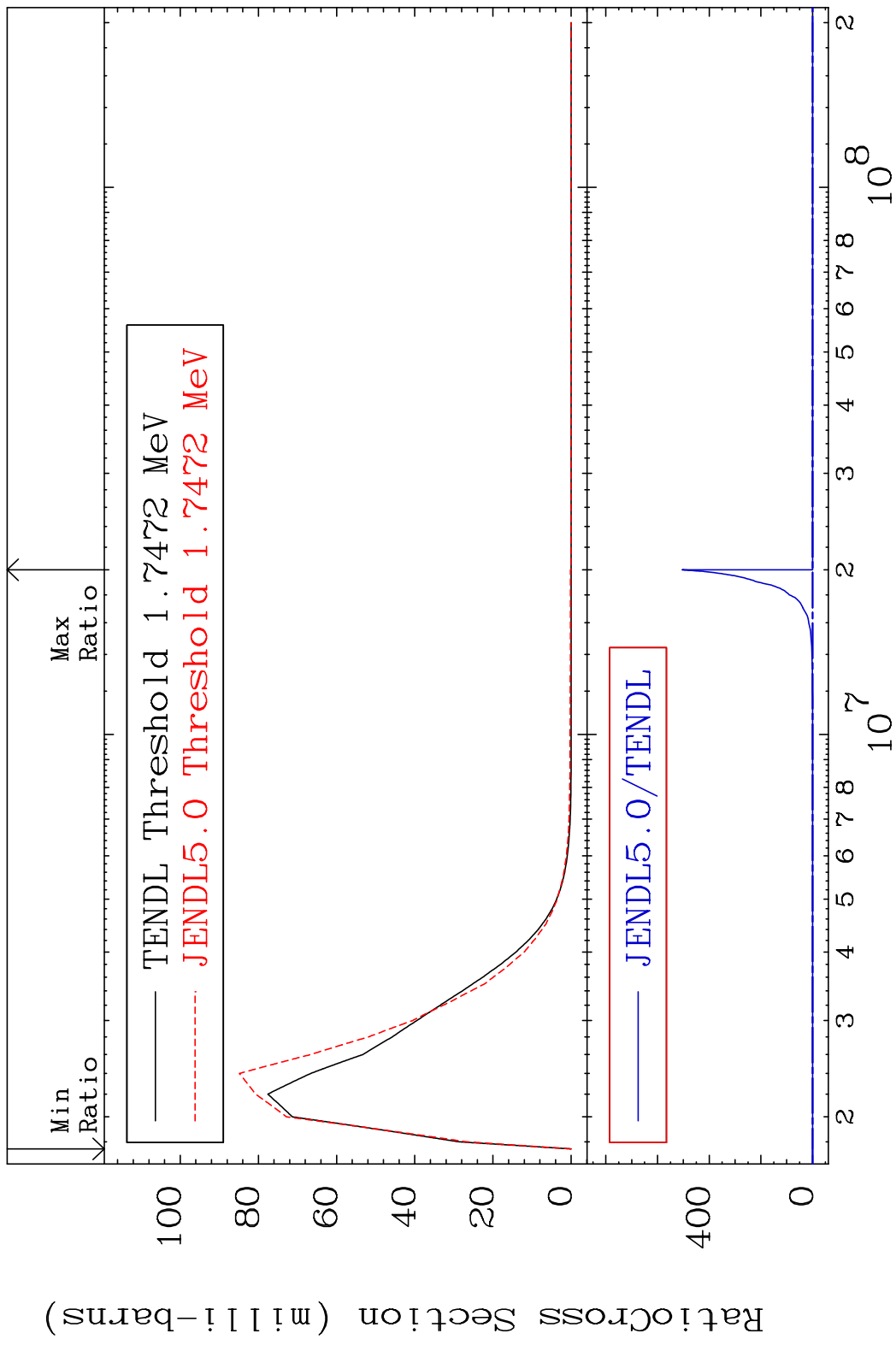
MAT 4837 MT= 53 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 19.81 %



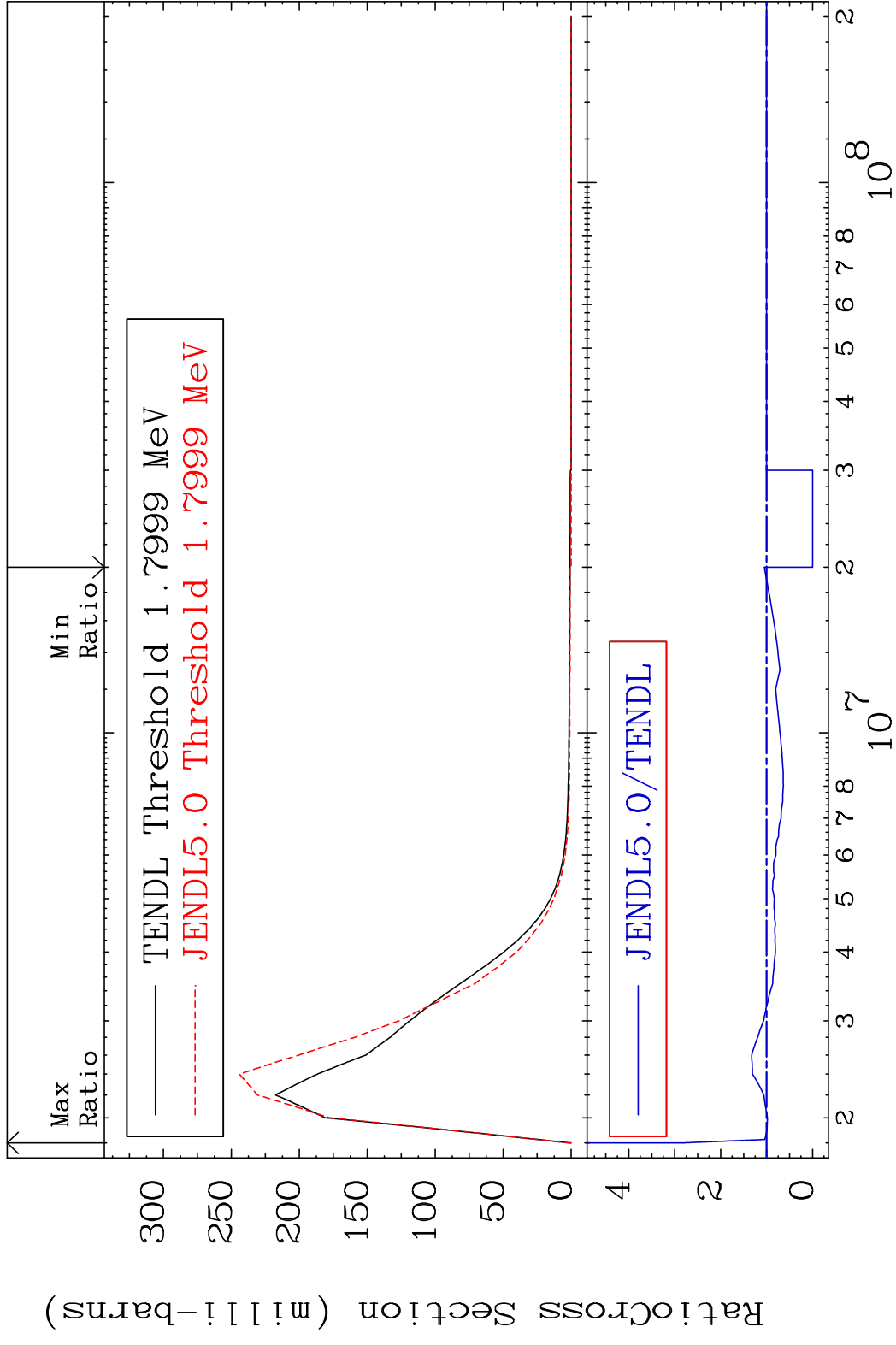
MAT 4837 MT= 54 (n,n') Level 48-Cd-110  
 Cross Section -100.0 To 32.47 %



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

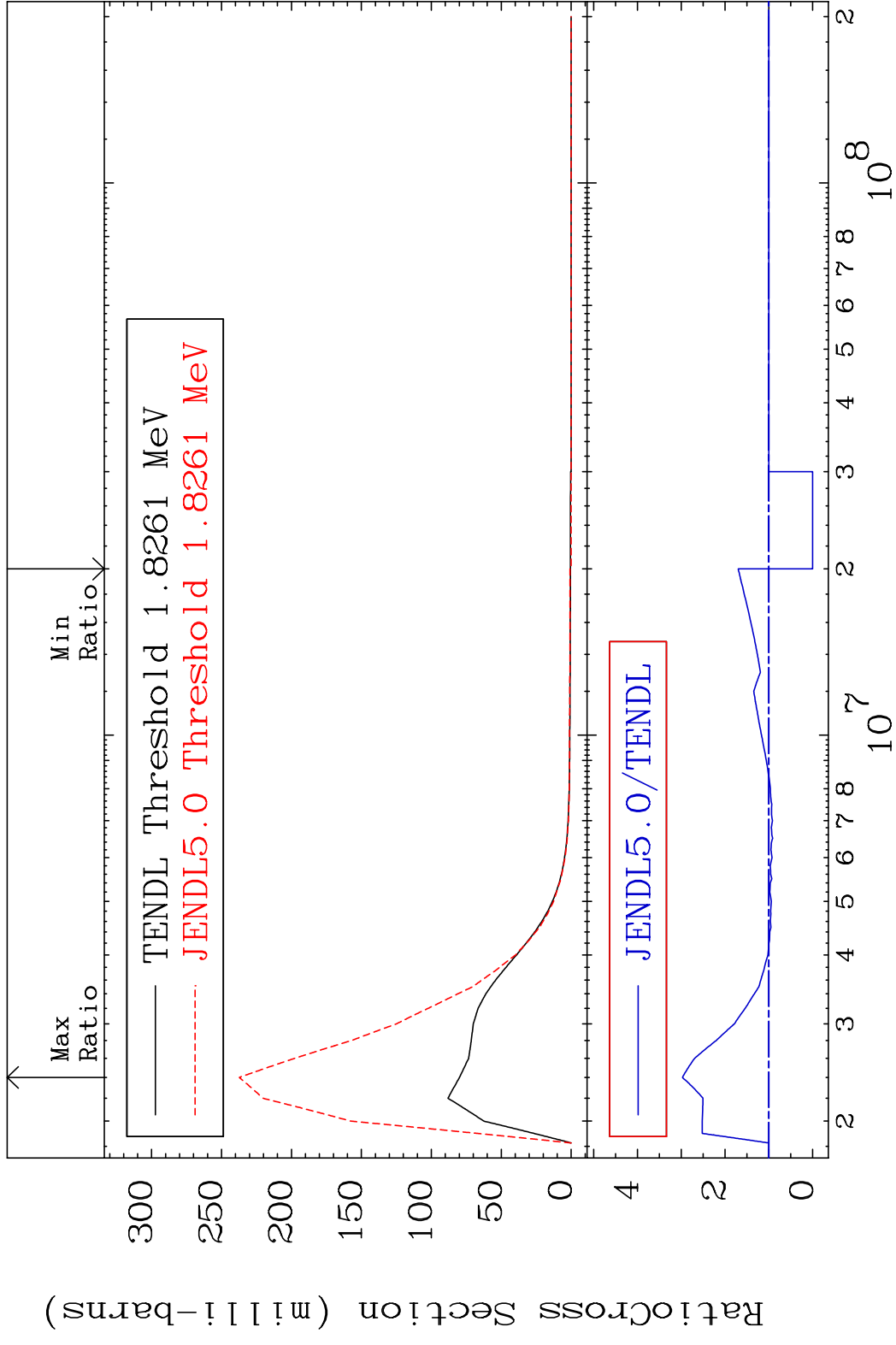


MAT 4837 MT= 56 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 183.4 %

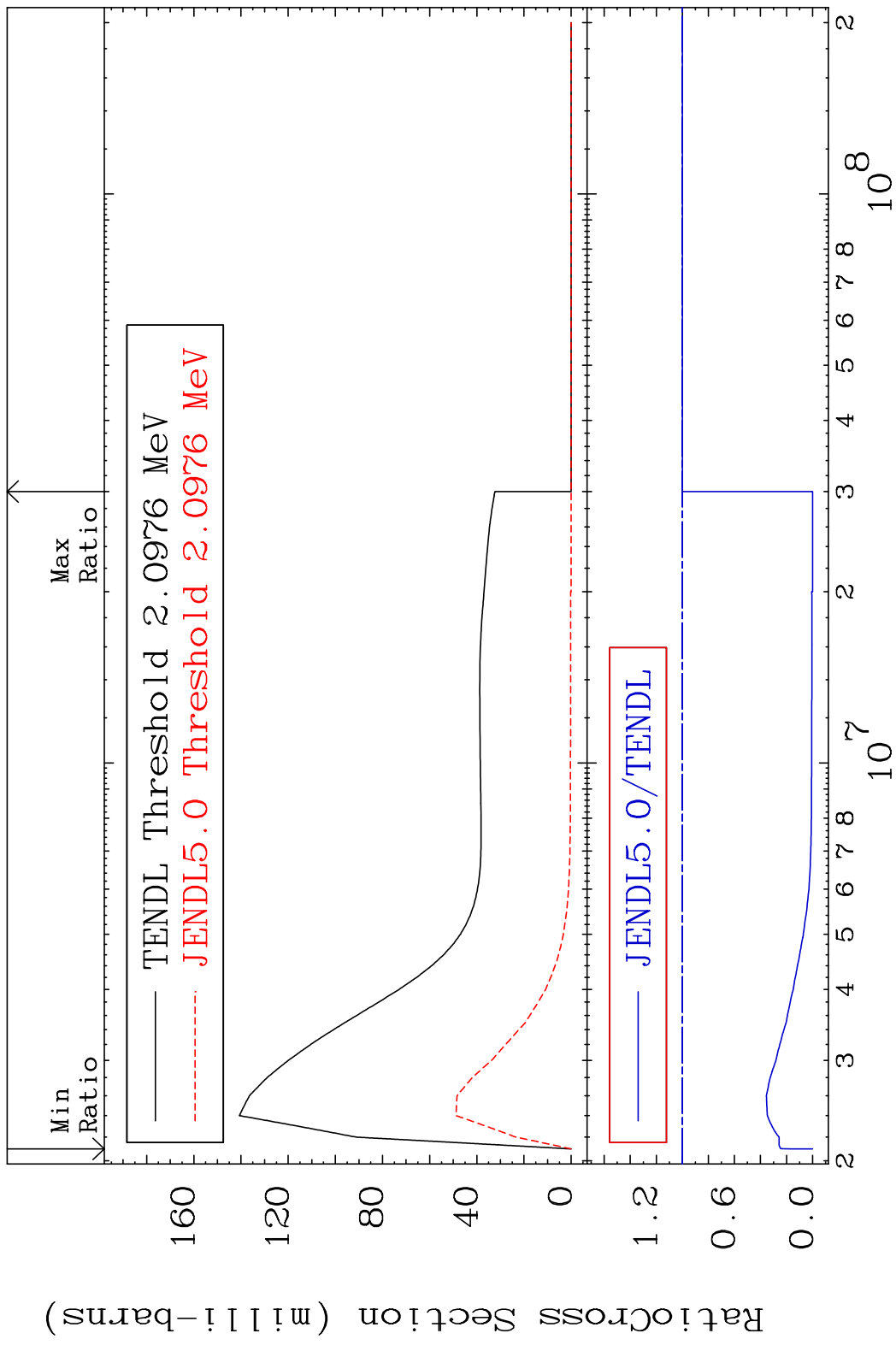




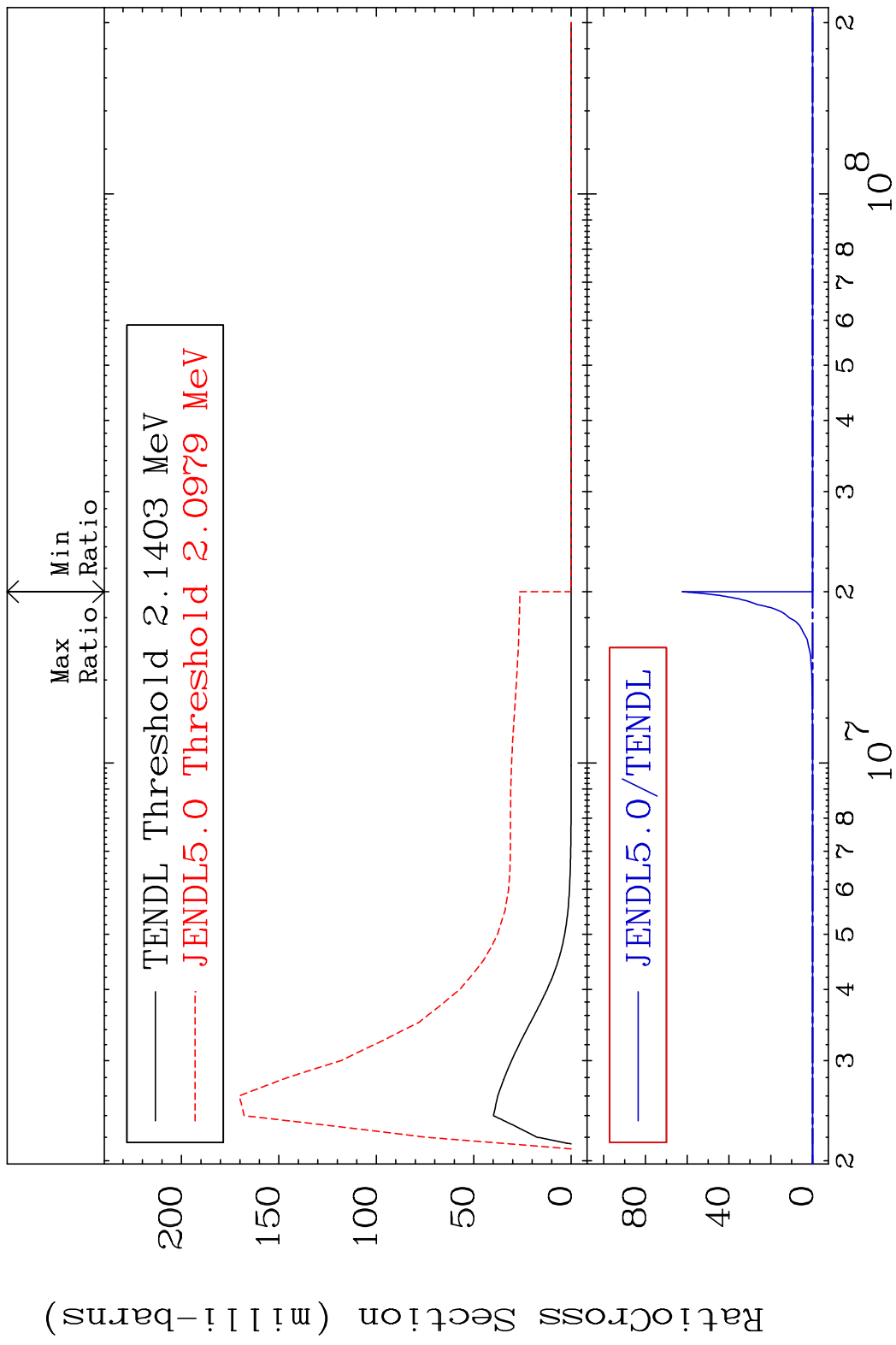
MAT 4837 MT= 57 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 197.3 %



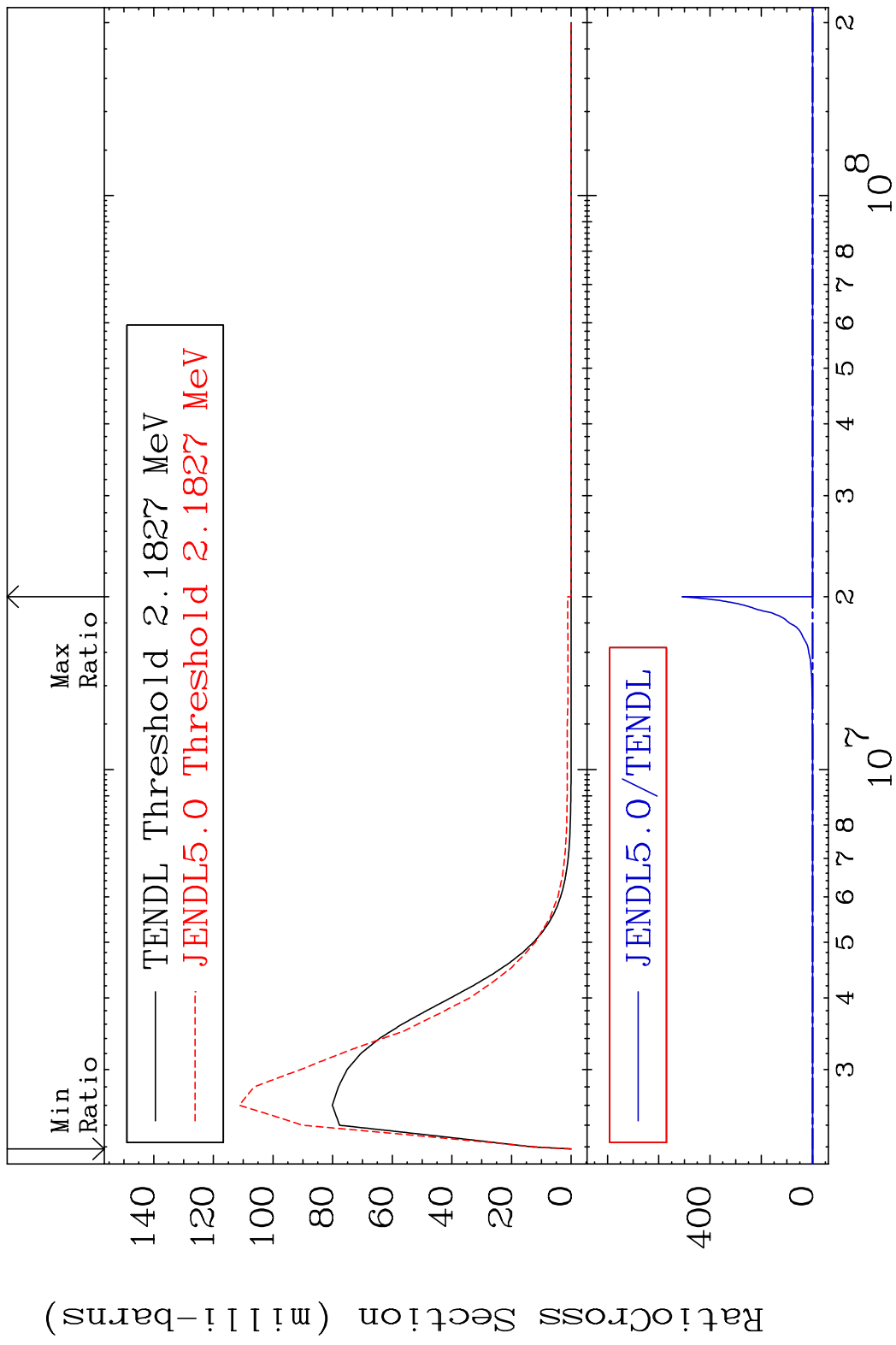
MAT 4837 MT= 58 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 0.000 %



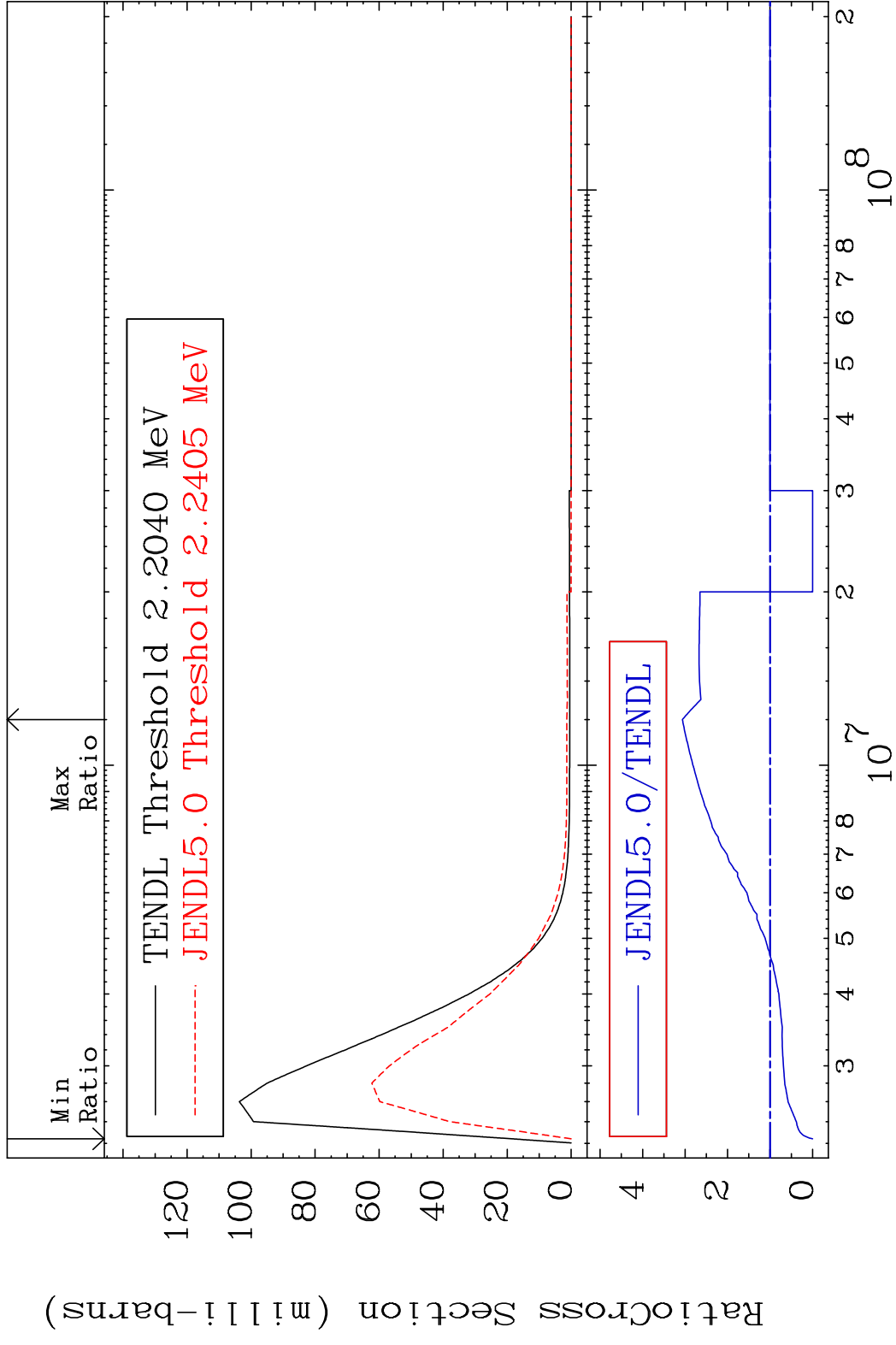
MAT 4837 MT= 59 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



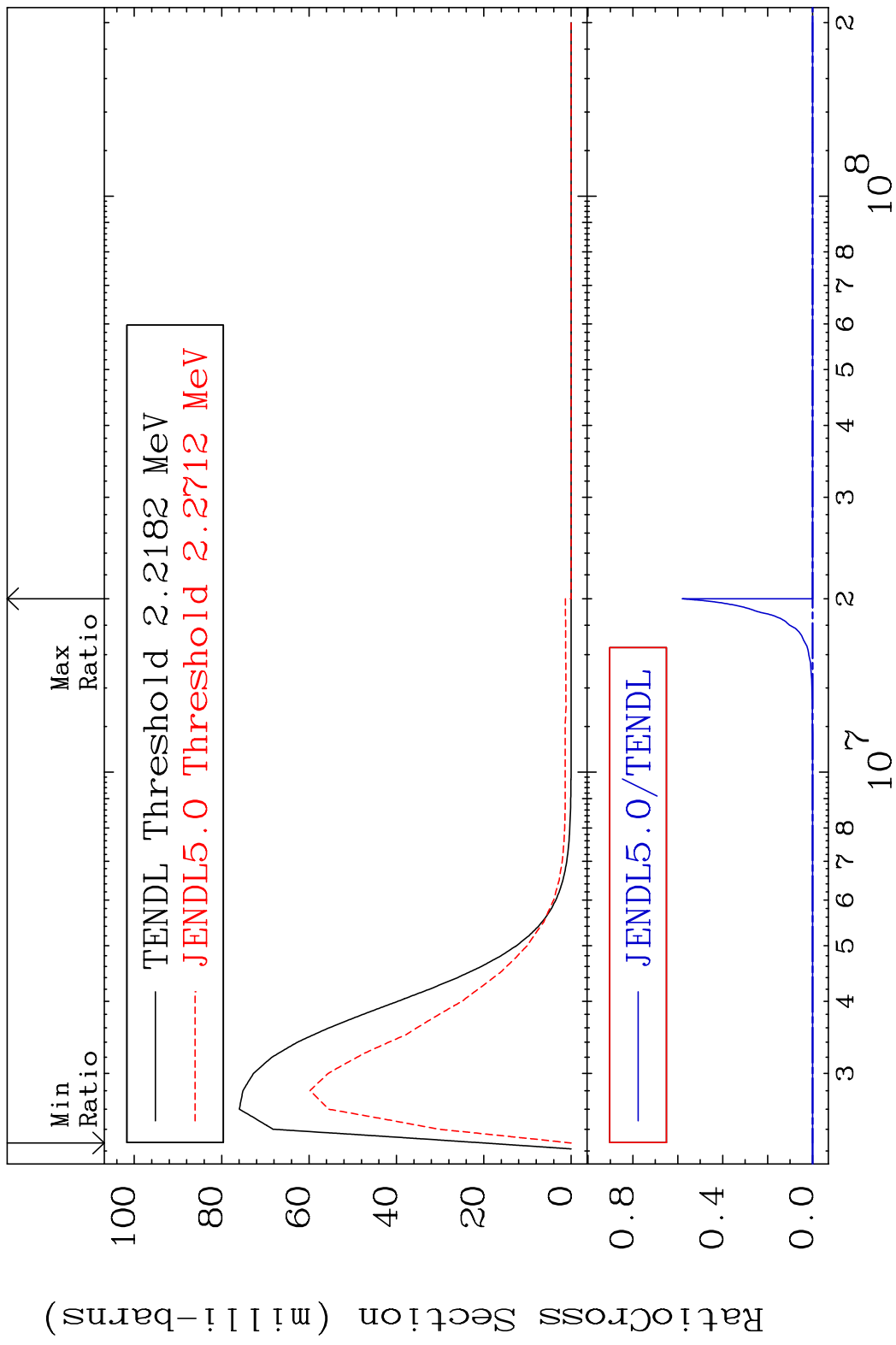
MAT 4837 MT= 60 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



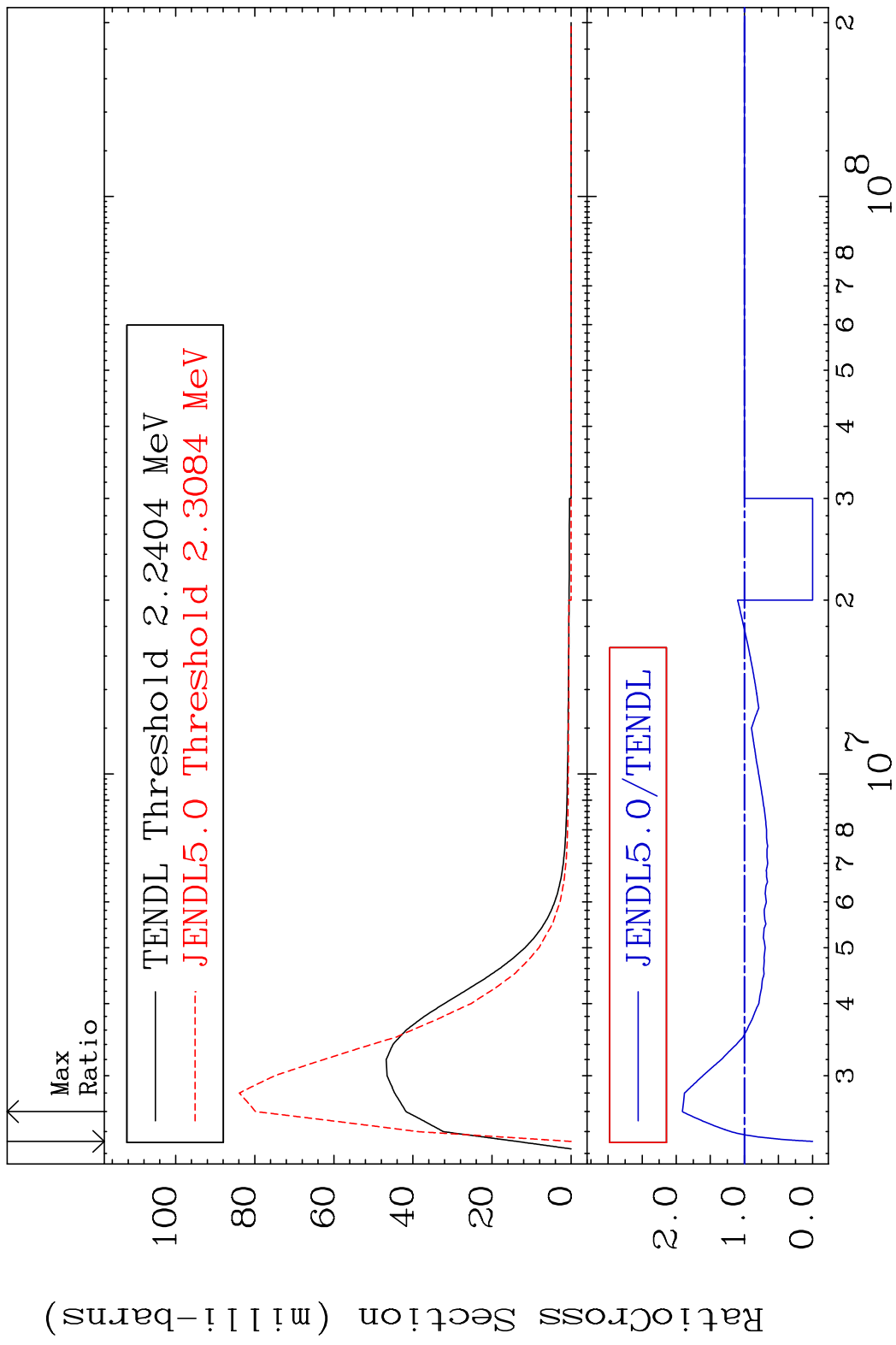
MAT 4837 MT= 61 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 206.5 %



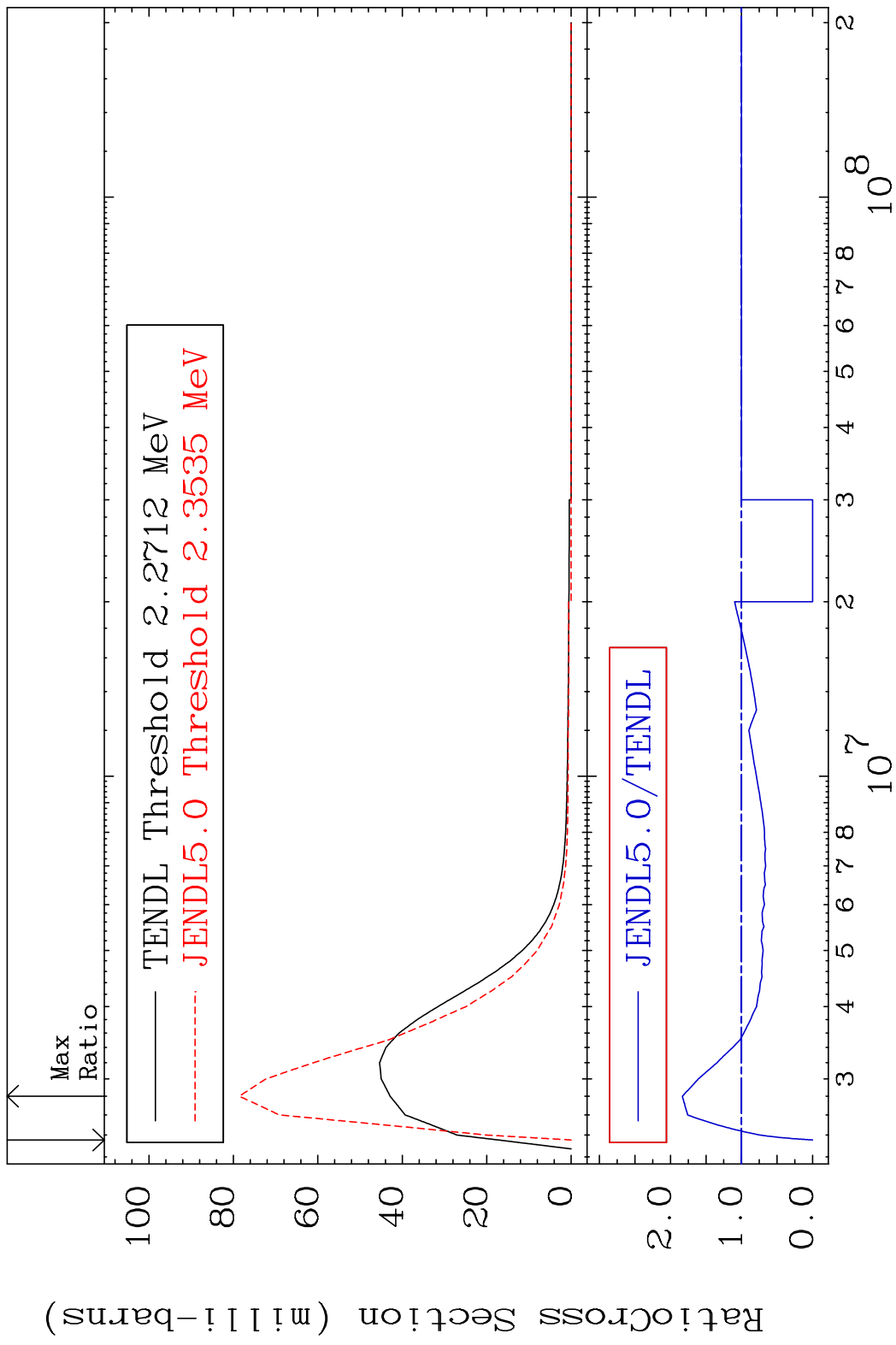
MAT 4837 MT= 62 (n, n') Level 48-Cd-110  
 Cross Section -100.0 To 9999. %



MAT 4837 MT= 63 (n,n') Level 48-Cd-110  
 Cross Section -100.0 To 91.03 %

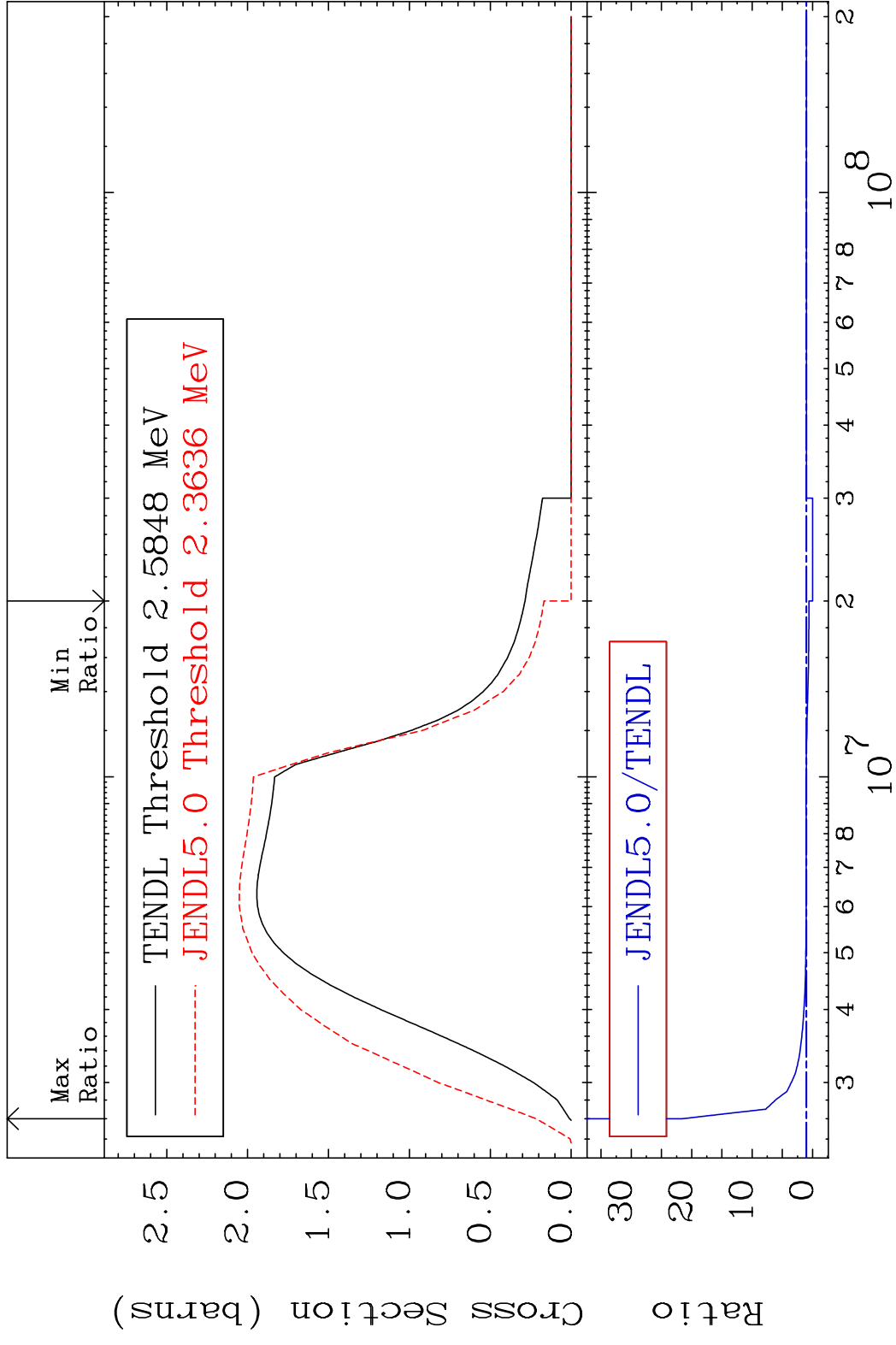


MAT 4837 MT= 64 (n,n') Level 48-Cd-110  
 Cross Section -100.0 To 83.29 %





MAT 4837 (n,n') Continuum 48-Cd-110  
 Cross Section -100.0 To 2055. %

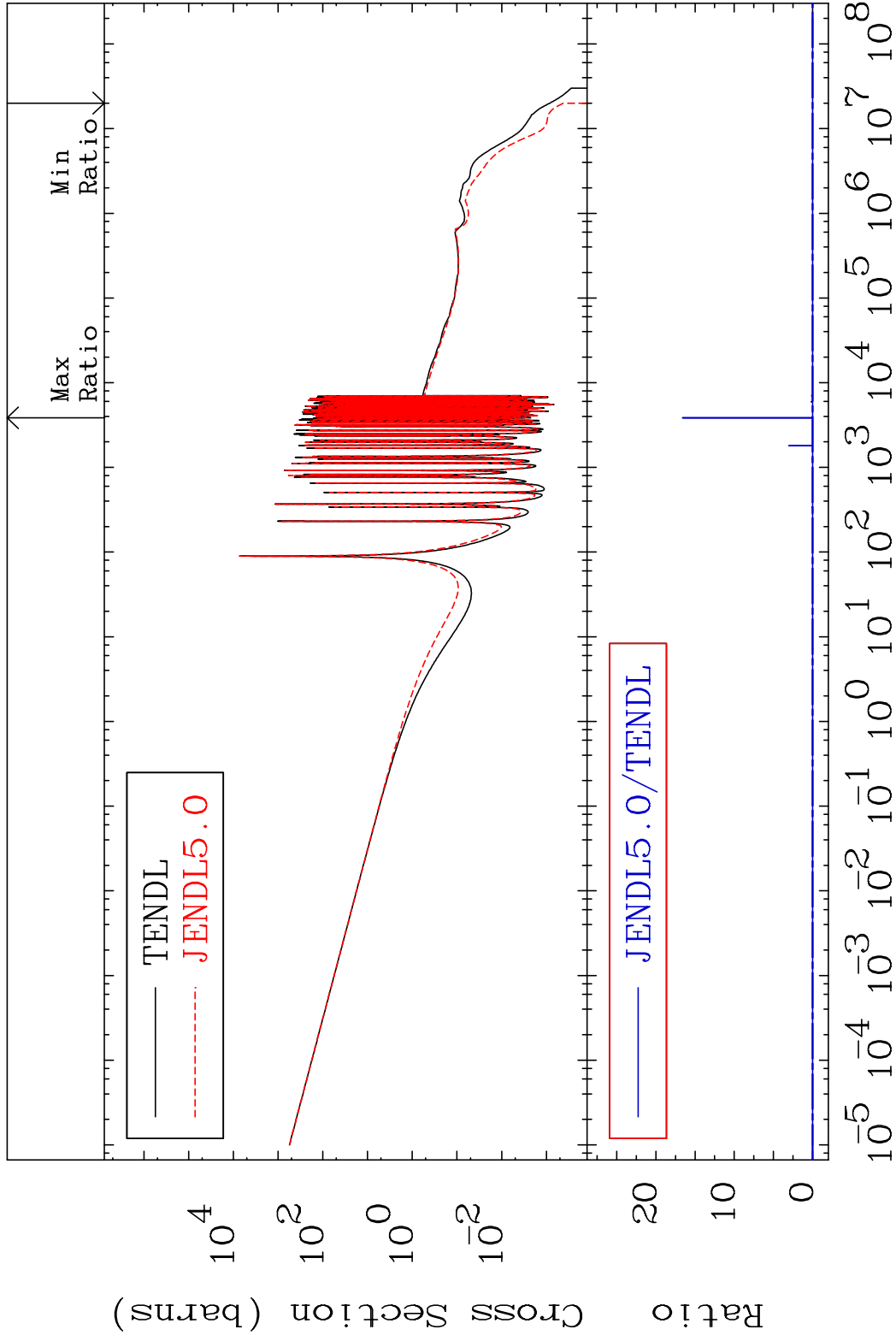


MAT 4837

(n,  $\gamma$ )

48-Cd-110

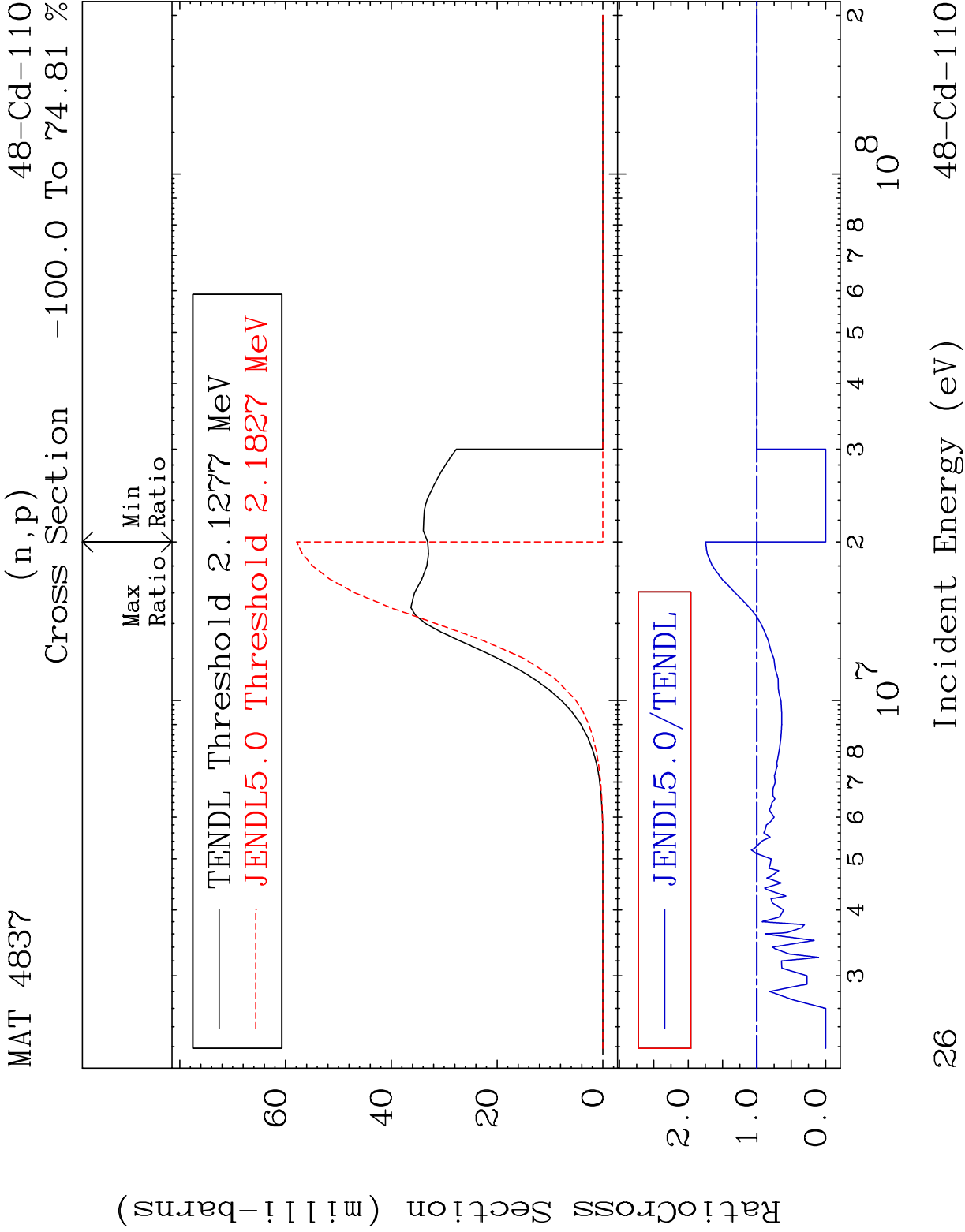
Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

48-Cd-110

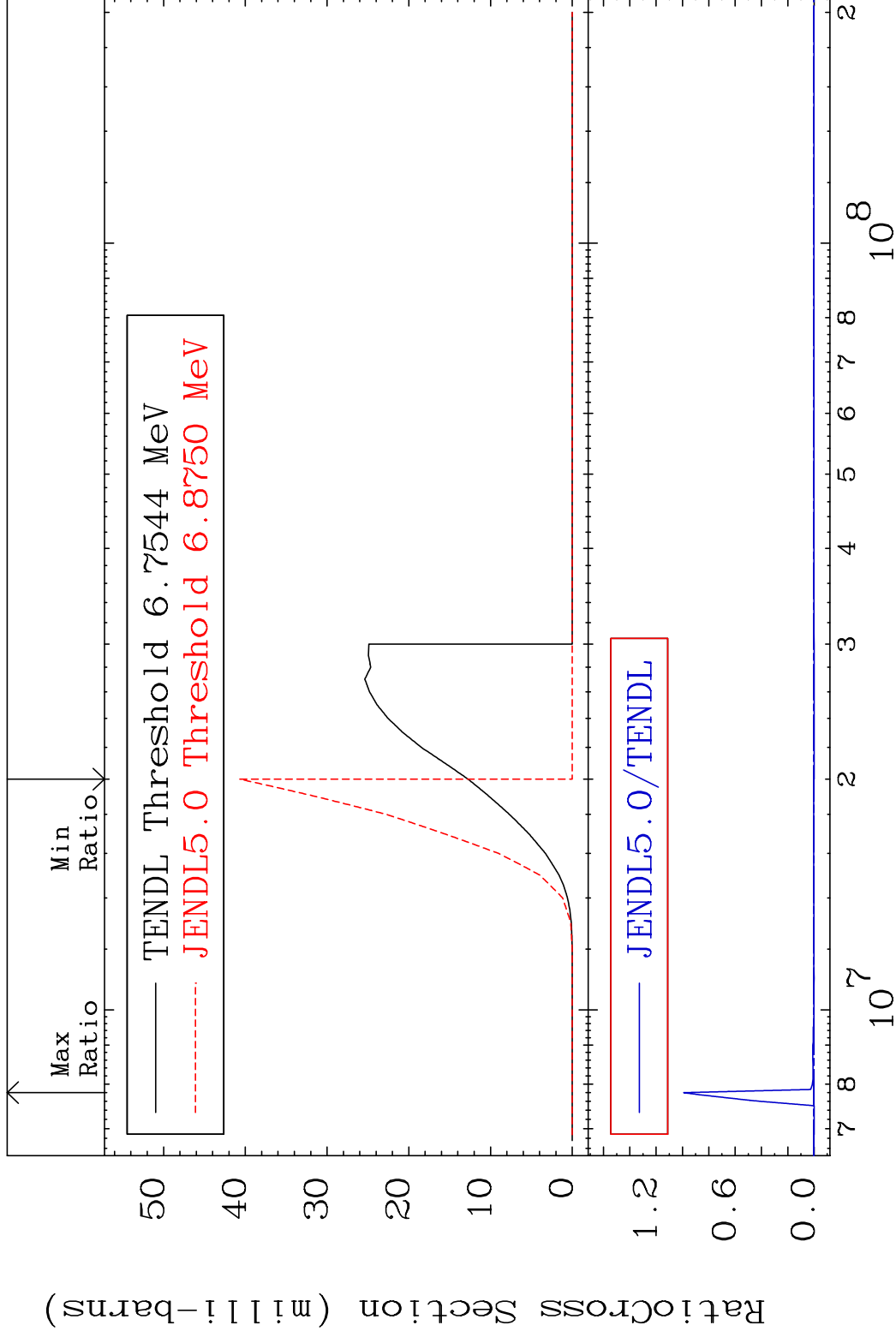


MAT 4837

(n,d)

48-Cd-110

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

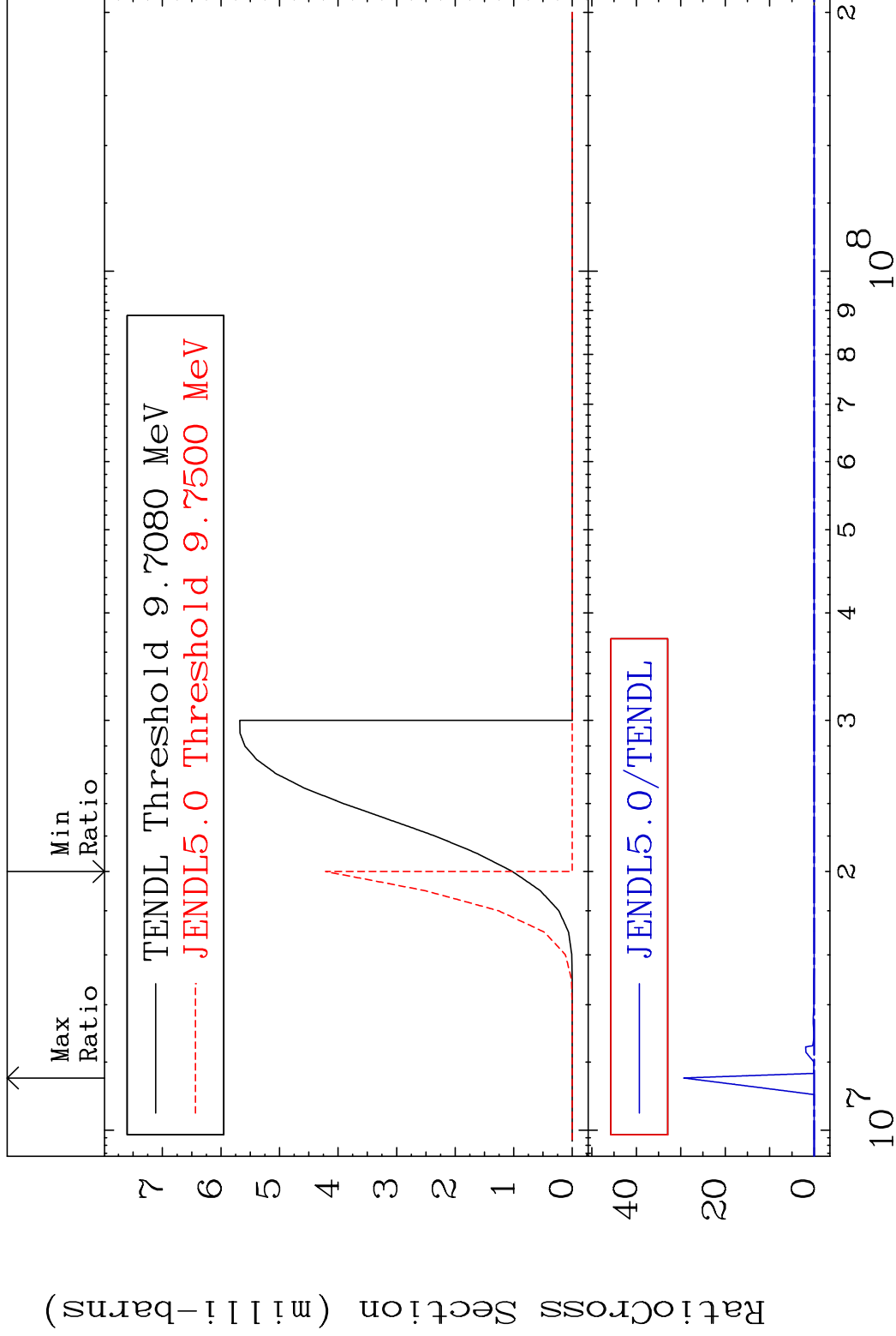
48-Cd-110

MAT 4837

(n, t)

48-Cd-110

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

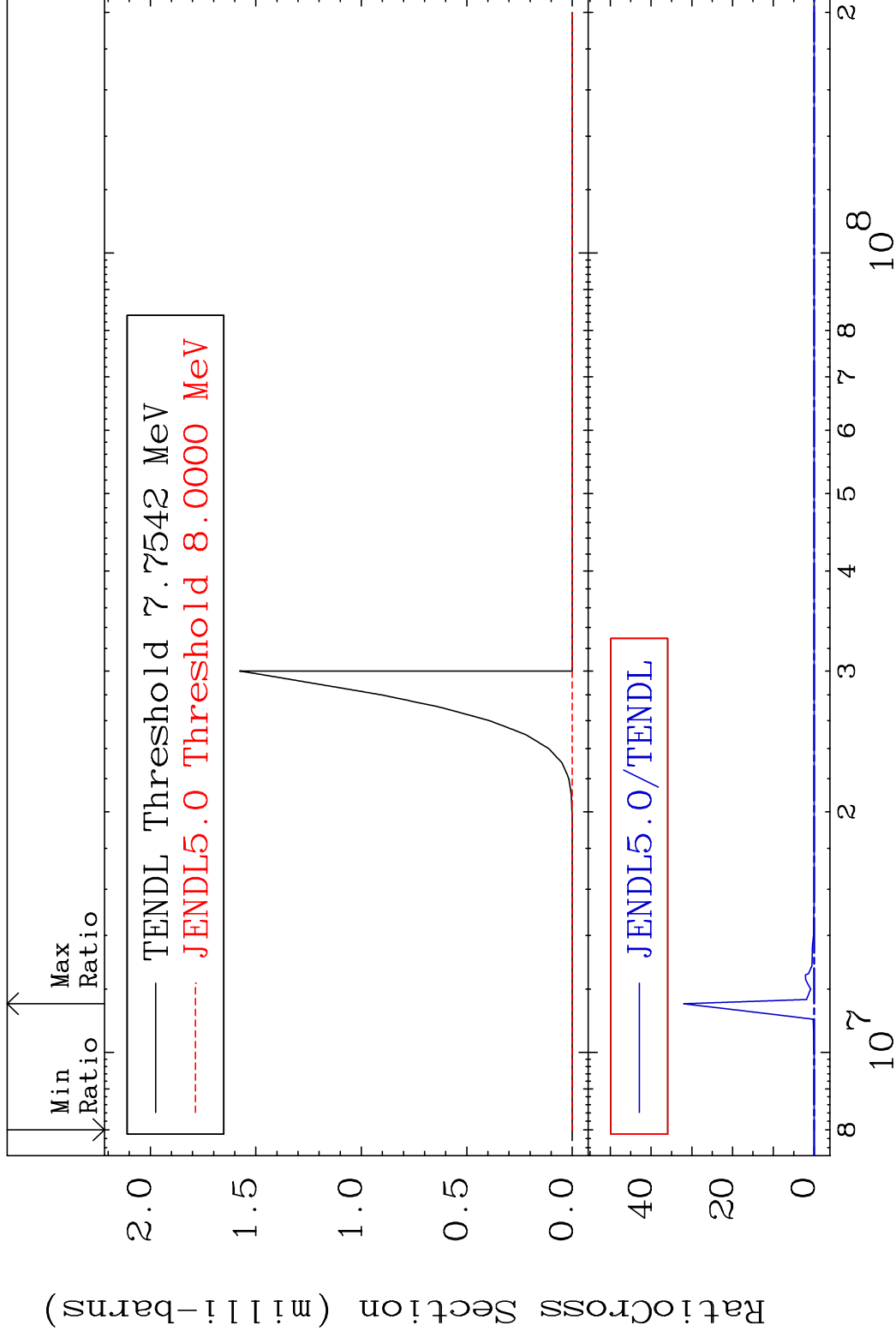
48-Cd-110

MAT 4837

(n, He-3)

48-Cd-110

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

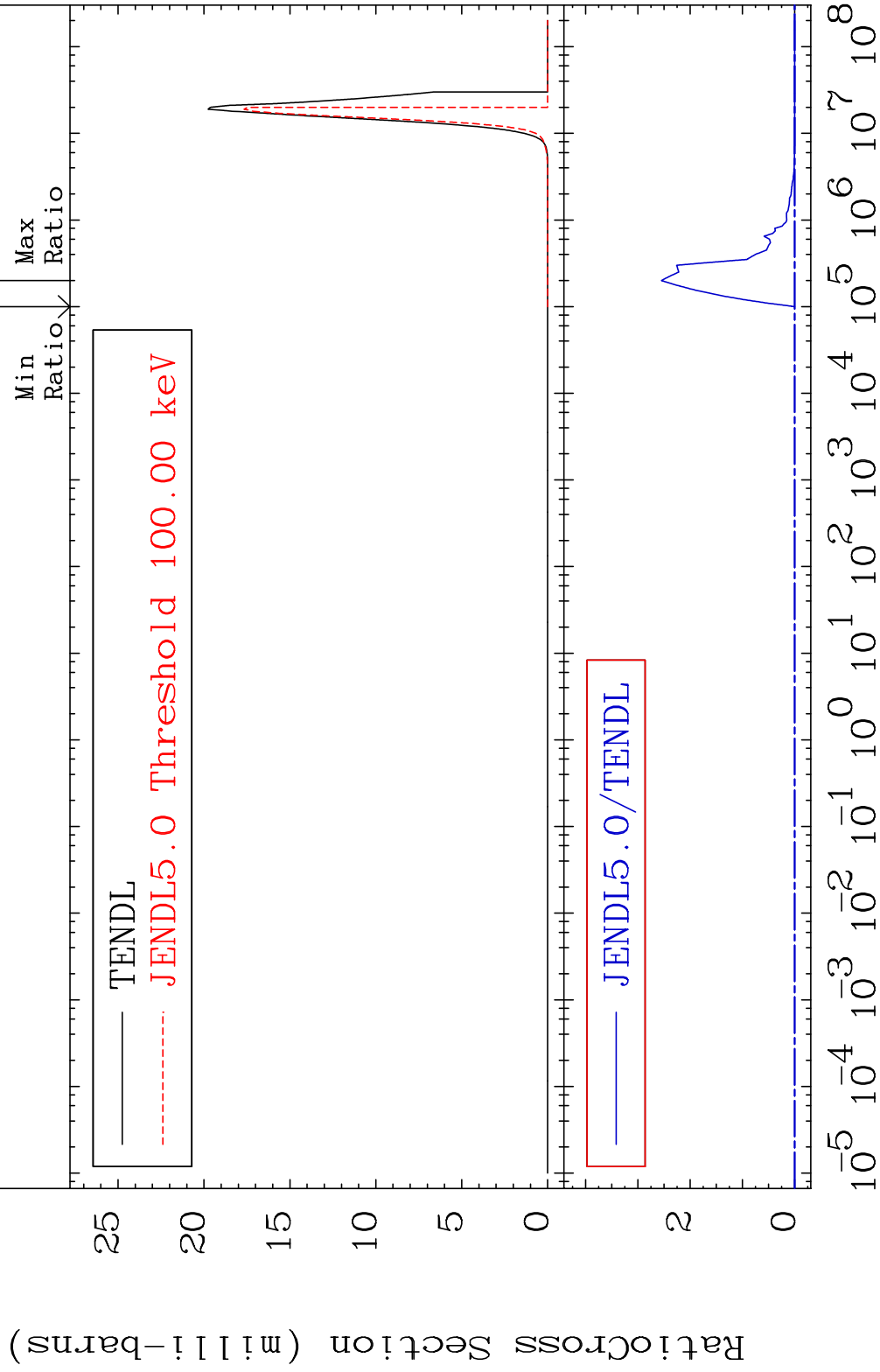
48-Cd-110

MAT 4837

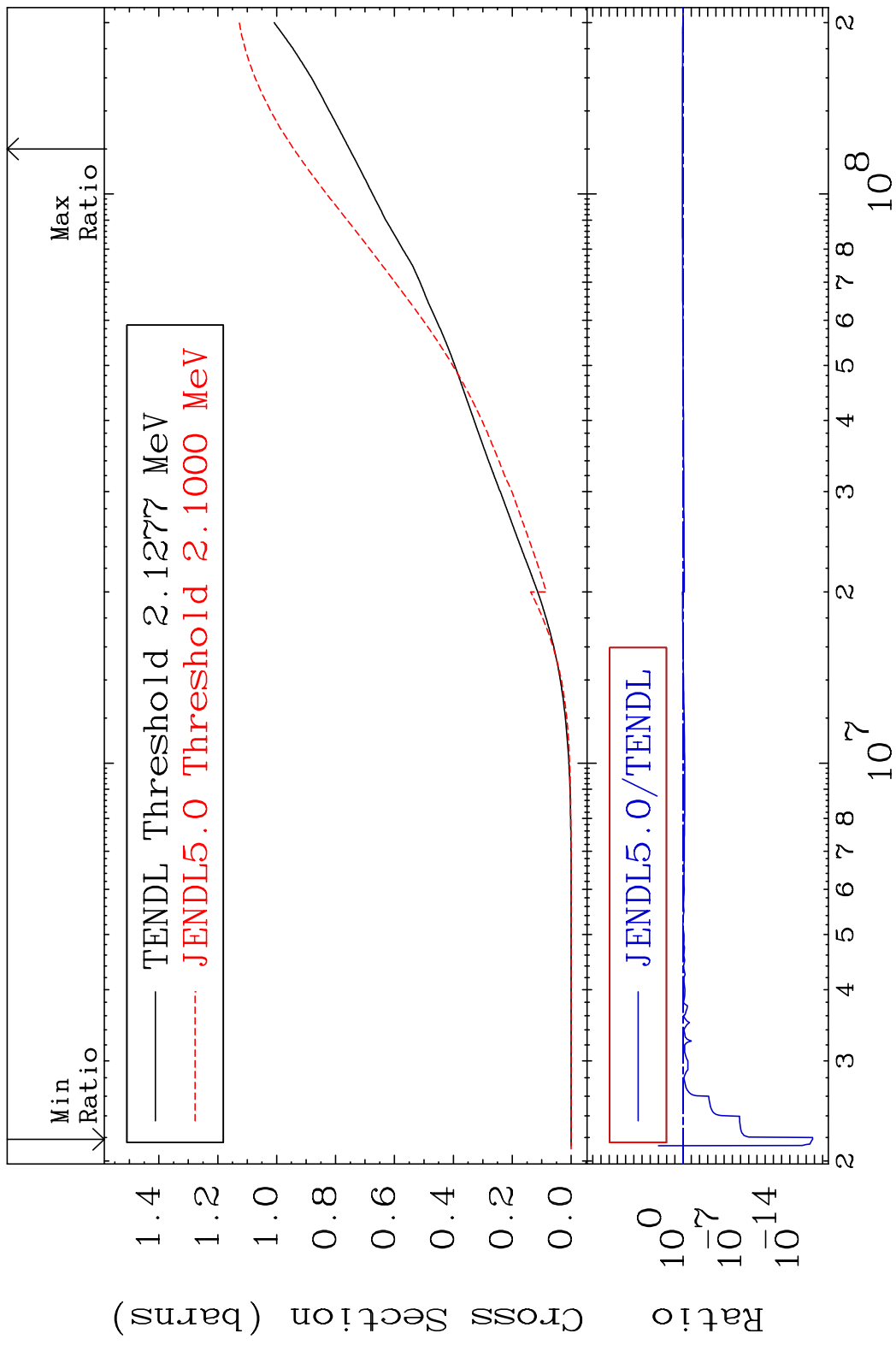
(n,  $\alpha$ )

48-Cd-110

Cross Section -100.0 To 9999. %

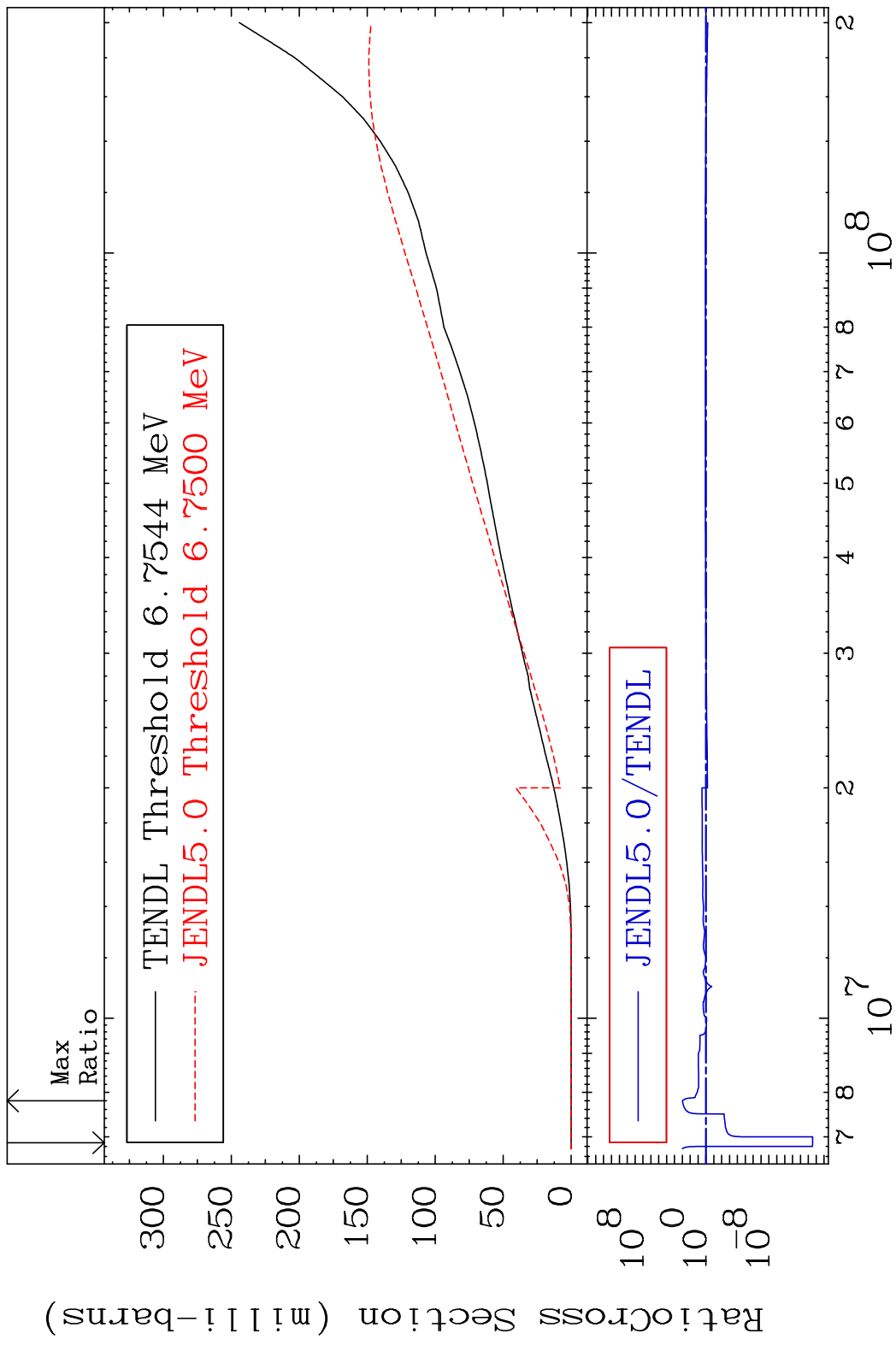


MAT 4837 Hydrogen Production 48-Cd-110  
 Cross Section -100.0 To 25.16 %

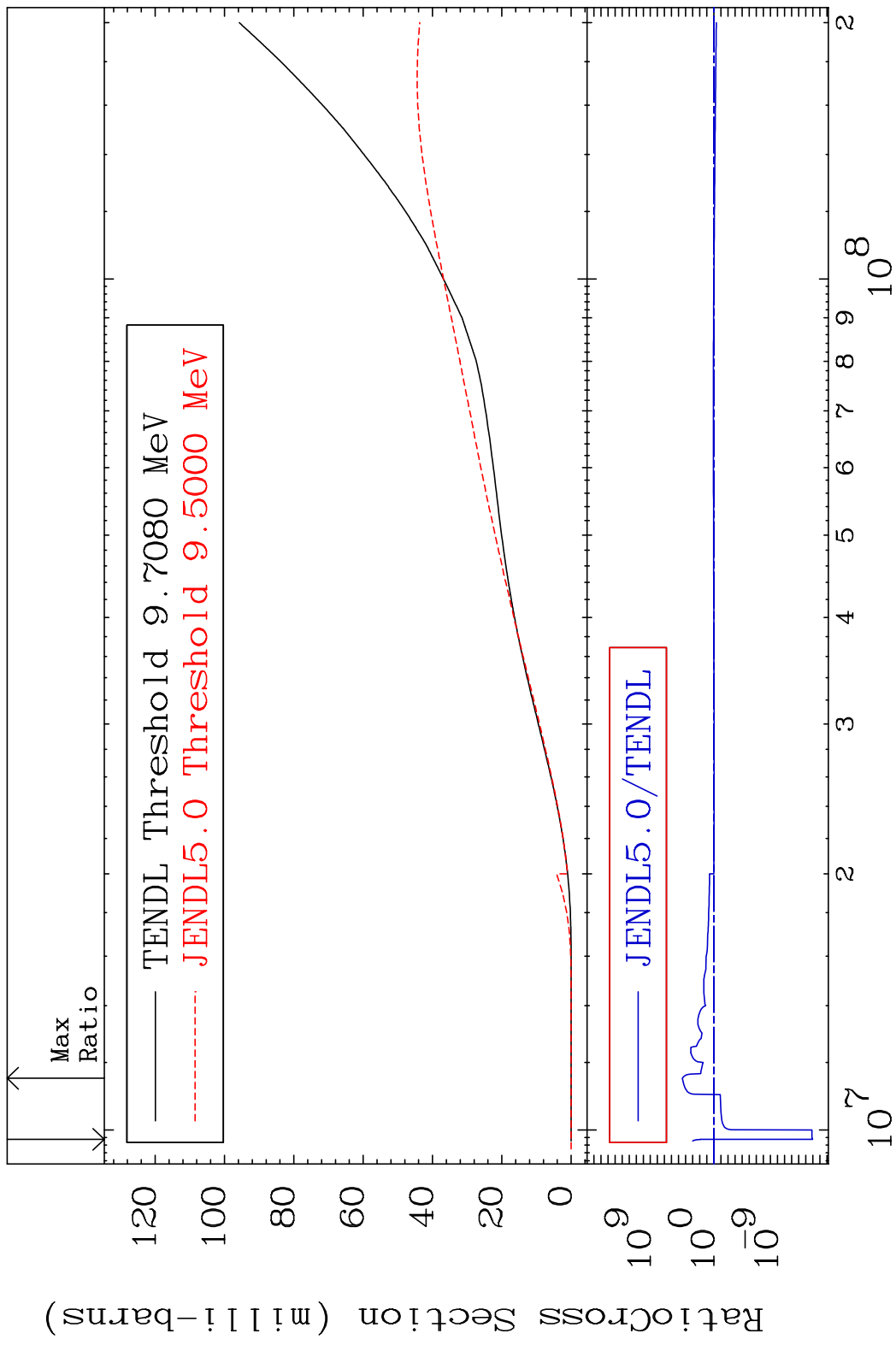




MAT 4837 Deuterium Production 48-Cd-110  
 Cross Section -100.0 To 9999. %

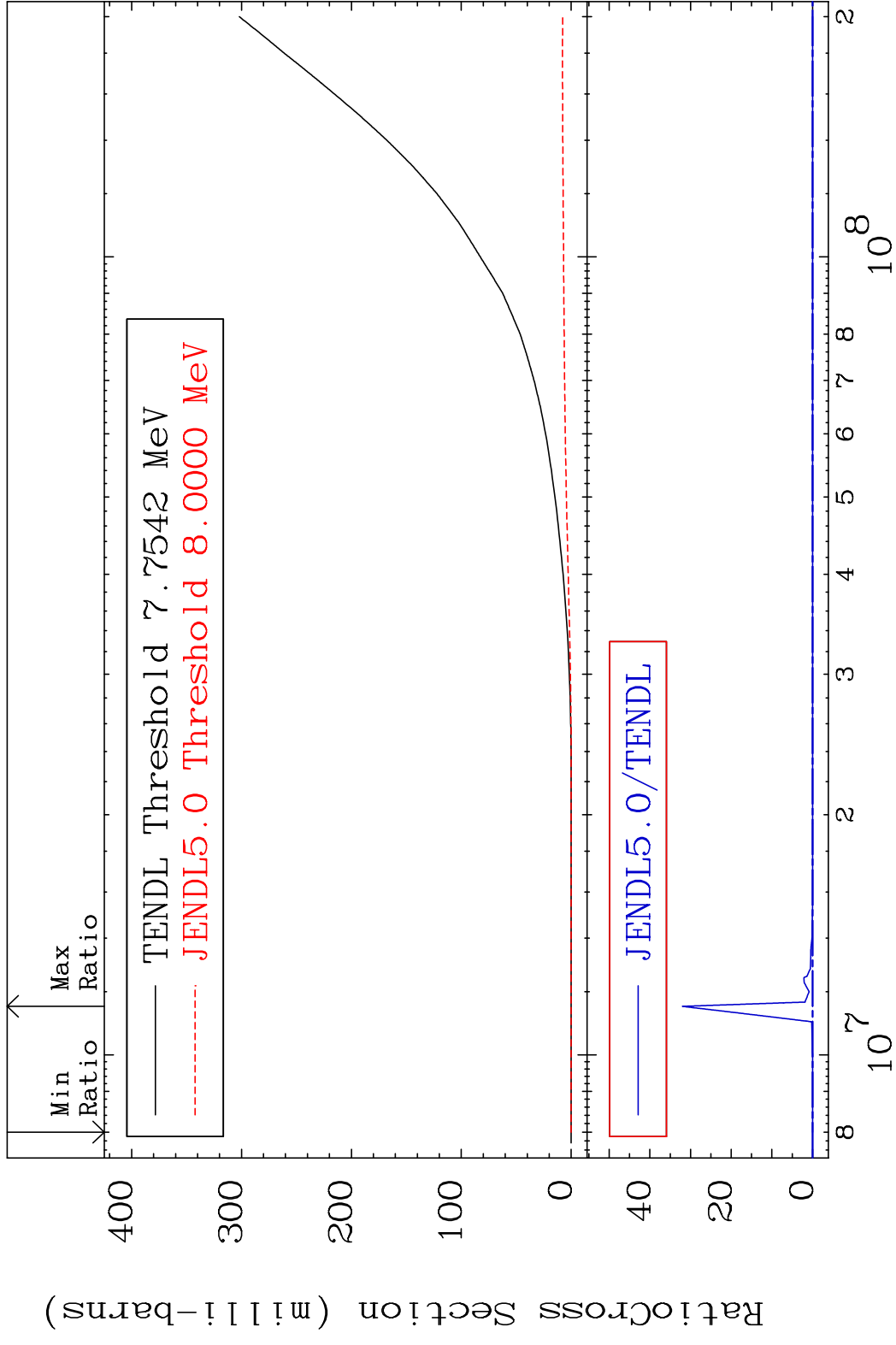


MAT 4837 Tritium Production 48-Cd-110  
 Cross Section -100.0 To 9999. %



33 Incident Energy (eV) 48-Cd-110

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

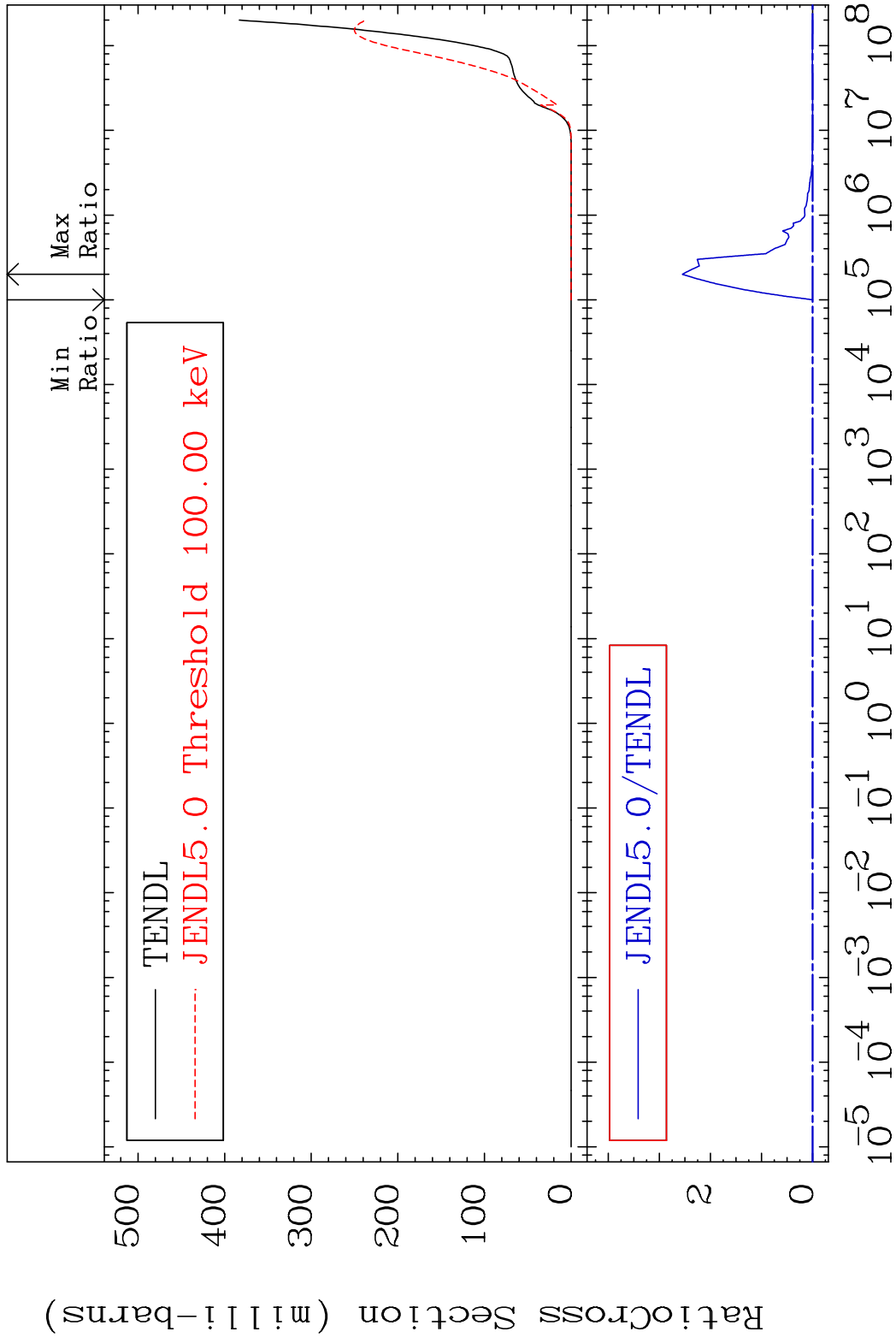


MAT 4837

He-4 Production

48-Cd-110

Cross Section -100.0 To 9999. %



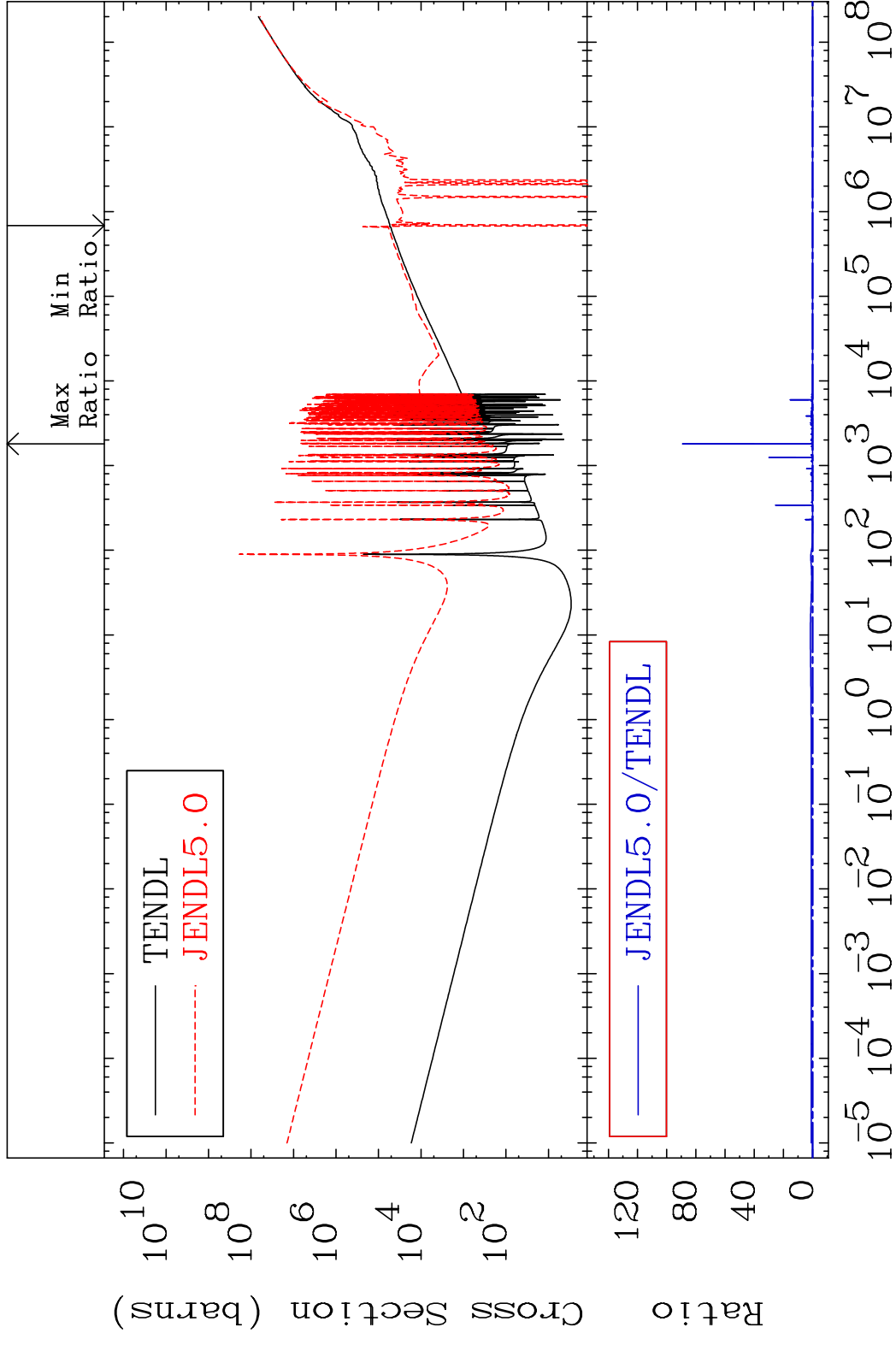
35

Incident Energy (eV)

48-Cd-110

MAT 4837

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

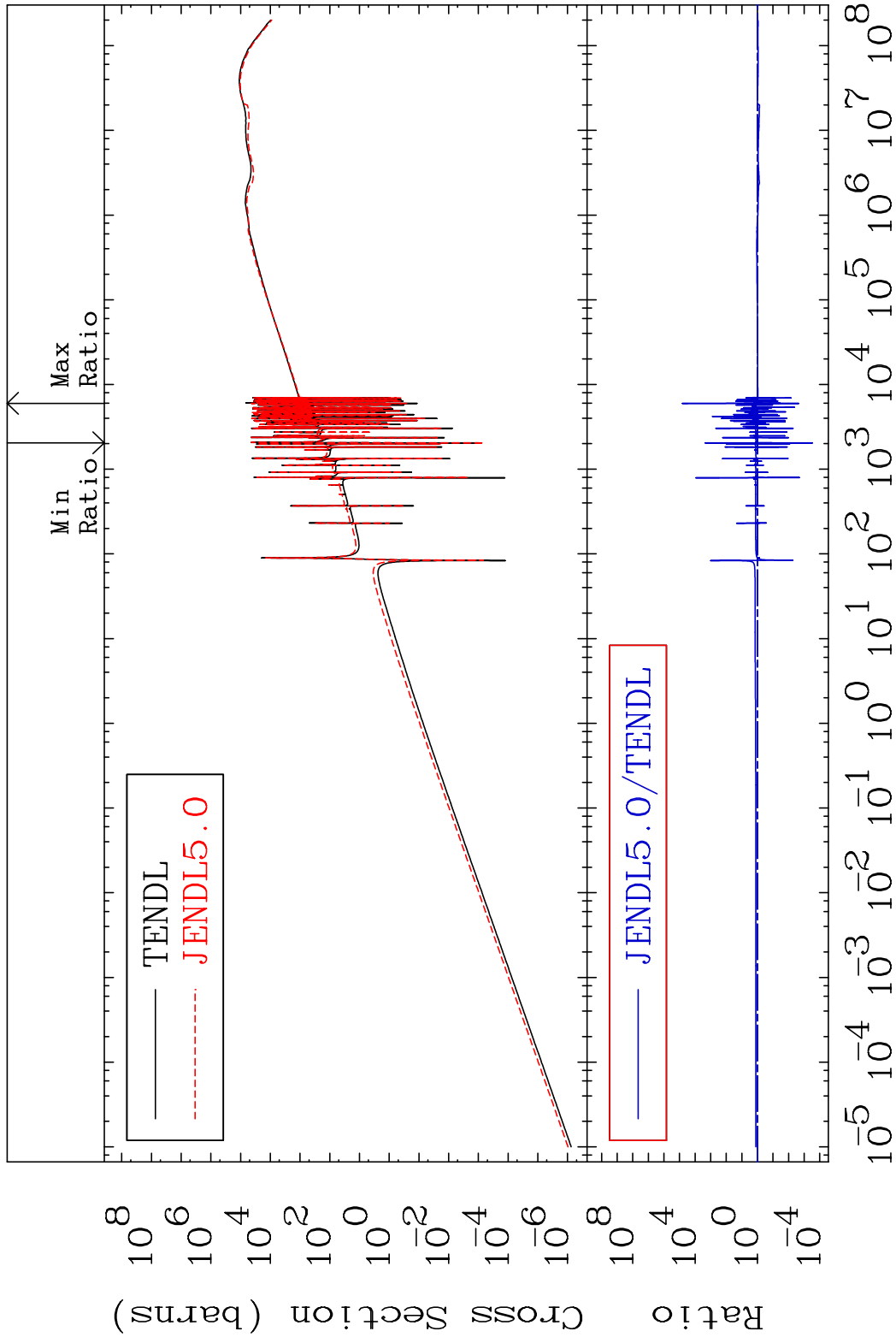


MAT 4837

Kerma elastic

48-Cd-110

Cross Section -99.97 To 9999. %

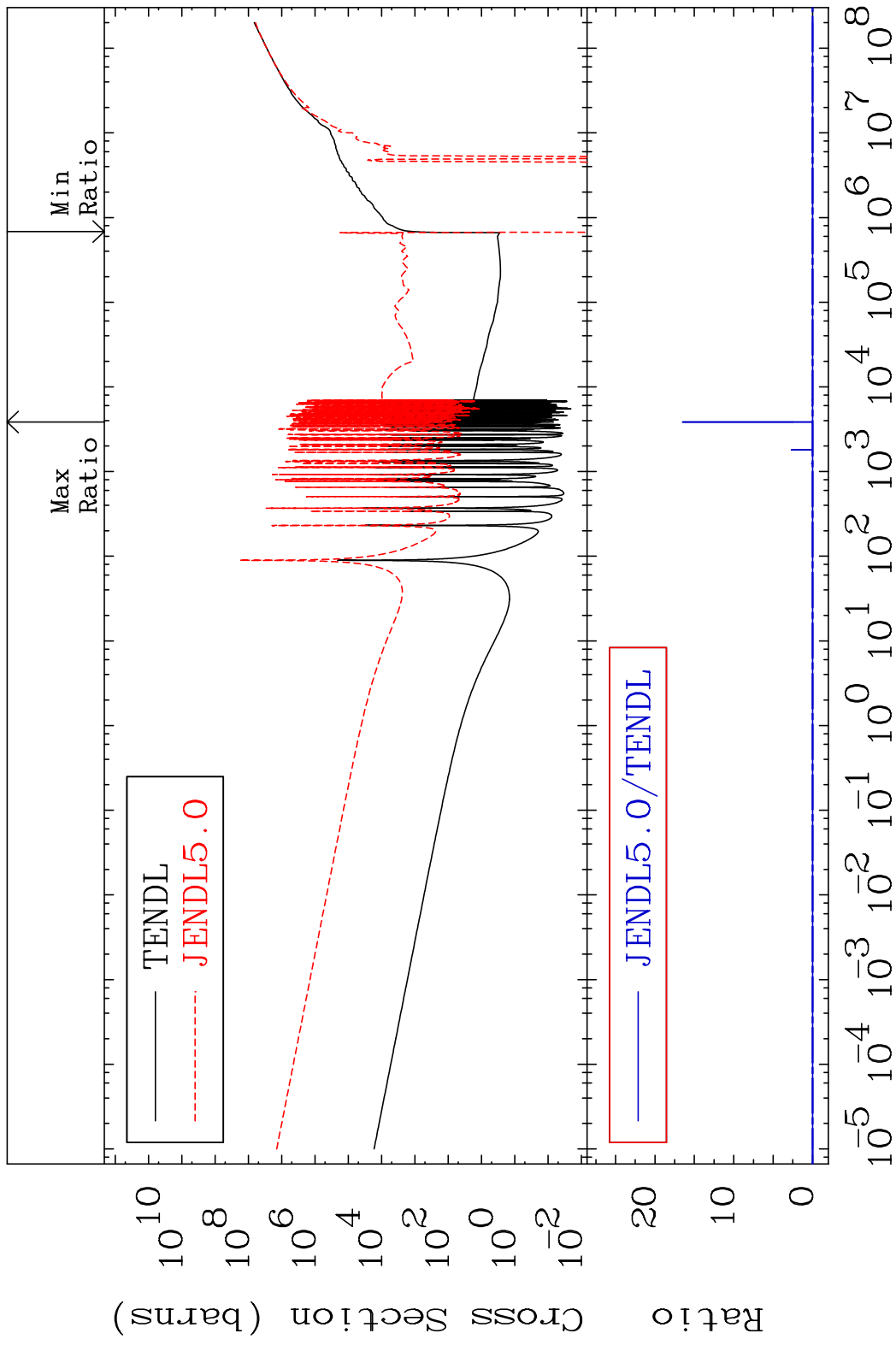


37

Incident Energy (eV)

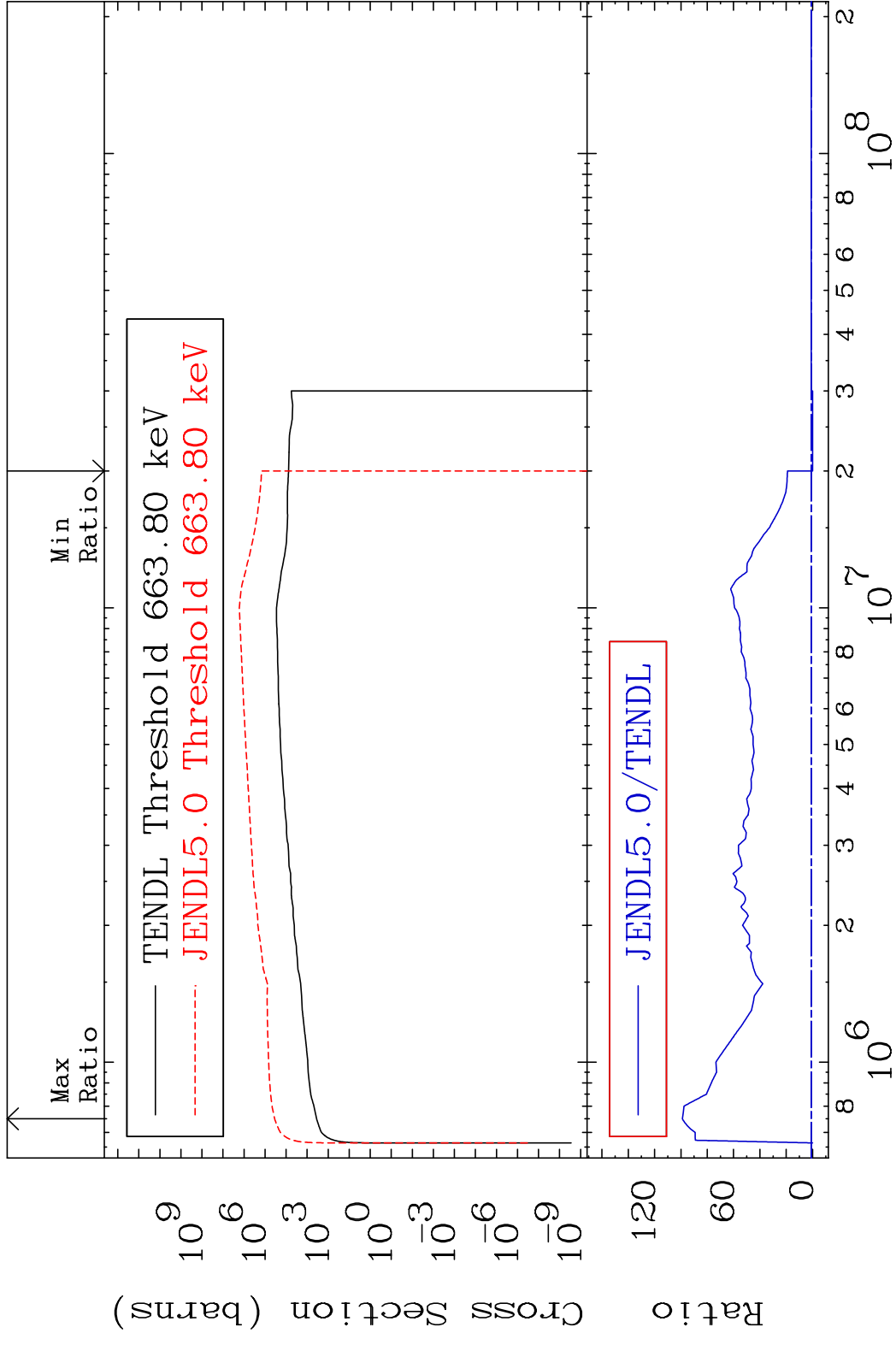
48-Cd-110

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



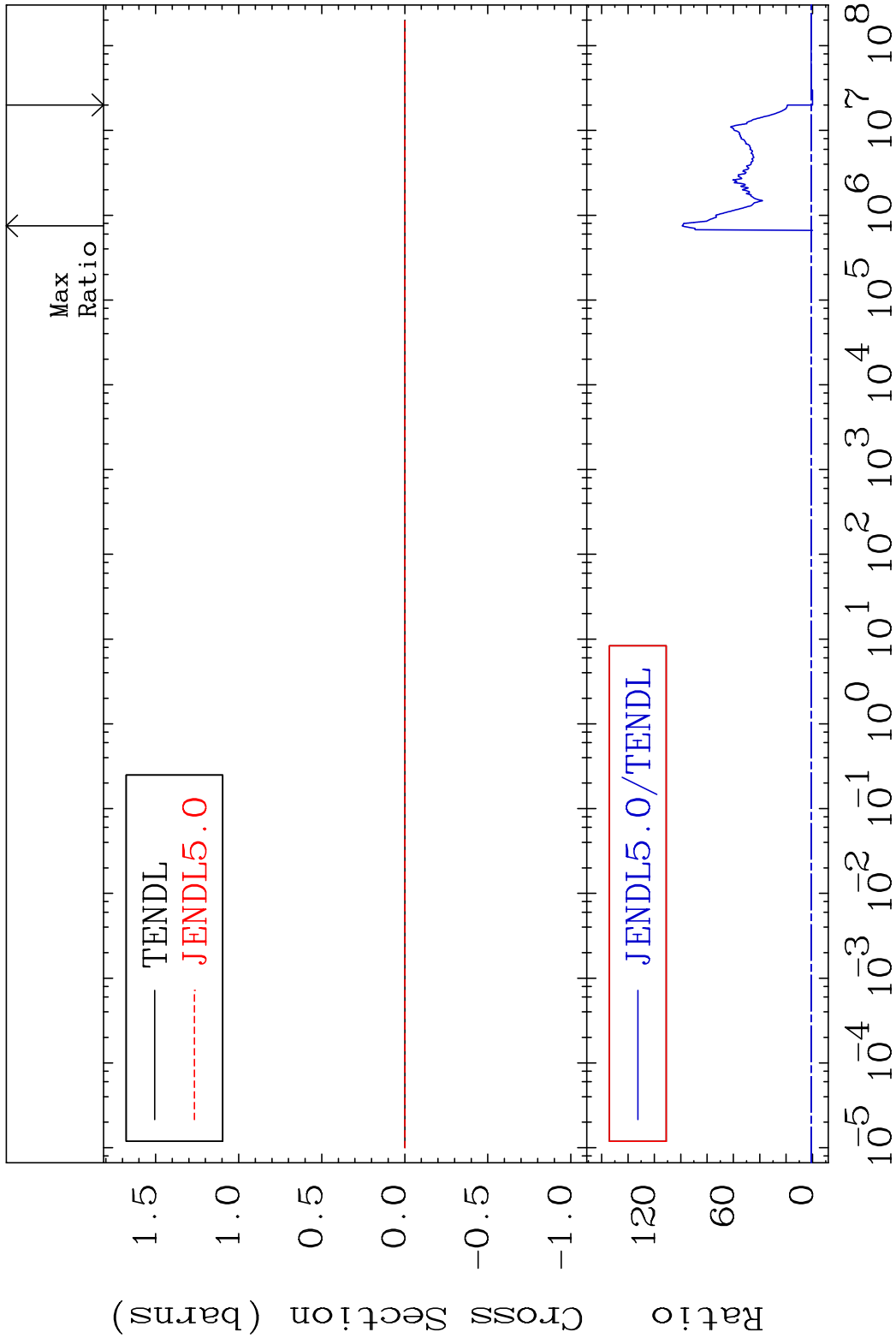
38 Incident Energy (eV) 48-Cd-110

MAT 4837 Kerma inelastic (mt51-91) 48-Cd-110  
 Cross Section -100.0 To 9791. %





MAT 4837 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-110  
 Cross Section -100.0 To 9791. %

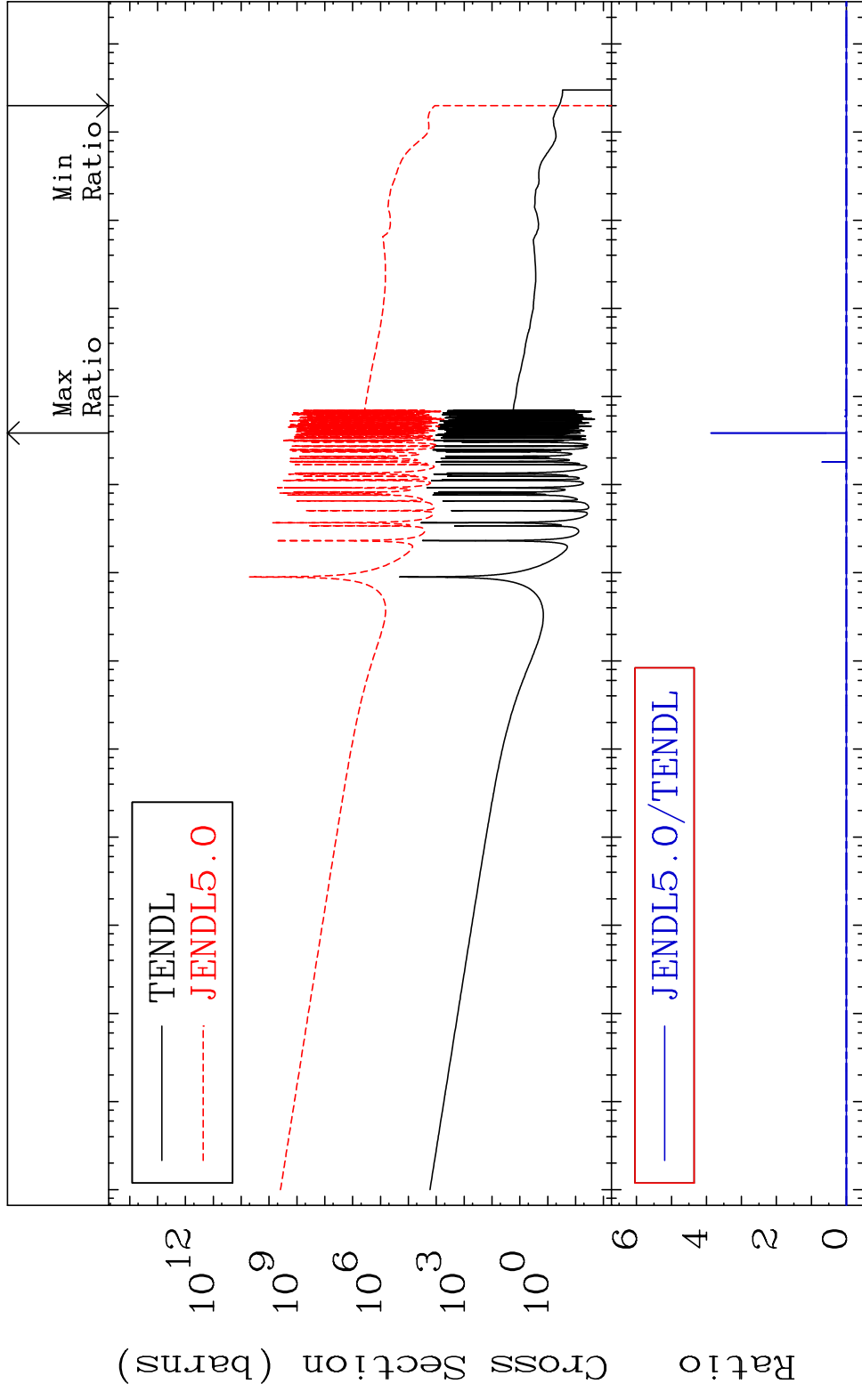


40

Incident Energy (eV)

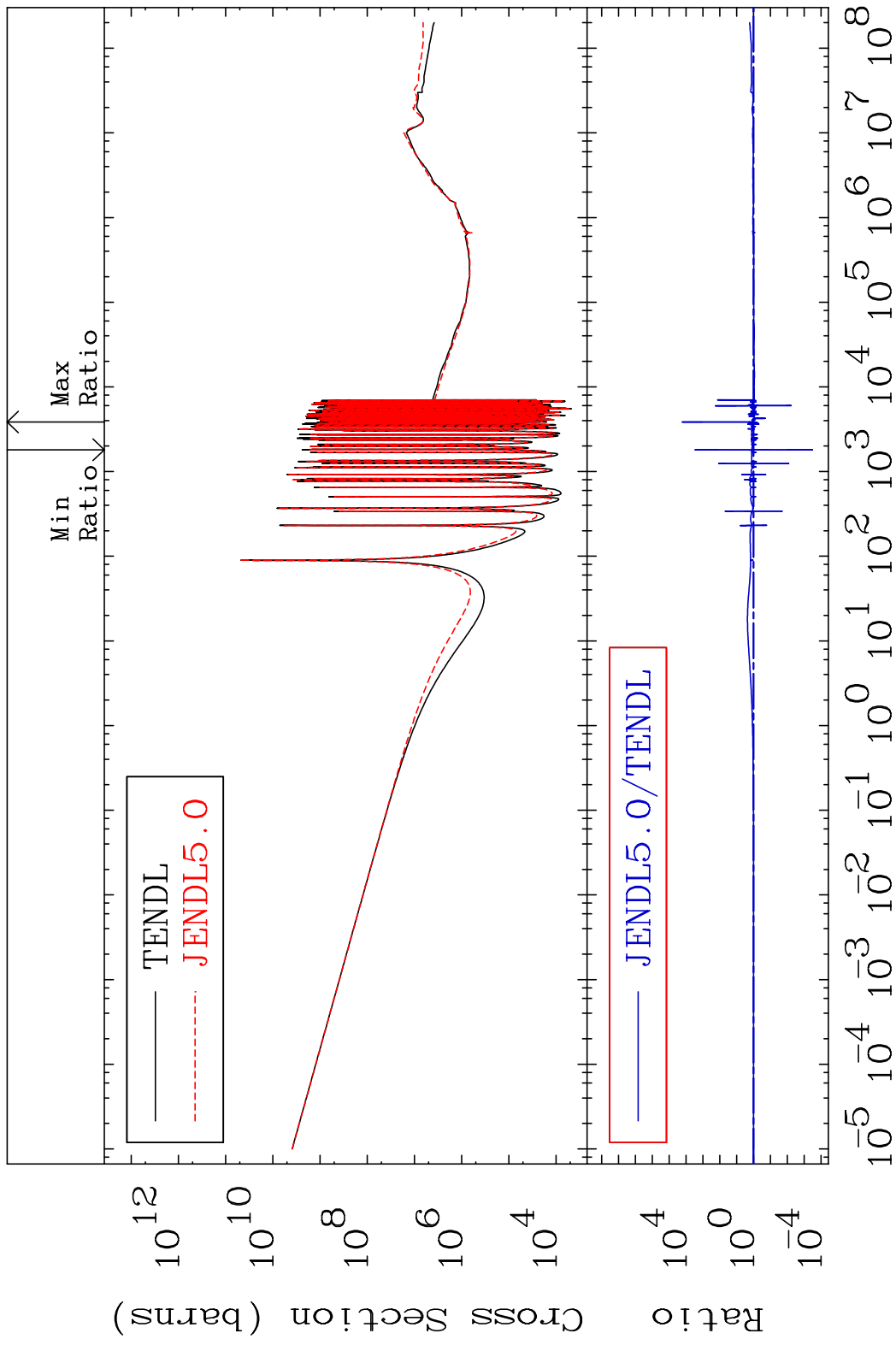
48-Cd-110

MAT 4837 Kerma capture (mt102) 48-Cd-110  
 Cross Section -100.0 To 9999. %



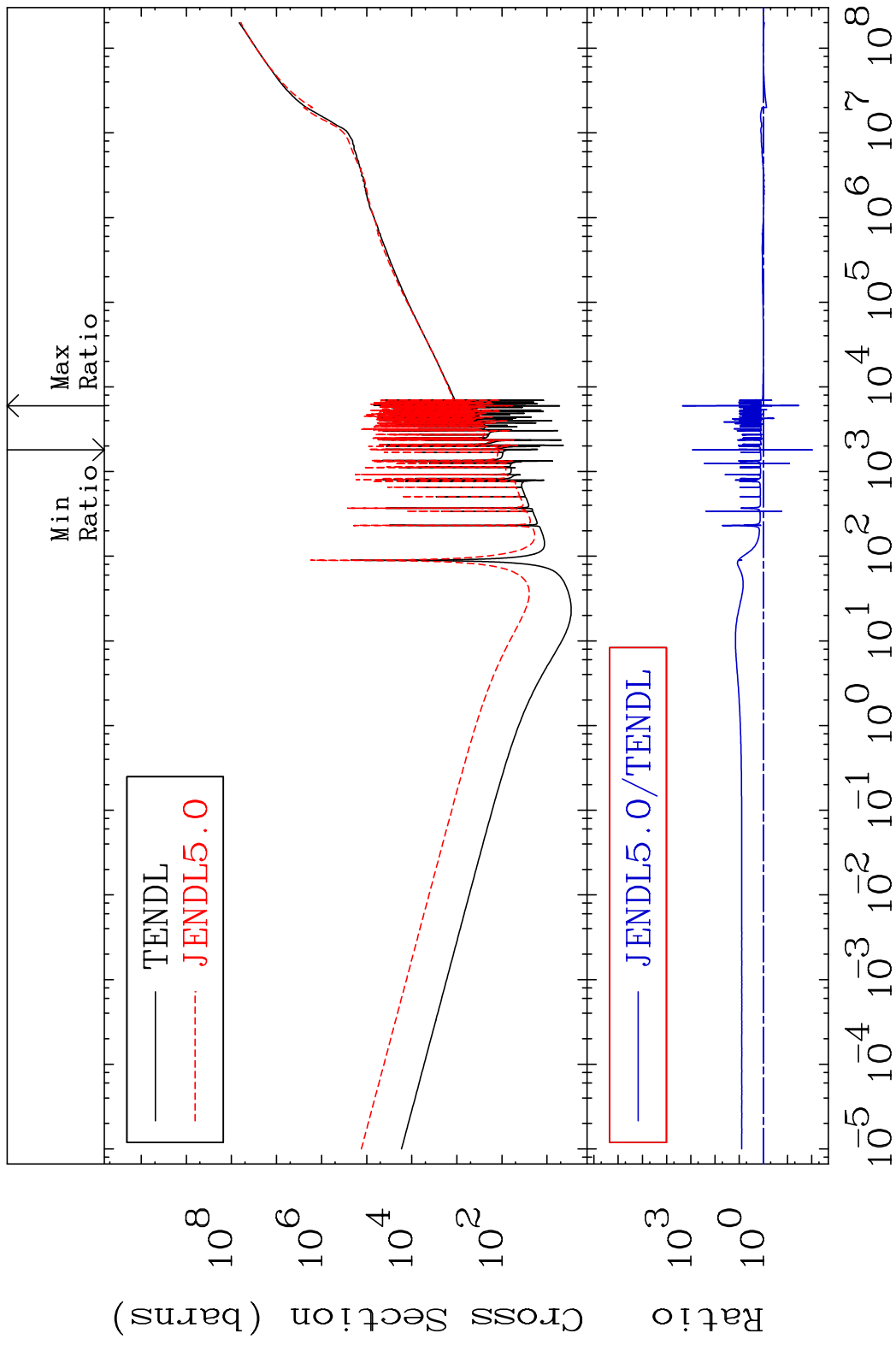
41 Incident Energy (eV) 48-Cd-110

MAT 4837 Total photon (eV-barns) 48-Cd-110  
Cross Section -99.97 To 9999. %



42 Incident Energy (eV) 48-Cd-110

MAT 4837 Total kinematic kerma (high limit) 48-Cd-110  
 Cross Section -99.07 To 9999. %

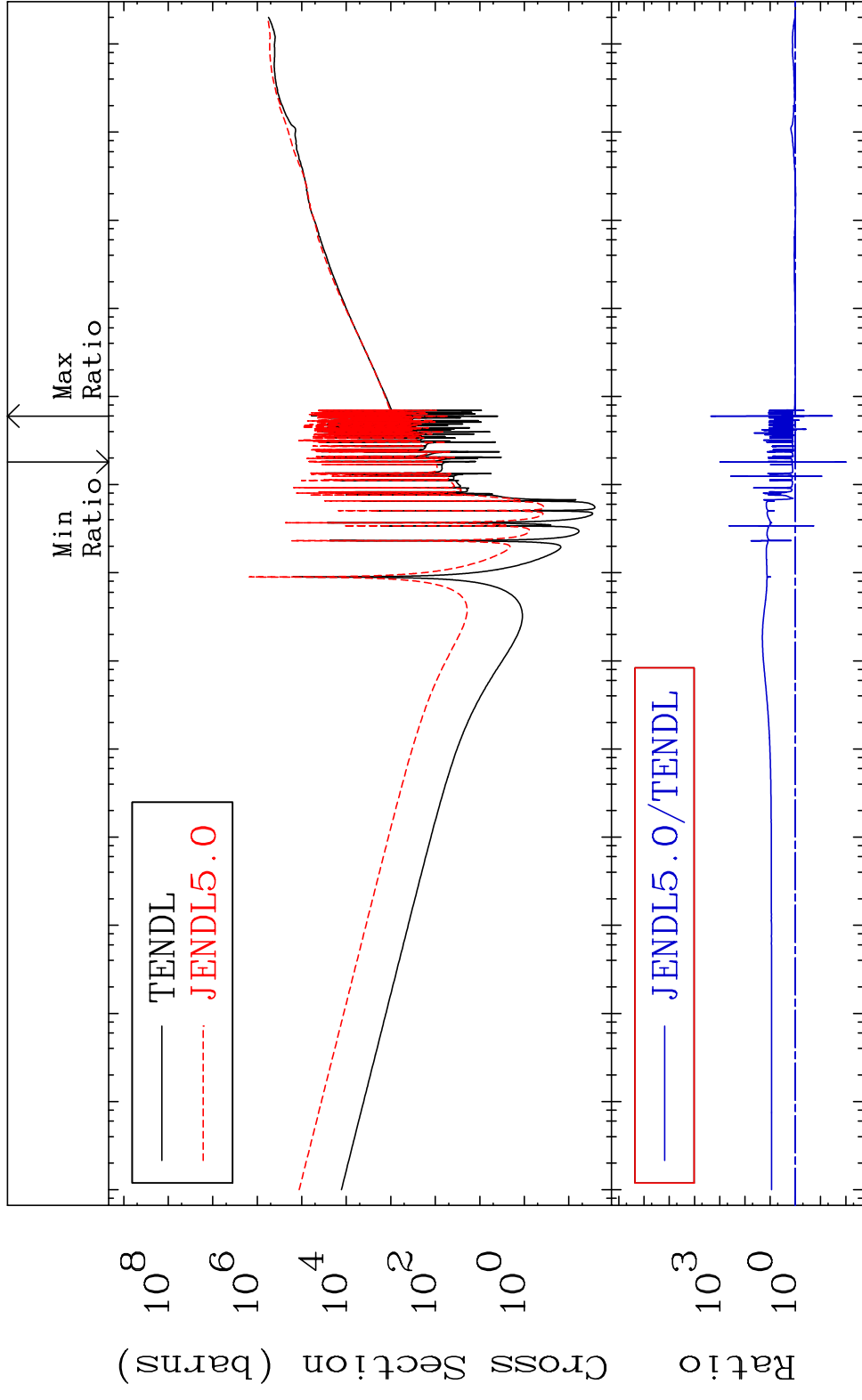


MAT 4837

Dpa total (eV-barns)

48-Cd-110

Cross Section -99.05 To 9999. %

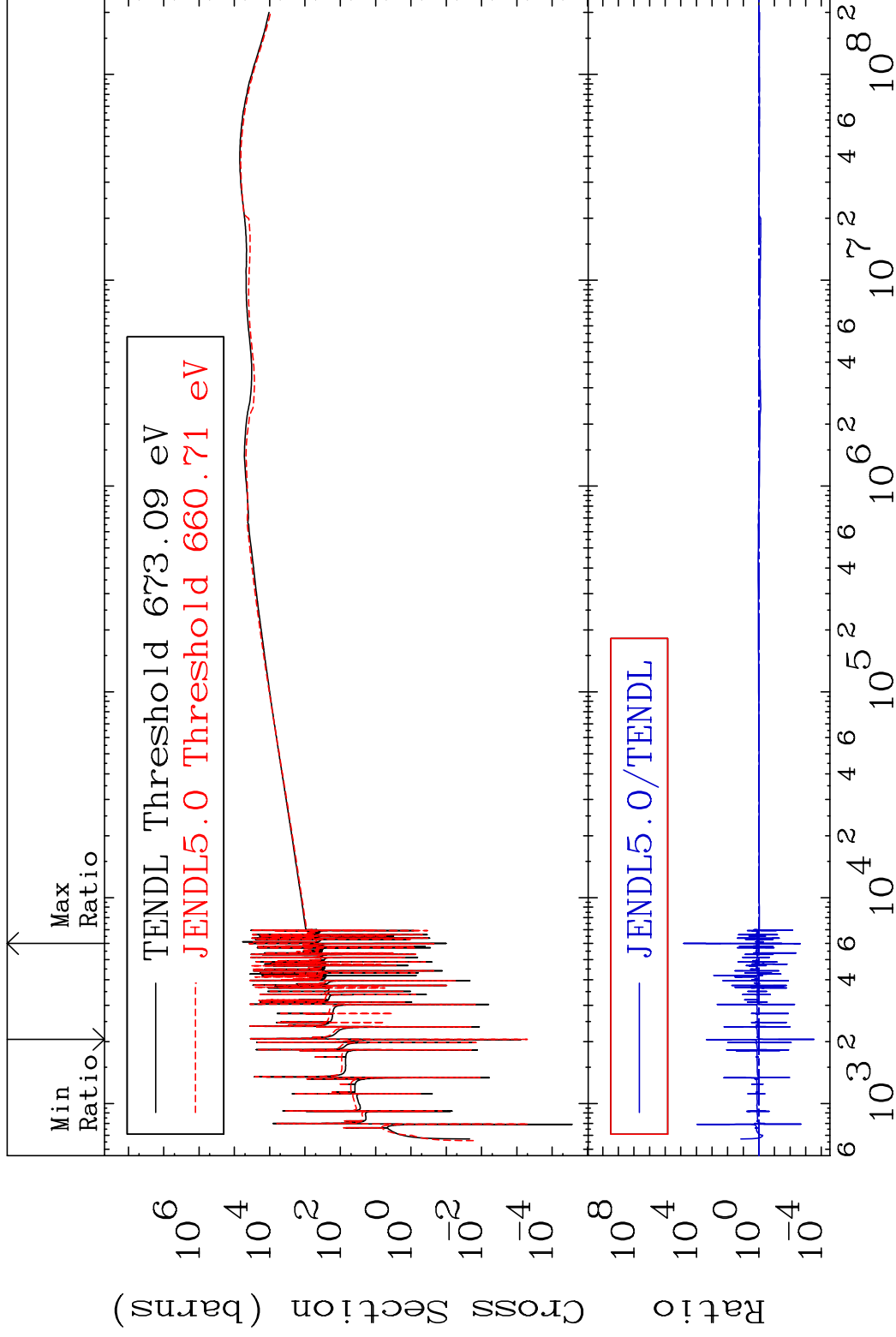


MAT 4837

Dpa elastic (mt2)

48-Cd-110

Cross Section -99.97 To 9999. %

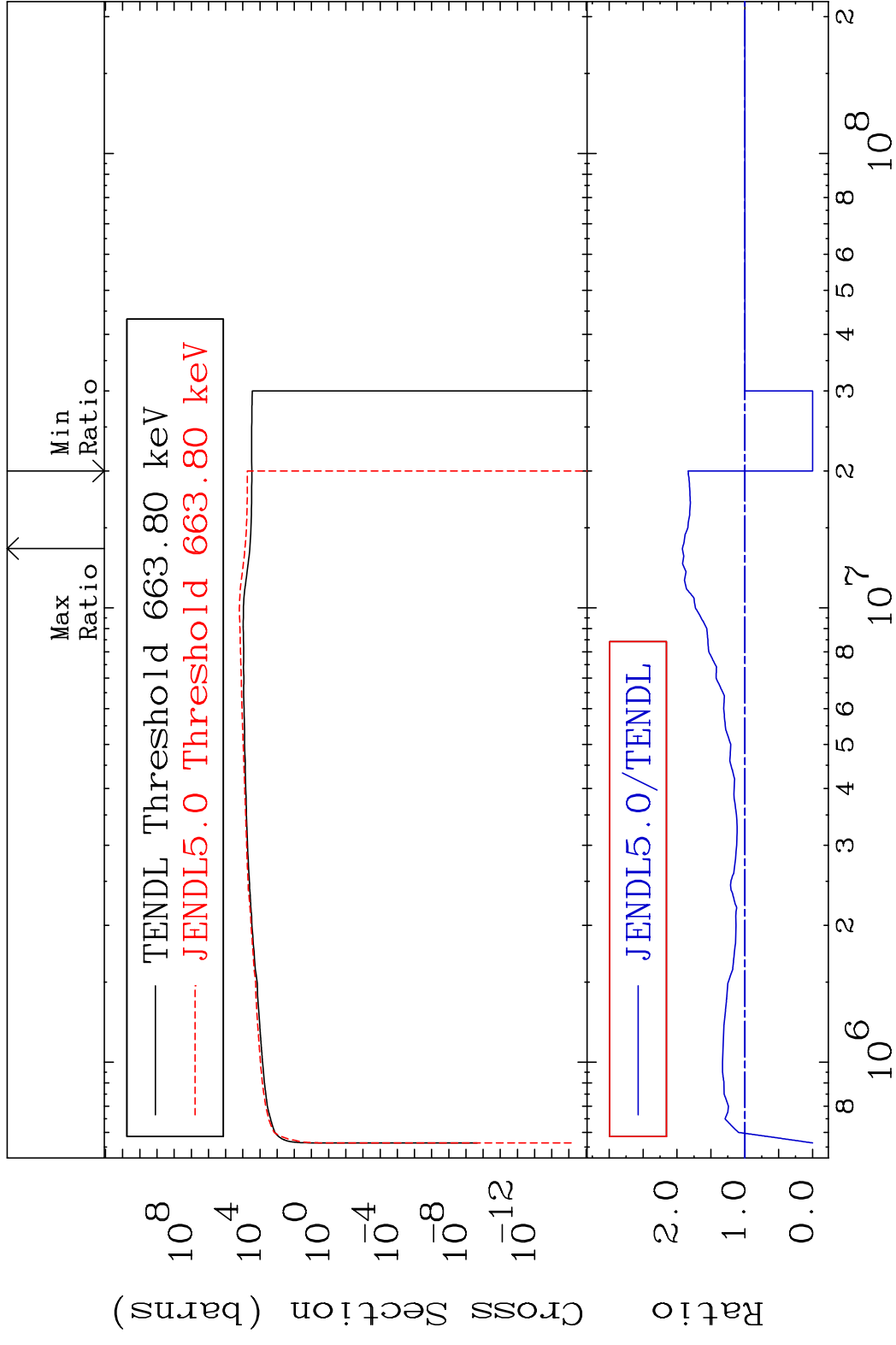


45

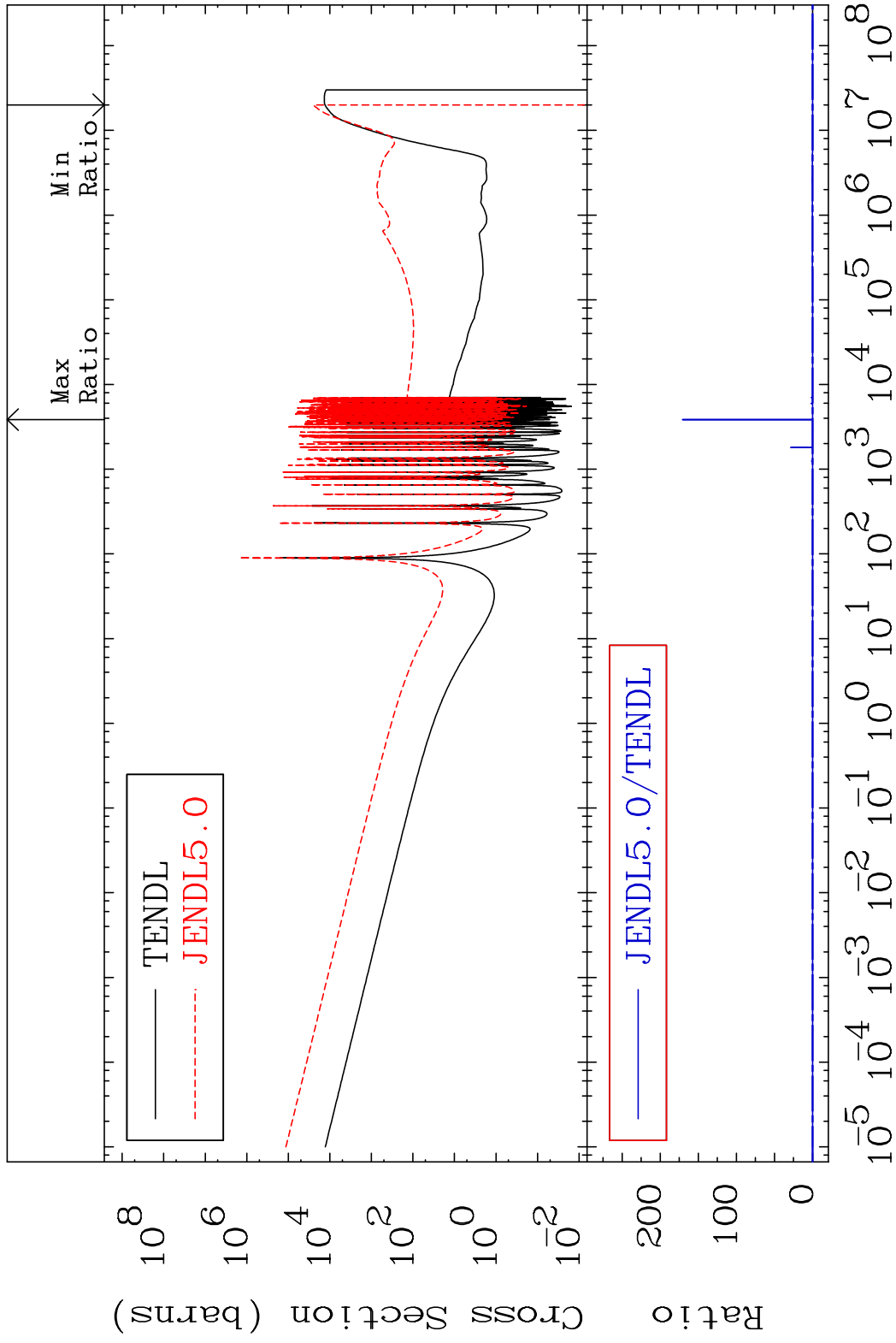
Incident Energy (eV)

48-Cd-110

MAT 4837 Dpa inelastic (mt51-91) 48-Cd-110  
 Cross Section -100.0 To 92.10 %

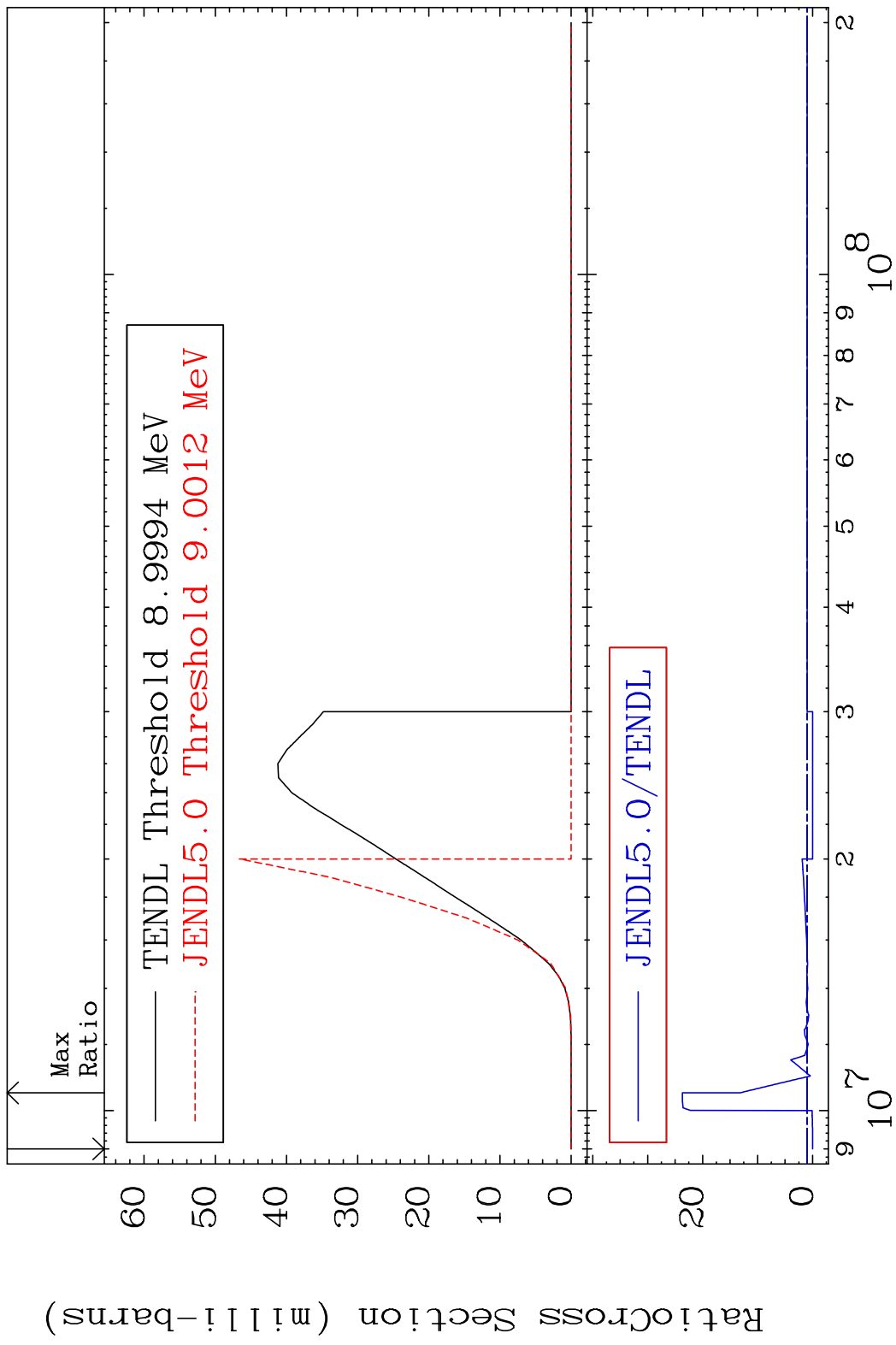


MAT 4837 Dpa disappearance (mt102 -120) 48-Cd-110  
 Cross Section -100.0 To 9999. %



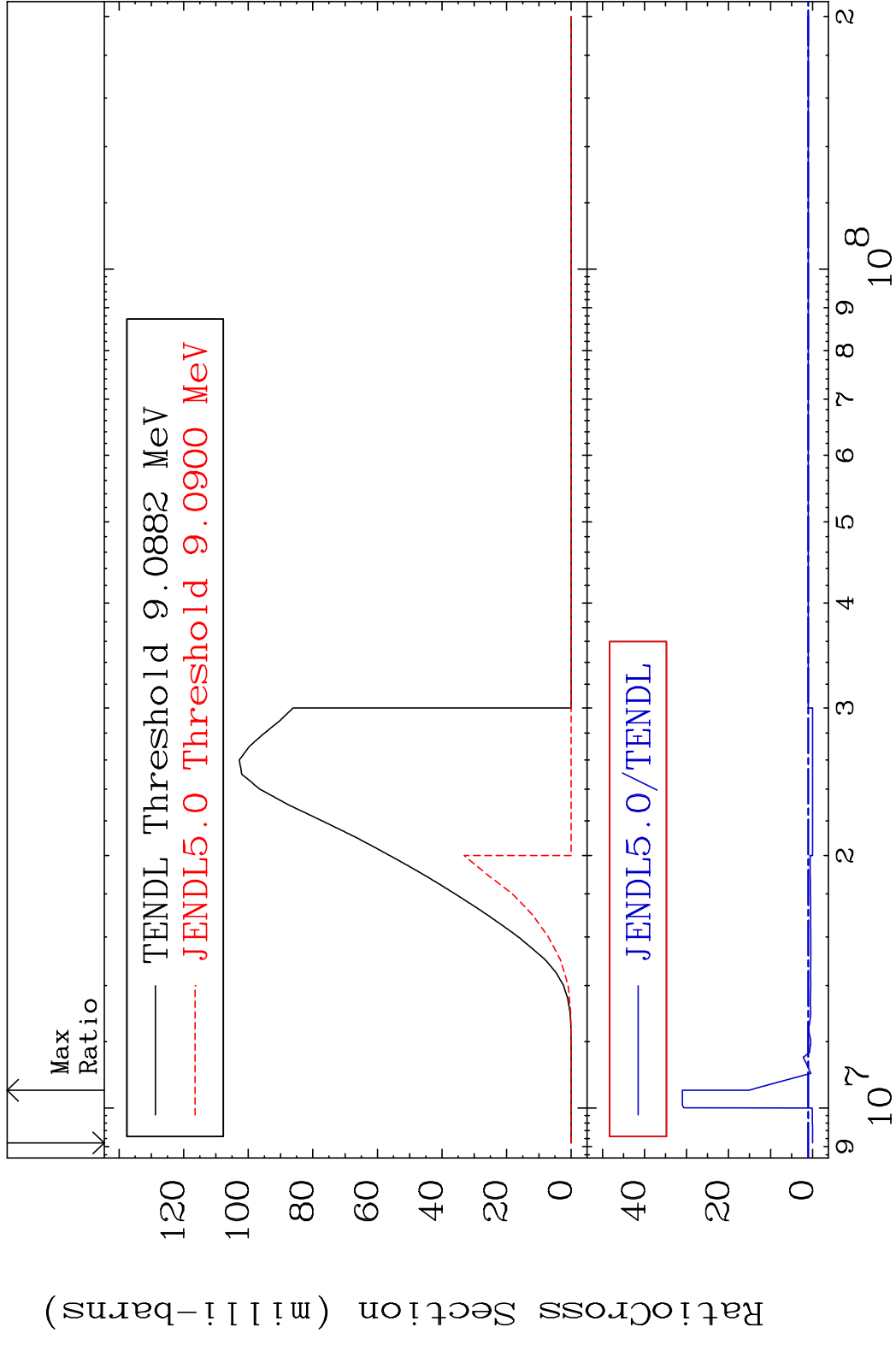


MAT 4837 (n, n') p:47-Ag-109g 48-Cd-110  
 Radionuclide Production Cross Section Ratio 2268. %



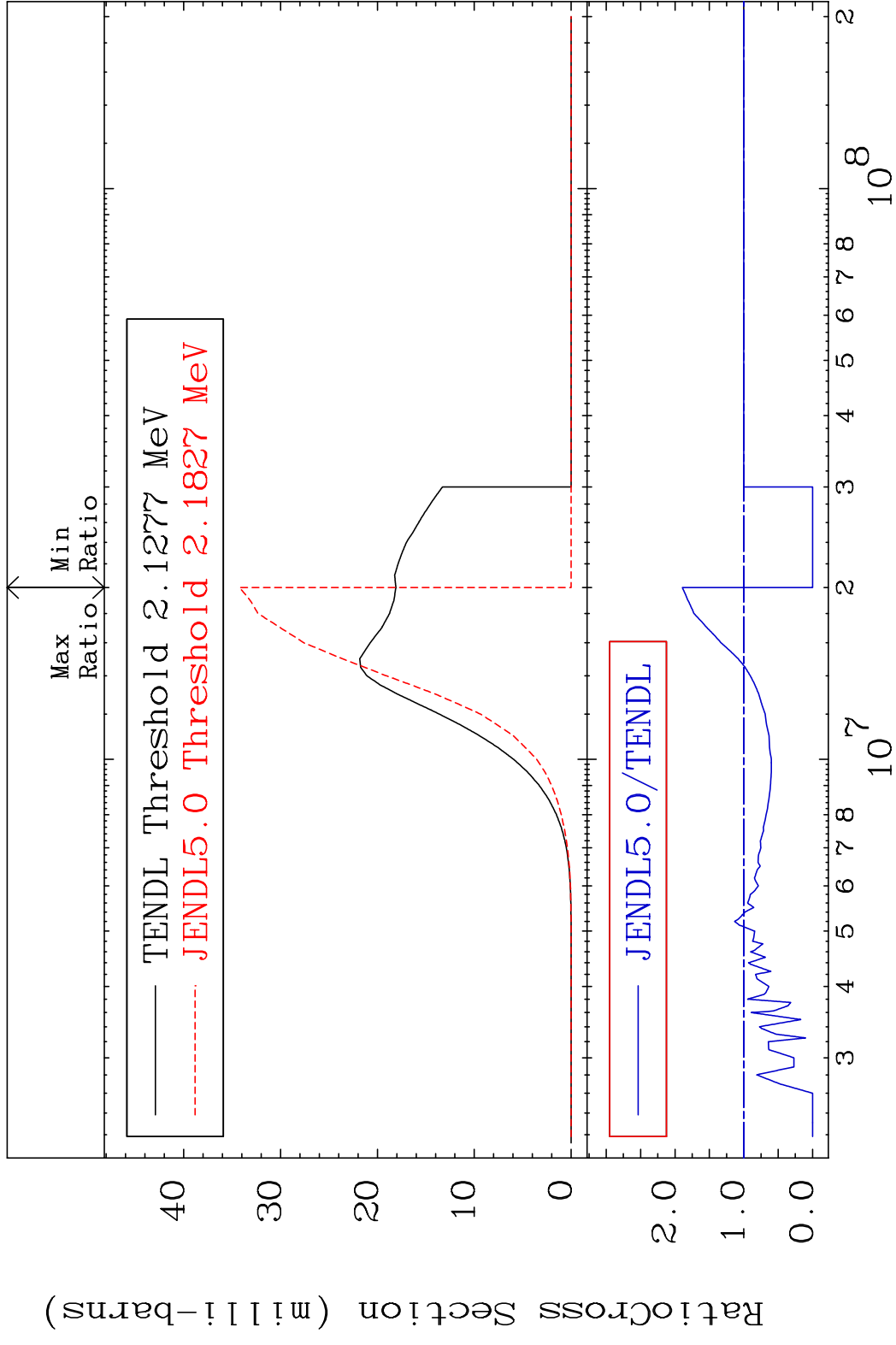
48 Incident Energy (eV) 48-Cd-110

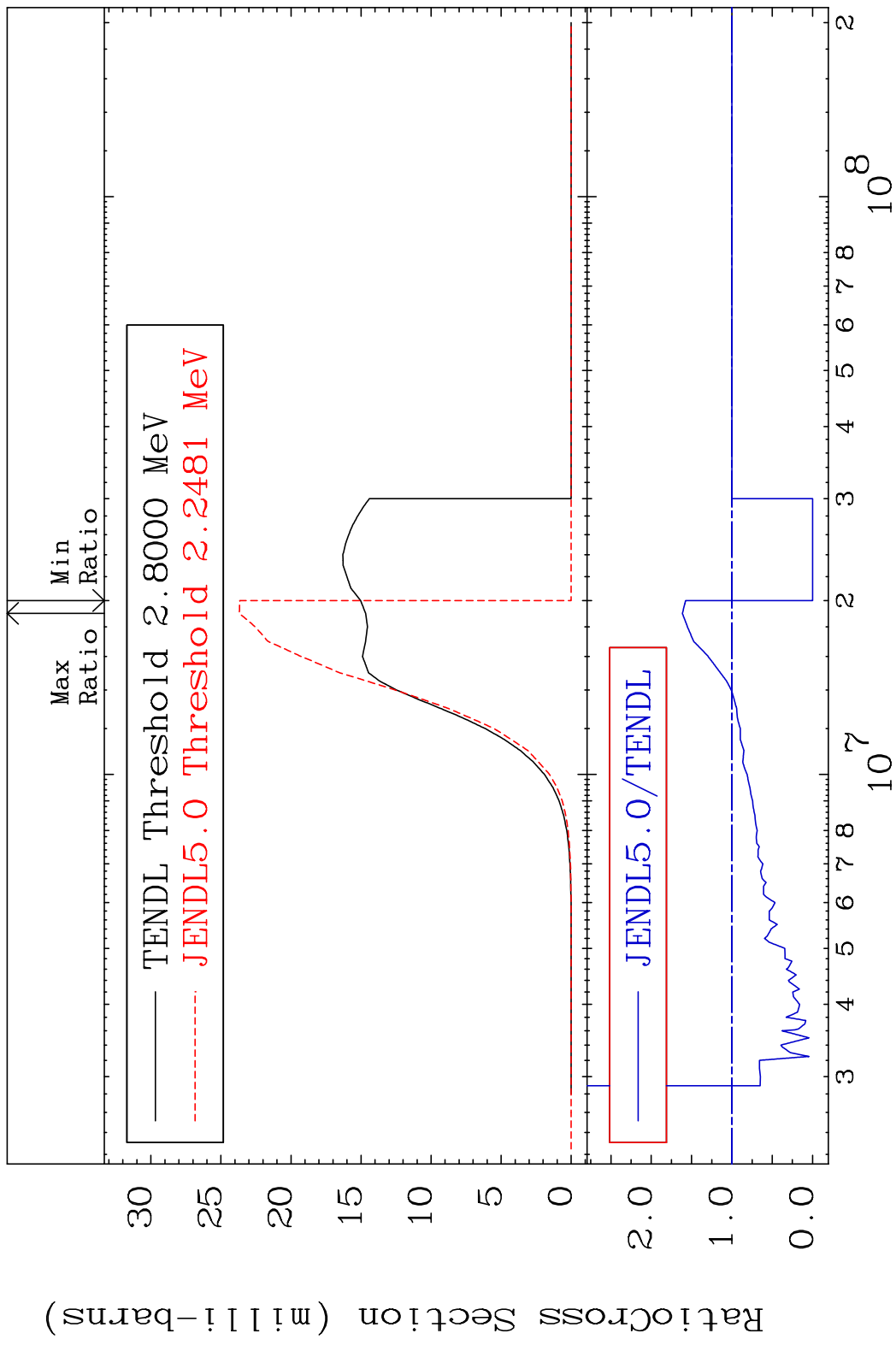
MAT 4837 (n, n') p:47-Ag-109m1 48-Cd-110  
 Radionuclide Production Cross Section Ratio

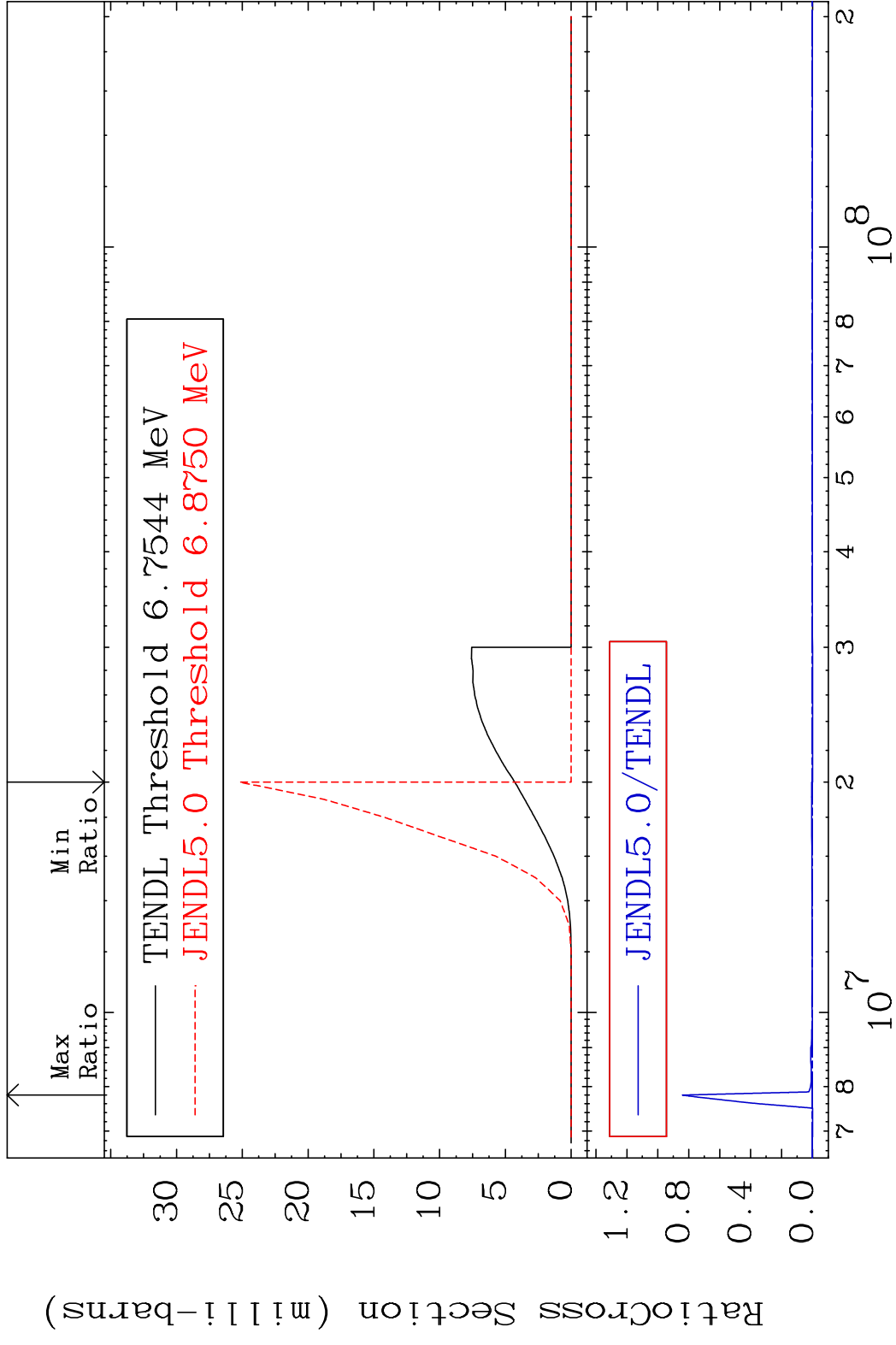


49 Incident Energy (eV) 48-Cd-110

MAT 4837 (n,p):47-Ag-110g 48-Cd-110  
 Radionuclide Production Cross Section 180.01 dth 89.32 %







MAT 4837 (n, d): 47-Ag-109m1 48-Cd-110  
 Radionuclide Production Cross Section Ratio 3088. %

