

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

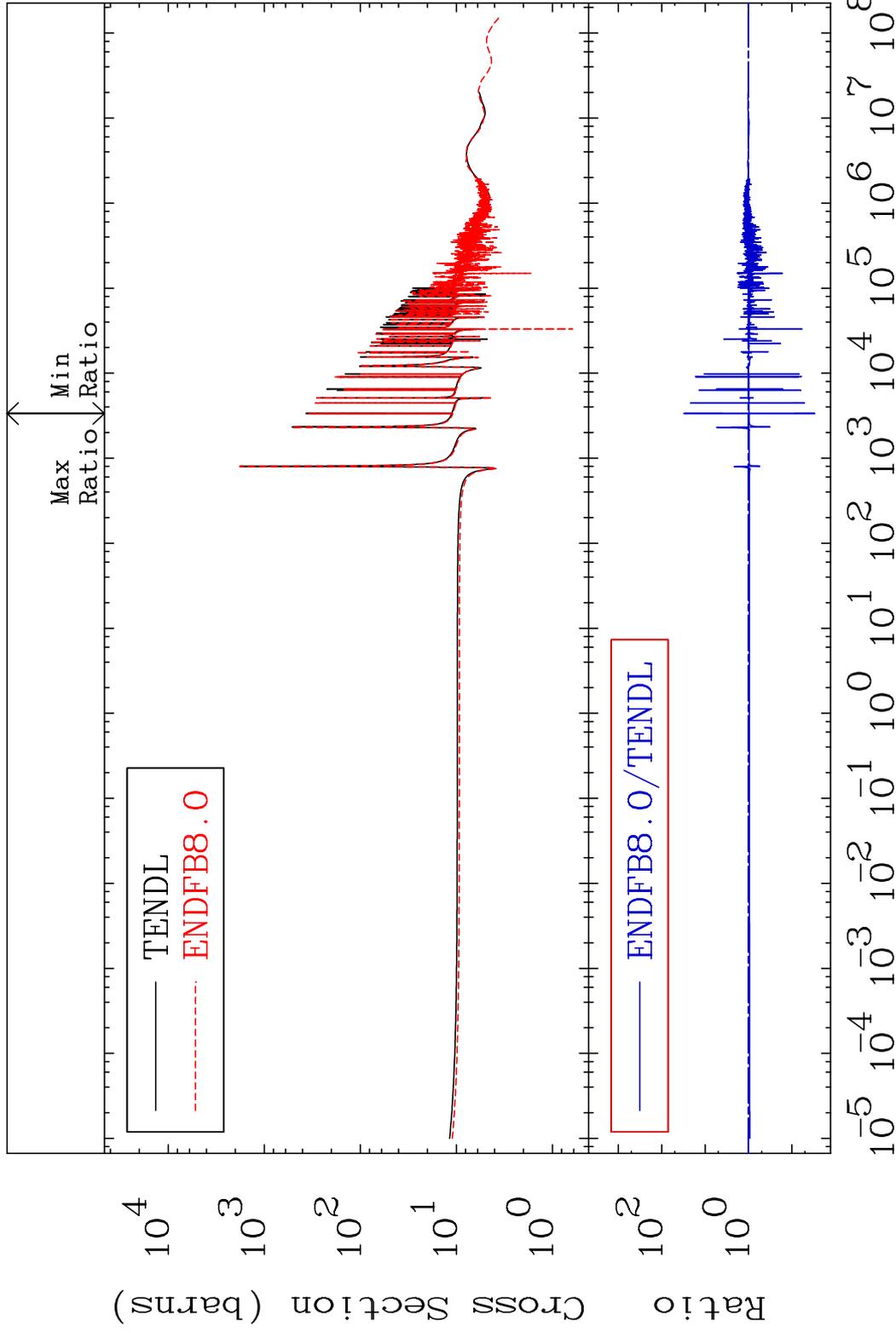
MAT 8325

Total

83-Bi-209

Cross Section

-97.01 To 2948. %



1

Incident Energy (eV)

83-Bi-209

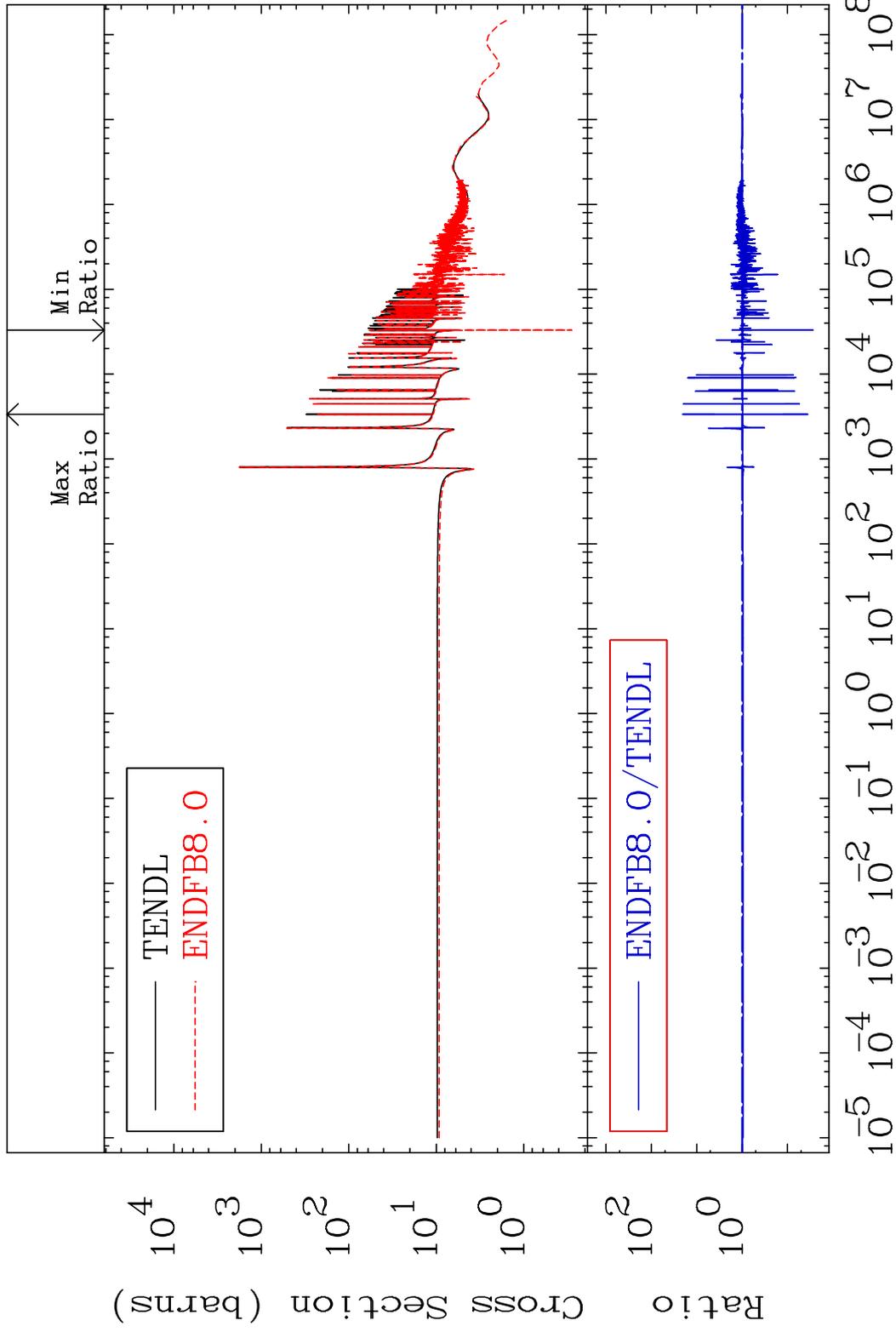
MAT 8325

Elastic

83-Bi-209

Cross Section

-97.27 To 1921. %



2

Incident Energy (eV)

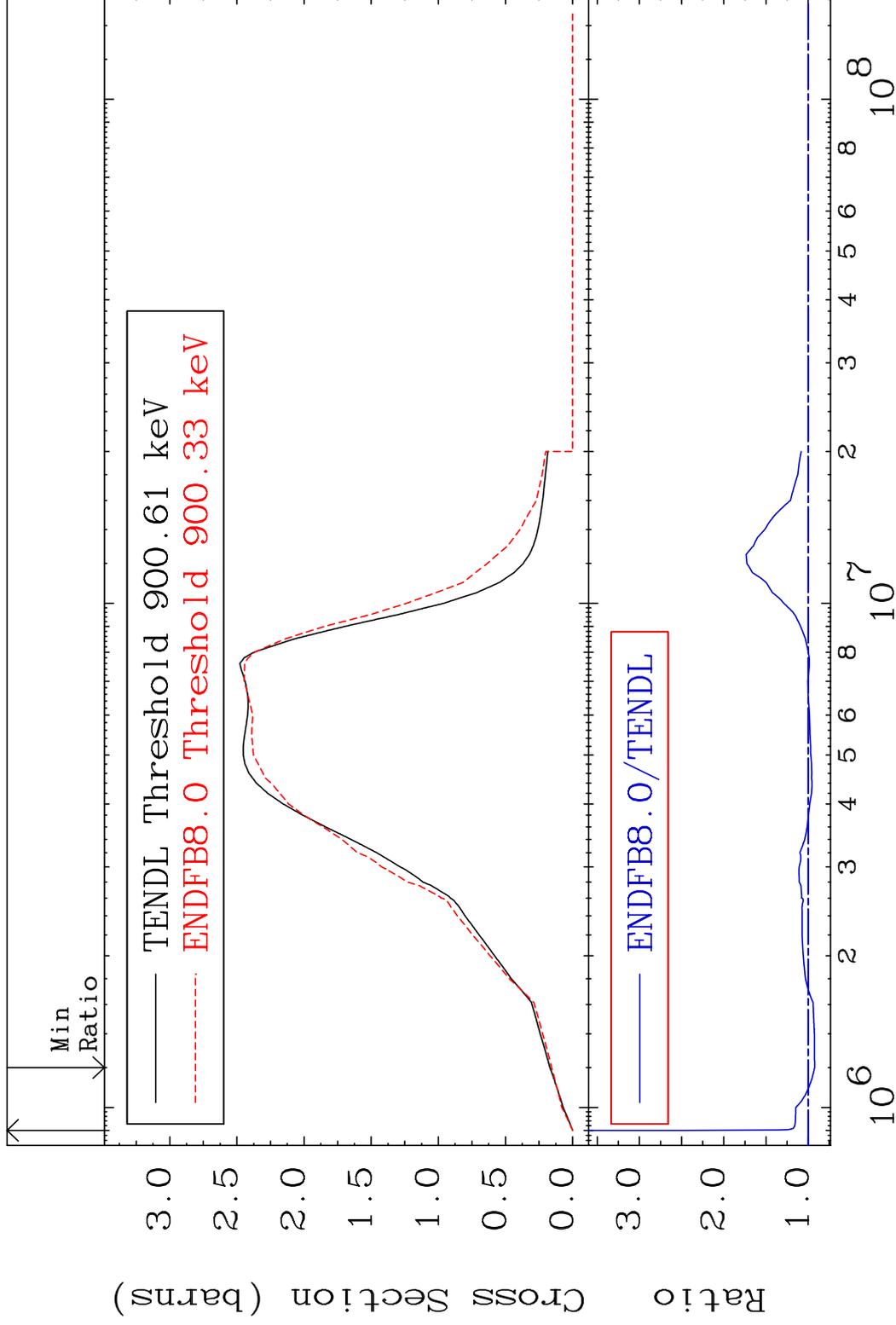
83-Bi-209

MAT 8325

Inelastic

83-Bi-209

Cross Section -7.748 To 147.0 %

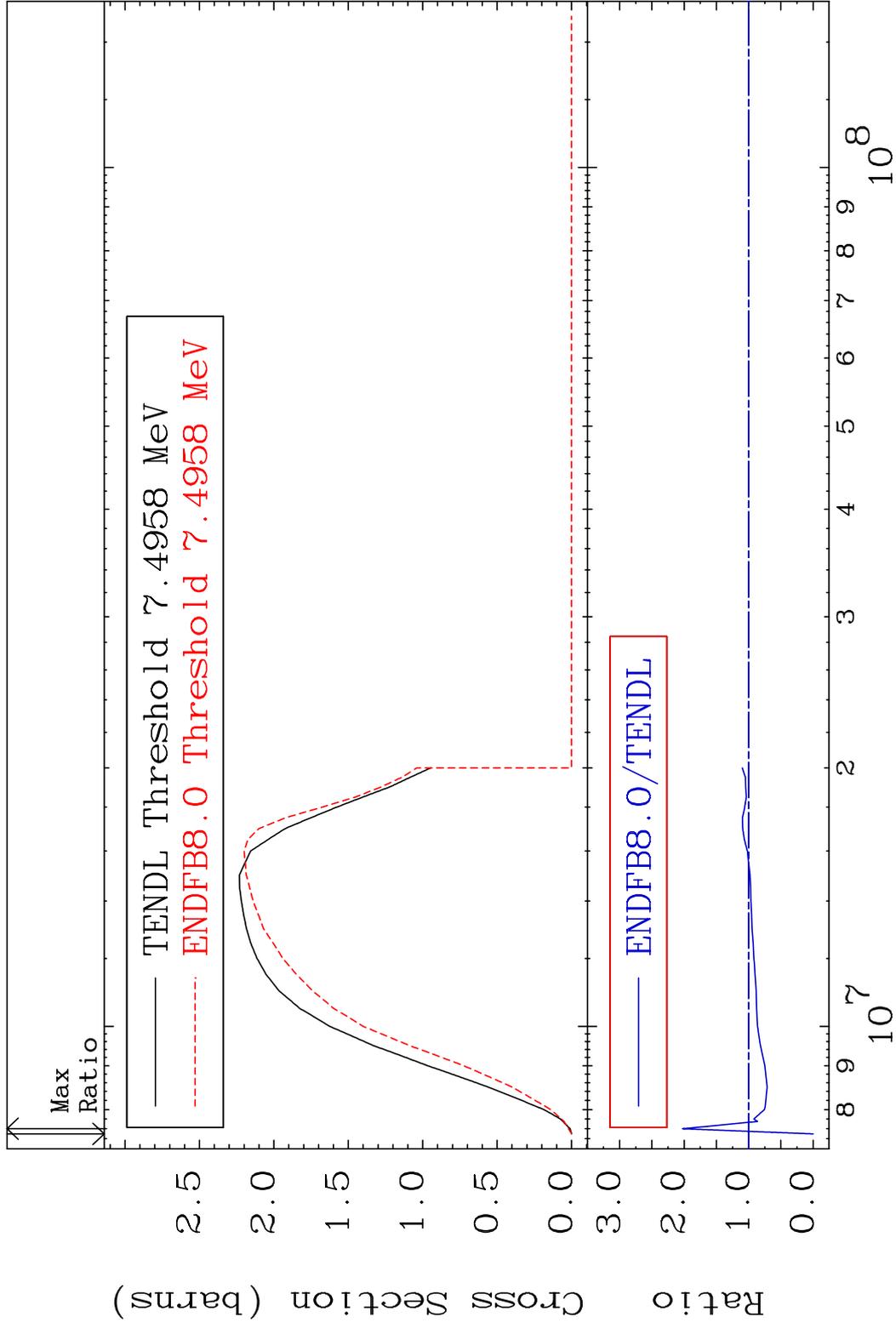


3

Incident Energy (eV)

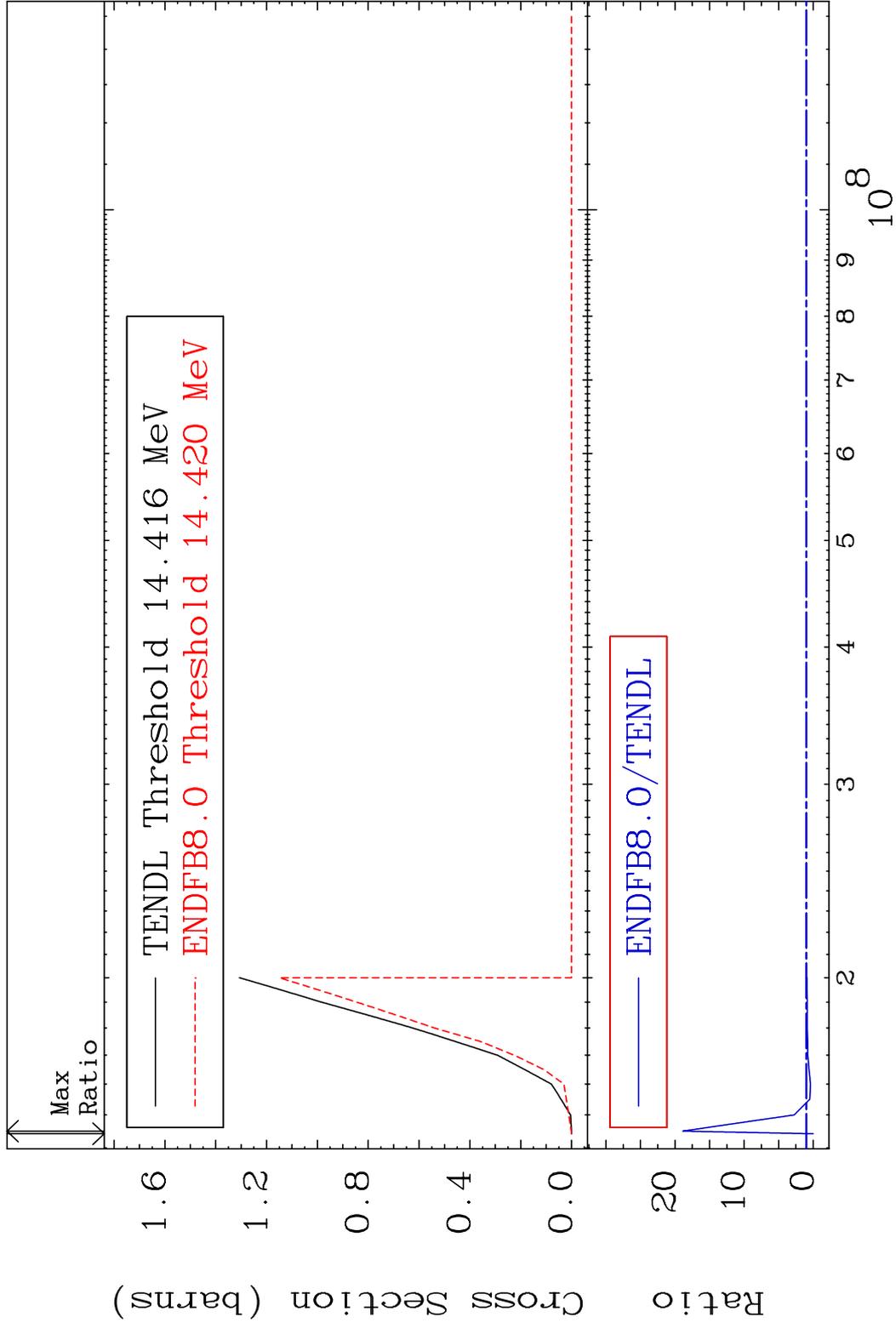
83-Bi-209

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



4 Incident Energy (eV) 83-Bi-209

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

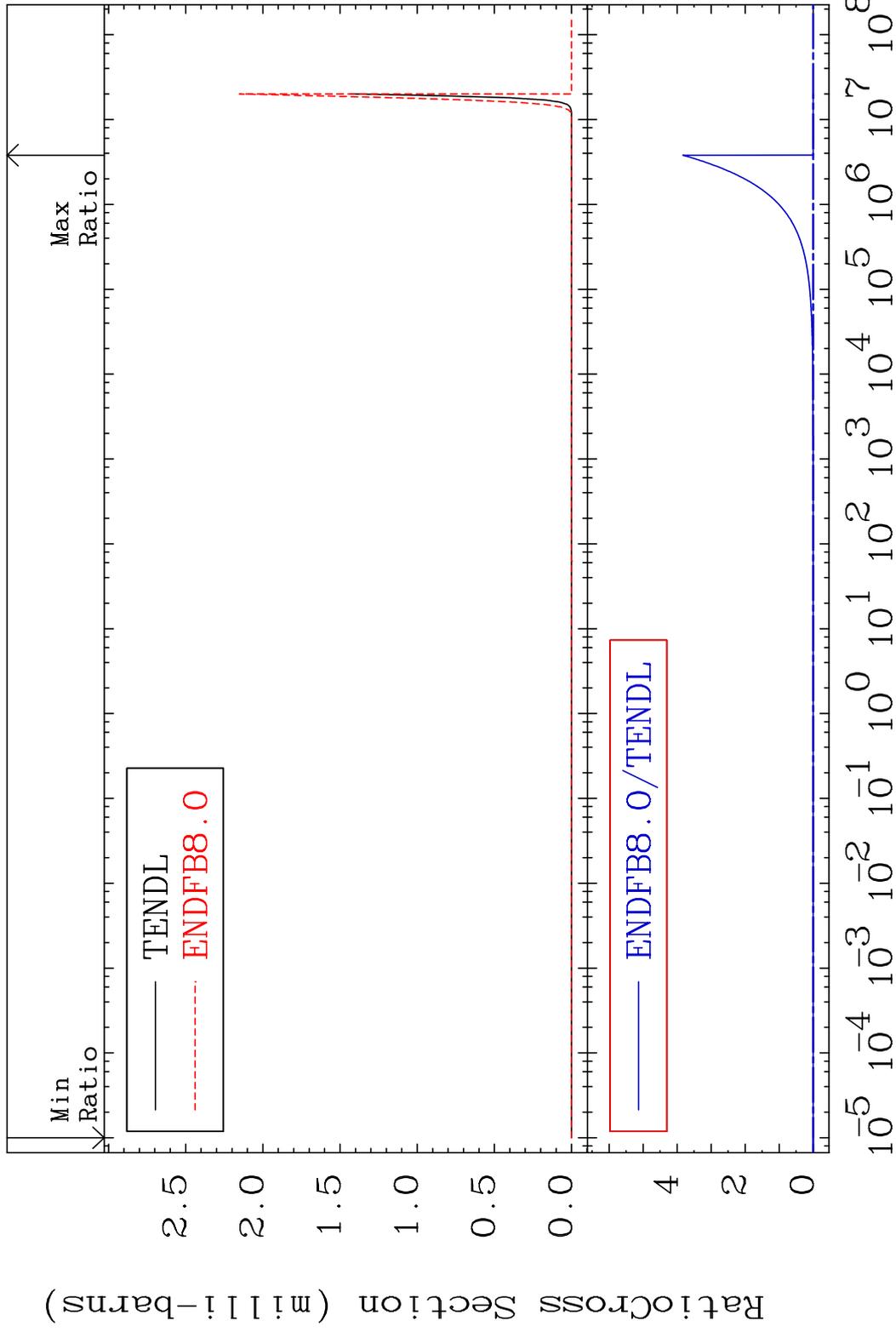


MAT 8325

(n, n') α

83-Bi-209

Cross Section -100.0 To 9999. %



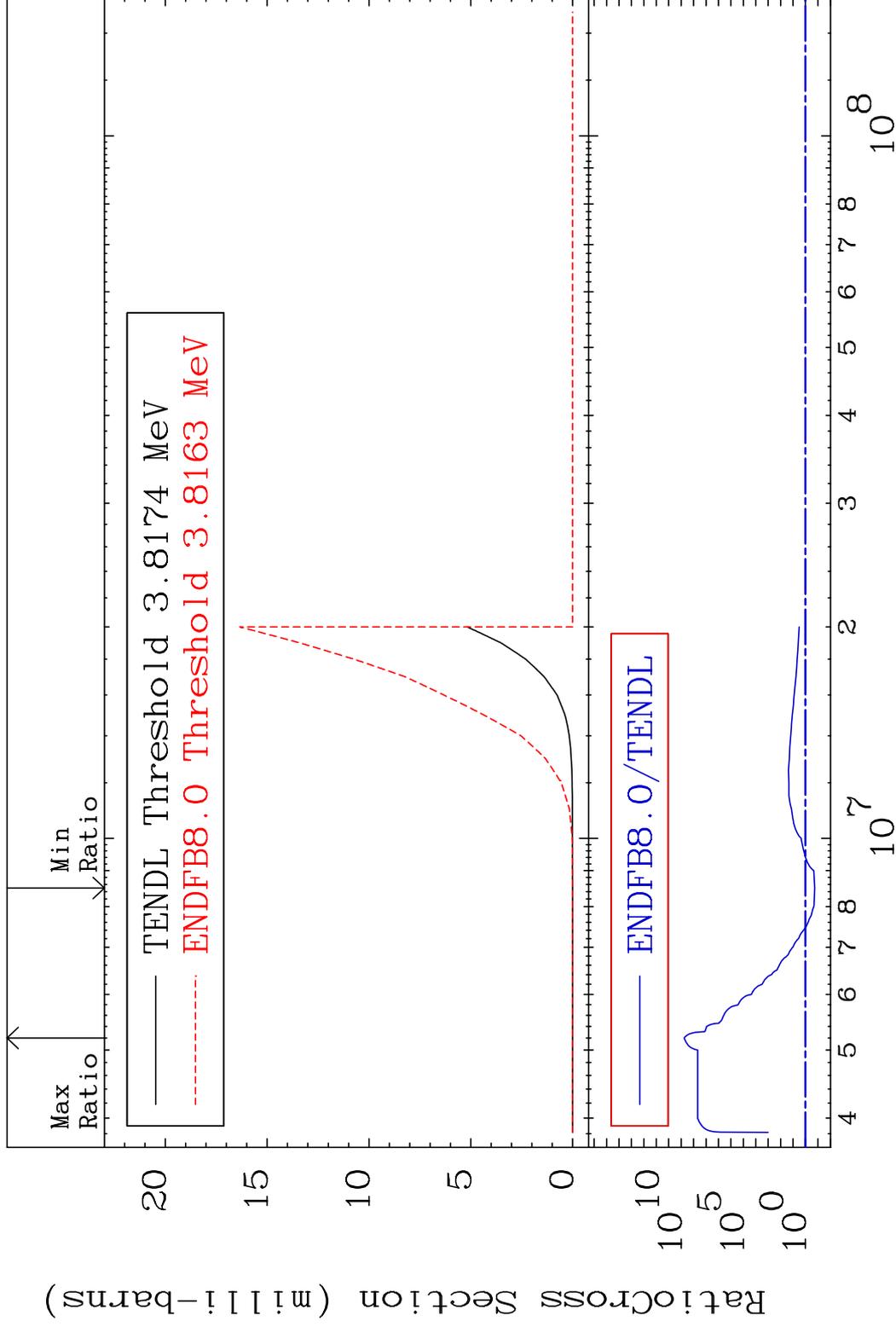
MAT 8325

(n, n') p

83-Bi-209

Cross Section

-81.89 To 9999. %

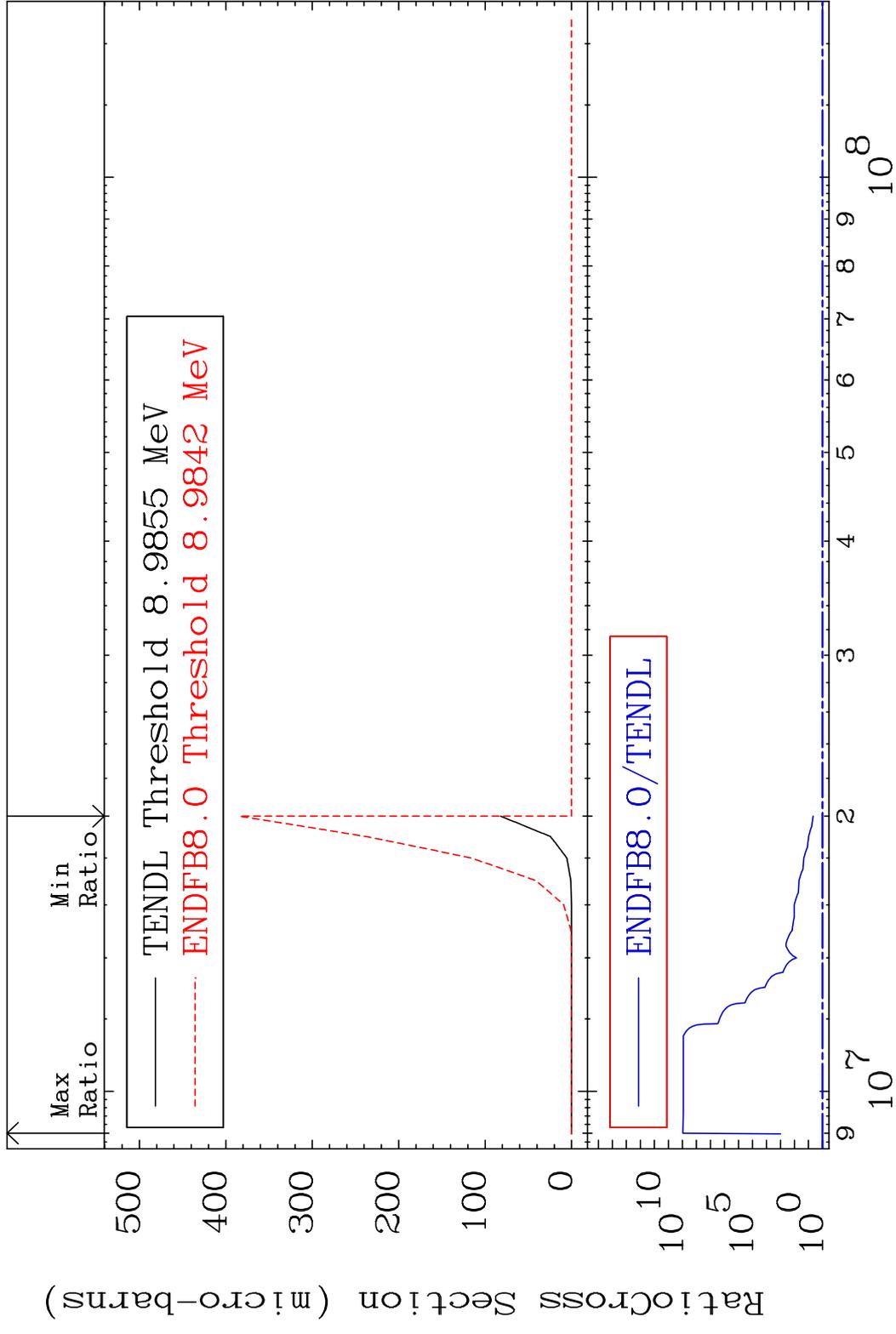


7

Incident Energy (eV)

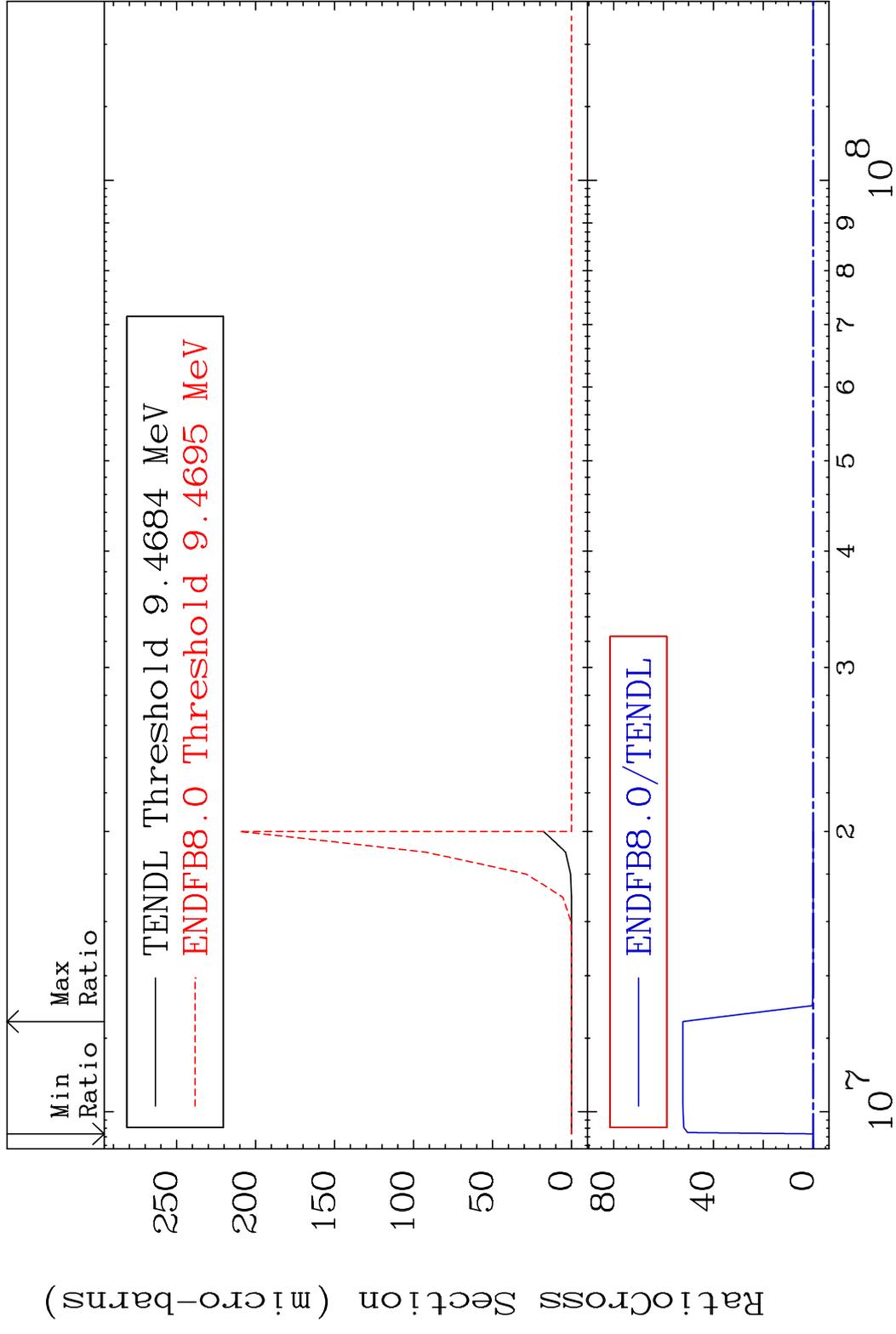
83-Bi-209

MAT 8325 (n, n') d 83-Bi-209
 Cross Section 367.1 To 9999. %



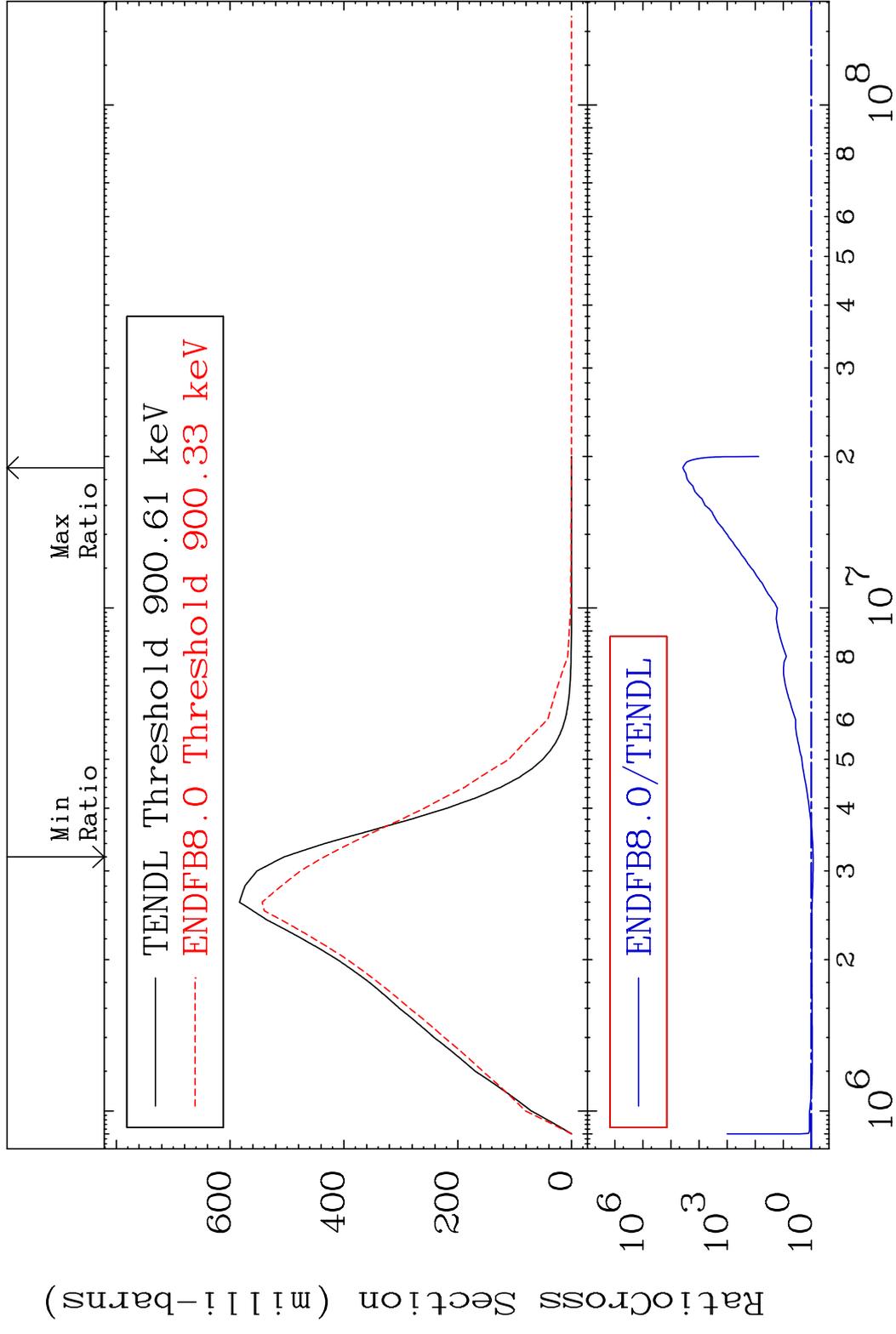
8 83-Bi-209

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



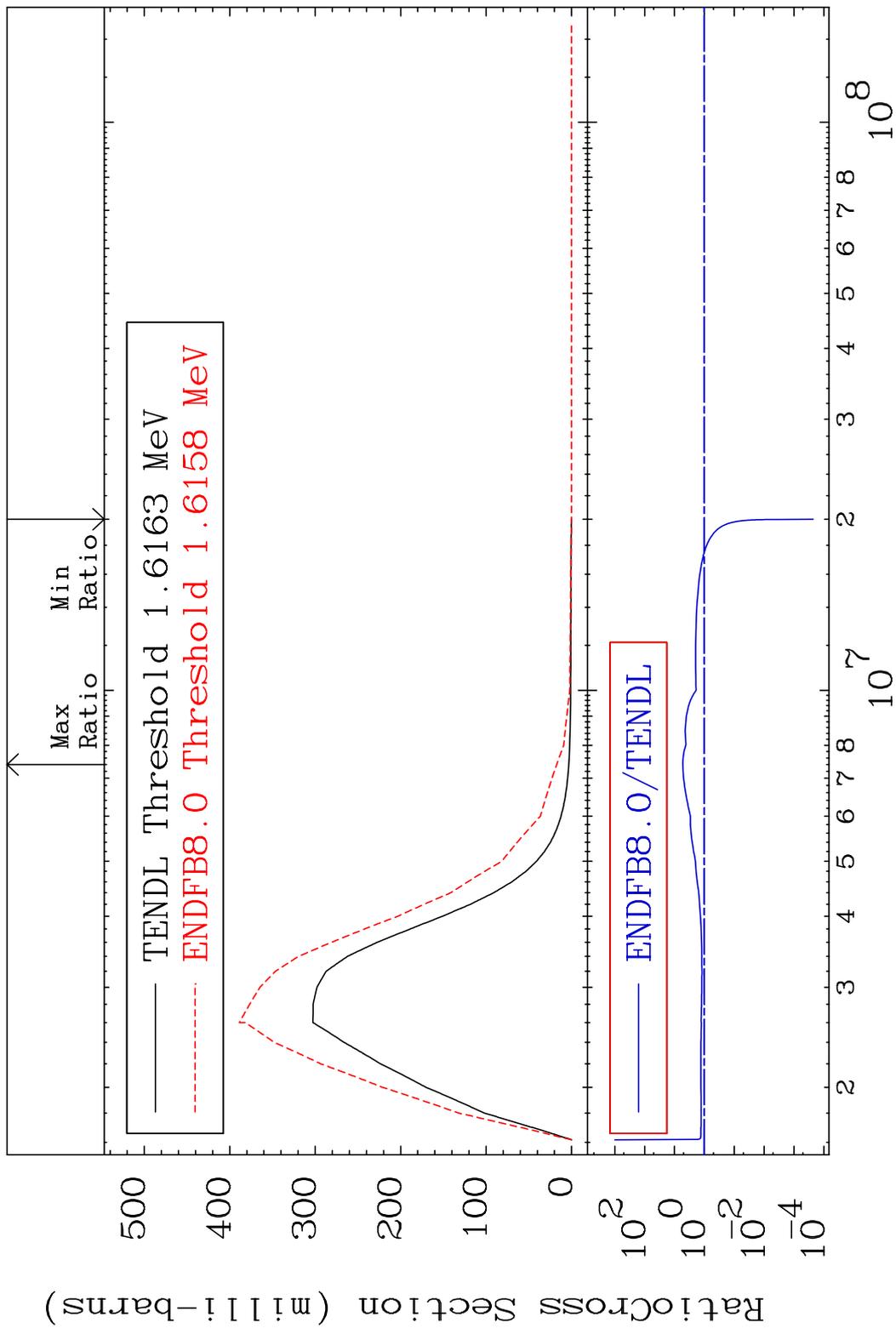
9 83-Bi-209

MAT 8325 MT= 51 (n, n') Level 83-Bi-209
 Cross Section -13.96 To 9999. %

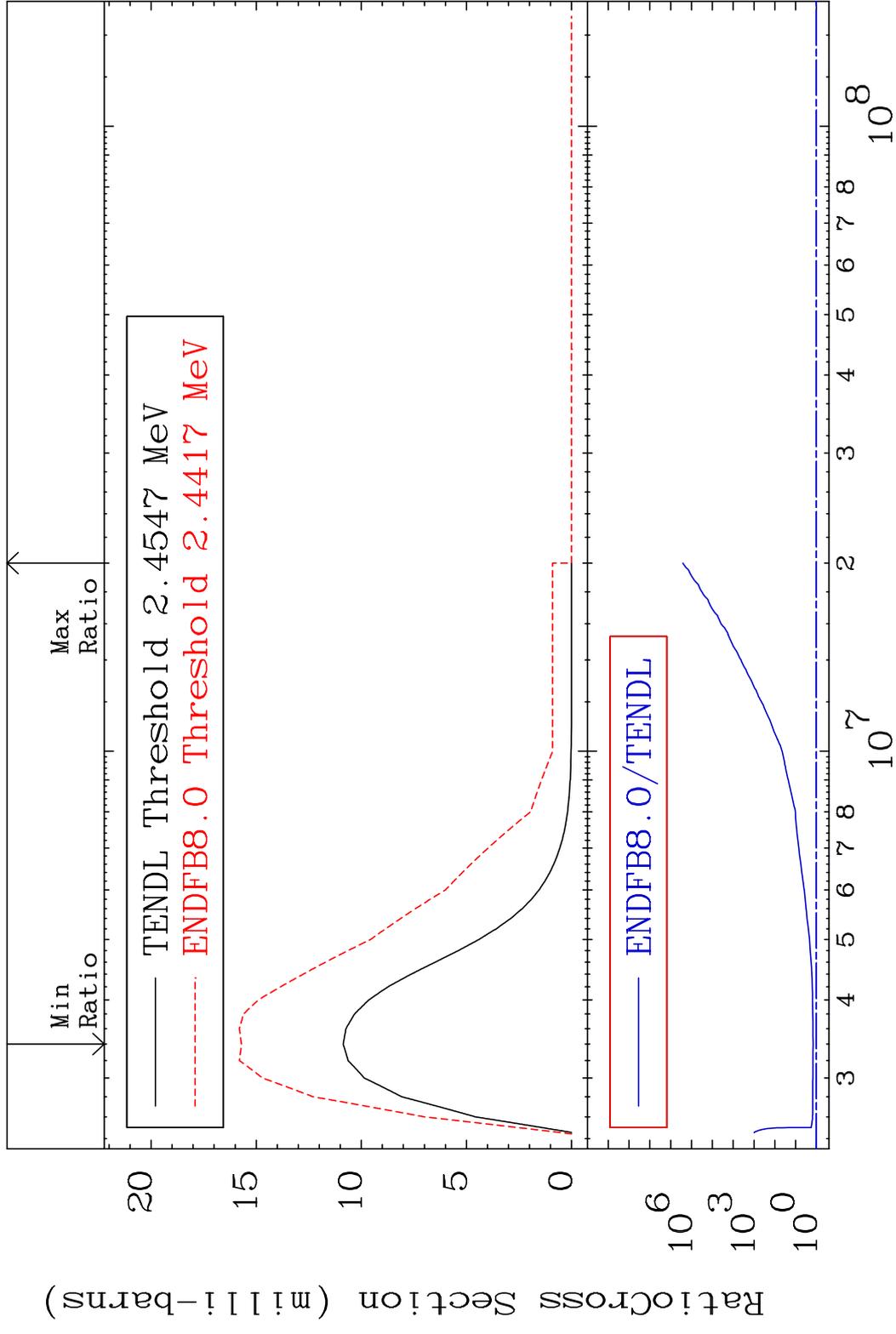


10 10⁶ 10⁷ 10⁸ 83-Bi-209

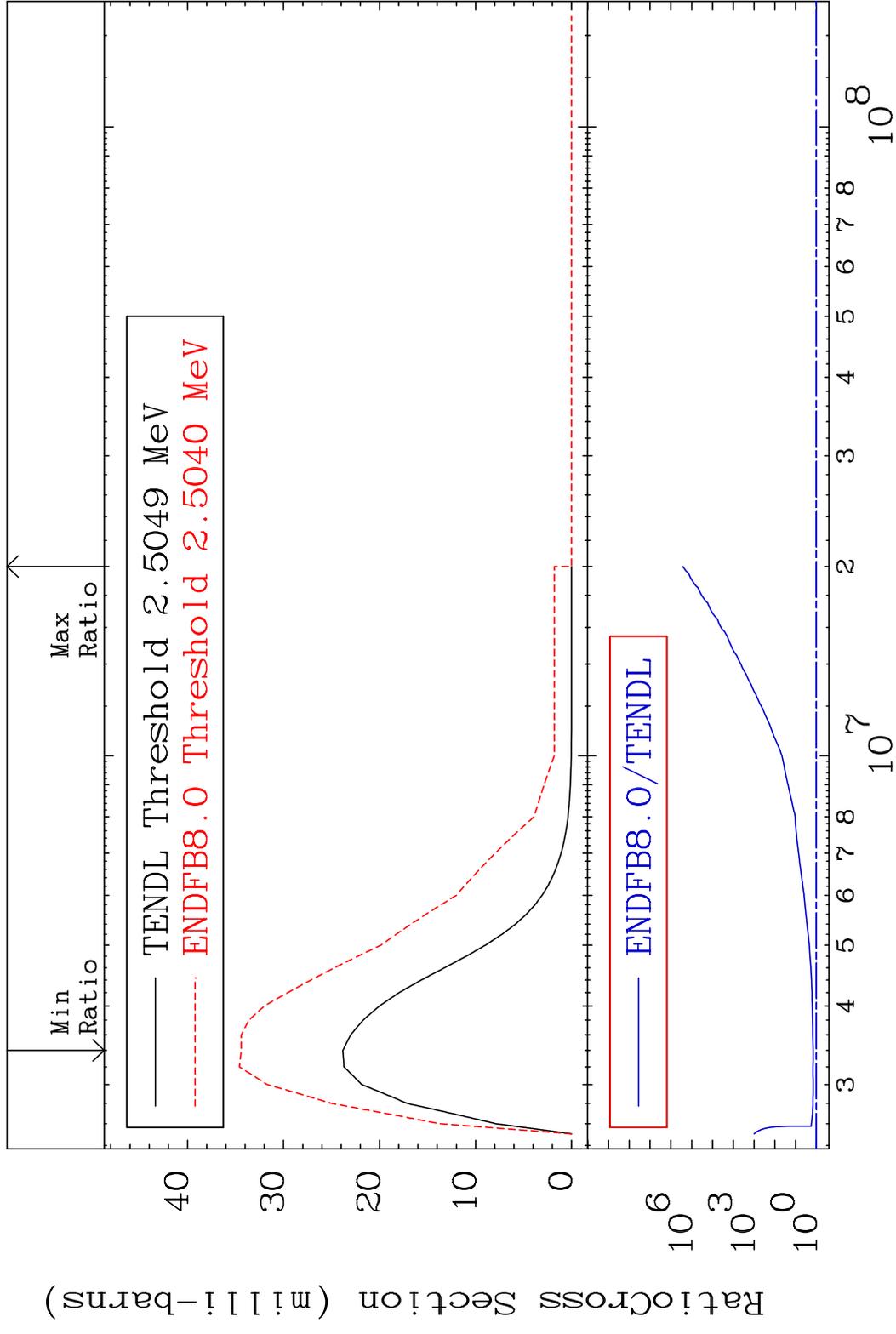
MAT 8325 MT= 52 (n, n') Level 83-Bi-209
 Cross Section -99.98 To 427.4 %



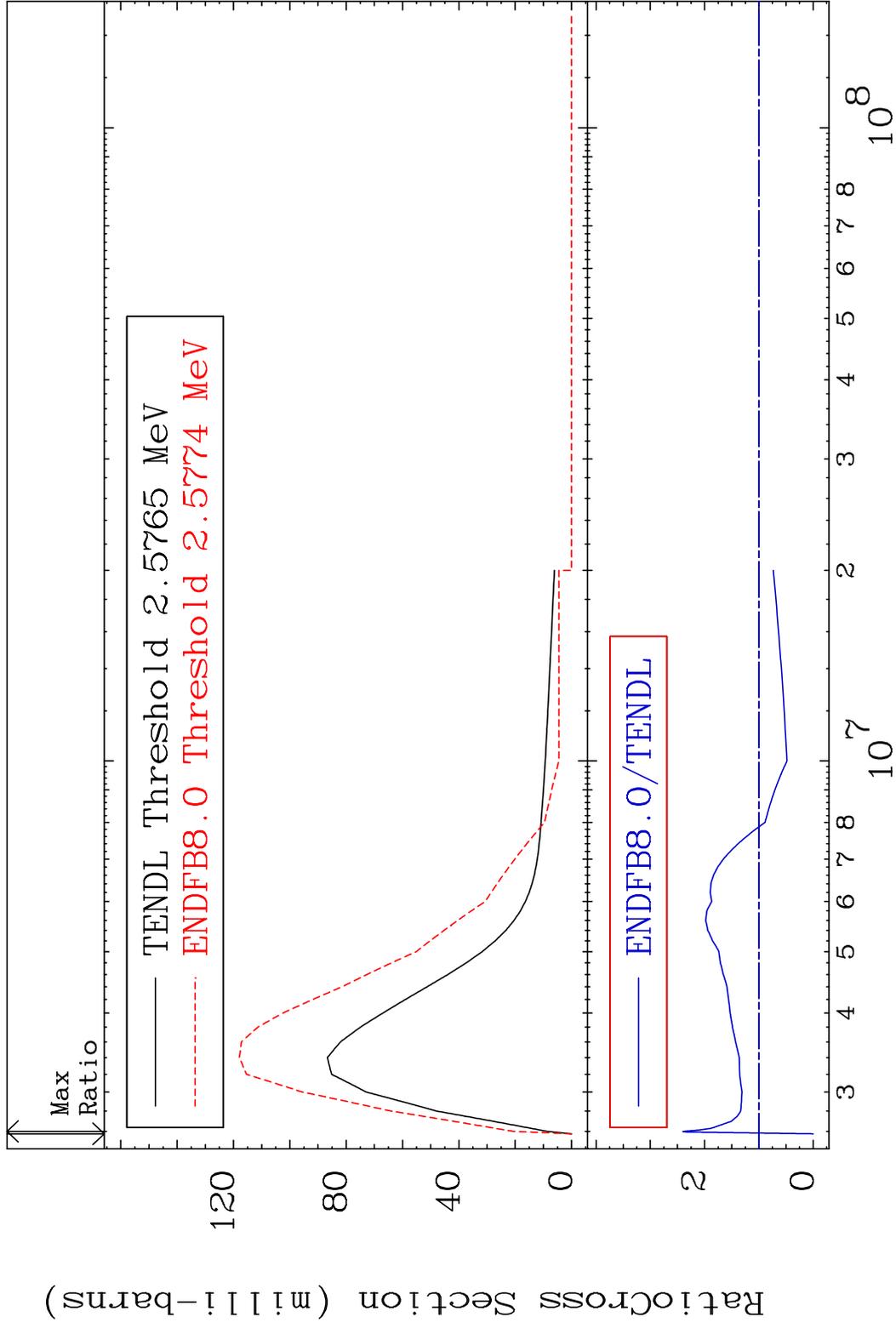
MAT 8325 MT= 53 (n, n') Level 83-Bi-209
 Cross Section 44.53 To 9999. %



MAT 8325 MT= 54 (n, n') Level 83-Bi-209
 Cross Section 44.42 To 9999. %

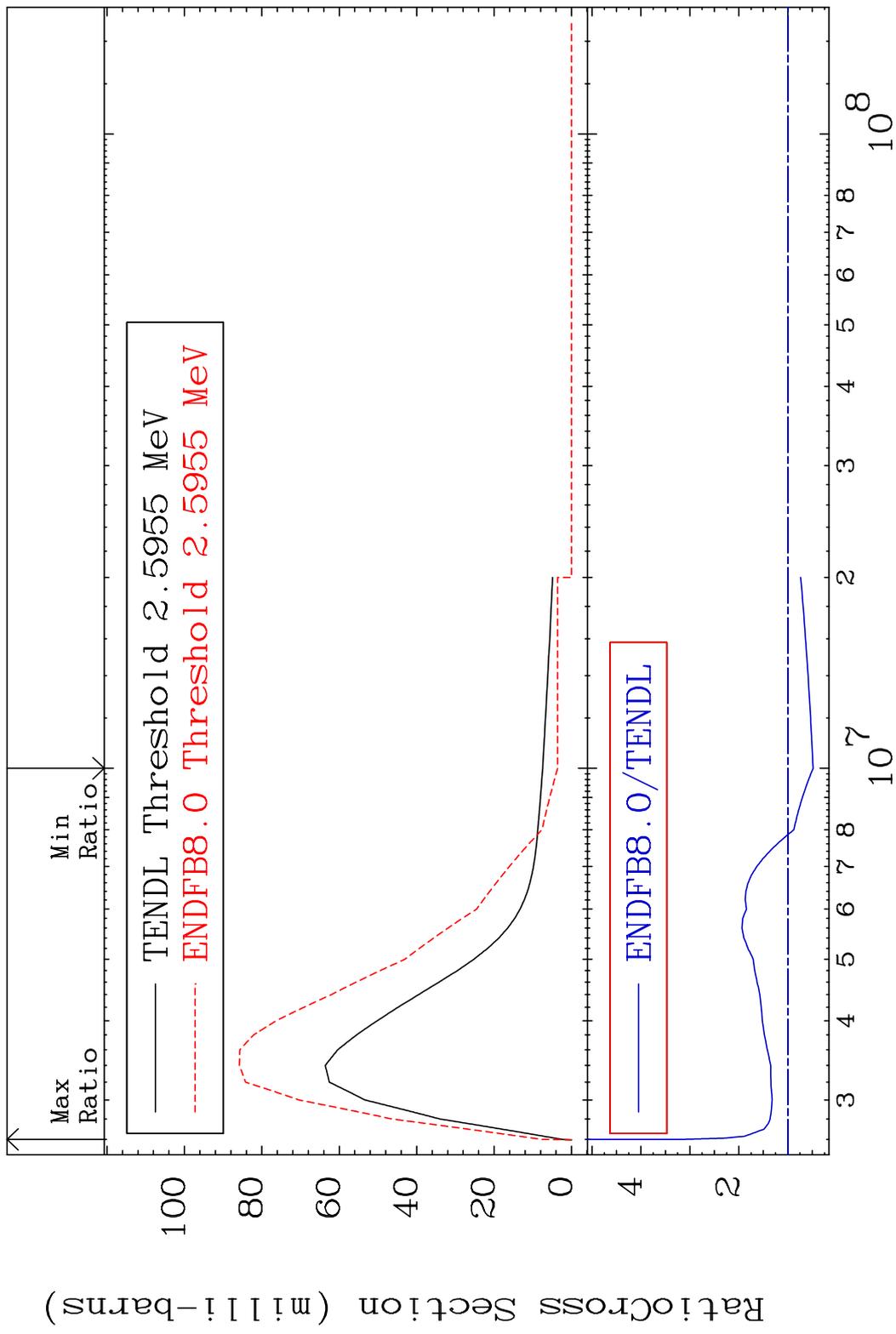


MAT 8325 MT= 55 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 140.1 %



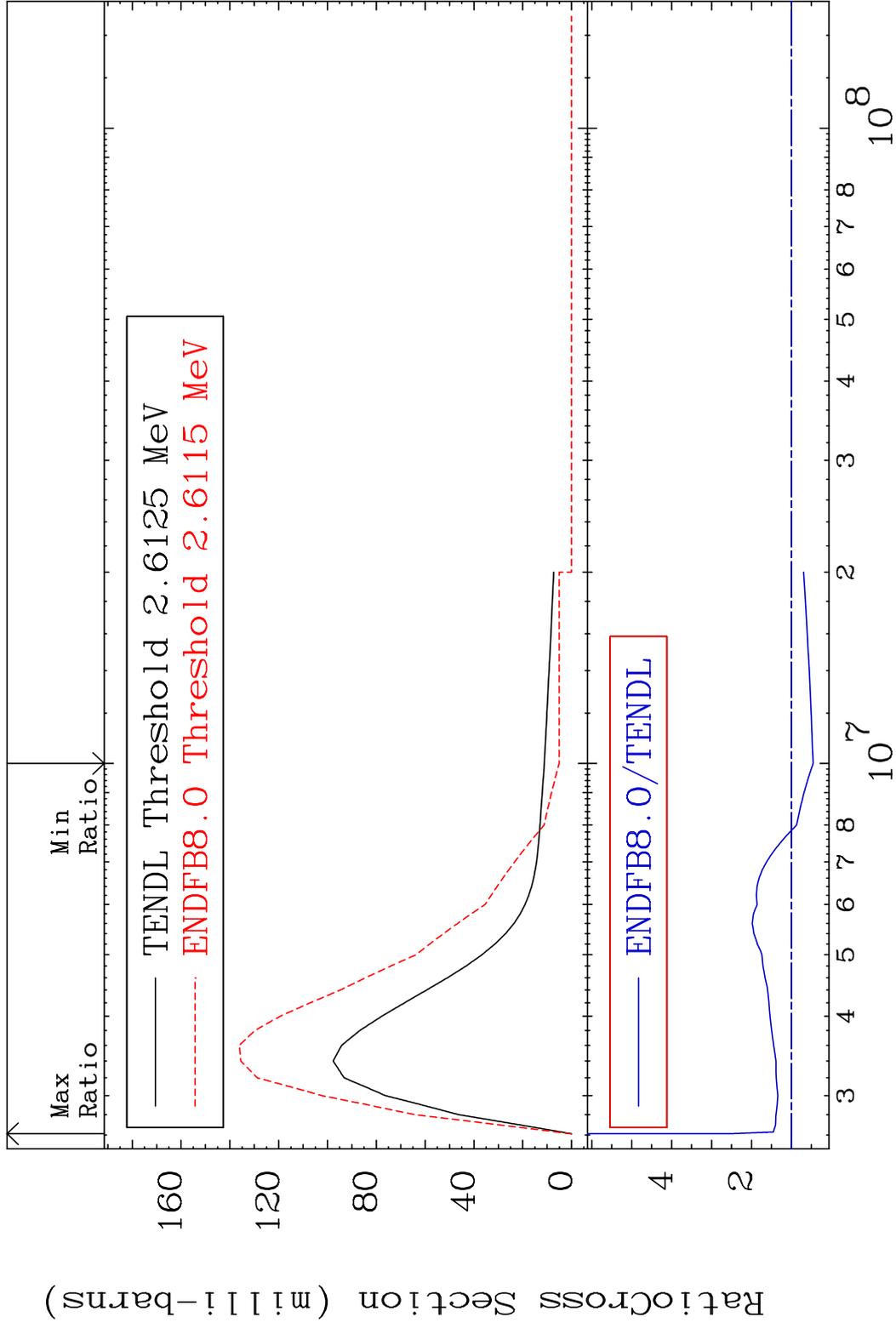
14 83-Bi-209

MAT 8325 MT= 56 (n,n') Level 83-Bi-209
 Cross Section -51.81 To 214.4 %



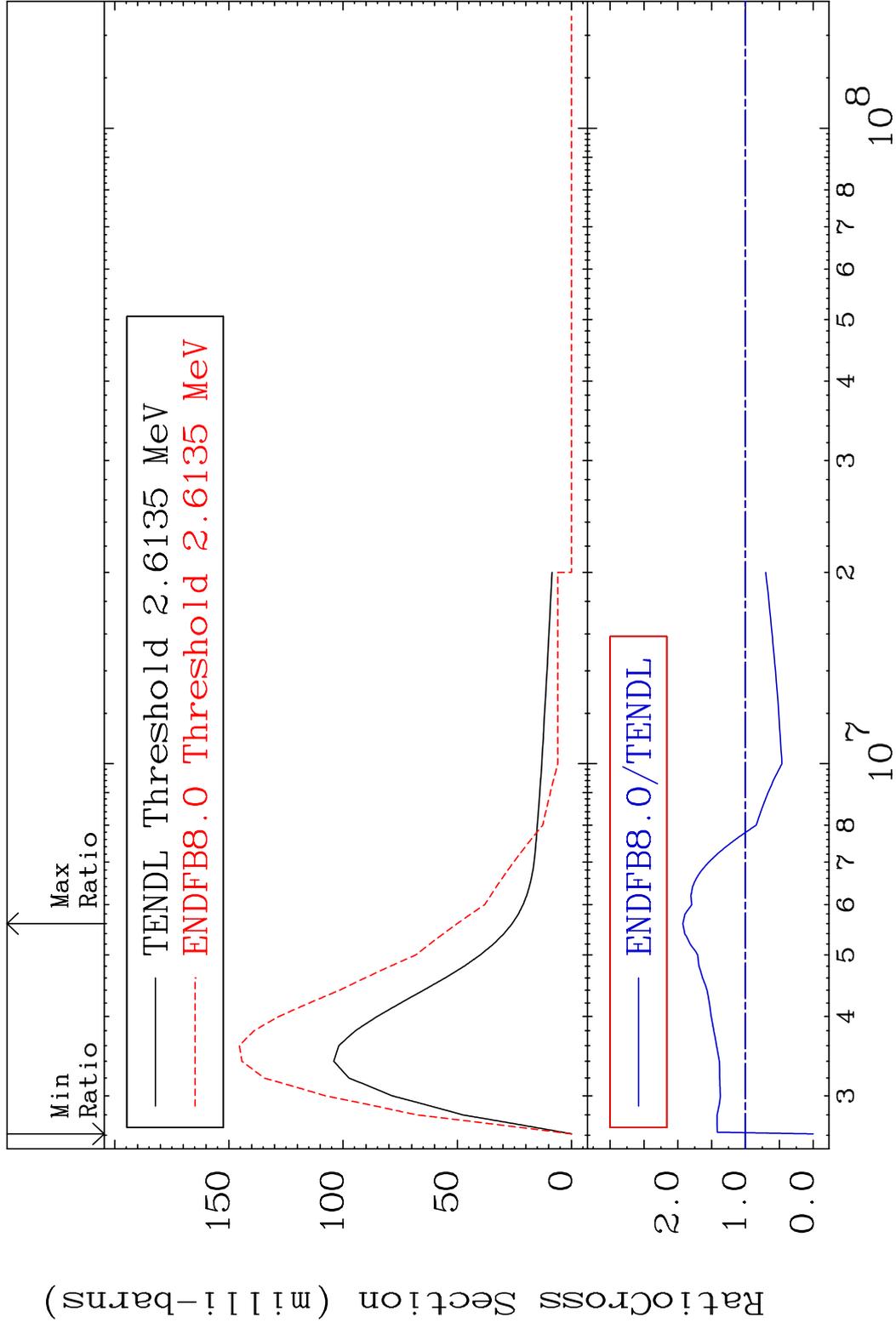
15 83-Bi-209

MAT 8325 MT= 57 (n,n') Level 83-Bi-209
 Cross Section -54.42 To 271.9 %

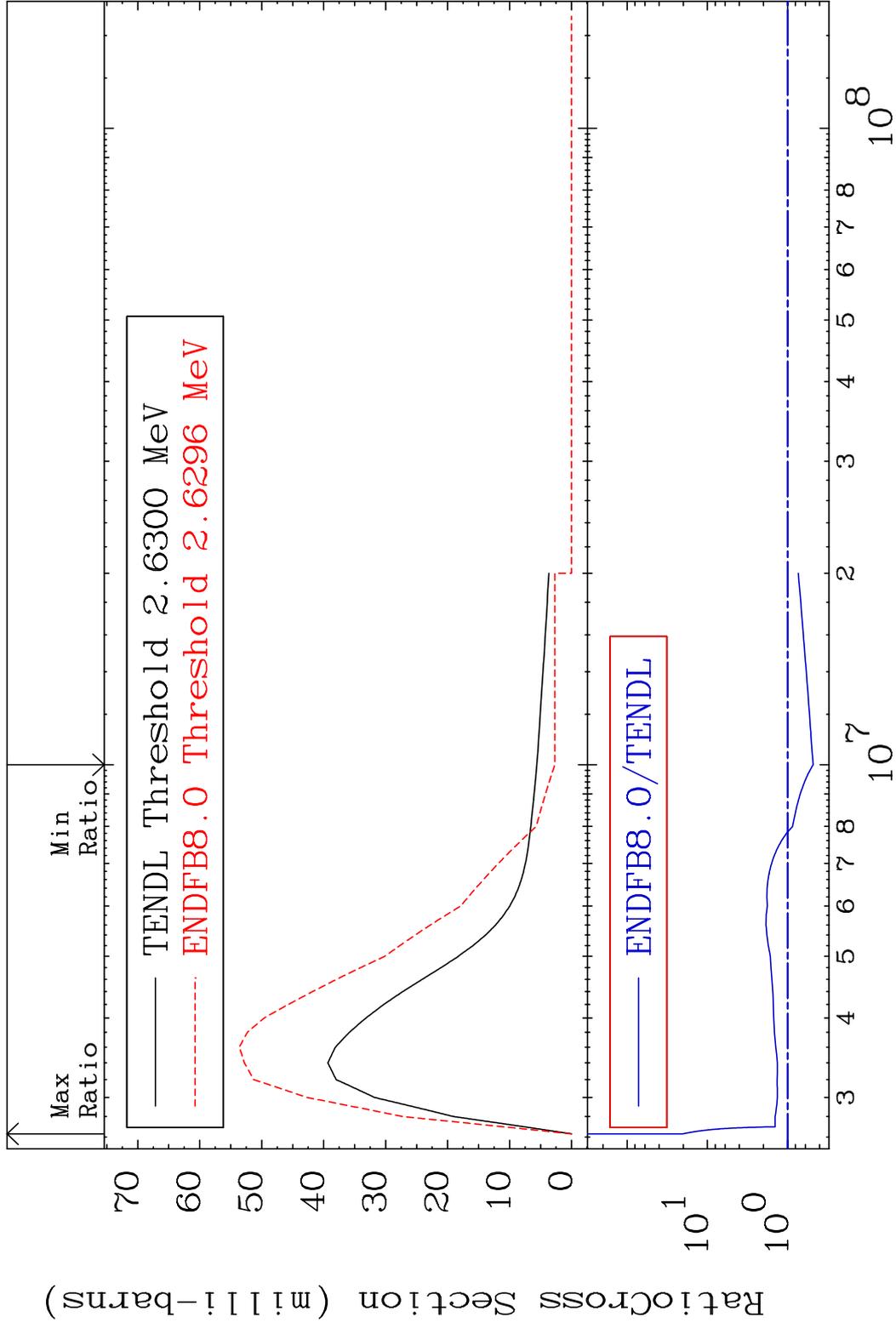


16 Incident Energy (eV) 83-Bi-209

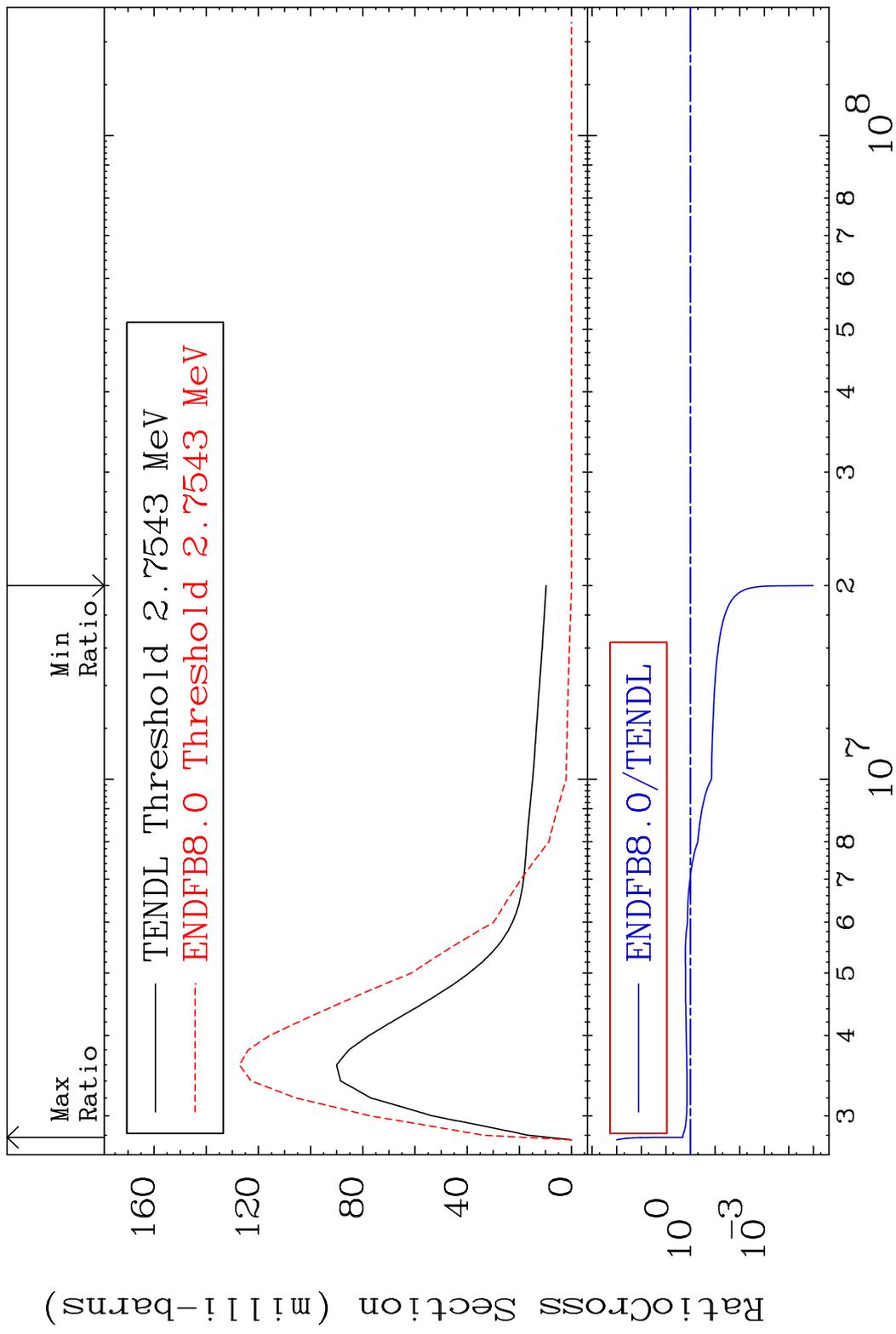
MAT 8325 MT= 58 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 92.57 %



MAT 8325 MT= 59 (n,n') Level 83-Bi-209
 Cross Section -51.86 To 1923. %

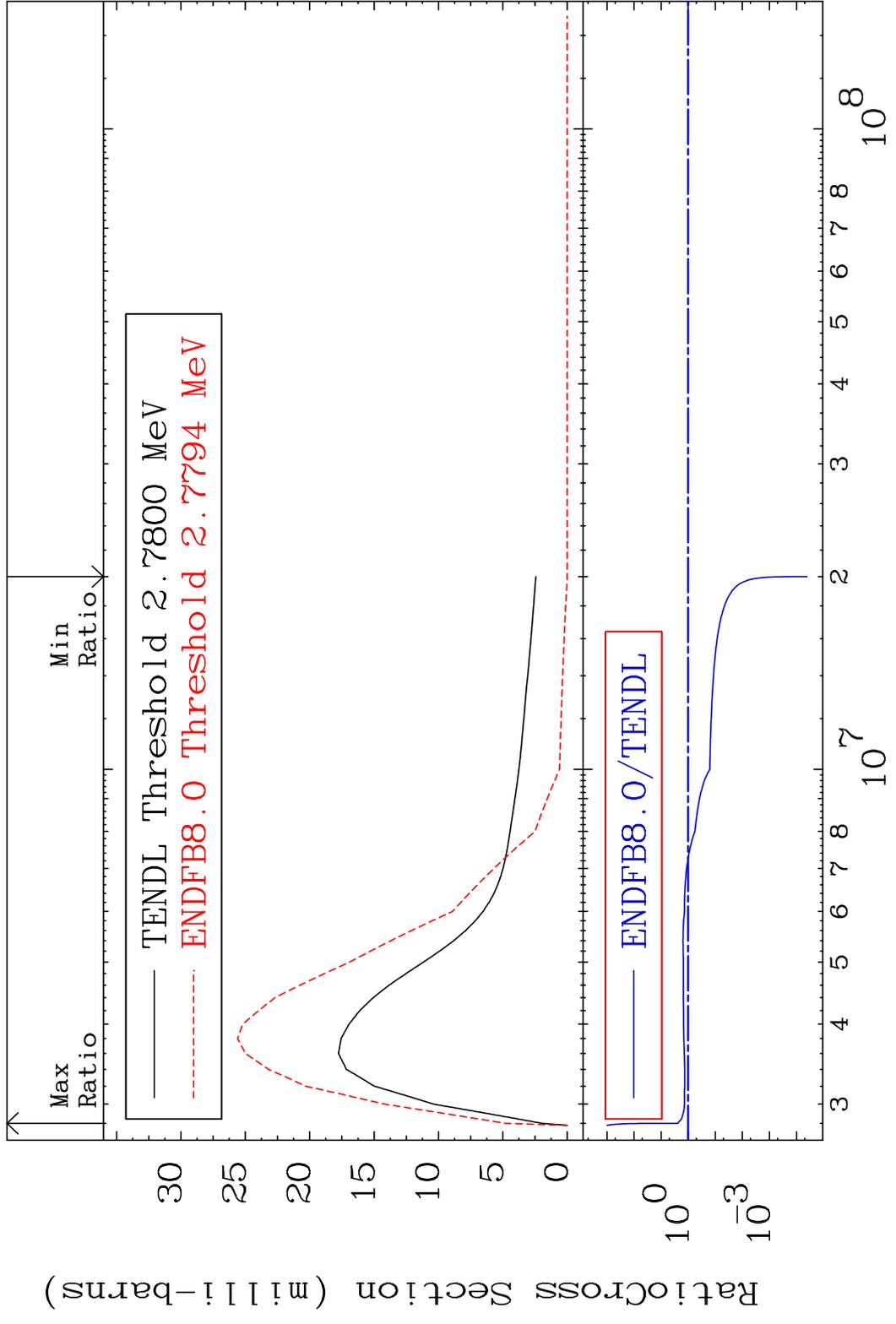


MAT 8325 MT= 60 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 104.6 %



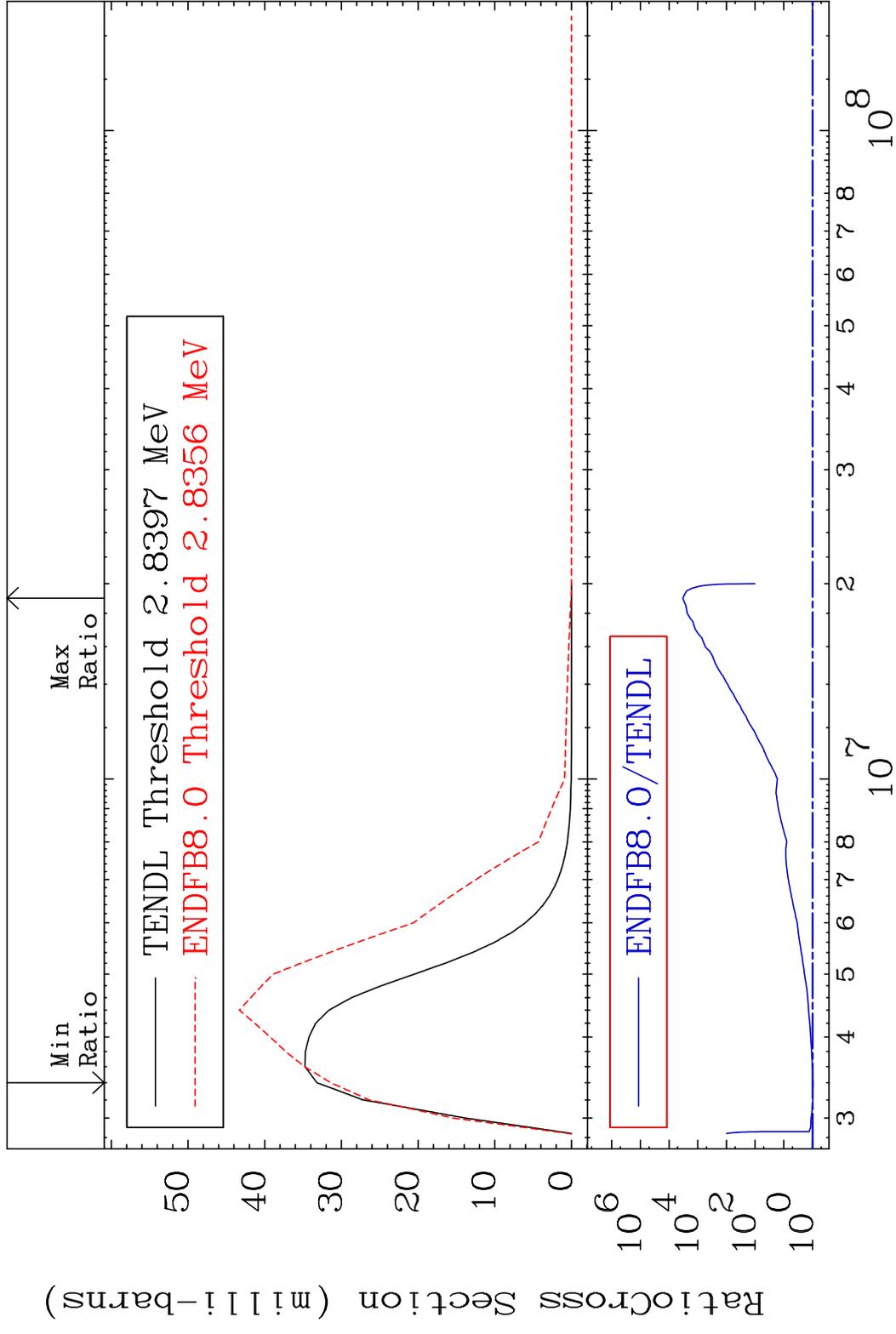
19 19 Incident Energy (eV) 83-Bi-209

MAT 8325 MT= 61 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 145.0 %

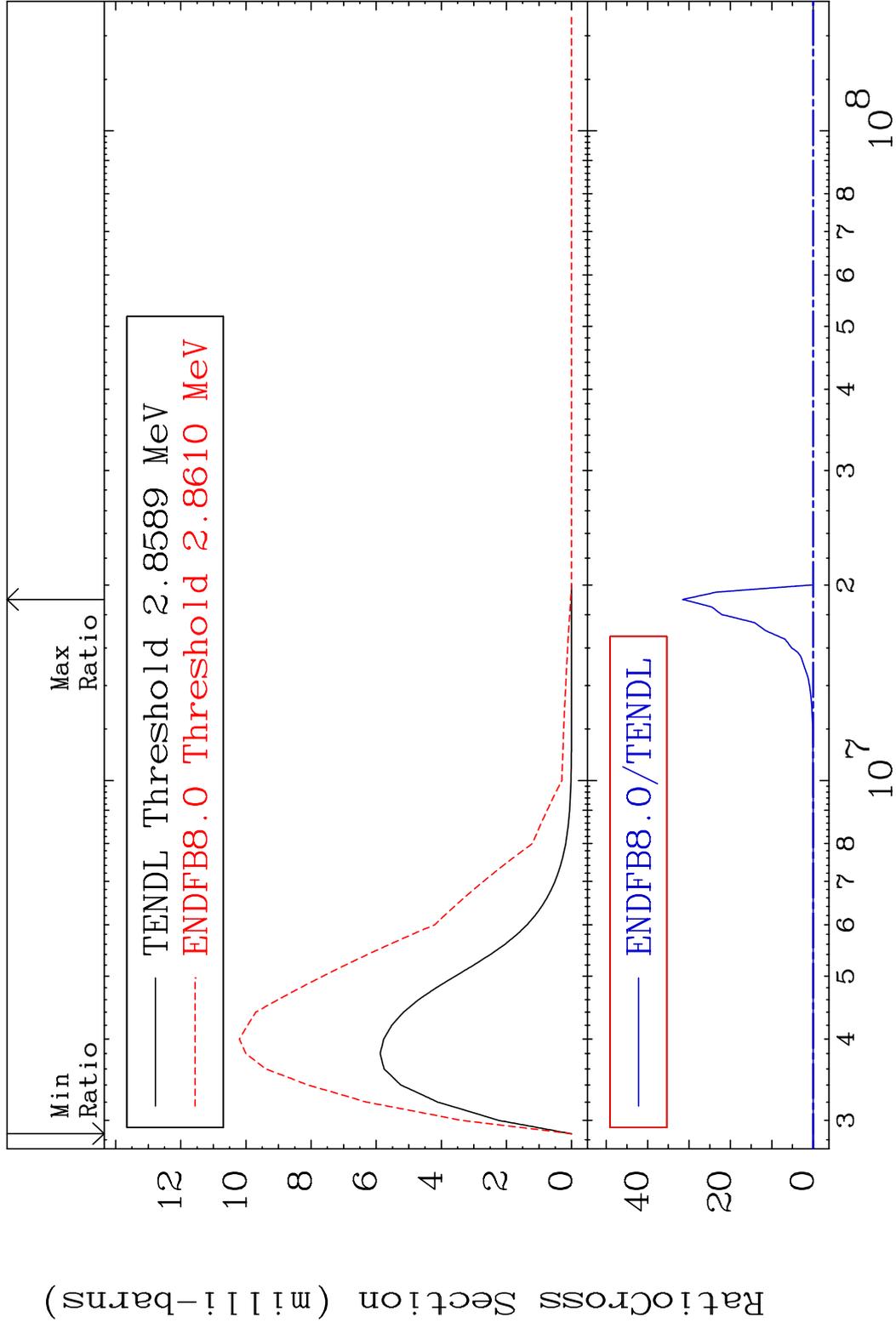


20 Incident Energy (eV) 83-Bi-209

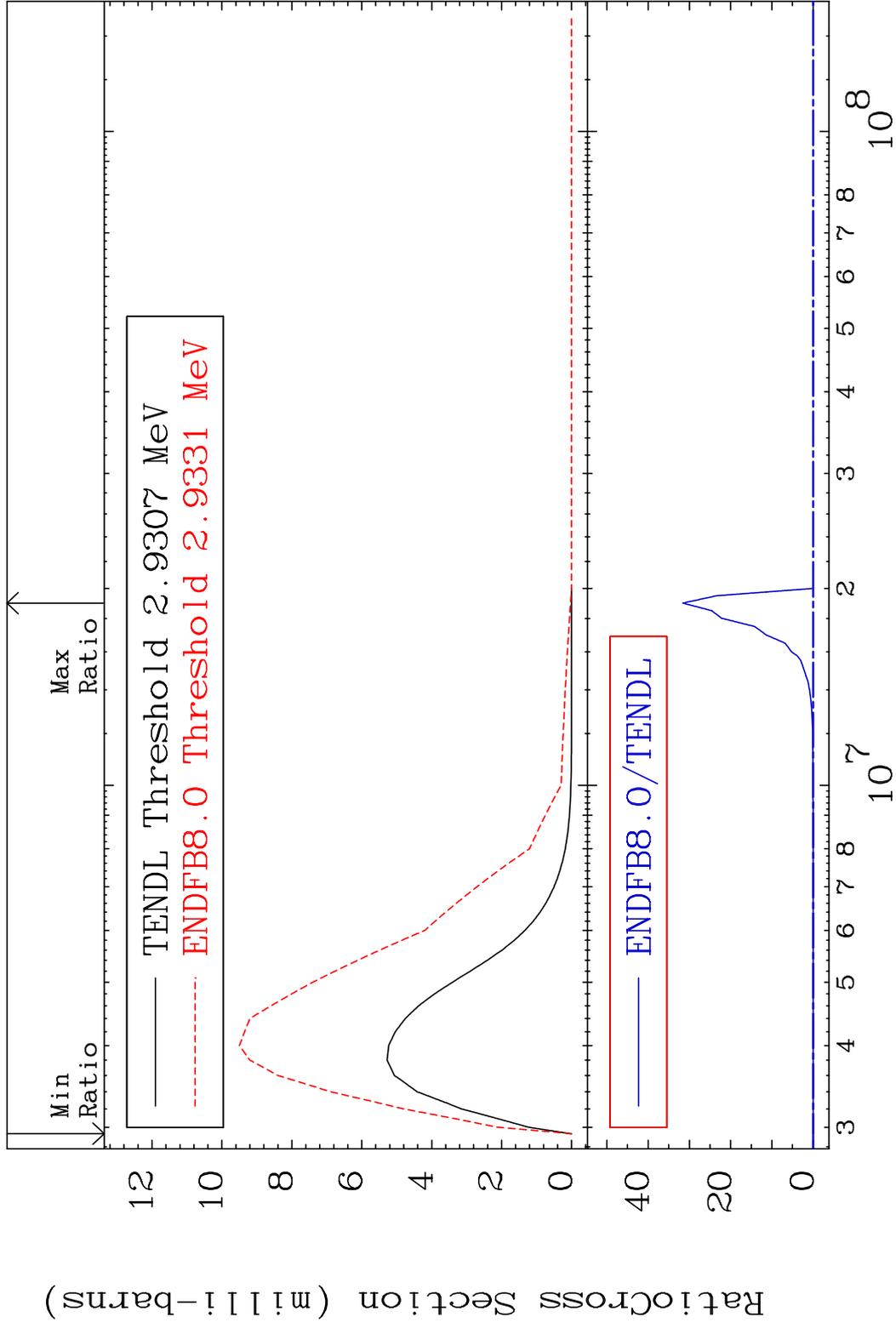
MAT 8325 MT= 62 (n, n') Level 83-Bi-209
 Cross Section -5.392 To 9999. %



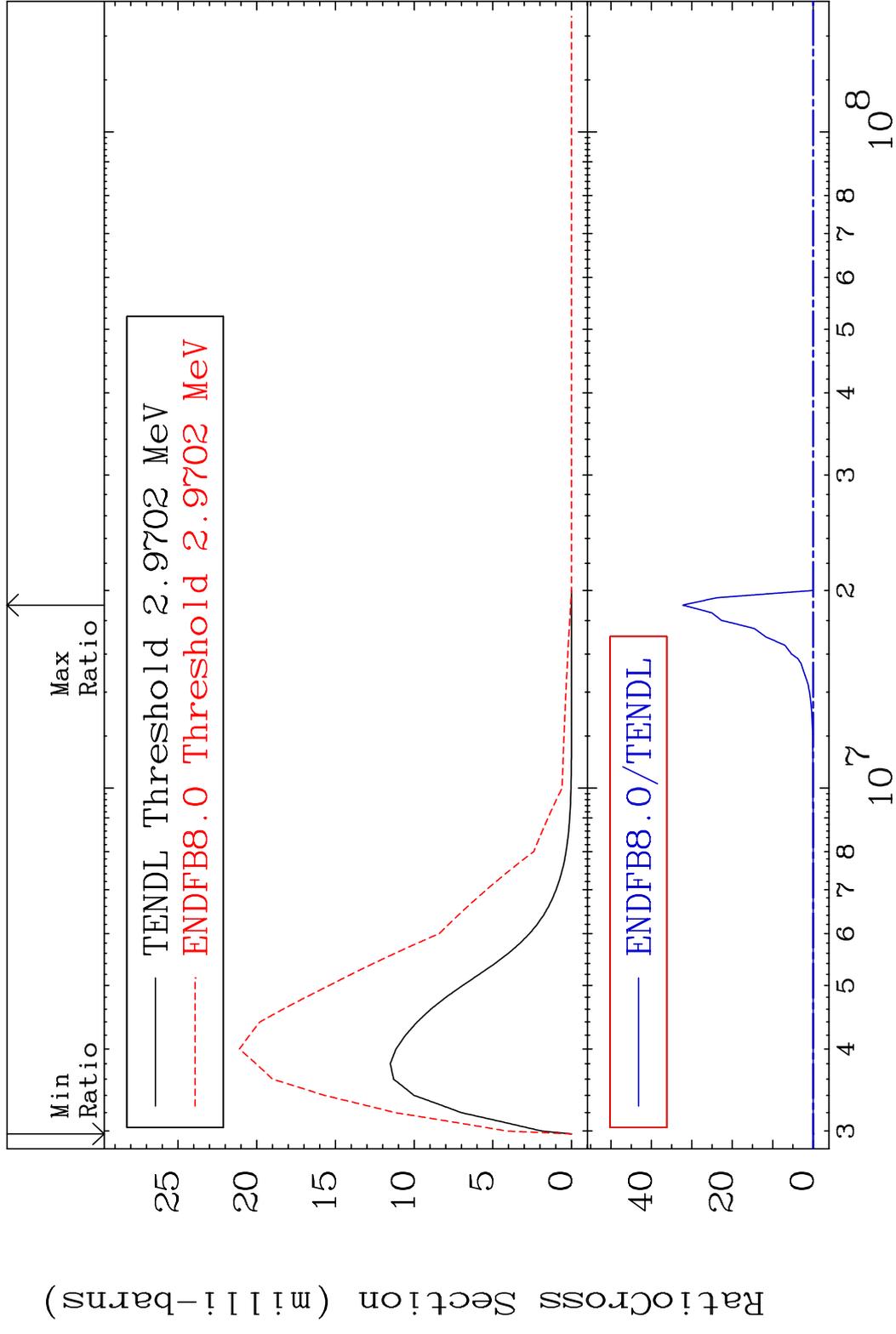
MAT 8325 MT= 63 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



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. %

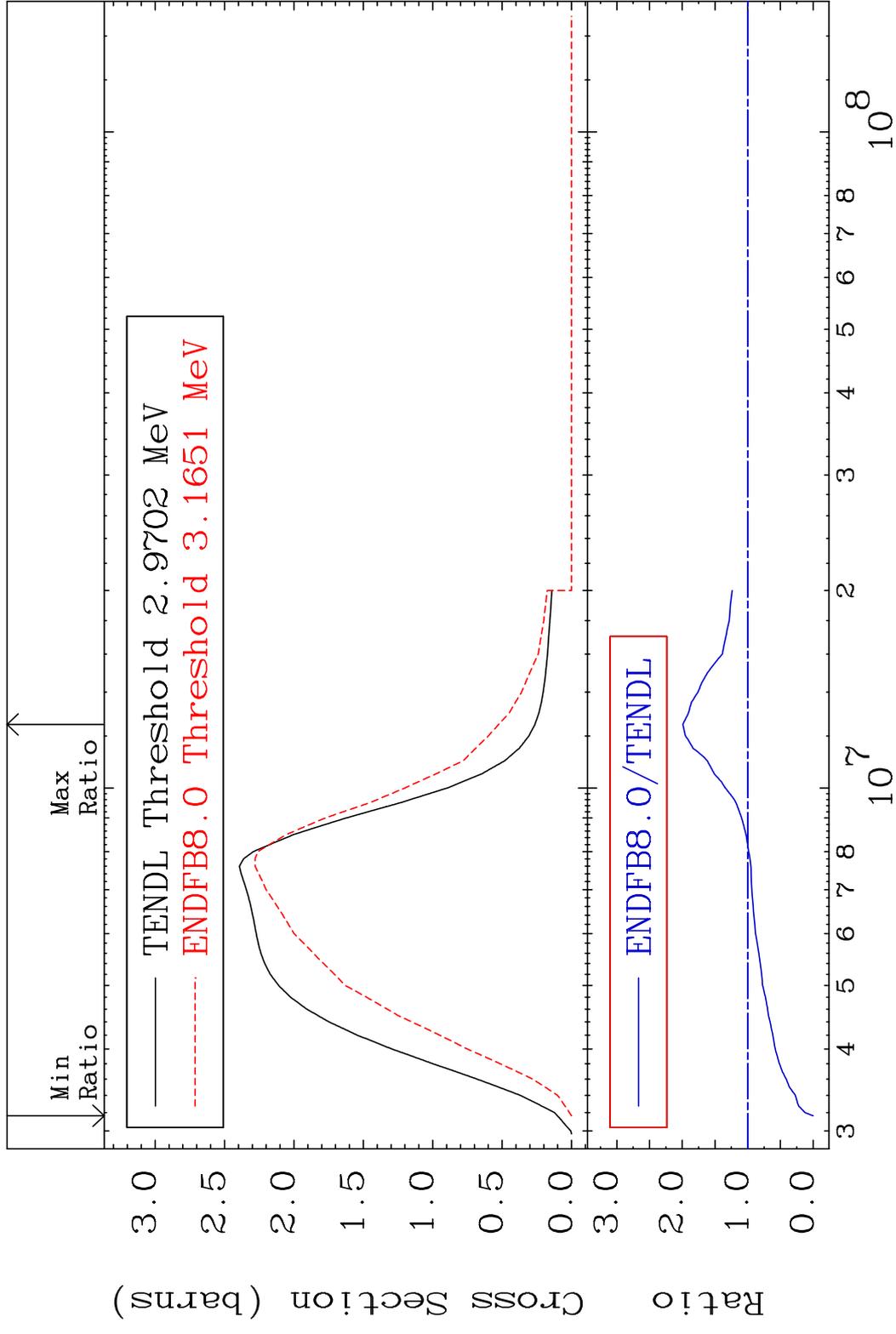


MAT 8325

(n,n') Continuum

83-Bi-209

Cross Section -100.0 To 99.17 %

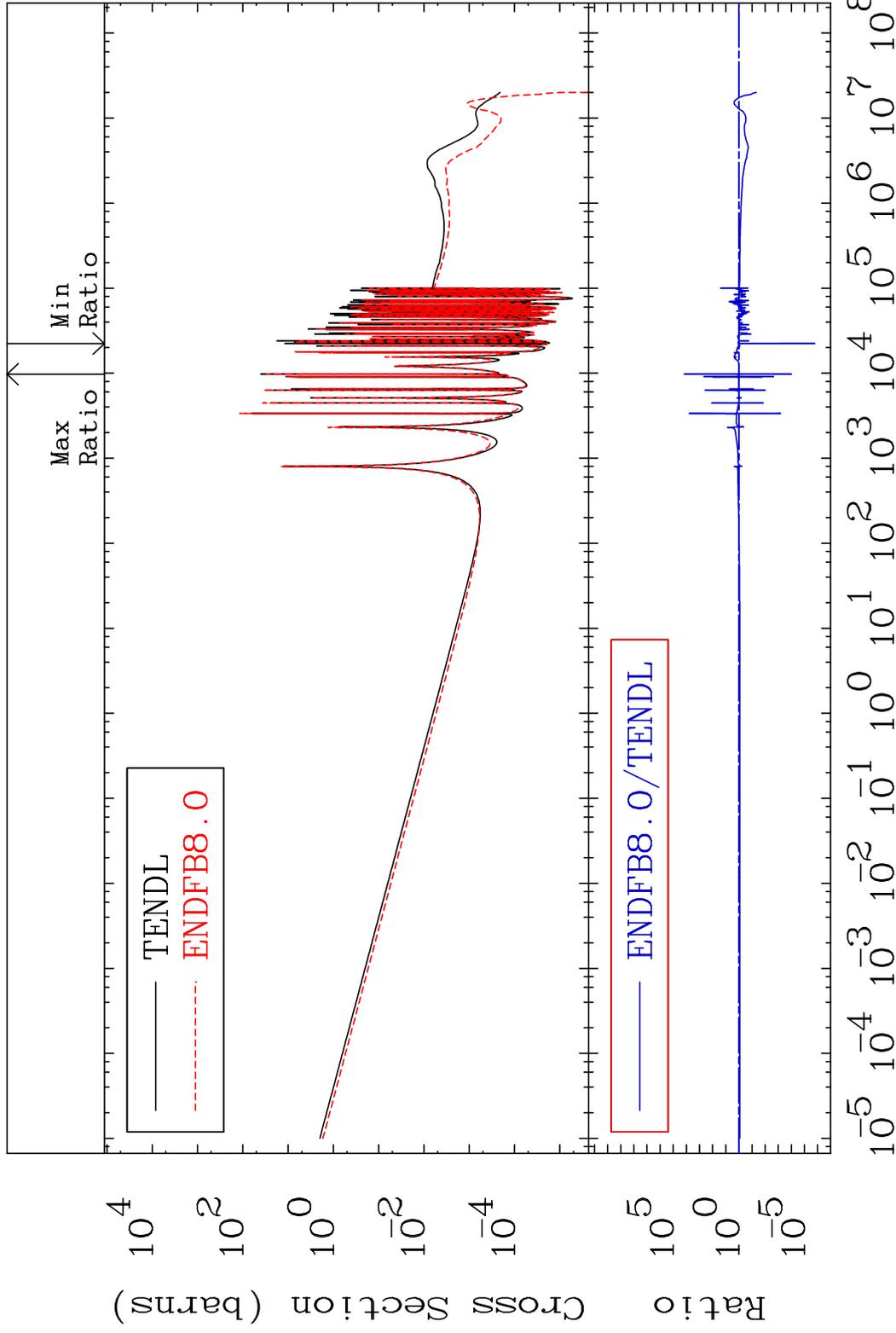


MAT 8325

(n, γ)

83-Bi-209

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

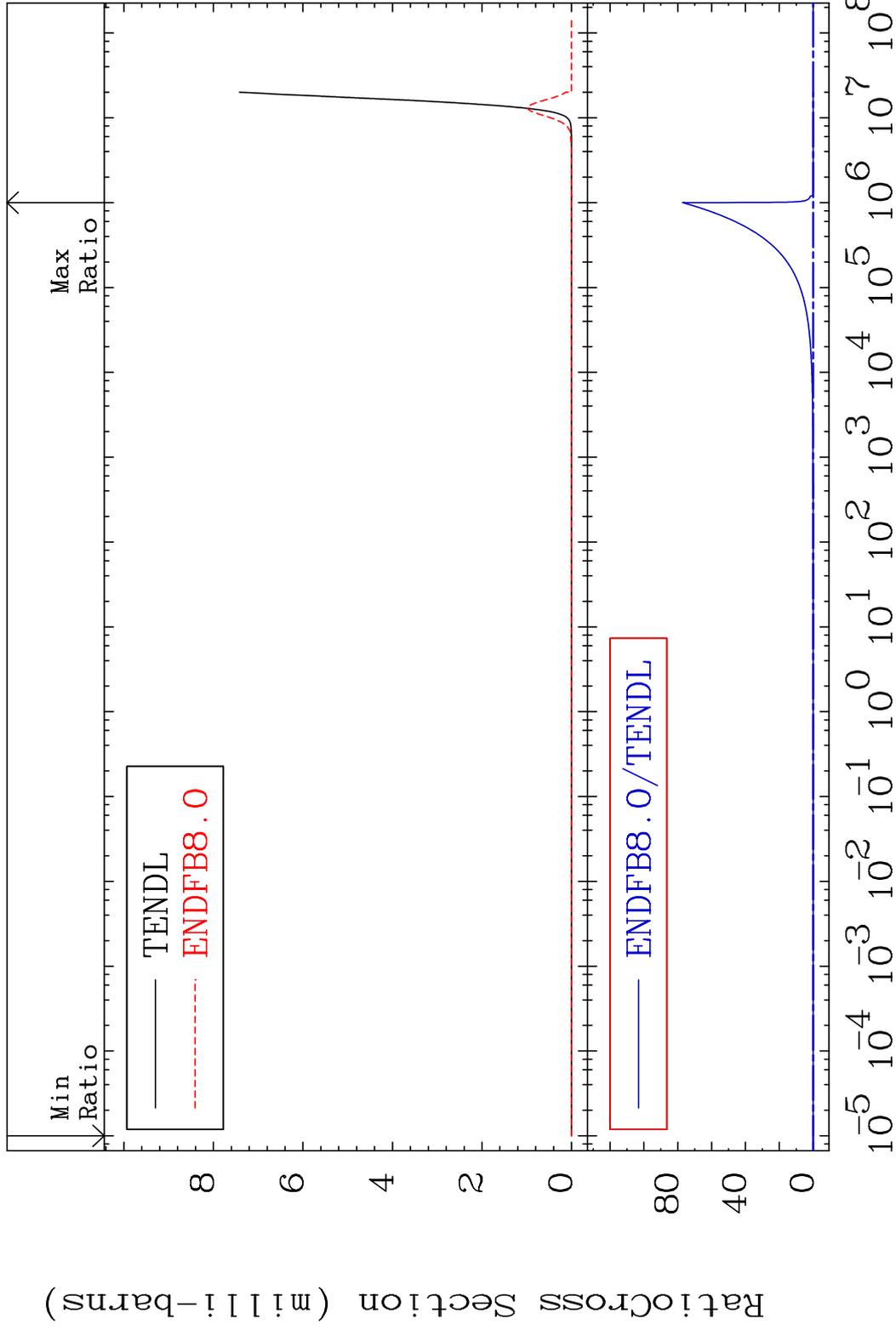
83-Bi-209

MAT 8325

(n, p)

83-Bi-209

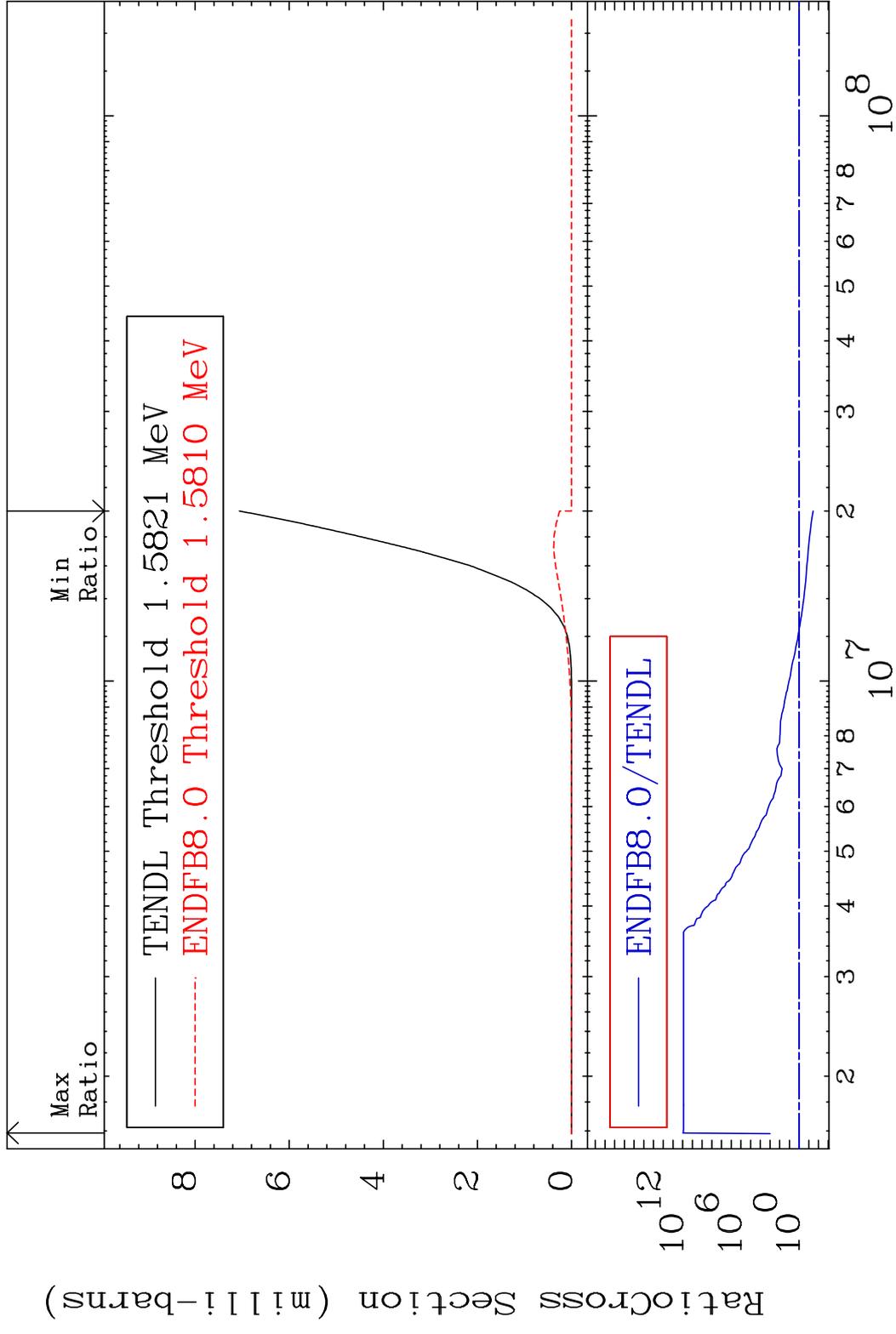
Cross Section -100.0 To 9999. %

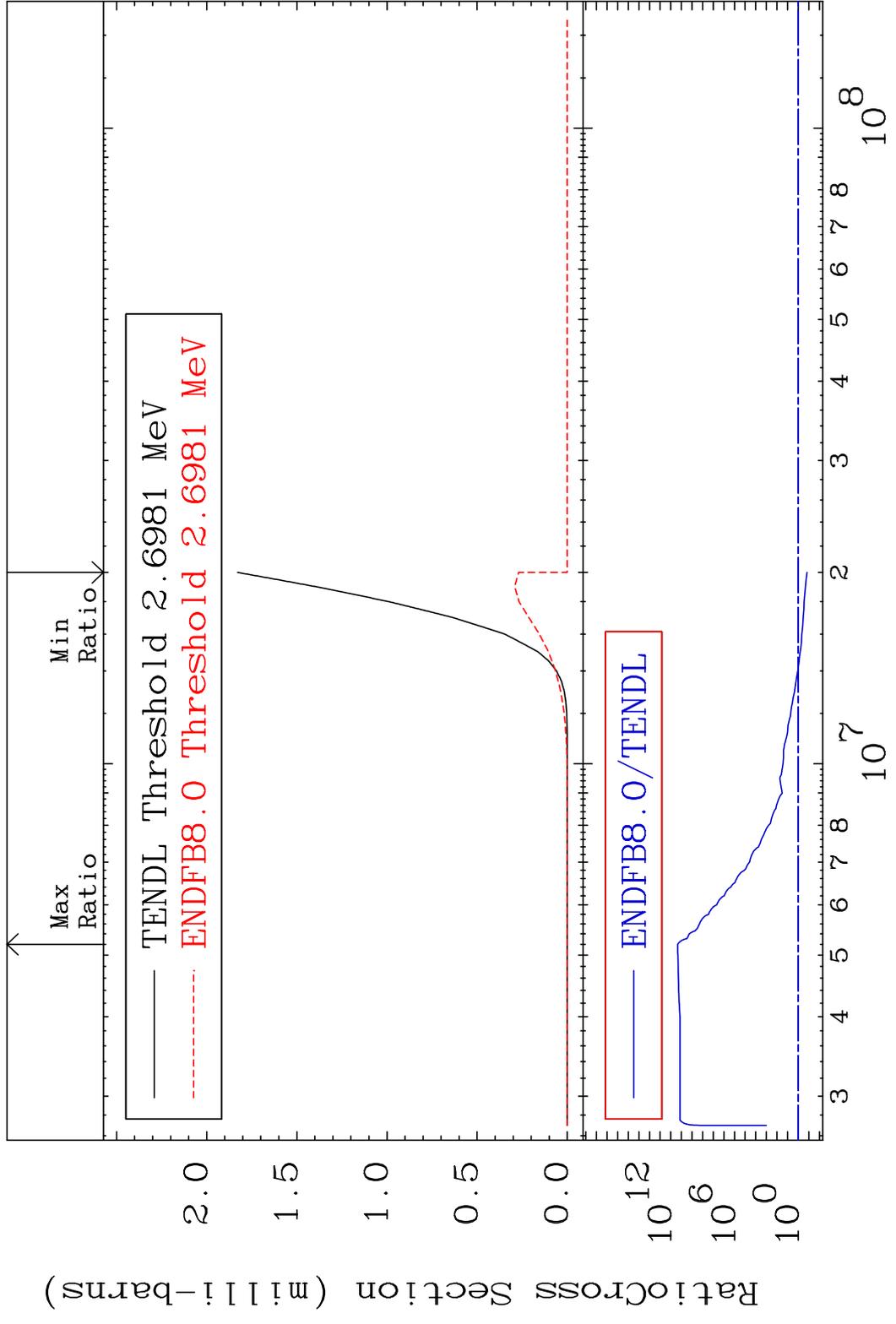


27

Incident Energy (eV)

83-Bi-209



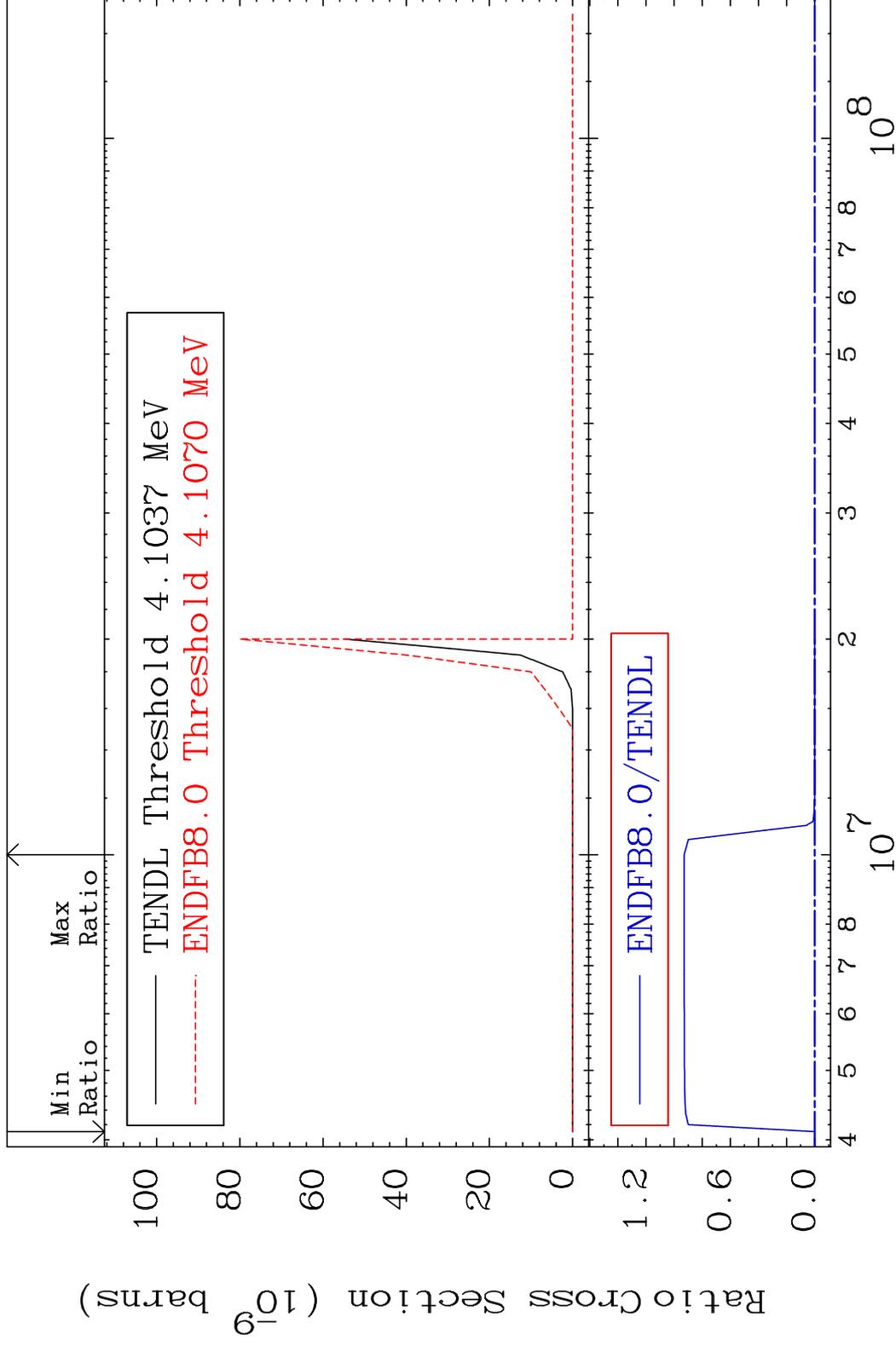


MAT 8325

(n, He-3)

83-Bi-209

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

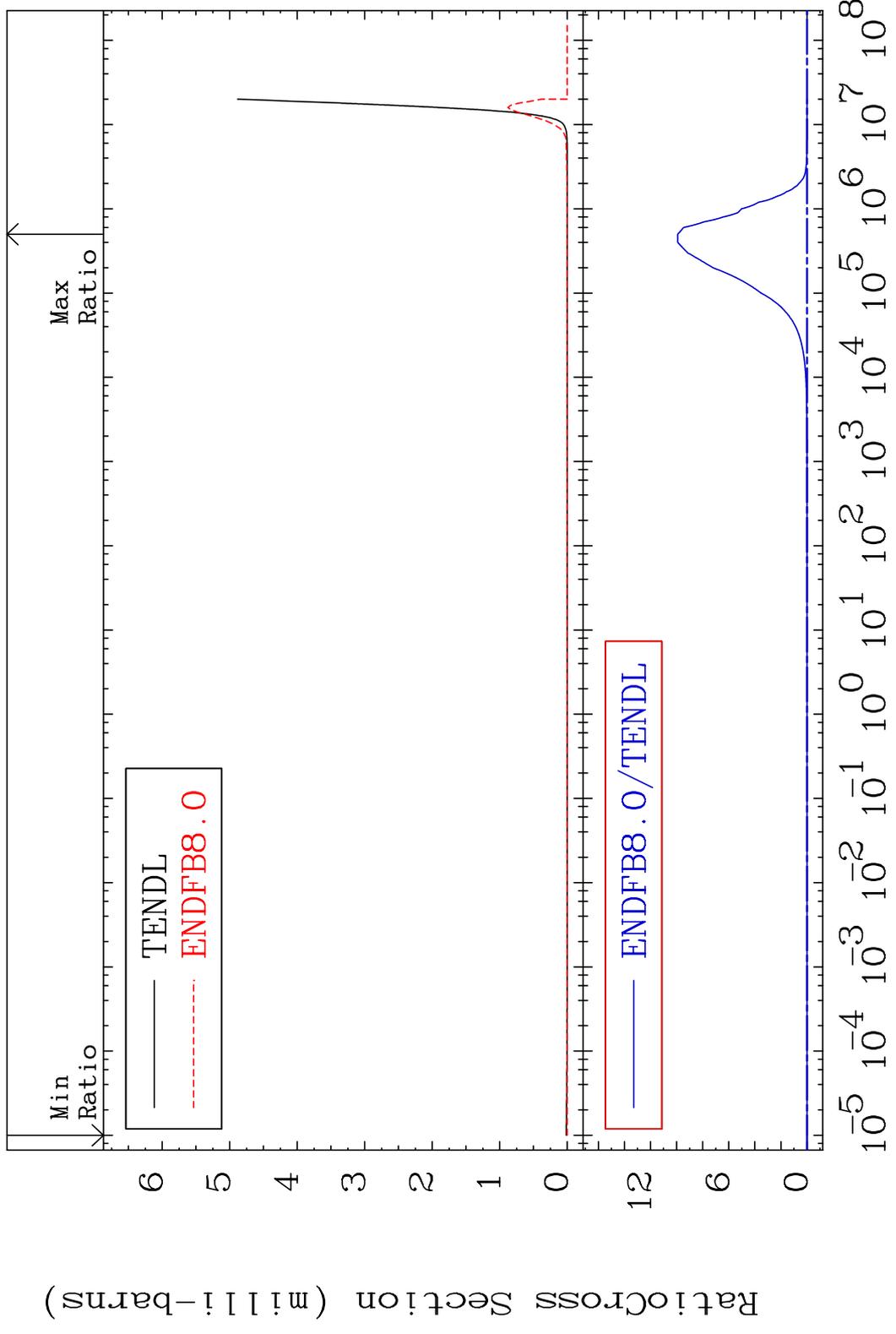
83-Bi-209

MAT 8325

(n, α)

83-Bi-209

Cross Section -100.0 To 9999. %



Ratio Cross Section (milli-barns)

31

Incident Energy (eV)

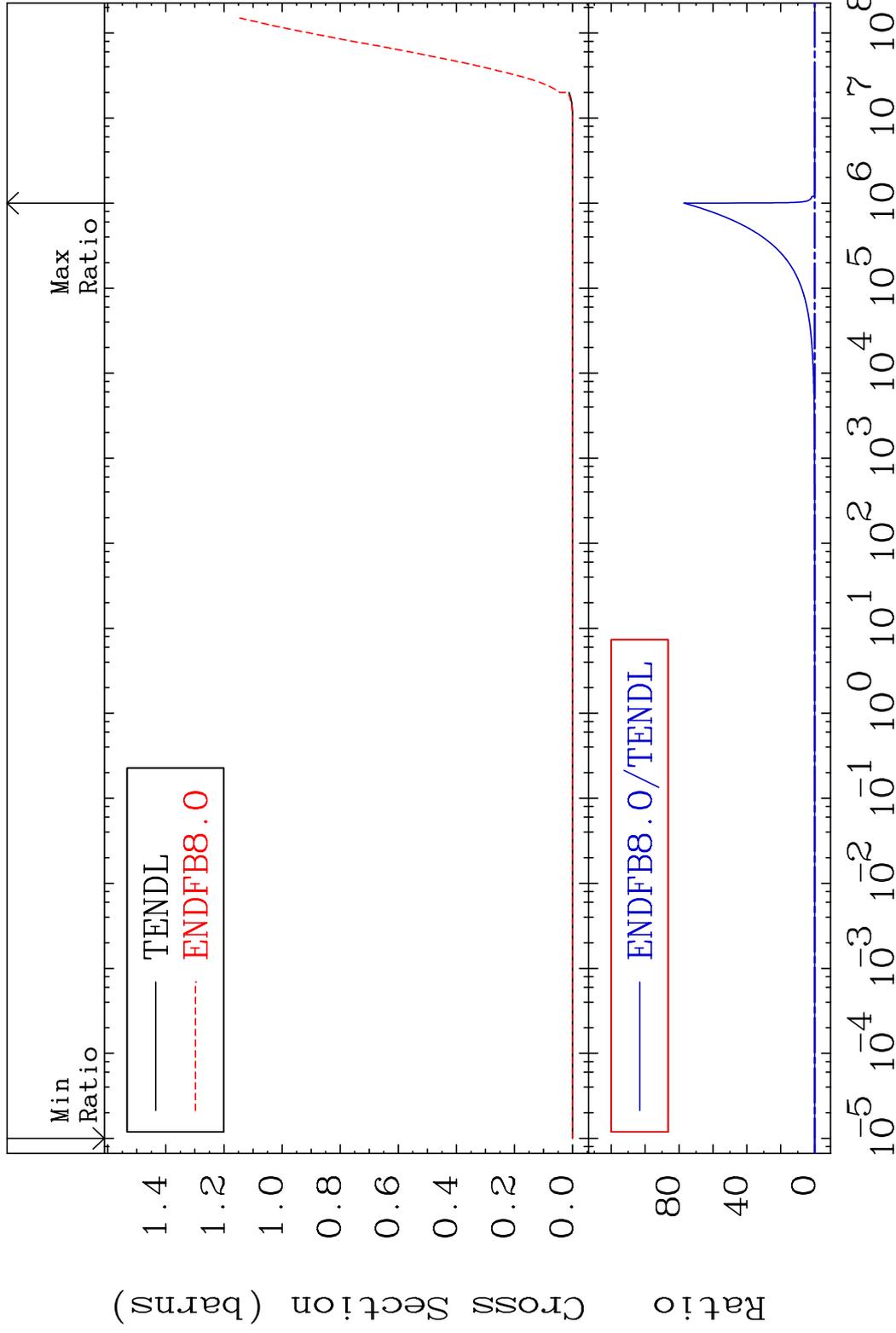
83-Bi-209

MAT 8325

Hydrogen Production

83-Bi-209

Cross Section -100.0 To 9999. %

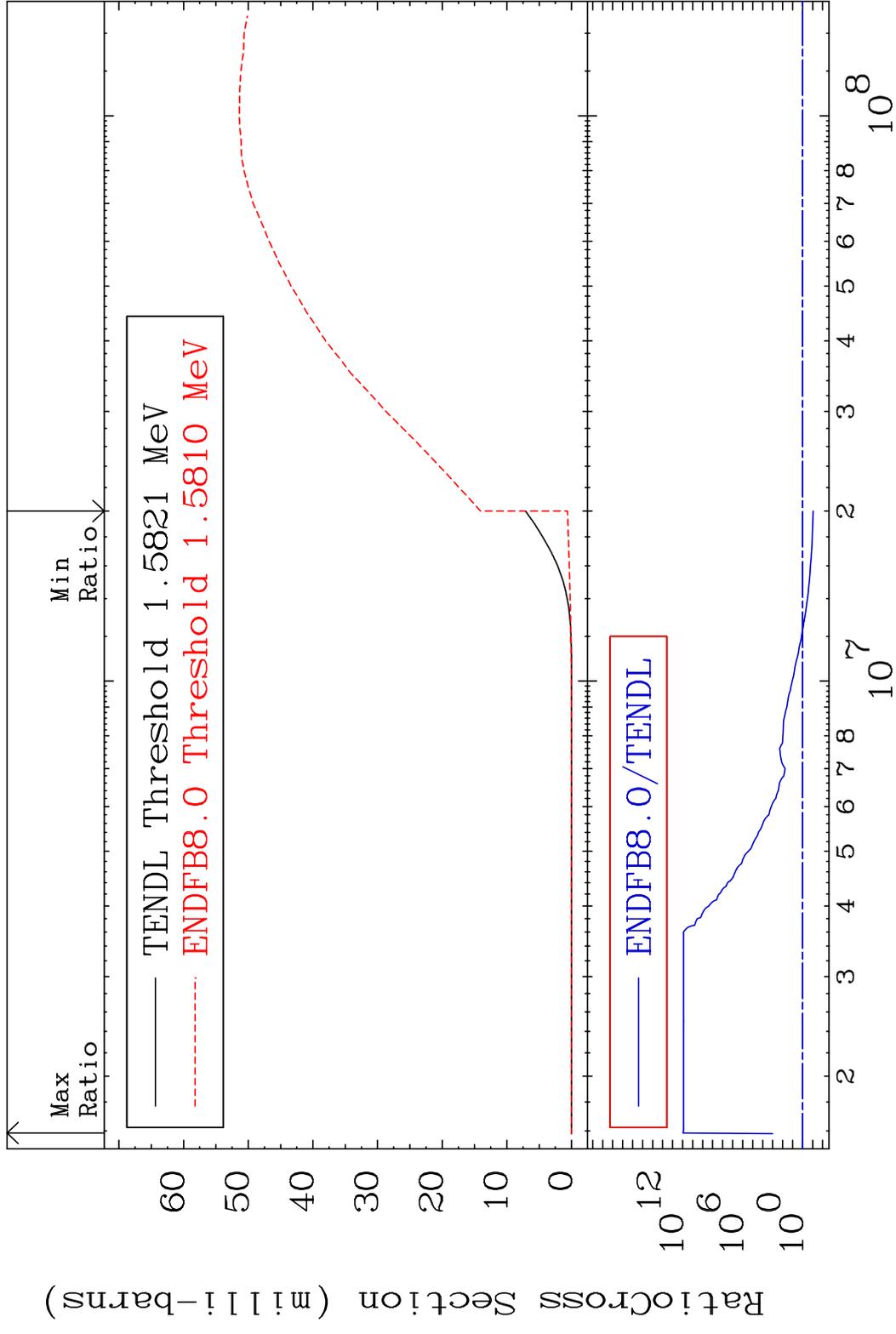


32

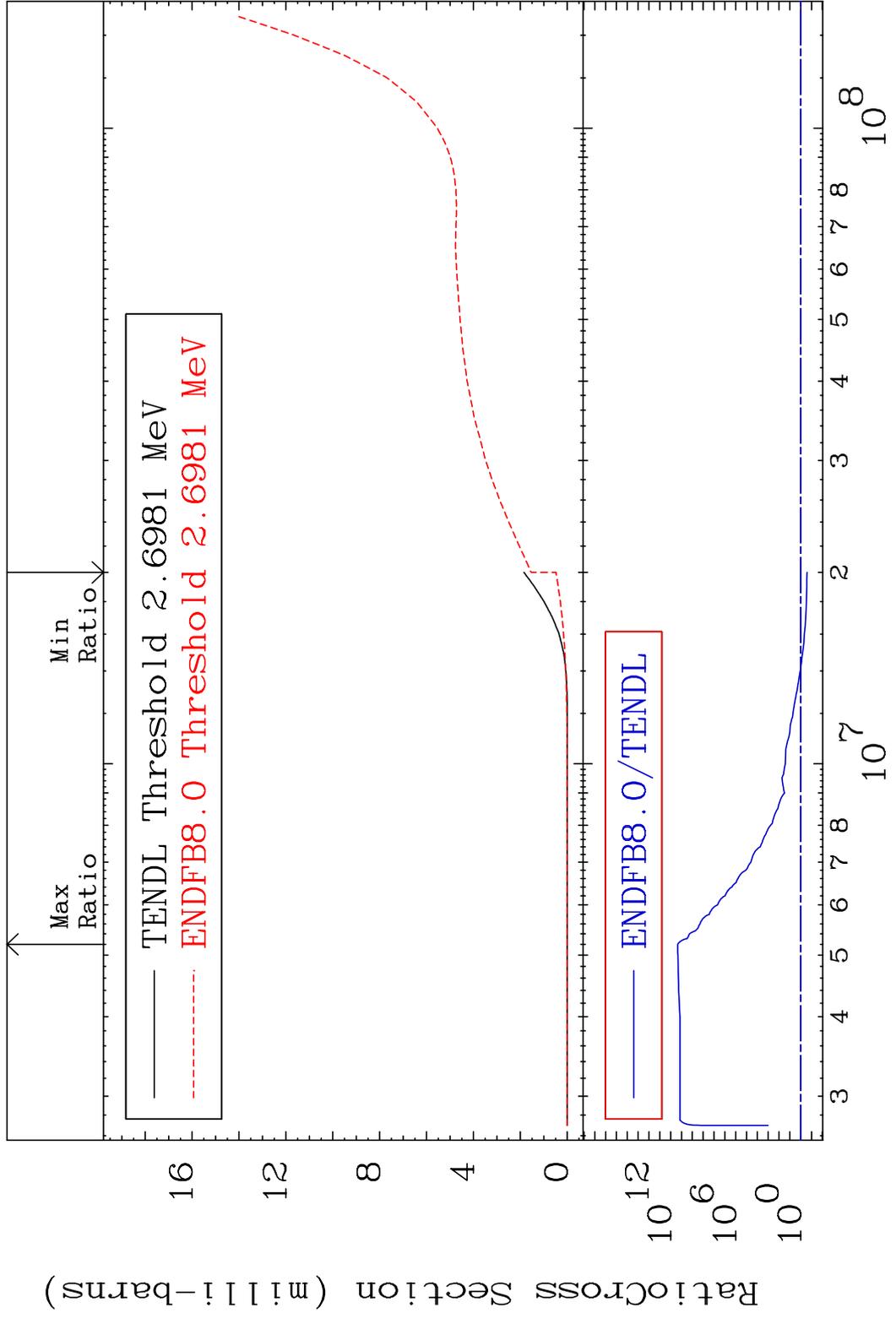
Incident Energy (eV)

83-Bi-209

Cross Section -91.07 To 9999. %



MAT 8325 Tritium Production 83-Bi-209
 Cross Section -74.01 To 9999. %

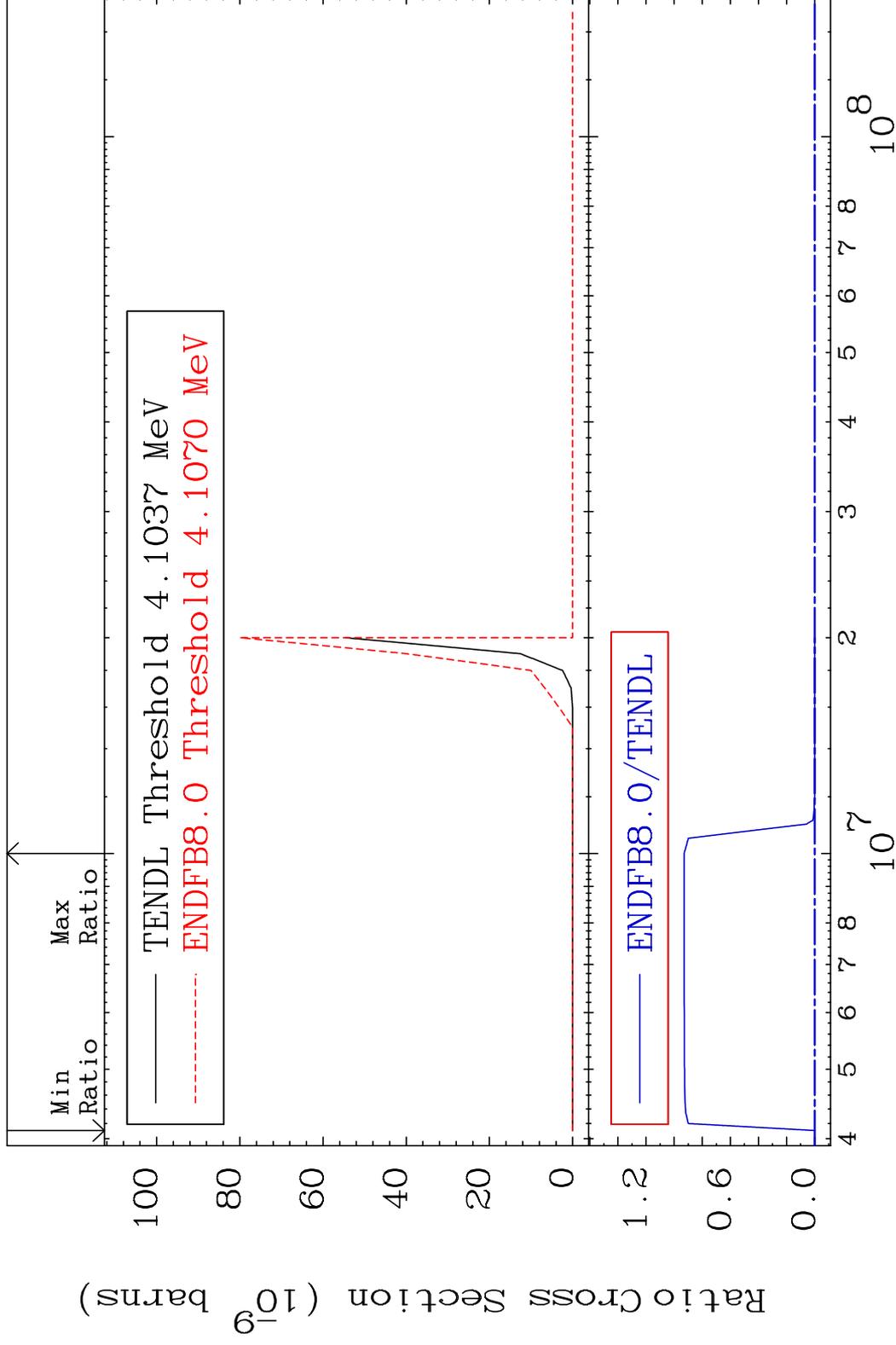


MAT 8325

He-3 Production

83-Bi-209

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

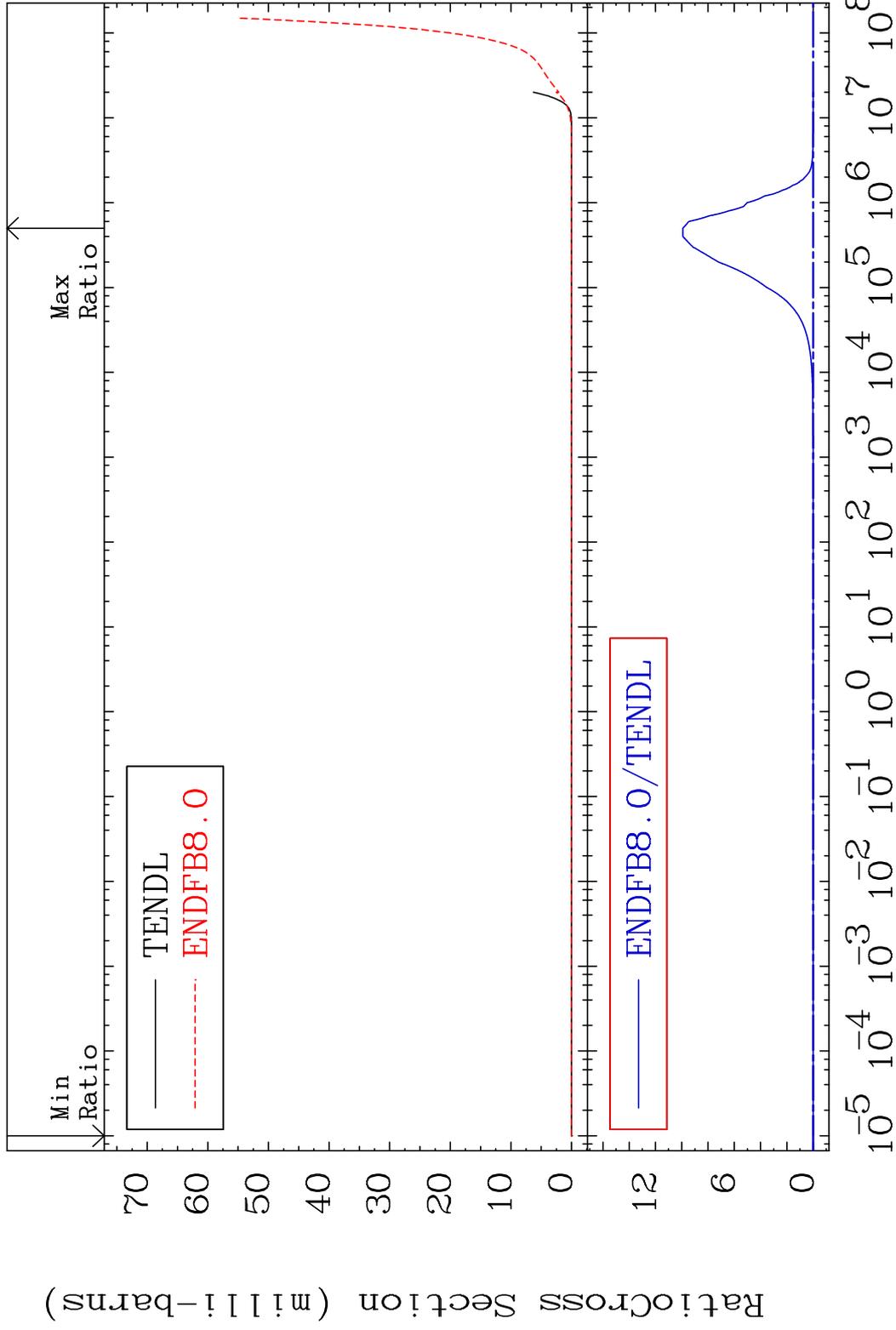
83-Bi-209

MAT 8325

He-4 Production

83-Bi-209

Cross Section -100.0 To 9999. %

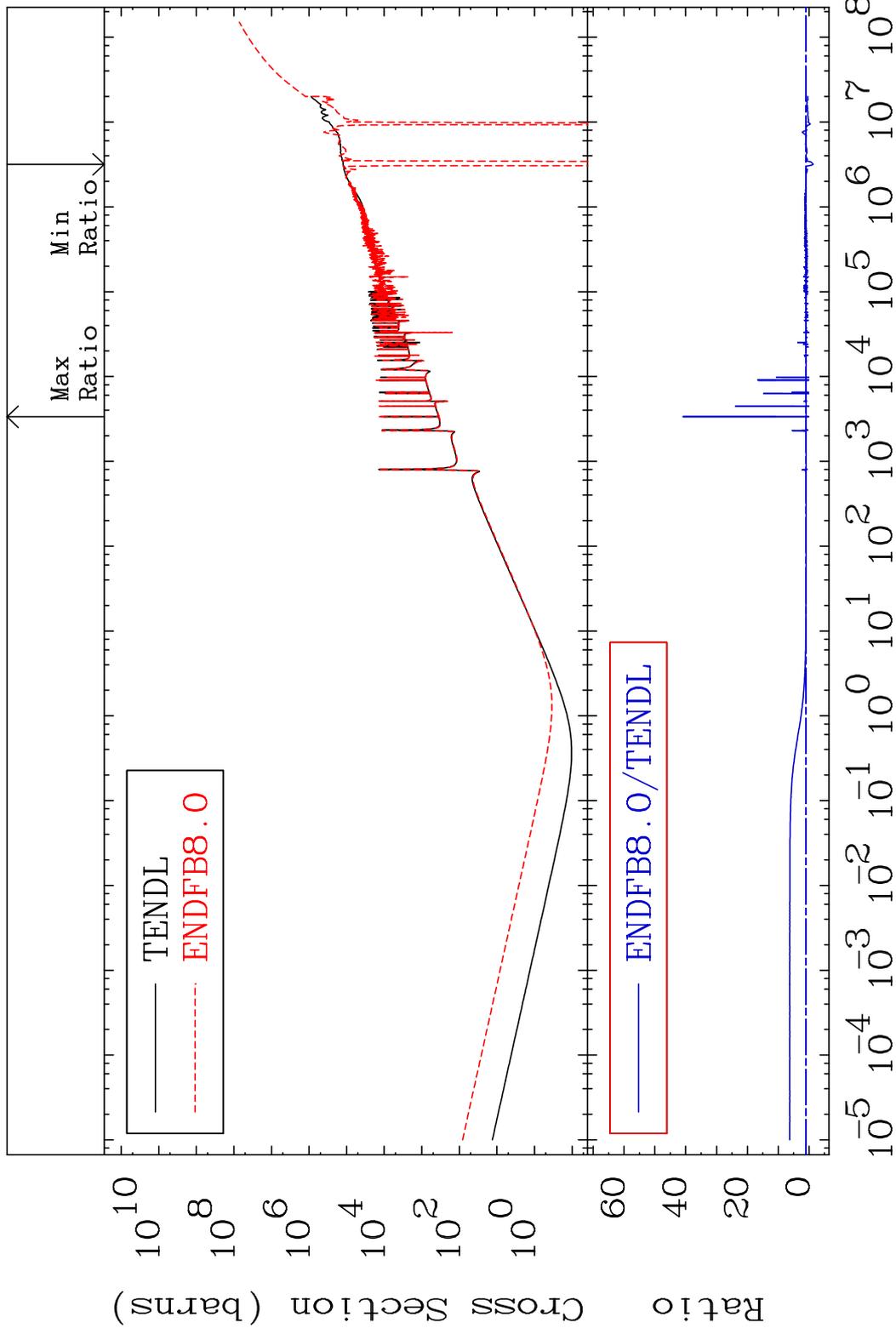


36

Incident Energy (eV)

83-Bi-209

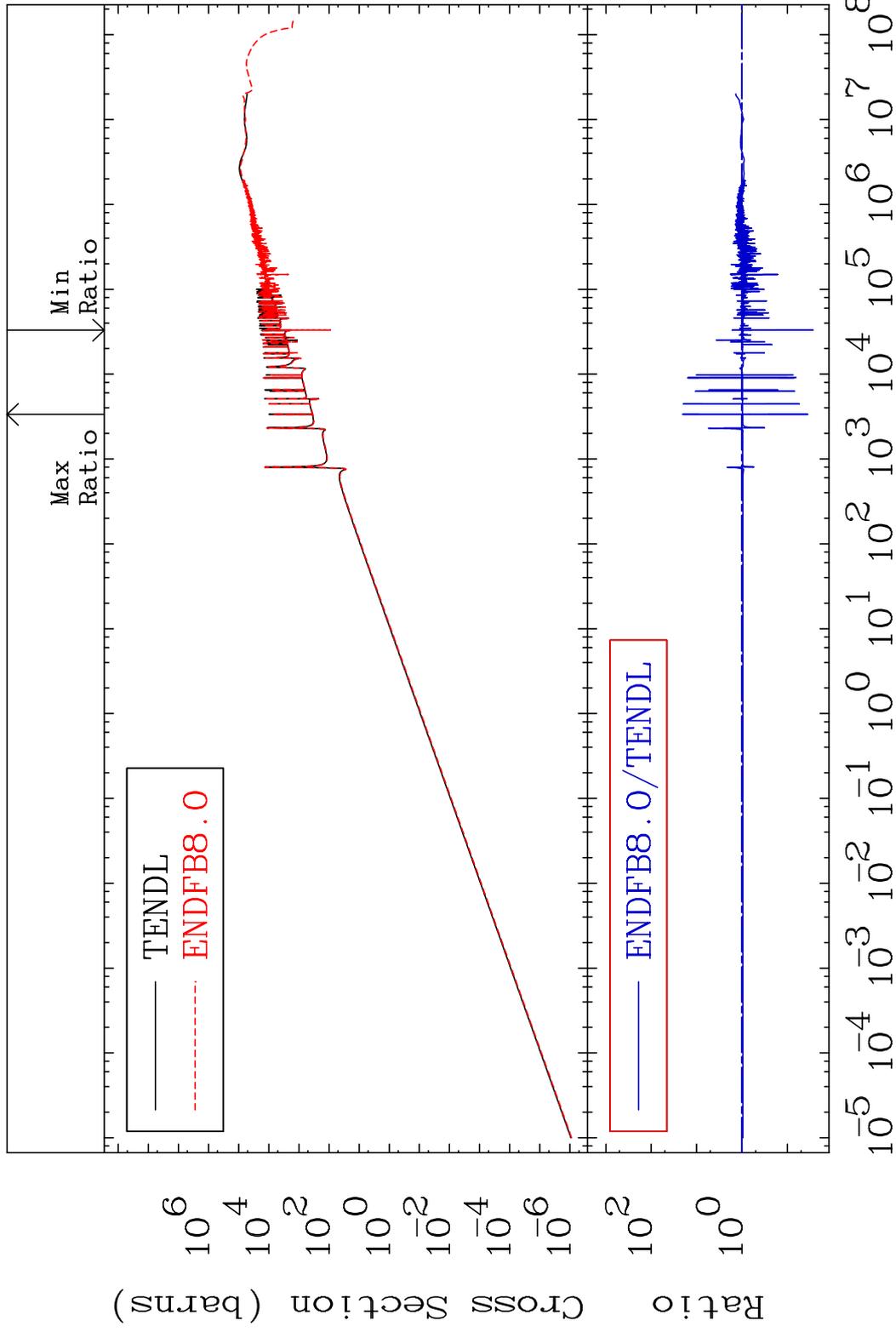
MAT 8325 Kerma total (eV-barns) 83-Bi-209
 Cross Section -234.1 To 3994. %



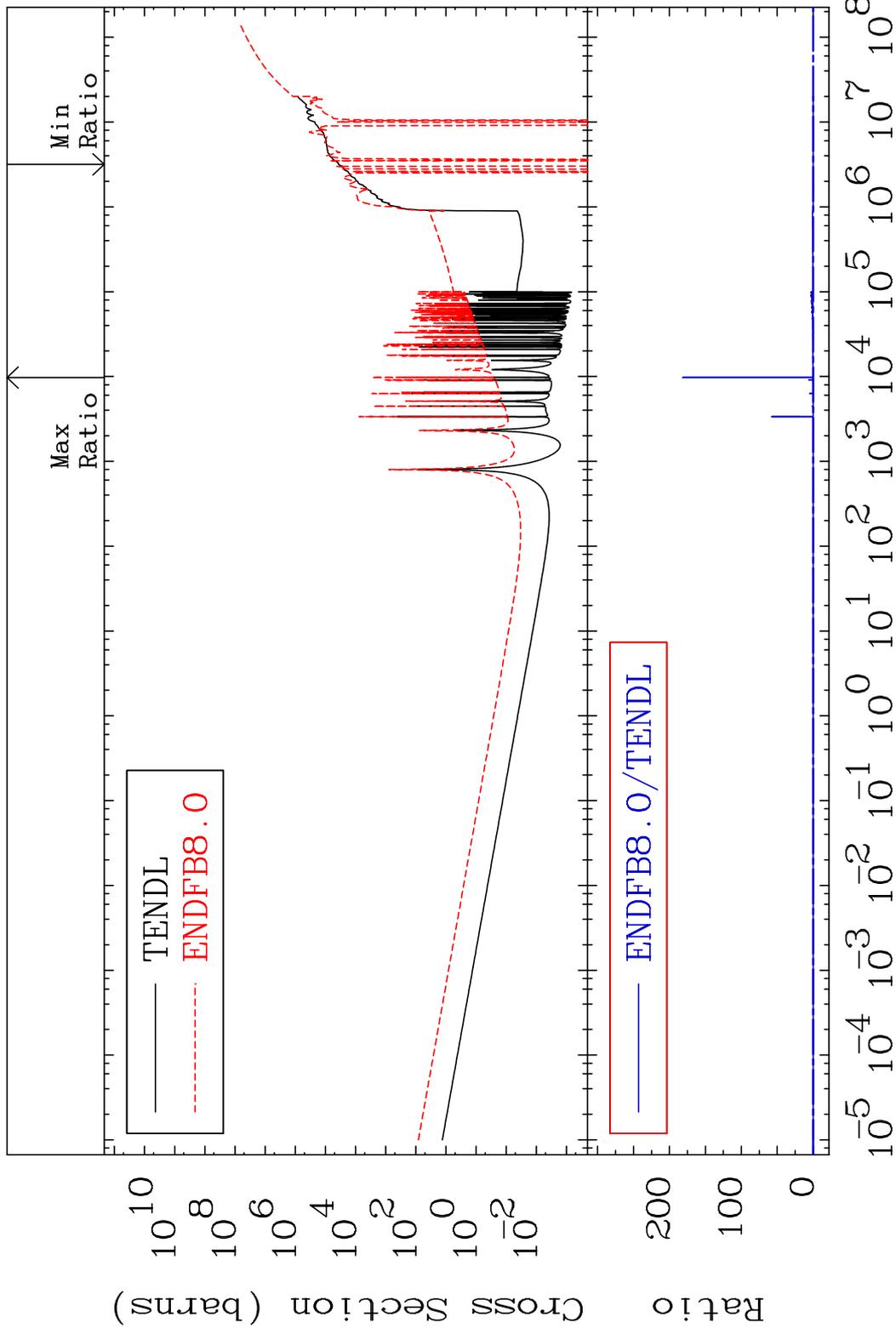
MAT 8325

Kerma elastic
Cross Section

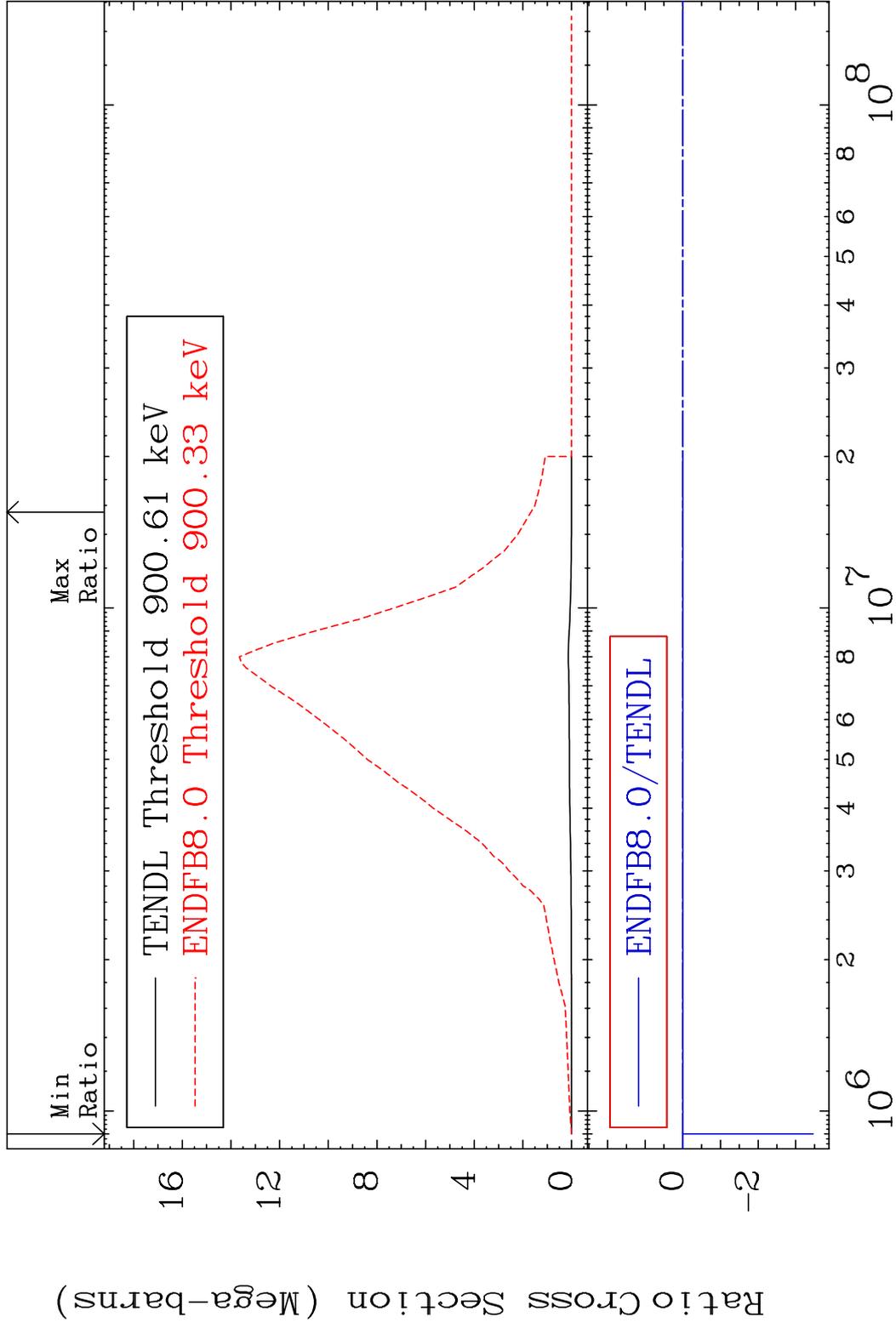
83-Bi-209
-97.30 To 1911. %



MAT 8325 Kerma non-elastic (all but mt2) 83-Bi-209
 Cross Section -781.2 To 9999. %

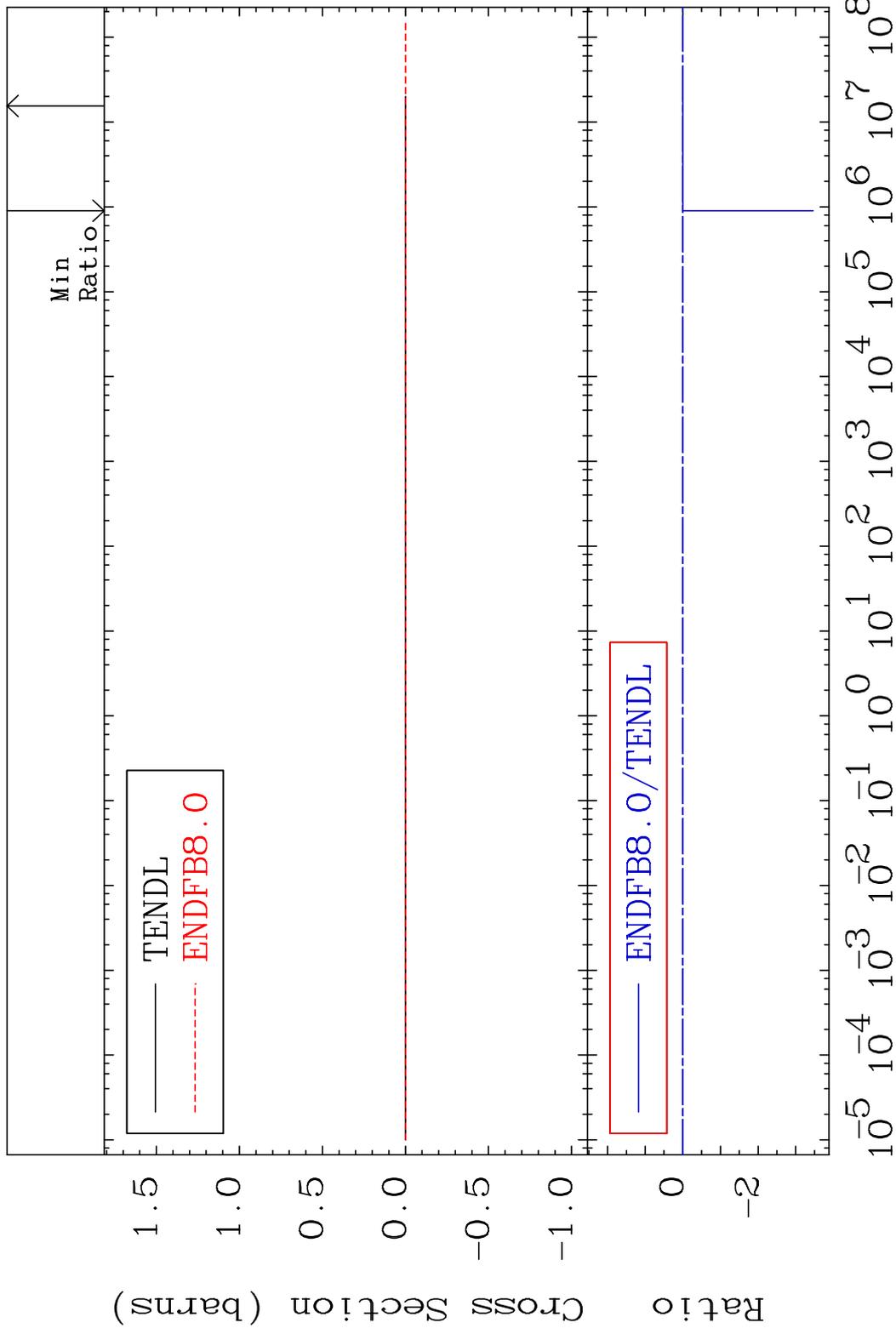


MAT 8325 Kerma inelastic (mt51-91) 83-Bi-209
 Cross Section -9999. To 9999. %

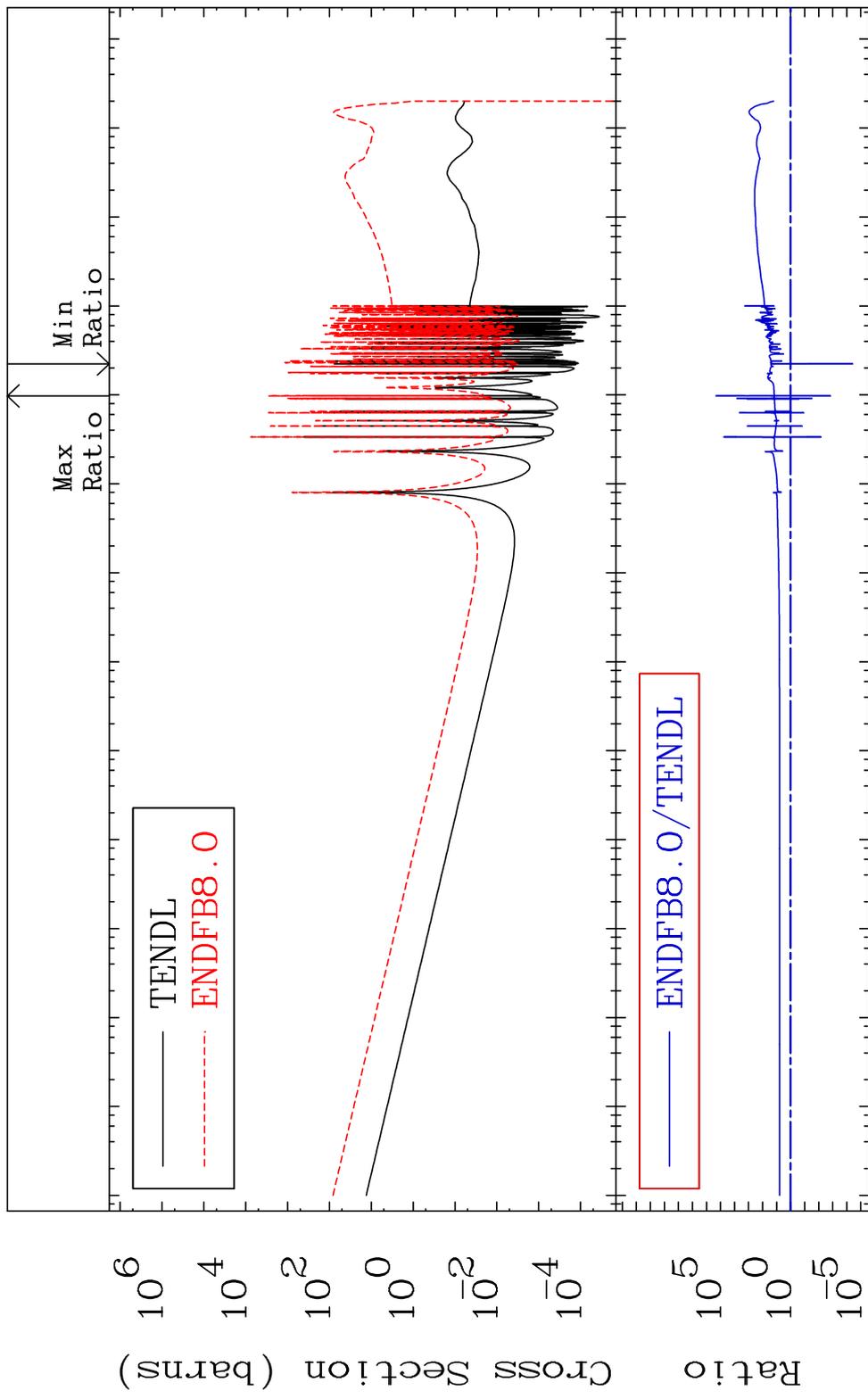


40 Incident Energy (eV) 83-Bi-209

MAT 8325 Kerma fission (mt18 or mt19-20-21-38) β 3-Bi-209
 Cross Section -9999. To 9999. %

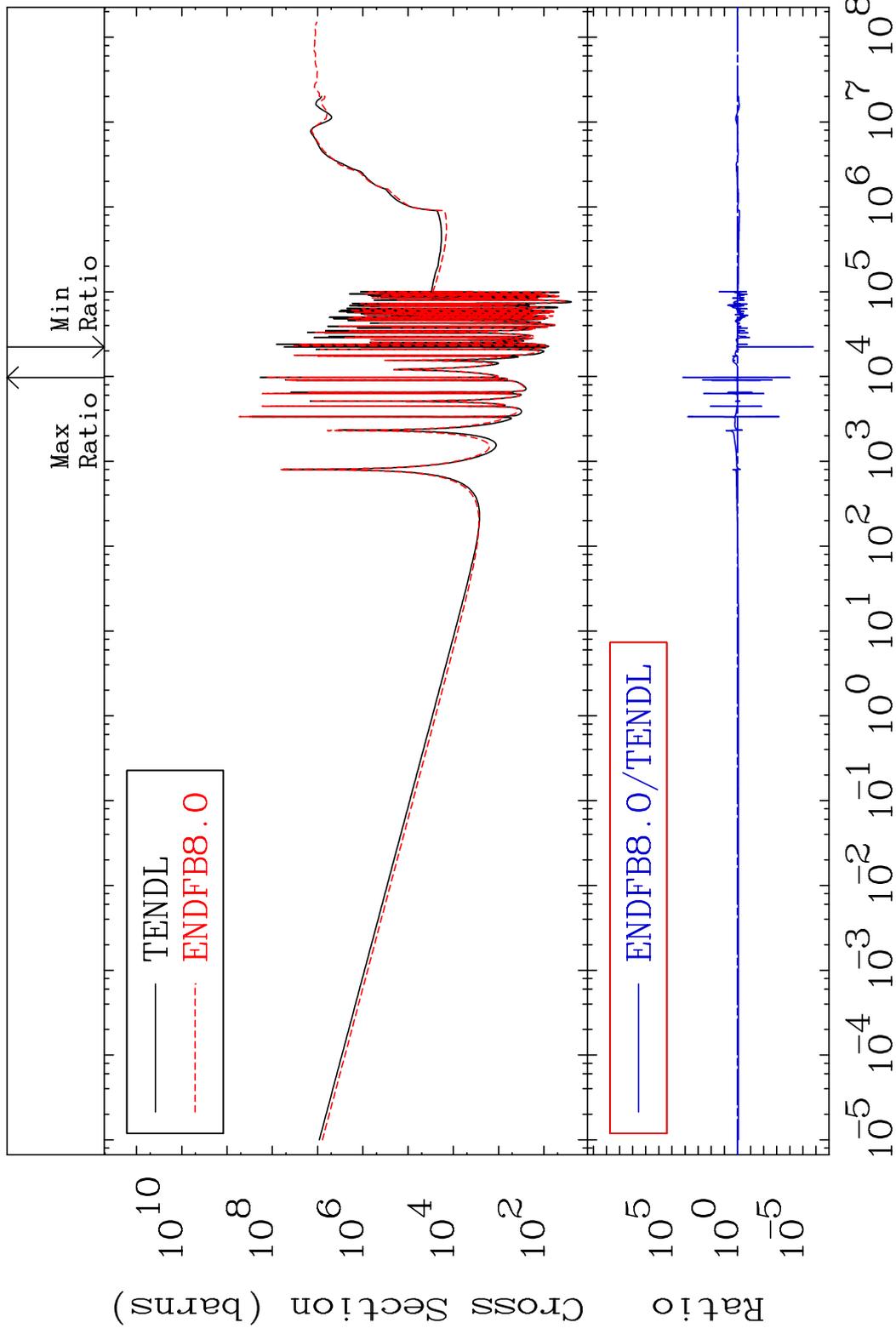


MAT 8325 Kerma capture (mt102) 83-Bi-209
 Cross Section -100.0 To 9999. %

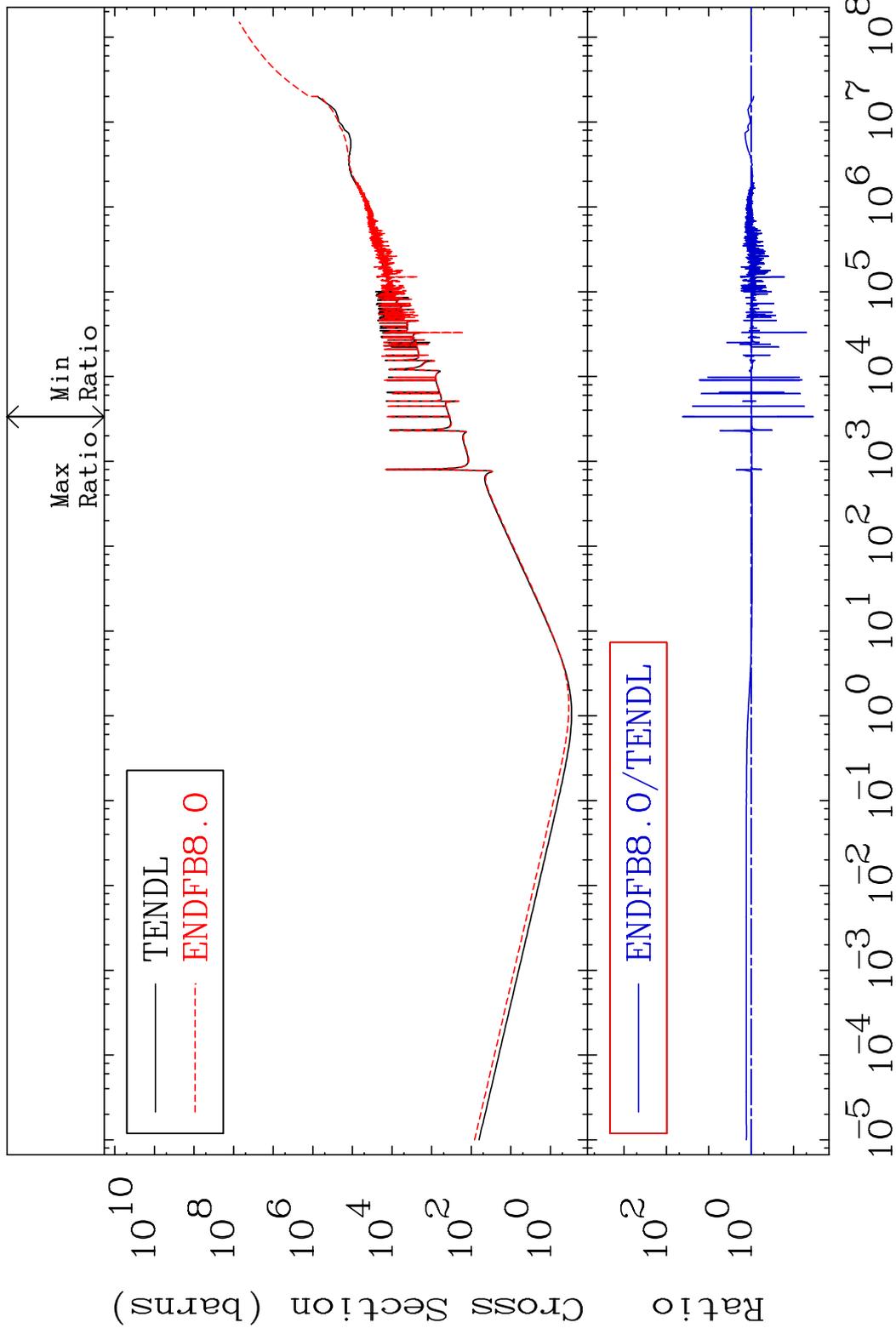


42 Incident Energy (eV) 83-Bi-209

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 -96.56 To 3994. %

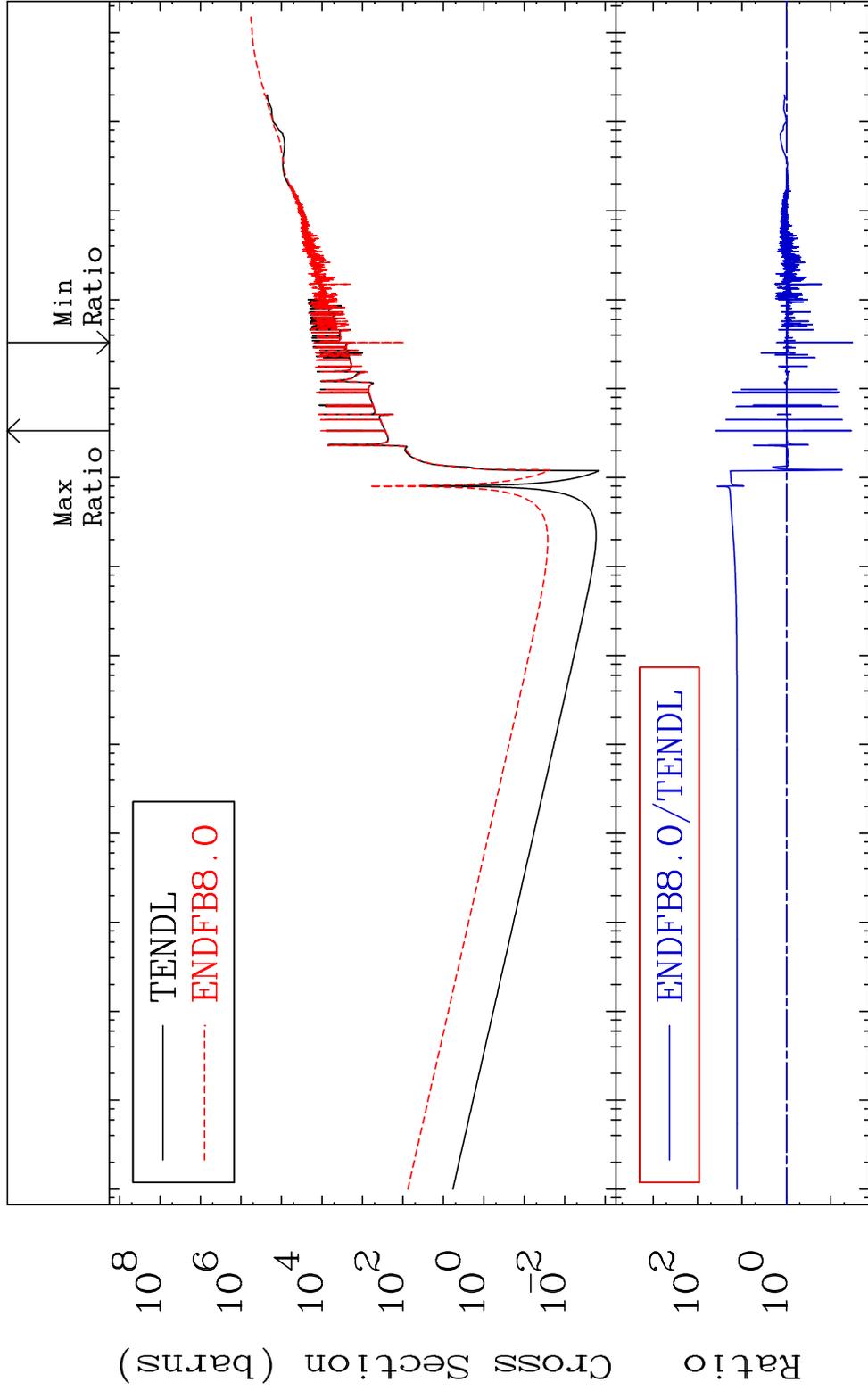


MAT 8325

Dpa total (eV-barns)

83-Bi-209

Cross Section -96.75 To 3765. %



45

Incident Energy (eV)

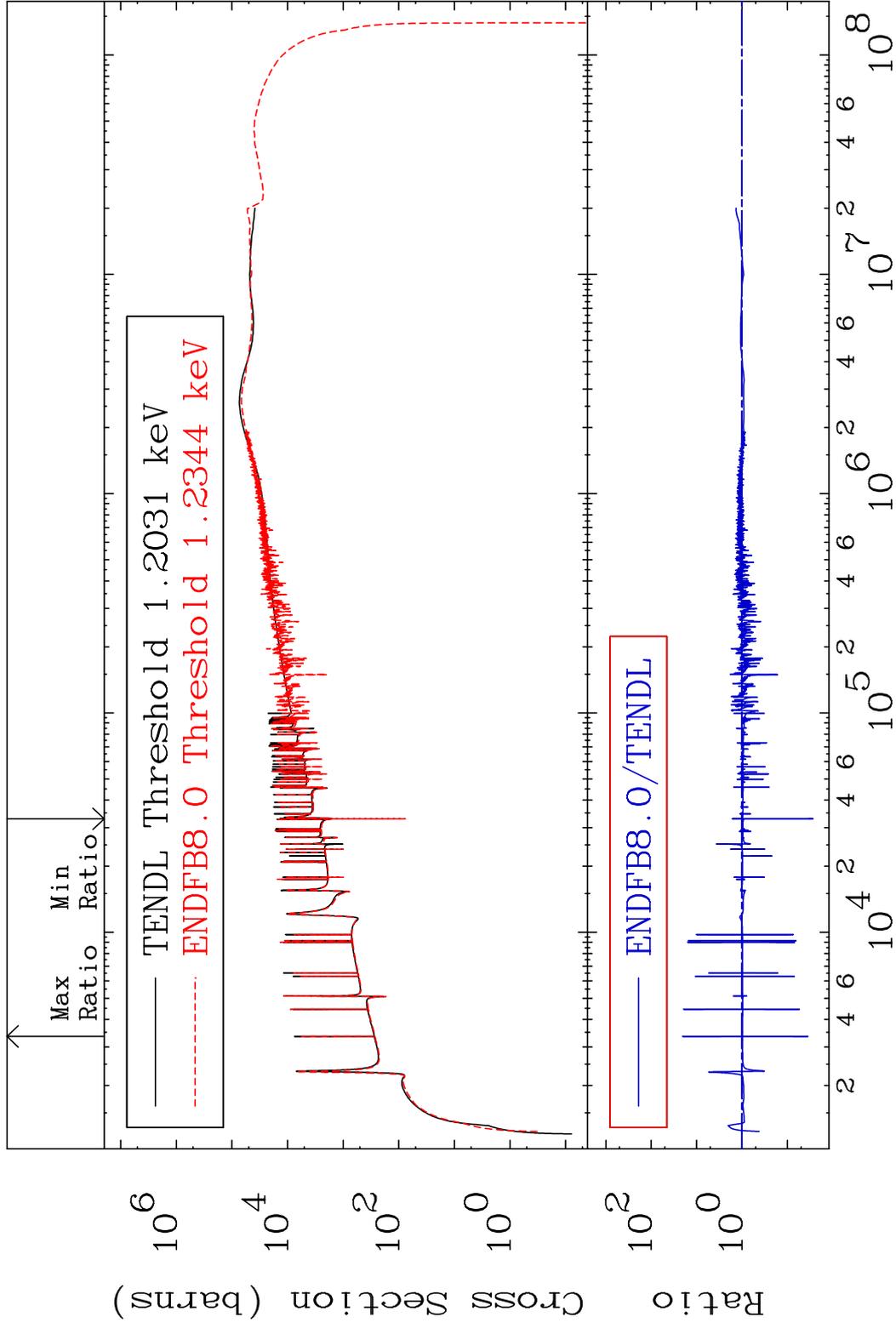
83-Bi-209

MAT 8325

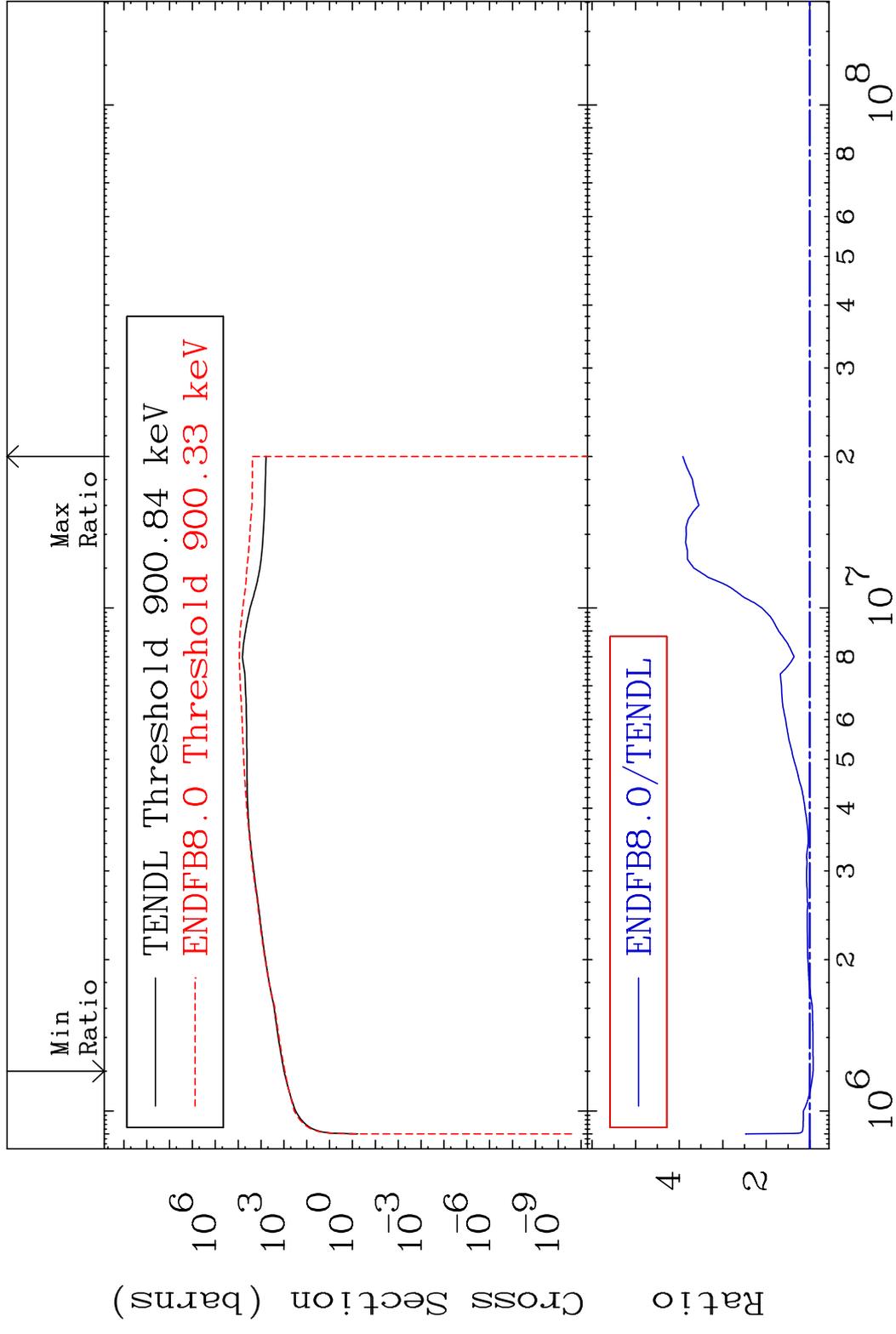
Dpa elastic (mt2)

83-Bi-209

Cross Section -97.30 To 1912. %



MAT 8325 Dpa inelastic (mt51-91) 83-Bi-209
 Cross Section -7.729 To 291.6 %



MAT 8325 Dpa disappearance (mt102 -120) 83-Bi-209
 Cross Section -99.98 To 9999. %

