

Program Complot
(Version 2021-1)

by

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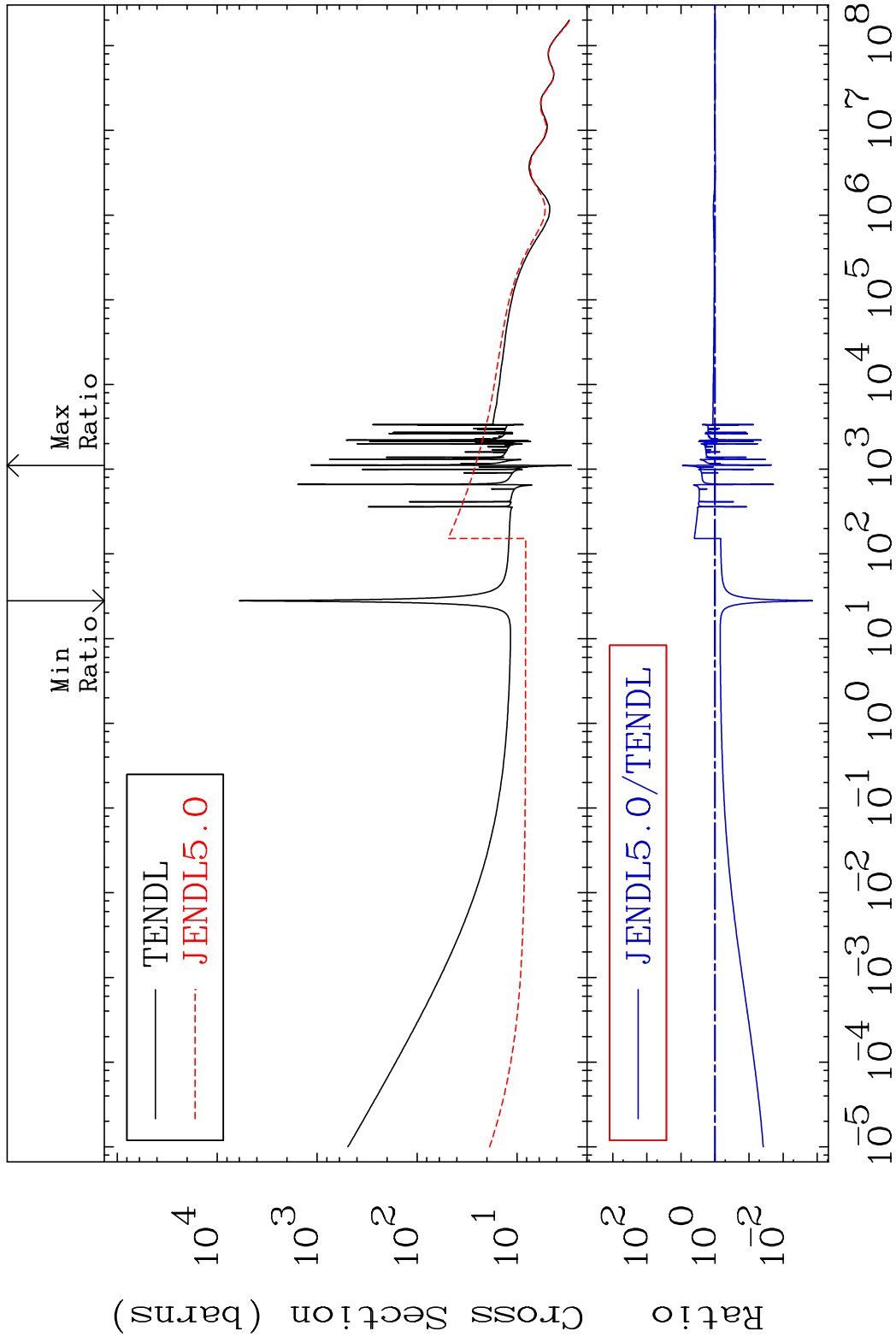
Press Mouse Button to Start

MAT 8319

Total

83-Bi-207

Cross Section -99.86 To 809.0 %



1

Incident Energy (eV)

83-Bi-207

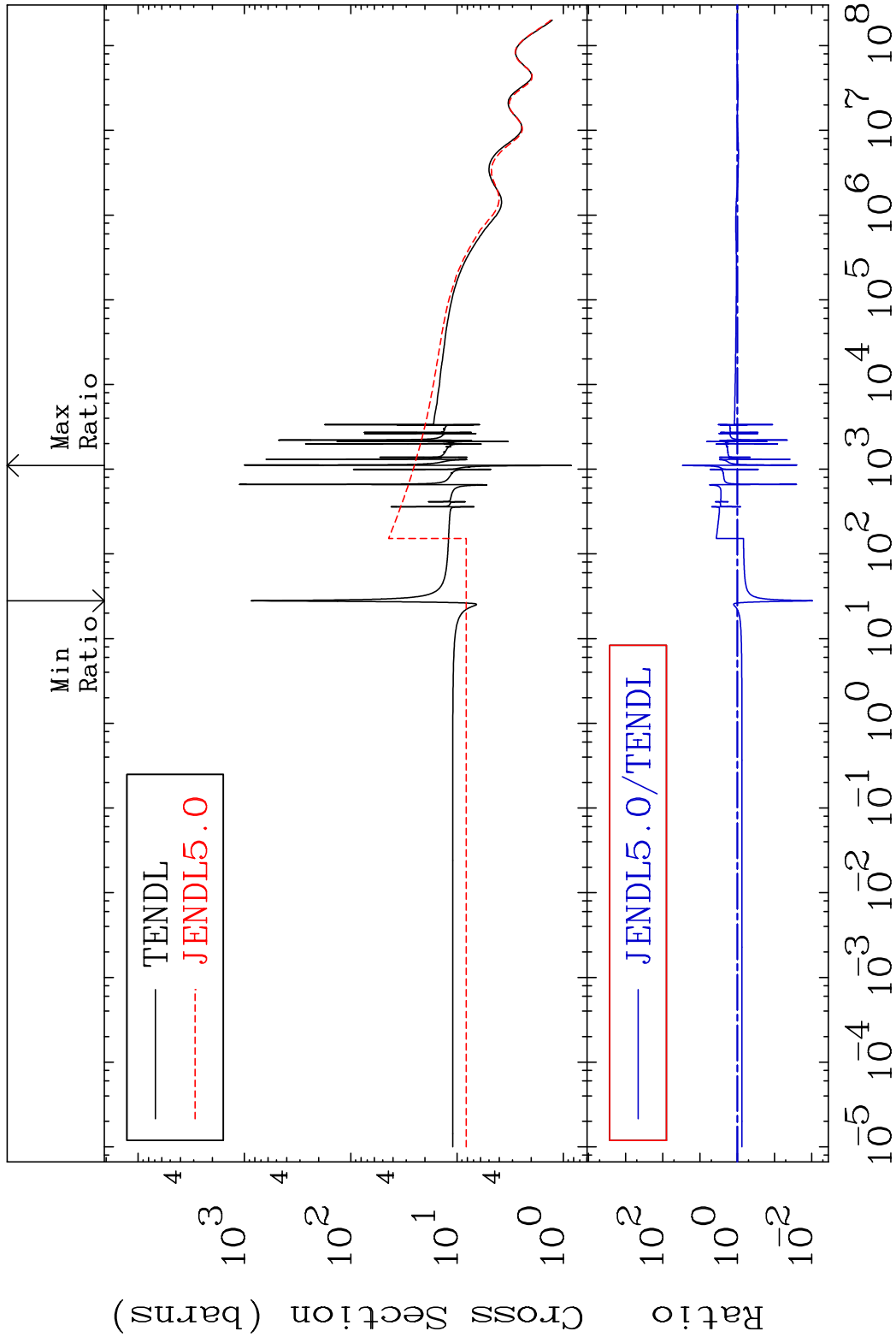
MAT 8319

Elastic

83-Bi-207

Cross Section

-99.05 To 2892. %

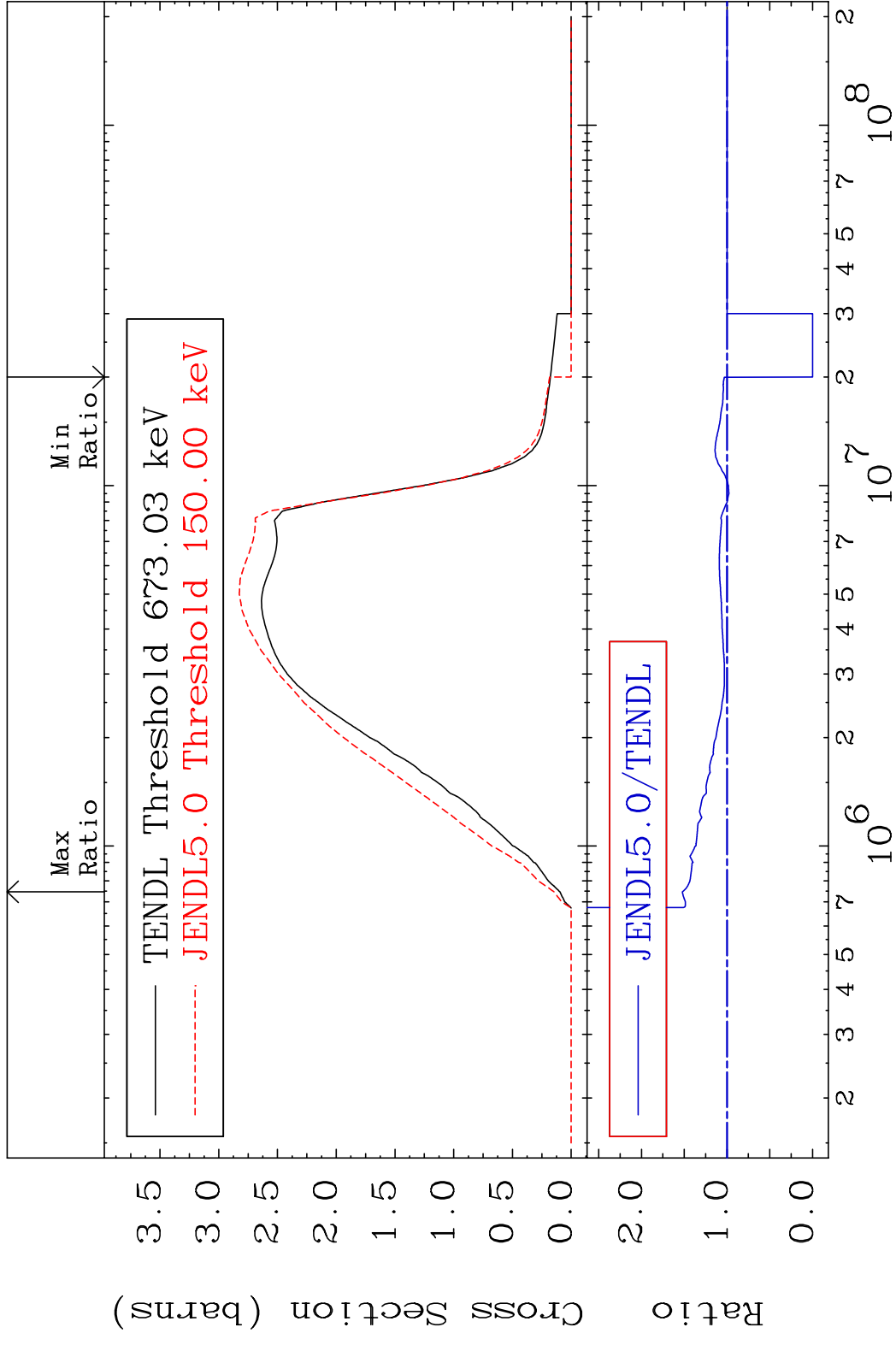


2

Incident Energy (eV)

83-Bi-207

MAT 8319 Inelastic 83-Bi-207
 Cross Section -100.0 To 52.22 %



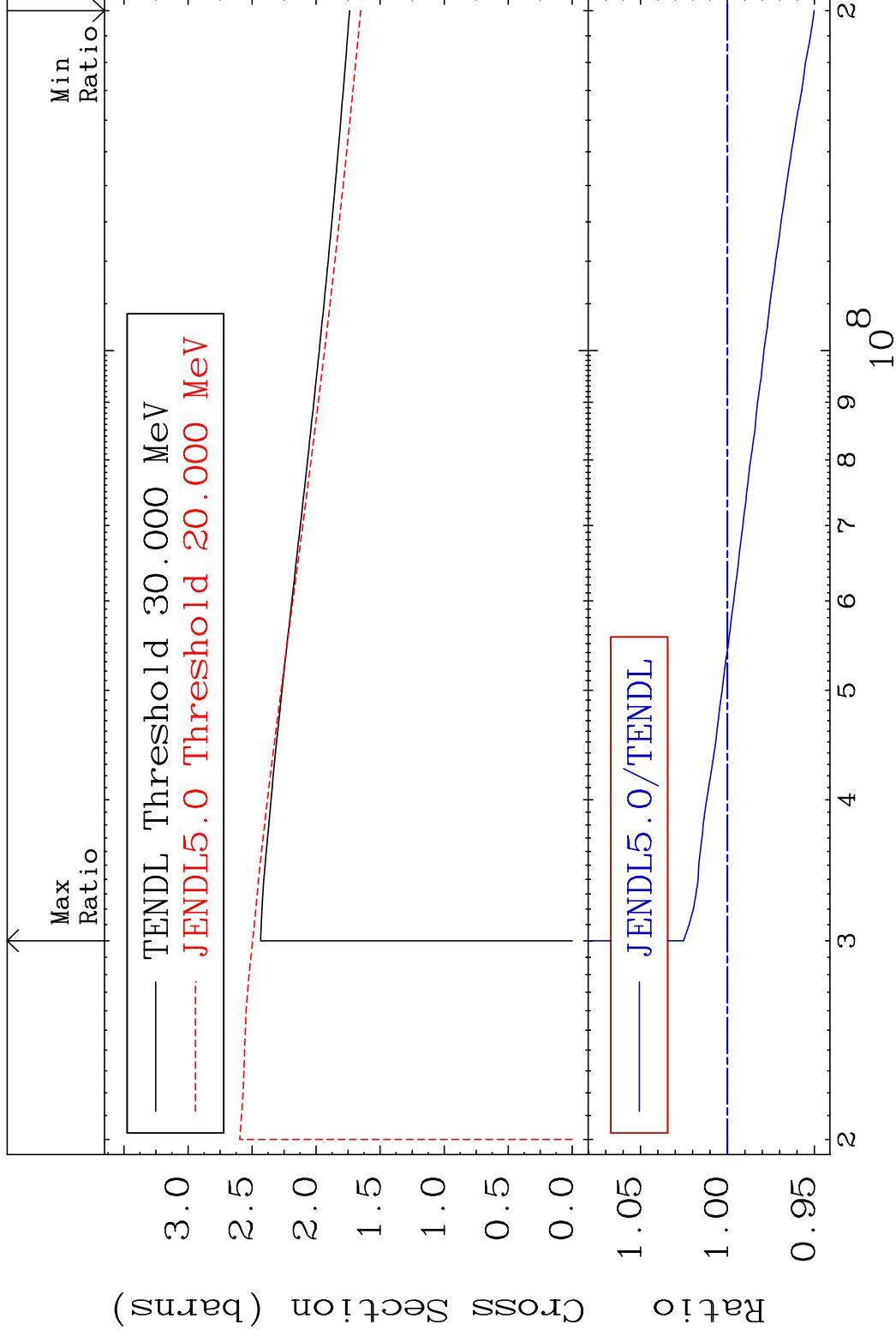
MAT 8319

(n, remainder)

83-Bi-207

Cross Section

-4.985 To 2.518 %



4

Incident Energy (eV)

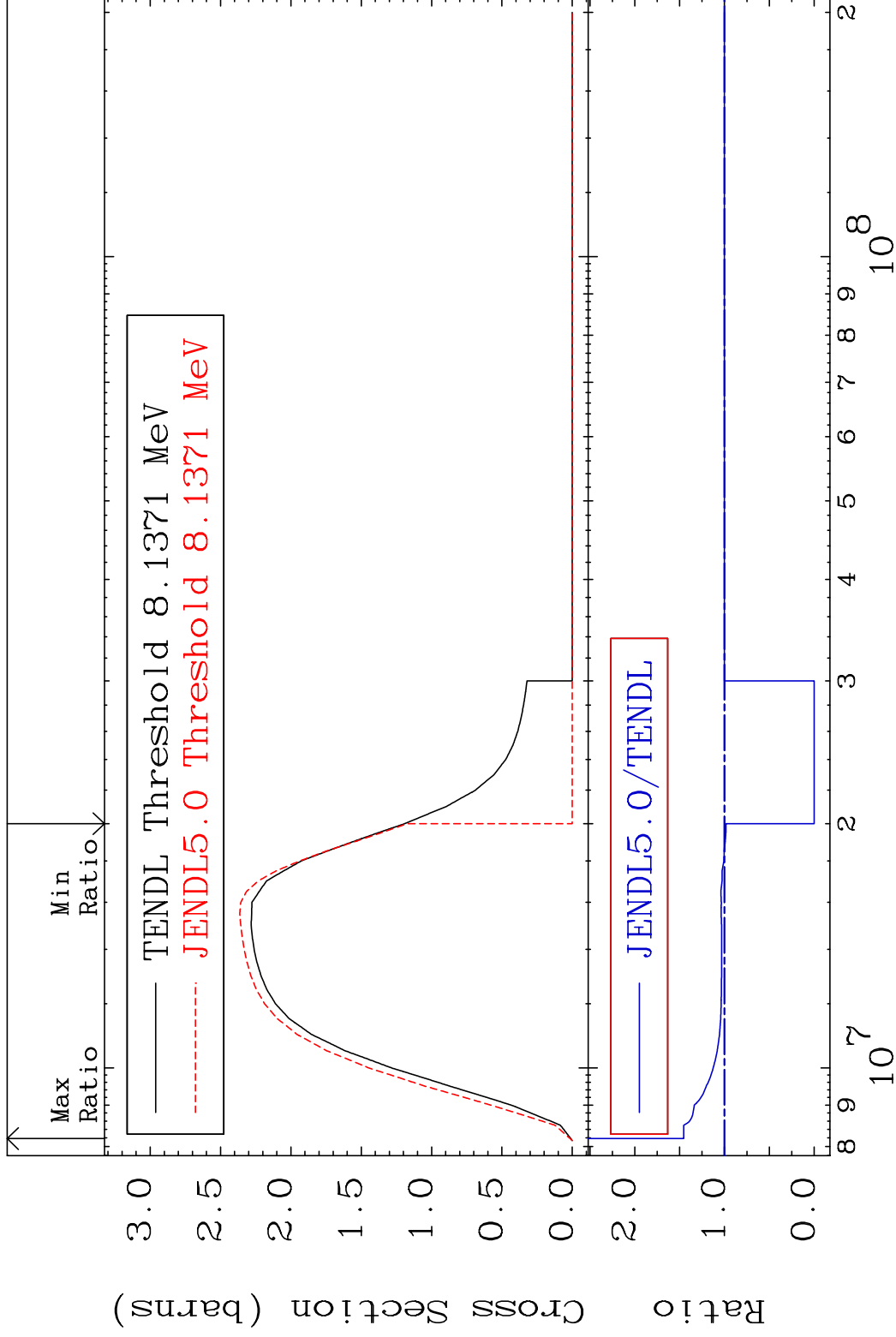
83-Bi-207

MAT 8319

(n,2n)

83-Bi-207

Cross Section -100.0 To 45.51 %



5

Incident Energy (eV)

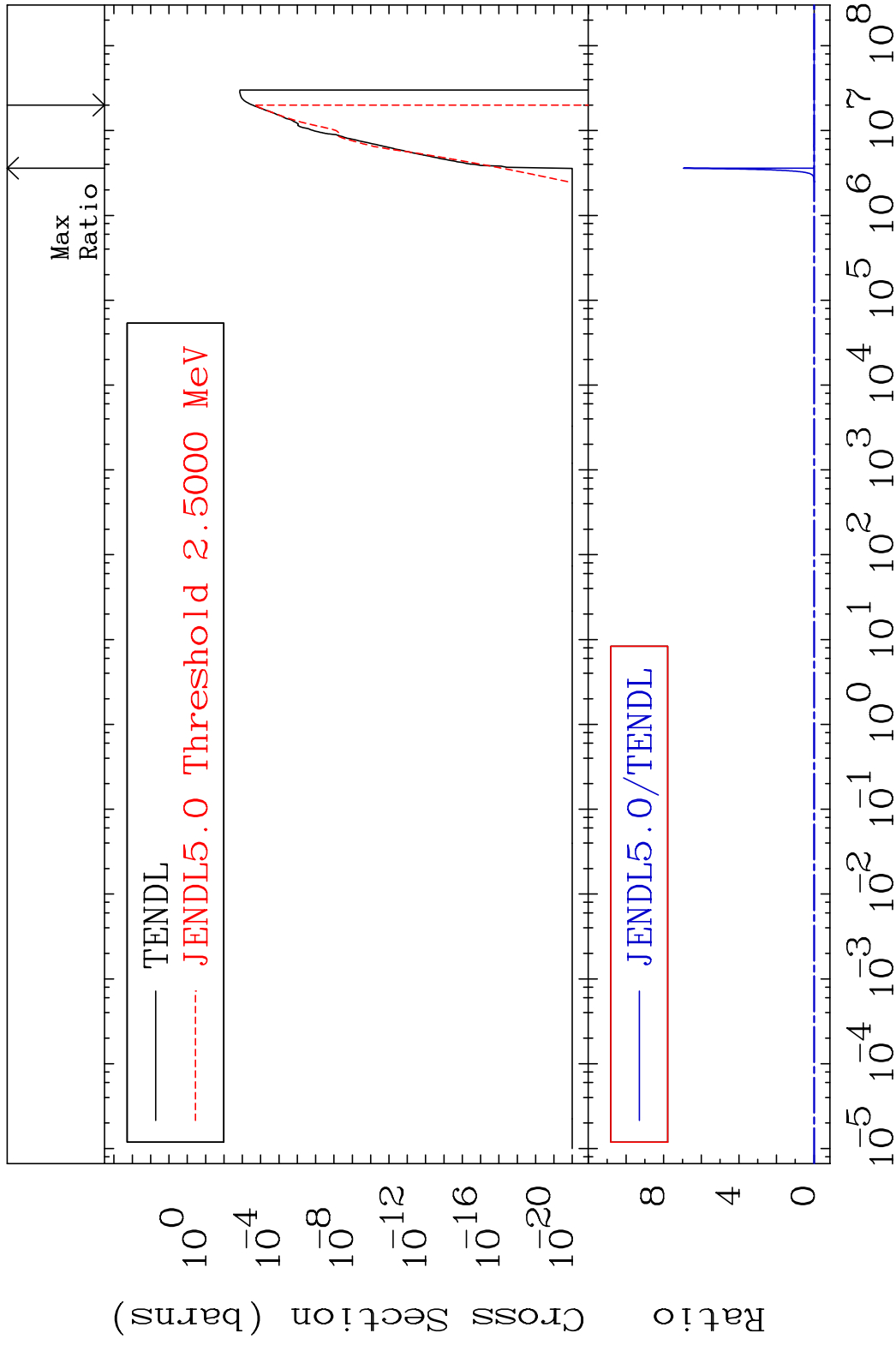
83-Bi-207

MAT 8319

(n, n') α

83-Bi-207

Cross Section -100.0 To 9999. %

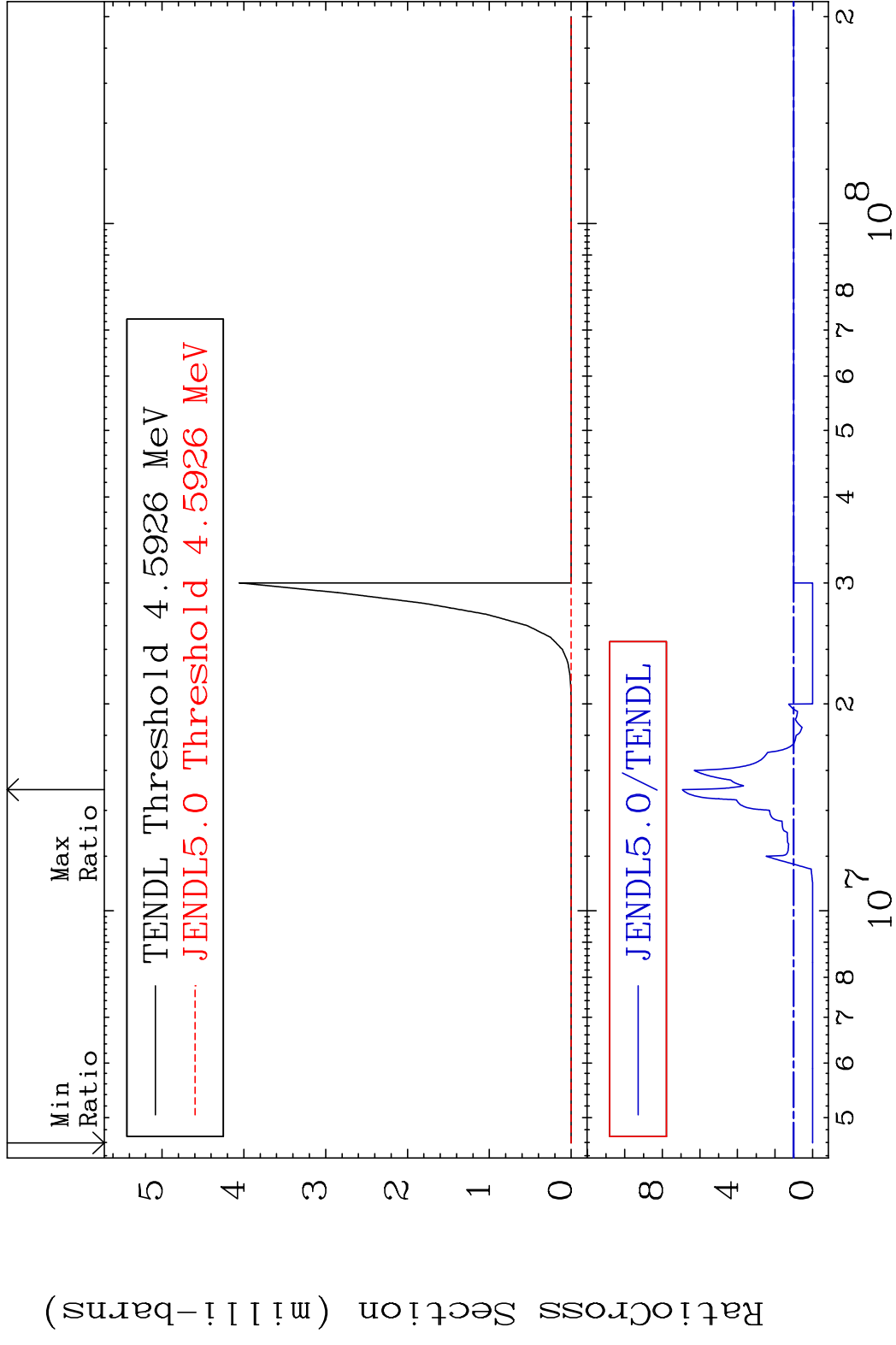


7

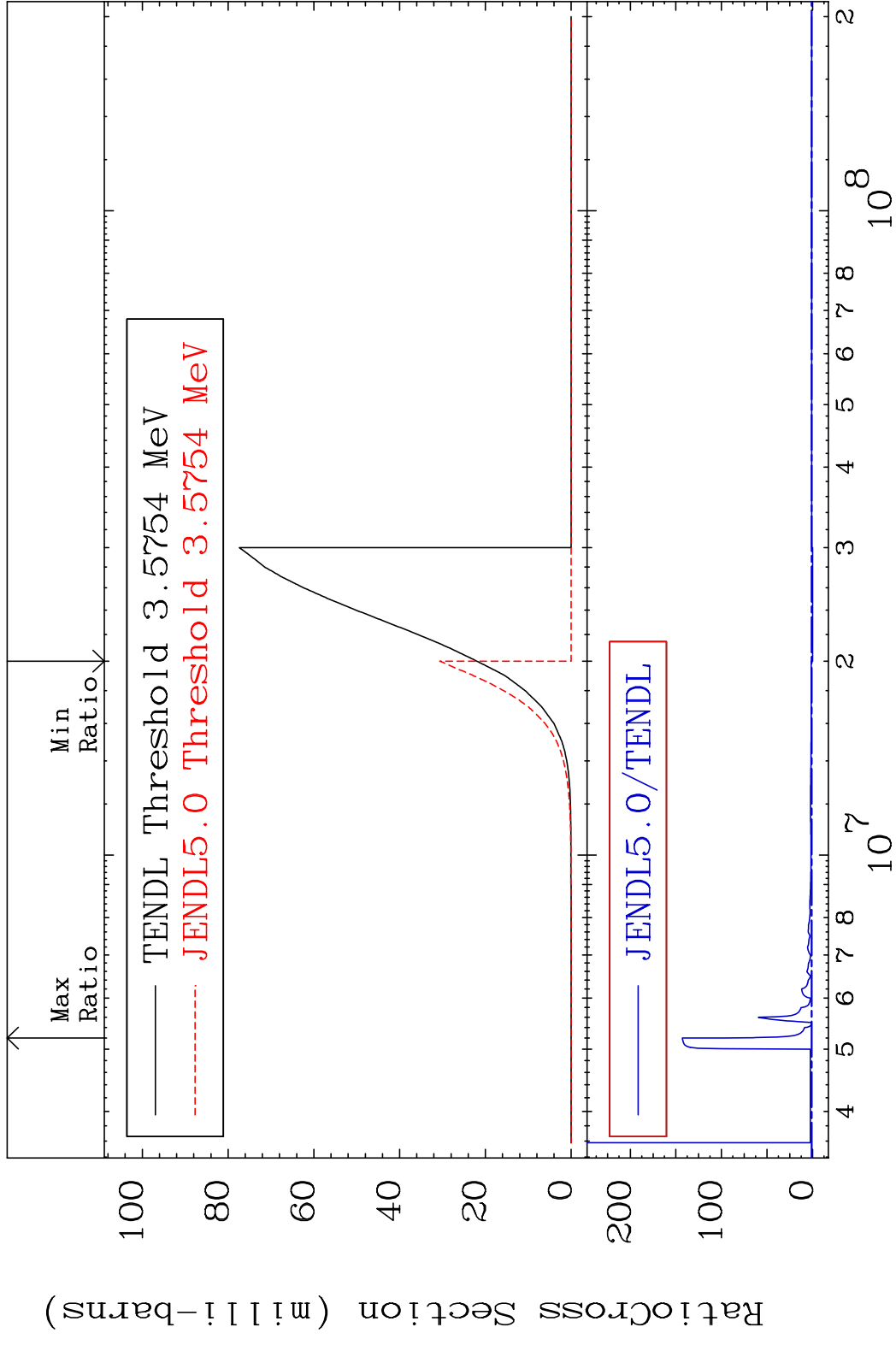
Incident Energy (eV)

83-Bi-207

MAT 8319 (n,2n) α 83-Bi-207
 Cross Section -100.0 To 593.4 %



MAT 8319 (n, n') p 83-Bi-207
 Cross Section -100.0 To 9999. %

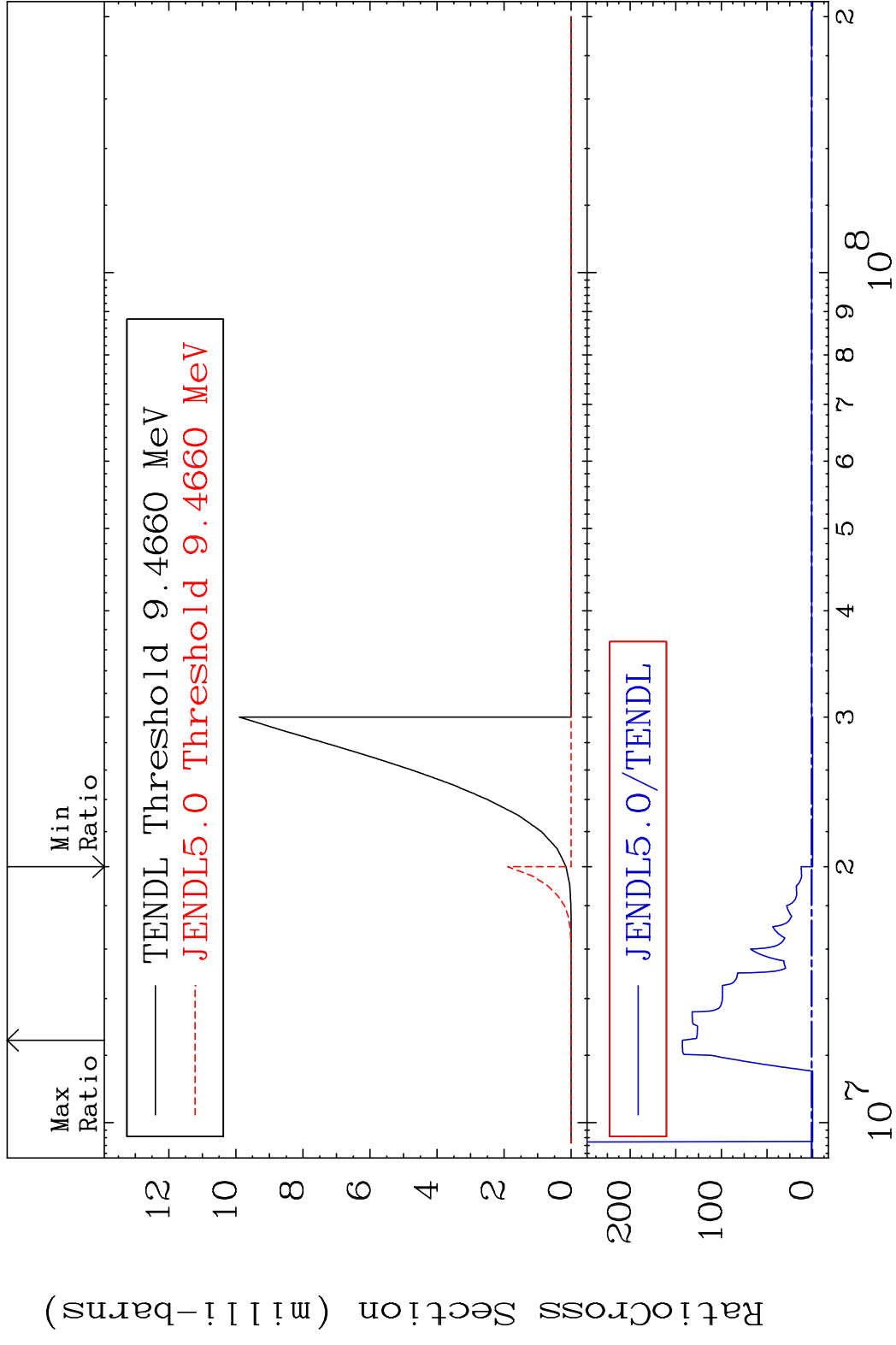


MAT 8319

(n, n') d

83-Bi-207

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

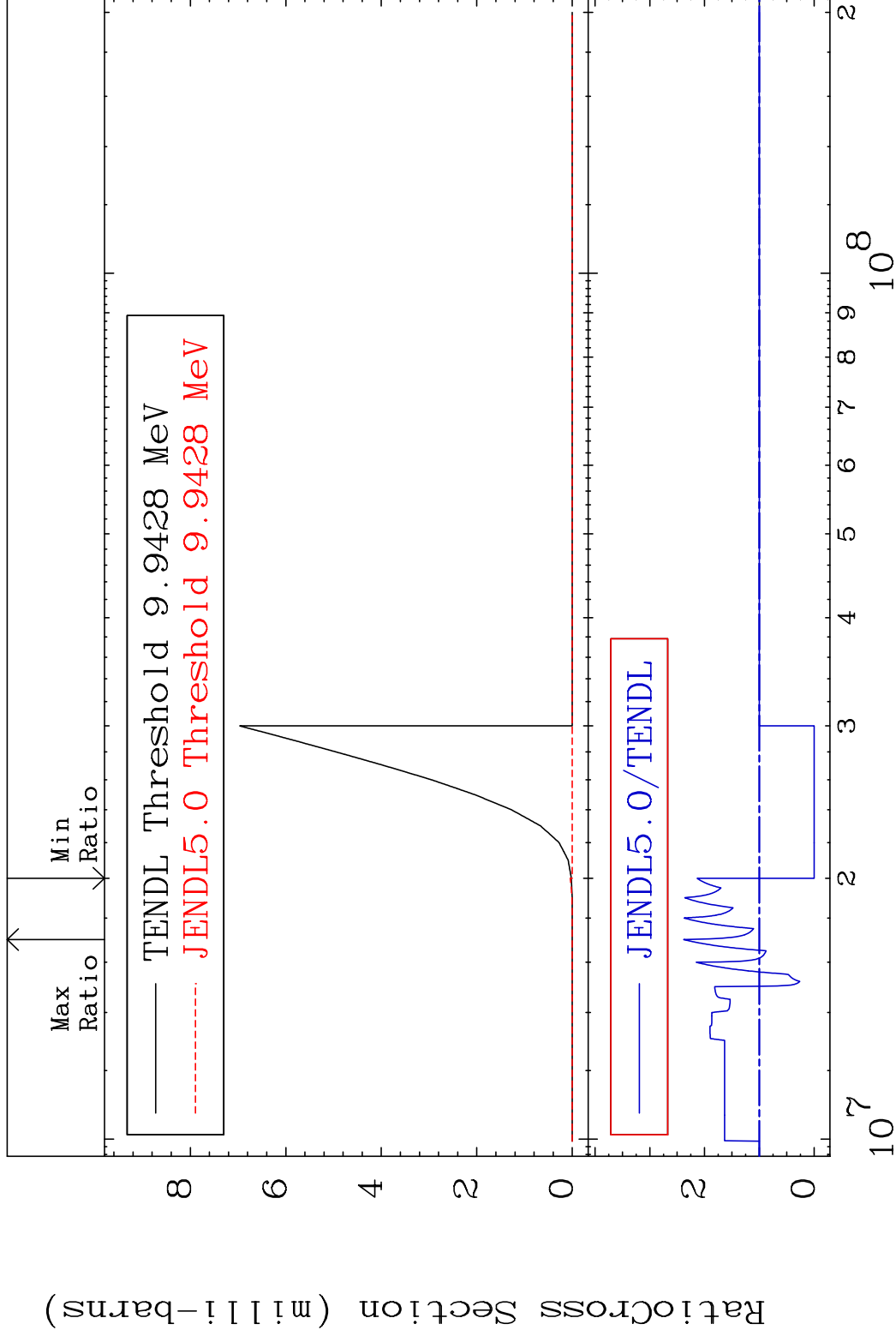
83-Bi-207

MAT 8319

(n, n') t

83-Bi-207

Cross Section -100.0 To 138.2 %

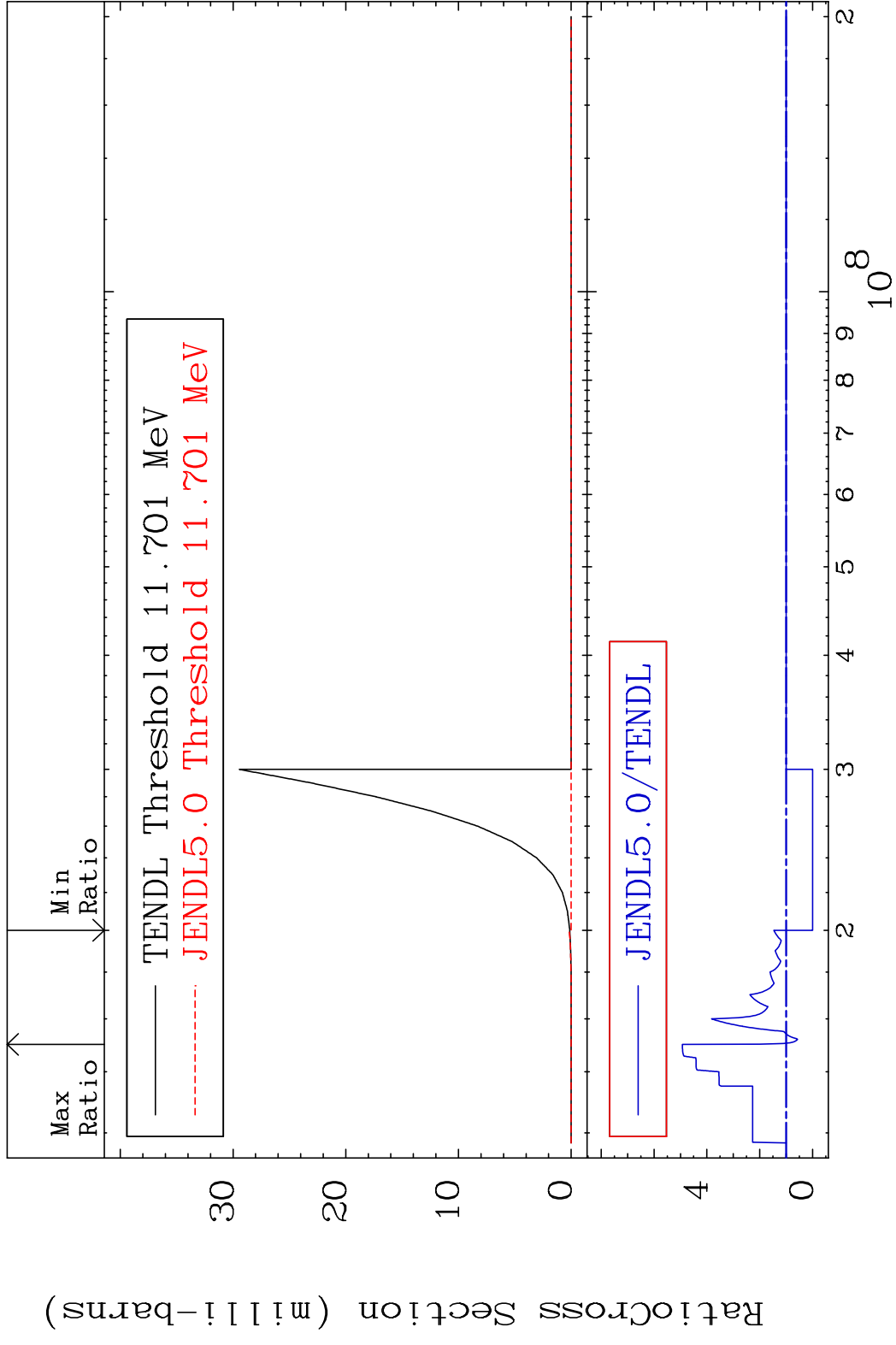


11

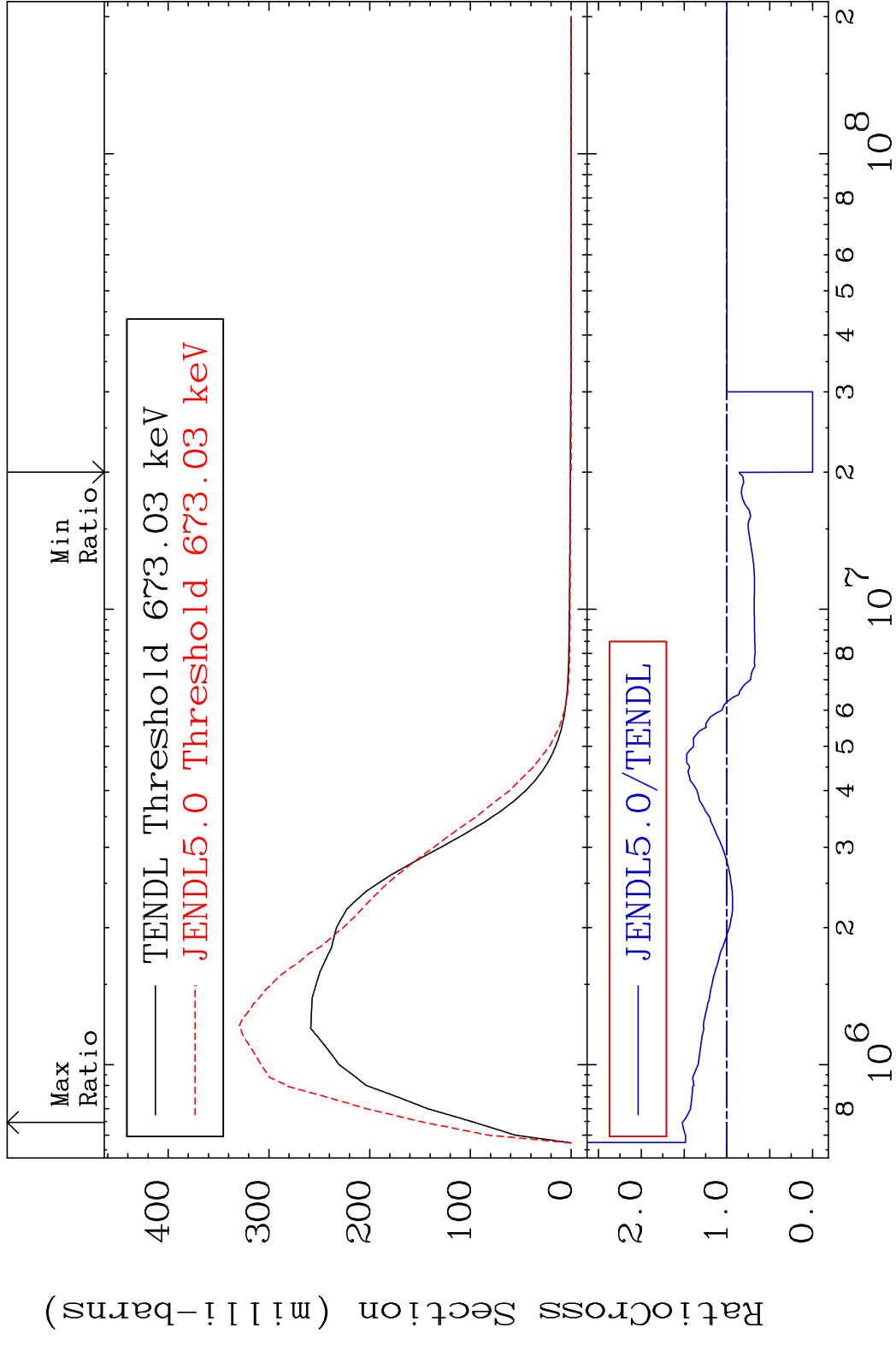
Incident Energy (eV)

83-Bi-207

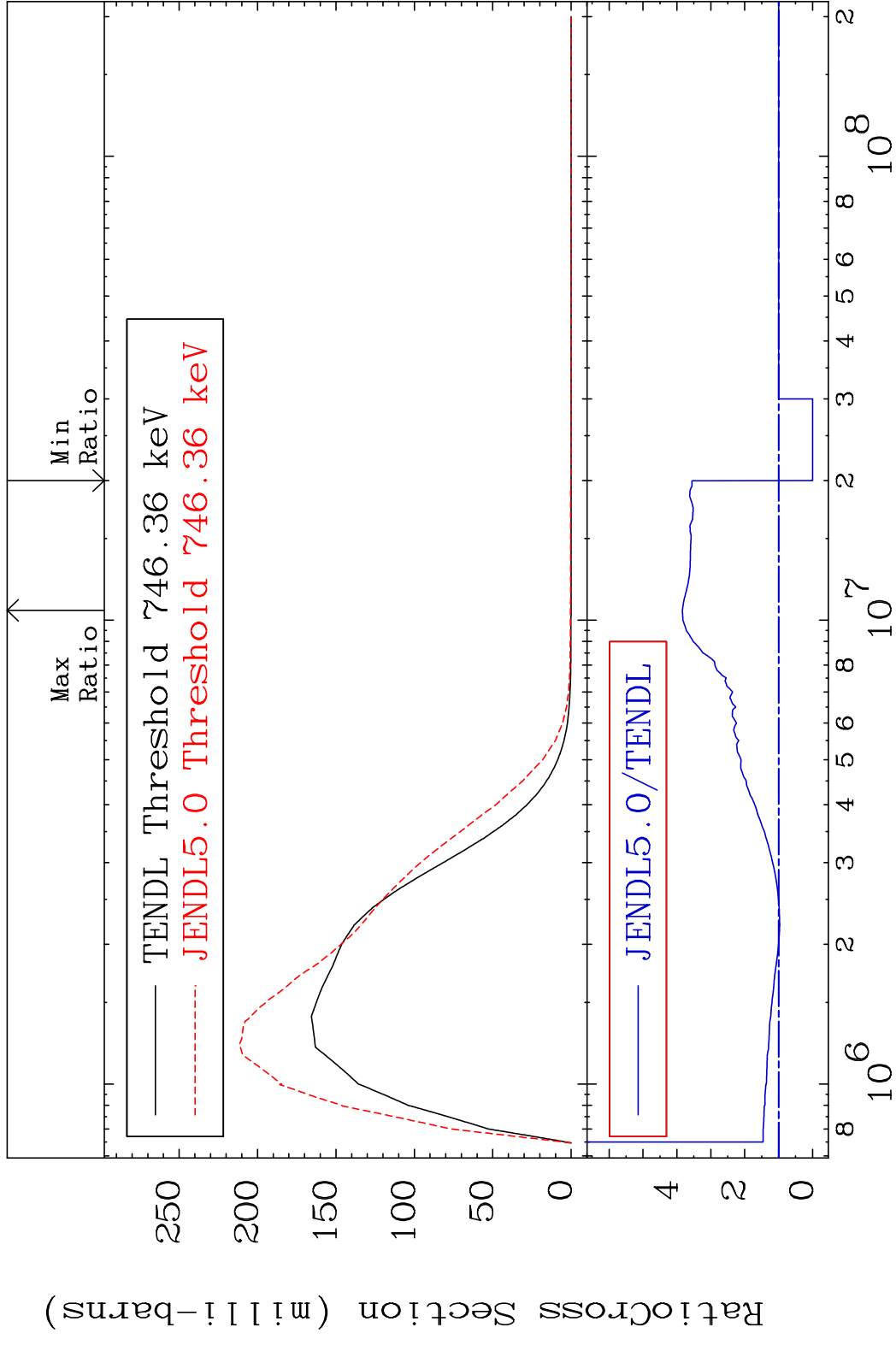
MAT 8319 (n,2n) p 83-Bi-207
 Cross Section -100.0 To 392.9 %



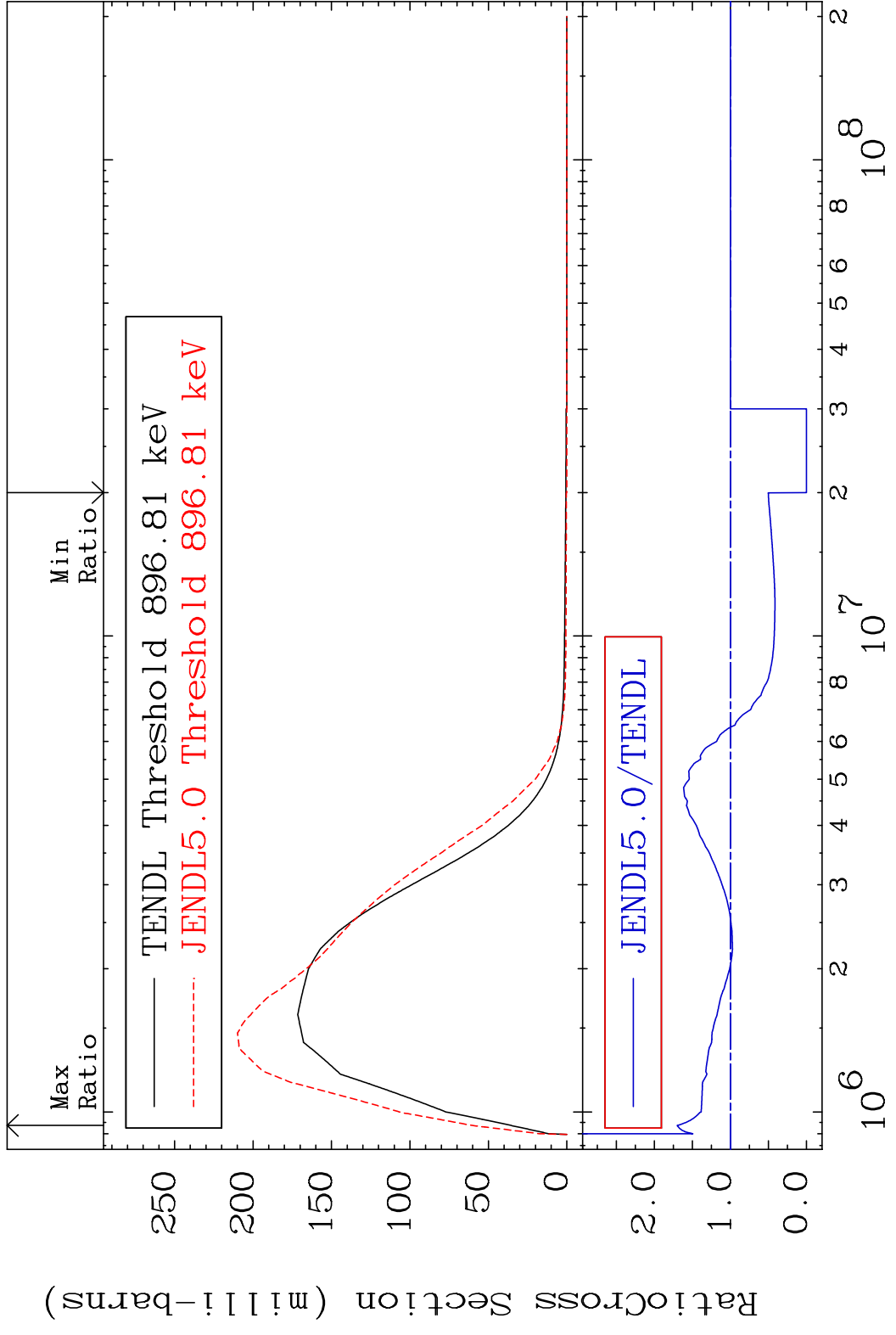
MAT 8319 MT= 51 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 52.09 %



MAT 8319 MT= 52 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 284.0 %

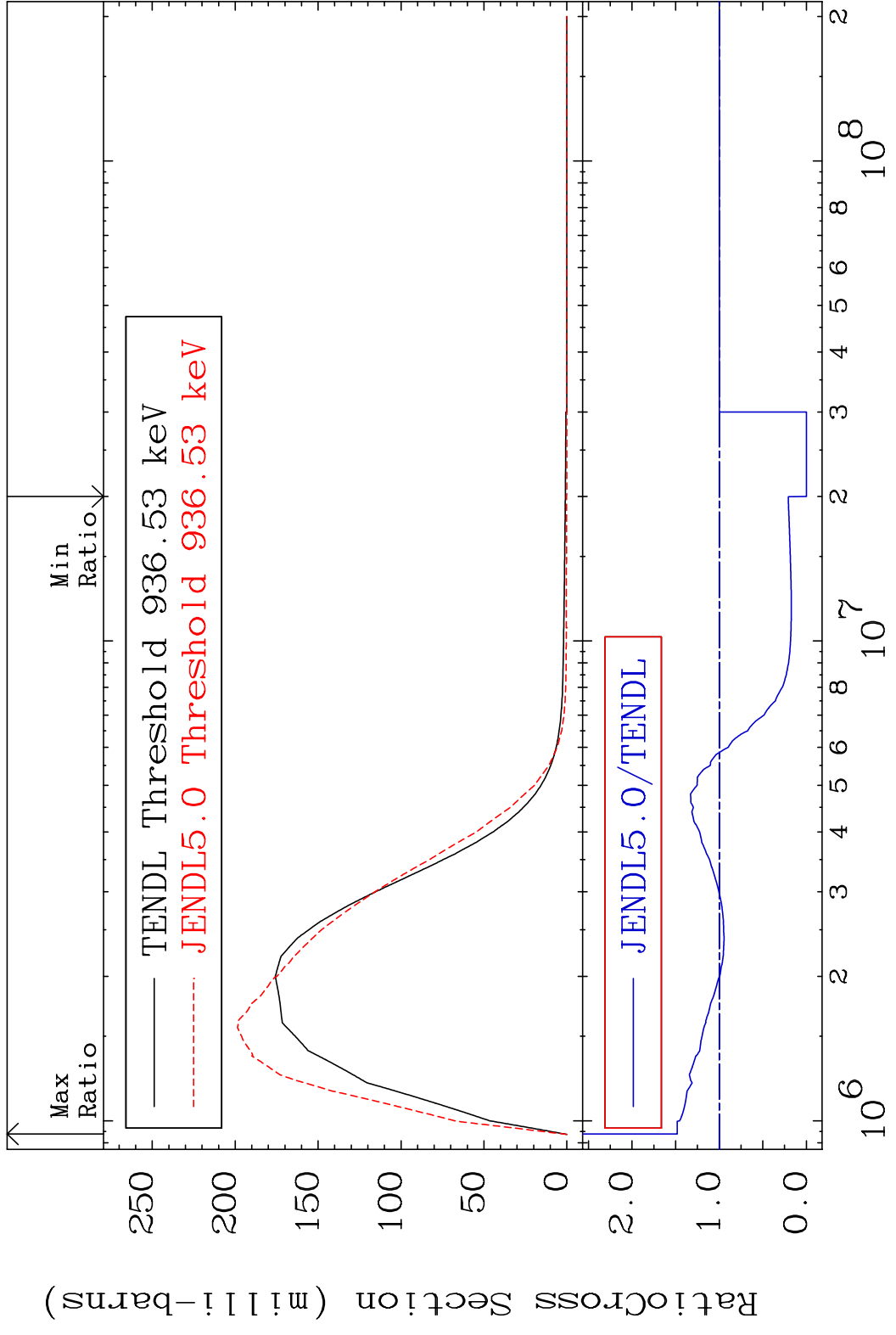


MAT 8319 MT= 53 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 69.97 %



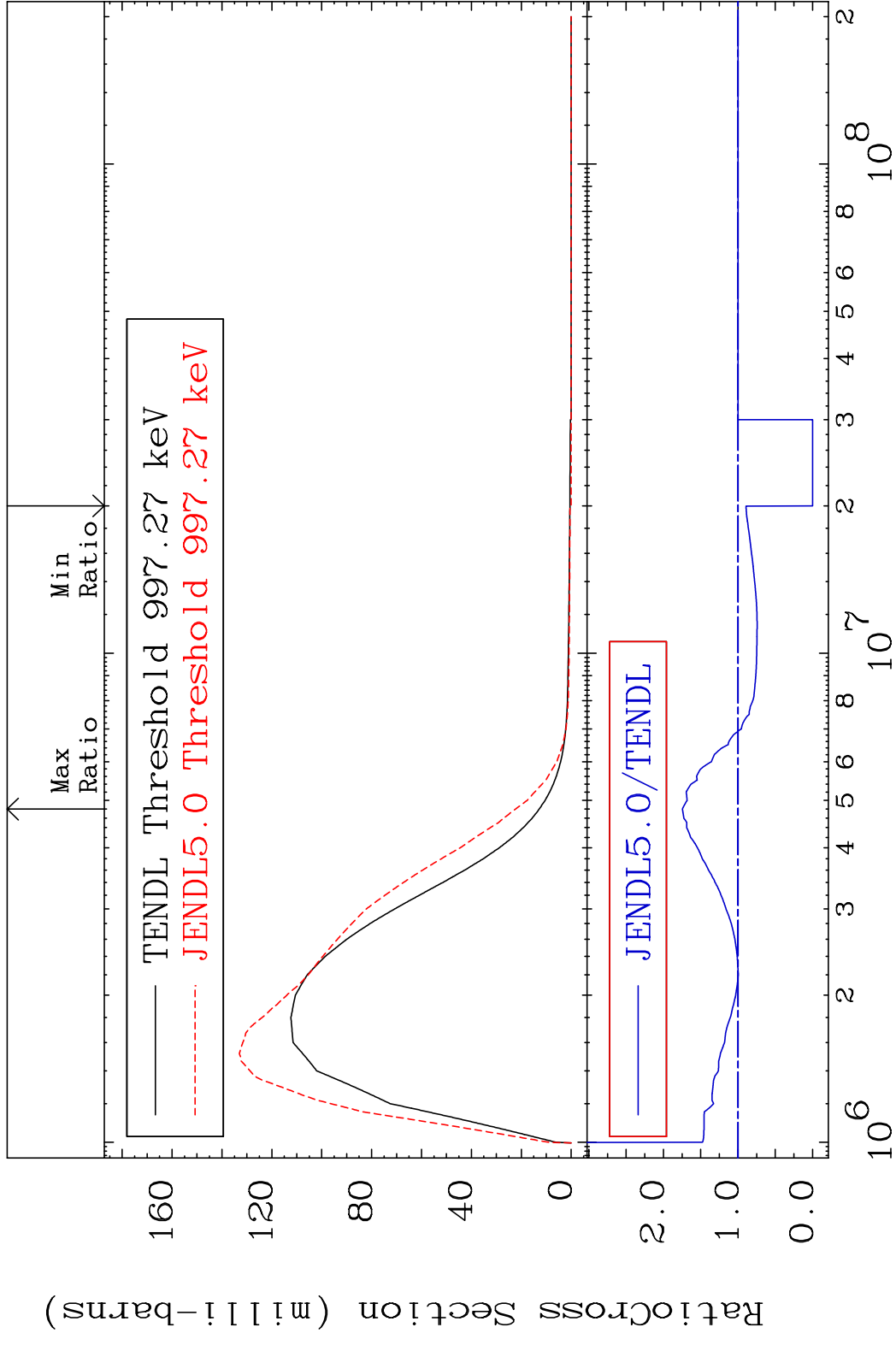
15 Incident Energy (eV) 83-Bi-207

MAT 8319 MT= 54 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 48.22 %



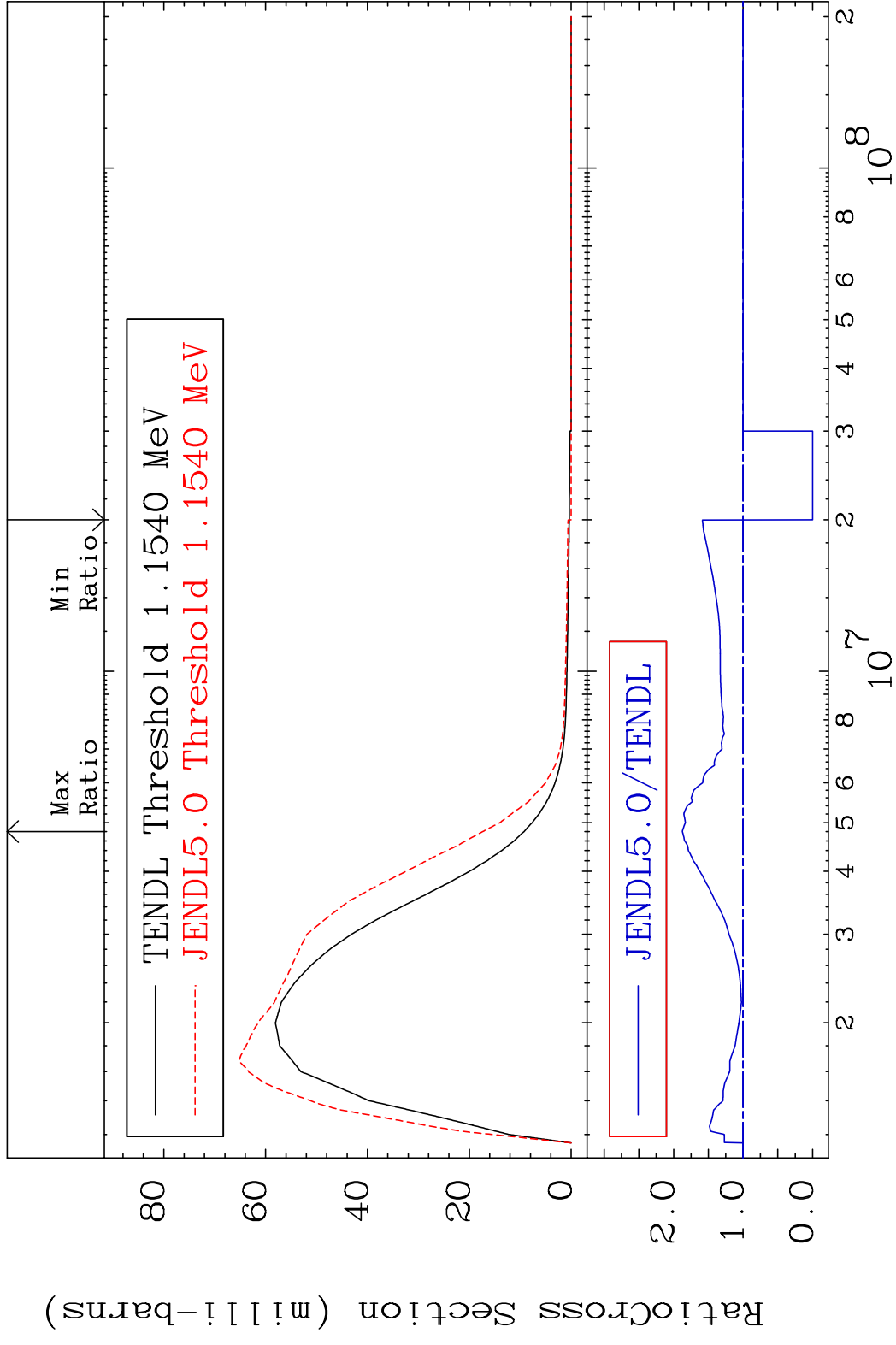
16 Incident Energy (eV) 83-Bi-207

MAT 8319 MT= 55 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 74.62 %

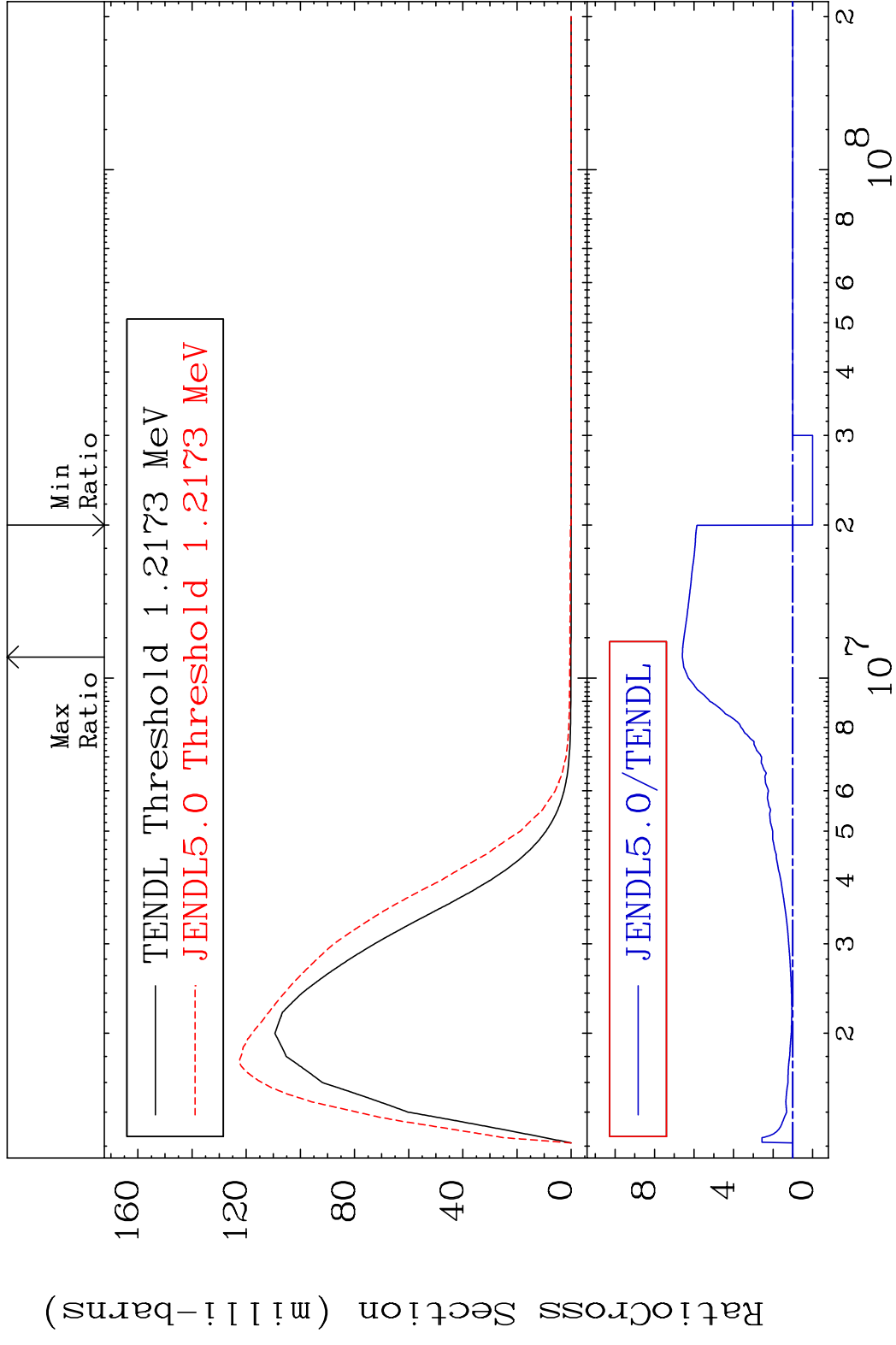


17 Incident Energy (eV) 83-Bi-207

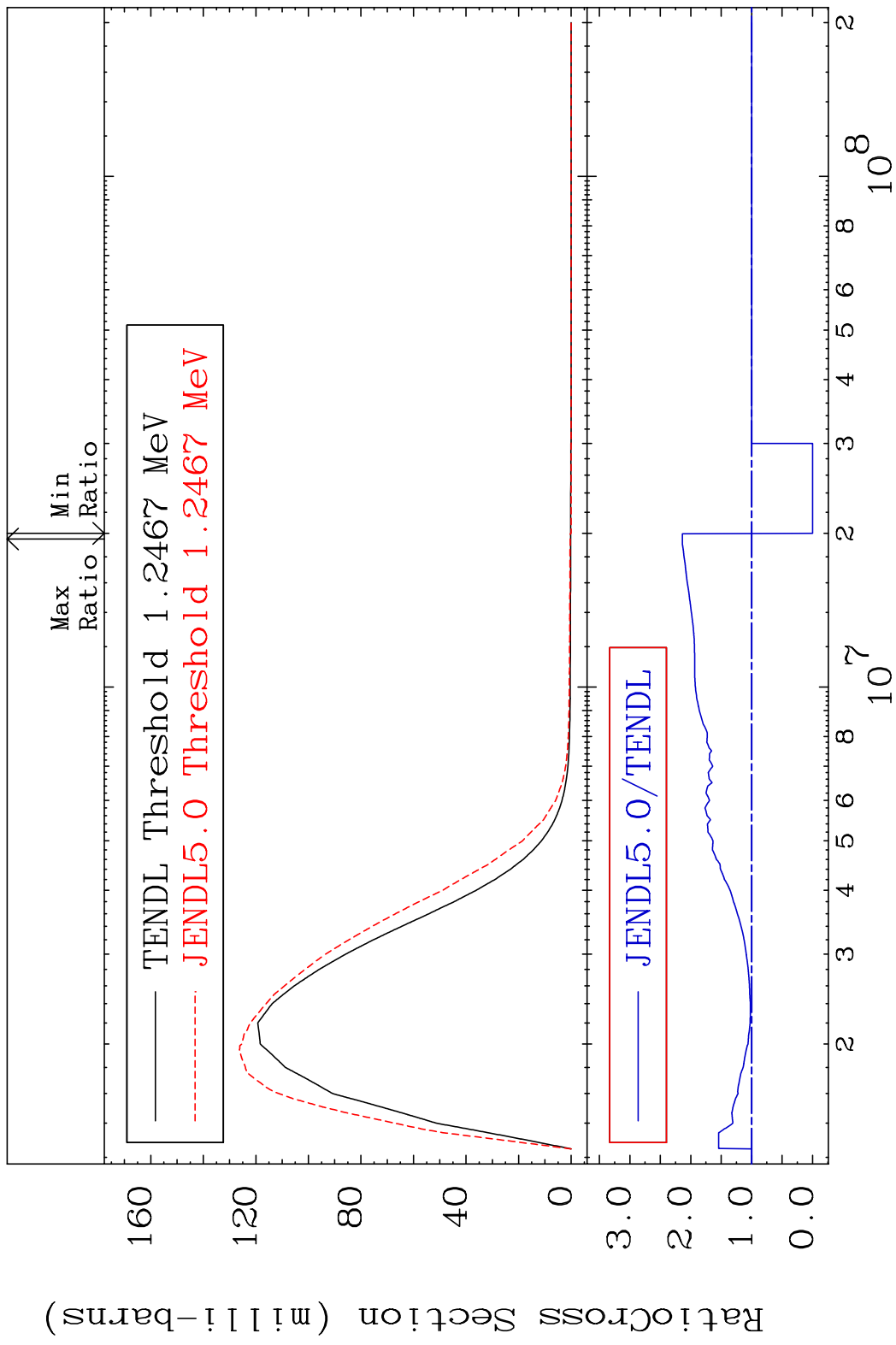
MAT 8319 MT= 56 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 87.44 %



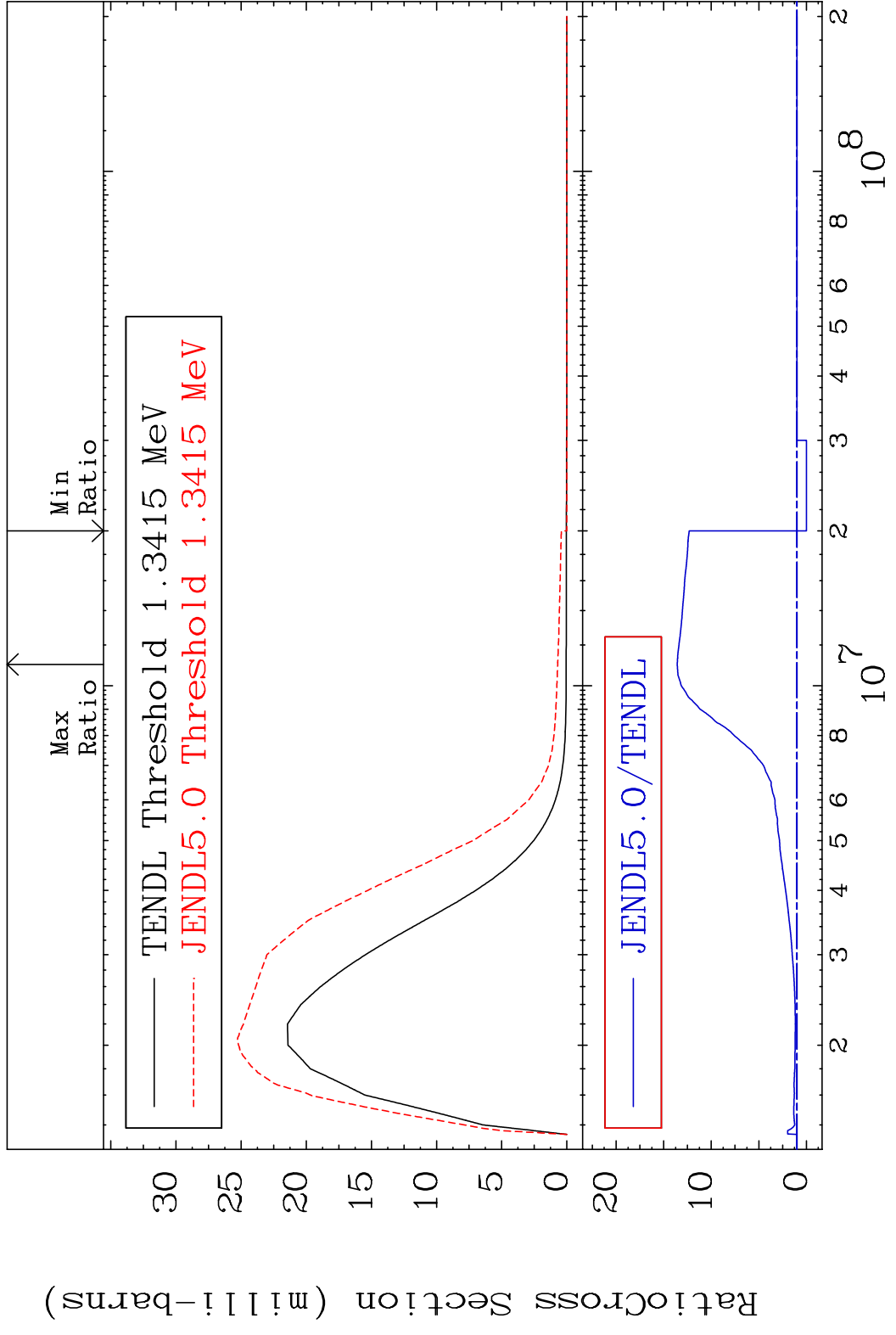
MAT 8319 MT= 57 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 559.1 %



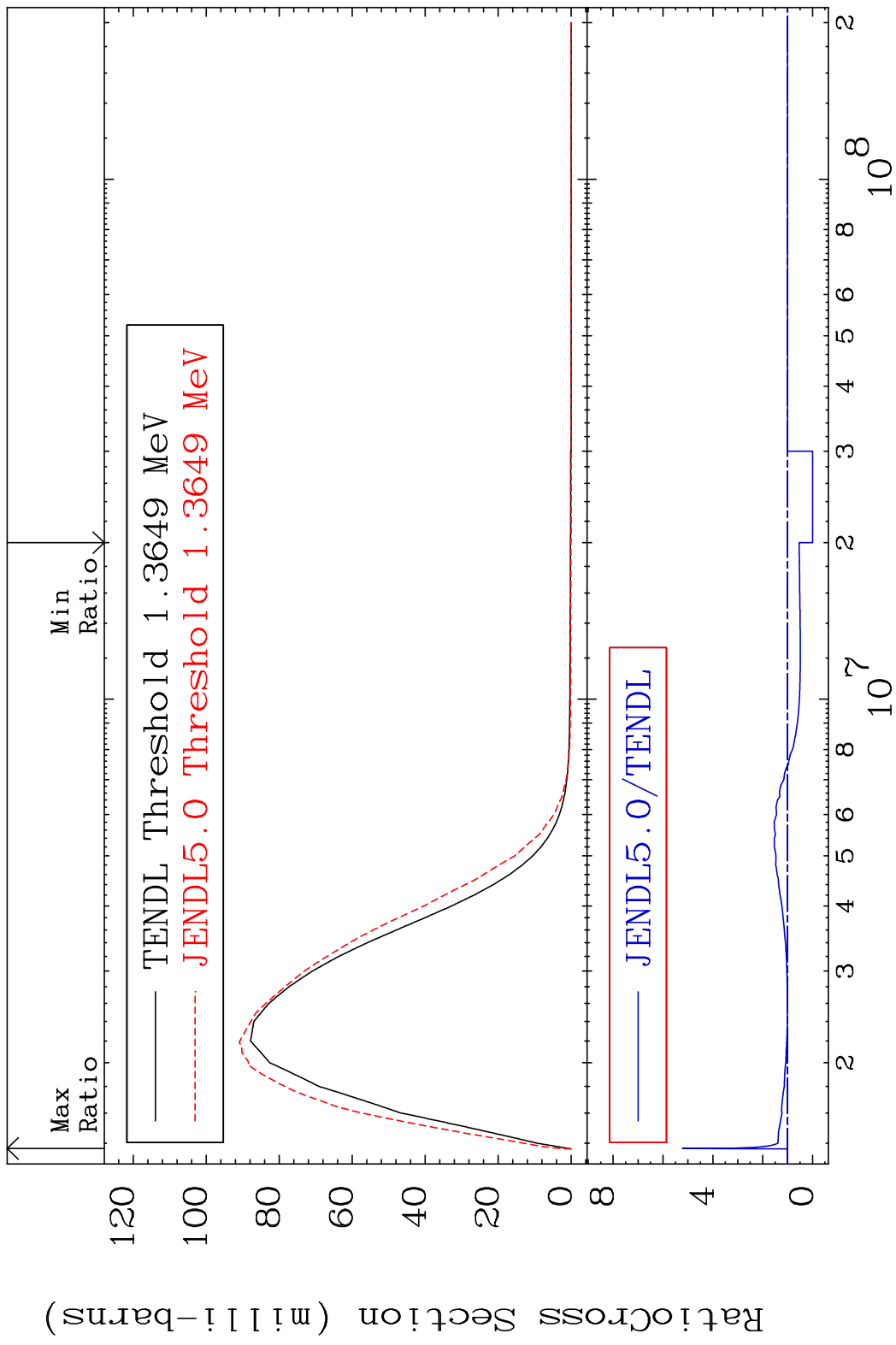
MAT 8319 MT= 58 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 113.8 %



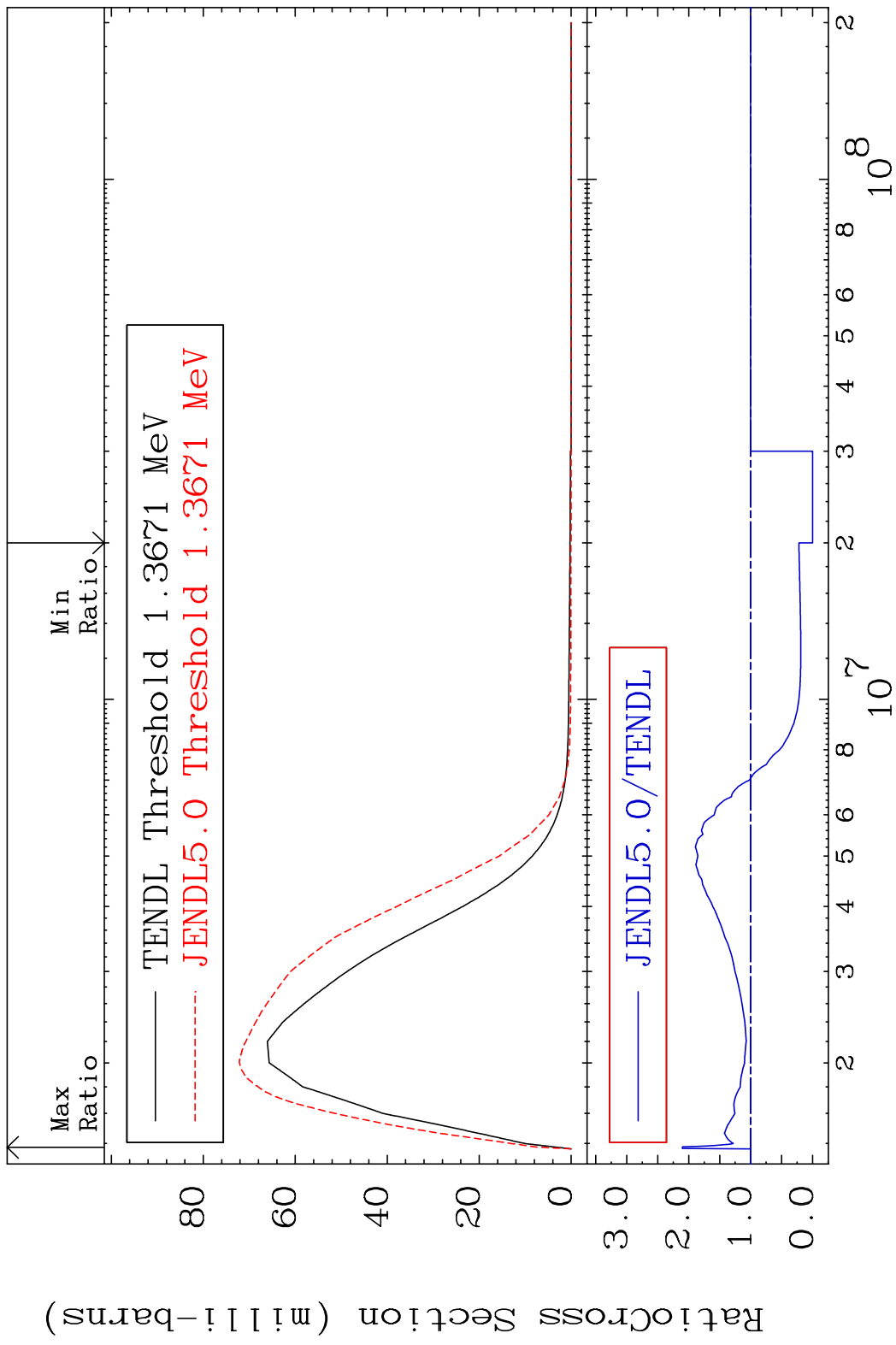
MAT 8319 MT= 59 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 1258. %



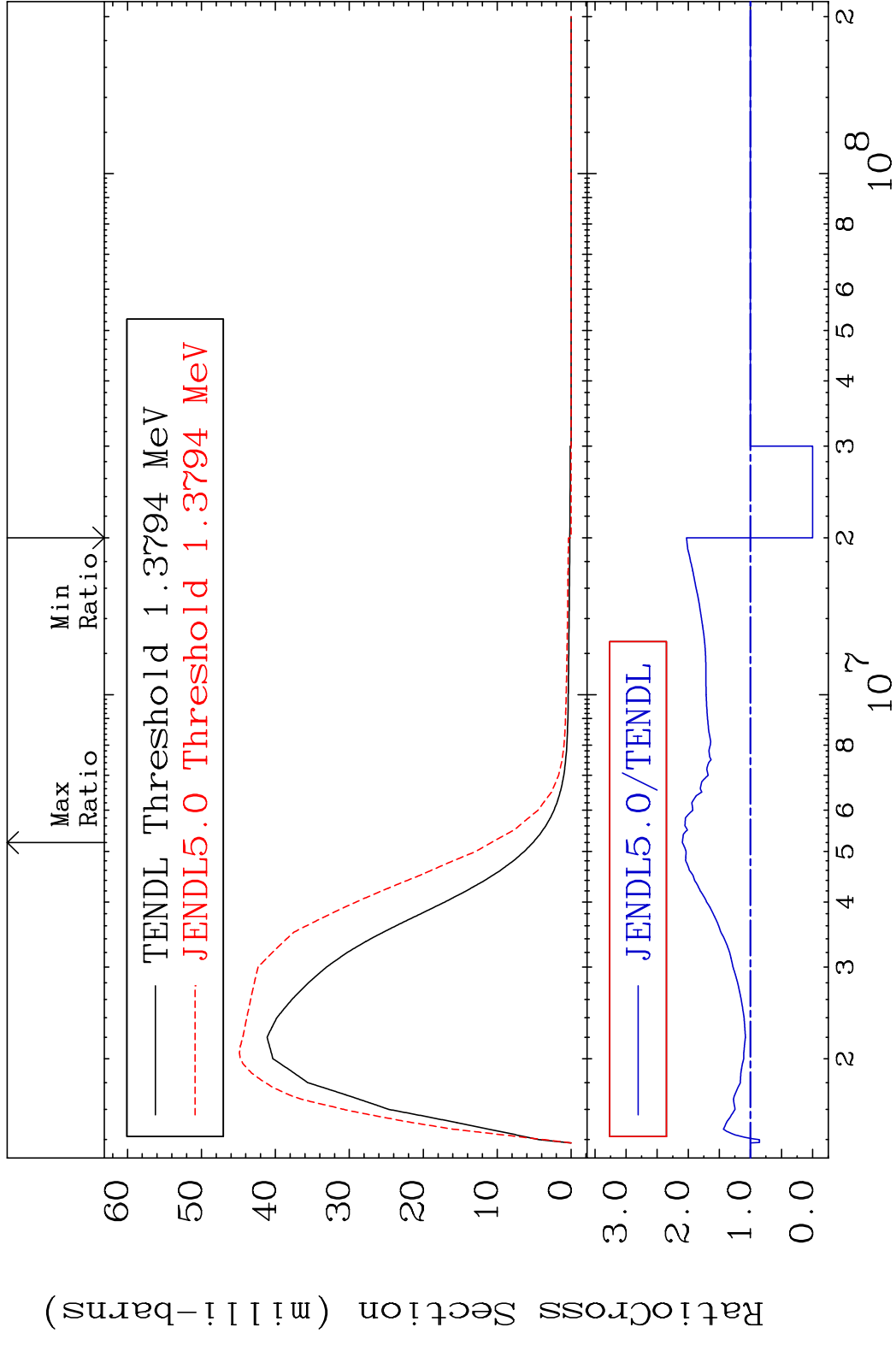
MAT 8319 MT= 60 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 422.3 %



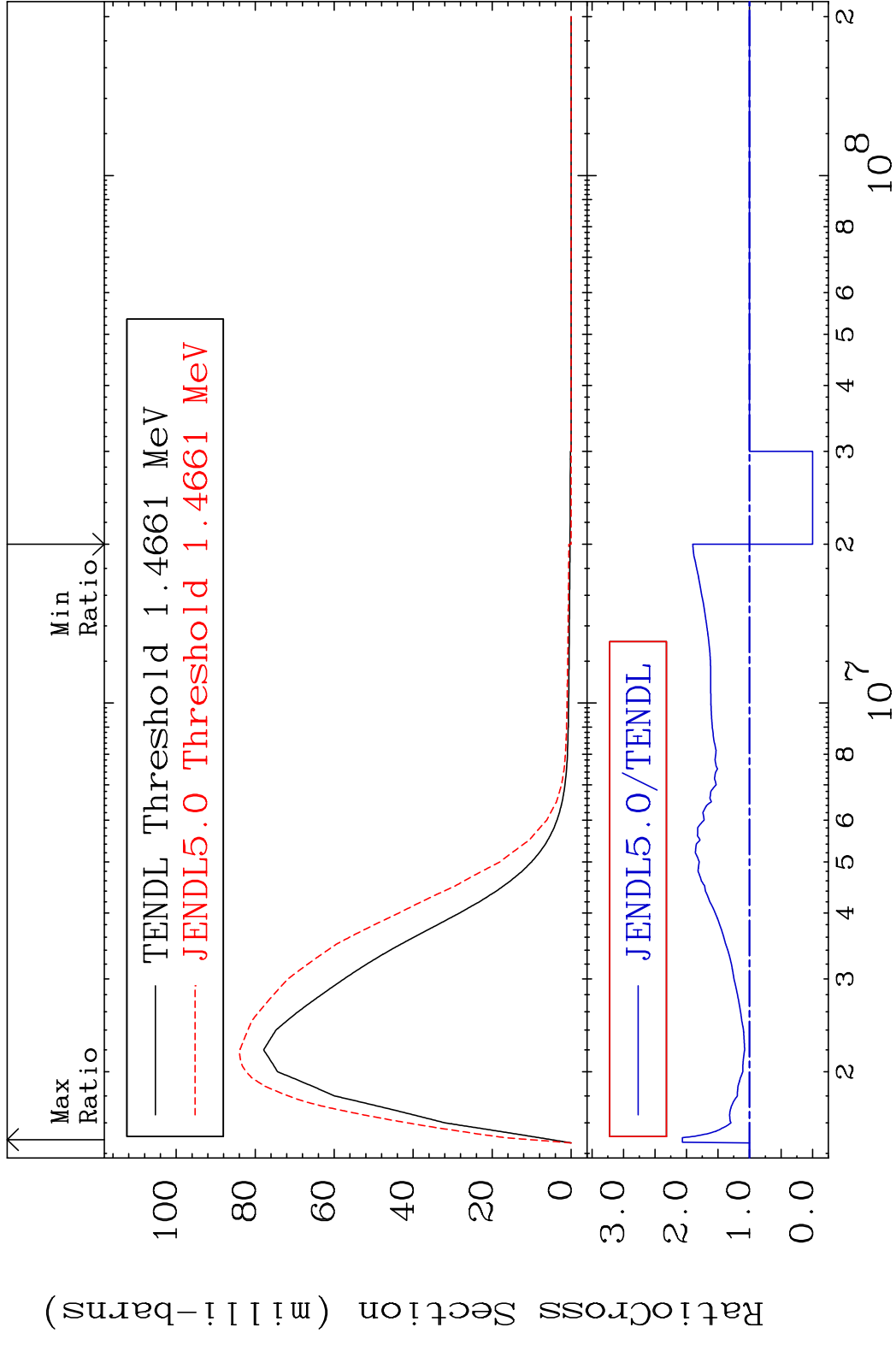
MAT 8319 MT= 61 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 110.3 %



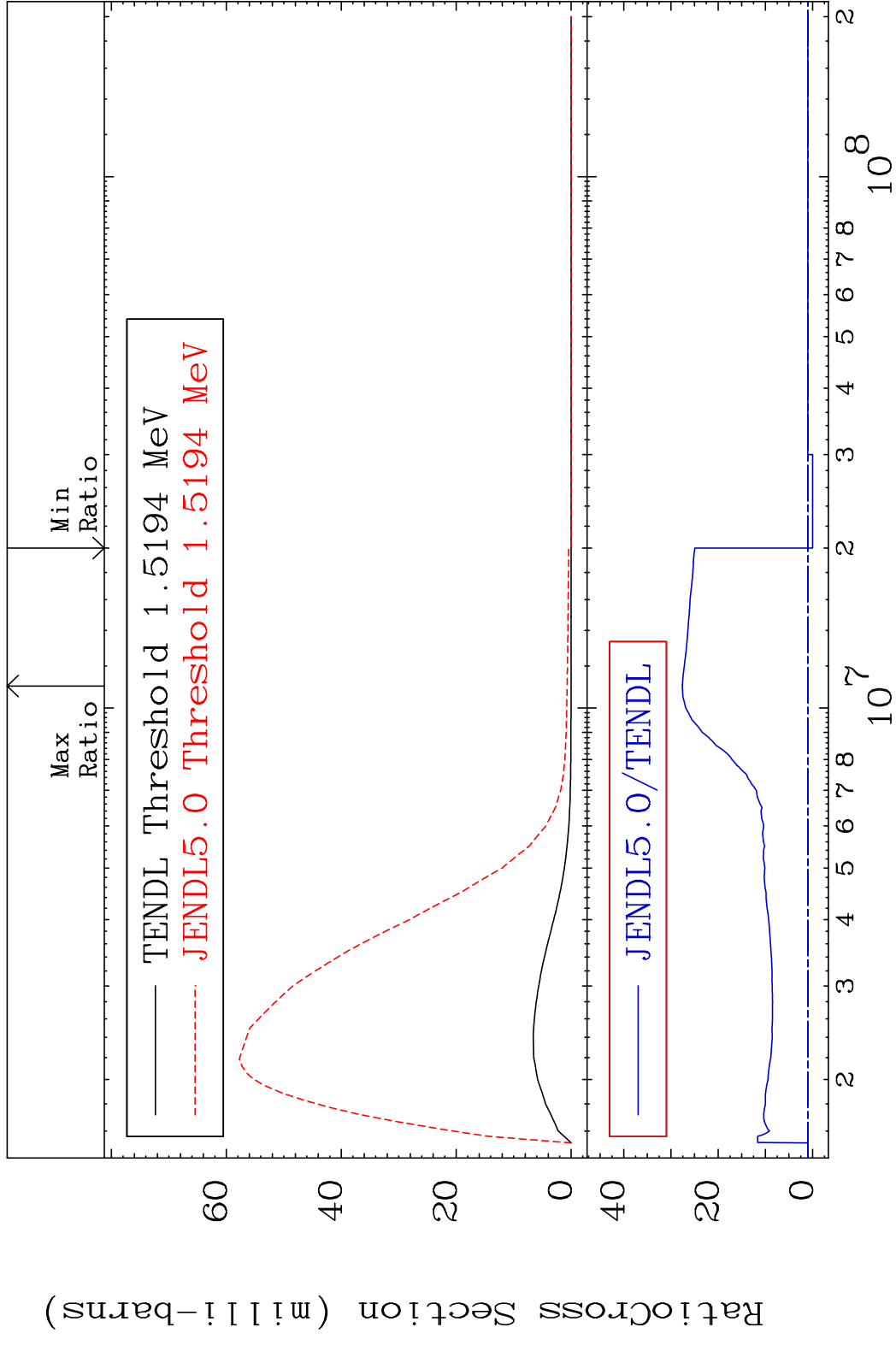
MAT 8319 MT= 62 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 109.5 %



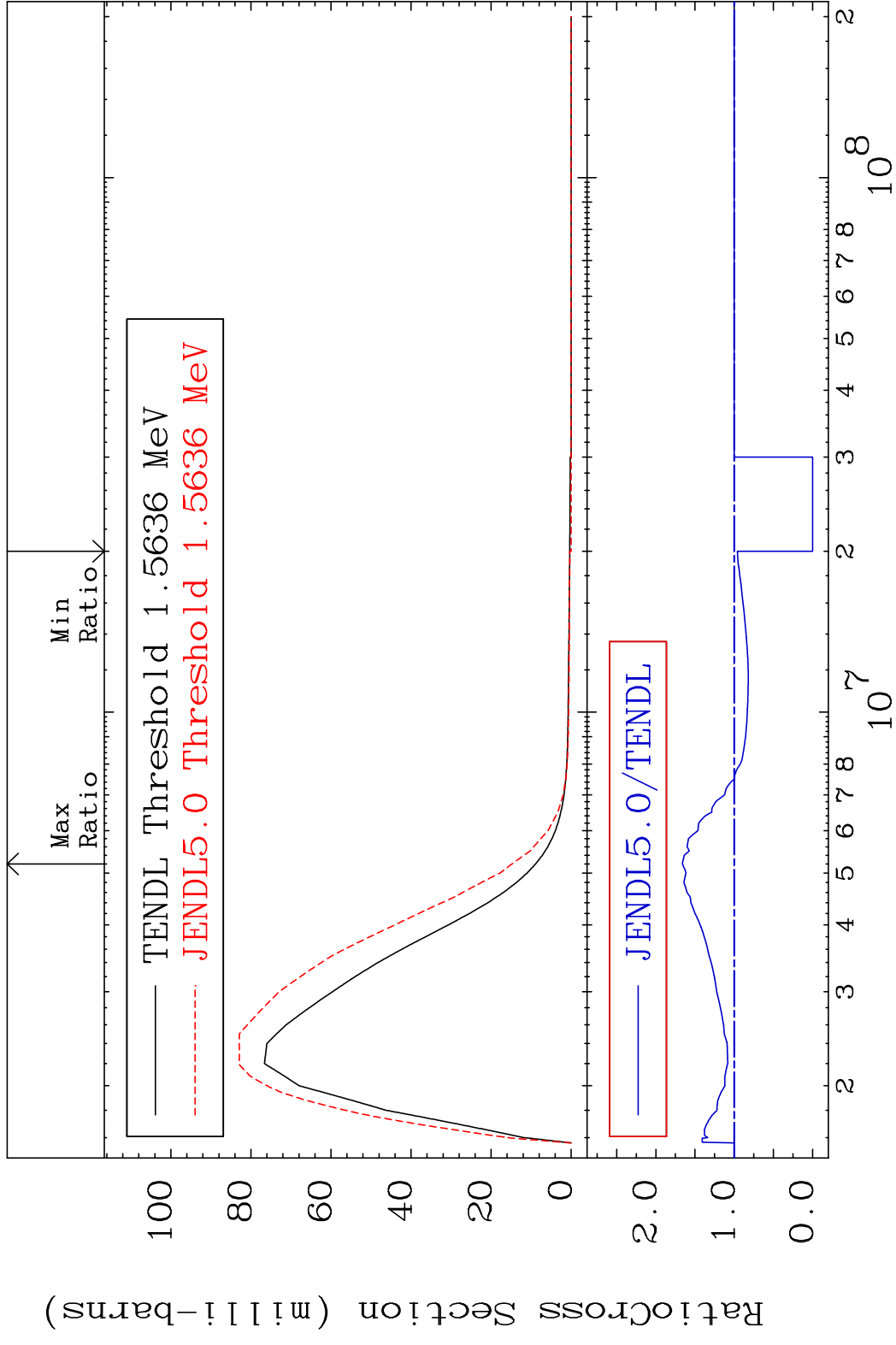
MAT 8319 MT= 63 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 106.6 %



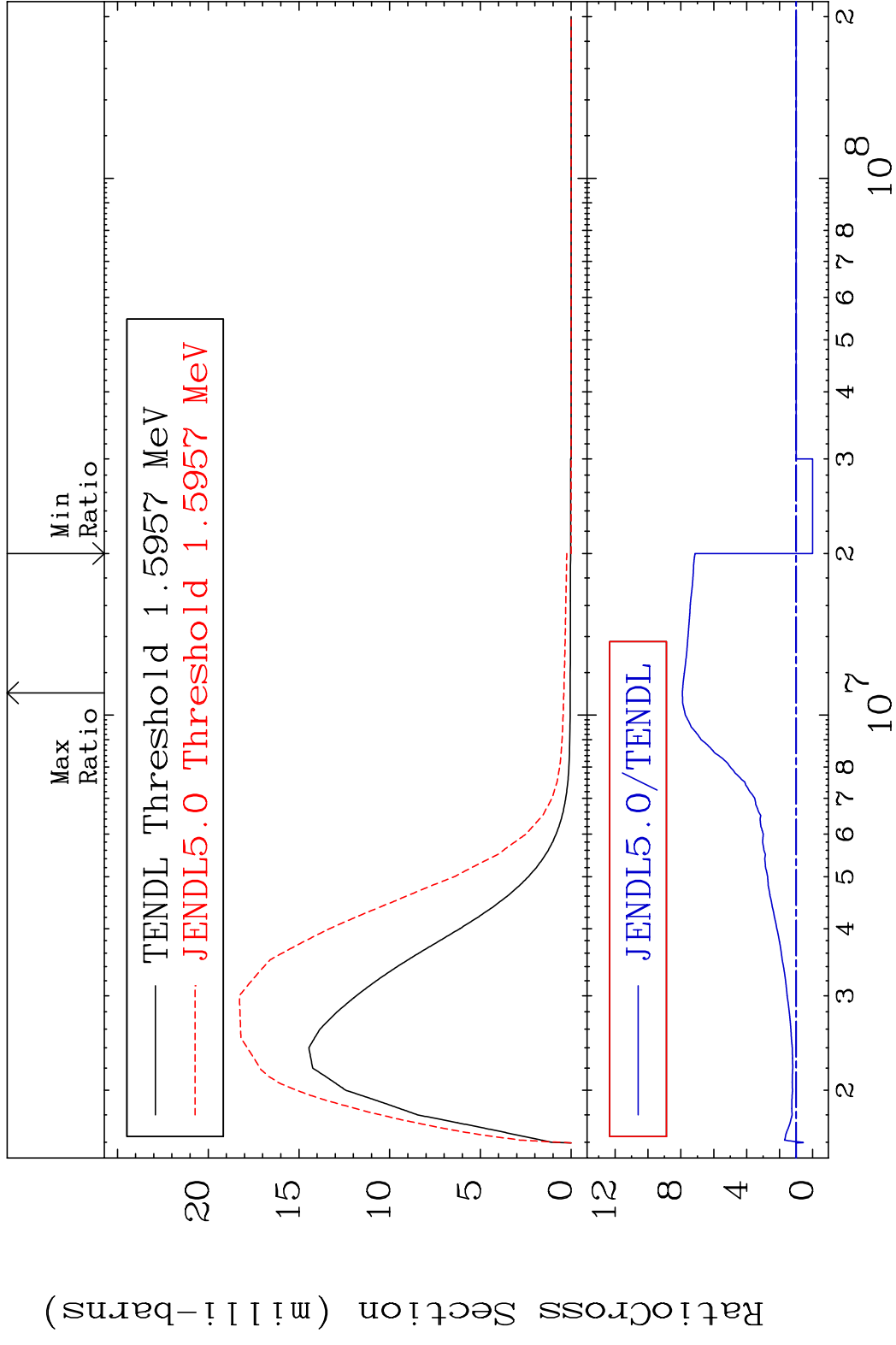
MAT 8319 MT= 64 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 2658. %



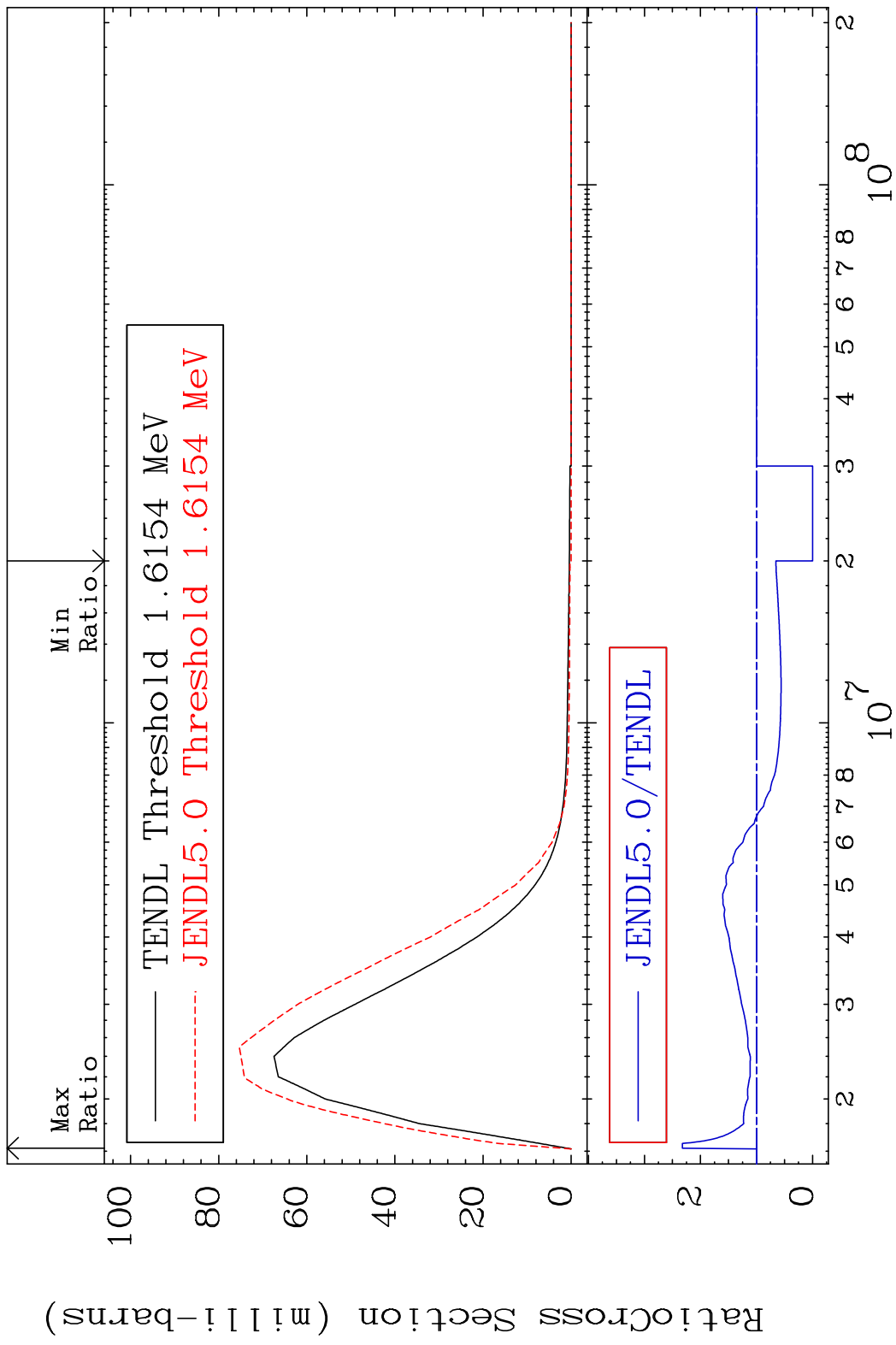
MAT 8319 MT= 65 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 66.15 %



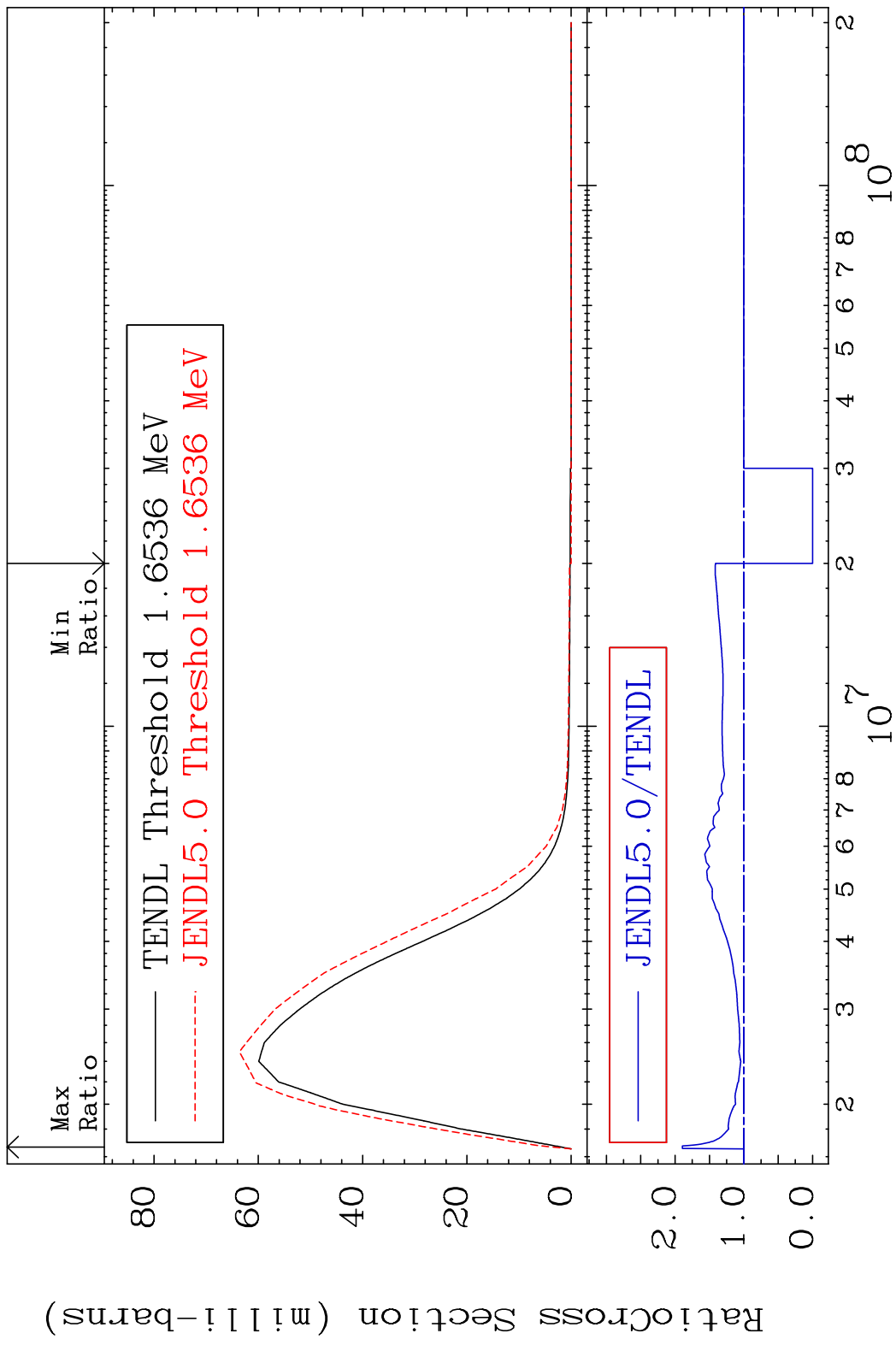
MAT 8319 MT= 66 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 691.1 %



MAT 8319 MT= 67 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 132.3 %

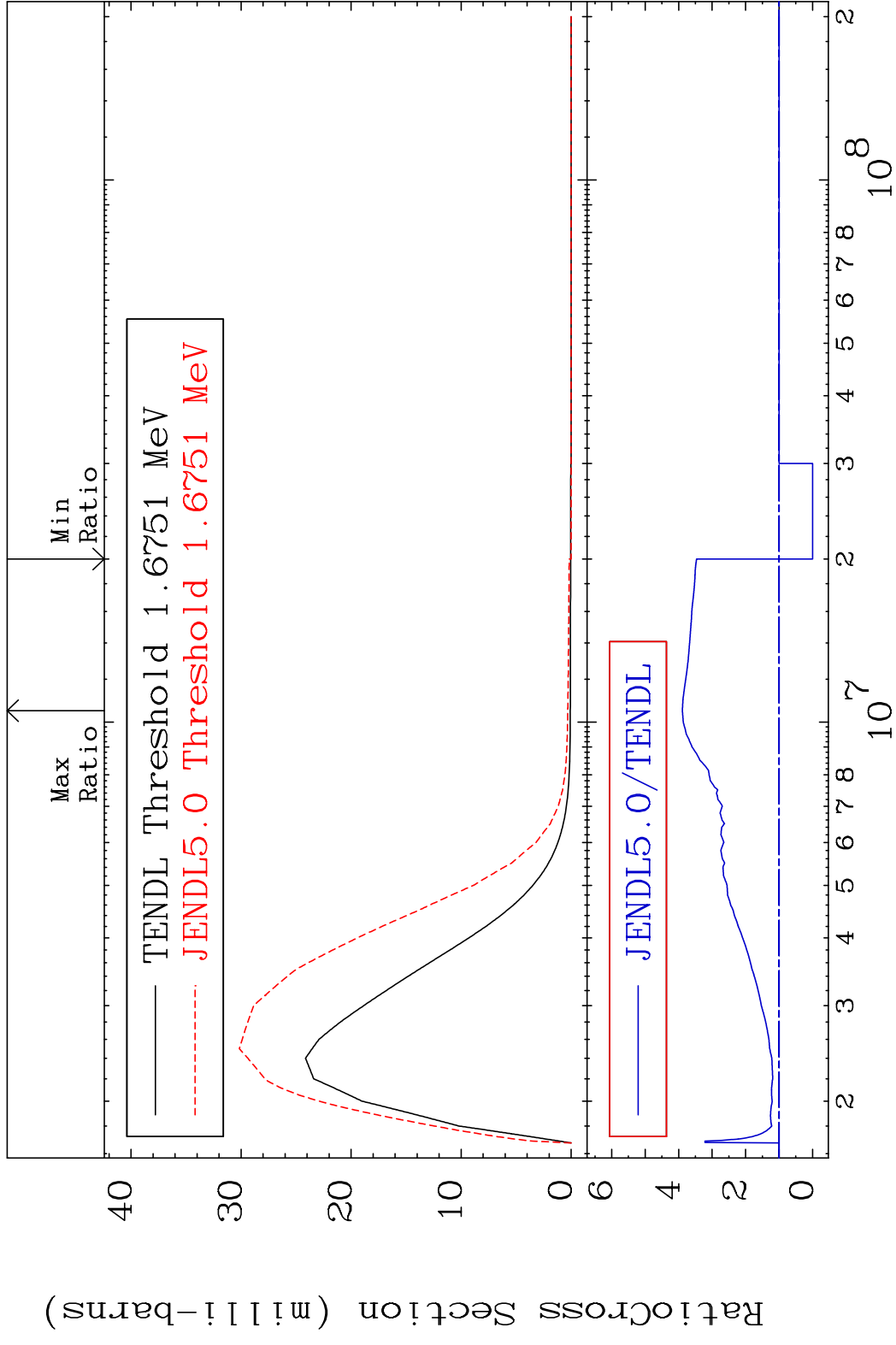


MAT 8319 MT= 68 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 89.43 %

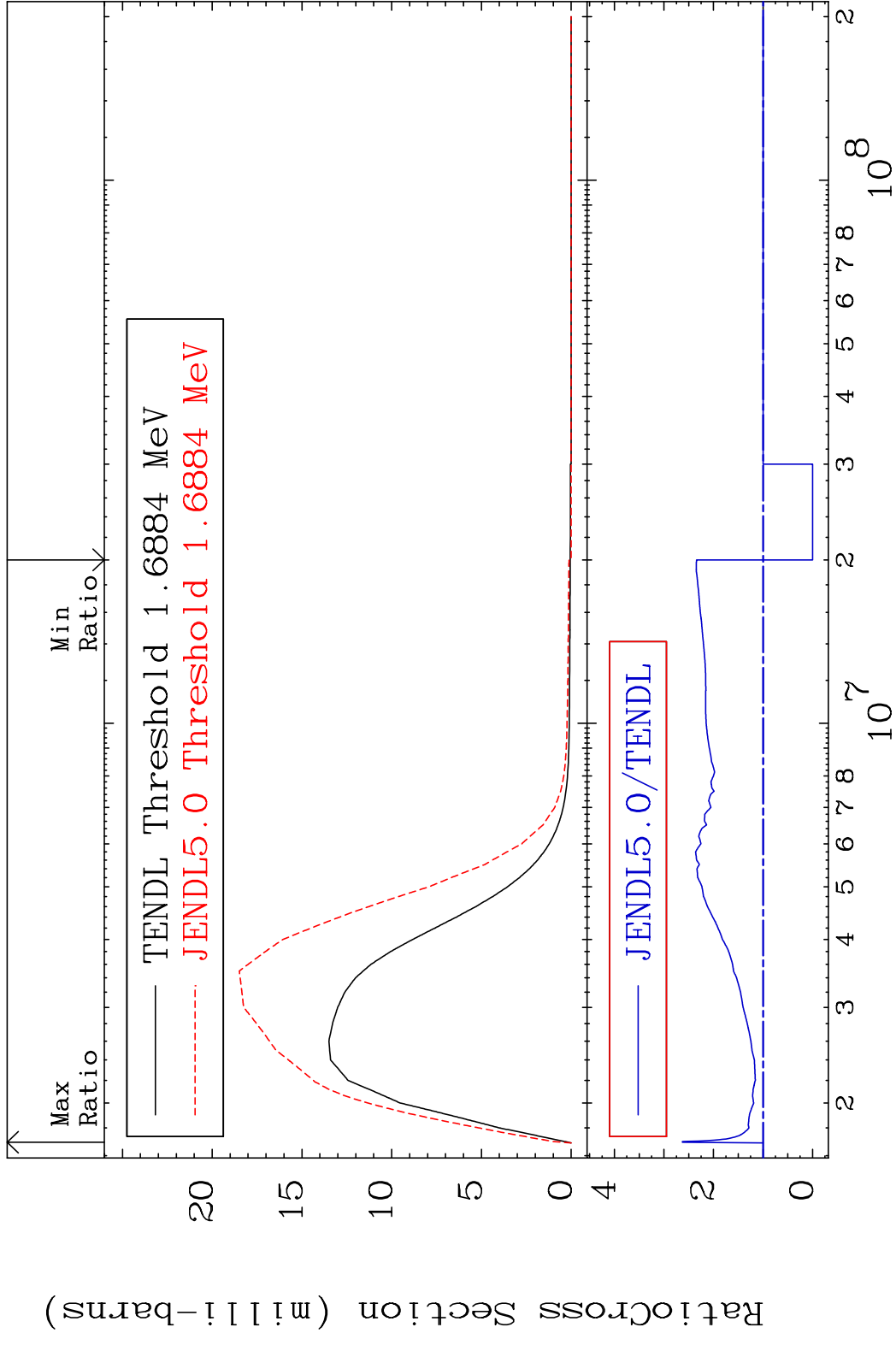


30 Incident Energy (eV) 83-Bi-207

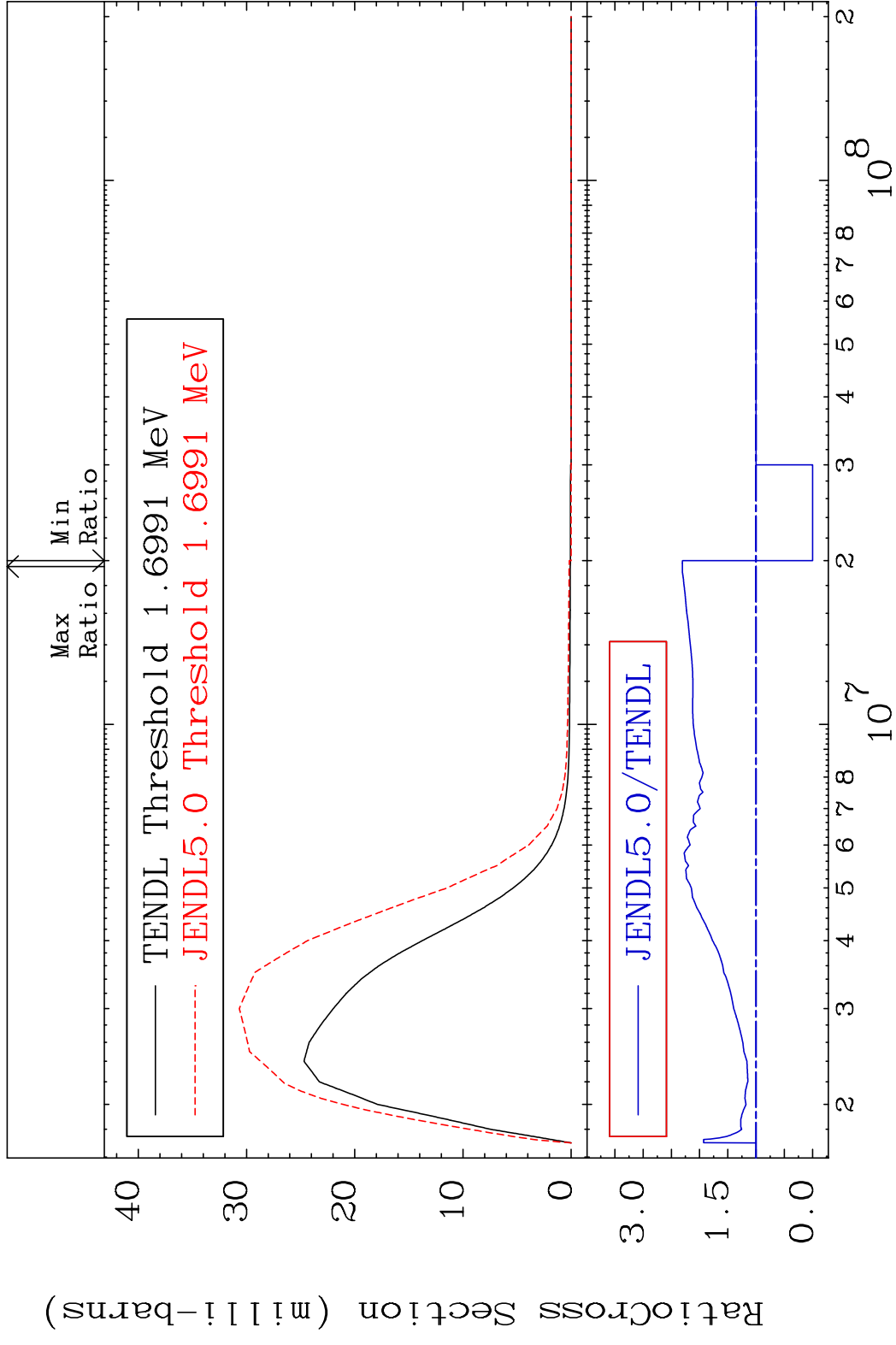
MAT 8319 MT= 69 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 289.0 %



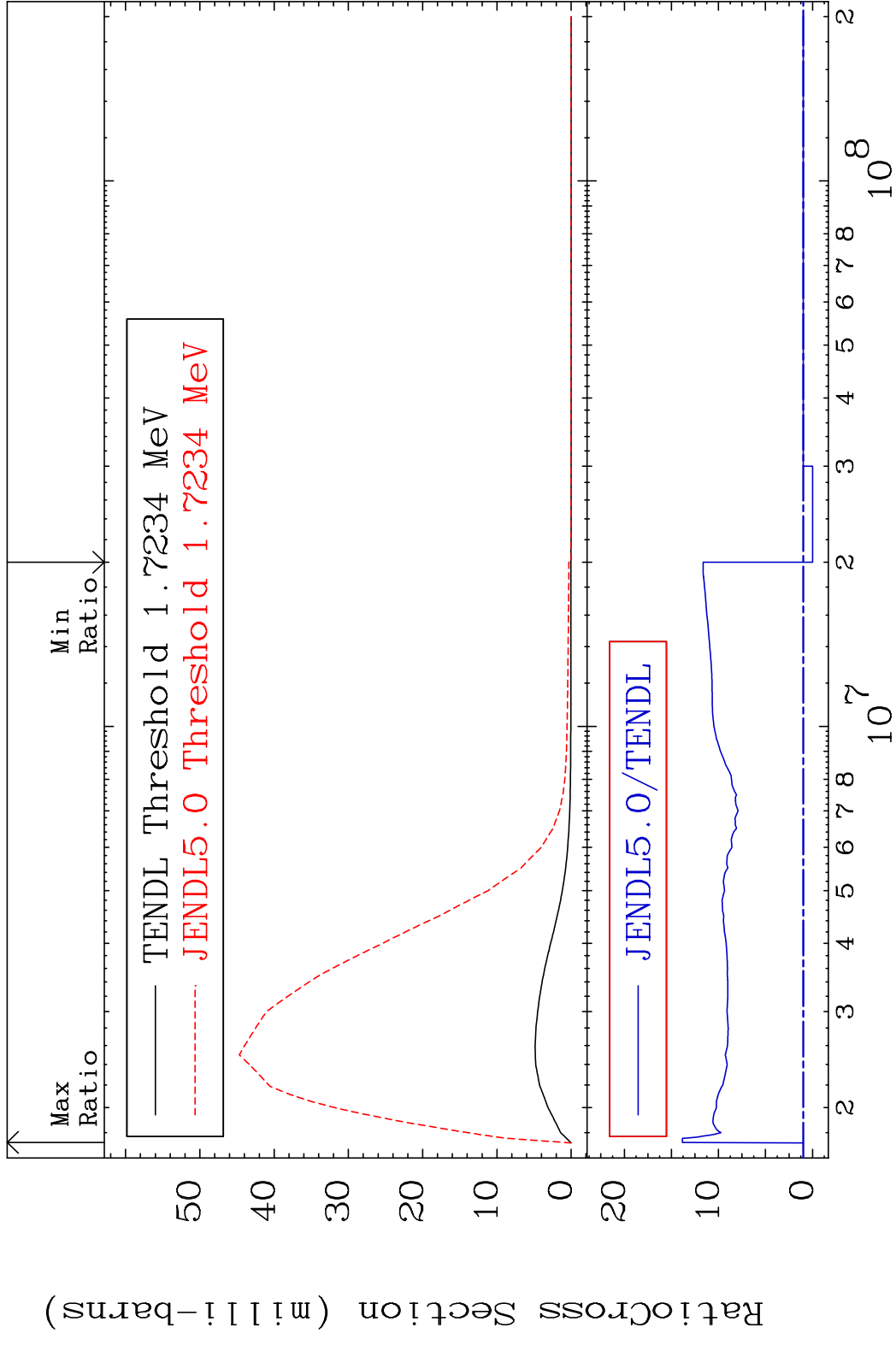
MAT 8319 MT= 70 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 162.9 %



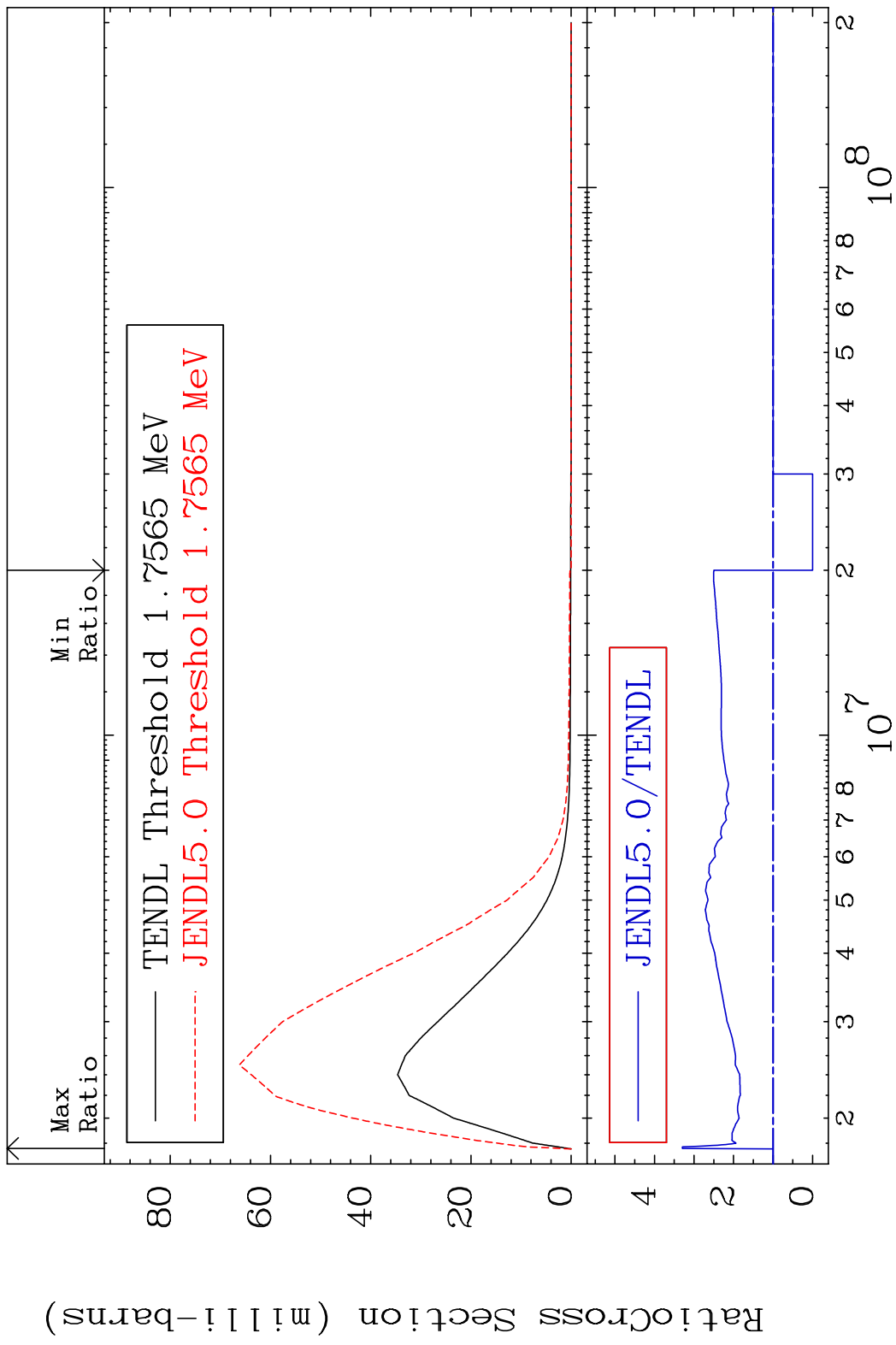
MAT 8319 MT= 71 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 130.5 %



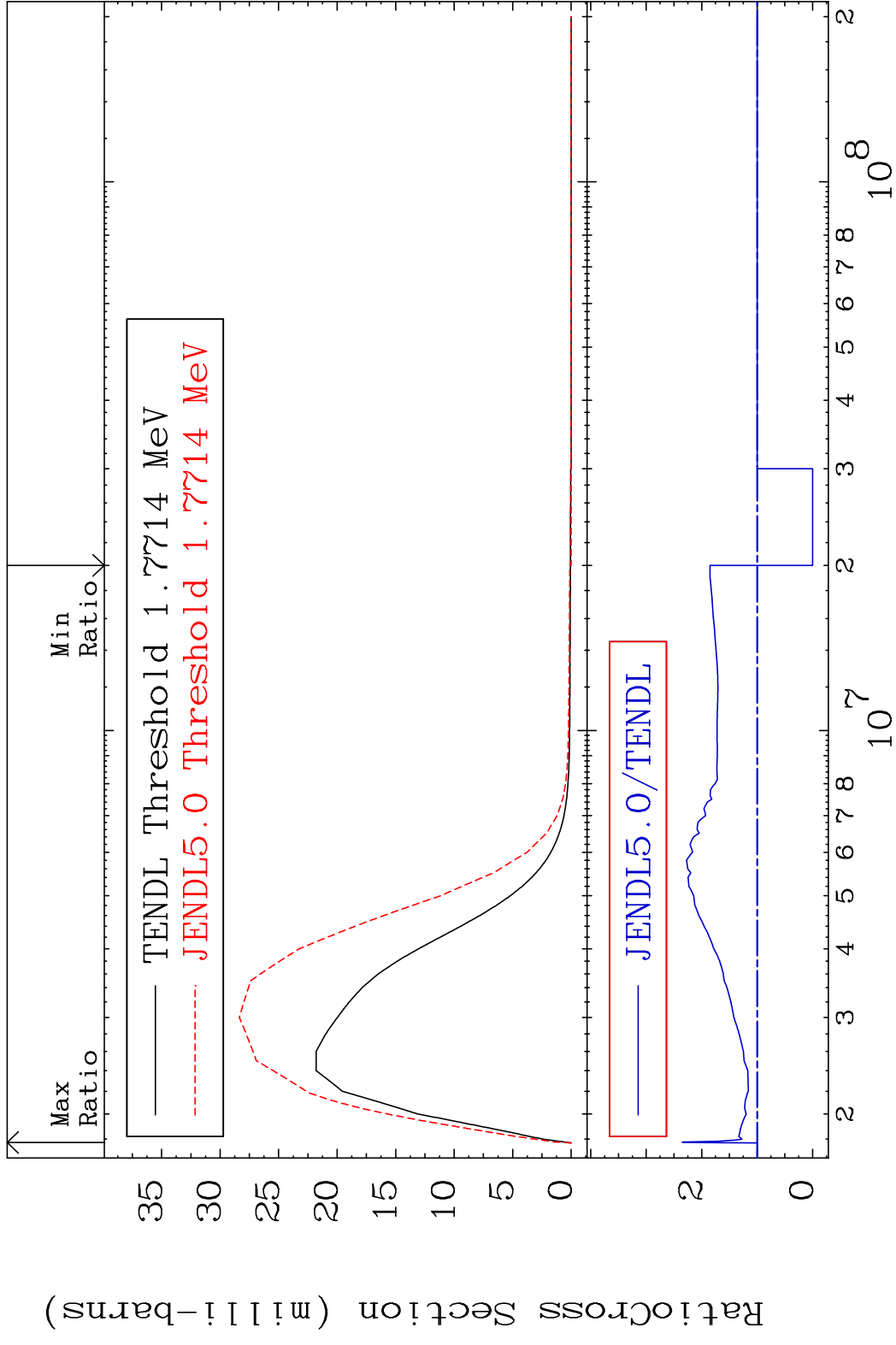
MAT 8319 MT= 72 (n,n') Level 83-Bi-207
 Cross Section -100.0 To 1284. %



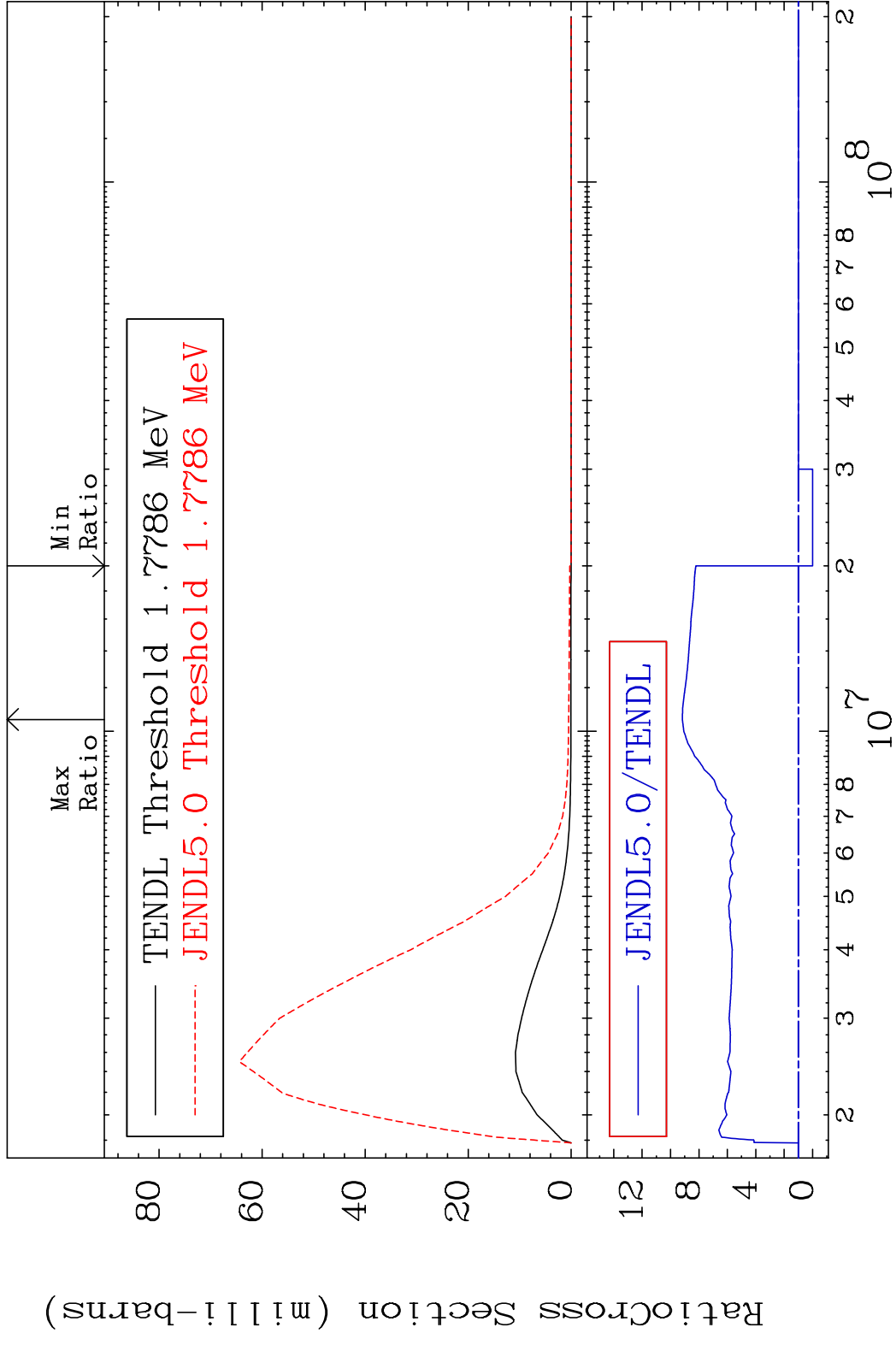
MAT 8319 MT= 73 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 229.5 %



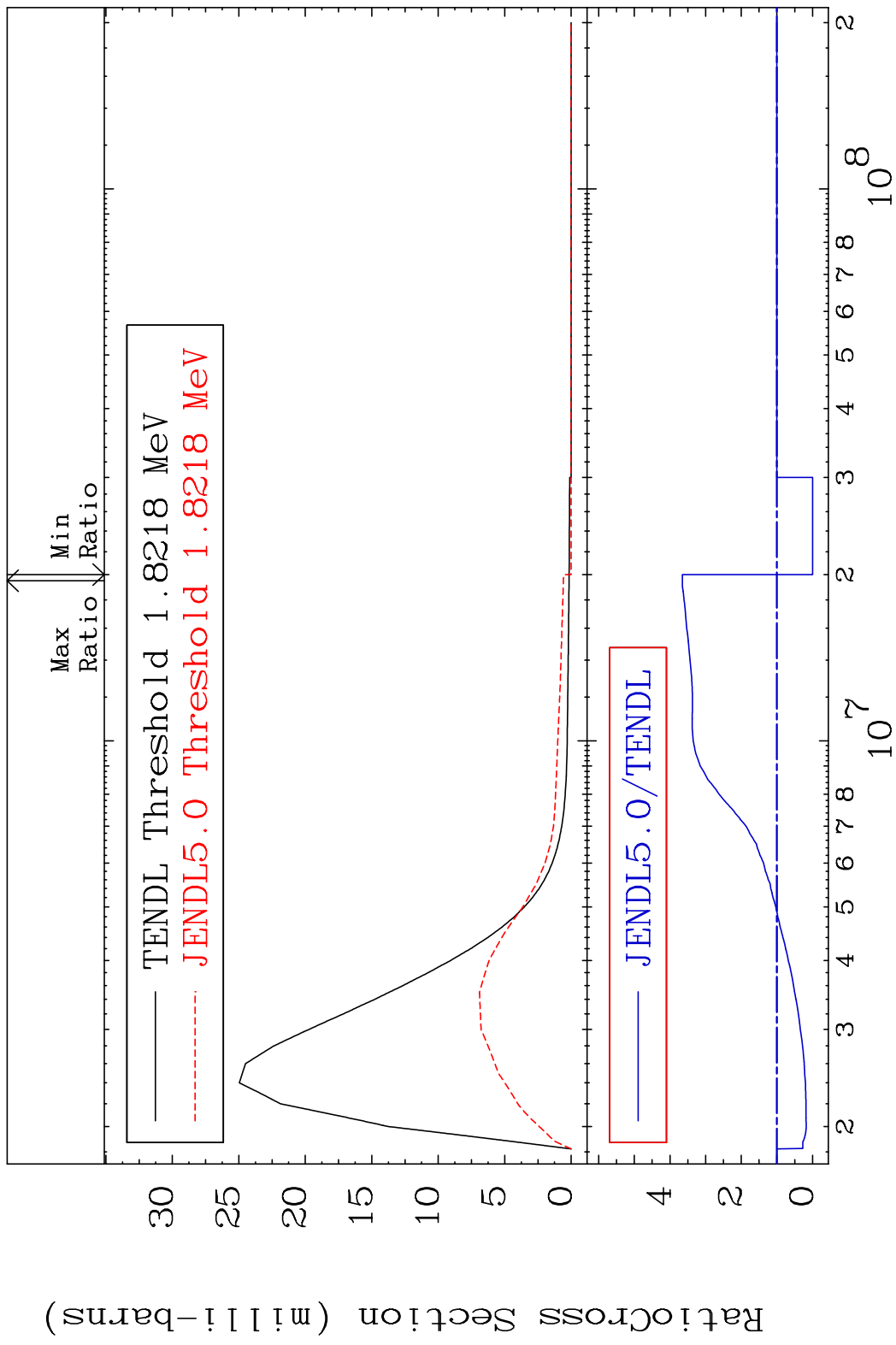
MAT 8319 MT= 74 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 134.9 %



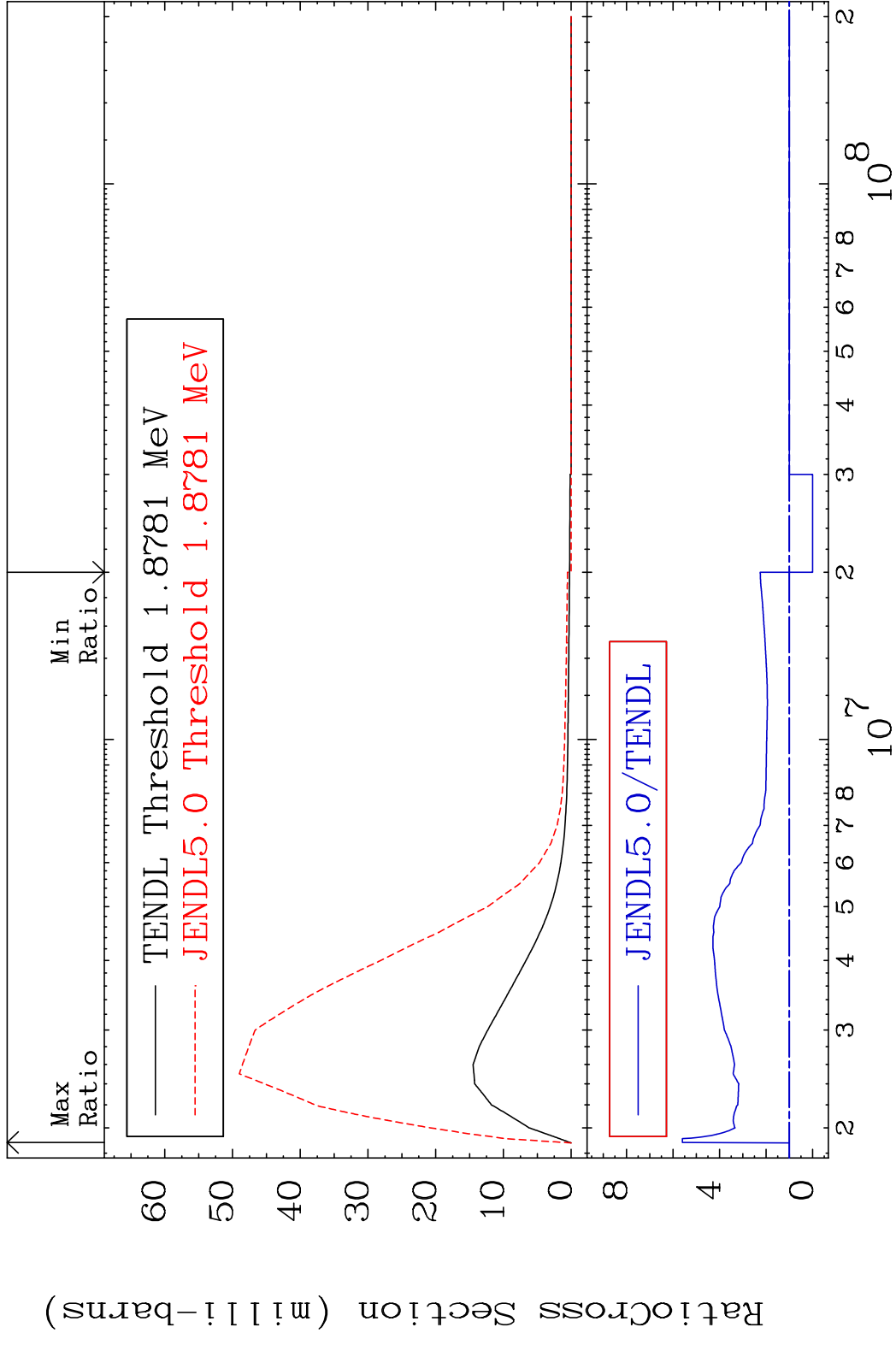
MAT 8319 MT= 75 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 816.8 %



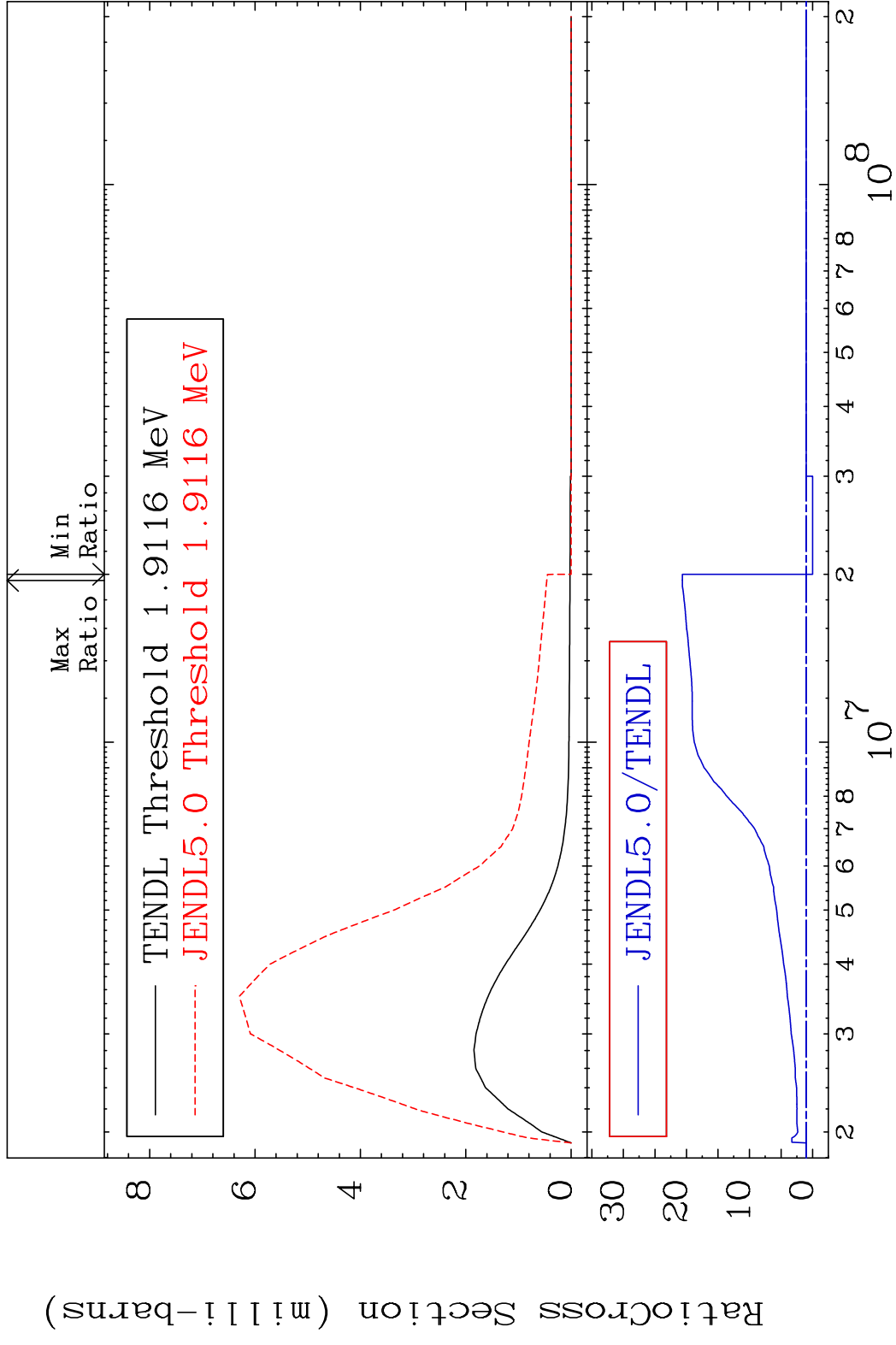
MAT 8319 MT= 76 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 265.2 %



MAT 8319 MT= 77 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 459.6 %

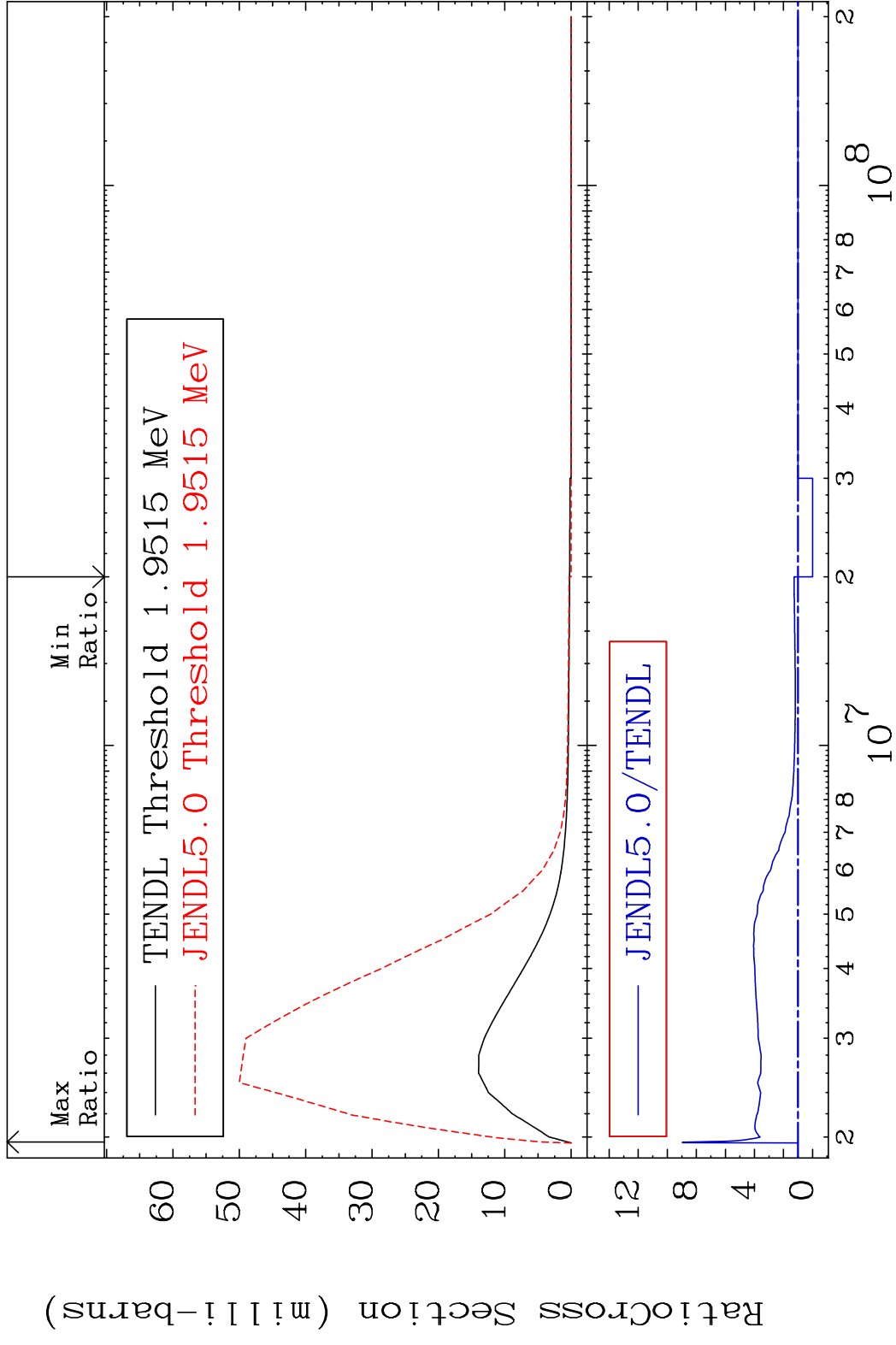


MAT 8319 MT= 78 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 1965. %



40 Incident Energy (eV) 83-Bi-207

MAT 8319 MT= 79 (n, n') Level 83-Bi-207
 Cross Section -100.0 To 796.4 %

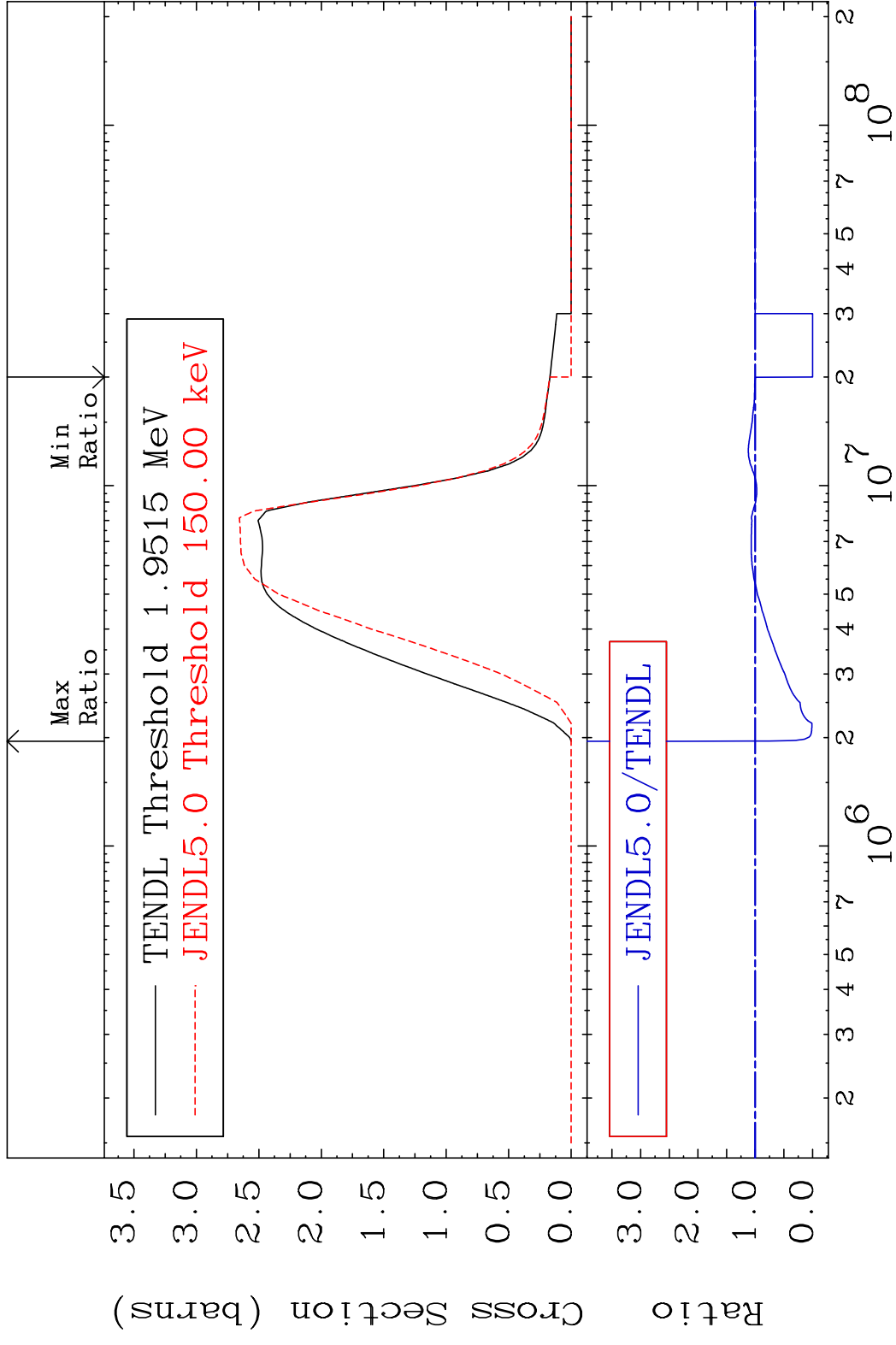


MAT 8319

(n,n') Continuum

83-Bi-207

Cross Section -100.0 To 127.2 %

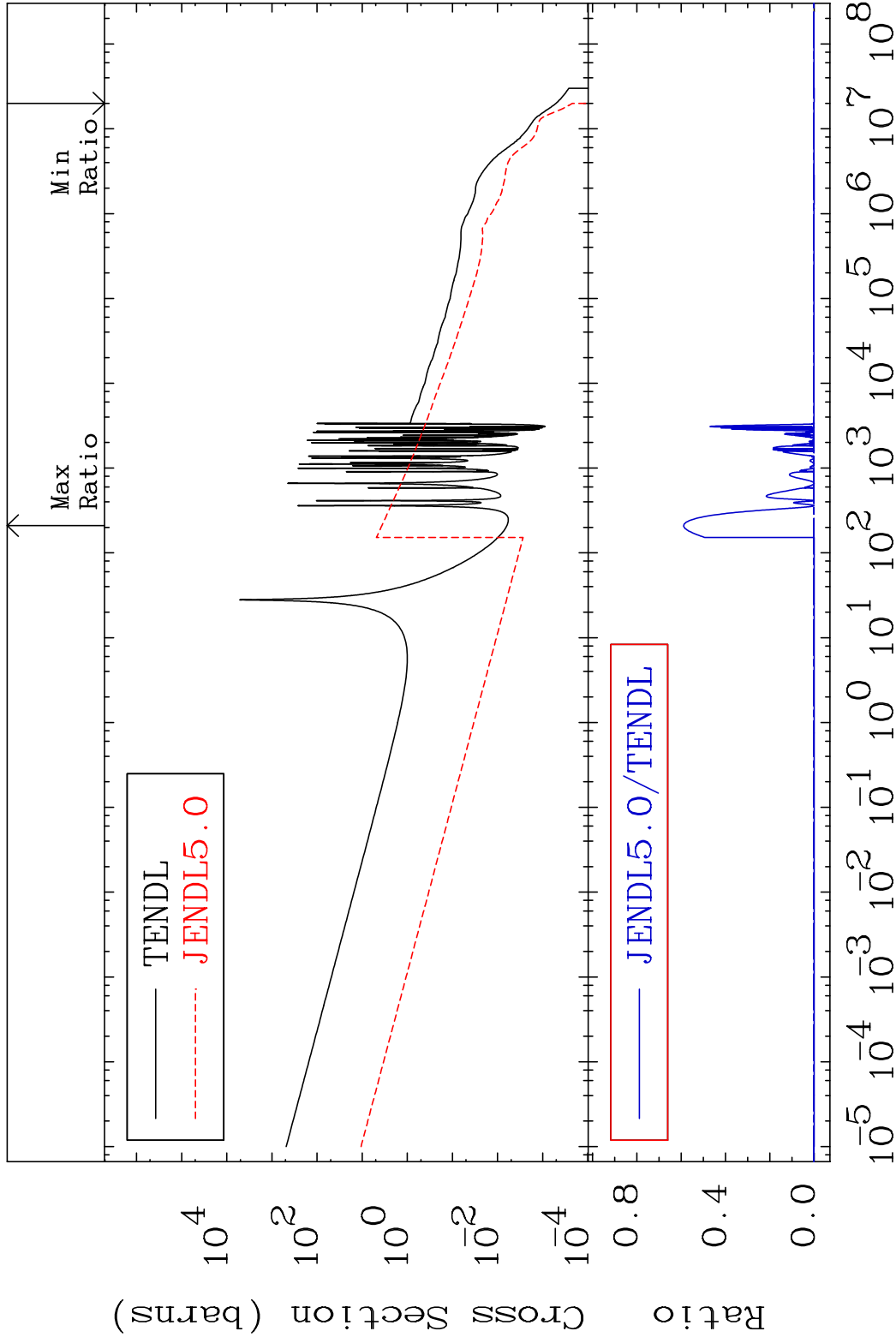


MAT 8319

(n, γ)

83-Bi-207

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

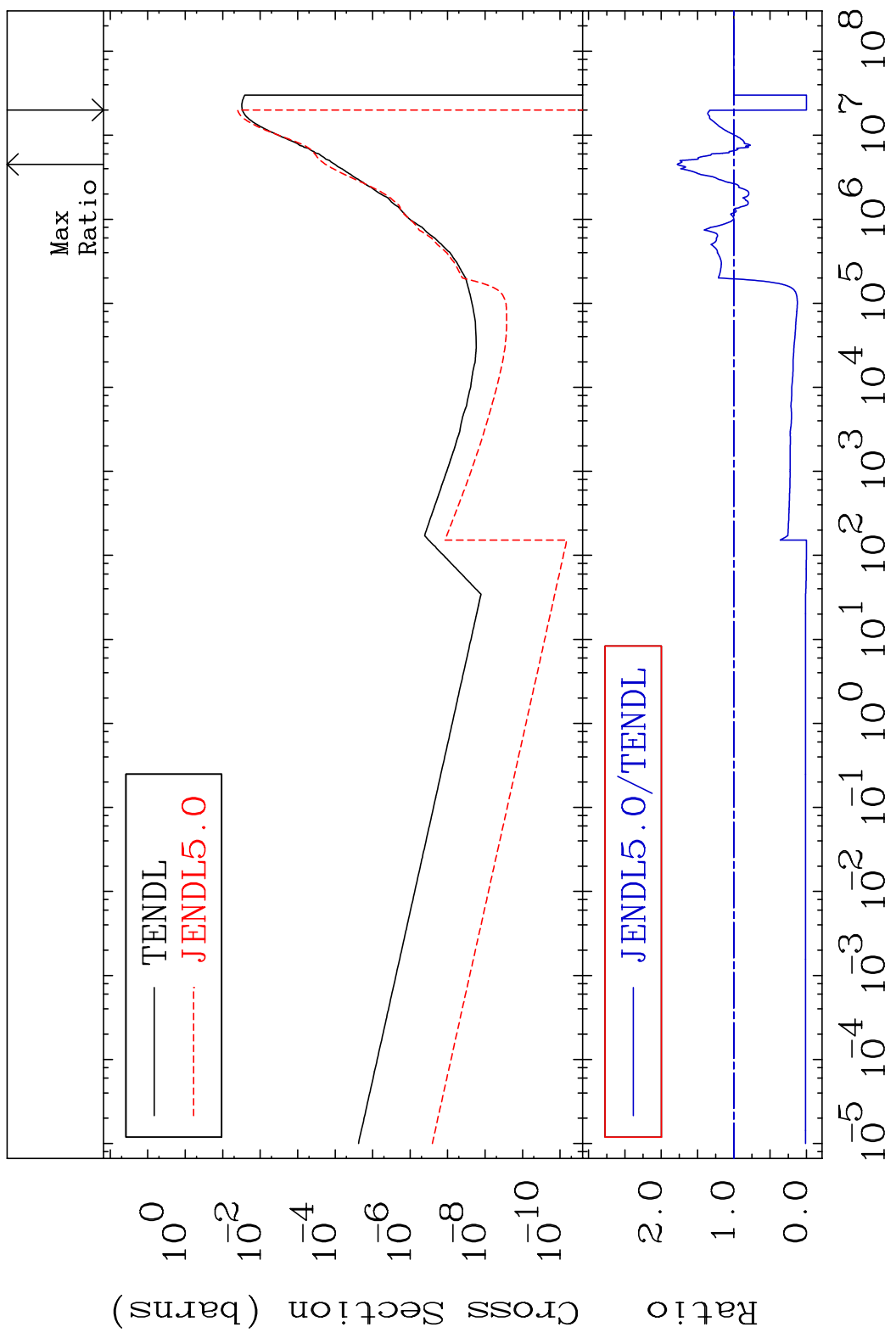
83-Bi-207

MAT 8319

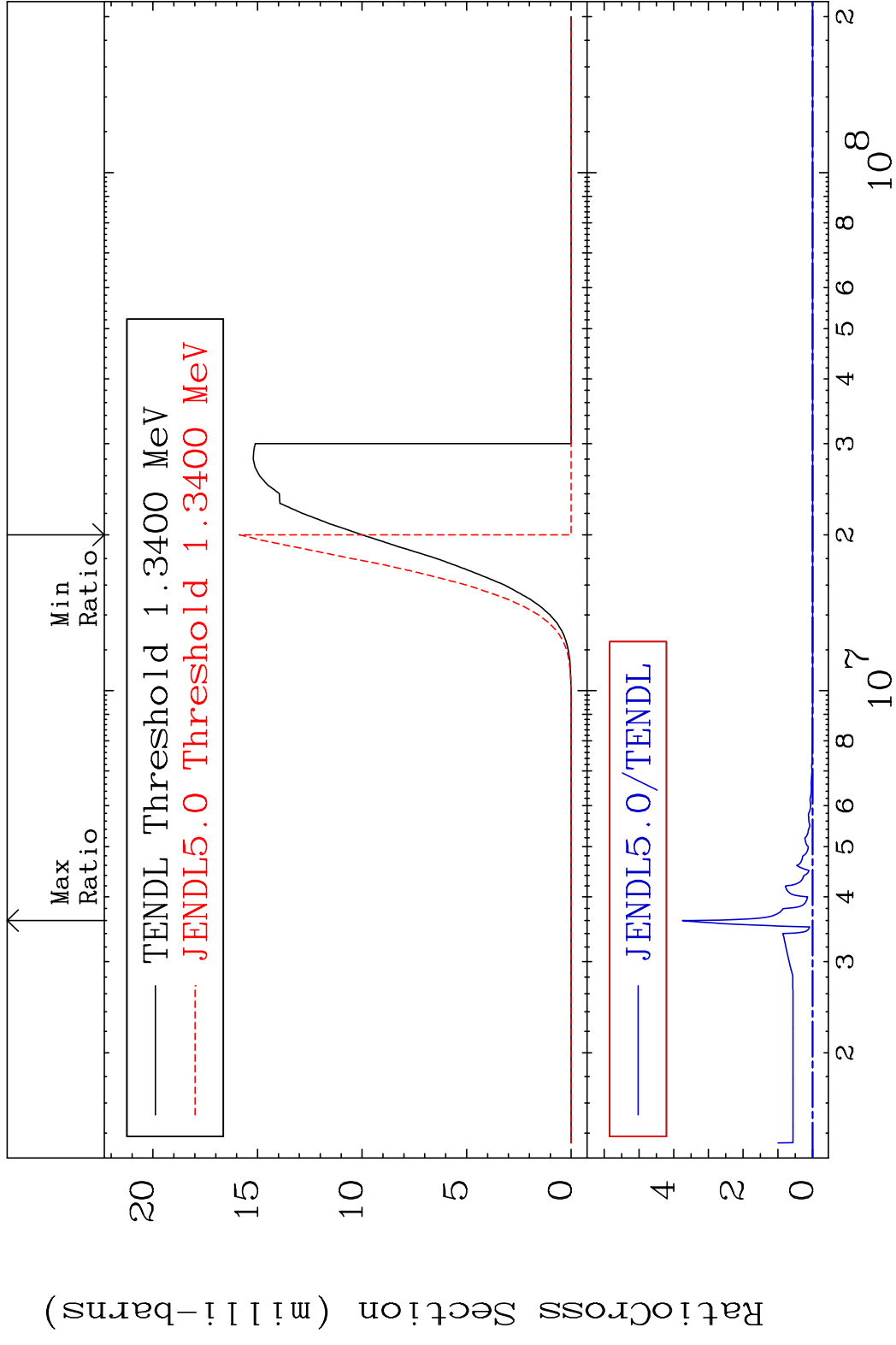
(n, p)

83-Bi-207

Cross Section -100.0 To 77.98 %



MAT 8319 (n,d) 83-Bi-207
 Cross Section -100.0 To 9999. %



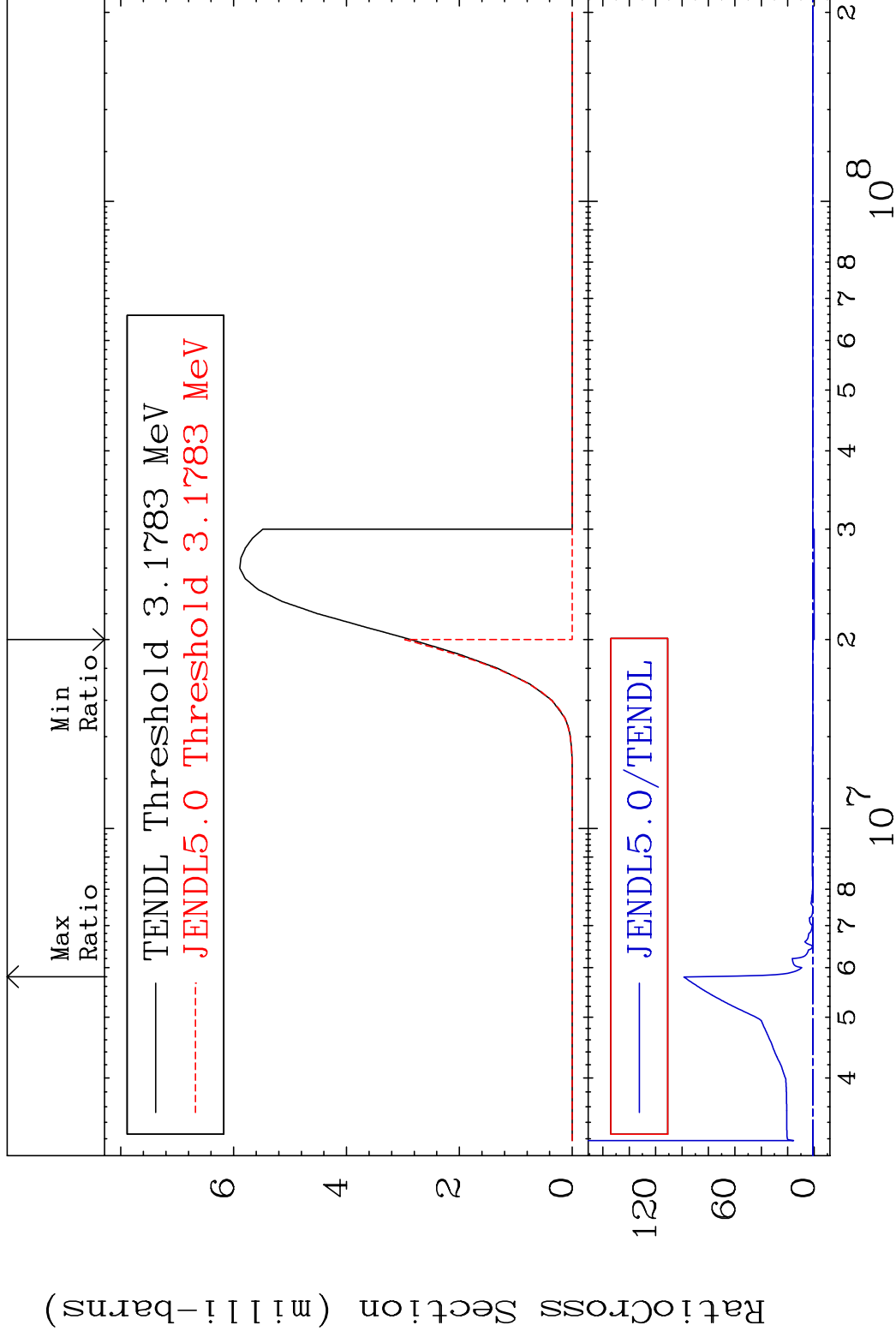
45 83-Bi-207

MAT 8319

(n, t)

83-Bi-207

Cross Section -100.0 To 9777. %



46

Incident Energy (eV)

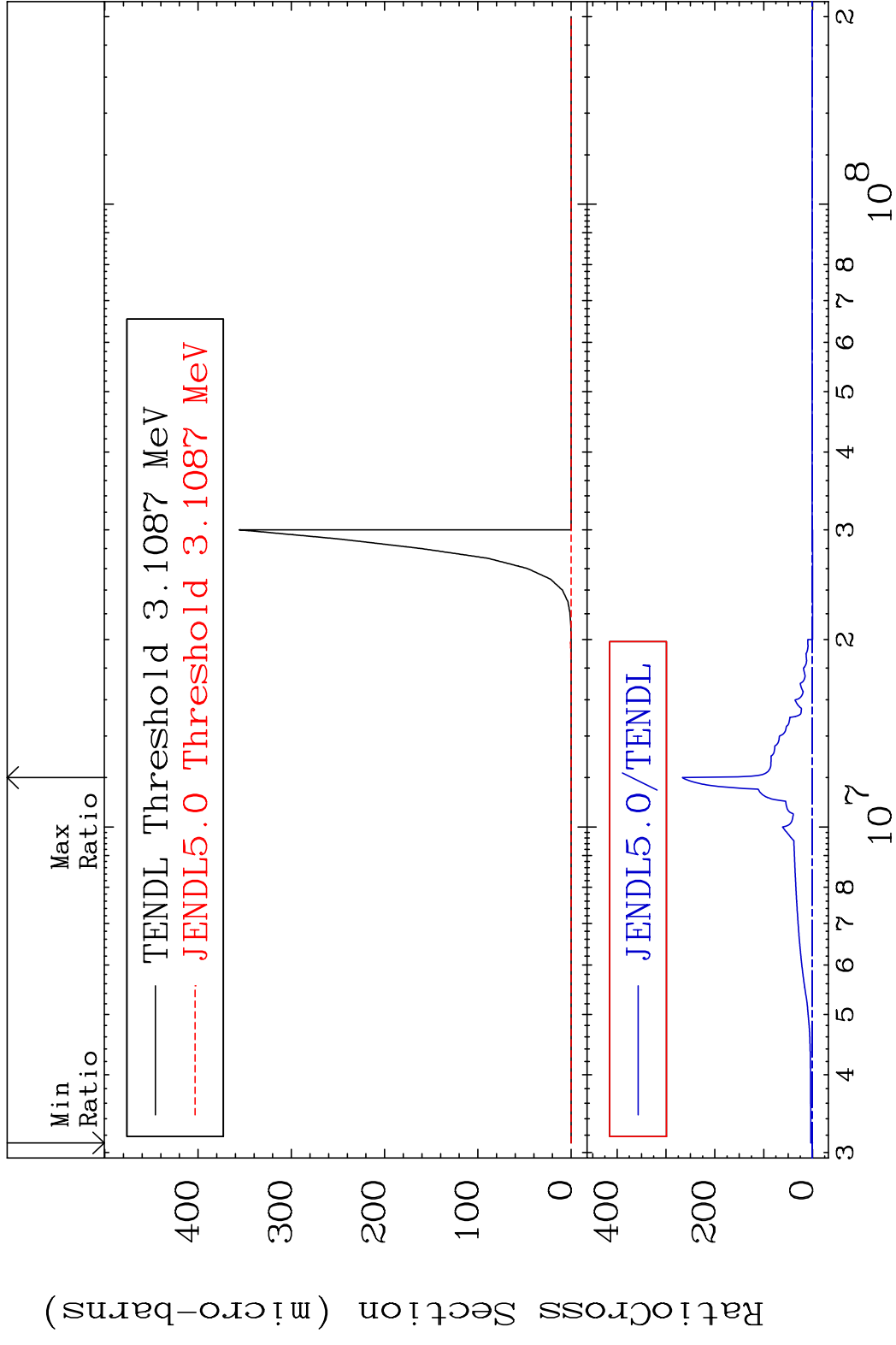
83-Bi-207

MAT 8319

(n, He-3)

83-Bi-207

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

83-Bi-207

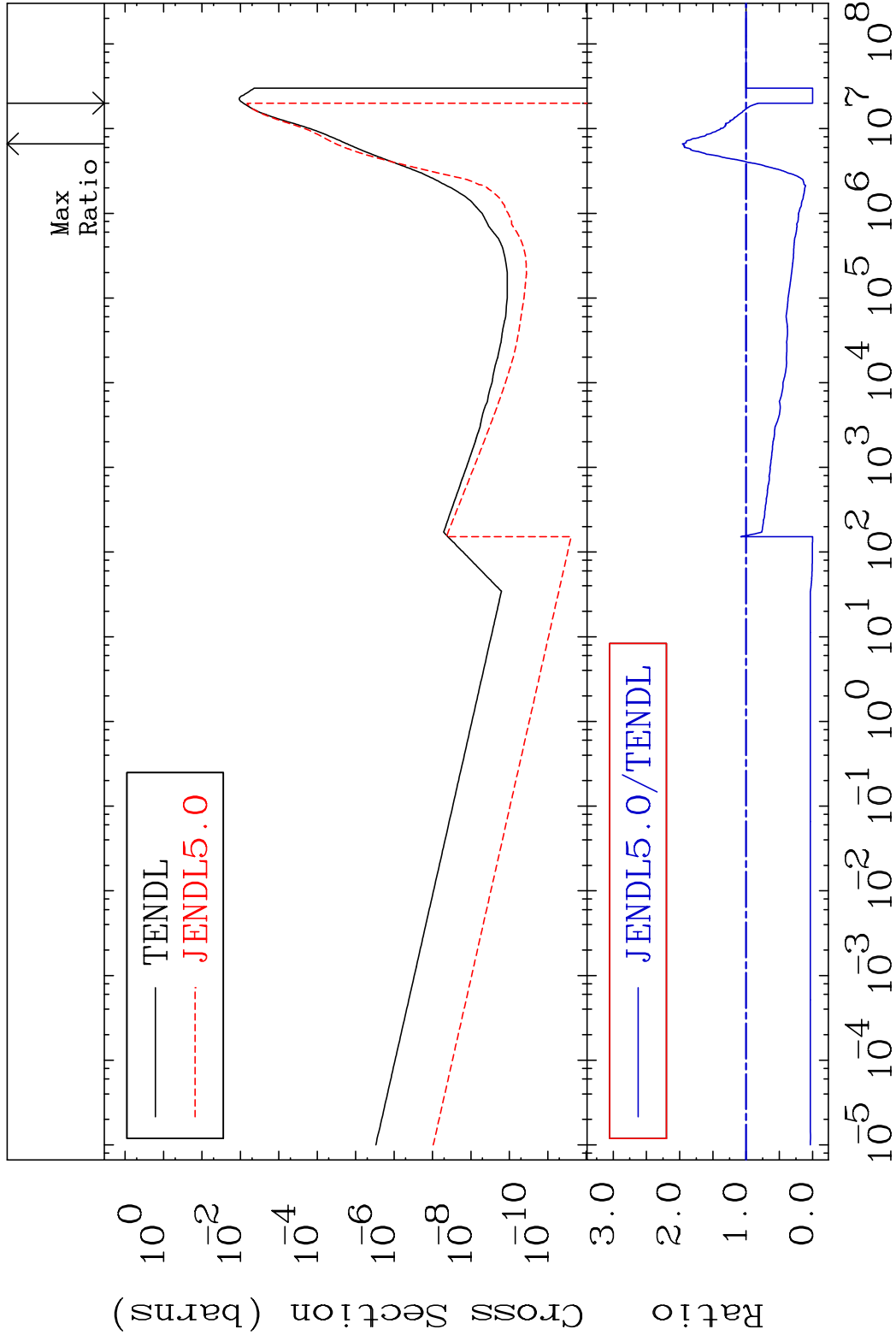
MAT 8319

(n, α)

83-Bi-207

Cross Section

-100.0 To 95.93 %



48

Incident Energy (eV)

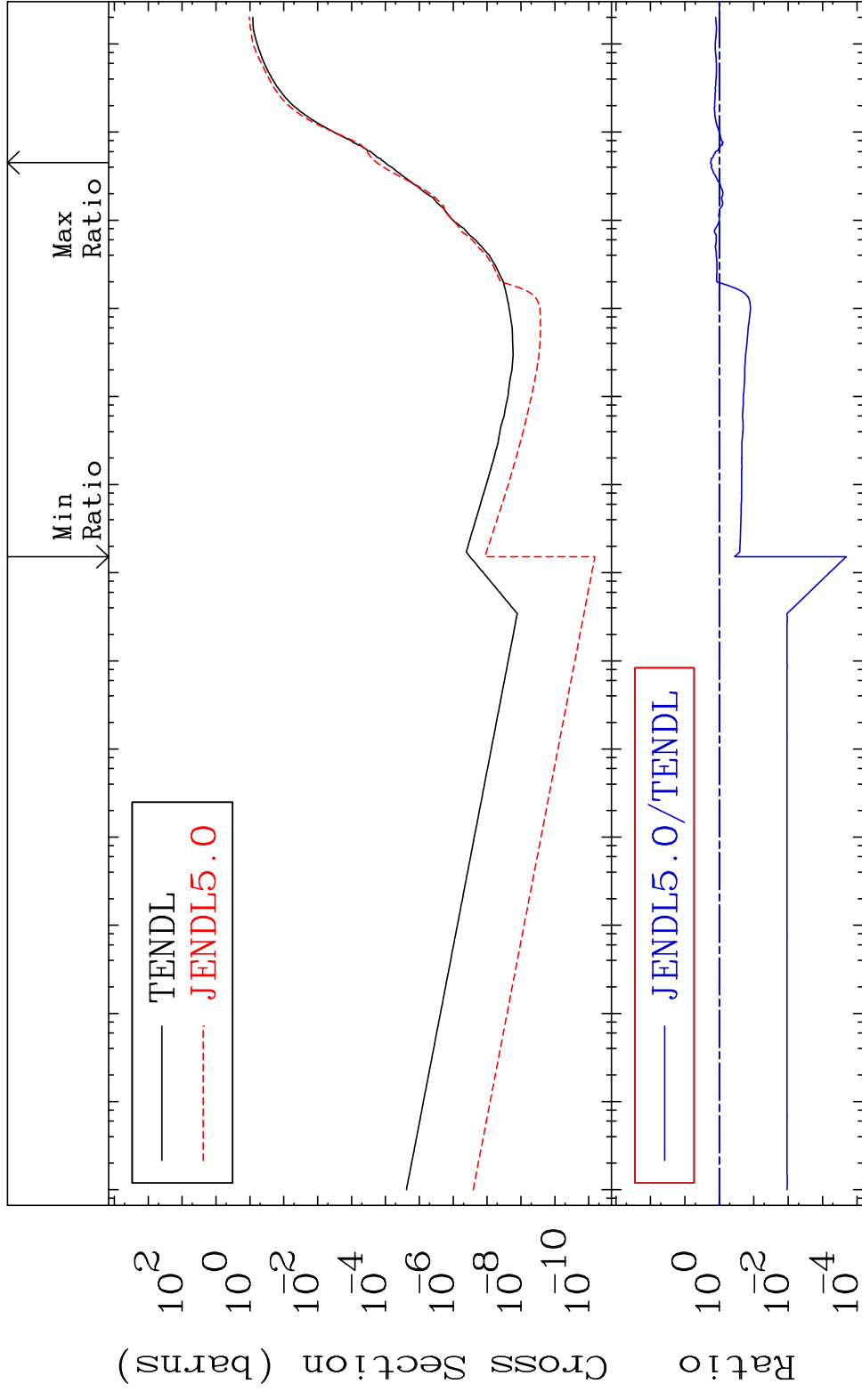
83-Bi-207

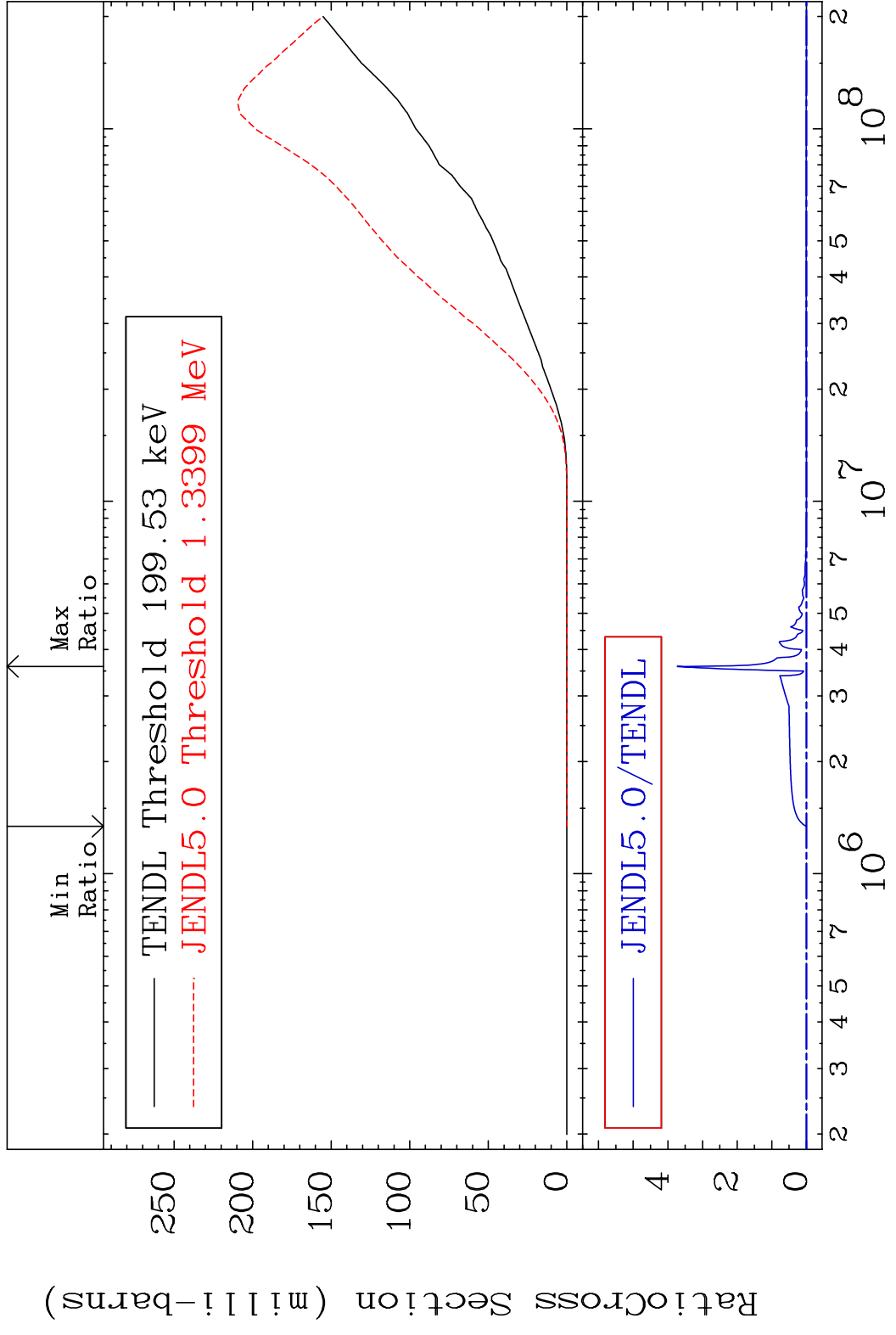
MAT 8319

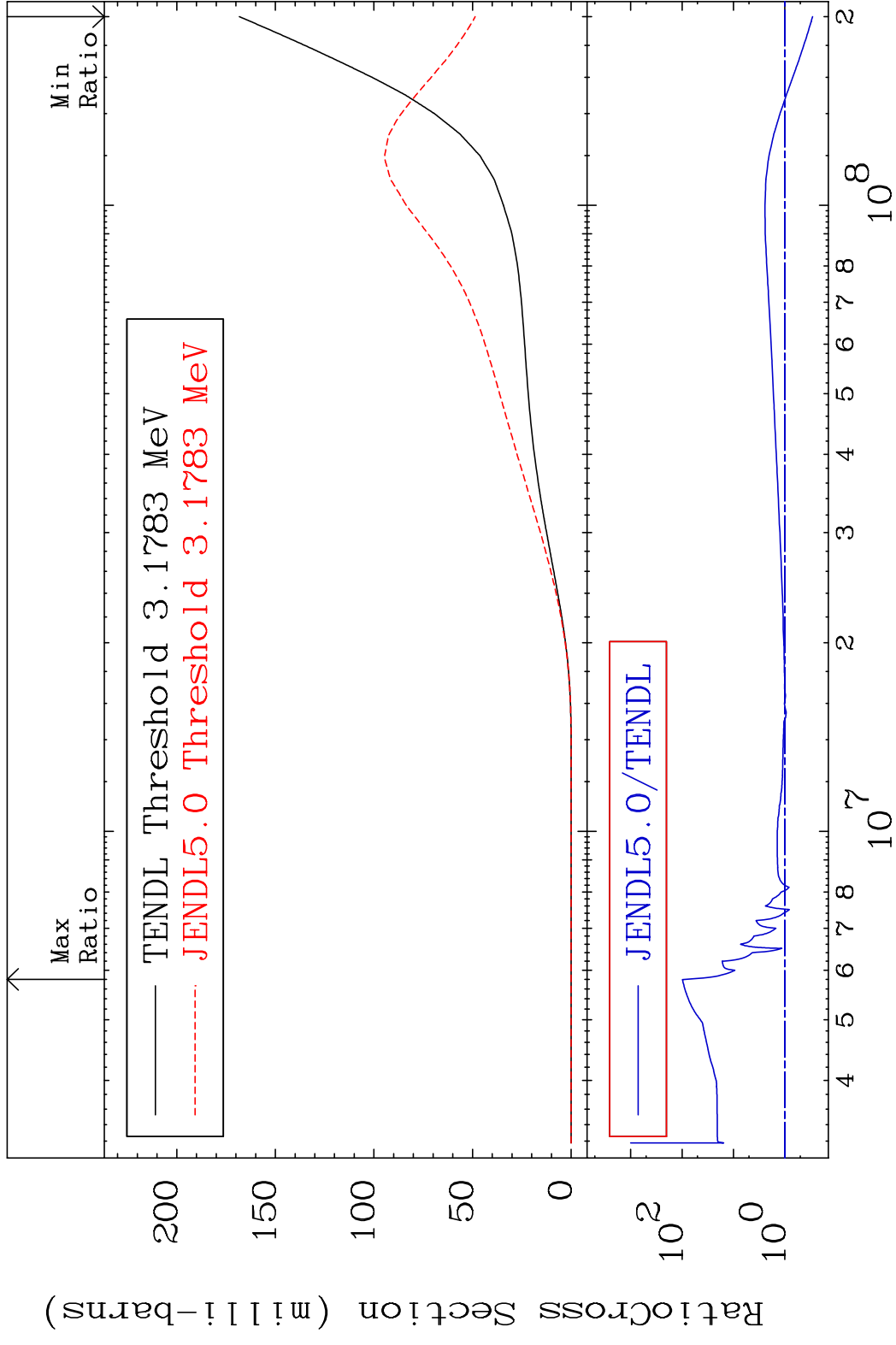
Hydrogen Production

83-Bi-207

Cross Section -99.98 To 77.98 %





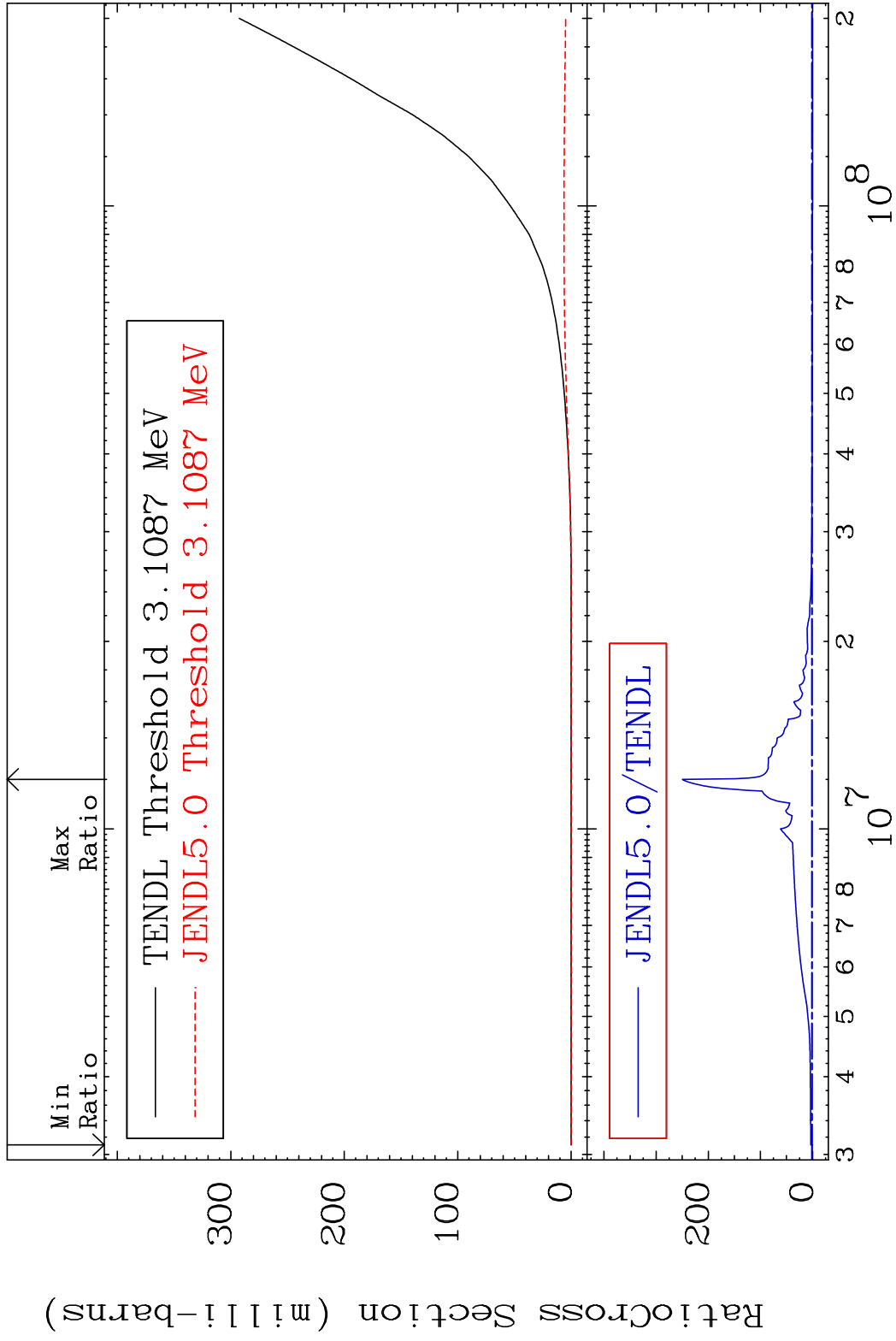


MAT 8319

He-3 Production

83-Bi-207

Cross Section -100.0 To 9999. %



52

Incident Energy (eV)

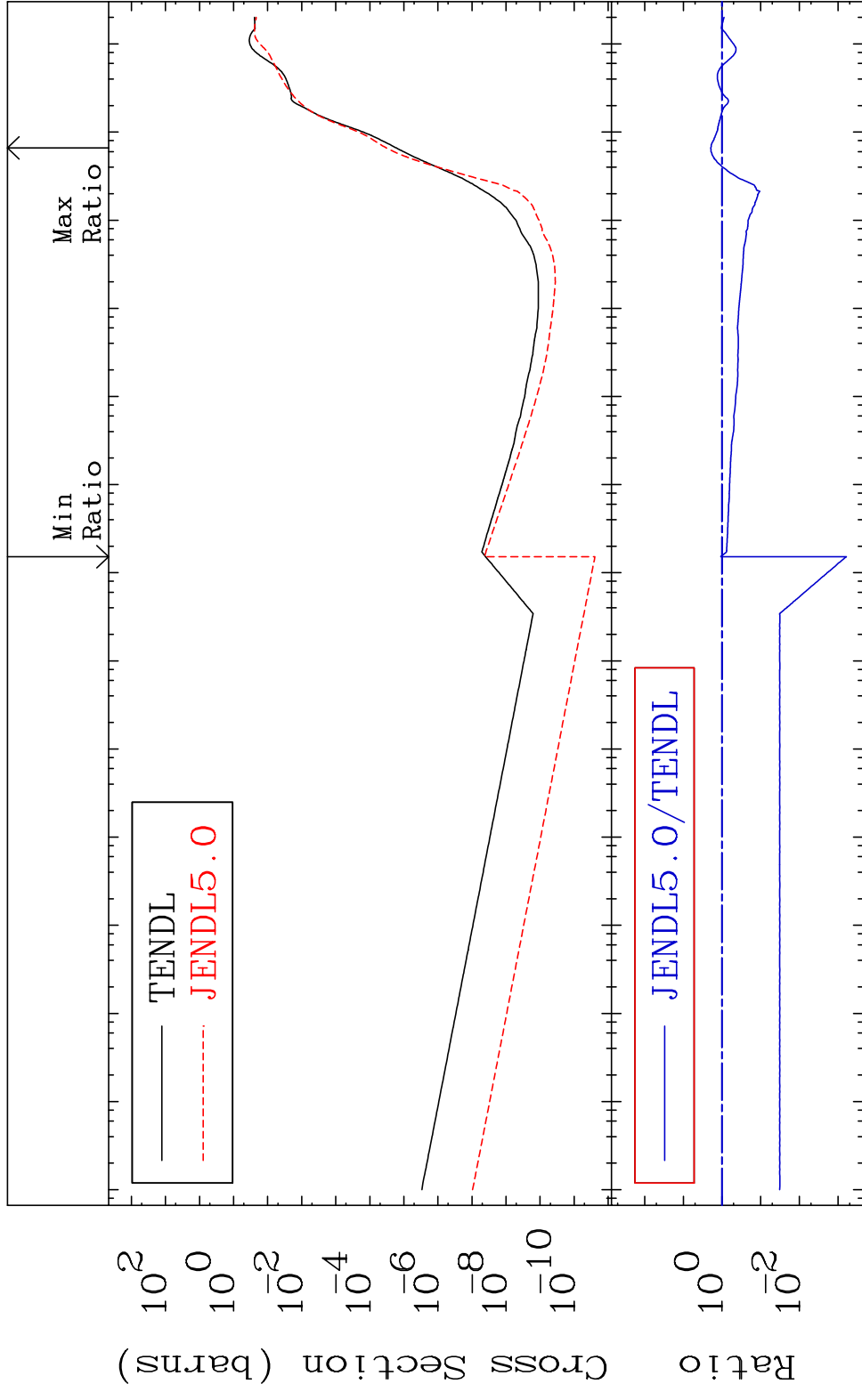
83-Bi-207

MAT 8319

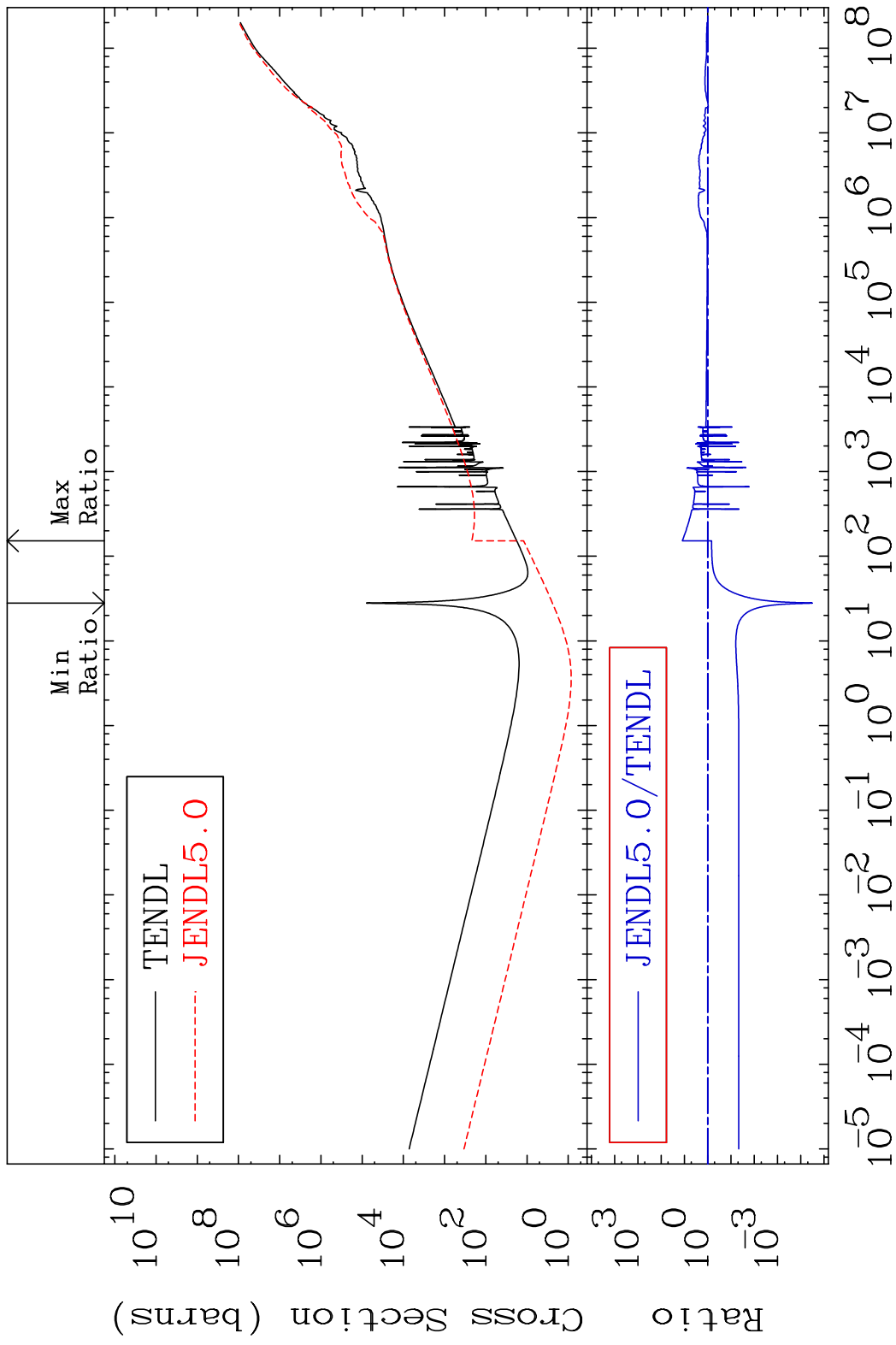
He-4 Production

83-Bi-207

Cross Section -99.94 To 95.94 %



MAT 8319 Kerma total (eV-barns) 83-Bi-207
 Cross Section -100.0 To 1123. %

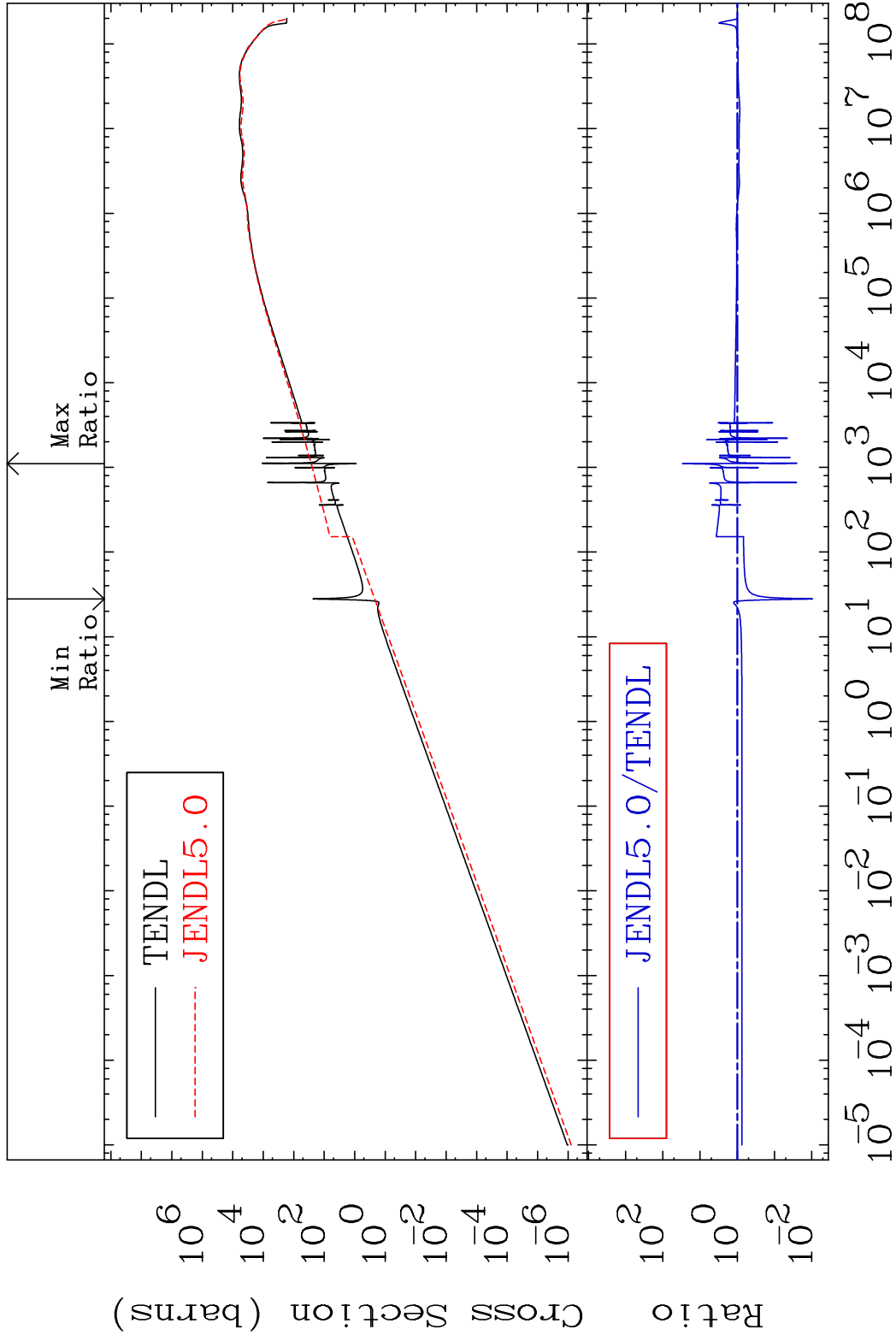


MAT 8319

Kerma elastic

83-Bi-207

Cross Section -99.05 To 2891. %

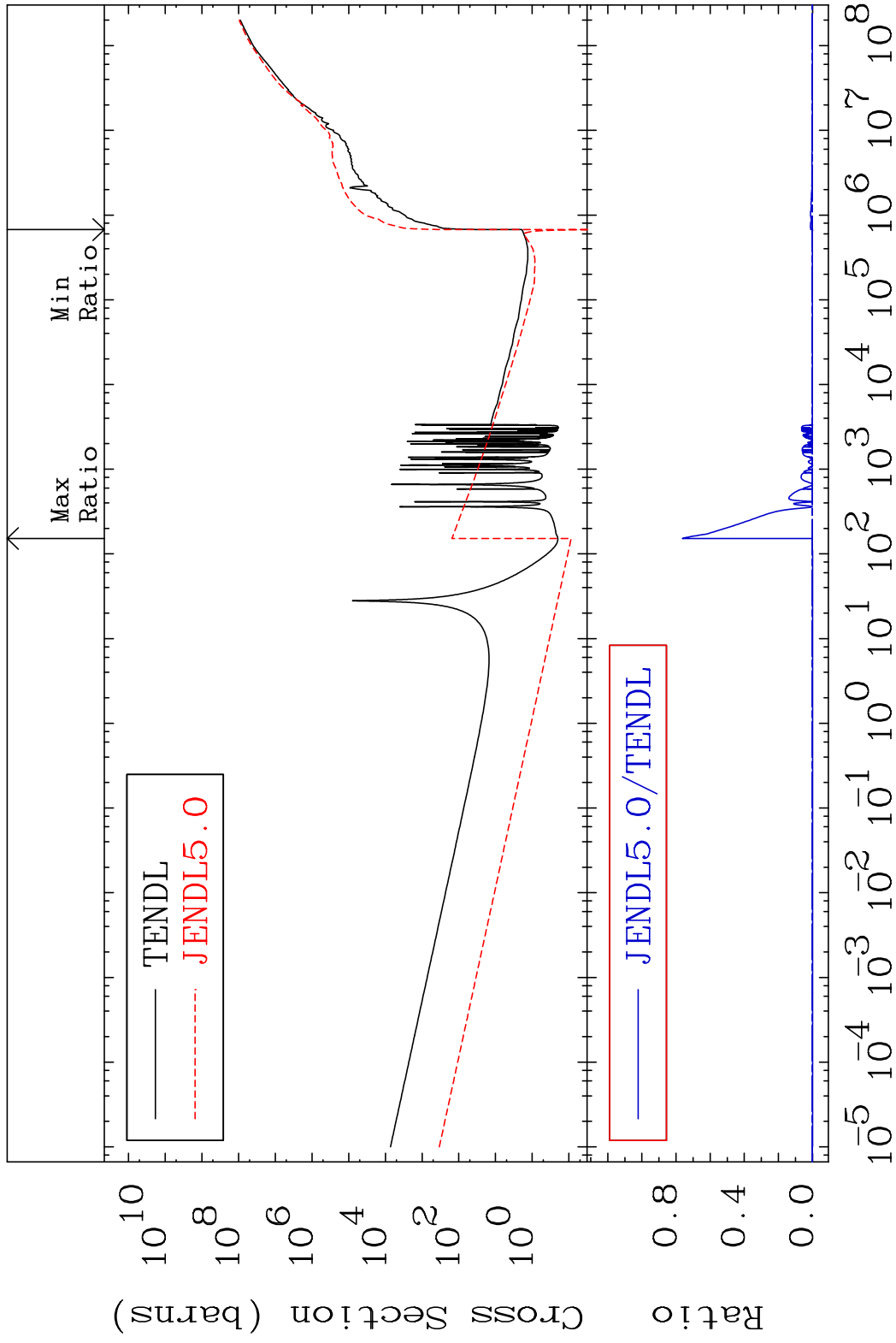


55

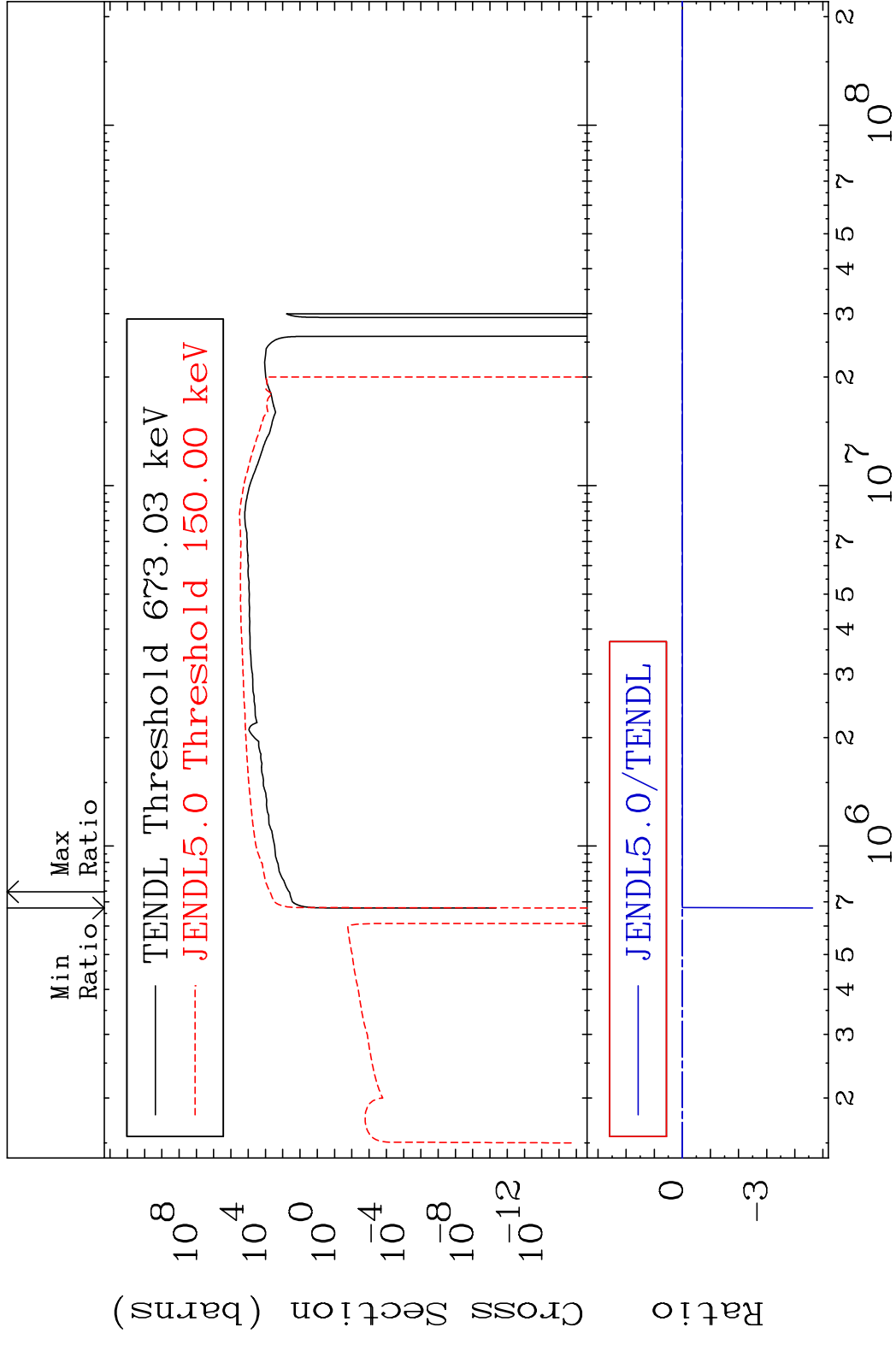
Incident Energy (eV)

83-Bi-207

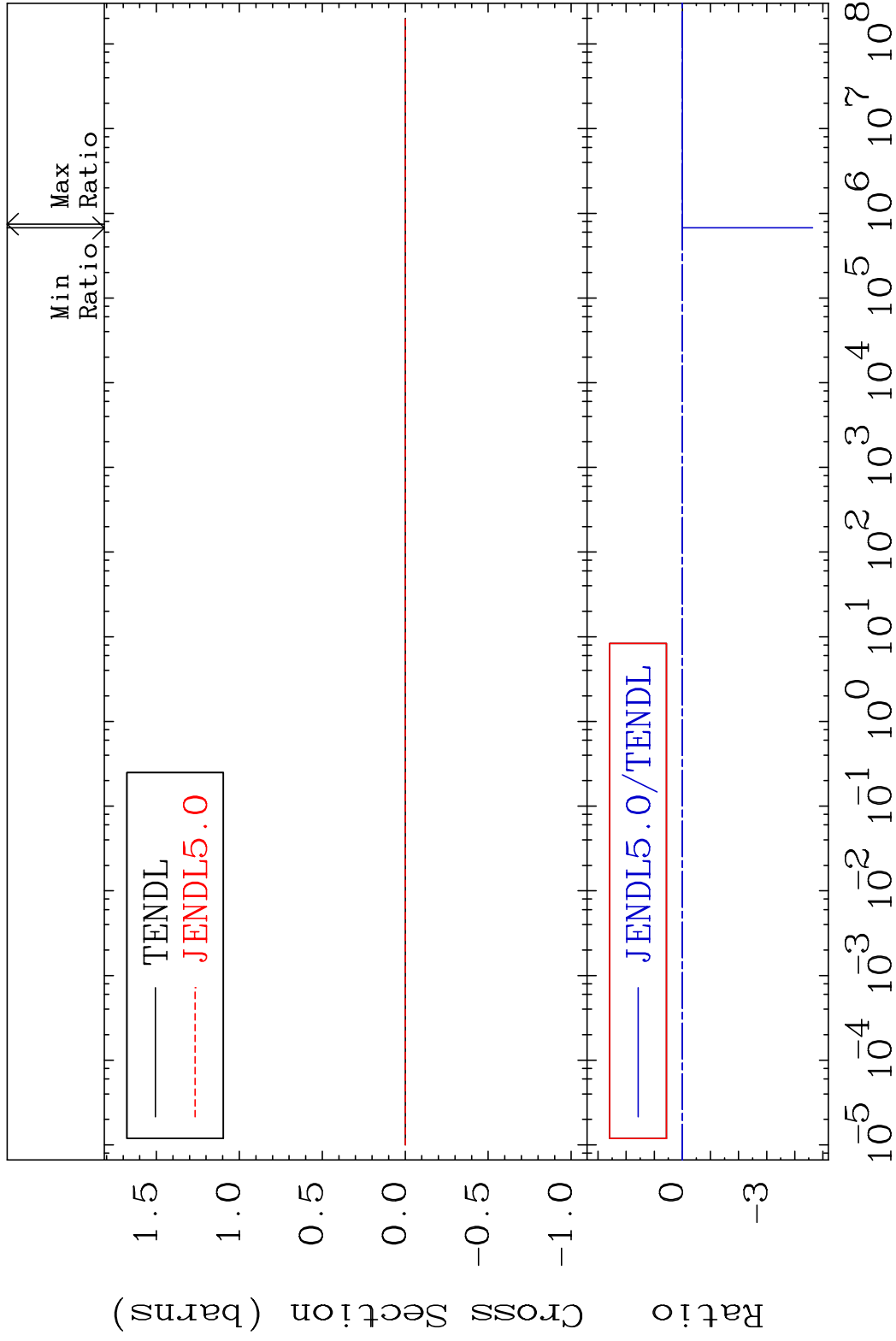
MAT 8319 Kerma non-elastic (all but mt2) 83-Bi-207
 Cross Section -103.9 To 9999. %



MAT 8319 Kerma inelastic (mt51-91) 83-Bi-207
 Cross Section -9999. To 1209. %

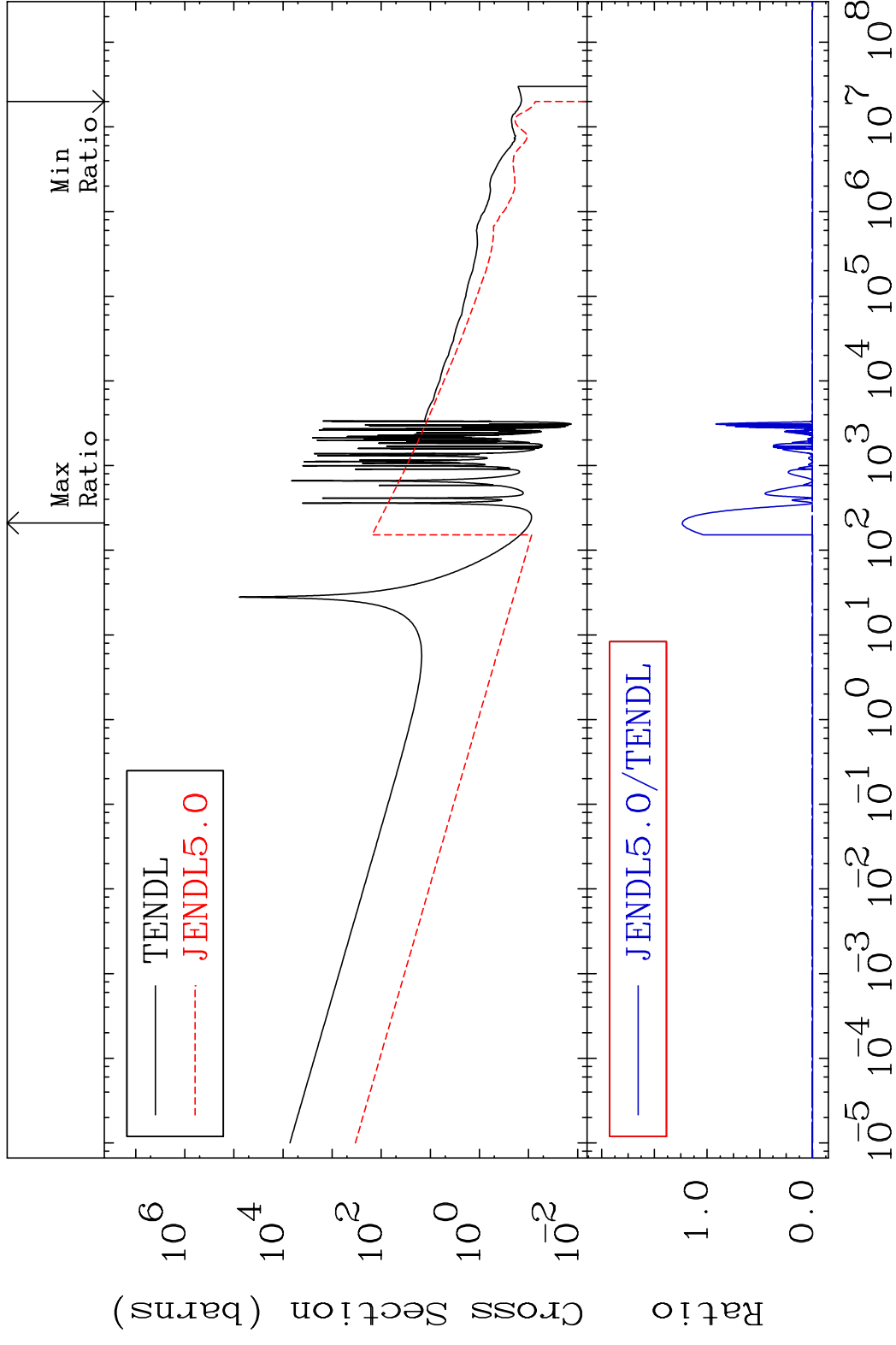


MAT 8319 Kerma fission (mt18 or mt19-20-21-38) β 3-Bi-207
 Cross Section -9999. To 1209. %



MAT 8319

Kerma capture (mt102) 83-Bi-207
Cross Section -100.0 To 9999. %

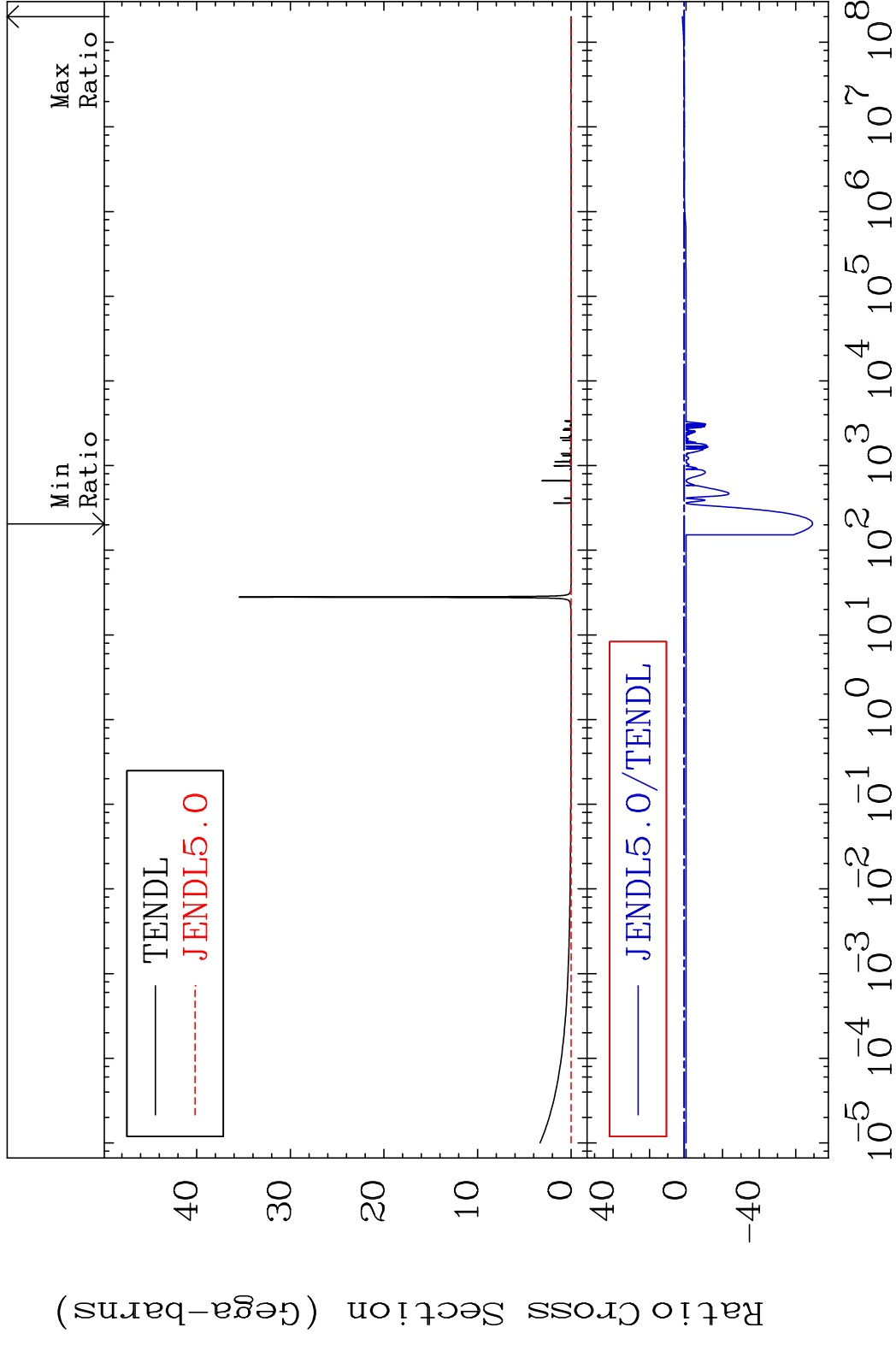


59

Incident Energy (eV)

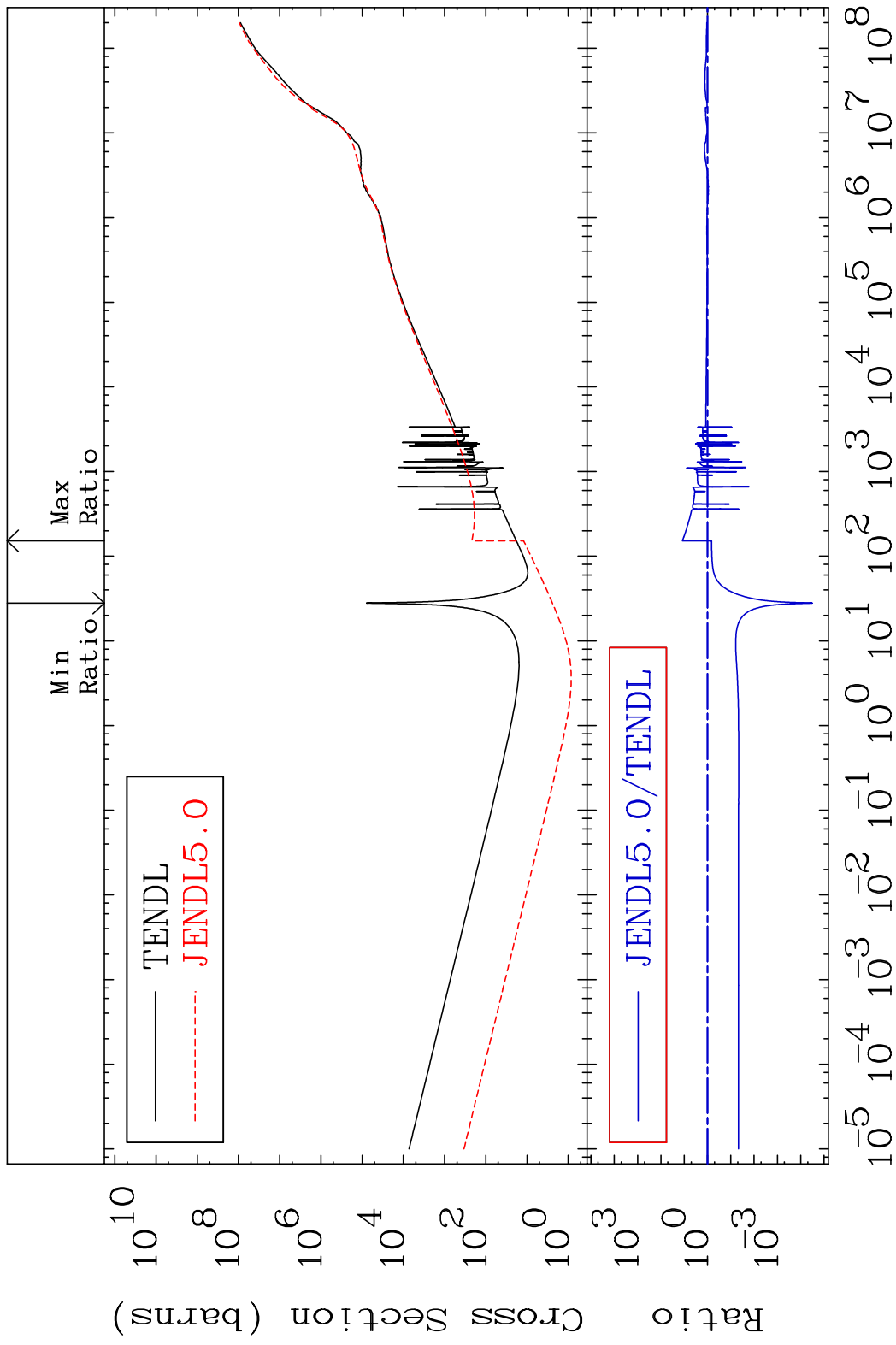
83-Bi-207

MAT 8319 Total photon (eV-barns) 83-Bi-207
 Cross Section -7020. To 103.6 %

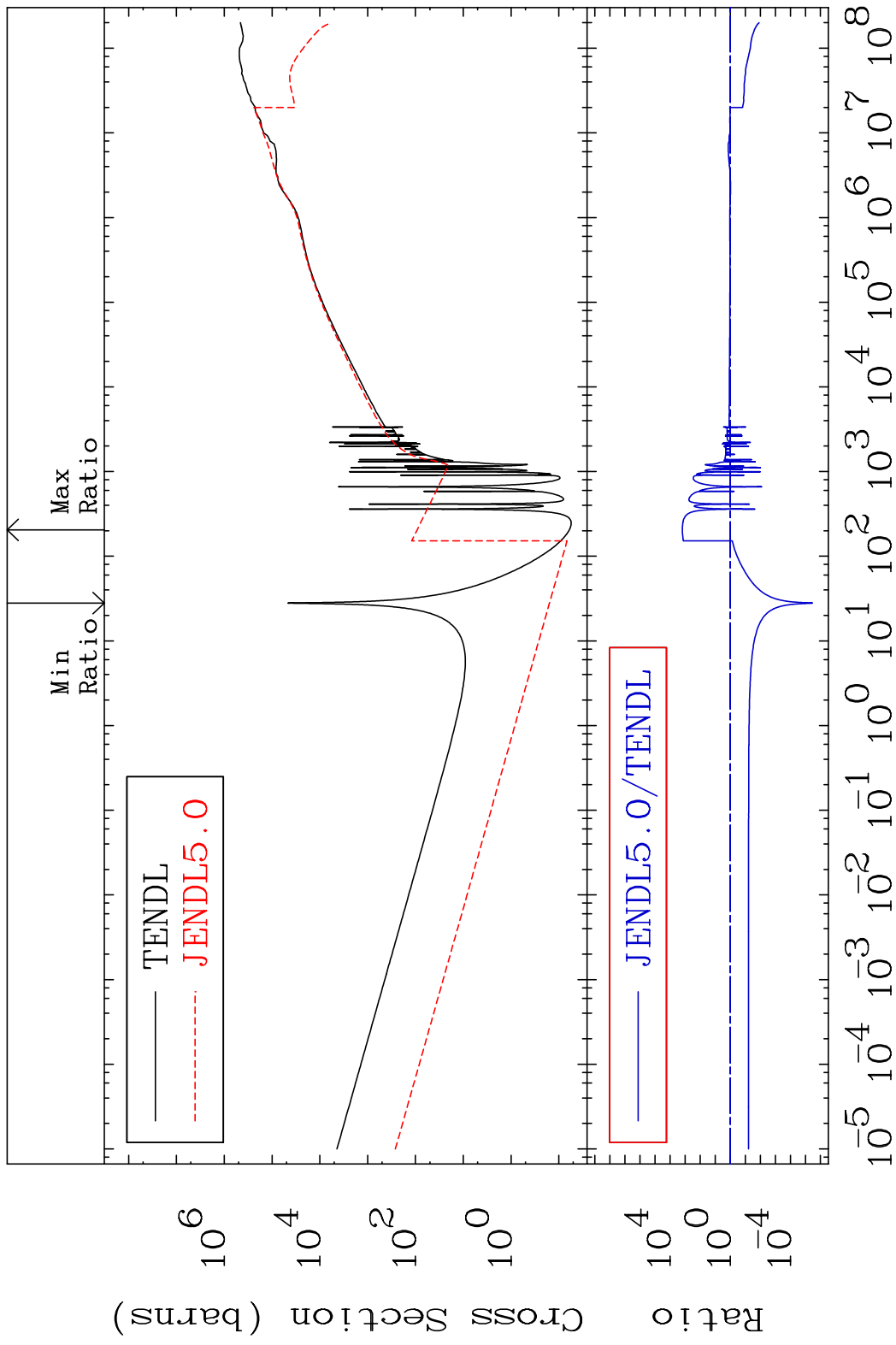


60 Incident Energy (eV) 83-Bi-207

MAT 8319 Total kinematic kerma (high limit) 83-Bi-207
 Cross Section -100.0 To 1099. %



MAT 8319 Dpa total (eV-barns) 83-Bi-207
 Cross Section -100.0 To 9999. %

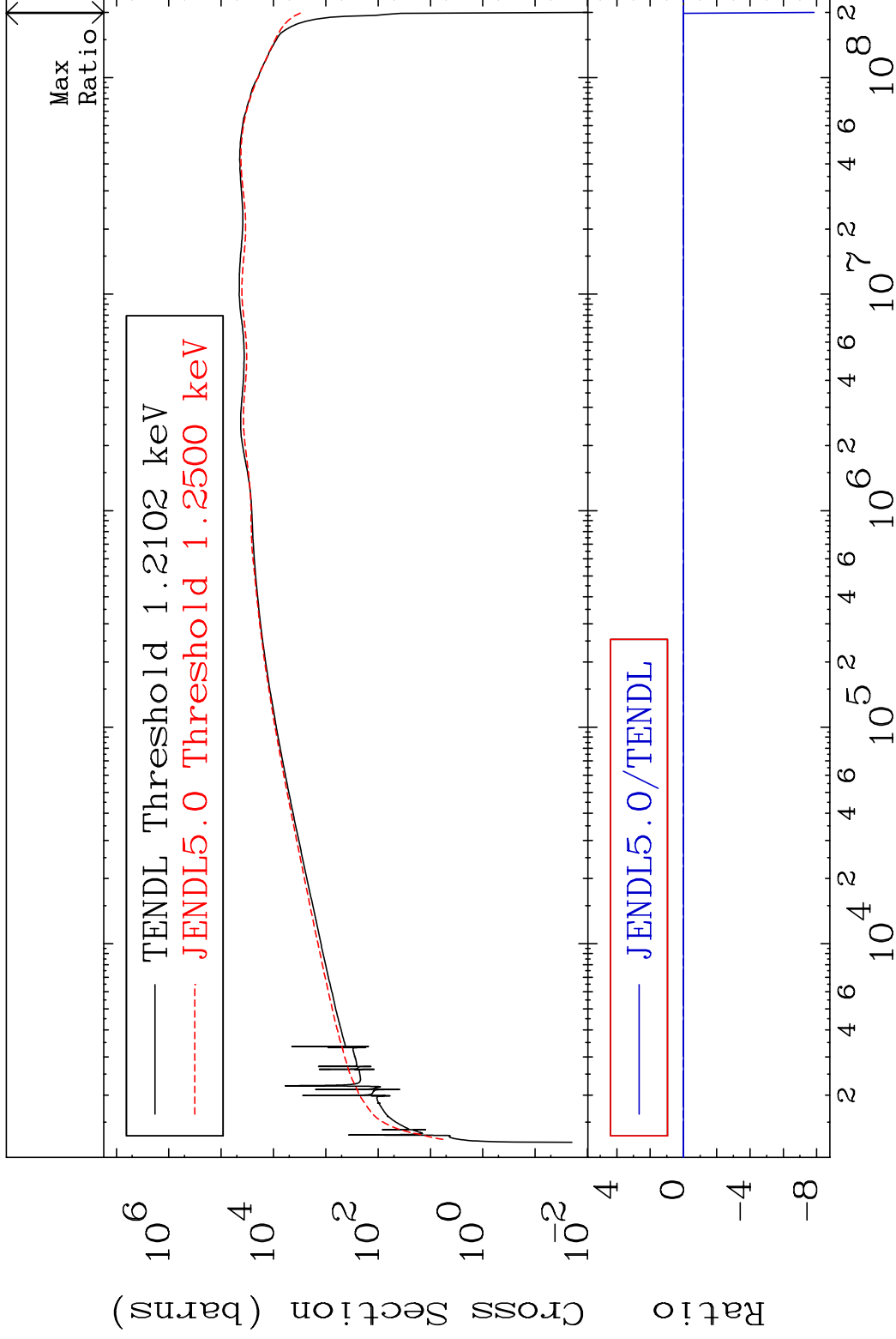


MAT 8319

Dpa elastic (mt2)

83-Bi-207

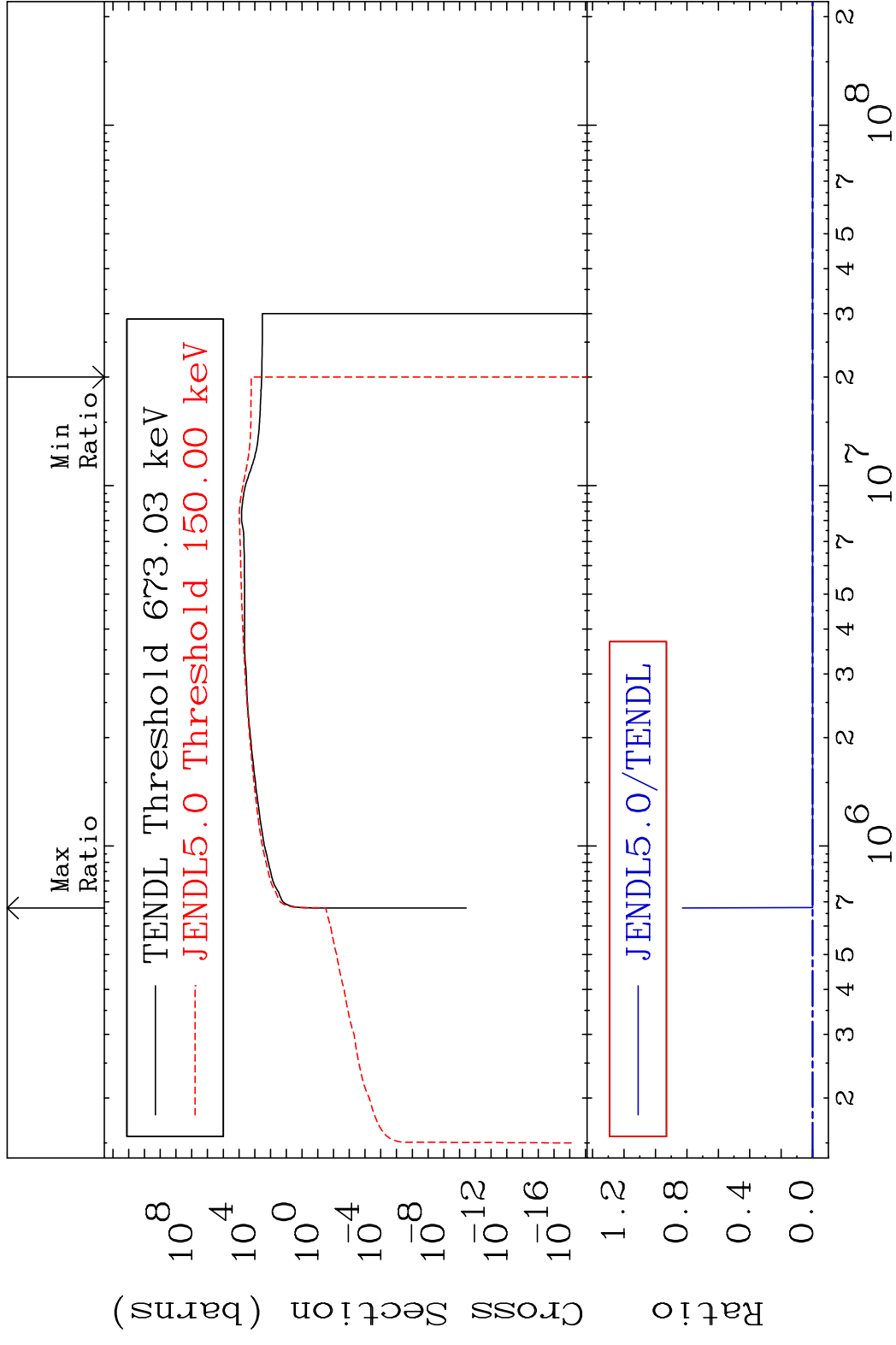
Cross Section -9999. To 8522. %



63

Incident Energy (eV)

83-Bi-207



MAT 8319 Dpa disappearance (mt102 -120) 83-Bi-207
 Cross Section -100.0 To 9999. %

