

Program Complot
(Version 2021-1)

by

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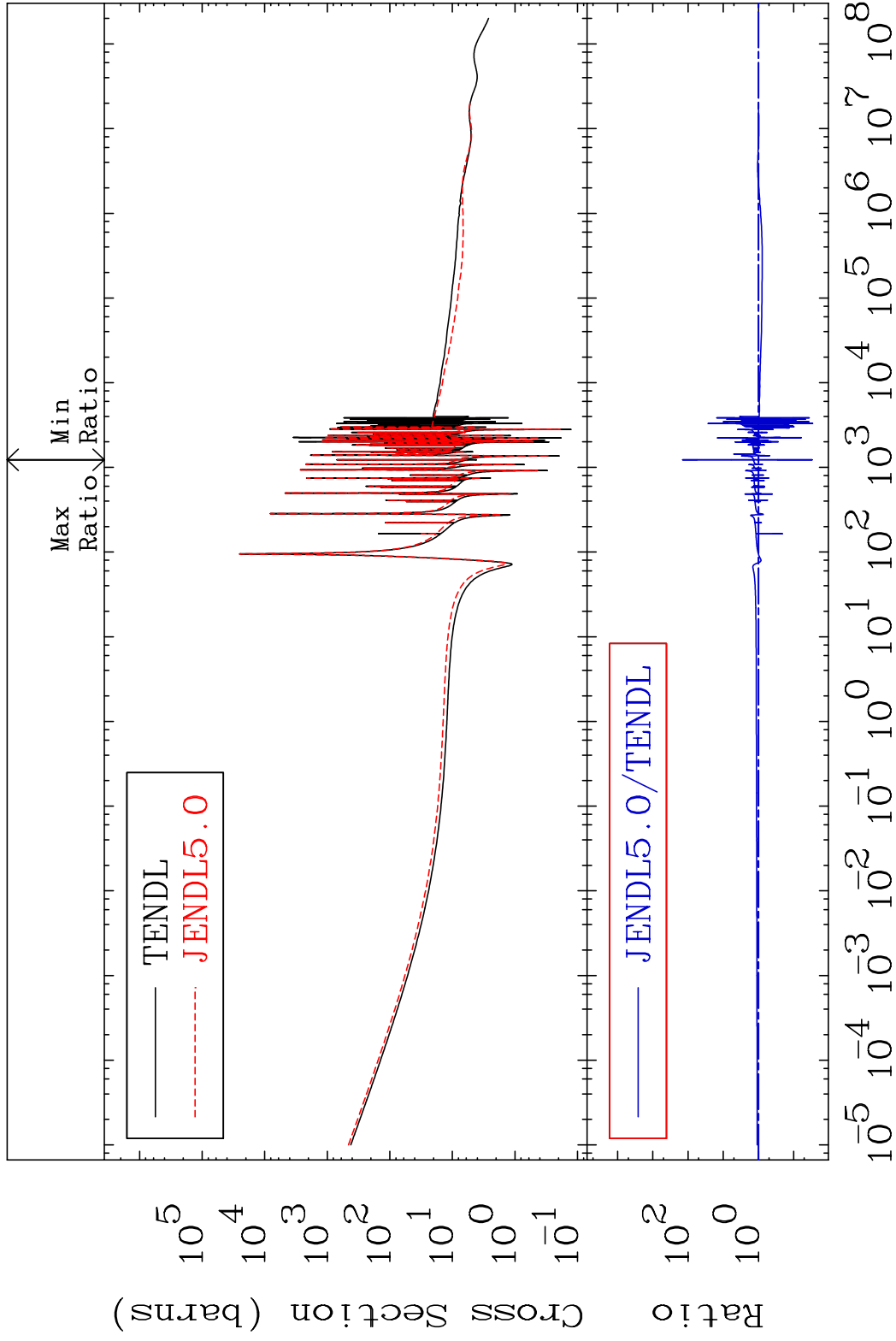
Press Mouse Button to Start

MAT 6849

Total

68-Er-170

Cross Section -97.09 To 9999. %



1

Incident Energy (eV)

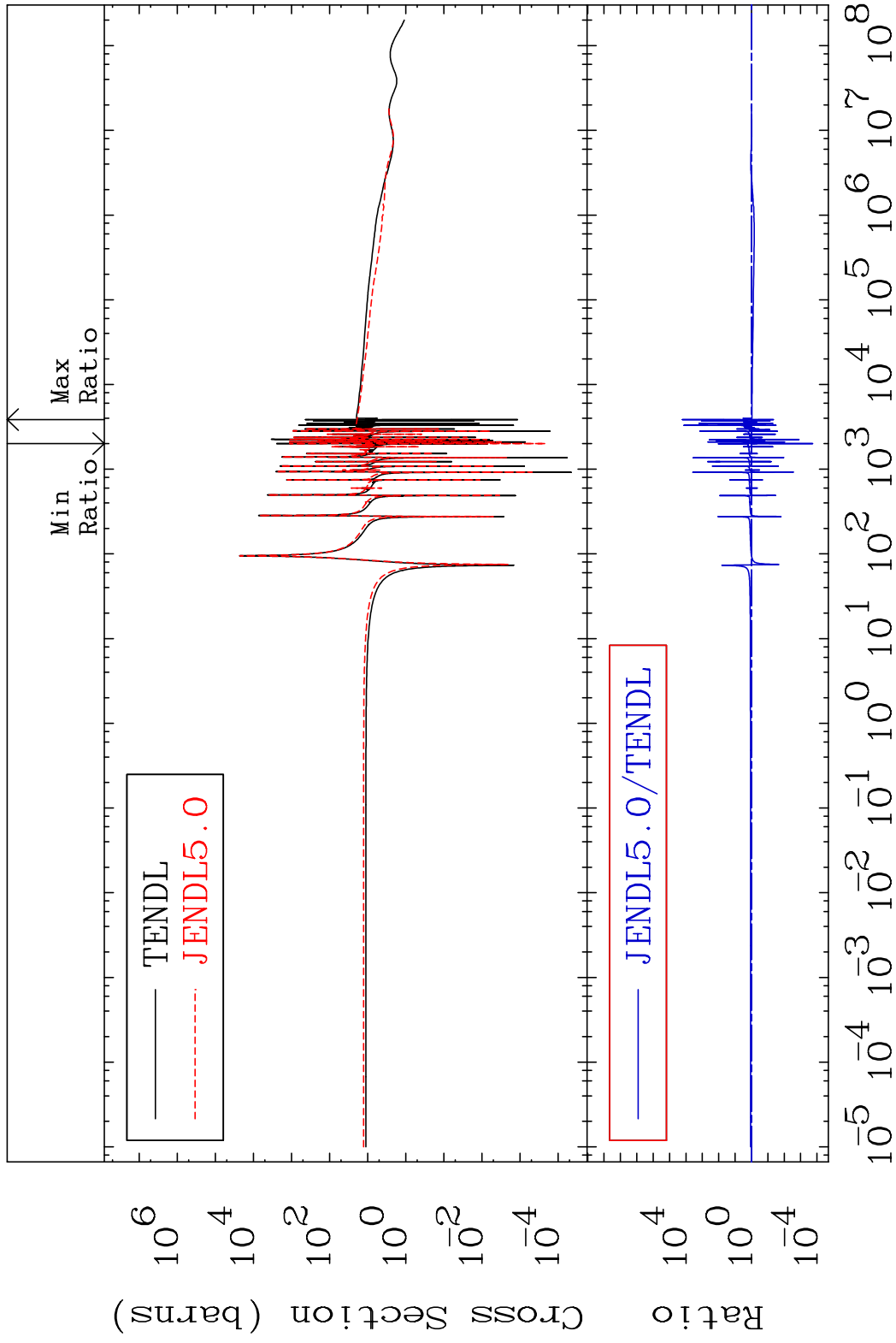
68-Er-170

MAT 6849

Elastic

68-Er-170

Cross Section -99.98 To 9999. %

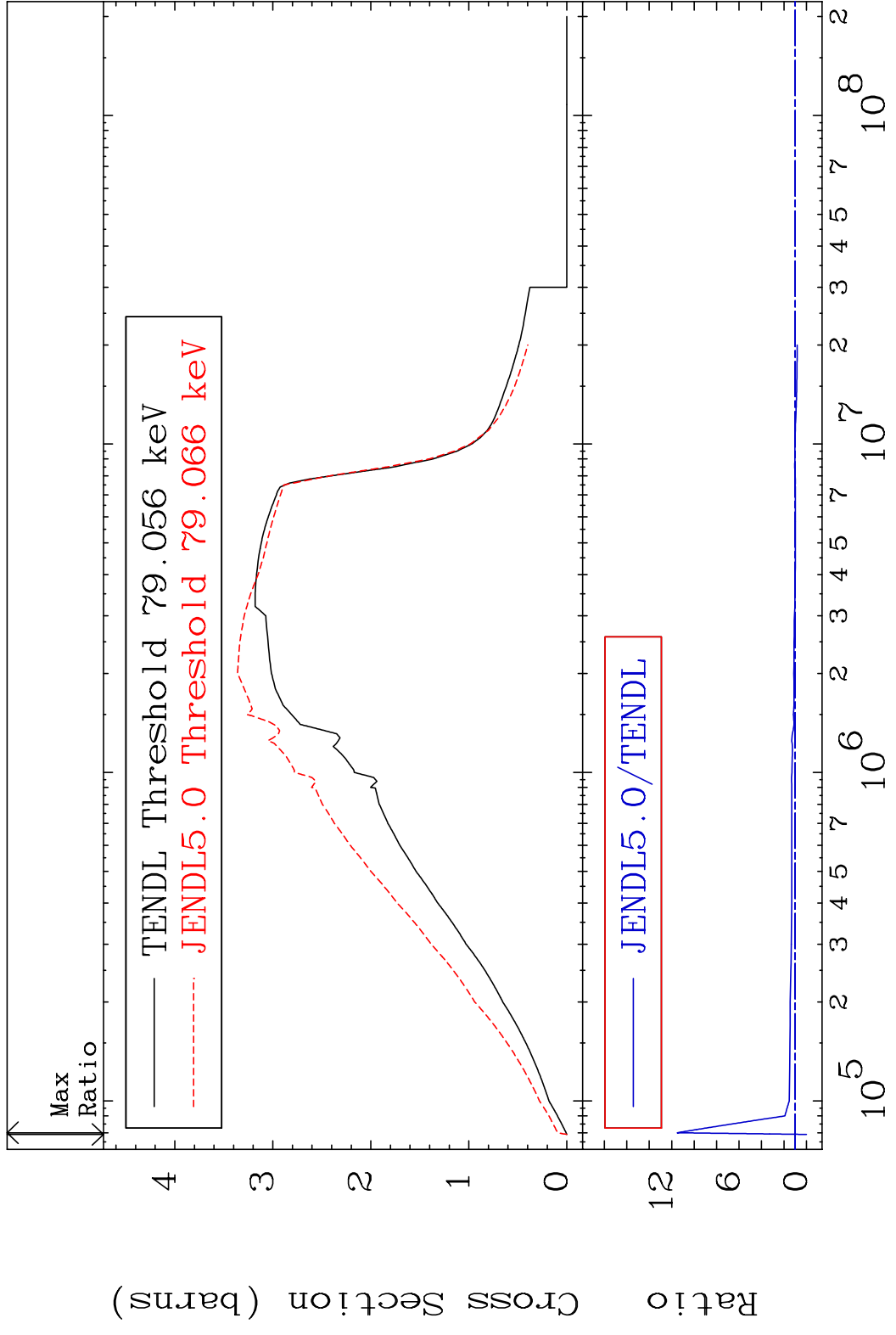


2

Incident Energy (eV)

68-Er-170

MAT 6849 Inelastic 68-Er-170
Cross Section -100.0 To 1051. %



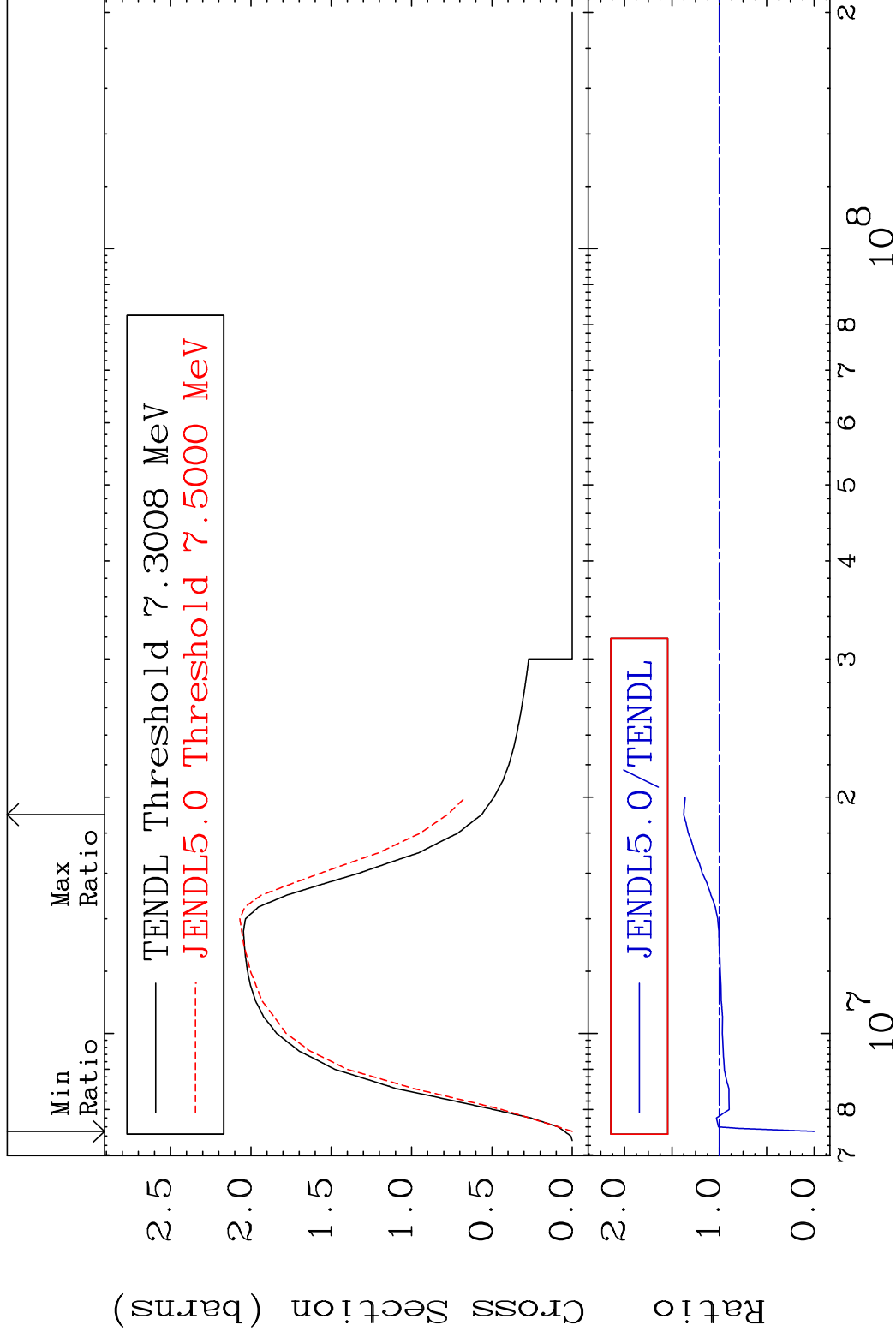
3 2 1 0 12 6 0 2 3 4 5 6 7 8 10⁵ 10⁶ 10⁷ 10⁸ 68-Er-170

MAT 6849

(n,2n)

68-Er-170

Cross Section -100.0 To 37.64 %



4

Incident Energy (eV)

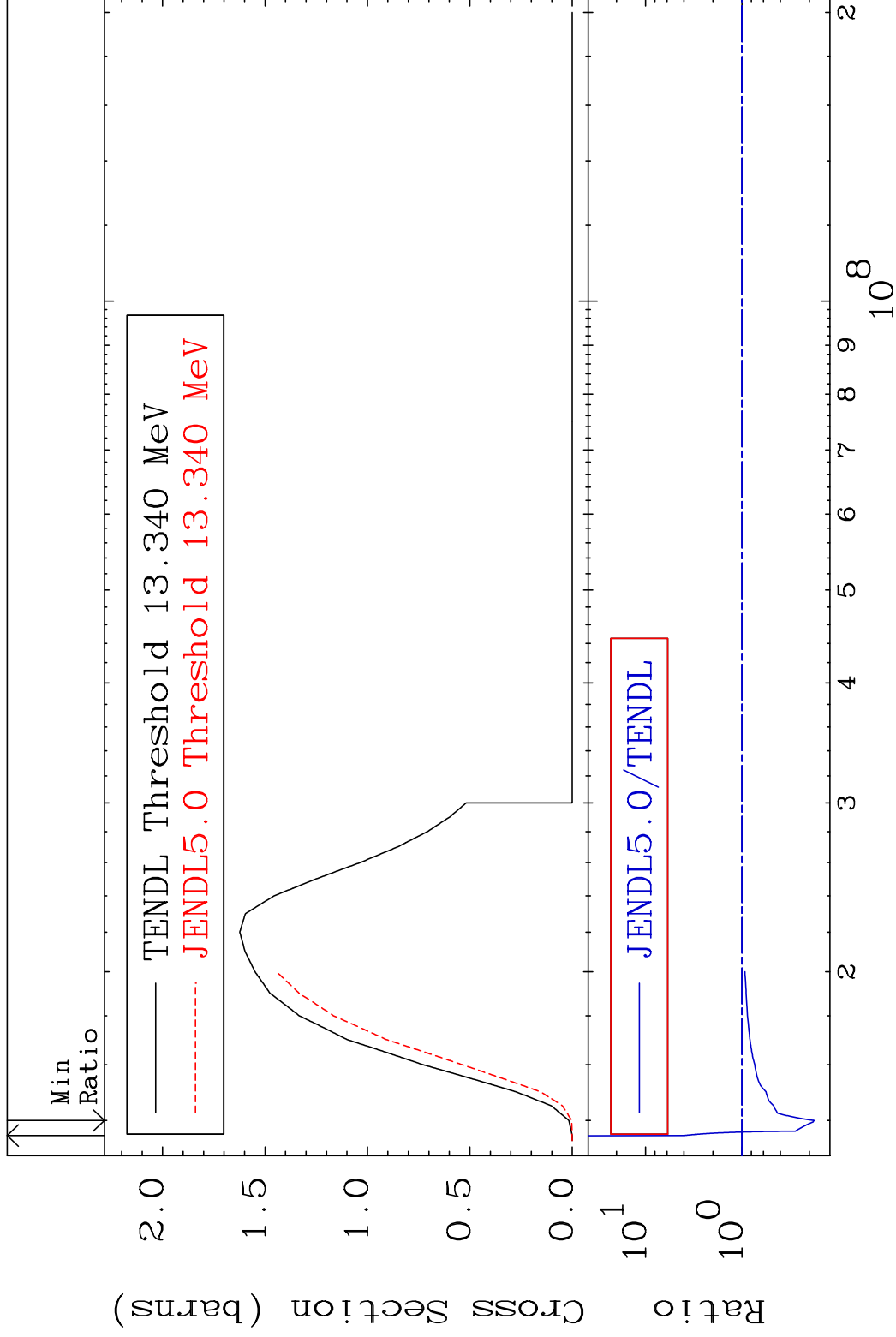
68-Er-170

MAT 6849

(n,3n)

68-Er-170

Cross Section -82.16 To 302.3 %



5

Incident Energy (eV)

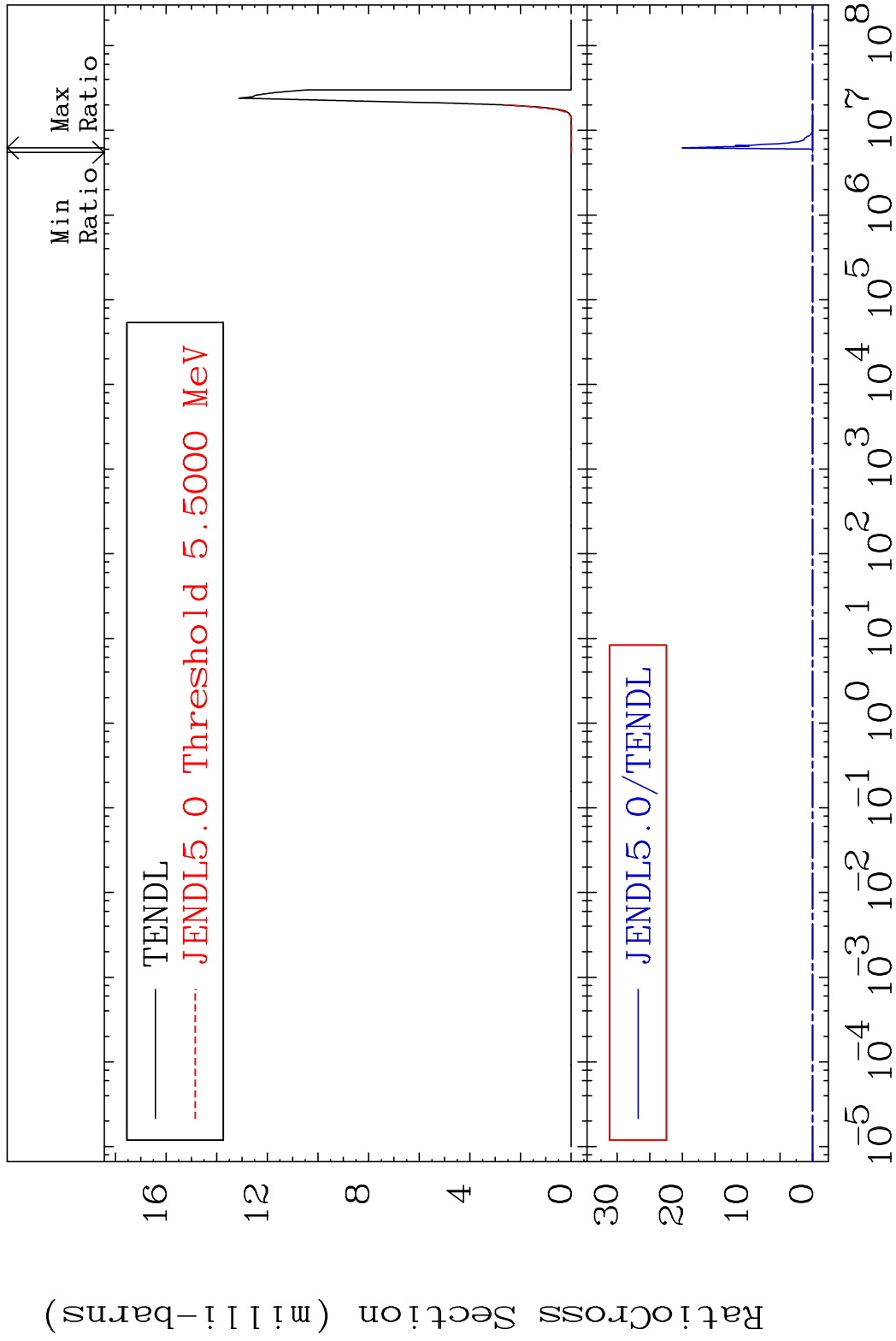
68-Er-170

MAT 6849

(n, n') α

68-Er-170

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

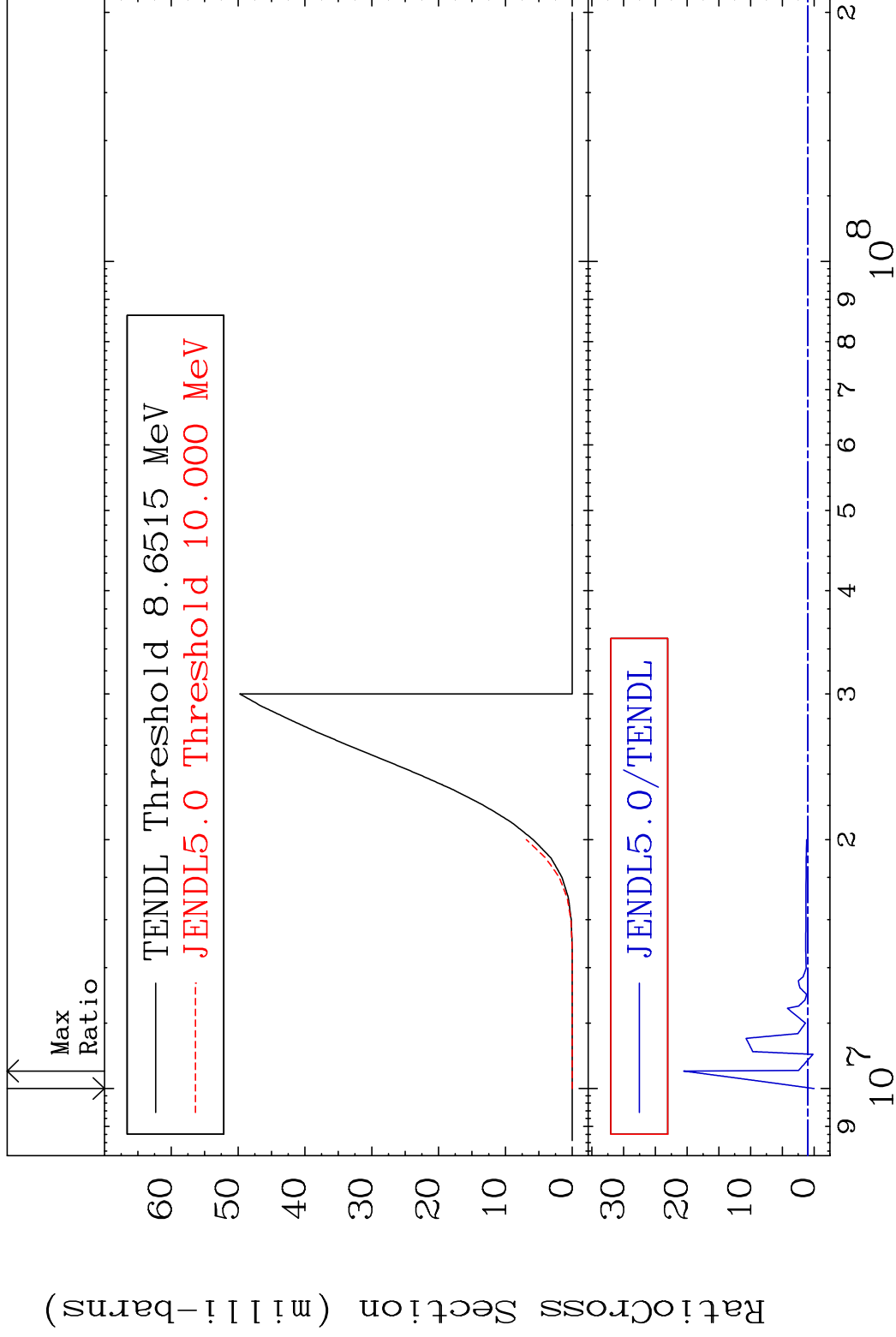
68-Er-170

MAT 6849

(n, n') p

68-Er-170

Cross Section -100.0 To 1955. %



7

Incident Energy (eV)

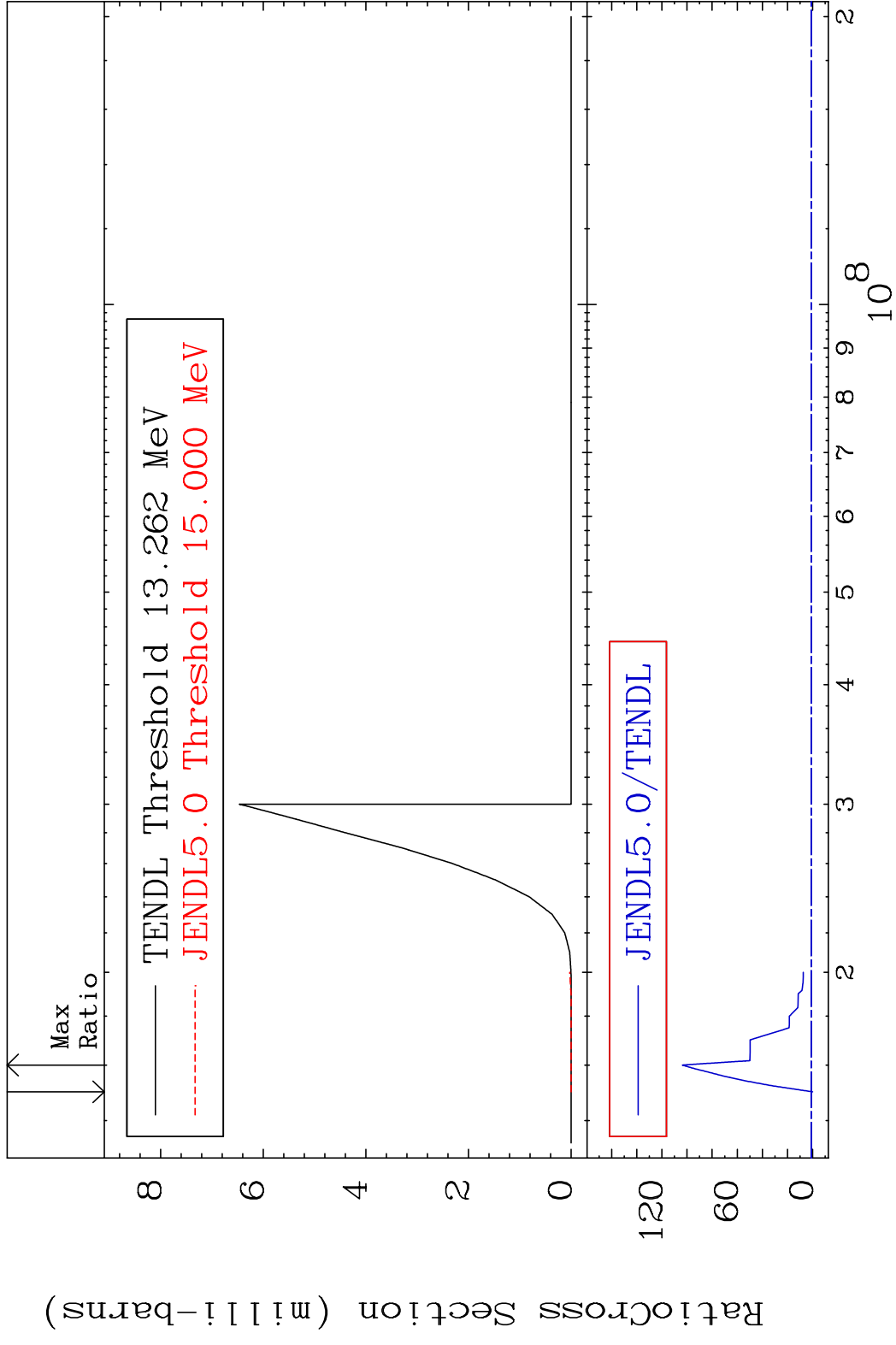
68-Er-170

MAT 6849

(n, n') d

68-Er-170

Cross Section -100.0 To 9999. %

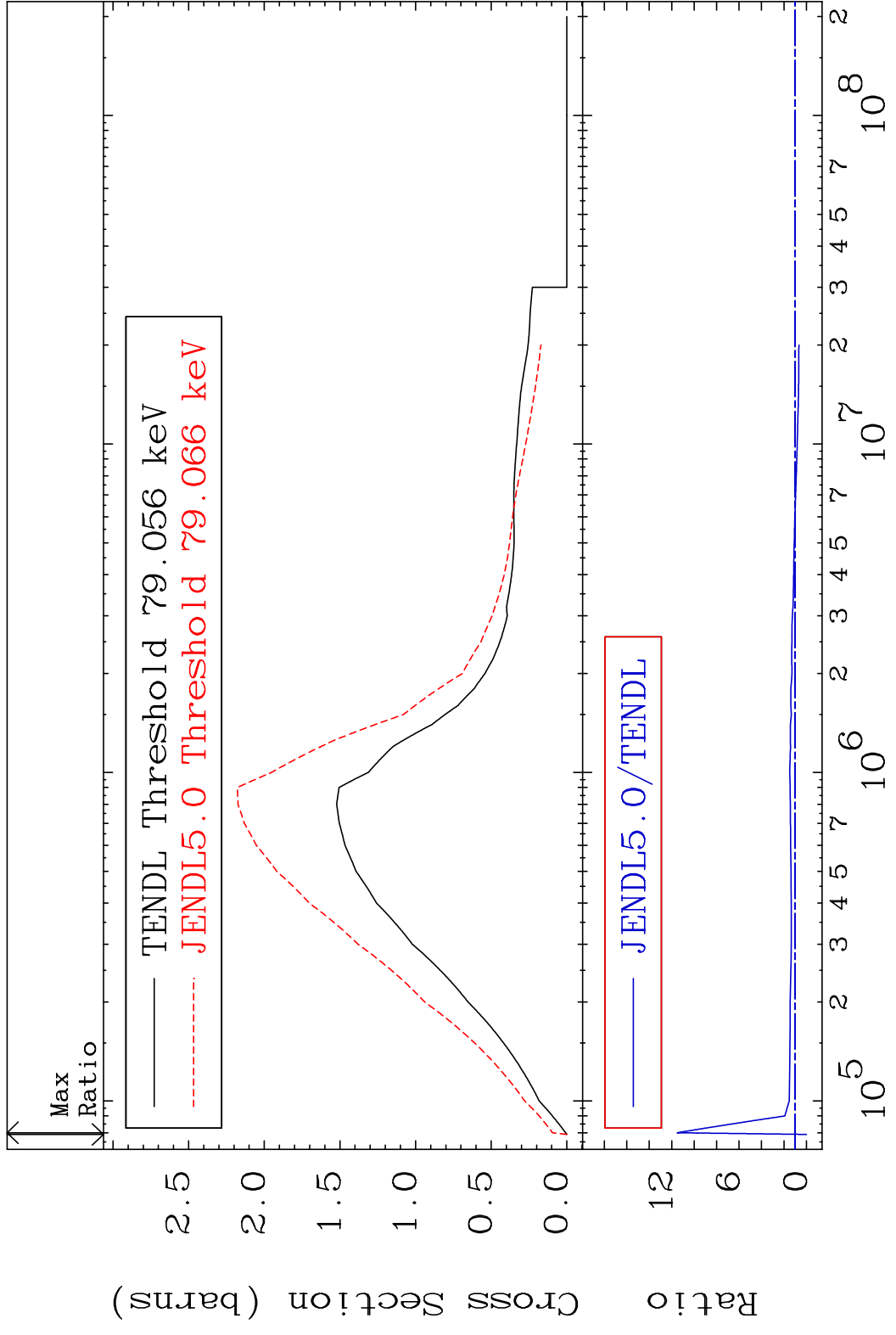


8

Incident Energy (eV)

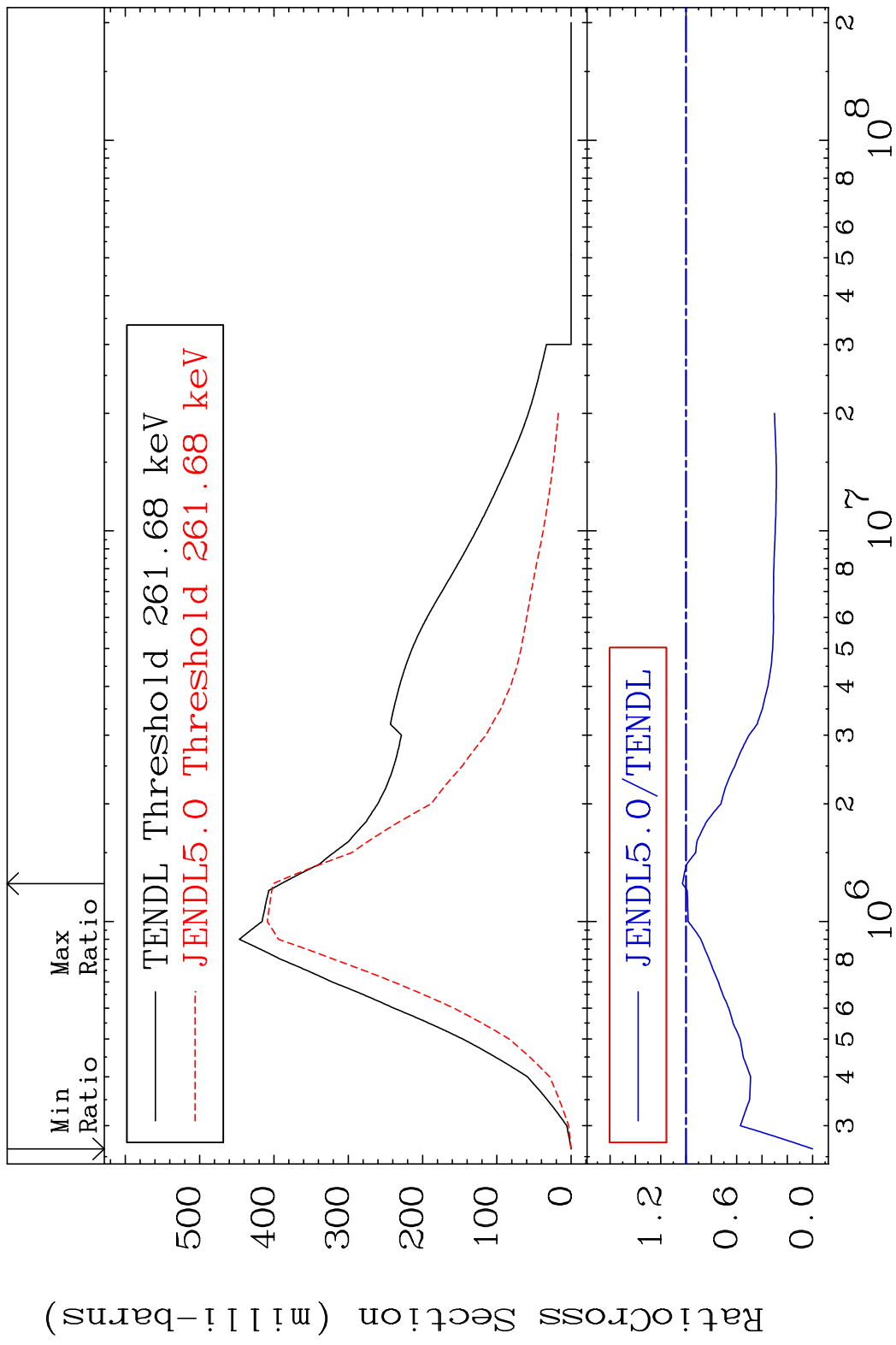
68-Er-170

MAT 6849 MT= 51 (n, n') Level 68-Er-170
 Cross Section -100.0 To 1051. %



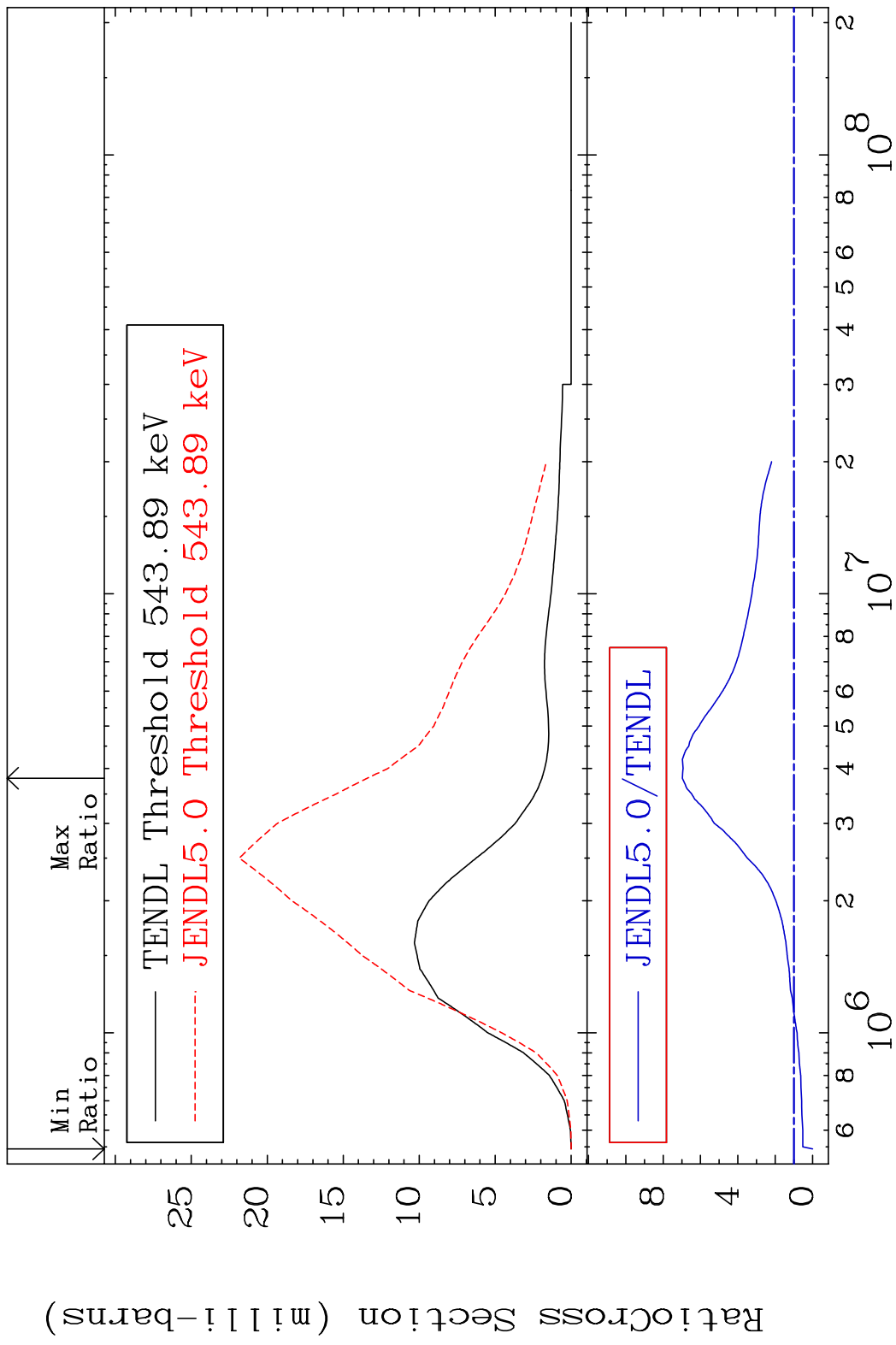
9 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 52 (n, n') Level 68-Er-170
 Cross Section -100.0 To 2.872 %

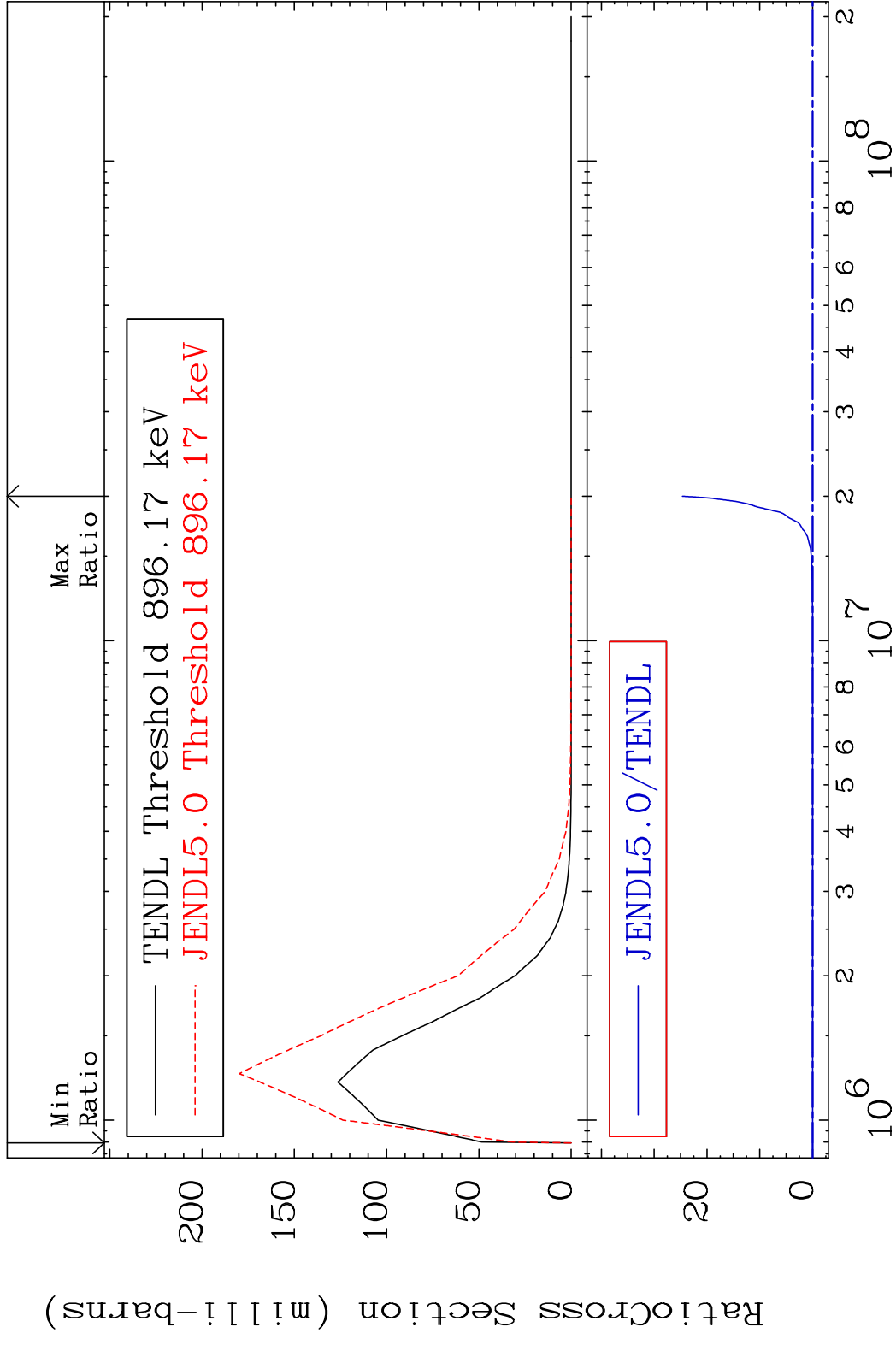


10 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 53 (n, n') Level 68-Er-170
 Cross Section -100.0 To 597.2 %

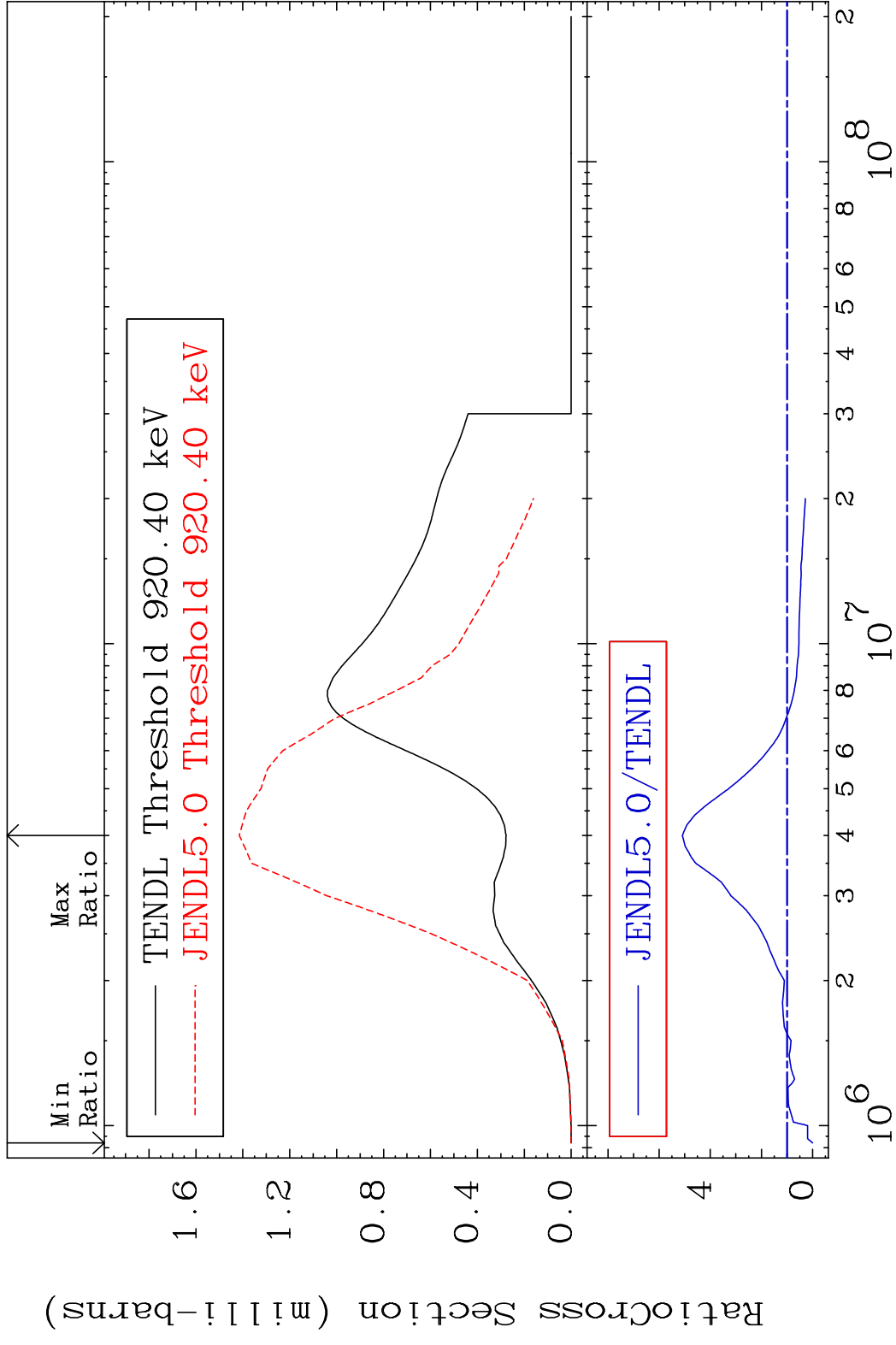


MAT 6849 MT= 54 (n, n') Level 68-Er-170
 Cross Section -100.0 To 9999. %



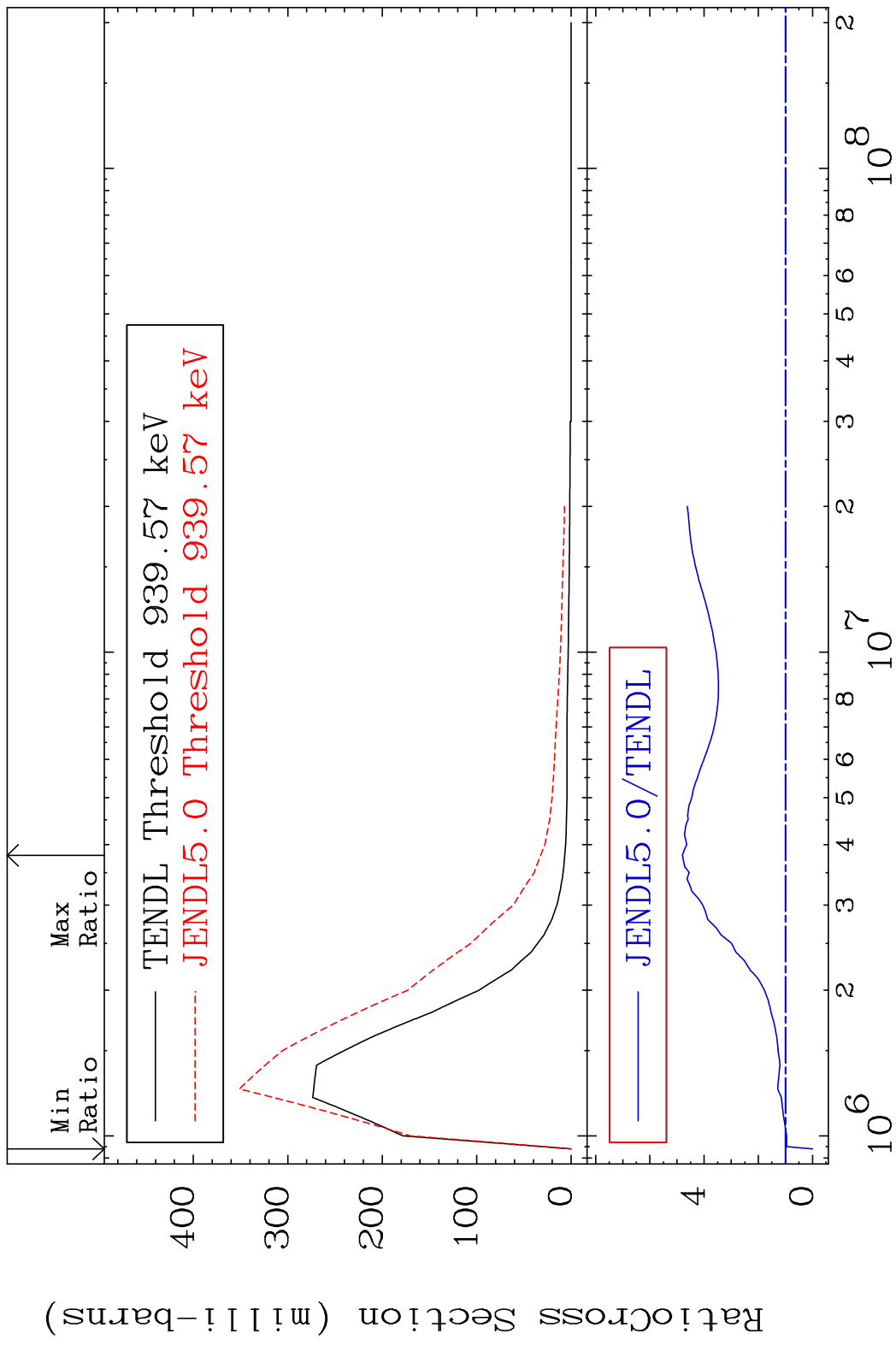
12 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 55 (n, n') Level 68-Er-170
 Cross Section -100.0 To 409.3 %



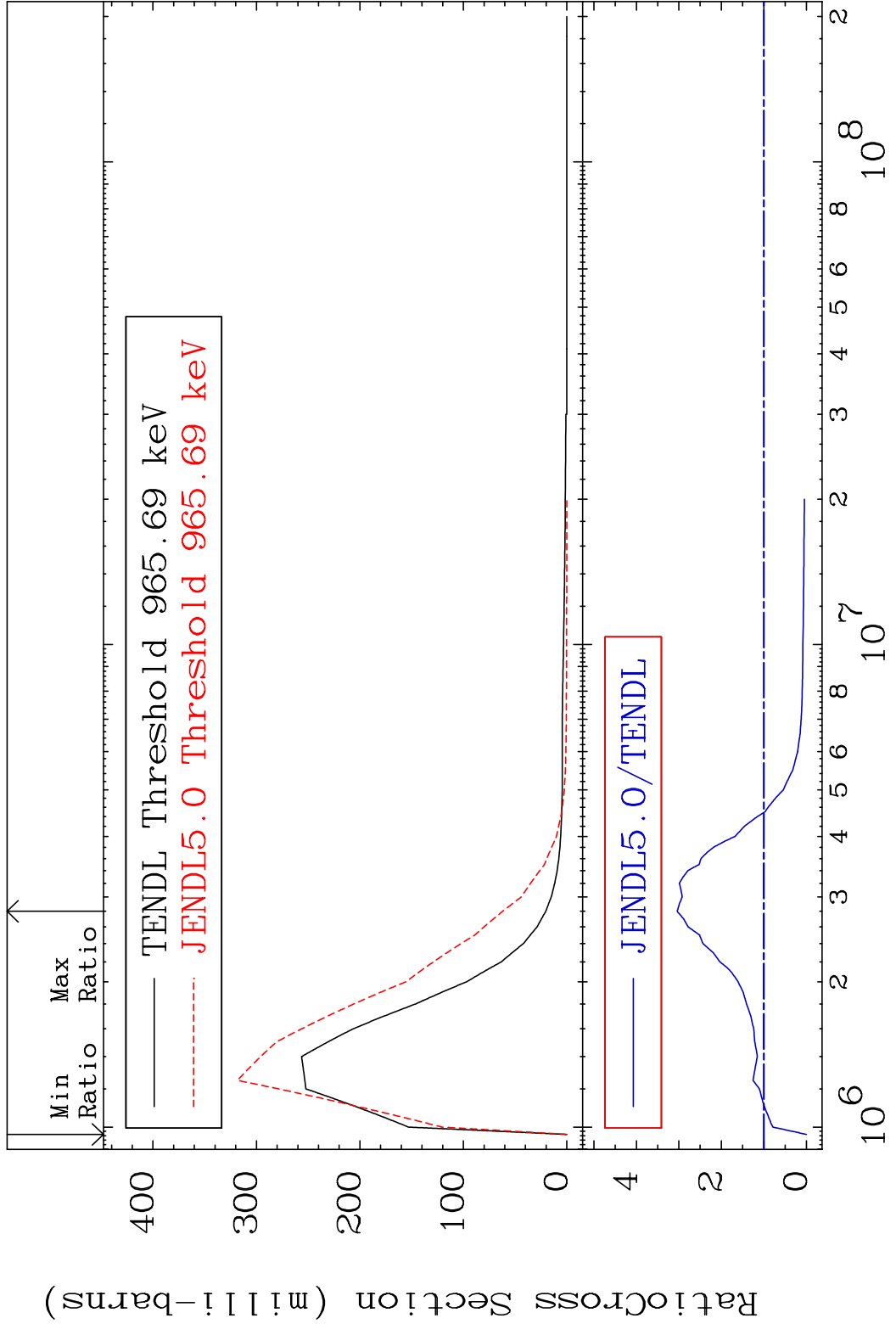
13 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 56 (n, n') Level 68-Er-170
 Cross Section -100.0 To 380.2 %



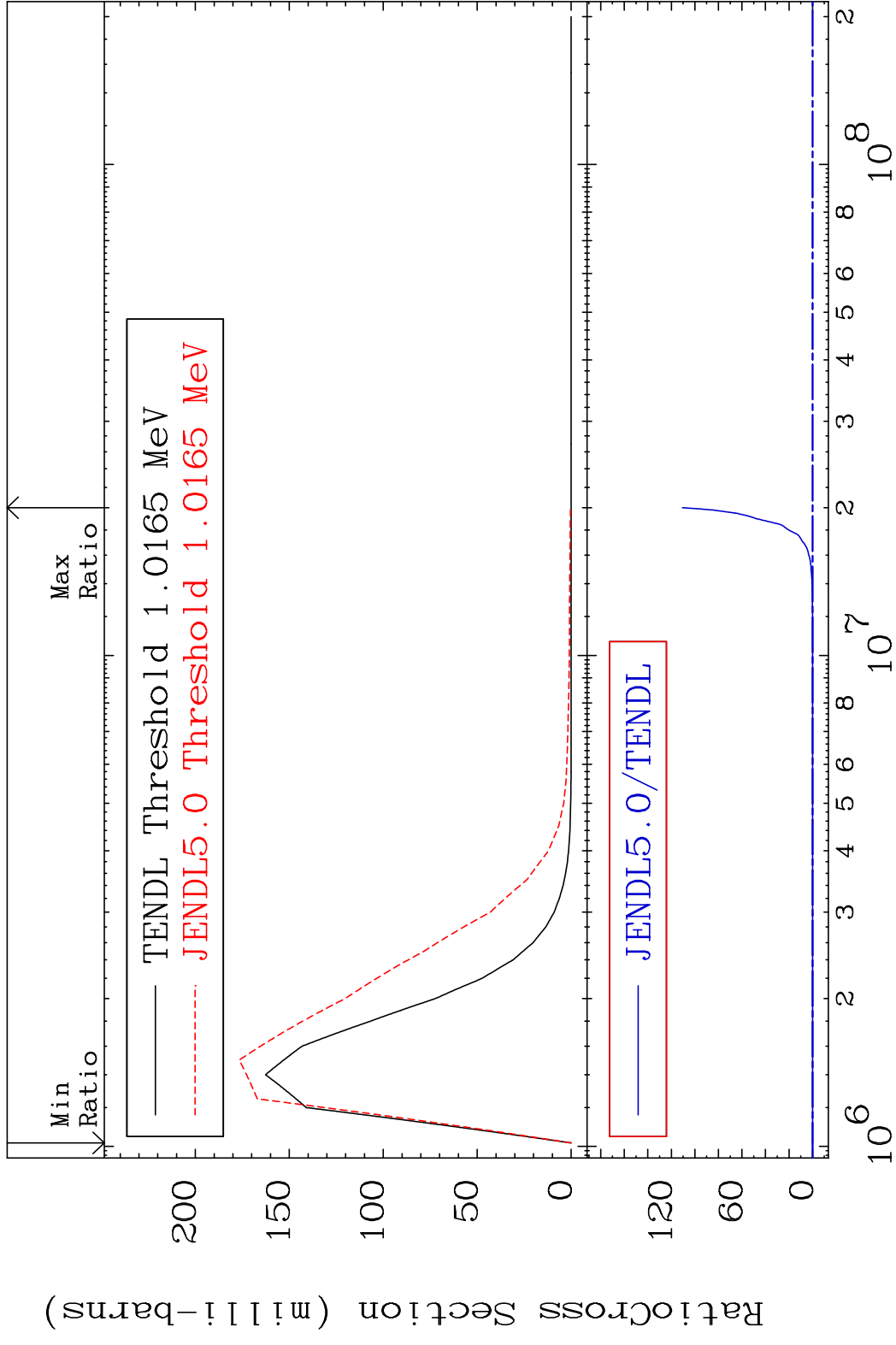
14 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 57 (n, n') Level 68-Er-170
 Cross Section -100.0 To 204.0 %



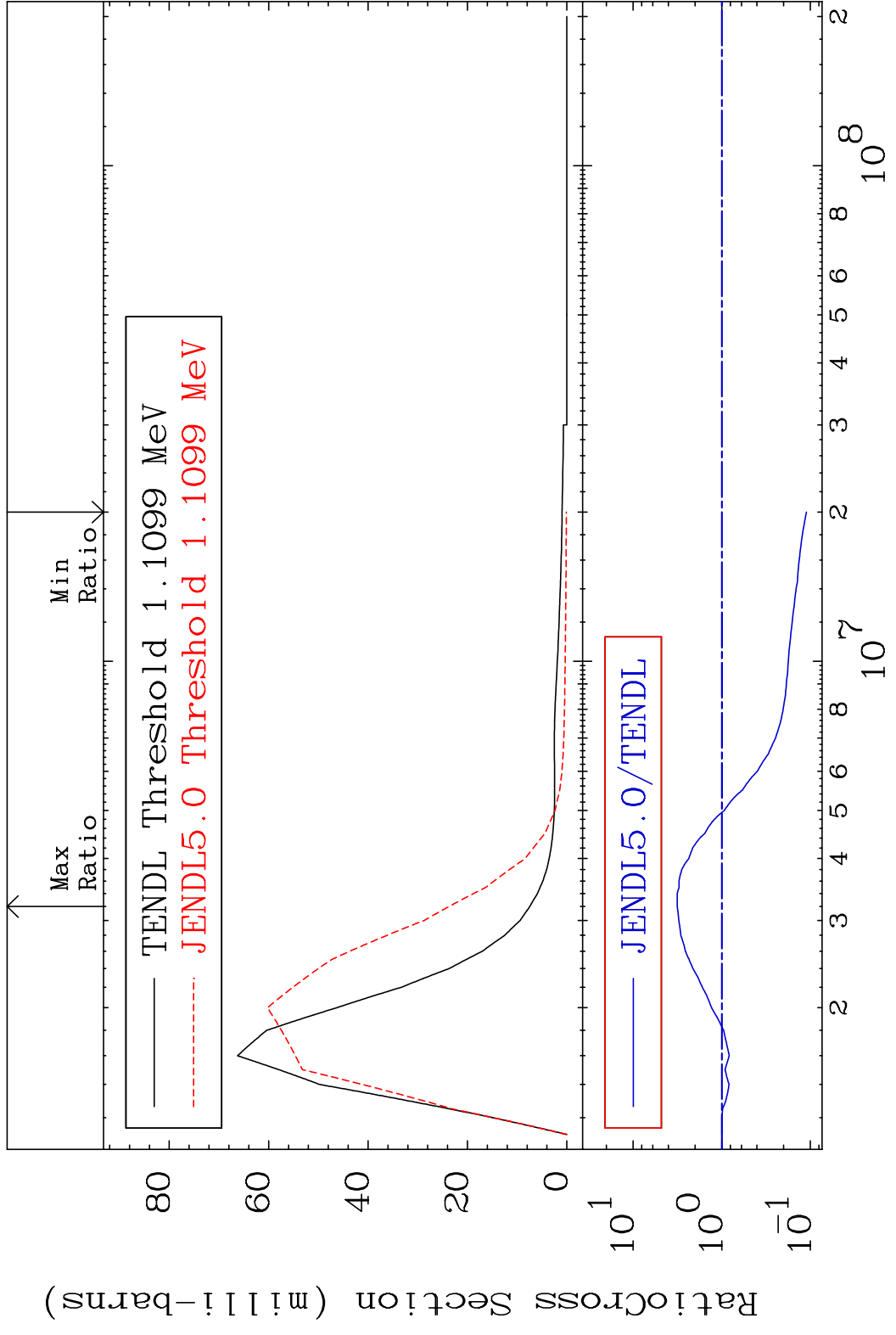
15 Incident Energy (eV) 68-Er-170

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

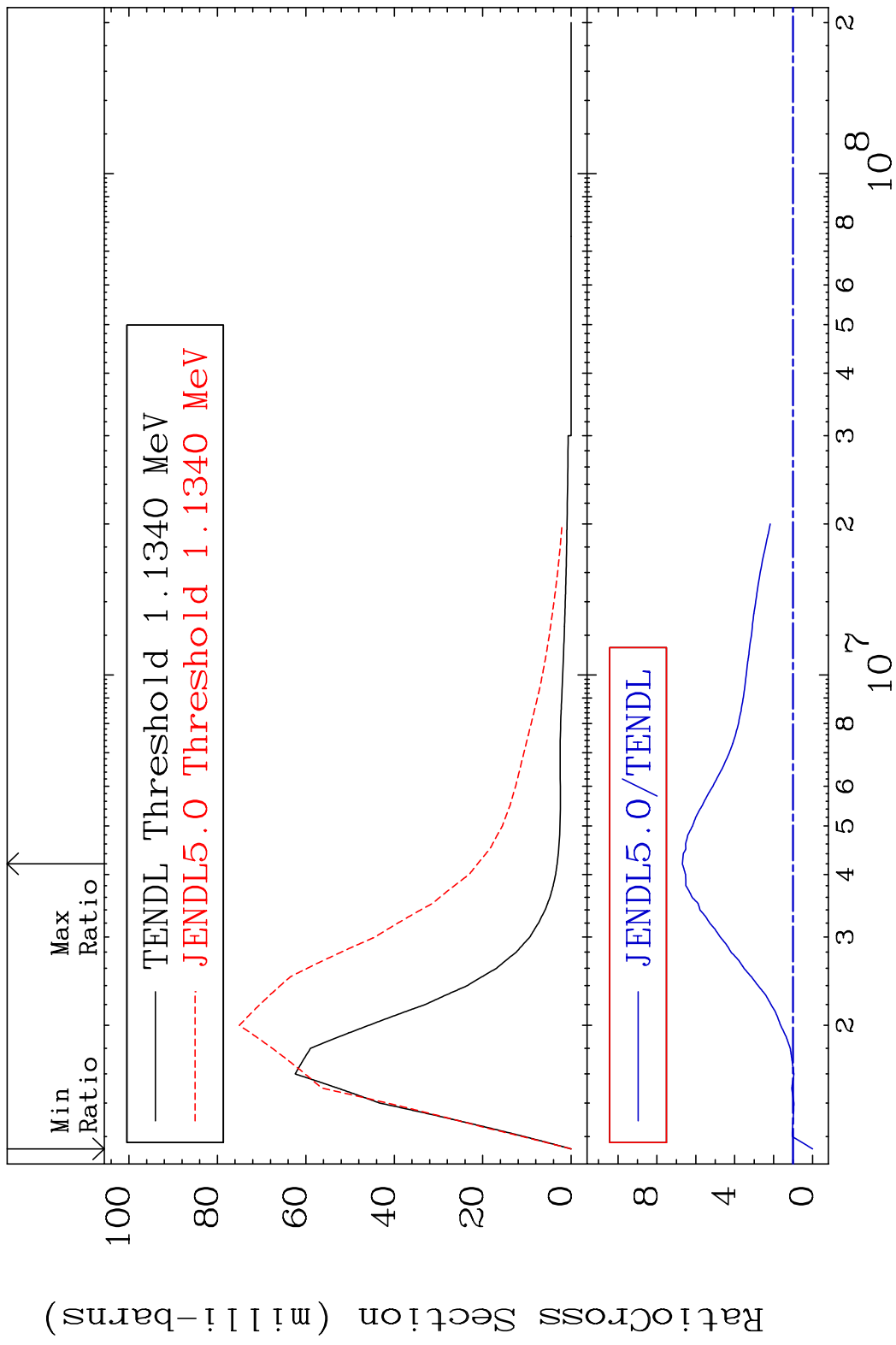


16 Incident Energy (eV) 68-Er-170

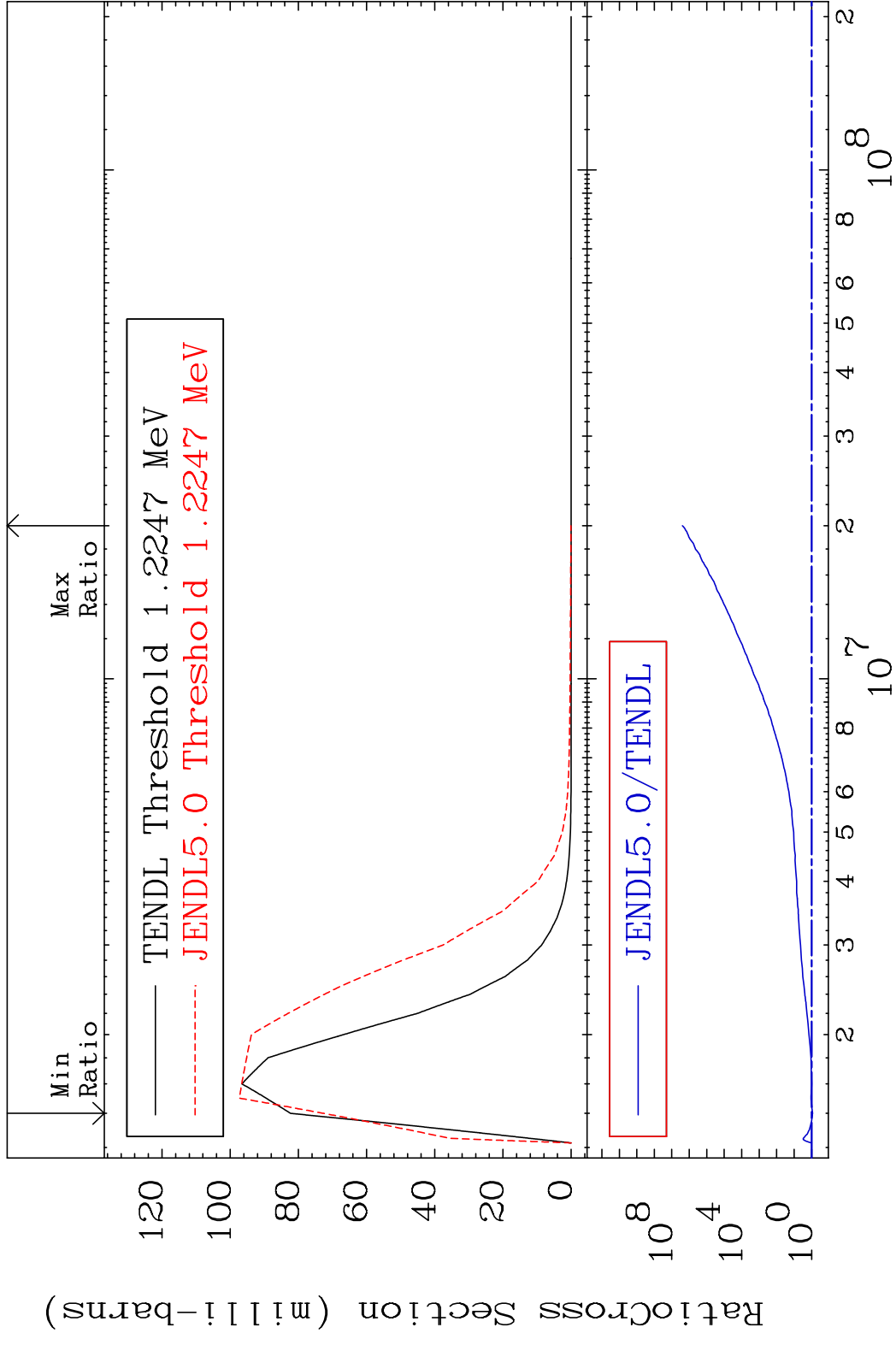
MAT 6849 MT= 59 (n, n') Level 68-Er-170
 Cross Section -88.92 To 218.1 %



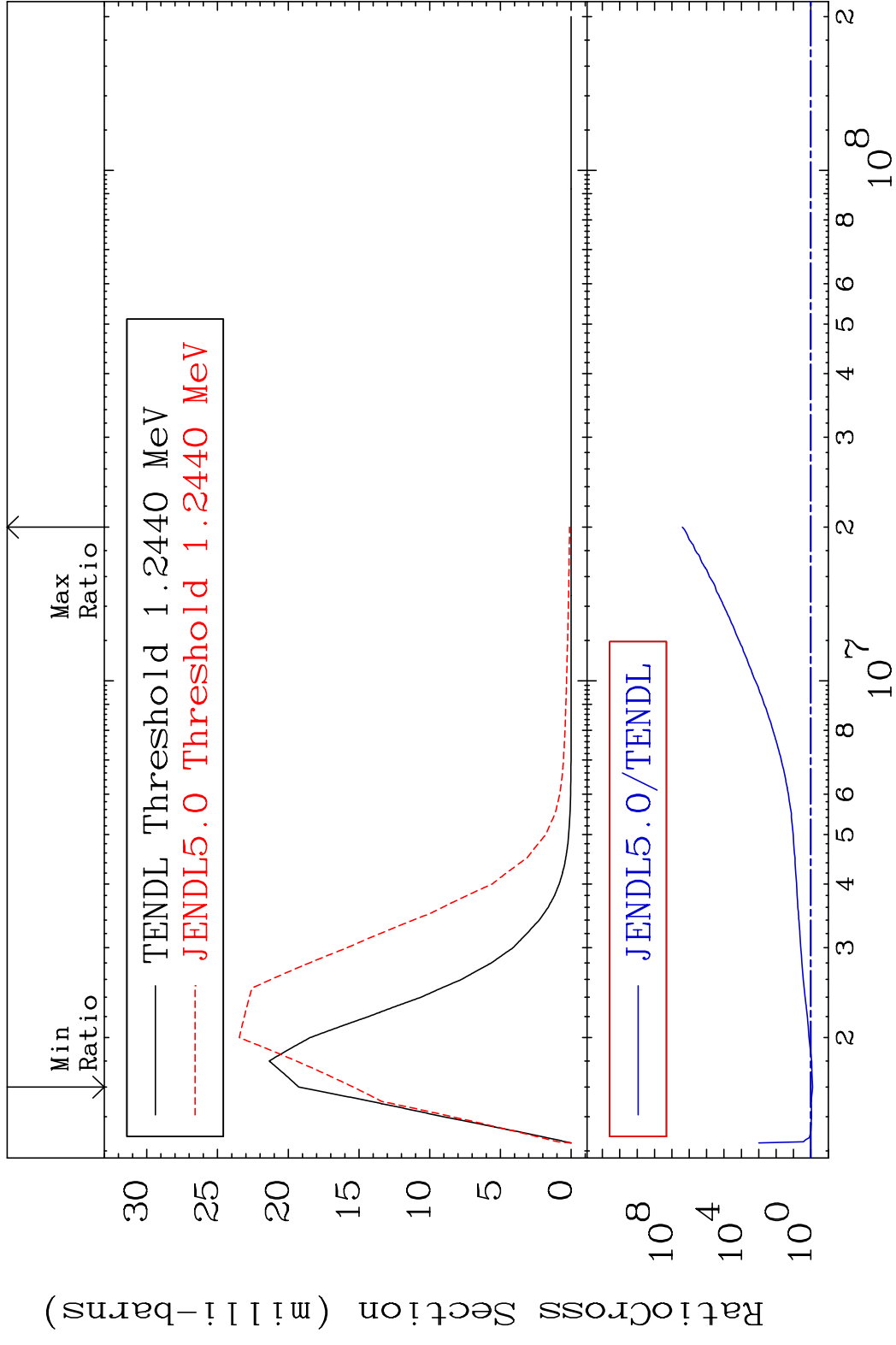
MAT 6849 MT= 60 (n, n') Level 68-Er-170
 Cross Section -100.0 To 569.2 %



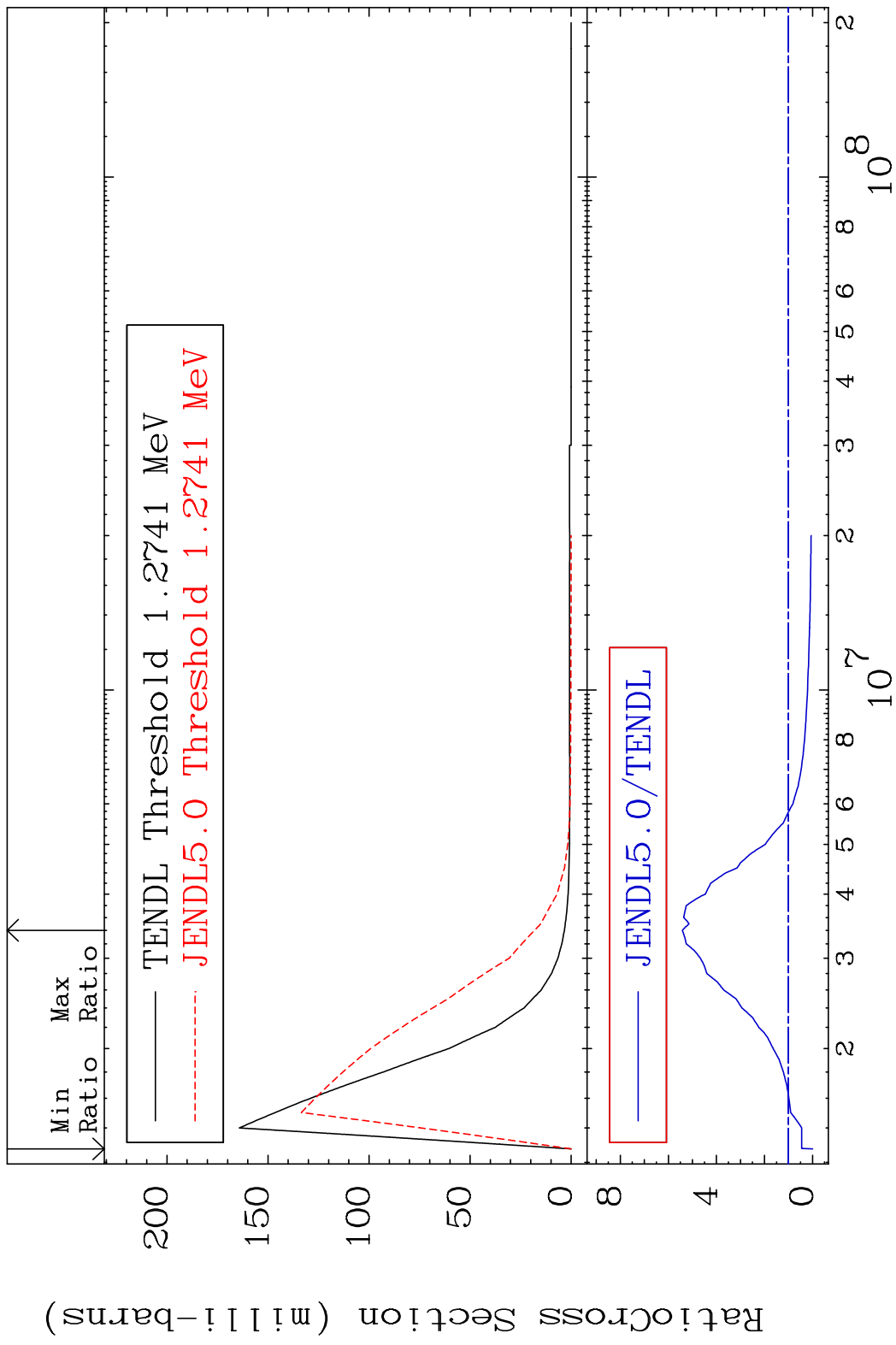
MAT 6849 MT= 61 (n, n') Level 68-Er-170
 Cross Section -11.88 To 9999. %



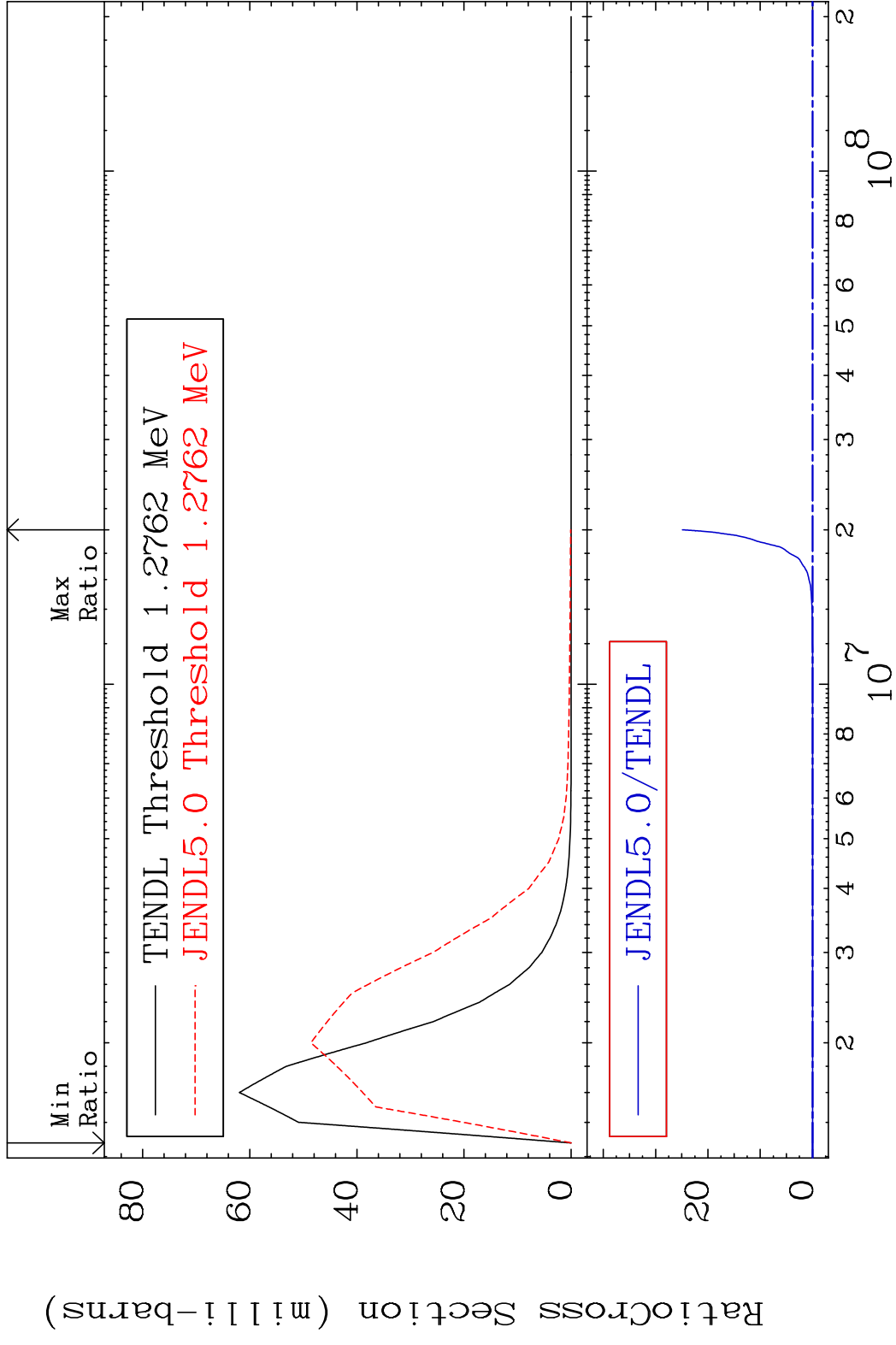
MAT 6849 MT= 62 (n, n') Level 68-Er-170
 Cross Section -20.01 To 9999. %



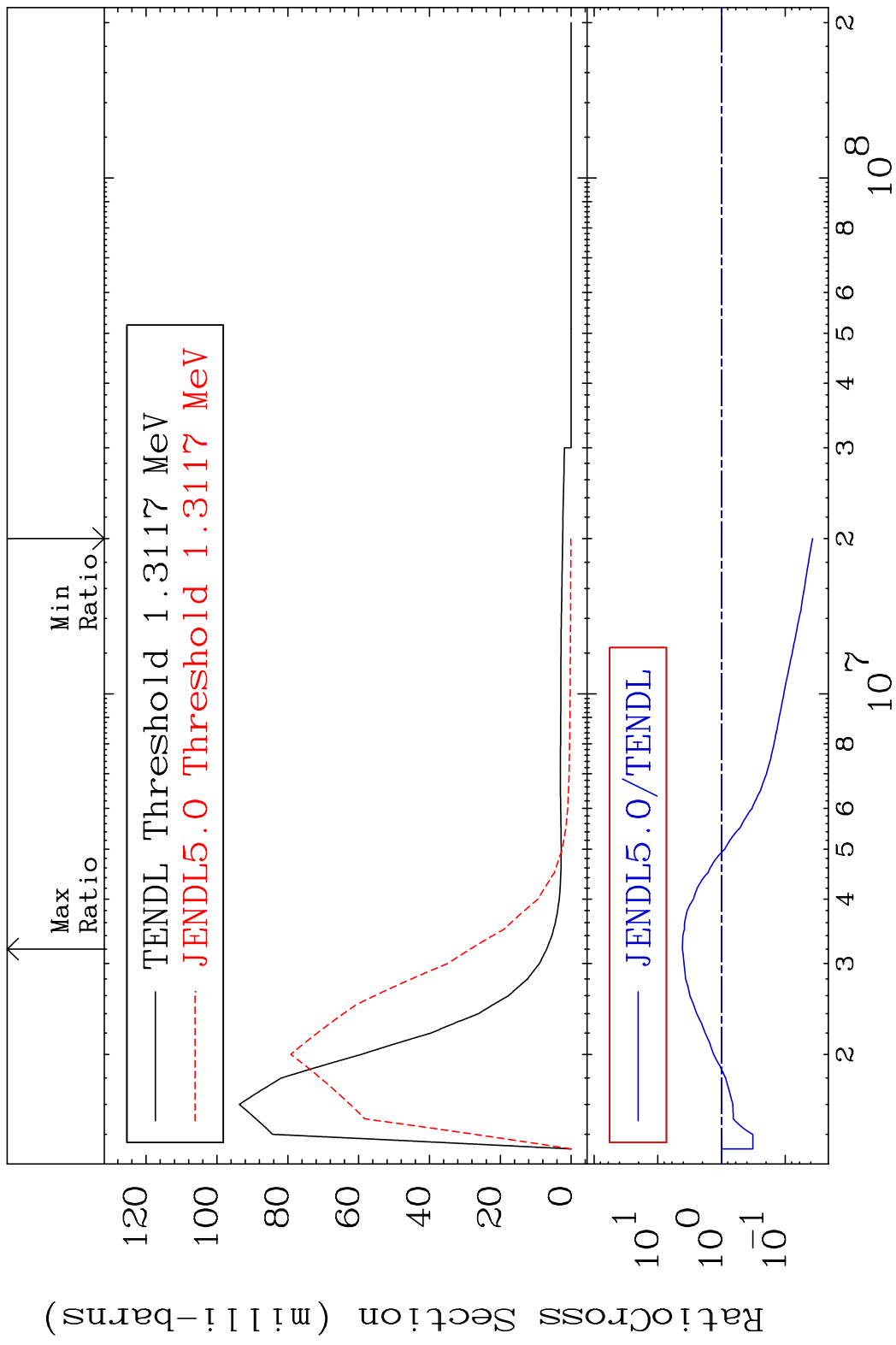
MAT 6849 MT= 63 (n, n') Level 68-Er-170
 Cross Section -100.0 To 441.8 %



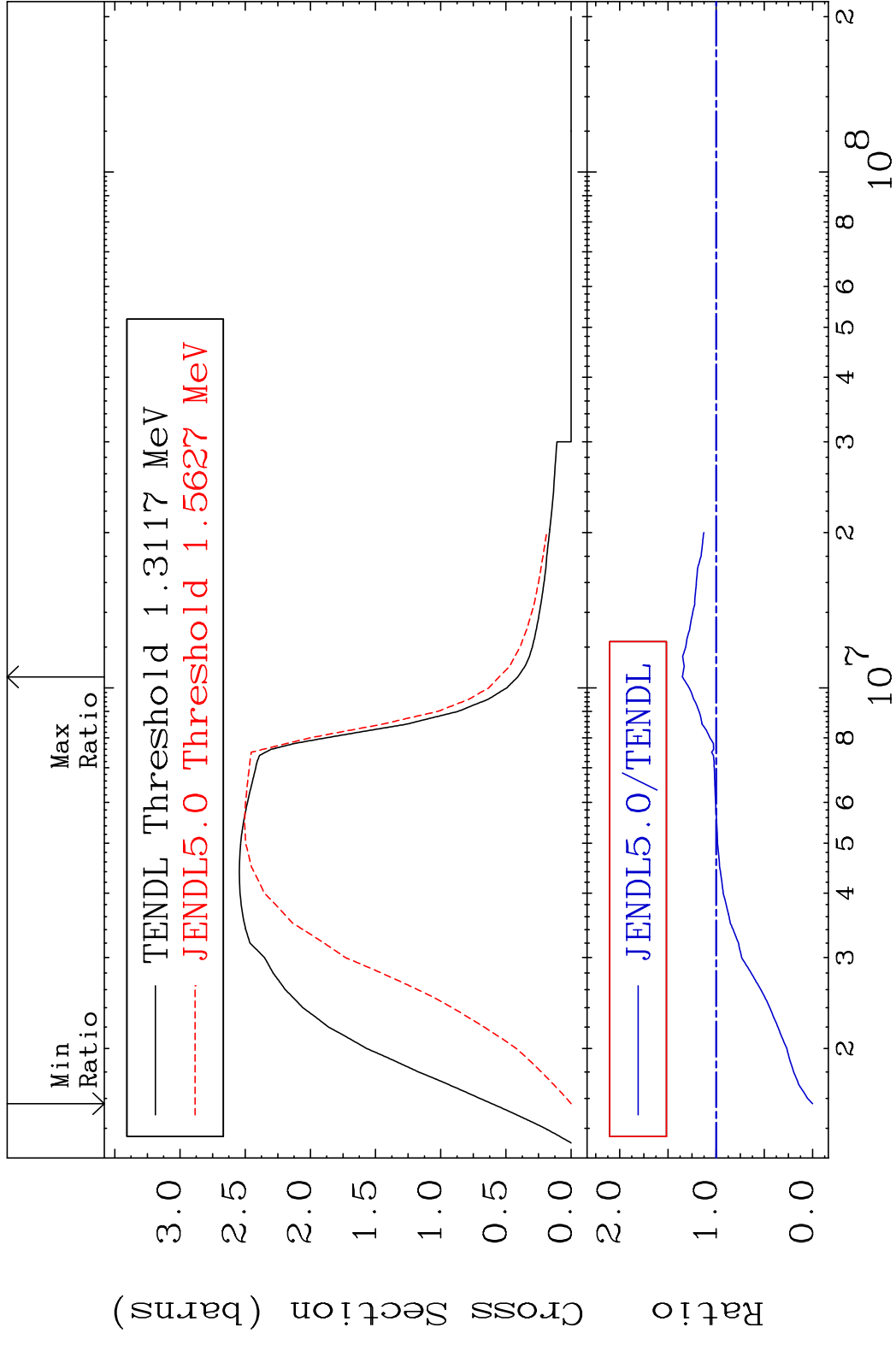
MAT 6849 MT= 64 (n, n') Level 68-Er-170
 Cross Section -100.0 To 9999. %



MAT 6849 MT= 65 (n, n') Level 68-Er-170
 Cross Section -96.26 To 312.8 %



MAT 6849 (n, n') Continuum 68-Er-170
 Cross Section -100.0 To 35.08 %

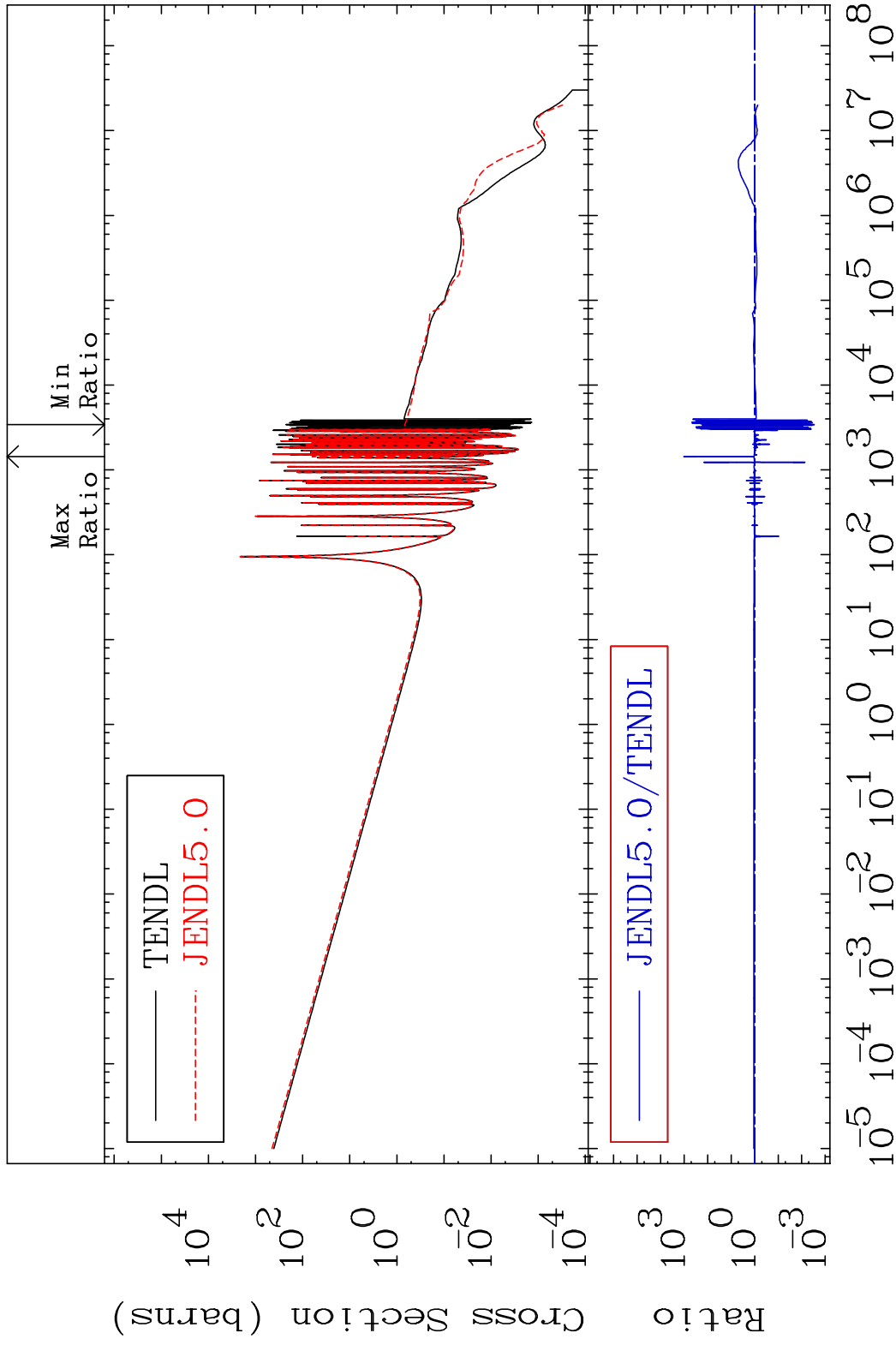


MAT 6849

(n, γ)

68-Er-170

Cross Section -99.70 To 9999. %



25

Incident Energy (eV)

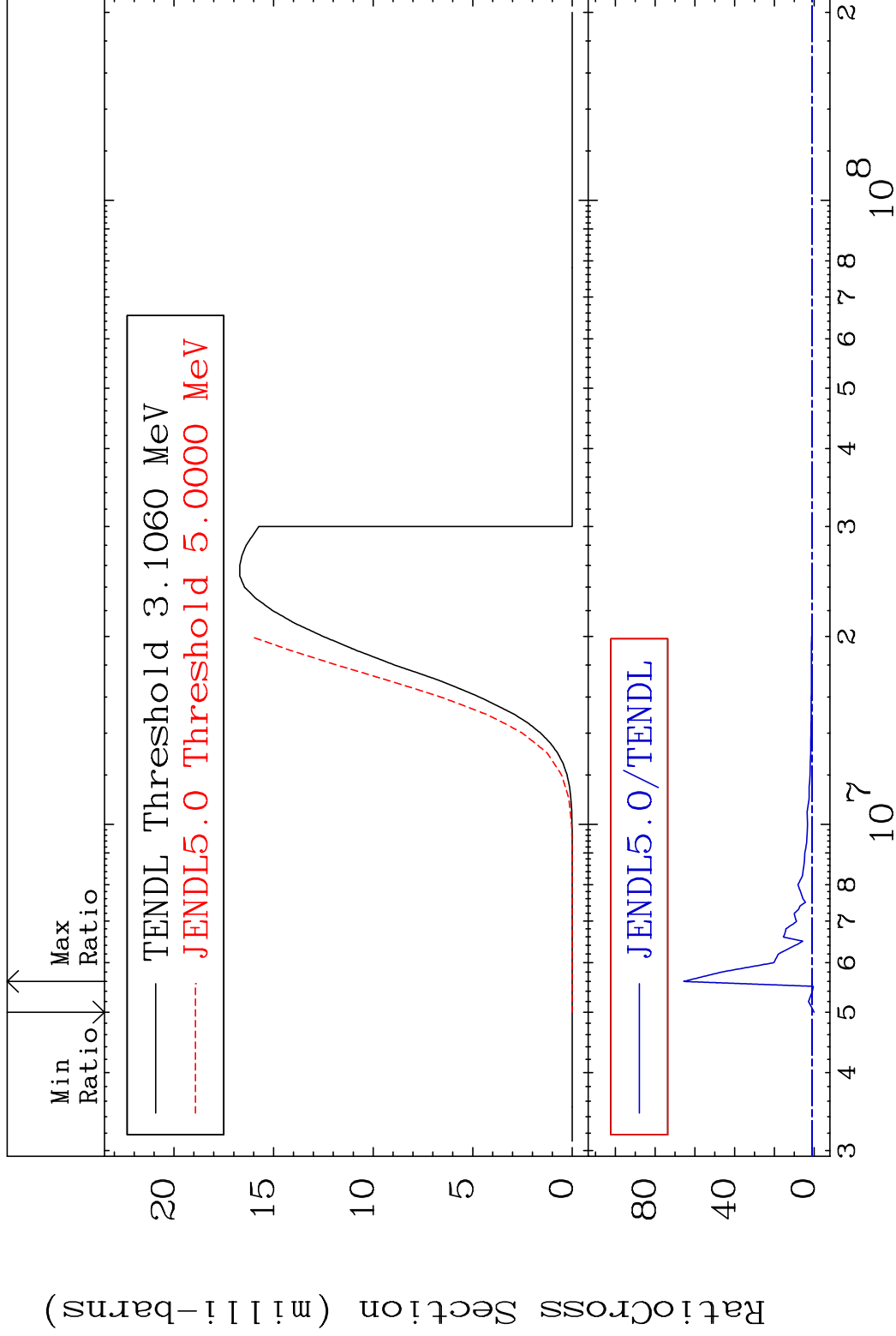
68-Er-170

MAT 6849

(n, p)

68-Er-170

Cross Section -100.0 To 6461. %



26

Incident Energy (eV)

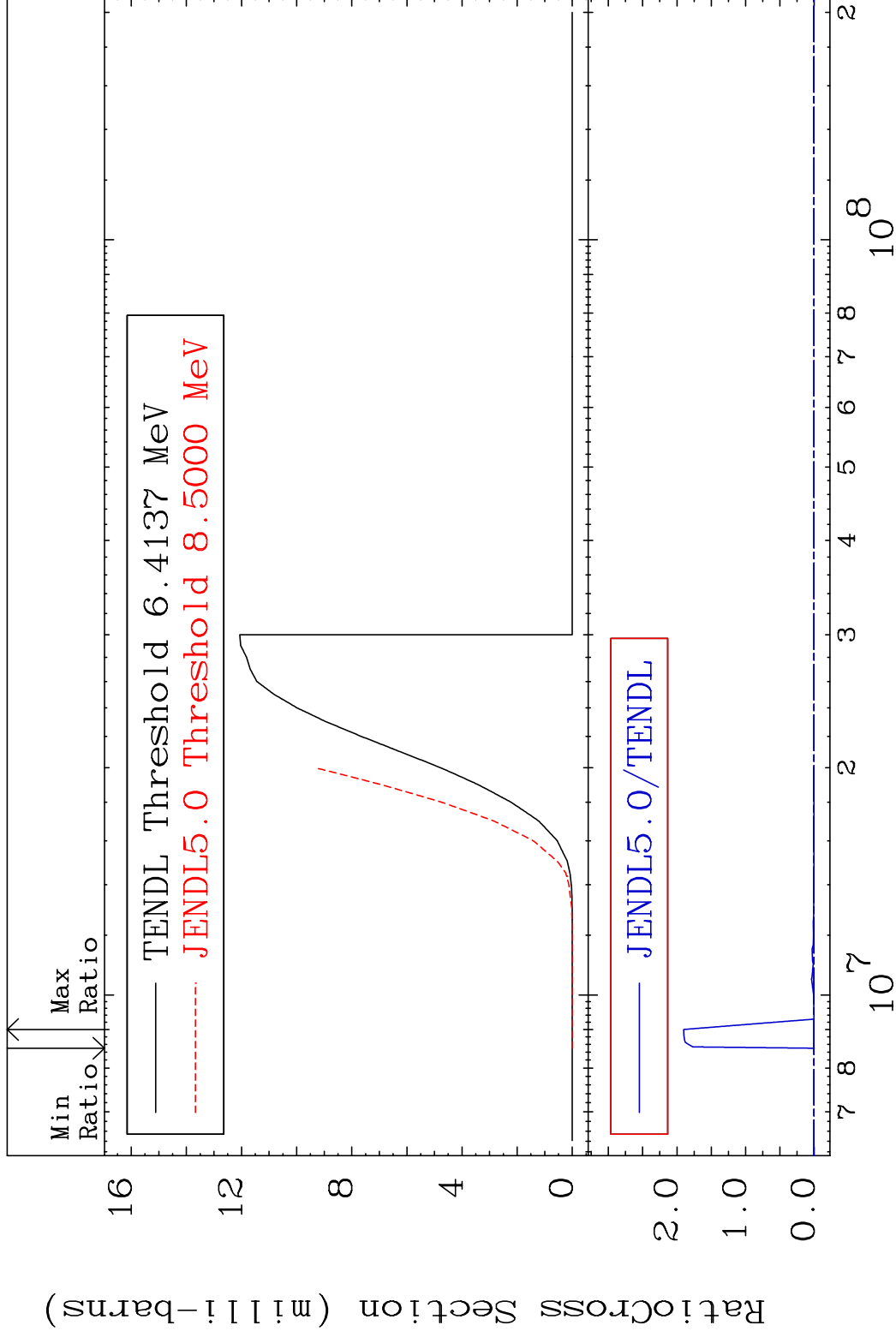
68-Er-170

MAT 6849

(n,d)

68-Er-170

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

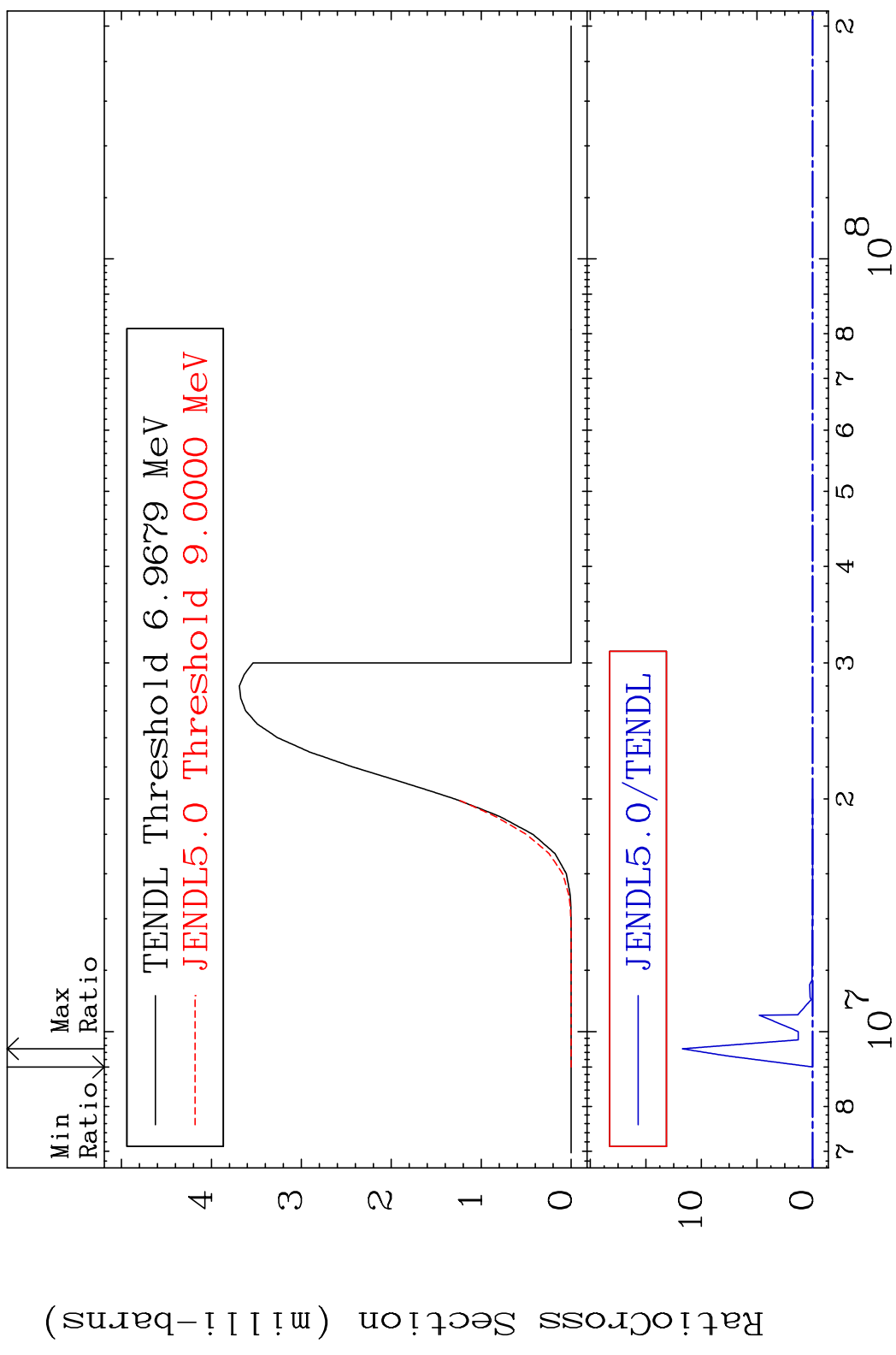
68-Er-170

MAT 6849

(n, t)

68-Er-170

Cross Section -100.0 To 9999. %

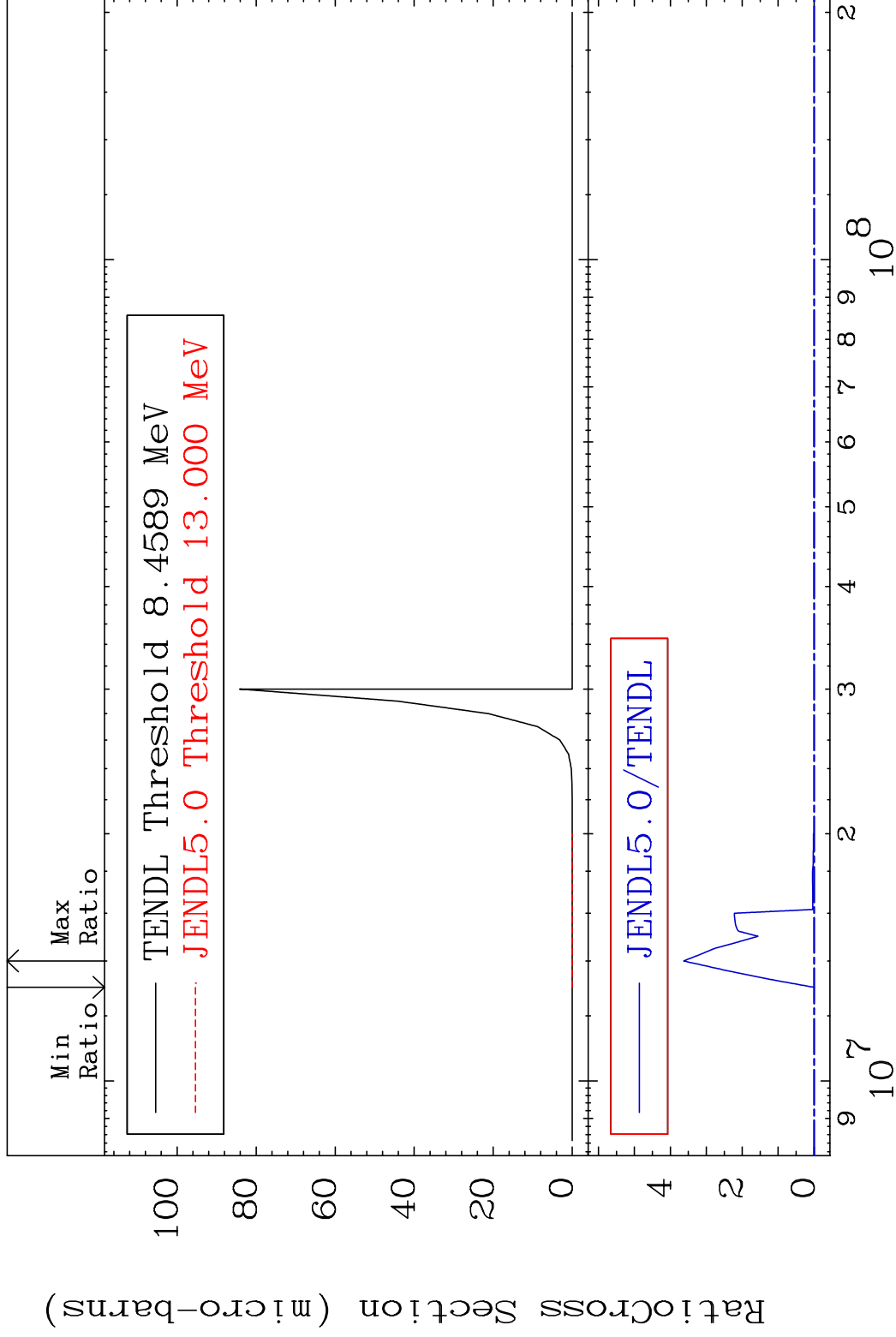


MAT 6849

(n, He-3)

68-Er-170

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

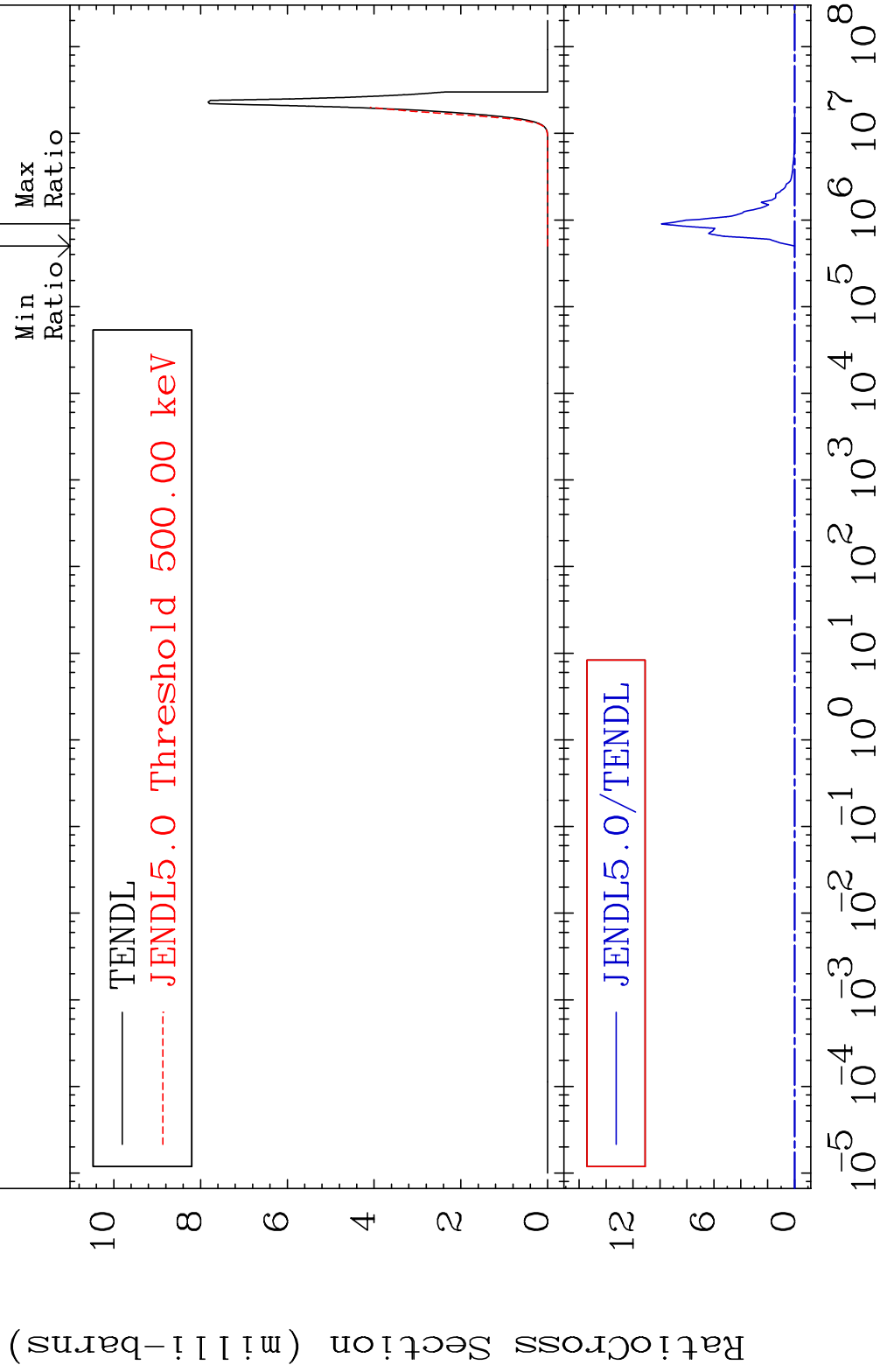
68-Er-170

MAT 6849

(n, α)

68-Er-170

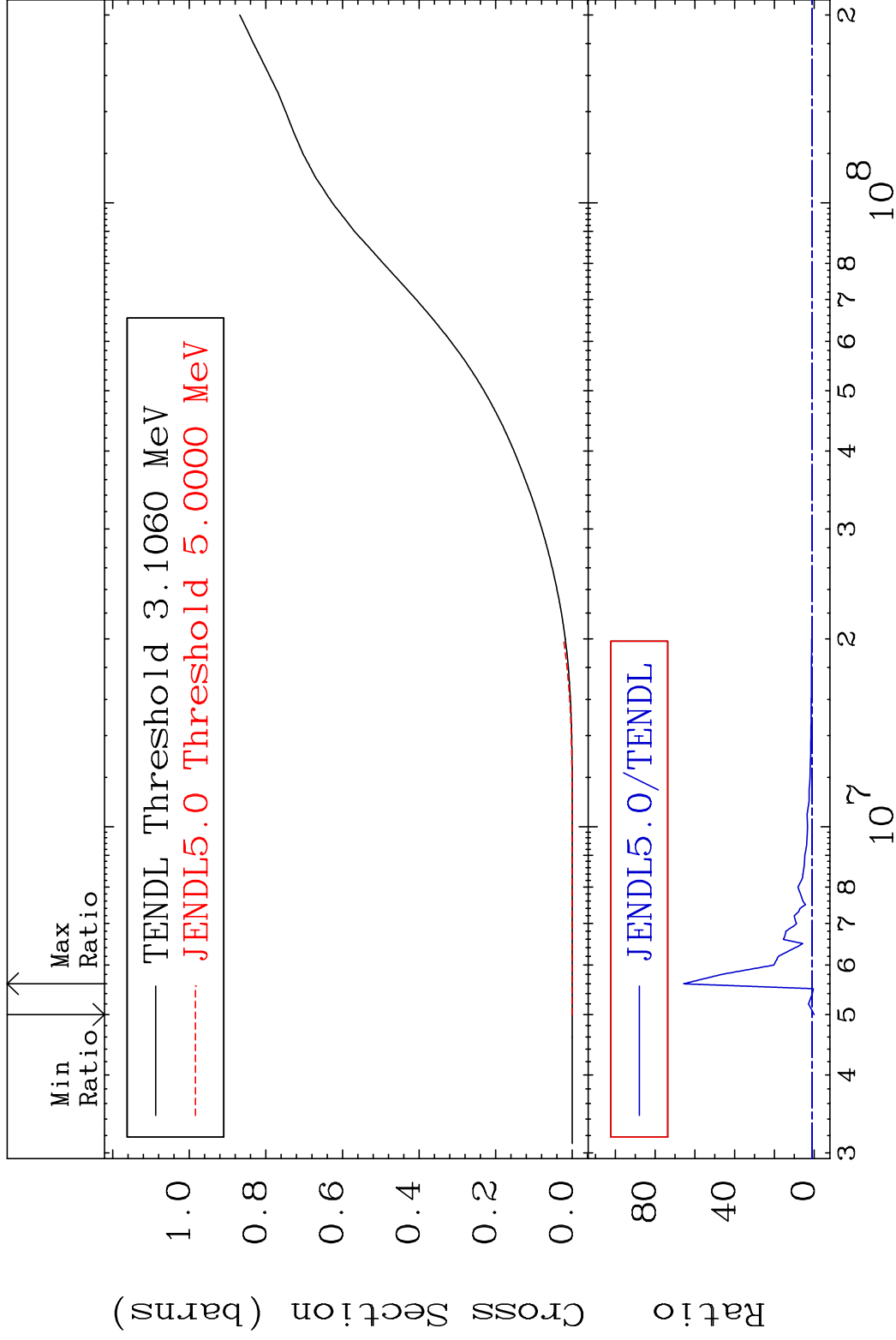
Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

68-Er-170

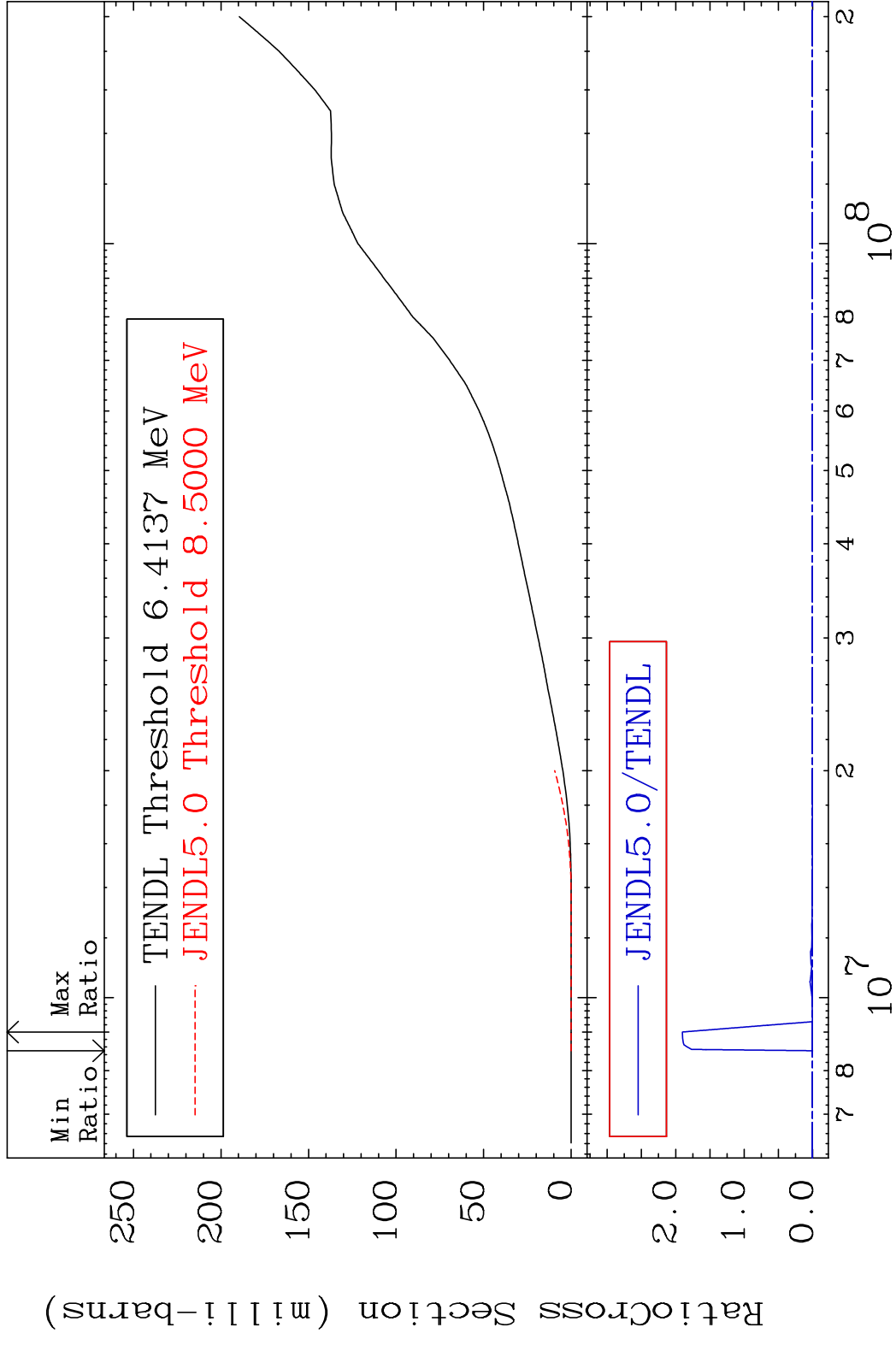


MAT 6849

Deuterium Production

68-Er-170

Cross Section -100.0 To 9999. %

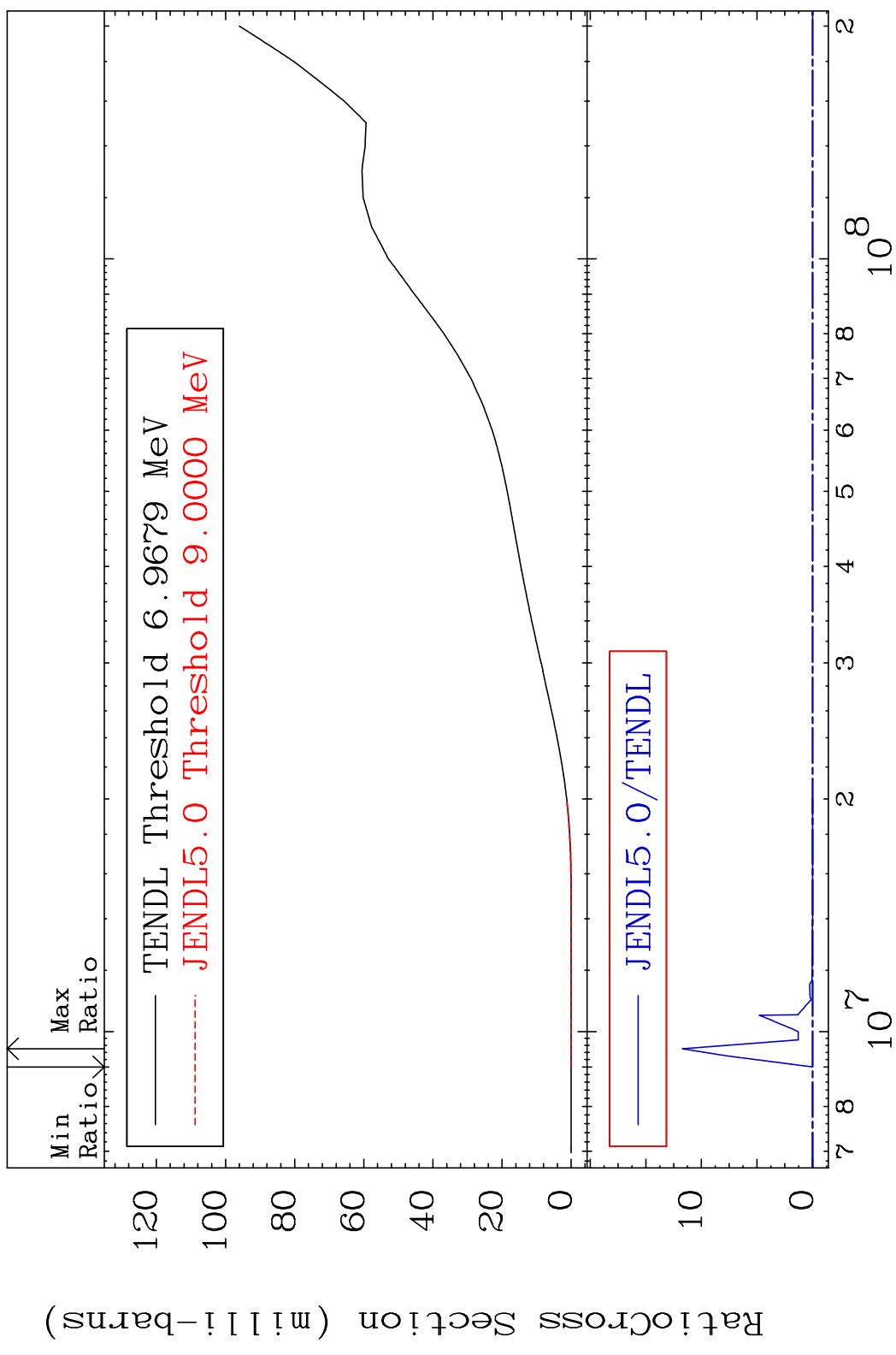


MAT 6849

Tritium Production

68-Er-170

Cross Section -100.0 To 9999. %

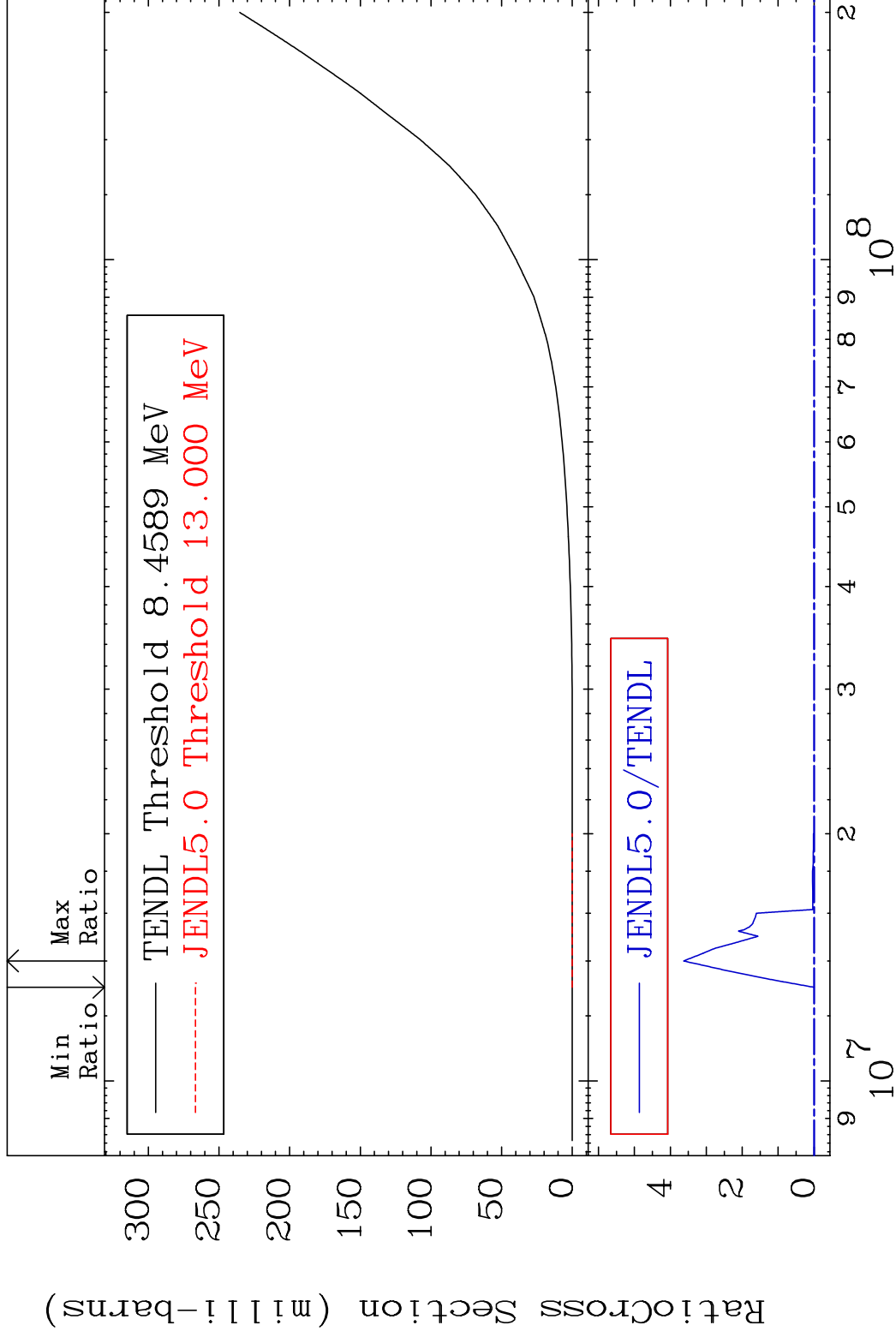


MAT 6849

He-3 Production

68-Er-170

Cross Section -100.0 To 9999. %

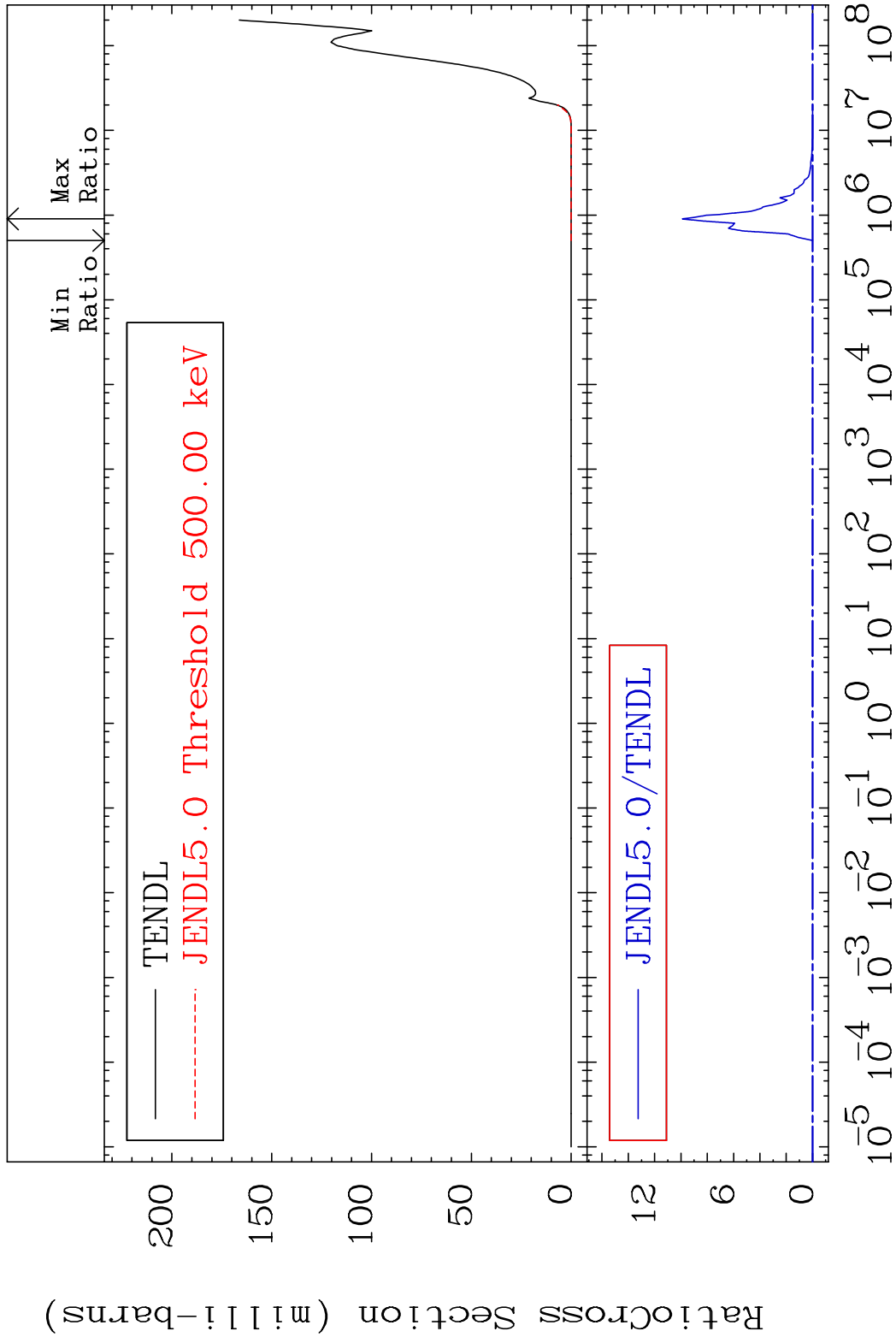


MAT 6849

He-4 Production

68-Er-170

Cross Section -100.0 To 9999. %

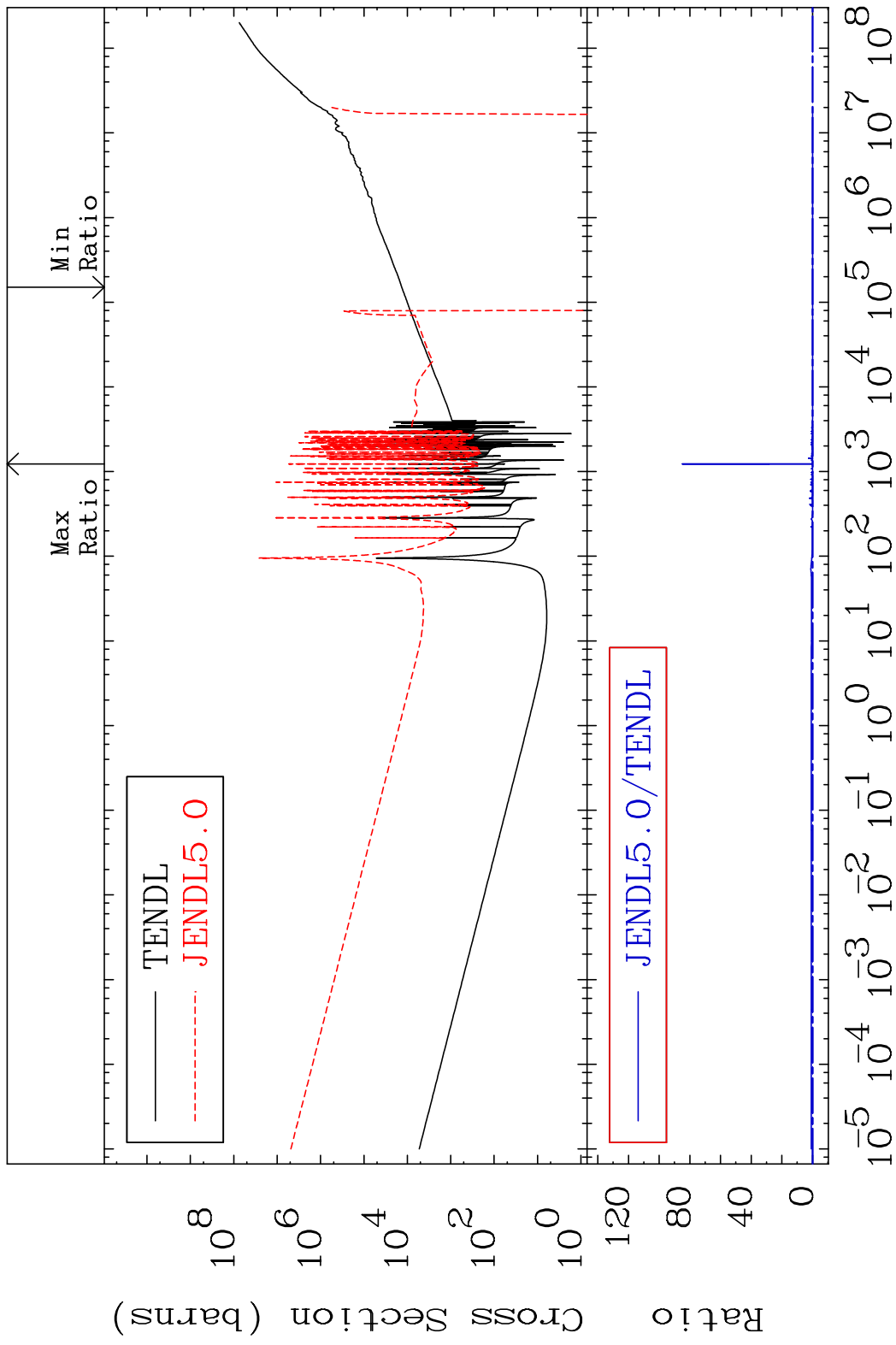


35

Incident Energy (eV)

68-Er-170

MAT 6849 Kerma total (eV-barns) 68-Er-170
 Cross Section -1518. To 9999. %

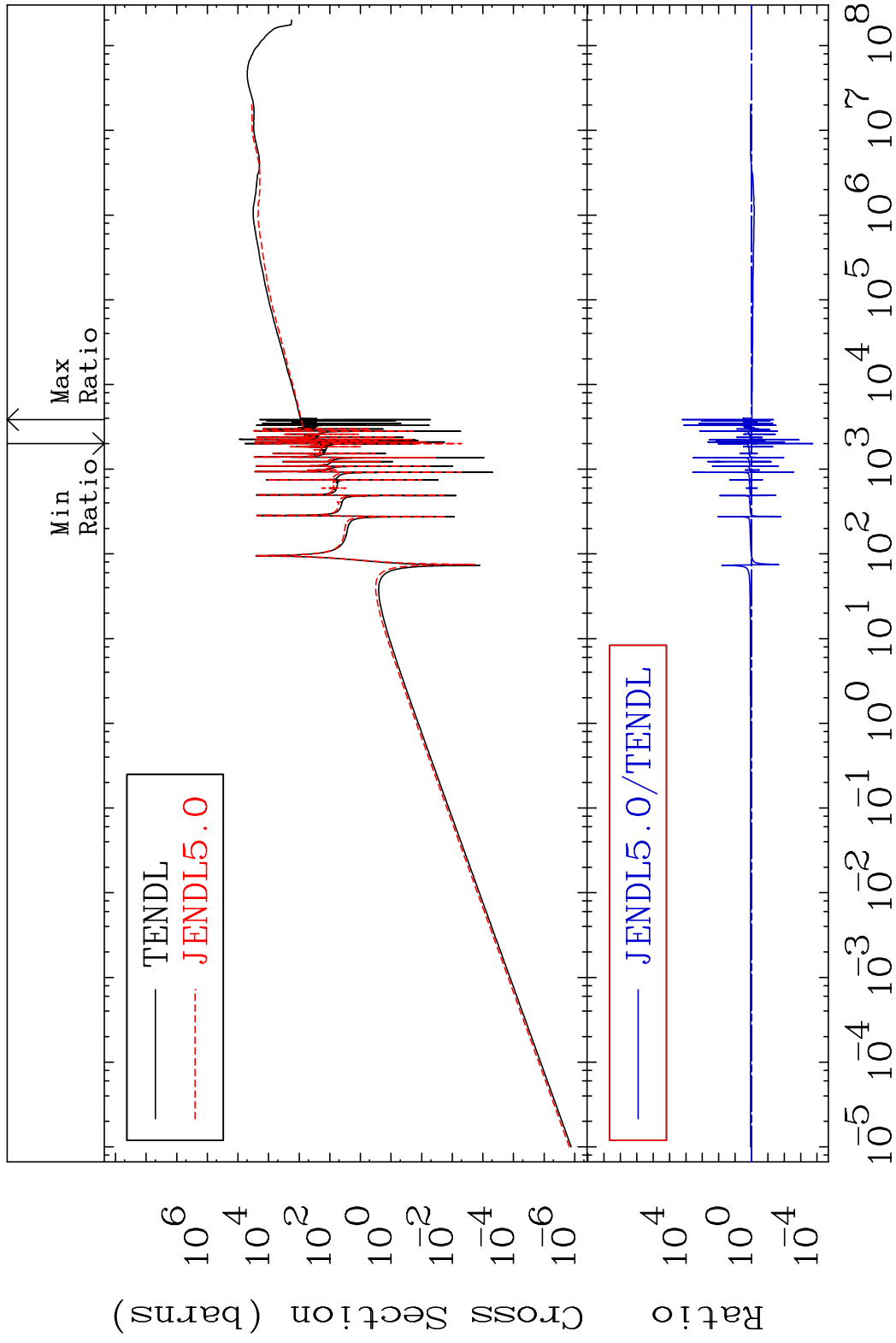


MAT 6849

Kerma elastic

68-Er-170

Cross Section -99.98 To 9999. %

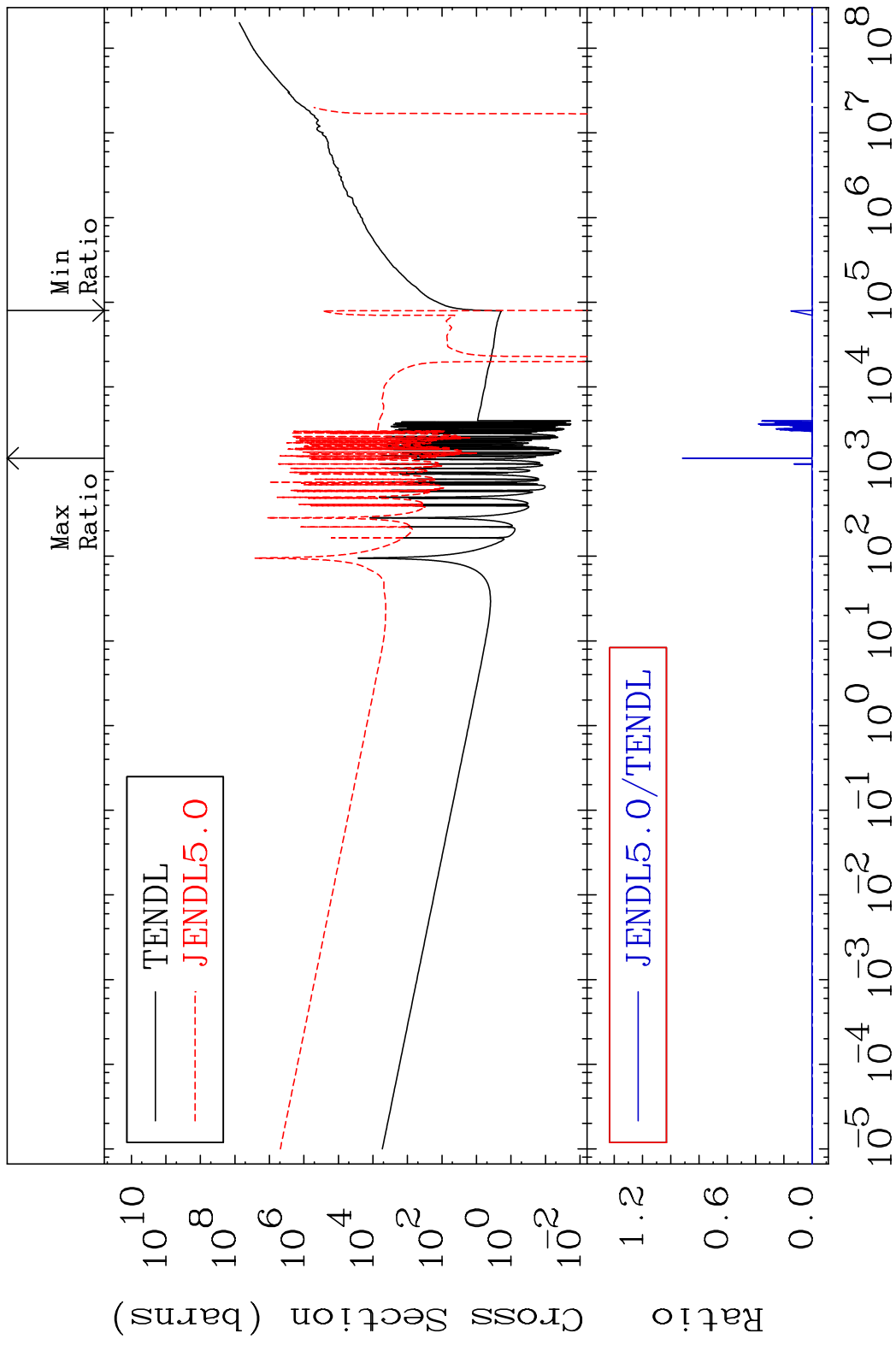


37

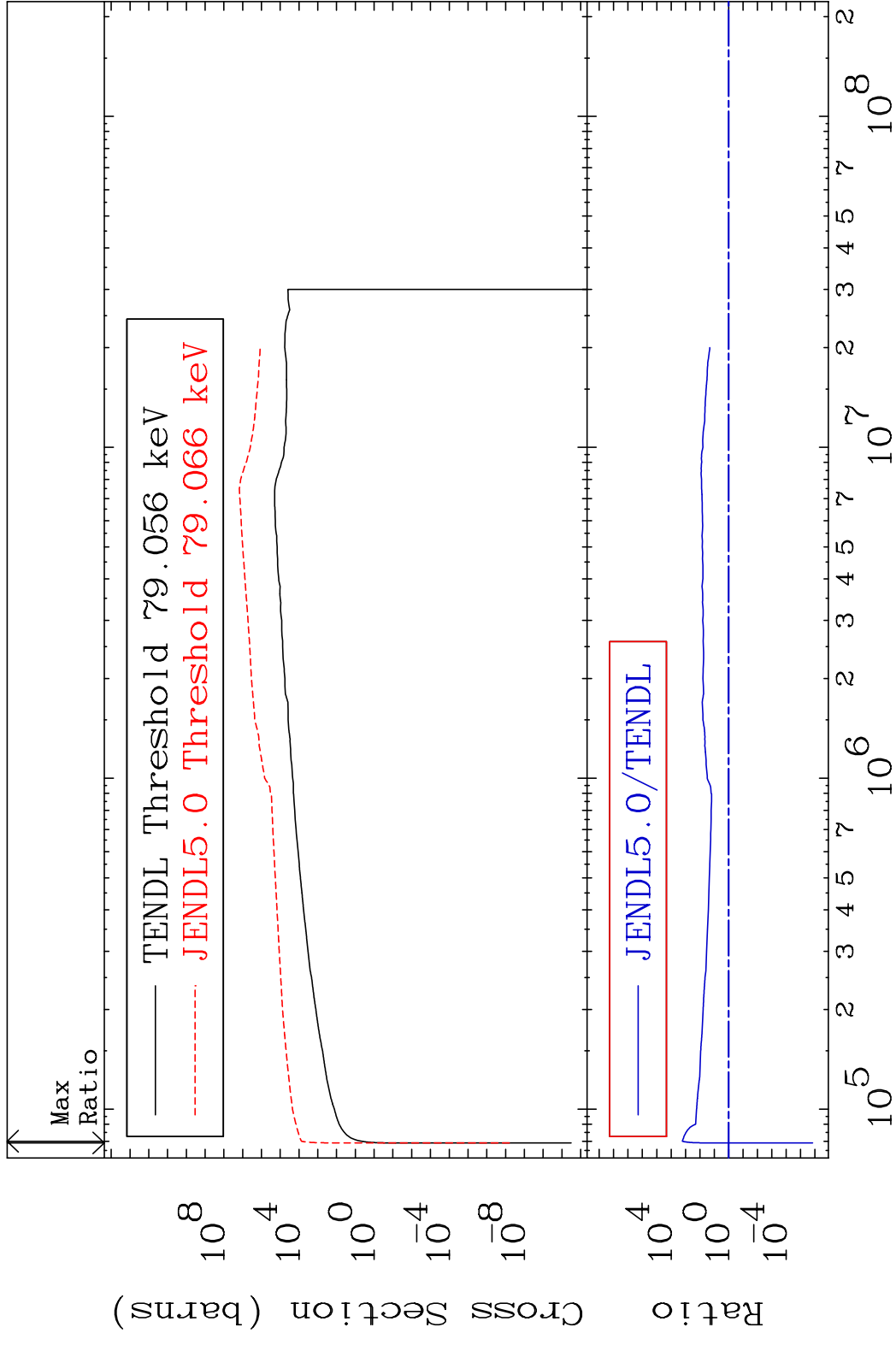
Incident Energy (eV)

68-Er-170

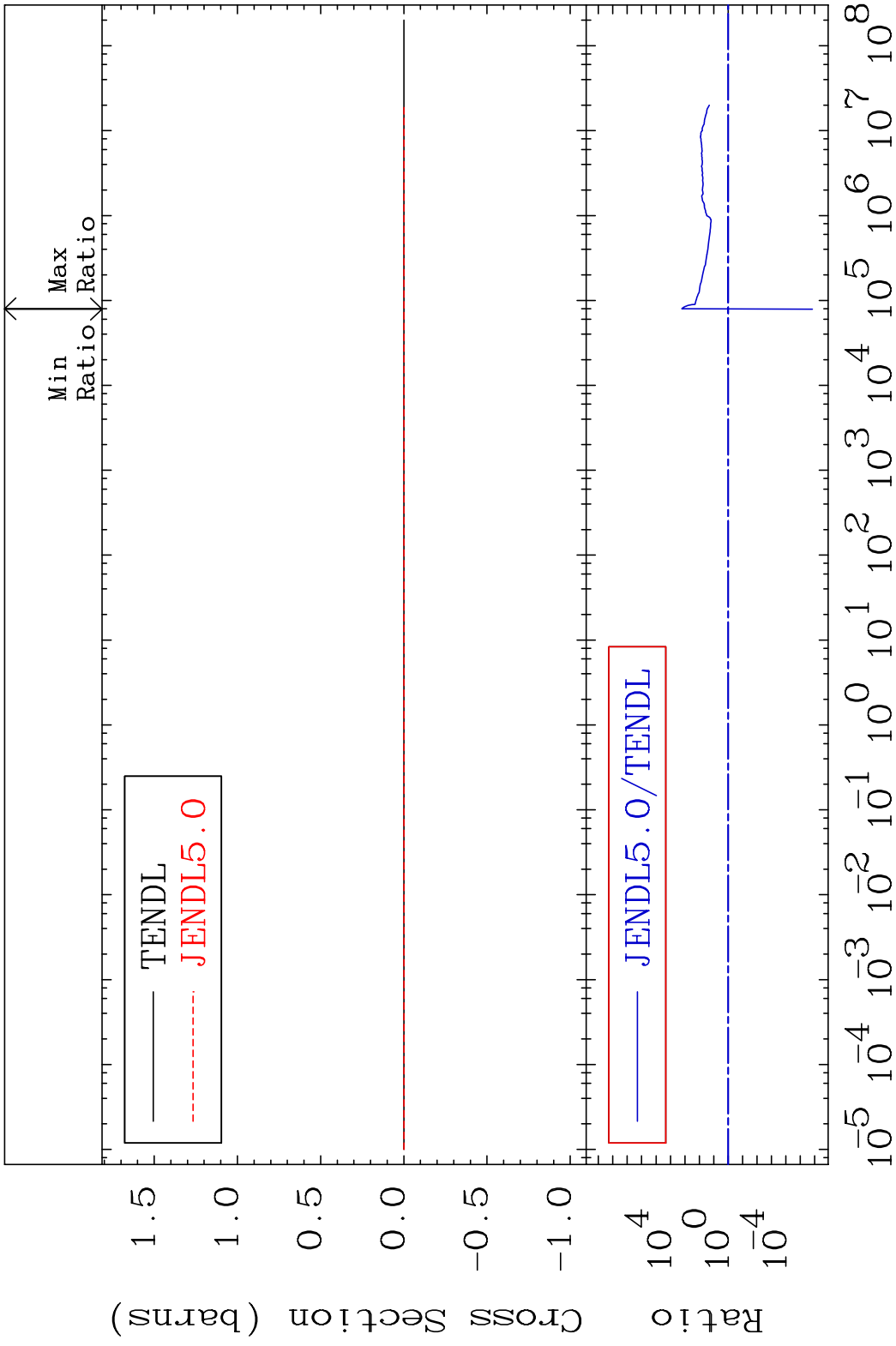
MAT 6849 Kerma non-elastic (all but mt2) 68-Er-170
 Cross Section -9999. To 9999. %



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

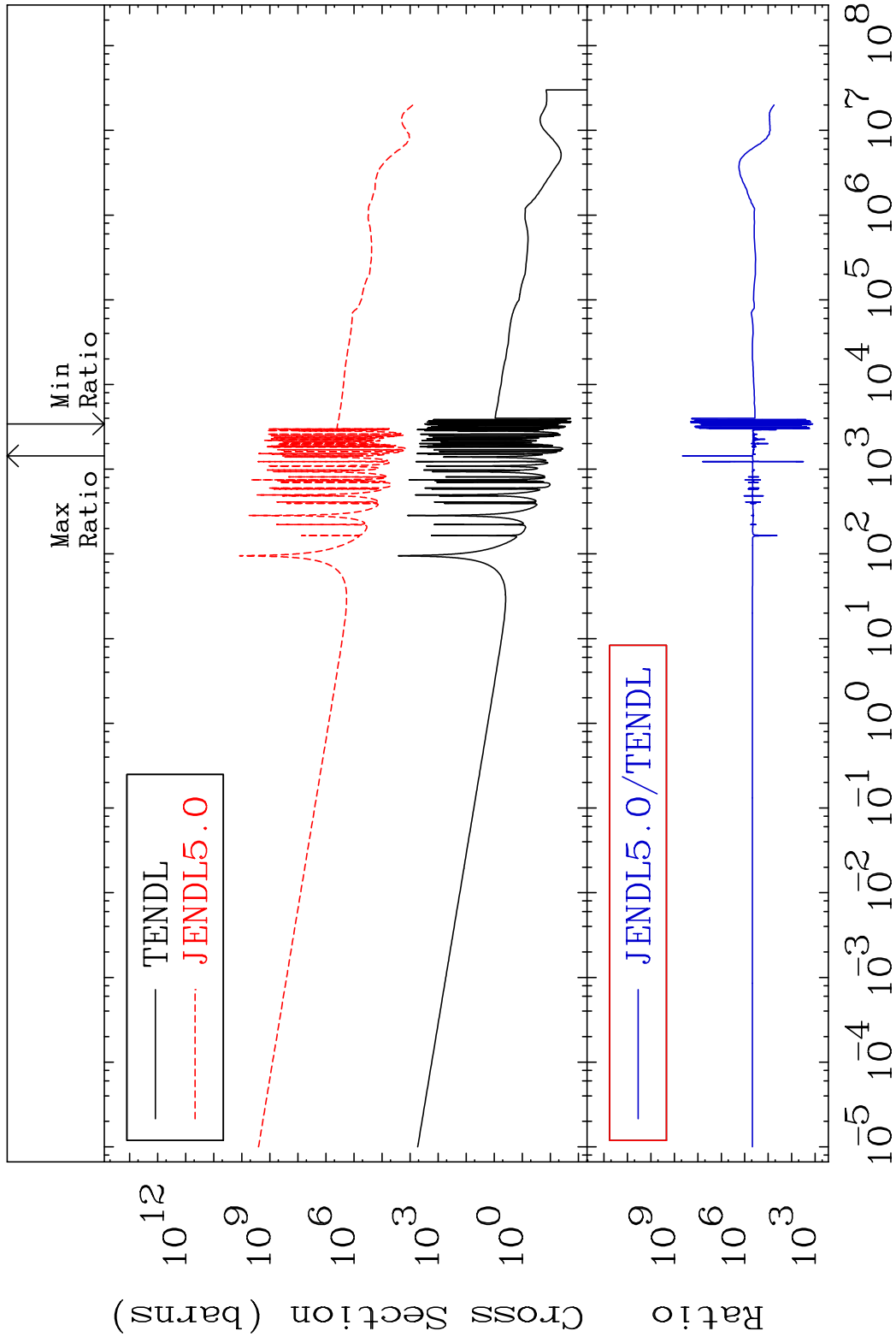


MAT 6849 Kerma fission (mt18 or mt19-20-21-38) 68-Er-170
 Cross Section -100.0 To 9999. %



MAT 6849

Kerma capture (mt102) 68-Er-170
Cross Section 9999. To 9999. %

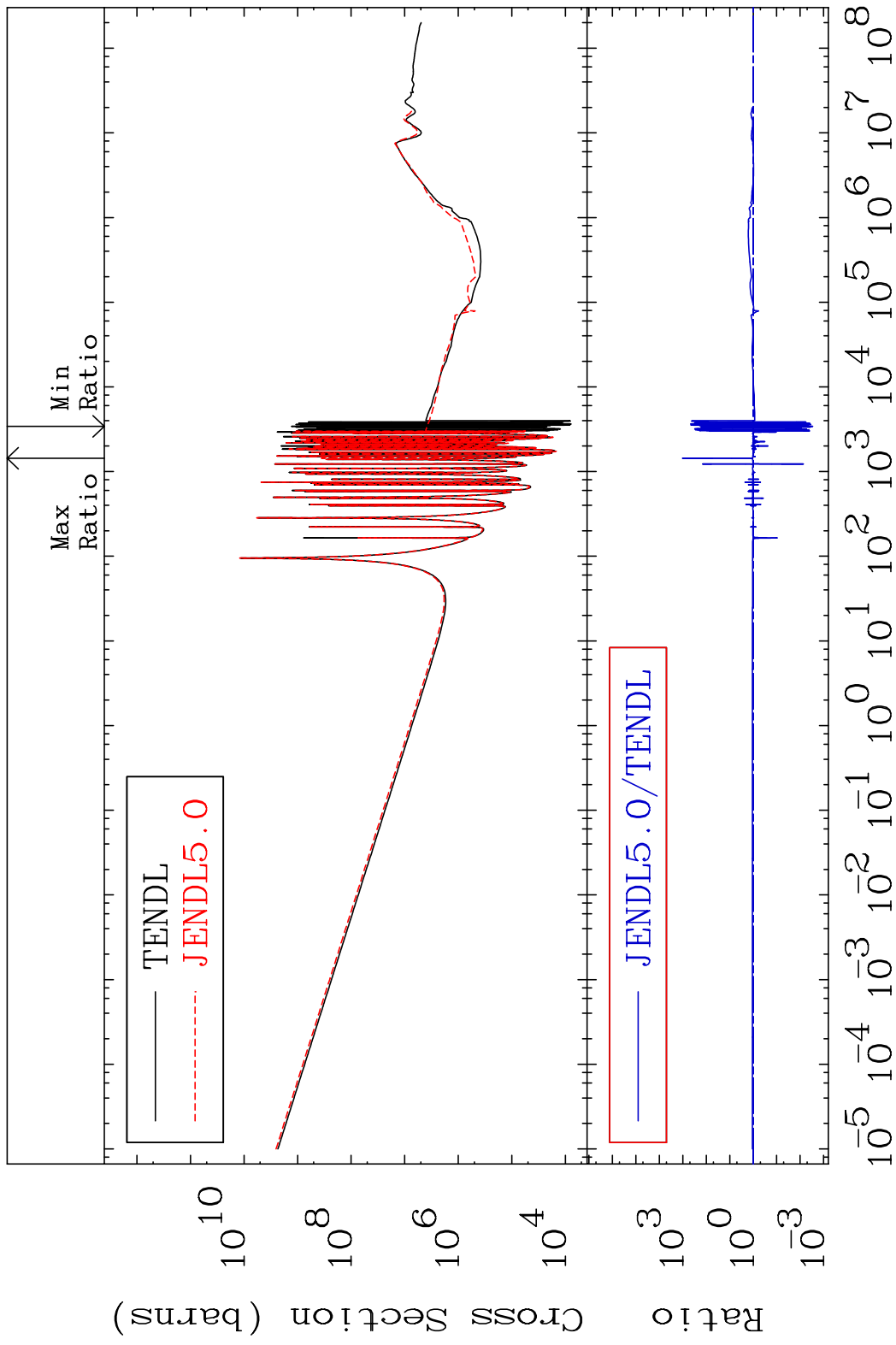


41

Incident Energy (eV)

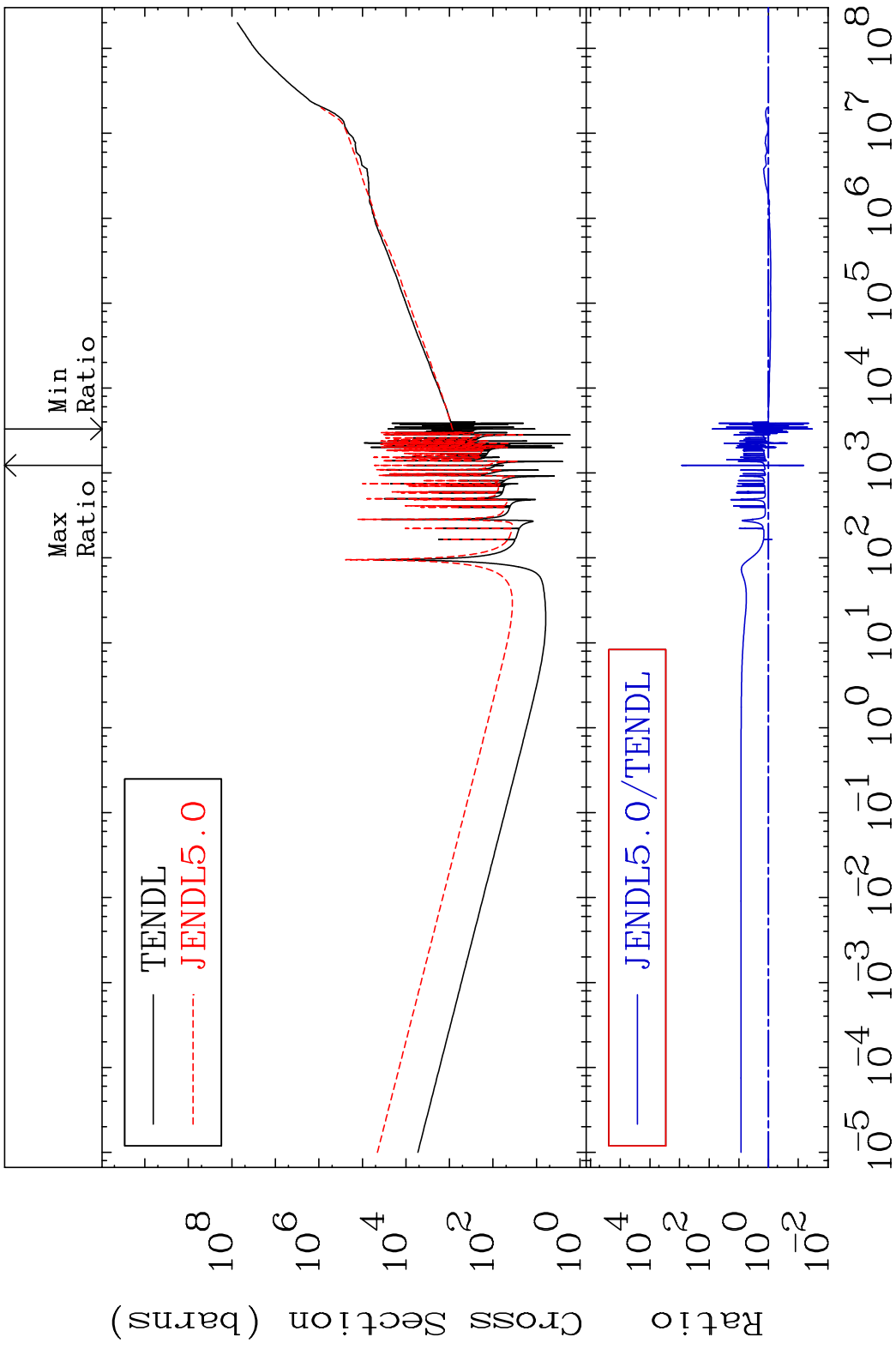
68-Er-170

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



42 Incident Energy (eV) 68-Er-170

MAT 6849 Total kinematic kerma (high limit) 68-Er-170
Cross Section -96.65 To 9999. %

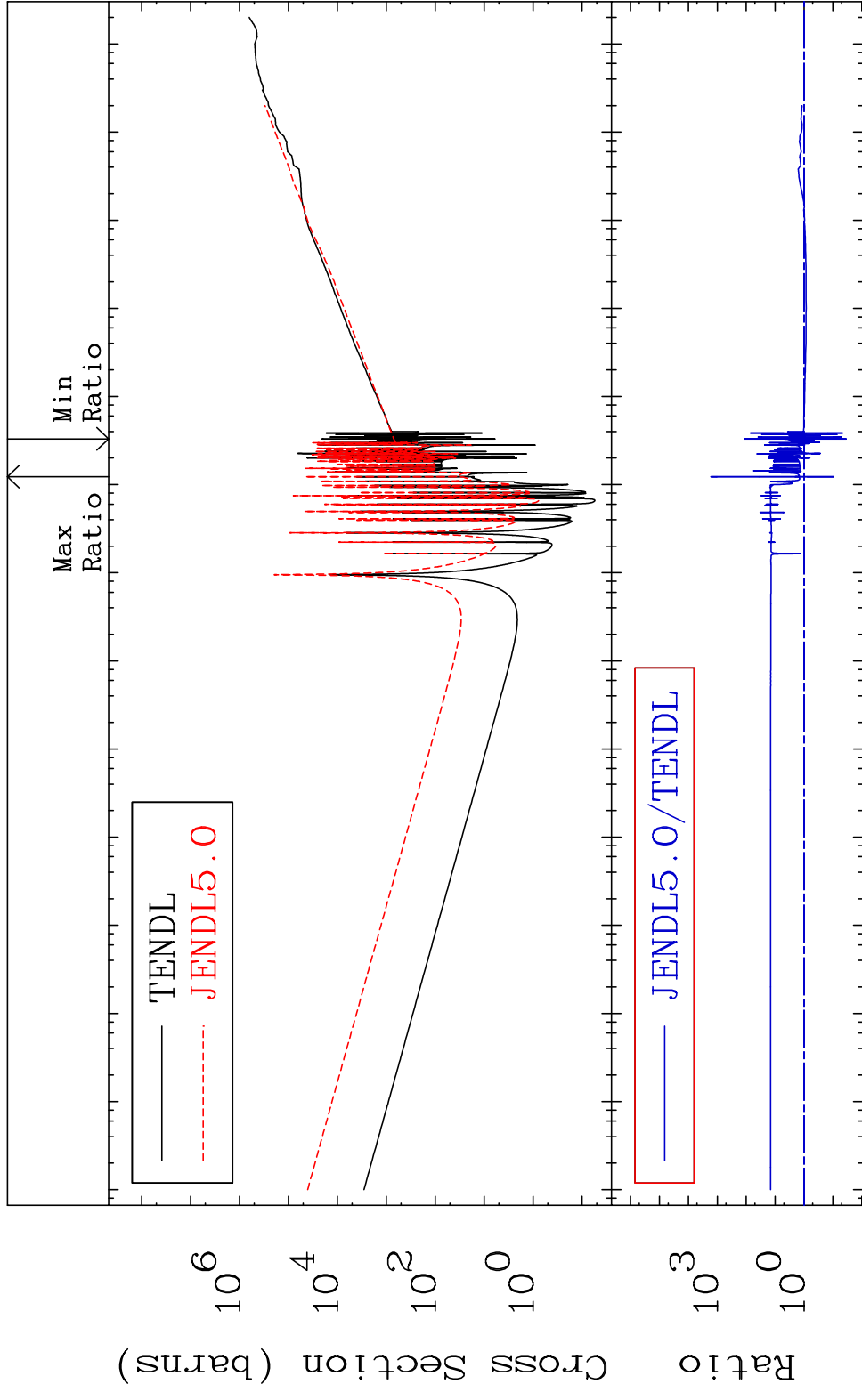


MAT 6849

Dpa total (eV-barns)

68-Er-170

Cross Section -96.57 To 9999. %



44

Incident Energy (eV)

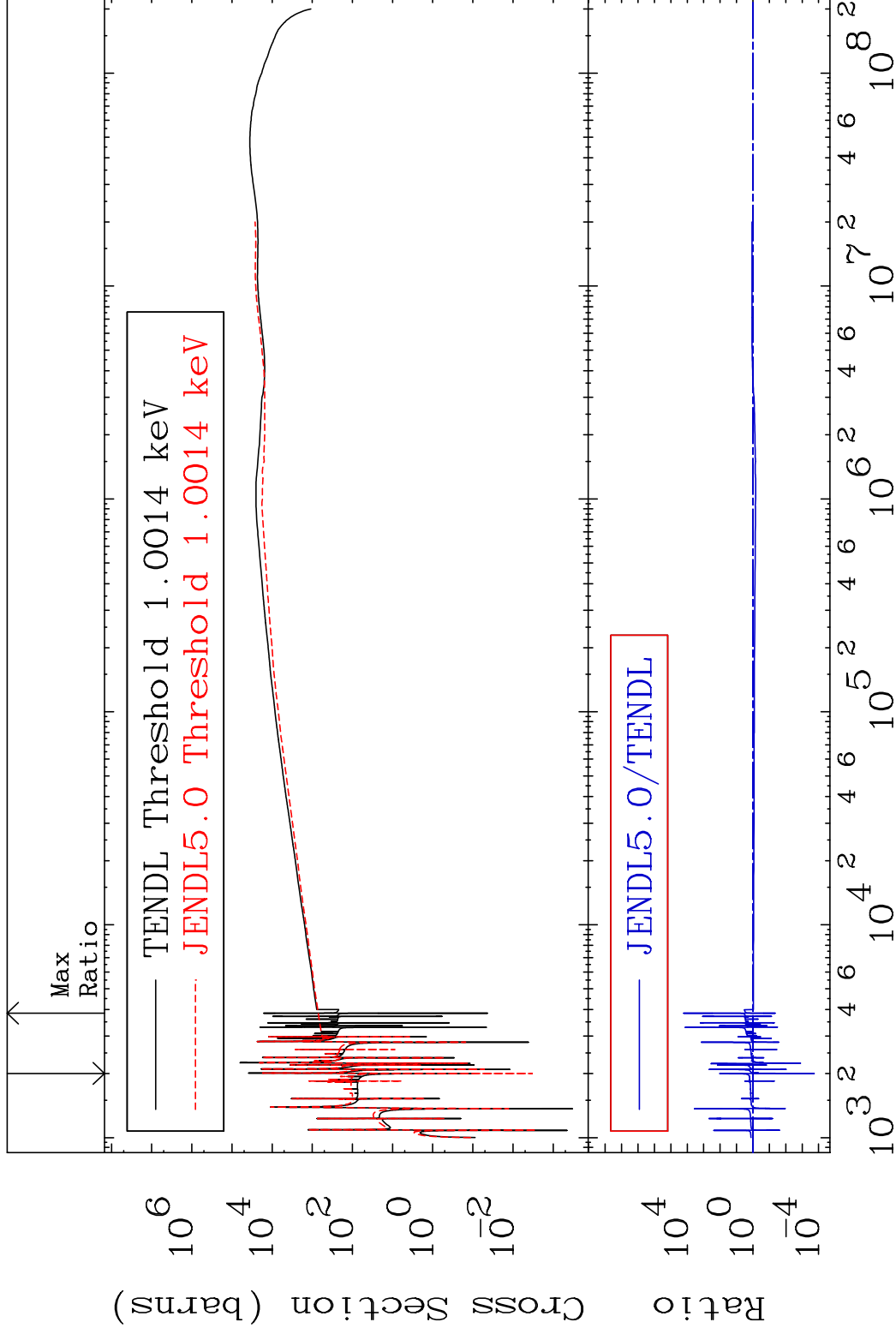
68-Er-170

MAT 6849

Dpa elastic (mt2)

68-Er-170

Cross Section -99.98 To 9999. %

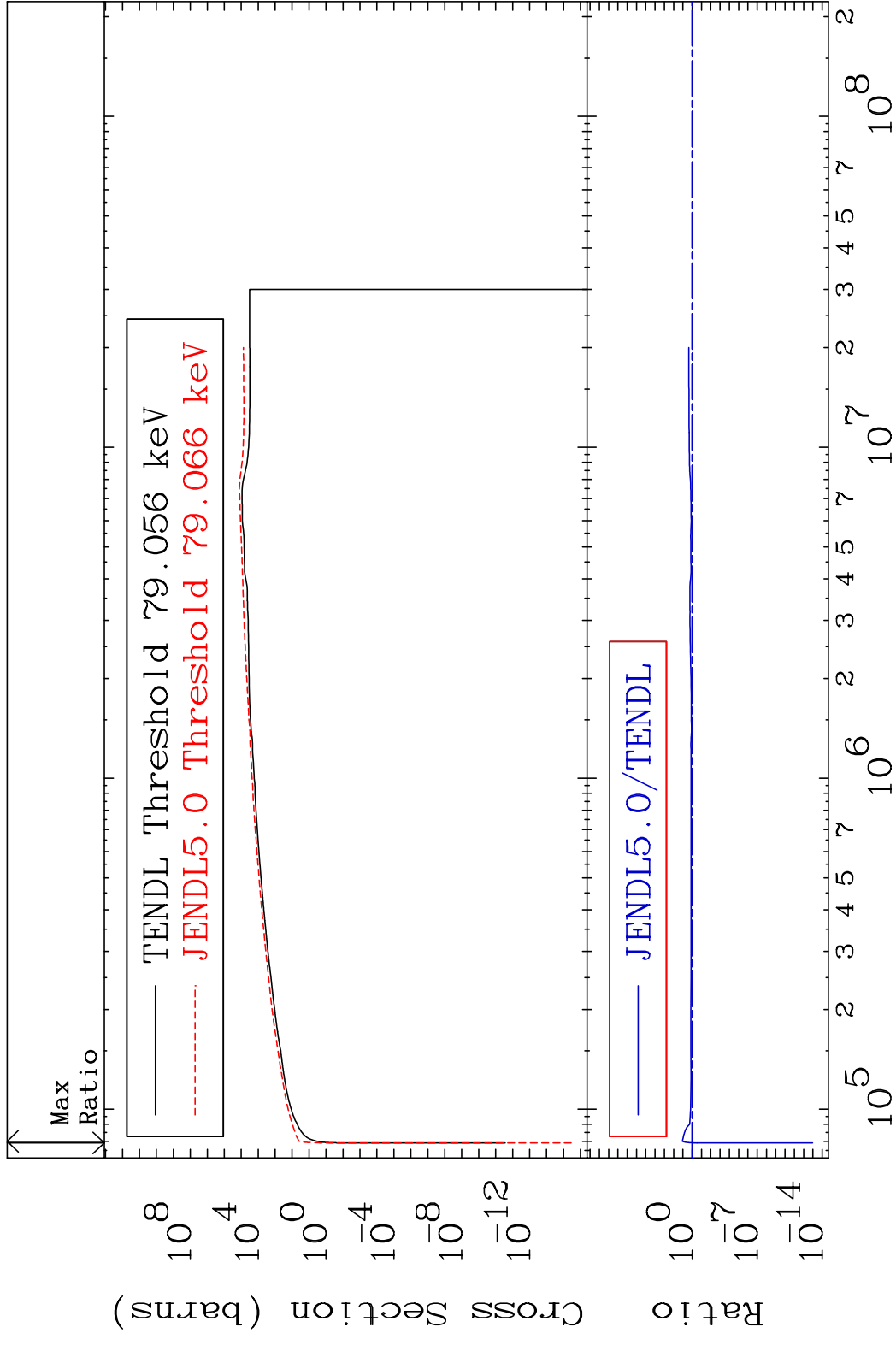


45

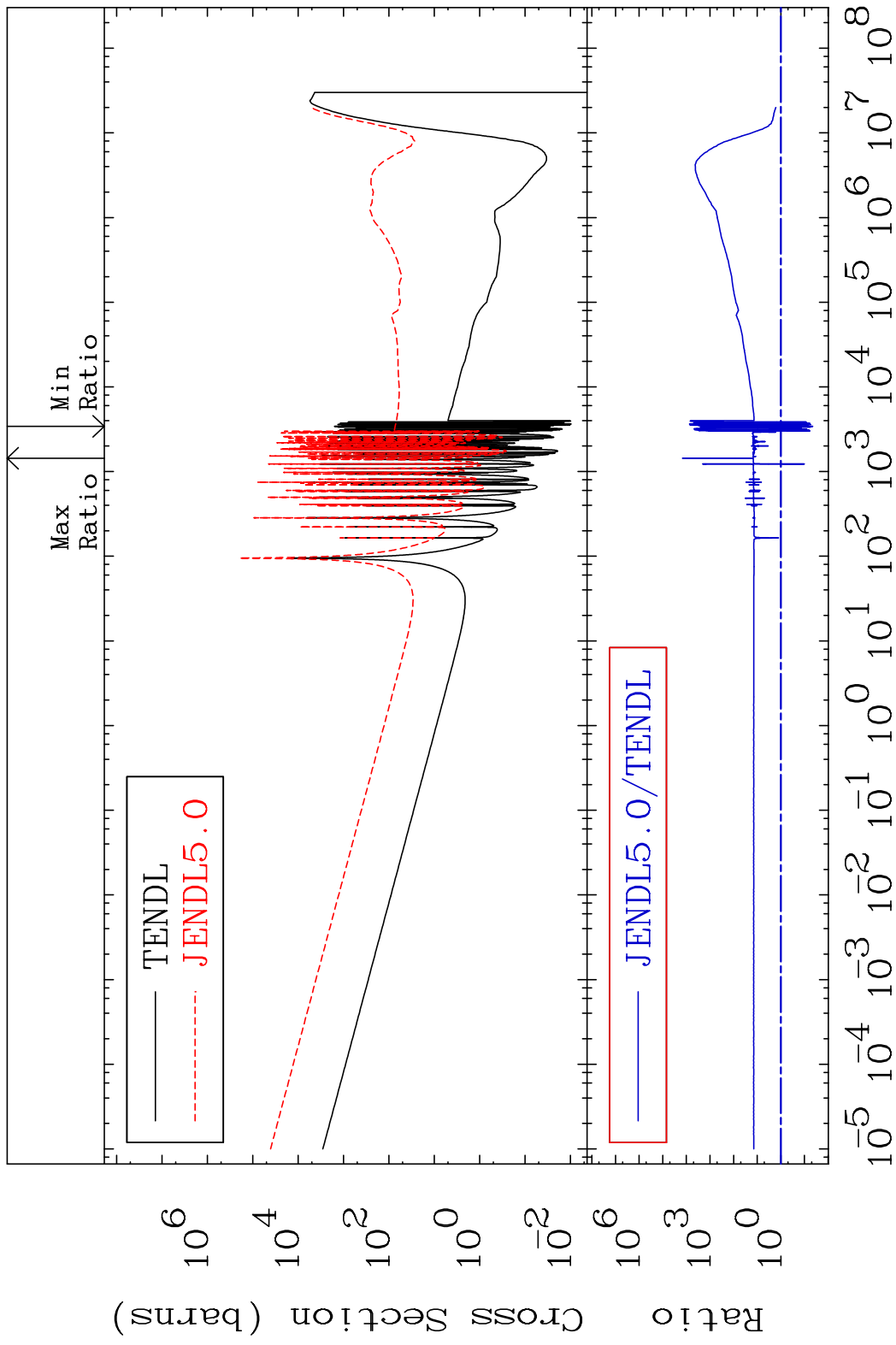
Incident Energy (eV)

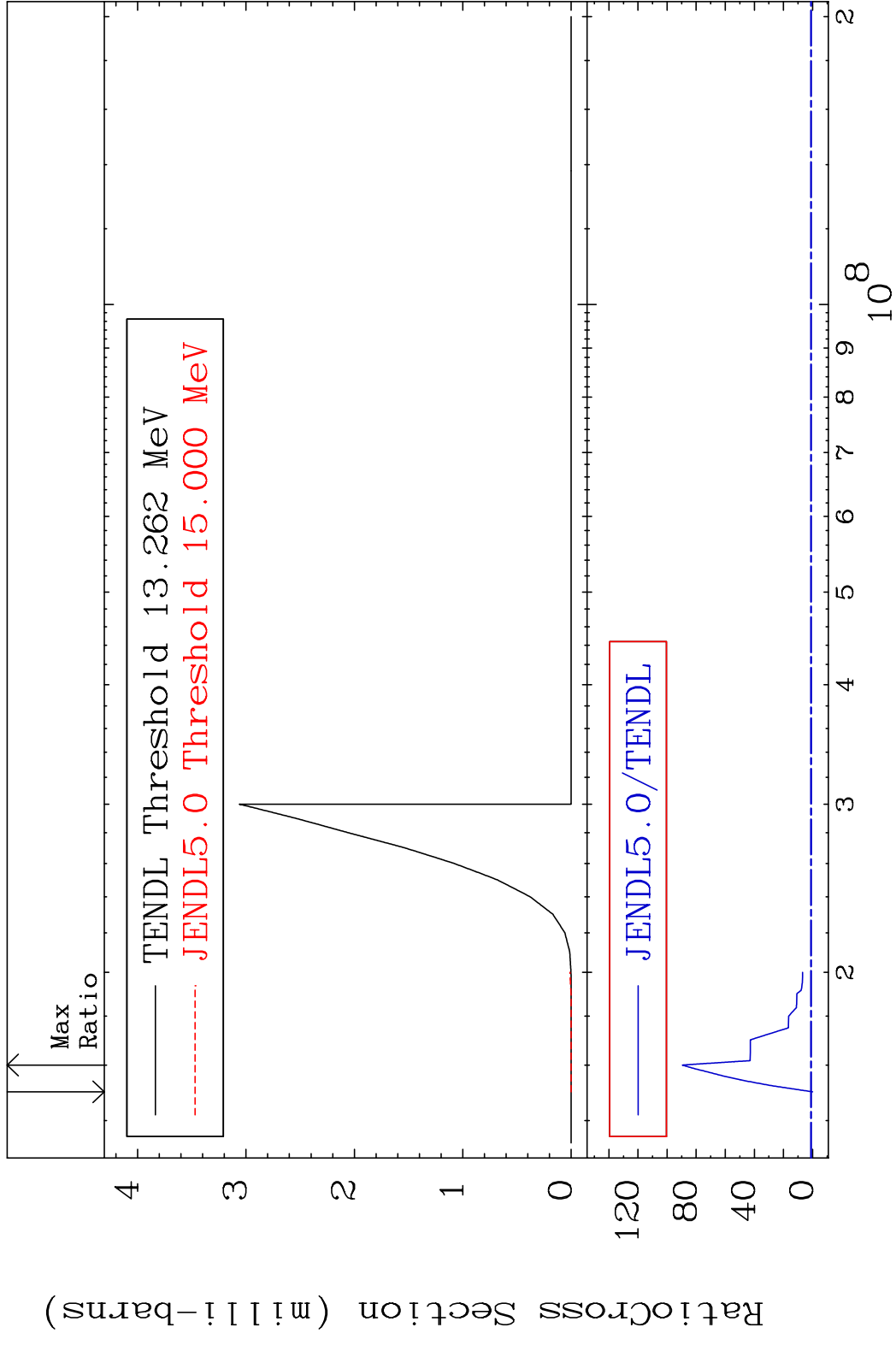
68-Er-170

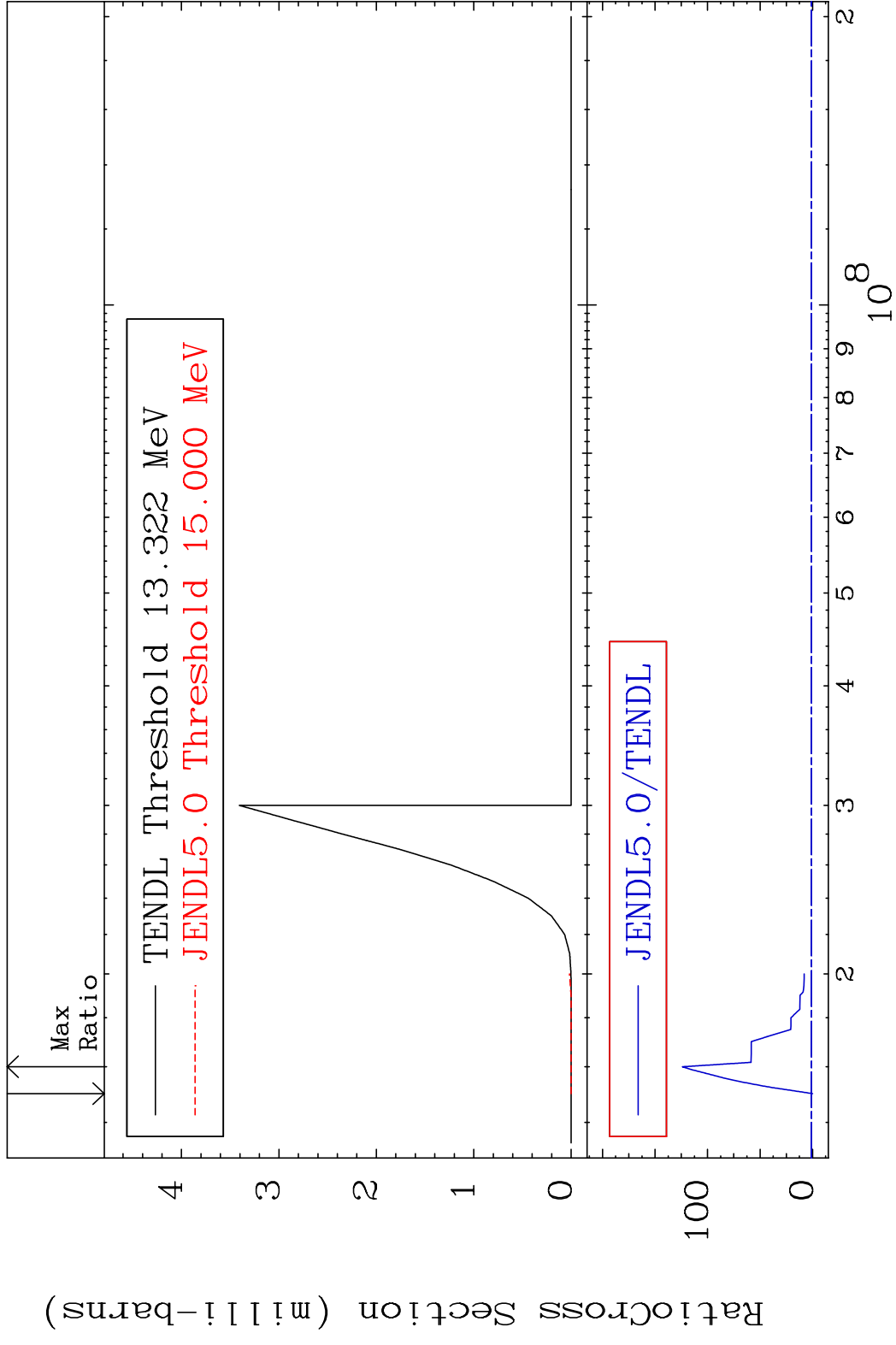
MAT 6849 Dpa inelastic (mt51-91) 68-Er-170
 Cross Section -100.0 To 1051. %

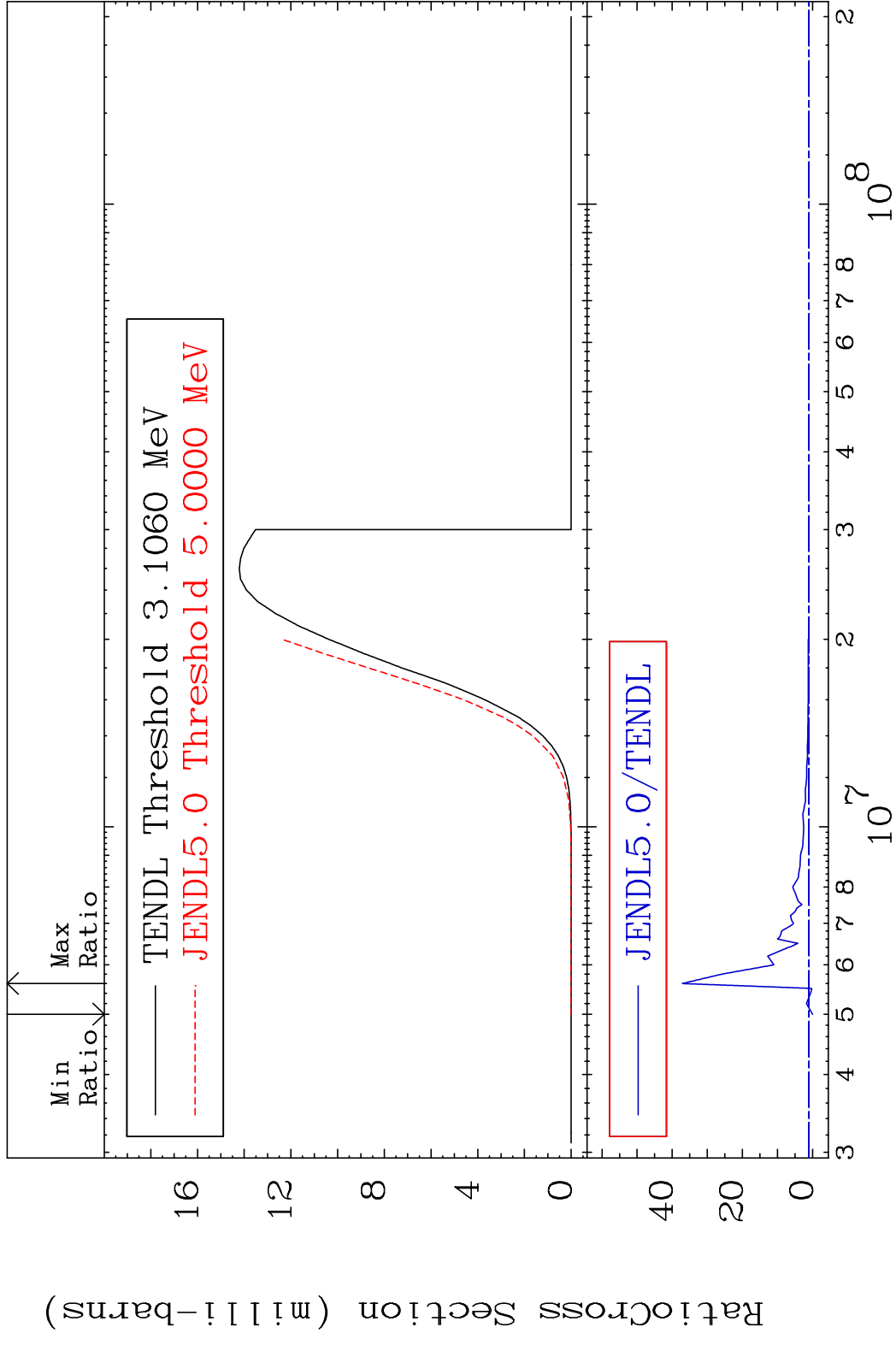


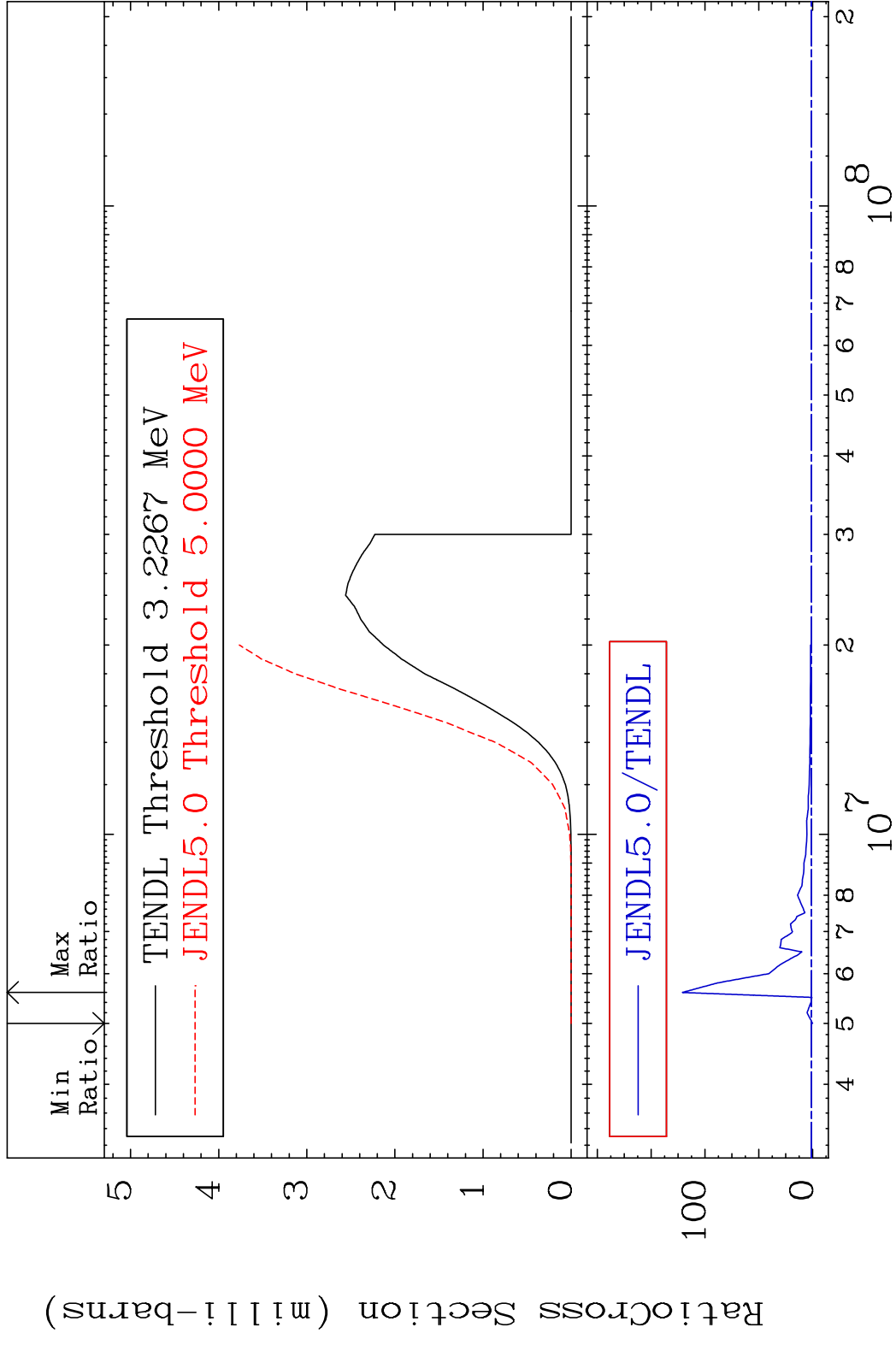
MAT 6849 Dpa disappearance (mt102 -120) 68-Er-170
 Cross Section -95.43 To 9999. %

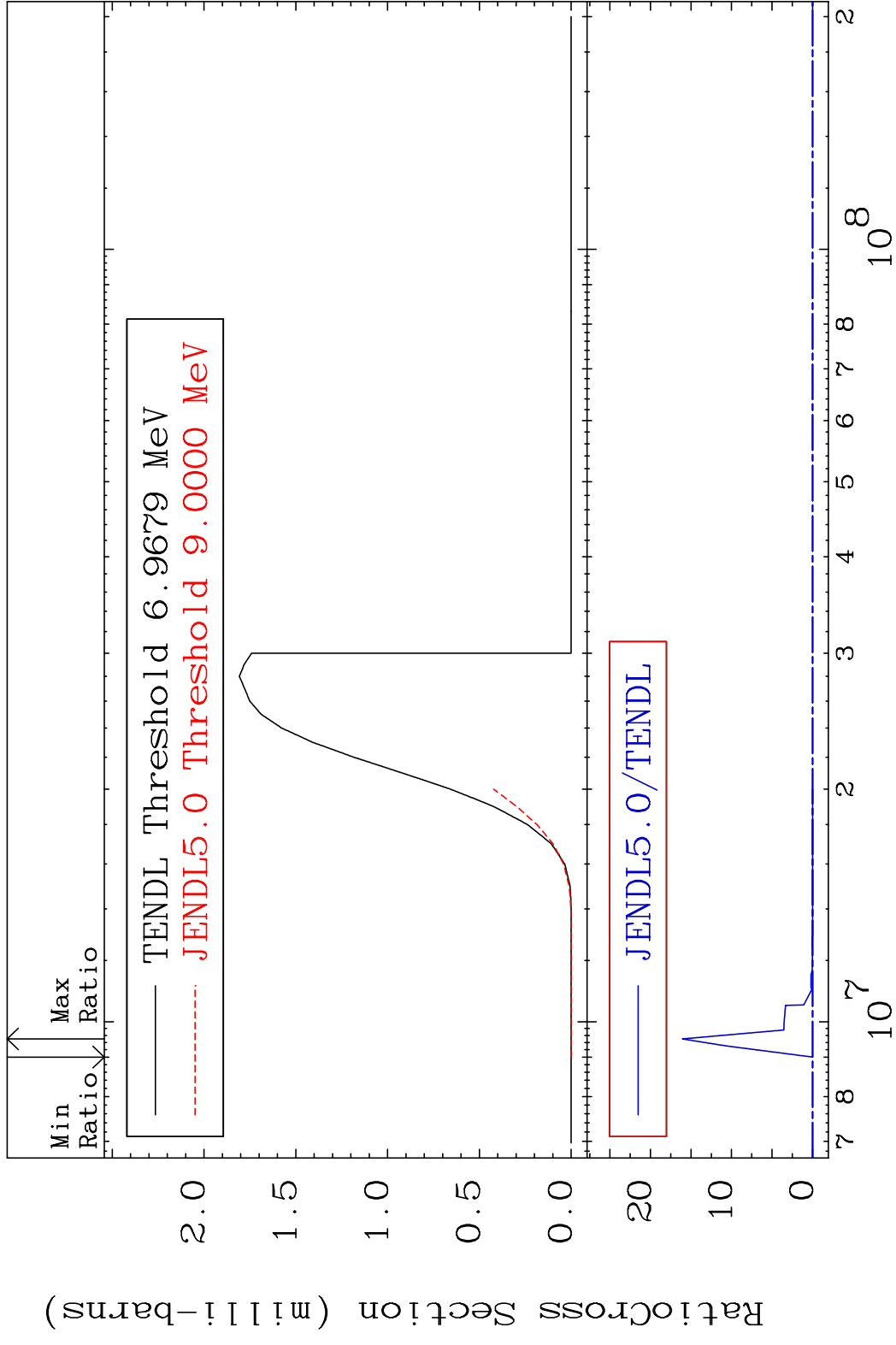


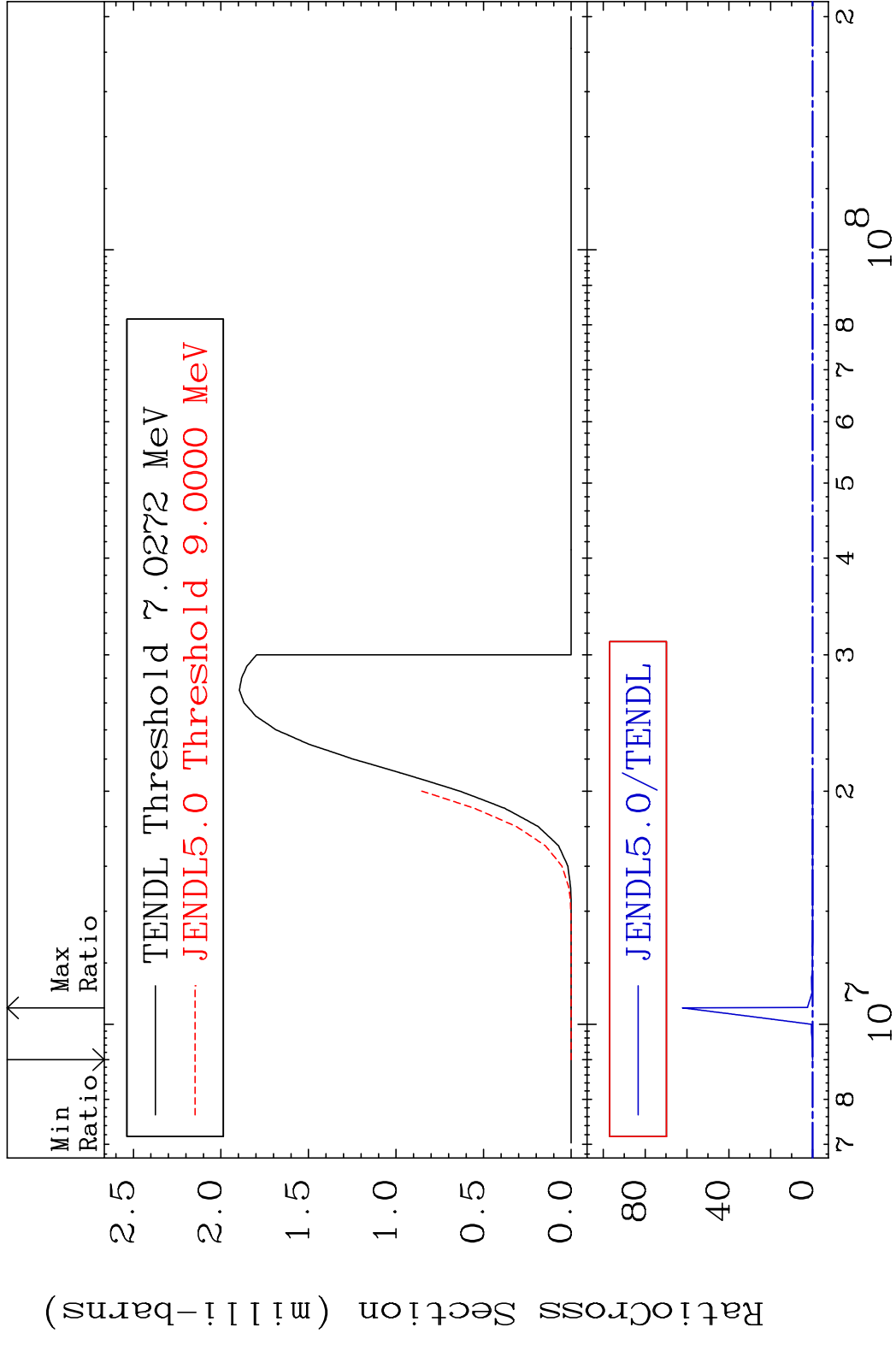






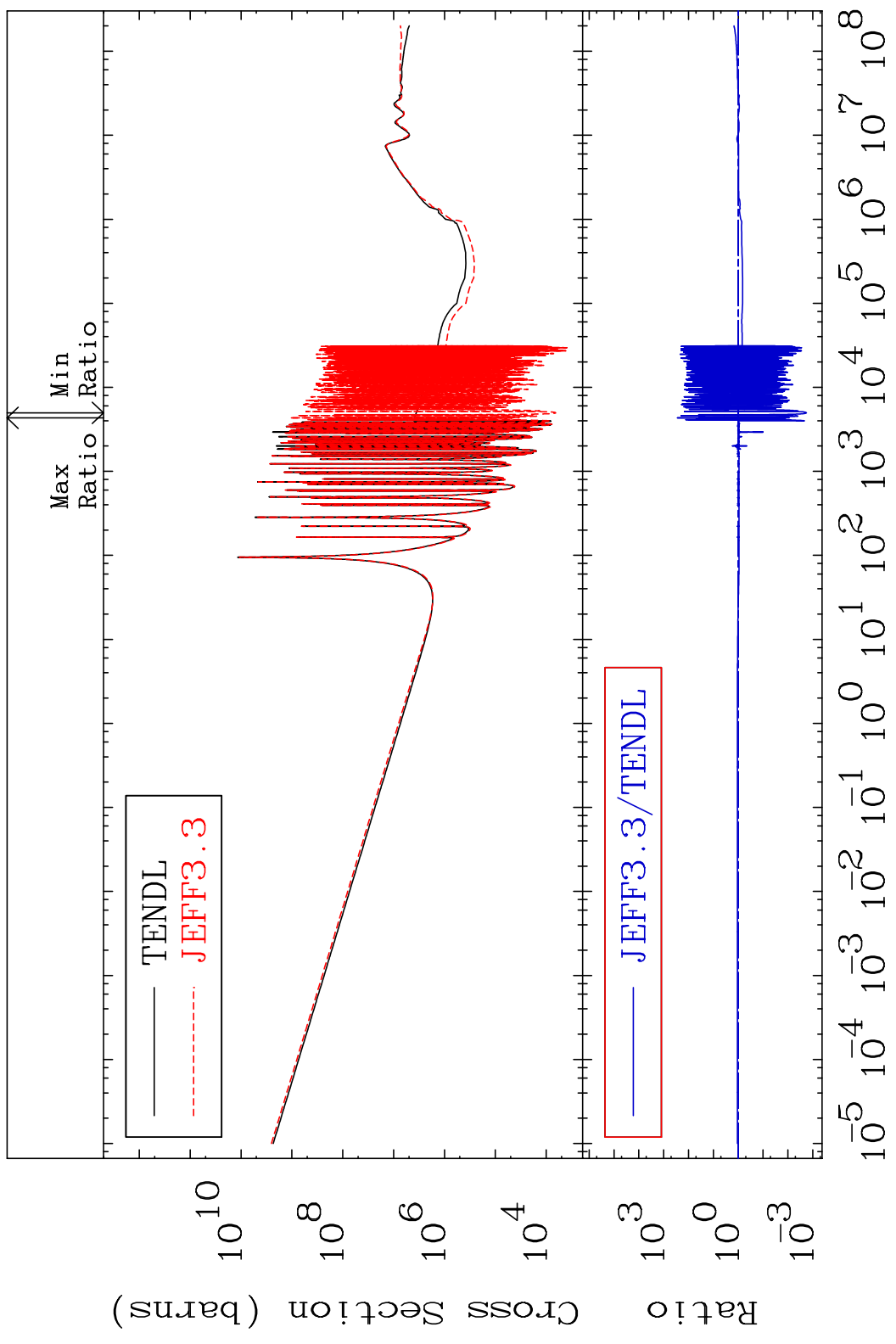




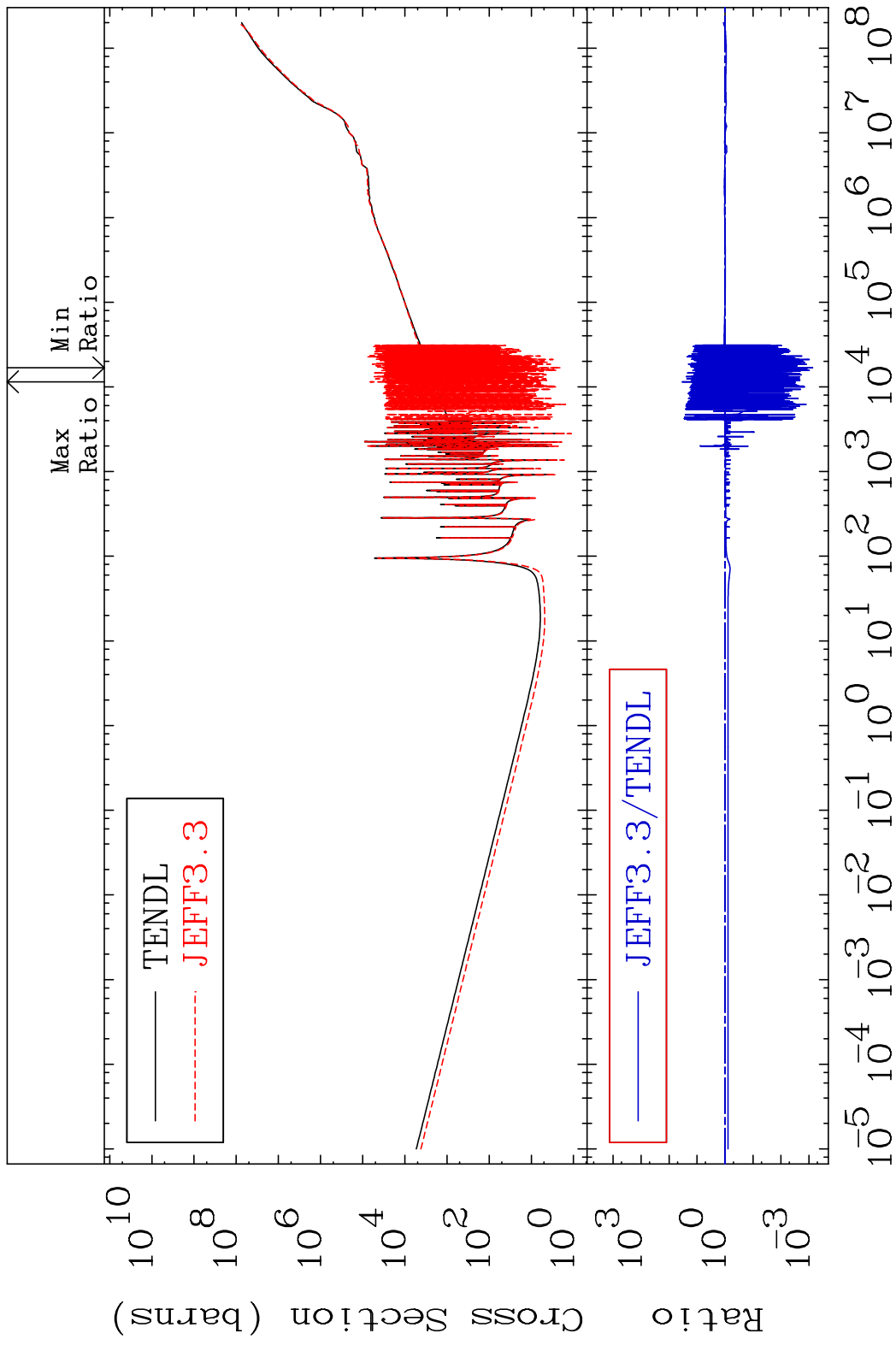


MAT 6849

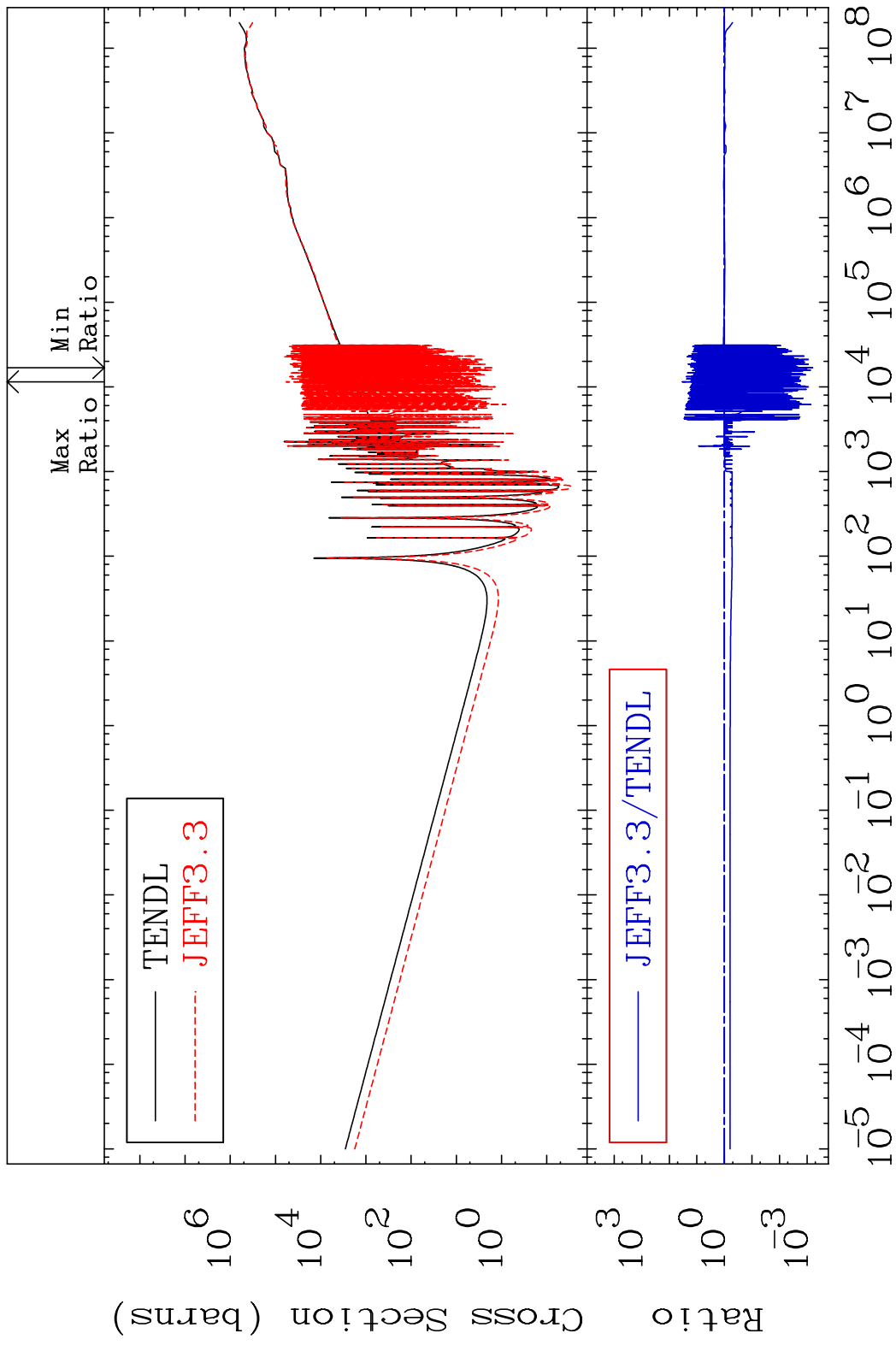
Total photon (eV-barns) 68-Er-170
Cross Section -99.82 To 9999. %



MAT 6849 Total kinematic kerma (high limit) 68-Er-170
Cross Section -99.93 To 3257. %



MAT 6849 Dpa total (eV-barns) 68-Er-170
 Cross Section -99.94 To 3255. %

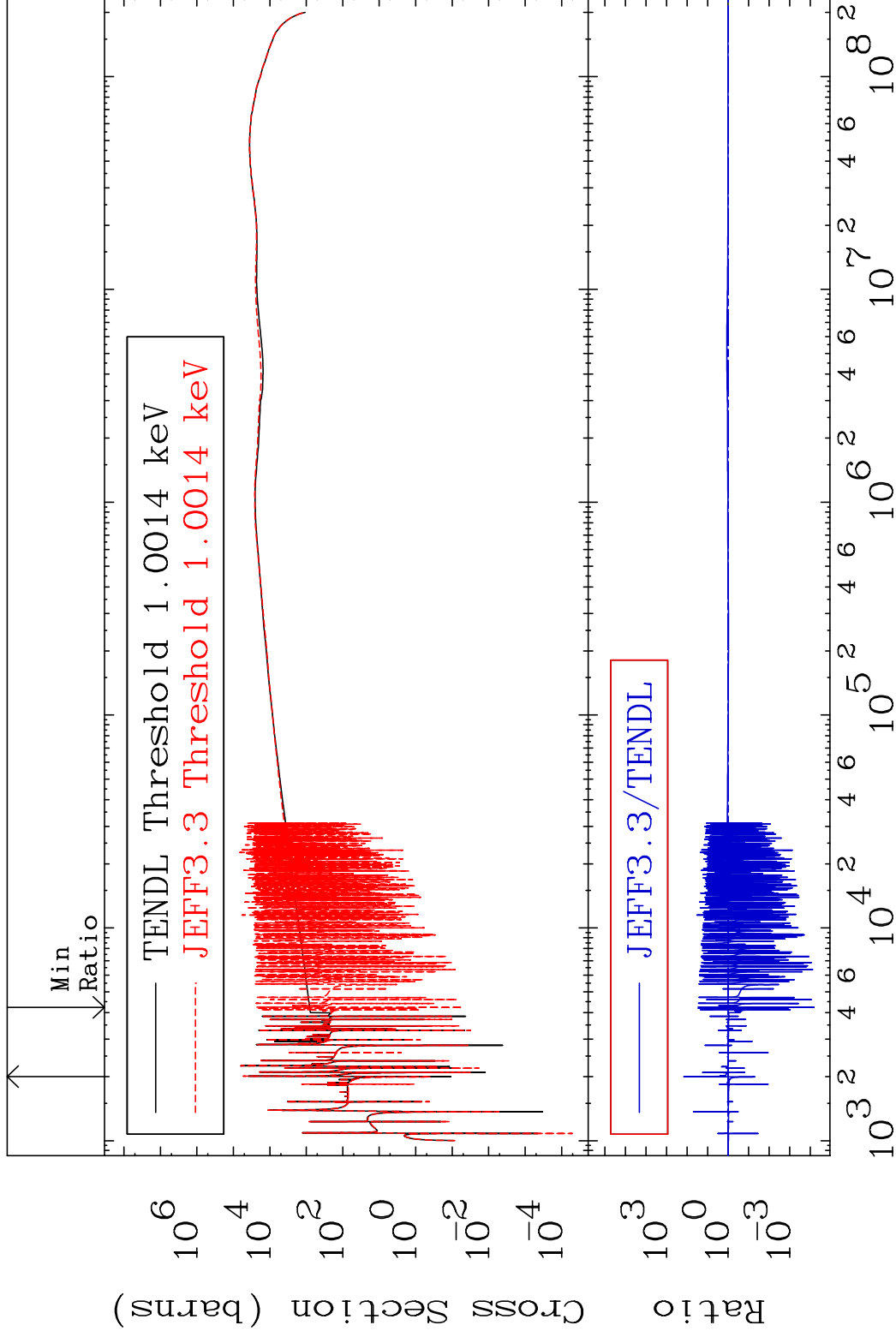


MAT 6849

Dpa elastic (mt2)

68-Er-170

Cross Section -99.99 To 9999. %

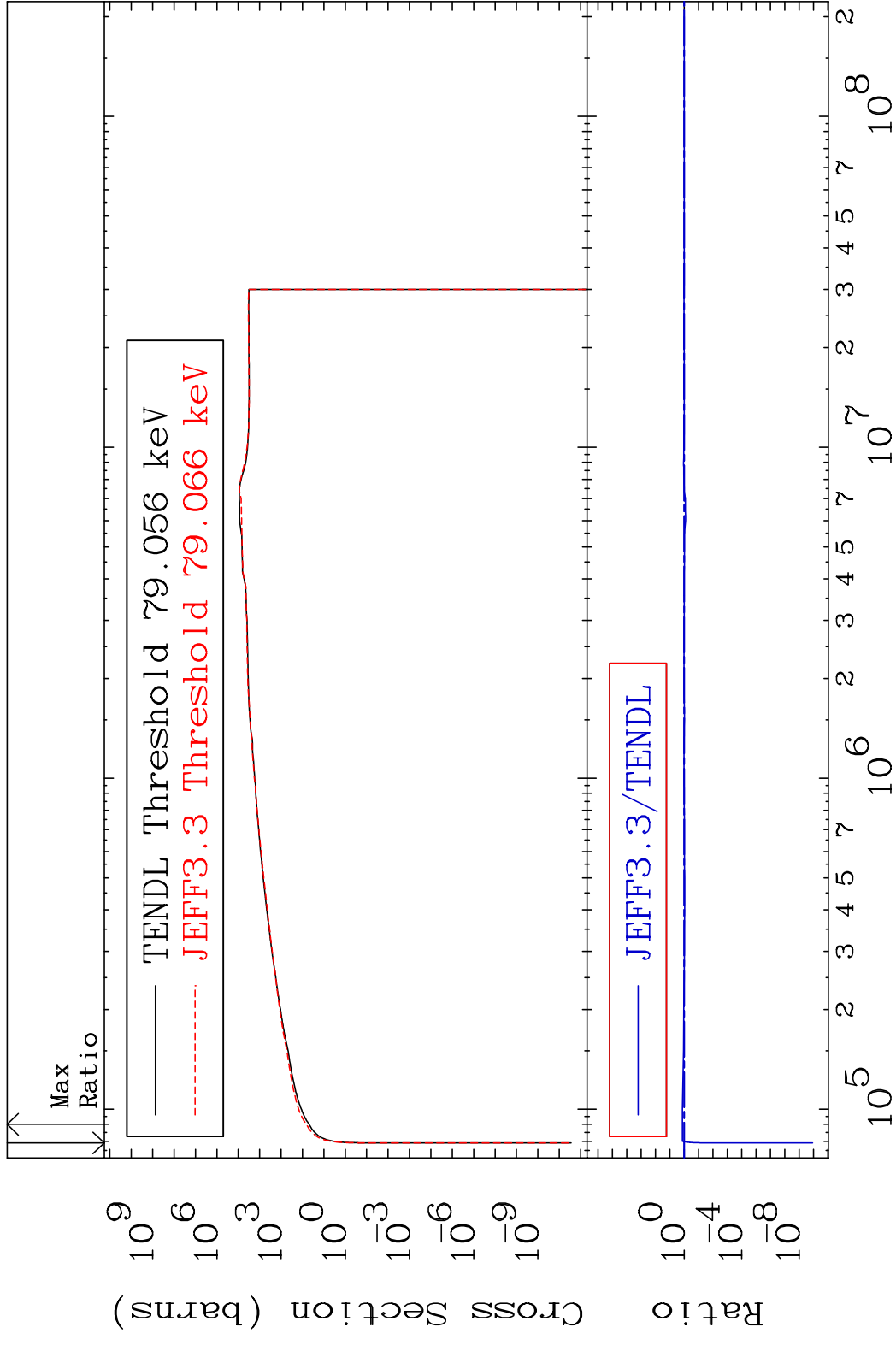


57

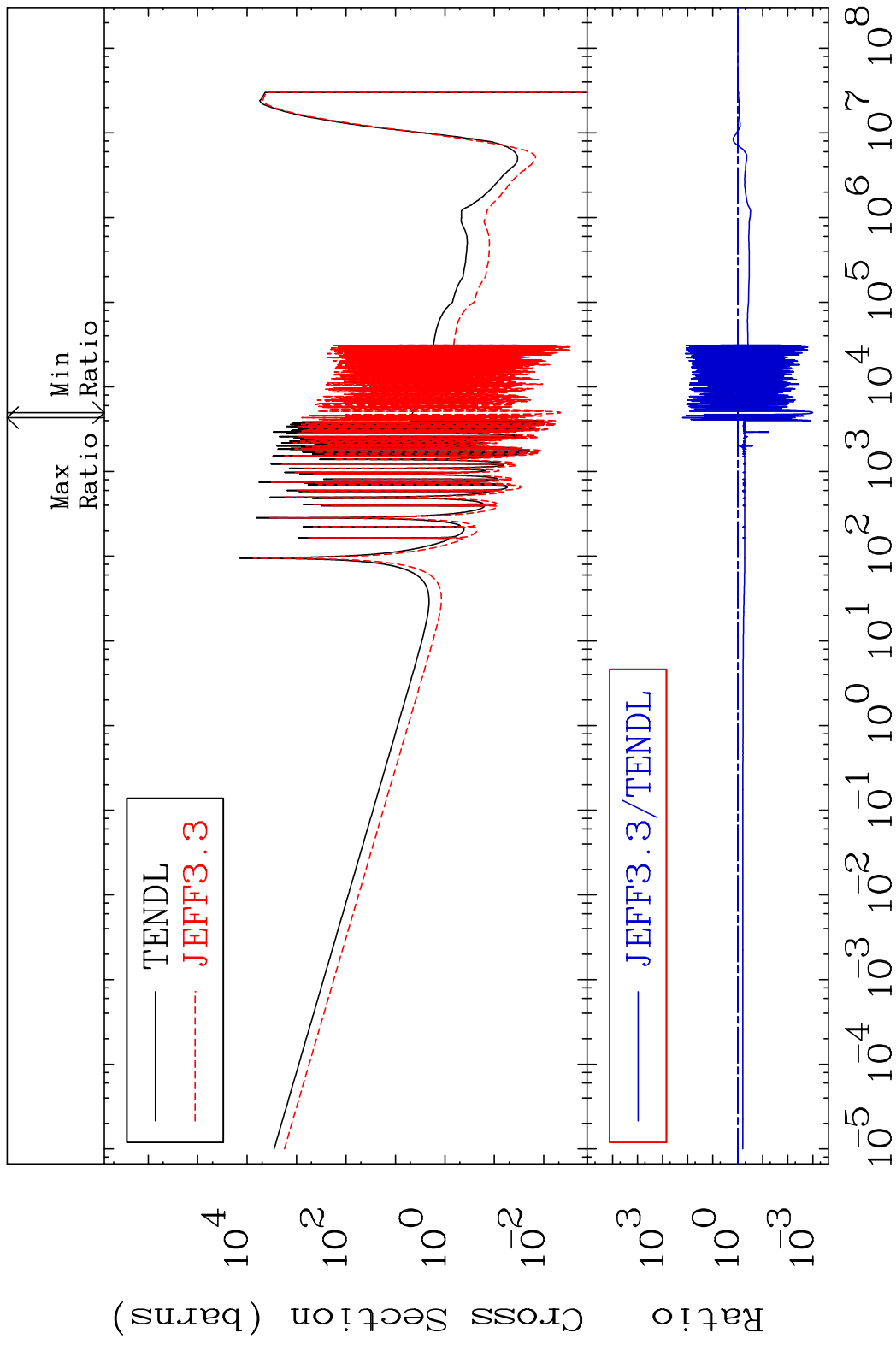
Incident Energy (eV)

68-Er-170

MAT 6849 Dpa inelastic (mt51-91) 68-Er-170
 Cross Section -100.0 To 34.71 %

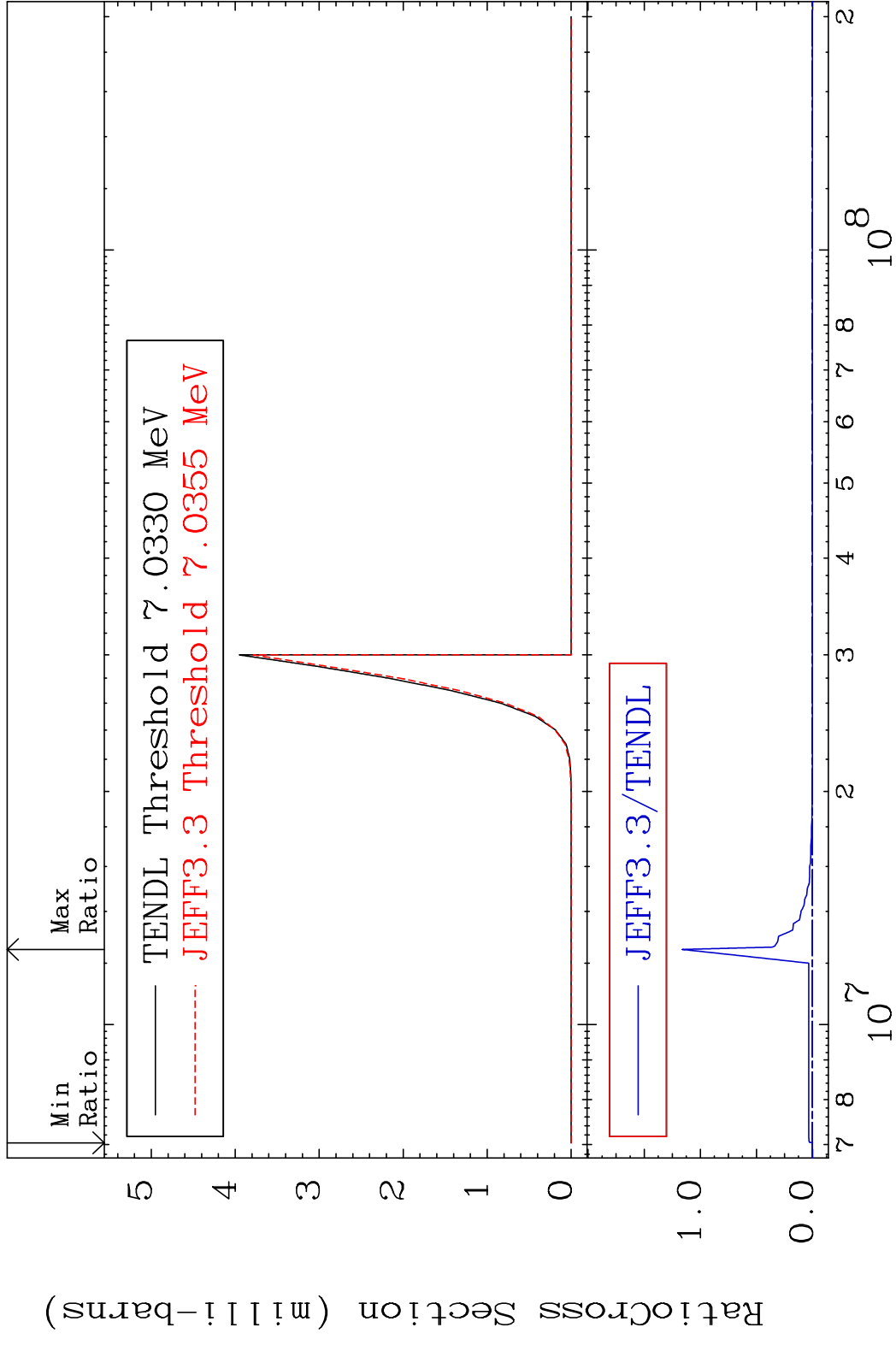


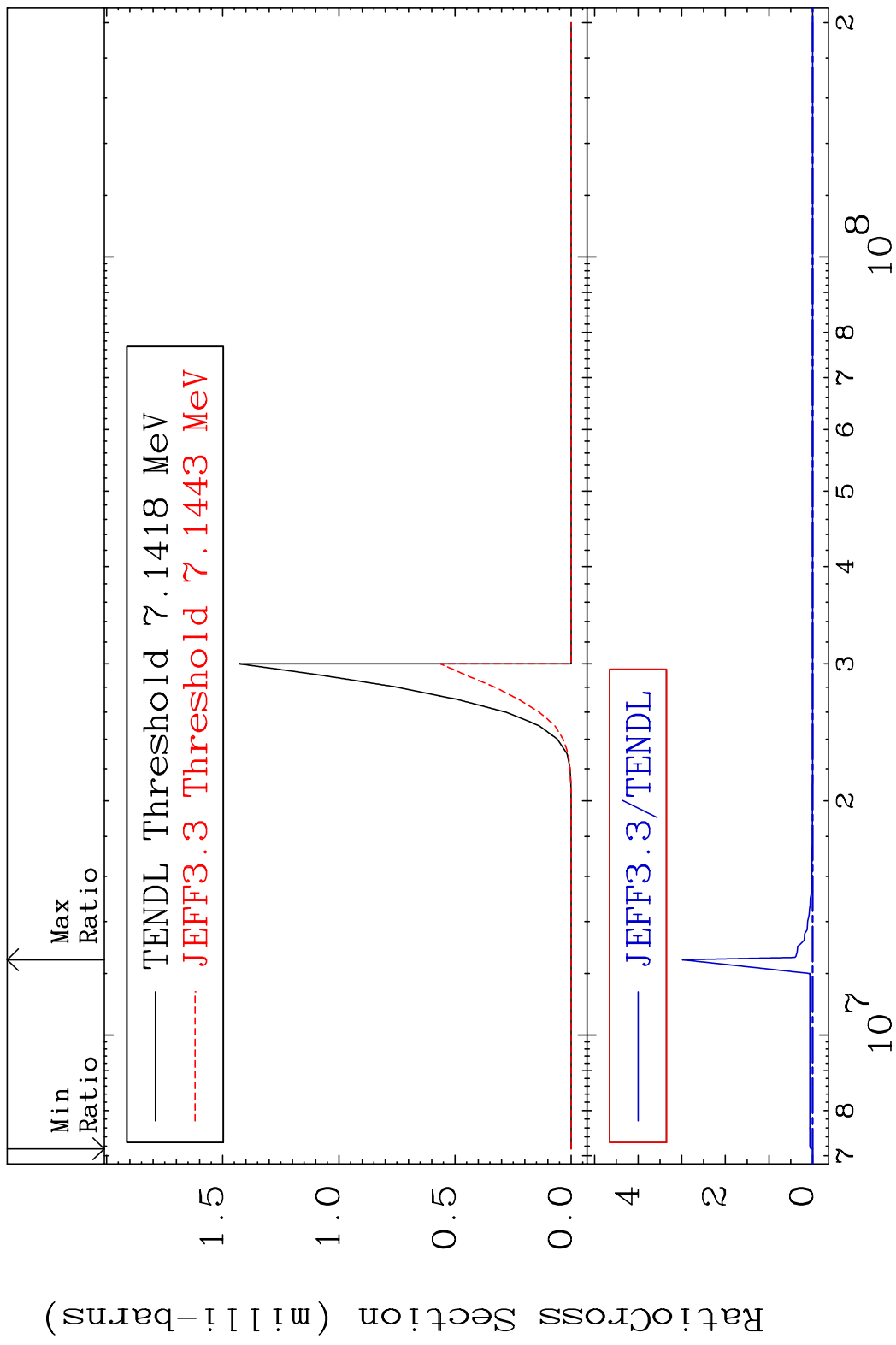
MAT 6849 Dpa disappearance (mt102 -120) 68-Er-170
 Cross Section -99.90 To 9999. %

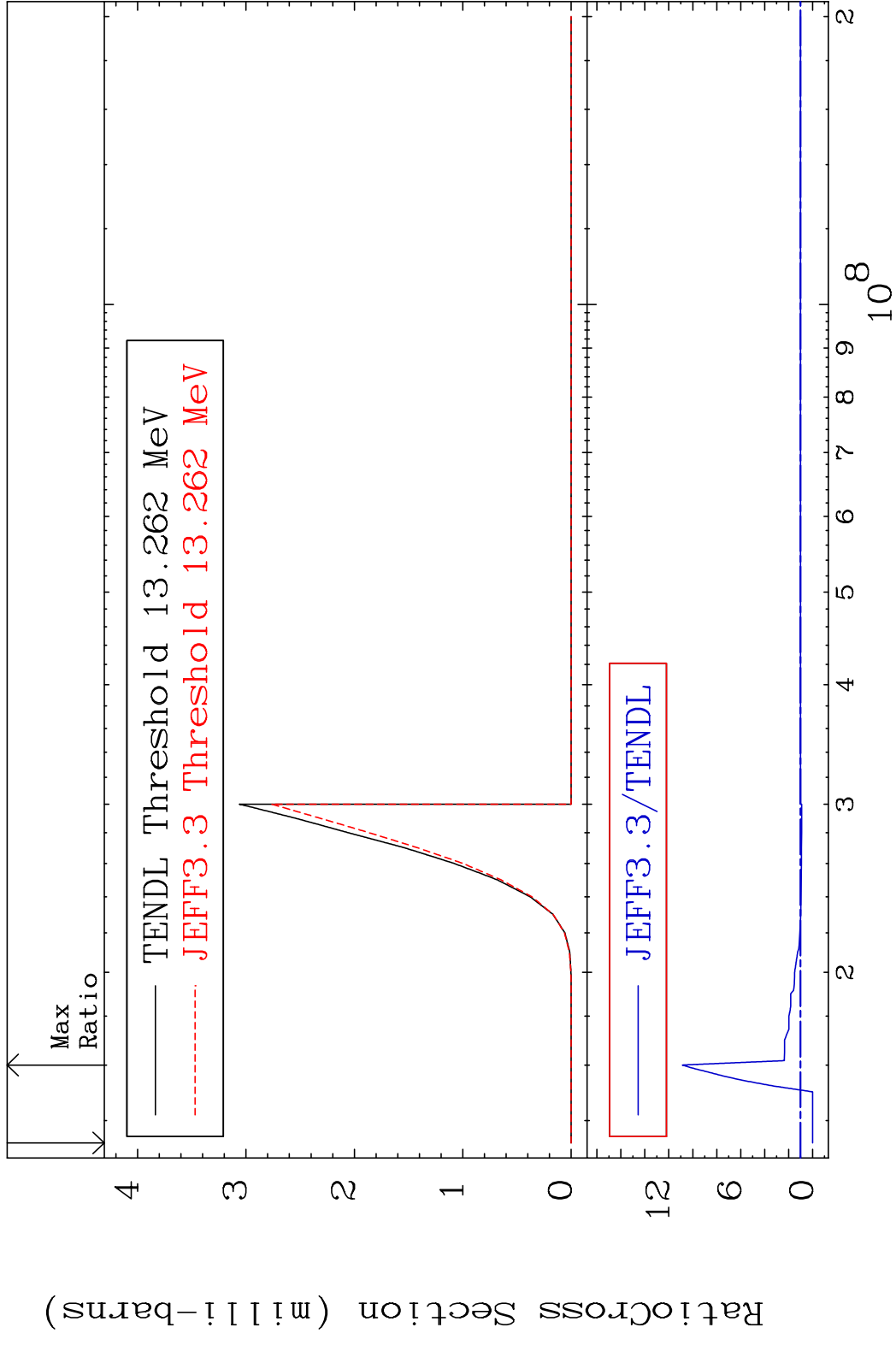


59 Incident Energy (eV) 68-Er-170

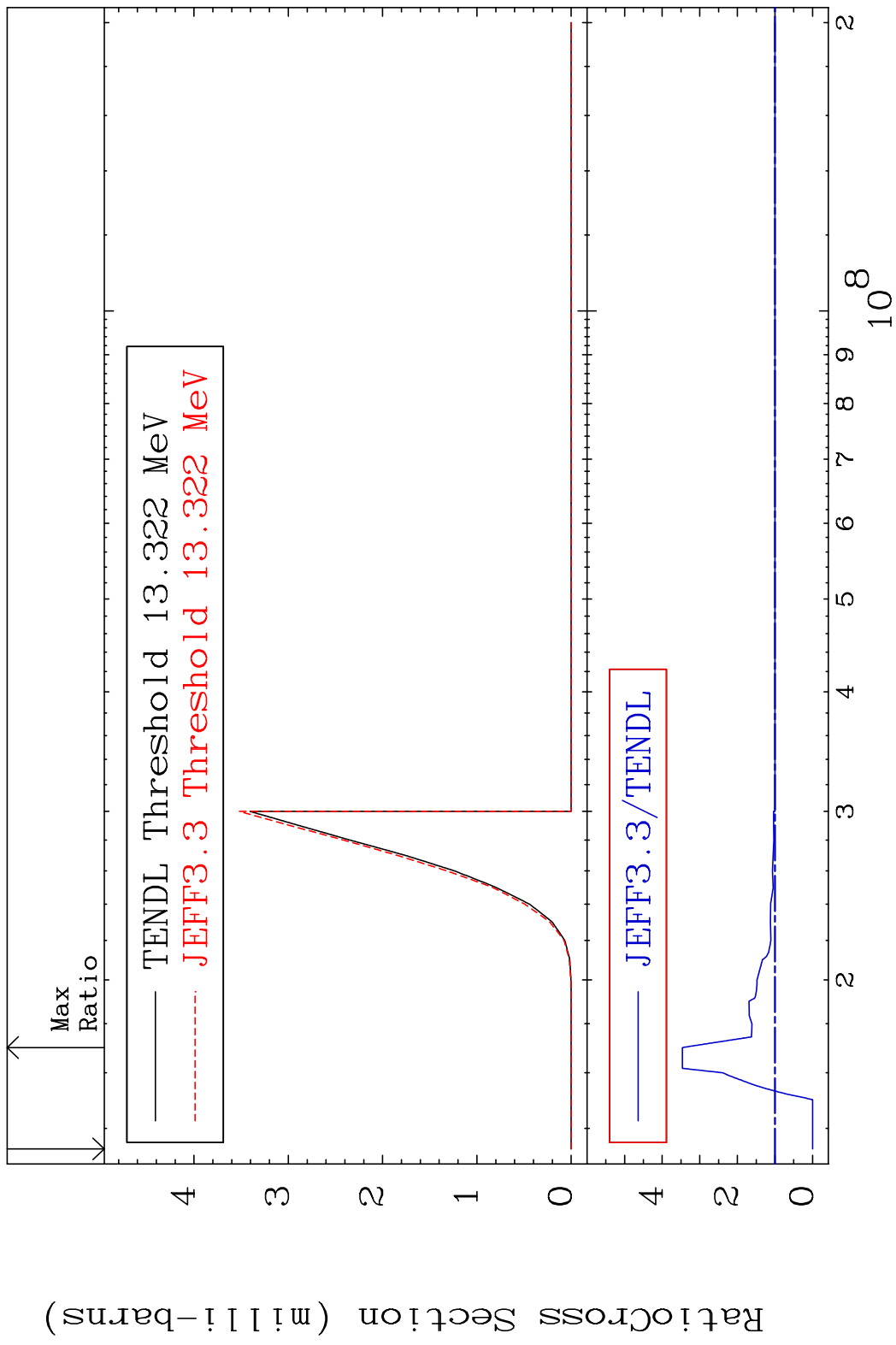
MAT 6849 (n,2n) α :66-Dy-165g 68-Er-170
 Radionuclide Production Cross Section Ratio 9999. %



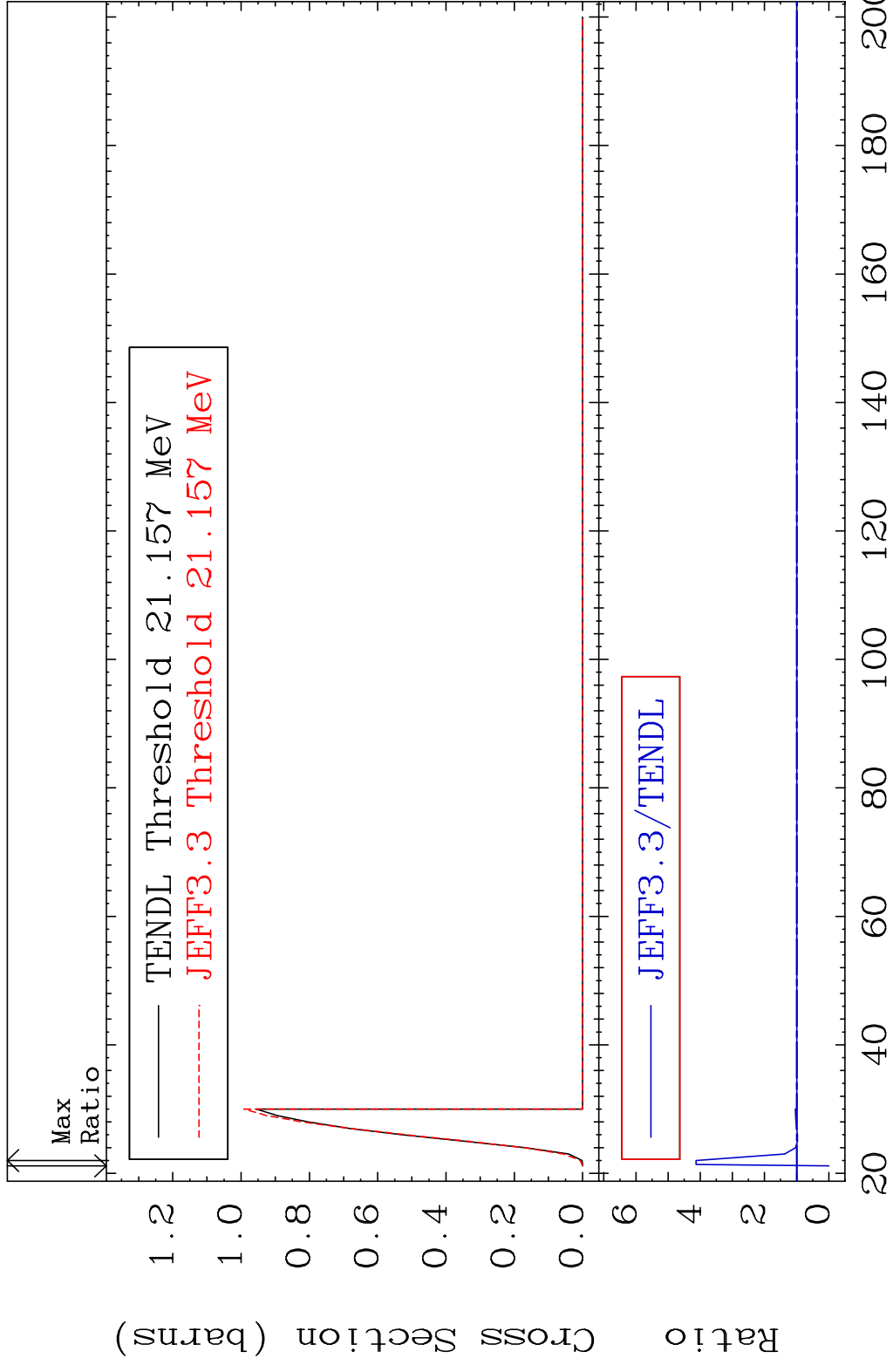




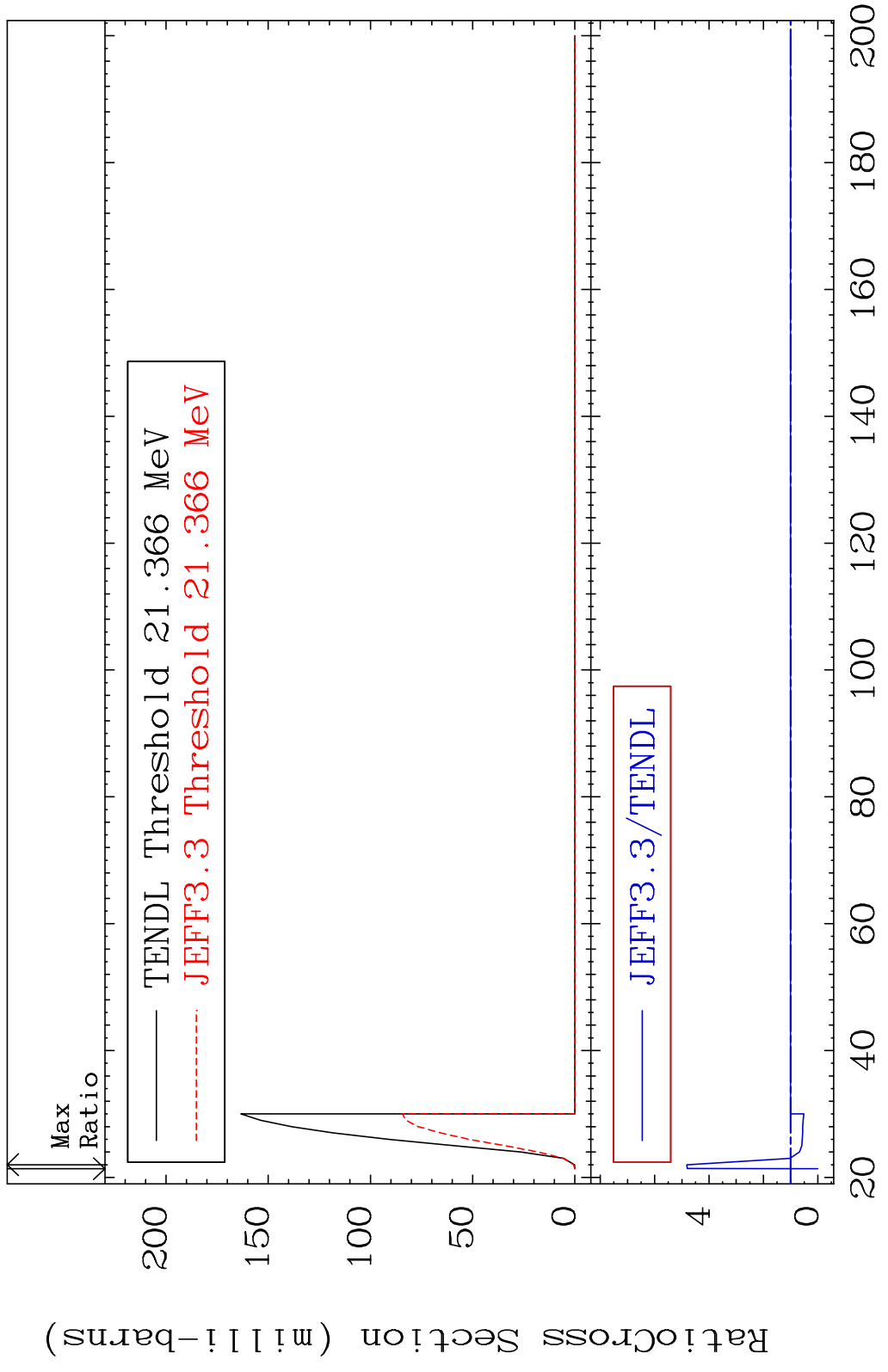
MAT 6849 (n, n') d:67-Ho-168m1 68-Er-170
 Radionuclide Production Cross Section Ratio

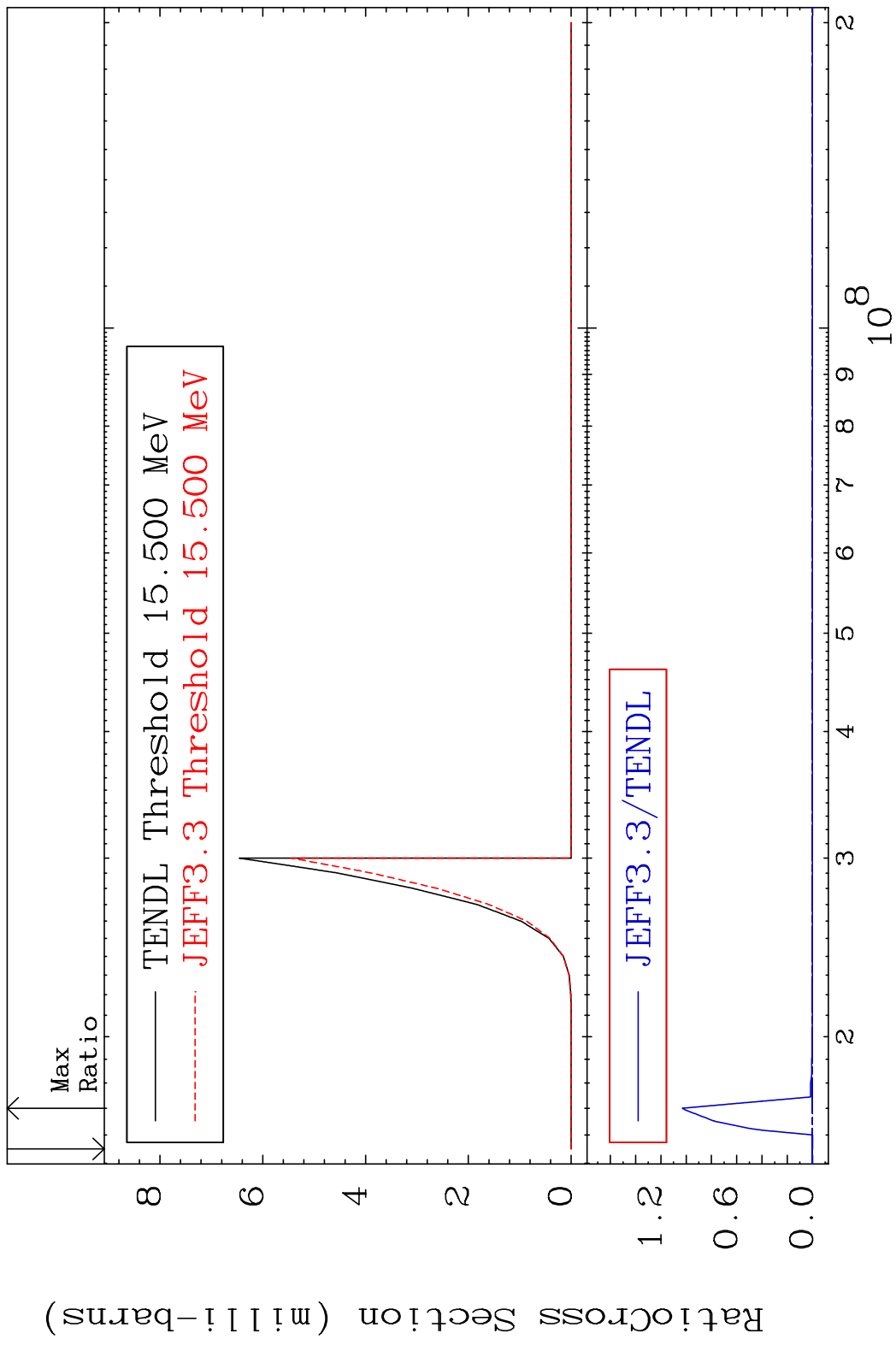


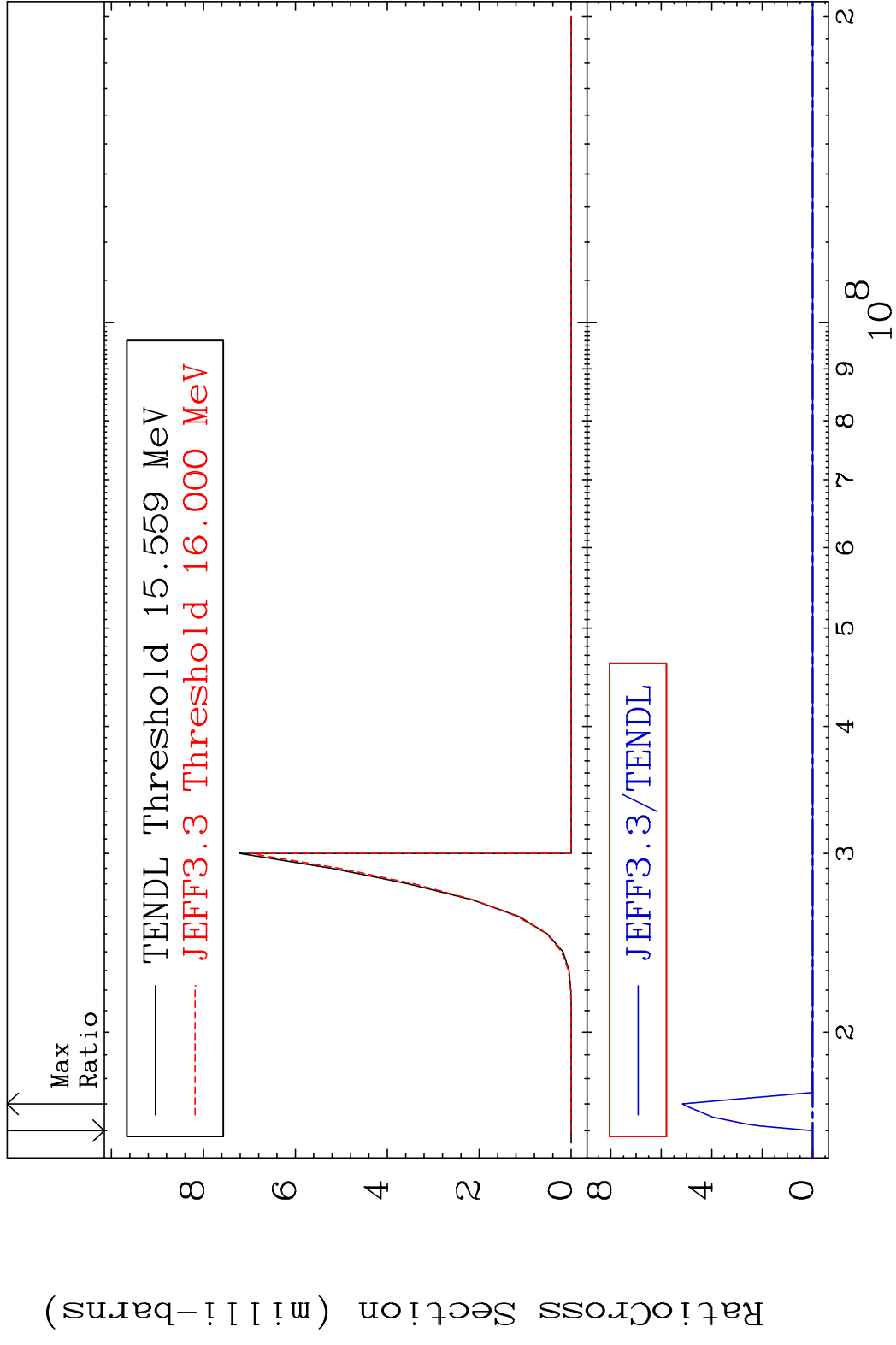
MAT 6849 (n,4n):68-Er-167g 68-Er-170
 Radionuclide Production Cross Section 180.0 dth 313.1 %

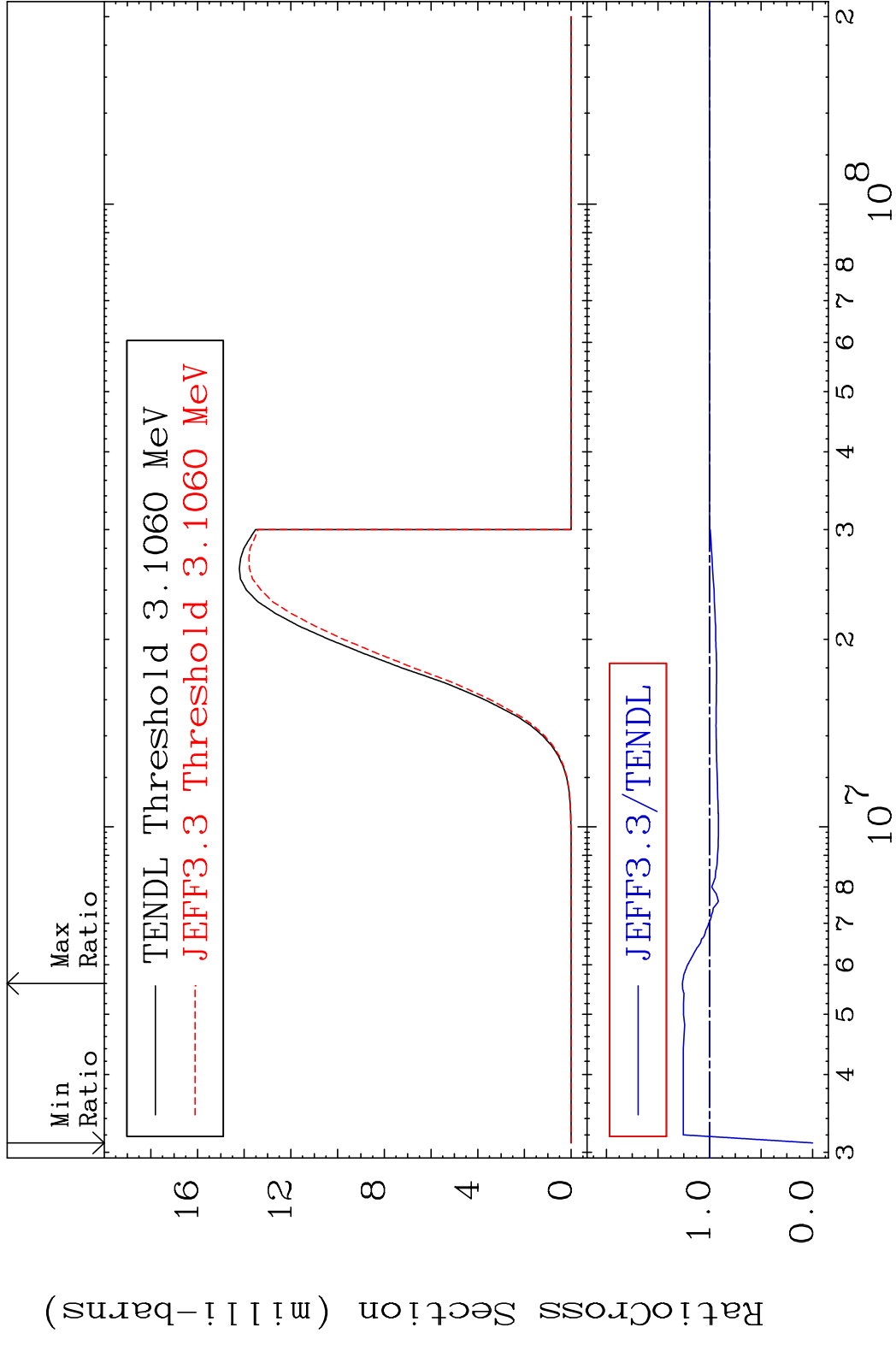


MAT 6849 (n, 4n):68-Er-167m3 68-Er-170
 Radionuclide Production Cross Section 180.0 dth 382.0 %

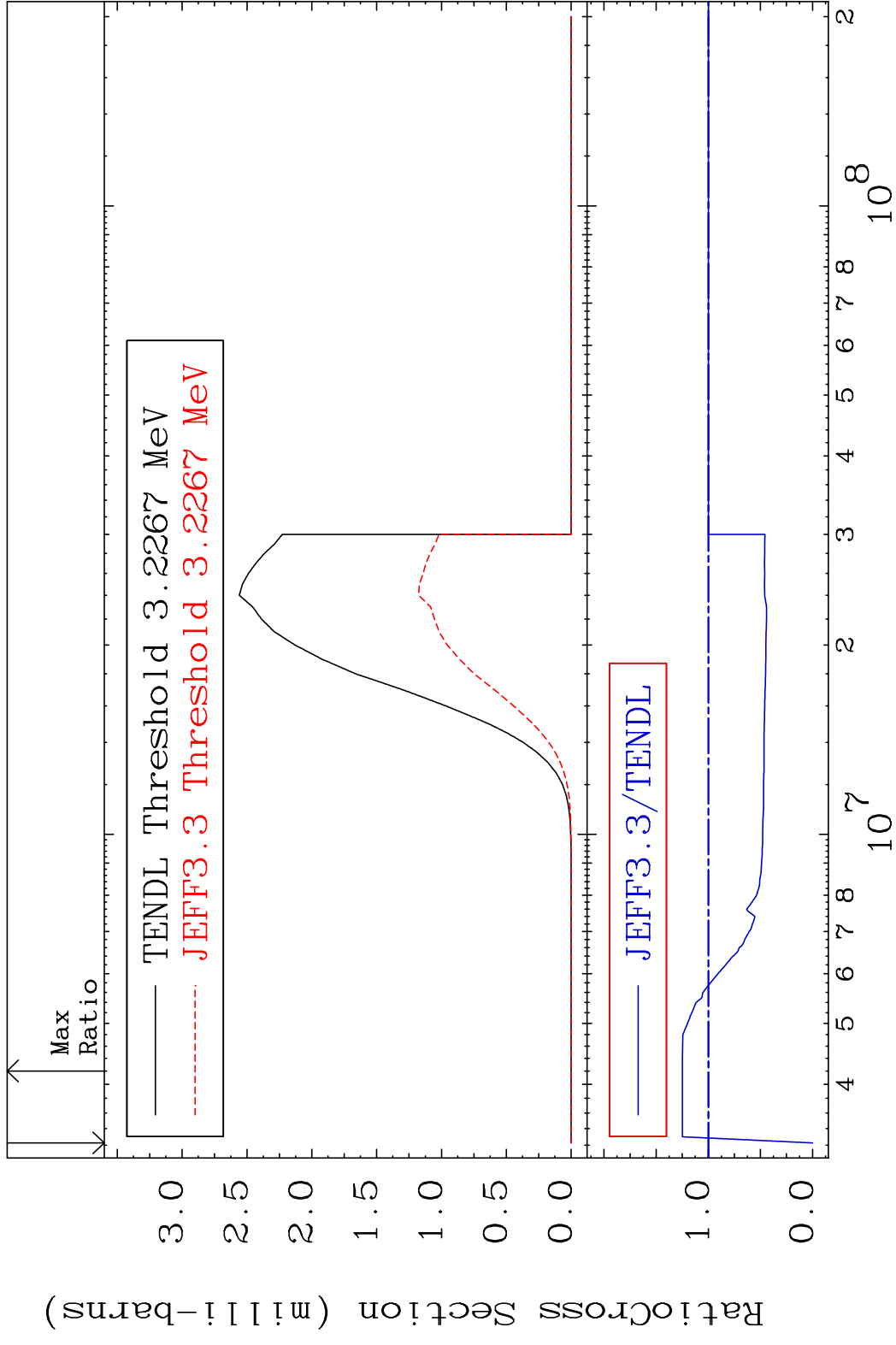




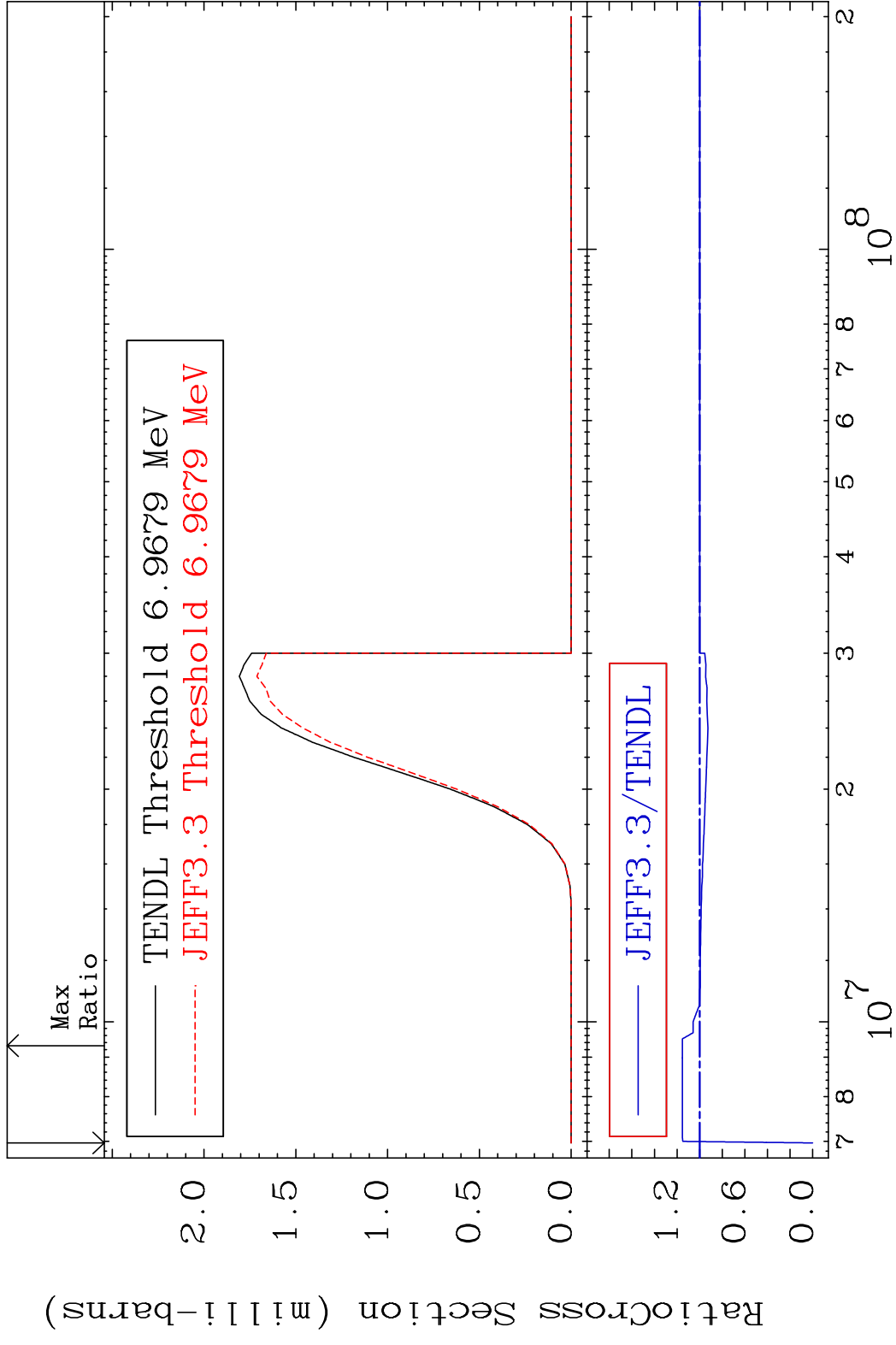




MAT 6849 (n, p): 67-Ho-170m1 68-Er-170
 Radionuclide Production Cross Section 180.0 mb 24.87 %



MAT 6849 (n,t):67-Ho-168g 68-Er-170
 Radionuclide Production Cross Section 15.30 %



70 Incident Energy (eV) 68-Er-170

MAT 6849 (n, t):67-Ho-168m1 68-Er-170
 Radionuclide Production Cross Section 15.64 %

