

Program Complot  
(Version 2021-1)

by

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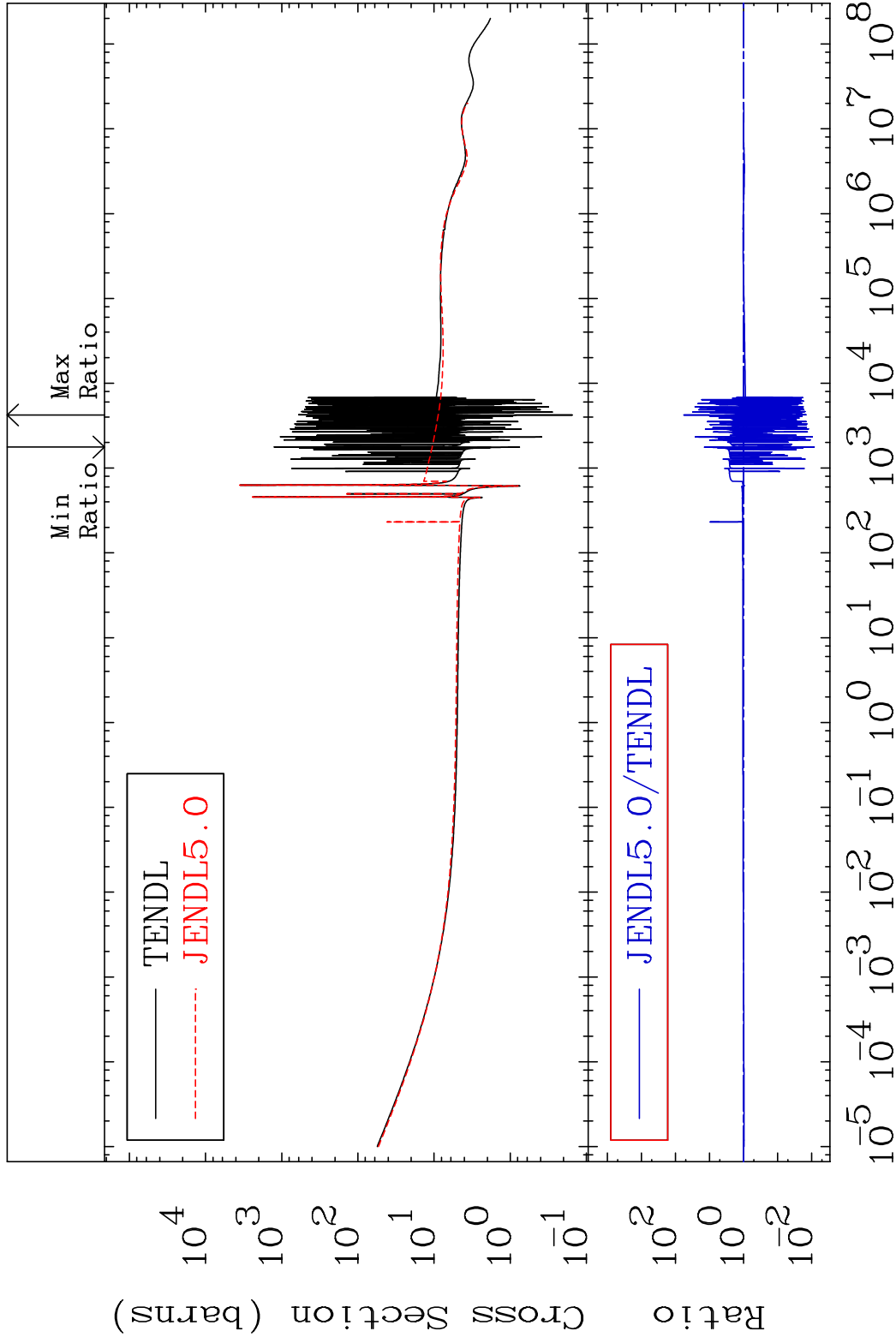
Press Mouse Button to Start

MAT 4825

Total

48-Cd-106

Cross Section -99.16 To 5647. %

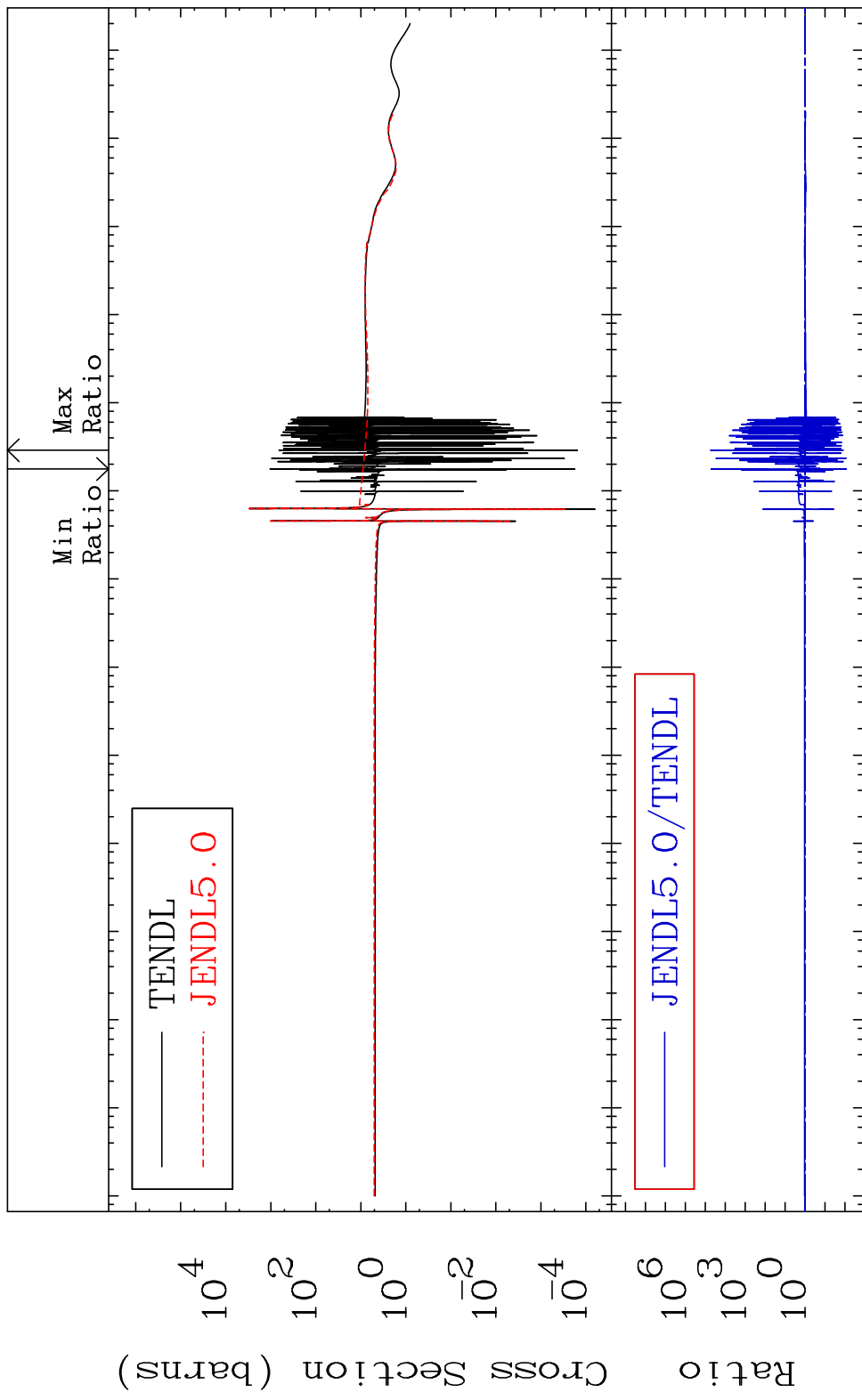


1

Incident Energy (eV)

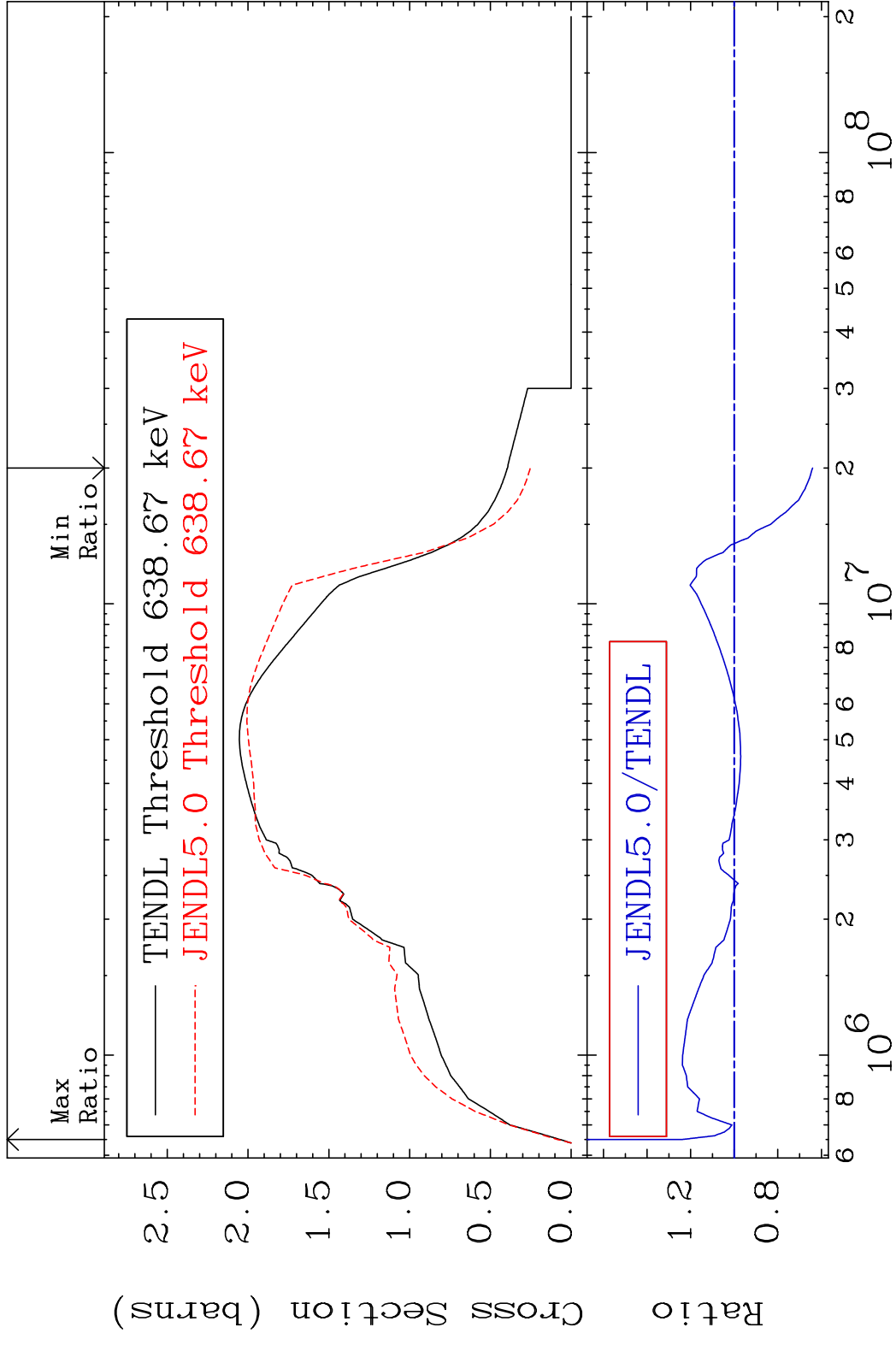
48-Cd-106

MAT 4825                      Elastic                      48-Cd-106  
 Cross Section                      -99.15 To 9999. %



2                      Incident Energy (eV)                      48-Cd-106

MAT 4825 Inelastic 48-Cd-106  
 Cross Section -35.94 To 23.81 %



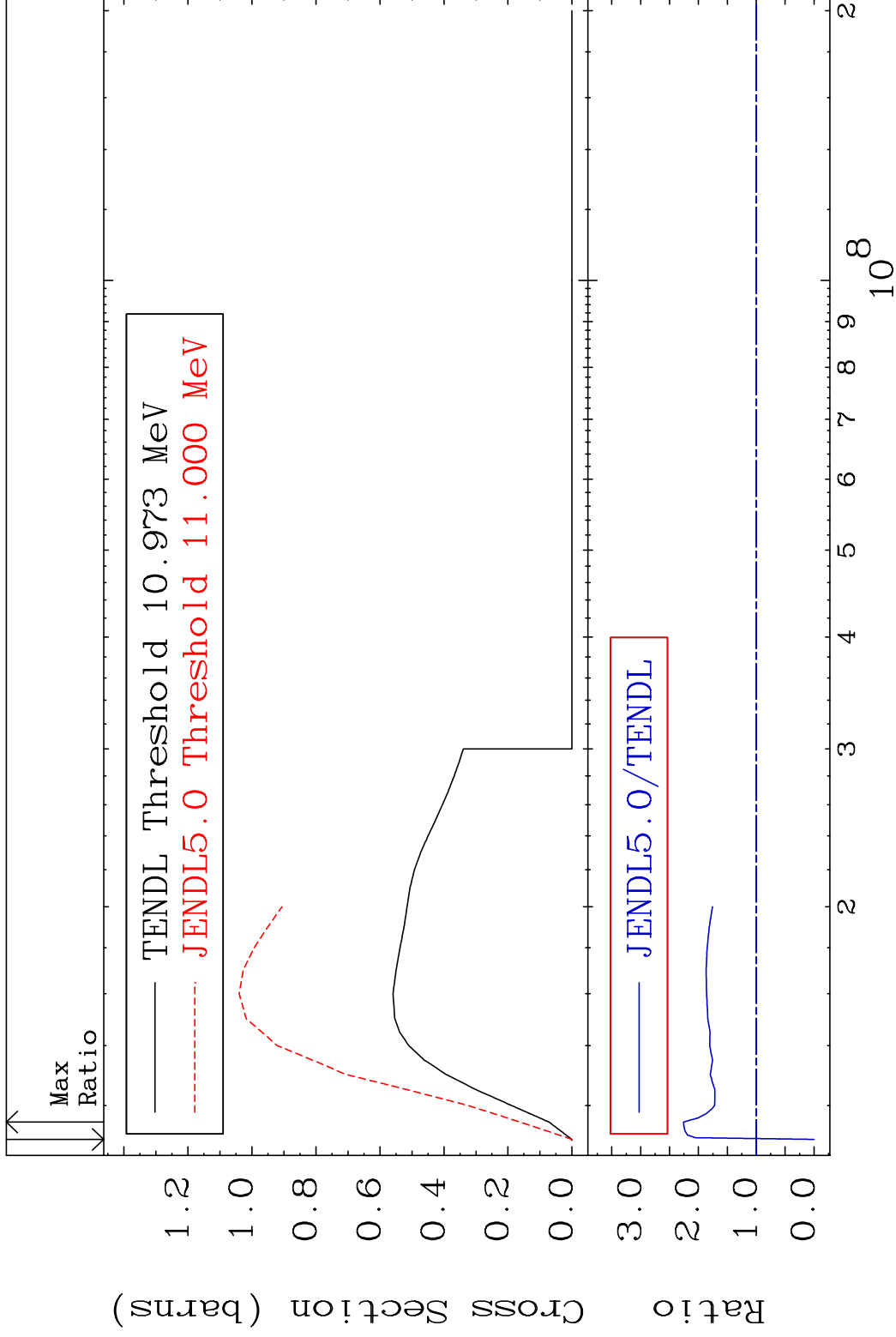
3 Incident Energy (eV) 48-Cd-106

MAT 4825

(n,2n)

48-Cd-106

Cross Section -100.0 To 126.0 %

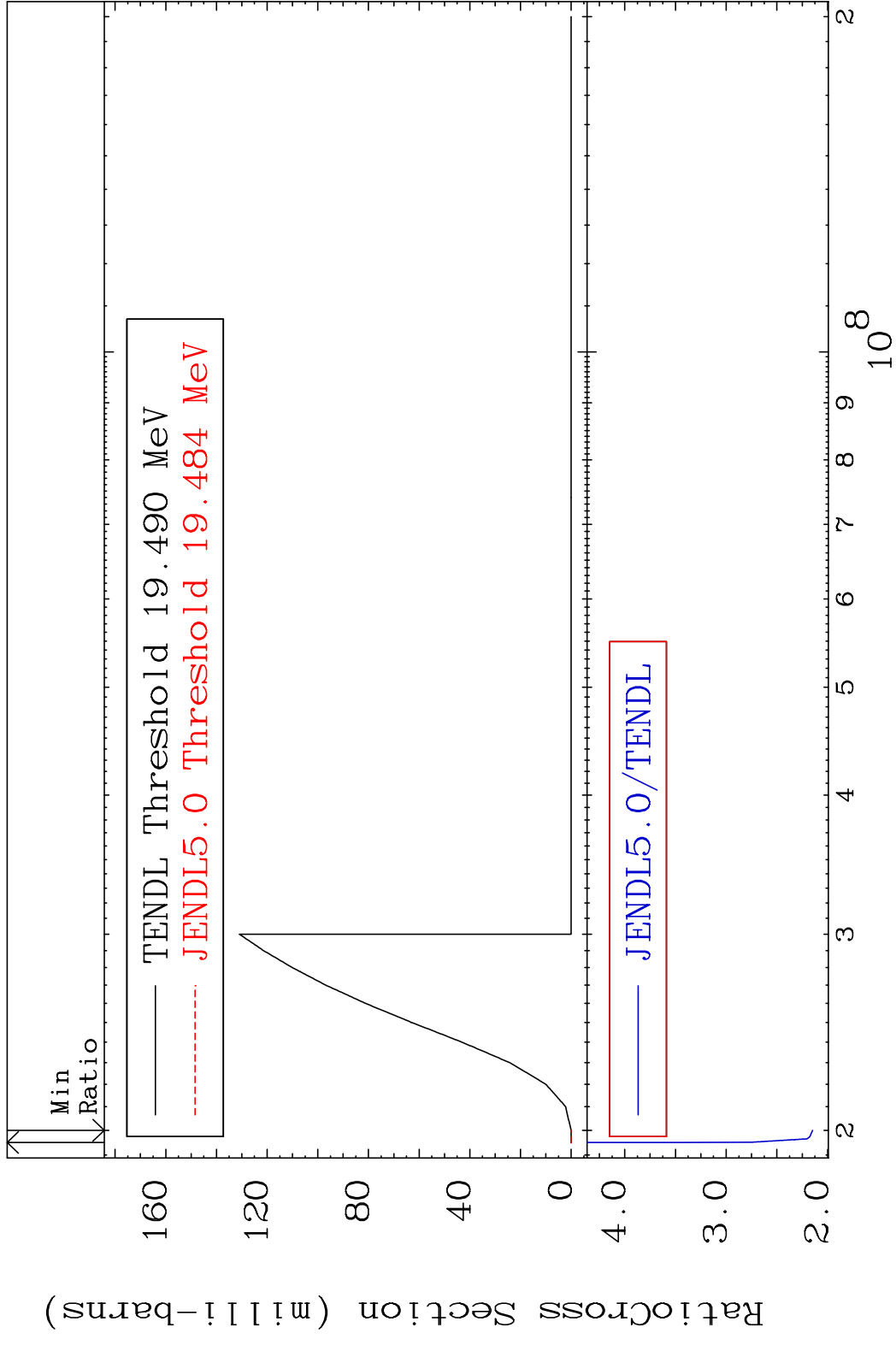


4

Incident Energy (eV)

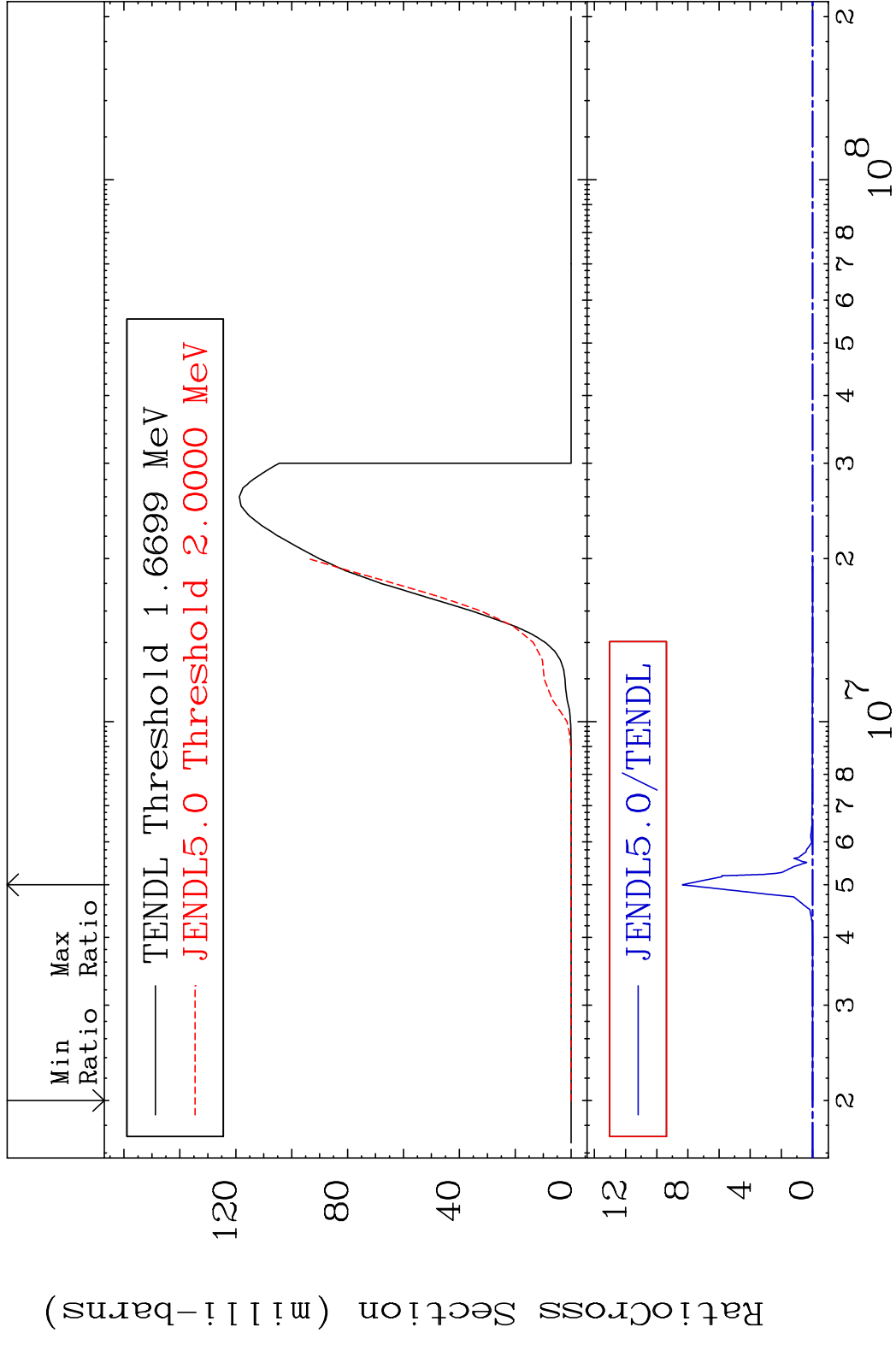
48-Cd-106

MAT 4825 (n,3n) 48-Cd-106  
 Cross Section 114.8 To 243.2 %

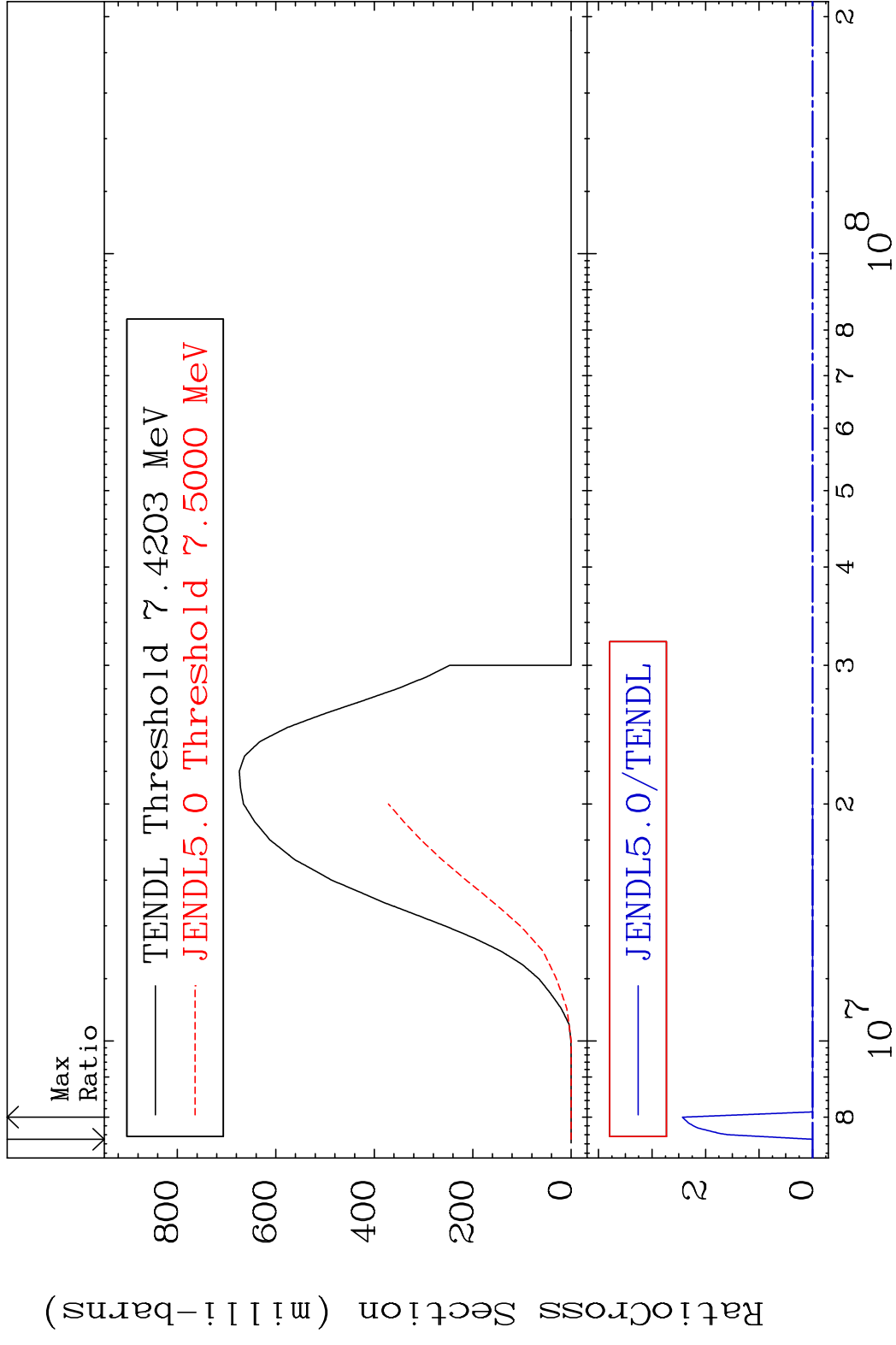


5 Incident Energy (eV) 48-Cd-106

MAT 4825 (n, n')  $\alpha$  48-Cd-106  
 Cross Section -100.0 To 9999. %



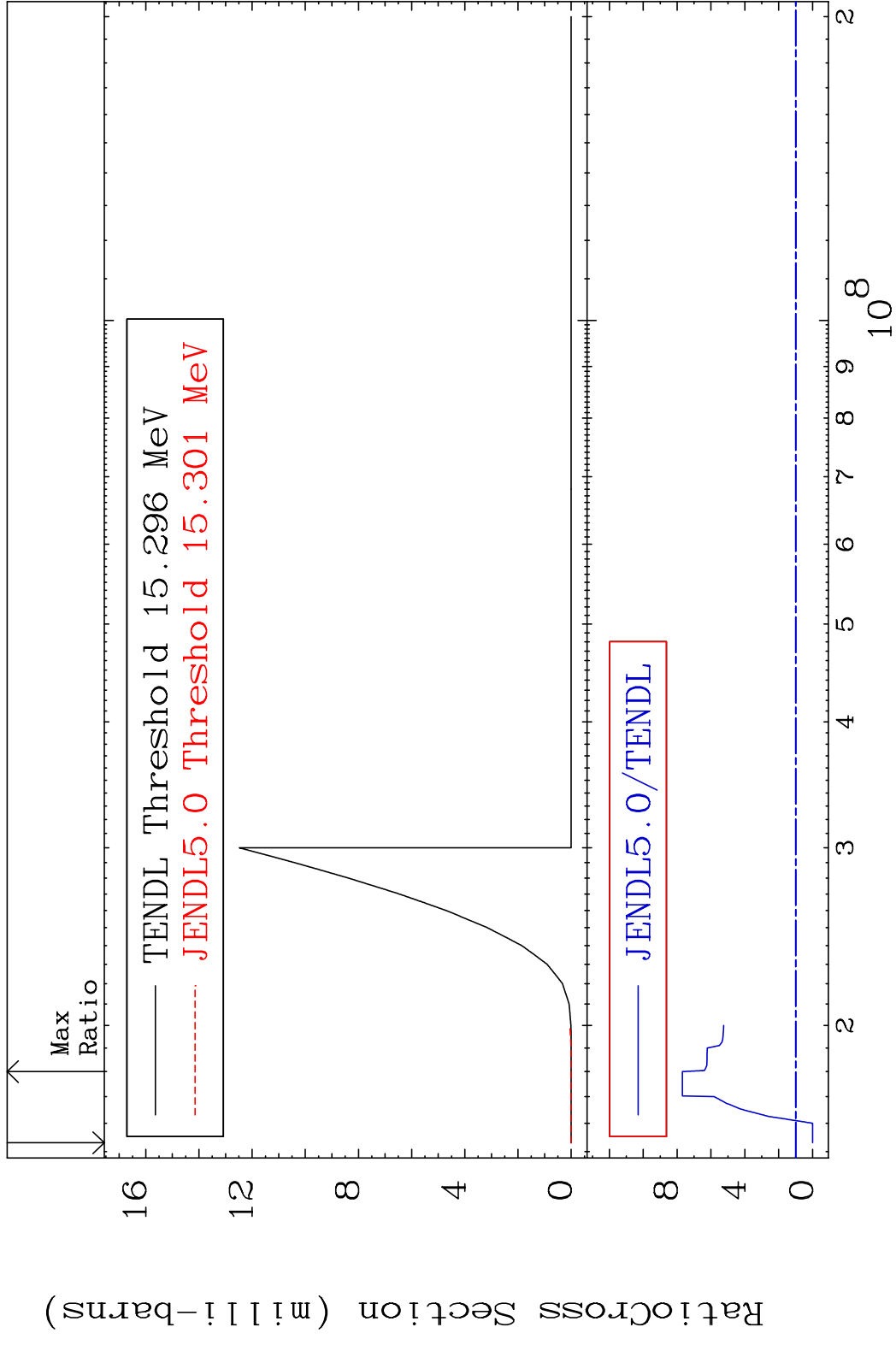
MAT 4825 (n, n') p 48-Cd-106  
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 48-Cd-106

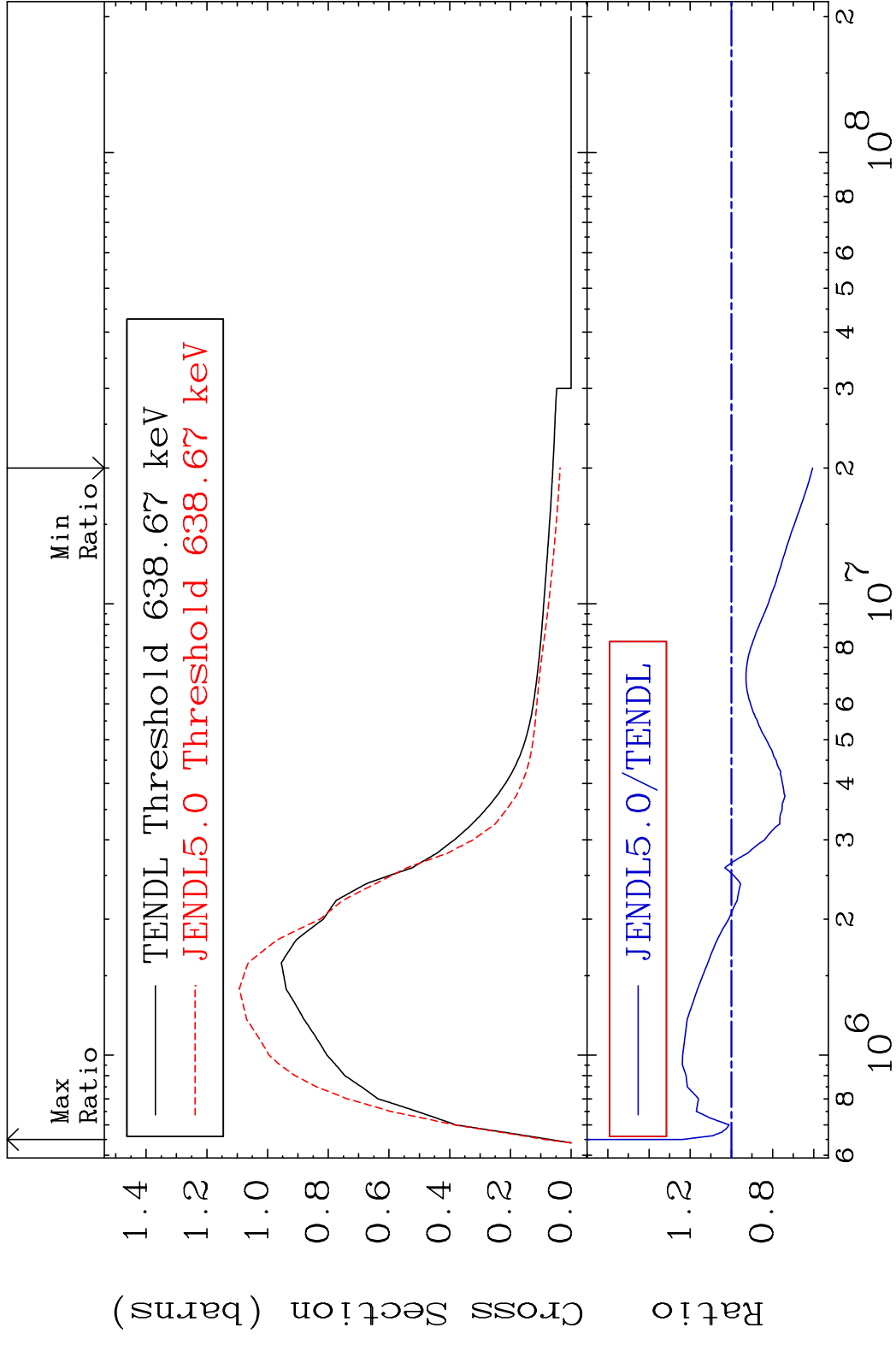


MAT 4825 (n, n') d 48-Cd-106  
 Cross Section -100.0 To 669.1 %



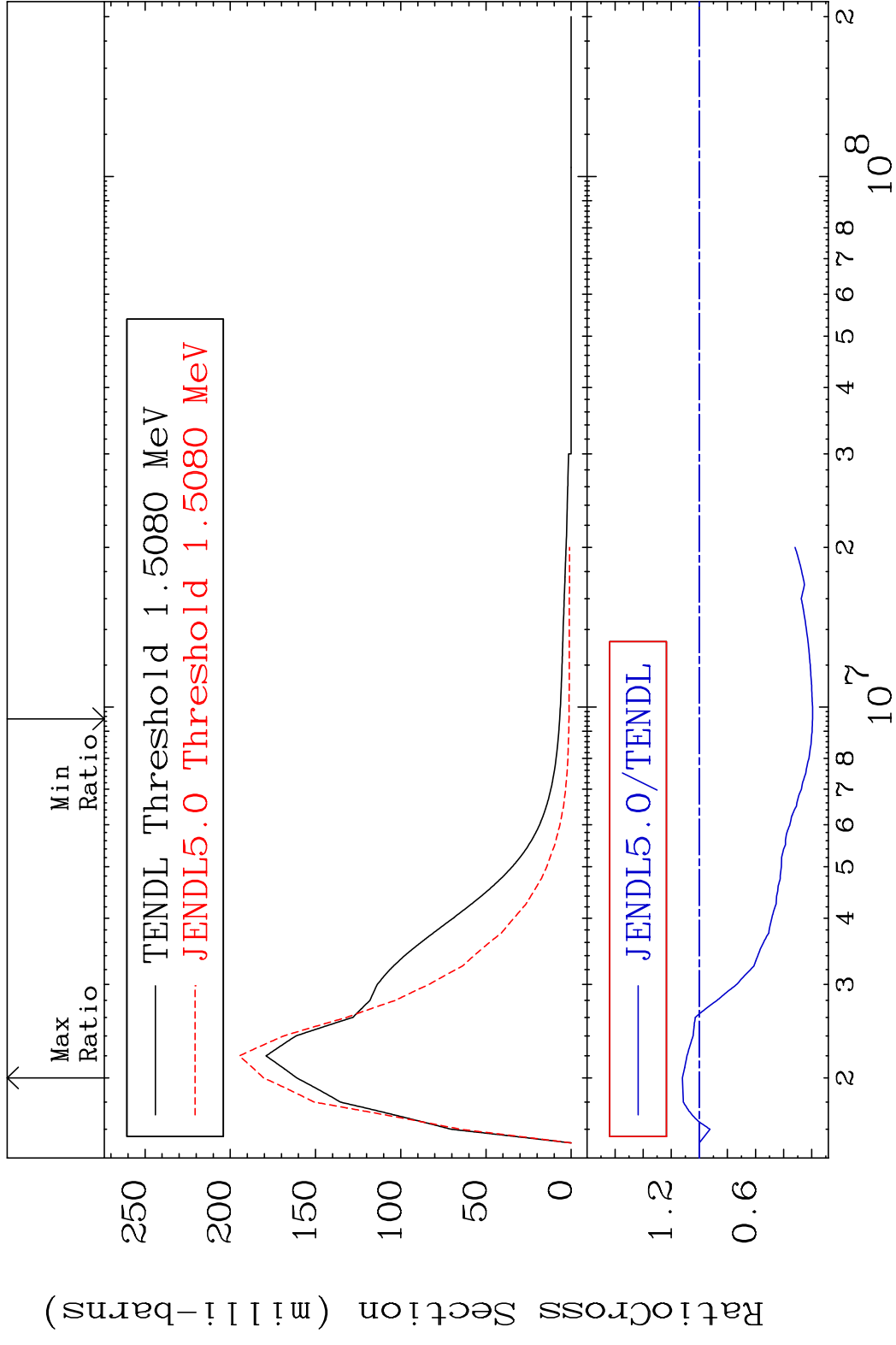
8 Incident Energy (eV) 48-Cd-106

MAT 4825 MT= 51 (n, n') Level 48-Cd-106  
 Cross Section -39.39 To 23.81 %



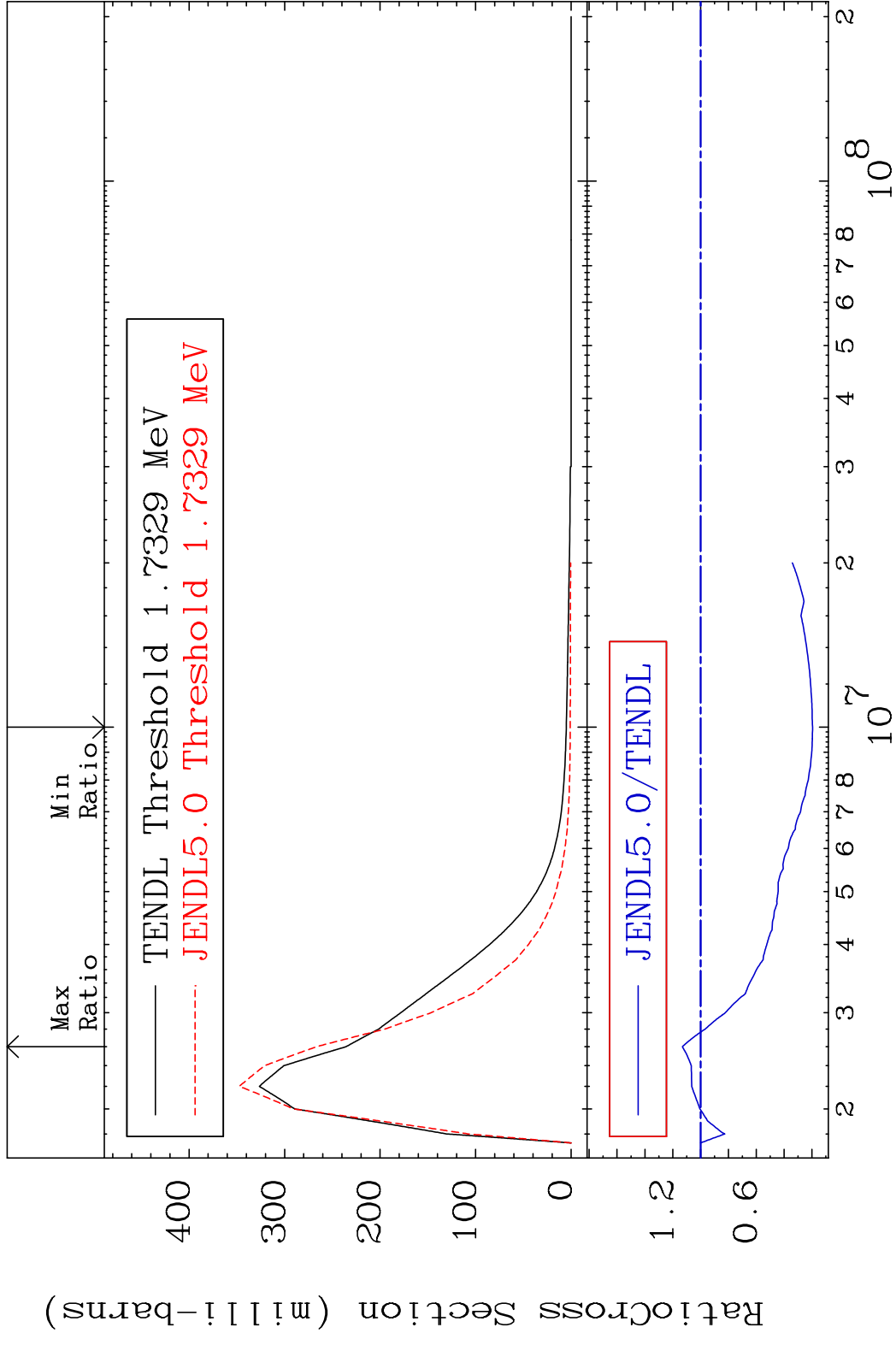
9 Incident Energy (eV) 48-Cd-106

MAT 4825 MT= 52 (n, n') Level 48-Cd-106  
 Cross Section -80.59 To 12.08 %

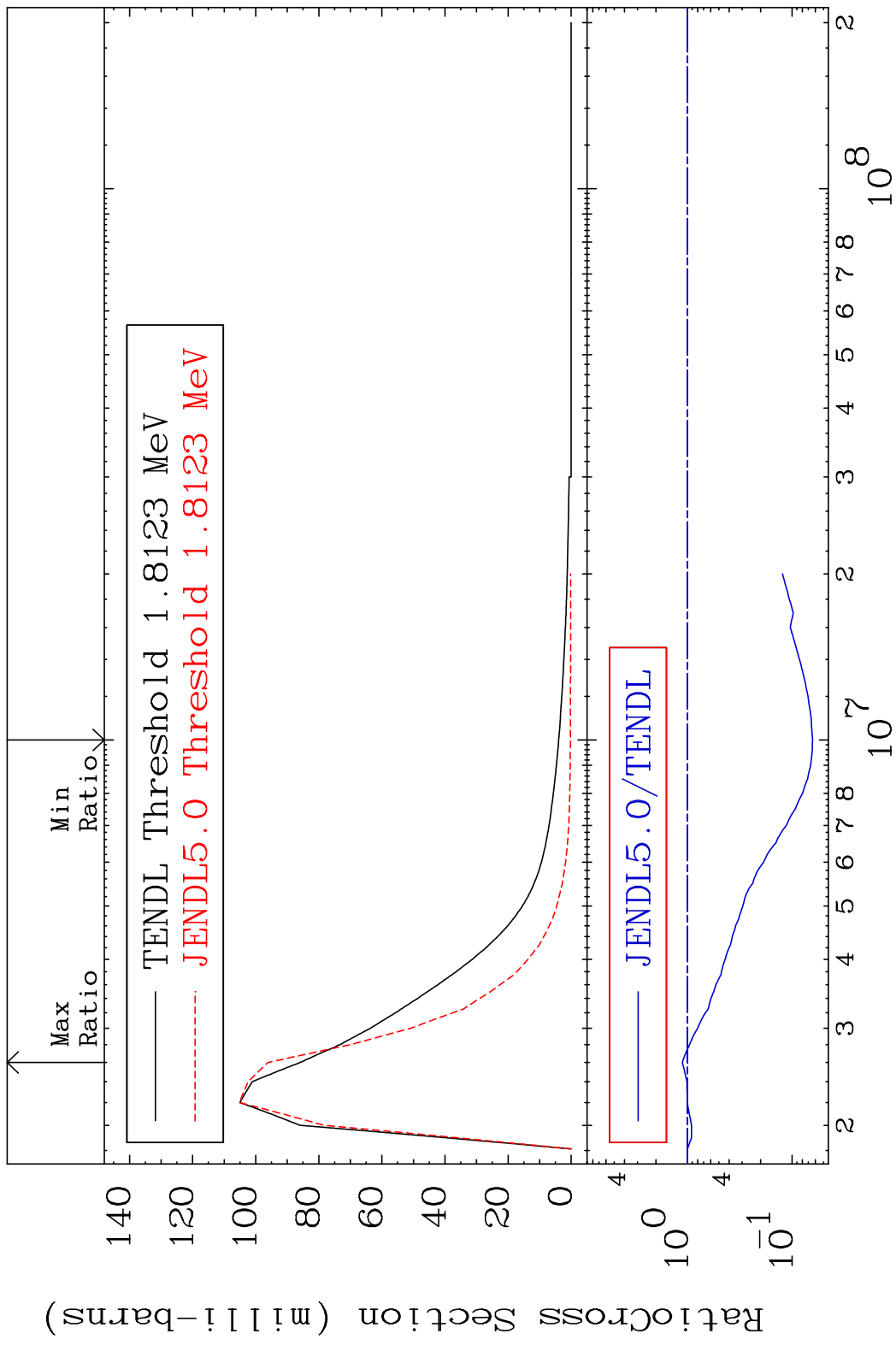


10 Incident Energy (eV) 48-Cd-106

MAT 4825 MT= 53 (n, n') Level 48-Cd-106  
 Cross Section -80.39 To 13.11 %

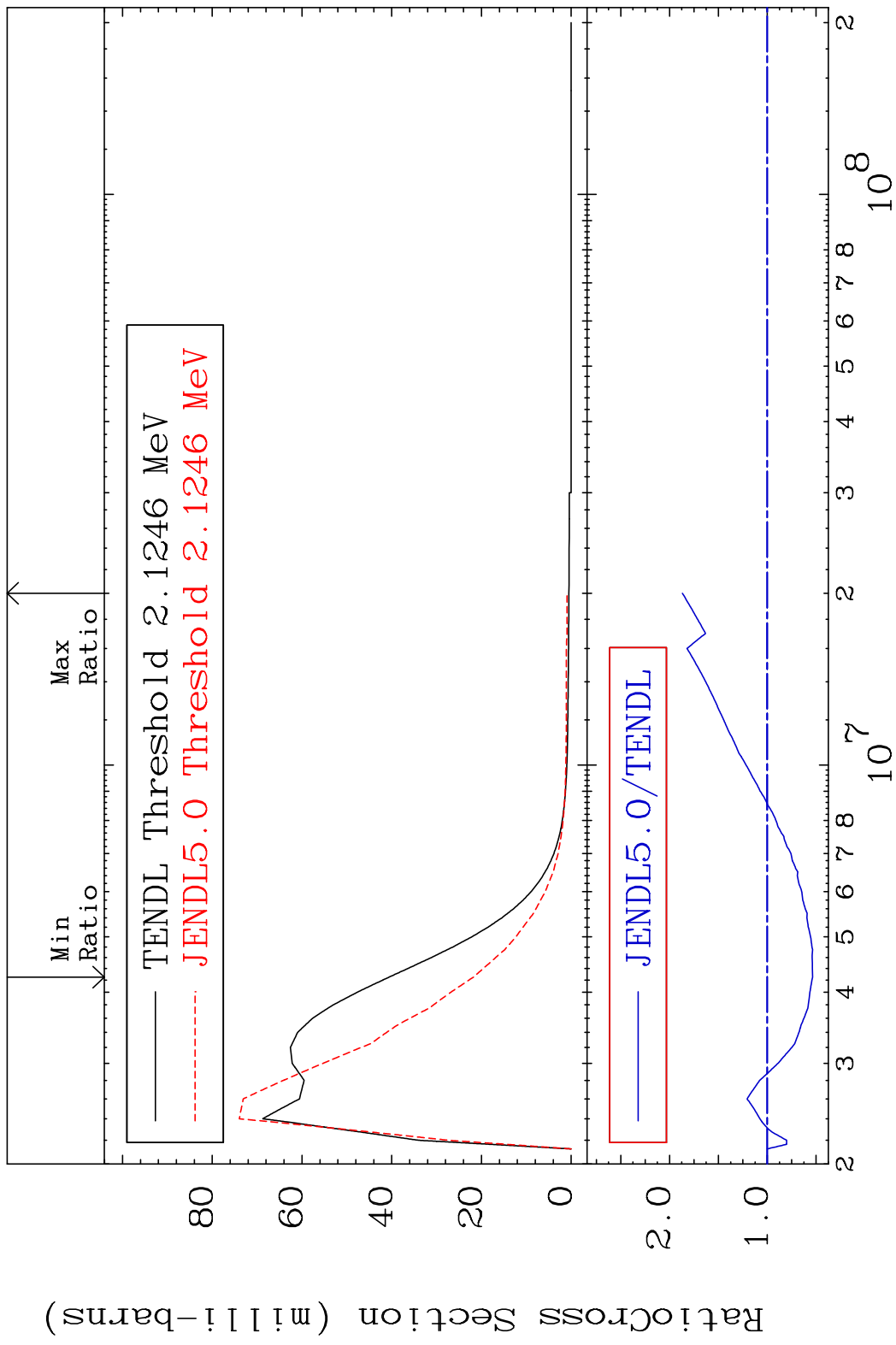


MAT 4825 MT= 54 (n,n') Level 48-Cd-106  
 Cross Section -93.62 To 11.81 %

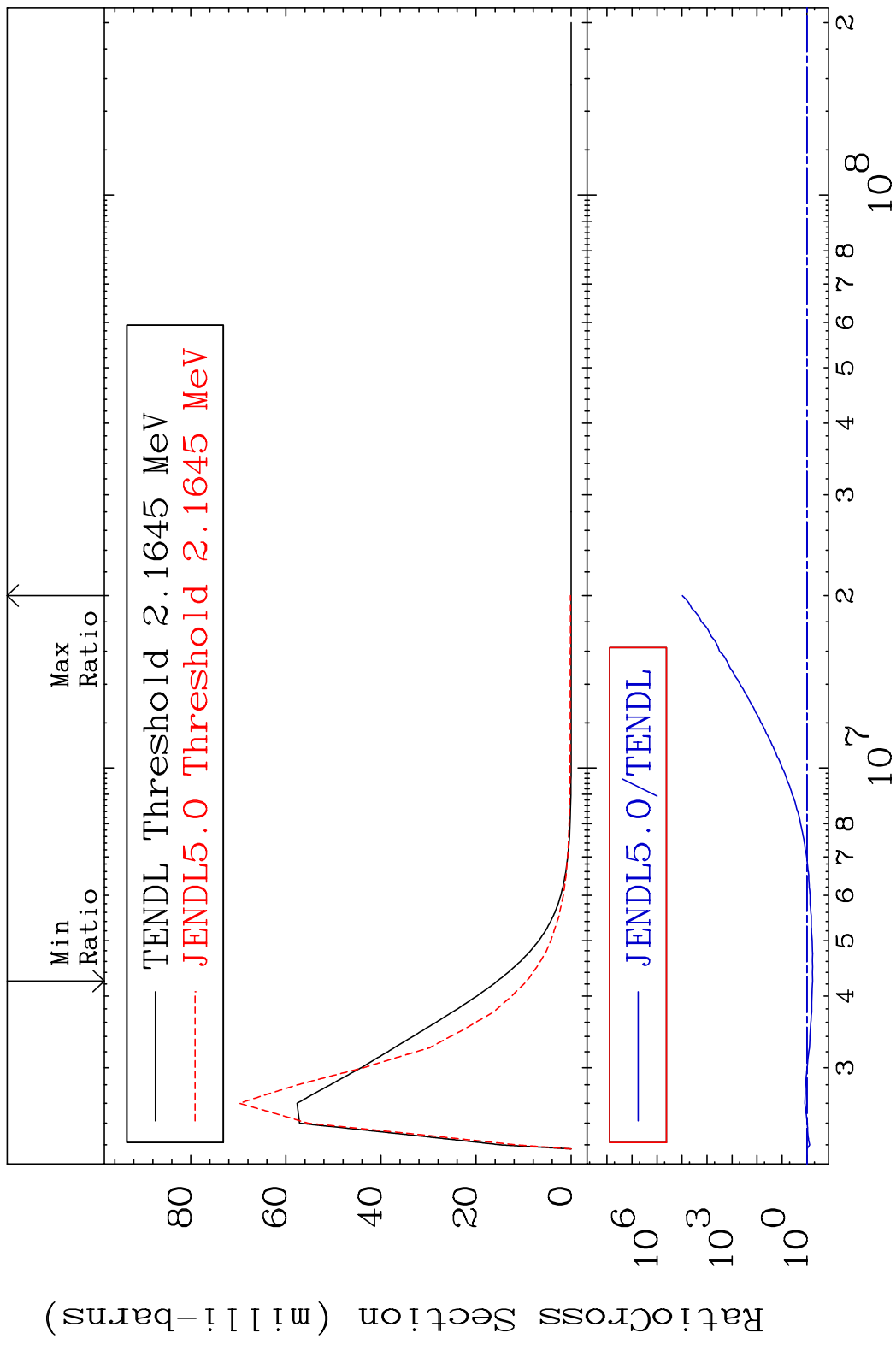


12 Incident Energy (eV) 48-Cd-106

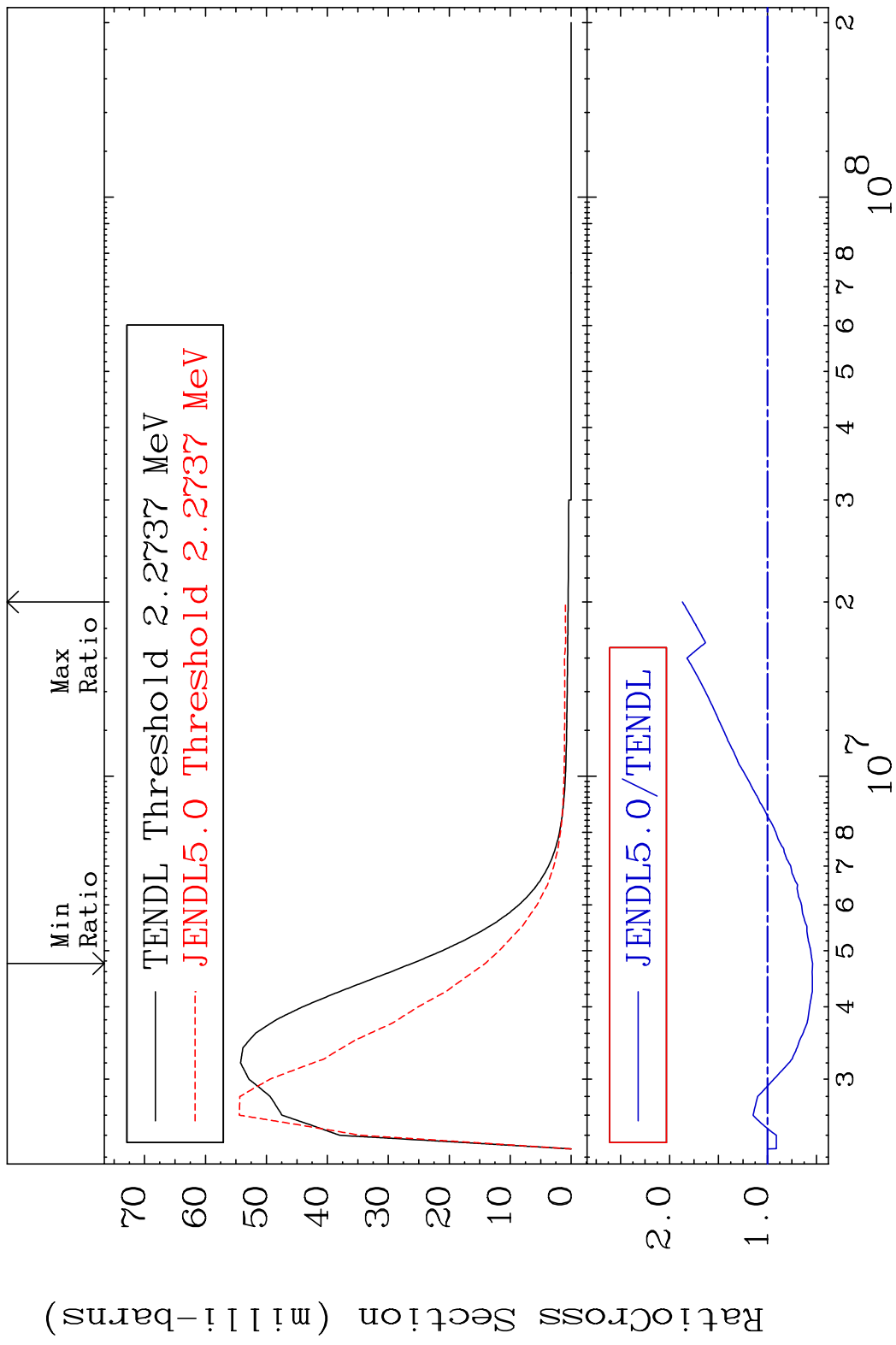
MAT 4825 MT= 55 (n, n') Level 48-Cd-106  
 Cross Section -46.40 To 86.94 %



MAT 4825 MT= 56 (n, n') Level 48-Cd-106  
 Cross Section -40.06 To 9999. %



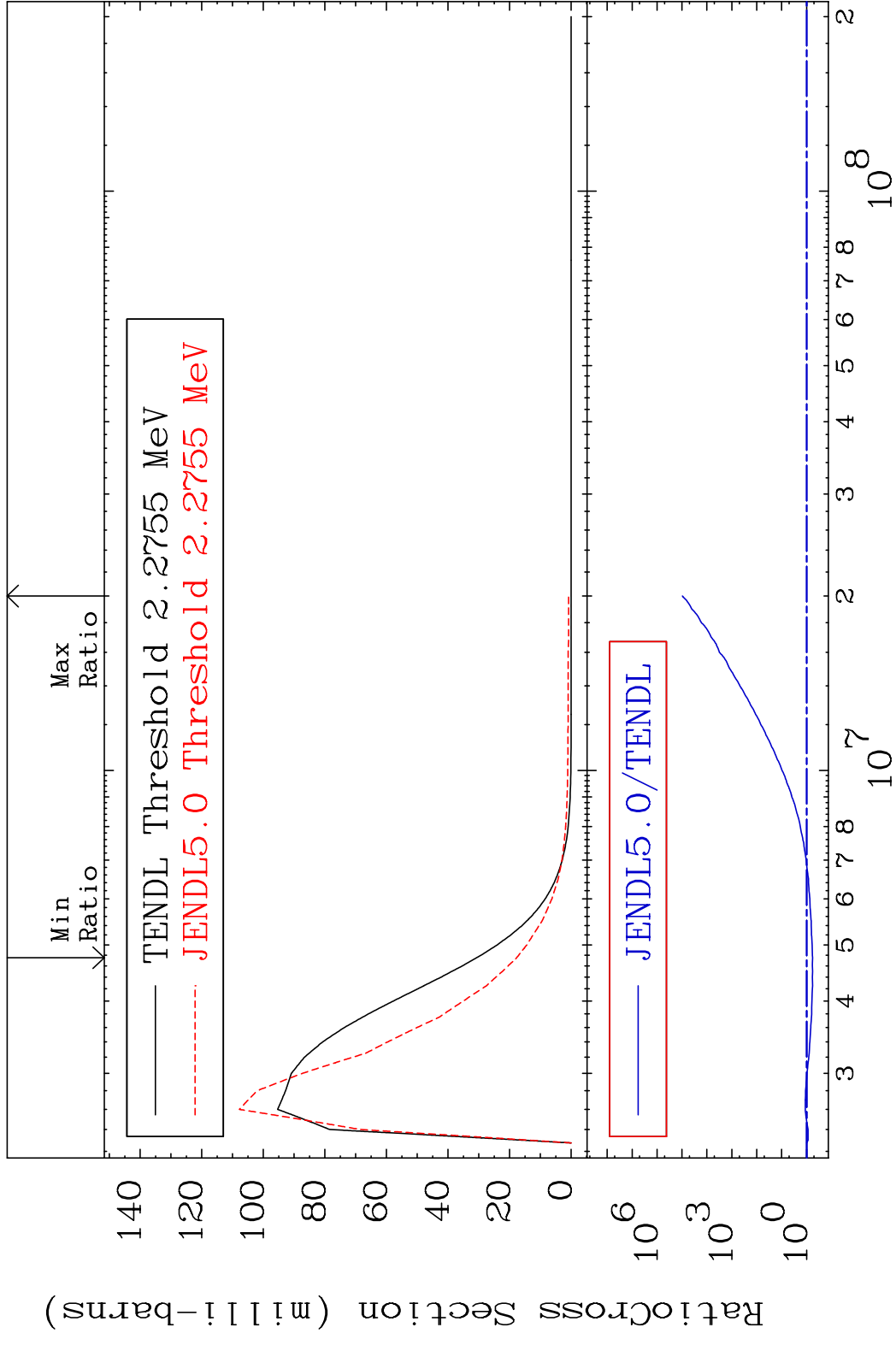
MAT 4825 MT= 57 (n, n') Level 48-Cd-106  
 Cross Section -46.06 To 86.90 %



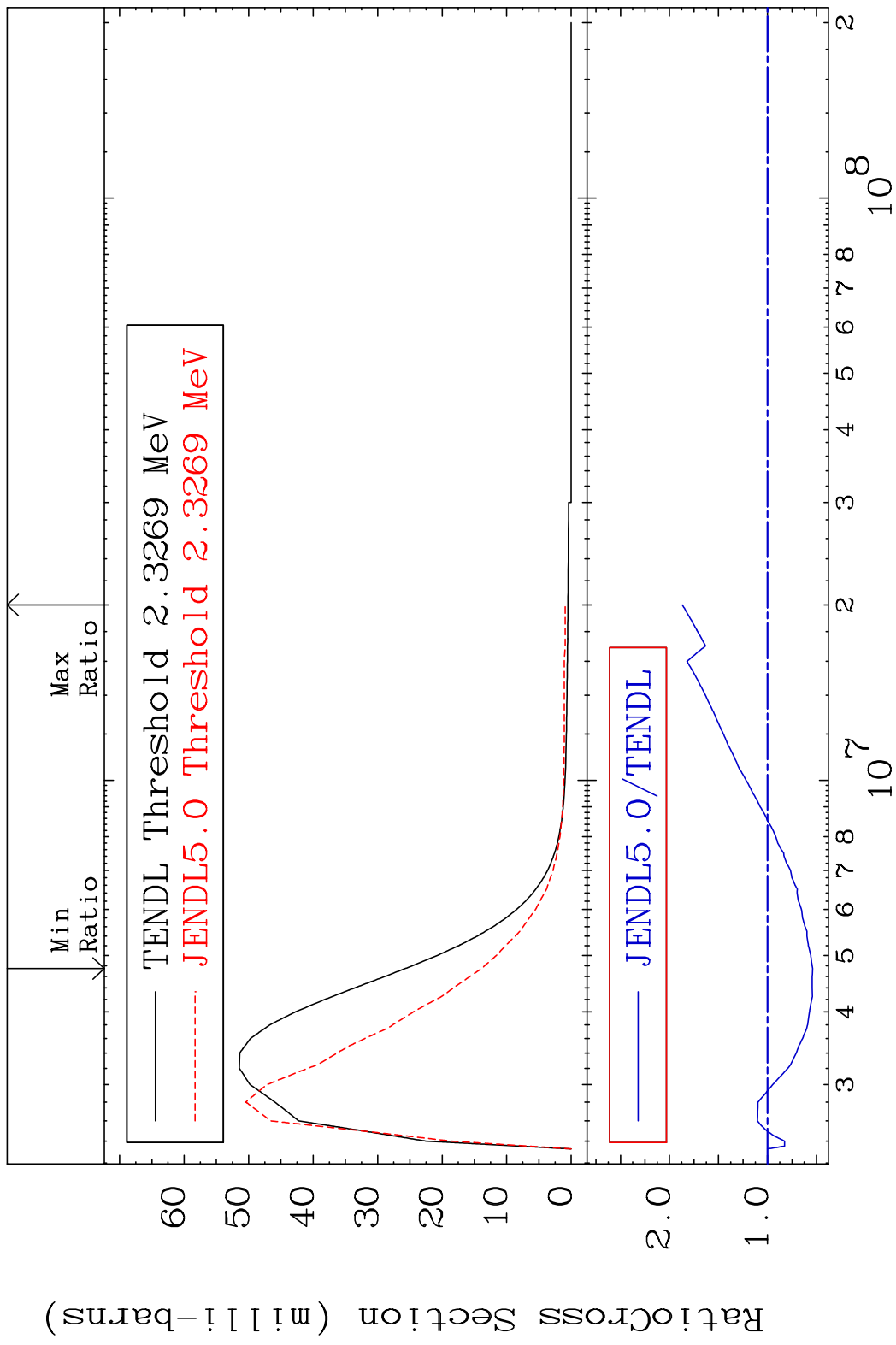
15 48-Cd-106



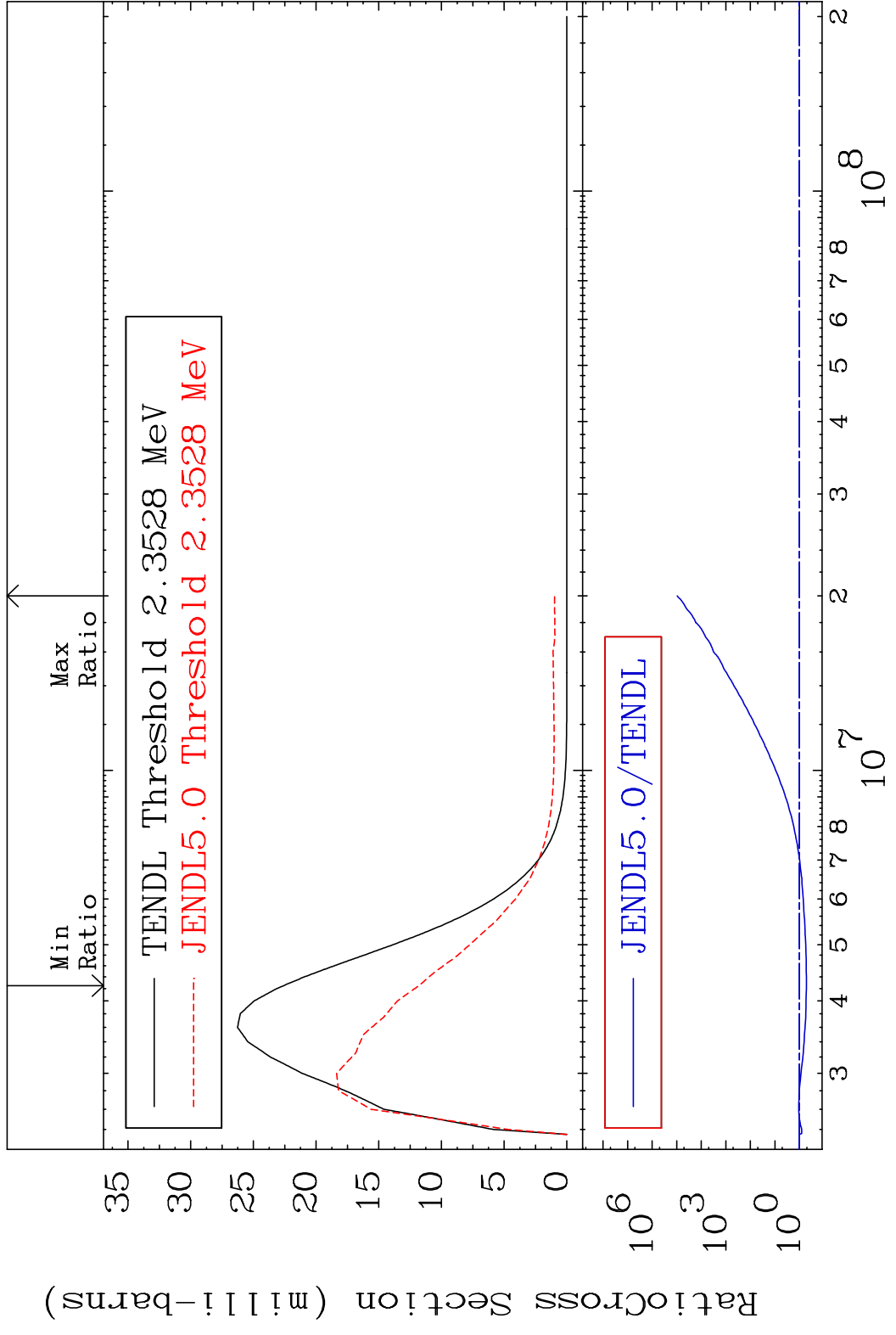
MAT 4825 MT= 58 (n, n') Level 48-Cd-106  
 Cross Section -42.50 To 9999. %



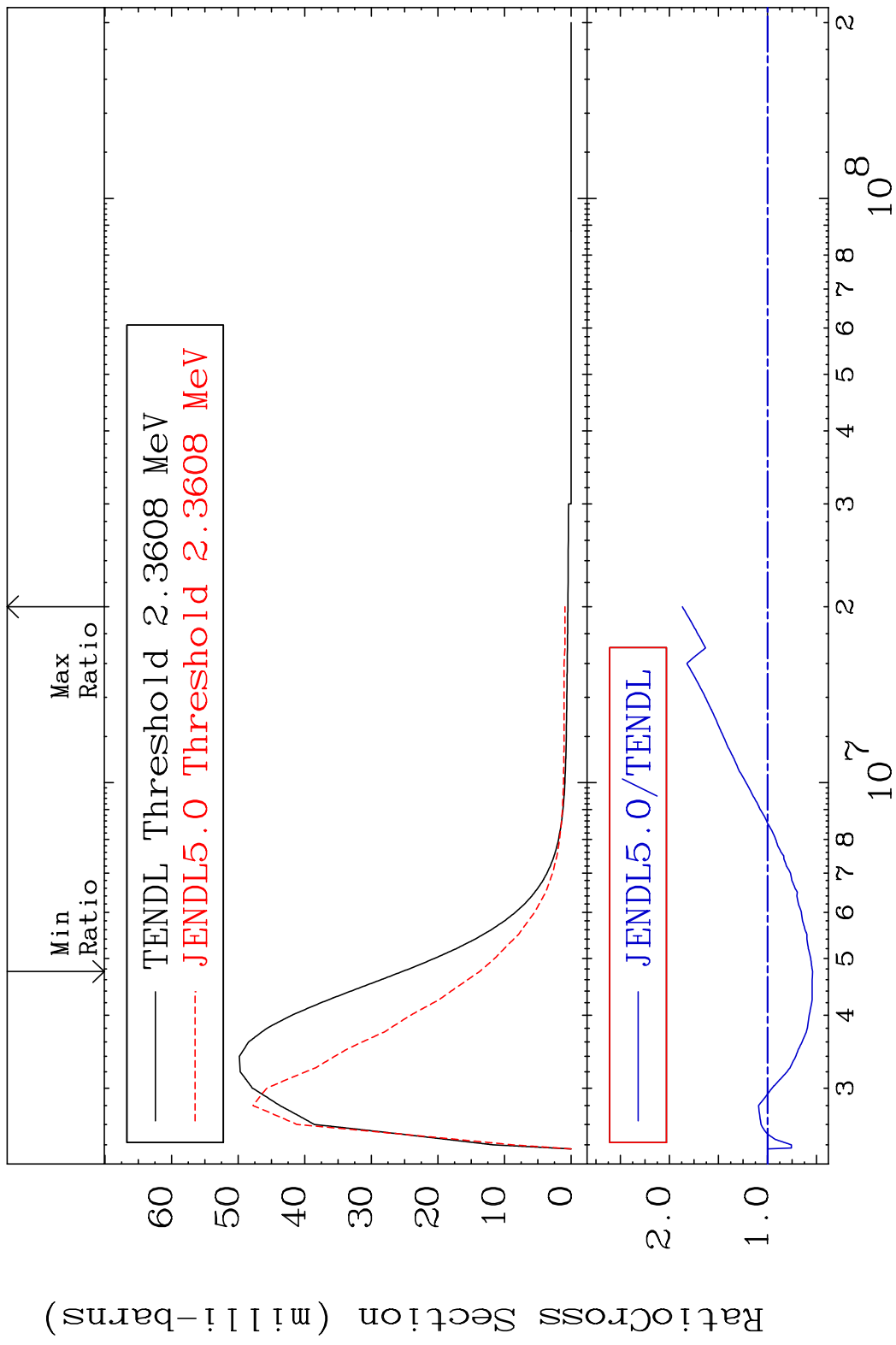
MAT 4825 MT= 59 (n, n') Level 48-Cd-106  
 Cross Section -45.96 To 86.88 %



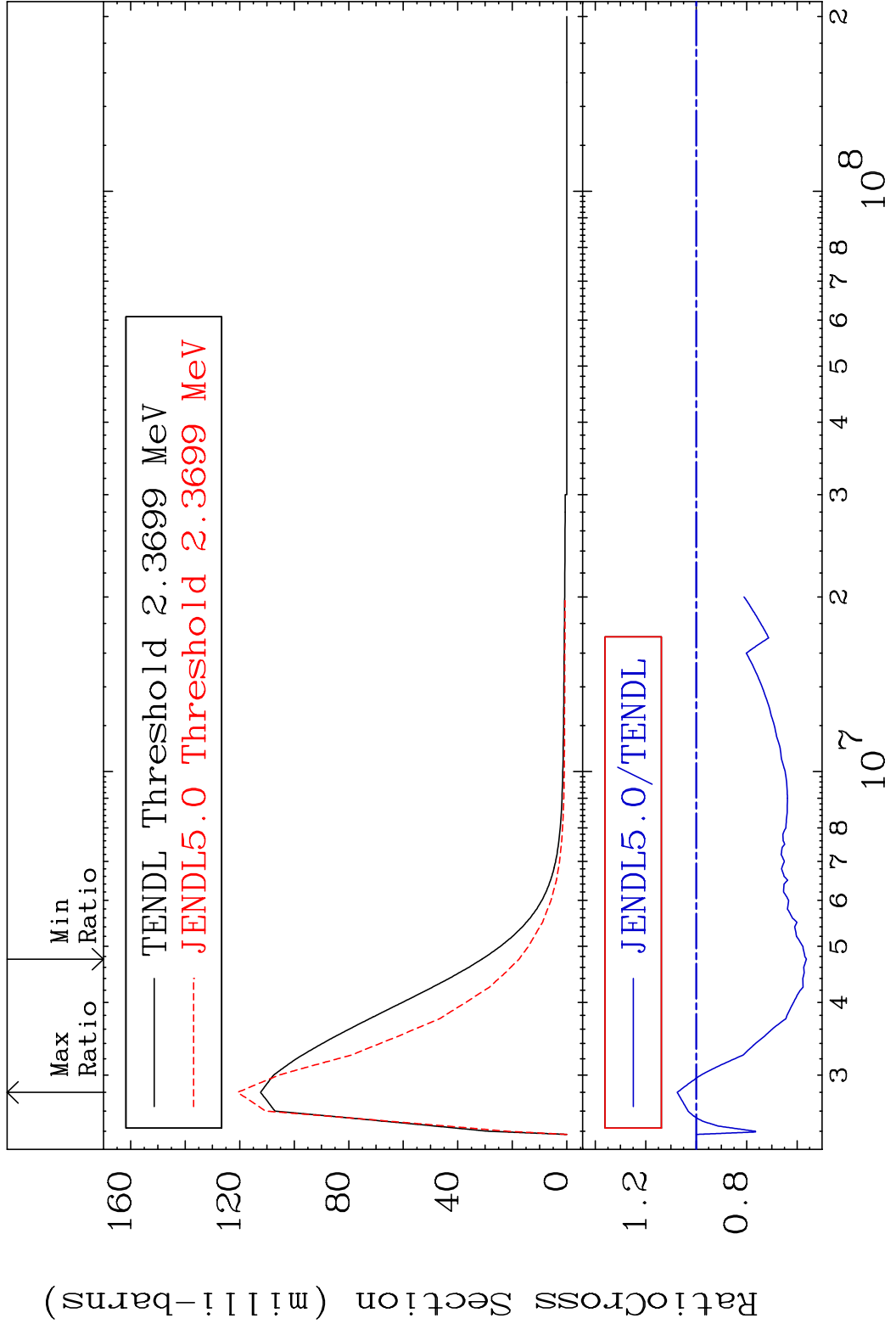
MAT 4825 MT= 60 (n,n') Level 48-Cd-106  
 Cross Section -47.81 To 9999. %



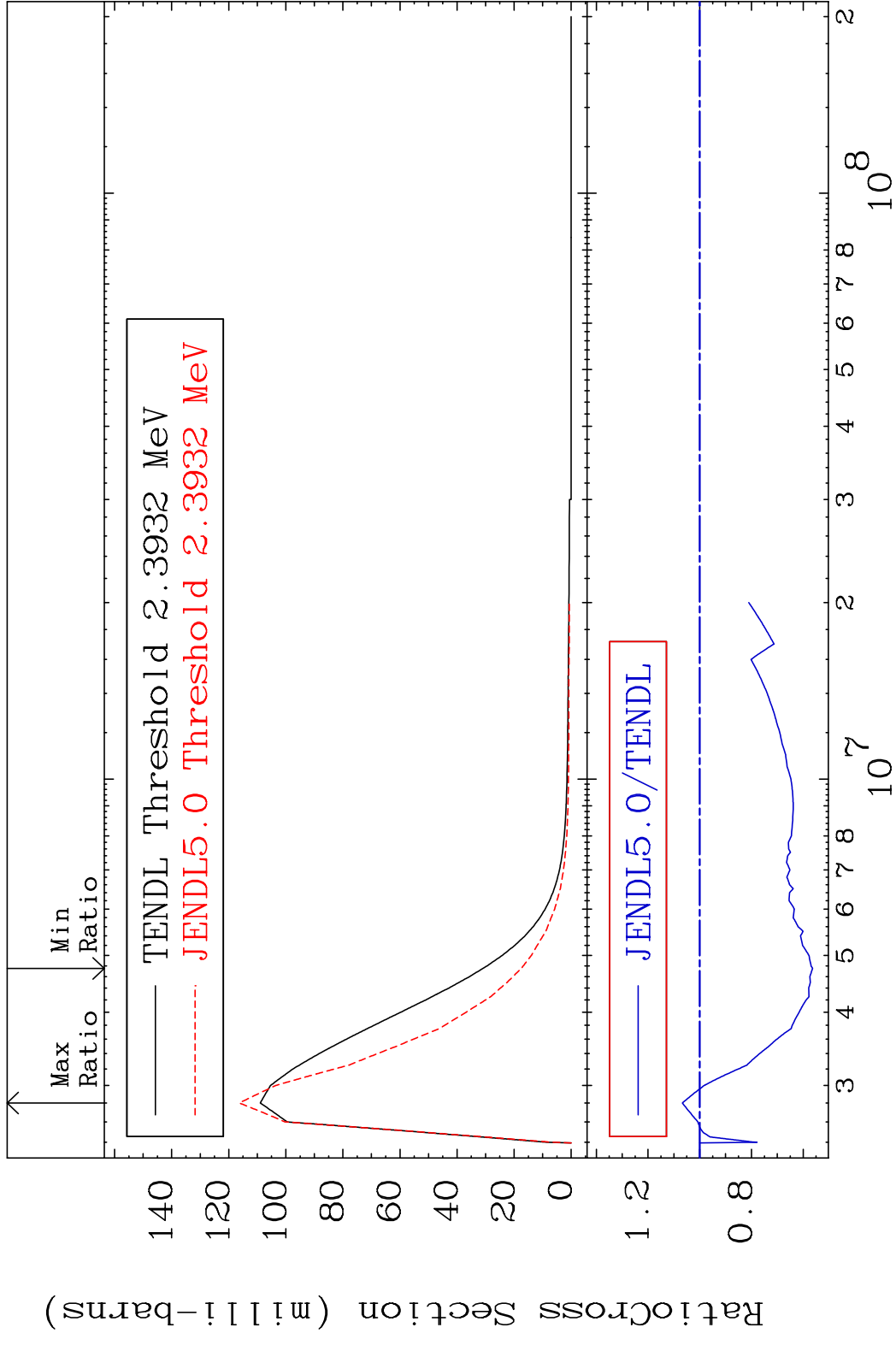
MAT 4825 MT= 61 (n, n') Level 48-Cd-106  
 Cross Section -45.89 To 86.88 %



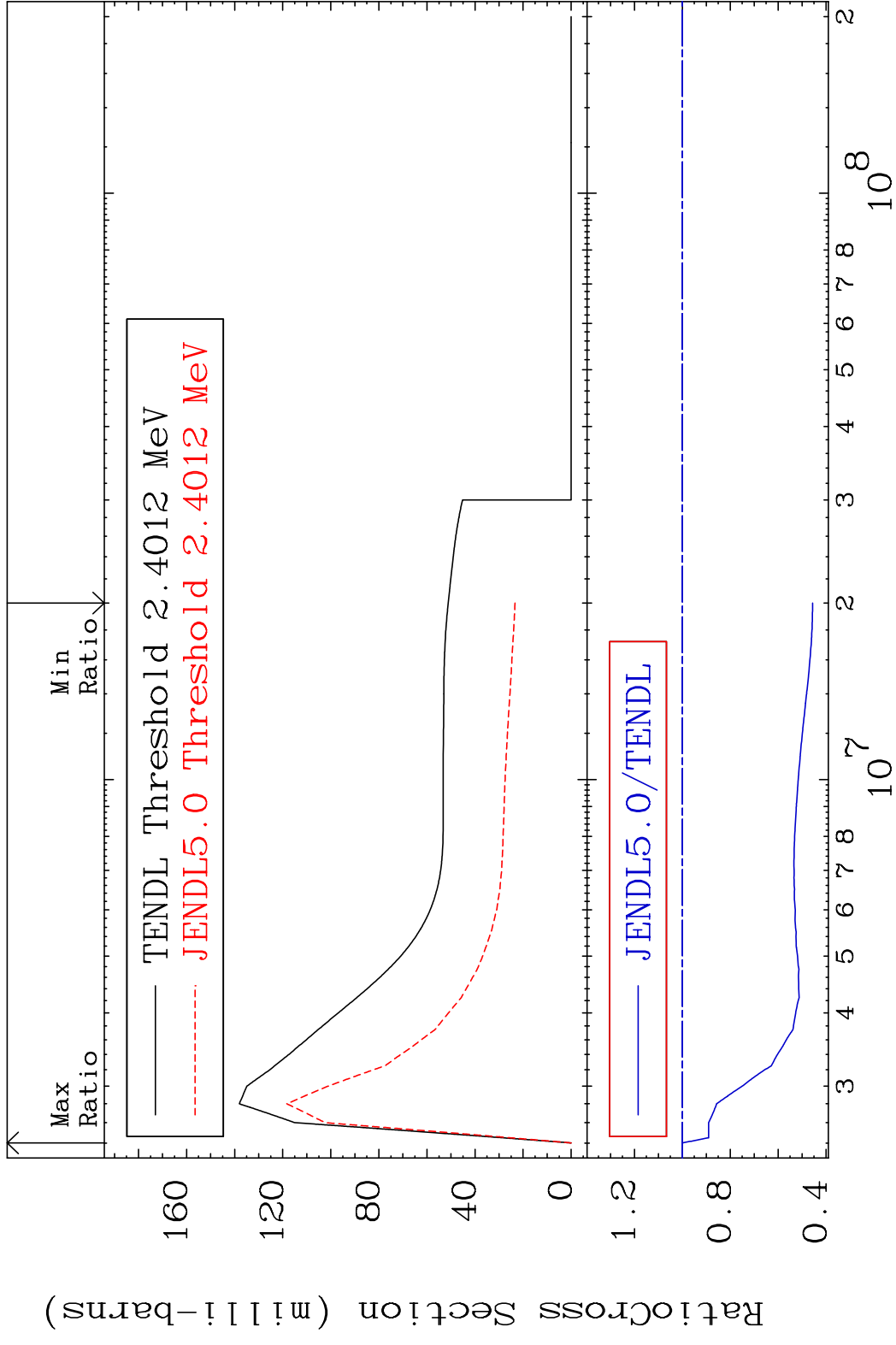
MAT 4825 MT= 62 (n,n') Level 48-Cd-106  
 Cross Section -43.70 To 7.528 %



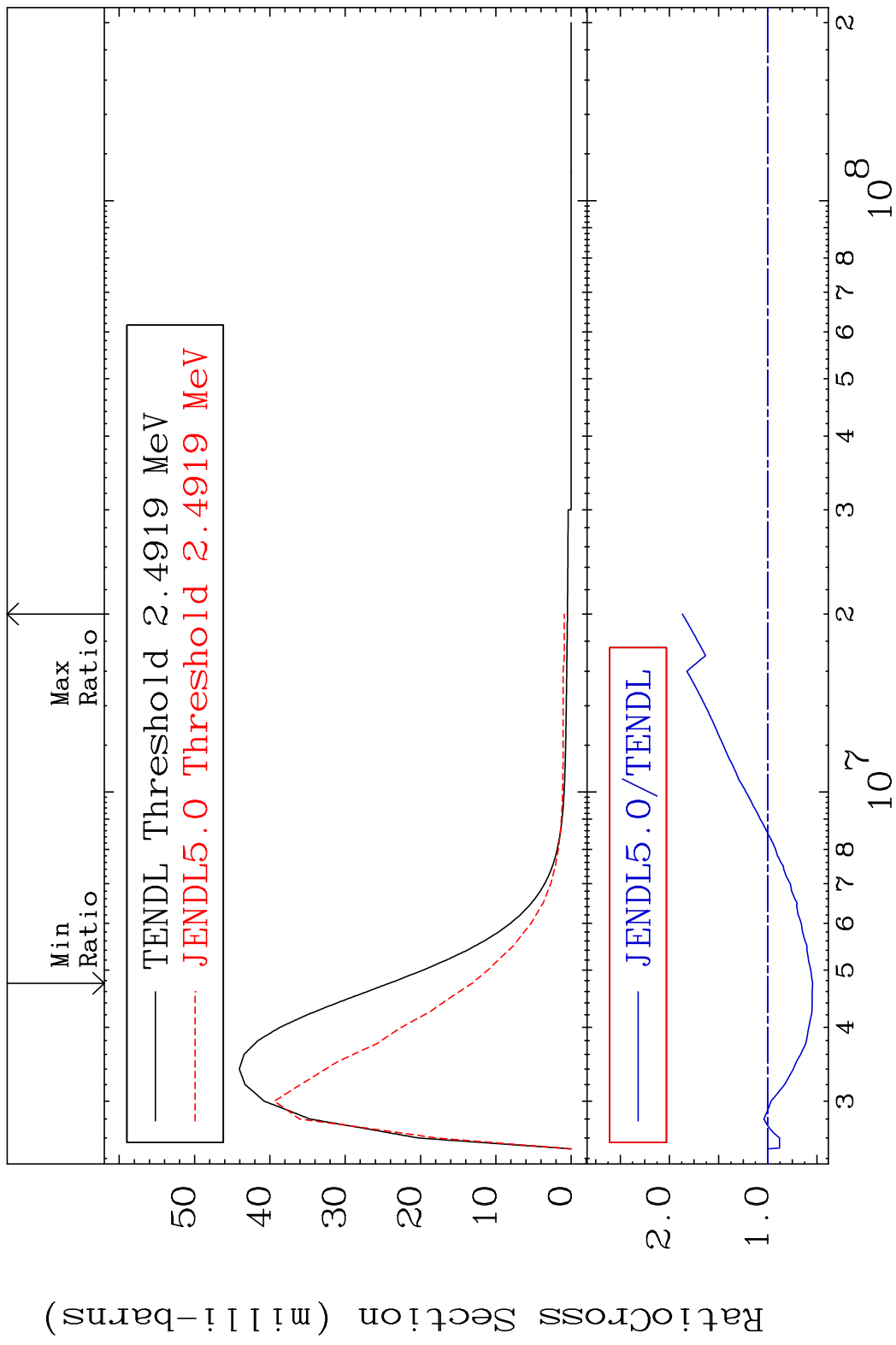
MAT 4825 MT= 63 (n,n') Level 48-Cd-106  
 Cross Section -43.62 To 6.724 %



MAT 4825 MT= 64 (n,n') Level 48-Cd-106  
 Cross Section -54.37 To 0.000 %

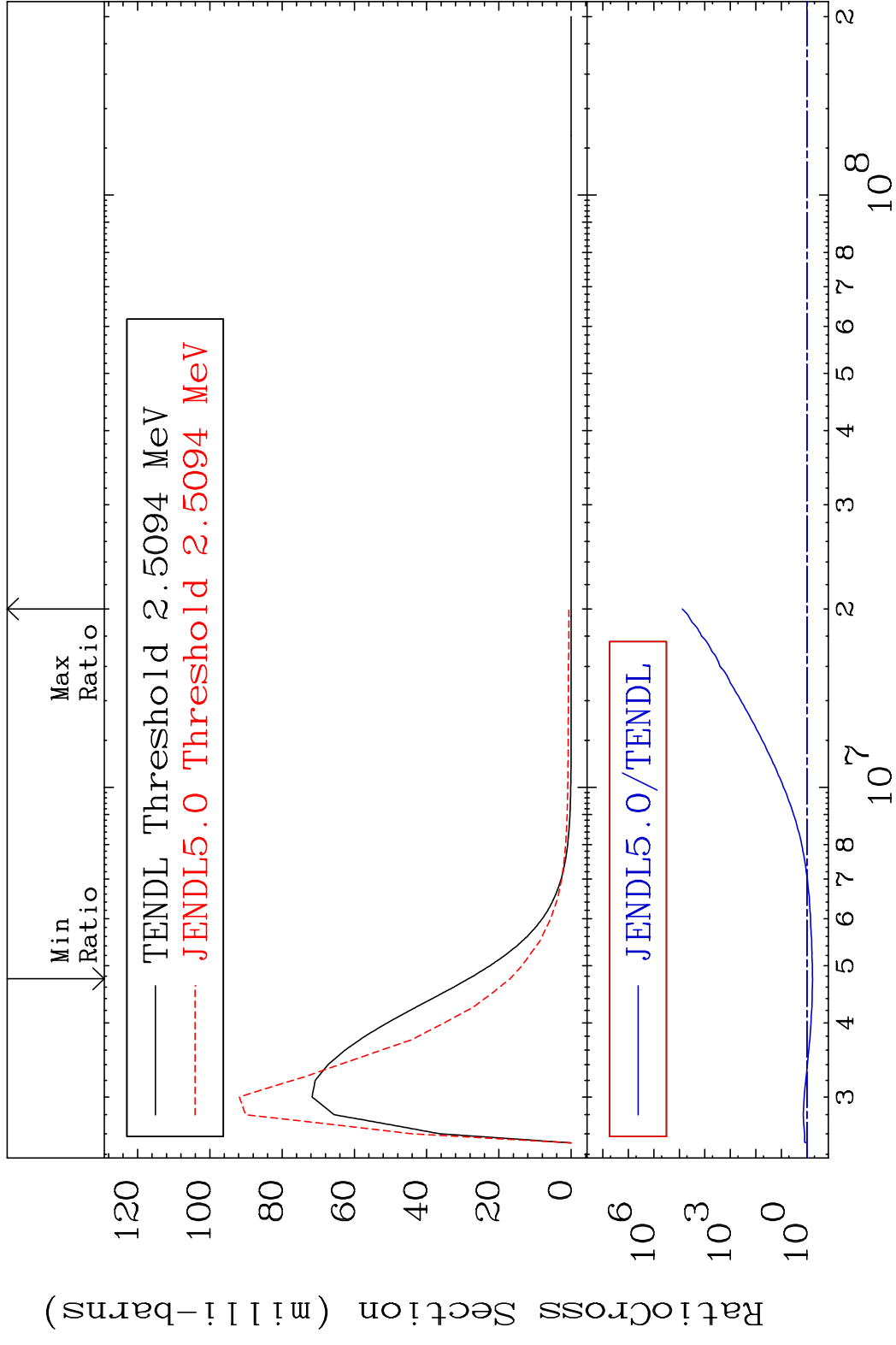


MAT 4825 MT= 65 (n, n') Level 48-Cd-106  
 Cross Section -45.55 To 86.86 %

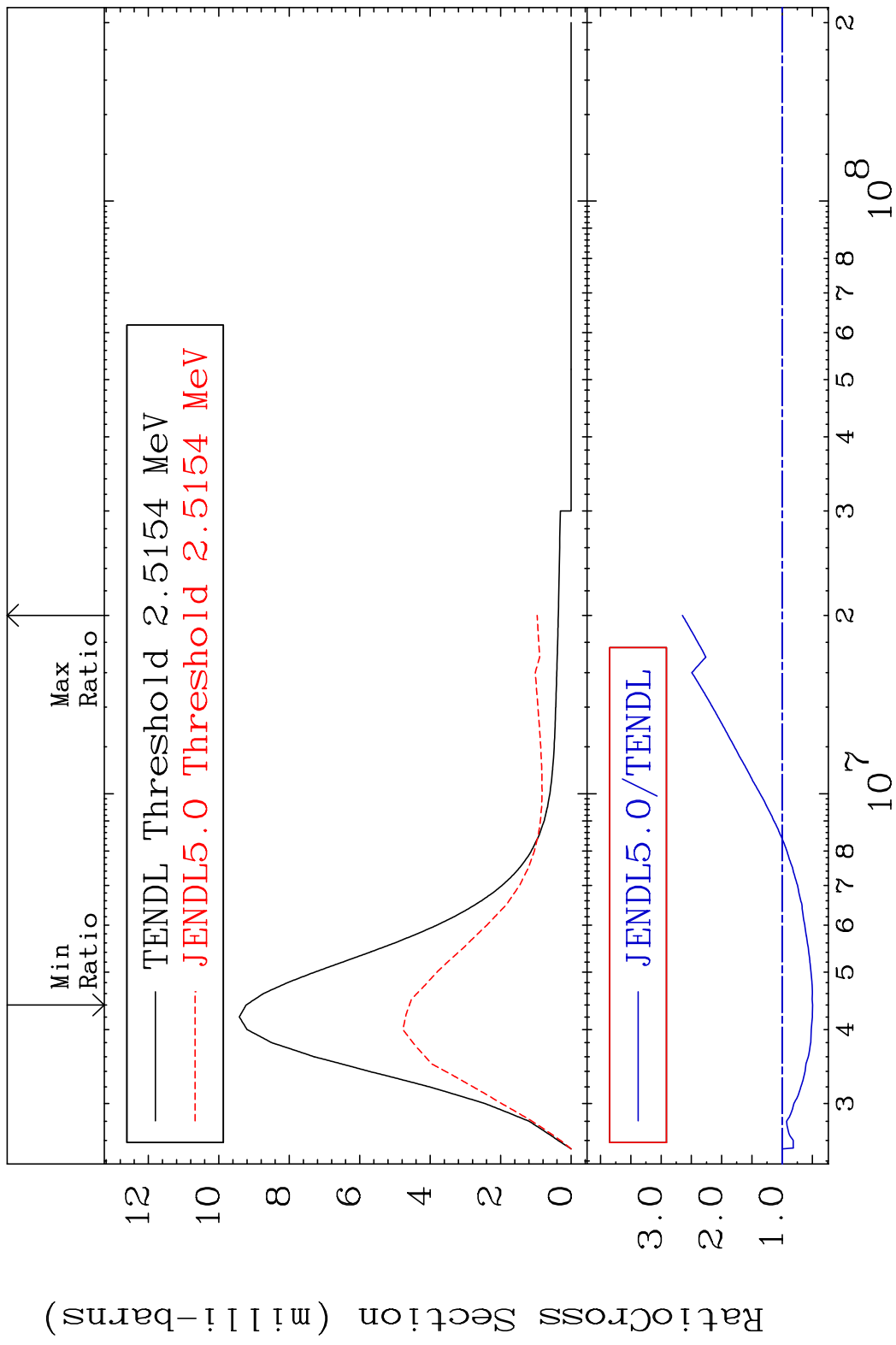




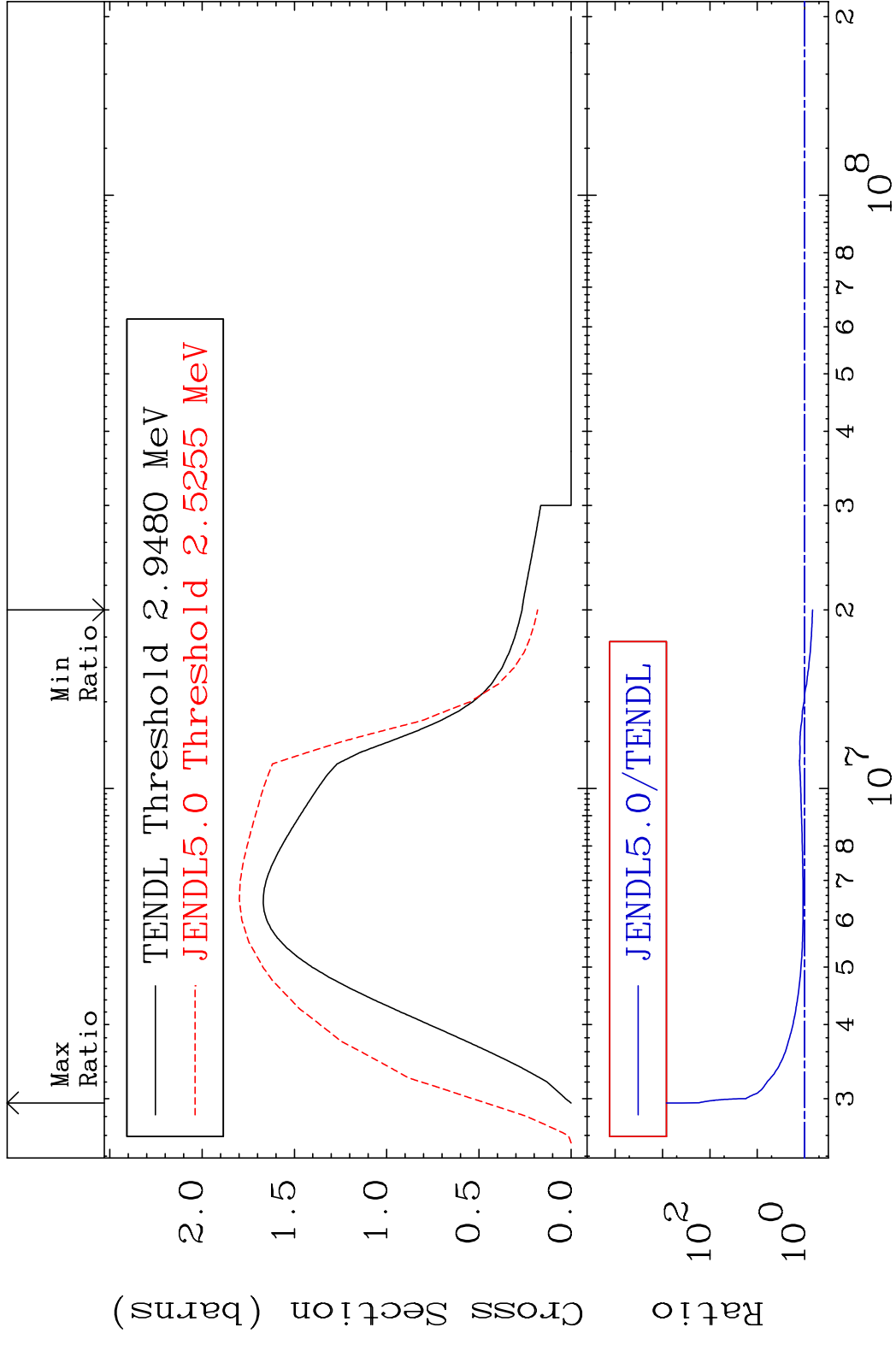
MAT 4825 MT= 66 (n,n') Level 48-Cd-106  
 Cross Section -40.49 To 9999. %



MAT 4825 MT= 67 (n, n') Level 48-Cd-106  
 Cross Section -50.22 To 164.9 %



MAT 4825 (n,n') Continuum 48-Cd-106  
 Cross Section -31.92 To 9999. %

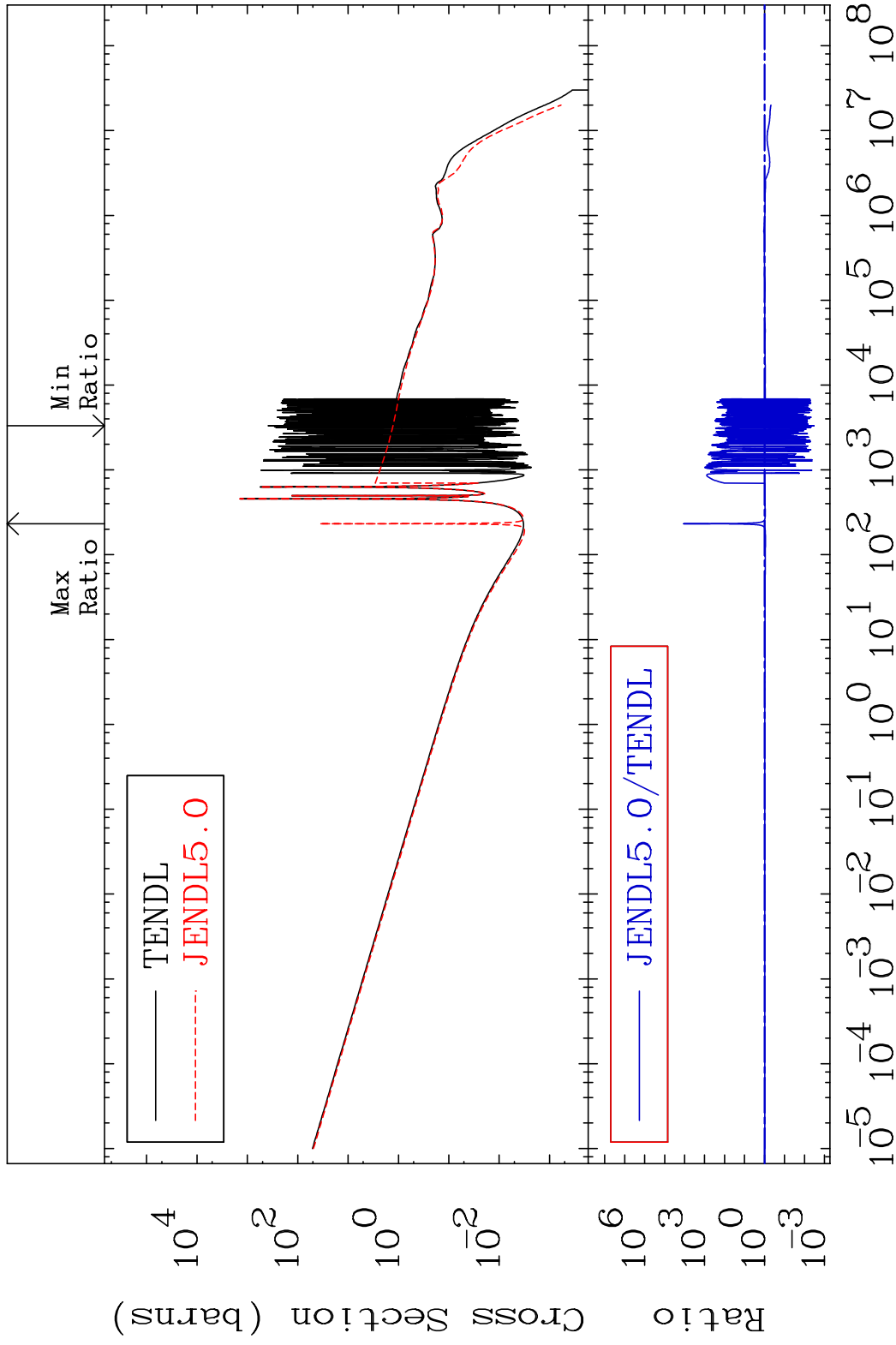


MAT 4825

(n,  $\gamma$ )

48-Cd-106

Cross Section -99.67 To 9999. %



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Incident Energy (eV)

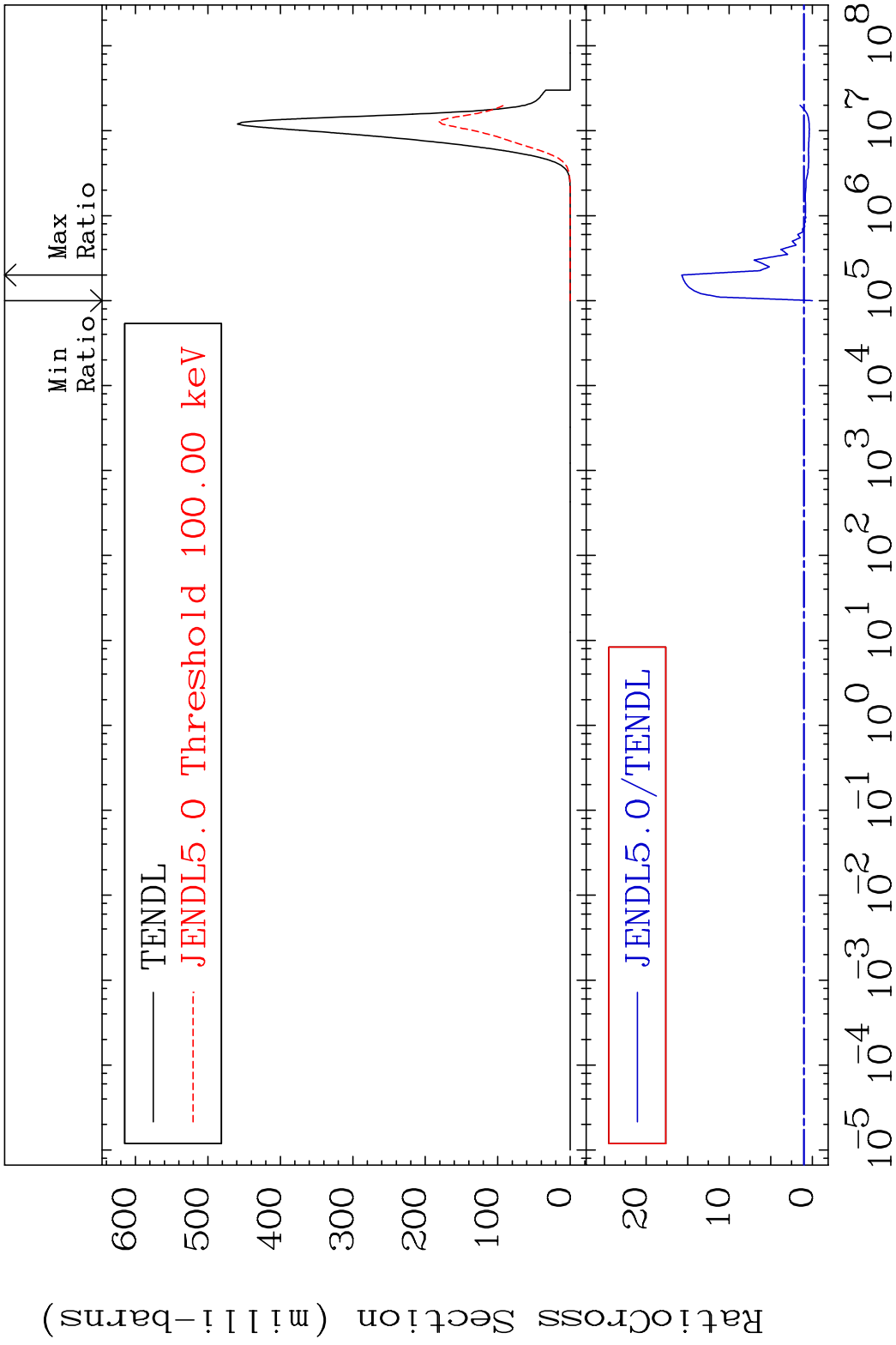
48-Cd-106

MAT 4825

(n, p)

48-Cd-106

Cross Section -100.0 To 1471. %



28

Incident Energy (eV)

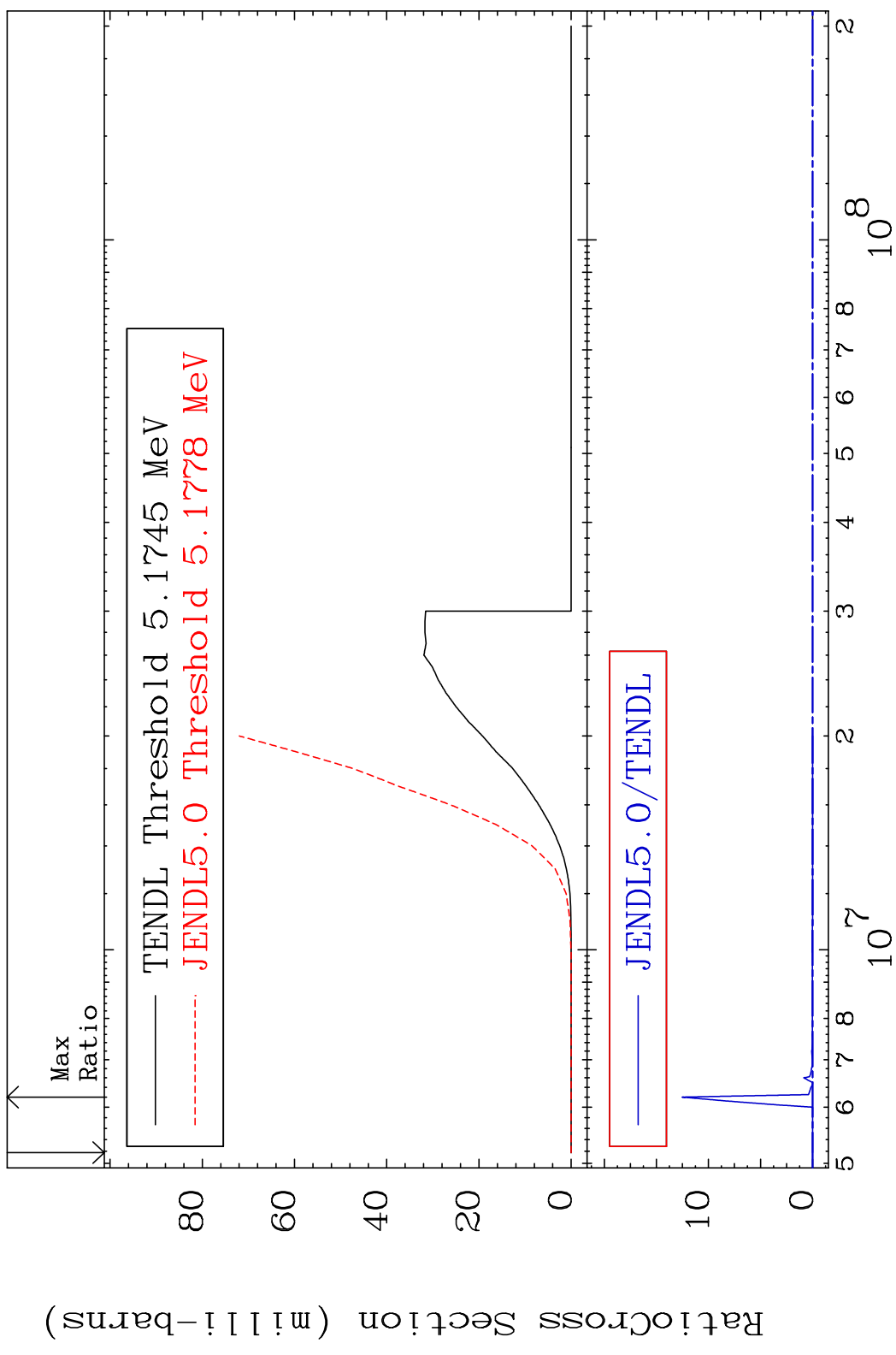
48-Cd-106

MAT 4825

(n,d)

48-Cd-106

Cross Section -100.0 To 9999. %

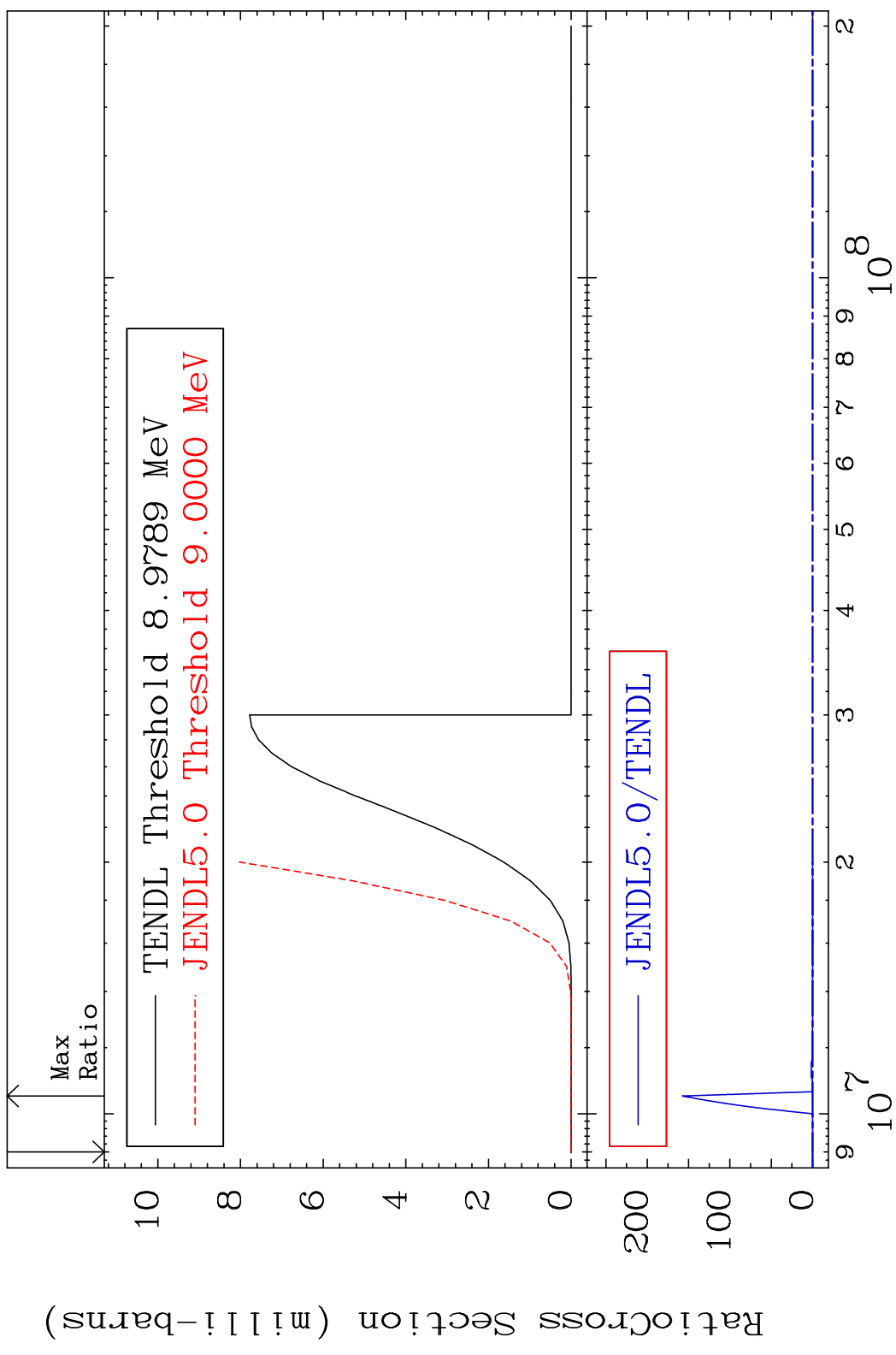


MAT 4825

(n, t)

48-Cd-106

Cross Section -100.0 To 9999. %

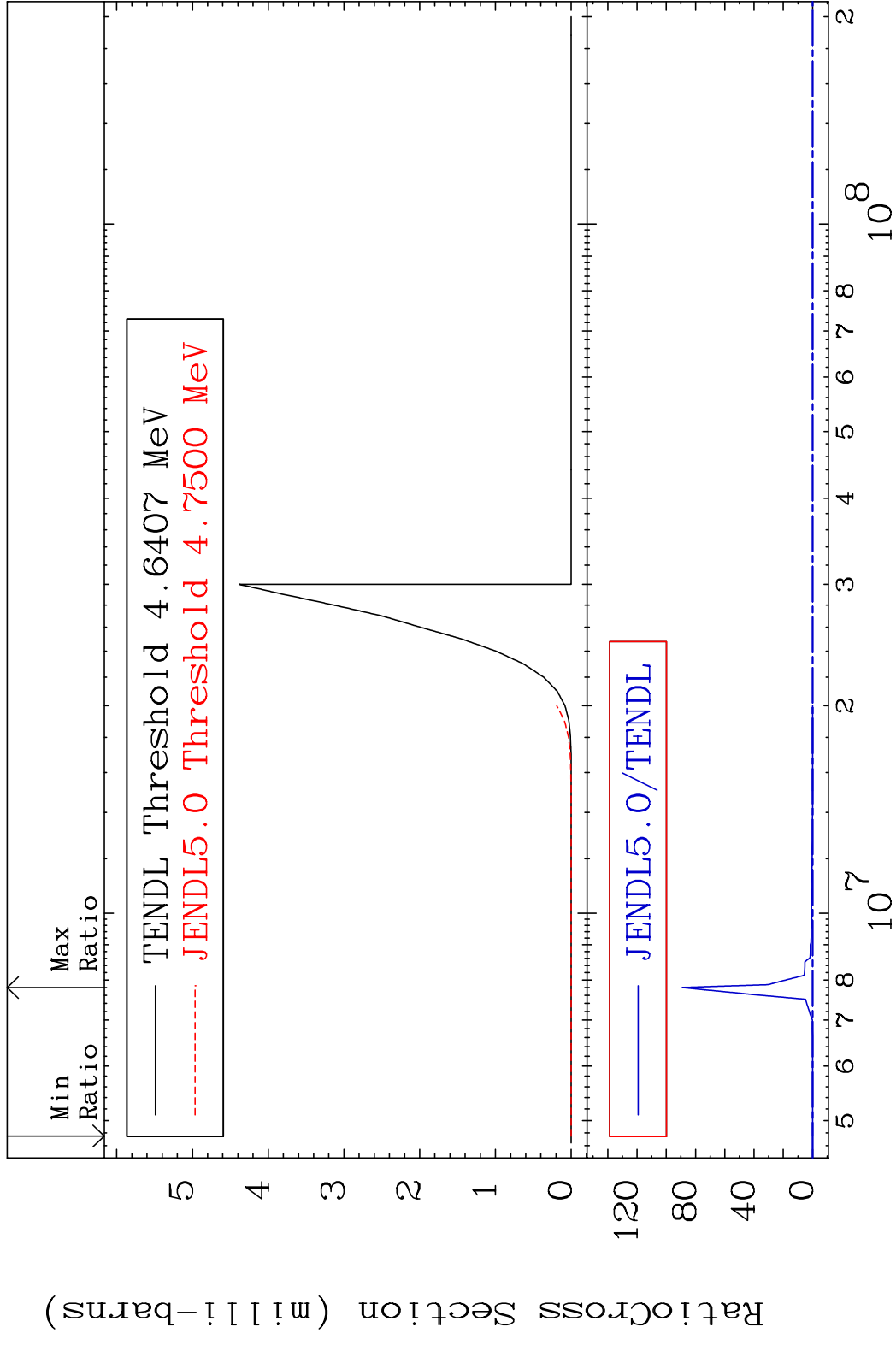


30

Incident Energy (eV)

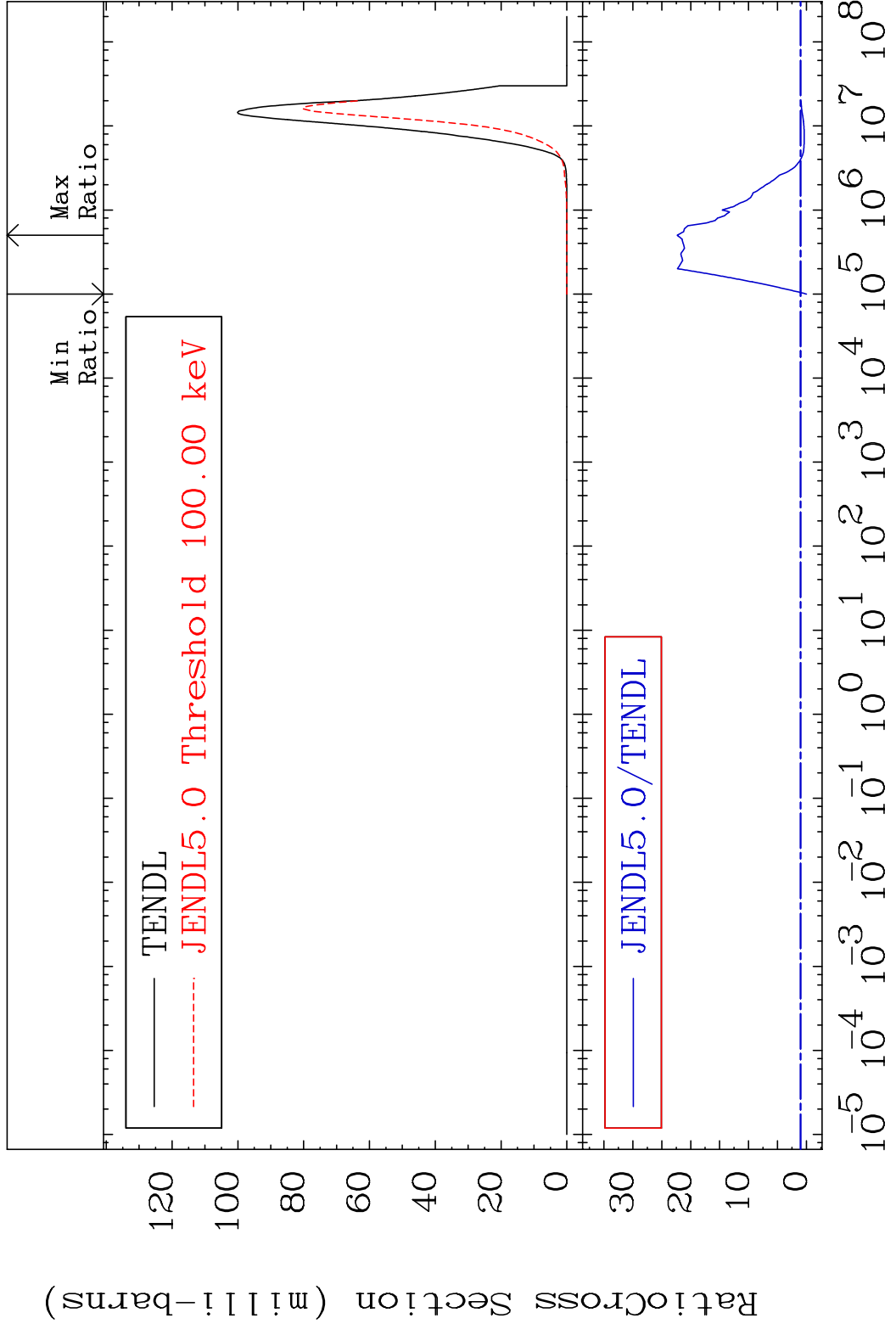
48-Cd-106

MAT 4825 (n, He-3) 48-Cd-106  
 Cross Section -100.0 To 9999. %



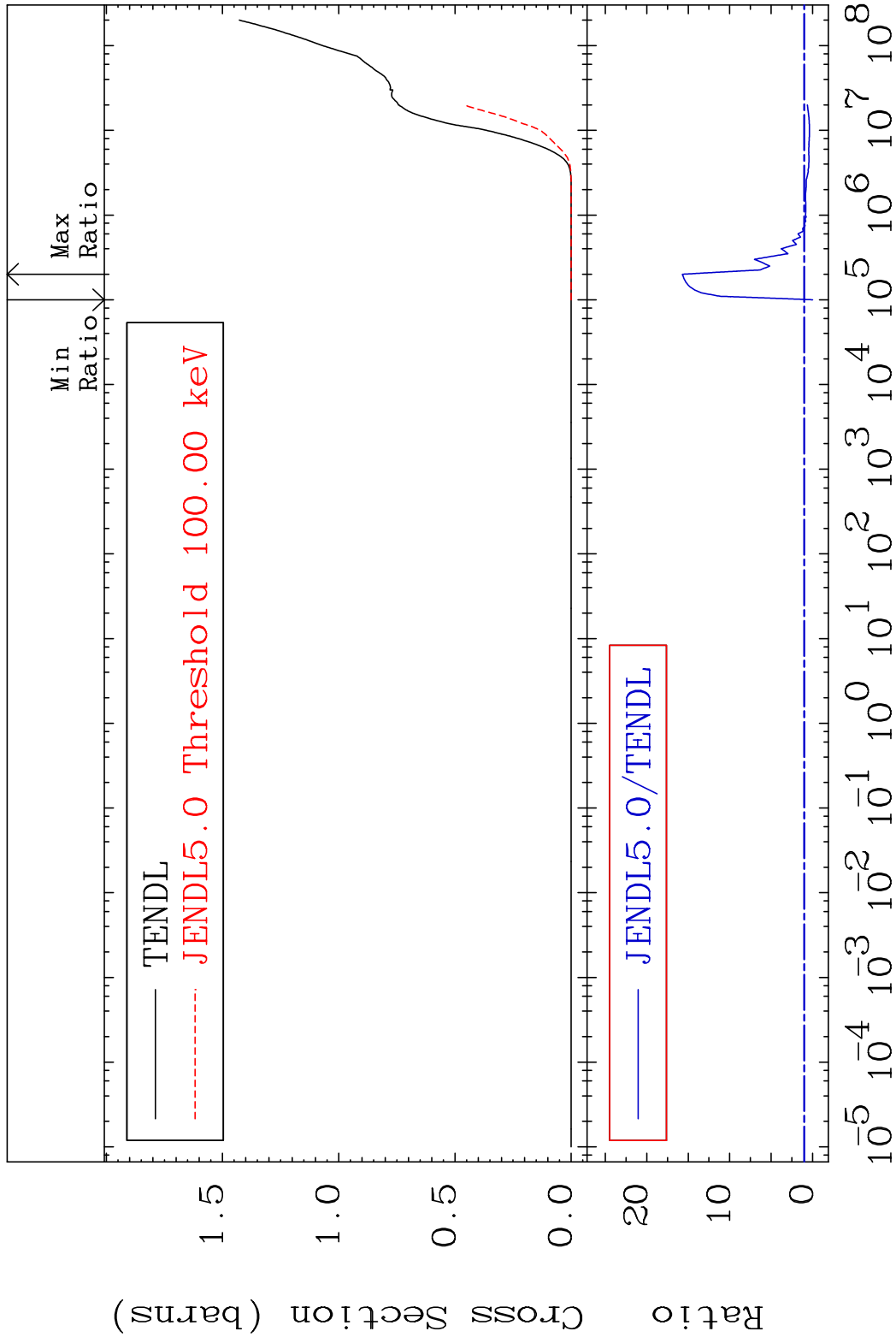


MAT 4825 (n,  $\alpha$ ) 48-Cd-106  
 Cross Section -100.0 To 2134. %



MAT 4825

Hydrogen Production 48-Cd-106  
Cross Section -100.0 To 1471. %

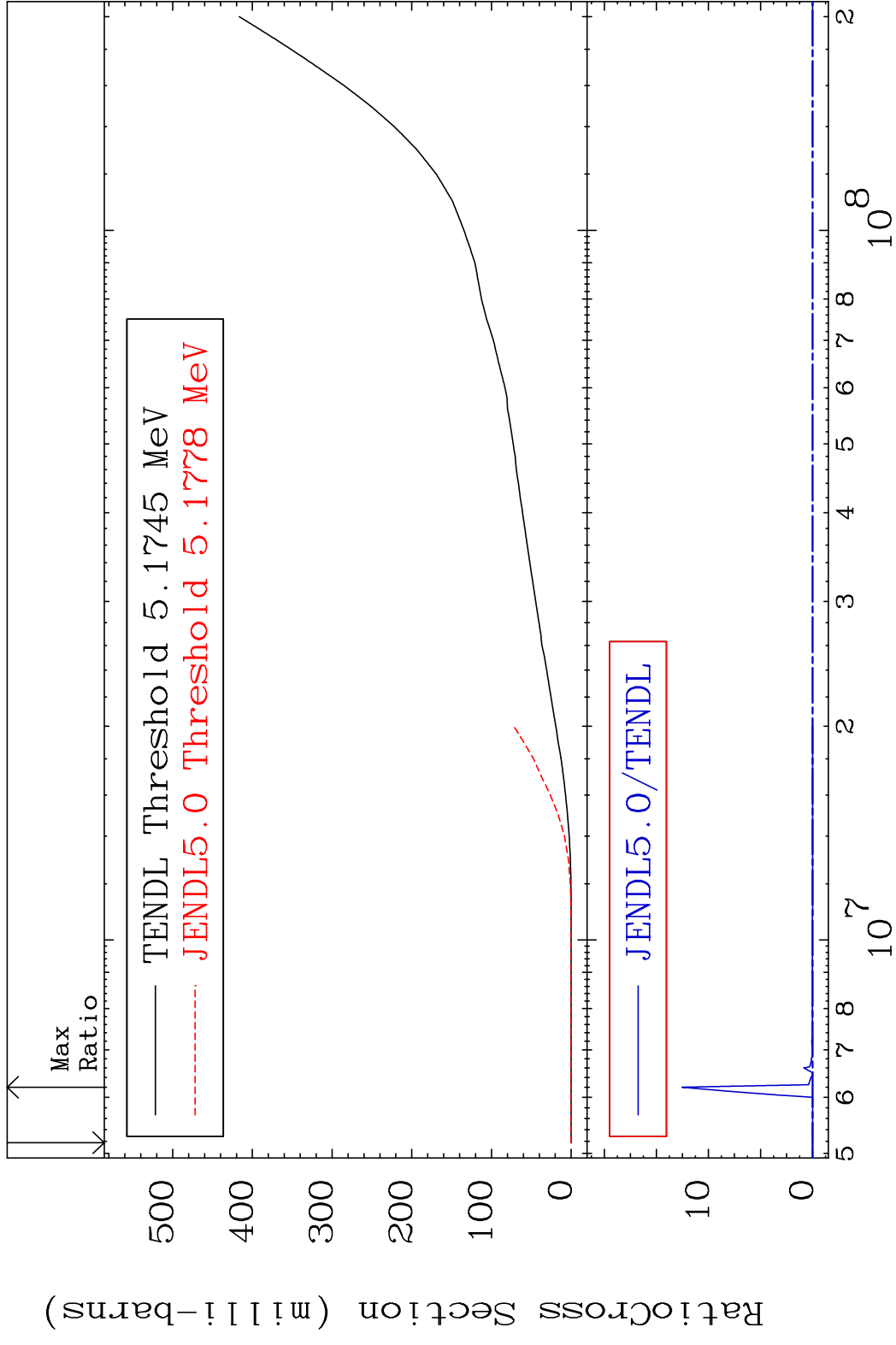


33

Incident Energy (eV)

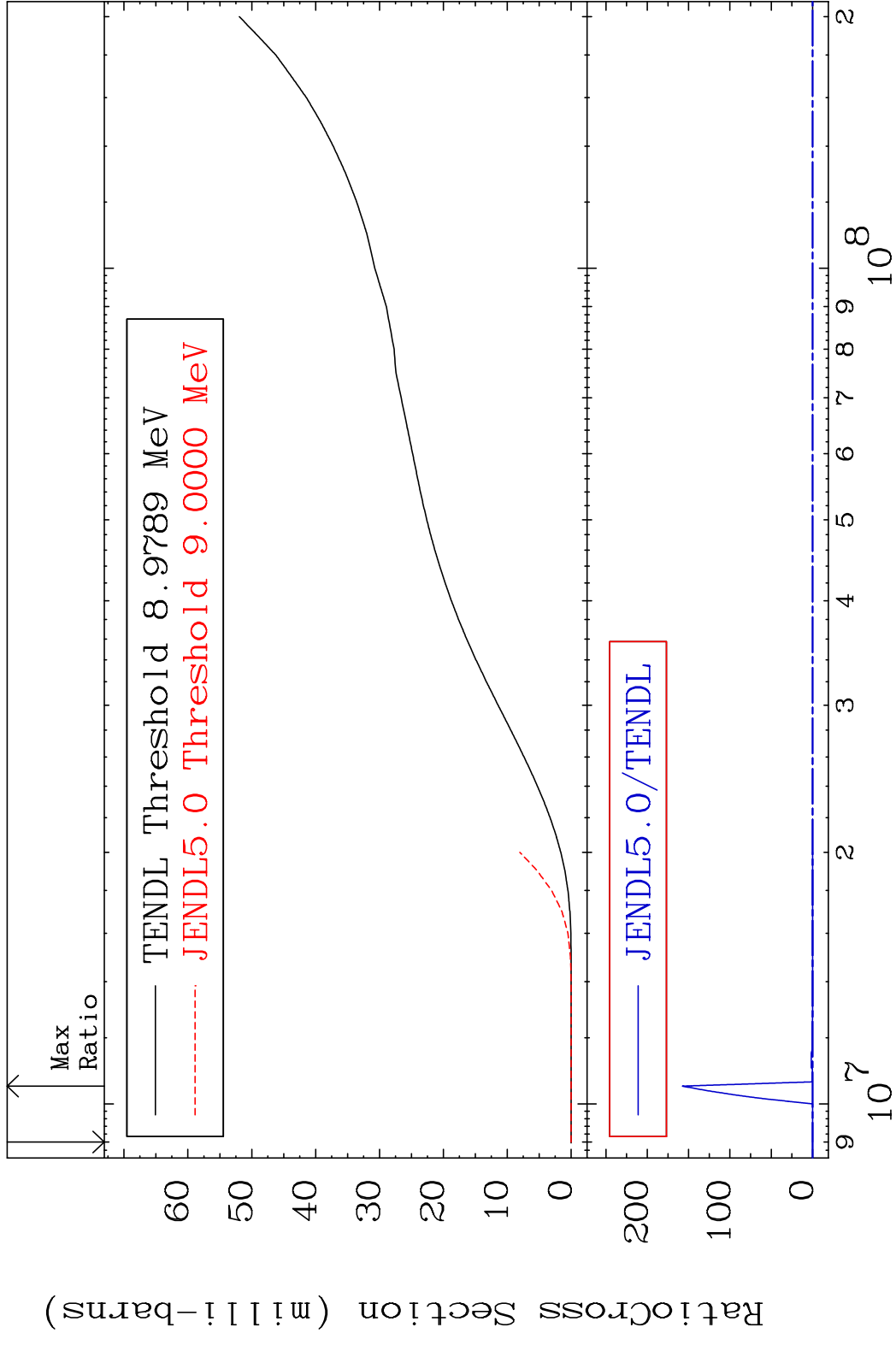
48-Cd-106

MAT 4825 Deuterium Production 48-Cd-106  
 Cross Section -100.0 To 9999. %



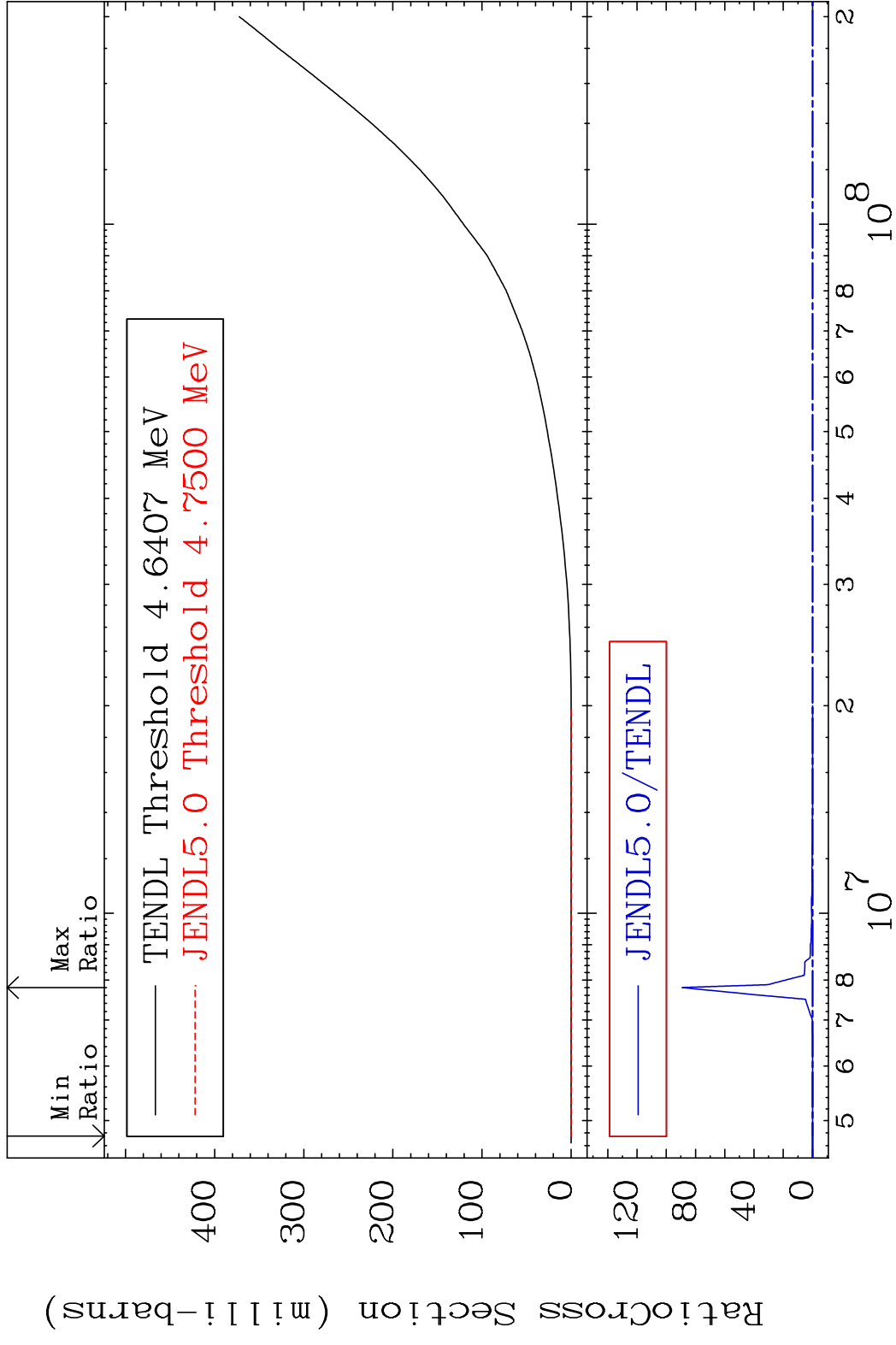
34 Incident Energy (eV) 48-Cd-106

MAT 4825 Tritium Production 48-Cd-106  
 Cross Section -100.0 To 9999. %



35 48-Cd-106

MAT 4825 He-3 Production 48-Cd-106  
 Cross Section -100.0 To 9999. %

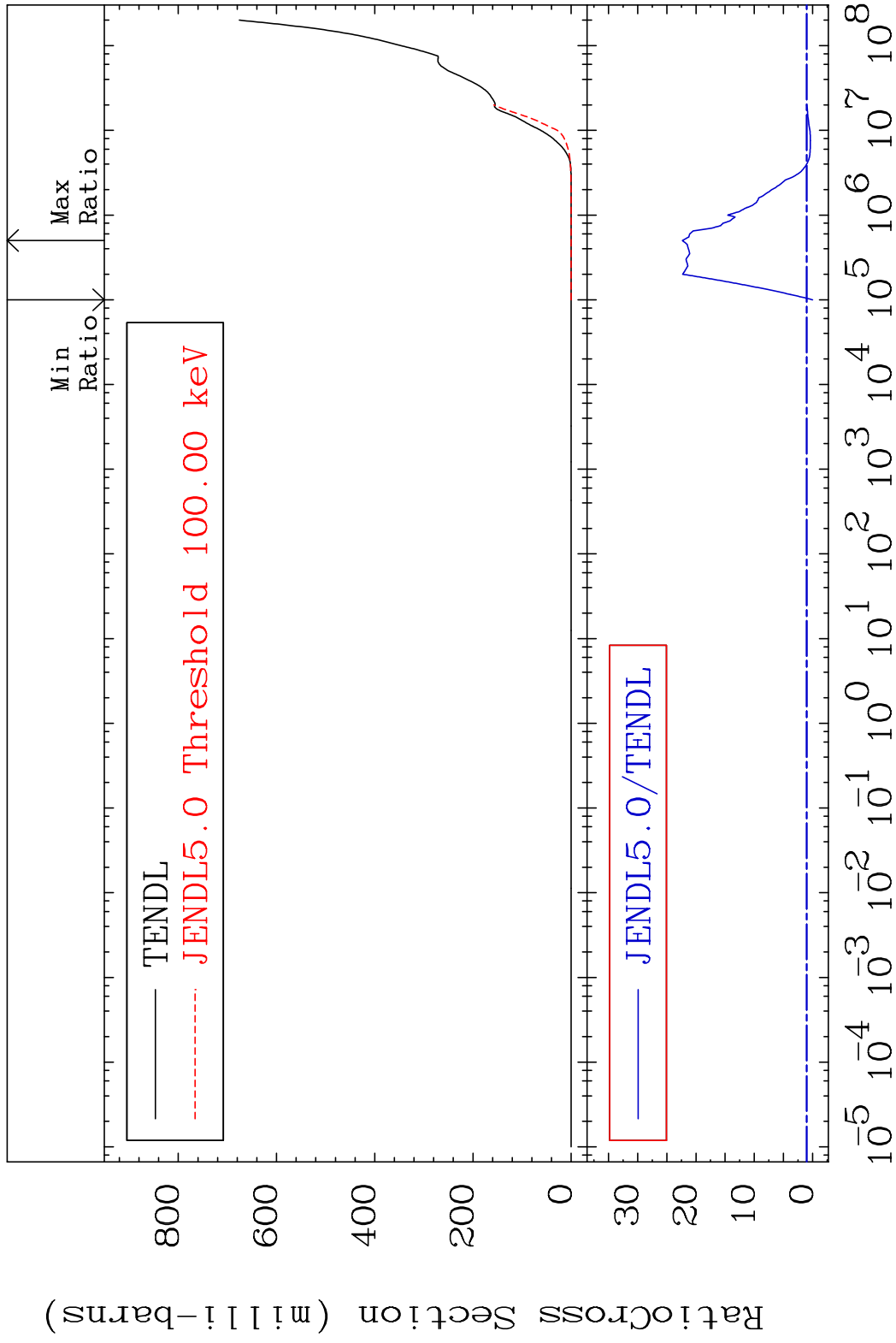


MAT 4825

He-4 Production

48-Cd-106

Cross Section -100.0 To 2134. %

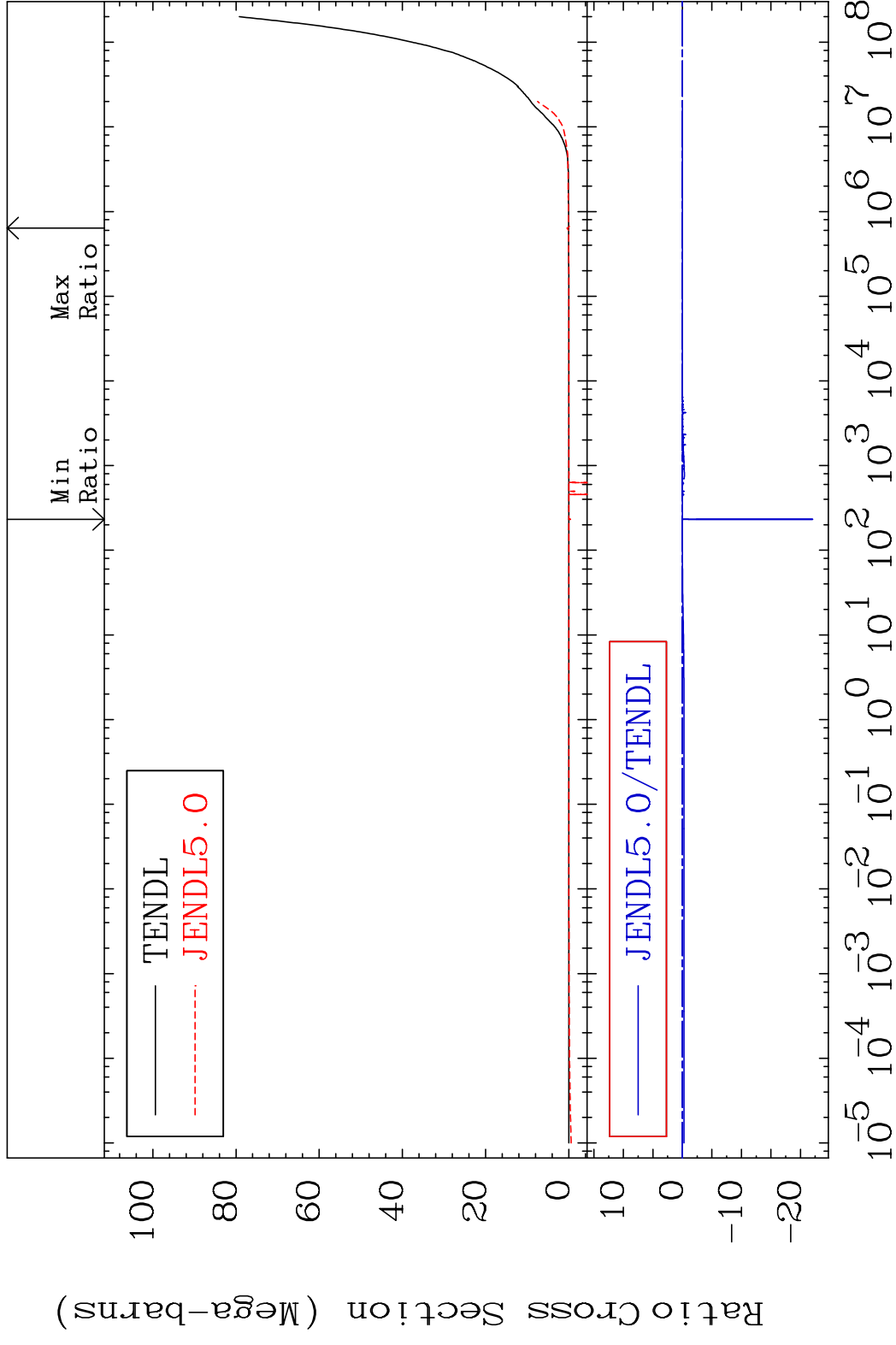


37

Incident Energy (eV)

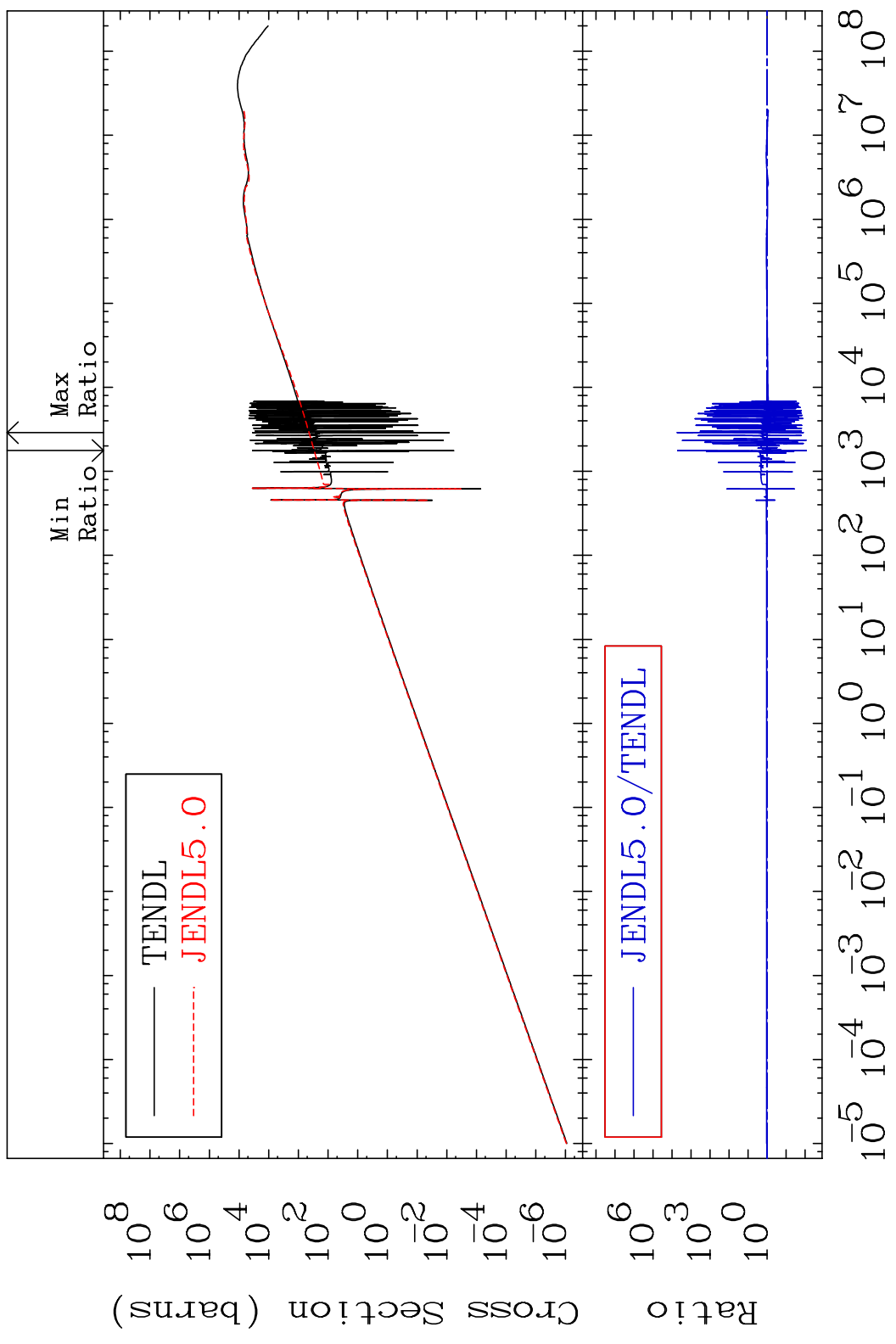
48-Cd-106

MAT 4825 Kerma total (eV-barns) 48-Cd-106  
 Cross Section -9999. To 702.8 %



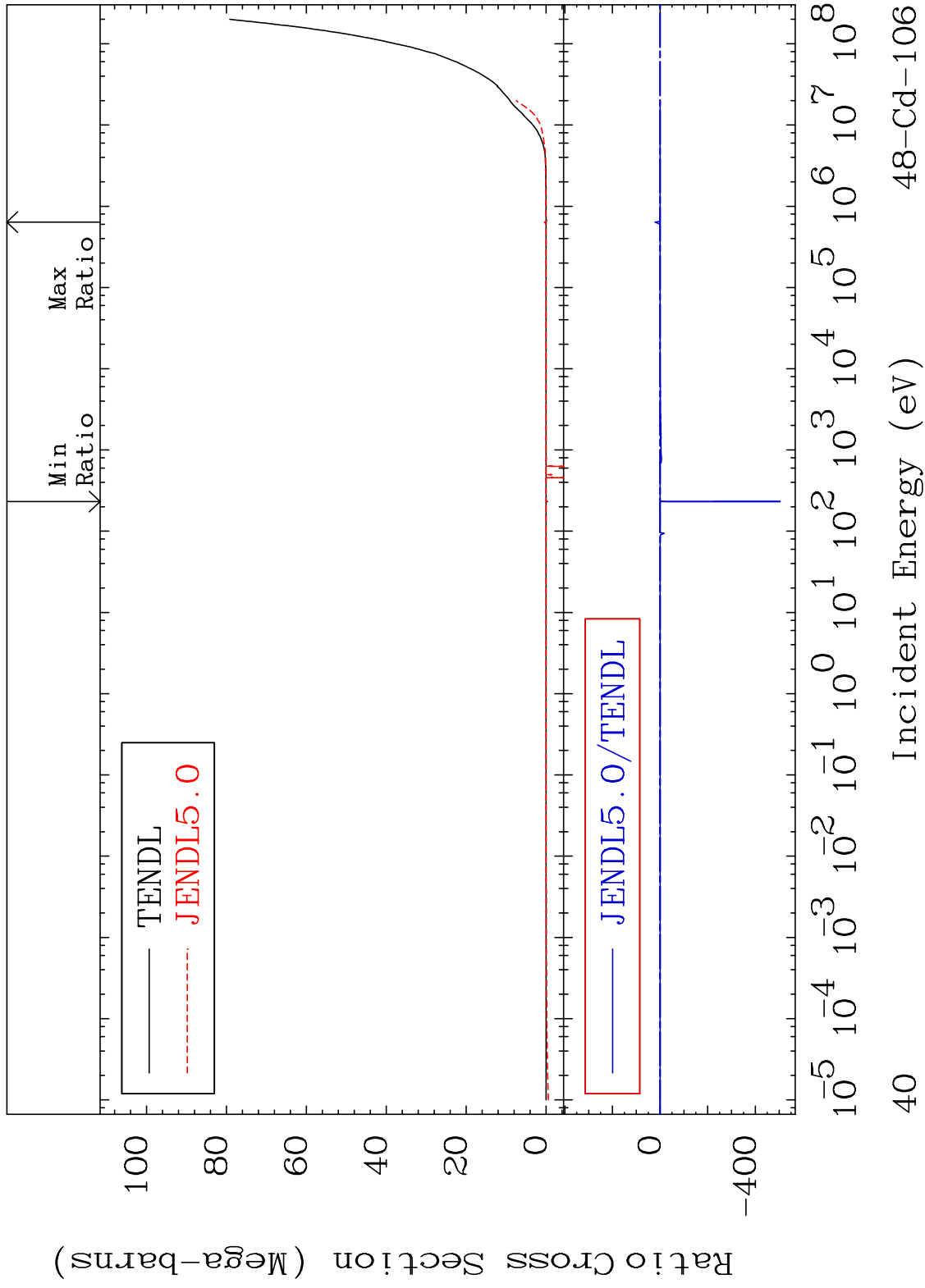
MAT 4825

Kerma elastic Cross Section -99.15 To 9999. %  
48-Cd-106

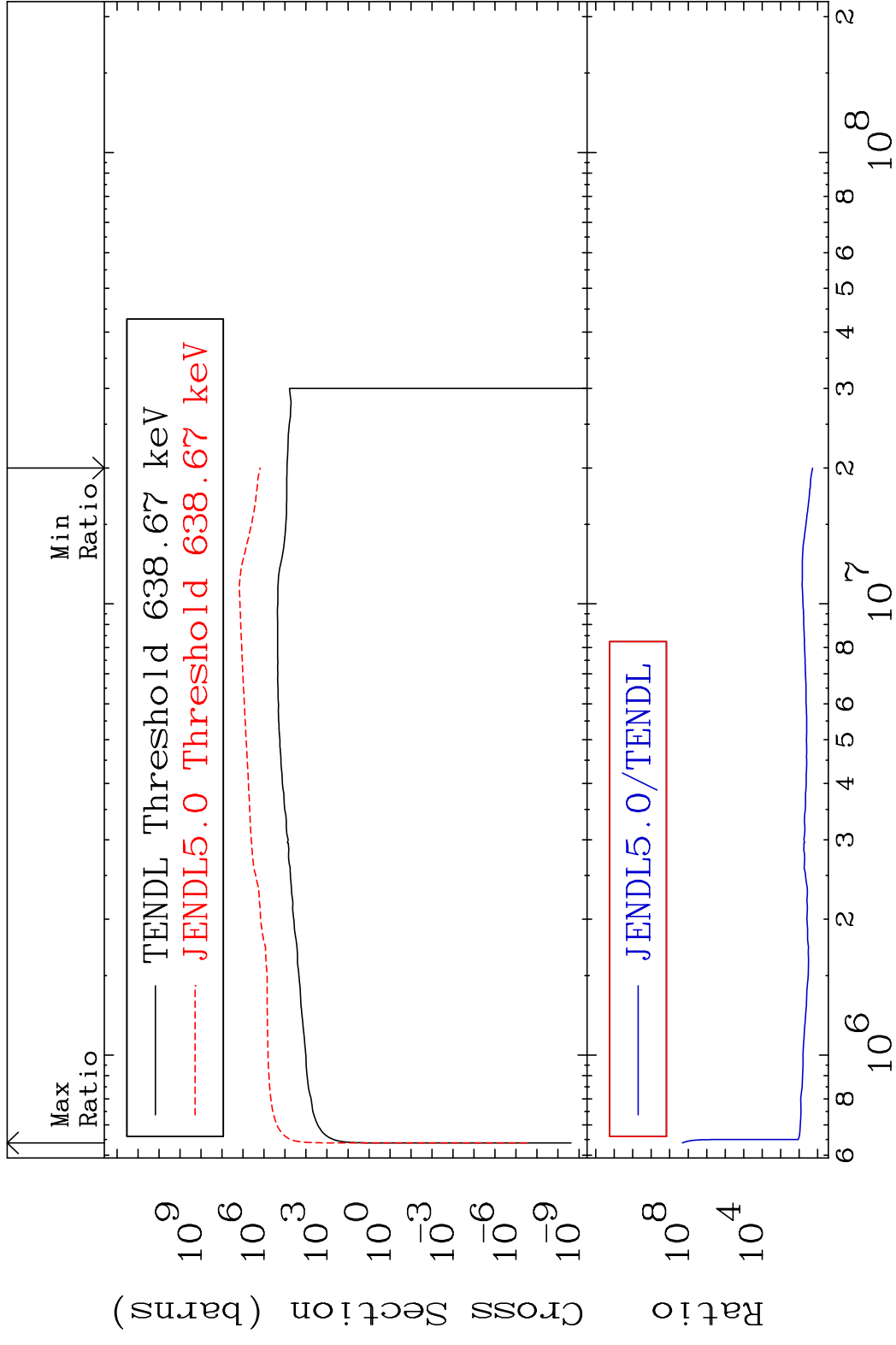




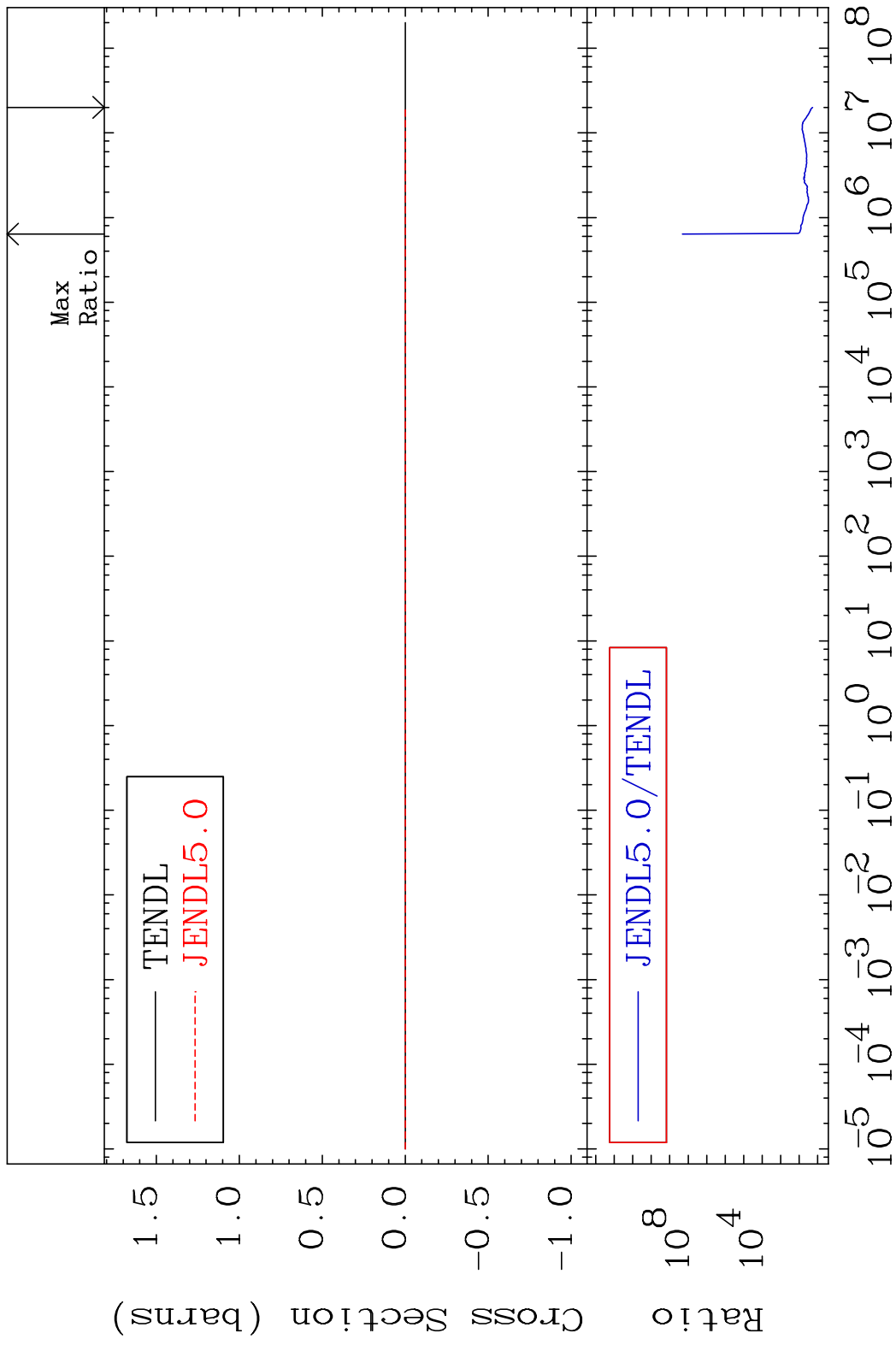
MAT 4825 Kerma non-elastic (all but mt2) 48-Cd-106  
Cross Section -9999. To 9999. %



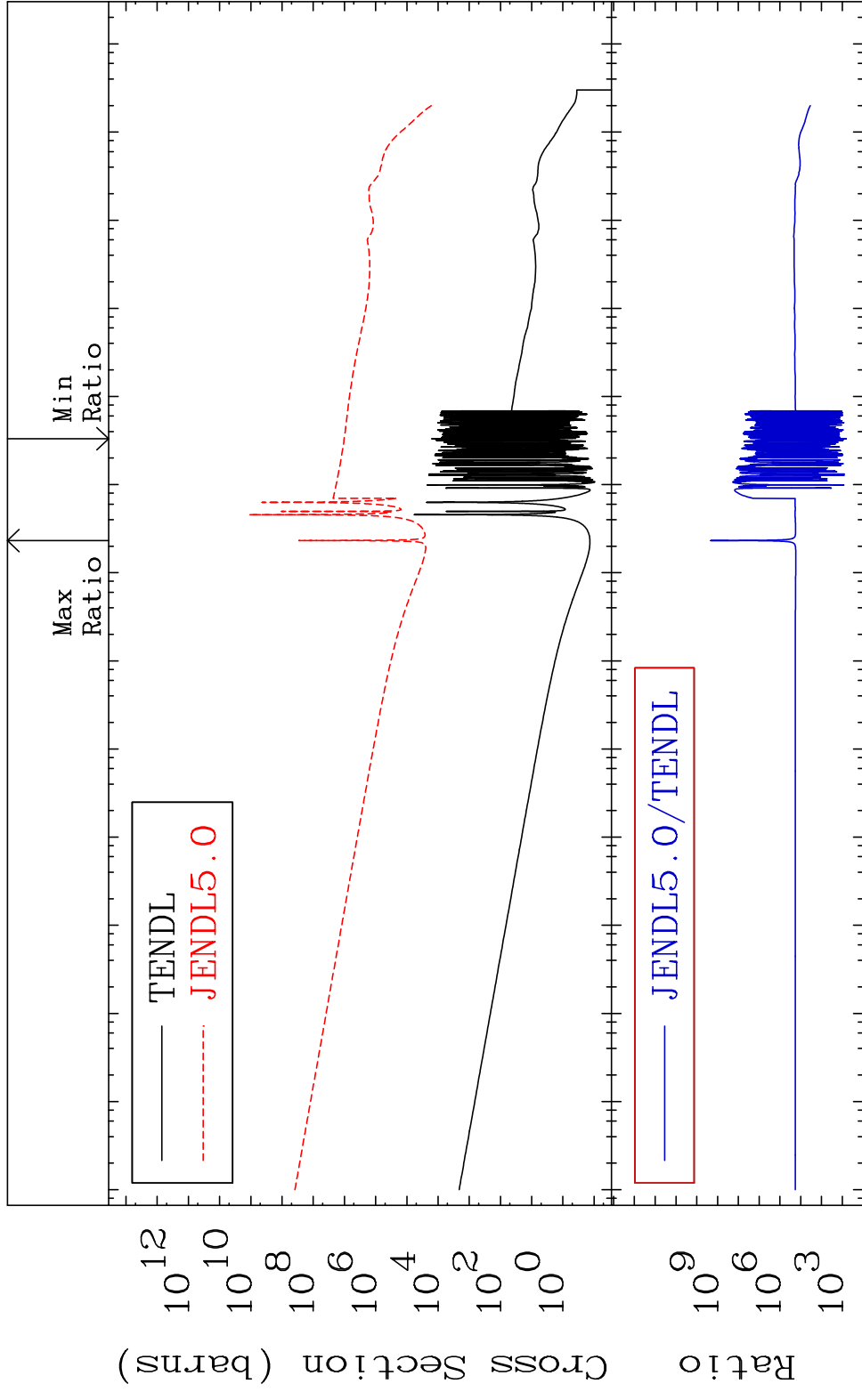
MAT 4825 Kerma inelastic (mt51-91) 48-Cd-106  
 Cross Section 1802. To 9999. %



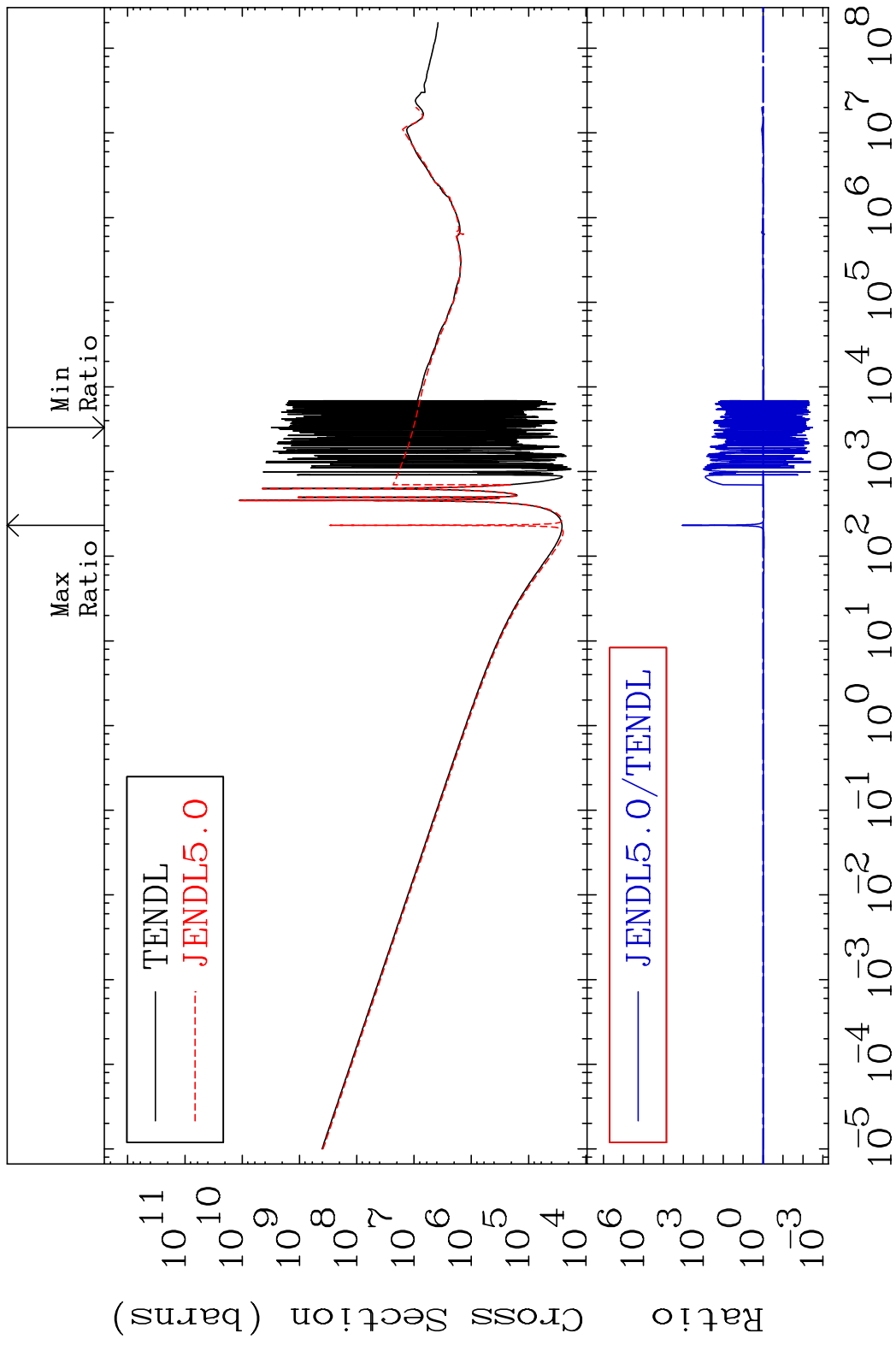
MAT 4825 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-106  
 Cross Section 1802. To 9999. %



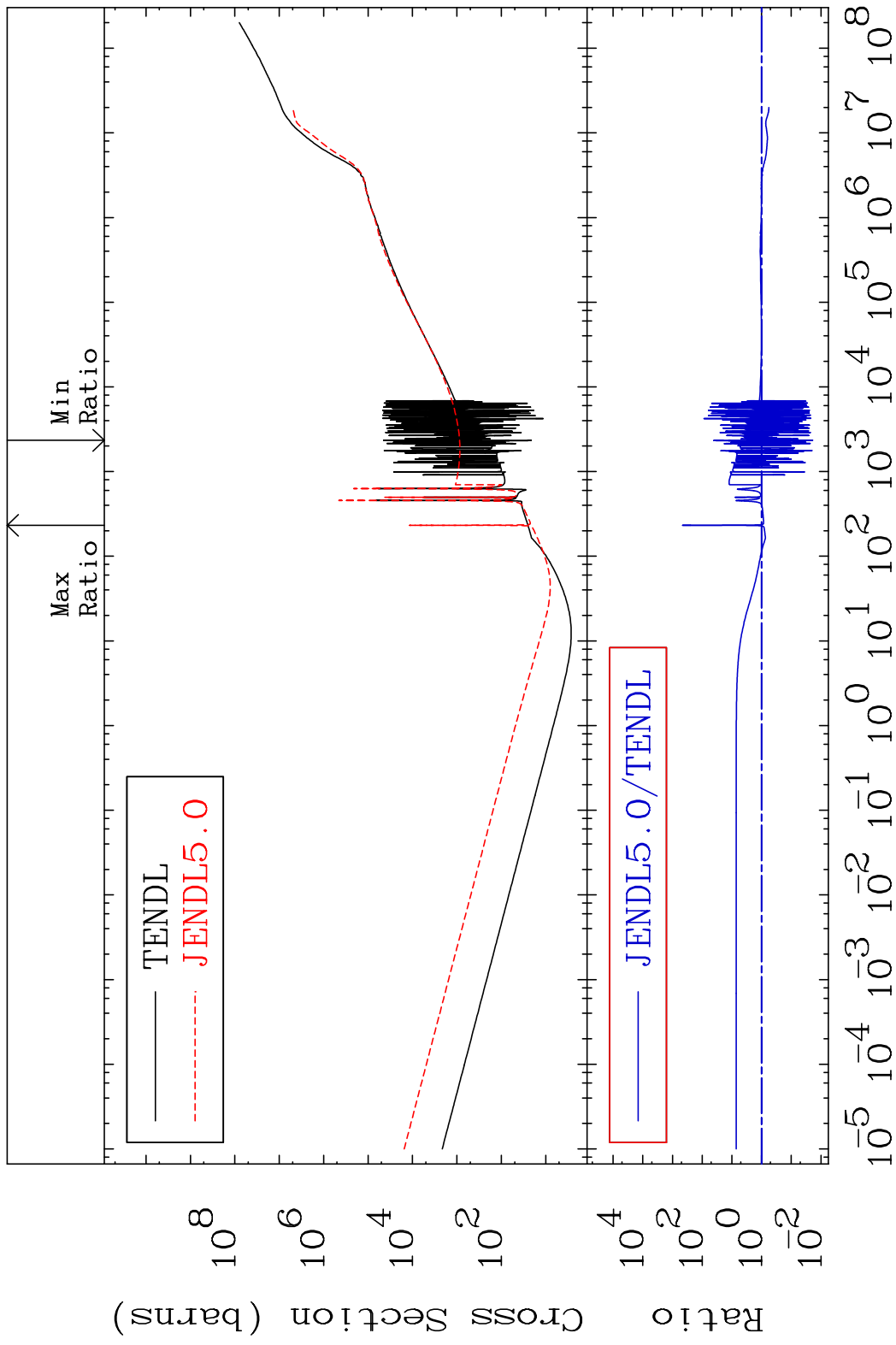
MAT 4825 Kerma capture (mt102) 48-Cd-106  
 Cross Section 9999. To 9999. %



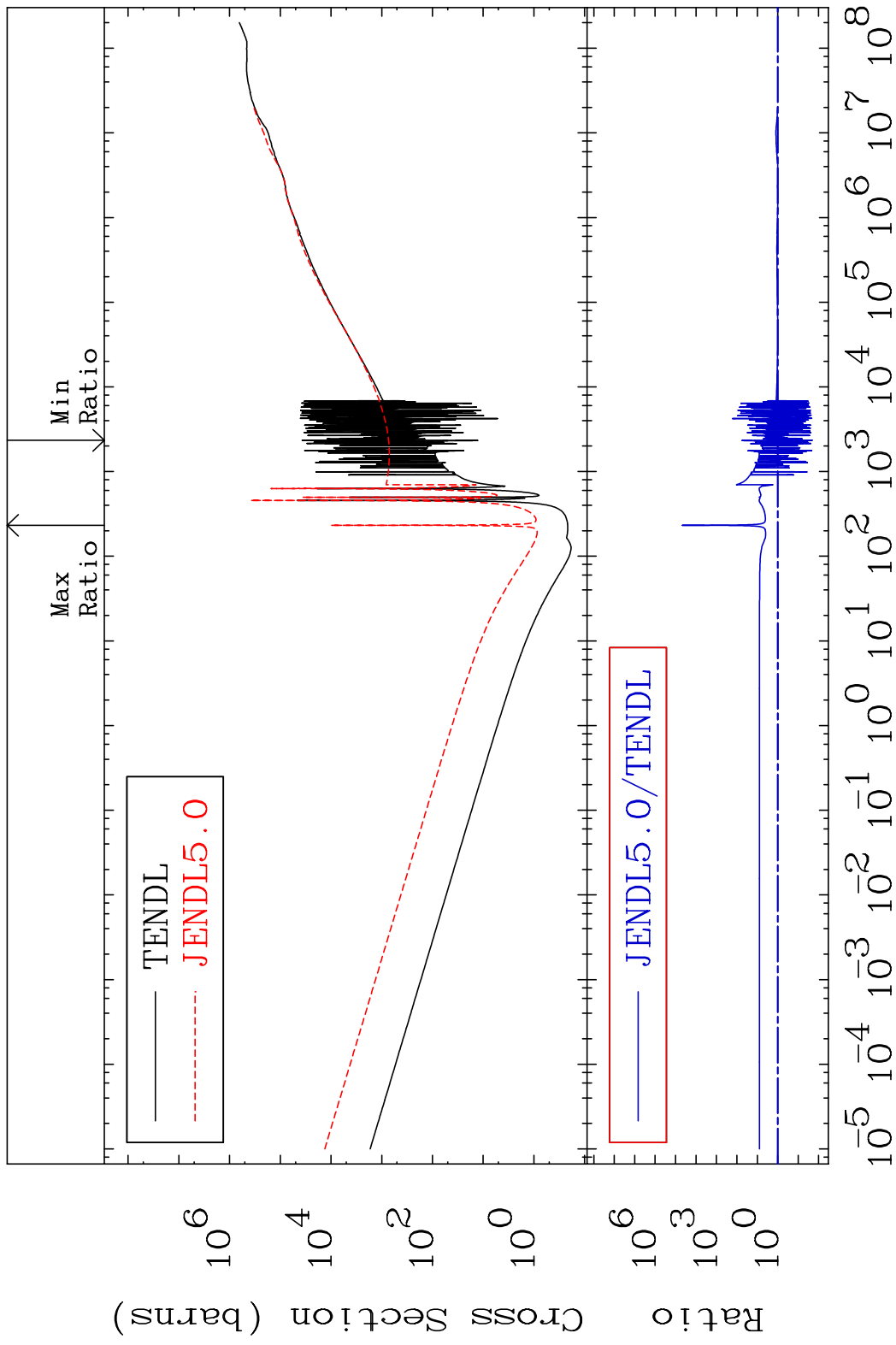
MAT 4825 Total photon (eV-barns) 48-Cd-106  
 Cross Section -99.67 To 9999. %



MAT 4825 Total kinematic kerma (high limit) 48-Cd-106  
Cross Section -98.08 To 9999. %



MAT 4825      Dpa total (eV-barns)      48-Cd-106  
 Cross Section      -98.02 To 9999. %

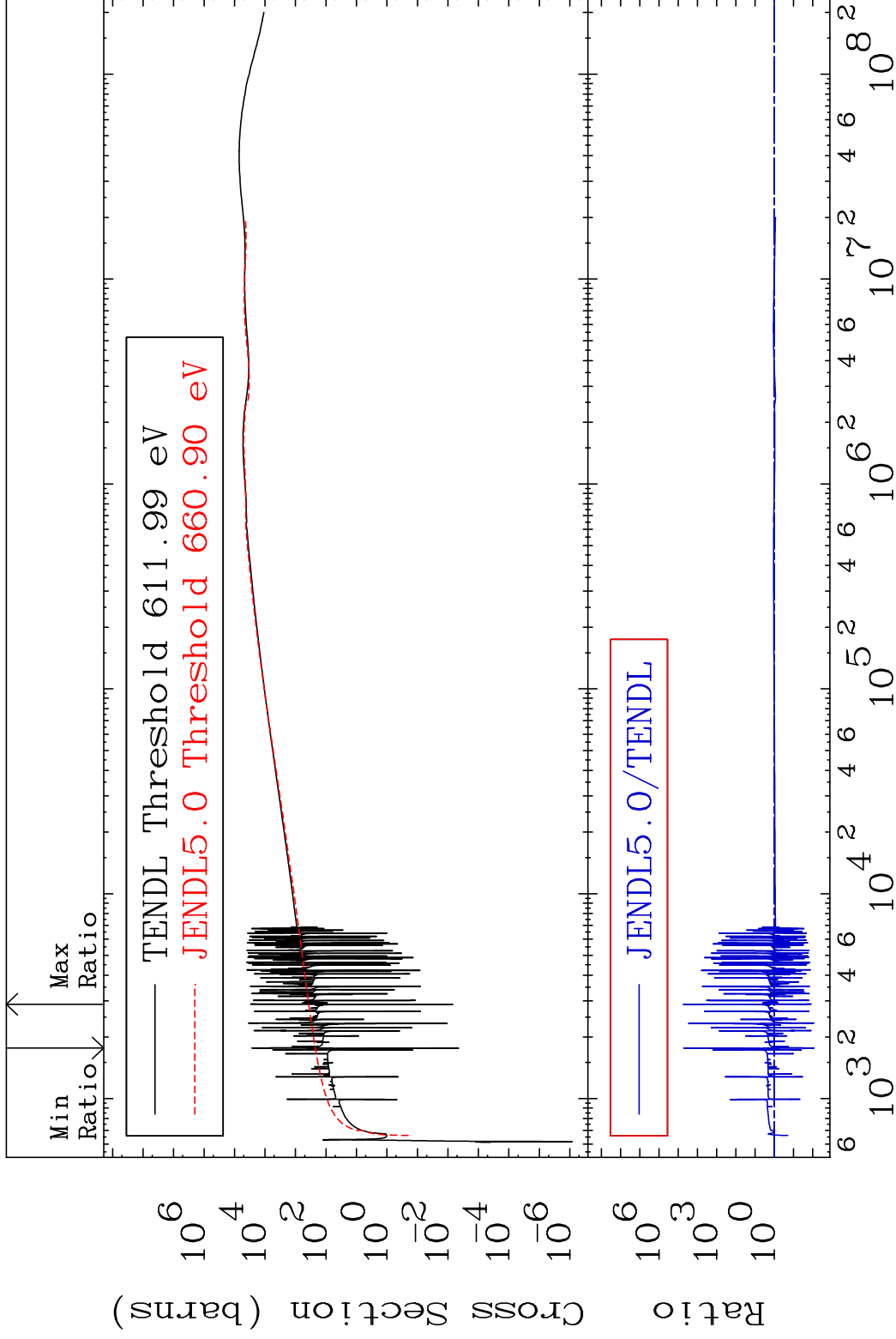


MAT 4825

Dpa elastic (mt2)

48-Cd-106

Cross Section -99.15 To 9999. %



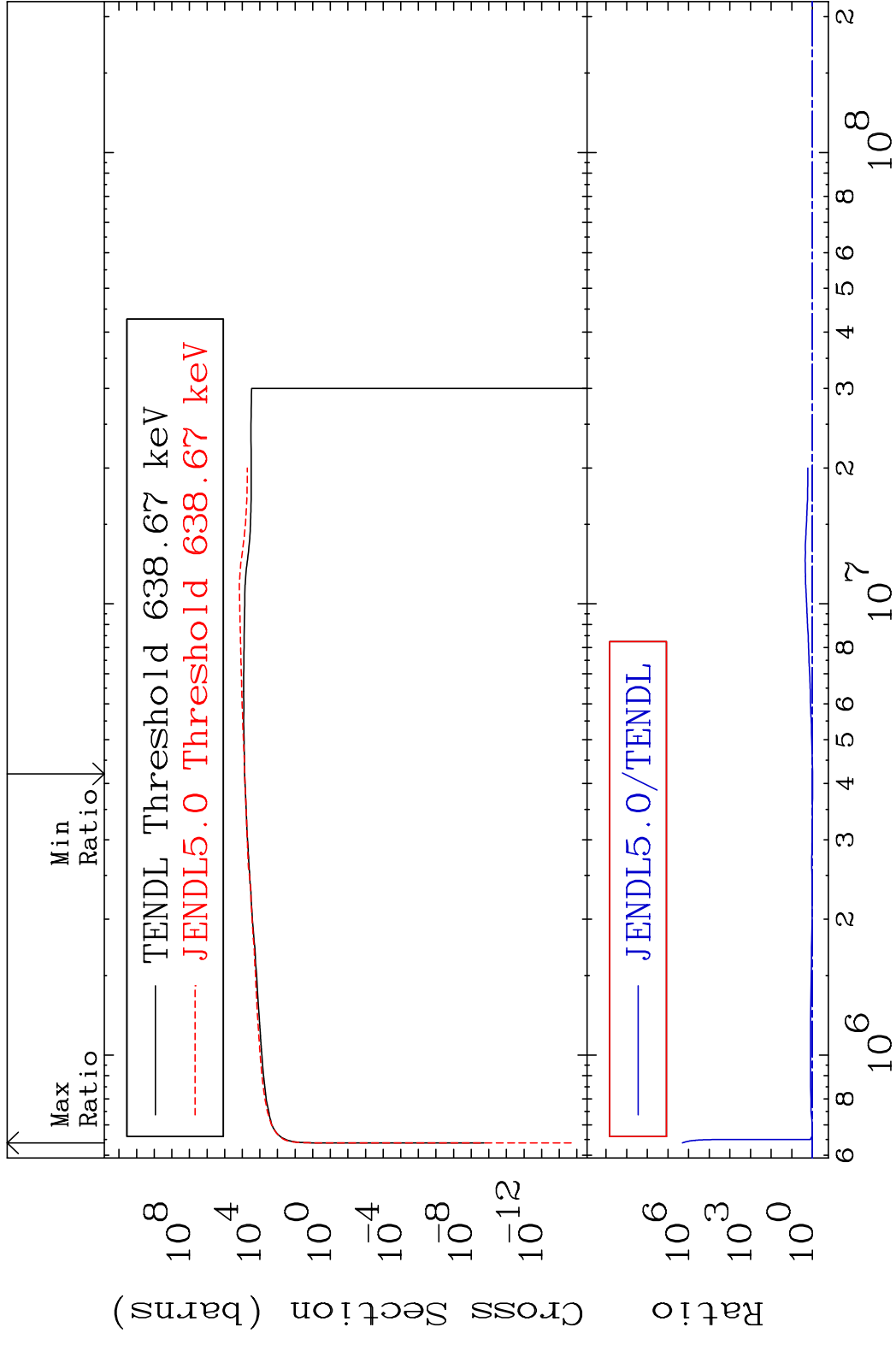
47

Incident Energy (eV)

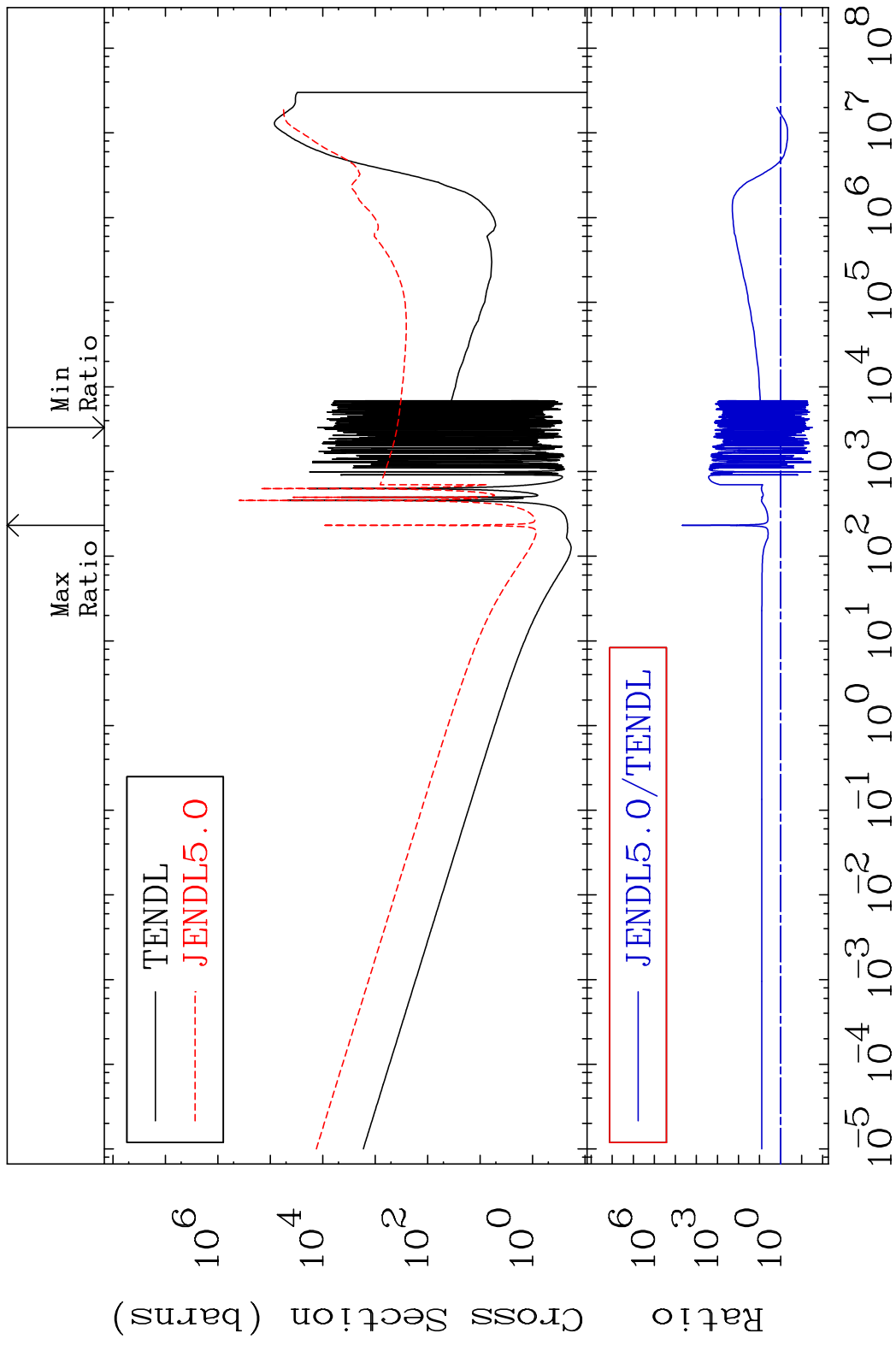
48-Cd-106



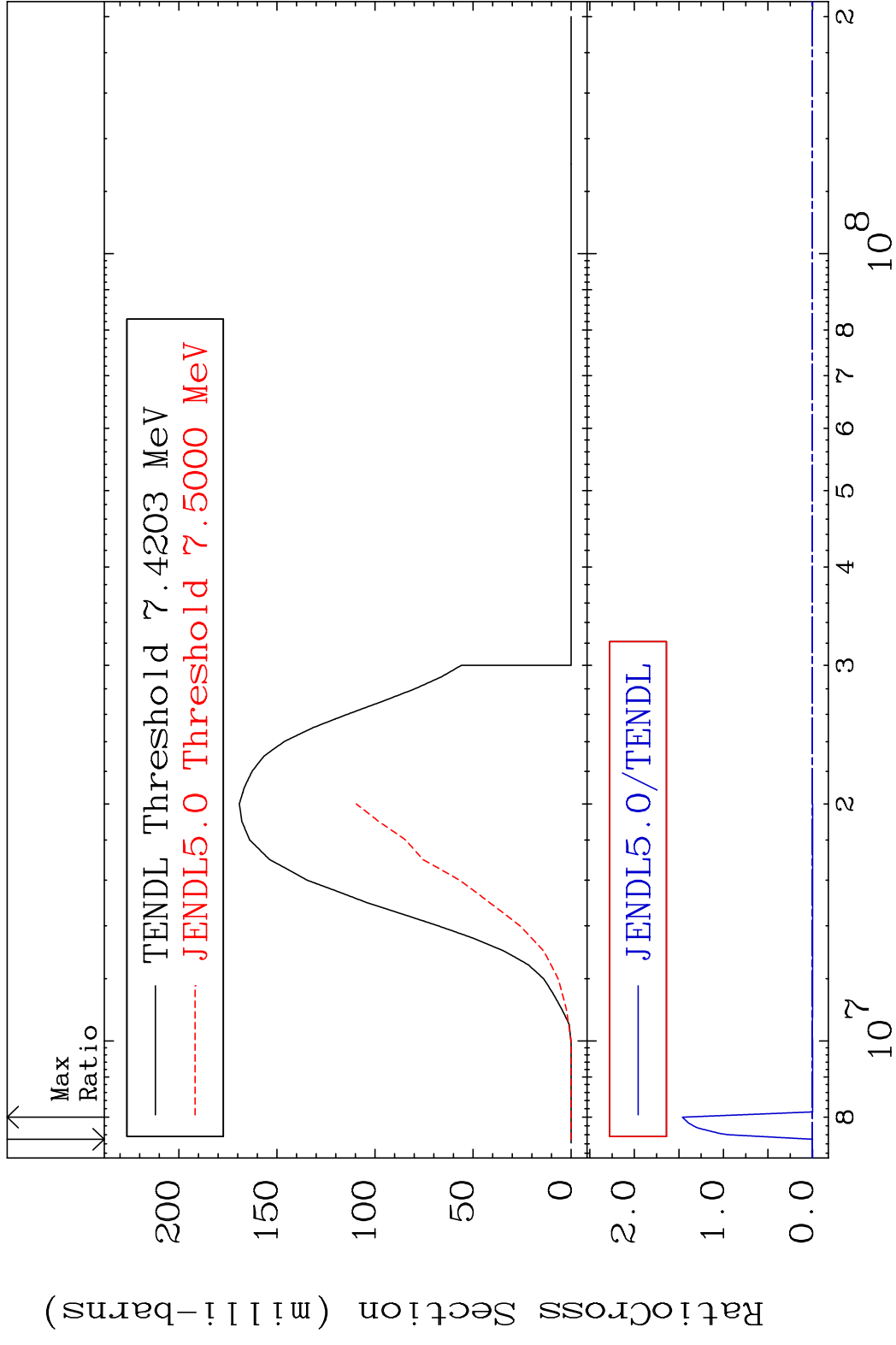
MAT 4825 Dpa inelastic (mt51-91) 48-Cd-106  
 Cross Section -1.240 To 9999. %

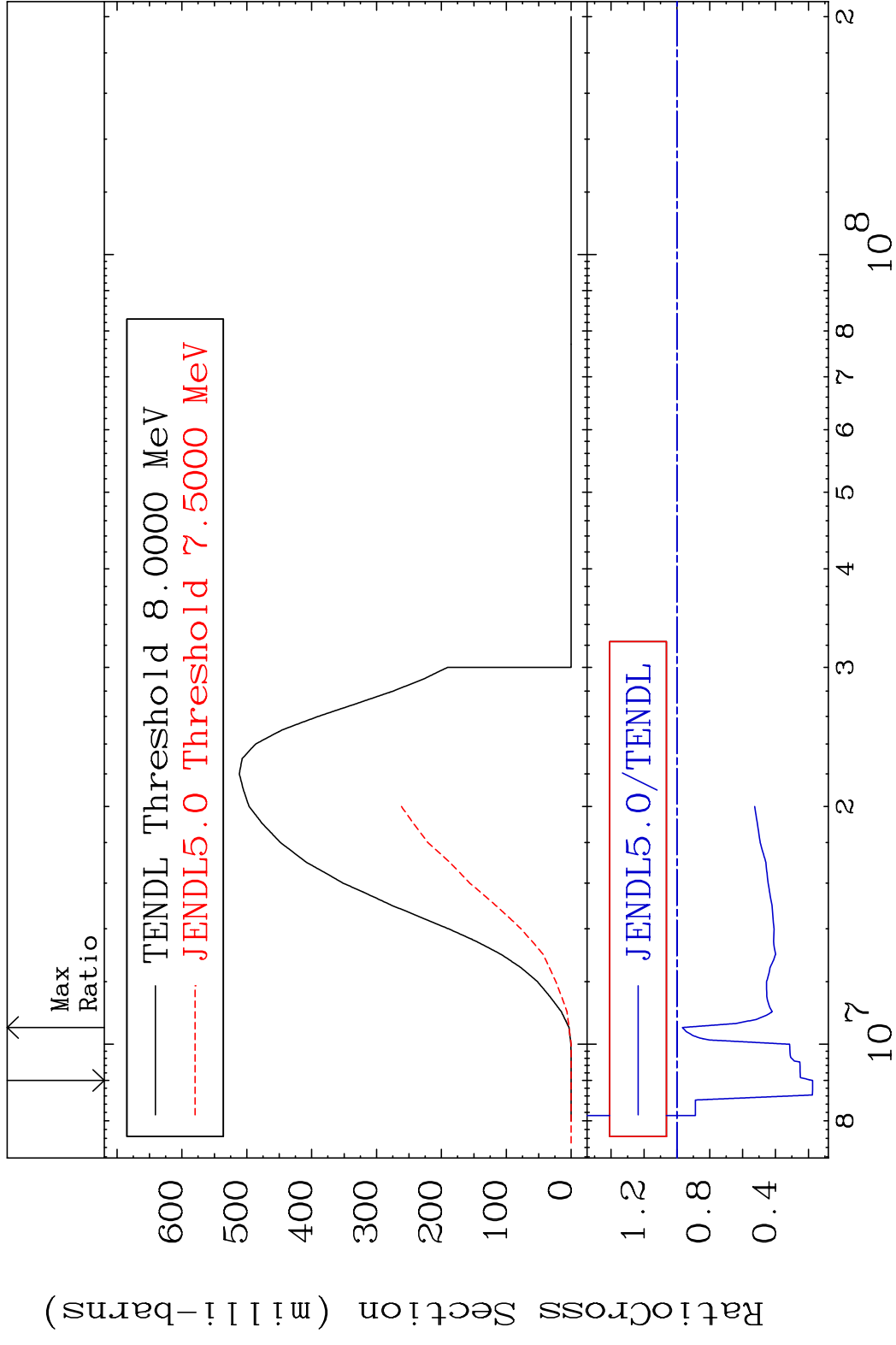


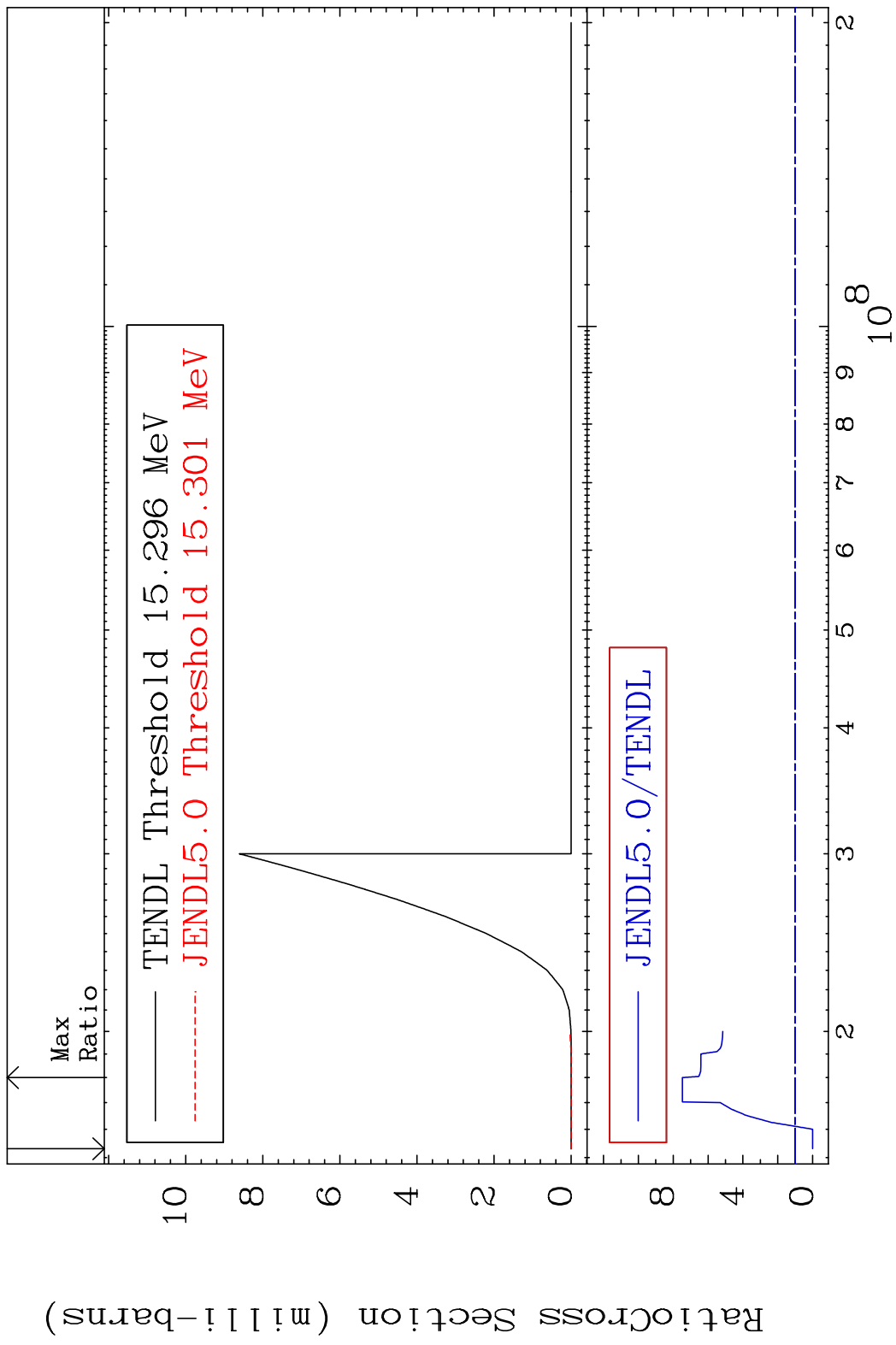
MAT 4825 Dpa disappearance (mt102 -120) 48-Cd-106  
Cross Section -96.97 To 9999. %



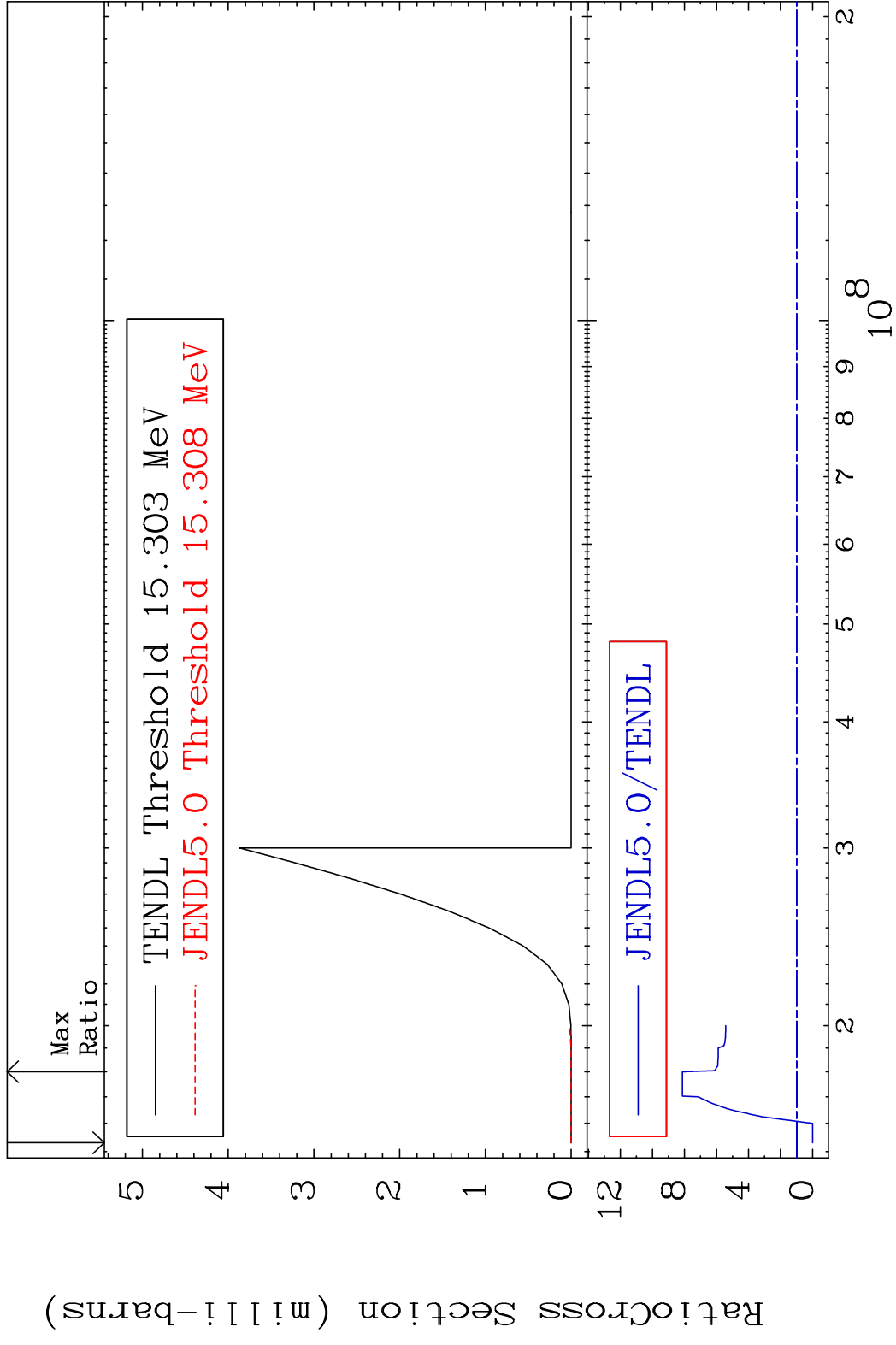
MAT 4825 (n, n') p:47-Ag-105g 48-Cd-106  
 Radionuclide Production Cross Section Ratio







MAT 4825 (n, n') d:47-Ag-104m1 48-Cd-106  
 Radionuclide Production Cross Section 180.0 dth 713.2 %



MAT 4825 (n,d):47-Ag-105g 48-Cd-106  
 Radionuclide Production Cross Section Ratio 9999. %

