

Program Complot
(Version 2021-1)

by

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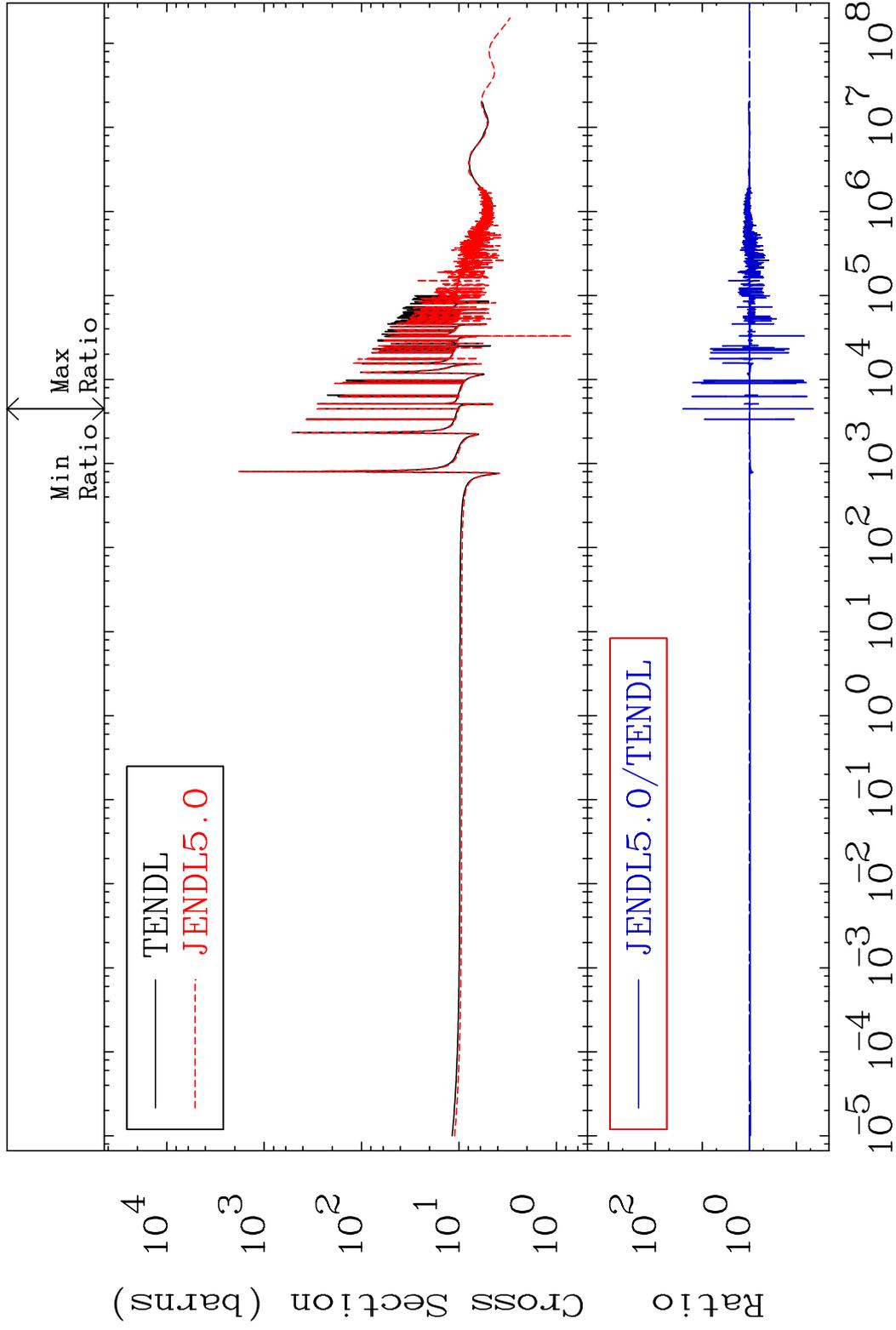
Press Mouse Button to Start

MAT 8325

Total

83-Bi-209

Cross Section -95.62 To 2500. %



1

Incident Energy (eV)

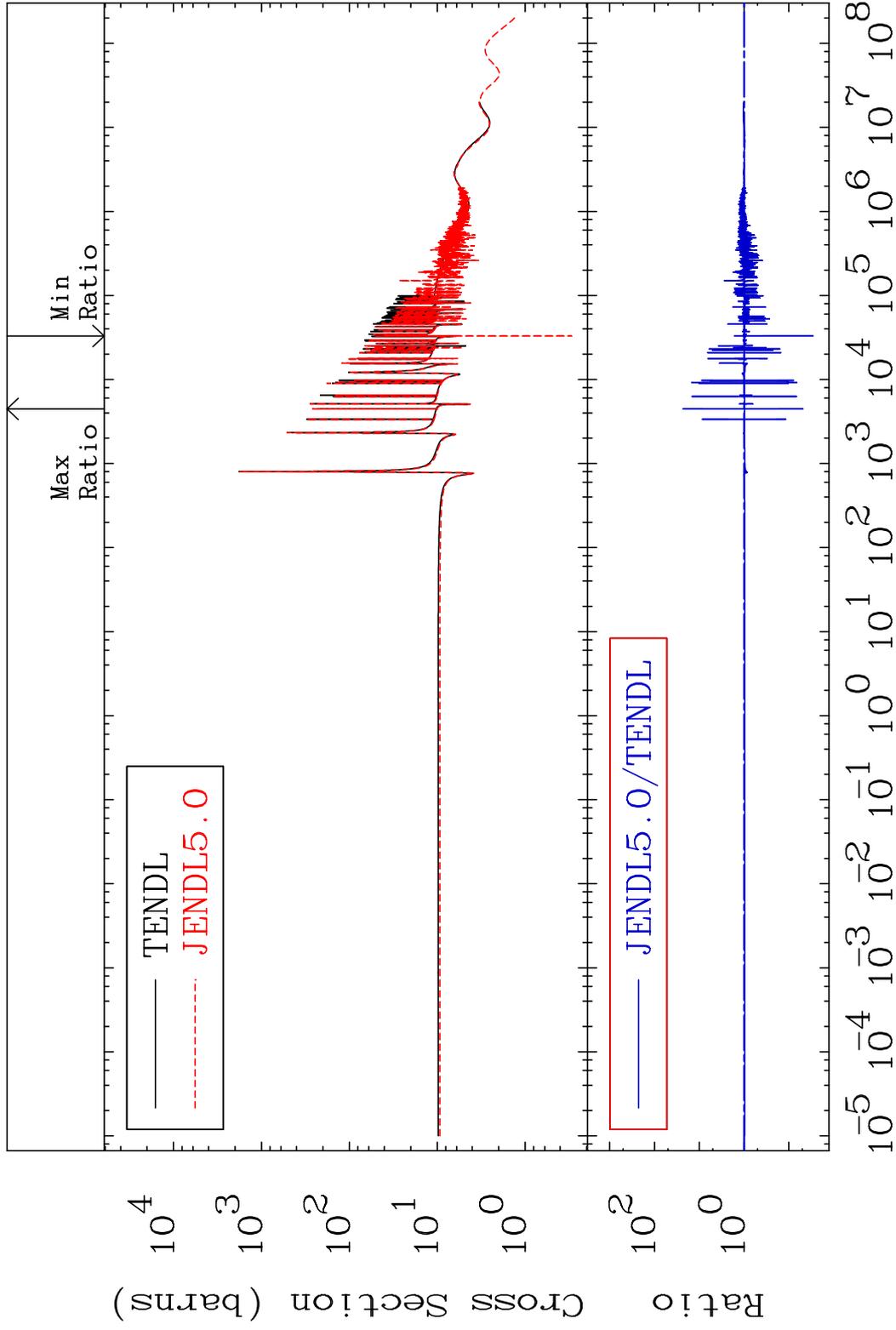
83-Bi-209

MAT 8325

Elastic

83-Bi-209

Cross Section -97.15 To 2225. %



2

Incident Energy (eV)

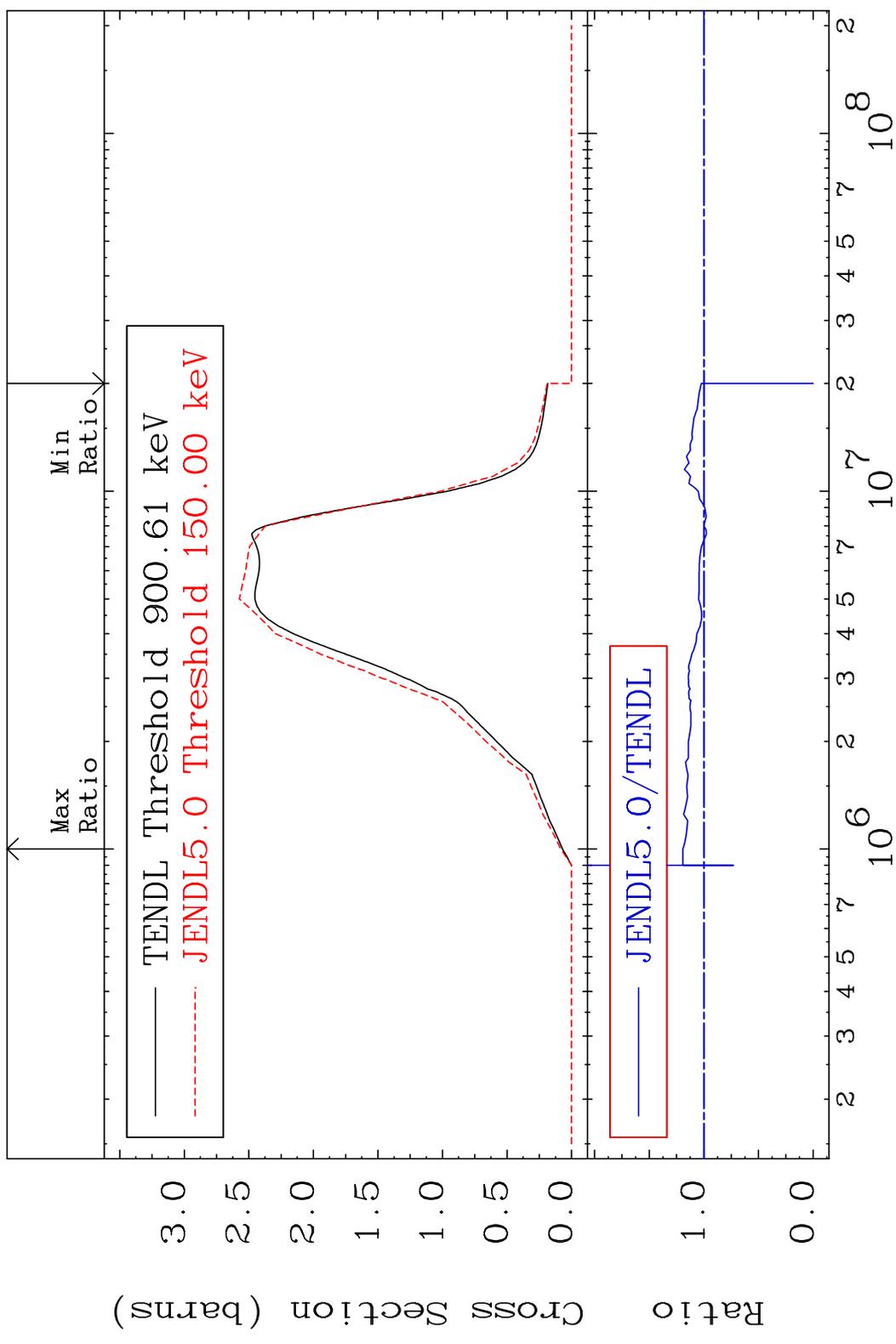
83-Bi-209

MAT 8325

Inelastic

83-Bi-209

Cross Section -100.0 To 19.28 %

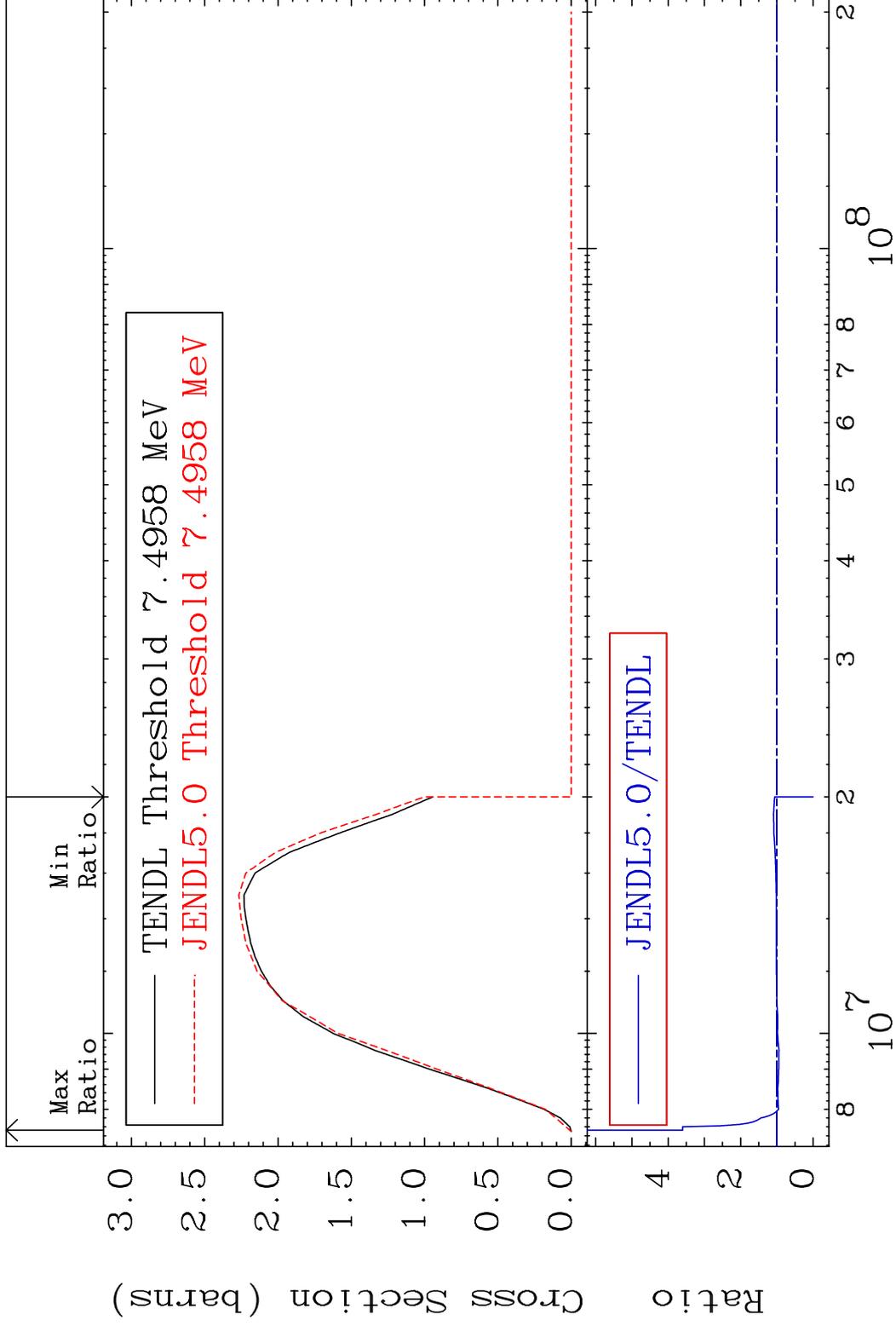


MAT 8325

(n,2n)

83-Bi-209

Cross Section -100.0 To 260.1 %



4

Incident Energy (eV)

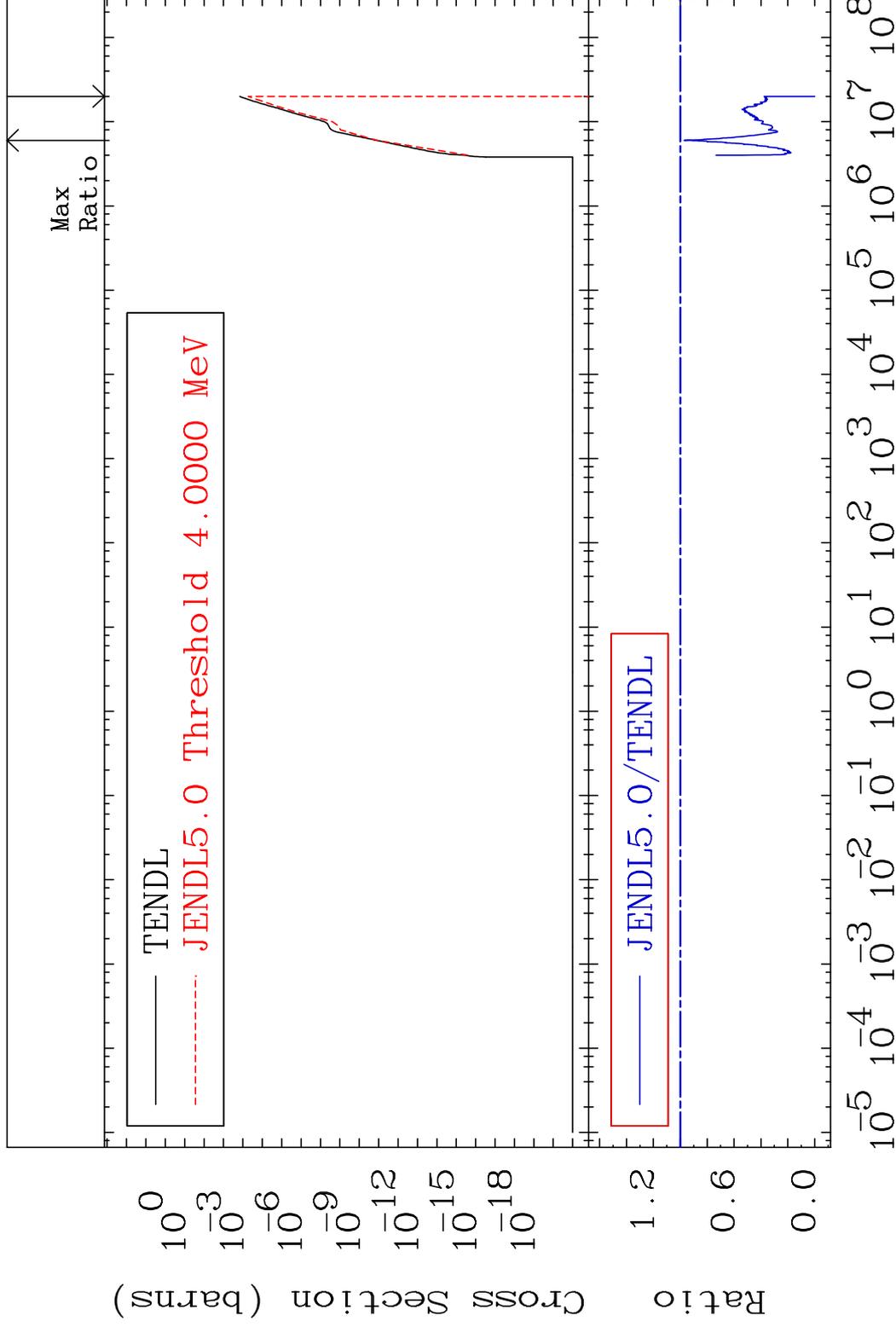
83-Bi-209

MAT 8325

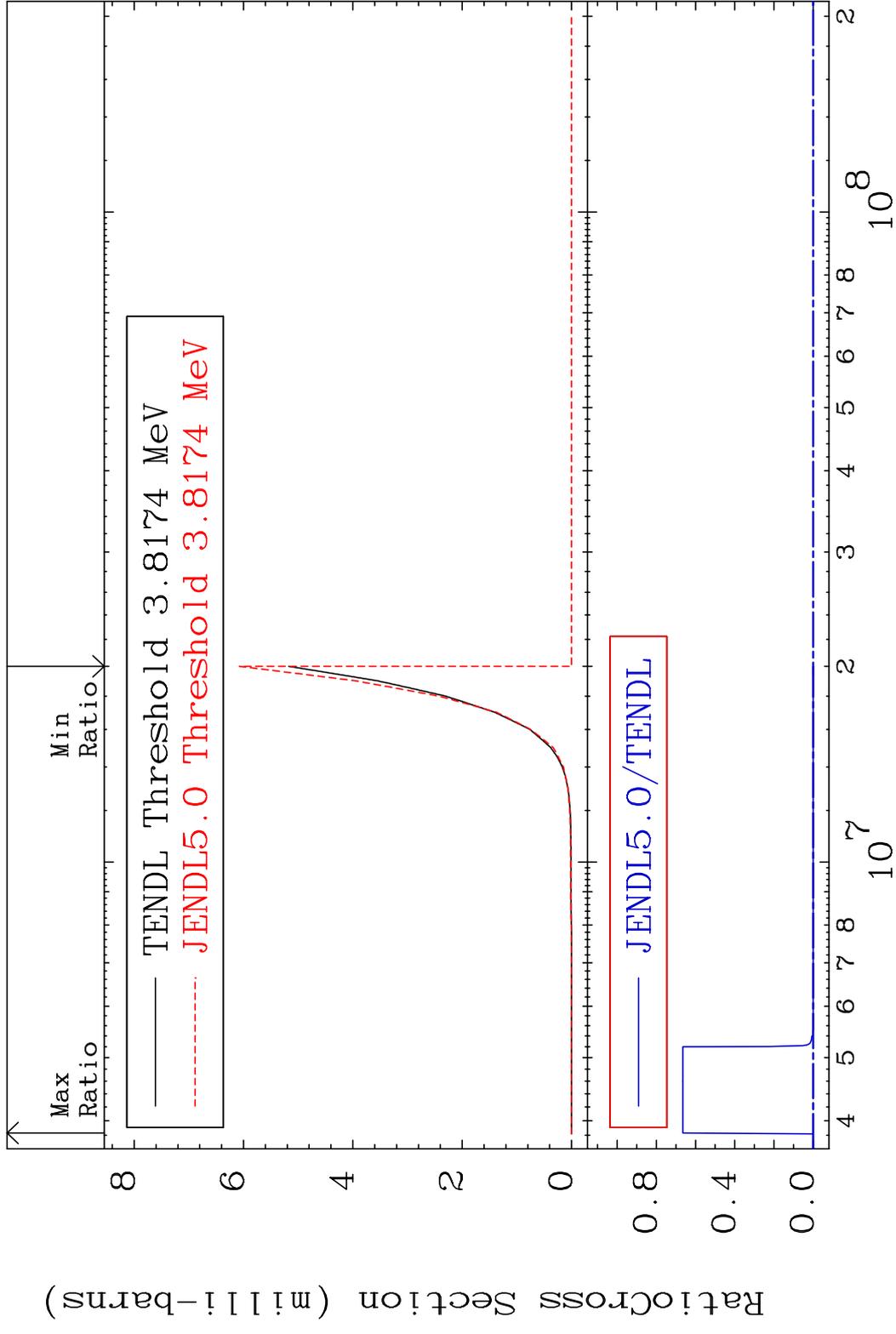
(n, n') α

83-Bi-209

Cross Section -100.0 To -2.870%



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

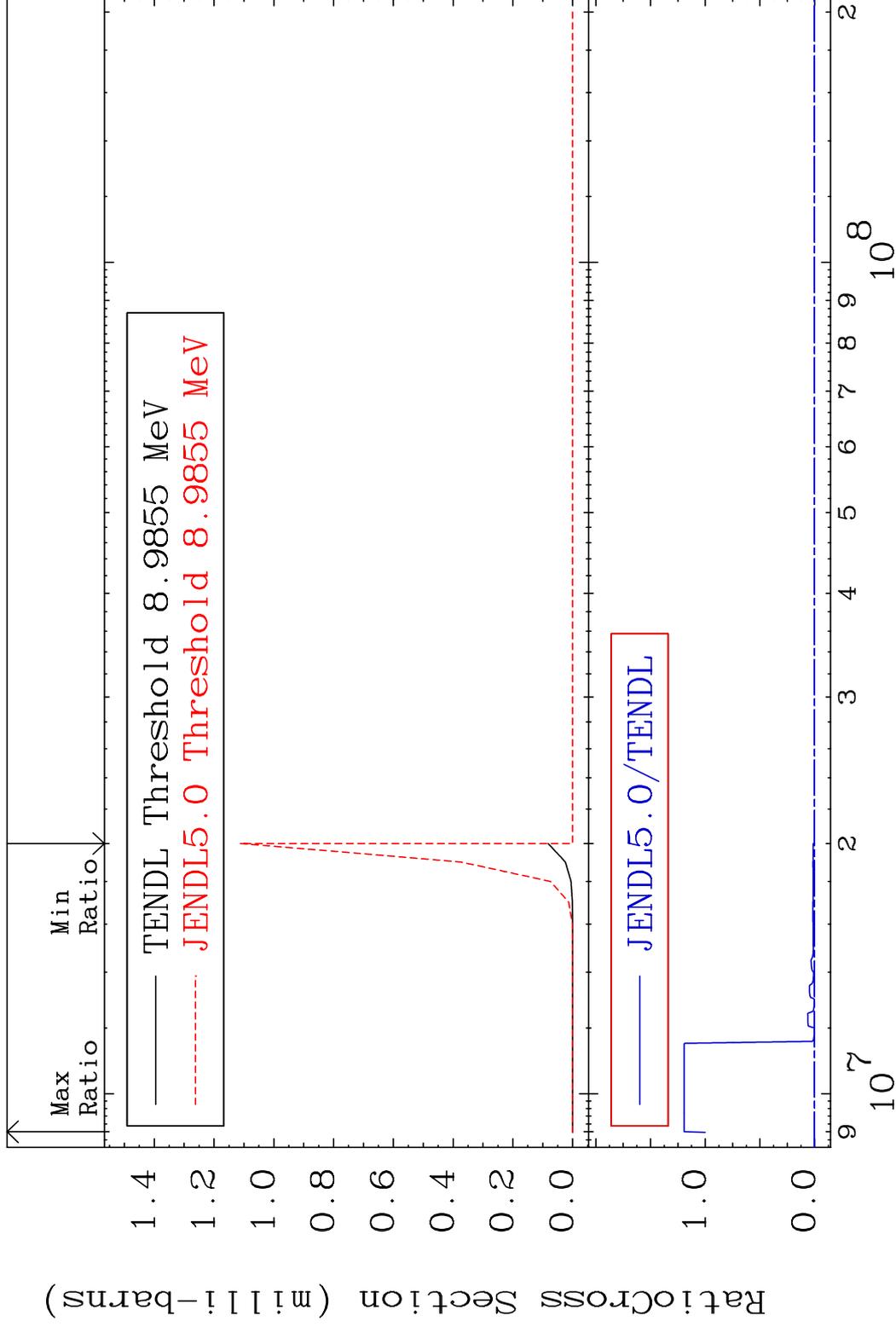


MAT 8325

(n, n') d

83-Bi-209

Cross Section -100.0 To 9999. %

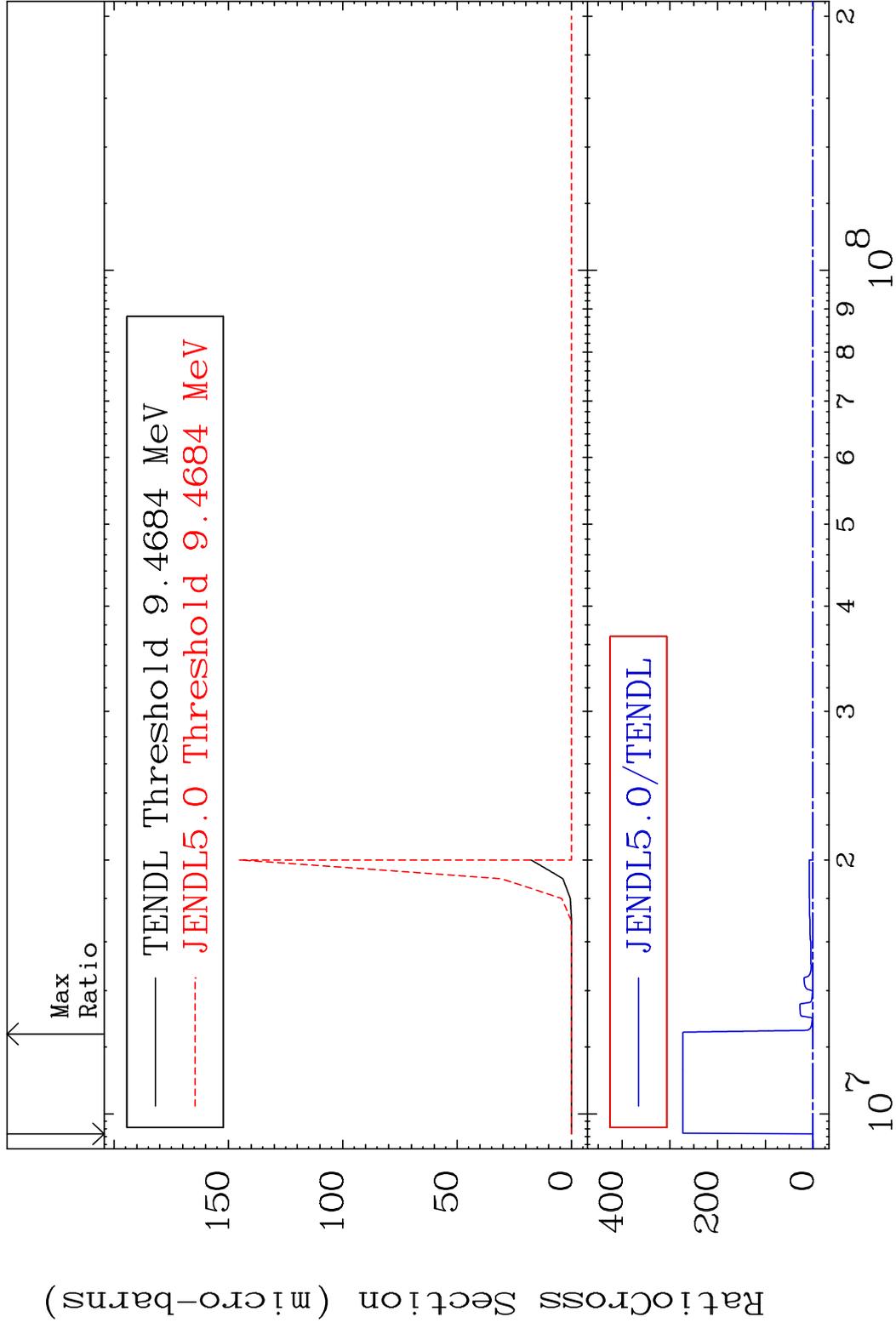


8

Incident Energy (eV)

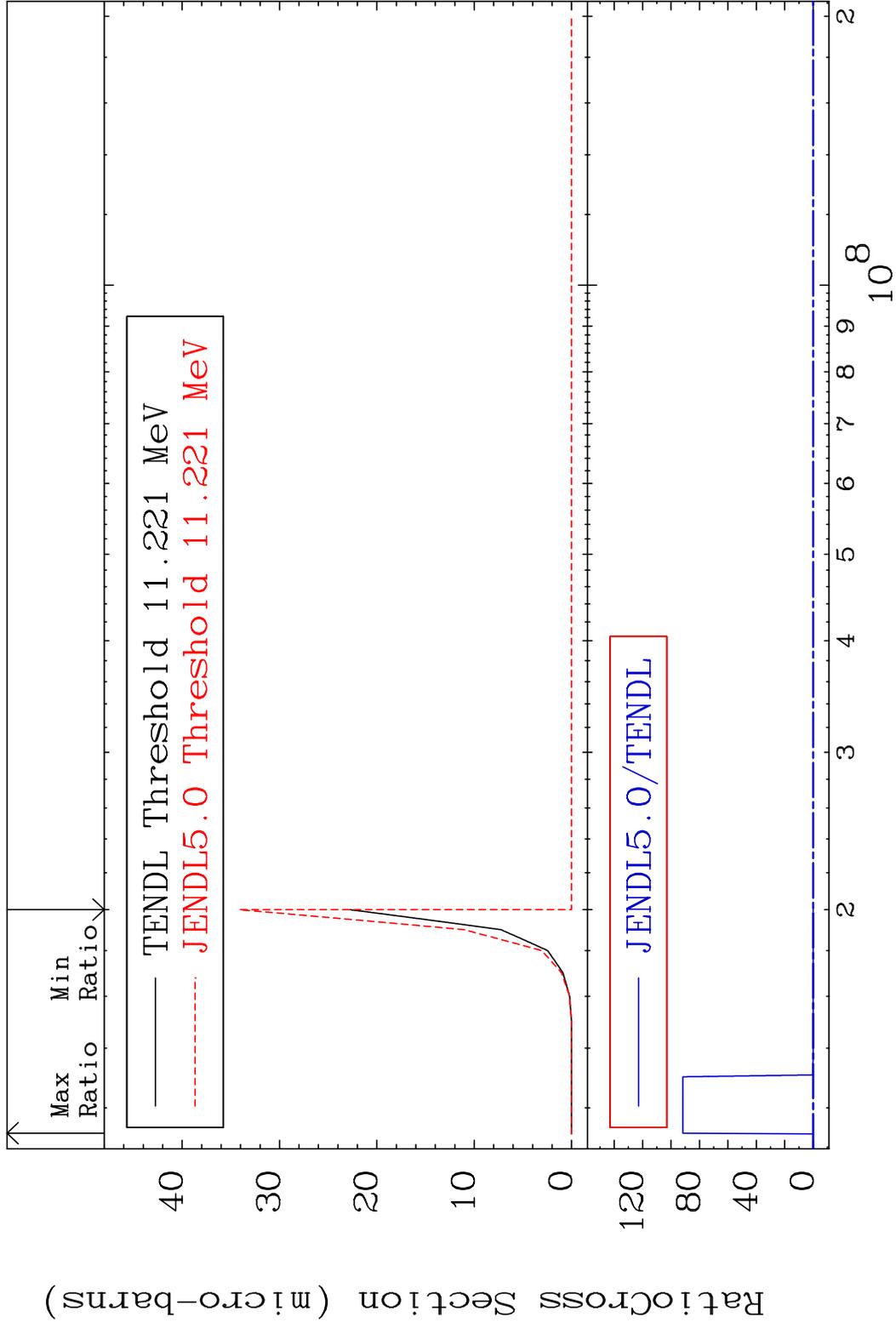
83-Bi-209

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



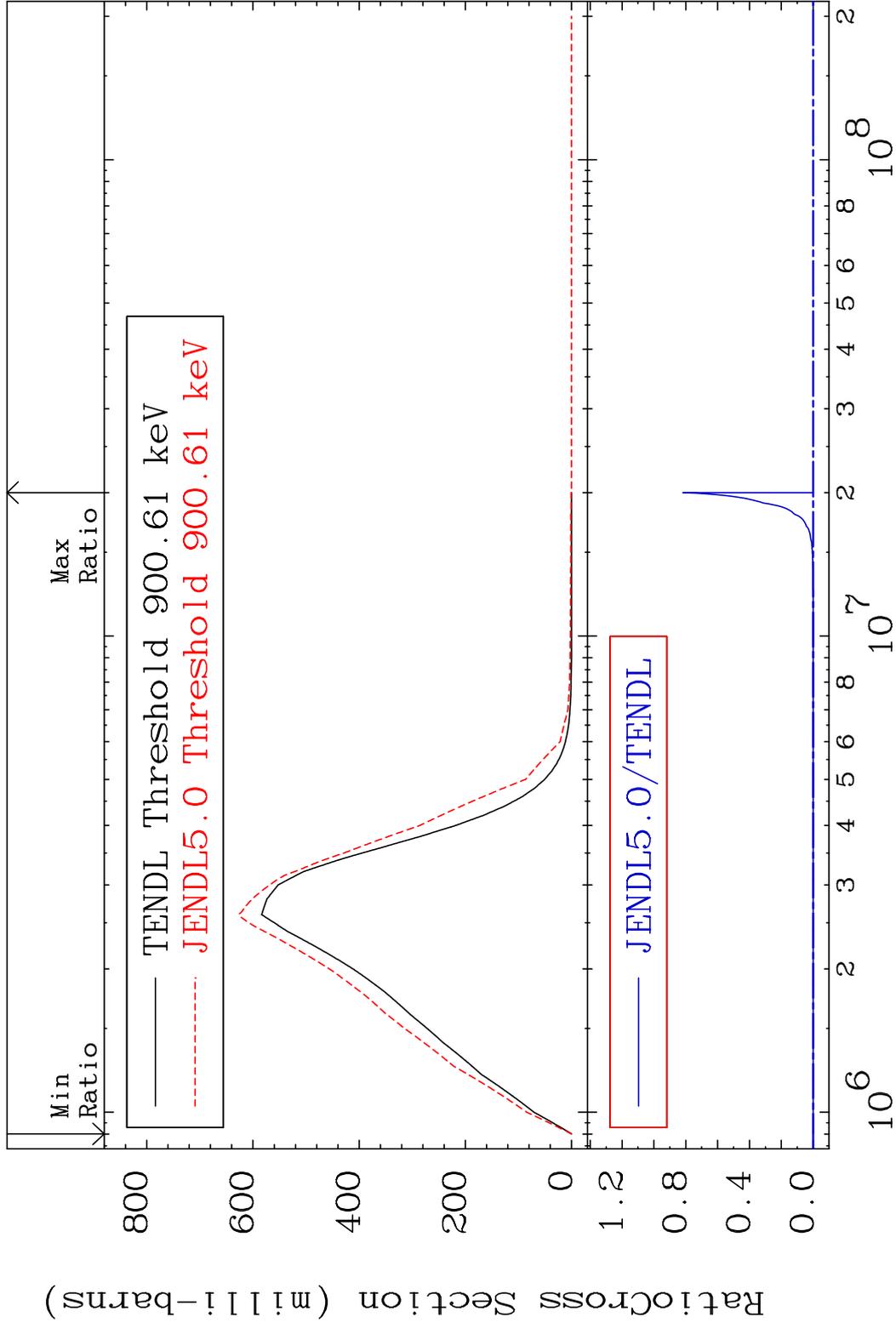
9 2 8 9 8 7 6 5 4 3 2 1 0 0 200 400 10⁷ 10⁸ 10⁹ 83-Bi-209

MAT 8325 (n,2n) p 83-Bi-209
 Cross Section -100.0 To 9999. %



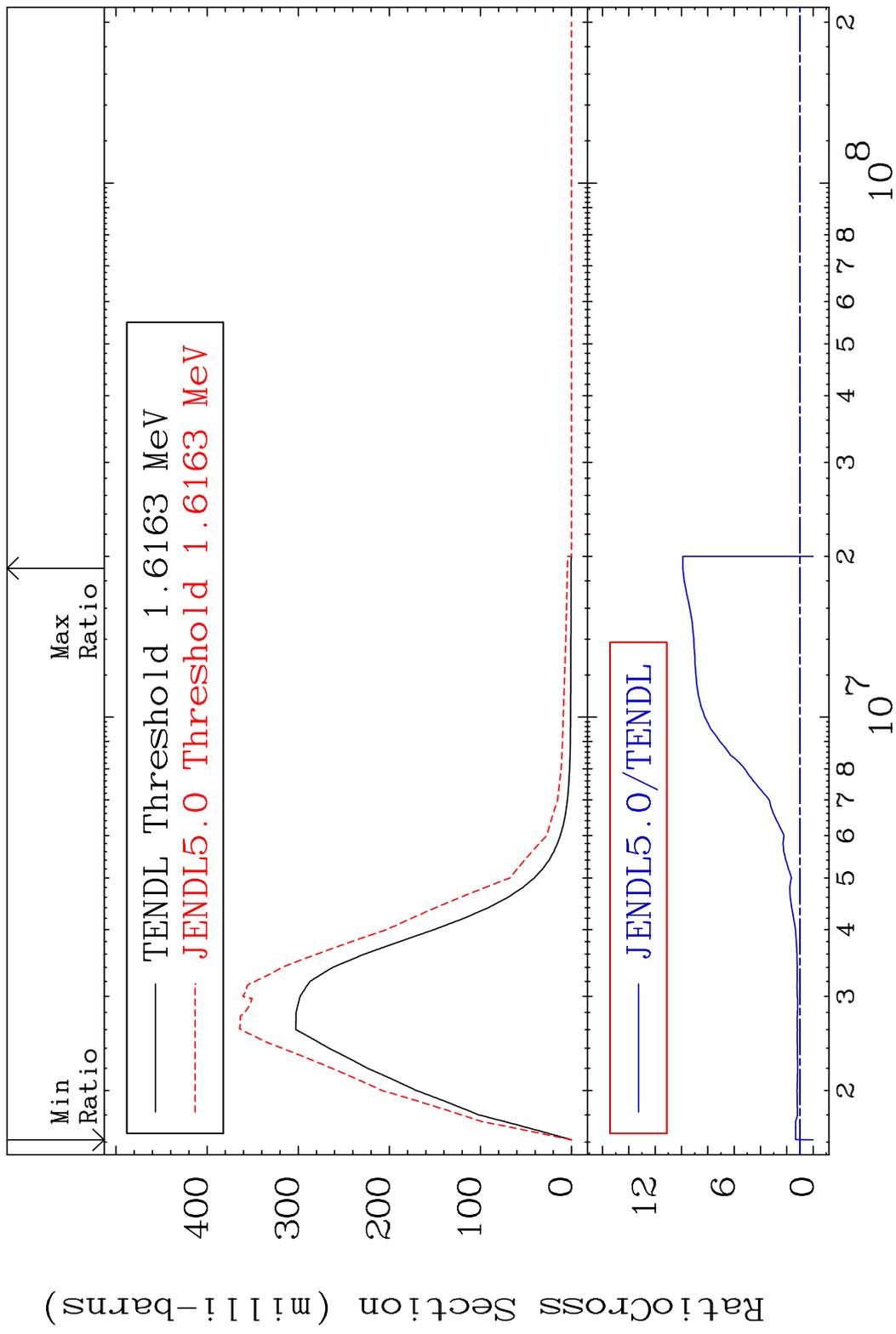
10 Incident Energy (eV) 83-Bi-209

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



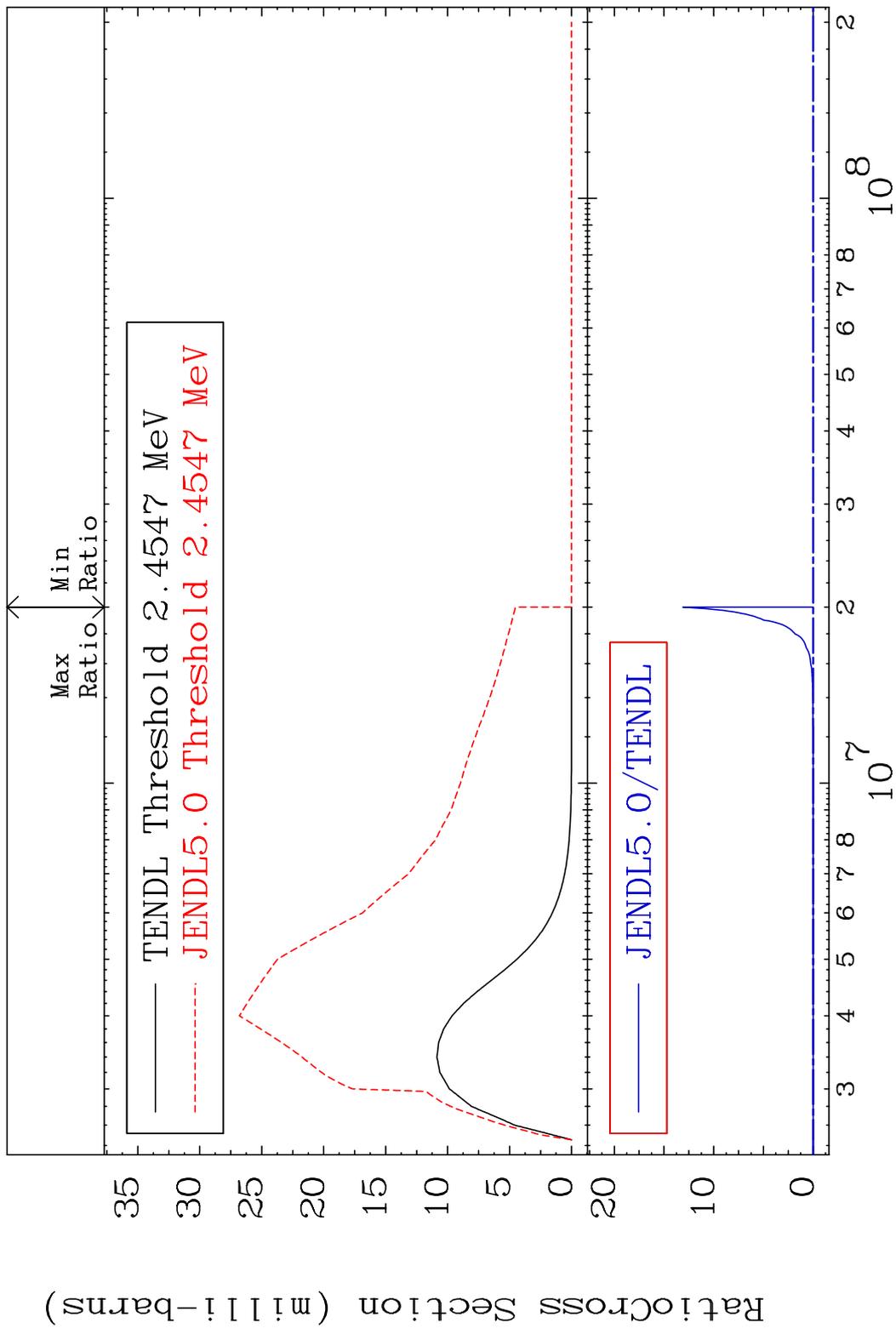
11 Incident Energy (eV) 83-Bi-209

MAT 8325 MT= 52 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 890.0 %



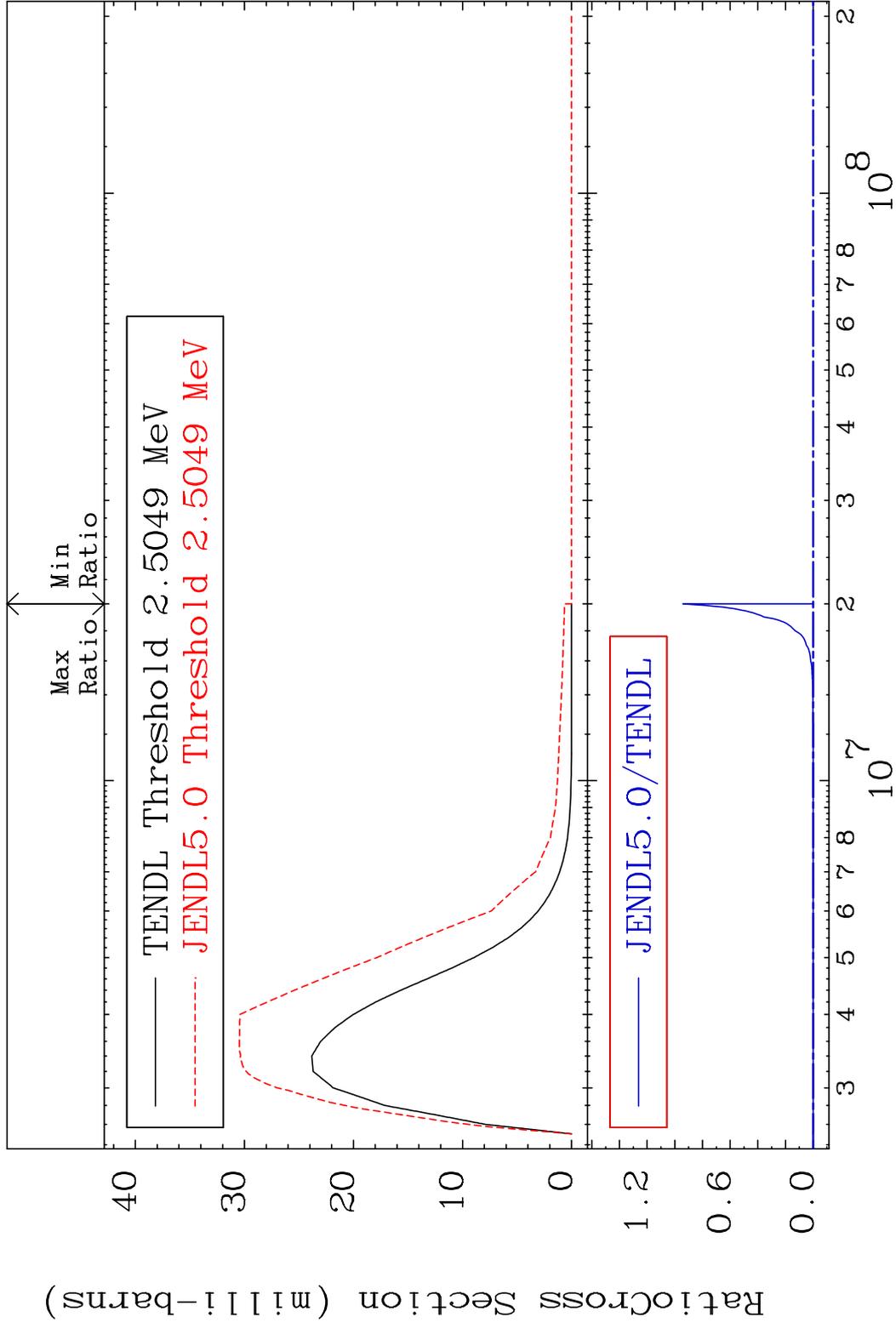
12 83-Bi-209

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

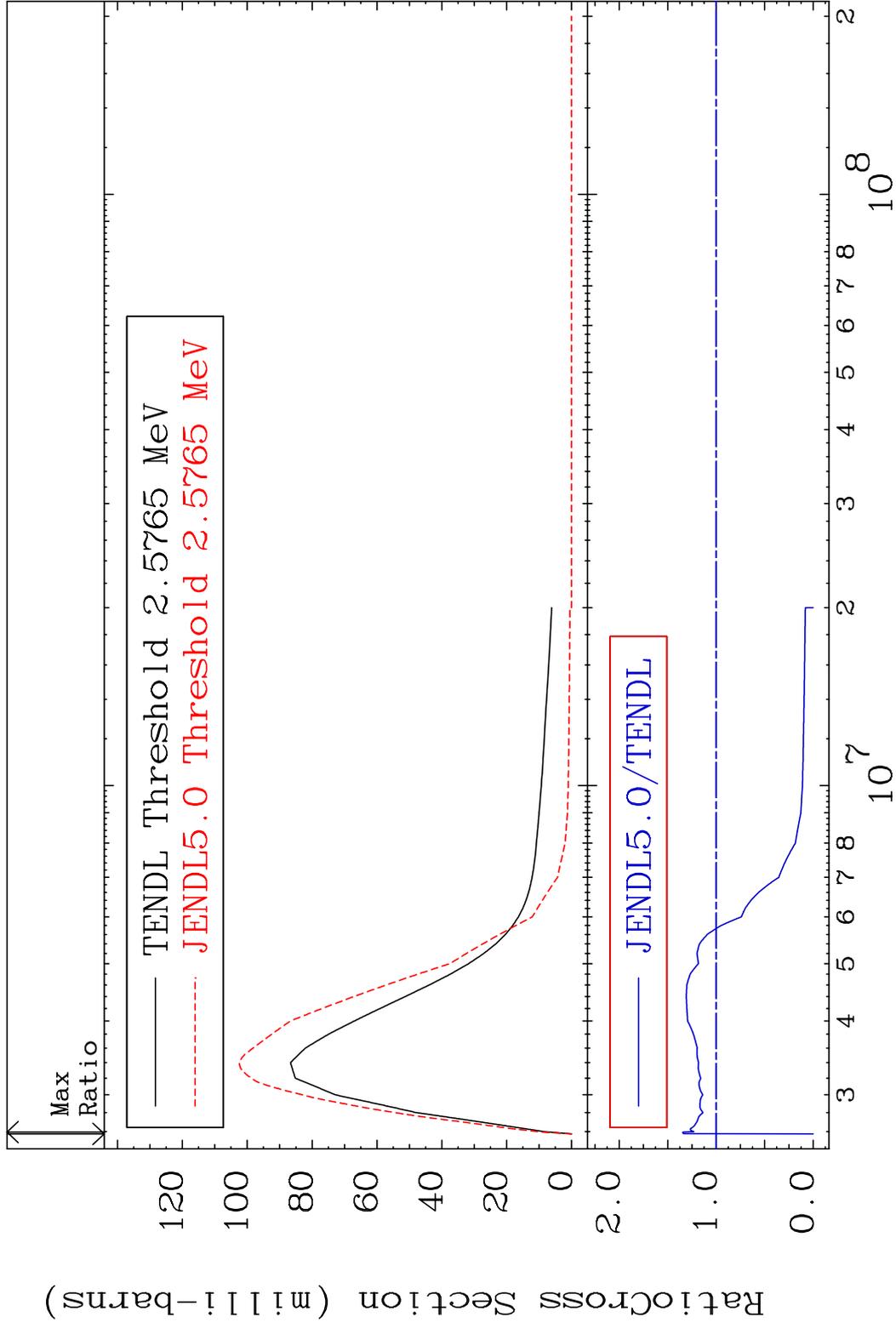


13 Incident Energy (eV) 83-Bi-209

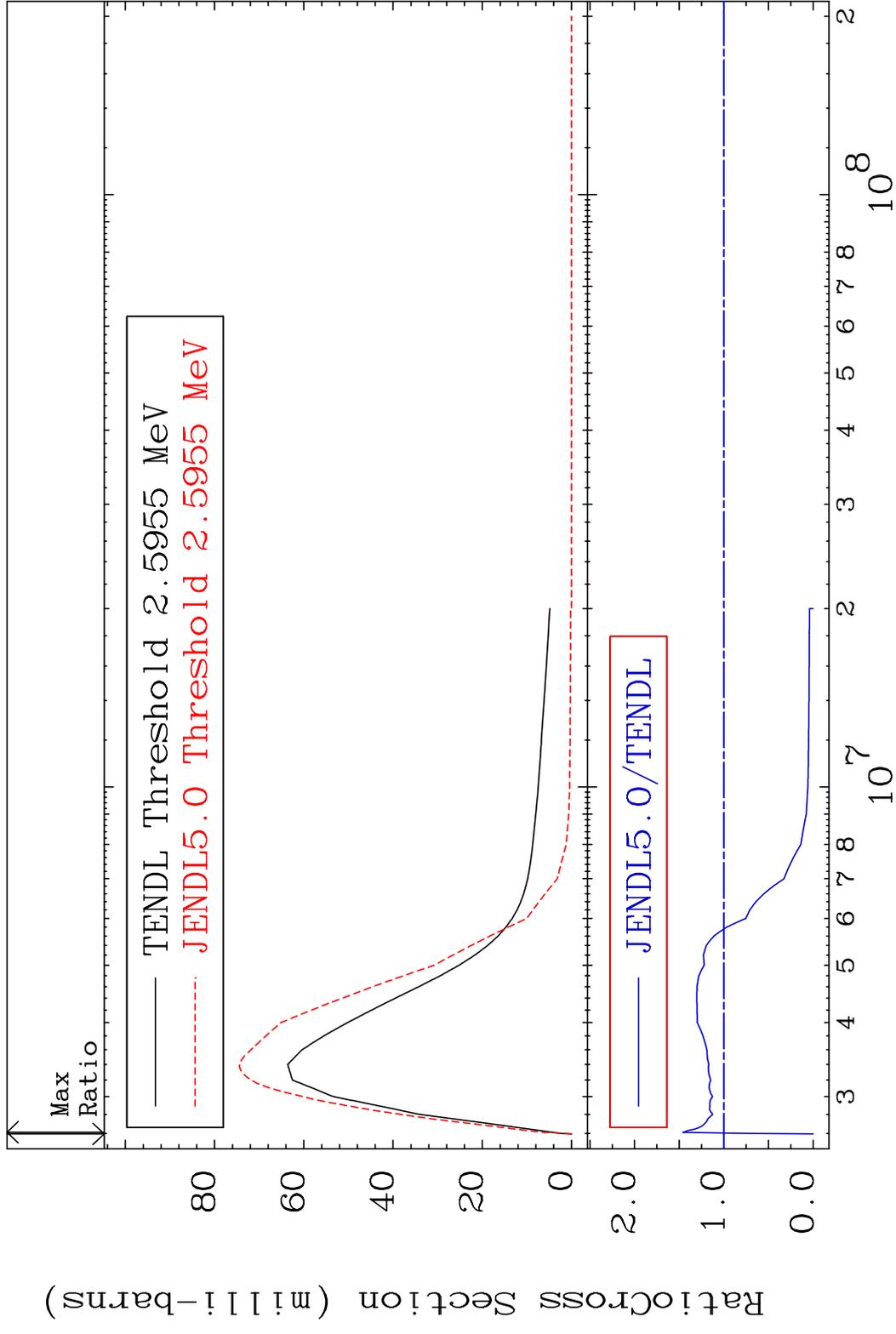
MAT 8325 MT= 54 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %



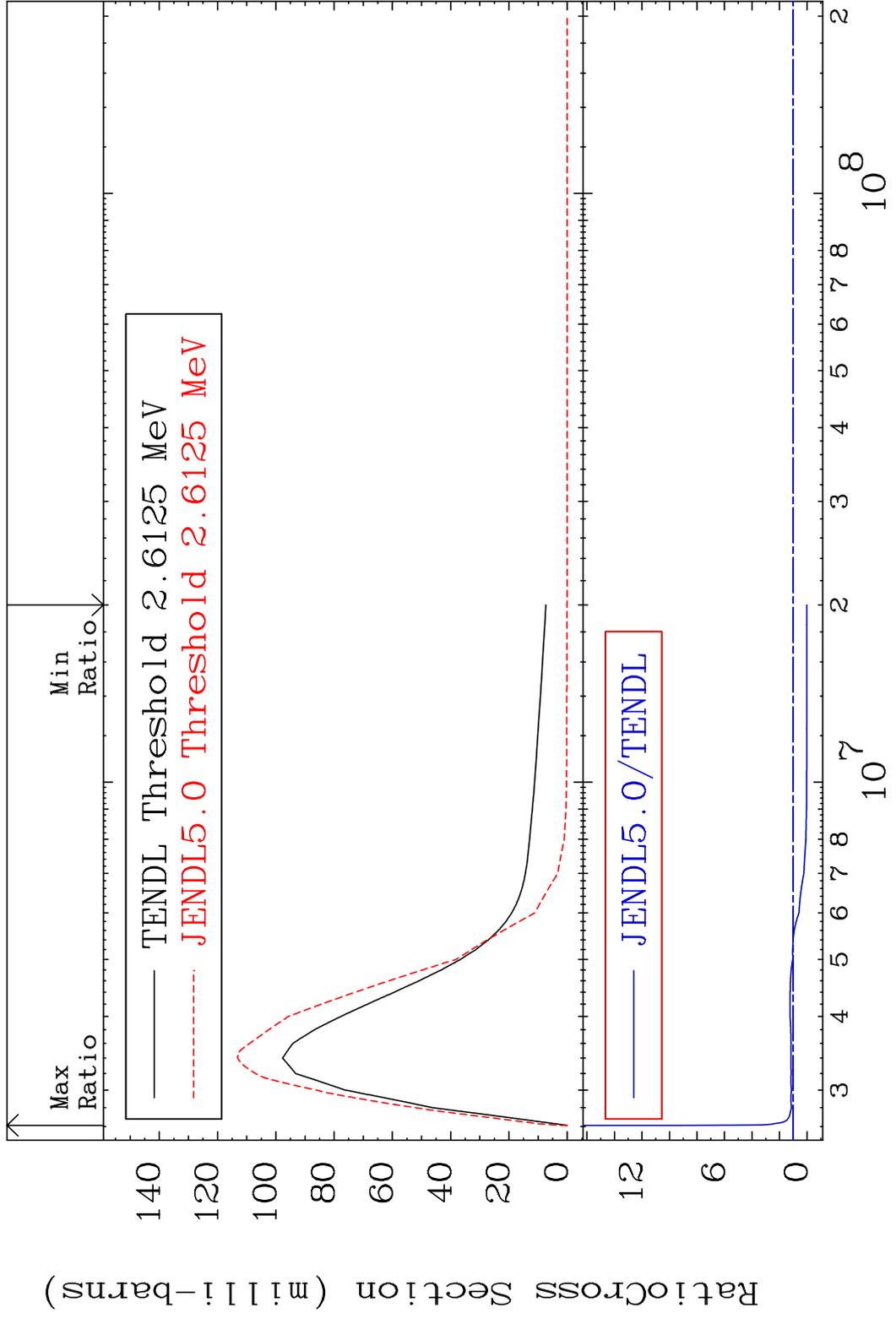
MAT 8325 MT= 55 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 34.39 %



MAT 8325 MT= 56 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 45.96 %

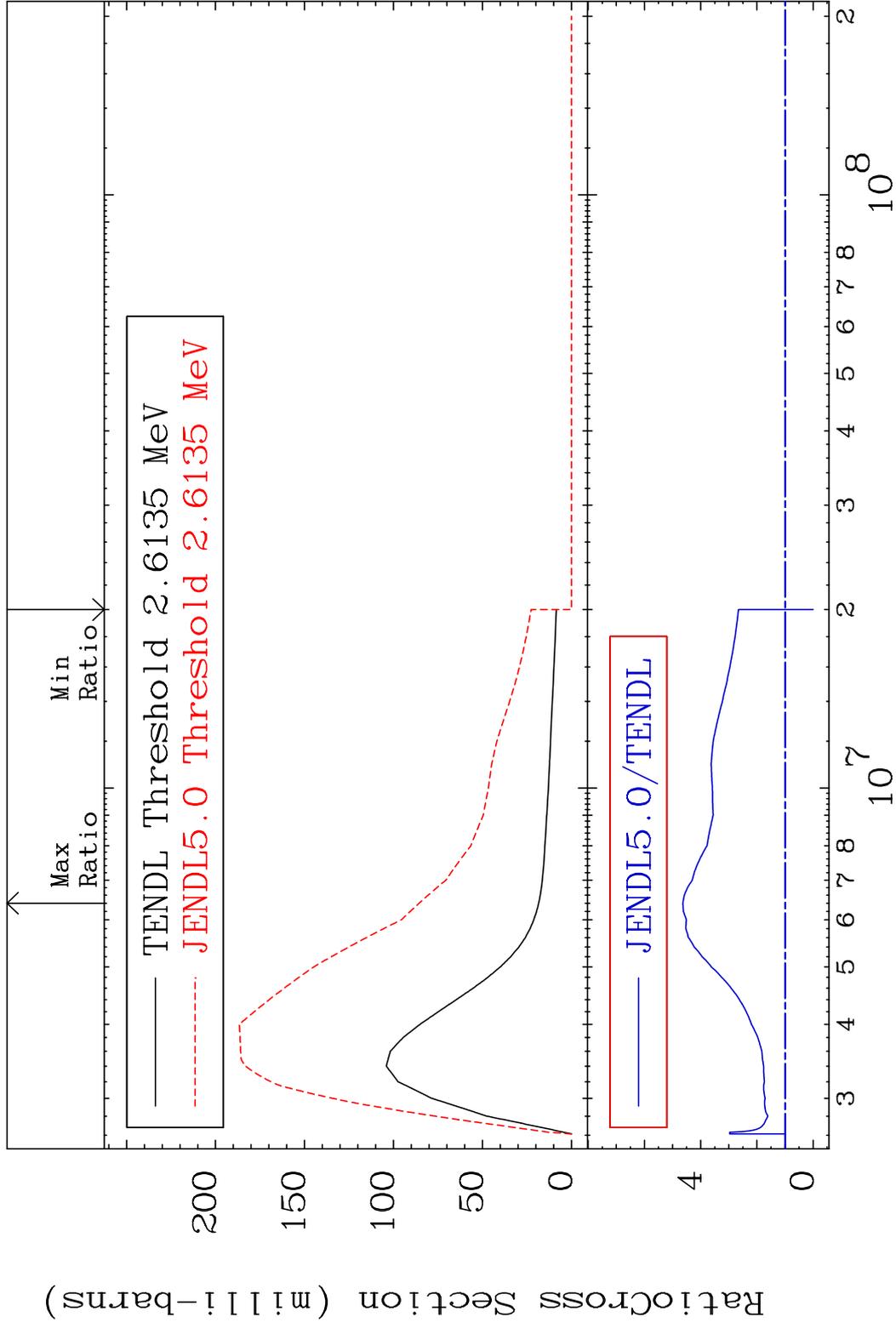


MAT 8325 MT= 57 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 840.3 %

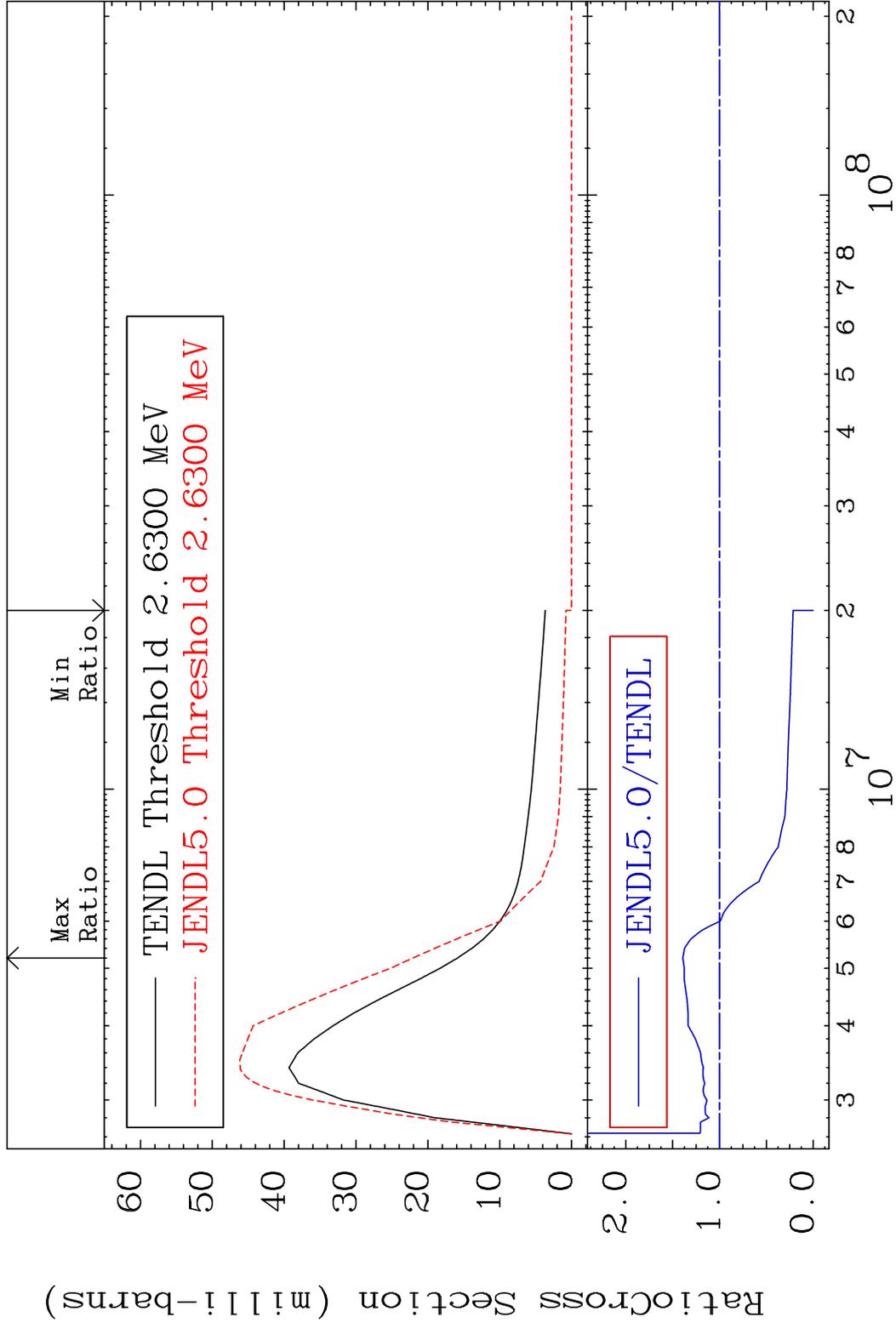


17 Incident Energy (eV) 83-Bi-209

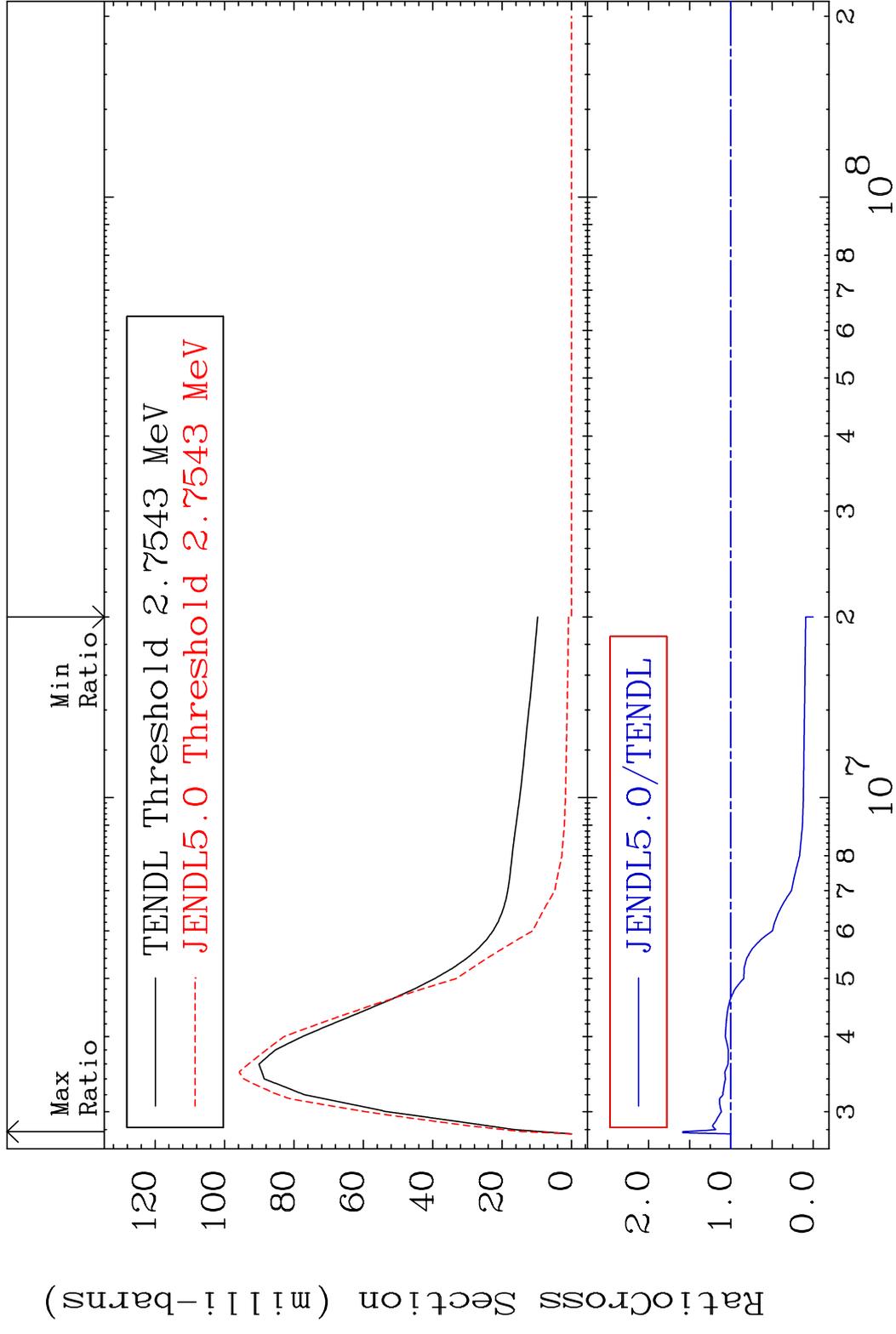
MAT 8325 MT= 58 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 363.5 %



MAT 8325 MT= 59 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 39.14 %

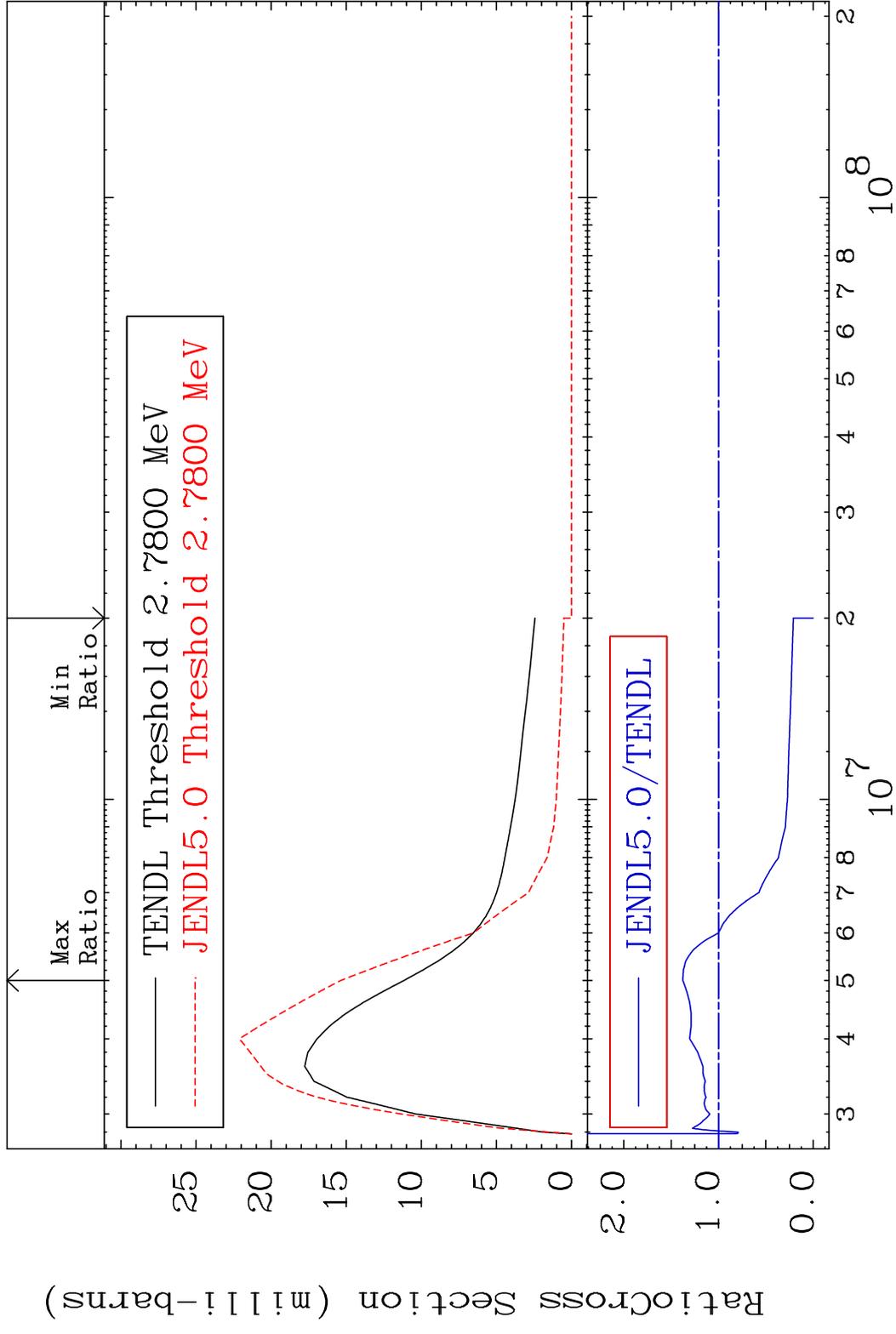


MAT 8325 MT= 60 (n,n') Level 83-Bi-209
 Cross Section -100.0 To 58.38 %

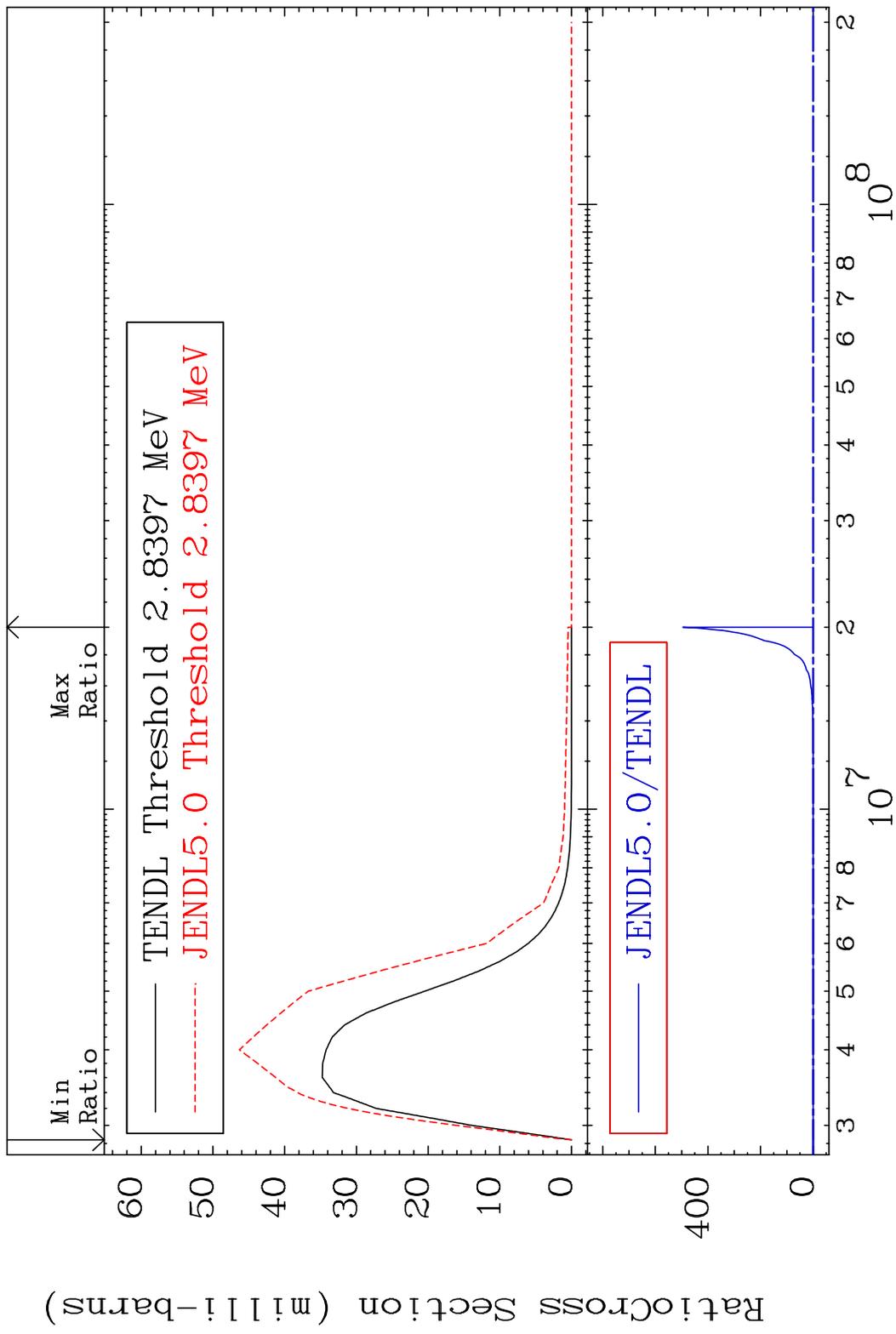


20 83-Bi-209

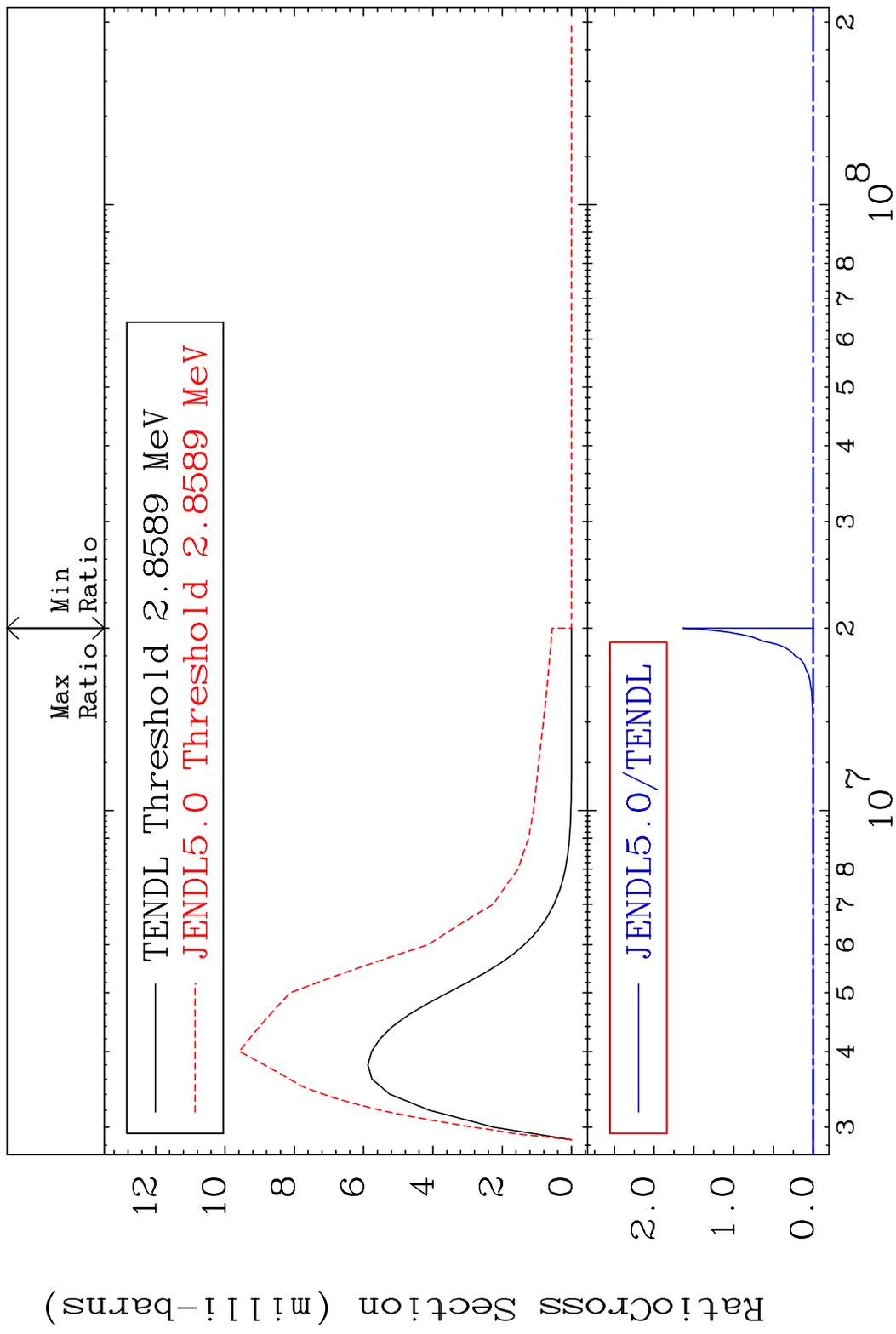
MAT 8325 MT= 61 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 37.67 %



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

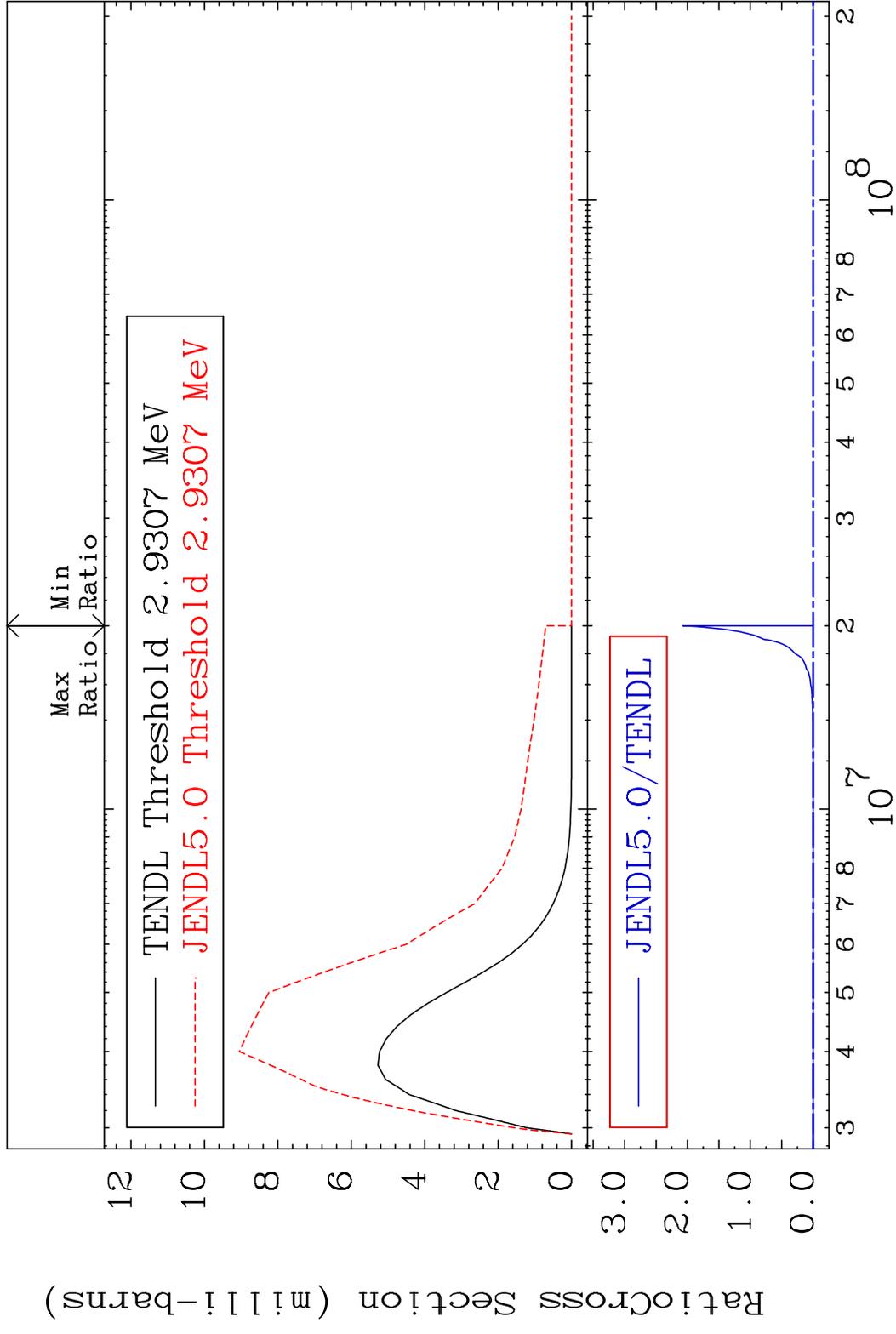


MAT 8325 MT= 63 (n, n') Level 83-Bi-209
 Cross Section -100.0 To 9999. %

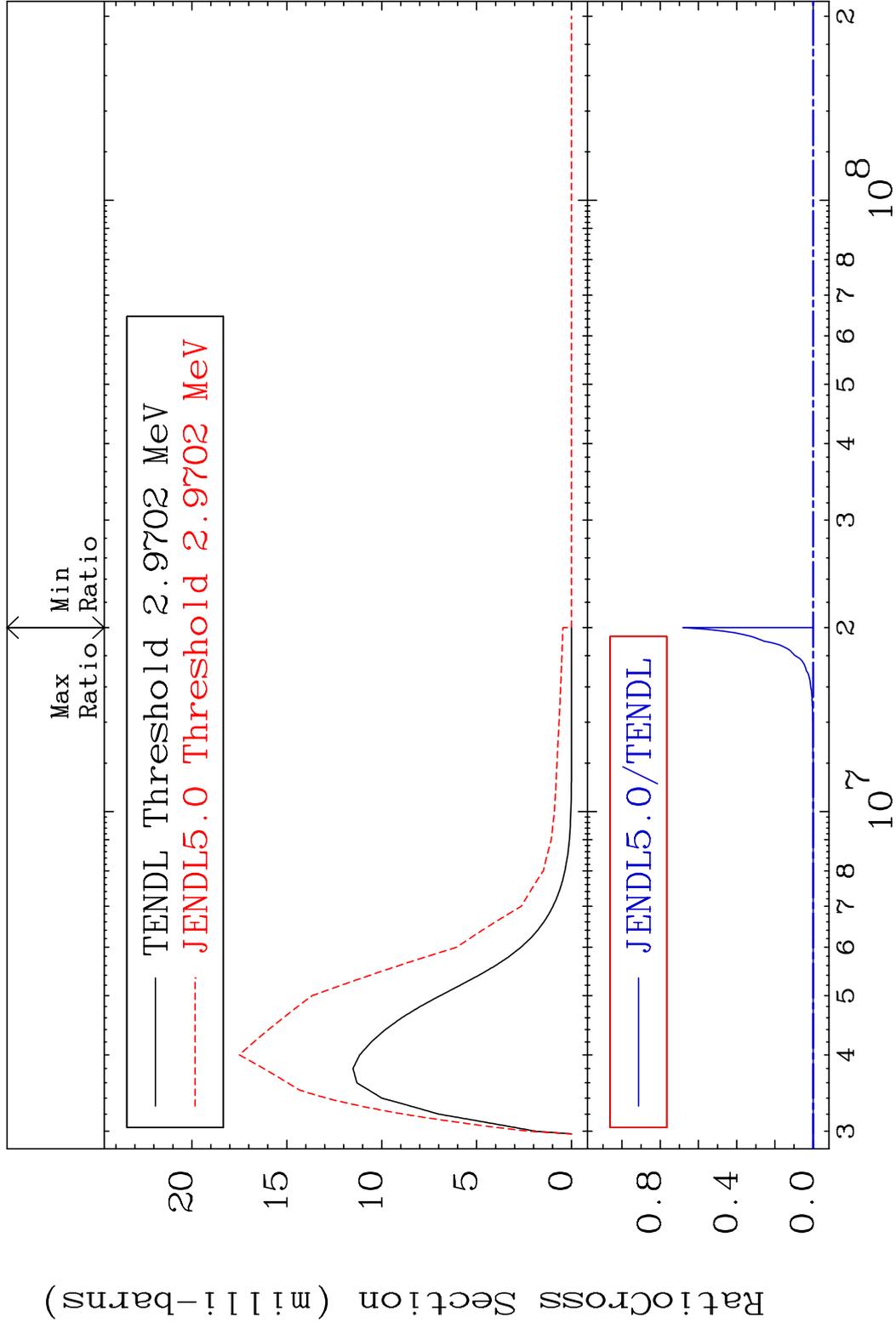


23 Incident Energy (eV) 83-Bi-209

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. %

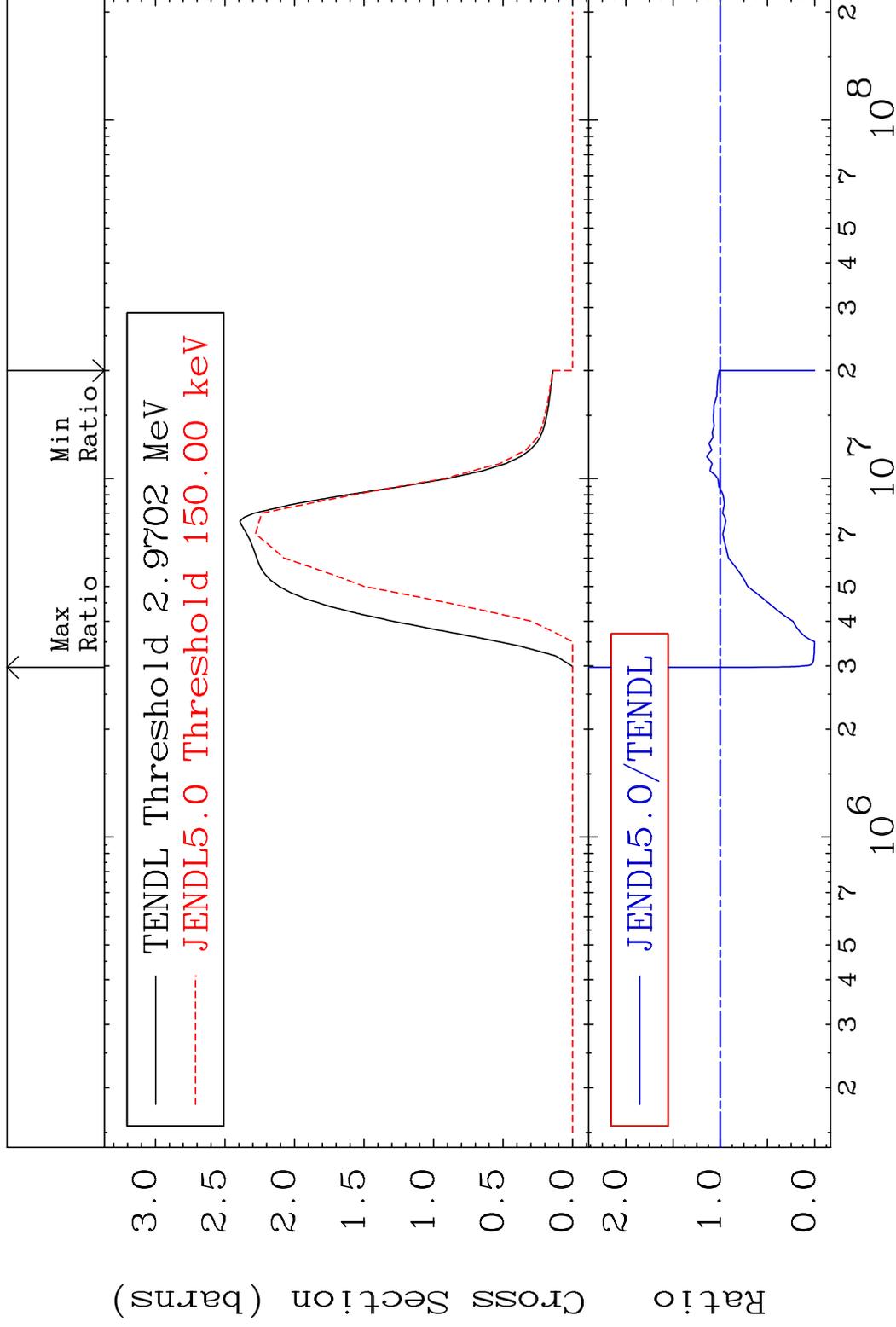


MAT 8325

(n, n') Continuum

83-Bi-209

Cross Section -100.0 To 38.31 %

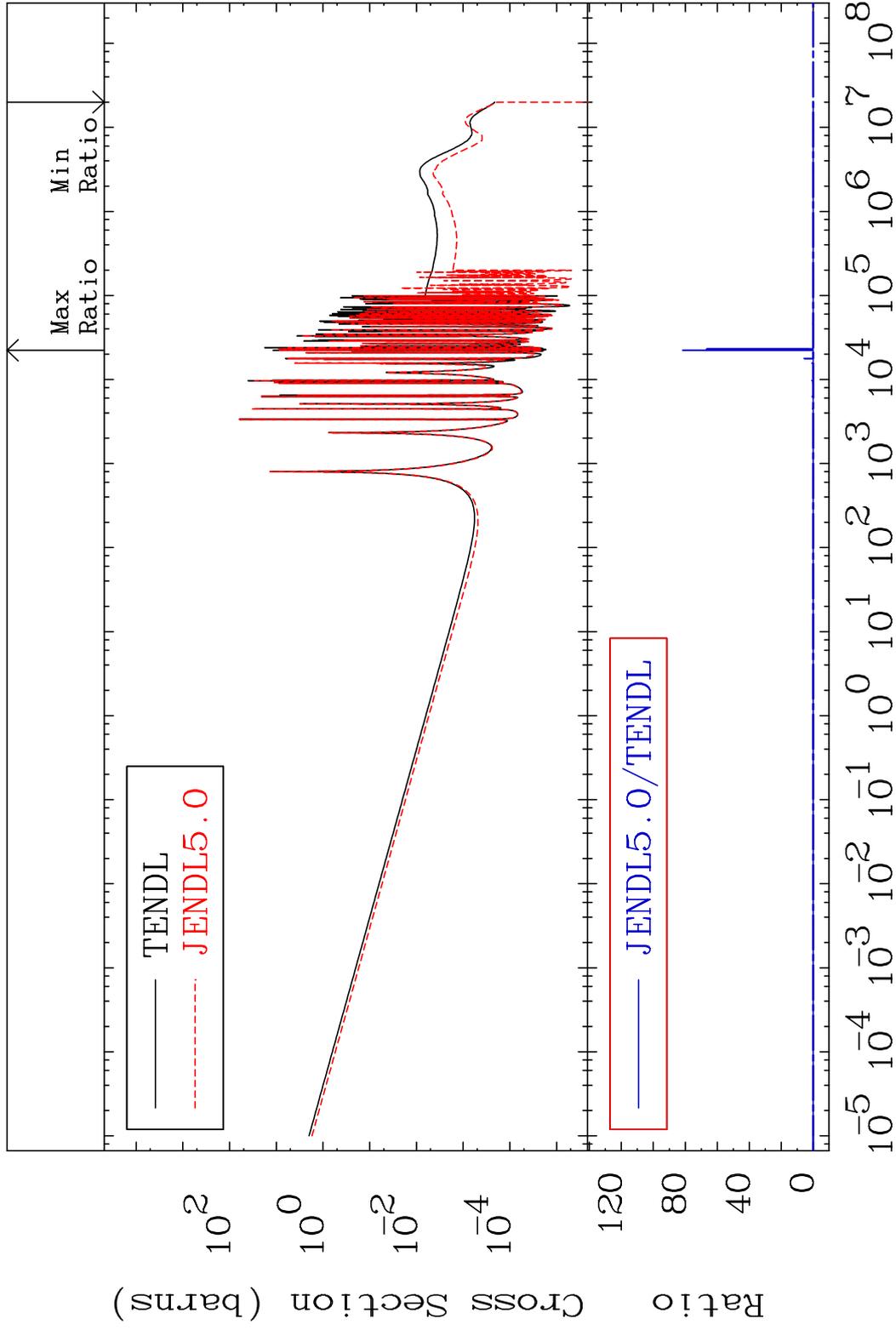


MAT 8325

(n, γ)

83-Bi-209

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

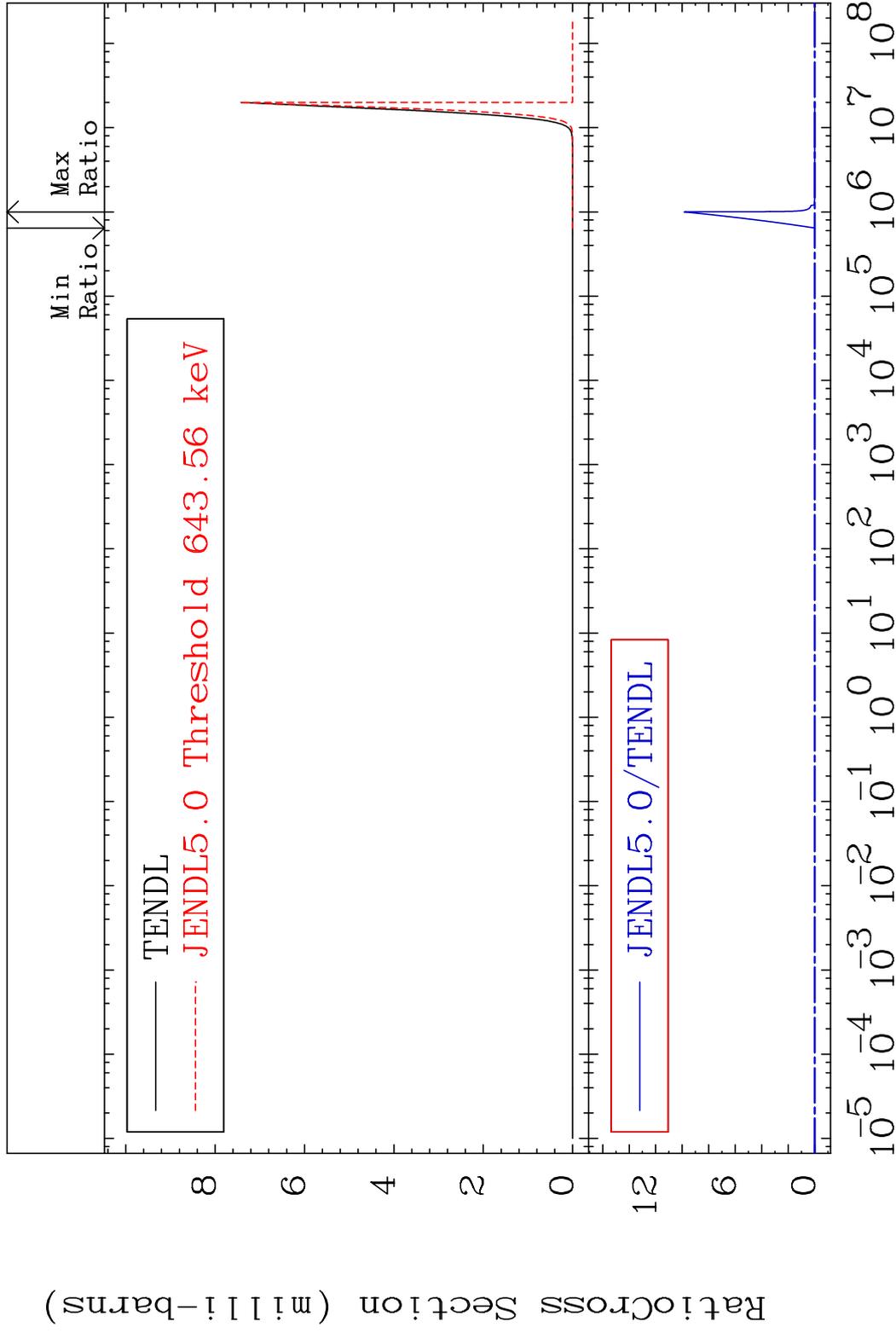
83-Bi-209

MAT 8325

(n,p)

83-Bi-209

Cross Section -100.0 To 9999. %

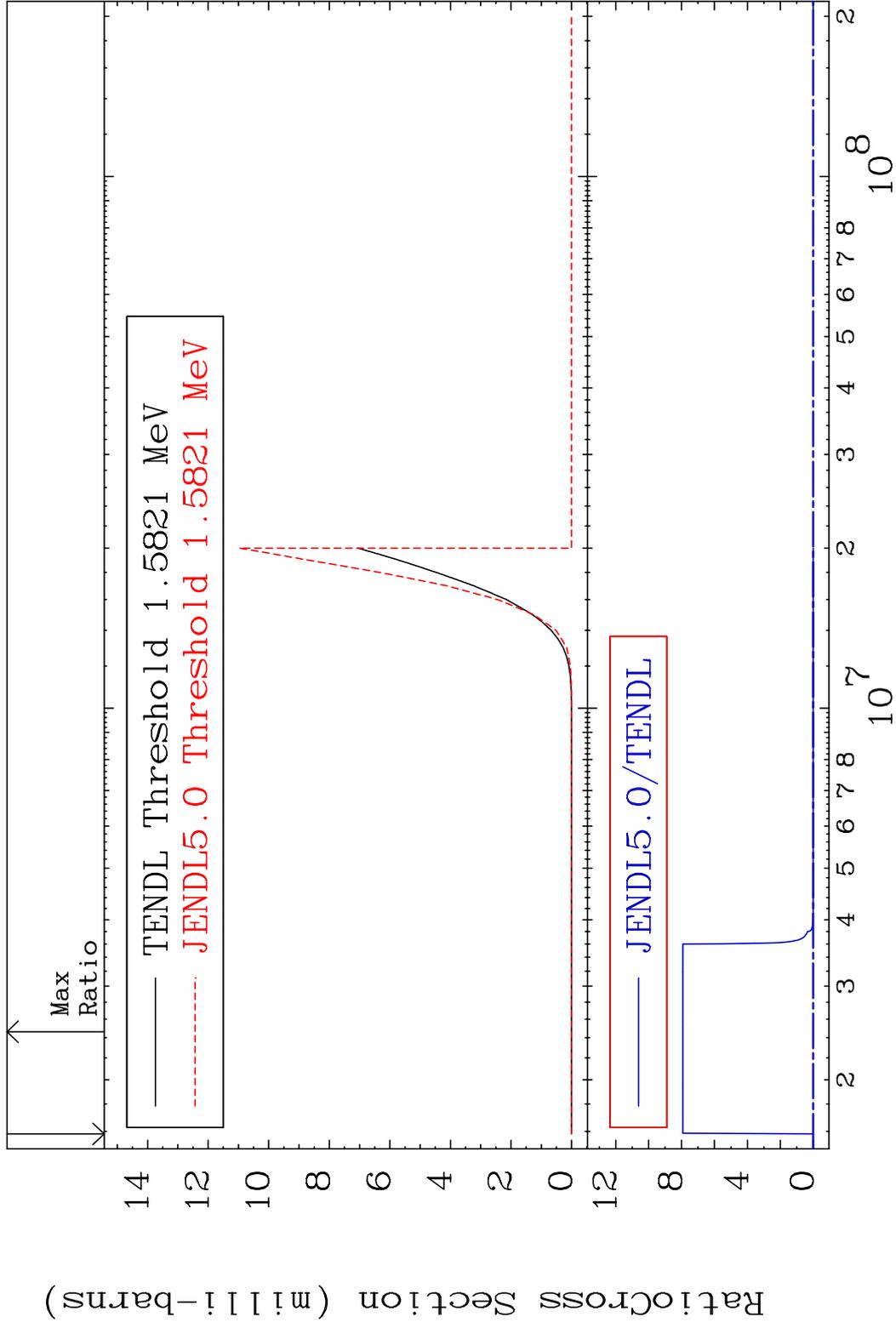


28

Incident Energy (eV)

83-Bi-209

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

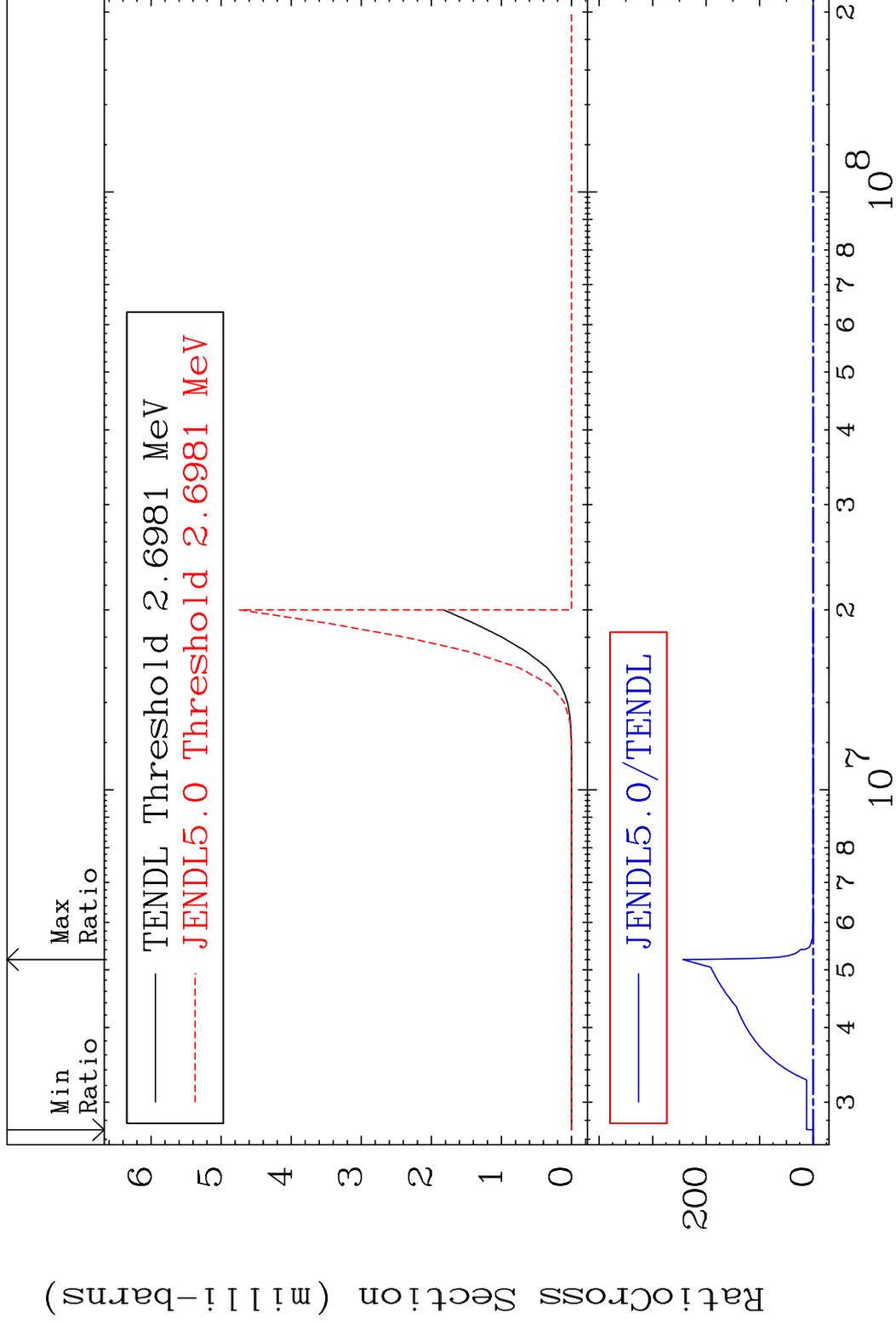


MAT 8325

(n, t)

83-Bi-209

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

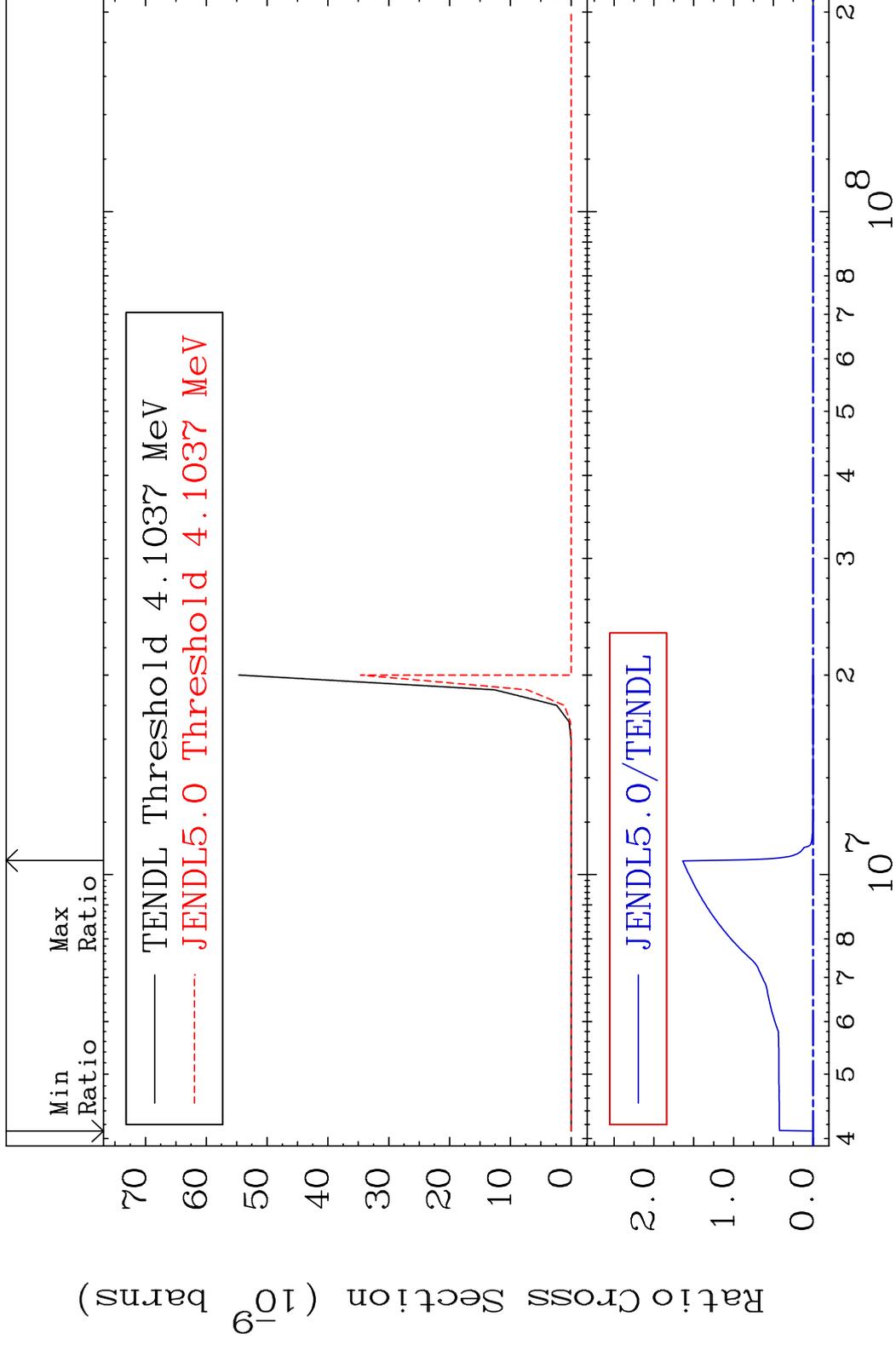
83-Bi-209

MAT 8325

(n, He-3)

83-Bi-209

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

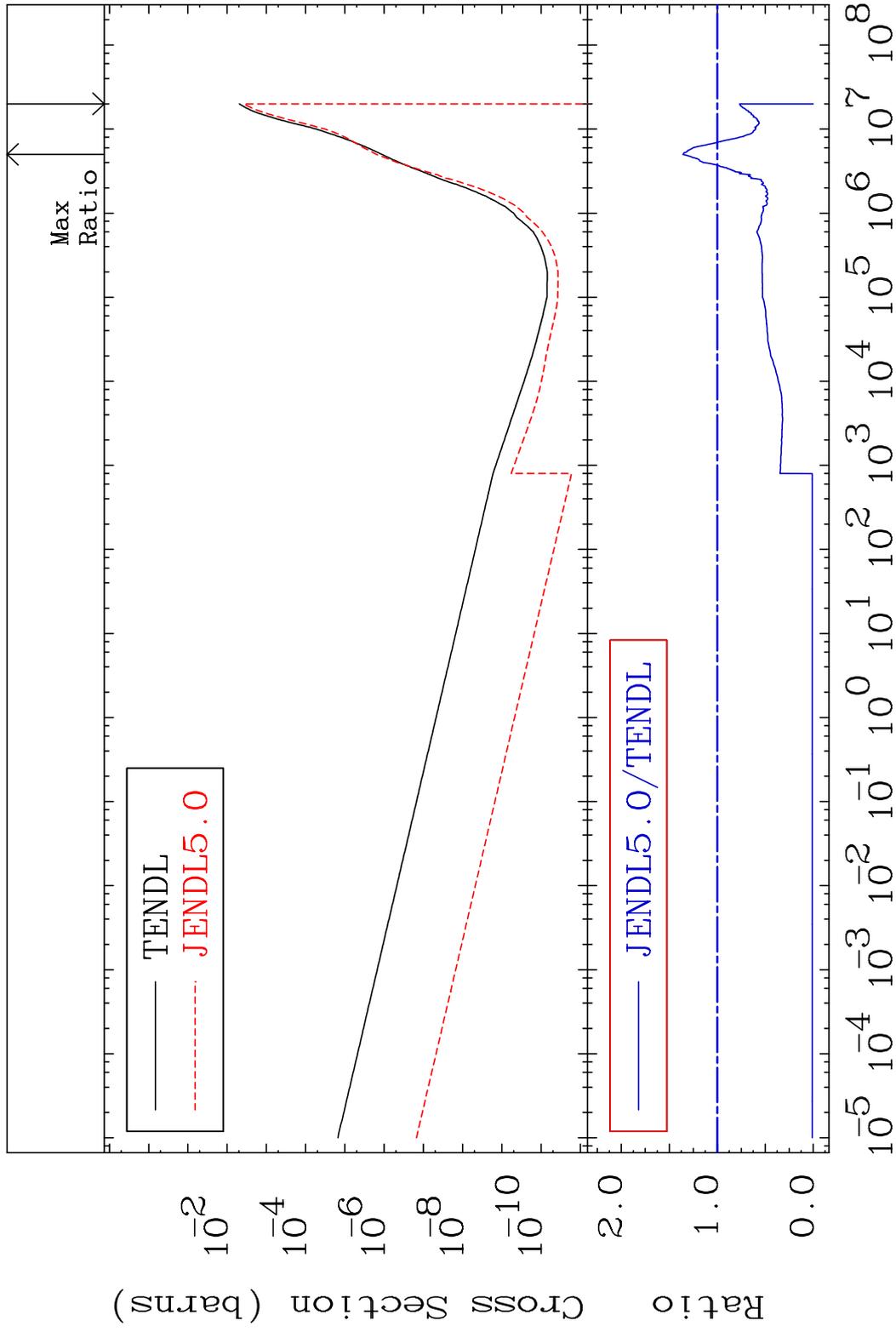
83-Bi-209

MAT 8325

(n, α)

83-Bi-209

Cross Section -100.0 To 35.88 %

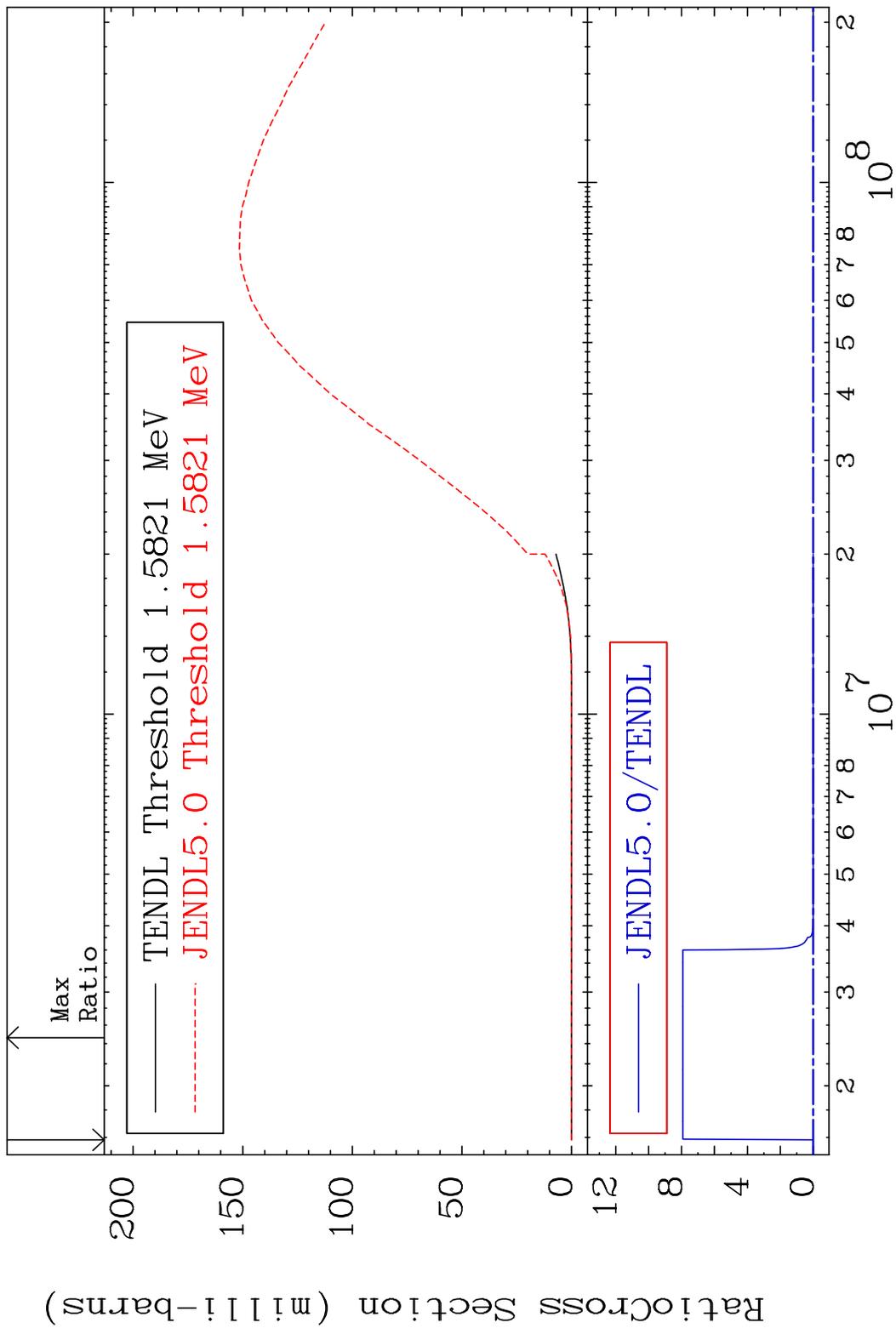


32

Incident Energy (eV)

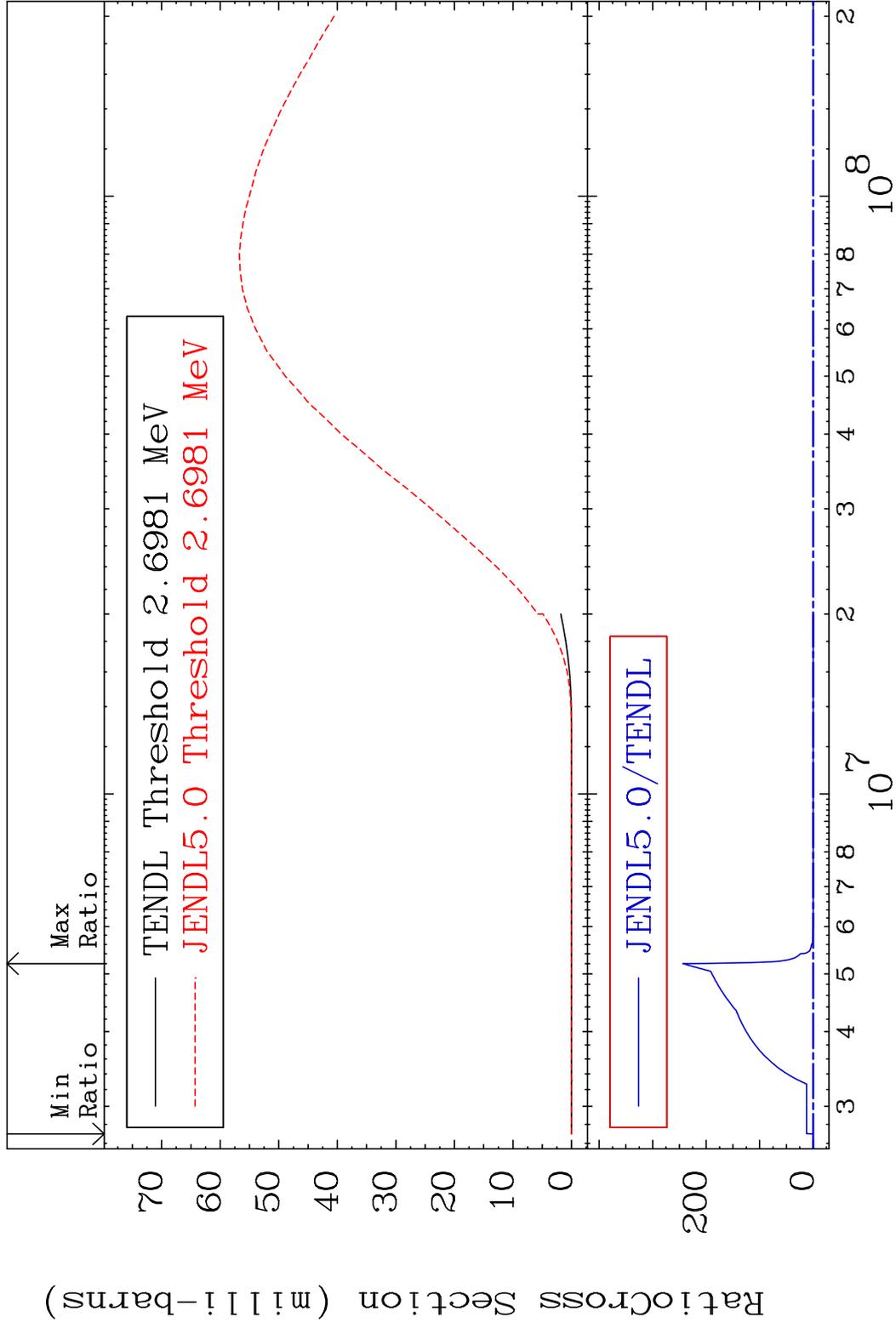
83-Bi-209

MAT 8325 Deuterium Production 83-Bi-209
 Cross Section -100.0 To 9999. %

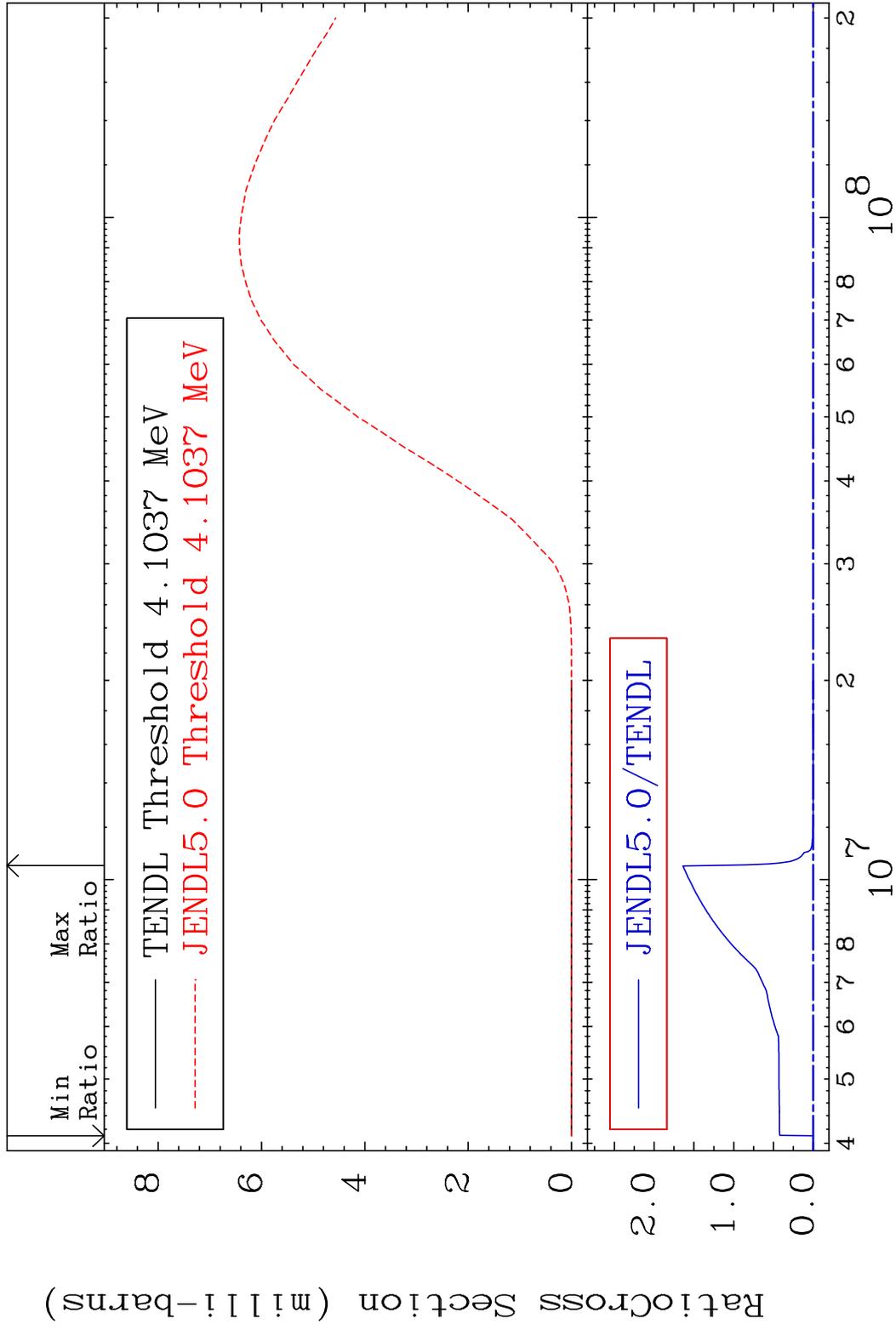


MAT 8325

Tritium Production 83-Bi-209
Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

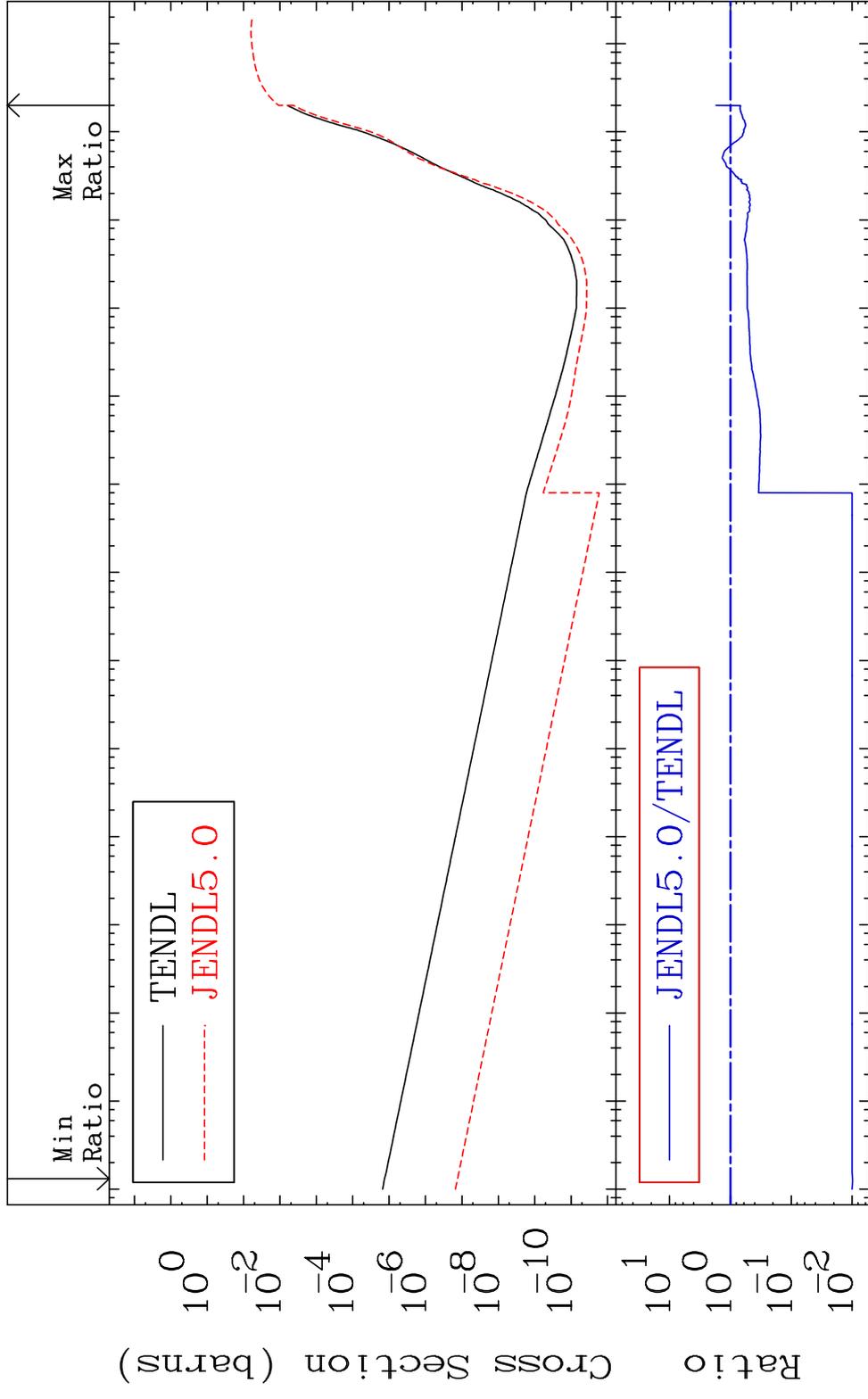


MAT 8325

He-4 Production

83-Bi-209

Cross Section -99.02 To 73.24 %

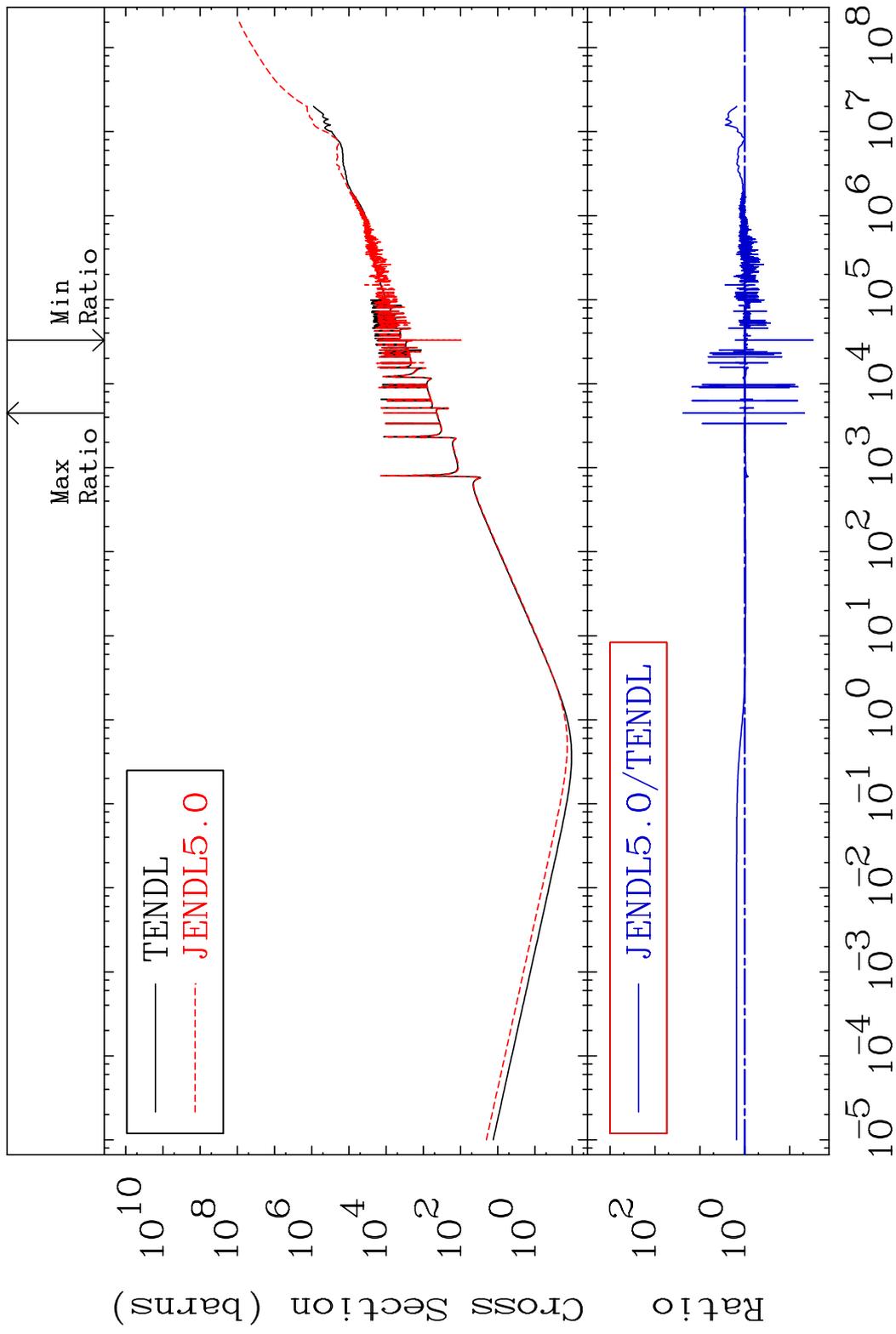


37

Incident Energy (eV)

83-Bi-209

MAT 8325 Kerma total (eV-barns) 83-Bi-209
 Cross Section -97.00 To 2303. %

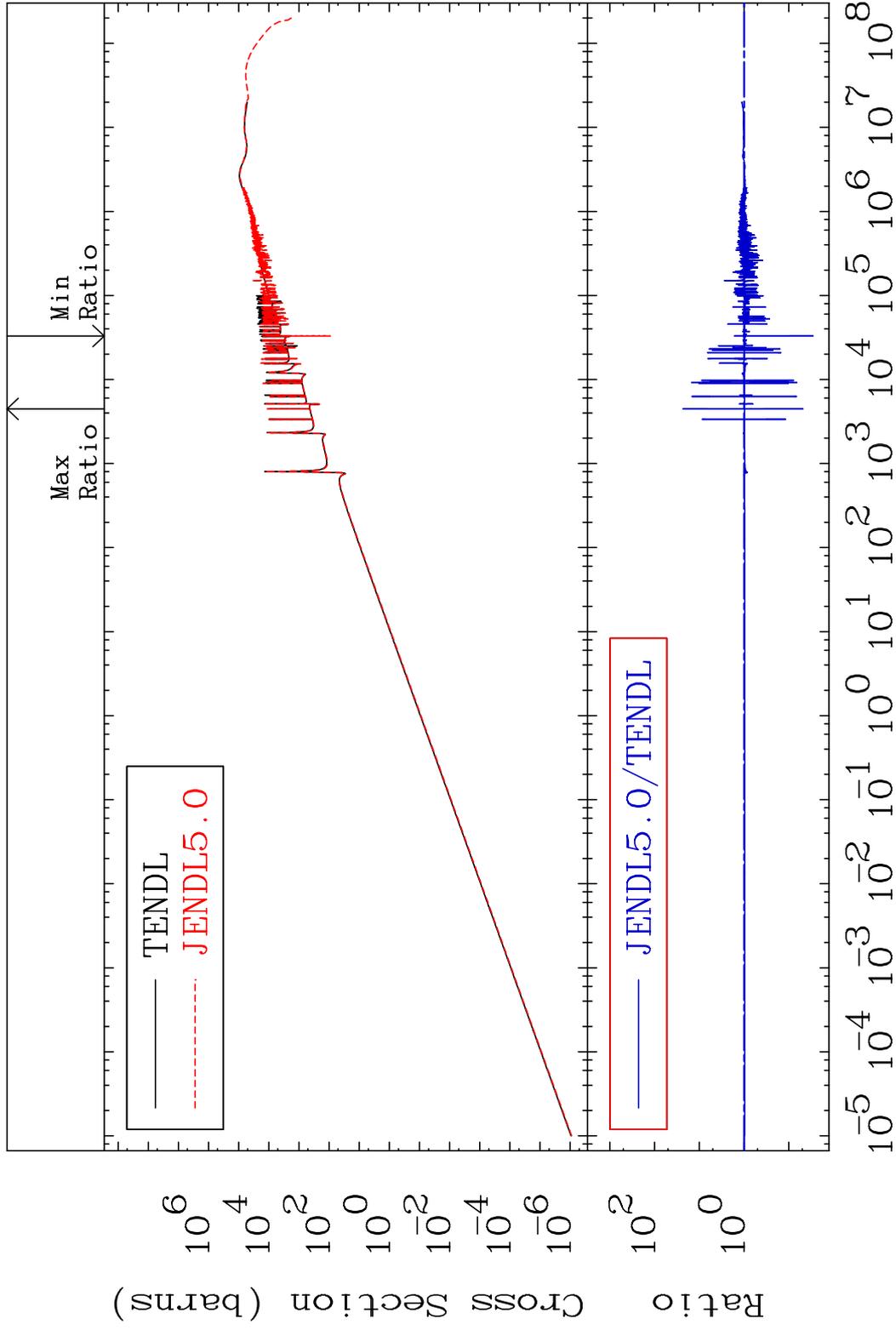


MAT 8325

Kerma elastic

83-Bi-209

Cross Section -97.15 To 2224. %

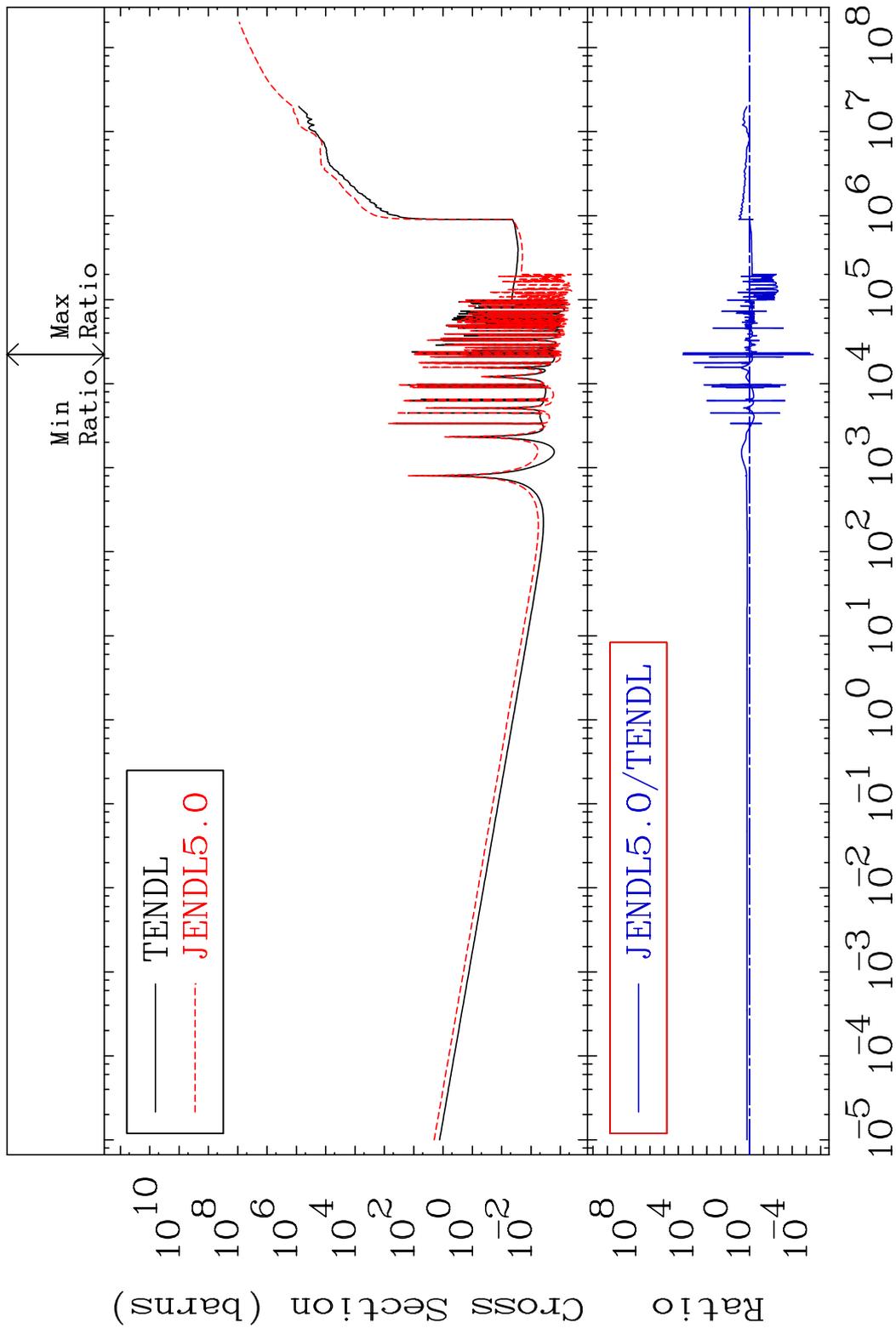


39

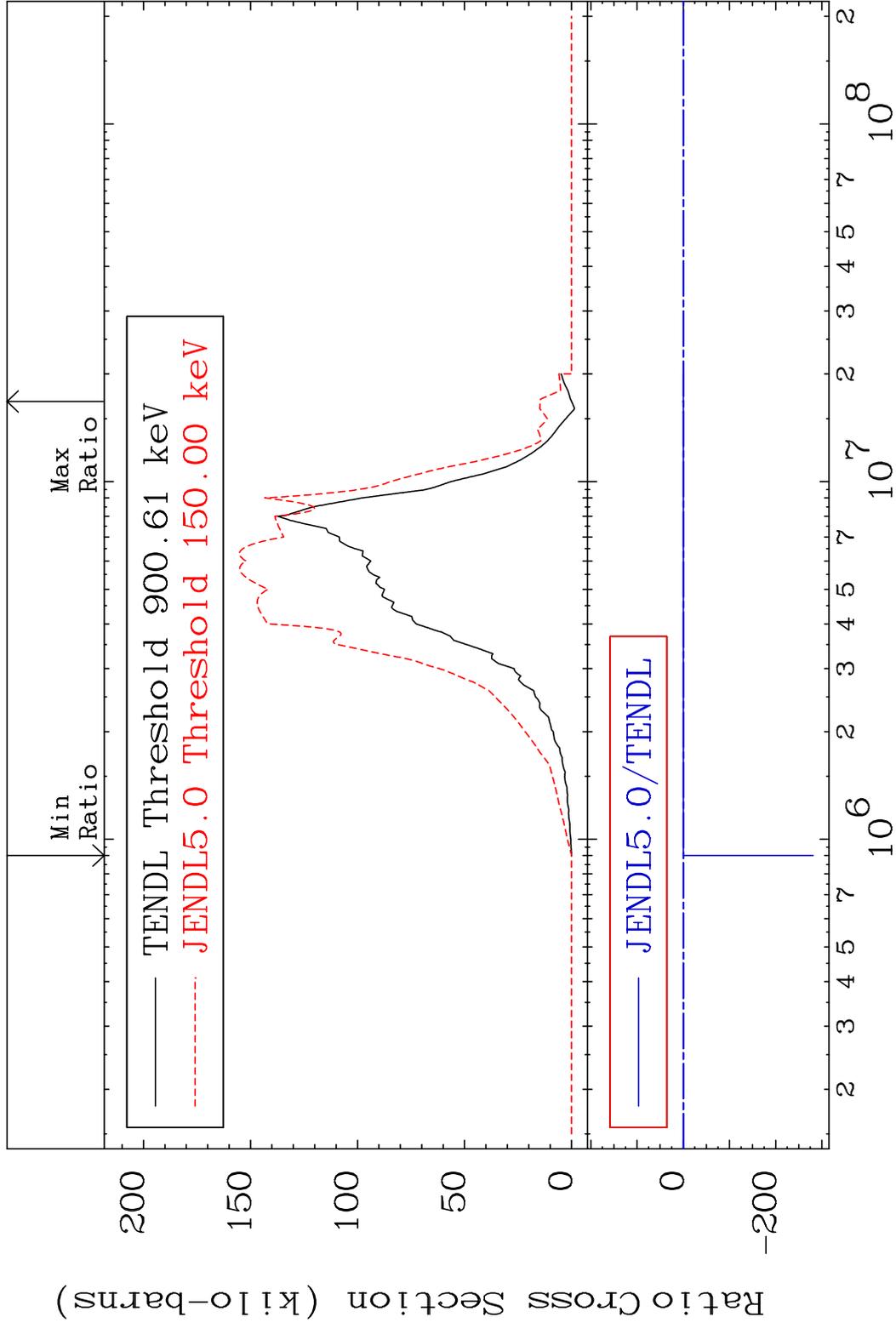
Incident Energy (eV)

83-Bi-209

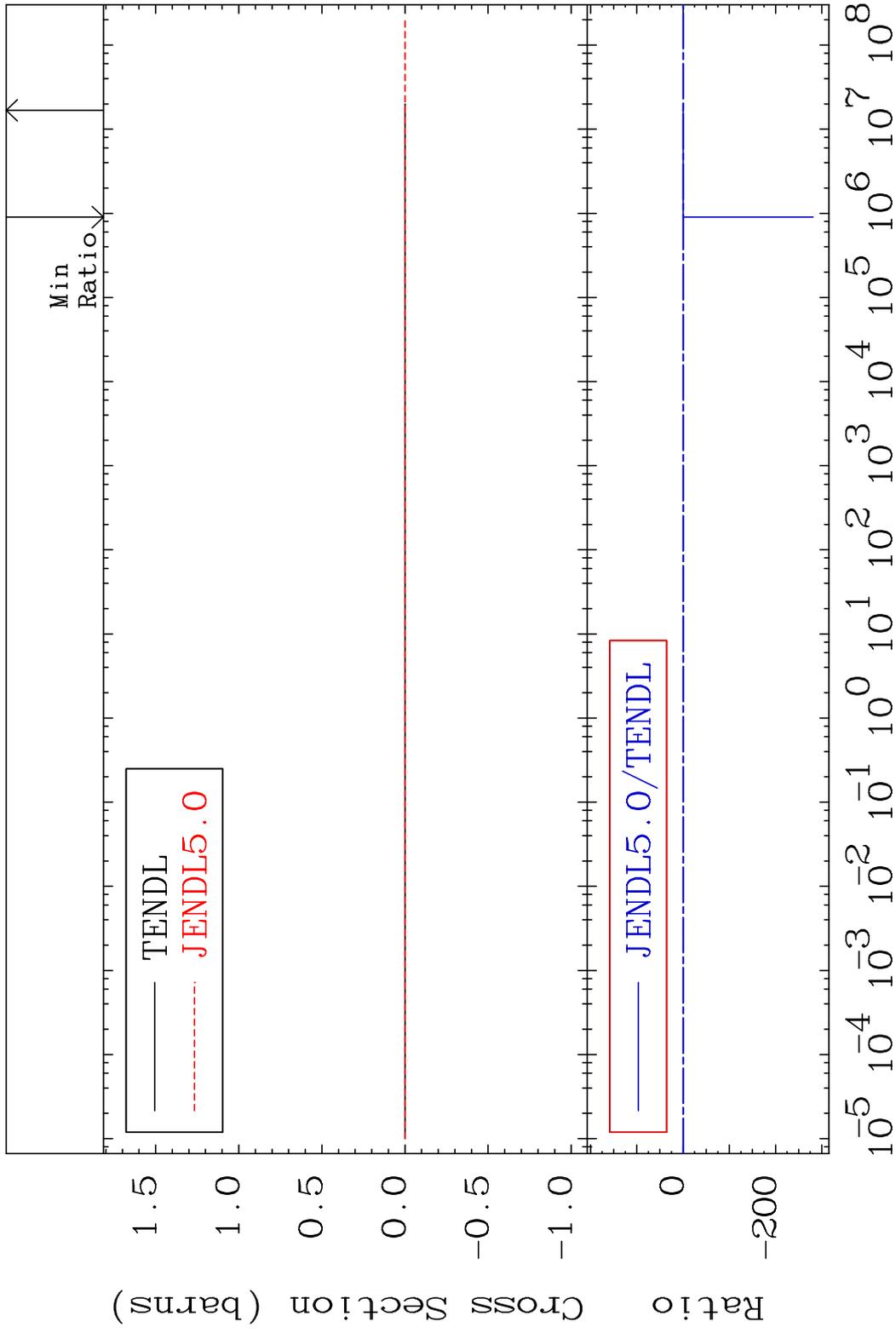
MAT 8325 Kerma non-elastic (all but mt2) 83-Bi-209
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 83-Bi-209

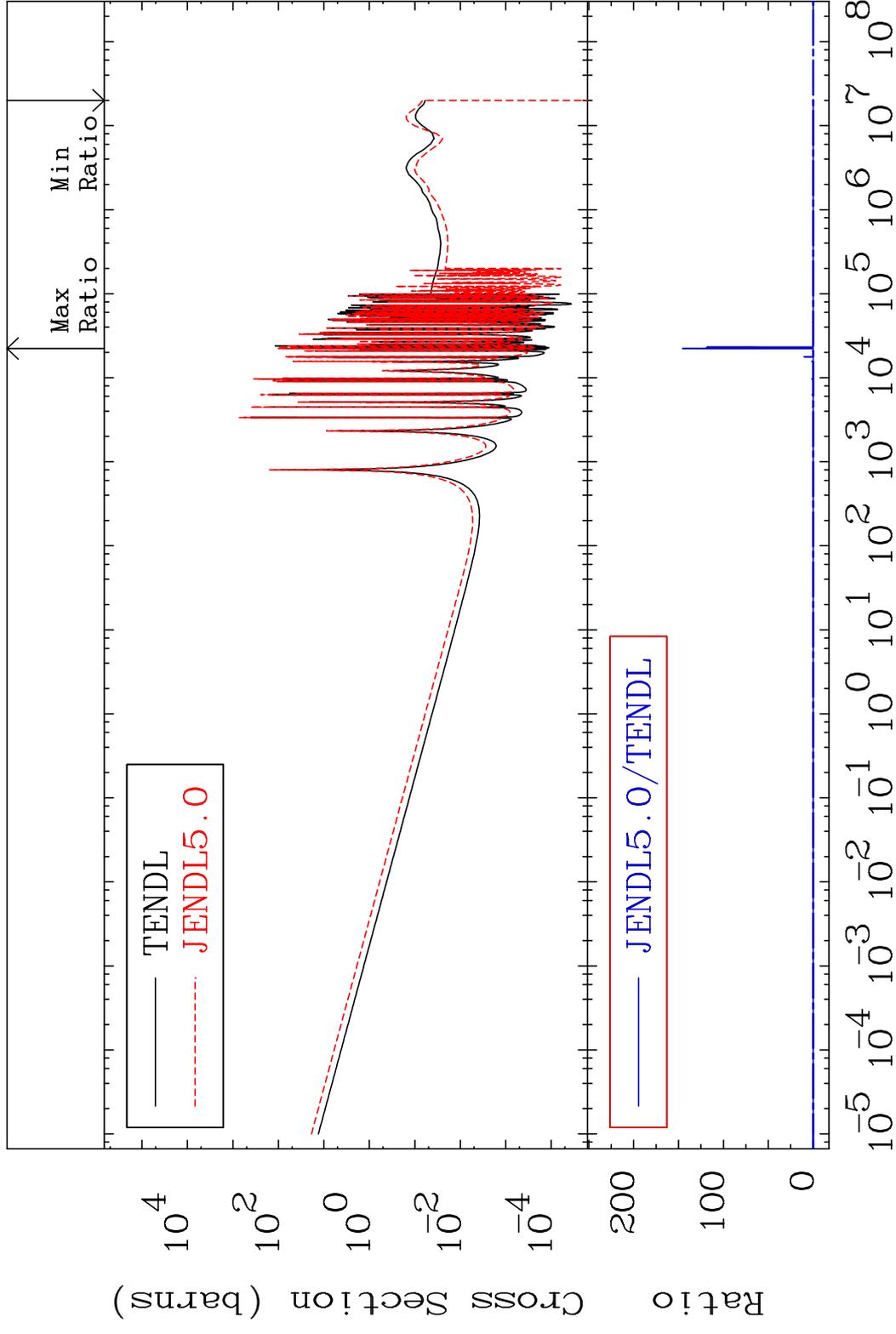


MAT 8325 Kerma fission (mt18 or mt19-20-21-38)83-Bi-209
 Cross Section -9999. To 9999. %



MAT 8325

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

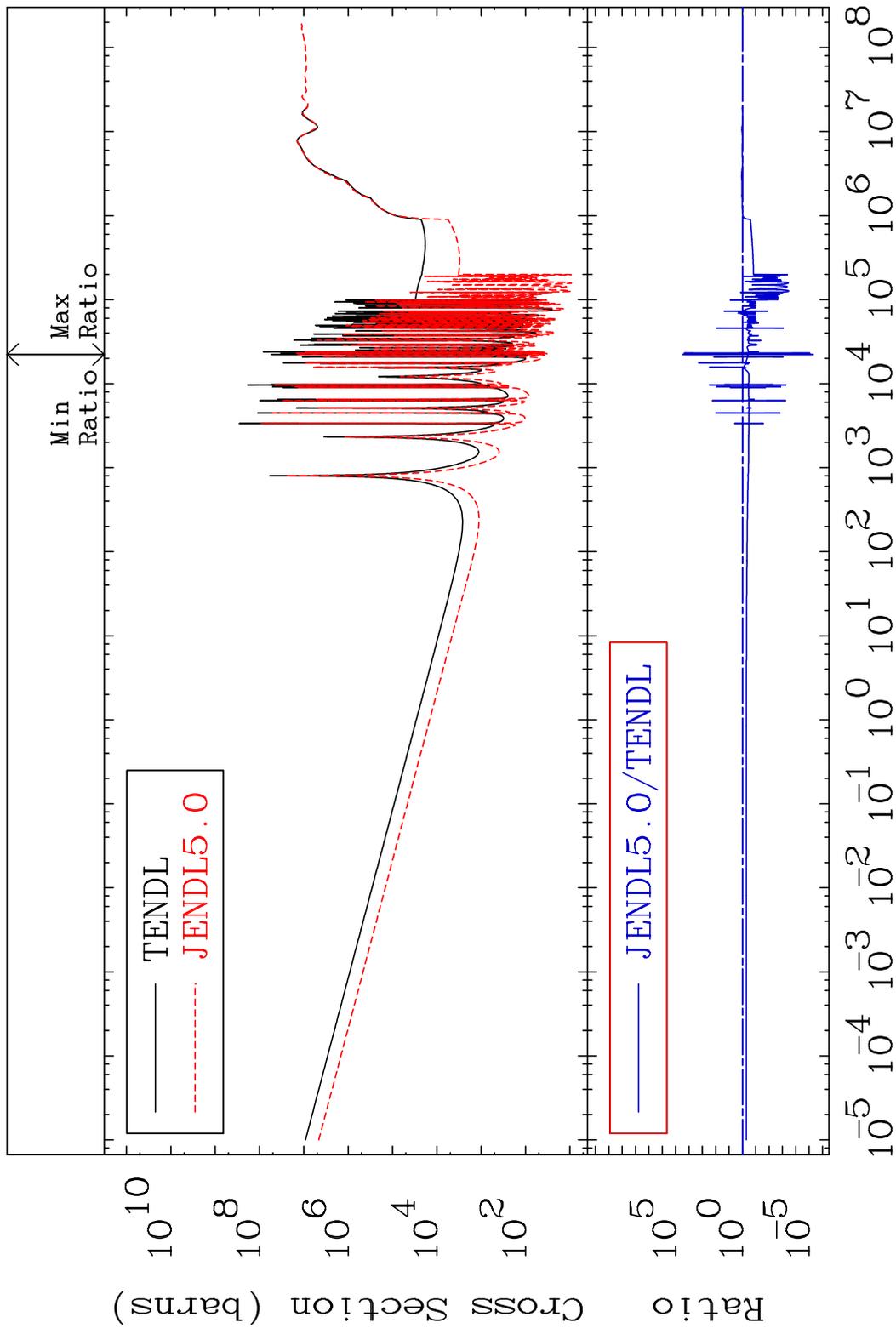


43

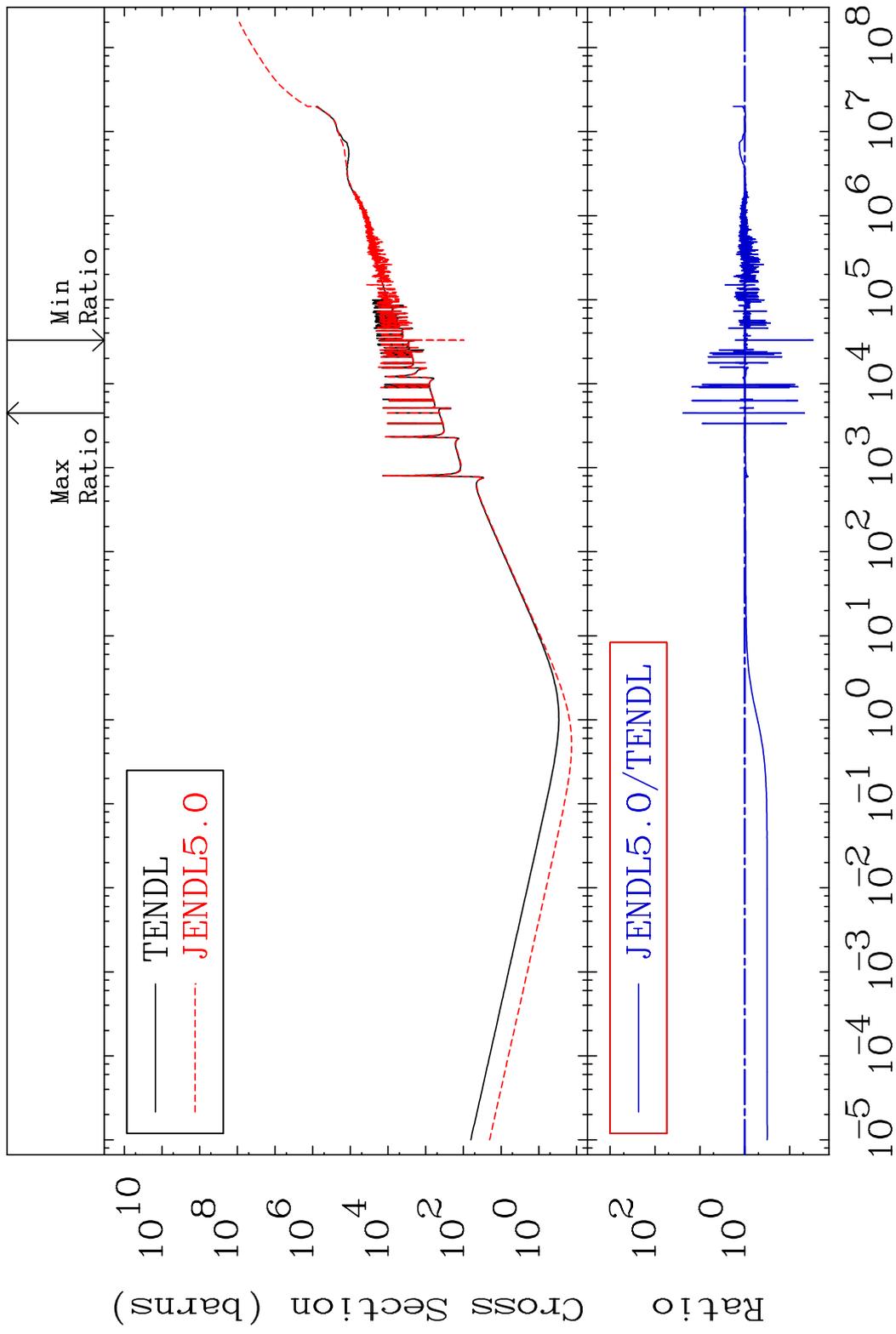
Incident Energy (eV)

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 -97.00 To 2303. %

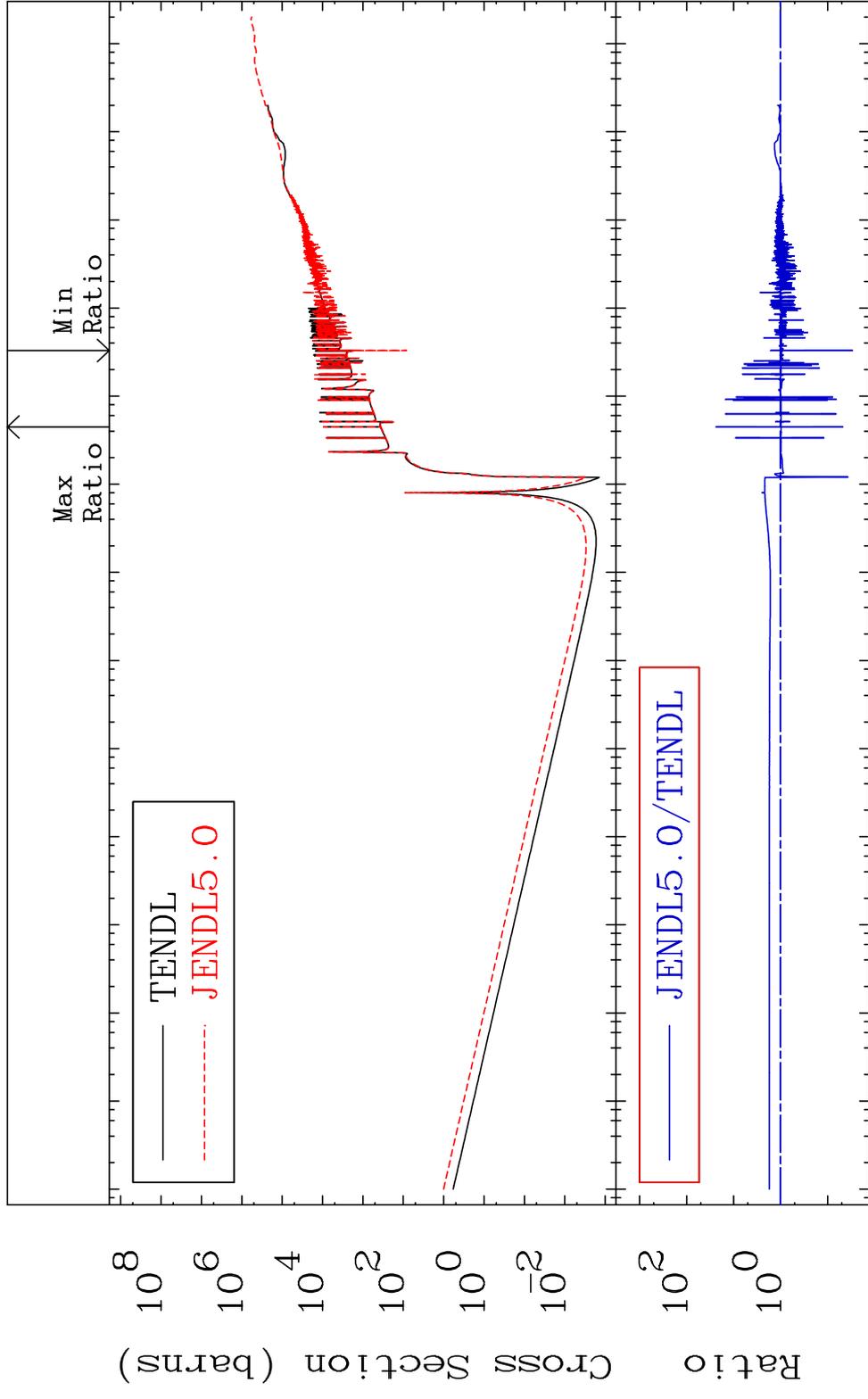


MAT 8325

Dpa total (eV-barns)

83-Bi-209

Cross Section -97.05 To 2283. %

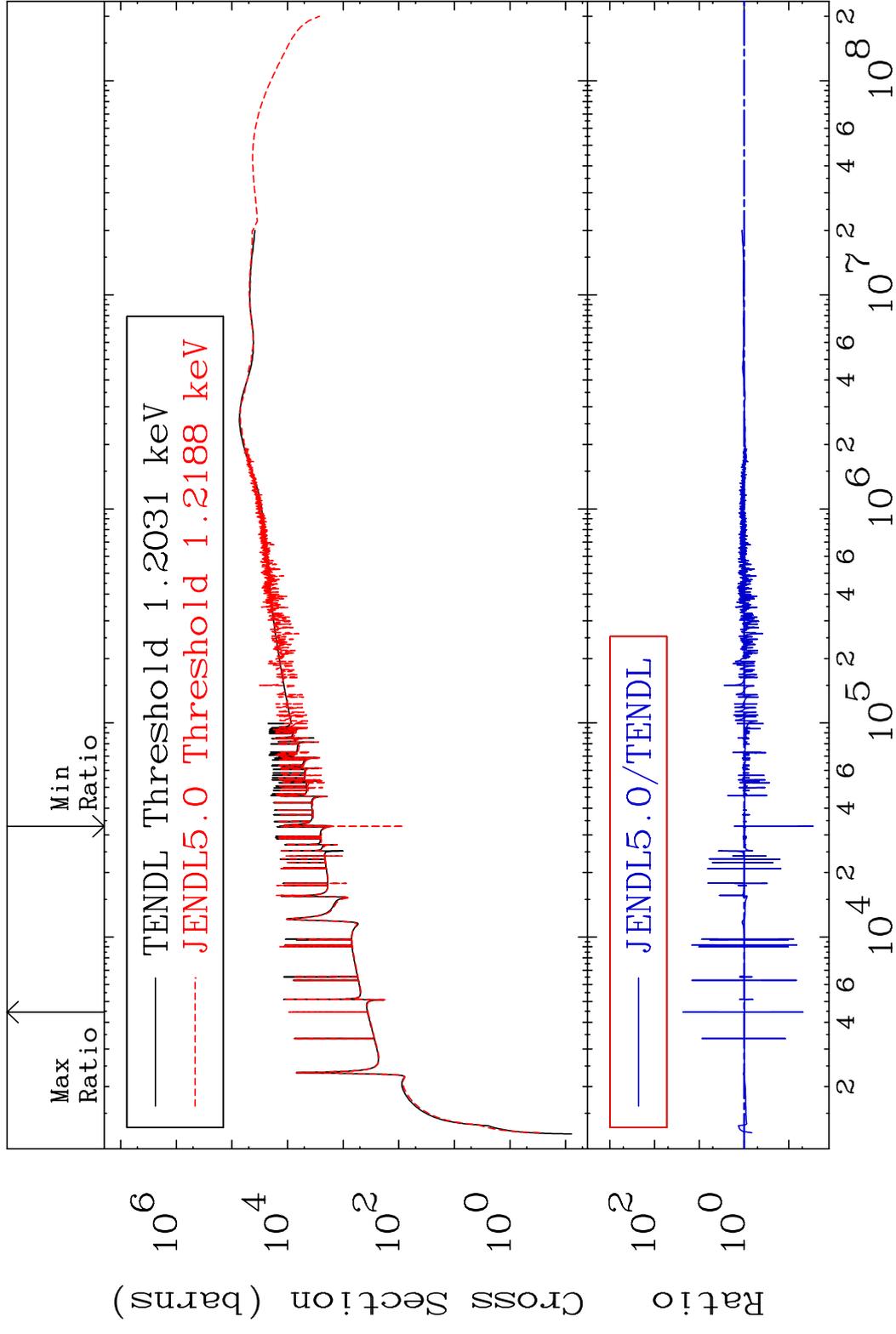


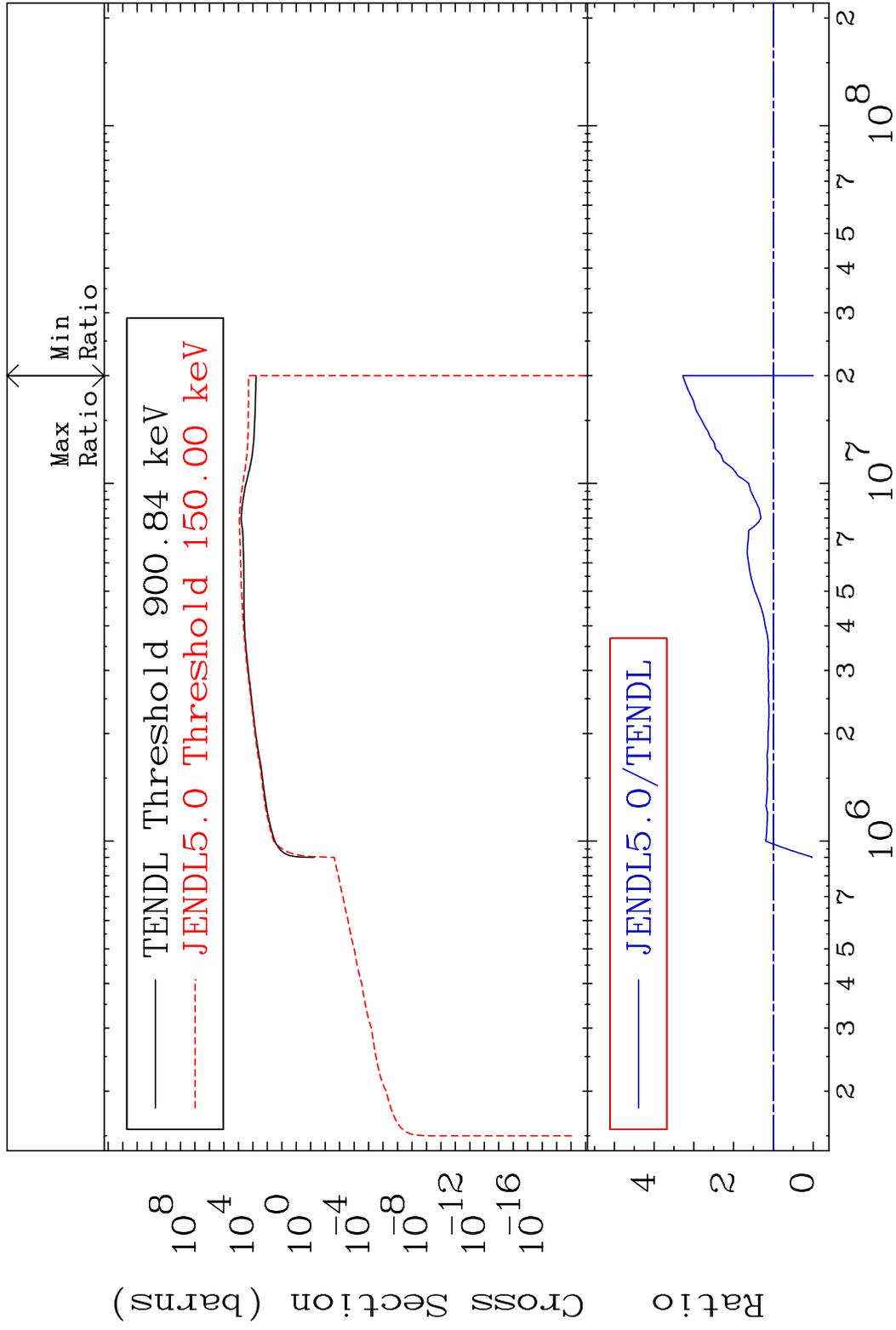
MAT 8325

Dpa elastic (mt2)

83-Bi-209

Cross Section -97.15 To 2225. %





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

