

Program Complot
(Version 2021-1)

by

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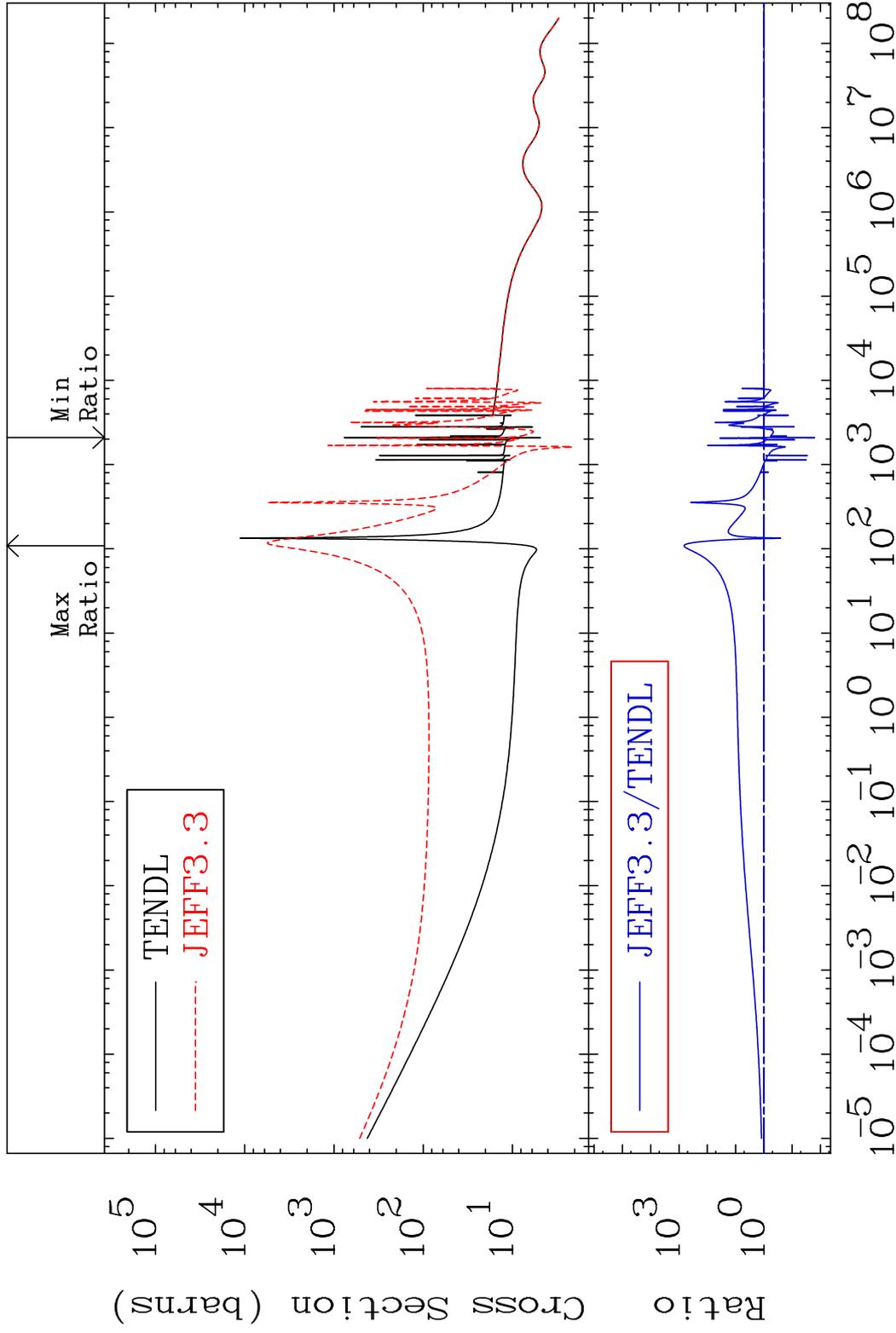
Press Mouse Button to Start

MAT 8434

Total

84-Po-209

Cross Section -98.40 To 9999. %



1

Incident Energy (eV)

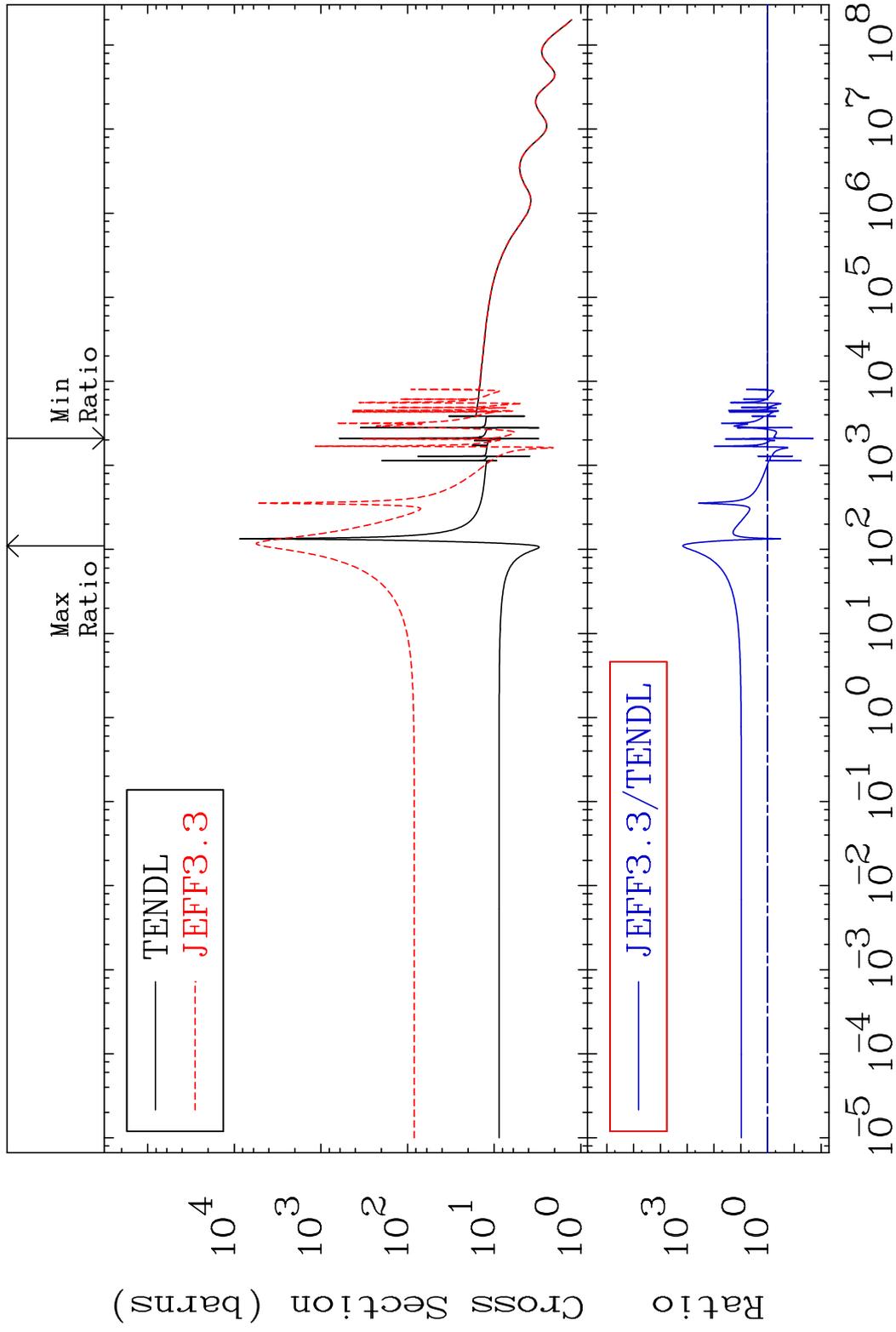
84-Po-209

MAT 8434

Elastic

84-Po-209

Cross Section -98.02 To 9999. %



2

Incident Energy (eV)

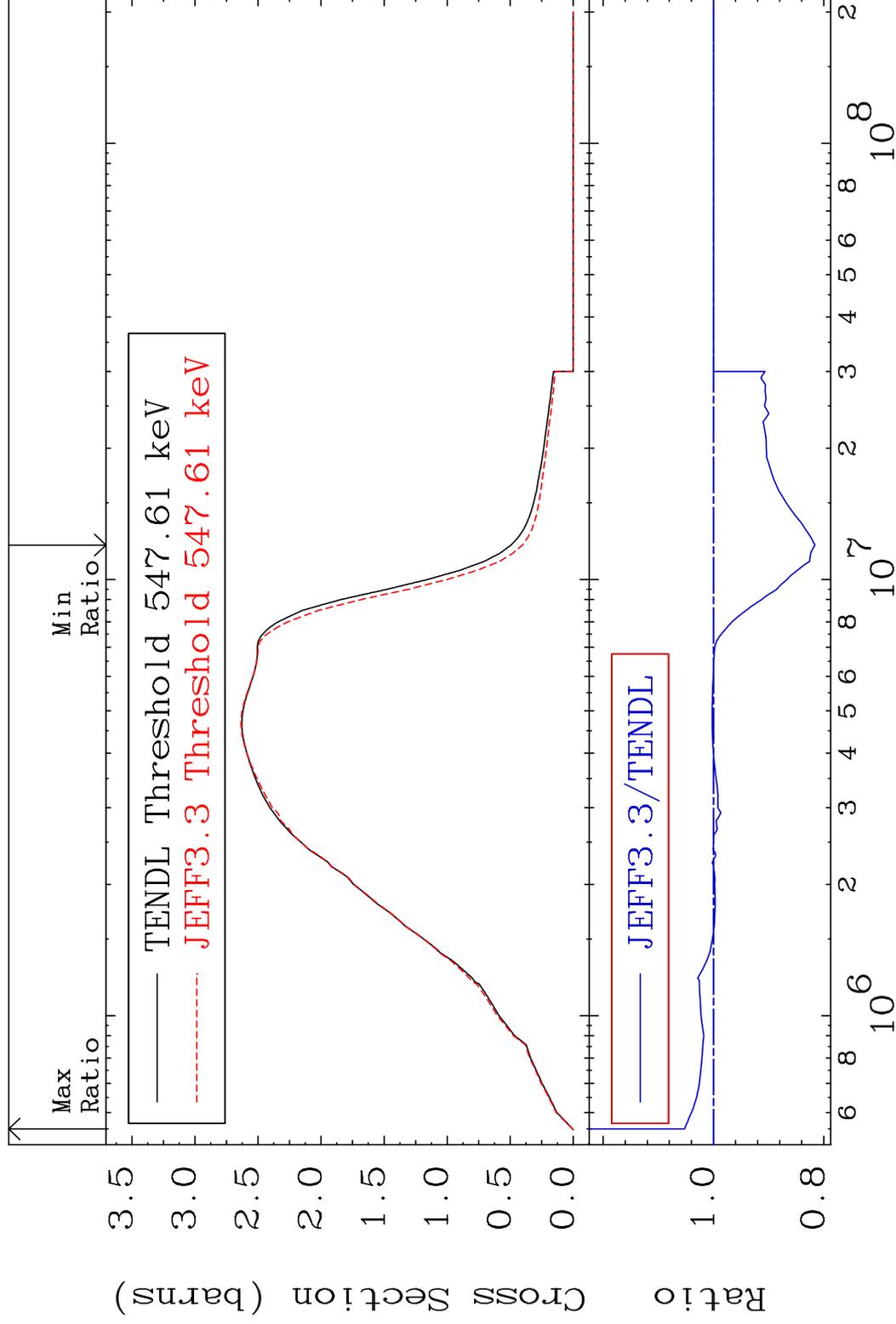
84-Po-209

MAT 8434

Inelastic

84-Po-209

Cross Section -18.38 To 5.243 %



3

Incident Energy (eV)

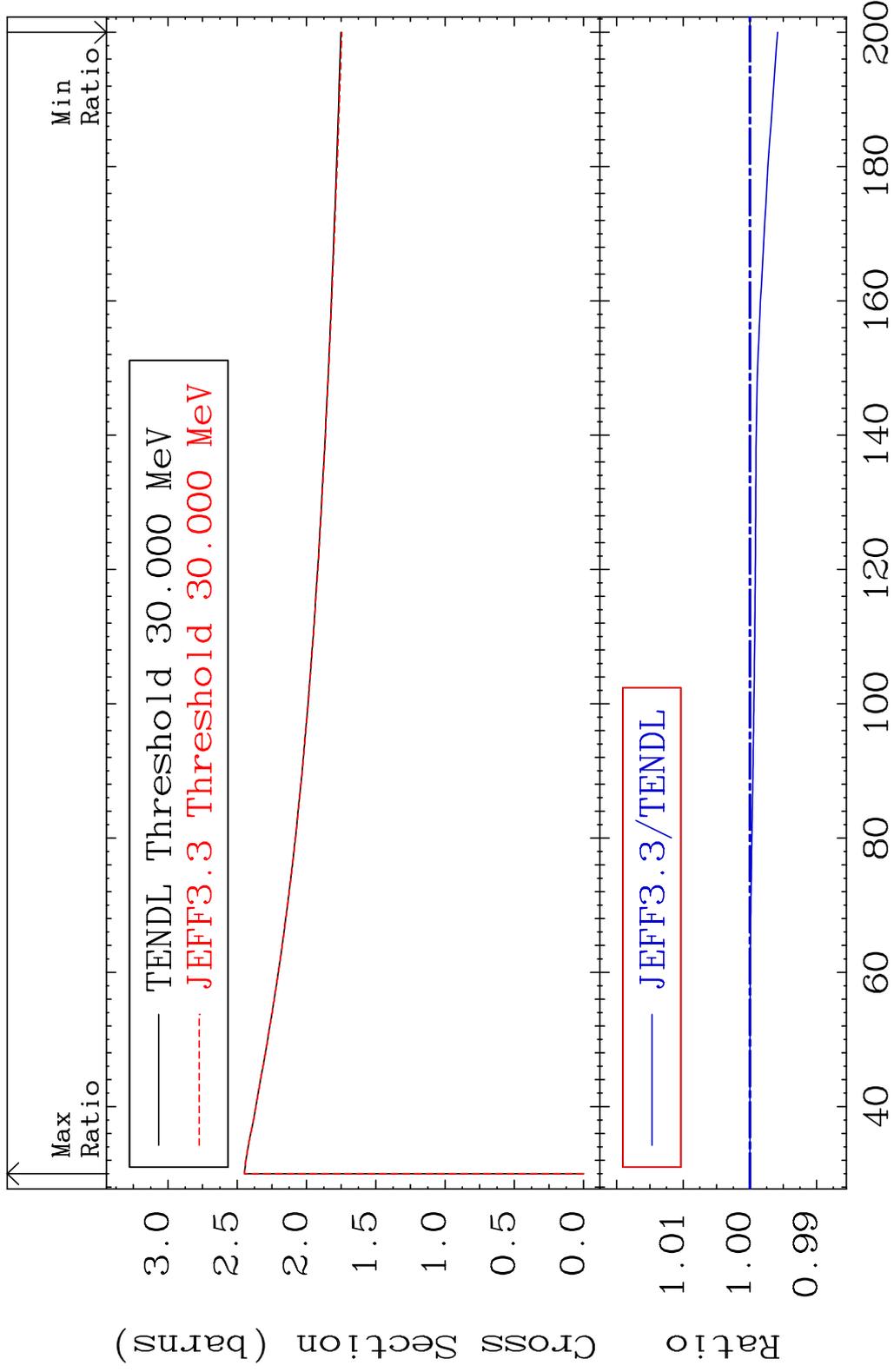
84-Po-209

MAT 8434

(n, remainder)

84-Po-209

Cross Section -0.415 To 0.000 %

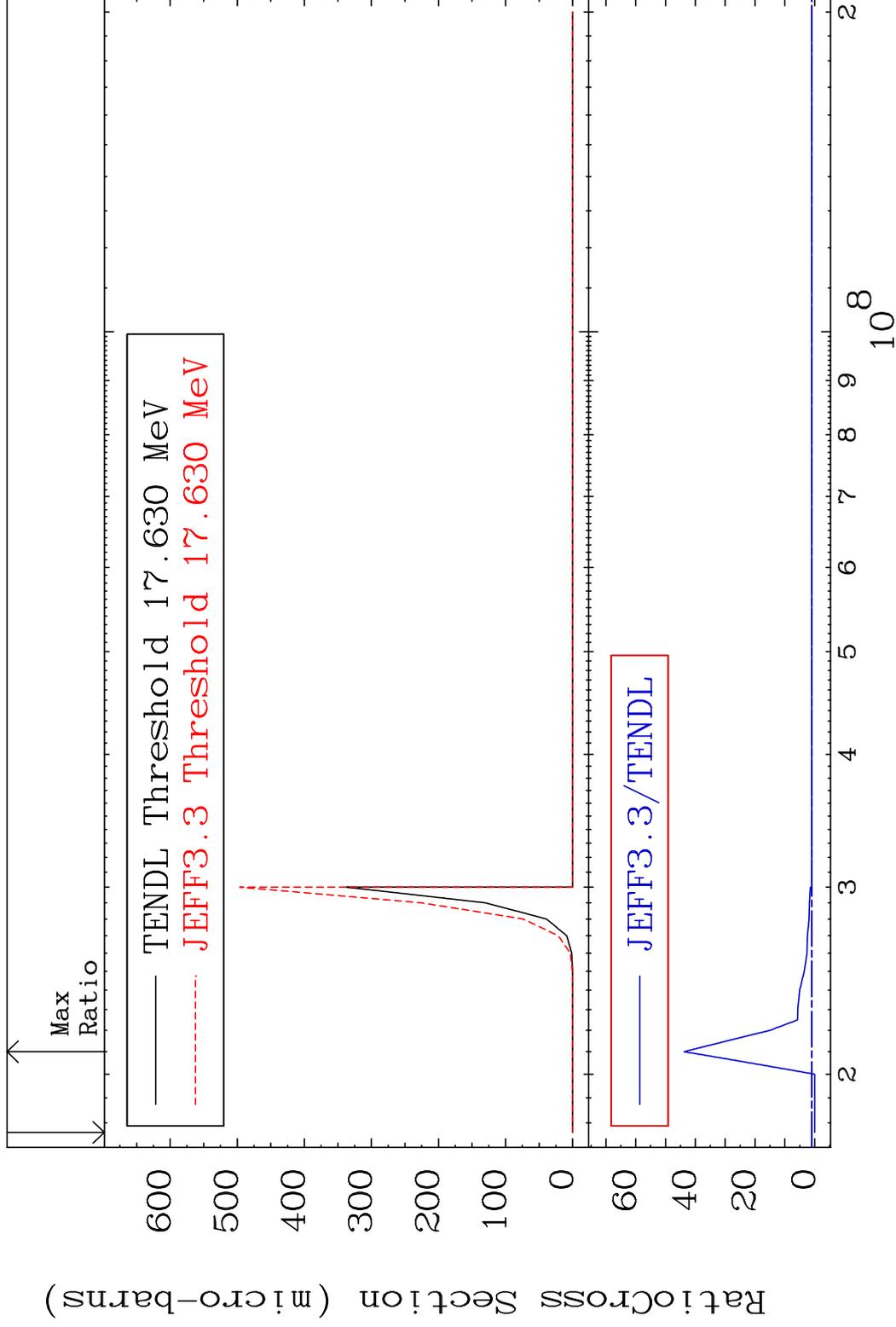


MAT 8434

(n,2n) d

84-Po-209

Cross Section -100.0 To 4277. %



5

Incident Energy (eV)

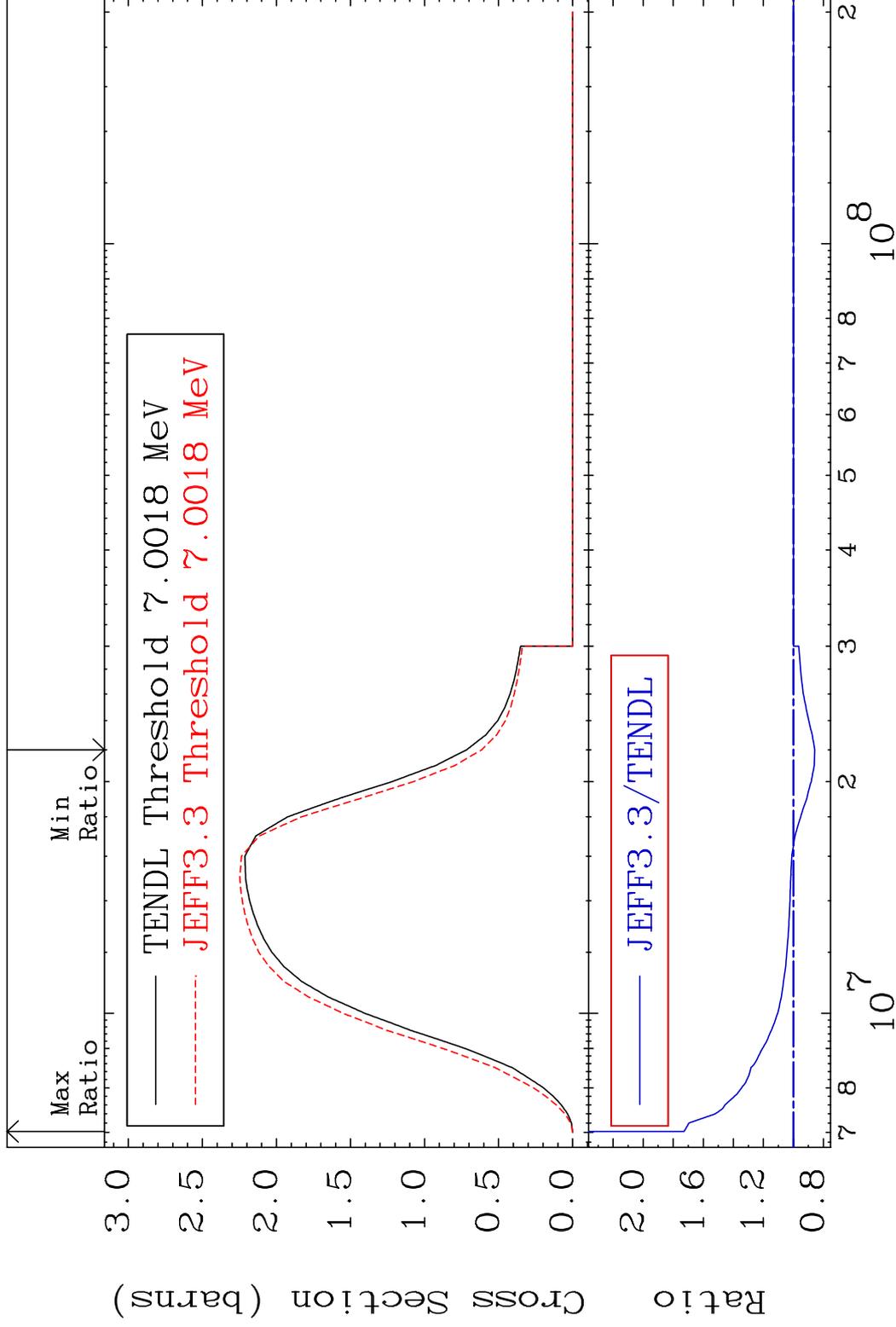
84-Po-209

MAT 8434

(n,2n)

84-Po-209

Cross Section -14.20 To 72.74 %



6

Incident Energy (eV)

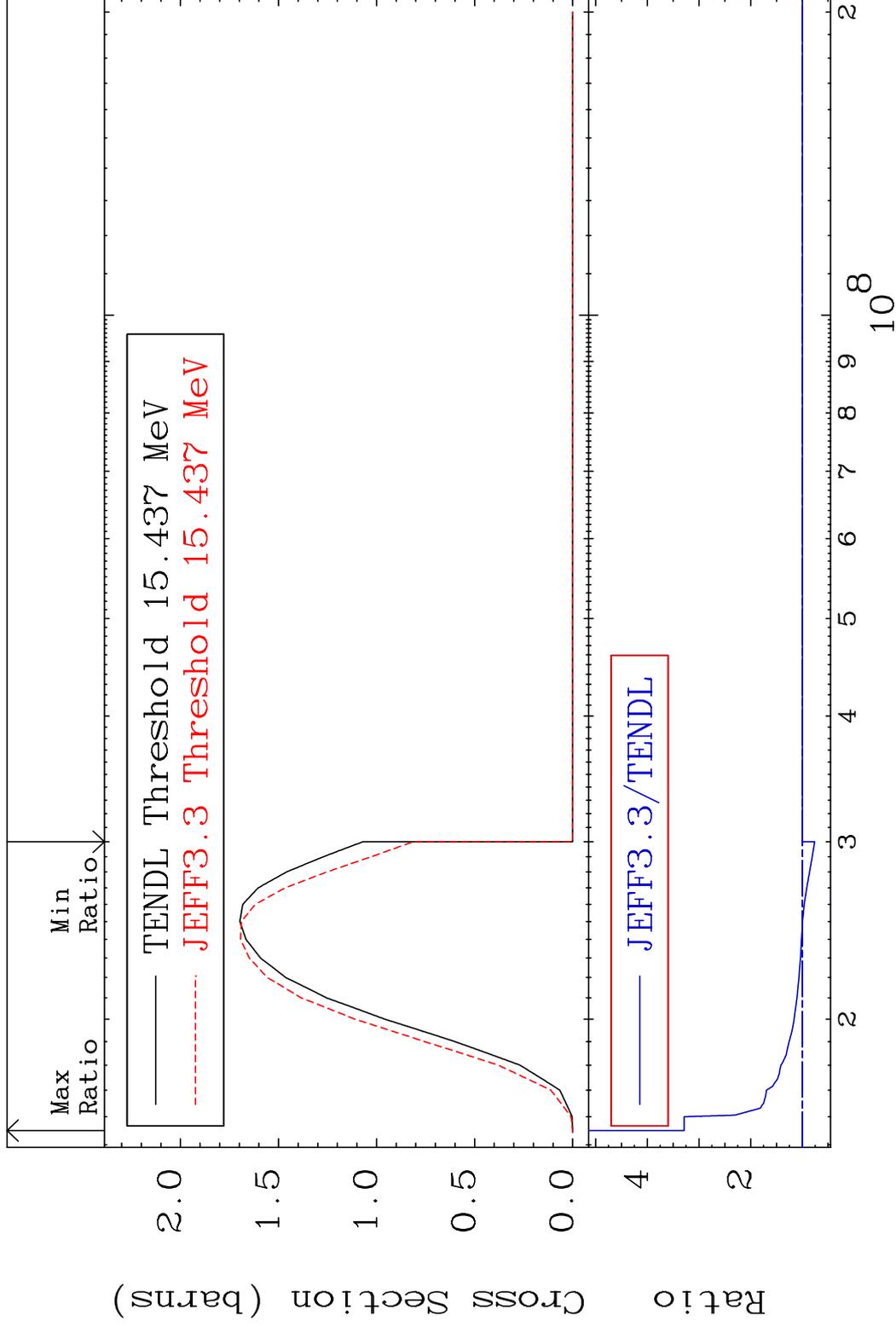
84-Po-209

MAT 8434

(n,3n)

84-Po-209

Cross Section -24.01 To 228.7 %



7

Incident Energy (eV)

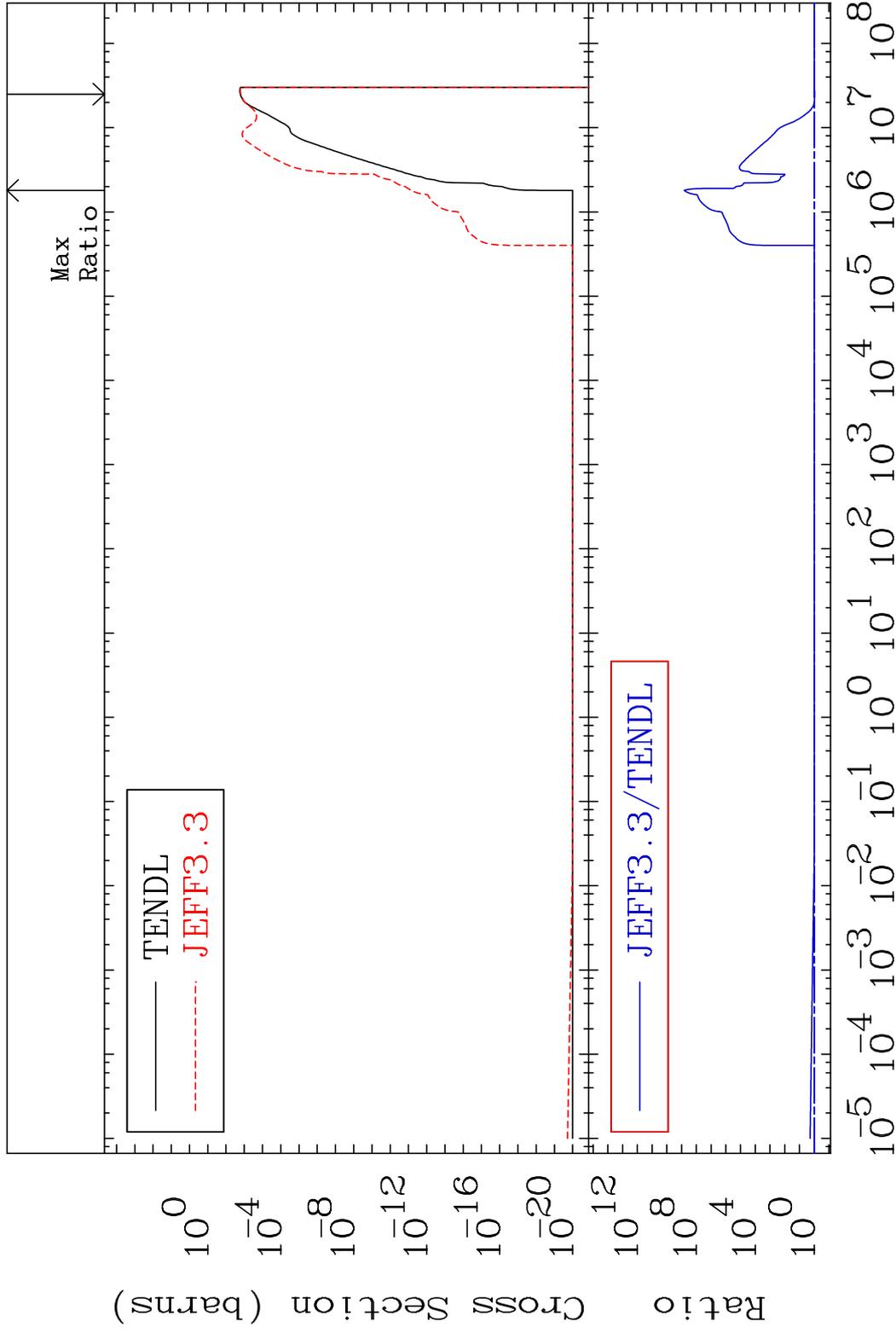
84-Po-209

MAT 8434

(n, n') α

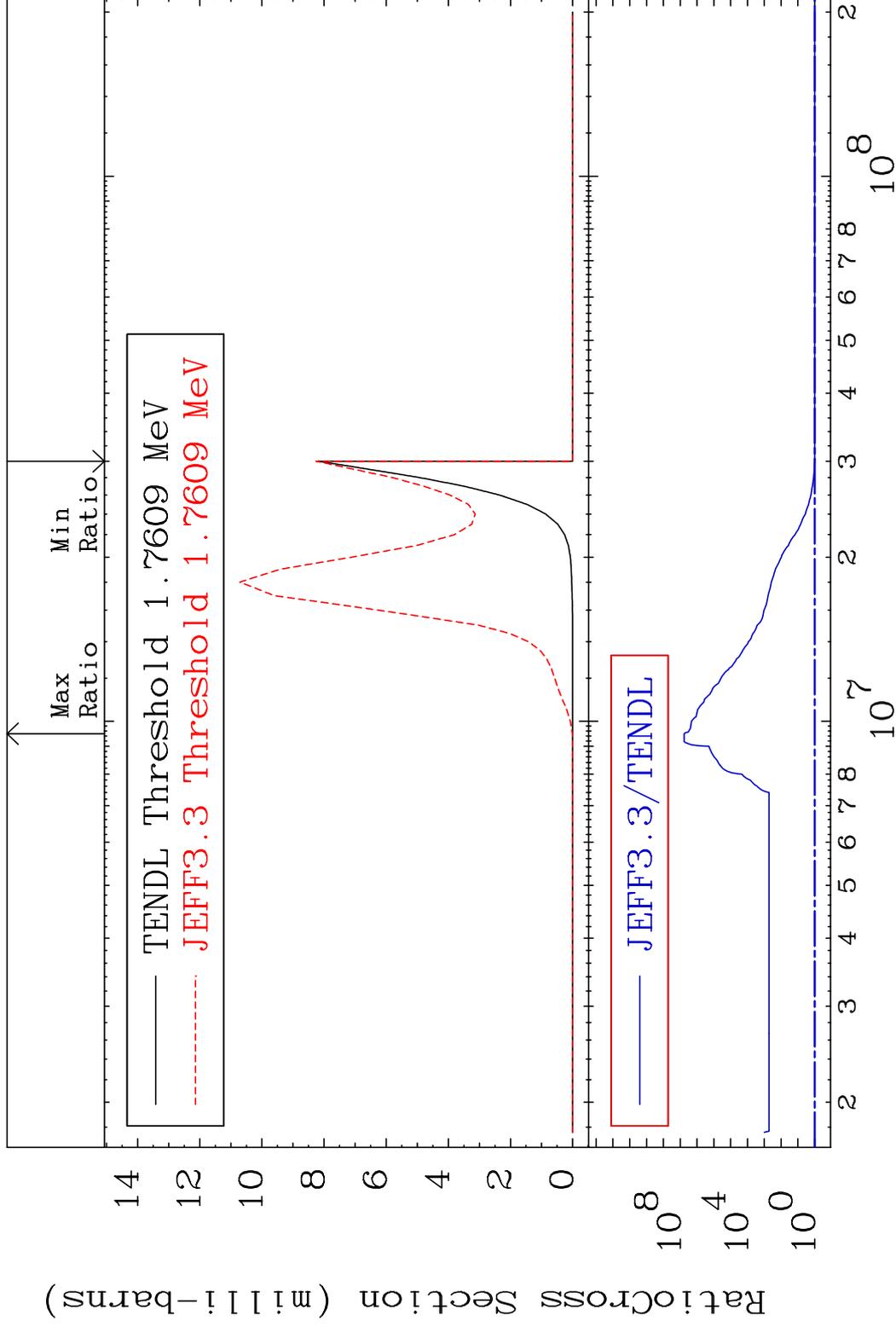
84-Po-209

Cross Section -6.614 To 9999. %



MAT 8434

(n,2n) α 84-Po-209
Cross Section 0.000 To 9999. %

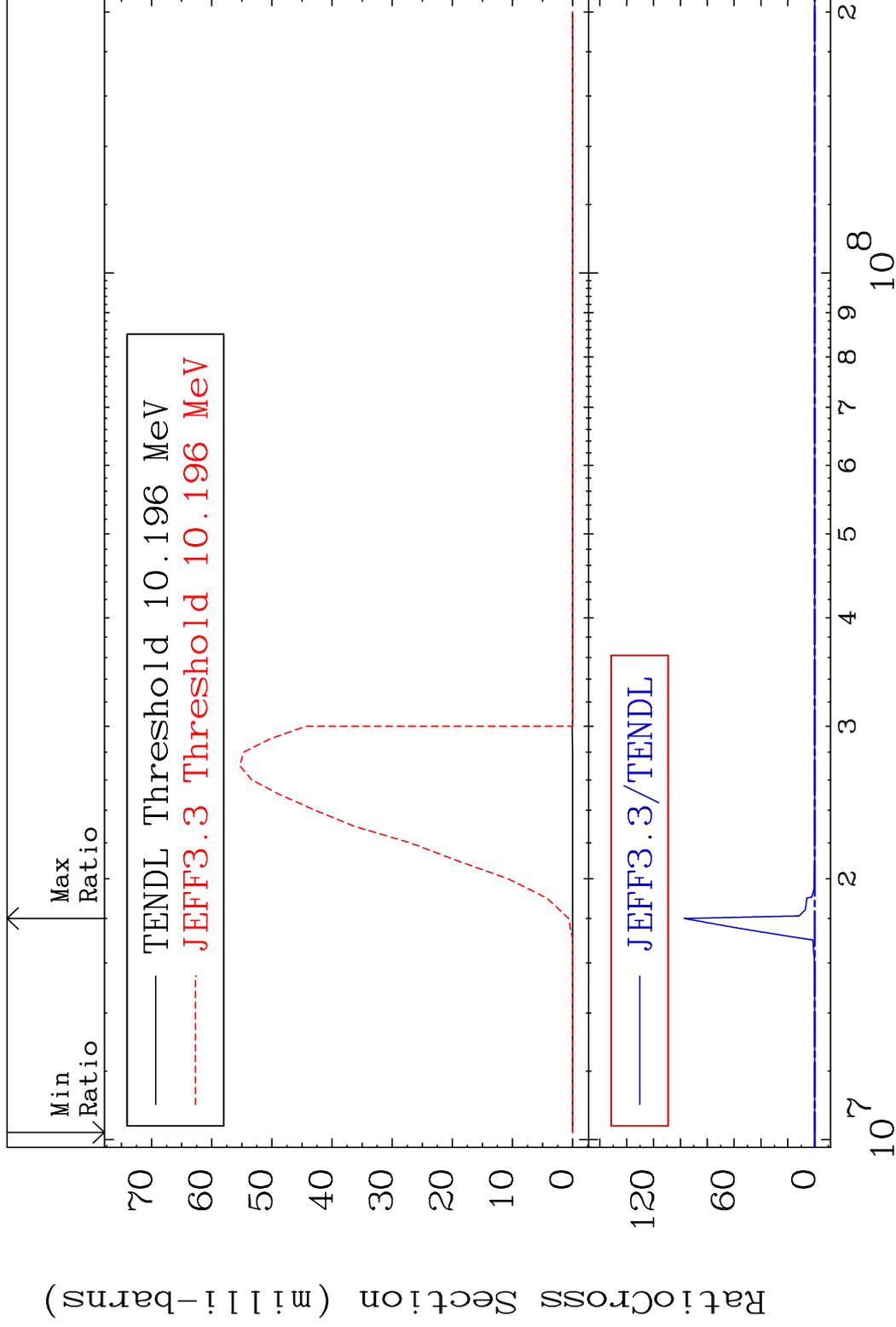


MAT 8434

(n,3n) α

84-Po-209

Cross Section -100.0 To 9999. %



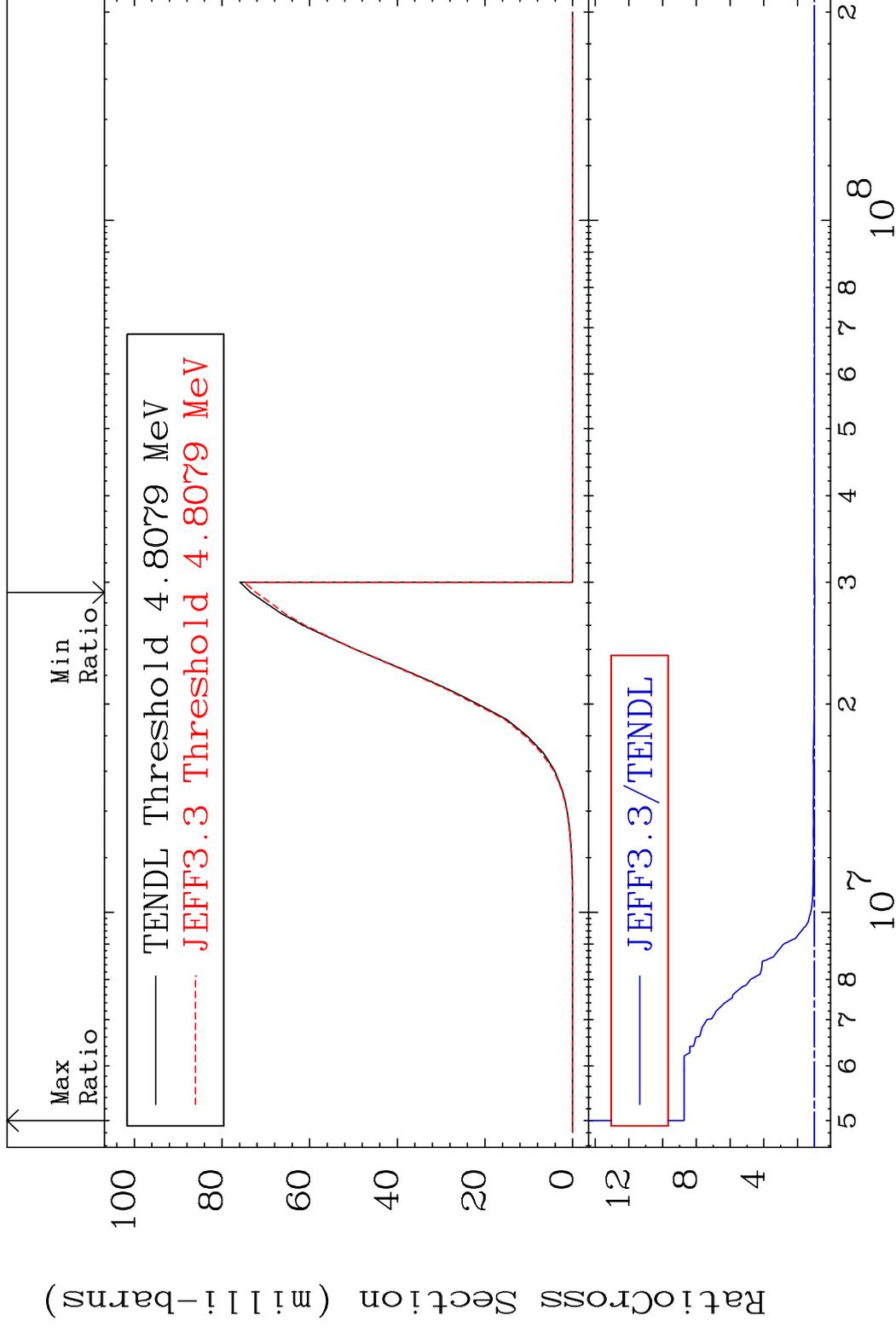
10

Incident Energy (eV)

84-Po-209

MAT 8434

(n, n') p 84-Po-209
Cross Section -1.627 To 772.4 %

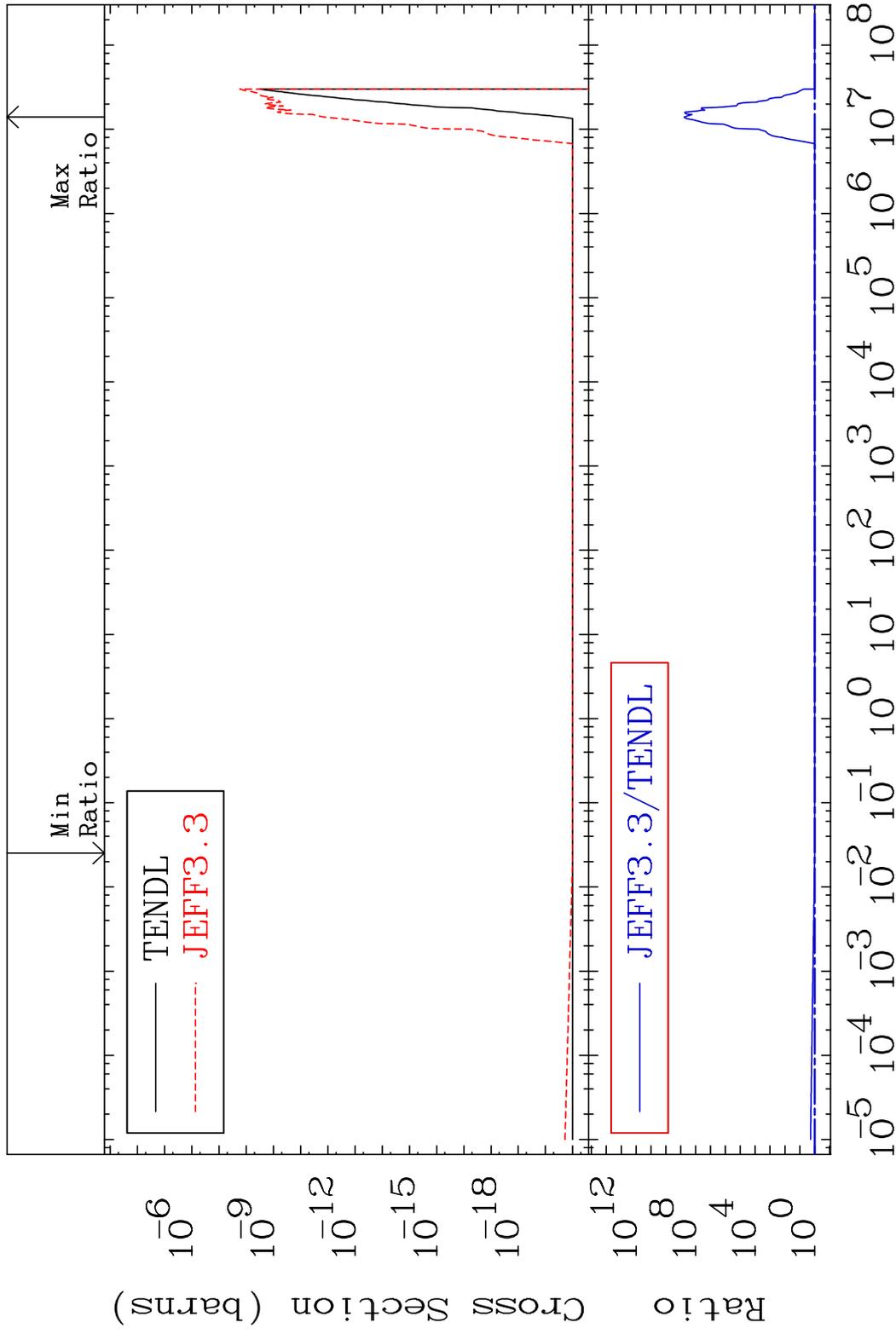


MAT 8434

(n, n') 2α

84-Po-209

Cross Section 0.000 To 9999. %



12

Incident Energy (eV)

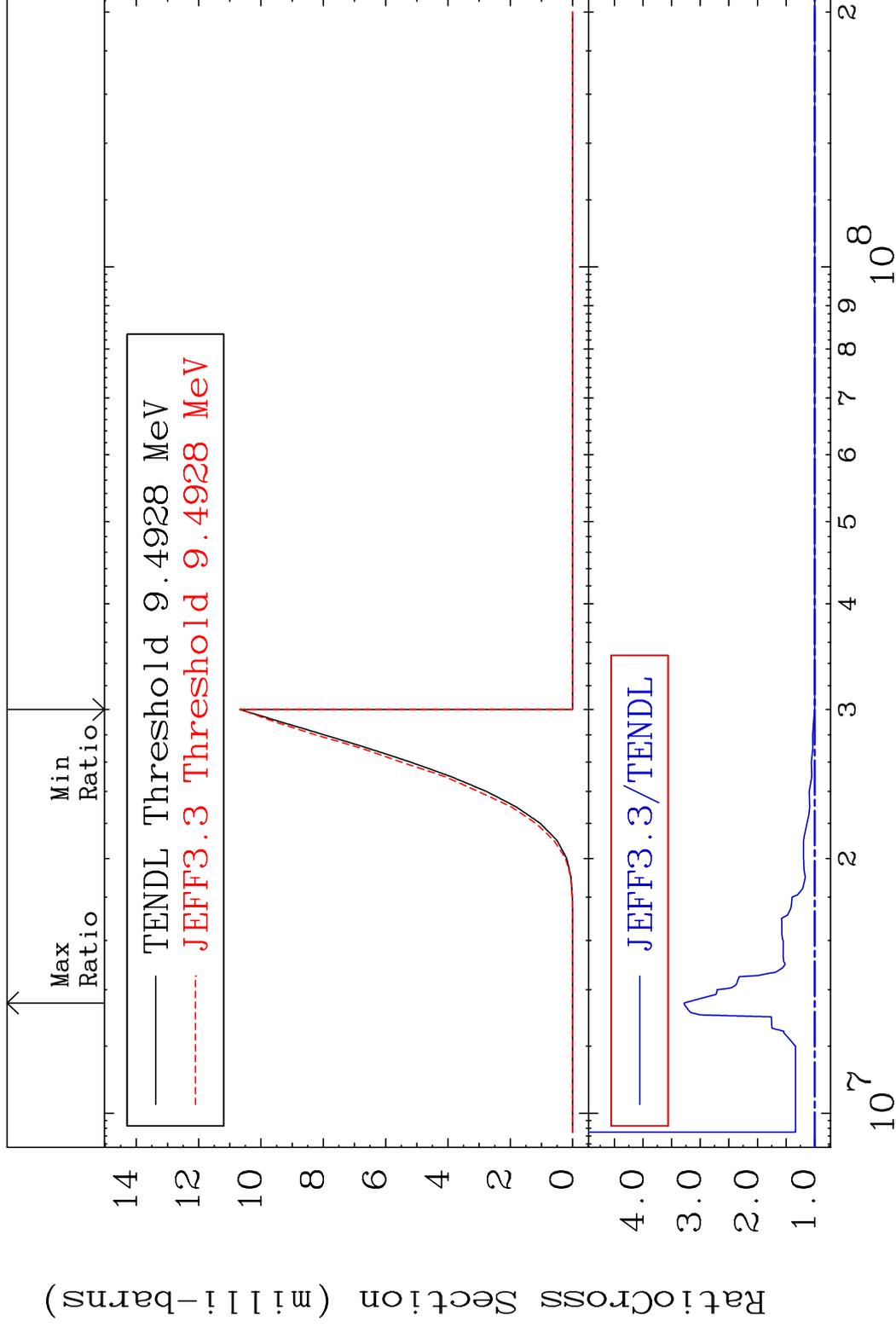
84-Po-209

MAT 8434

(n, n') d

84-Po-209

Cross Section -0.045 To 228.2 %



13

Incident Energy (eV)

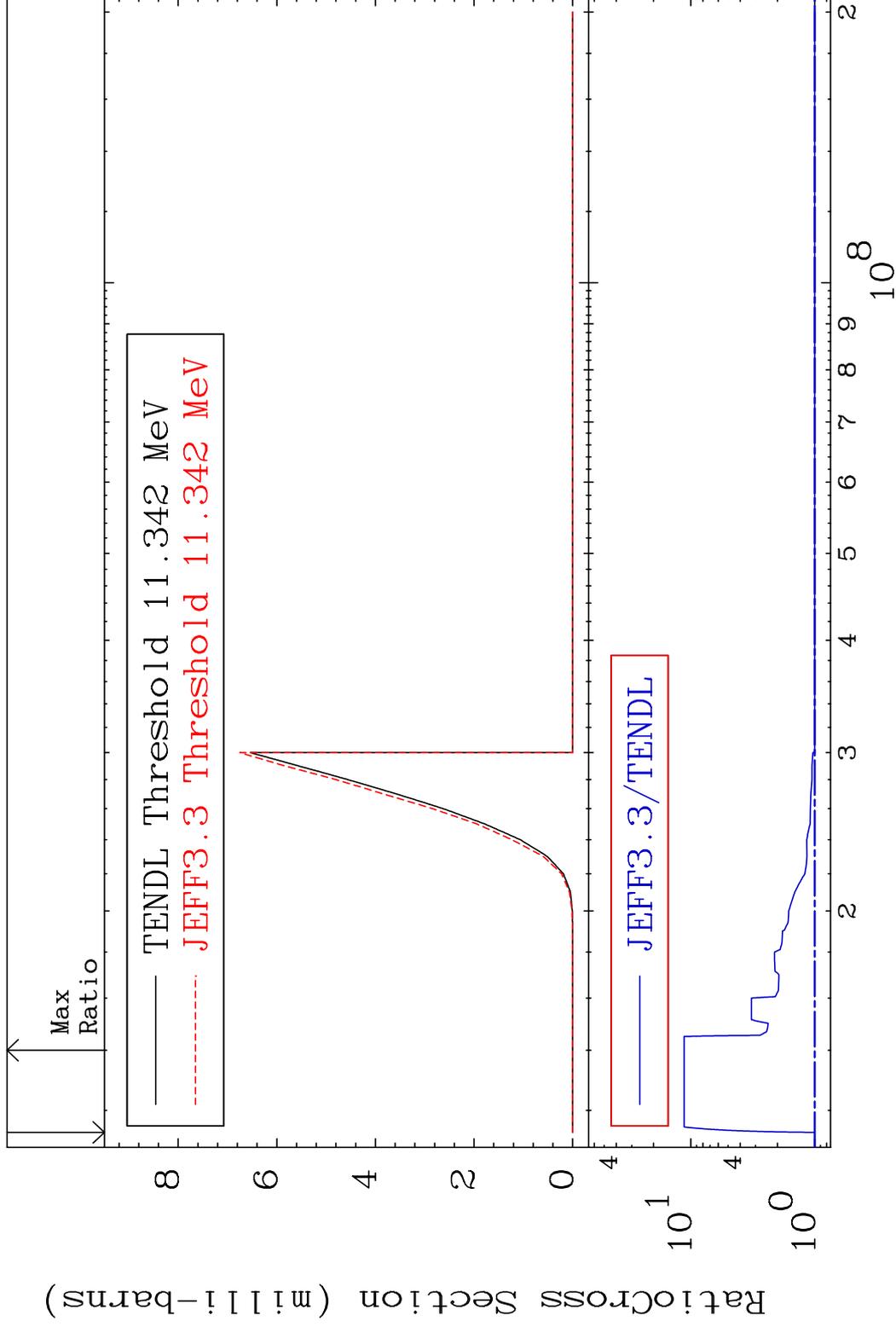
84-Po-209

MAT 8434

(n, n') t

84-Po-209

Cross Section 0.000 To 1032. %

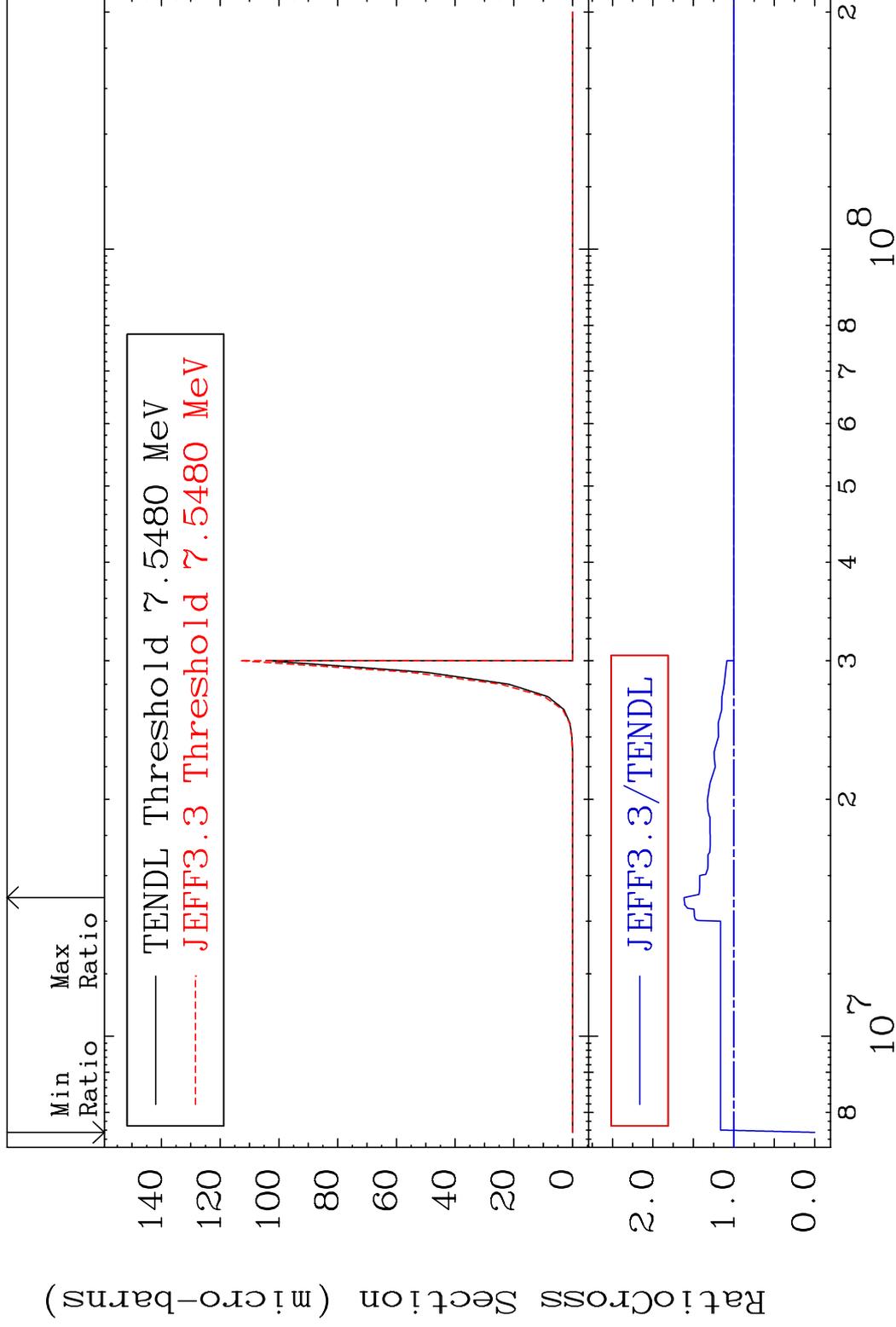


MAT 8434

(n,n') He-3

84-Po-209

Cross Section -100.0 To 61.42 %



15

Incident Energy (eV)

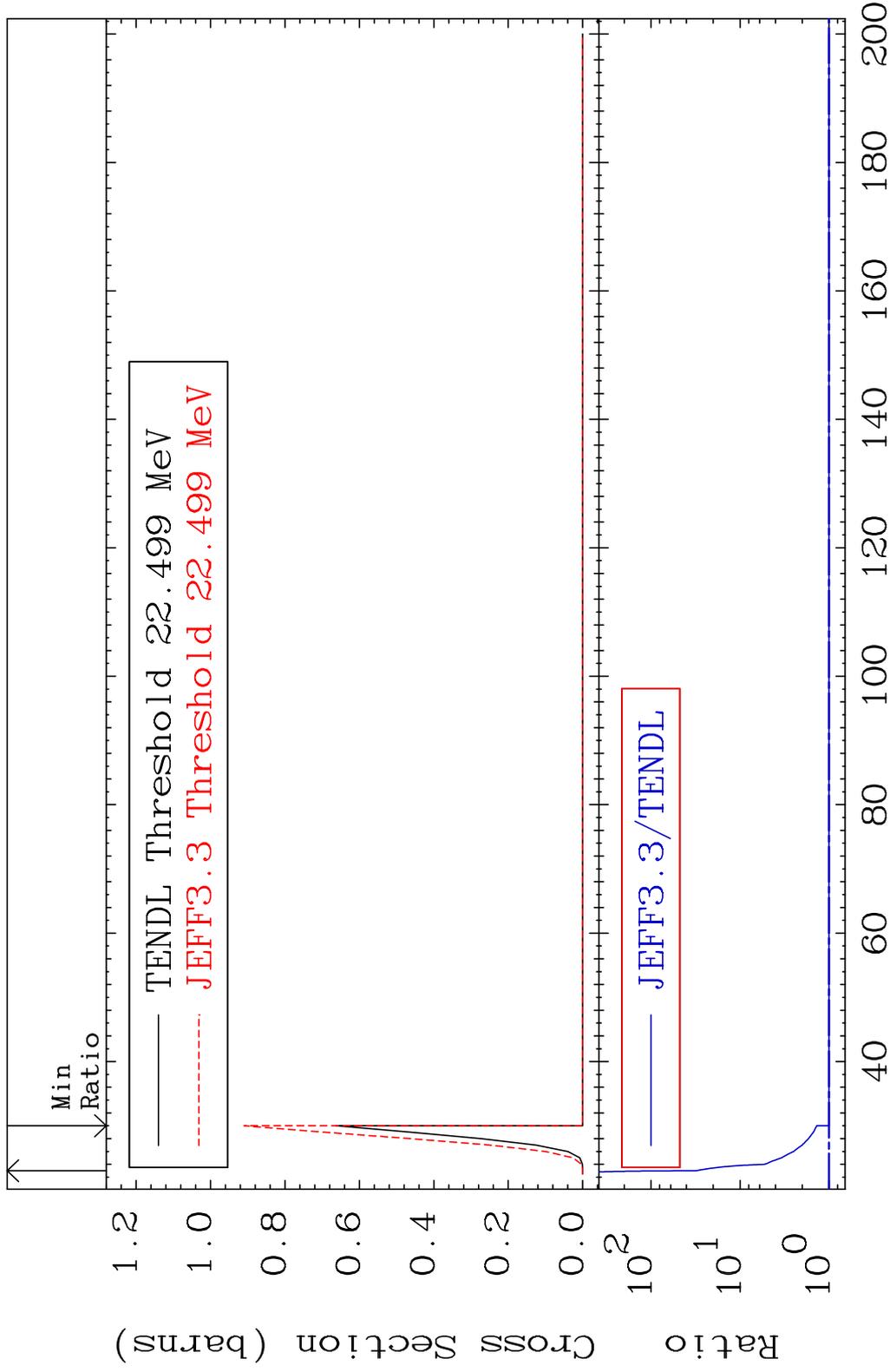
84-Po-209

MAT 8434

(n,4n)

84-Po-209

Cross Section 0.000 To 3016. %

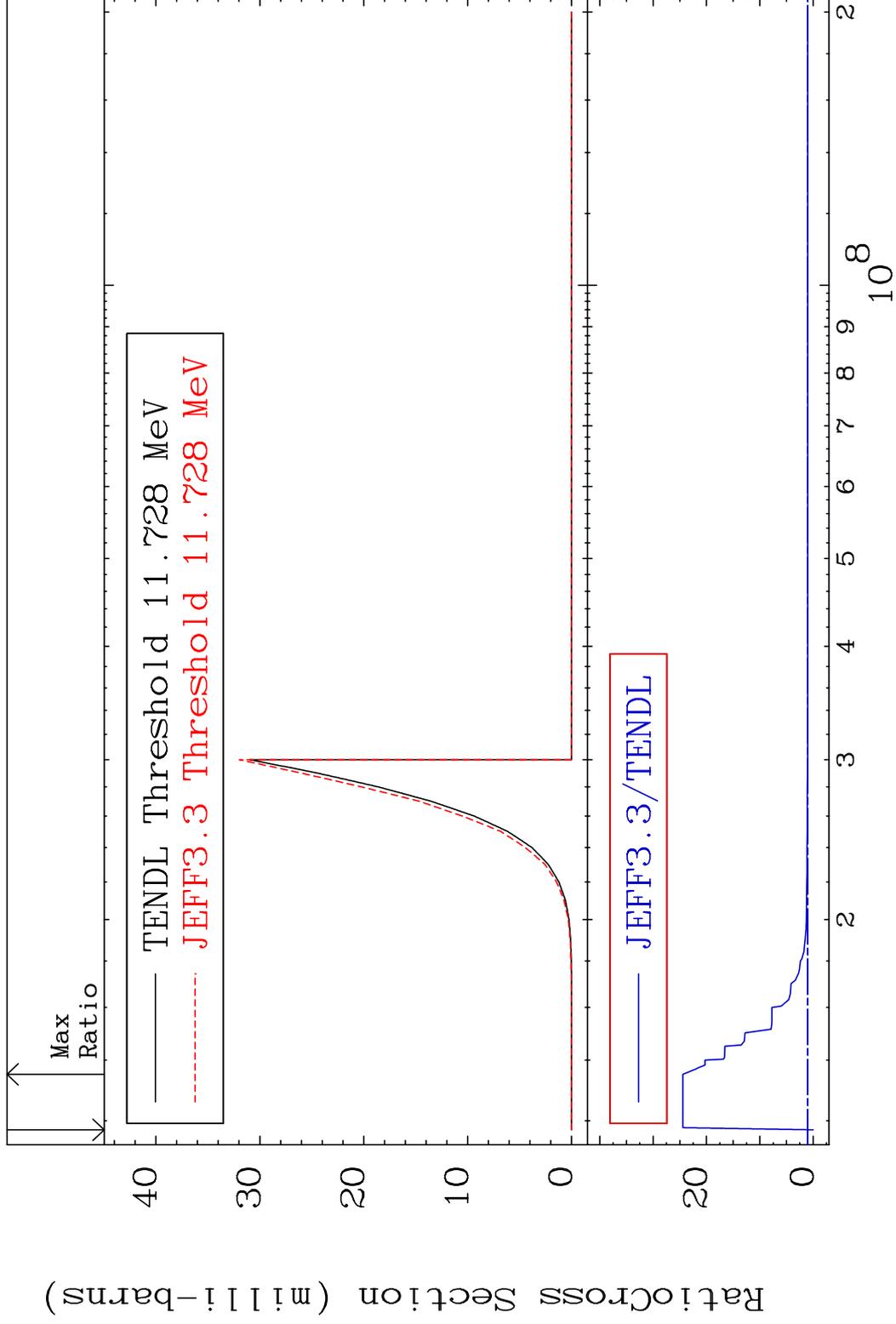


MAT 8434

(n,2n) p

84-Po-209

Cross Section -100.0 To 2343. %



17

Incident Energy (eV)

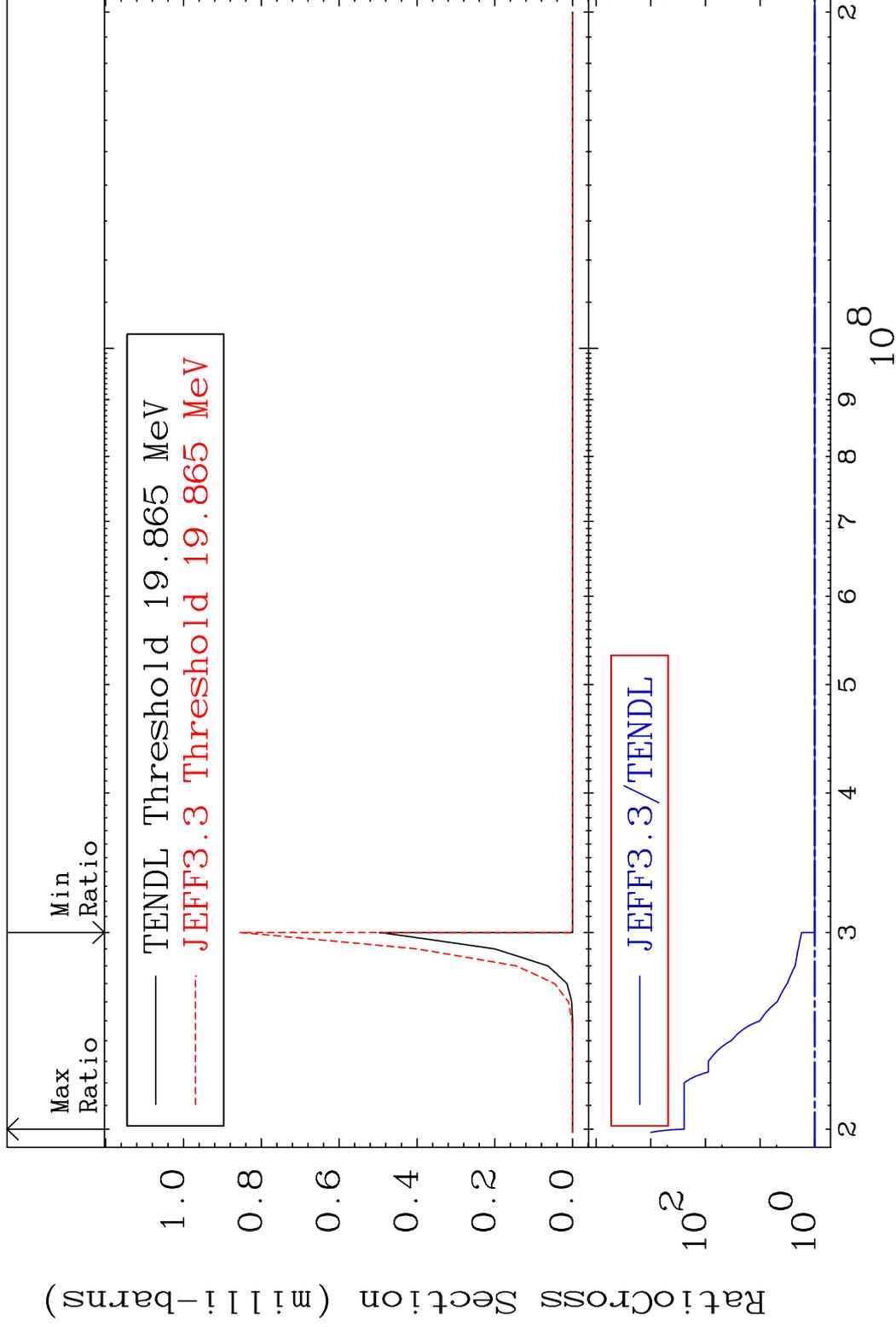
84-Po-209

MAT 8434

(n,3n) p

84-Po-209

Cross Section 0.000 To 9999. %



18

Incident Energy (eV)

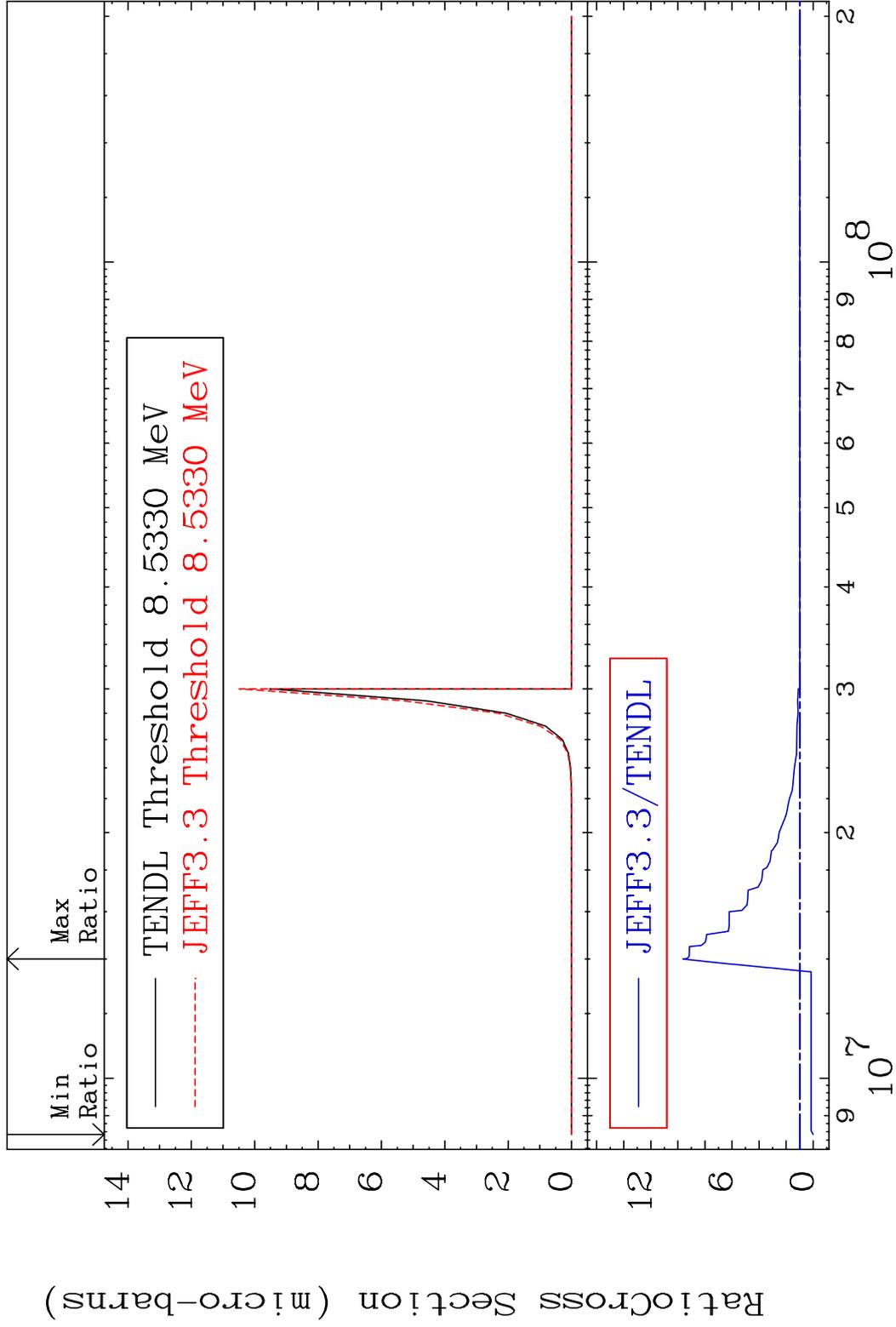
84-Po-209

MAT 8434

(n,2n) p

84-Po-209

Cross Section -100.0 To 863.3 %



19

Incident Energy (eV)

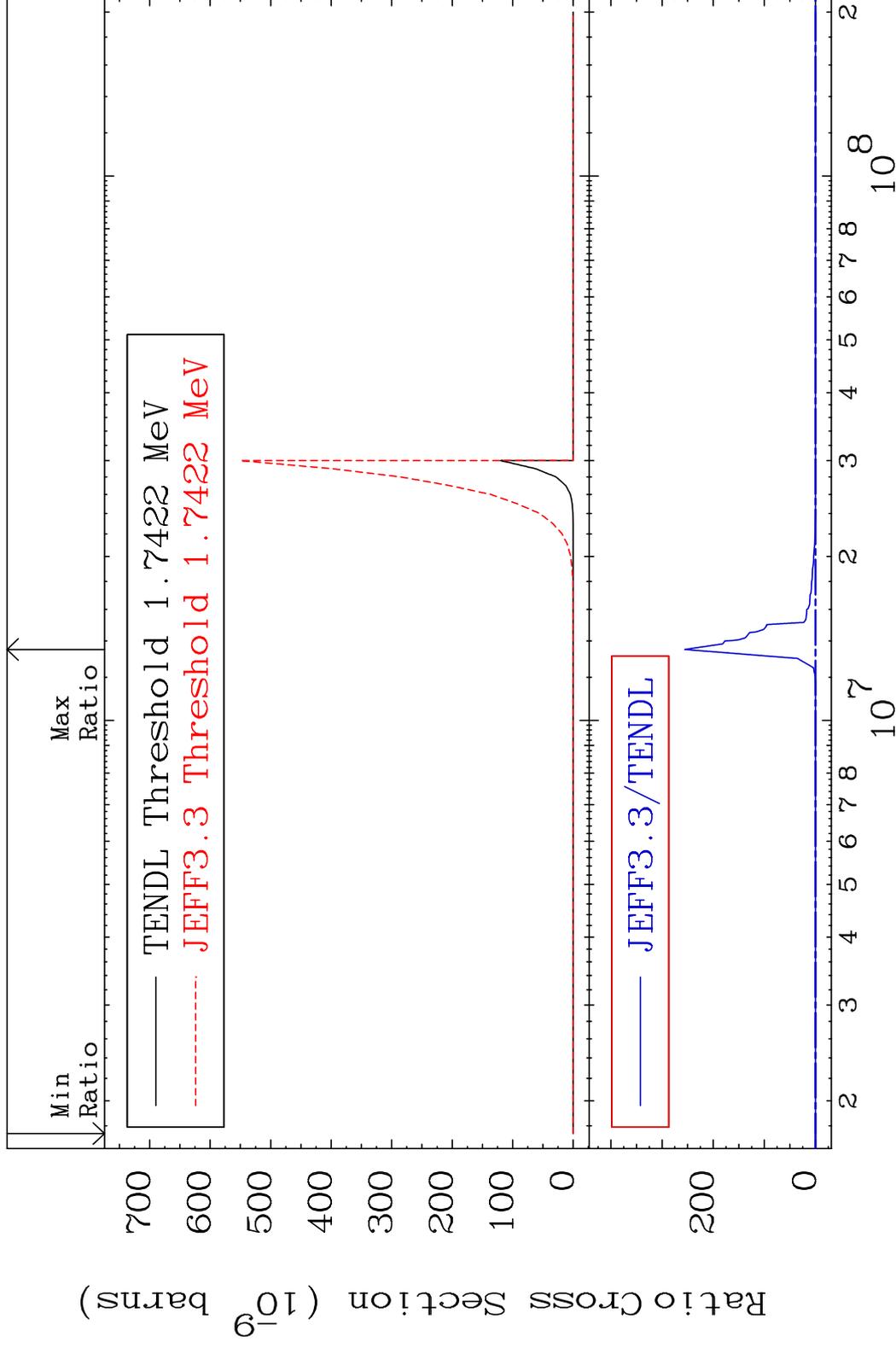
84-Po-209

MAT 8434

(n,n') p α

84-Po-209

Cross Section -100.0 To 9999. %

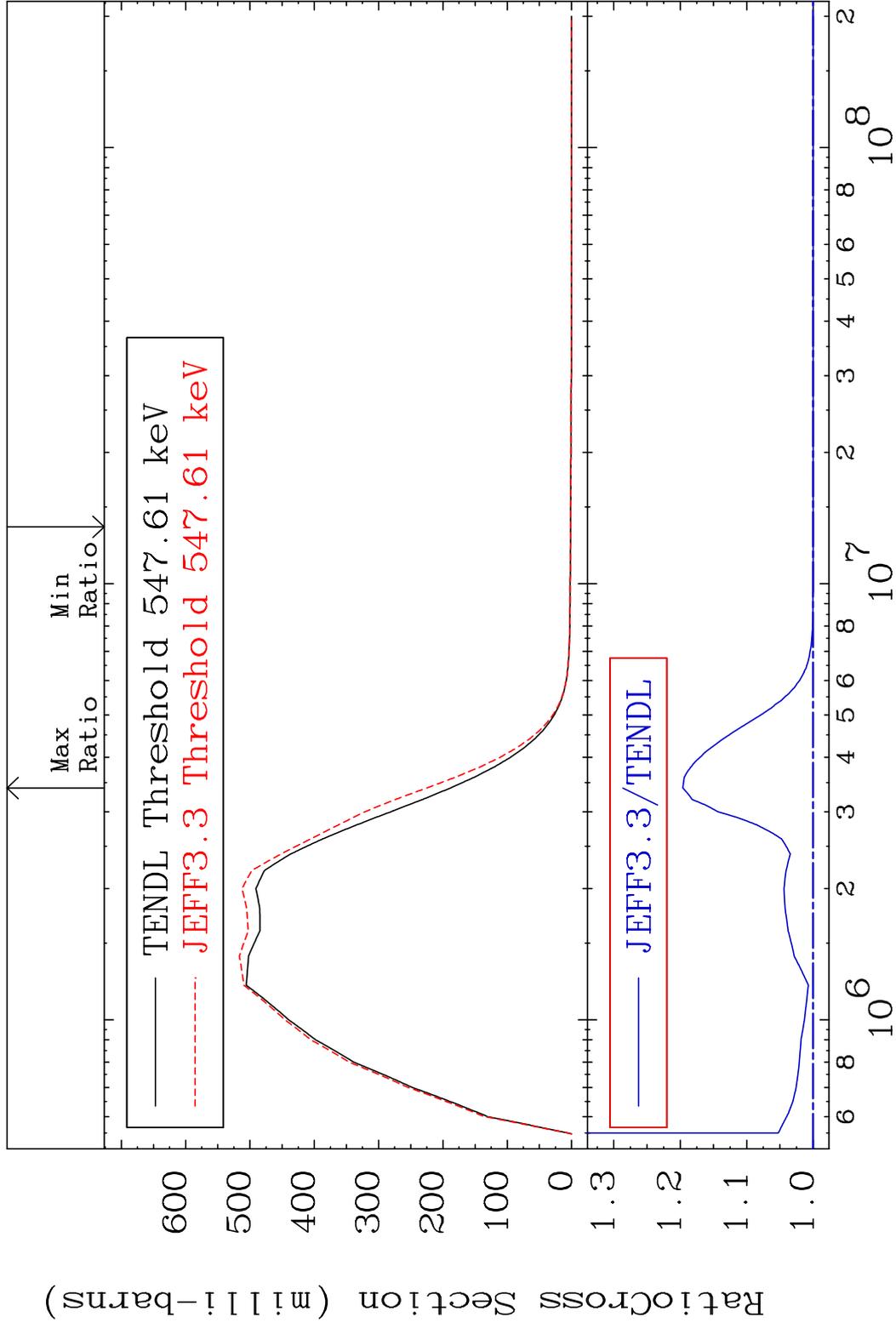


20

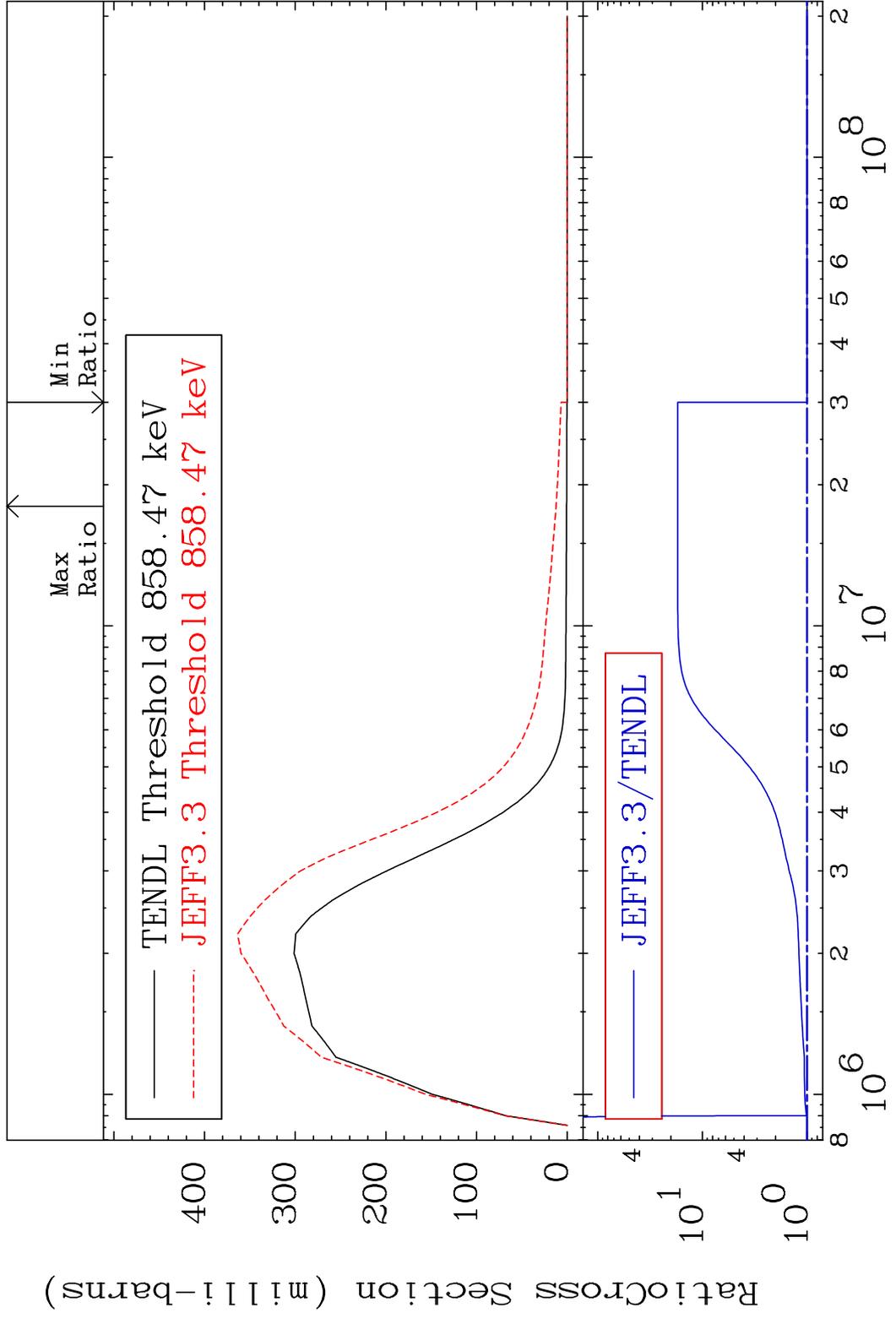
Incident Energy (eV)

84-Po-209

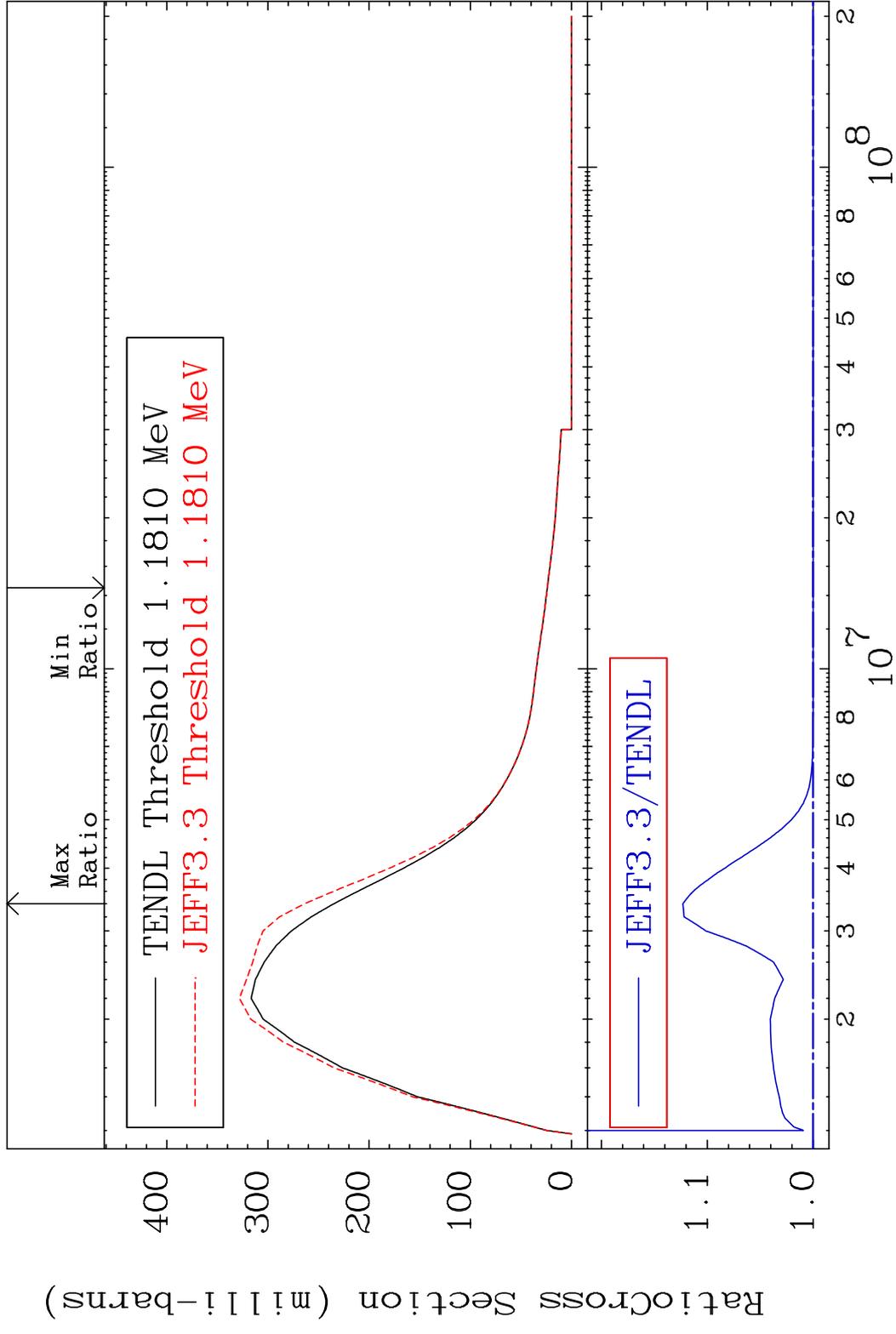
MAT 8434 MT= 51 (n, n') Level 84-Po-209
 Cross Section 0.000 To 19.61 %



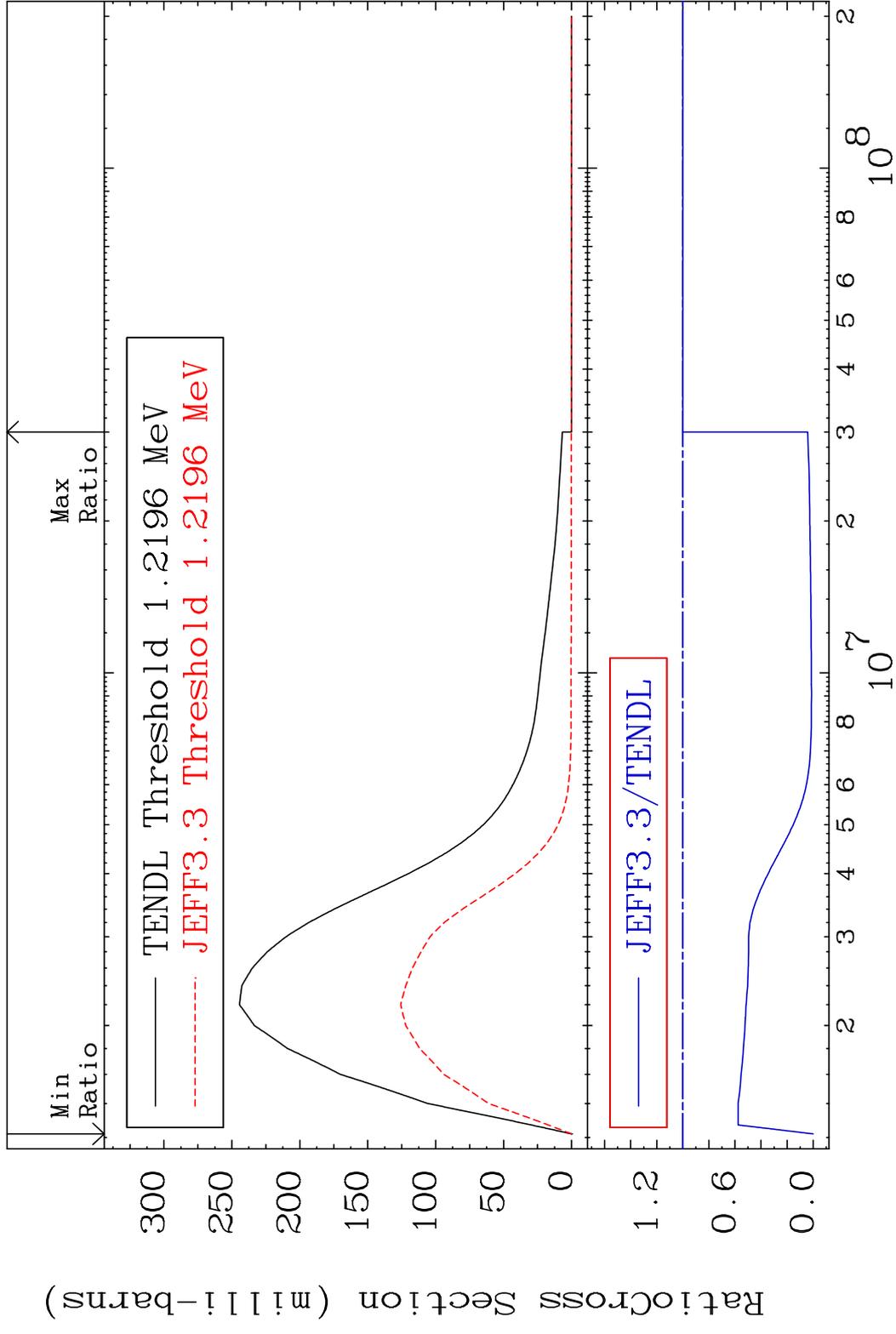
MAT 8434 MT= 52 (n, n') Level 84-Po-209
 Cross Section 0.000 To 1620. %



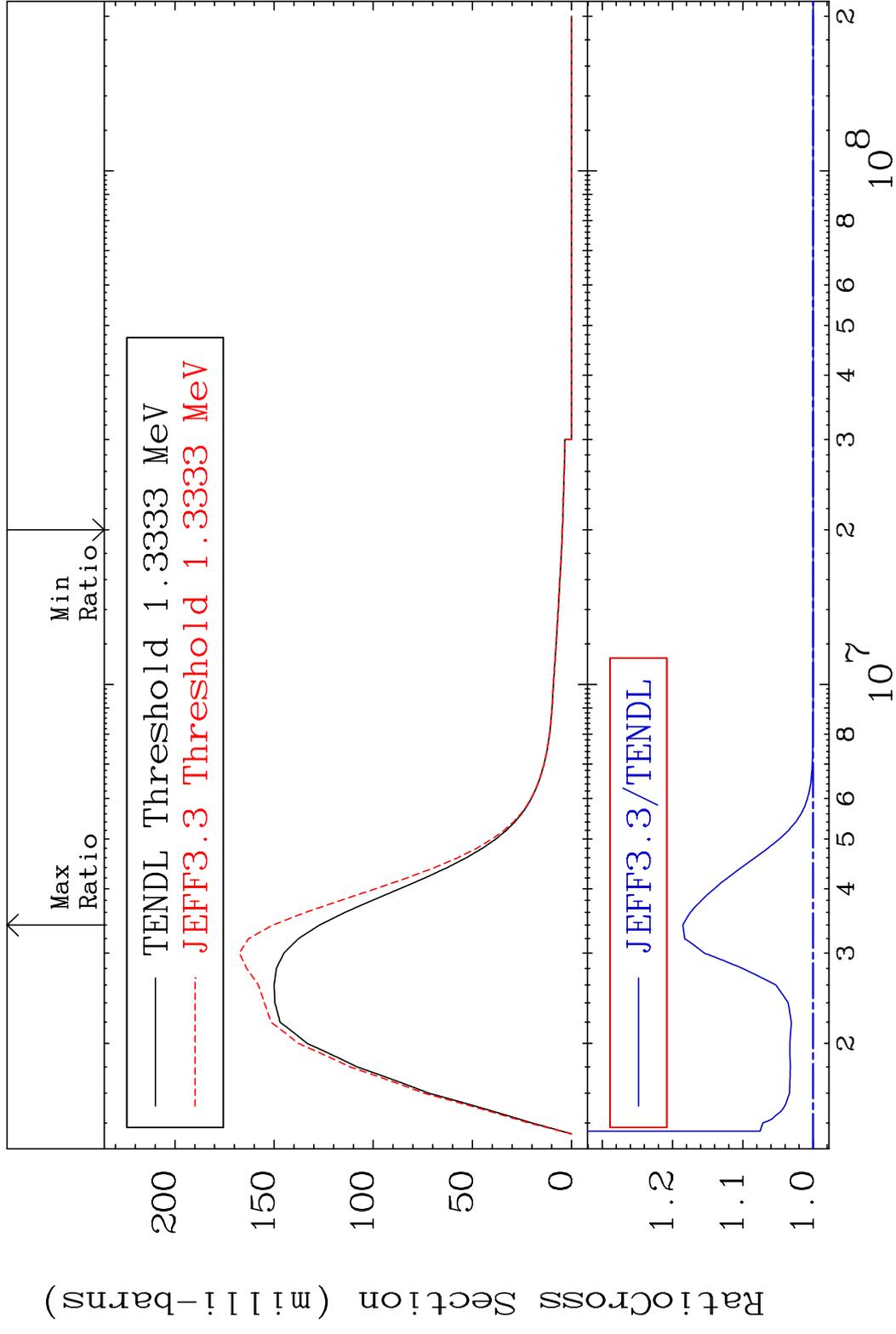
MAT 8434 MT= 53 (n, n') Level 84-Po-209
 Cross Section 0.000 To 12.31 %



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

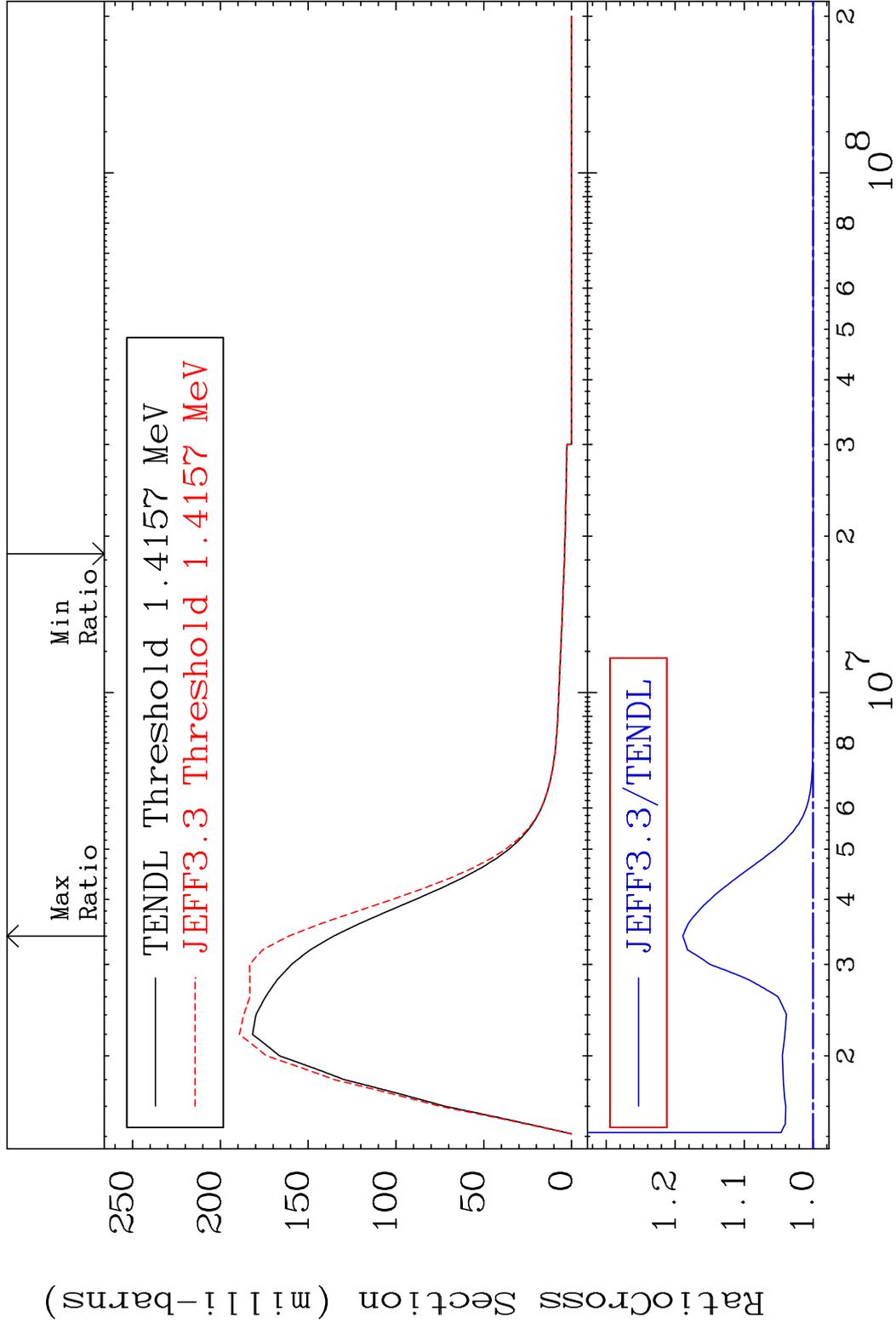


MAT 8434 MT= 55 (n, n') Level 84-Po-209
 Cross Section 0.000 To 18.53 %

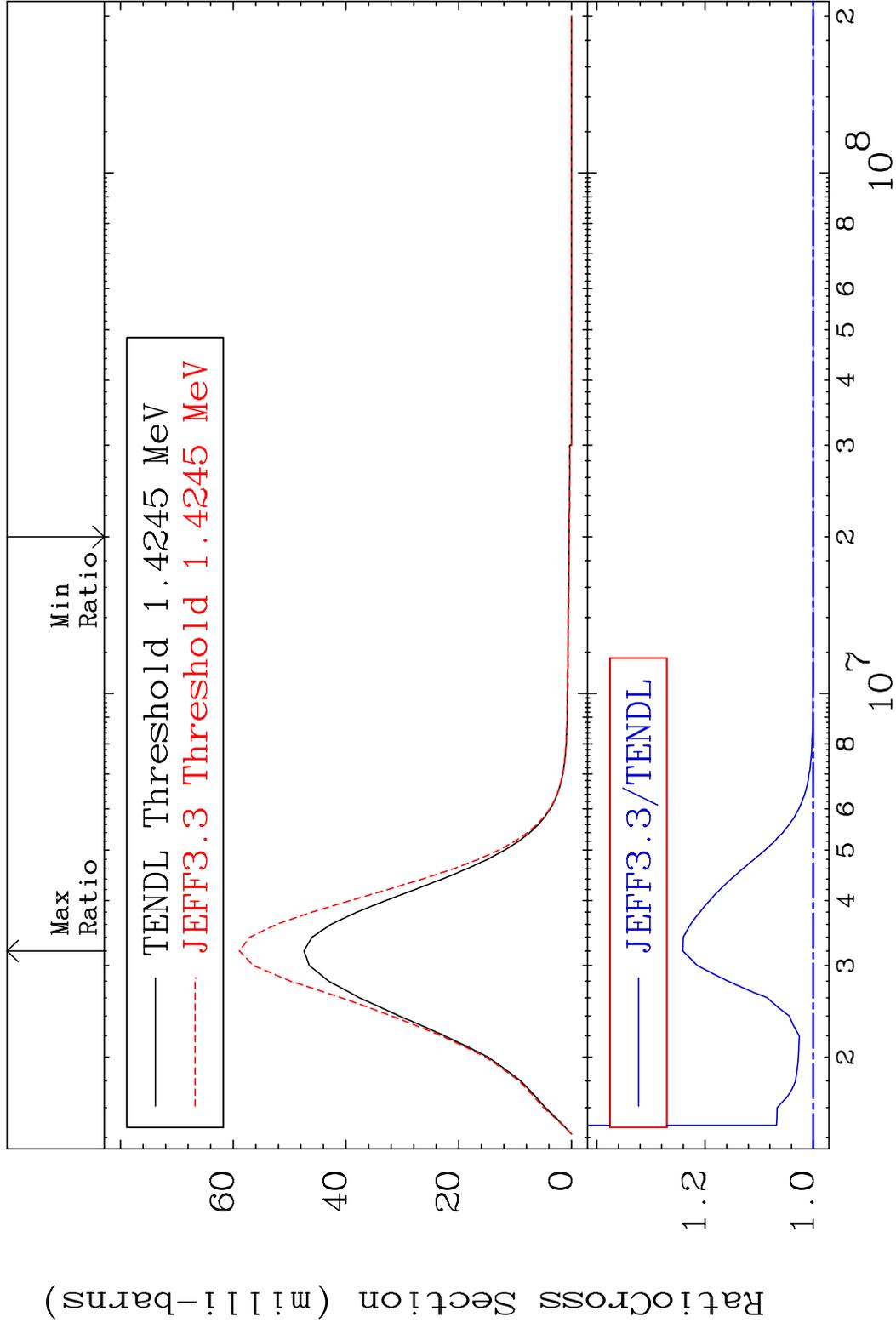


MAT 8434

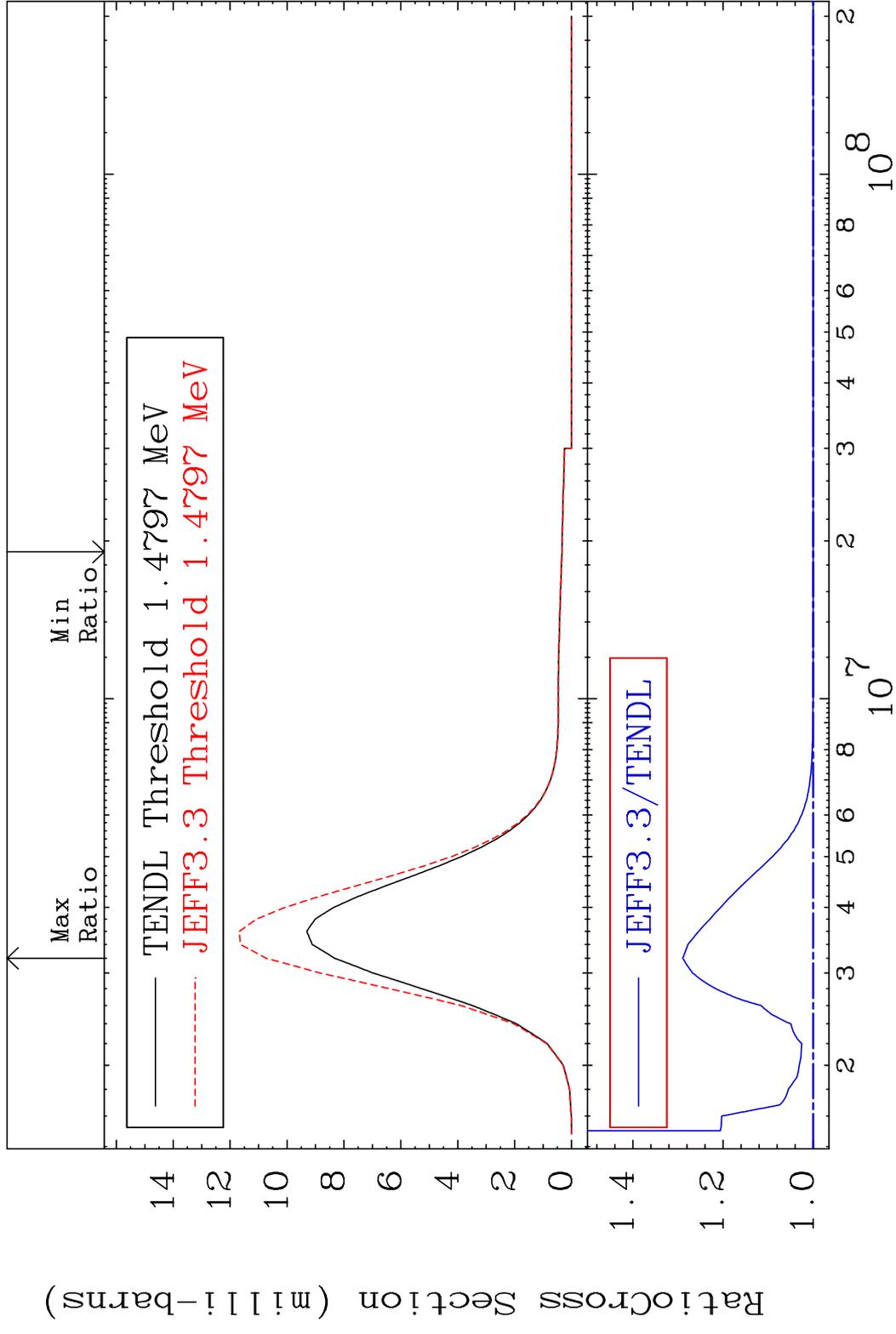
MT= 56 (n,n') Level 84-Po-209
Cross Section 0.000 To 18.89 %



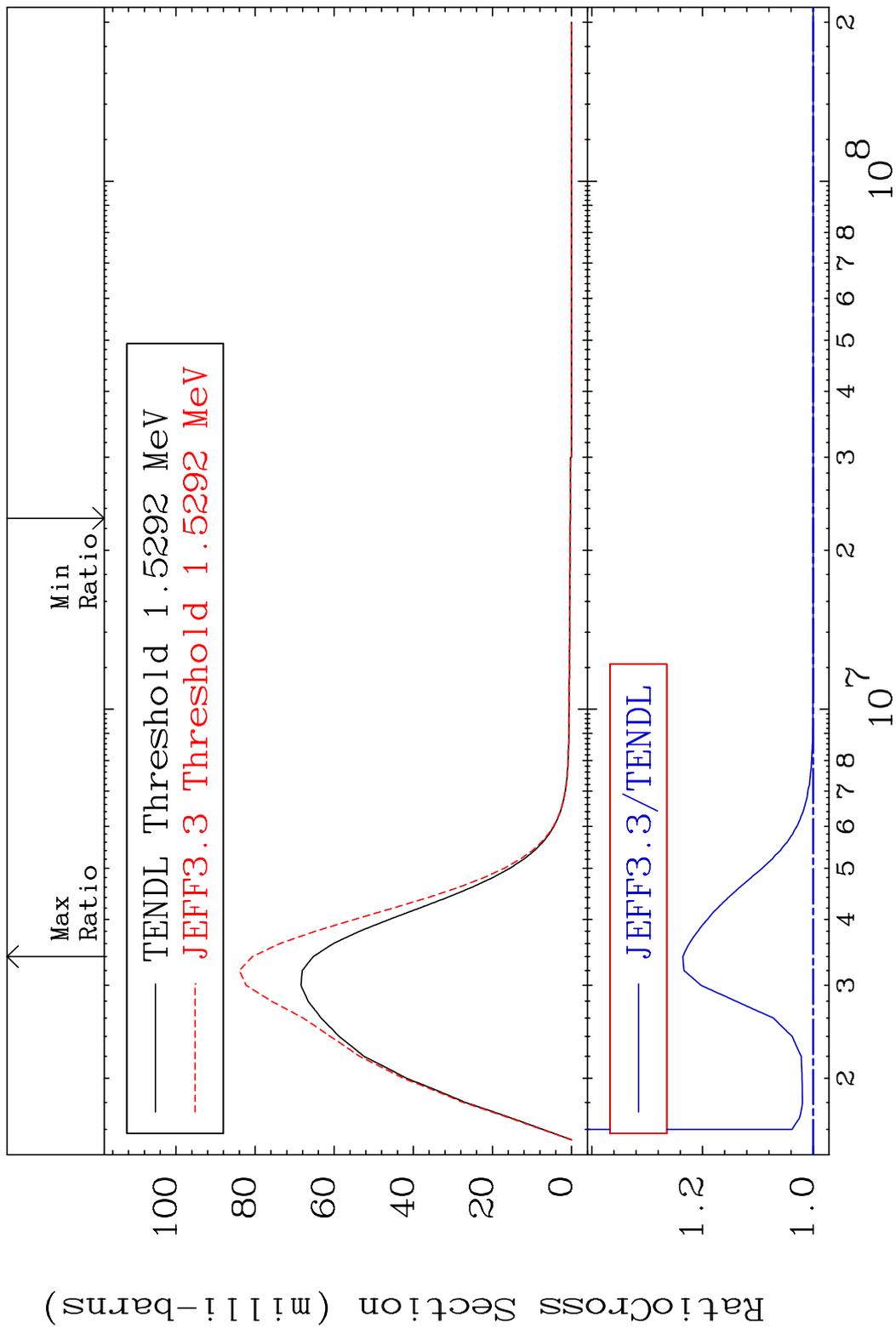
MAT 8434 MT= 57 (n,n') Level 84-Po-209
 Cross Section 0.000 To 24.10 %



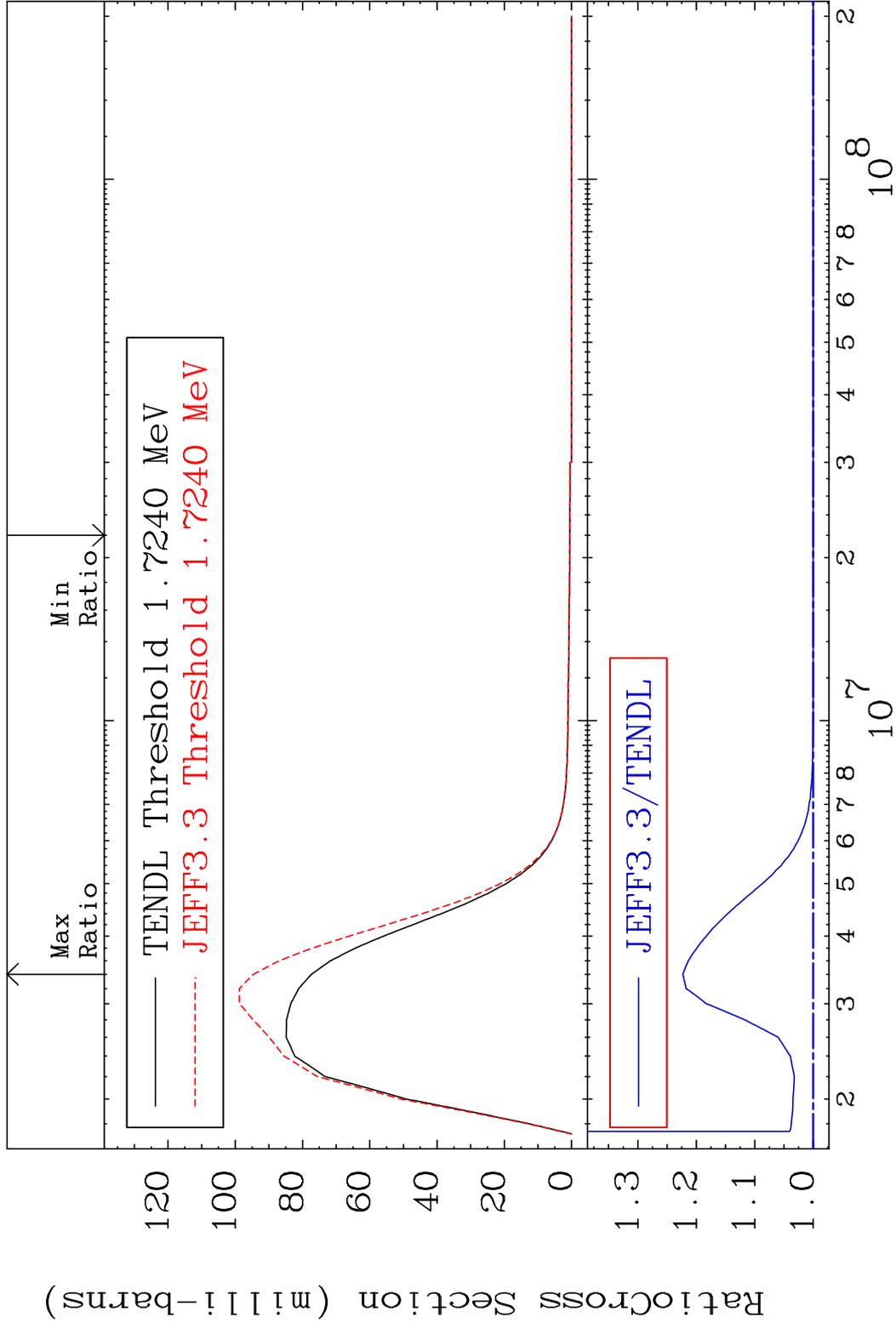
MAT 8434 MT= 58 (n,n') Level 84-Po-209
 Cross Section 0.000 To 28.90 %



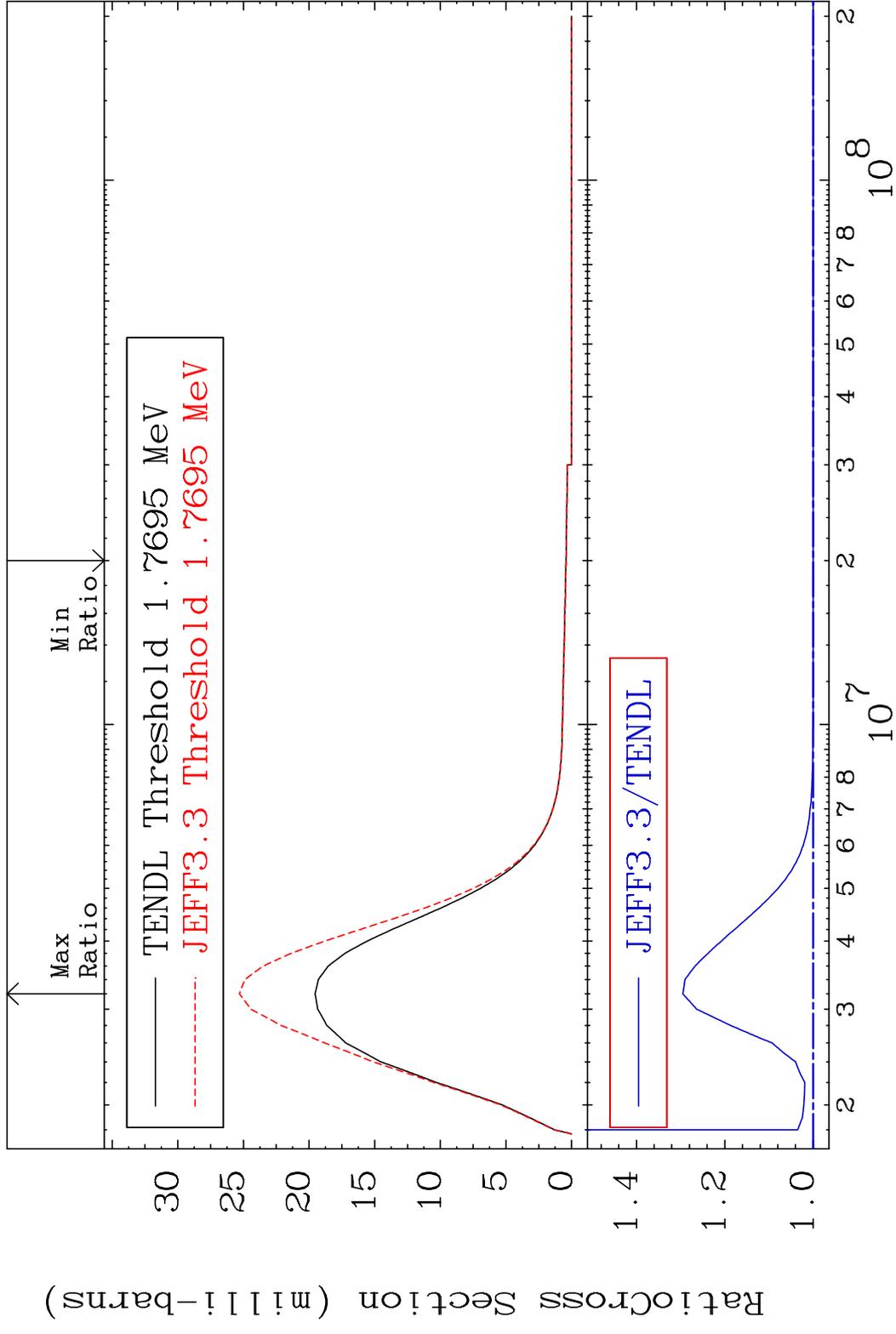
MAT 8434 MT= 59 (n, n') Level 84-Po-209
 Cross Section 0.000 To 23.54 %



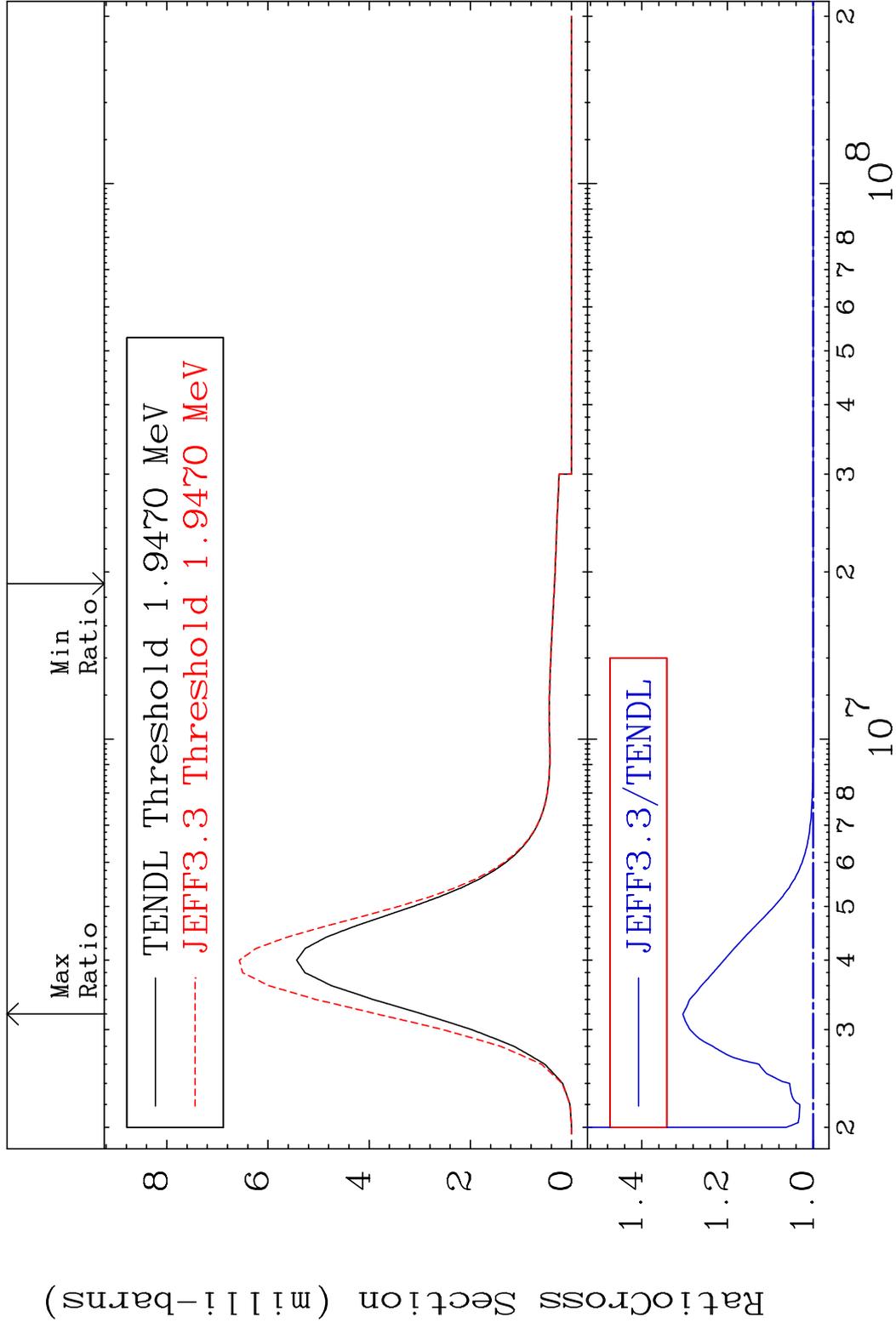
MAT 8434 MT= 60 (n, n') Level 84-Po-209
 Cross Section 0.000 To 22.29 %



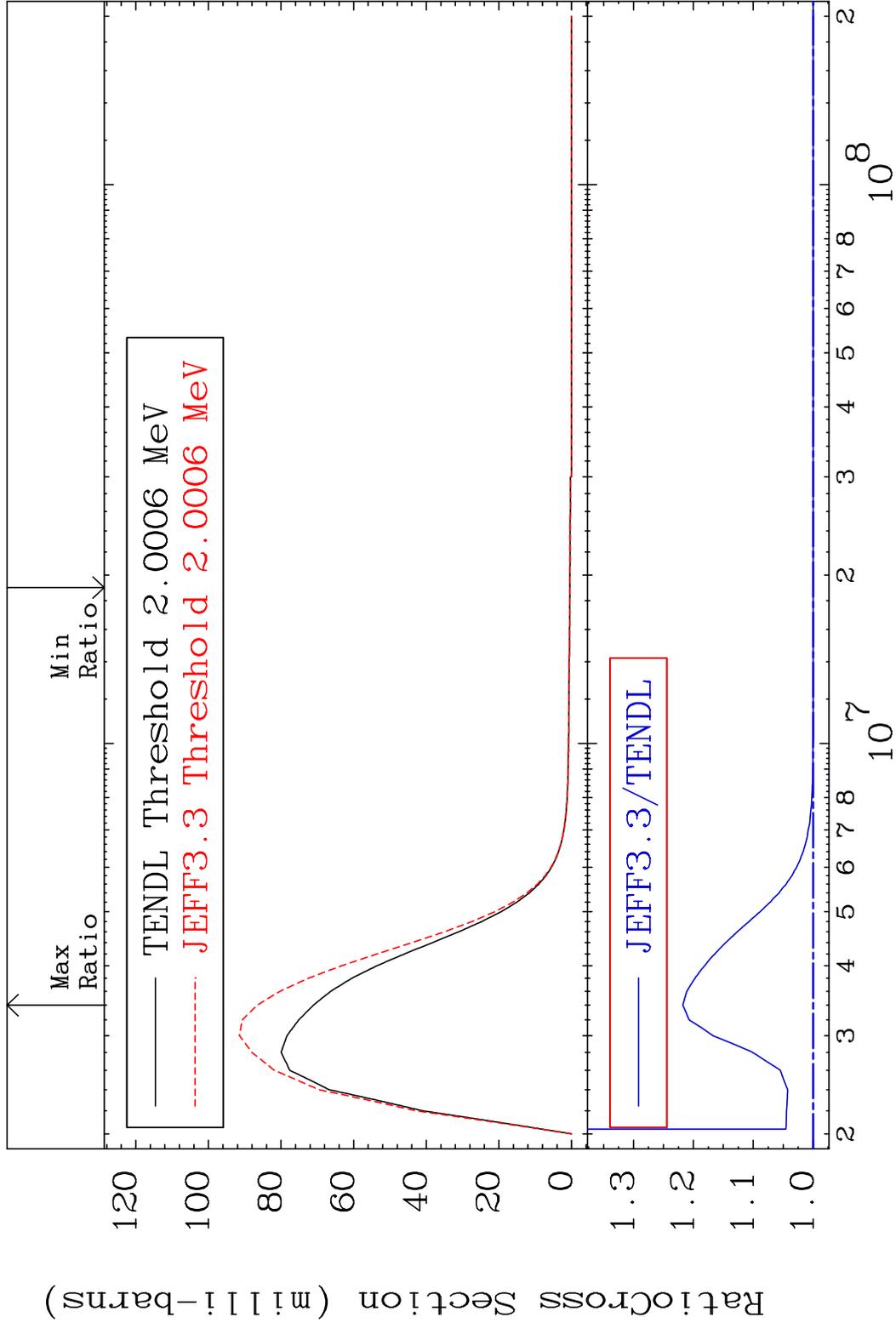
MAT 8434 MT= 61 (n, n') Level 84-Po-209
 Cross Section 0.000 To 29.50 %



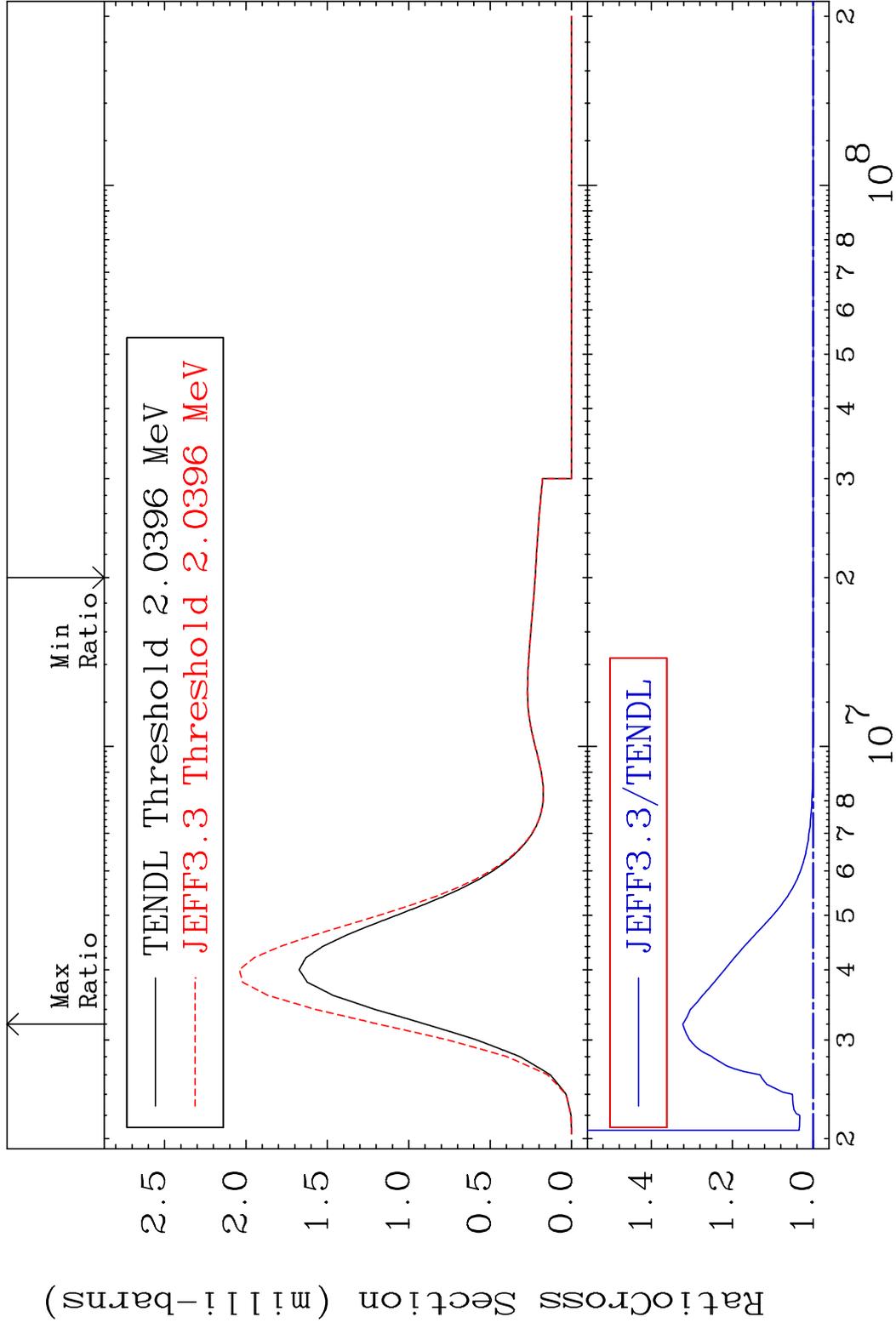
MAT 8434 MT= 62 (n, n') Level 84-Po-209
 Cross Section 0.000 To 30.42 %



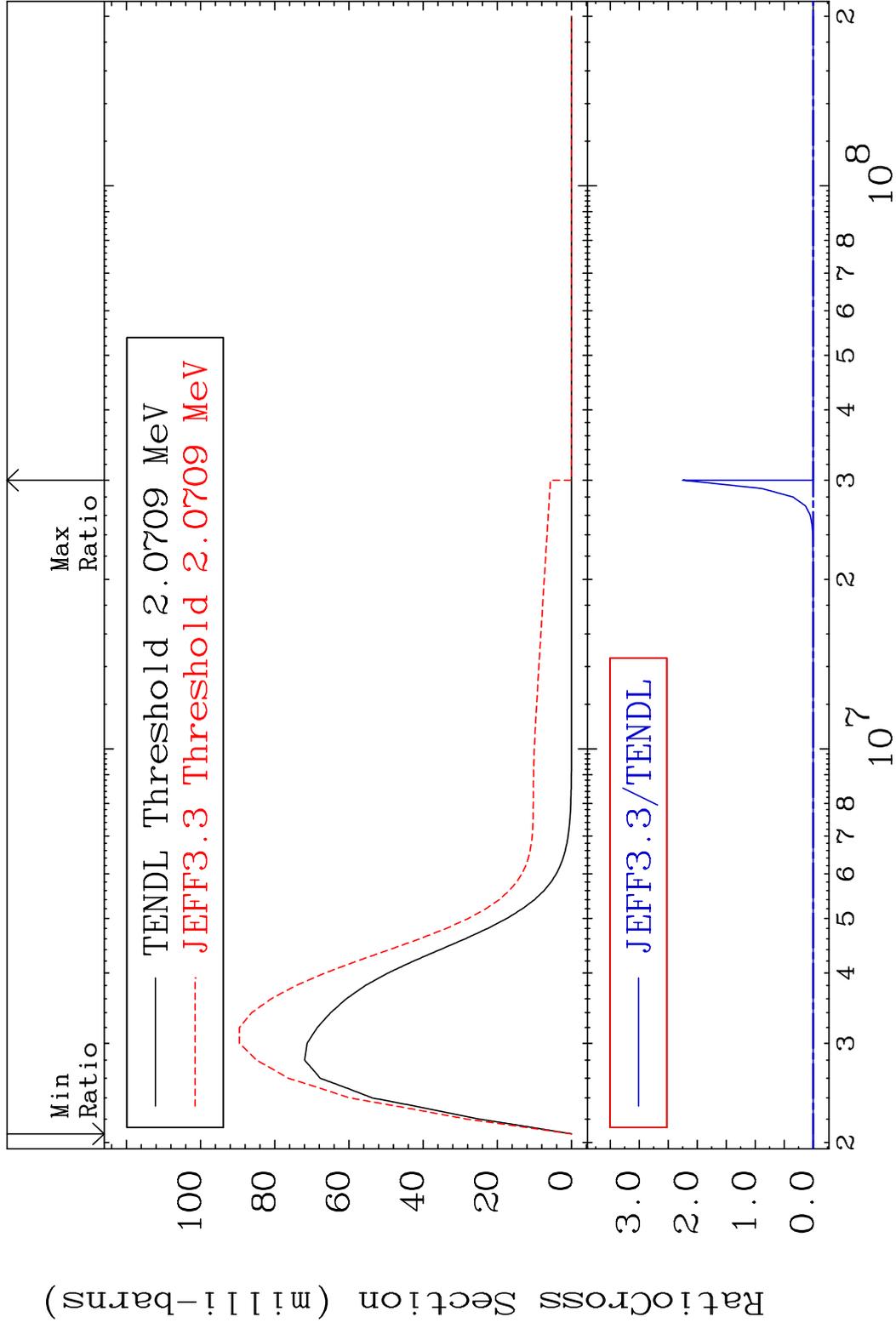
MAT 8434 MT= 63 (n, n') Level 84-Po-209
 Cross Section 0.000 To 21.76 %



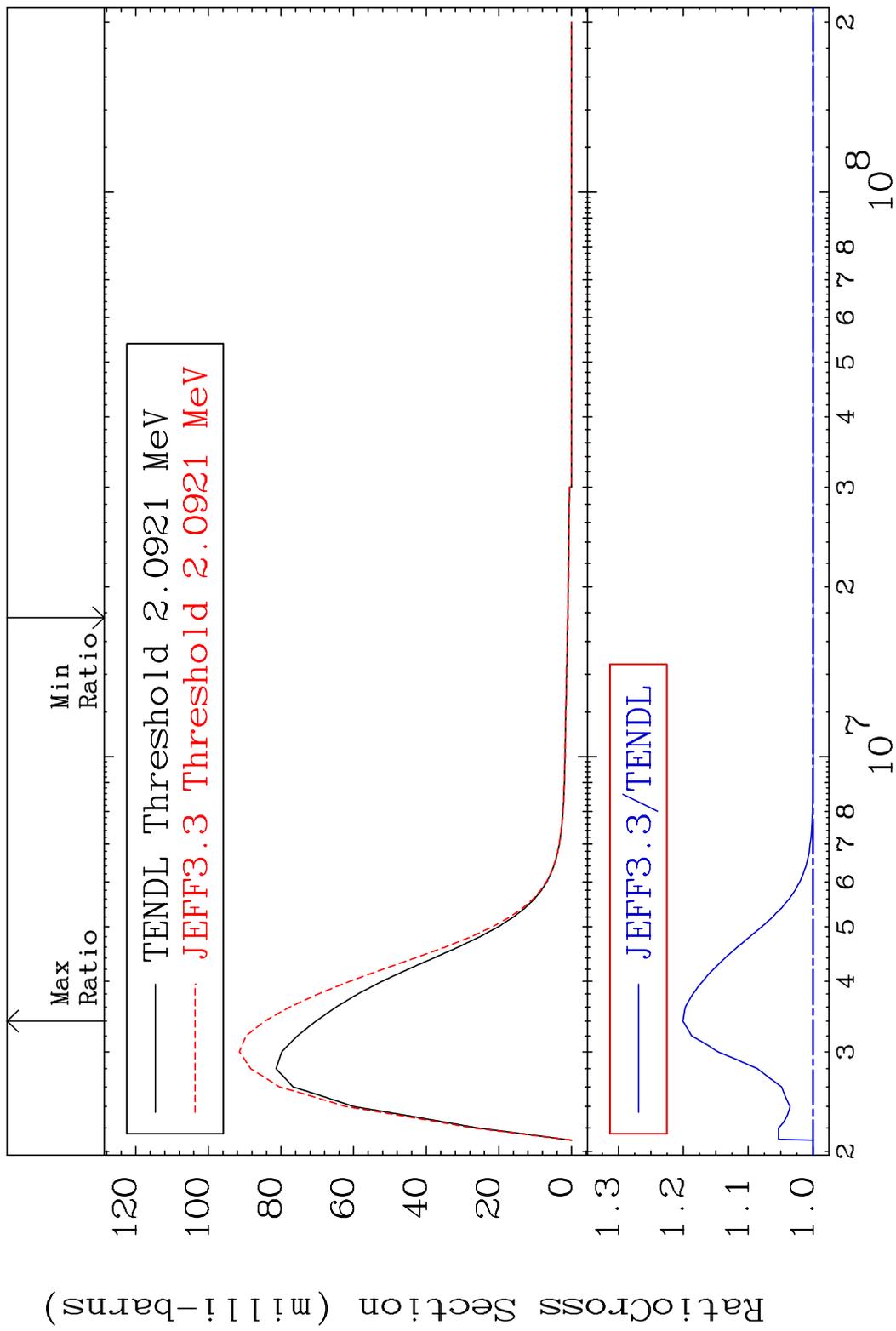
MAT 8434 MT= 64 (n, n') Level 84-Po-209
 Cross Section 0.000 To 32.23 %



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 0.000 To 20.08 %

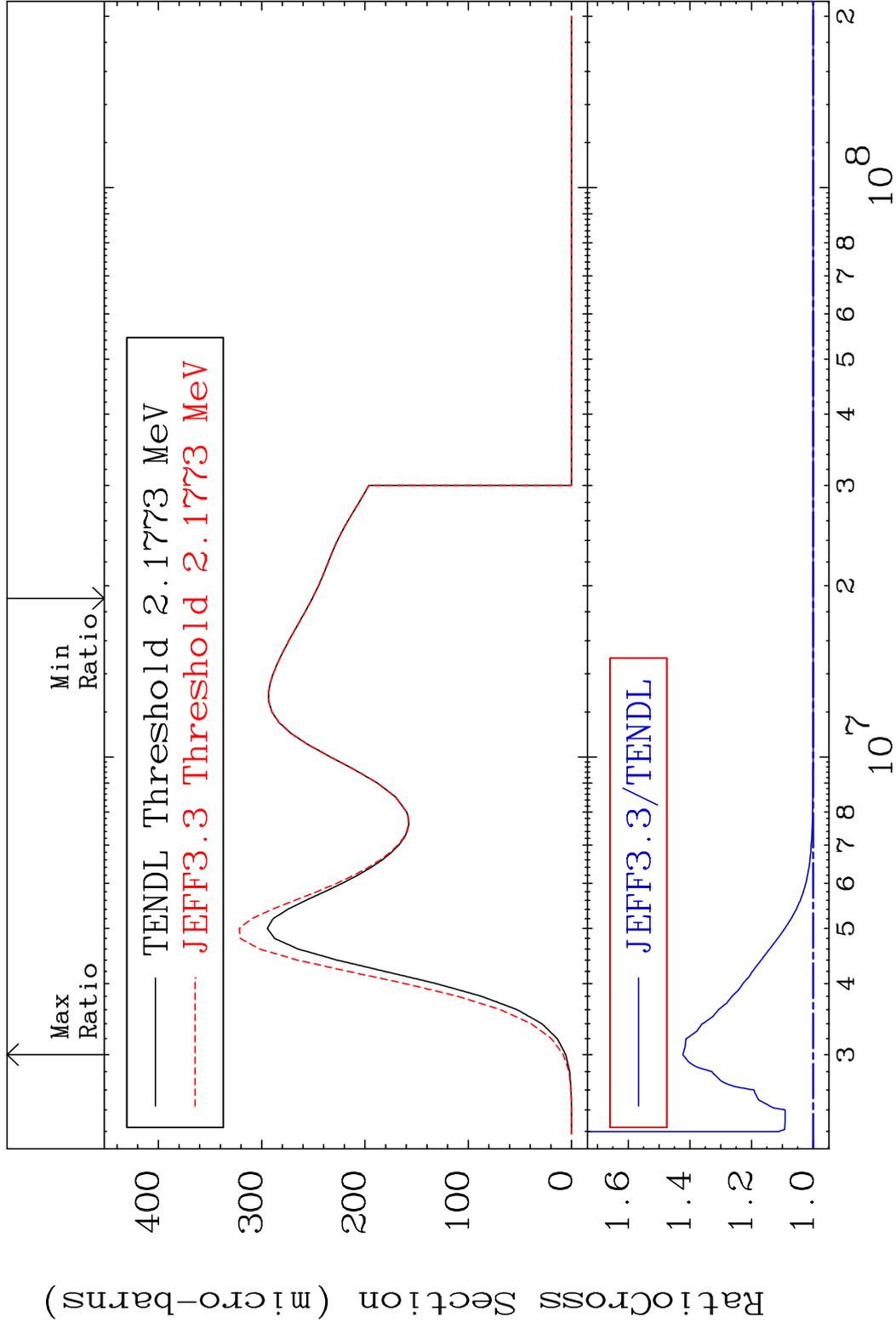


MAT 8434

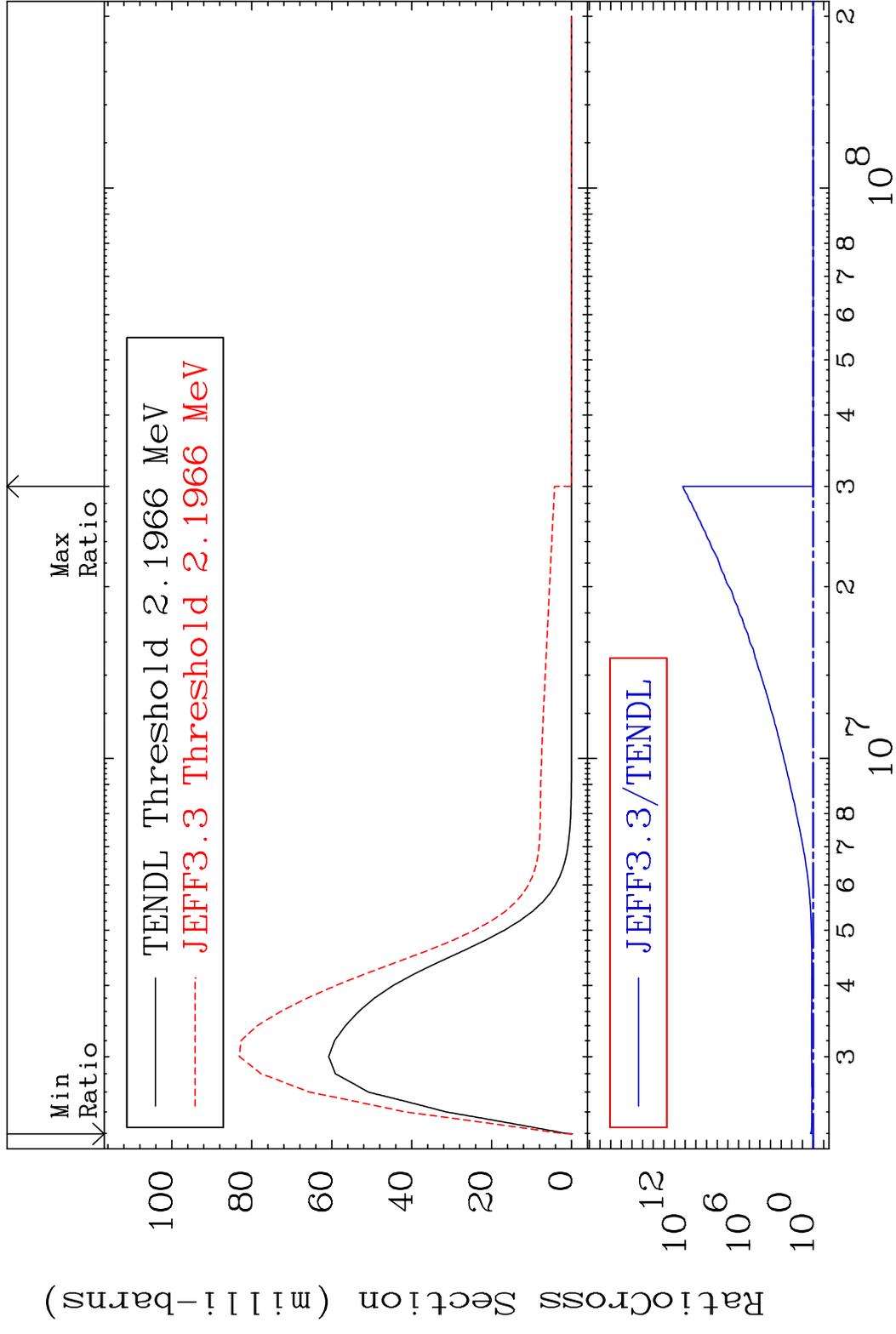
MT= 67 (n, n') Level

84-Po-209

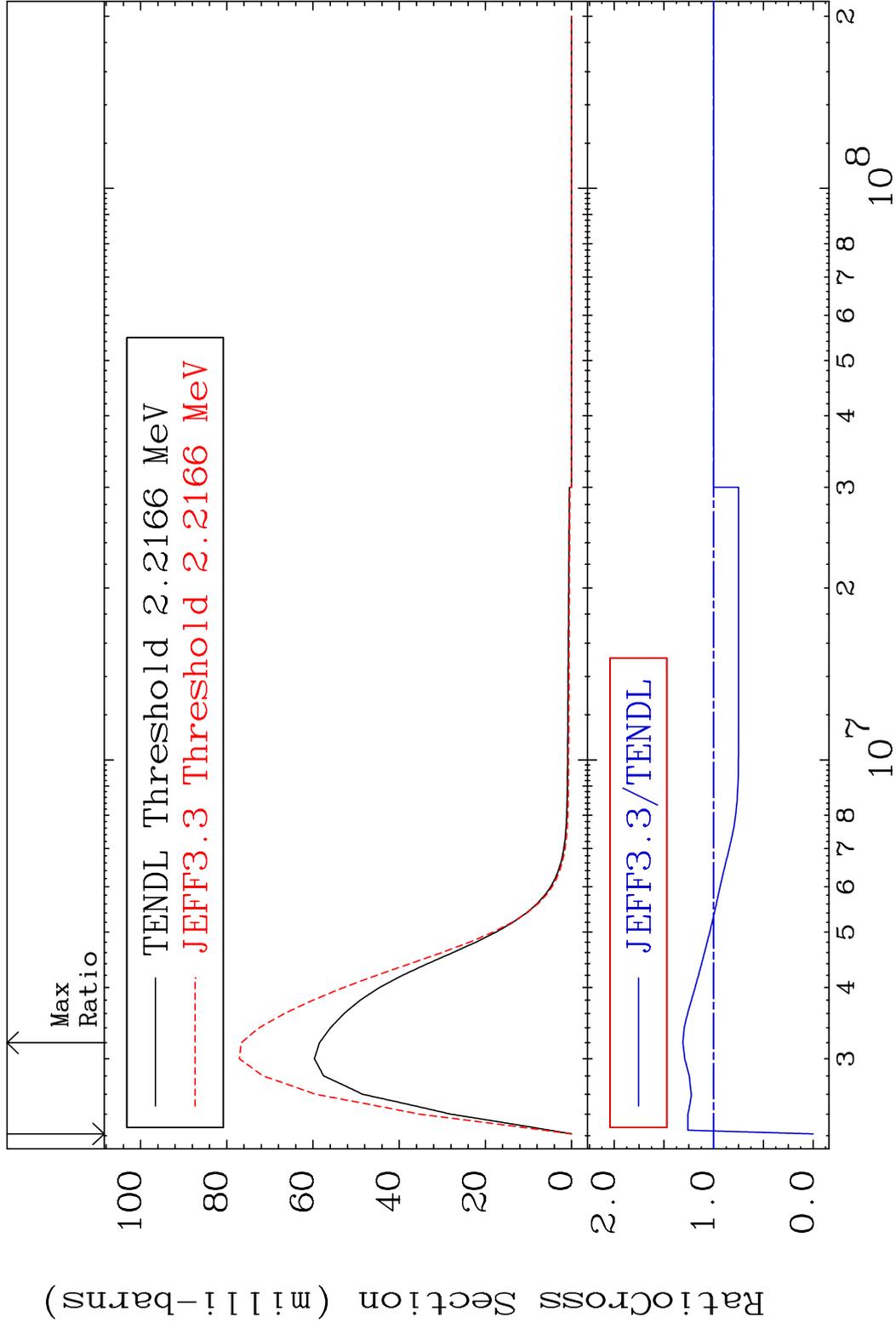
Cross Section 0.000 To 42.28 %



MAT 8434 MT= 68 (n, n') Level 84-Po-209
 Cross Section 0.000 To 9999. %



MAT 8434 MT= 69 (n, n') Level 84-Po-209
 Cross Section -100.0 To 31.05 %

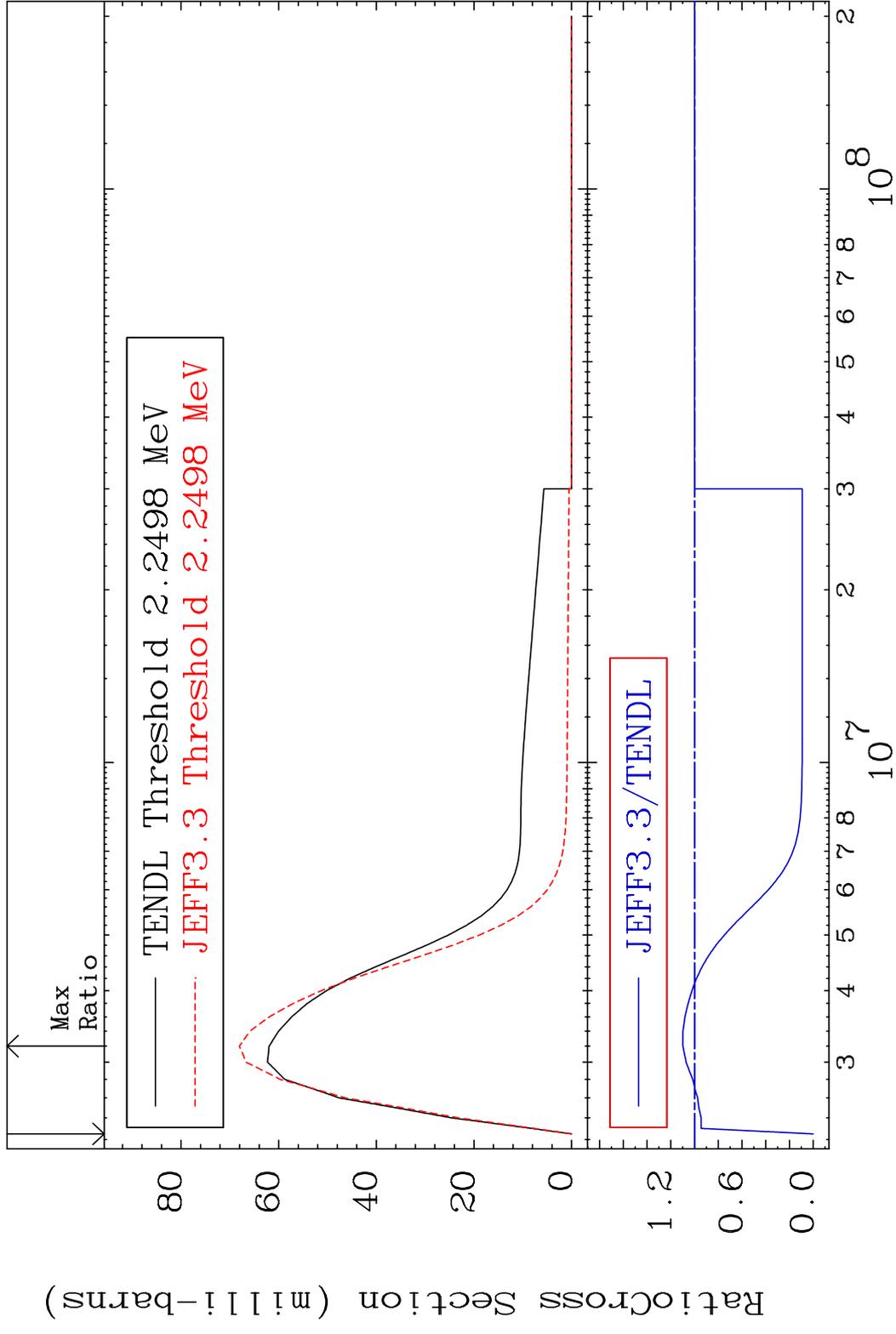


MAT 8434

MT= 70 (n, n') Level

84-Po-209

Cross Section -100.0 To 9.828 %



40

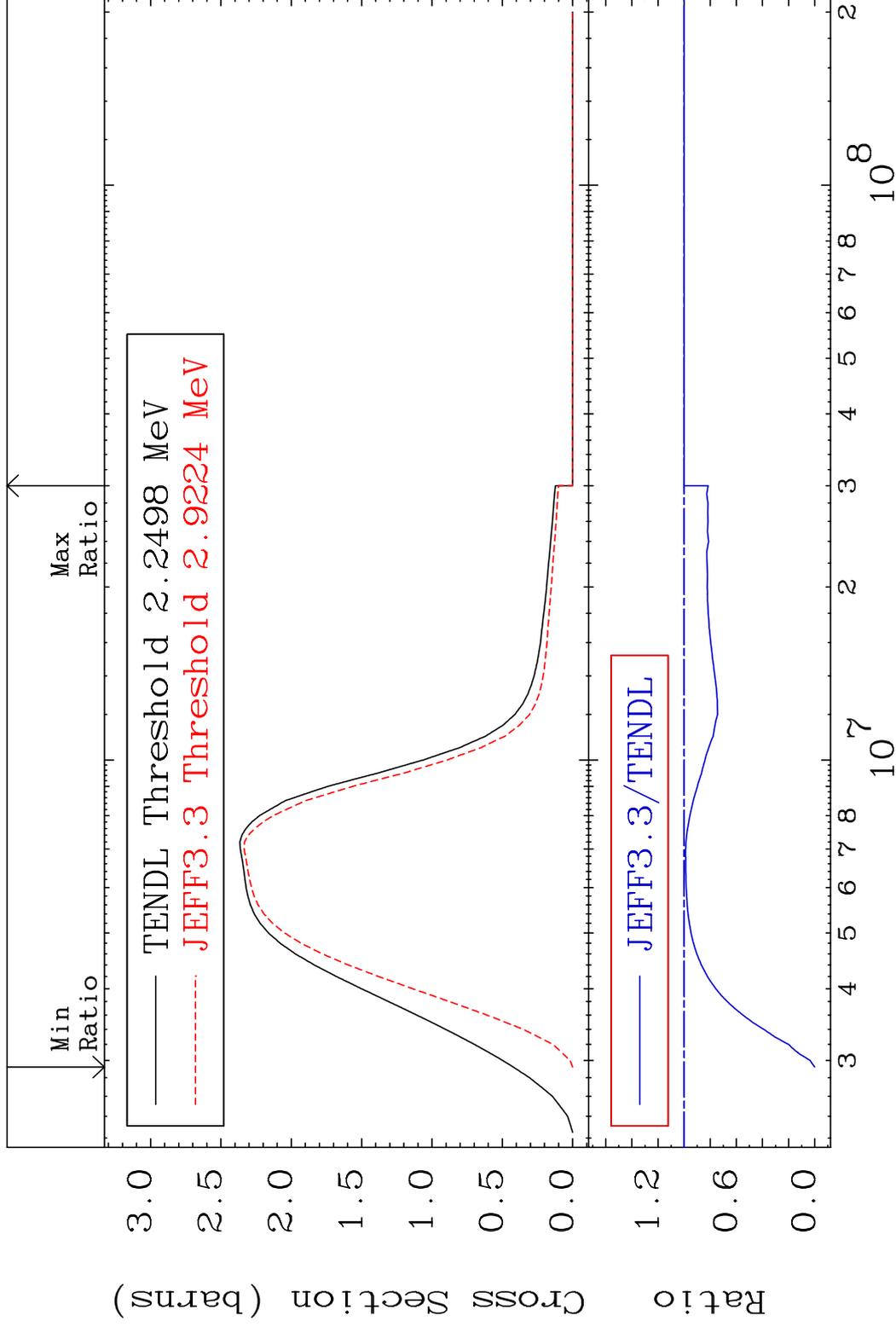
Incident Energy (eV)

84-Po-209

MAT 8434

(n, n') Continuum
Cross Section -100.0 To 0.000 %

84-Po-209



41

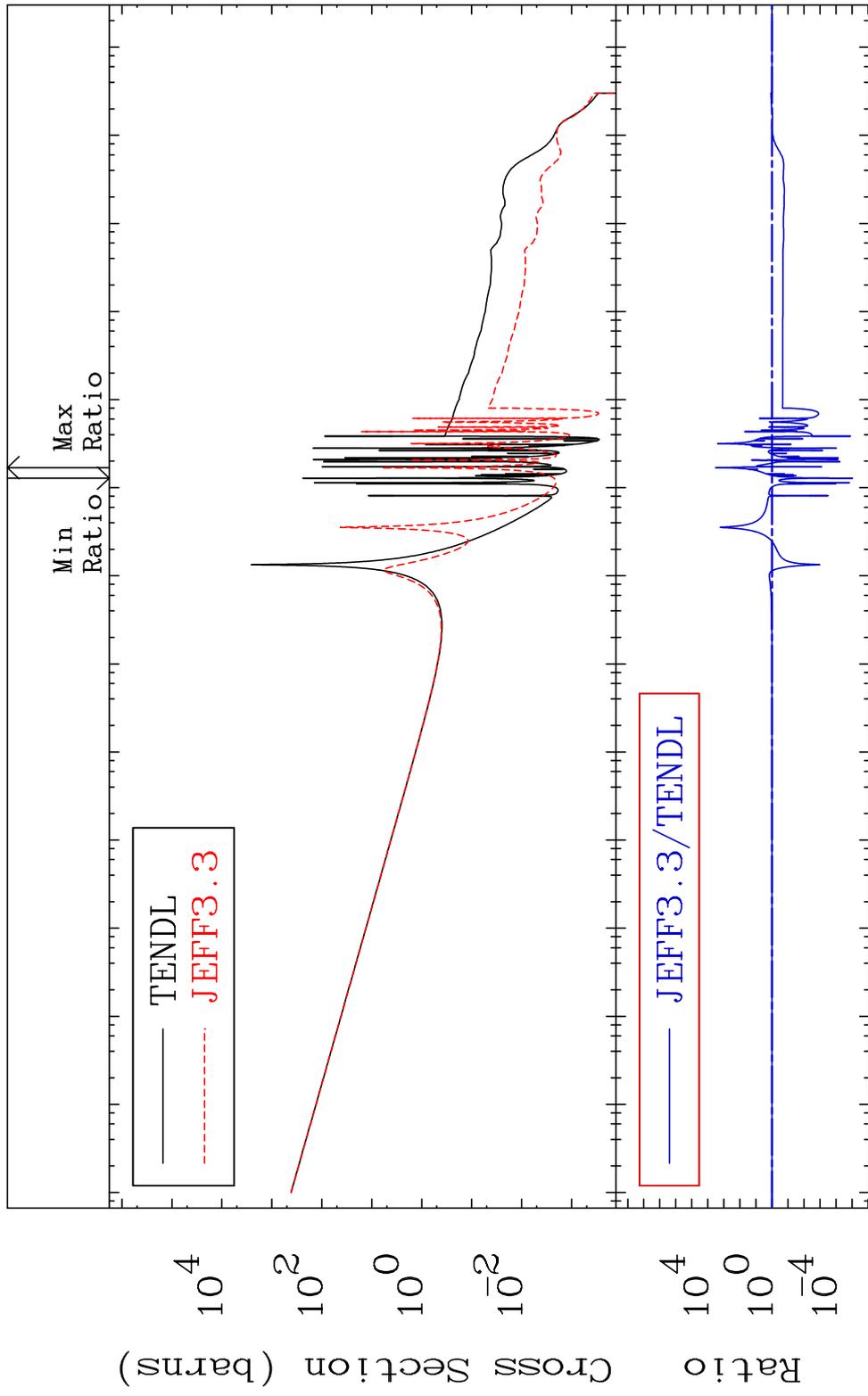
Incident Energy (eV)

84-Po-209

MAT 8434

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

84-Po-209



42

Incident Energy (eV)

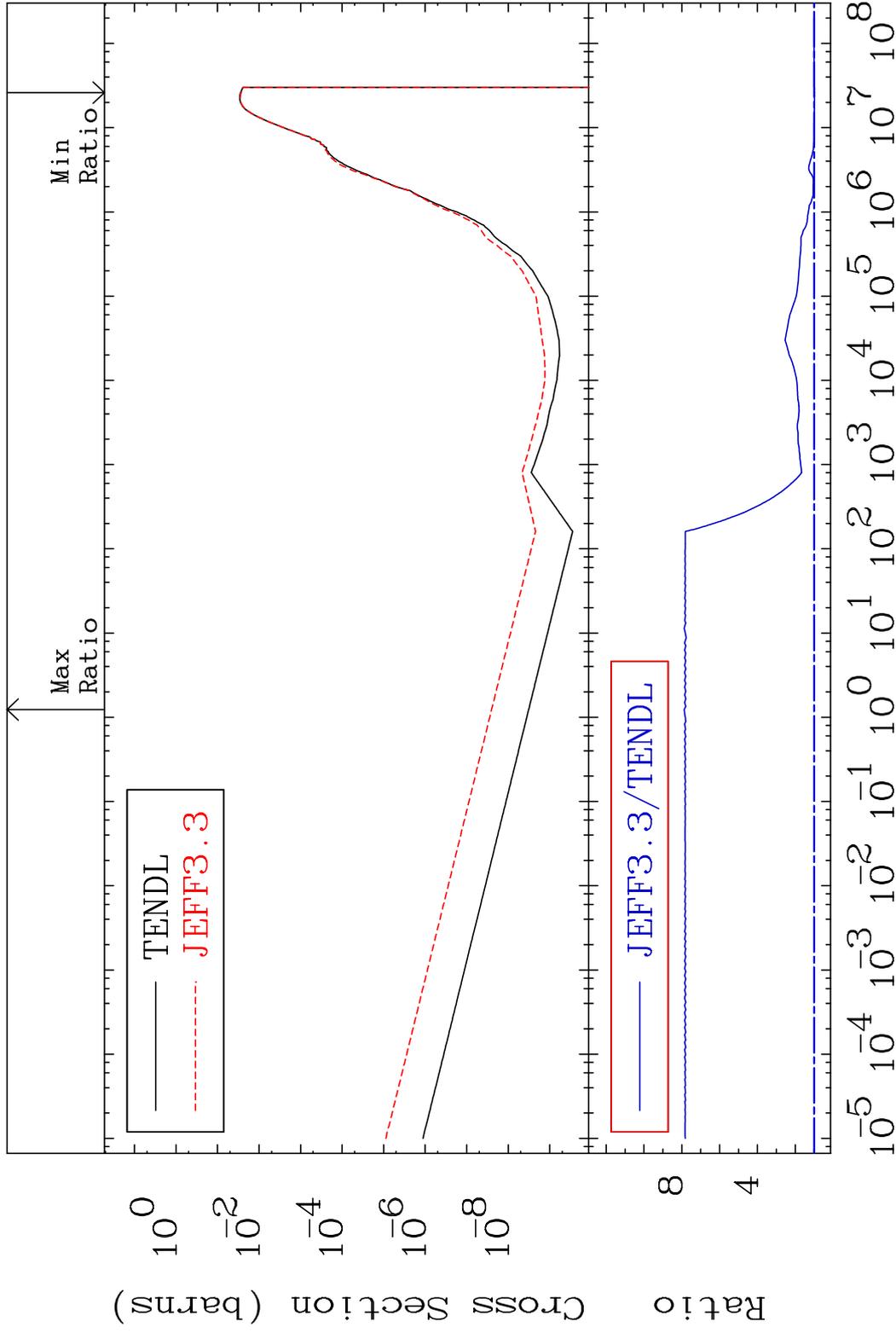
84-Po-209

MAT 8434

(n, p)

84-Po-209

Cross Section -3.035 To 687.8 %



43

Incident Energy (eV)

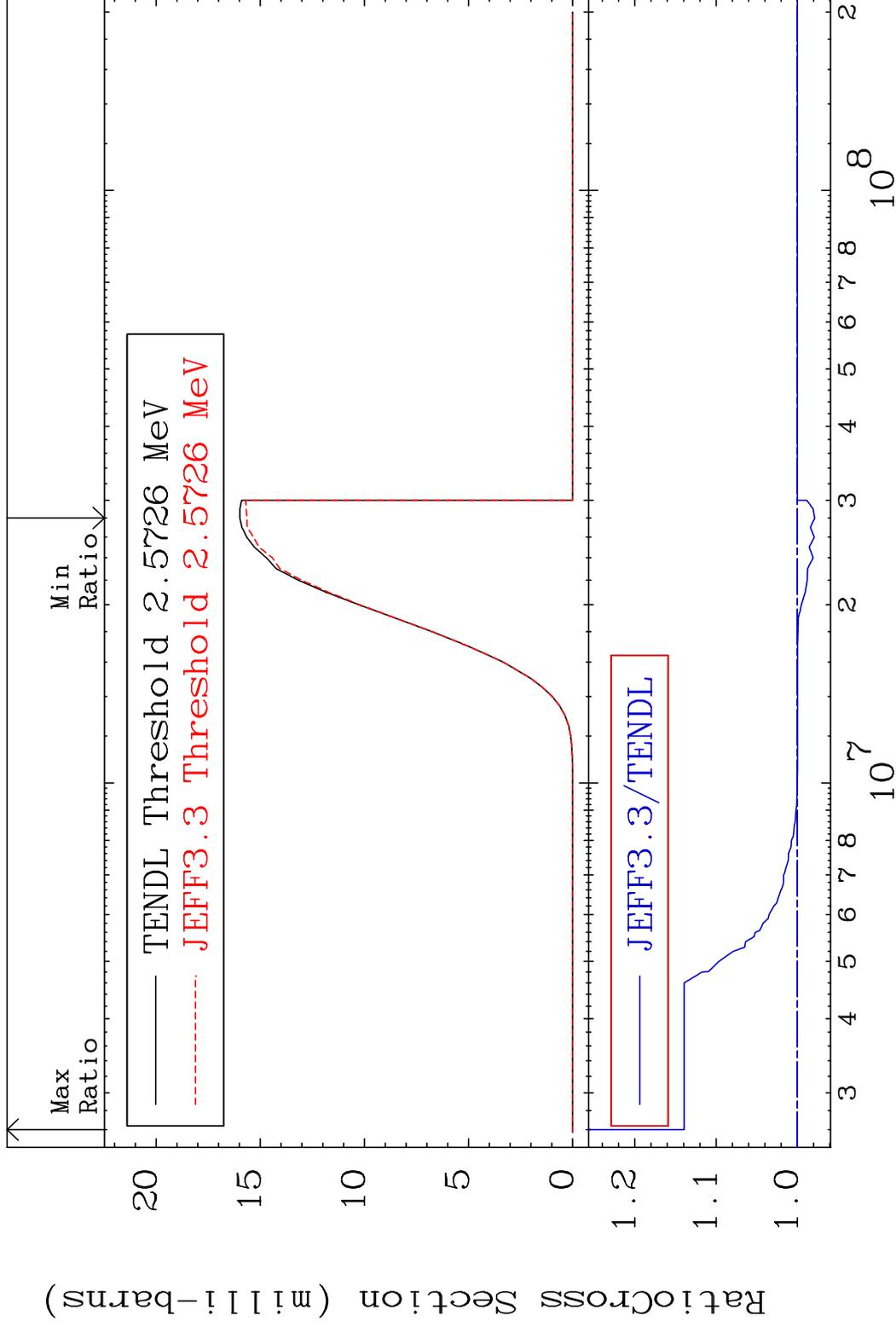
84-Po-209

MAT 8434

(n, d)

84-Po-209

Cross Section -2.135 To 13.93 %



44

Incident Energy (eV)

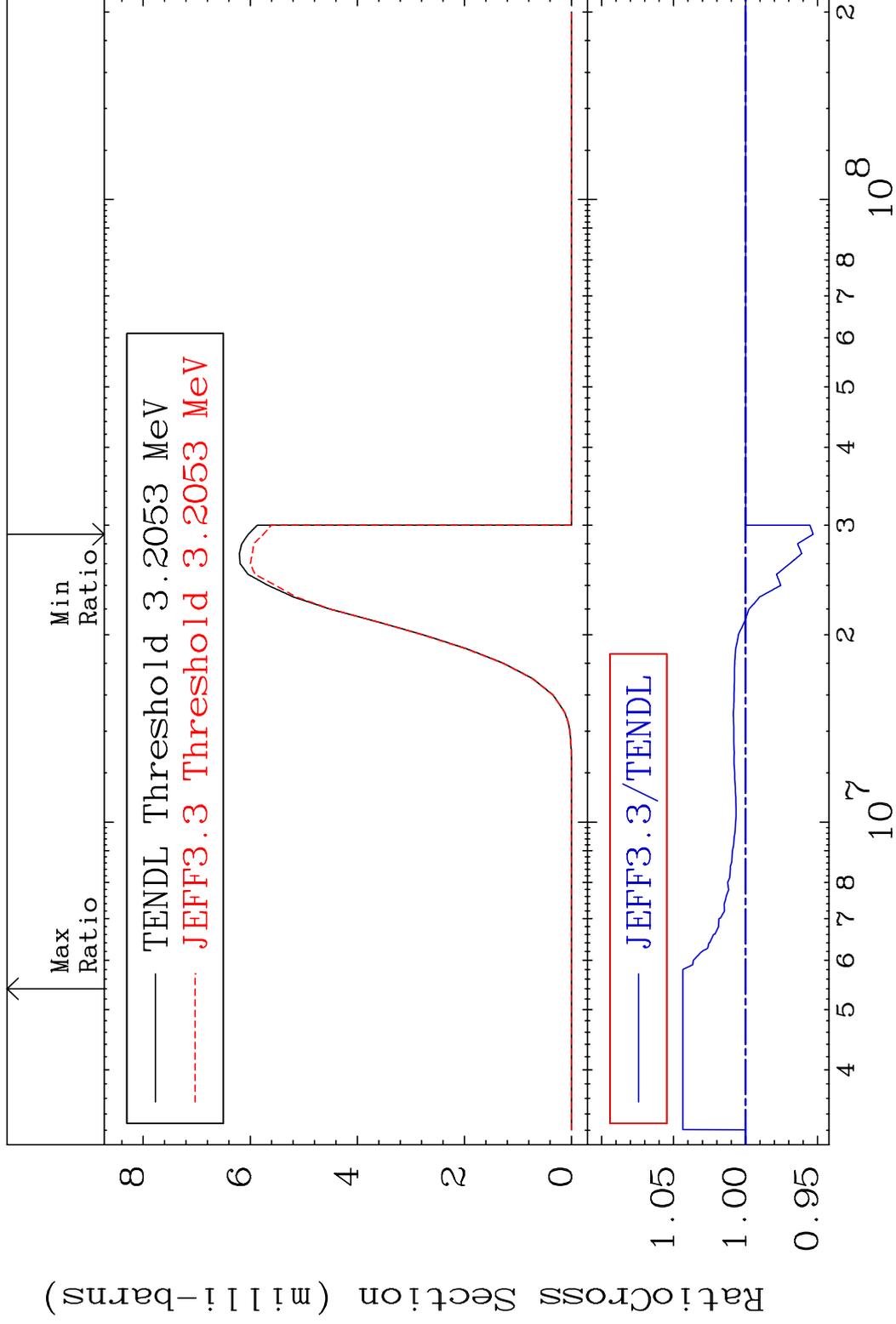
84-Po-209

MAT 8434

(n, t)

84-Po-209

Cross Section -4.693 To 4.358 %



45

Incident Energy (eV)

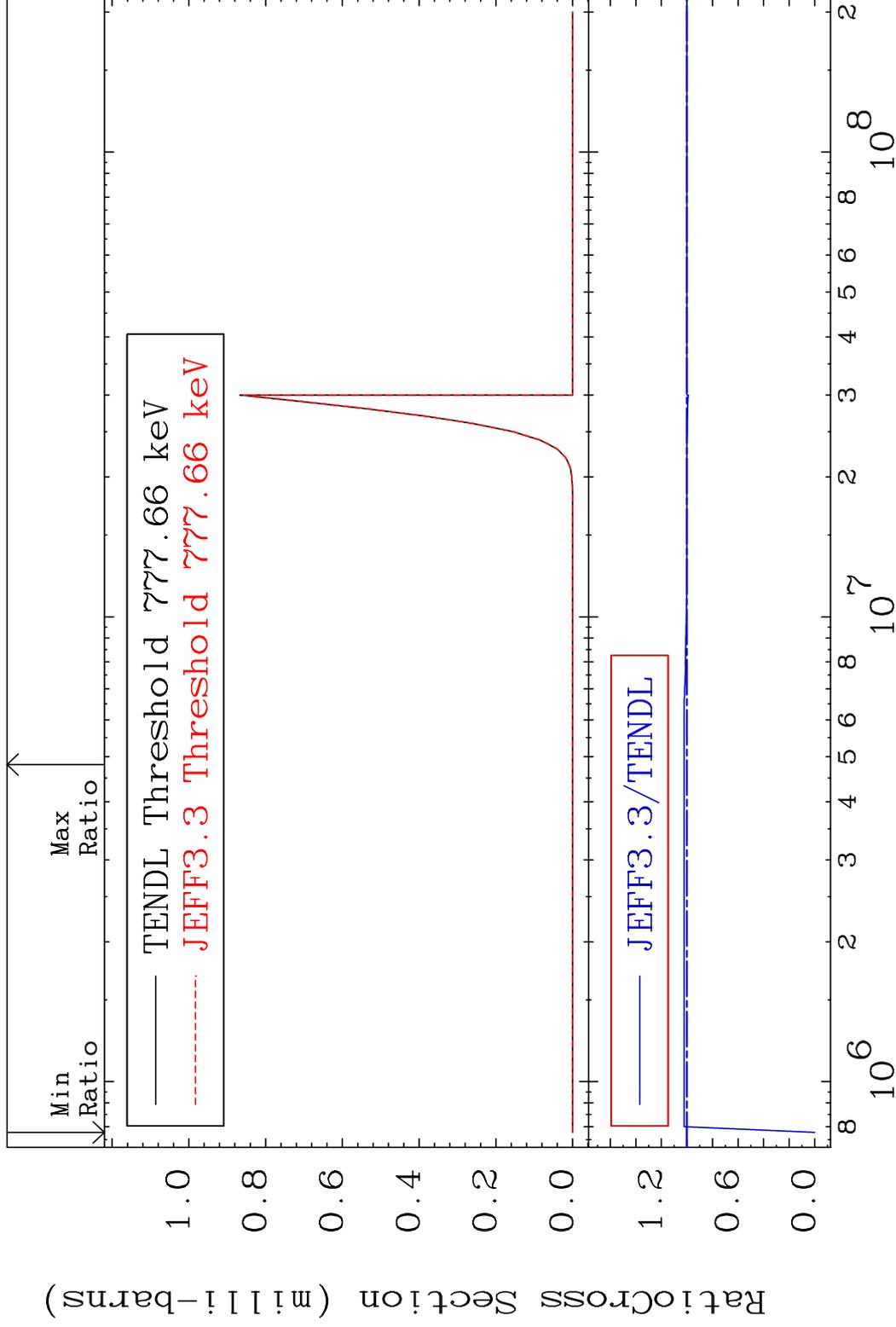
84-Po-209

MAT 8434

(n, He-3)

84-Po-209

Cross Section -100.0 To 2.203 %



46

Incident Energy (eV)

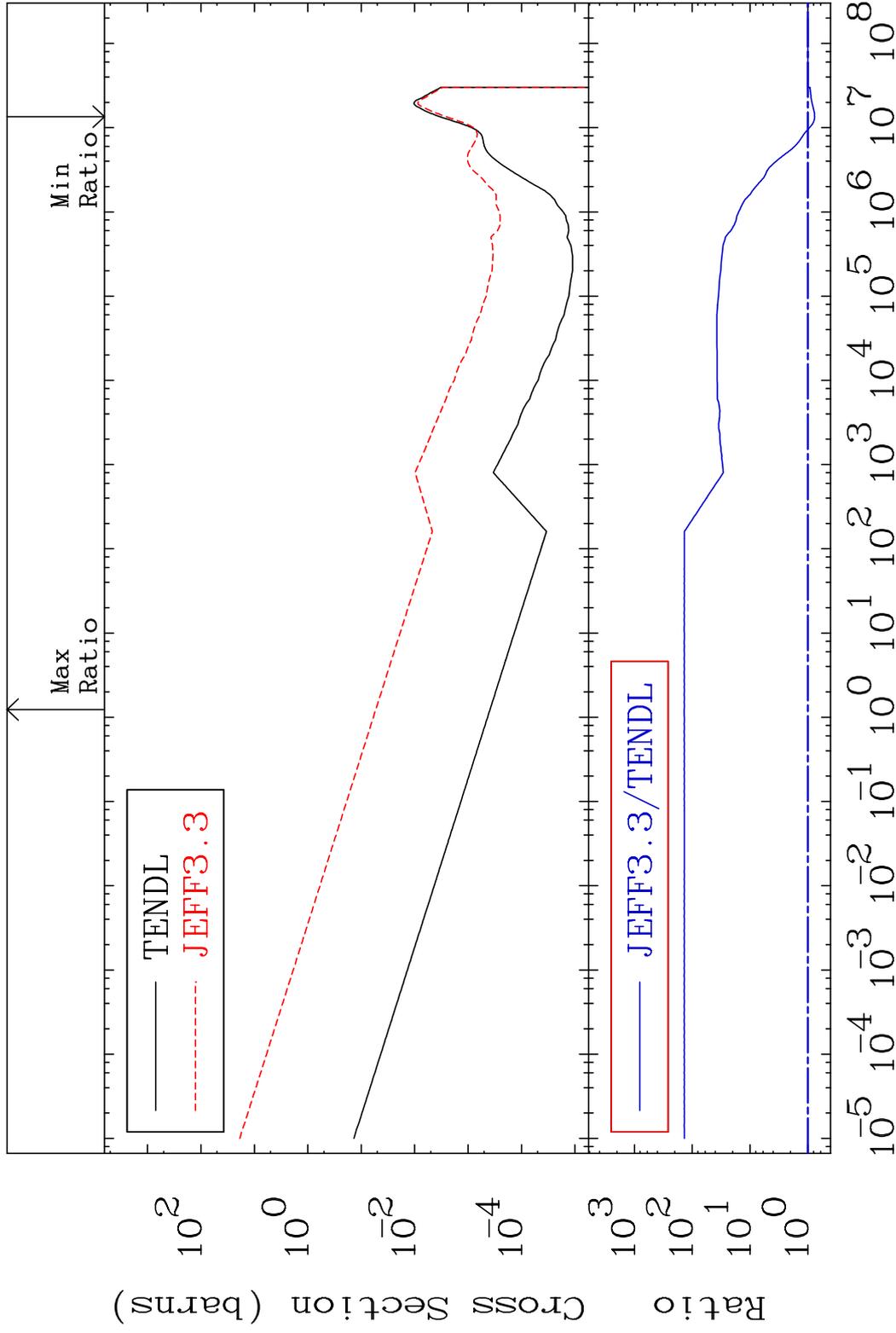
84-Po-209

MAT 8434

(n, α)

84-Po-209

Cross Section -23.54 To 9999. %



47

Incident Energy (eV)

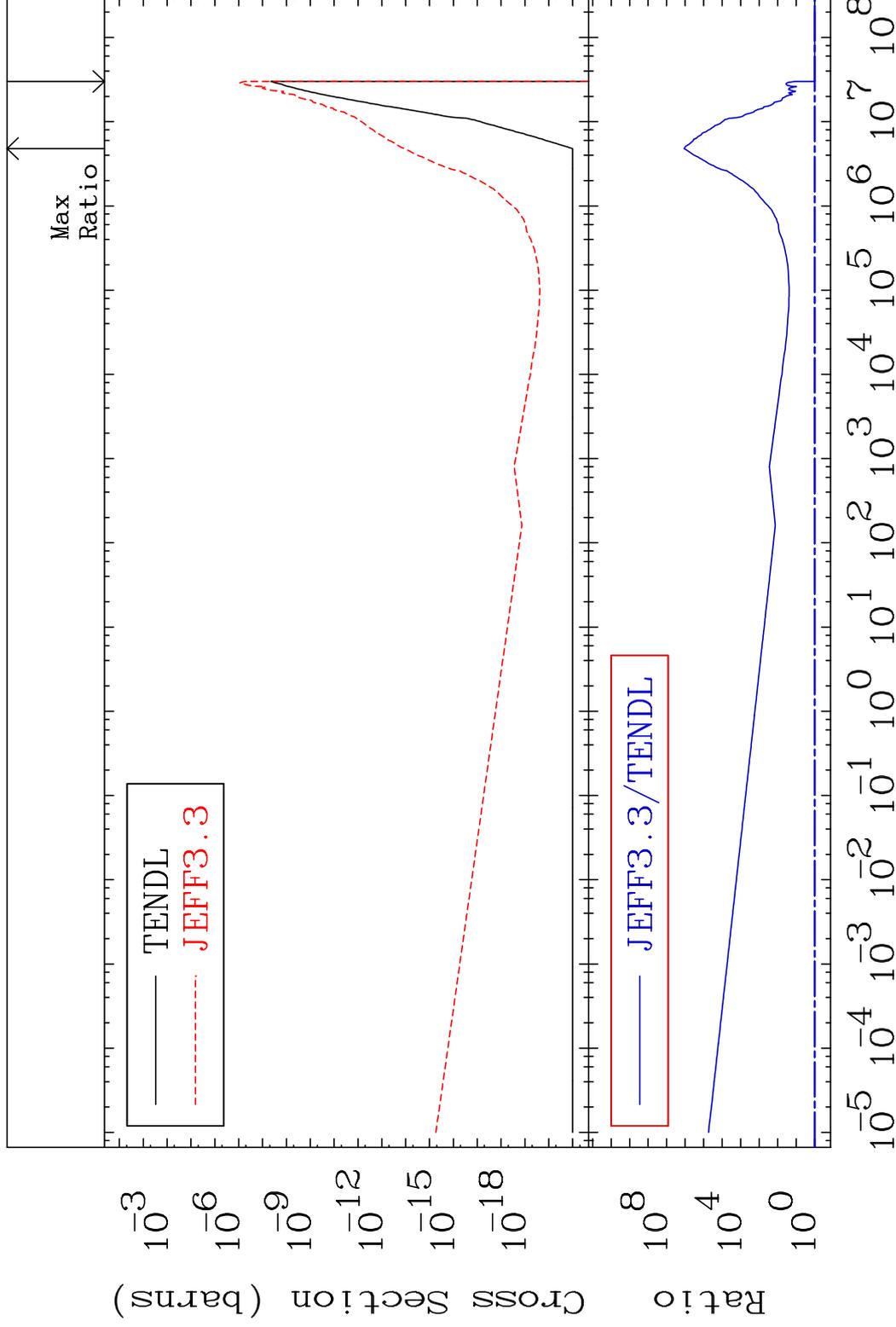
84-Po-209

MAT 8434

(n,2α)

84-Po-209

Cross Section 0.000 To 9999. %



48

Incident Energy (eV)

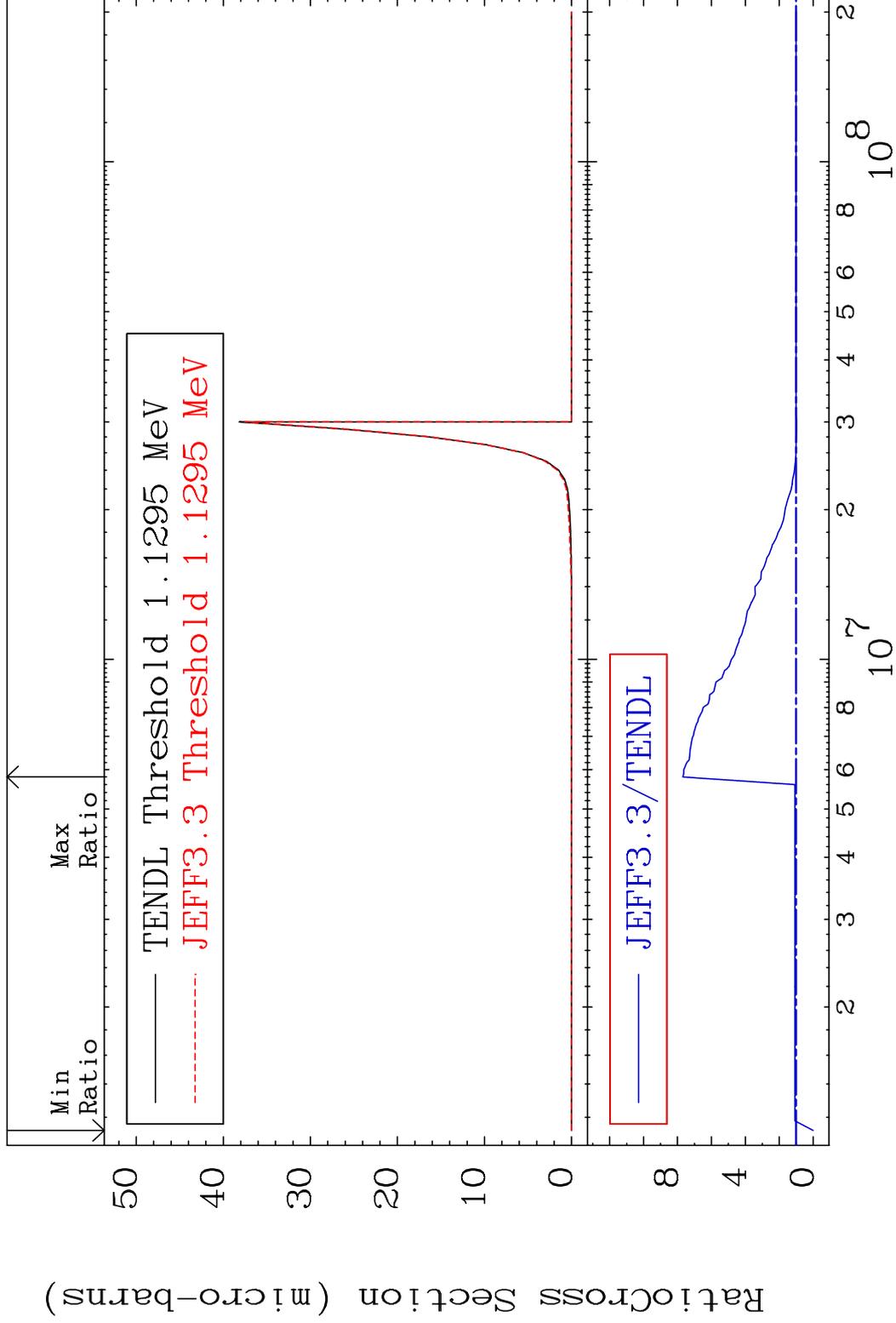
84-Po-209

MAT 8434

(n,2p)

84-Po-209

Cross Section -100.0 To 668.5 %



49

Incident Energy (eV)

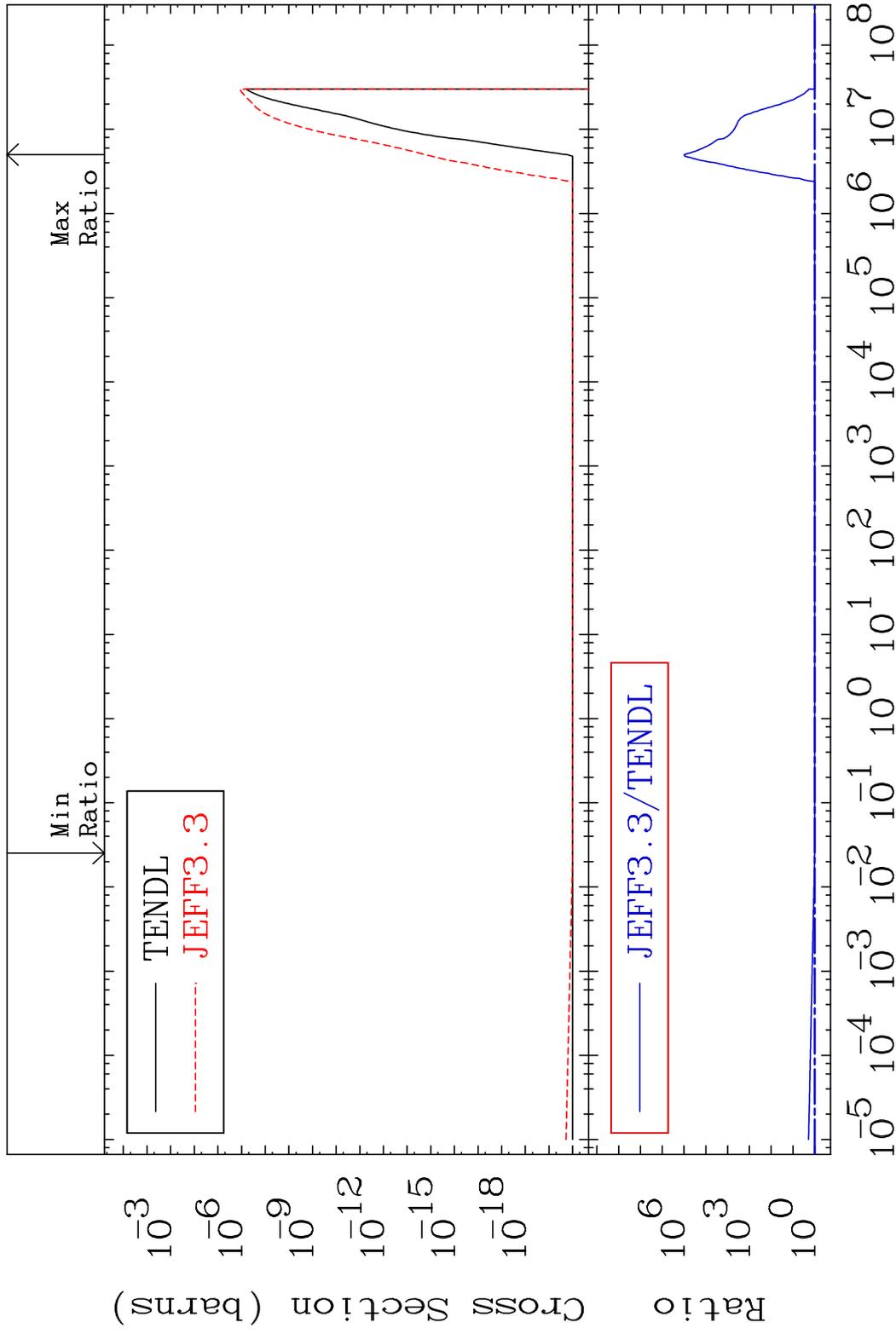
84-Po-209

MAT 8434

(n,p) α

84-Po-209

Cross Section 0.000 To 9999. %



50

Incident Energy (eV)

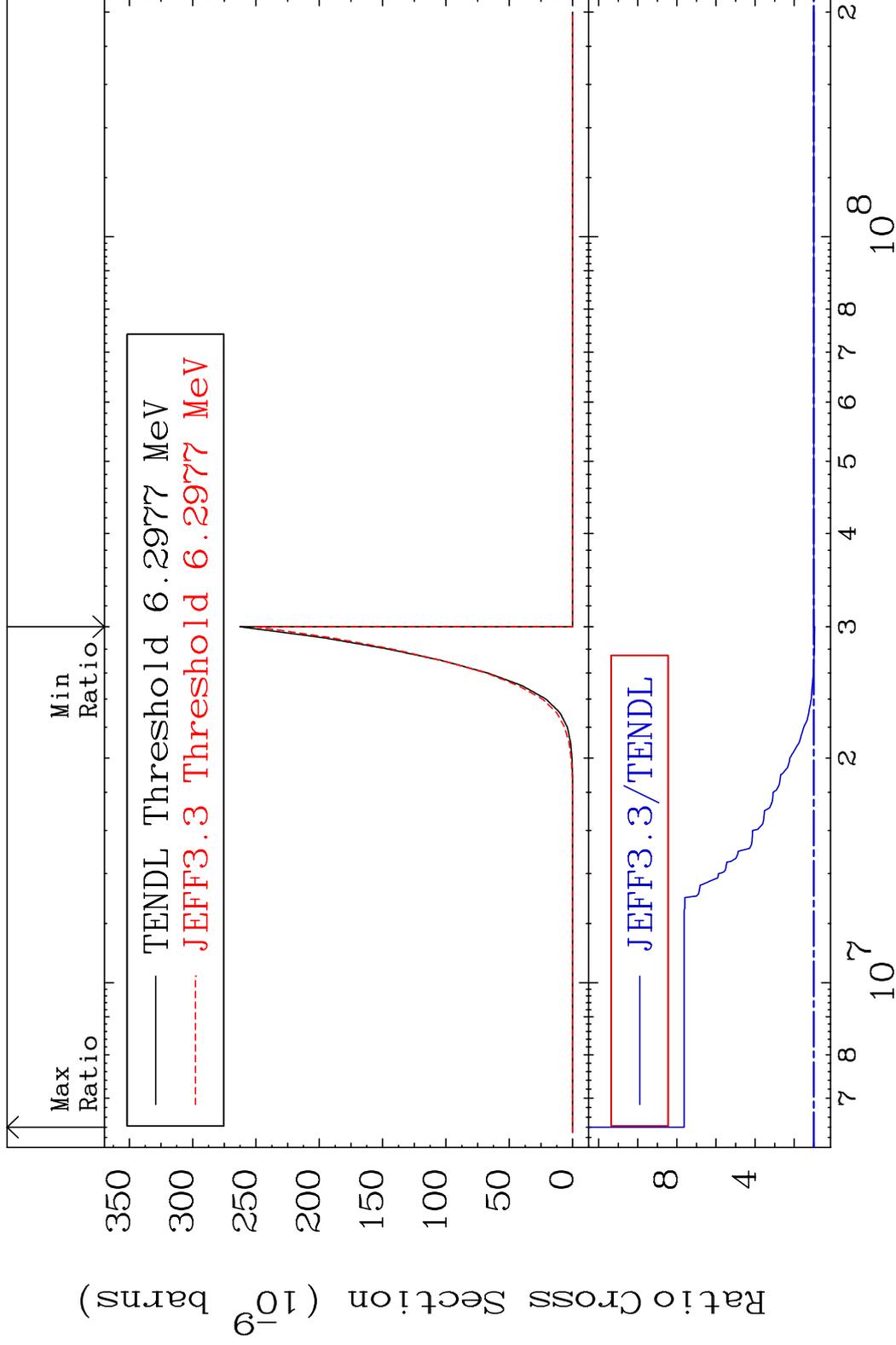
84-Po-209

MAT 8434

(n,p) d

84-Po-209

Cross Section -4.589 To 662.9 %



51

Incident Energy (eV)

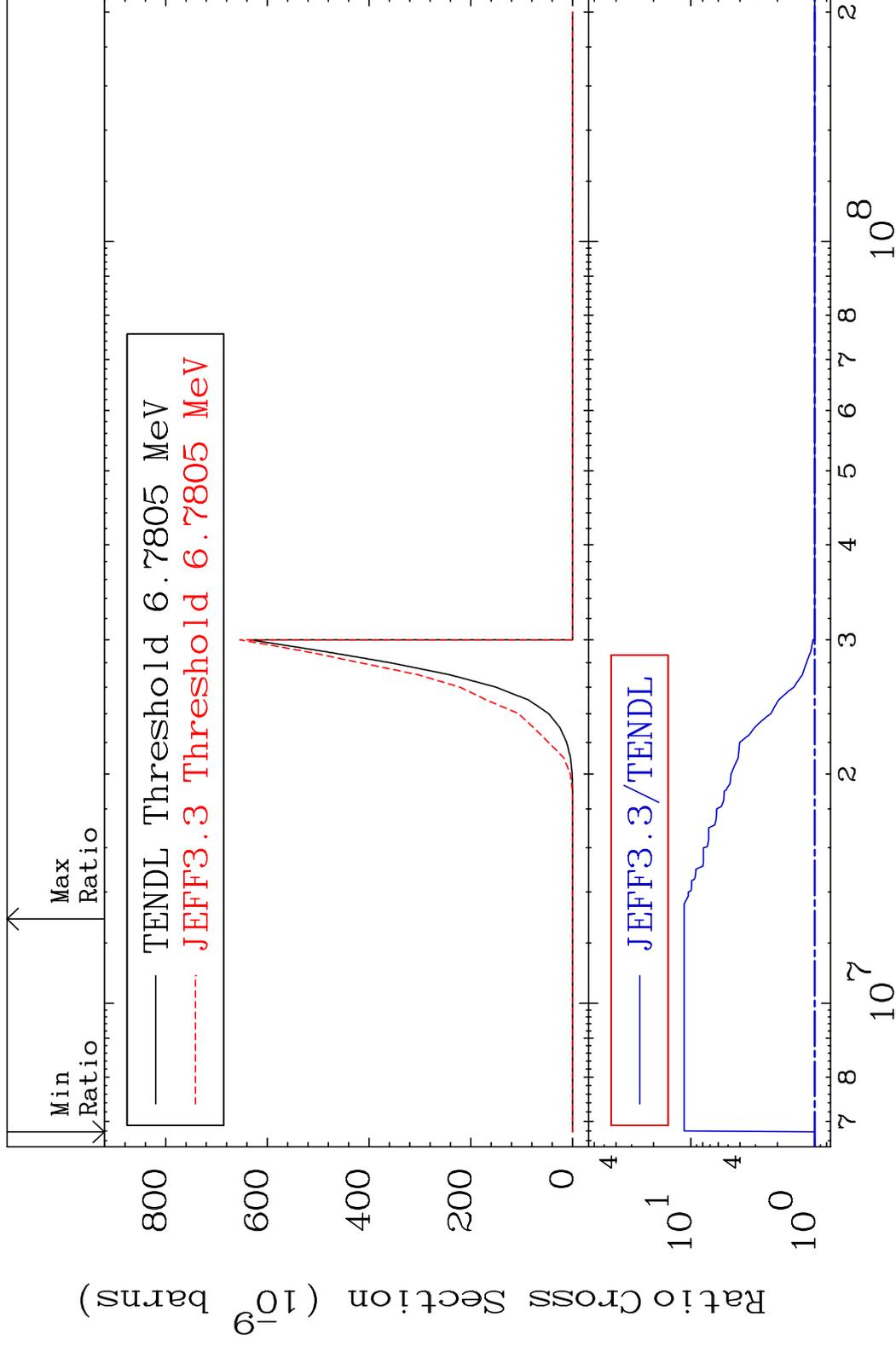
84-Po-209

MAT 8434

(n,p) t

84-Po-209

Cross Section 0.000 To 1031. %

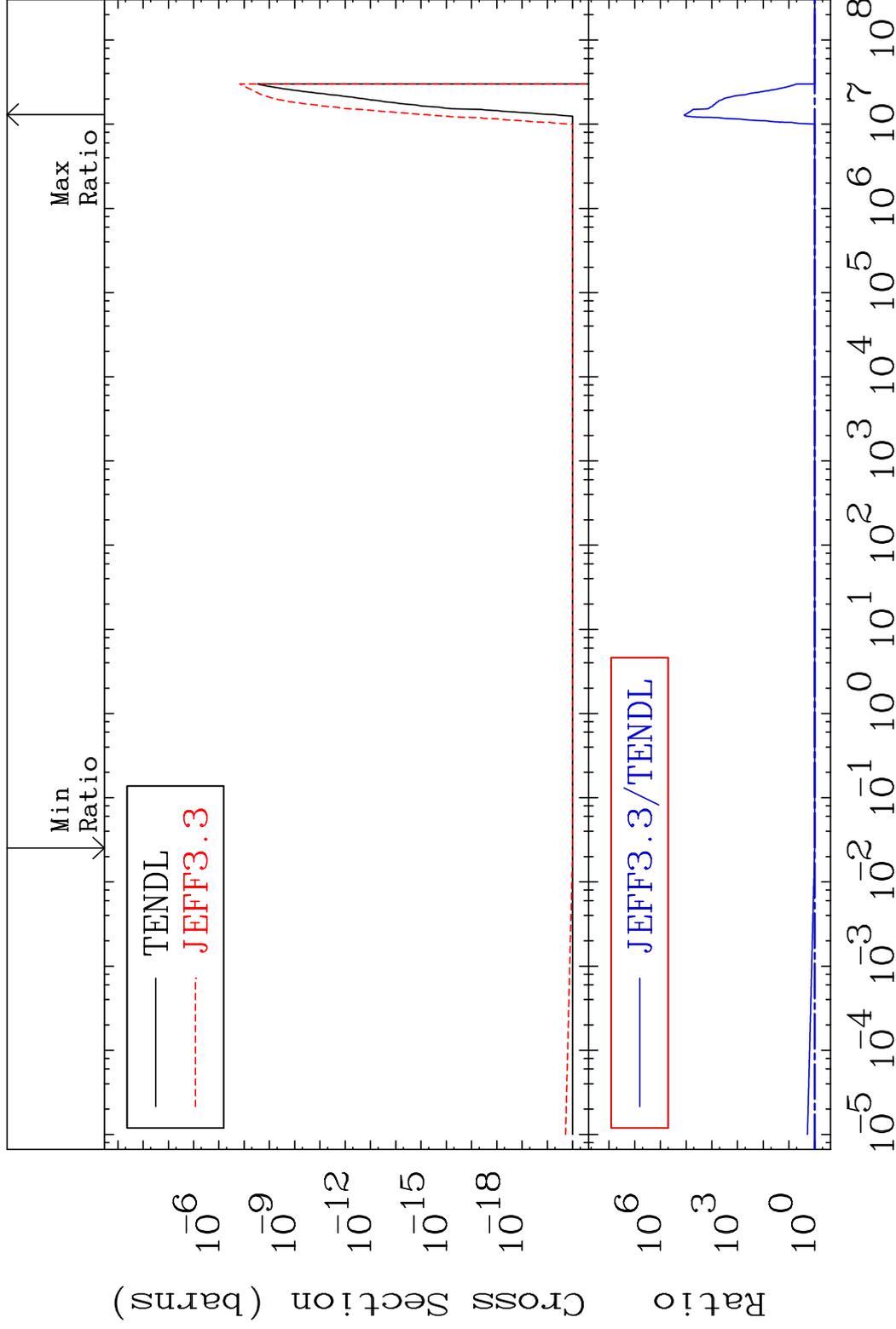


MAT 8434

(n, d) α

84-Po-209

Cross Section 0.000 To 9999. %

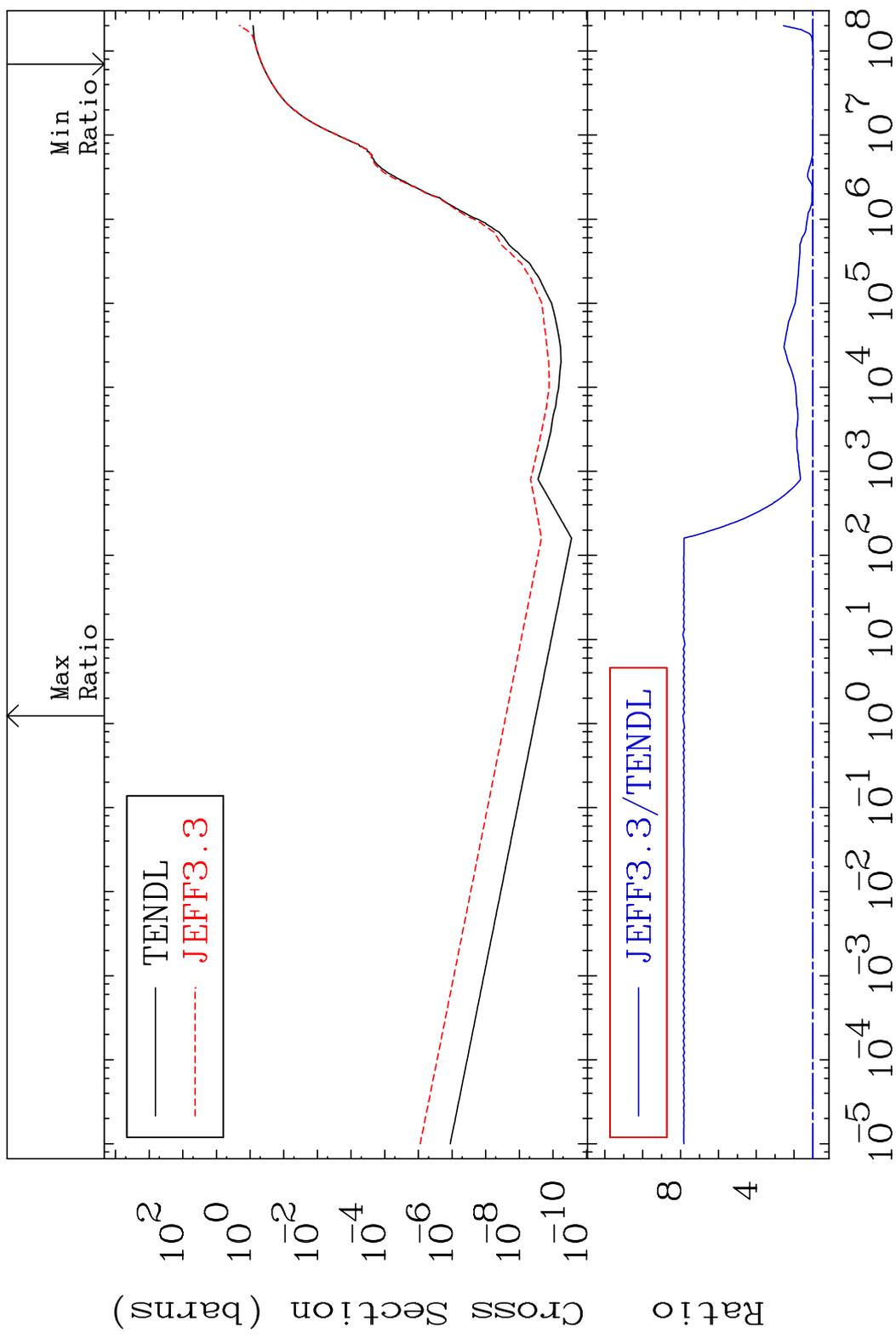


MAT 8434

Hydrogen Production

84-Po-209

Cross Section -0.641 To 687.8 %

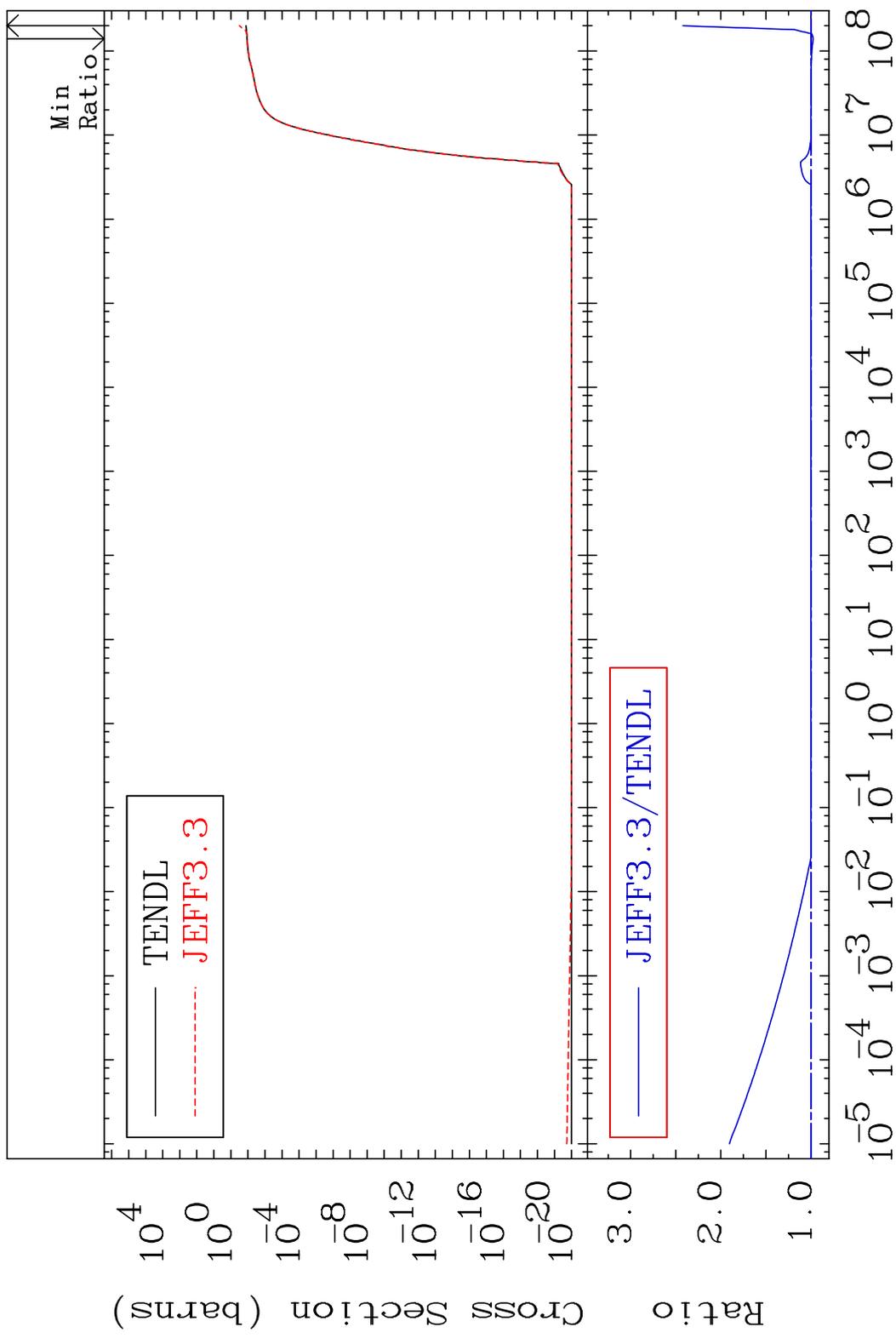


MAT 8434

Deuterium Production

84-Po-209

Cross Section -2.398 To 142.2 %

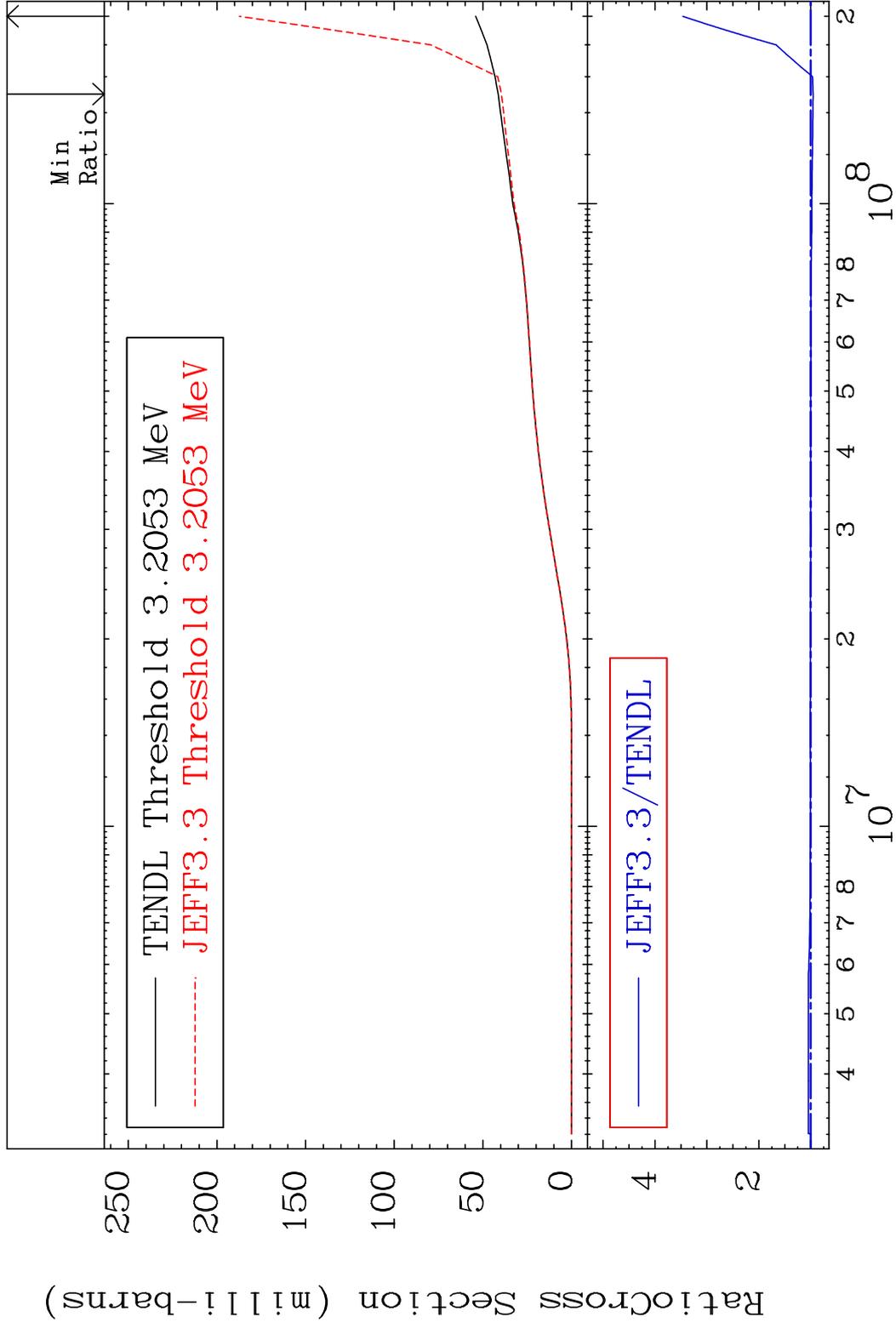


MAT 8434

Tritium Production

84-Po-209

Cross Section -4.593 To 246.4 %

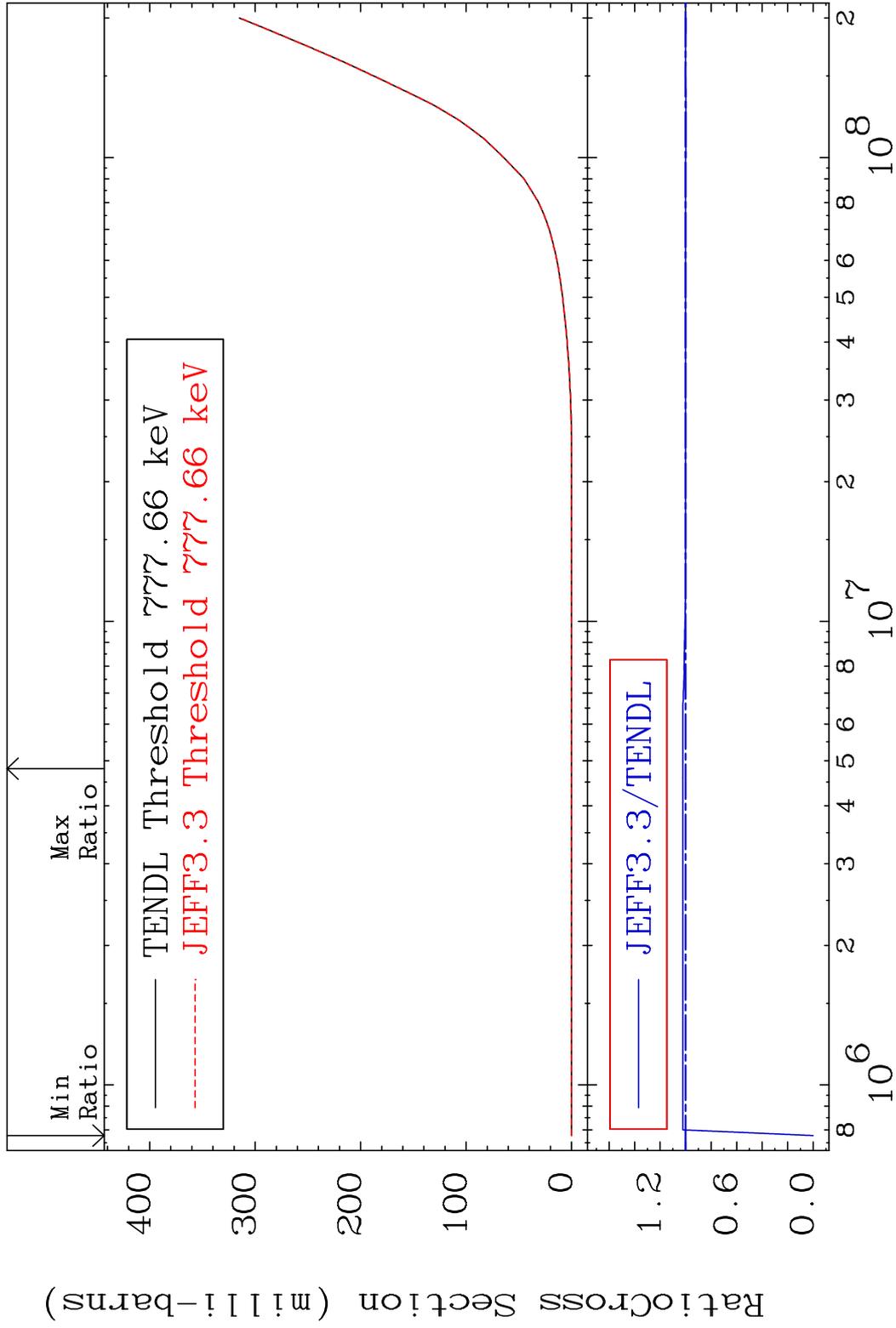


MAT 8434

He-3 Production

84-Po-209

Cross Section -100.0 To 2.203 %



57

Incident Energy (eV)

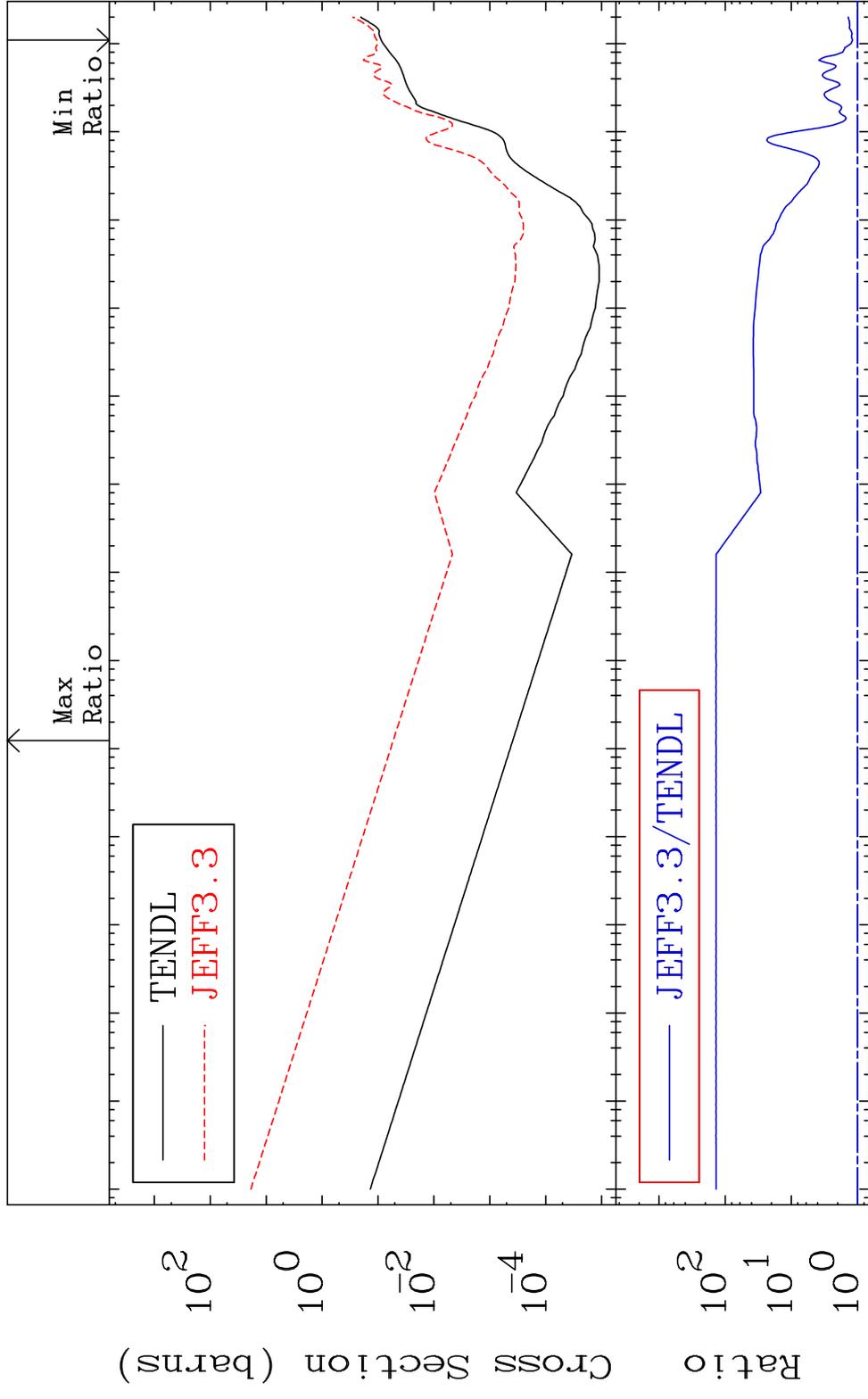
84-Po-209

MAT 8434

He-4 Production

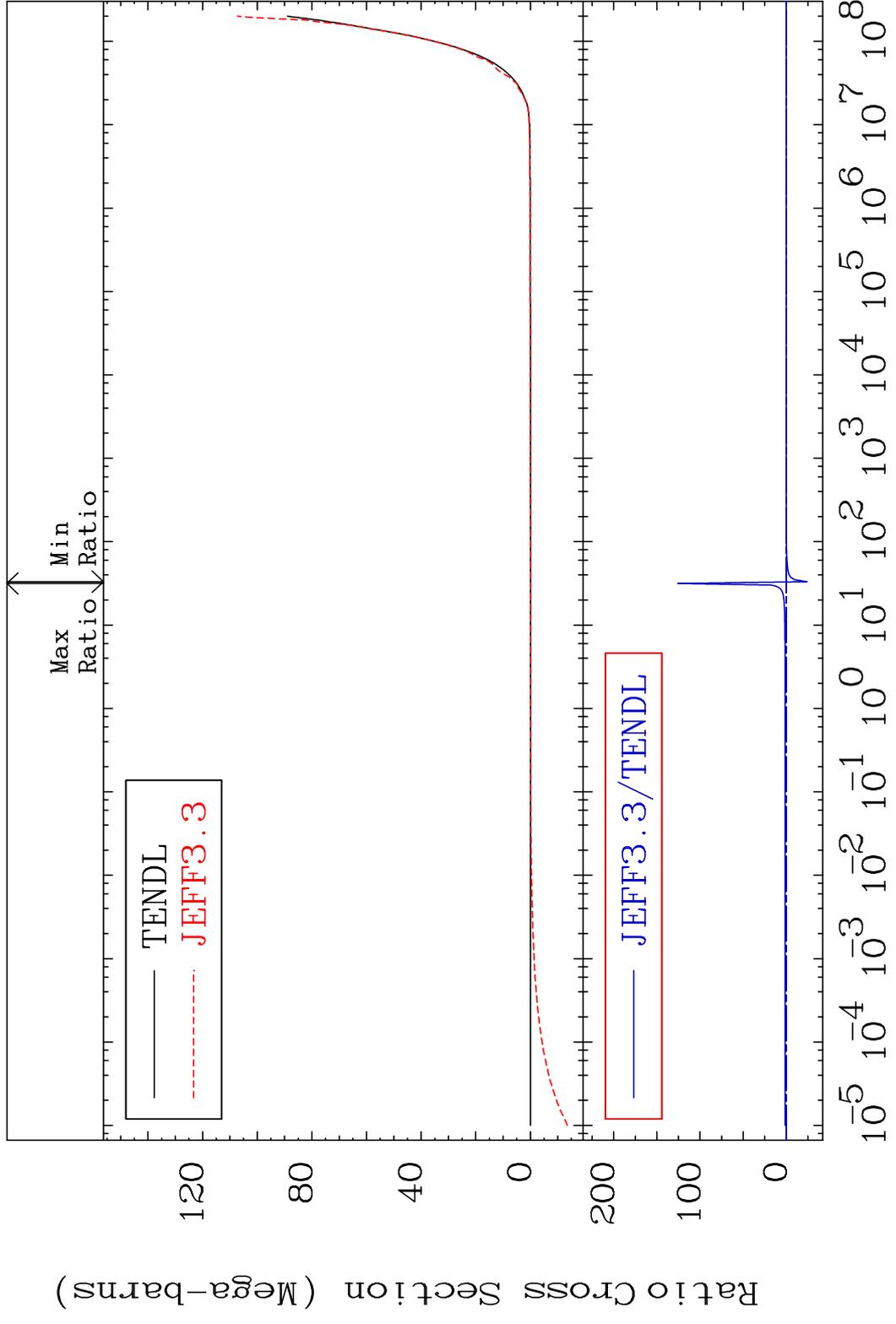
84-Po-209

Cross Section 19.24 To 9999. %



MAT 8434

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

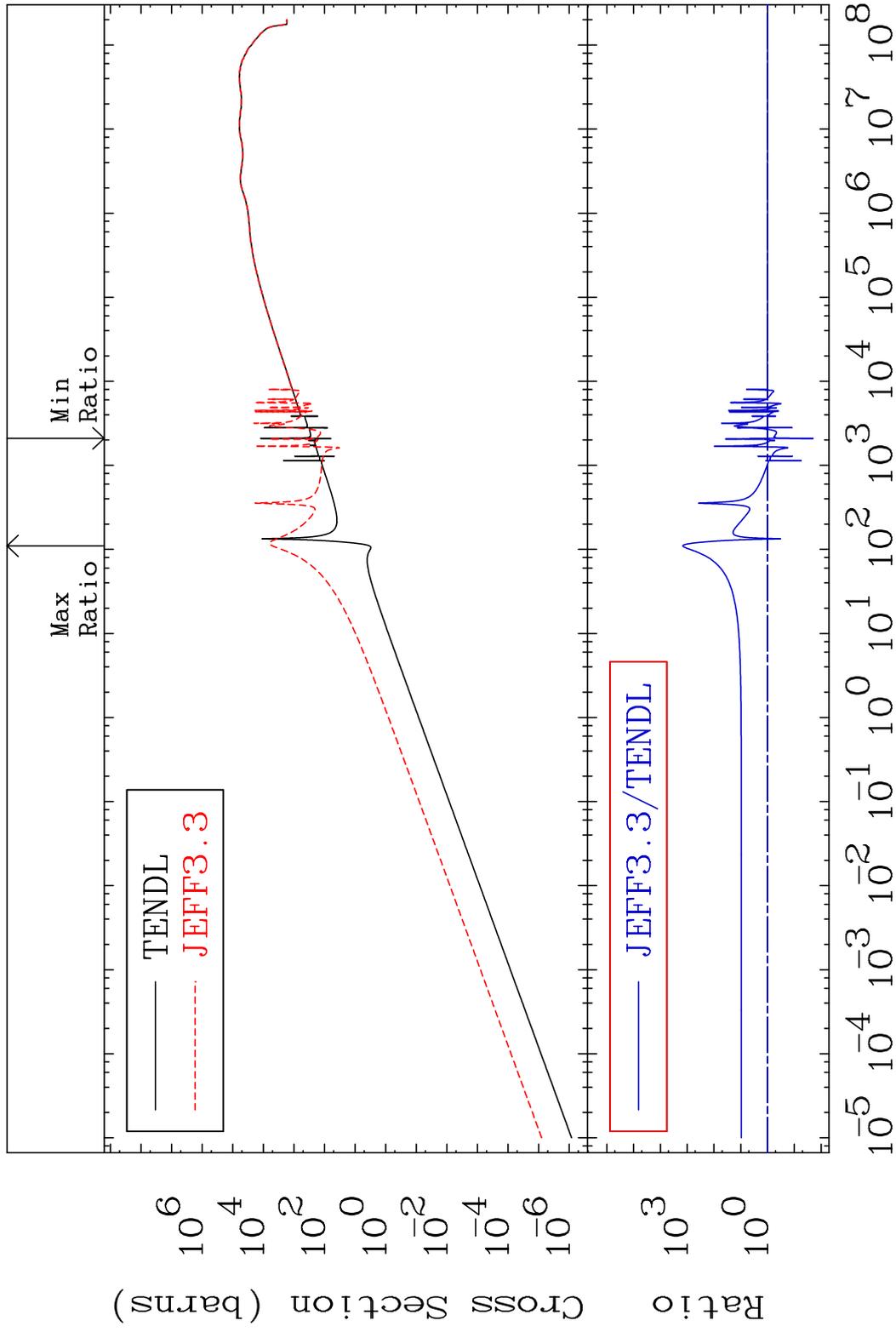


MAT 8434

Kerma elastic

84-Po-209

Cross Section -98.02 To 9999. %

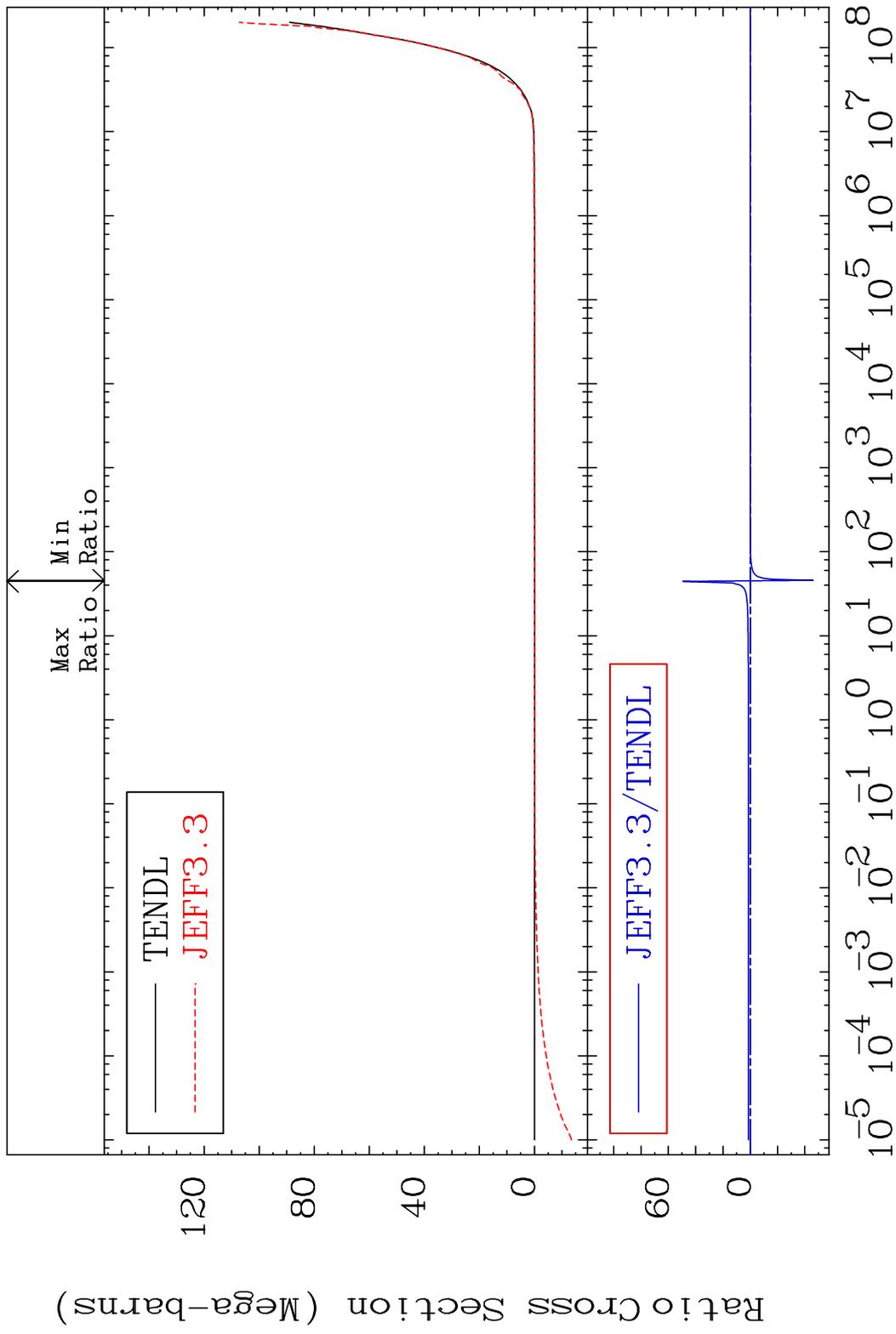


60

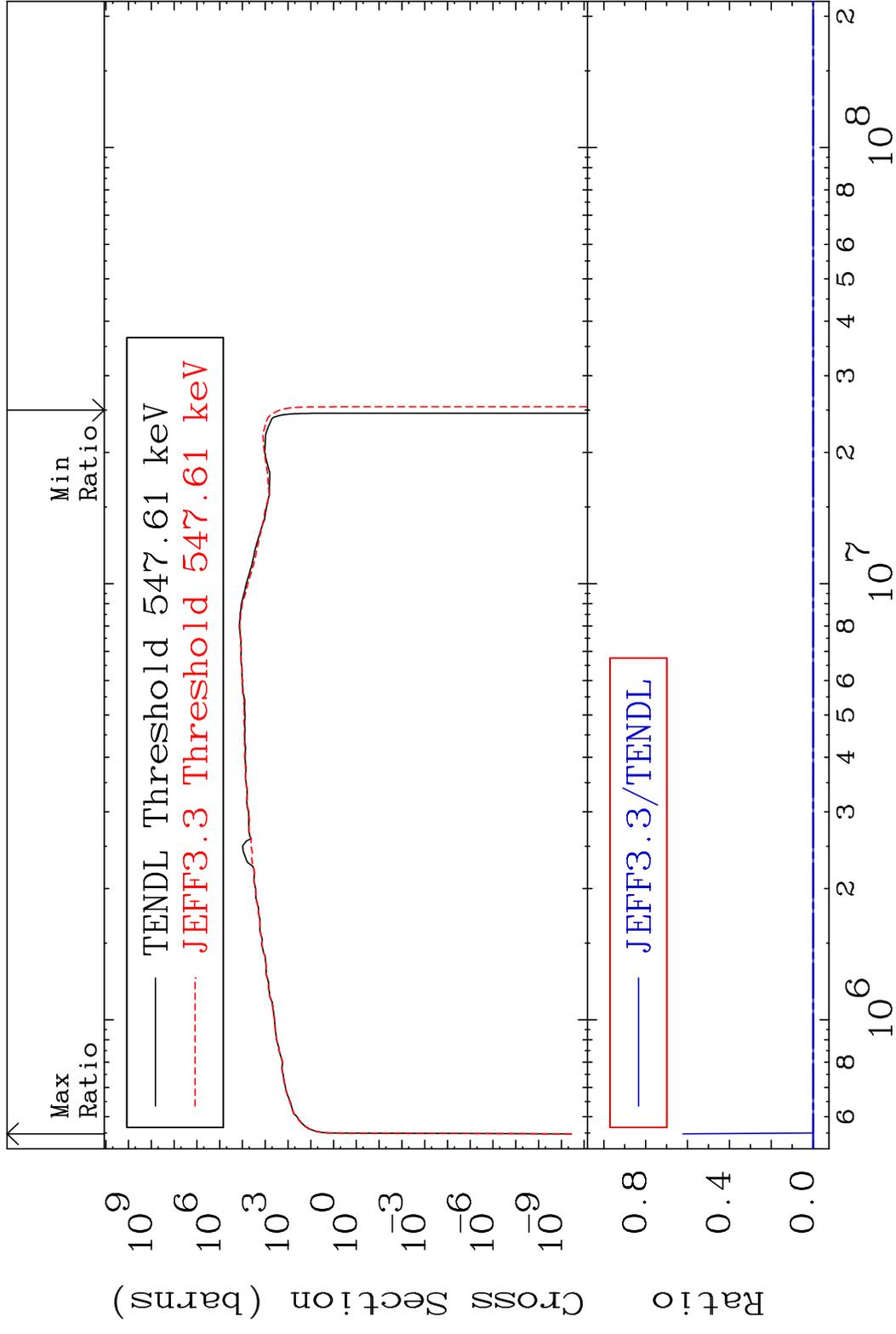
Incident Energy (eV)

84-Po-209

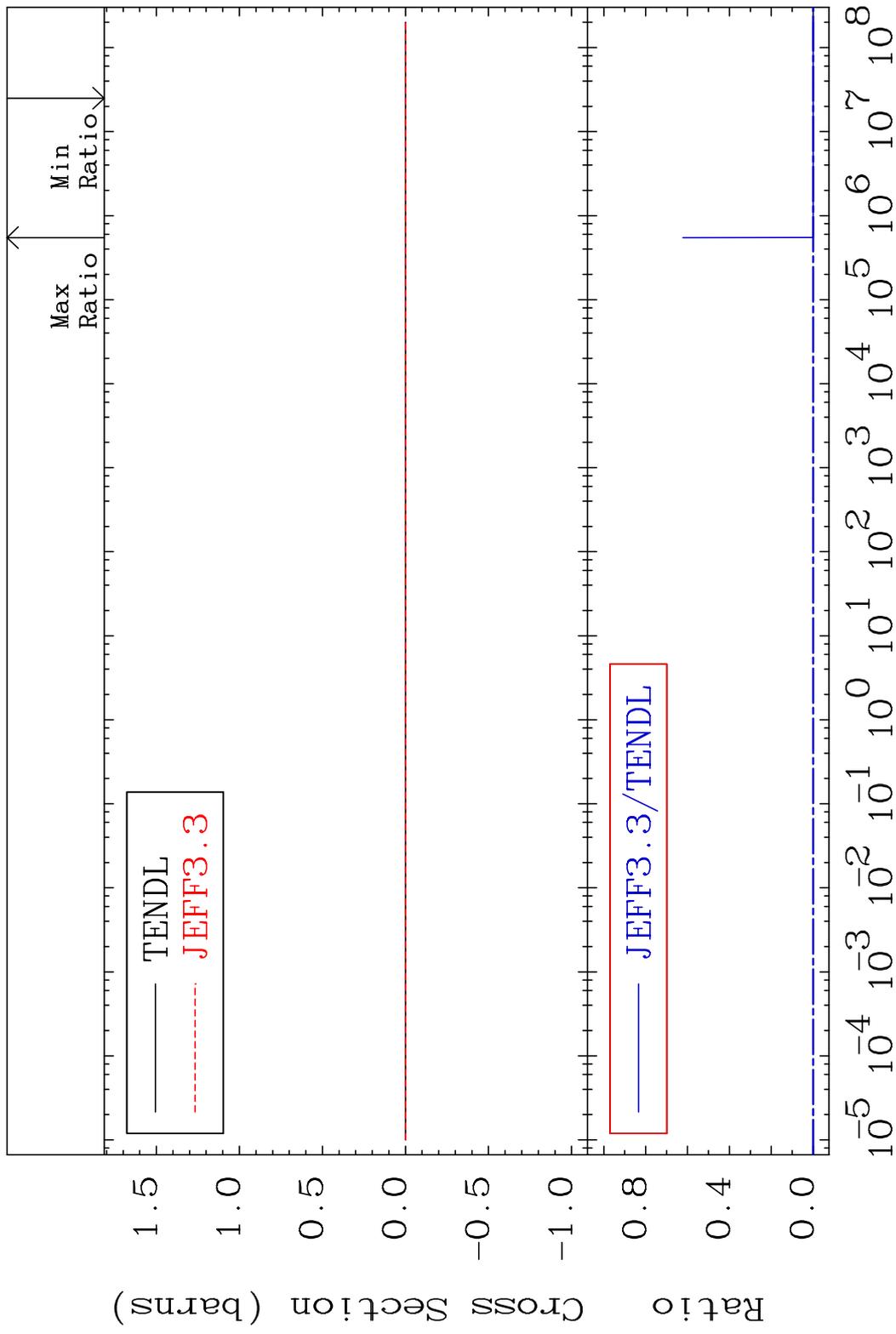
MAT 8434 Kerma non-elastic (all but mt2) 84-Po-209
 Cross Section -9999. To 9999. %



MAT 8434 Kerma inelastic (mt51-91) 84-Po-209
 Cross Section -170.7 To 9999. %



MAT 8434 Kerma fission (mt18 or mt19-20-21-38) 84-Po-209
 Cross Section -170.7 To 9999. %

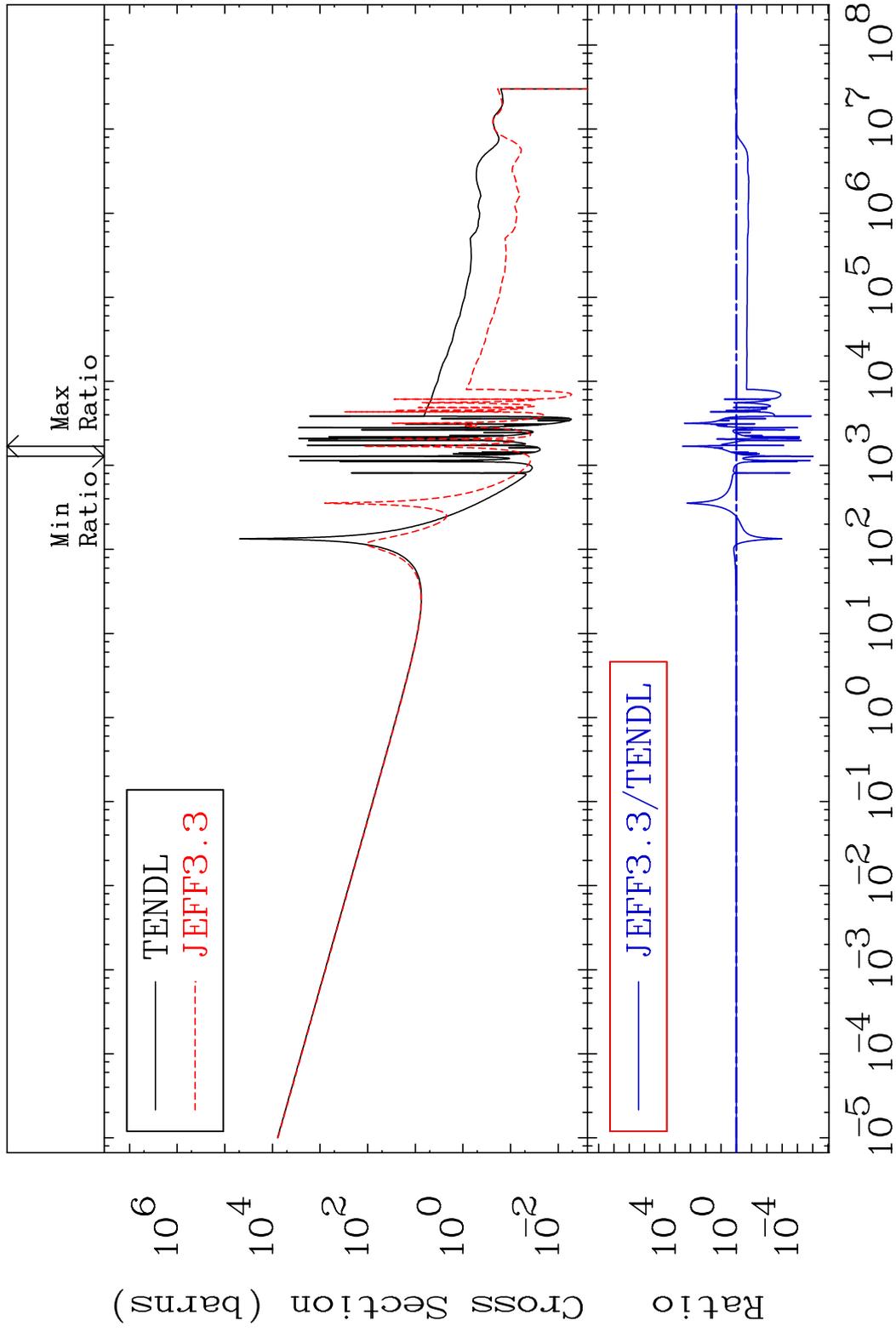


MAT 8434

Kerma capture (mt102)

84-Po-209

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

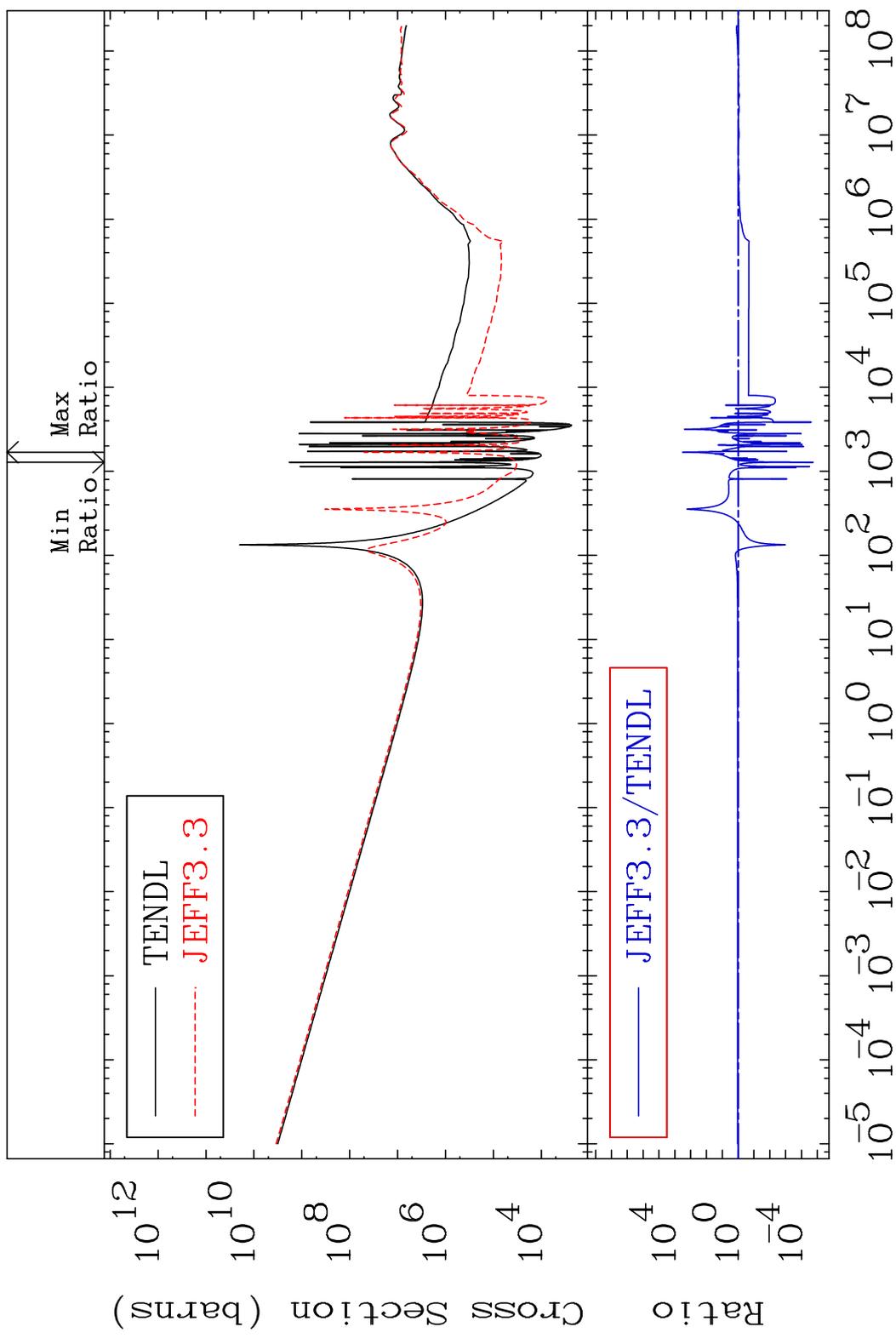
84-Po-209

MAT 8434

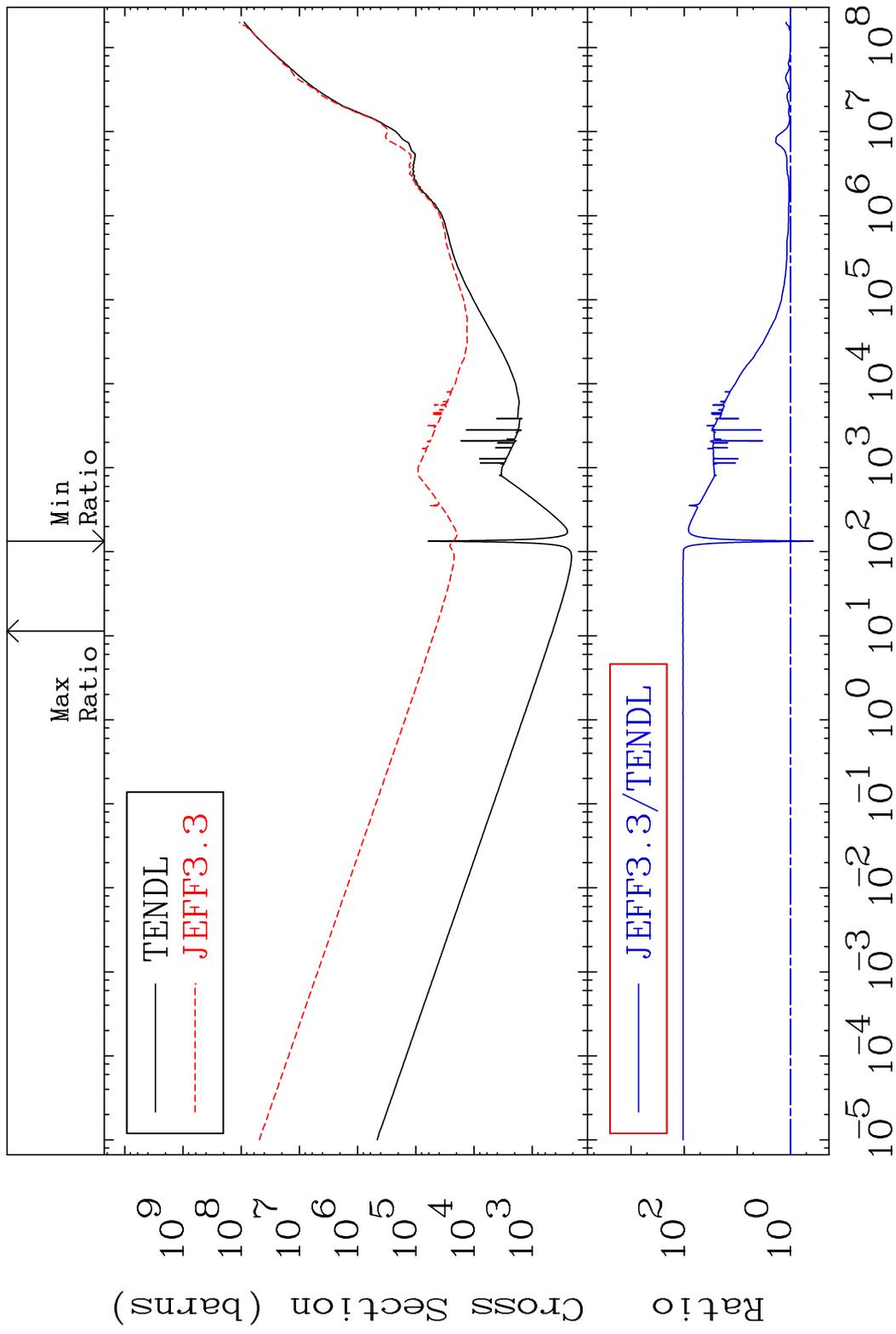
Total photon (eV-barns)

84-Po-209

Cross Section -100.0 To 9999. %



MAT 8434 Total kinematic kerma (high limit) 84-Po-209
 Cross Section -62.77 To 9999. %

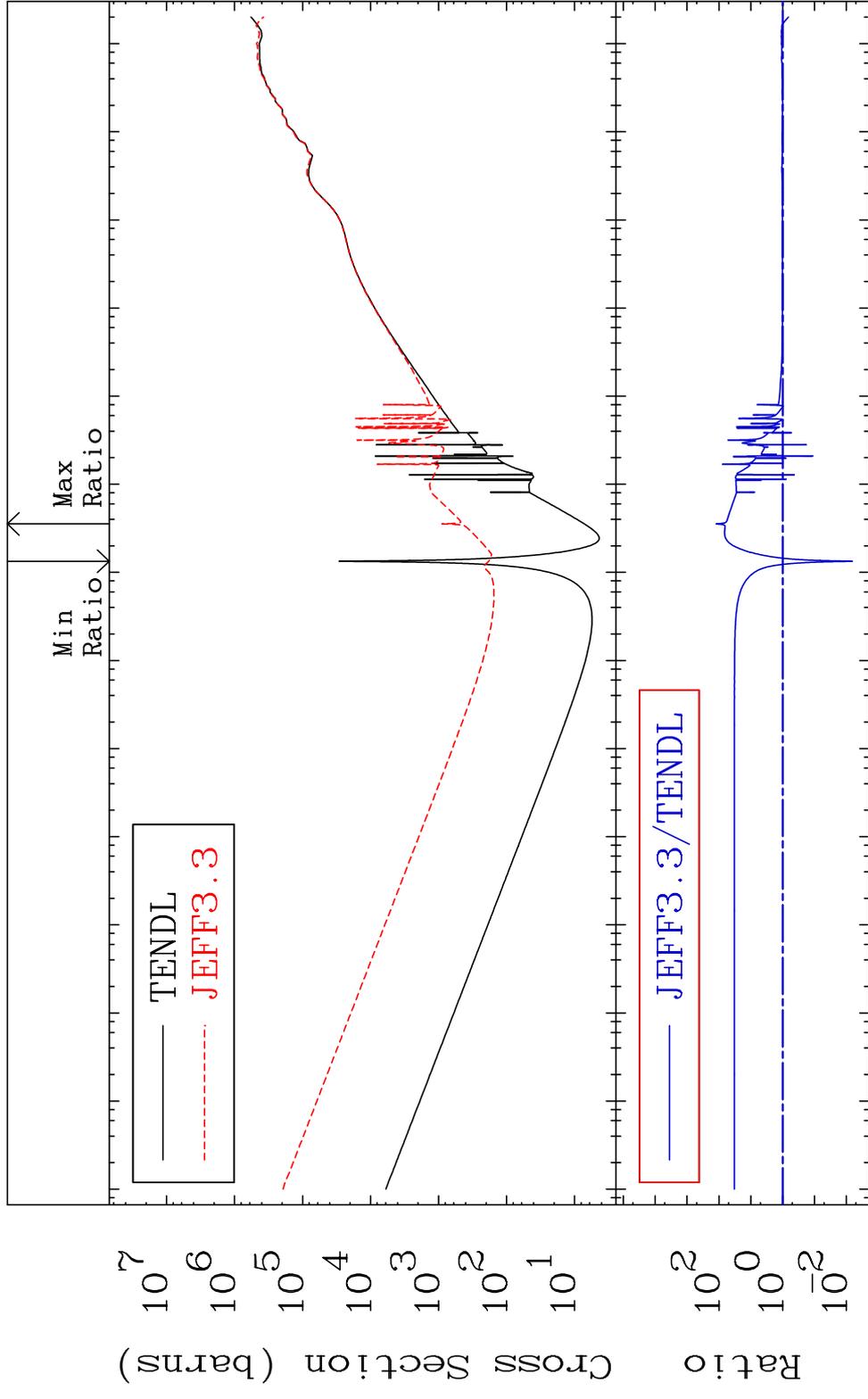


MAT 8434

Dpa total (eV-barns)

84-Po-209

Cross Section -99.36 To 9999. %



67

Incident Energy (eV)

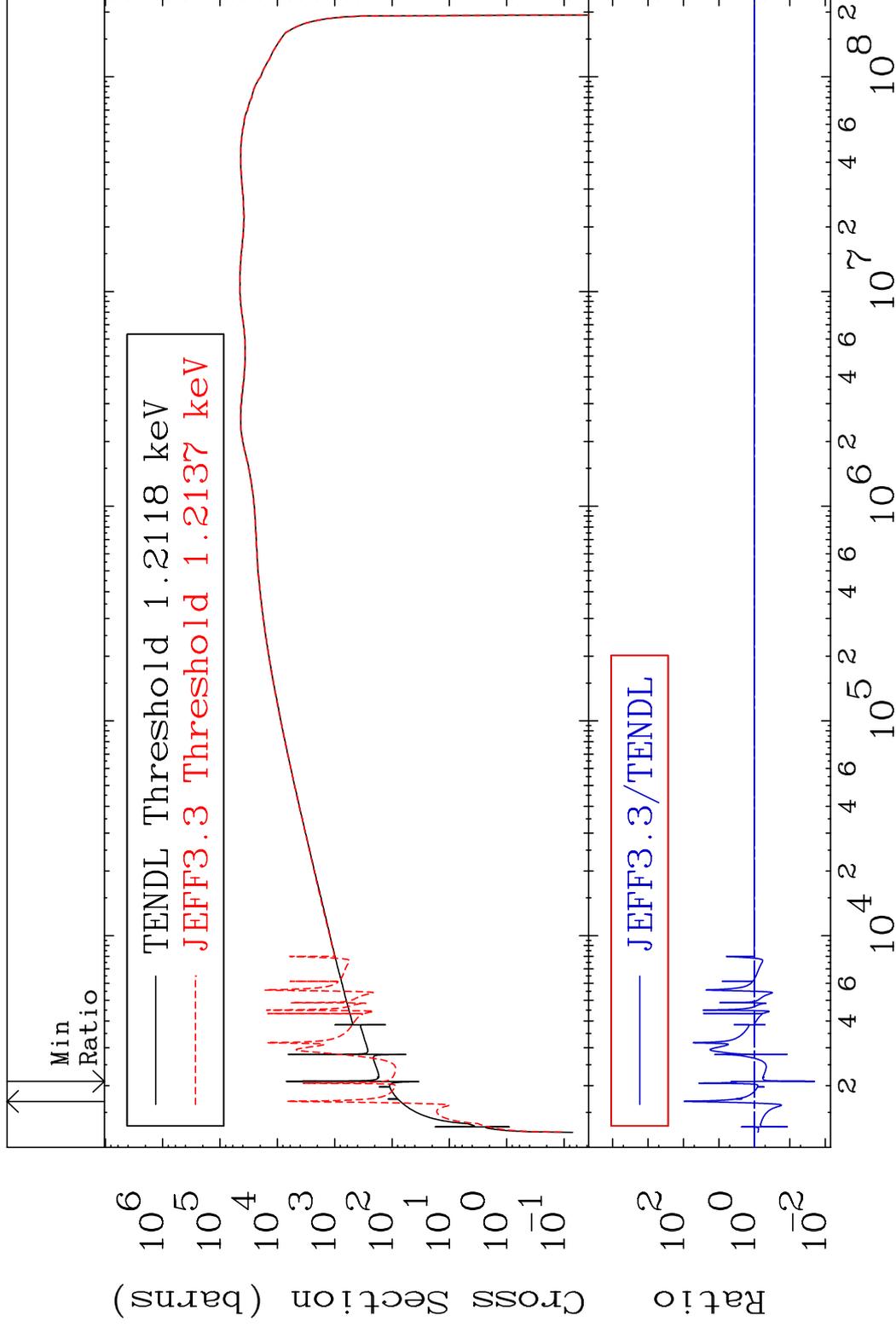
84-Po-209

MAT 8434

Dpa elastic (mt2)

84-Po-209

Cross Section -98.02 To 9488. %

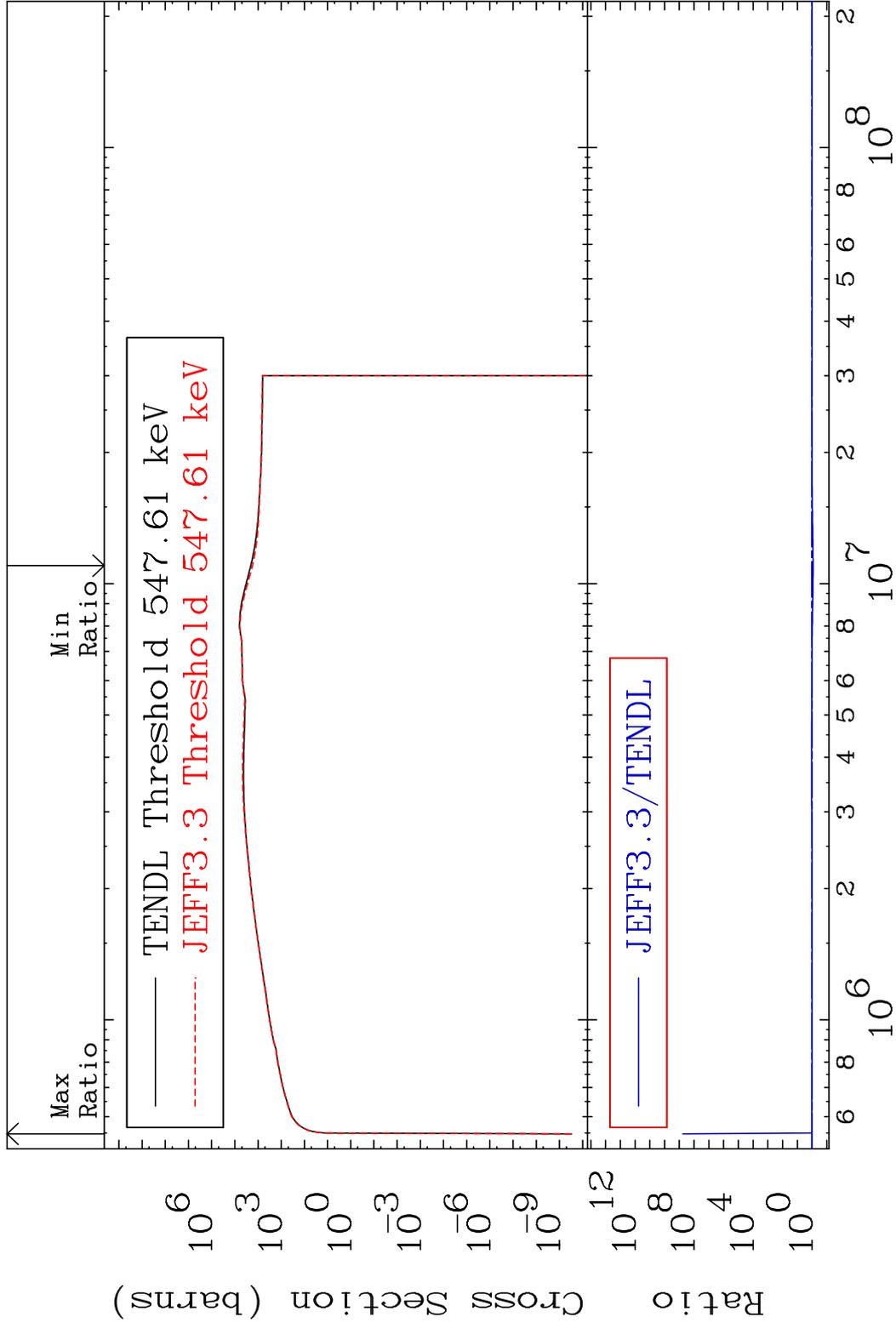


68

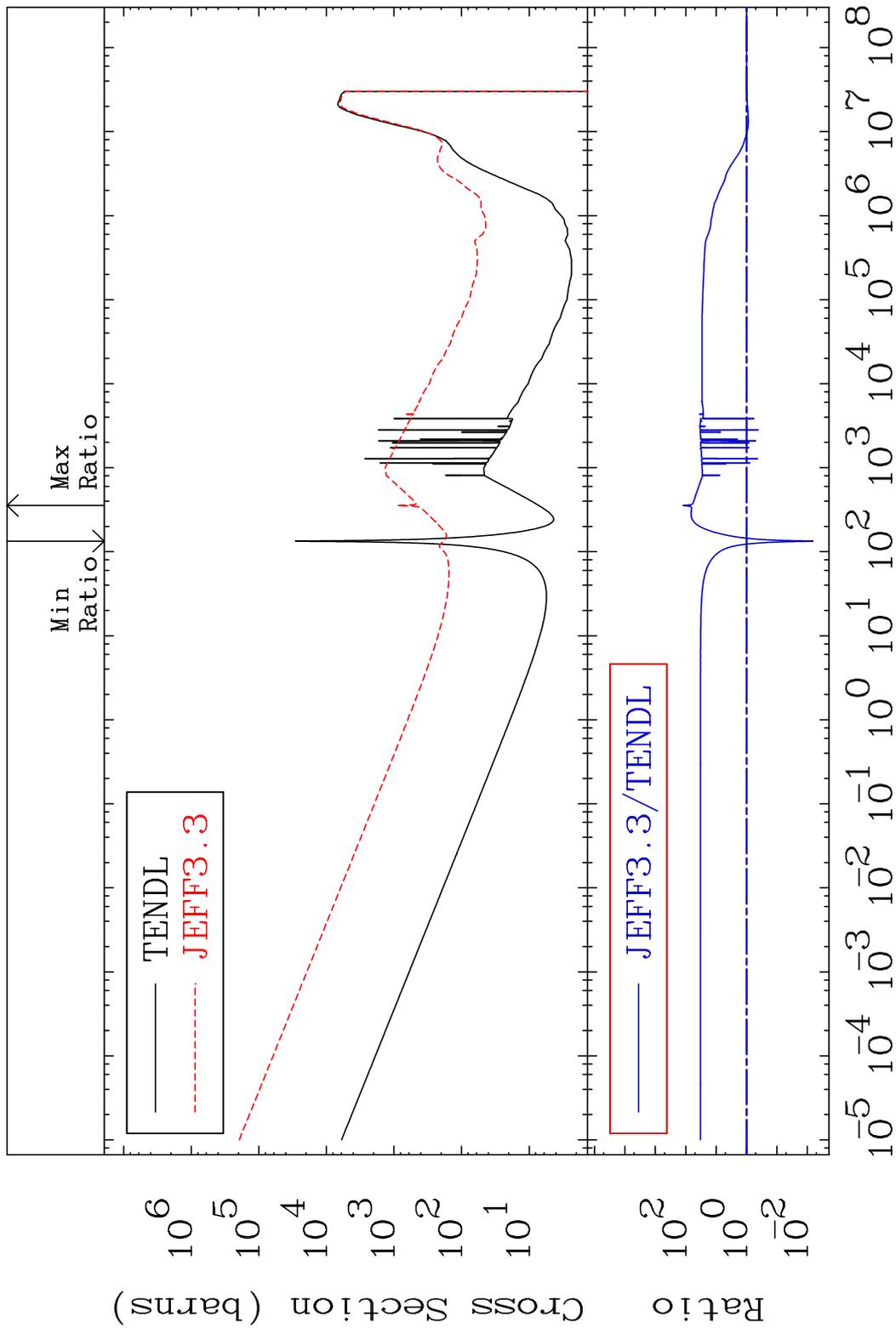
Incident Energy (eV)

84-Po-209

MAT 8434 Dpa inelastic (mt51-91) 84-Po-209
 Cross Section -15.20 To 9999. %



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



70 Incident Energy (eV) 84-Po-209

