

Program Complot
(Version 2021-1)

by

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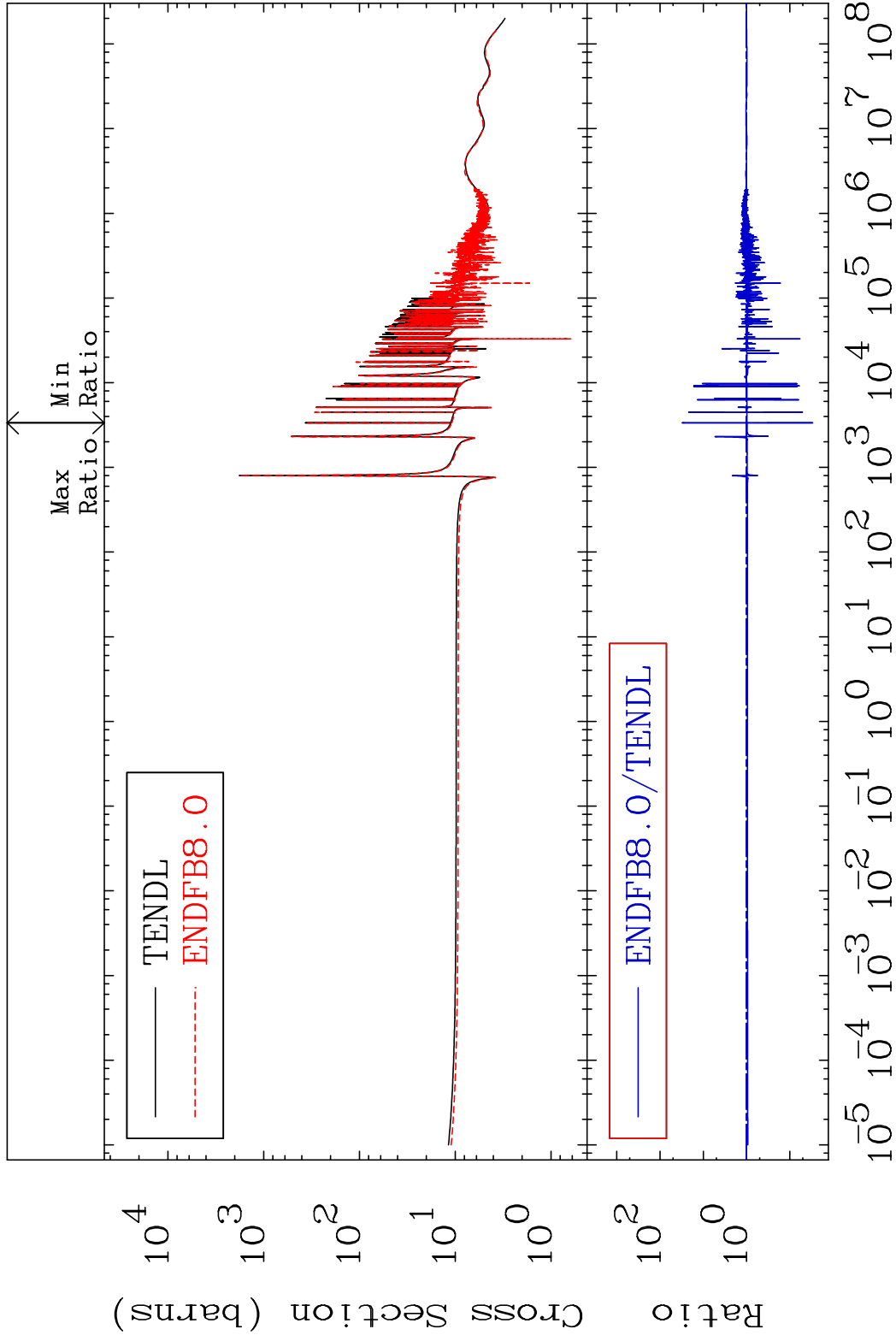
Press Mouse Button to Start

MAT 8325

Total

83-Bi-209

Cross Section -97.01 To 2948. %



1

Incident Energy (eV)

83-Bi-209

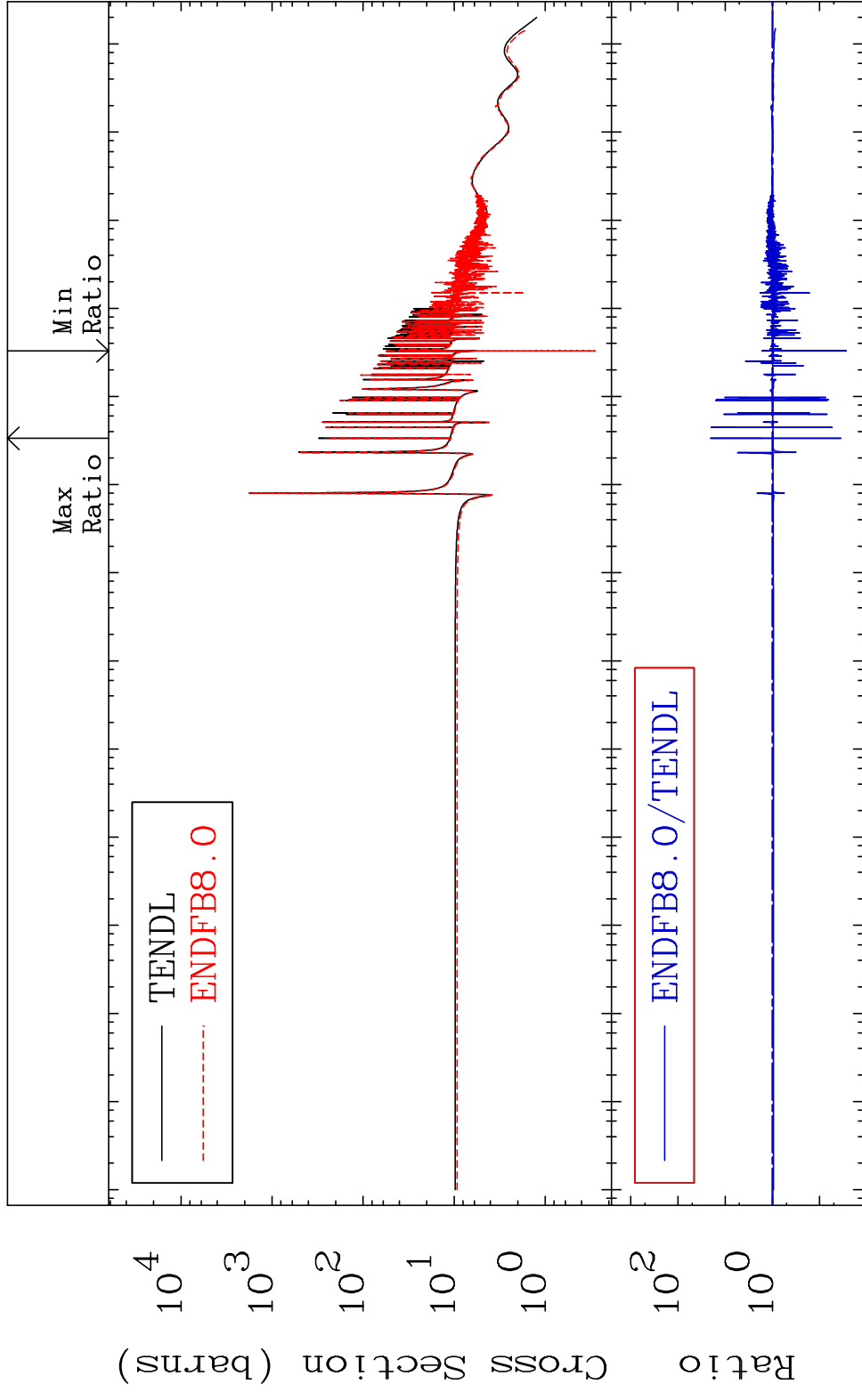
MAT 8325

Elastic

83-Bi-209

Cross Section

-97.27 To 1921. %



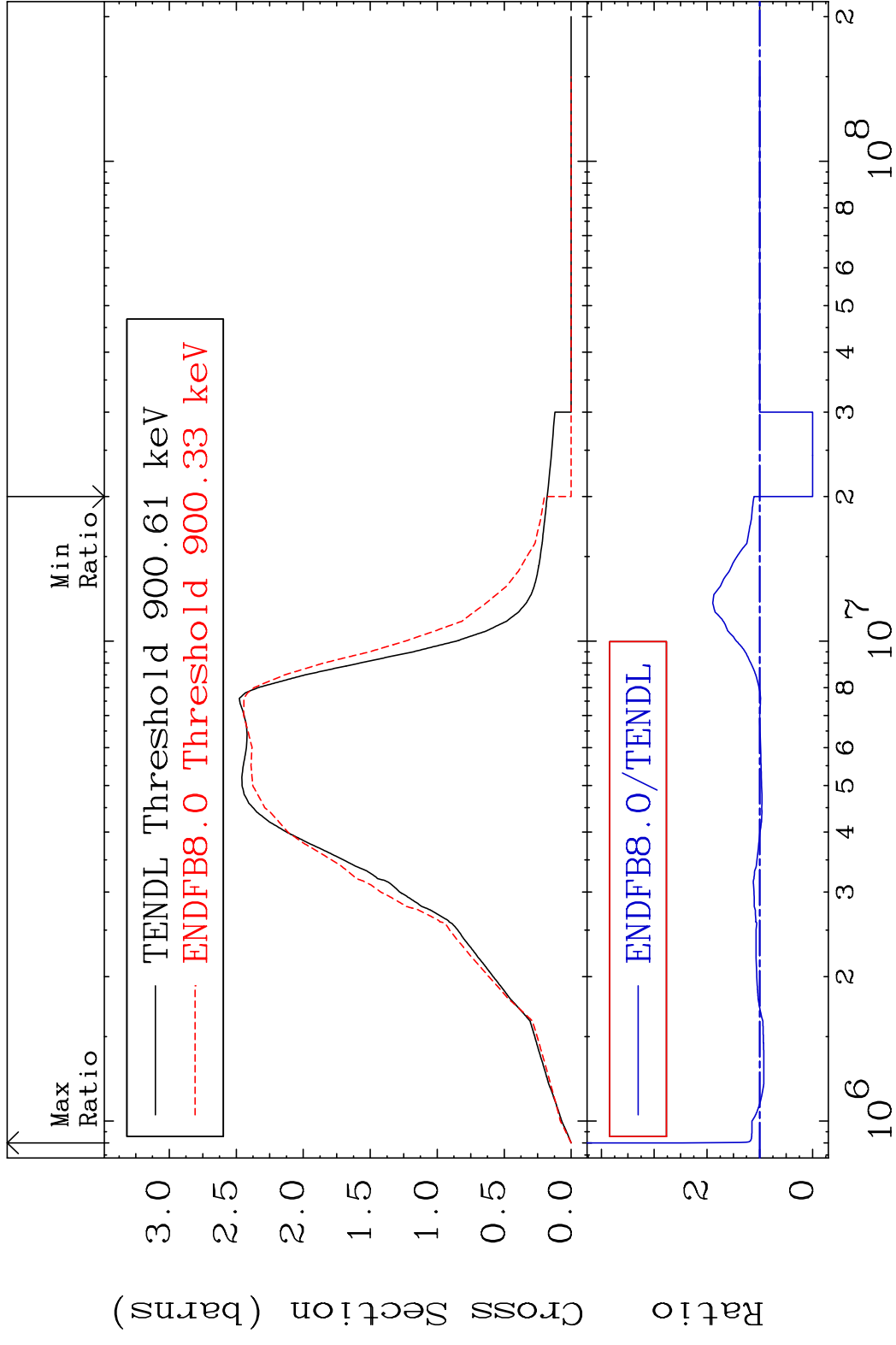
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

83-Bi-209

MAT 8325 Inelastic 83-Bi-209
 Cross Section -100.0 To 146.7 %



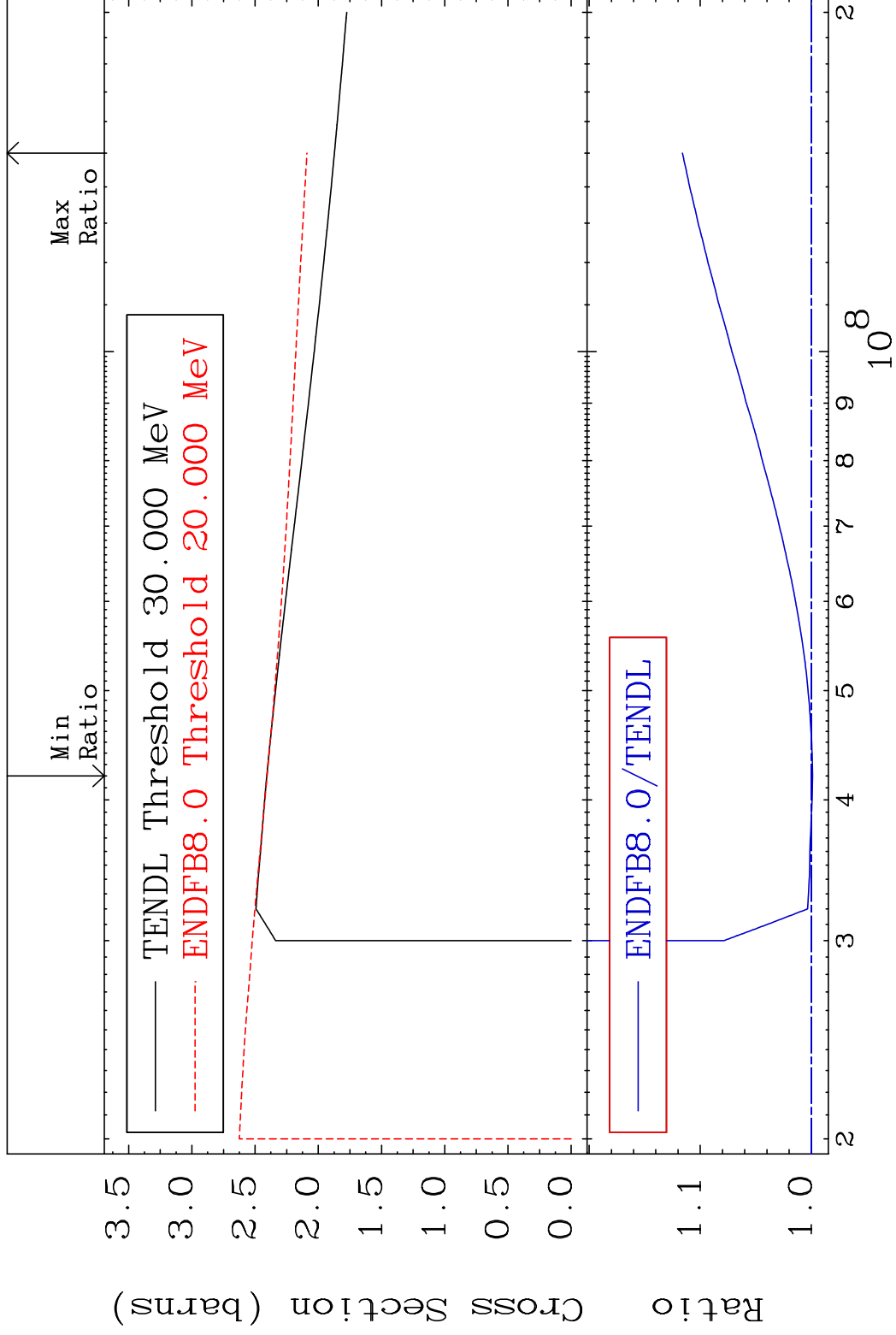
3 Incident Energy (eV) 83-Bi-209

MAT 8325

(n, remainder)

83-Bi-209

Cross Section -0.110 To 11.61 %

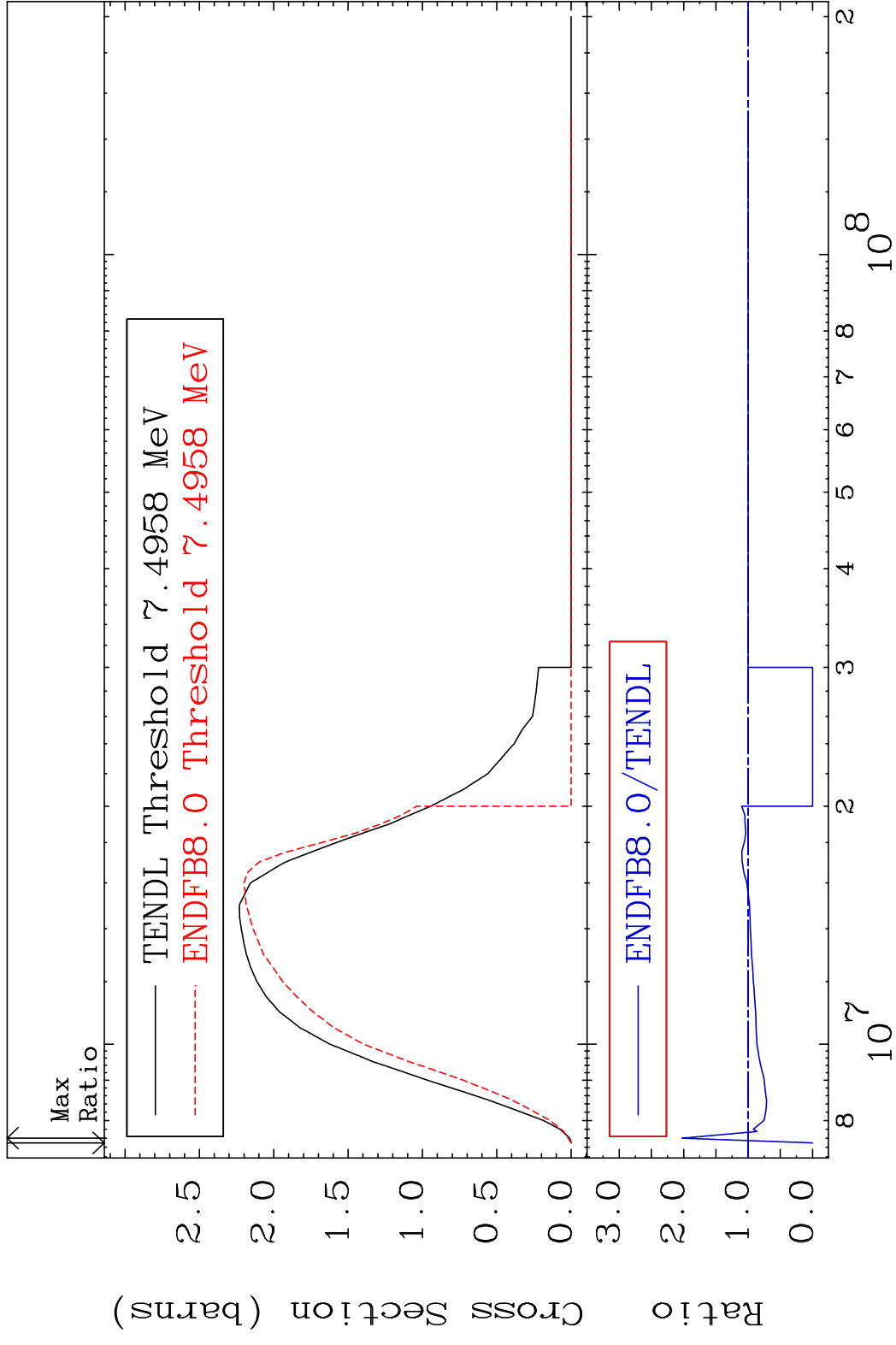


4

Incident Energy (eV)

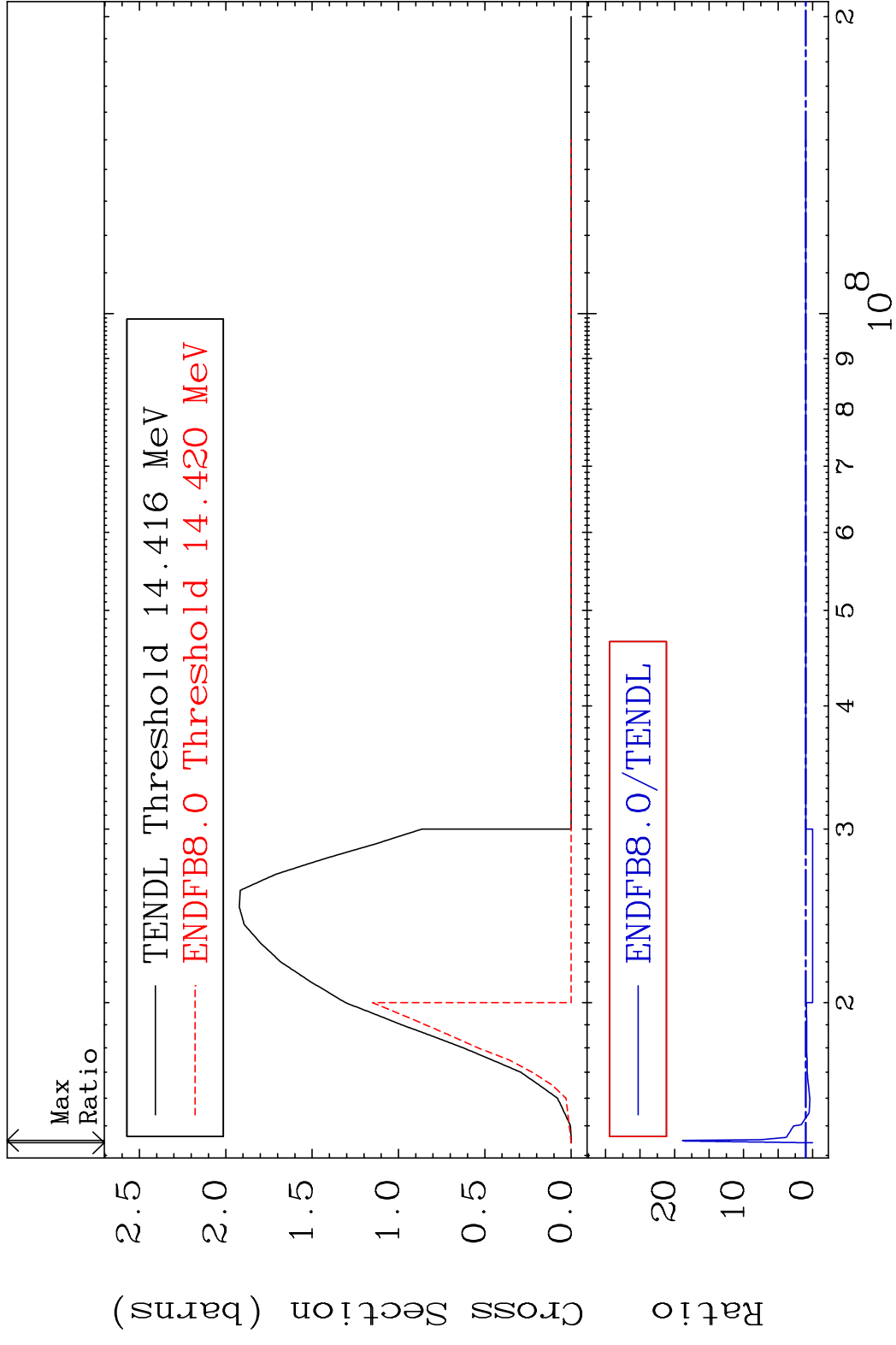
83-Bi-209

MAT 8325 (n,2n) 83-Bi-209
 Cross Section -100.0 To 102.0 %



5 Incident Energy (eV) 83-Bi-209

MAT 8325 (n,3n) 83-Bi-209
 Cross Section -100.0 To 1787. %

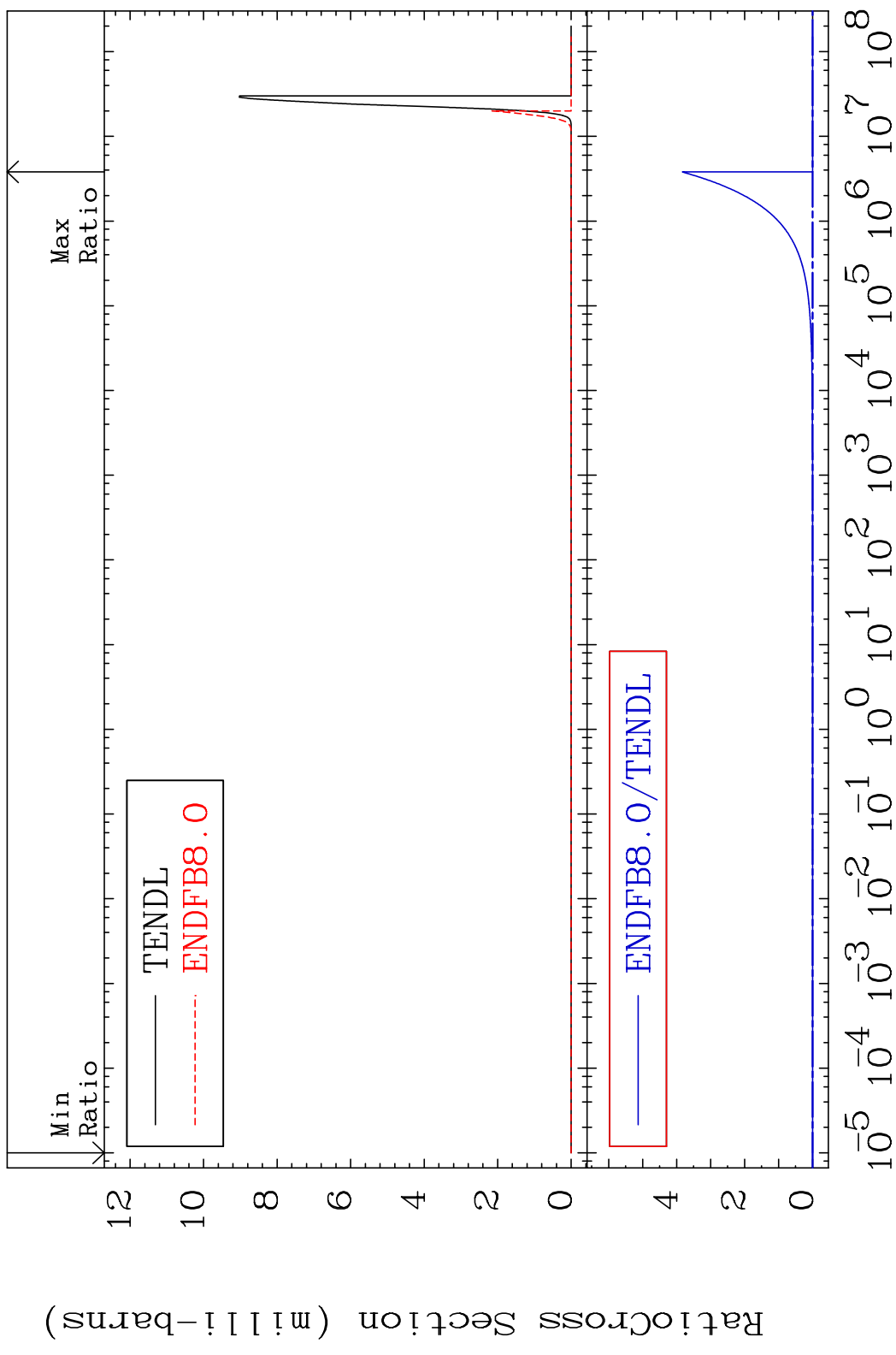


MAT 8325

(n, n') α

83-Bi-209

Cross Section -100.0 To 9999. %

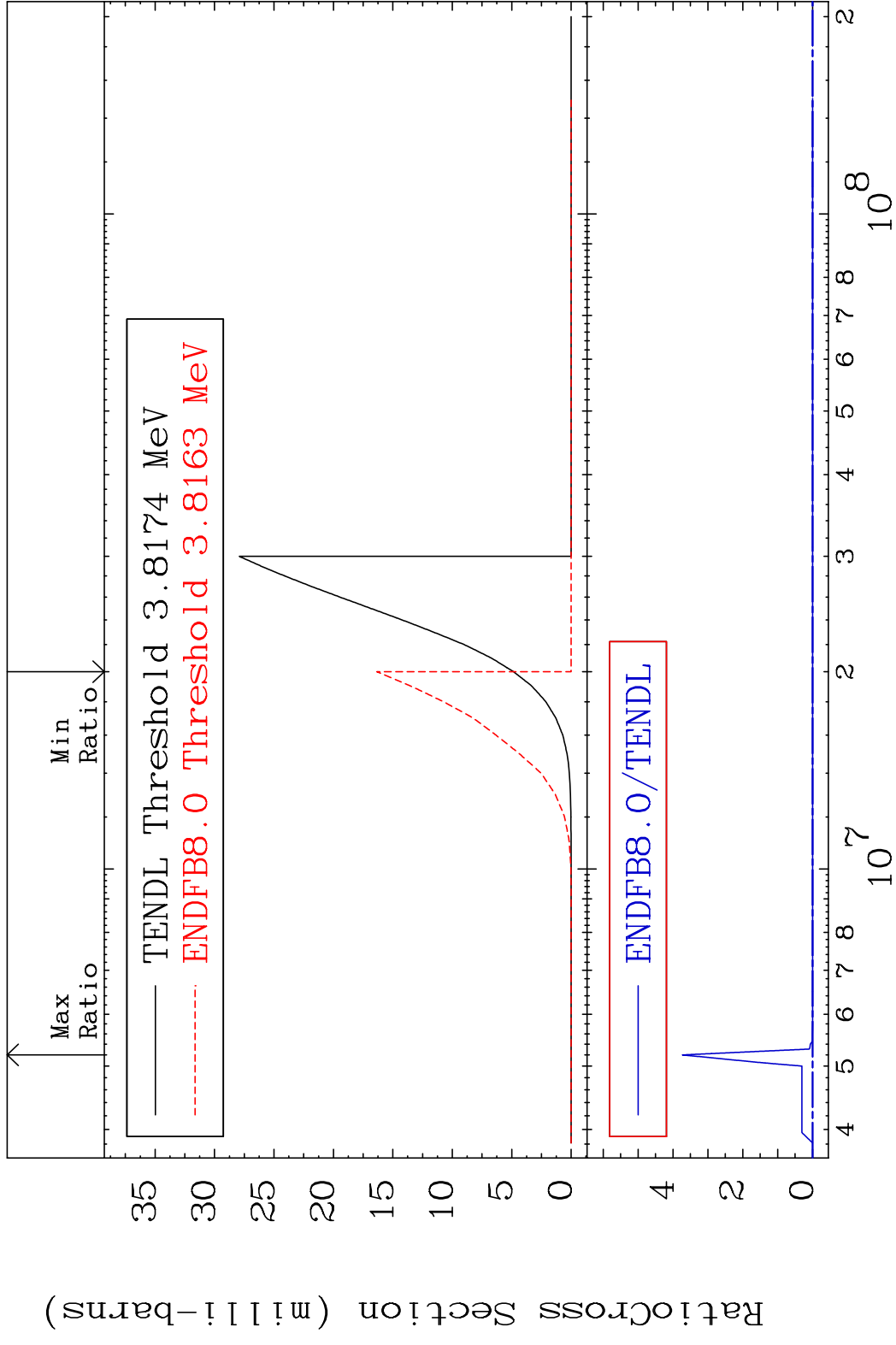


7

Incident Energy (eV)

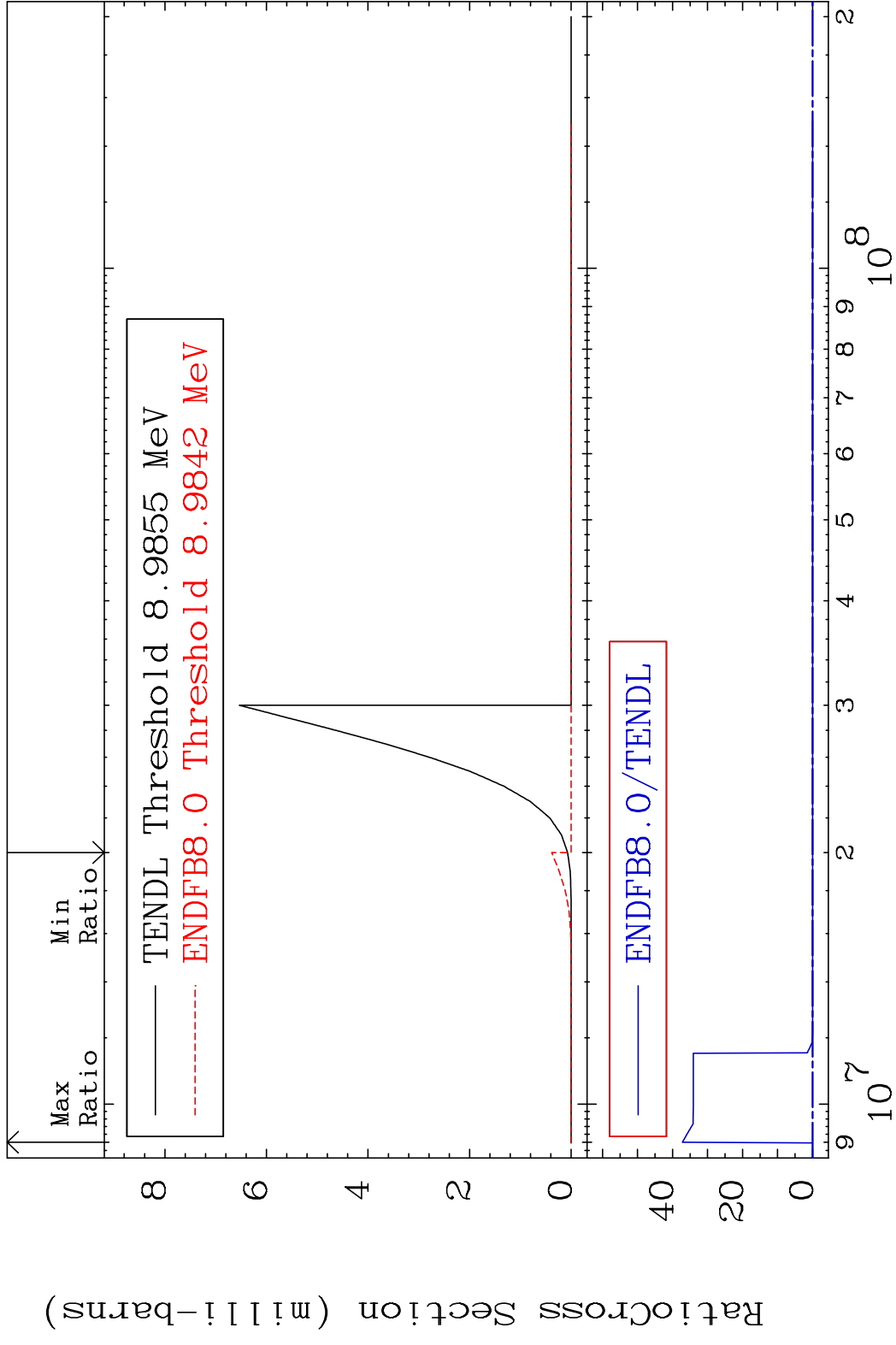
83-Bi-209

MAT 8325 (n, n') p 83-Bi-209
 Cross Section -100.0 To 9999. %



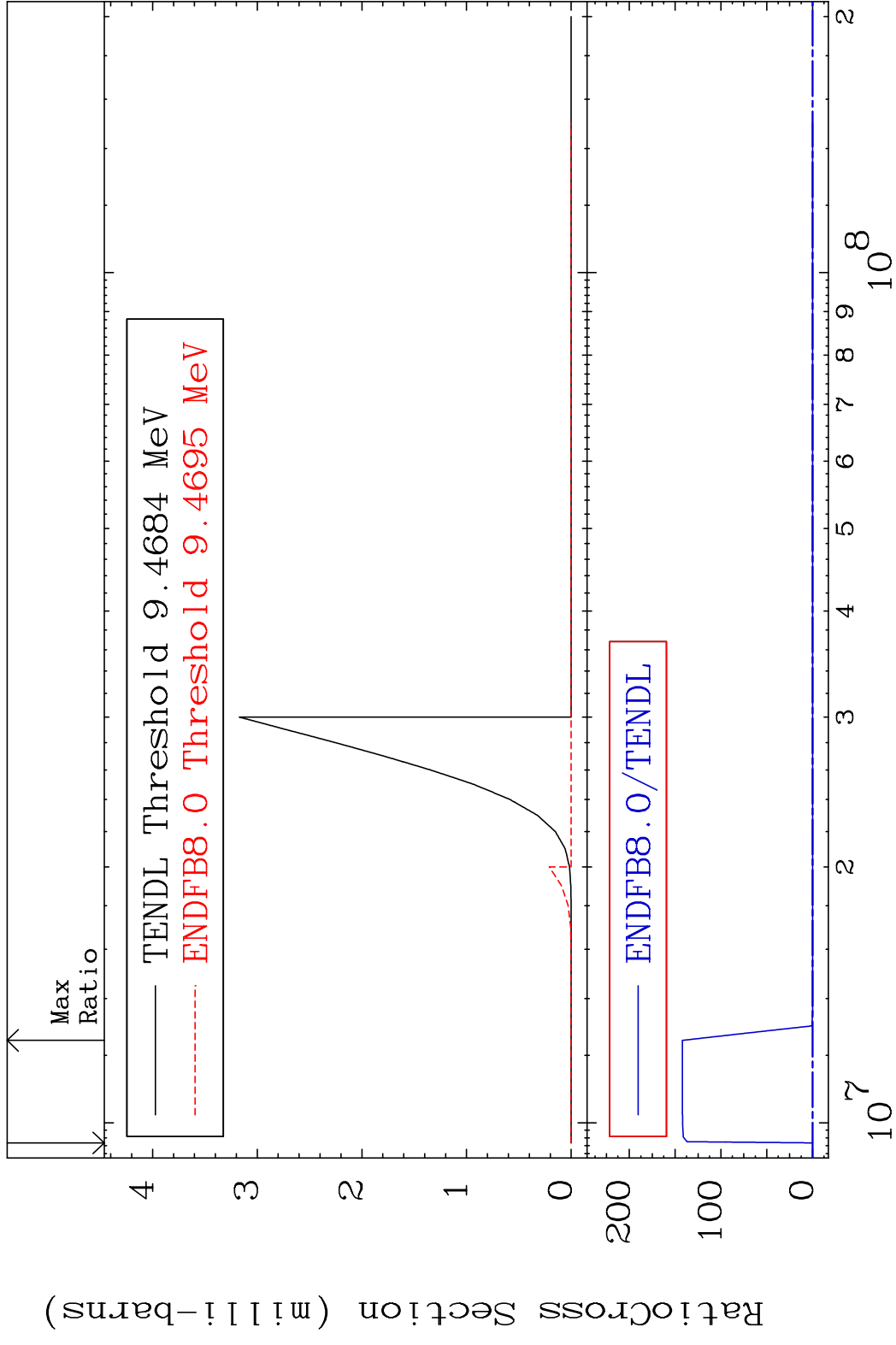
8 Incident Energy (eV) 83-Bi-209

MAT 8325 (n, n') d 83-Bi-209
 Cross Section -100.0 To 9999. %



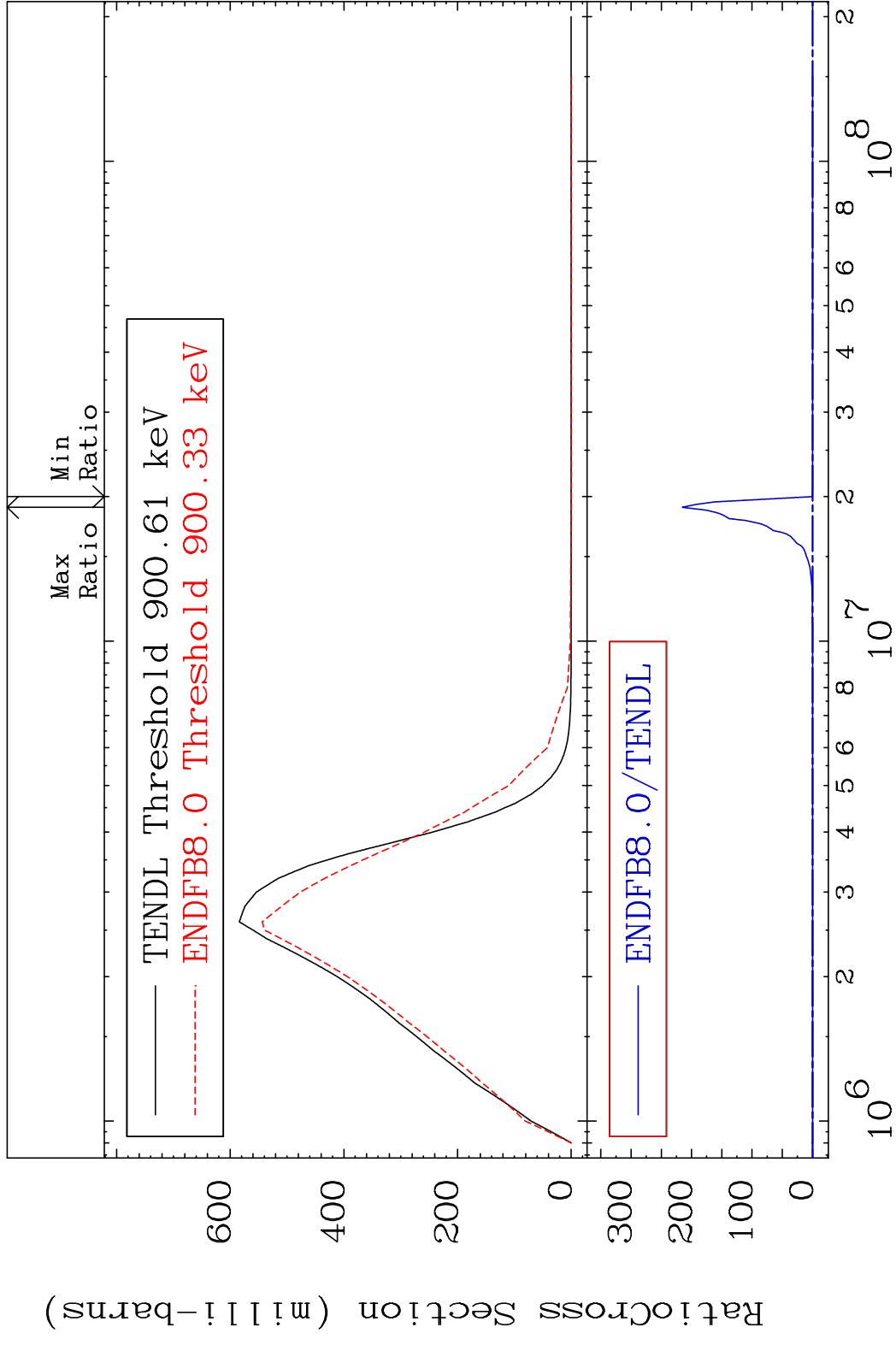
9 83-Bi-209

MAT 8325 (n, n') t 83-Bi-209
 Cross Section -100.0 To 9999. %



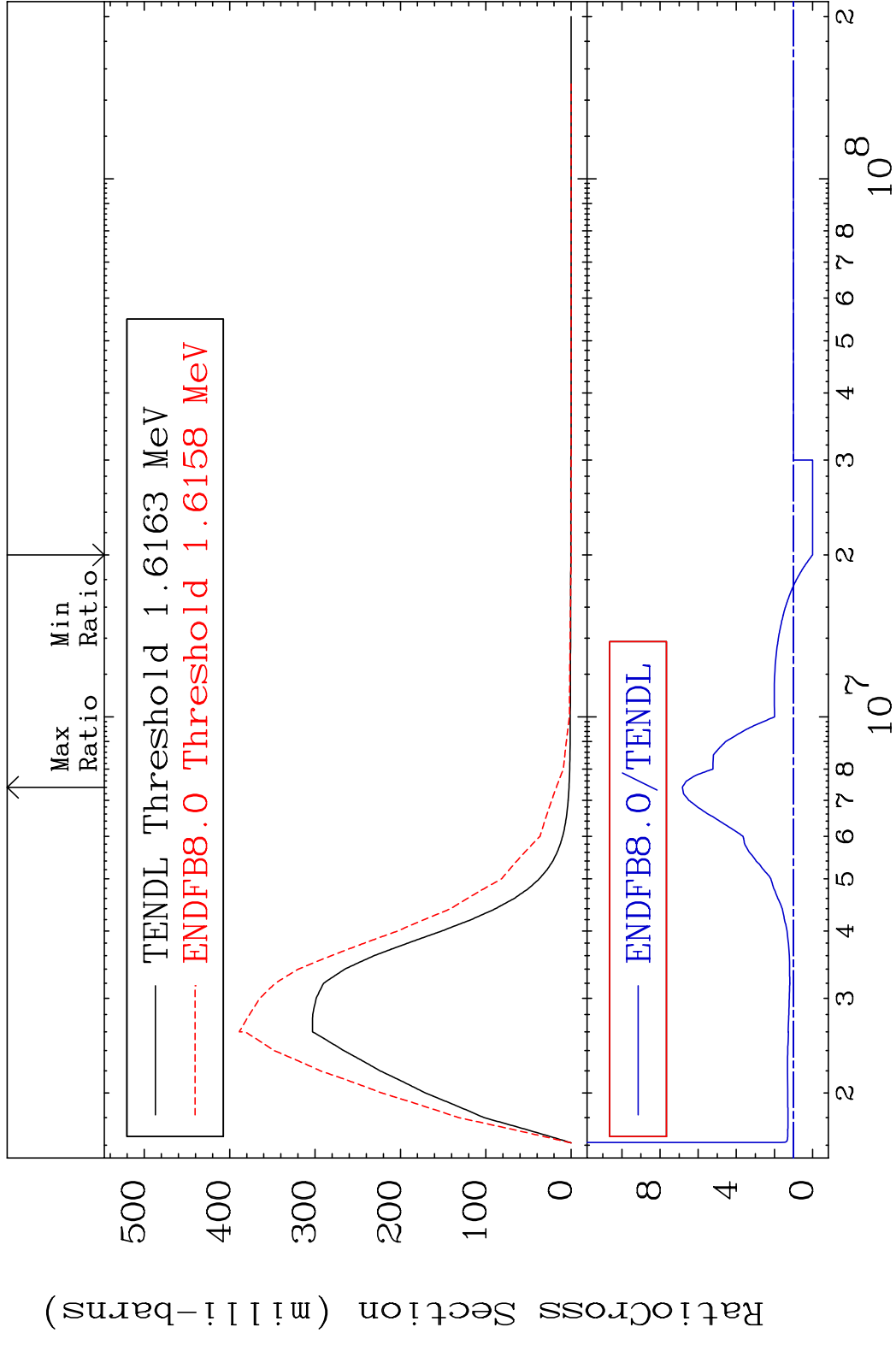
10 200 100 0 10⁷ 2 10⁸ 83-Bi-209

MAT 8325 MT= 51 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %

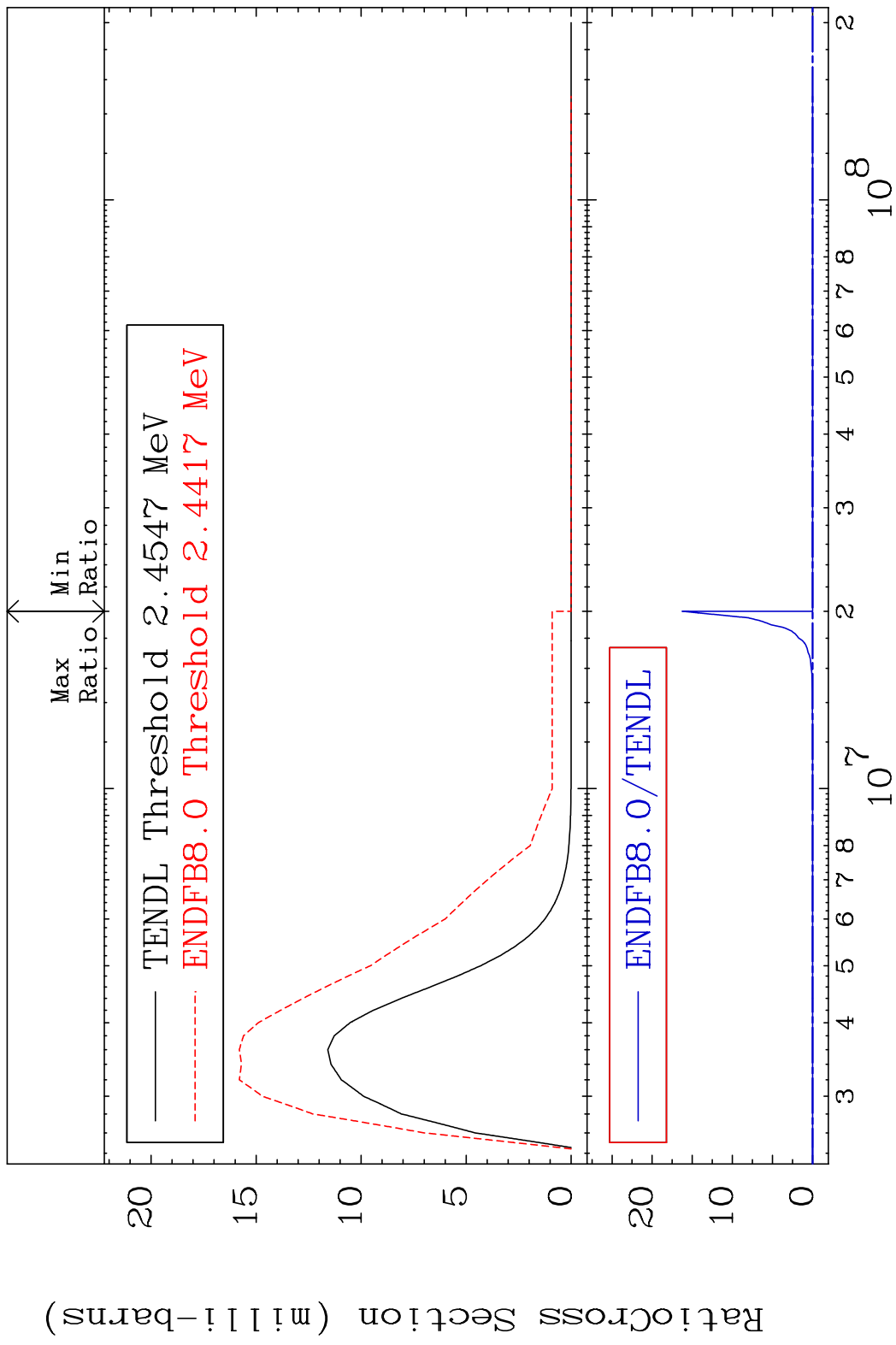


11 Incident Energy (eV) 83-Bi-209

MAT 8325 MT= 52 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 582.9 %

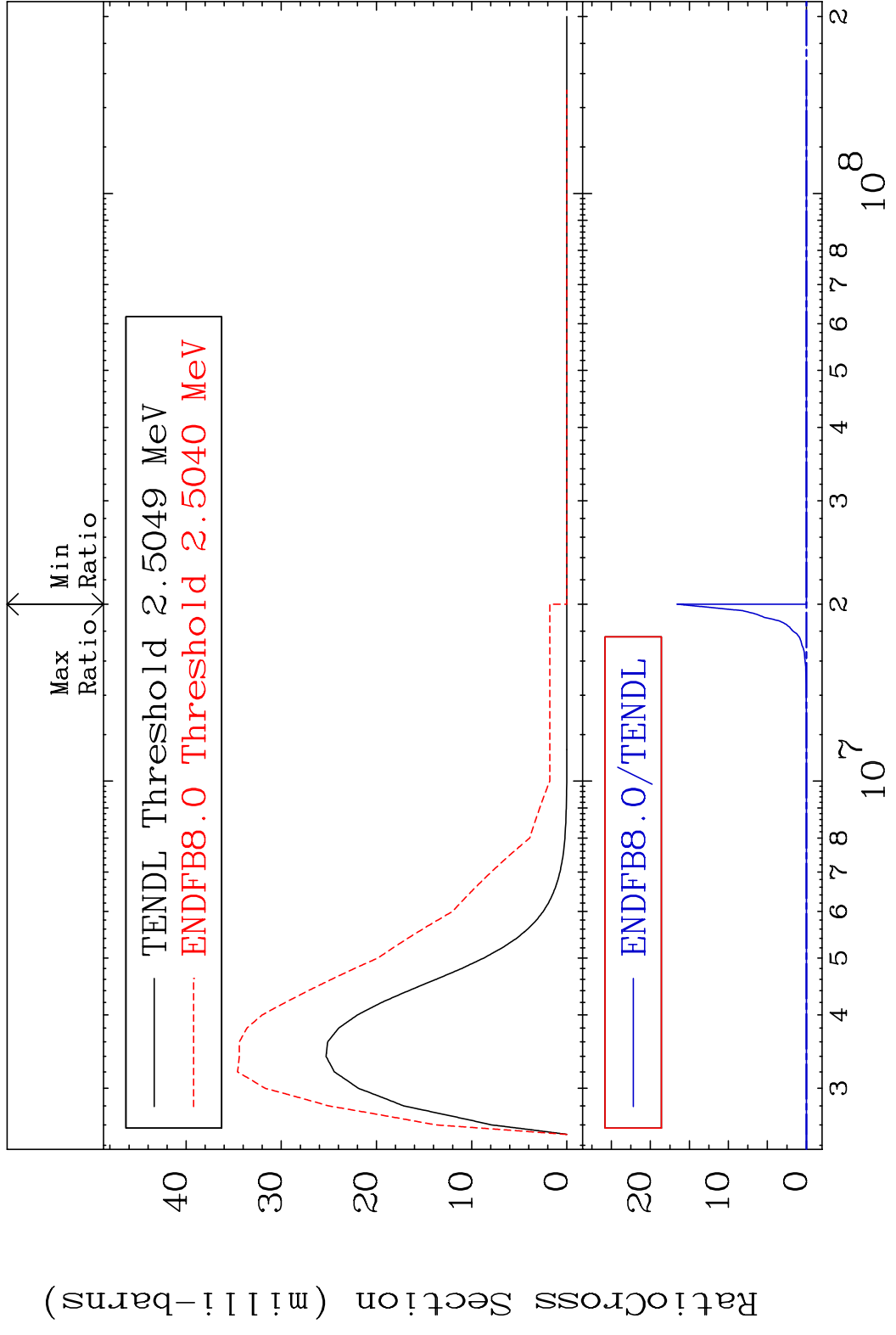


MAT 8325 MT= 53 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %

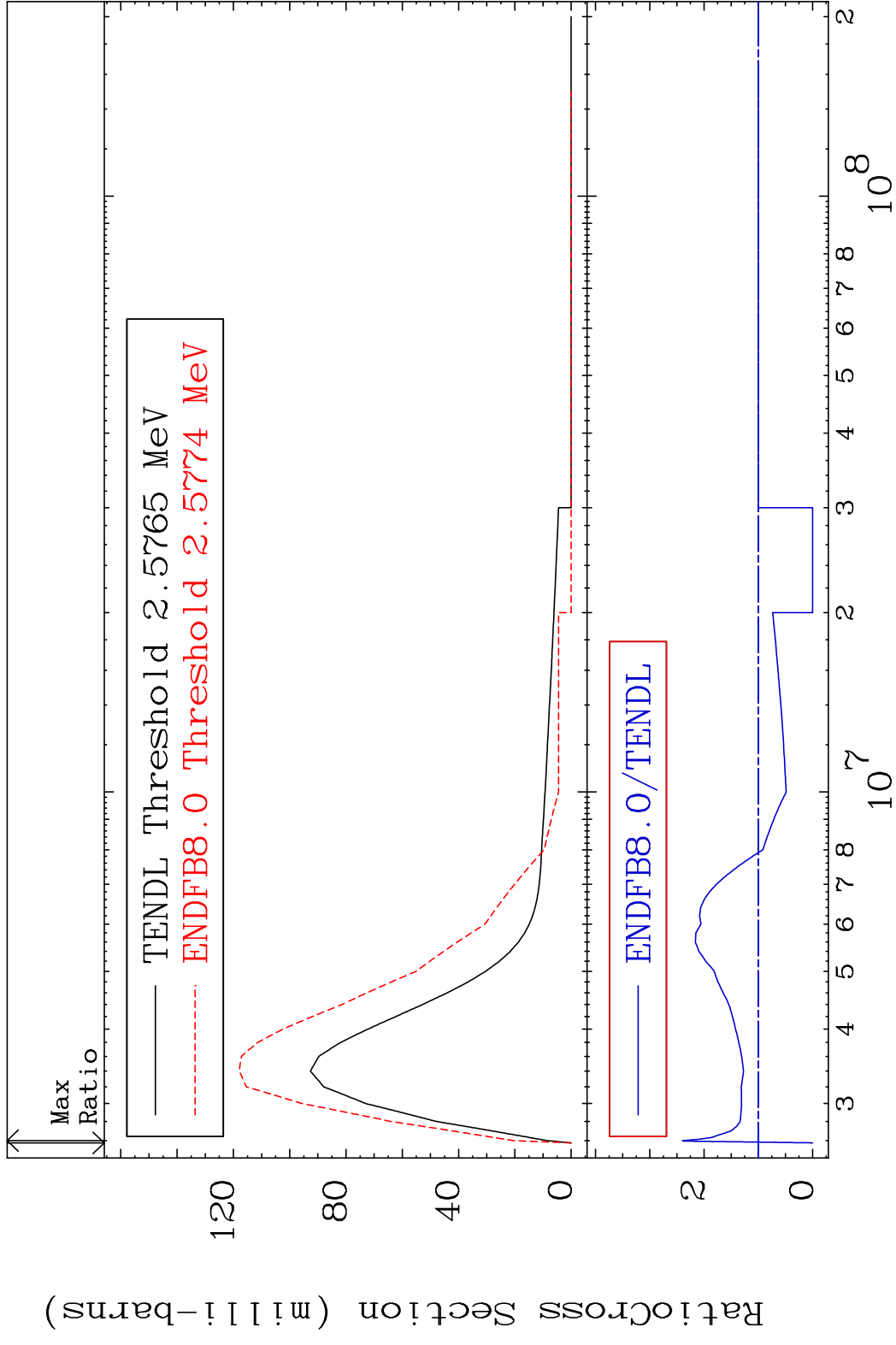


13 83-Bi-209

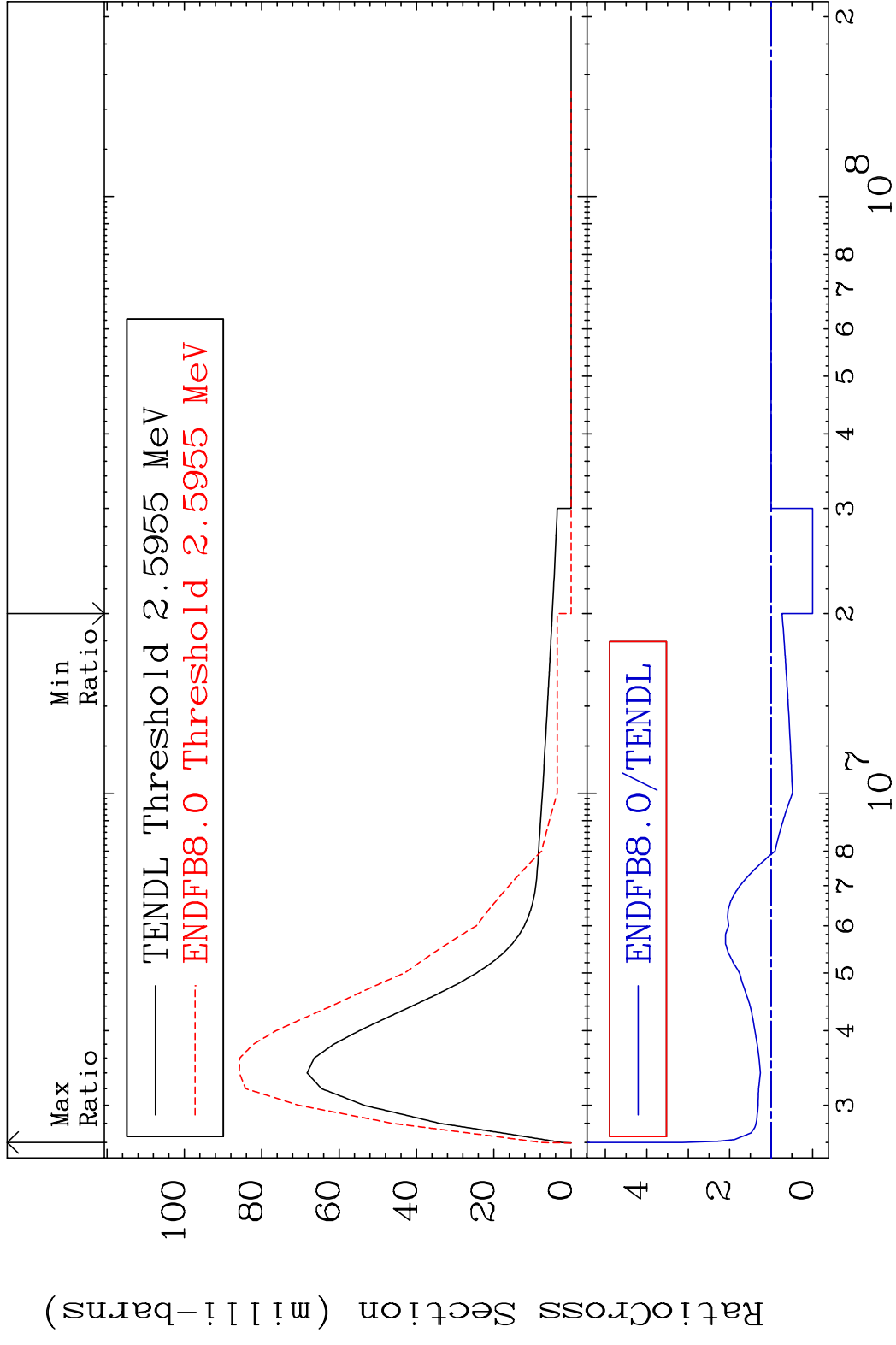
MAT 8325 MT= 54 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



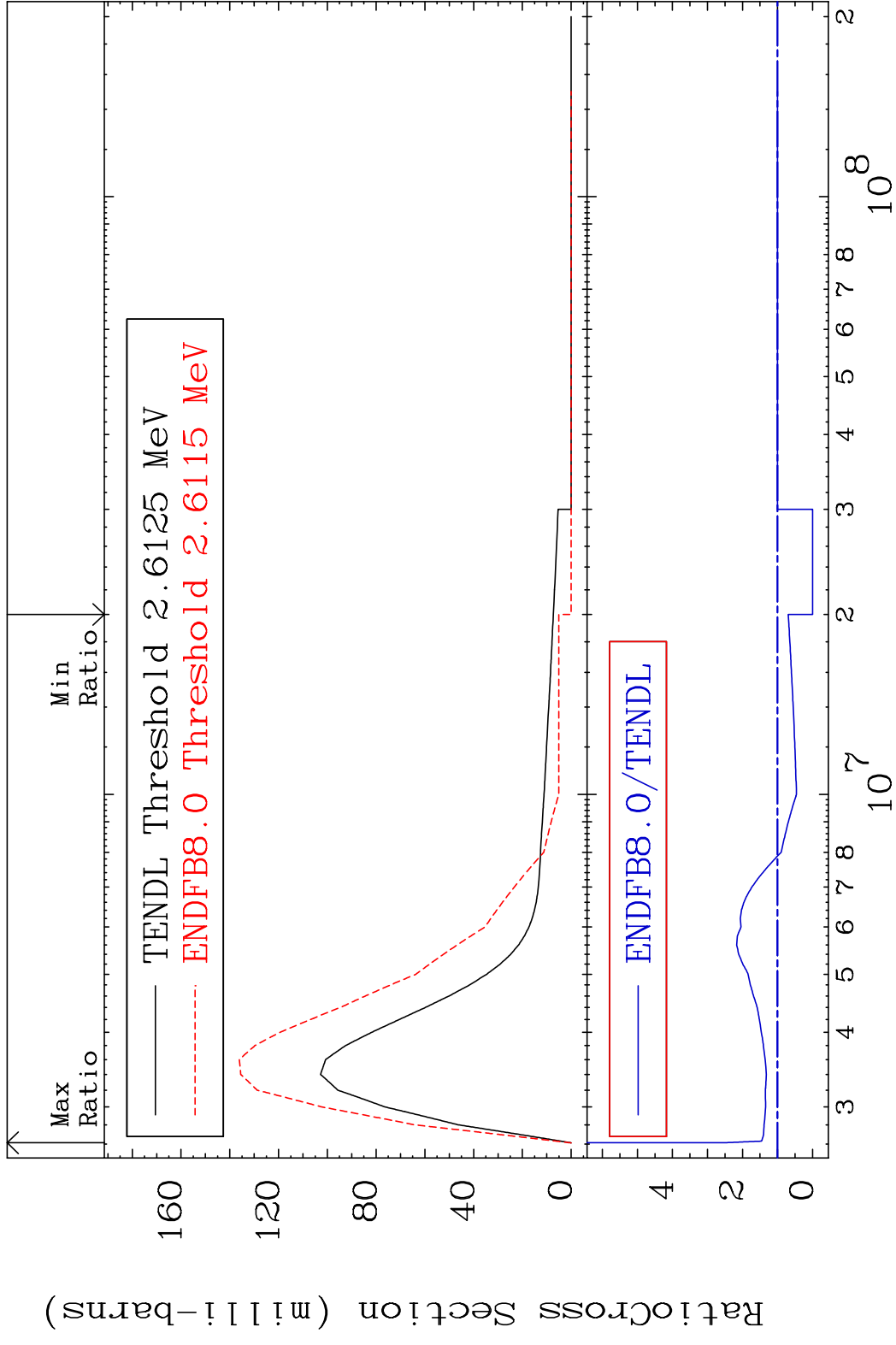
MAT 8325 MT= 55 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 140.0 %



MAT 8325 MT= 56 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 214.3 %

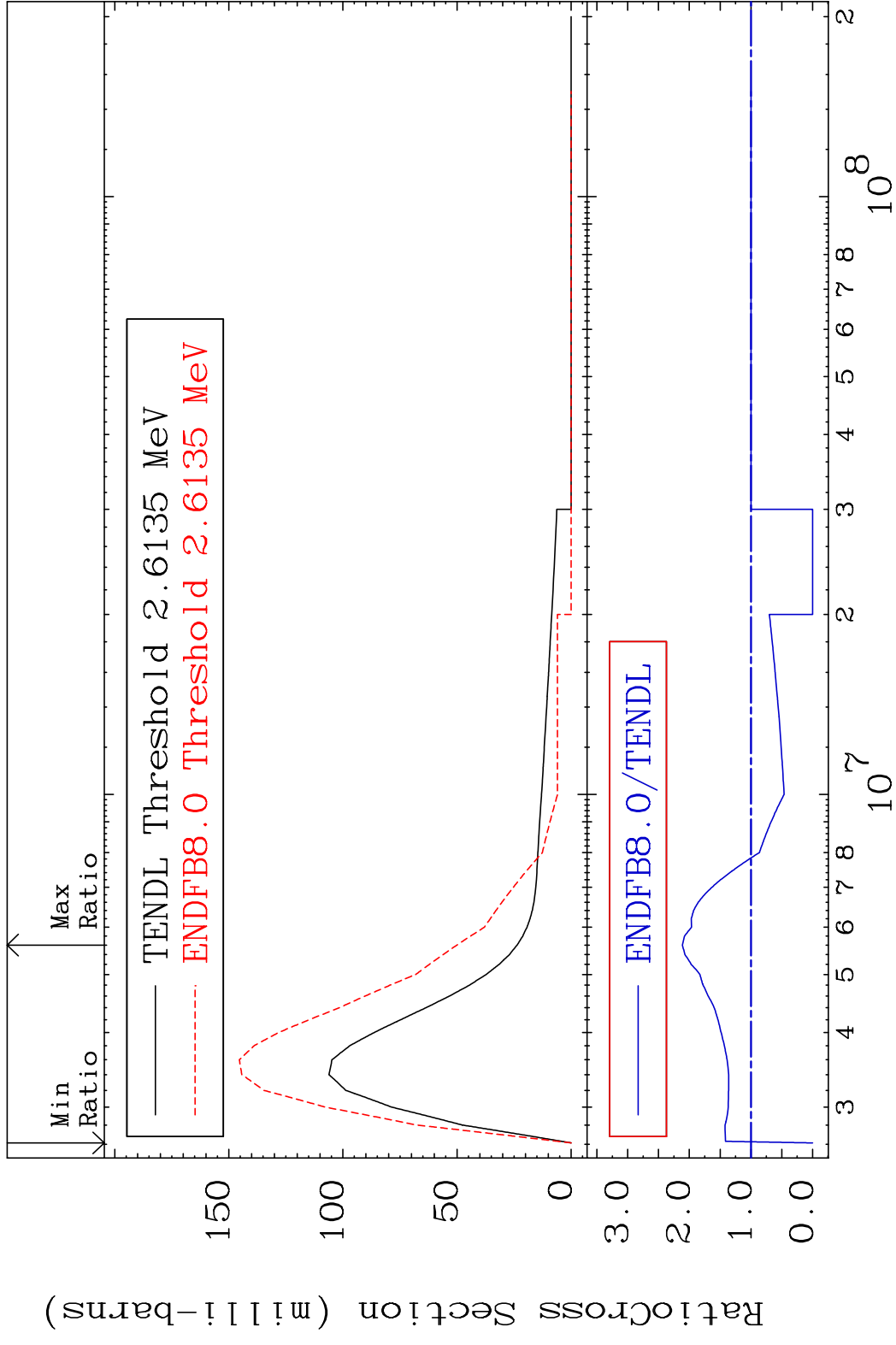


MAT 8325 MT= 57 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 271.7 %

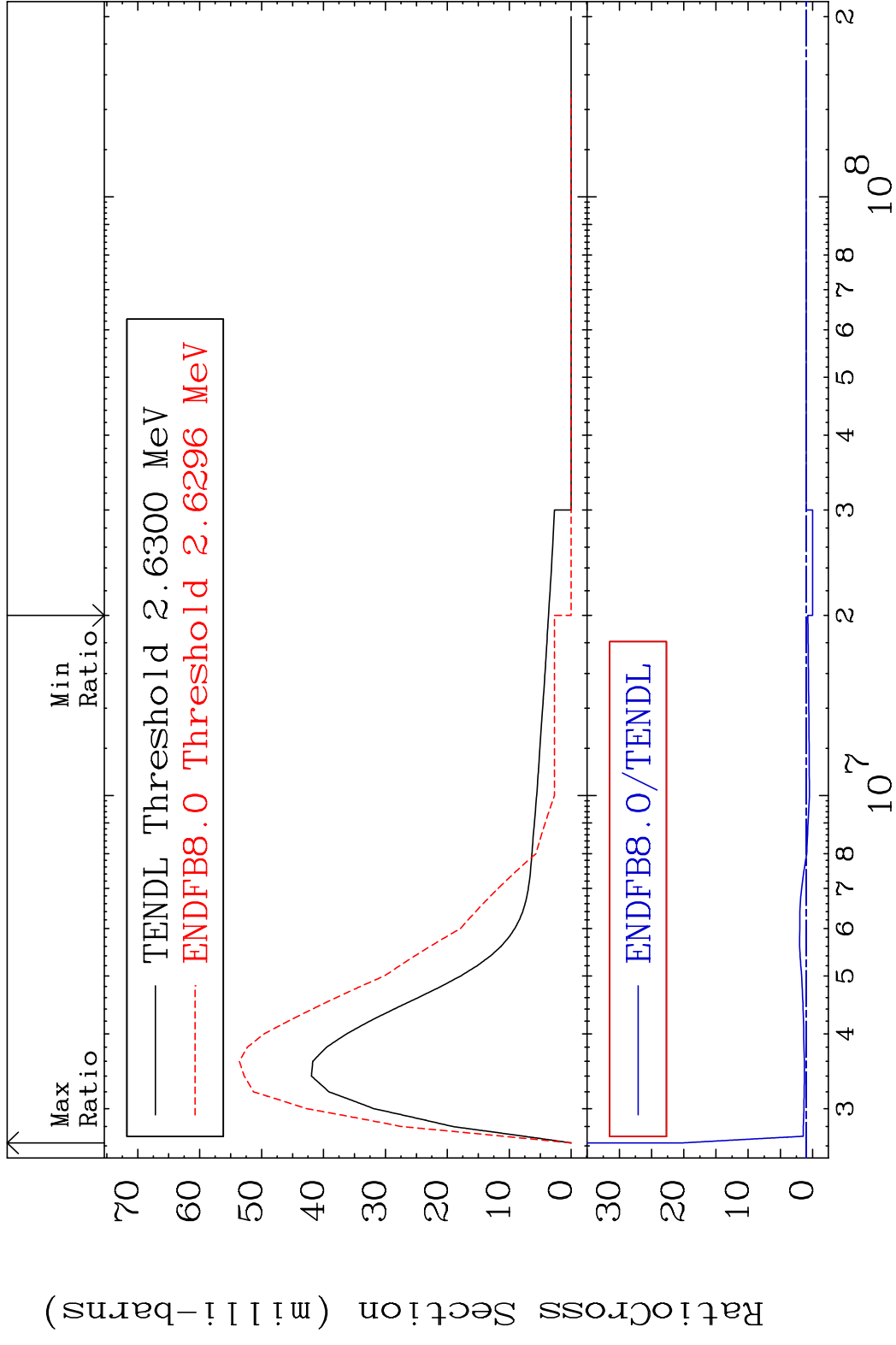


17 83-Bi-209

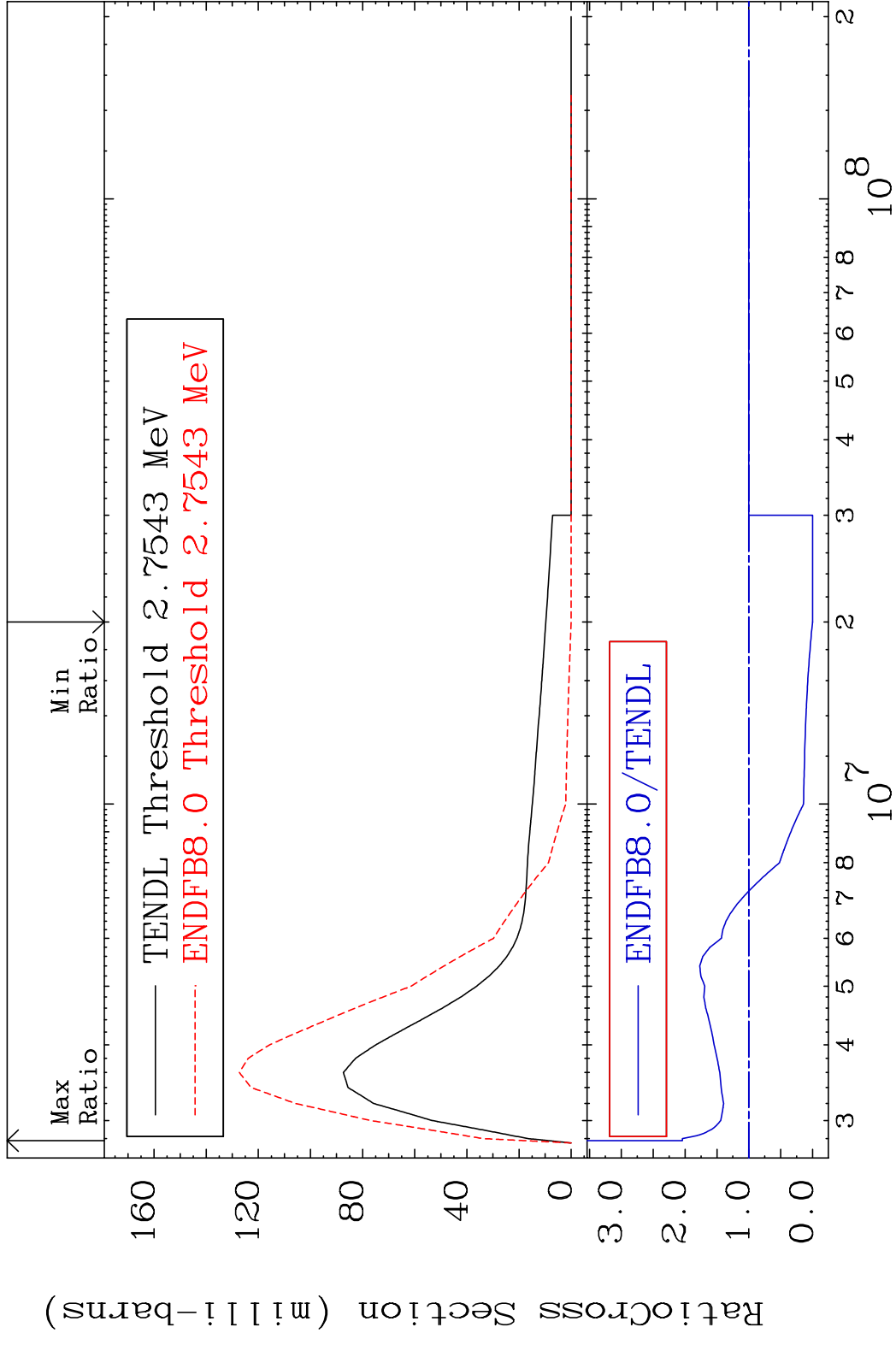
MAT 8325 MT= 58 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 111.3 %



MAT 8325 MT= 59 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 1922. %

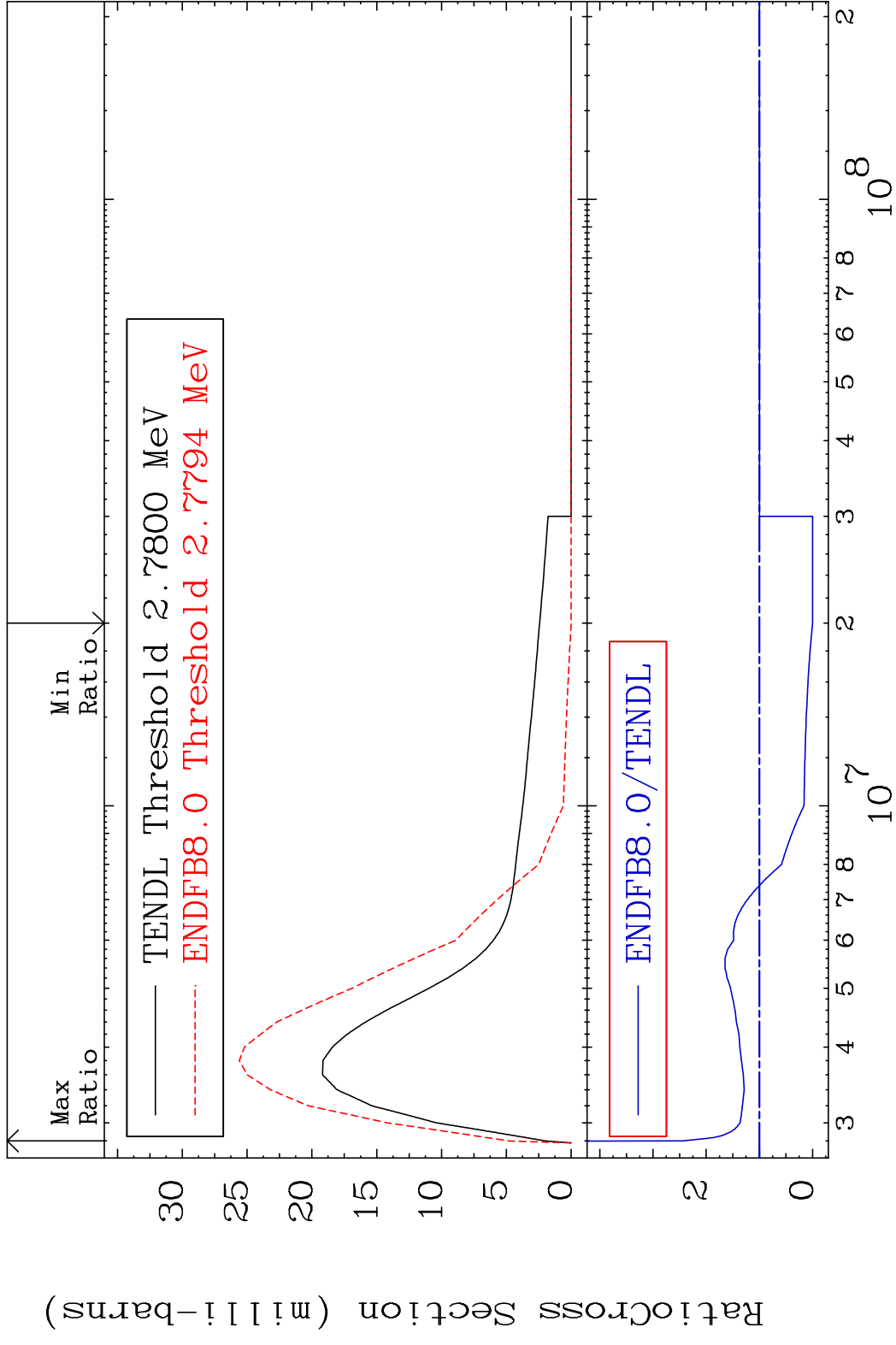


MAT 8325 MT= 60 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 104.3 %

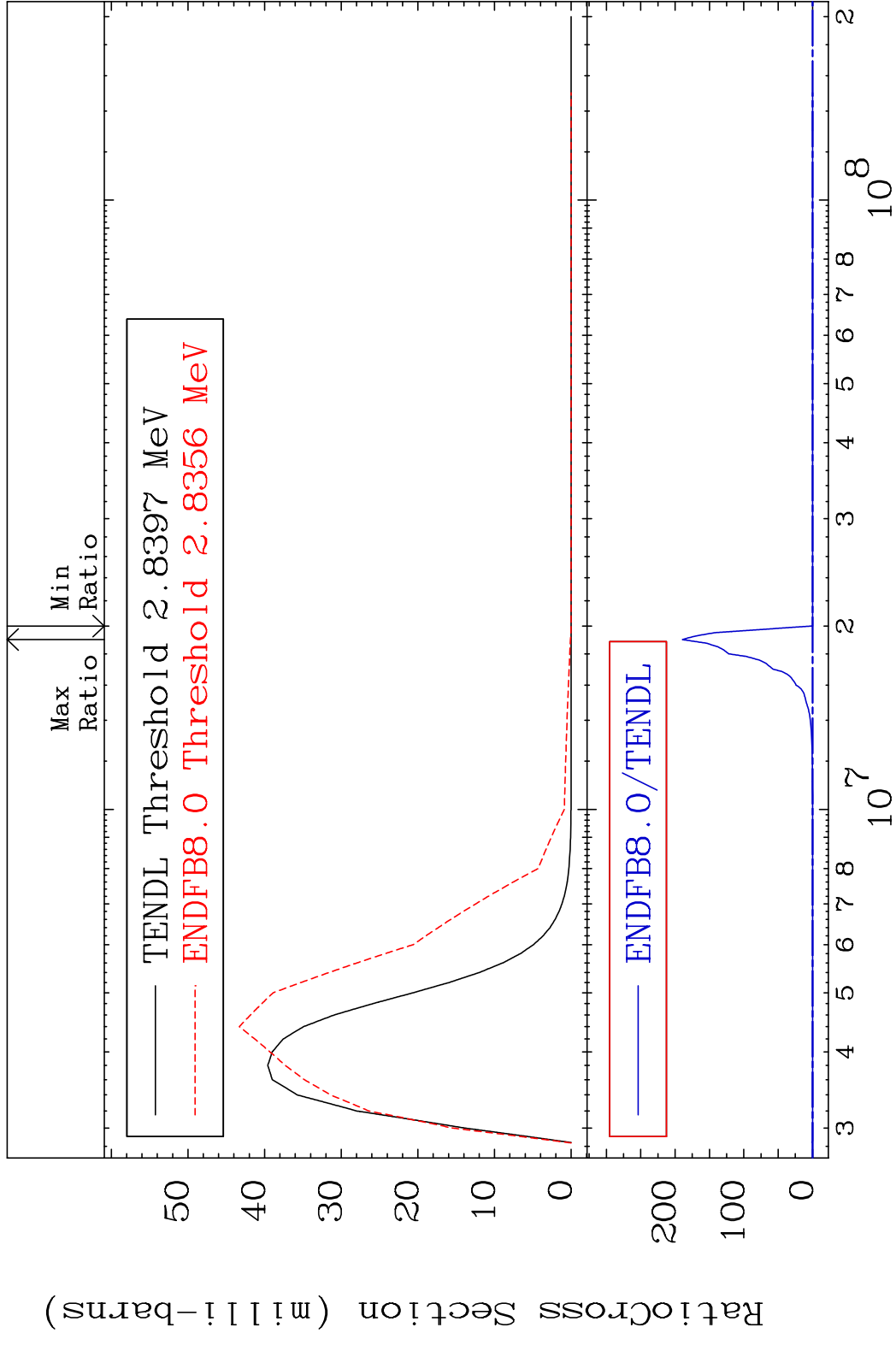


20 83-Bi-209

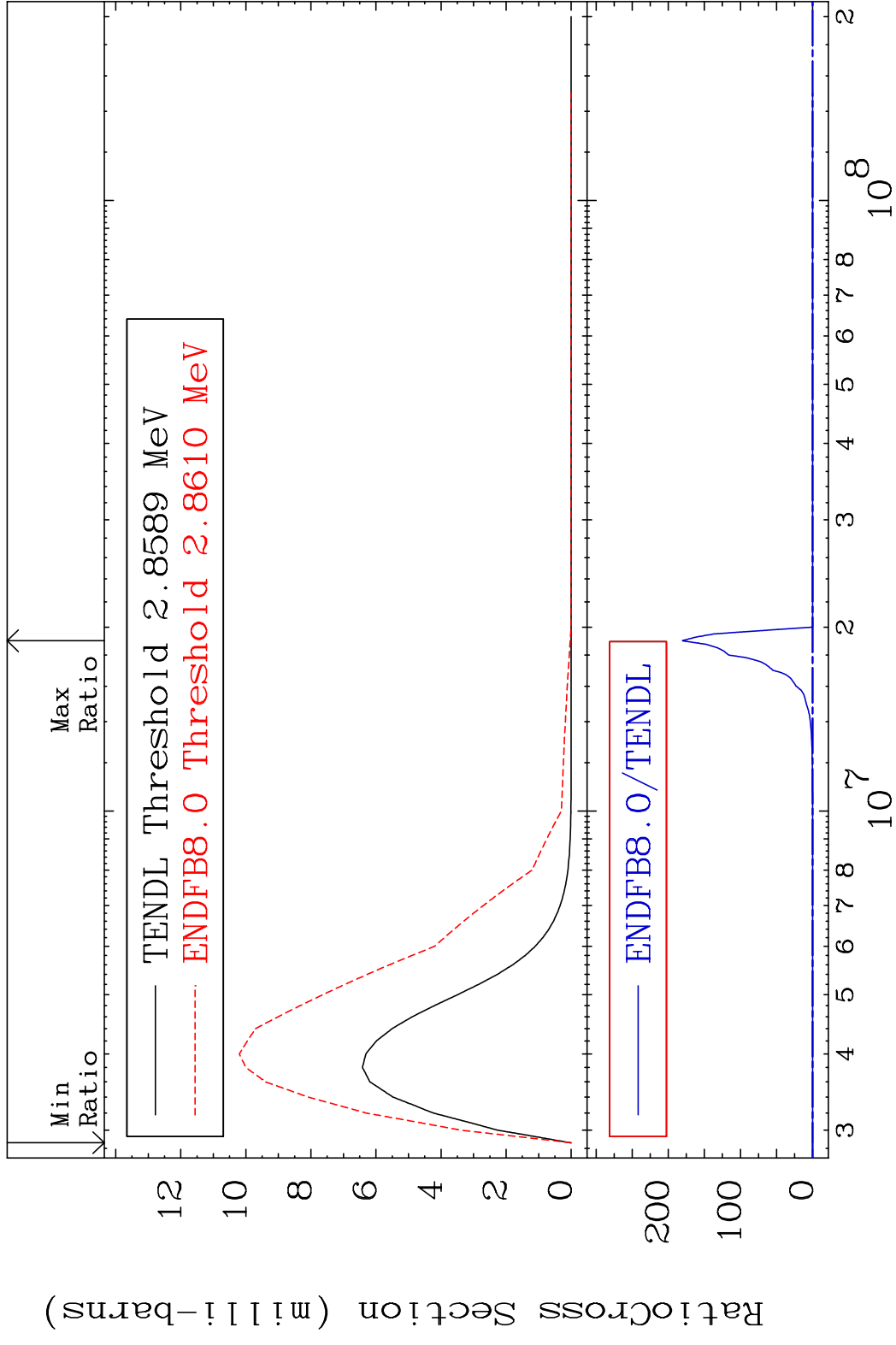
MAT 8325 MT= 61 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 144.8 %



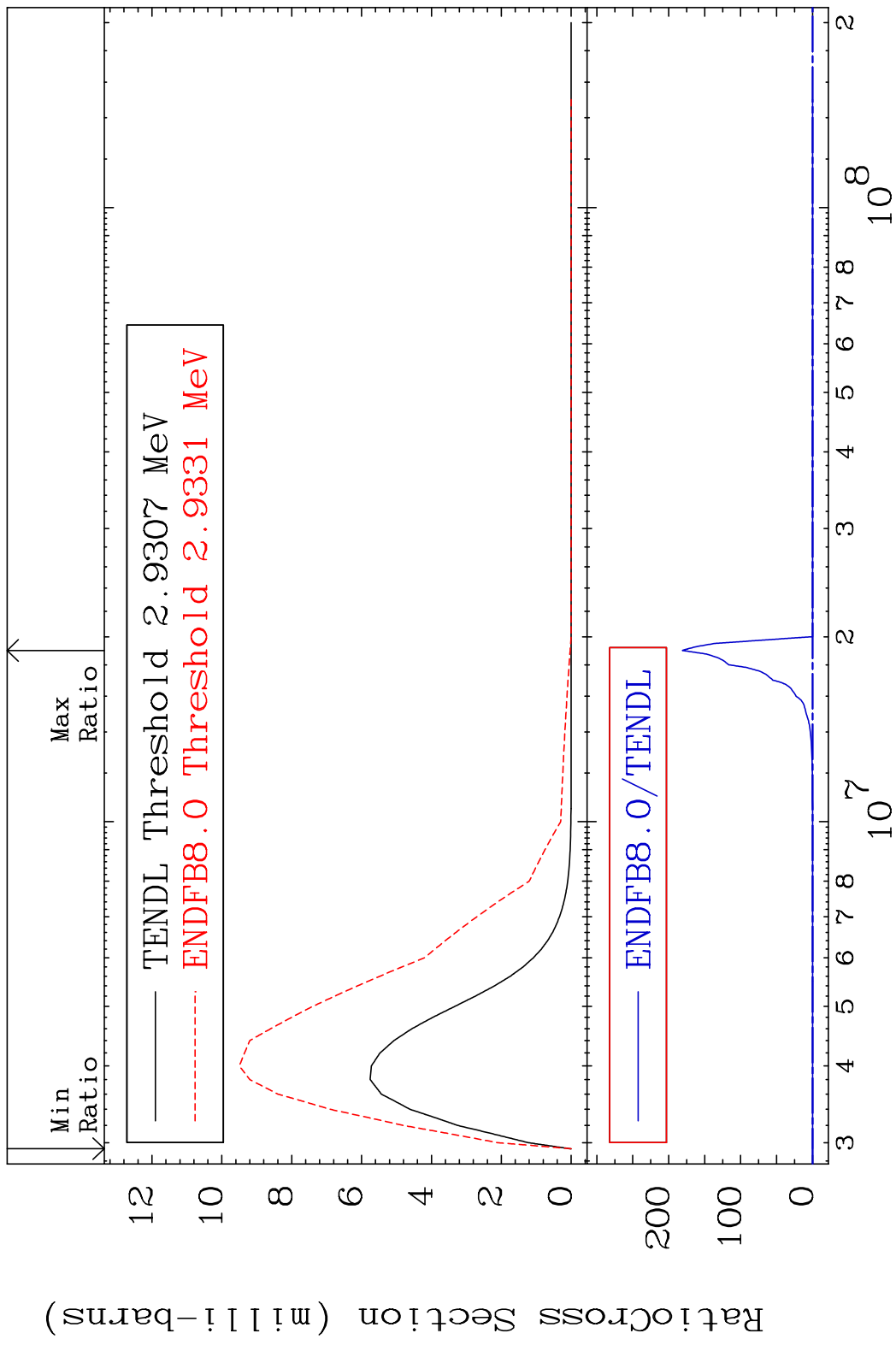
MAT 8325 MT= 62 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



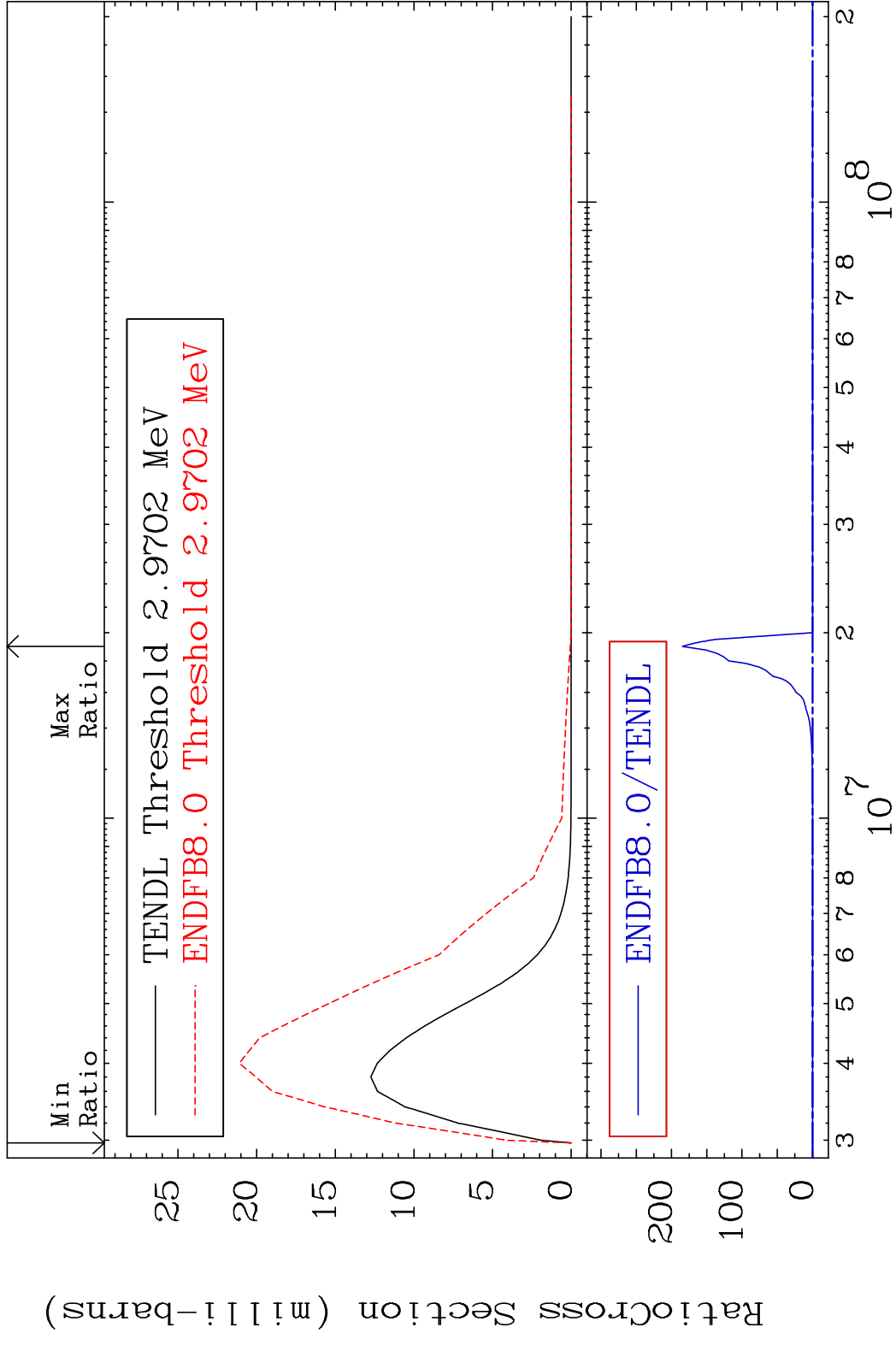
MAT 8325 MT= 63 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



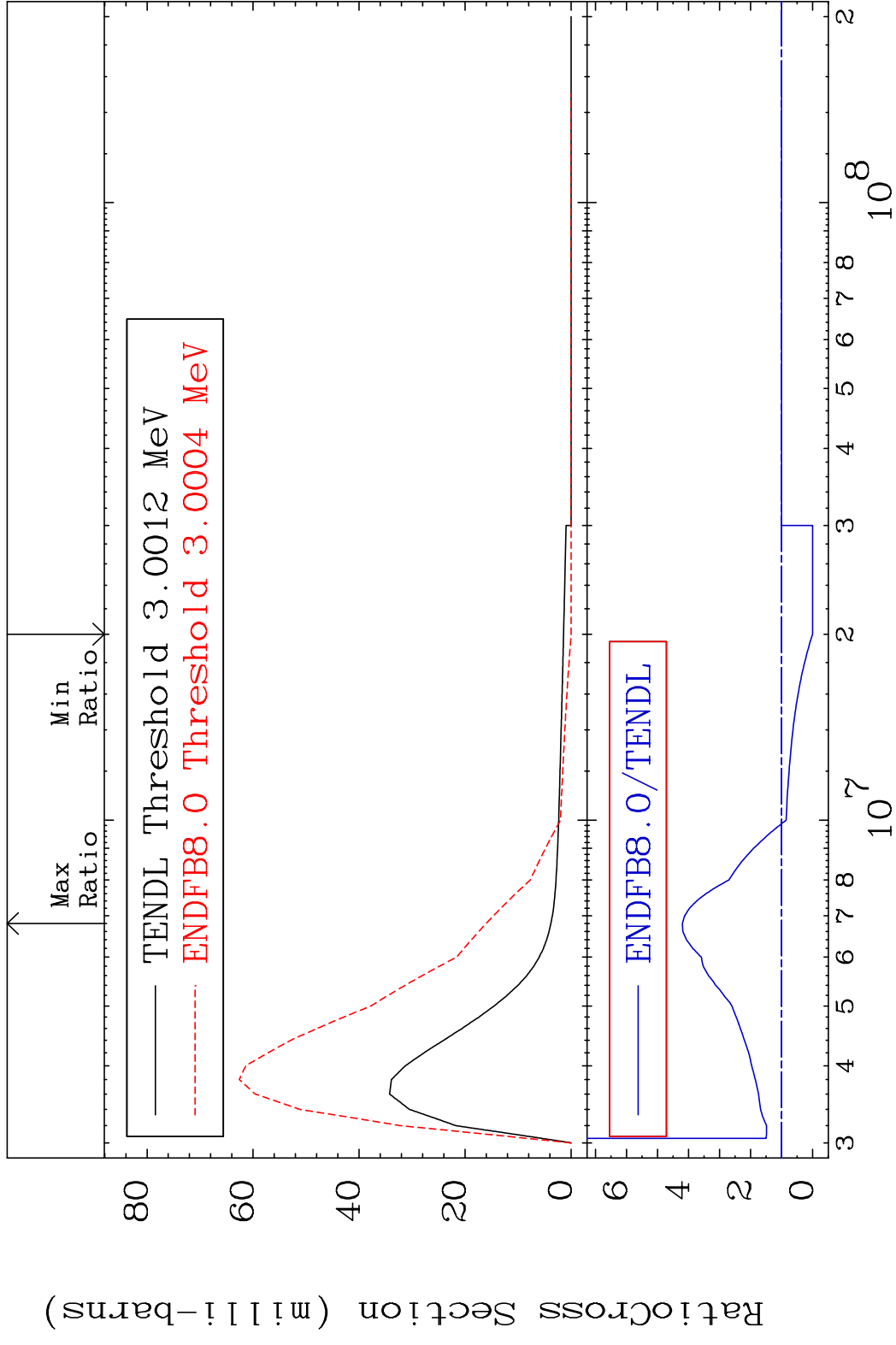
MAT 8325 MT= 64 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



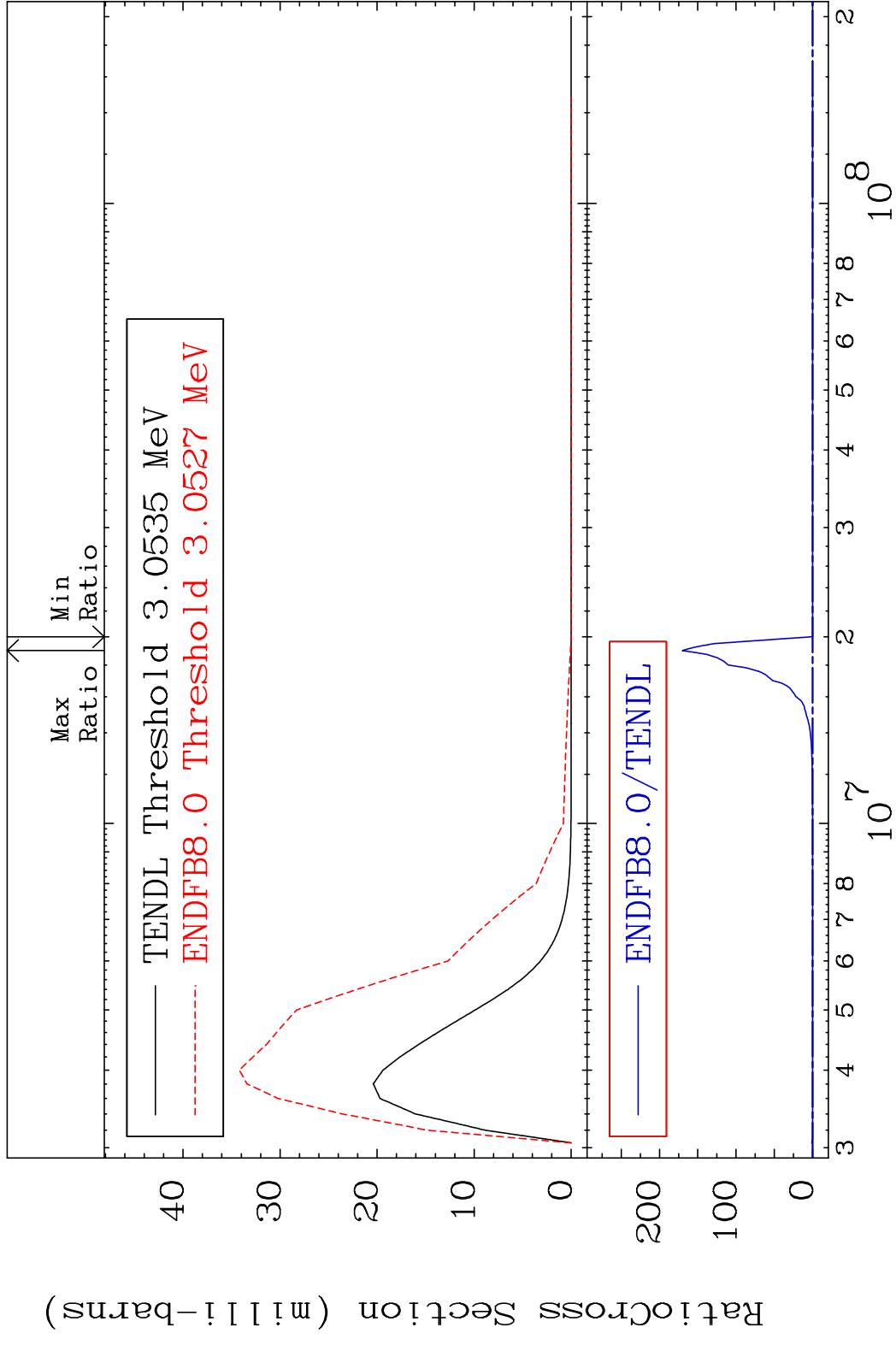
MAT 8325 MT= 65 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



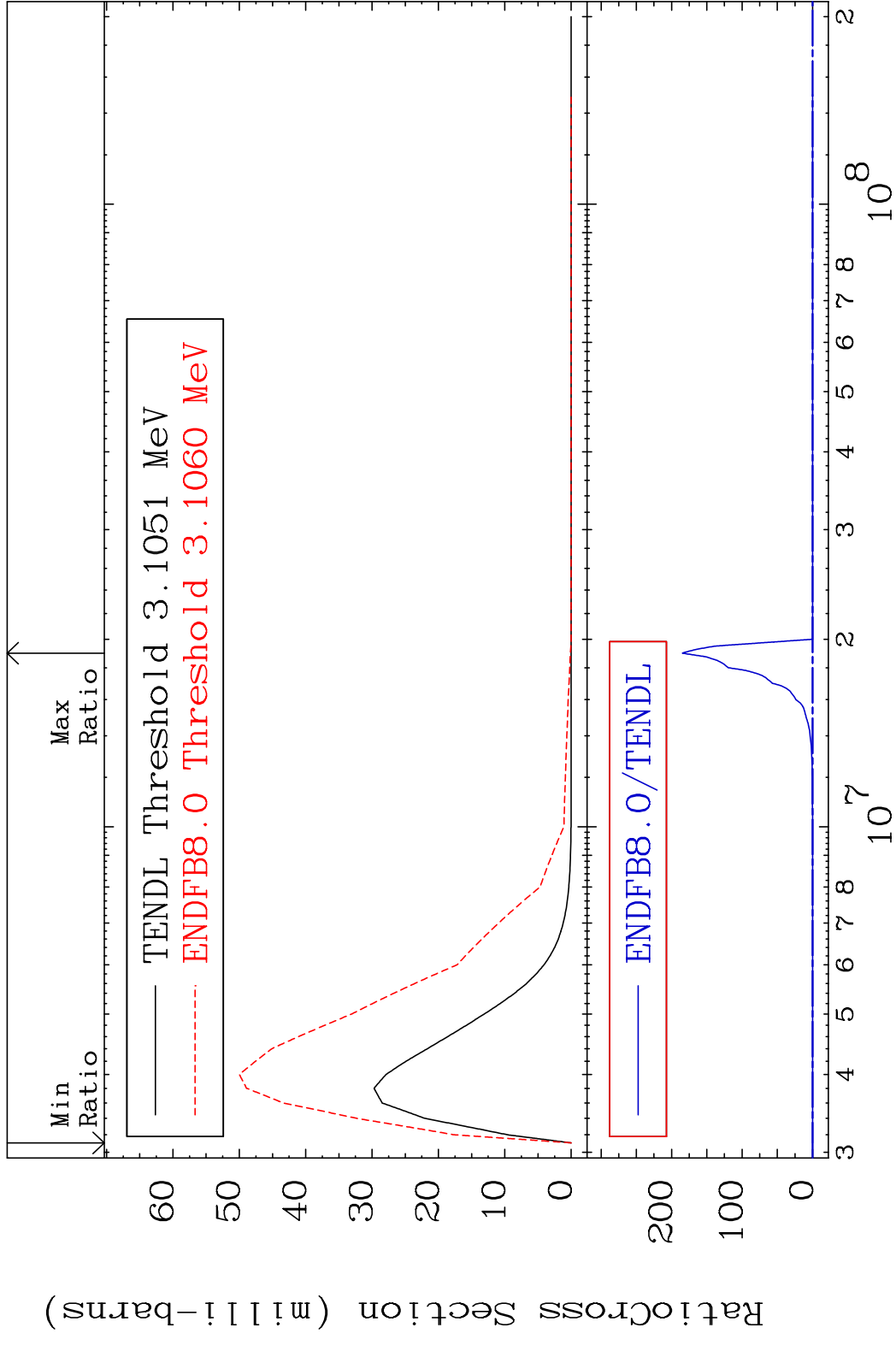
MAT 8325 MT= 66 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 319.8 %



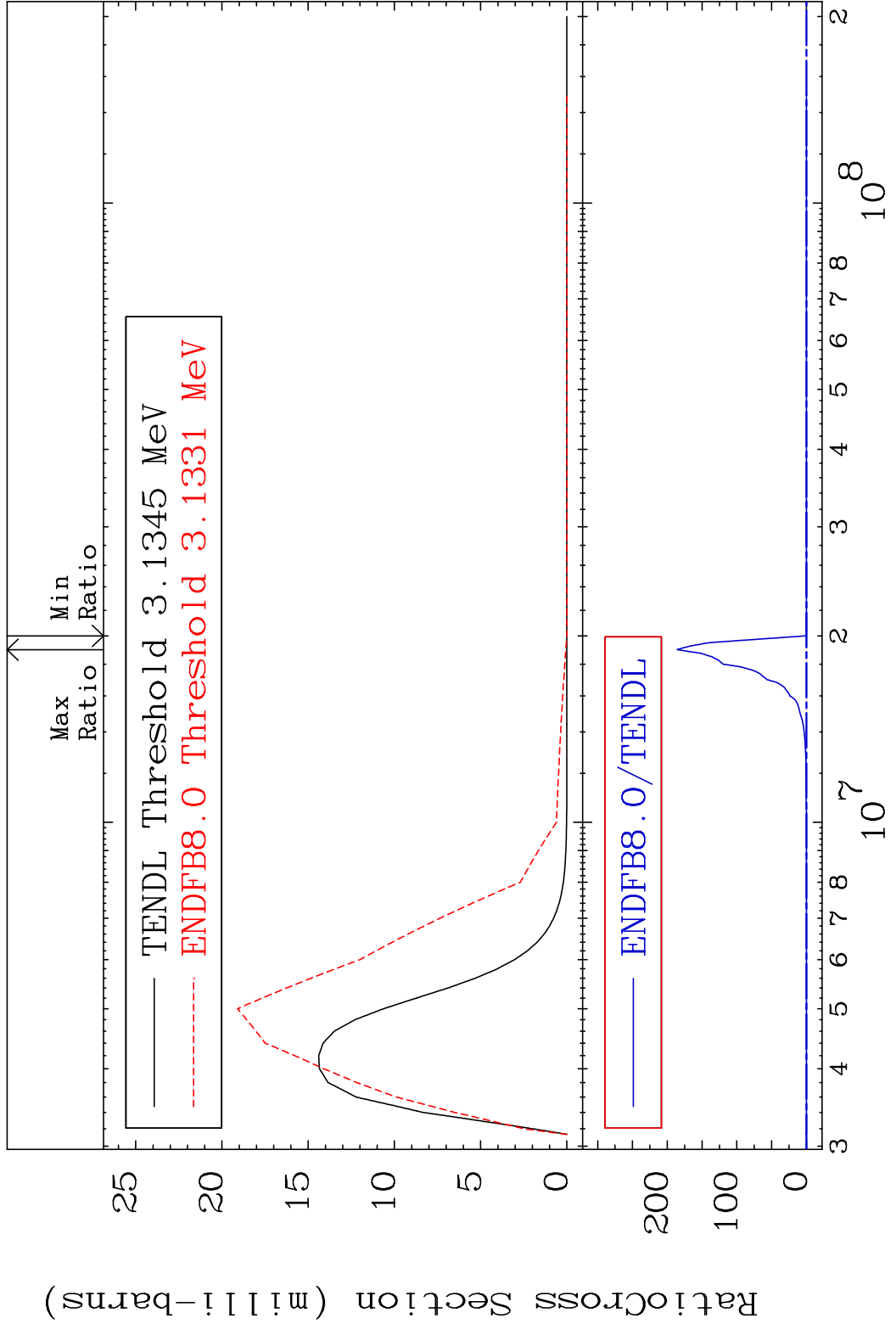
MAT 8325 MT= 67 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



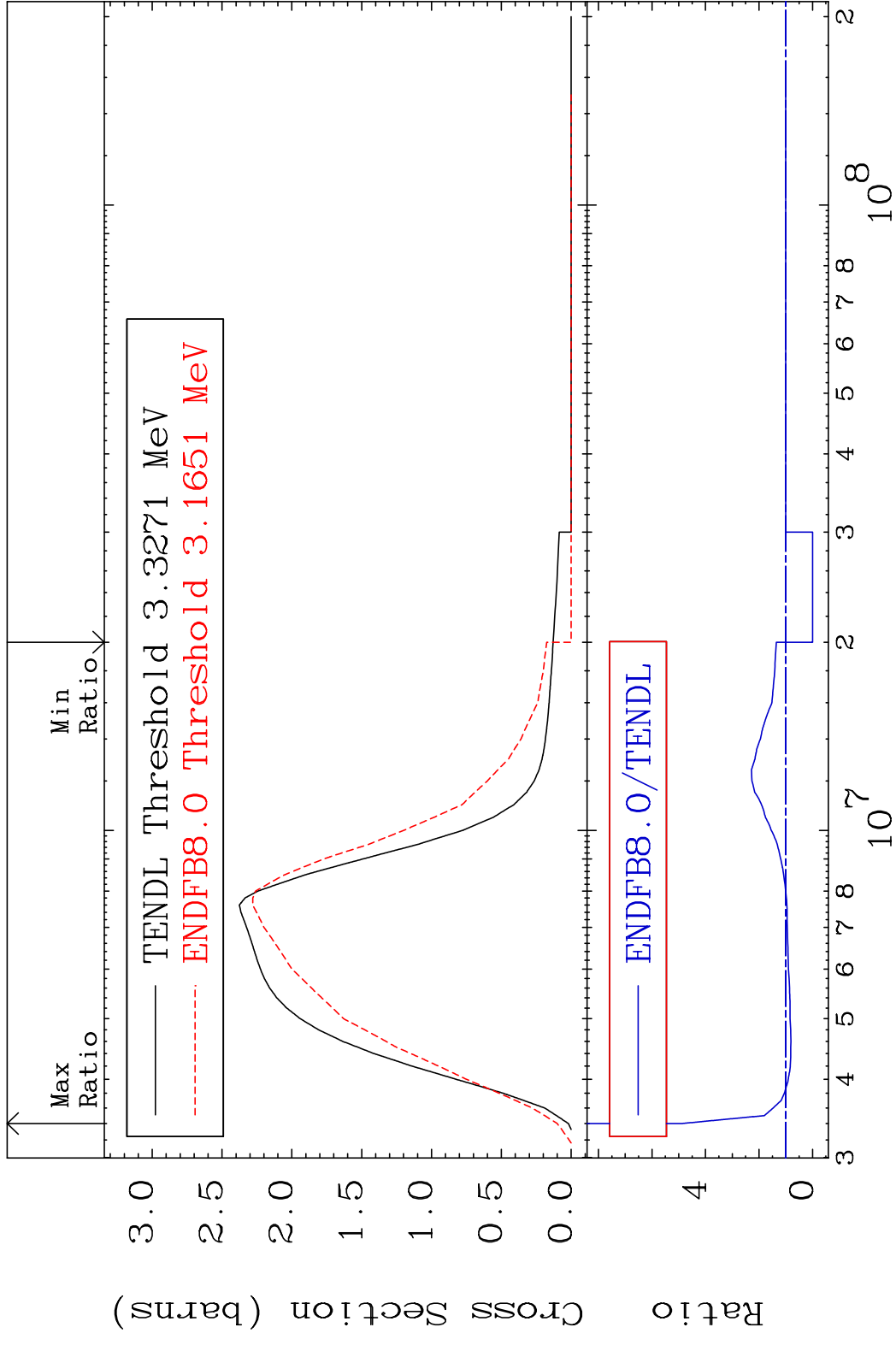
MAT 8325 MT= 68 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



MAT 8325 MT= 69 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



MAT 8325 (n,n') Continuum 83-Bi-209
 Cross Section -100.0 To 386.6 %

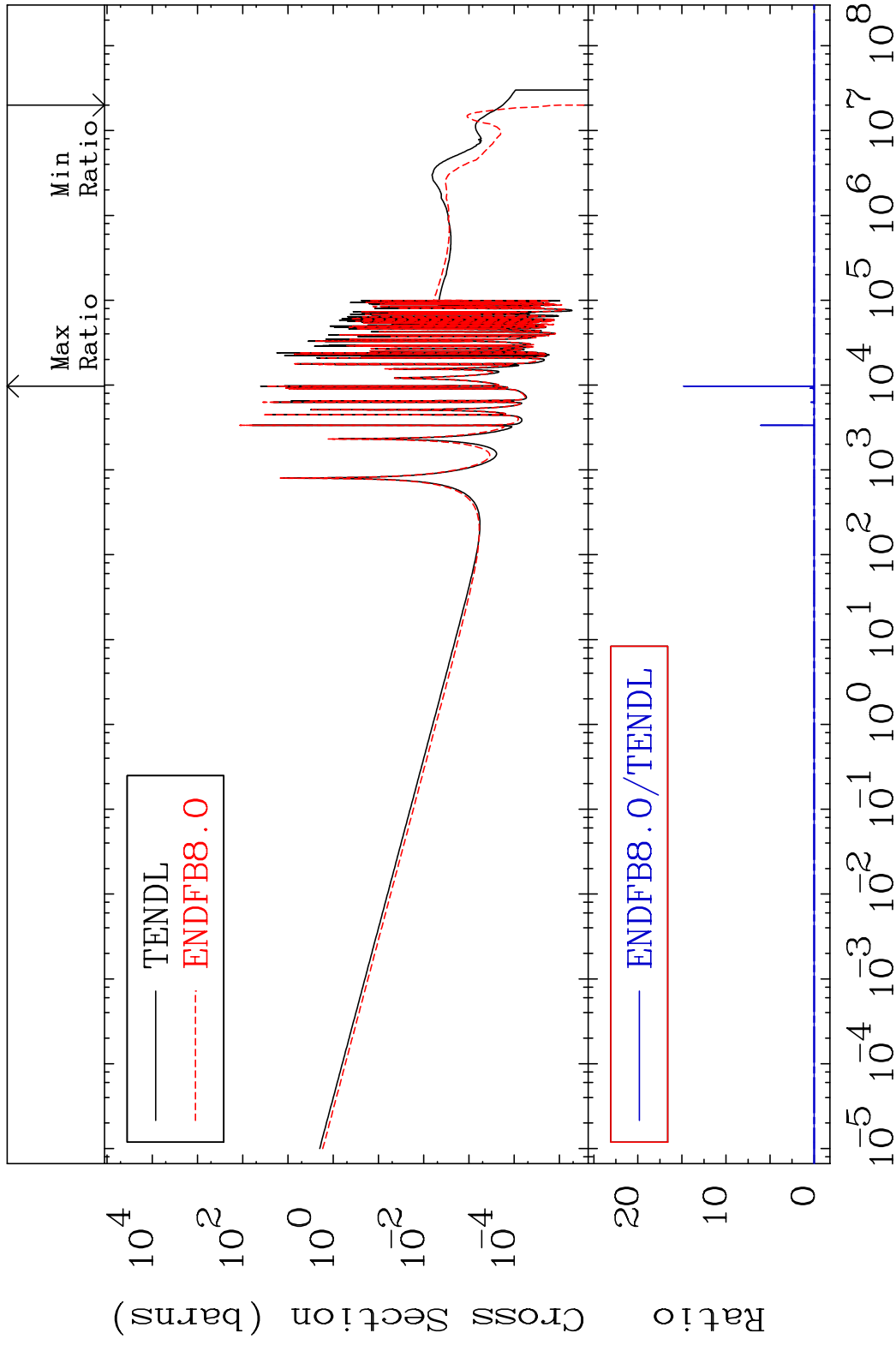


MAT 8325

(n, γ)

83-Bi-209

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

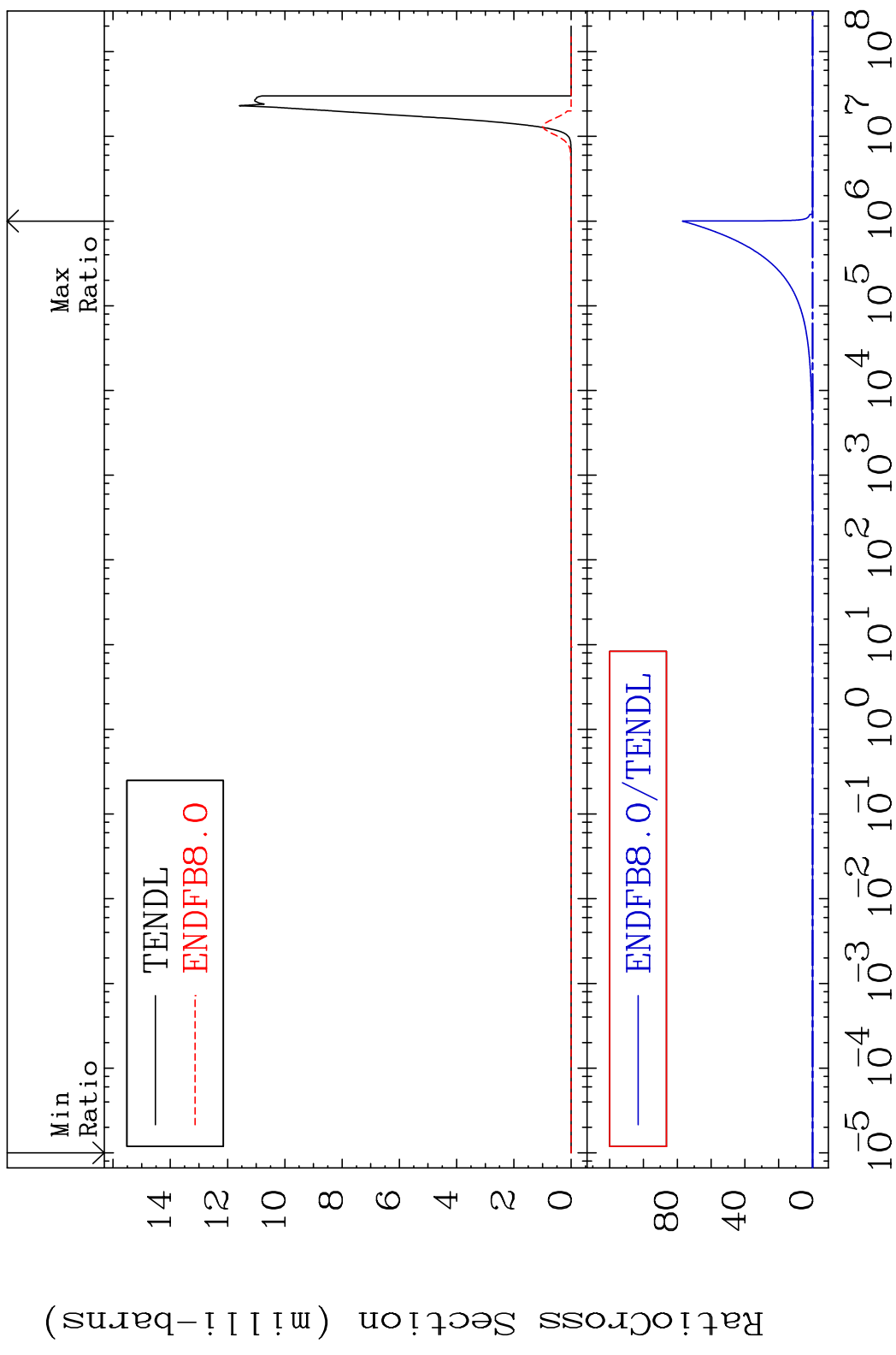
83-Bi-209

MAT 8325

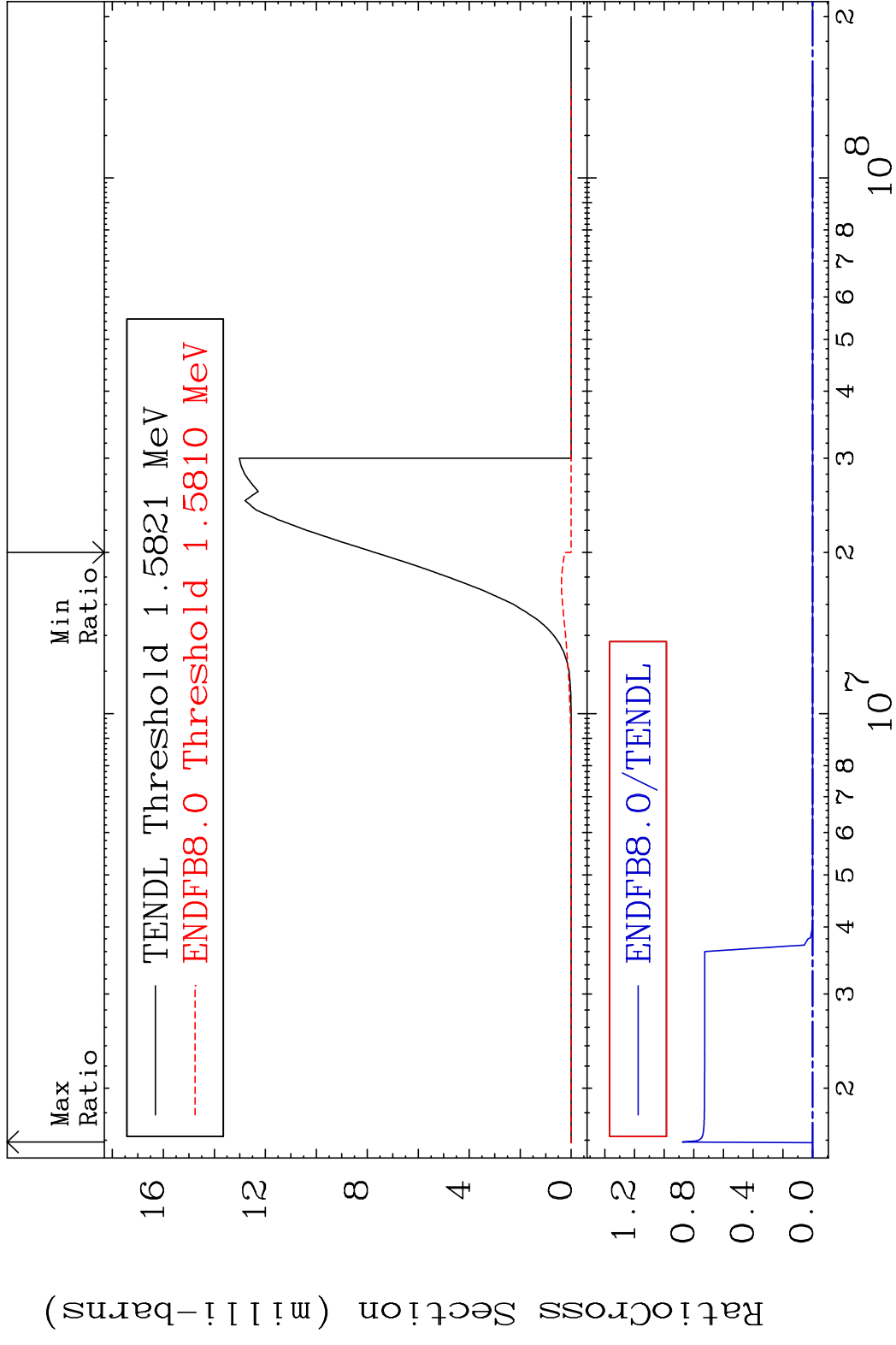
(n, p)

83-Bi-209

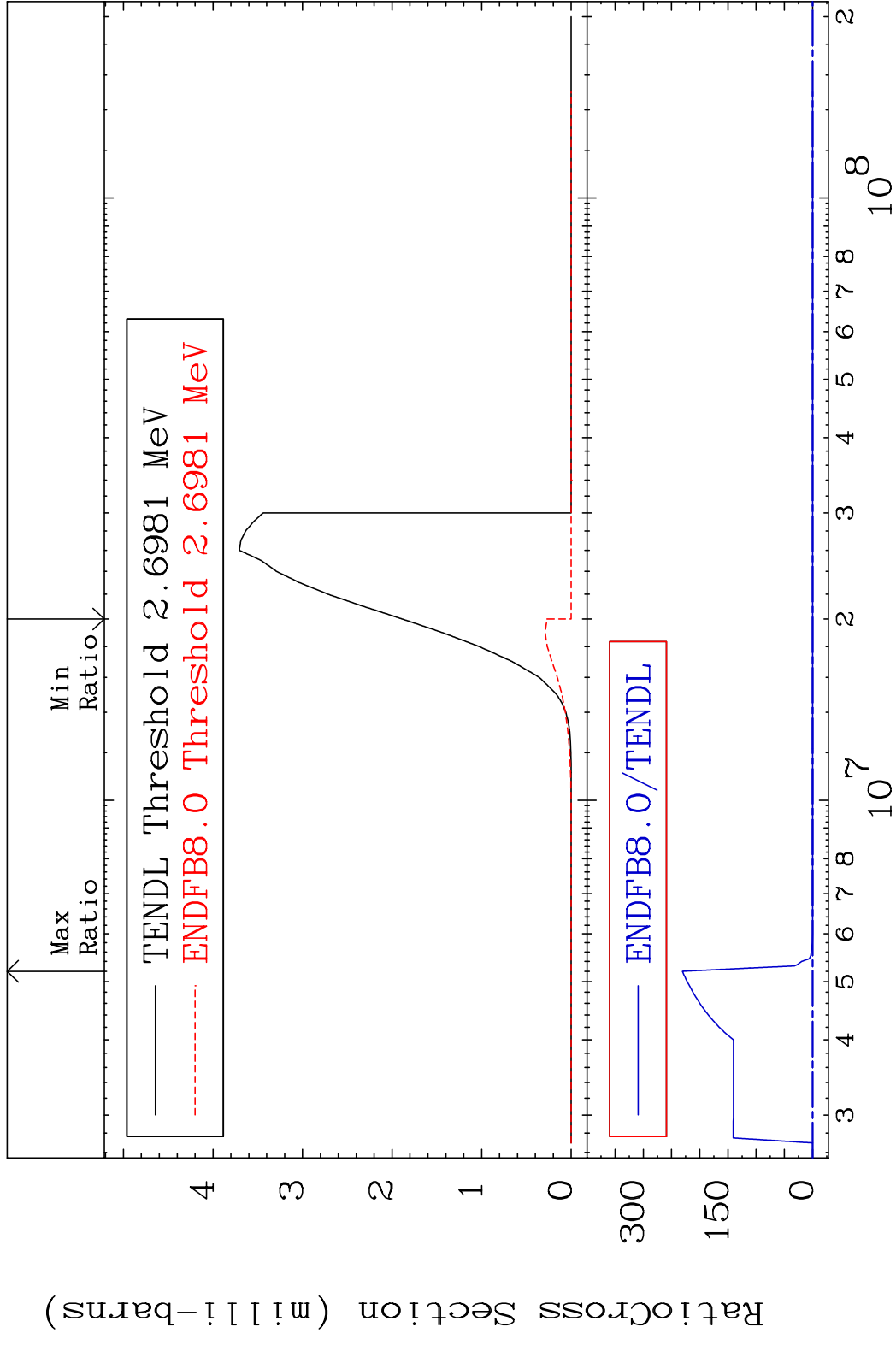
Cross Section -100.0 To 9999. %



MAT 8325 (n,d) 83-Bi-209
 Cross Section -100.0 To 9999. %



MAT 8325 (n, t) 83-Bi-209
 Cross Section -100.0 To 9999. %

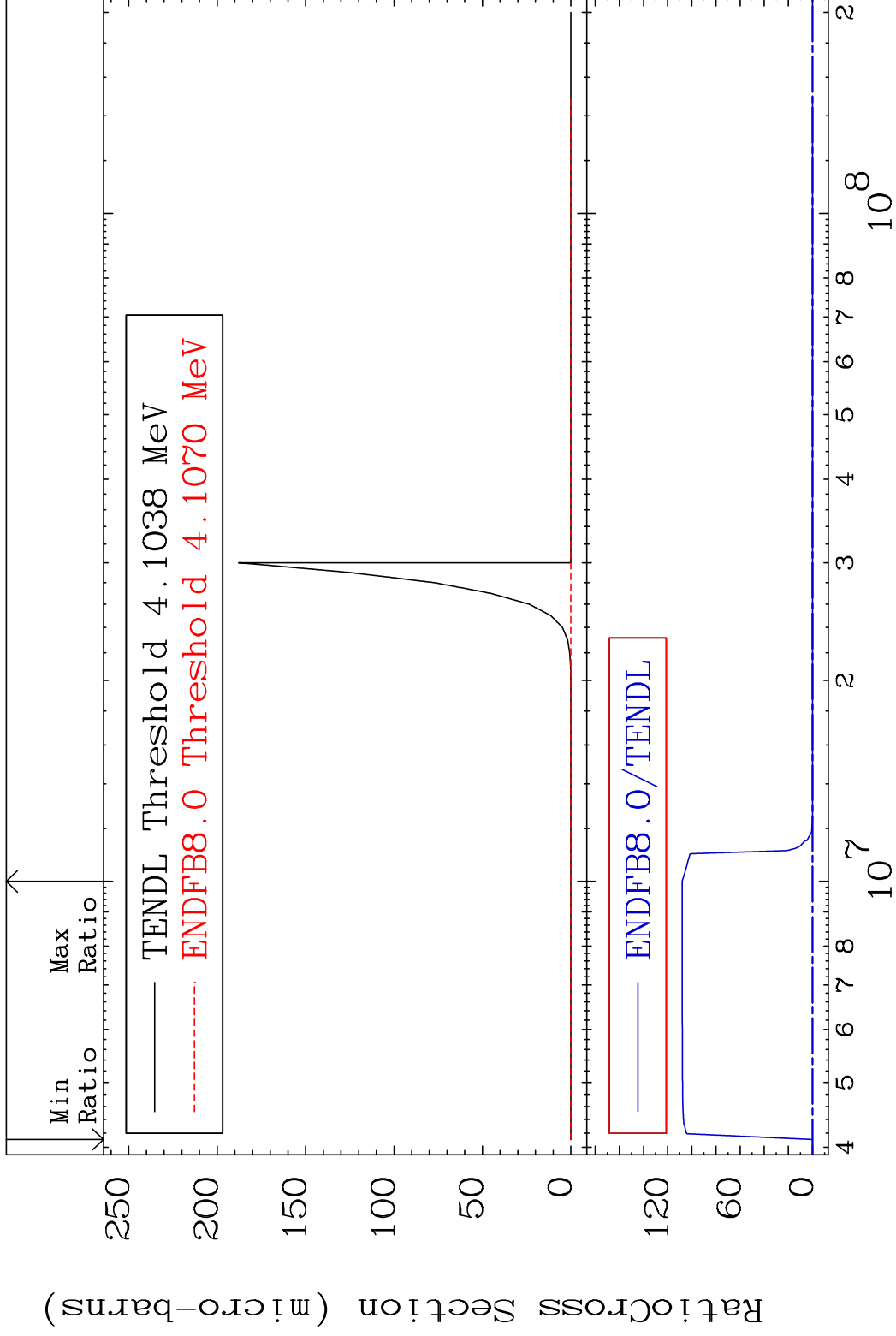


MAT 8325

(n, He-3)

83-Bi-209

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

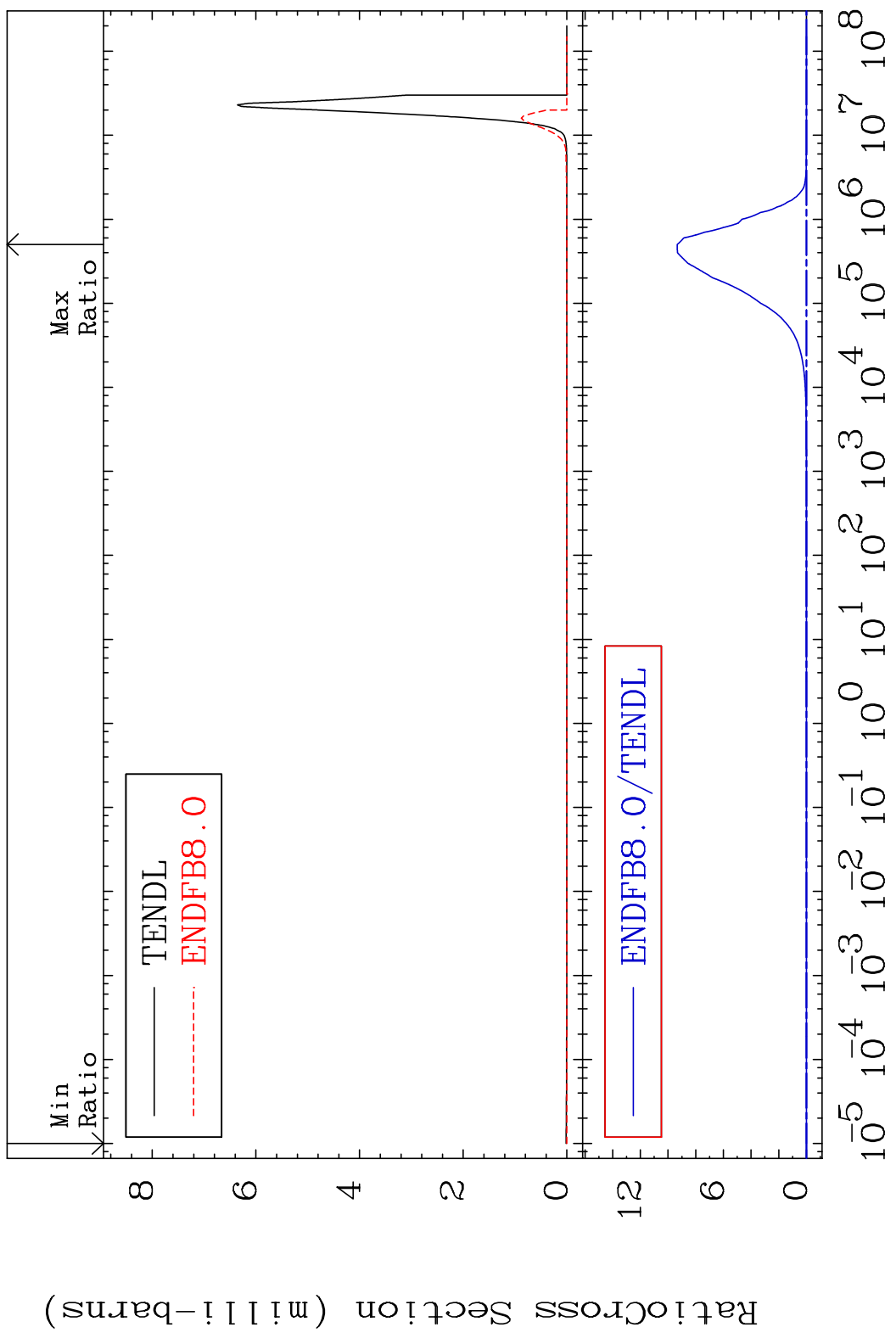
83-Bi-209

MAT 8325

(n, α)

83-Bi-209

Cross Section -100.0 To 9999. %

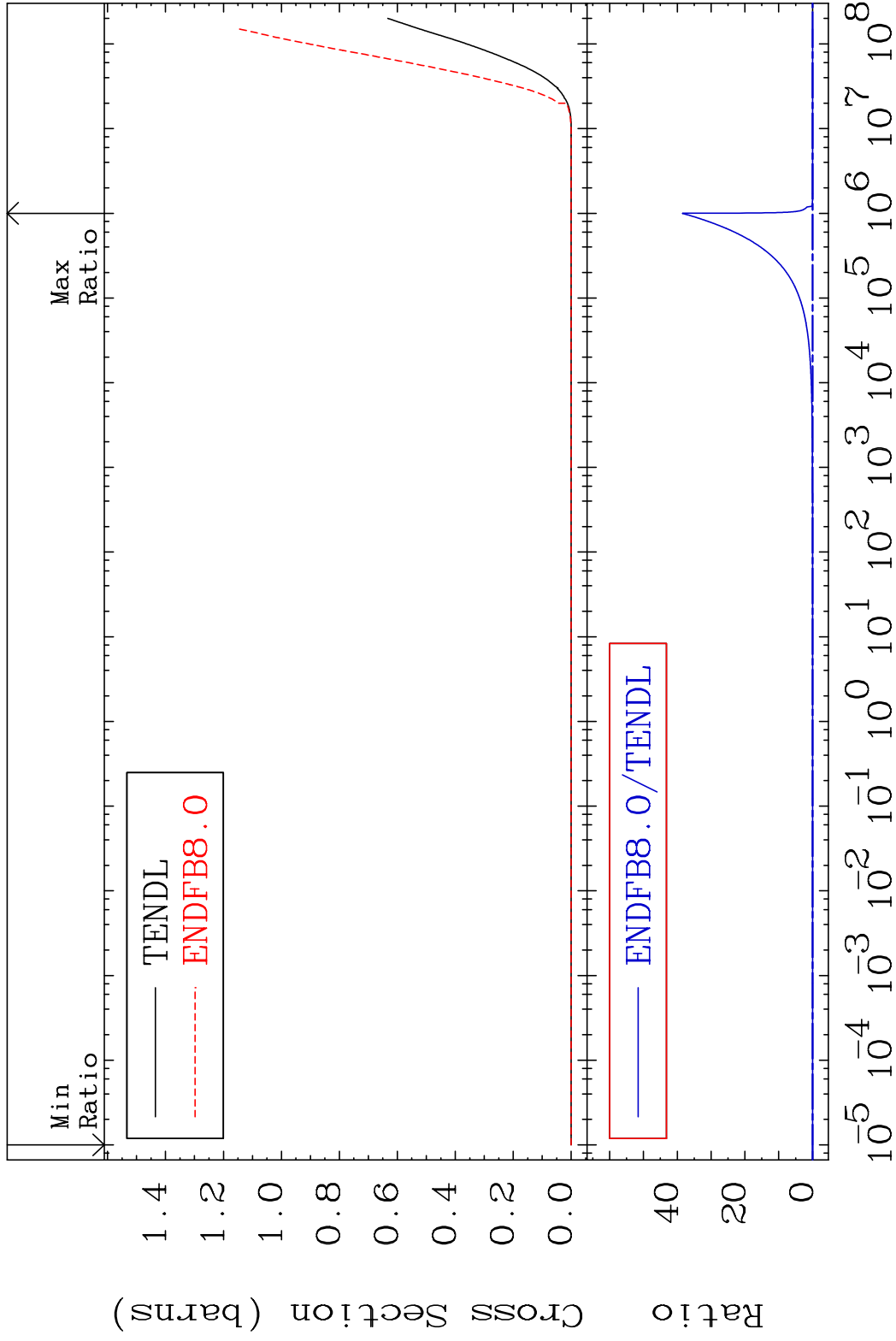


MAT 8325

Hydrogen Production

83-Bi-209

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

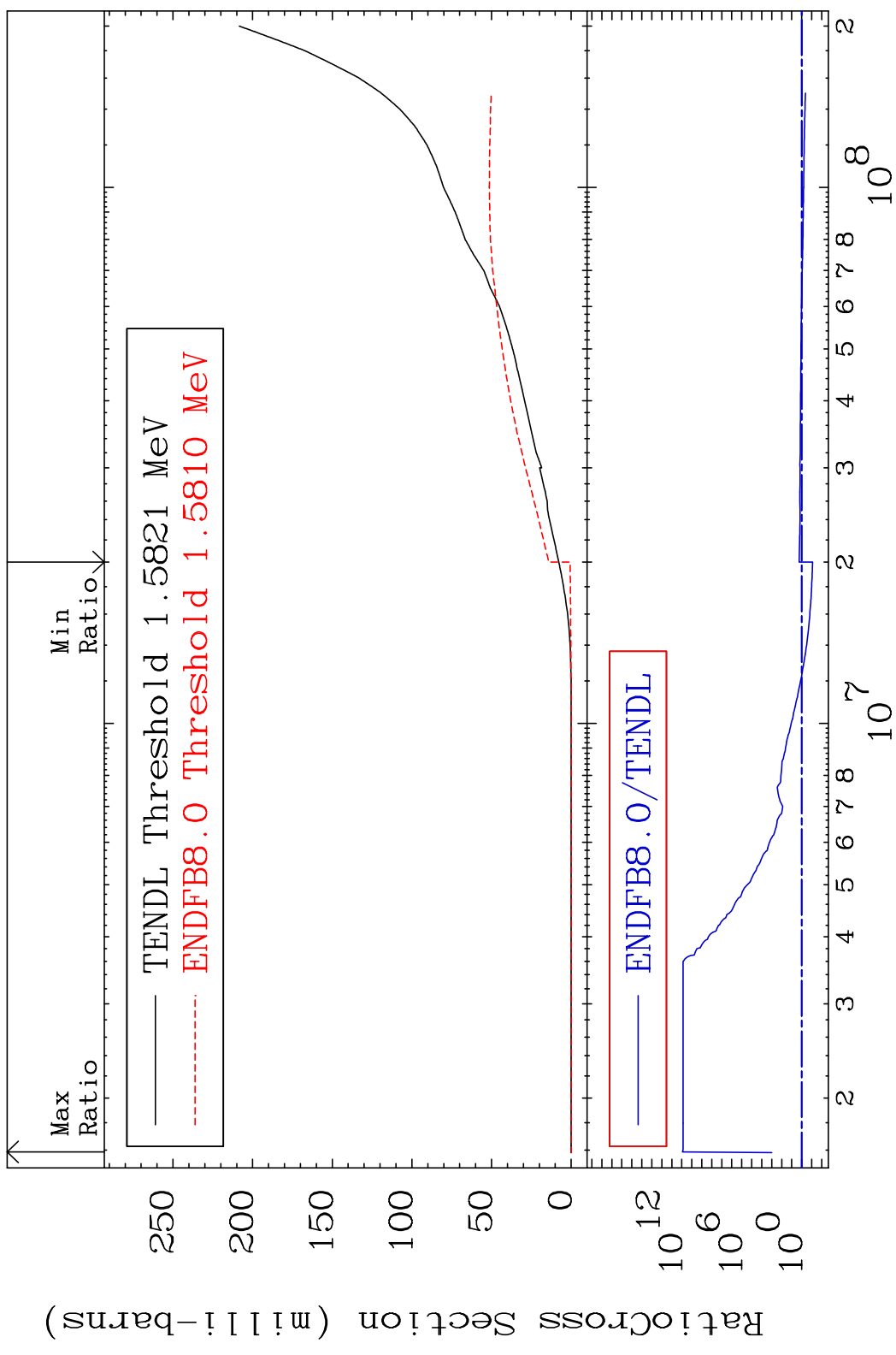
83-Bi-209

MAT 8325

Deuterium Production

83-Bi-209

Cross Section -91.80 To 9999. %

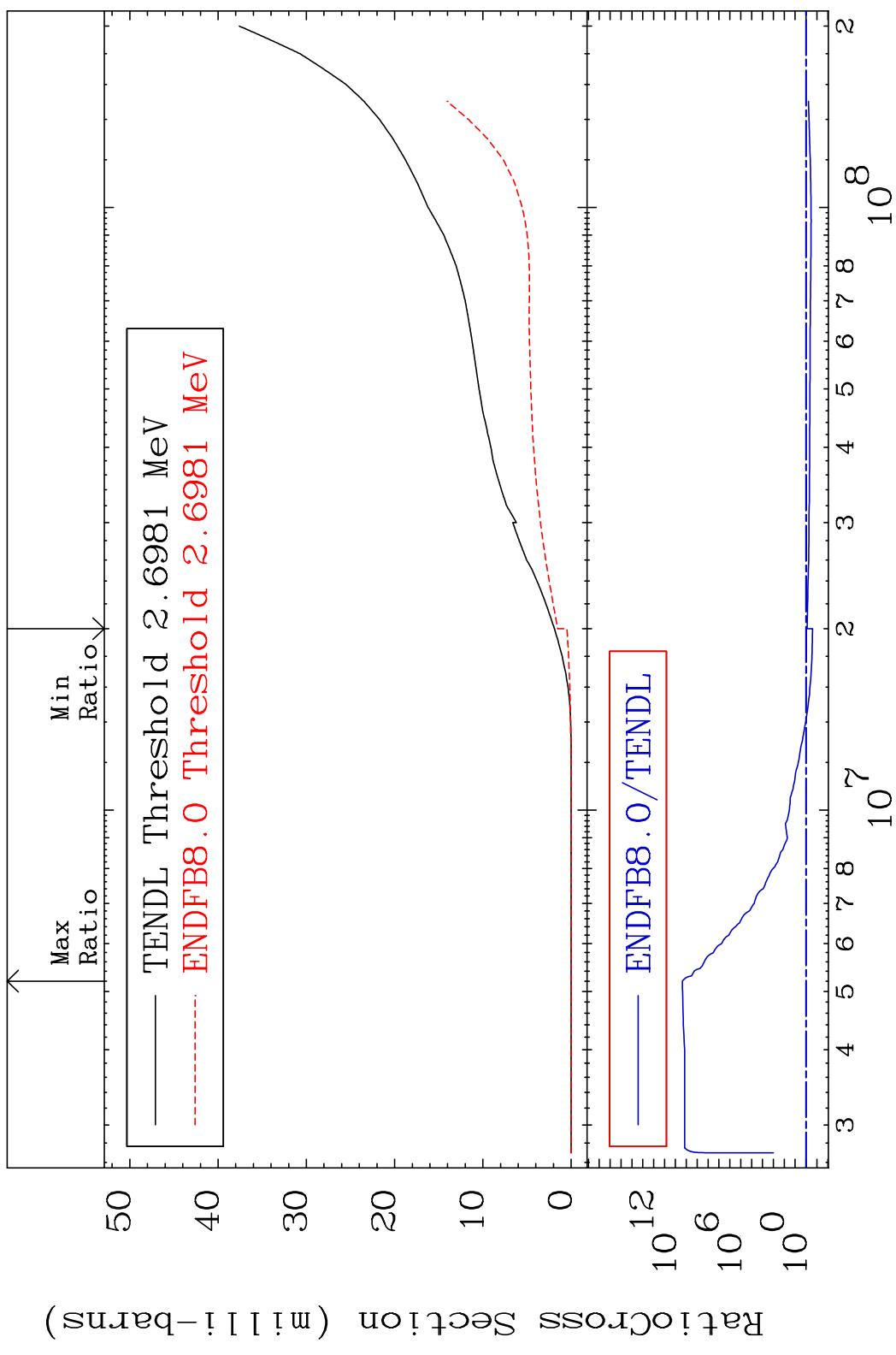


MAT 8325

Tritium Production

83-Bi-209

Cross Section -74.81 To 9999. %

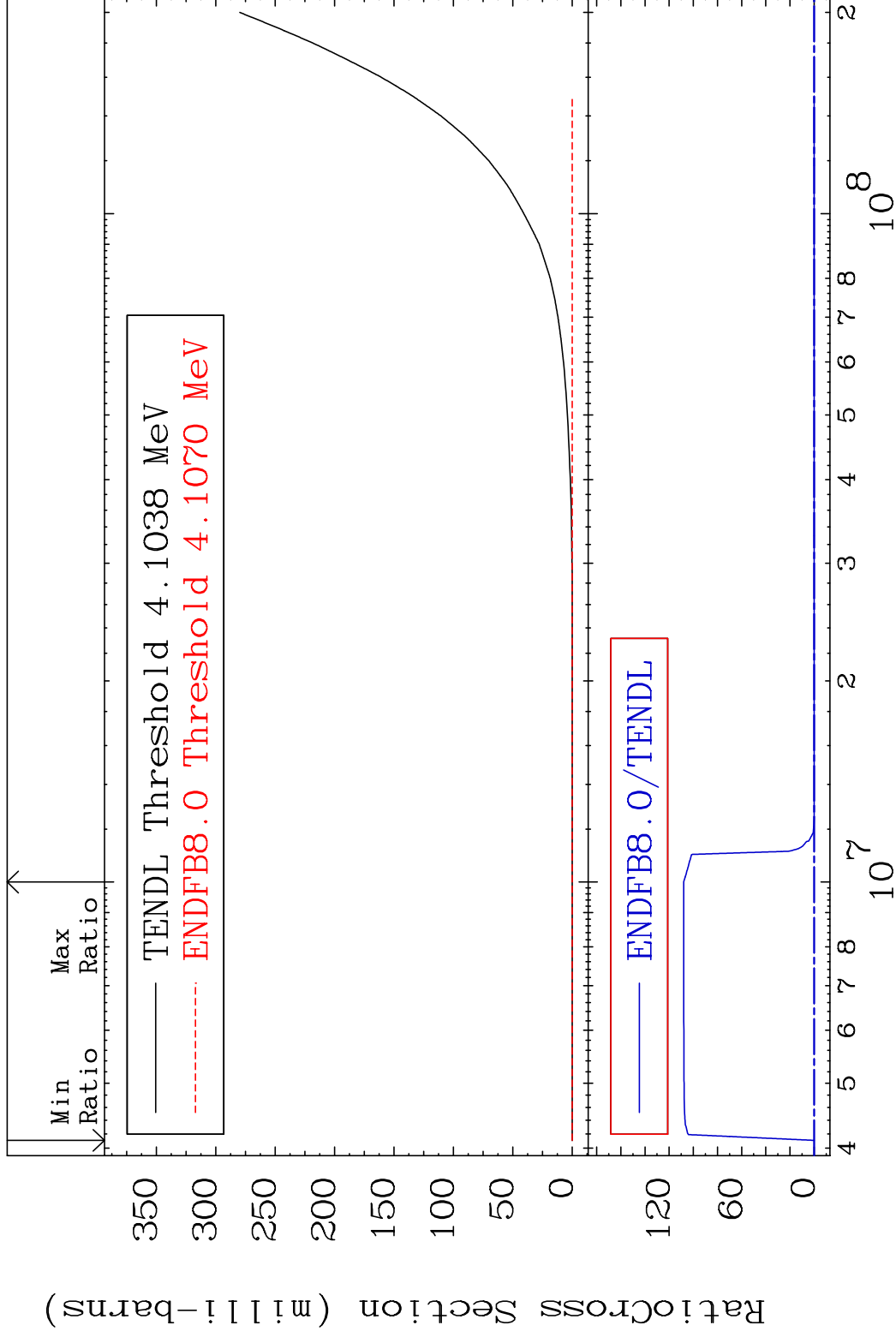


MAT 8325

He-3 Production

83-Bi-209

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

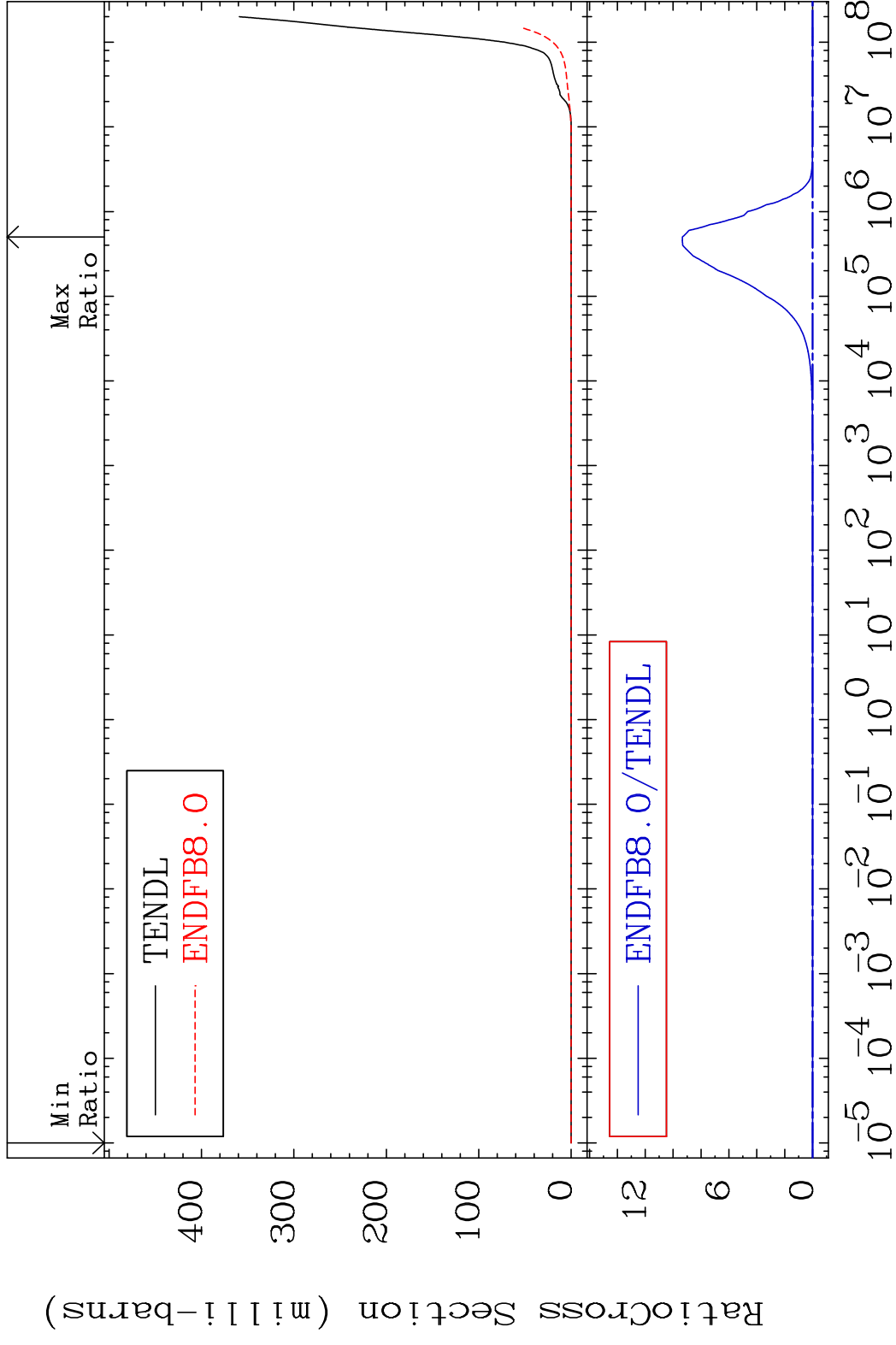
83-Bi-209

MAT 8325

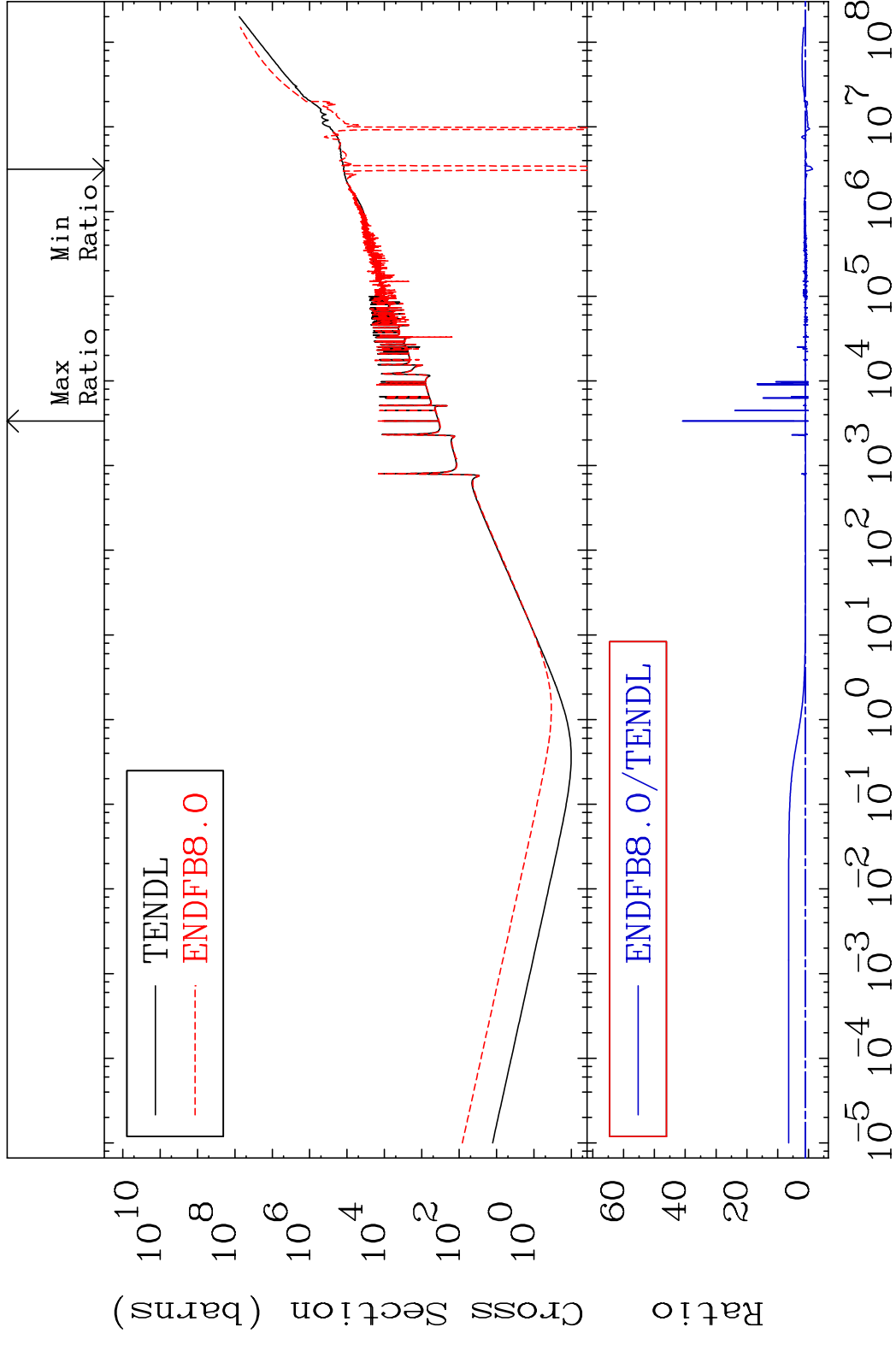
He-4 Production

83-Bi-209

Cross Section -100.0 To 9999. %

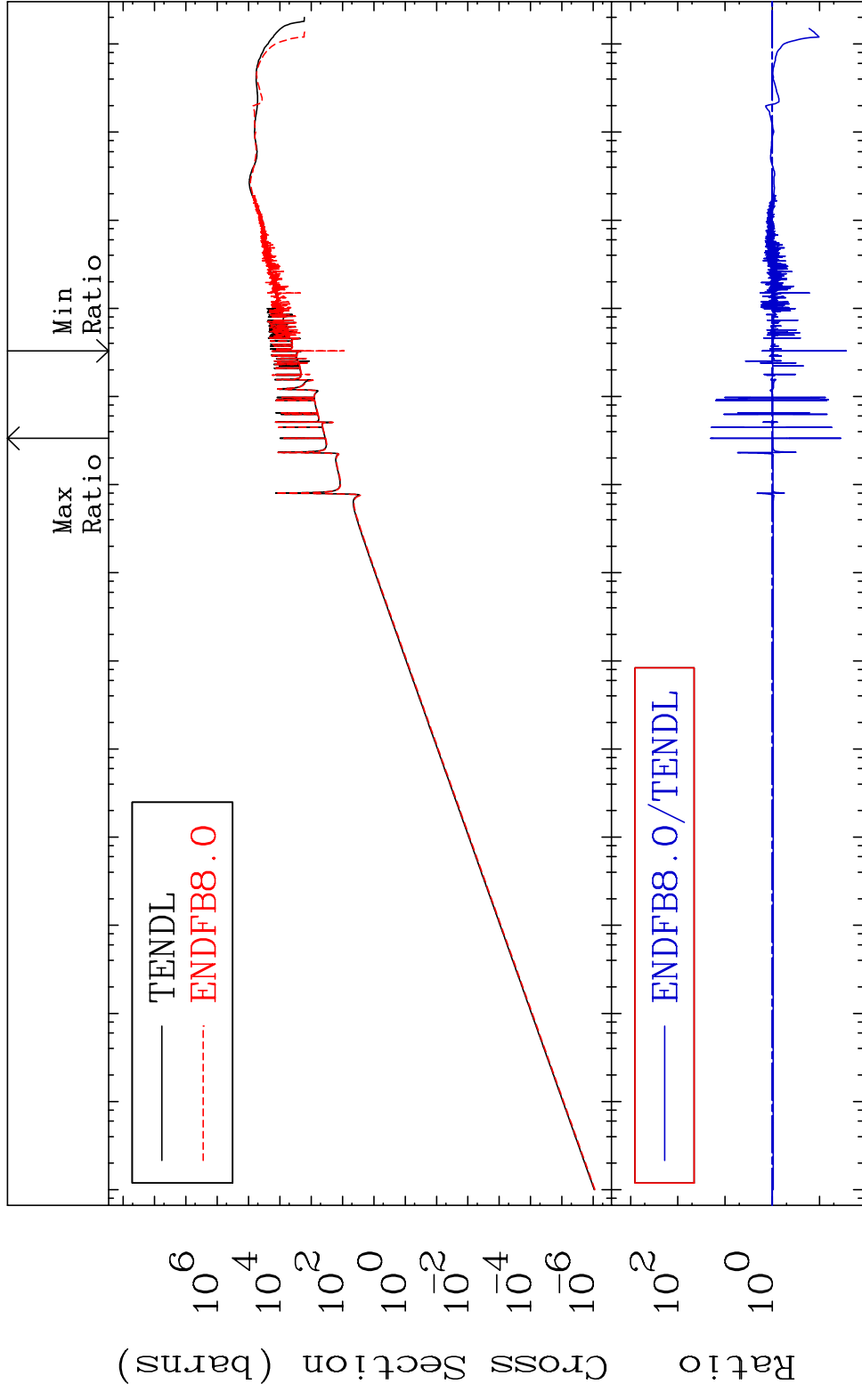


MAT 8325 Kerma total (eV-barns) 83-Bi-209
 Cross Section -234.2 To 3993. %

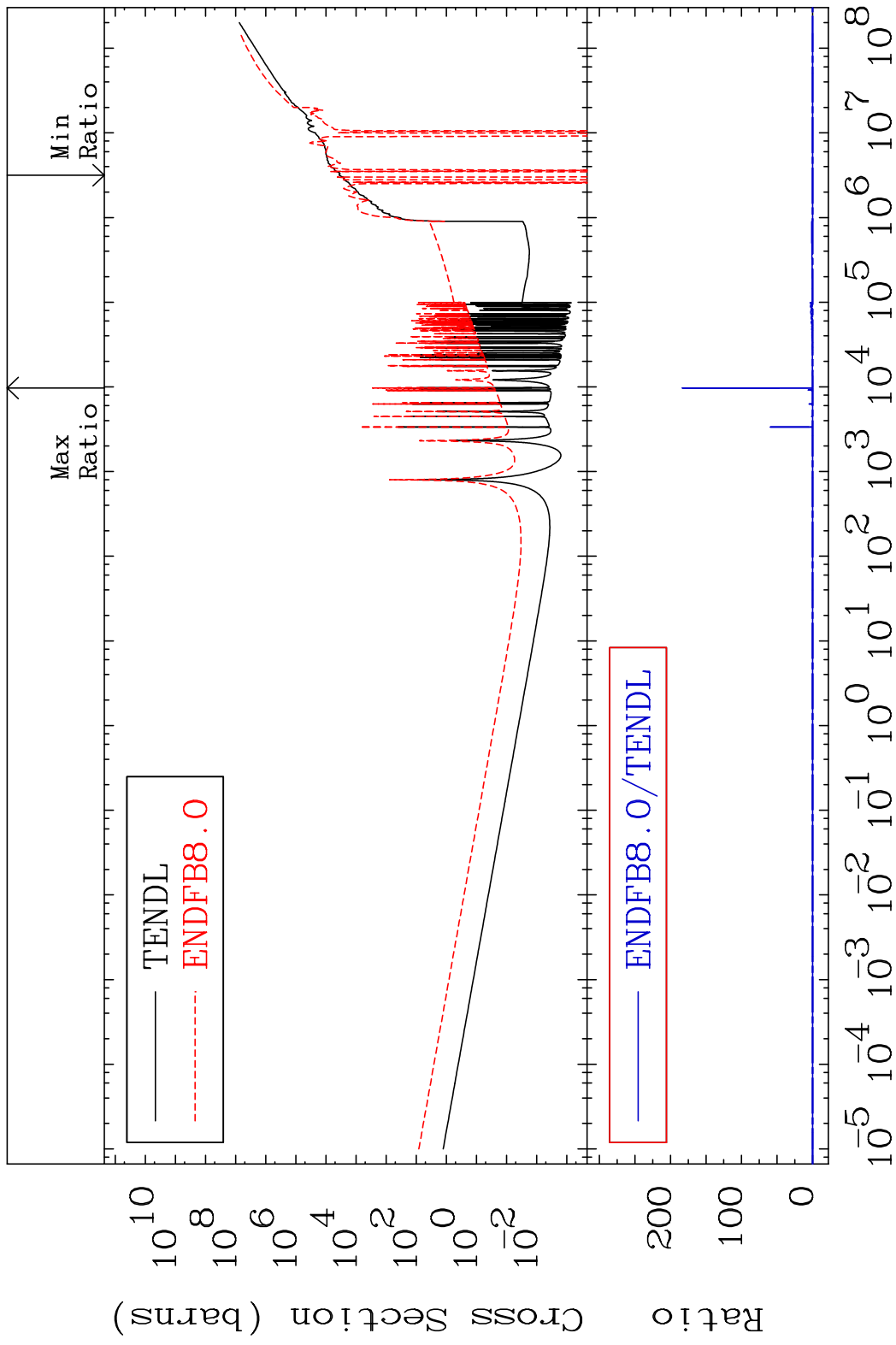


MAT 8325

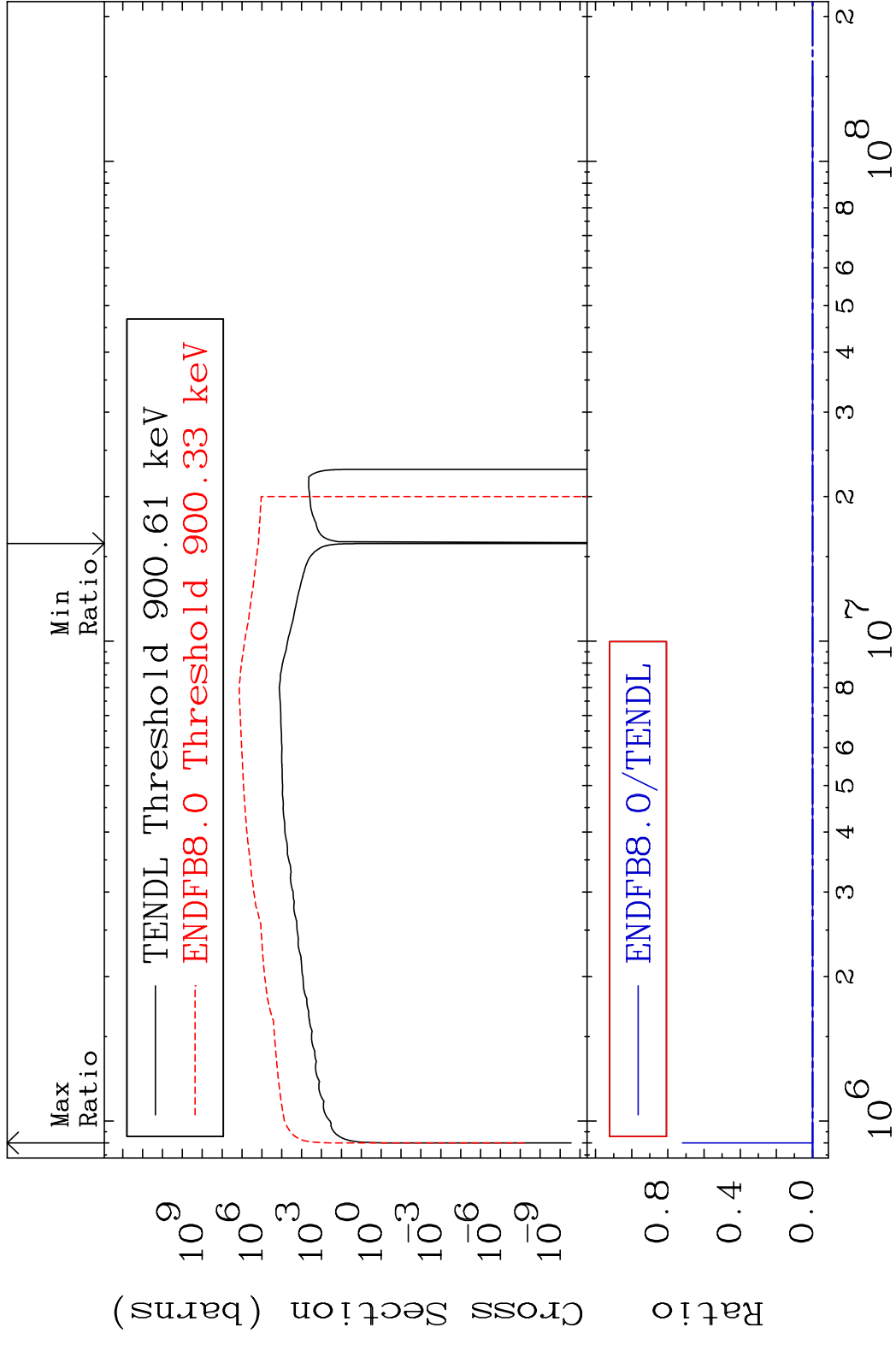
Kerma elastic Cross Section -97.30 To 1911. %
83-Bi-209



MAT 8325 Kerma non-elastic (all but mt2) 83-Bi-209
 Cross Section -793.7 To 9999. %

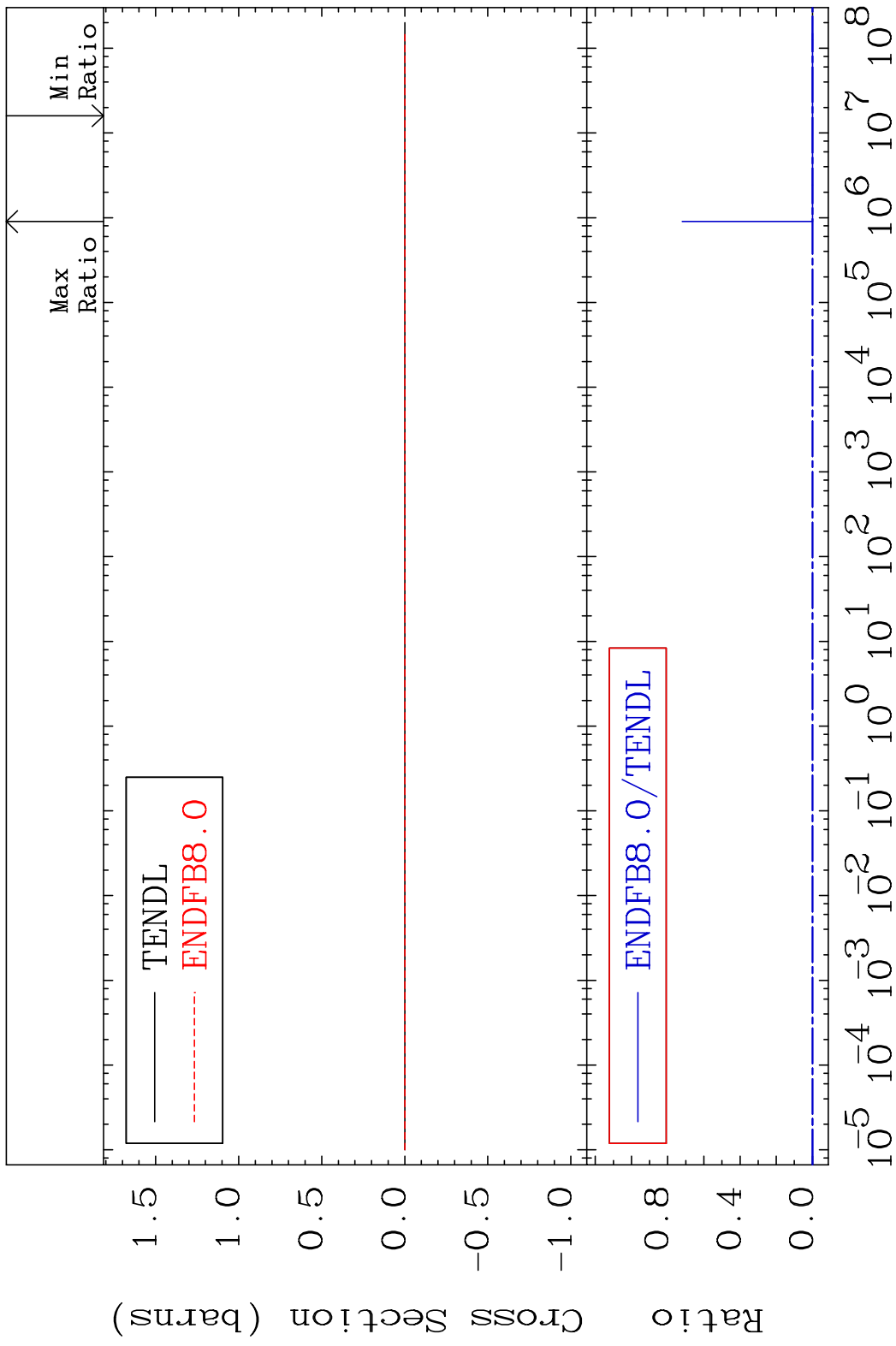


MAT 8325 Kerma inelastic (mt51-91) 83-Bi-209
 Cross Section -9999. To 9999. %

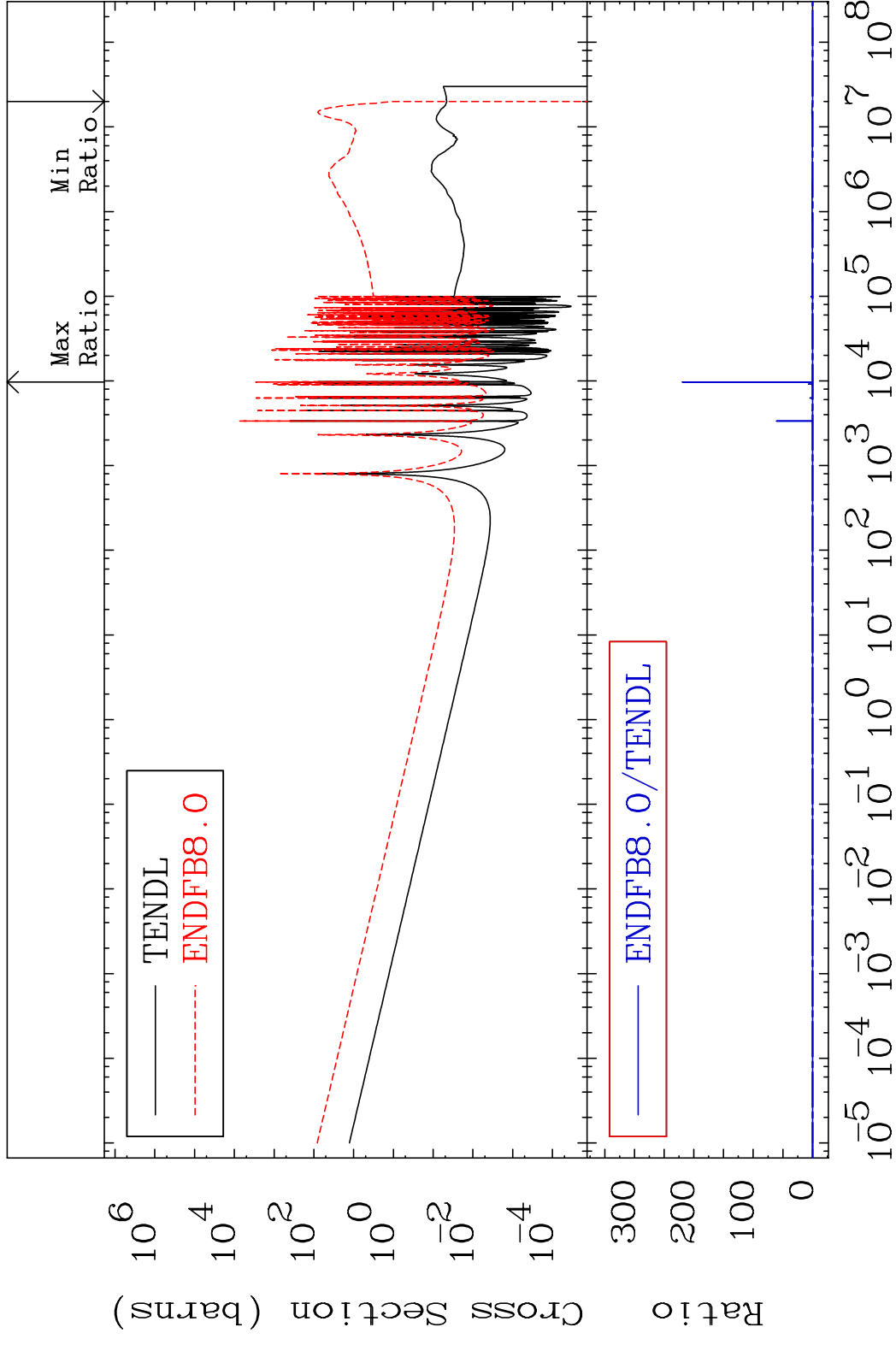


45 Incident Energy (eV) 83-Bi-209

MAT 8325 Kerma fission (mt18 or mt19-20-21-38)83-Bi-209
 Cross Section -9999. To 9999. %

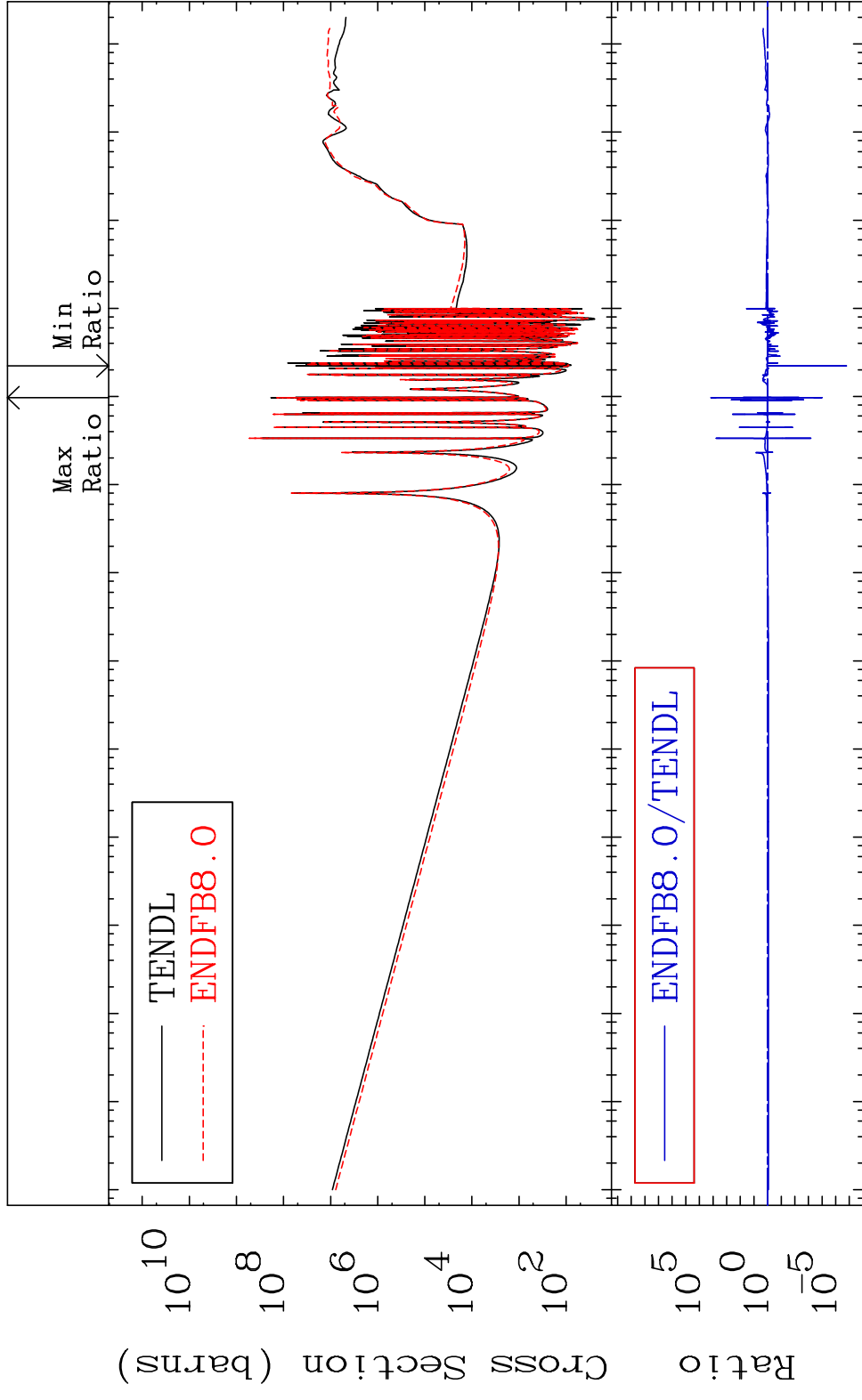


MAT 8325 Kerma capture (mt102) 83-Bi-209
 Cross Section -100.0 To 9999. %

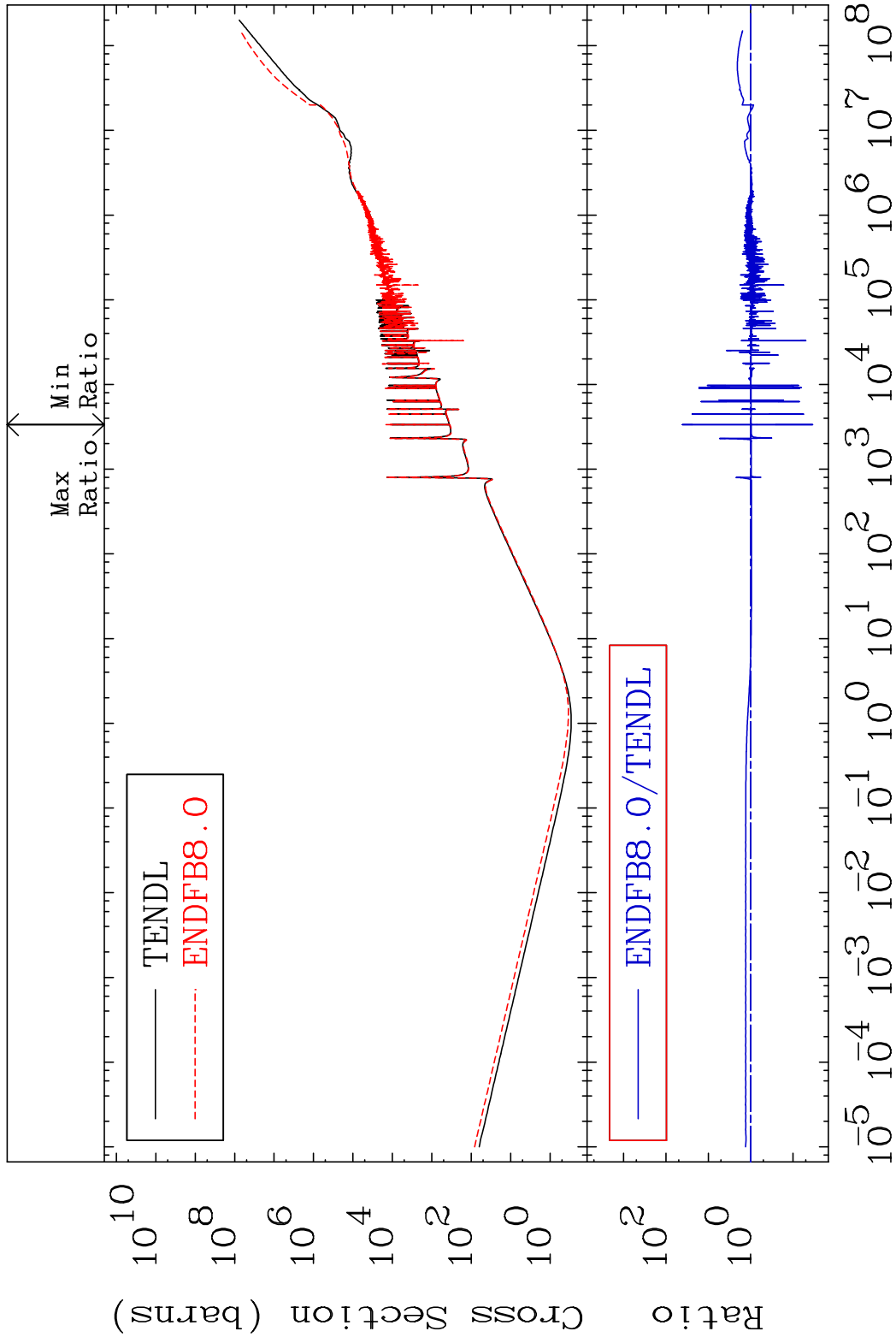


47 Incident Energy (eV) 83-Bi-209

MAT 8325 Total photon (eV-barns) 83-Bi-209
 Cross Section -100.0 To 9999. %



MAT 8325 Total kinematic kerma (high limit) 83-Bi-209
 Cross Section -96.55 To 3993. %

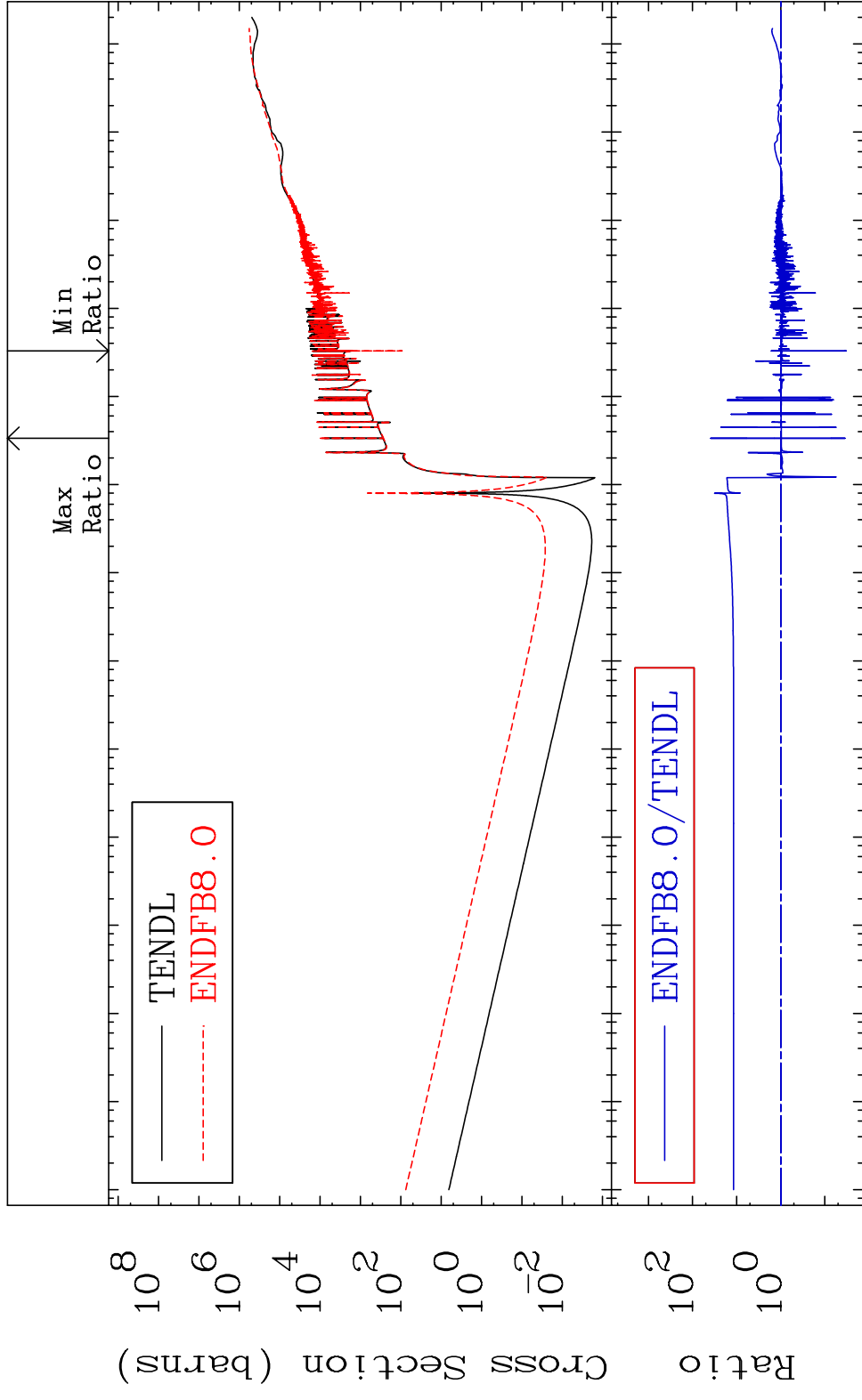


MAT 8325

Dpa total (eV-barns)

83-Bi-209

Cross Section -96.75 To 3765. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

50

Incident Energy (eV)

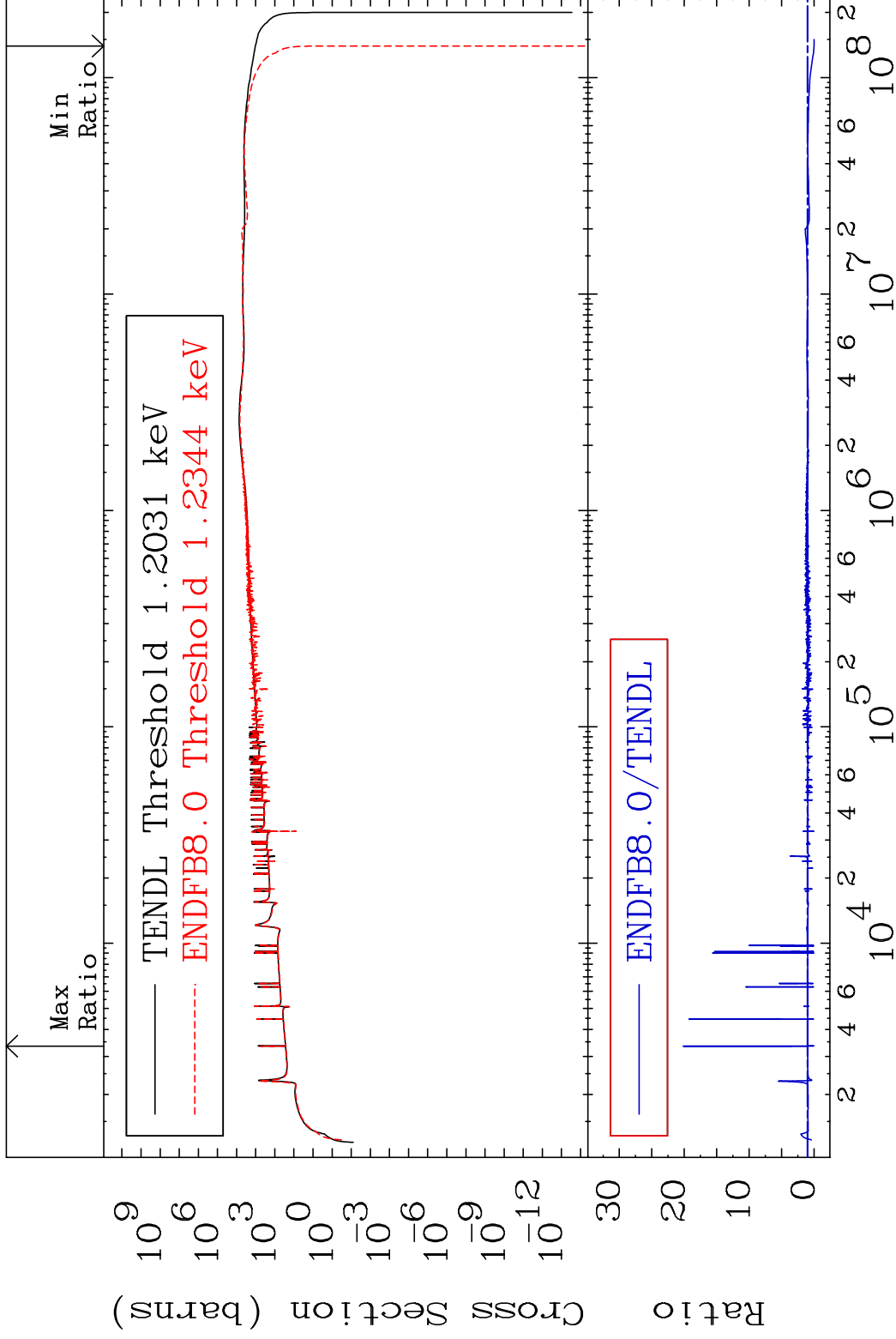
83-Bi-209

MAT 8325

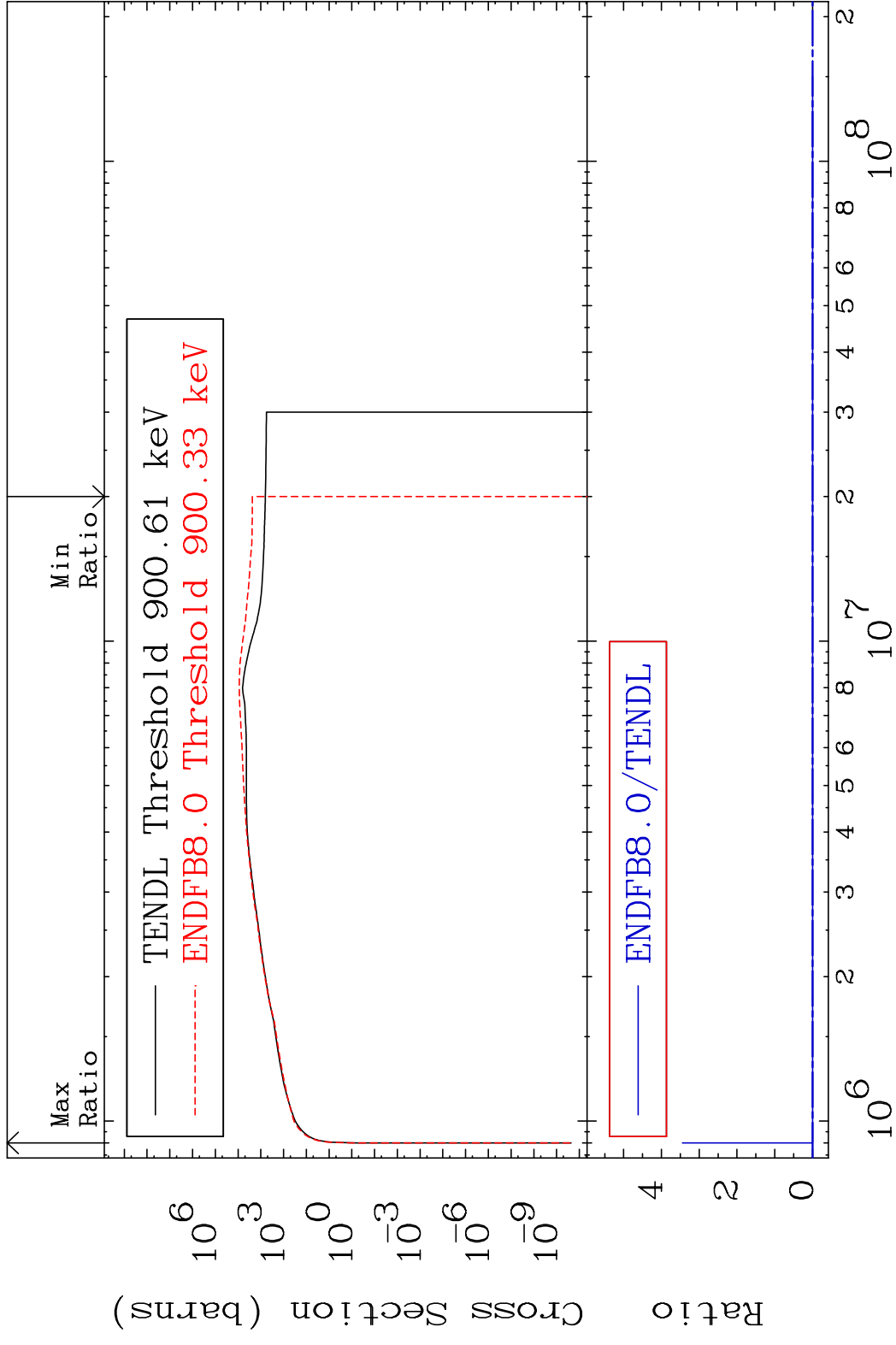
Dpa elastic (mt2)

83-Bi-209

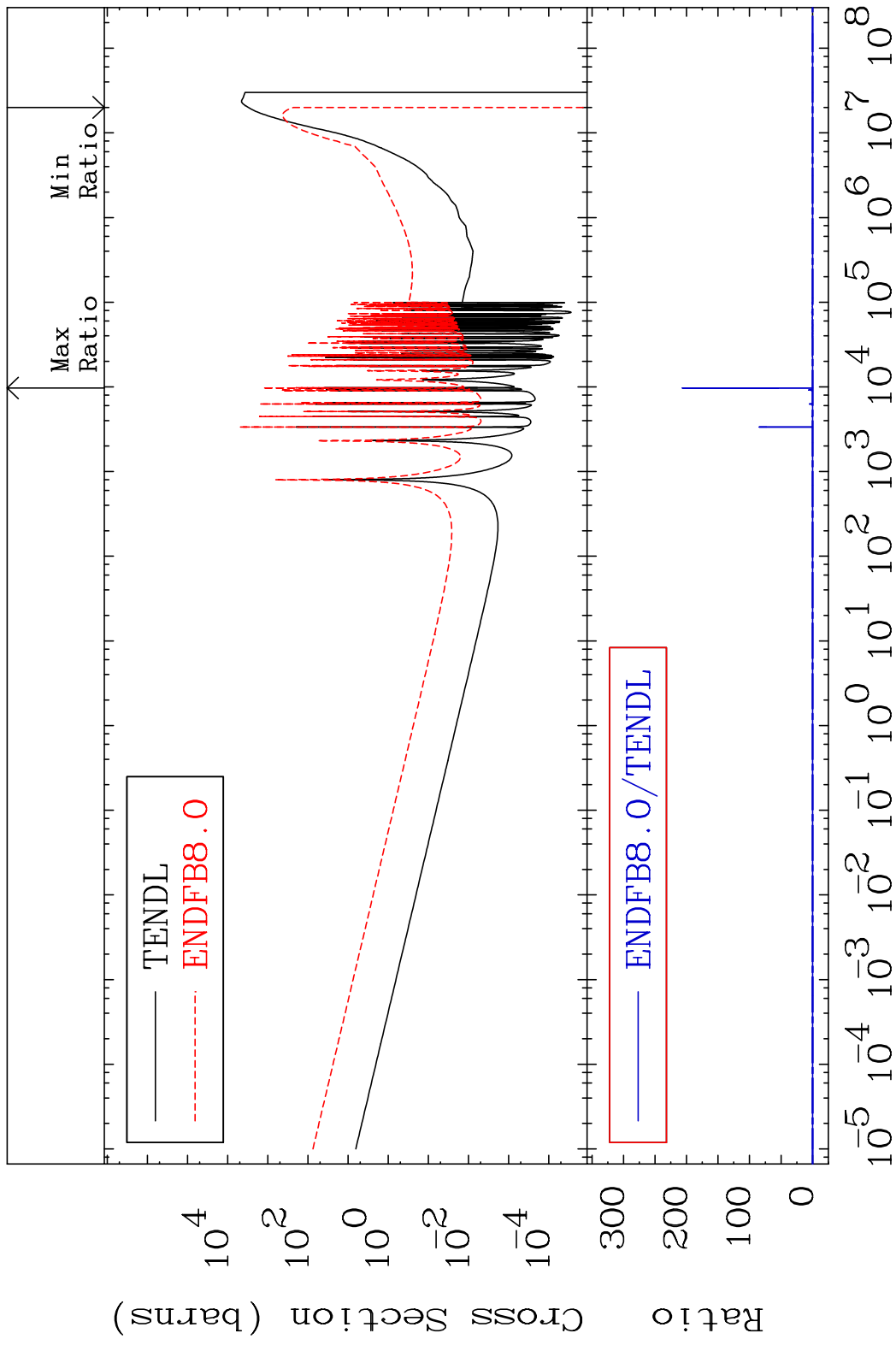
Cross Section -100.0 To 1912. %



MAT 8325 Dpa inelastic (mt51-91) 83-Bi-209
 Cross Section -100.0 To 9999. %



MAT 8325 Dpa disappearance (mt102 -120) 83-Bi-209
 Cross Section -100.0 To 9999. %



53 Incident Energy (eV) 83-Bi-209