

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

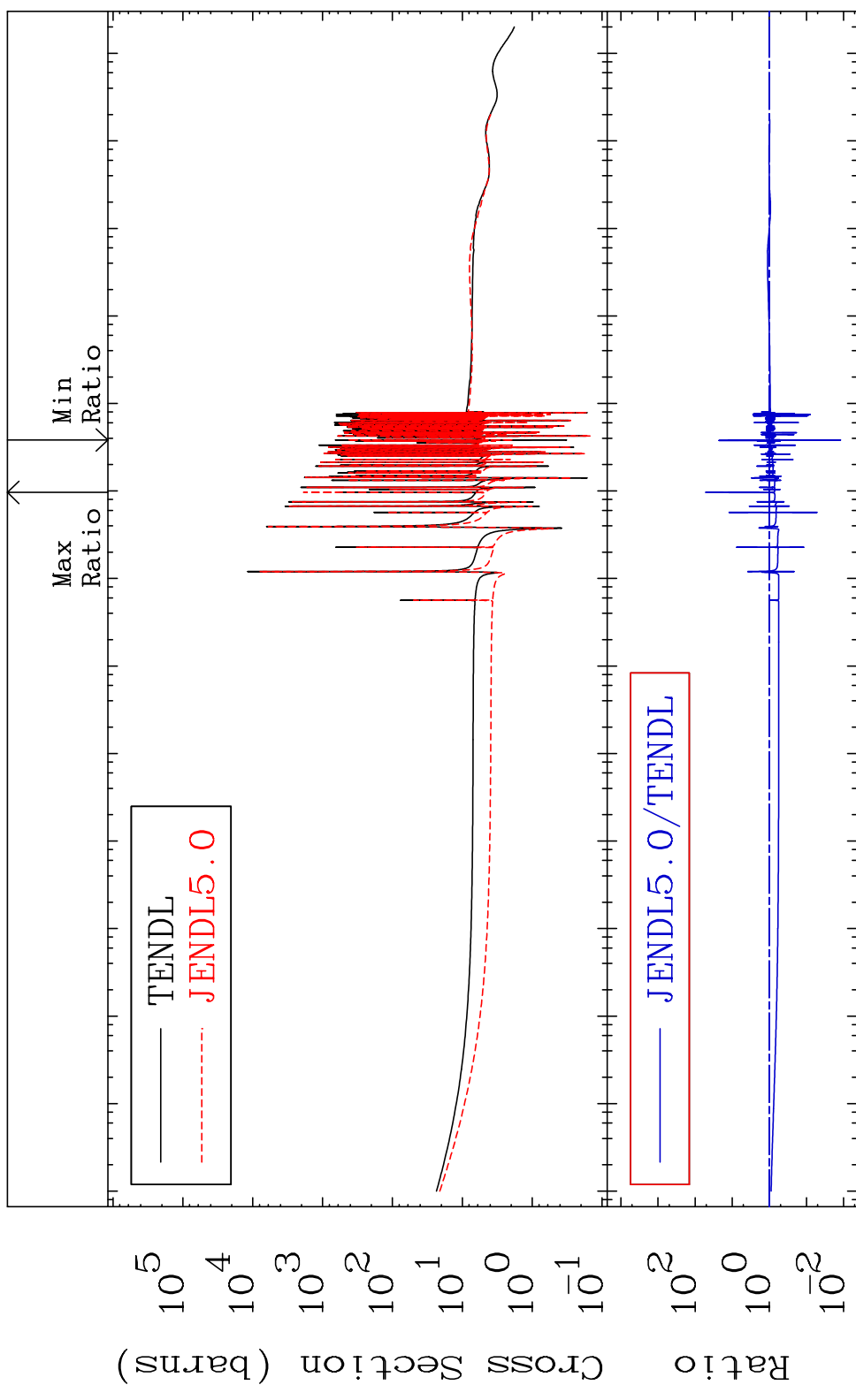
MAT 4849

Total

48-Cd-114

Cross Section

-98.79 To 5061. %



10<sup>5</sup>  
10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>  
10<sup>-5</sup>

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

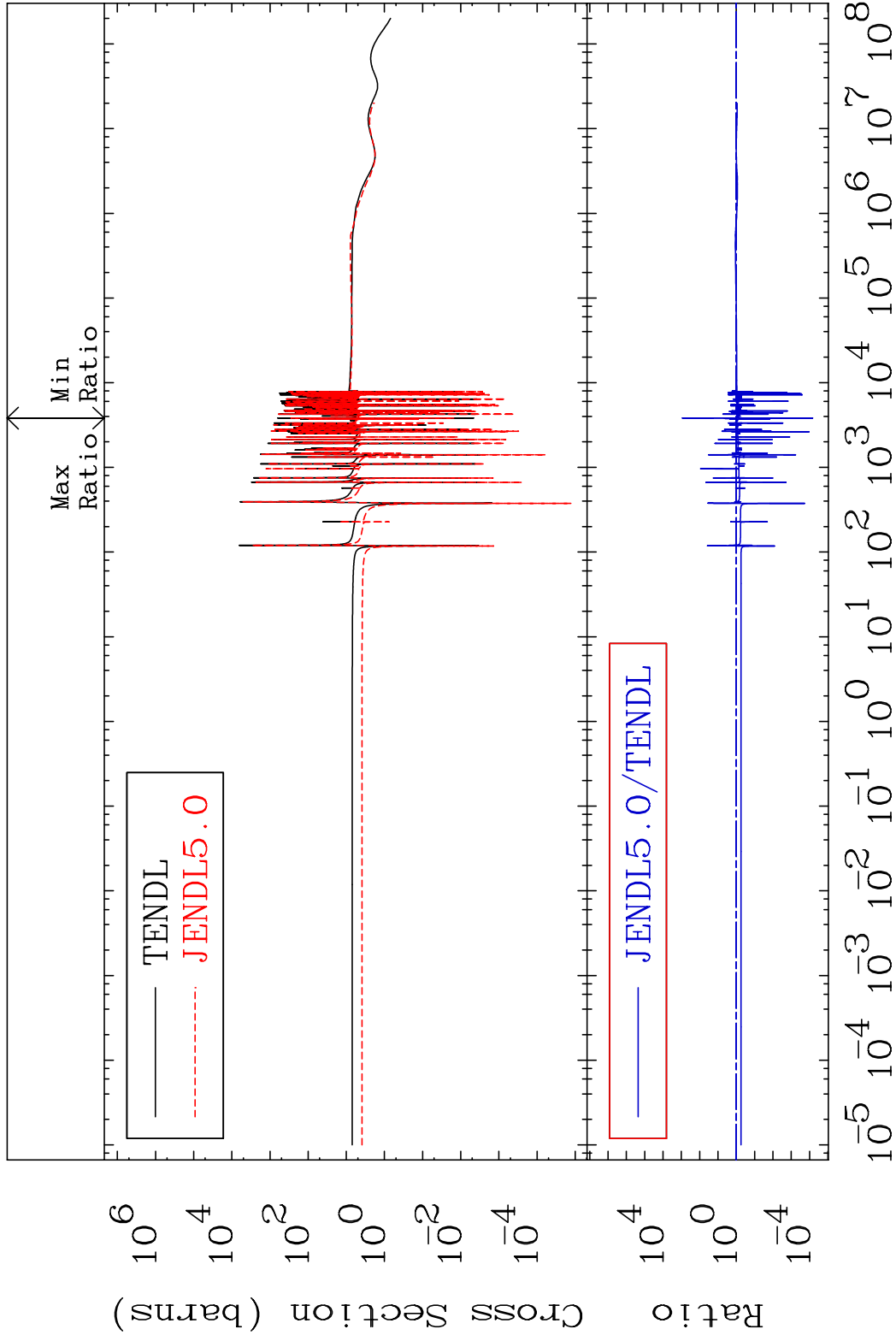
48-Cd-114

MAT 4849

Elastic

48-Cd-114

Cross Section -99.99 To 9999. %

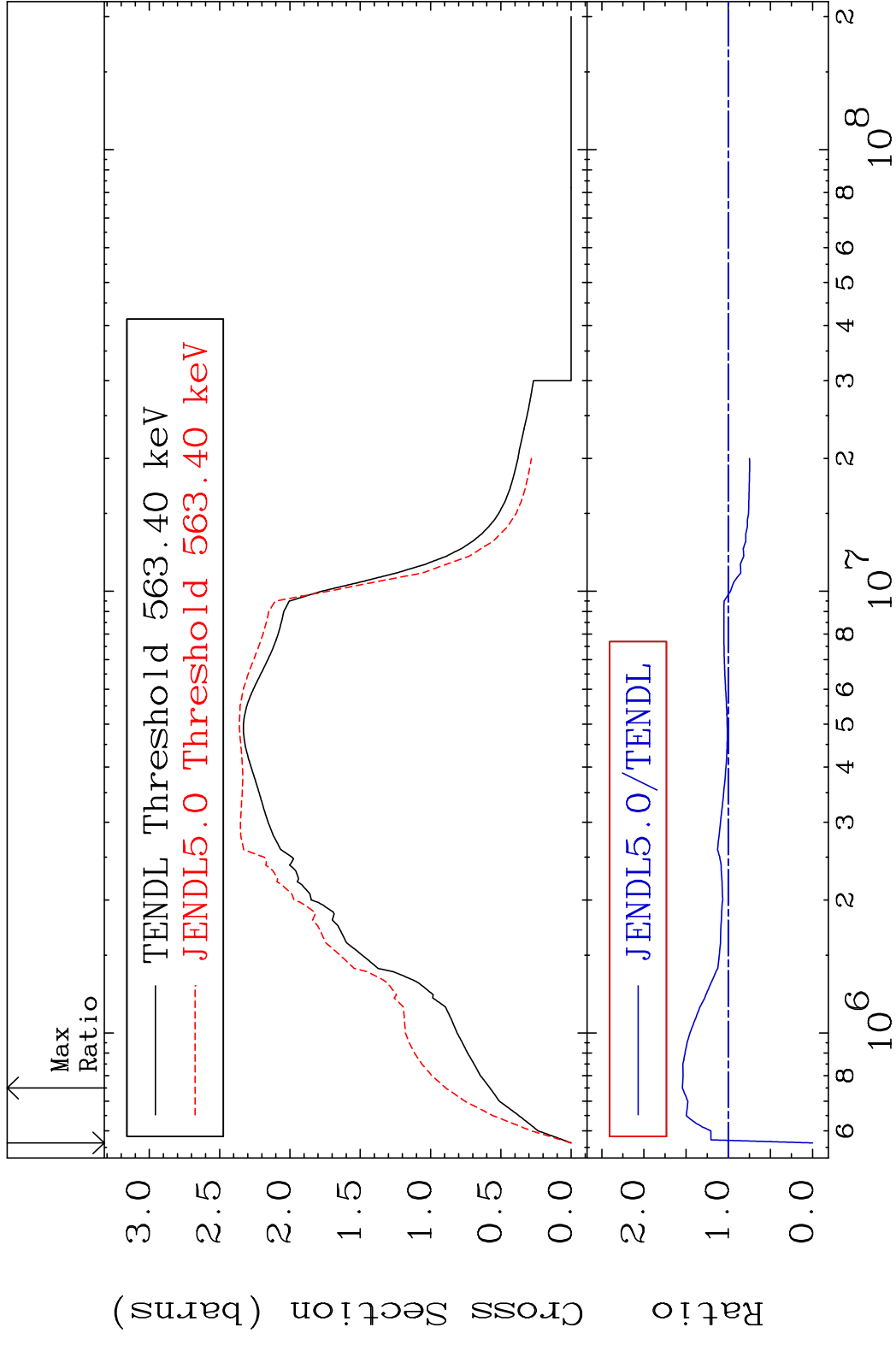


2

Incident Energy (eV)

48-Cd-114

MAT 4849 Inelastic 48-Cd-114  
 Cross Section -100.0 To 54.43 %

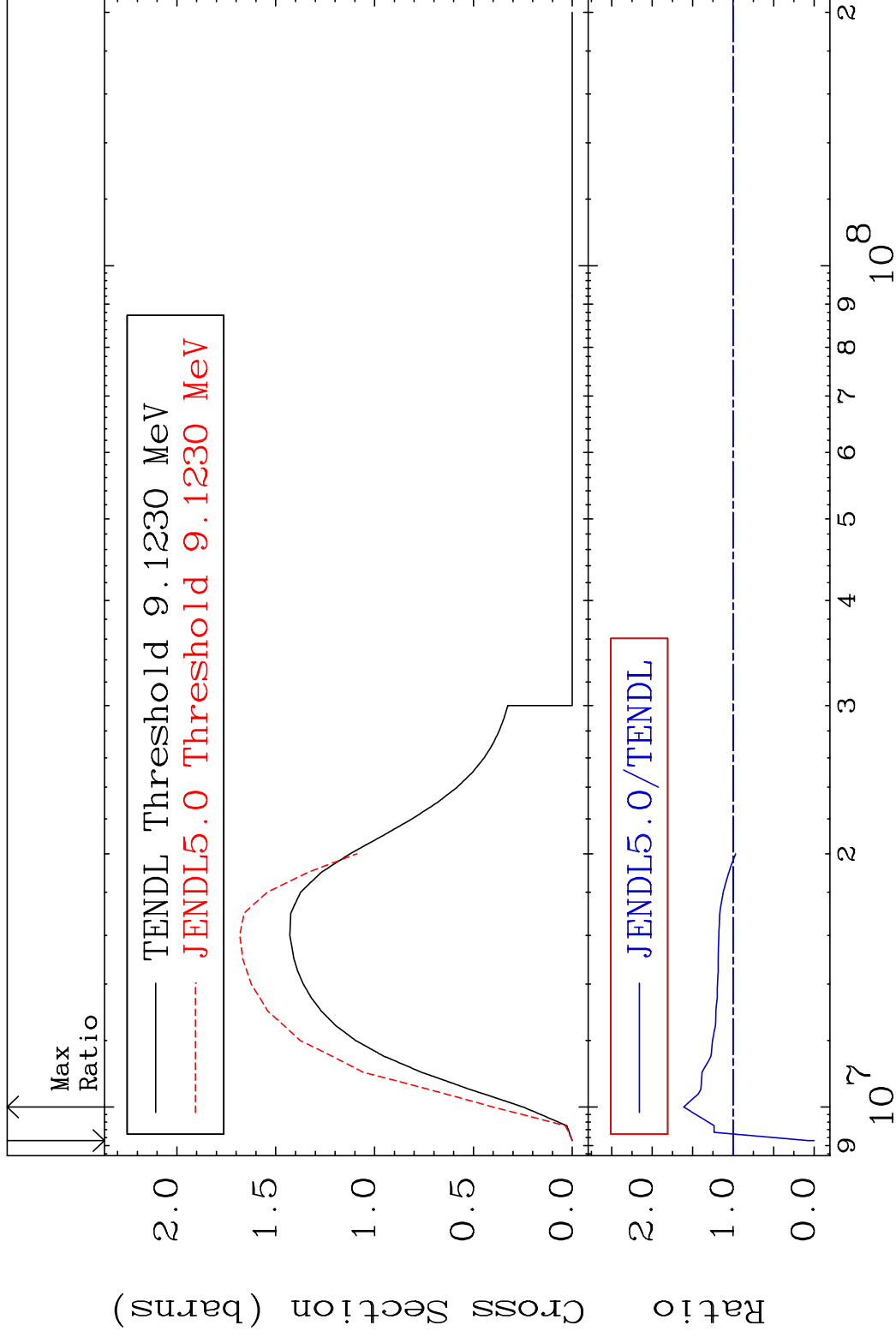


MAT 4849

(n,2n)

48-Cd-114

Cross Section -100.0 To 61.14 %



4

Incident Energy (eV)

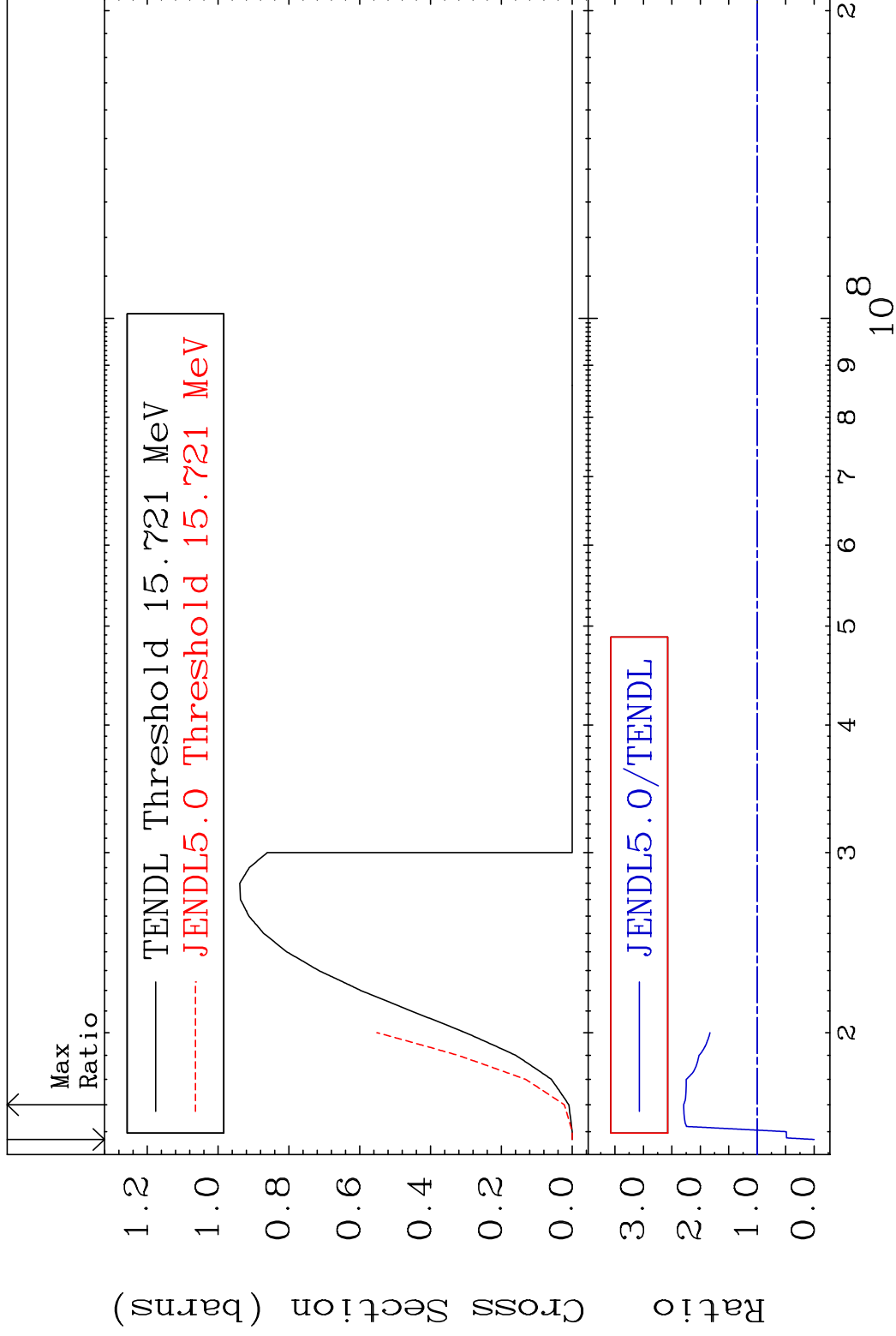
48-Cd-114

MAT 4849

(n,3n)

48-Cd-114

Cross Section -100.0 To 129.3 %



5

Incident Energy (eV)

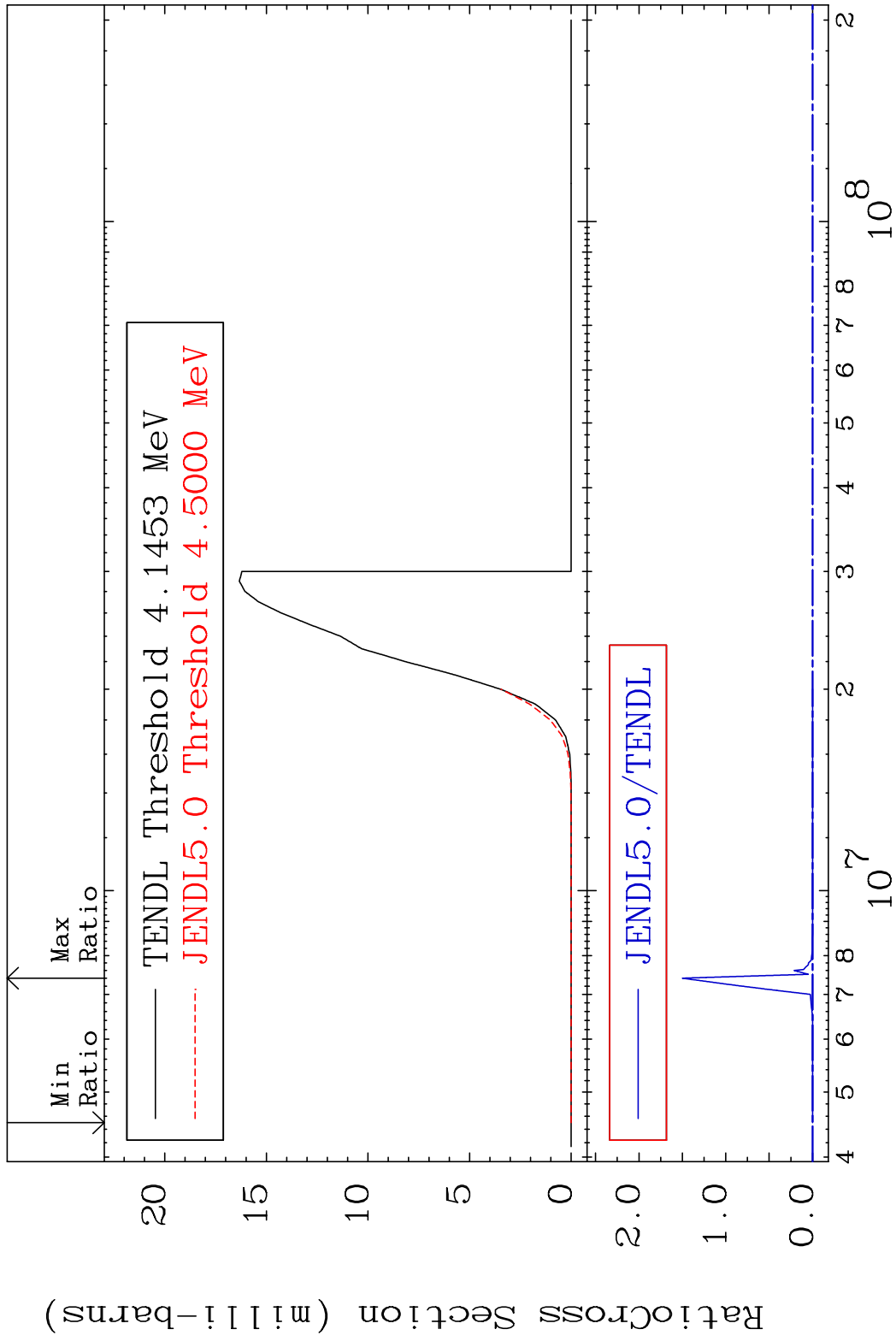
48-Cd-114

MAT 4849

(n, n')  $\alpha$

48-Cd-114

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

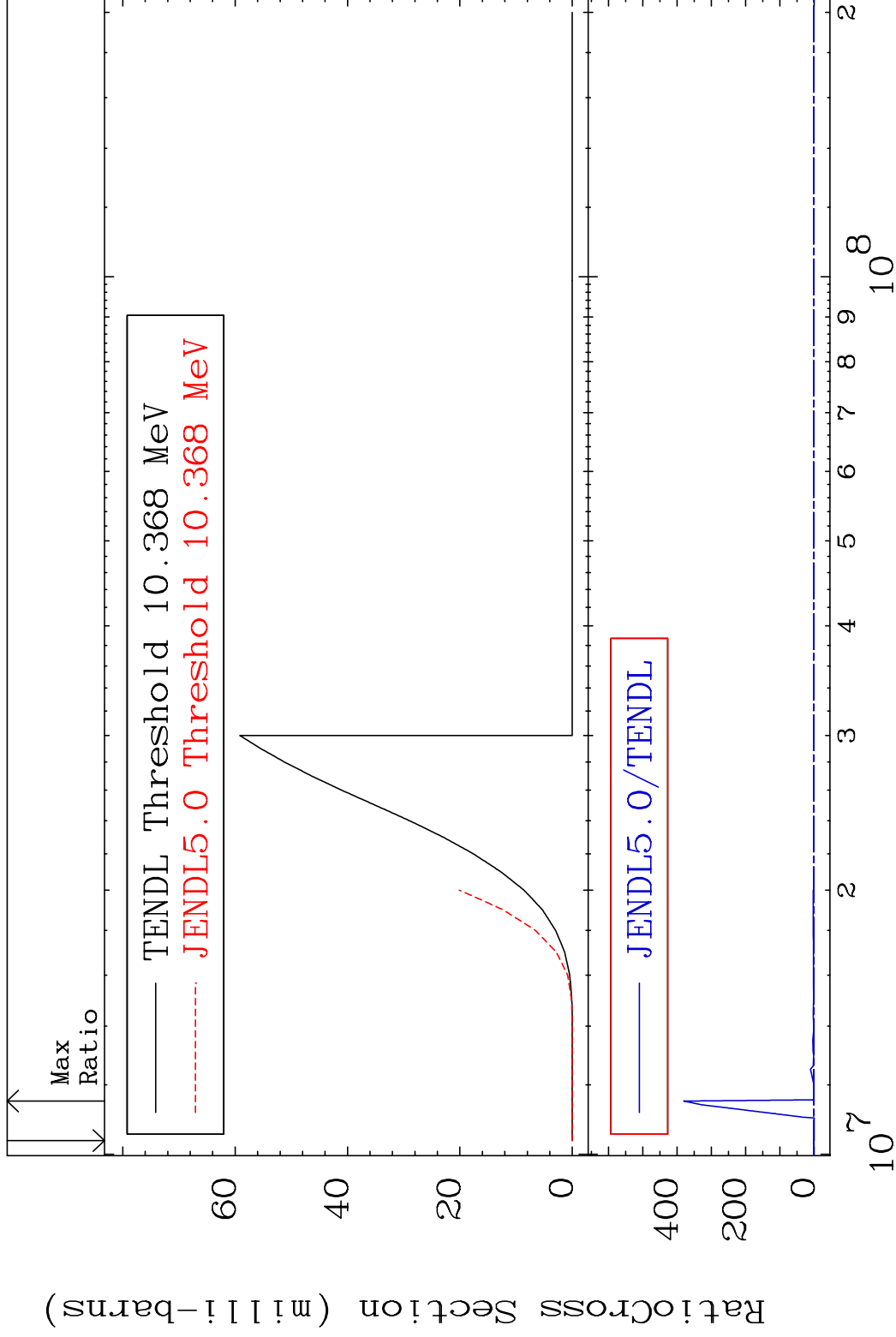
48-Cd-114

MAT 4849

(n, n') p

48-Cd-114

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

48-Cd-114

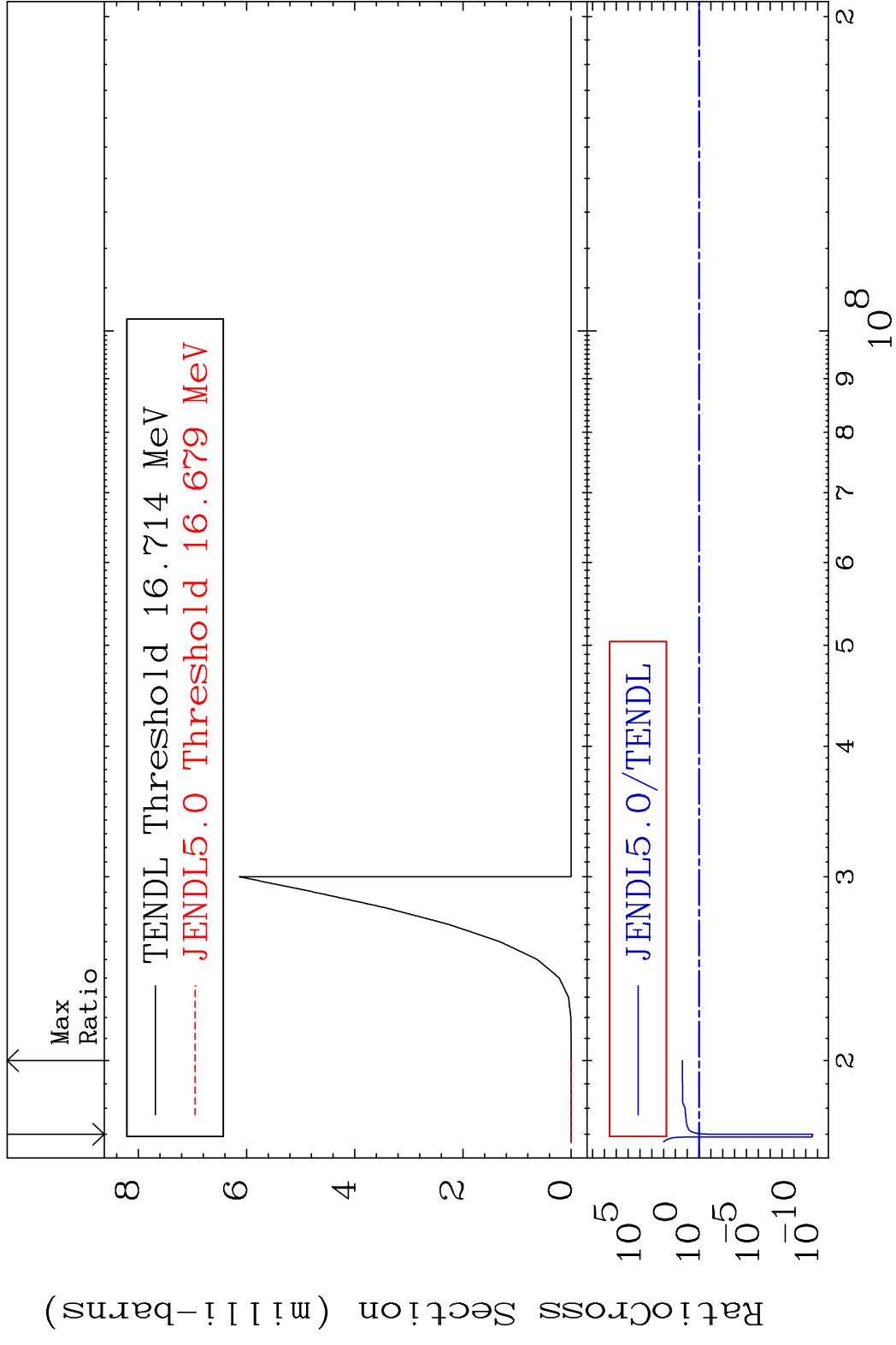


MAT 4849

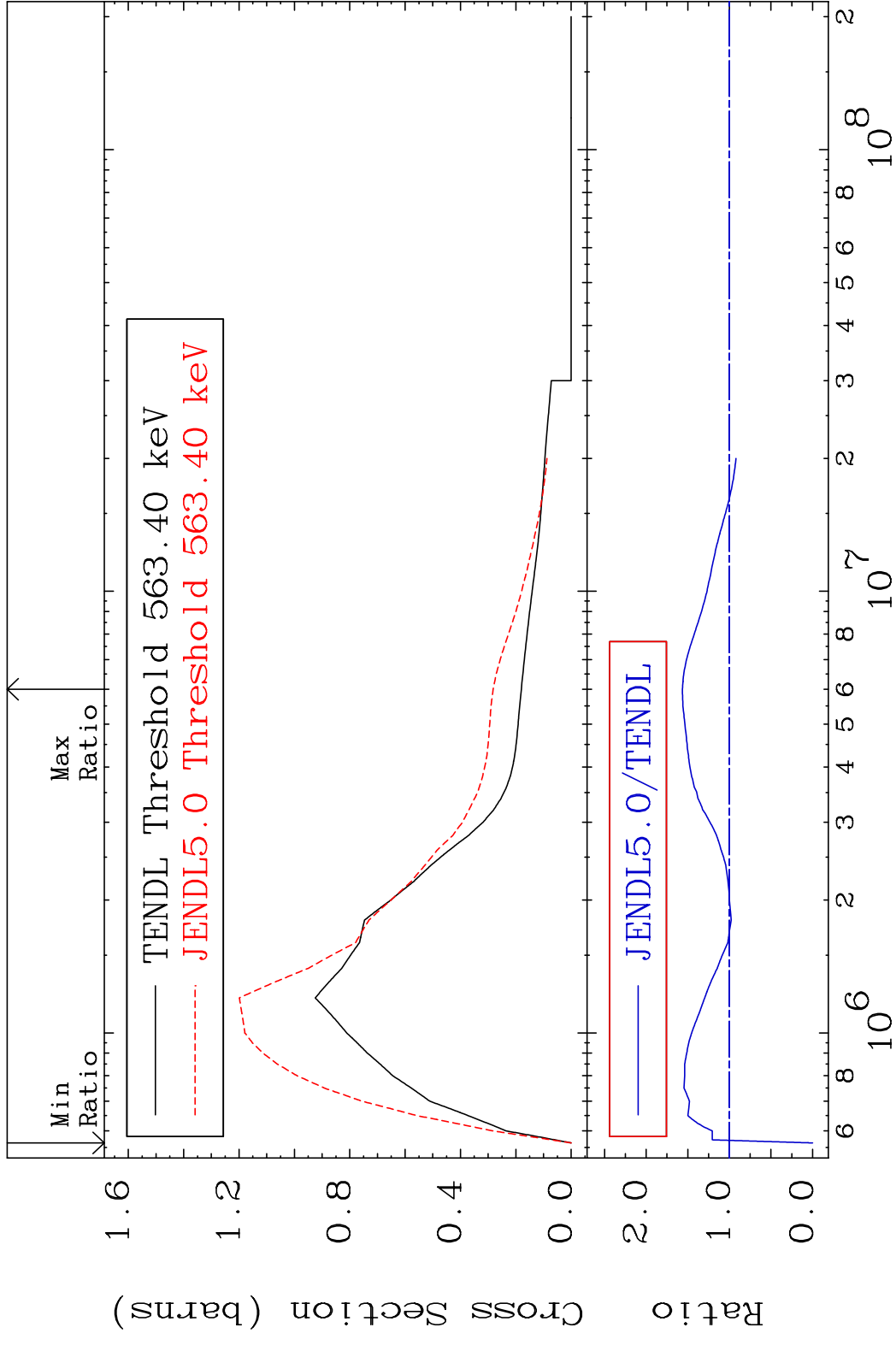
(n, n') d

48-Cd-114

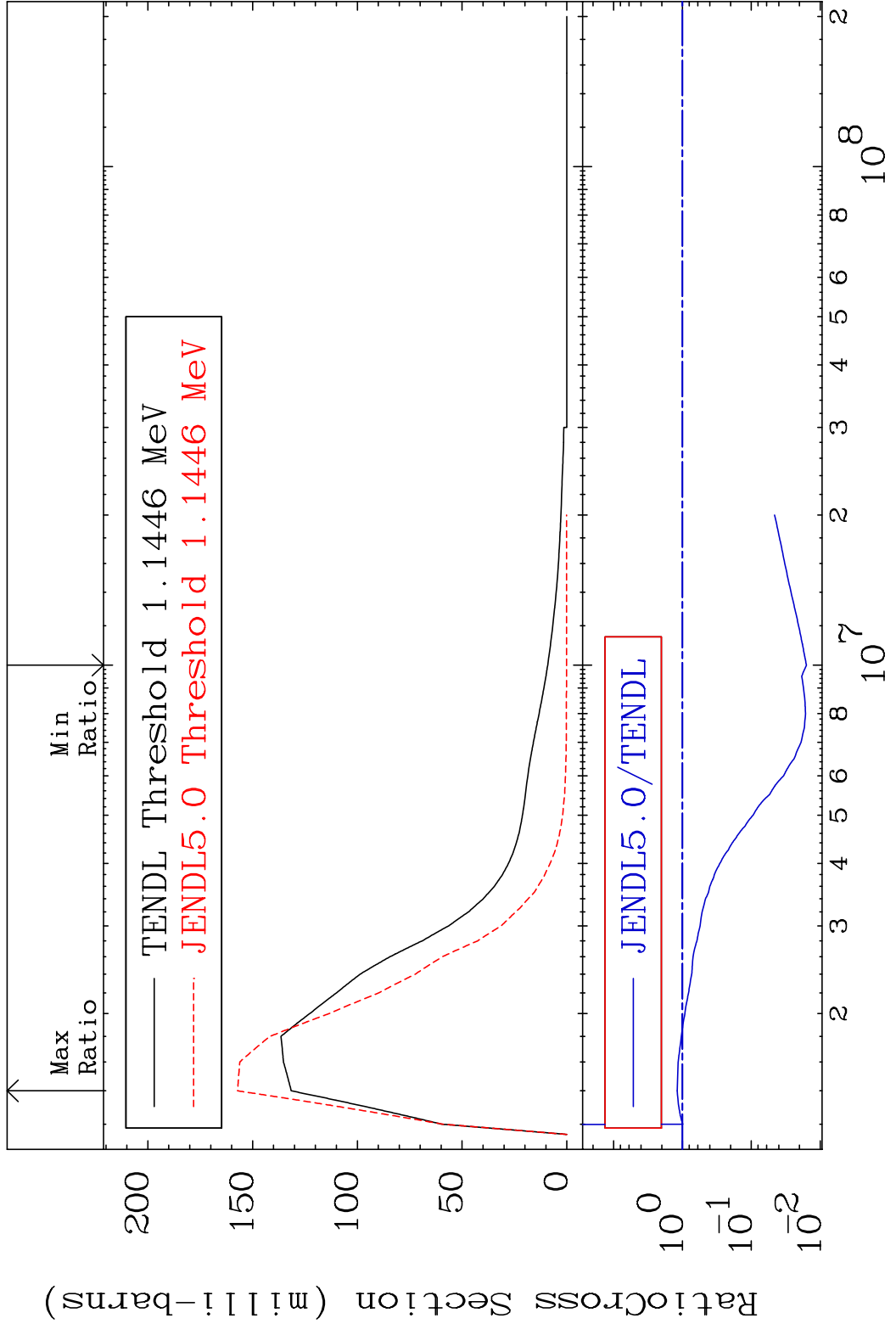
Cross Section -100.0 To 2504. %



MAT 4849 MT= 51 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 56.49 %

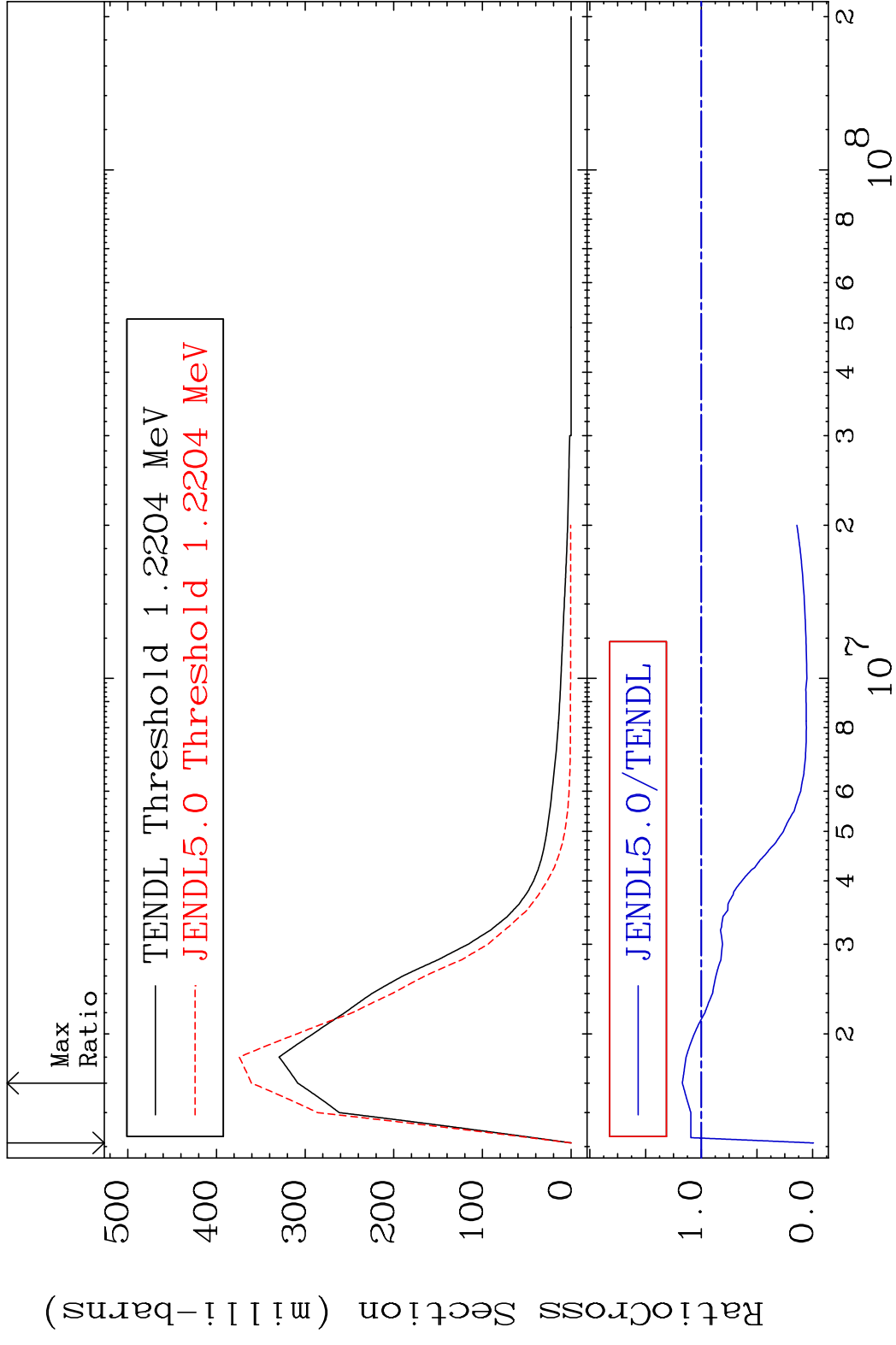


MAT 4849 MT= 52 (n, n') Level 48-Cd-114  
 Cross Section -98.41 To 19.48 %

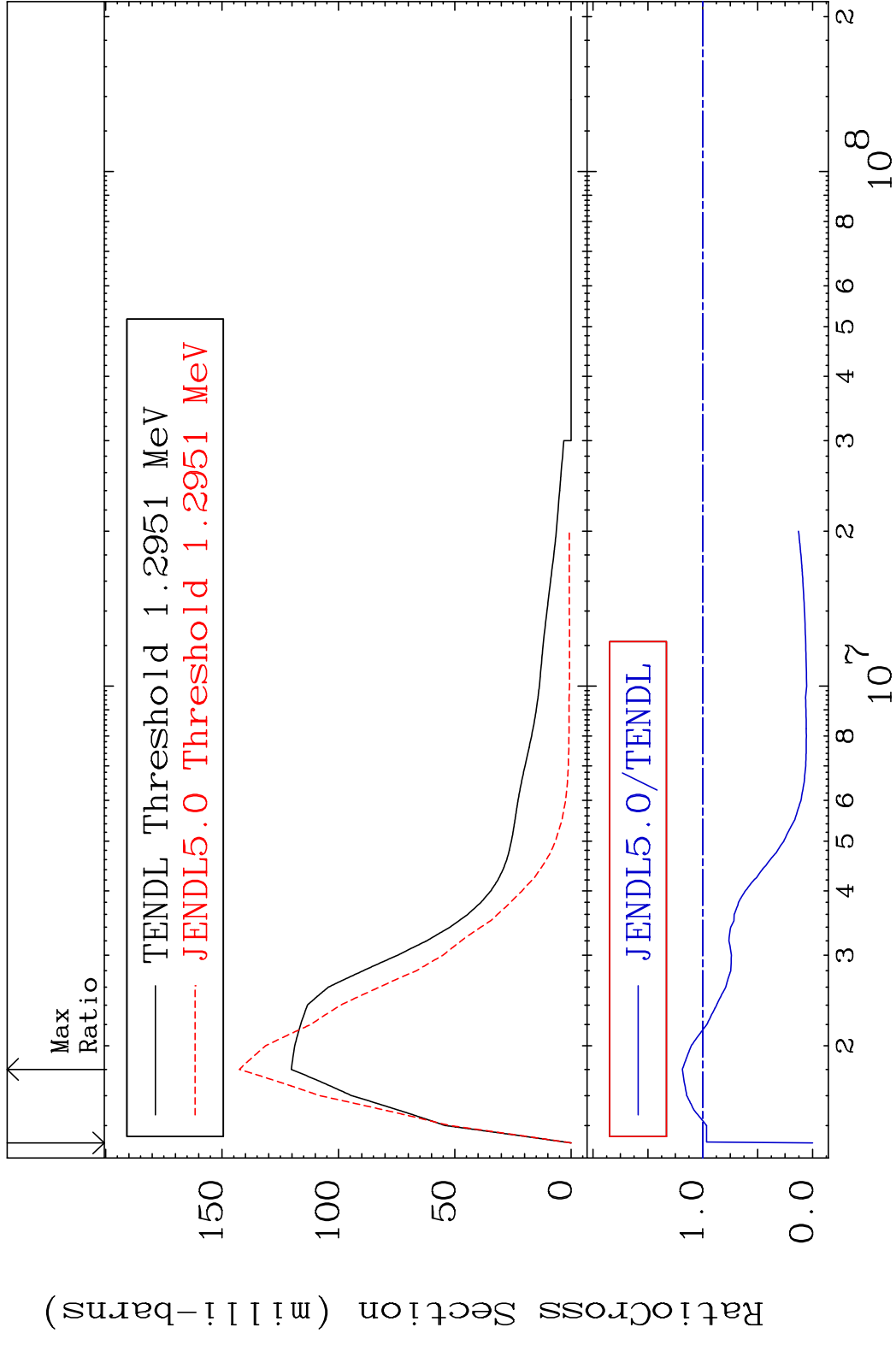


10 Incident Energy (eV) 48-Cd-114

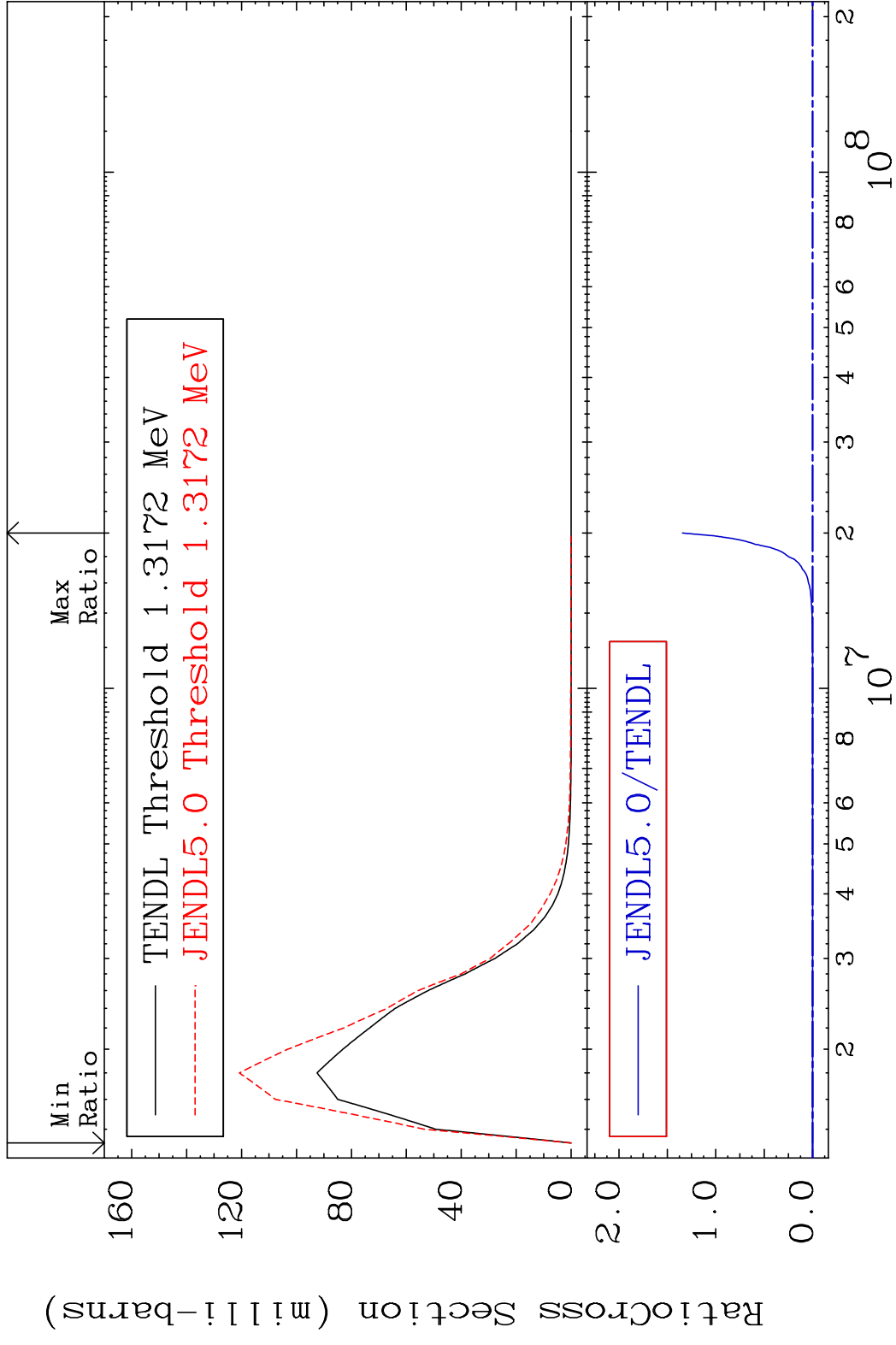
MAT 4849 MT= 53 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 16.95 %



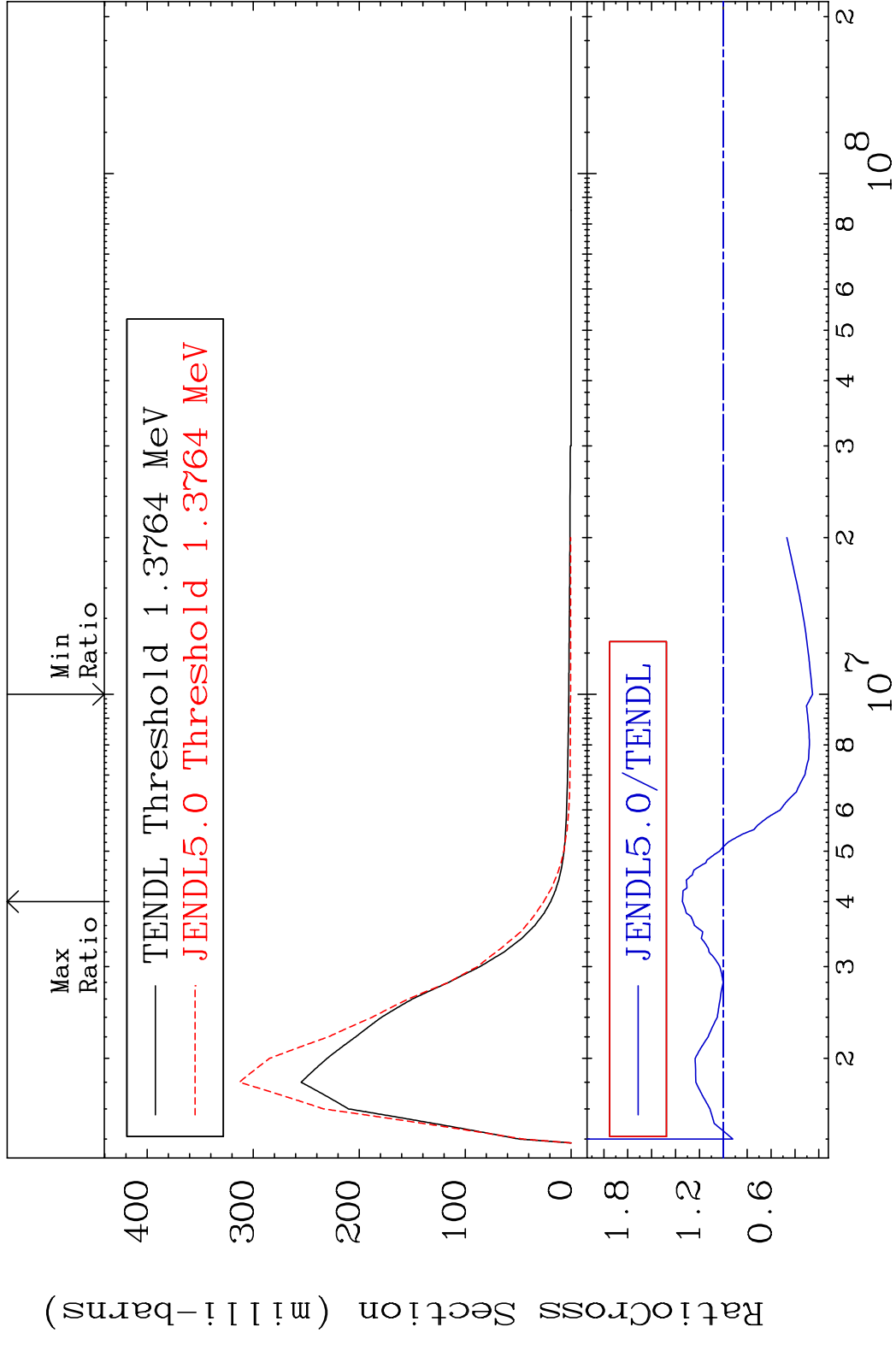
MAT 4849 MT= 54 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 18.57 %



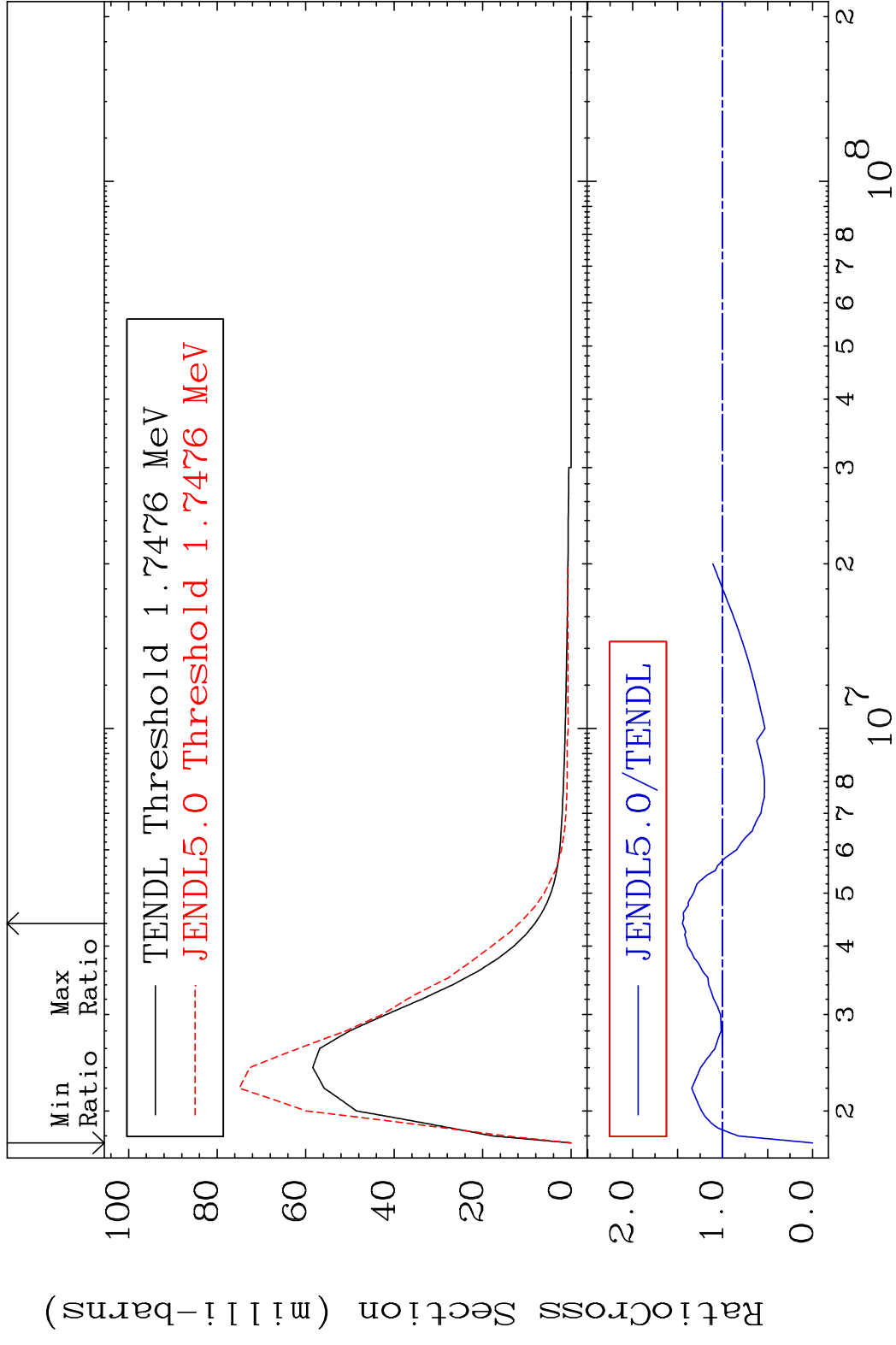
MAT 4849 MT= 55 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 56 (n, n') Level 48-Cd-114  
 Cross Section -74.74 To 34.27 %



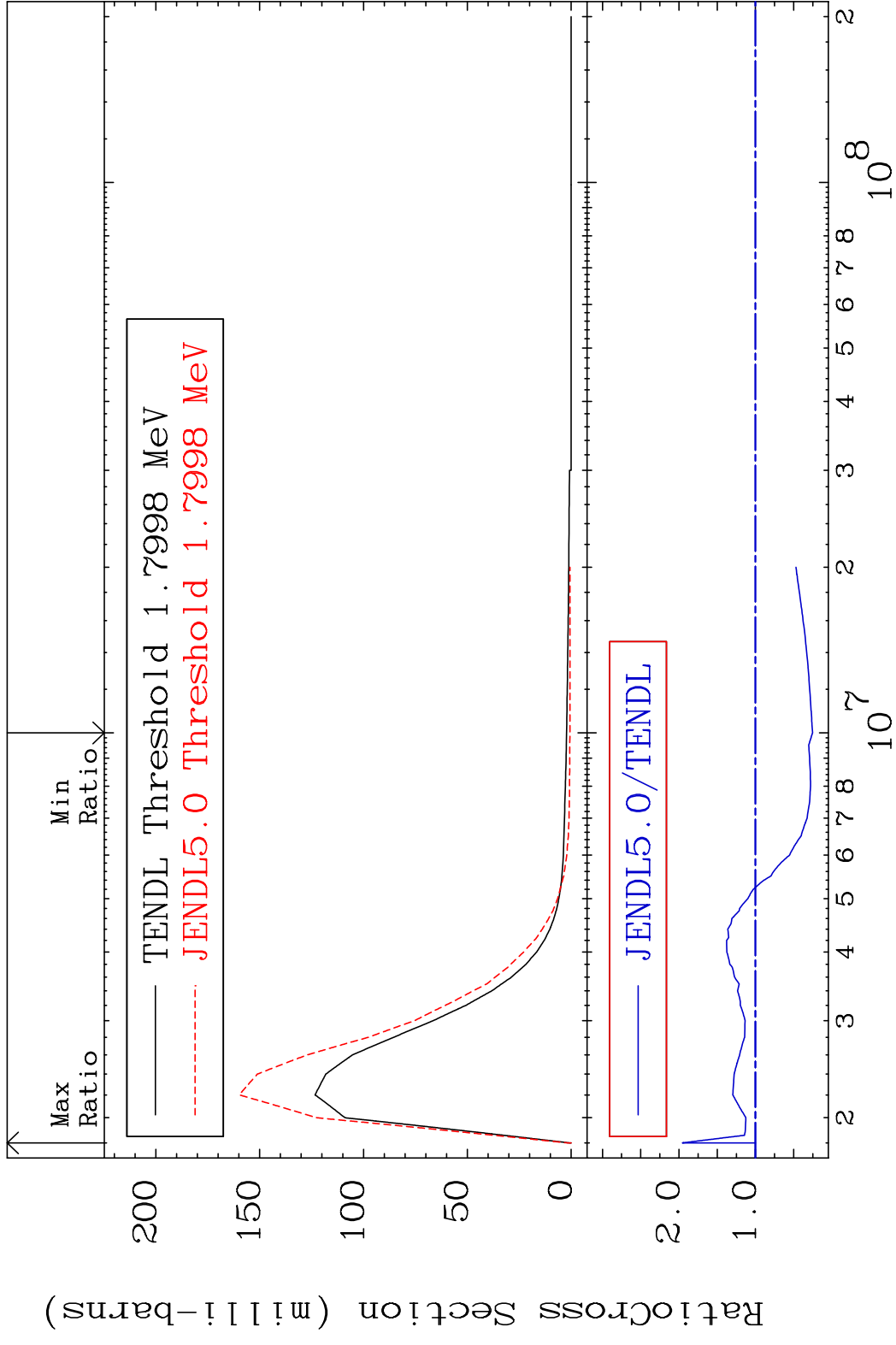
MAT 4849 MT= 57 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 44.74 %



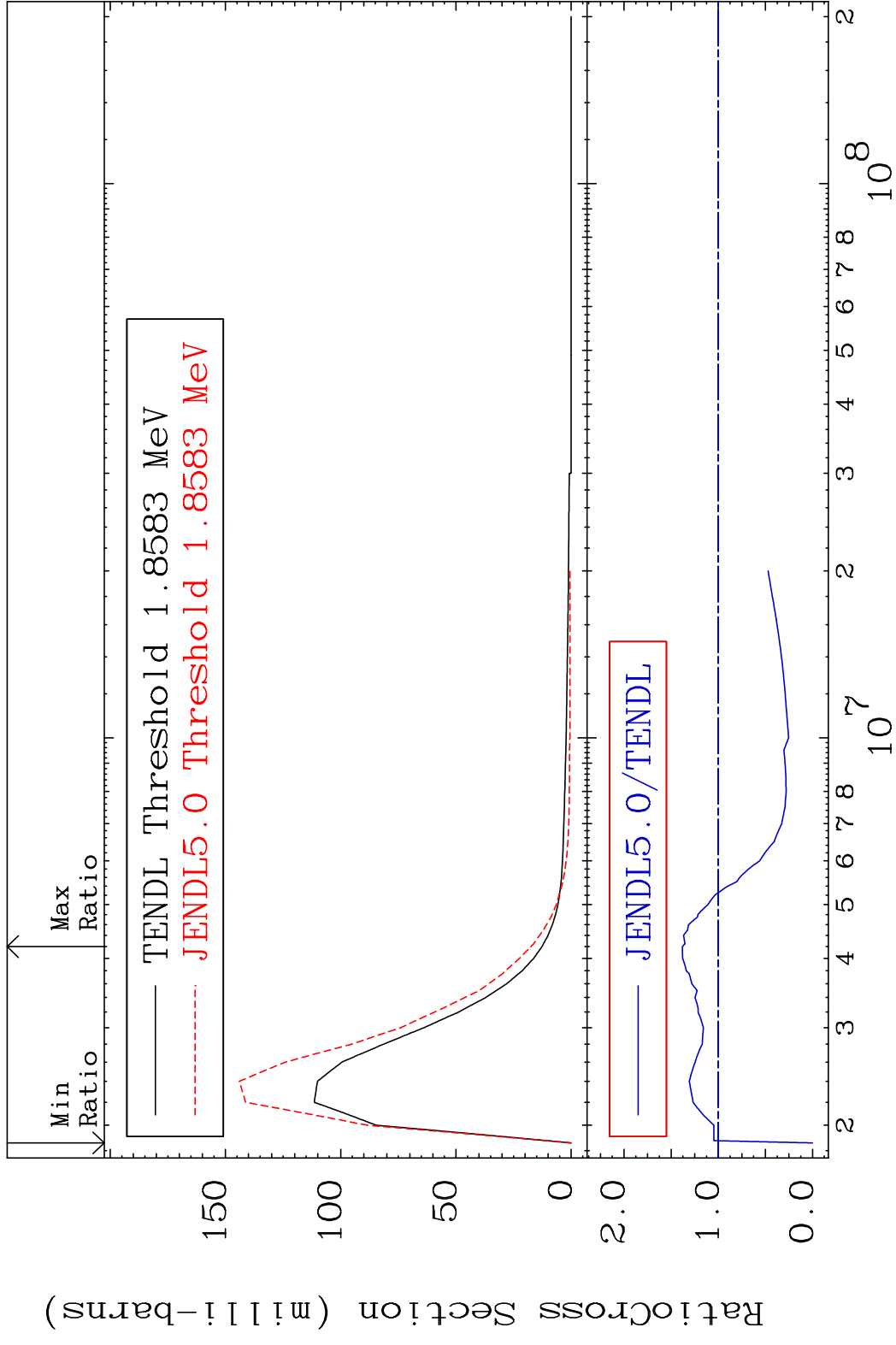
15 Incident Energy (eV) 48-Cd-114



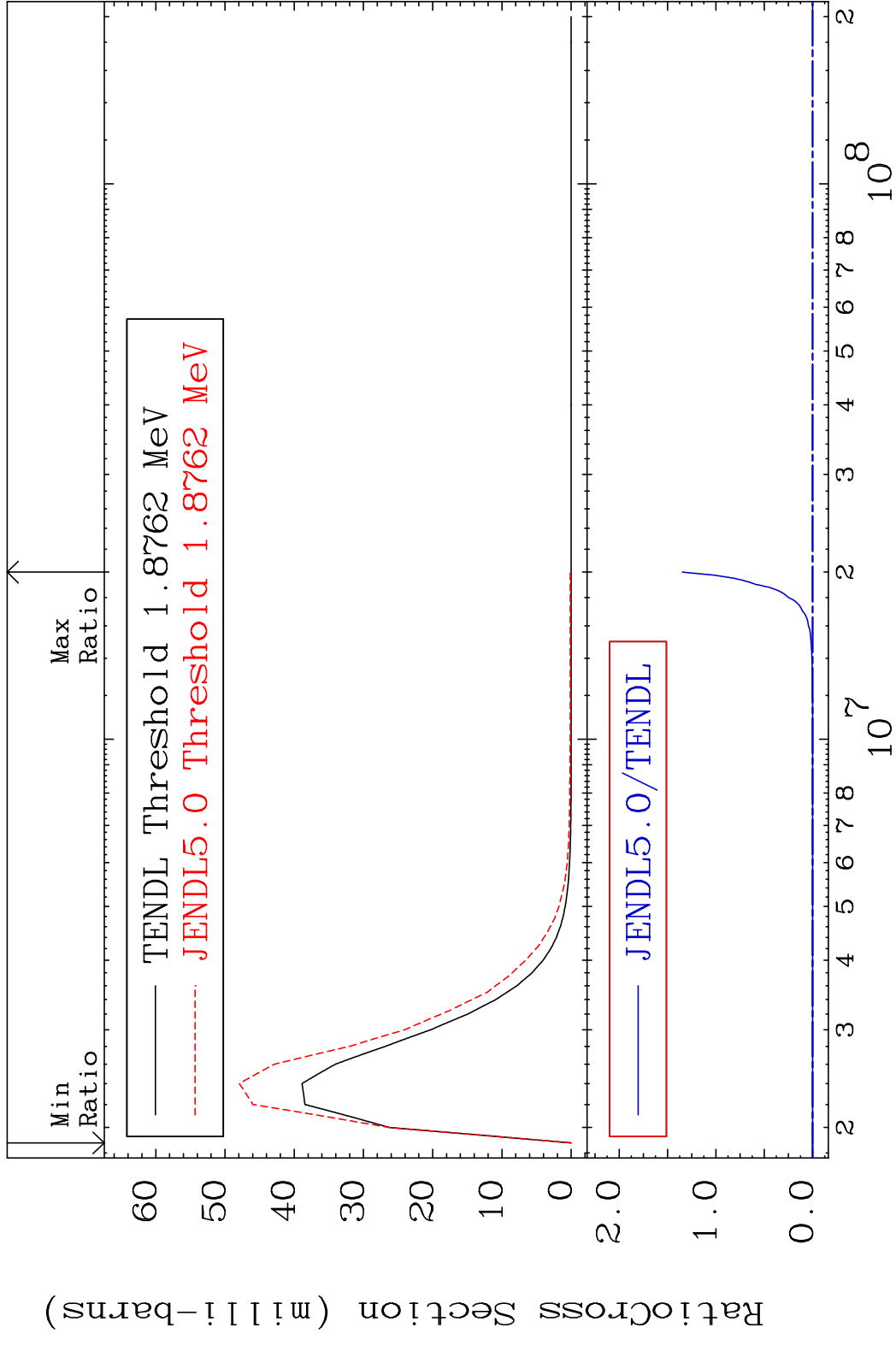
MAT 4849 MT= 58 (n,n') Level 48-Cd-114  
 Cross Section -74.64 To 95.58 %



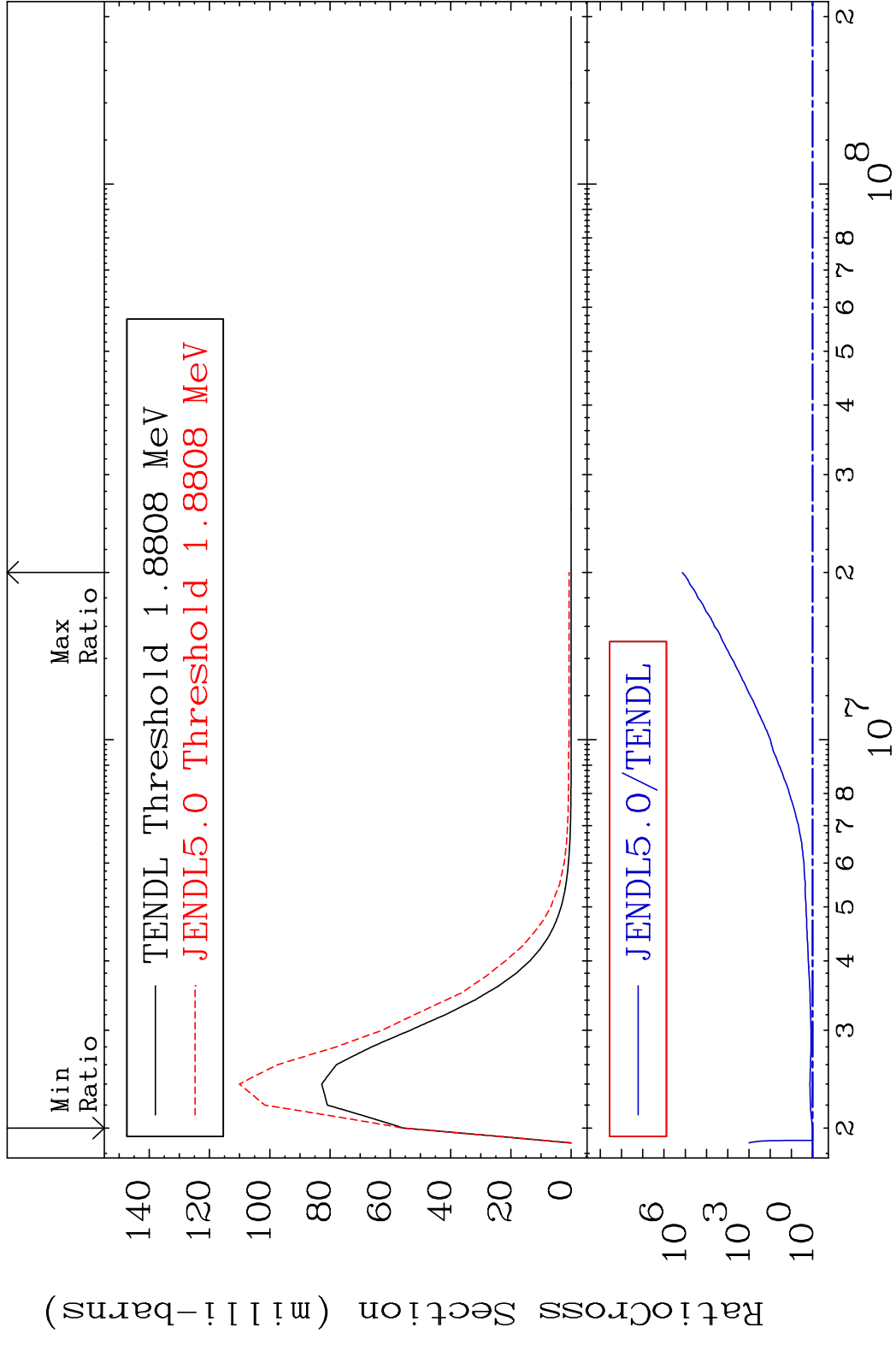
MAT 4849 MT= 59 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 38.10 %



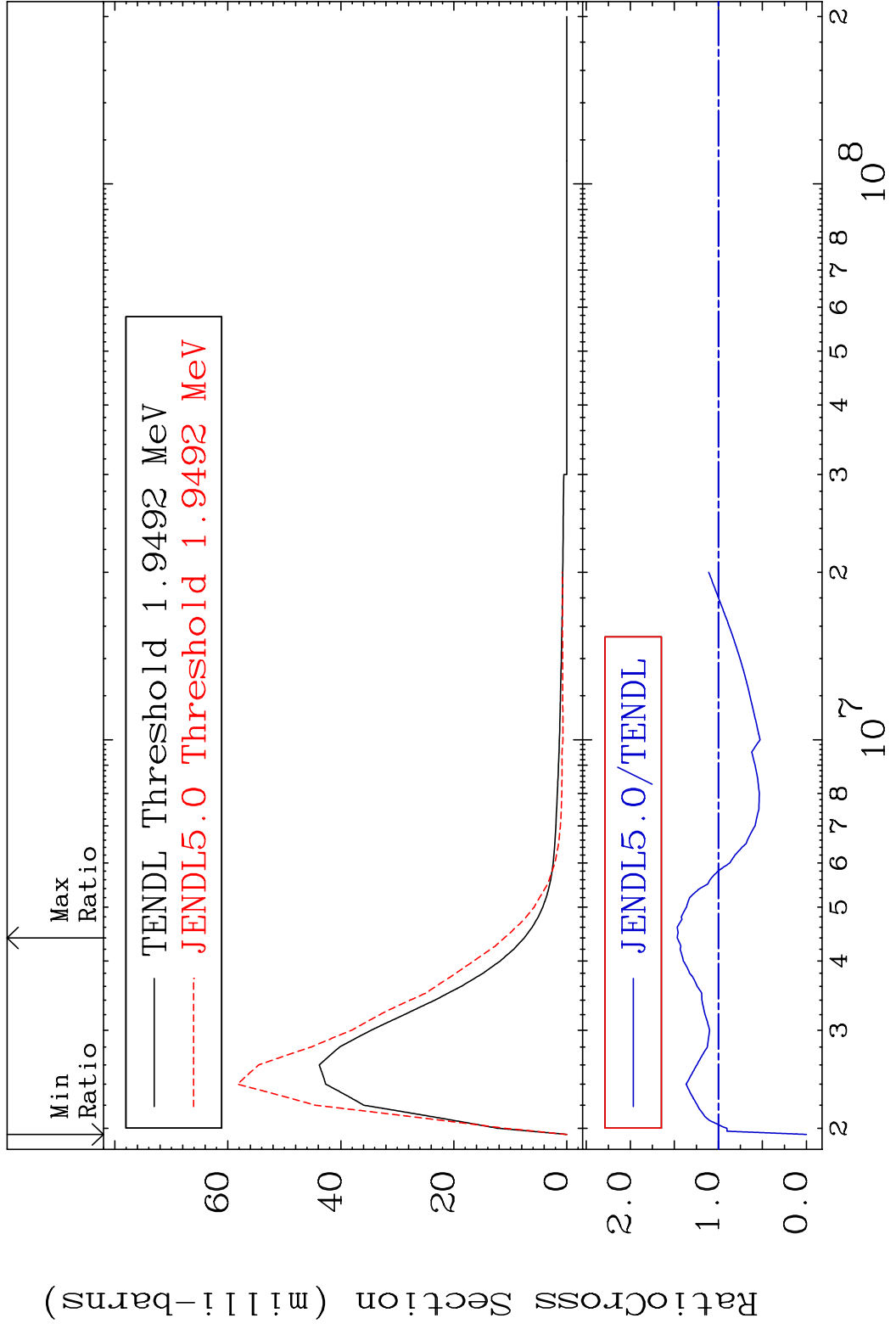
MAT 4849 MT= 60 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 61 (n, n') Level 48-Cd-114  
 Cross Section 0.108 To 9999. %

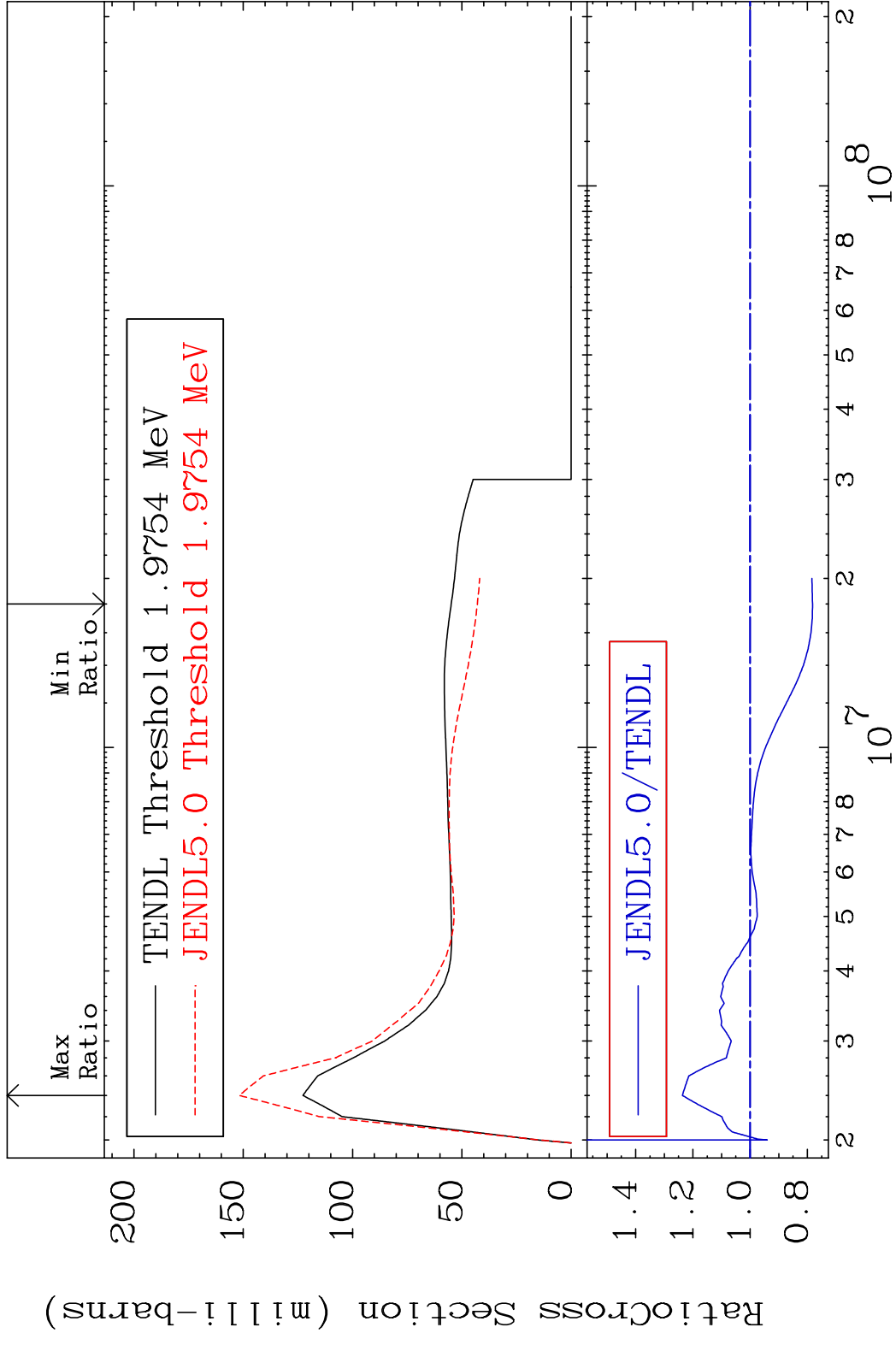


MAT 4849 MT= 62 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 46.76 %

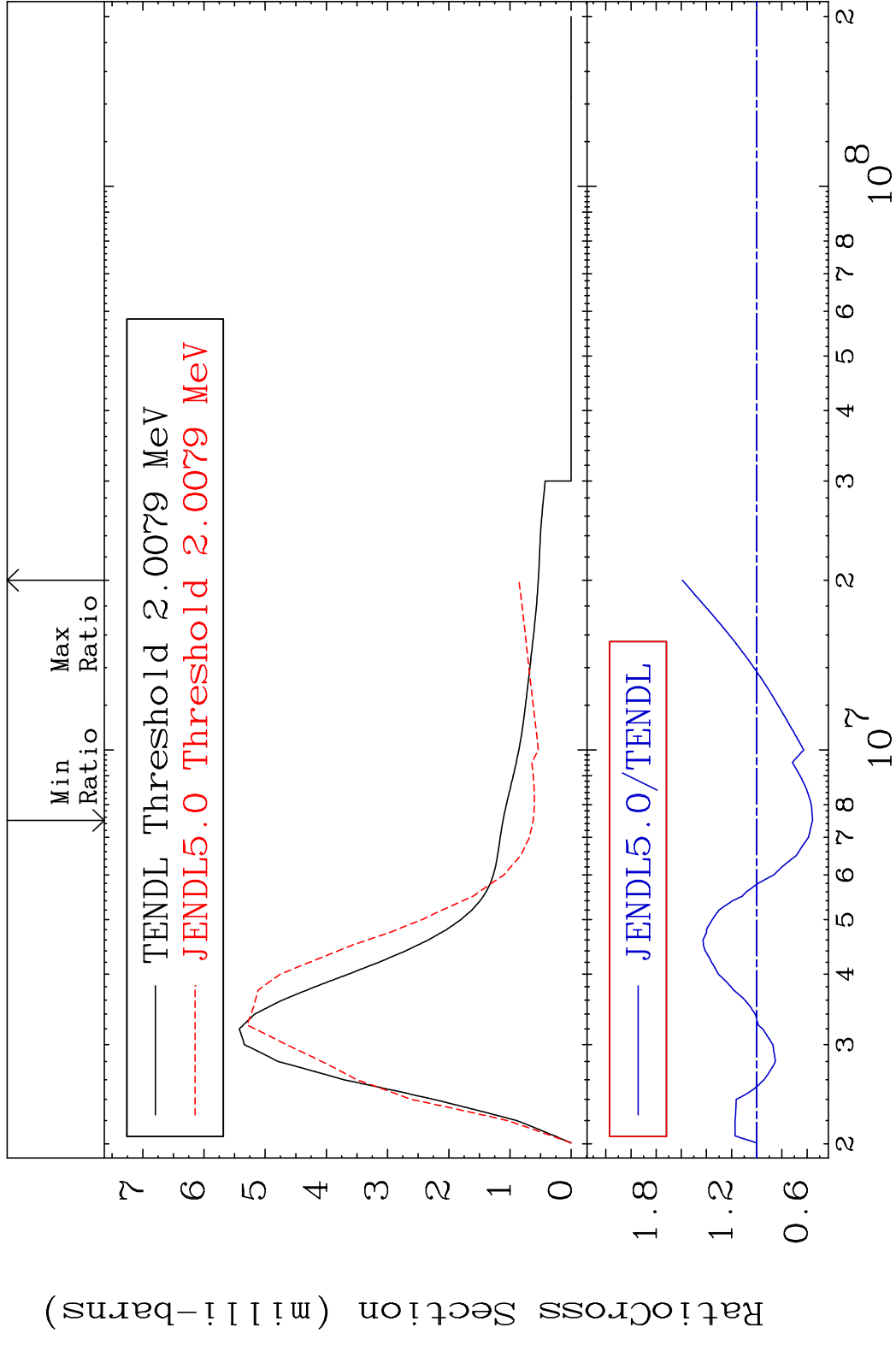


20 Incident Energy (eV) 48-Cd-114

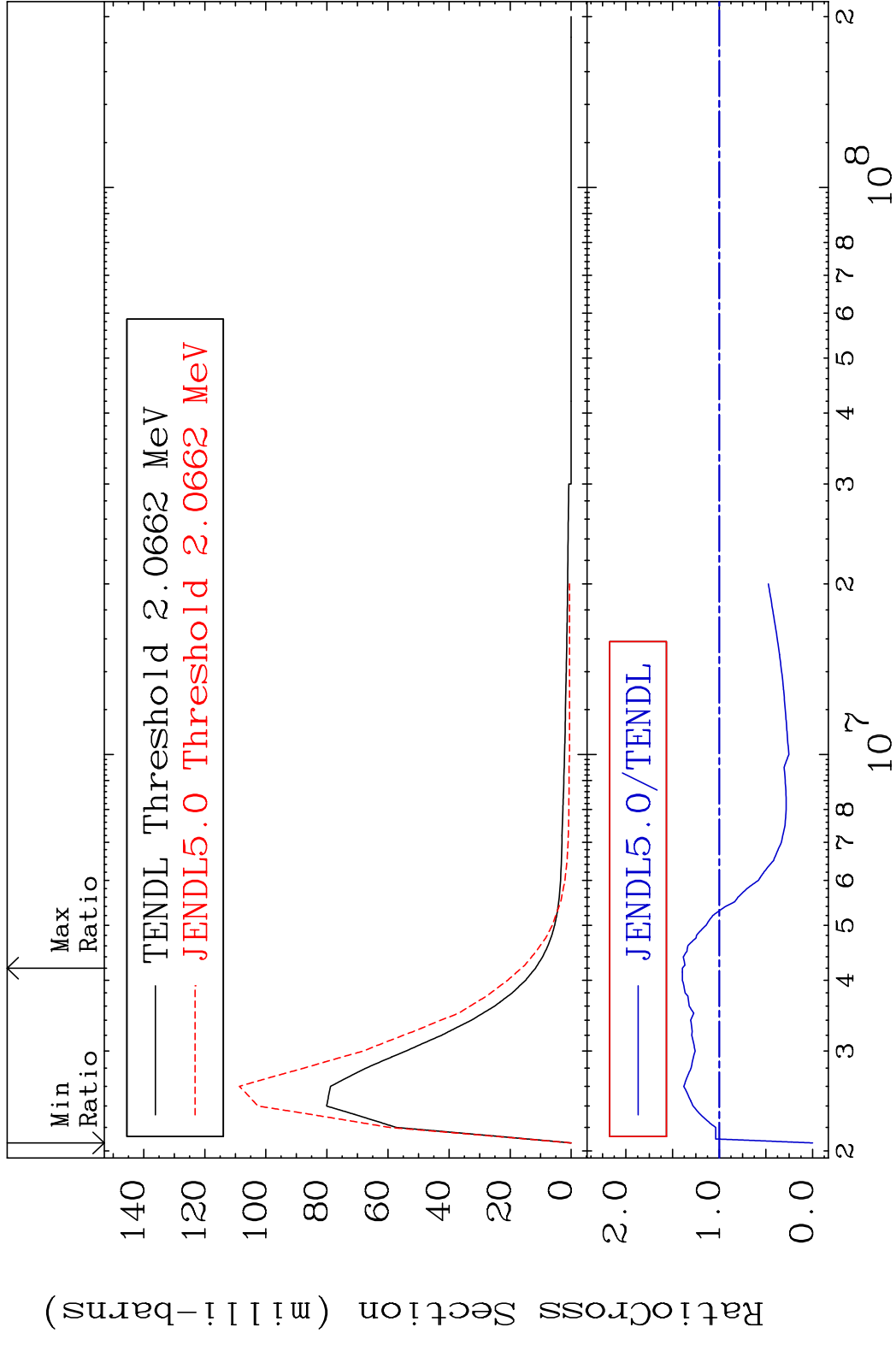
MAT 4849 MT= 63 (n, n') Level 48-Cd-114  
 Cross Section -21.81 To 23.69 %



MAT 4849 MT= 64 (n, n') Level 48-Cd-114  
 Cross Section -44.38 To 59.14 %

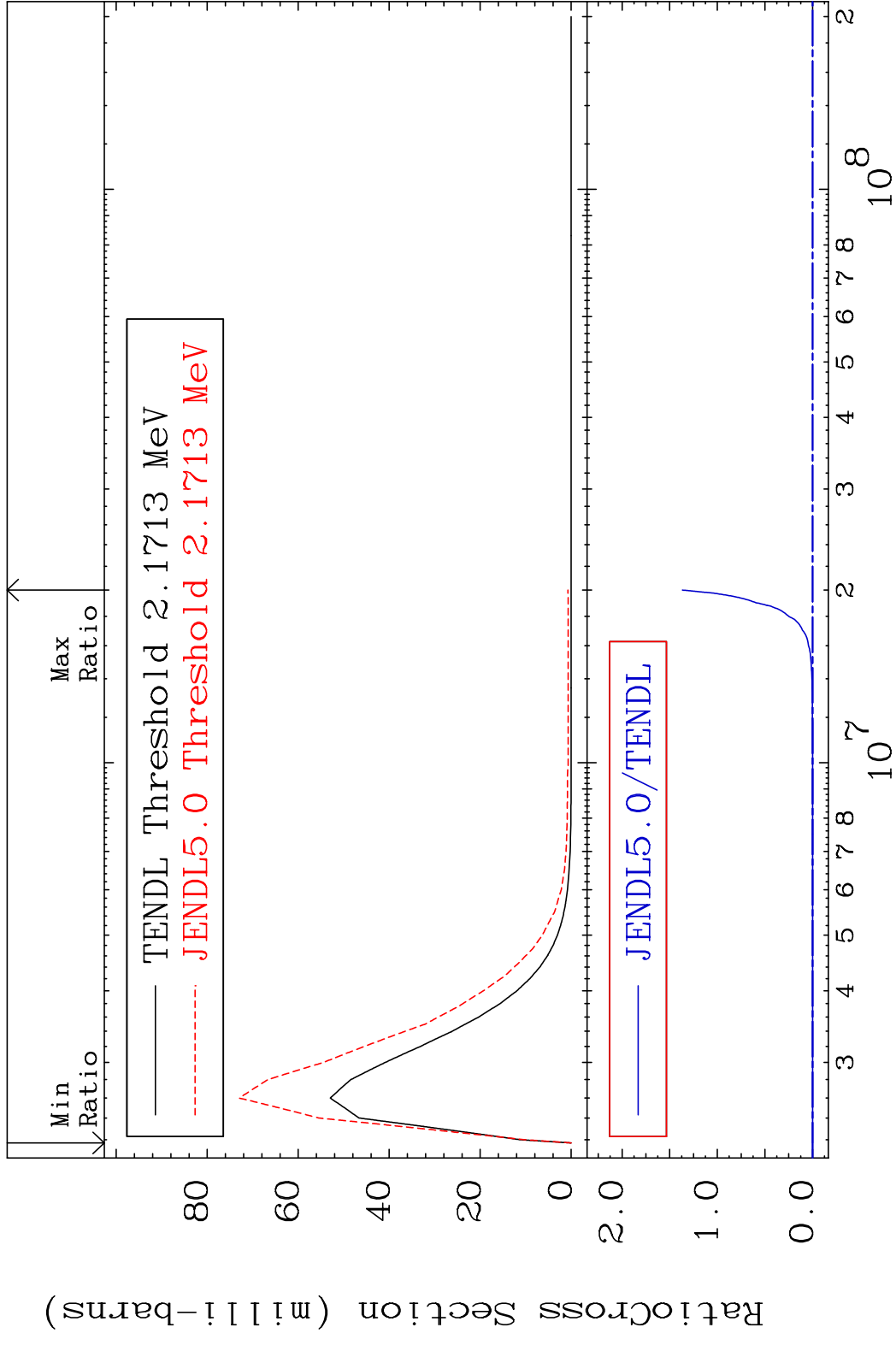


MAT 4849 MT= 65 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 39.53 %

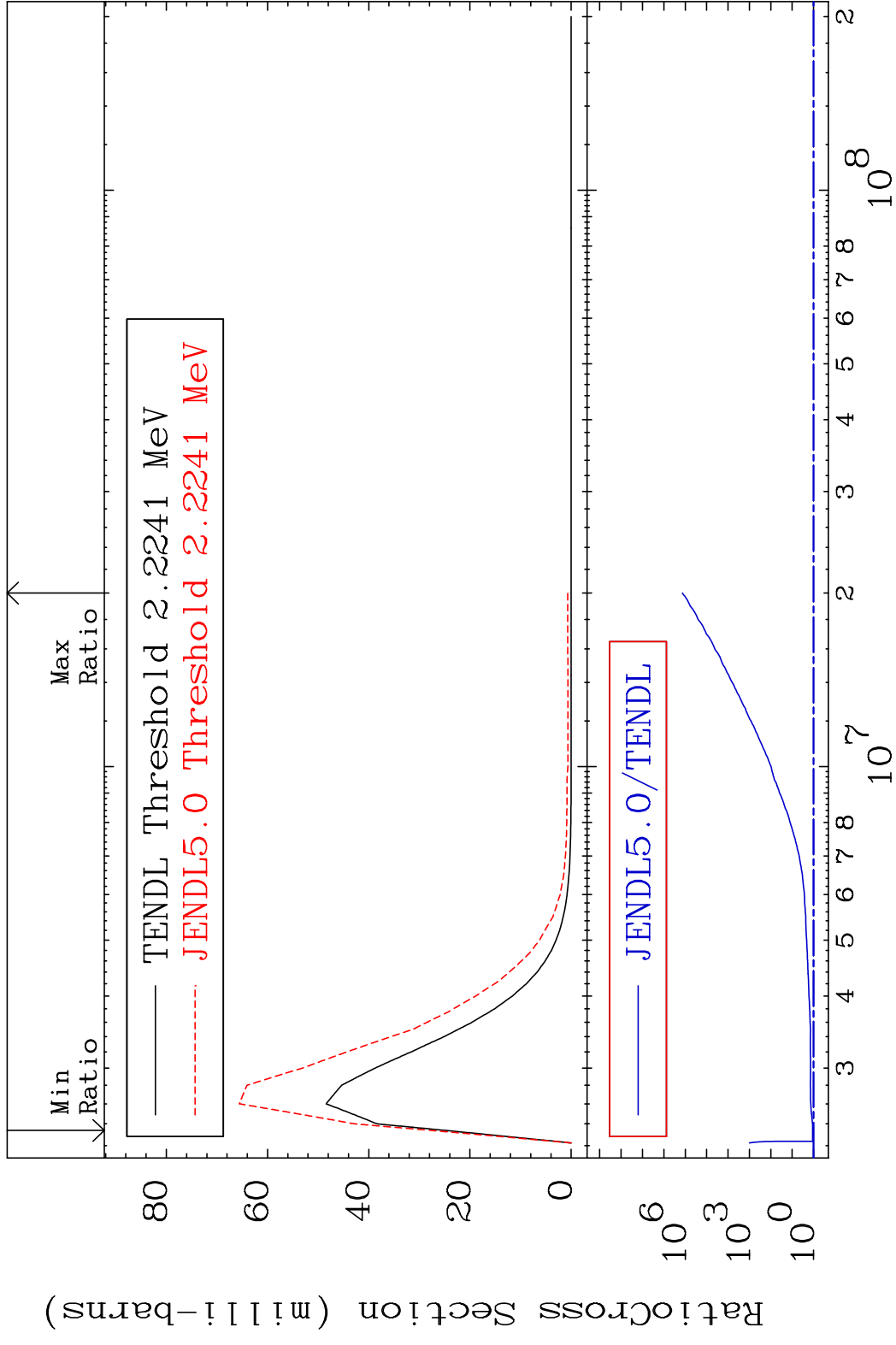




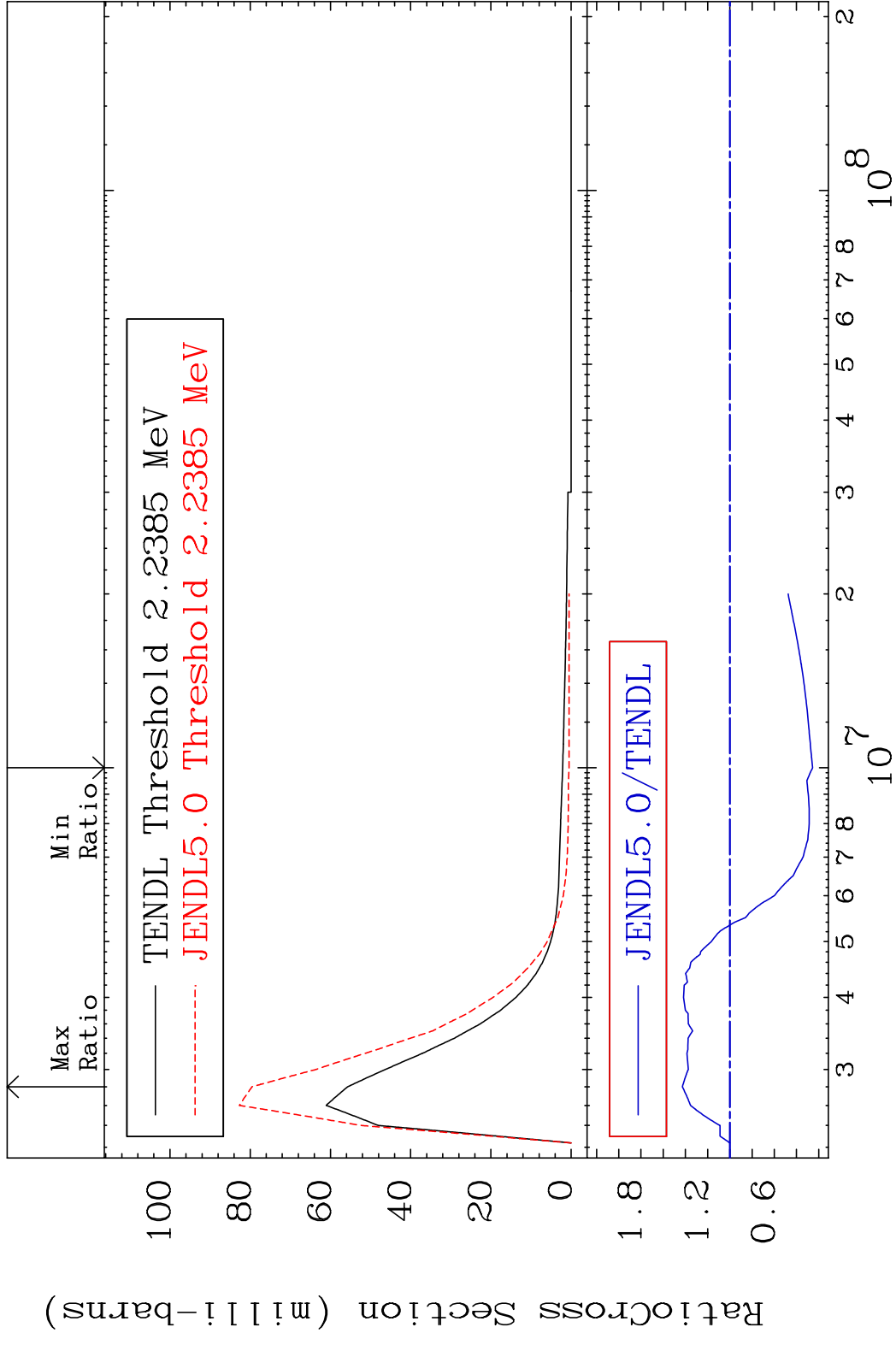
MAT 4849 MT= 66 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



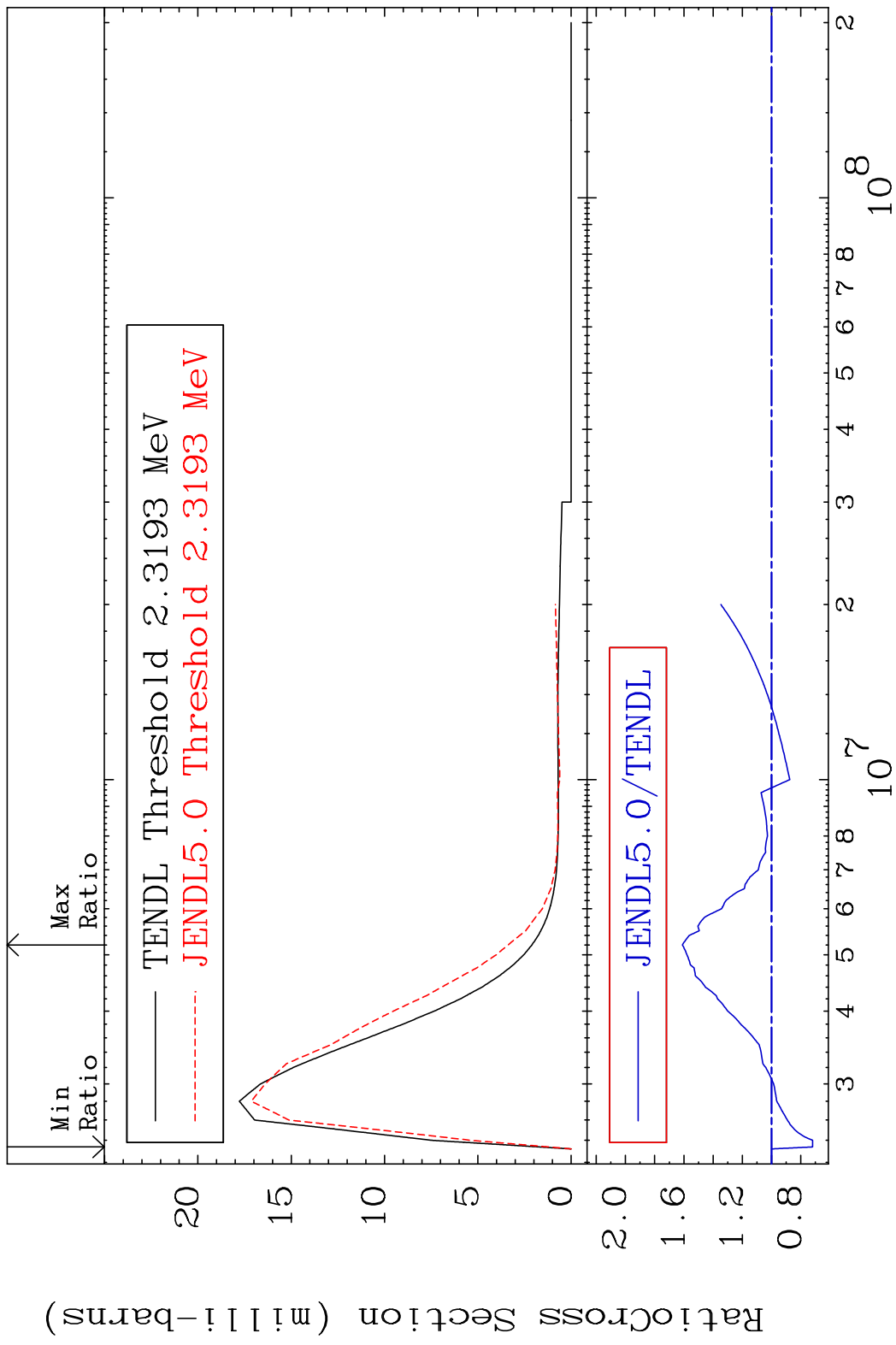
MAT 4849 MT= 67 (n, n') Level 48-Cd-114  
 Cross Section 11.60 To 9999. %



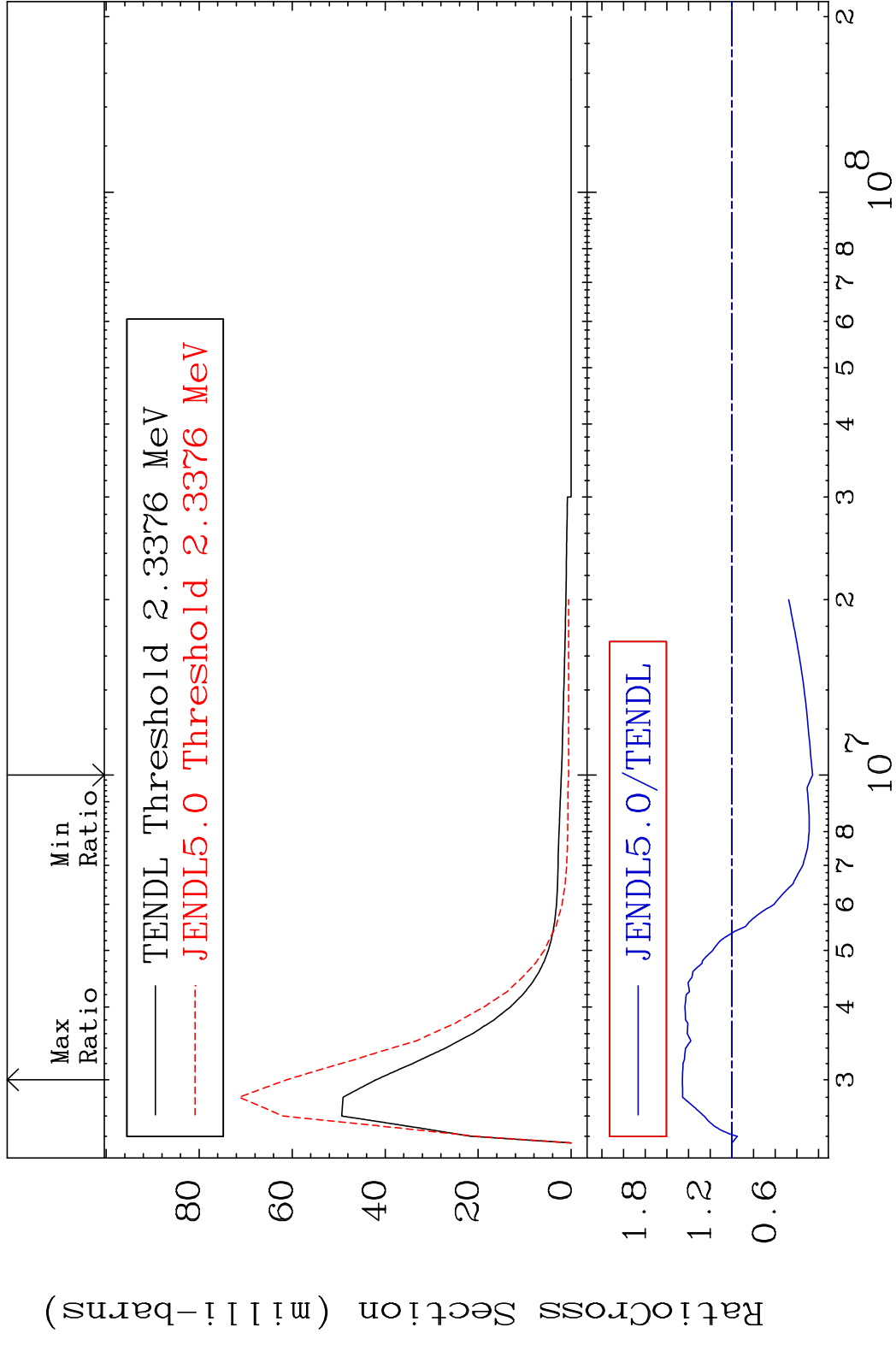
MAT 4849 MT= 68 (n,n') Level 48-Cd-114  
 Cross Section -74.45 To 42.75 %



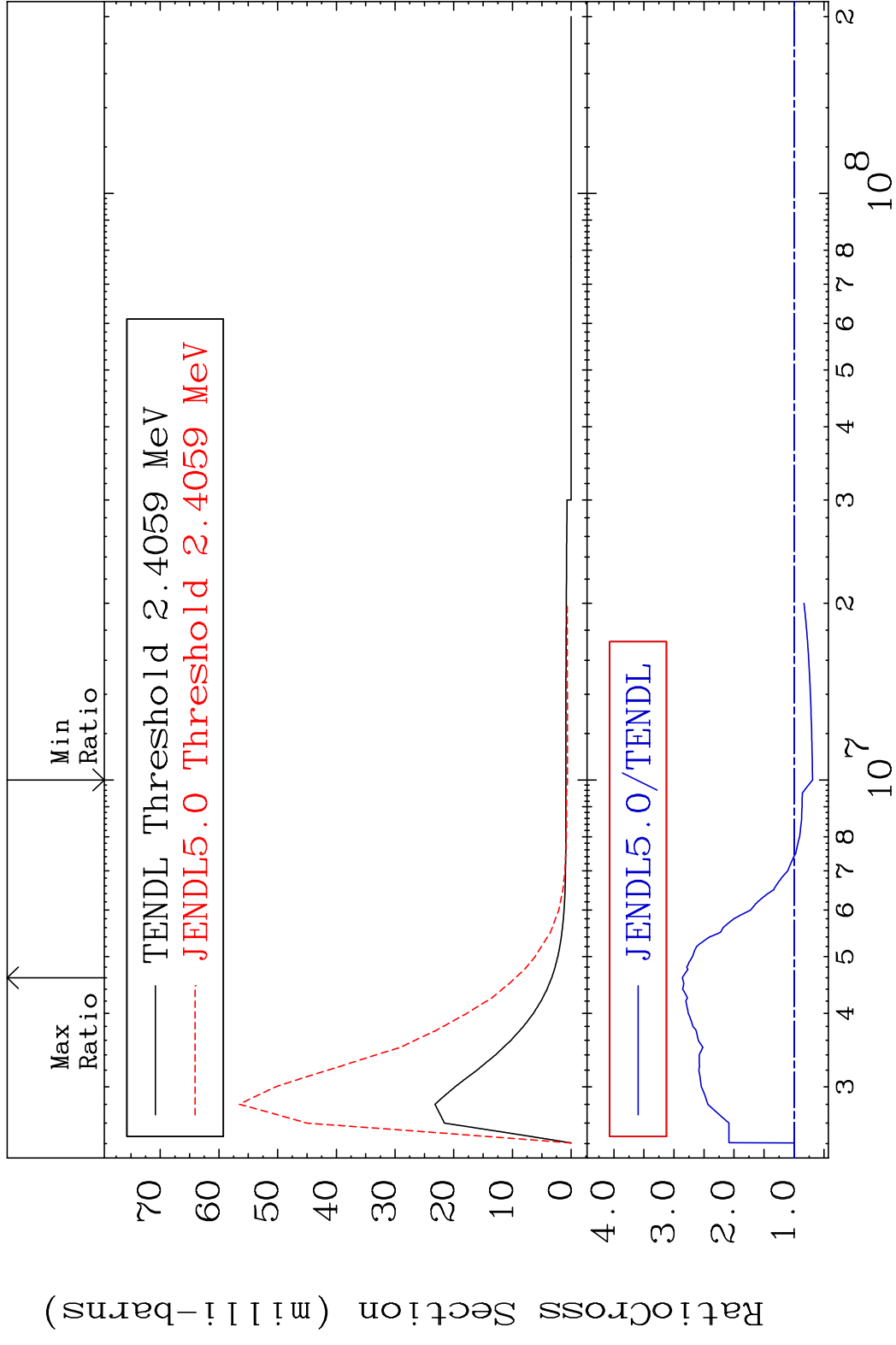
MAT 4849 MT= 69 (n,n') Level 48-Cd-114  
 Cross Section -28.10 To 61.05 %



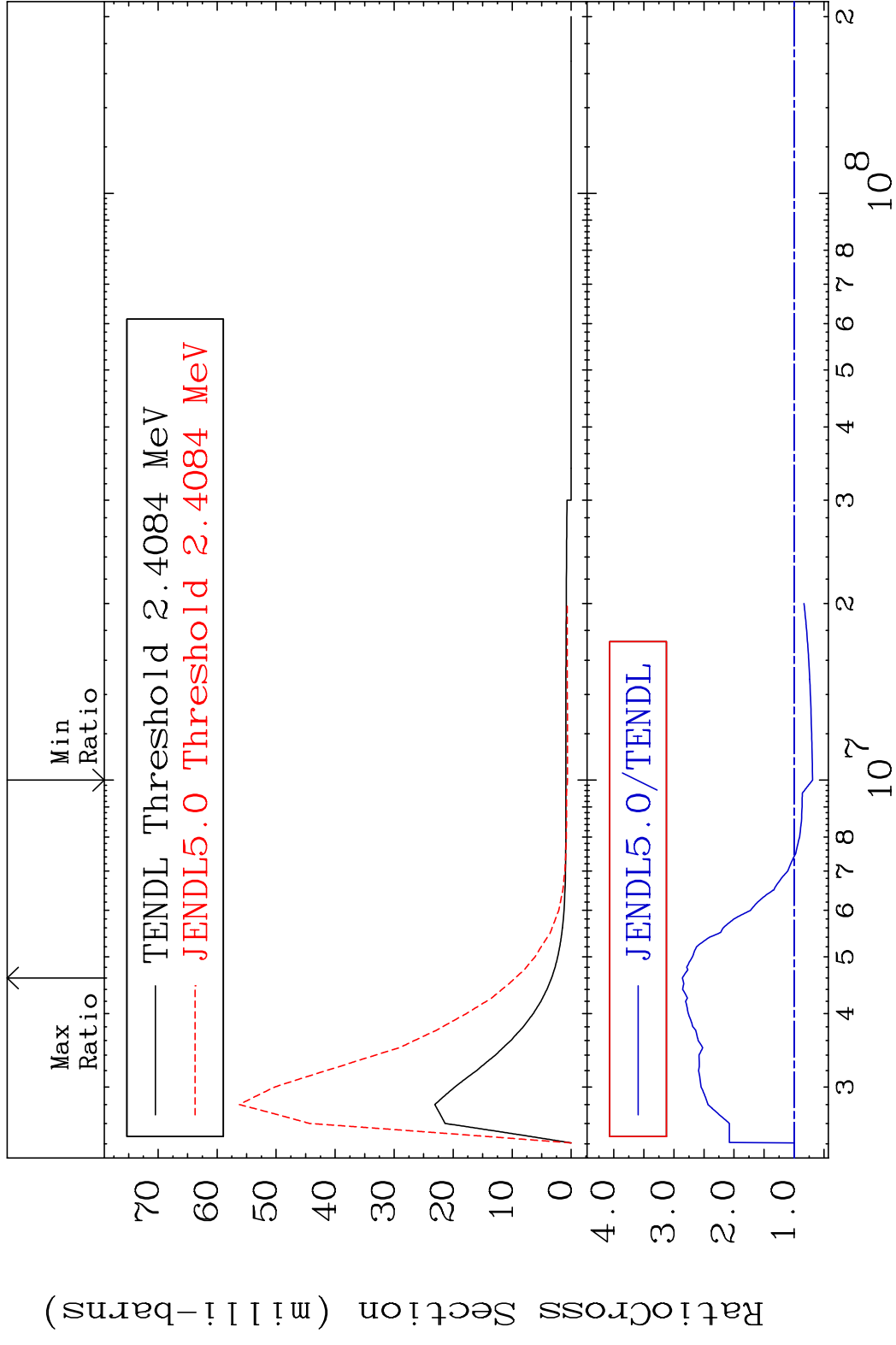
MAT 4849 MT= 70 (n,n') Level 48-Cd-114  
 Cross Section -74.39 To 45.77 %



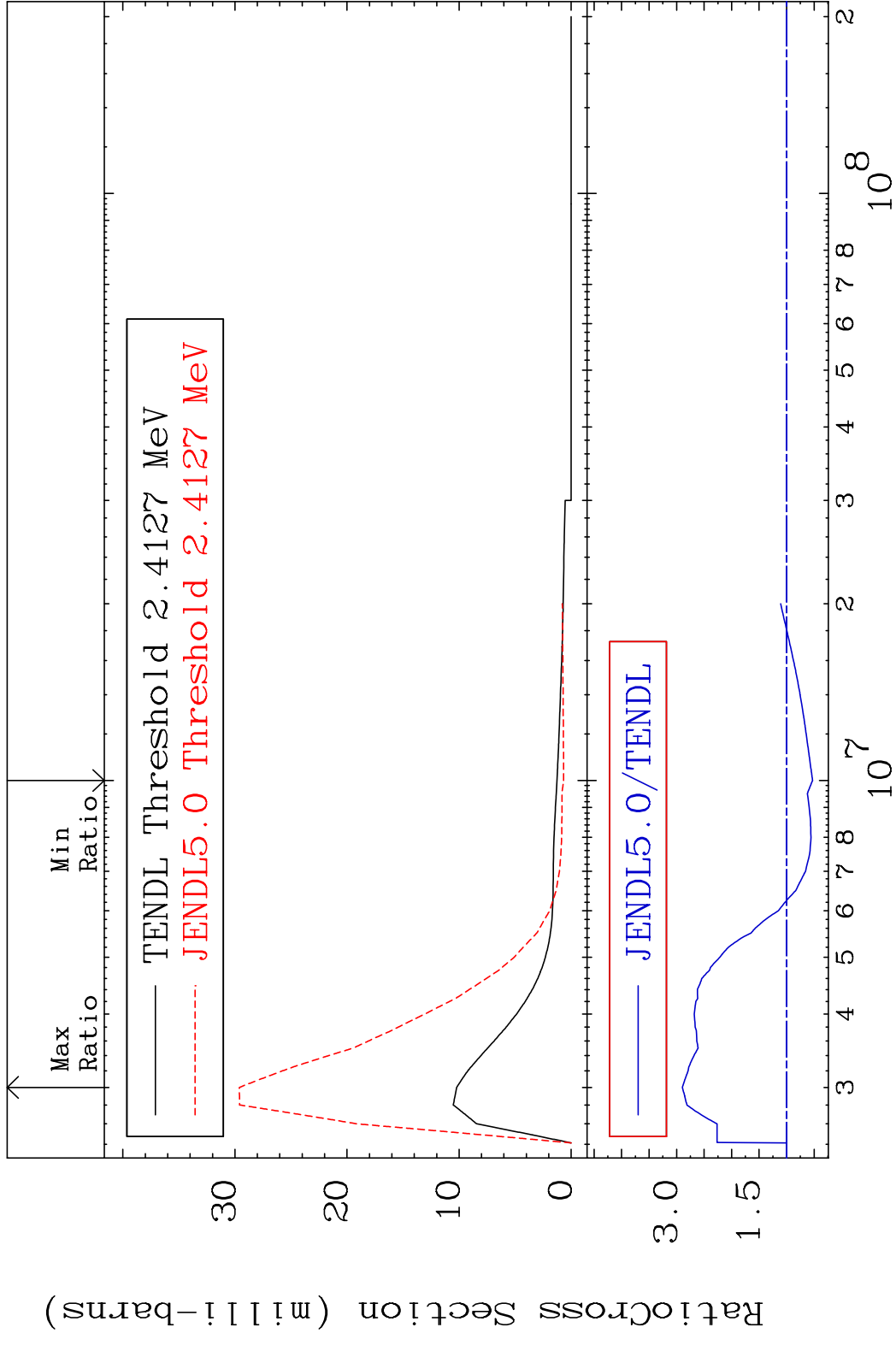
MAT 4849 MT= 71 (n,n') Level 48-Cd-114  
 Cross Section -30.777 To 186.0 %



MAT 4849 MT= 72 (n,n') Level 48-Cd-114  
 Cross Section -30.78 To 186.0 %

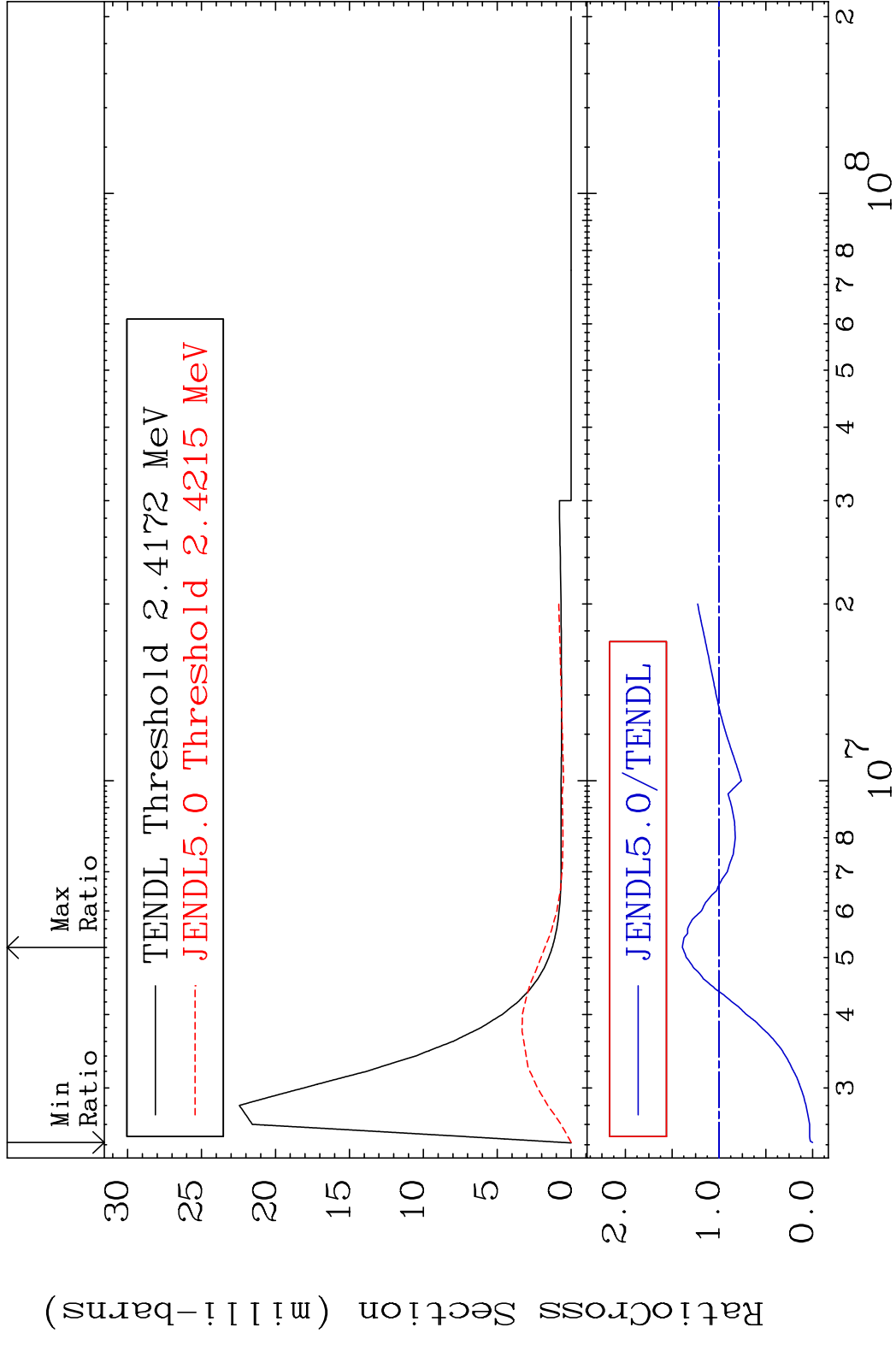


MAT 4849 MT= 73 (n,n') Level 48-Cd-114  
 Cross Section -47.18 To 189.5 %

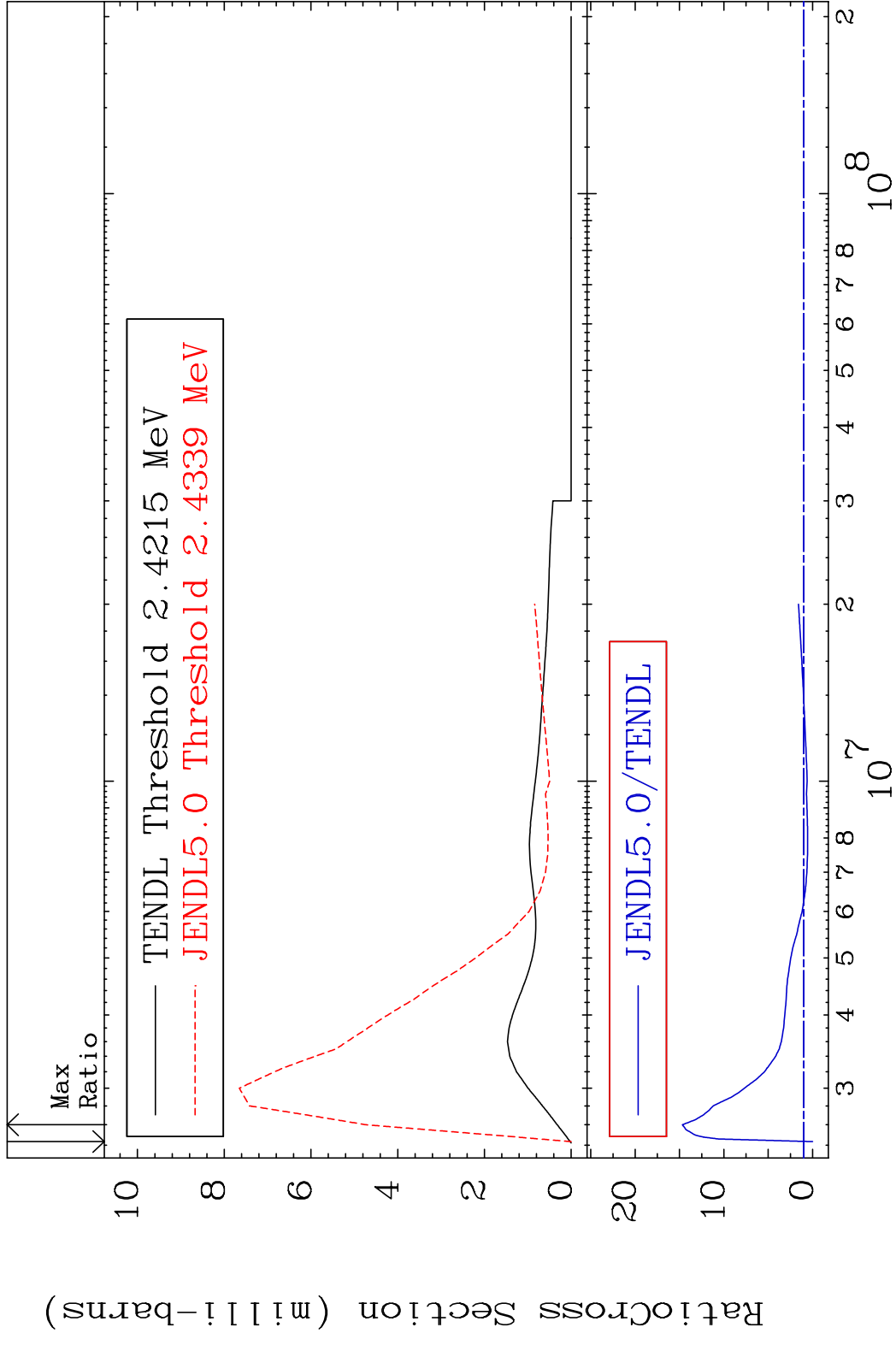




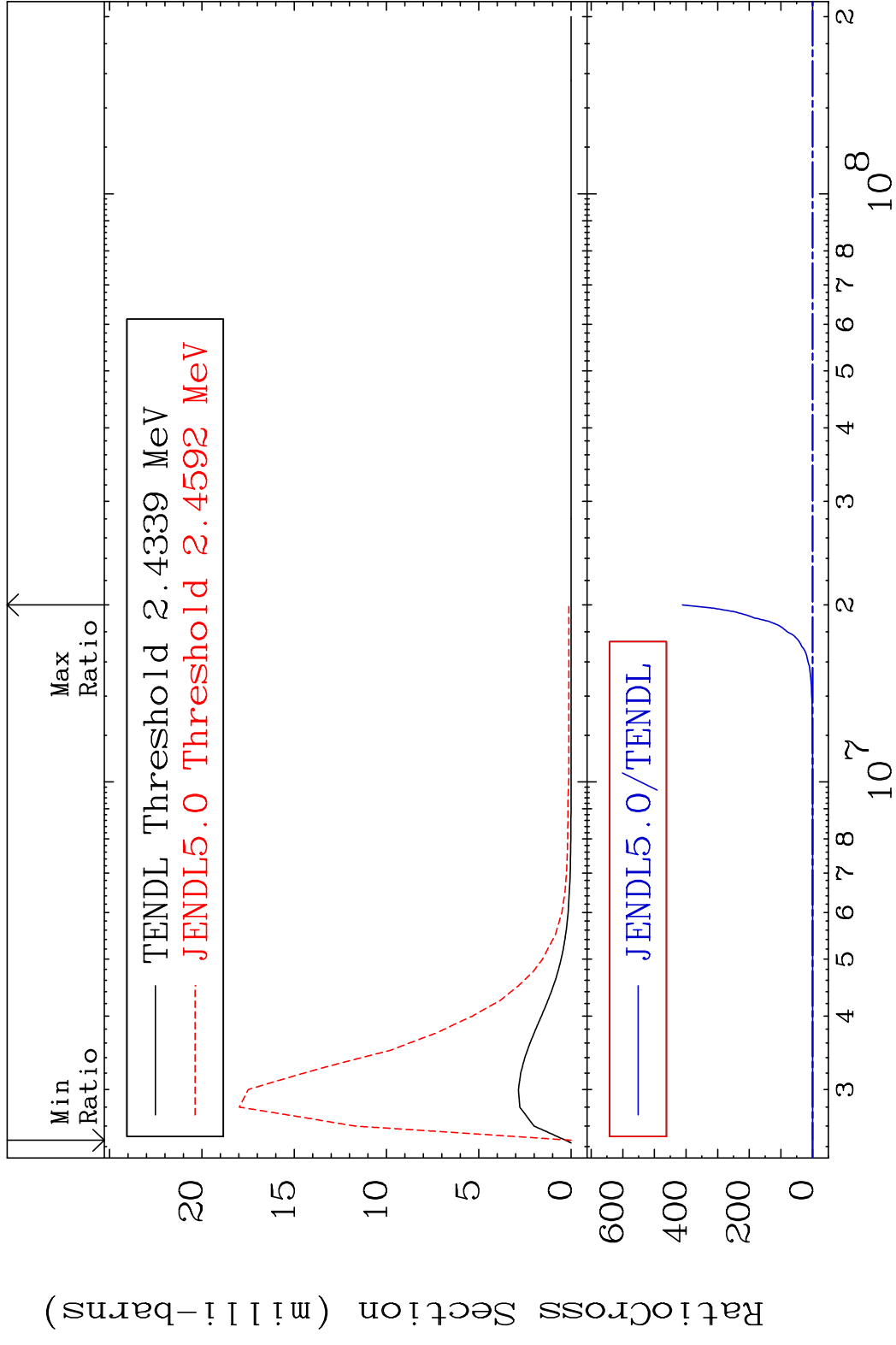
MAT 4849 MT= 74 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 39.11 %



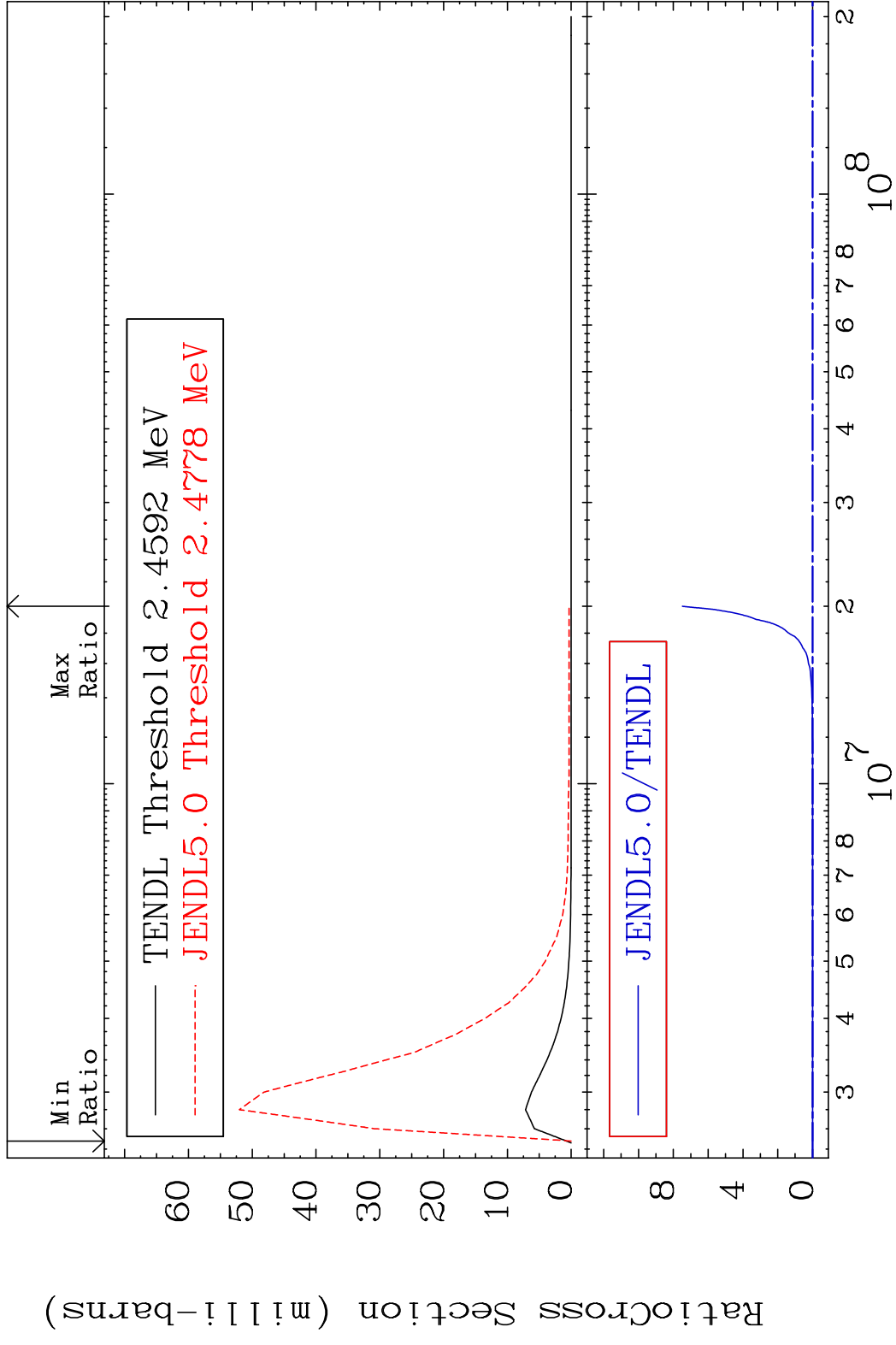
MAT 4849 MT= 75 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 1368. %



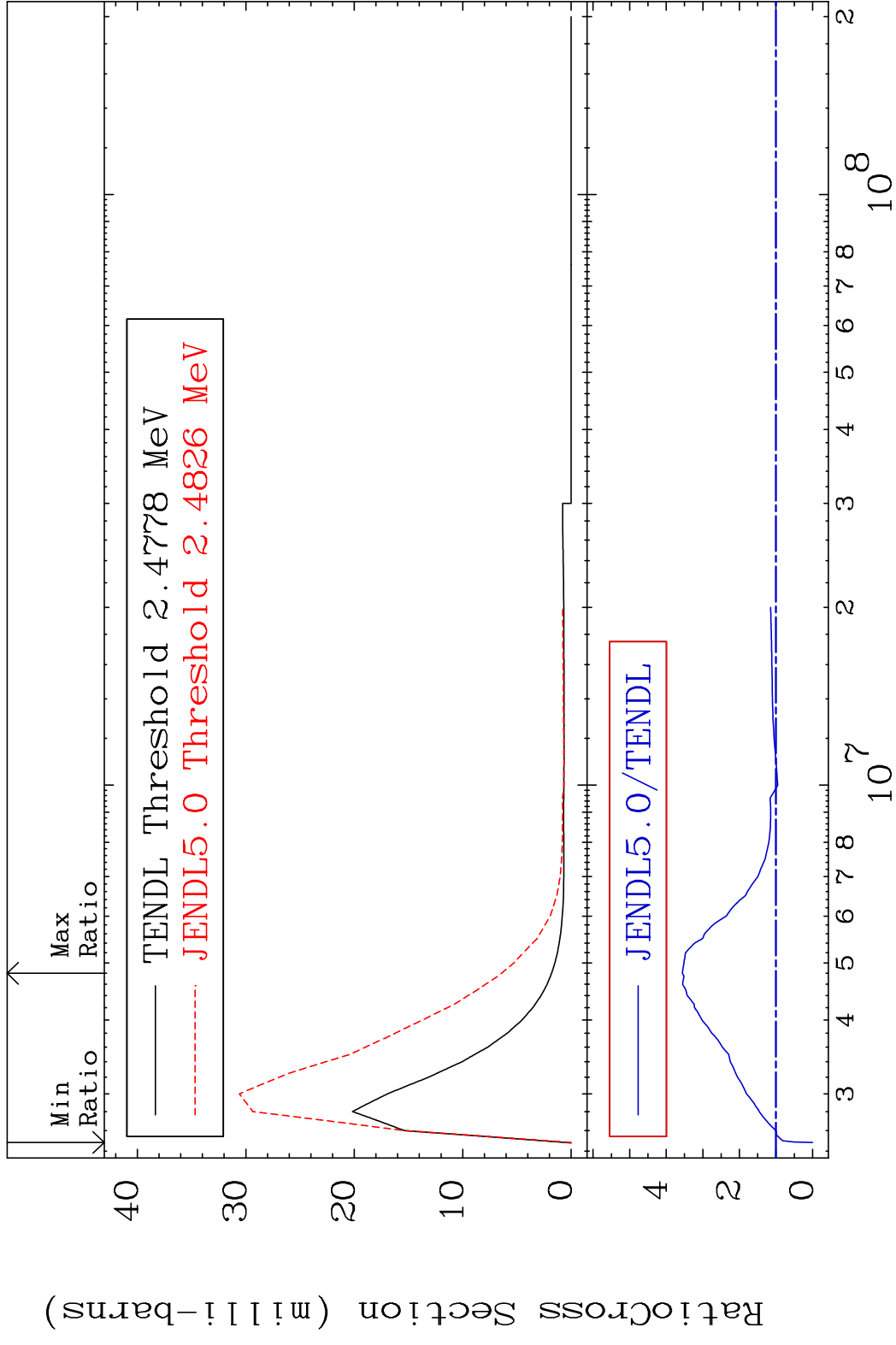
MAT 4849 MT= 76 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



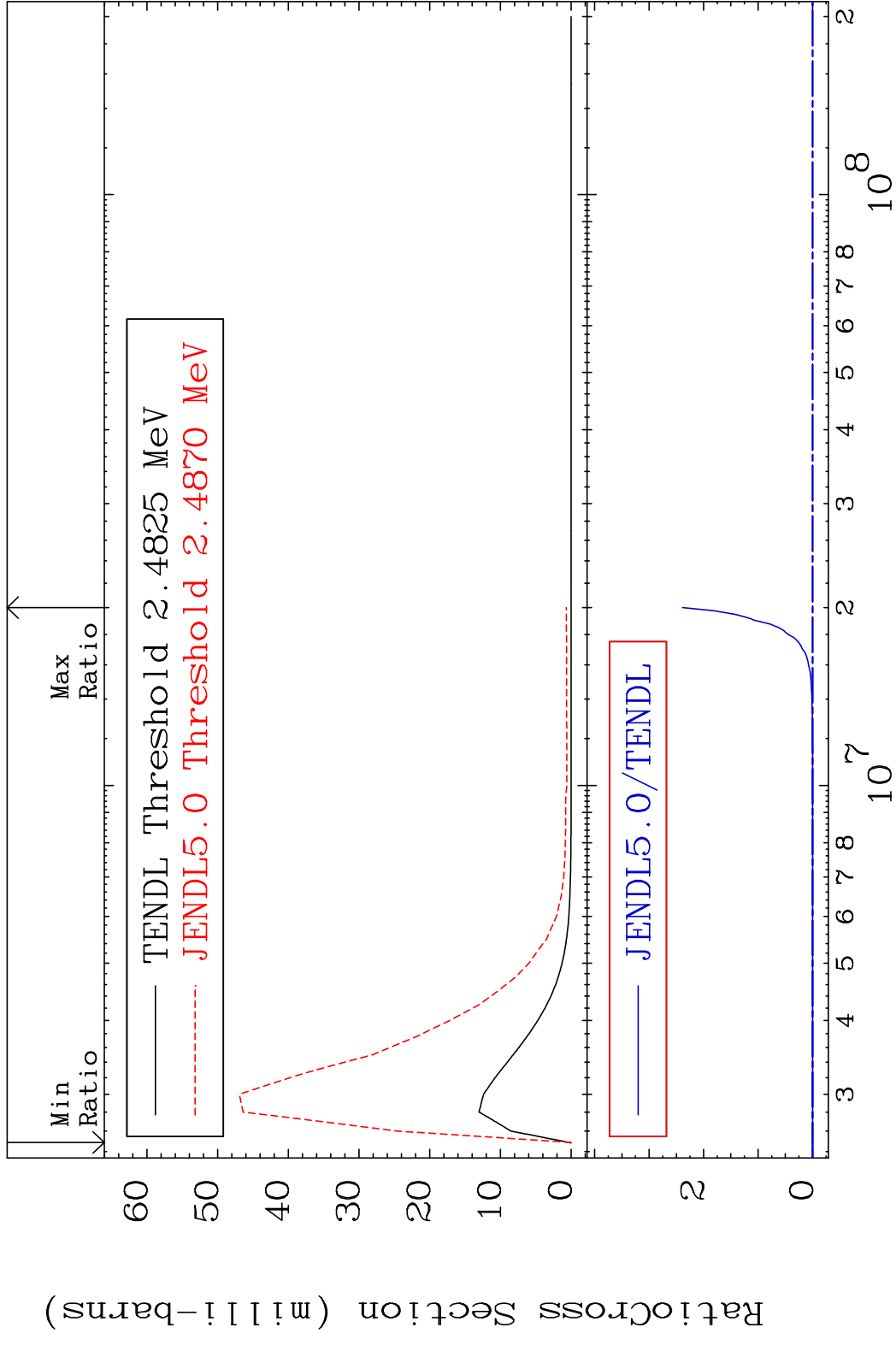
MAT 4849 MT= 77 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



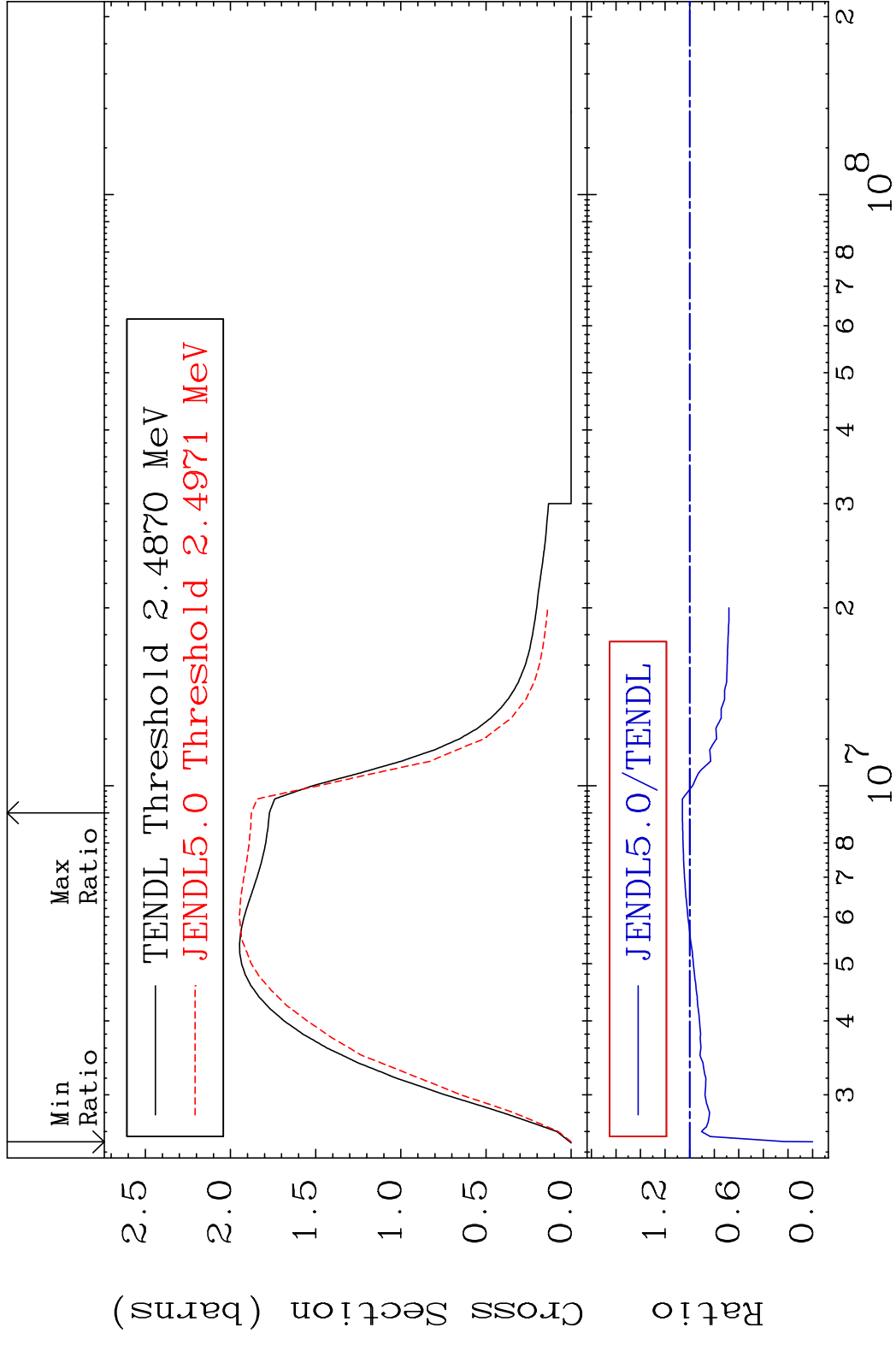
MAT 4849 MT= 78 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 256.0 %



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 5.952 %

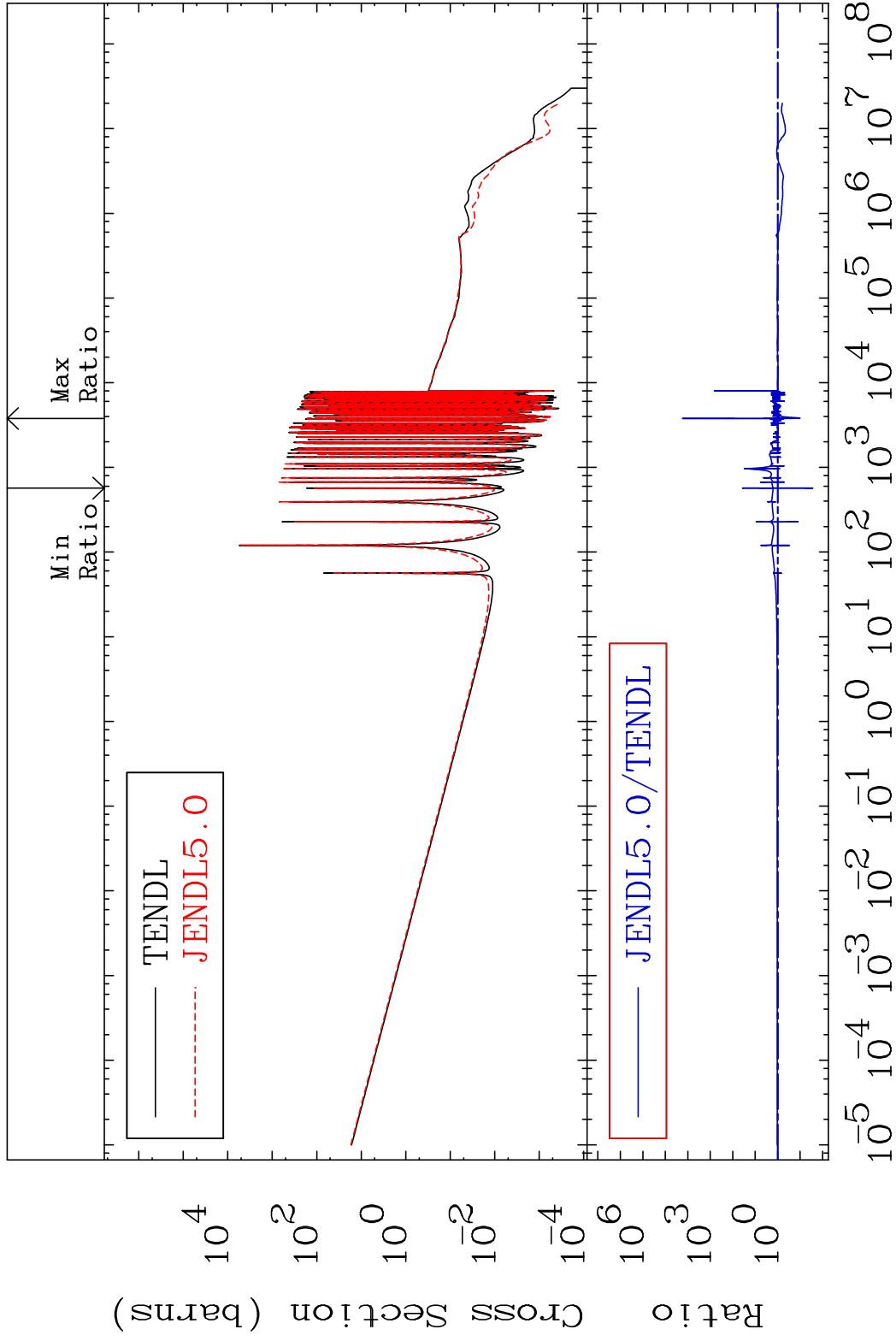


MAT 4849

(n,  $\gamma$ )

48-Cd-114

Cross Section -97.19 To 9999. %



39

Incident Energy (eV)

48-Cd-114

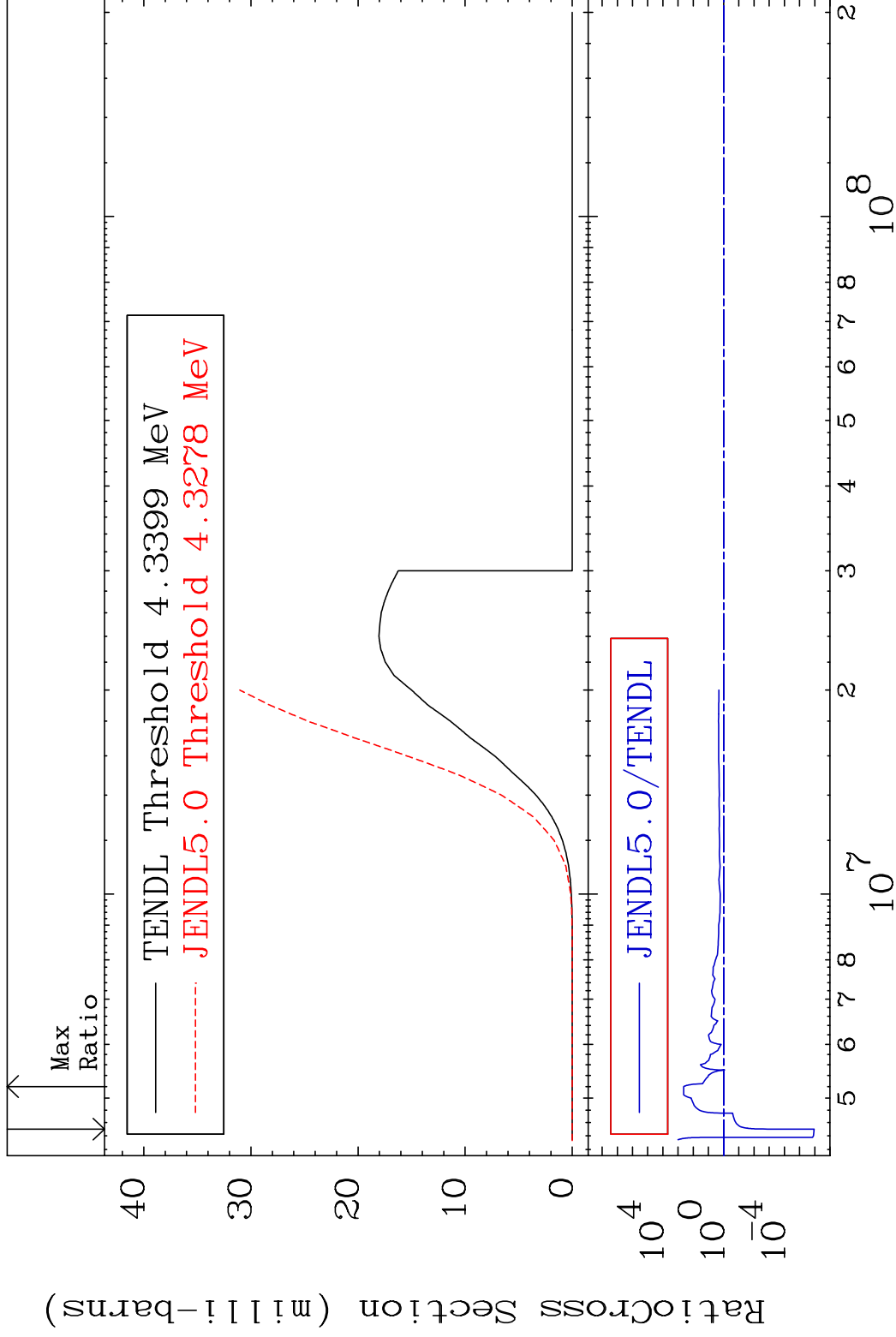


MAT 4849

(n,p)

48-Cd-114

Cross Section -100.0 To 9999. %

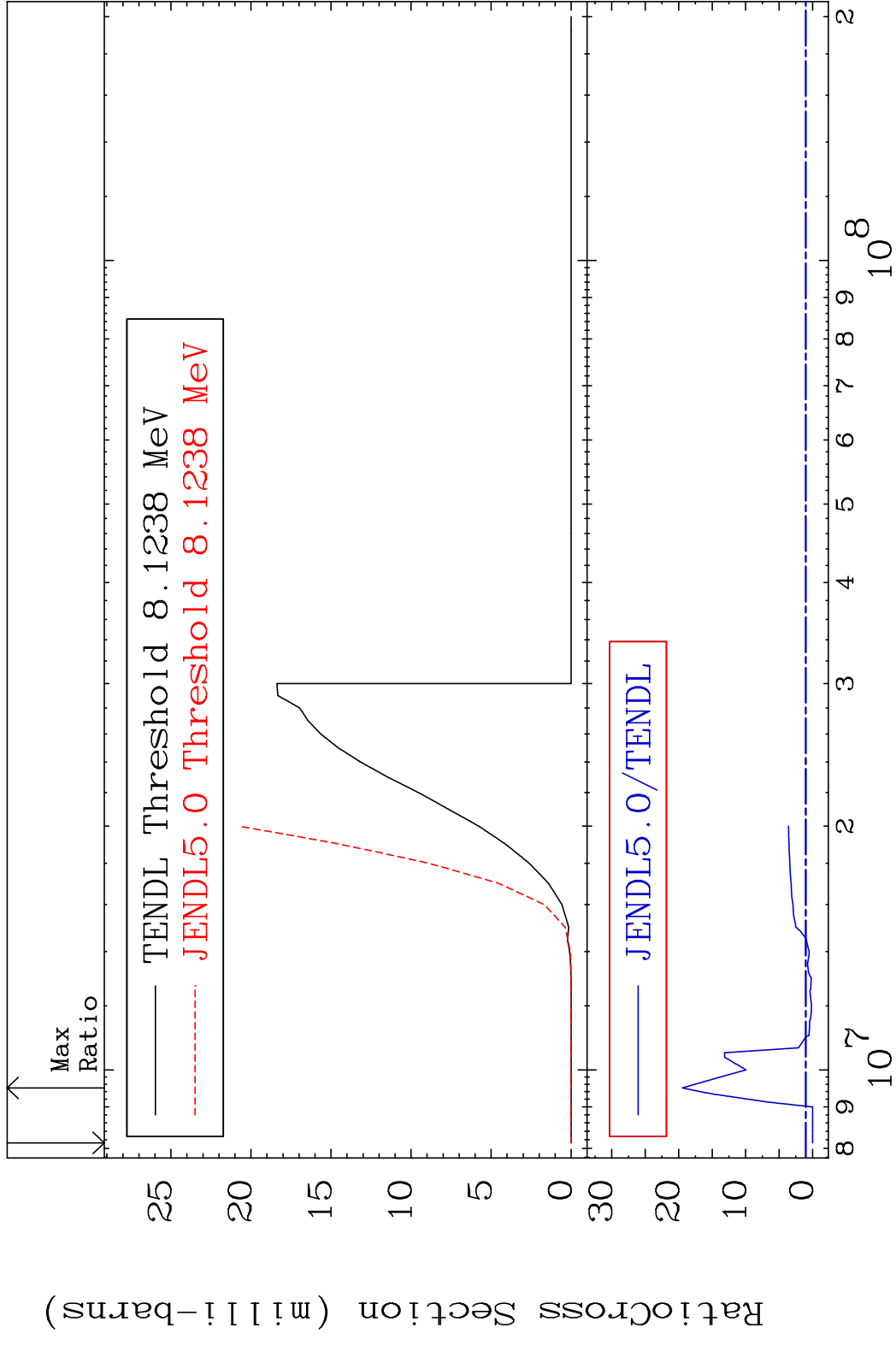


40

Incident Energy (eV)

48-Cd-114

MAT 4849 (n,d) 48-Cd-114  
 Cross Section -100.0 To 1845. %

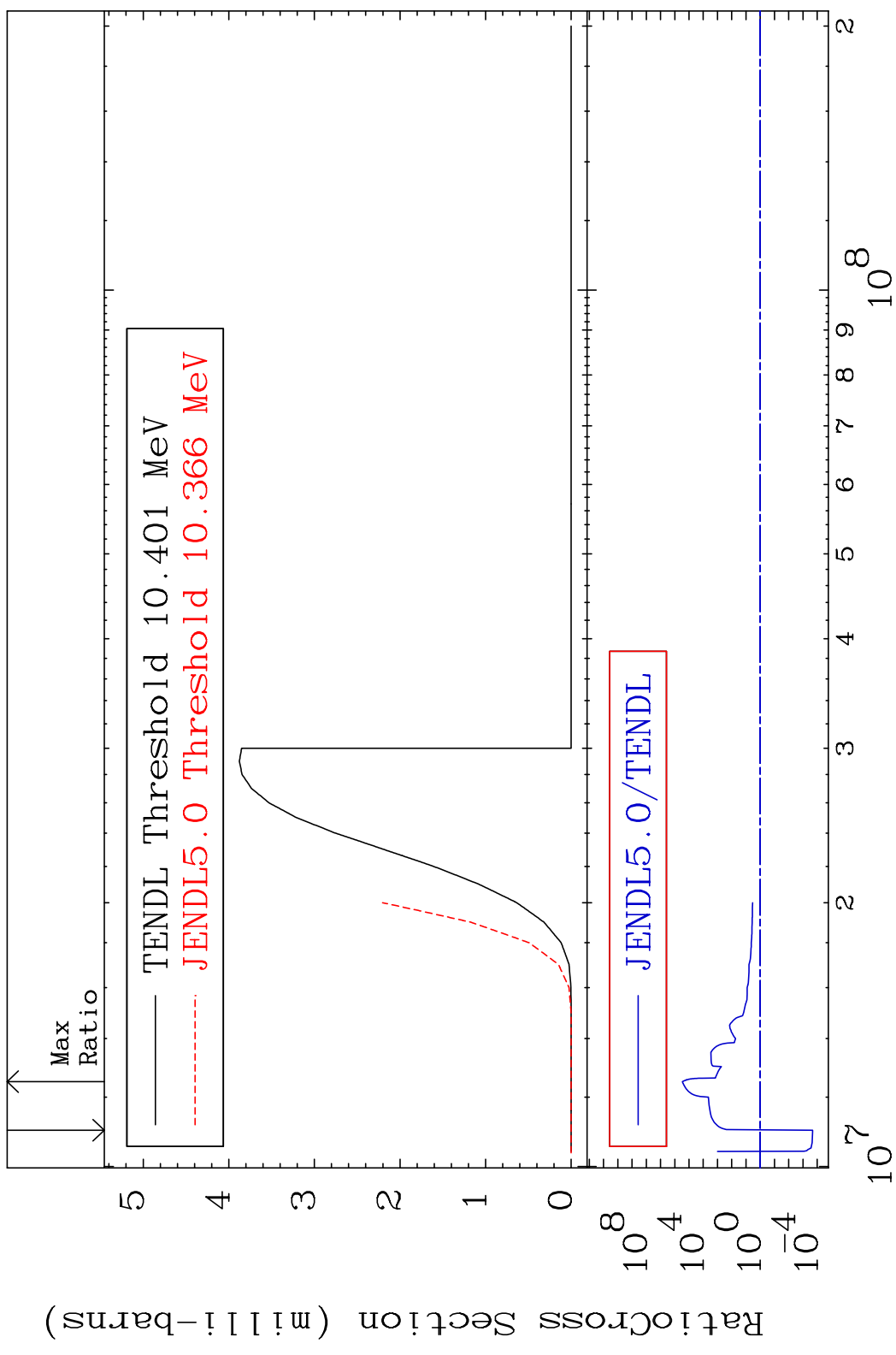


MAT 4849

(n, t)

48-Cd-114

Cross Section -99.98 To 9999. %



42

Incident Energy (eV)

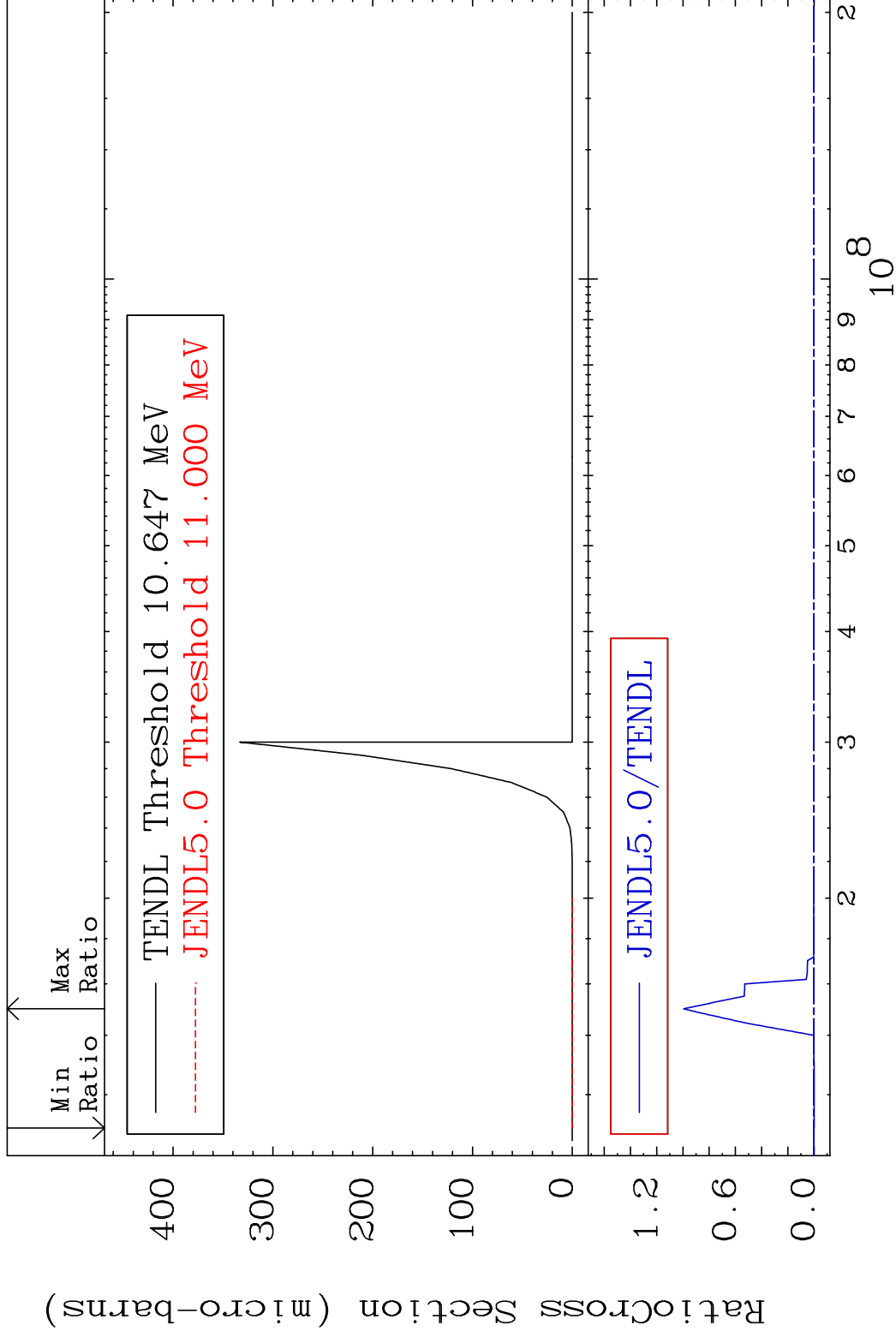
48-Cd-114

MAT 4849

(n, He-3)

48-Cd-114

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

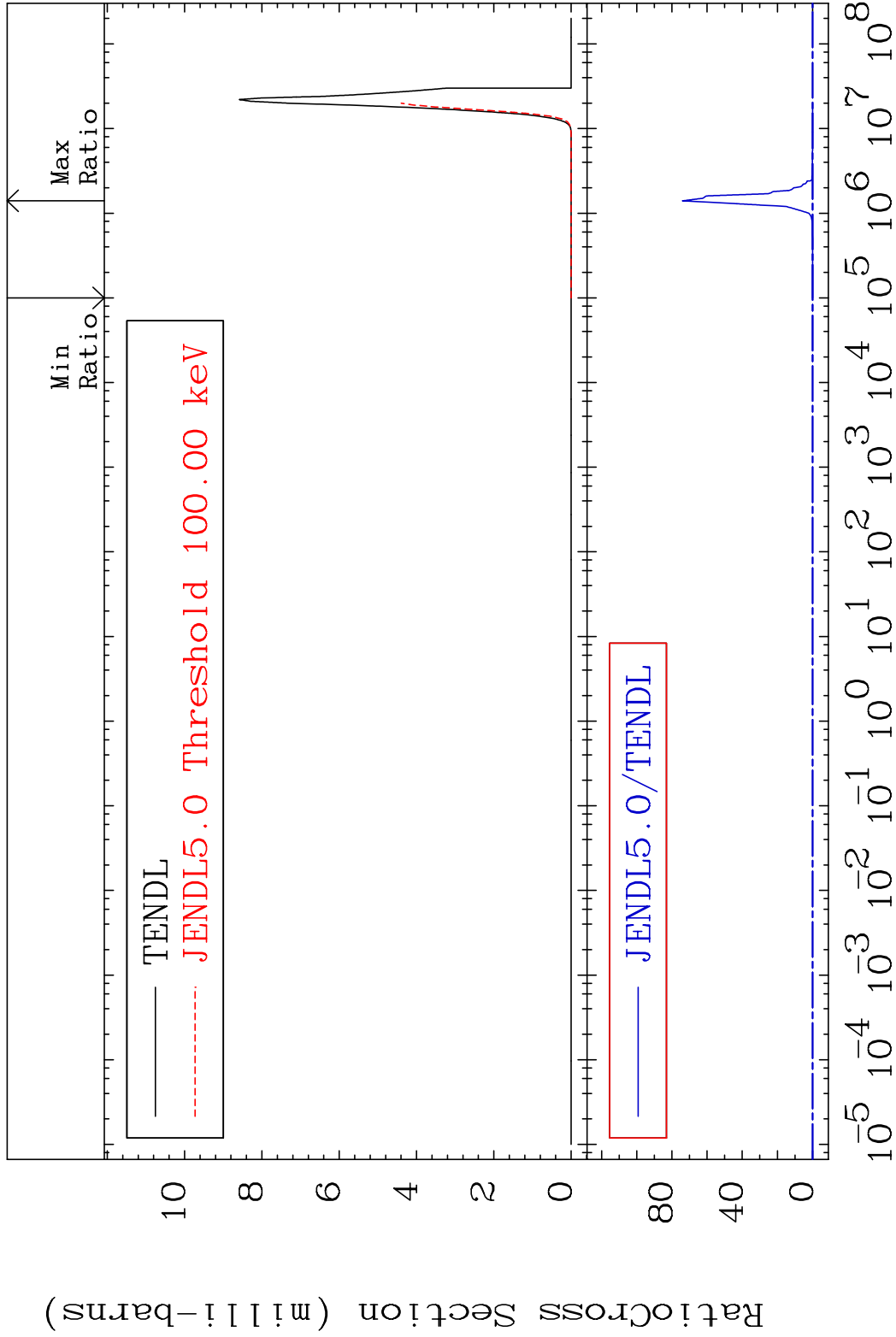
48-Cd-114

MAT 4849

(n,  $\alpha$ )

48-Cd-114

Cross Section -100.0 To 9999. %

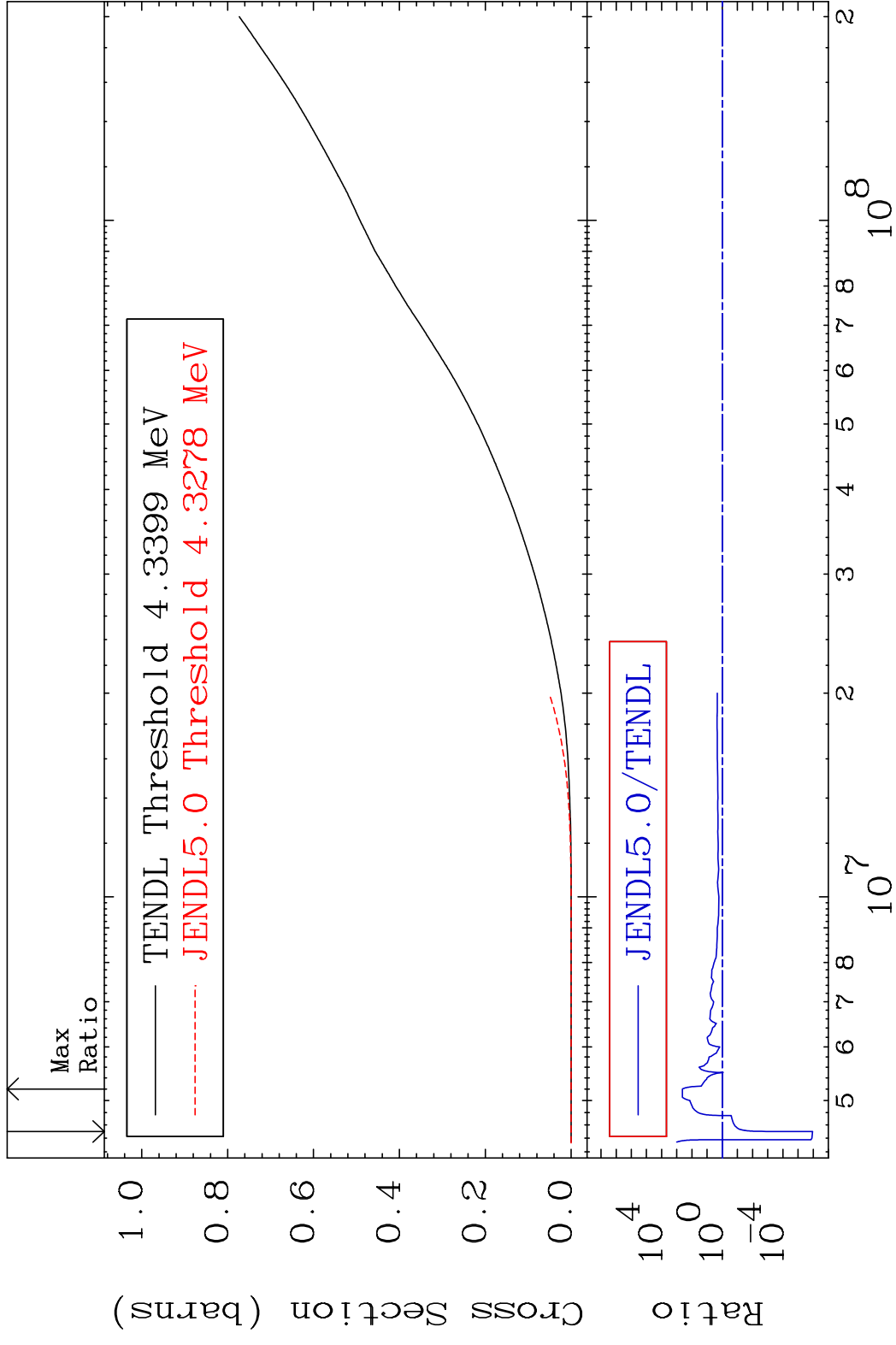


44

Incident Energy (eV)

48-Cd-114

MAT 4849 Hydrogen Production 48-Cd-114  
 Cross Section -100.0 To 9999. %

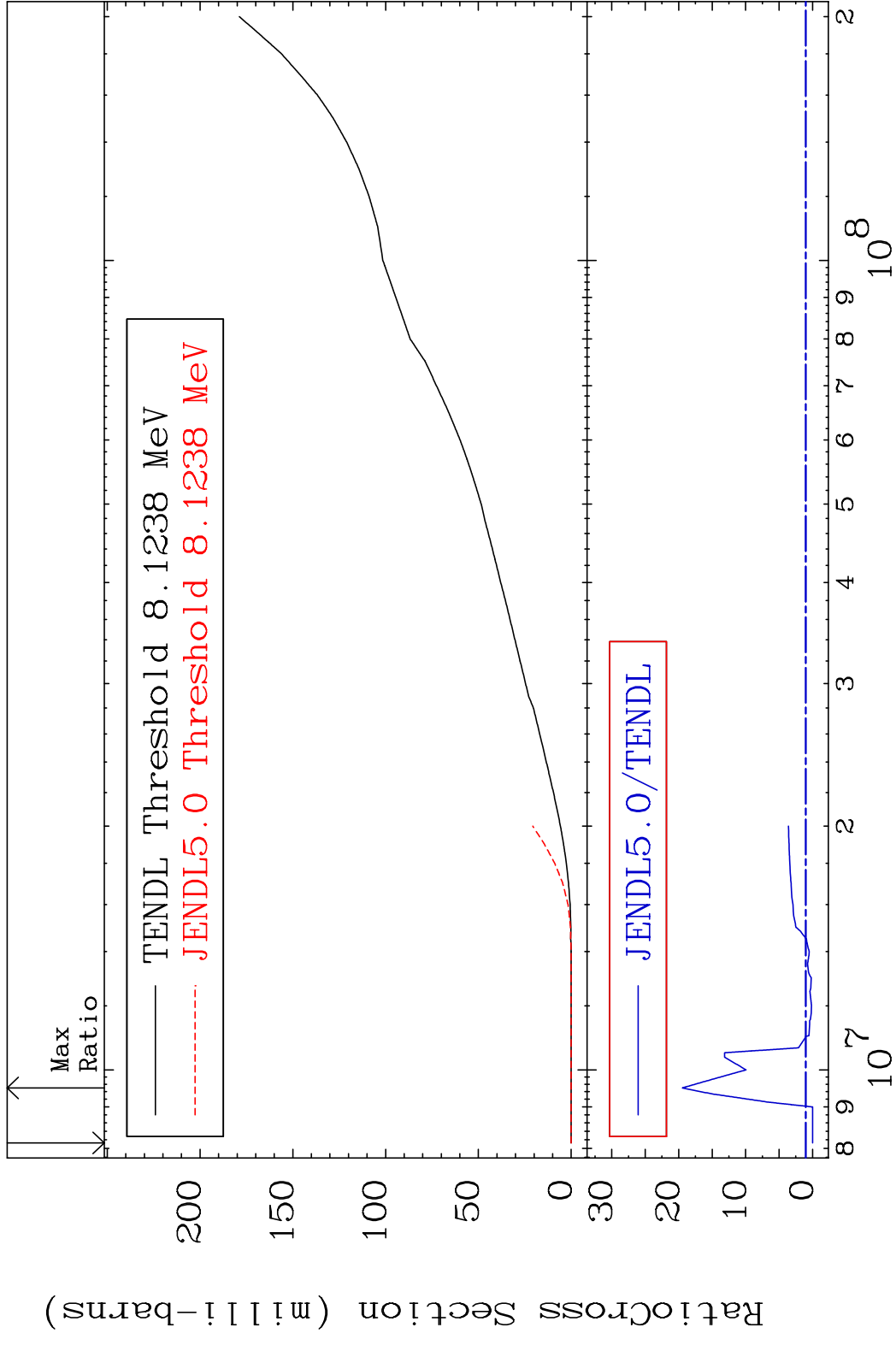


MAT 4849

Deuterium Production

48-Cd-114

Cross Section -100.0 To 1845. %



46

Incident Energy (eV)

48-Cd-114

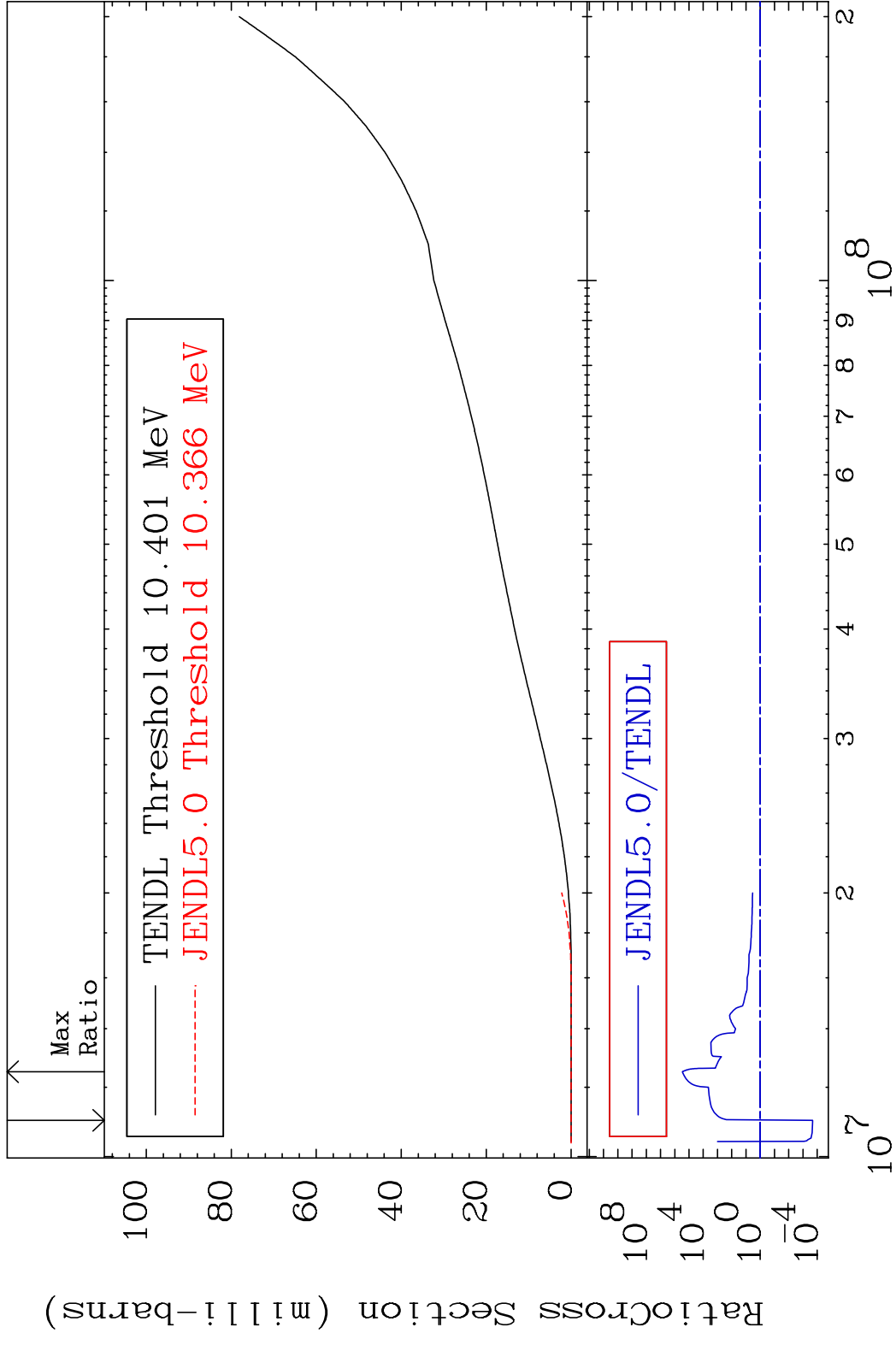
MAT 4849

Tritium Production

48-Cd-114

Cross Section

-99.98 To 9999. %



47

Incident Energy (eV)

48-Cd-114

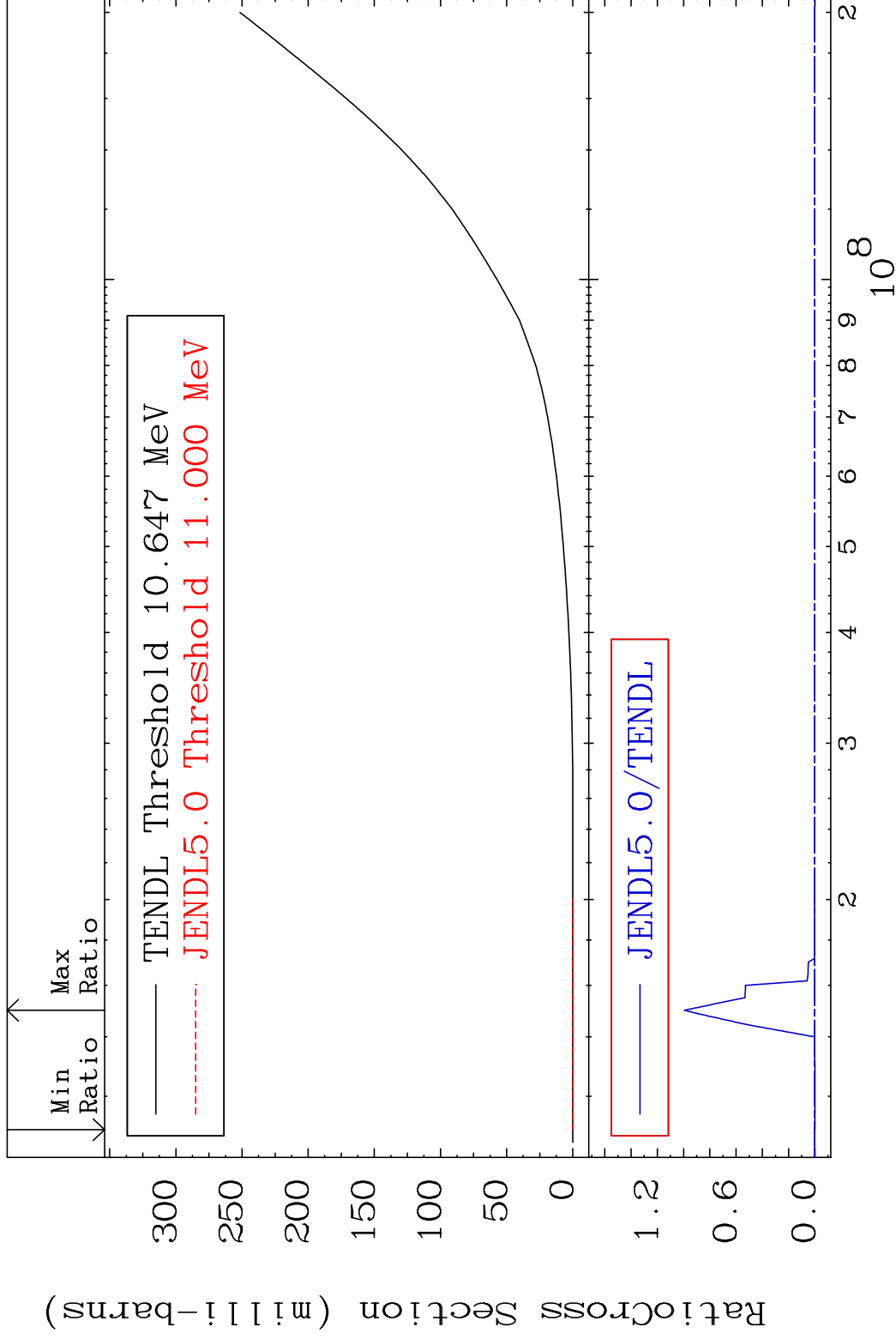


MAT 4849

He-3 Production

48-Cd-114

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

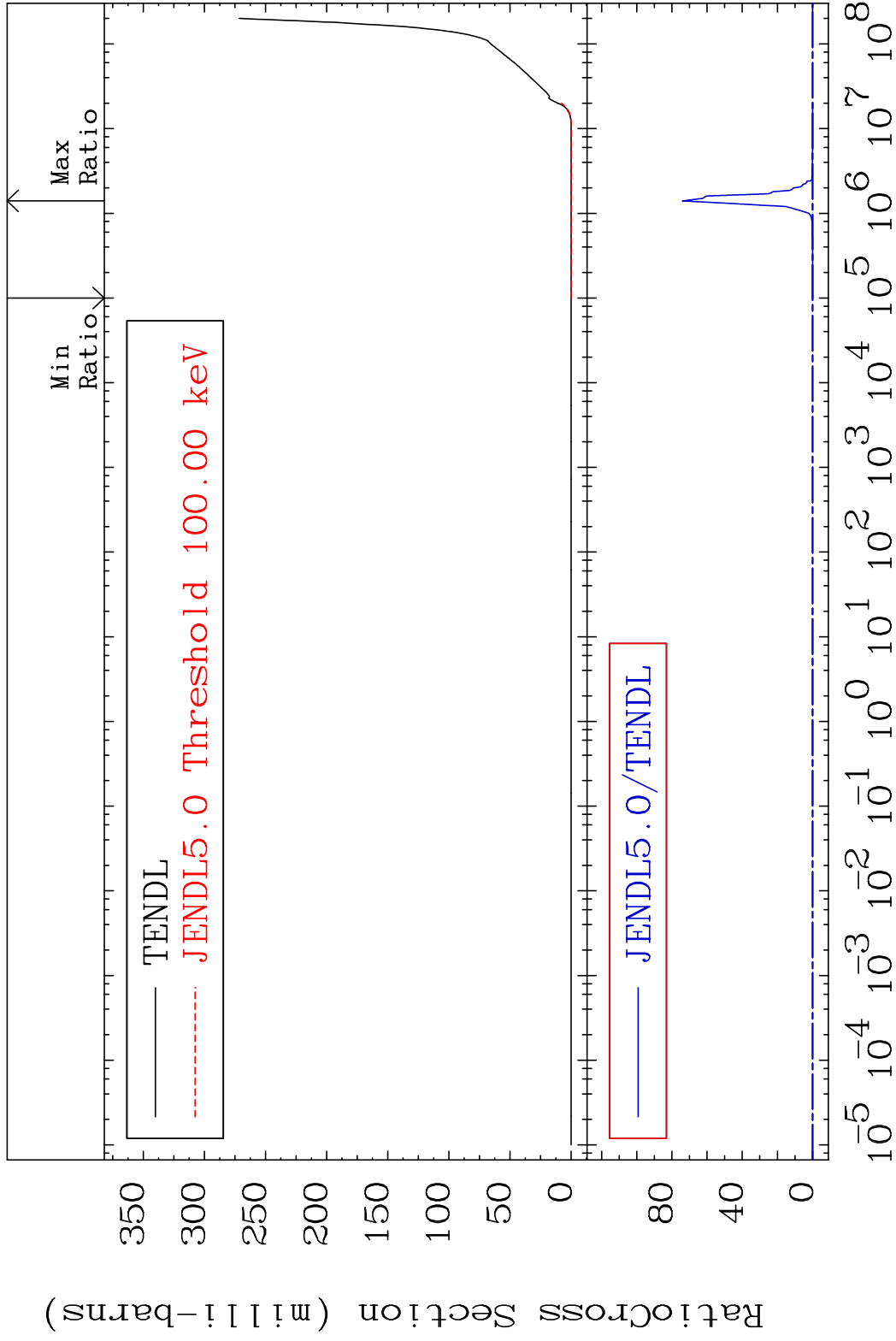
48-Cd-114

MAT 4849

He-4 Production

48-Cd-114

Cross Section -100.0 To 9999. %

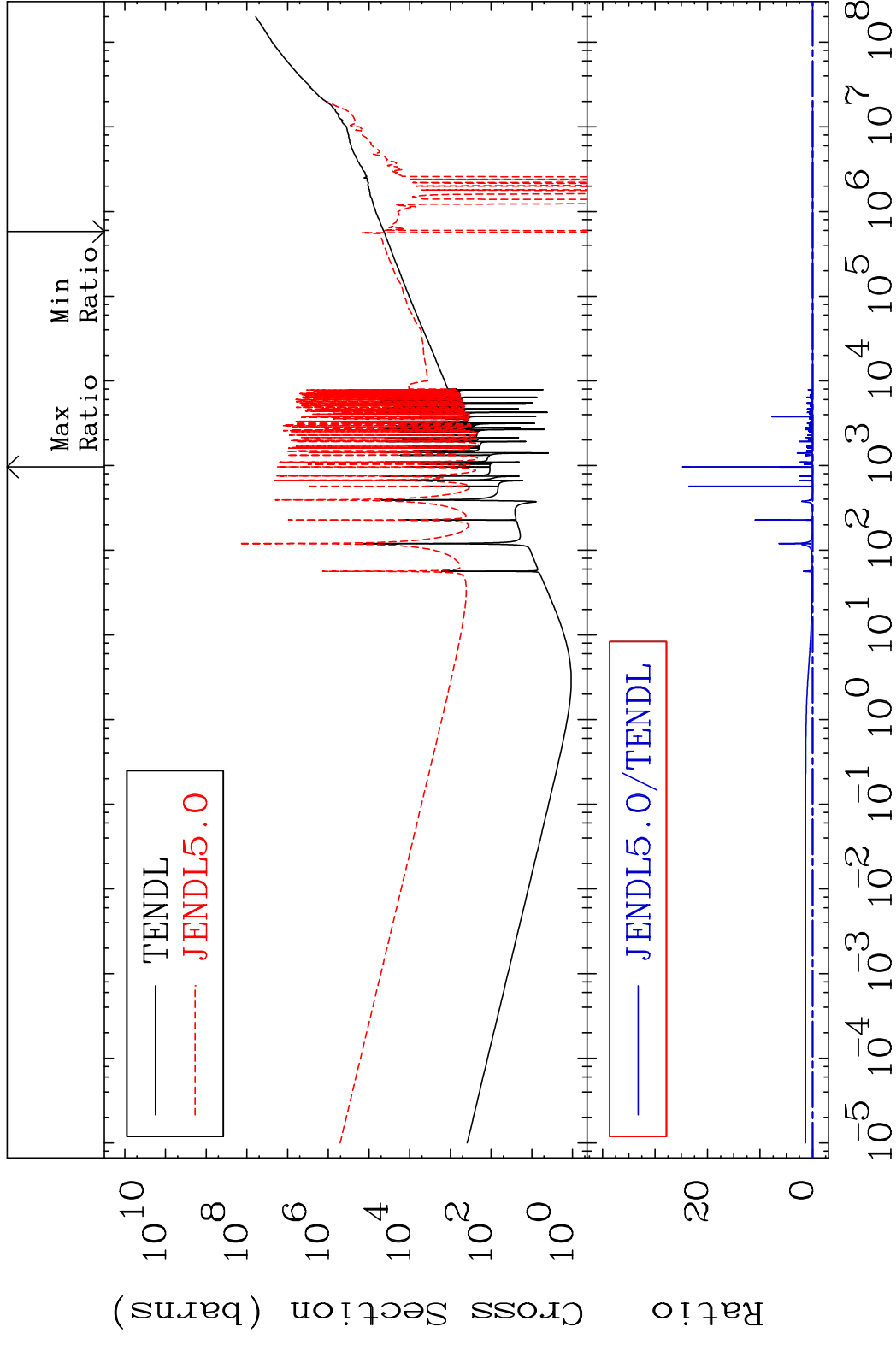


49

Incident Energy (eV)

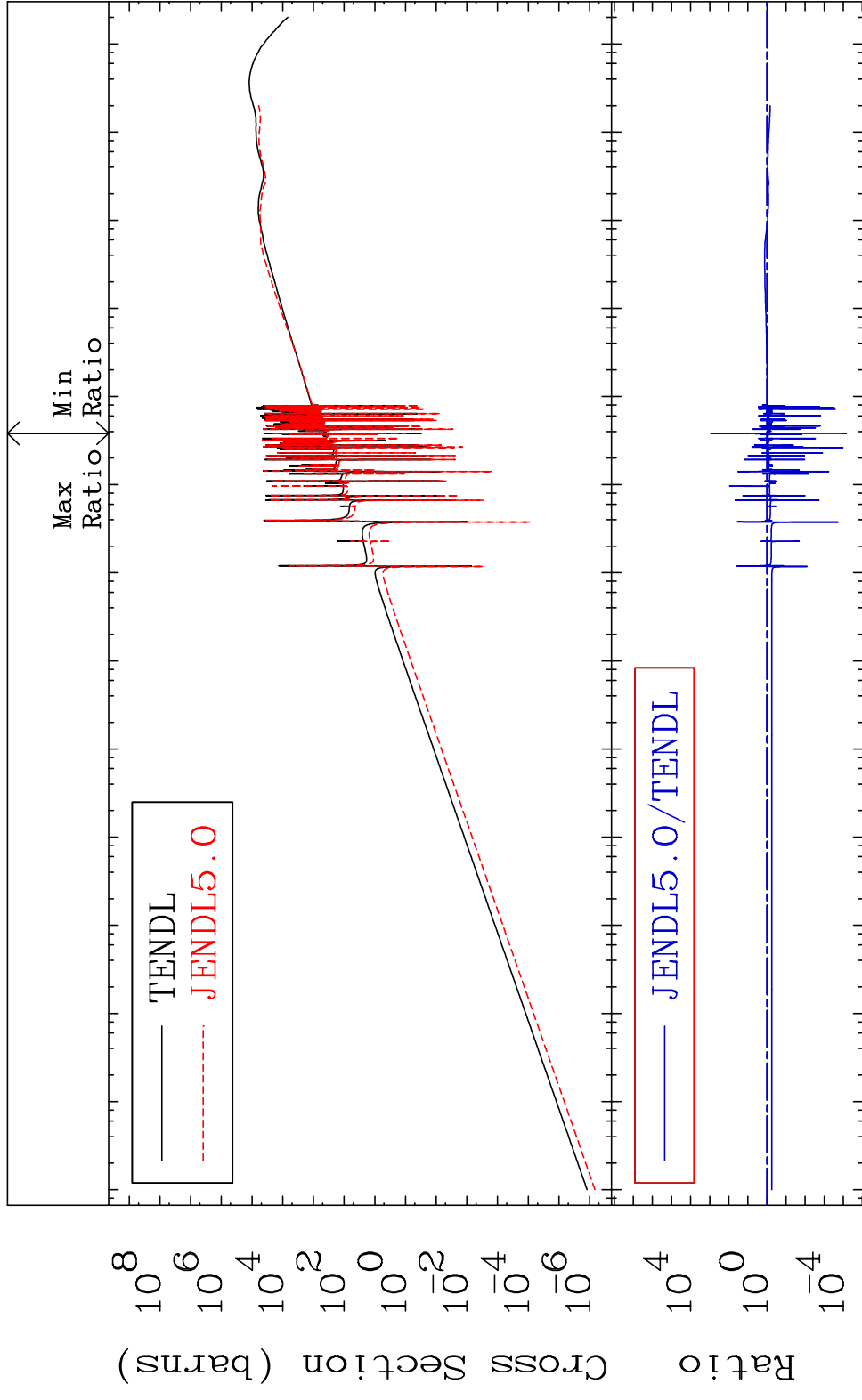
48-Cd-114

MAT 4849 Kerma total (eV-barns) 48-Cd-114  
Cross Section -329.0 To 9999. %

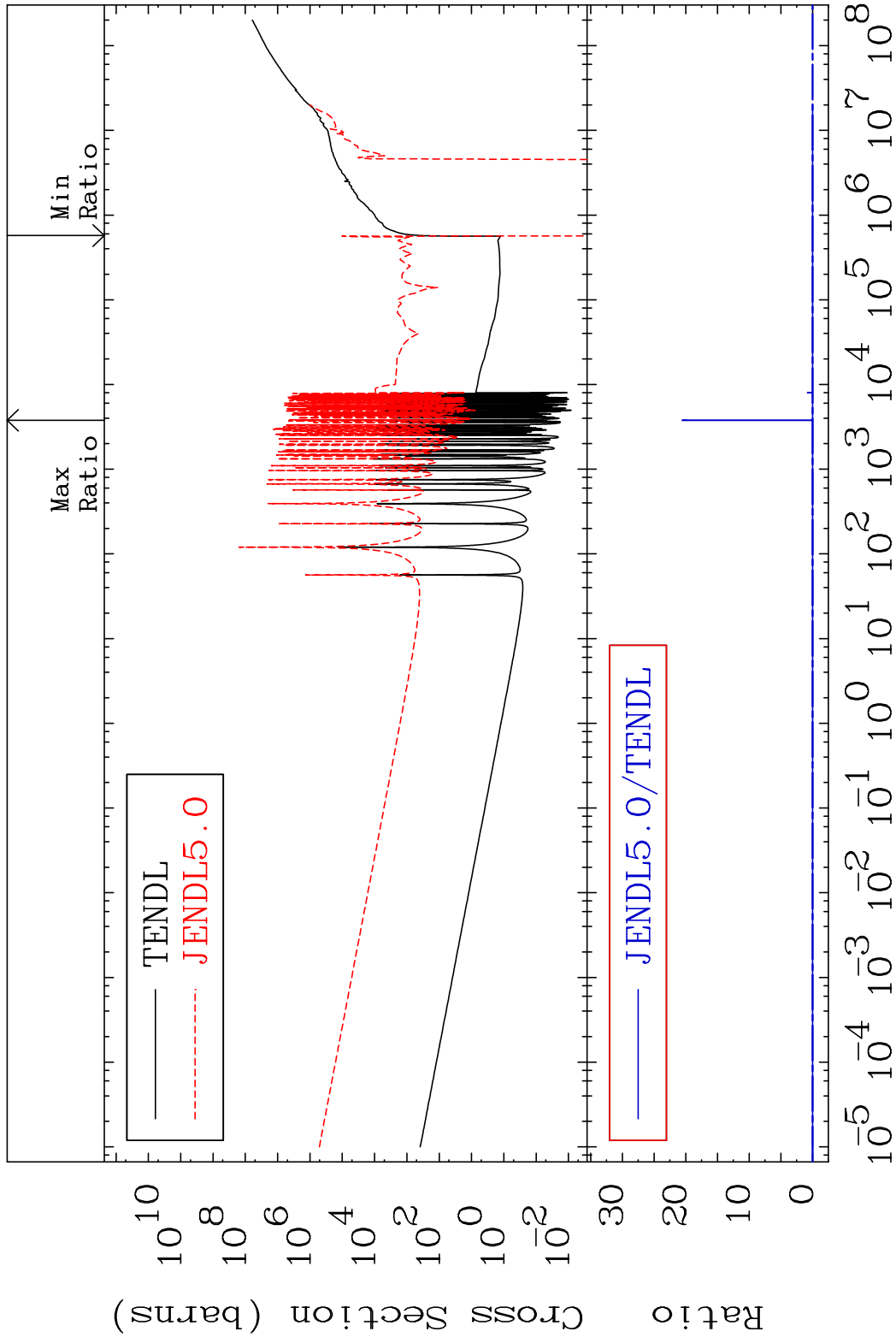


50 Incident Energy (eV) 48-Cd-114

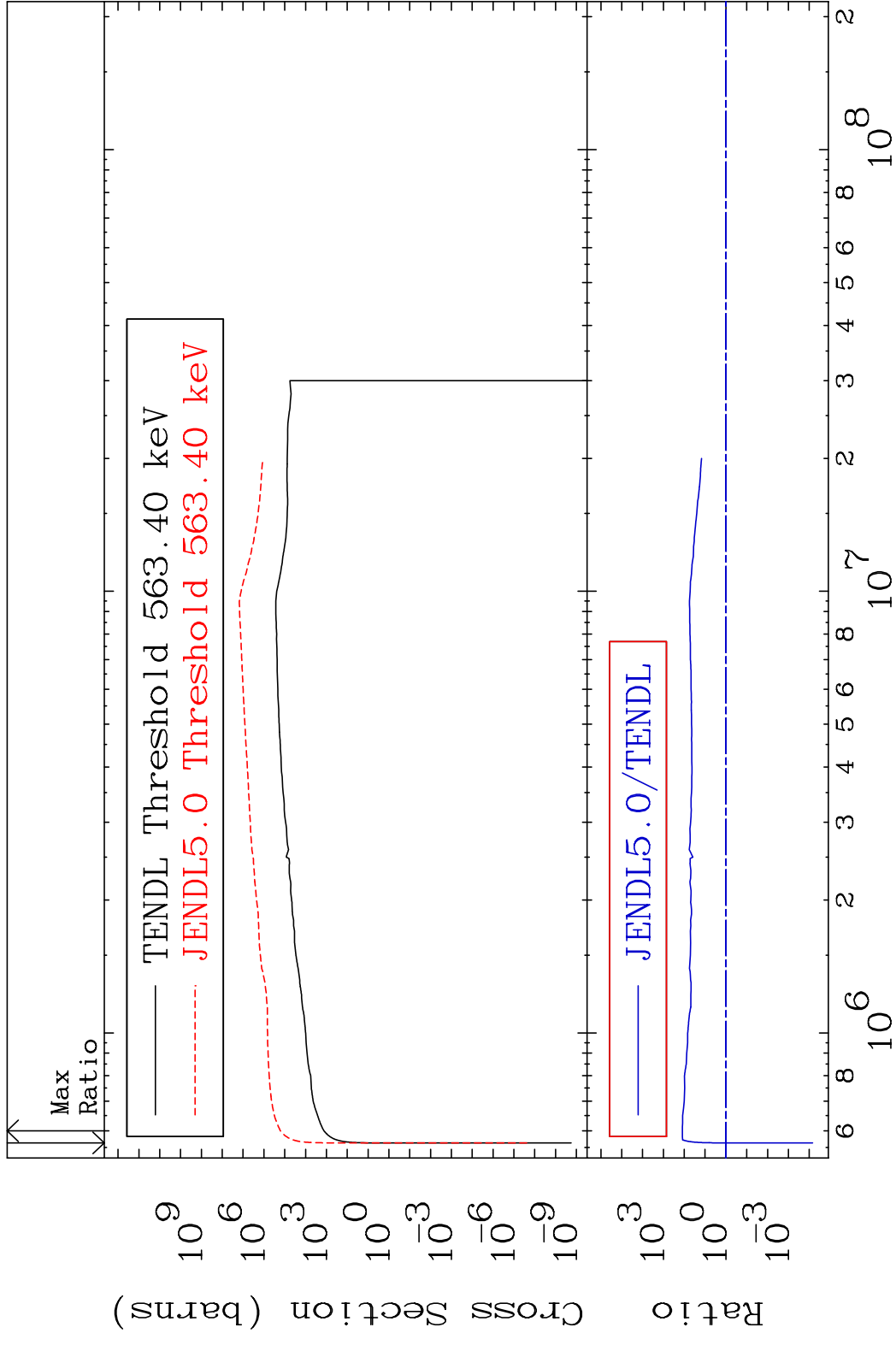
MAT 4849      Kerma elastic      48-Cd-114  
 Cross Section      -99.99 To 9999. %



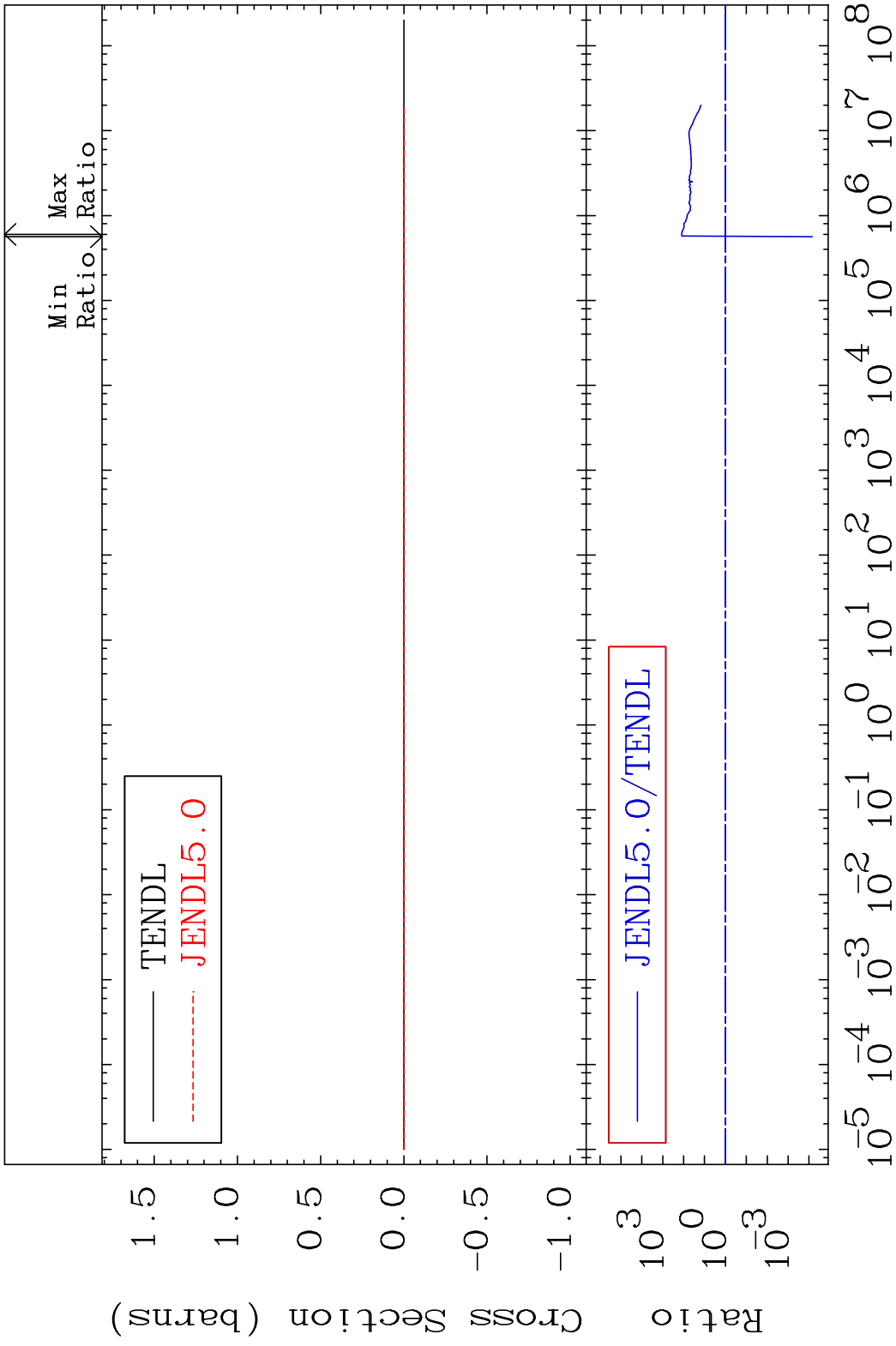
MAT 4849 Kerma non-elastic (all but mt2) 48-Cd-114  
 Cross Section -9999. To 9999. %



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

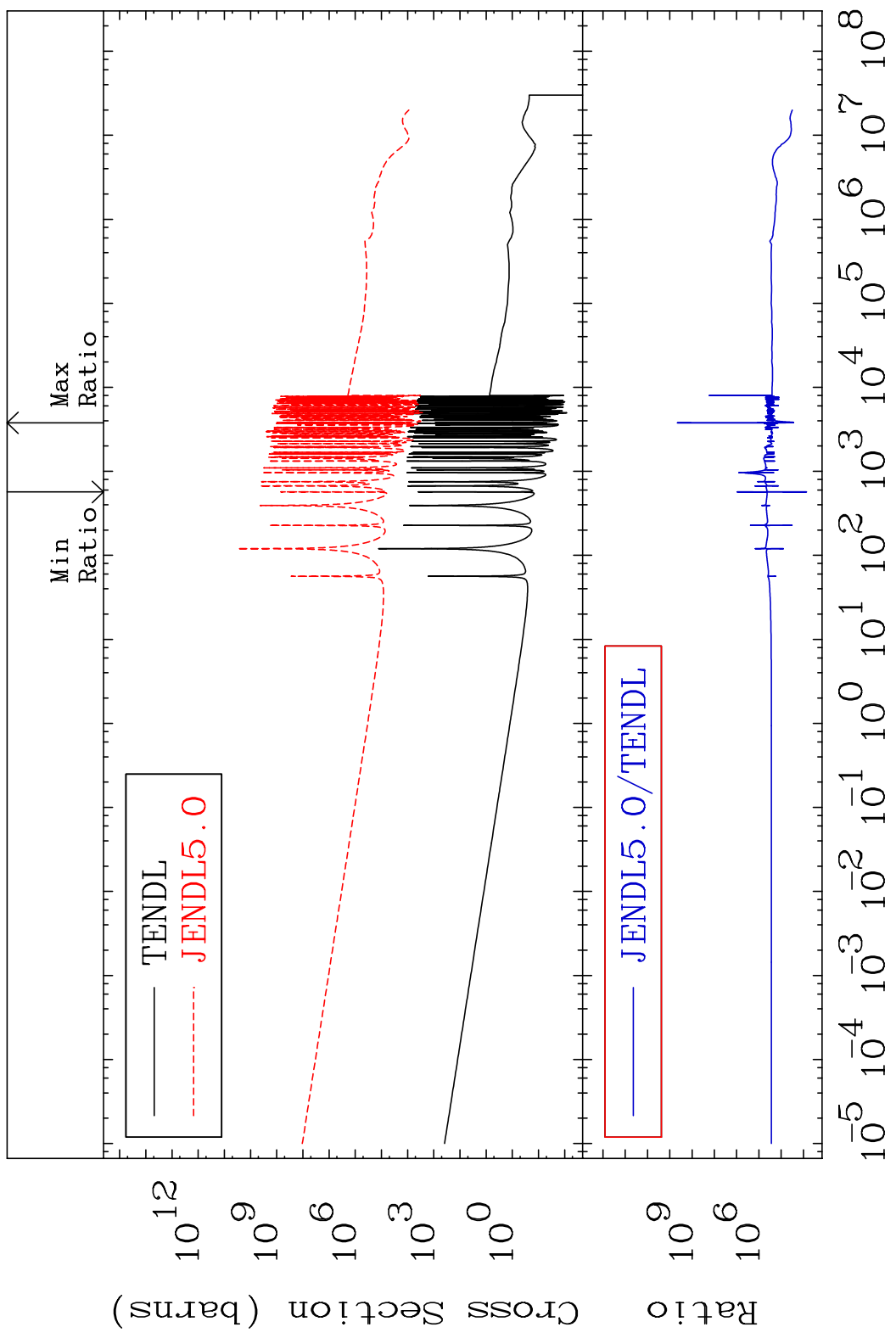


MAT 4849 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-114  
 Cross Section -99.99 To 9999. %



MAT 4849

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



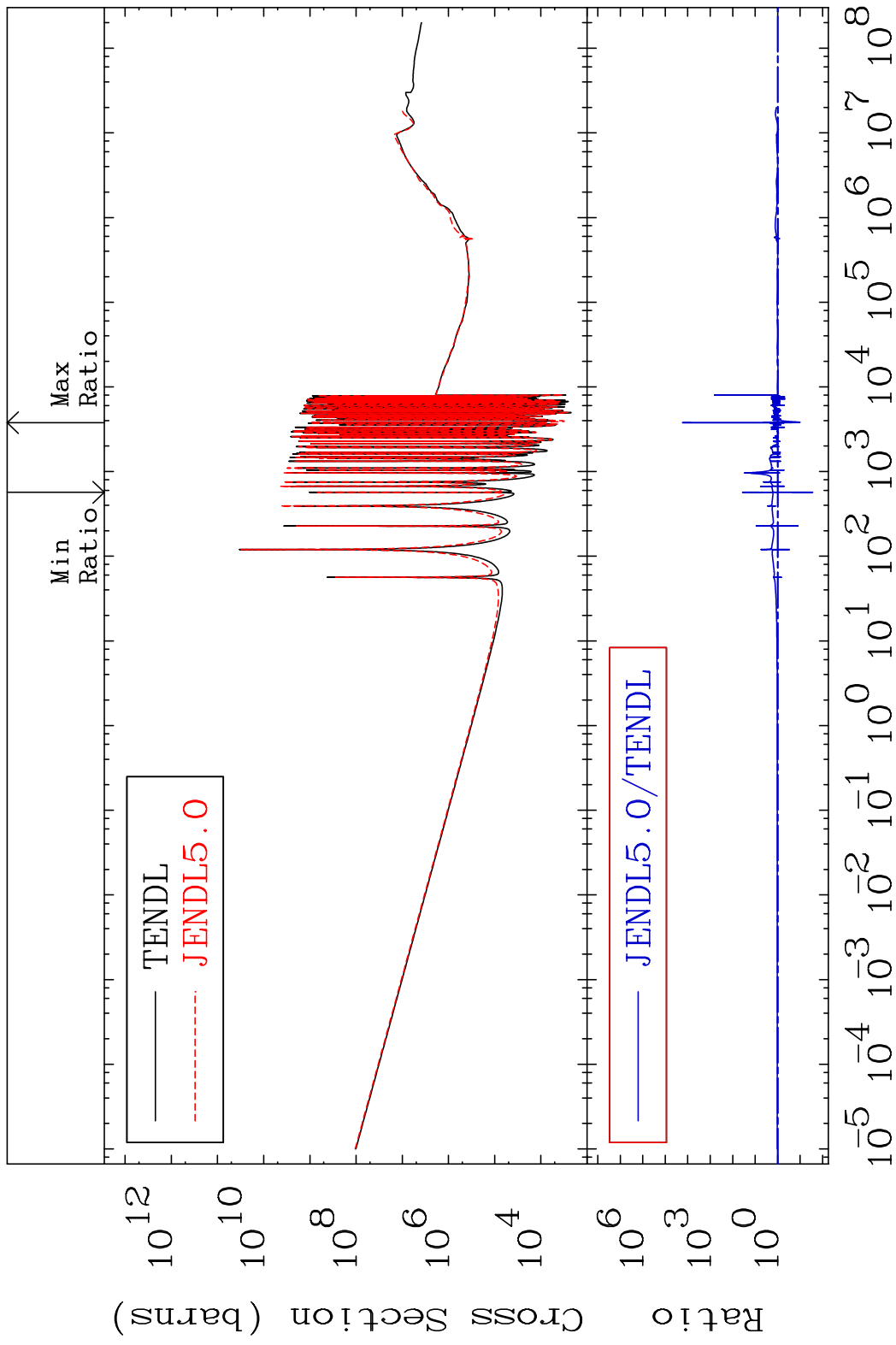
55

Incident Energy (eV)

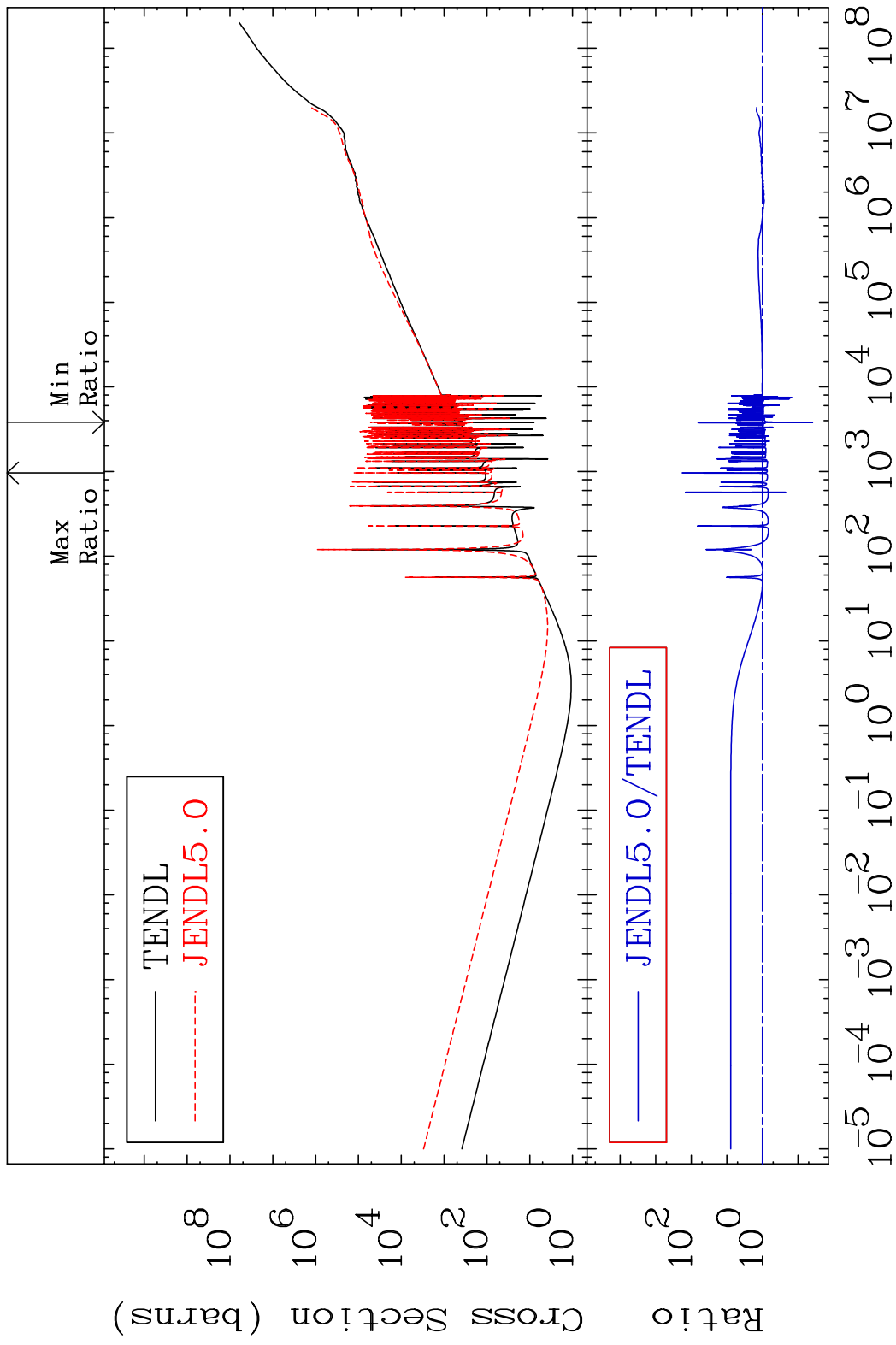
48-Cd-114



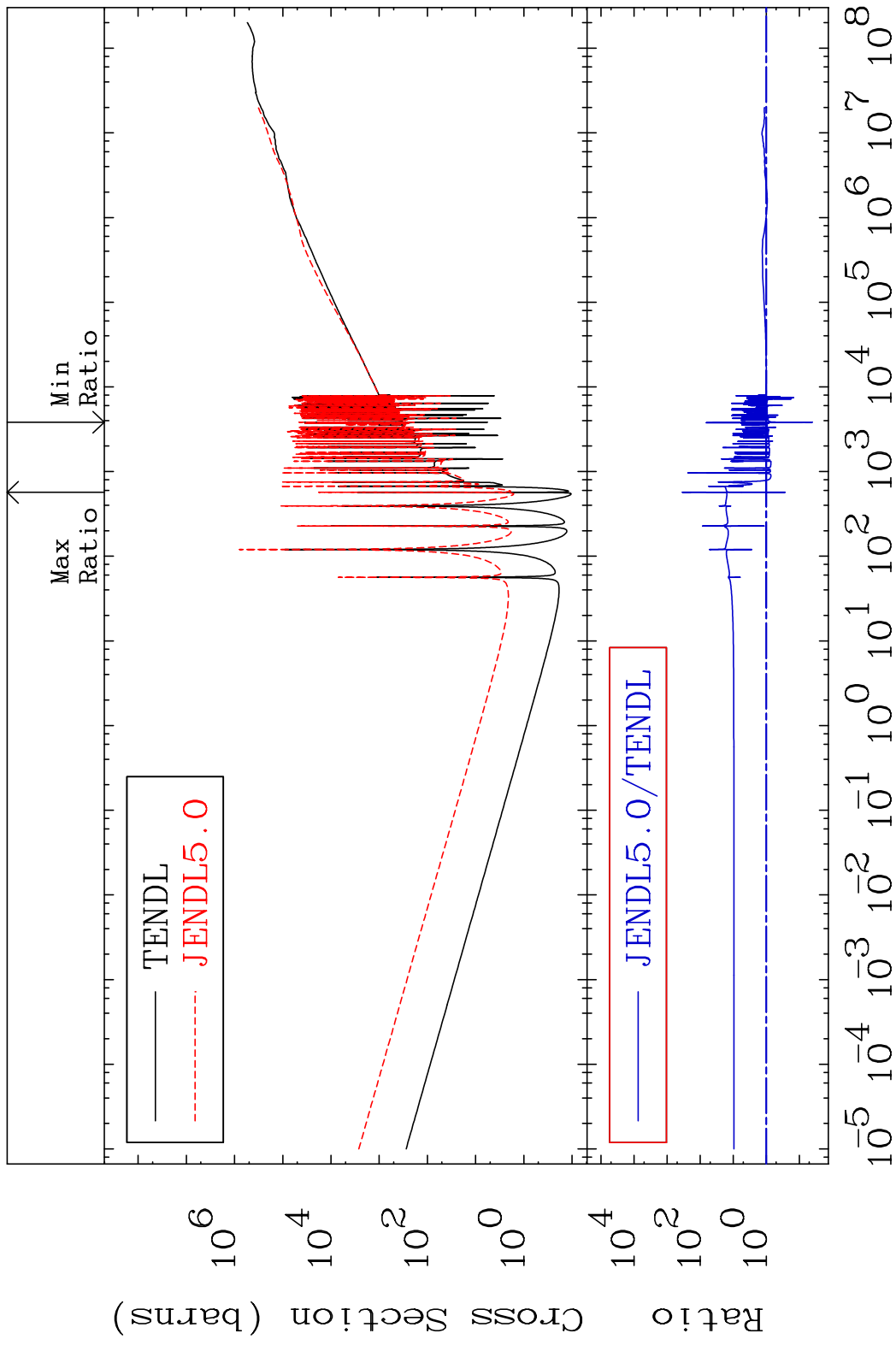
MAT 4849 Total photon (eV-barns) 48-Cd-114  
 Cross Section -97.20 To 9999. %



MAT 4849 Total kinematic kerma (high limit) 48-Cd-114  
 Cross Section -96.12 To 9999. %



MAT 4849      Dpa total (eV-barns)      48-Cd-114  
 Cross Section      -96.02 To 9999. %

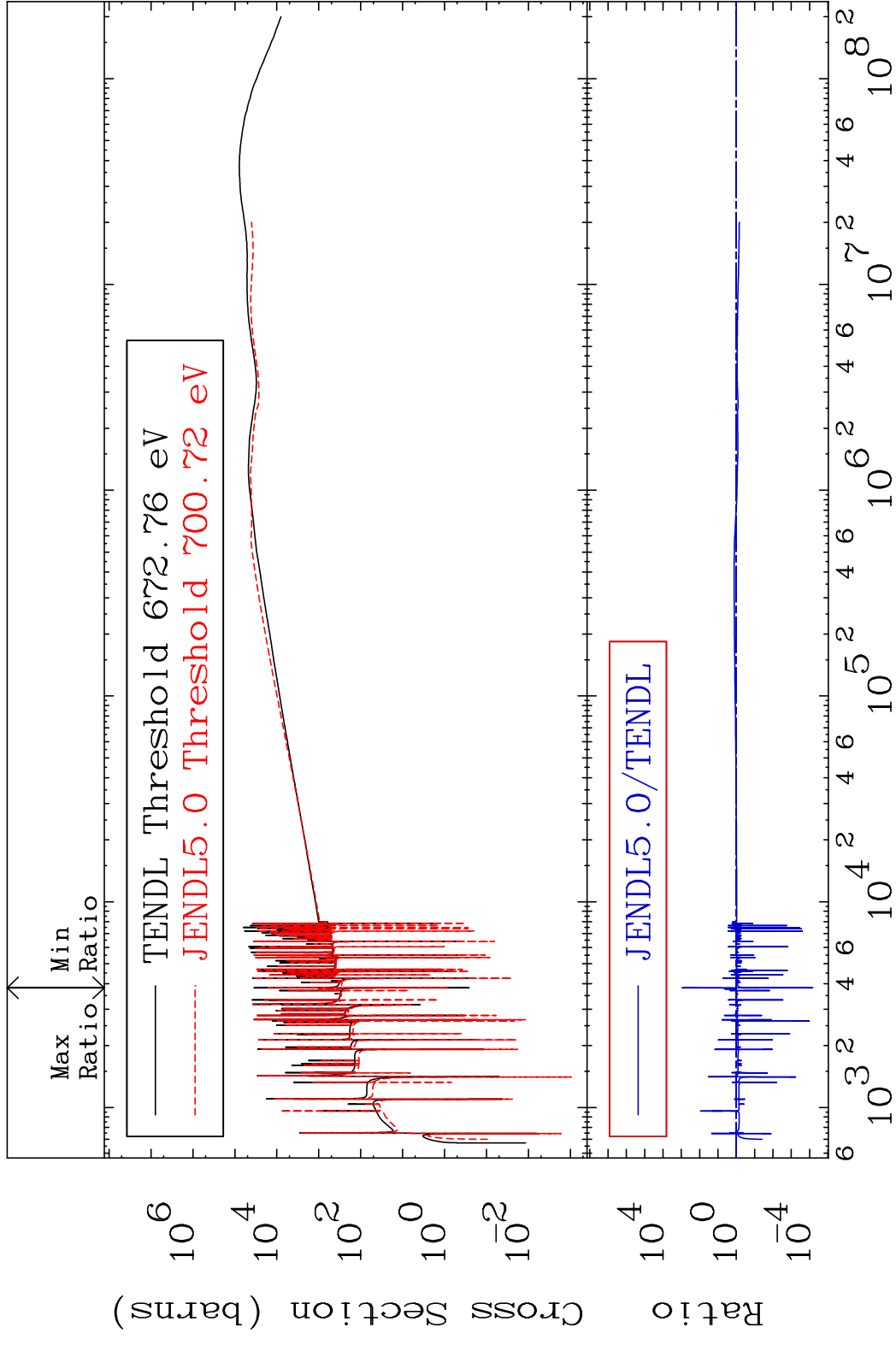


MAT 4849

Dpa elastic (mt2)

48-Cd-114

Cross Section -99.99 To 9999. %

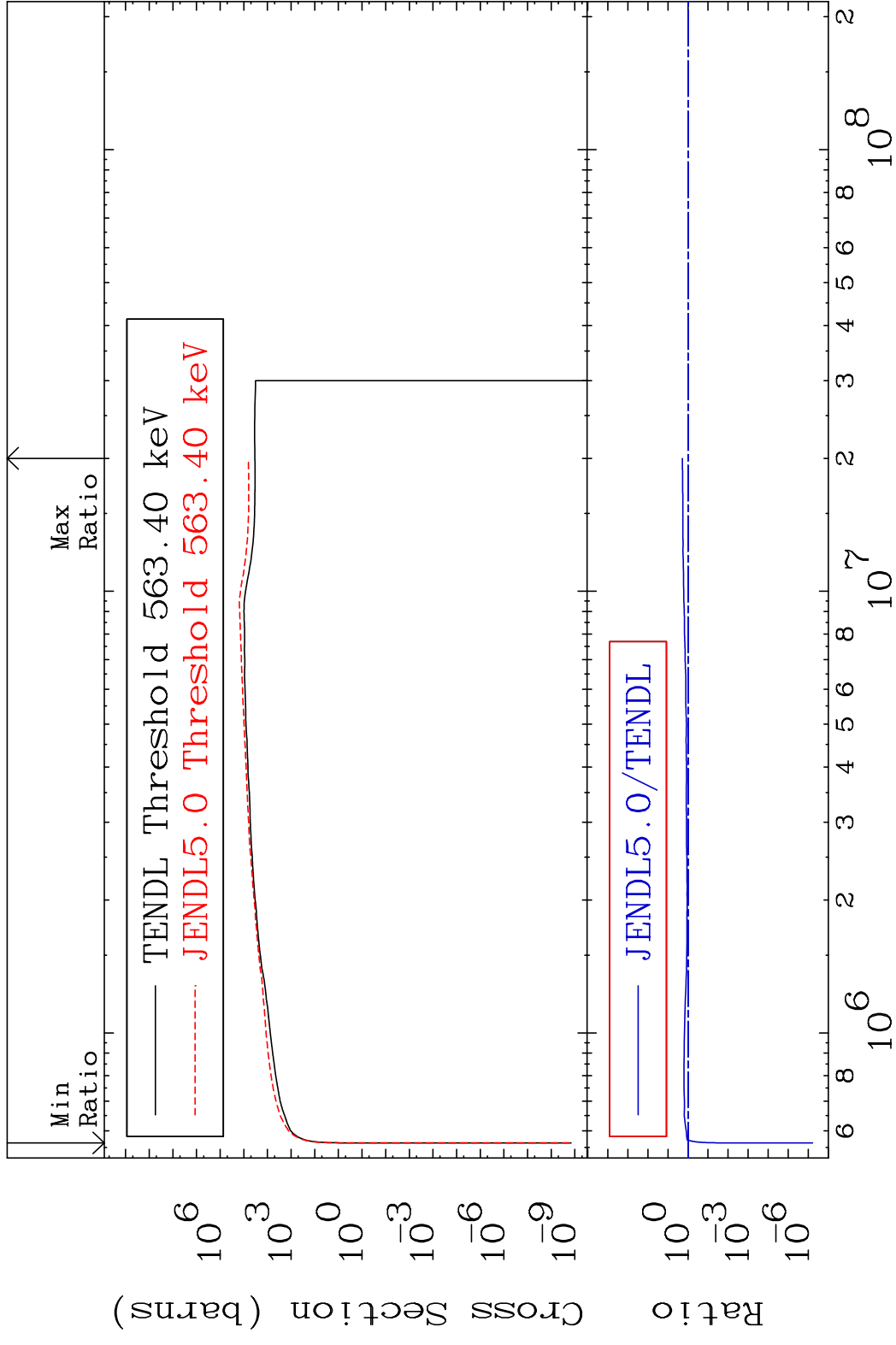


59

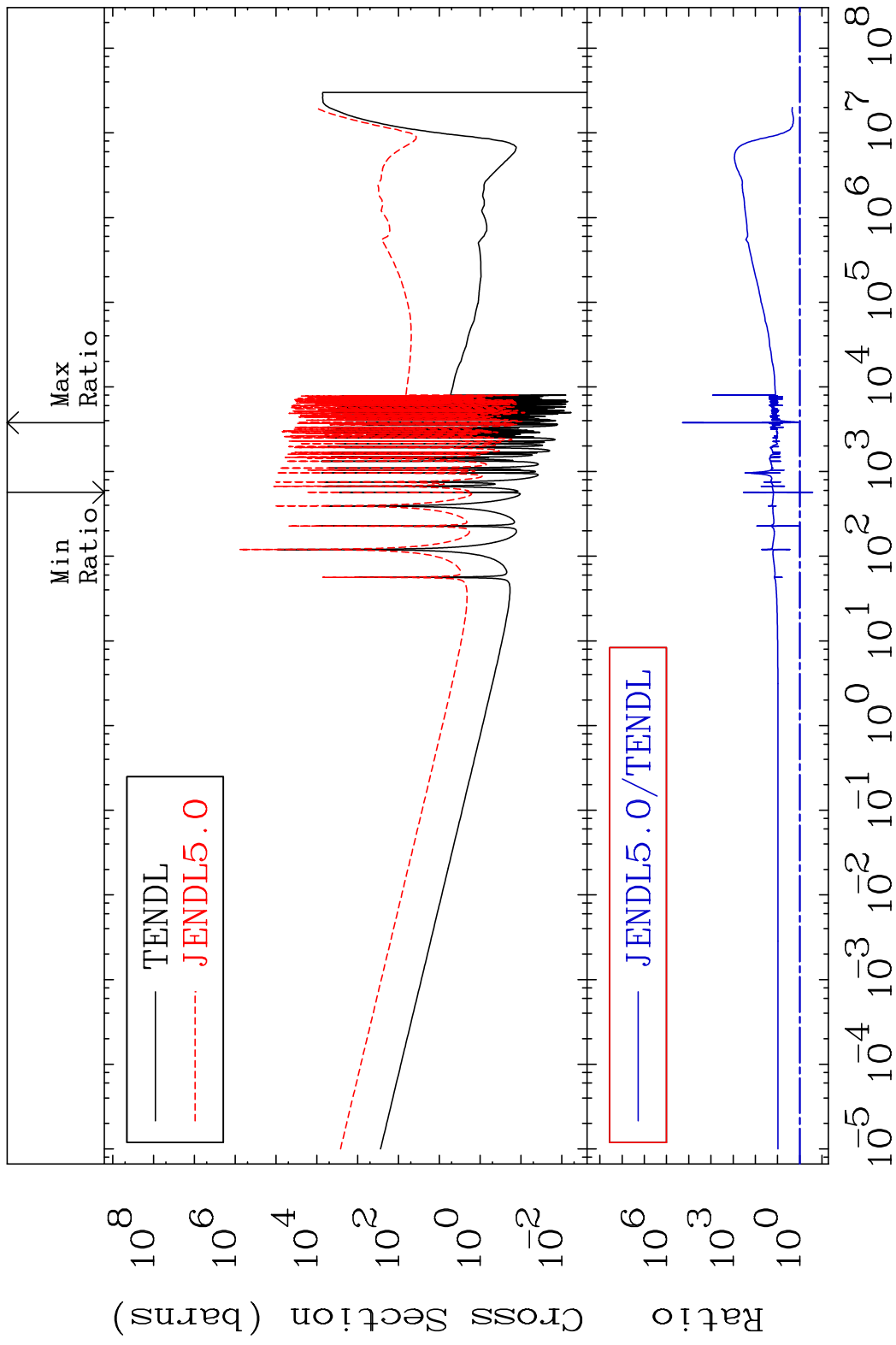
Incident Energy (eV)

48-Cd-114

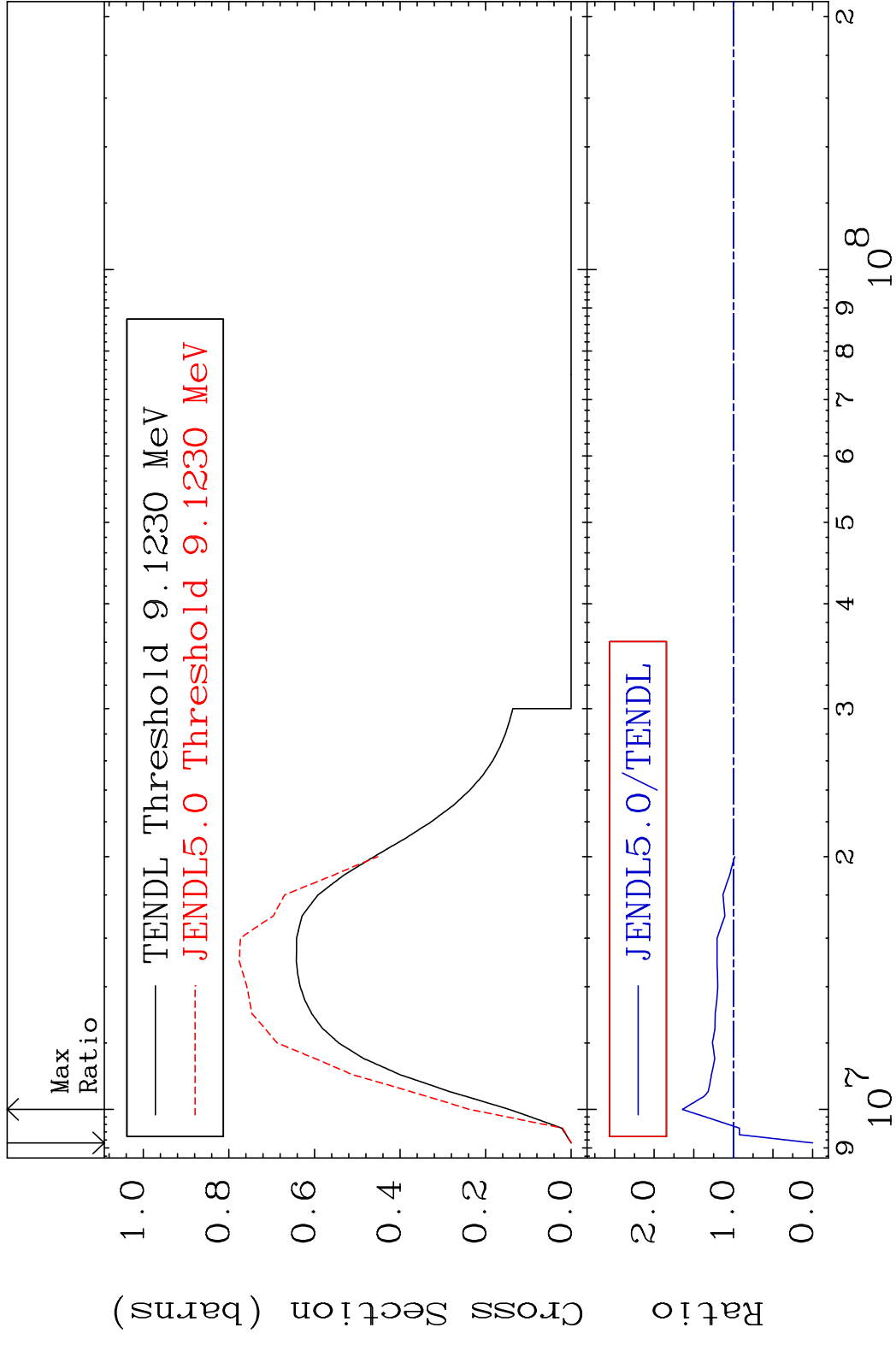
MAT 4849 Dpa inelastic (mt51-91) 48-Cd-114  
 Cross Section -100.0 To 90.83 %



MAT 4849 Dpa disappearance (mt102 -120) 48-Cd-114  
 Cross Section -73.36 To 9999. %

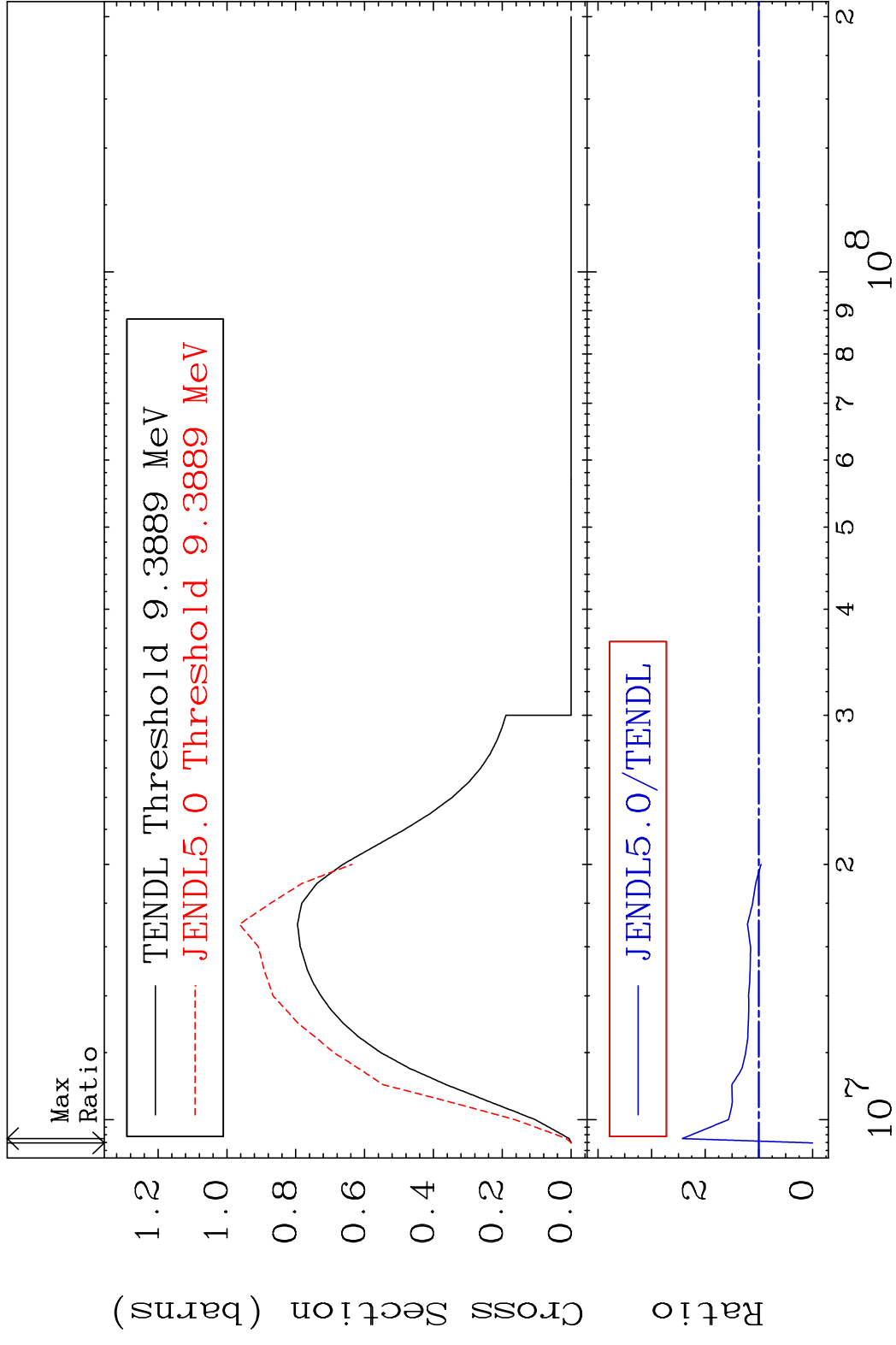


MAT 4849 (n,2n):48-Cd-113g 48-Cd-114  
 Radionuclide Production Cross Section Ratio 64.43 %

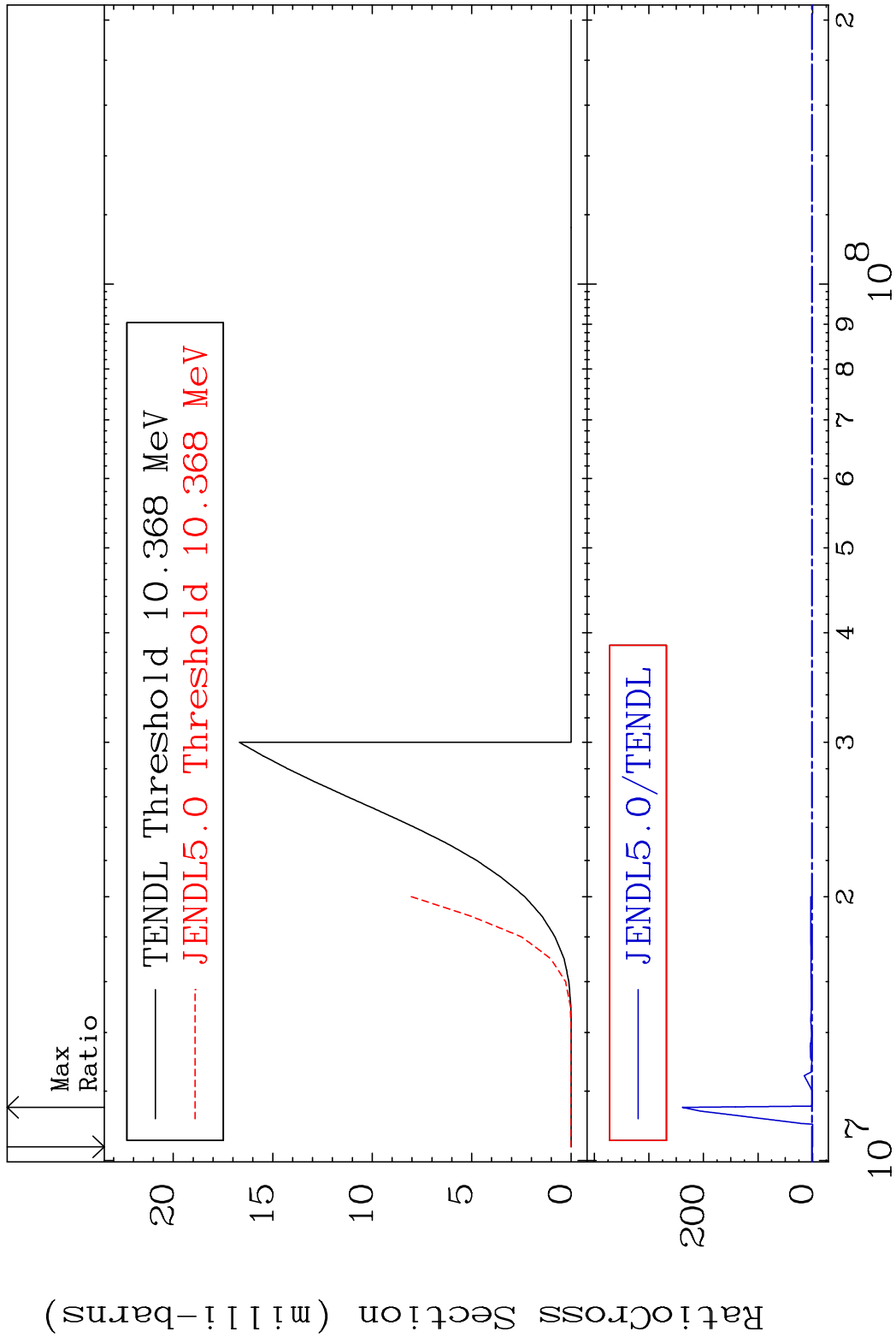


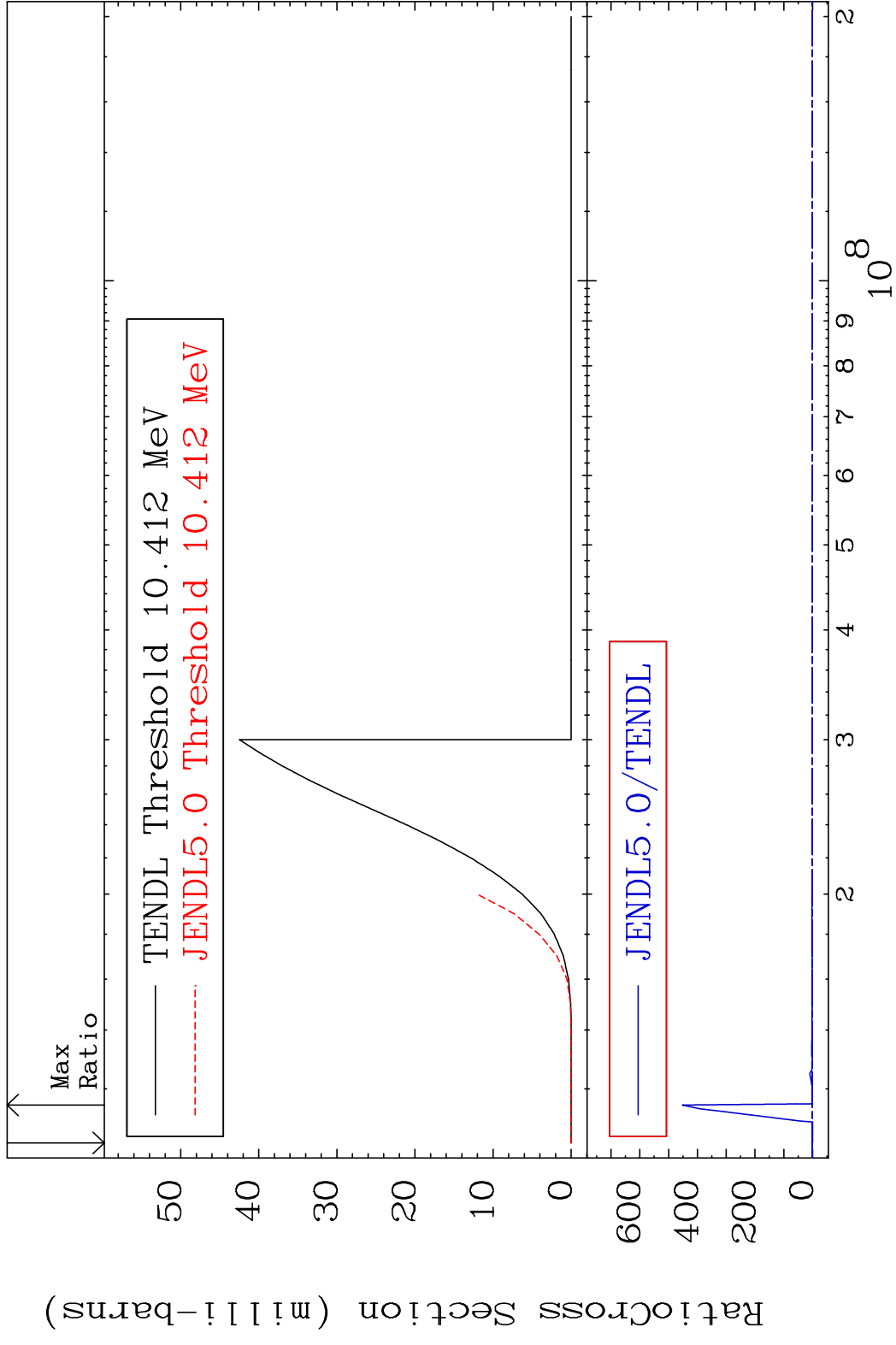
62 Incident Energy (eV) 48-Cd-114

MAT 4849 (n,2n): 48-Cd-113m1 48-Cd-114  
 Radionuclide Production Cross Section 180.0 dth 142.6 %

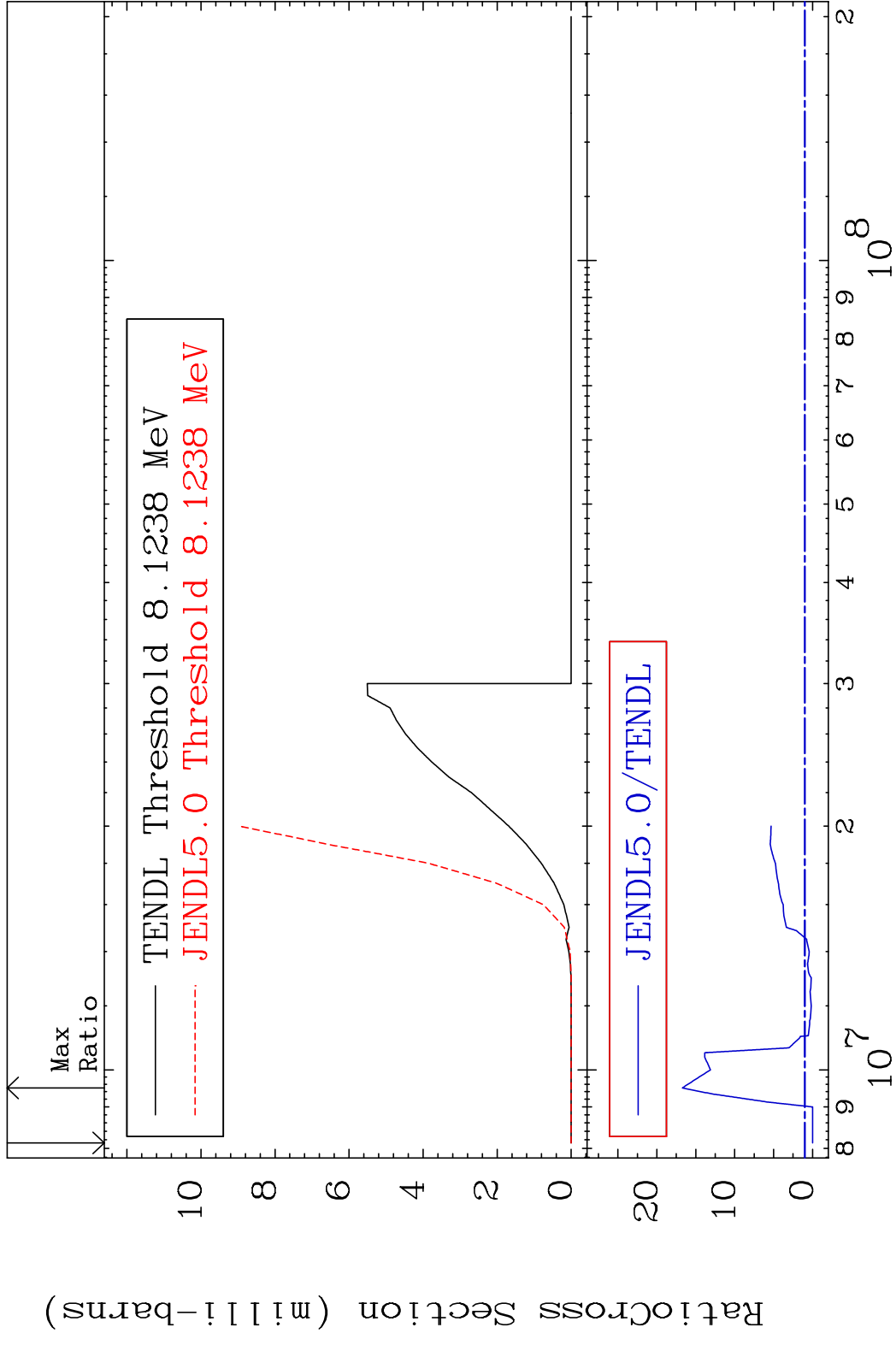




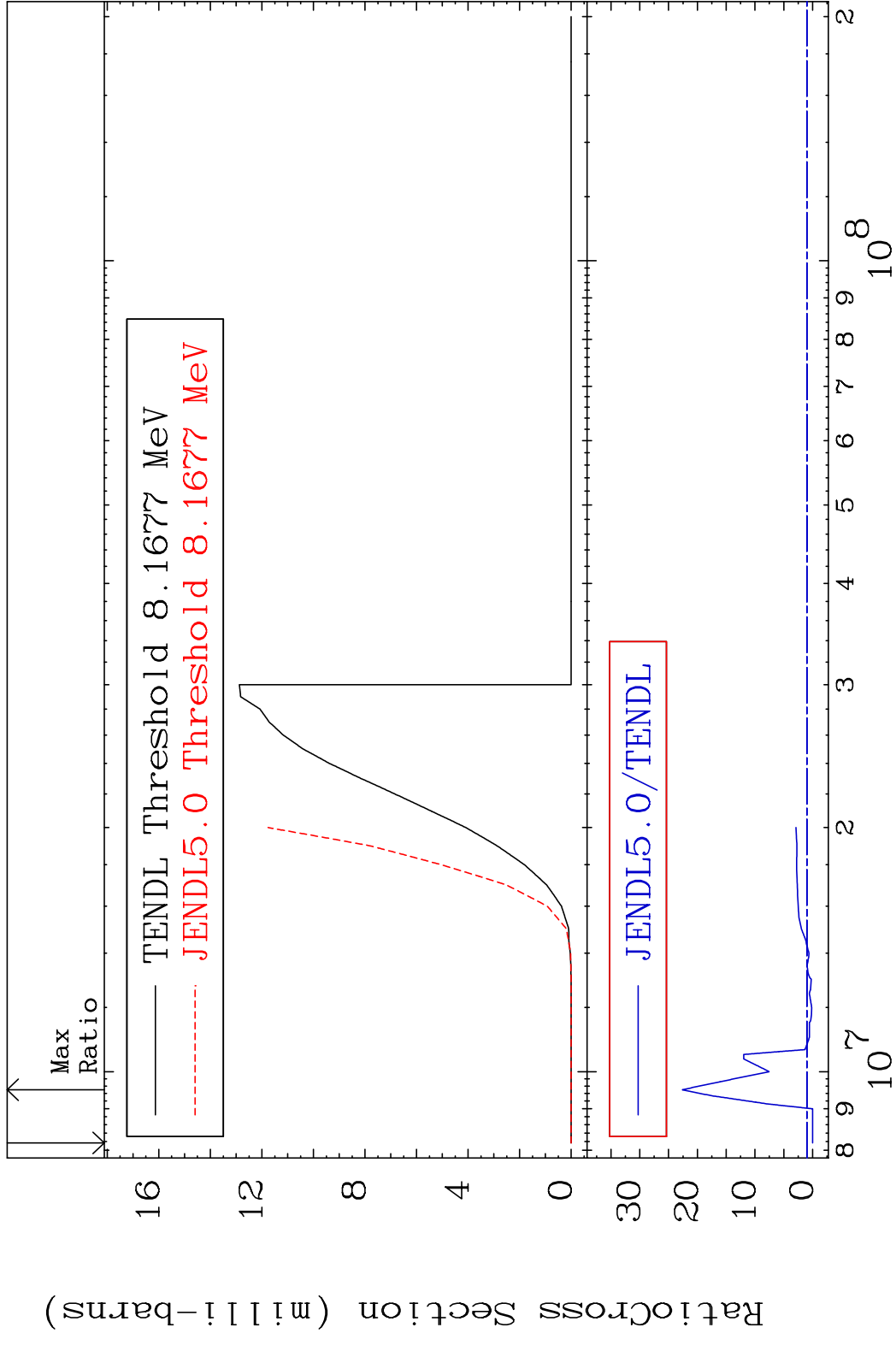




MAT 4849 (n,d):47-Ag-113g 48-Cd-114  
 Radionuclide Production Cross Section Ratio 1573.15 %



MAT 4849 (n,d):47-Ag-113m1 48-Cd-114  
 Radionuclide Production Cross Section 180.01 dth 2161. %



67 Incident Energy (eV) 48-Cd-114