

Program Complot  
(Version 2021-1)

by

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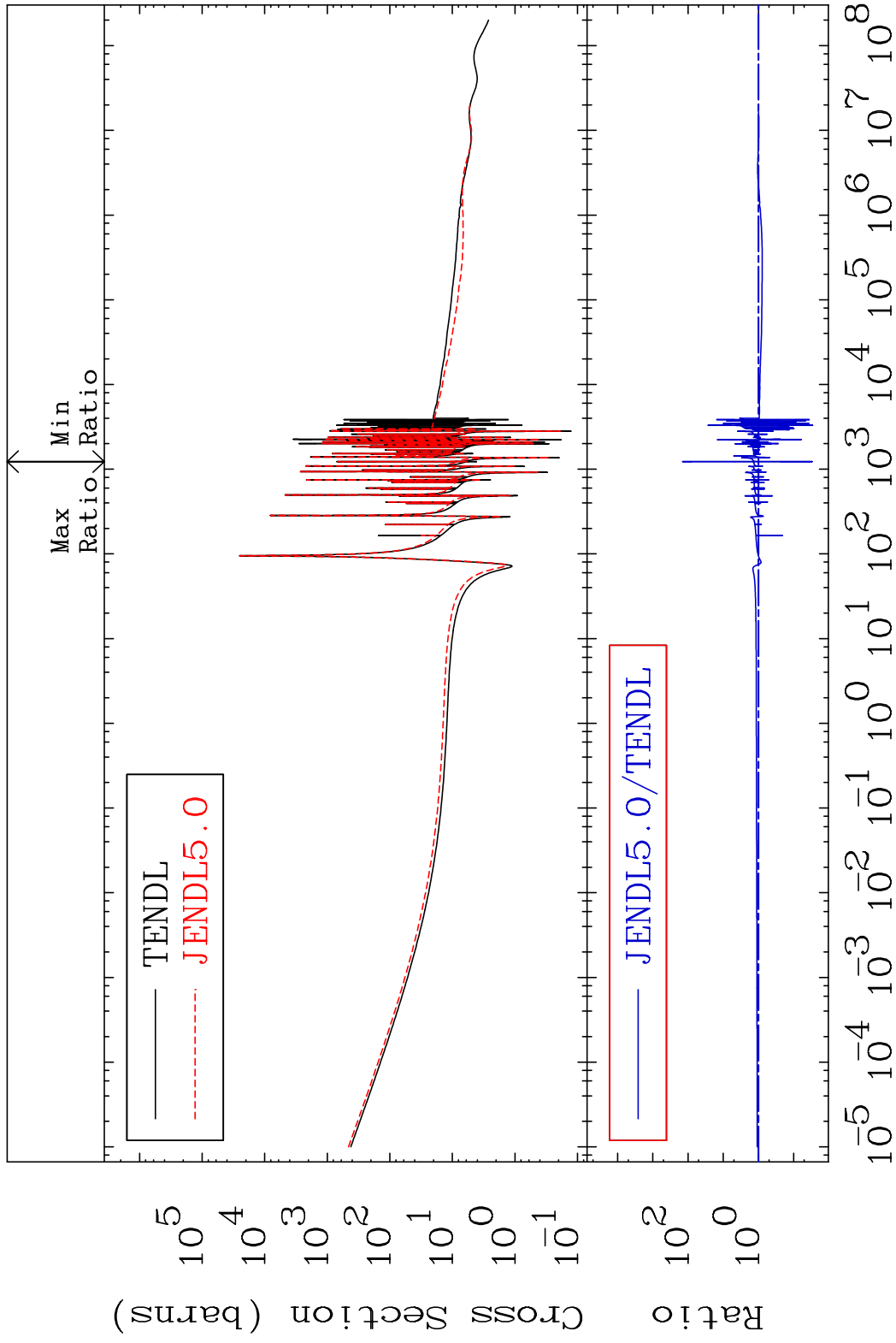
Press Mouse Button to Start

MAT 6849

Total

68-Er-170

Cross Section -97.09 To 9999. %



1

Incident Energy (eV)

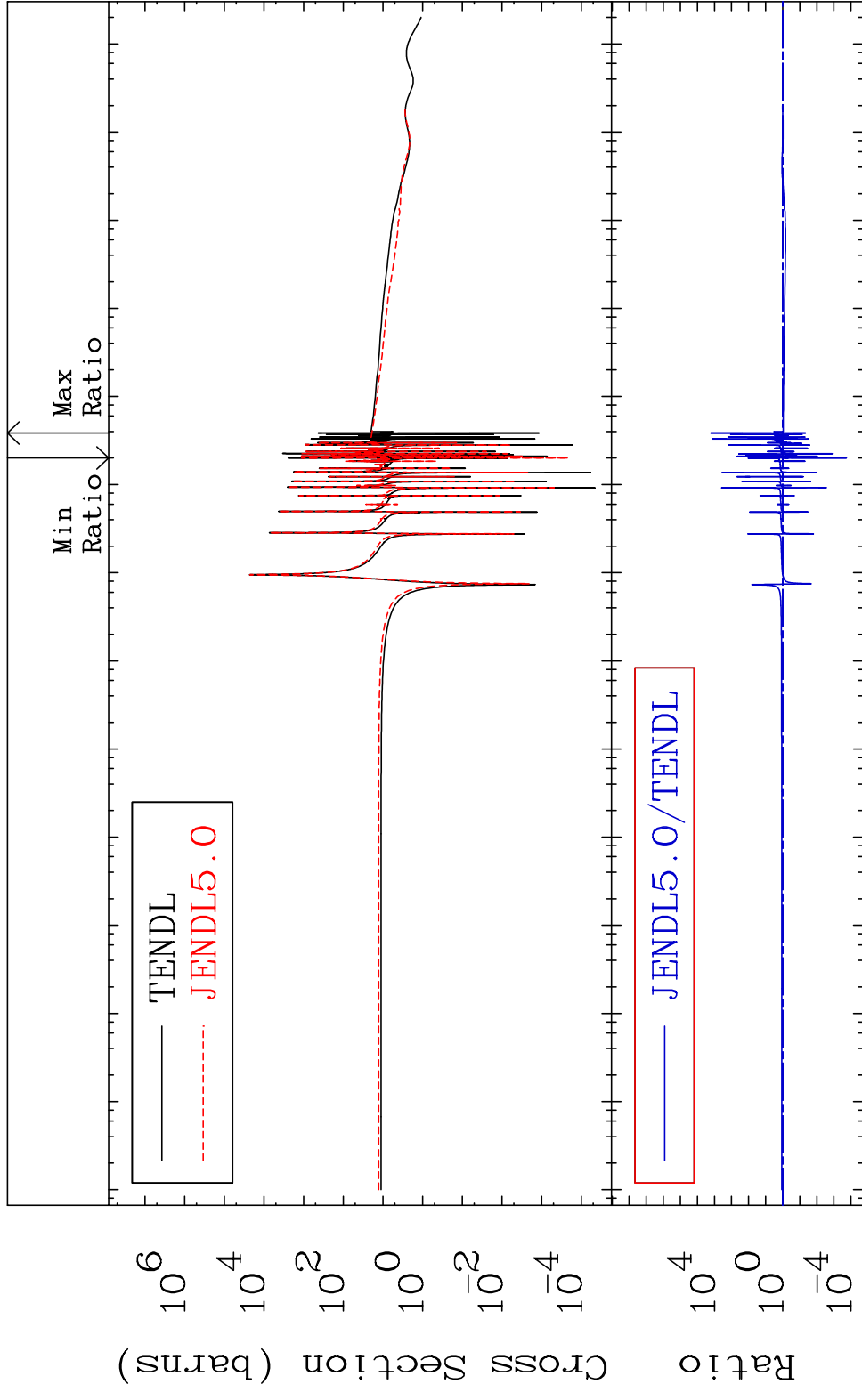
68-Er-170

MAT 6849

Elastic

68-Er-170

Cross Section -99.98 To 9999. %

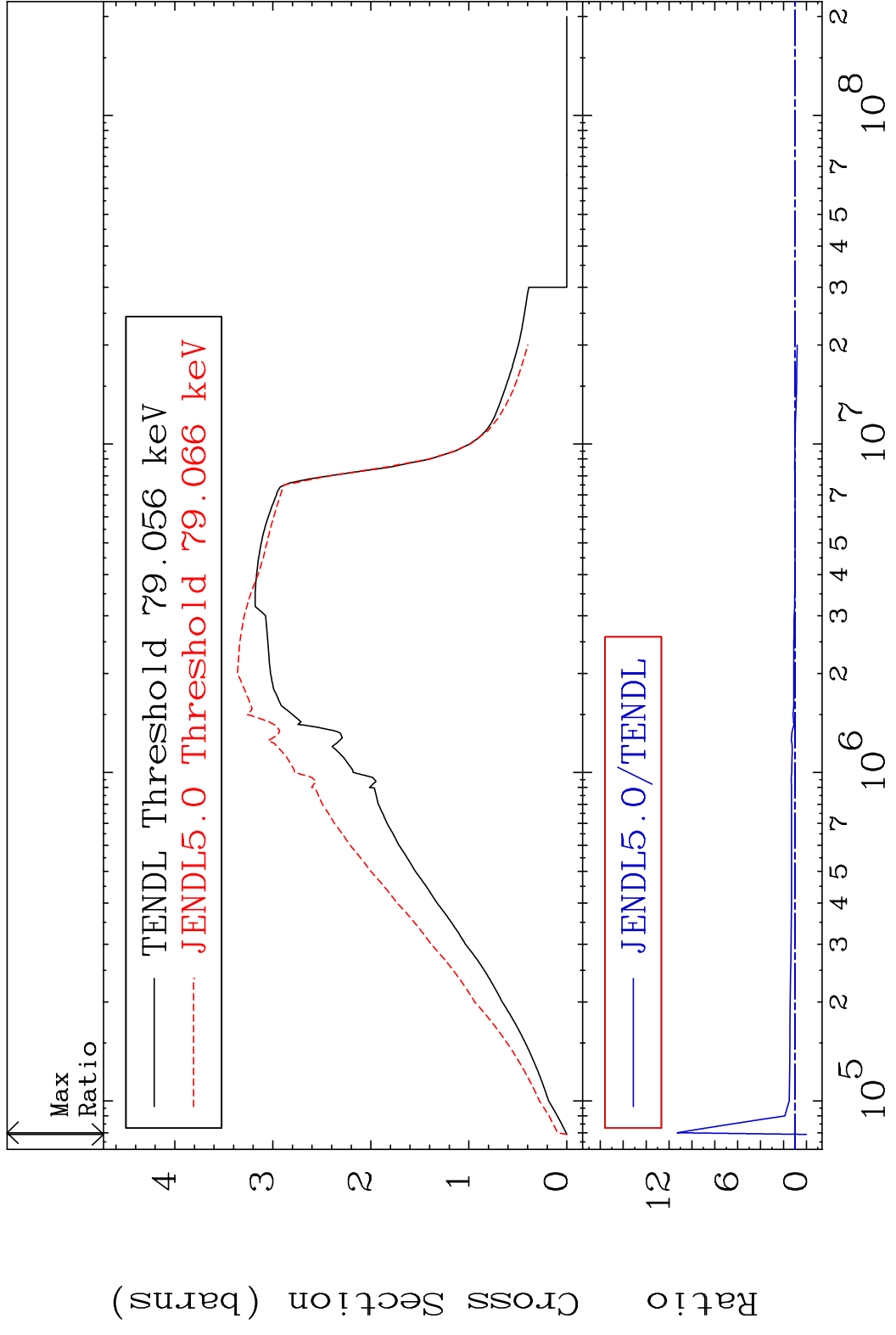


2

Incident Energy (eV)

68-Er-170

MAT 6849 Inelastic 68-Er-170  
 Cross Section -100.0 To 1029. %



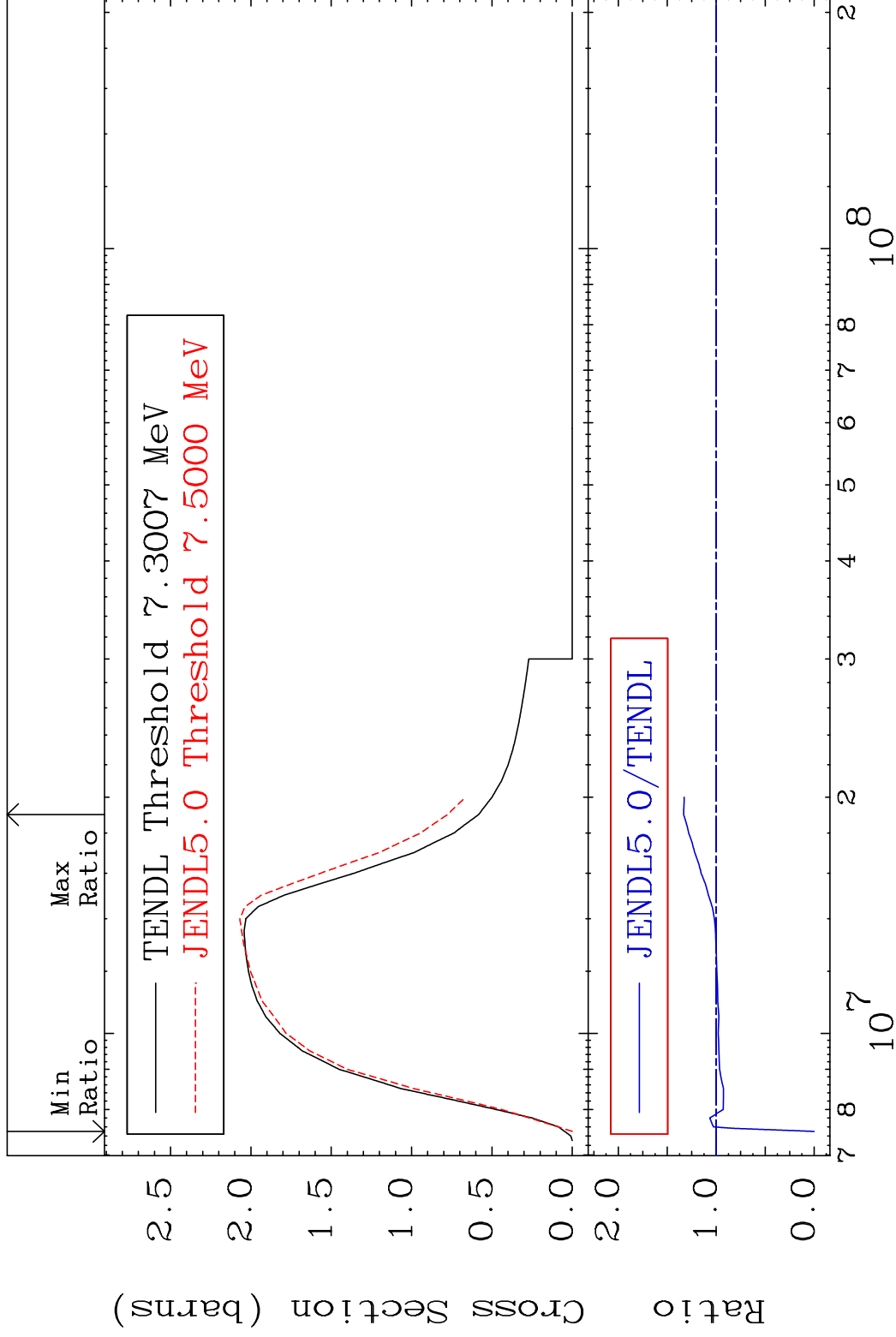
3 Incident Energy (eV) 68-Er-170

MAT 6849

(n,2n)

68-Er-170

Cross Section -100.0 To 33.26 %



4

Incident Energy (eV)

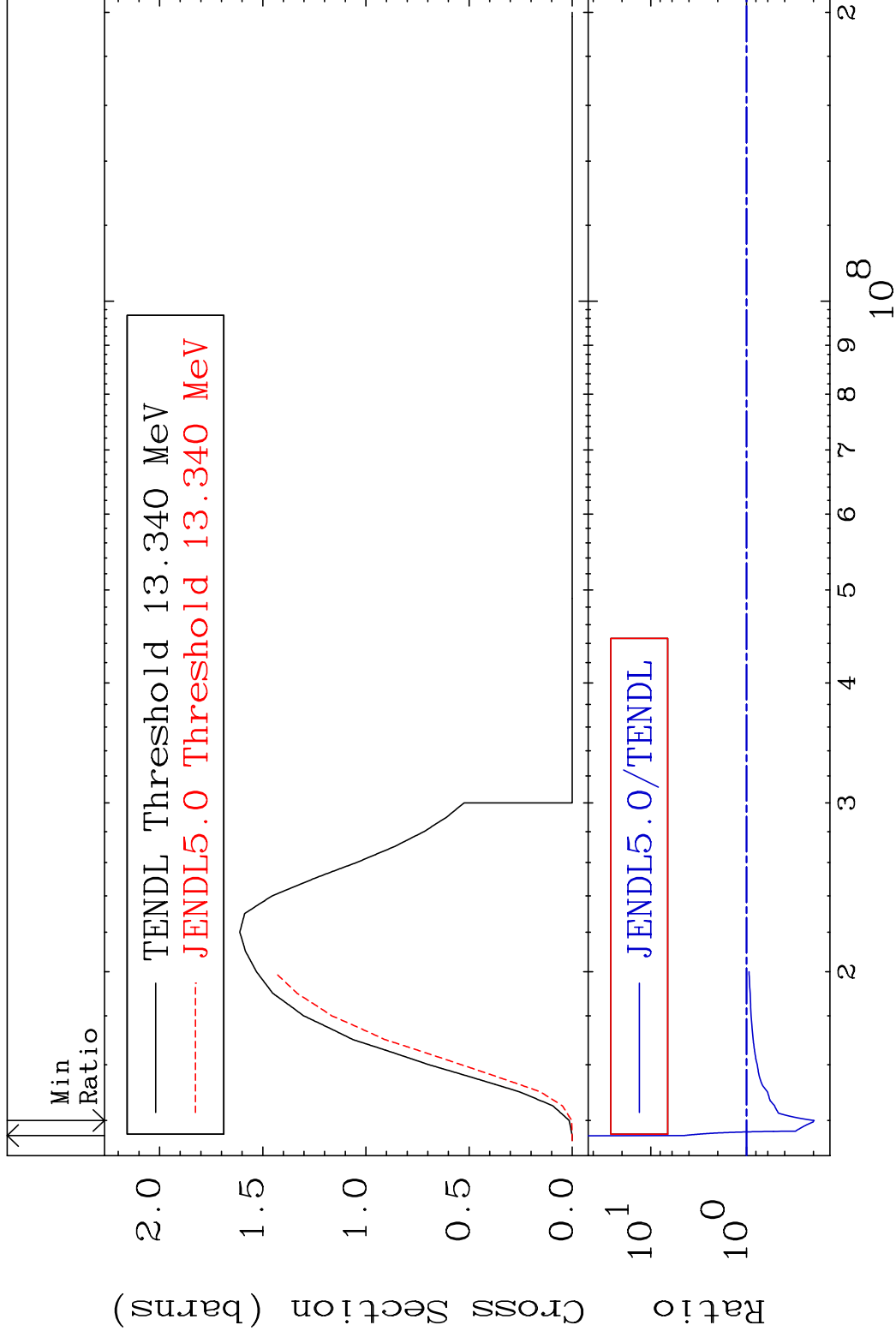
68-Er-170

MAT 6849

(n,3n)

68-Er-170

Cross Section -80.27 To 353.8 %



5

Incident Energy (eV)

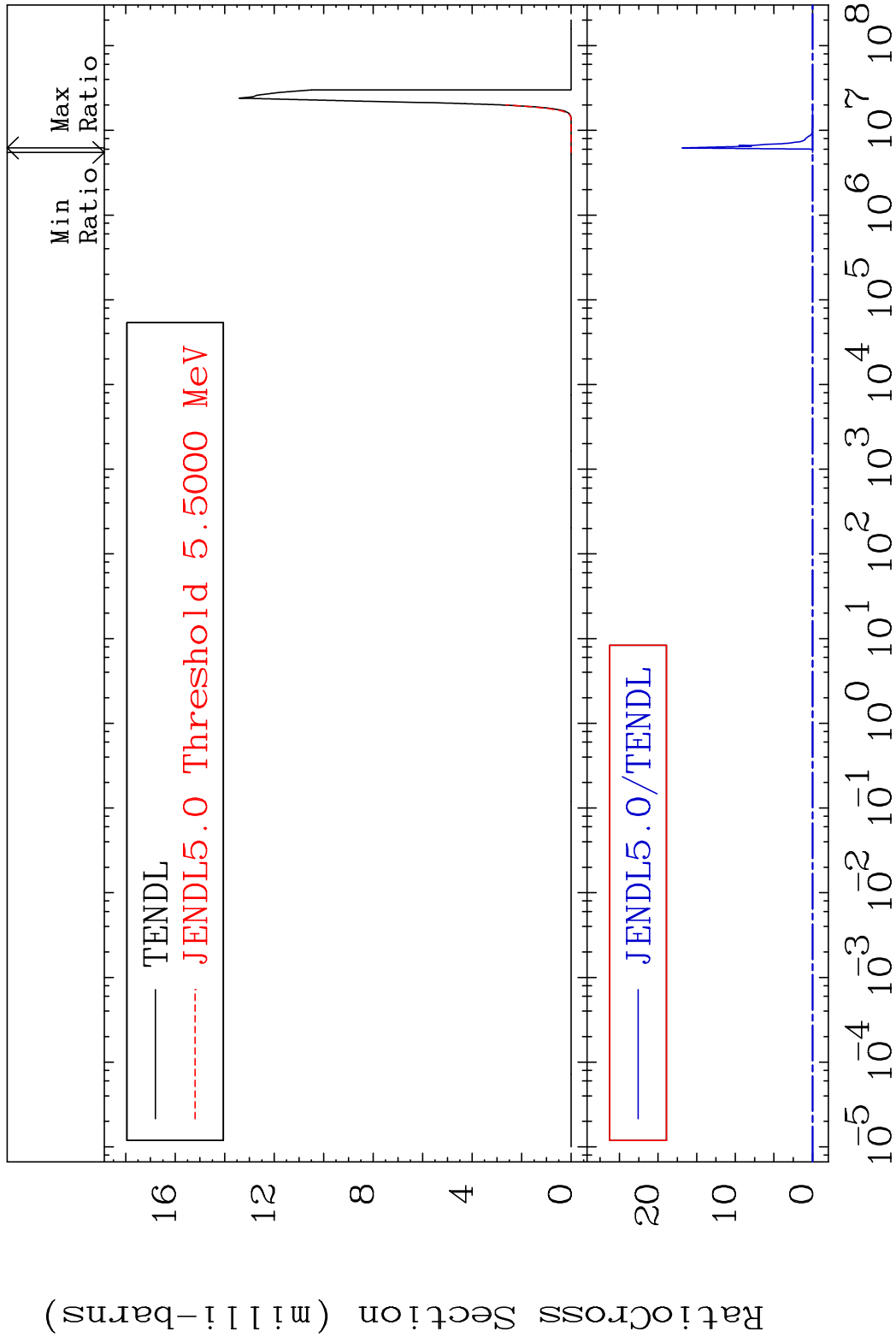
68-Er-170

MAT 6849

(n, n')  $\alpha$

68-Er-170

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

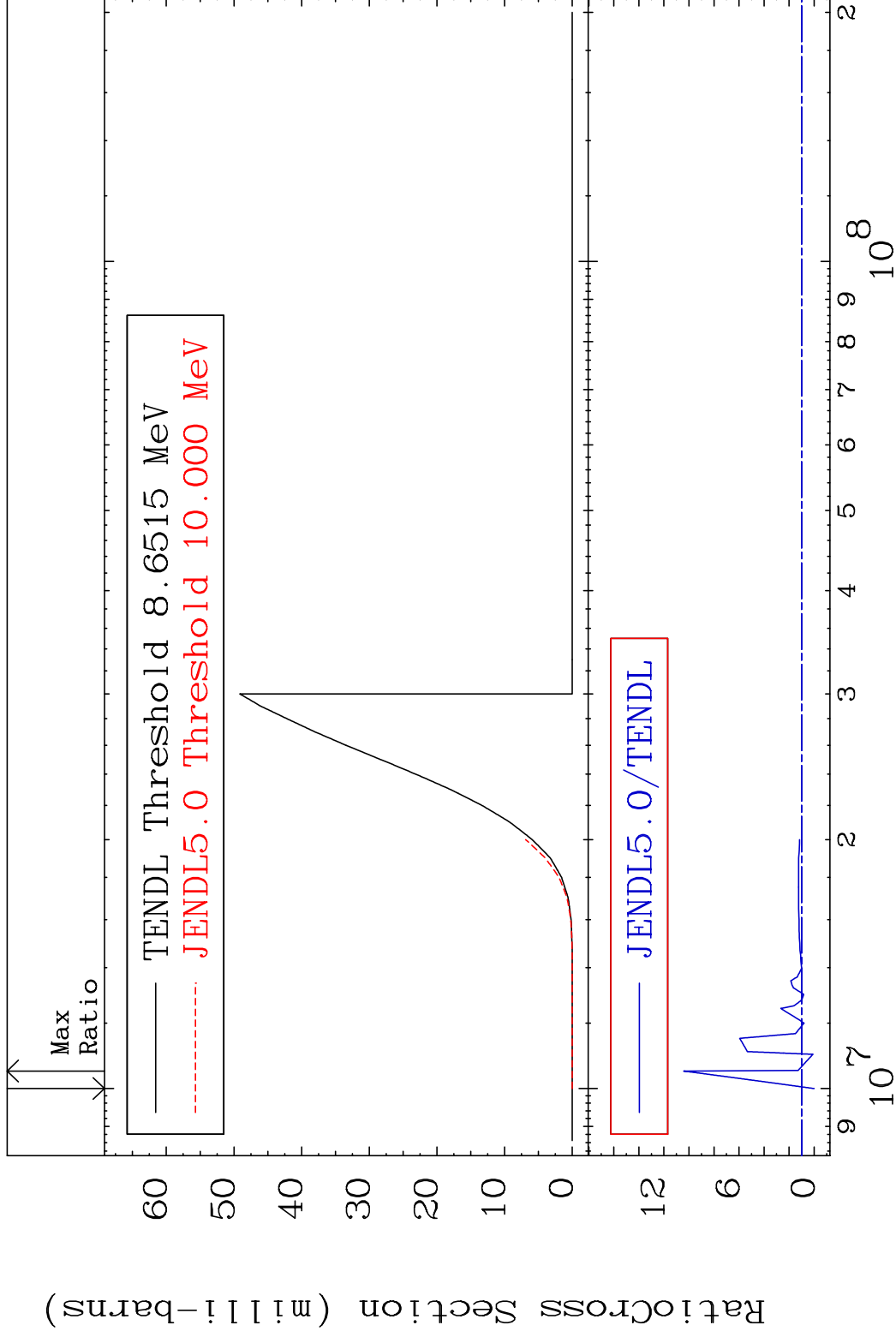
68-Er-170

MAT 6849

(n, n') p

68-Er-170

Cross Section -100.0 To 942.2 %



7

Incident Energy (eV)

68-Er-170

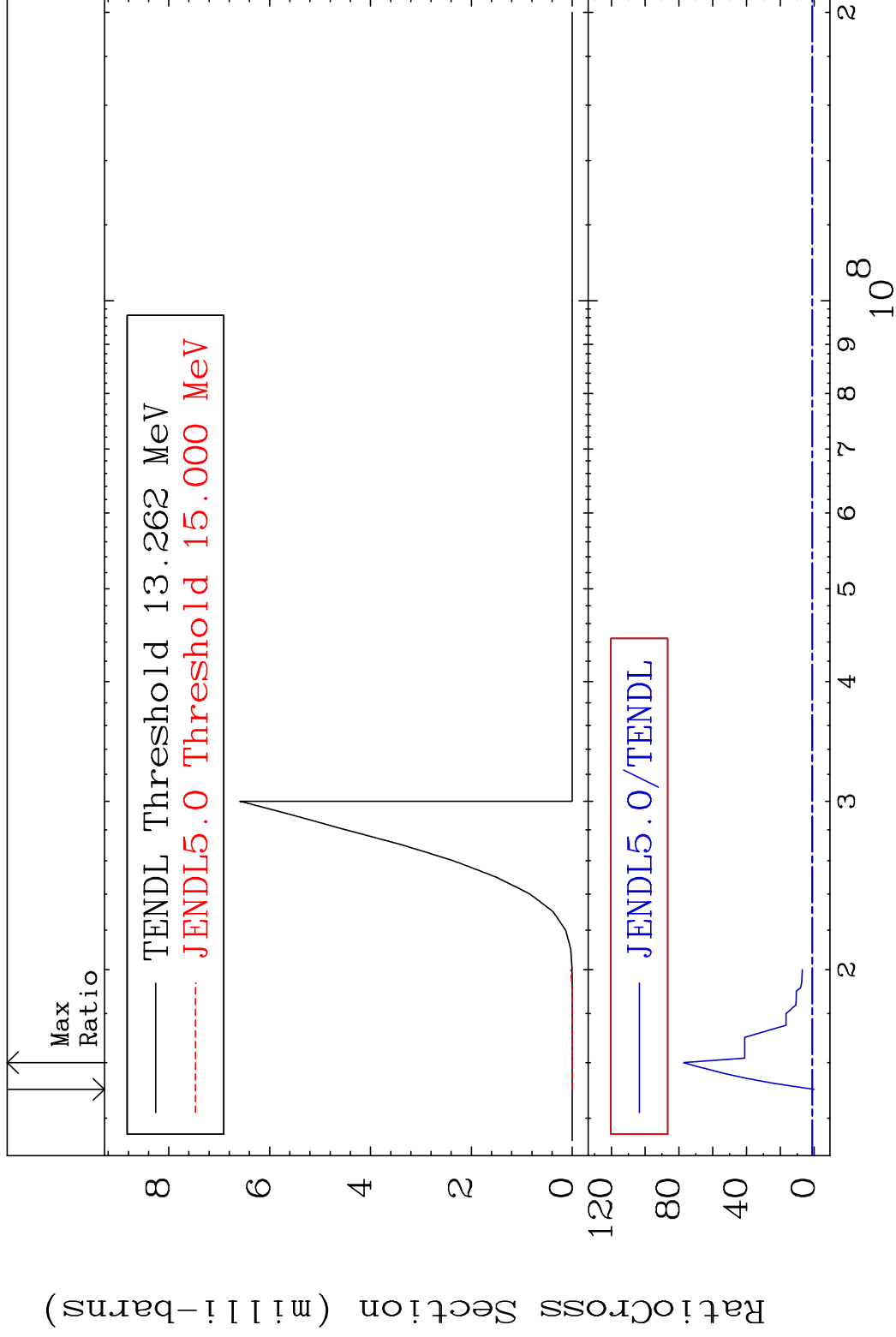


MAT 6849

(n, n') d

68-Er-170

Cross Section -100.0 To 7623. %

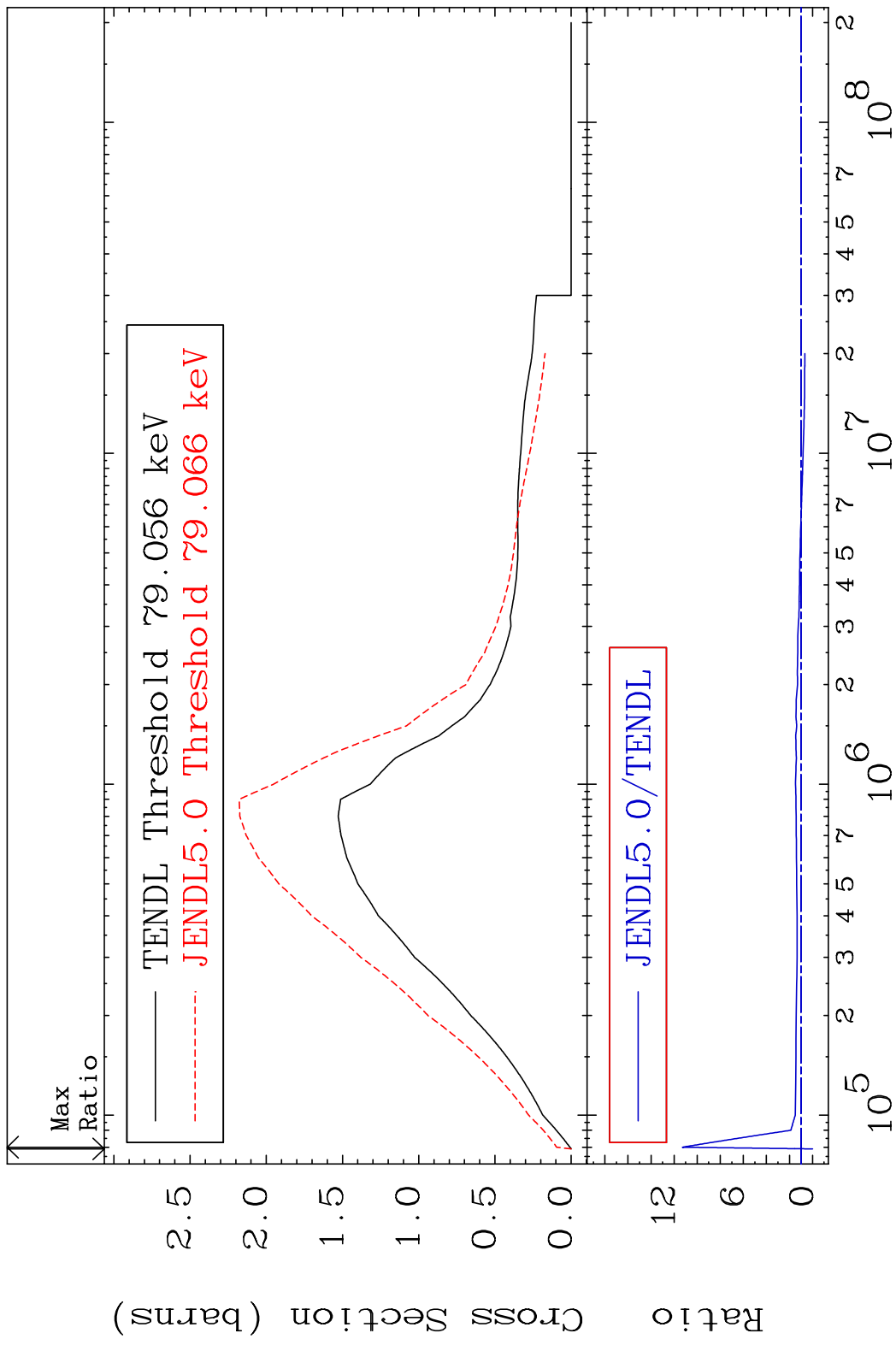


8

Incident Energy (eV)

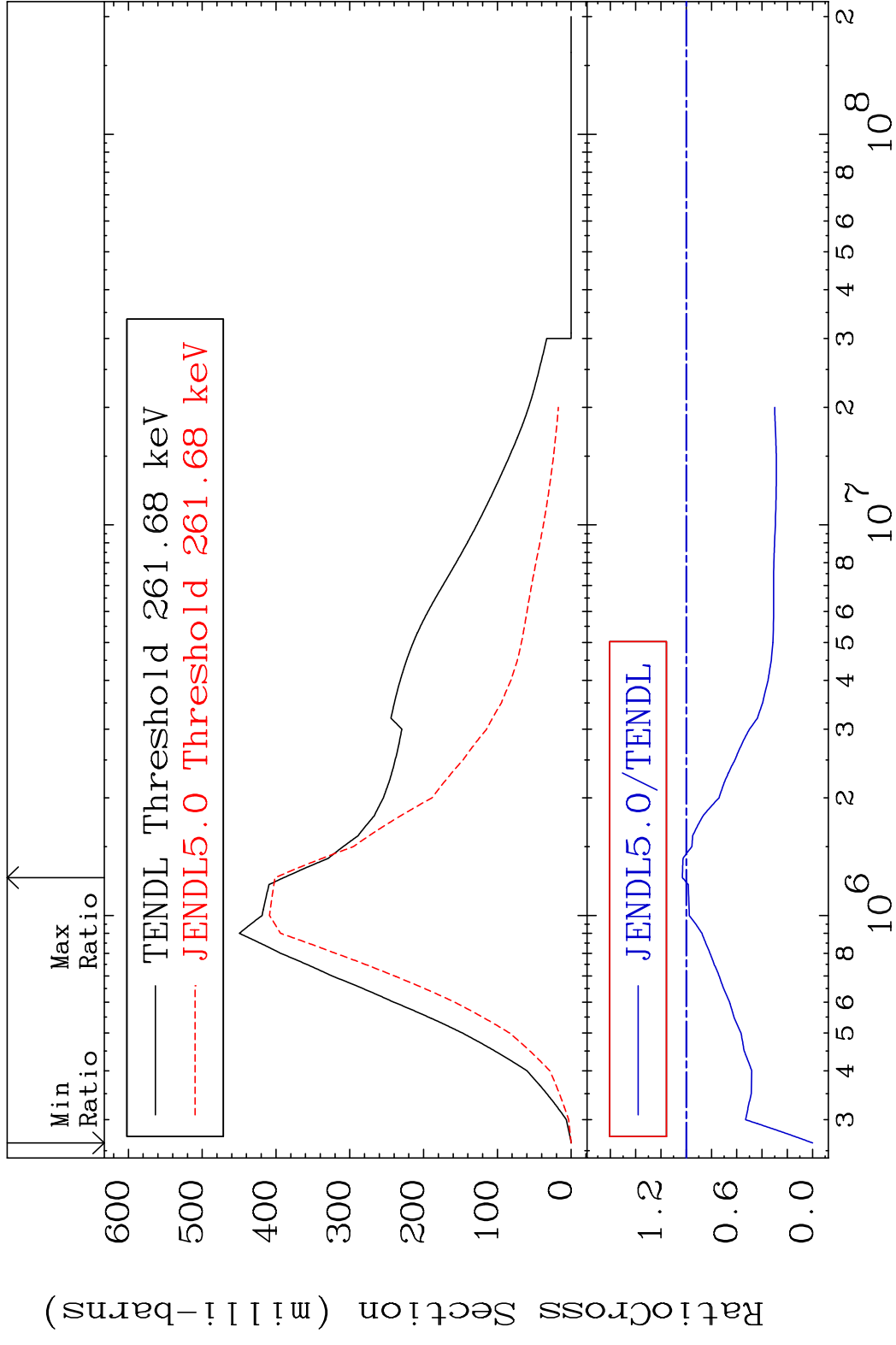
68-Er-170

MAT 6849 MT= 51 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 1029. %



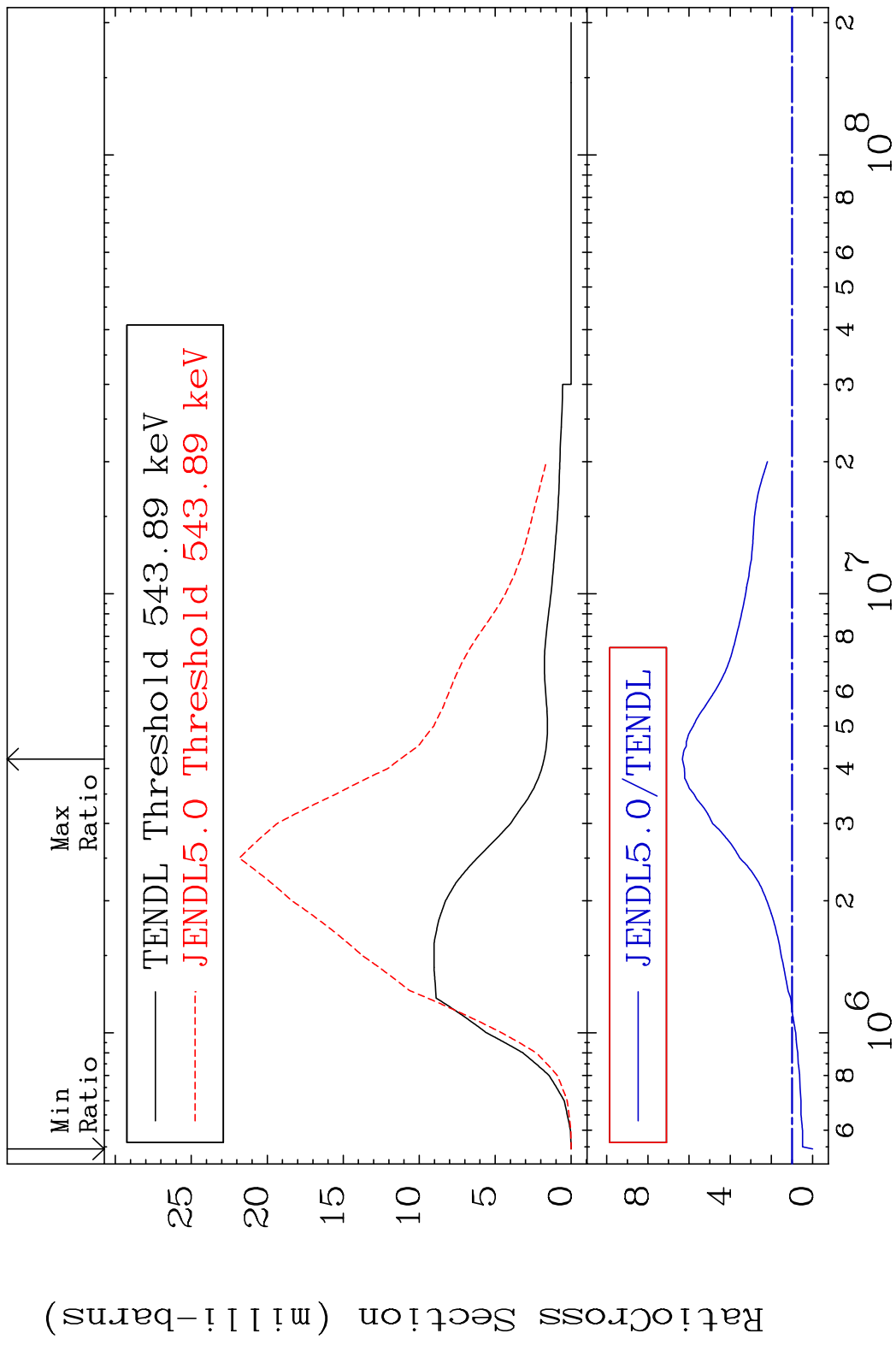
9 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 52 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 3.052 %

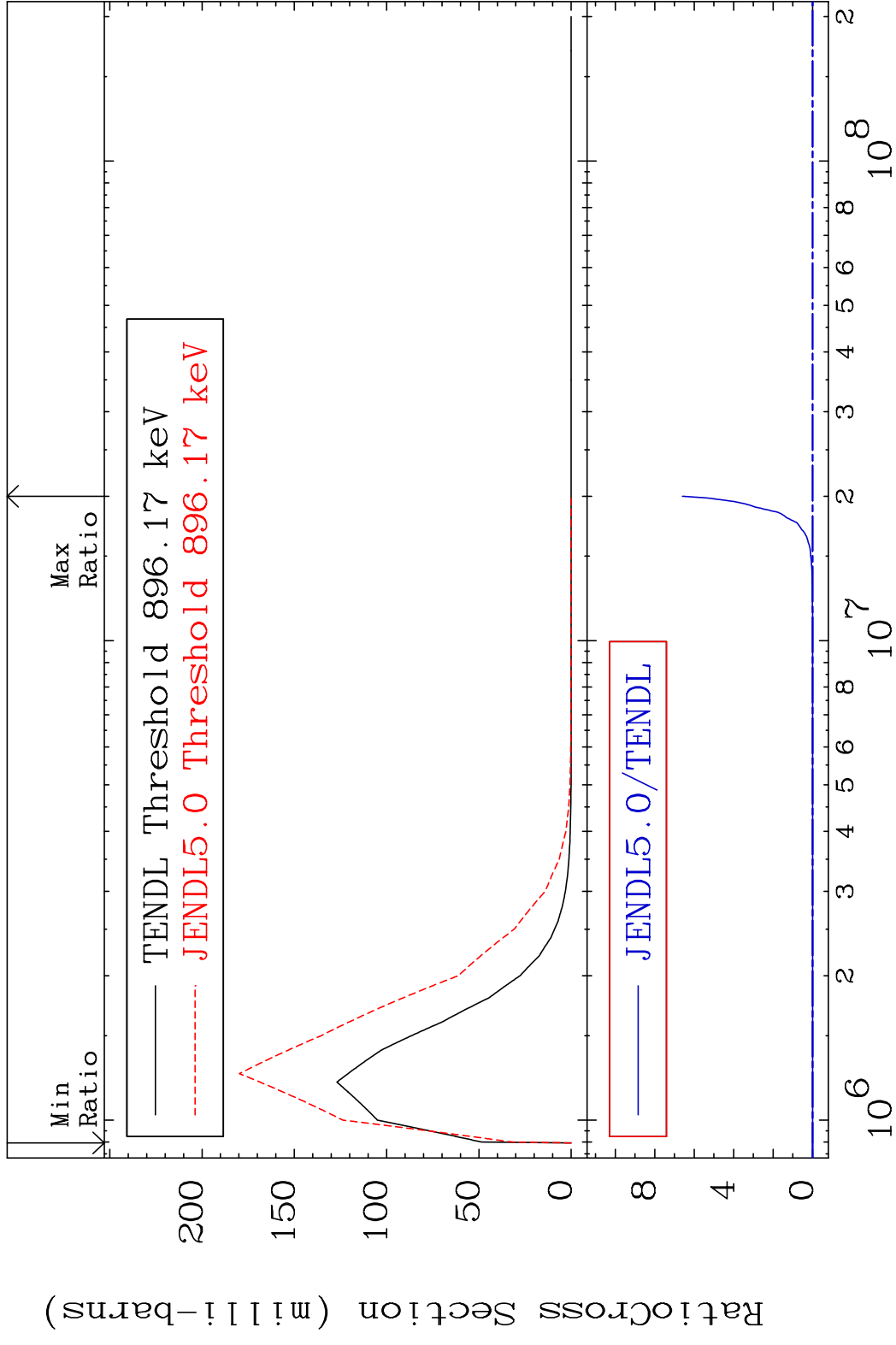


10 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 53 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 532.7 %

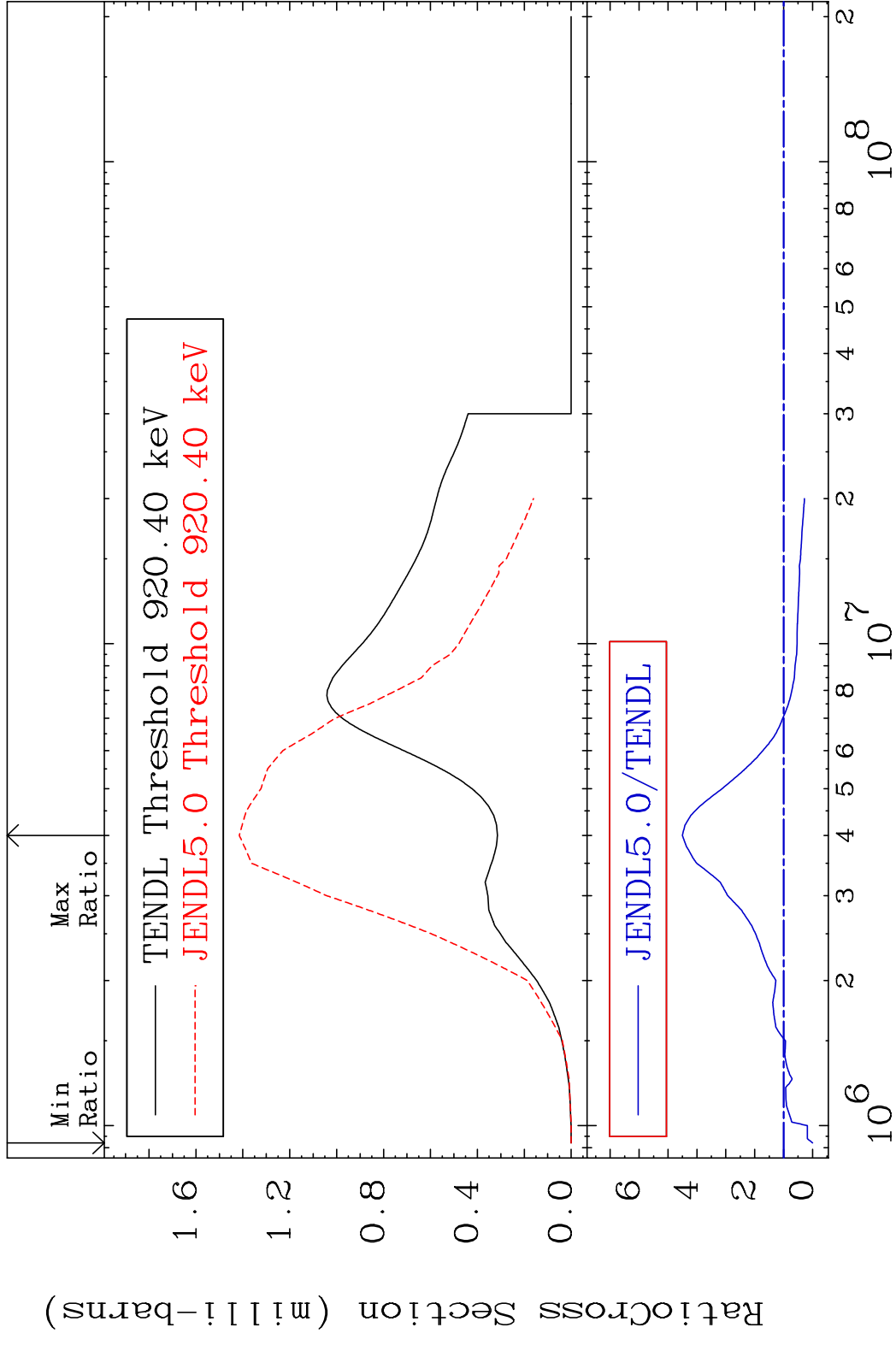


MAT 6849 MT= 54 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 9999. %

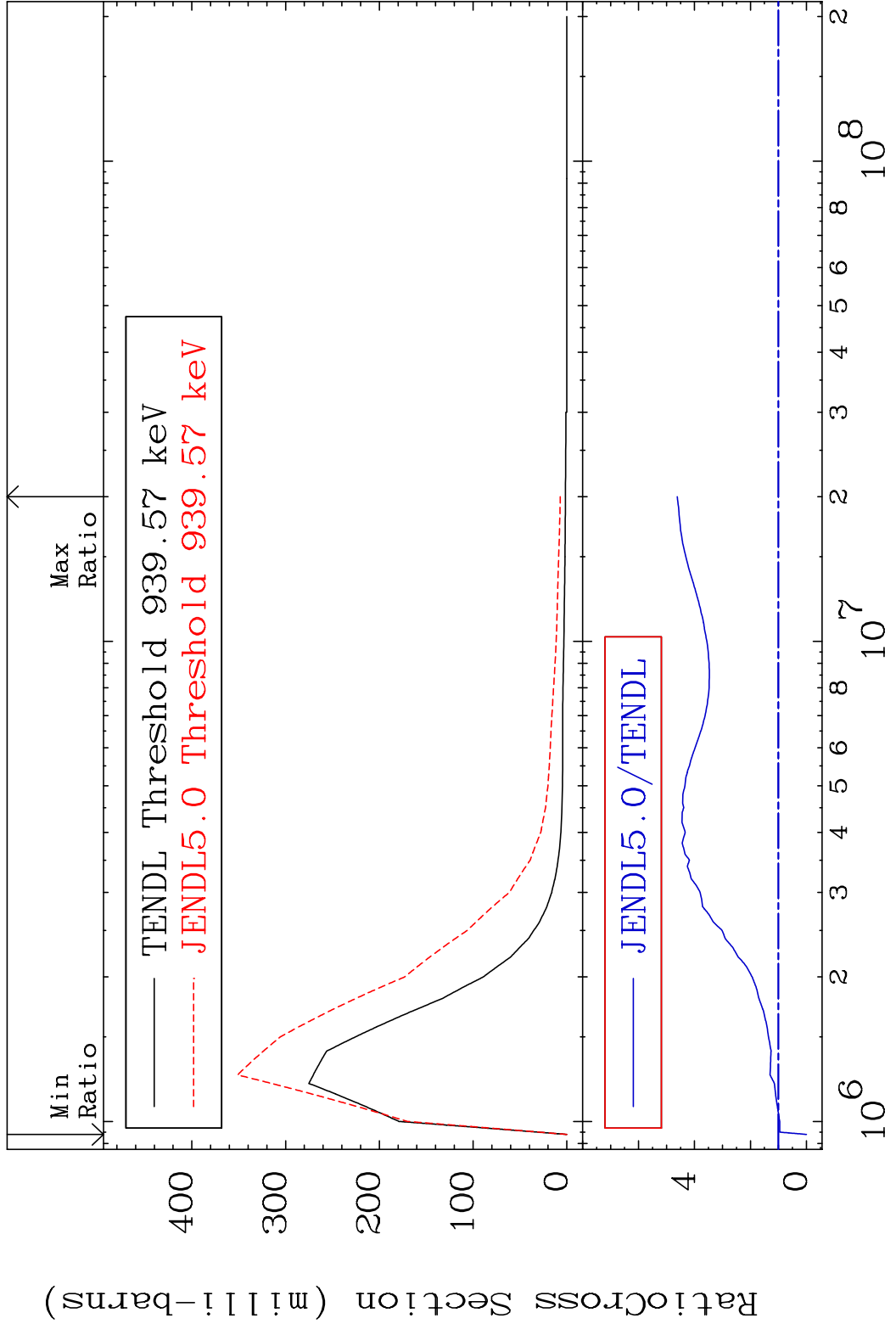


12 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 55 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 350.4 %

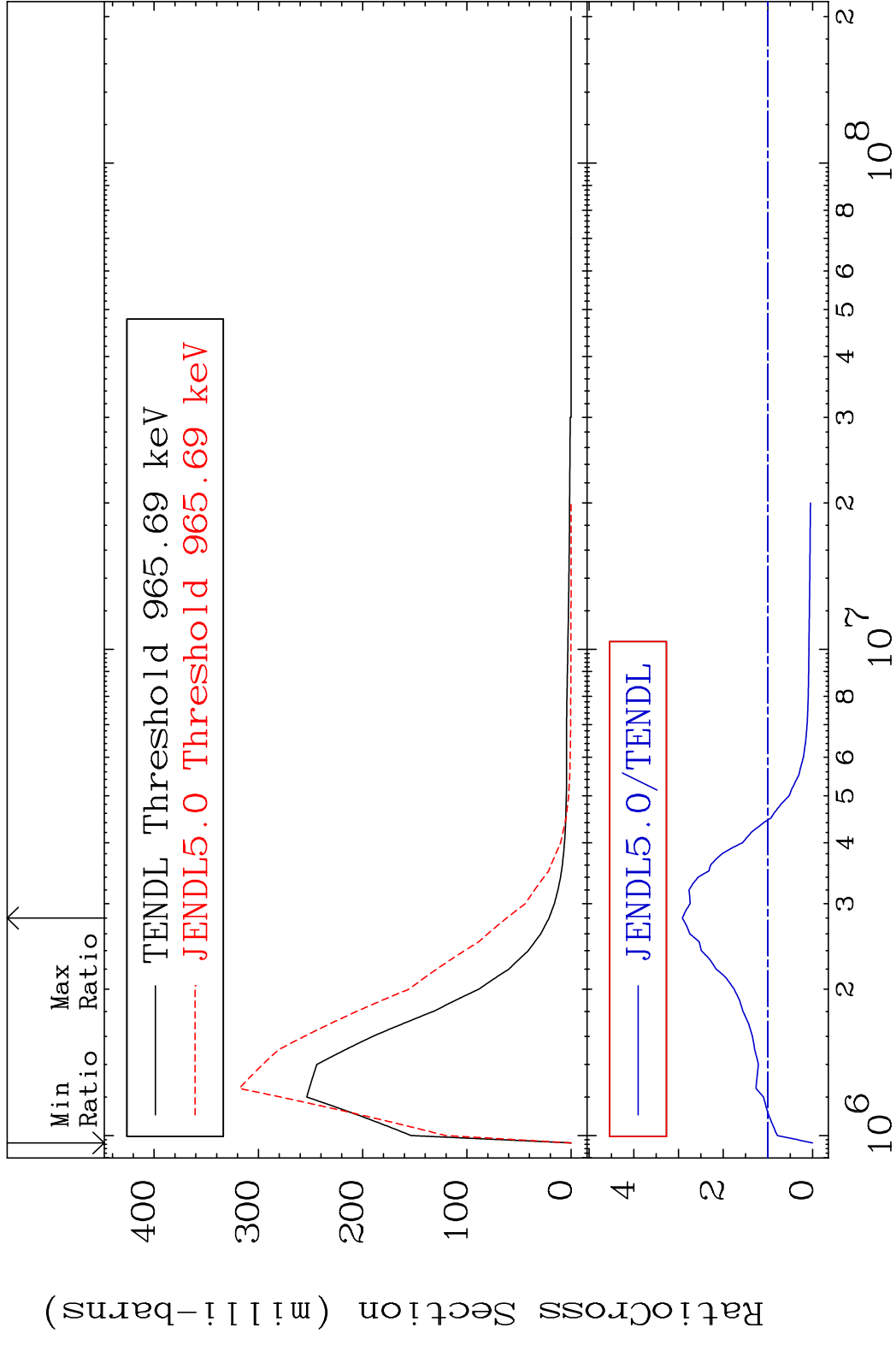


MAT 6849 MT= 56 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 361.9 %



14 Incident Energy (eV) 68-Er-170

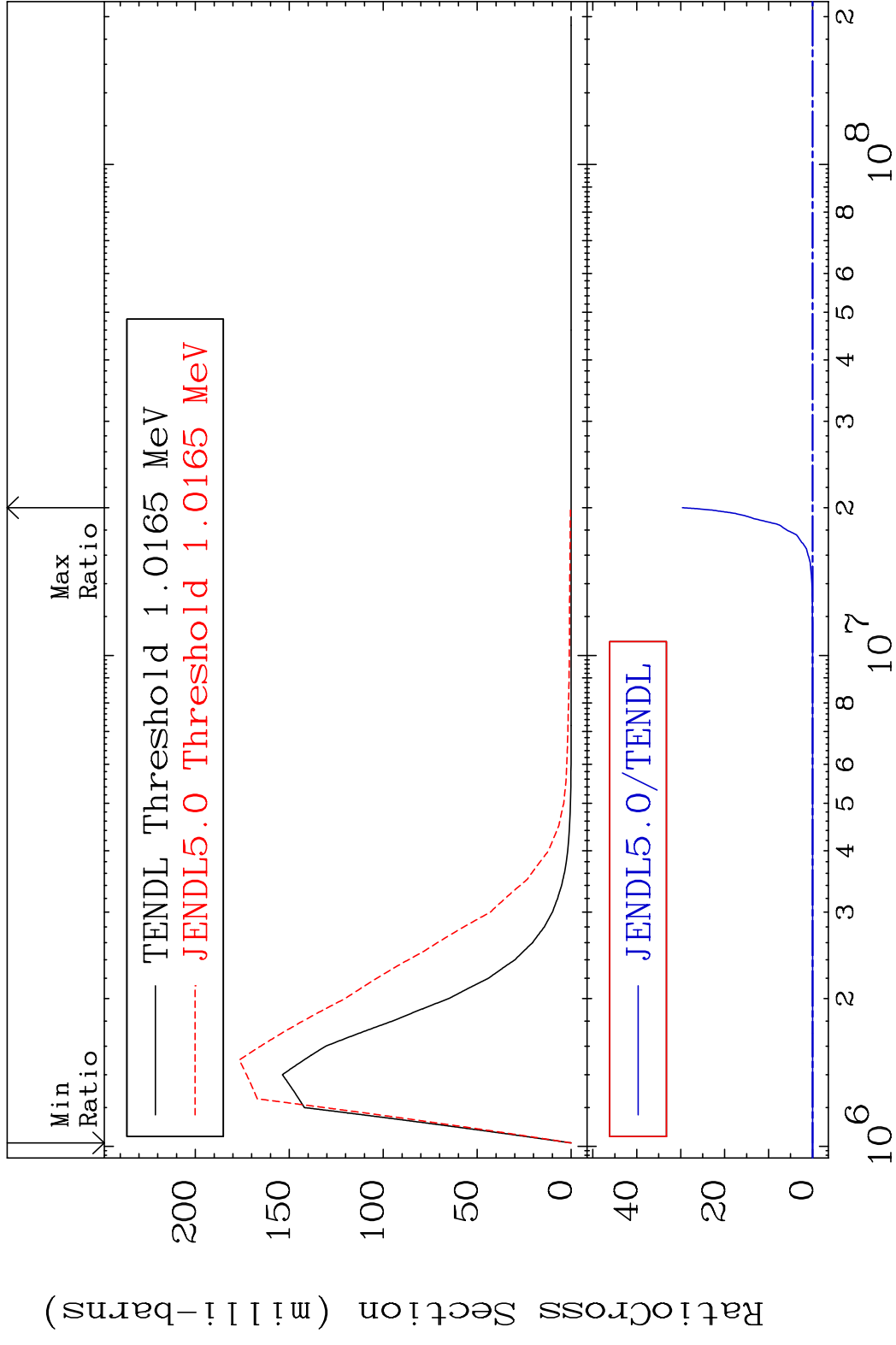
MAT 6849 MT= 57 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 191.5 %



15 Incident Energy (eV) 68-Er-170

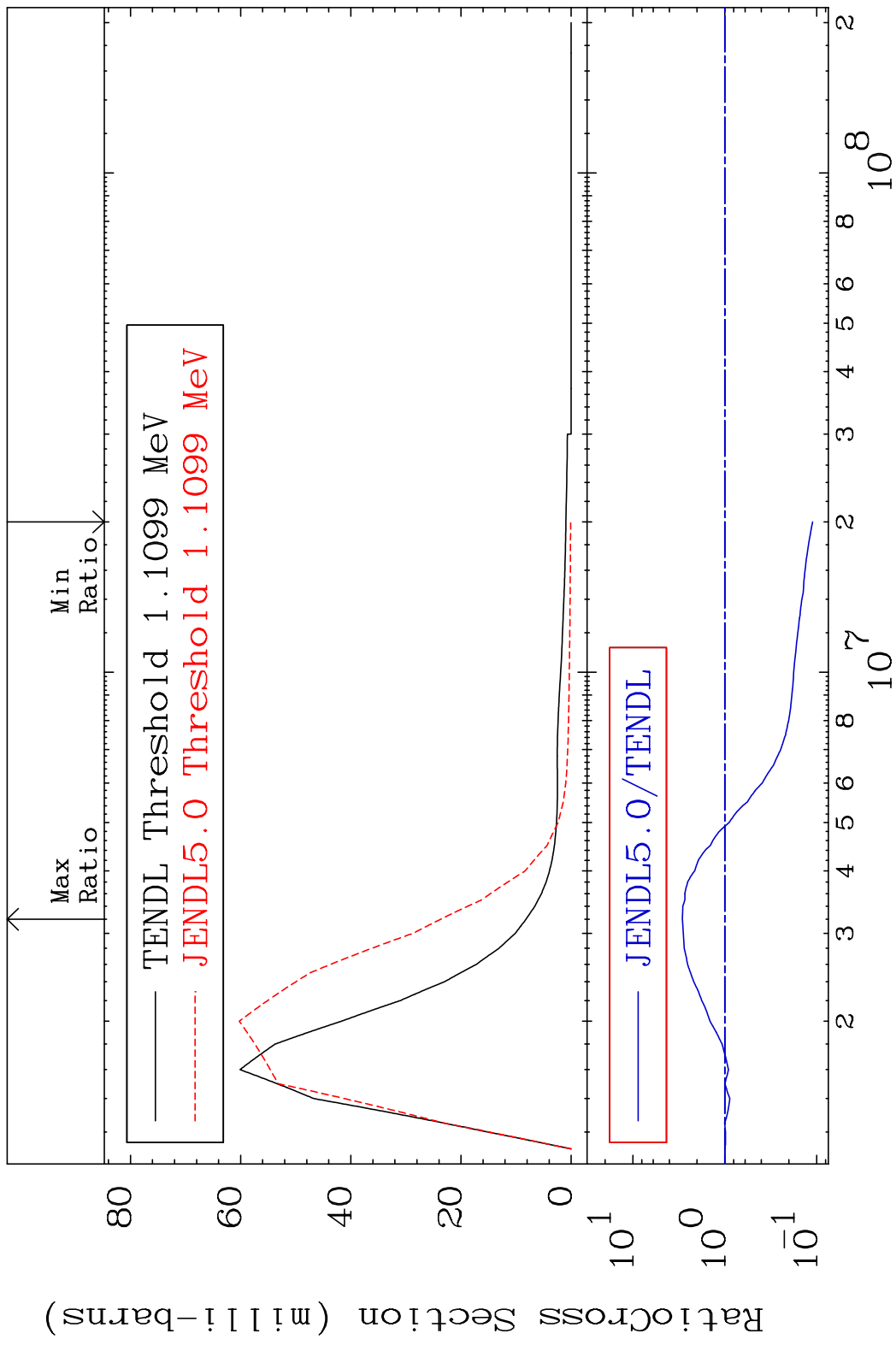


MAT 6849 MT= 58 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 9999. %

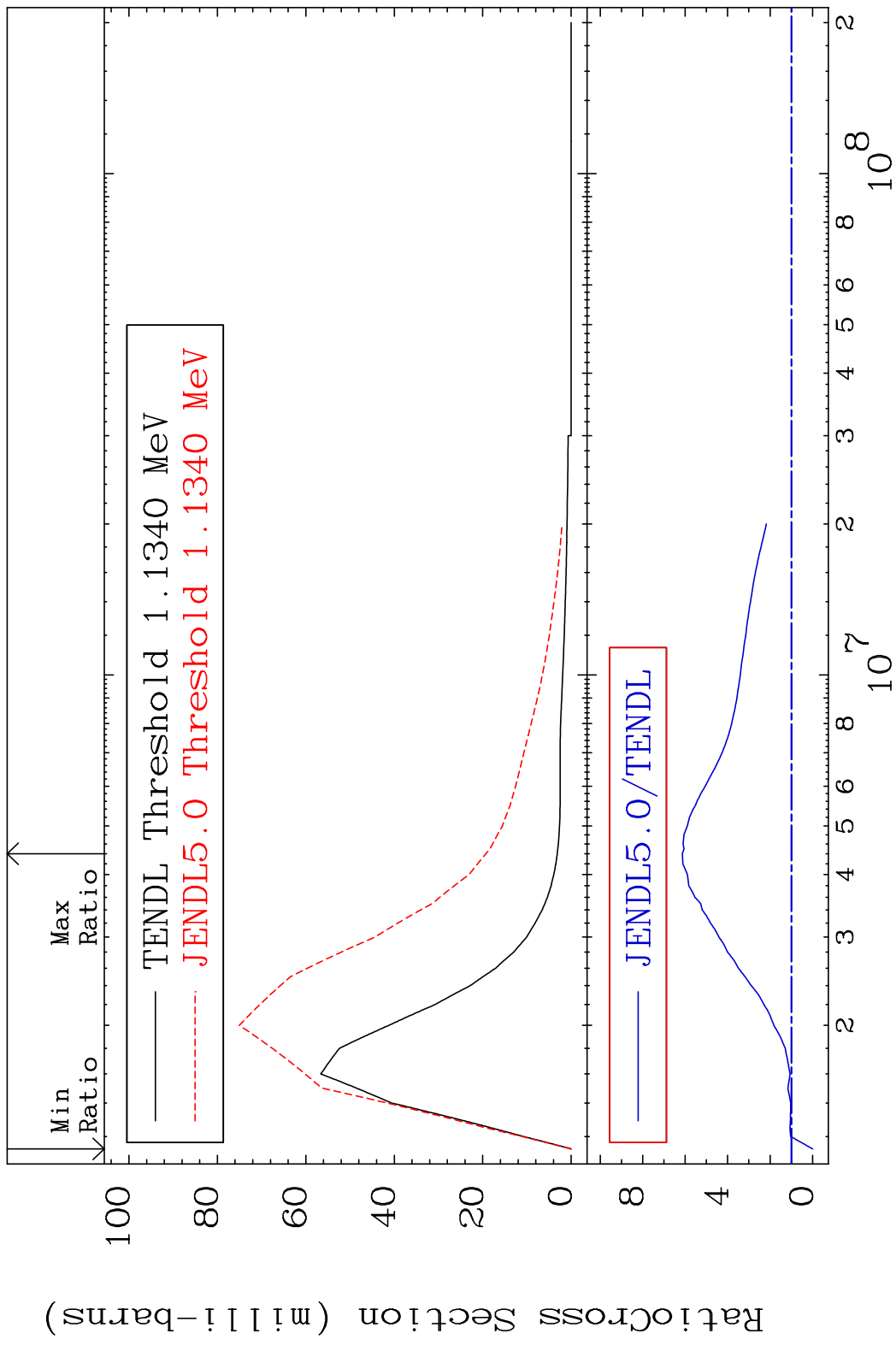


16 Incident Energy (eV) 68-Er-170

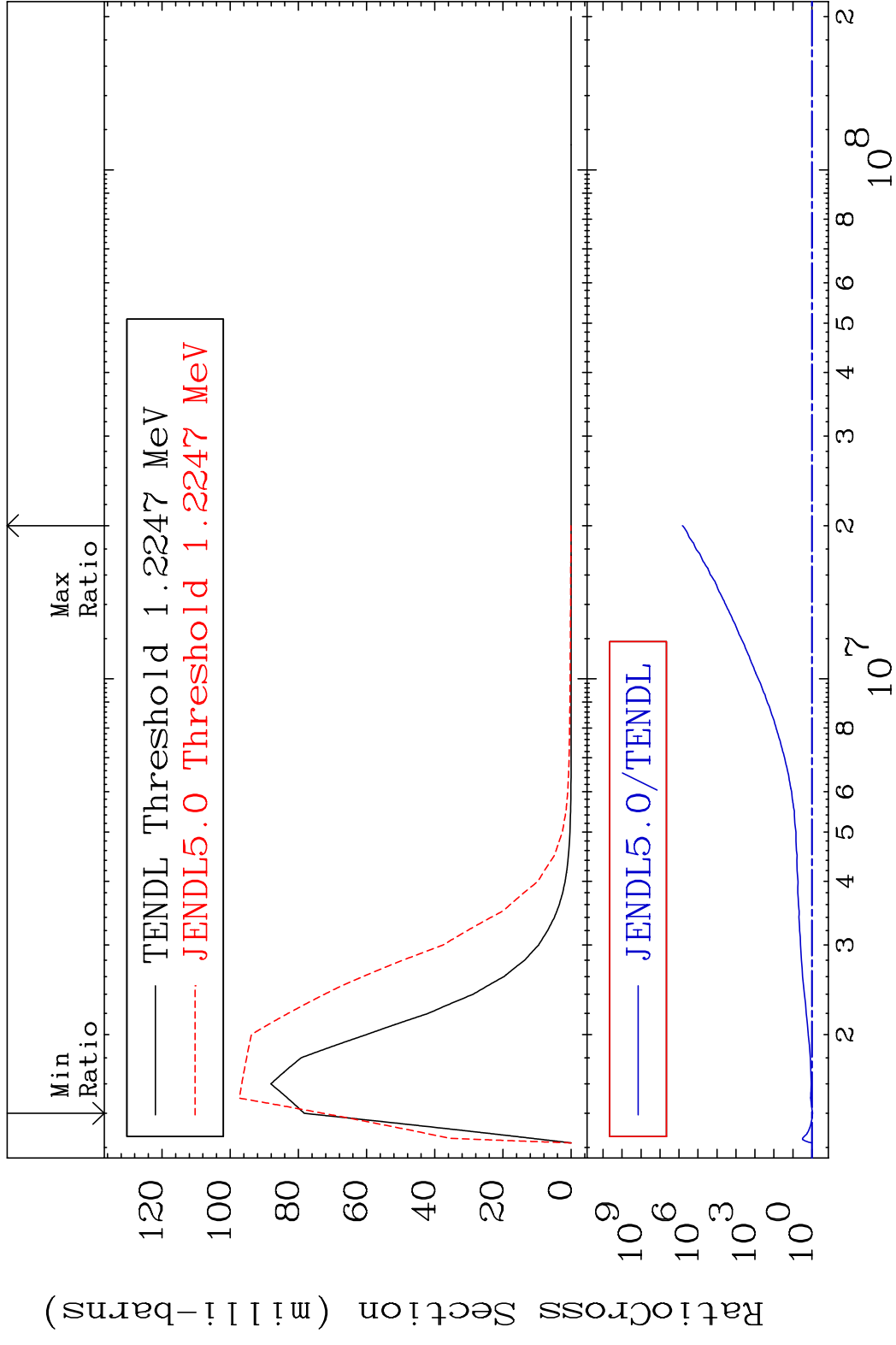
MAT 6849 MT= 59 (n, n') Level 68-Er-170  
 Cross Section -88.92 To 189.2 %



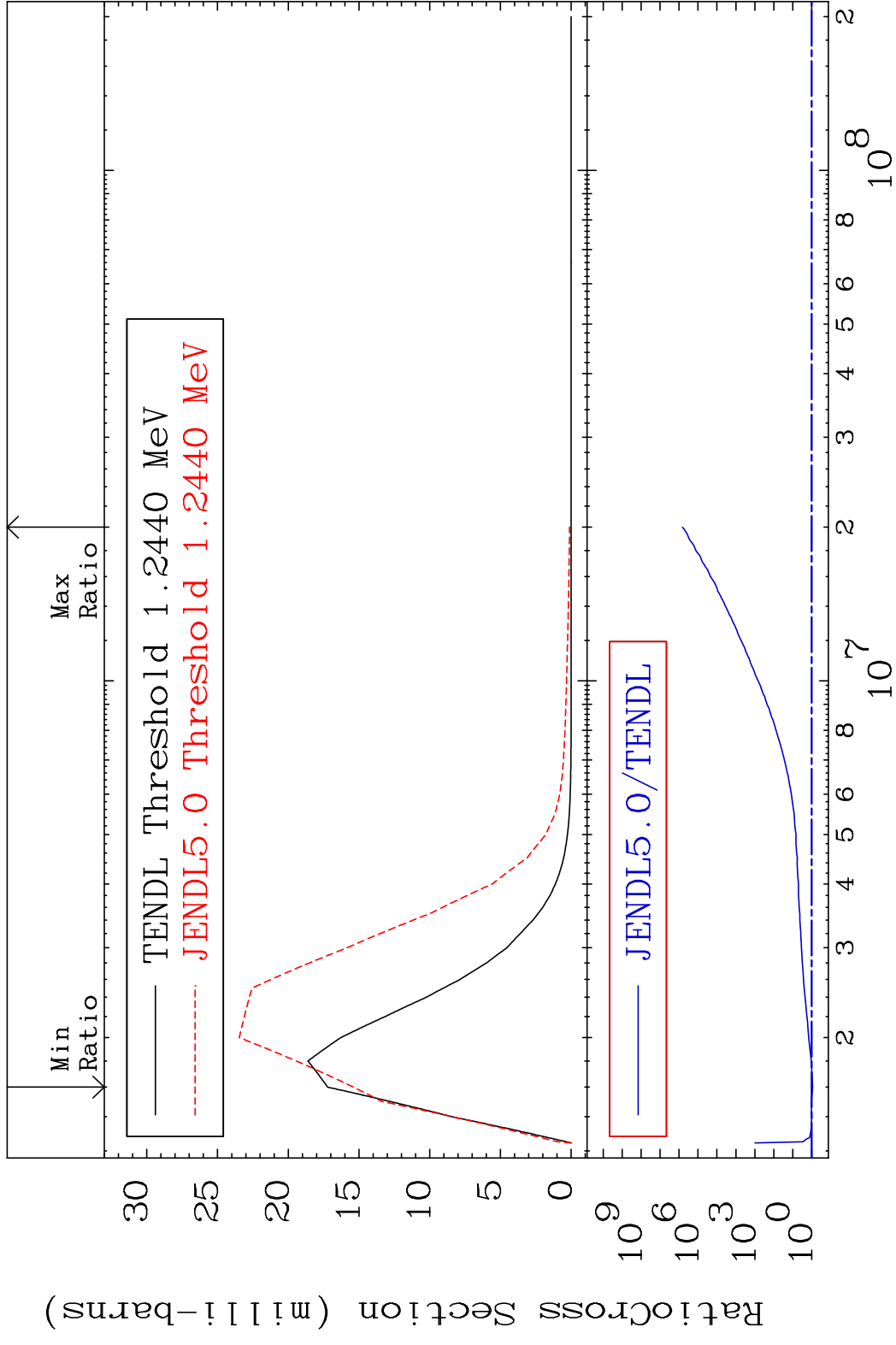
MAT 6849 MT= 60 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 513.1 %



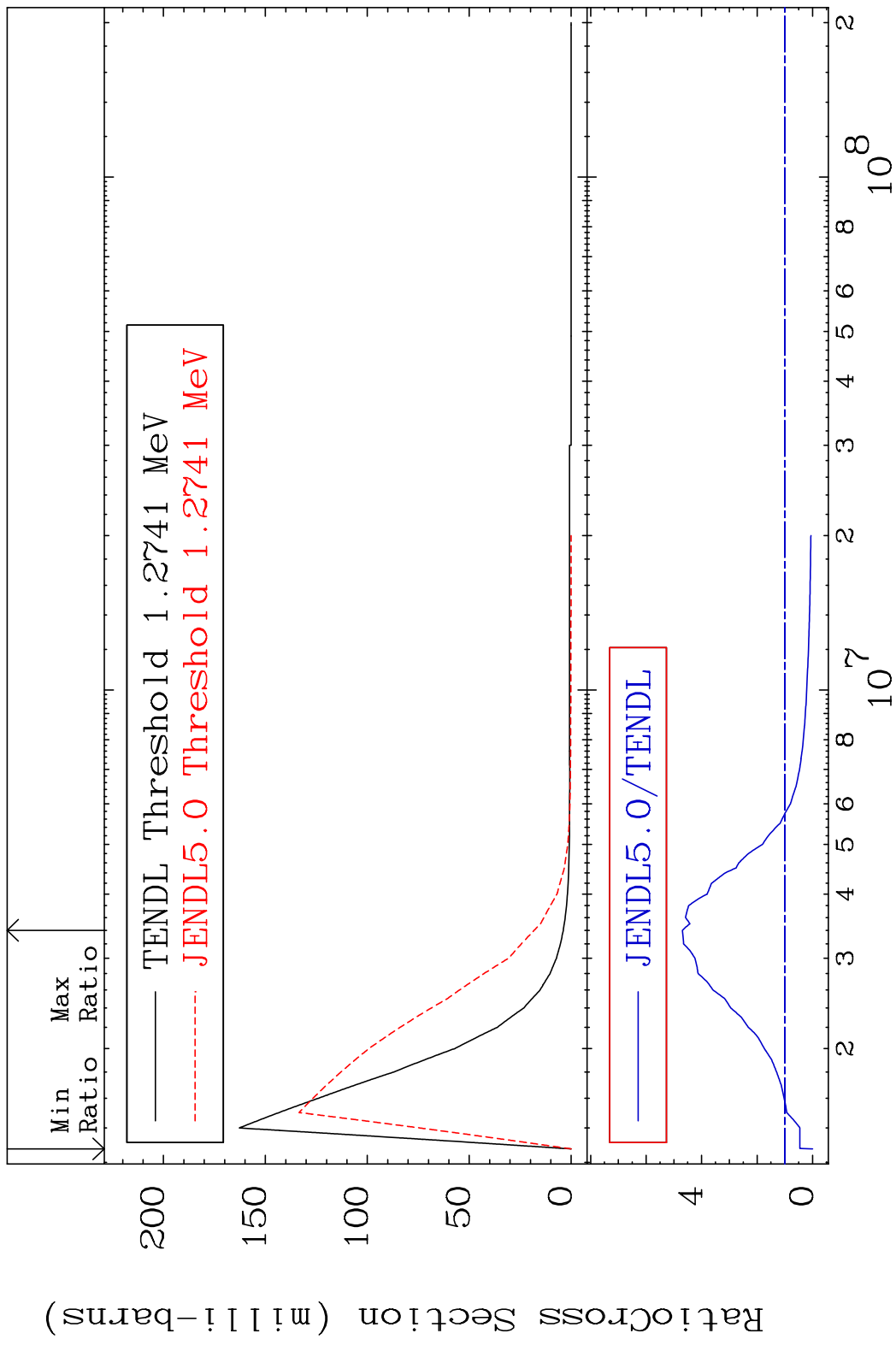
MAT 6849 MT= 61 (n, n') Level 68-Er-170  
 Cross Section -7.282 To 9999. %



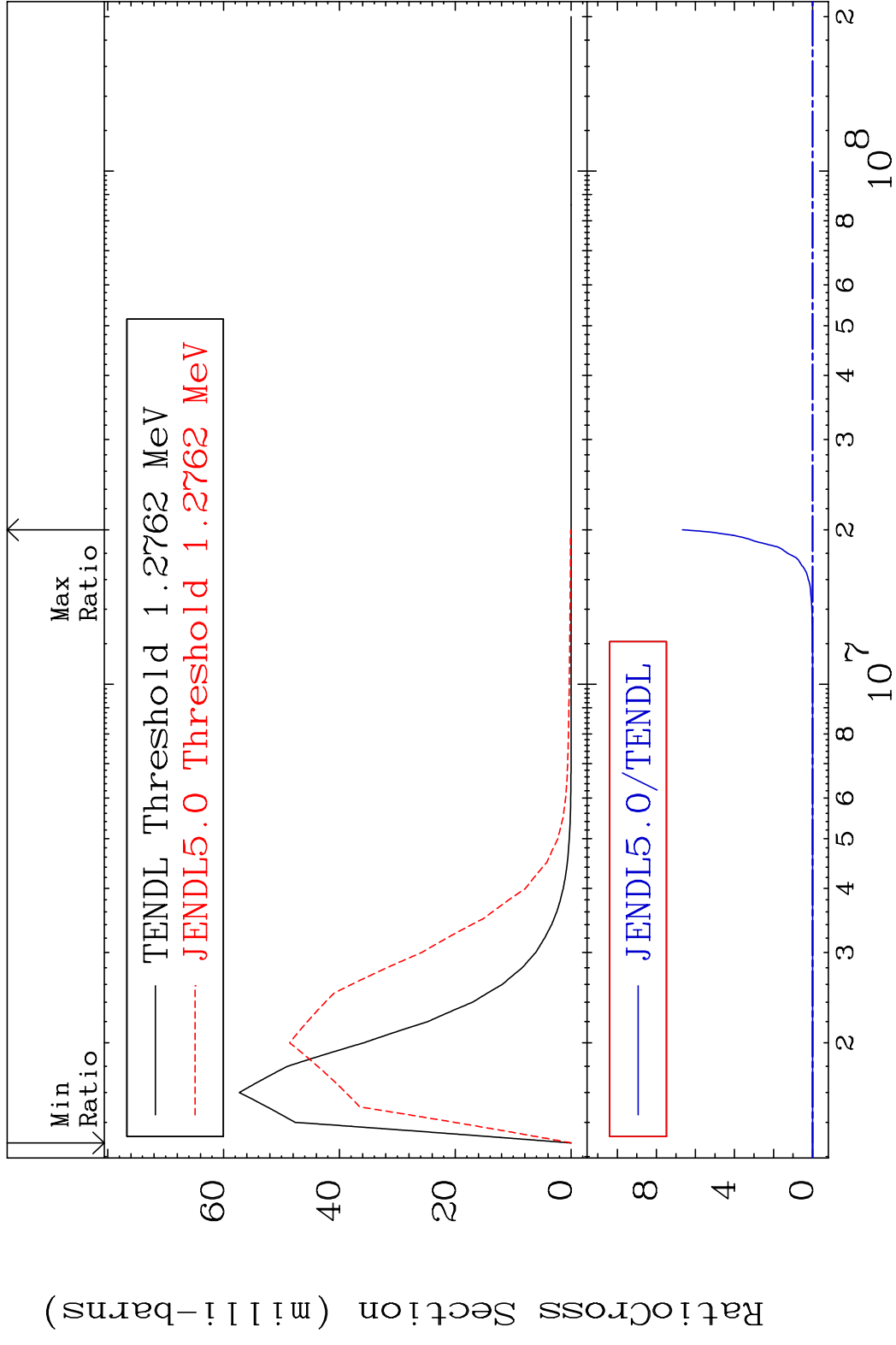
MAT 6849 MT= 62 (n, n') Level 68-Er-170  
 Cross Section -10.52 To 9999. %



MAT 6849 MT= 63 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 369.4 %

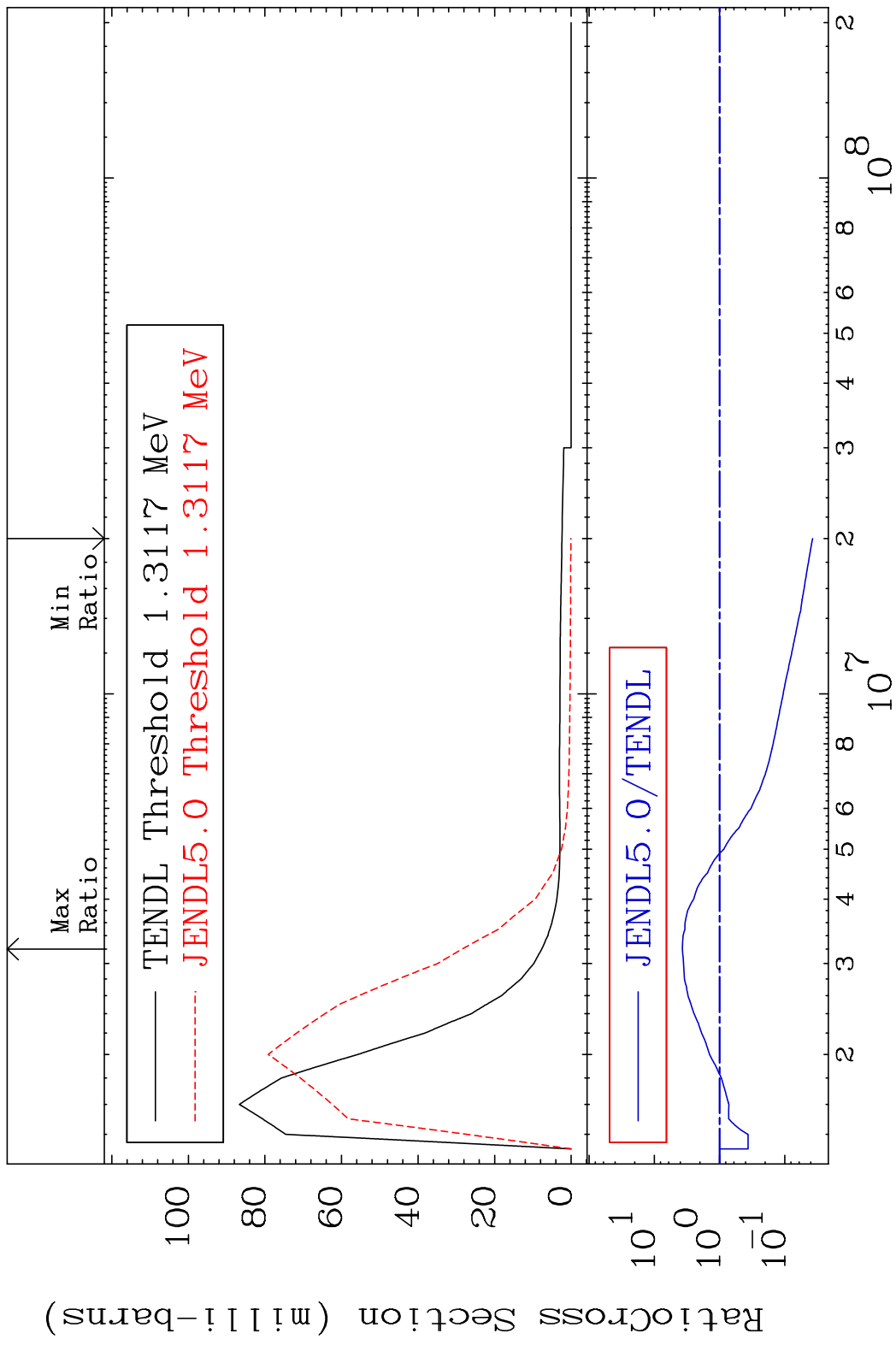


MAT 6849 MT= 64 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 9999. %



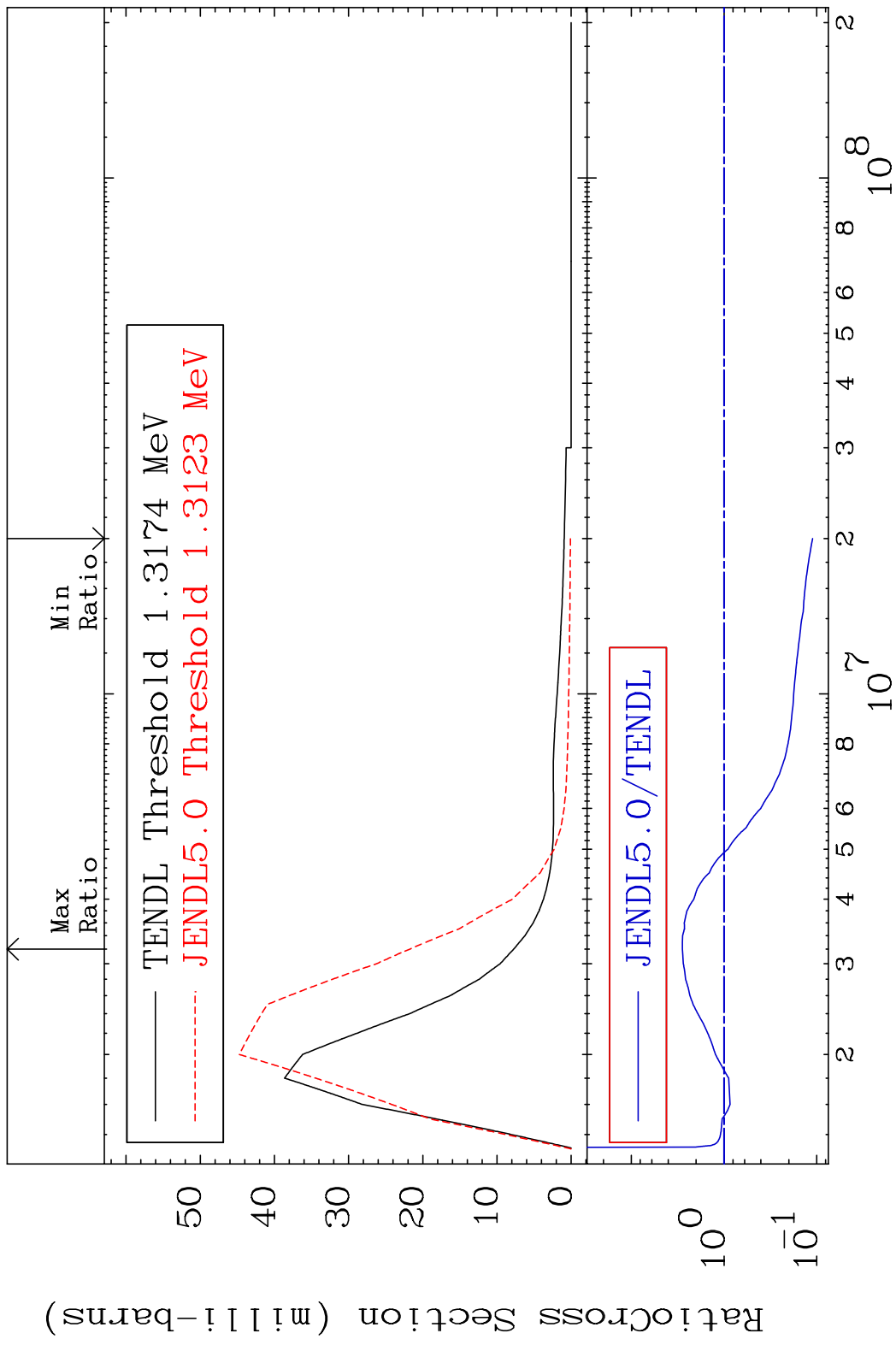
22 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 65 (n, n') Level 68-Er-170  
 Cross Section -96.26 To 271.1 %

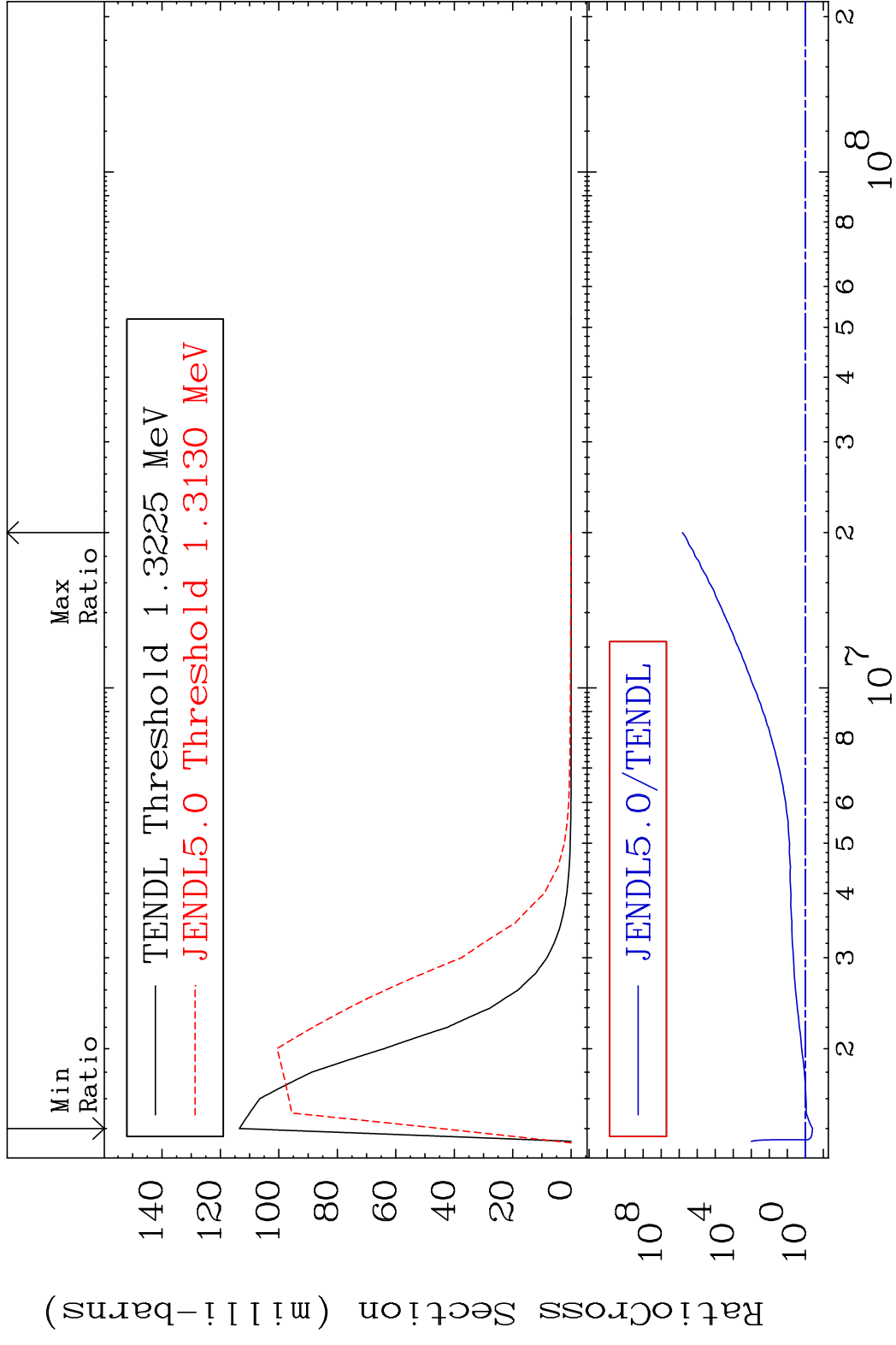




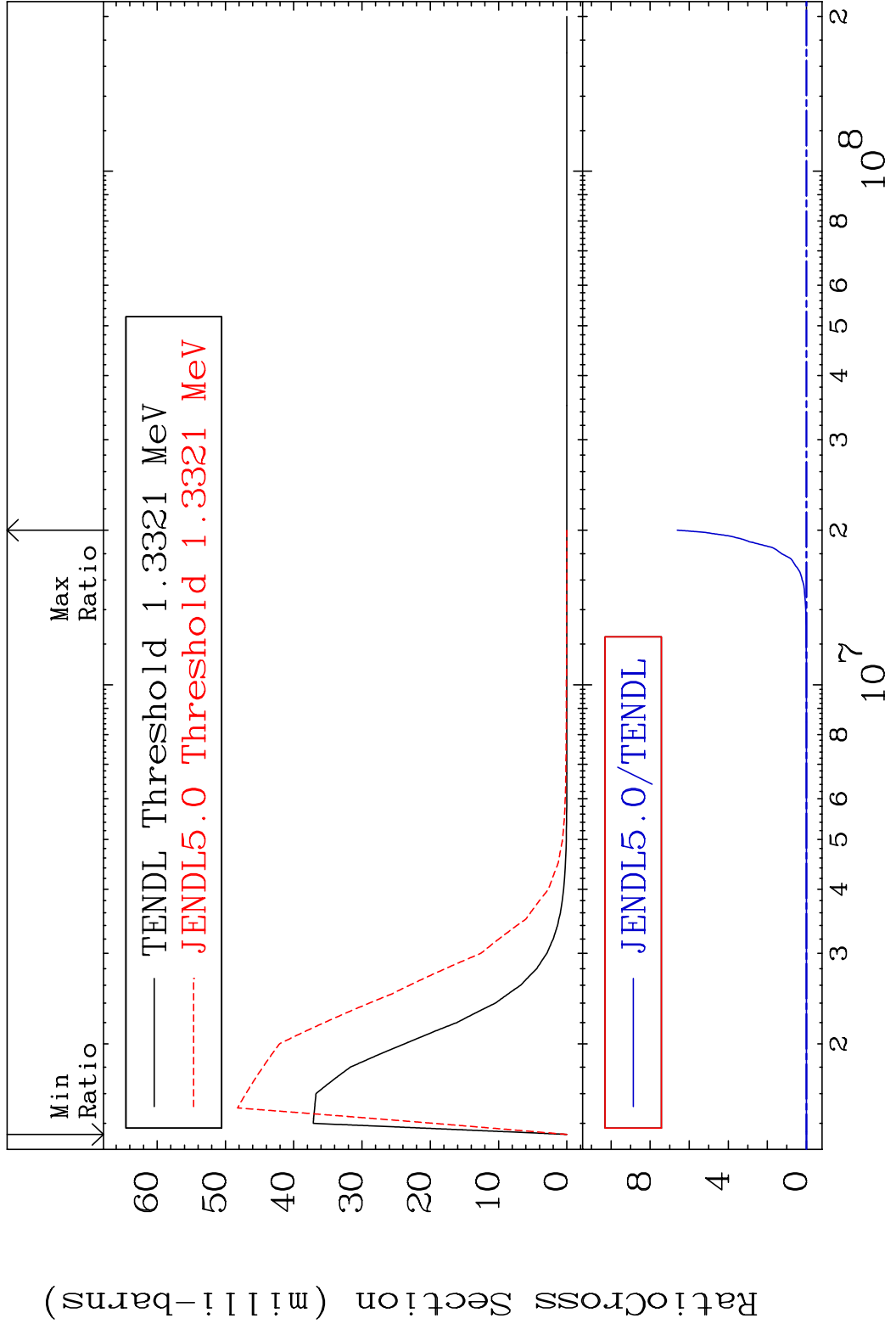
MAT 6849 MT= 66 (n, n') Level 68-Er-170  
 Cross Section -88.91 To 181.4 %



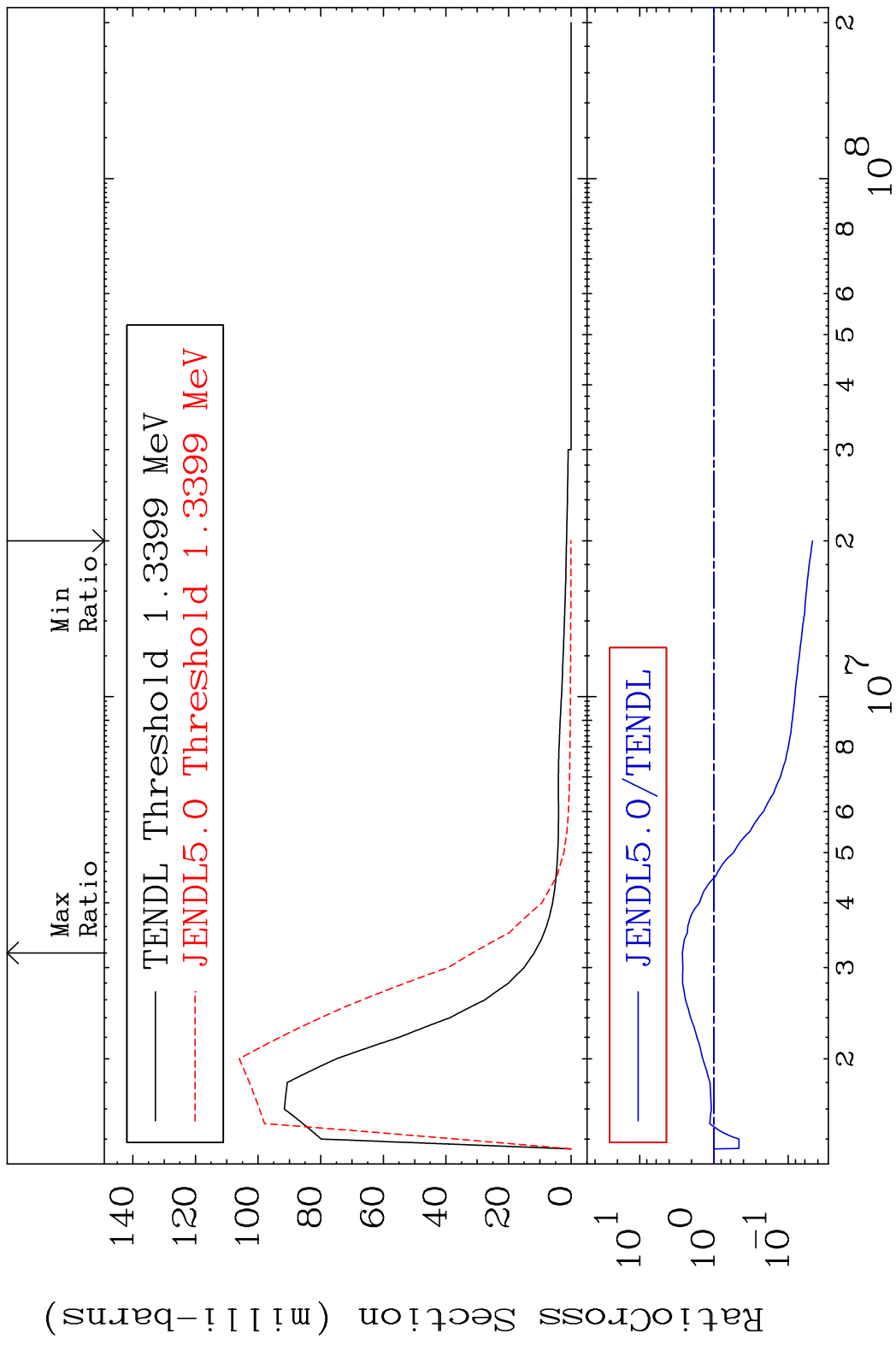
MAT 6849 MT= 67 (n, n') Level 68-Er-170  
 Cross Section -60.83 To 9999. %



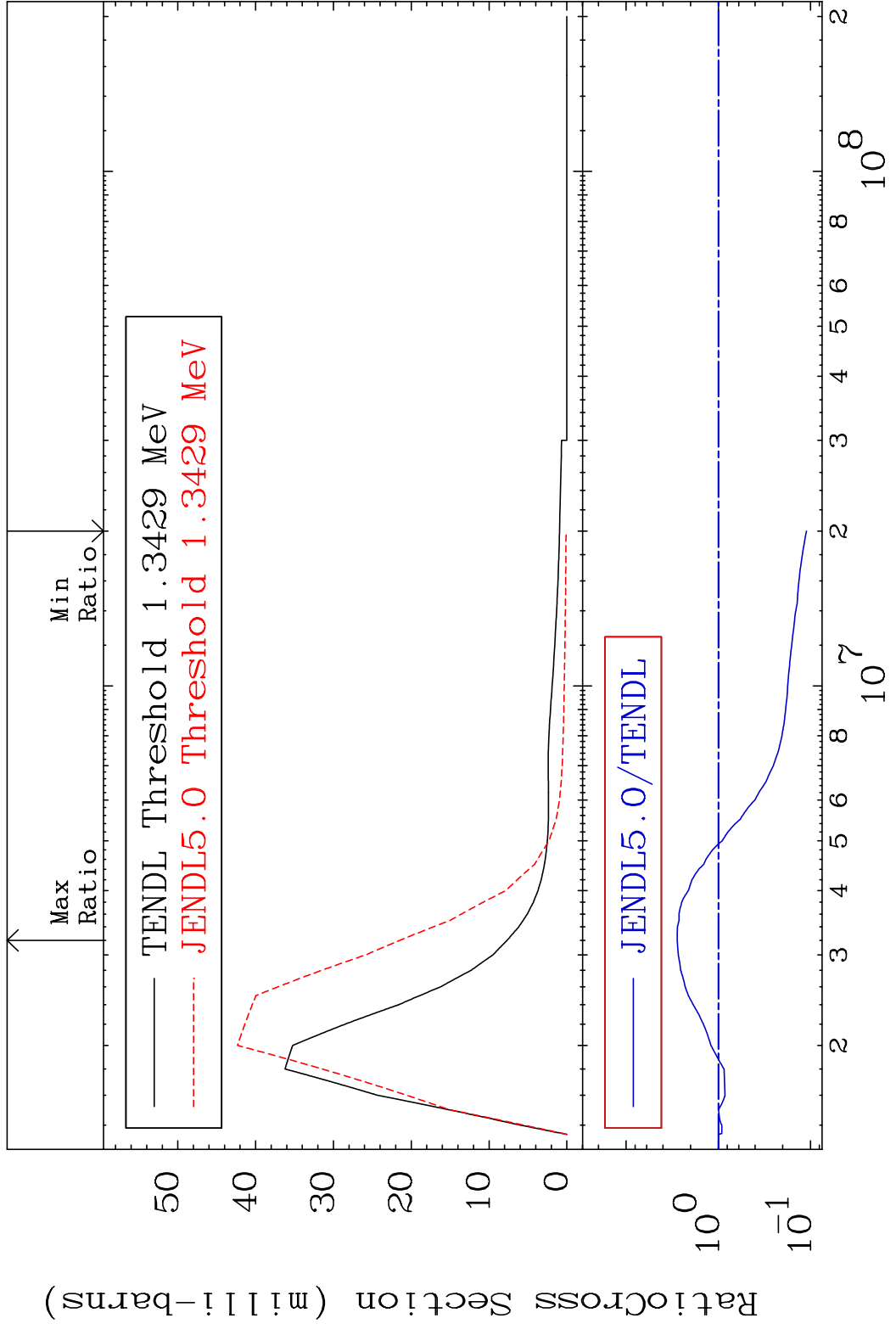
MAT 6849 MT= 68 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 9999. %



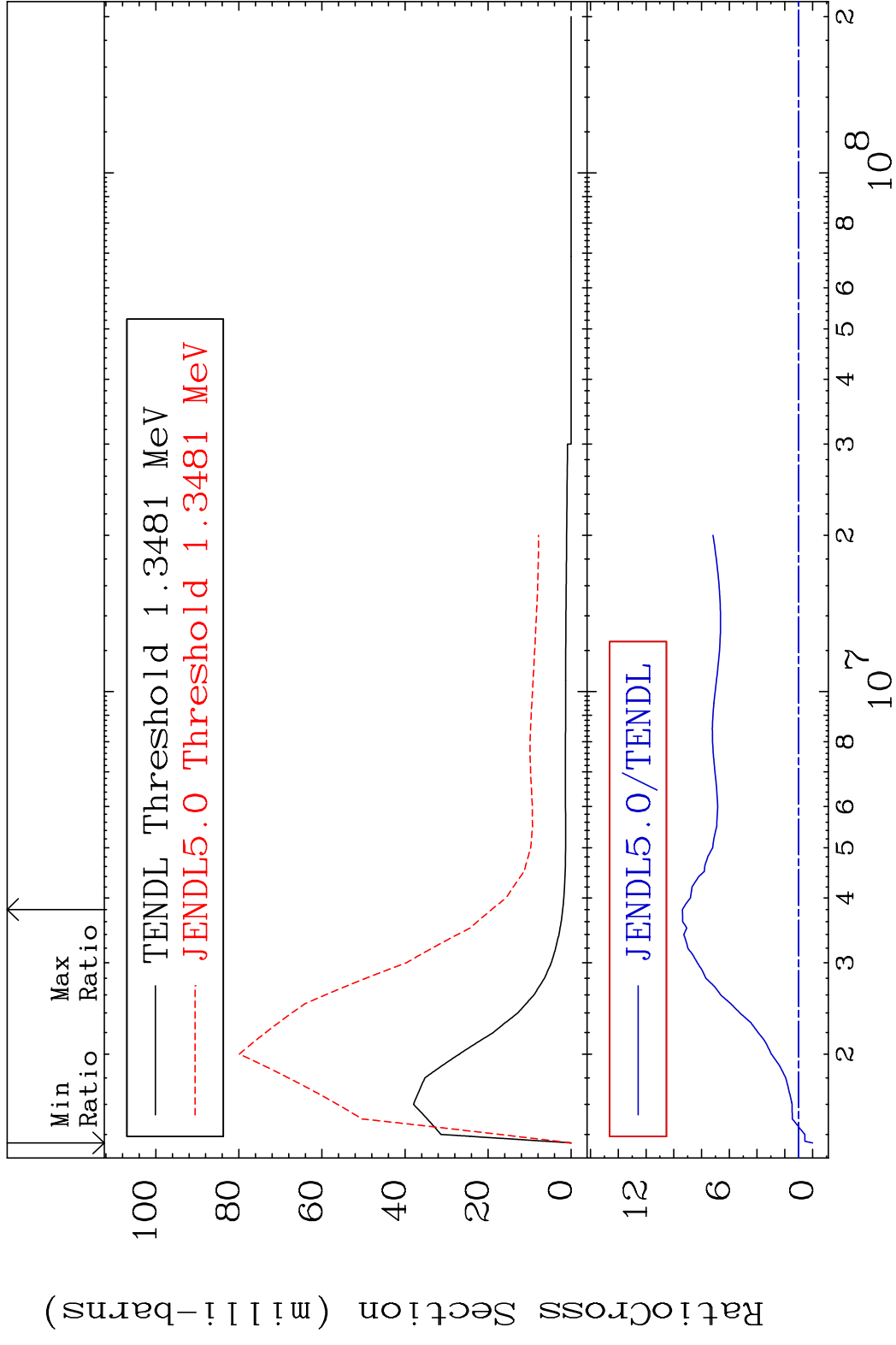
MAT 6849 MT= 69 (n, n') Level 68-Er-170  
 Cross Section -95.29 To 166.4 %



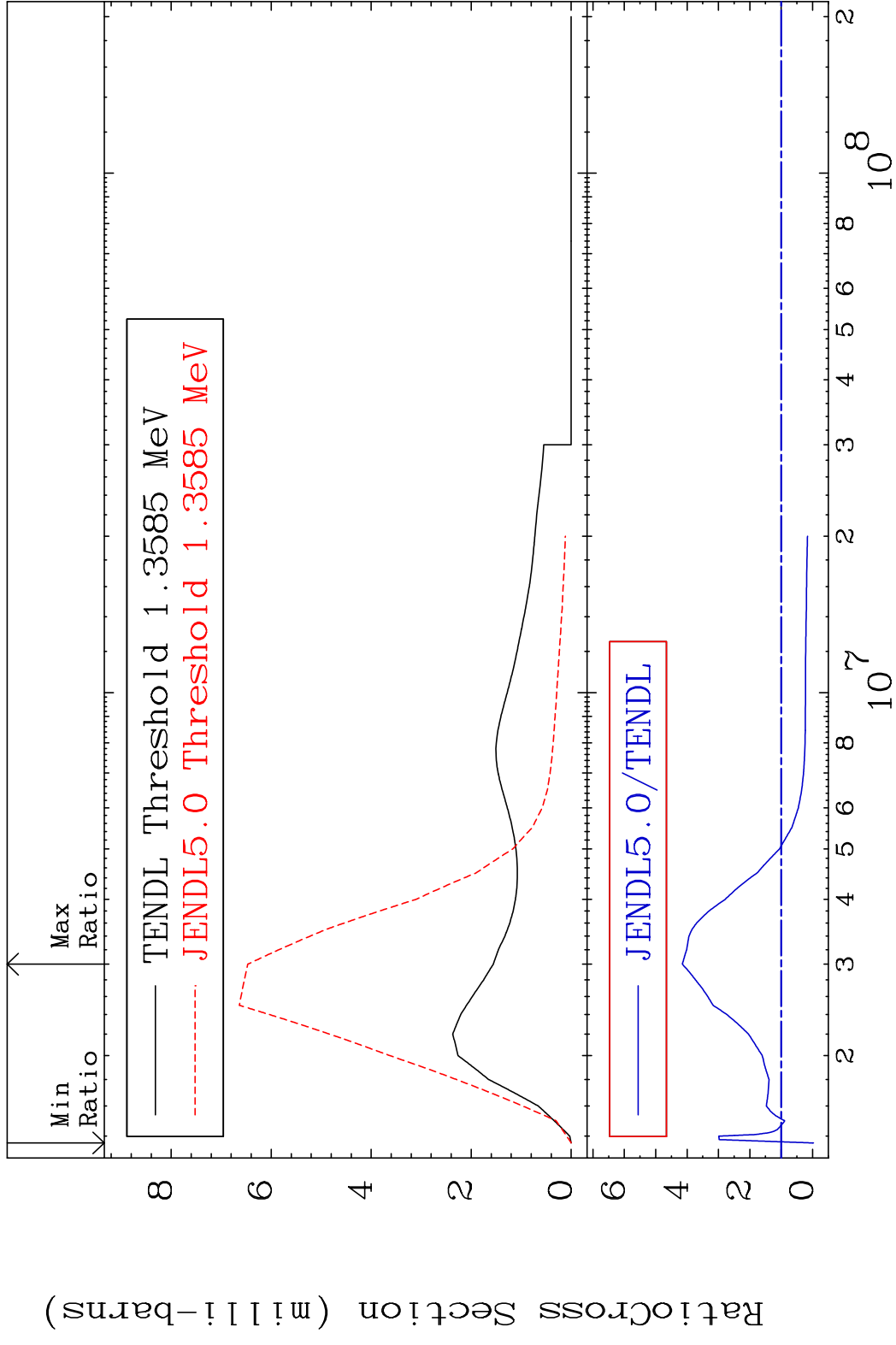
MAT 6849 MT= 70 (n, n') Level 68-Er-170  
 Cross Section -88.92 To 179.6 %



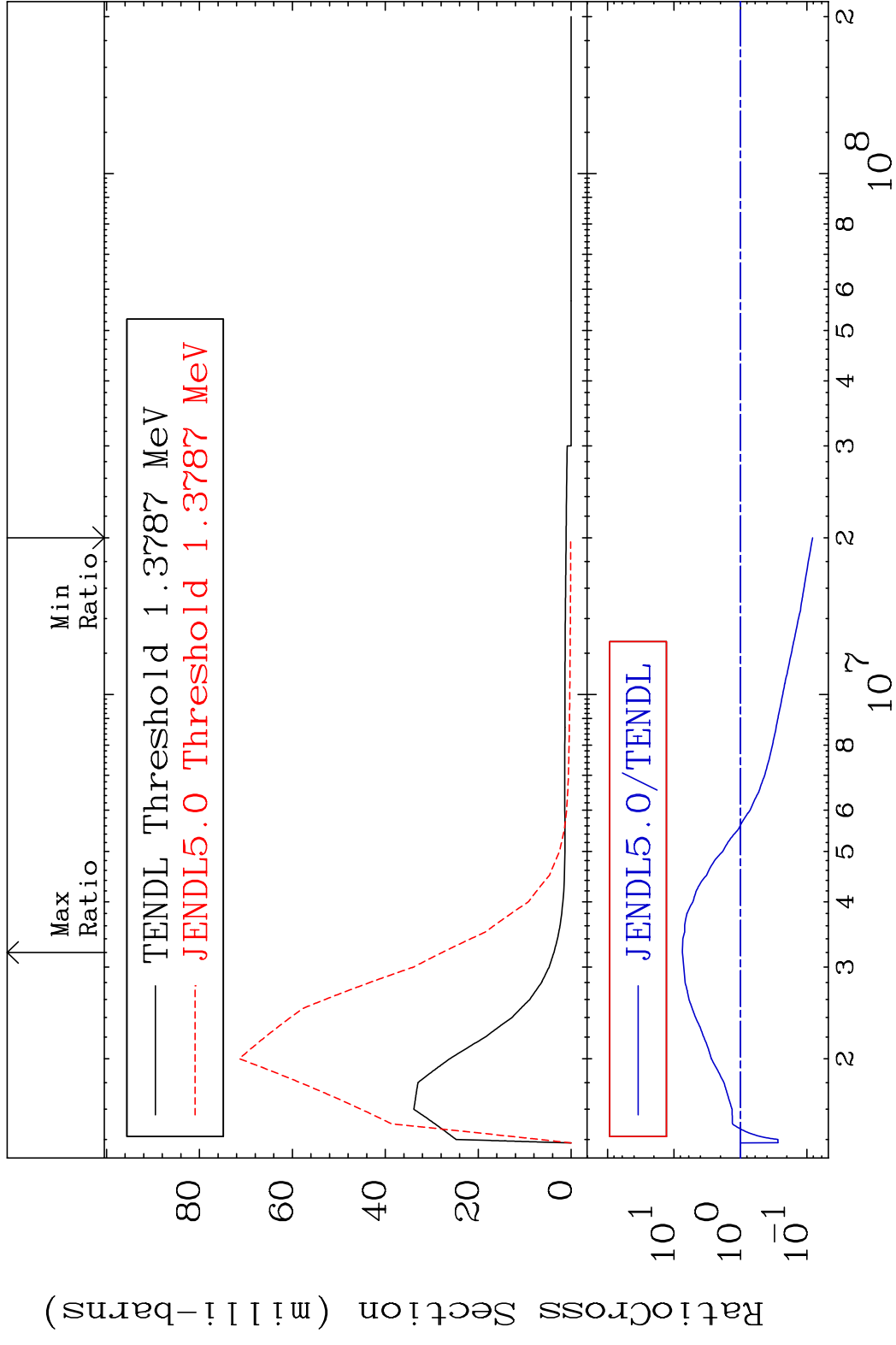
MAT 6849 MT= 71 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 838.3 %



MAT 6849 MT= 72 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 315.0 %

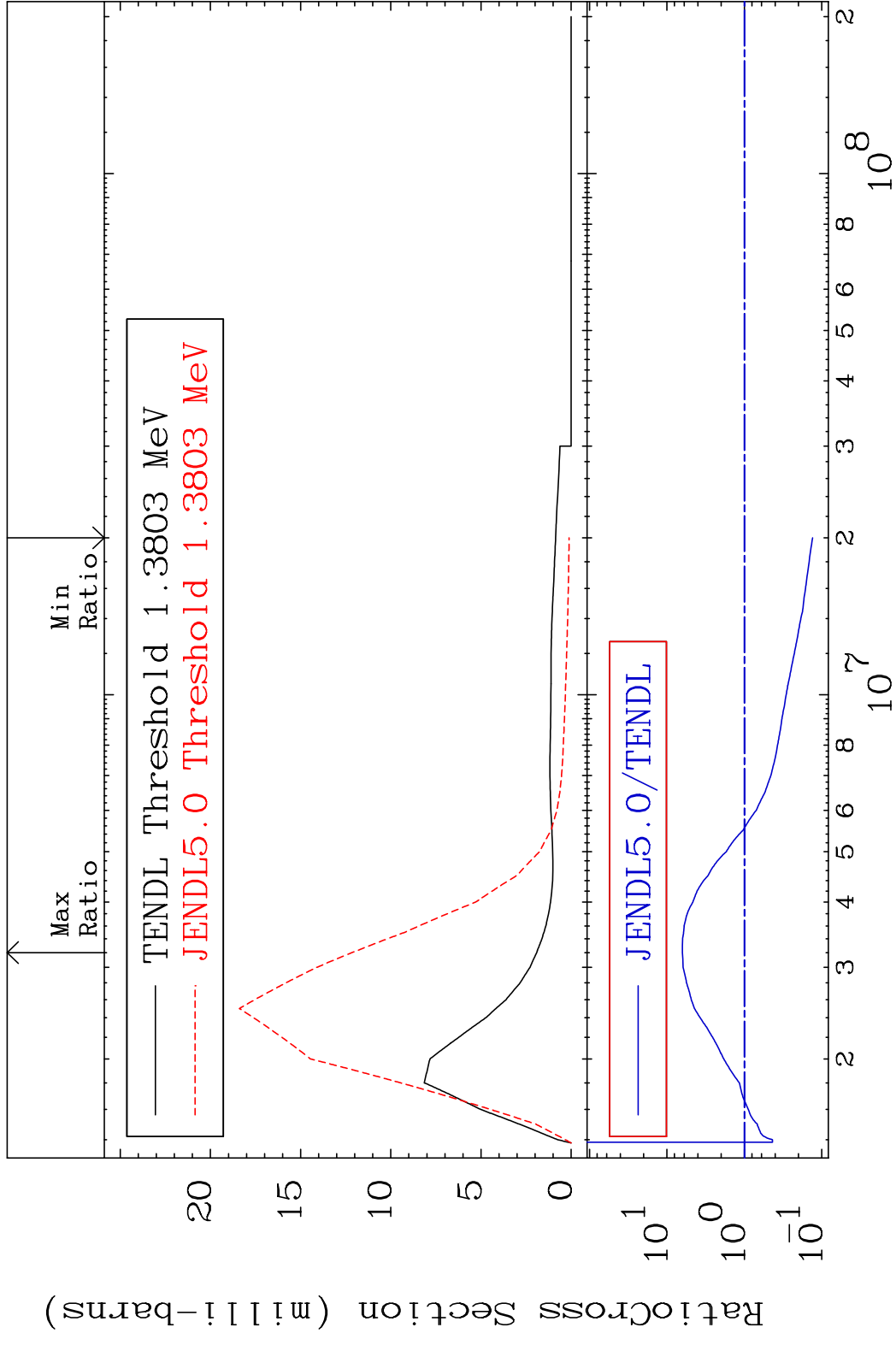


MAT 6849 MT= 73 (n, n') Level 68-Er-170  
 Cross Section -91.77 To 648.1 %

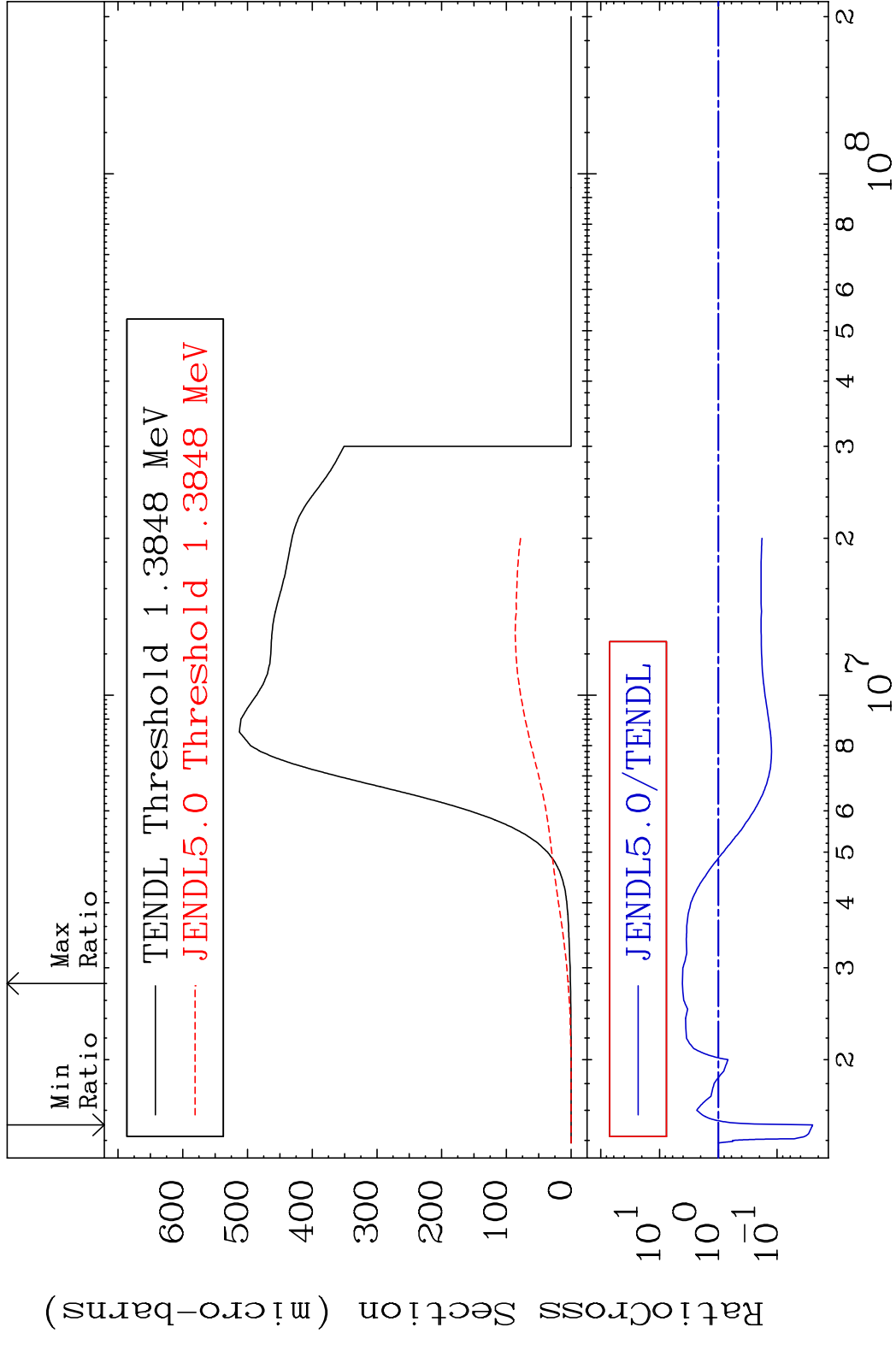




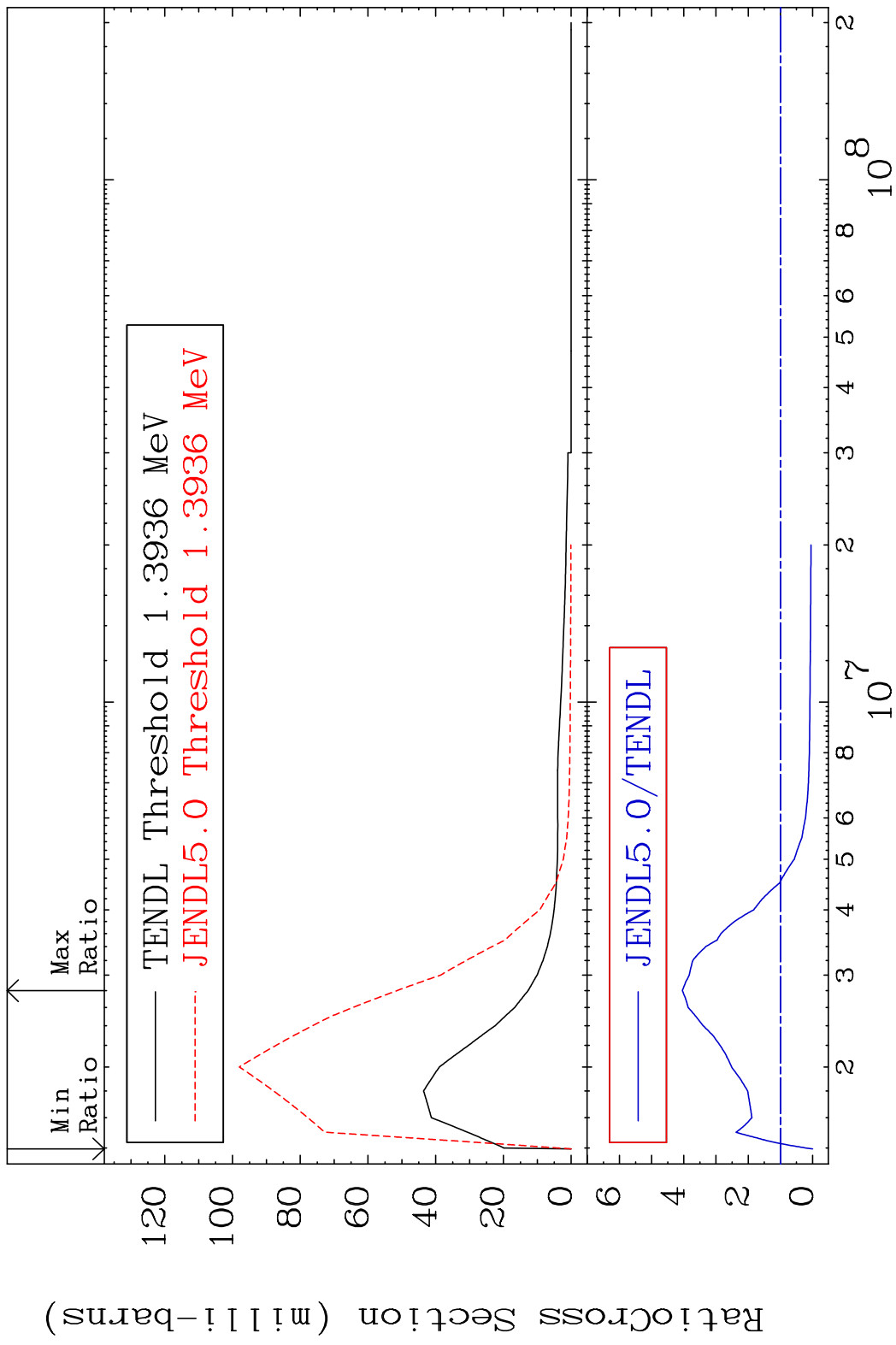
MAT 6849 MT= 74 (n, n') Level 68-Er-170  
 Cross Section -86.82 To 532.9 %



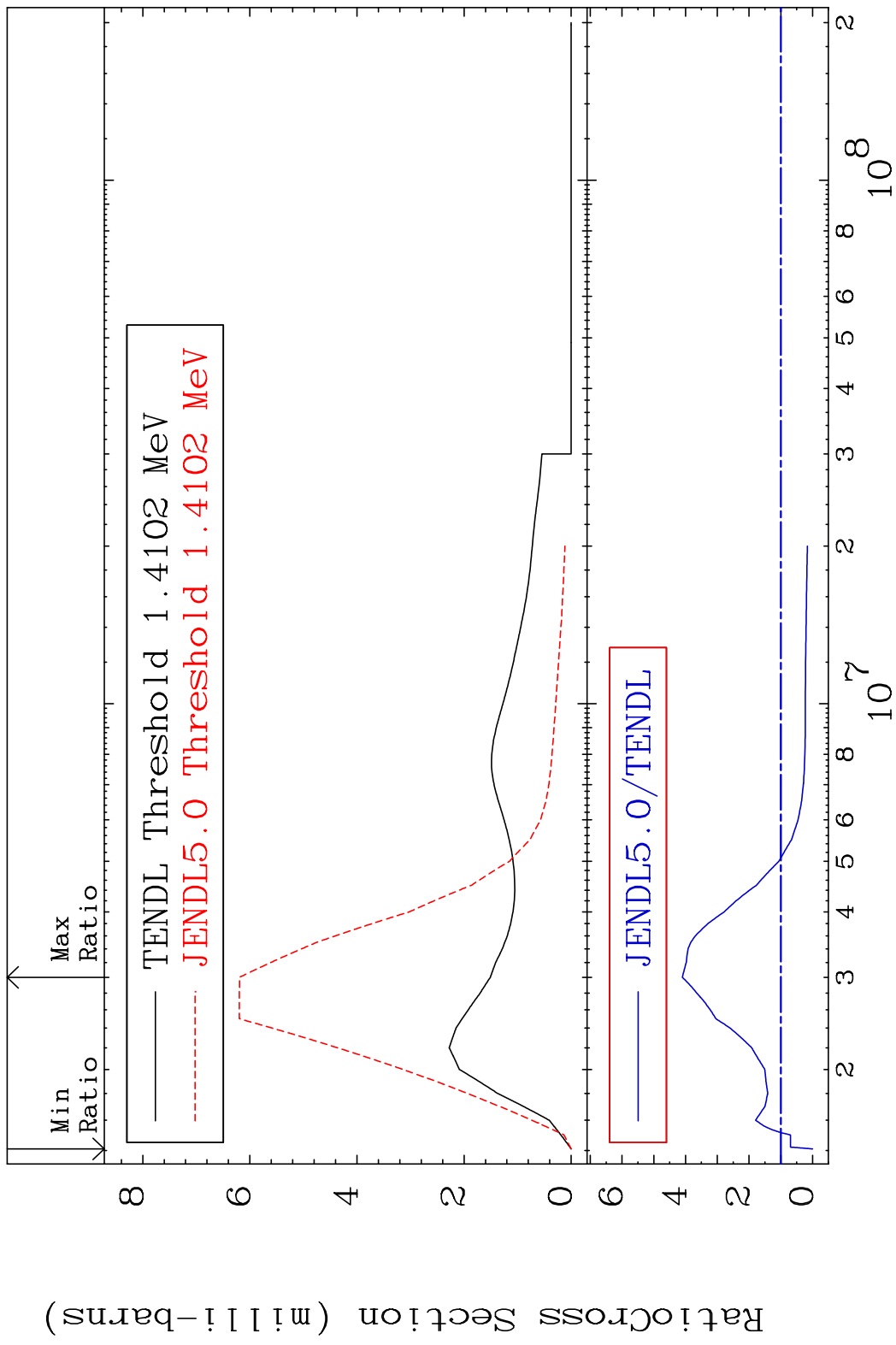
MAT 6849 MT= 75 (n, n') Level 68-Er-170  
 Cross Section -97.50 To 309.7 %



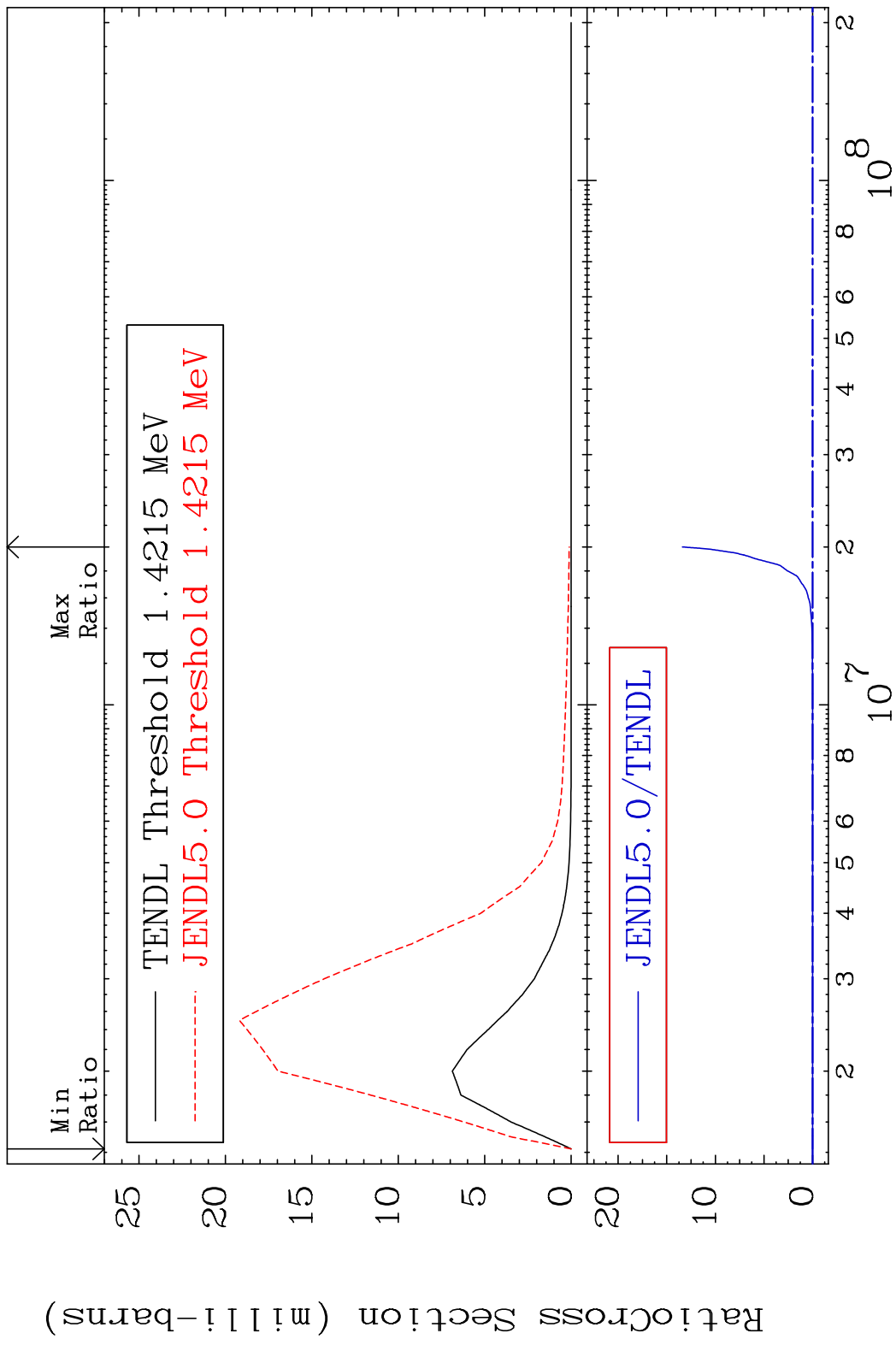
MAT 6849 MT= 76 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 304.6 %



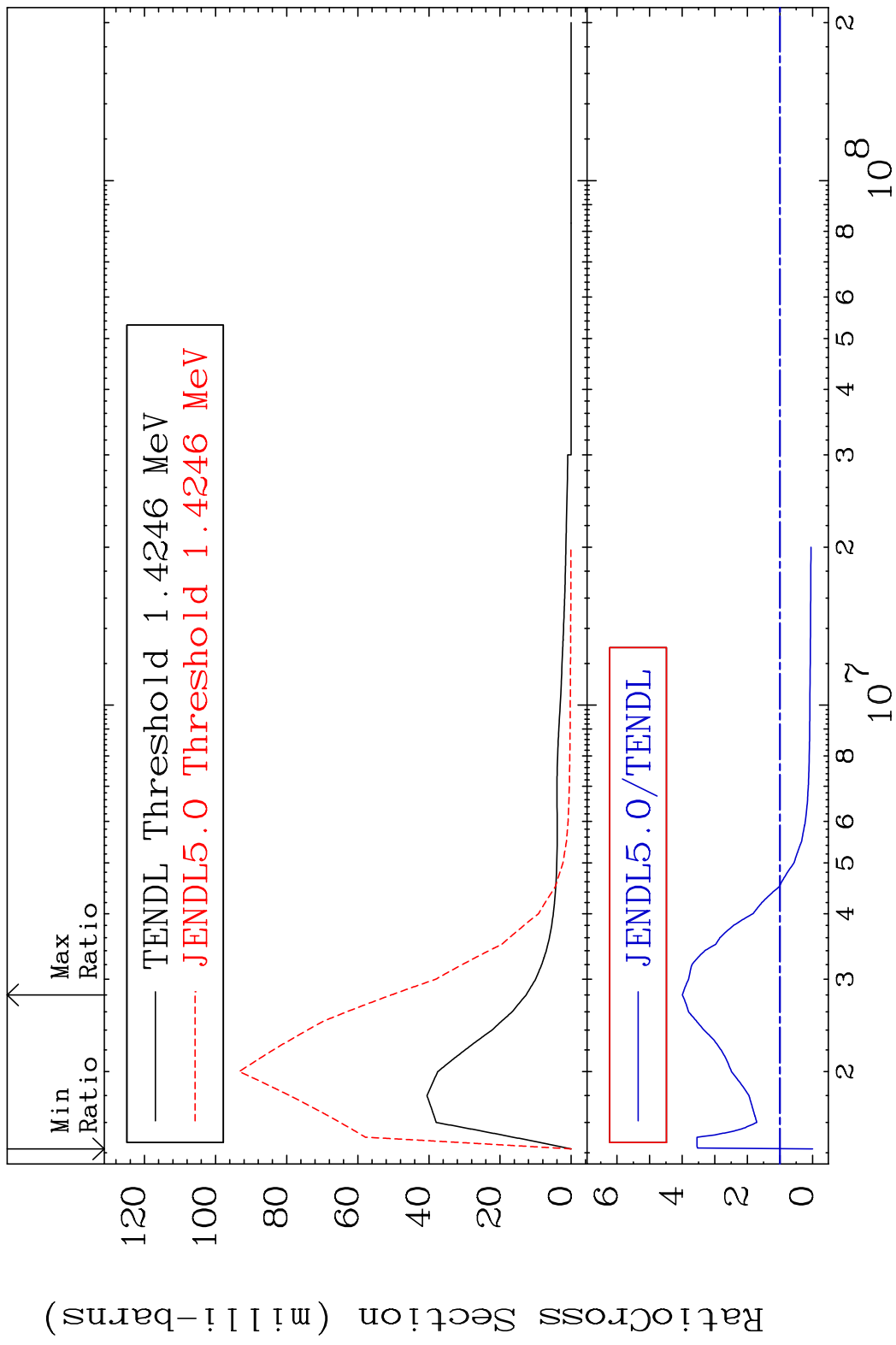
MAT 6849 MT= 77 (n,n') Level 68-Er-170  
 Cross Section -100.0 To 310.0 %



MAT 6849 MT= 78 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 9999. %



MAT 6849 MT= 79 (n, n') Level 68-Er-170  
 Cross Section -100.0 To 299.6 %

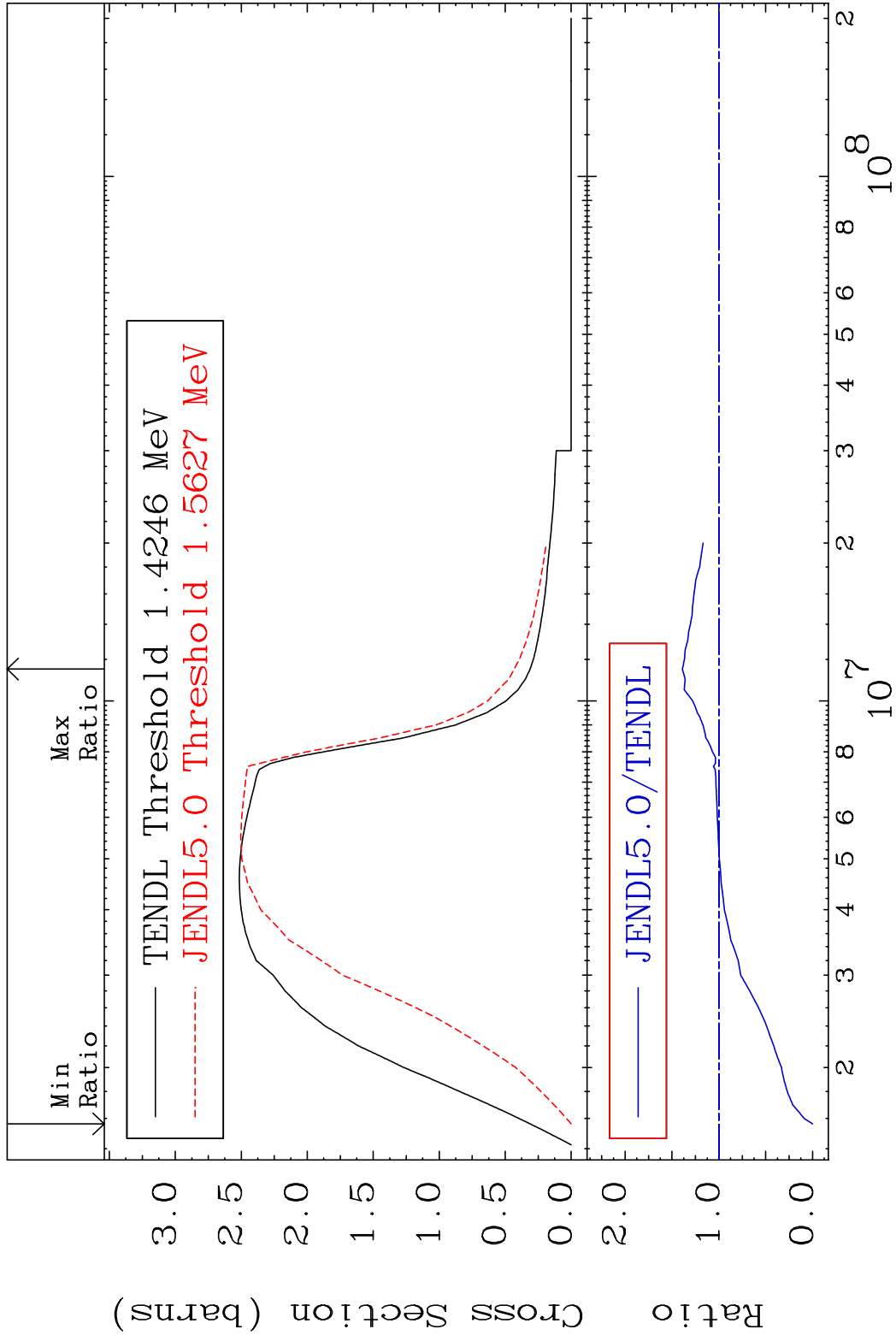


MAT 6849

(n,n') Continuum

68-Er-170

Cross Section -100.0 To 38.96 %



38

Incident Energy (eV)

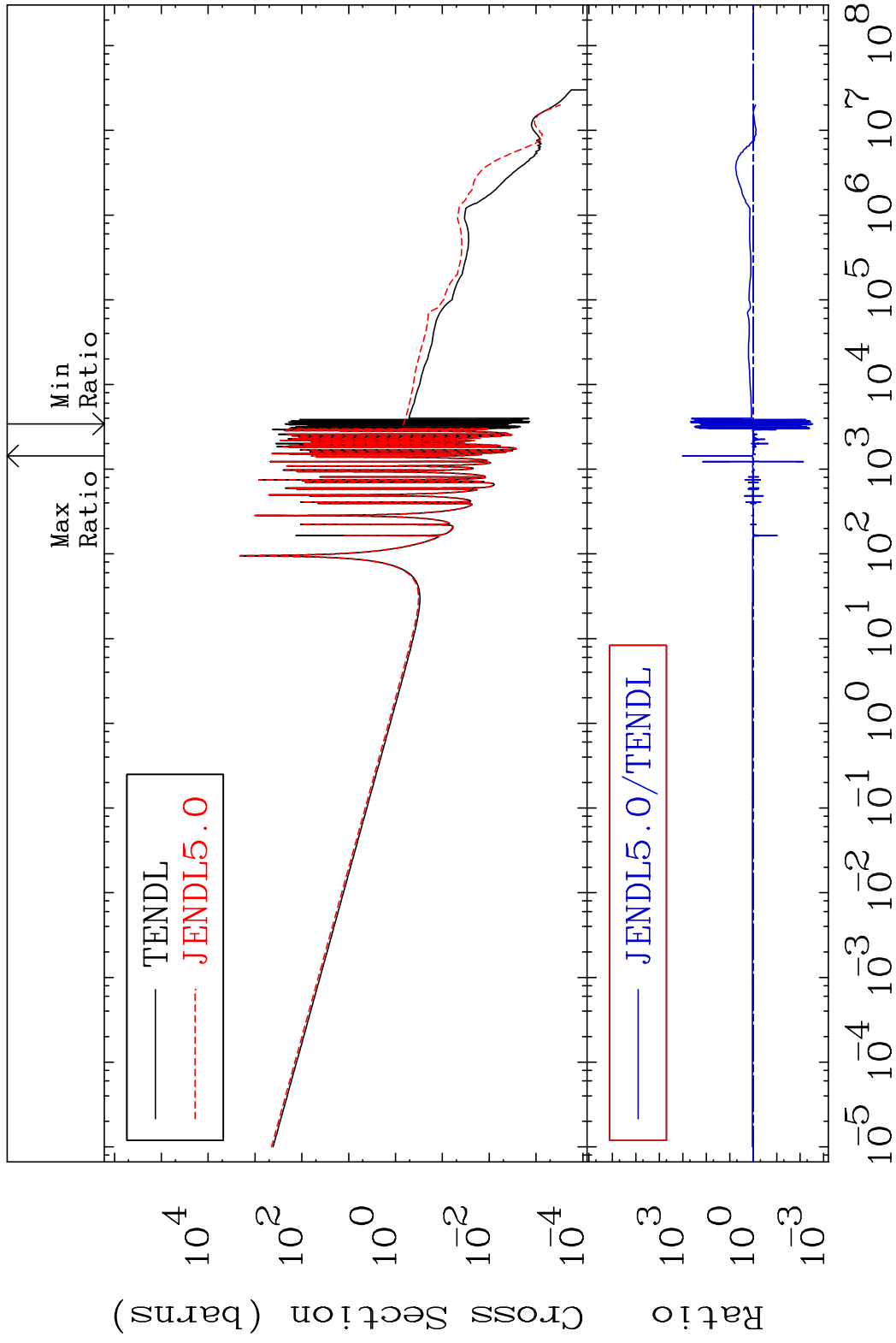
68-Er-170

MAT 6849

(n,  $\gamma$ )

68-Er-170

Cross Section -99.70 To 9999. %



39

Incident Energy (eV)

68-Er-170

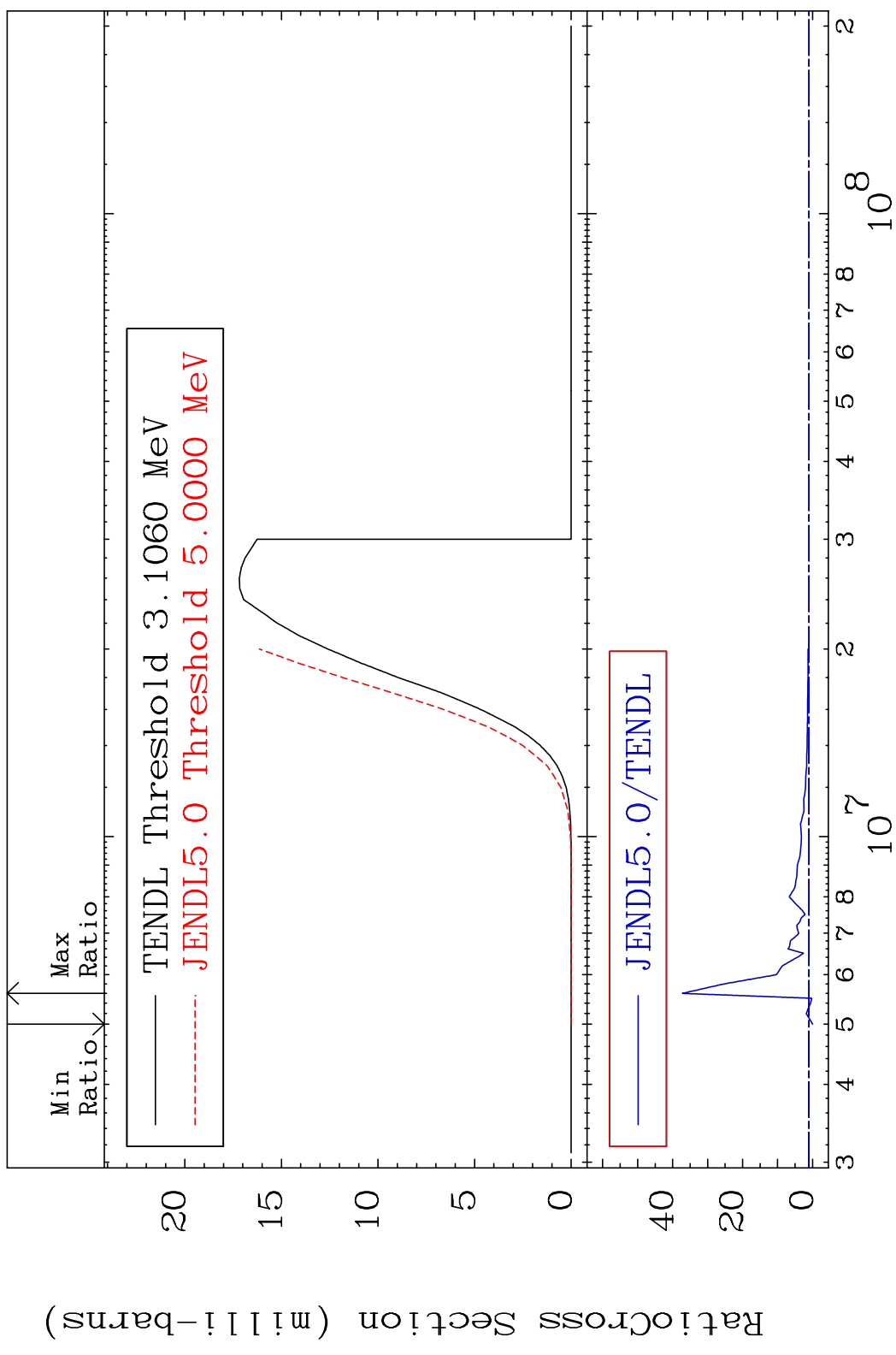


MAT 6849

(n,p)

68-Er-170

Cross Section -100.0 To 3622. %



40

Incident Energy (eV)

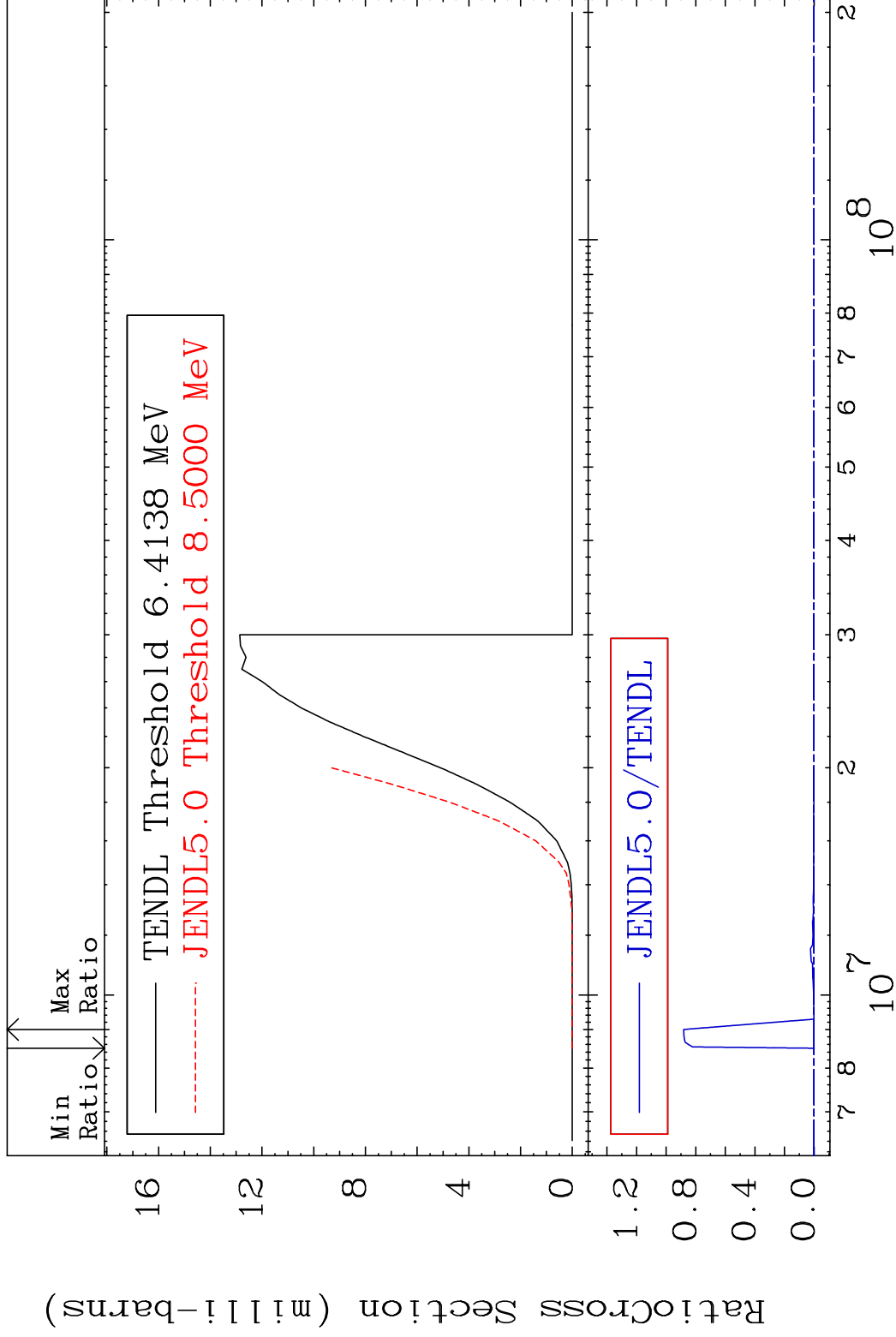
68-Er-170

MAT 6849

(n,d)

68-Er-170

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

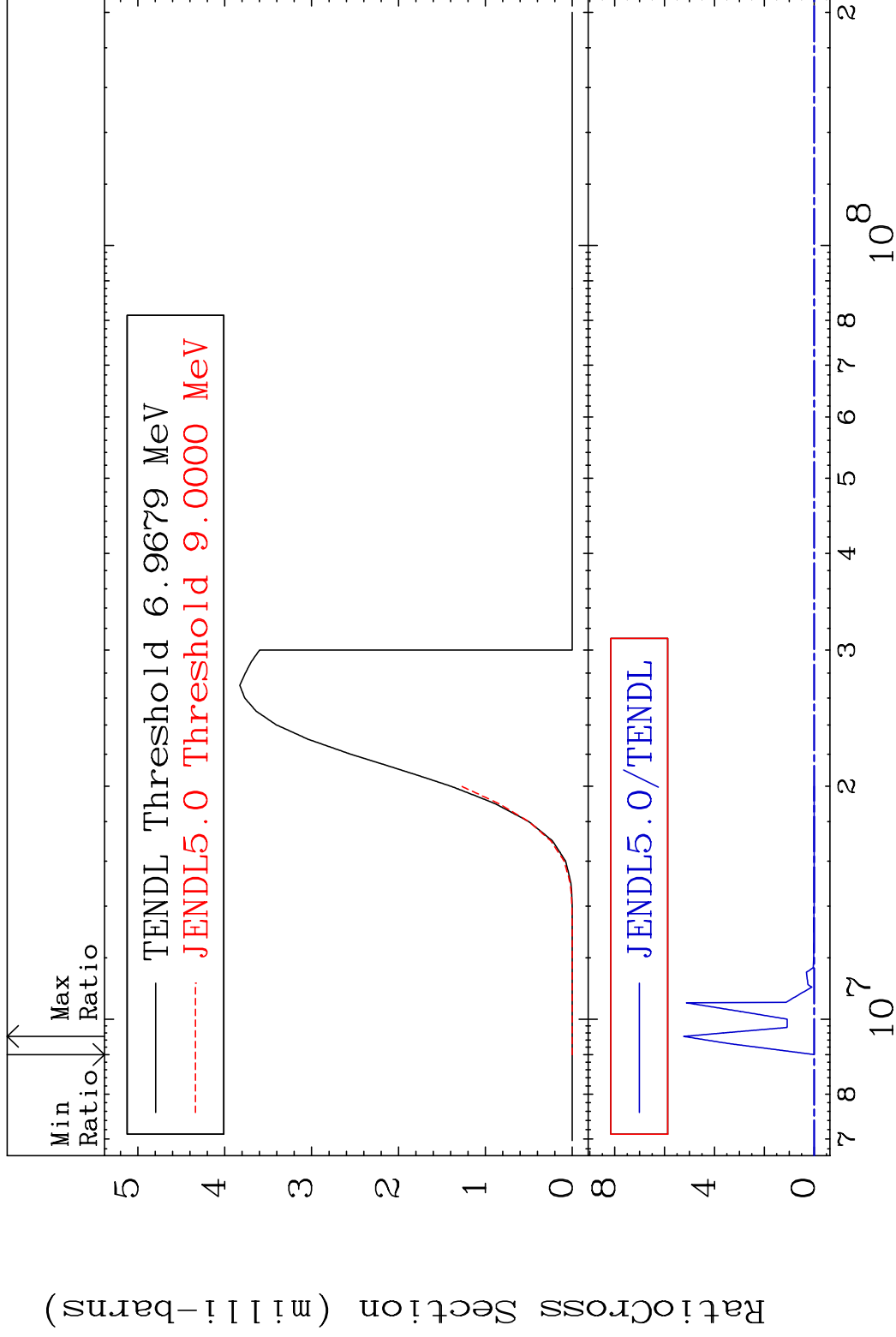
68-Er-170

MAT 6849

(n, t)

68-Er-170

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

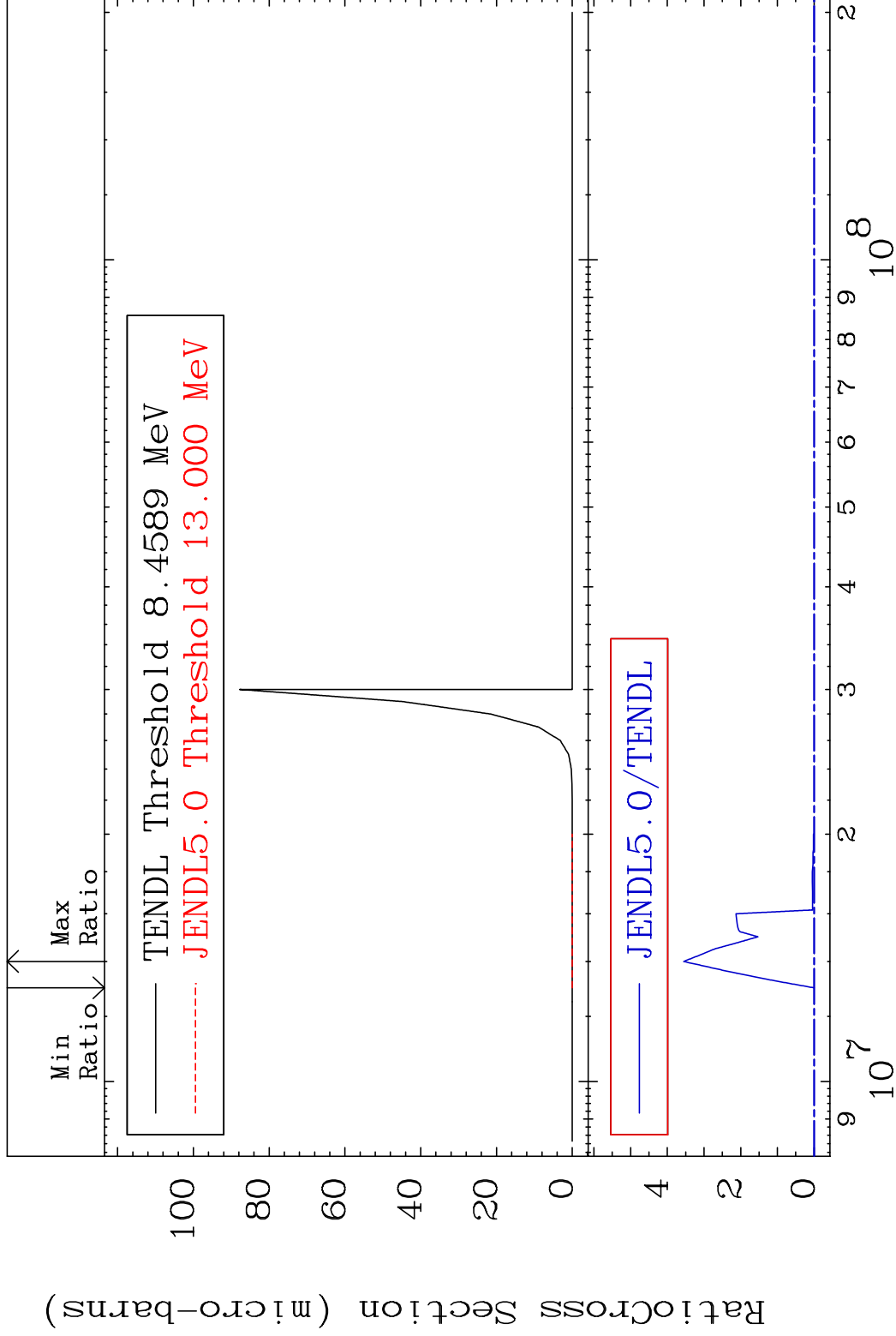
68-Er-170

MAT 6849

(n, He-3)

68-Er-170

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

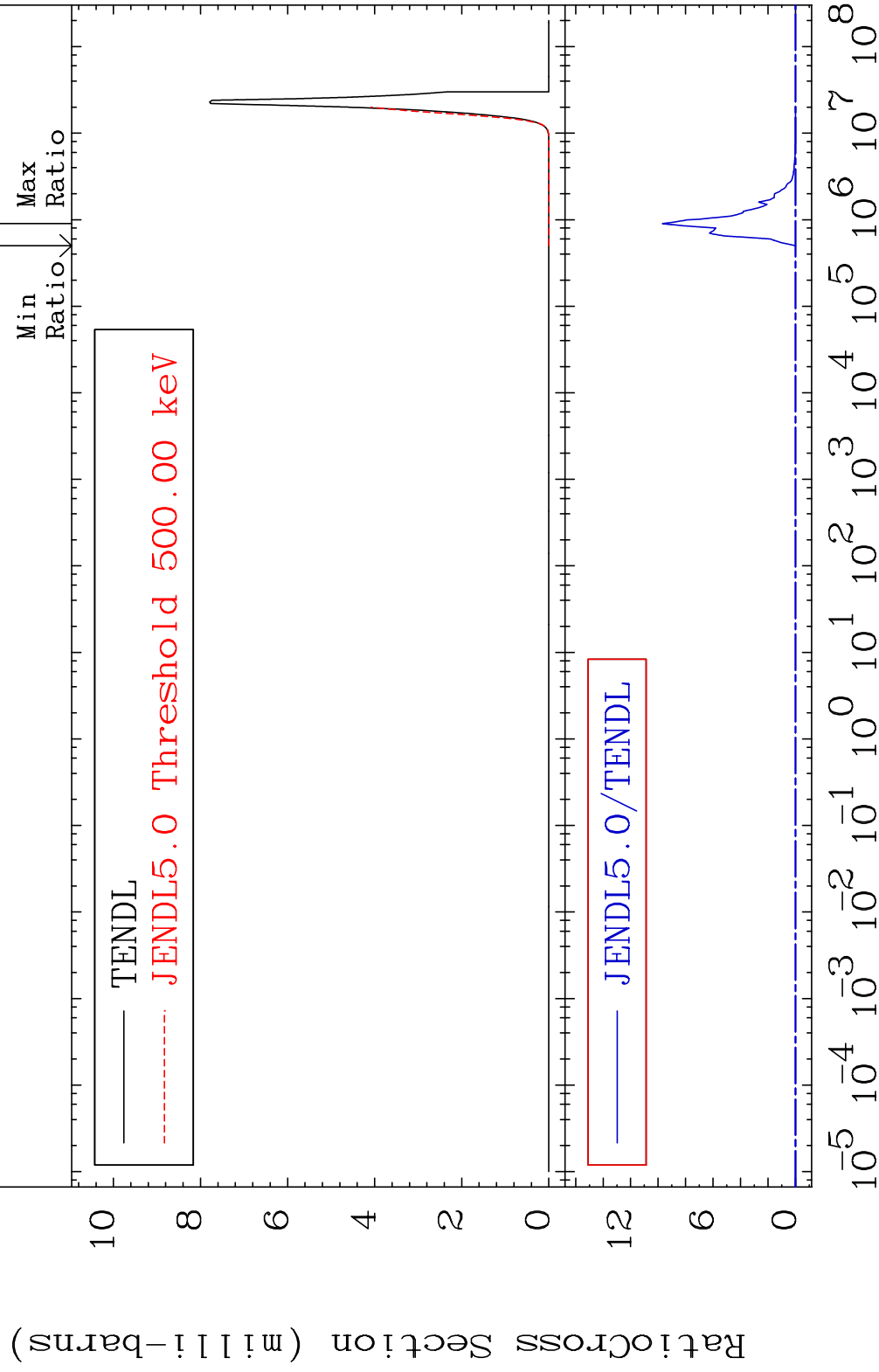
68-Er-170

MAT 6849

(n,  $\alpha$ )

68-Er-170

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

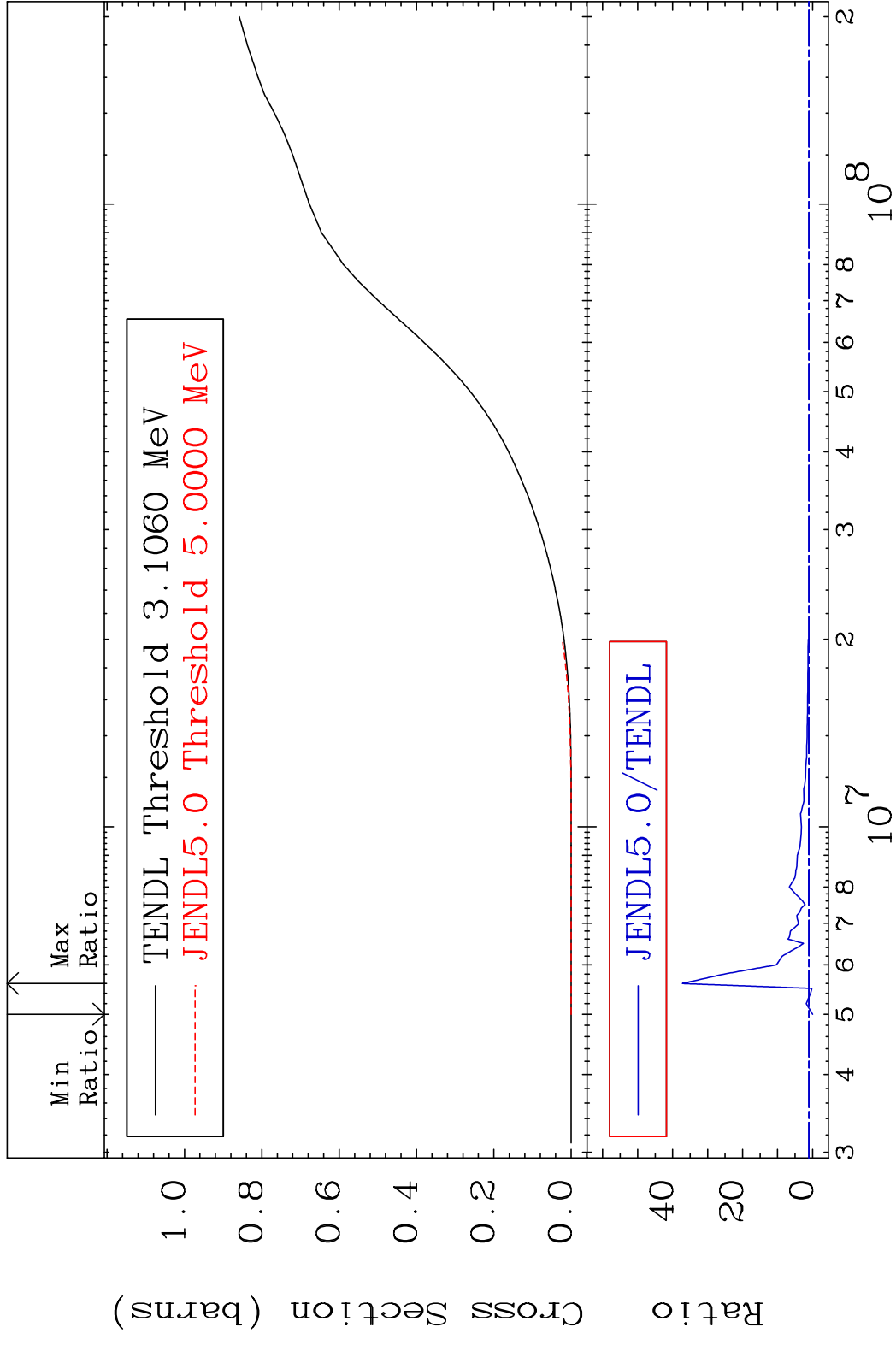
68-Er-170

MAT 6849

Hydrogen Production

68-Er-170

Cross Section -100.0 To 3622. %



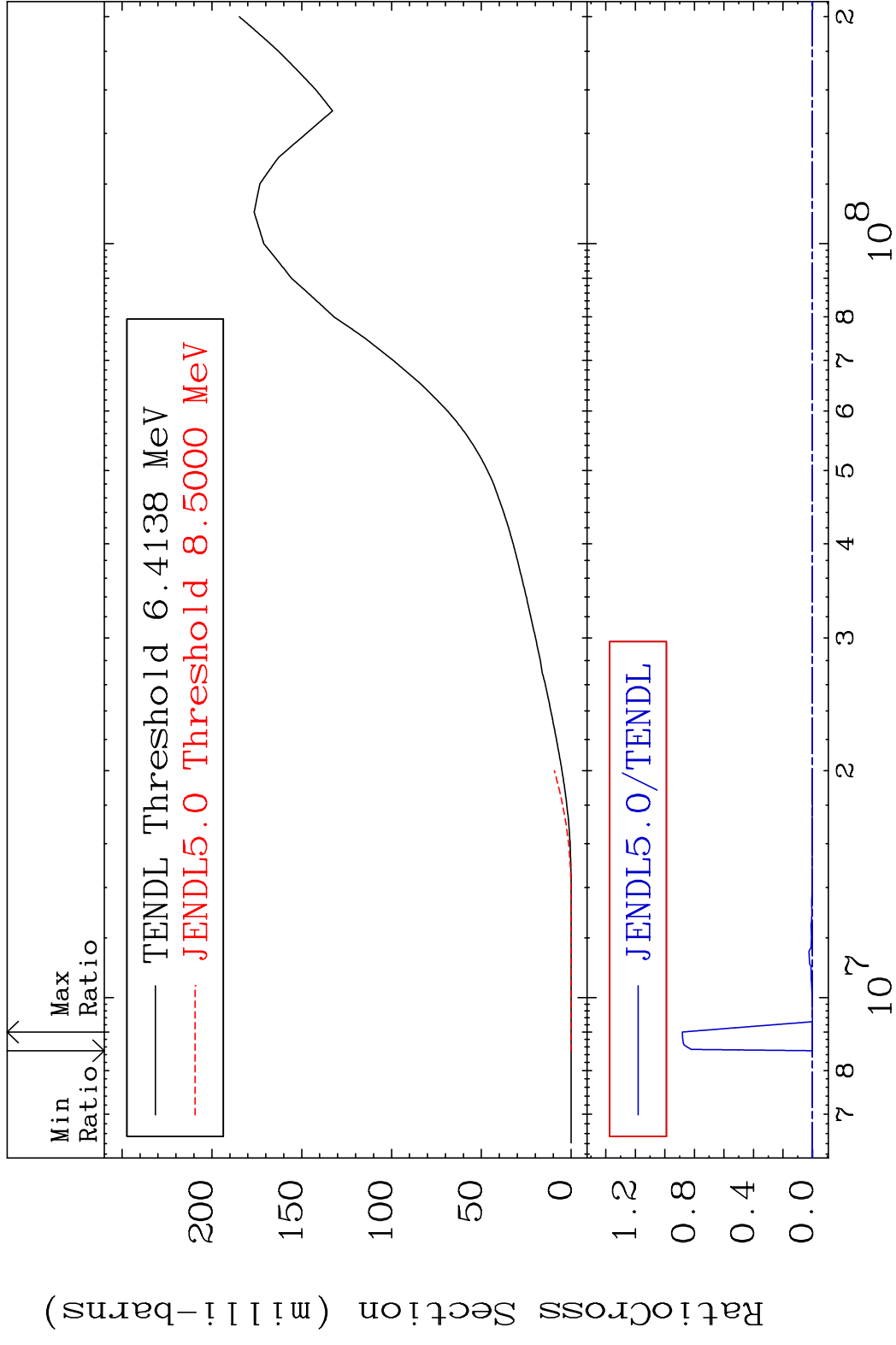
45

Incident Energy (eV)

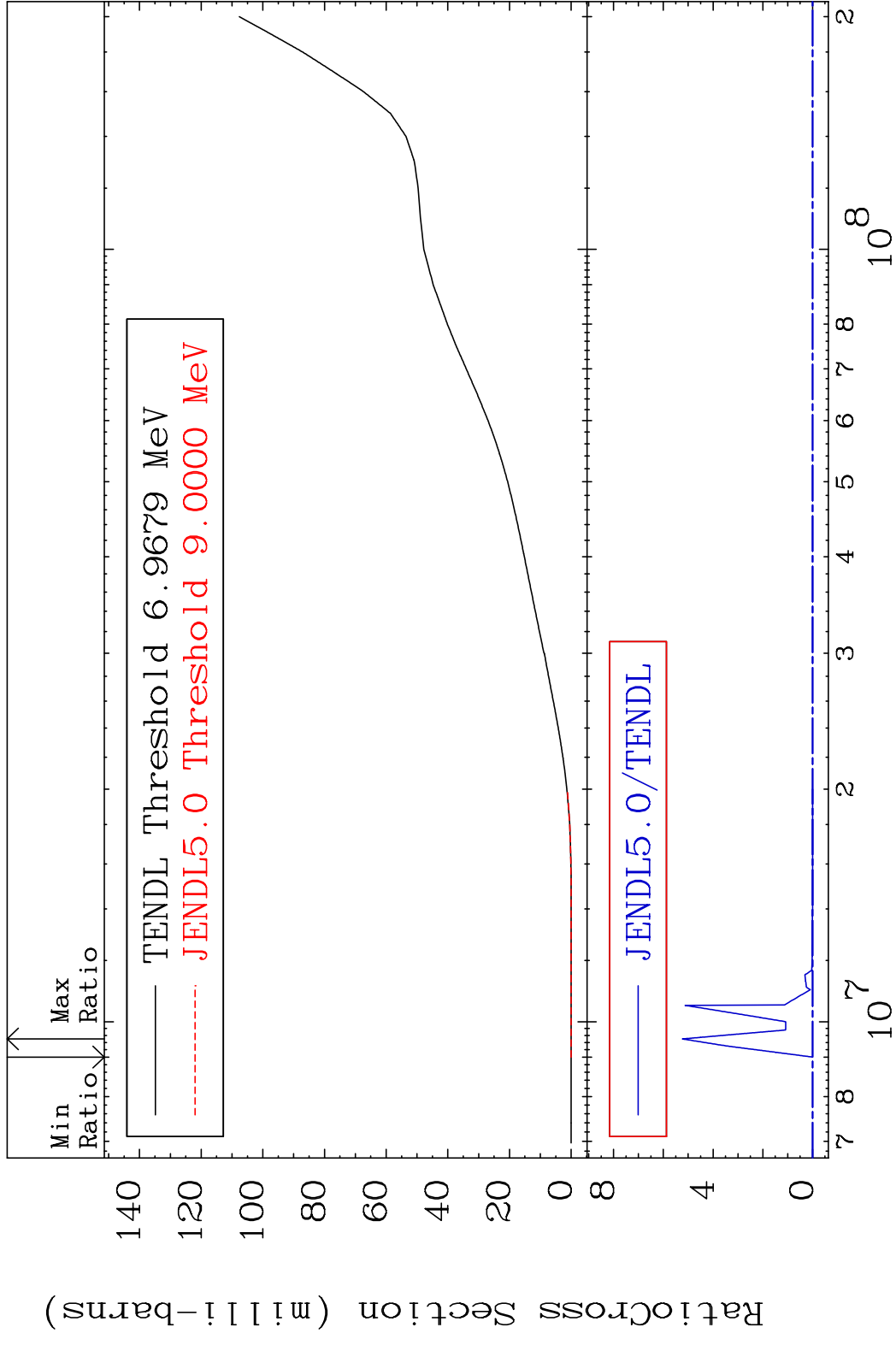
68-Er-170

MAT 6849

Deuterium Production 68-Er-170  
Cross Section -100.0 To 9999. %



MAT 6849 Tritium Production 68-Er-170  
 Cross Section -100.0 To 9999. %



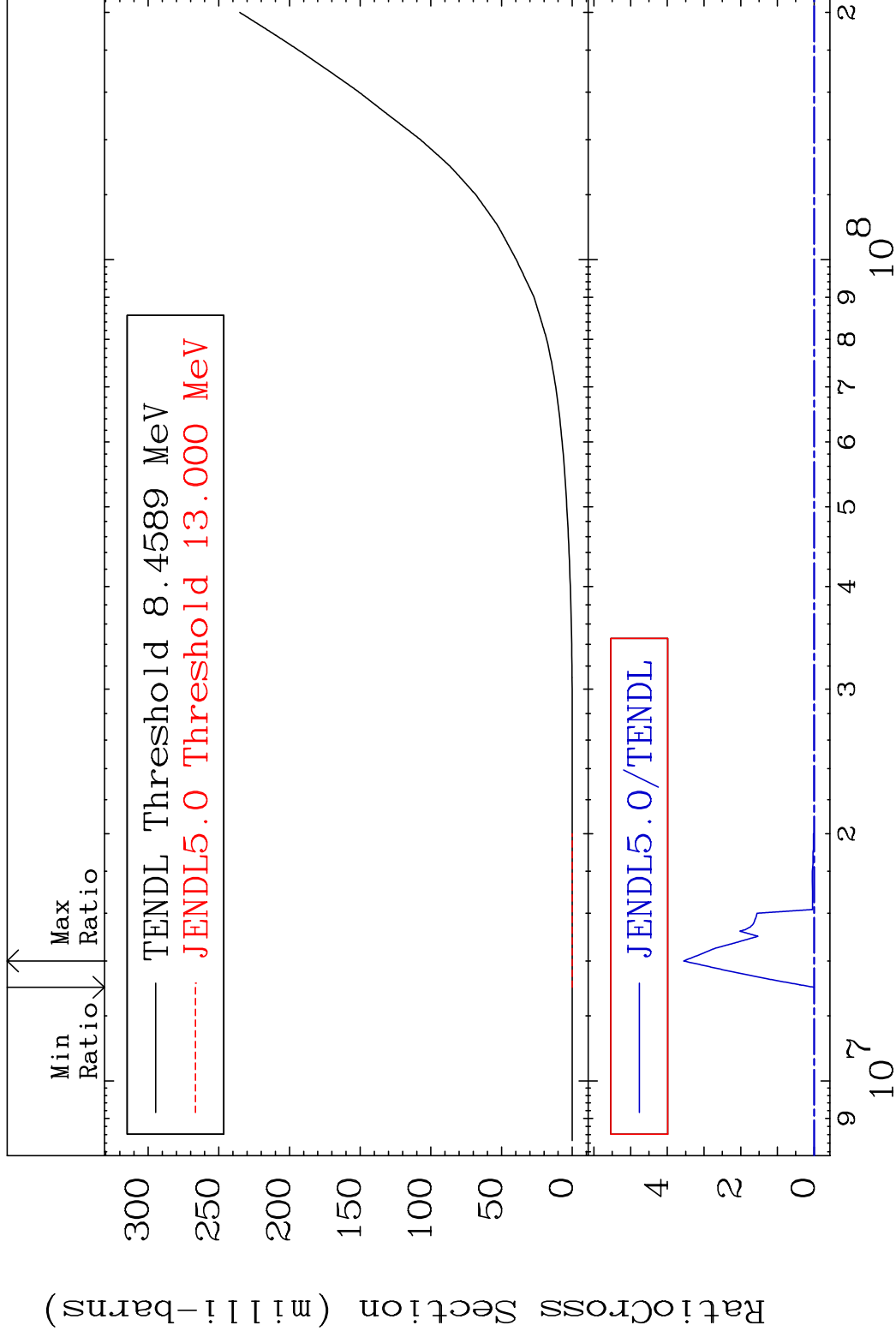


MAT 6849

He-3 Production

68-Er-170

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

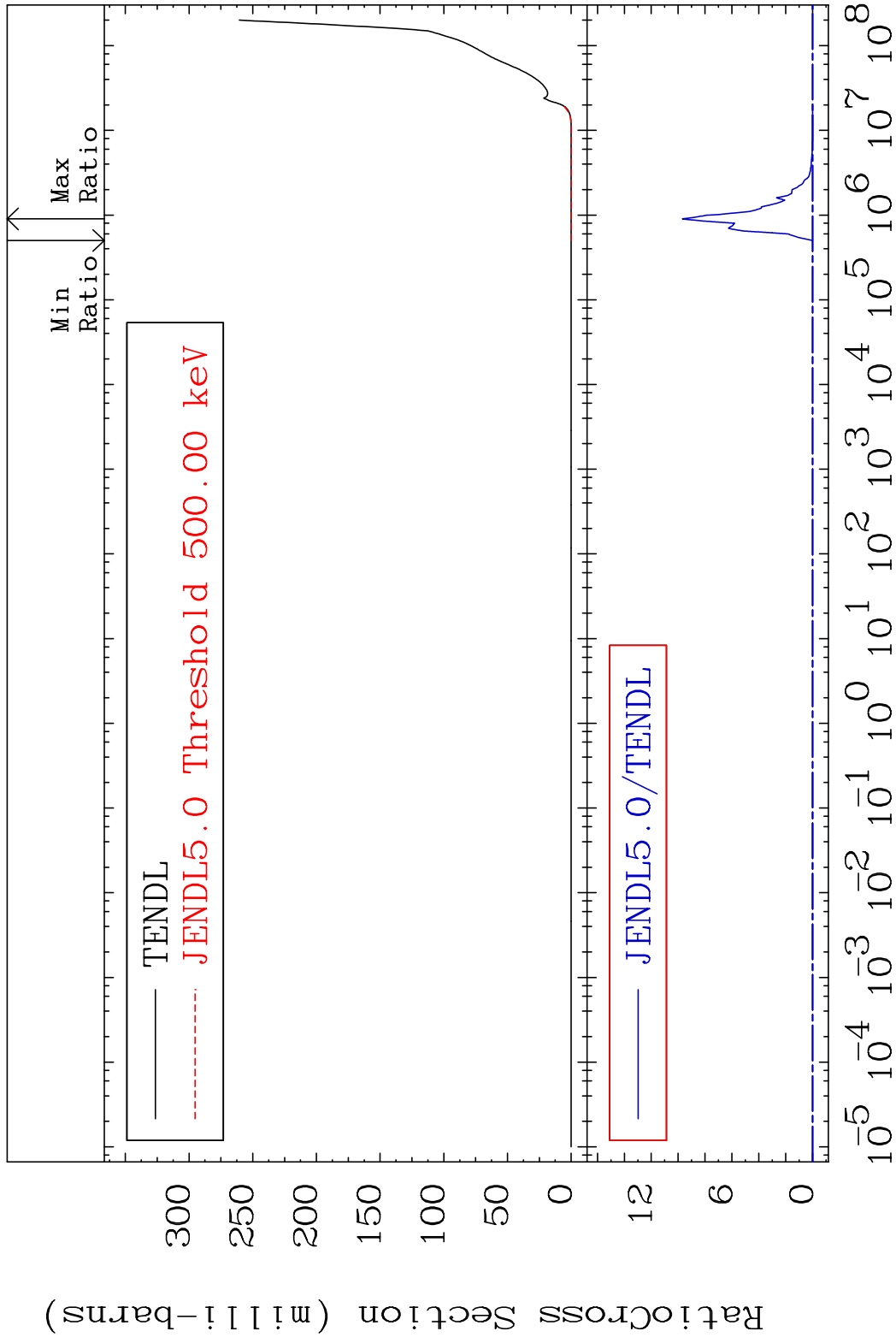
68-Er-170

MAT 6849

He-4 Production

68-Er-170

Cross Section -100.0 To 9999. %

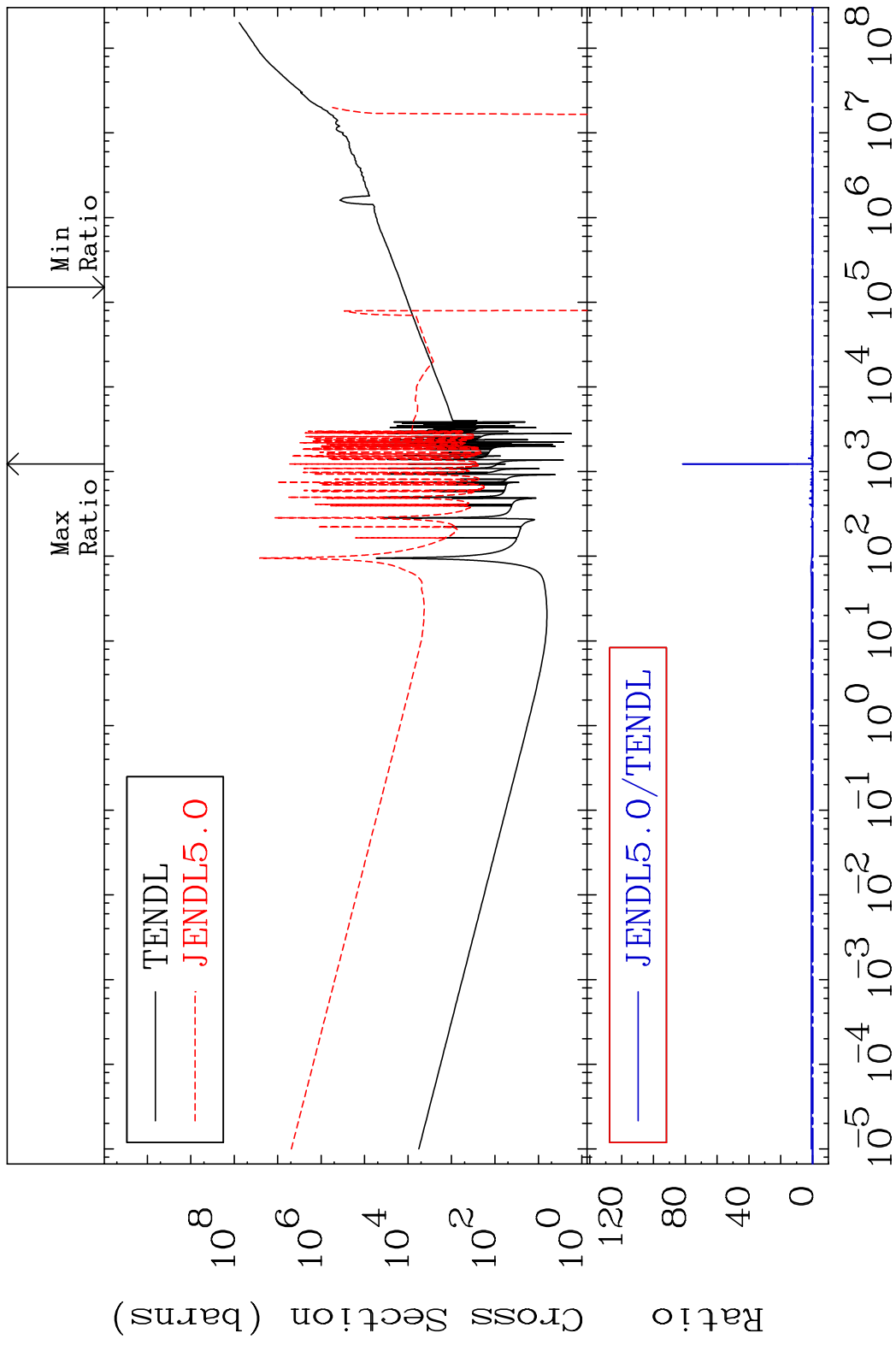


49

Incident Energy (eV)

68-Er-170

MAT 6849 Kerma total (eV-barns) 68-Er-170  
 Cross Section -1513. To 9999. %



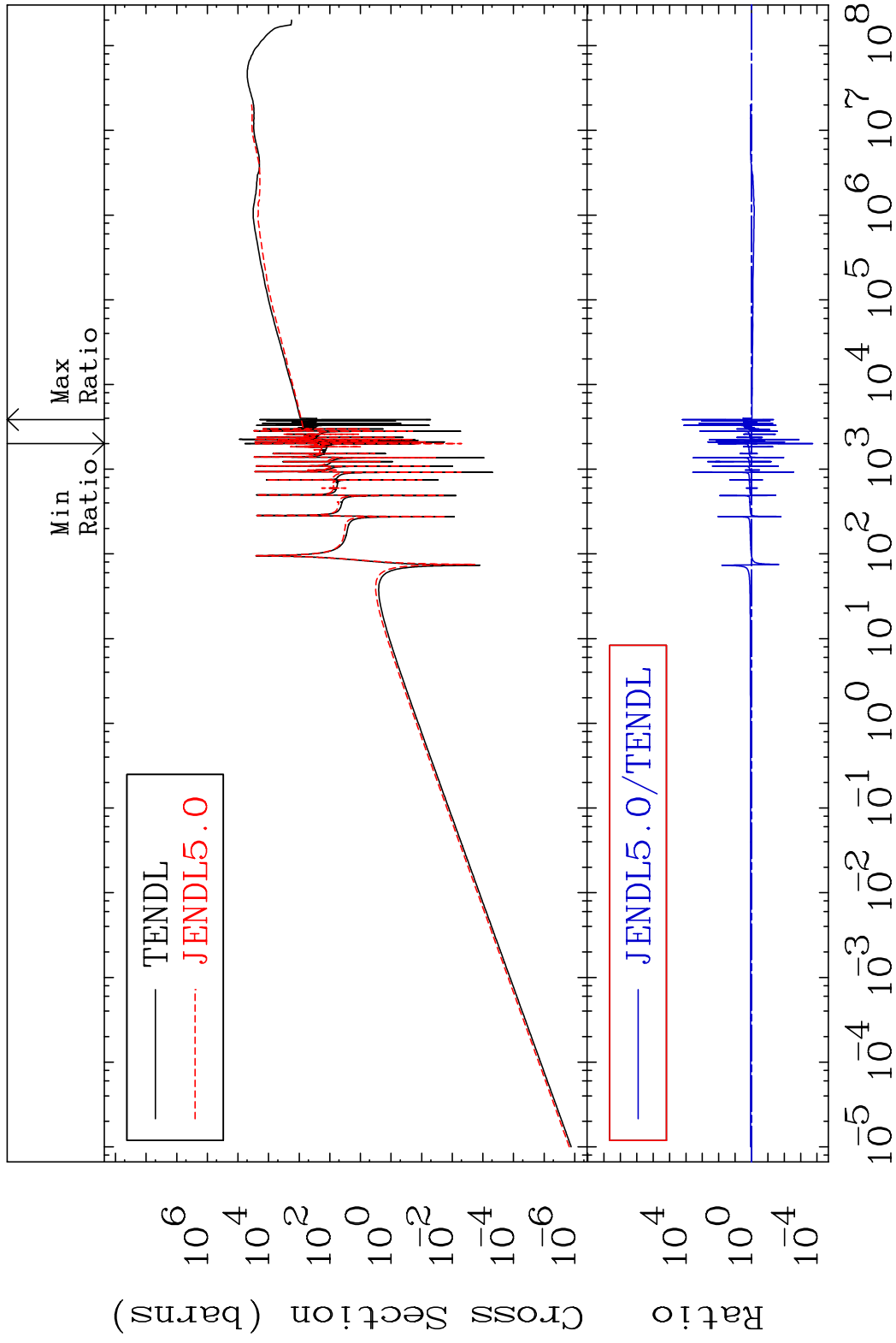
50 Incident Energy (eV) 68-Er-170

MAT 6849

Kerma elastic

68-Er-170

Cross Section -99.98 To 9999. %

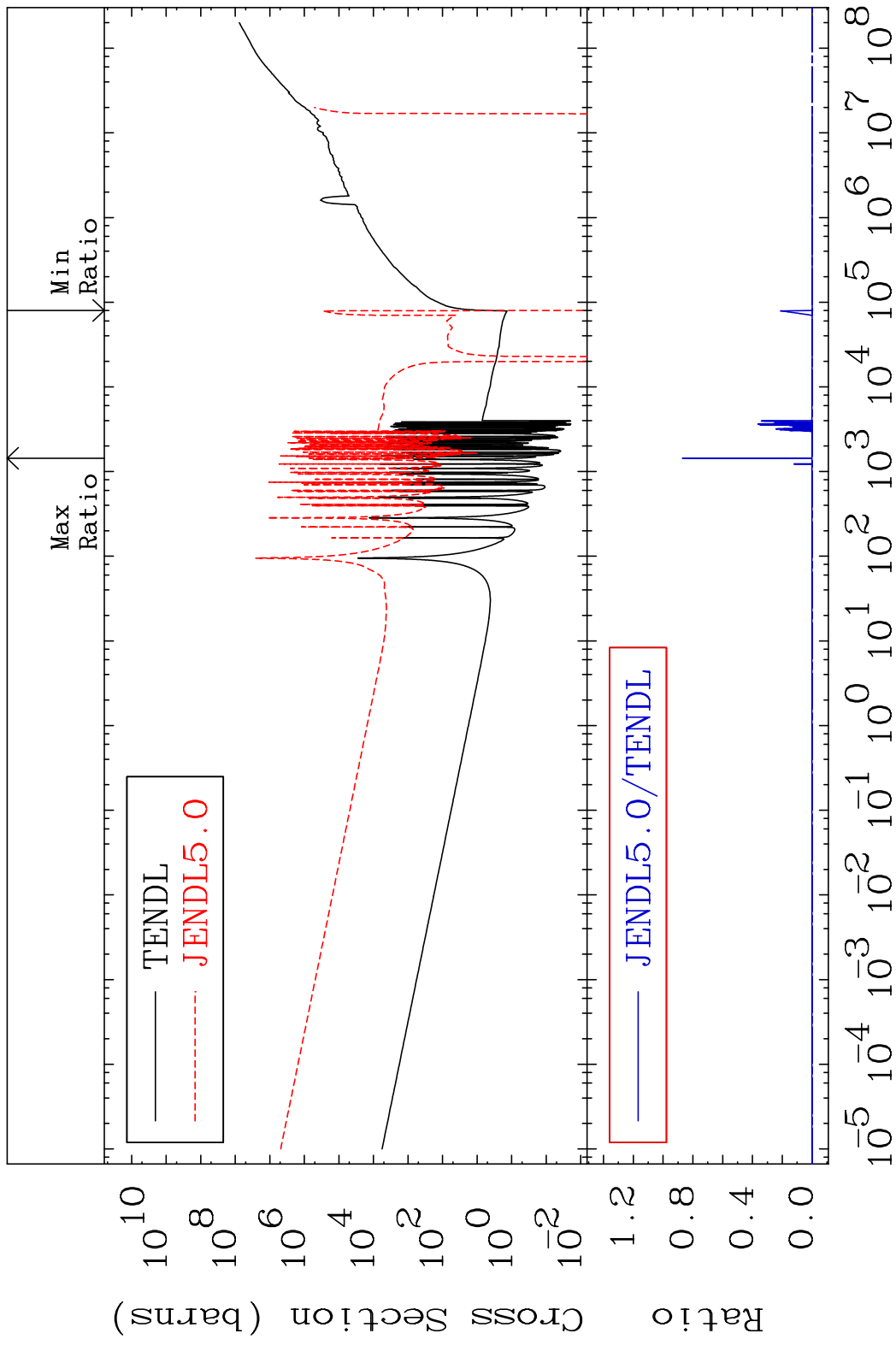


51

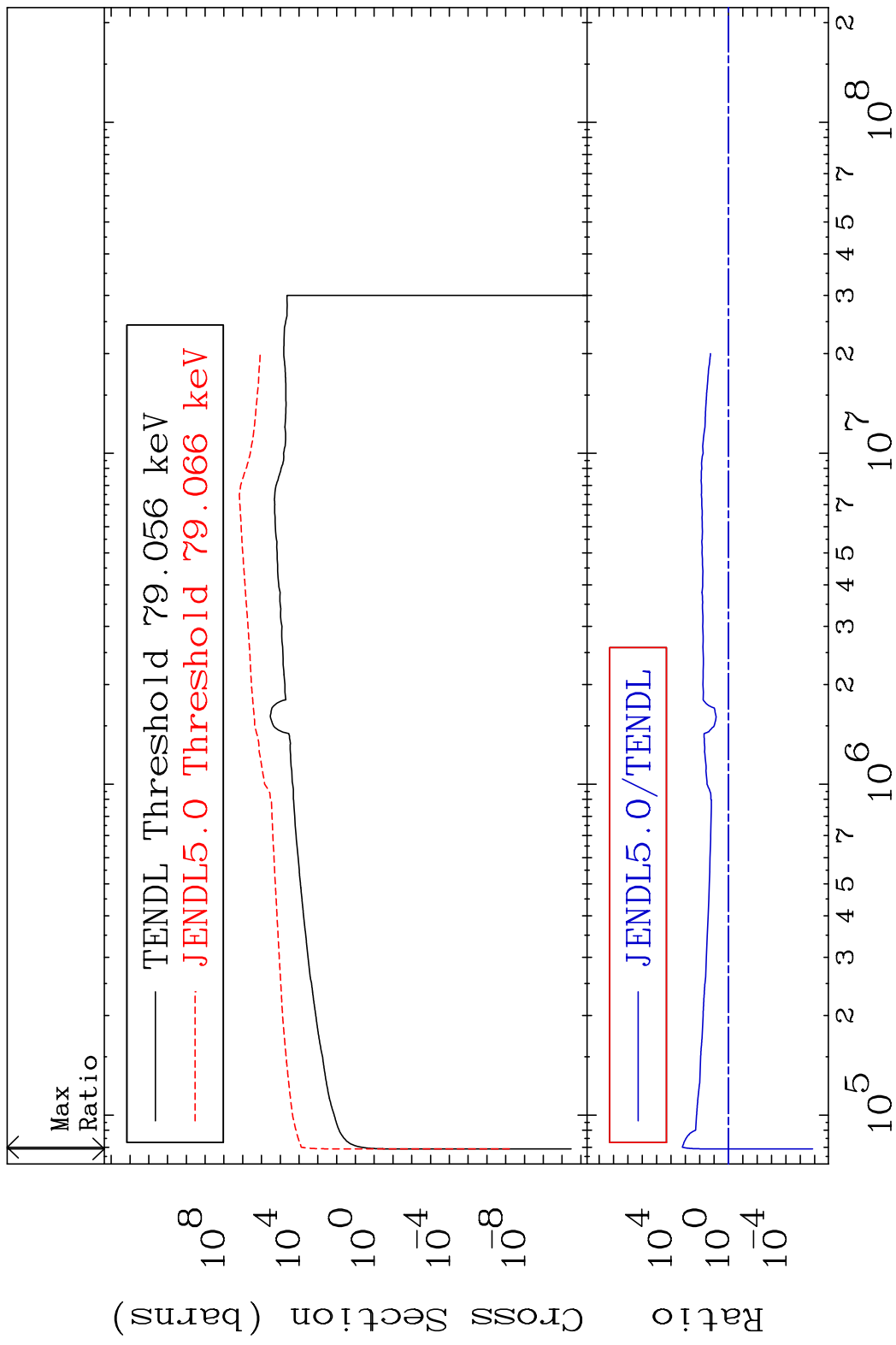
Incident Energy (eV)

68-Er-170

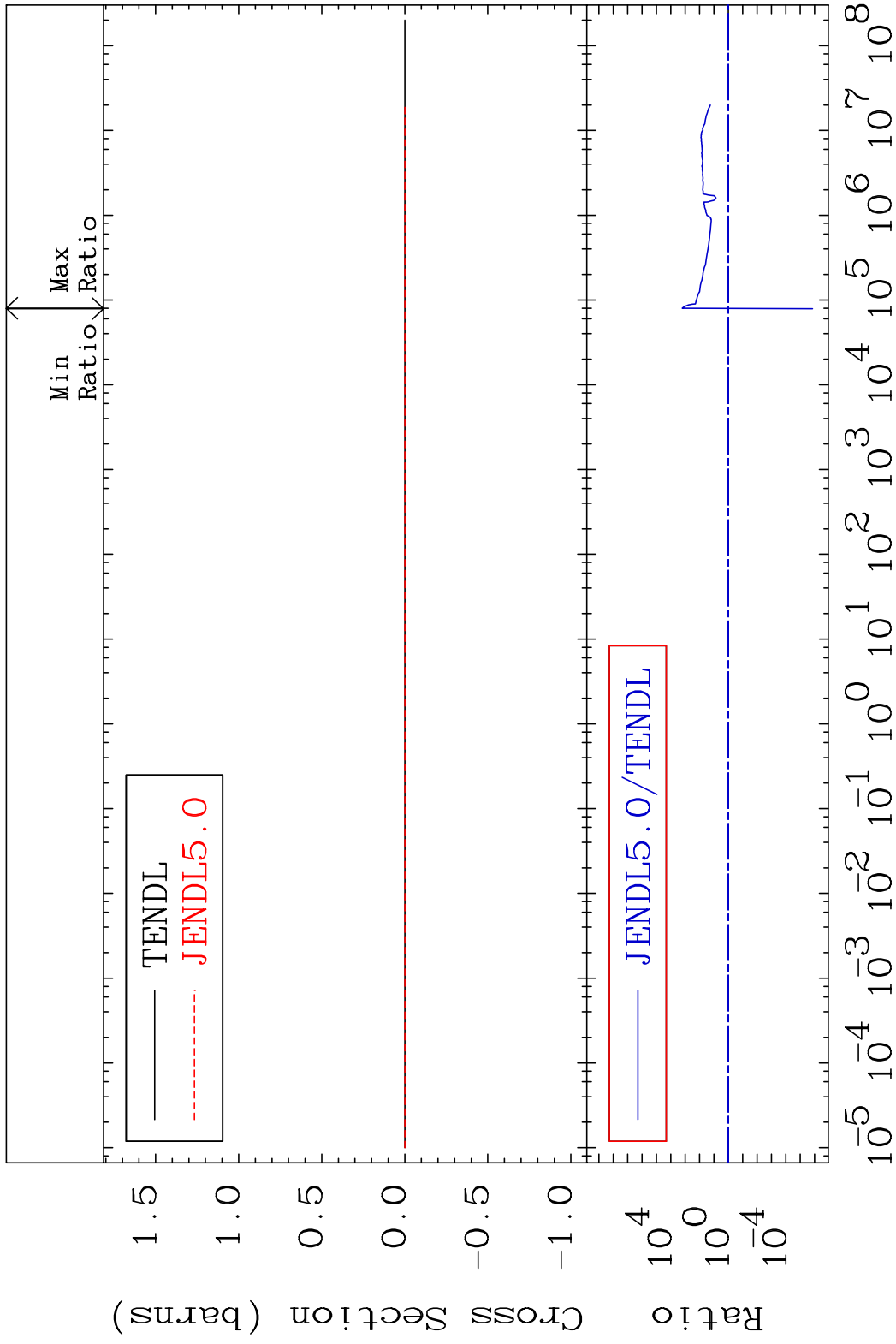
MAT 6849 Kerma non-elastic (all but mt2) 68-Er-170  
 Cross Section -9999. To 9999. %

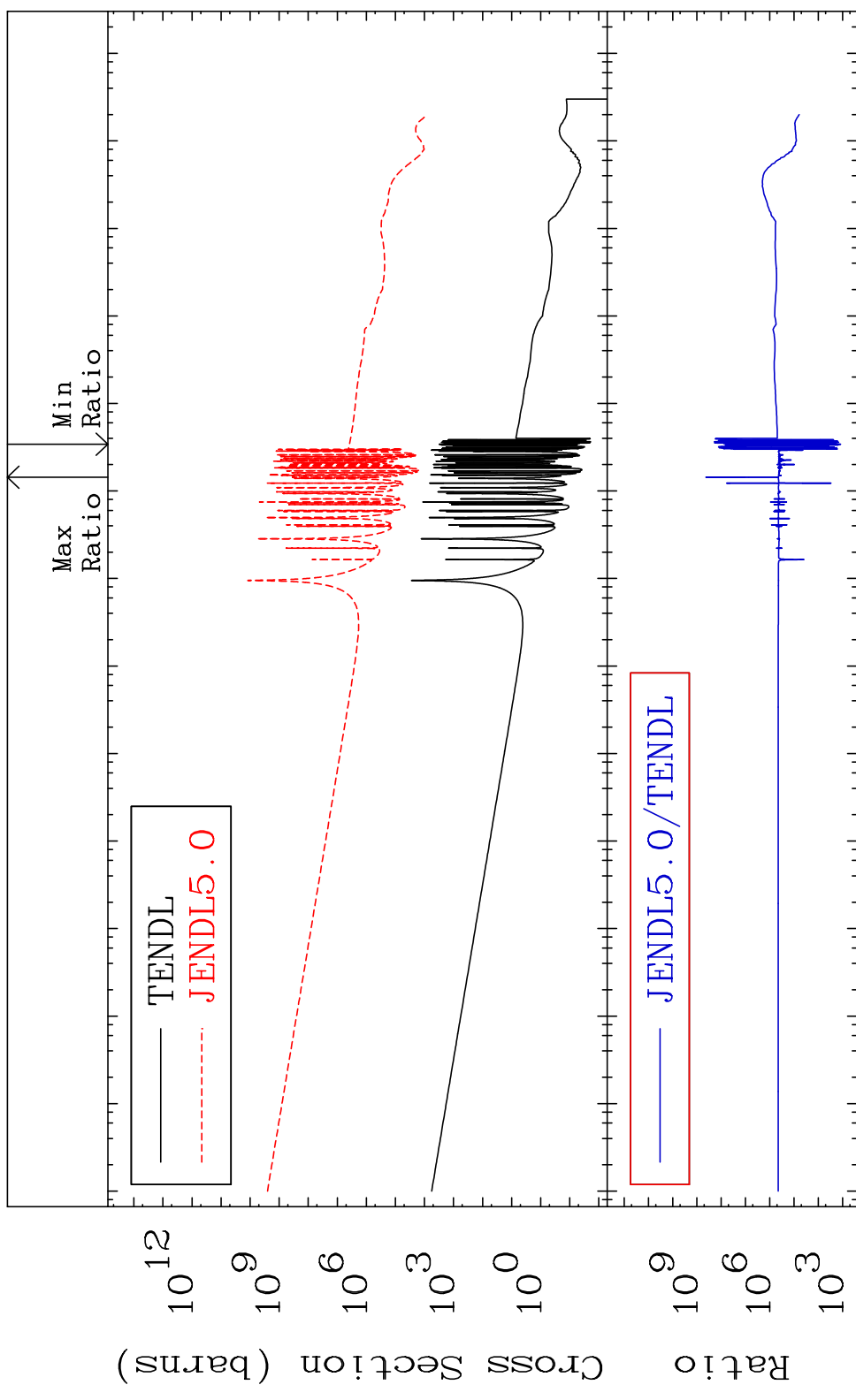


MAT 6849 Kerma inelastic (mt51-91) 68-Er-170  
 Cross Section -100.0 To 9999. %



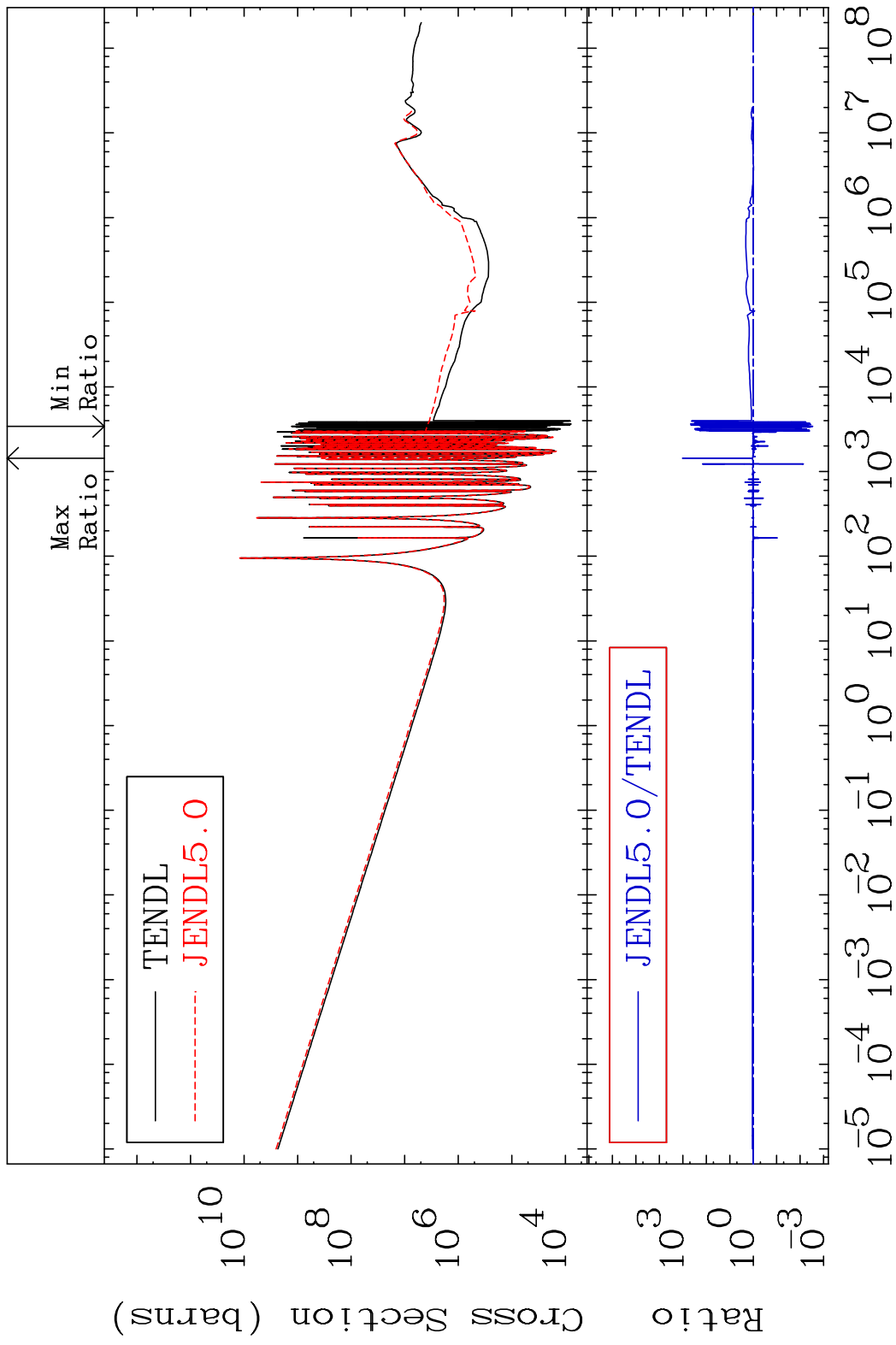
MAT 6849 Kerma fission (mt18 or mt19-20-21-38) 68-Er-170  
 Cross Section -100.0 To 9999. %



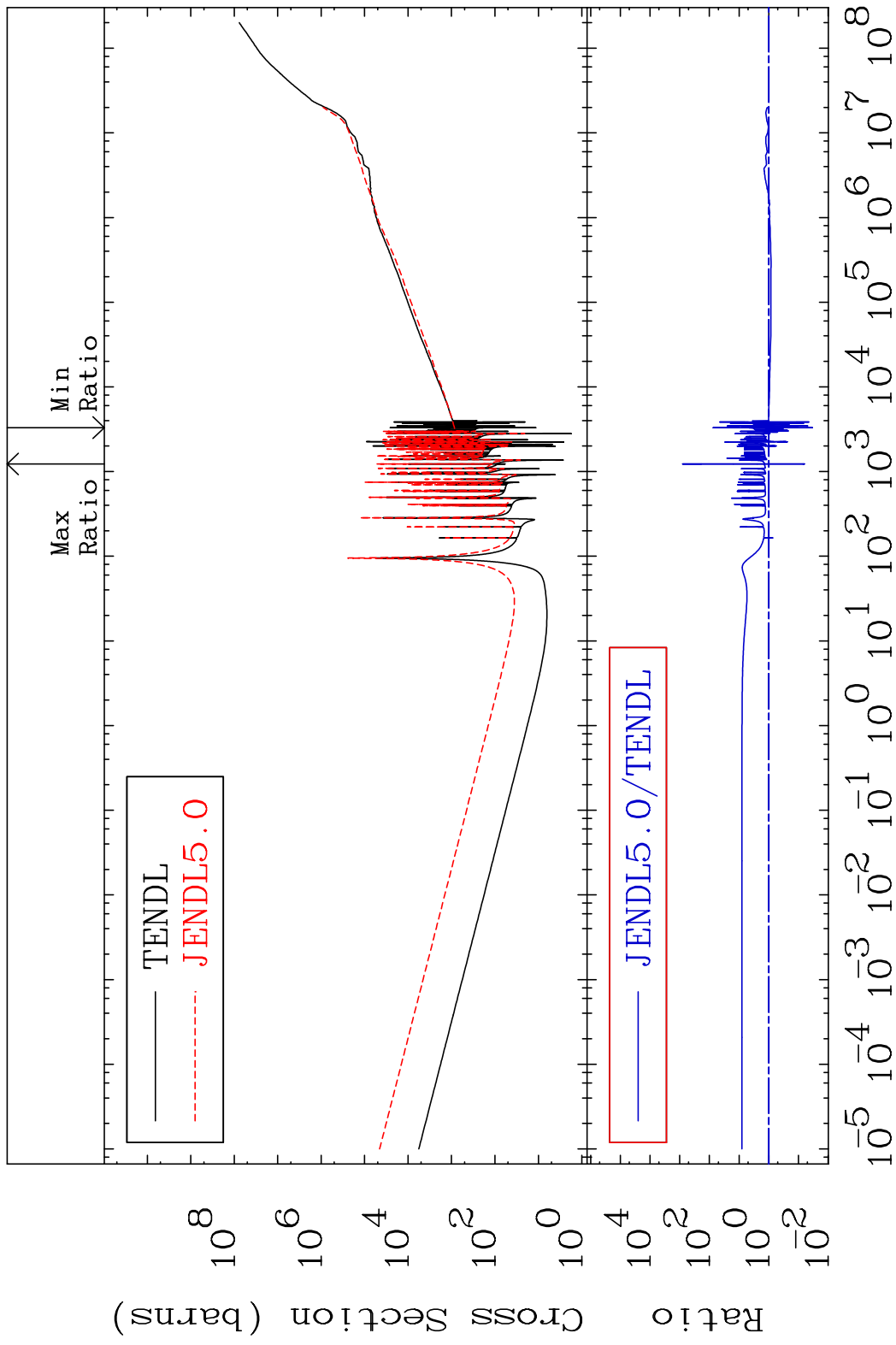




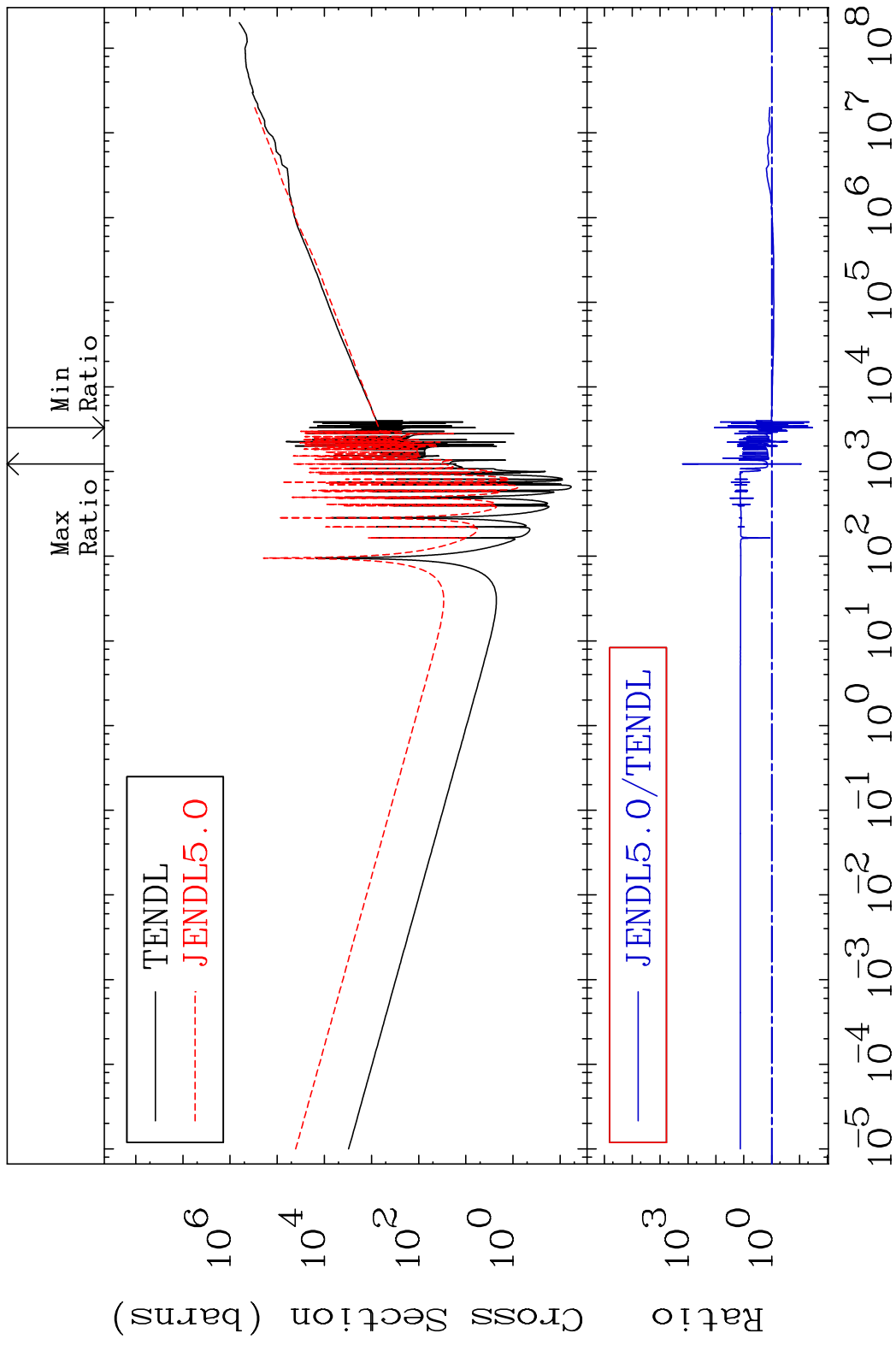
MAT 6849 Total photon (eV-barns) 68-Er-170  
 Cross Section -99.70 To 9999. %



MAT 6849 Total kinematic kerma (high limit) 68-Er-170  
Cross Section -96.66 To 9999. %



MAT 6849      Dpa total (eV-barns)      68-Er-170  
Cross Section      -96.57 To 9999. %

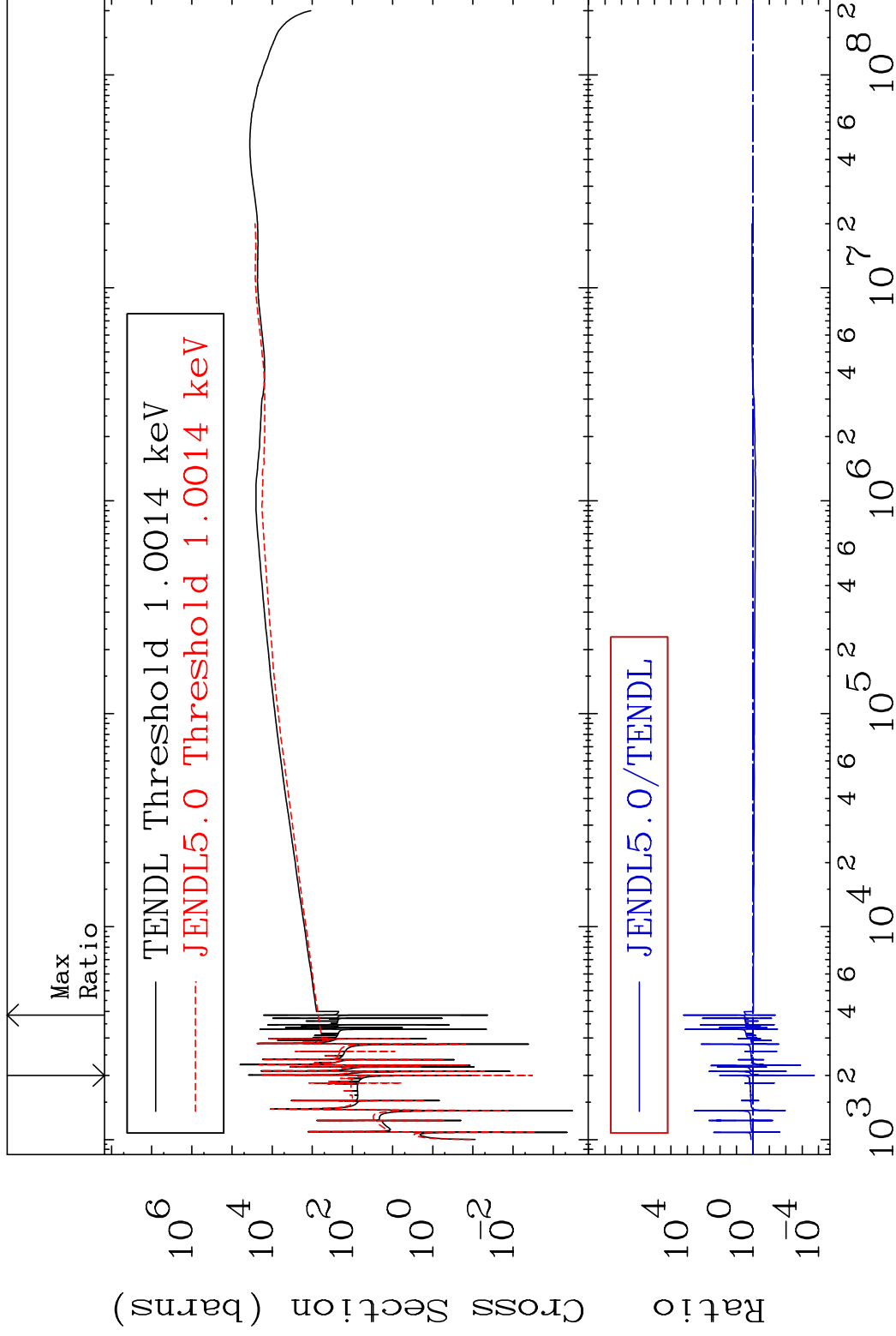


MAT 6849

Dpa elastic (mt2)

68-Er-170

Cross Section -99.98 To 9999. %

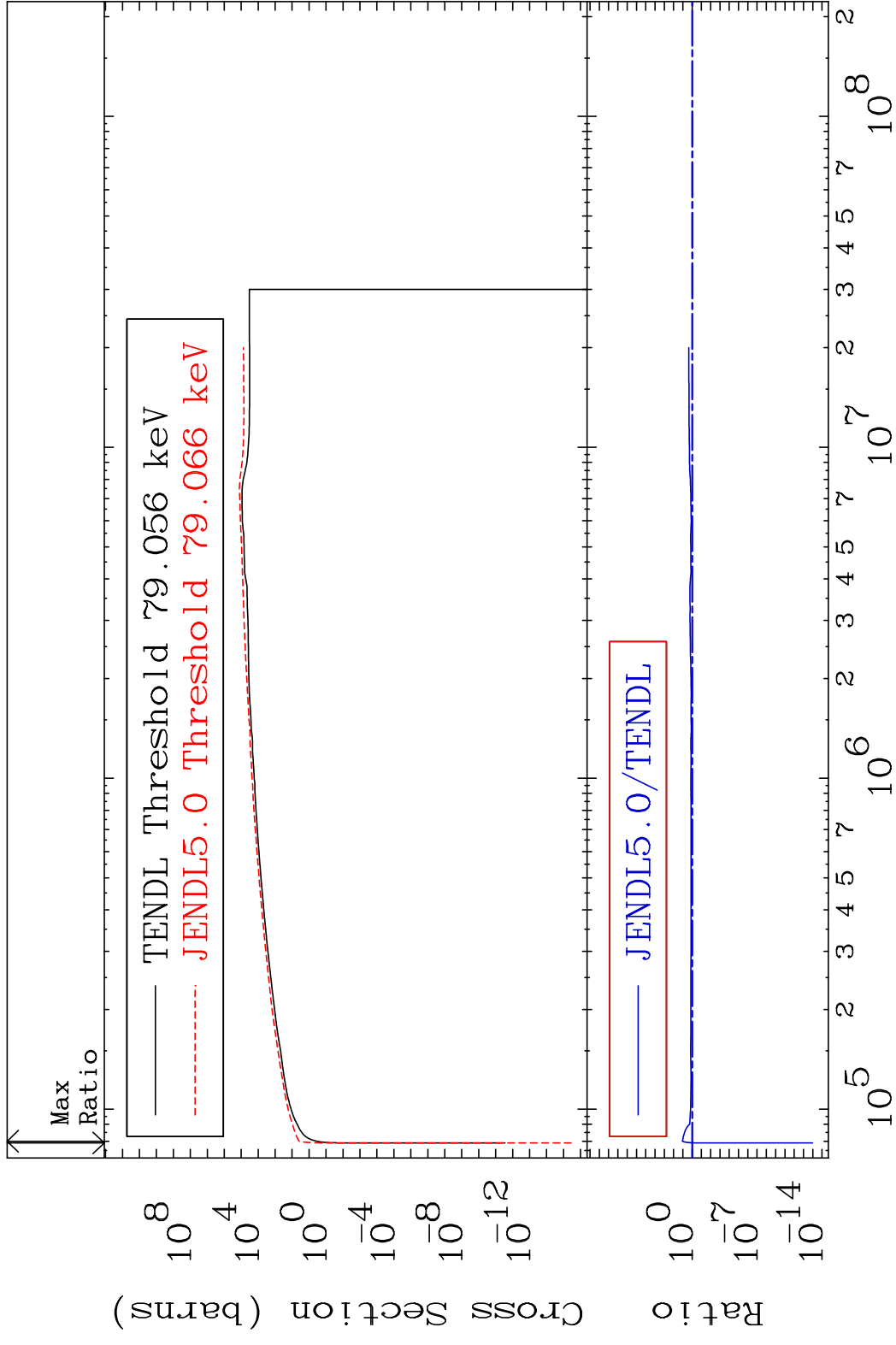


59

Incident Energy (eV)

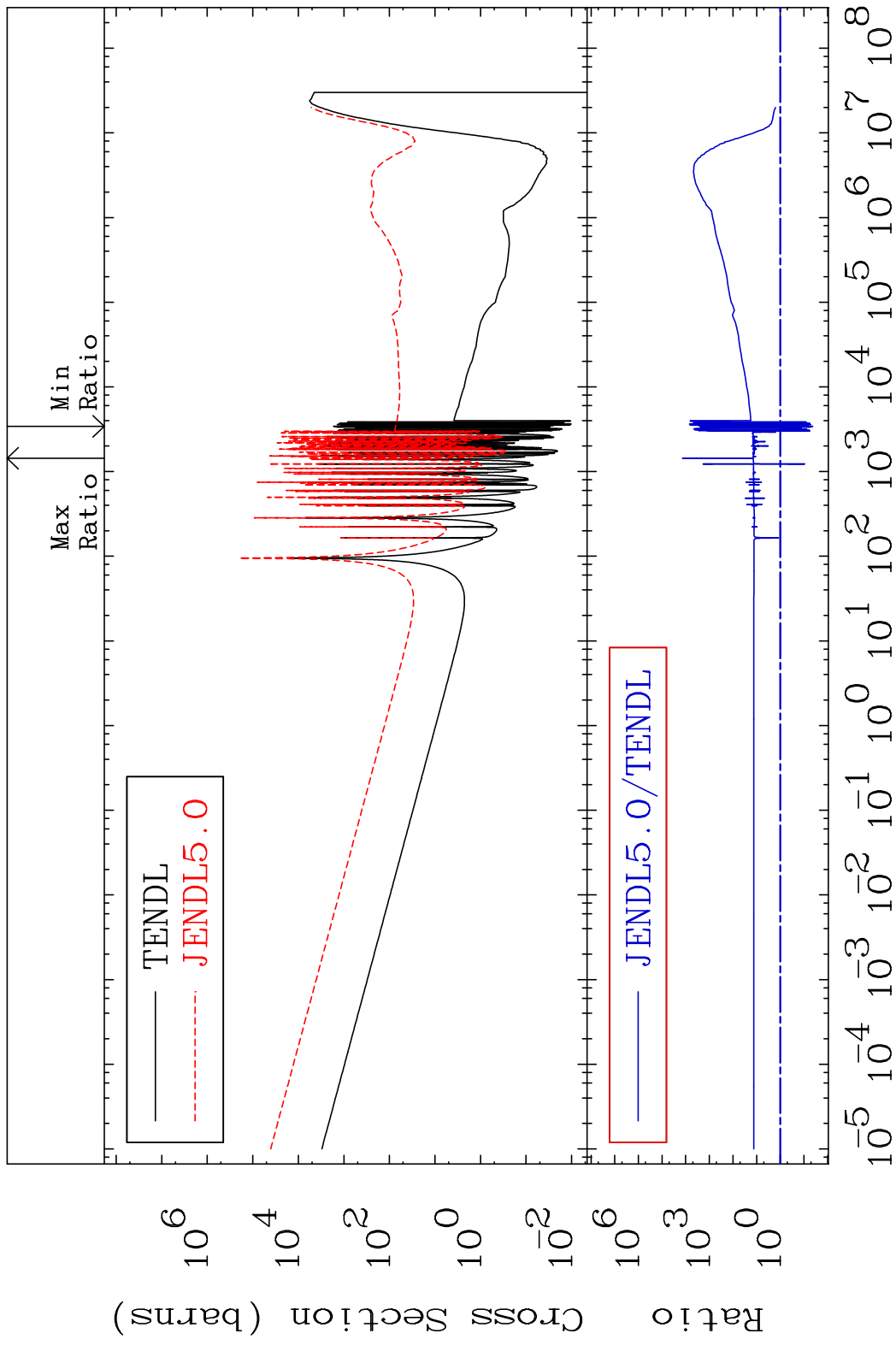
68-Er-170

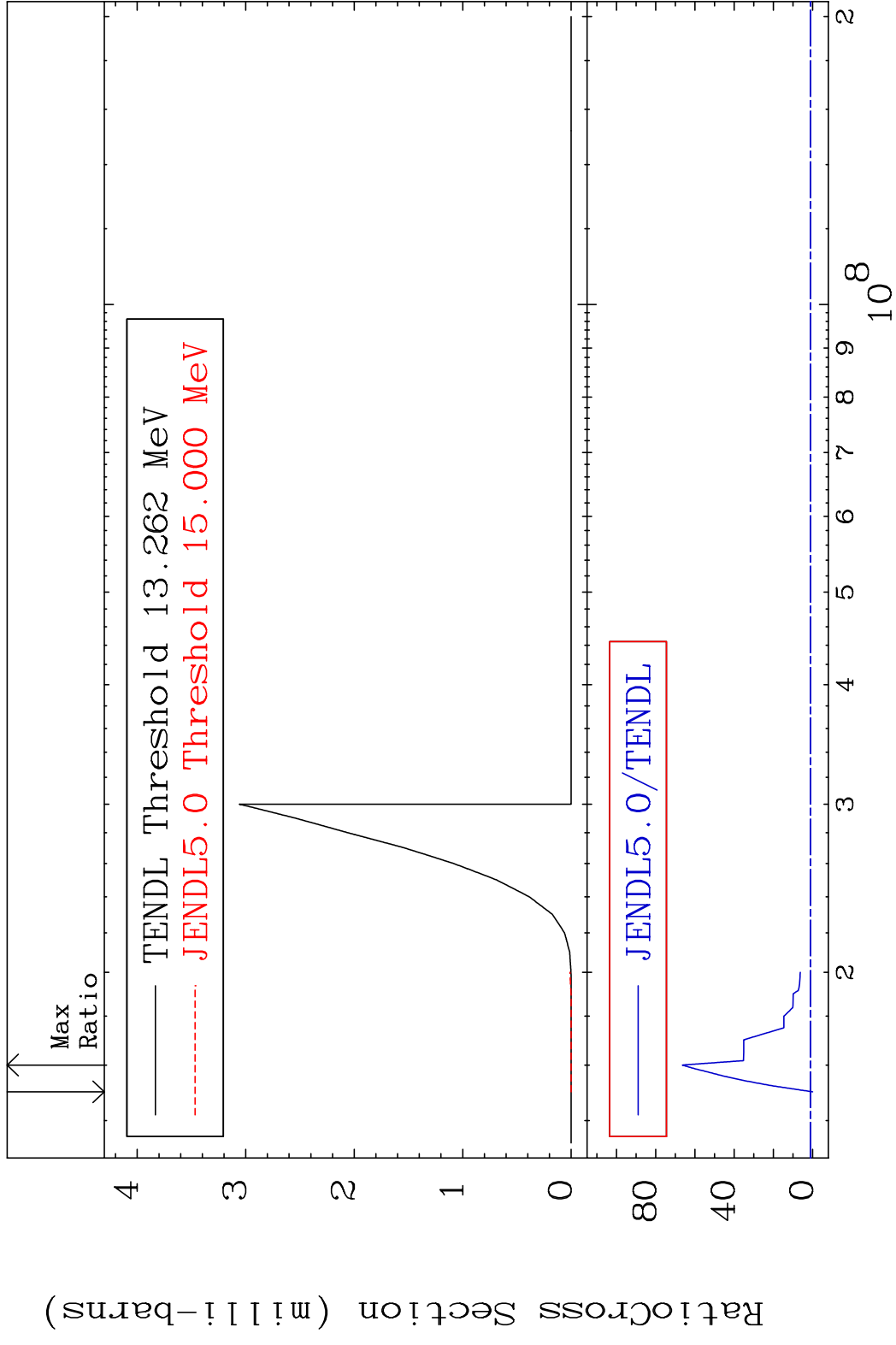
MAT 6849 Dpa inelastic (mt51-91) 68-Er-170  
 Cross Section -100.0 To 1028. %

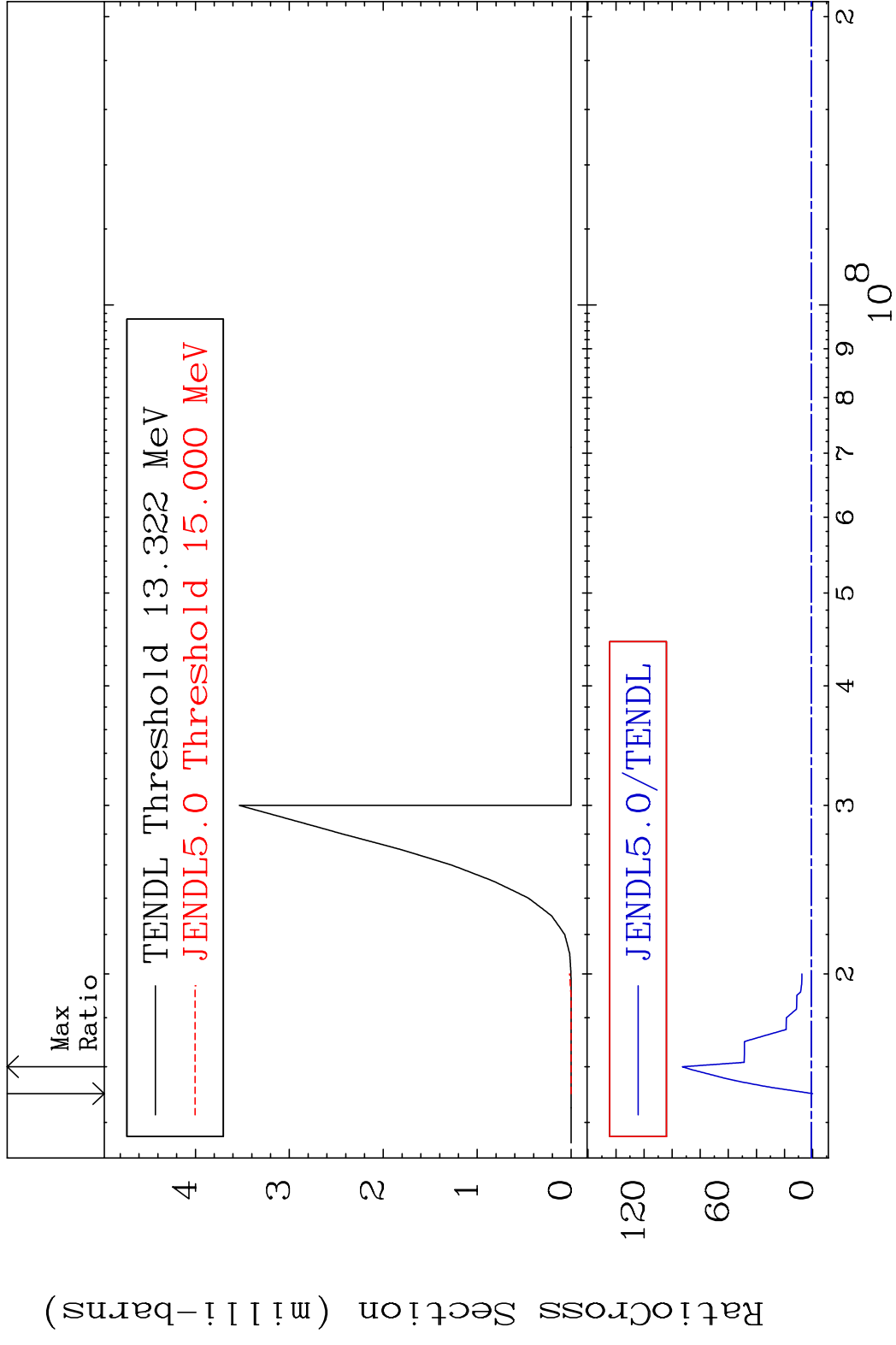


60 Incident Energy (eV) 68-Er-170

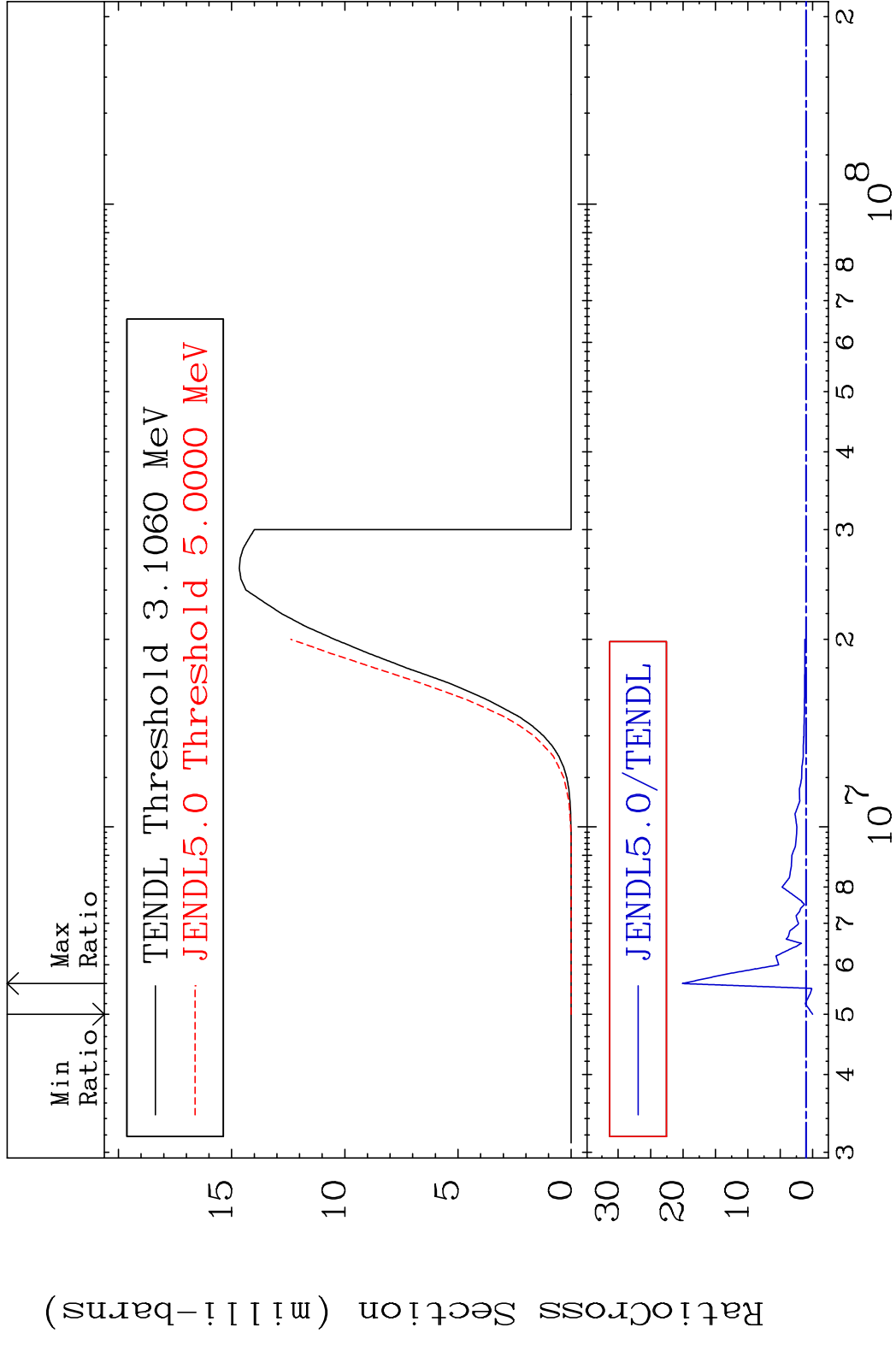
MAT 6849 Dpa disappearance (mt102 -120) 68-Er-170  
 Cross Section -95.69 To 9999. %

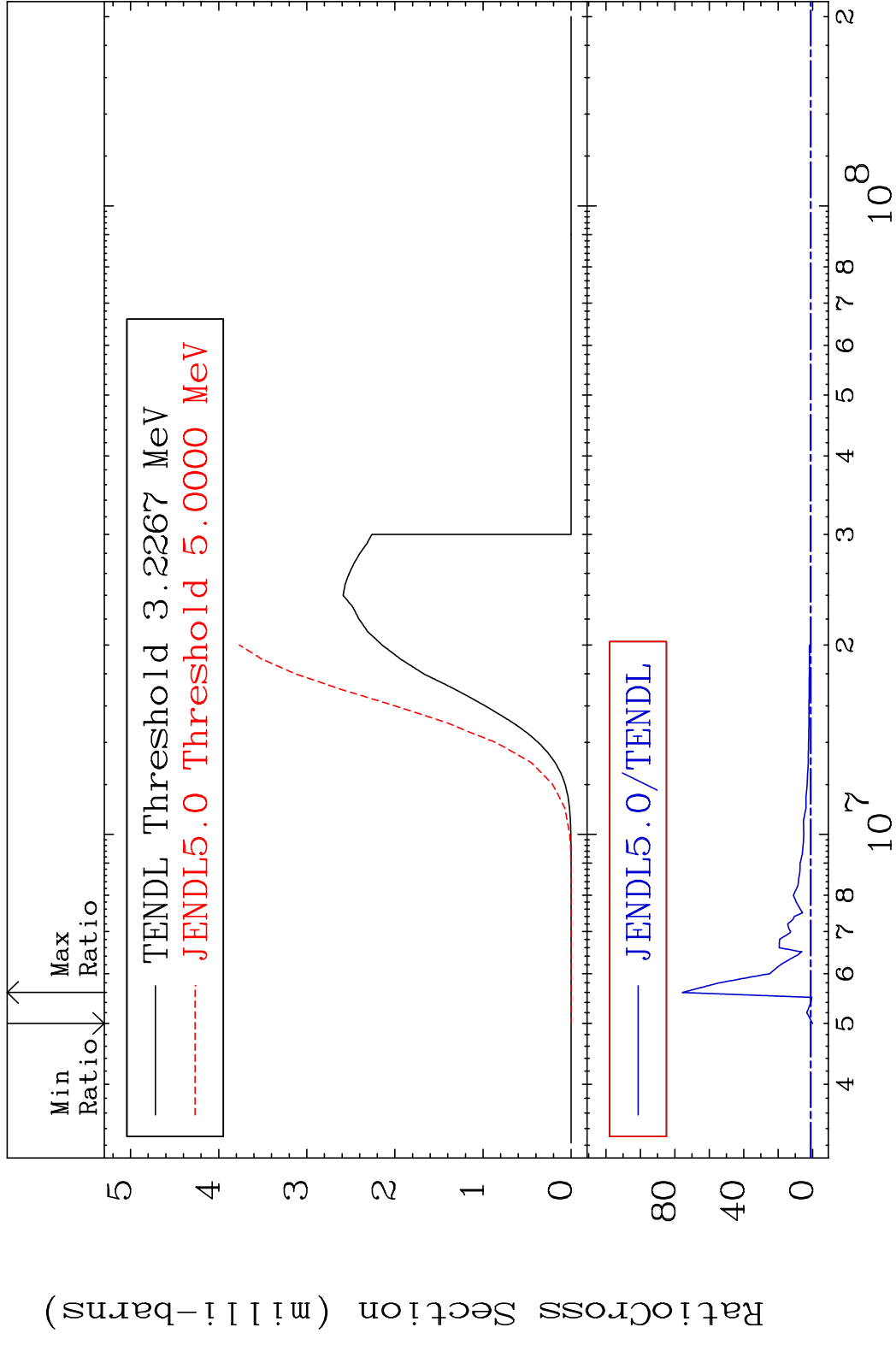


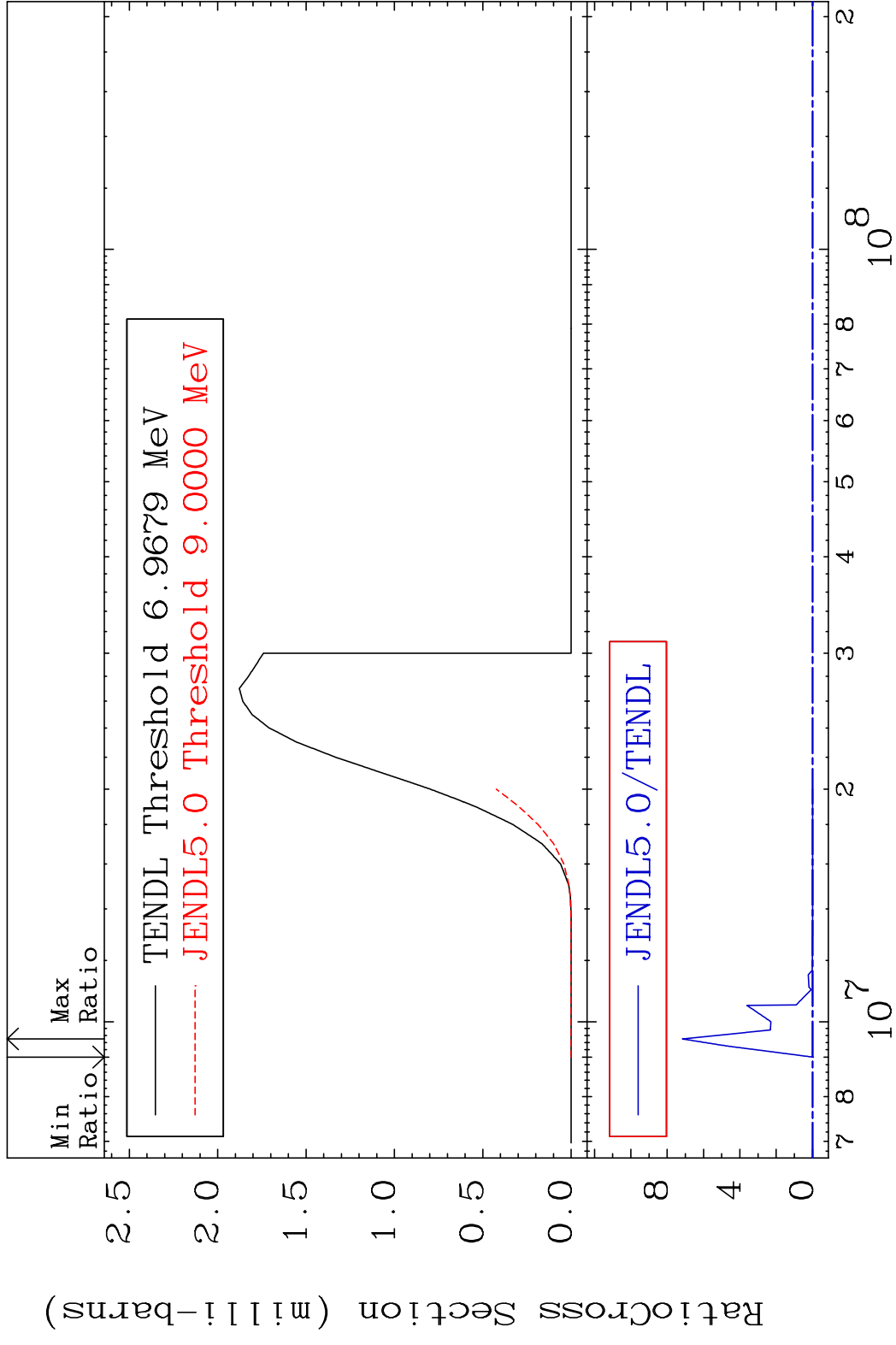


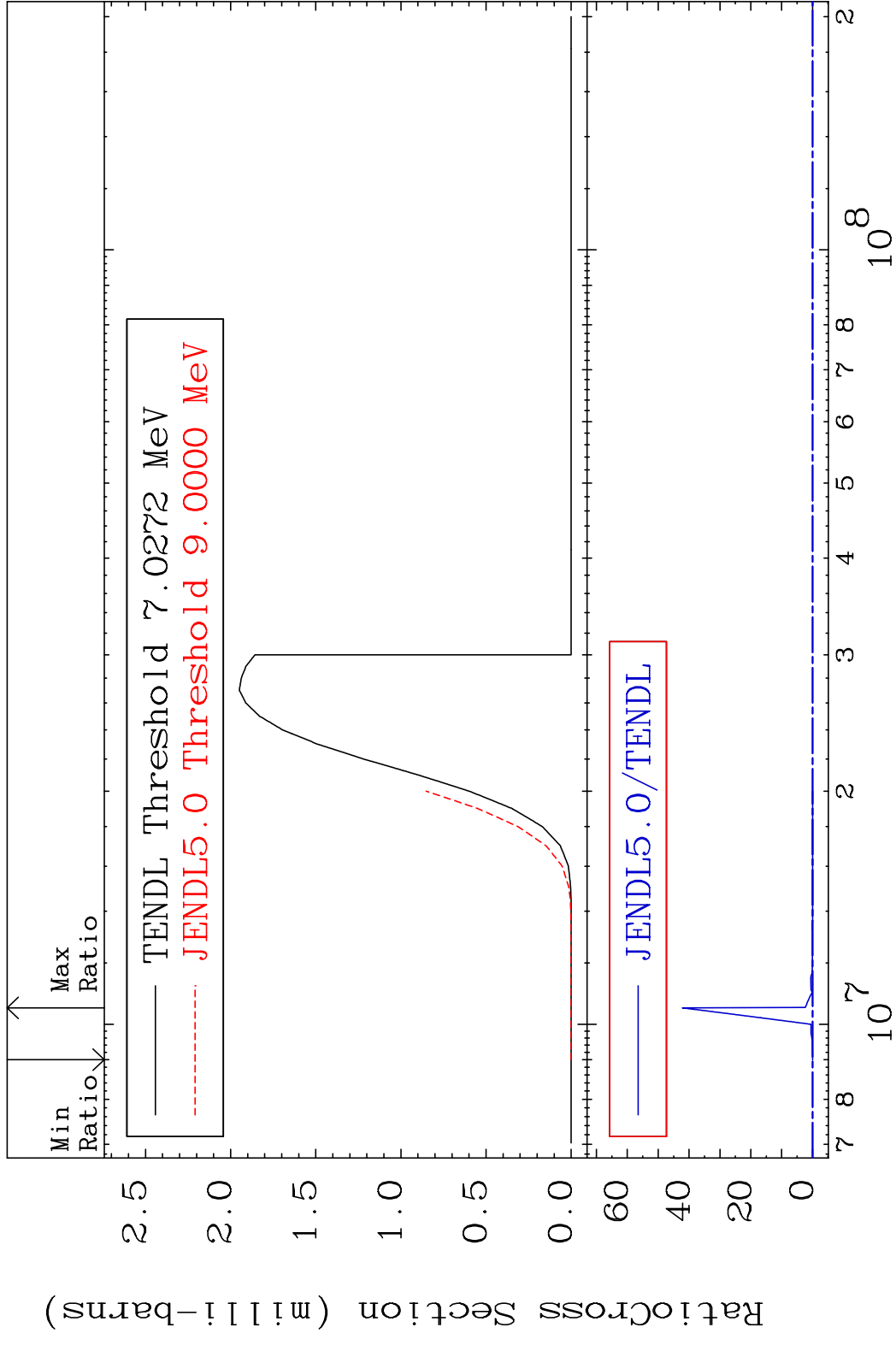






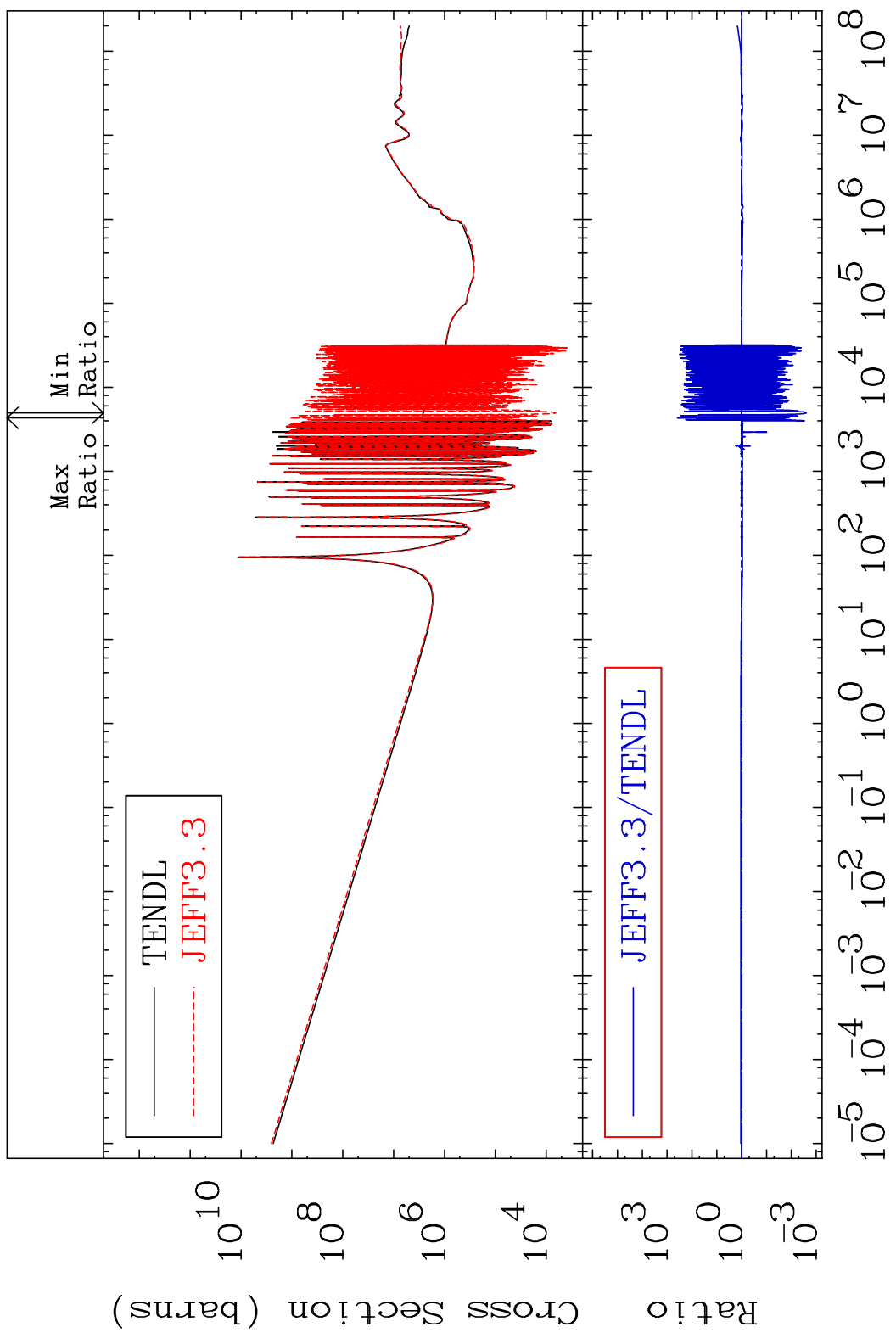






MAT 6849

Total photon (eV-barns) 68-Er-170  
Cross Section -99.75 To 9999. %

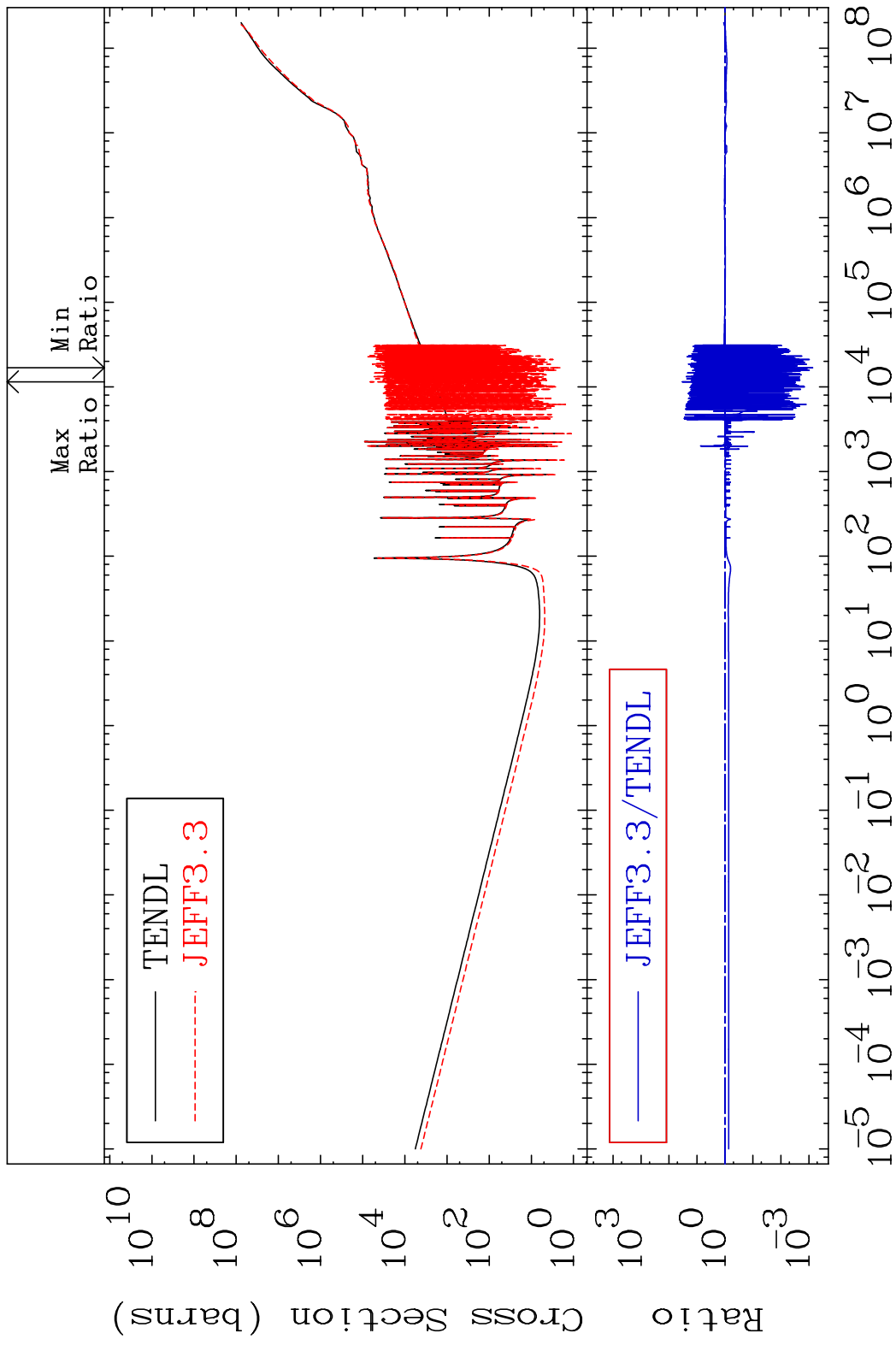


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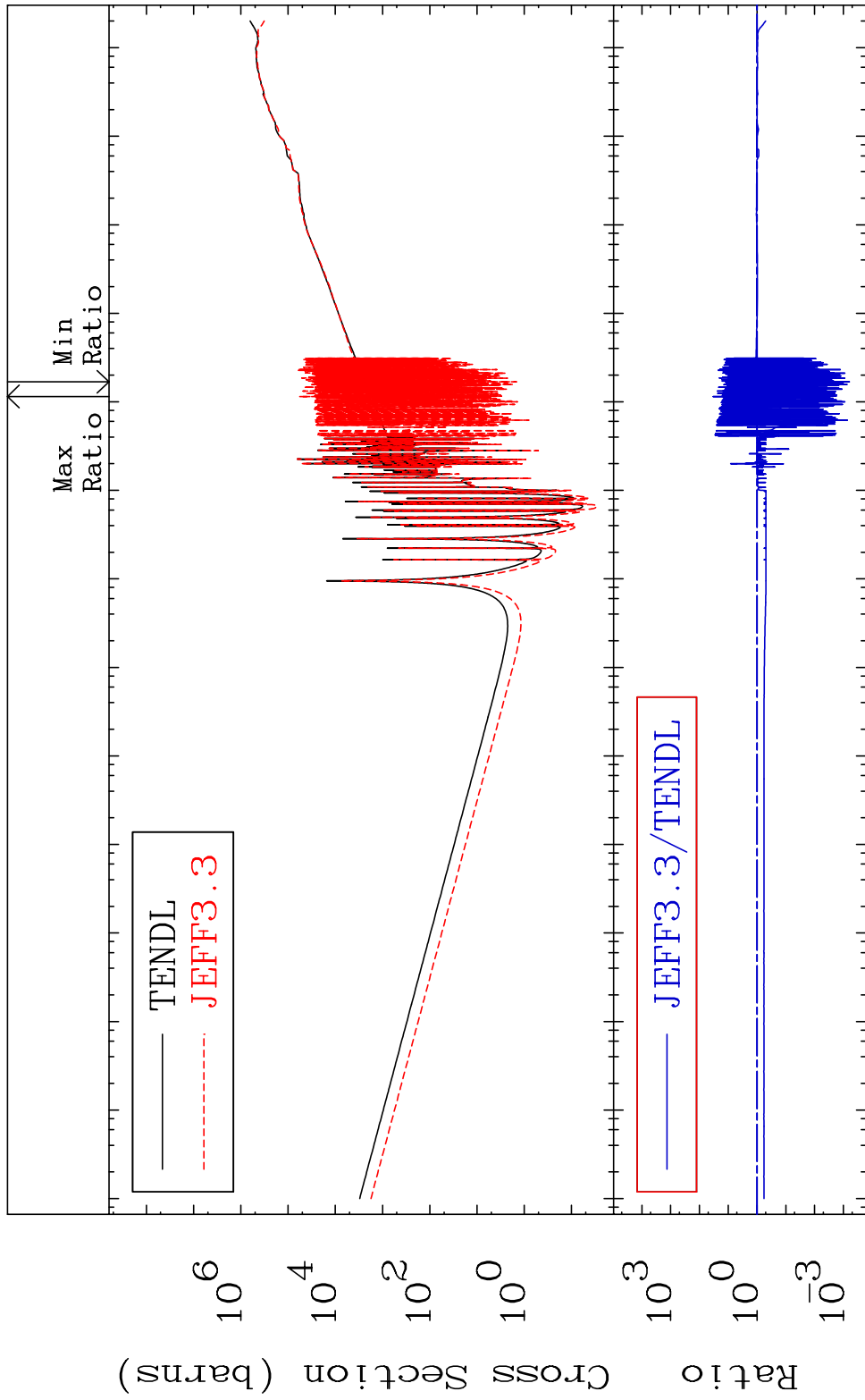
Incident Energy (eV)

68-Er-170

MAT 6849 Total kinematic kerma (high limit) 68-Er-170  
 Cross Section -99.93 To 3233. %



MAT 6849      Dpa total (eV-barns)      68-Er-170  
Cross Section      -99.94 To 3230. %



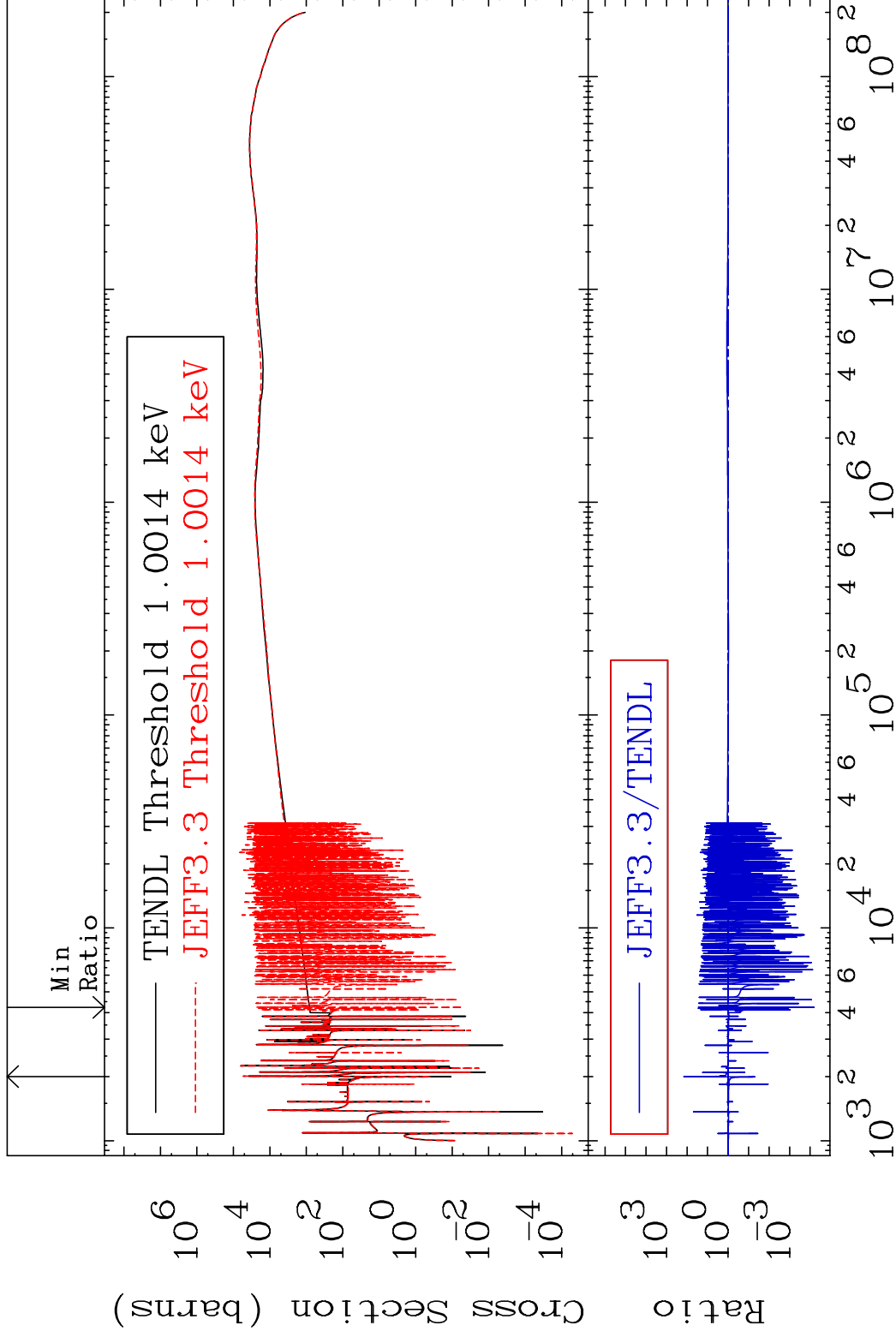
70      Incident Energy (eV)      68-Er-170

MAT 6849

Dpa elastic (mt2)

68-Er-170

Cross Section -99.99 To 9999. %



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Incident Energy (eV)

68-Er-170

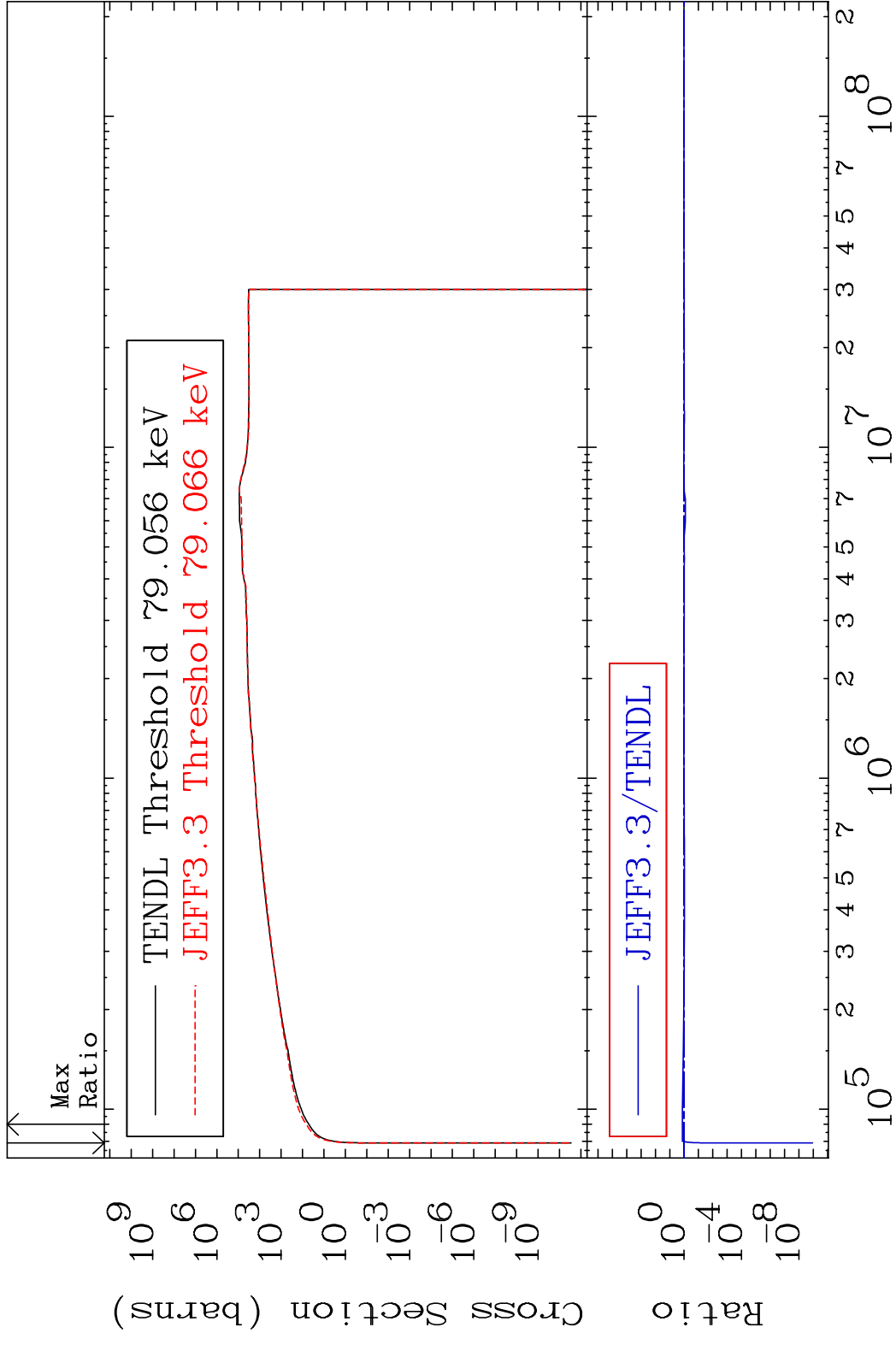


MAT 6849

Dpa inelastic (mt51-91)

68-Er-170

Cross Section -100.0 To 32.11 %

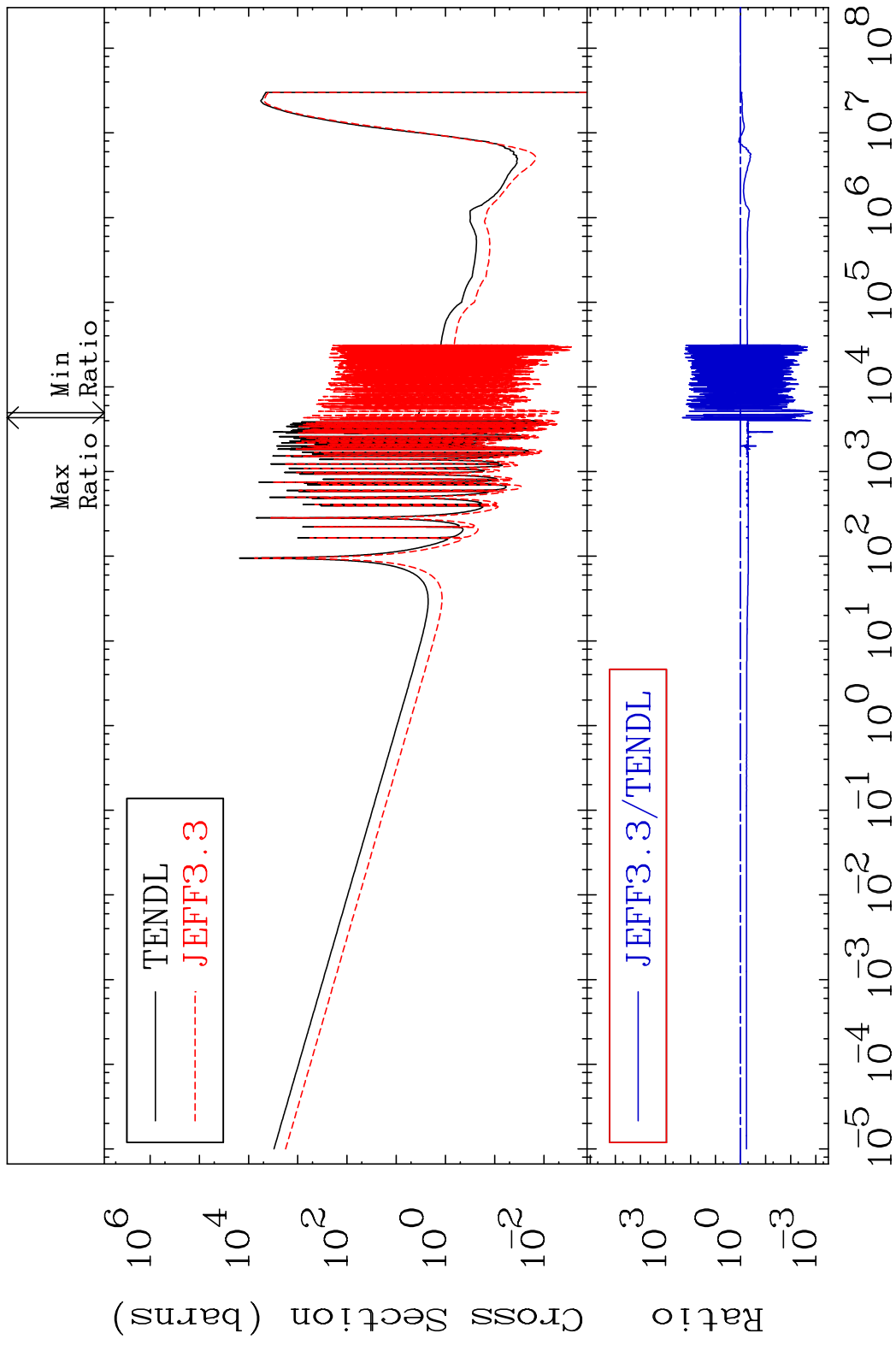


72

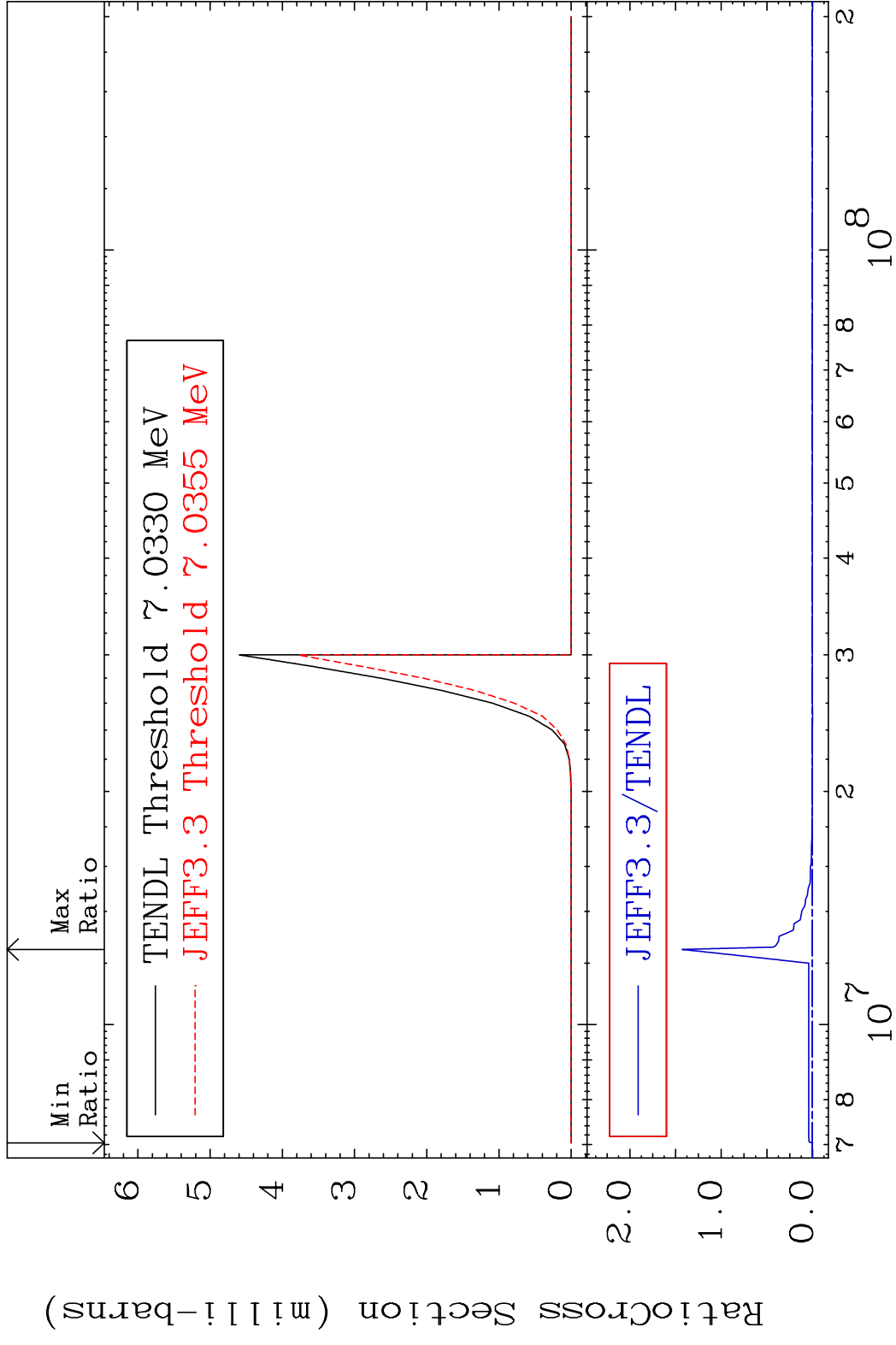
Incident Energy (eV)

68-Er-170

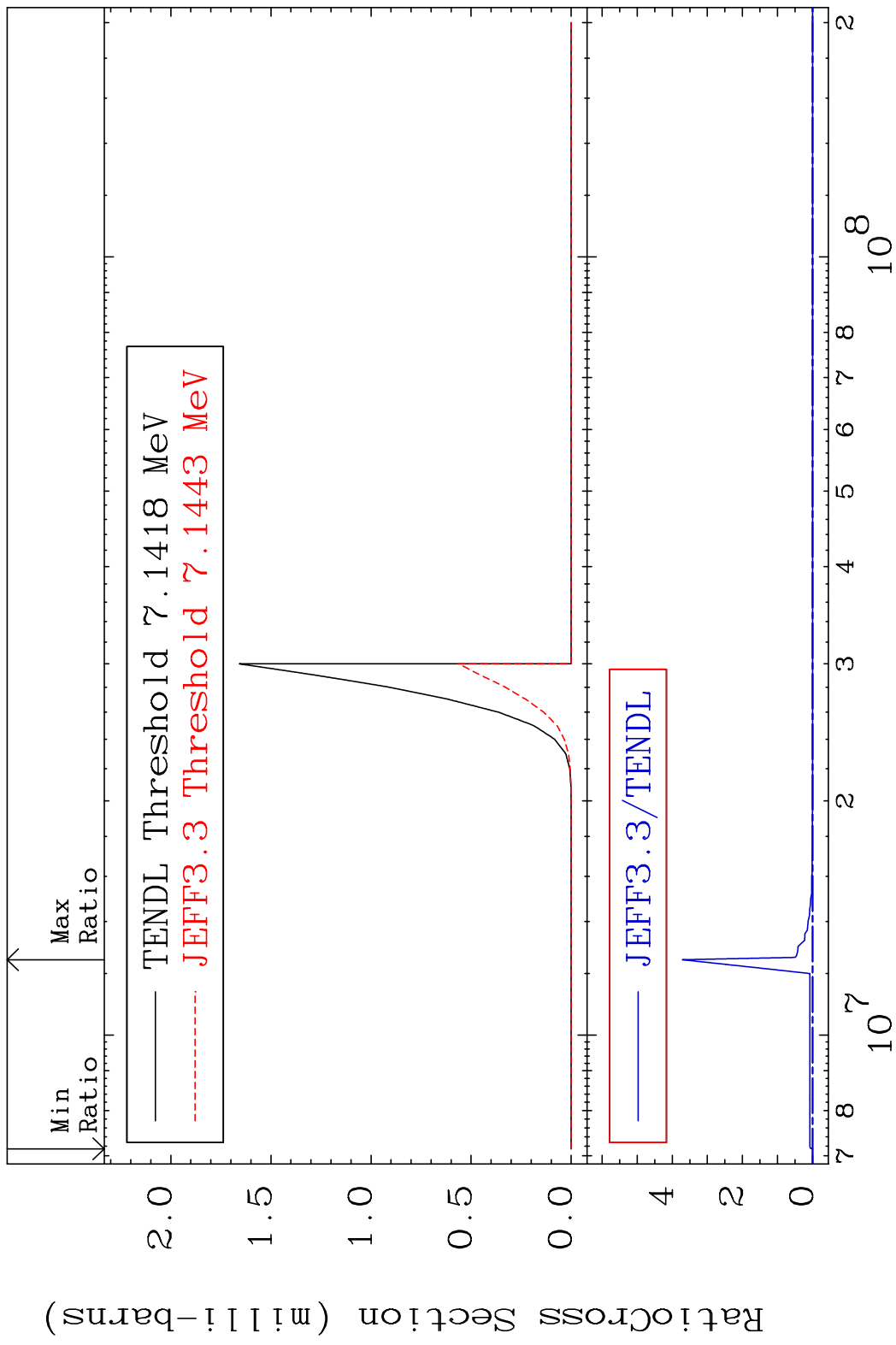
MAT 6849 Dpa disappearance (mt102 -120) 68-Er-170  
 Cross Section -99.87 To 9999. %



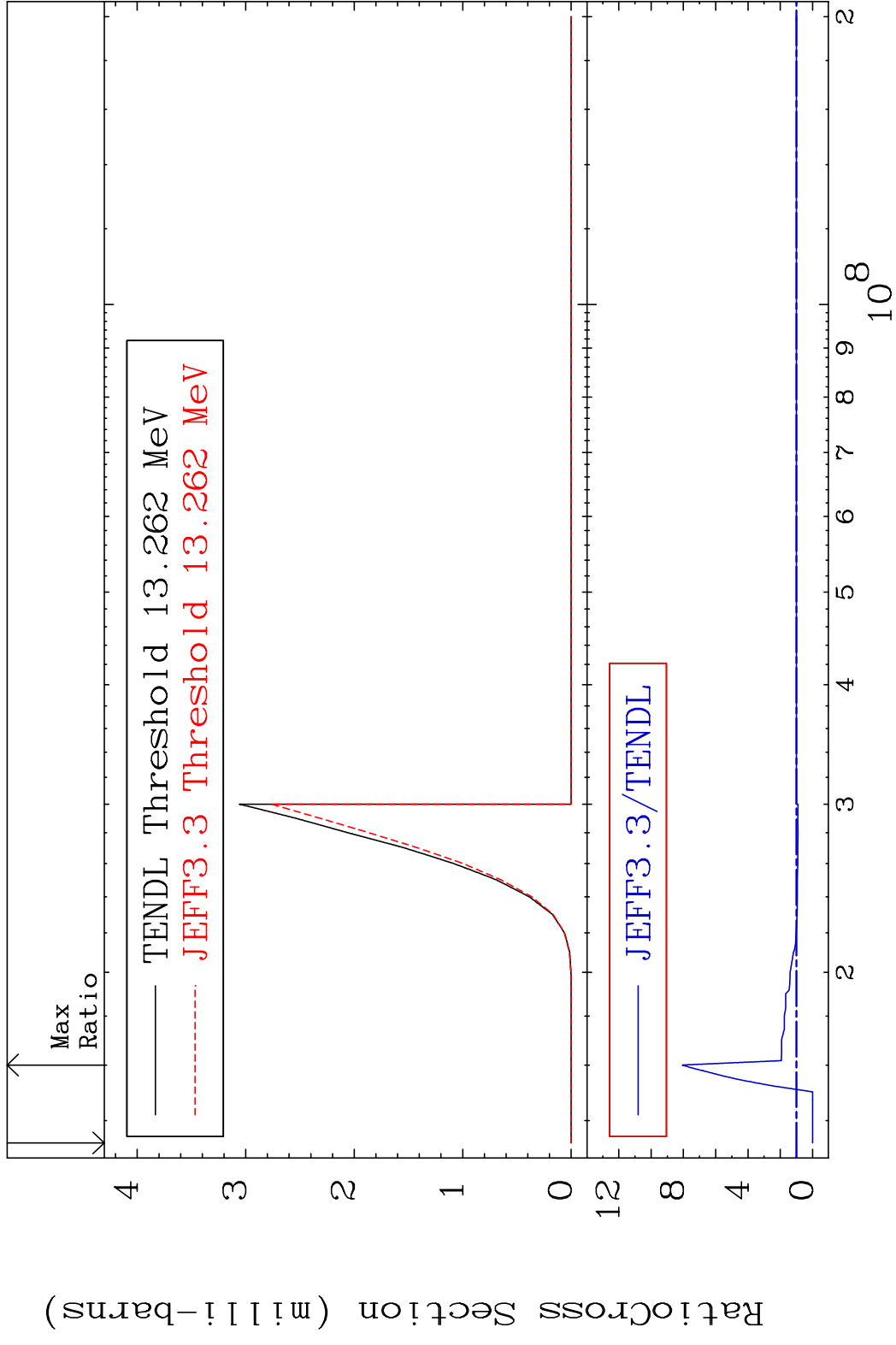
MAT 6849 (n,2n)  $\alpha$ :66-Dy-165g 68-Er-170  
 Radionuclide Production Cross Section 18000 dth 9999. %



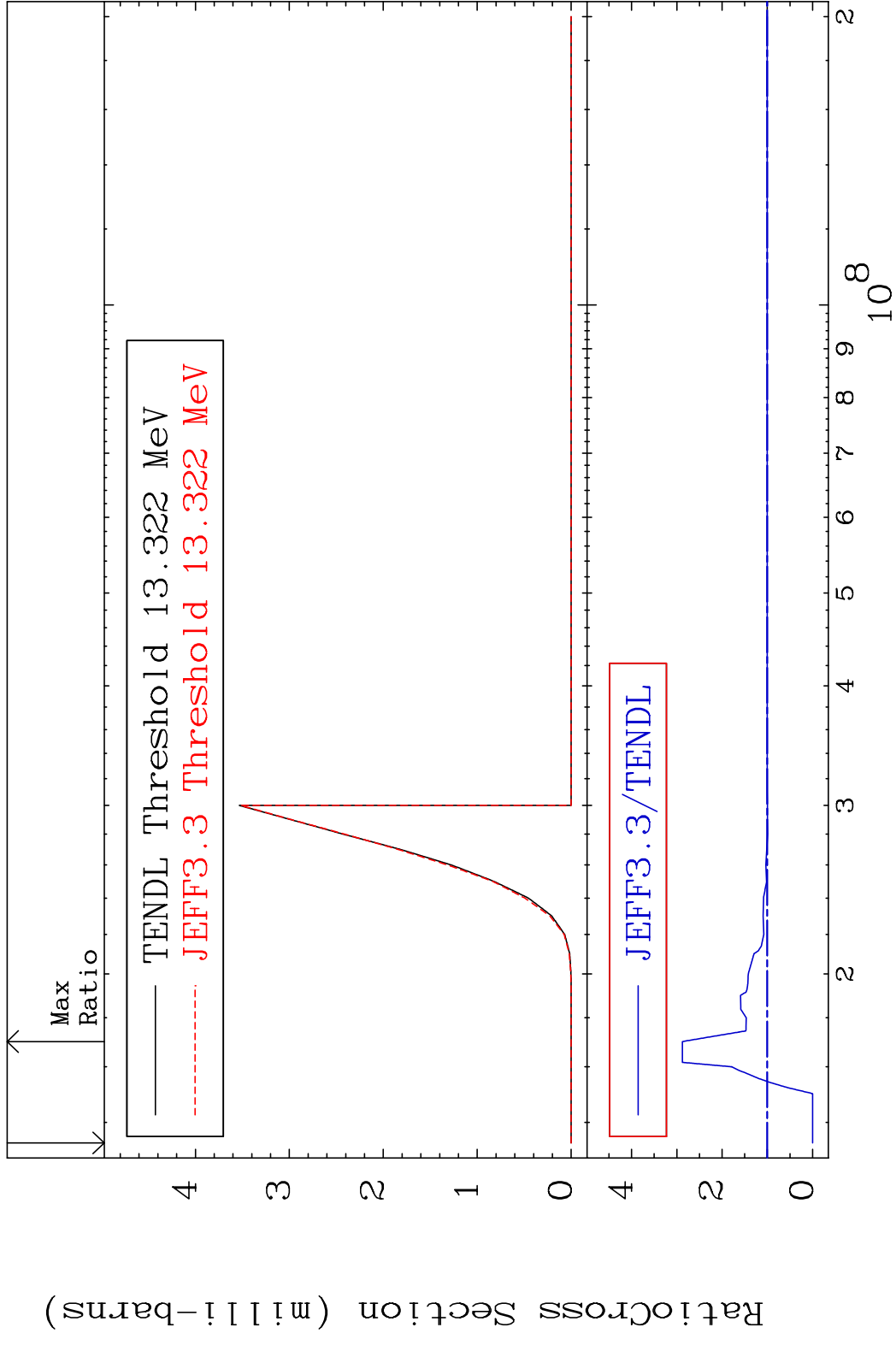
MAT 6849 (n,2n)  $\alpha$ :66-Dy-165m2 68-Er-170  
 Radionuclide Production Cross Section 100.00 dth 9999. %



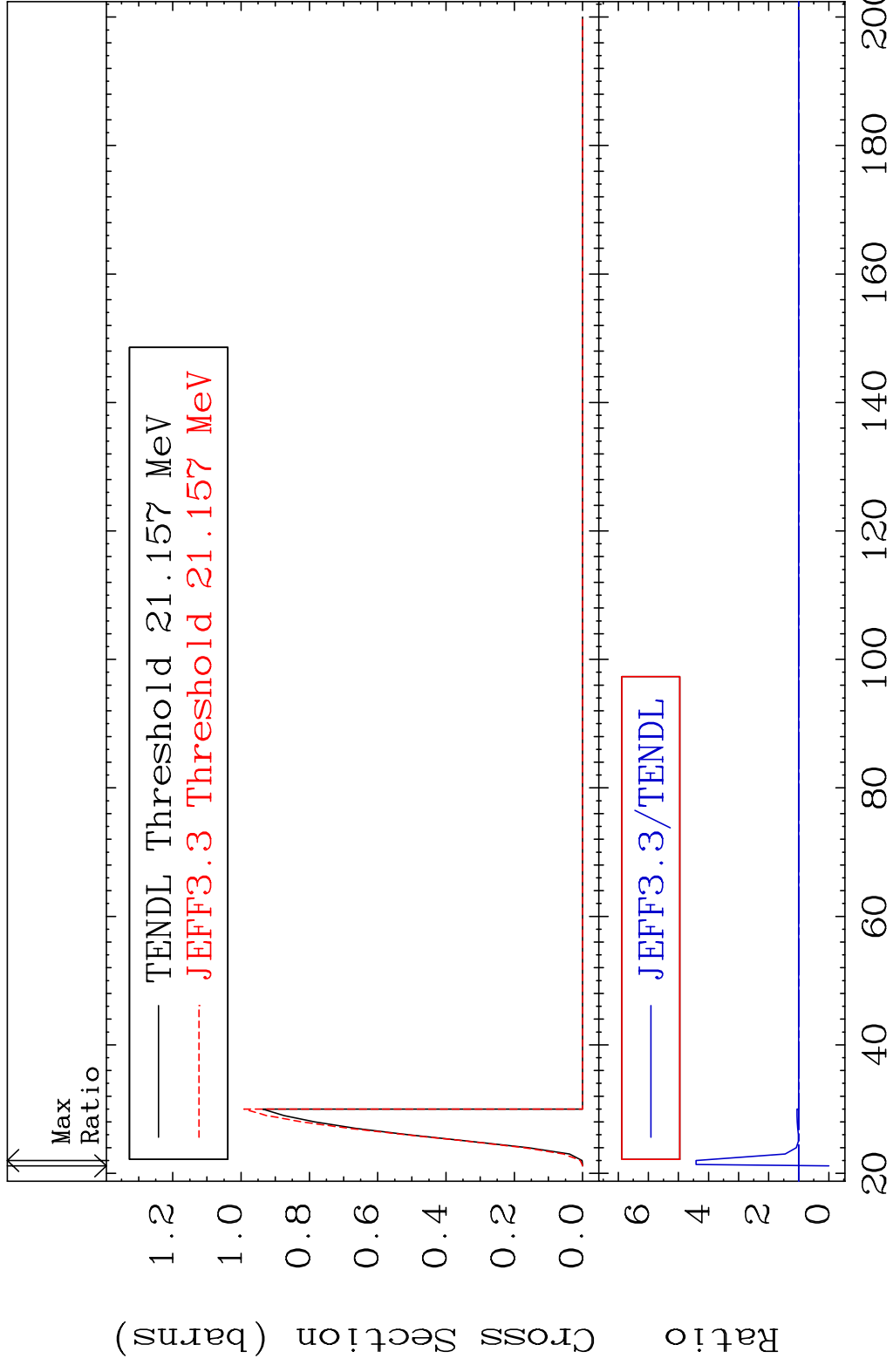
MAT 6849 (n, n') d:67-Ho-168g 68-Er-170  
 Radionuclide Production Cross Section 180.0 dth 706.5 %



MAT 6849 (n, n') d:67-Ho-168m1 68-Er-170  
 Radionuclide Production Cross Section 187.8 %



MAT 6849 (n,4n):68-Er-167g 68-Er-170  
 Radionuclide Production Cross Section 180.0 dth 341.6 %



MAT 6849 (n, 4n):68-Er-167m3 68-Er-170  
 Radionuclide Production Cross Section 180.0 dth 418.2 %

