

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

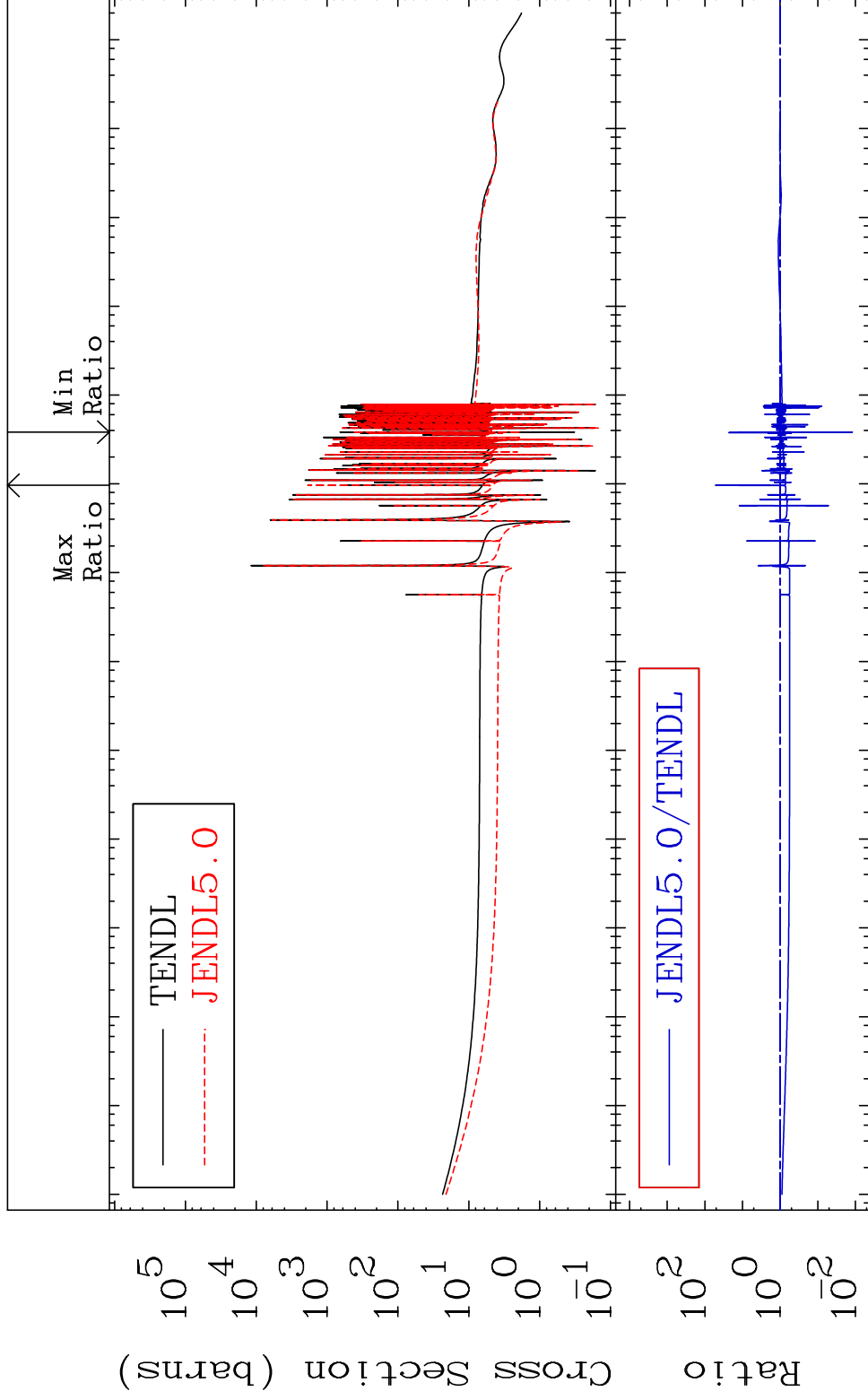
MAT 4849

Total

48-Cd-114

Cross Section

-98.79 To 5061. %



1

Incident Energy (eV)

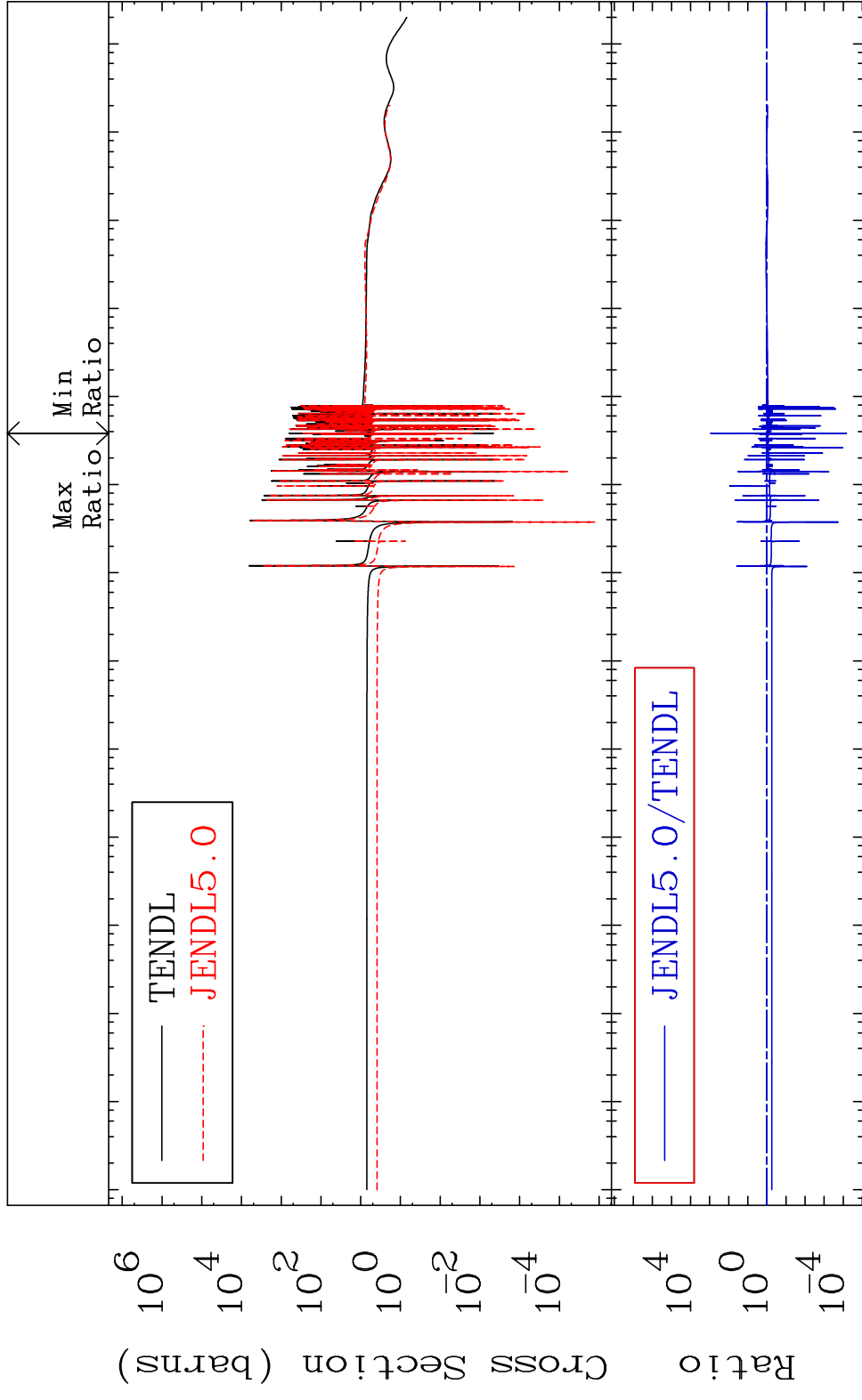
48-Cd-114

MAT 4849

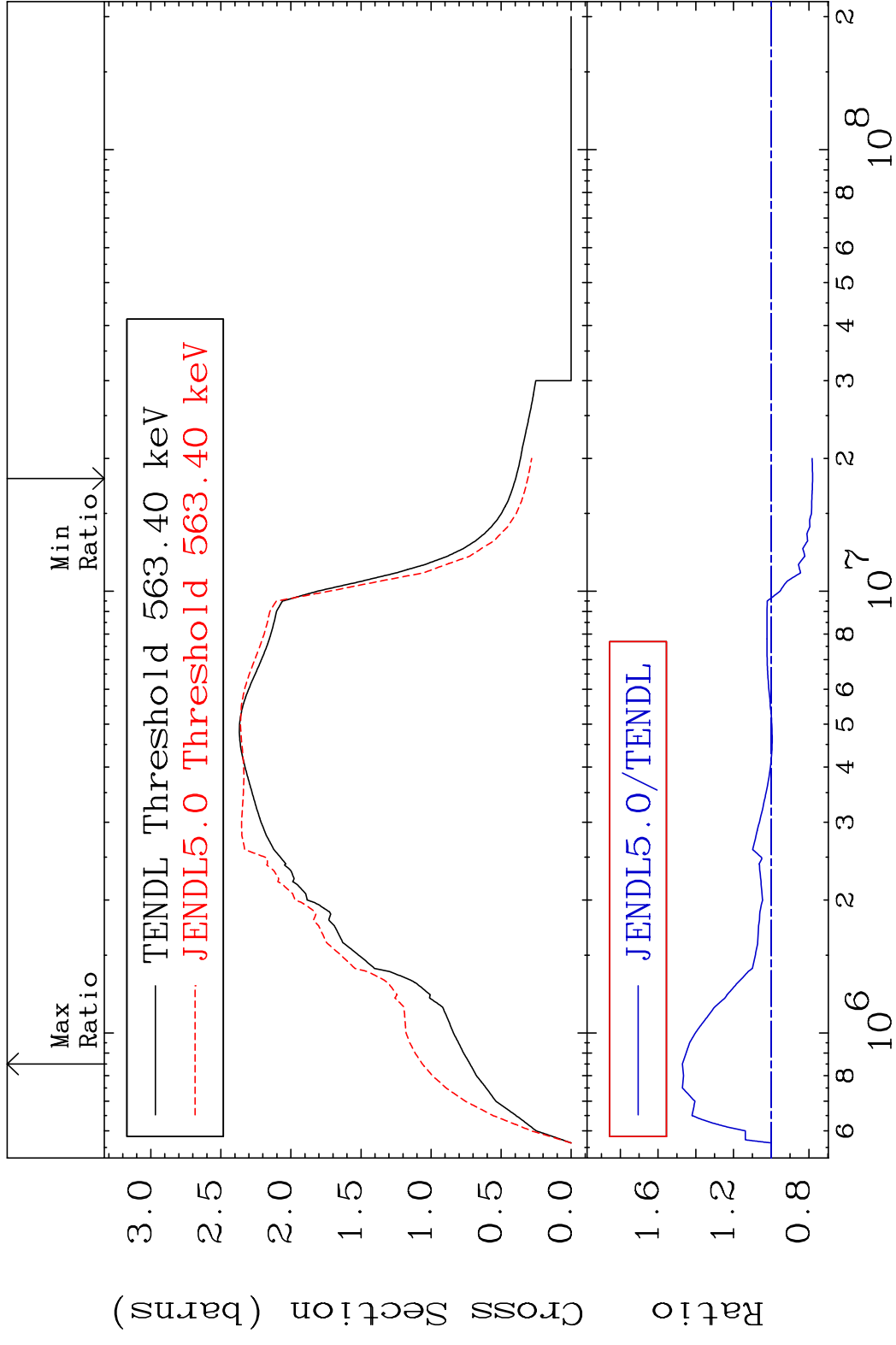
Elastic

48-Cd-114

Cross Section -99.99 To 9999. %



MAT 4849 Inelastic 48-Cd-114  
 Cross Section -21.91 To 47.10 %

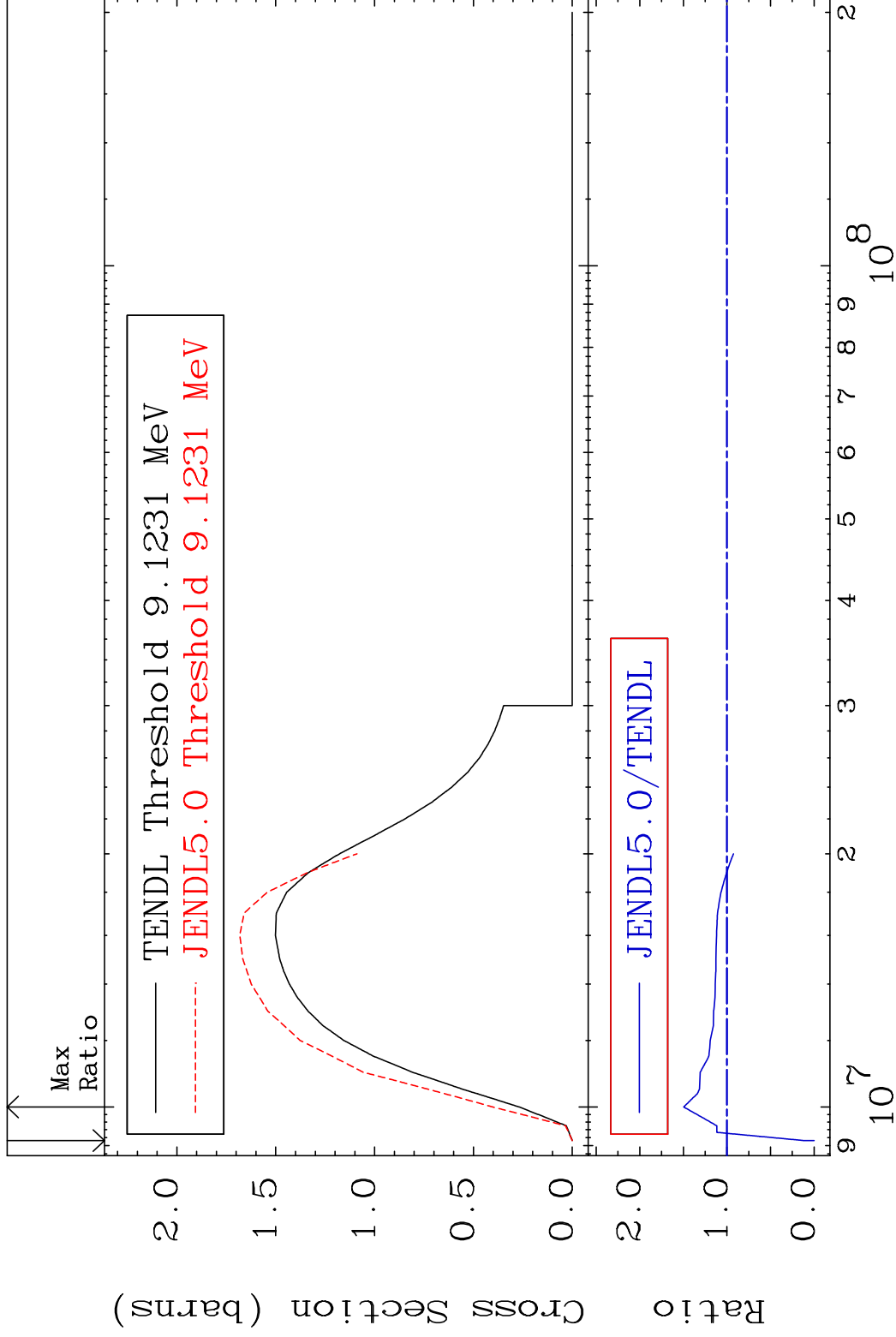


MAT 4849

(n,2n)

48-Cd-114

Cross Section -100.0 To 49.67 %



4

Incident Energy (eV)

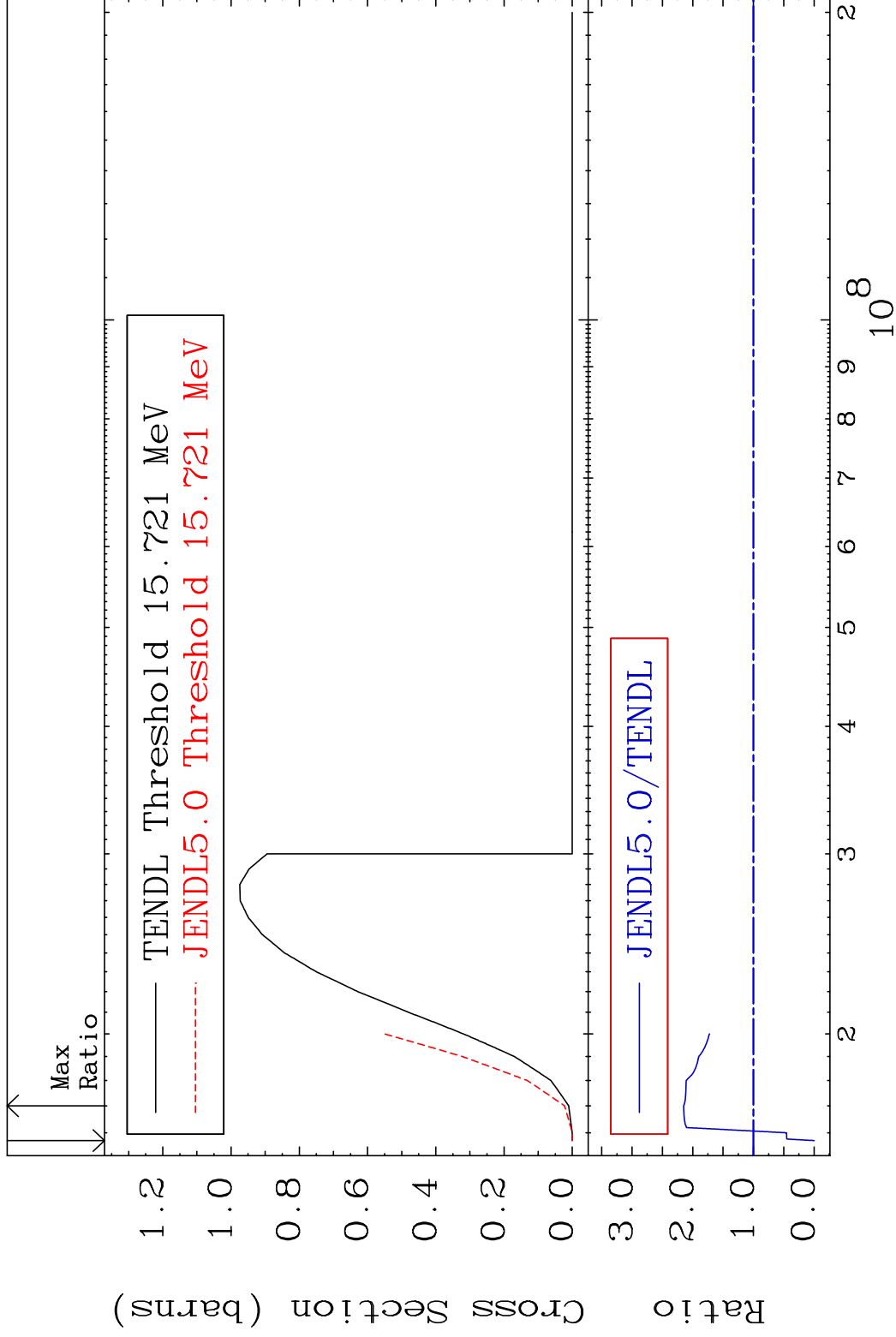
48-Cd-114

MAT 4849

(n,3n)

48-Cd-114

Cross Section -100.0 To 115.0 %



5

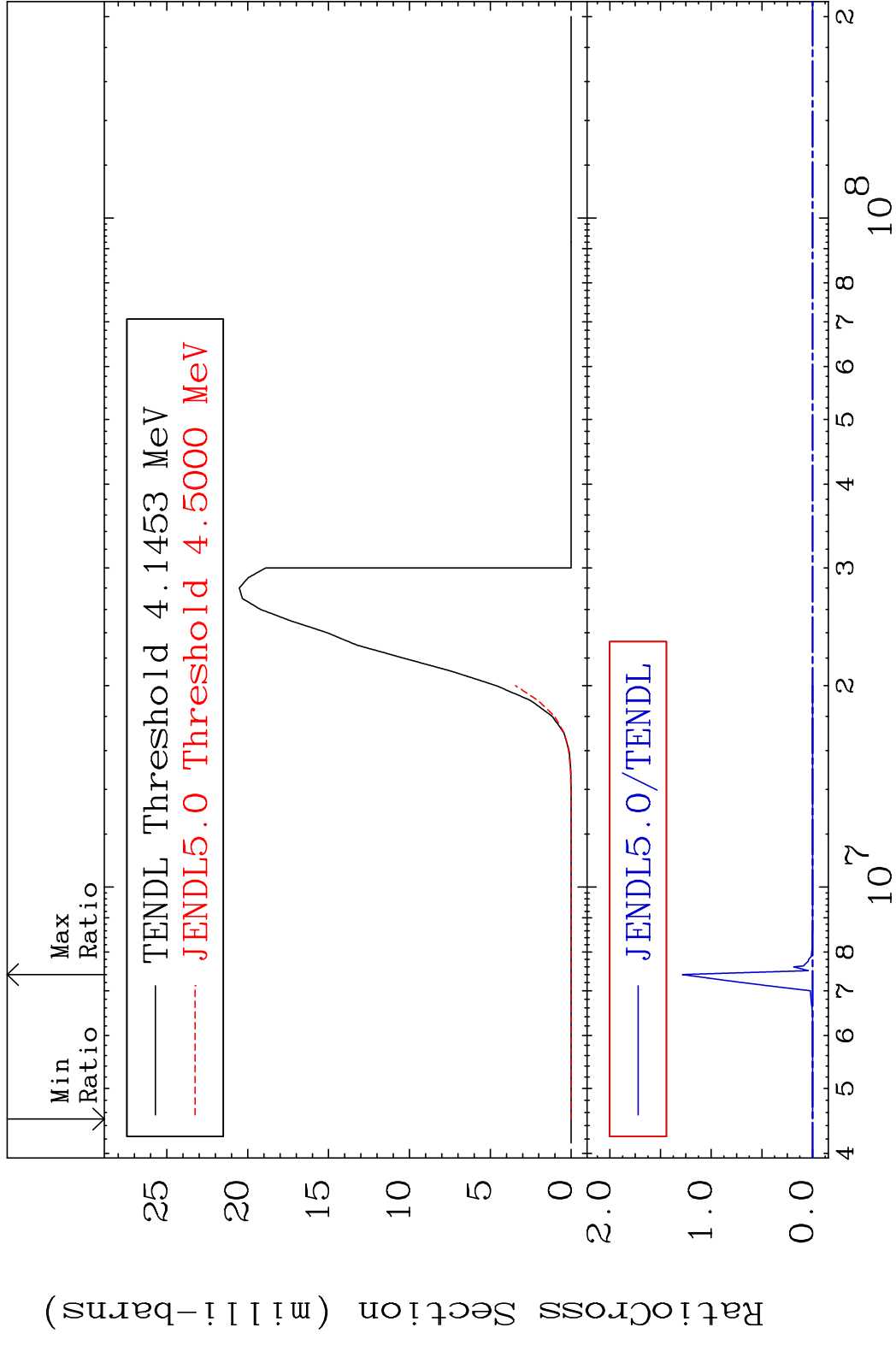
Incident Energy (eV)

48-Cd-114

MAT 4849

(n,n')  $\alpha$  48-Cd-114

Cross Section -100.0 To 9999. %

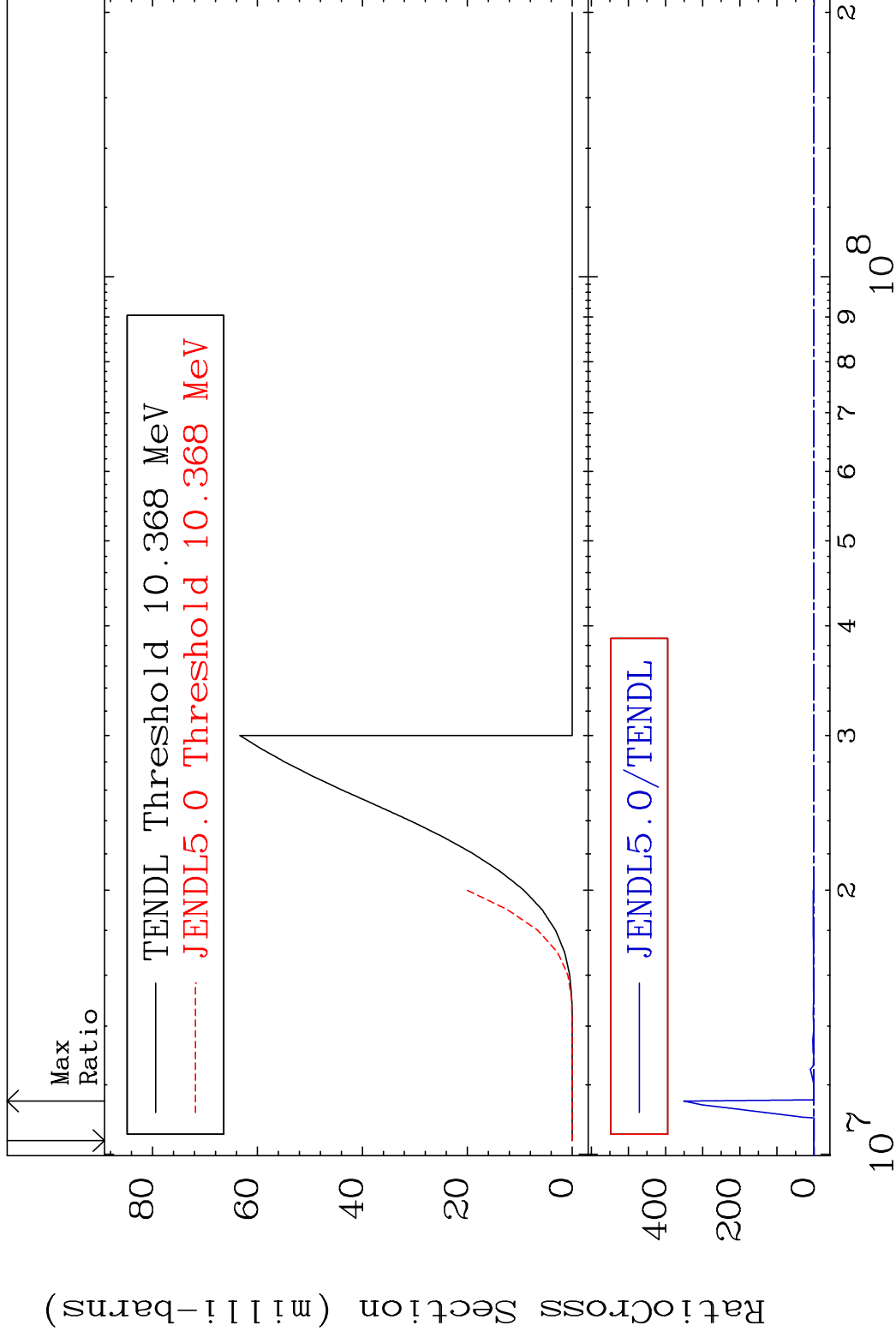


MAT 4849

(n, n') p

48-Cd-114

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

48-Cd-114

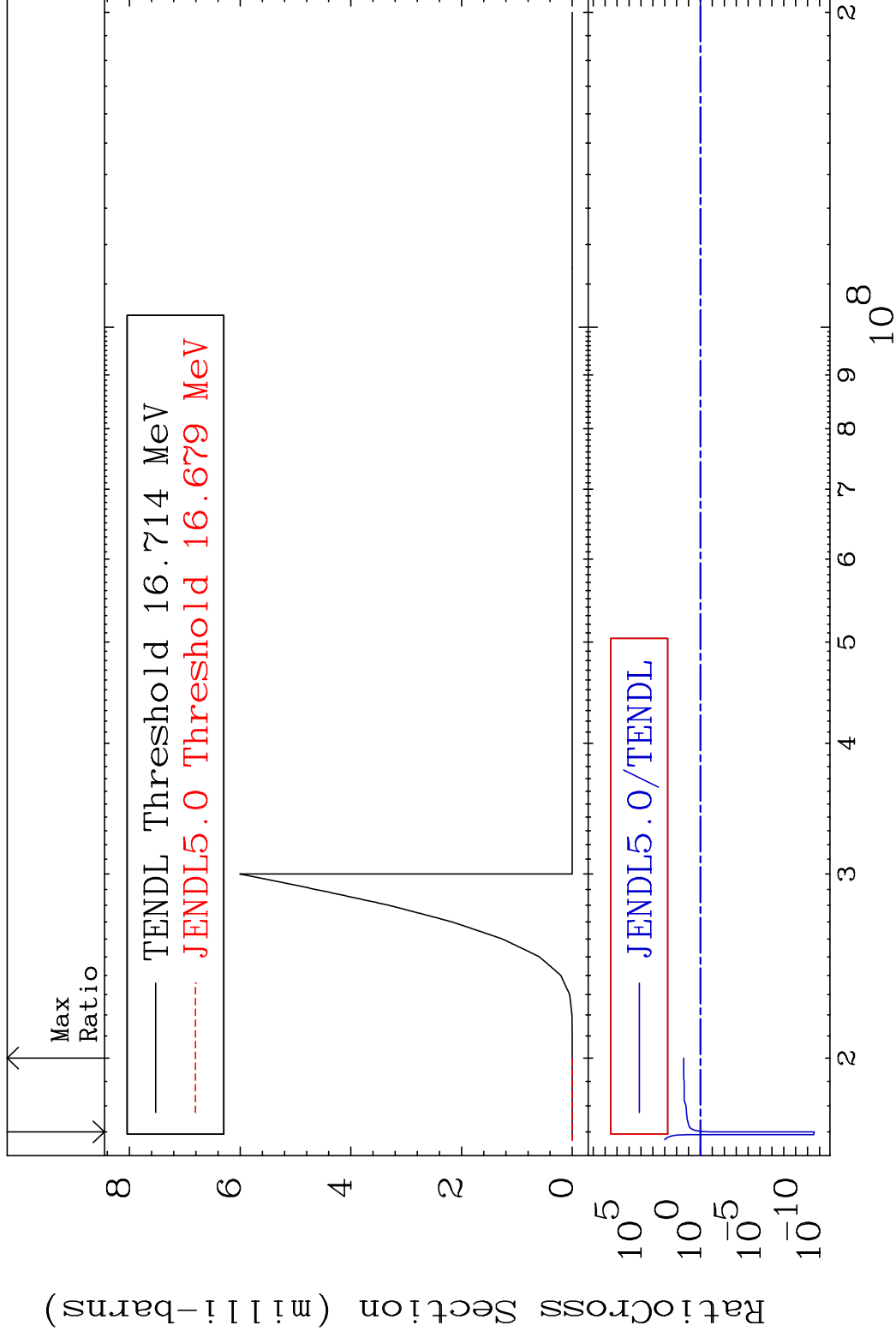


MAT 4849

(n, n') d

48-Cd-114

Cross Section -100.0 To 2465. %

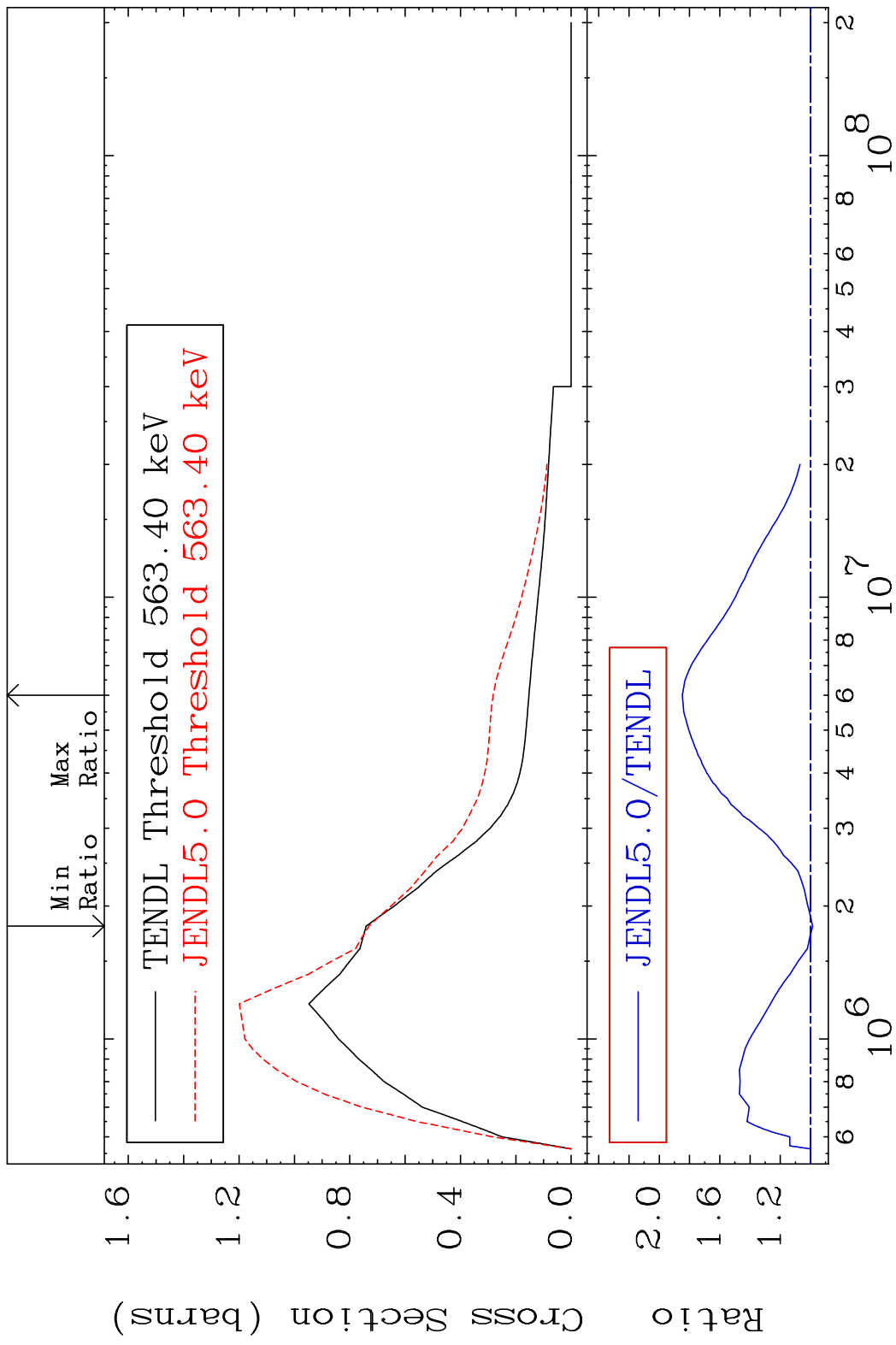


8

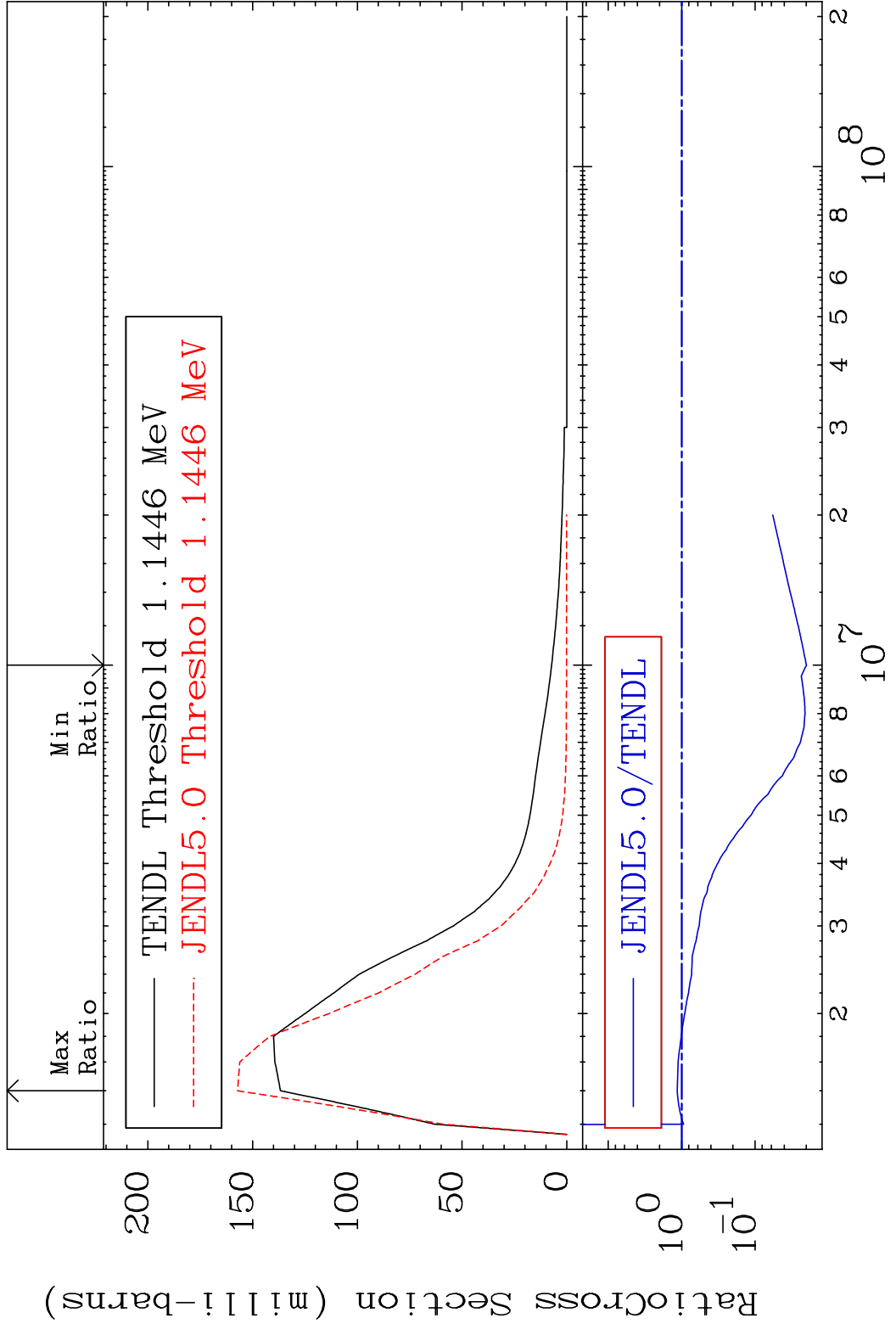
Incident Energy (eV)

48-Cd-114

MAT 4849 MT= 51 (n, n') Level 48-Cd-114  
 Cross Section -1.322 To 84.76 %

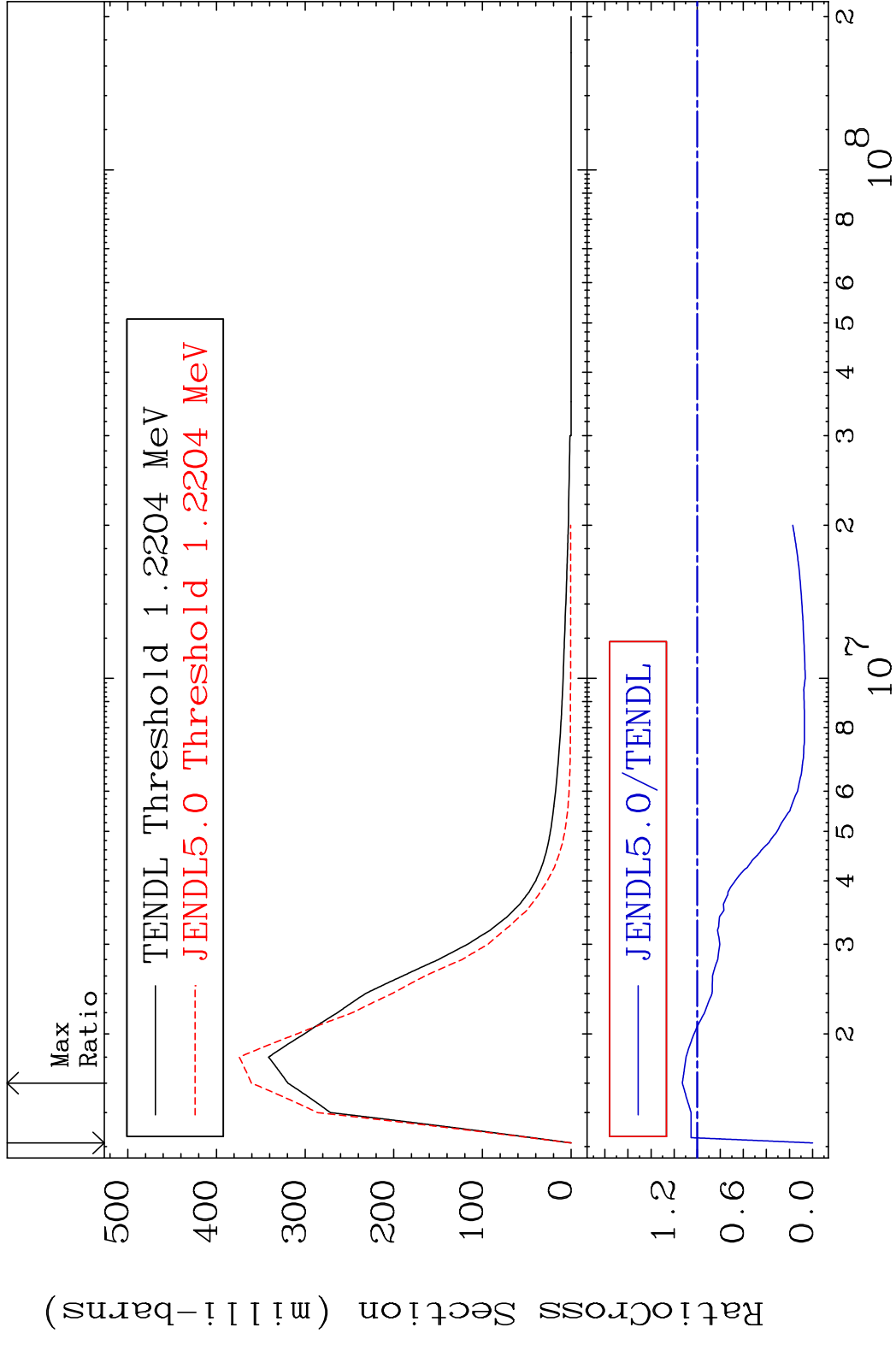


MAT 4849 MT= 52 (n, n') Level 48-Cd-114  
 Cross Section -98.00 To 15.00 %

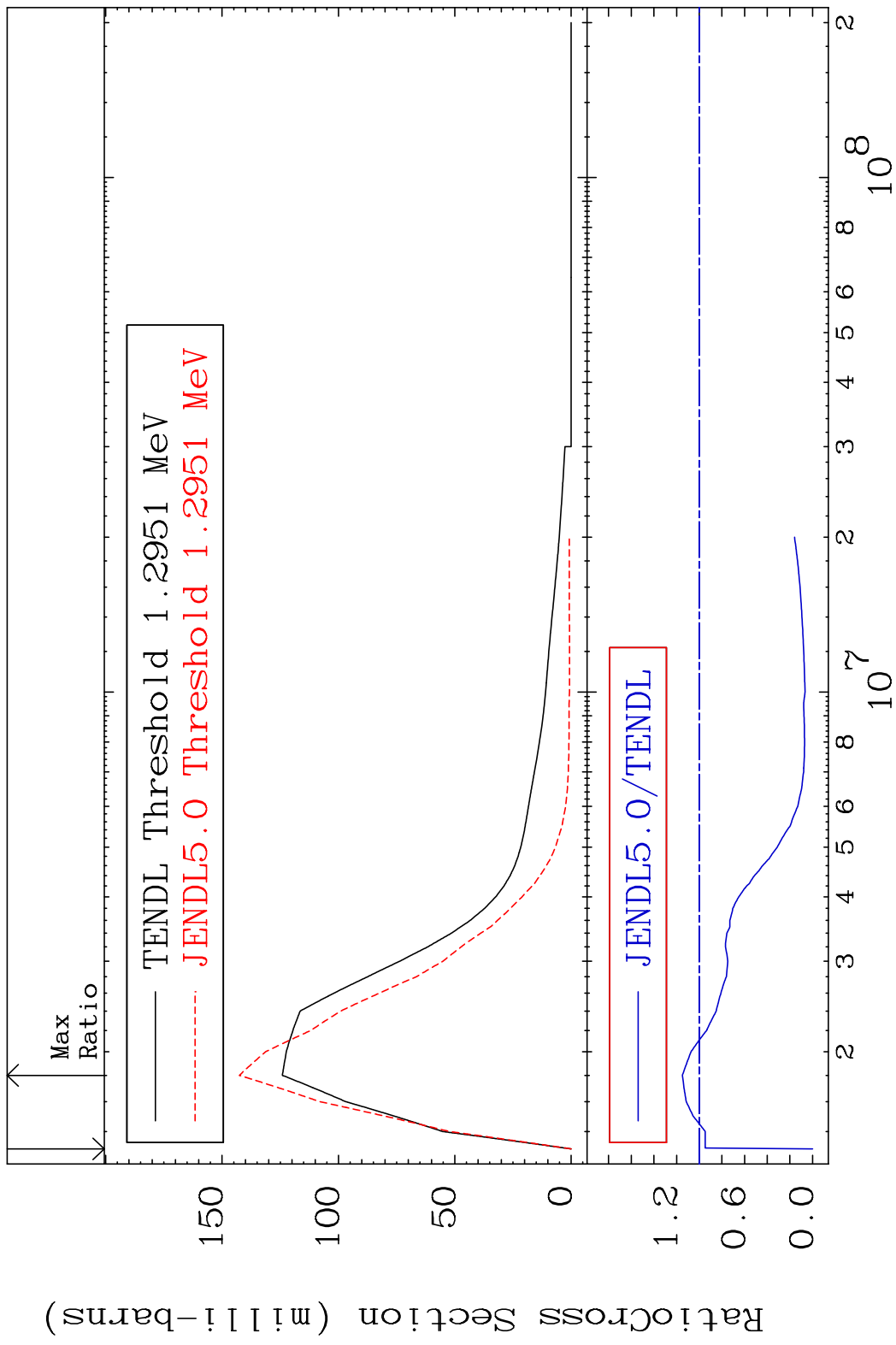


10 Incident Energy (eV) 48-Cd-114

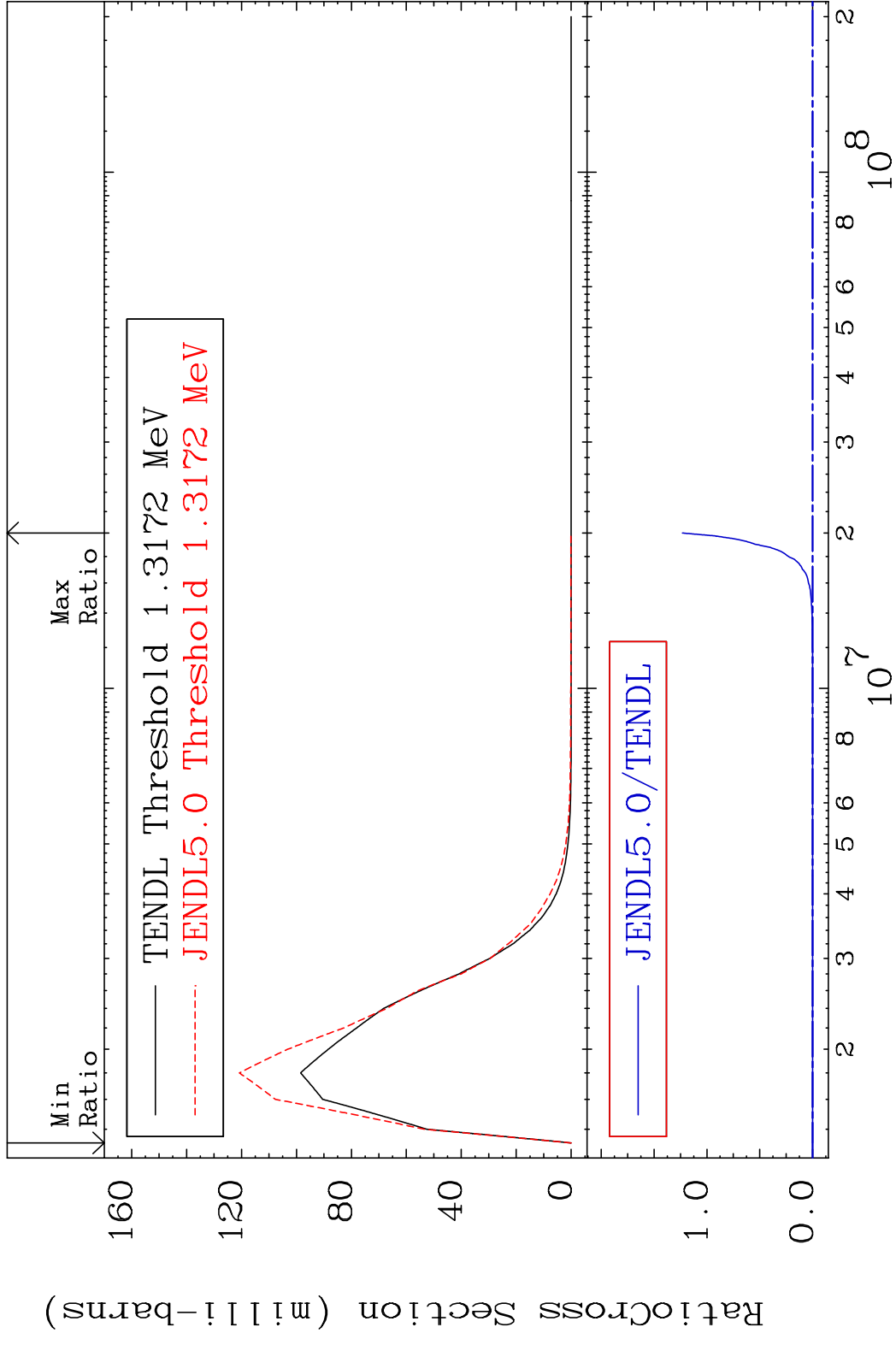
MAT 4849 MT= 53 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 12.87 %



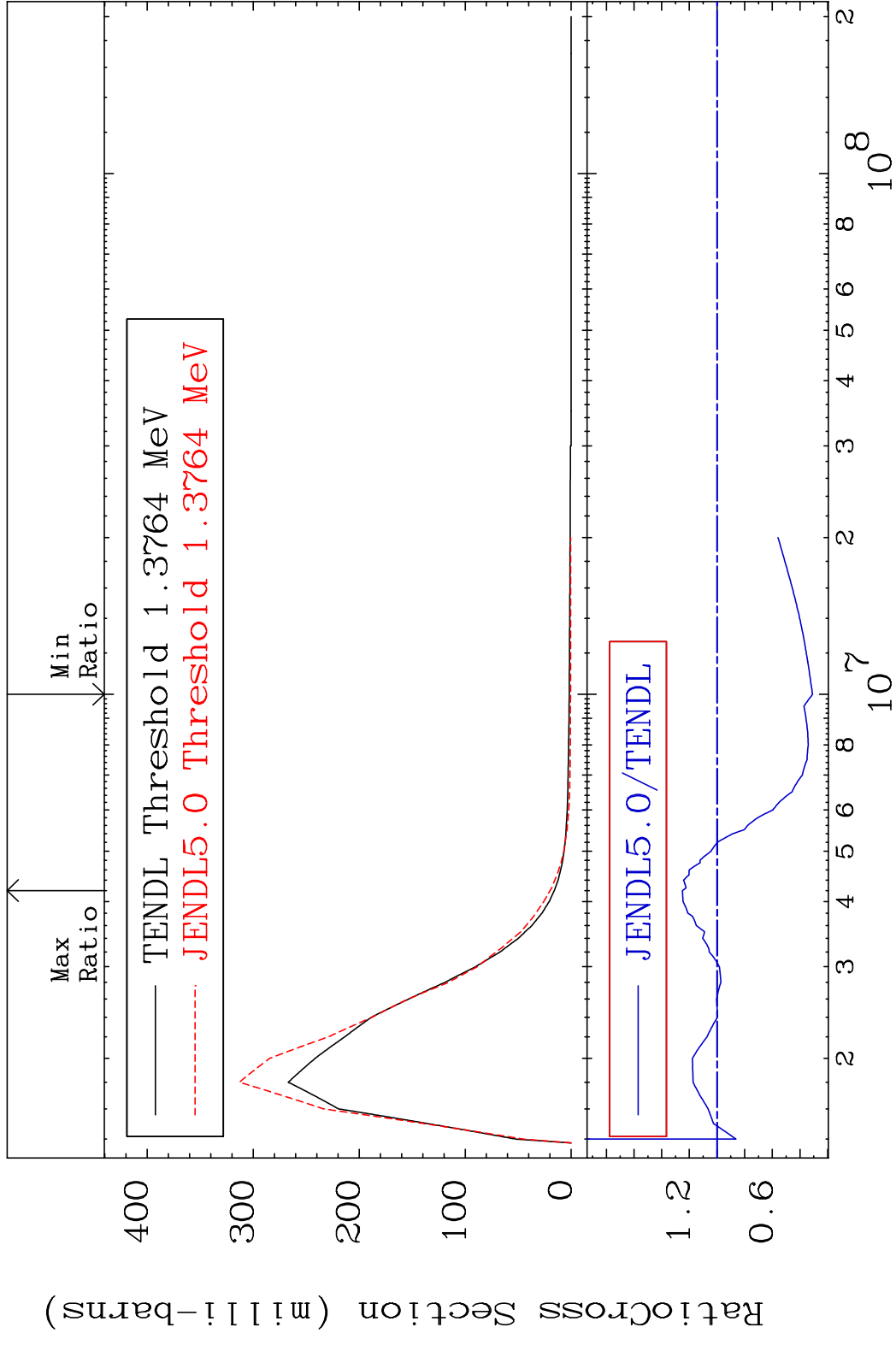
MAT 4849 MT= 54 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 14.90 %



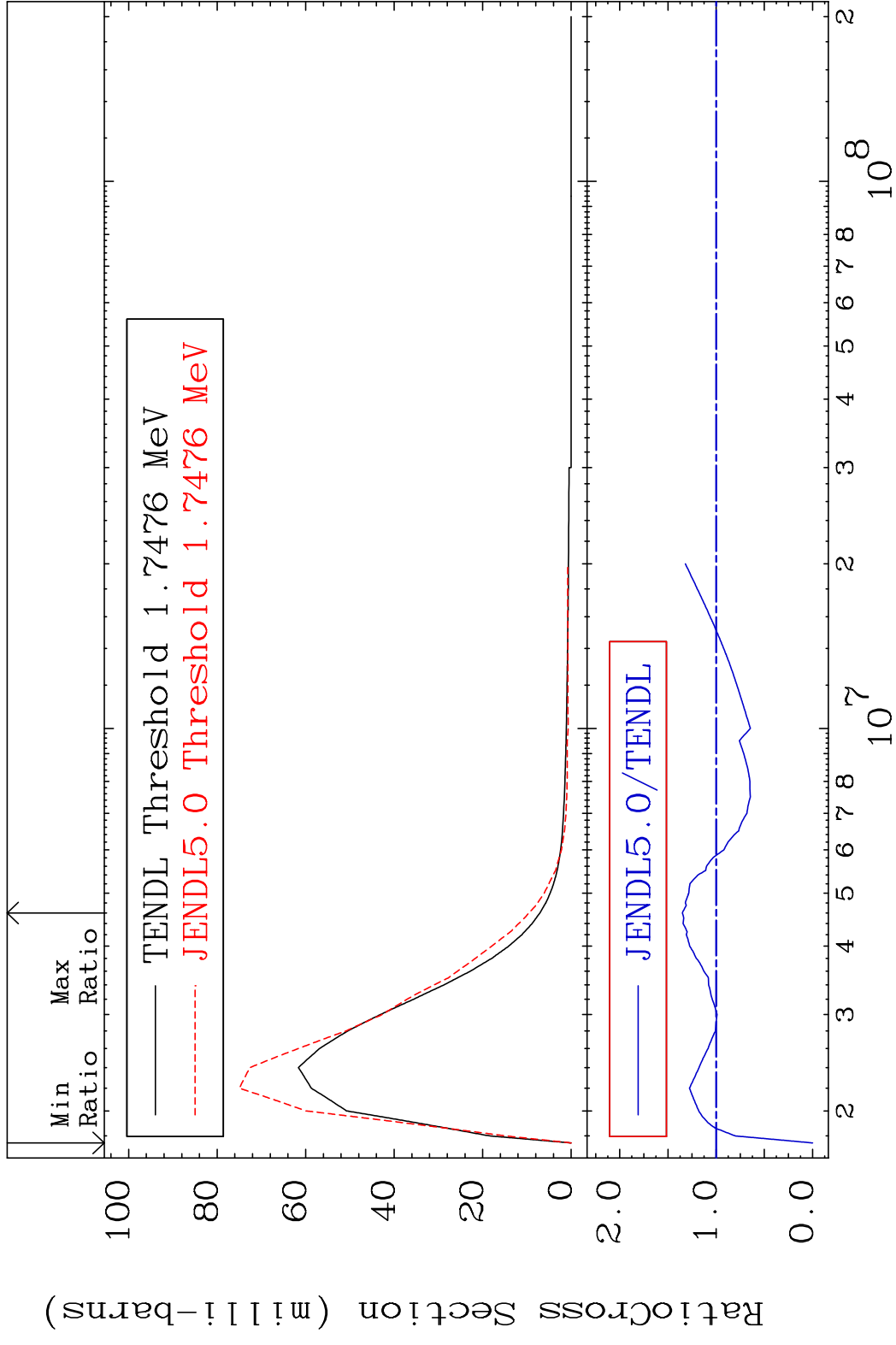
MAT 4849 MT= 55 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 56 (n, n') Level 48-Cd-114  
 Cross Section -69.09 To 25.05 %

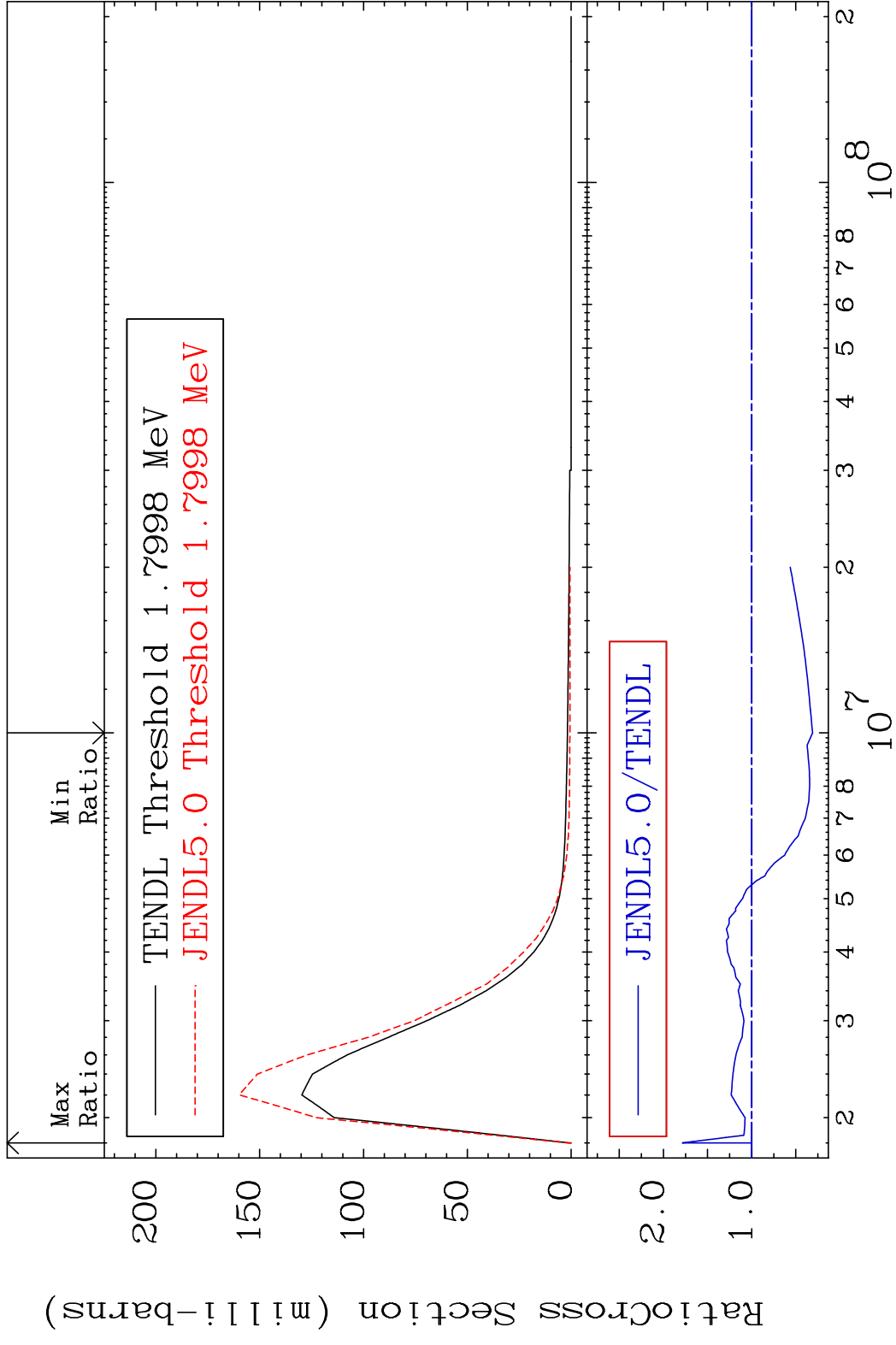


MAT 4849 MT= 57 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 35.08 %

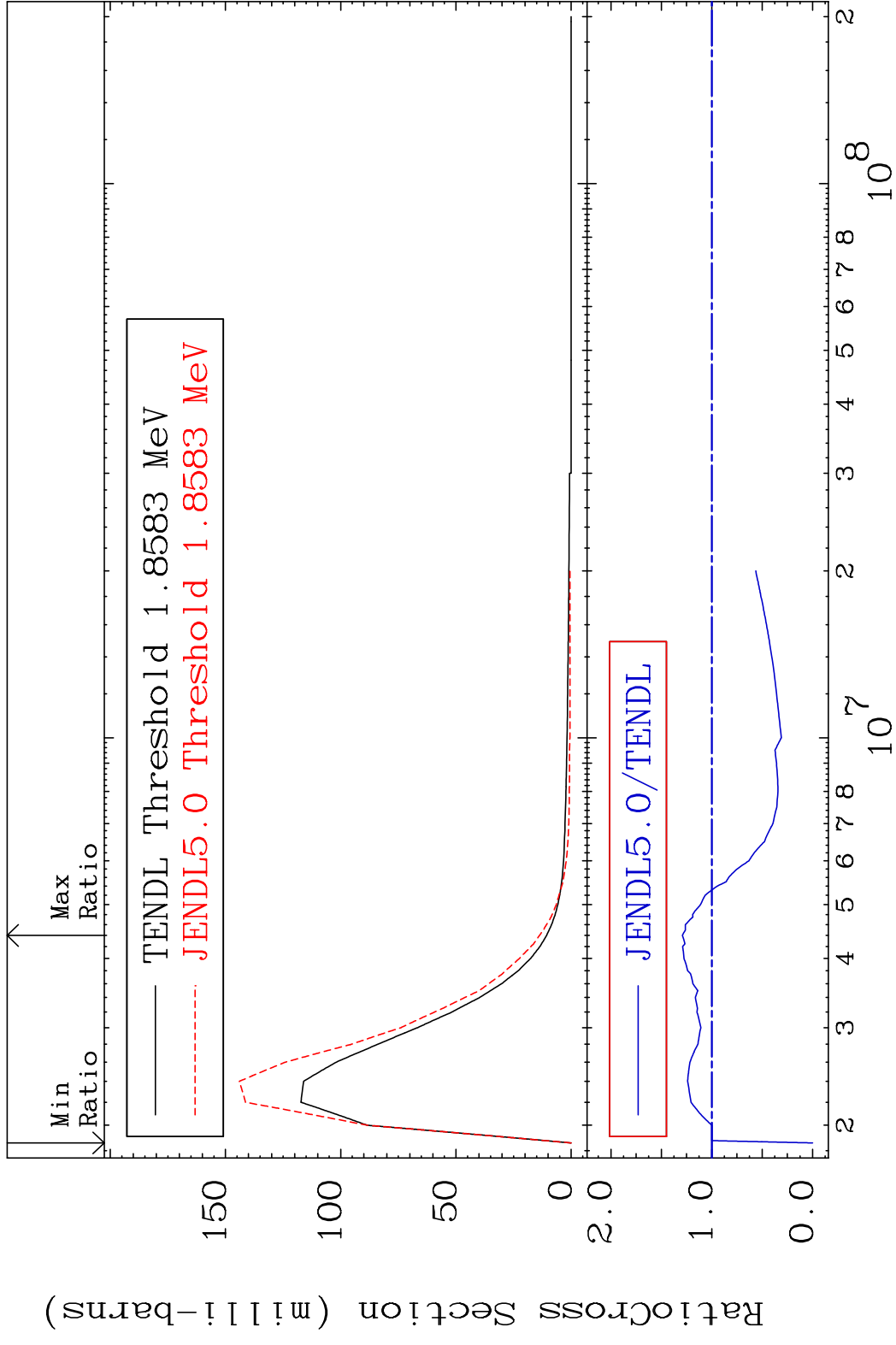




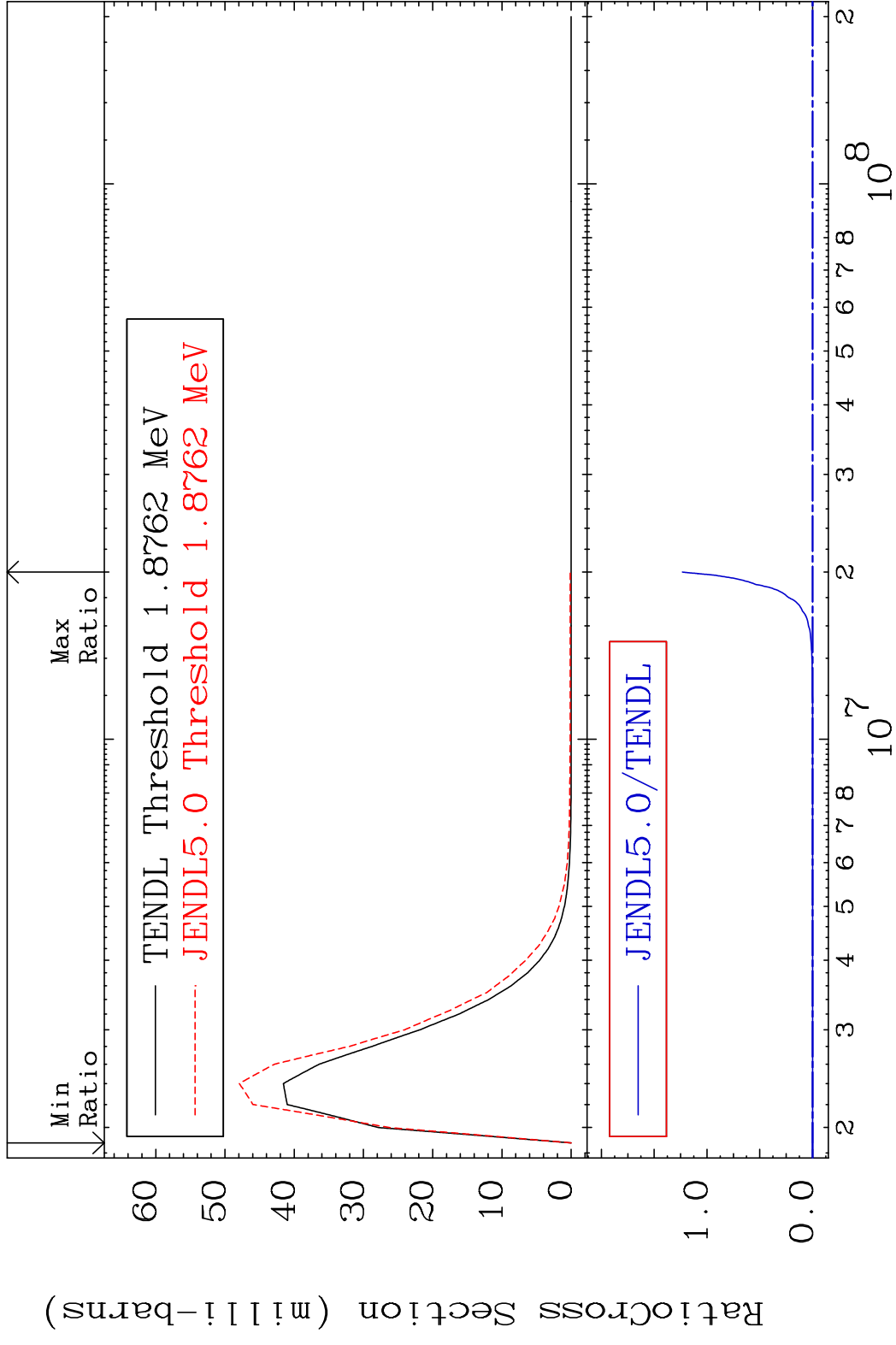
MAT 4849 MT= 58 (n,n') Level 48-Cd-114  
 Cross Section -68.97 To 78.54 %



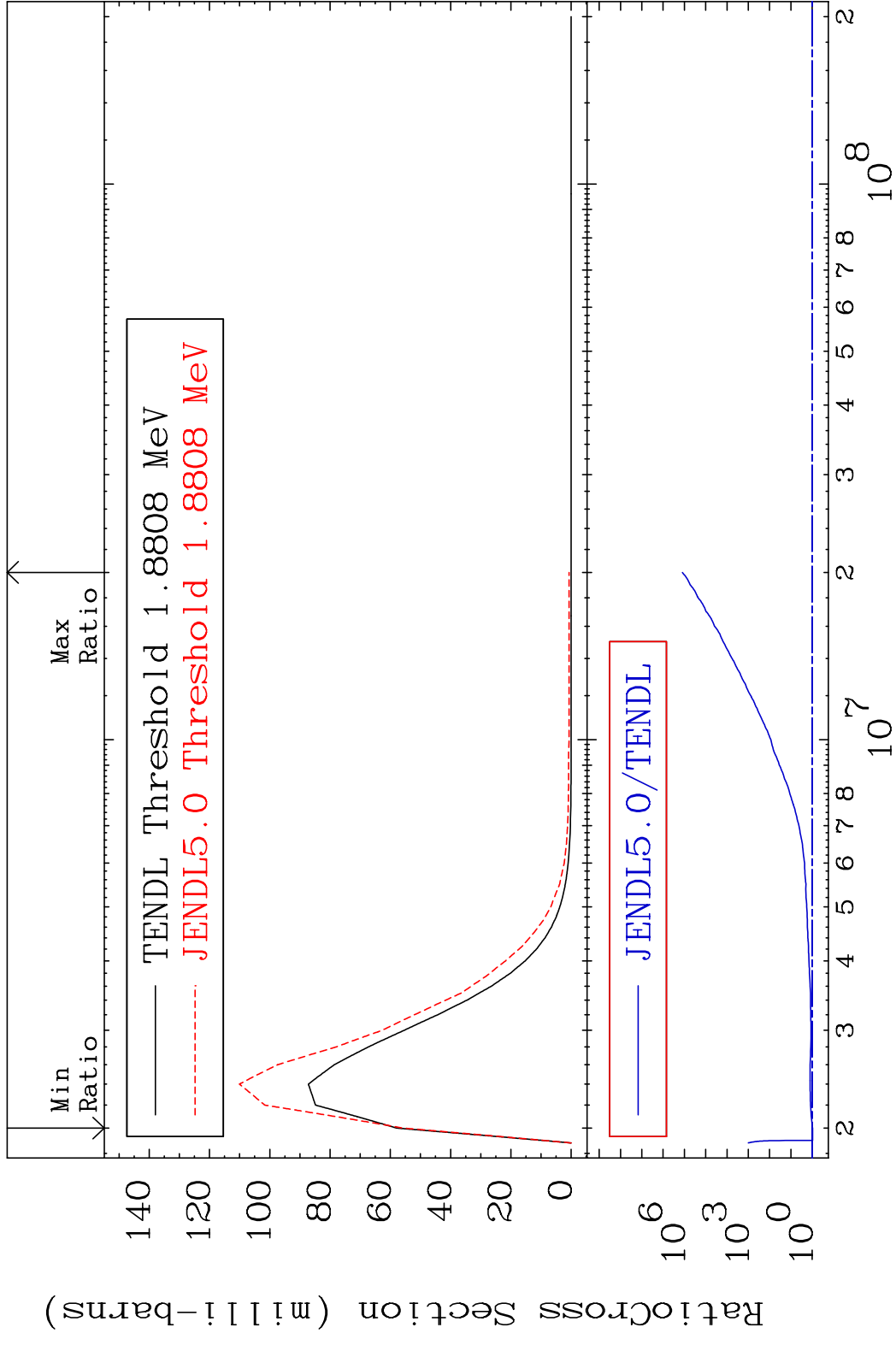
MAT 4849 MT= 59 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 29.15 %



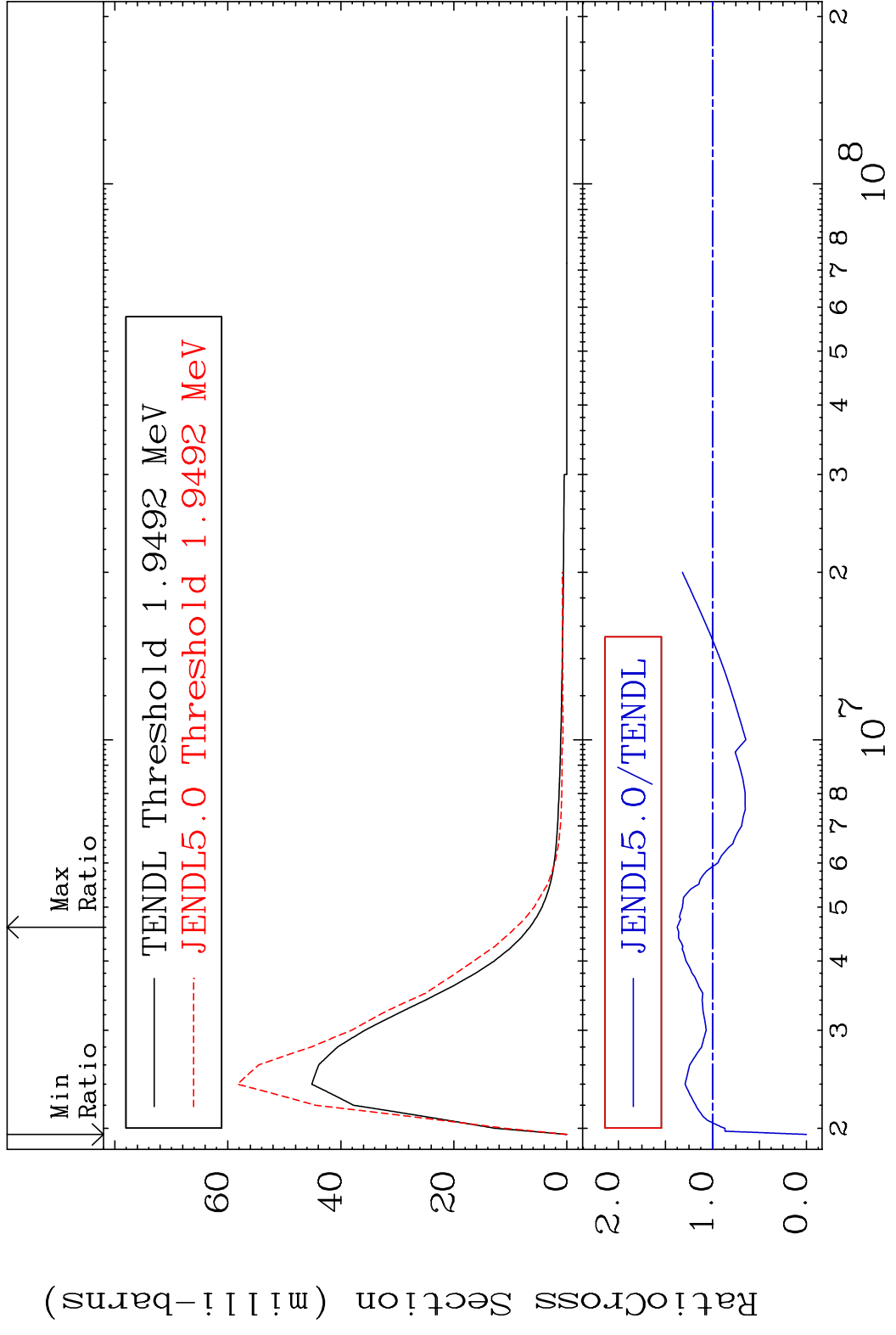
MAT 4849 MT= 60 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 61 (n, n') Level 48-Cd-114  
 Cross Section -3.816 To 9999. %

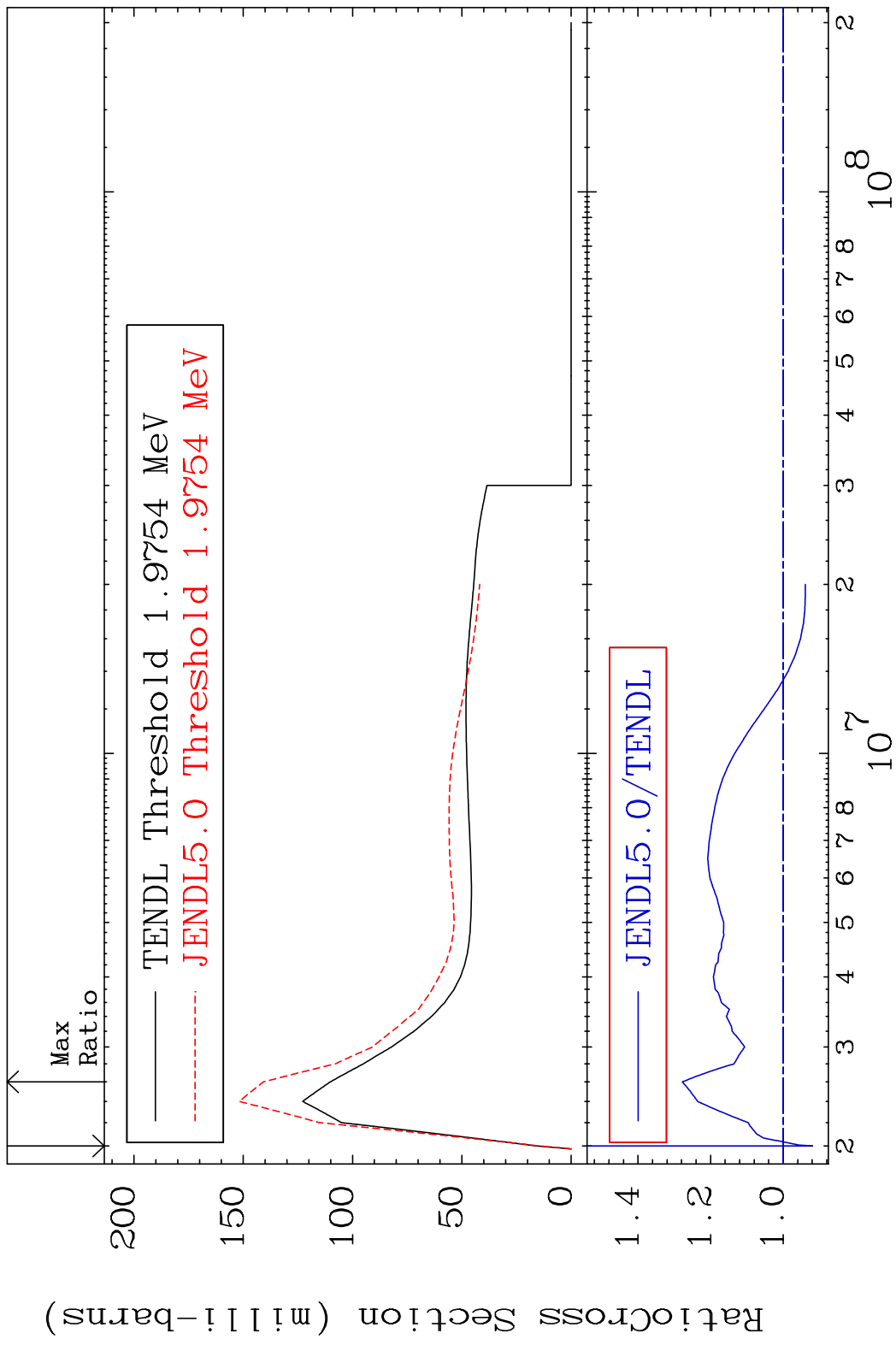


MAT 4849 MT= 62 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 37.50 %

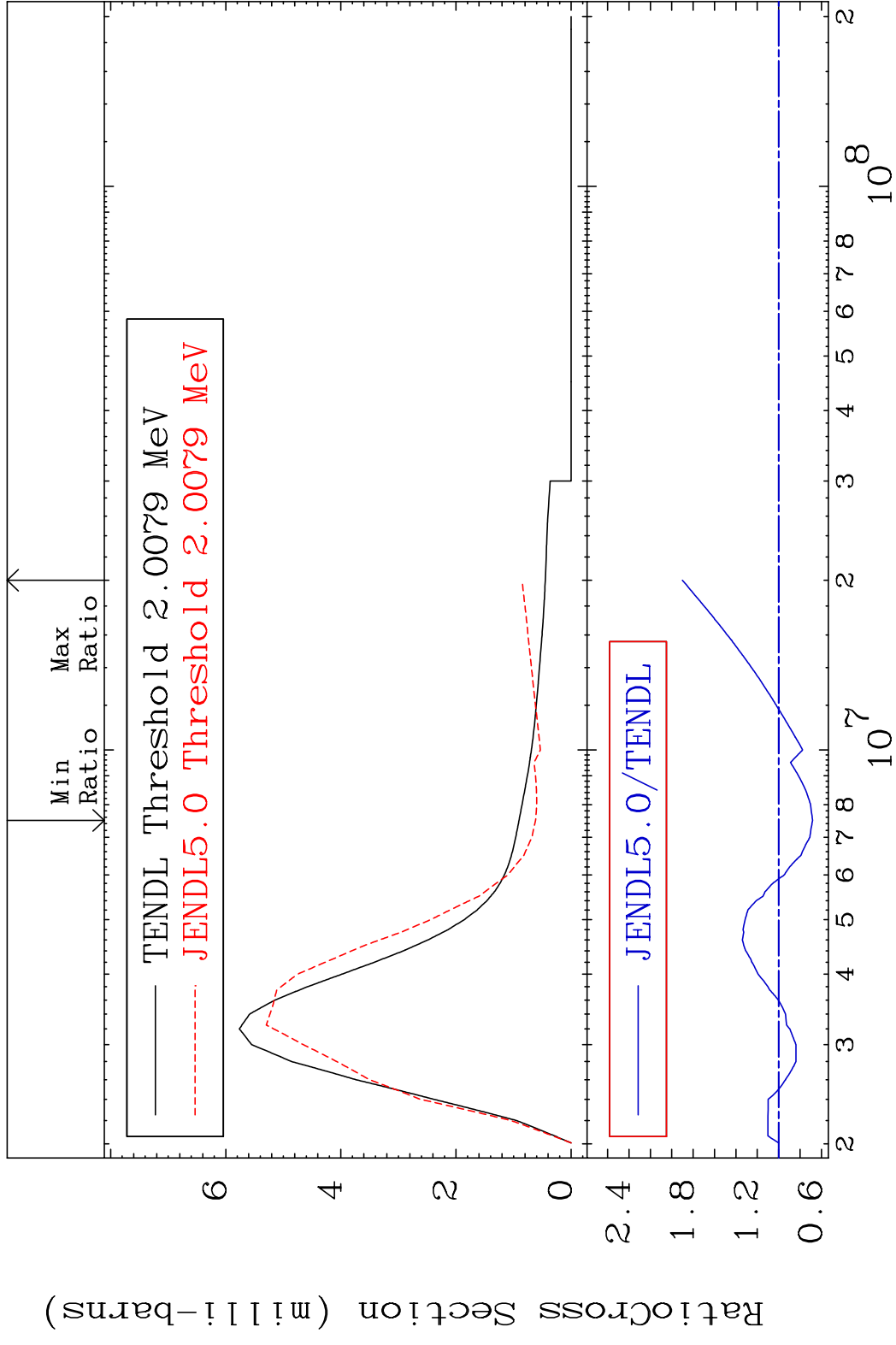


20 48-Cd-114

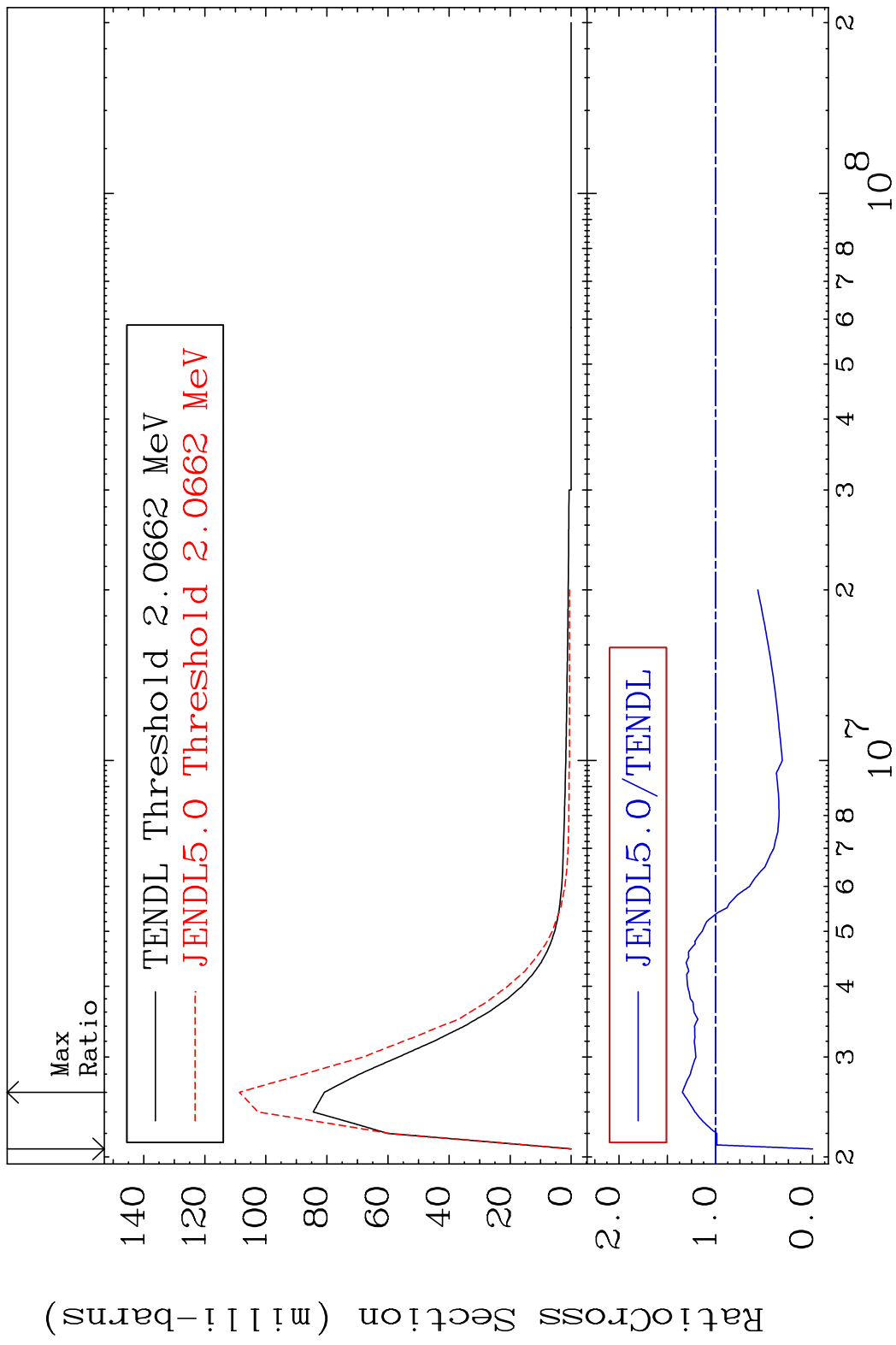
MAT 4849 MT= 63 (n, n') Level 48-Cd-114  
 Cross Section -8.096 To 27.77 %



MAT 4849 MT= 64 (n, n') Level 48-Cd-114  
 Cross Section -31.68 To 90.11 %

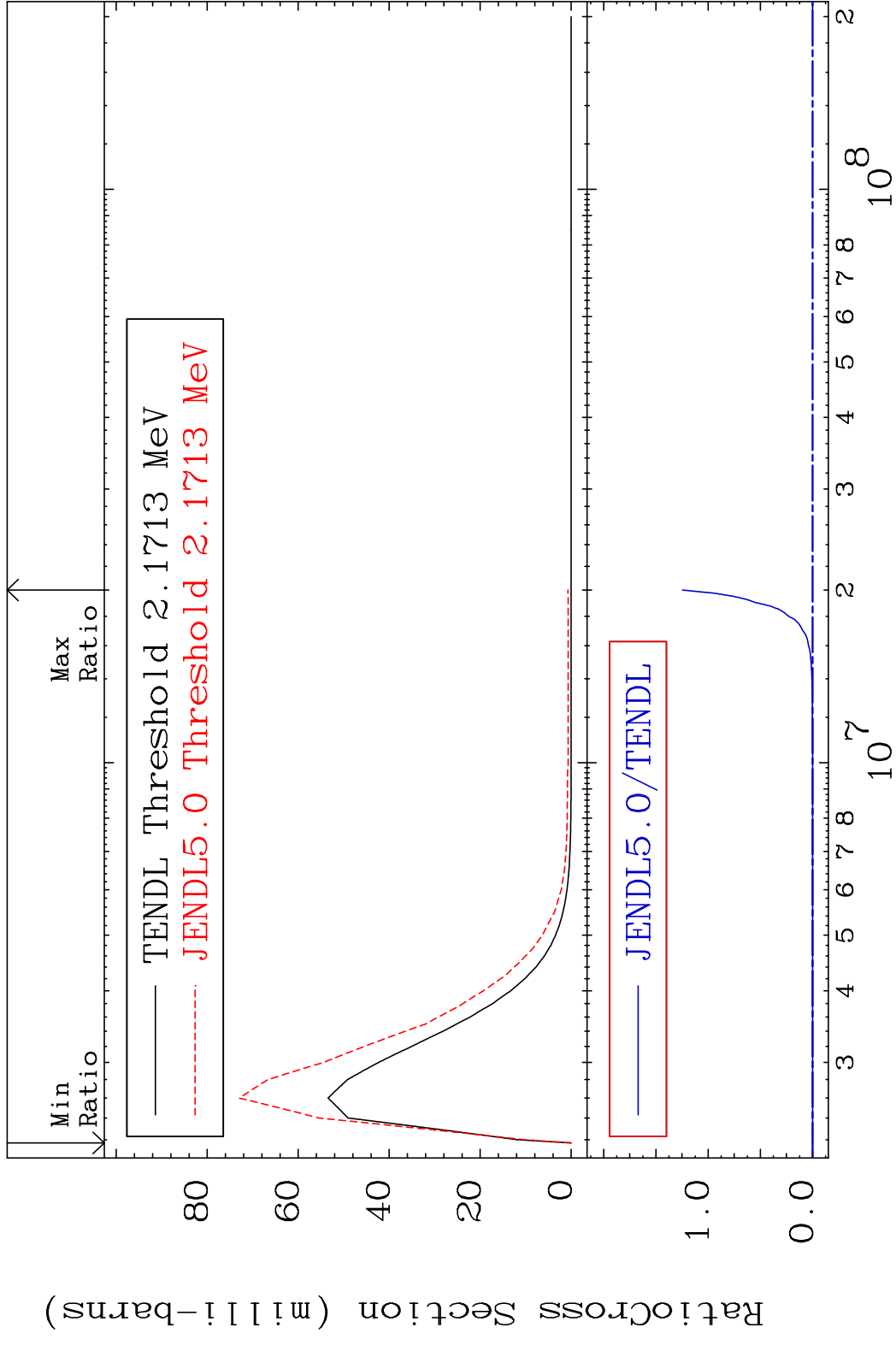


MAT 4849 MT= 65 (n,n') Level 48-Cd-114  
 Cross Section -100.0 To 34.49 %

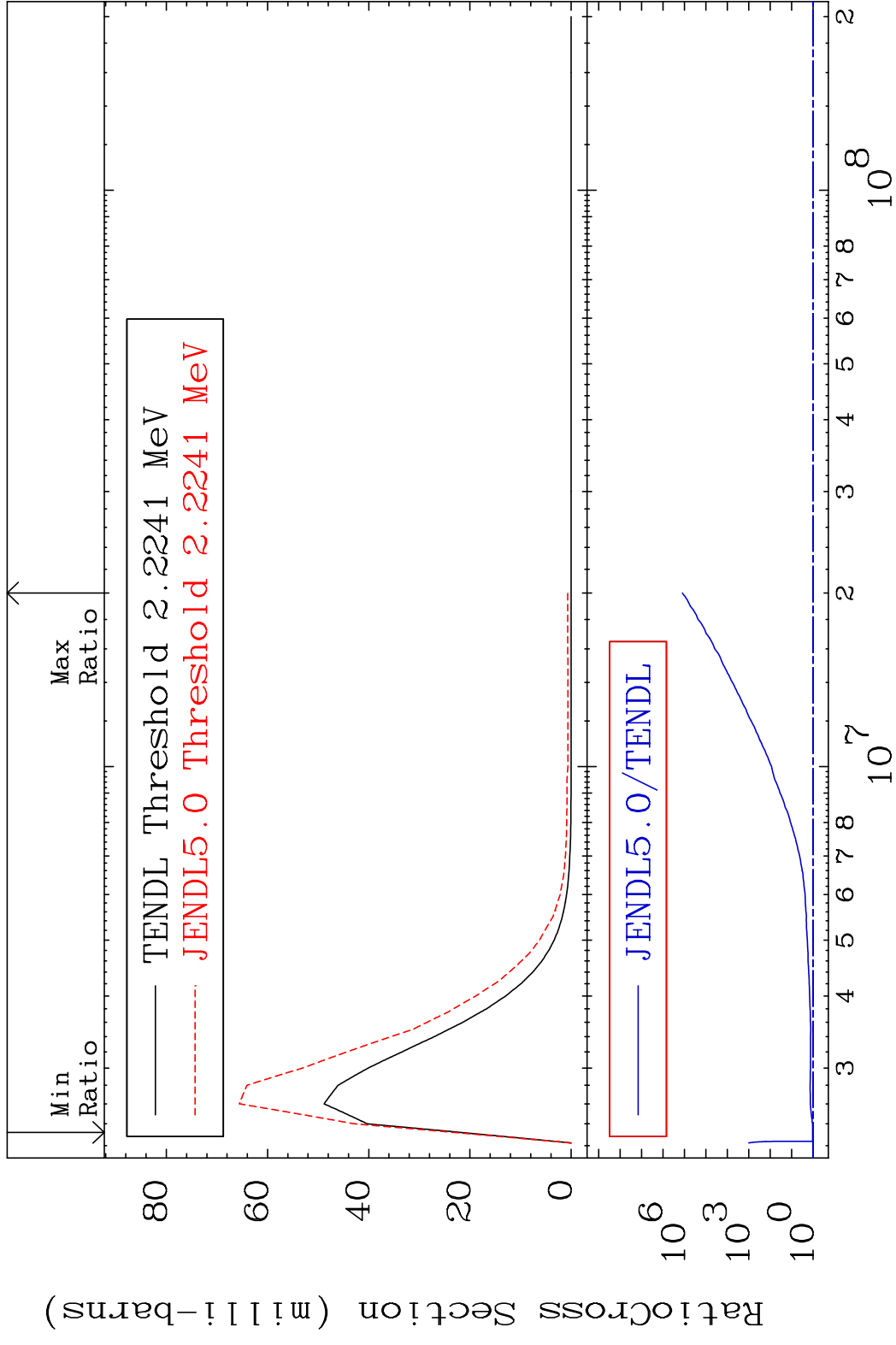




MAT 4849 MT= 66 (n, n') Level 48-Cd-114  
 Cross Section -100.0 To 9999. %



MAT 4849 MT= 67 (n, n') Level 48-Cd-114  
 Cross Section 6.272 To 9999. %

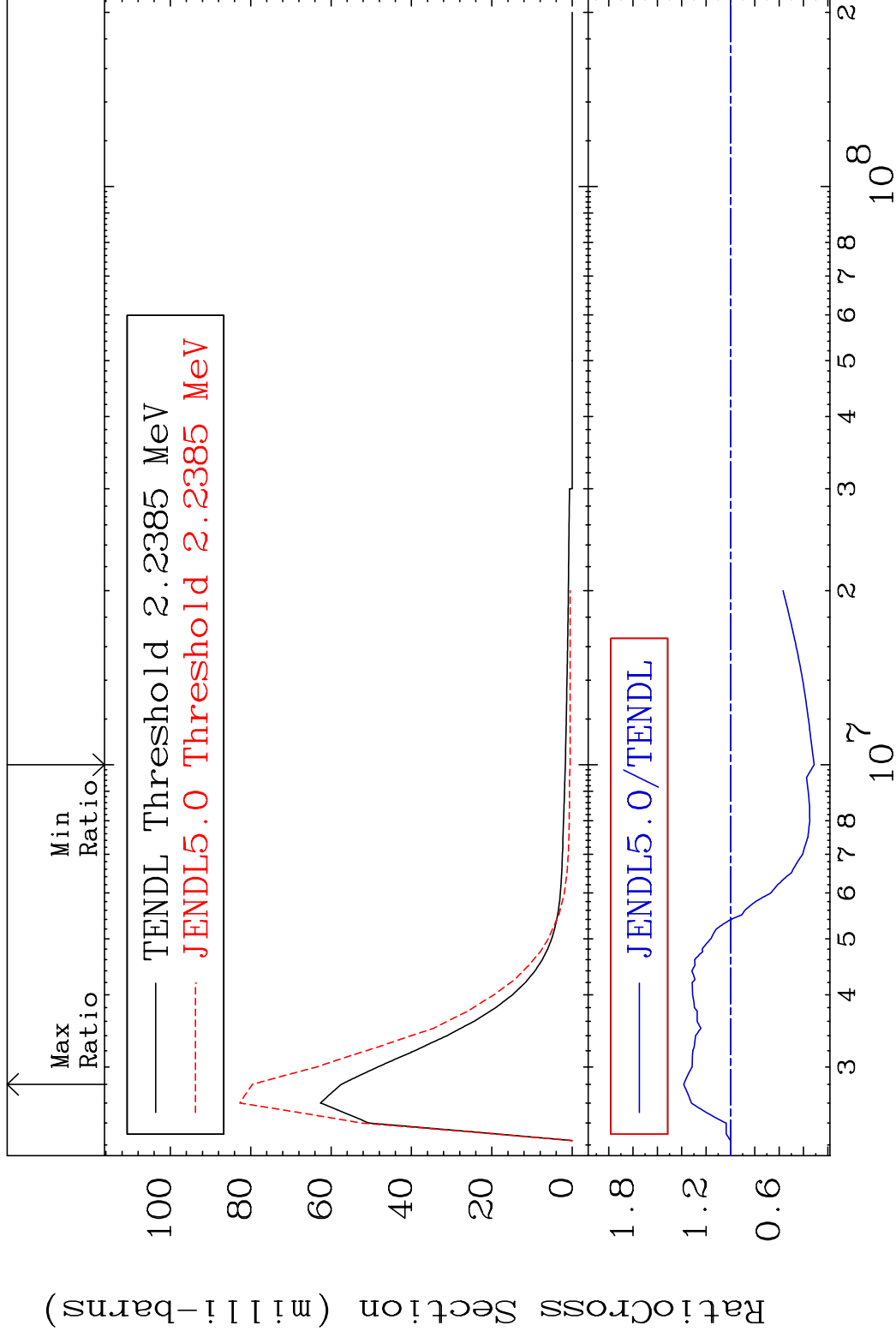


MAT 4849

MT= 68 (n,n')

Level 48-Cd-114

Cross Section -68.72 To 38.41 %

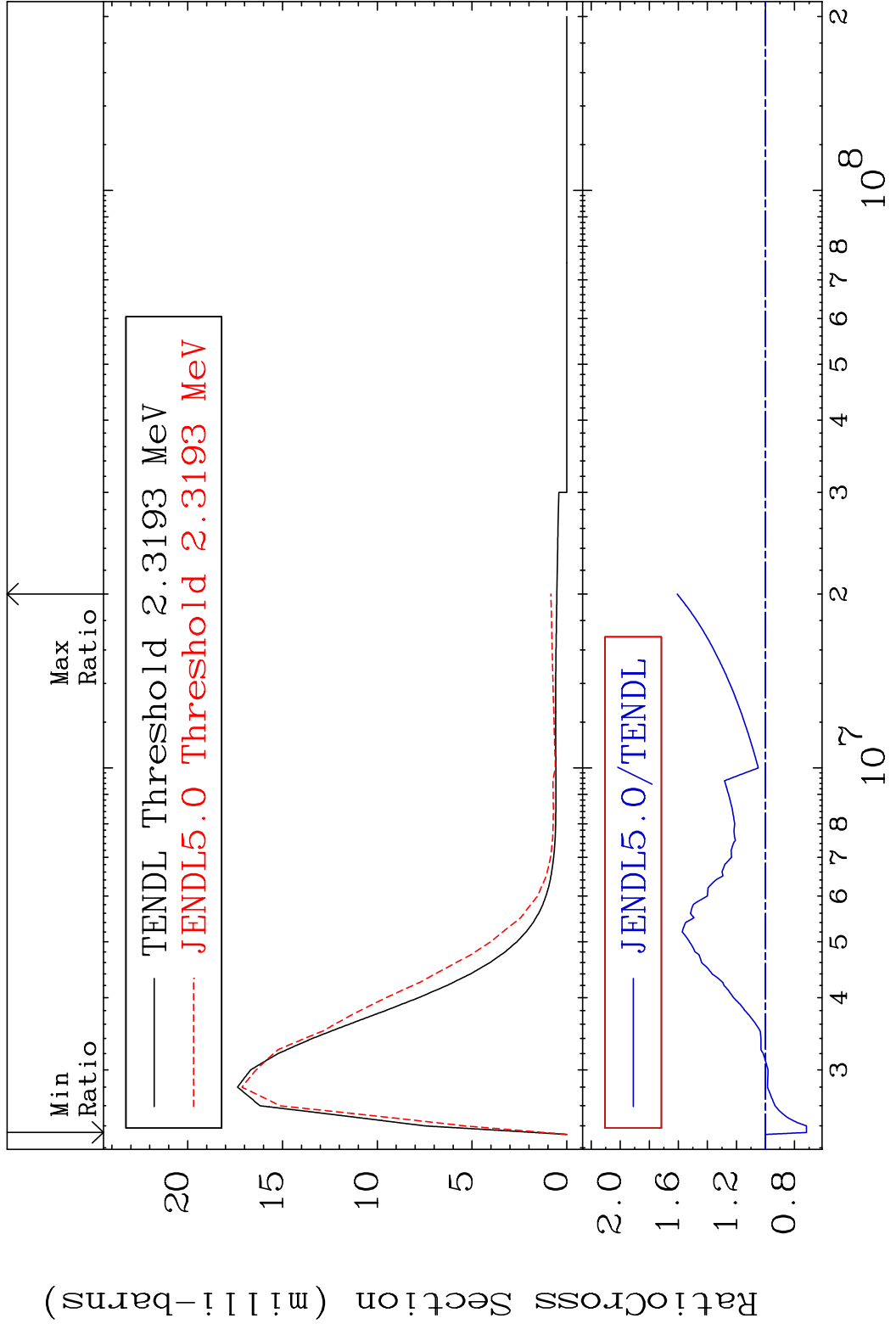


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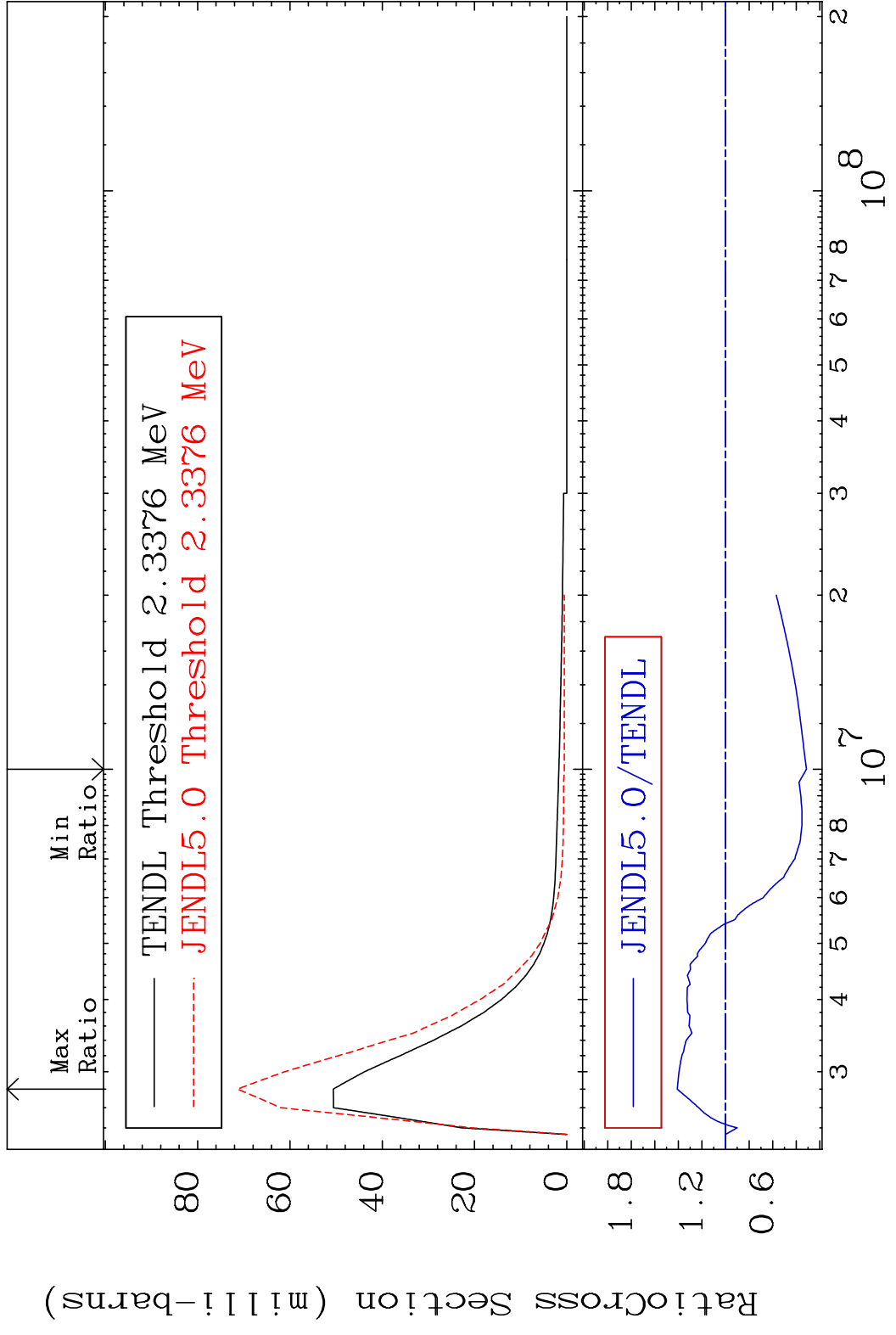
Incident Energy (eV)

48-Cd-114

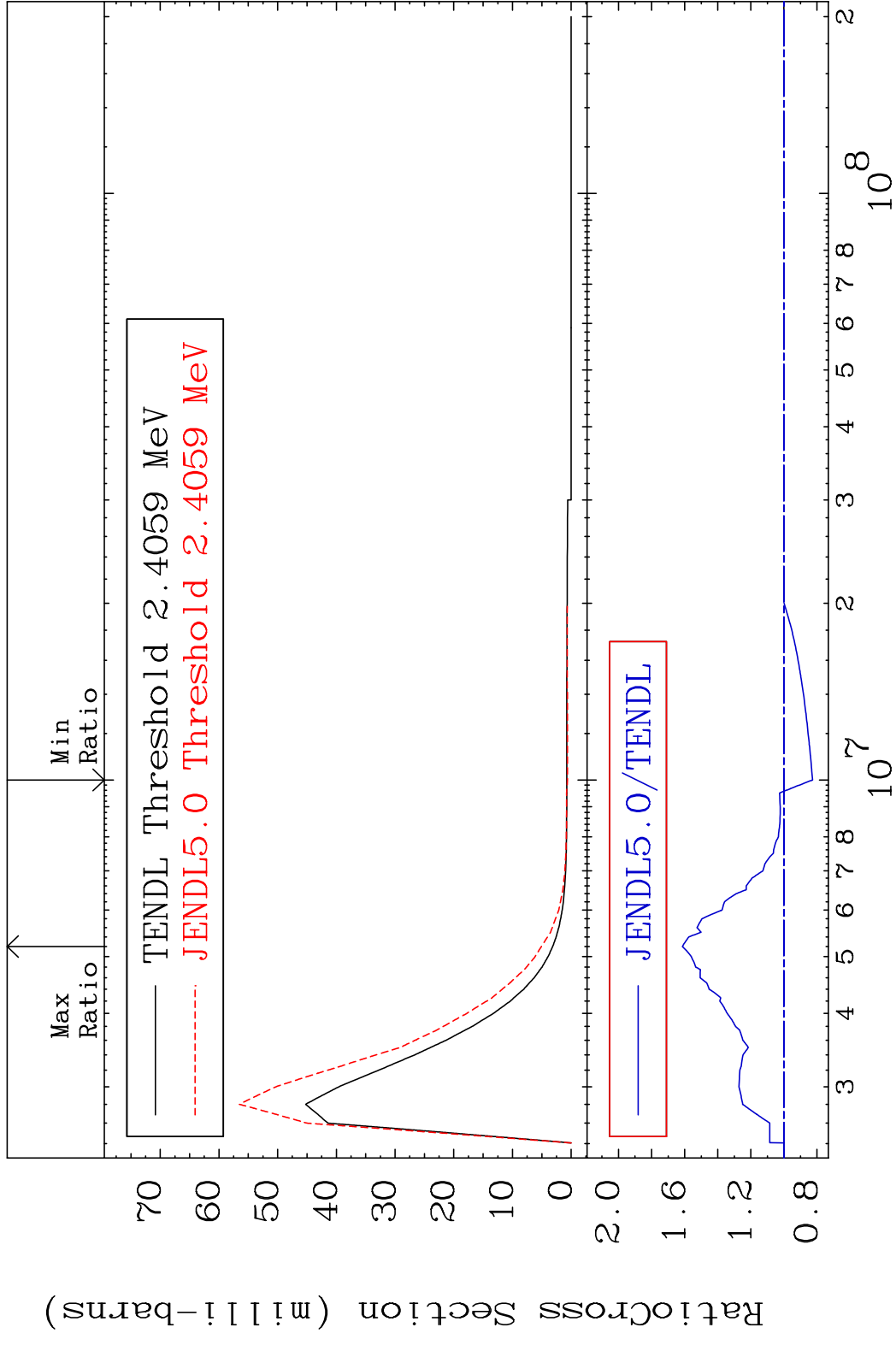
MAT 4849 MT= 69 (n, n') Level 48-Cd-114  
 Cross Section -28.17 To 60.80 %



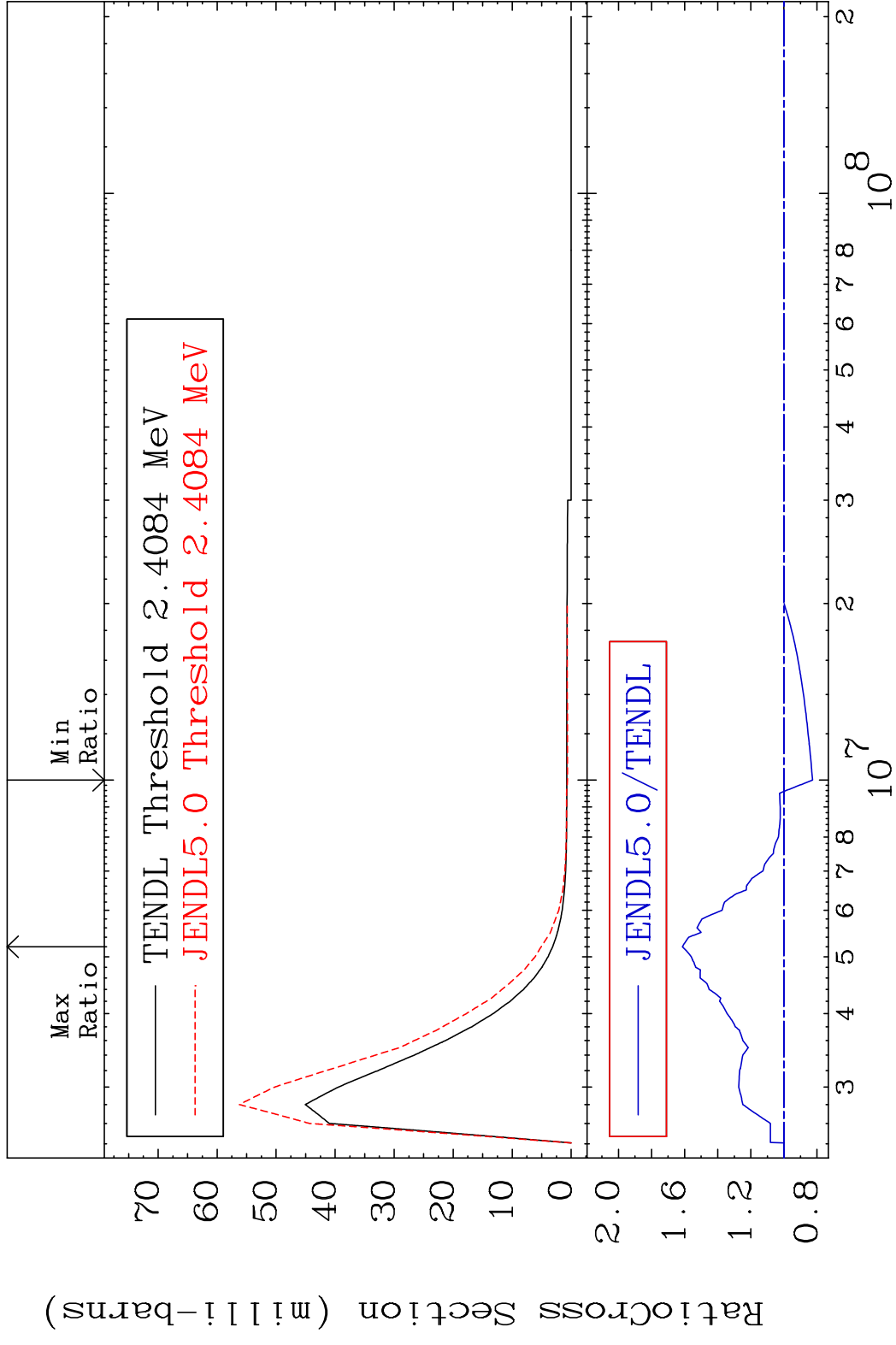
MAT 4849 MT= 70 (n,n') Level 48-Cd-114  
 Cross Section -68.64 To 41.02 %



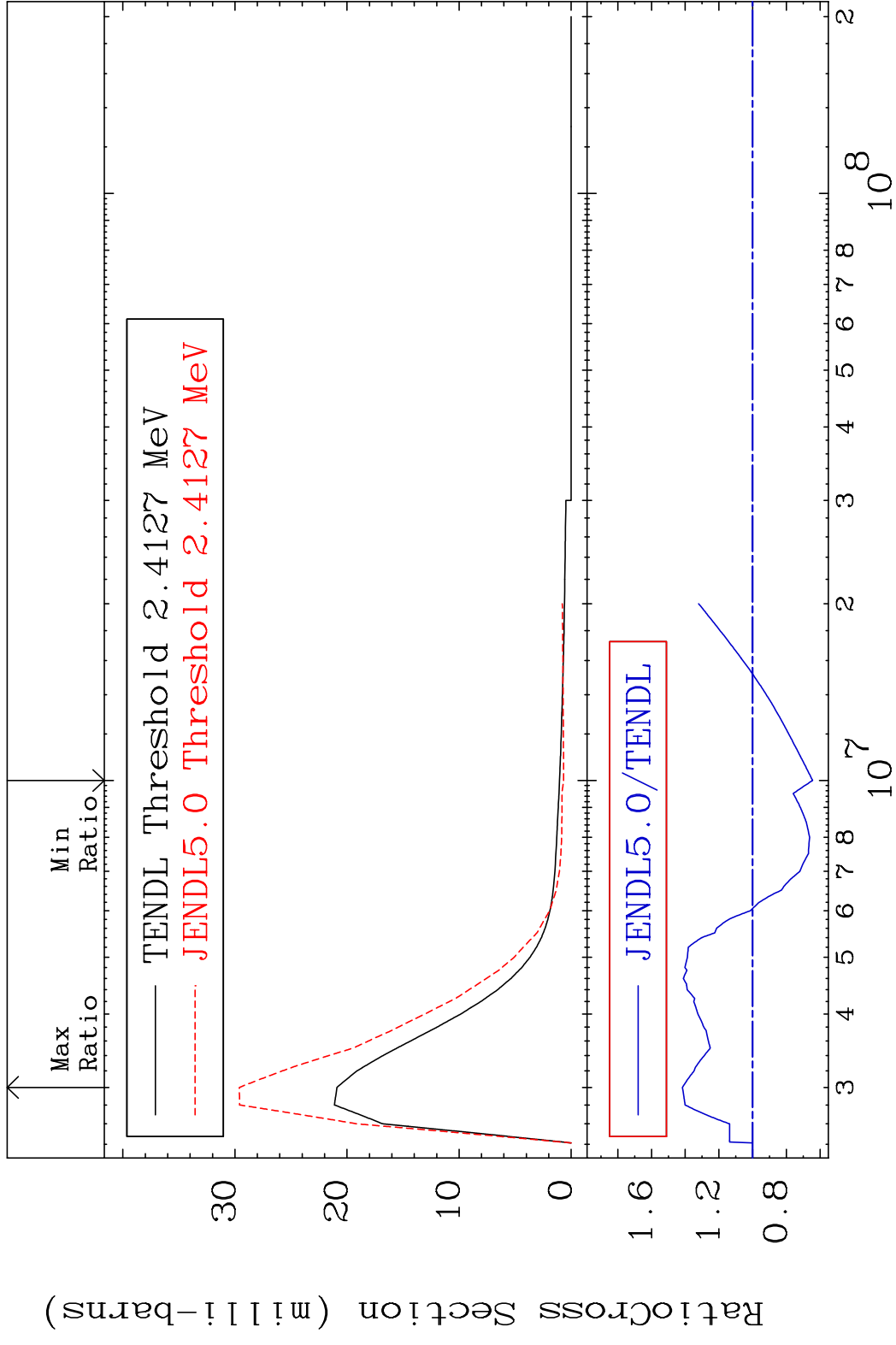
MAT 4849 MT= 71 (n,n') Level 48-Cd-114  
 Cross Section -17.29 To 61.41 %



MAT 4849 MT= 72 (n,n') Level 48-Cd-114  
 Cross Section -17.30 To 61.39 %

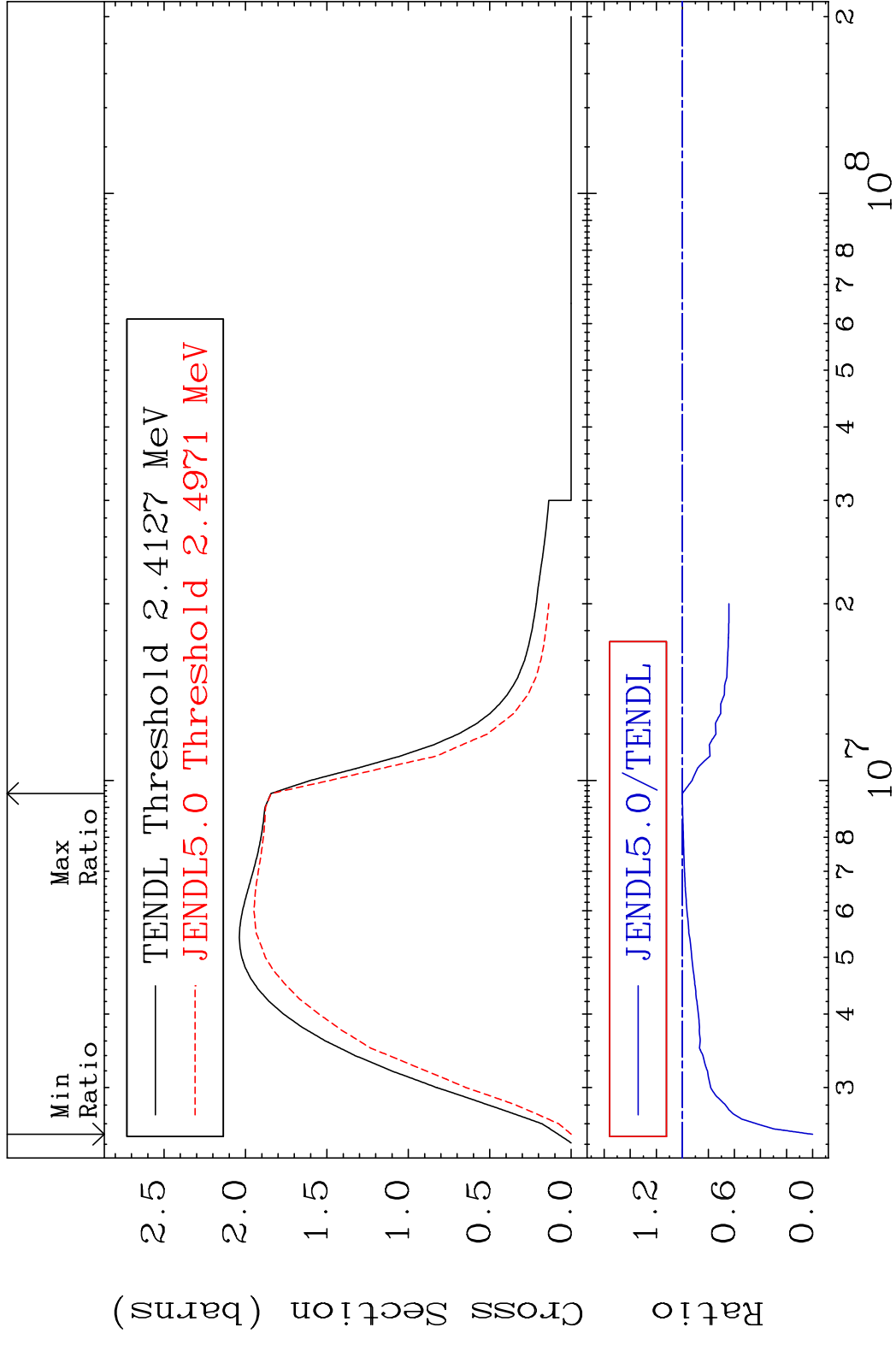


MAT 4849 MT= 73 (n,n') Level 48-Cd-114  
 Cross Section -35.52 To 41.70 %





MAT 4849 (n,n') Continuum 48-Cd-114  
 Cross Section -100.0 To -0.006%

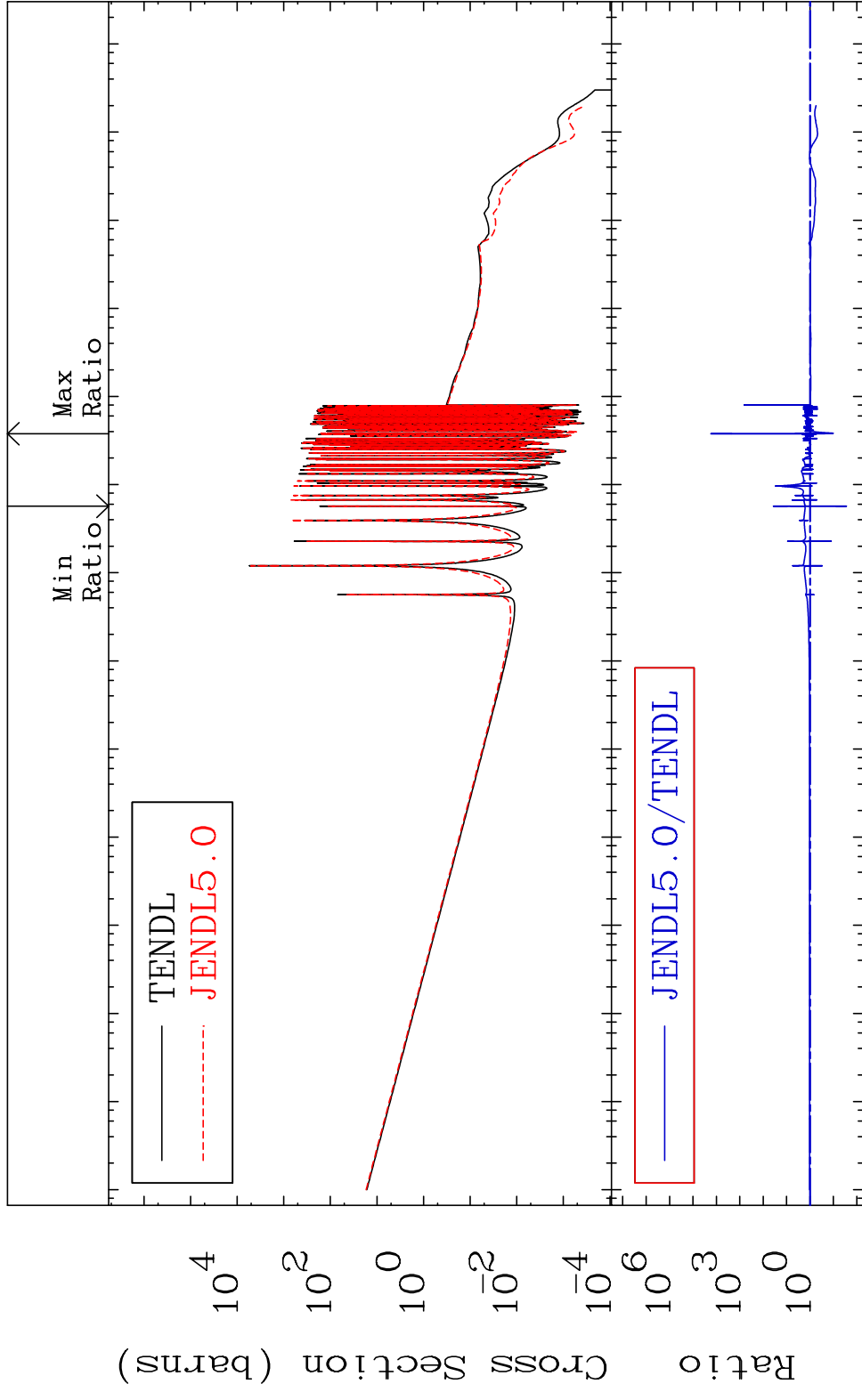


MAT 4849

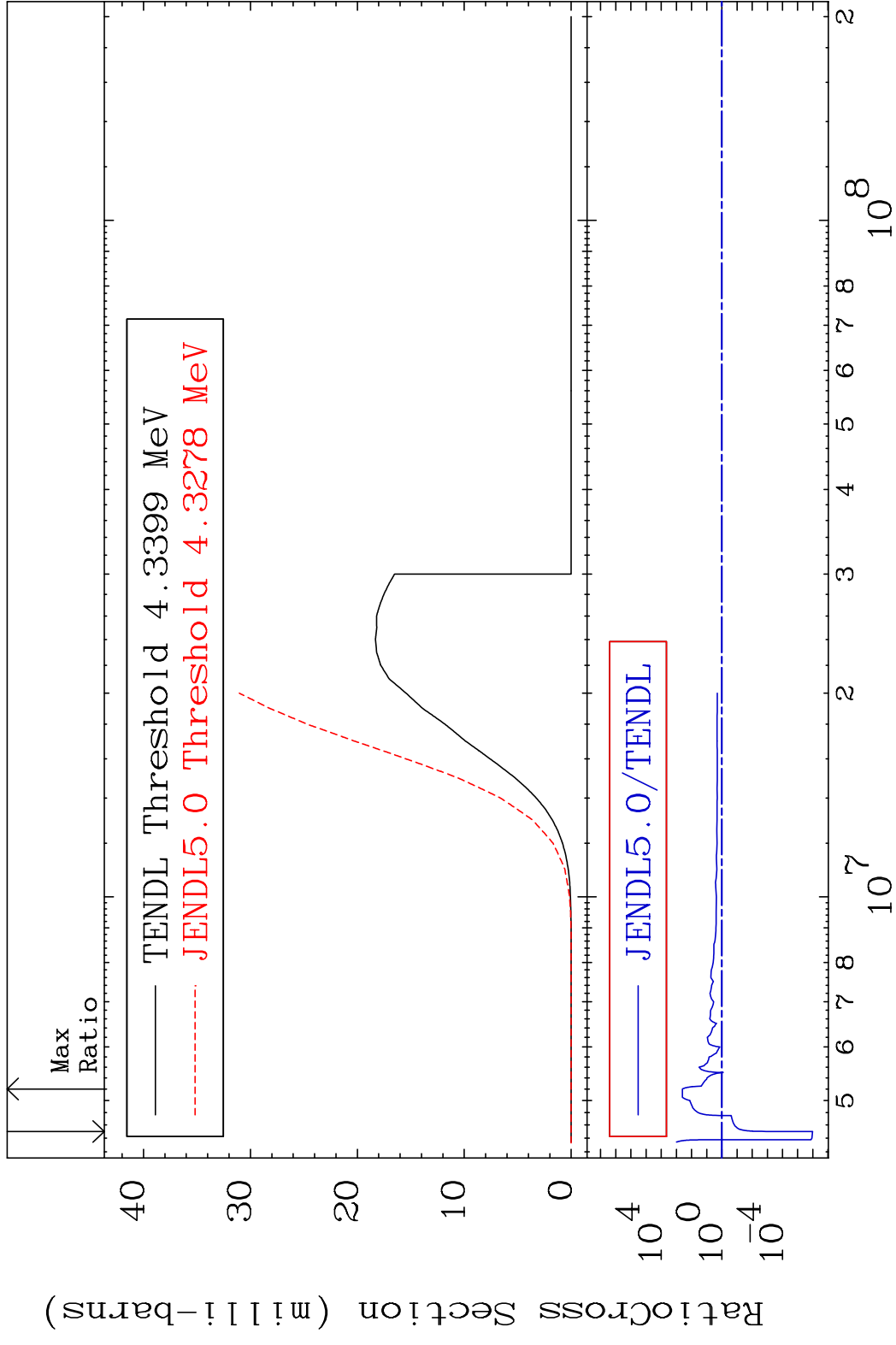
48-Cd-114

(n,  $\gamma$ )

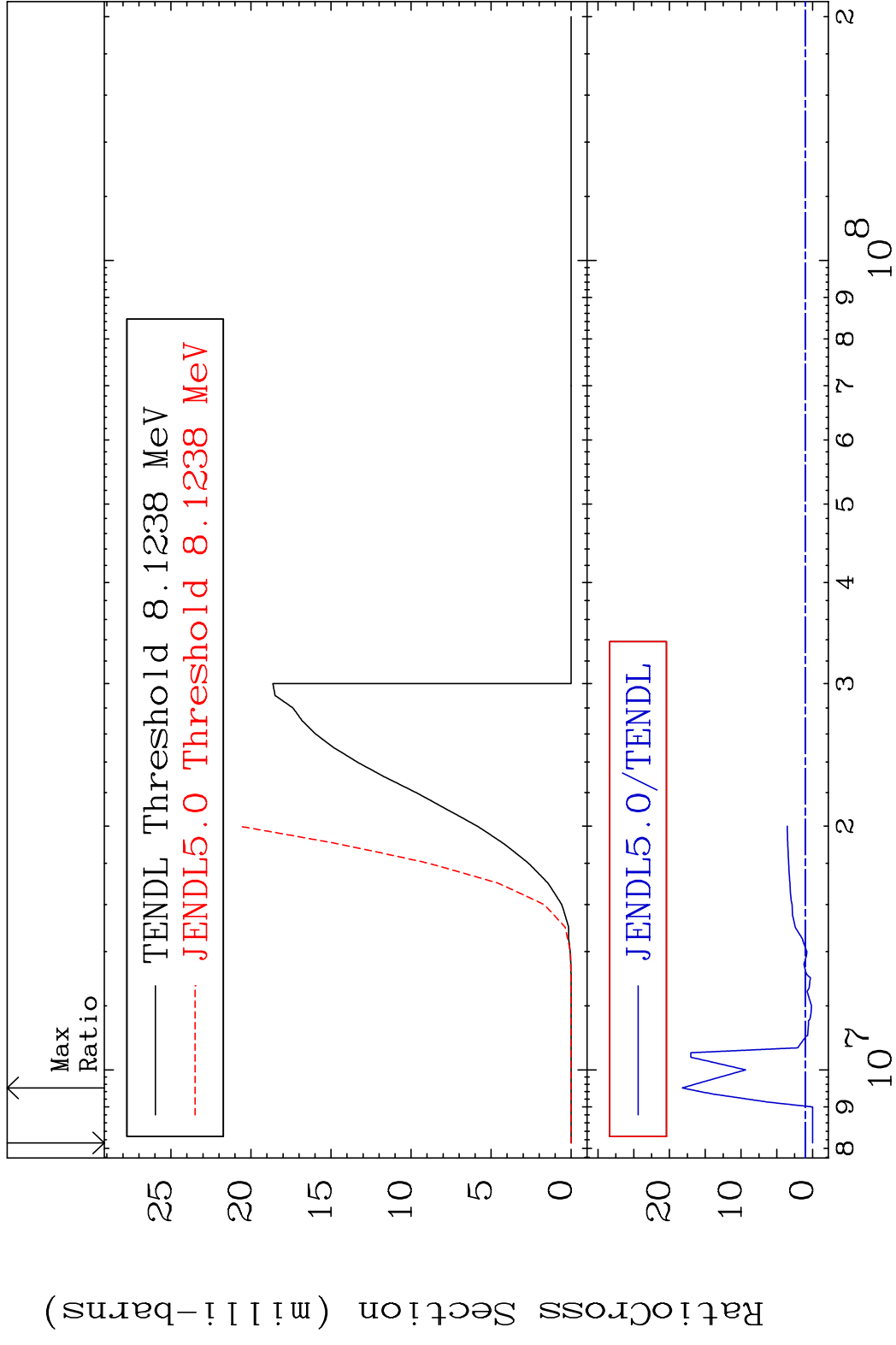
Cross Section -97.19 To 9999. %



MAT 4849 (n,p) 48-Cd-114  
 Cross Section -100.0 To 9999. %



MAT 4849 (n,d) 48-Cd-114  
 Cross Section -100.0 To 1720. %

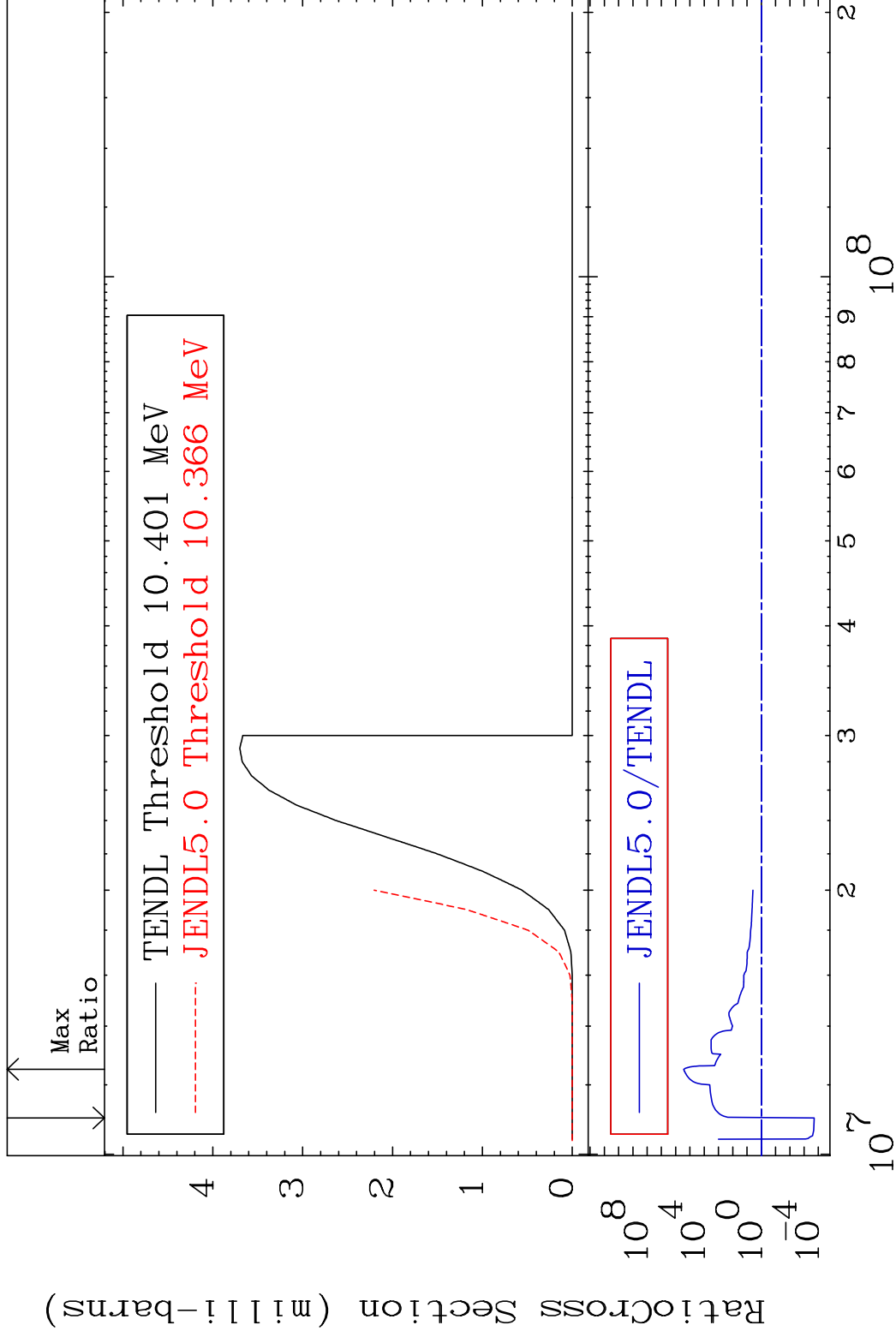


MAT 4849

(n, t)

48-Cd-114

Cross Section -99.98 To 9999. %



36

Incident Energy (eV)

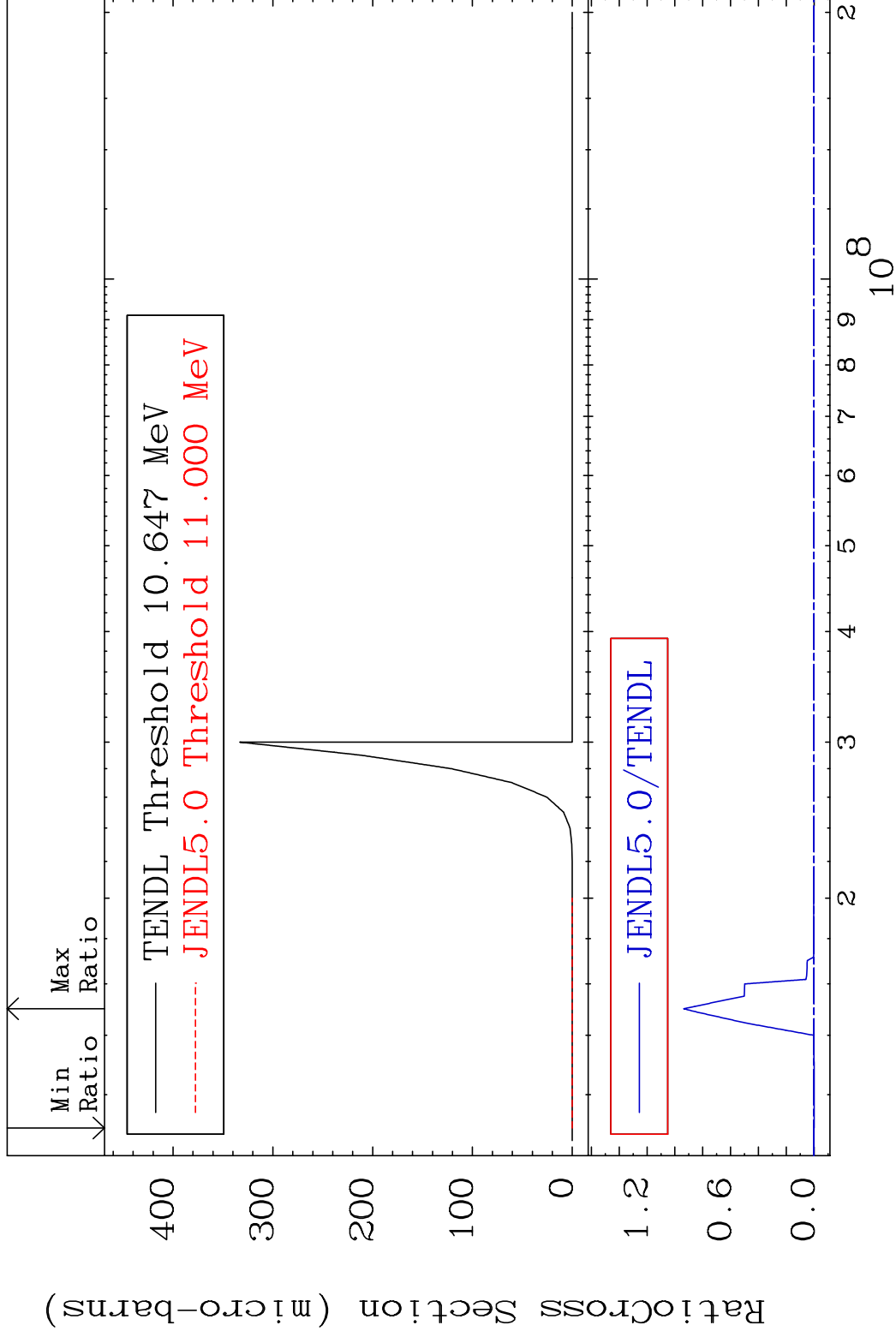
48-Cd-114

MAT 4849

(n, He-3)

48-Cd-114

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

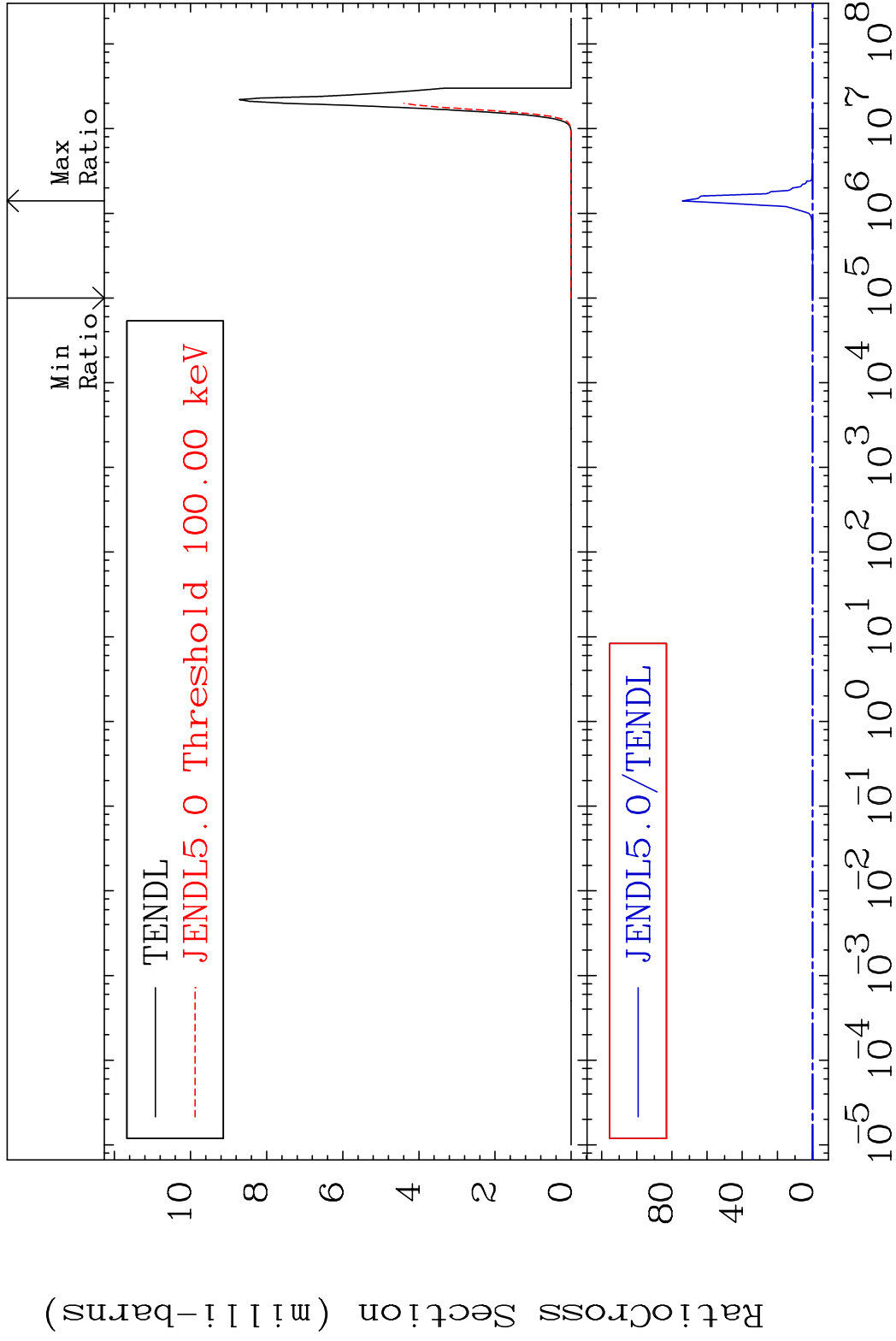
48-Cd-114

MAT 4849

(n,  $\alpha$ )

48-Cd-114

Cross Section -100.0 To 9999. %

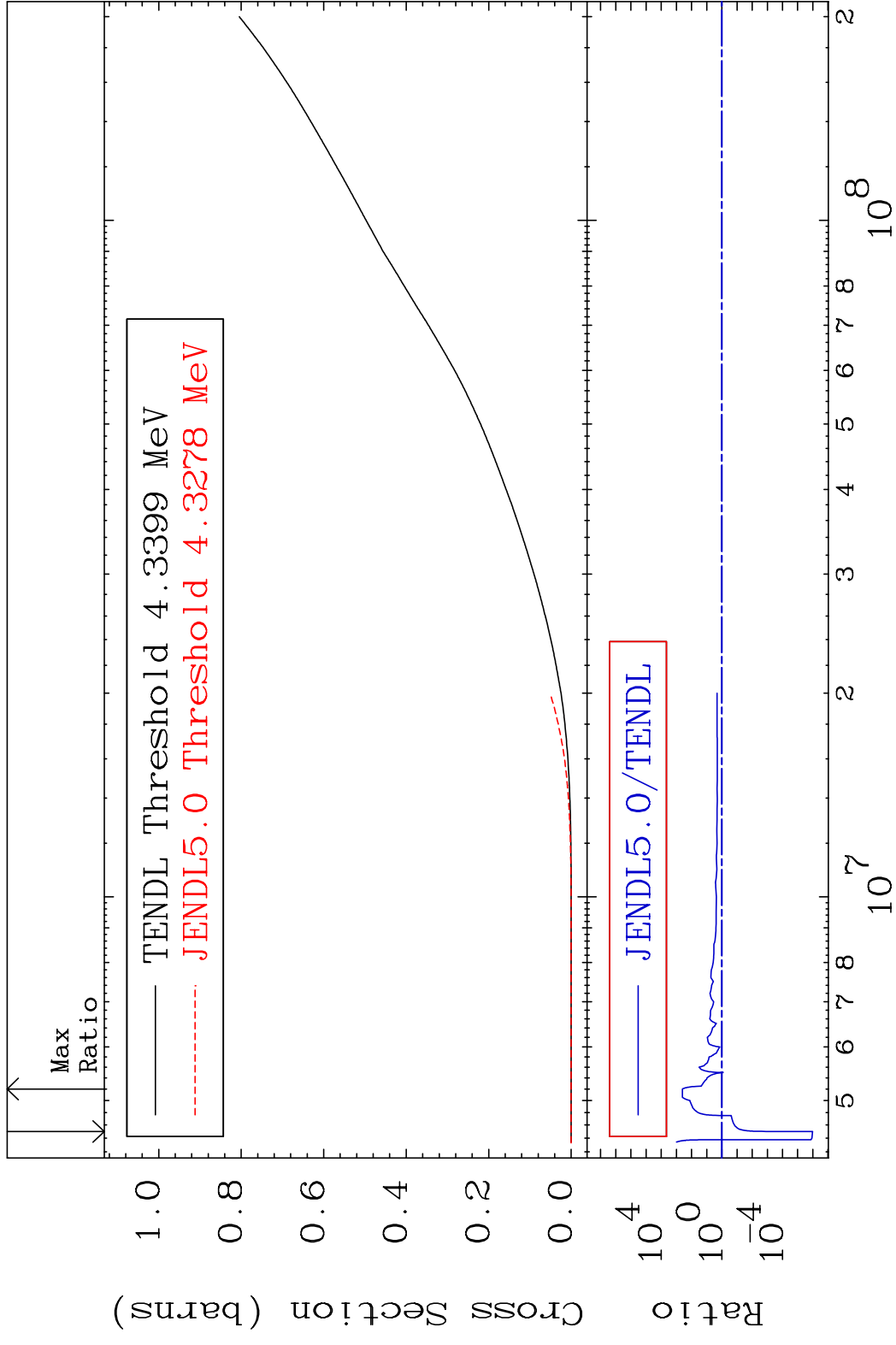


38

Incident Energy (eV)

48-Cd-114

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



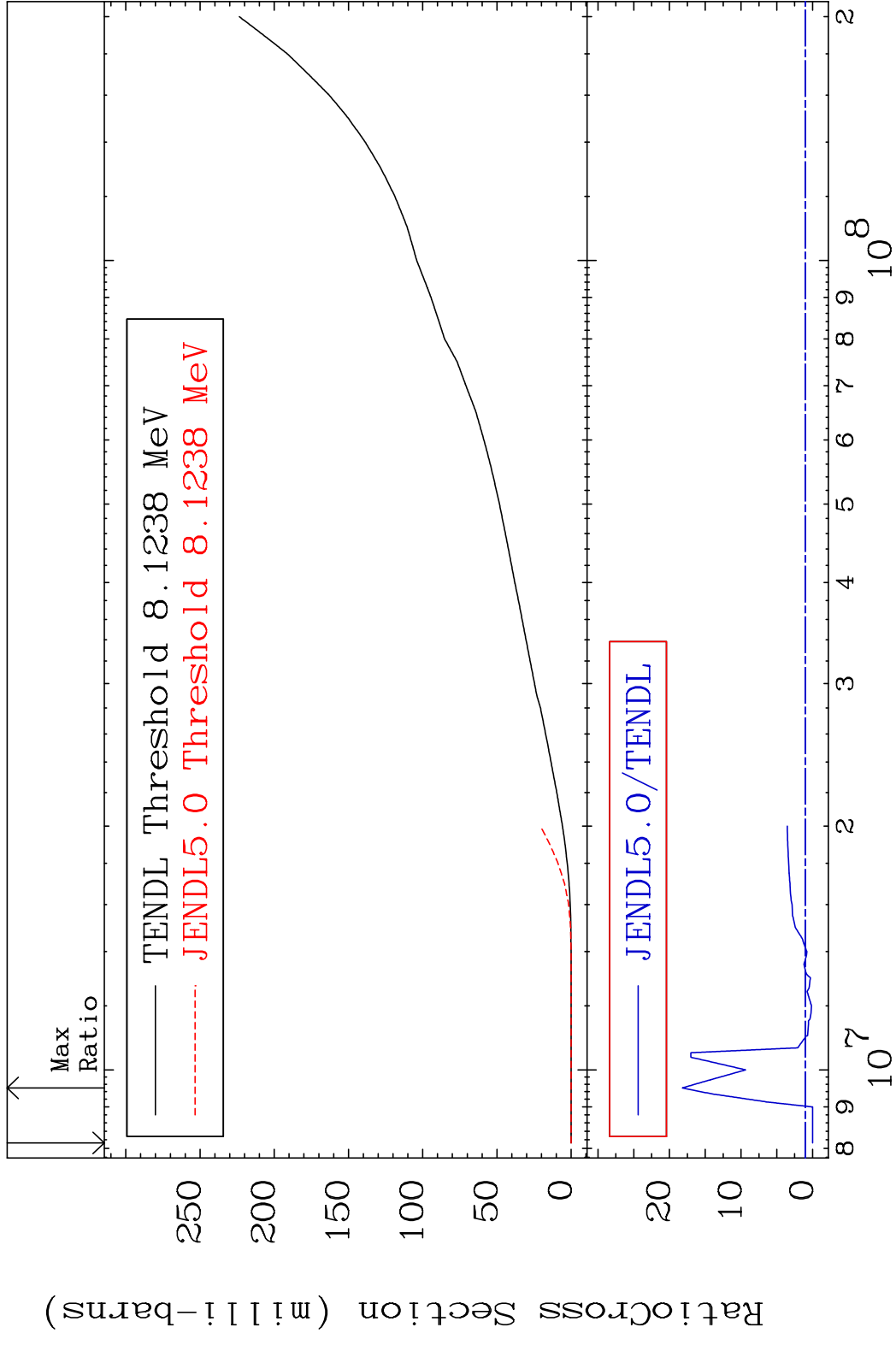


MAT 4849

Deuterium Production

48-Cd-114

Cross Section -100.0 To 1720. %



40

Incident Energy (eV)

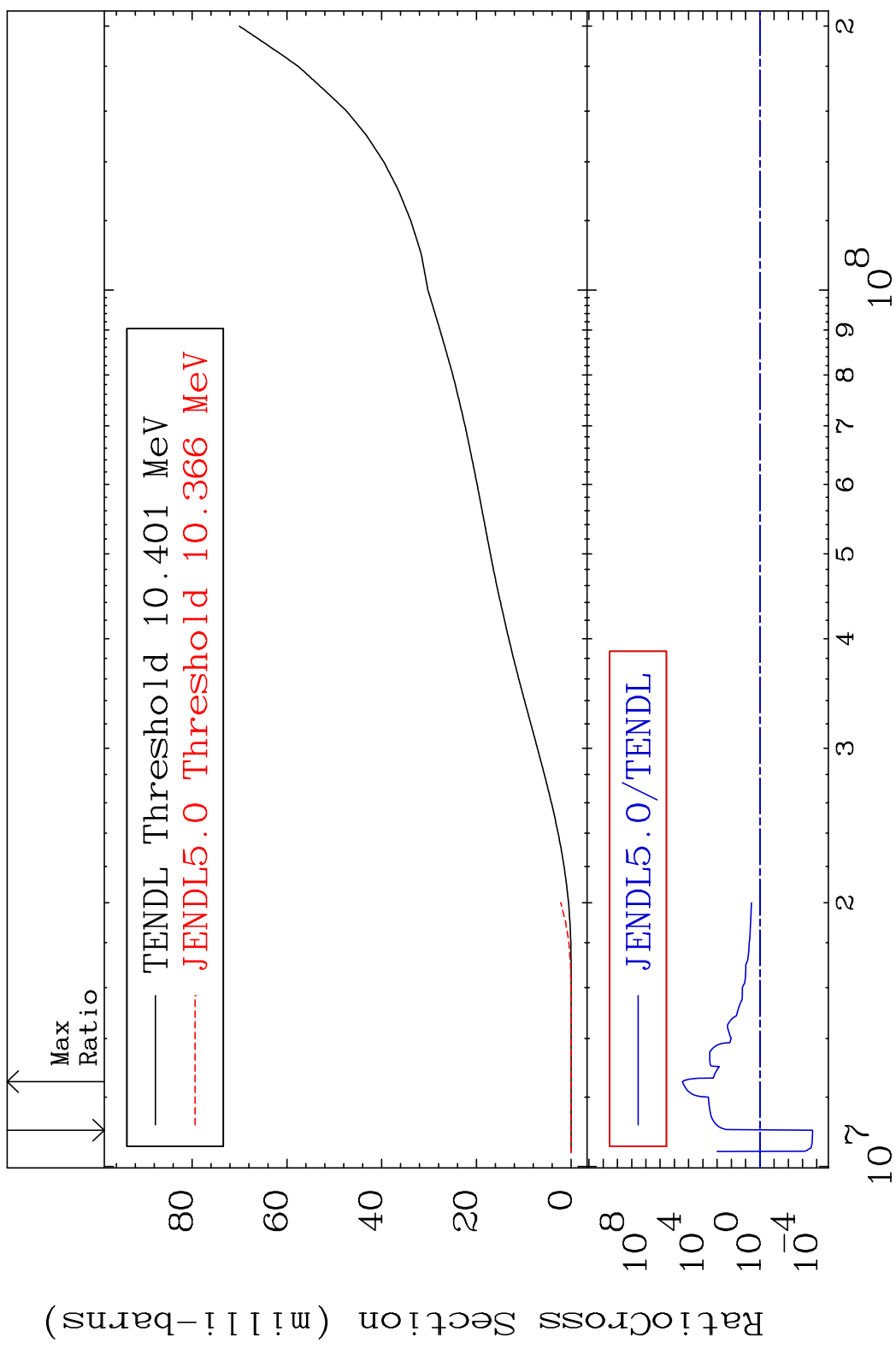
48-Cd-114

MAT 4849

Tritium Production

48-Cd-114

Cross Section -99.98 To 9999. %



41

Incident Energy (eV)

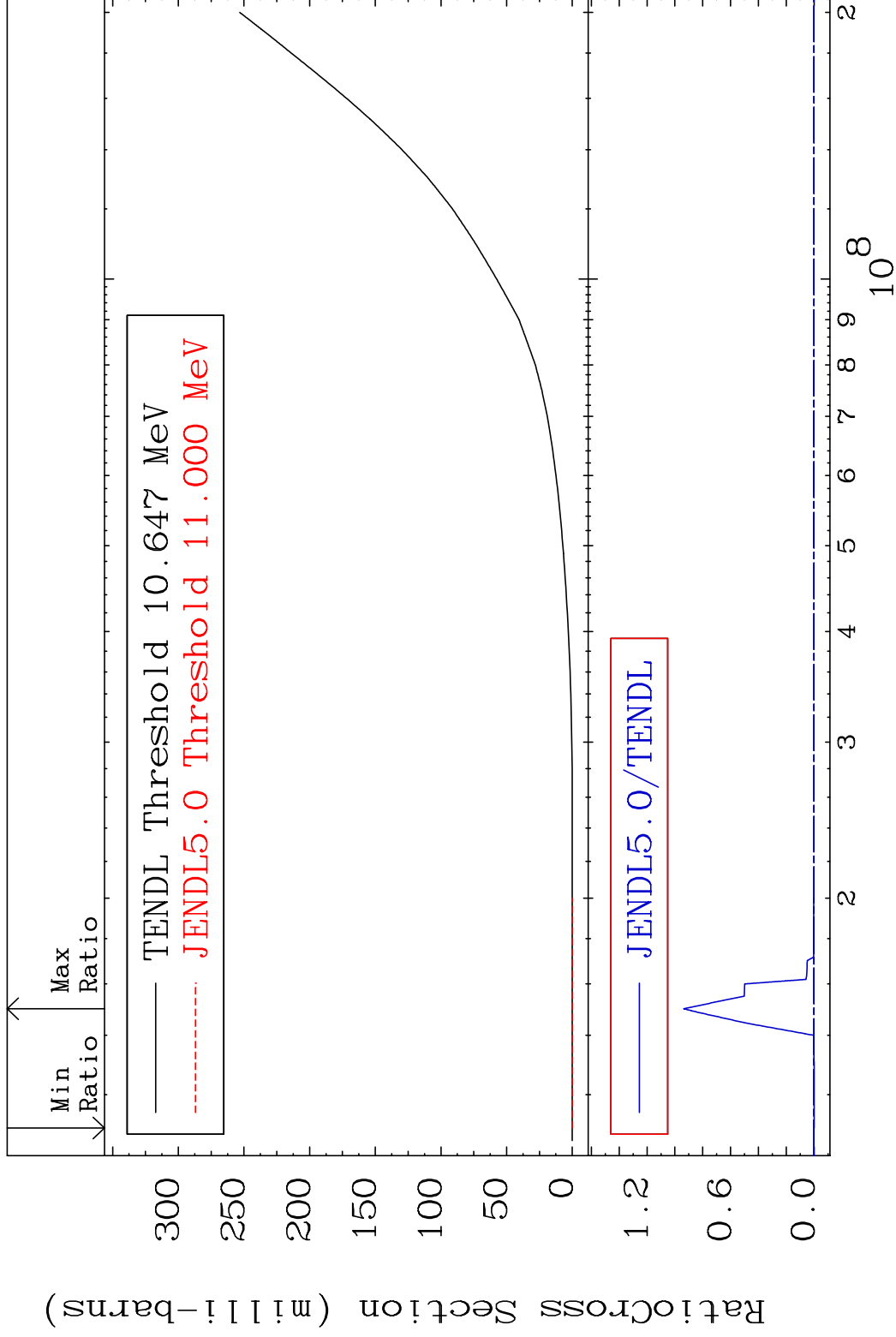
48-Cd-114

MAT 4849

He-3 Production

48-Cd-114

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

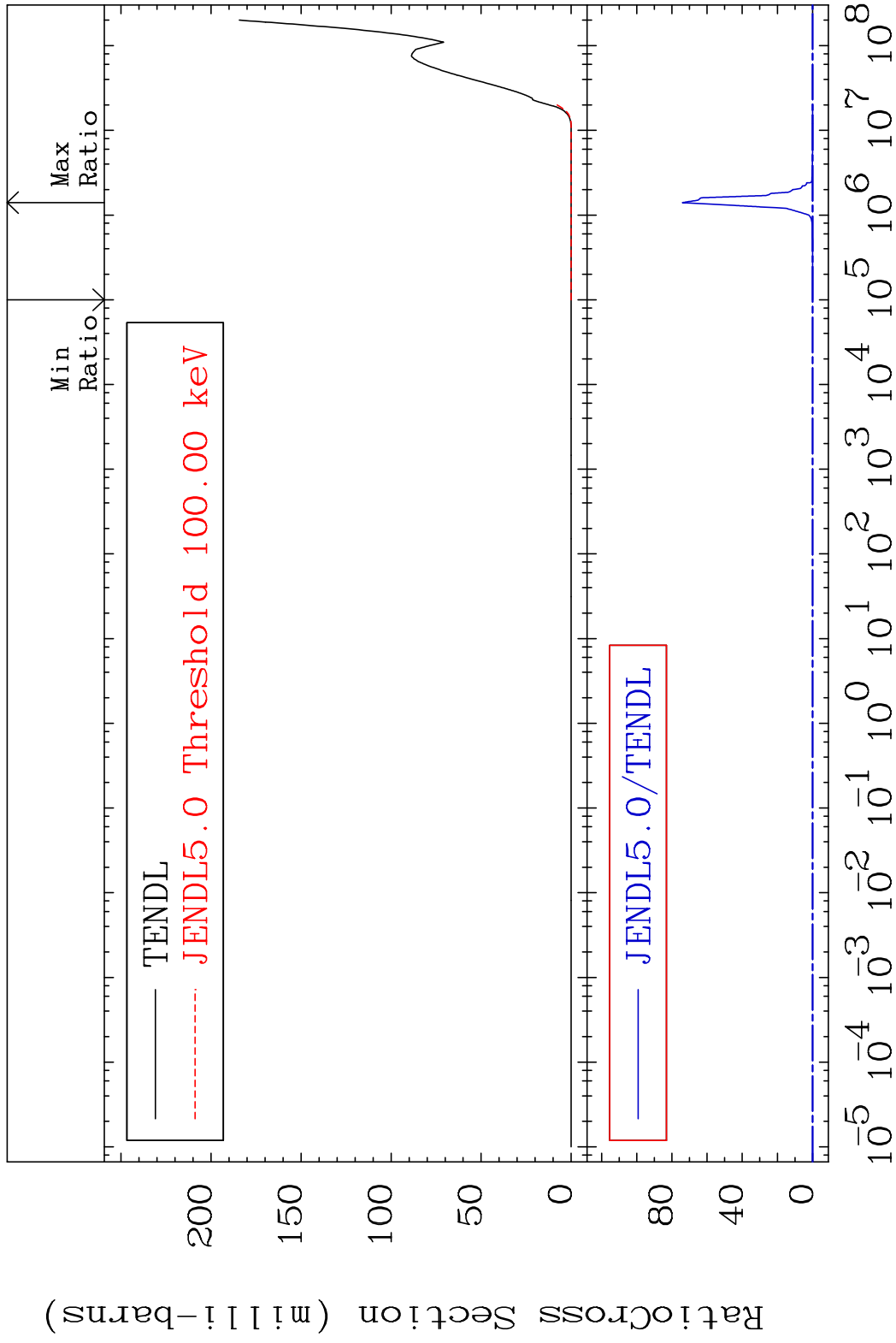
48-Cd-114

MAT 4849

He-4 Production

48-Cd-114

Cross Section -100.0 To 9999. %

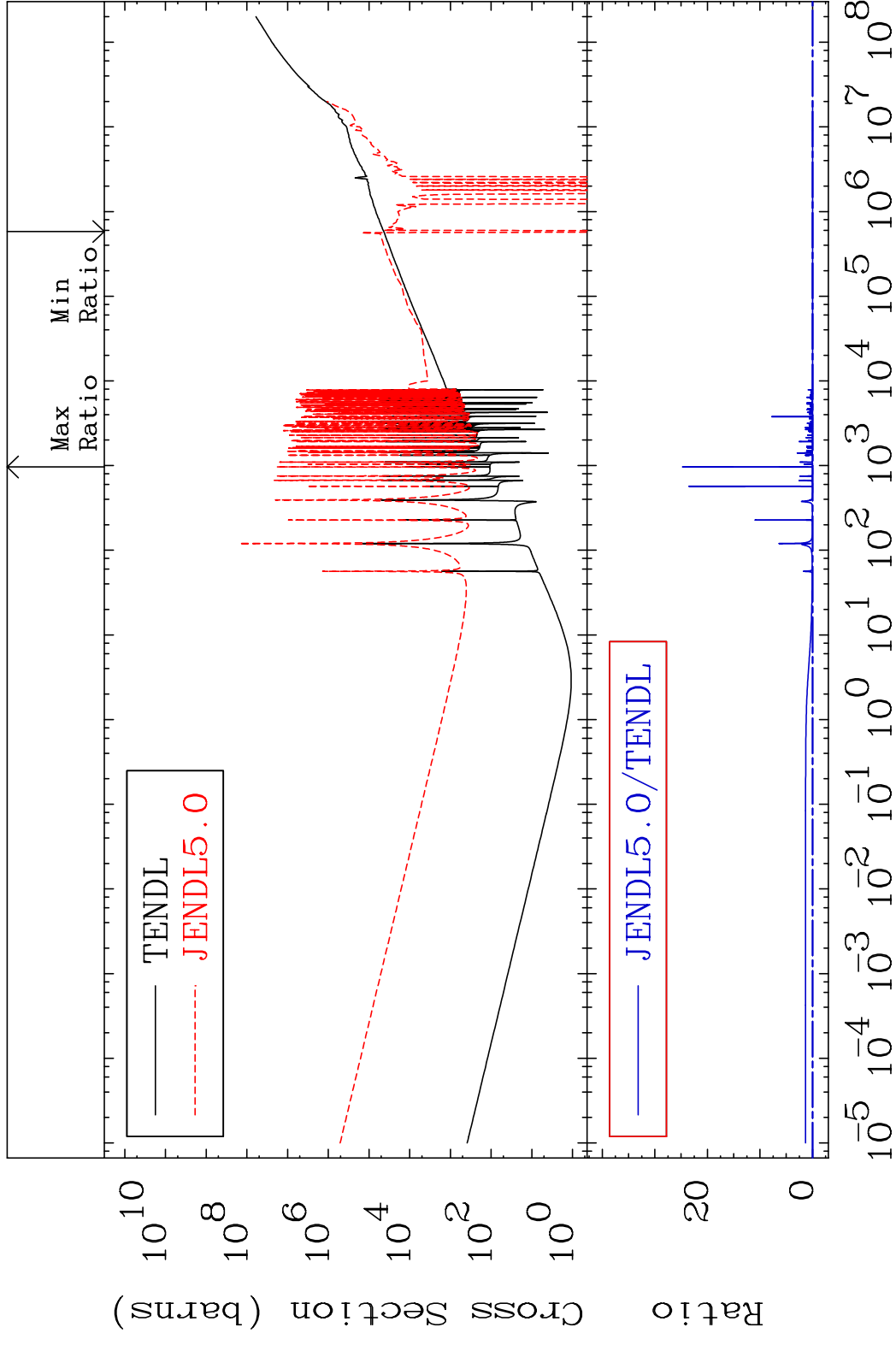


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Incident Energy (eV)

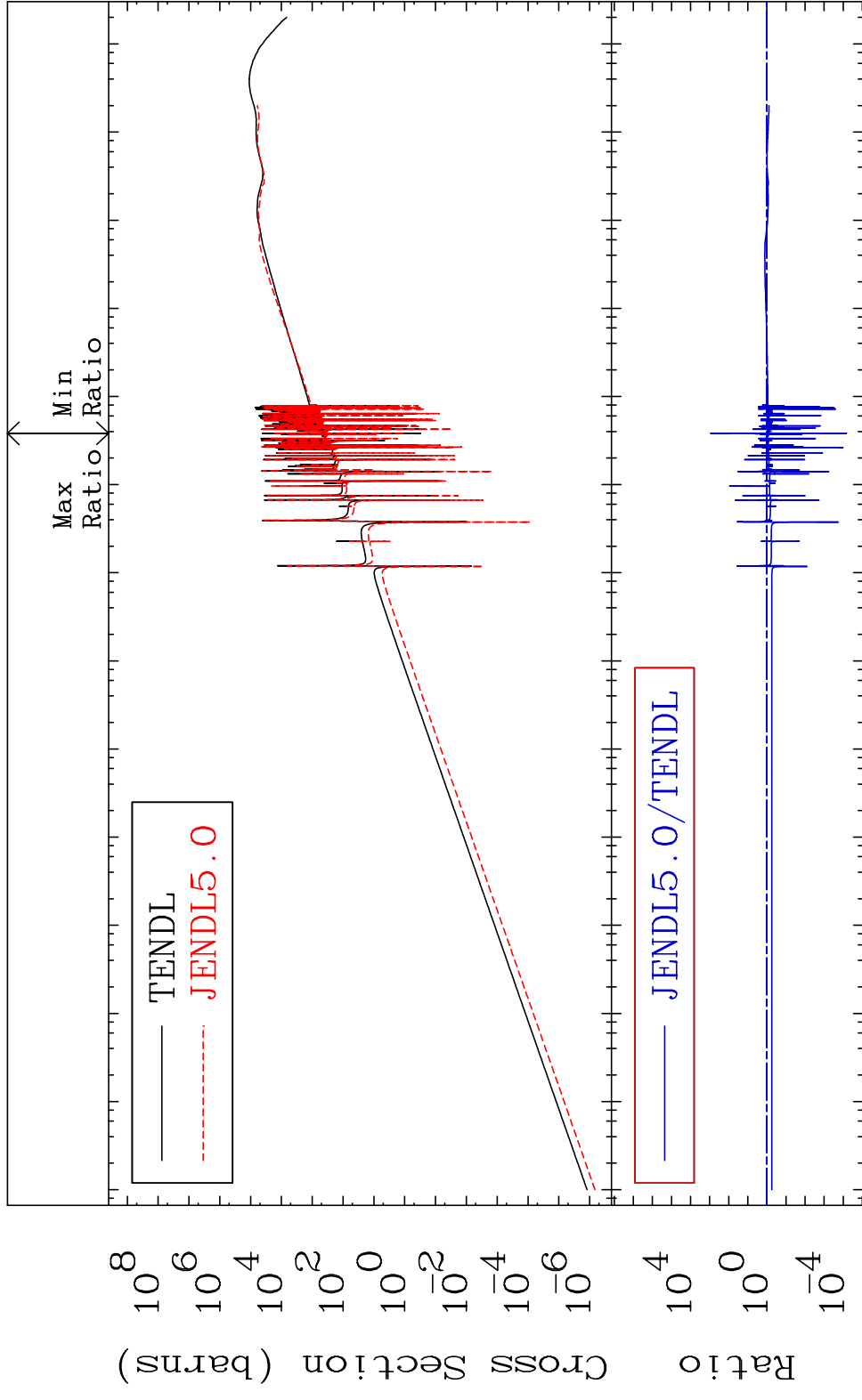
48-Cd-114

MAT 4849 Kerma total (eV-barns) 48-Cd-114  
 Cross Section -326.4 To 9999. %



MAT 4849

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

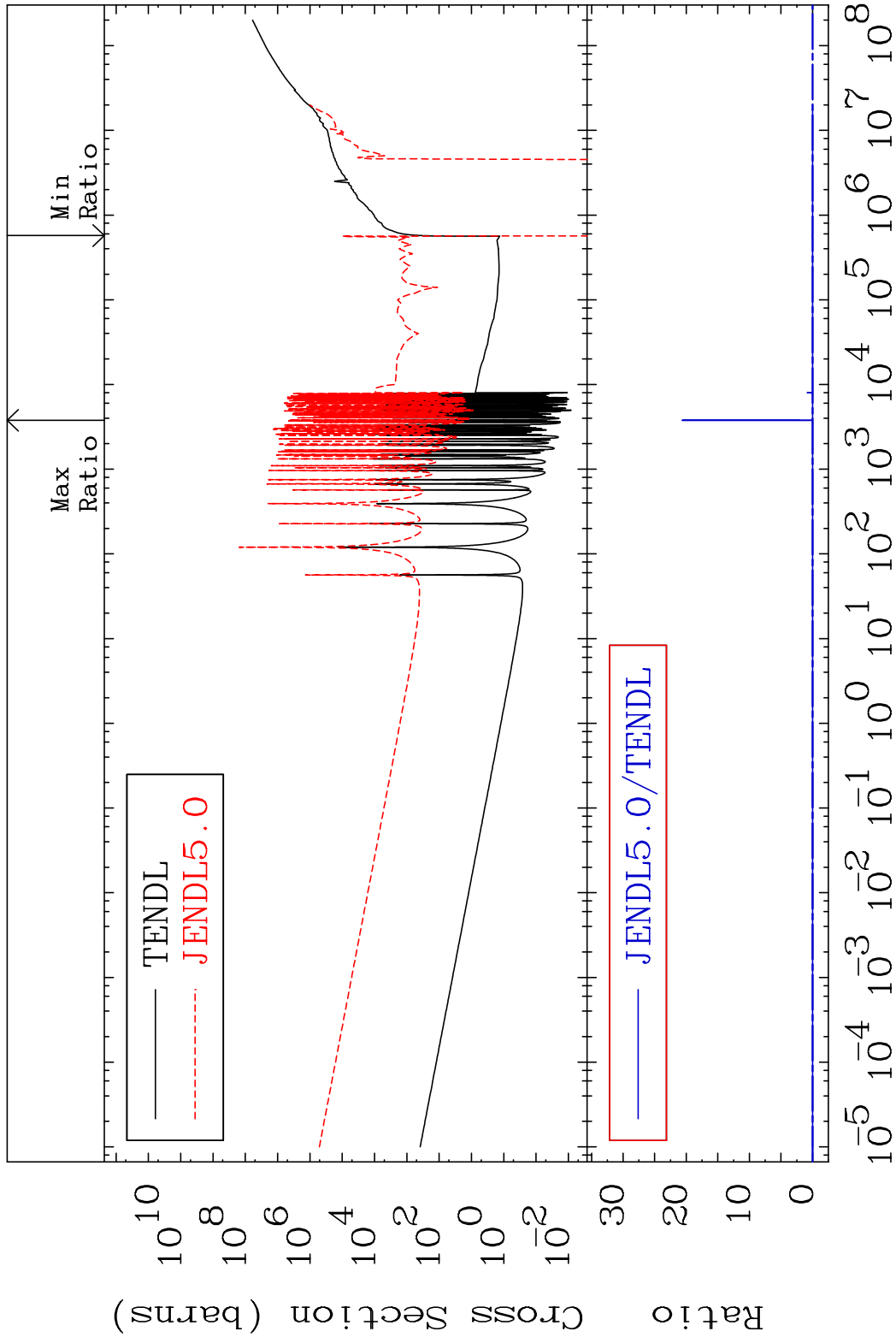


45

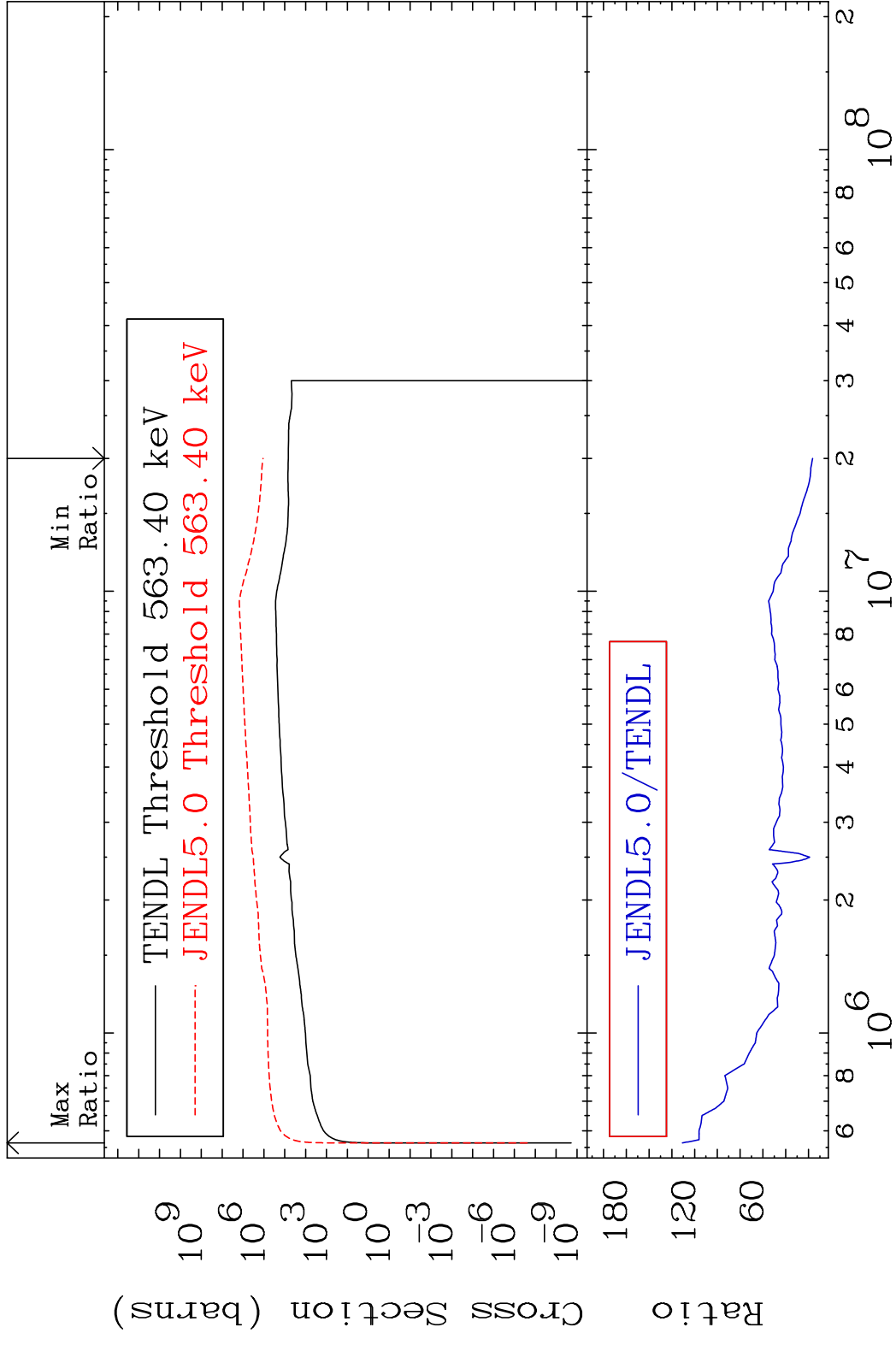
Incident Energy (eV)

48-Cd-114

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

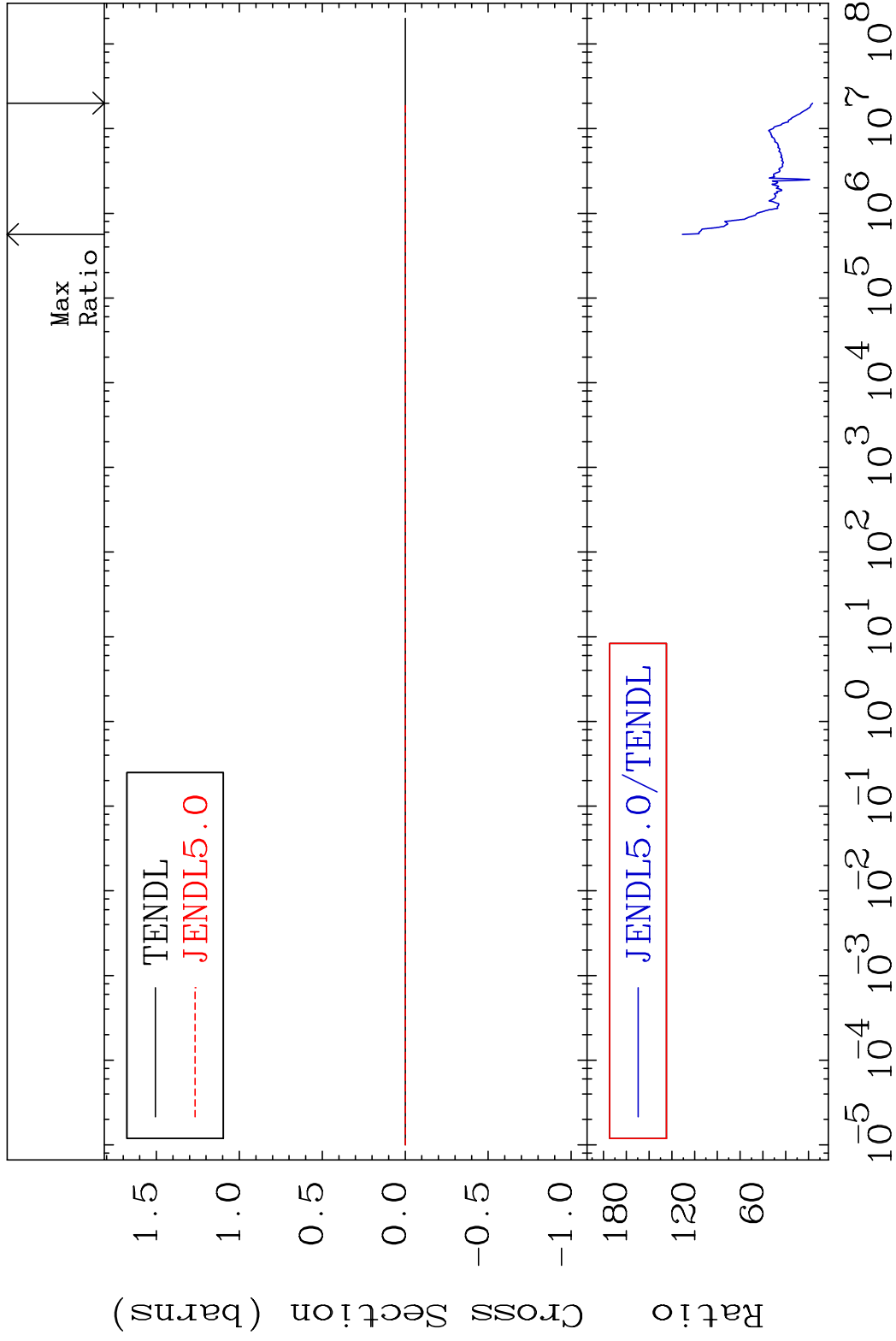


MAT 4849 Kerma inelastic (mt51-91) 48-Cd-114  
 Cross Section 1541. To 9999. %



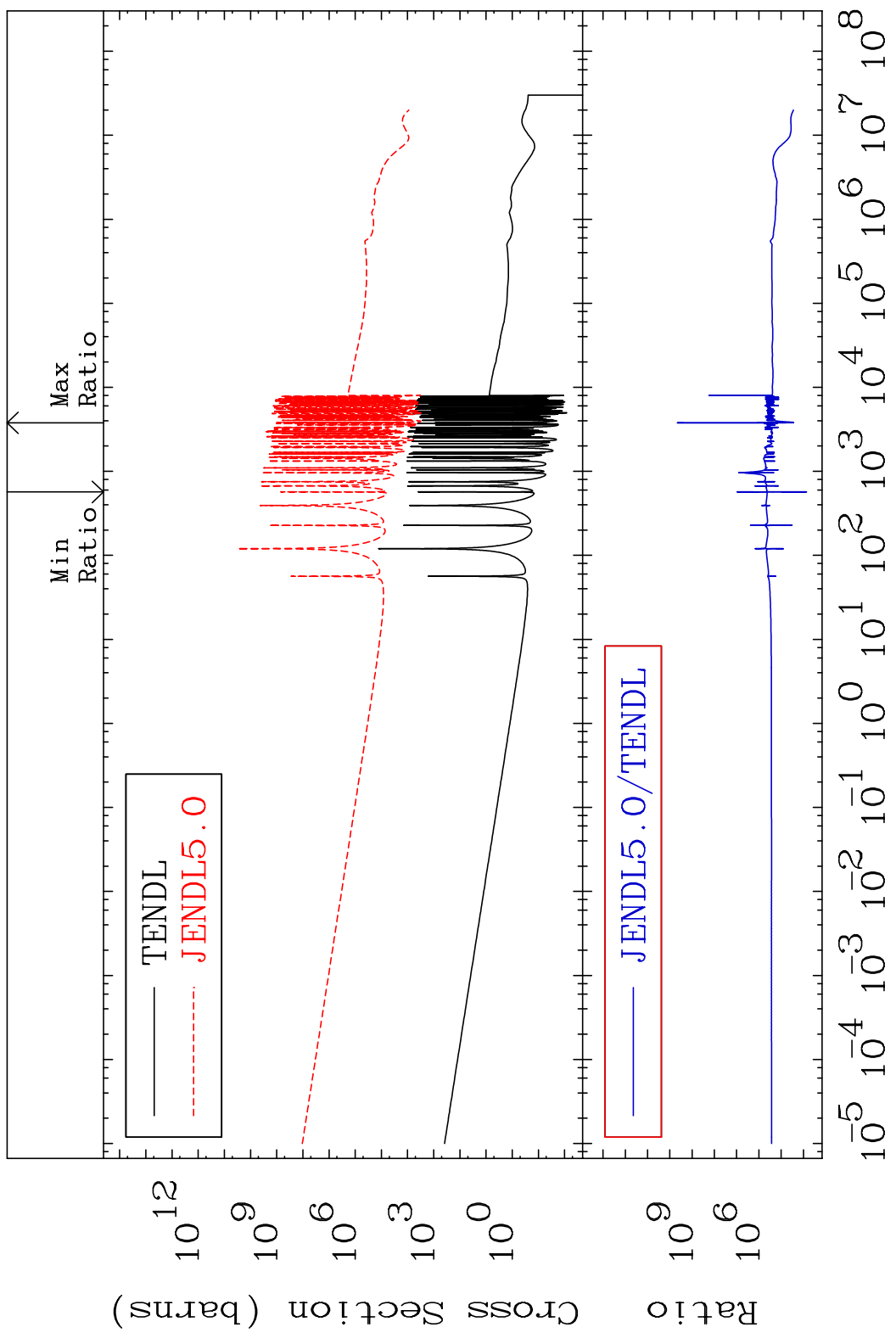


MAT 4849 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-114  
 Cross Section 1541. To 9999. %



MAT 4849

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

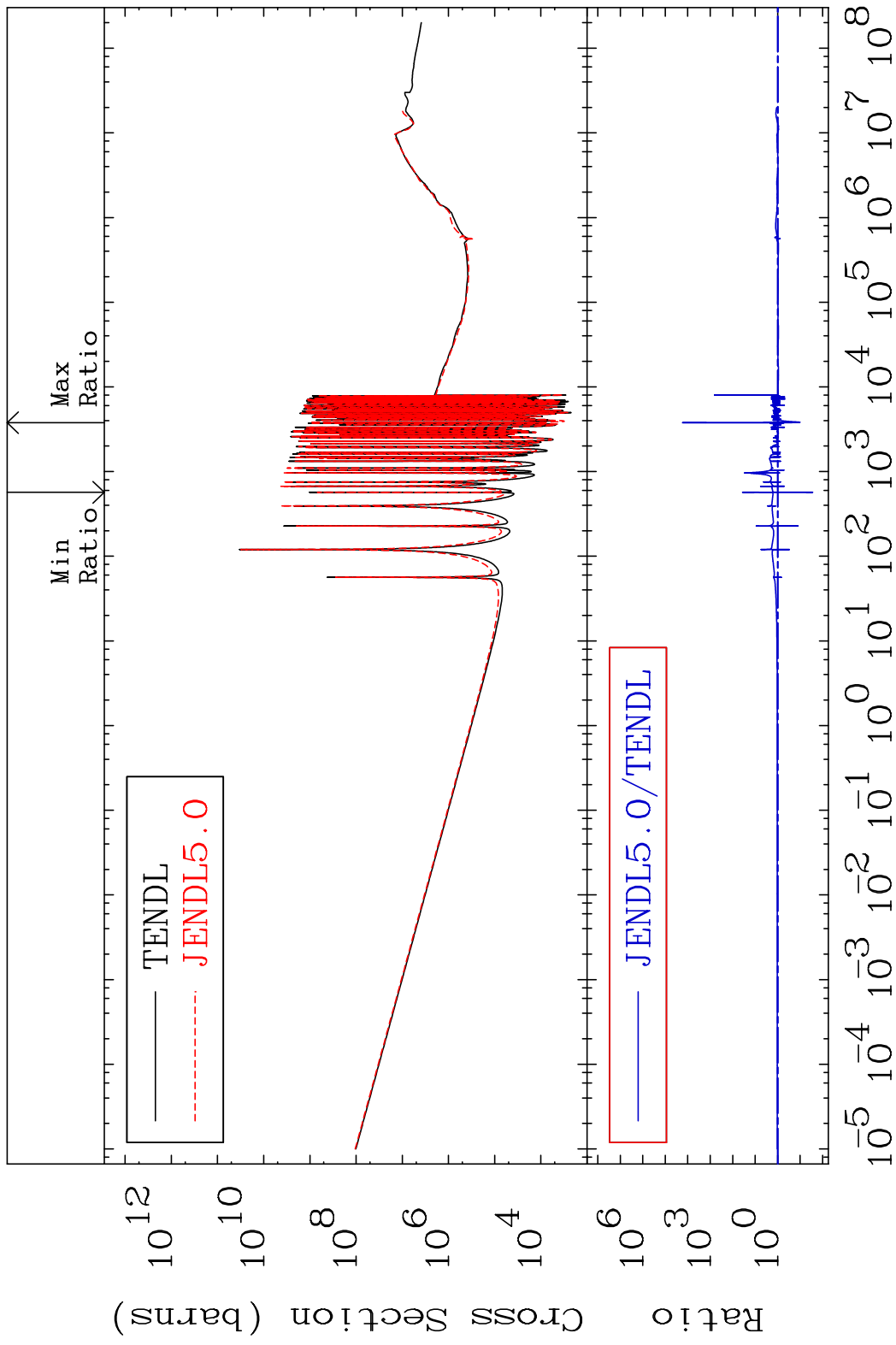


49

Incident Energy (eV)

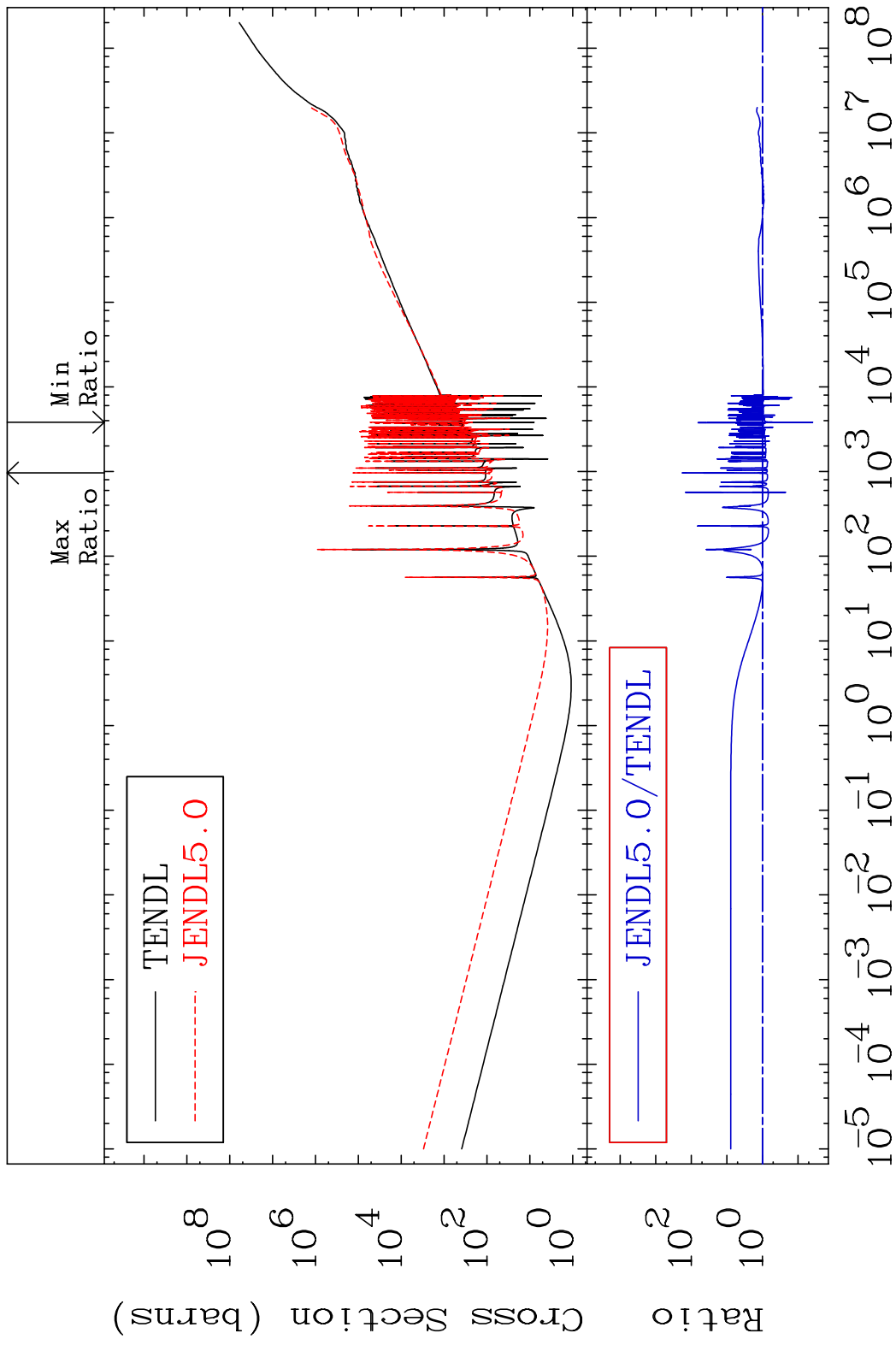
48-Cd-114

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

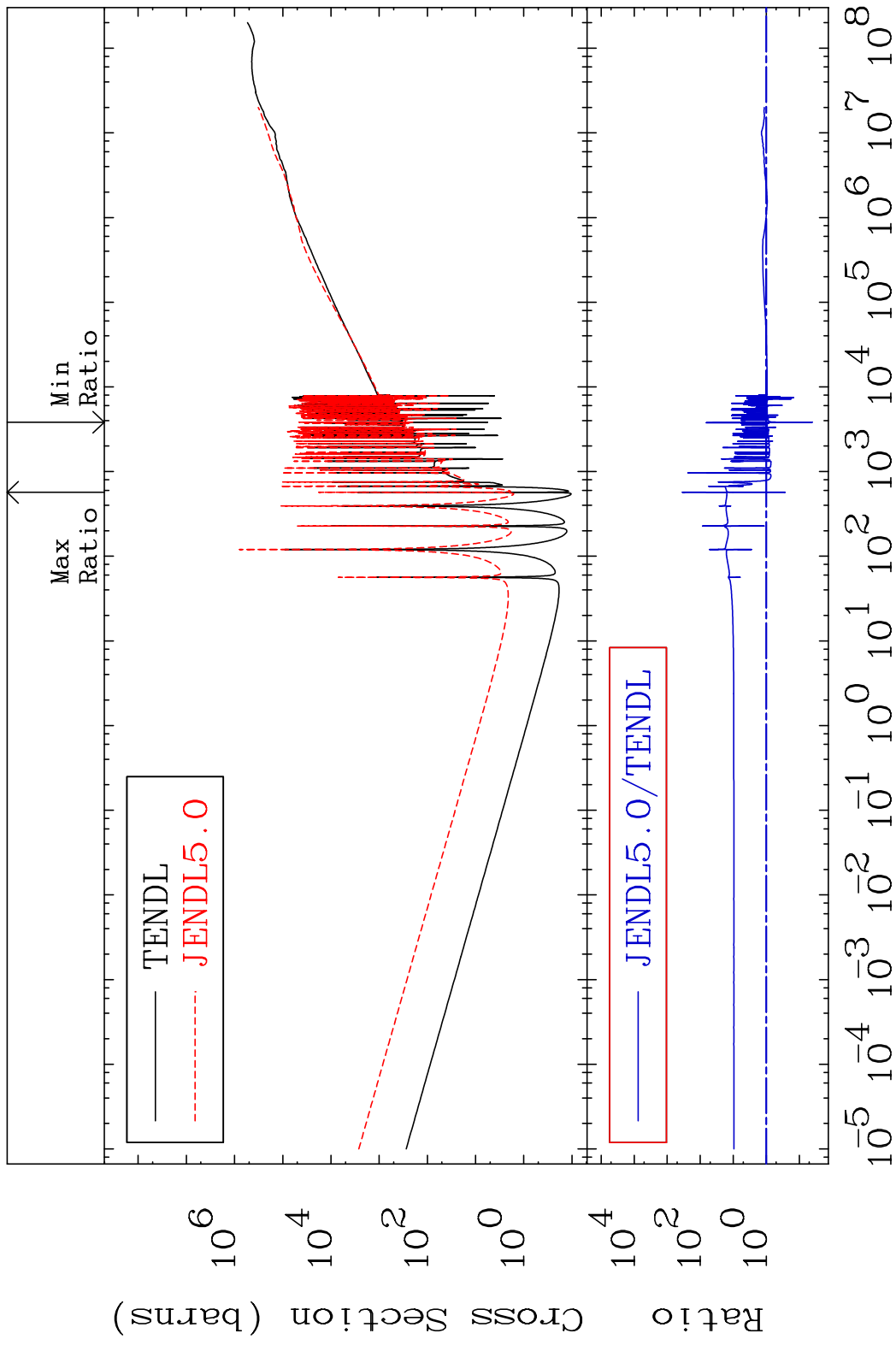


50 Incident Energy (eV) 48-Cd-114

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      -96.03 To 9999. %

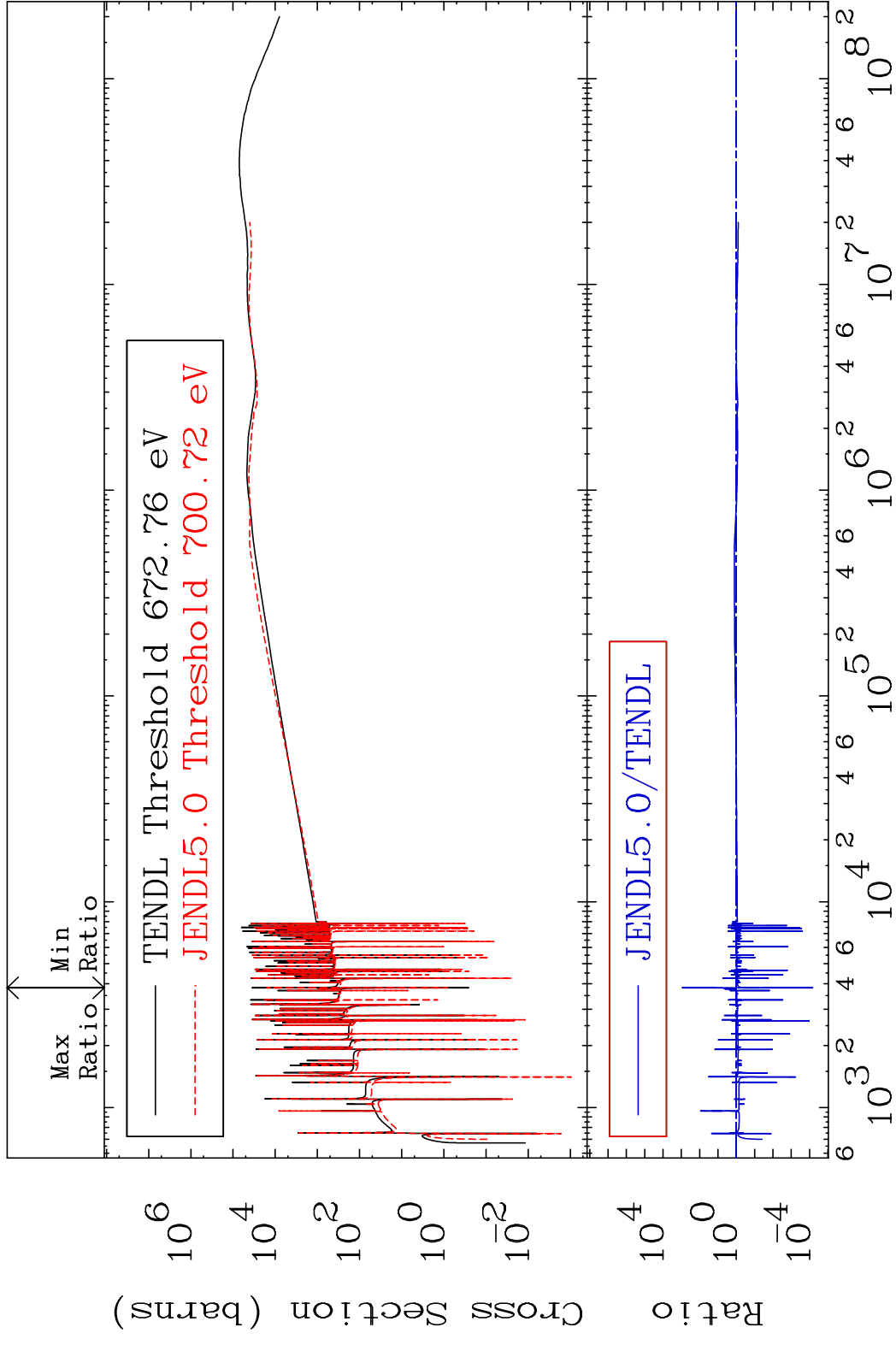


MAT 4849

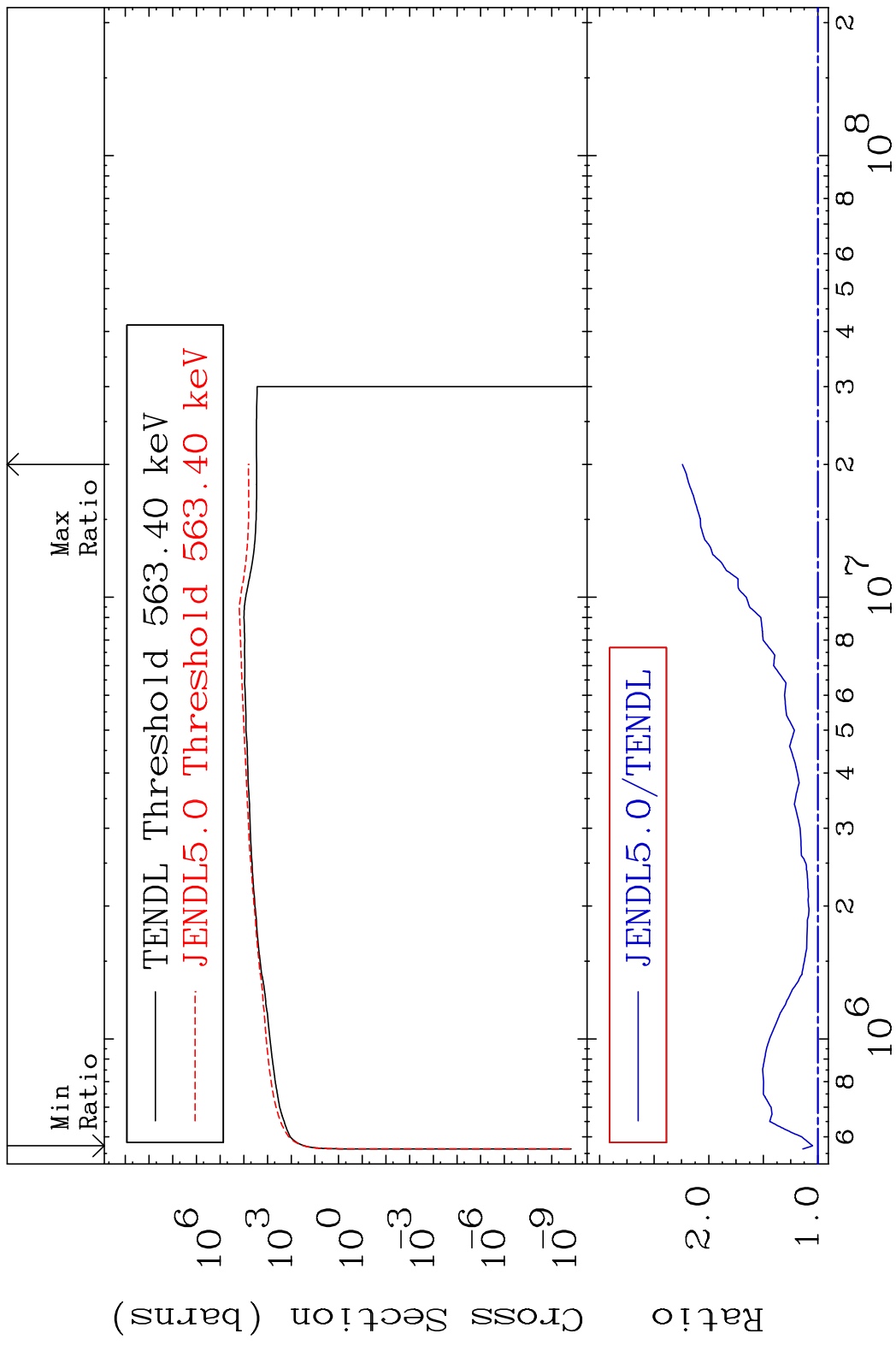
Dpa elastic (mt2)

48-Cd-114

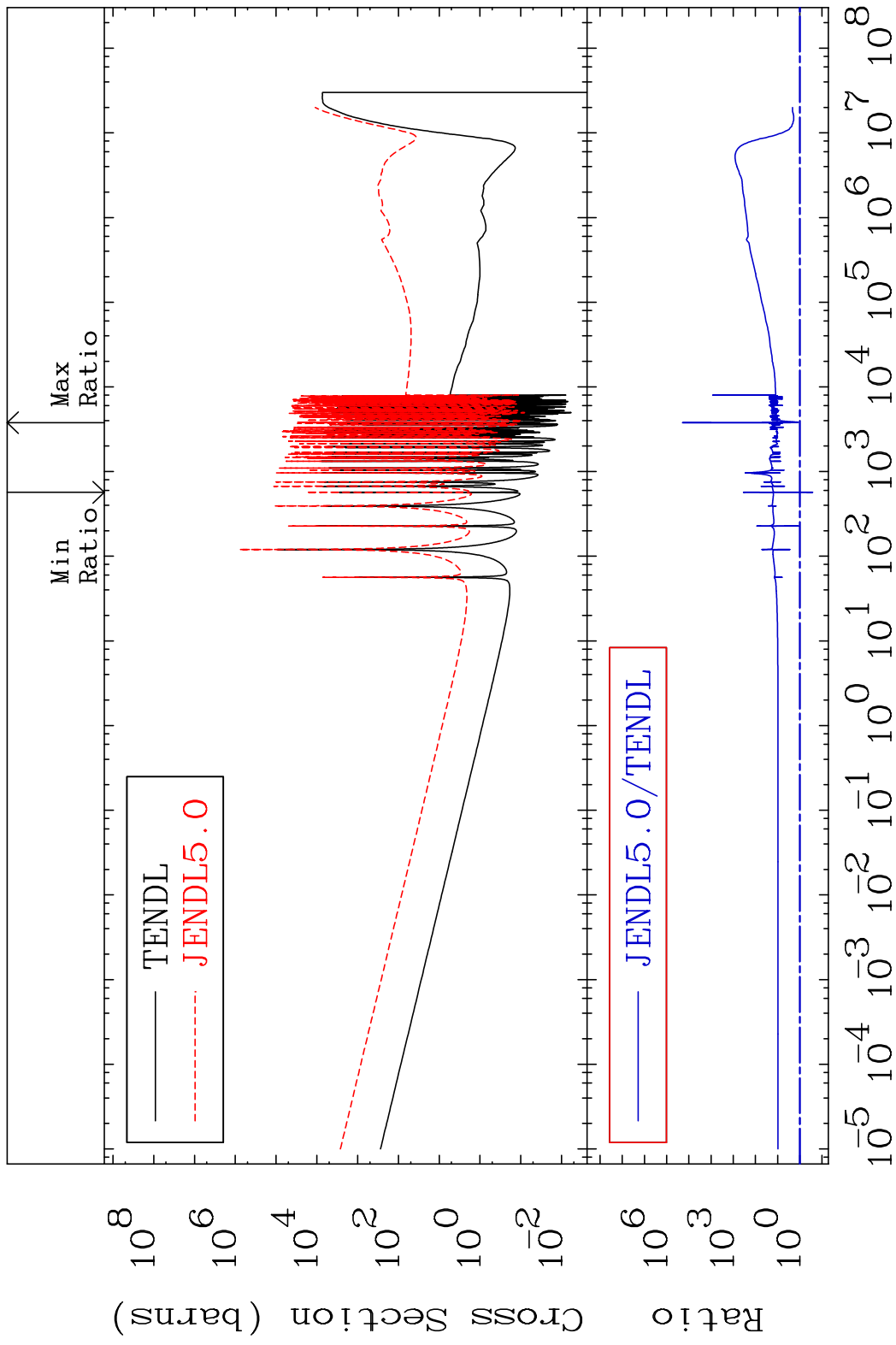
Cross Section -99.99 To 9999. %



MAT 4849      Dpa inelastic (mt51-91)      48-Cd-114  
 Cross Section      4.881      To 124.2 %

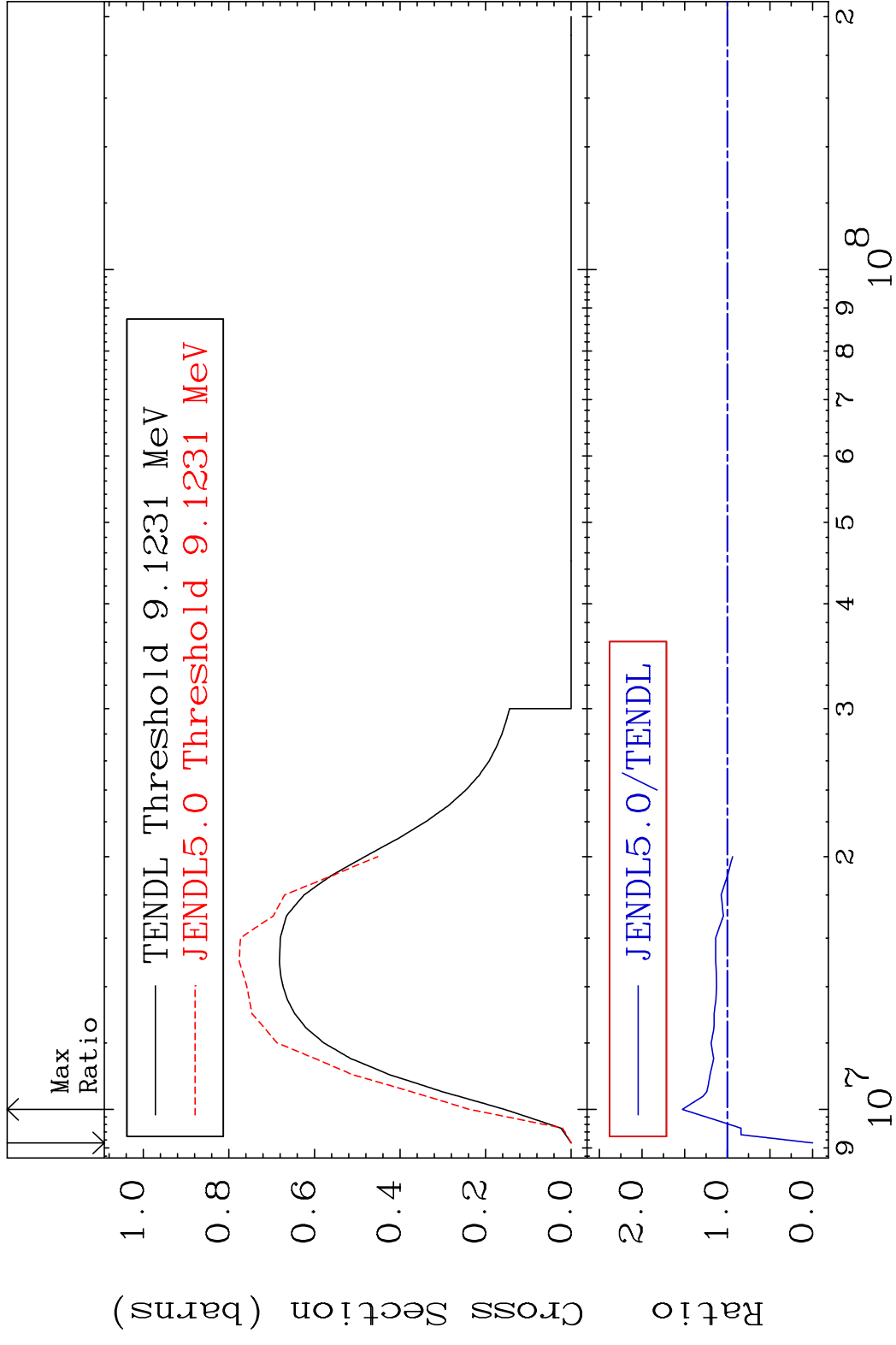


MAT 4849 Dpa disappearance (mt102 -120) 48-Cd-114  
 Cross Section -73.27 To 9999. %



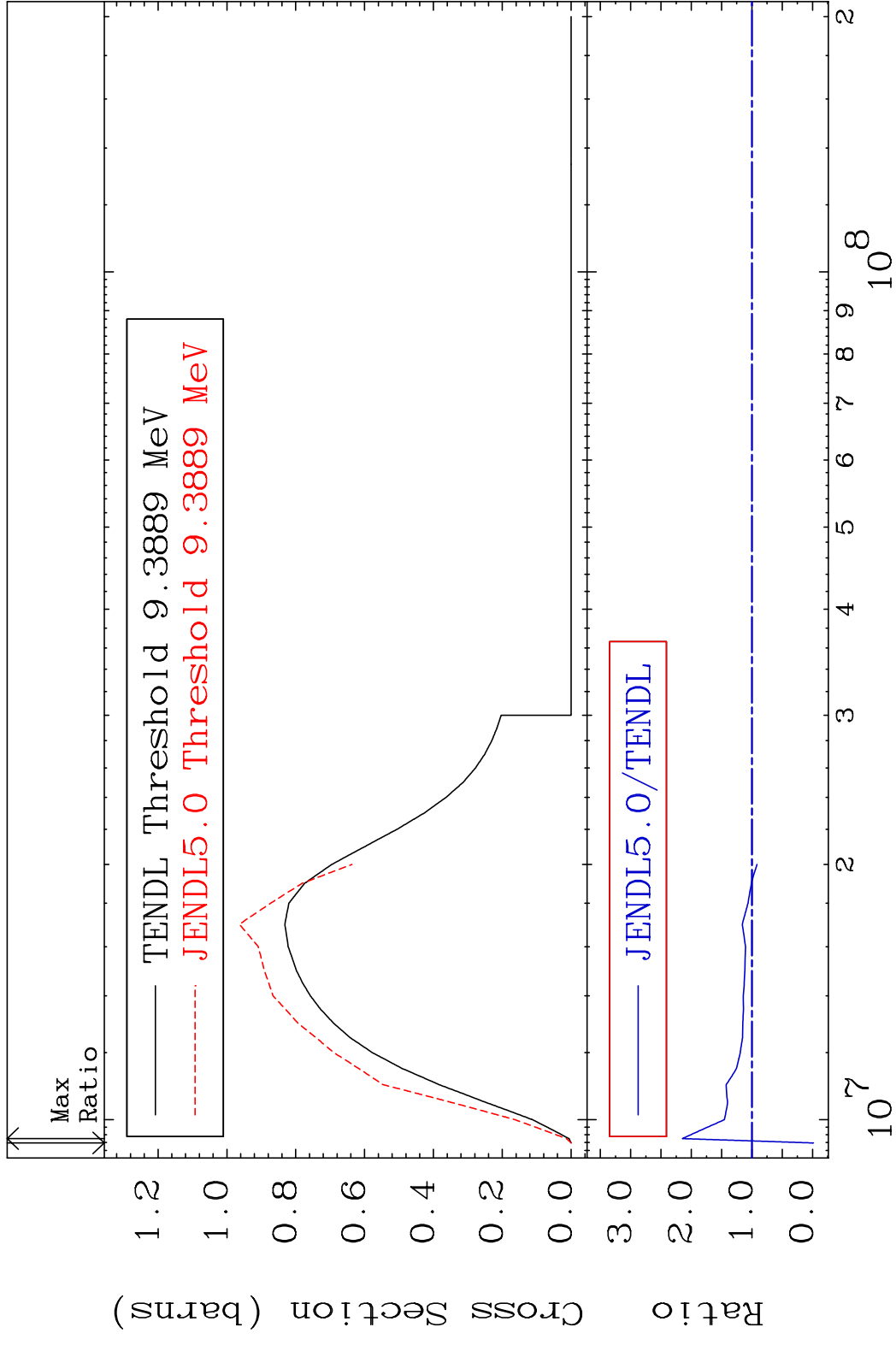


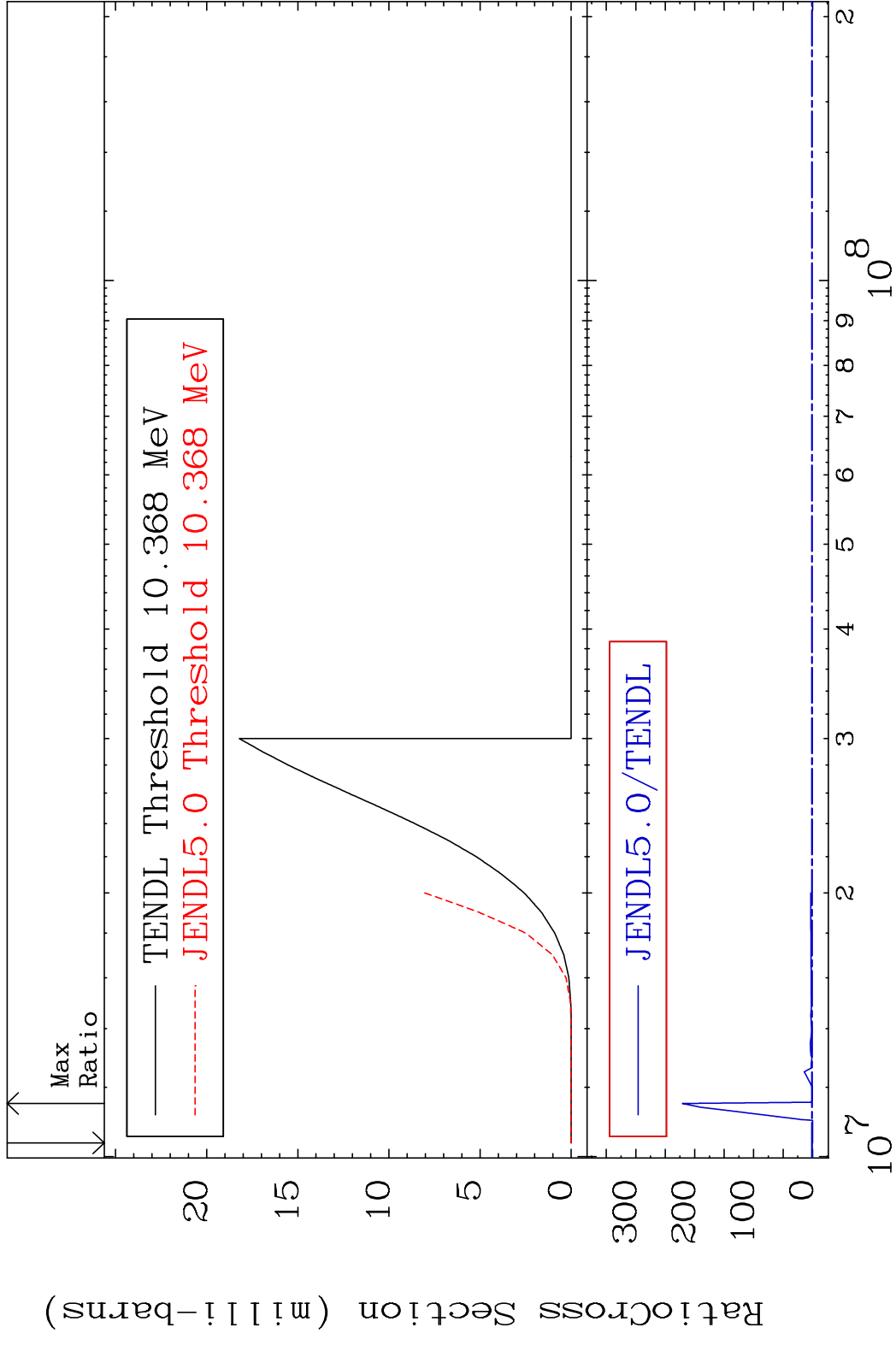
MAT 4849 (n,2n):48-Cd-113g 48-Cd-114  
 Radionuclide Production Cross Section Ratio 52.76 %

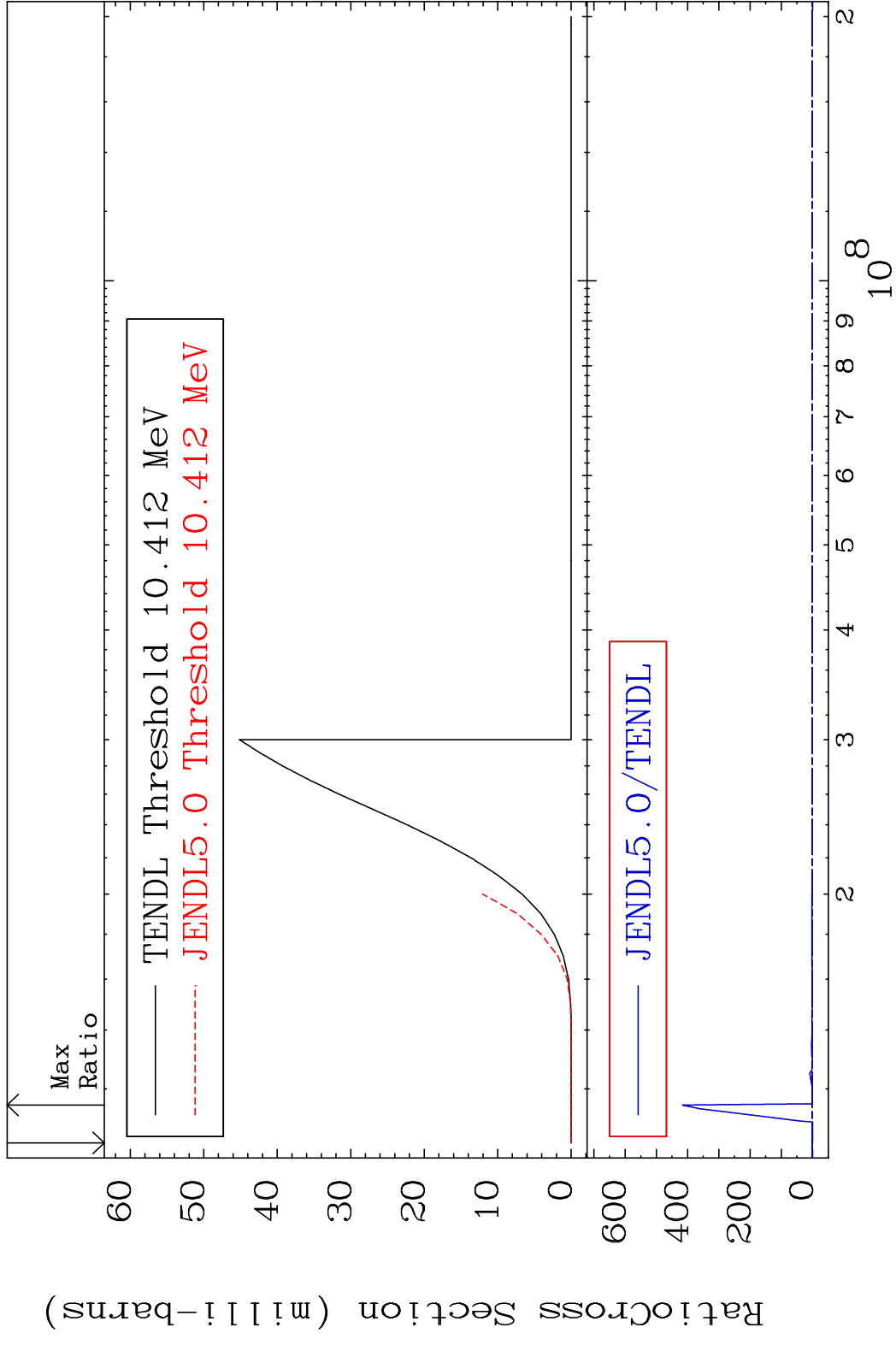


56 Incident Energy (eV) 48-Cd-114

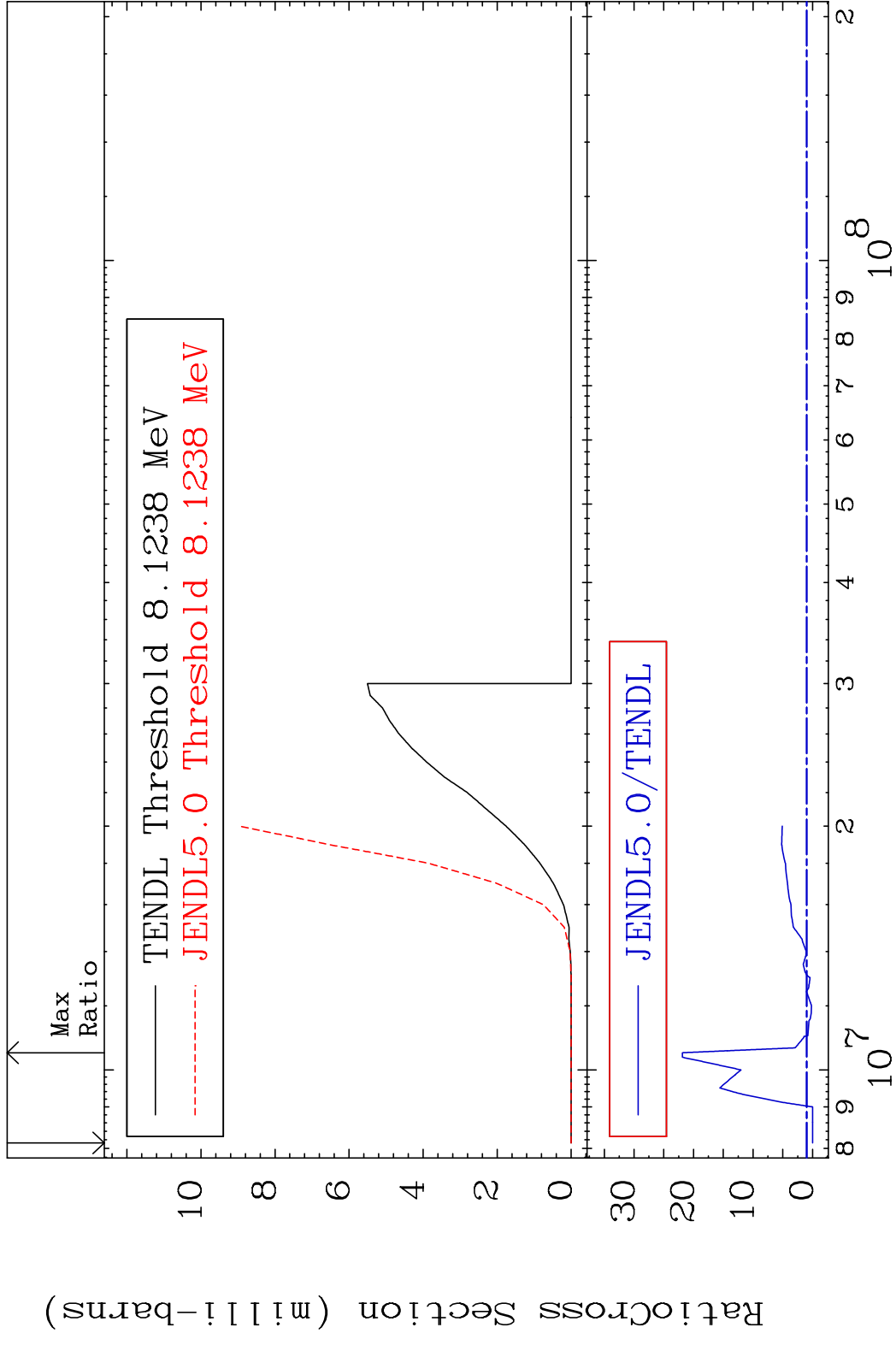
MAT 4849 (n,2n): 48-Cd-113m1 48-Cd-114  
 Radionuclide Production Cross Section 180.0 dth 114.7 %







MAT 4849 (n,d):47-Ag-113g 48-Cd-114  
 Radionuclide Production Cross Section 2088. %



60 Incident Energy (eV) 48-Cd-114

