

Program Complot
(Version 2021-1)

by

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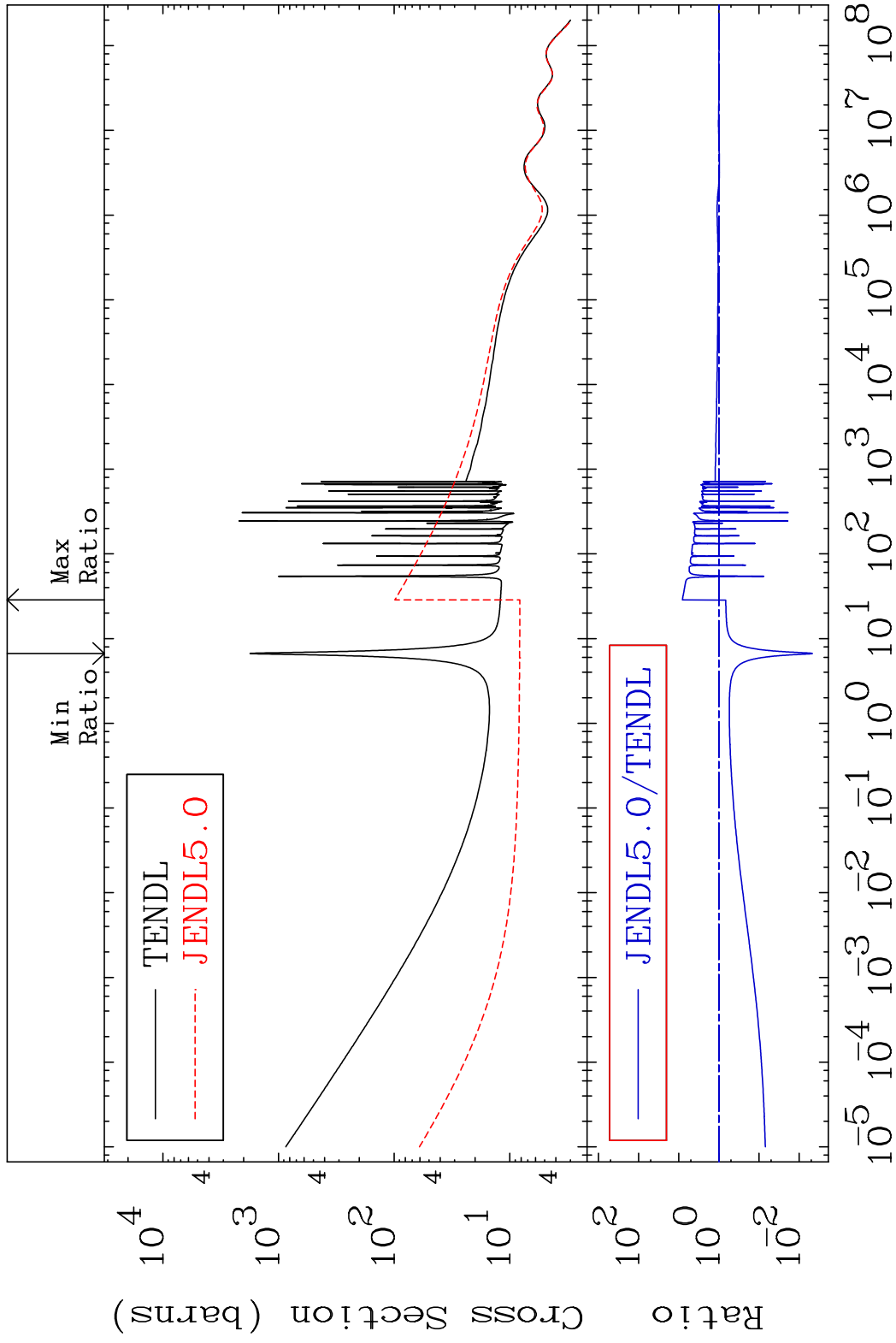
Press Mouse Button to Start

MAT 8316

Total

83-Bi-206

Cross Section -99.53 To 717.0 %

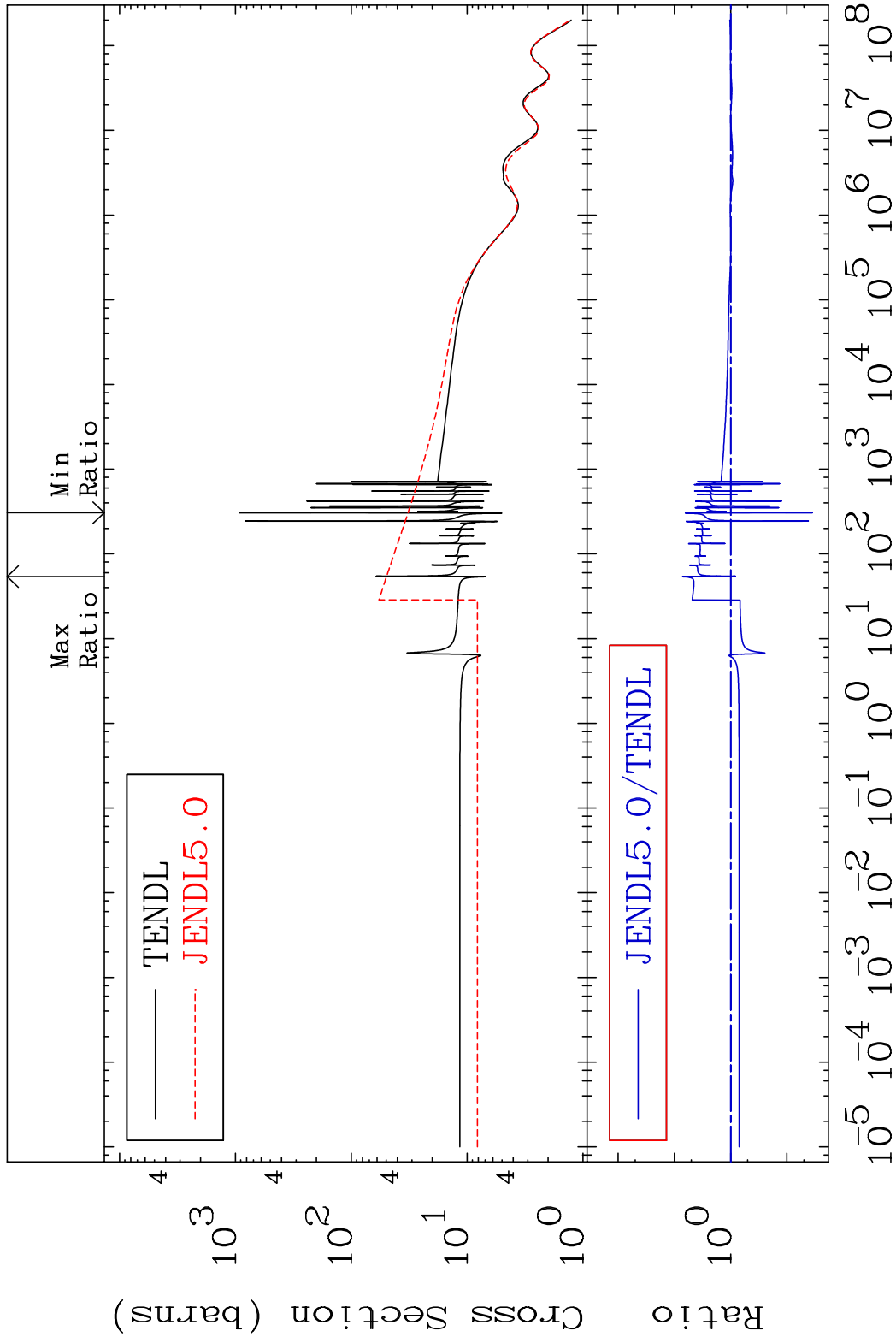


MAT 8316

Elastic

83-Bi-206

Cross Section -96.50 To 622.9 %

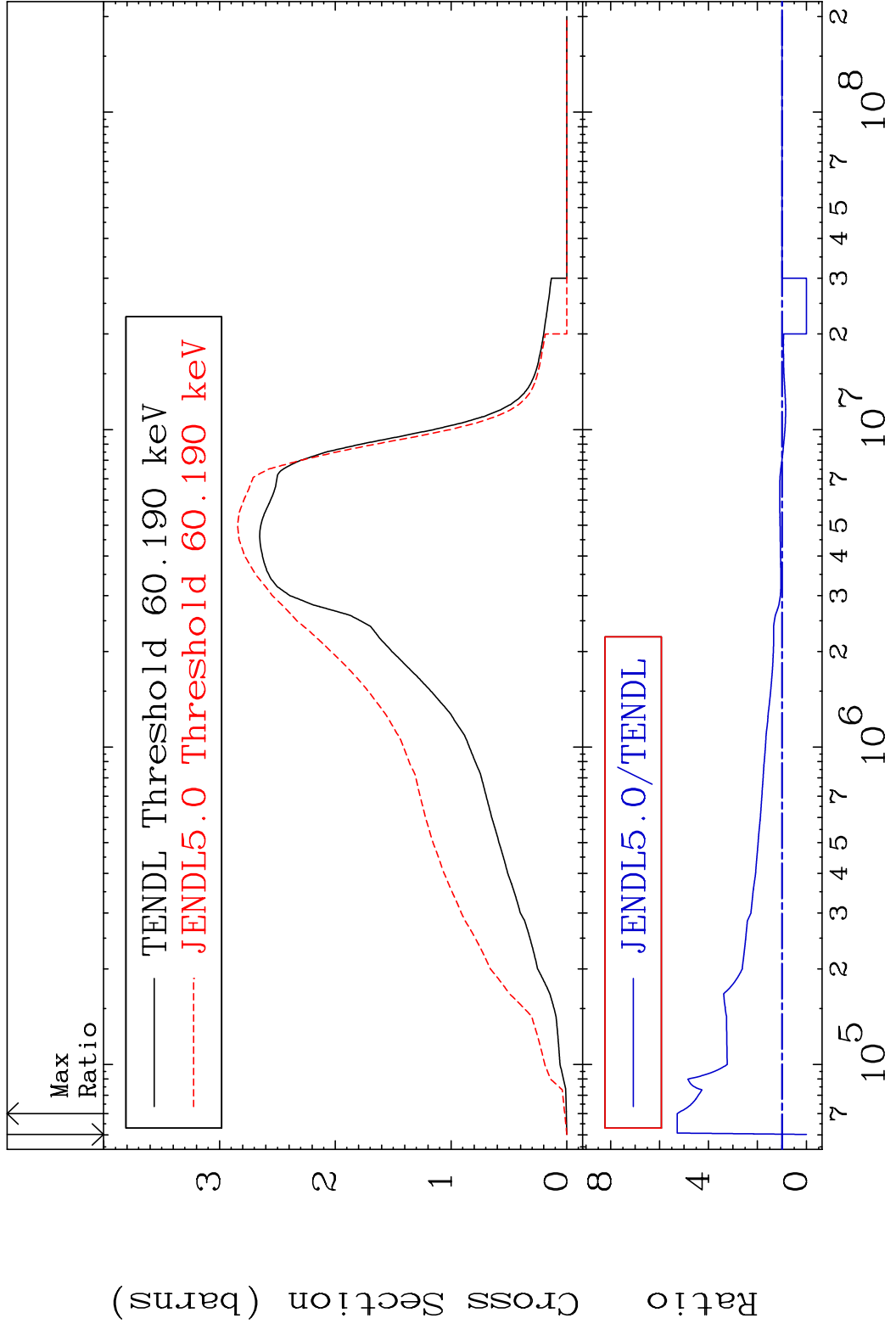


2

Incident Energy (eV)

83-Bi-206

MAT 8316 Inelastic 83-Bi-206
 Cross Section -100.0 To 427.9 %



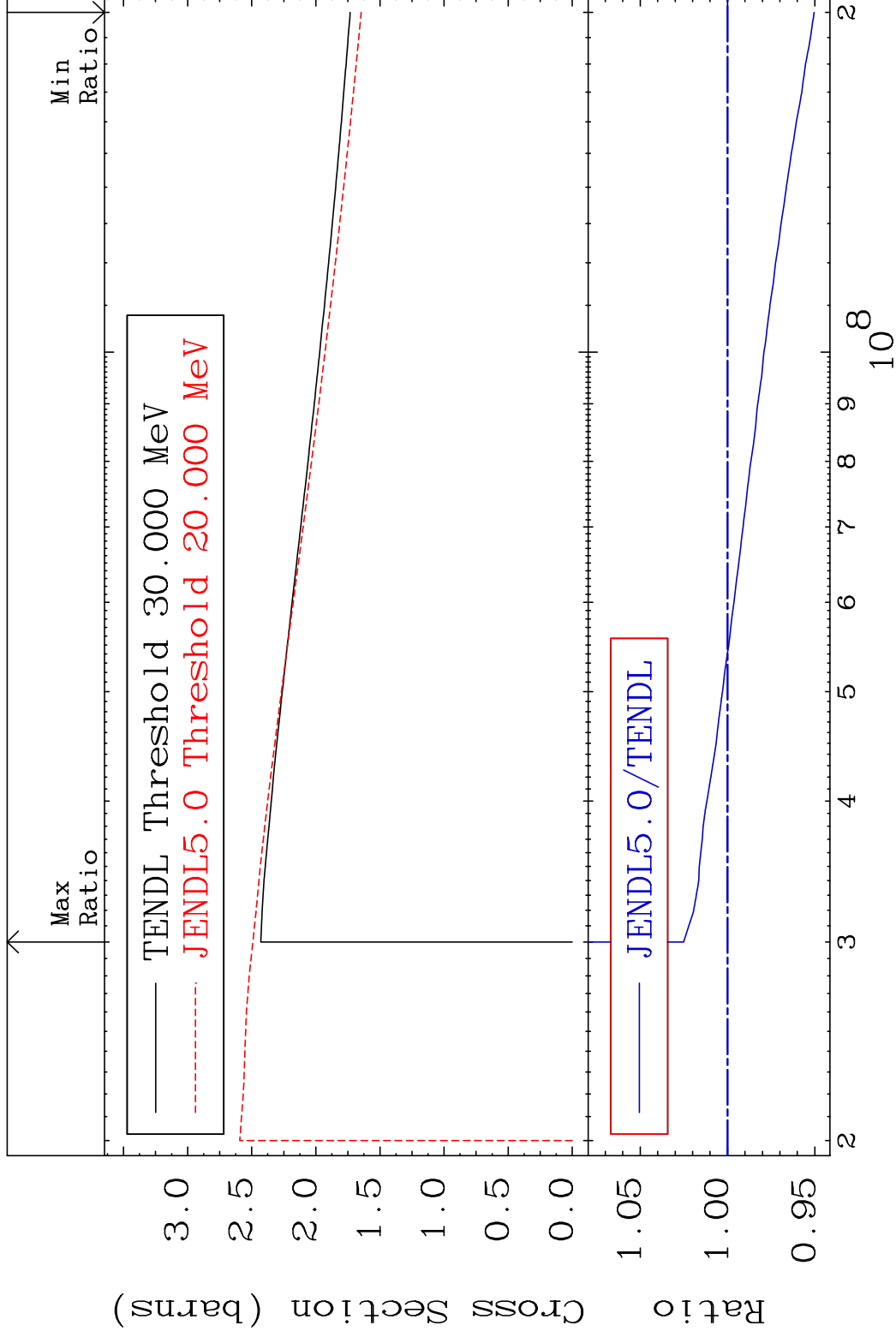
3 8 4 0 2 3 4 5 7 10⁵ 10⁶ 10⁷ 10⁸ 83-Bi-206

MAT 8316

(n, remainder)

83-Bi-206

Cross Section -4.959 To 2.513 %



4

Incident Energy (eV)

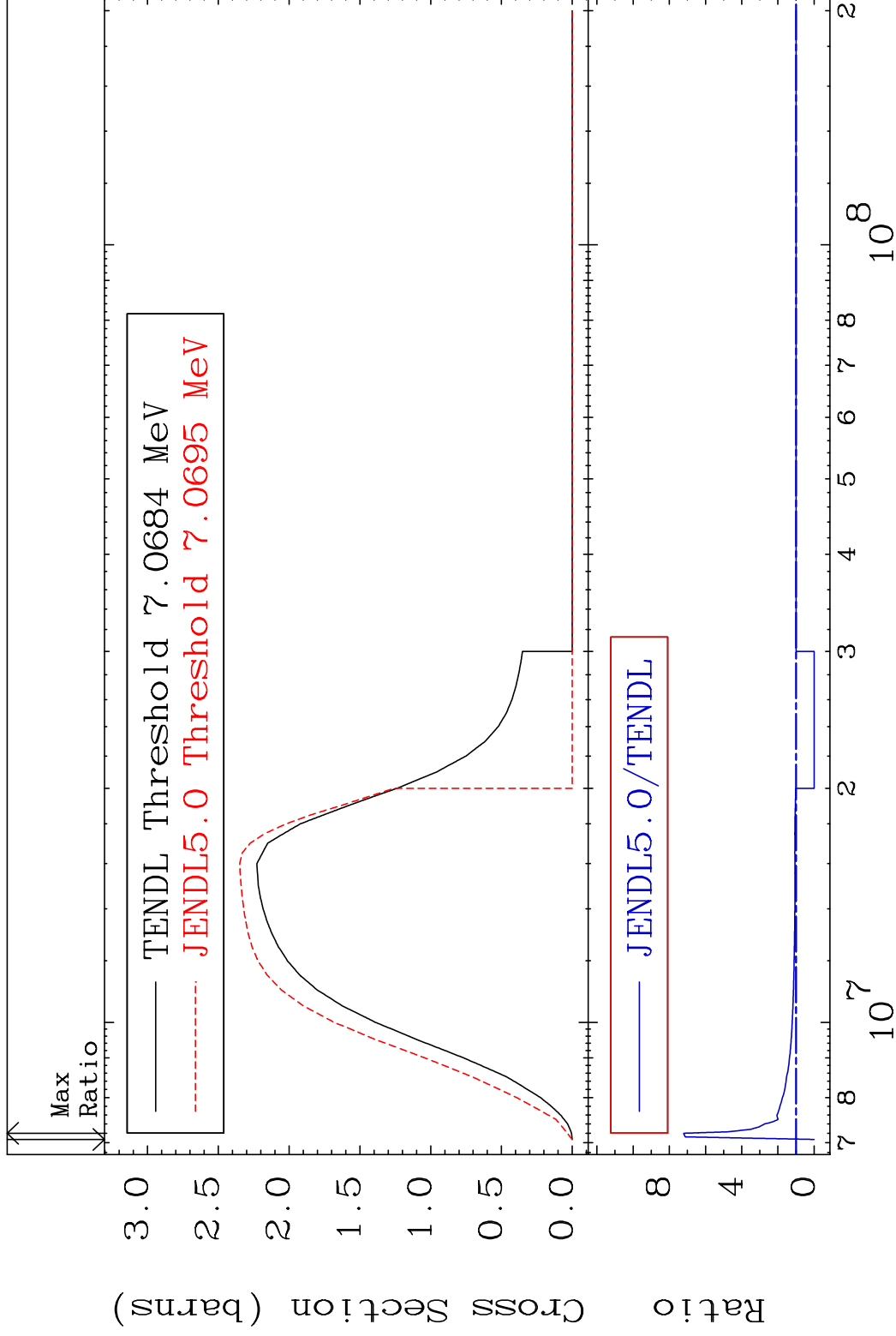
83-Bi-206

MAT 8316

(n,2n)

83-Bi-206

Cross Section -100.0 To 620.8 %



5

Incident Energy (eV)

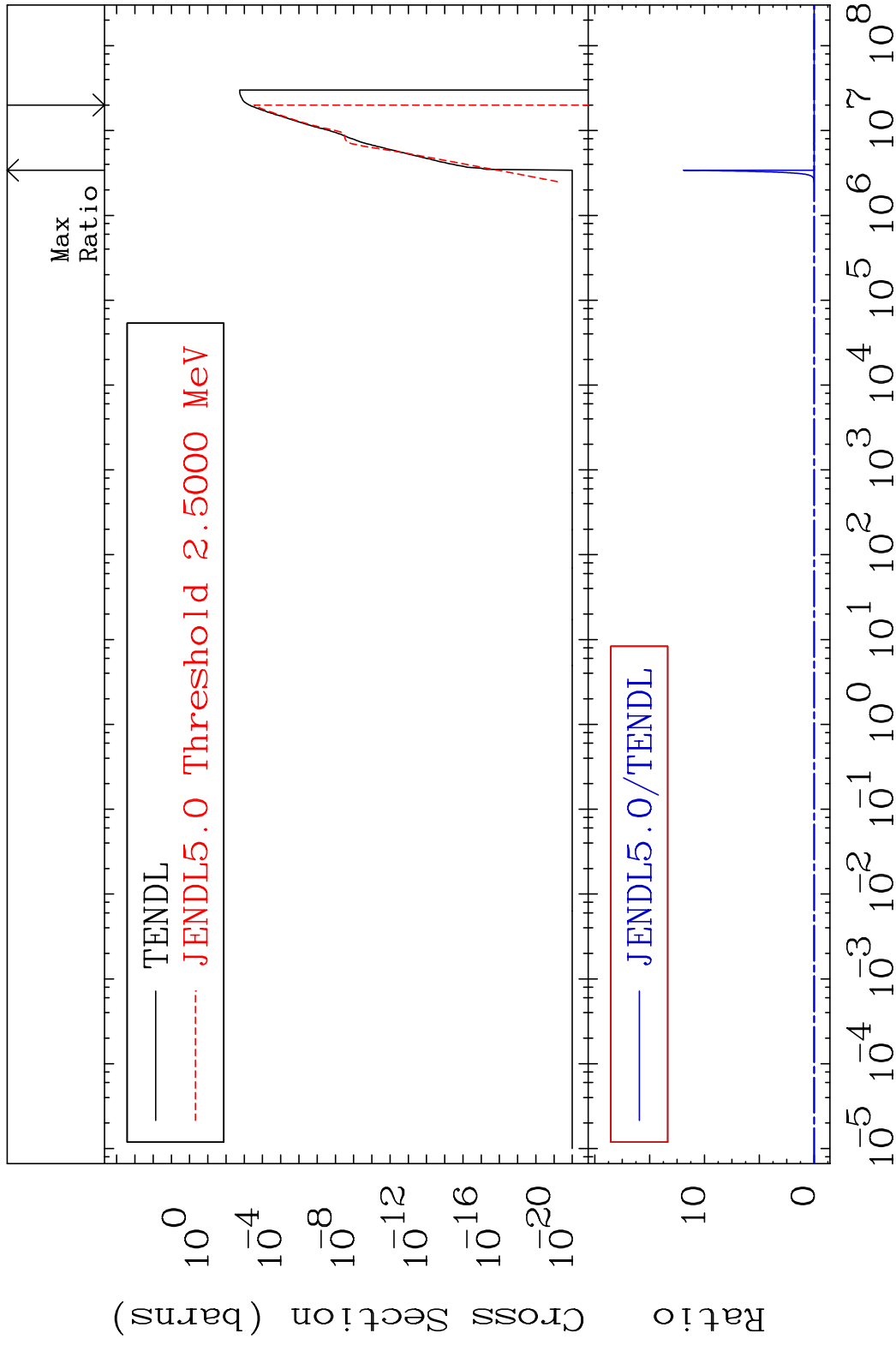
83-Bi-206

MAT 8316

(n, n') α

83-Bi-206

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

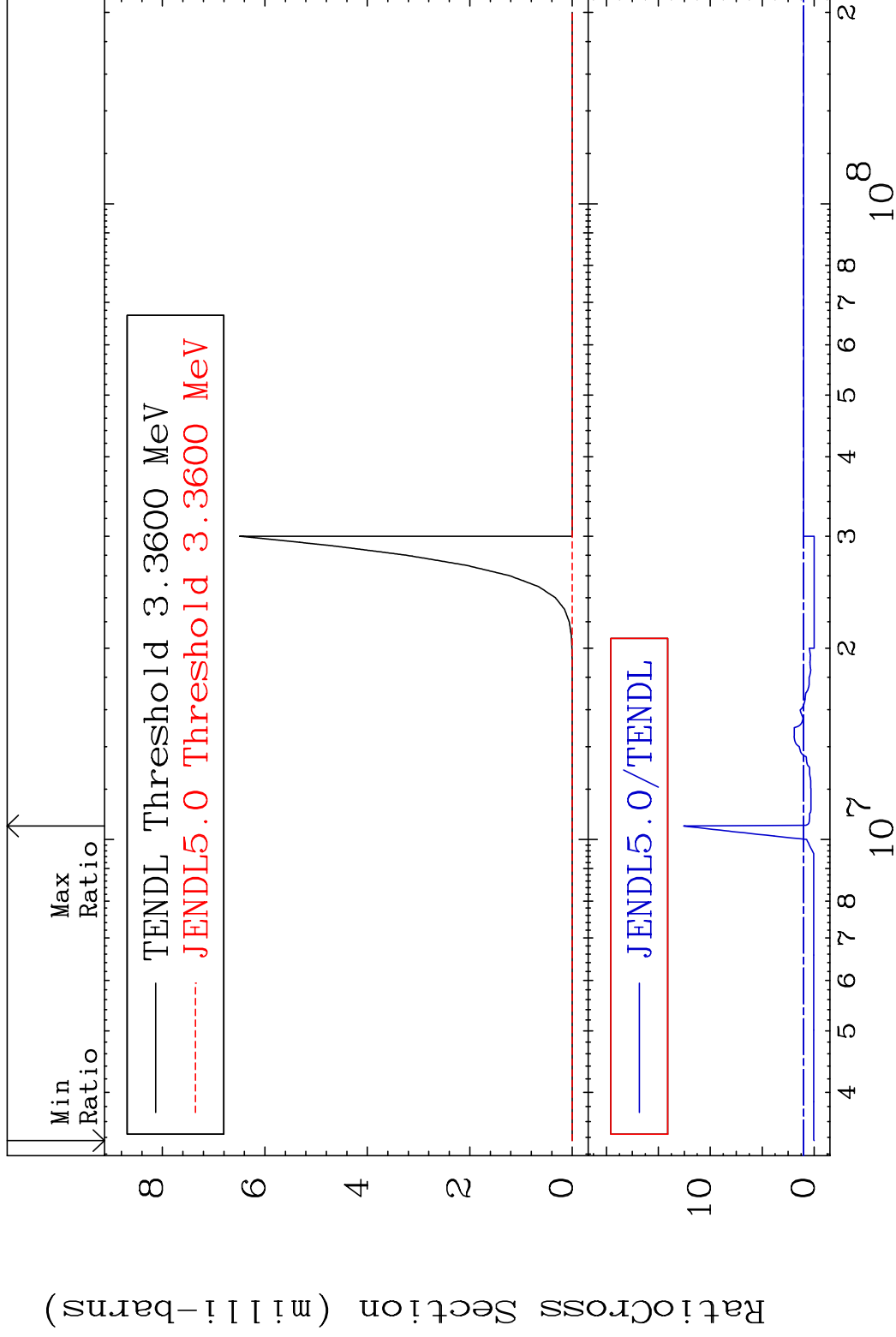
83-Bi-206

MAT 8316

(n,2n) α

83-Bi-206

Cross Section -100.0 To 1156. %

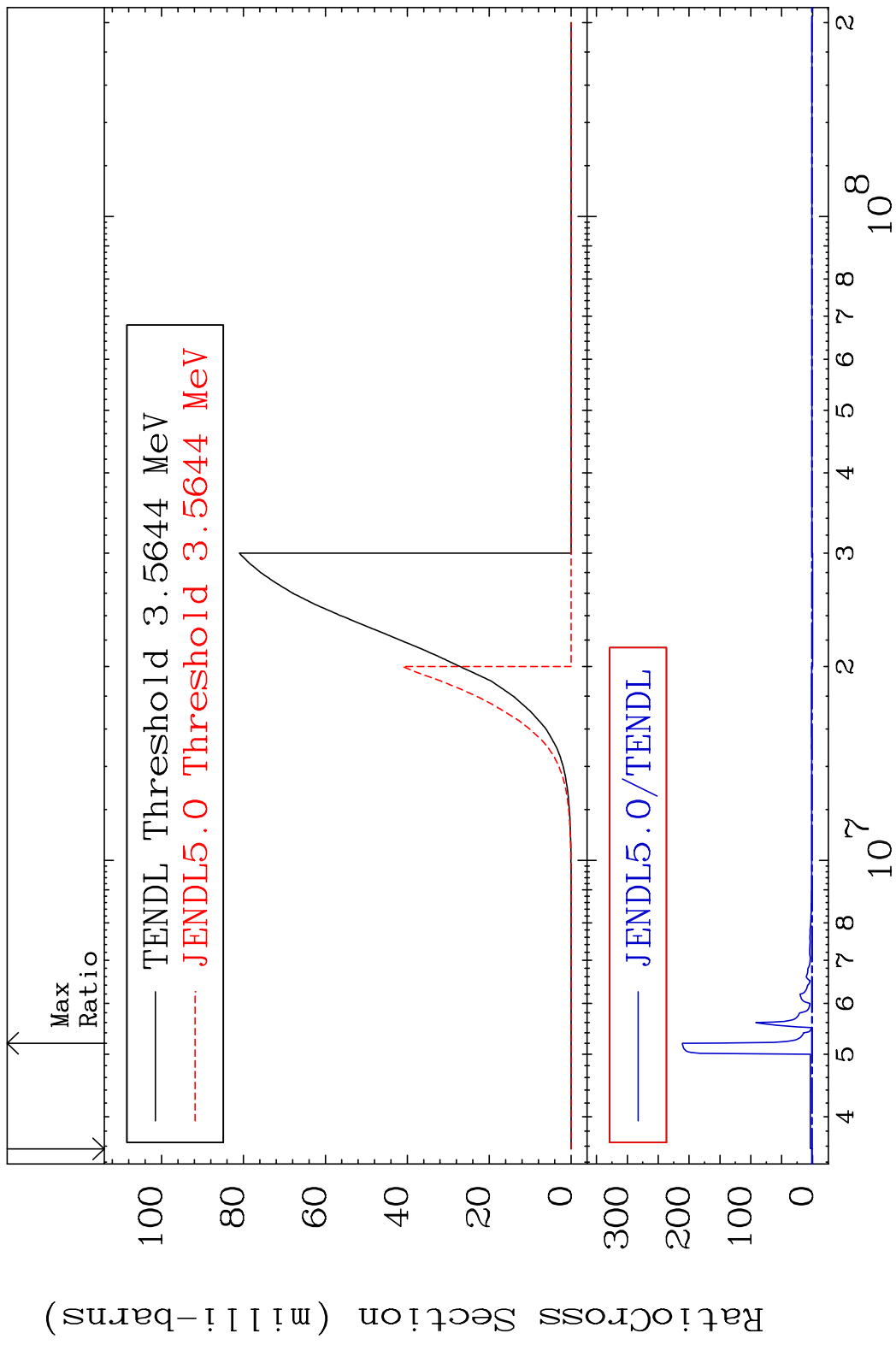


8

Incident Energy (eV)

83-Bi-206

MAT 8316 (n, n') p 83-Bi-206
 Cross Section -100.0 To 9999. %

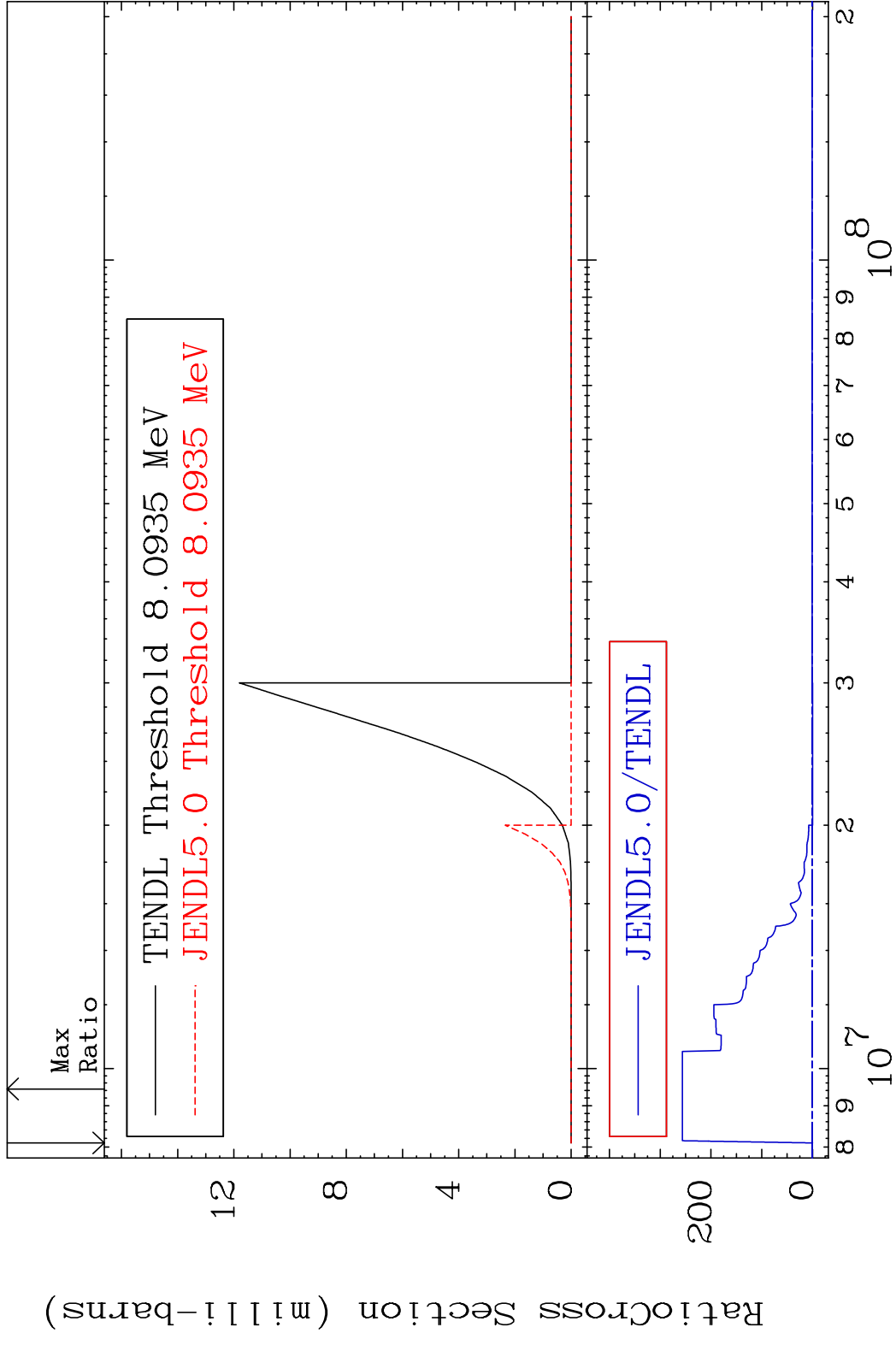


MAT 8316

(n, n') d

83-Bi-206

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

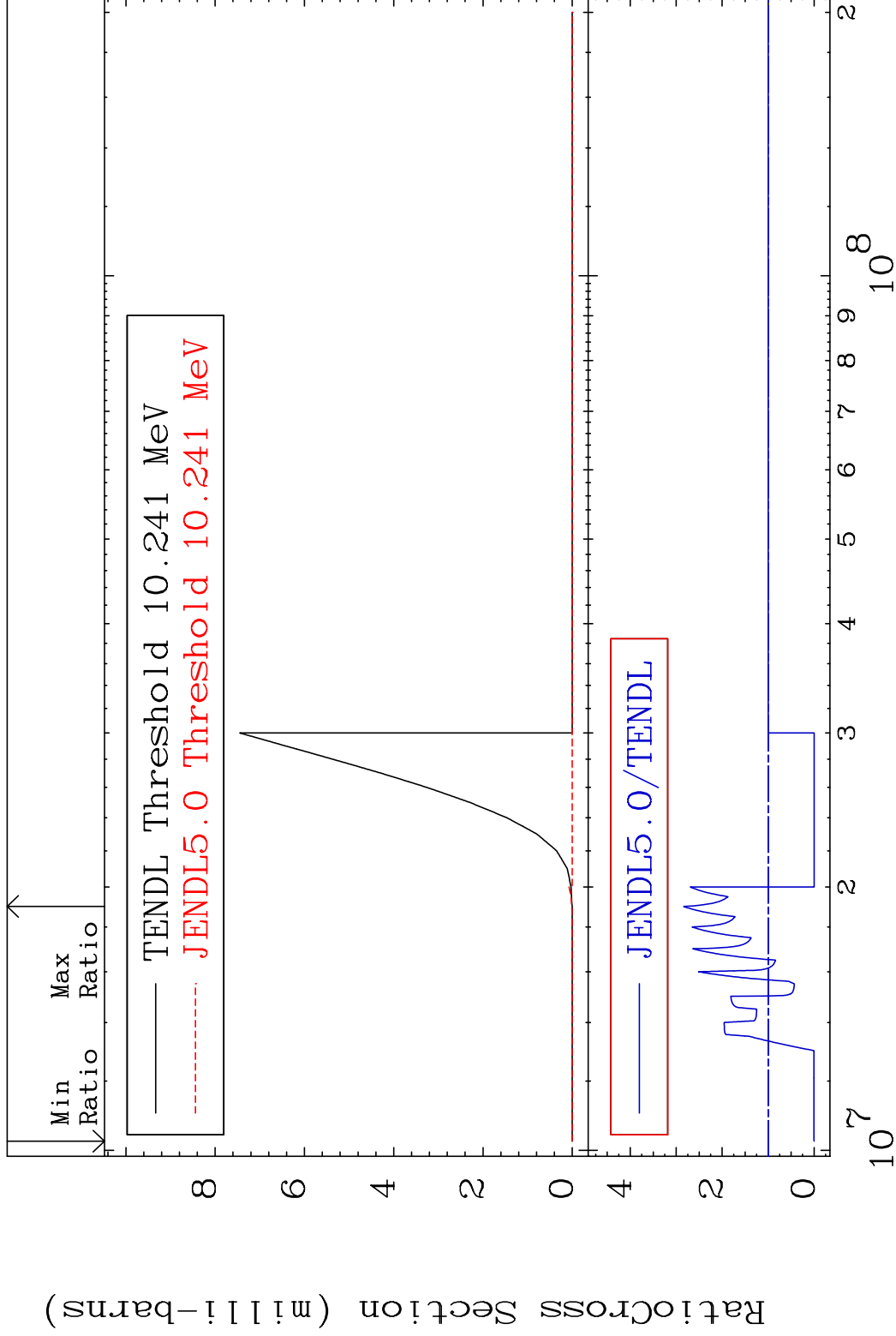
83-Bi-206

MAT 8316

(n, n') t

83-Bi-206

Cross Section -100.0 To 183.8 %



11

Incident Energy (eV)

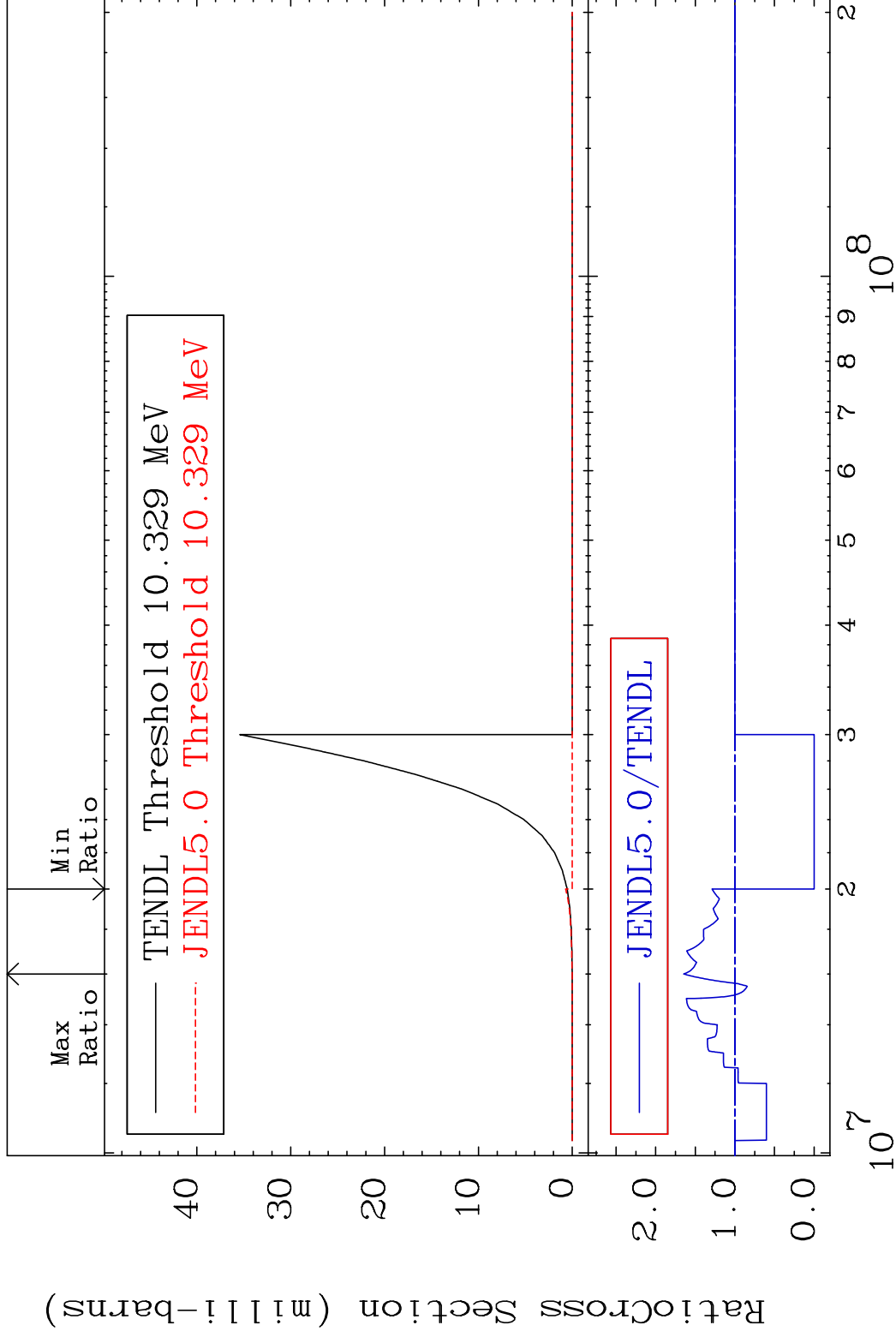
83-Bi-206

MAT 8316

(n,2n) p

83-Bi-206

Cross Section -100.0 To 64.63 %

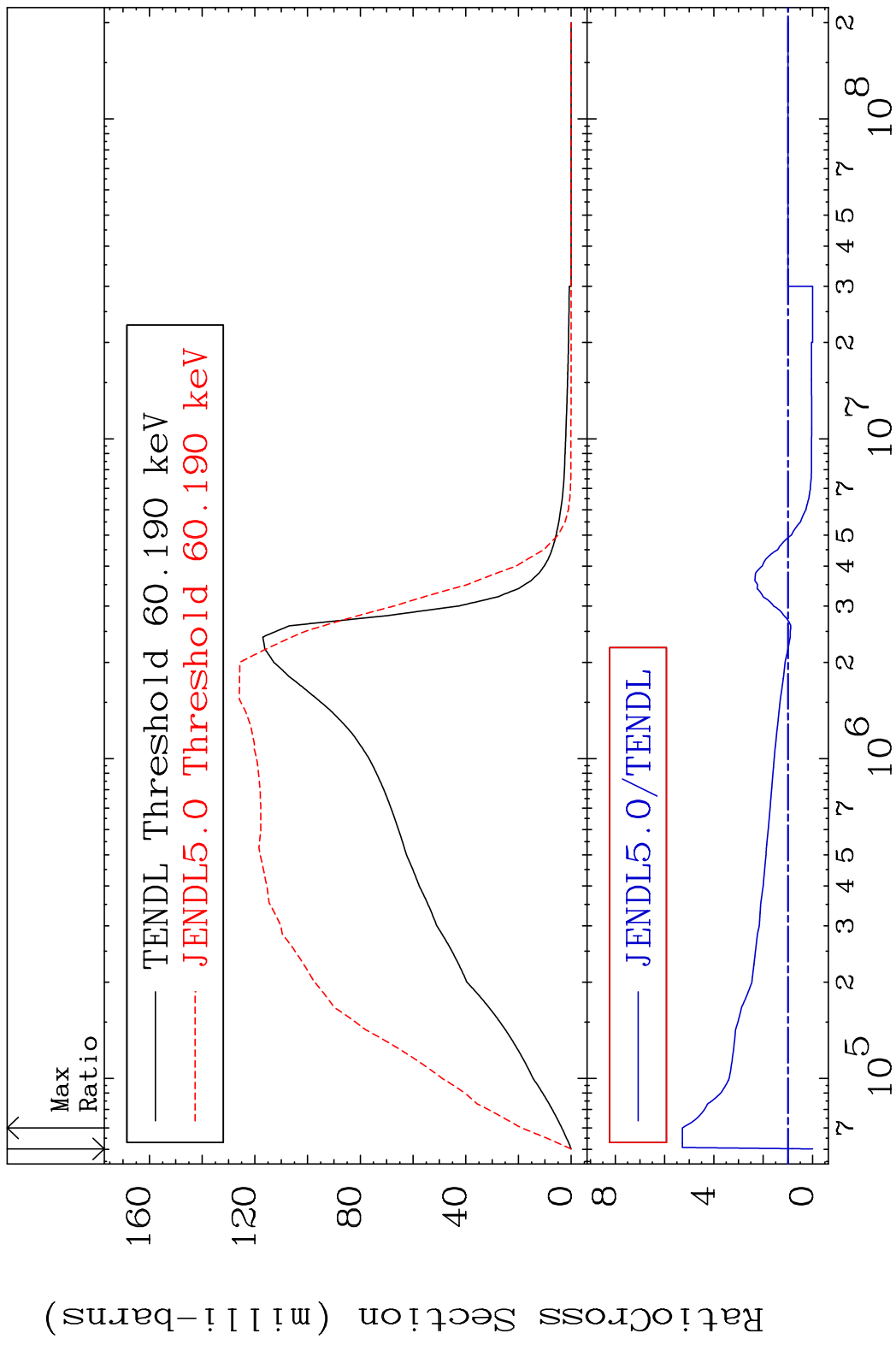


12

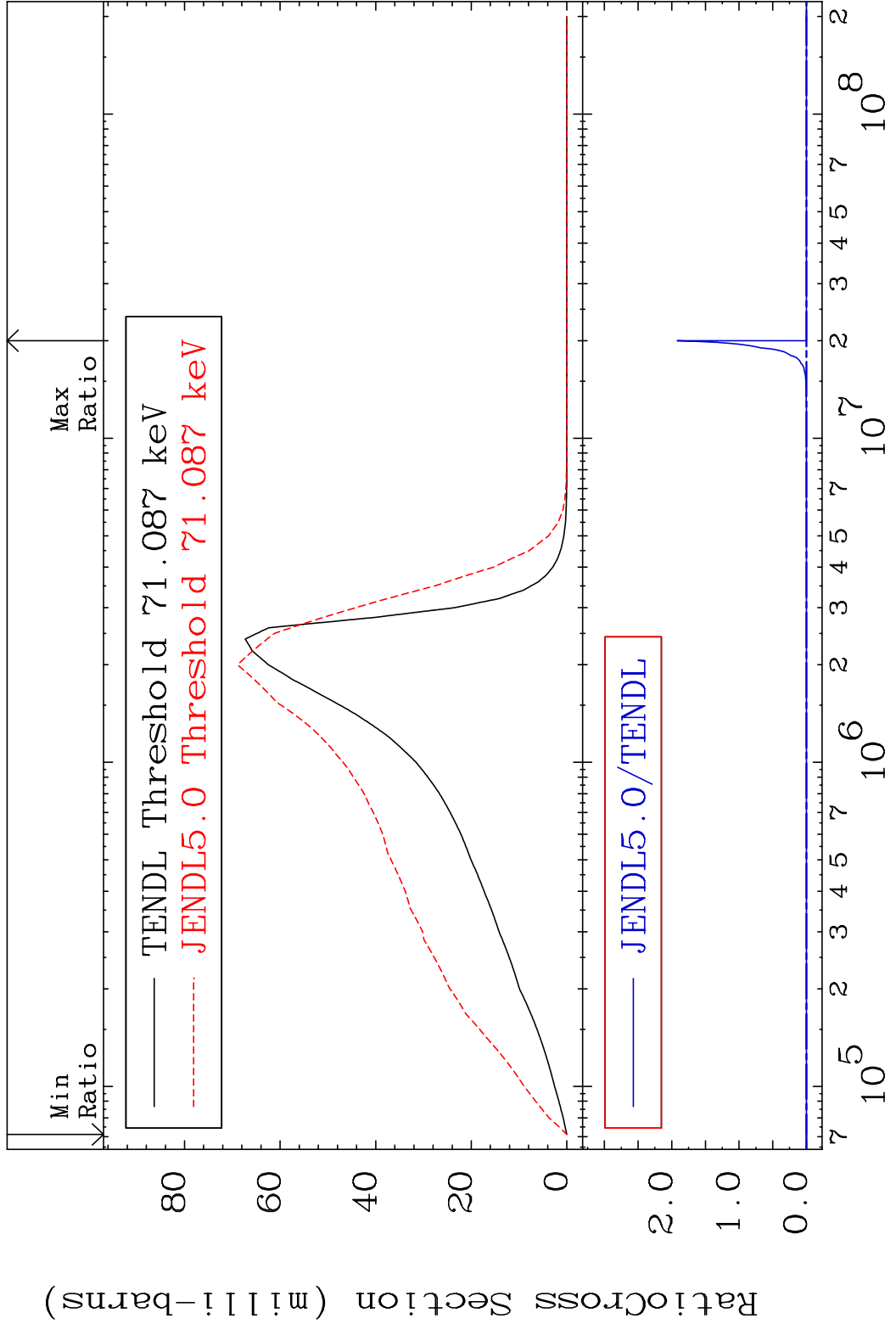
Incident Energy (eV)

83-Bi-206

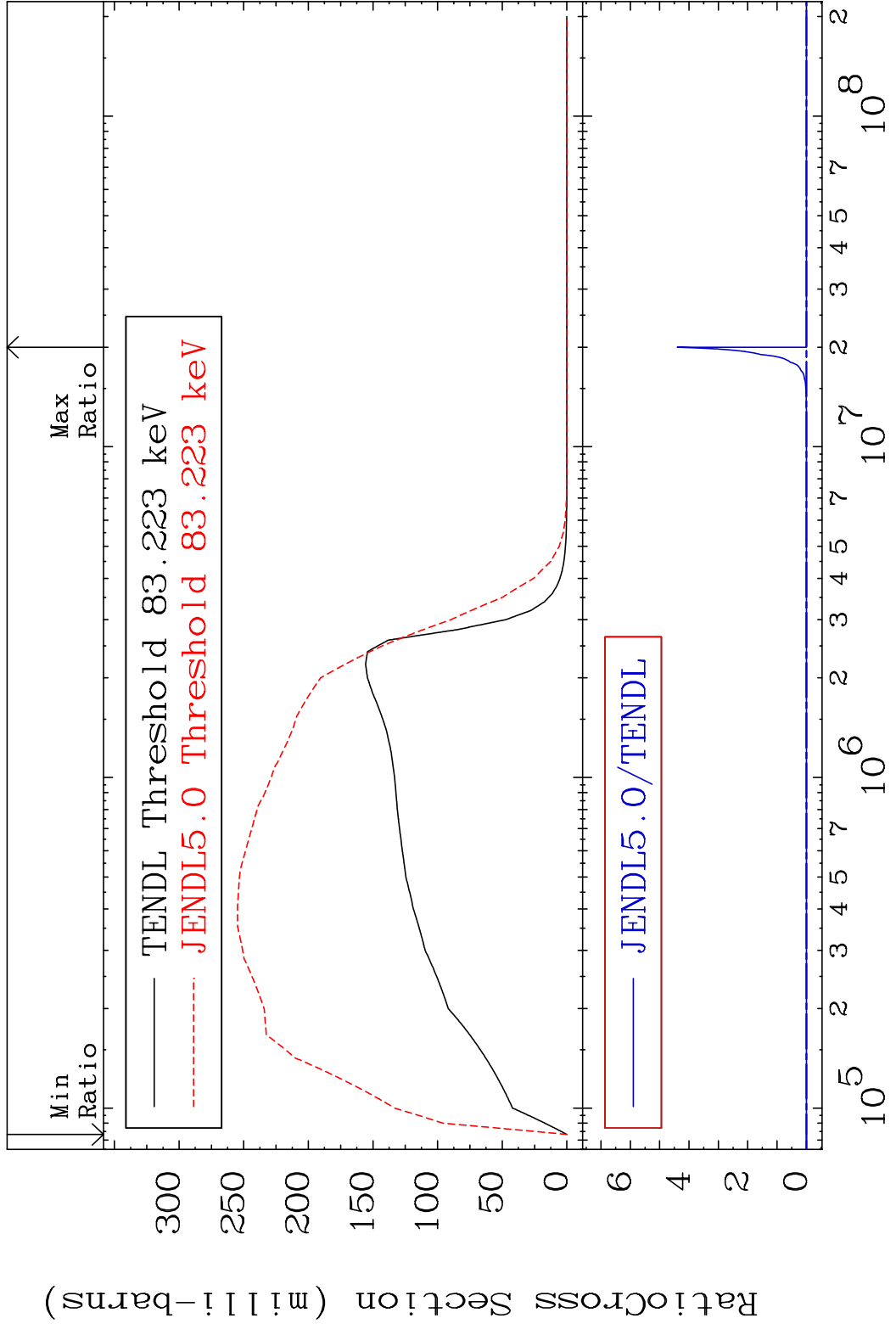
MAT 8316 MT= 51 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 427.9 %



MAT 8316 MT= 52 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

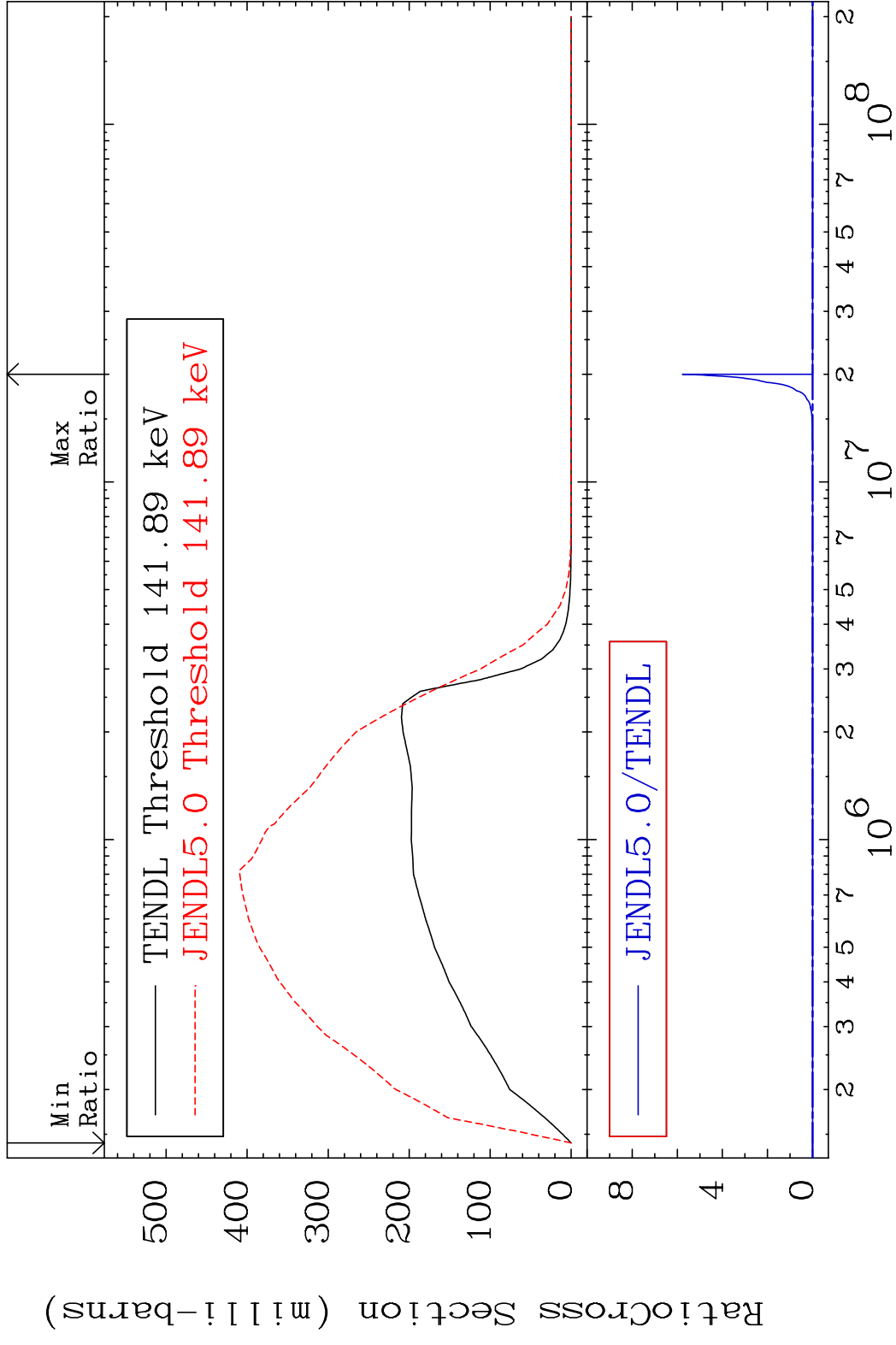


MAT 8316 MT= 53 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

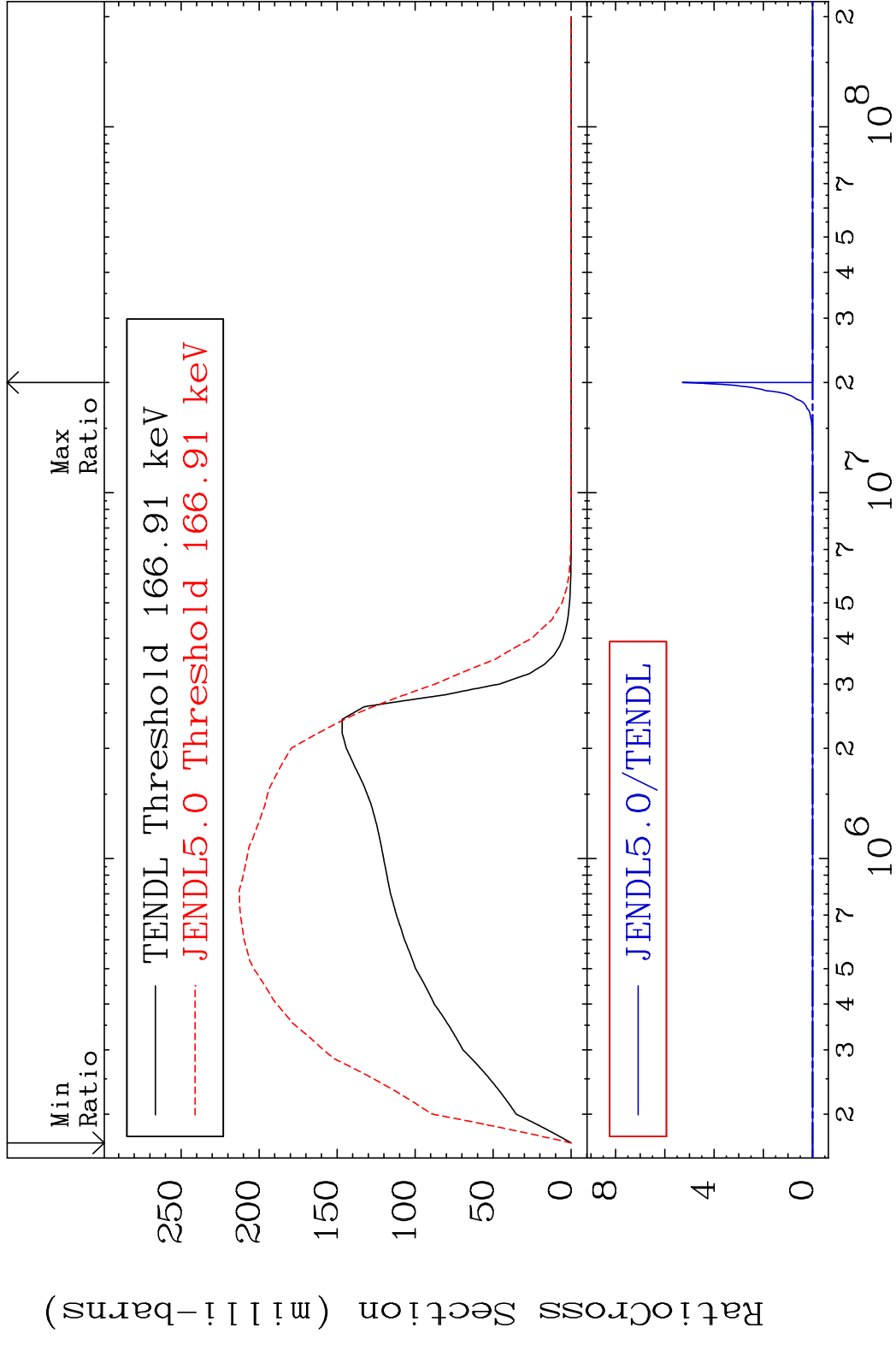


15 83-Bi-206

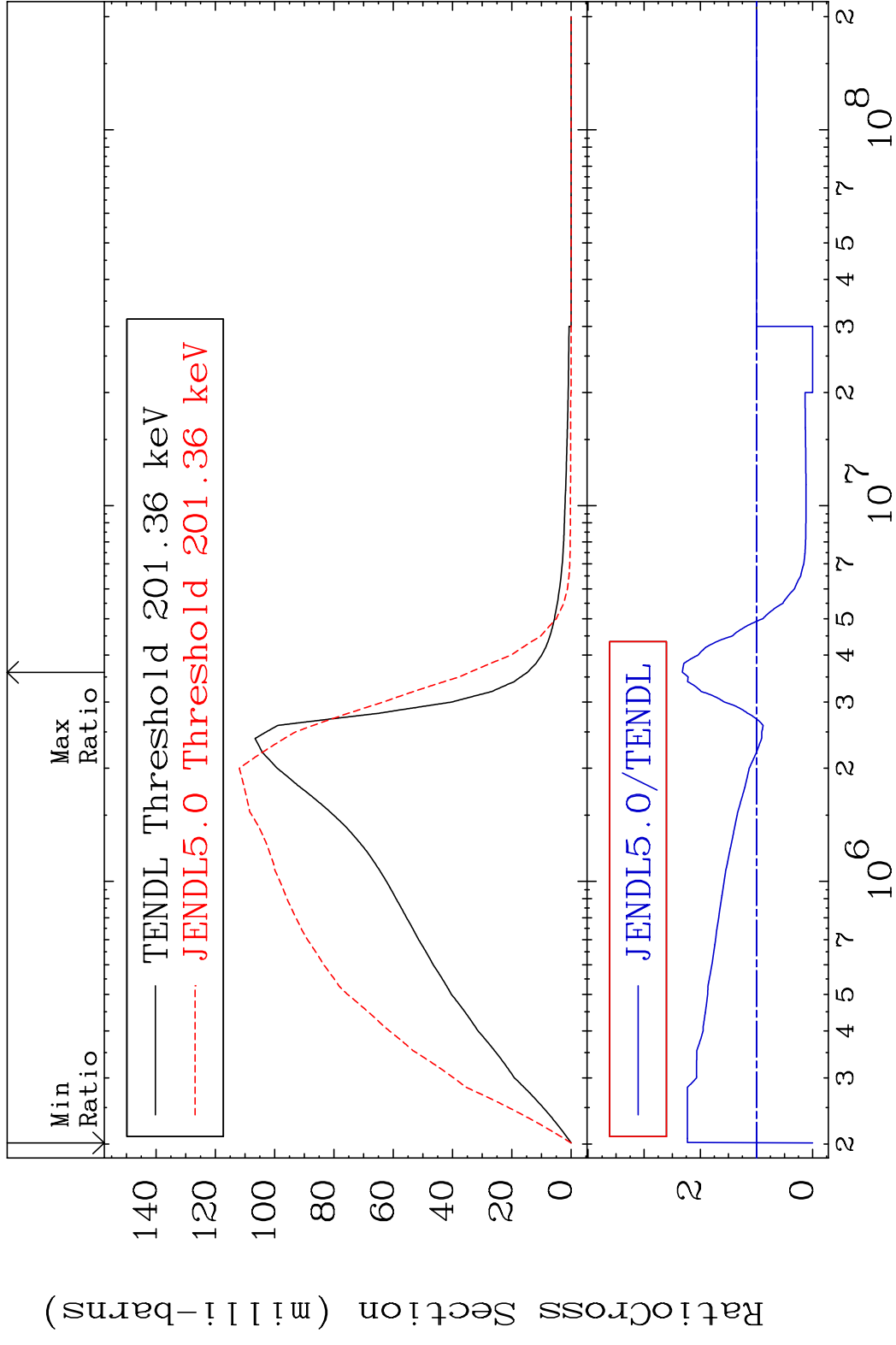
MAT 8316 MT= 54 (n,n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



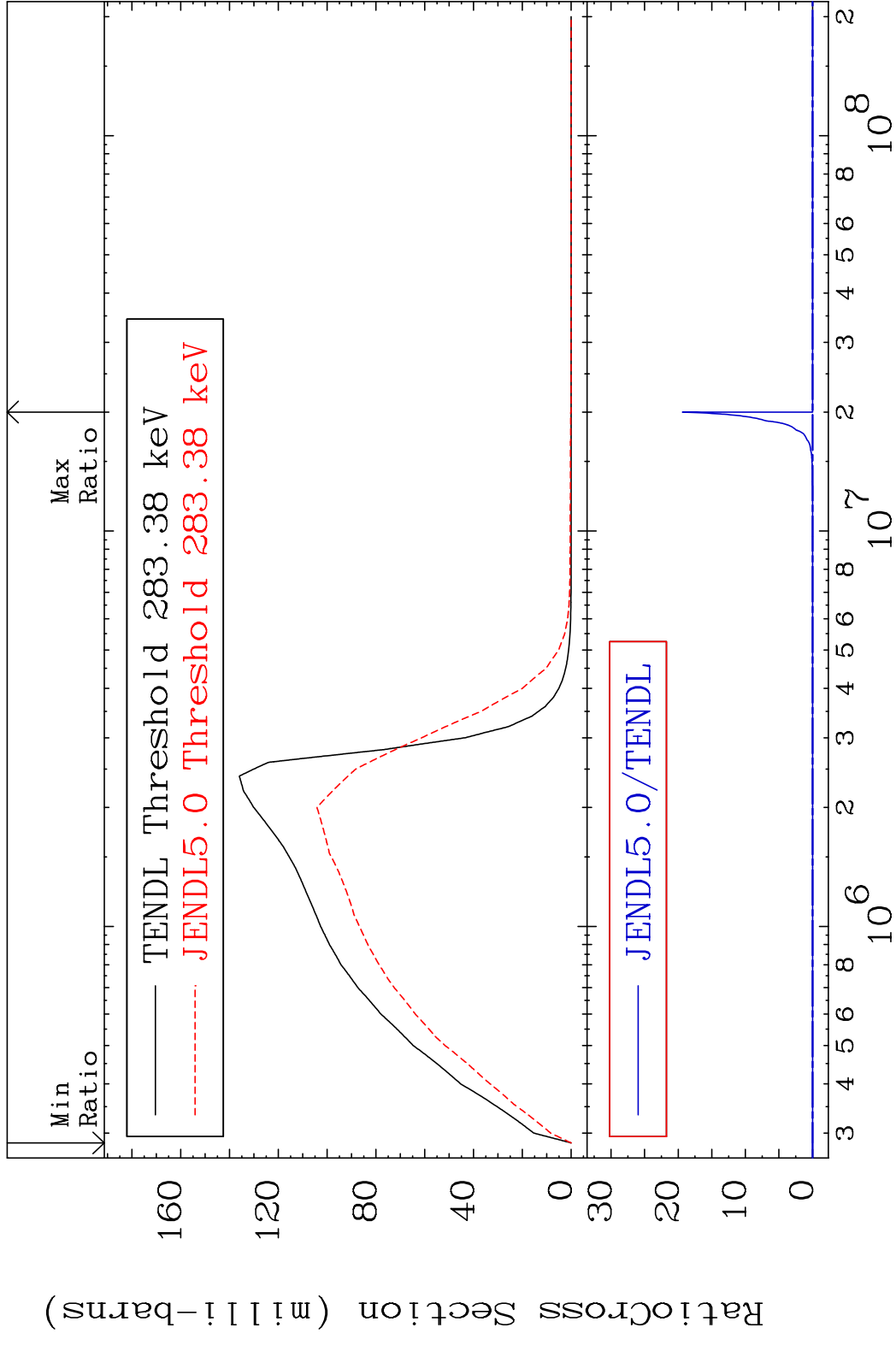
MAT 8316 MT= 55 (n,n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



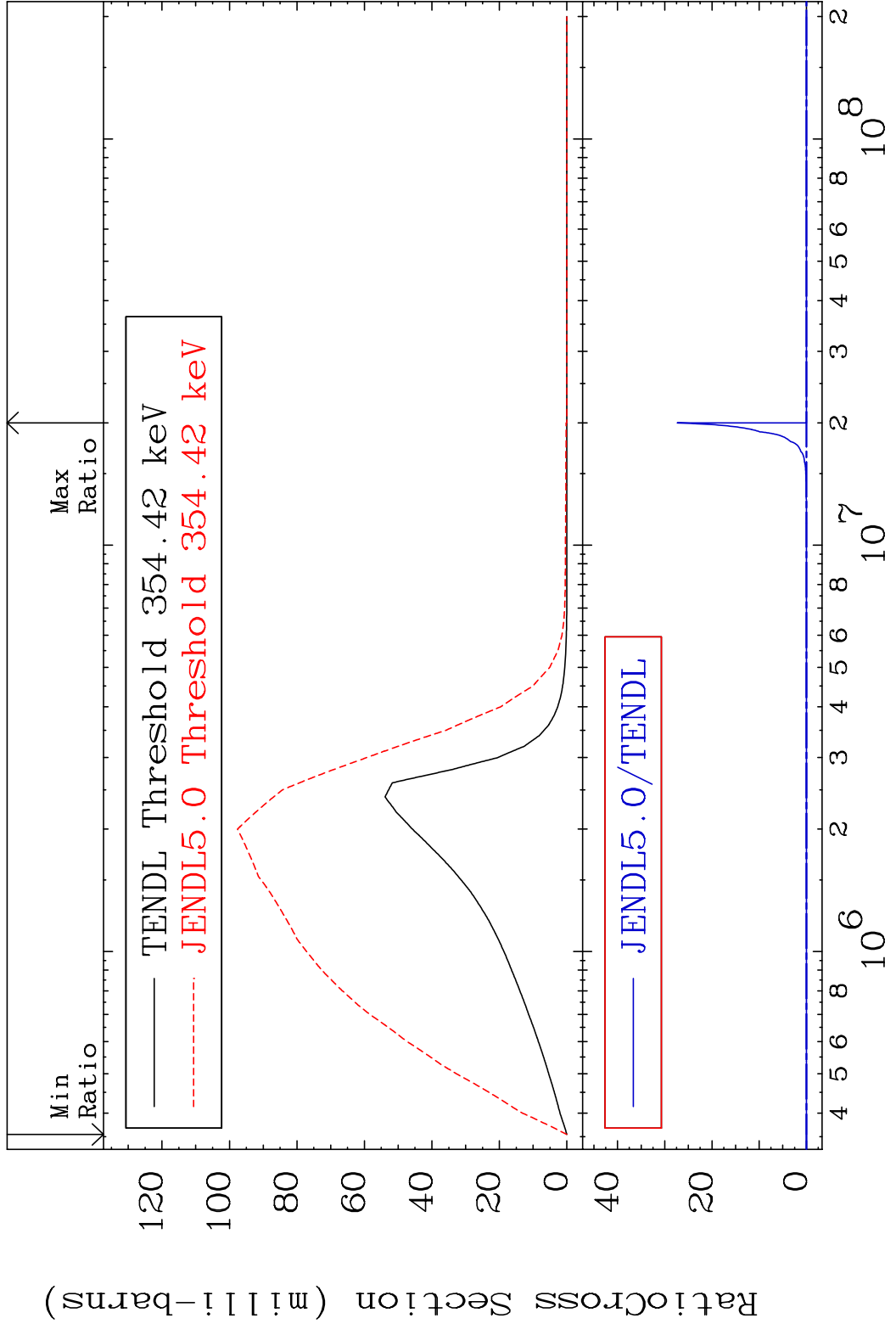
MAT 8316 MT= 56 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 132.0 %



MAT 8316 MT= 57 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

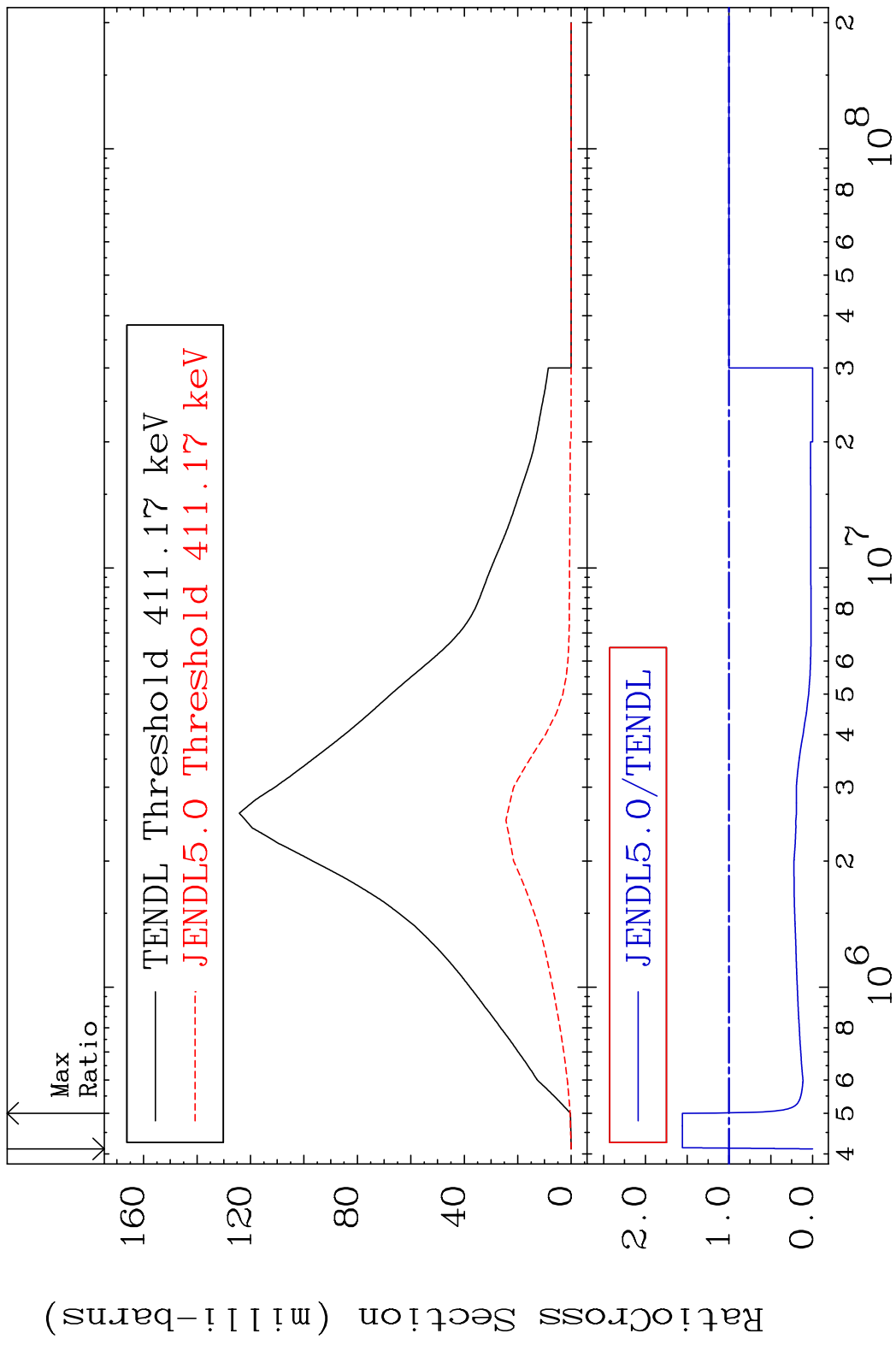


MAT 8316 MT= 58 (n,n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

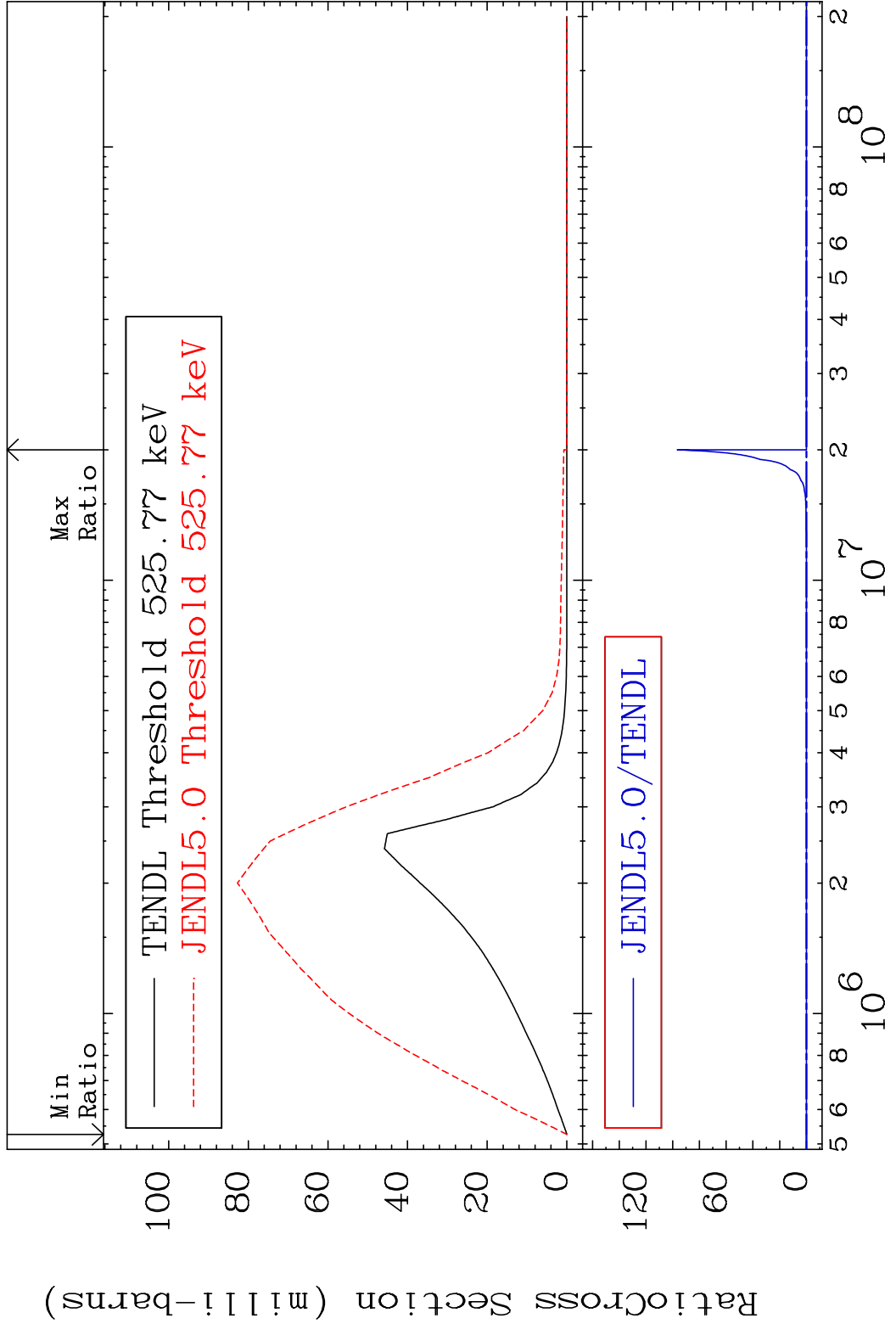


20 Incident Energy (eV) 83-Bi-206

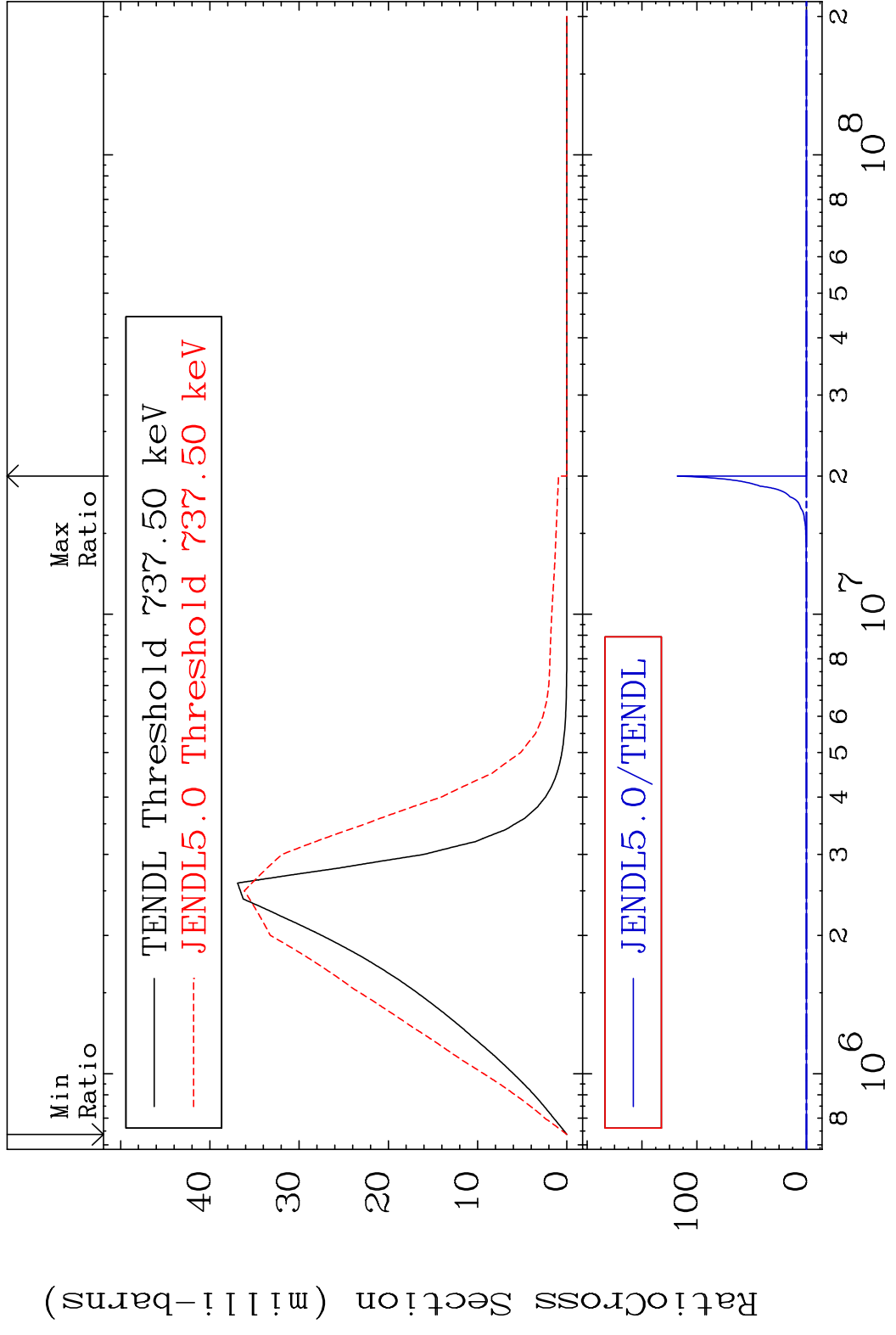
MAT 8316 MT= 59 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 55.82 %



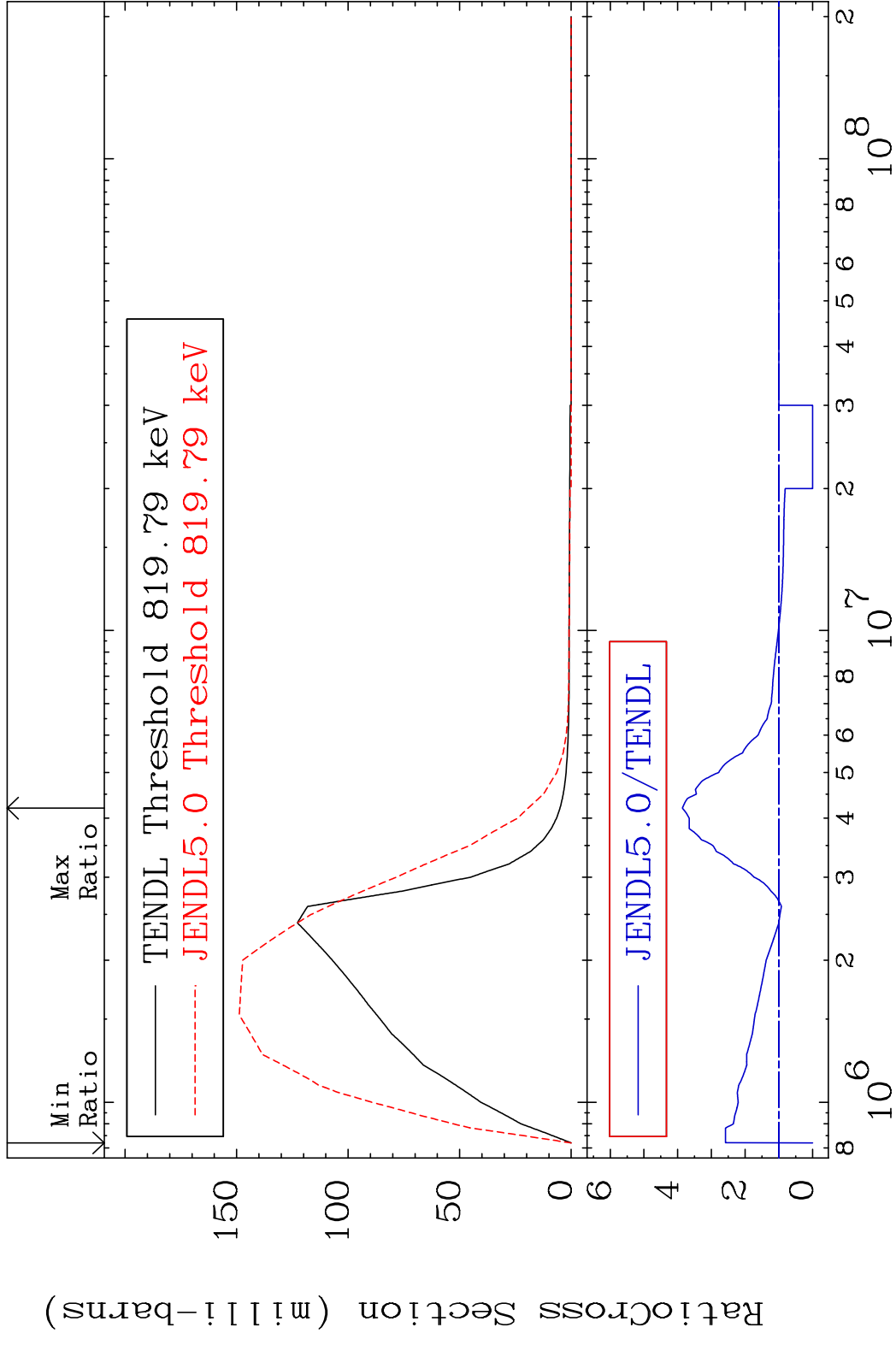
MAT 8316 MT= 60 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



MAT 8316 MT= 61 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

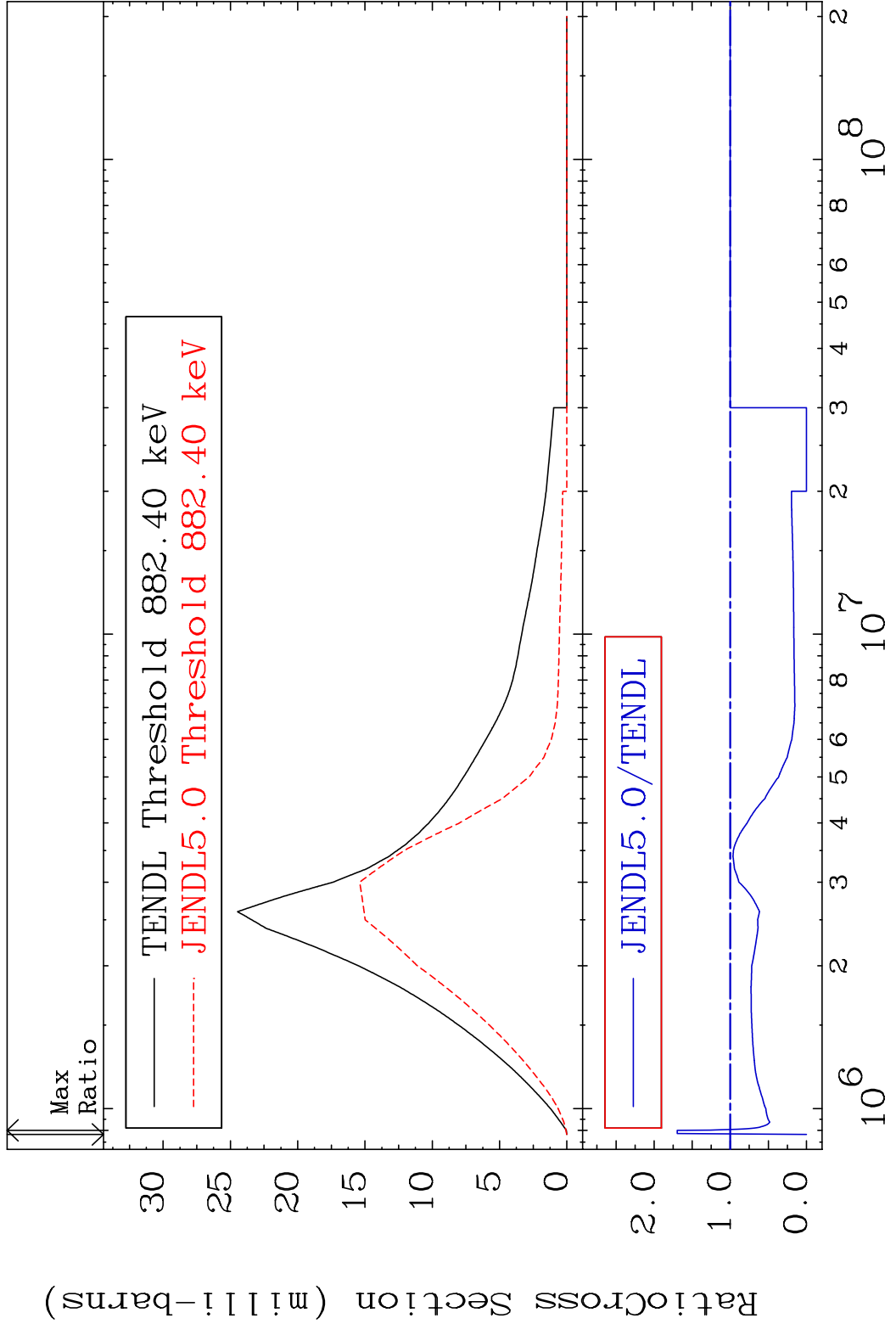


MAT 8316 MT= 62 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 286.1 %



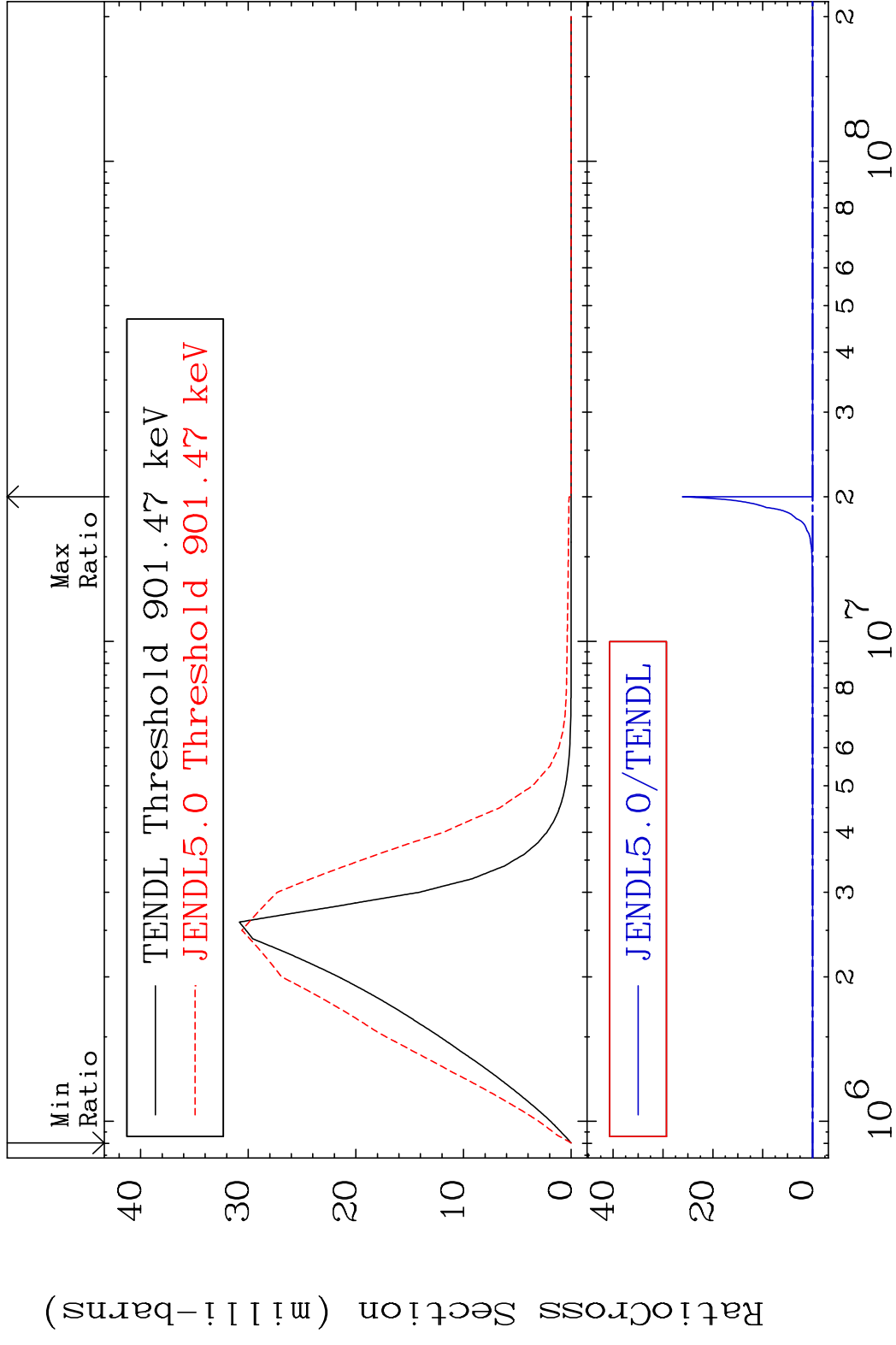
24 Incident Energy (eV) 83-Bi-206

MAT 8316 MT= 63 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 69.67 %



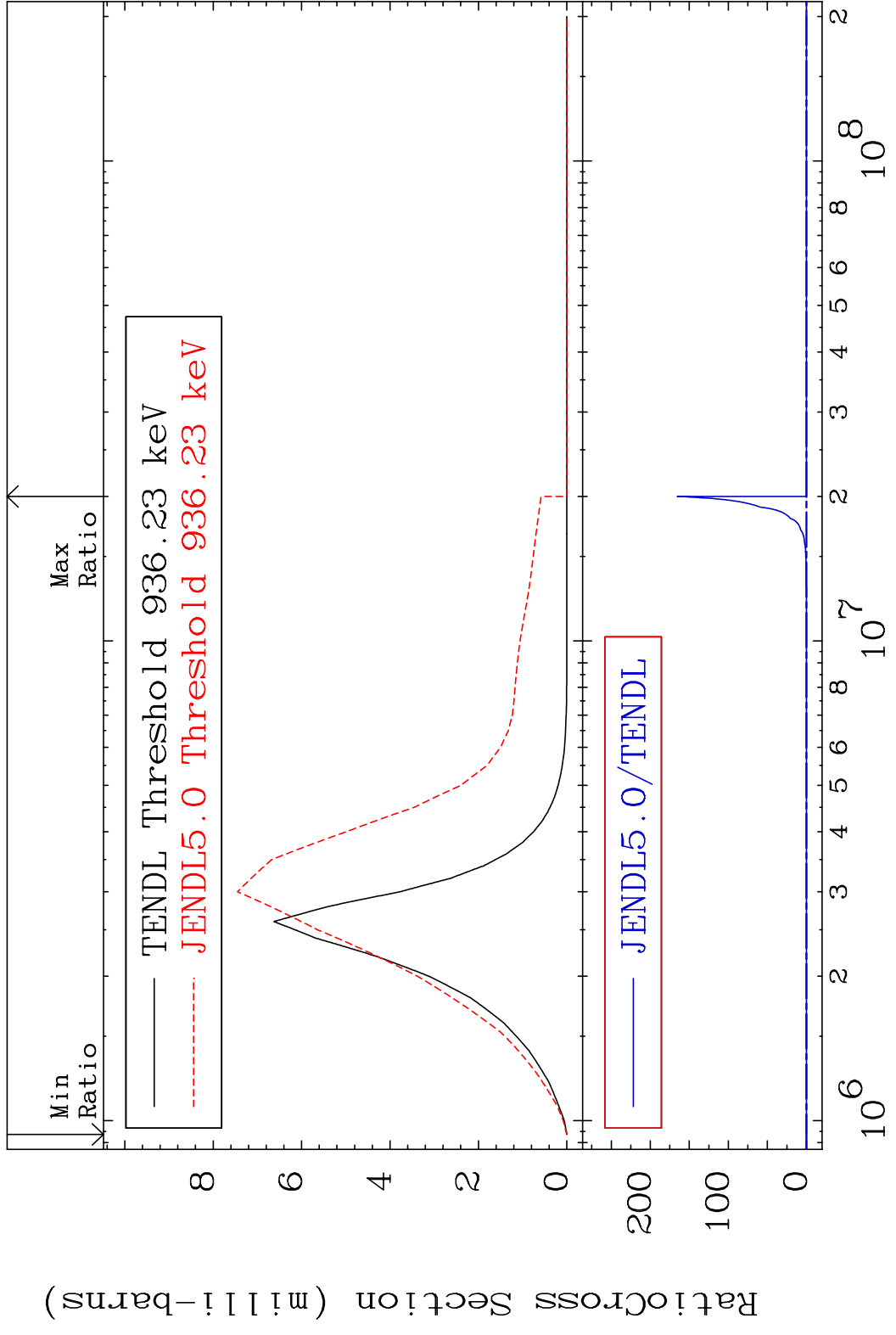
25 Incident Energy (eV) 83-Bi-206

MAT 8316 MT= 64 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



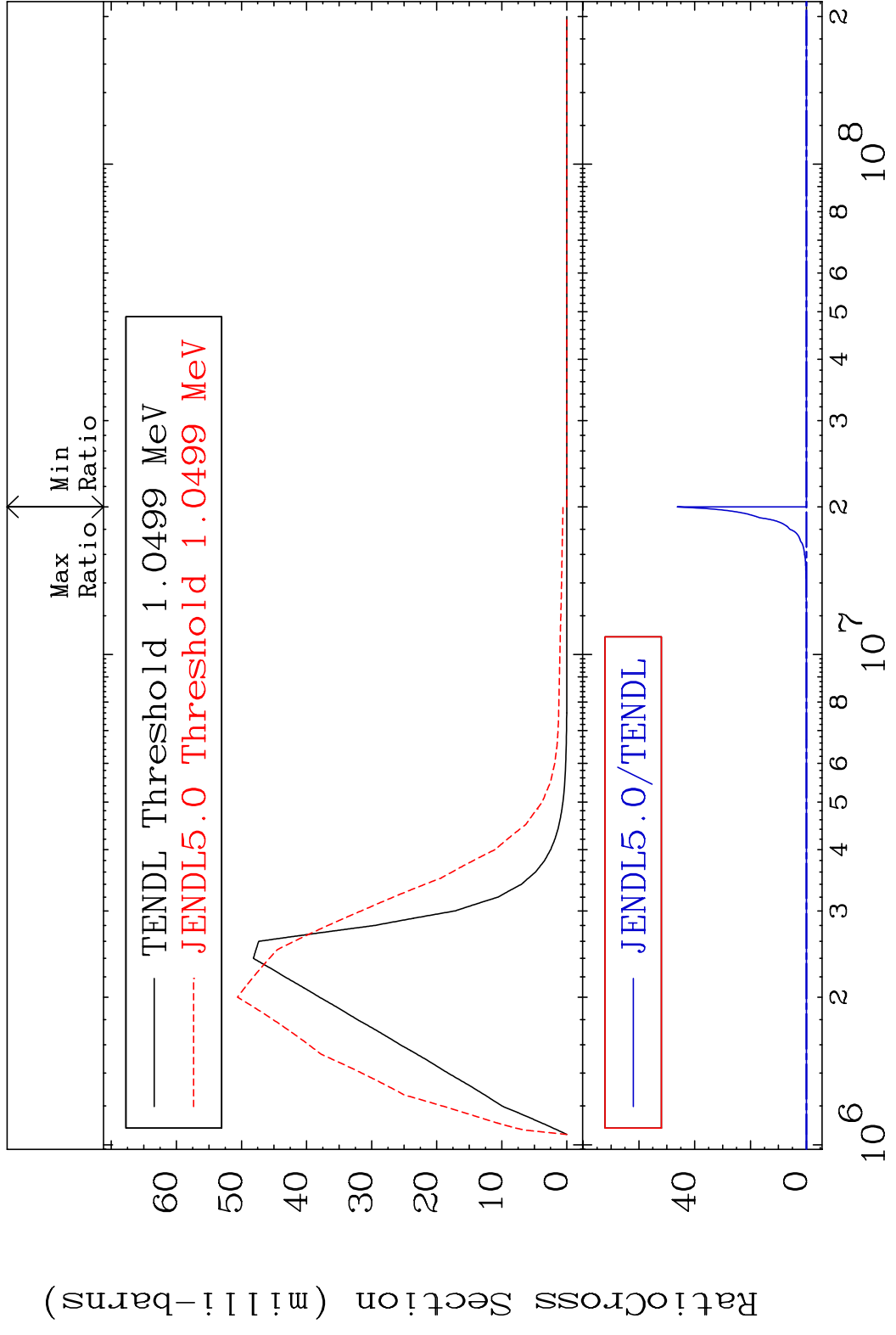
26 Incident Energy (eV) 83-Bi-206

MAT 8316 MT= 65 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



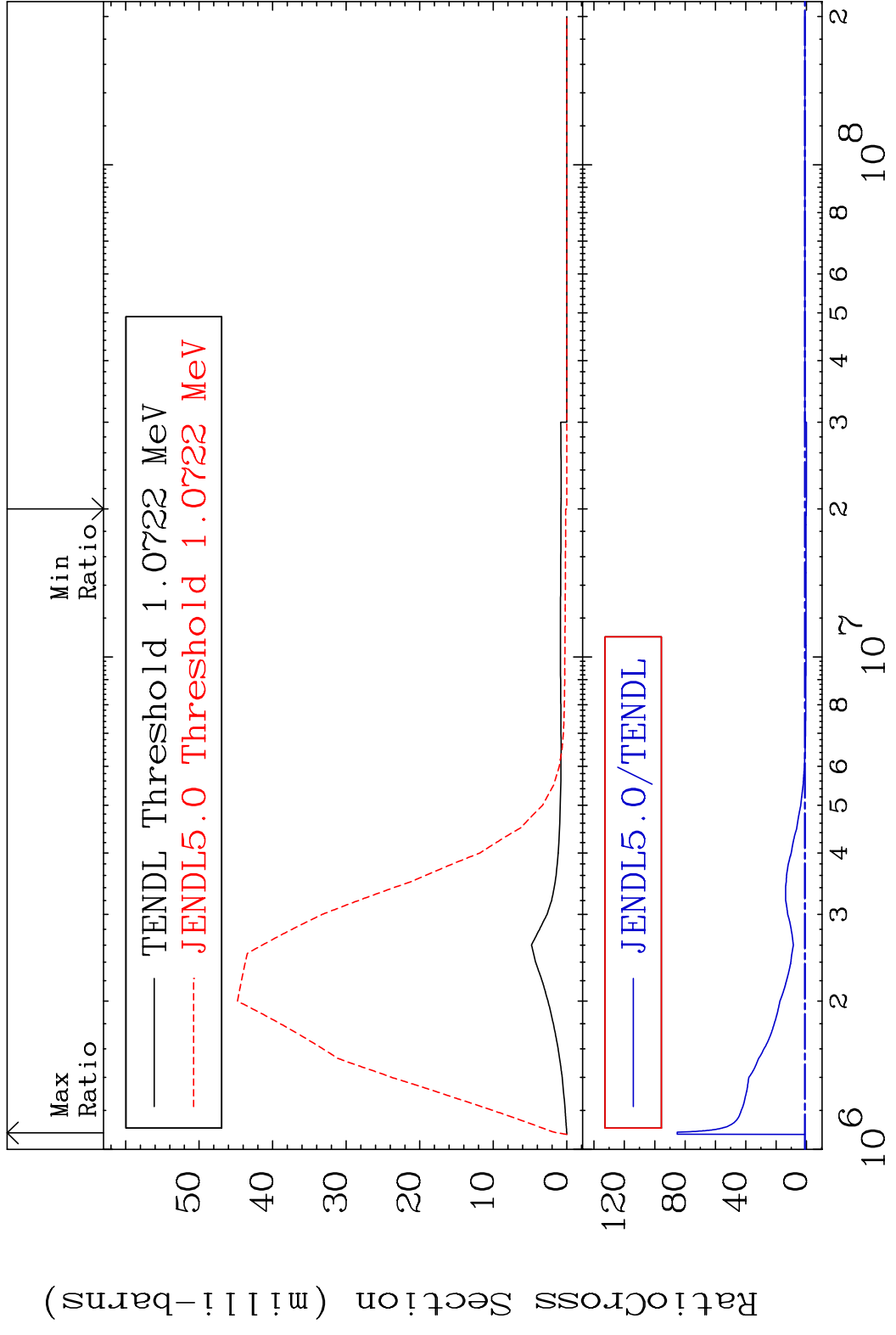
27 Incident Energy (eV) 83-Bi-206

MAT 8316 MT= 66 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



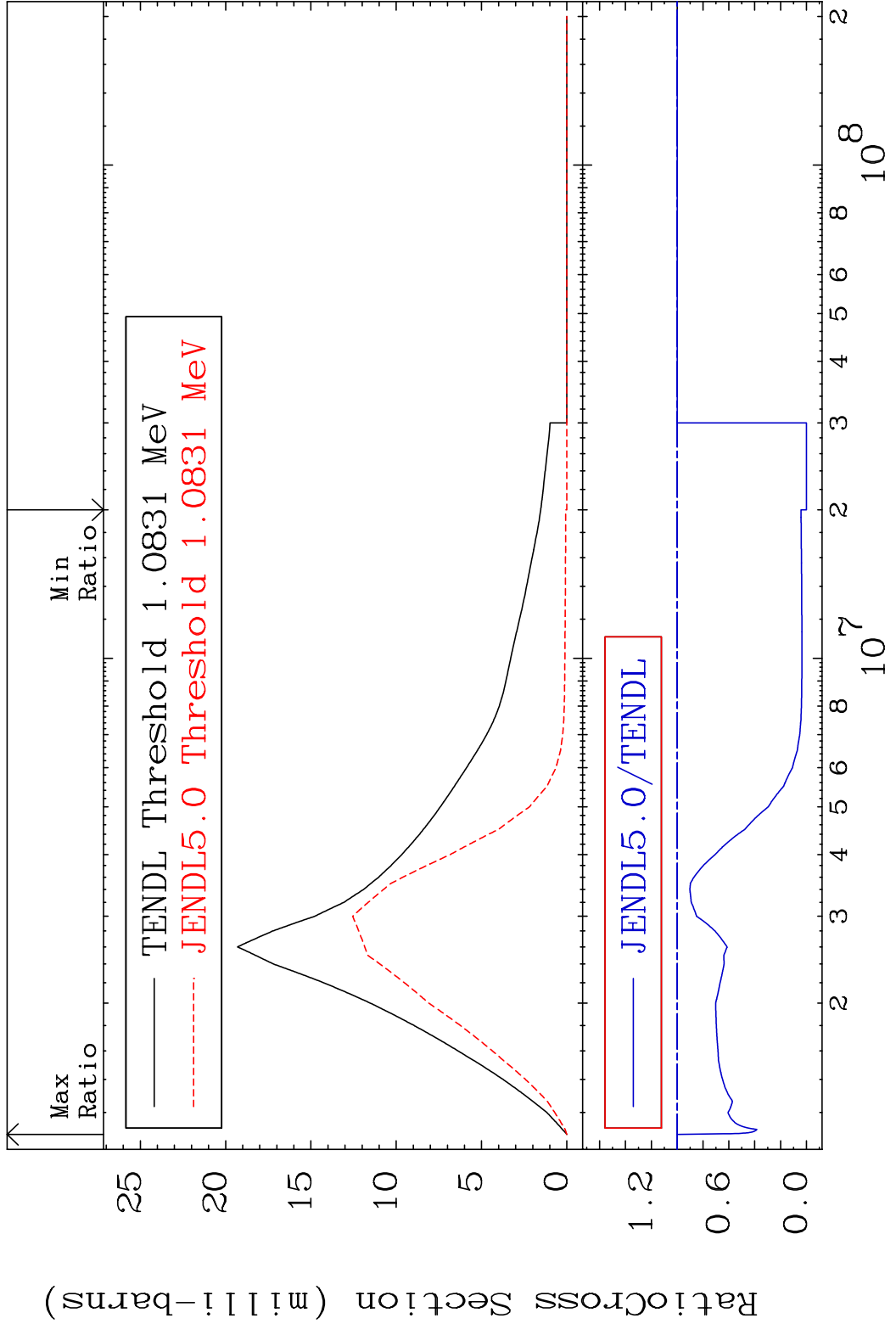
28 Incident Energy (eV) 83-Bi-206

MAT 8316 MT= 67 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 8418. %



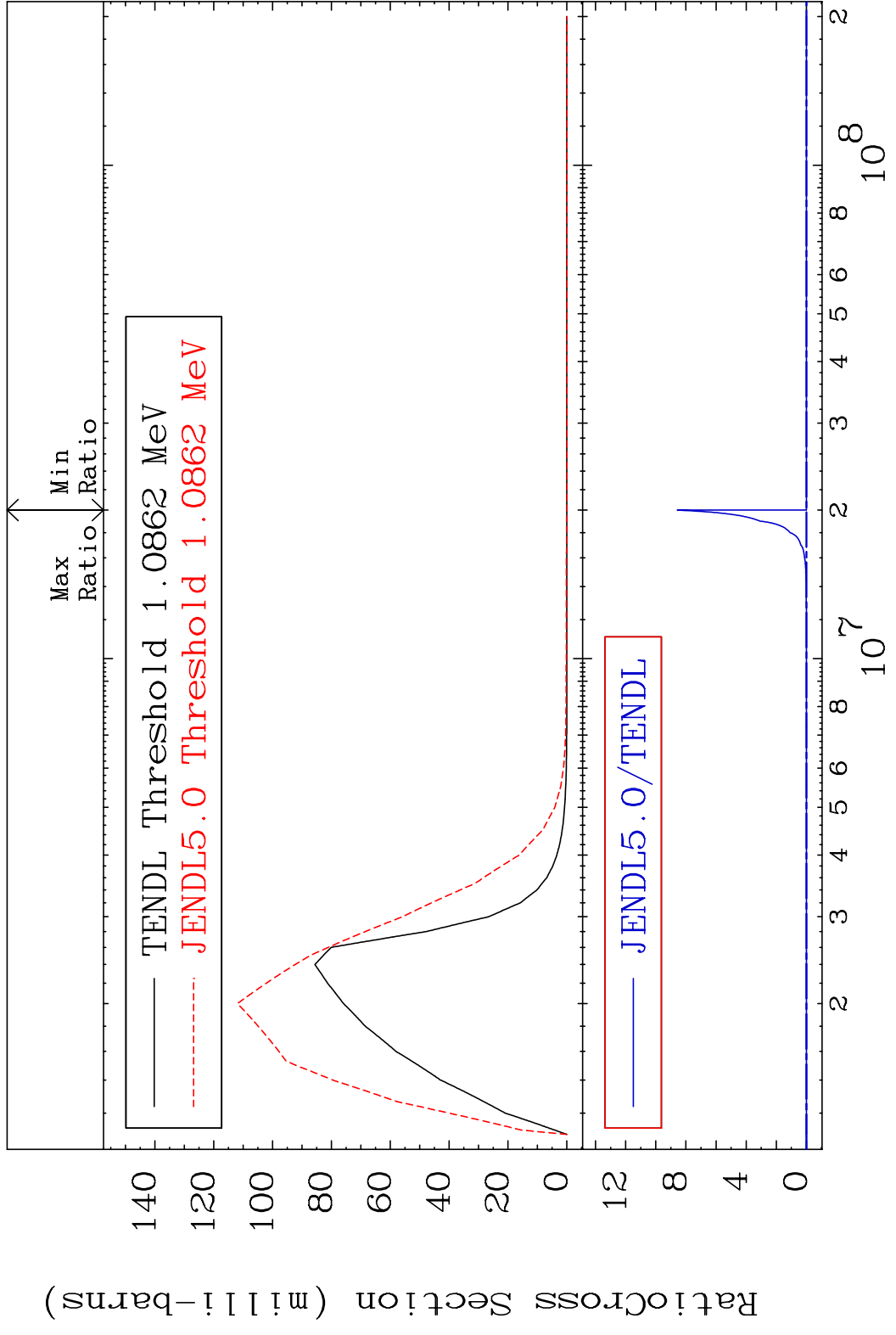
29 Incident Energy (eV) 83-Bi-206

MAT 8316 MT= 68 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 0.000 %

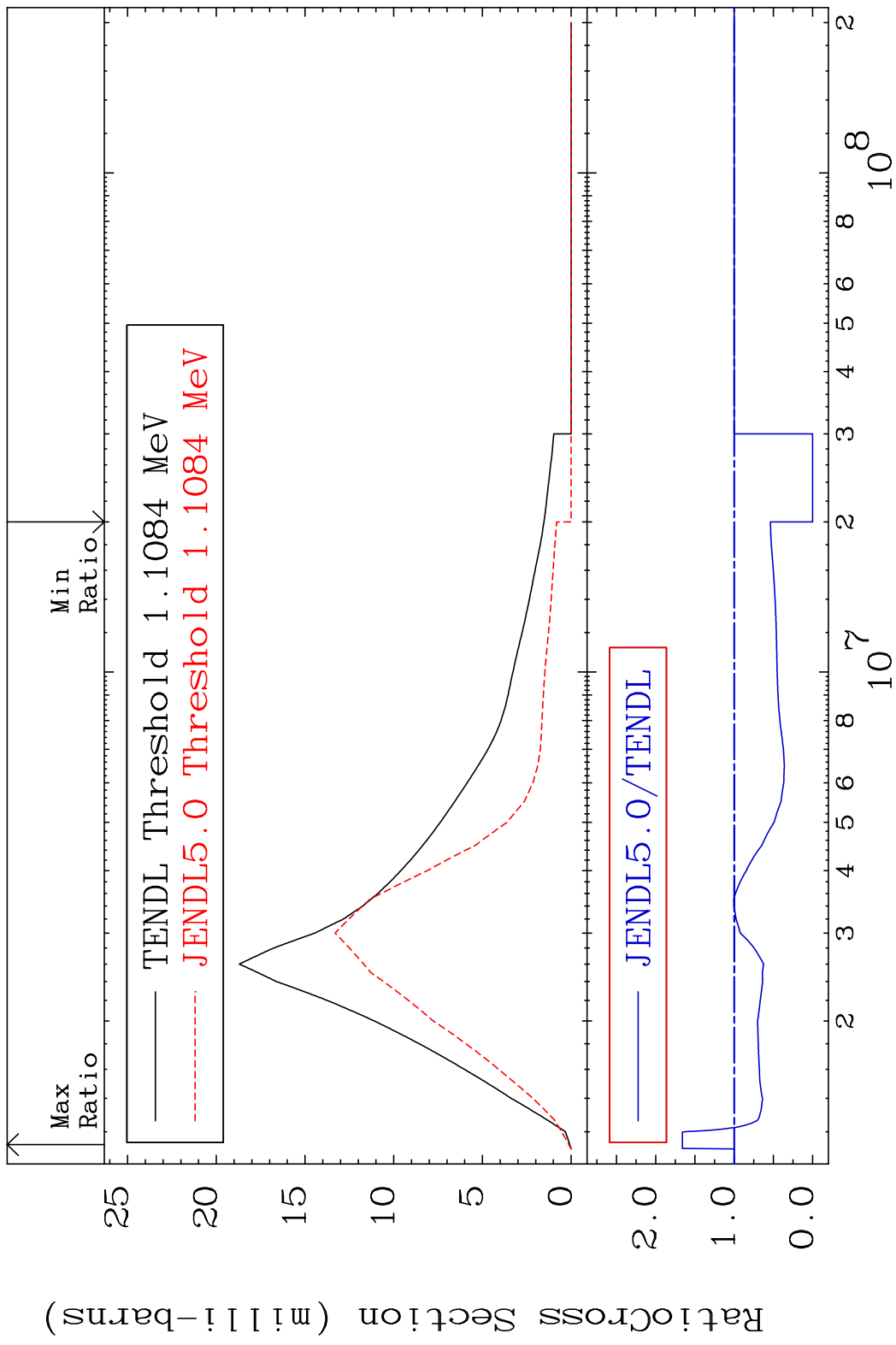


30 Incident Energy (eV) 83-Bi-206

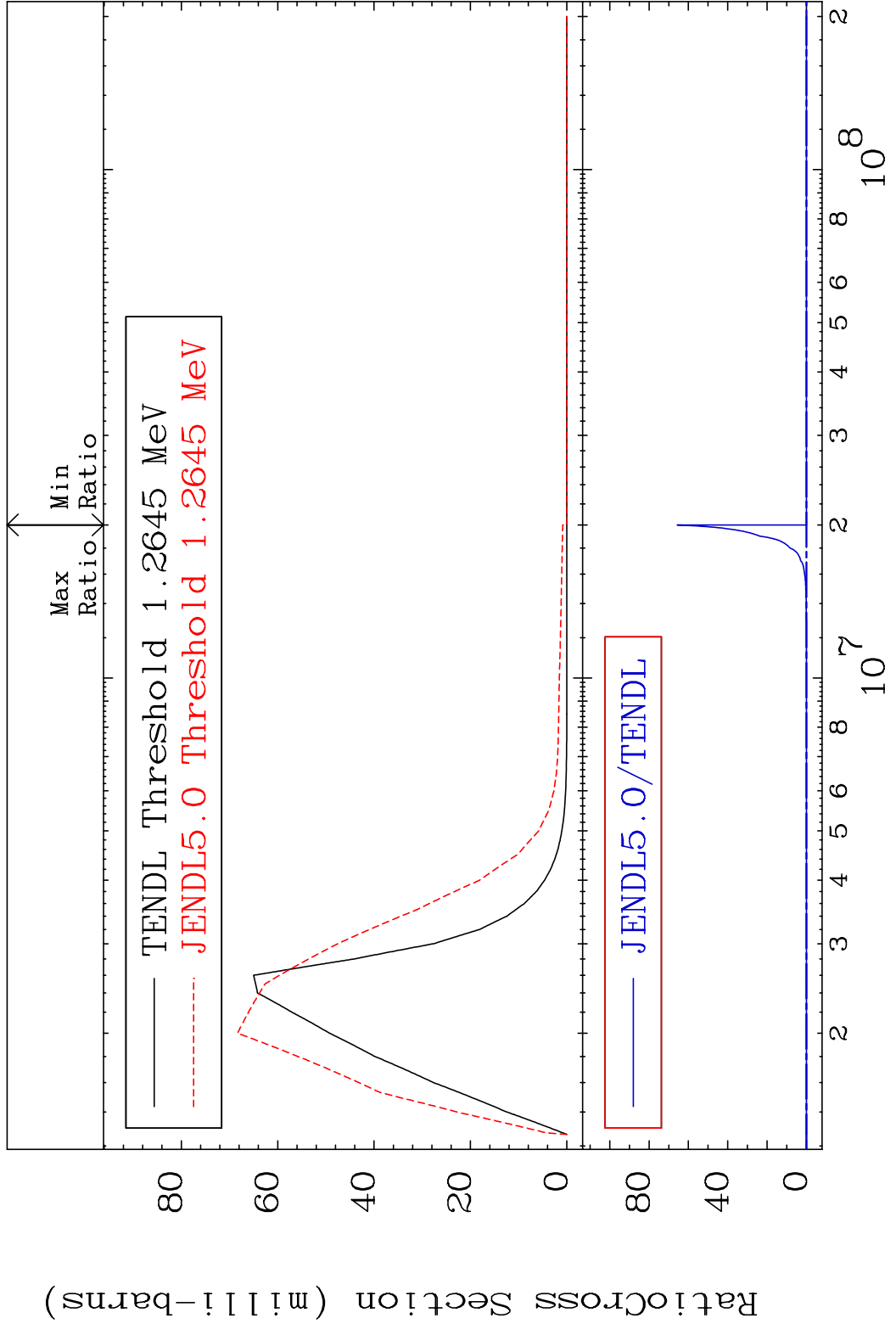
MAT 8316 MT= 69 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



MAT 8316 MT= 70 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 66.01 %

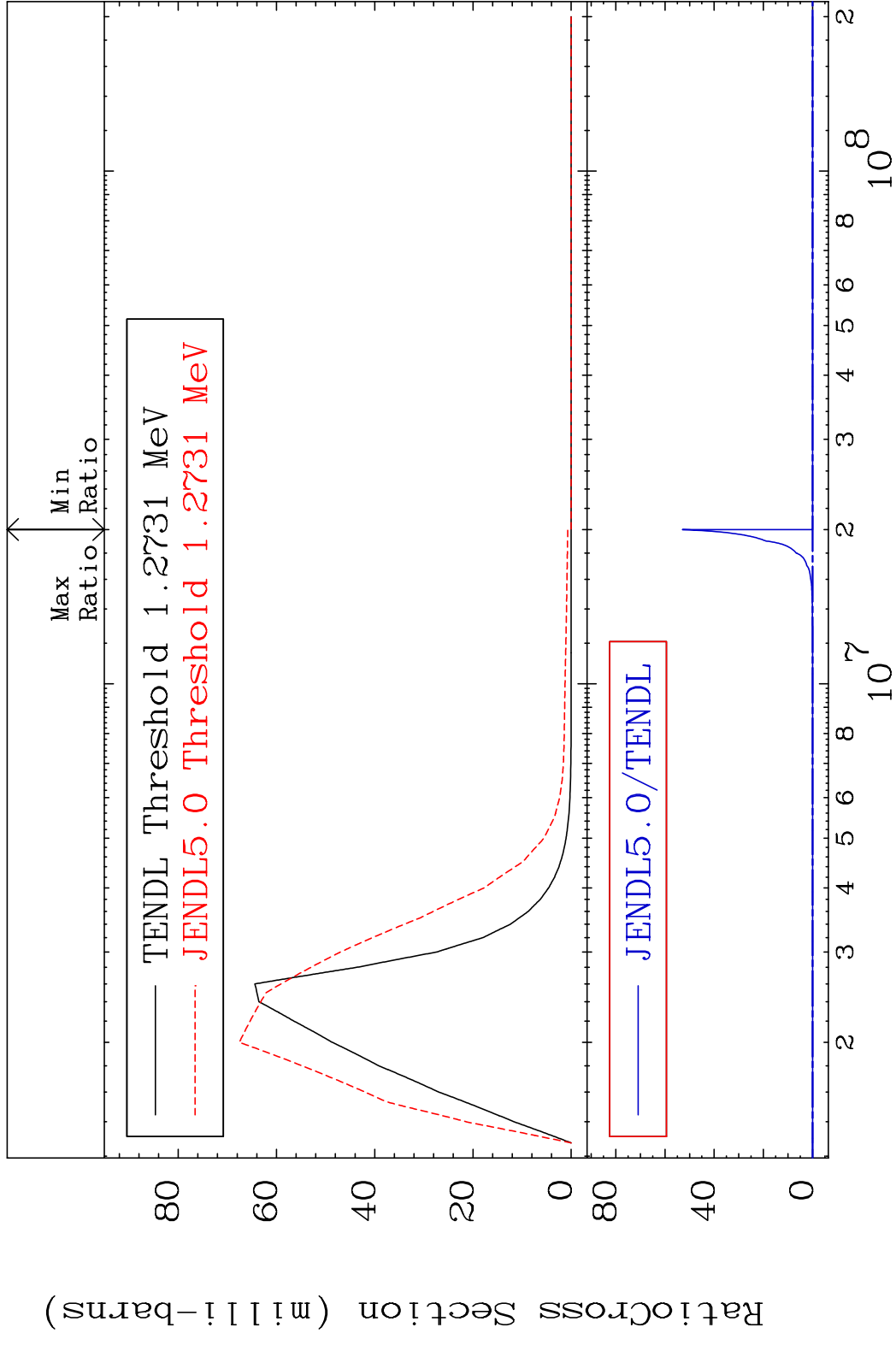


MAT 8316 MT= 71 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

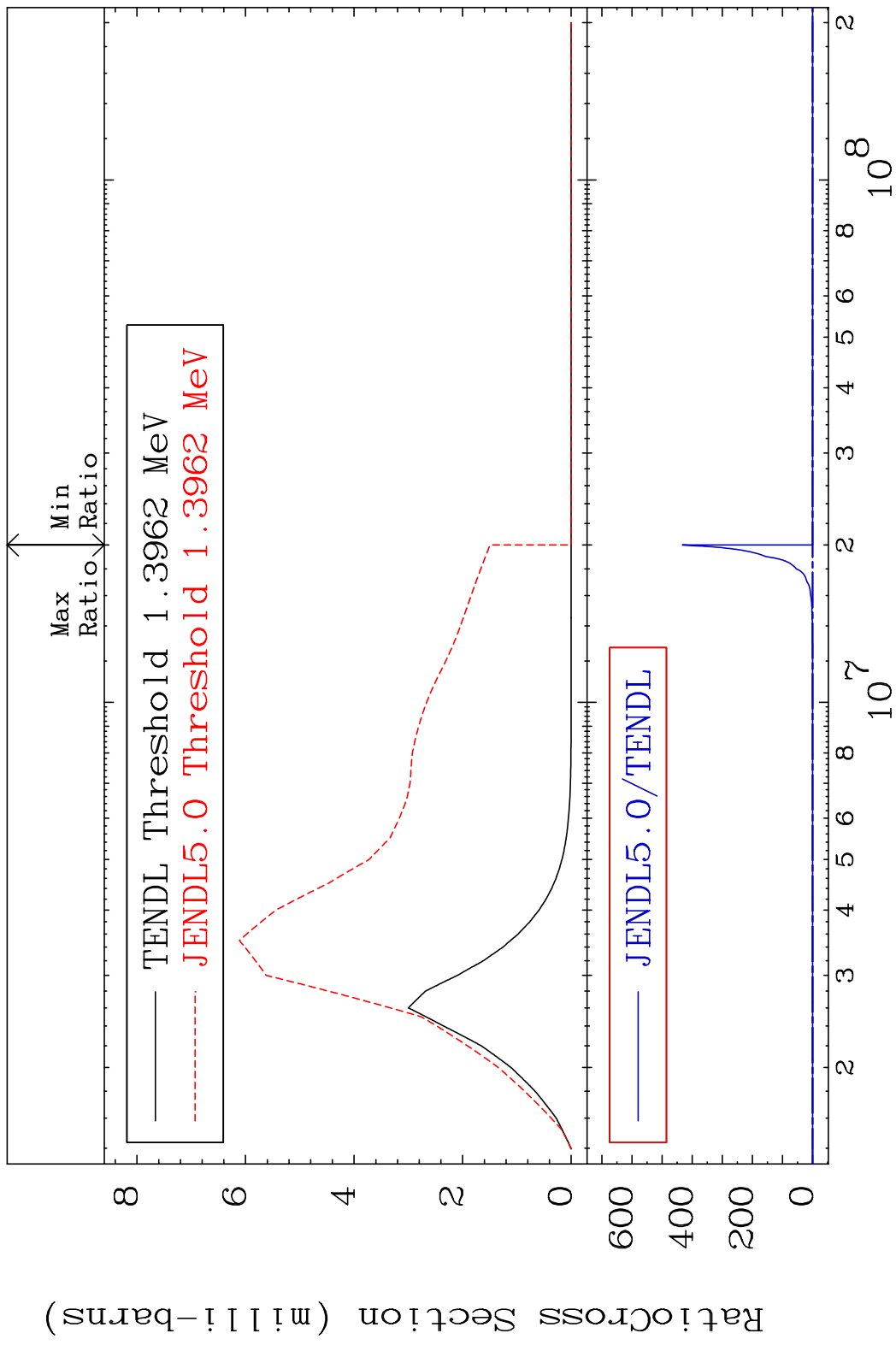


33 Incident Energy (eV) 83-Bi-206

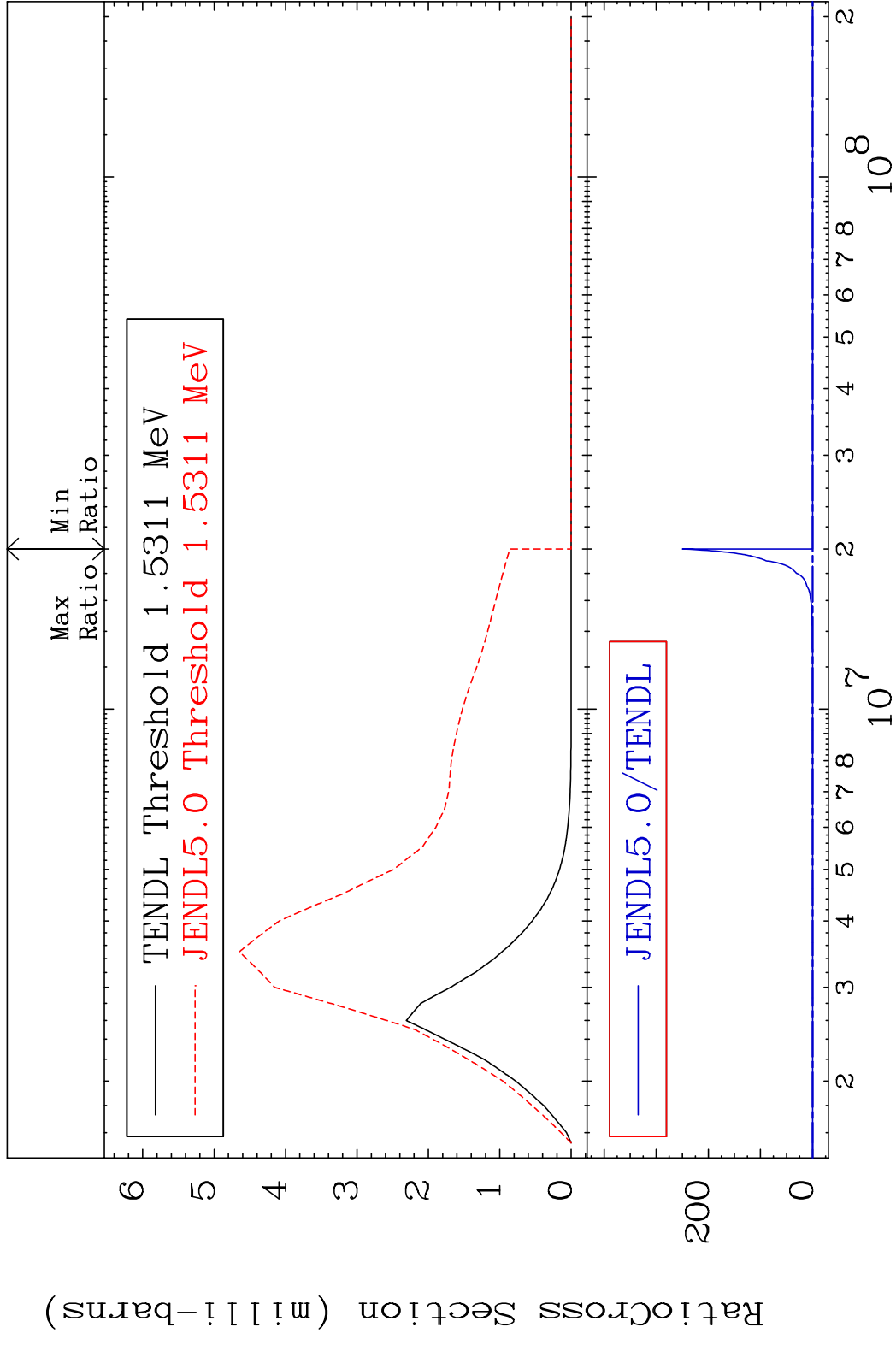
MAT 8316 MT= 72 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



MAT 8316 MT= 73 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %



MAT 8316 MT= 74 (n, n') Level 83-Bi-206
 Cross Section -100.0 To 9999. %

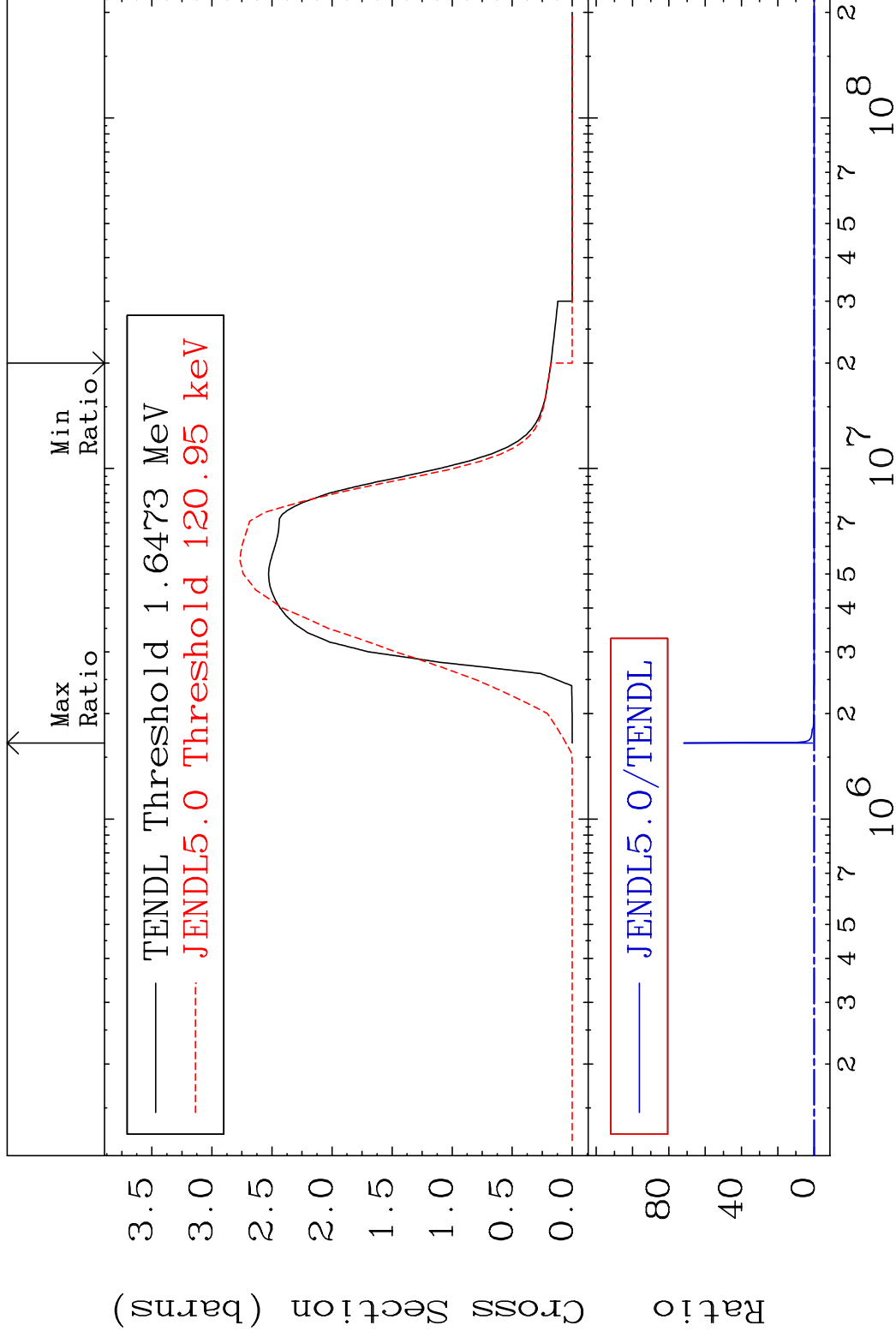


MAT 8316

(n, n') Continuum

83-Bi-206

Cross Section -100.0 To 9999. %

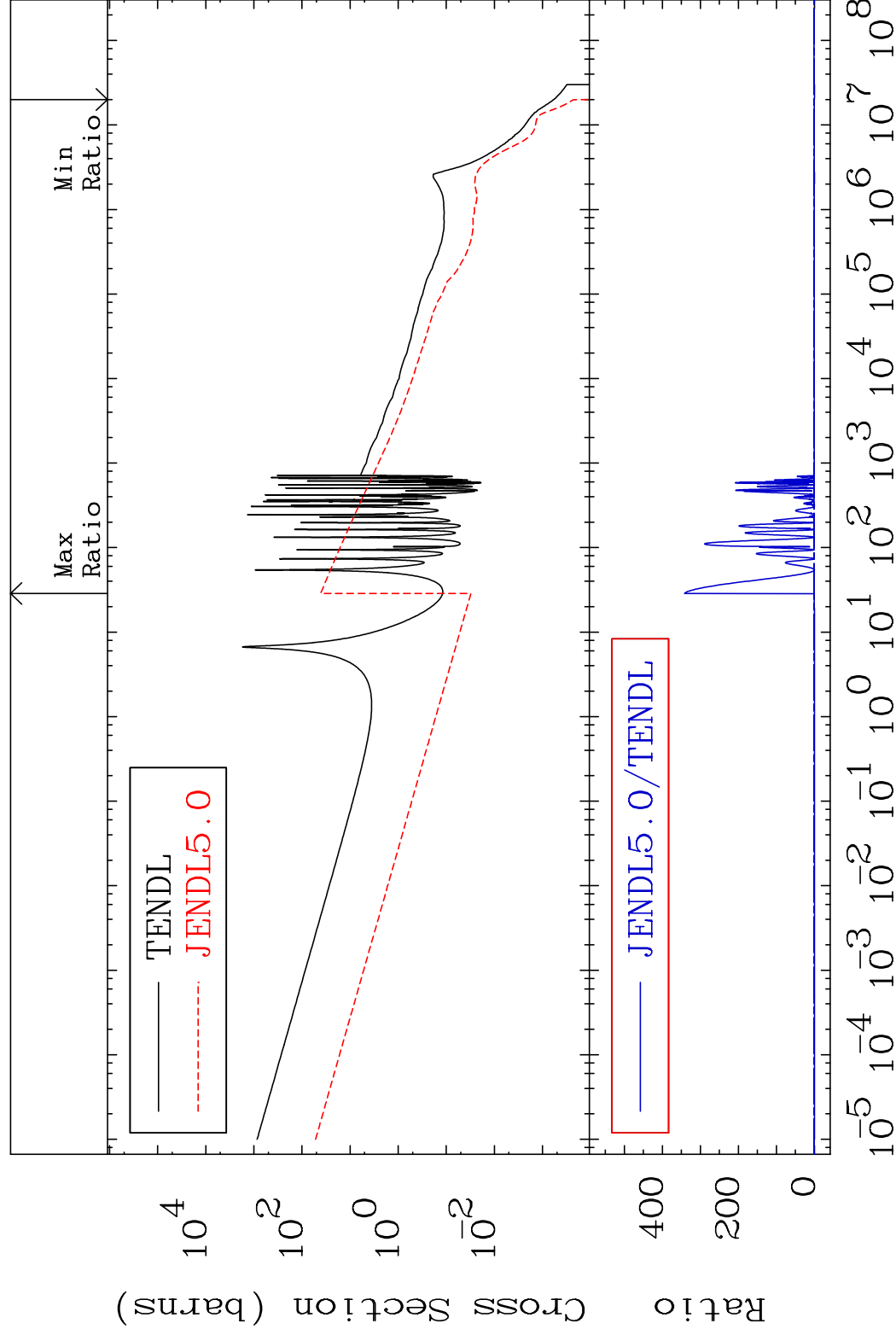


MAT 8316

(n, γ)

83-Bi-206

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

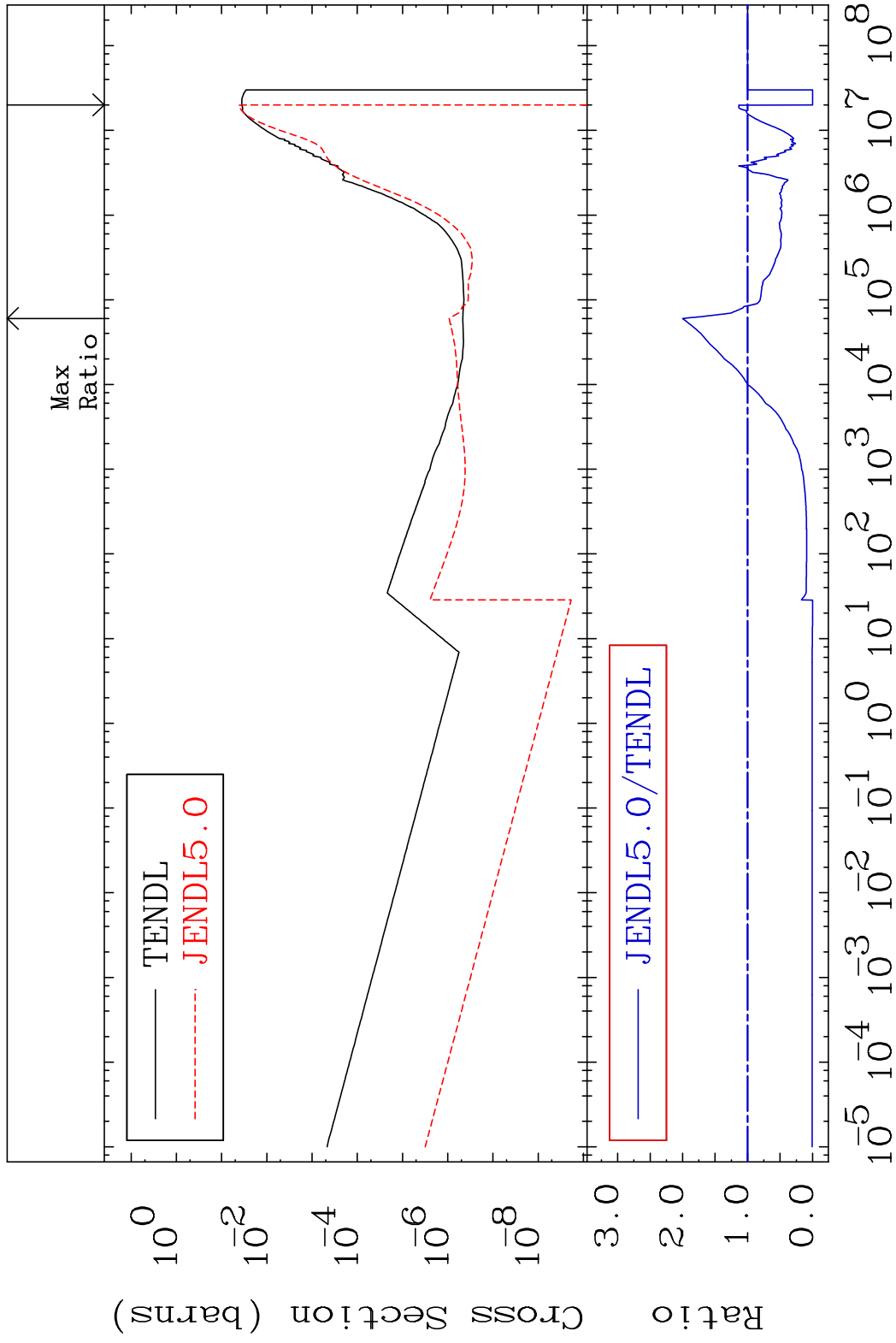
83-Bi-206

MAT 8316

(n, p)

83-Bi-206

Cross Section -100.0 To 100.4 %



39

Incident Energy (eV)

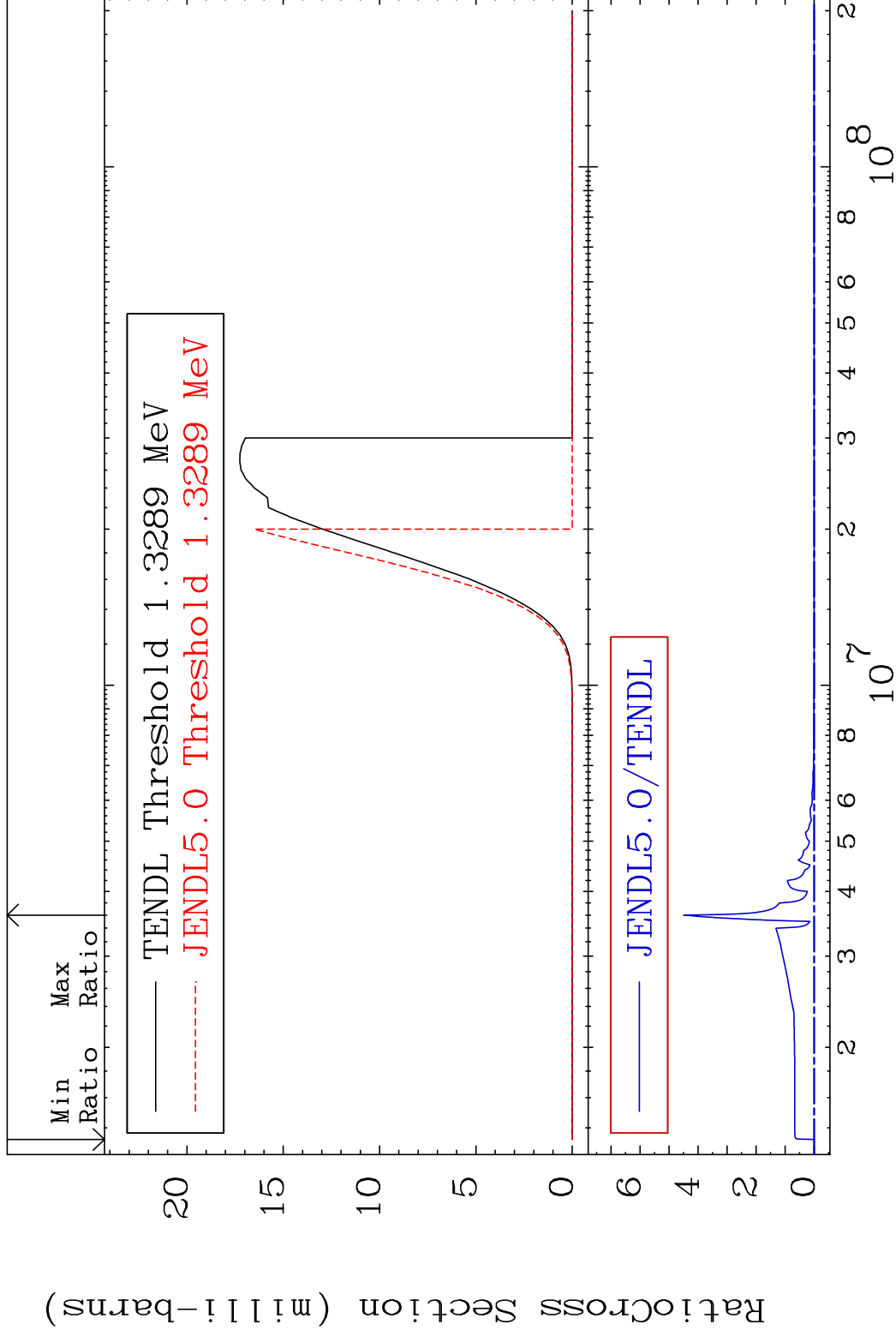
83-Bi-206

MAT 8316

(n, d)

83-Bi-206

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

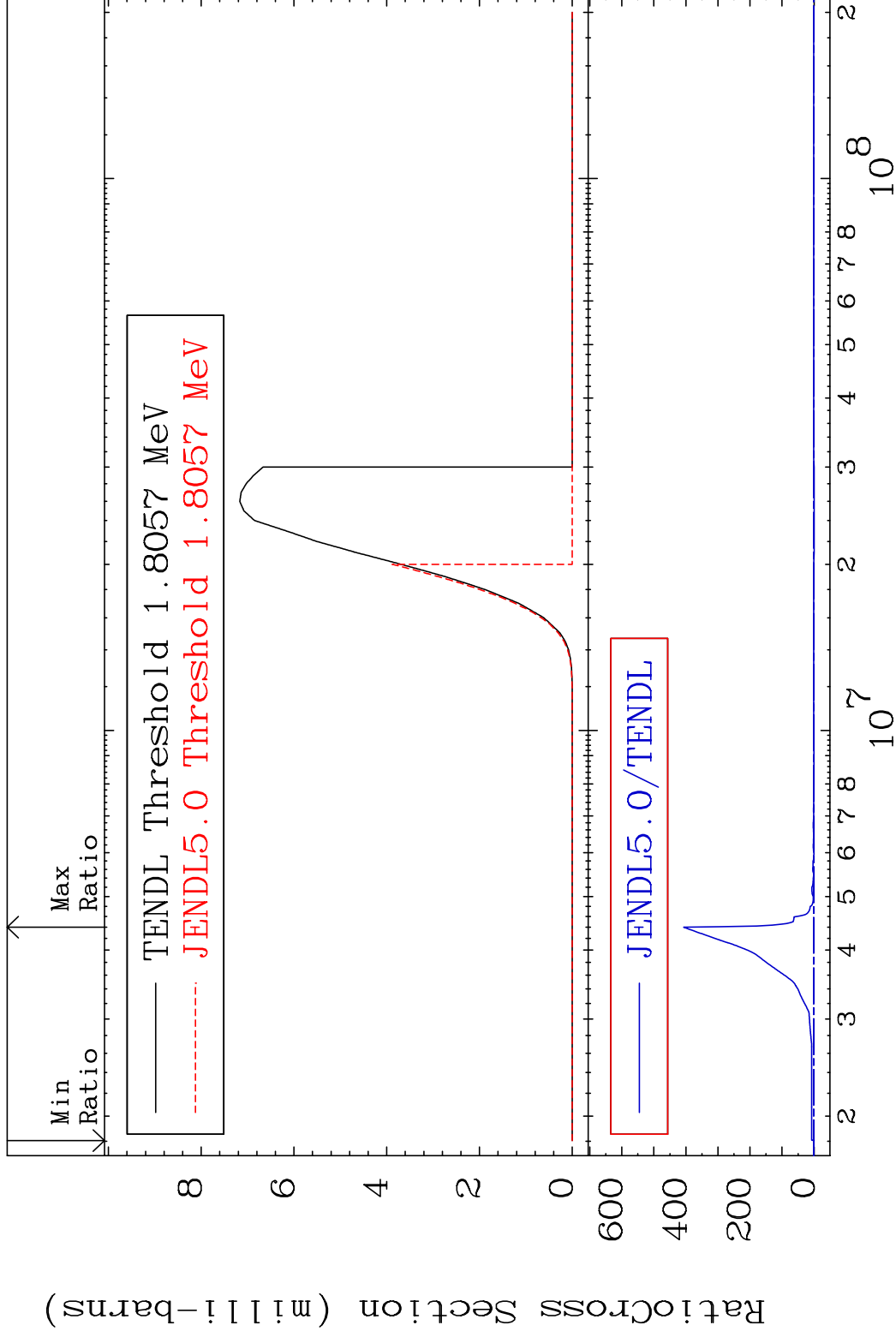
83-Bi-206

MAT 8316

(n, t)

83-Bi-206

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

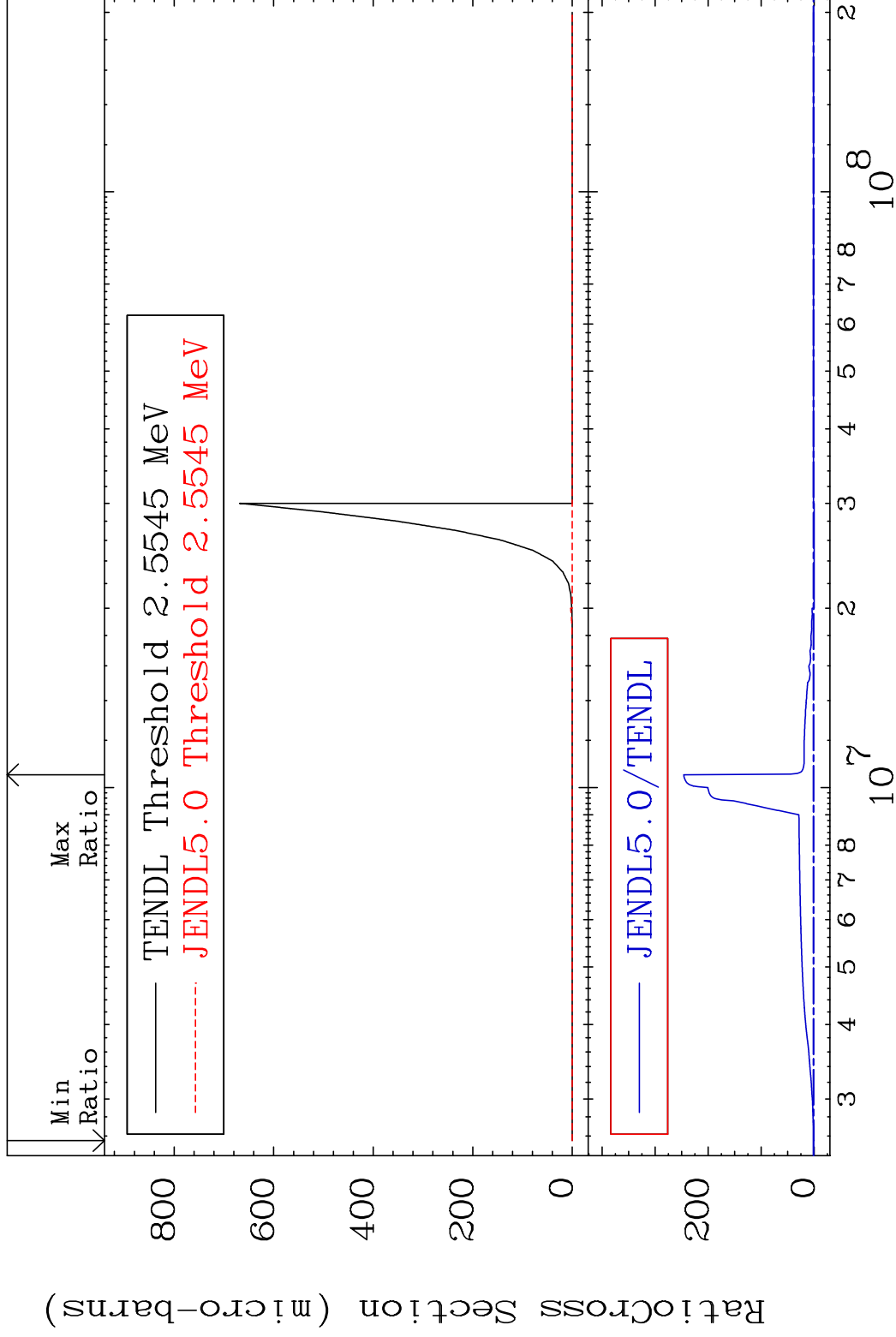
83-Bi-206

MAT 8316

(n, He-3)

83-Bi-206

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

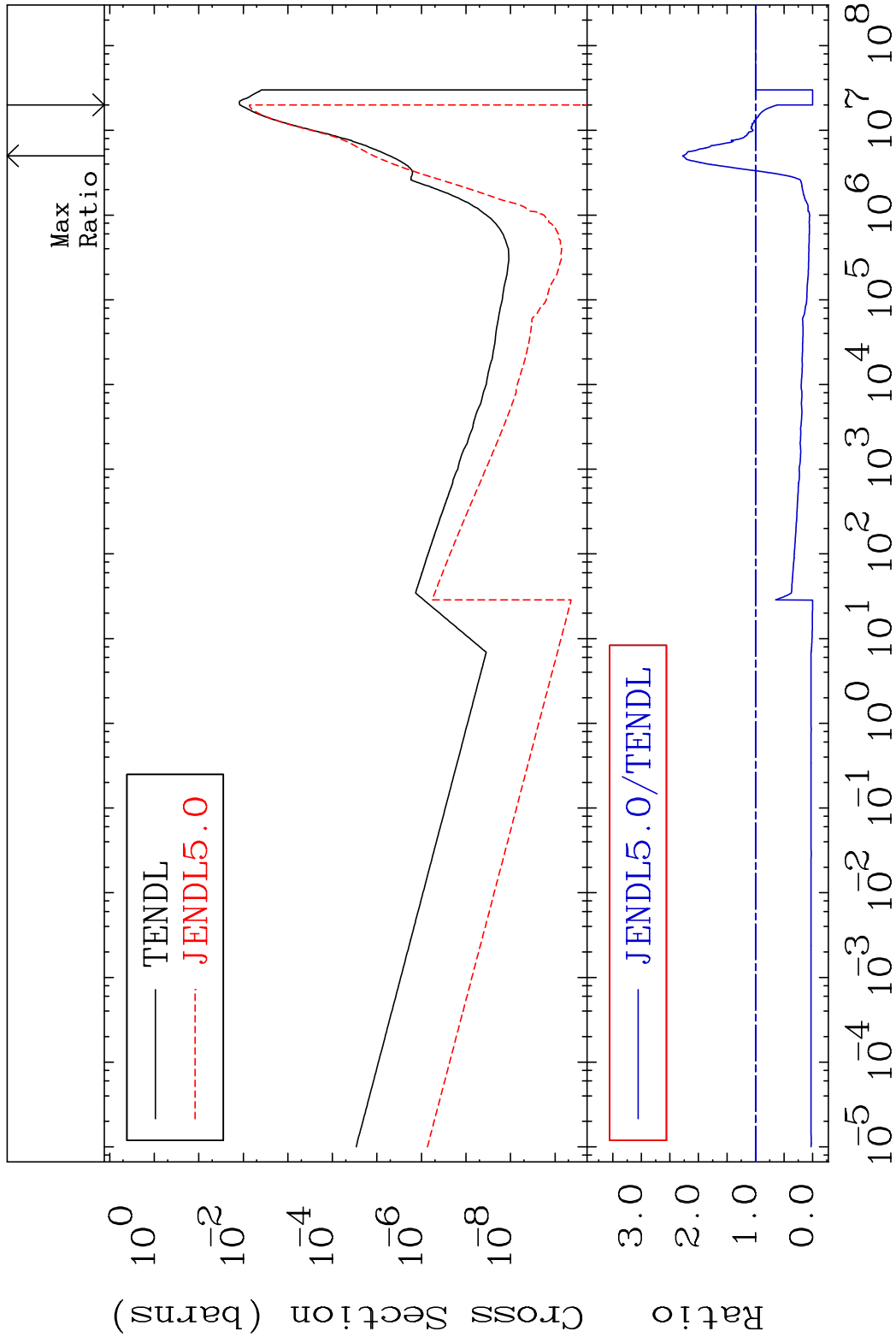
83-Bi-206

MAT 8316

(n, α)

83-Bi-206

Cross Section -100.0 To 128.2 %

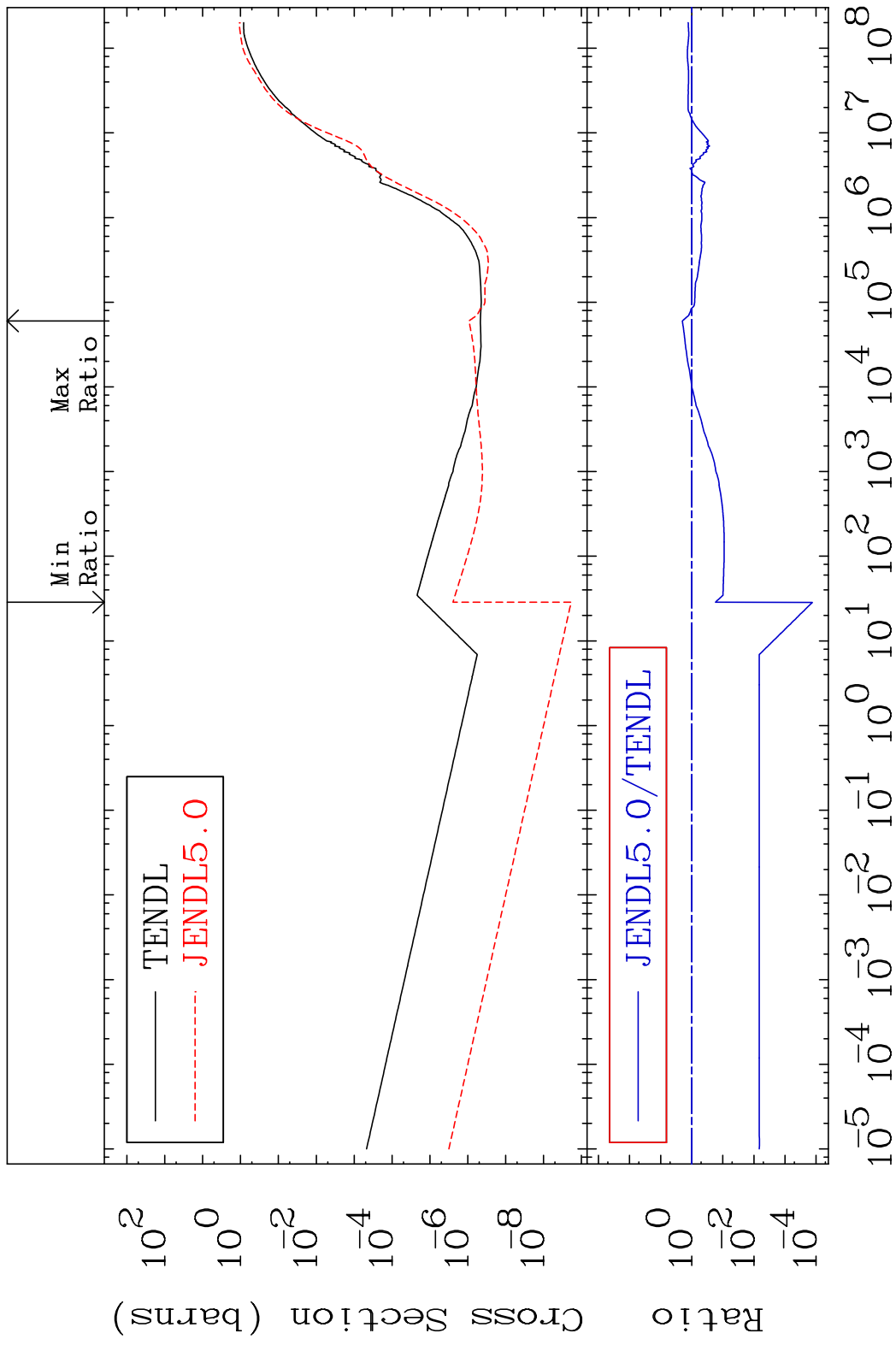


43

Incident Energy (eV)

83-Bi-206

MAT 8316 Hydrogen Production 83-Bi-206
 Cross Section -99.99 To 100.4 %

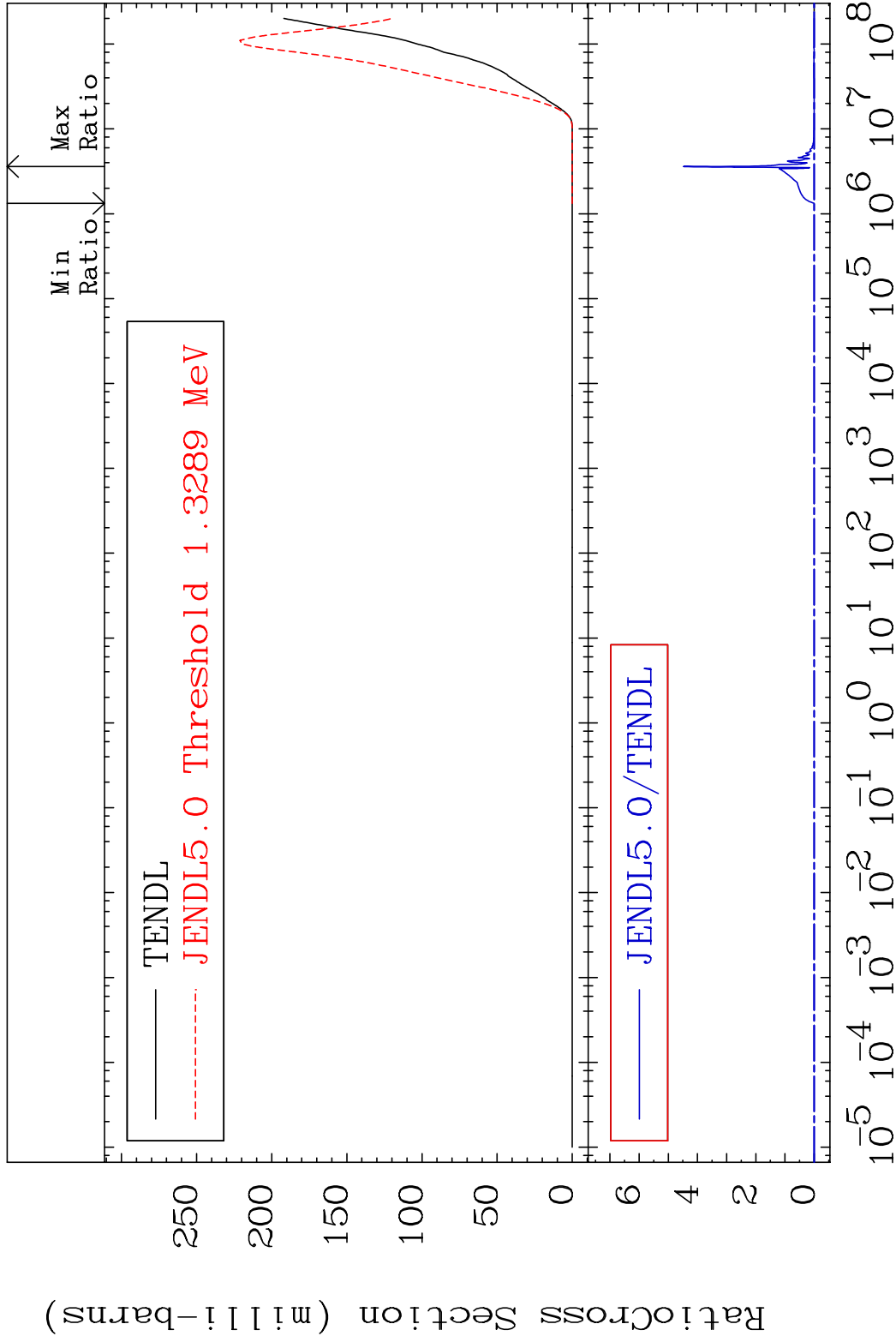


MAT 8316

Deuterium Production

83-Bi-206

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

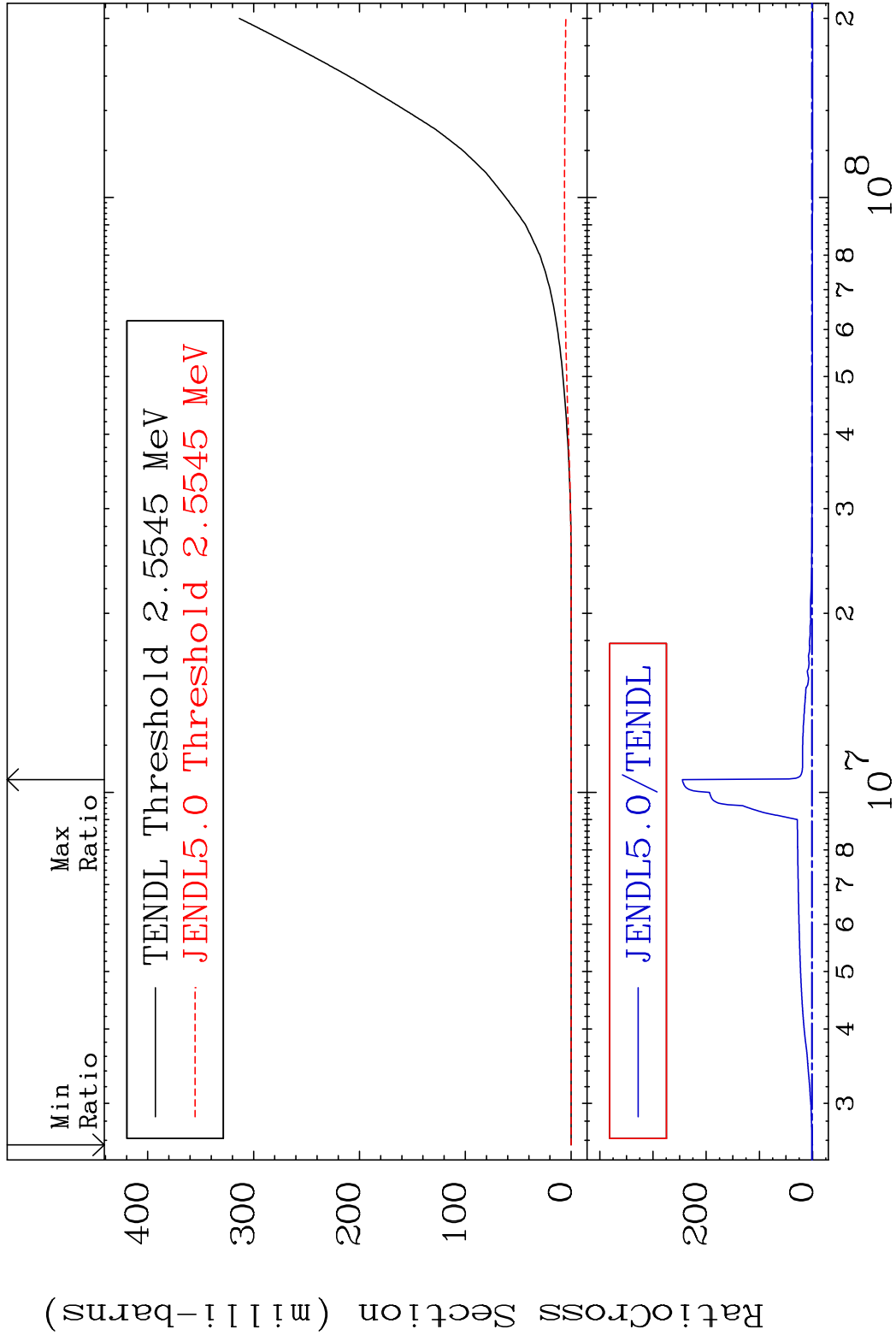
83-Bi-206

MAT 8316

He-3 Production

83-Bi-206

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

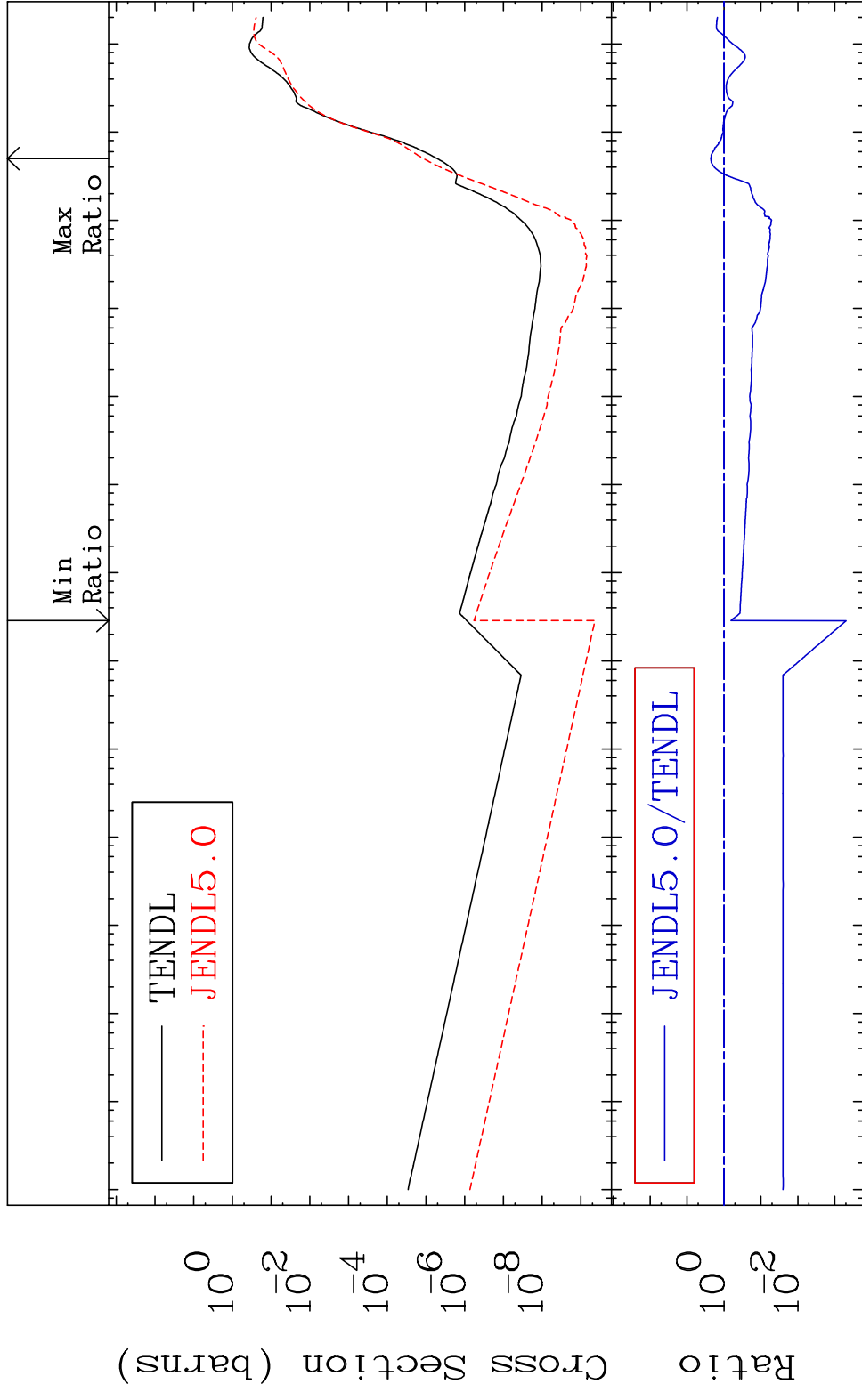
83-Bi-206

MAT 8316

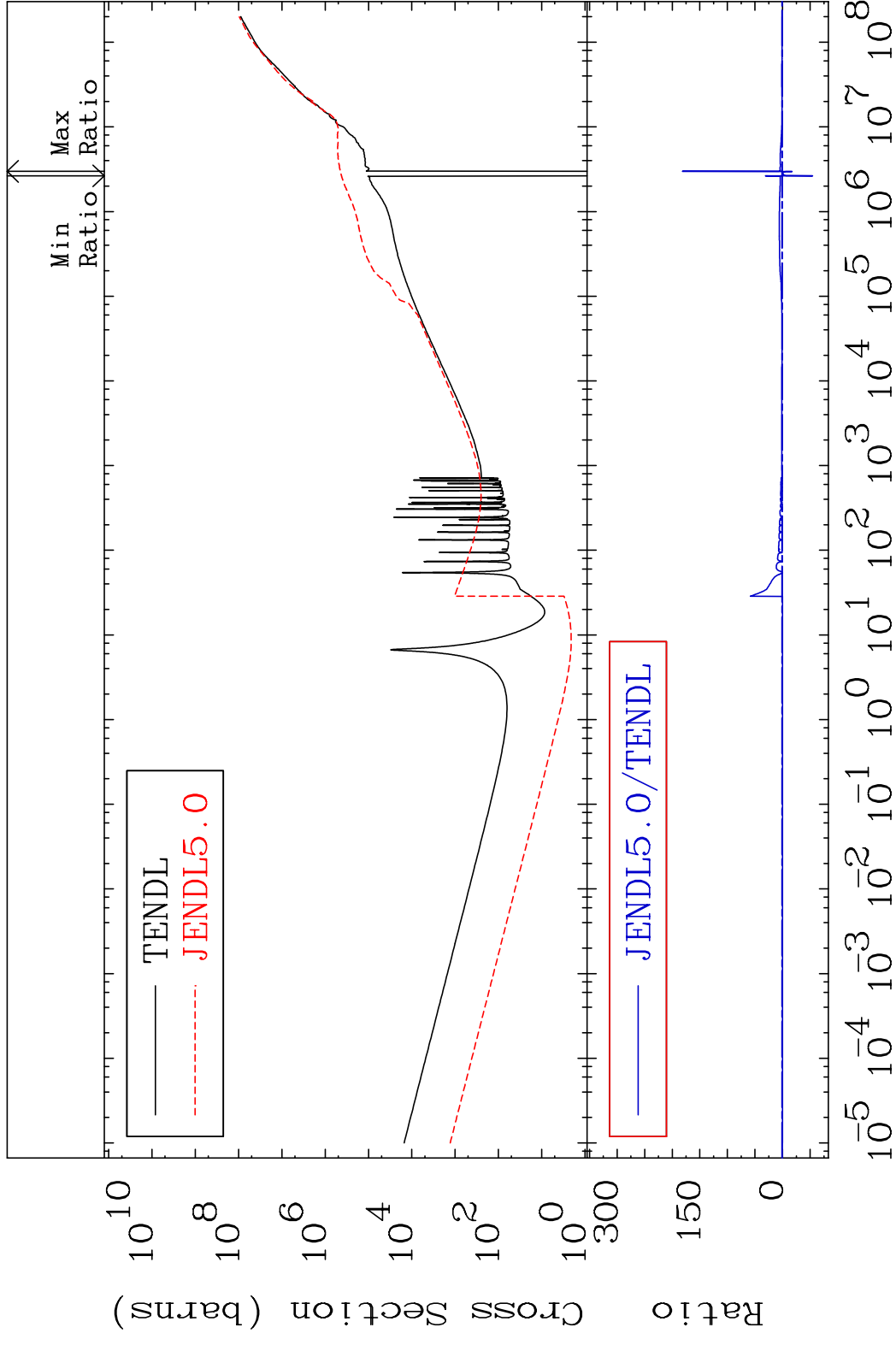
He-4 Production

83-Bi-206

Cross Section -99.95 To 128.2 %



MAT 8316 Kerma total (eV-barns) 83-Bi-206
 Cross Section -5538. To 9999. %

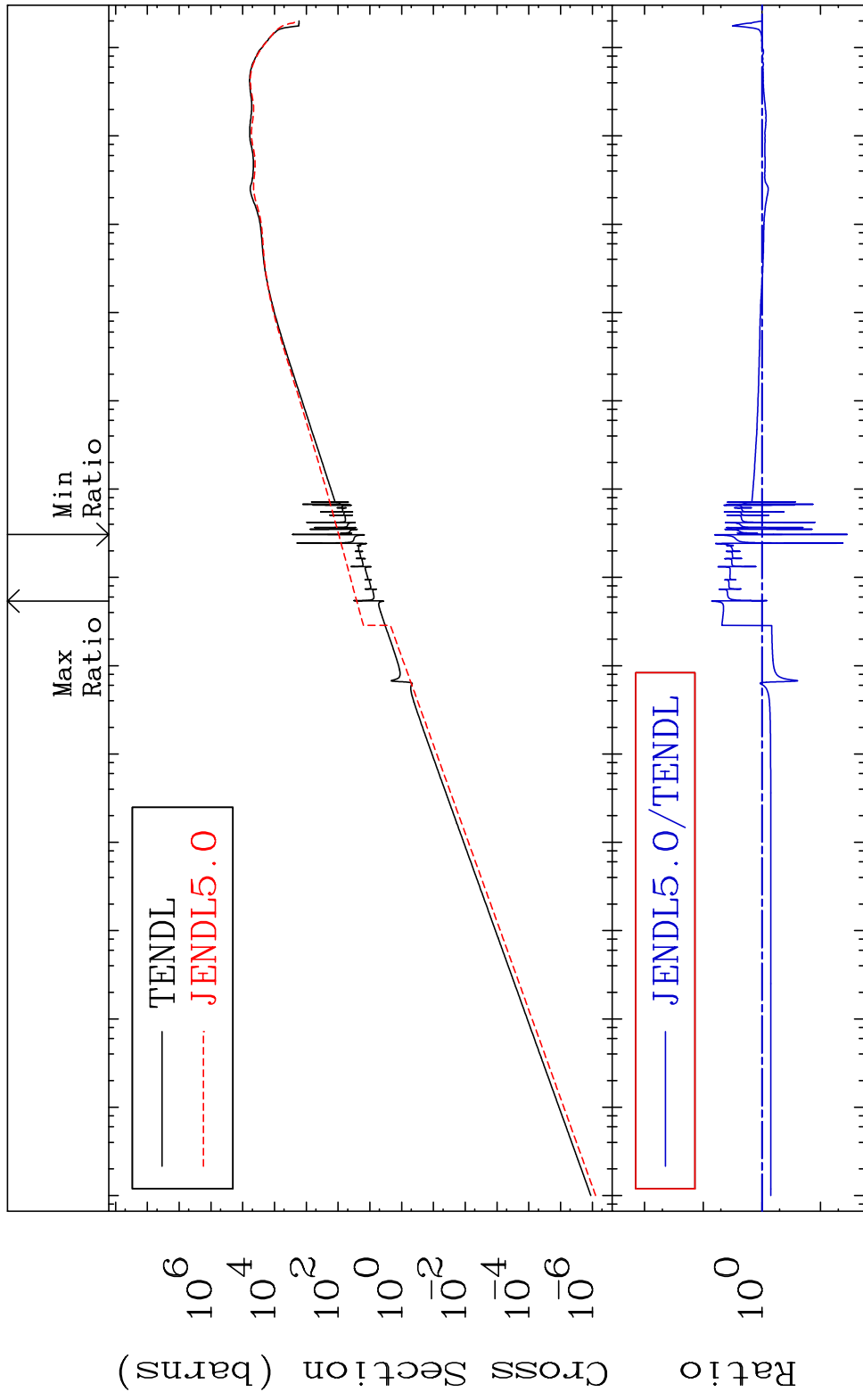


49 Incident Energy (eV) 83-Bi-206

MAT 8316

Kerma elastic Cross Section -96.50 To 622.8 %

83-Bi-206



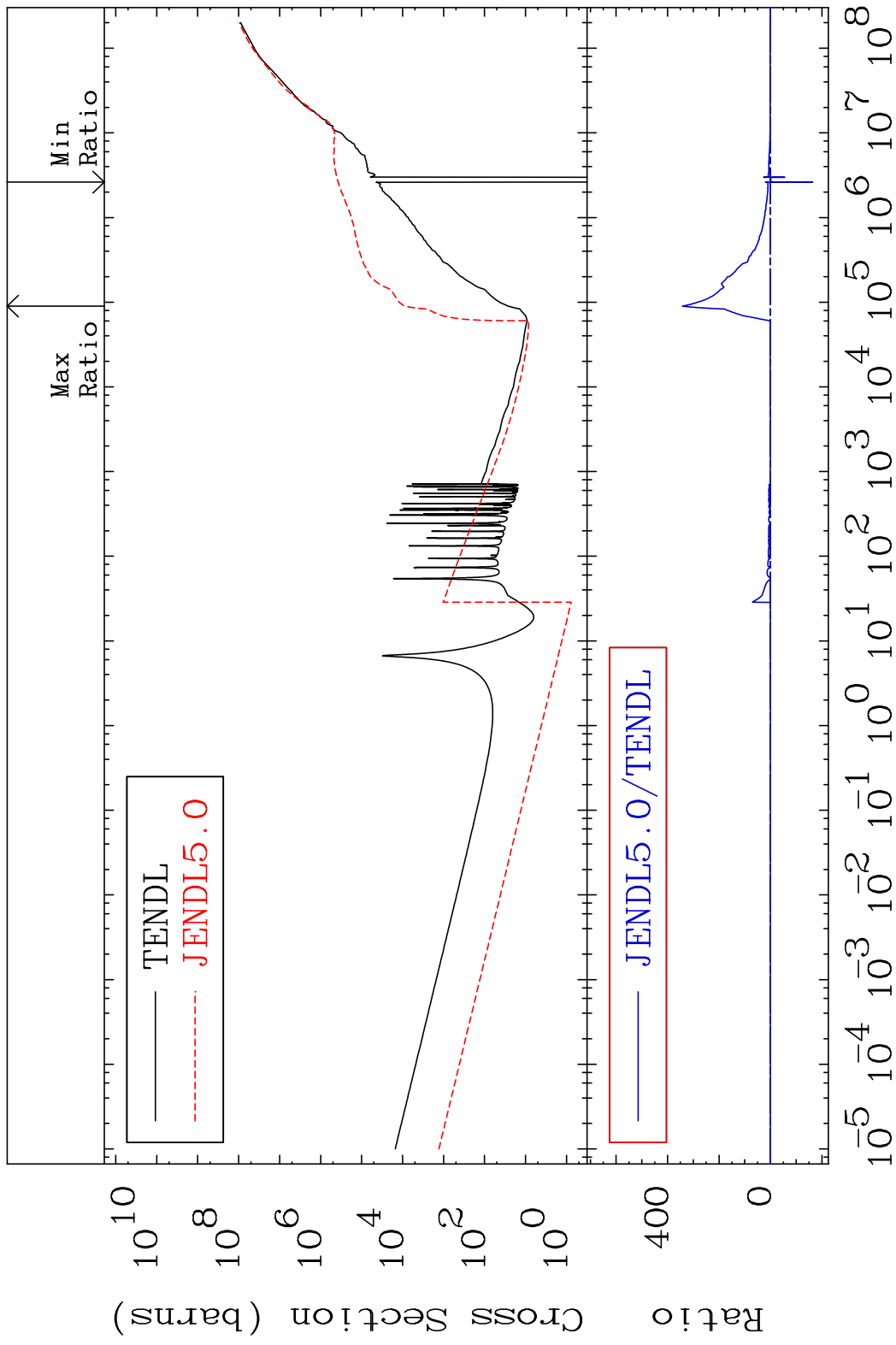
Ratio

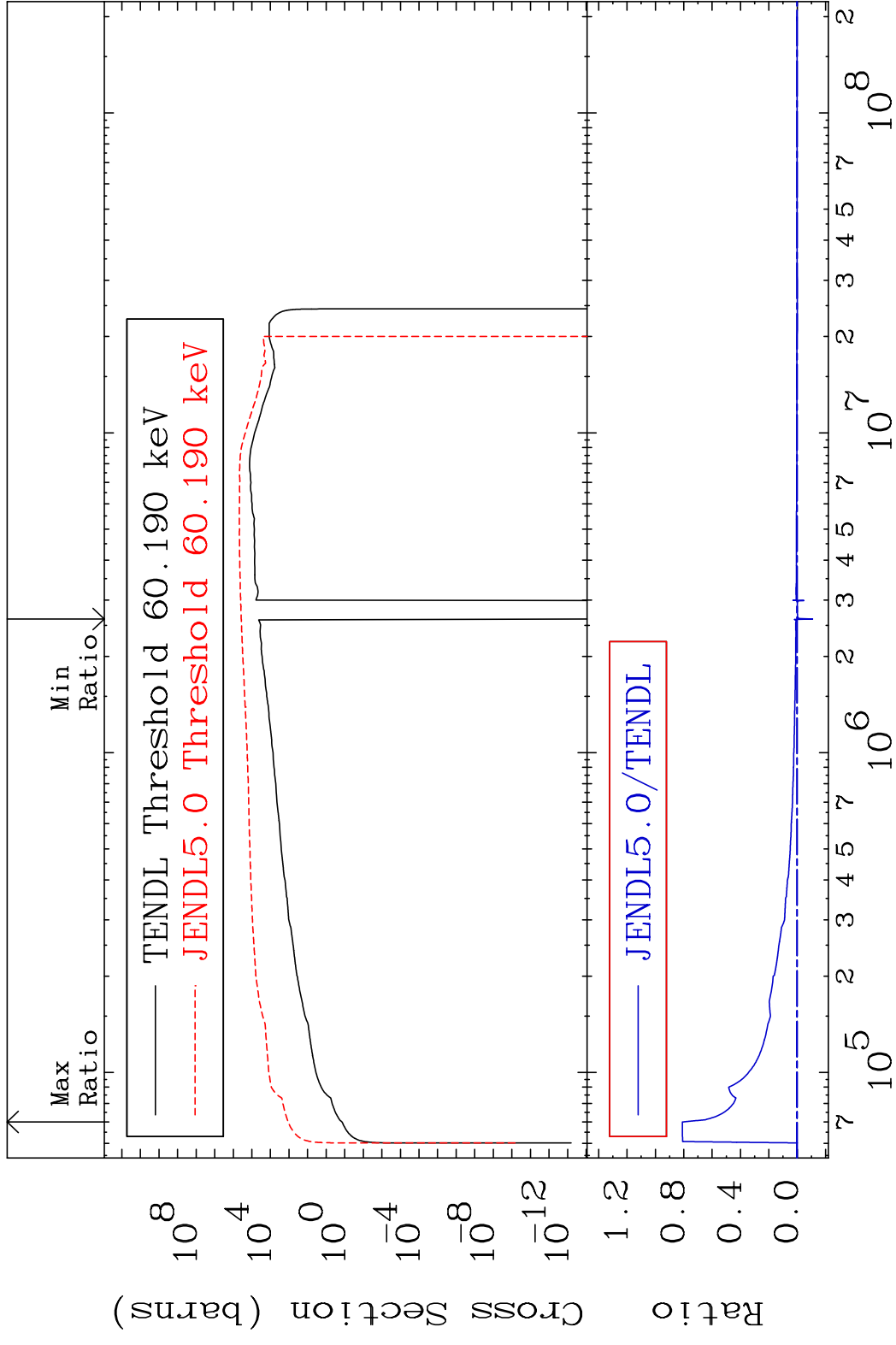
50

Incident Energy (eV)

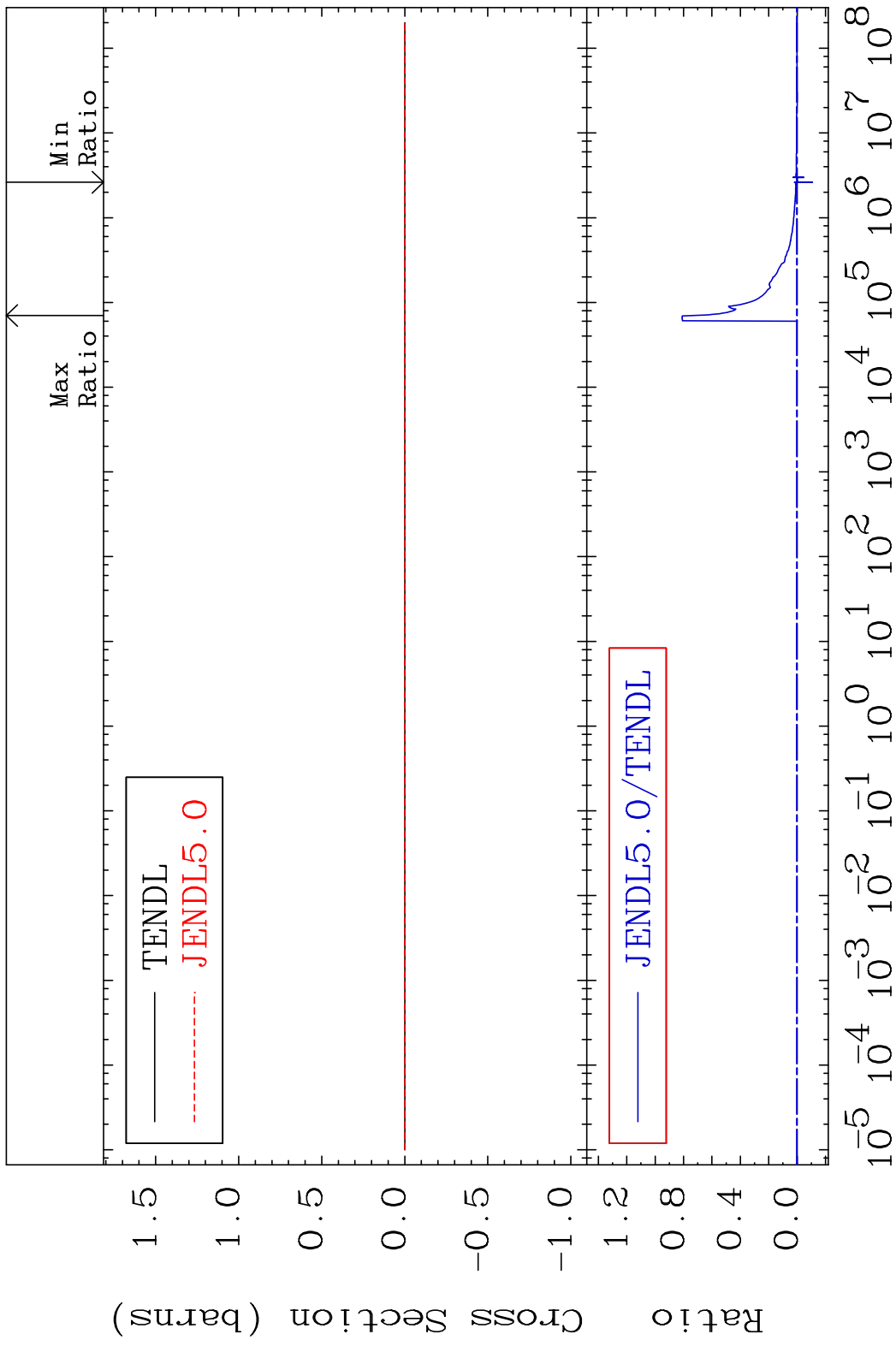
83-Bi-206

MAT 8316 Kerma non-elastic (all but mt2) 83-Bi-206
 Cross Section -9999. To 9999. %



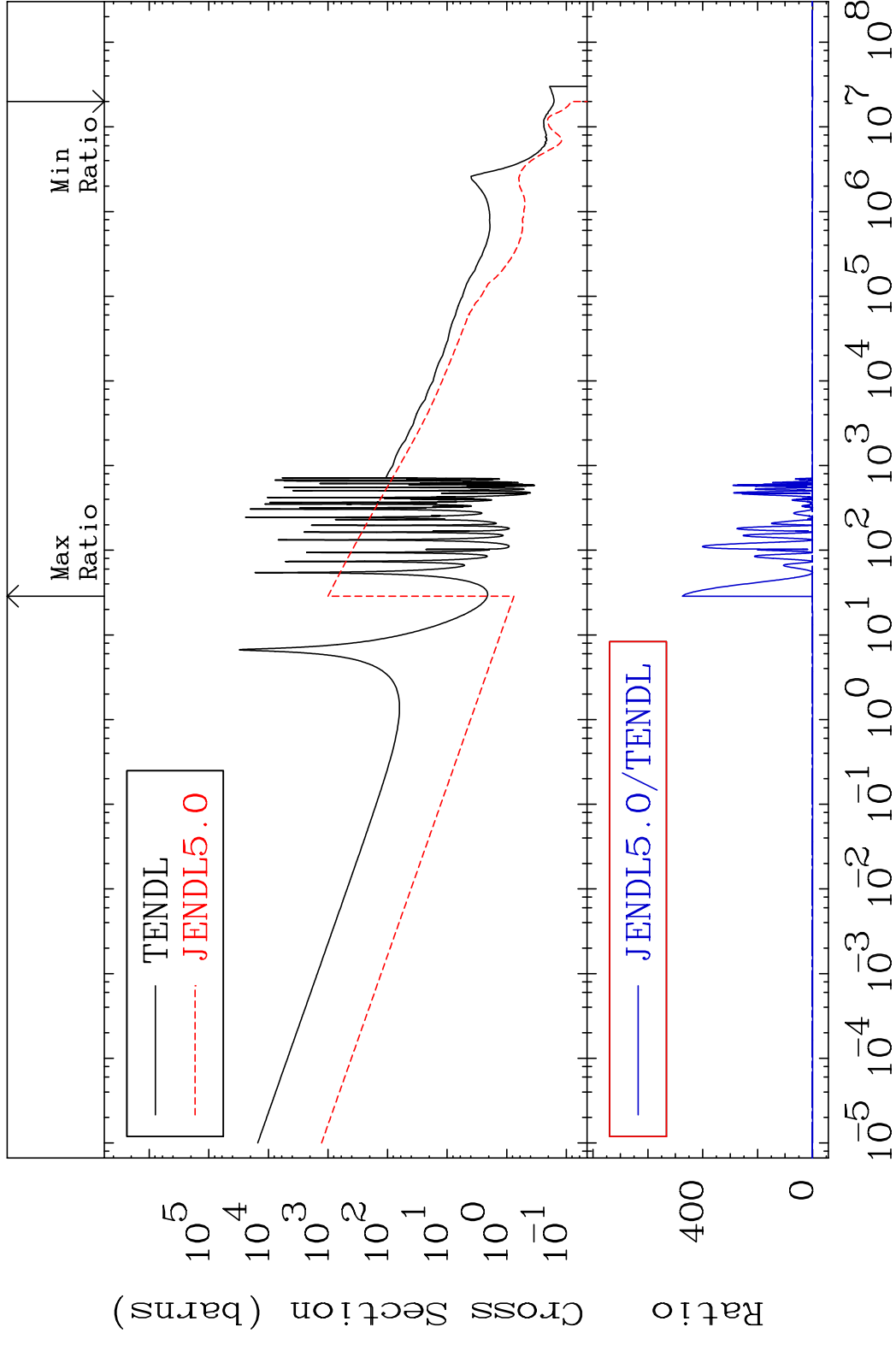


MAT 8316 Kerma fission (mt18 or mt19-20-21-38) β 3-Bi-206
 Cross Section -9999. To 9999. %



MAT 8316

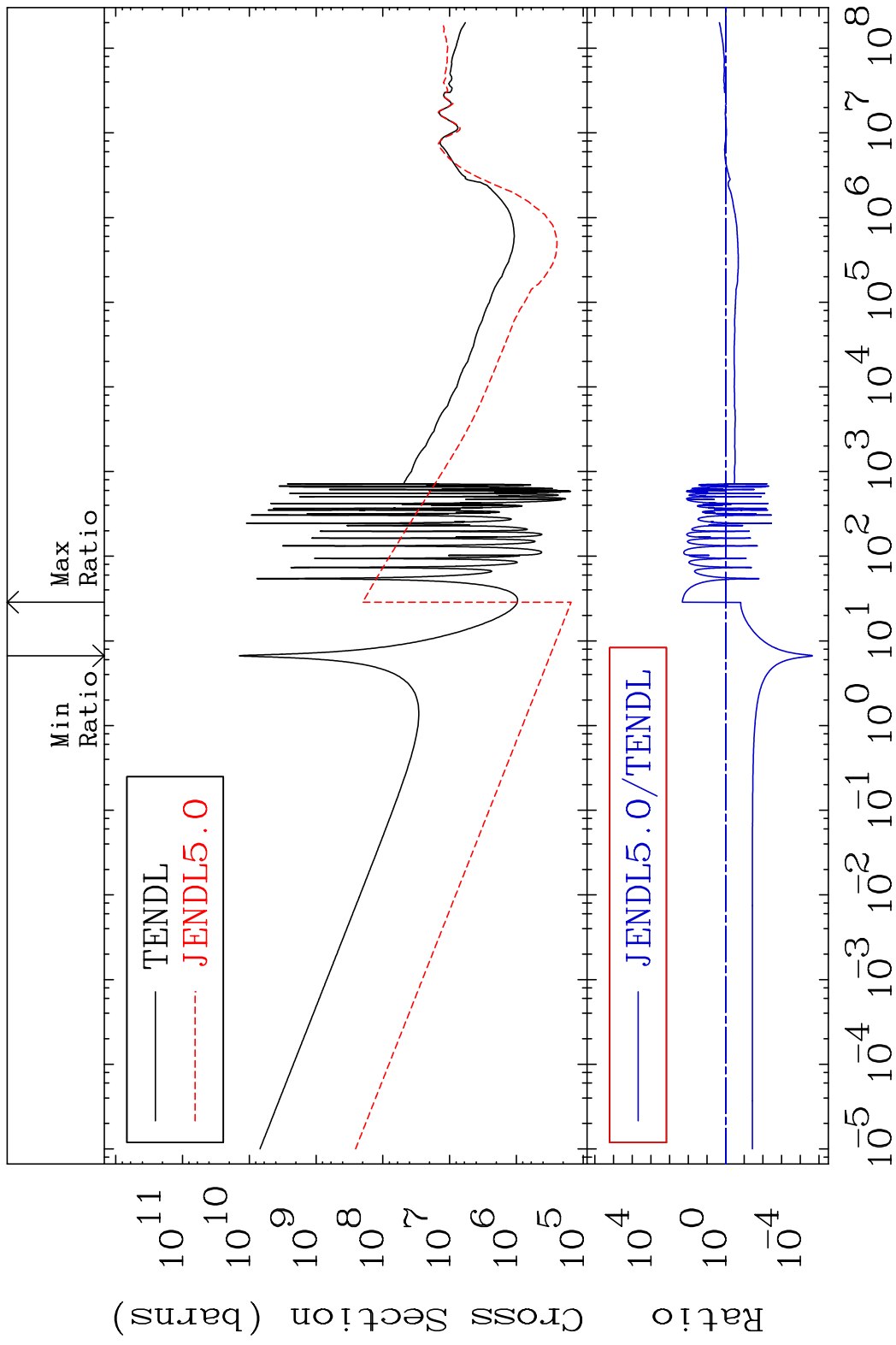
Kerma capture (mt102) 83-Bi-206
Cross Section -100.0 To 9999. %



54

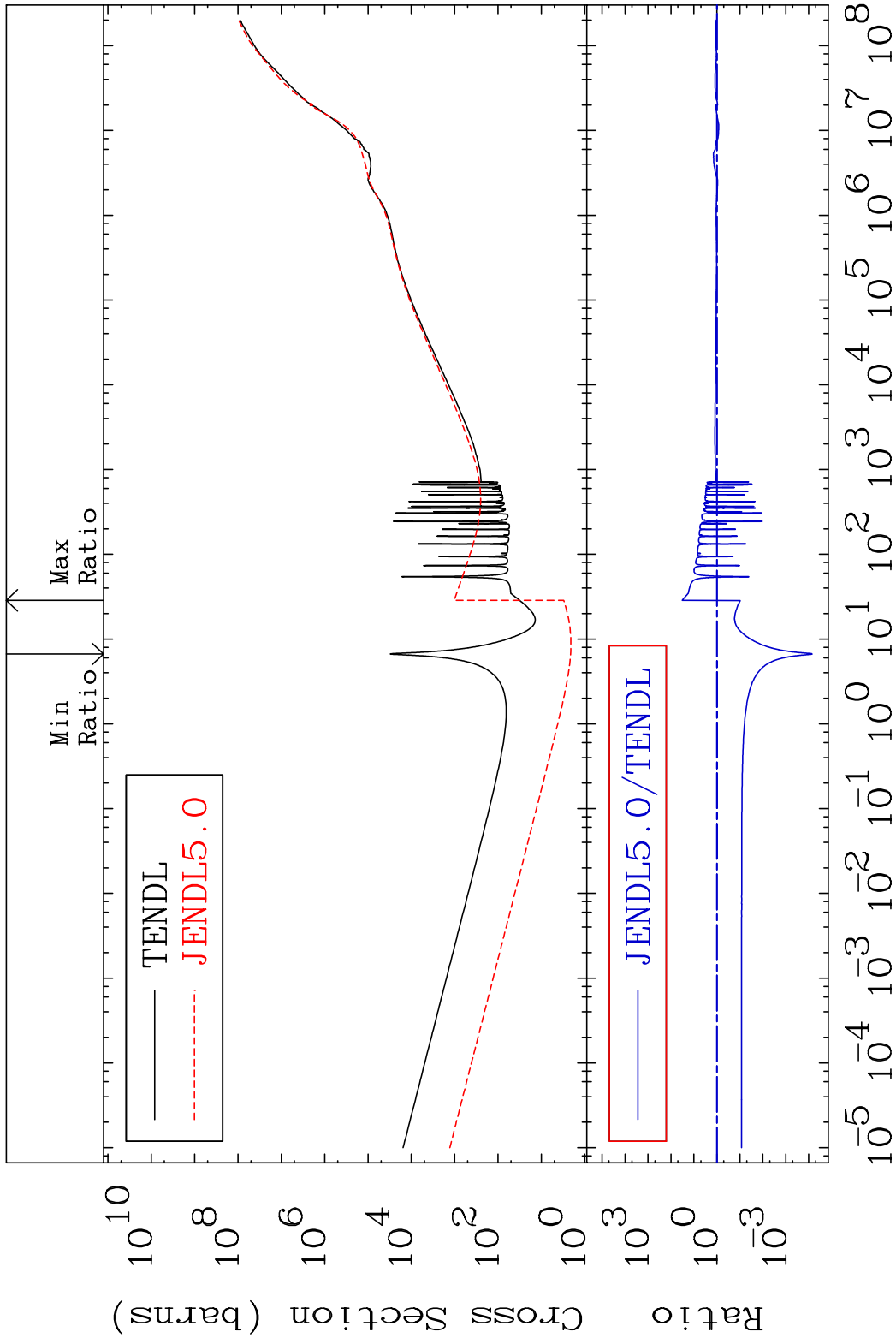
Incident Energy (eV) 83-Bi-206

MAT 8316 Total photon (eV-barns) 83-Bi-206
 Cross Section -100.0 To 9999. %

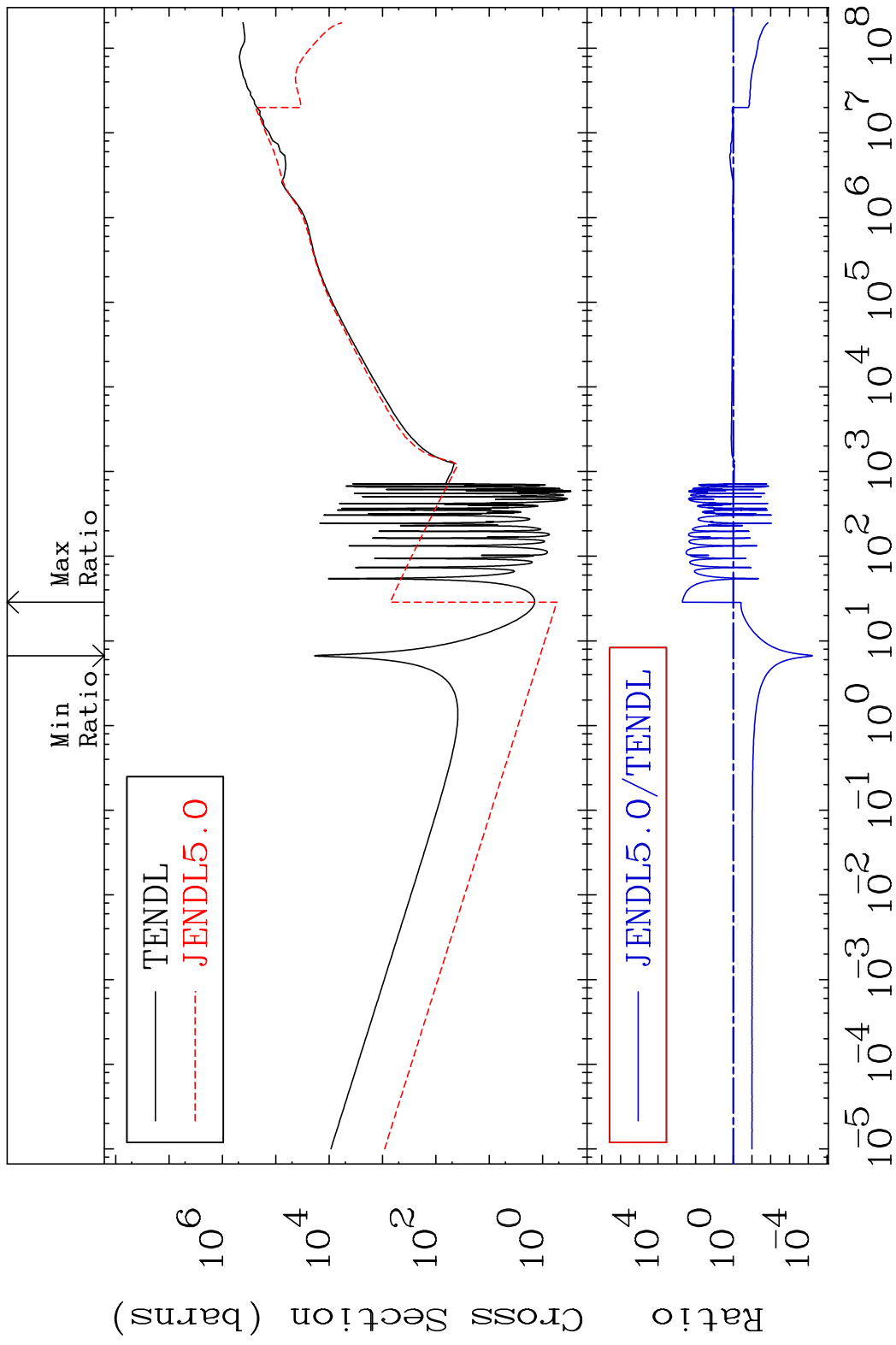


55 Incident Energy (eV) 83-Bi-206

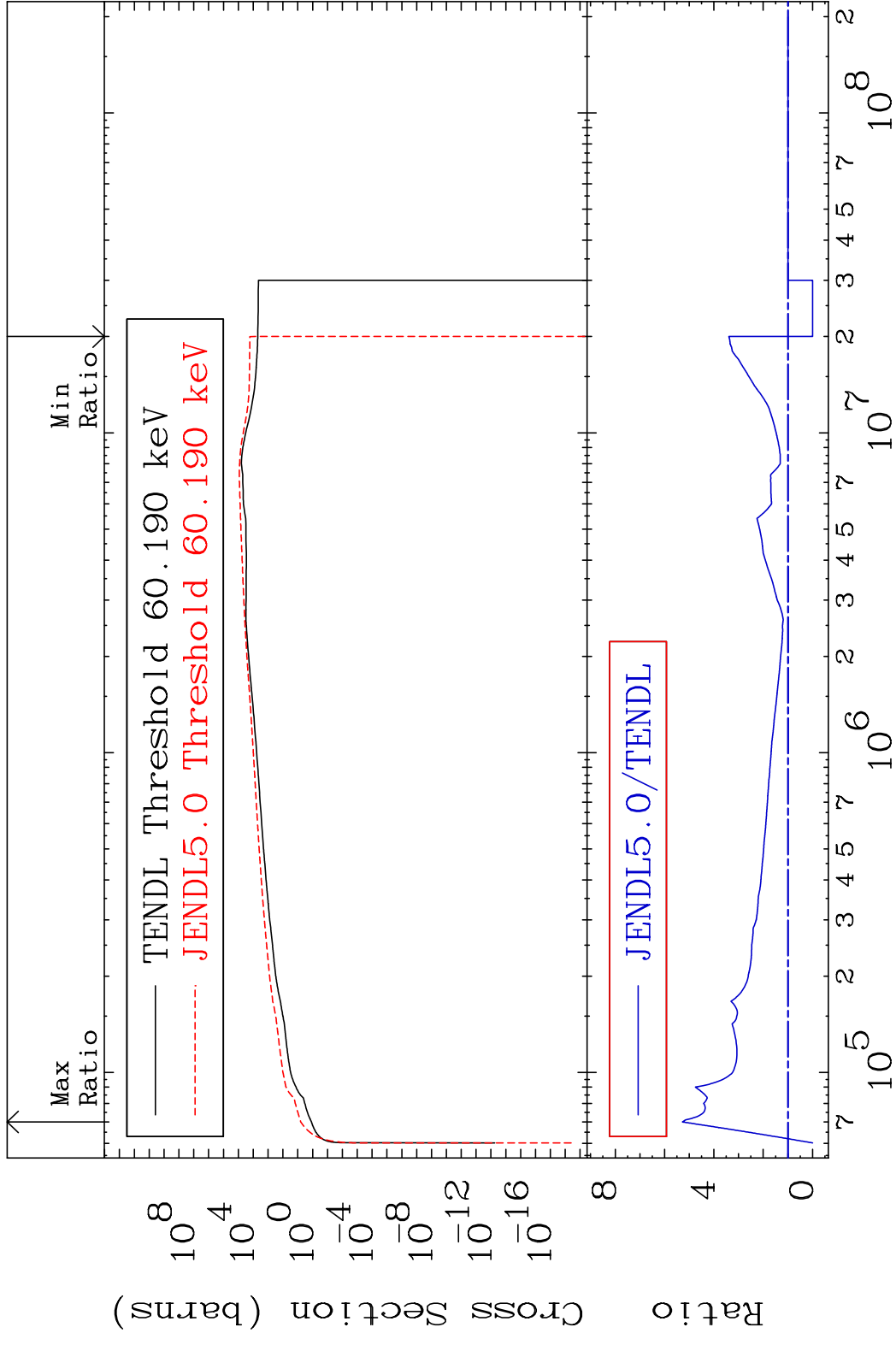
MAT 8316 Total kinematic kerma (high limit) 83-Bi-206
 Cross Section -99.99 To 3158. %



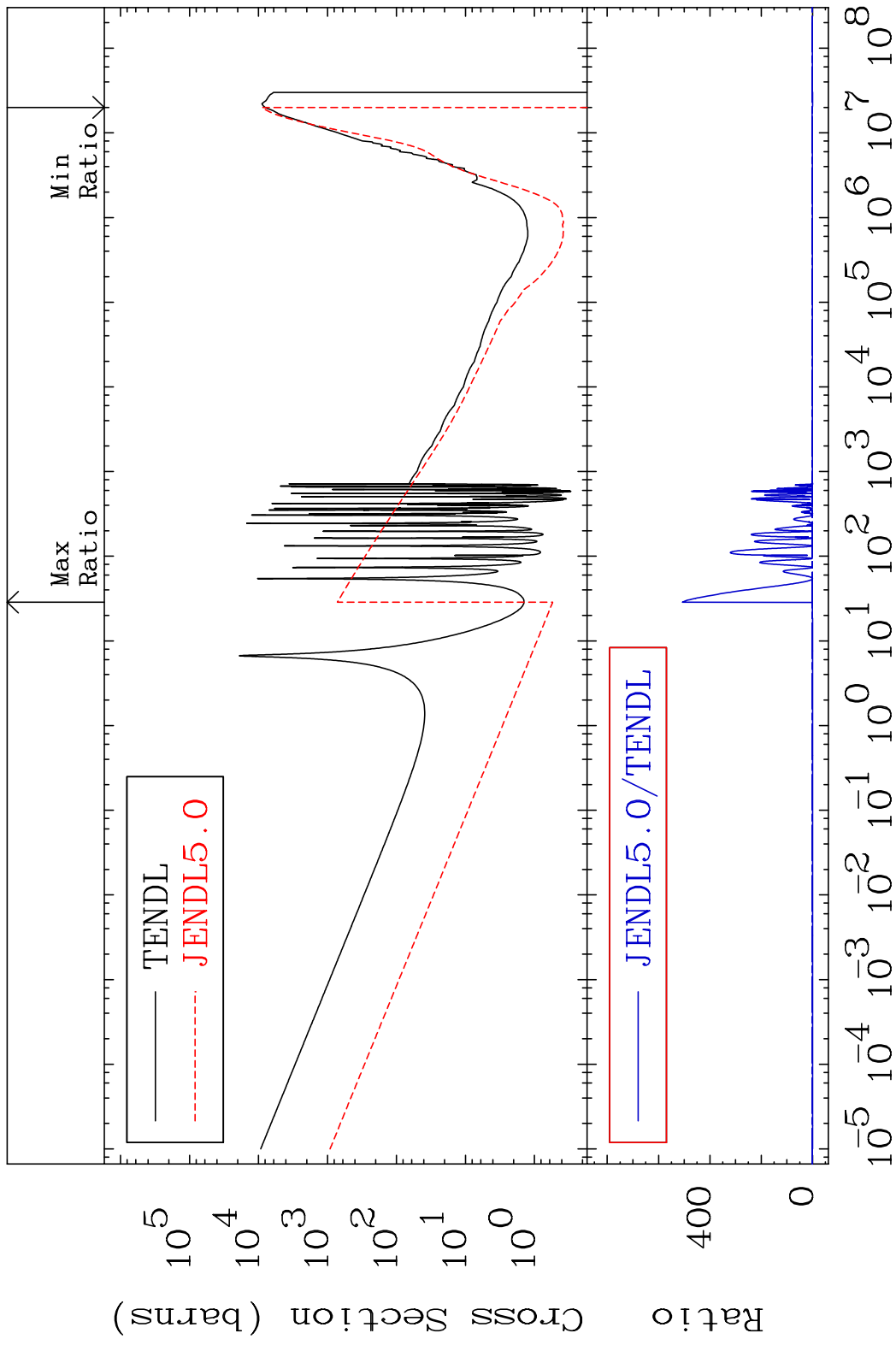
MAT 8316 Dpa total (eV-barns) 83-Bi-206
 Cross Section -99.99 To 9999.9 %



MAT 8316 Dpa inelastic (mt51-91) 83-Bi-206
 Cross Section -100.0 To 427.9 %



MAT 8316 Dpa disappearance (mt102 -120) 83-Bi-206
Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 83-Bi-206

