

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

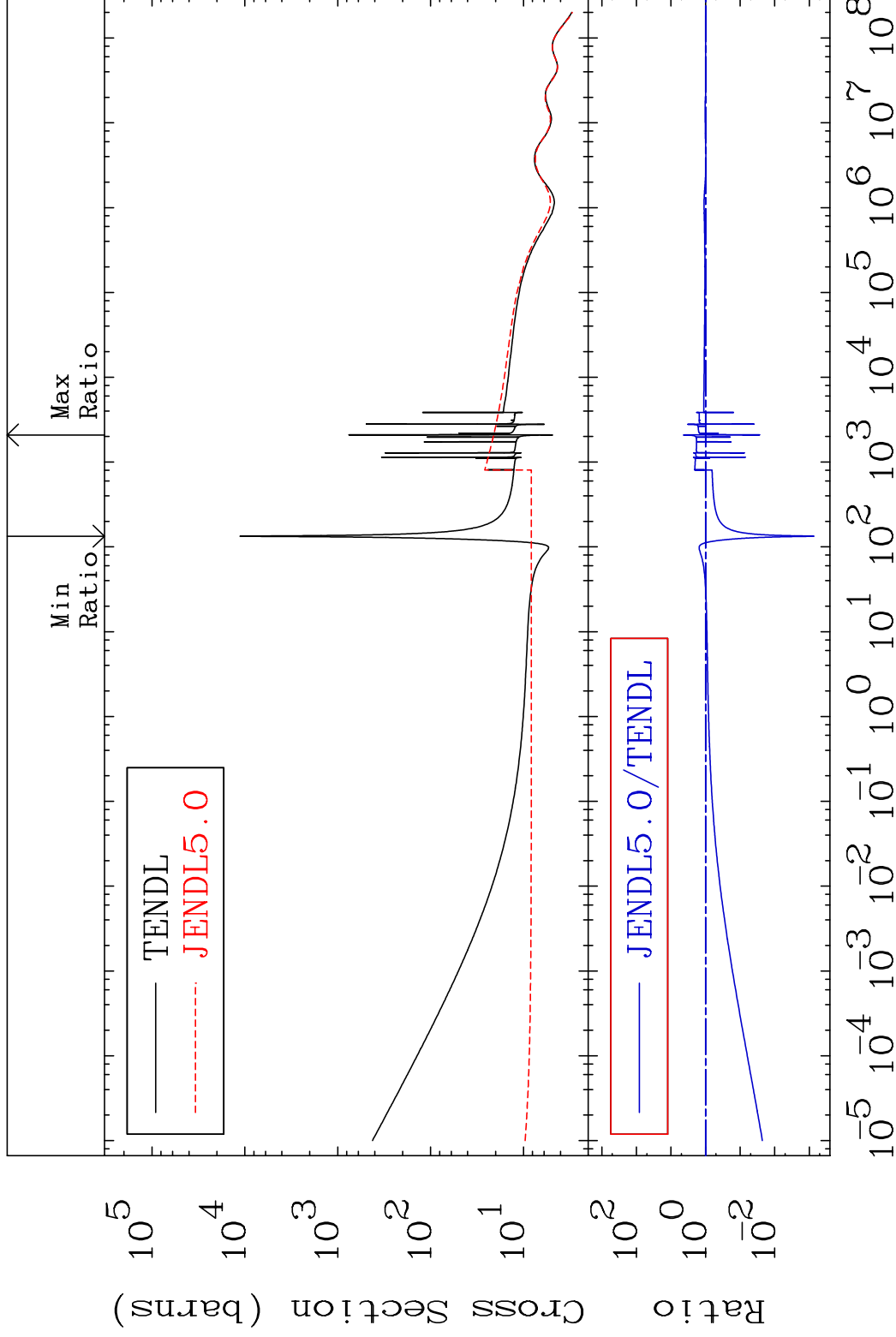
MAT 8434

Total

84-Po-209

Cross Section

-99.93 To 329.7 %



1

Incident Energy (eV)

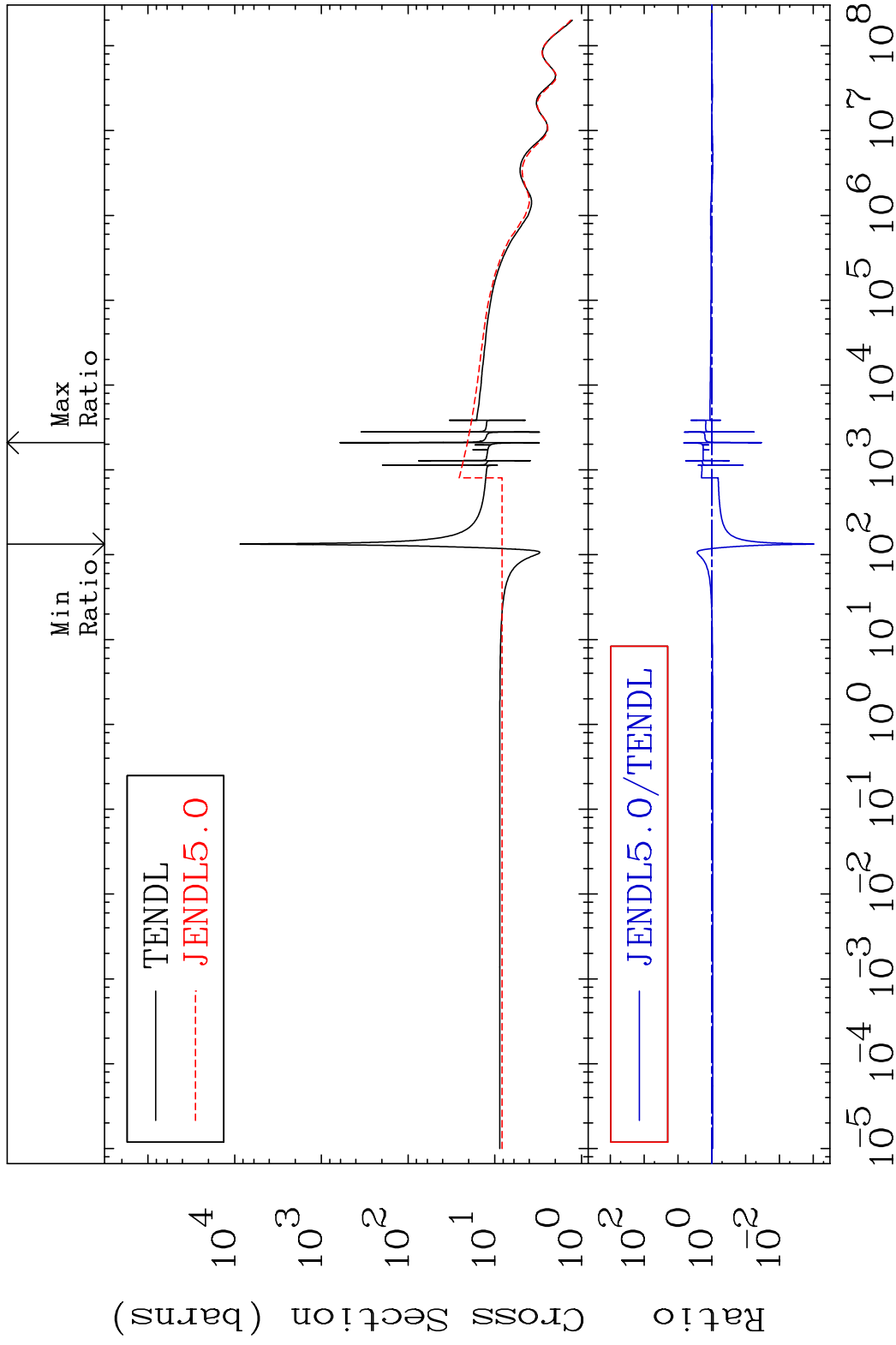
84-Po-209

MAT 8434

Elastic

84-Po-209

Cross Section -99.91 To 581.0 %

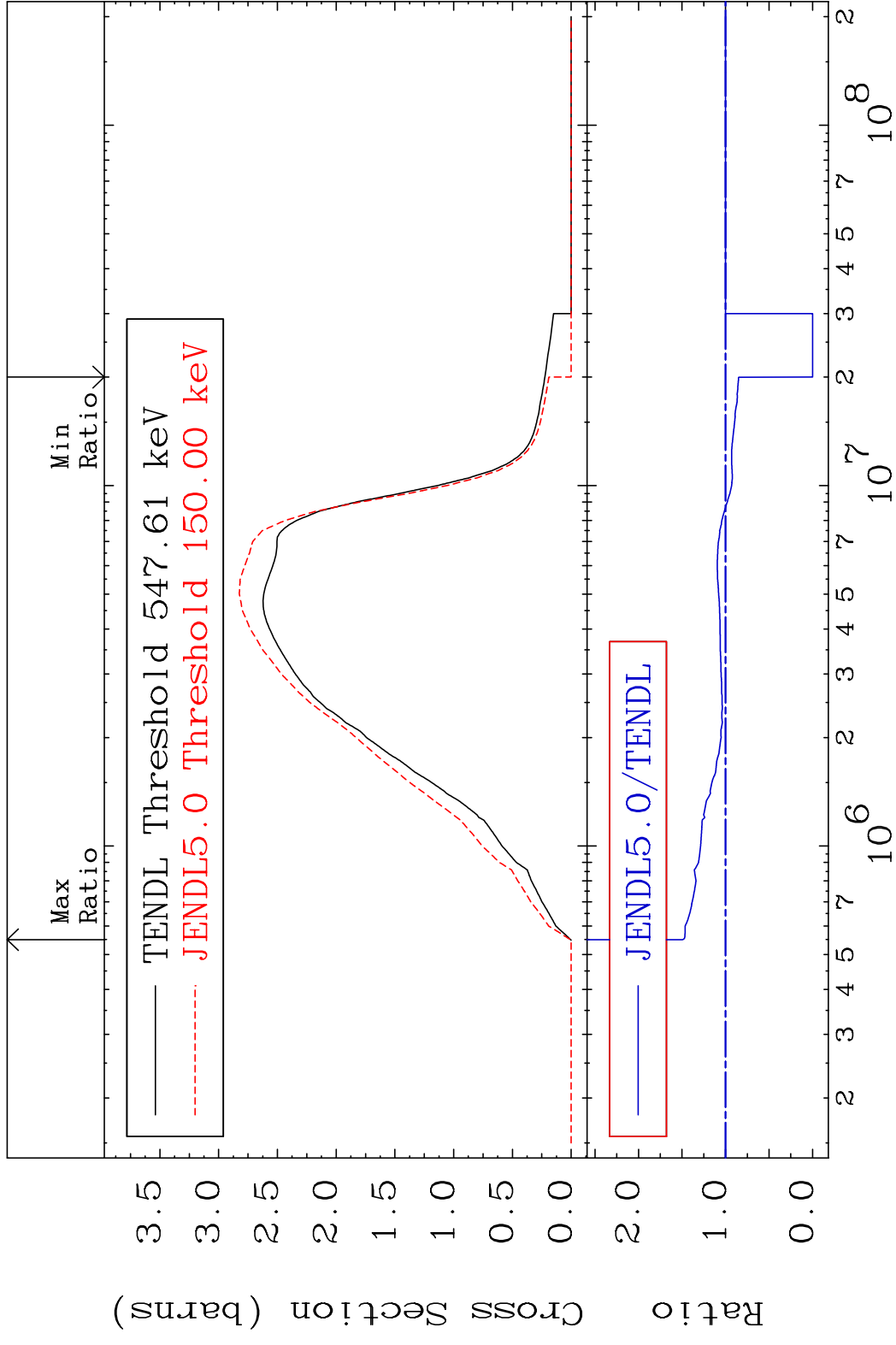


2

Incident Energy (eV)

84-Po-209

MAT 8434 Inelastic Cross Section -100.0 To 49.60 % 84-Po-209

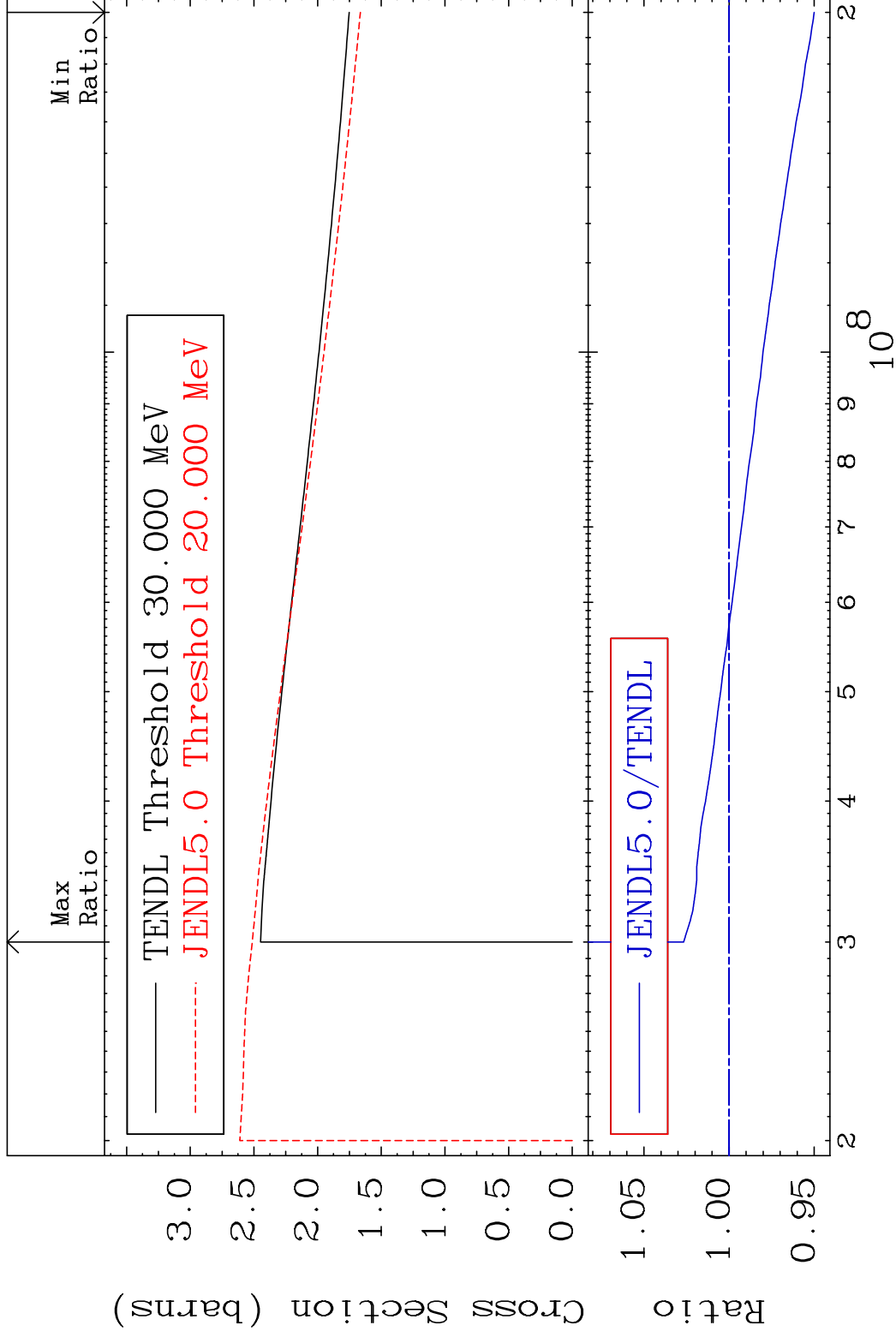


MAT 8434

(n, remainder)

84-Po-209

Cross Section -4.996 To 2.667 %



4

Incident Energy (eV)

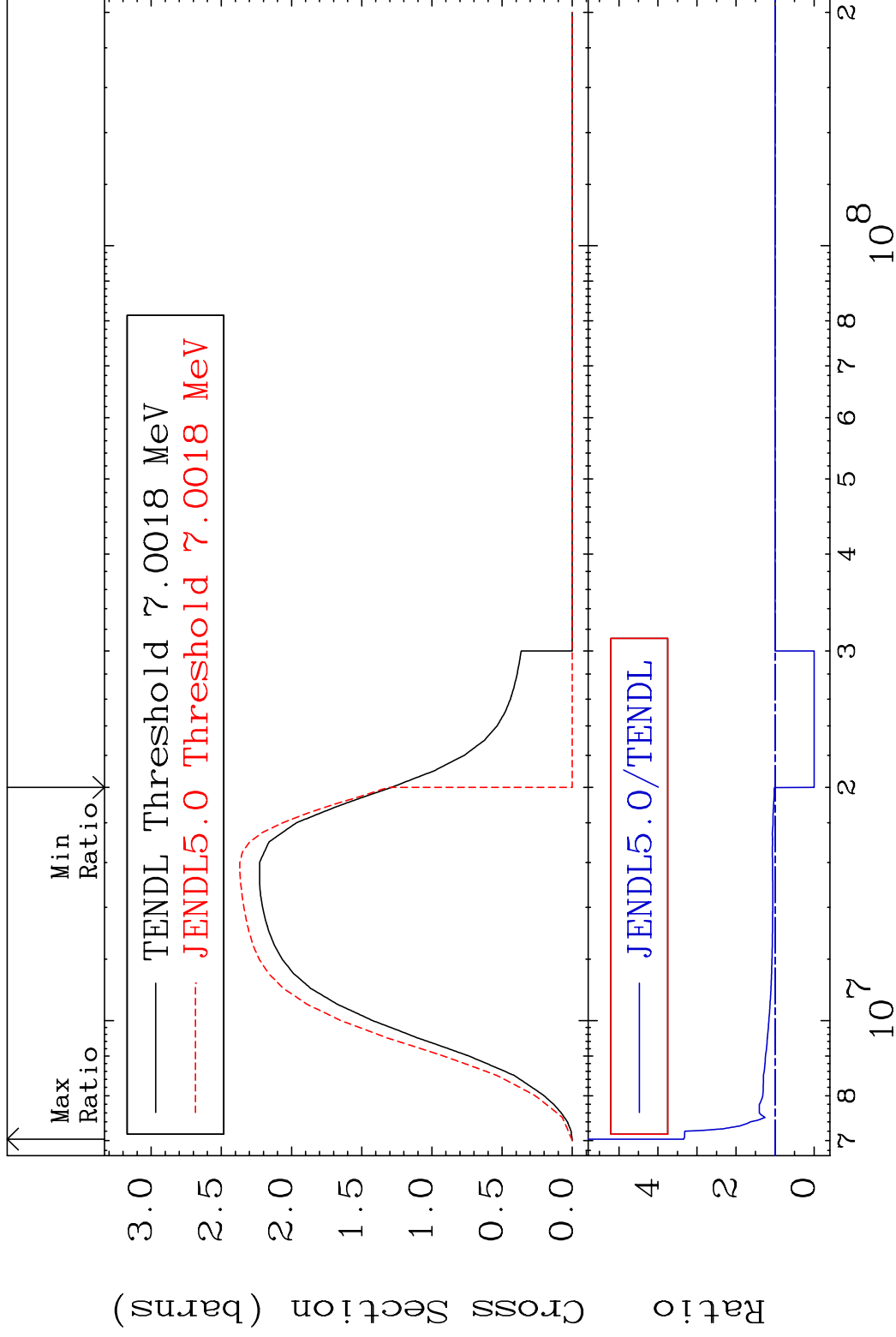
84-Po-209

MAT 8434

(n,2n)

84-Po-209

Cross Section -100.0 To 234.2 %



5

Incident Energy (eV)

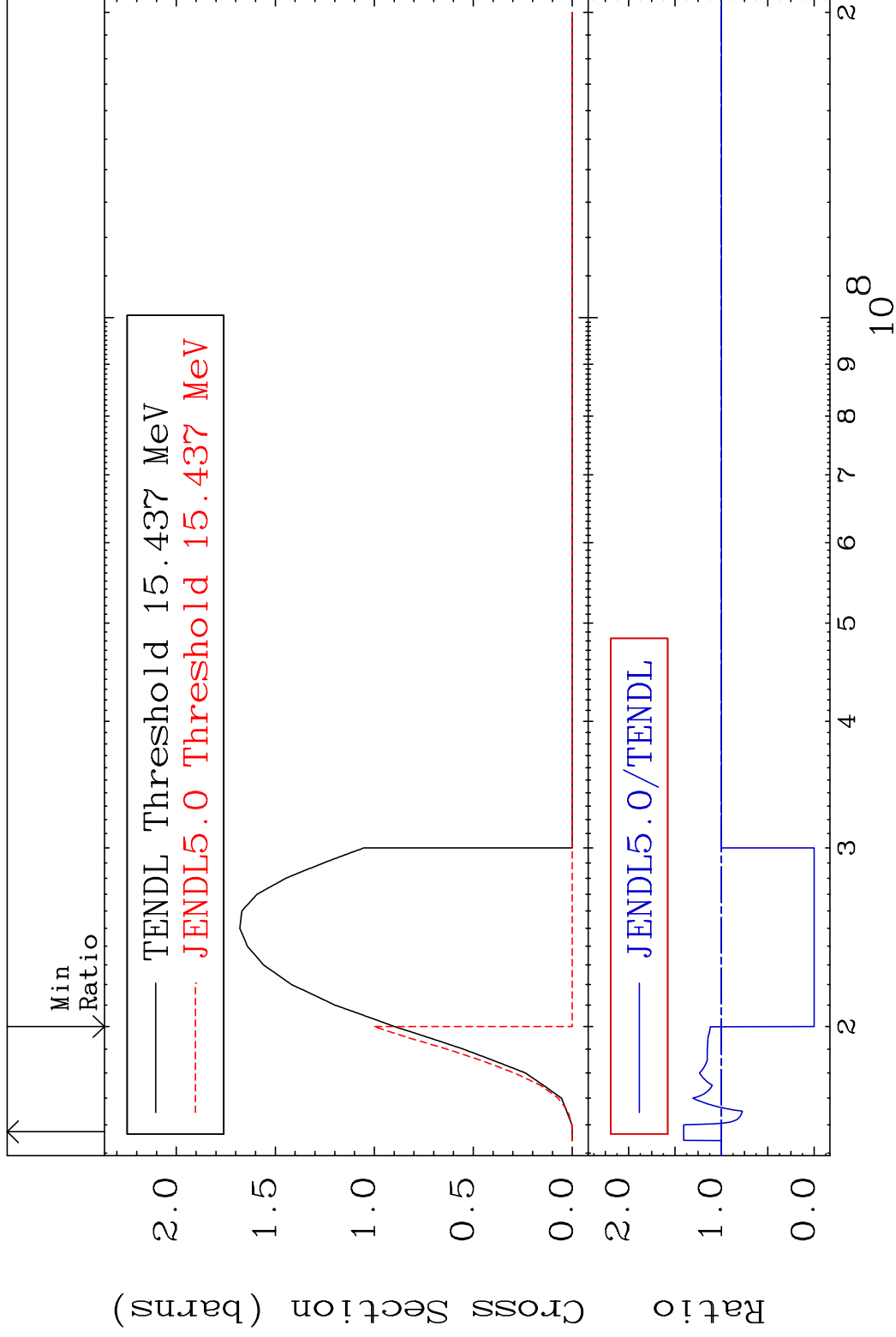
84-Po-209

MAT 8434

(n,3n)

84-Po-209

Cross Section -100.0 To 40.62 %



6

Incident Energy (eV)

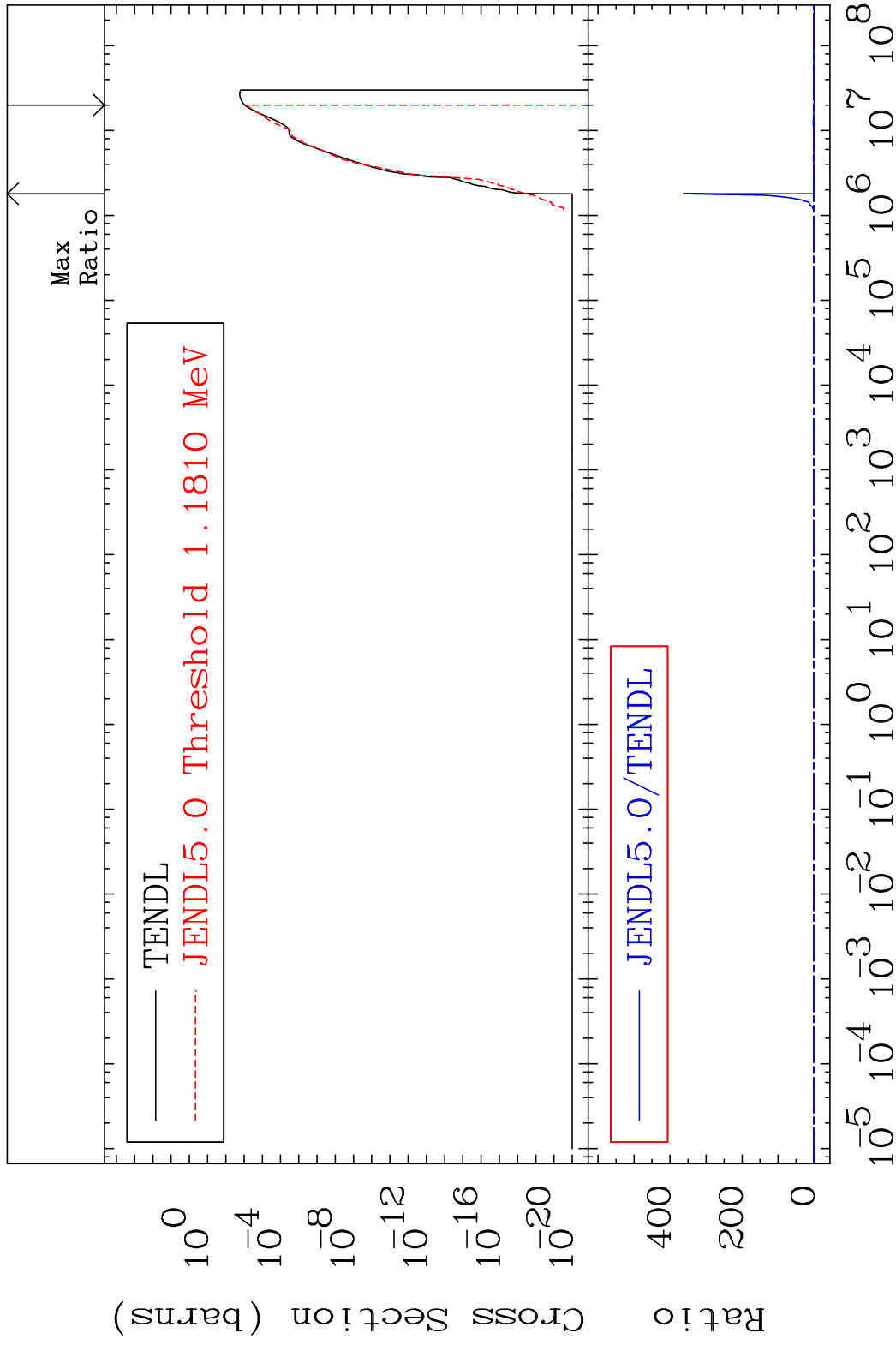
84-Po-209

MAT 8434

(n, n') α

84-Po-209

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

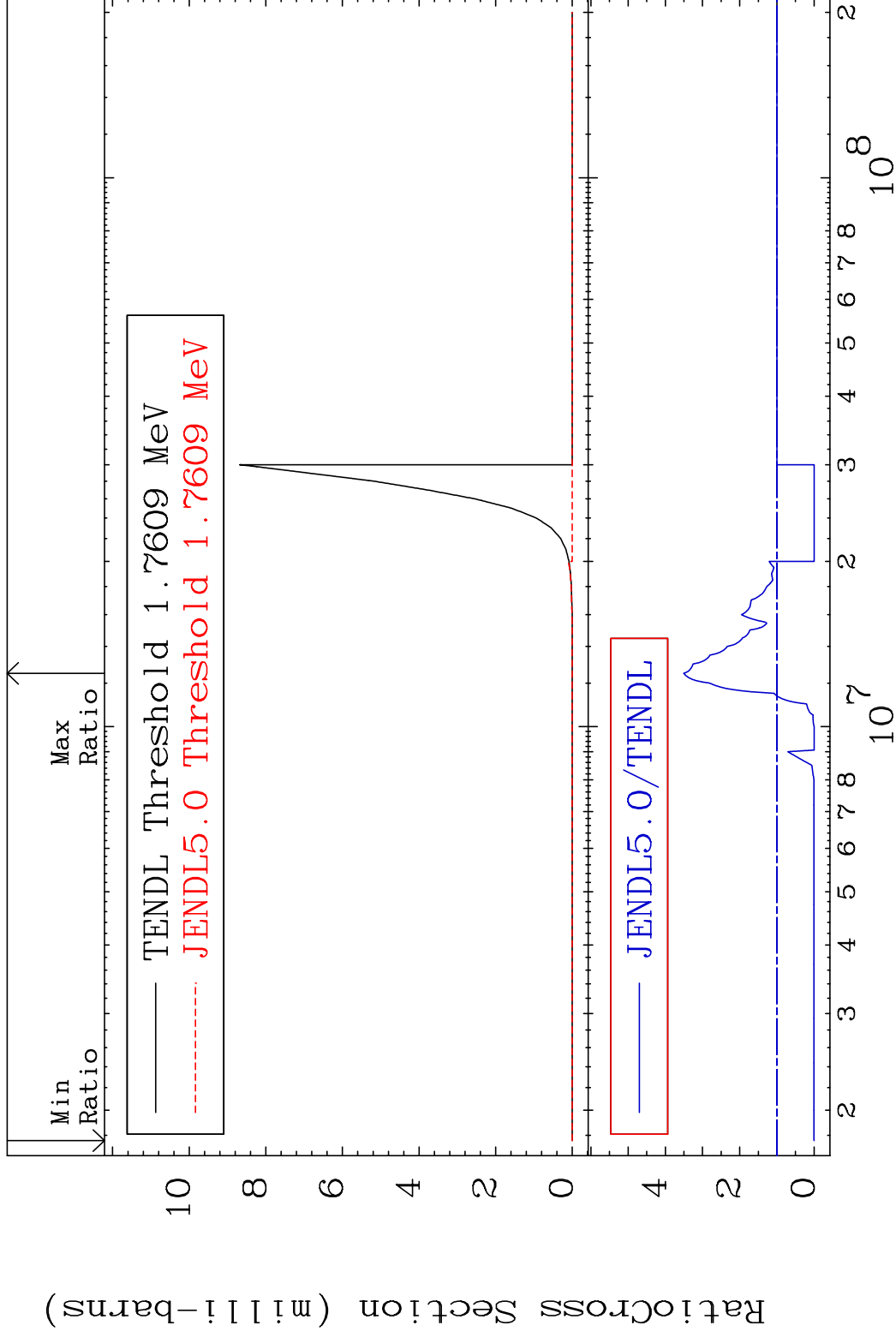
84-Po-209

MAT 8434

(n,2n) α

84-Po-209

Cross Section -100.0 To 250.7 %



8

Incident Energy (eV)

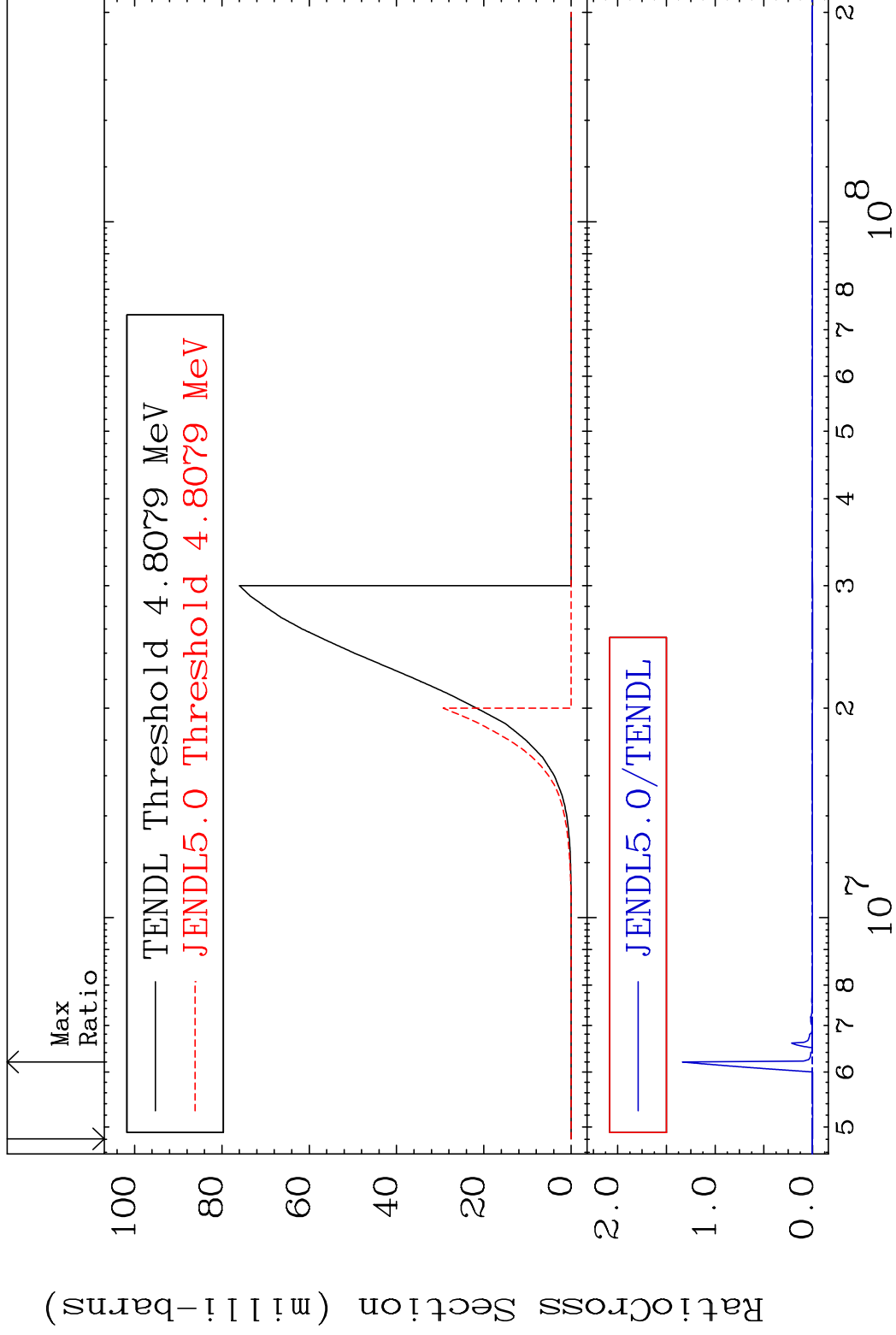
84-Po-209

MAT 8434

(n, n') p

84-Po-209

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

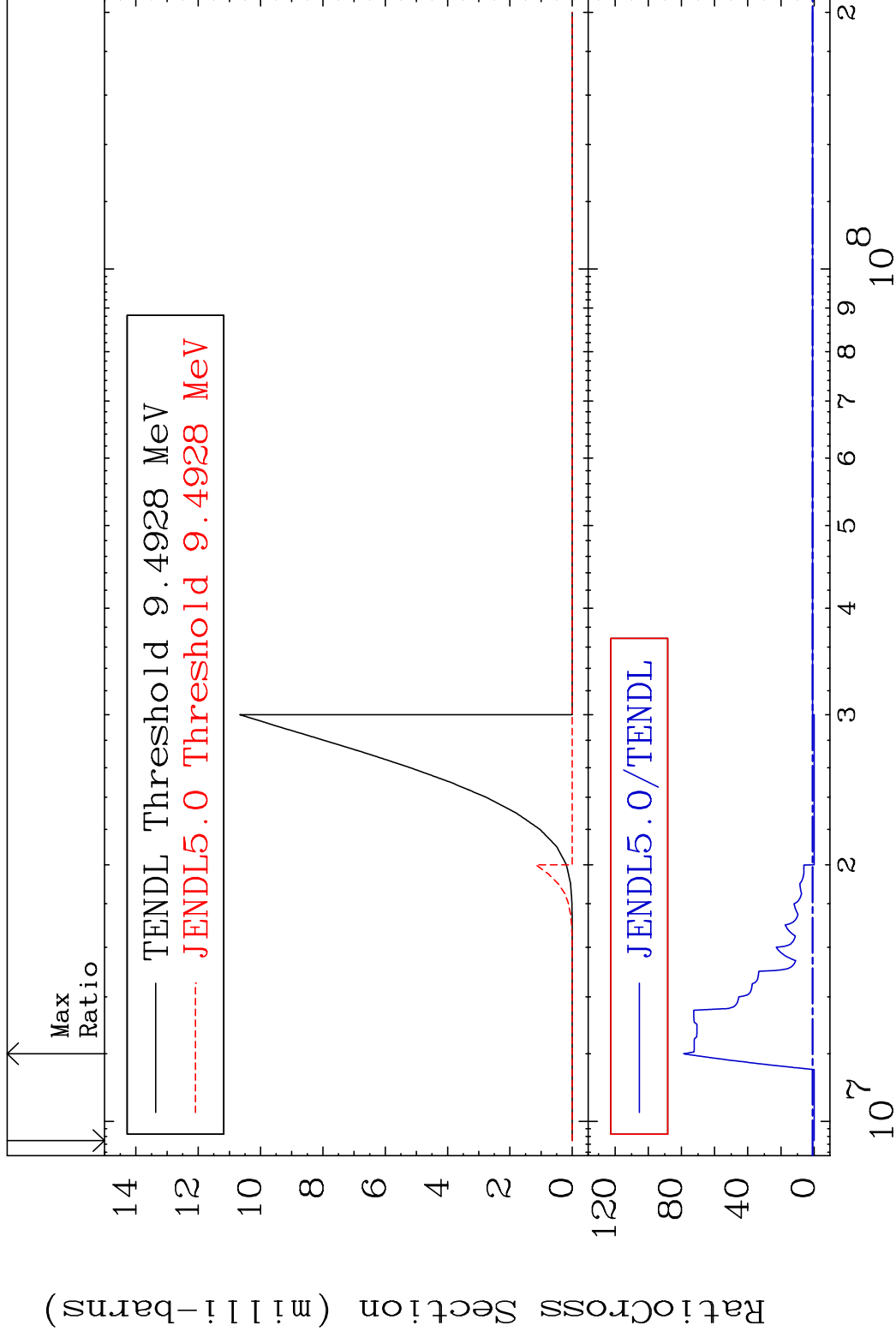
84-Po-209

MAT 8434

(n, n') d

84-Po-209

Cross Section -100.0 To 7764. %



84-Po-209

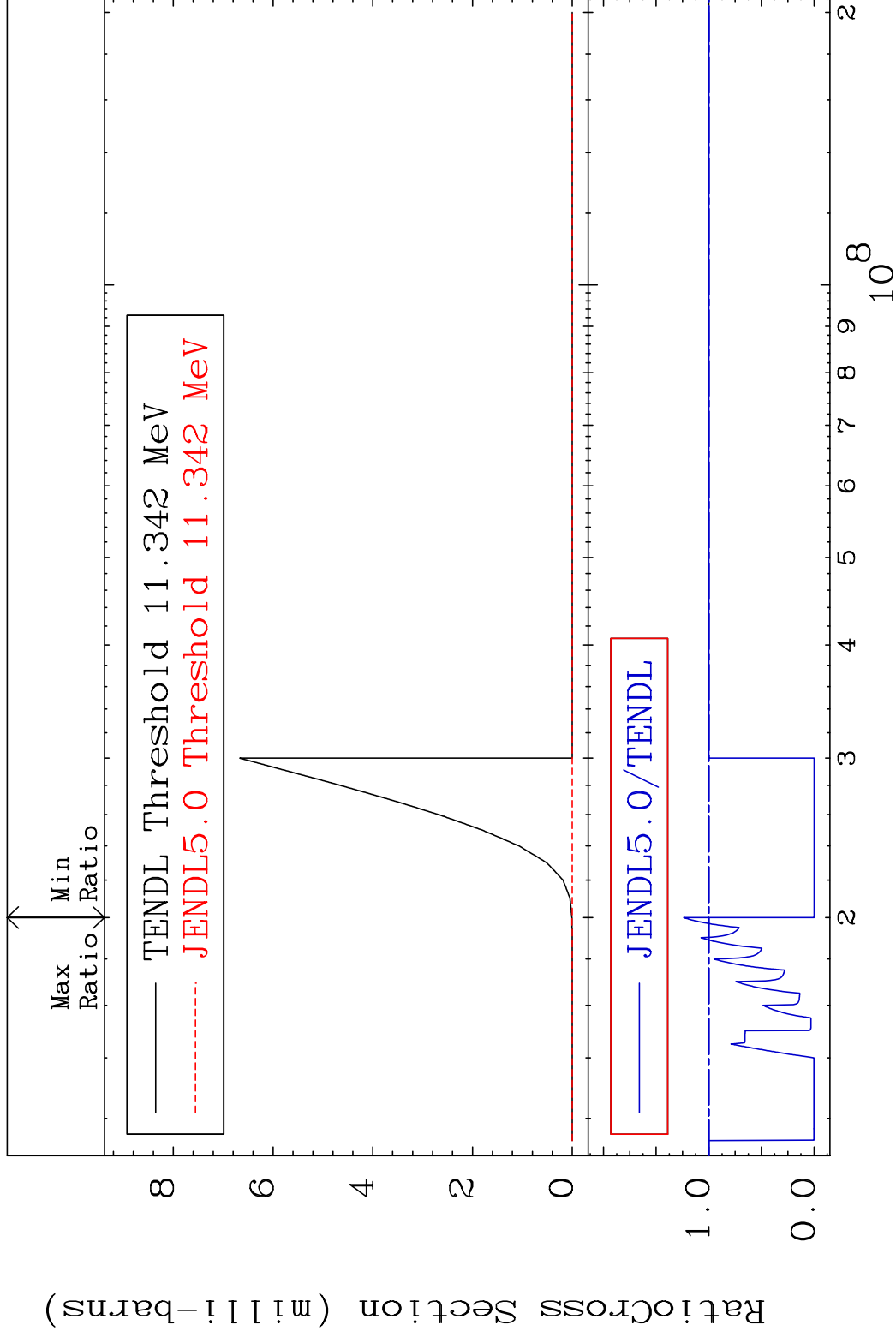
Incident Energy (eV)

MAT 8434

(n, n') t

84-Po-209

Cross Section -100.0 To 23.89 %

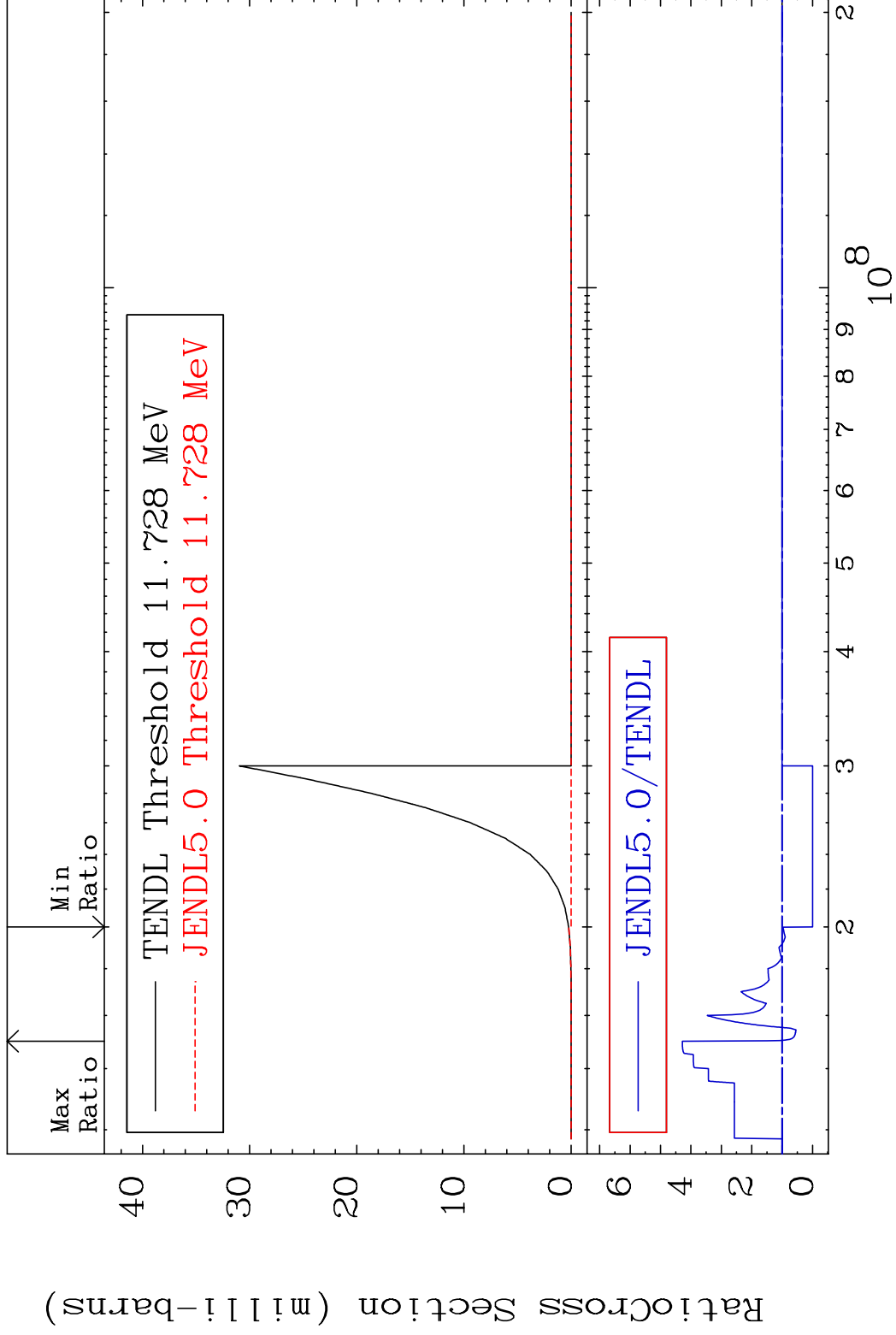


MAT 8434

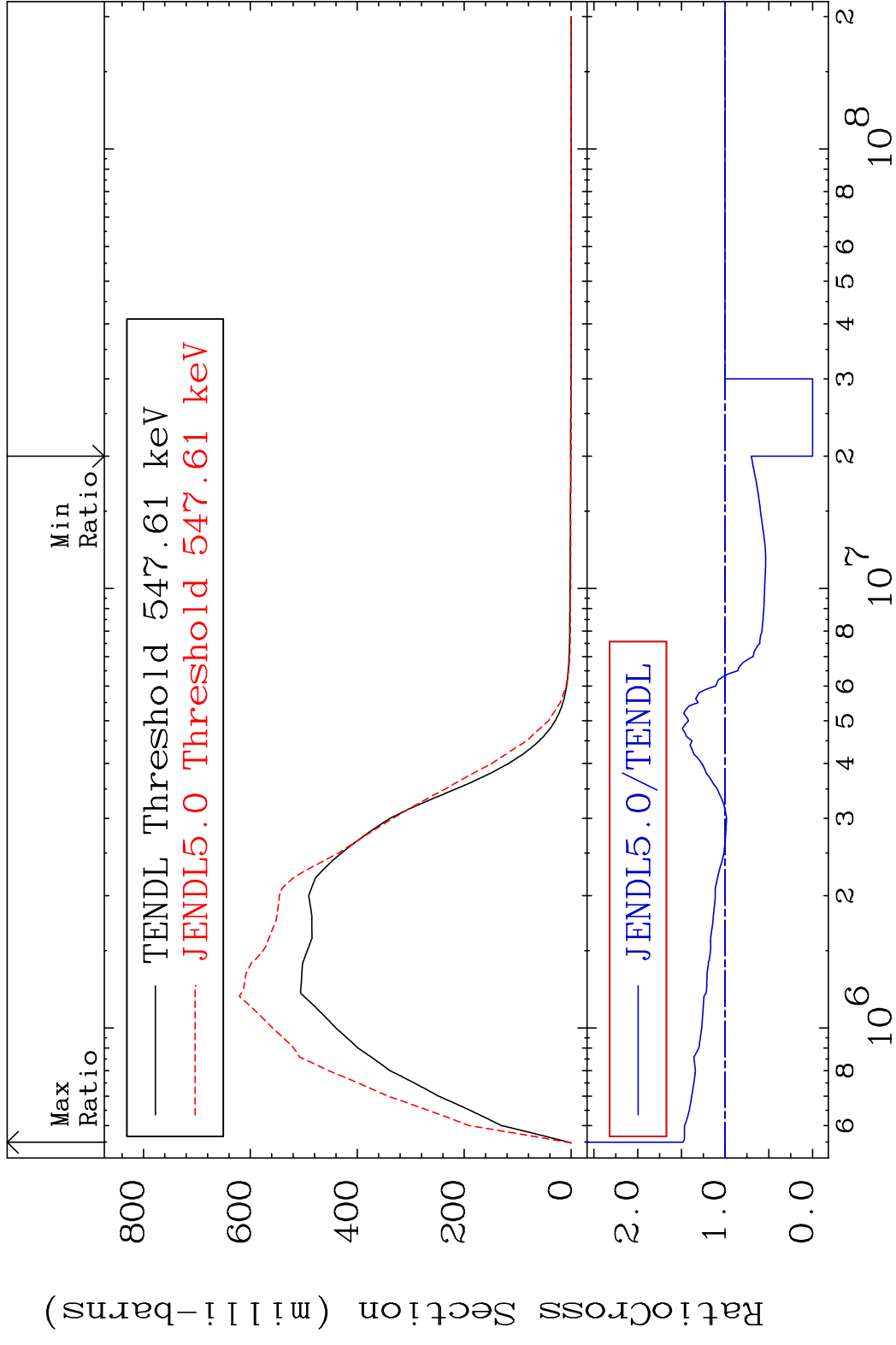
(n,2n) p

84-Po-209

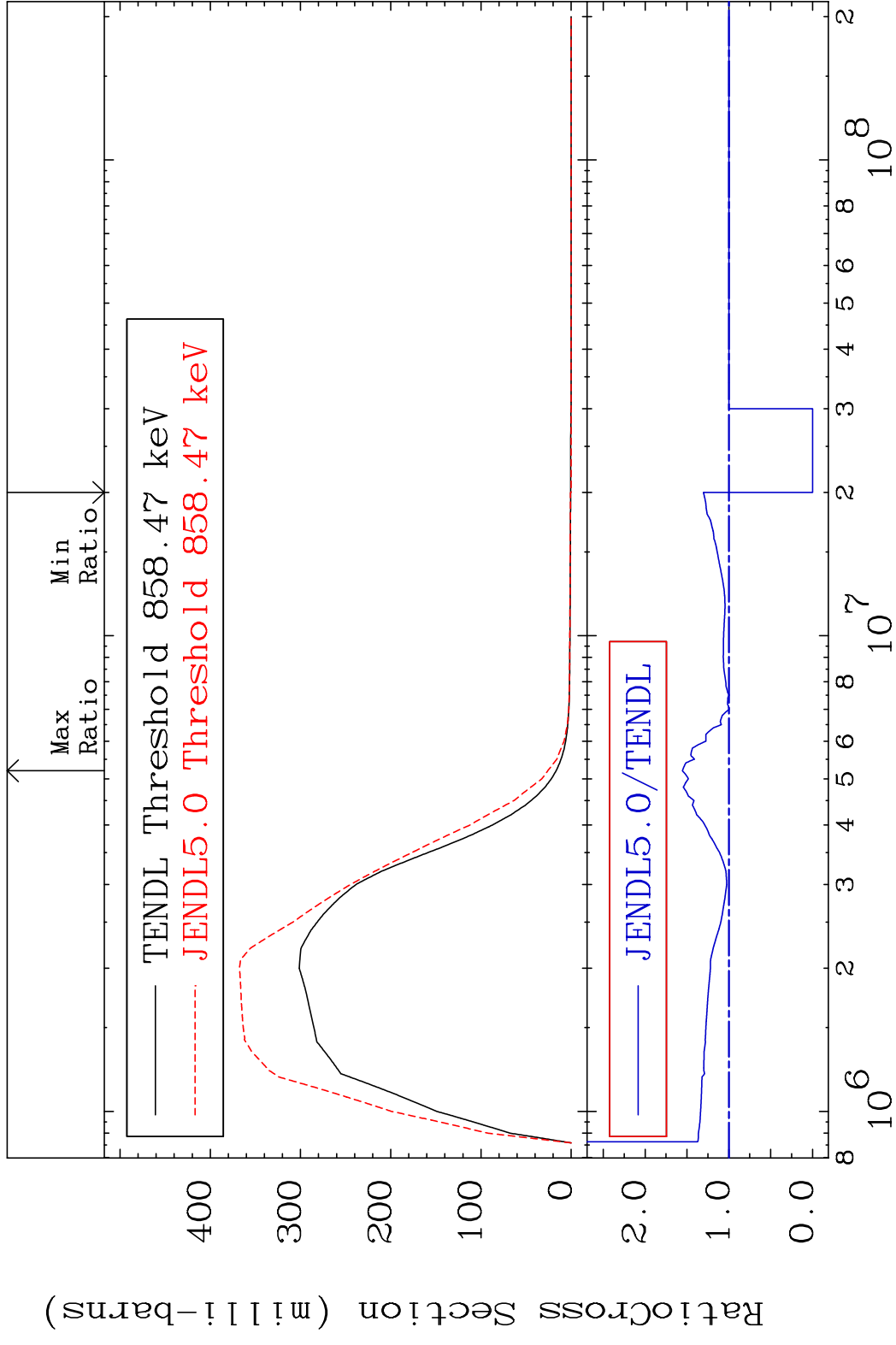
Cross Section -100.0 To 328.1 %



MAT 8434 MT= 51 (n, n') Level 84-Po-209
 Cross Section -100.0 To 48.94 %

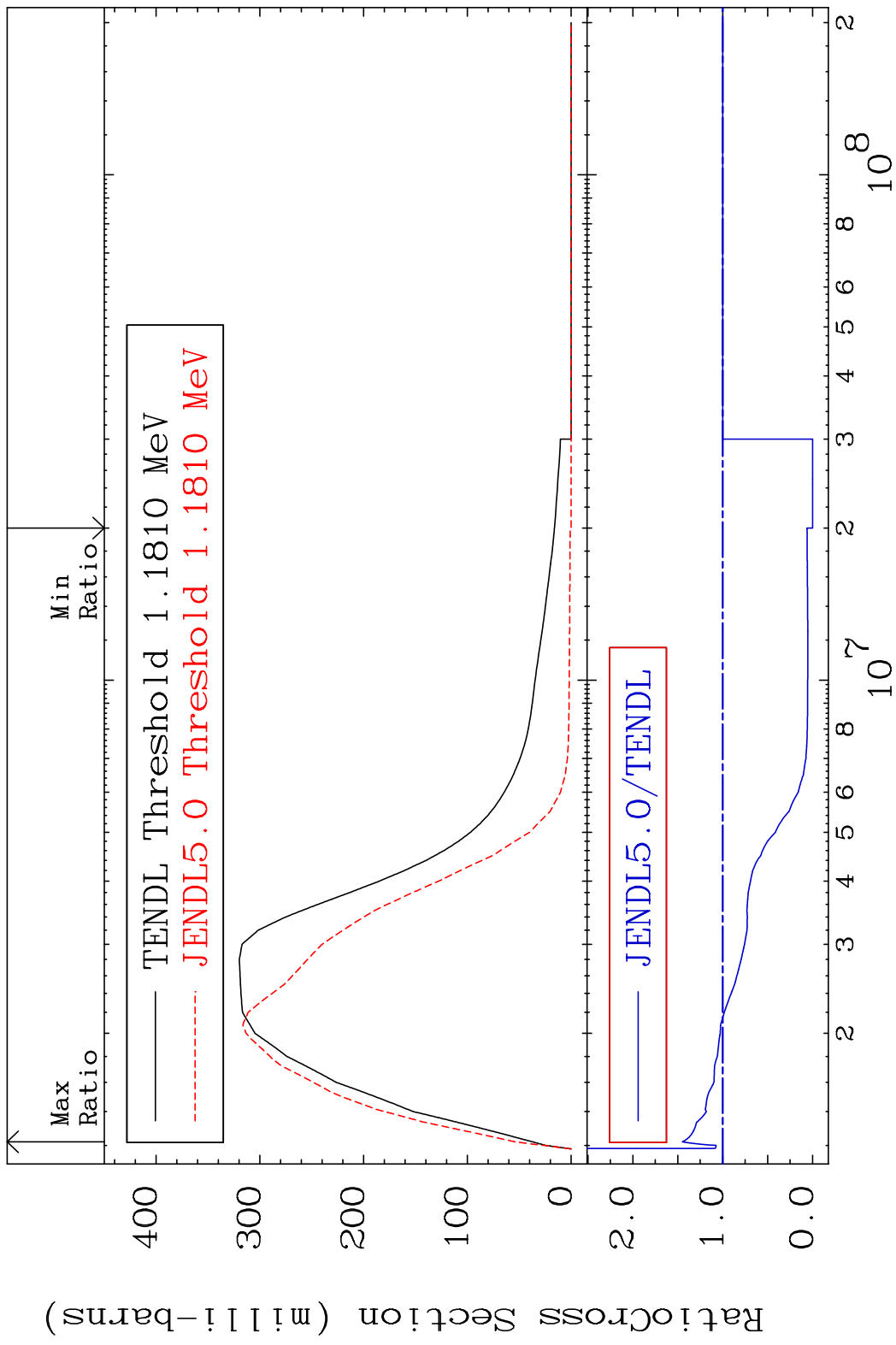


MAT 8434 MT= 52 (n, n') Level 84-Po-209
 Cross Section -100.0 To 55.54 %

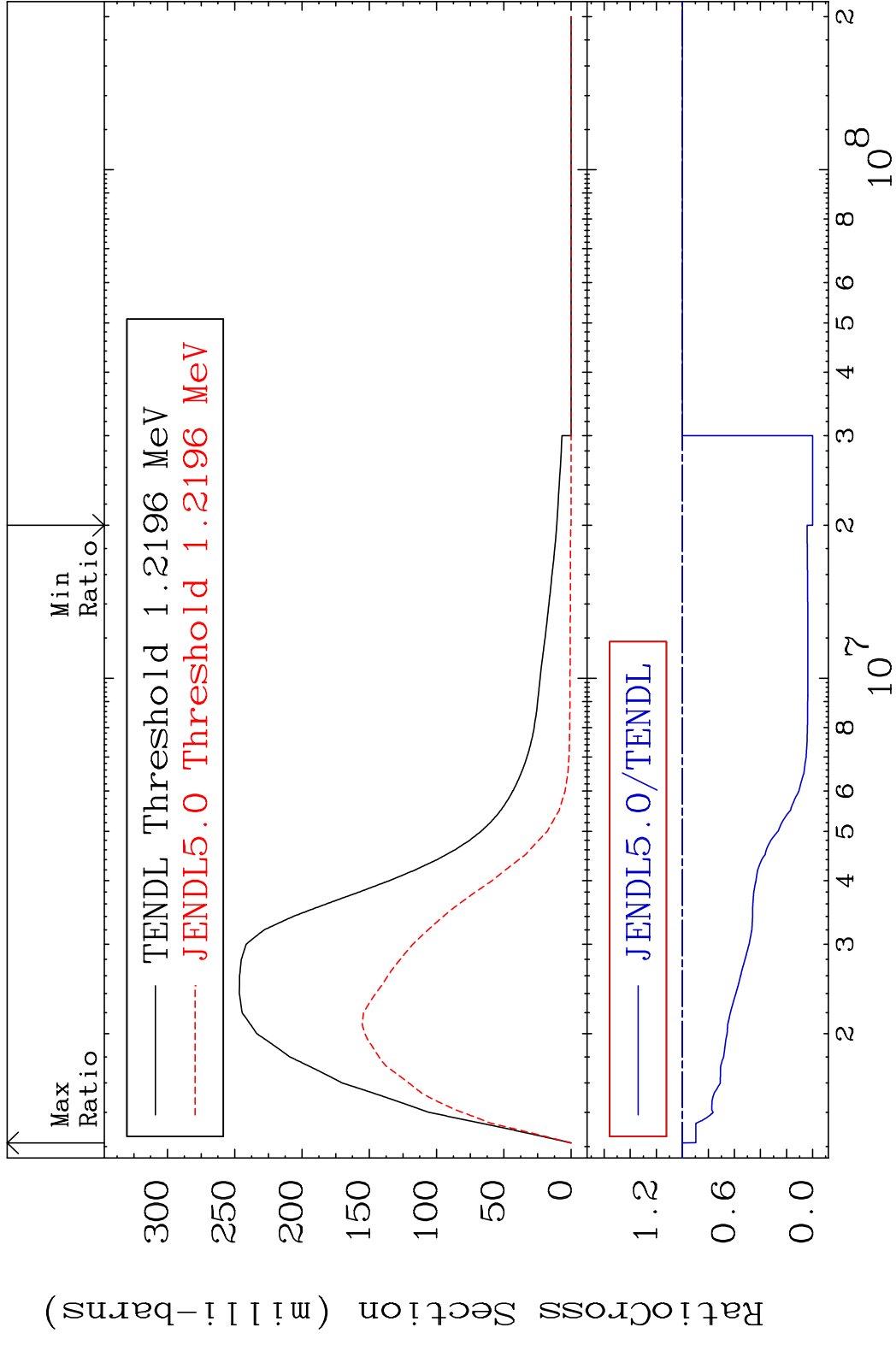


14 Incident Energy (eV) 84-Po-209

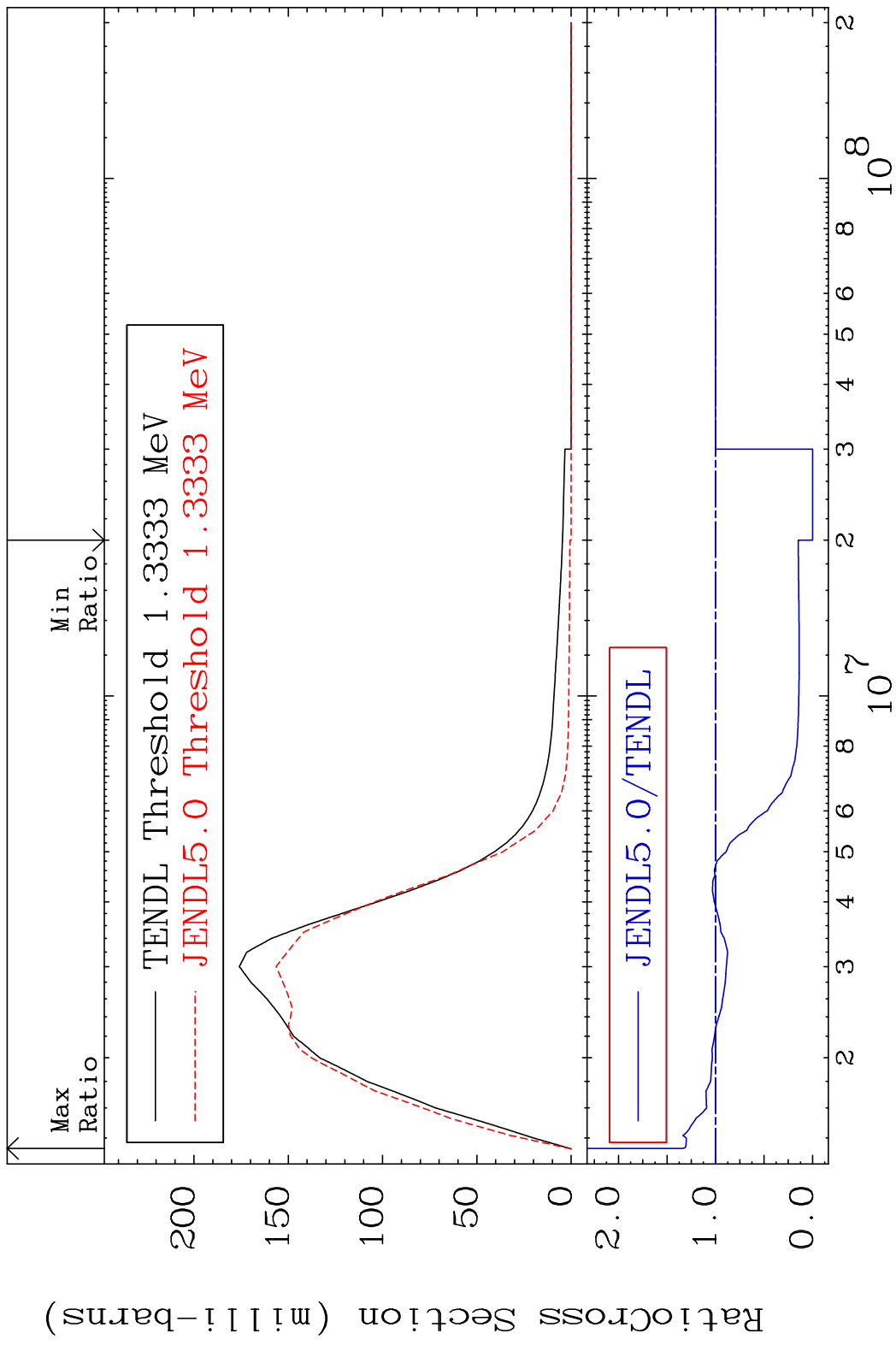
MAT 8434 MT= 53 (n, n') Level 84-Po-209
 Cross Section -100.0 To 44.88 %



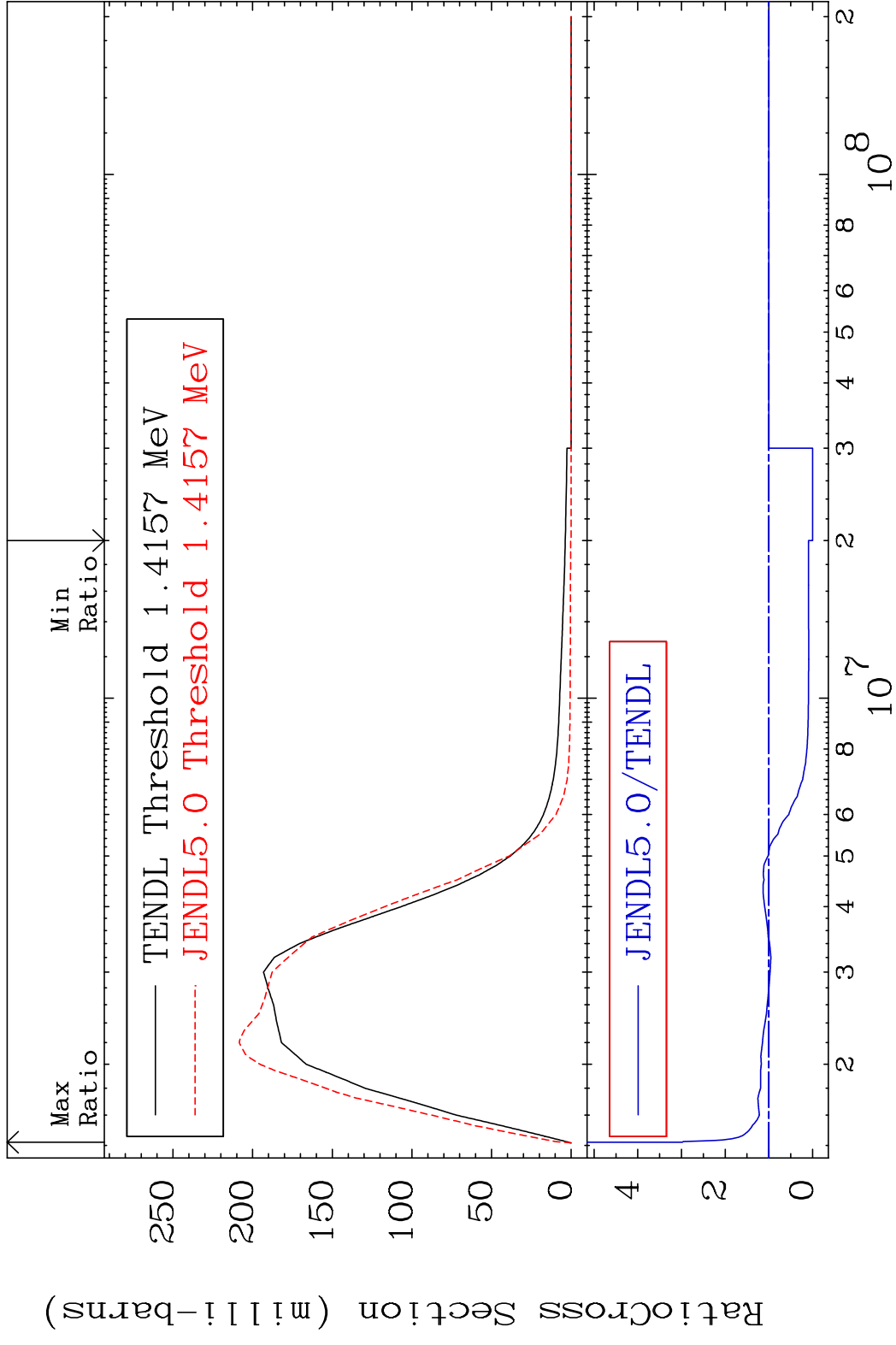
MAT 8434 MT= 54 (n, n') Level 84-Po-209
 Cross Section -100.0 To 0.000 %



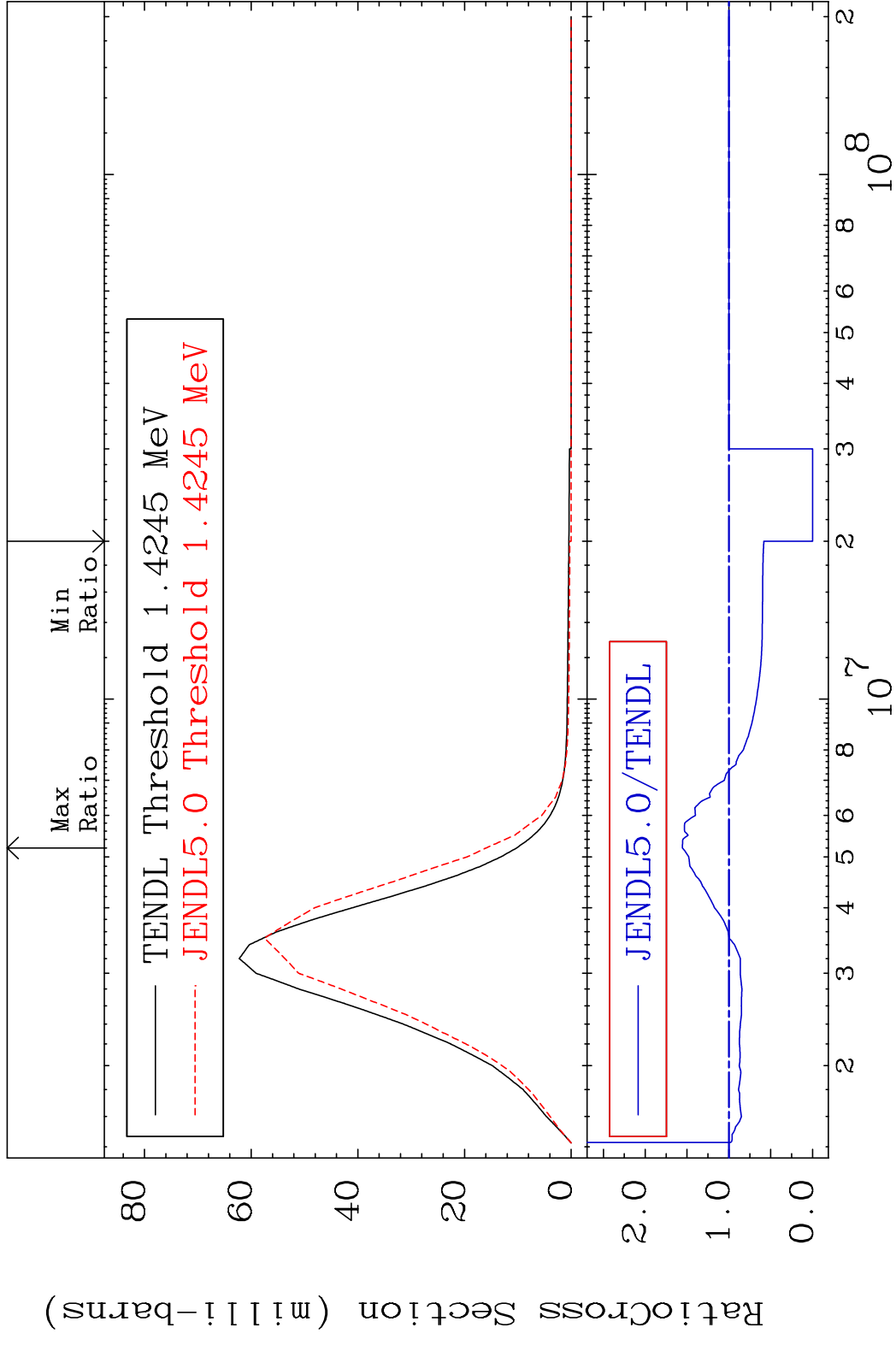
MAT 8434 MT= 55 (n, n') Level 84-Po-209
 Cross Section -100.0 To 34.22 %



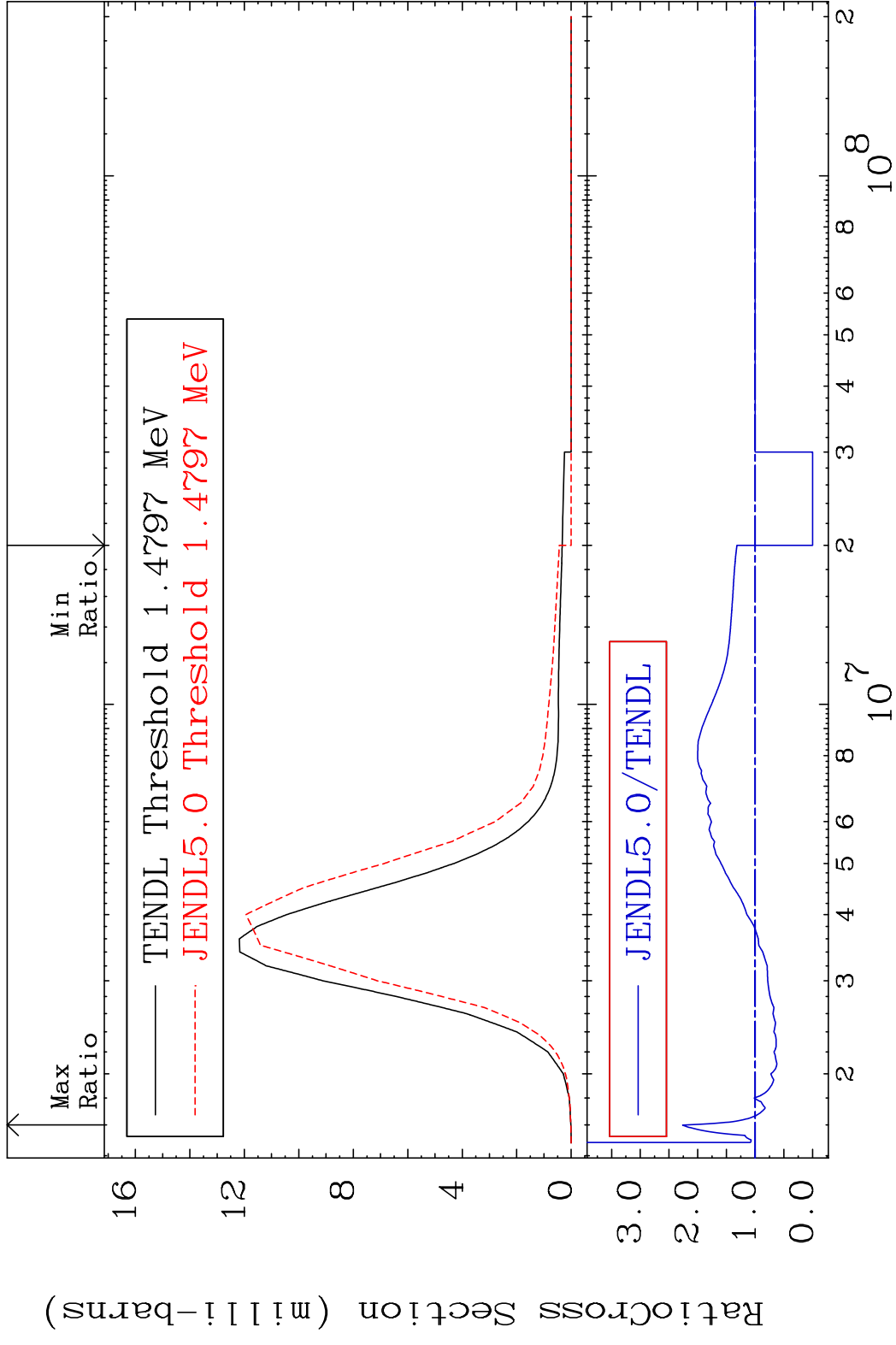
MAT 8434 MT= 56 (n, n') Level 84-Po-209
 Cross Section -100.0 To 198.0 %



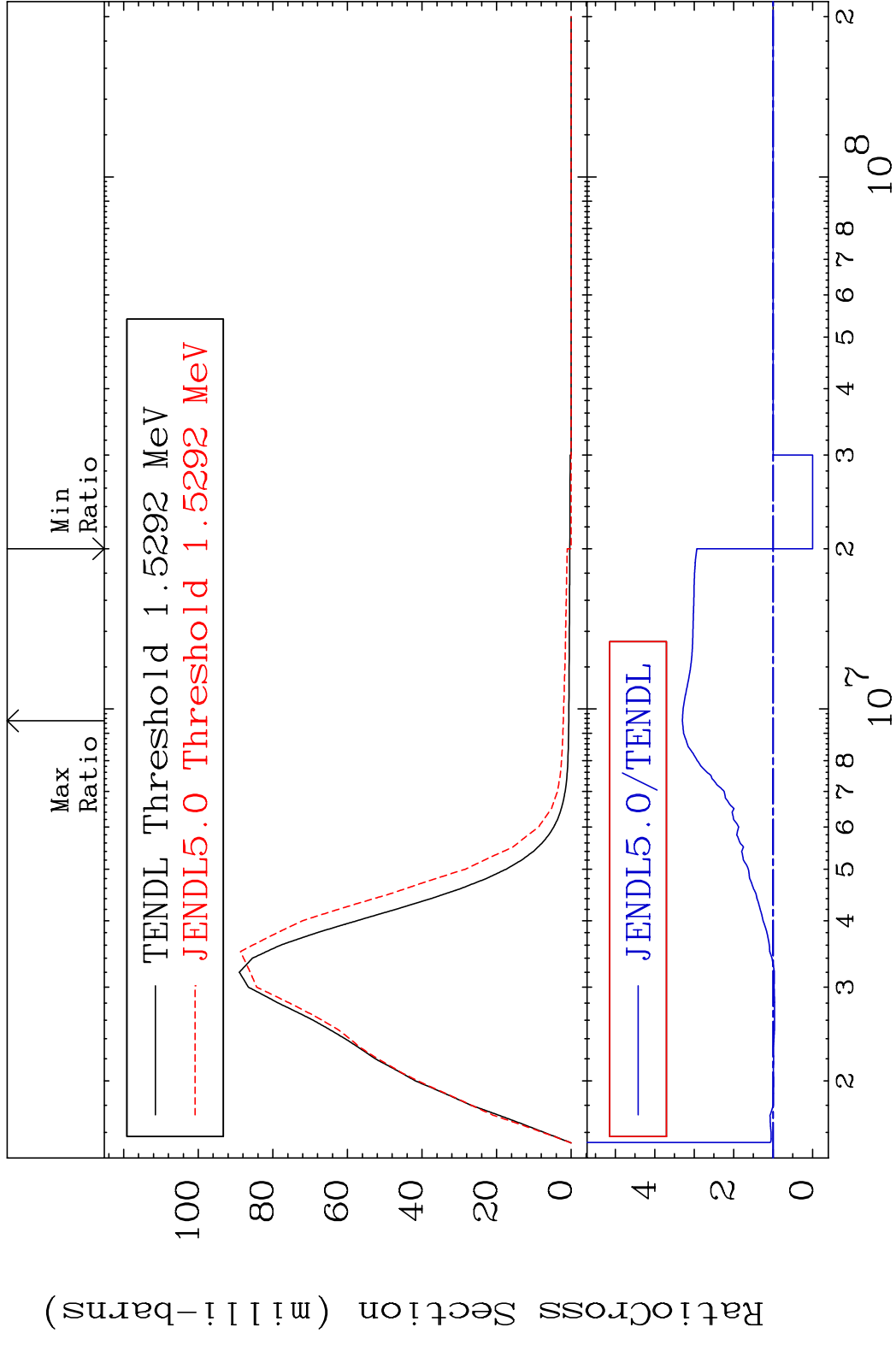
MAT 8434 MT= 57 (n, n') Level 84-Po-209
 Cross Section -100.0 To 55.62 %



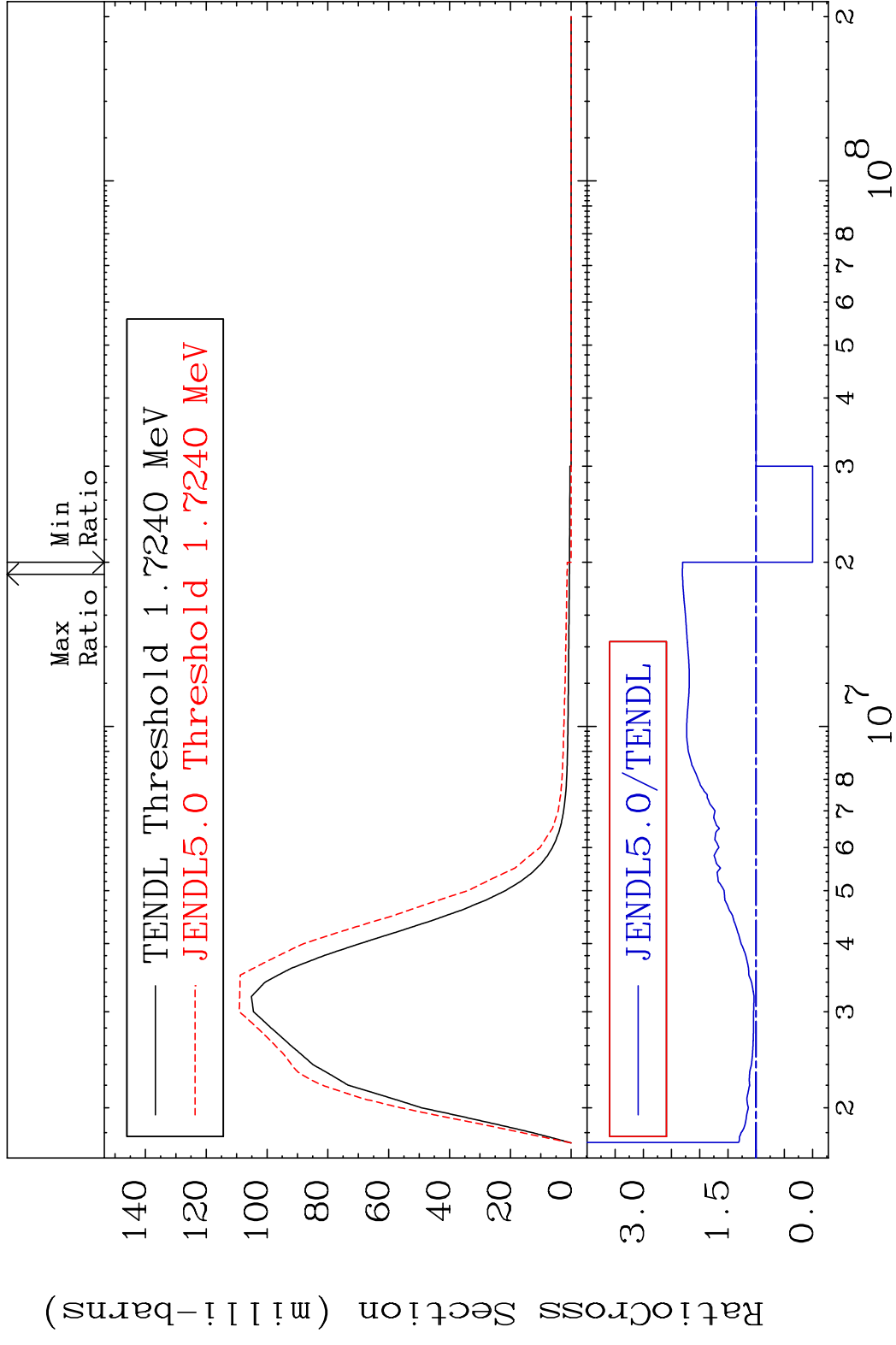
MAT 8434 MT= 58 (n, n') Level 84-Po-209
 Cross Section -100.0 To 126.8 %



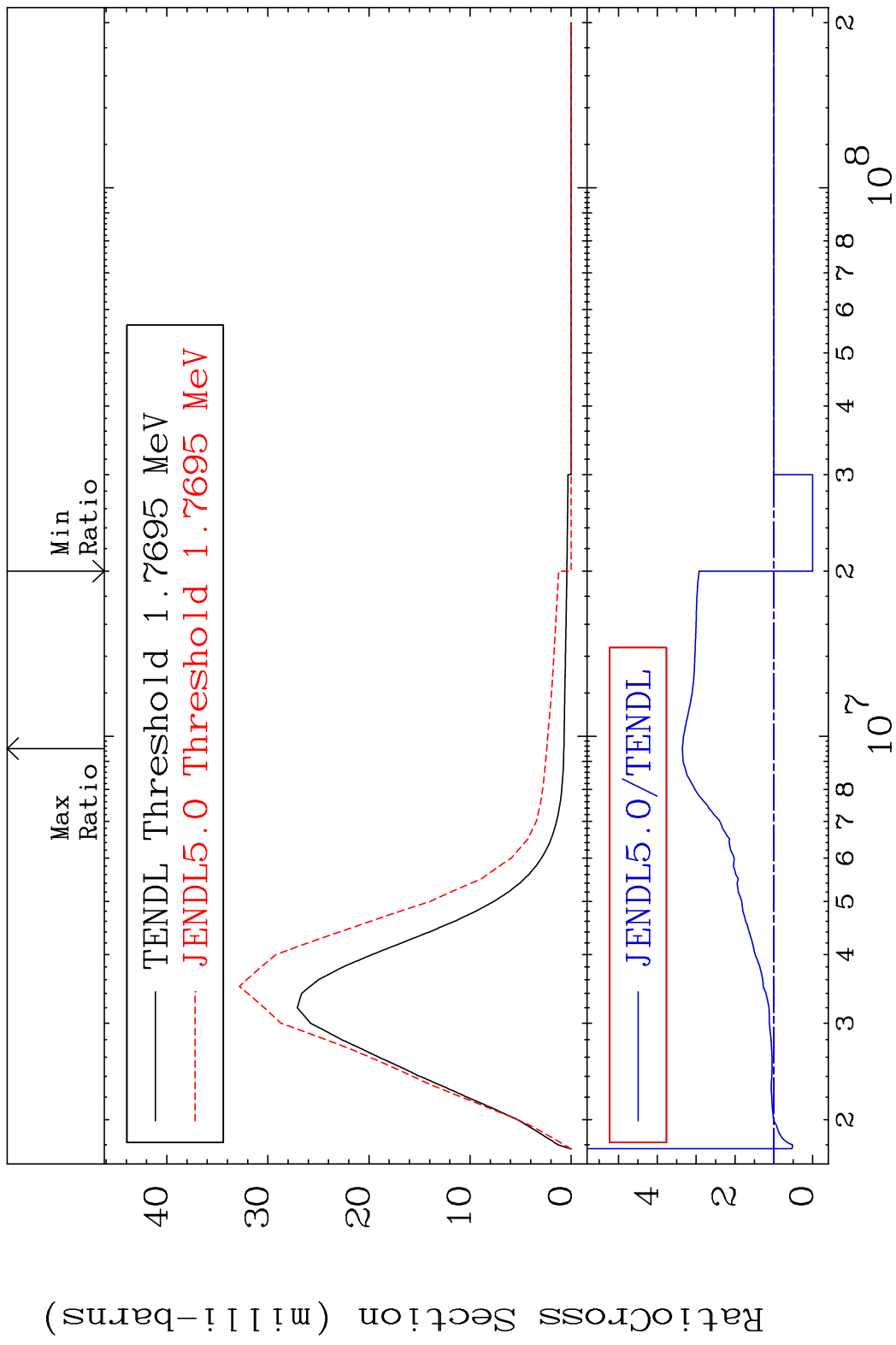
MAT 8434 MT= 59 (n, n') Level 84-Po-209
 Cross Section -100.0 To 230.0 %



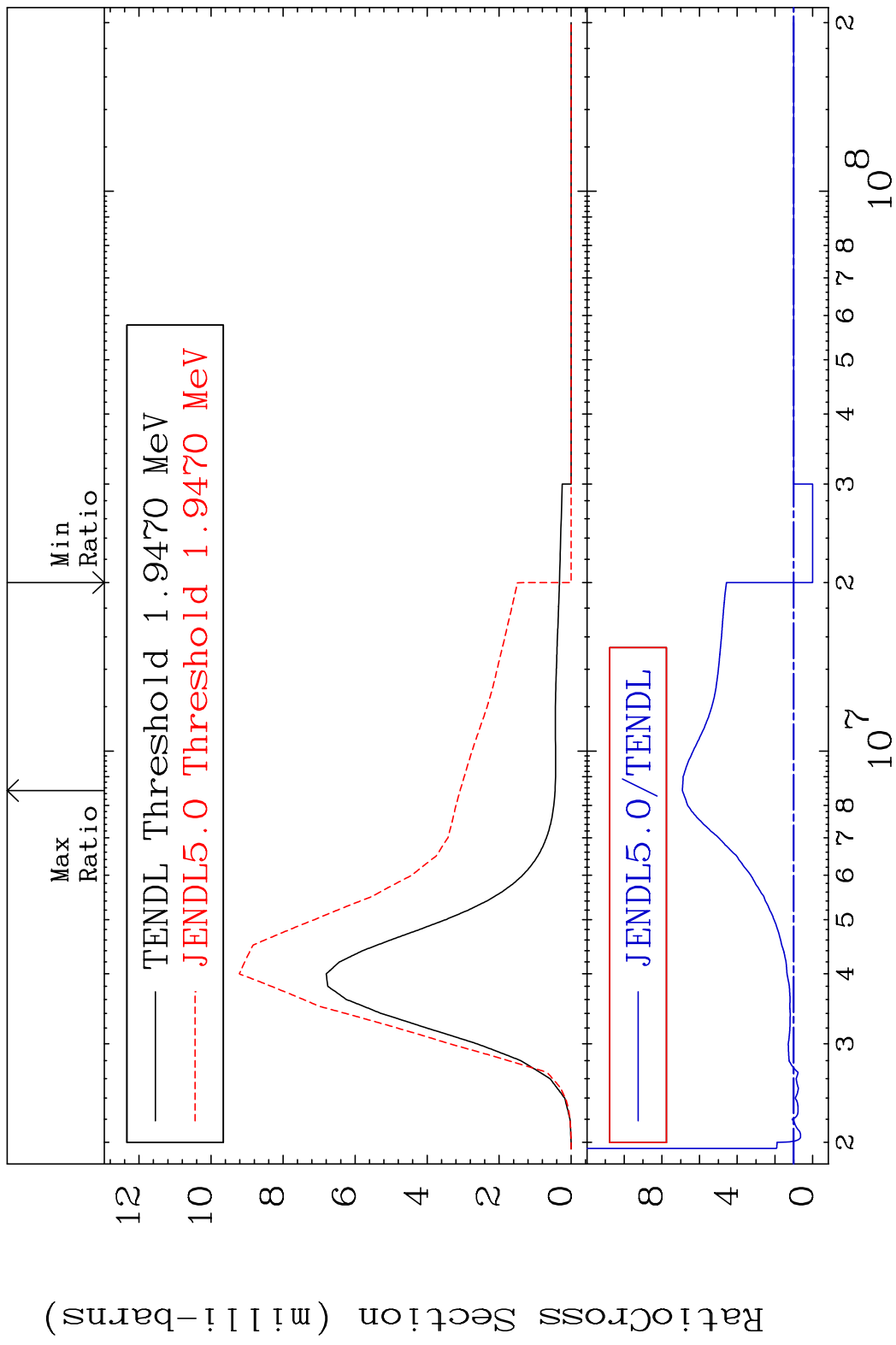
MAT 8434 MT= 60 (n, n') Level 84-Po-209
 Cross Section -100.0 To 130.8 %



MAT 8434 MT= 61 (n, n') Level 84-Po-209
 Cross Section -100.0 To 235.6 %



MAT 8434 MT= 62 (n, n') Level 84-Po-209
 Cross Section -100.0 To 591.1 %

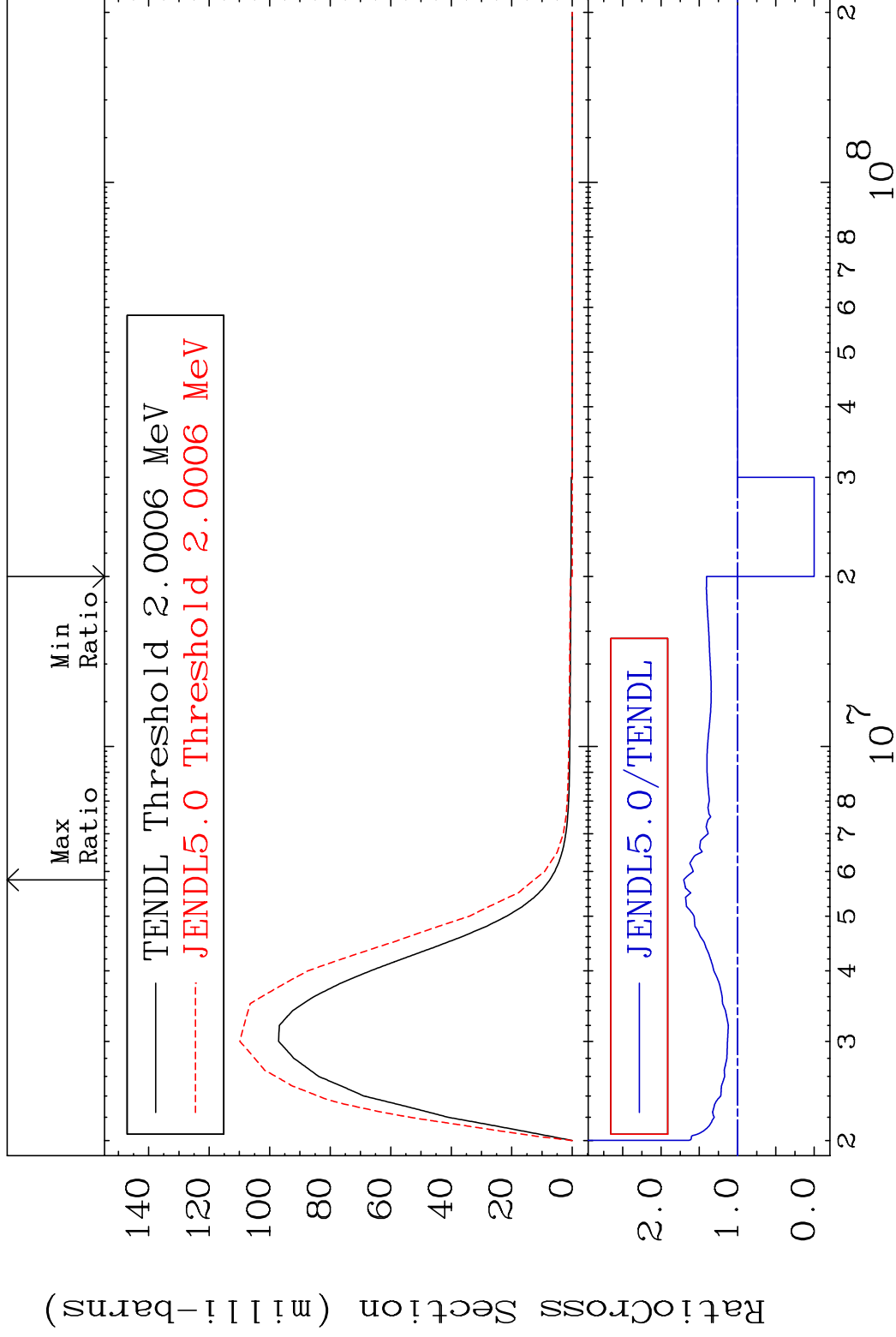


MAT 8434

MT= 63 (n, n') Level

84-Po-209

Cross Section -100.0 To 70.47 %

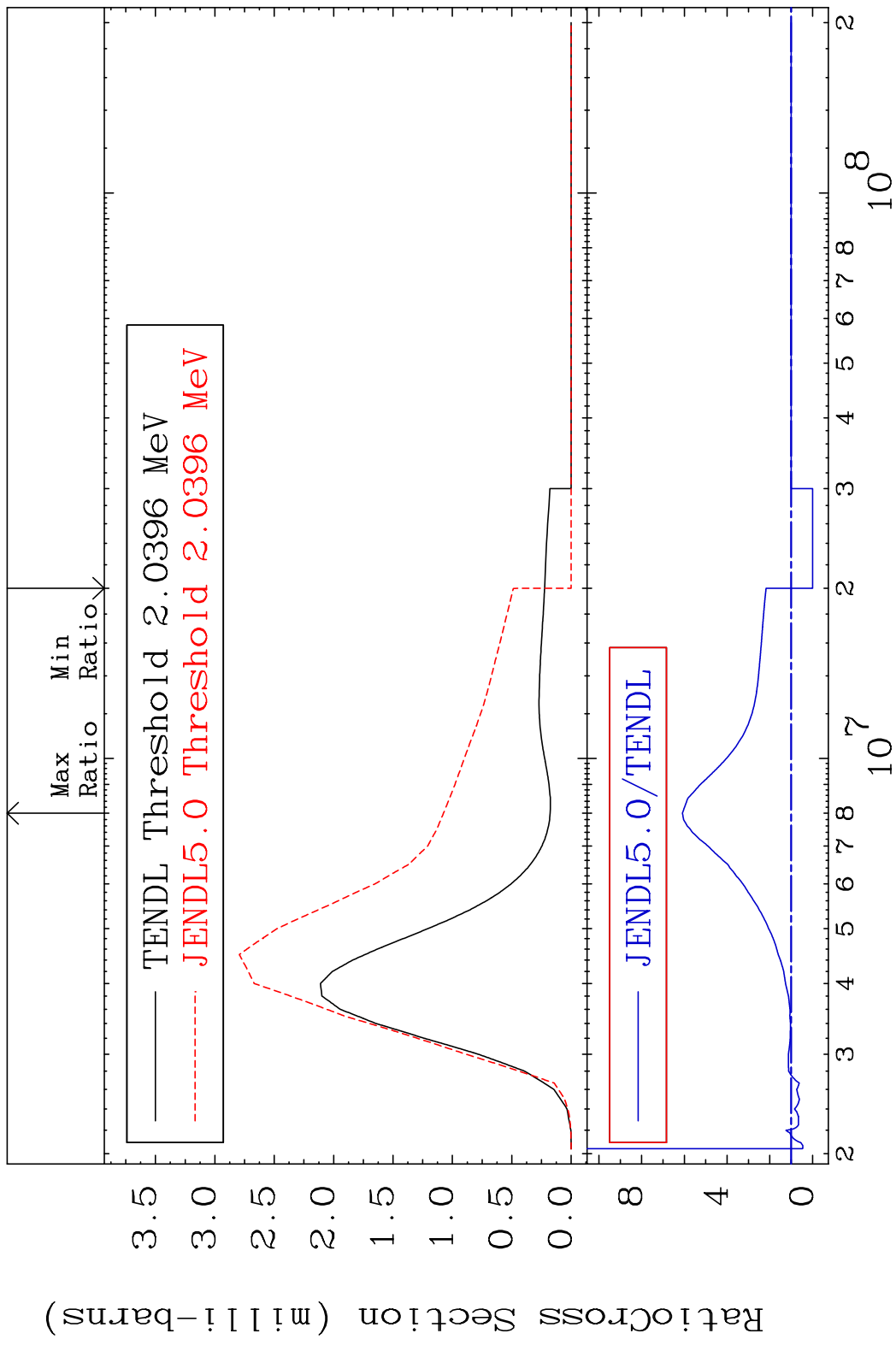


25

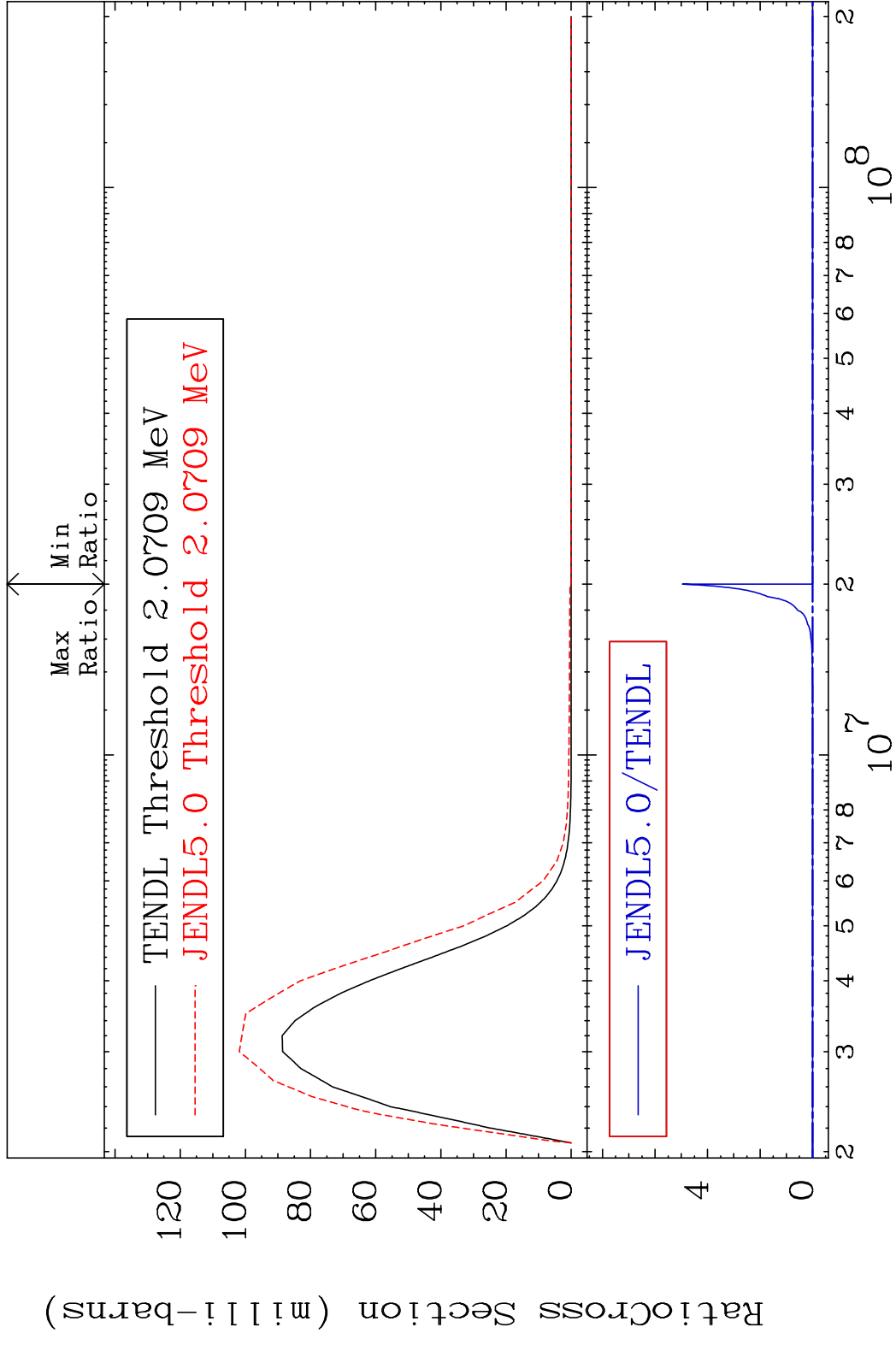
Incident Energy (eV)

84-Po-209

MAT 8434 MT= 64 (n, n') Level 84-Po-209
 Cross Section -100.0 To 509.3 %



MAT 8434 MT= 65 (n, n') Level 84-Po-209
 Cross Section -100.0 To 9999. %

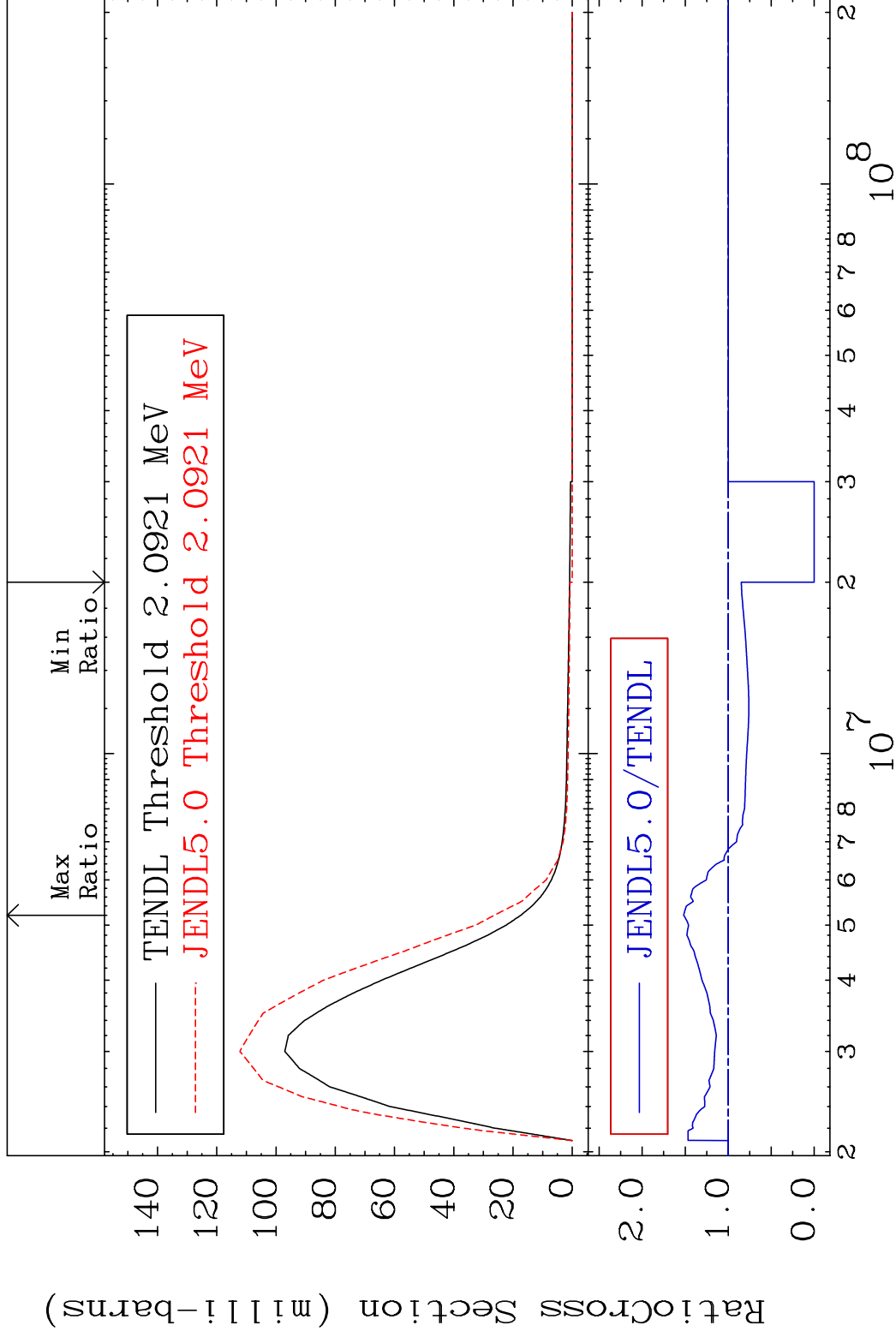


MAT 8434

MT= 66 (n, n') Level

84-Po-209

Cross Section -100.0 To 51.77 %

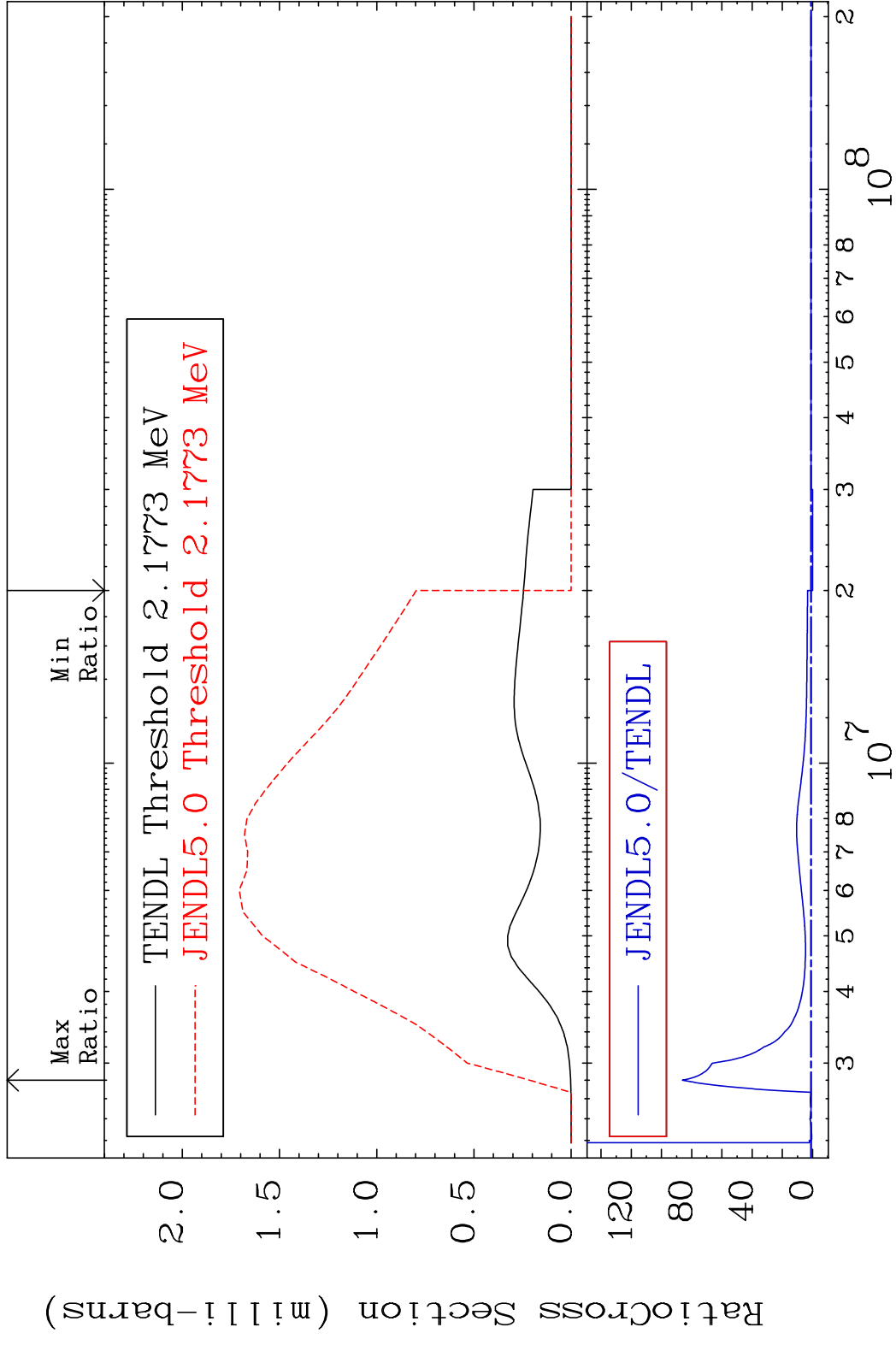


28

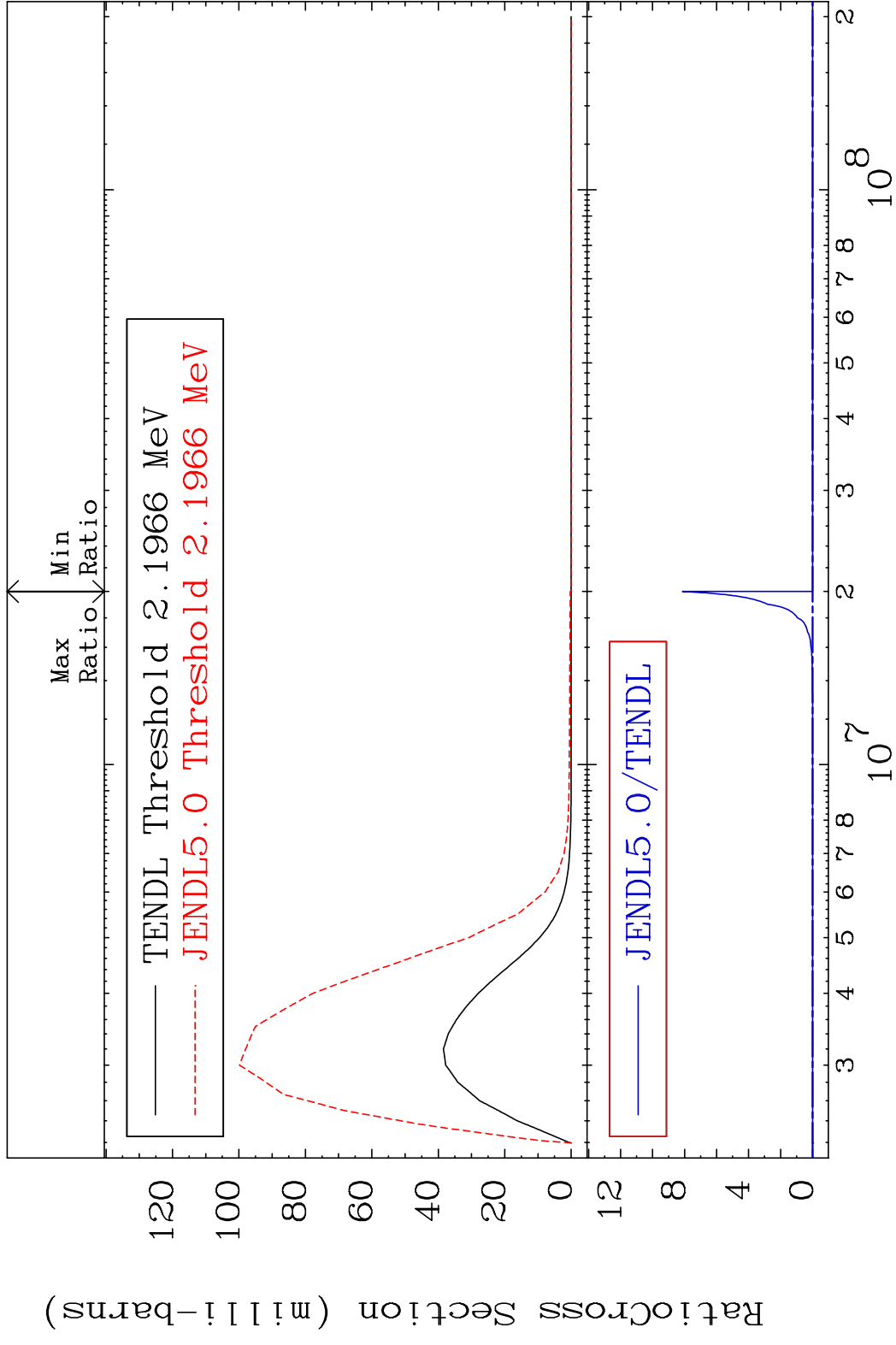
Incident Energy (eV)

84-Po-209

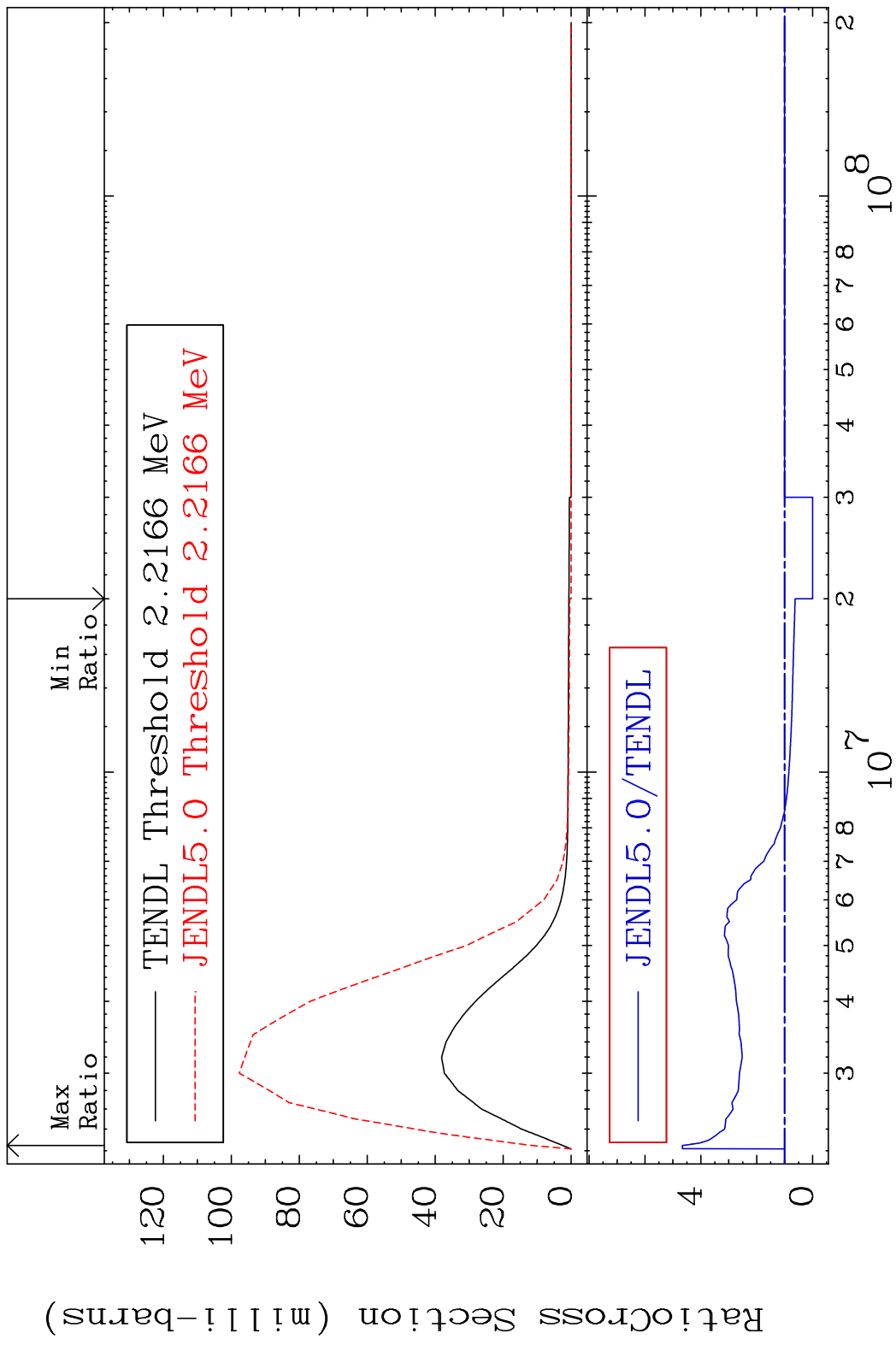
MAT 8434 MT= 67 (n, n') Level 84-Po-209
 Cross Section -100.0 To 8518. %



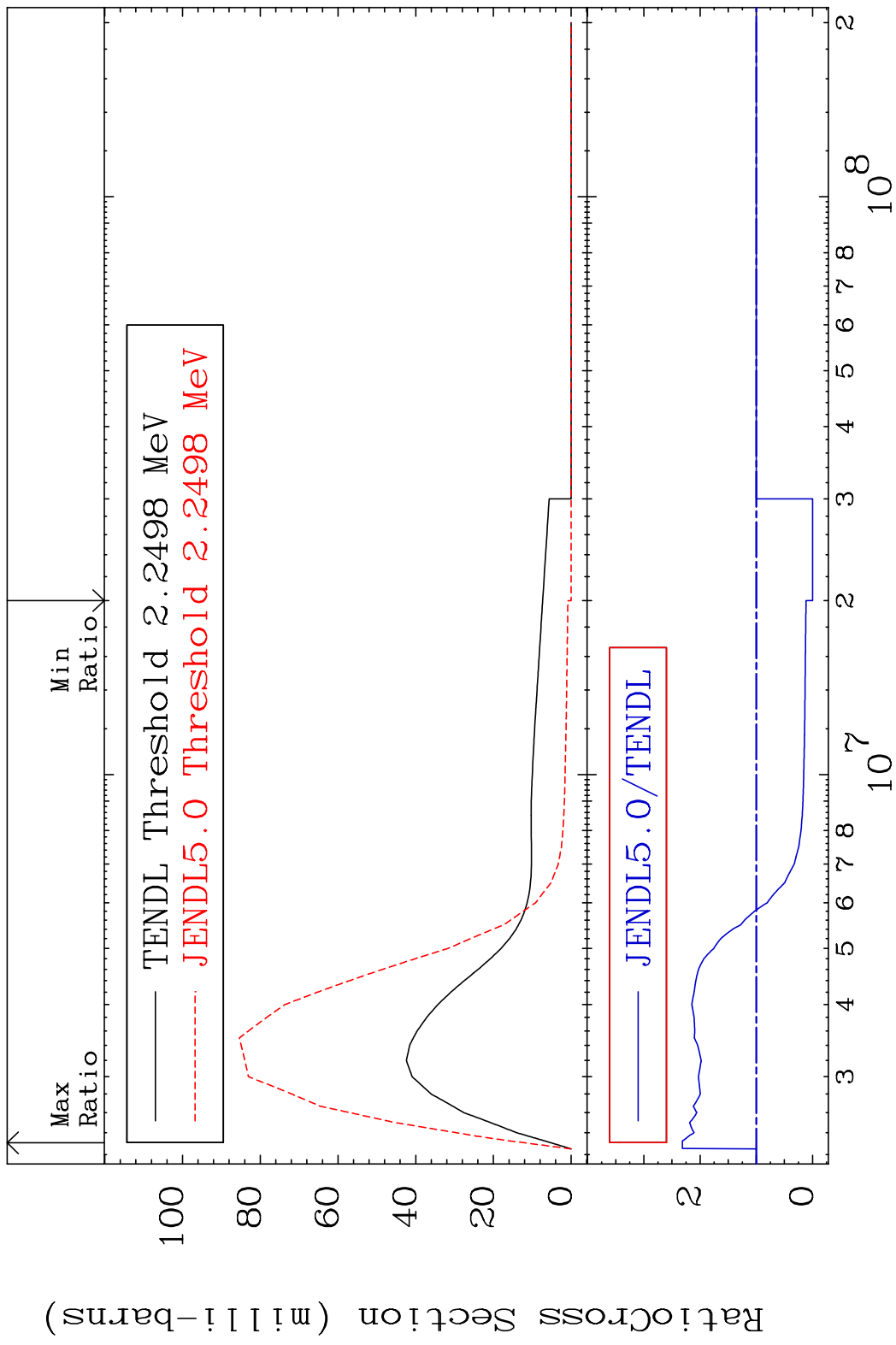
MAT 8434 MT= 68 (n, n') Level 84-Po-209
 Cross Section -100.0 To 9999. %



MAT 8434 MT= 69 (n, n') Level 84-Po-209
 Cross Section -100.0 To 366.2 %



MAT 8434 MT= 70 (n, n') Level 84-Po-209
 Cross Section -100.0 To 131.5 %

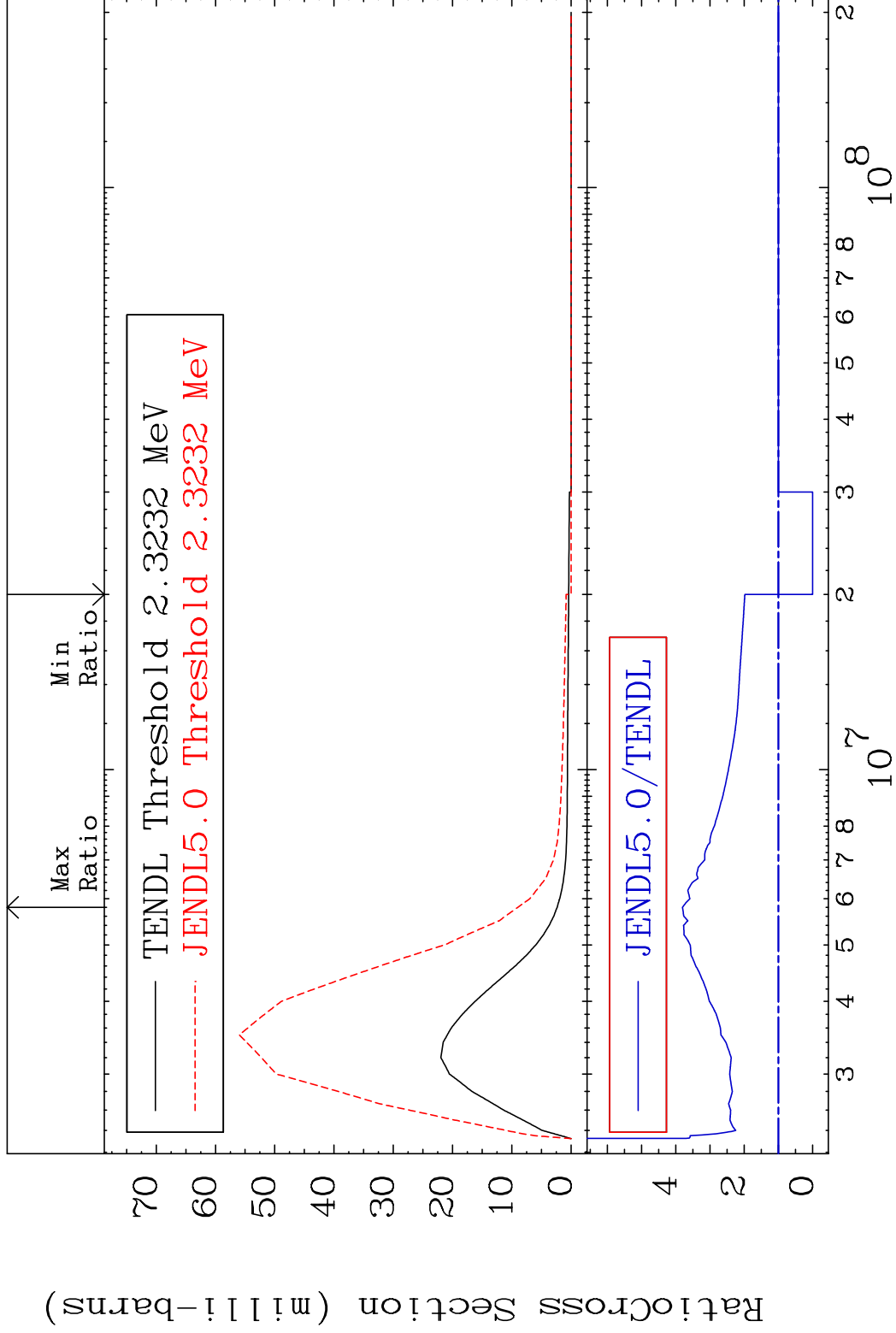


MAT 8434

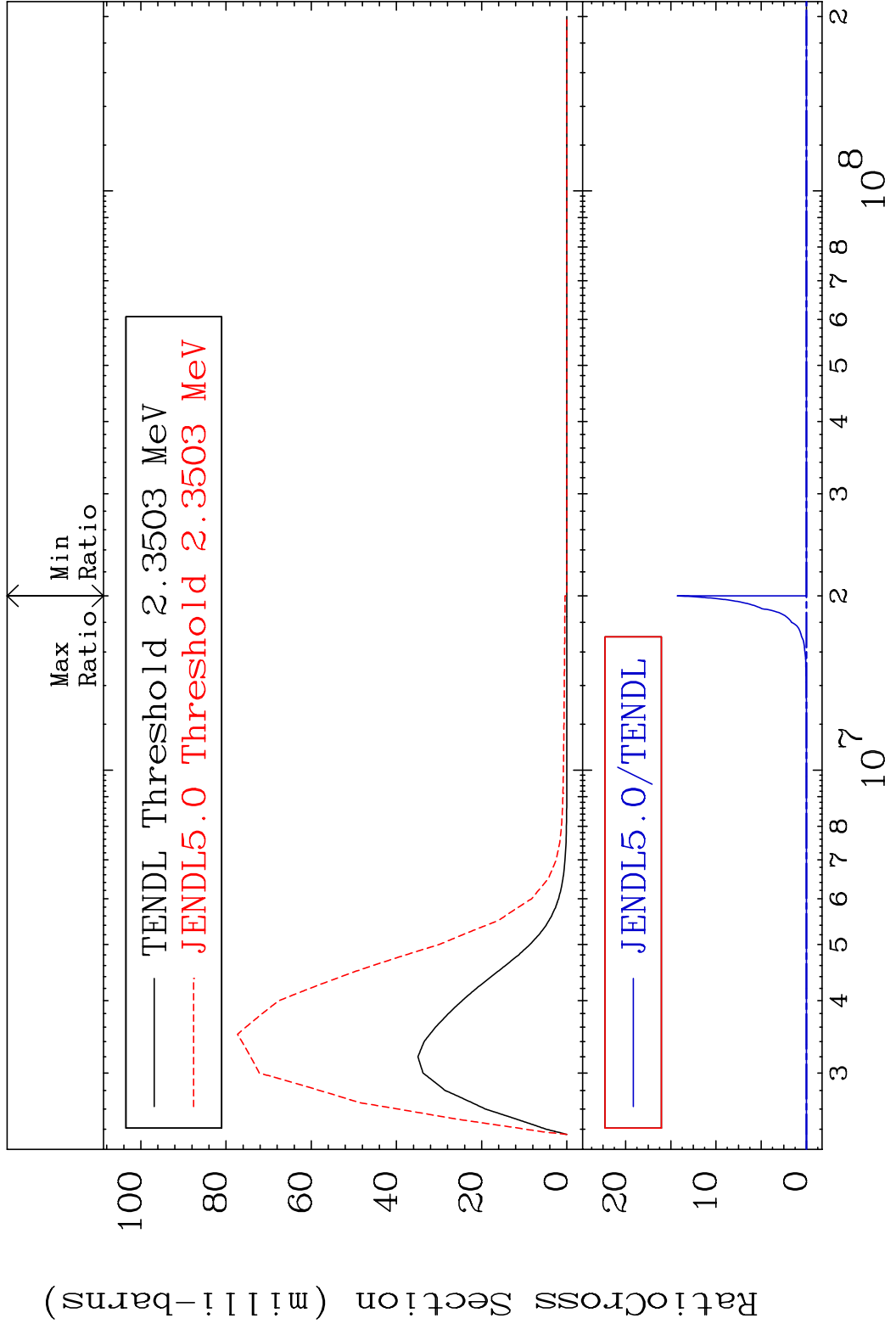
MT= 71 (n, n') Level

84-Po-209

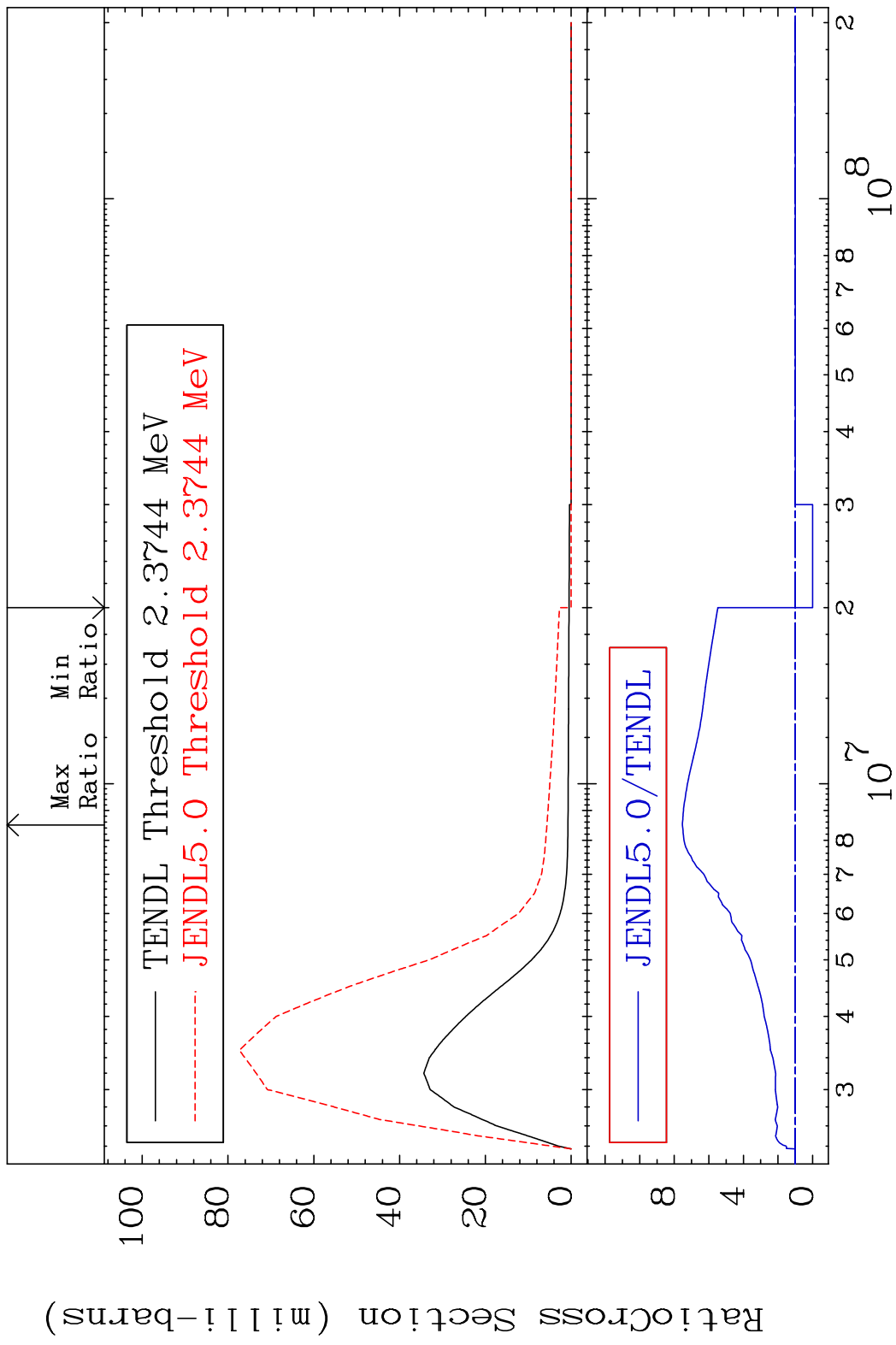
Cross Section -100.0 To 280.8 %



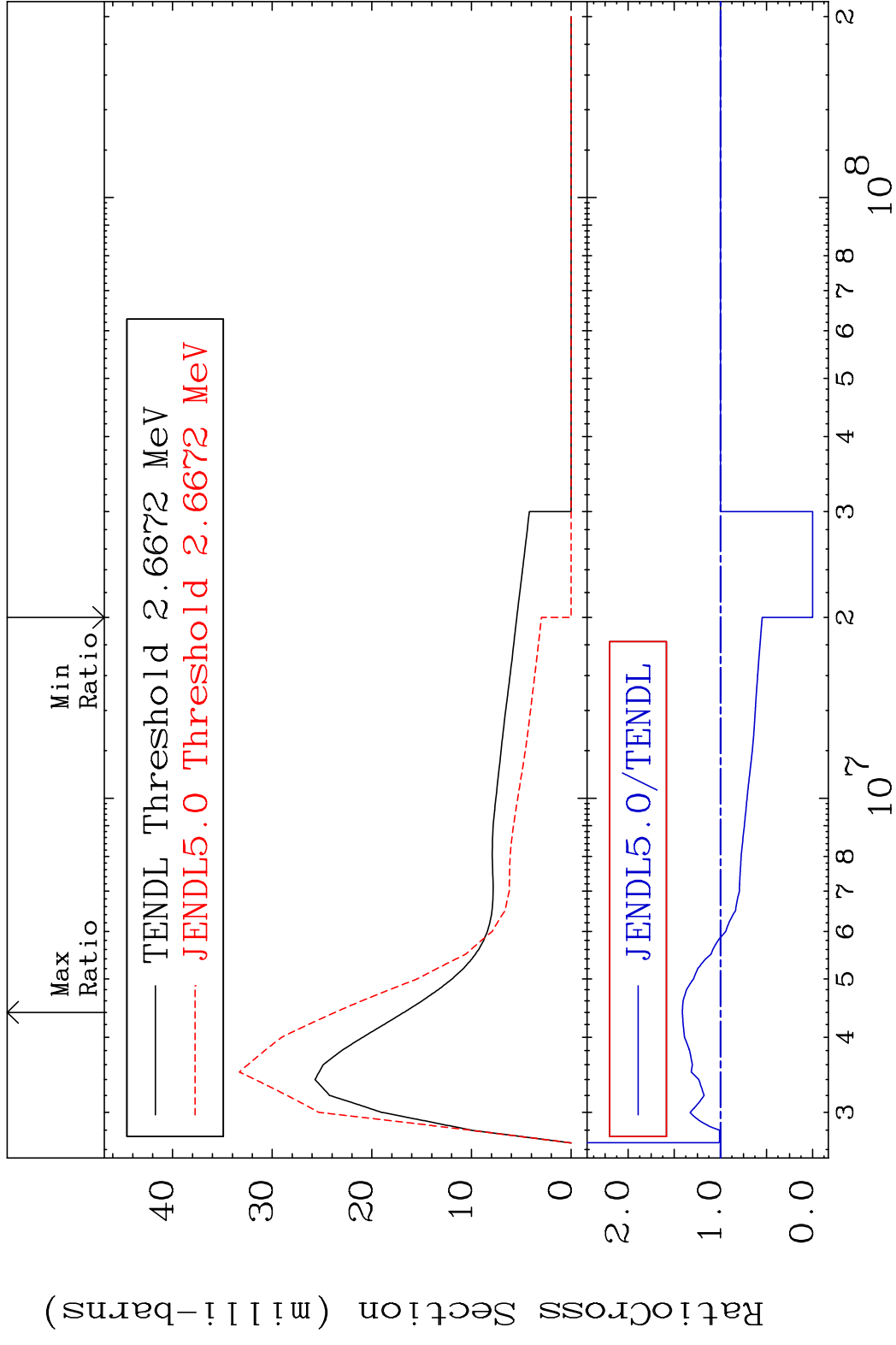
MAT 8434 MT= 72 (n, n') Level 84-Po-209
 Cross Section -100.0 To 9999. %



MAT 8434 MT= 73 (n, n') Level 84-Po-209
 Cross Section -100.0 To 653.3 %



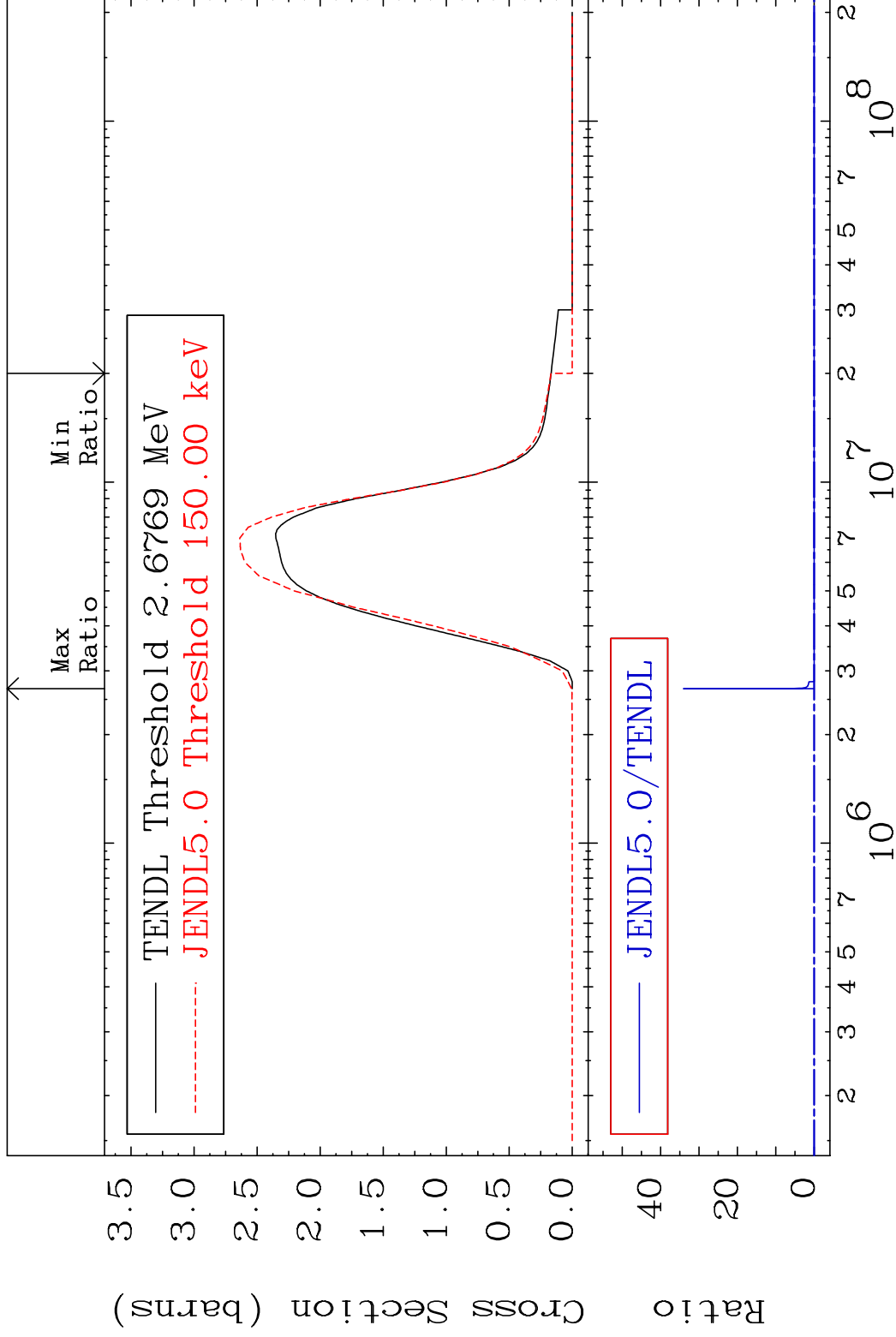
MAT 8434 MT= 74 (n,n') Level 84-Po-209
 Cross Section -100.0 To 41.25 %



MAT 8434

(n, n') Continuum
Cross Section -100.0 To 9999. %

84-Po-209



37

Incident Energy (eV)

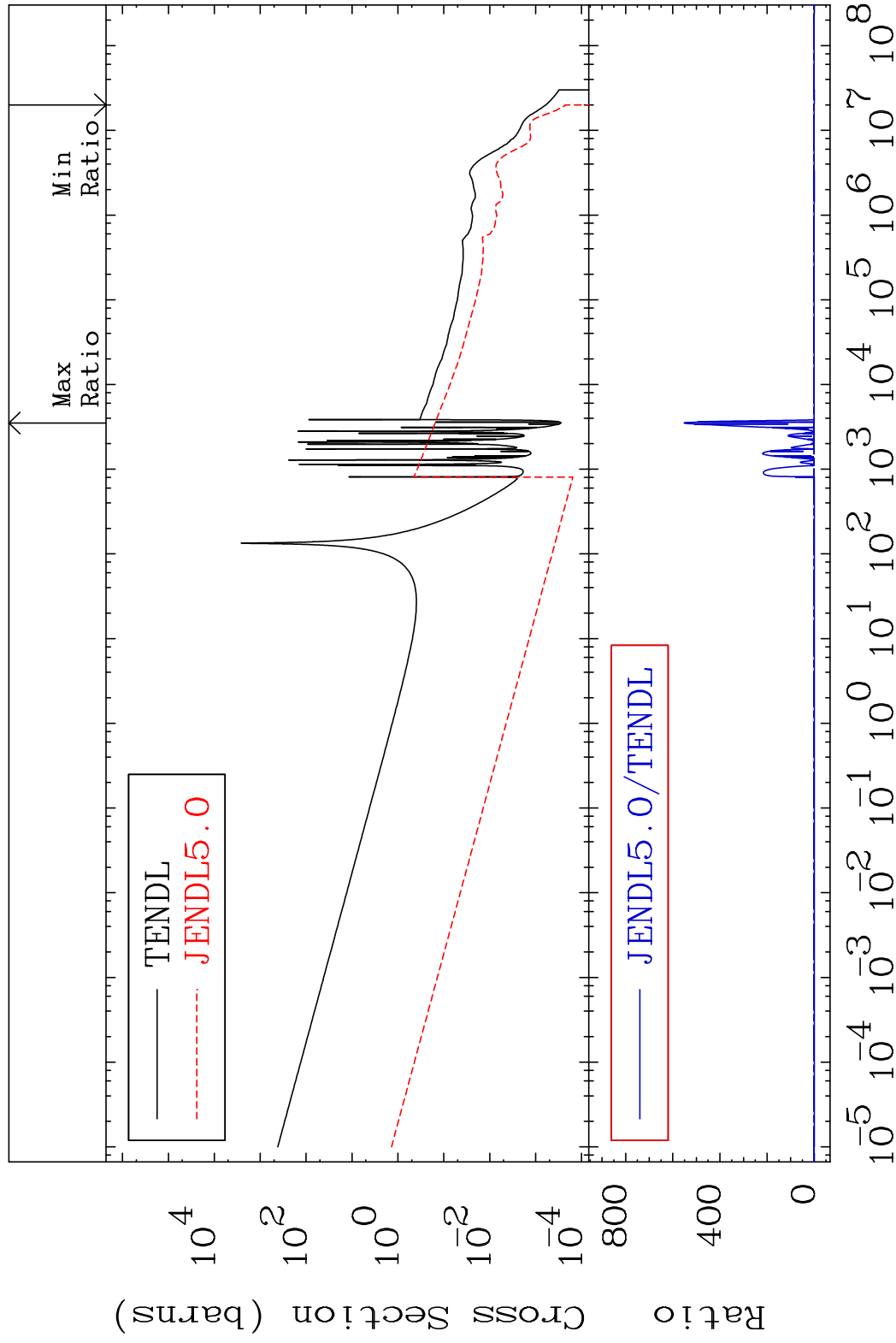
84-Po-209

MAT 8434

(n, γ)

84-Po-209

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

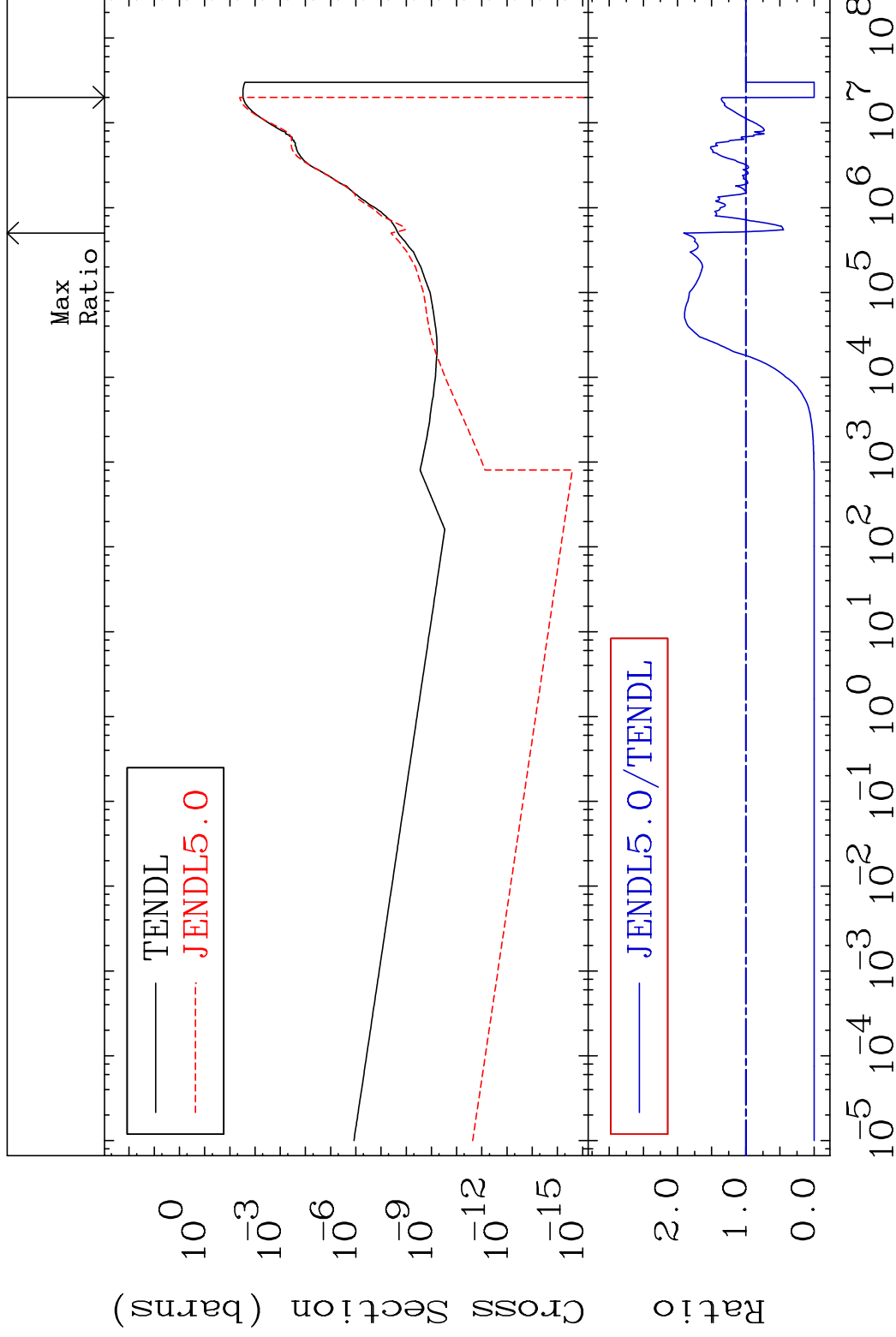
84-Po-209

MAT 8434

(n, p)

84-Po-209

Cross Section -100.0 To 91.04 %



39

Incident Energy (eV)

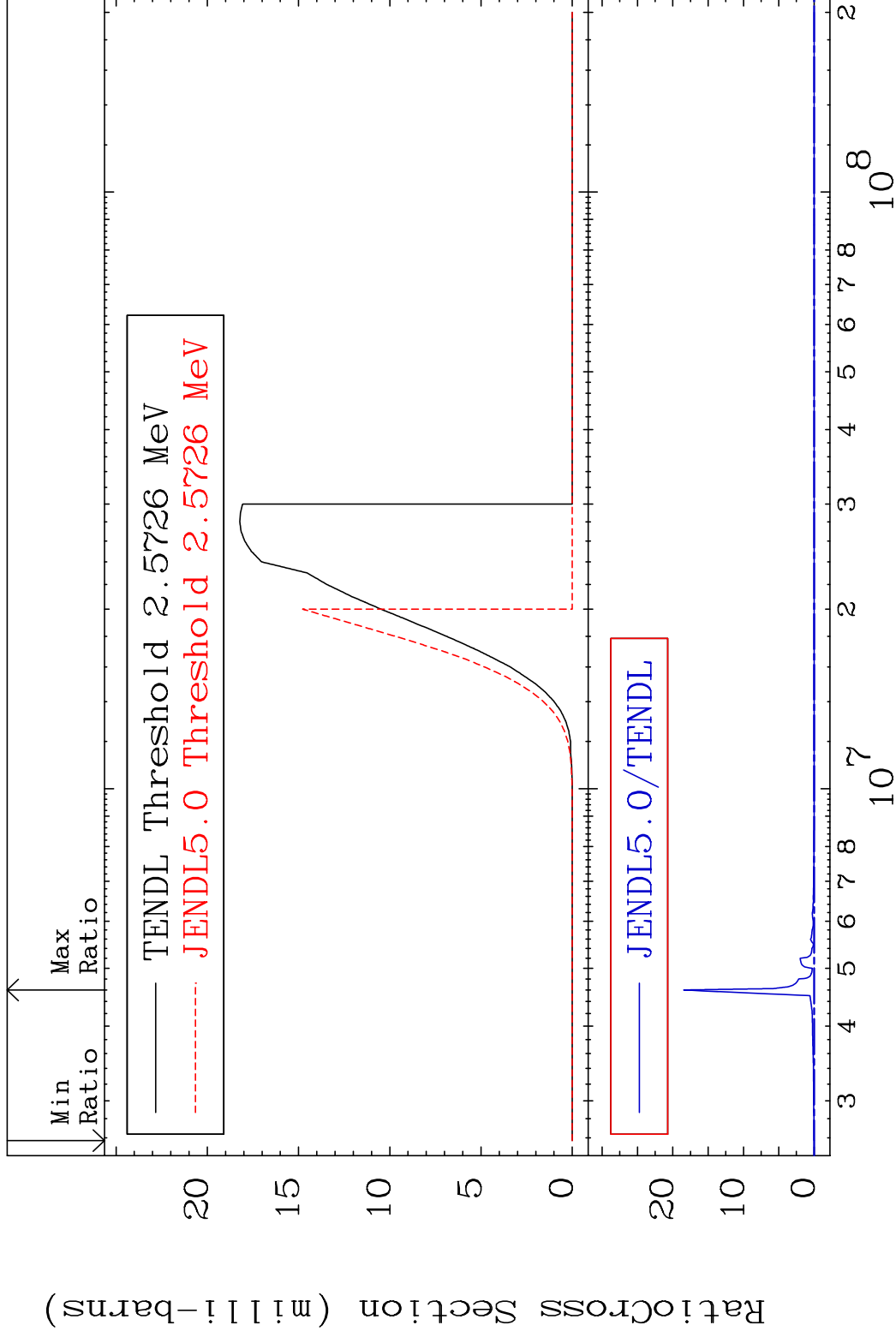
84-Po-209

MAT 8434

(n,d)

84-Po-209

Cross Section -100.0 To 9999. %

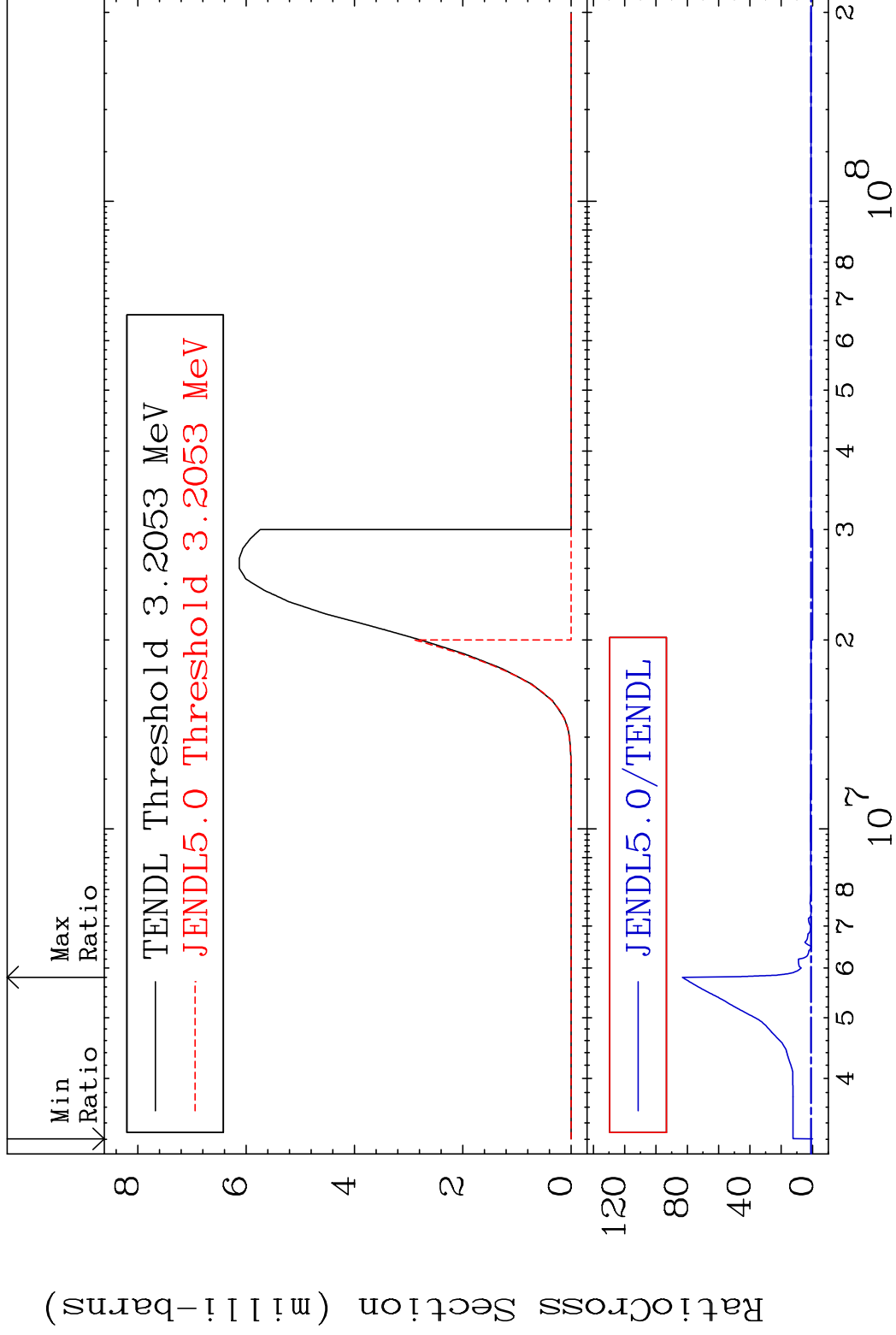


40

Incident Energy (eV)

84-Po-209

Cross Section -100.0 To 8217. %

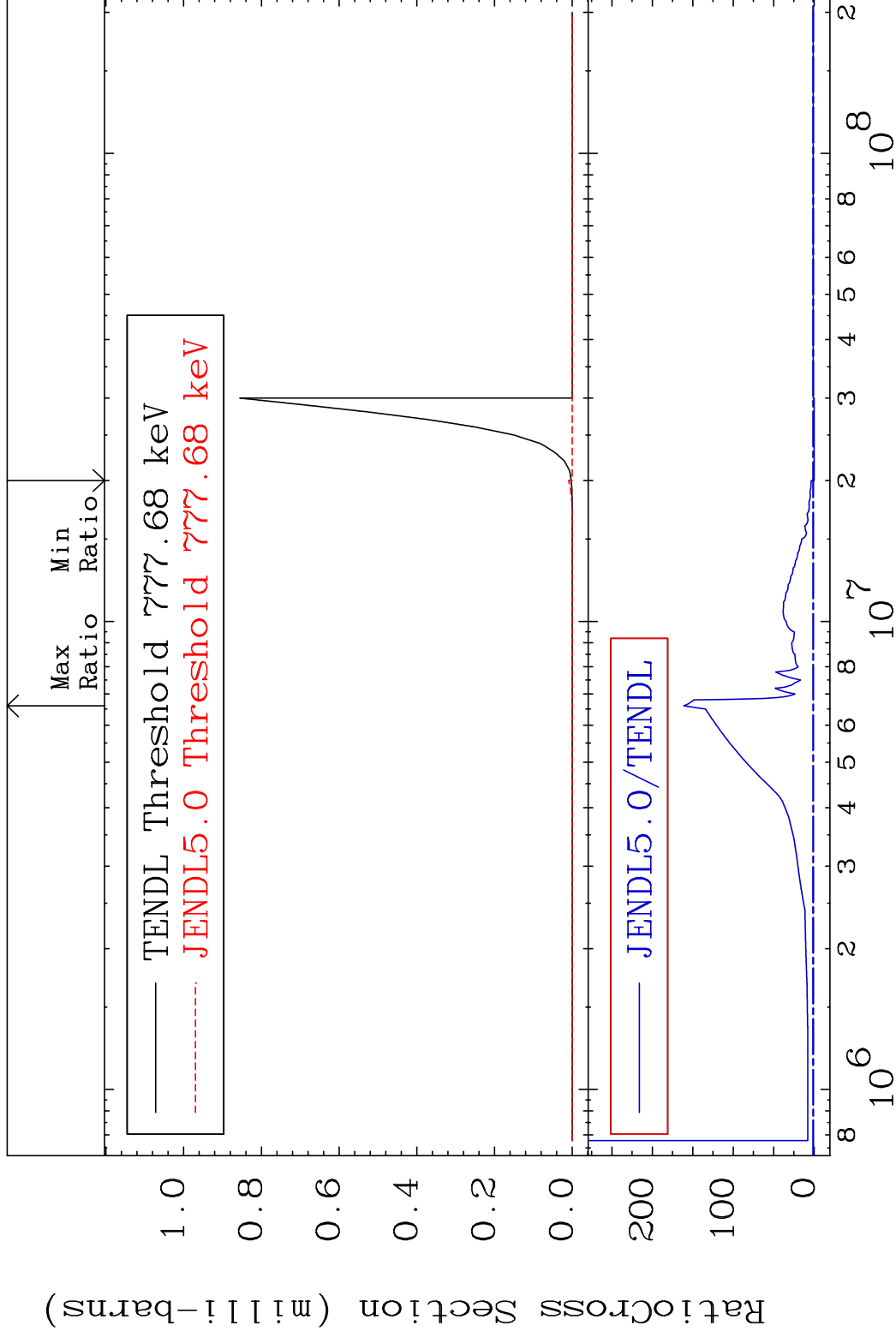


MAT 8434

(n, He-3)

84-Po-209

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

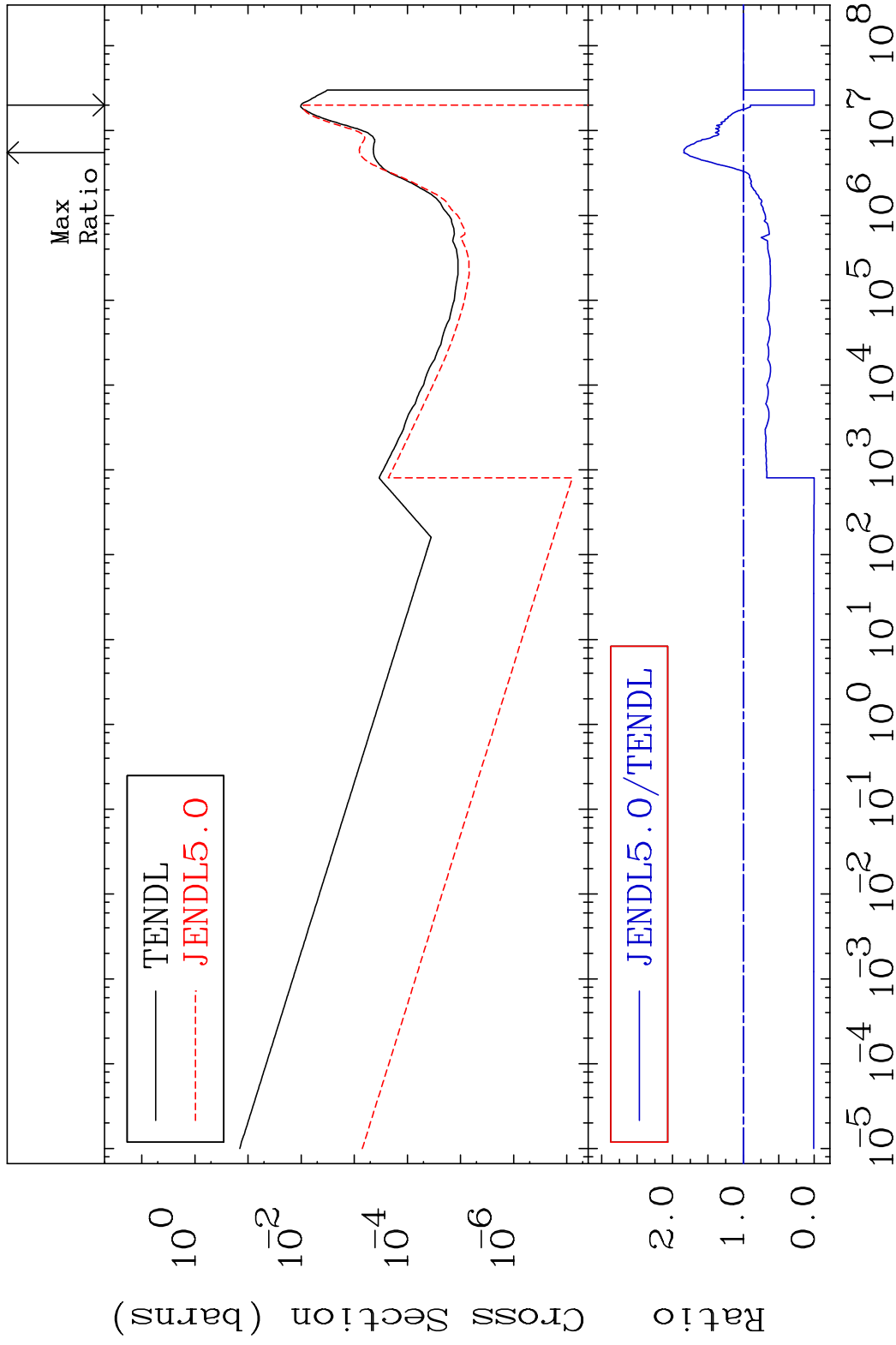
84-Po-209

MAT 8434

(n, α)

84-Po-209

Cross Section -100.0 To 84.29 %

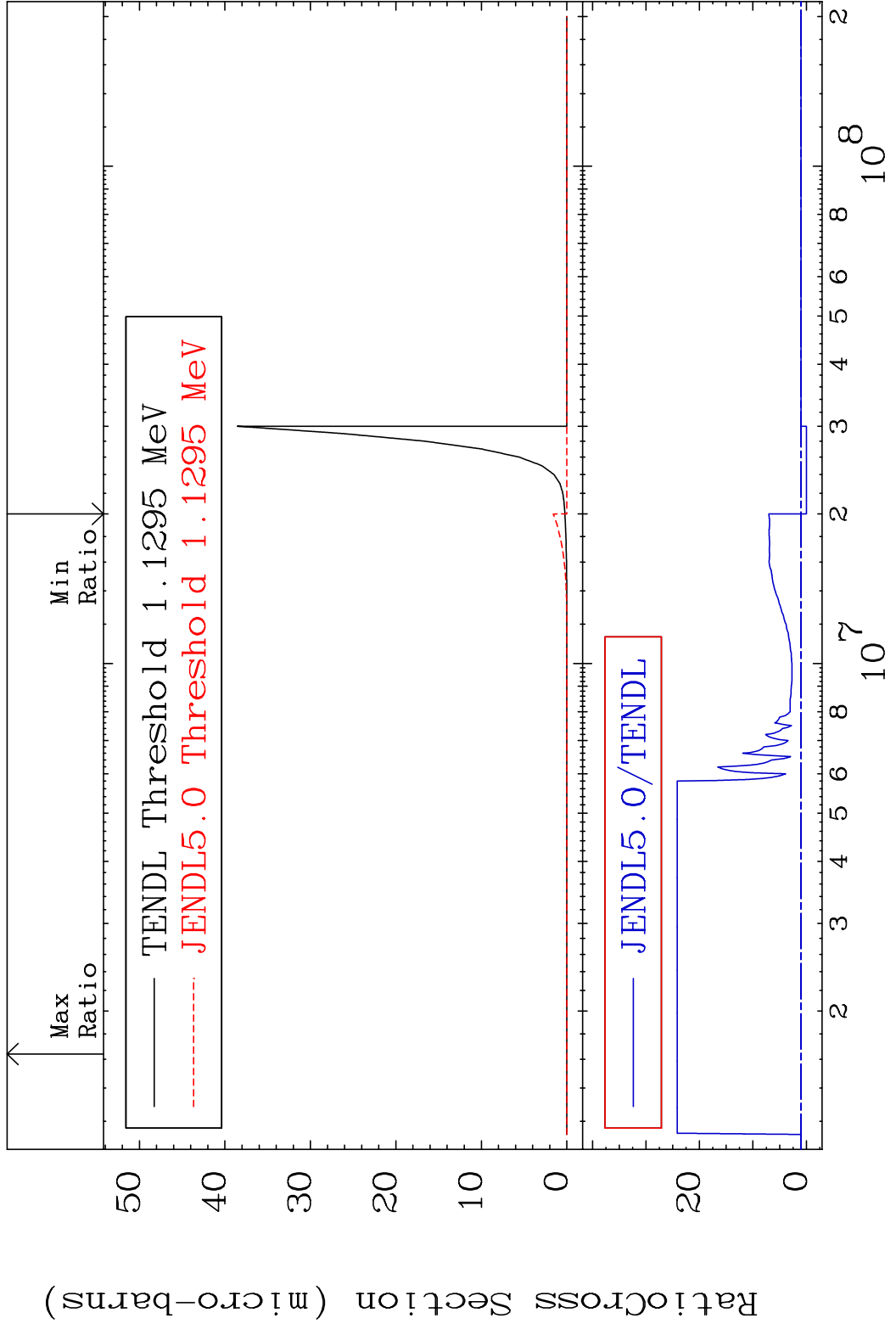


43

Incident Energy (eV)

84-Po-209

MAT 8434 (n,2p) 84-Po-209
 Cross Section -100.0 To 2316. %

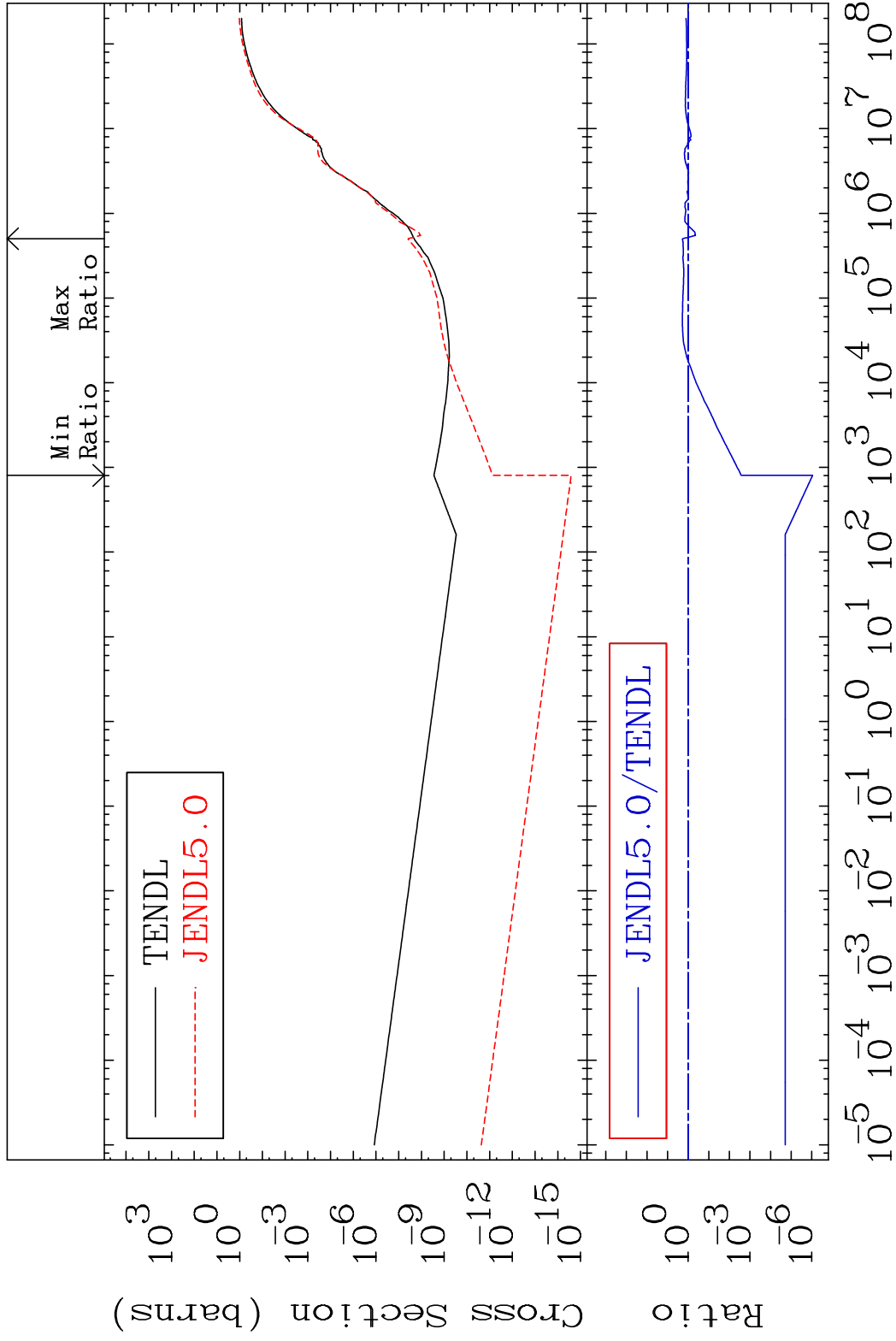


MAT 8434

Hydrogen Production

84-Po-209

Cross Section -100.0 To 91.04 %



45

Incident Energy (eV)

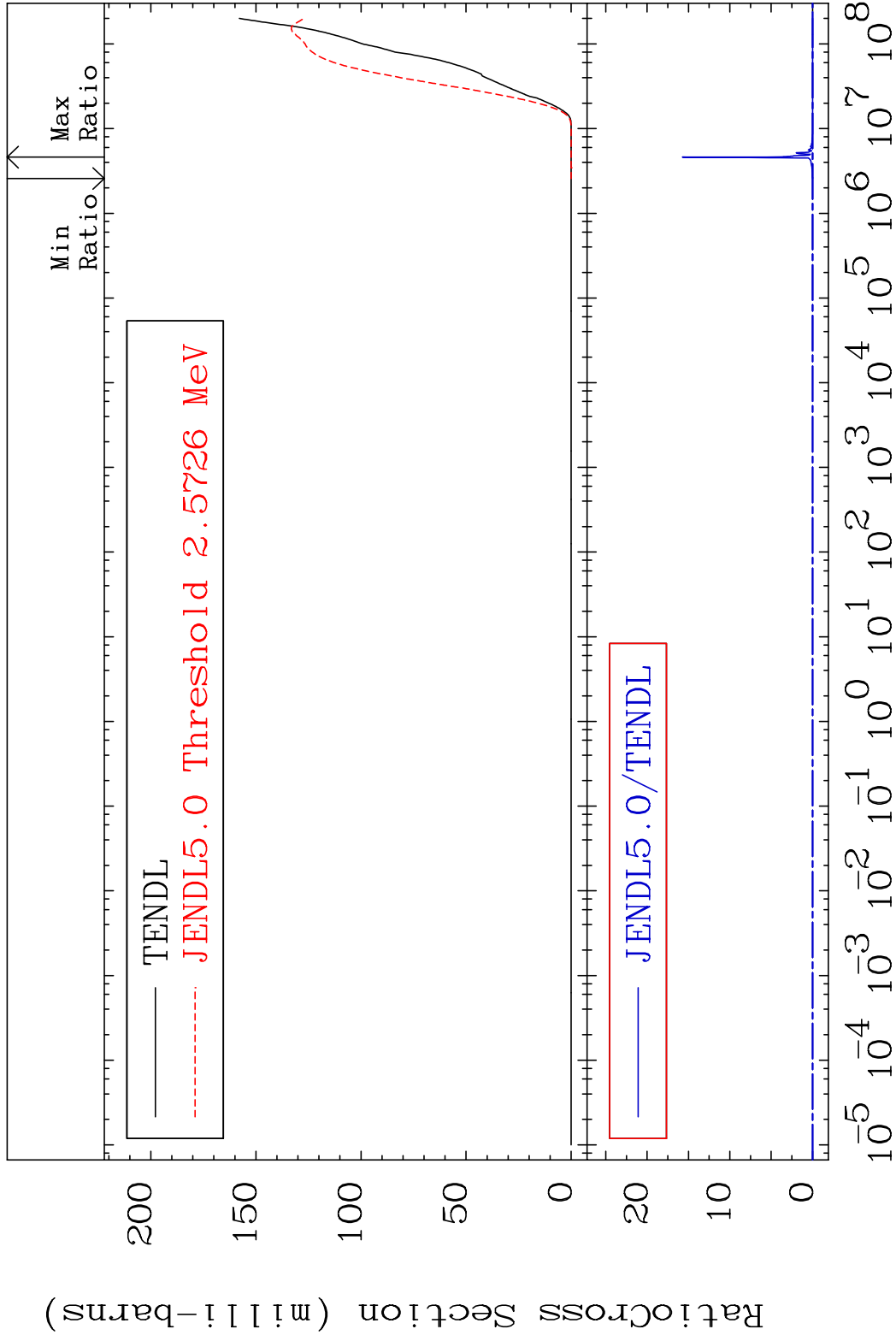
84-Po-209

MAT 8434

Deuterium Production

84-Po-209

Cross Section -100.0 To 9999. %



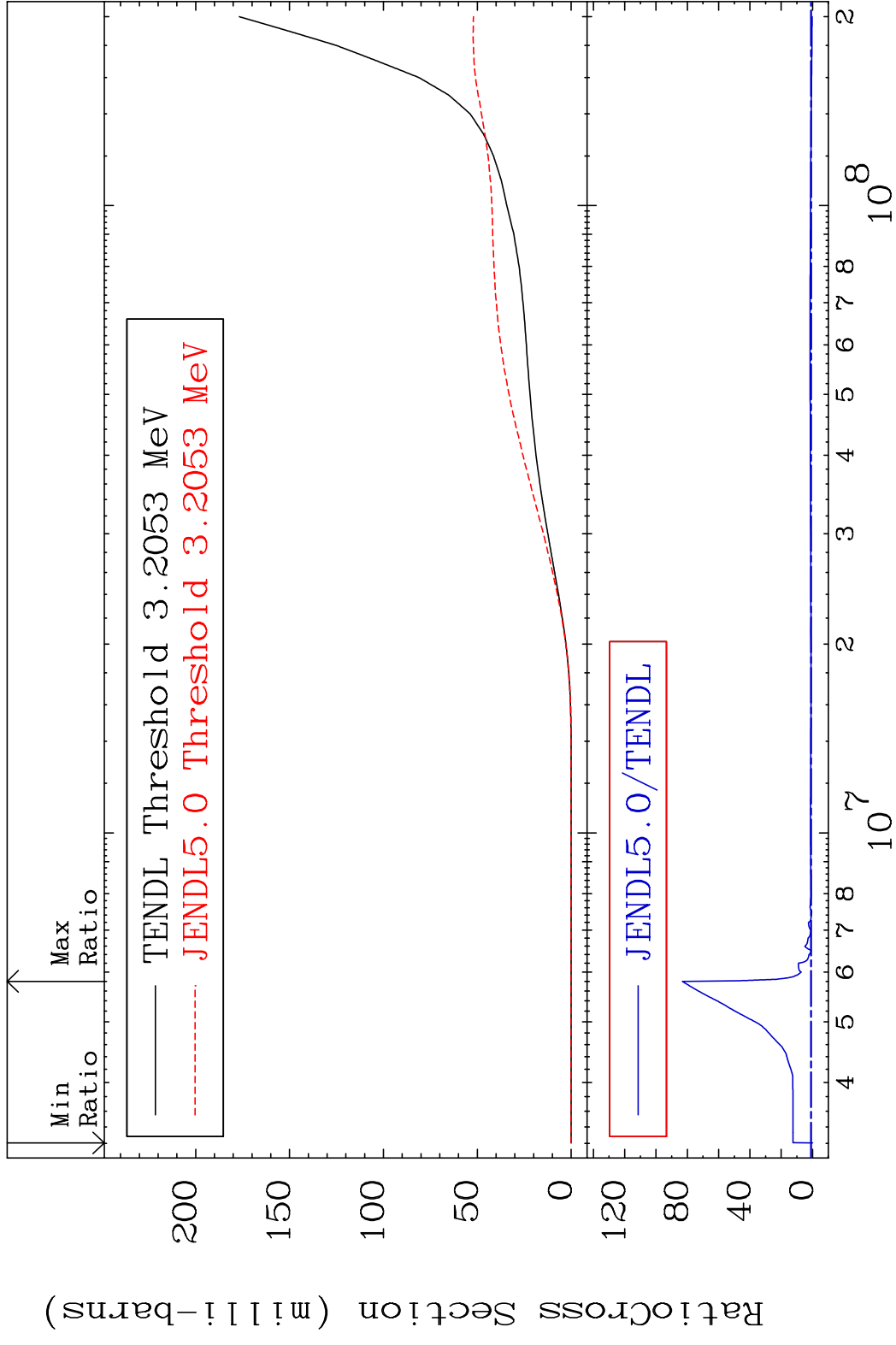
46

Incident Energy (eV)

84-Po-209

MAT 8434

Tritium Production 84-Po-209
Cross Section -100.0 To 8217. %

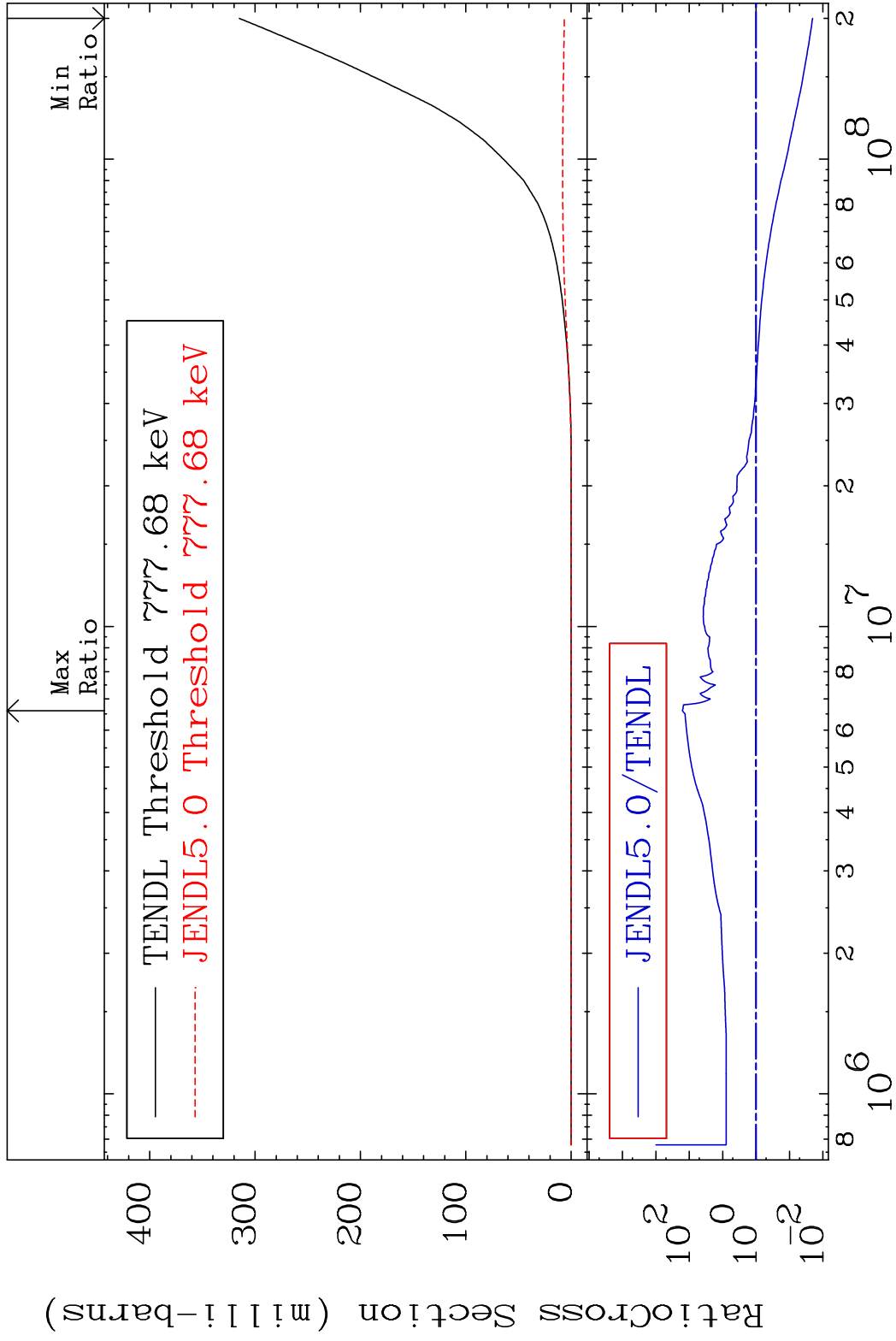


MAT 8434

He-3 Production

84-Po-209

Cross Section -97.96 To 9999. %



48

Incident Energy (eV)

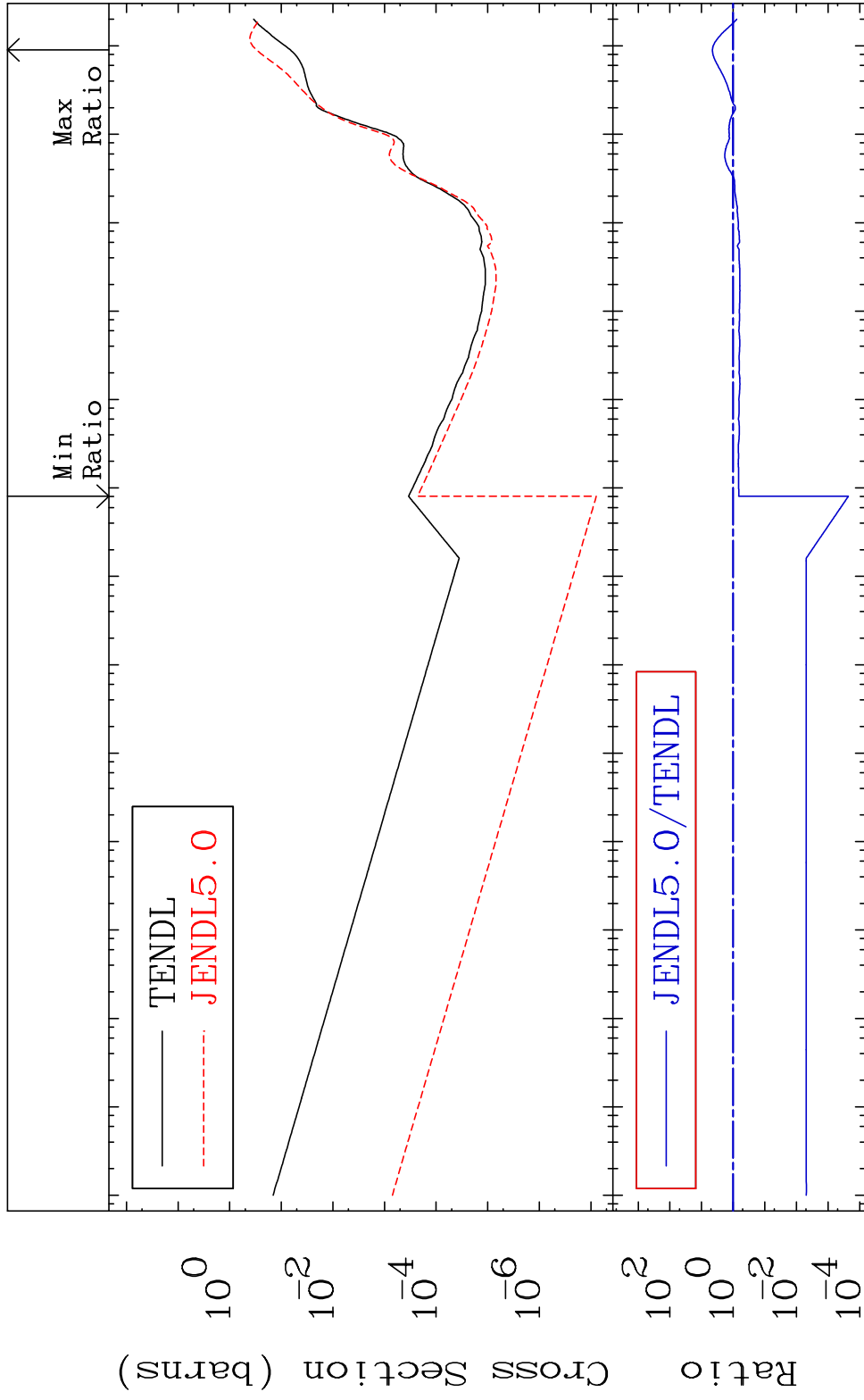
84-Po-209

MAT 8434

He-4 Production

84-Po-209

Cross Section -99.98 To 355.4 %

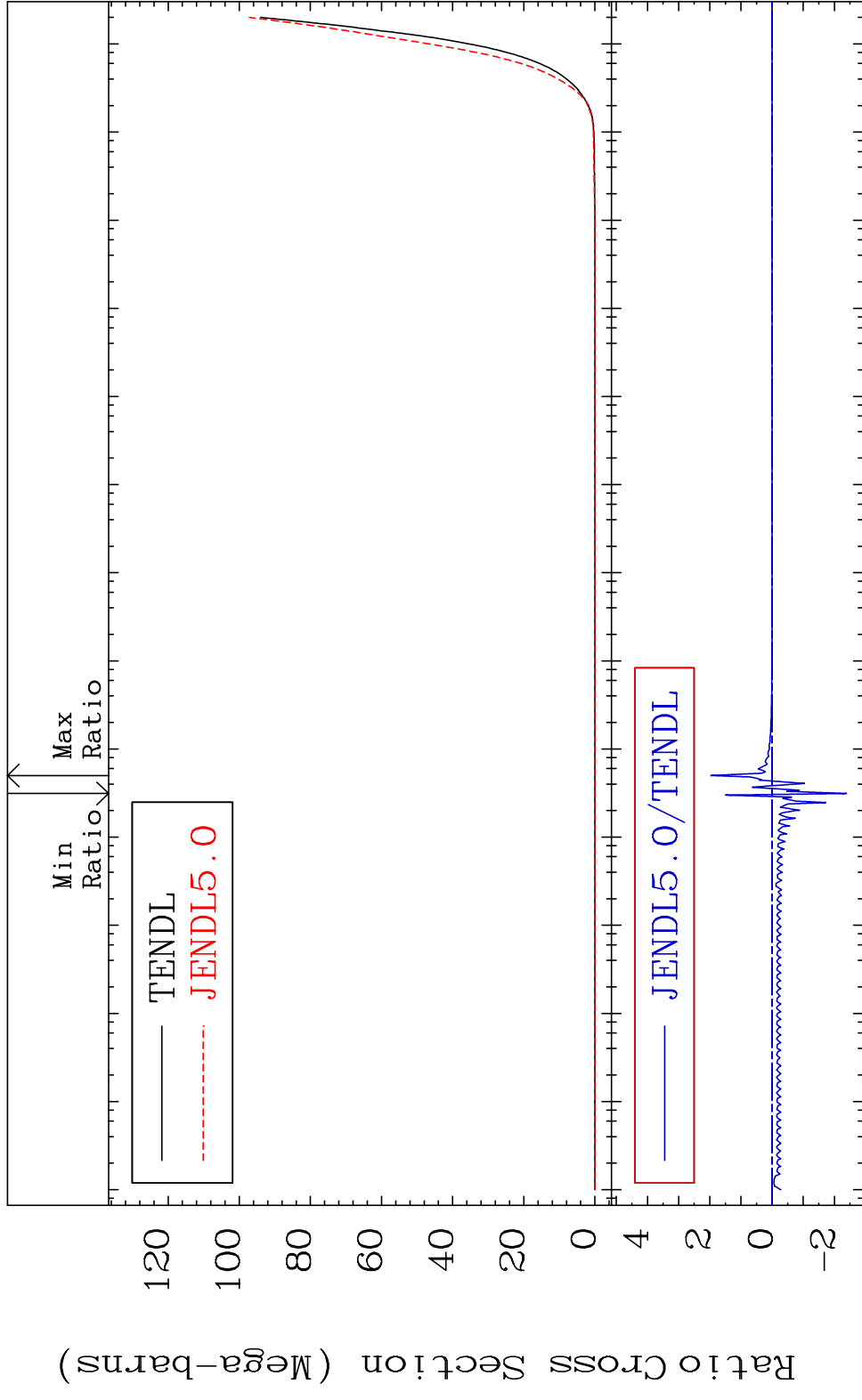


49

Incident Energy (eV)

84-Po-209

MAT 8434 Kerma total (eV-barns) 84-Po-209
 Cross Section -9999. To 9999. %



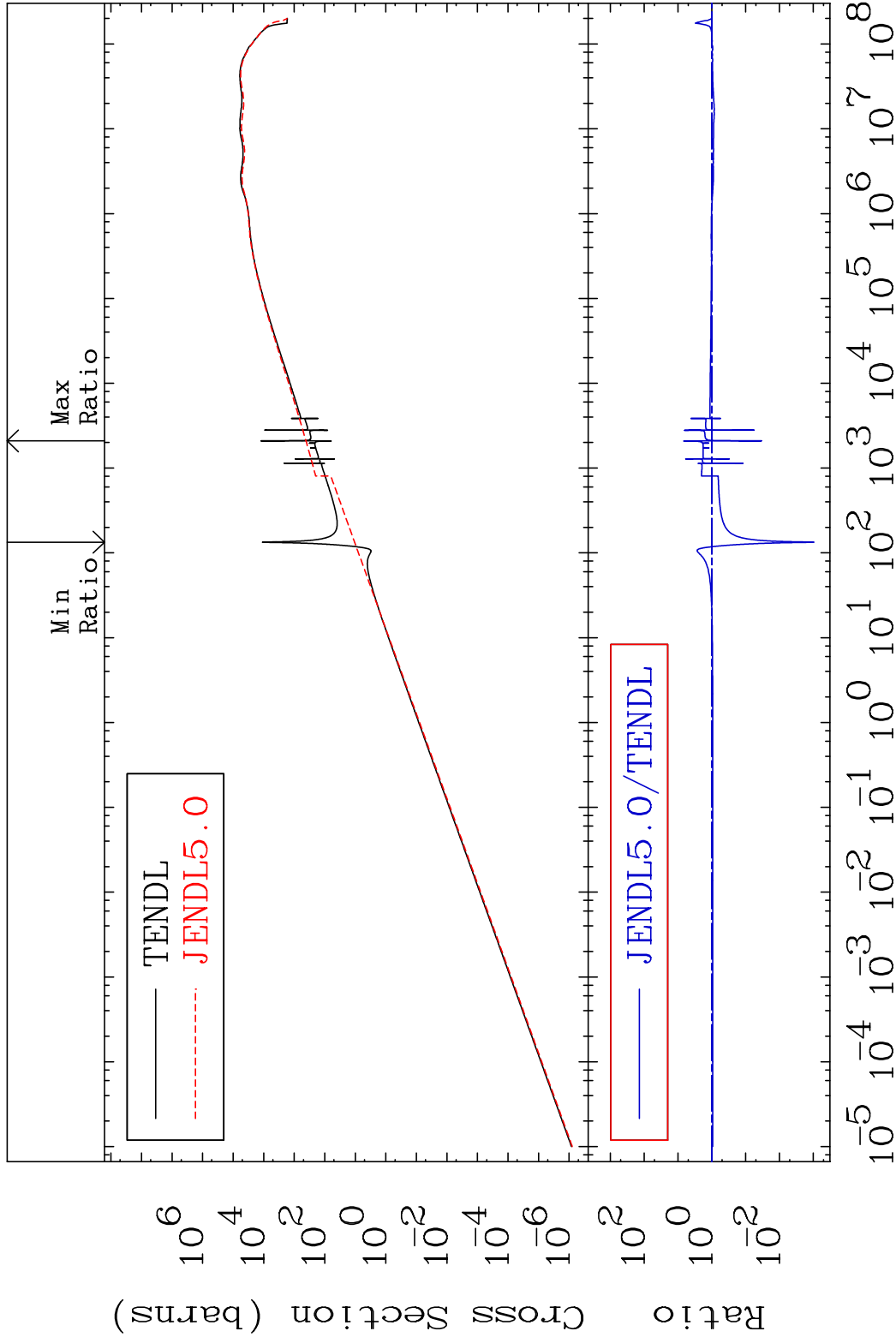
50 84-Po-209

MAT 8434

Kerma elastic

84-Po-209

Cross Section -99.91 To 580.8 %

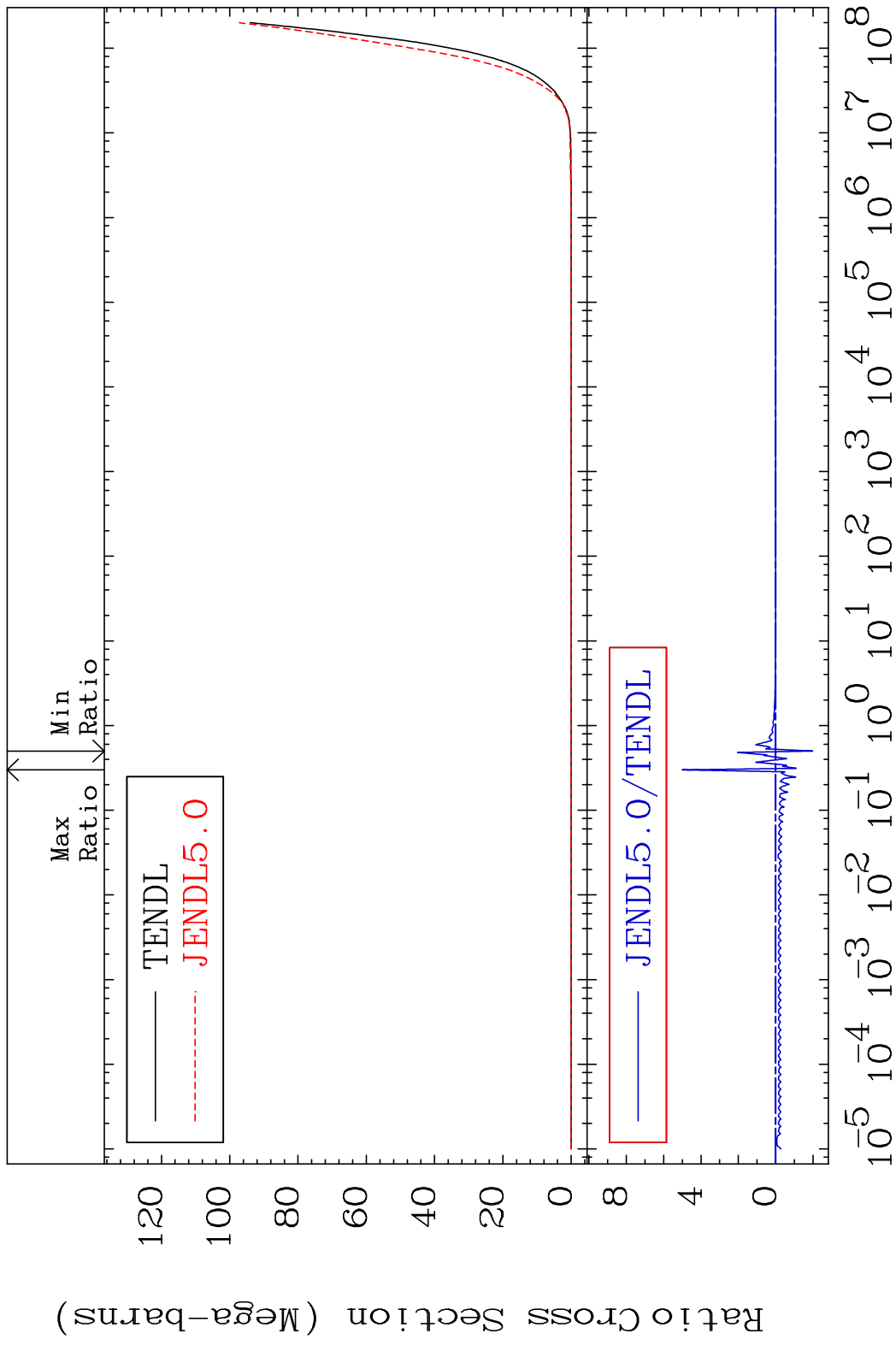


51

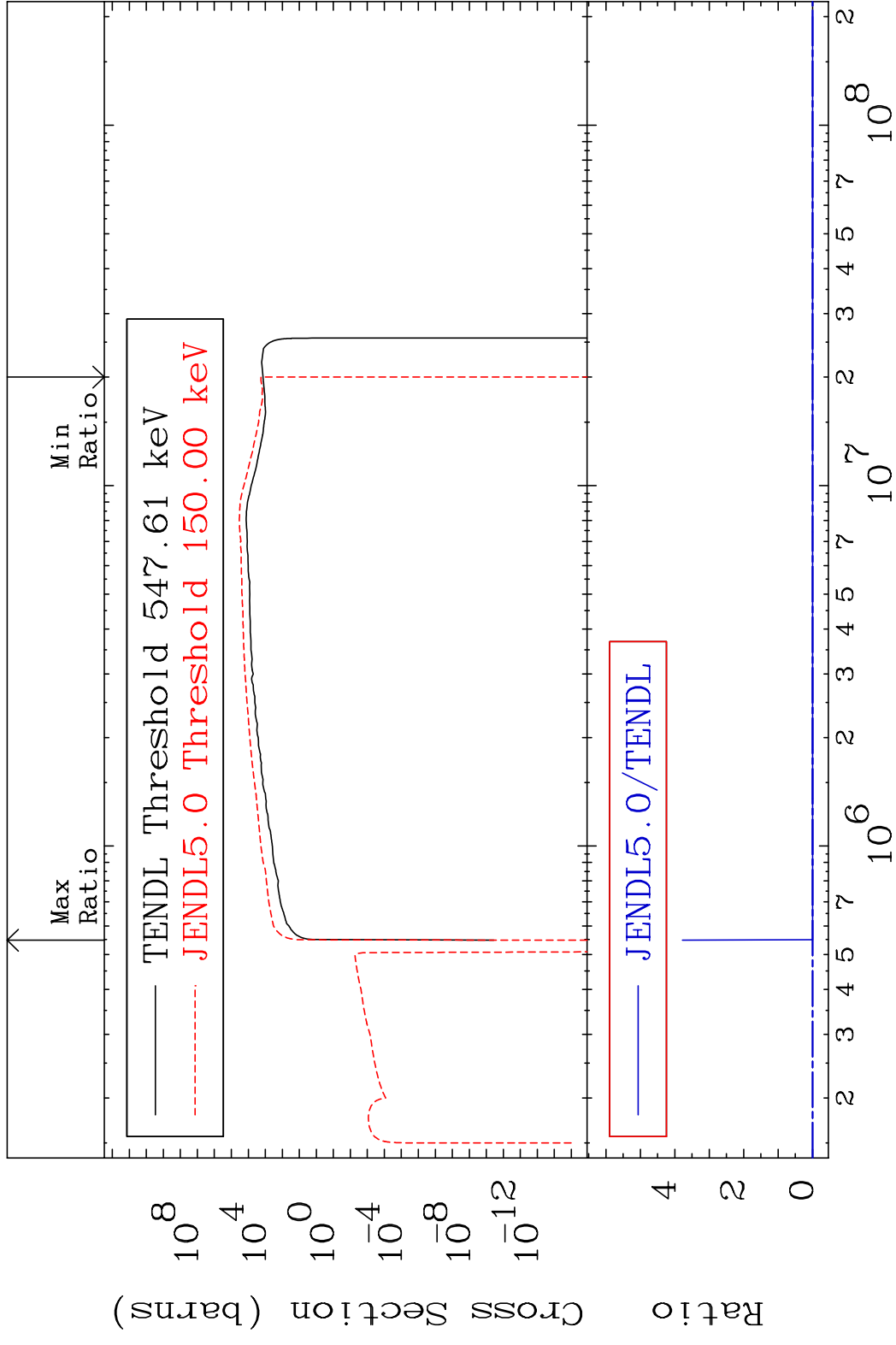
Incident Energy (eV)

84-Po-209

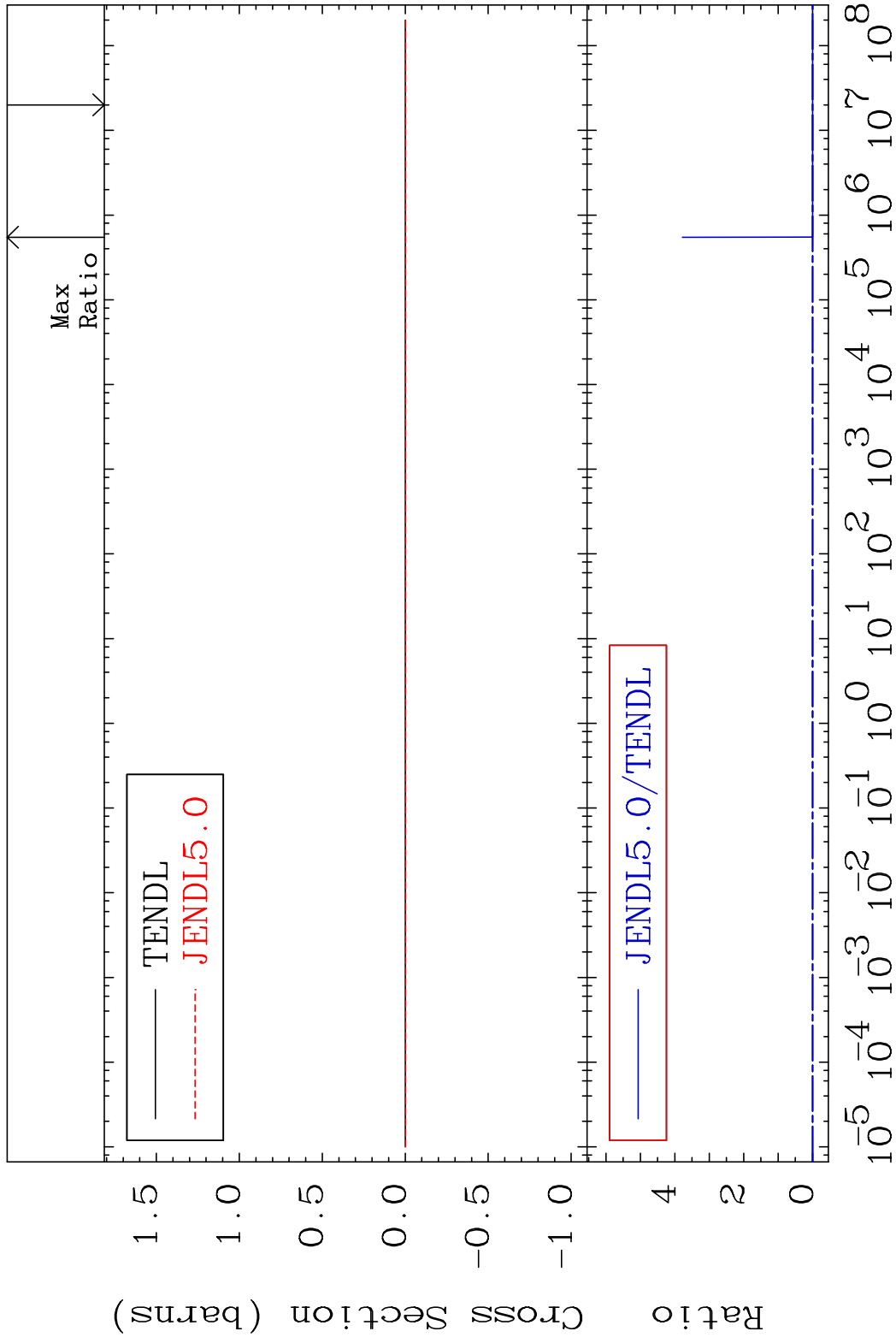
MAT 8434 Kerma non-elastic (all but mt2) 84-Po-209
 Cross Section -9999. To 9999. %



MAT 8434 Kerma inelastic (mt51-91) 84-Po-209
 Cross Section -100.0 To 9999. %

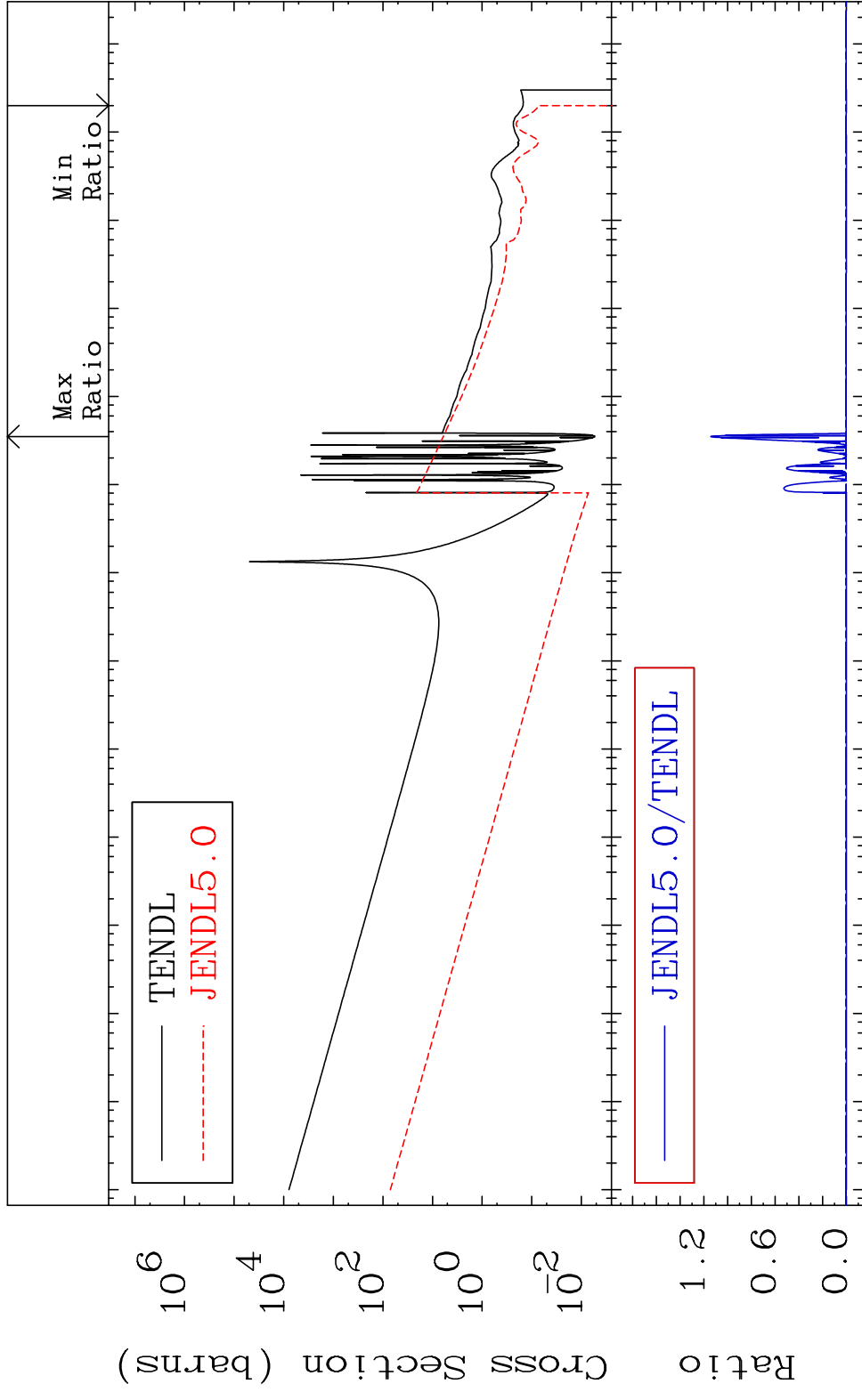


MAT 8434 Kerma fission (mt18 or mt19-20-21-38) 84-Po-209
 Cross Section -100.0 To 9999. %

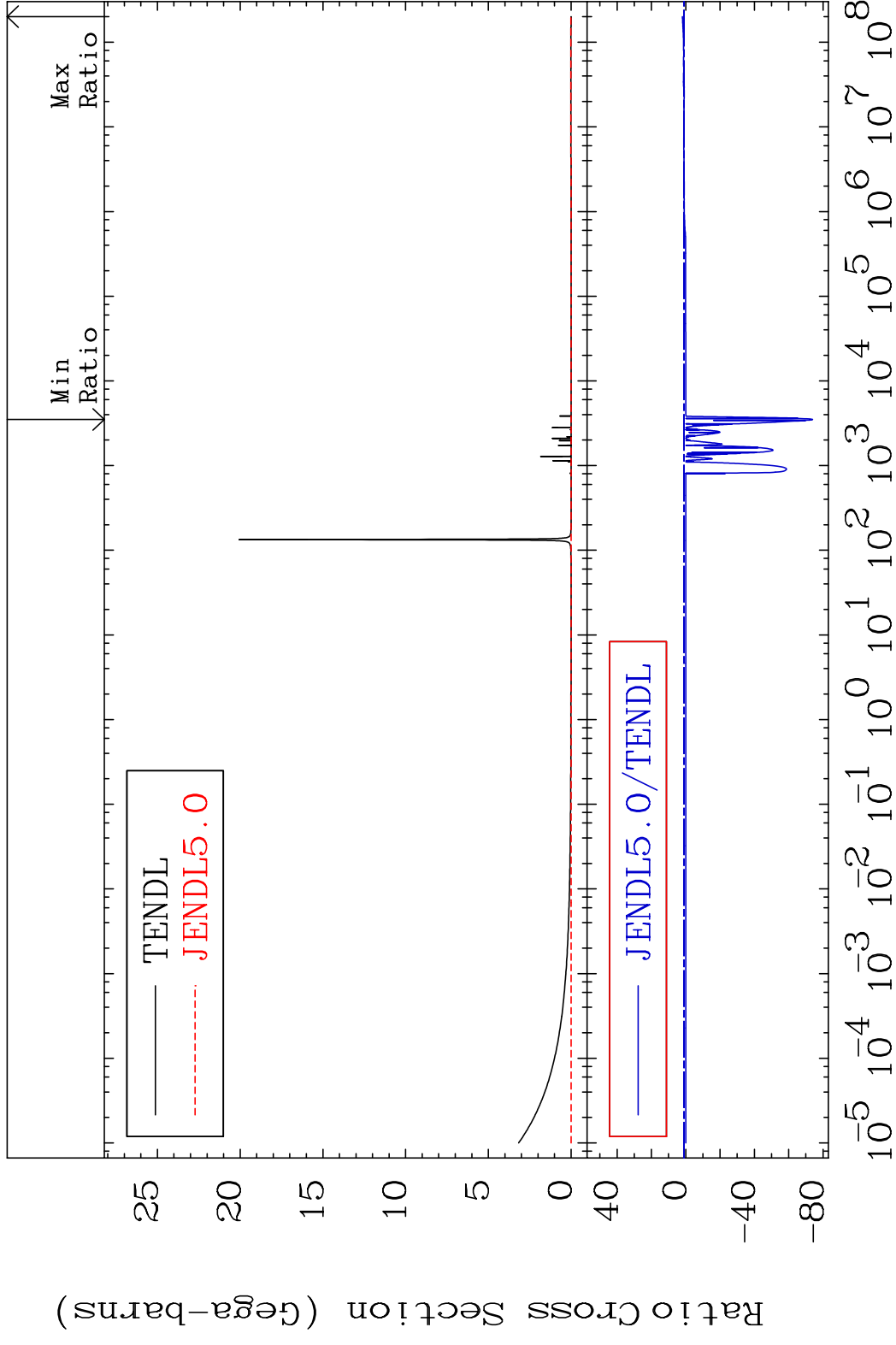


MAT 8434

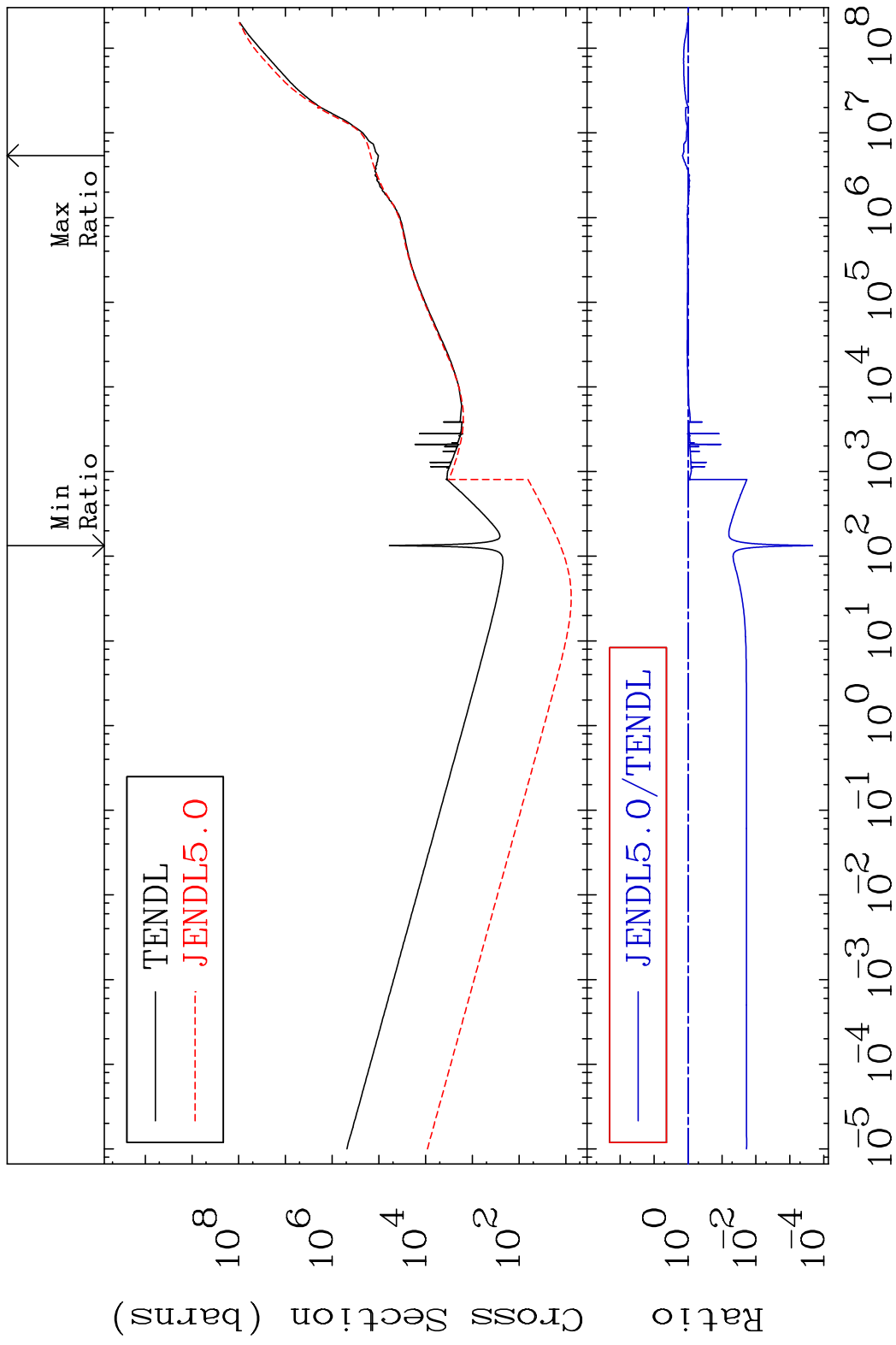
Kerma capture (mt102) 84-Po-209
Cross Section -100.0 To 9999. %



MAT 8434 Total photon (eV-barns) 84-Po-209
Cross Section -7492. To 96.65 %



MAT 8434 Total kinematic kerma (high limit) 84-Po-209
 Cross Section -99.98 To 46.89 %

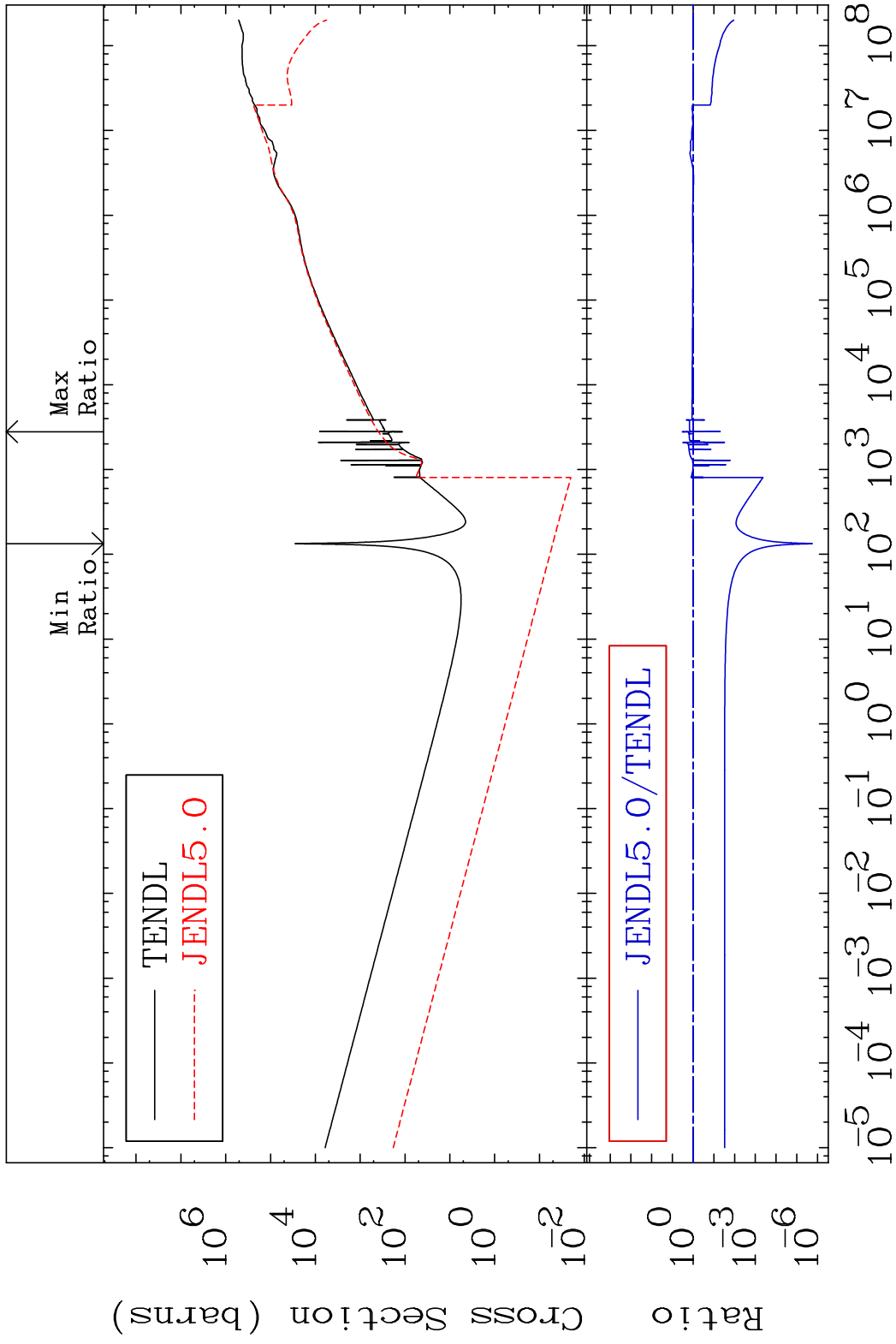


MAT 8434

Dpa total (eV-barns)

84-Po-209

Cross Section -100.0 To 237.7 %



58

Incident Energy (eV)

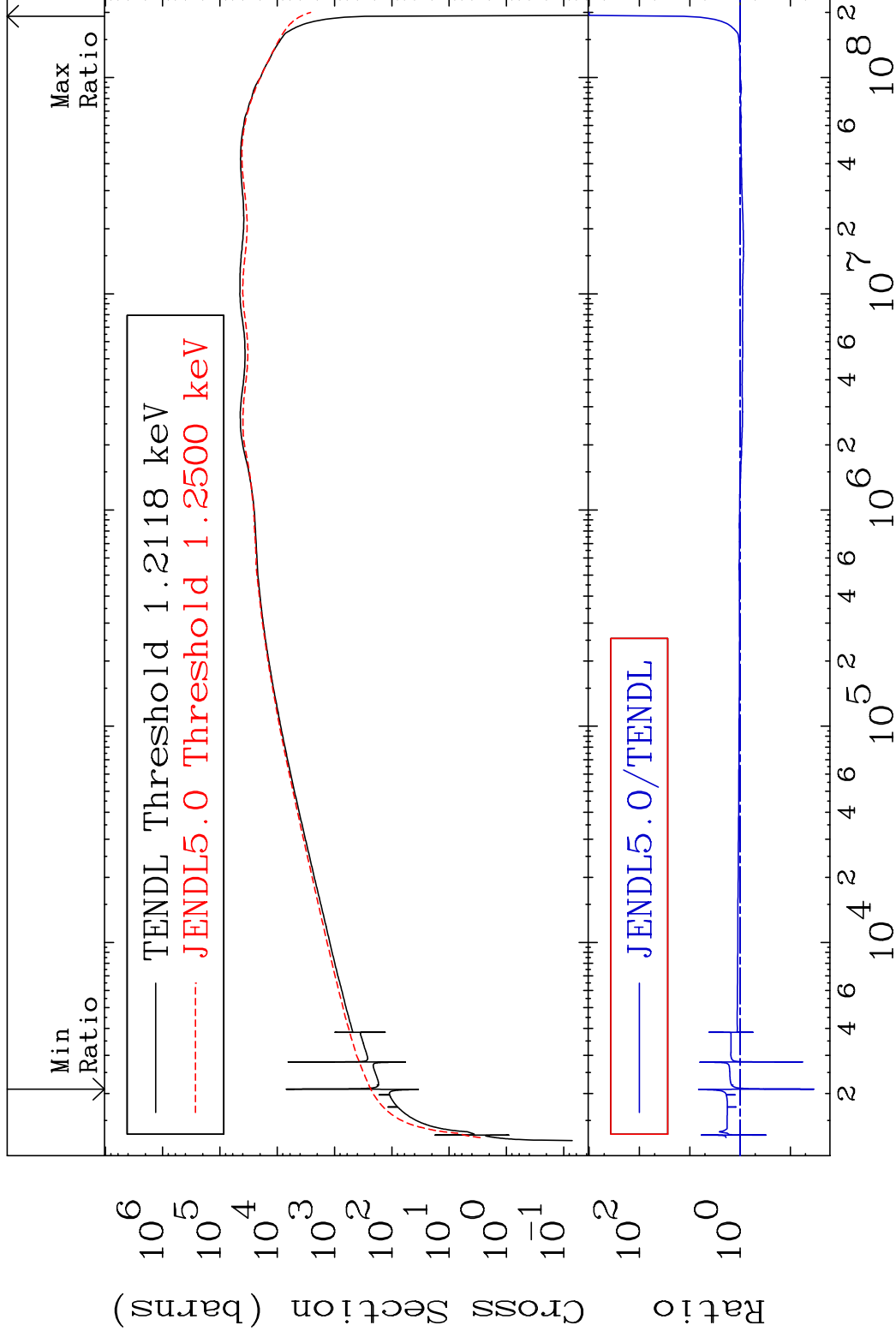
84-Po-209

MAT 8434

Dpa elastic (mt2)

84-Po-209

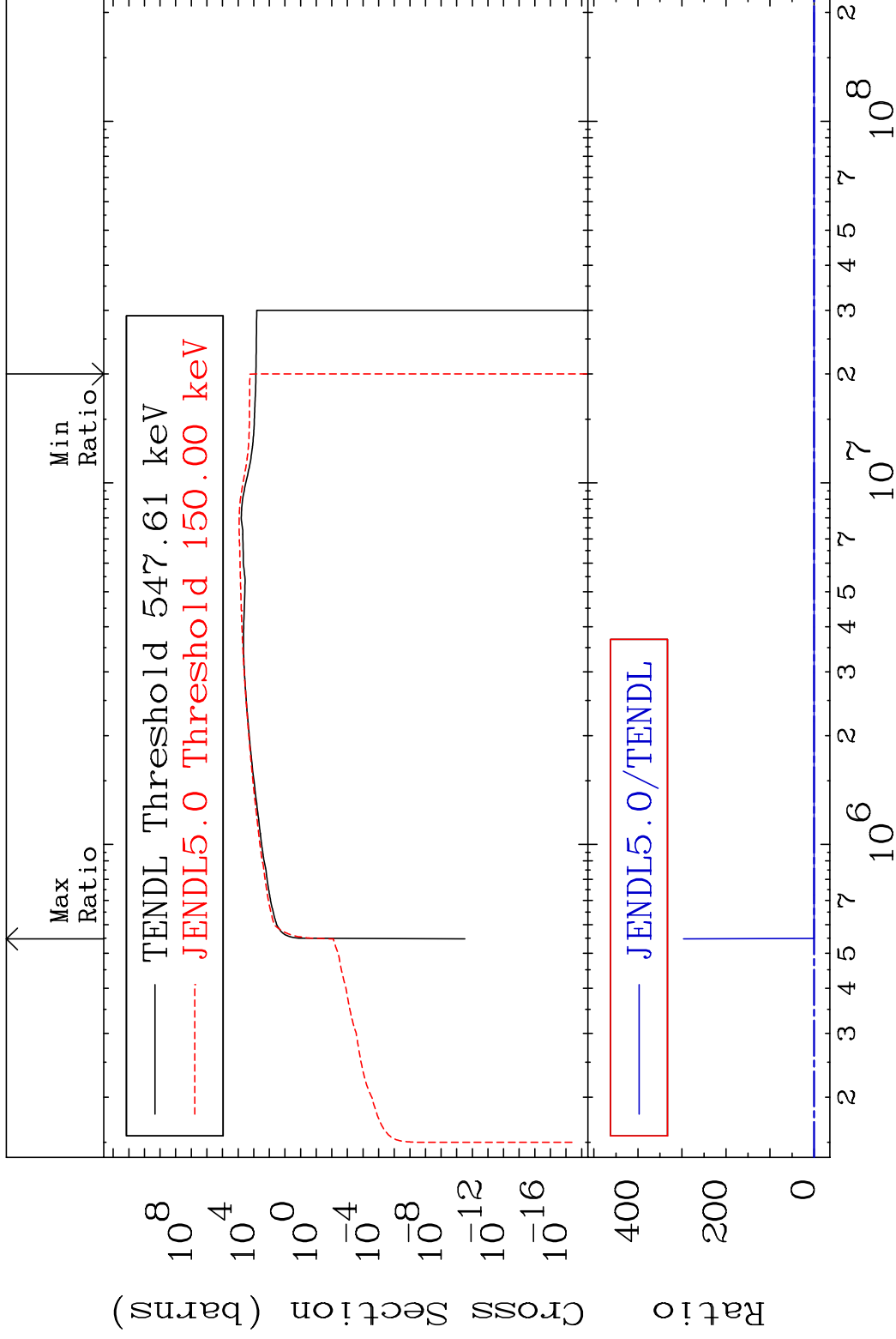
Cross Section -96.62 To 1223. %



MAT 8434

Dpa inelastic (mt51-91) 84-Po-209

Cross Section -100.0 To 9999. %

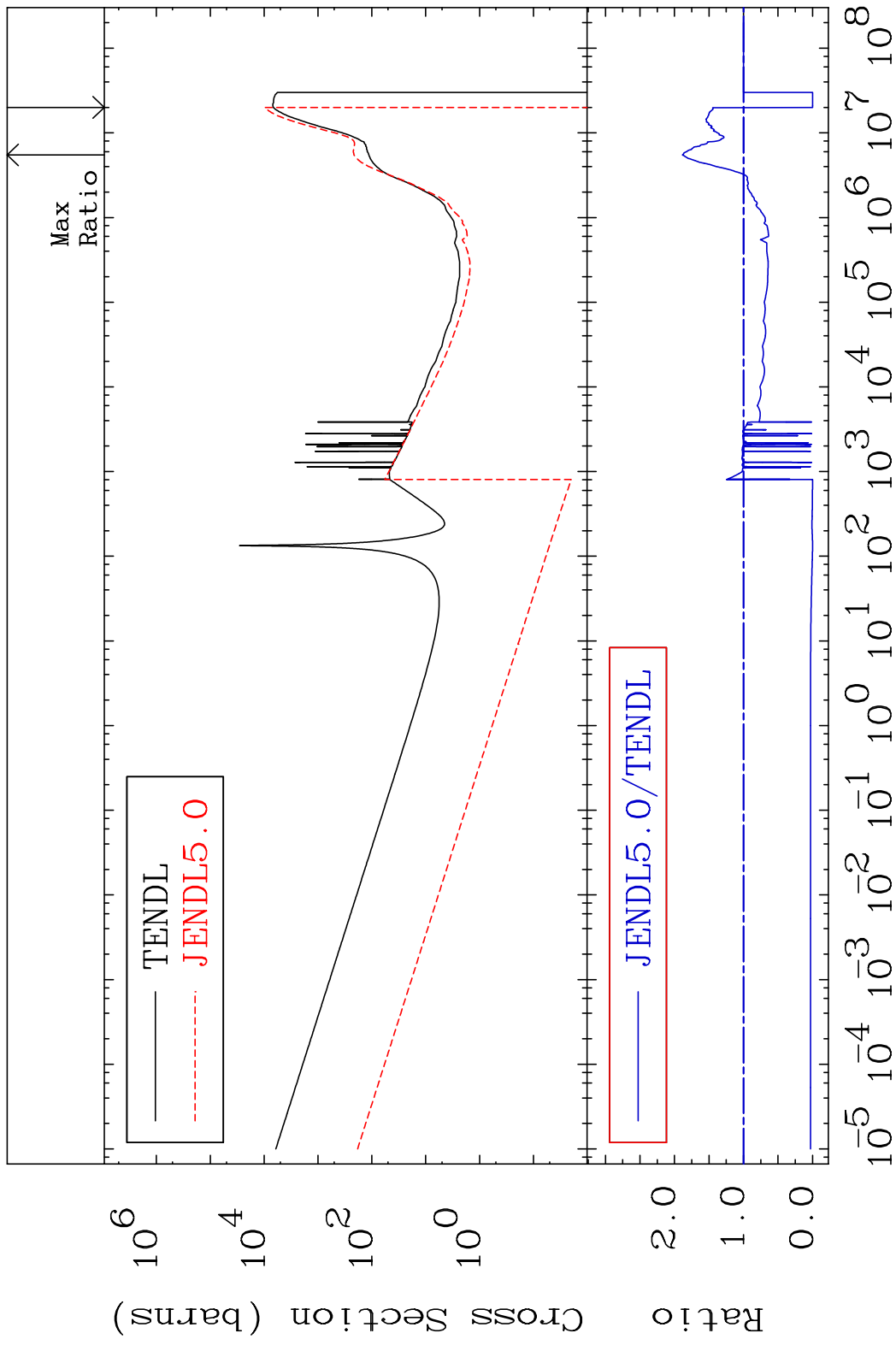


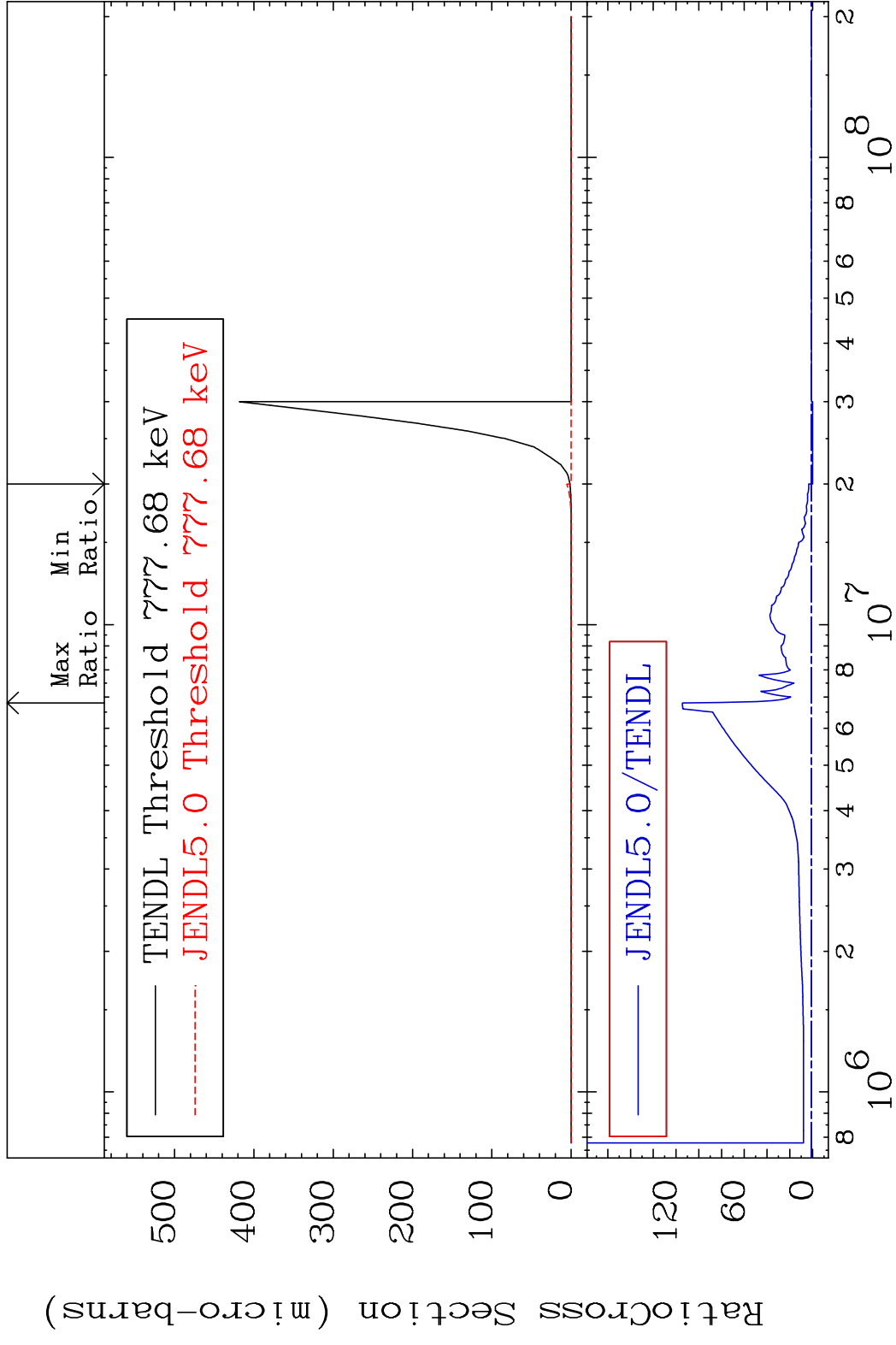
60

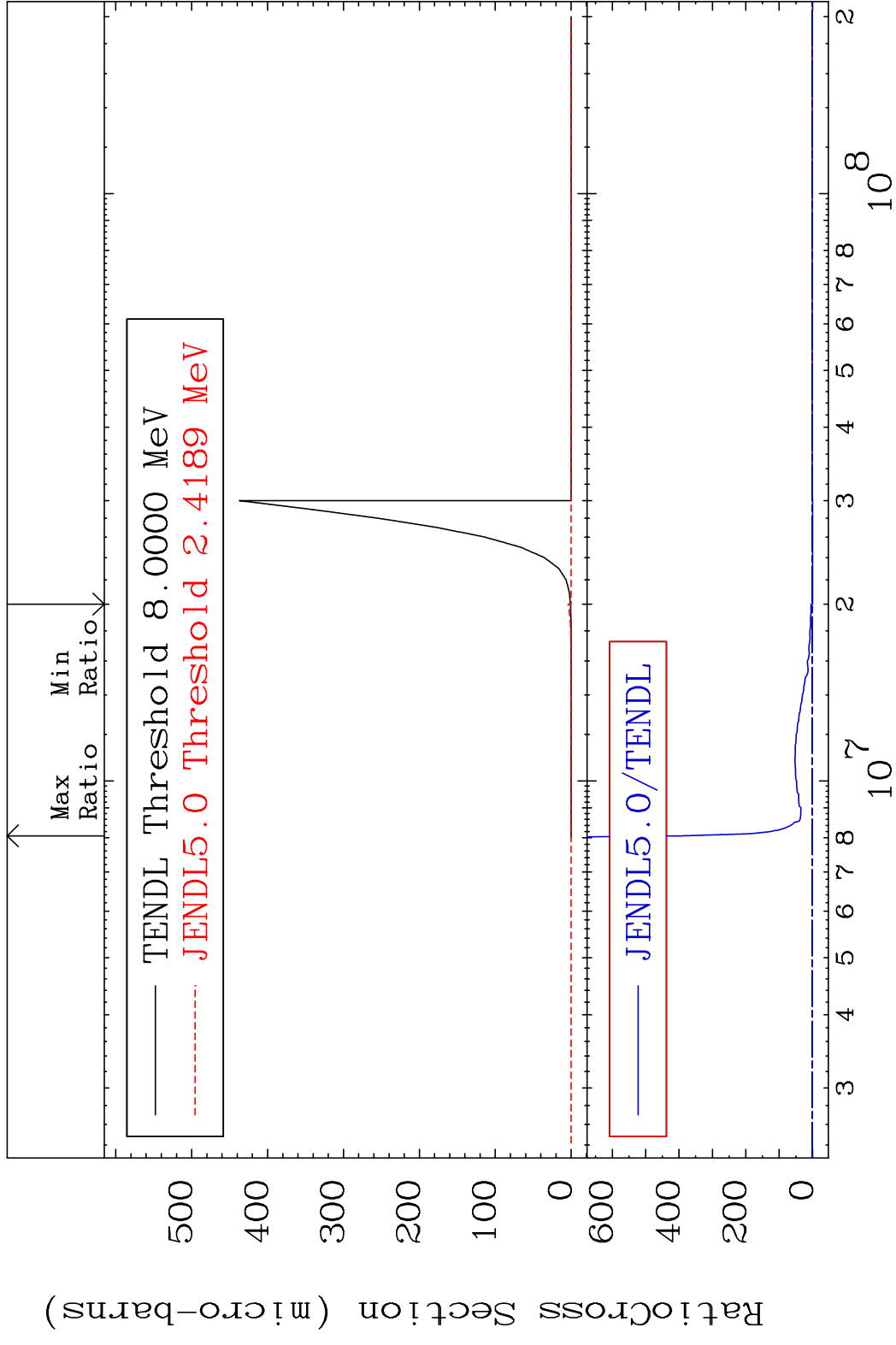
Incident Energy (eV)

84-Po-209

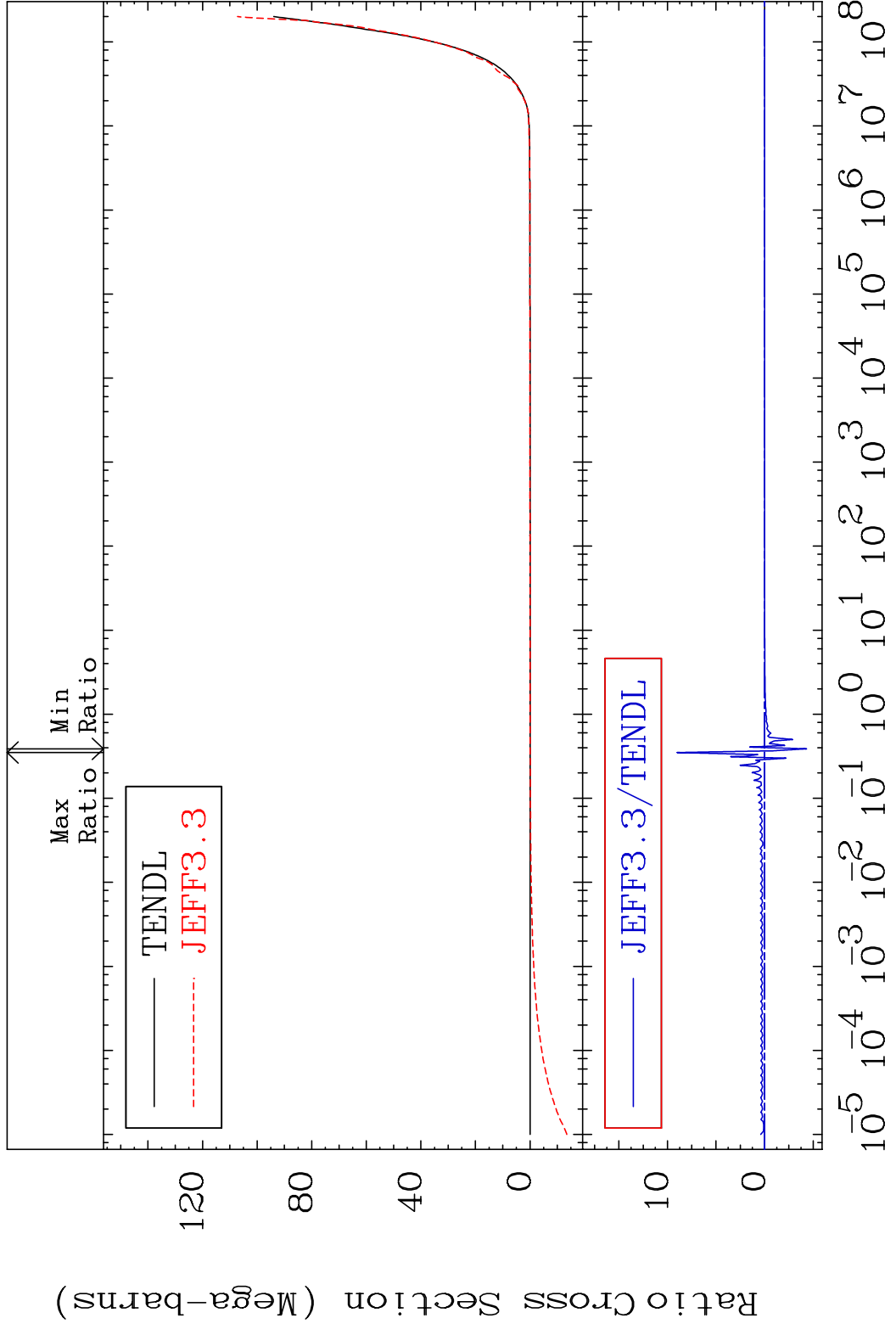
MAT 8434 Dpa disappearance (mt102 -120) 84-Po-209
 Cross Section -100.0 To 88.62 %







MAT 8434 Kerma total (eV-barns) 84-Po-209
 Cross Section -9999. To 9999. %

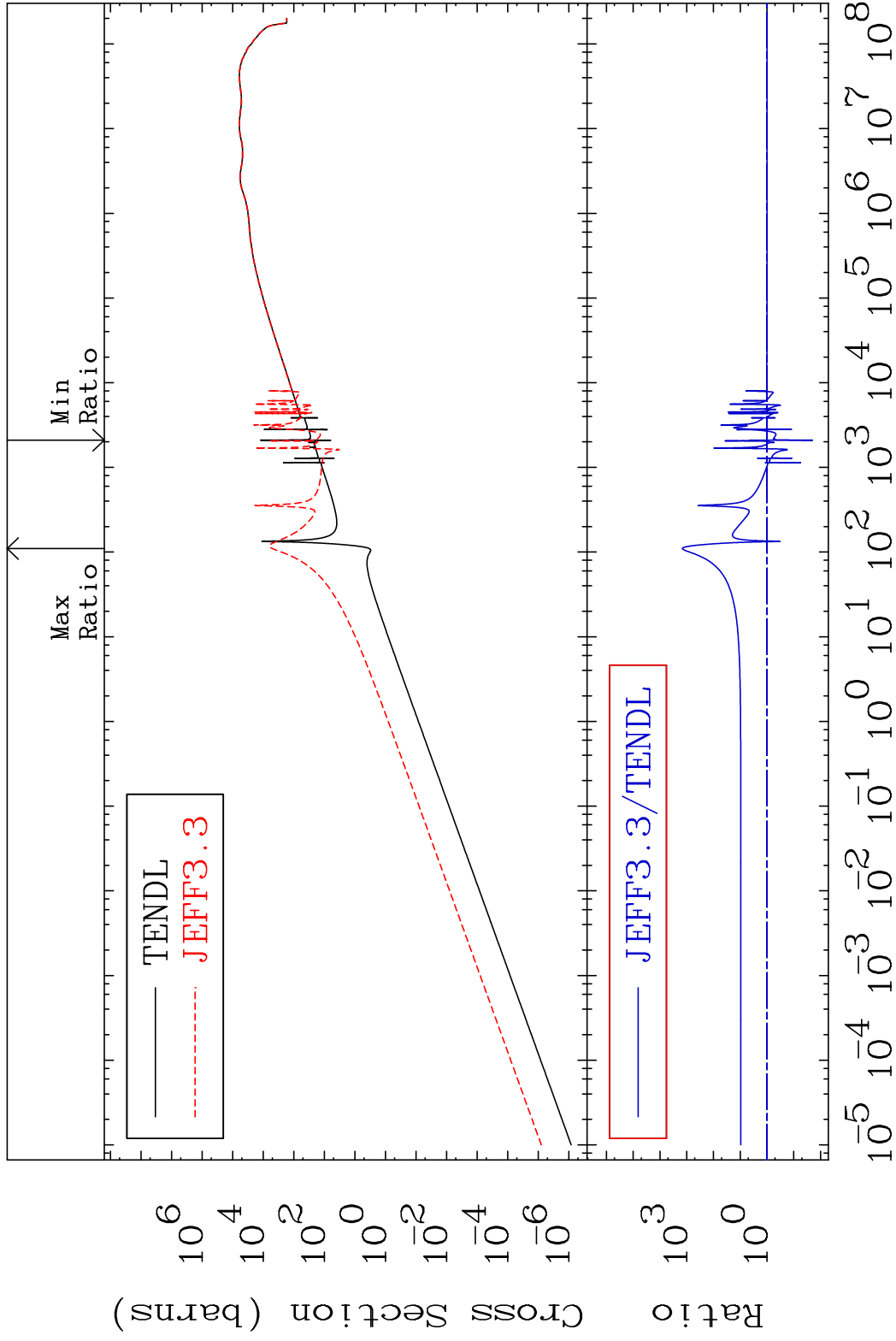


MAT 8434

Kerma elastic

84-Po-209

Cross Section -98.02 To 9999. %

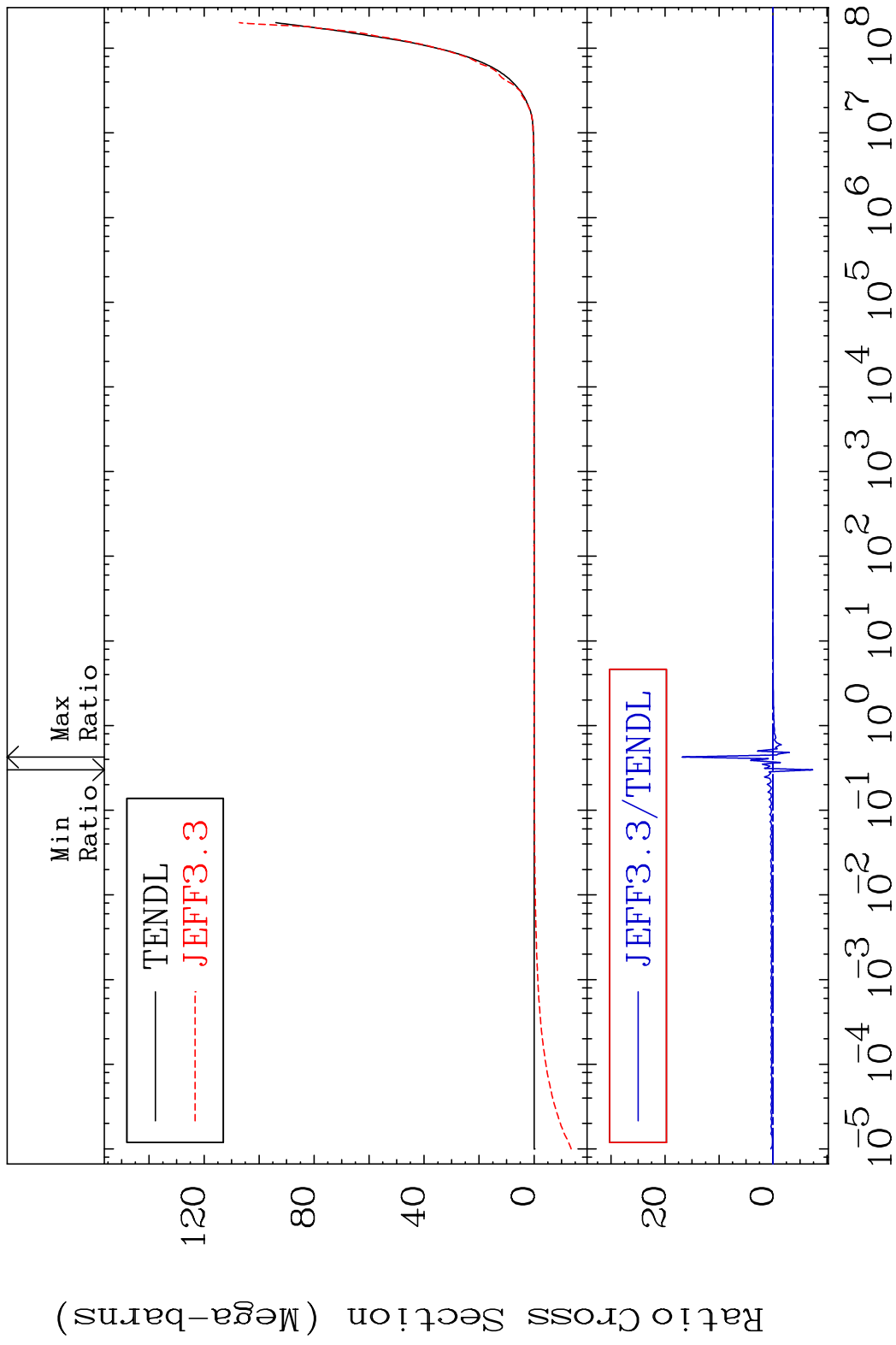


65

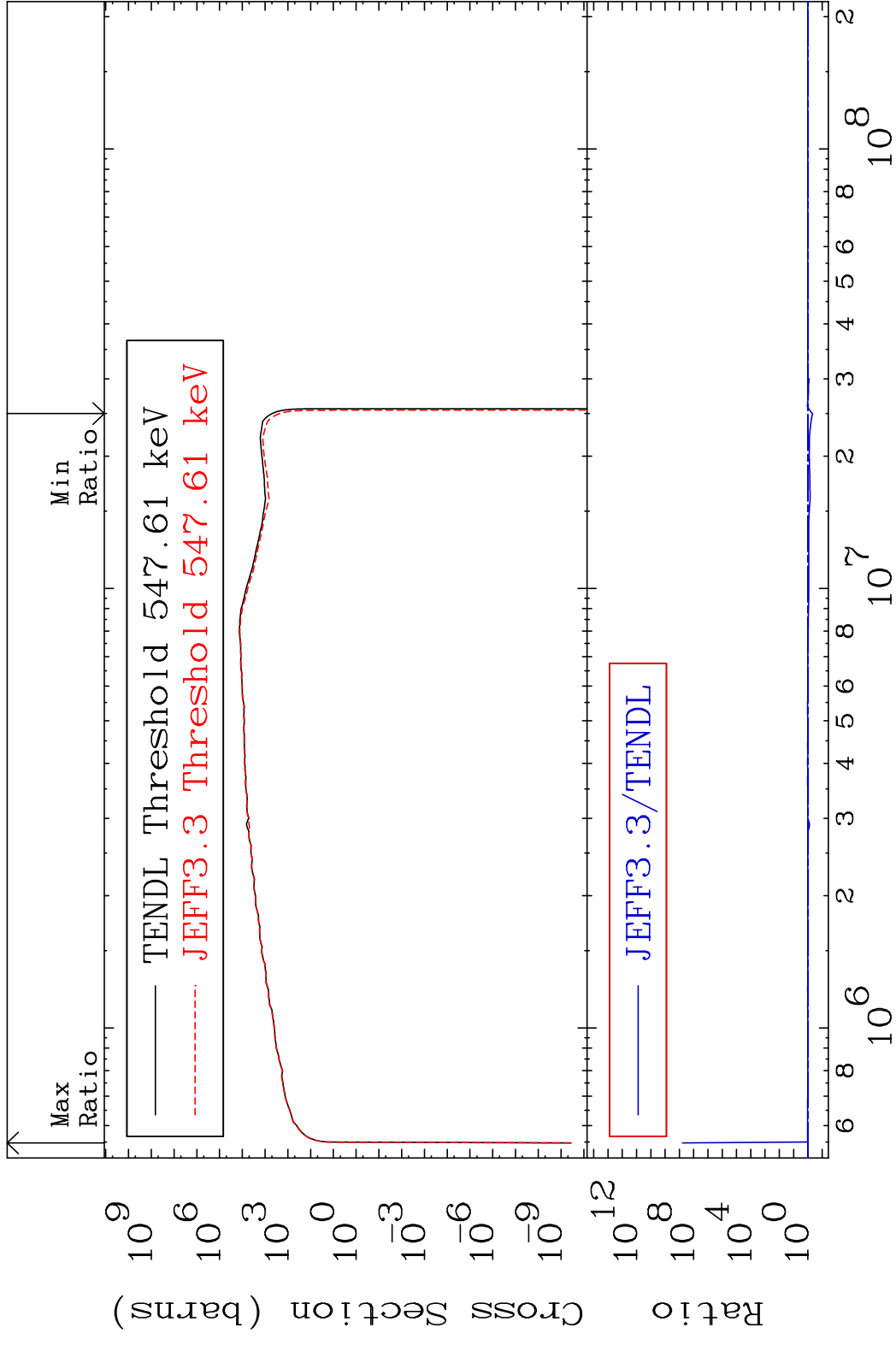
Incident Energy (eV)

84-Po-209

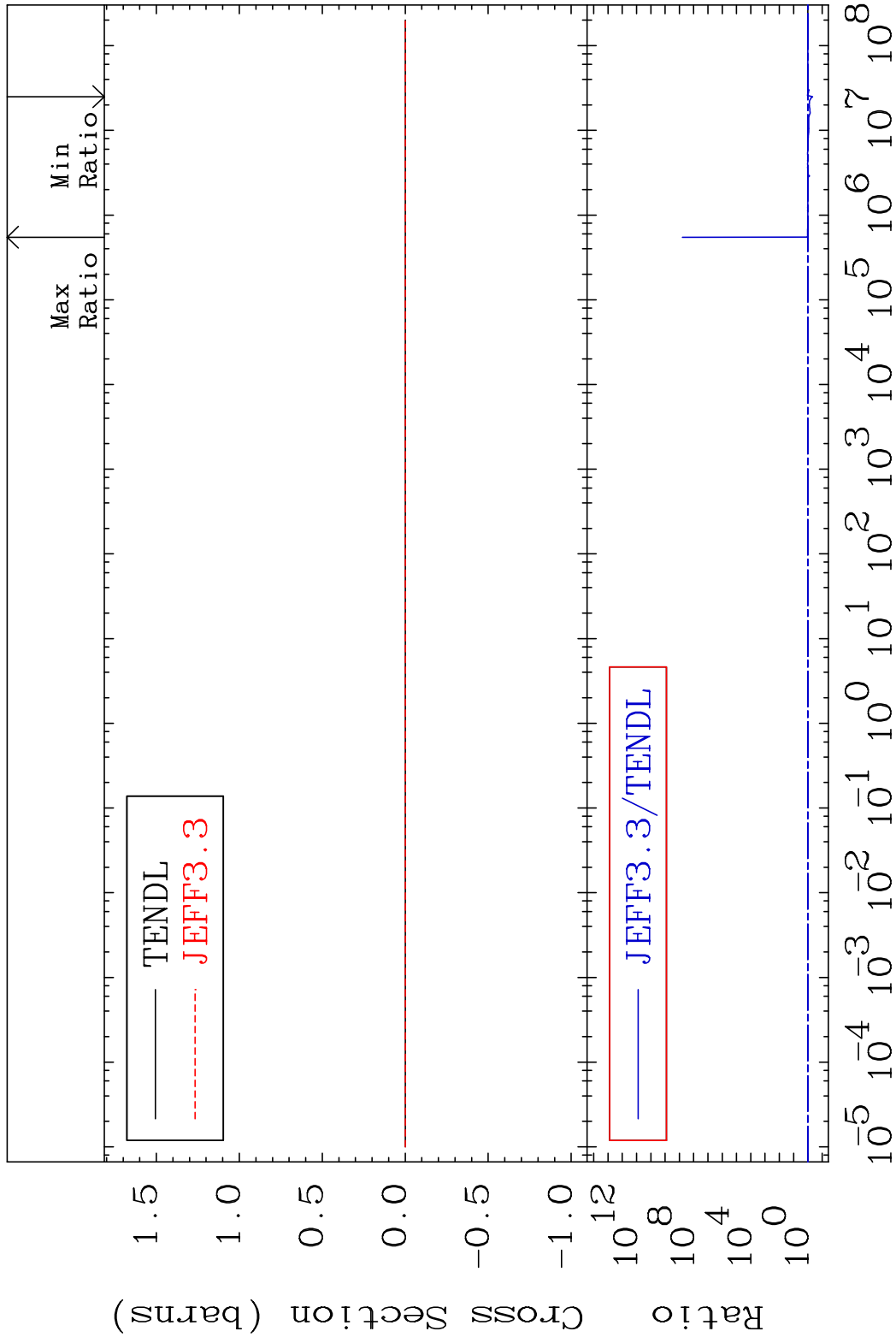
MAT 8434 Kerma non-elastic (all but mt2) 84-Po-209
 Cross Section -9999. To 9999. %



MAT 8434 Kerma inelastic (mt51-91) 84-Po-209
 Cross Section -53.17 To 9999. %



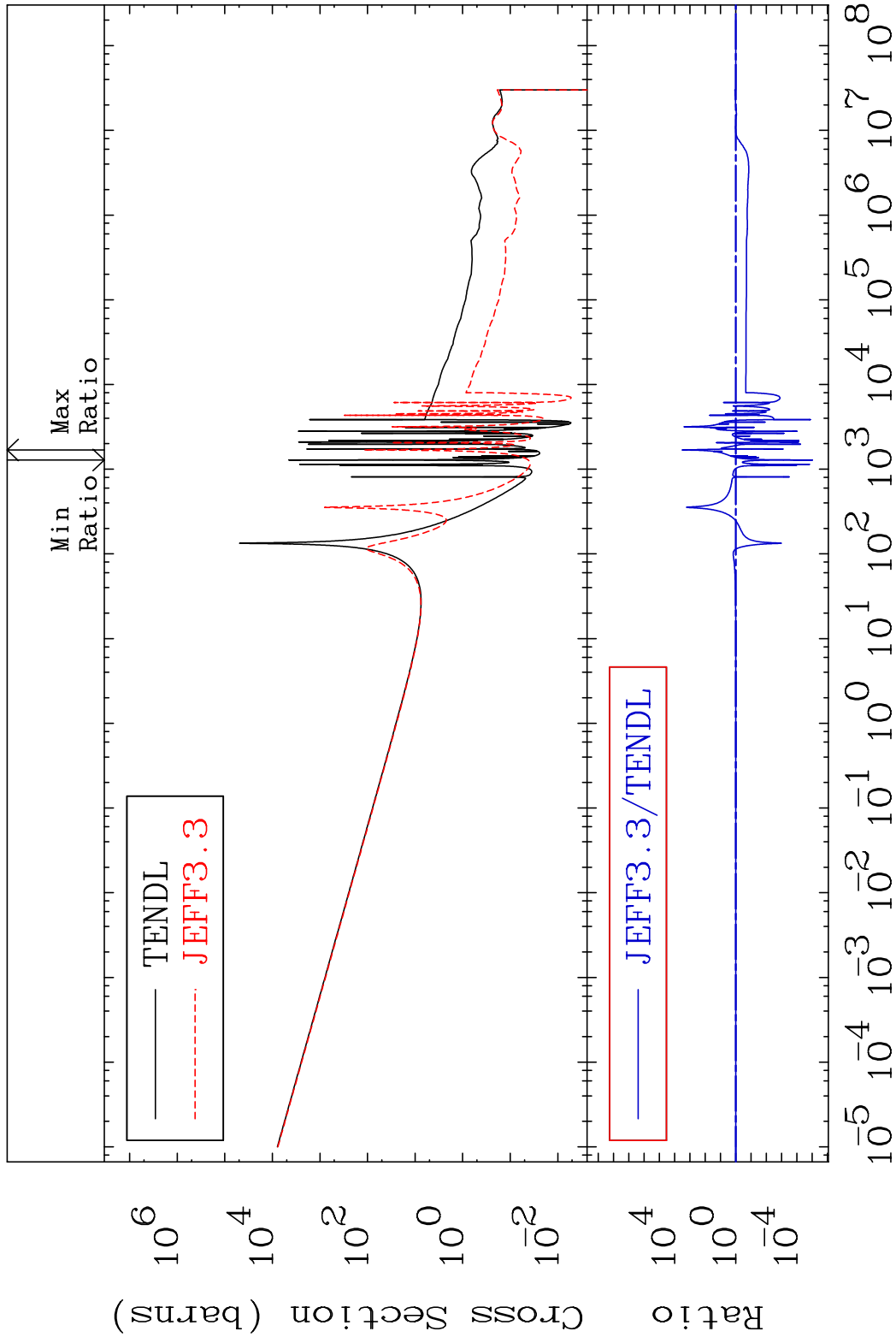
MAT 8434 Kerma fission (mt18 or mt19-20-21-38) 84-Po-209
 Cross Section -53.17 To 9999. %



MAT 8434

Kerma capture (mt102) 84-Po-209

Cross Section -100.0 To 9999. %



69

Incident Energy (eV)

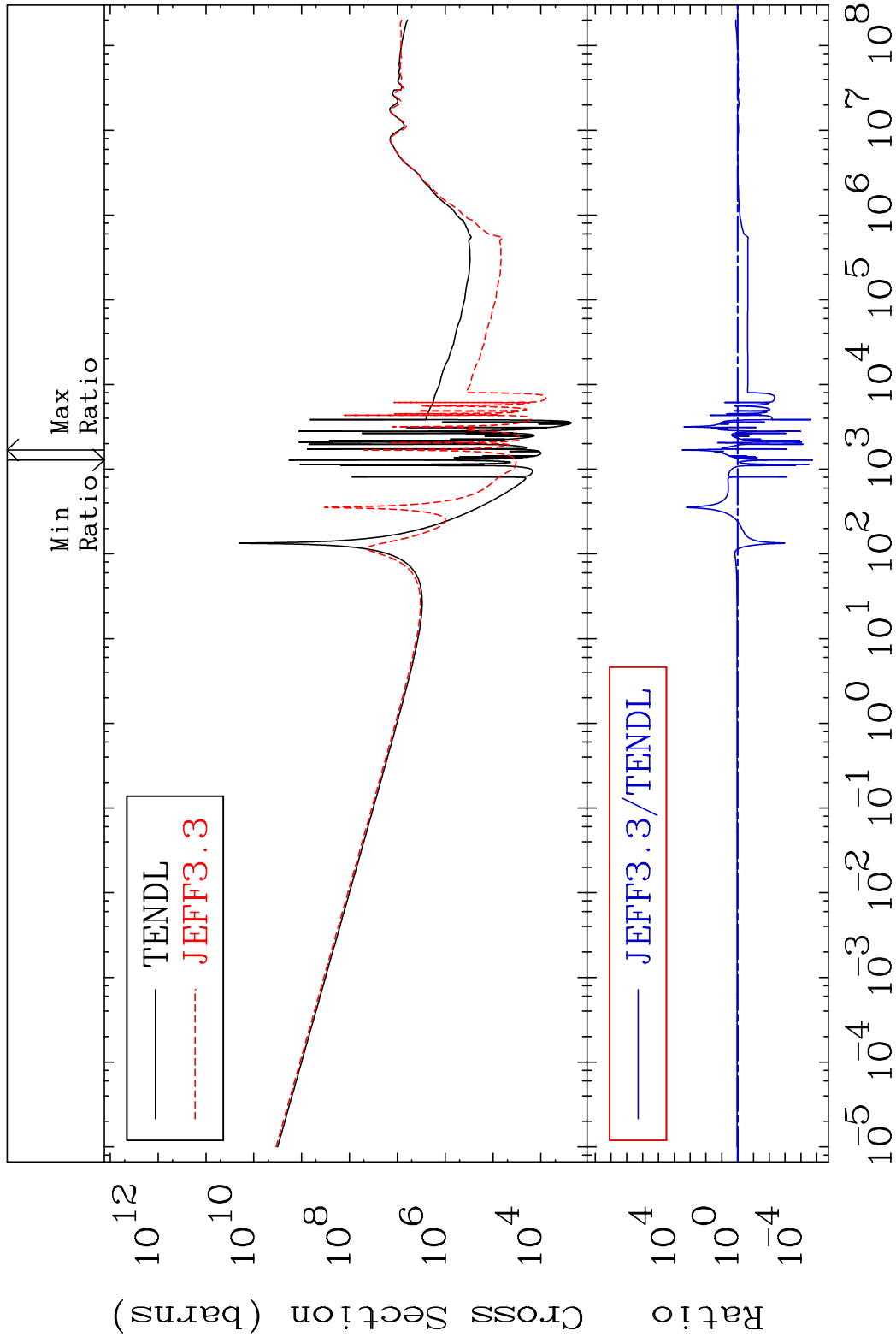
84-Po-209

MAT 8434

Total photon (eV-barns)

84-Po-209

Cross Section -100.0 To 9999. %

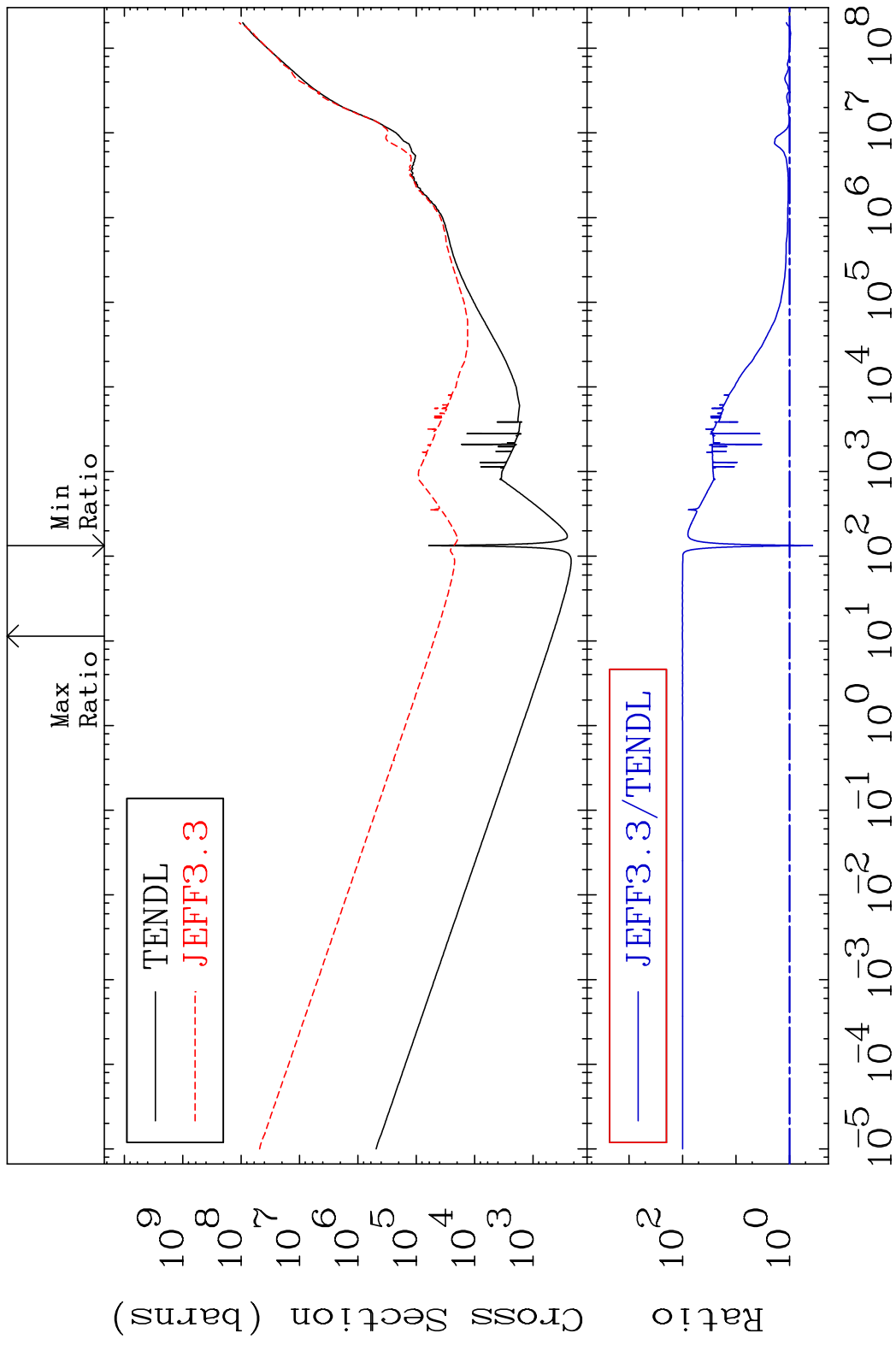


70

Incident Energy (eV)

84-Po-209

MAT 8434 Total kinematic kerma (high limit) 84-Po-209
 Cross Section -62.87 To 9991. %

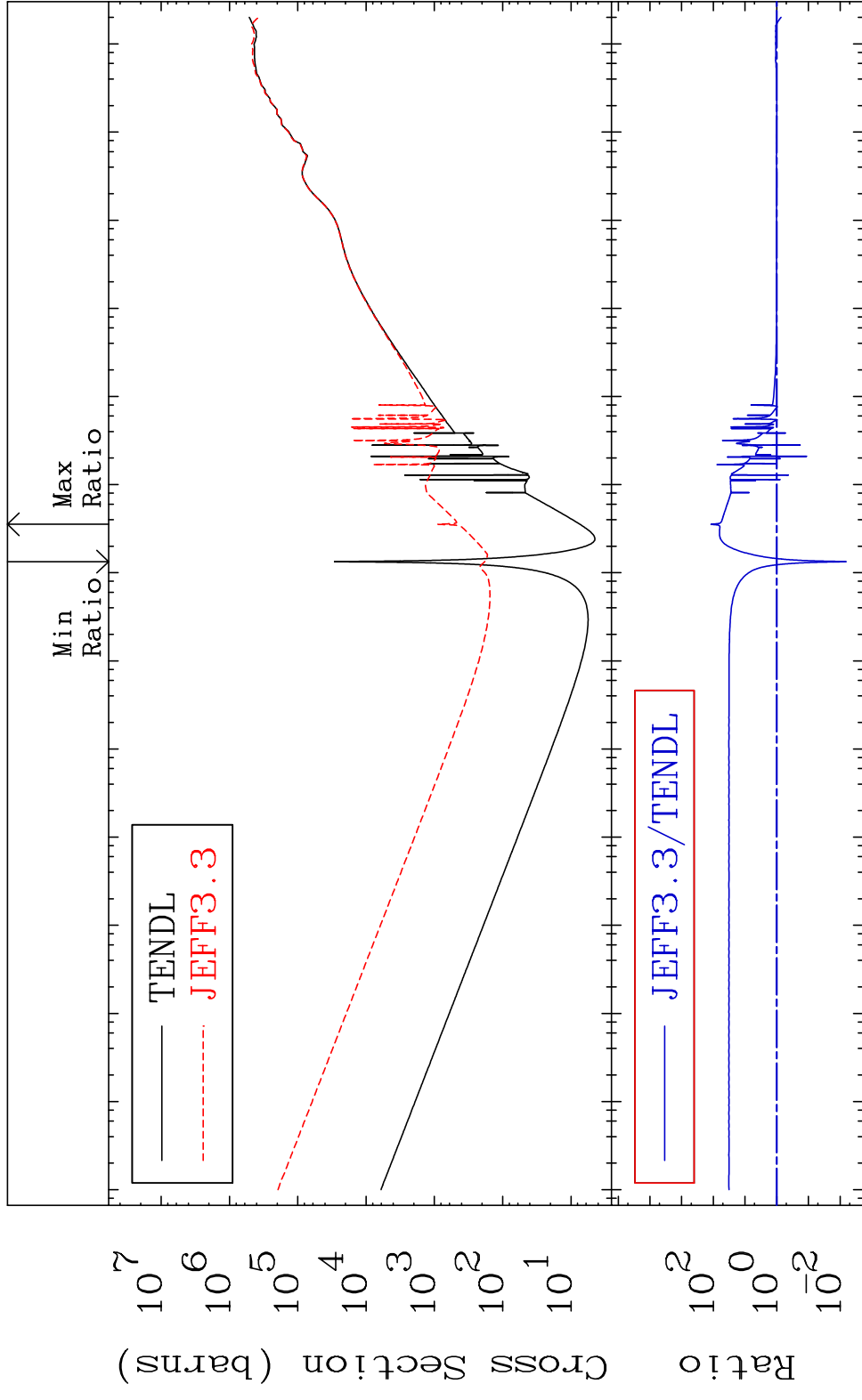


MAT 8434

Dpa total (eV-barns)

84-Po-209

Cross Section -99.36 To 9999. %

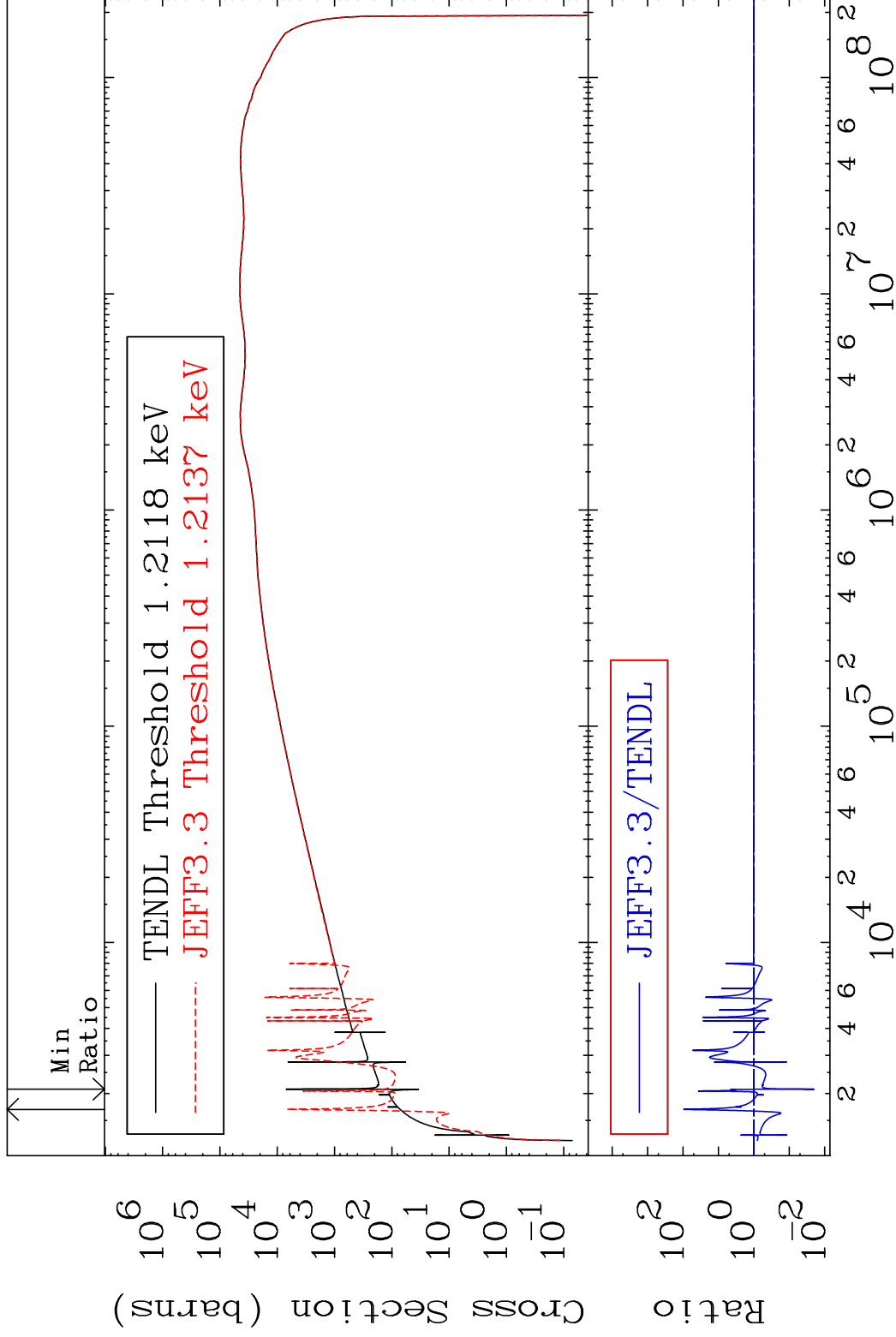


MAT 8434

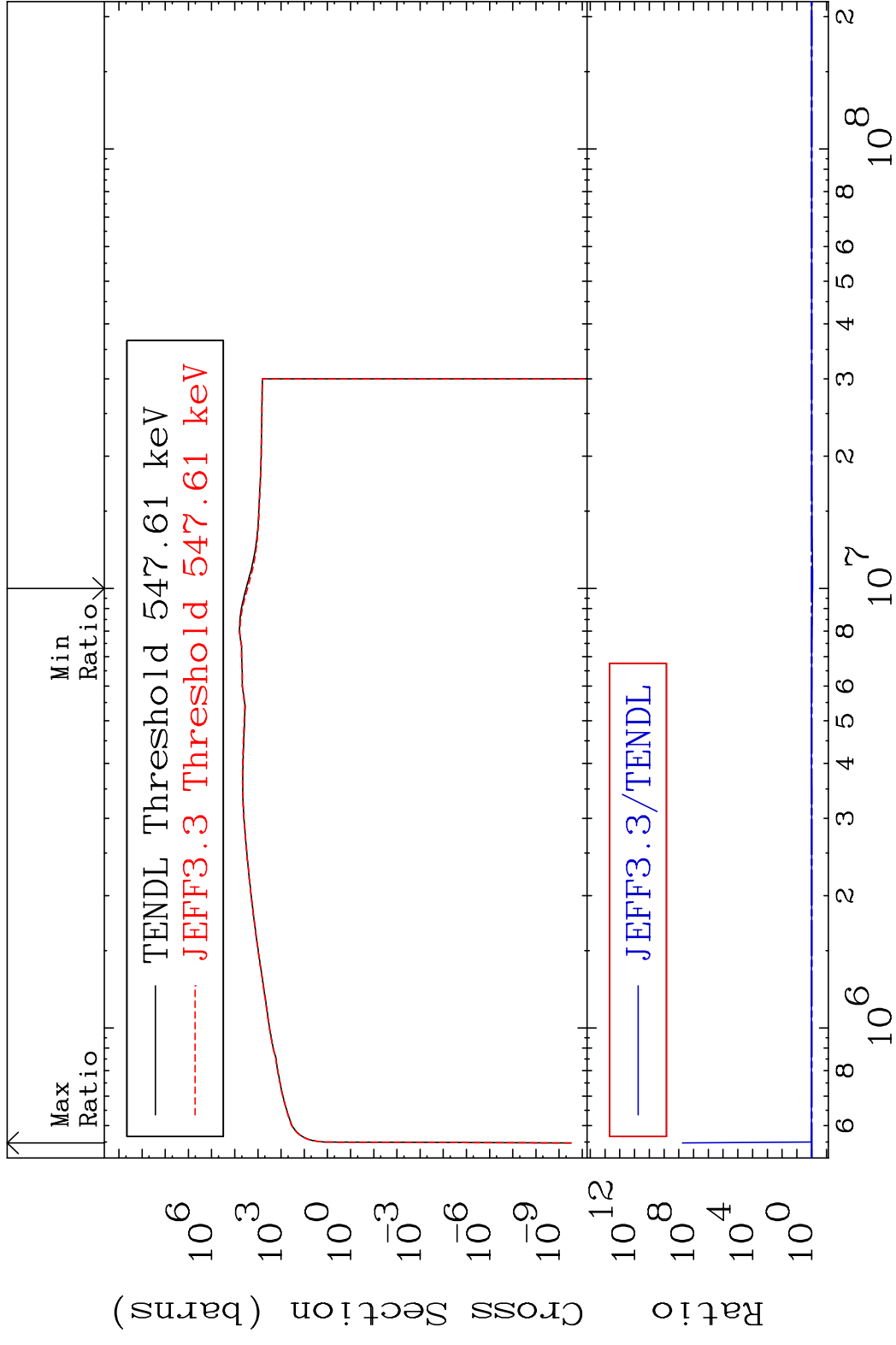
Dpa elastic (mt2)

84-Po-209

Cross Section -98.02 To 9488. %



MAT 8434 Dpa inelastic (mt51-91) 84-Po-209
 Cross Section -13.02 To 9999. %



MAT 8434 Dpa disappearance (mt102 -120) 84-Po-209
 Cross Section -99.36 To 9999. %

