

Program Complot
(Version 2021-1)

by

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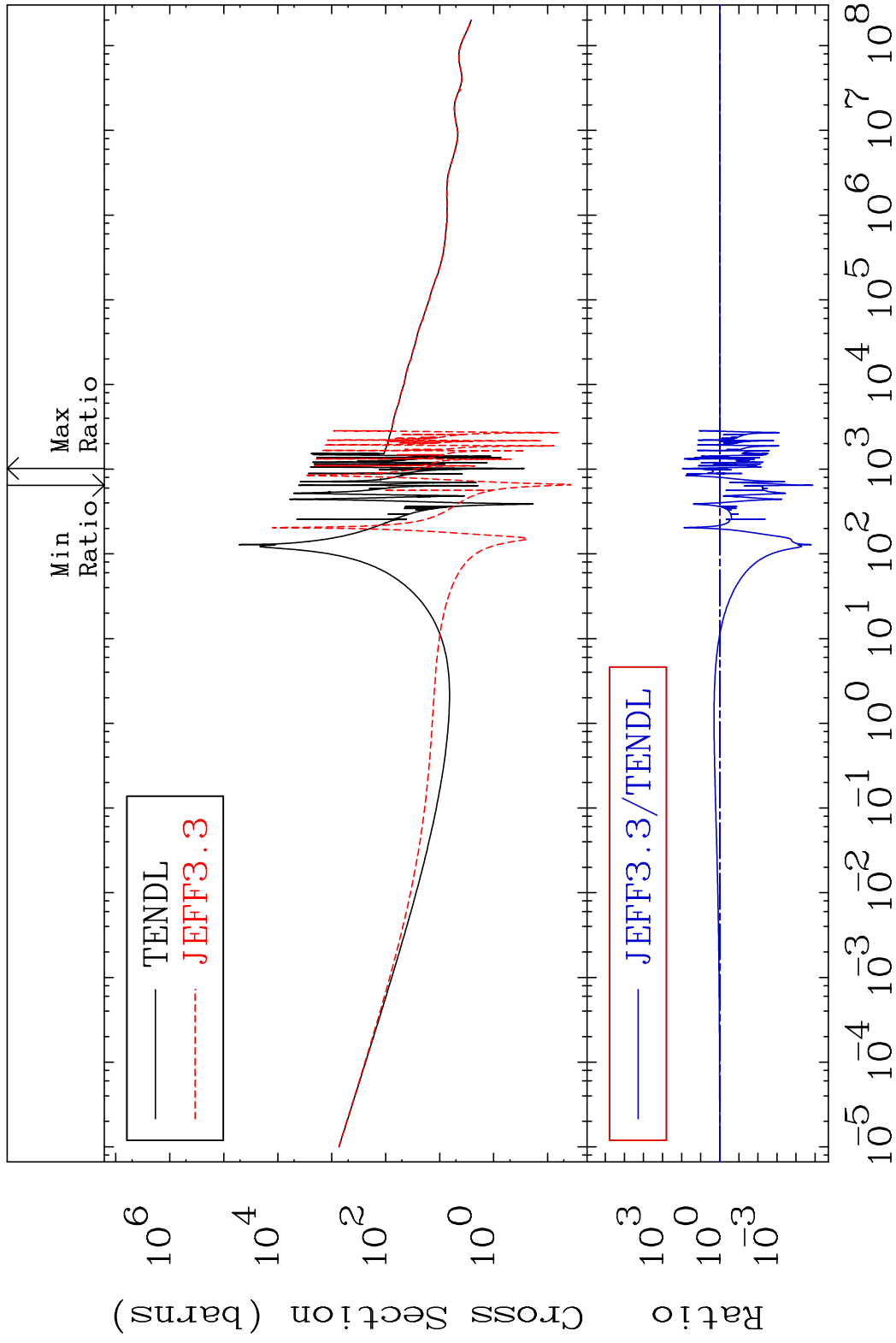
Press Mouse Button to Start

MAT 6855

Total

68-Er-172

Cross Section -100.0 To 9062. %



1

Incident Energy (eV)

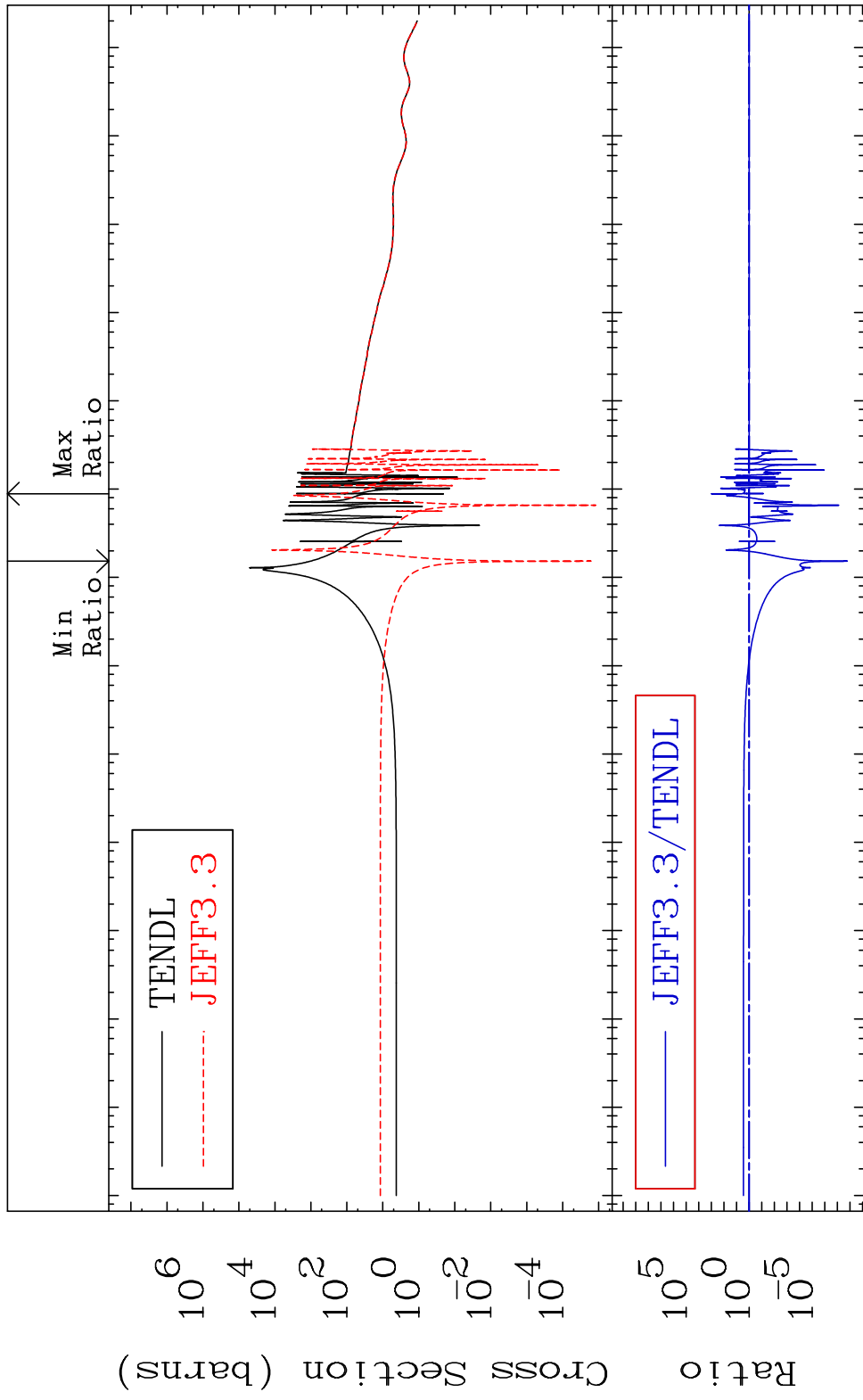
68-Er-172

MAT 6855

Elastic

68-Er-172

Cross Section -100.0 To 9999. %

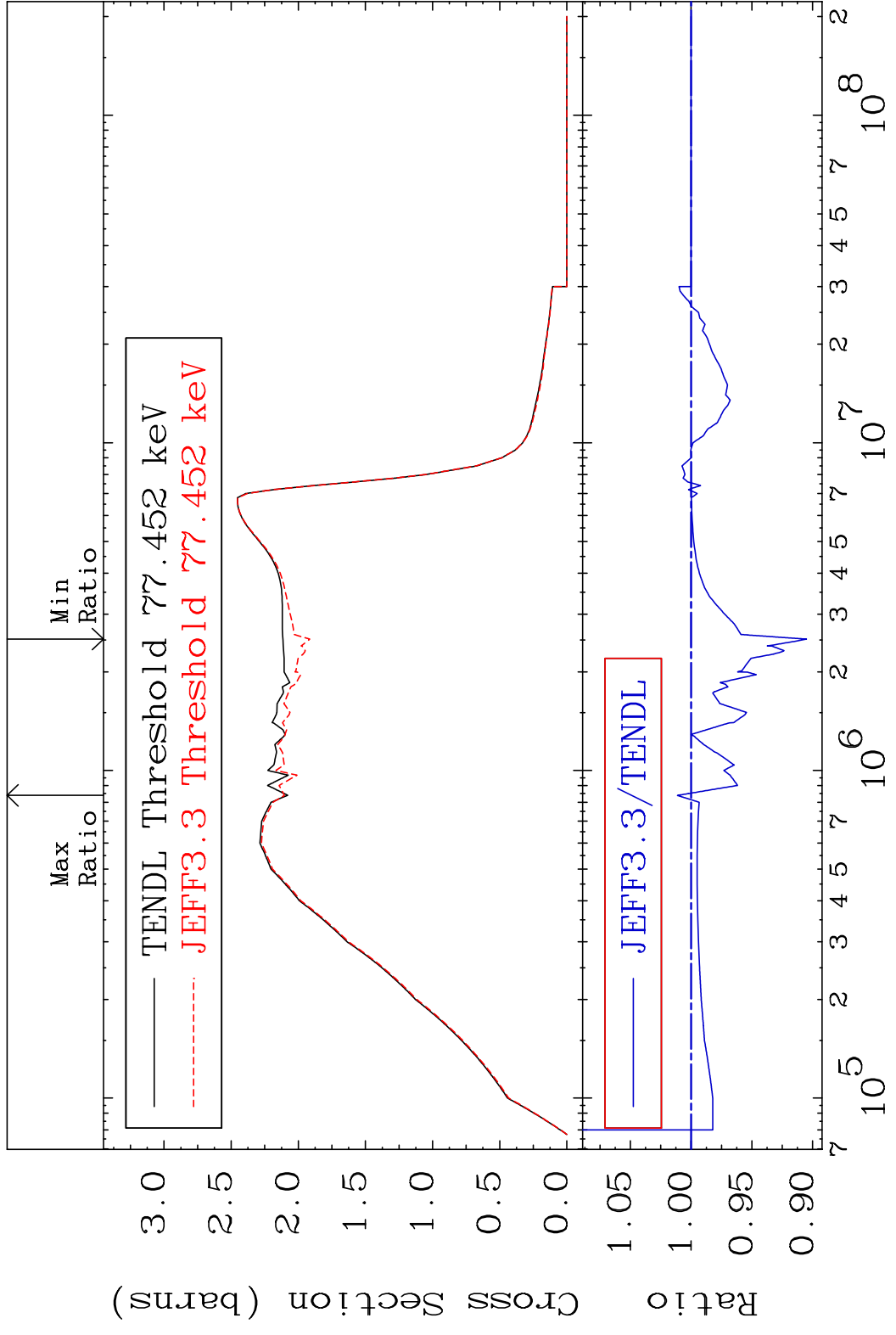


2

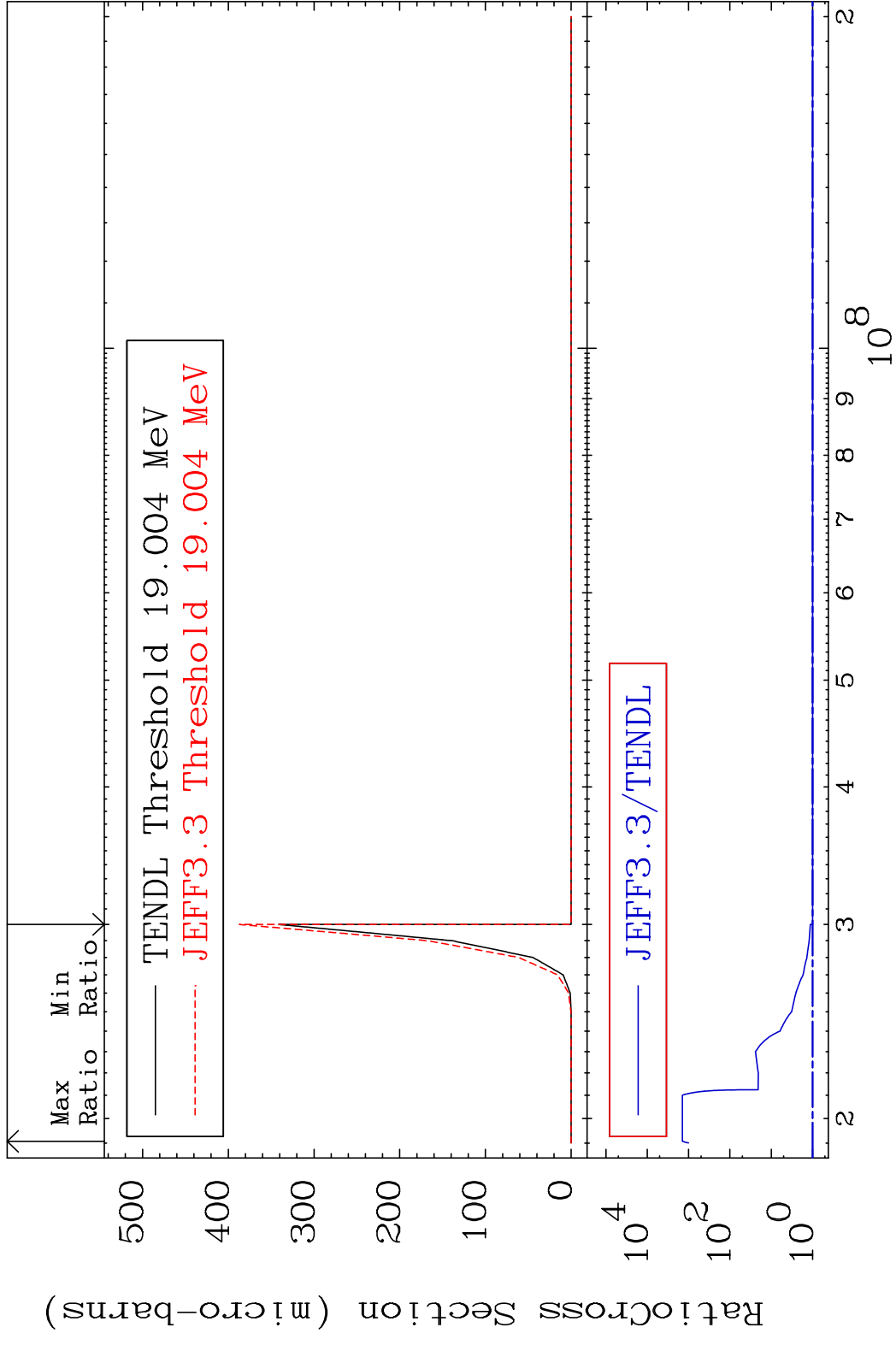
Incident Energy (eV)

68-Er-172

MAT 6855 Inelastic 68-Er-172
 Cross Section -9.486 To 1.146 %



MAT 6855 (n,2n) d 68-Er-172
 Cross Section 0.000 To 9999. %

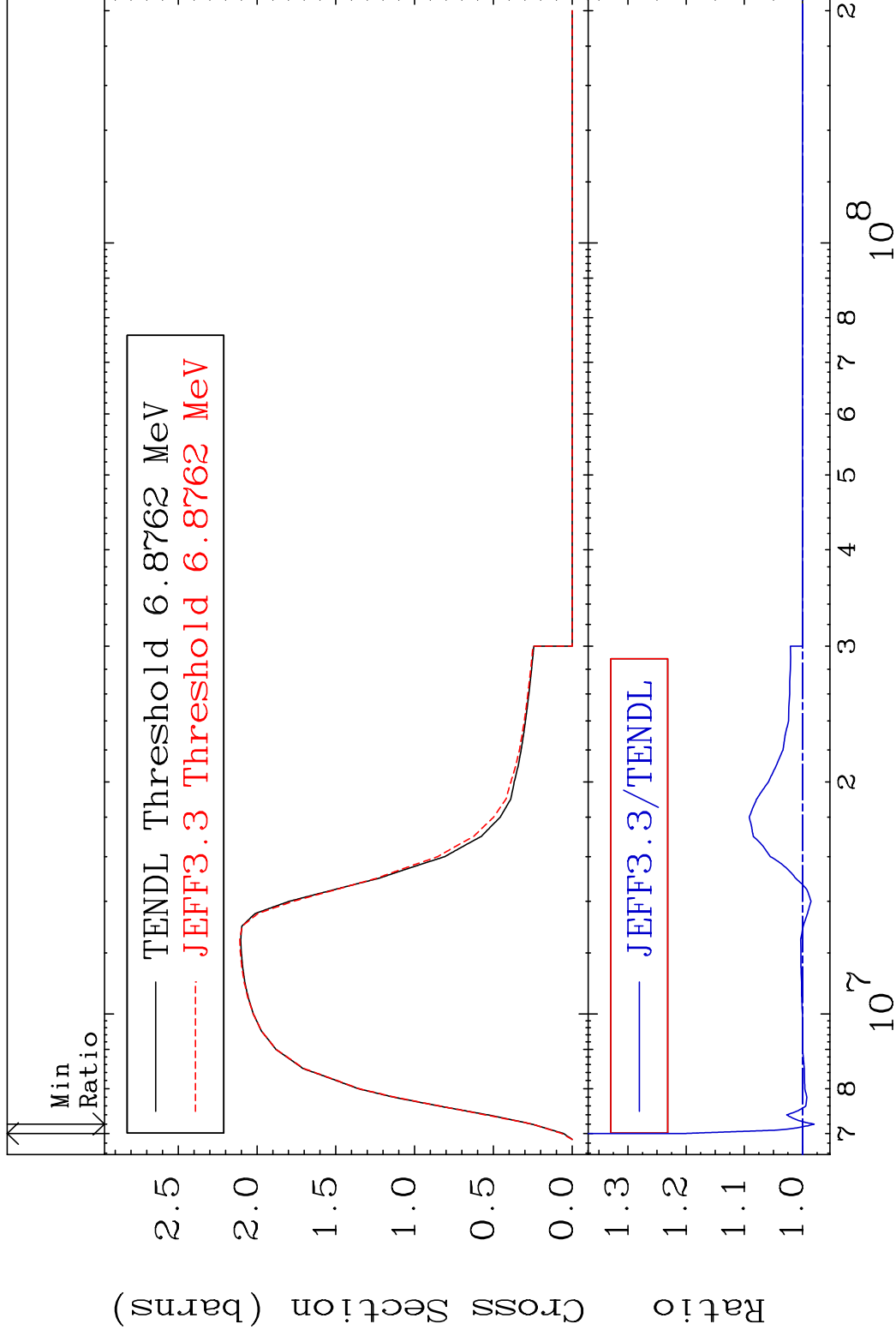


MAT 6855

(n,2n)

68-Er-172

Cross Section -1.989 To 20.42 %



5

Incident Energy (eV)

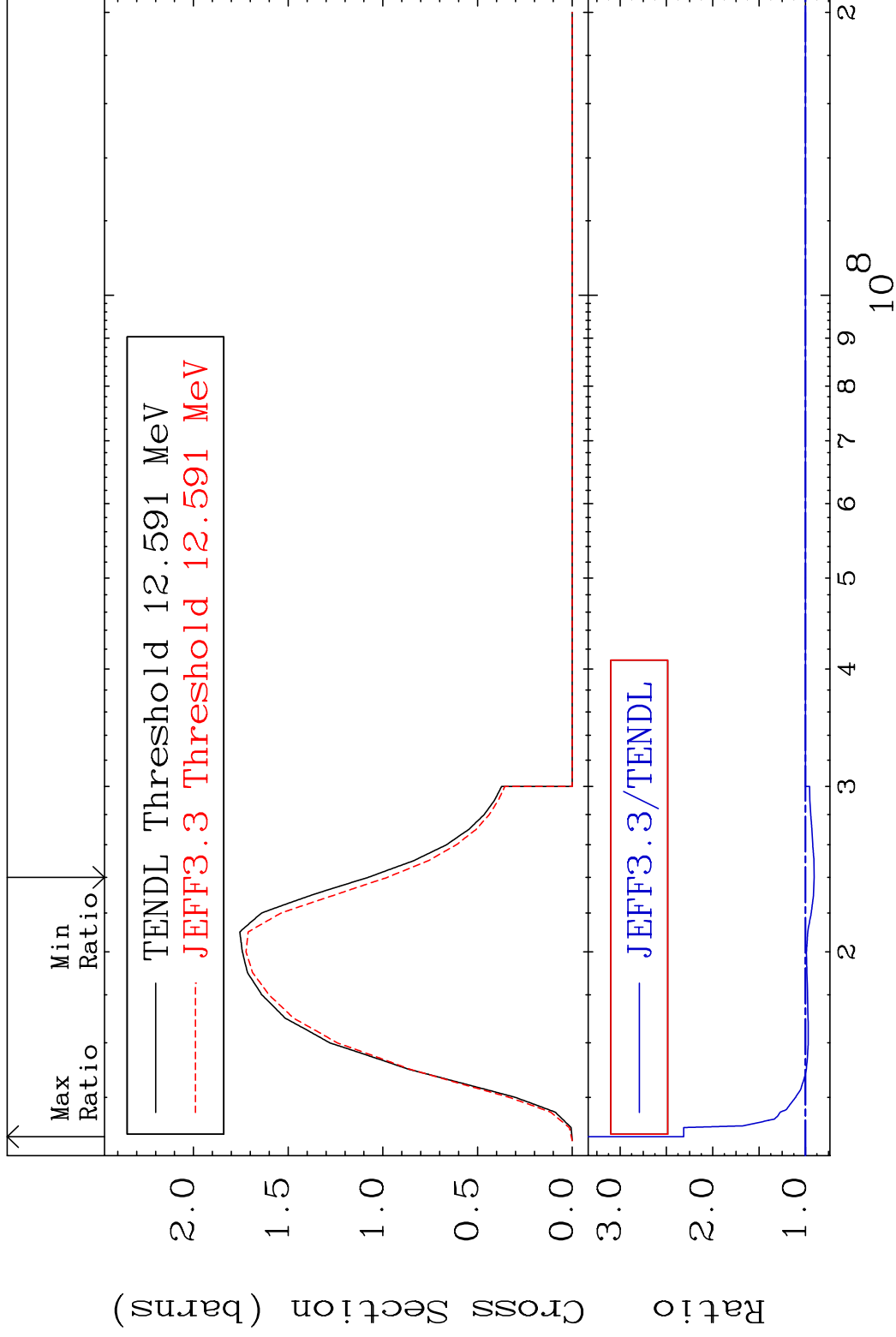
68-Er-172

MAT 6855

(n,3n)

68-Er-172

Cross Section -9.396 To 131.4 %



6

Incident Energy (eV)

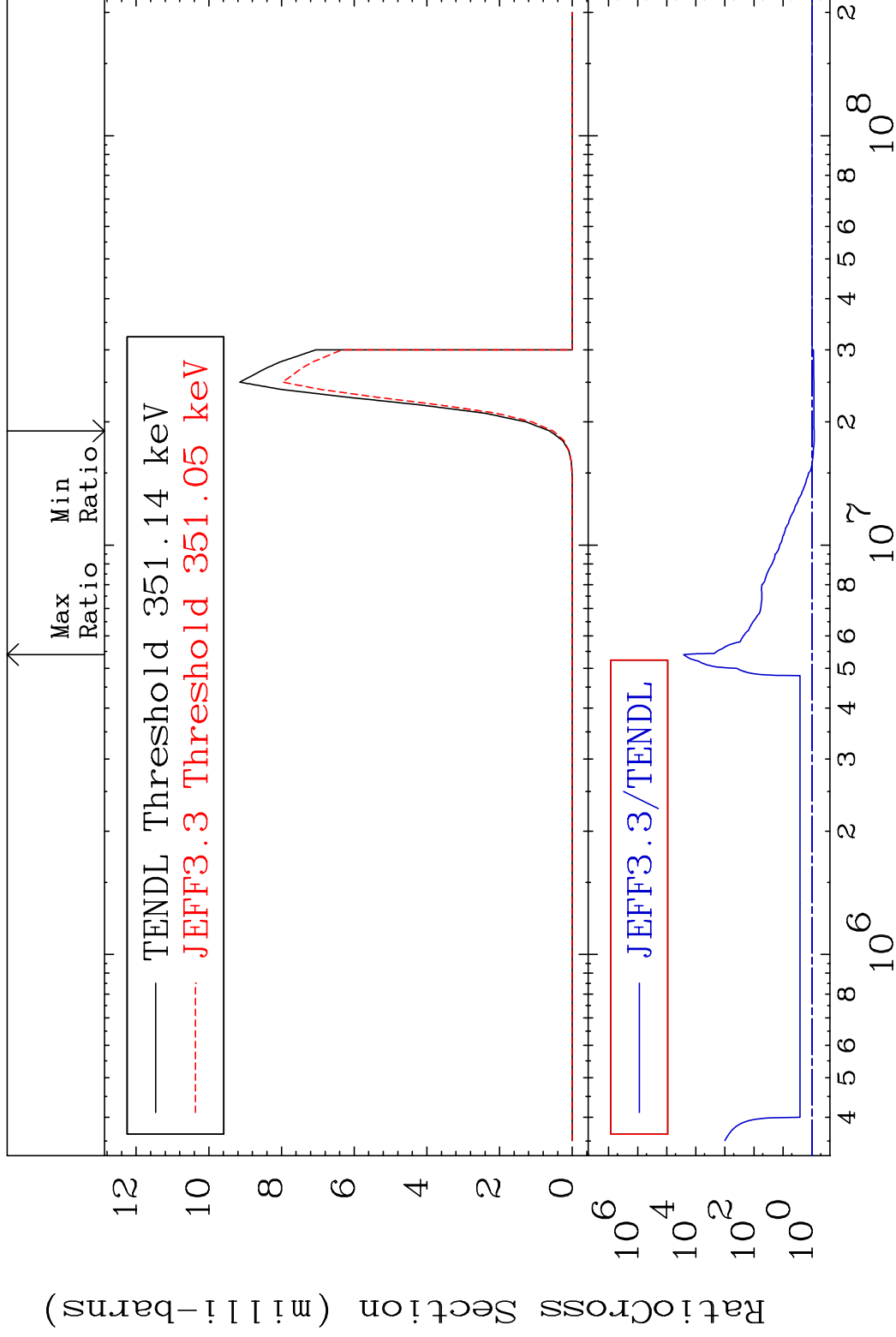
68-Er-172

MAT 6855

(n, n') α

68-Er-172

Cross Section -14.44 To 9999. %



7

Incident Energy (eV)

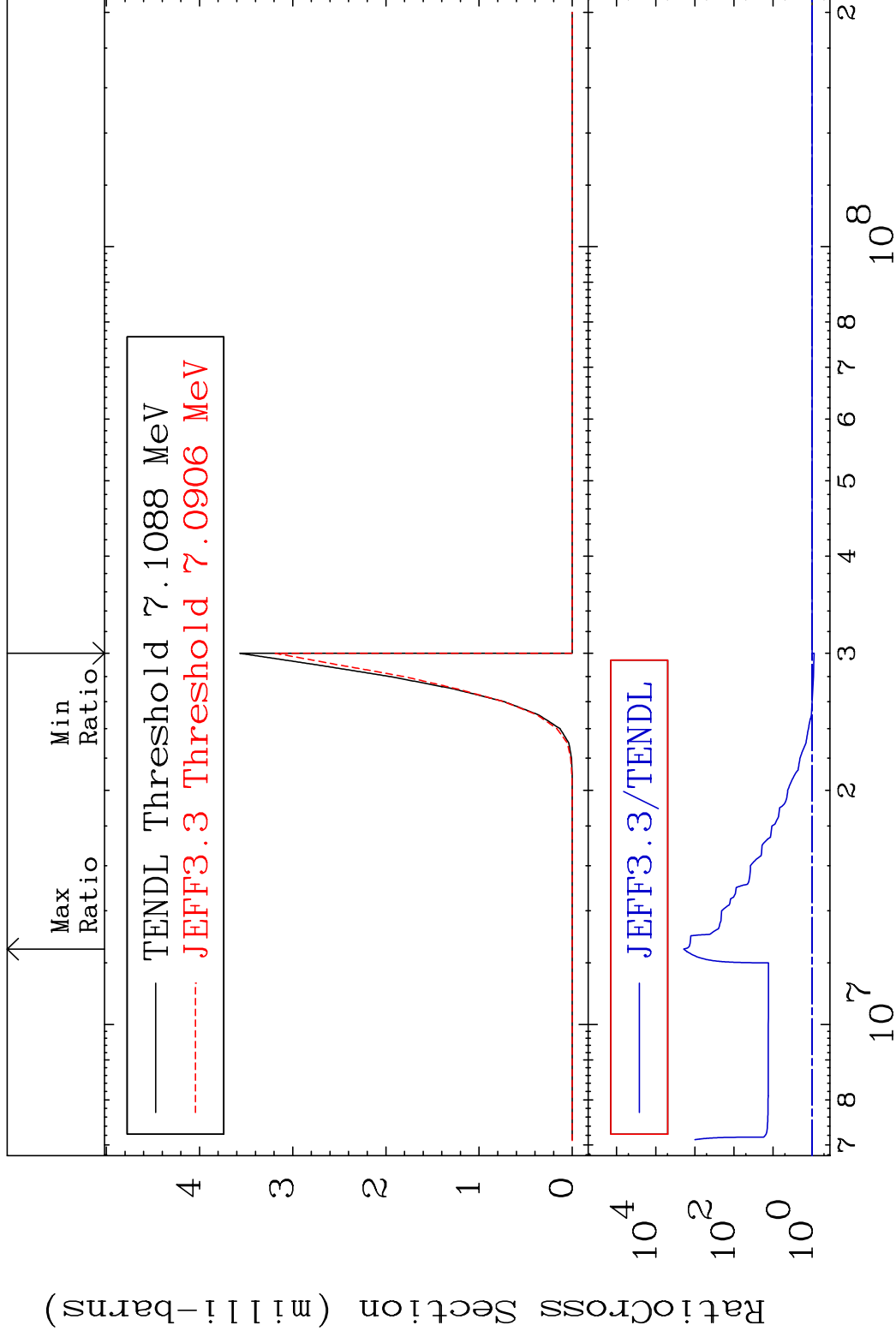
68-Er-172

MAT 6855

(n,2n) α

68-Er-172

Cross Section -10.65 To 9999. %



8

Incident Energy (eV)

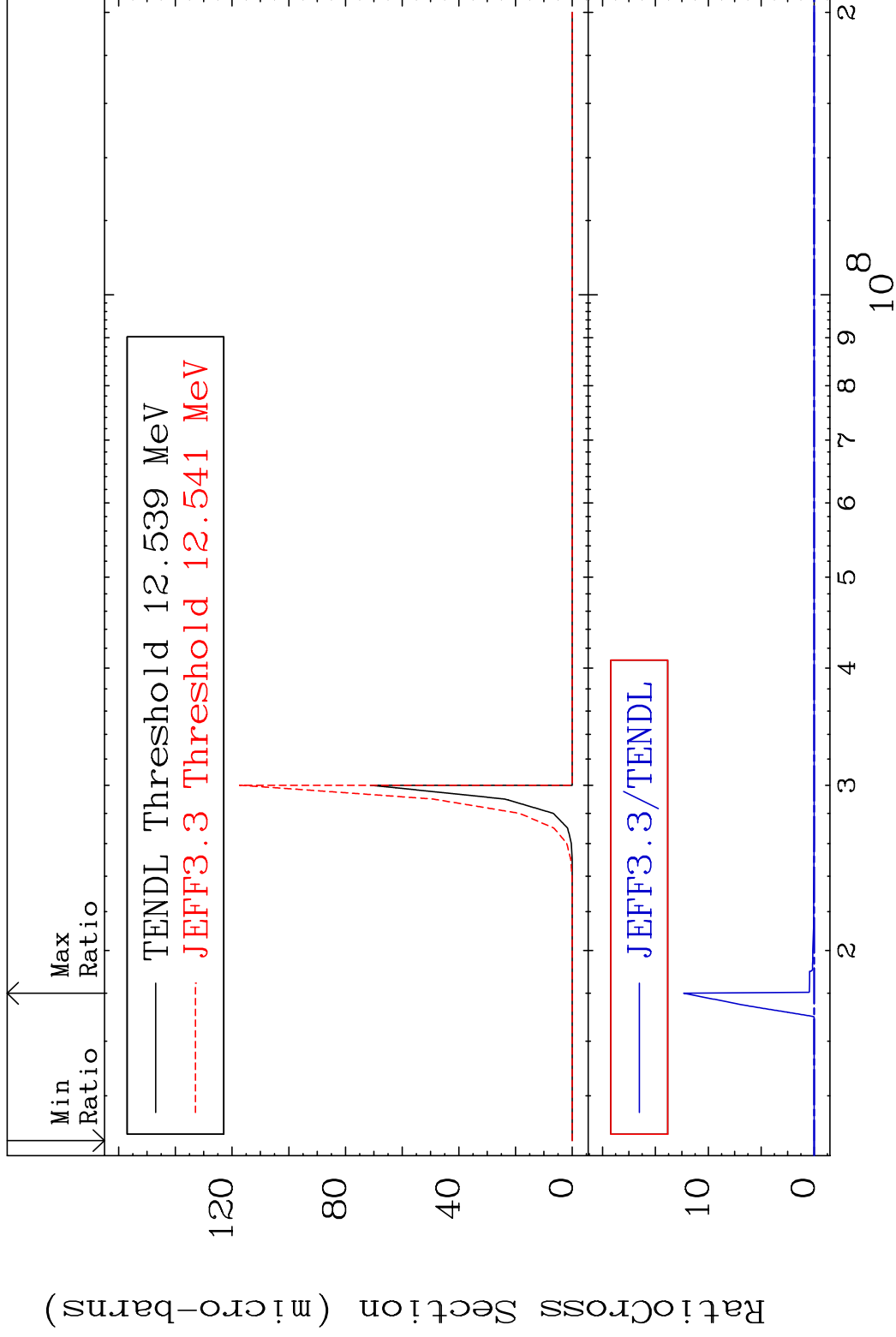
68-Er-172

MAT 6855

(n,3n) α

68-Er-172

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

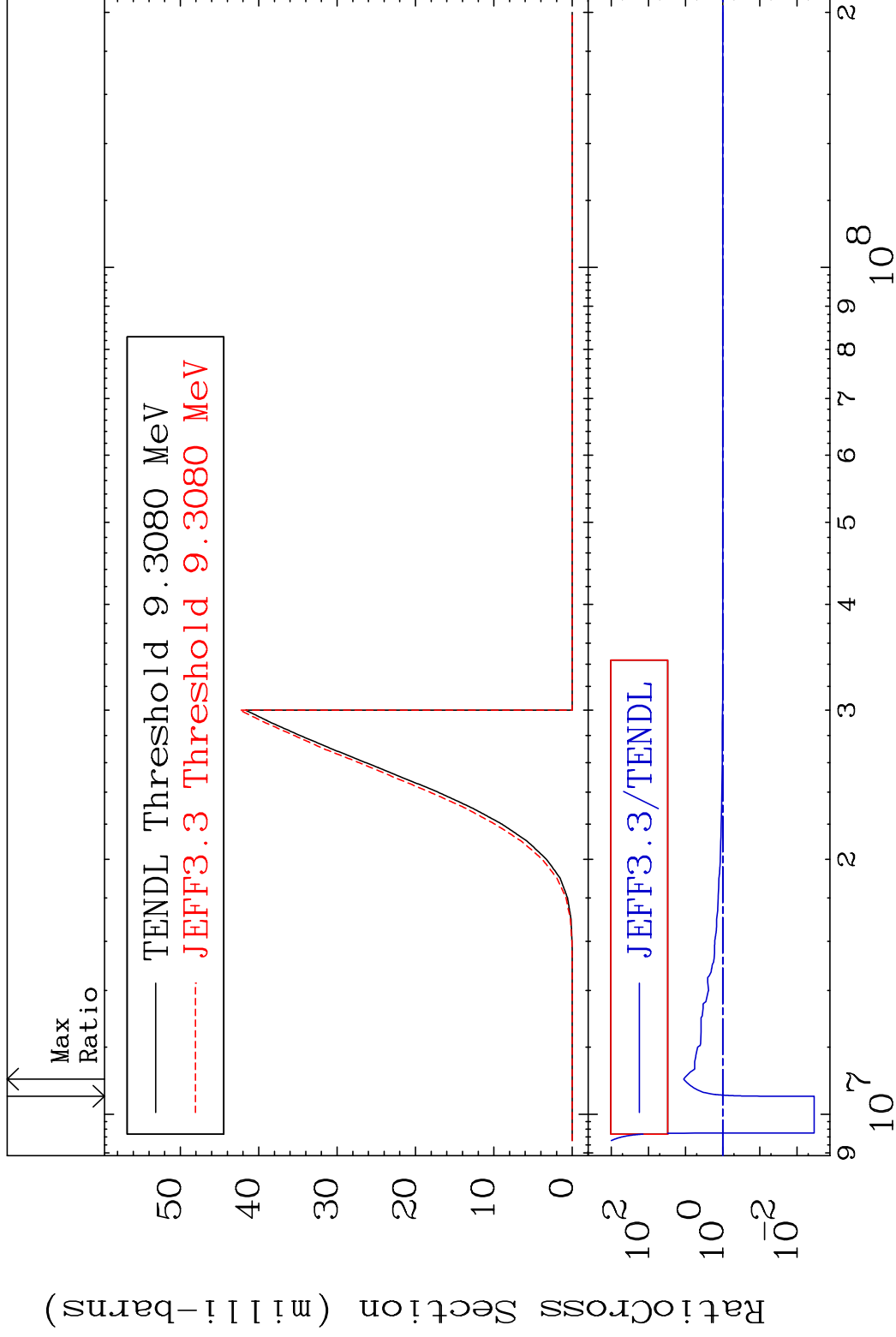
68-Er-172

MAT 6855

(n, n') p

68-Er-172

Cross Section -99.65 To 1027. %



10

Incident Energy (eV)

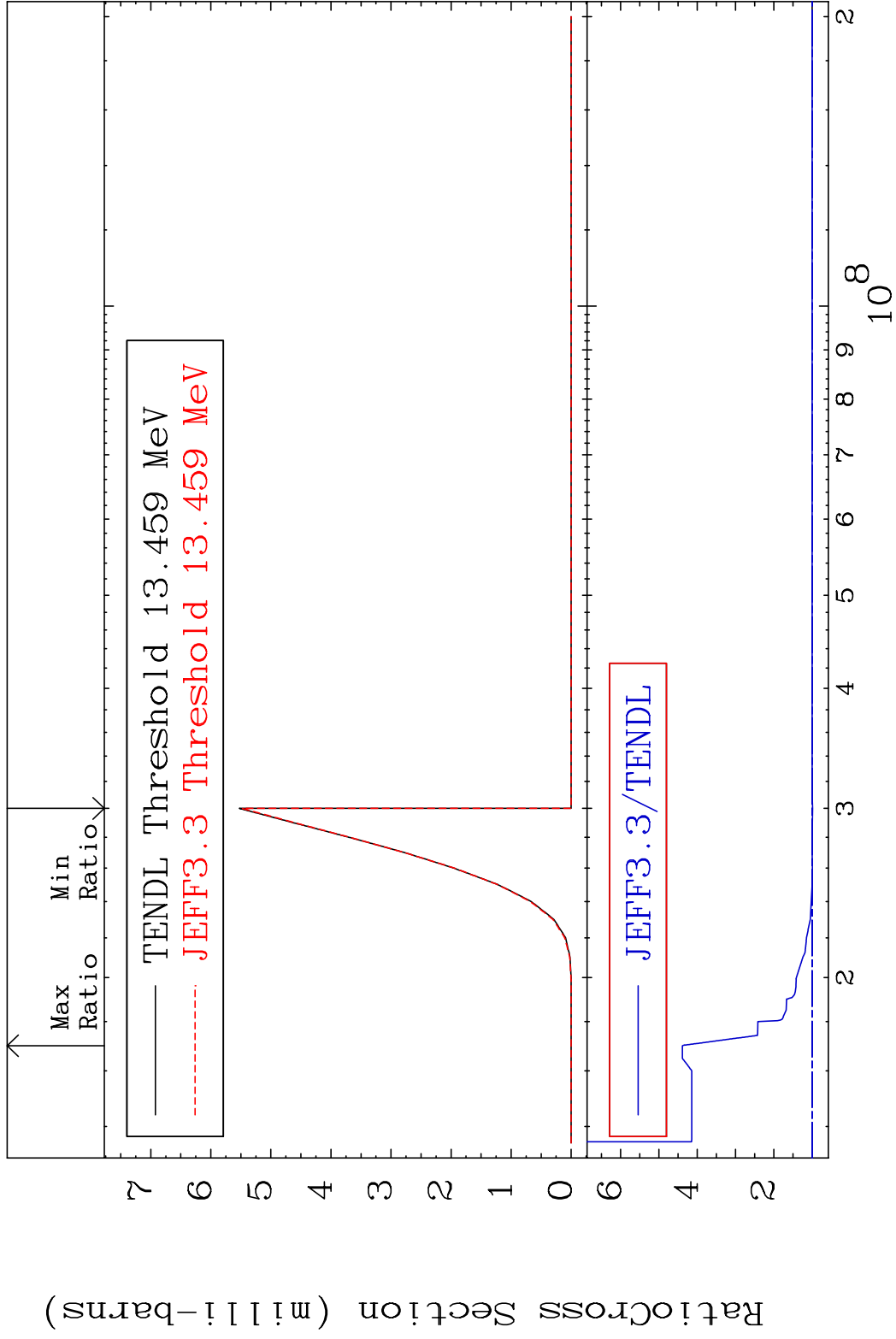
68-Er-172

MAT 6855

(n, n') d

68-Er-172

Cross Section -0.832 To 338.8 %

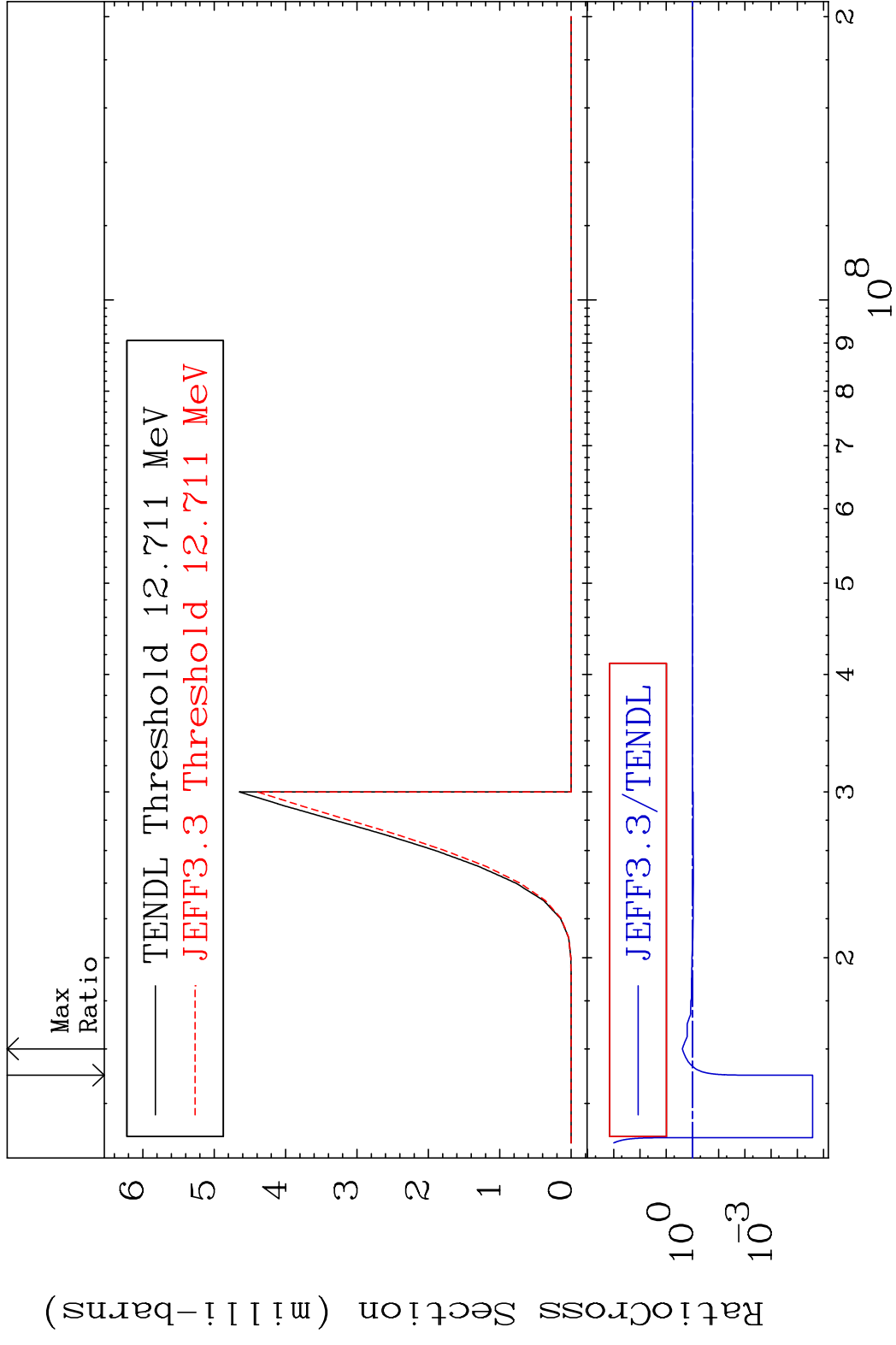


MAT 6855

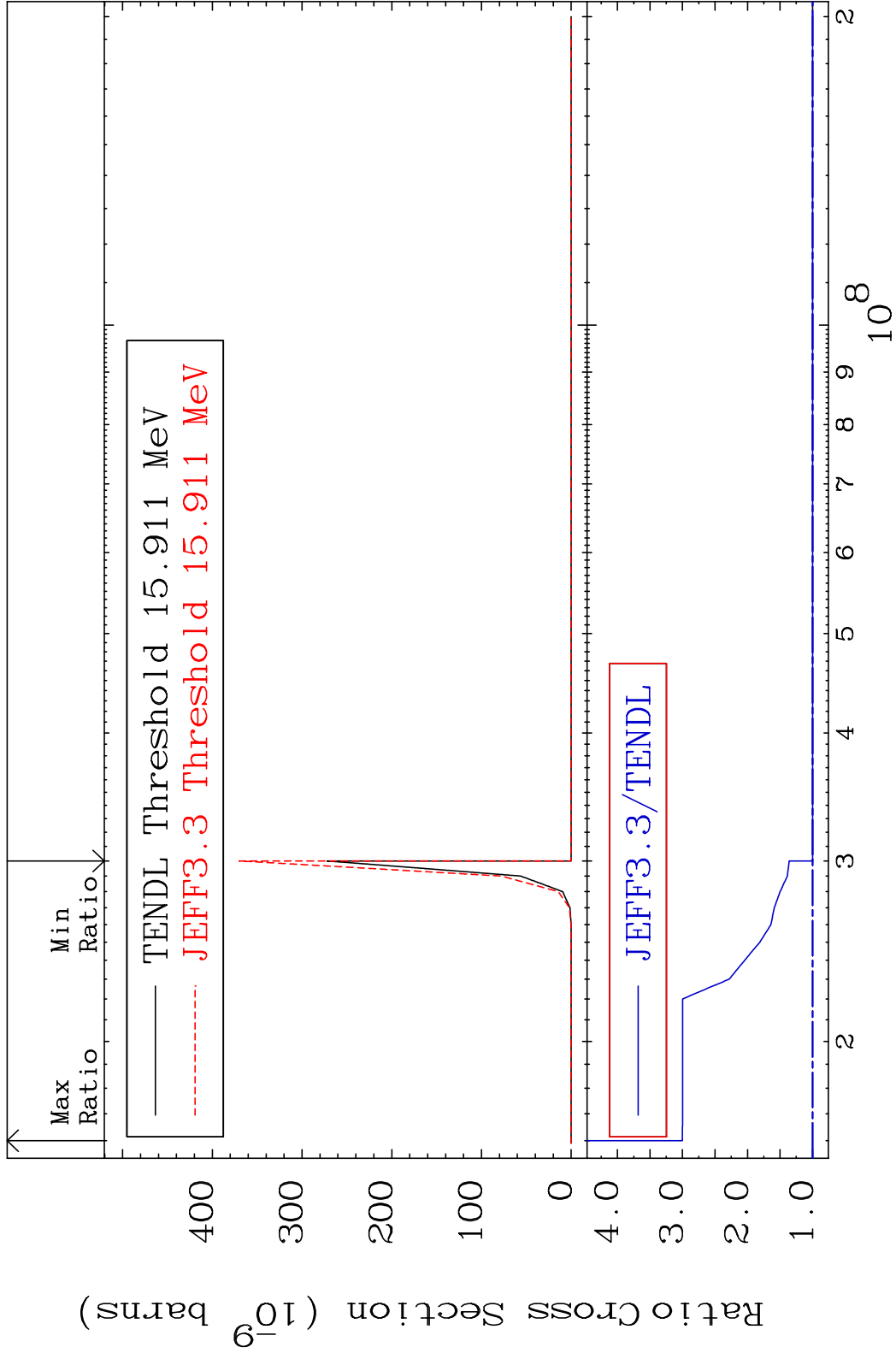
(n, n') t

68-Er-172

Cross Section -100.0 To 141.8 %



MAT 6855 (n,n') He-3 68-Er-172
 Cross Section 0.000 To 200.2 %

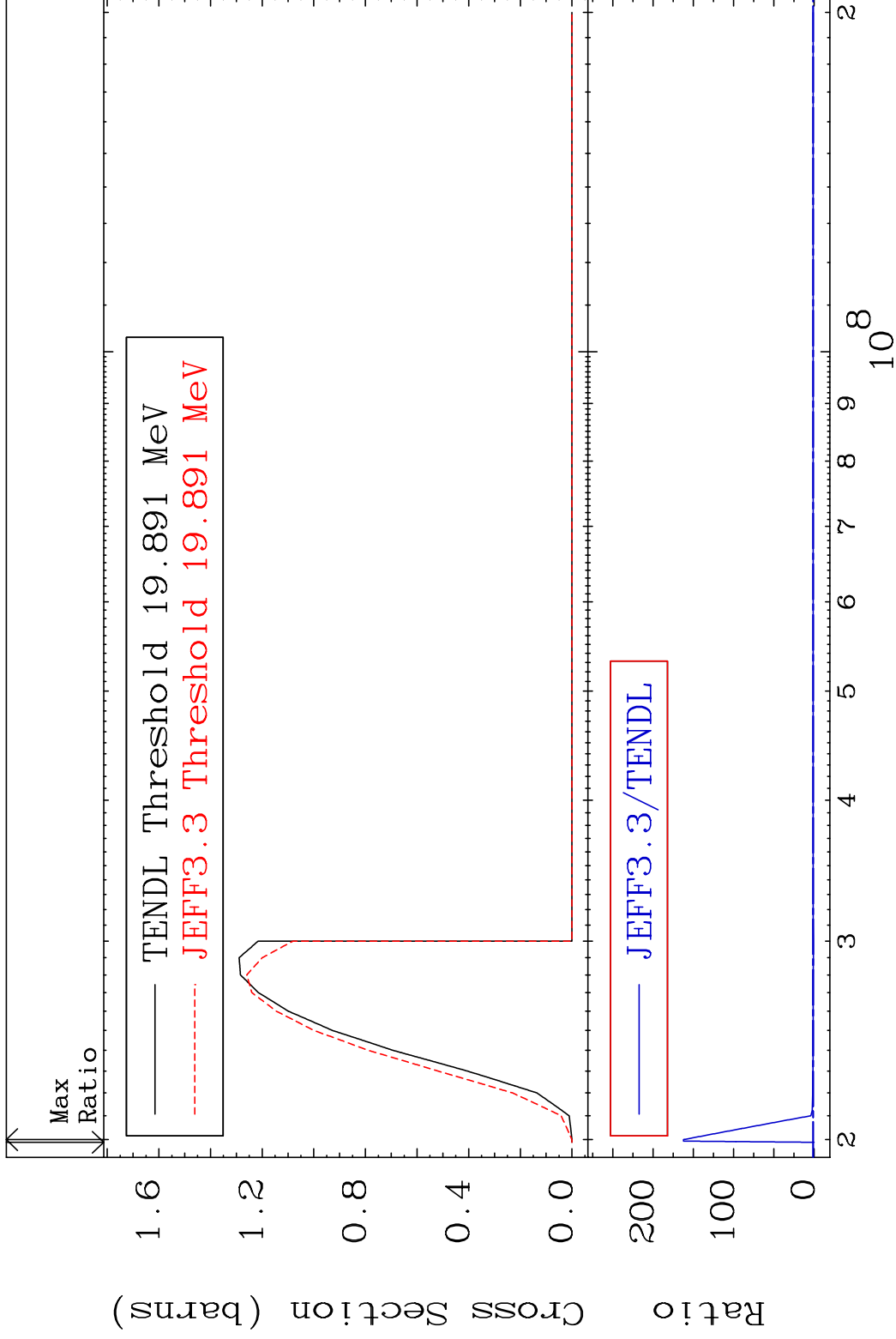


MAT 6855

(n,4n)

68-Er-172

Cross Section -100.0 To 9999. %

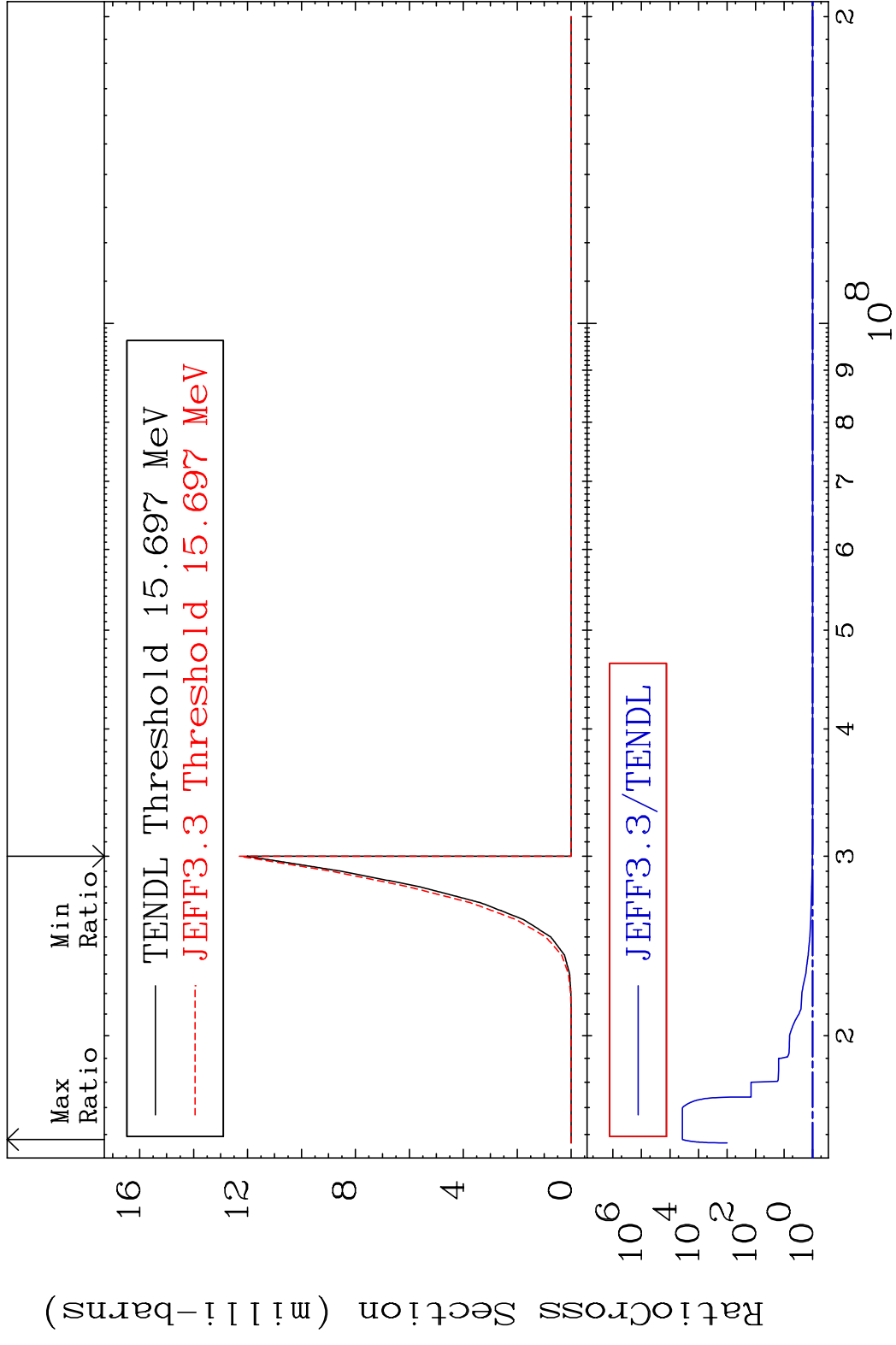


14

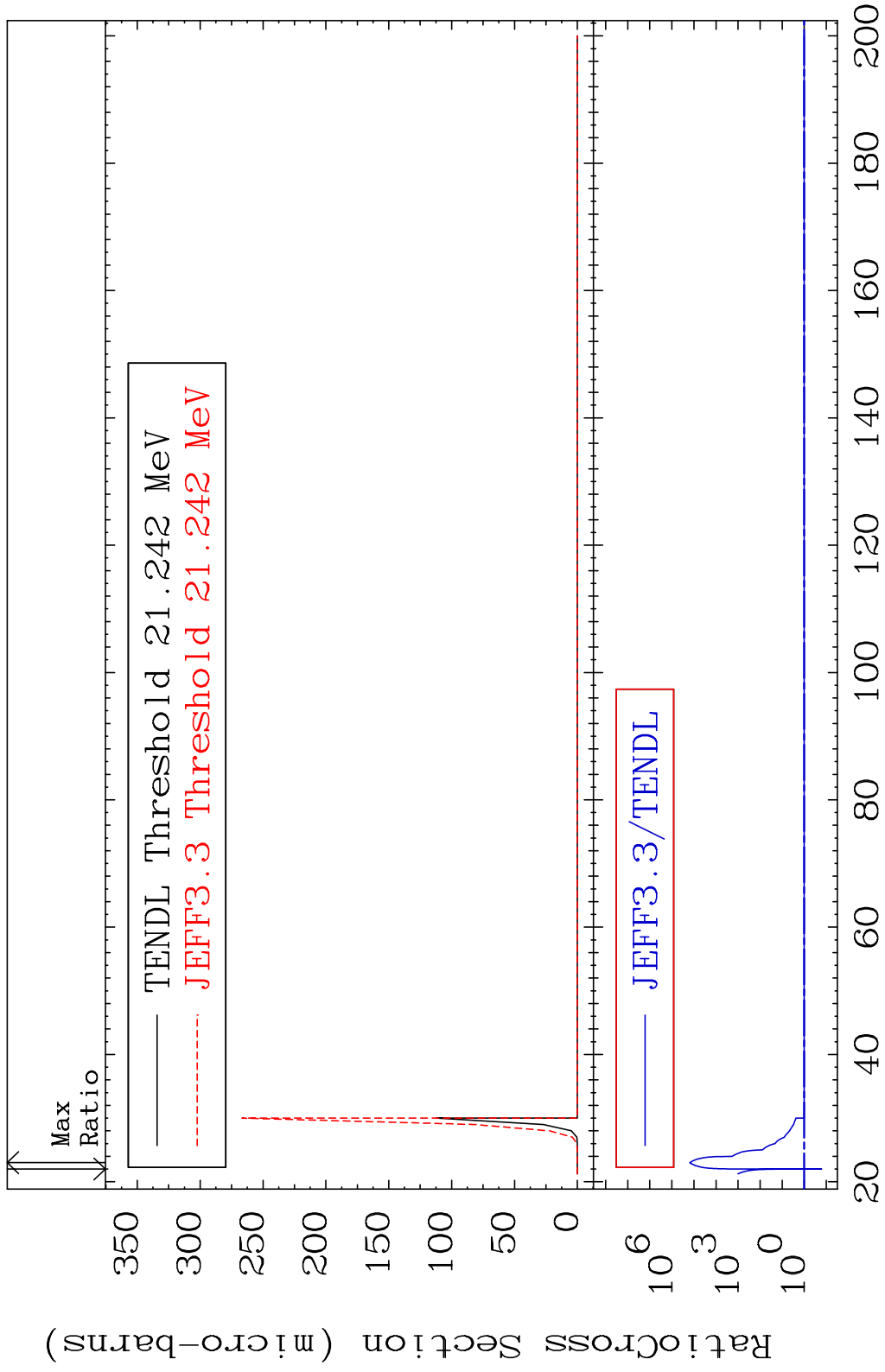
Incident Energy (eV)

68-Er-172

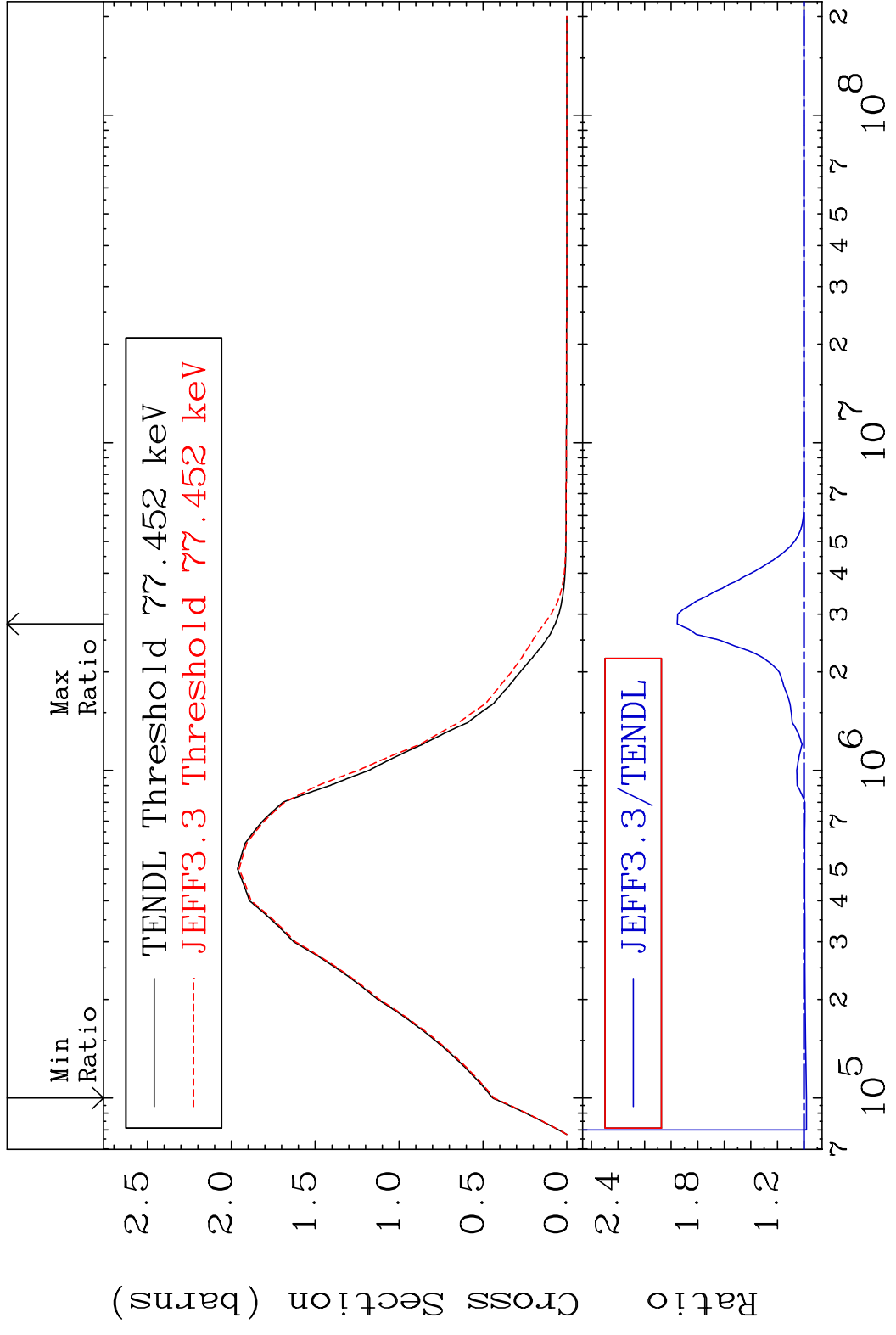
MAT 6855 (n,2n) p 68-Er-172
 Cross Section 0.000 To 9999. %



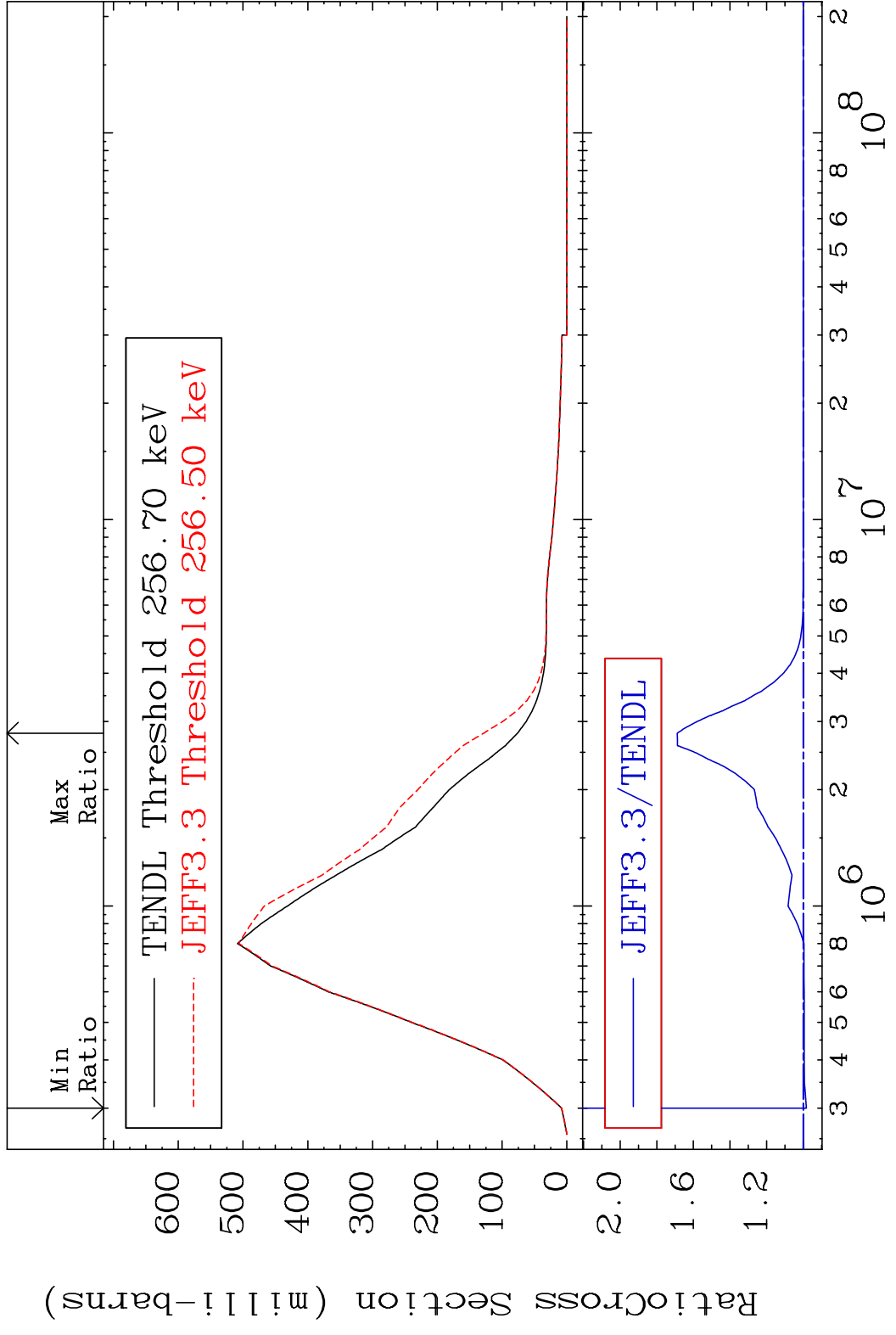
MAT 6855 (n,3n) p 68-Er-172
 Cross Section -83.27 To 9999. %



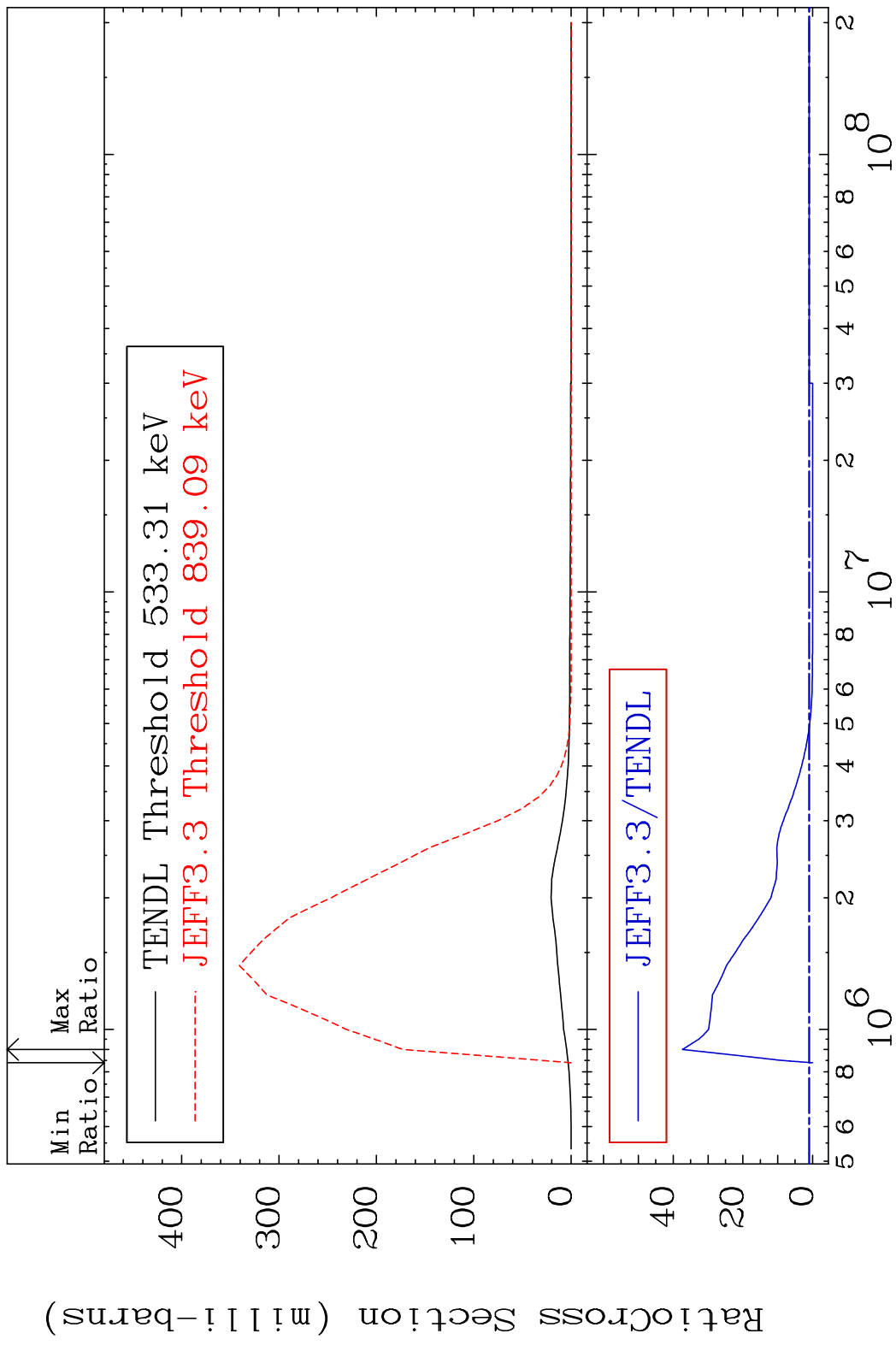
MAT 6855 MT= 51 (n, n') Level 68-Er-172
 Cross Section -1.779 To 95.46 %



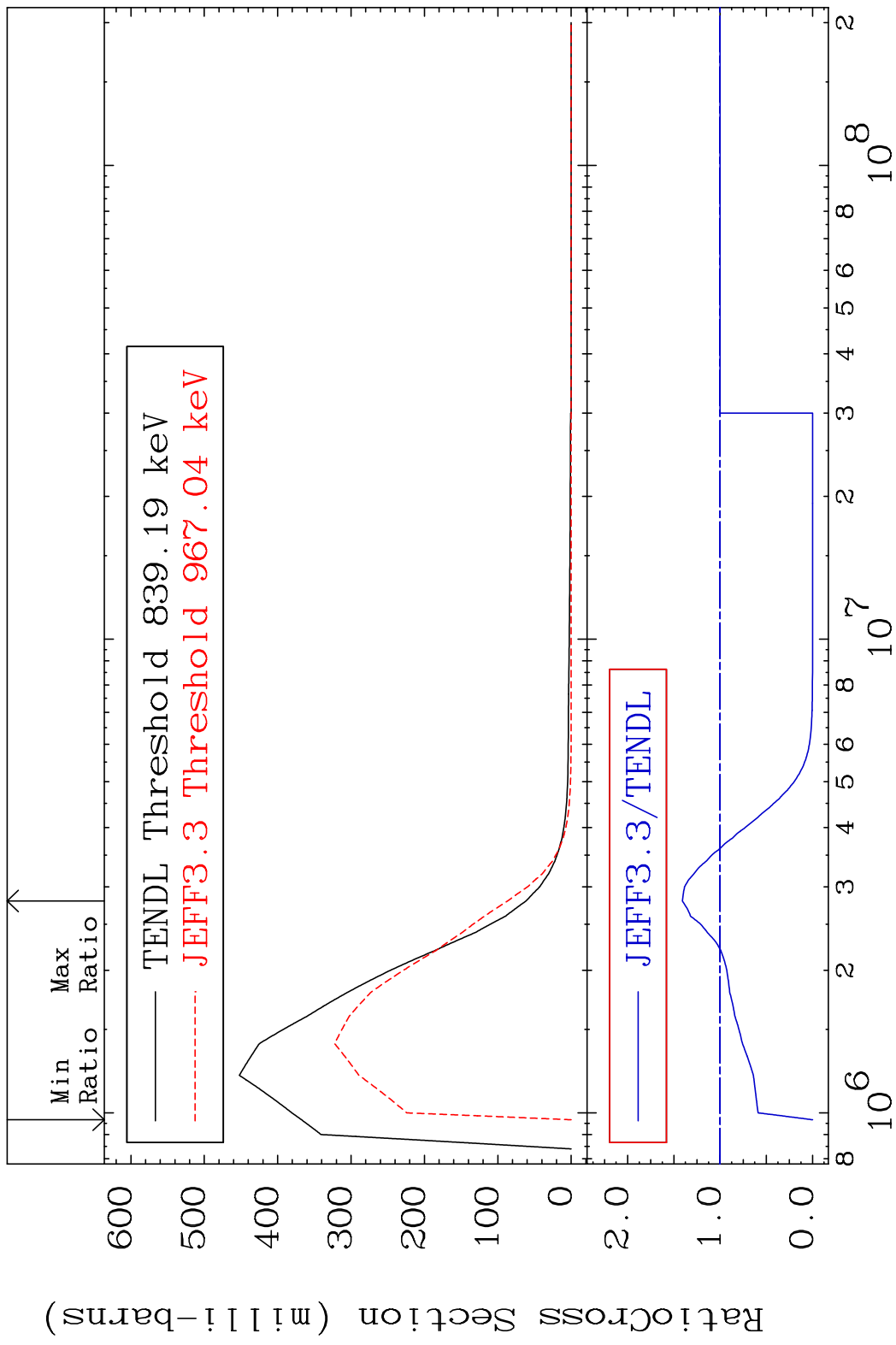
MAT 6855 MT= 52 (n,n') Level 68-Er-172
 Cross Section -1.744 To 68.85 %



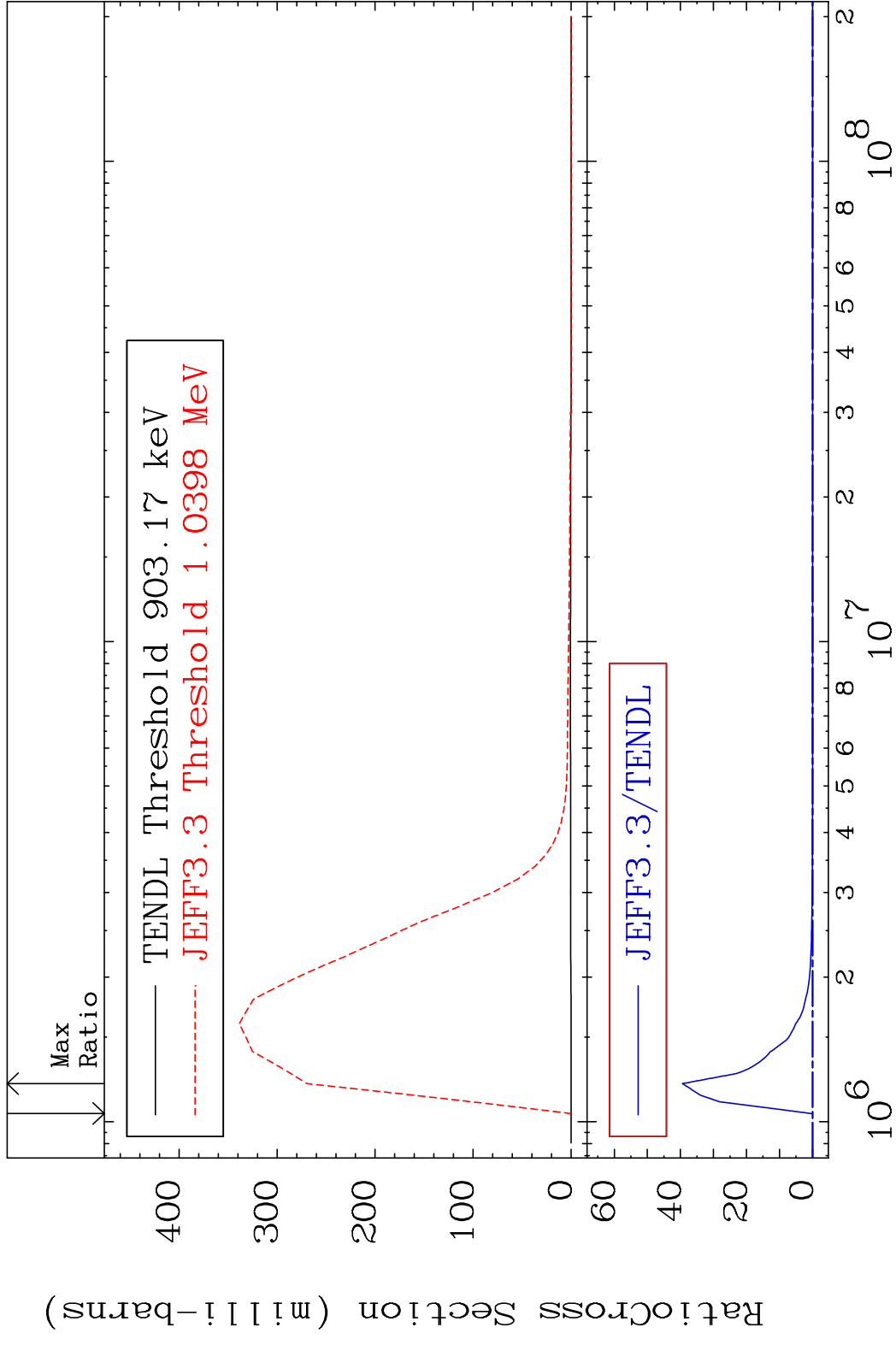
MAT 6855 MT= 53 (n, n') Level 68-Er-172
 Cross Section -100.0 To 3638. %



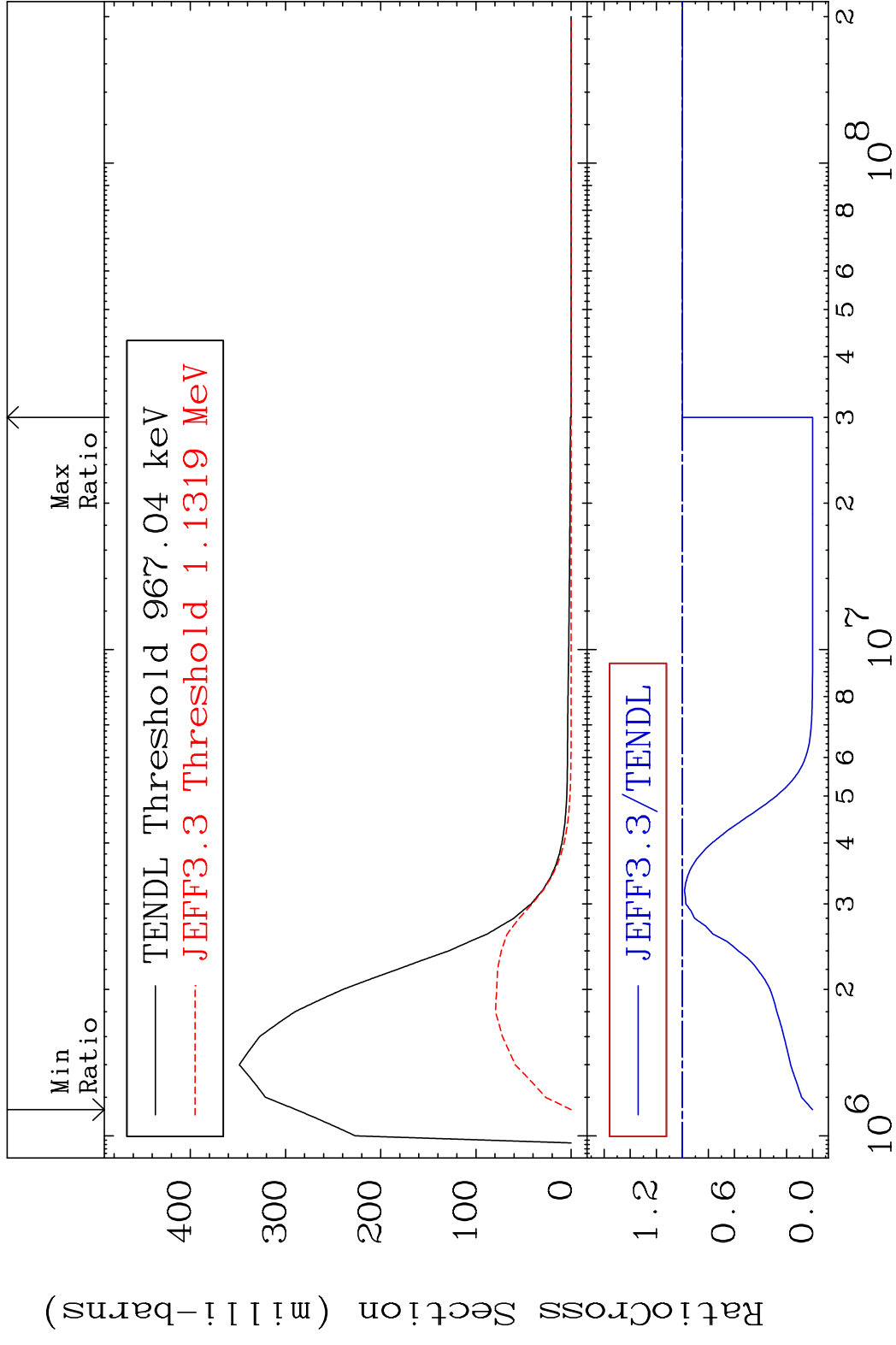
MAT 6855 MT= 54 (n, n') Level 68-Er-172
 Cross Section -100.0 To 40.85 %



MAT 6855 MT= 55 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %

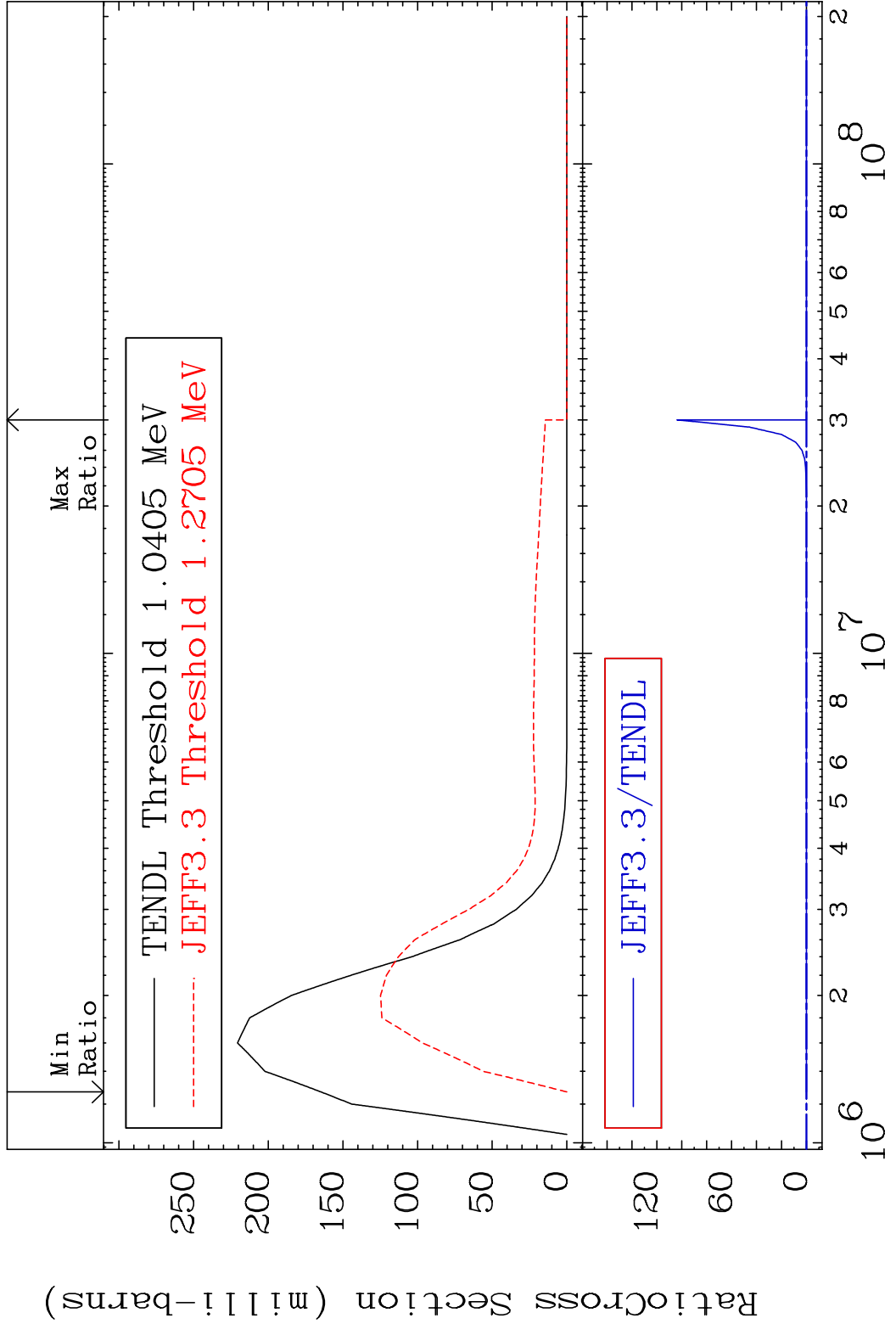


MAT 6855 MT= 56 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %

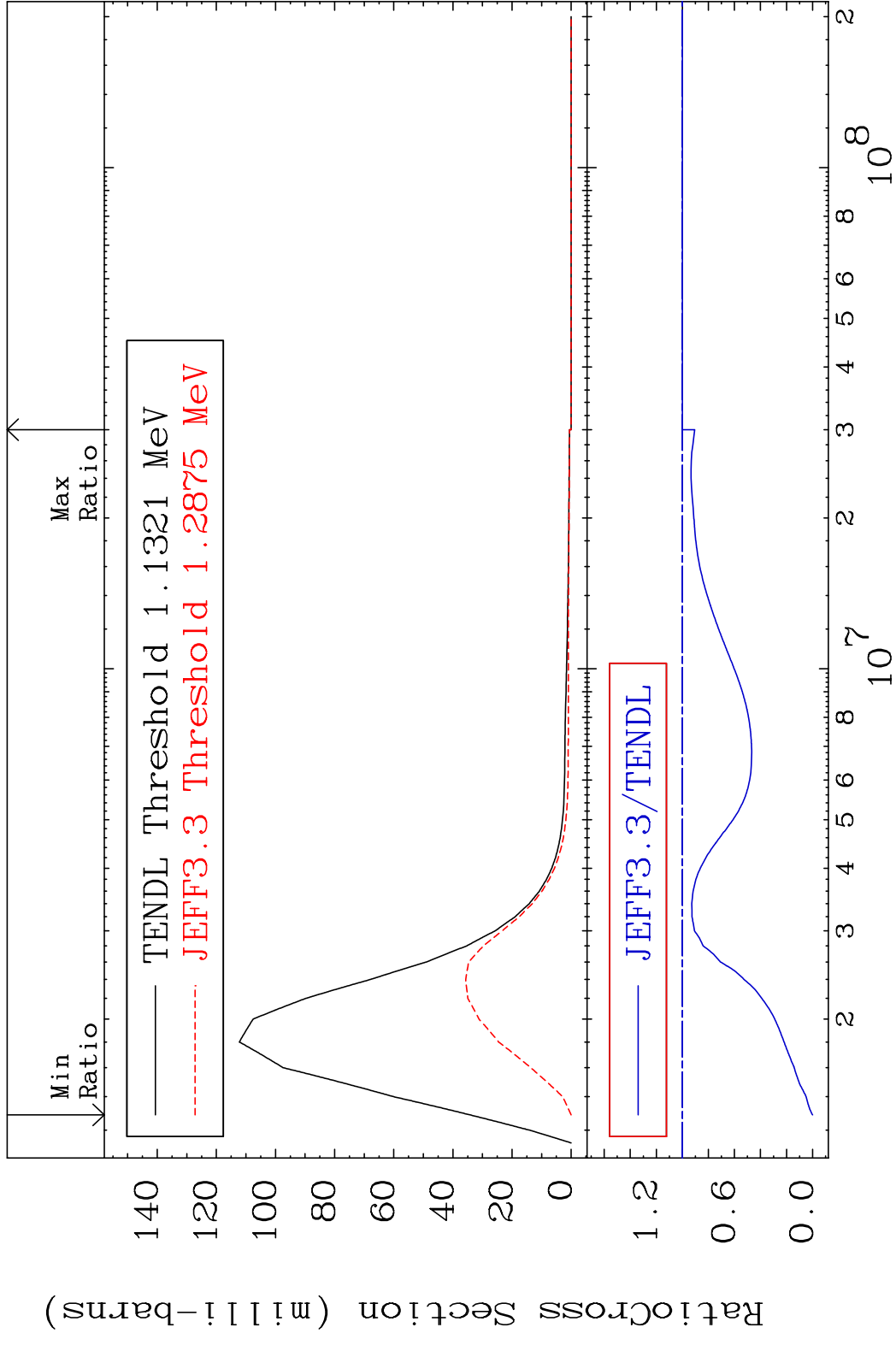


22 Incident Energy (eV) 68-Er-172

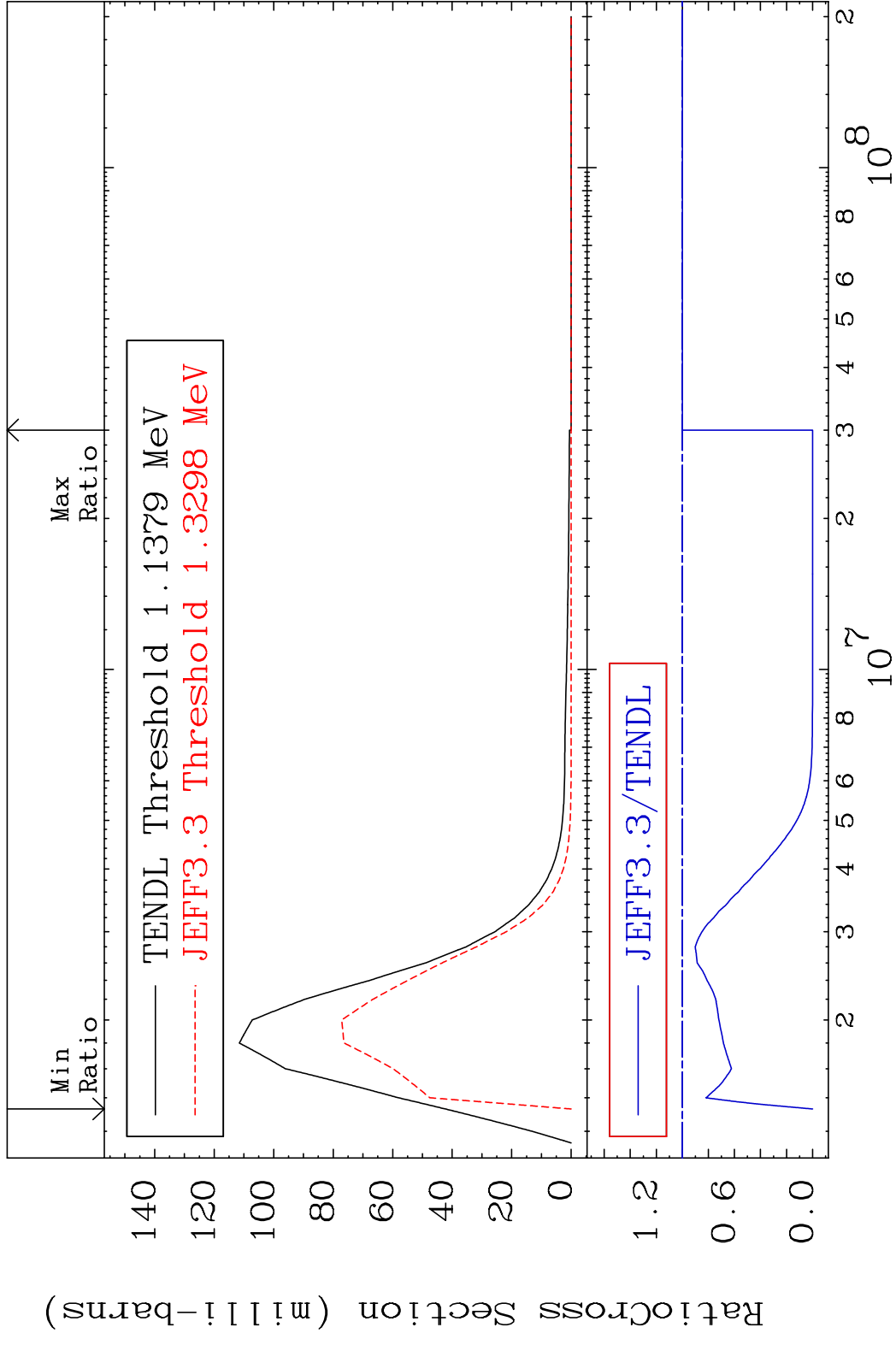
MAT 6855 MT= 57 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



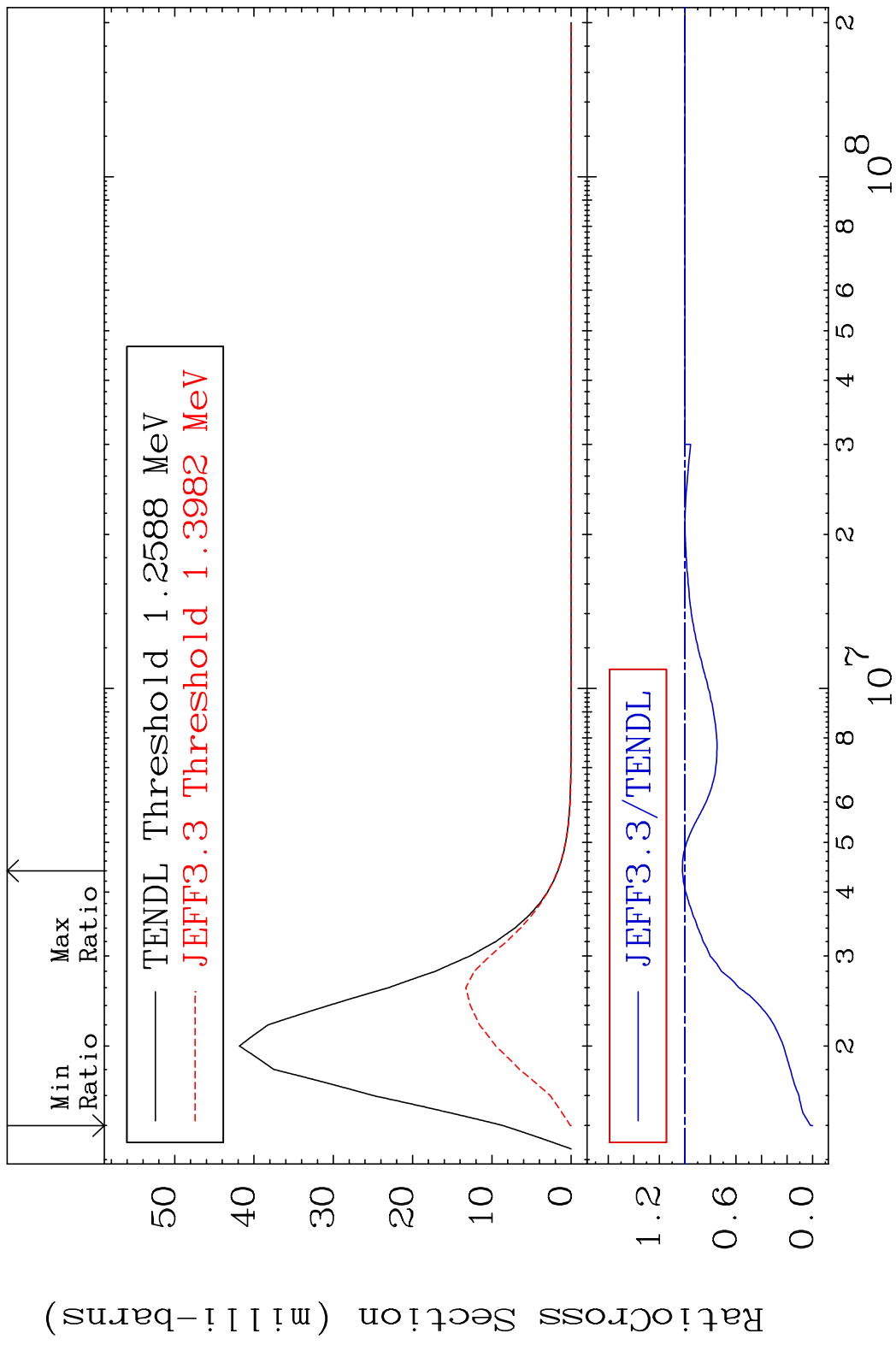
MAT 6855 MT= 58 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %



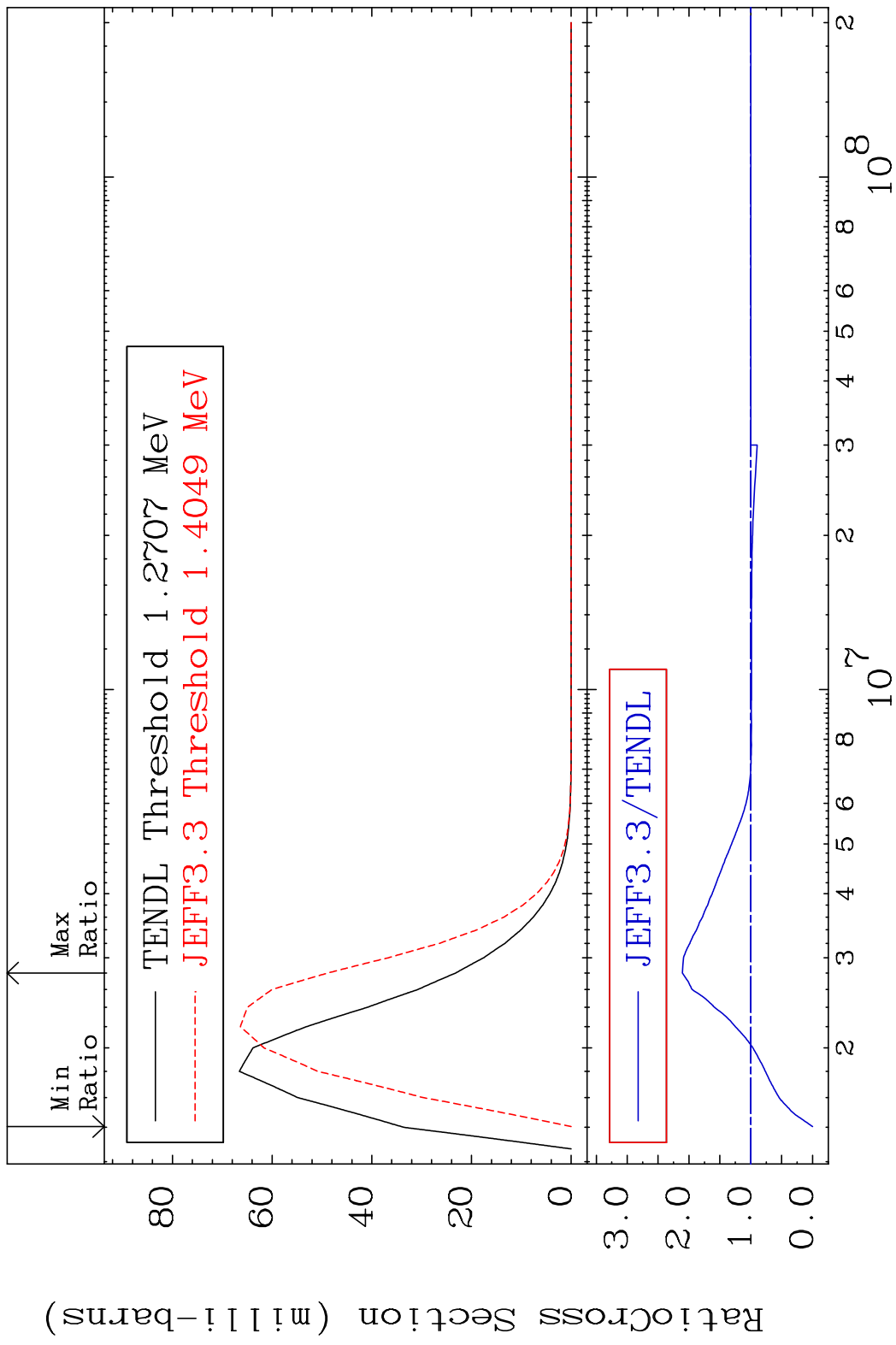
MAT 6855 MT= 59 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %



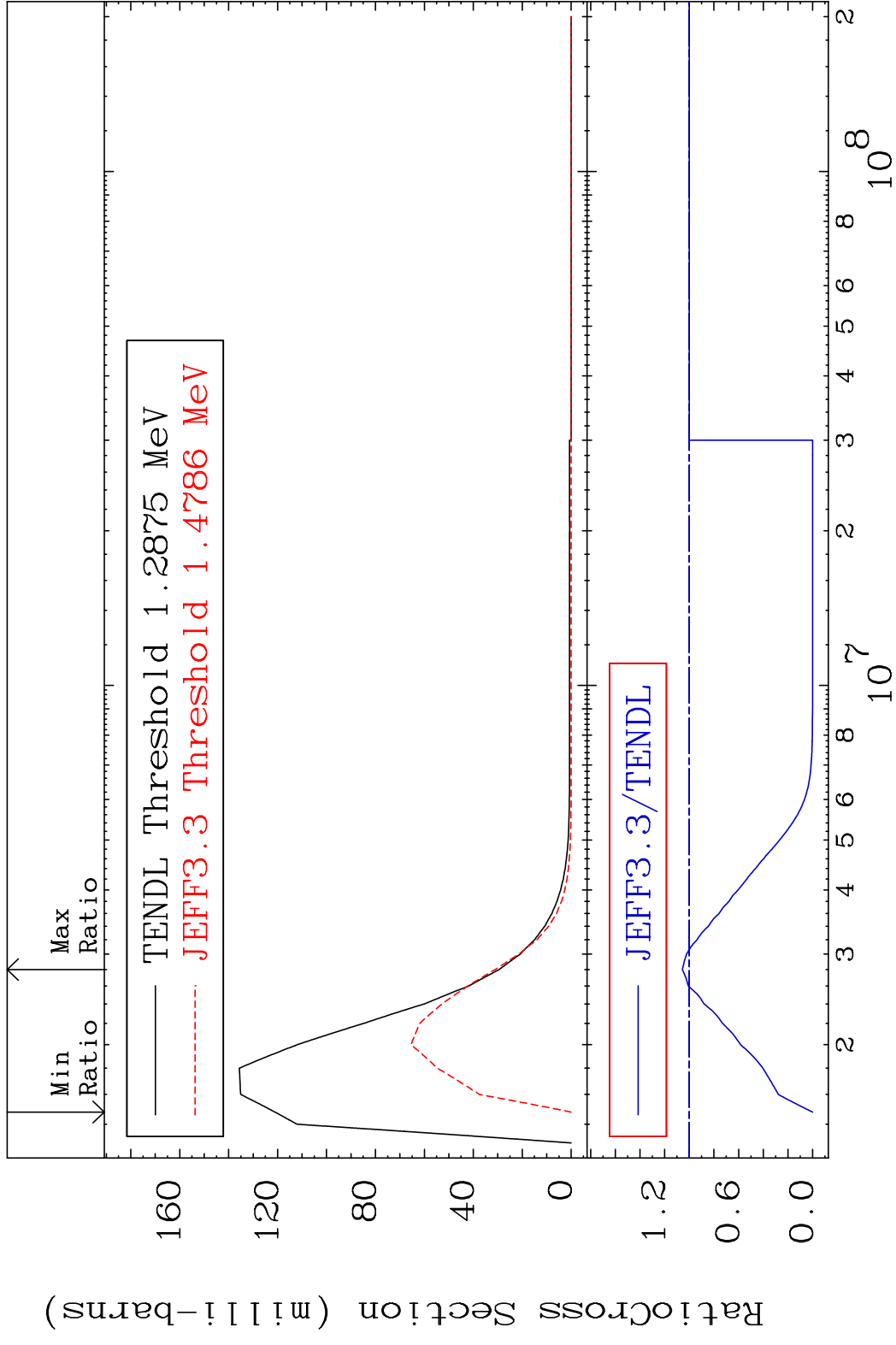
MAT 6855 MT= 60 (n, n') Level 68-Er-172
 Cross Section -100.0 To 1.968 %



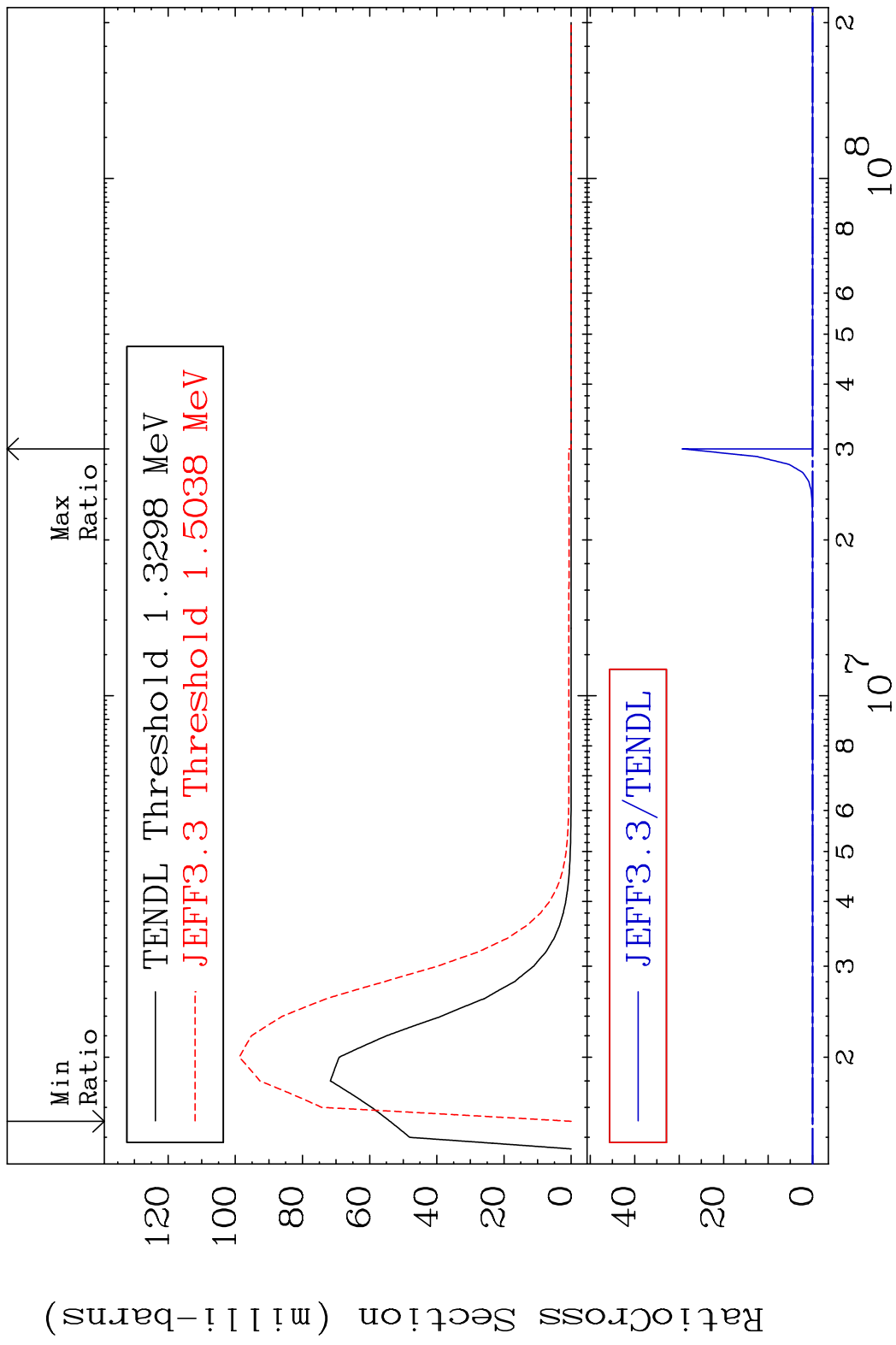
MAT 6855 MT= 61 (n, n') Level 68-Er-172
 Cross Section -100.0 To 110.7 %



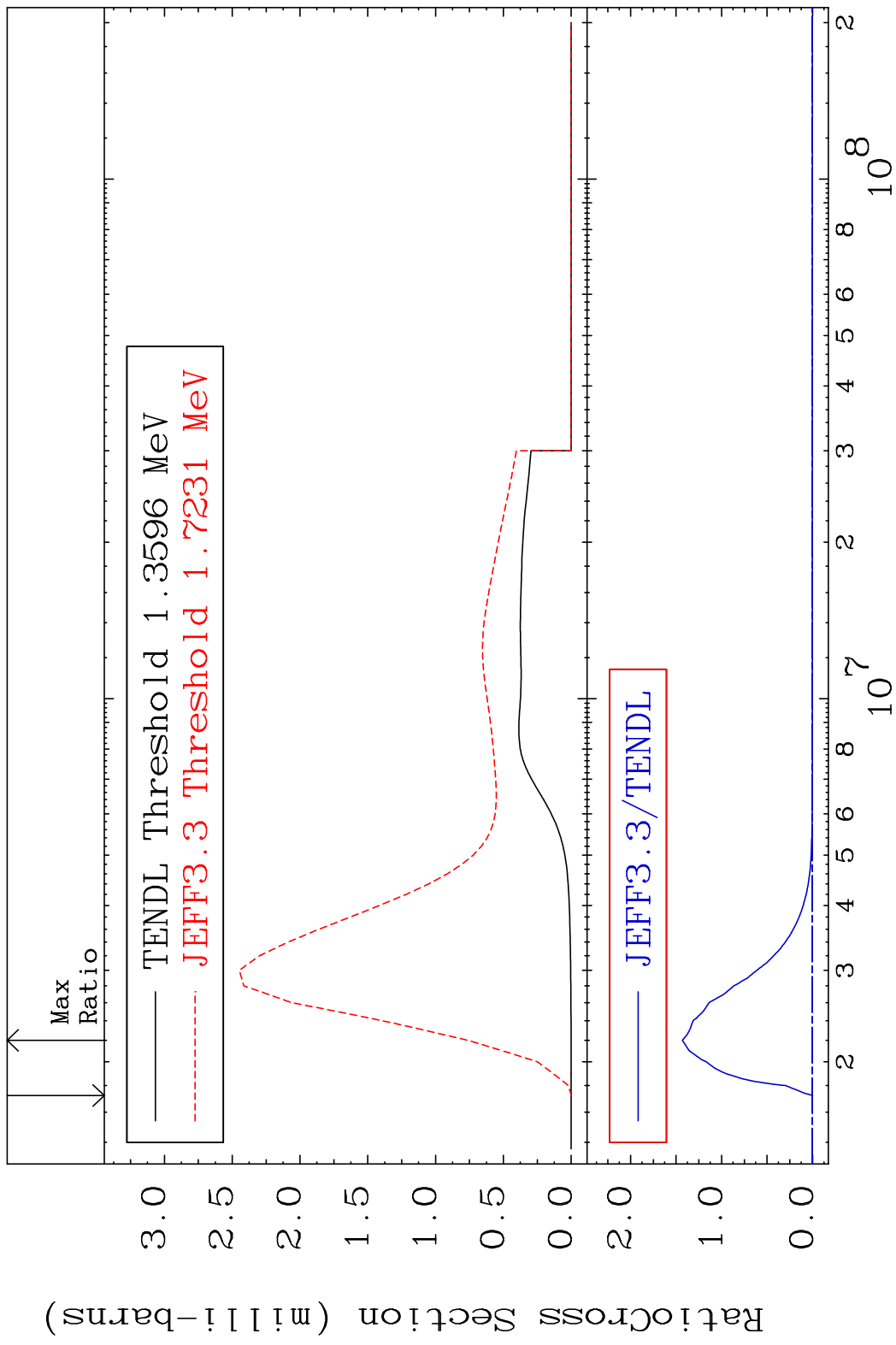
MAT 6855 MT= 62 (n, n') Level 68-Er-172
 Cross Section -100.0 To 5.645 %



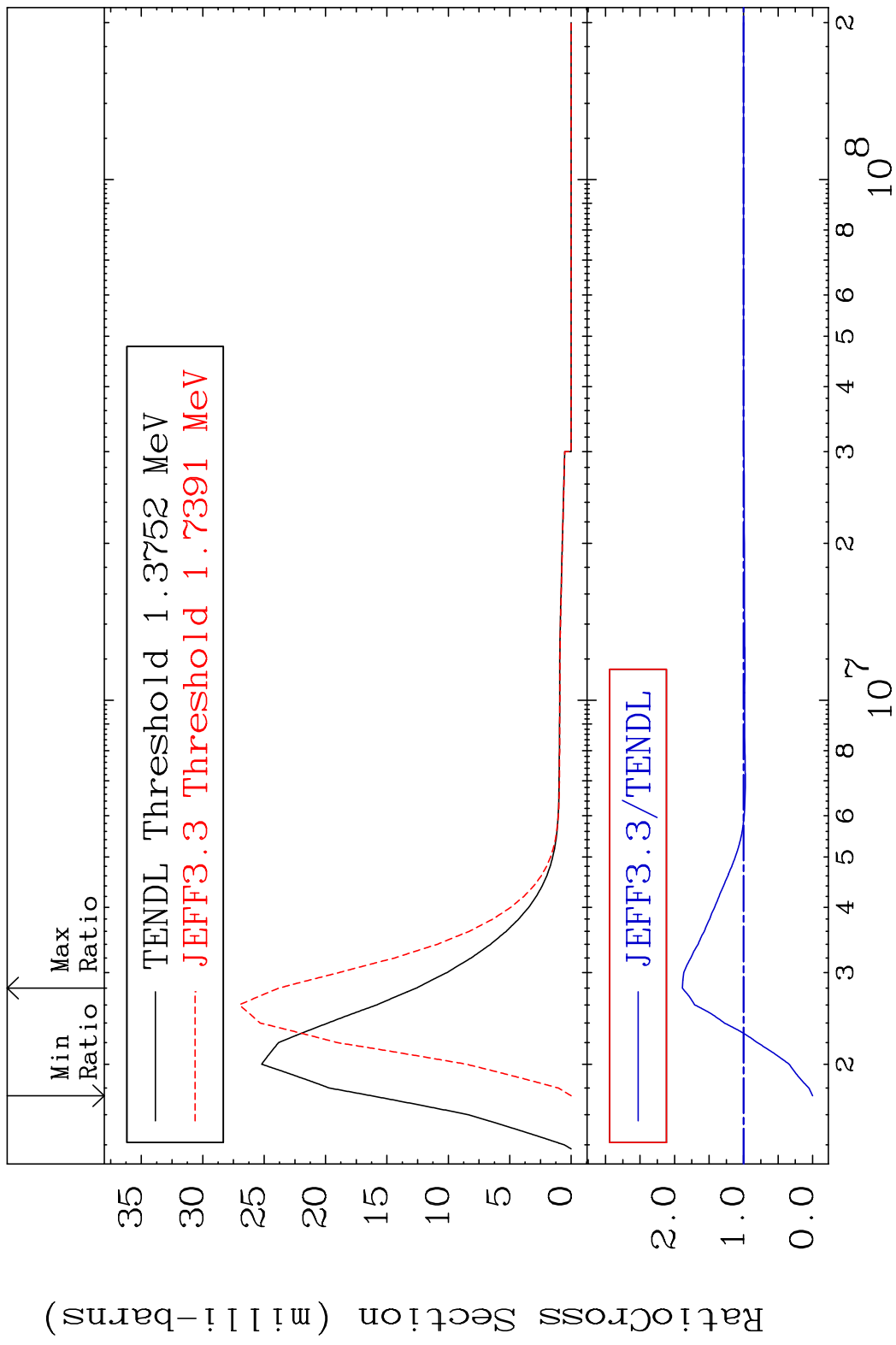
MAT 6855 MT= 63 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



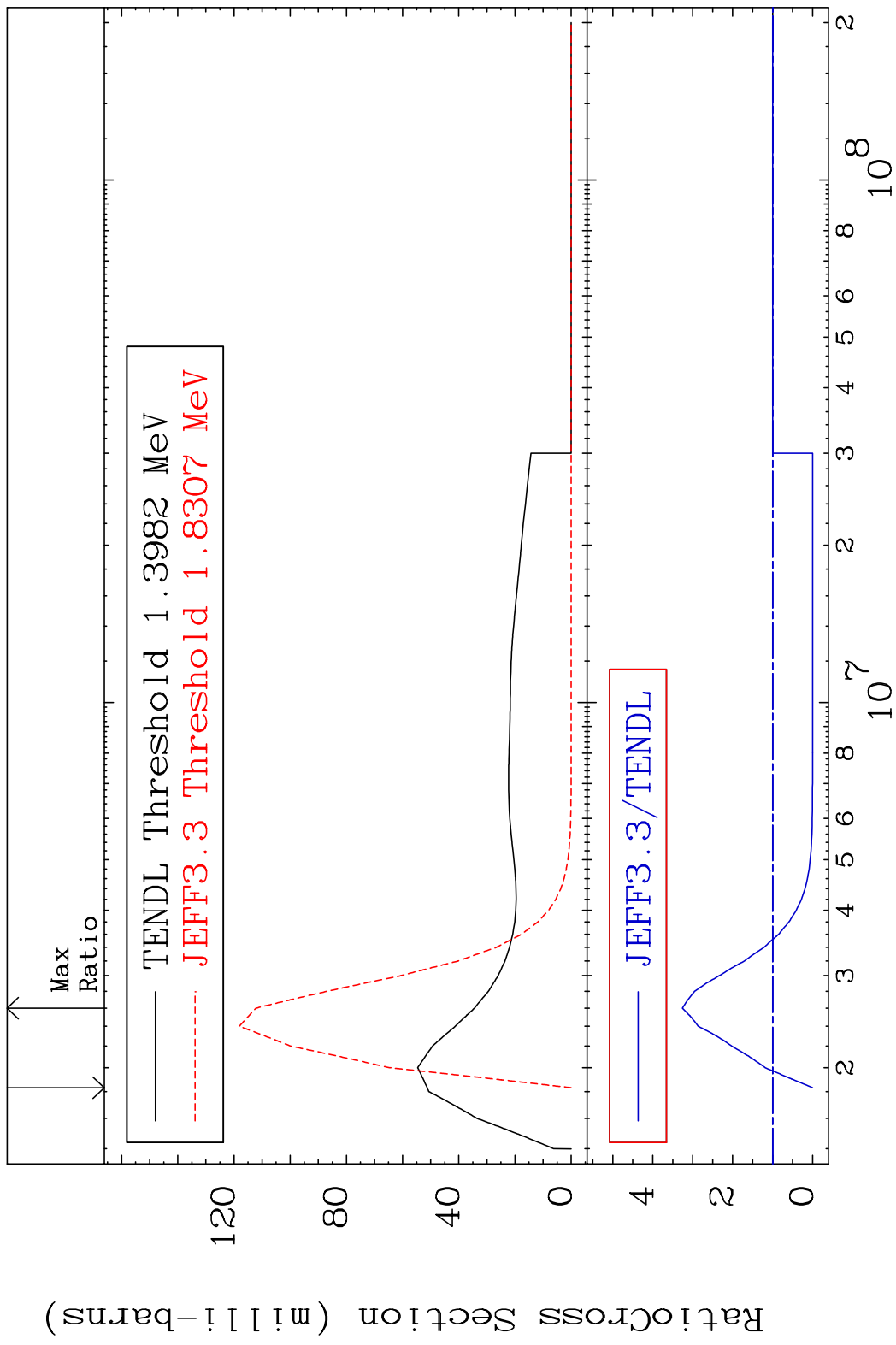
MAT 6855 MT= 64 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



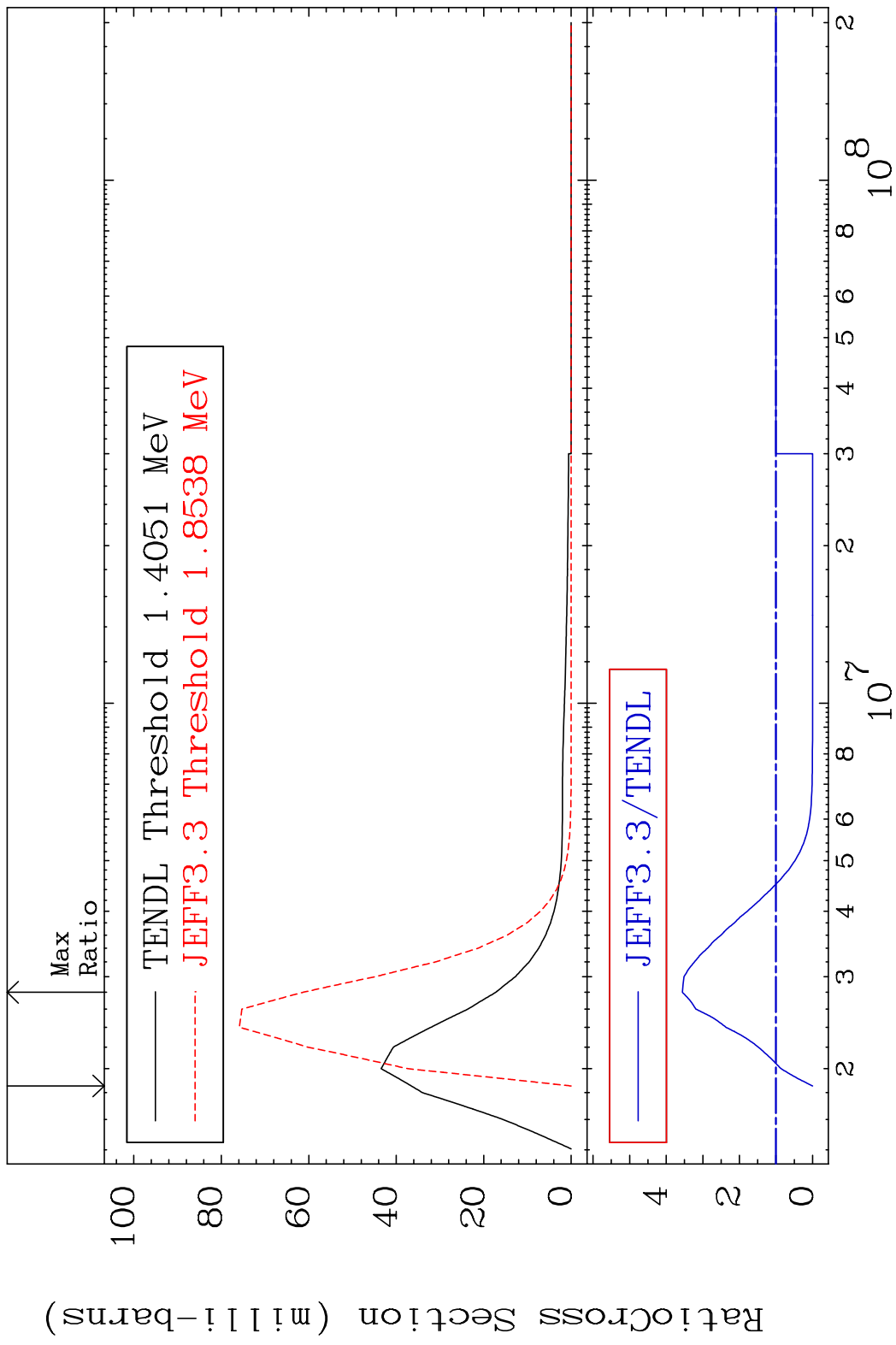
MAT 6855 MT= 65 (n,n') Level 68-Er-172
 Cross Section -100.0 To 88.71 %



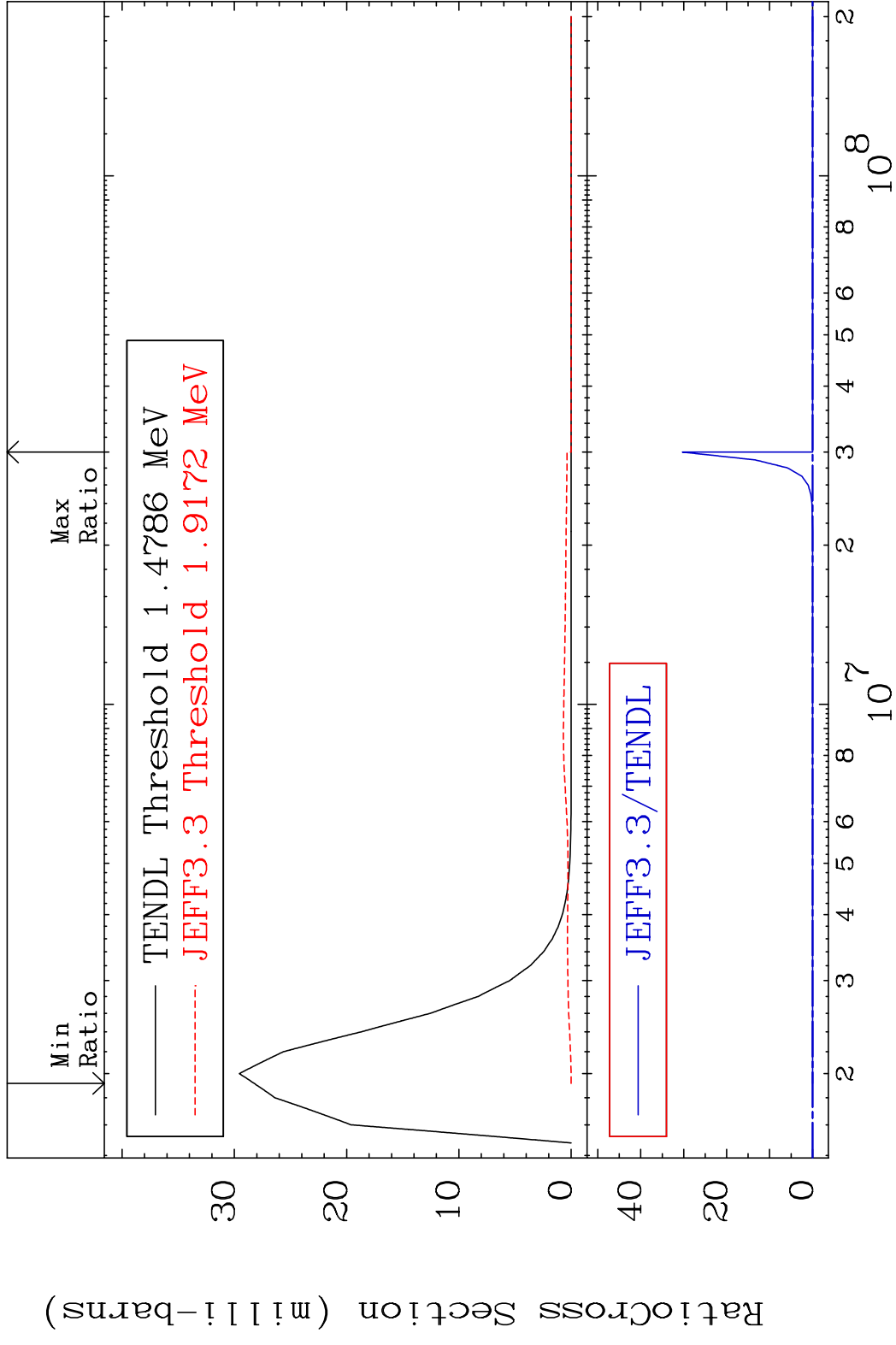
MAT 6855 MT= 66 (n,n') Level 68-Er-172
 Cross Section -100.0 To 225.9 %



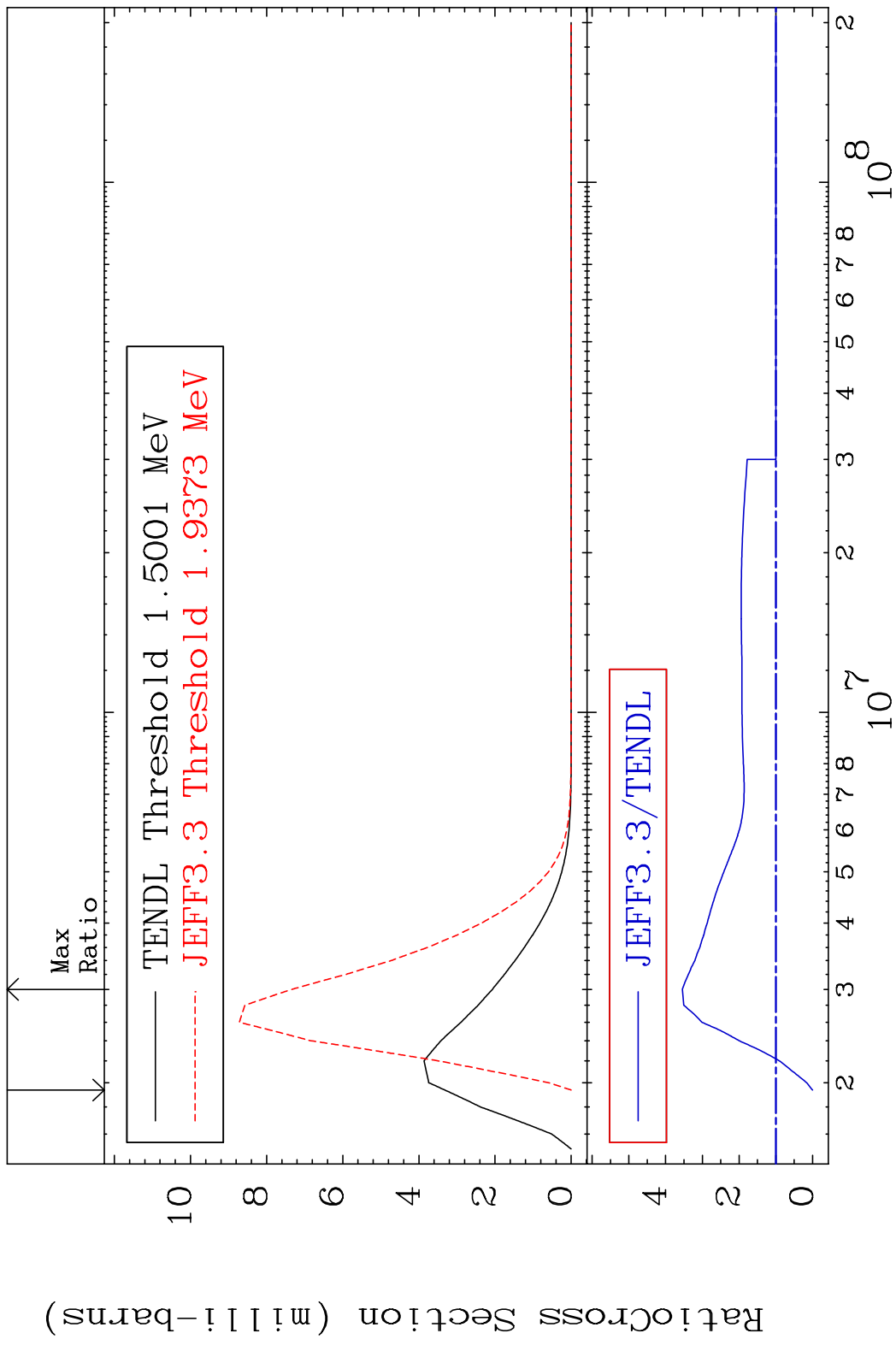
MAT 6855 MT= 67 (n, n') Level 68-Er-172
 Cross Section -100.0 To 255.9 %



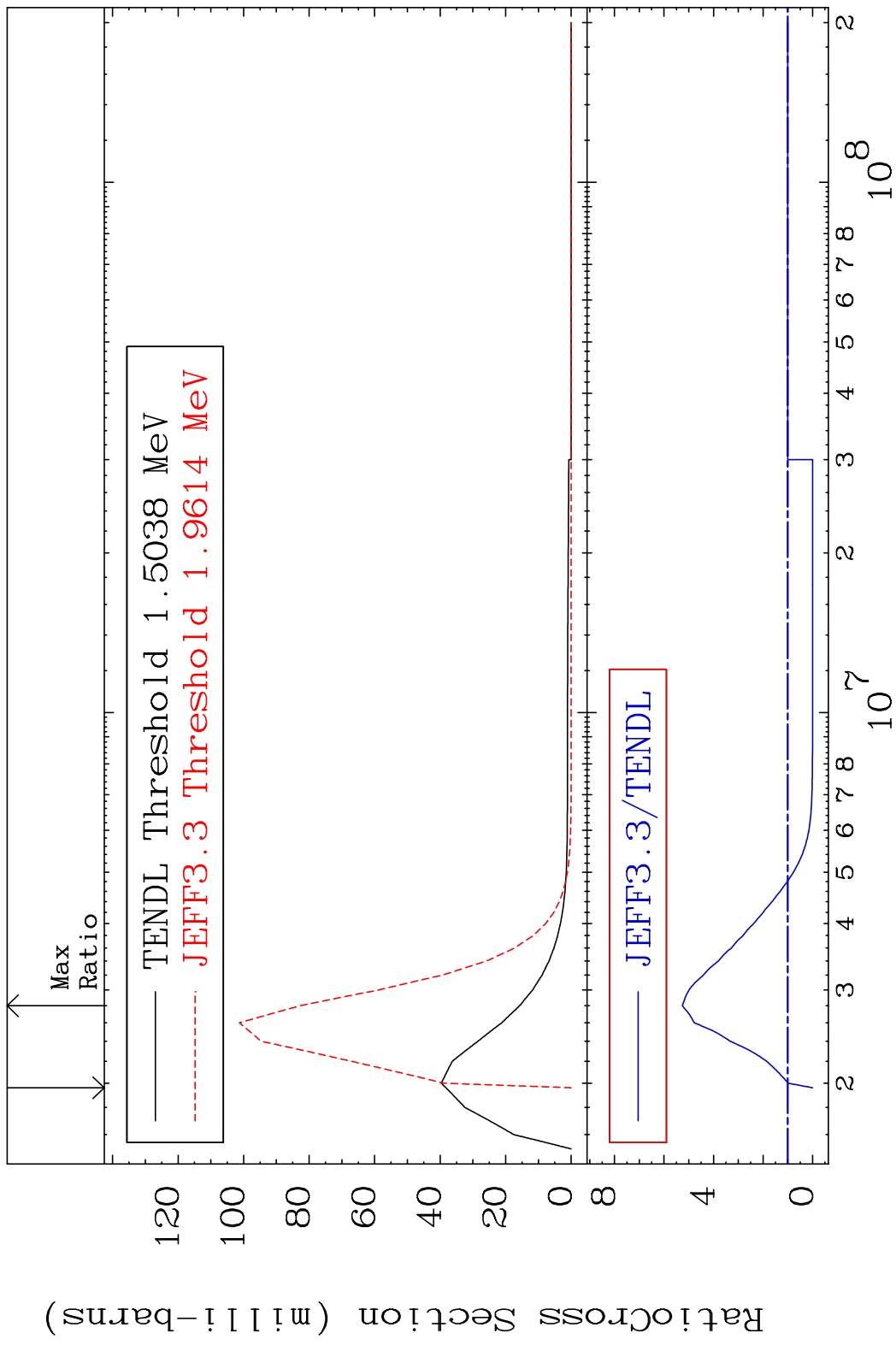
MAT 6855 MT= 68 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



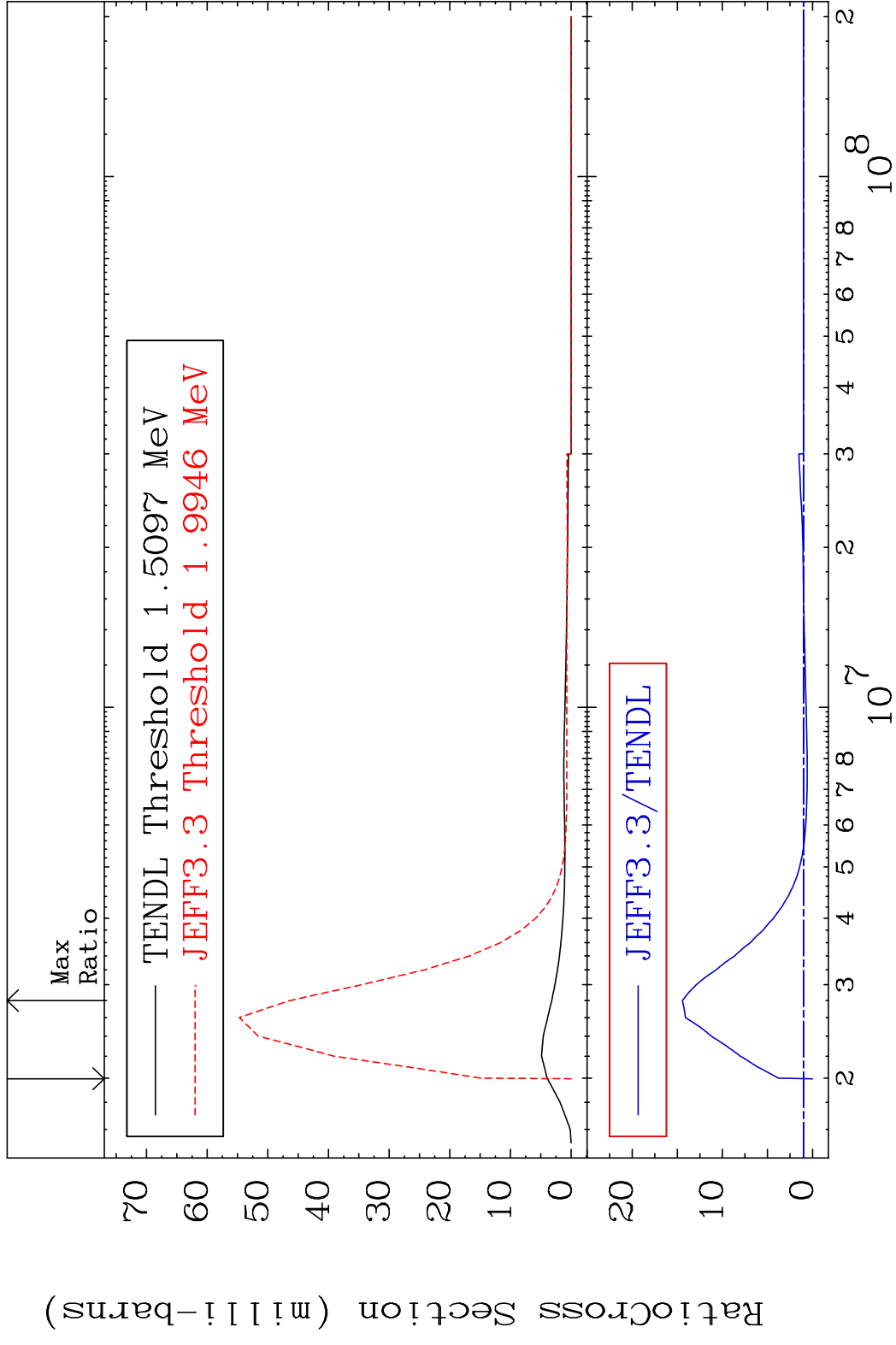
MAT 6855 MT= 69 (n,n') Level 68-Er-172
 Cross Section -100.0 To 254.4 %



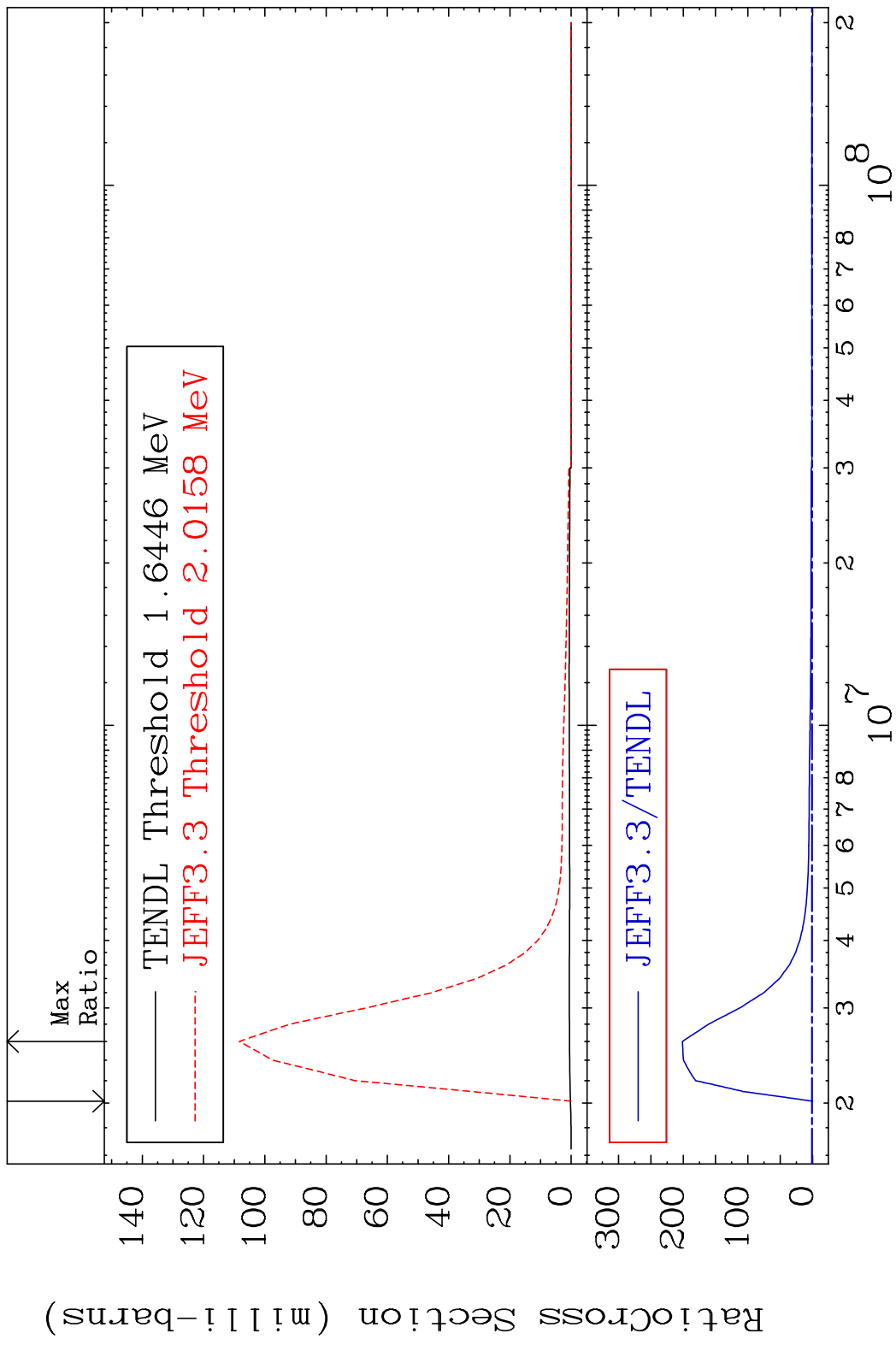
MAT 6855 MT= 70 (n, n') Level 68-Er-172
 Cross Section -100.0 To 426.0 %



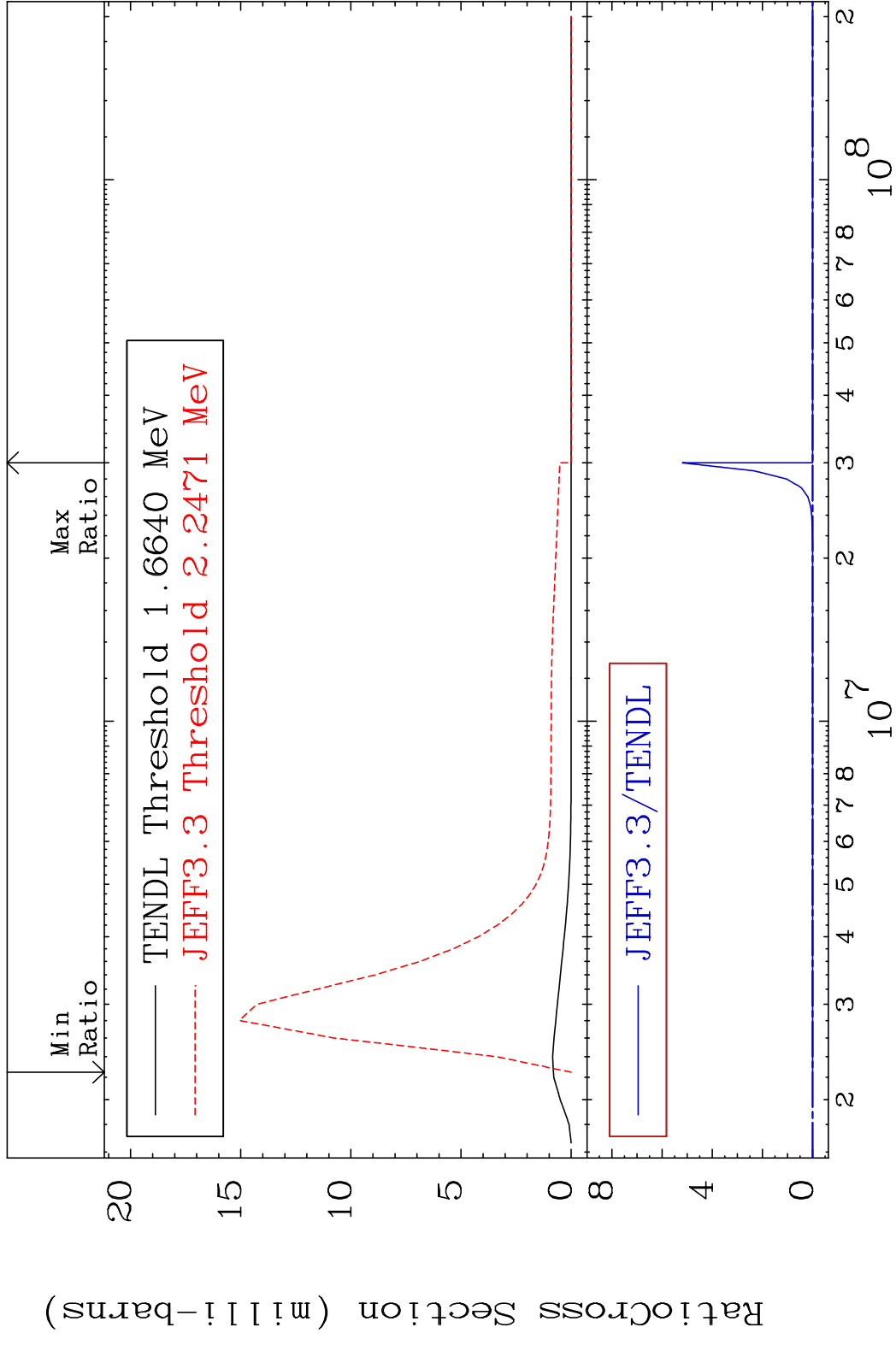
MAT 6855 MT= 71 (n, n') Level 68-Er-172
 Cross Section -100.0 To 1344. %



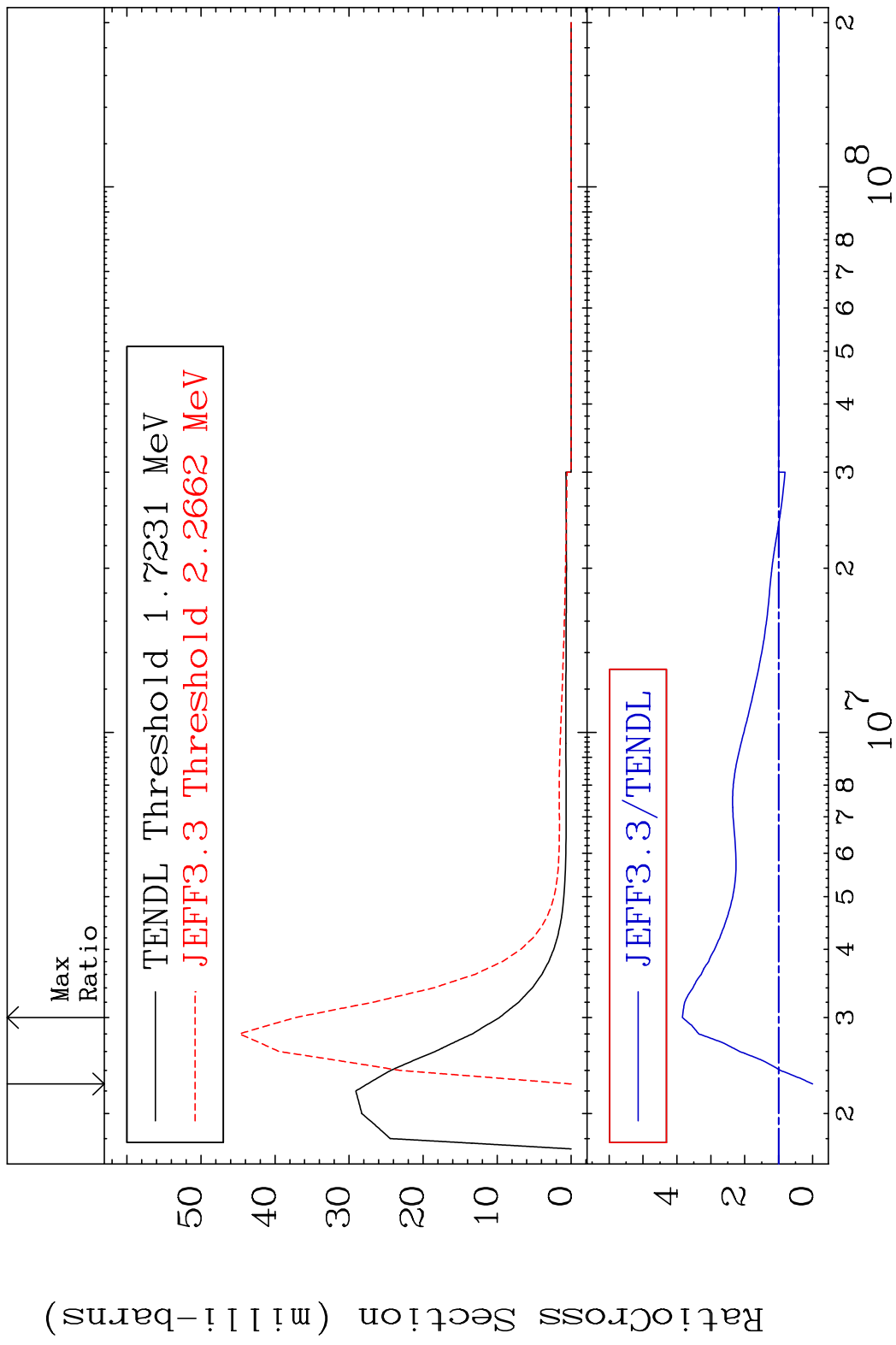
MAT 6855 MT= 72 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



MAT 6855 MT= 73 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %

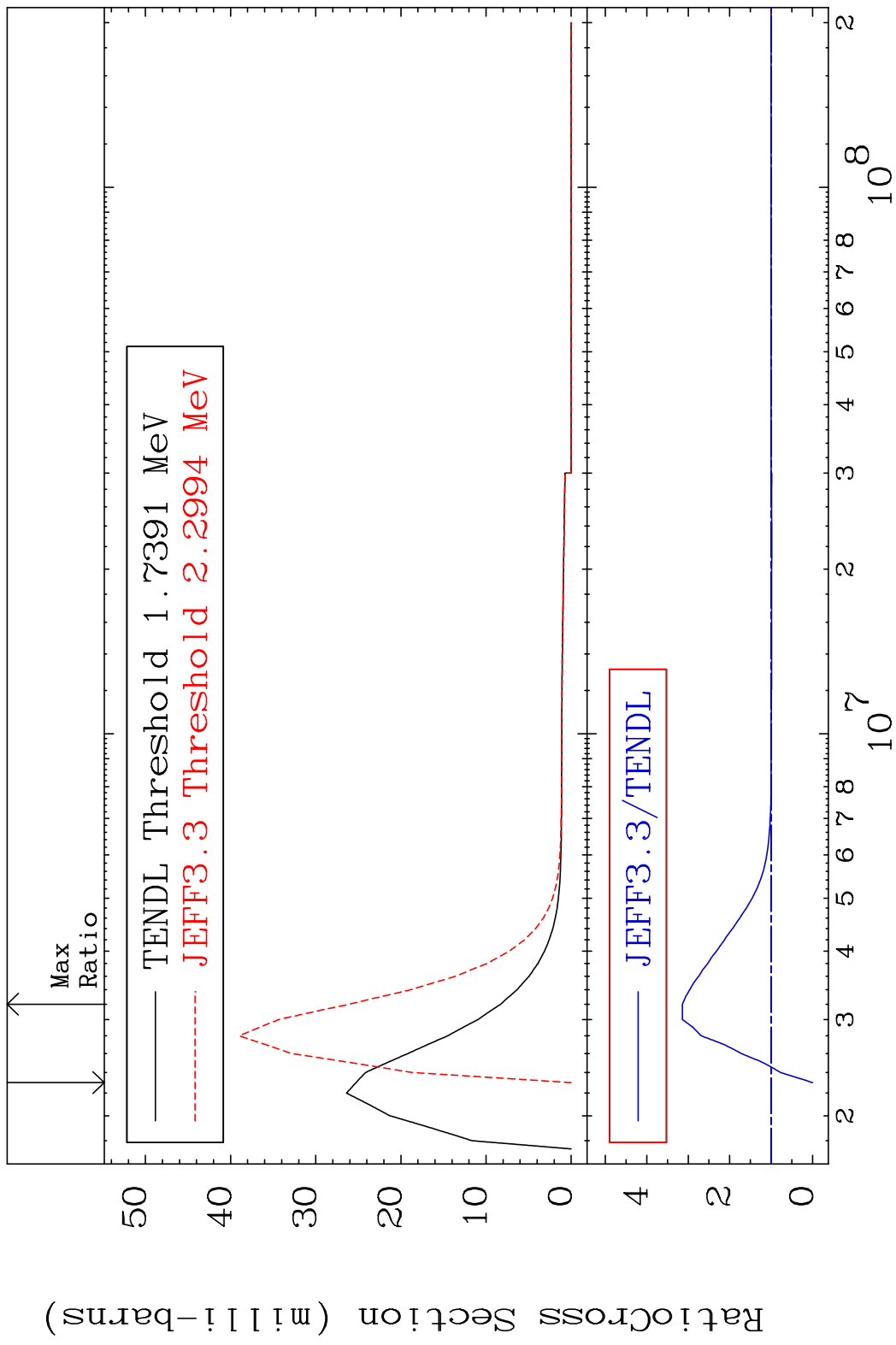


MAT 6855 MT= 74 (n, n') Level 68-Er-172
 Cross Section -100.0 To 284.0 %

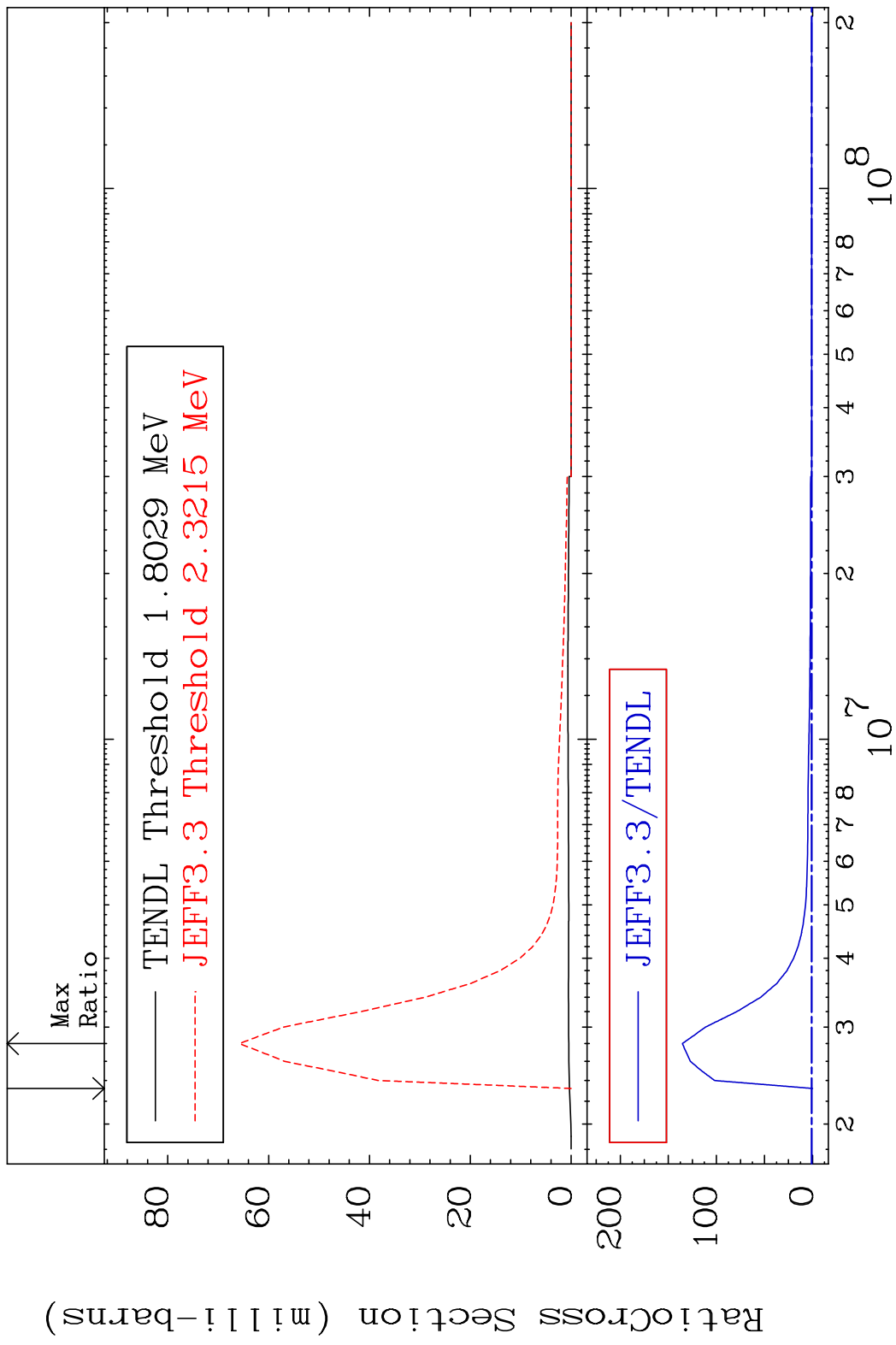


40 Incident Energy (eV) 68-Er-172

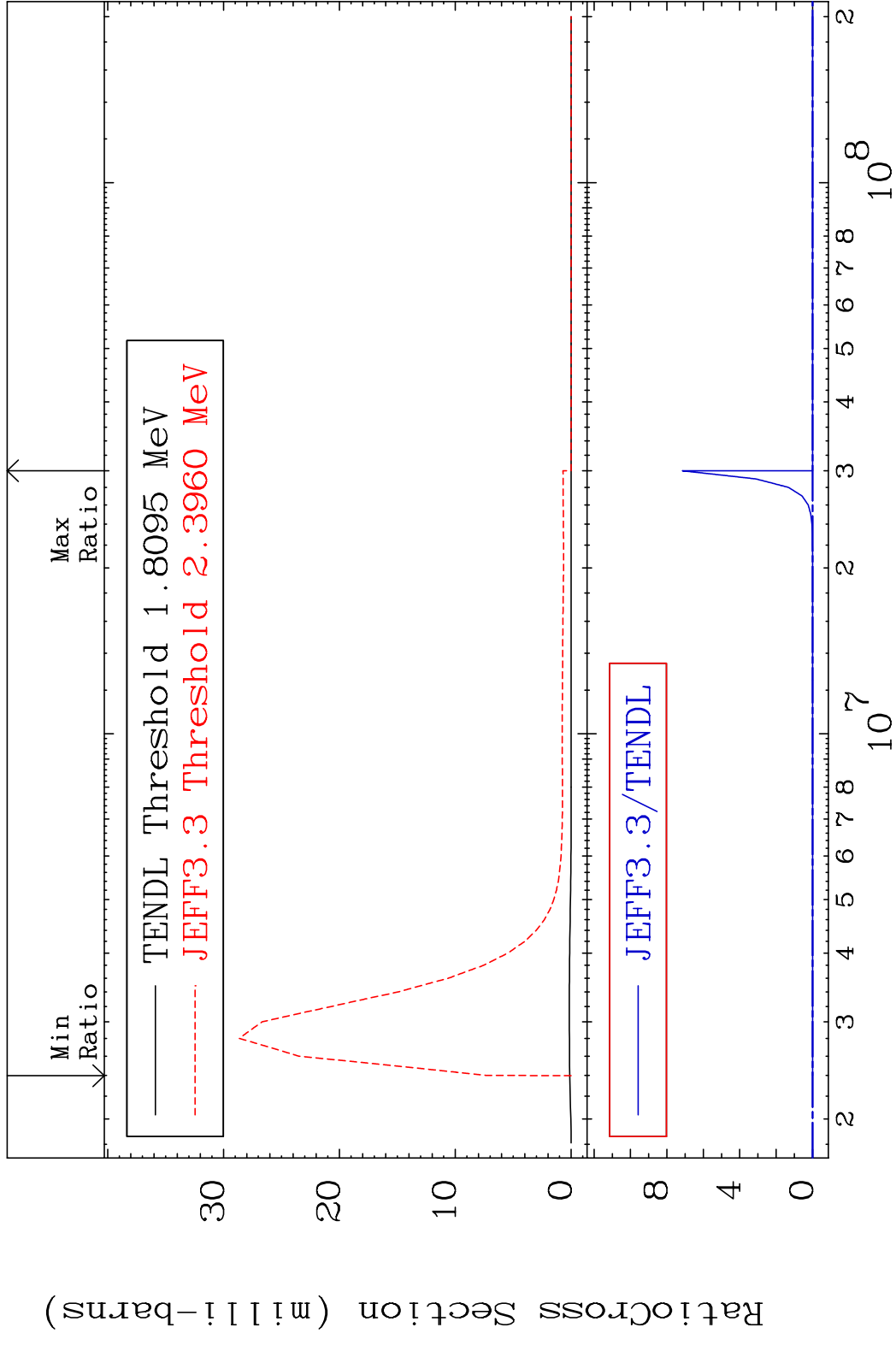
MAT 6855 MT= 75 (n, n') Level 68-Er-172
 Cross Section -100.0 To 214.1 %



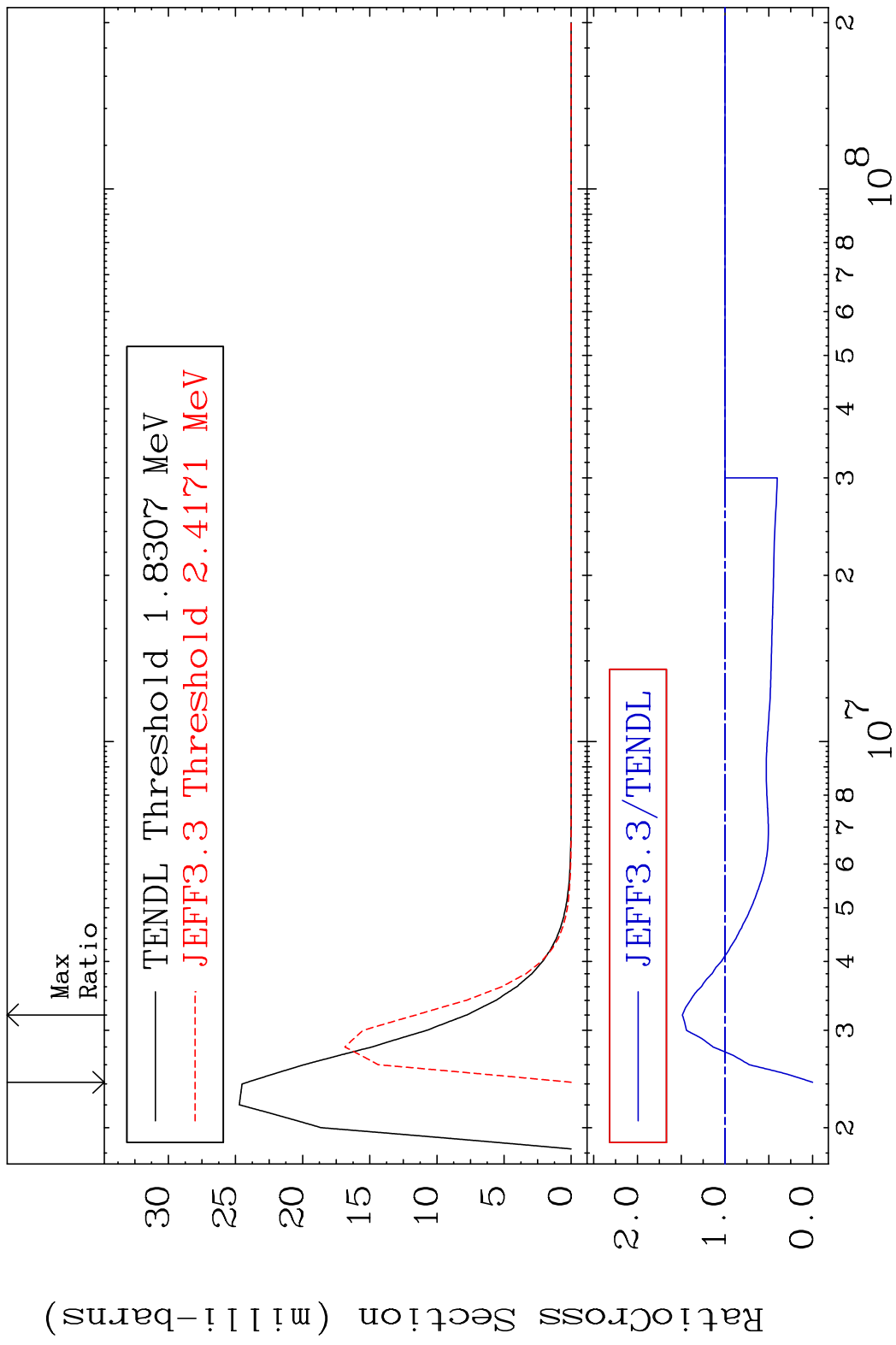
MAT 6855 MT= 76 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



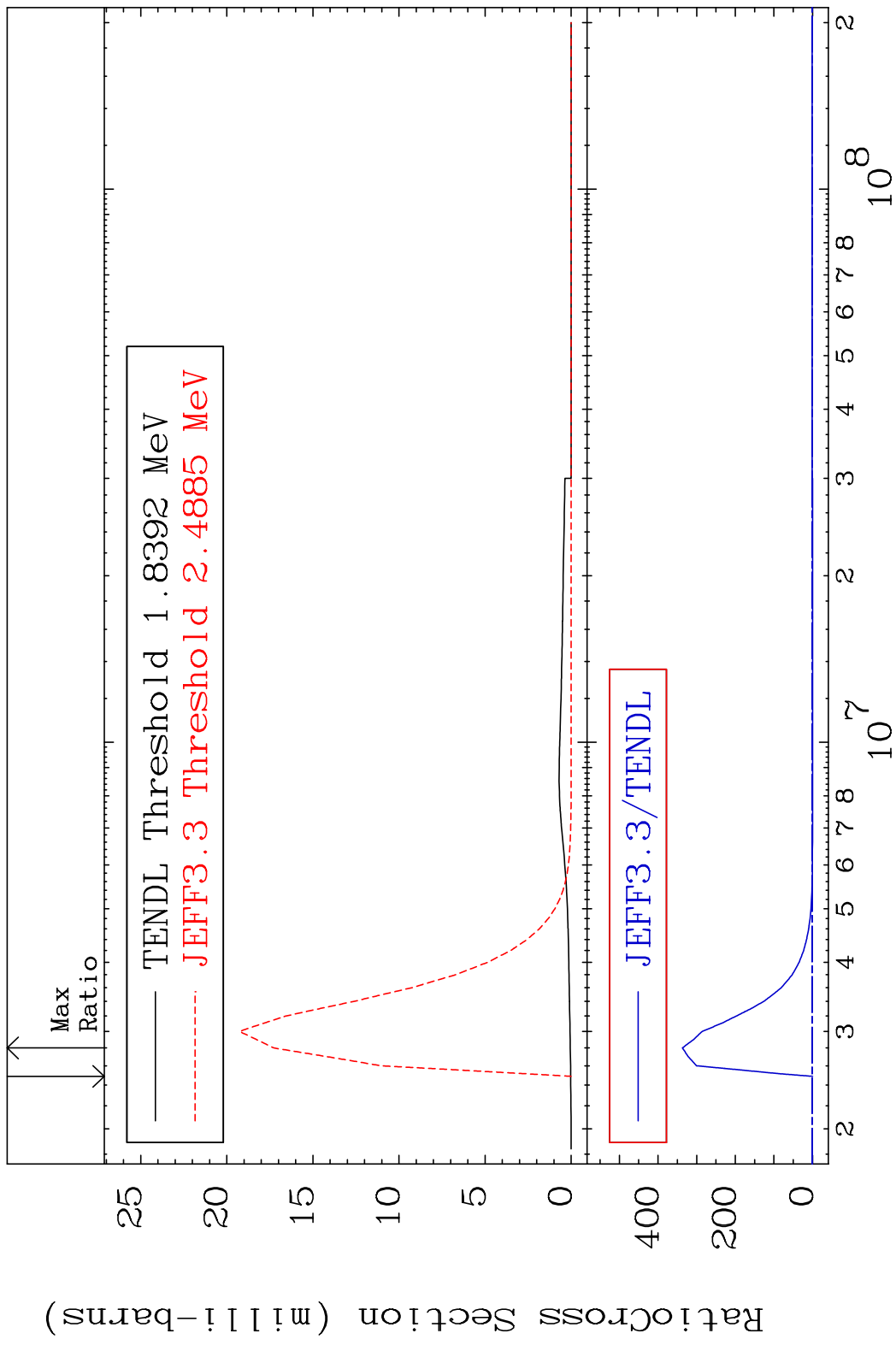
MAT 6855 MT= 77 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



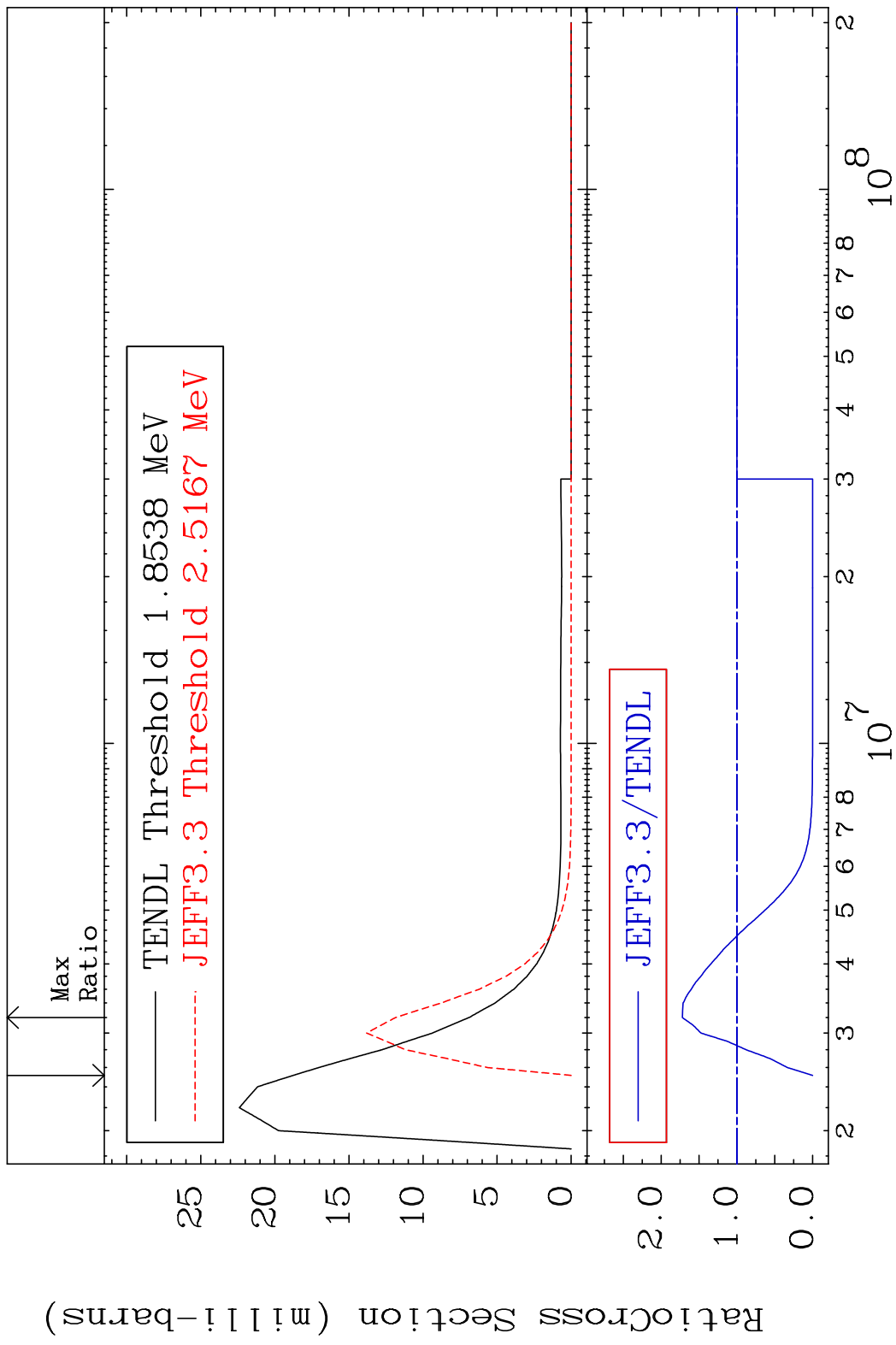
MAT 6855 MT= 78 (n, n') Level 68-Er-172
 Cross Section -100.0 To 48.65 %



MAT 6855 MT= 79 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



MAT 6855 MT= 80 (n, n') Level 68-Er-172
 Cross Section -100.0 To 71.95 %

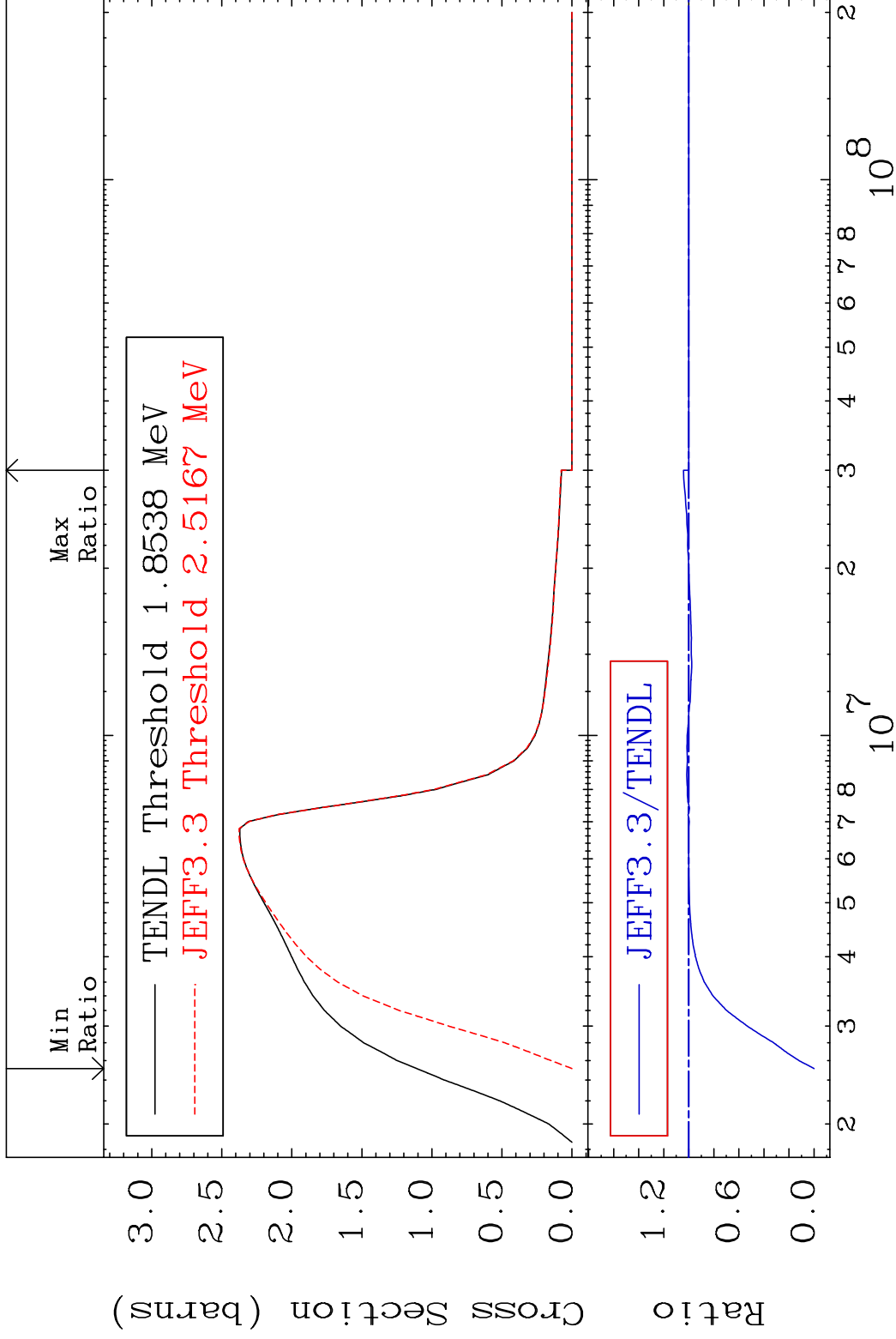


MAT 6855

(n, n') Continuum

68-Er-172

Cross Section -100.0 To 4.260 %



47

Incident Energy (eV)

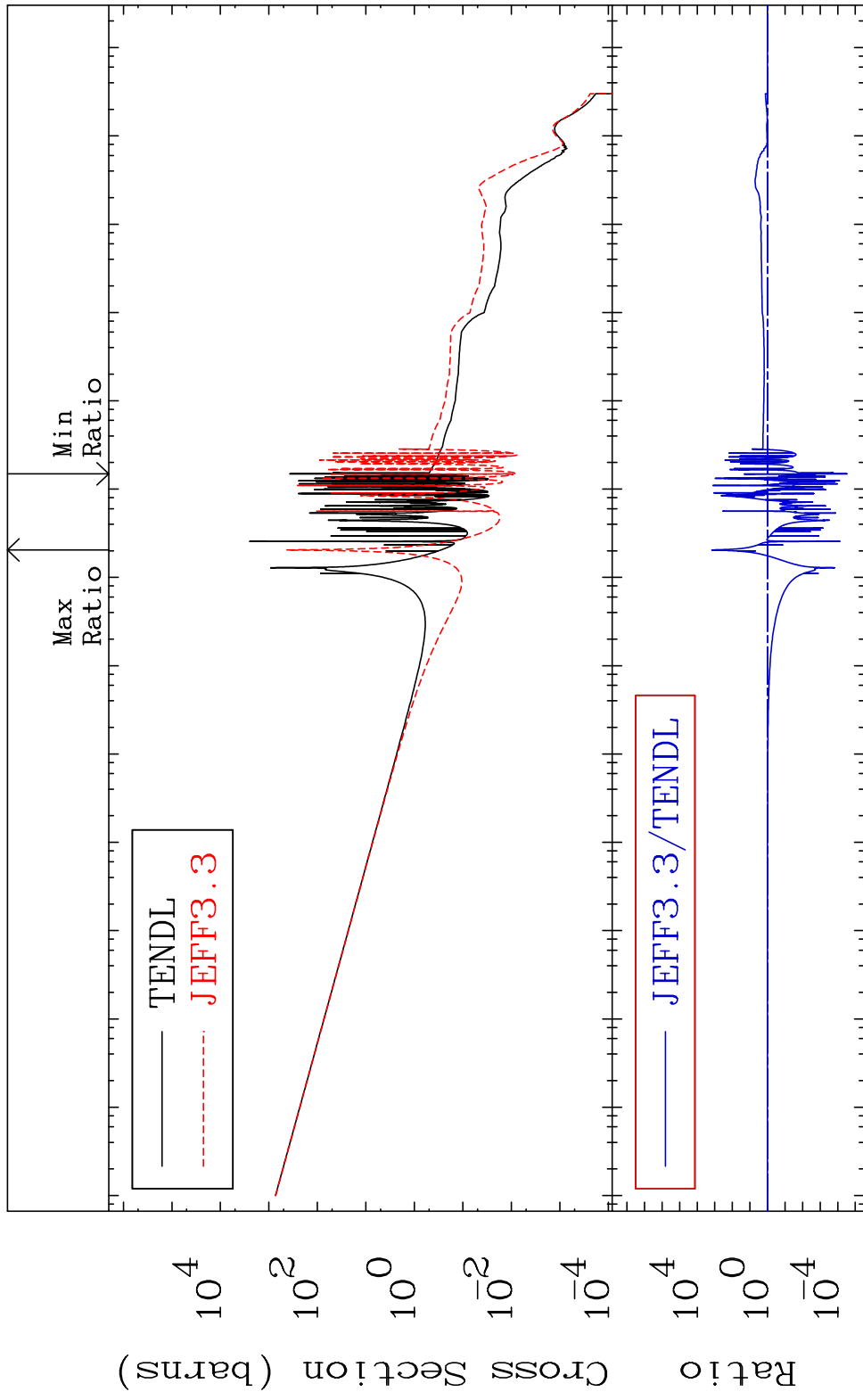
68-Er-172

MAT 6855

(n, γ)

68-Er-172

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

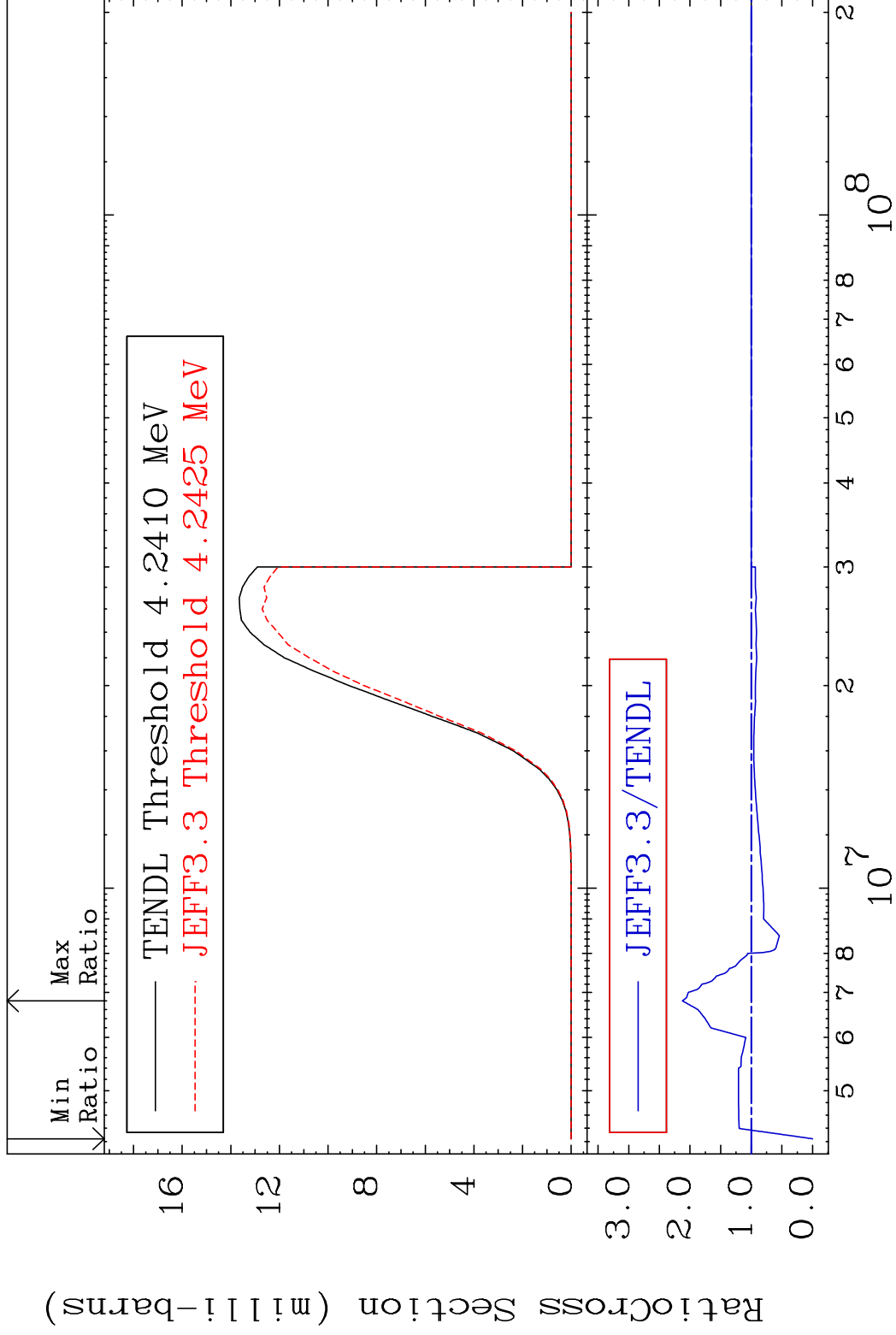
68-Er-172

MAT 6855

(n, p)

68-Er-172

Cross Section -100.0 To 112.5 %



49

Incident Energy (eV)

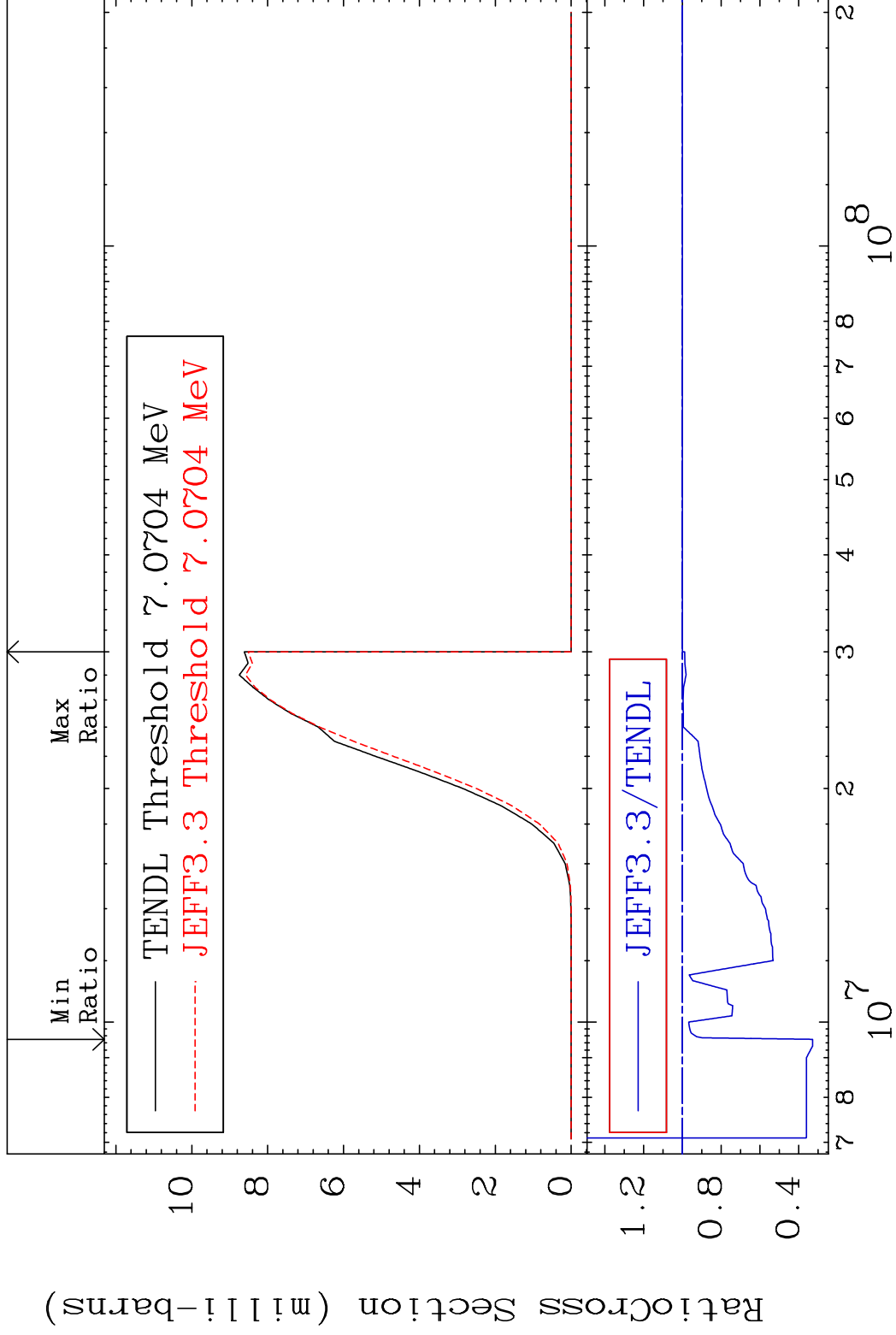
68-Er-172

MAT 6855

(n, d)

68-Er-172

Cross Section -67.11 To 0.000 %



50

Incident Energy (eV)

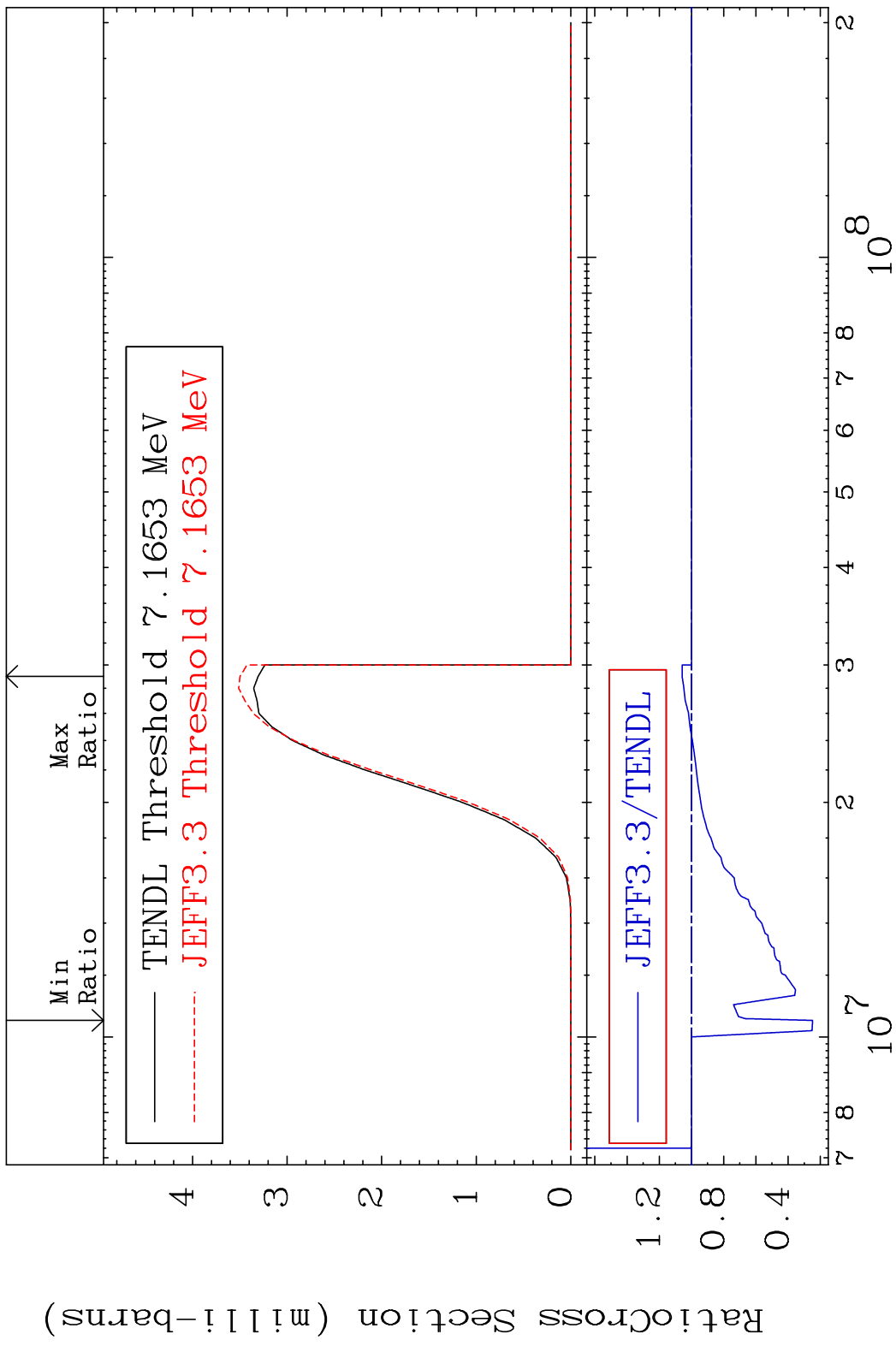
68-Er-172

MAT 6855

(n, t)

68-Er-172

Cross Section -75.14 To 5.792 %



51

Incident Energy (eV)

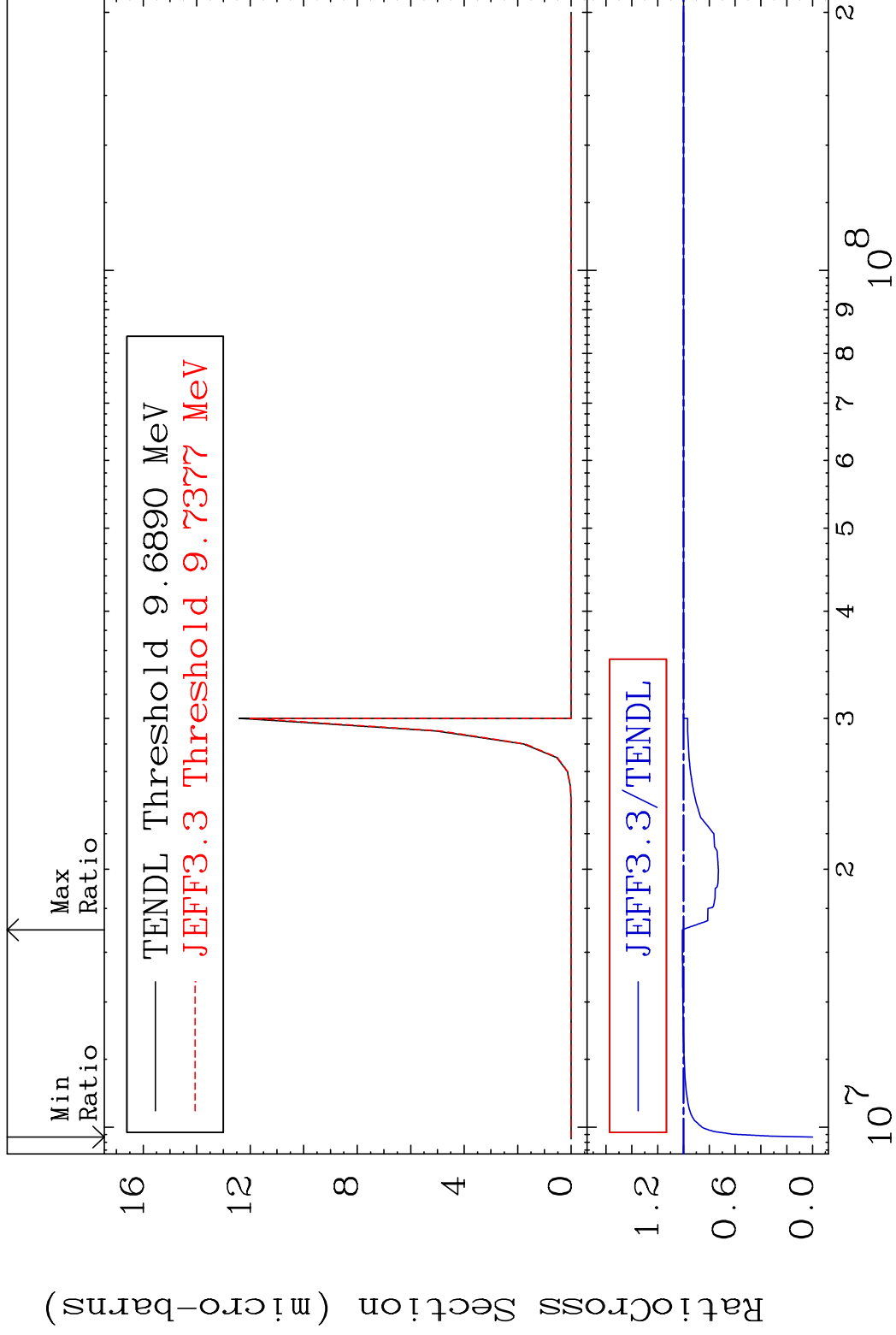
68-Er-172

MAT 6855

(n, He-3)

68-Er-172

Cross Section -100.0 To 0.874 %



52

Incident Energy (eV)

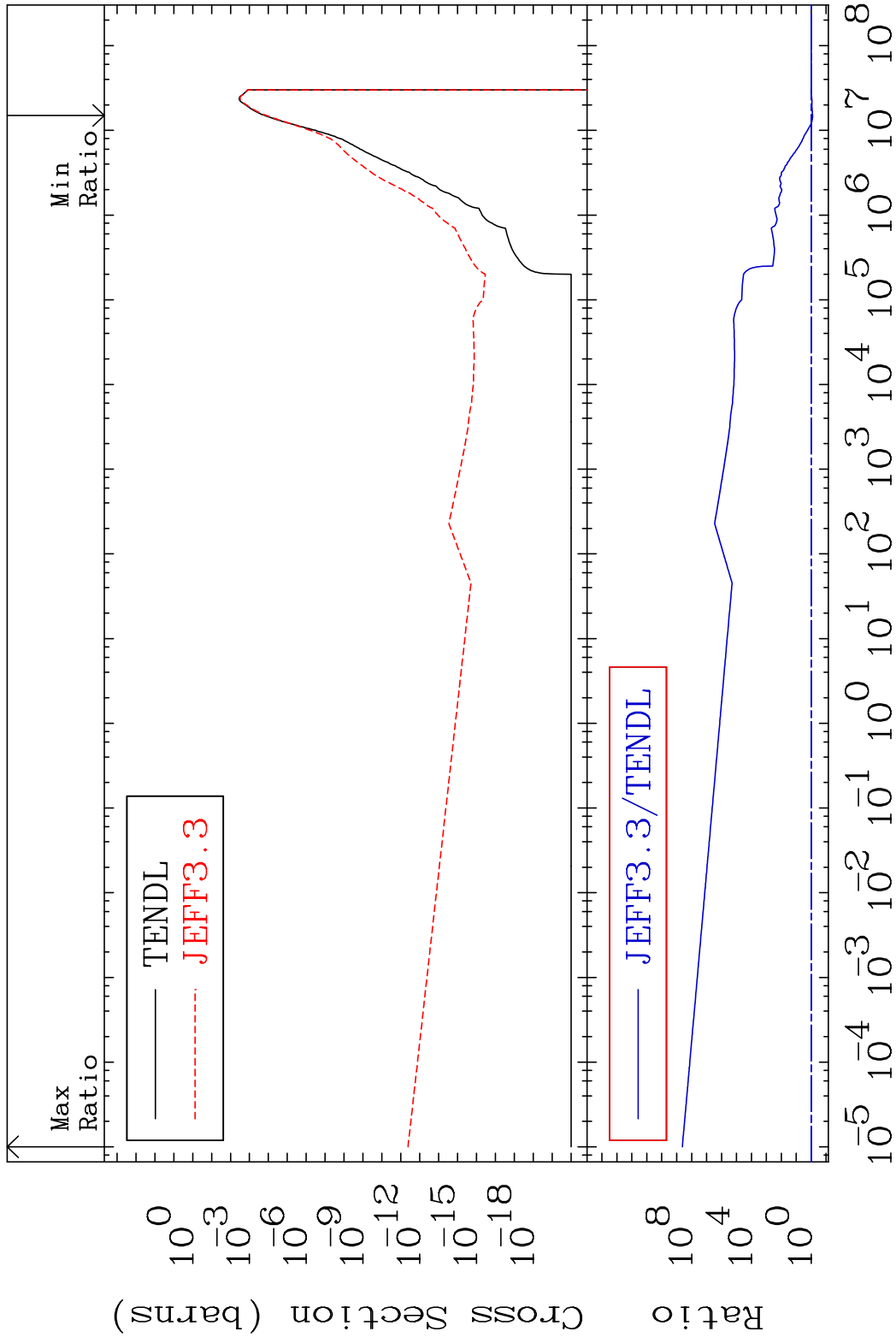
68-Er-172

MAT 6855

(n, α)

68-Er-172

Cross Section -18.91 To 9999. %



53

Incident Energy (eV)

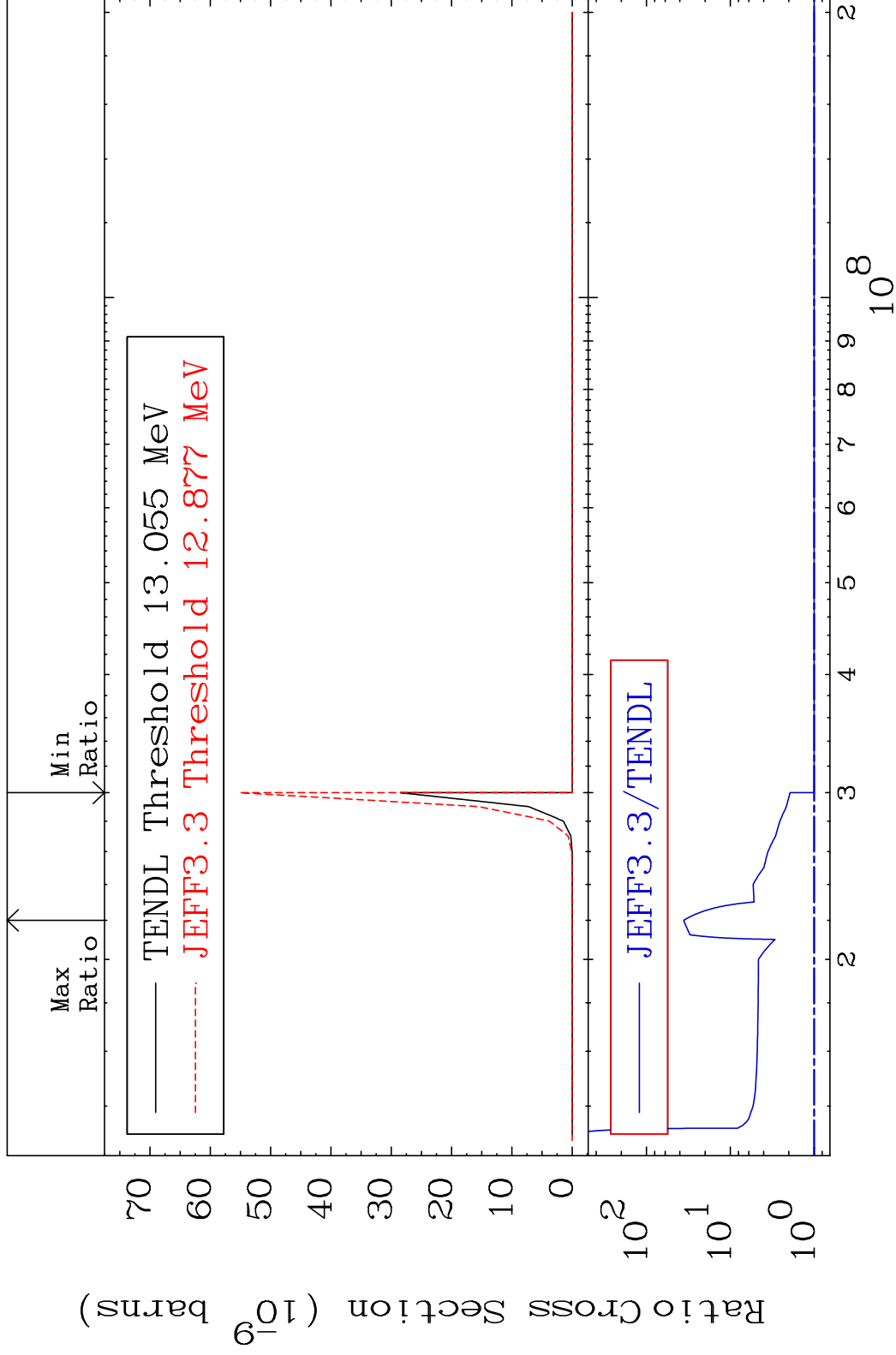
68-Er-172

MAT 6855

(n,2p)

68-Er-172

Cross Section 0.000 To 3505. %

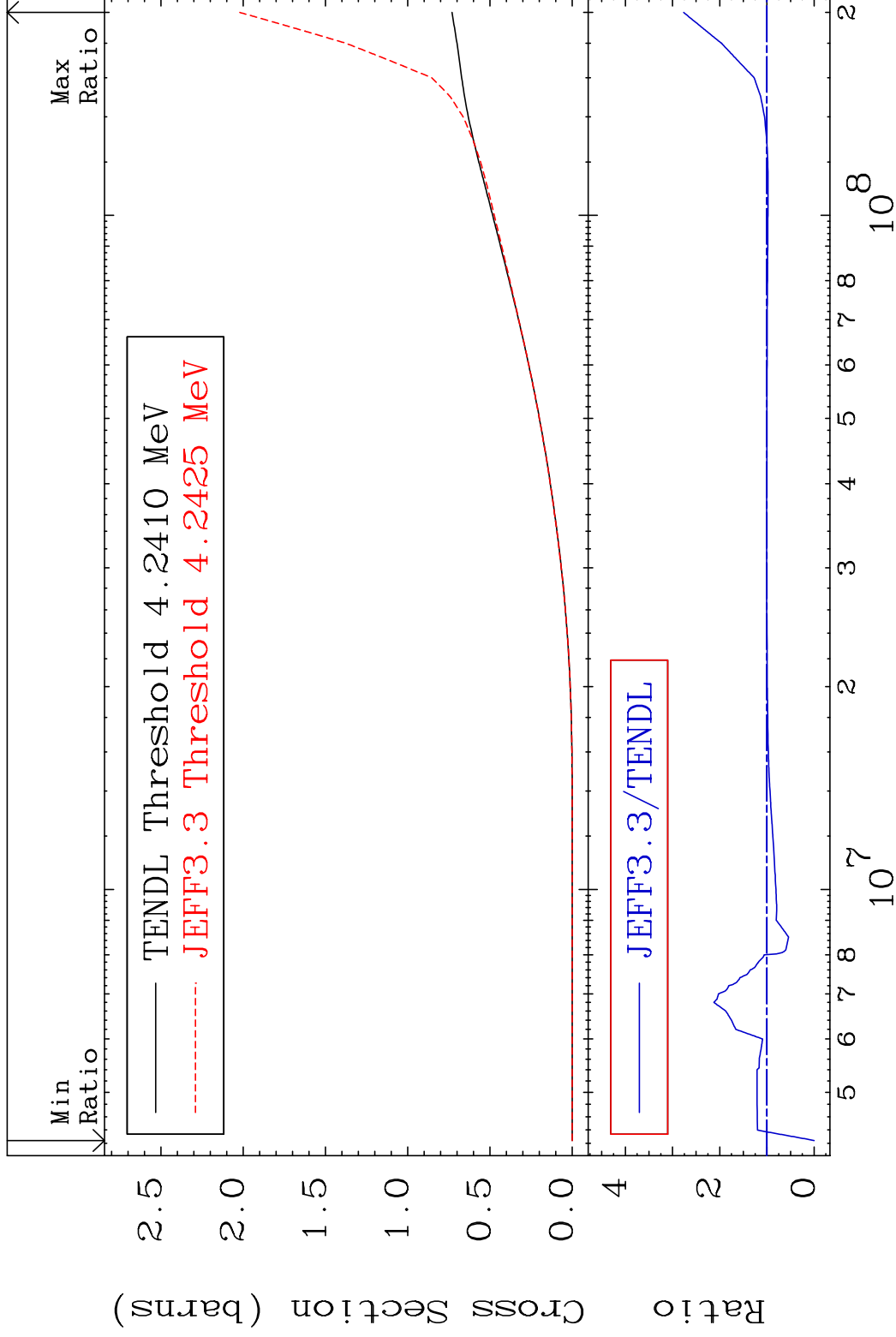


MAT 6855

Hydrogen Production

68-Er-172

Cross Section -100.0 To 176.4 %



55

Incident Energy (eV)

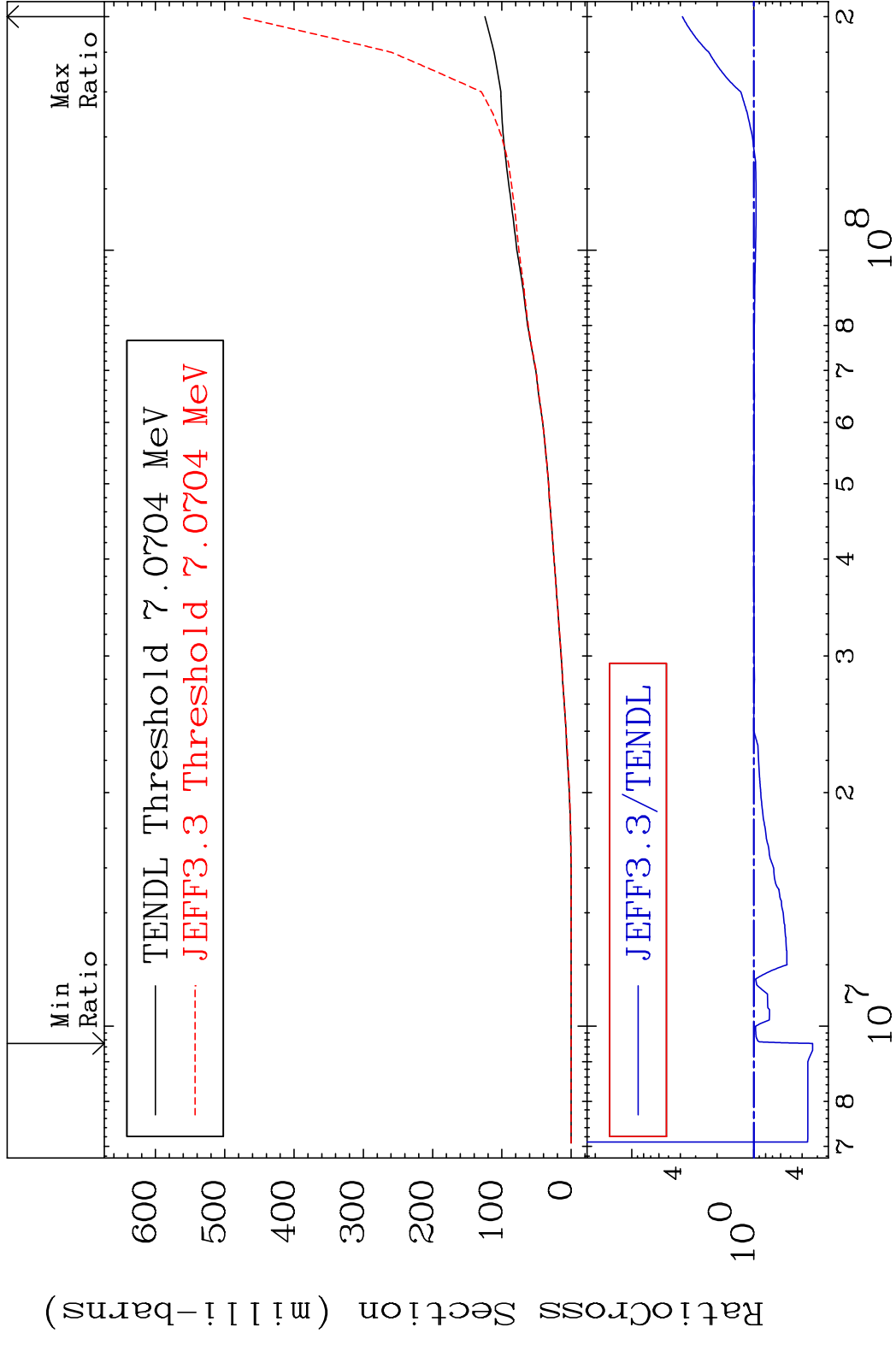
68-Er-172

MAT 6855

Deuterium Production

68-Er-172

Cross Section -67.11 To 285.1 %



56

Incident Energy (eV)

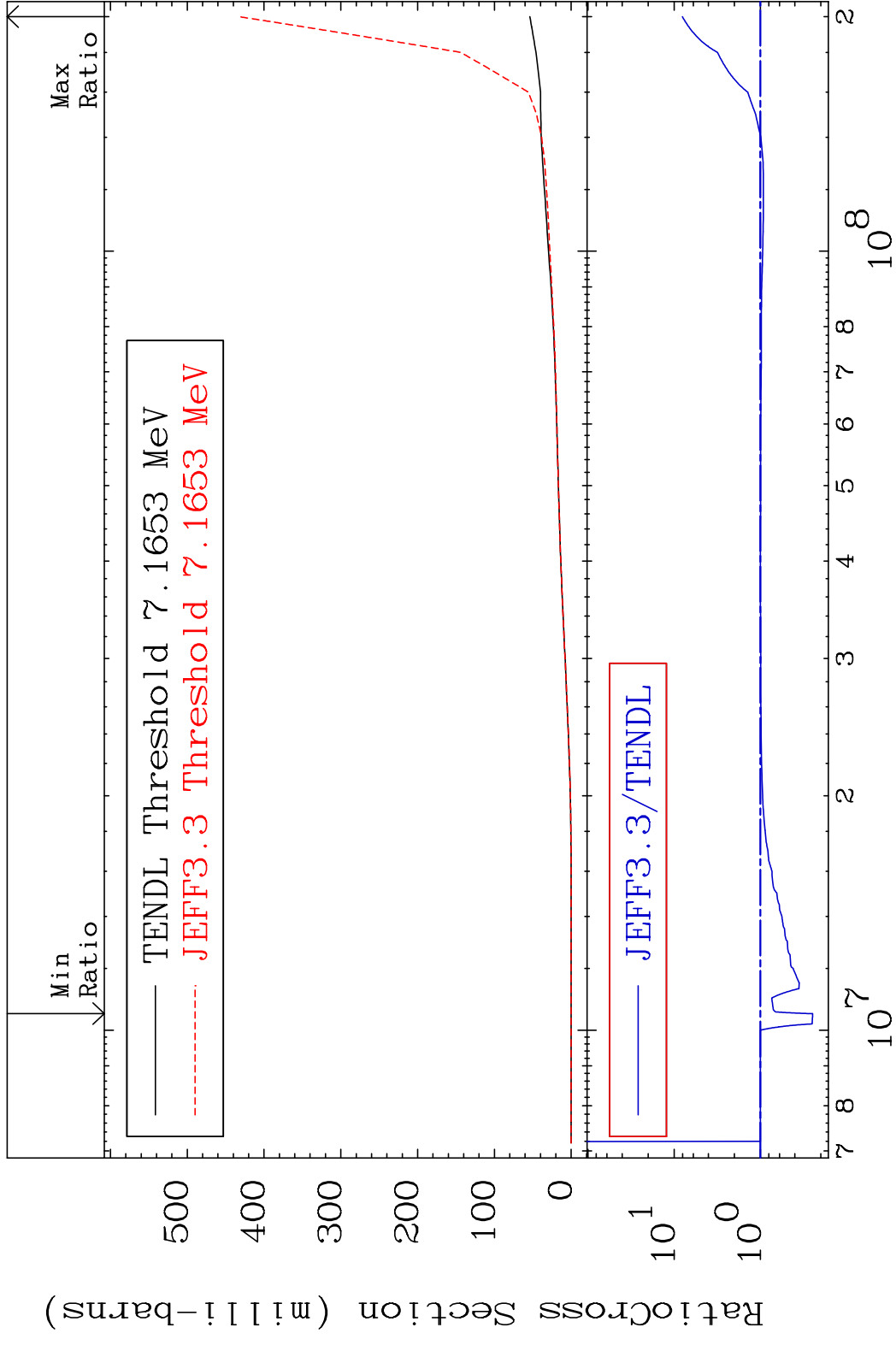
68-Er-172

MAT 6855

Tritium Production

68-Er-172

Cross Section -75.14 To 703.2 %

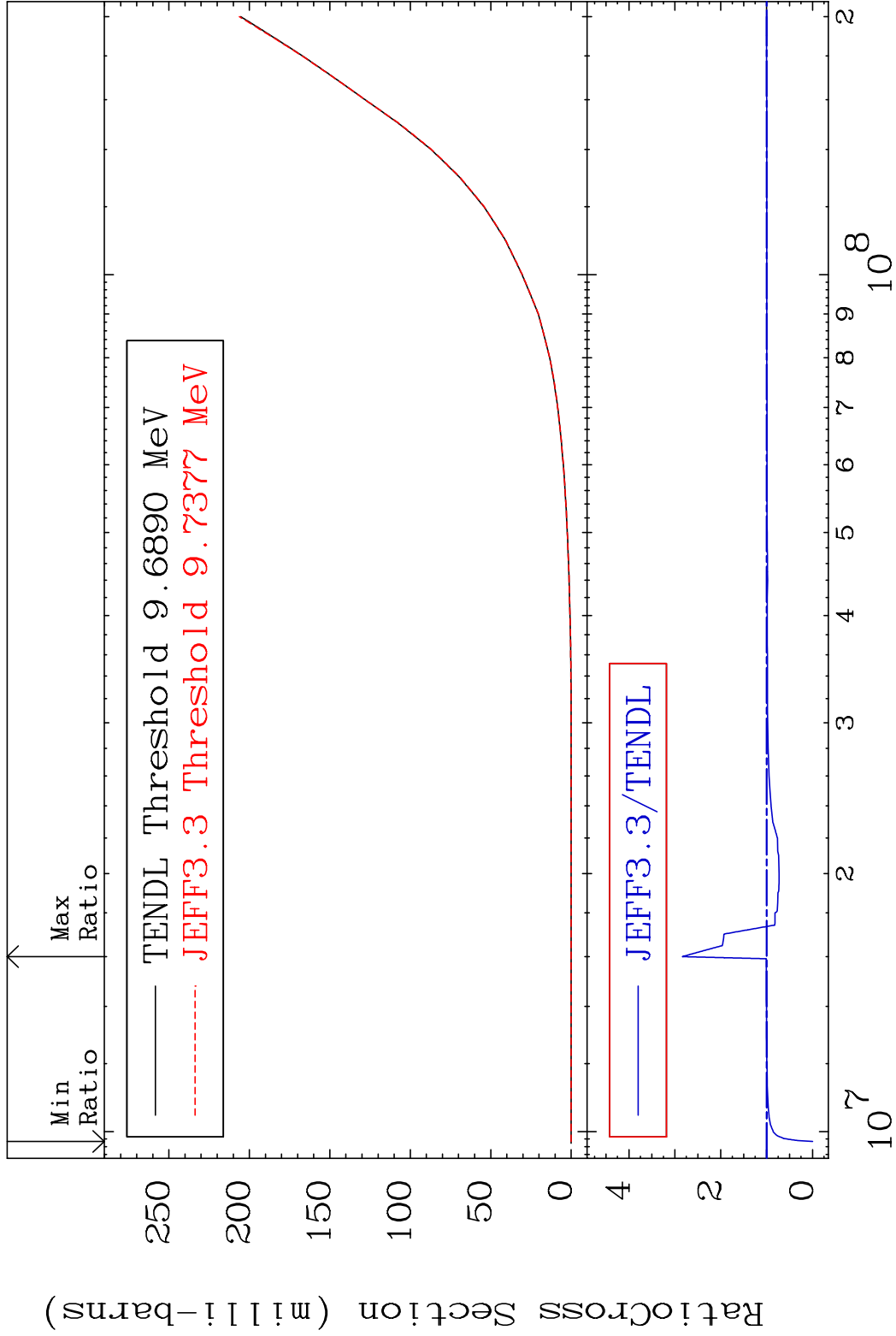


MAT 6855

He-3 Production

68-Er-172

Cross Section -100.0 To 183.6 %



58

Incident Energy (eV)

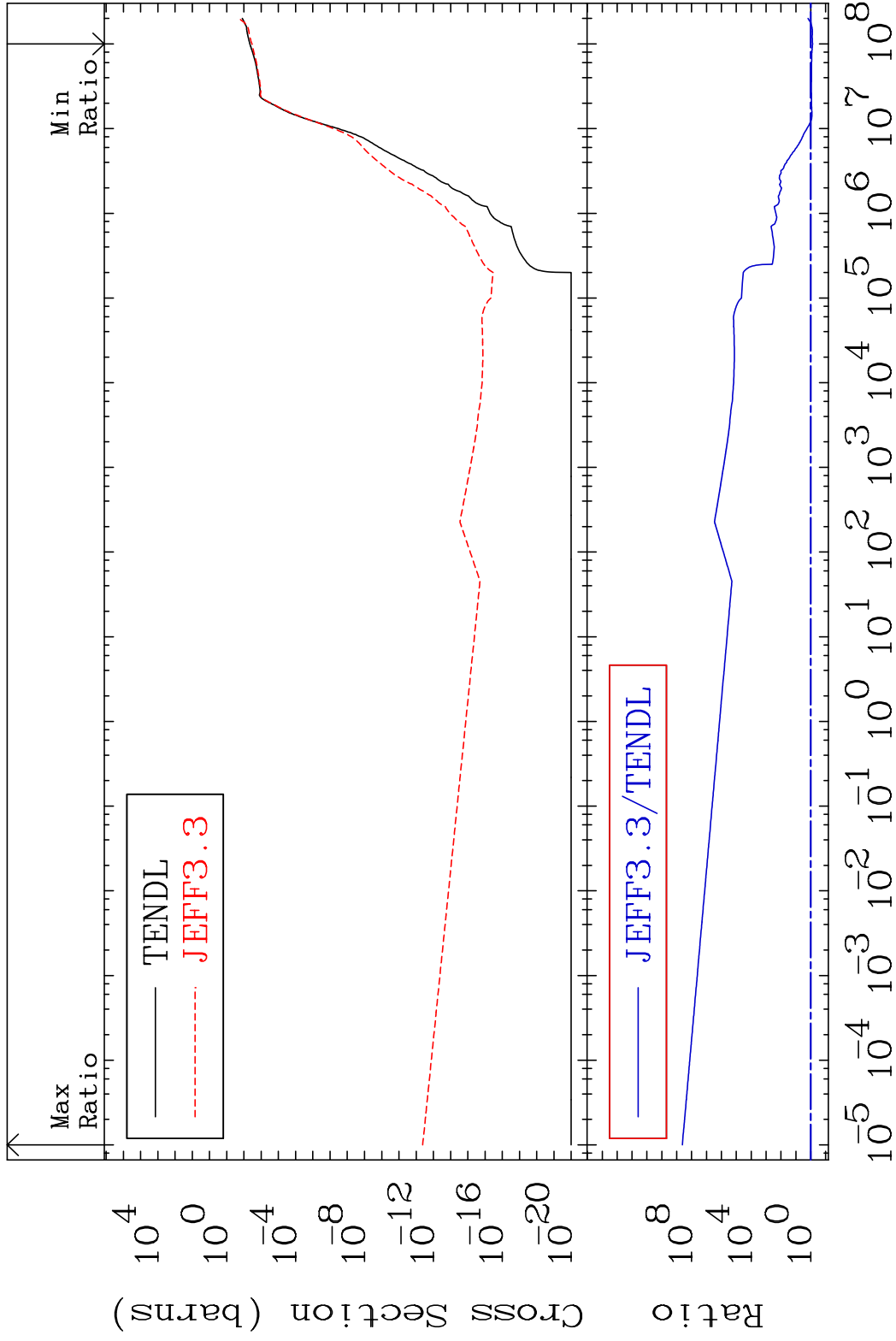
68-Er-172

MAT 6855

He-4 Production

68-Er-172

Cross Section -24.50 To 9999. %

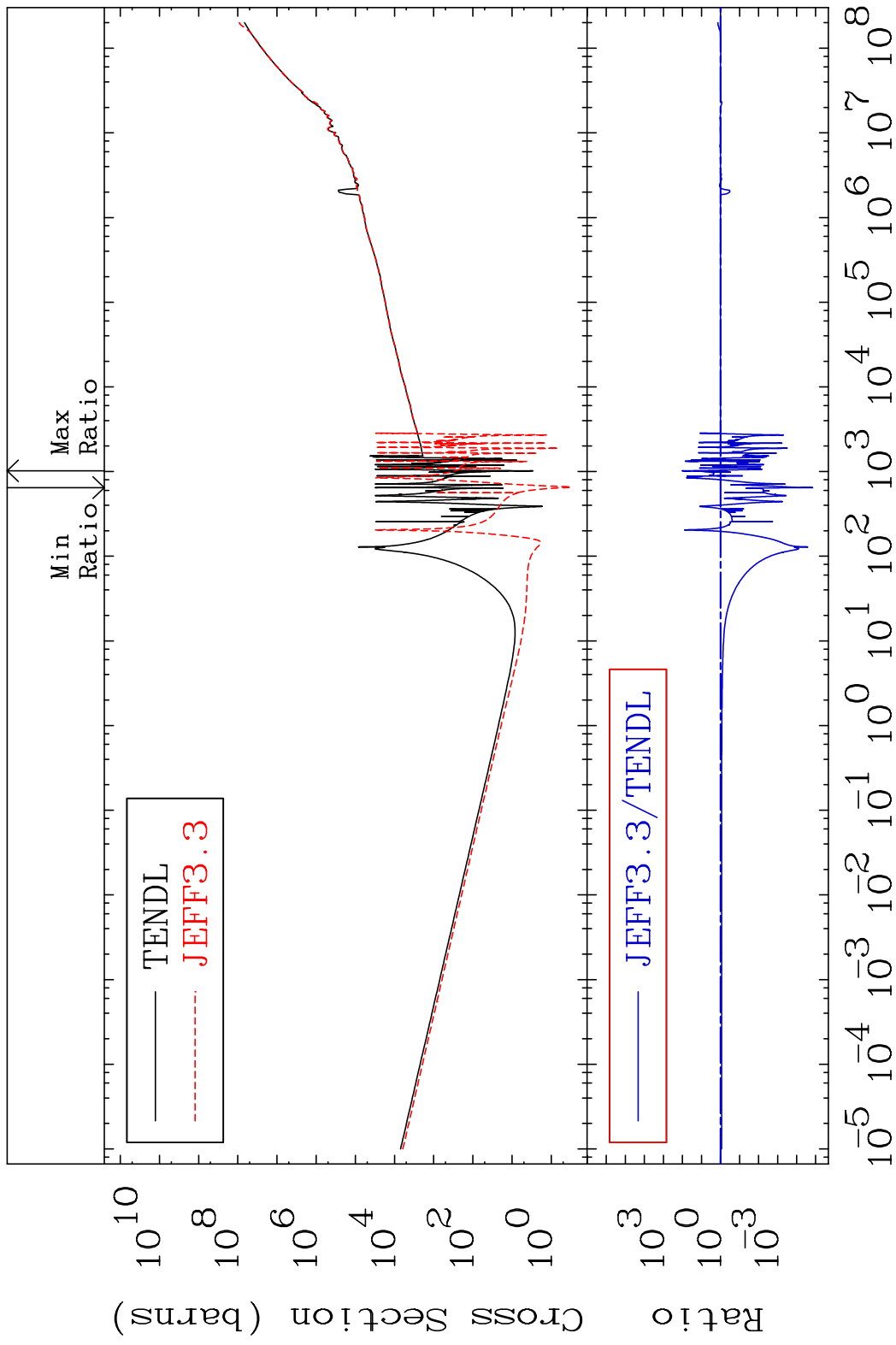


59

Incident Energy (eV)

68-Er-172

MAT 6855 Kerma total (eV-barns) 68-Er-172
Cross Section -100.0 To 9995. %



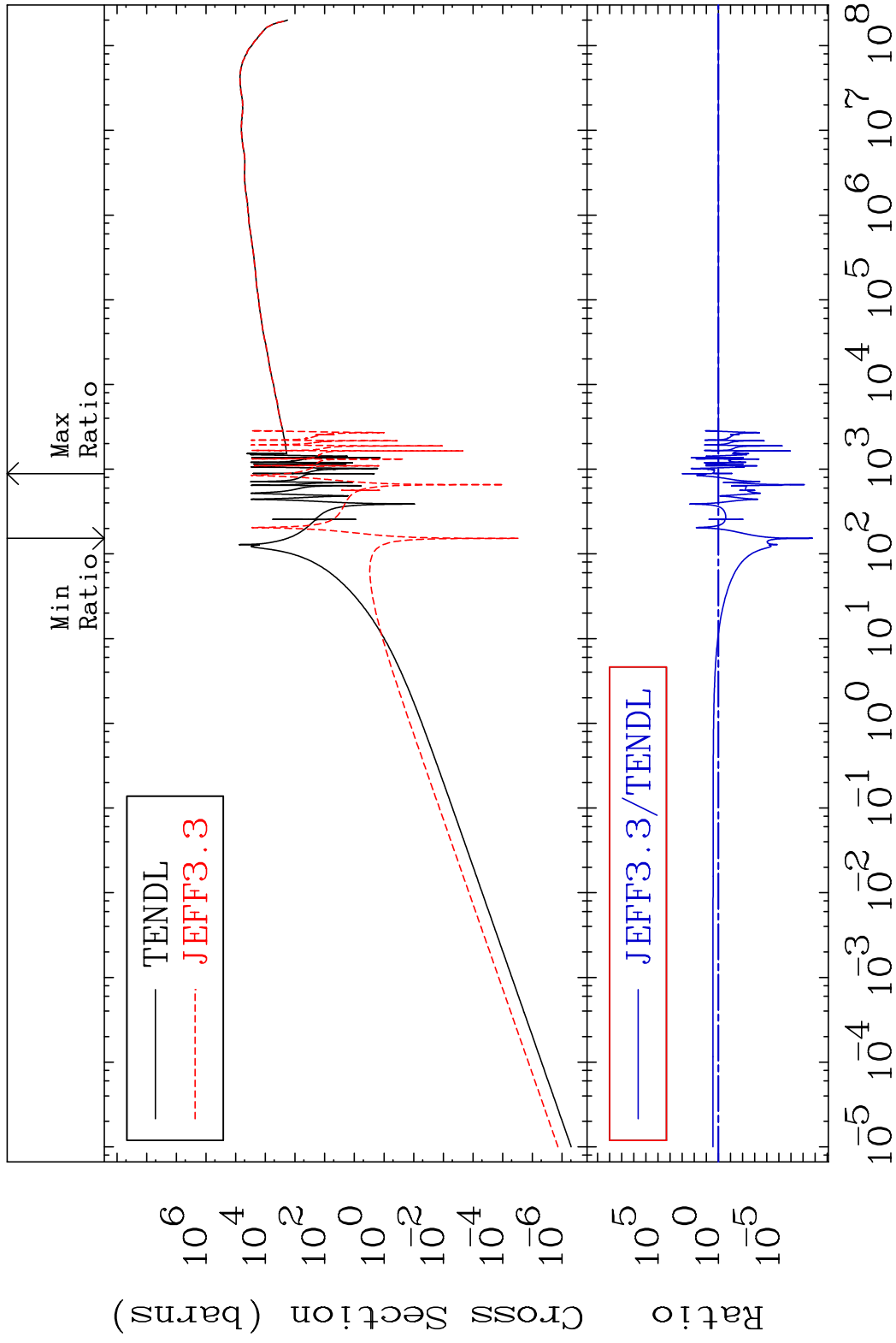
60 Incident Energy (eV) 68-Er-172

MAT 6855

Kerma elastic

68-Er-172

Cross Section -100.0 To 9999. %

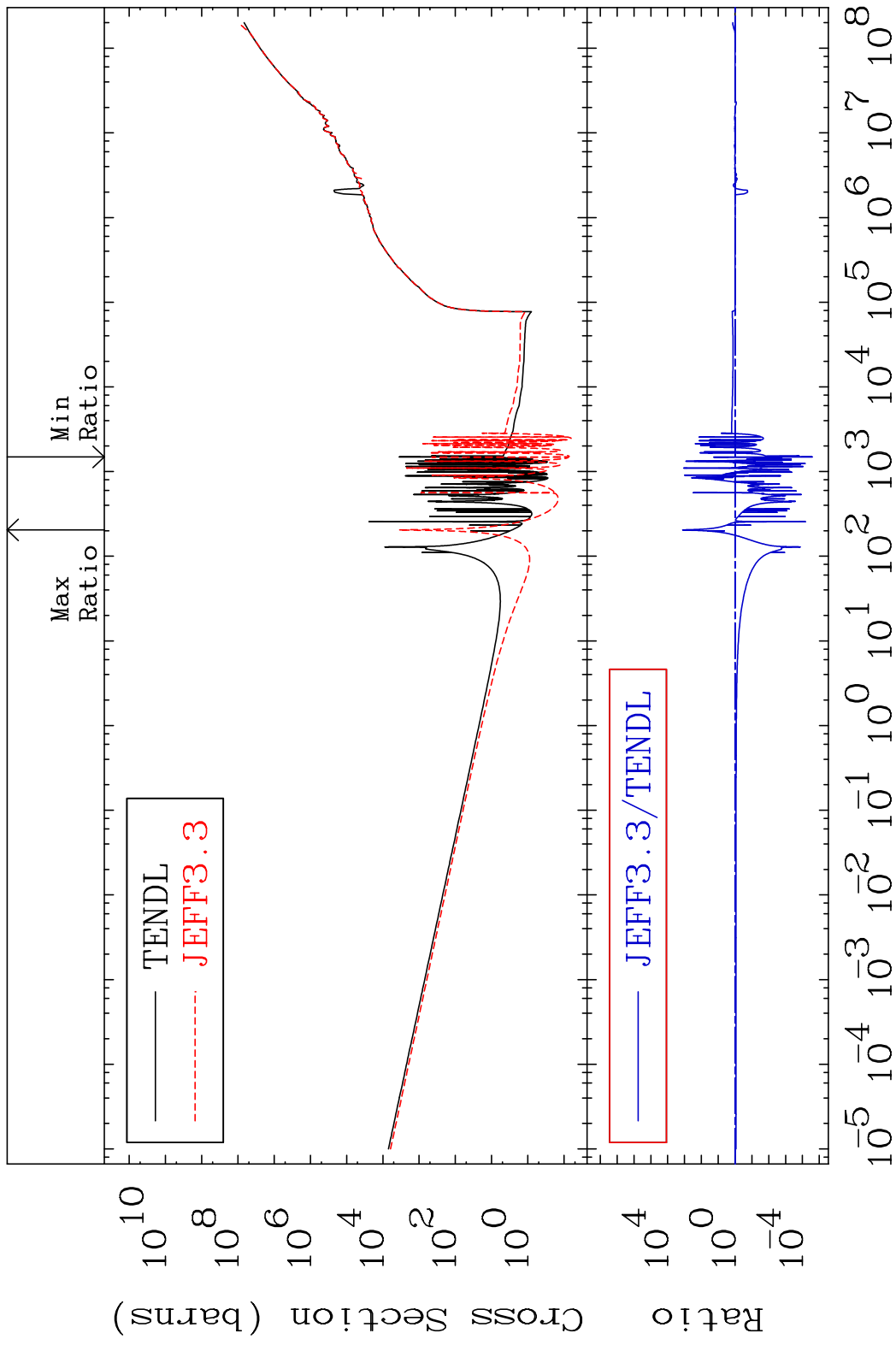


61

Incident Energy (eV)

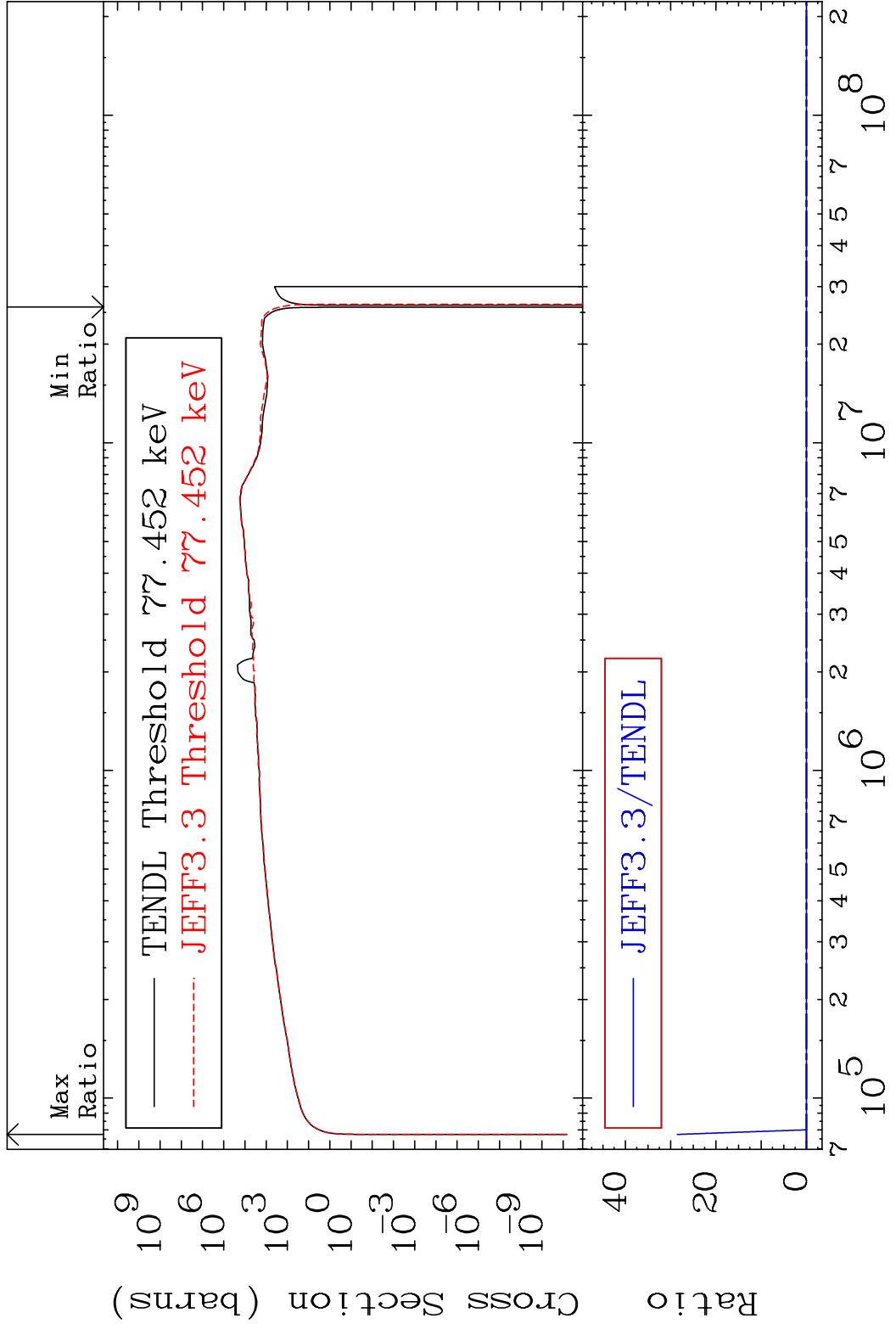
68-Er-172

MAT 6855 Kerma non-elastic (all but mt2) 68-Er-172
 Cross Section -100.0 To 9999. %



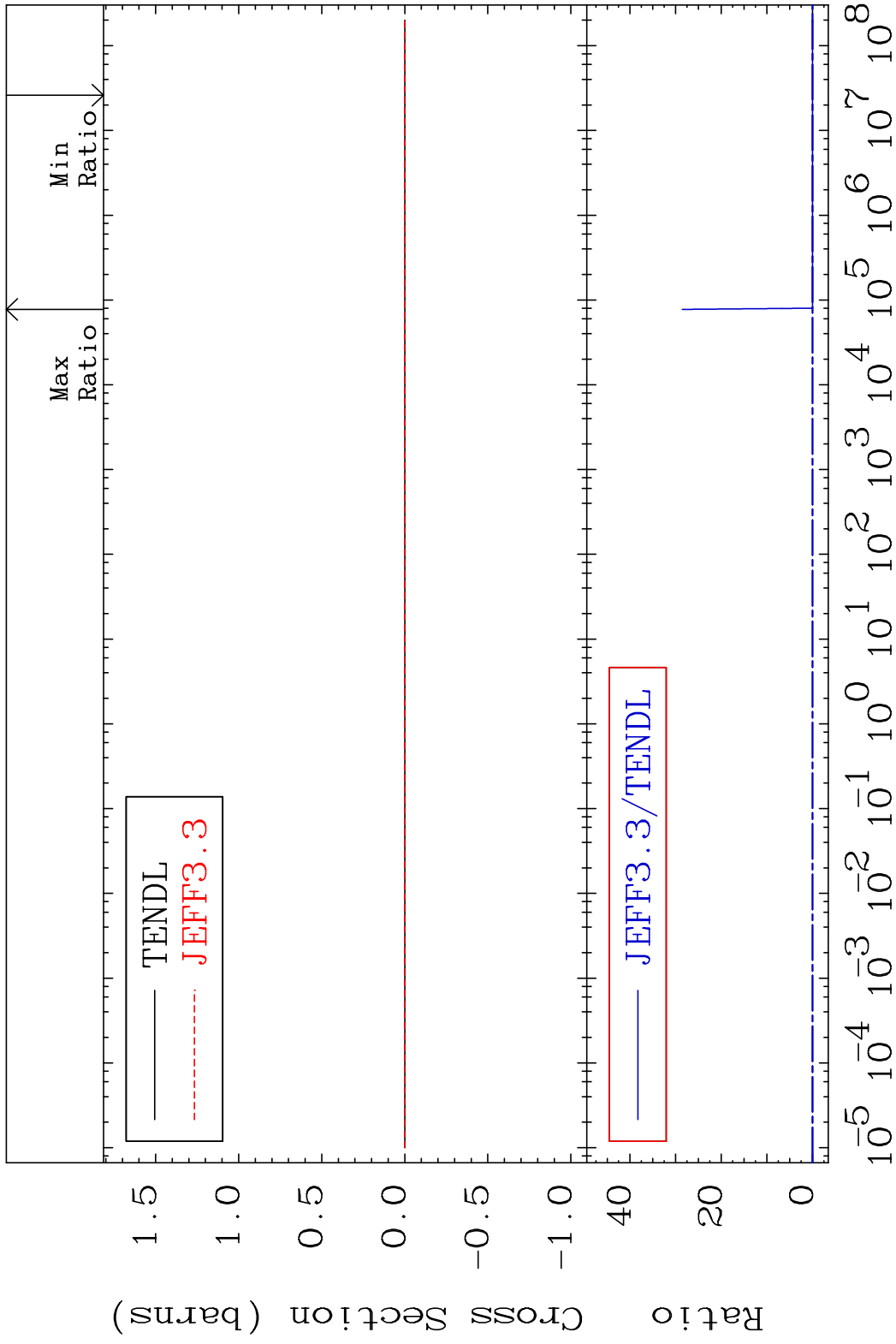
62 Incident Energy (eV) 68-Er-172

MAT 6855 Kerma inelastic (mt51-91) 68-Er-172
 Cross Section -532.0 To 9999. %

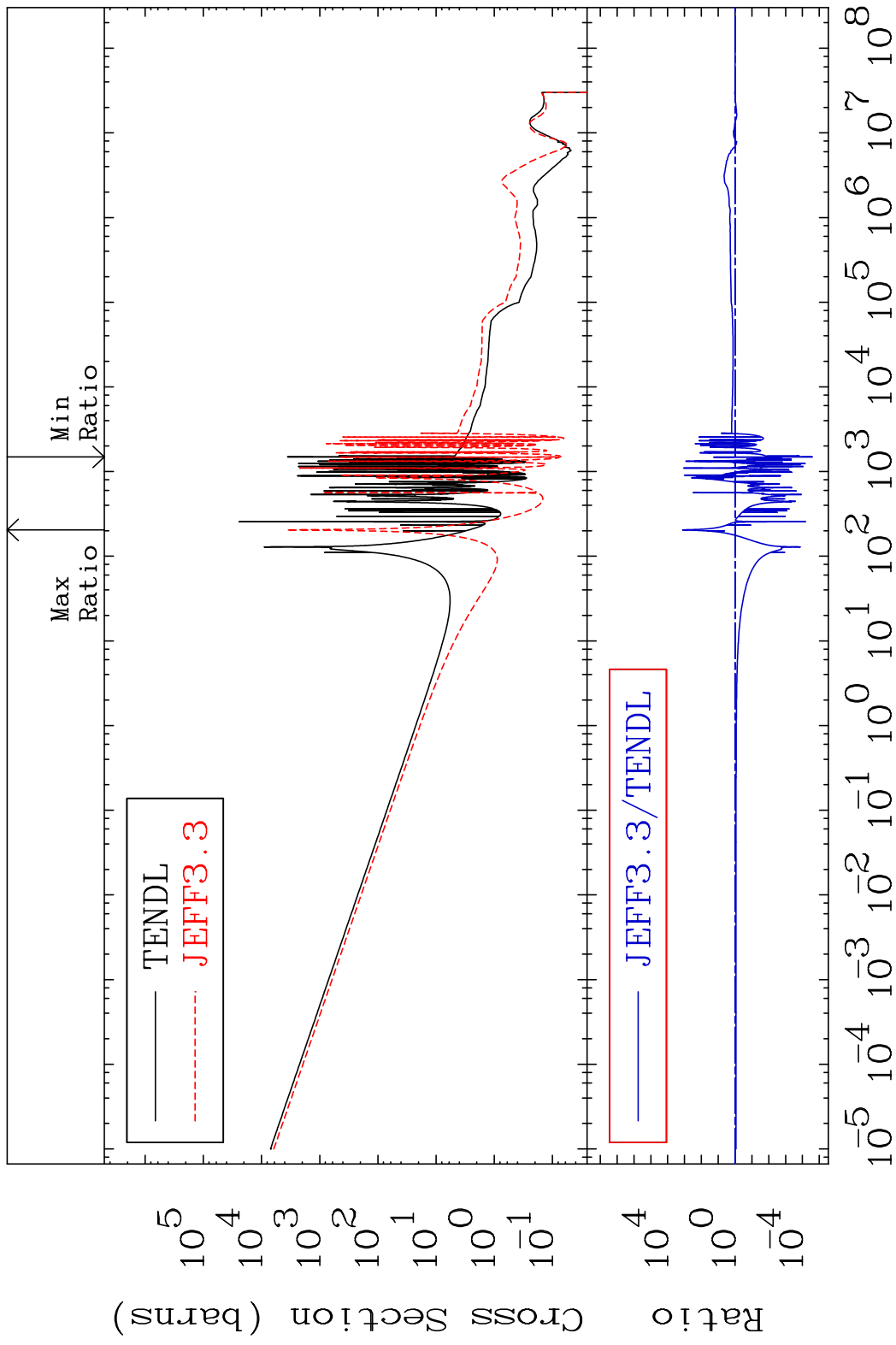


63 Incident Energy (eV) 68-Er-172

MAT 6855 Kerma fission (mt18 or mt19-20-21-38) 68-Er-172
 Cross Section -532.0 To 9999. %

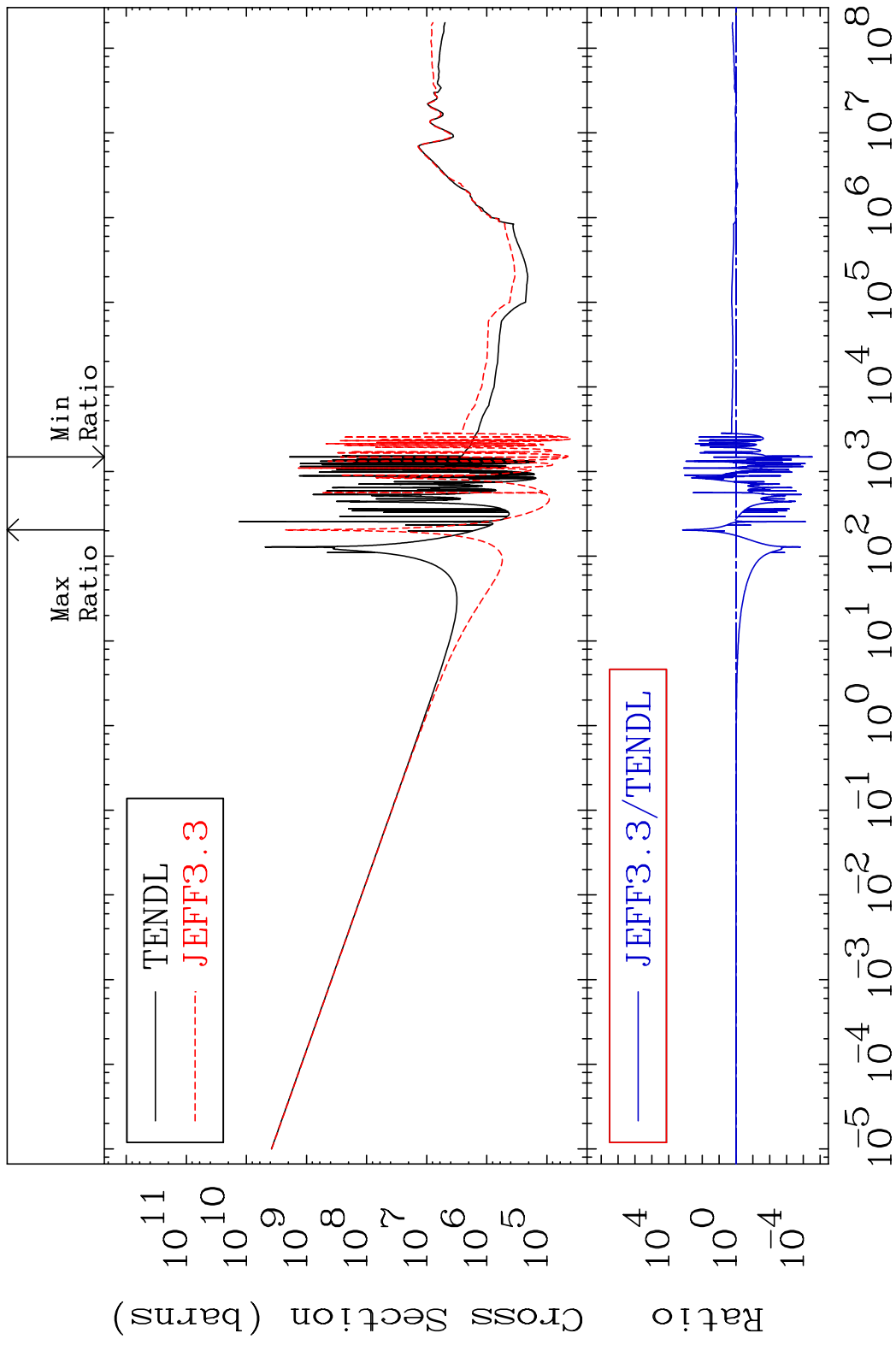


MAT 6855 Kerma capture (mt102) 68-Er-172
 Cross Section -100.0 To 9999. %



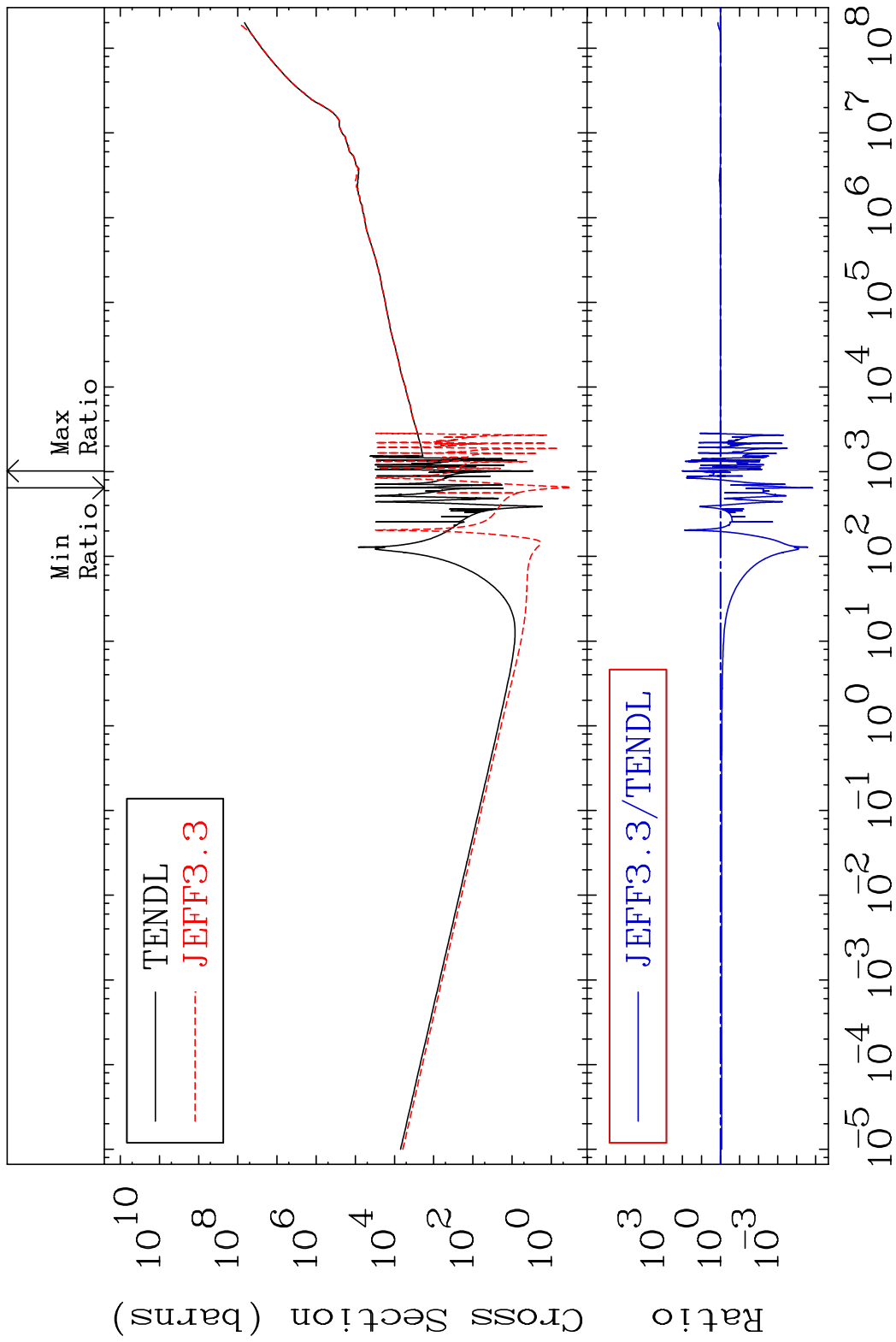
65 Incident Energy (eV) 68-Er-172

MAT 6855 Total photon (eV-barns) 68-Er-172
 Cross Section -100.0 To 9999. %

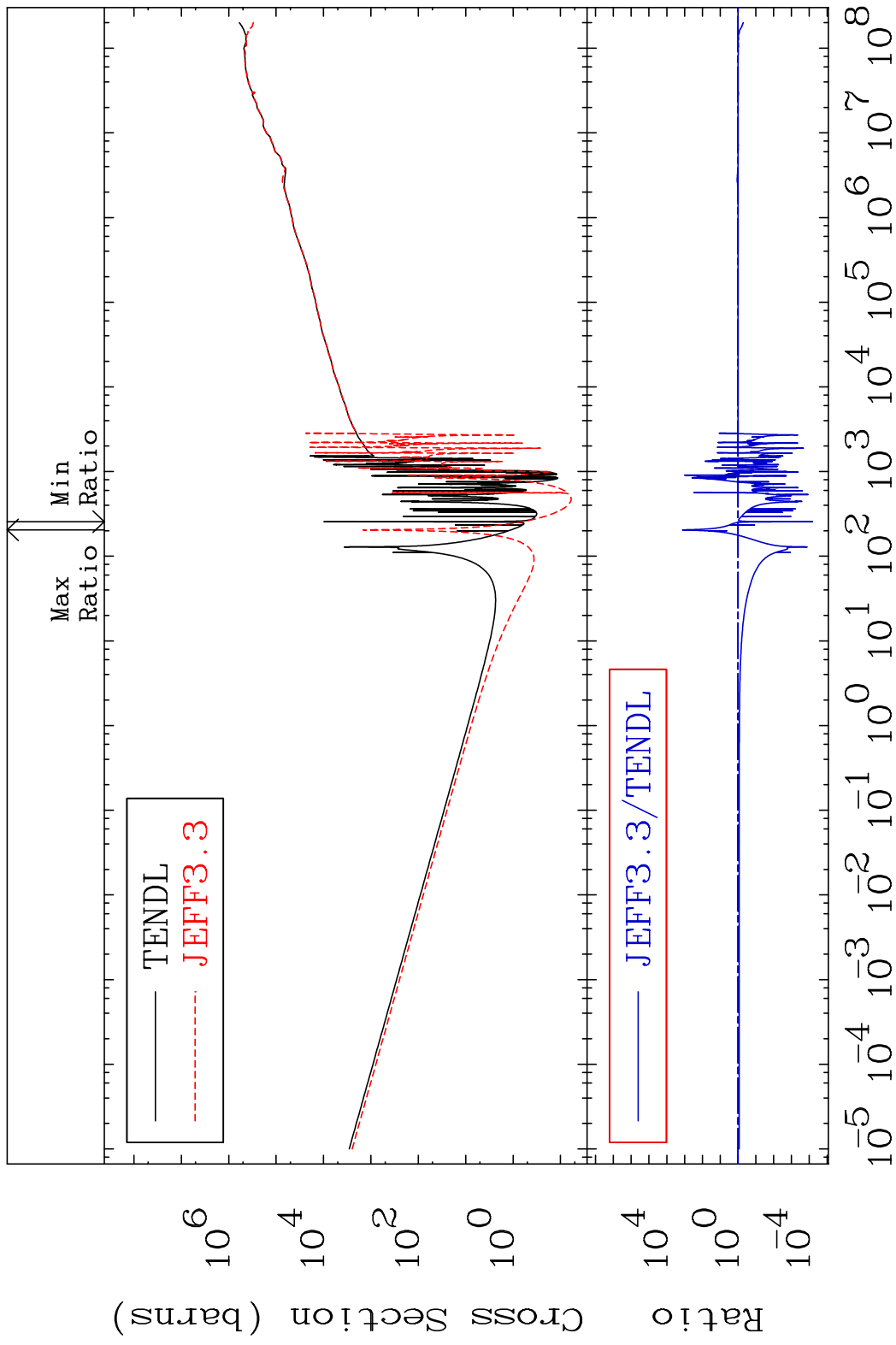


66 Incident Energy (eV) 68-Er-172

MAT 6855 Total kinematic kerma (high limit) 68-Er-172
 Cross Section -100.0 To 9995. %



MAT 6855 Dpa total (eV-barns) 68-Er-172
 Cross Section -99.99 To 9999. %

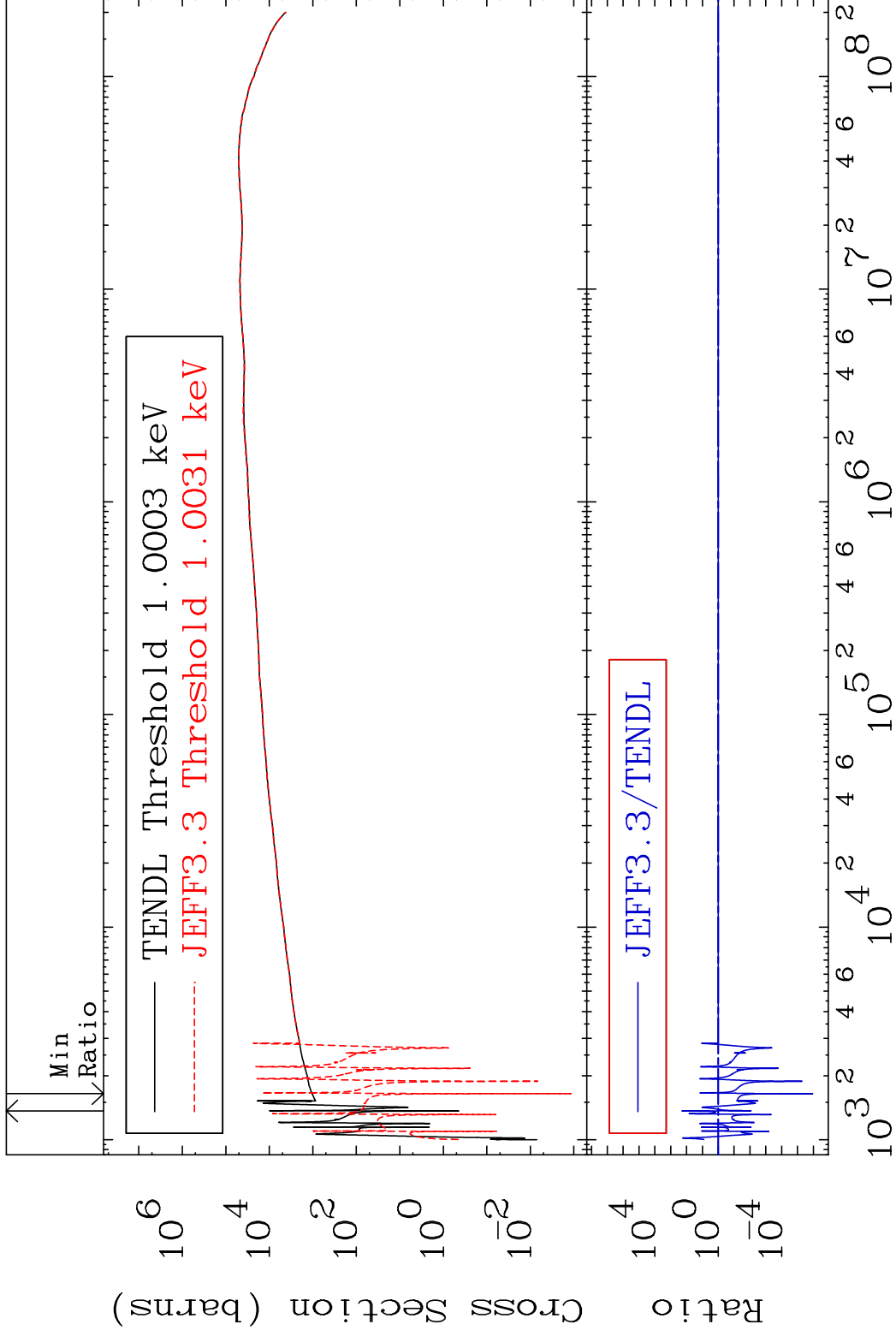


MAT 6855

Dpa elastic (mt2)

68-Er-172

Cross Section -100.0 To 9999. %



69

Incident Energy (eV)

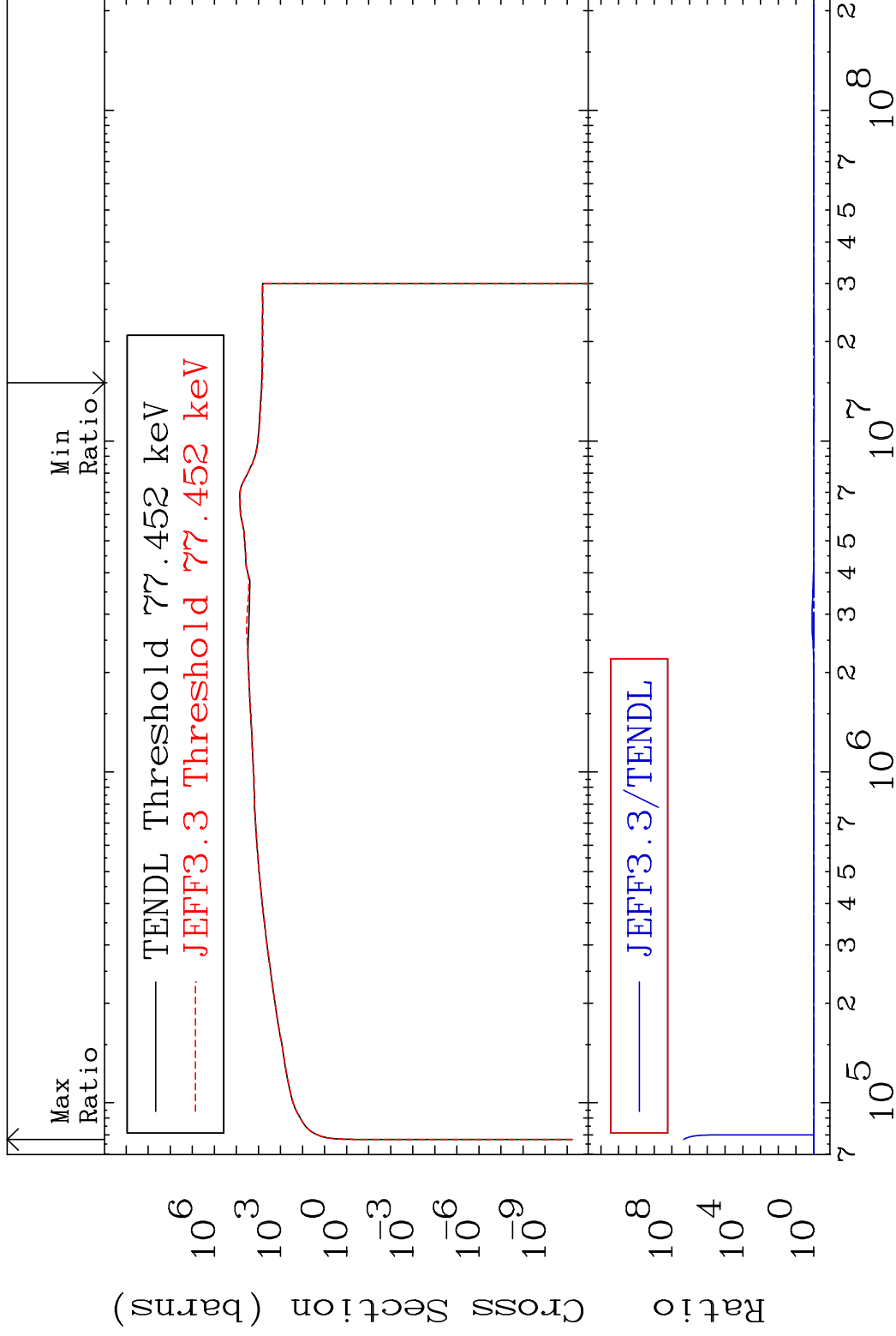
68-Er-172

MAT 6855

Dpa inelastic (mt51-91)

68-Er-172

Cross Section -4.915 To 9999. %

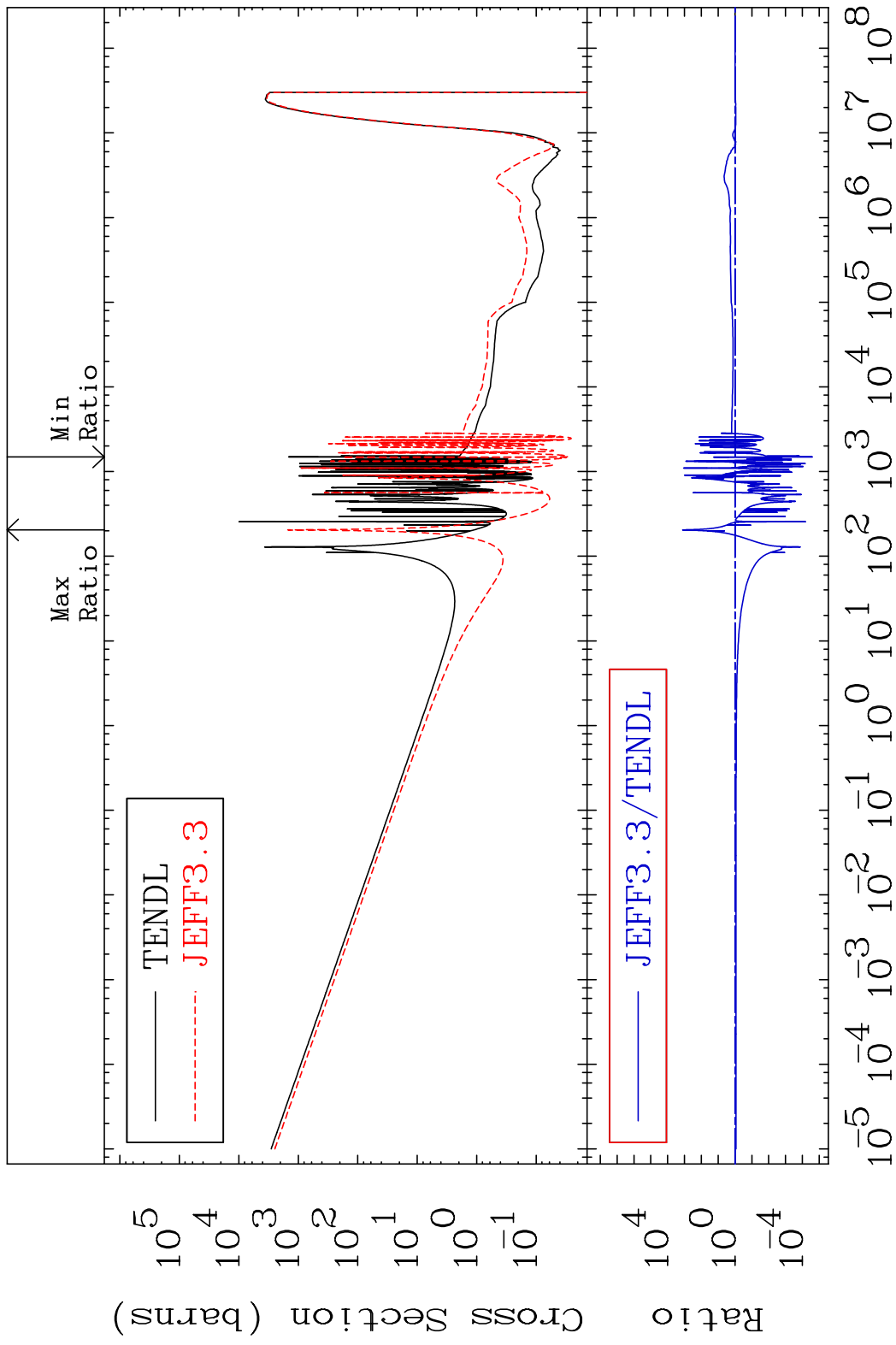


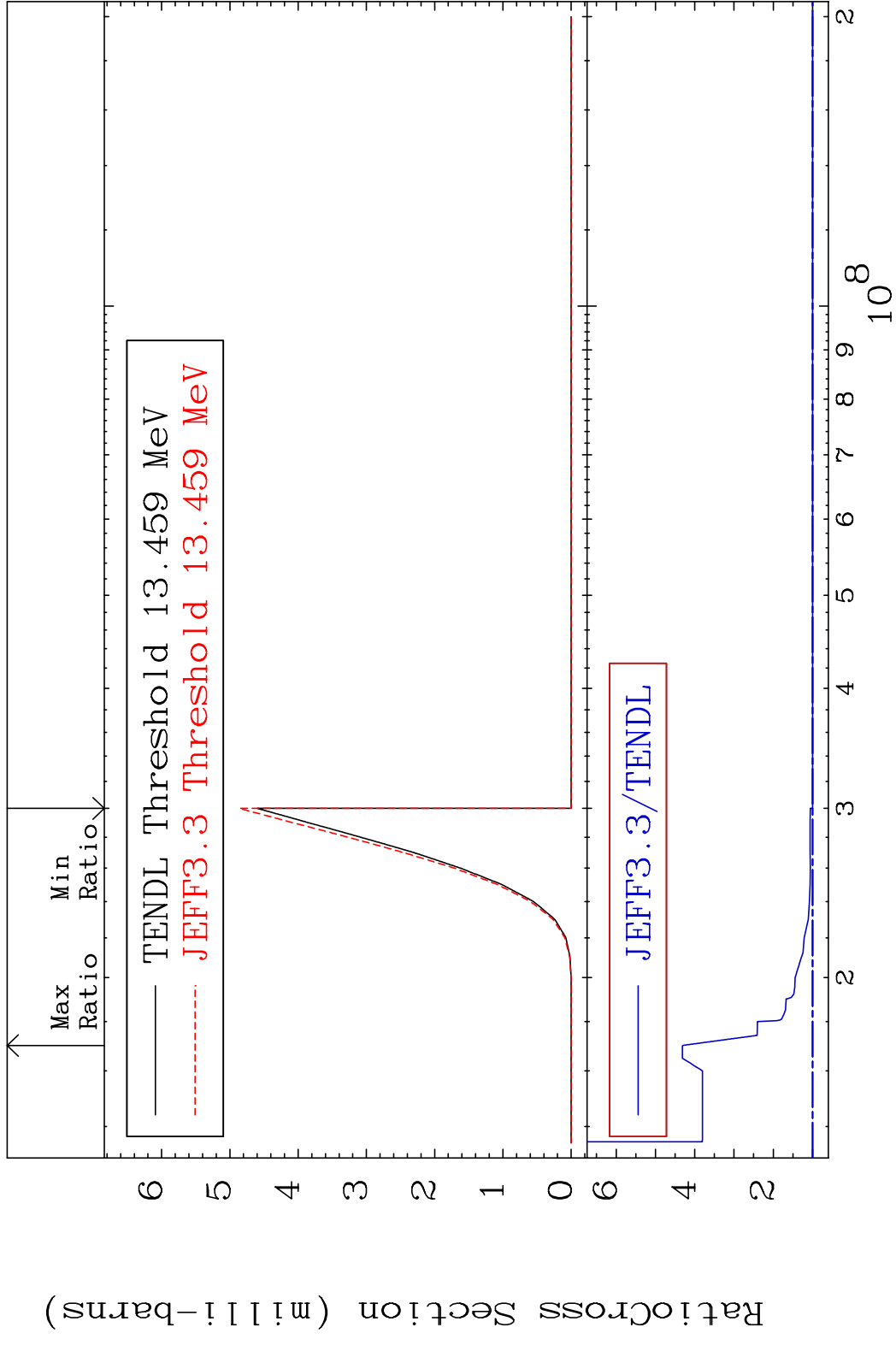
70

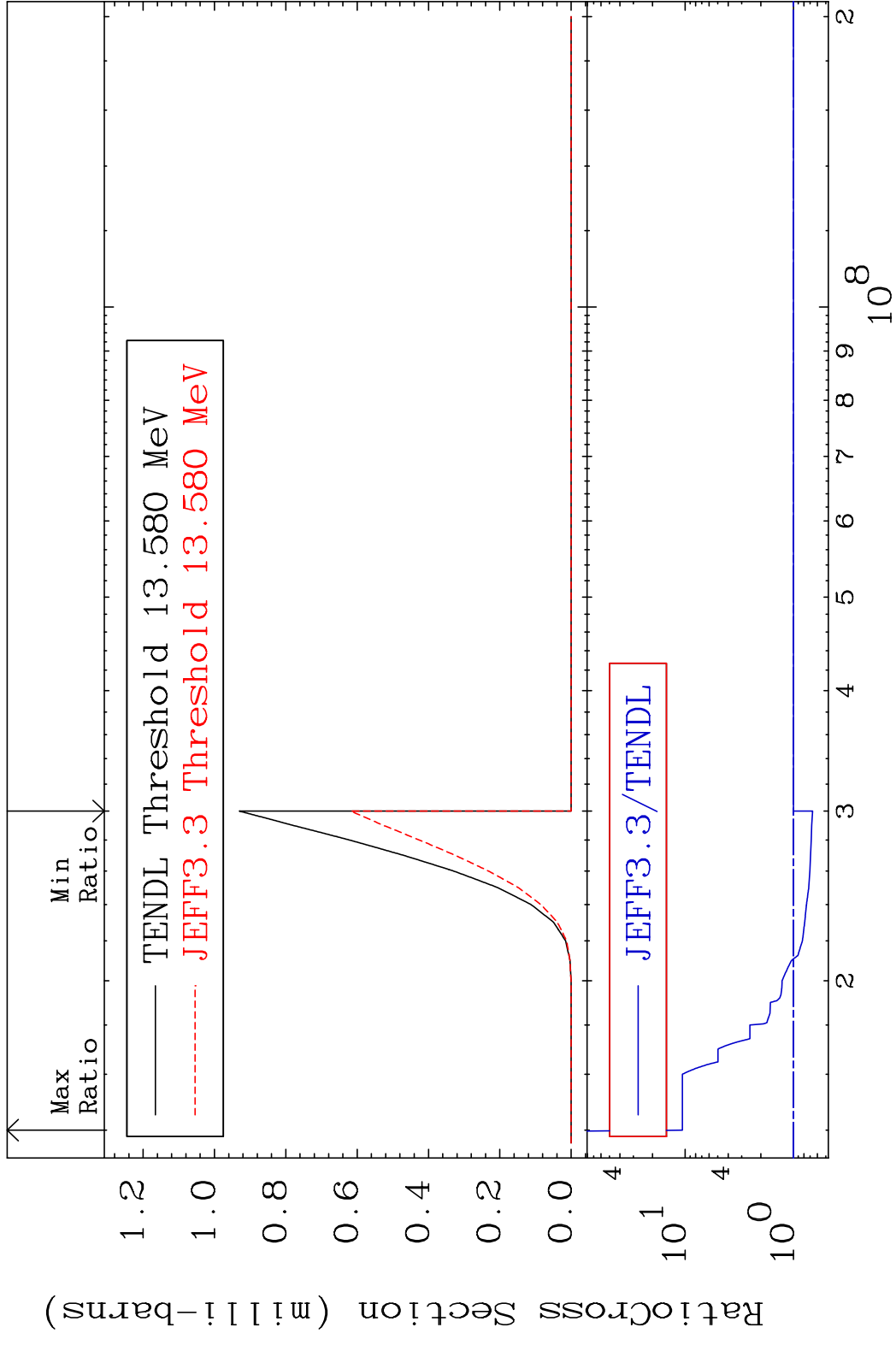
Incident Energy (eV)

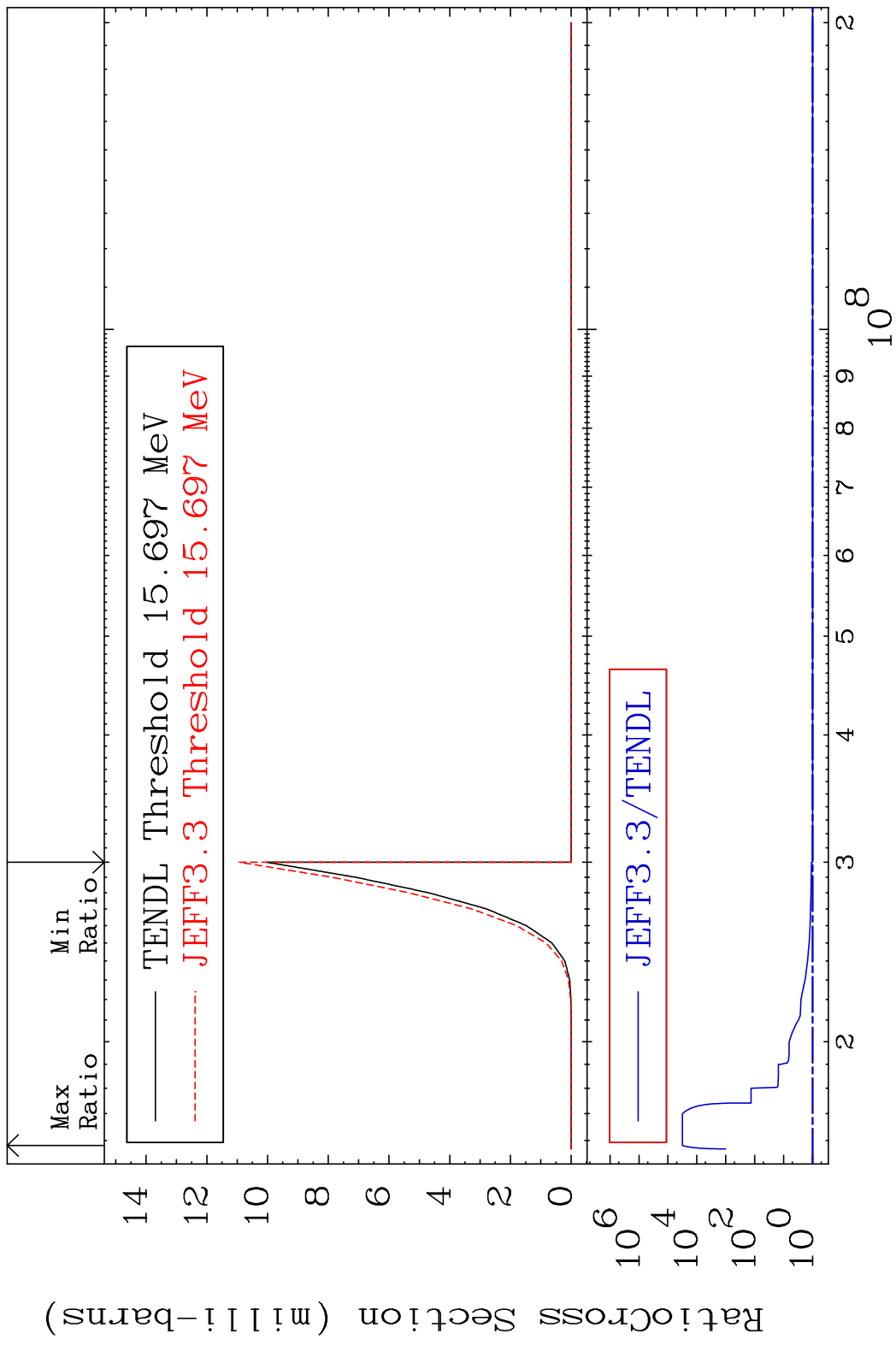
68-Er-172

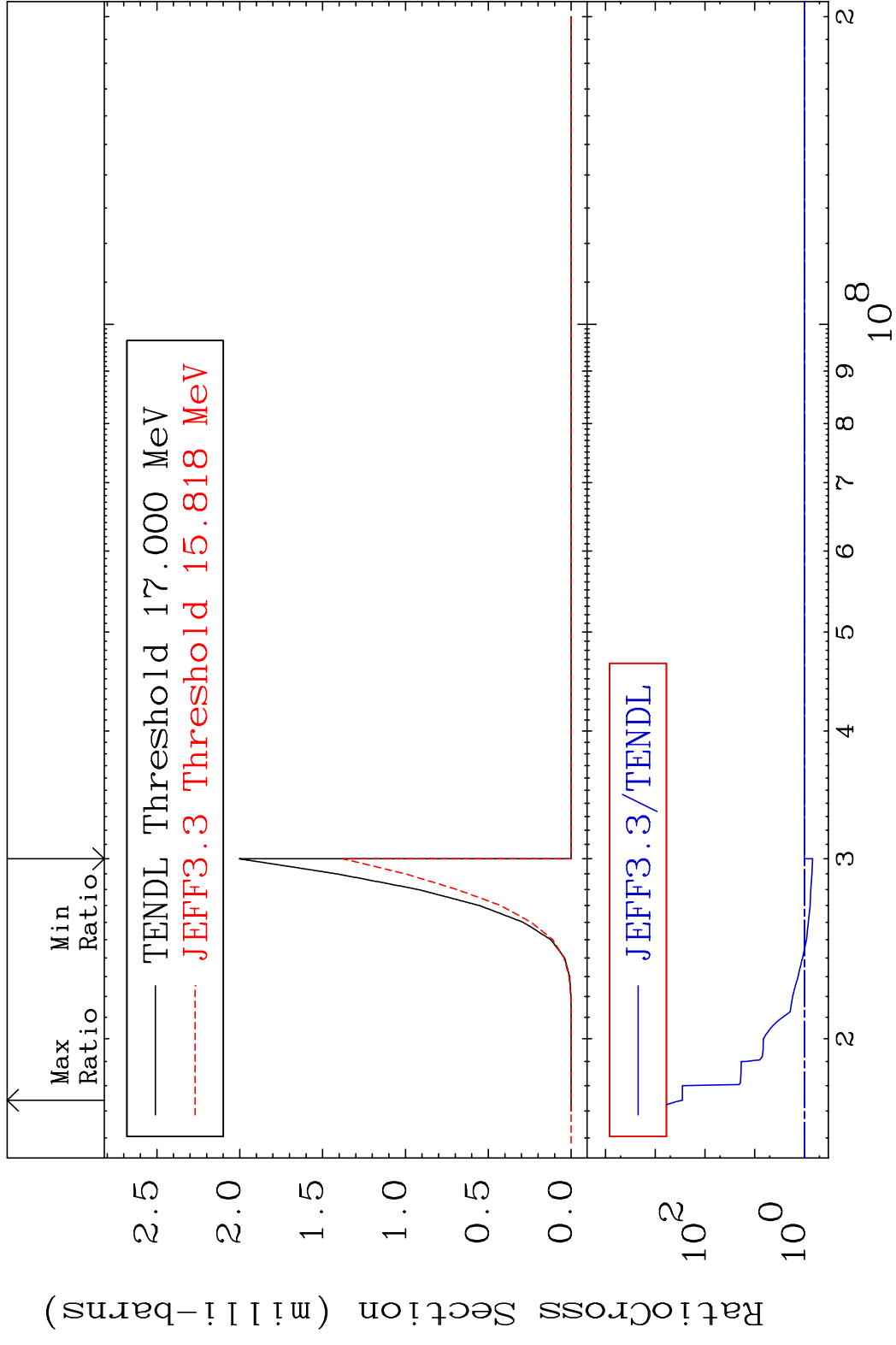
MAT 6855 Dpa disappearance (mt102 -120) 68-Er-172
 Cross Section -100.0 To 9999. %



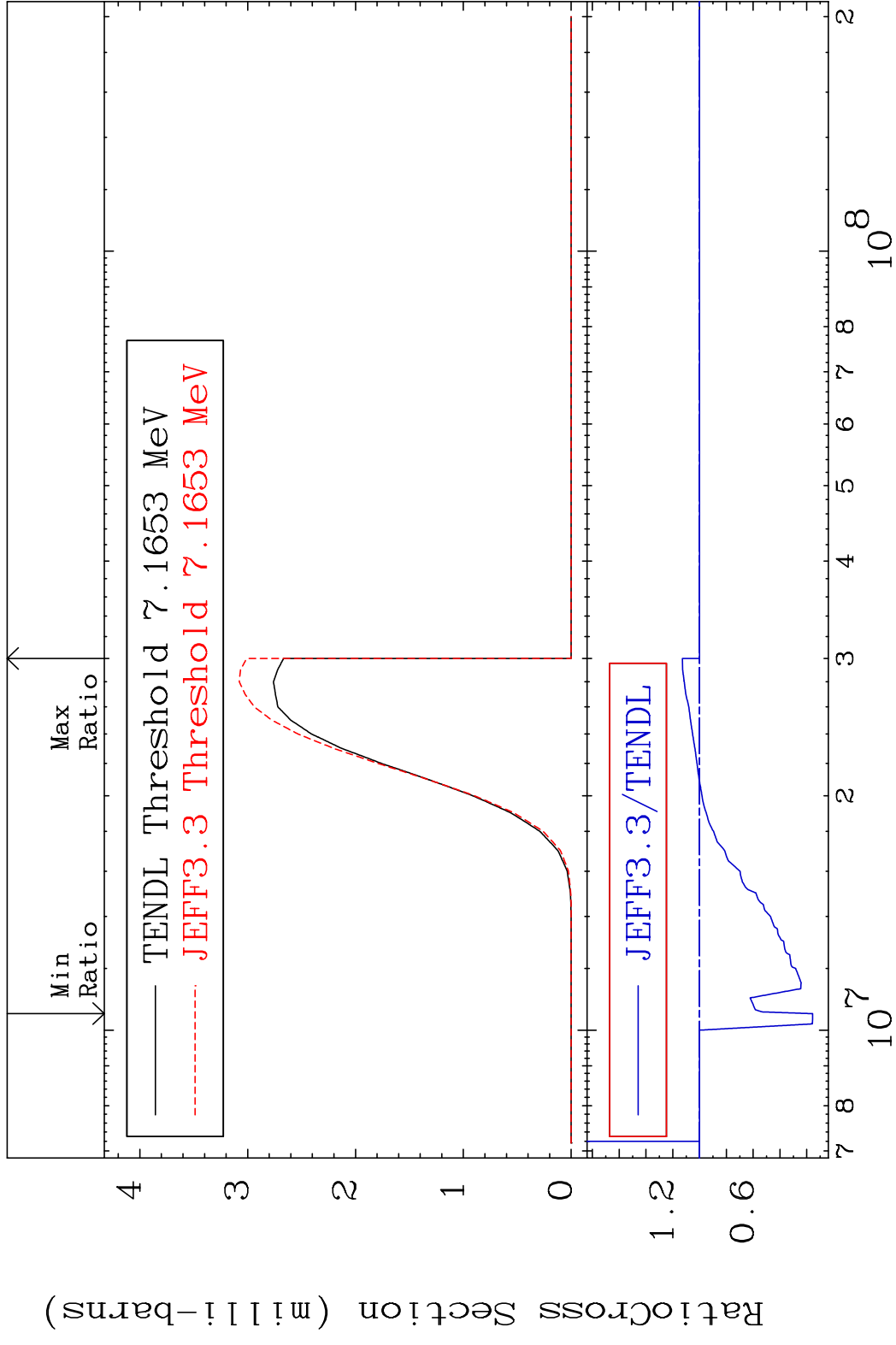








MAT 6855 (n, t):67-Ho-170g 68-Er-172
 Radionuclide Production Cross Section 8.34 dth 12.85 %



76 Incident Energy (eV) 68-Er-172

MAT 6855 (n, t): 67-Ho-170m1 68-Er-172
 Radionuclide Production Cross Section 0.142 %

