

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

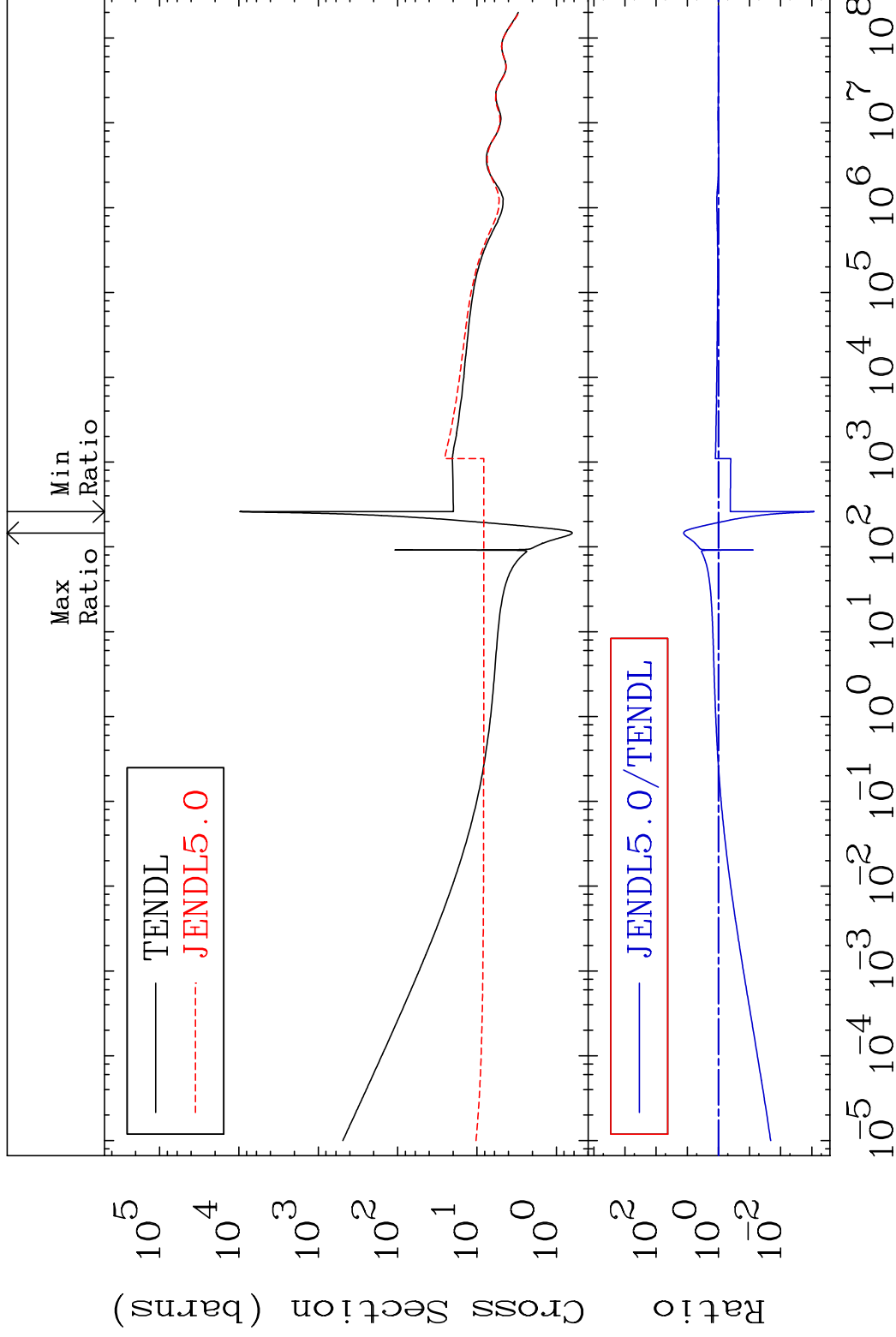
MAT 8431

Total

84-Po-208

Cross Section

-99.92 To 1206. %



1

Incident Energy (eV)

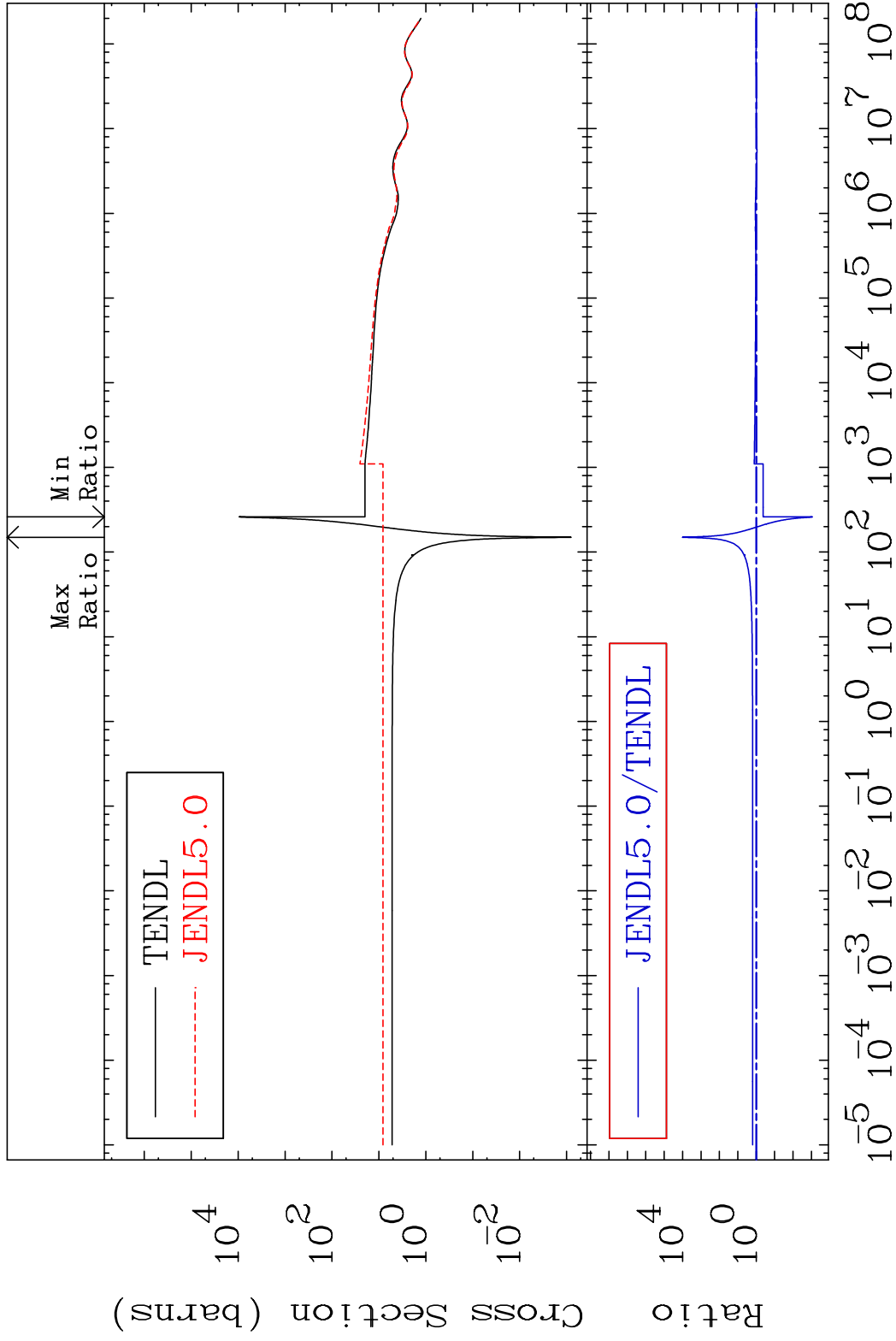
84-Po-208

MAT 8431

Elastic

84-Po-208

Cross Section -99.91 To 9999. %

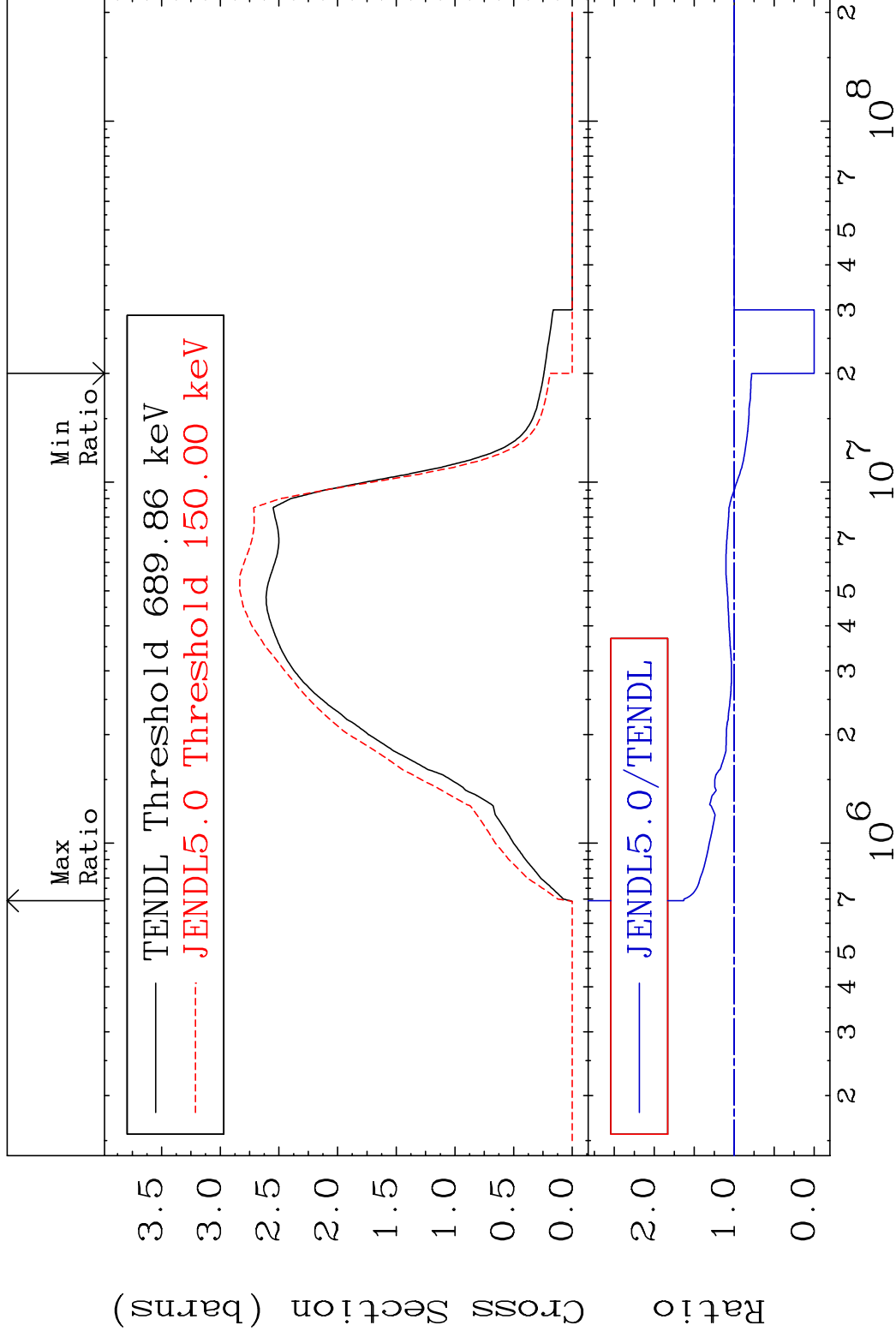


MAT 8431

Inelastic

84-Po-208

Cross Section -100.0 To 63.24 %



3

Incident Energy (eV)

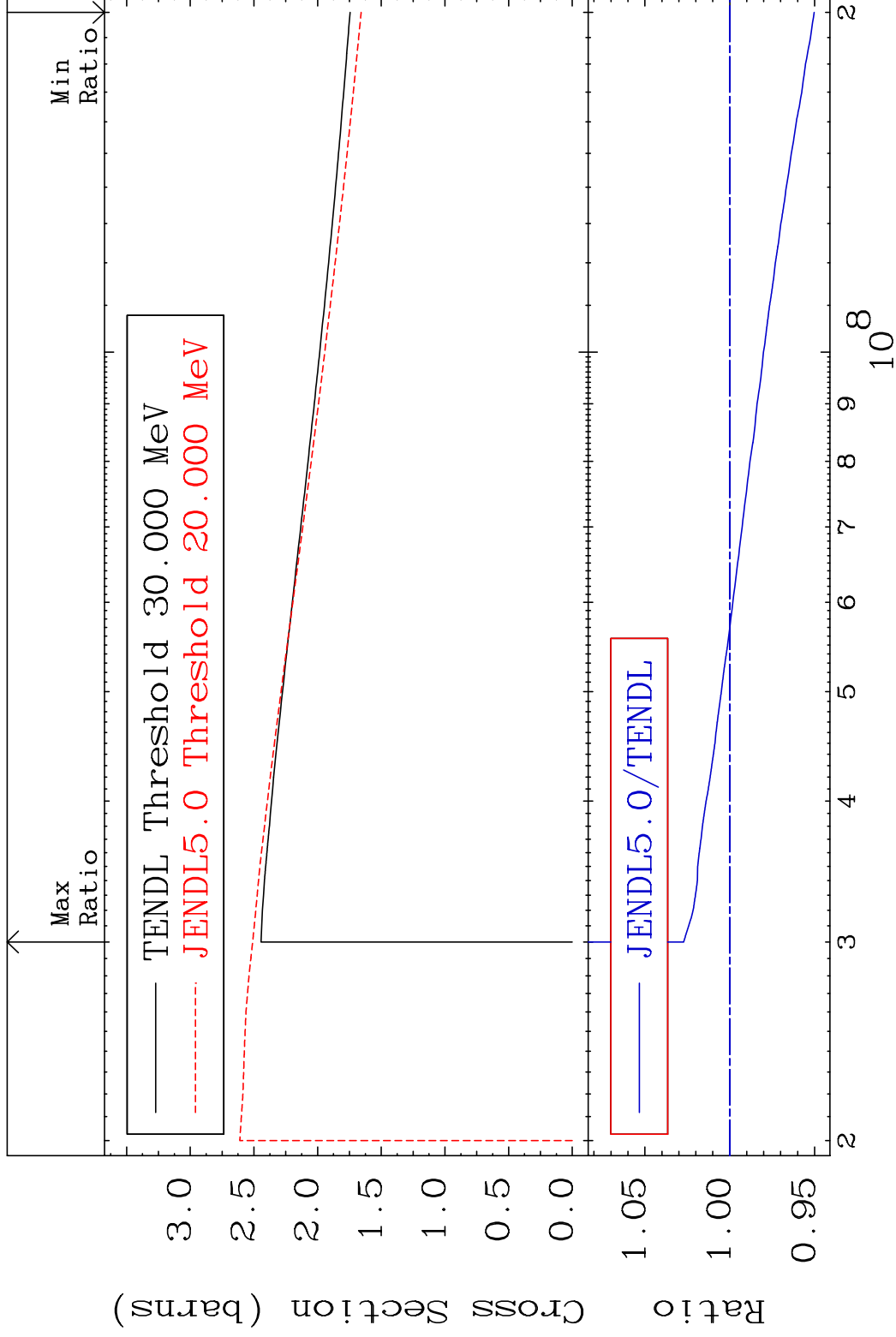
84-Po-208

MAT 8431

(n, remainder)

84-Po-208

Cross Section -4.969 To 2.717 %



4

Incident Energy (eV)

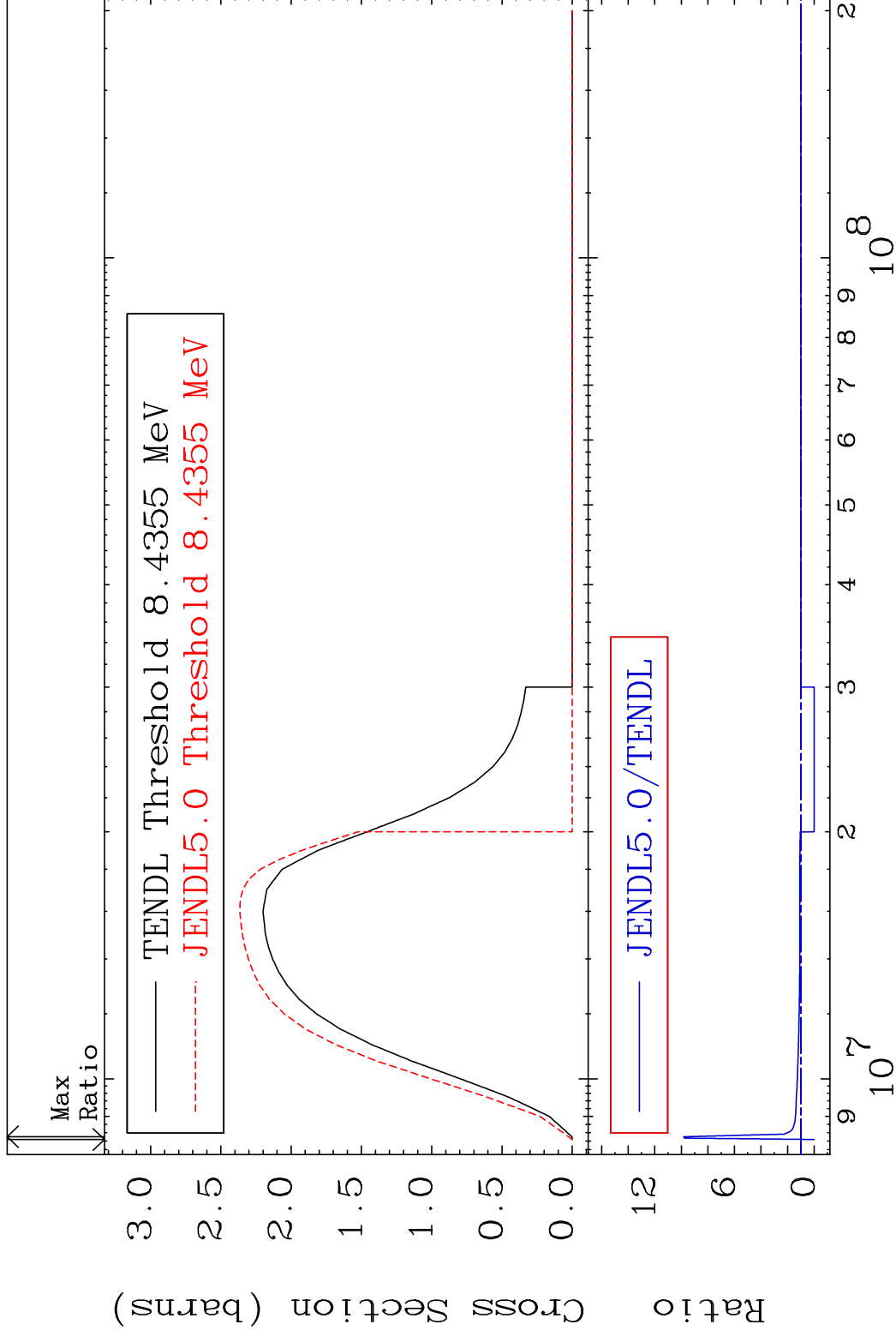
84-Po-208

MAT 8431

(n,2n)

84-Po-208

Cross Section -100.0 To 882.2 %

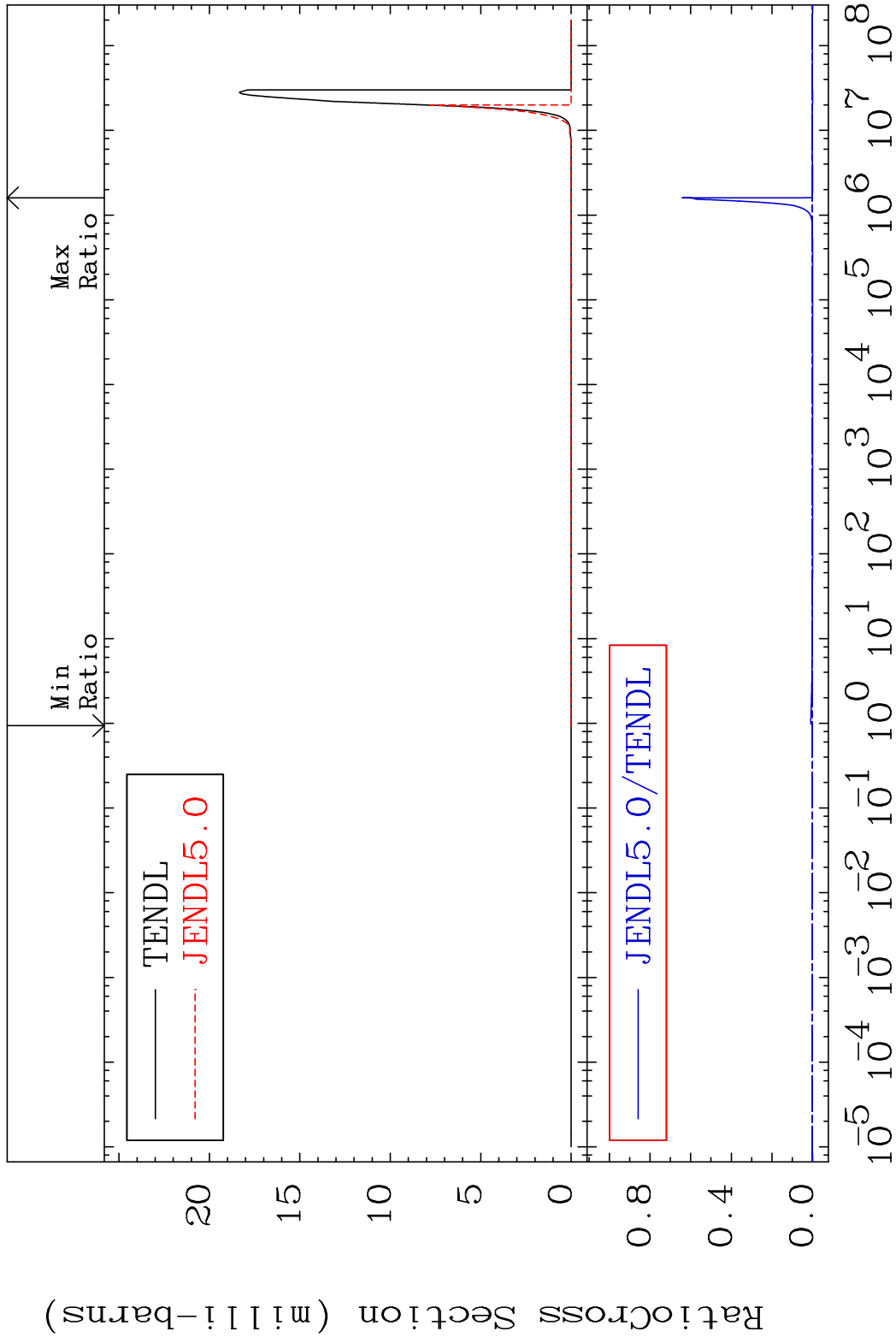


MAT 8431

(n, n') α

84-Po-208

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

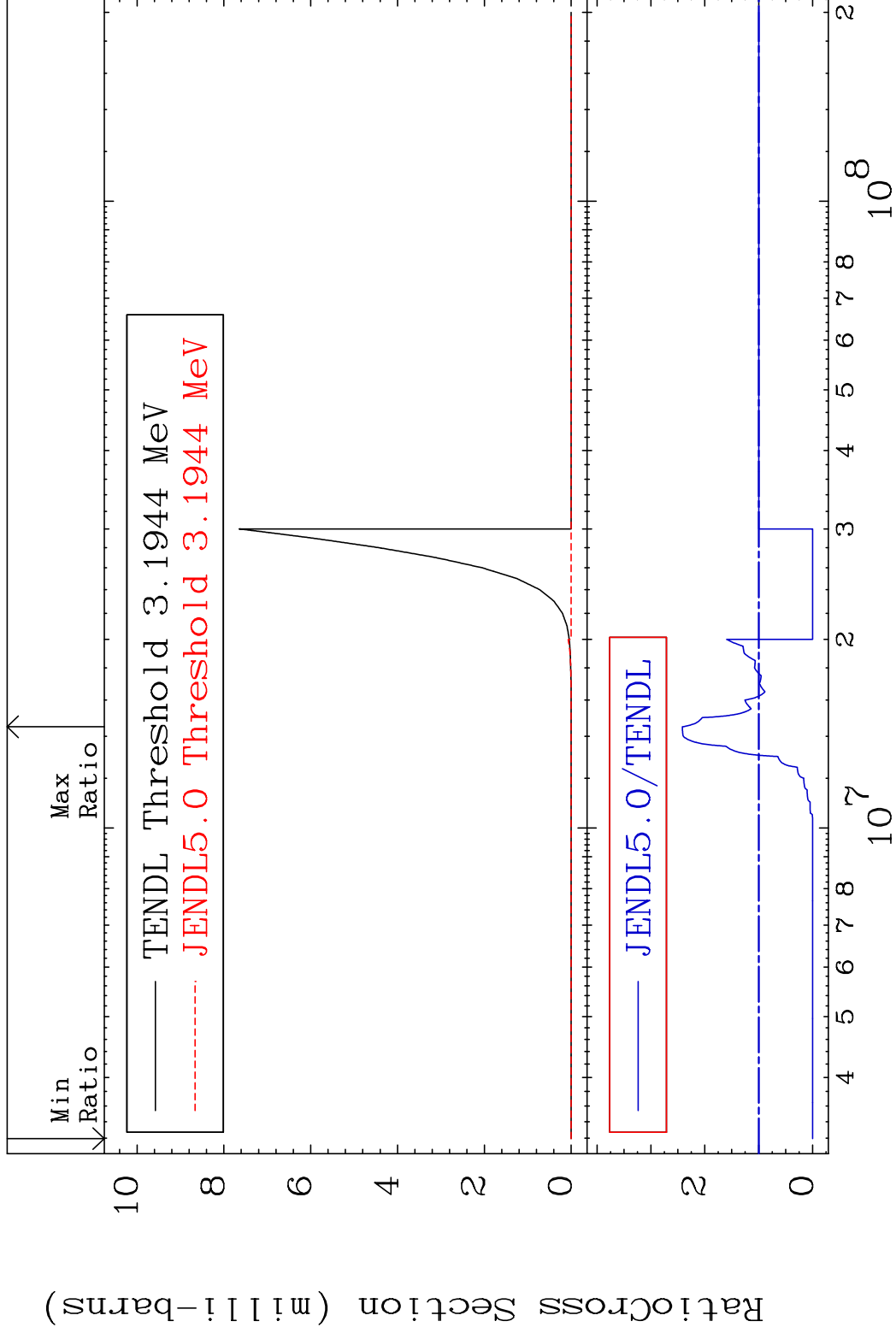
84-Po-208

MAT 8431

(n,2n) α

84-Po-208

Cross Section -100.0 To 141.7 %



8

Incident Energy (eV)

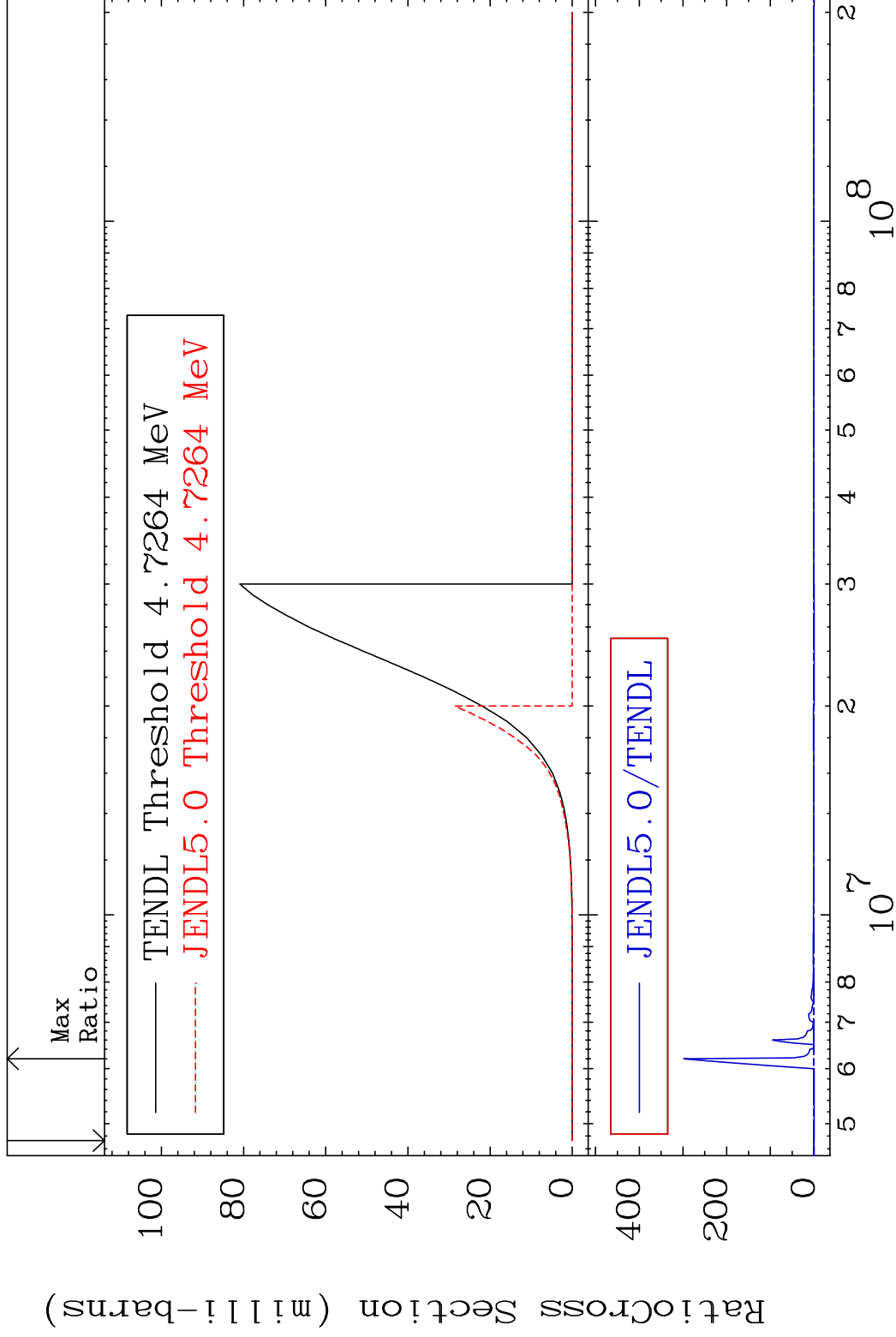
84-Po-208

MAT 8431

(n, n') p

84-Po-208

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

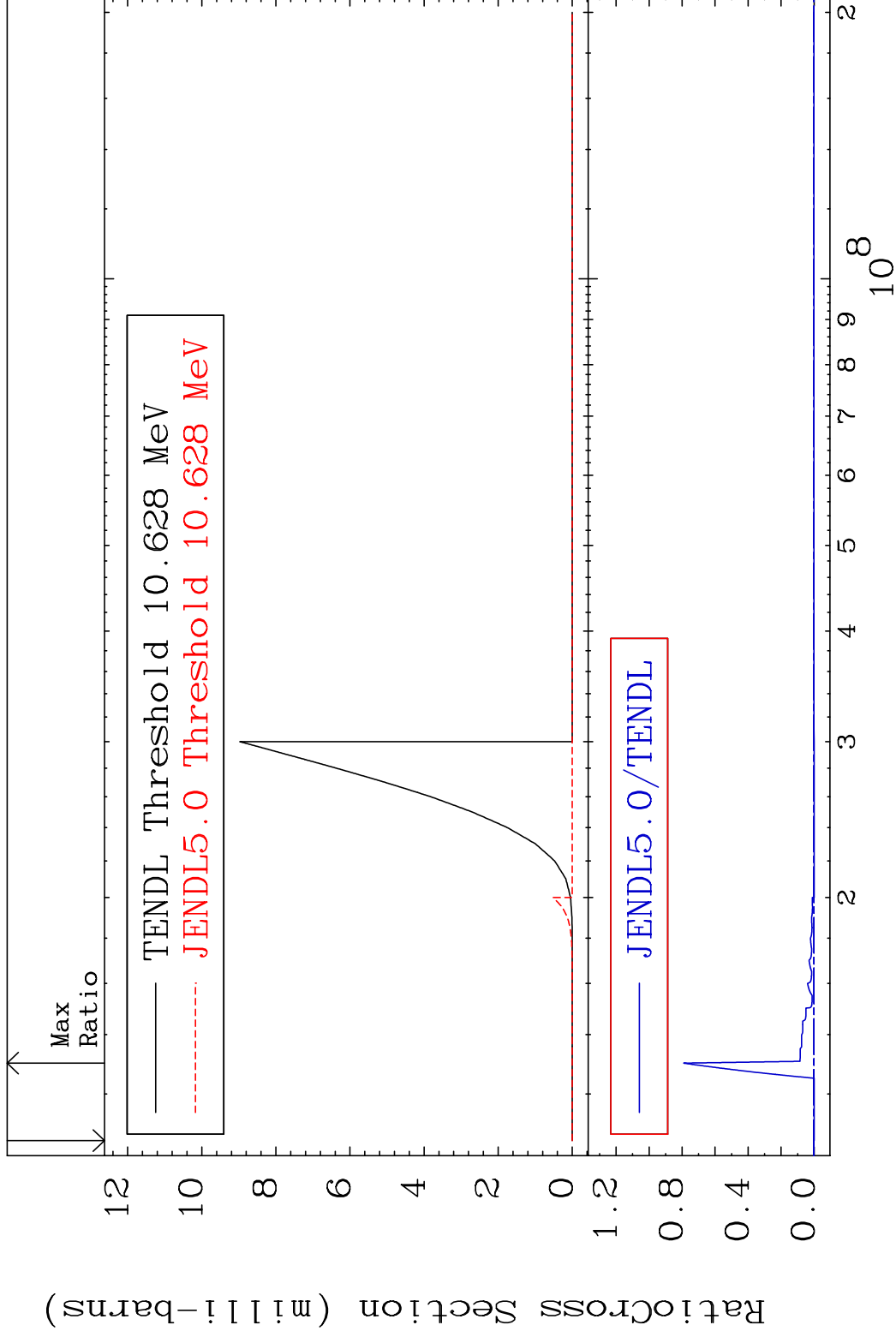
84-Po-208

MAT 8431

(n, n') d

84-Po-208

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

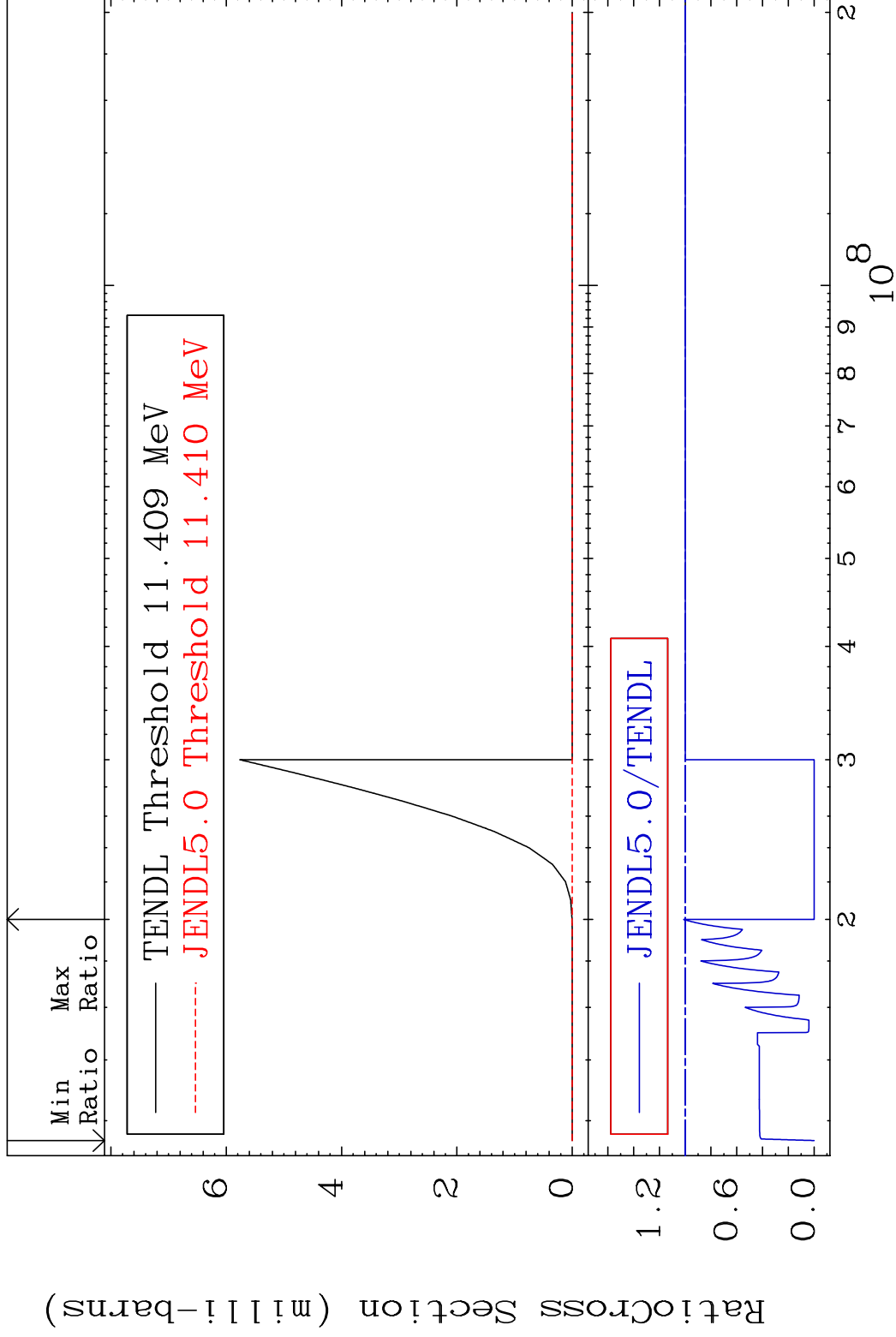
84-Po-208

MAT 8431

(n, n') t

84-Po-208

Cross Section -100.0 To 1.184 %

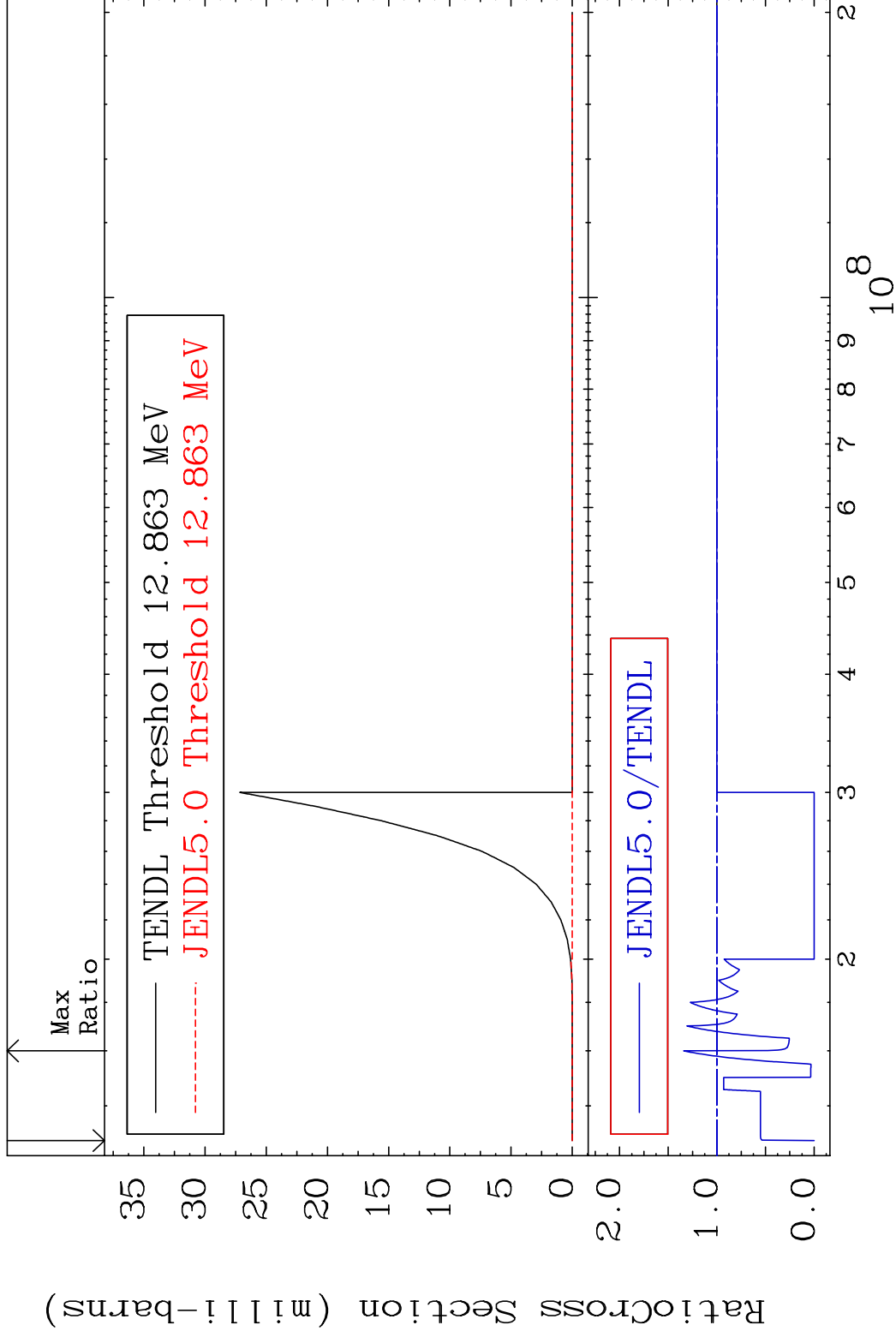


MAT 8431

(n,2n) p

84-Po-208

Cross Section -100.0 To 34.12 %

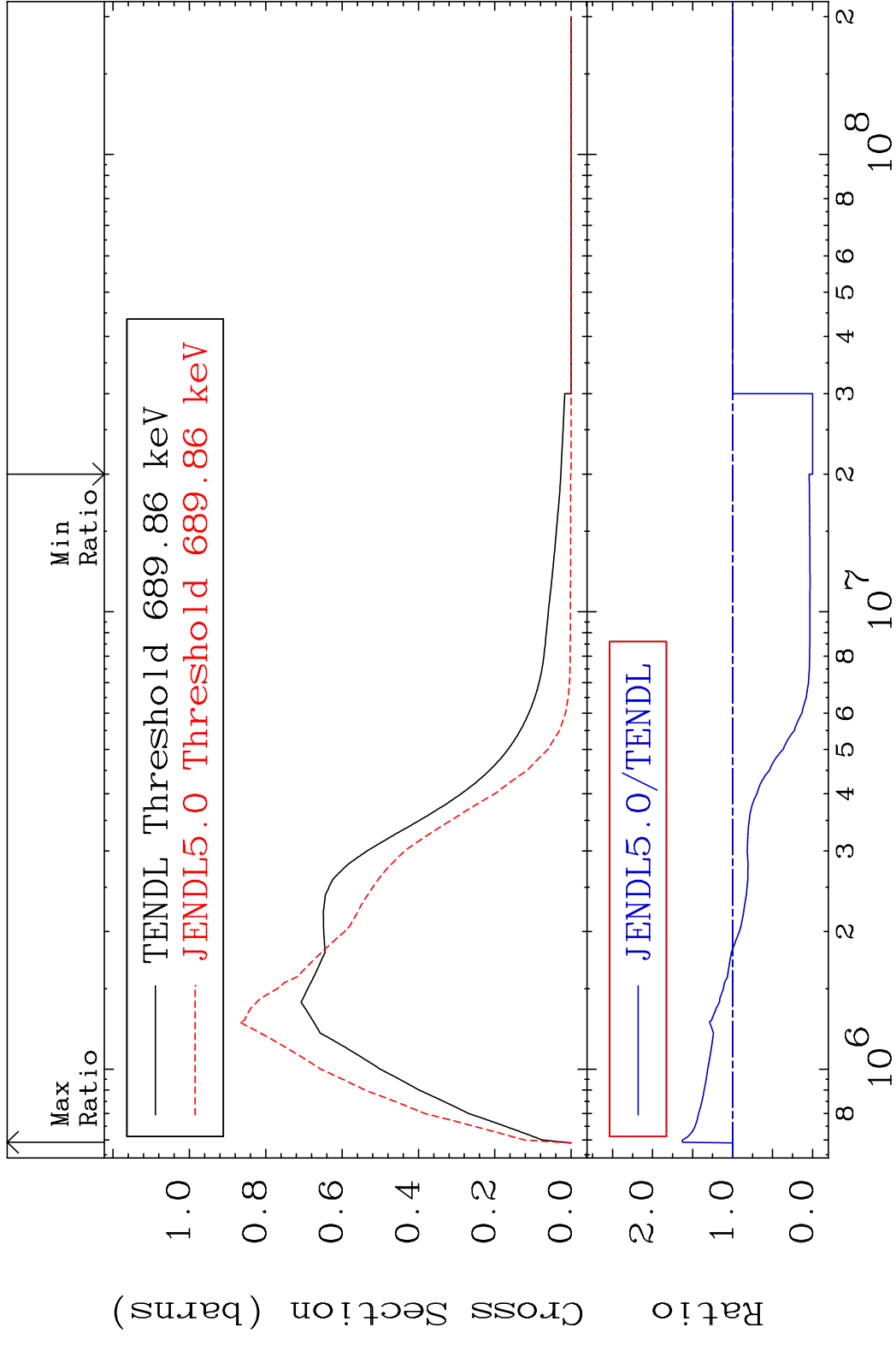


12

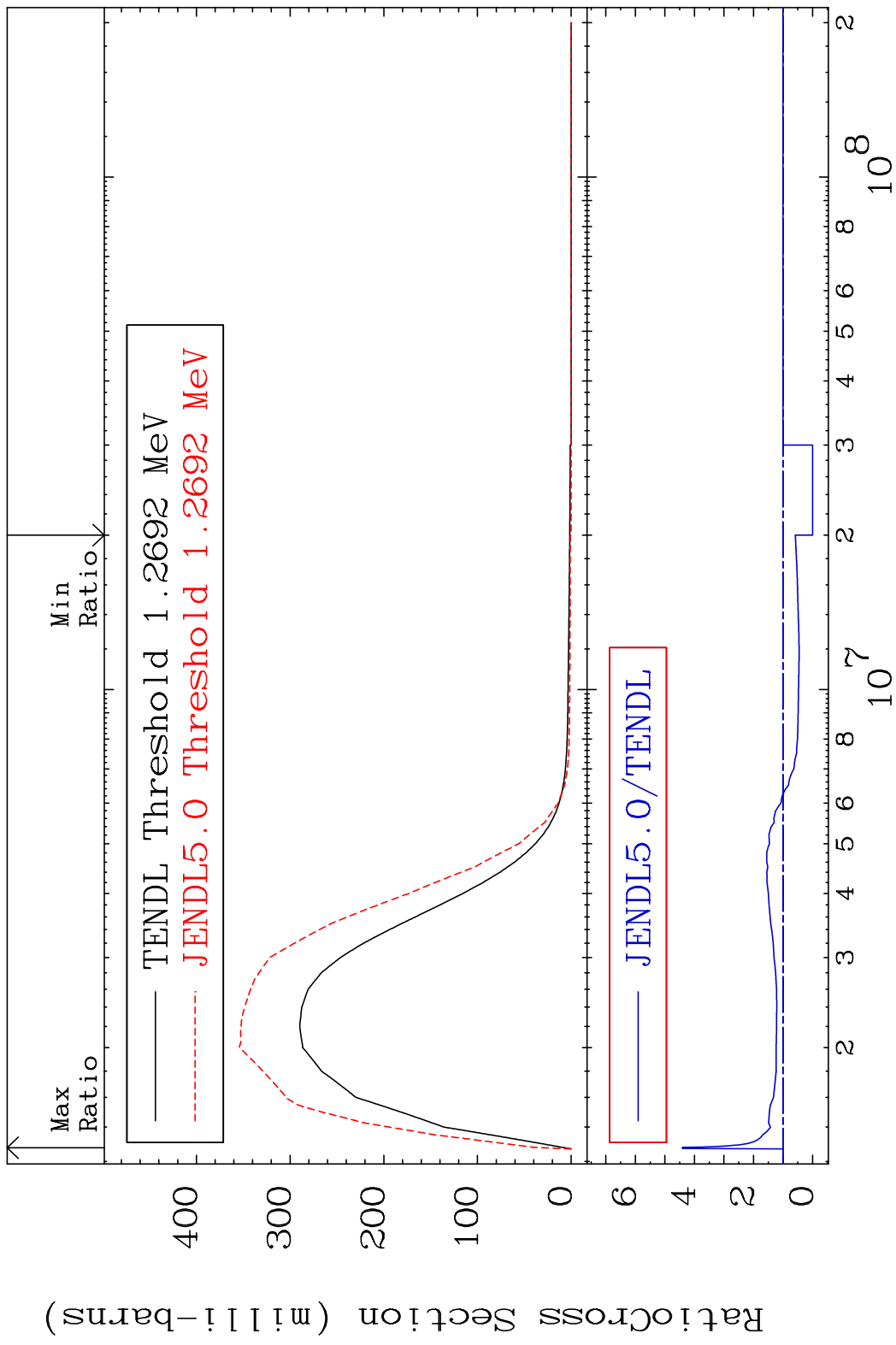
Incident Energy (eV)

84-Po-208

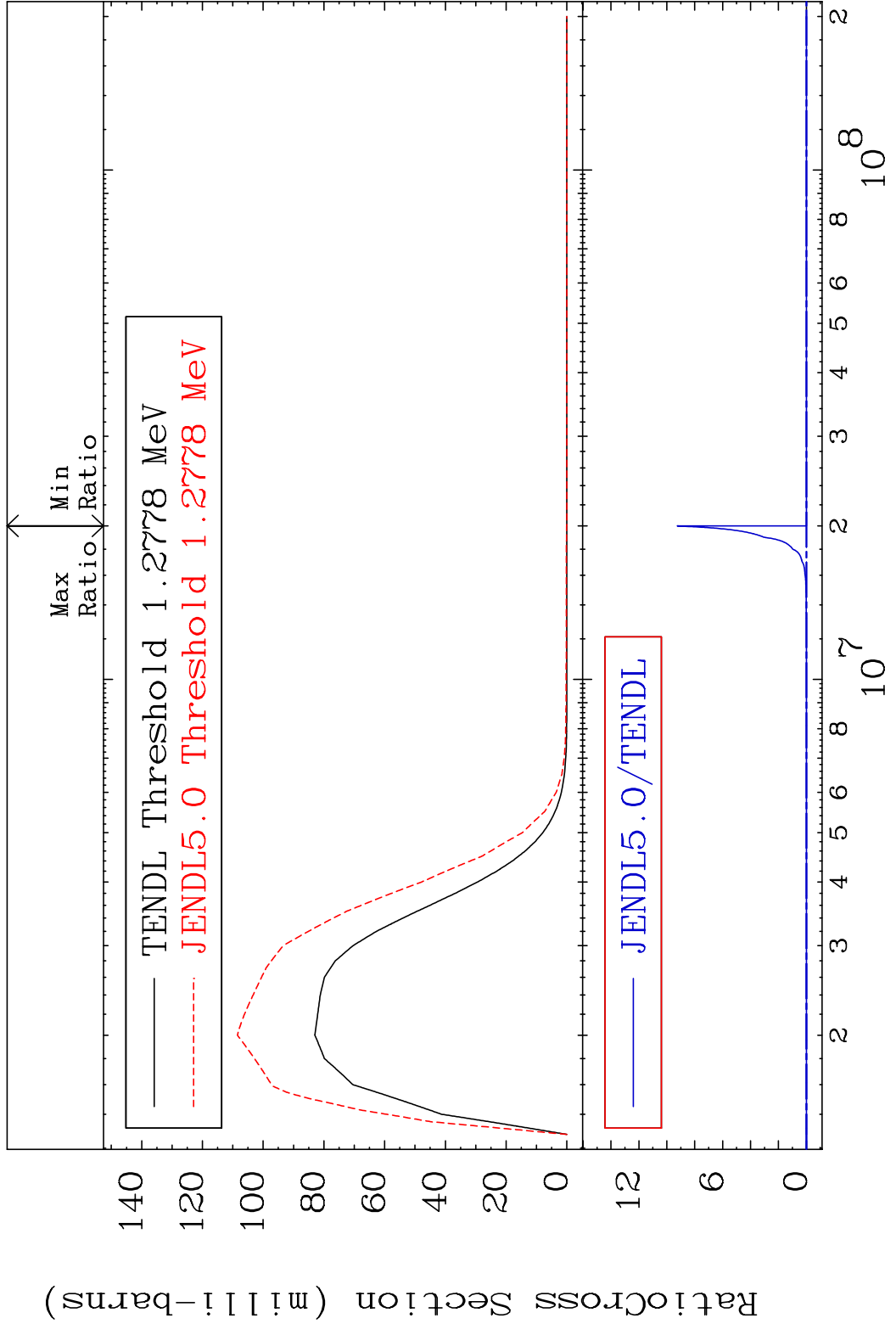
MAT 8431 MT= 51 (n, n') Level 84-Po-208
 Cross Section -100.0 To 62.80 %



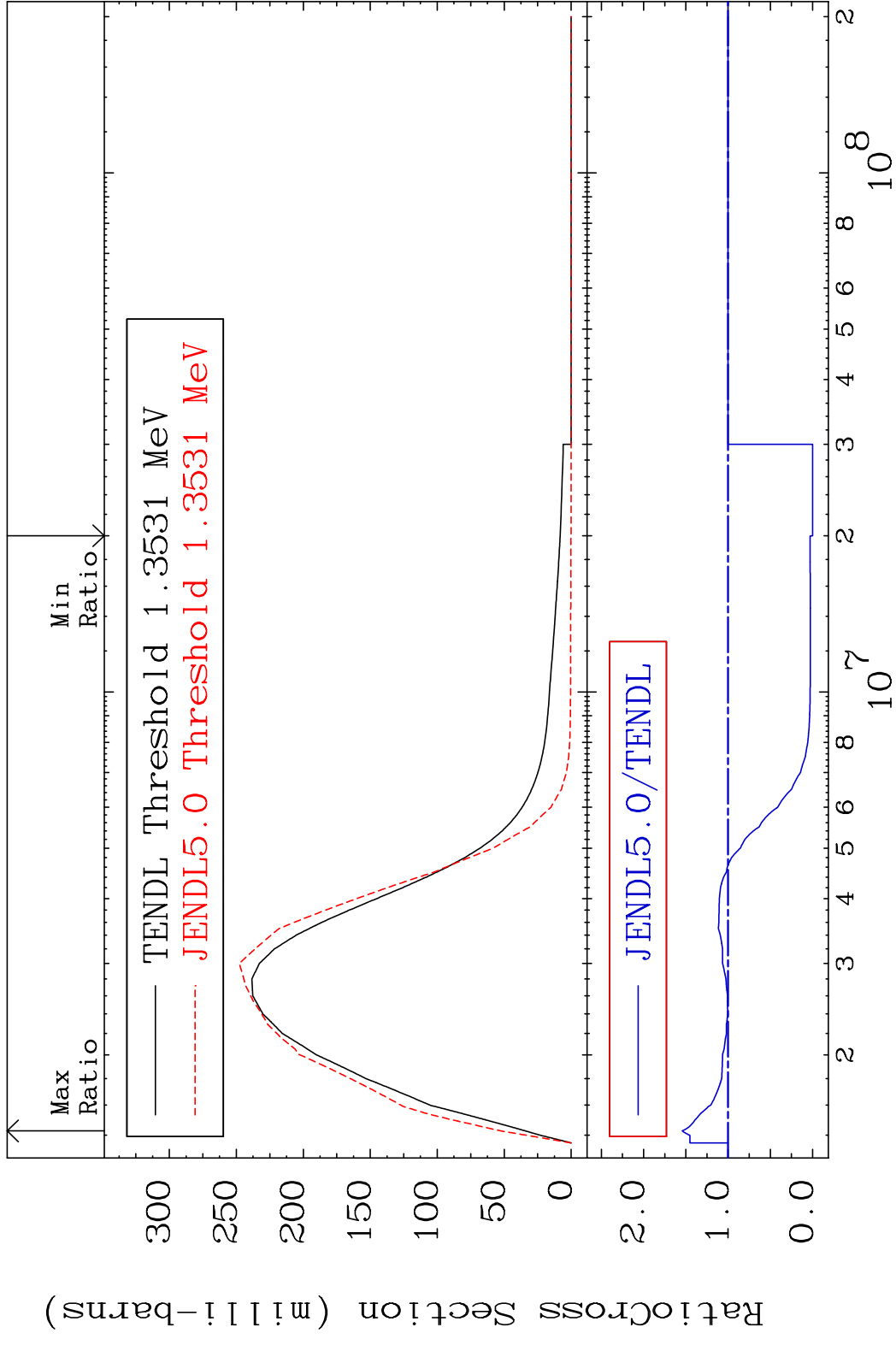
MAT 8431 MT= 52 (n, n') Level 84-Po-208
 Cross Section -100.0 To 340.9 %



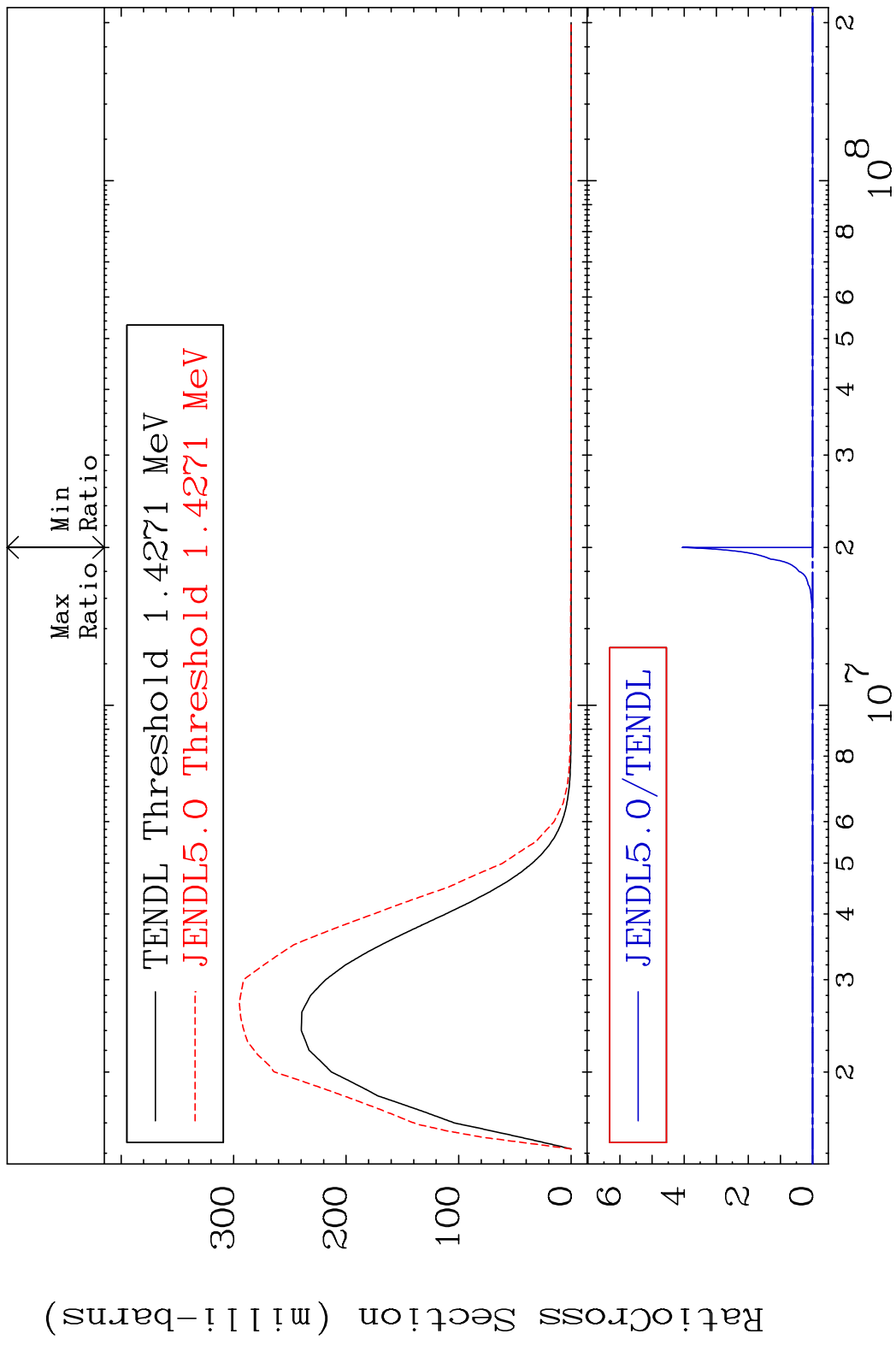
MAT 8431 MT= 53 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %



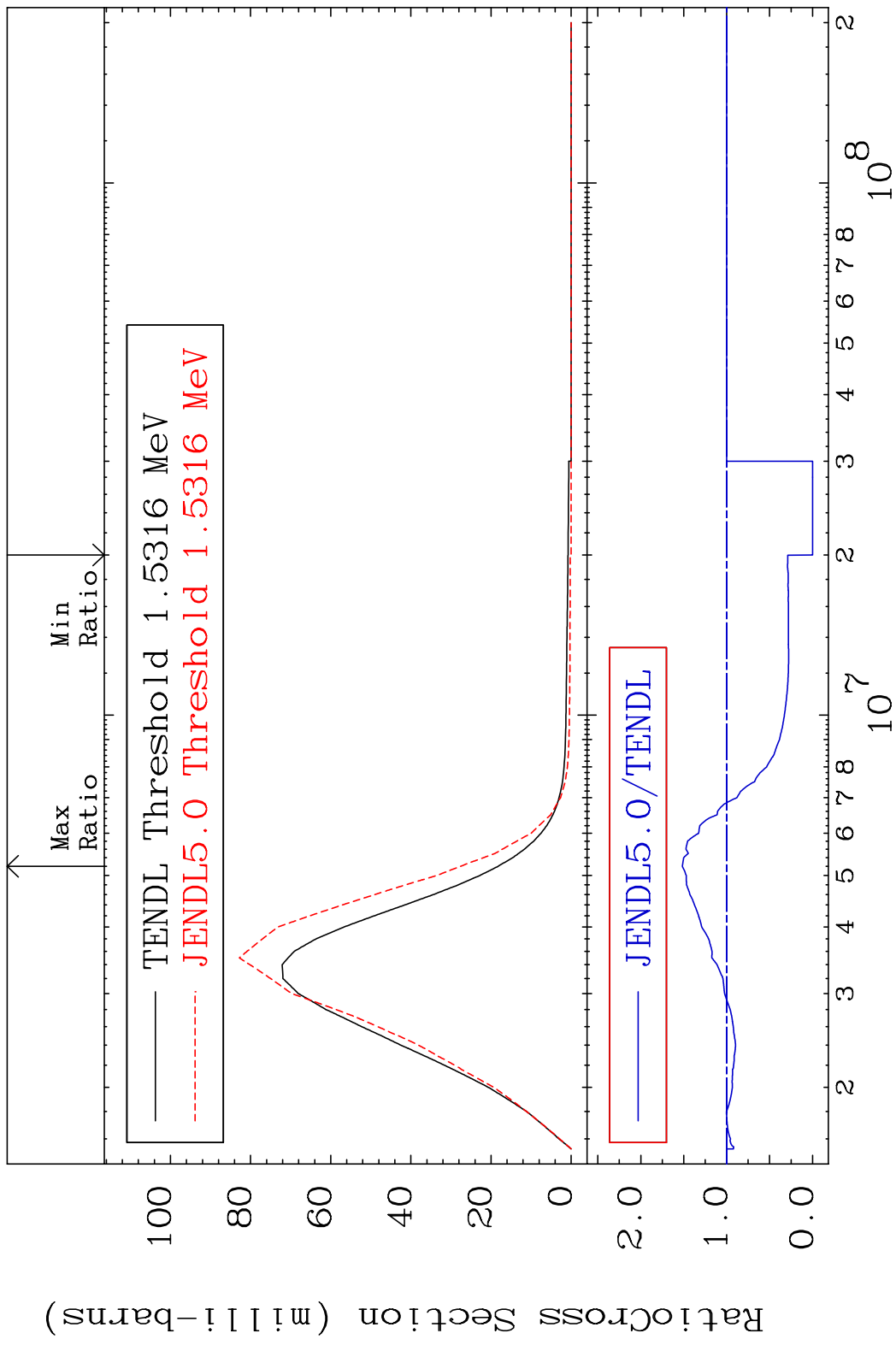
MAT 8431 MT= 54 (n, n') Level 84-Po-208
 Cross Section -100.0 To 54.14 %



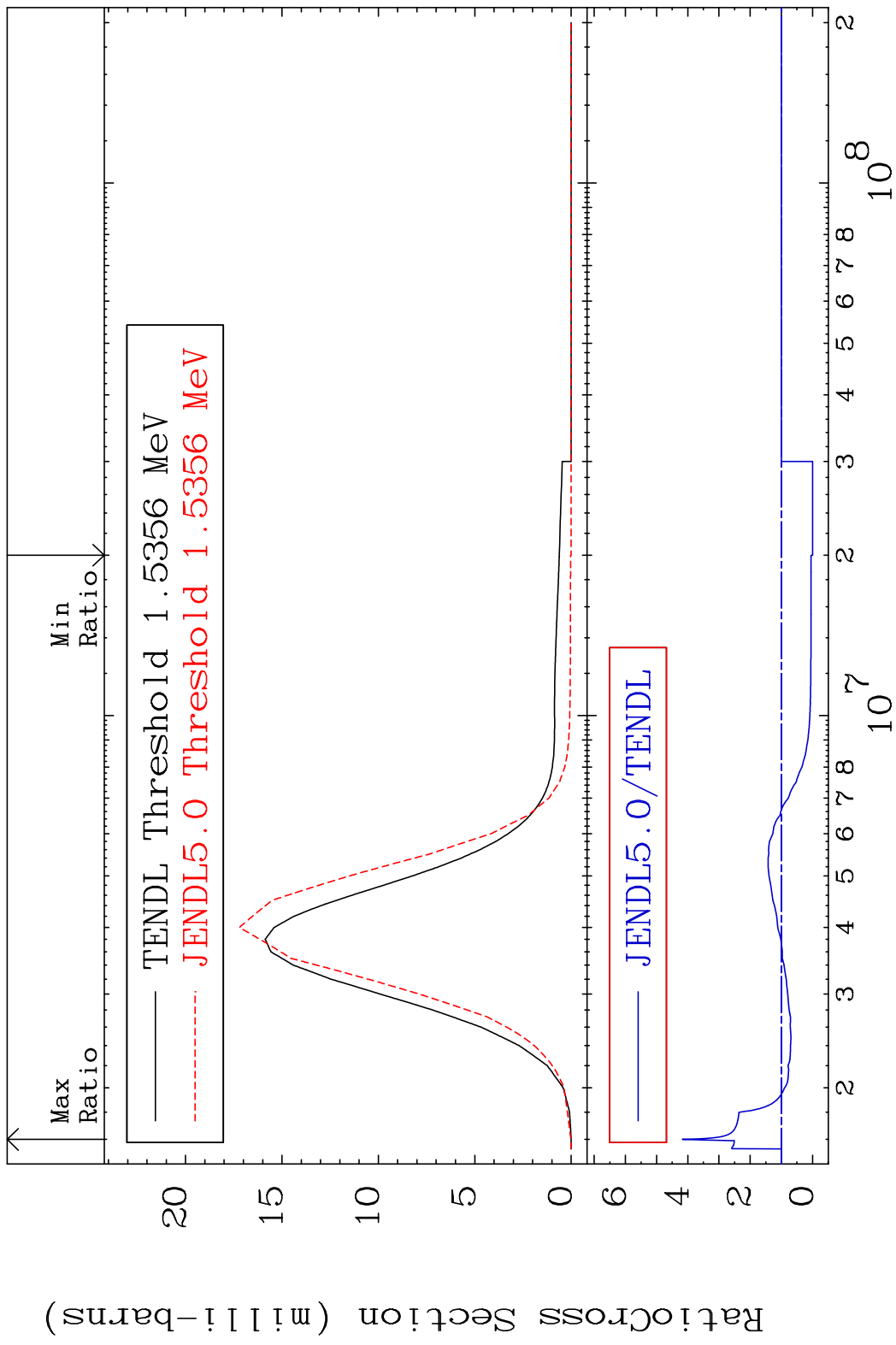
MAT 8431 MT= 55 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %



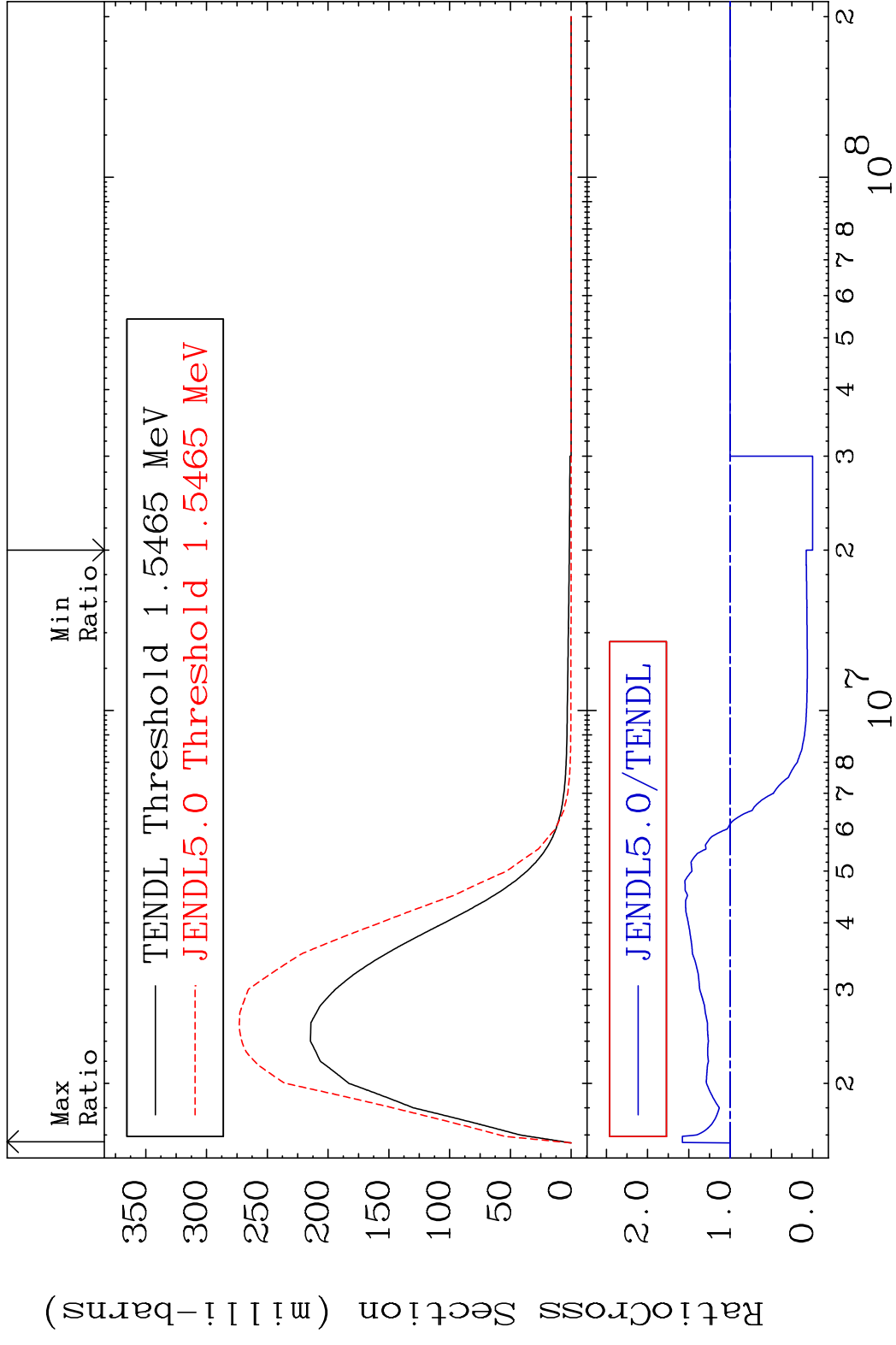
MAT 8431 MT= 56 (n, n') Level 84-Po-208
 Cross Section -100.0 To 51.60 %



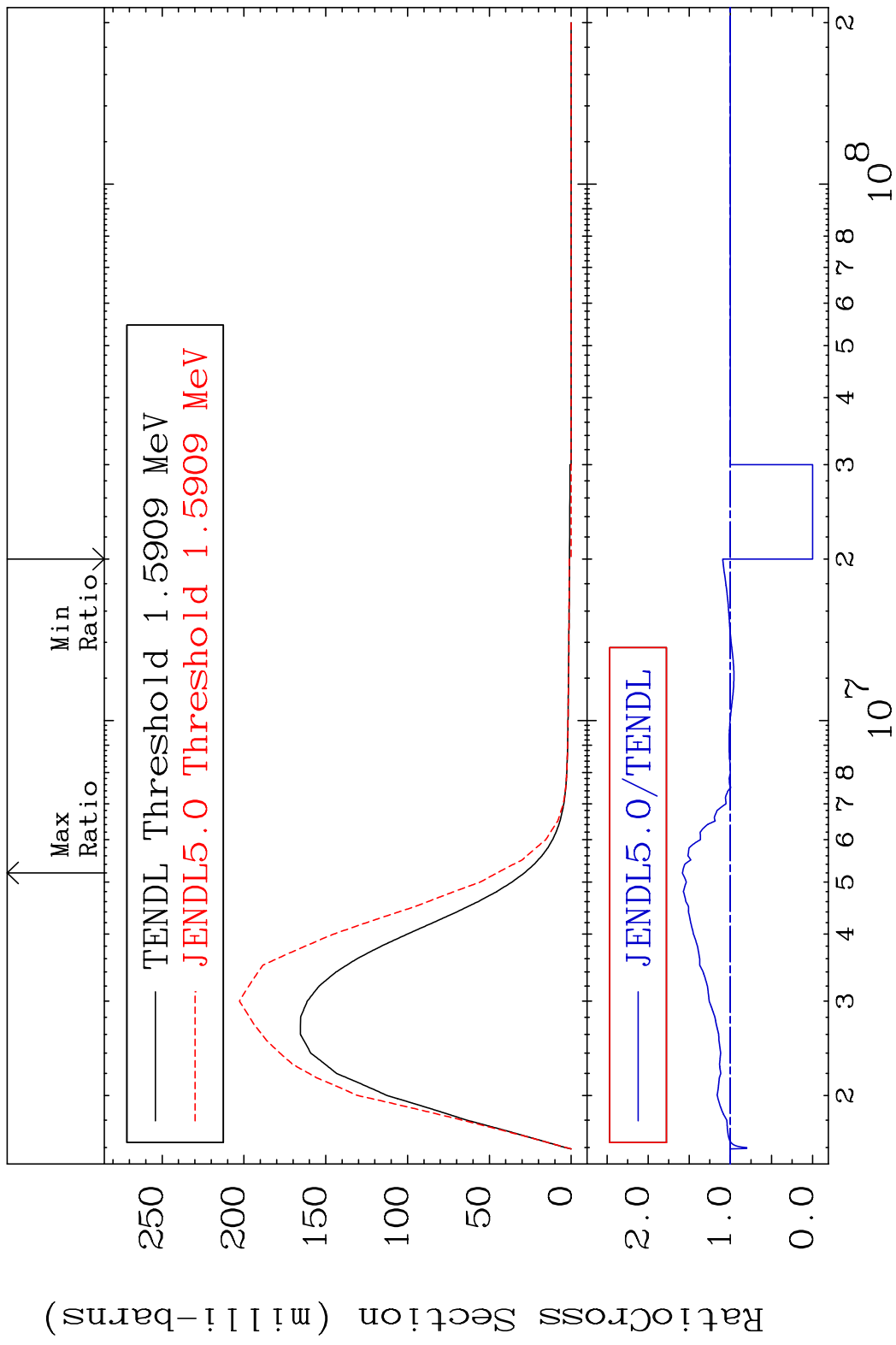
MAT 8431 MT= 57 (n, n') Level 84-Po-208
 Cross Section -100.0 To 317.5 %



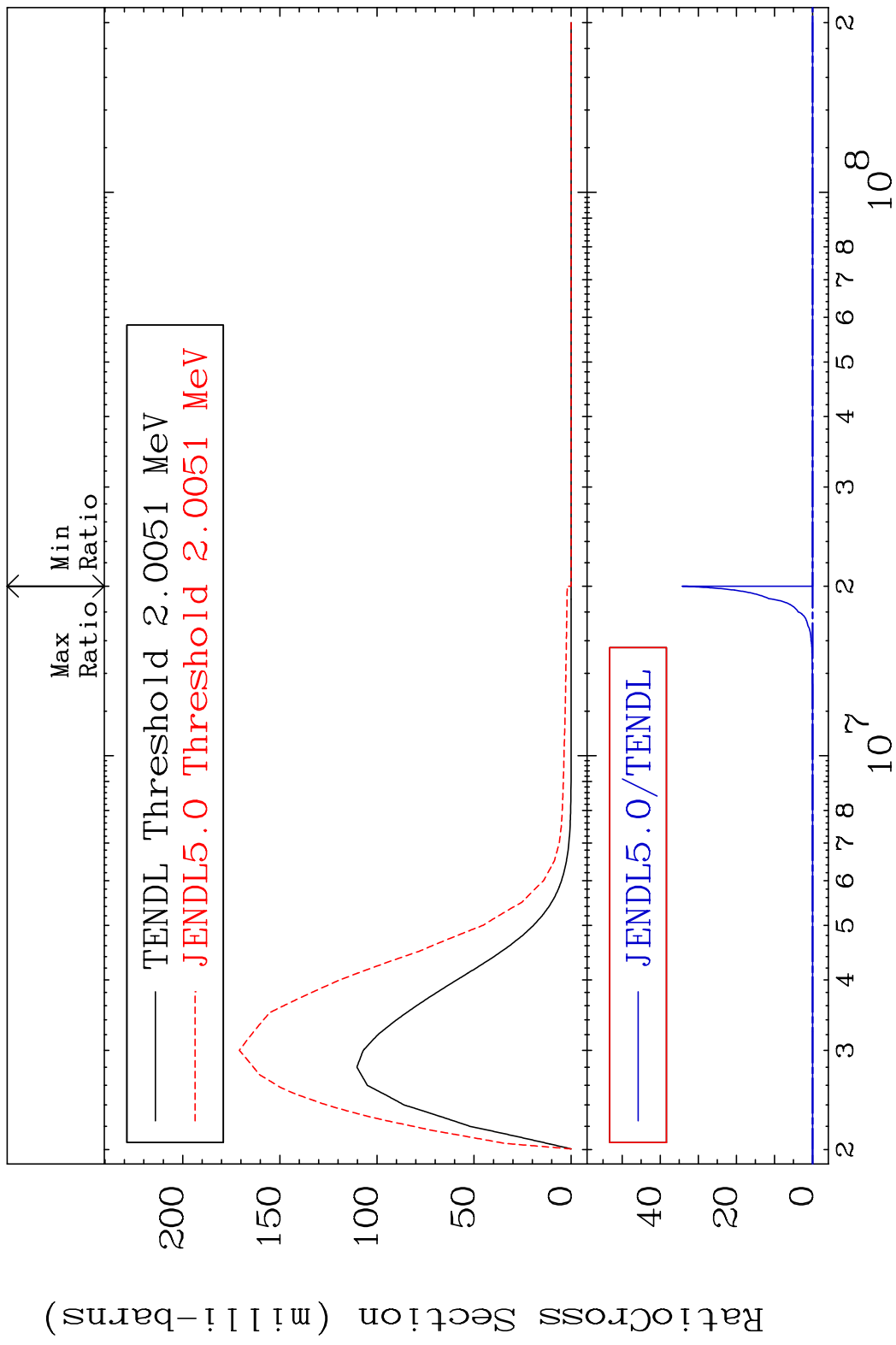
MAT 8431 MT= 58 (n,n') Level 84-Po-208
 Cross Section -100.0 To 57.86 %



MAT 8431 MT= 59 (n, n') Level 84-Po-208
 Cross Section -100.0 To 58.45 %

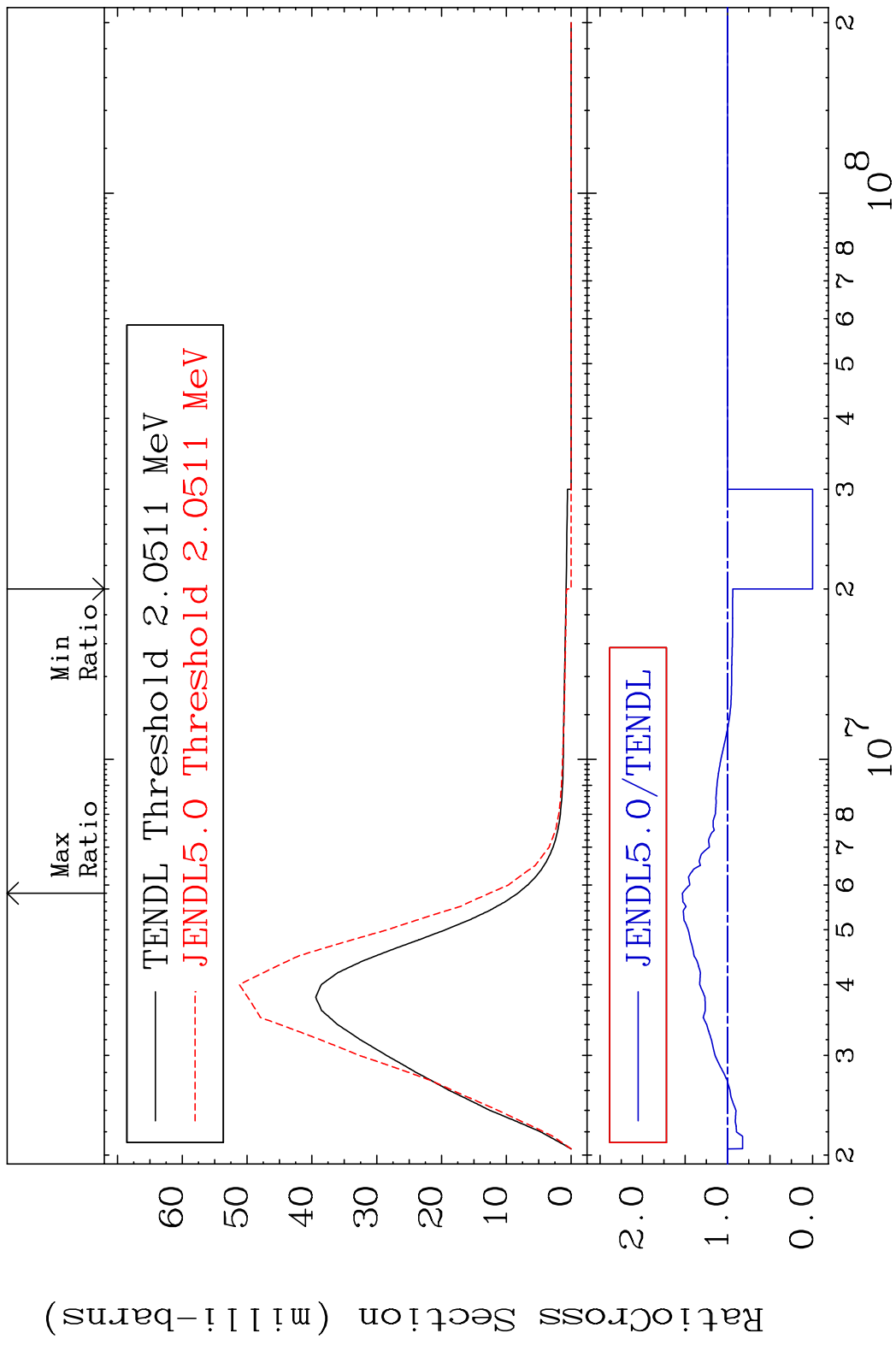


MAT 8431 MT= 60 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %

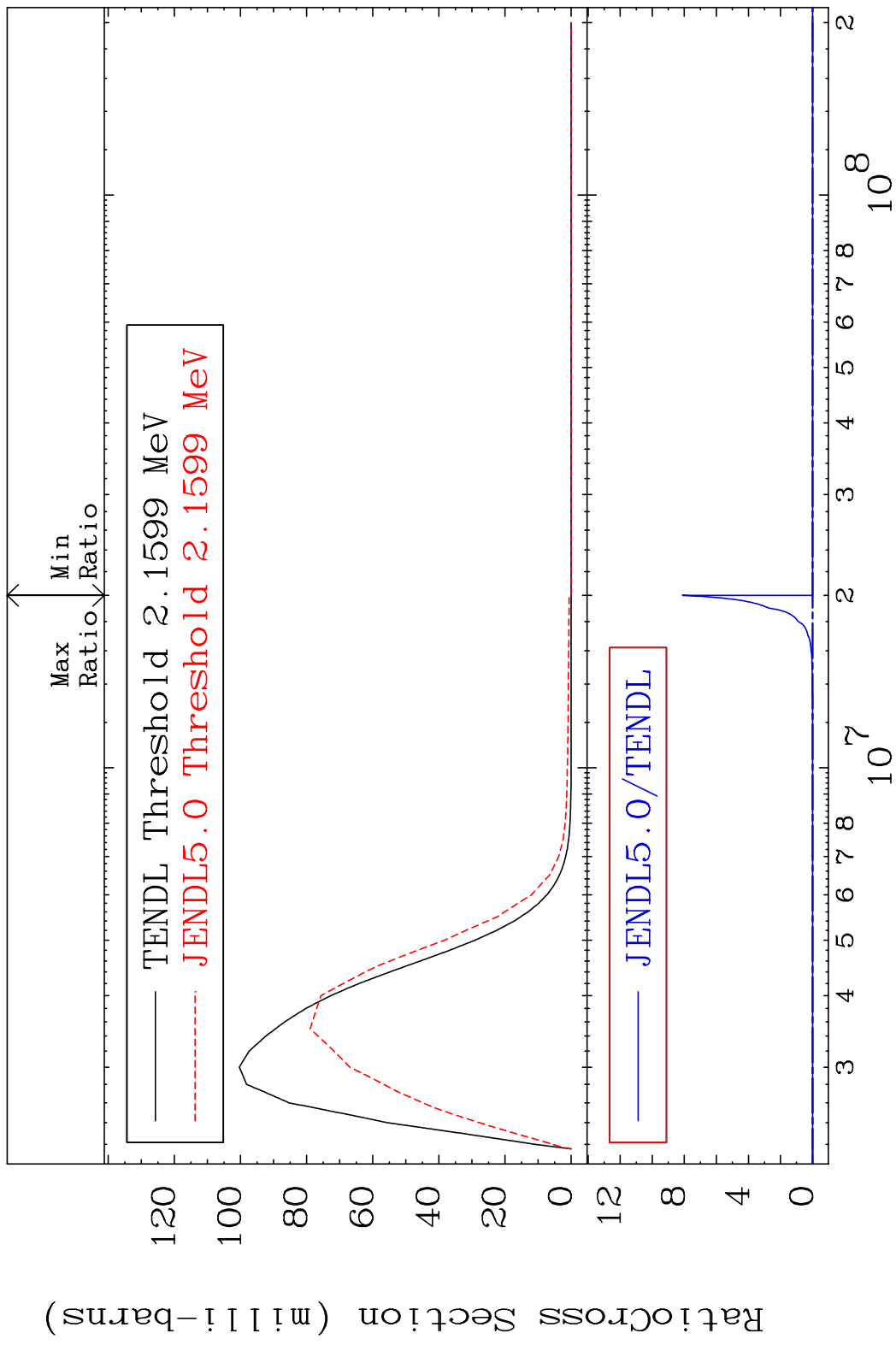


22 84-Po-208

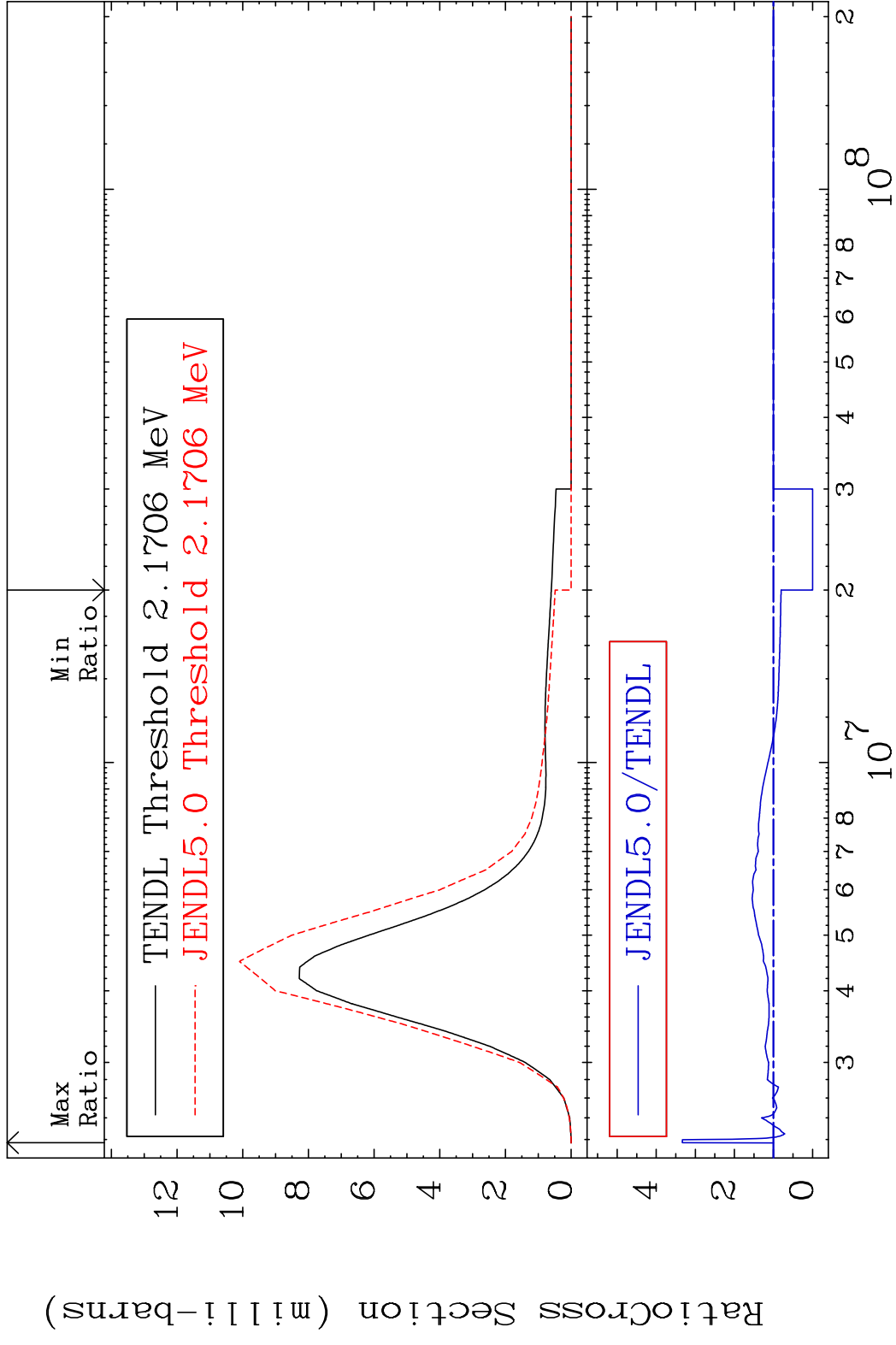
MAT 8431 MT= 61 (n, n') Level 84-Po-208
 Cross Section -100.0 To 53.18 %



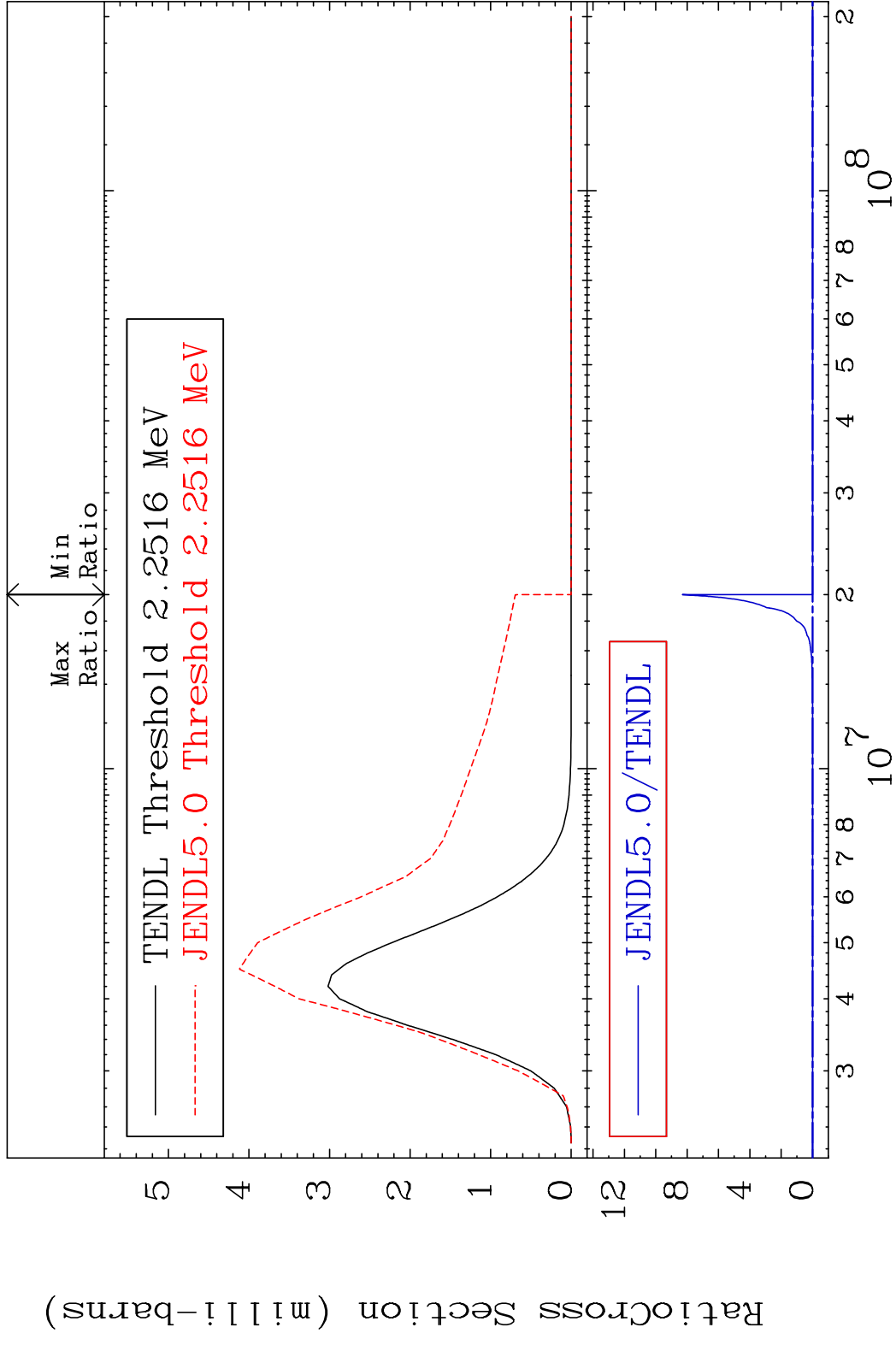
MAT 8431 MT= 62 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %



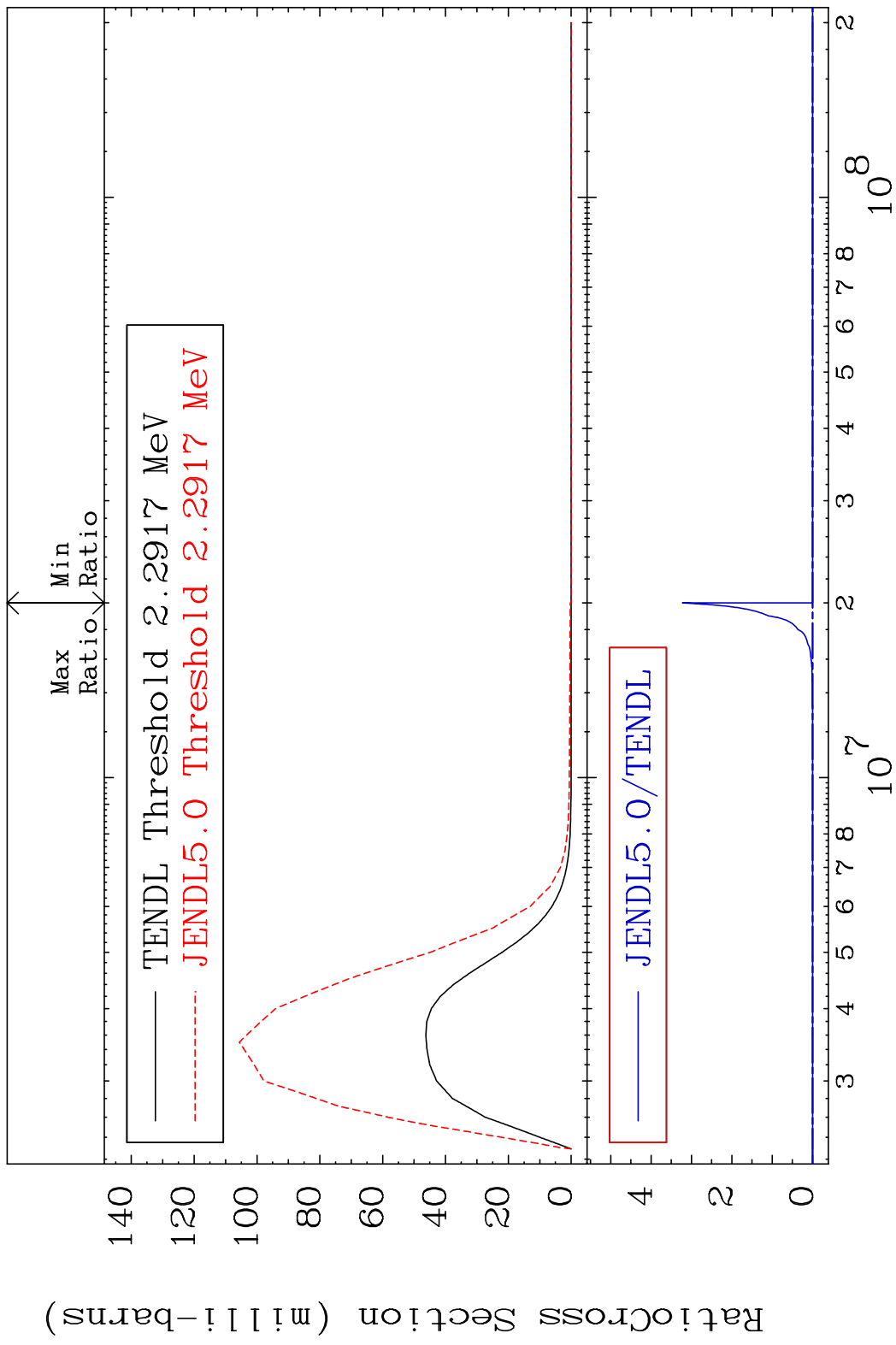
MAT 8431 MT= 63 (n, n') Level 84-Po-208
 Cross Section -100.0 To 233.2 %



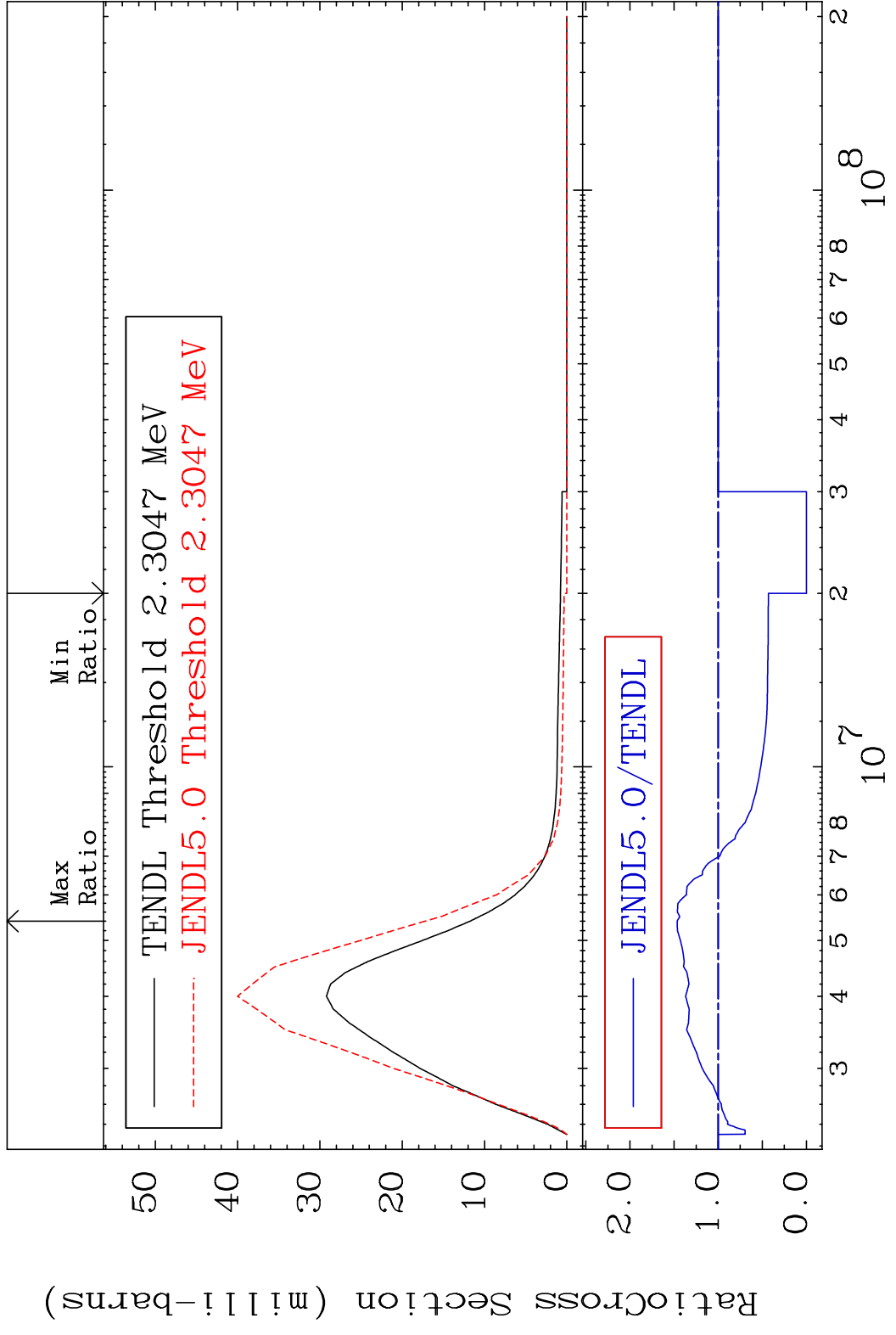
MAT 8431 MT= 64 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %



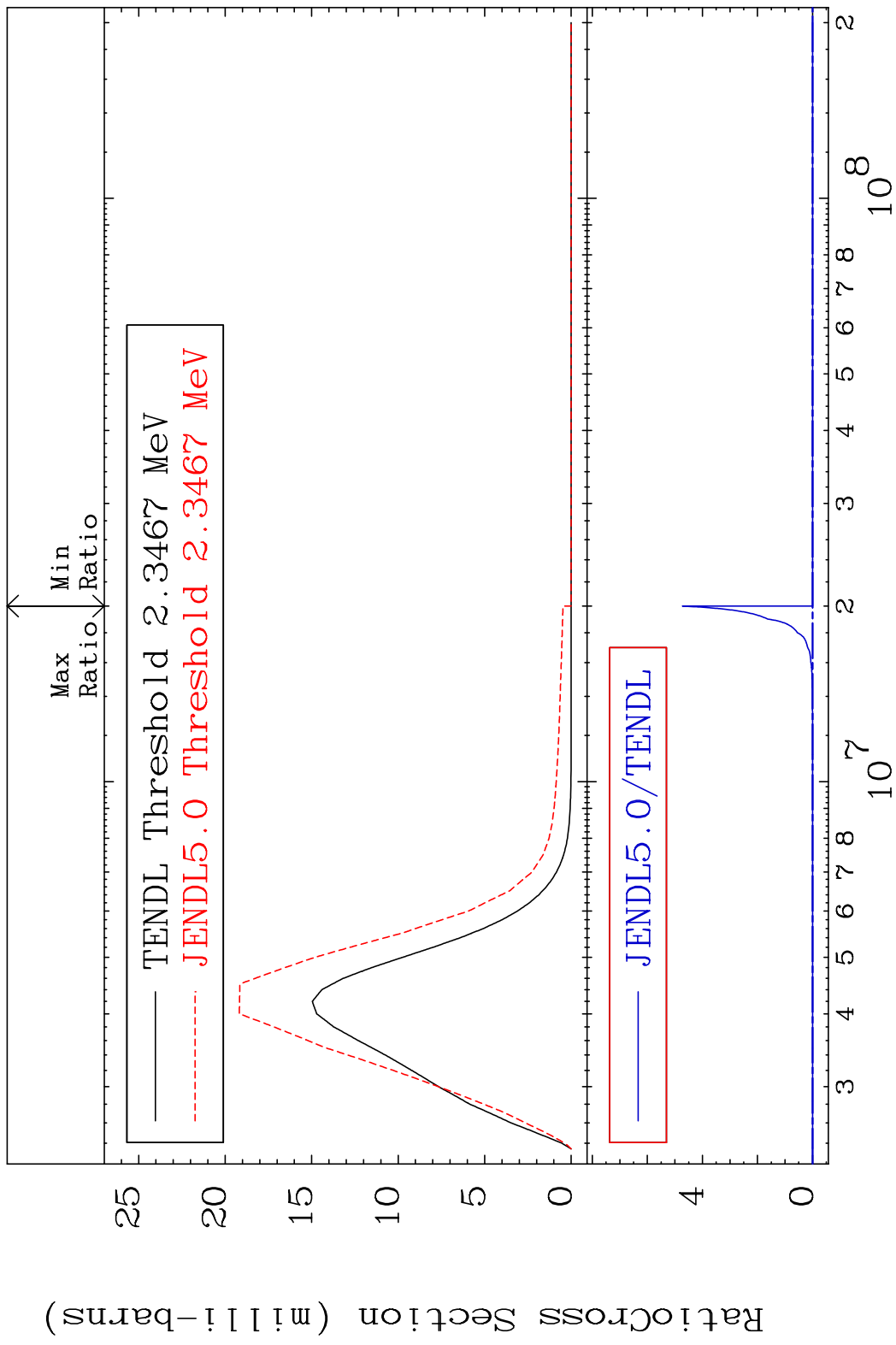
MAT 8431 MT= 65 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %



MAT 8431 MT= 66 (n, n') Level 84-Po-208
 Cross Section -100.0 To 46.48 %



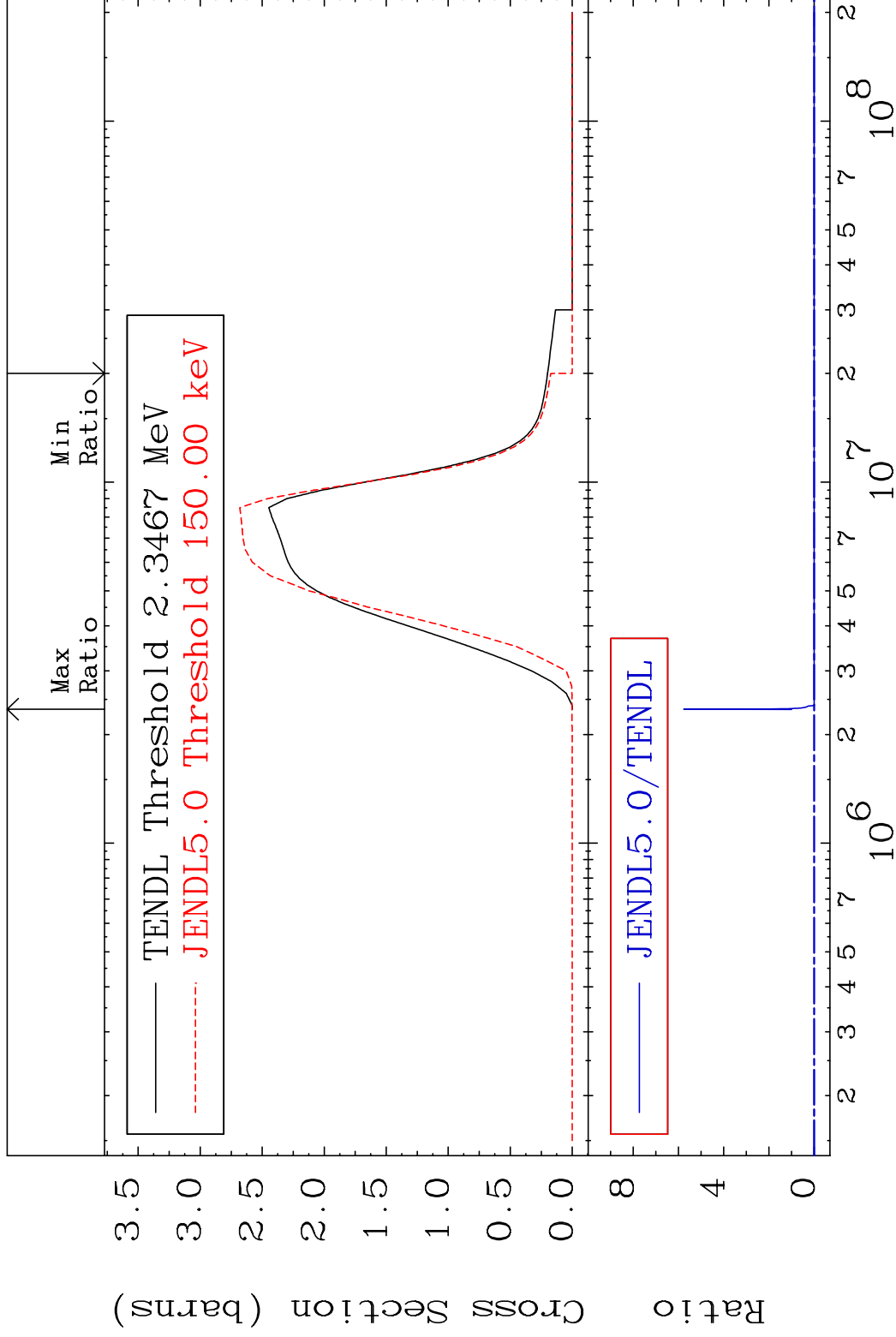
MAT 8431 MT= 67 (n, n') Level 84-Po-208
 Cross Section -100.0 To 9999. %



29 84-Po-208

MAT 8431

(n, n') Continuum 84-Po-208
Cross Section -100.0 To 9999. %



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Incident Energy (eV)

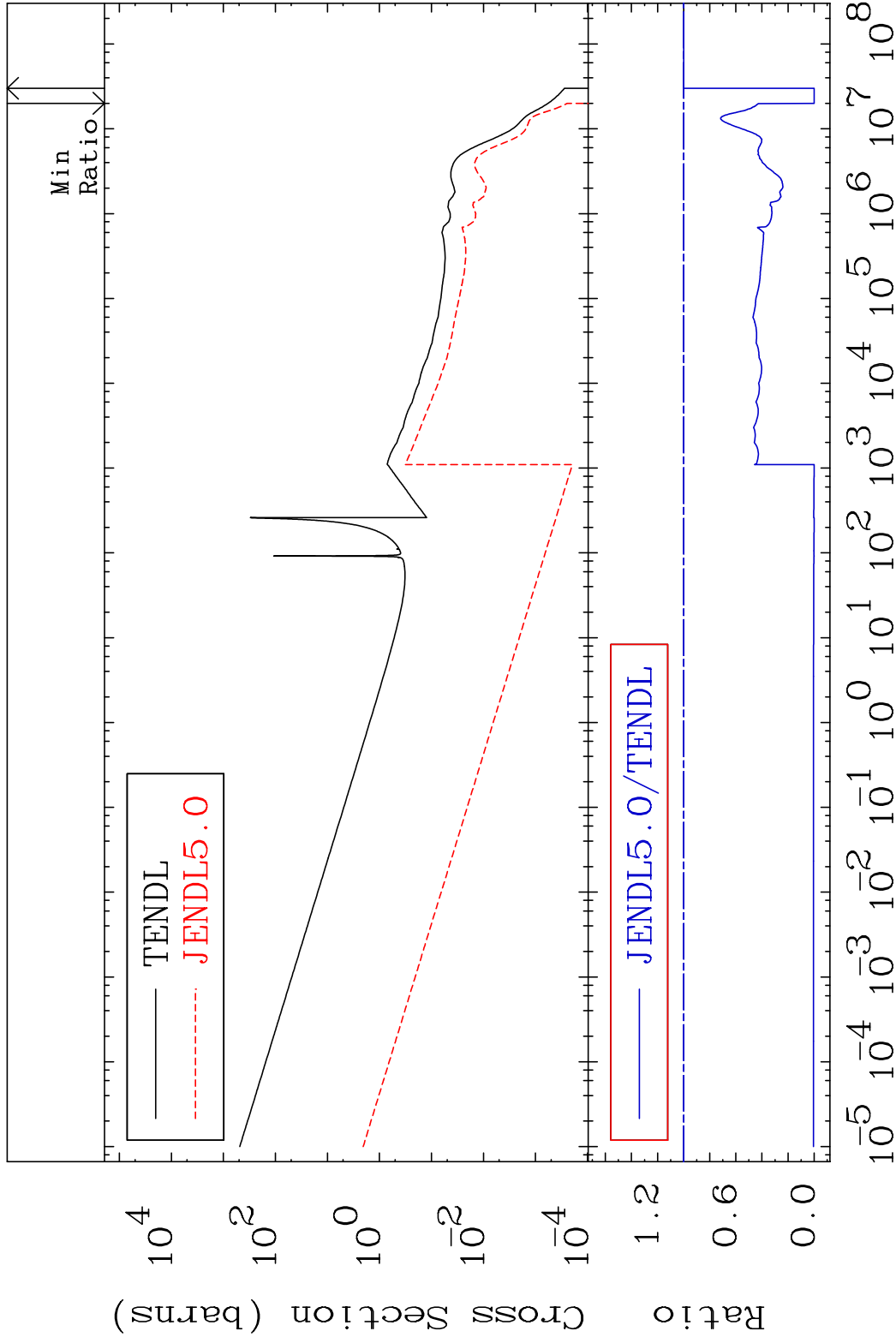
84-Po-208

MAT 8431

(n, γ)

84-Po-208

Cross Section -100.0 To 0.000 %



31

Incident Energy (eV)

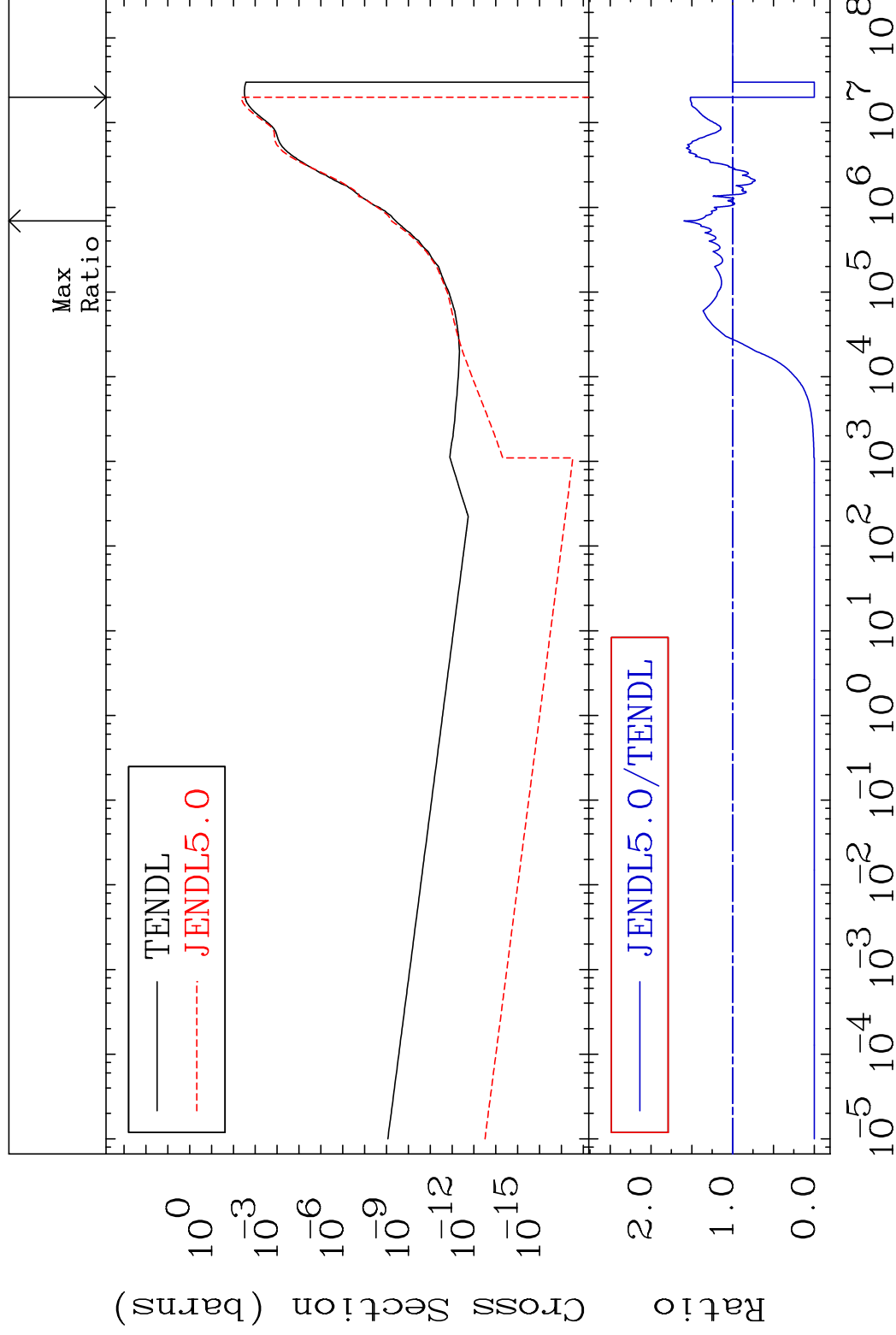
84-Po-208

MAT 8431

(n, p)

84-Po-208

Cross Section -100.0 To 59.52 %



32

Incident Energy (eV)

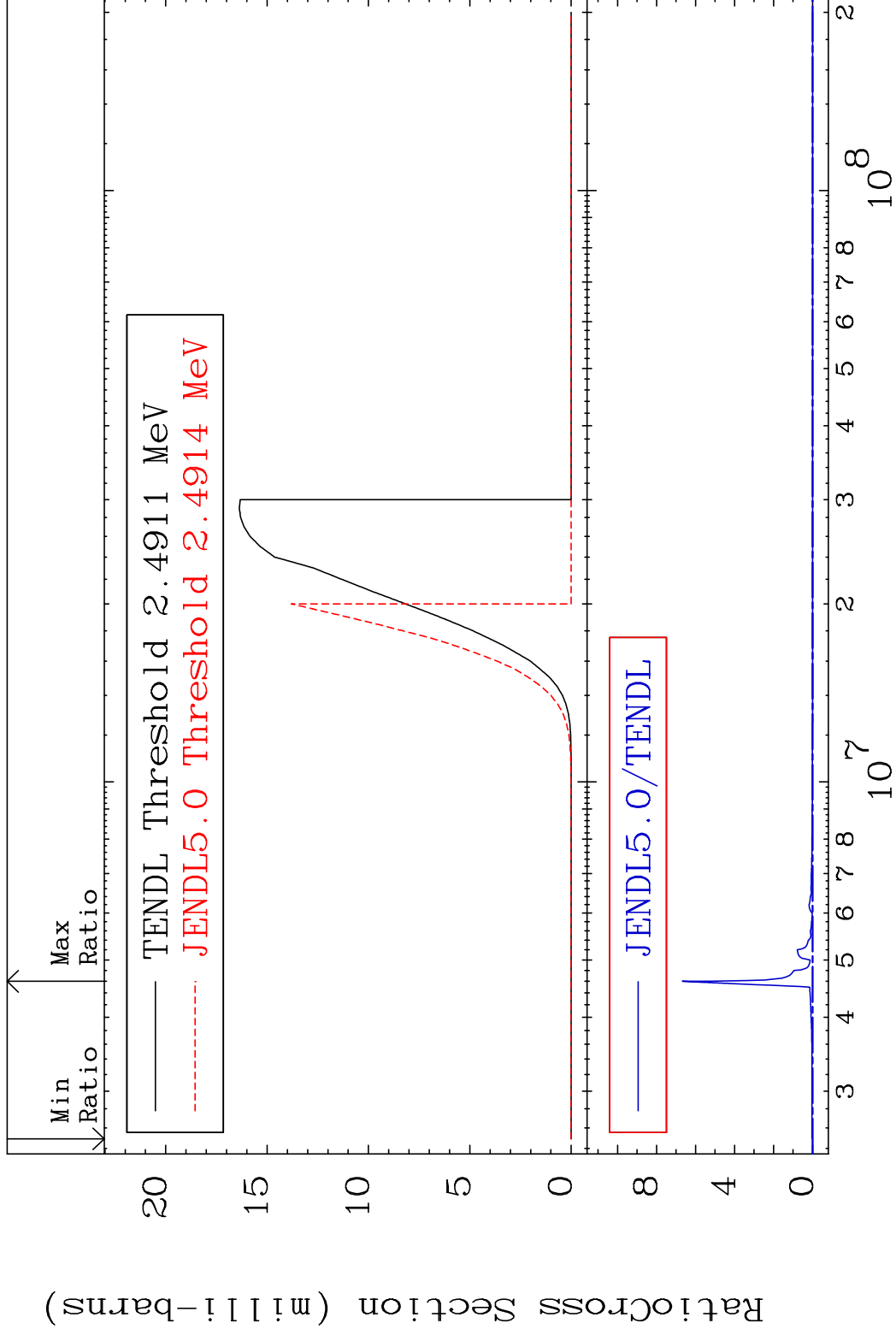
84-Po-208

MAT 8431

(n,d)

84-Po-208

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

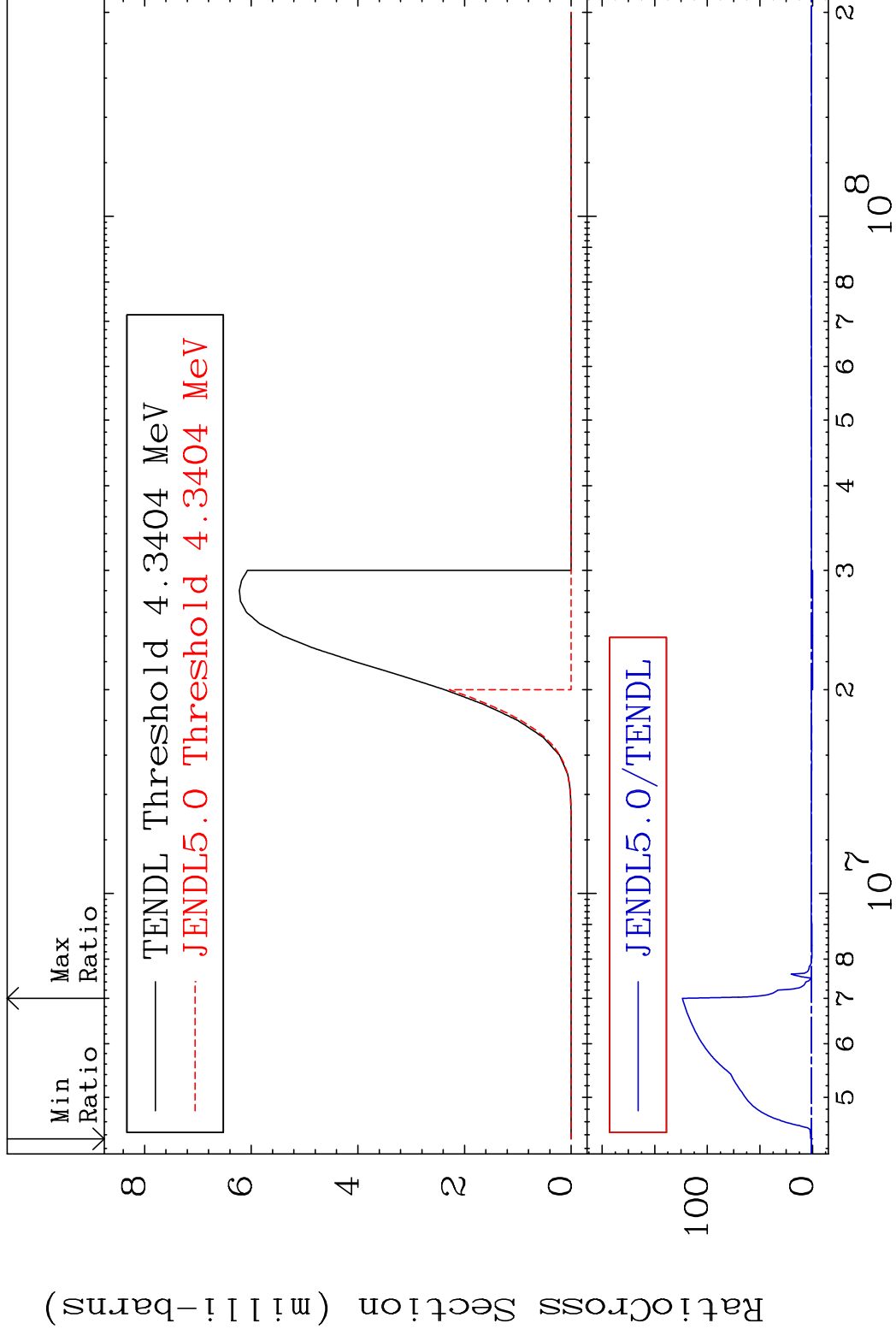
84-Po-208

MAT 8431

(n, t)

84-Po-208

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

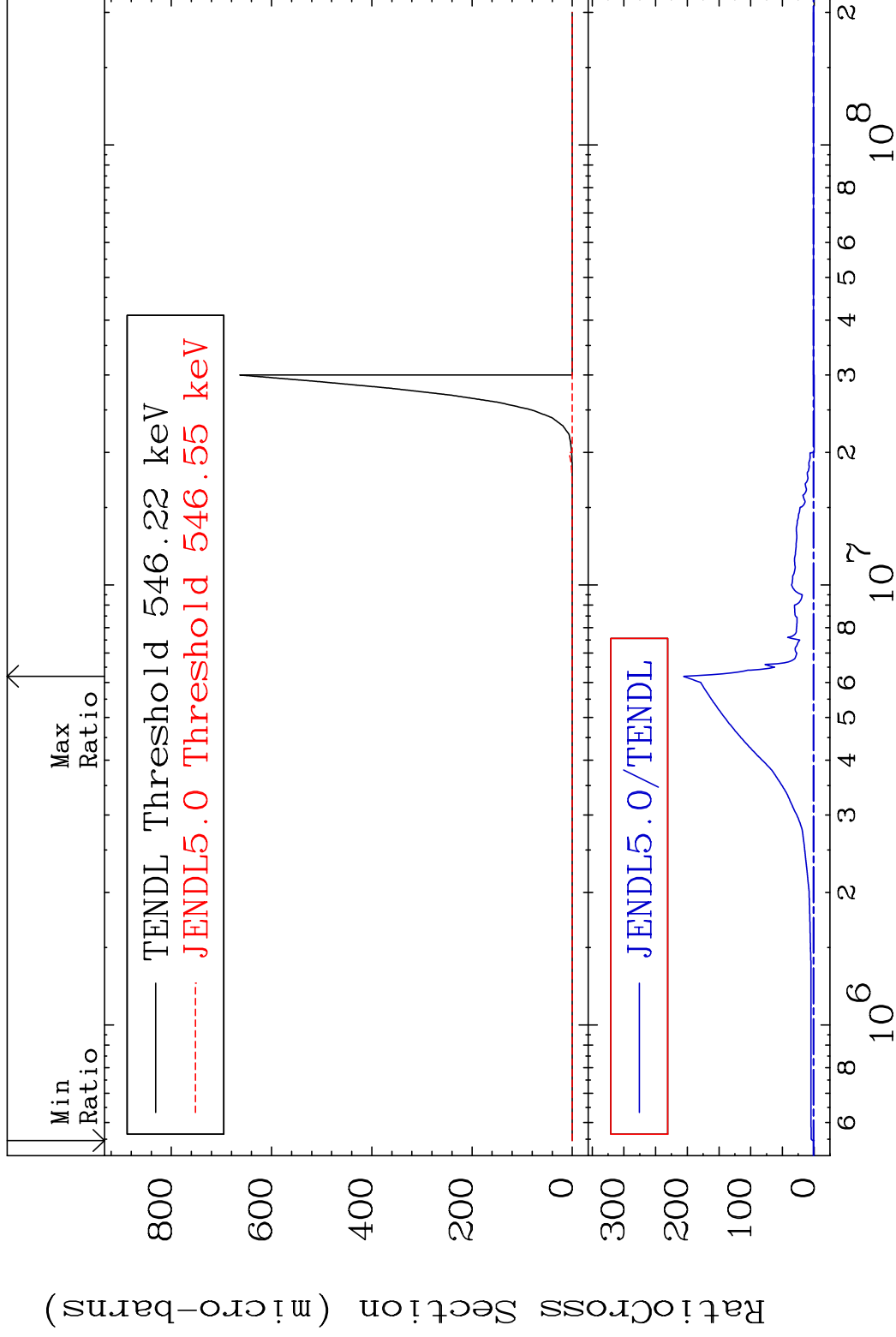
84-Po-208

MAT 8431

(n, He-3)

84-Po-208

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

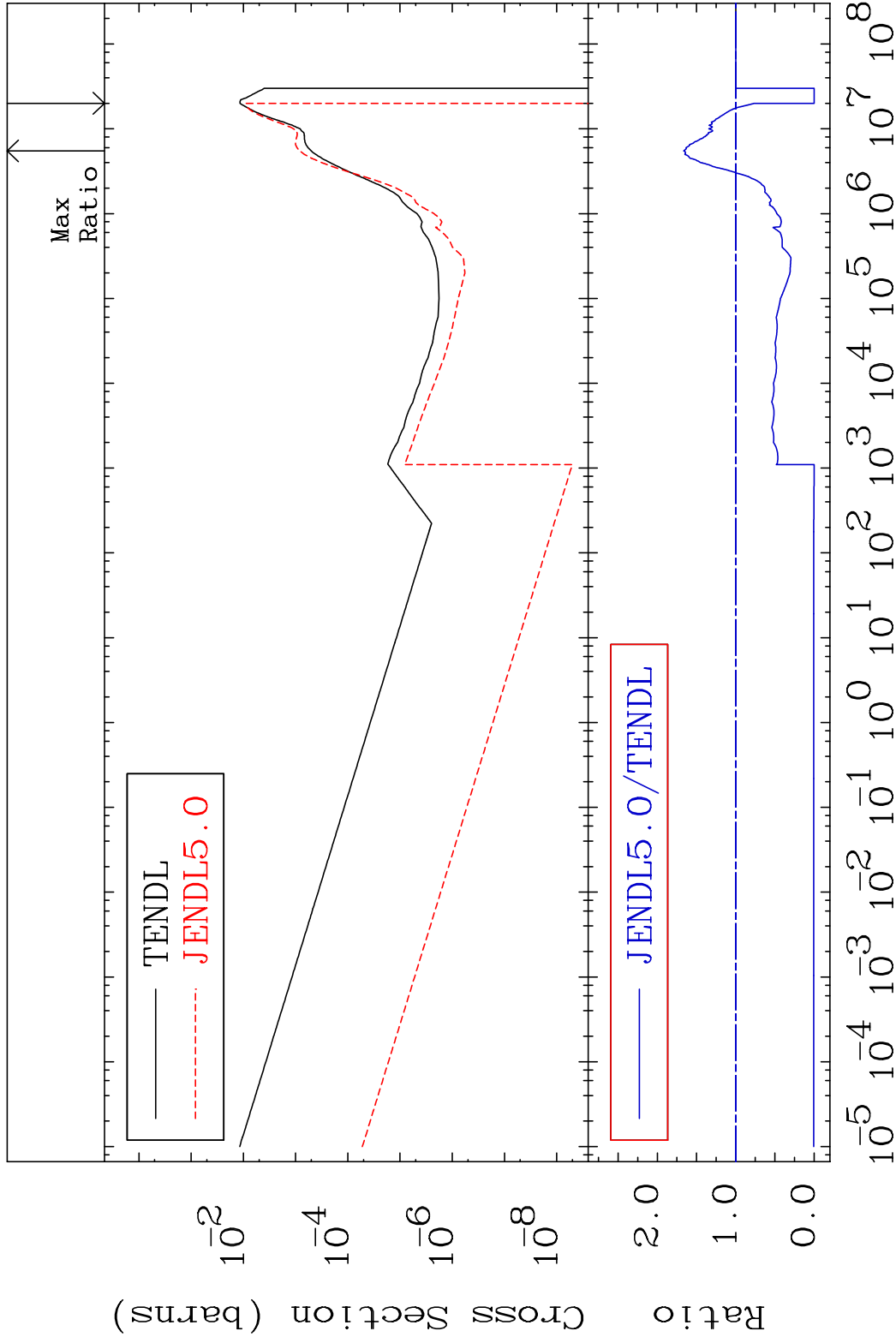
84-Po-208

MAT 8431

(n, α)

84-Po-208

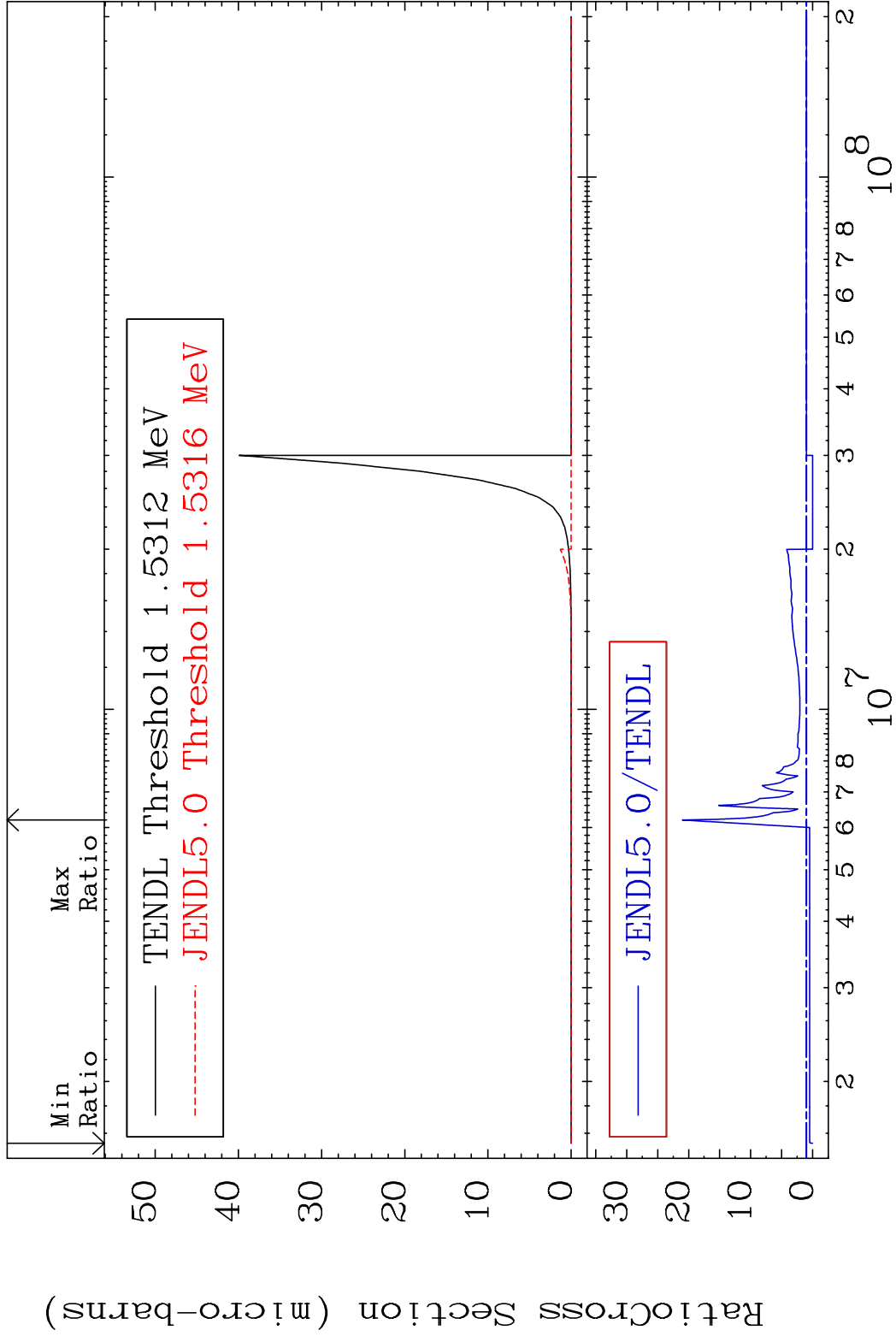
Cross Section -100.0 To 66.40 %



36

Incident Energy (eV)

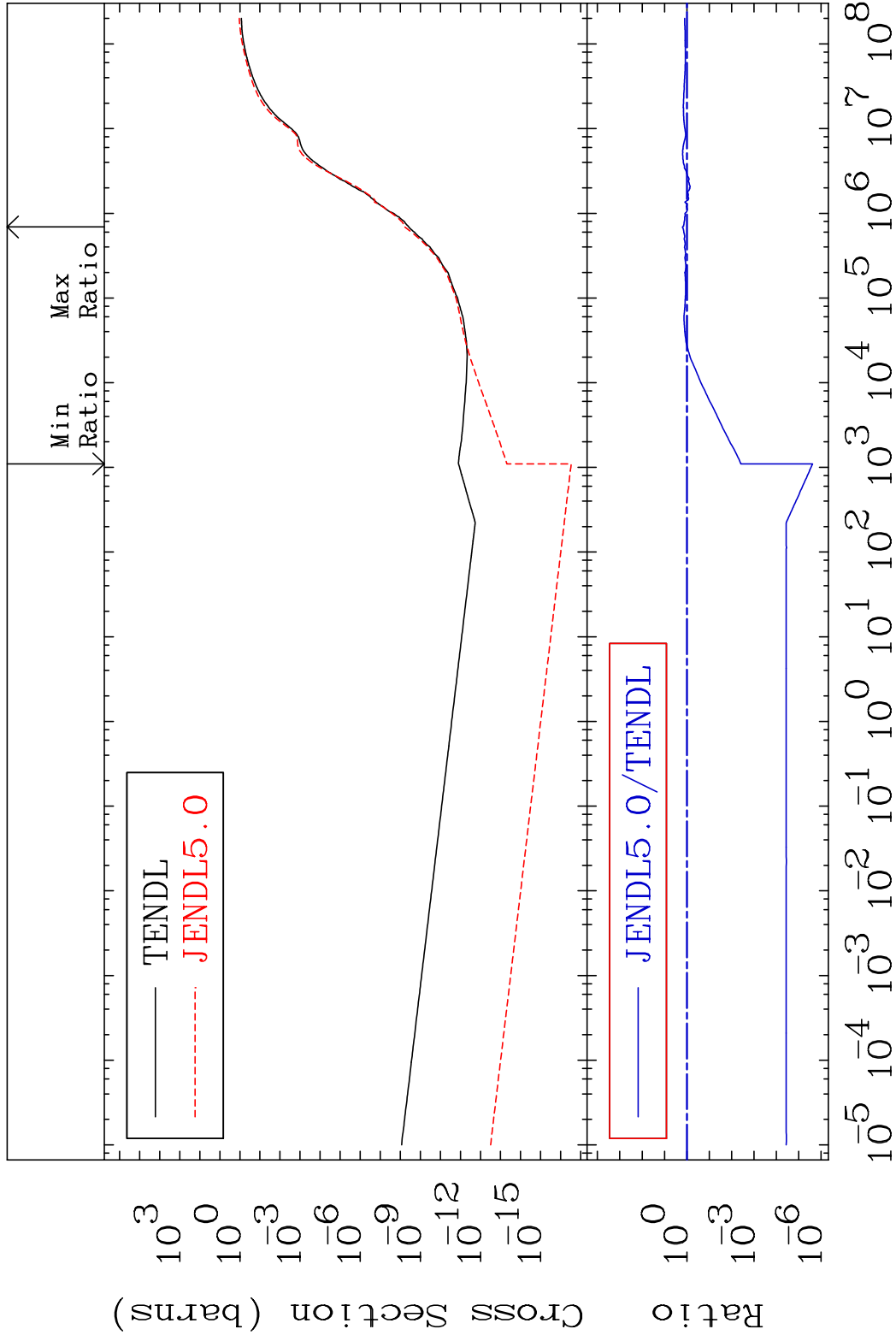
84-Po-208



MAT 8431

Hydrogen Production
Cross Section -100.0 To 59.52 %

84-Po-208



38

Incident Energy (eV)

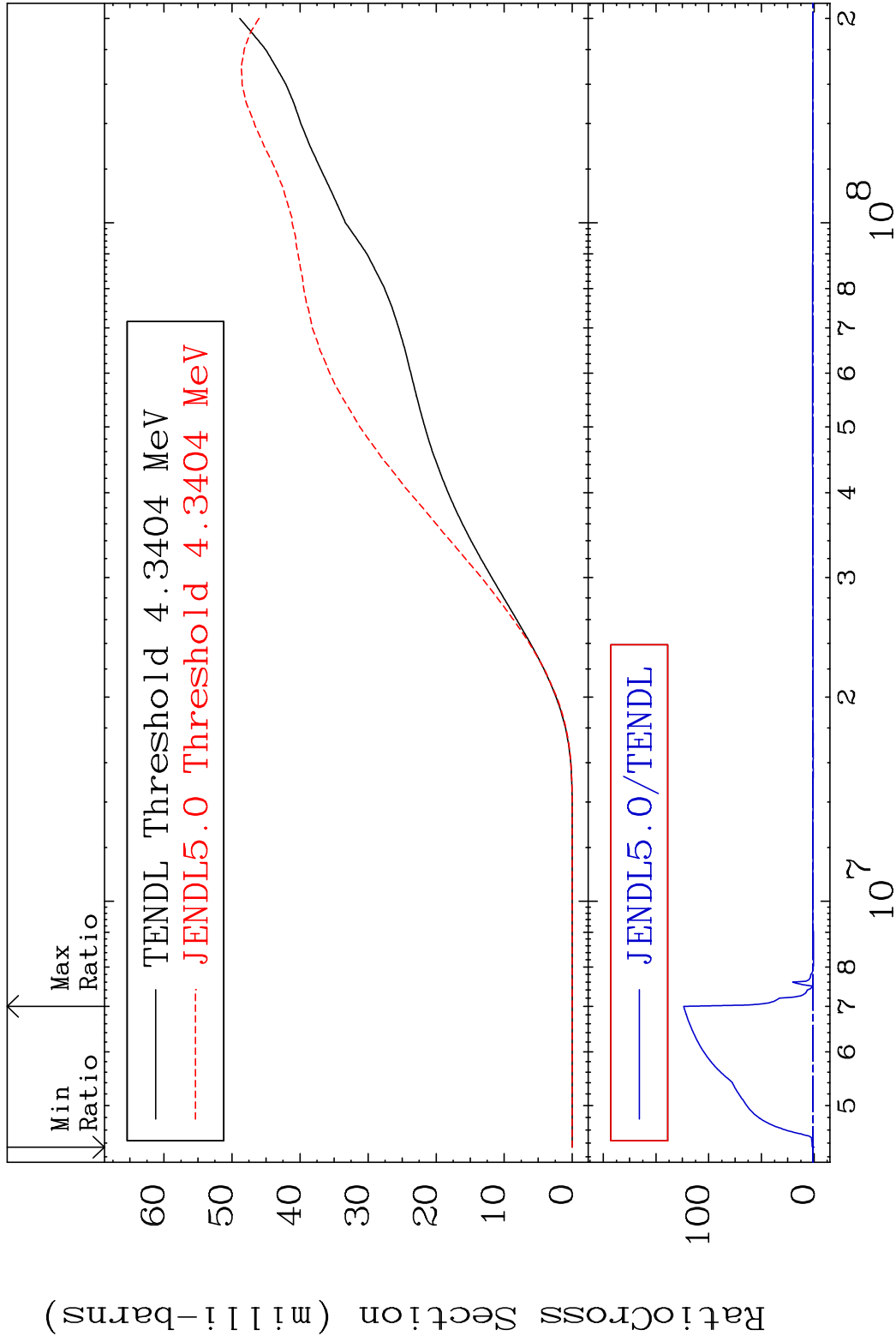
84-Po-208

MAT 8431

Tritium Production

84-Po-208

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

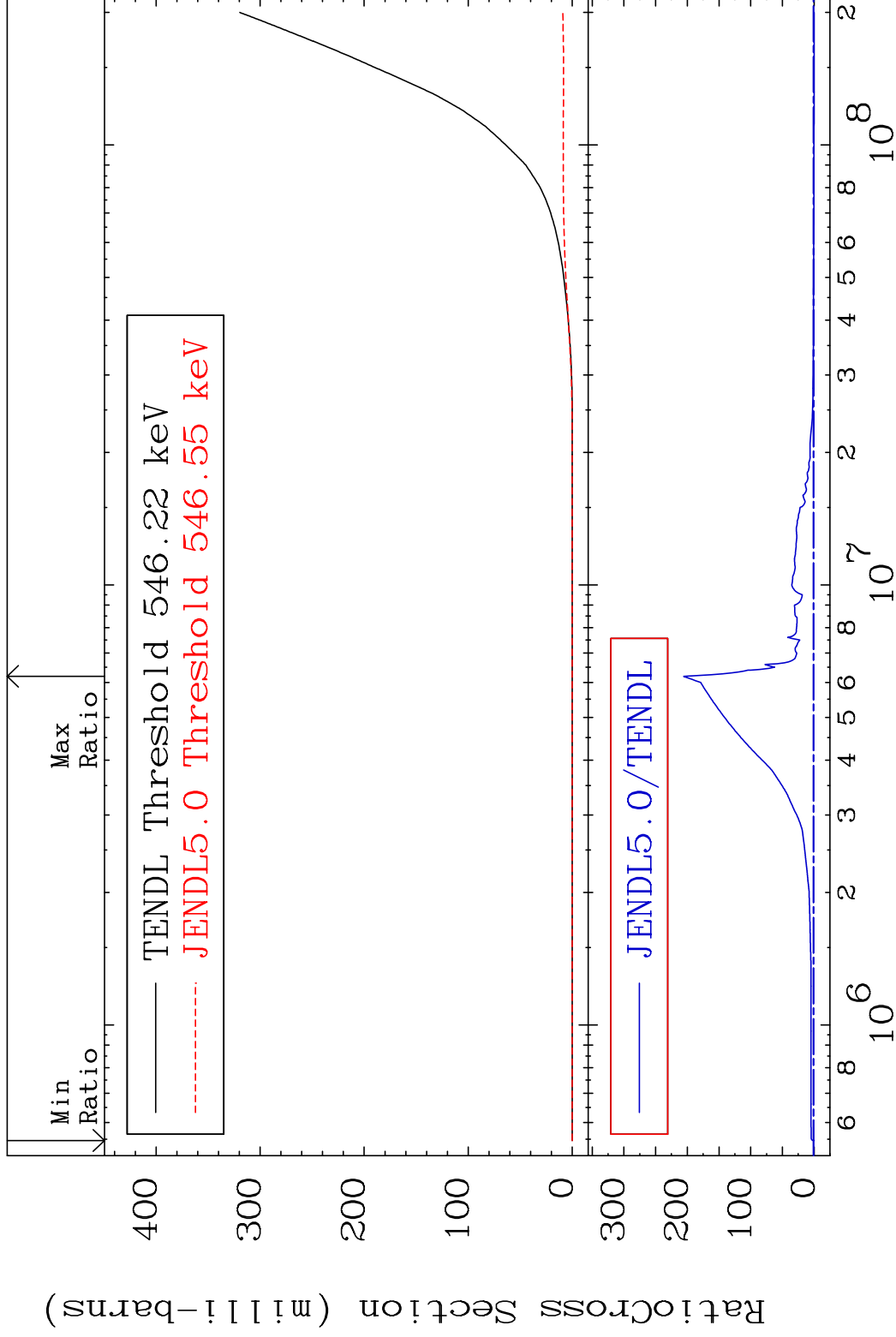
84-Po-208

MAT 8431

He-3 Production

84-Po-208

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

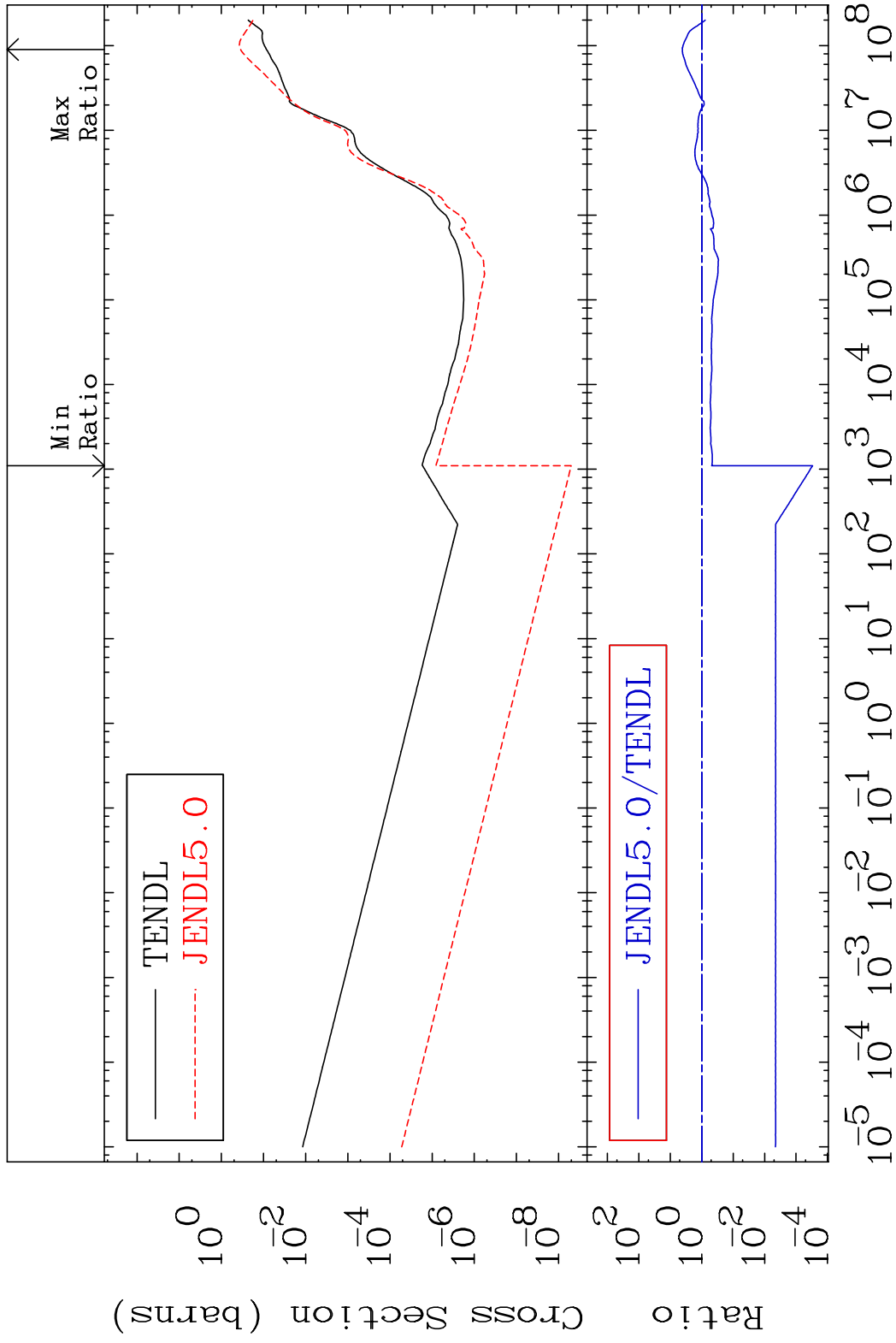
84-Po-208

MAT 8431

He-4 Production

84-Po-208

Cross Section -99.97 To 313.2 %

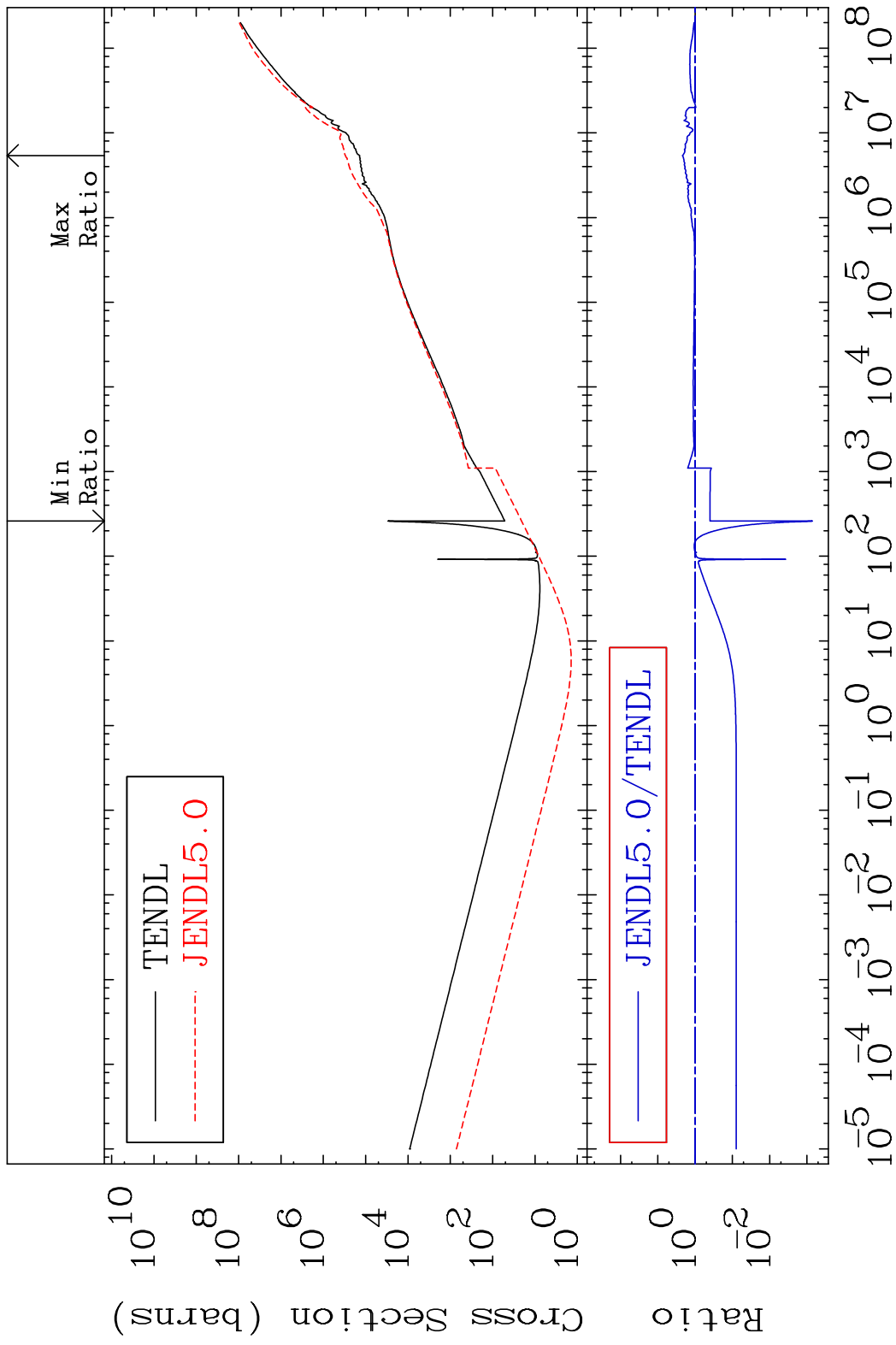


42

Incident Energy (eV)

84-Po-208

MAT 8431 Kerma total (eV-barns) 84-Po-208
 Cross Section -99.93 To 119.3 %



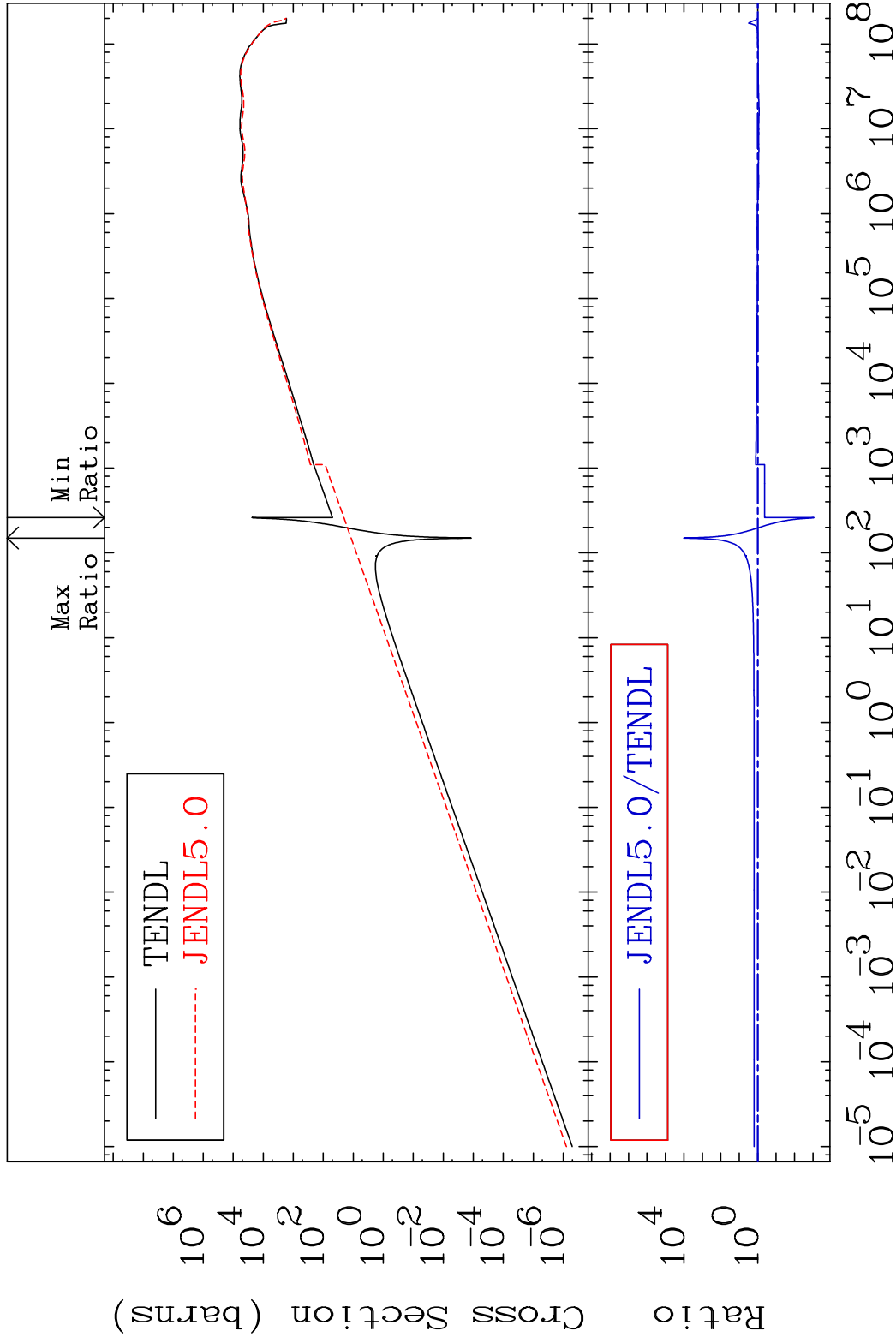
43 Incident Energy (eV) 84-Po-208

MAT 8431

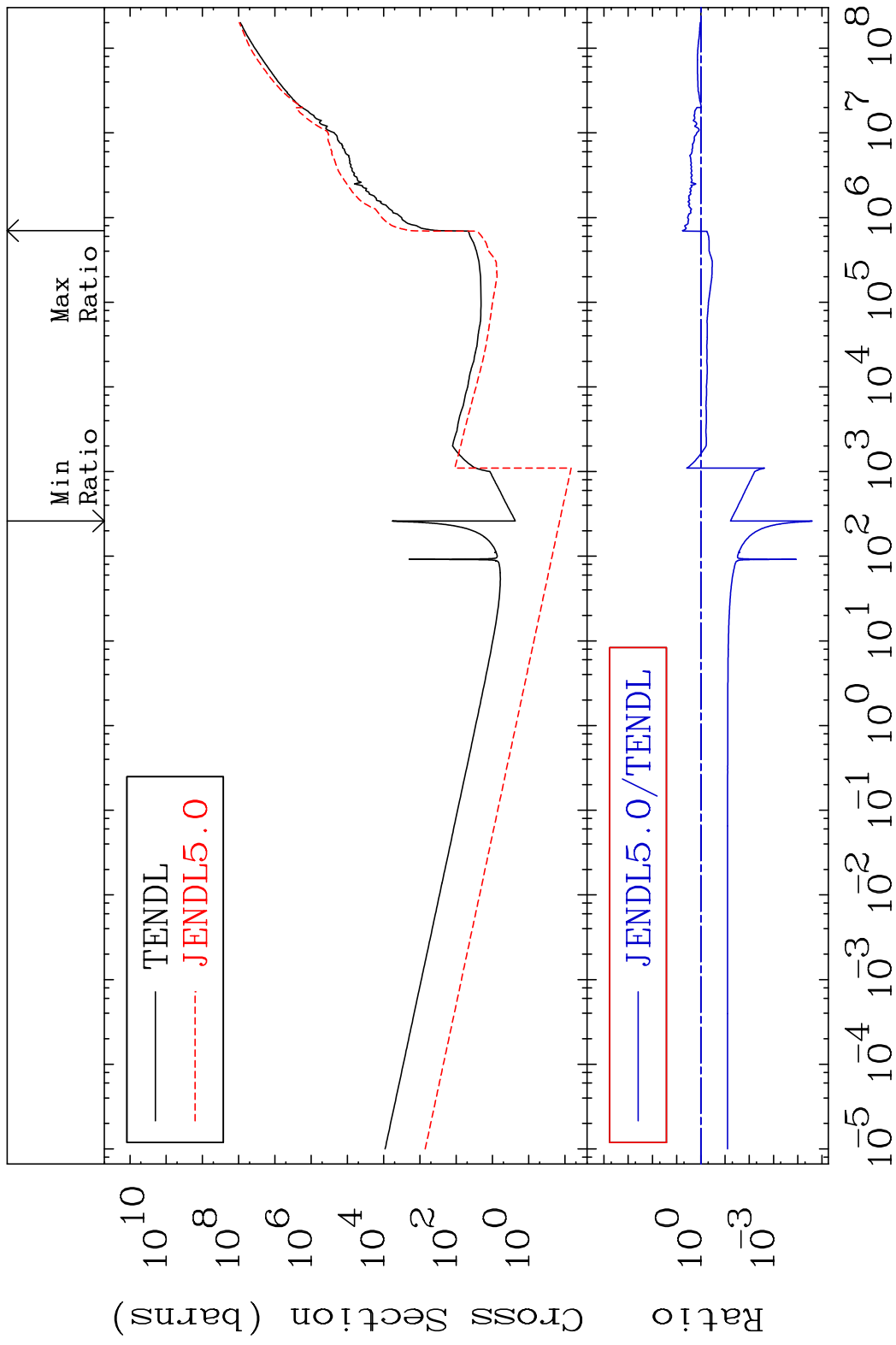
Kerma elastic

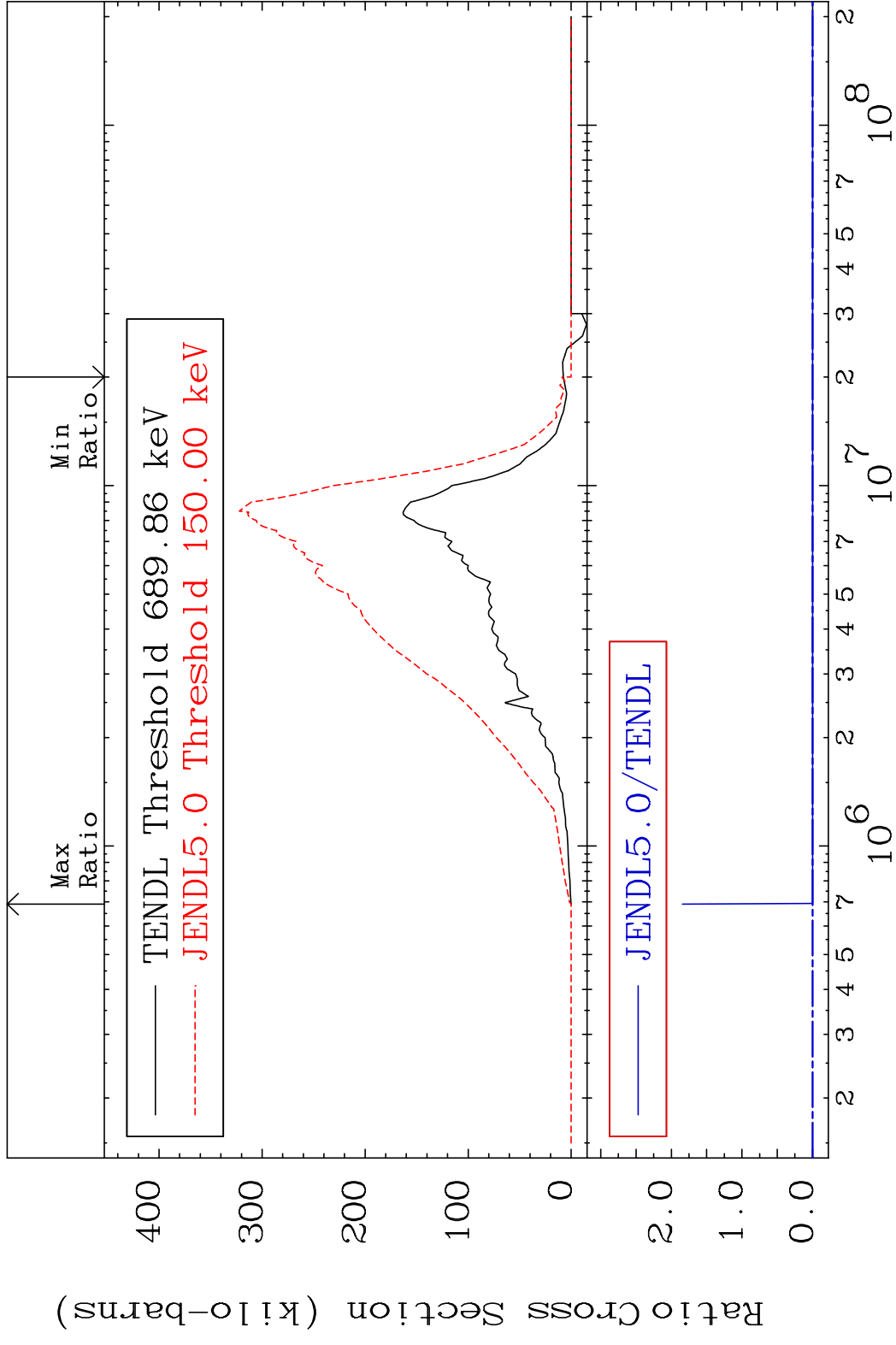
84-Po-208

Cross Section -99.91 To 9999. %

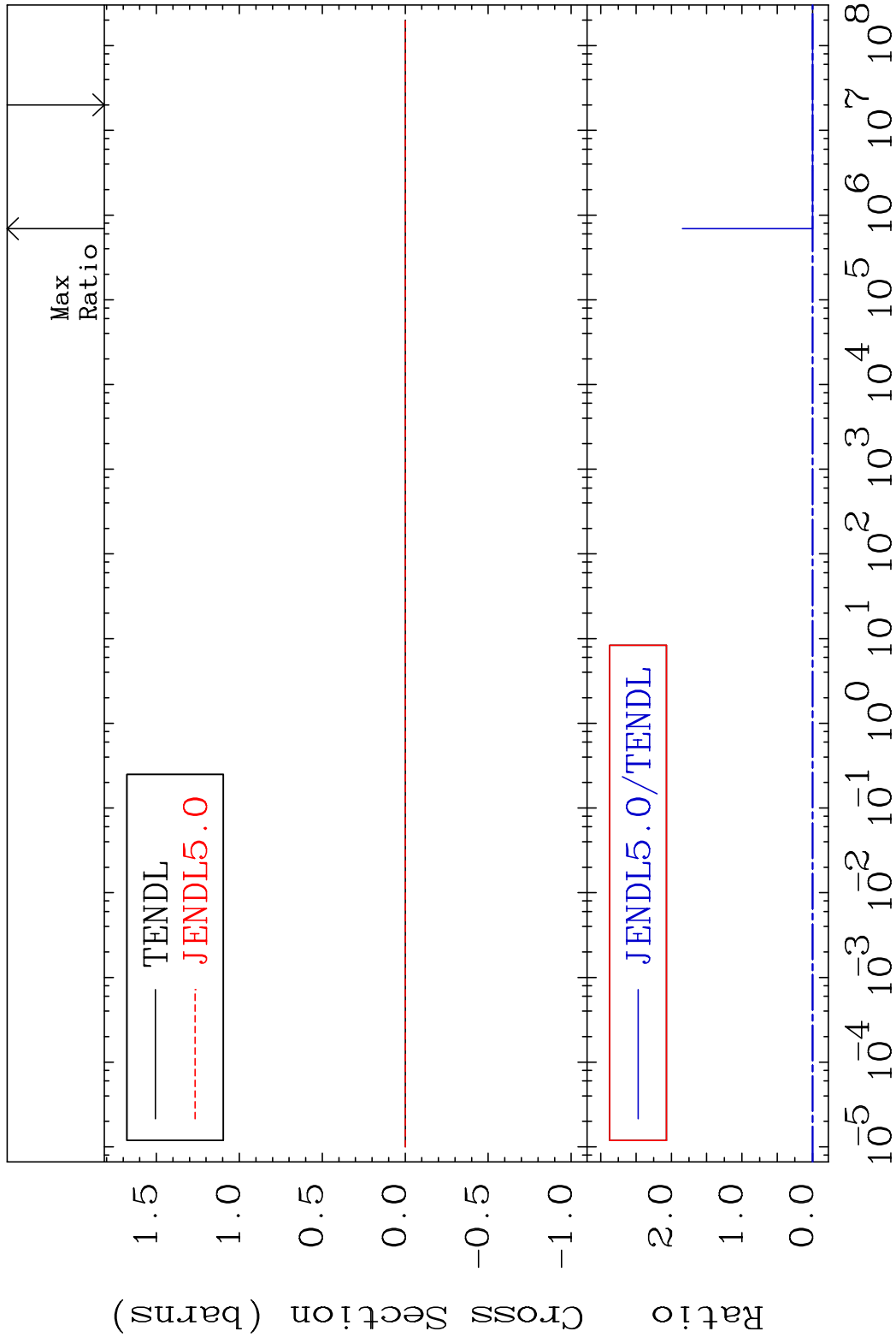


MAT 8431 Kerma non-elastic (all but mt2) 84-Po-208
 Cross Section -100.0 To 481.0 %





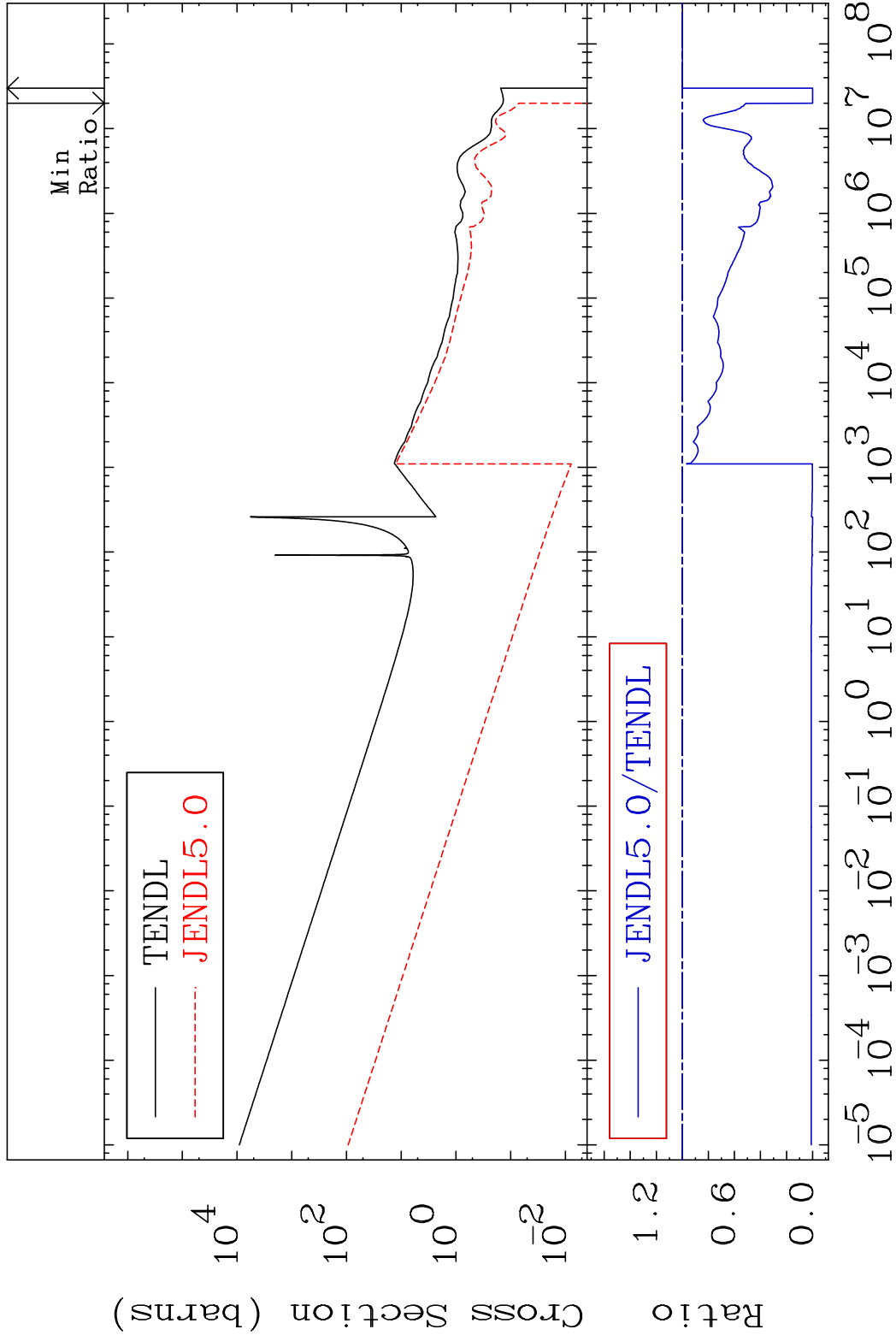
MAT 8431 Kerma fission (mt18 or mt19-20-21-38)84-Po-208
 Cross Section -100.0 To 9999. %



MAT 8431

Kerma capture (mt102) 84-Po-208

Cross Section -100.0 To 0.000 %



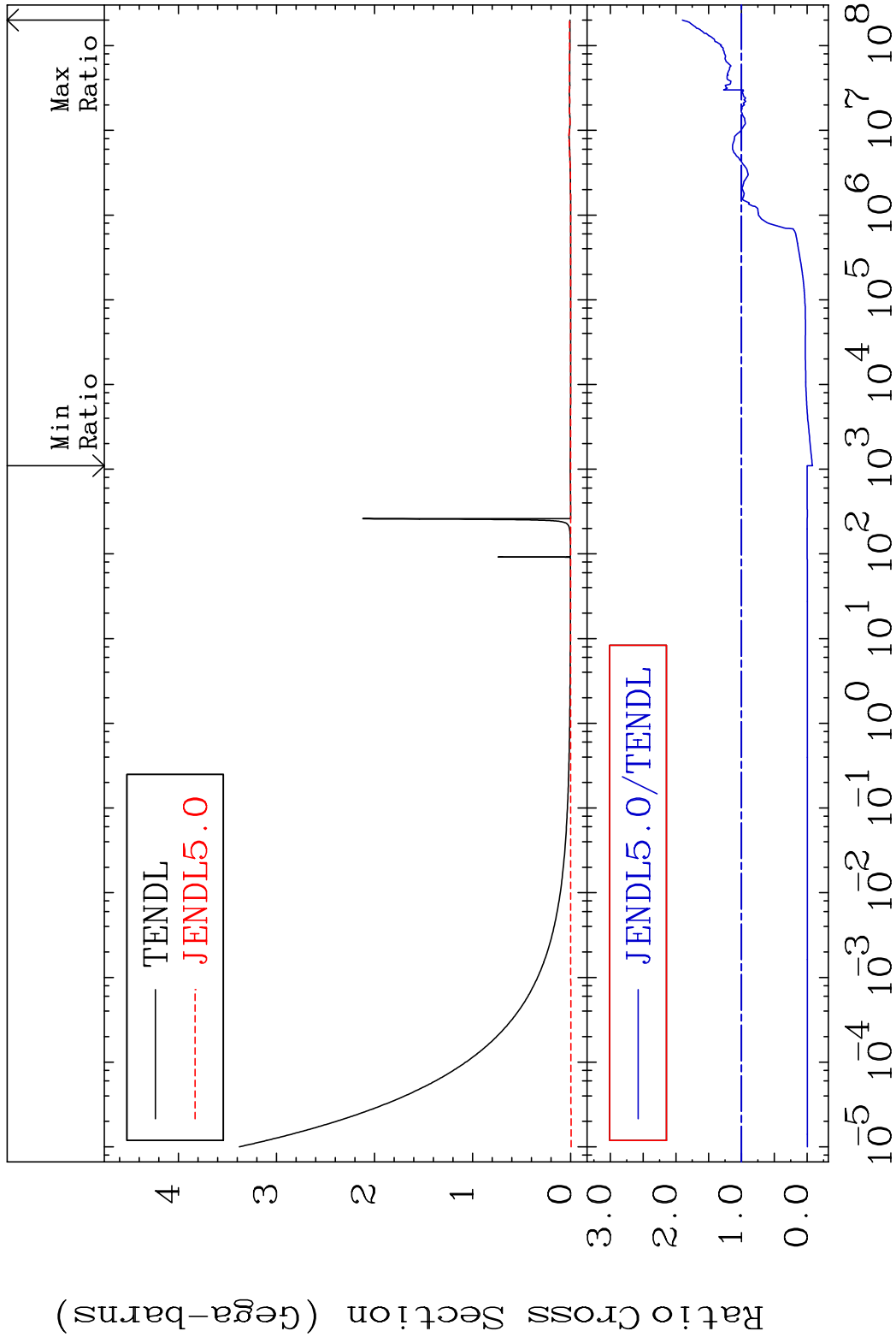
48

Incident Energy (eV)

84-Po-208

MAT 8431

Total photon (eV-barns) 84-Po-208
Cross Section -108.1 To 90.16 %

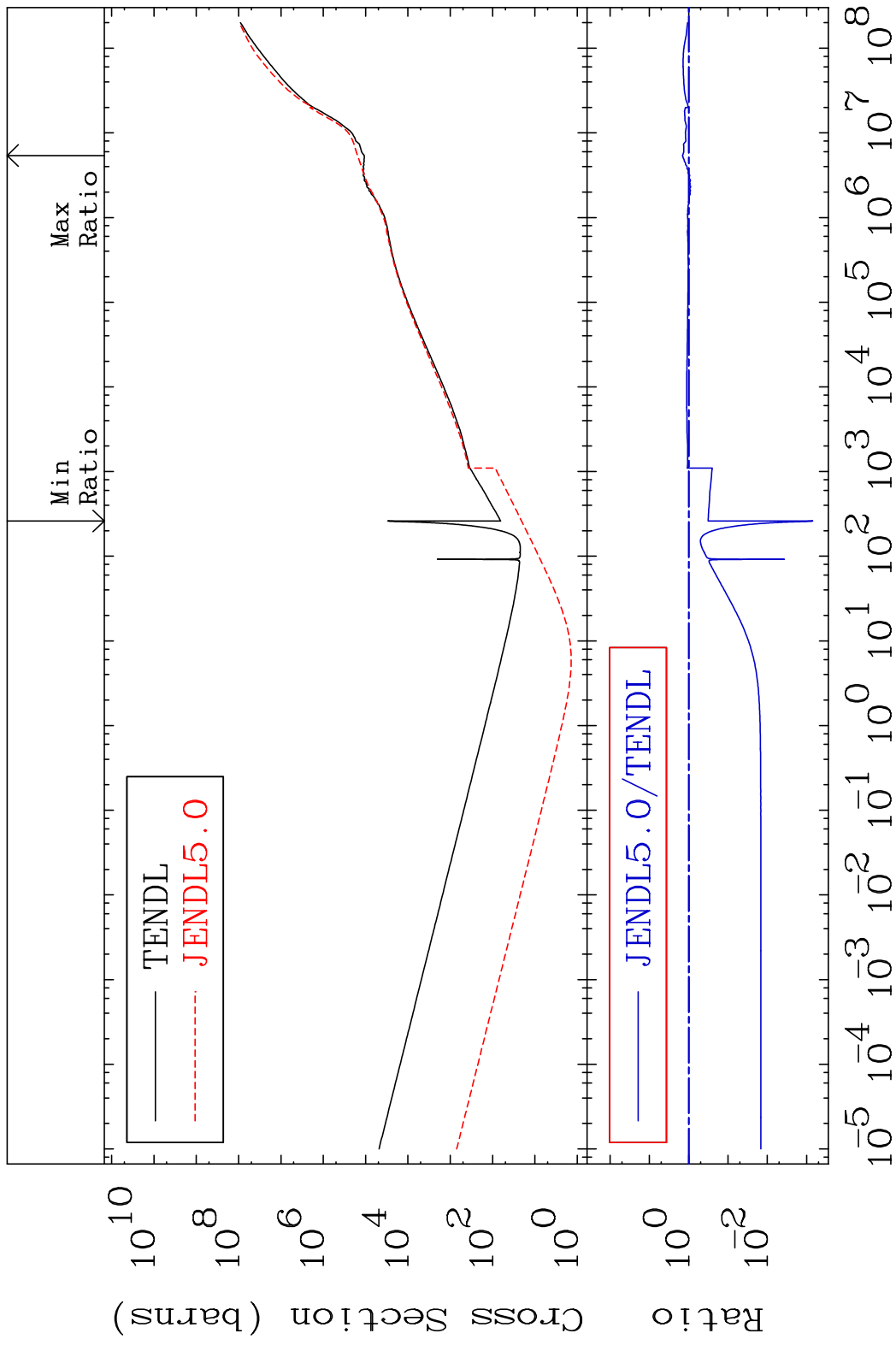


49

Incident Energy (eV)

84-Po-208

MAT 8431 Total kinematic kerma (high limit) 84-Po-208
 Cross Section -99.93 To 45.03 %

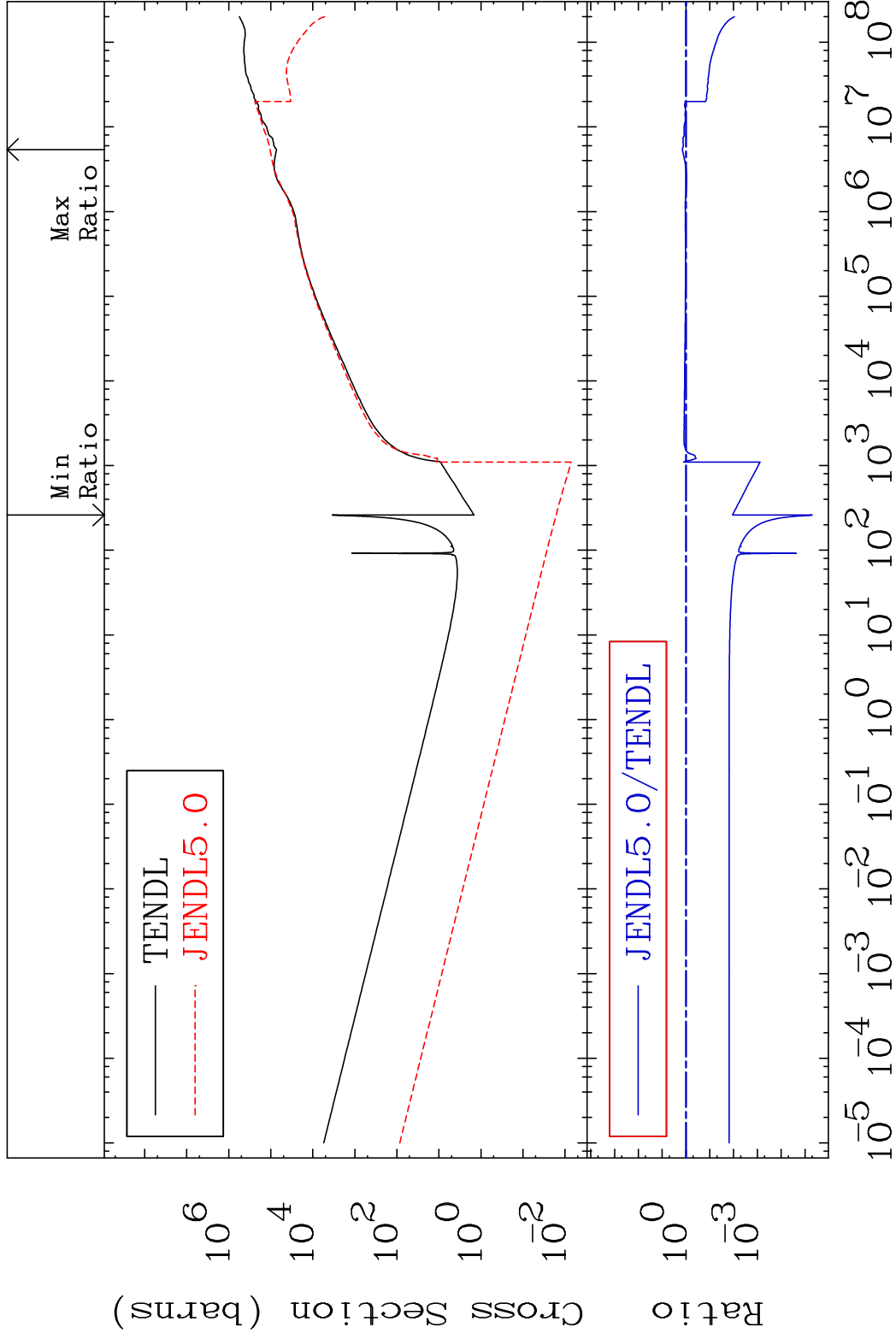


MAT 8431

Dpa total (eV-barns)

84-Po-208

Cross Section -100.0 To 41.98 %

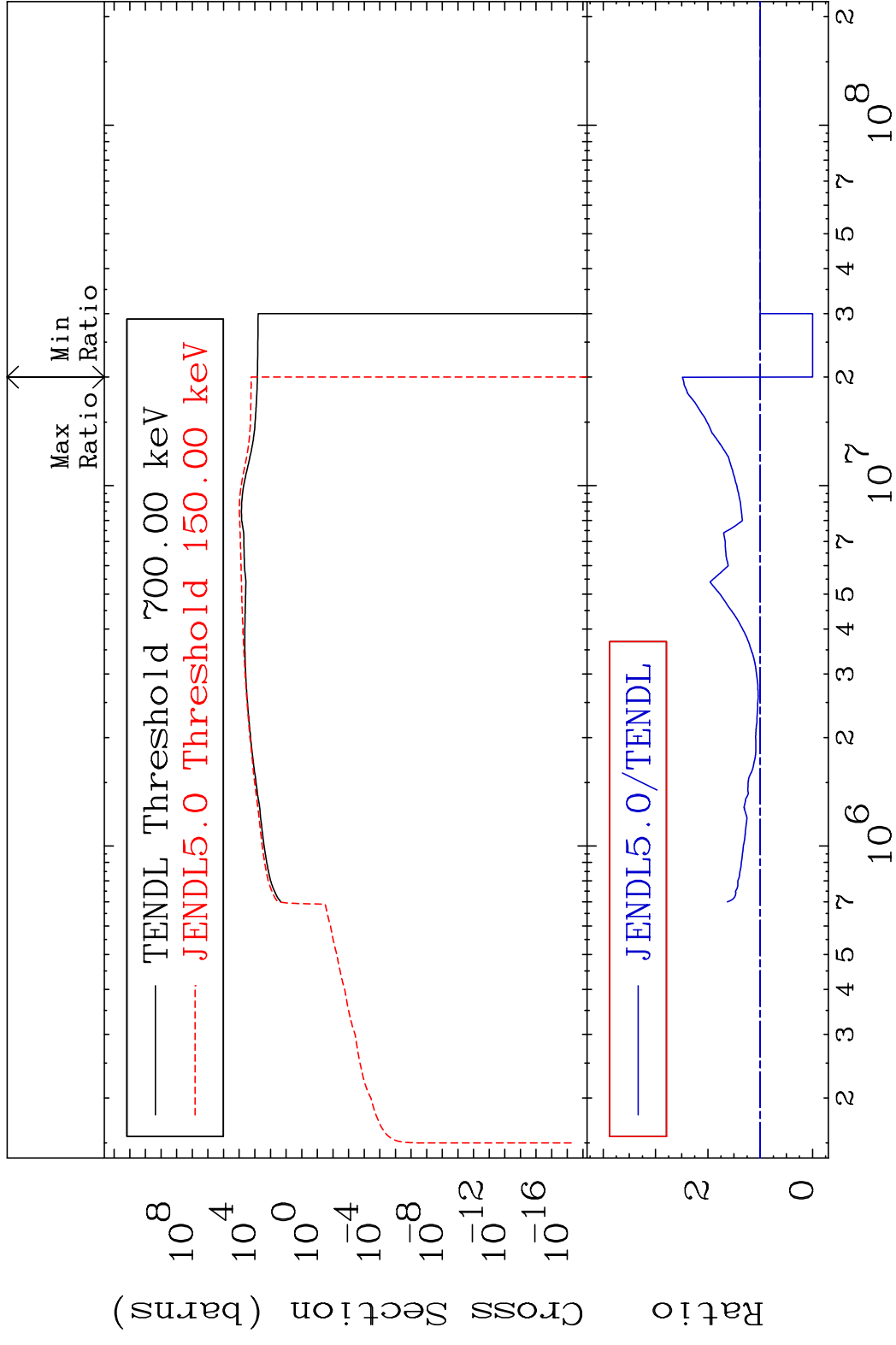


51

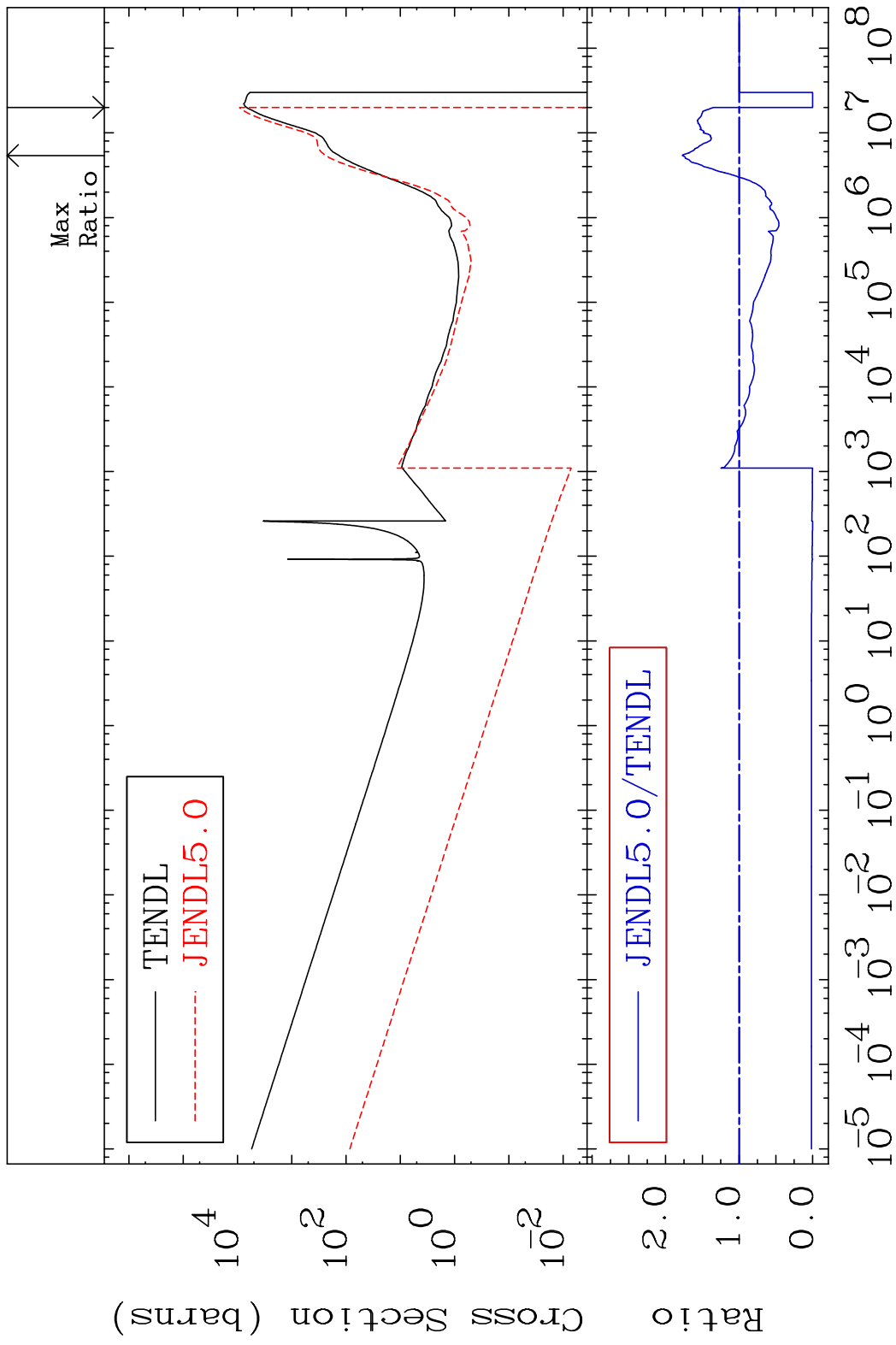
Incident Energy (eV)

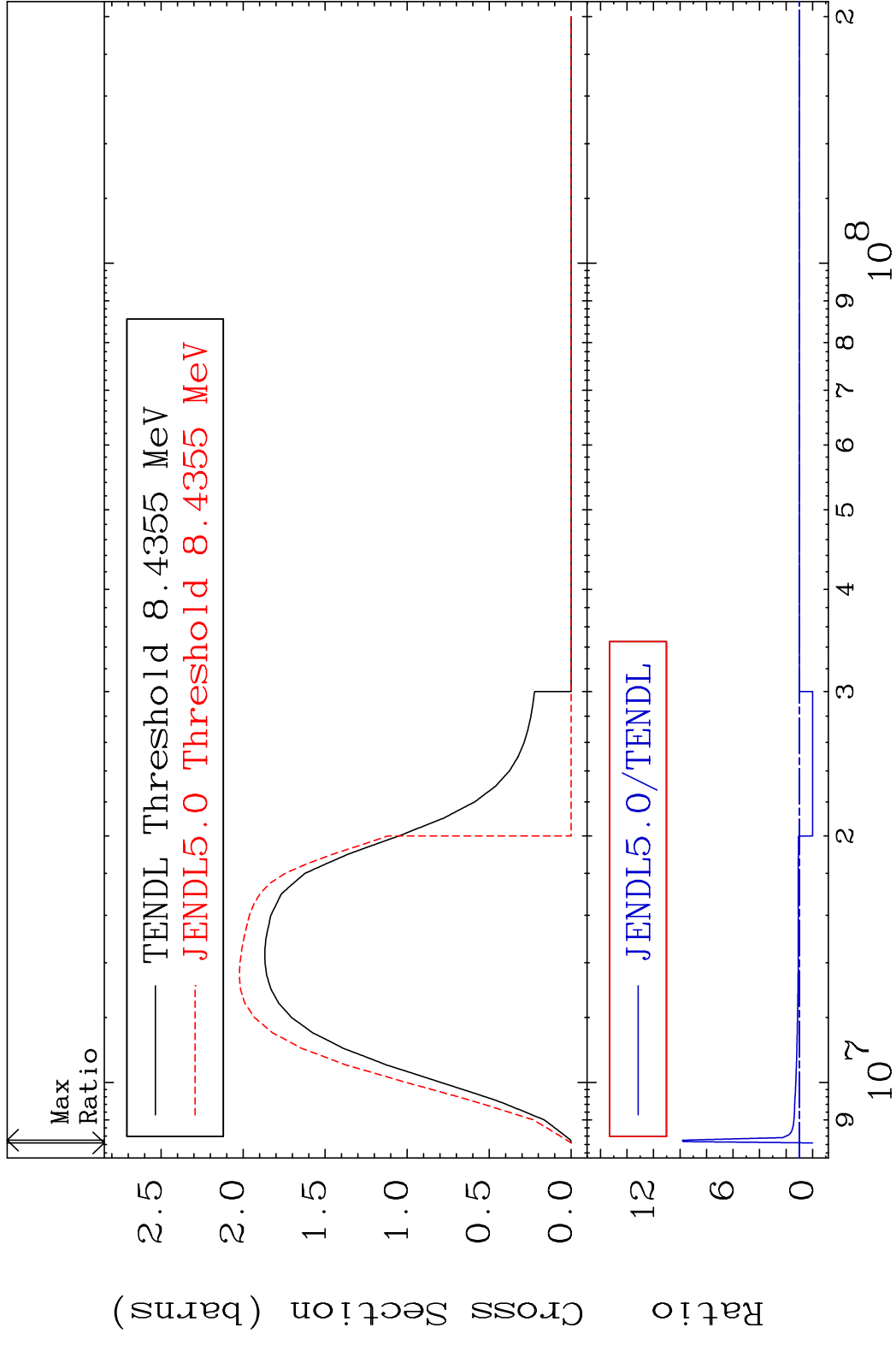
84-Po-208

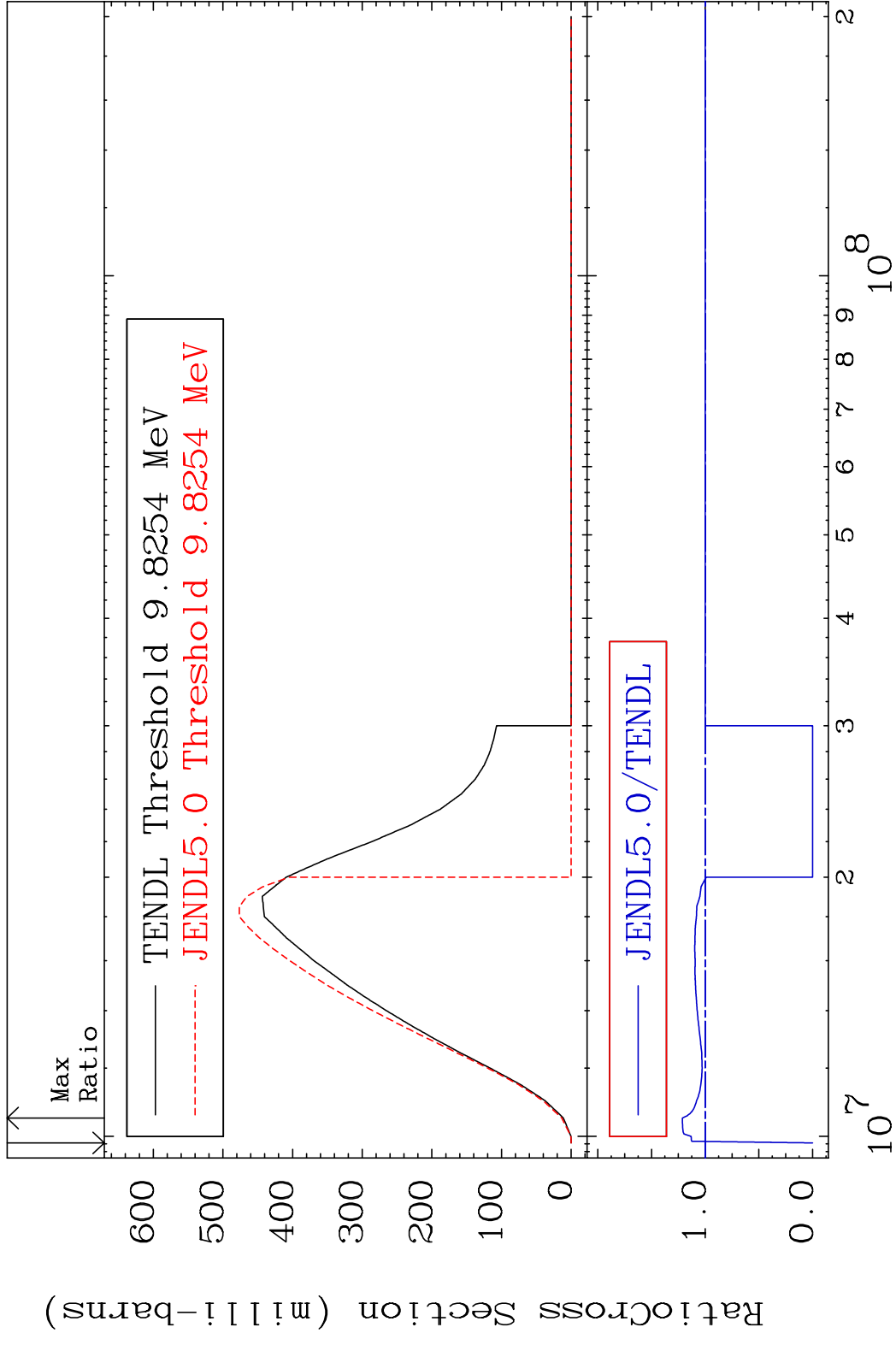
MAT 8431 Dpa inelastic (mt51-91) 84-Po-208
 Cross Section -100.0 To 148.7 %

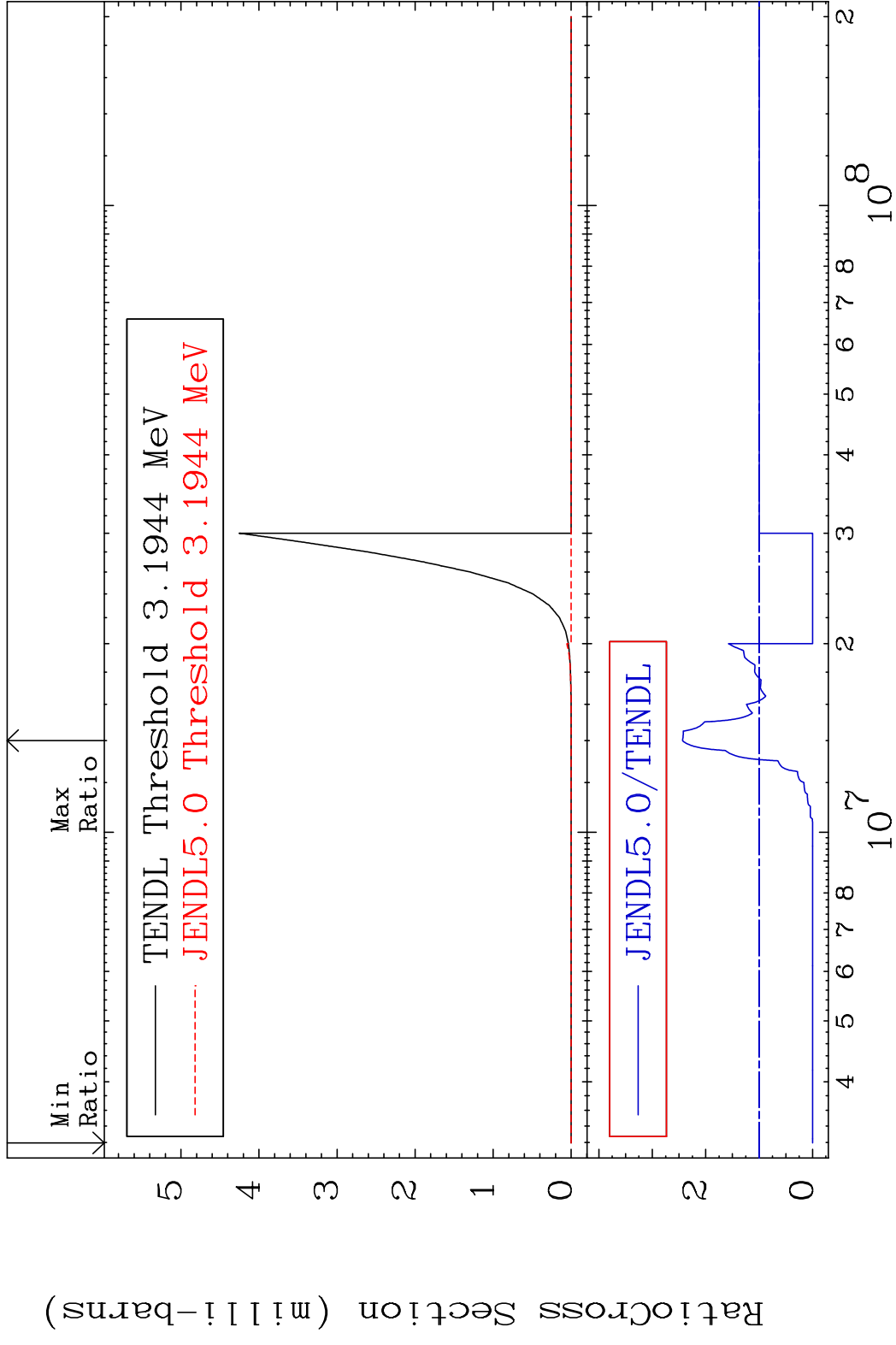


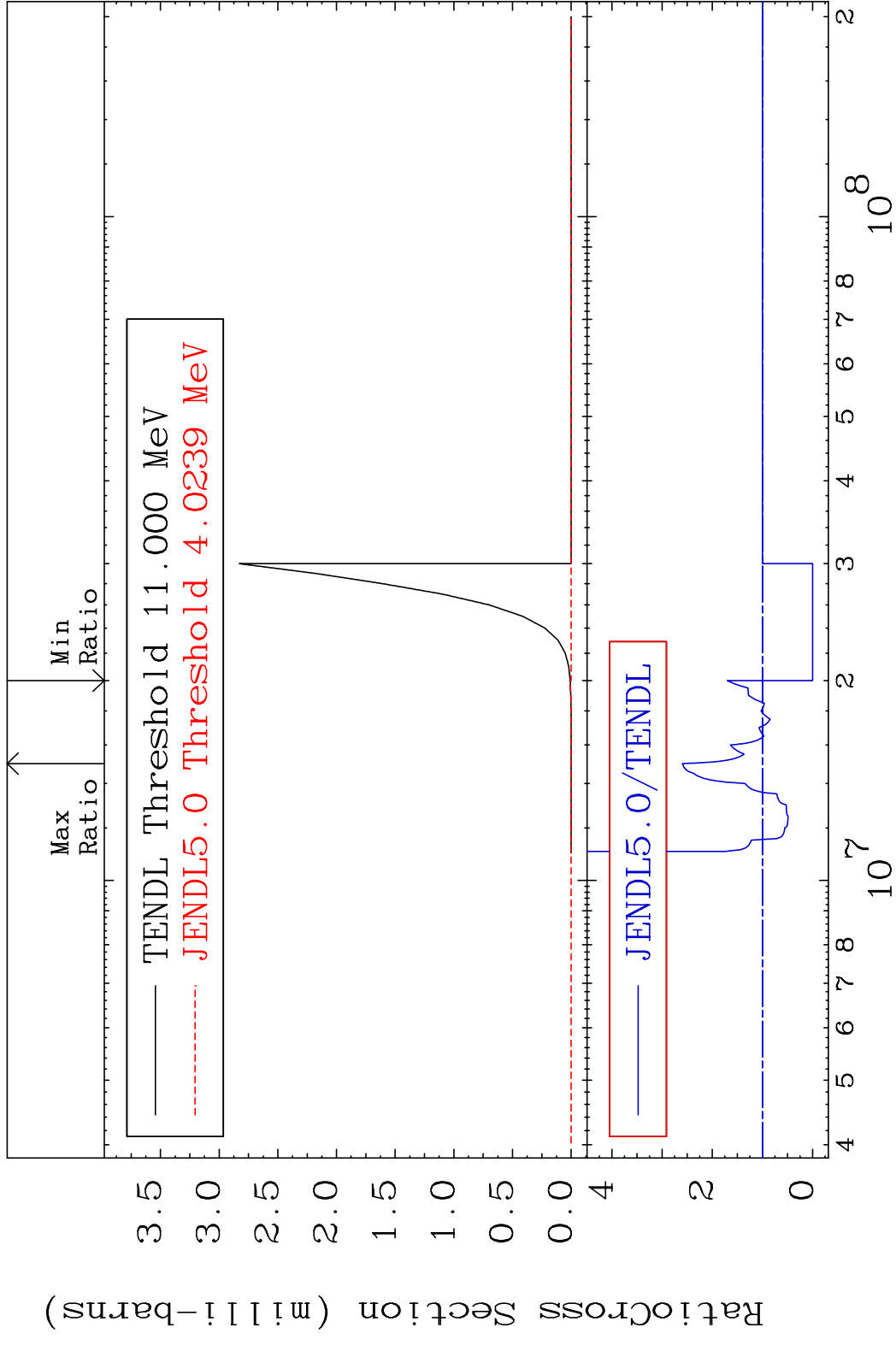
MAT 8431 Dpa disappearance (mt102 -120) 84-Po-208
 Cross Section -100.0 To 77.23 %

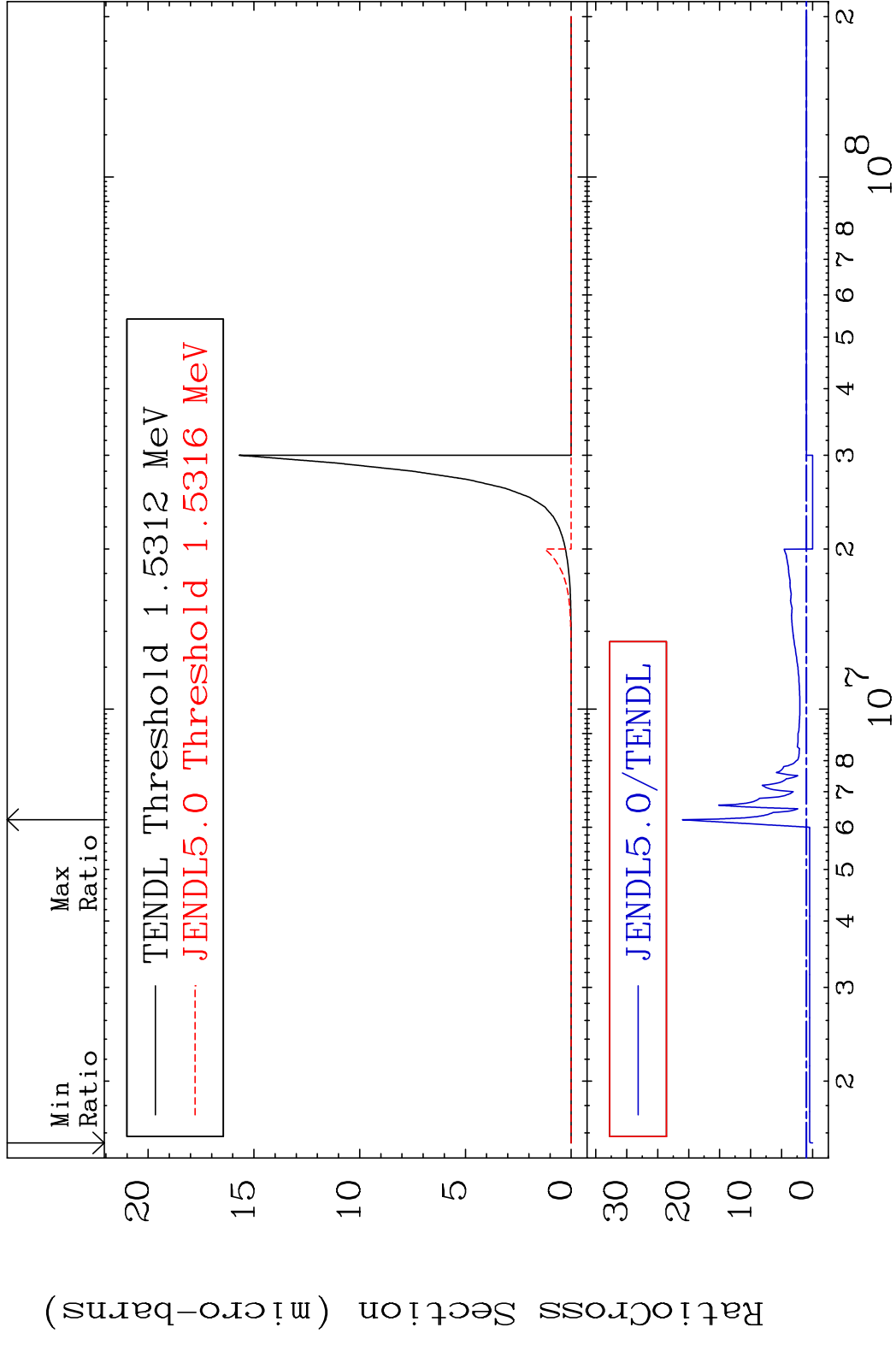


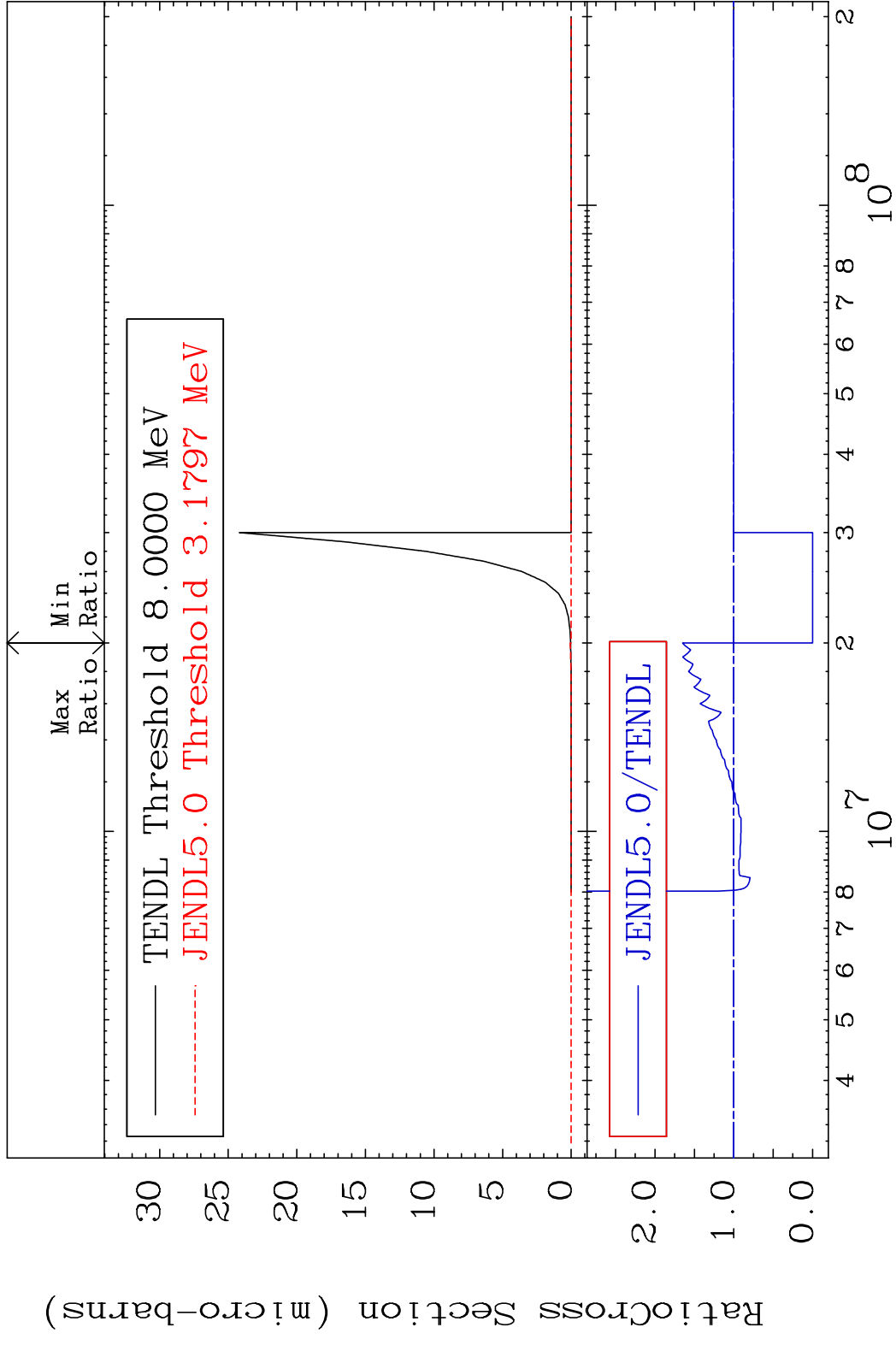








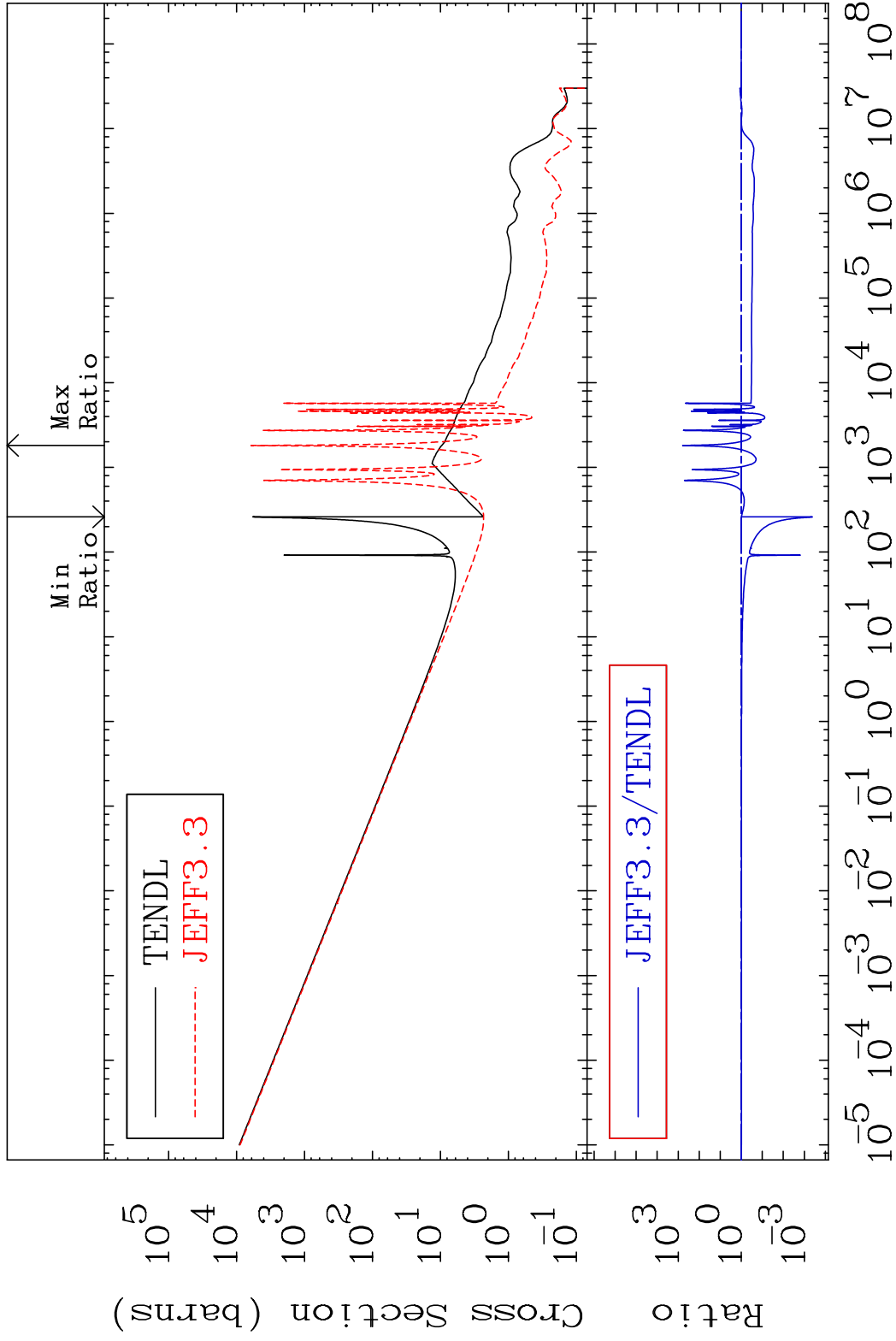




MAT 8431

Kerma capture (mt102) 84-Po-208

Cross Section -99.96 To 9999. %



61

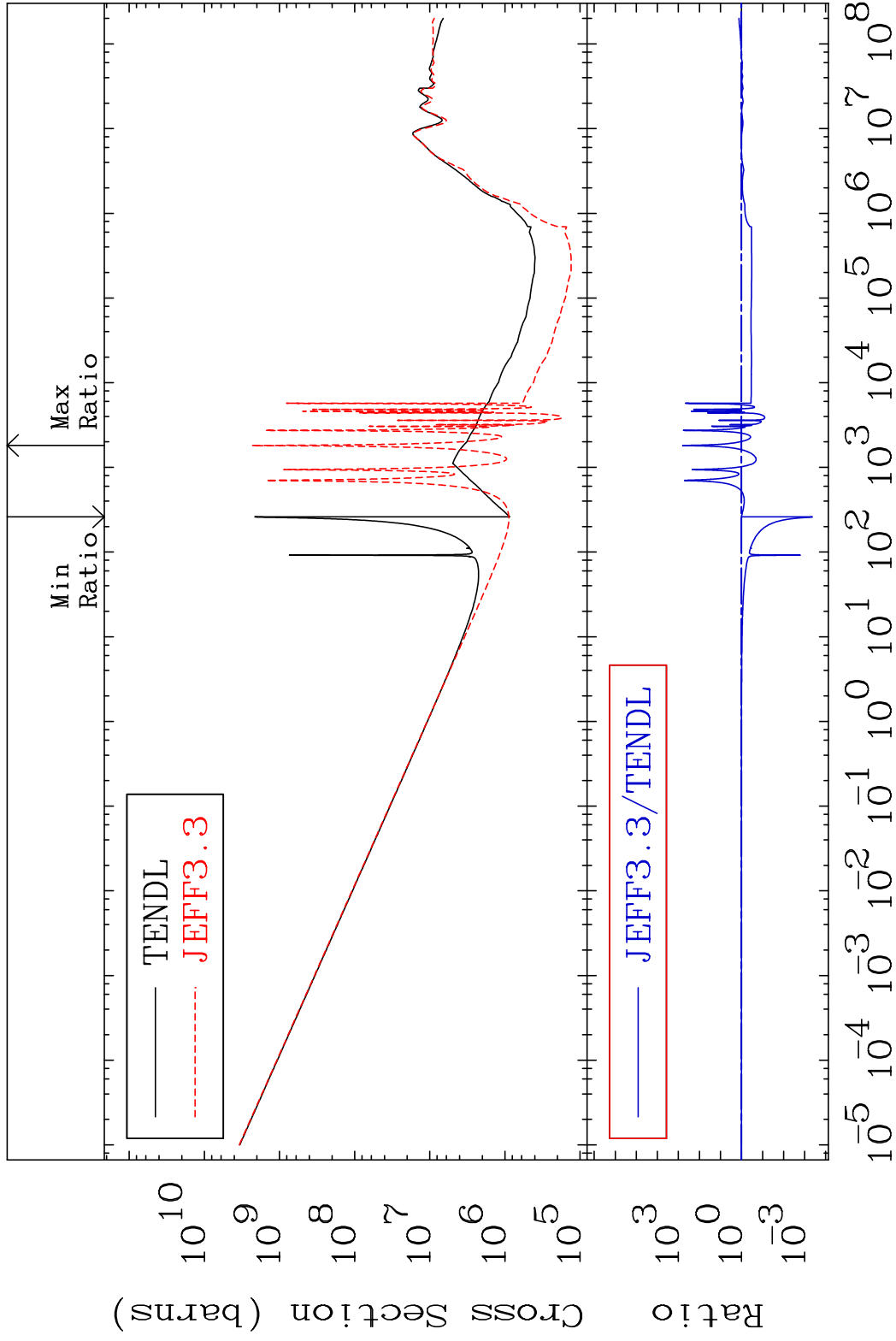
Incident Energy (eV)

84-Po-208

MAT 8431

Total photon (eV-barns) 84-Po-208

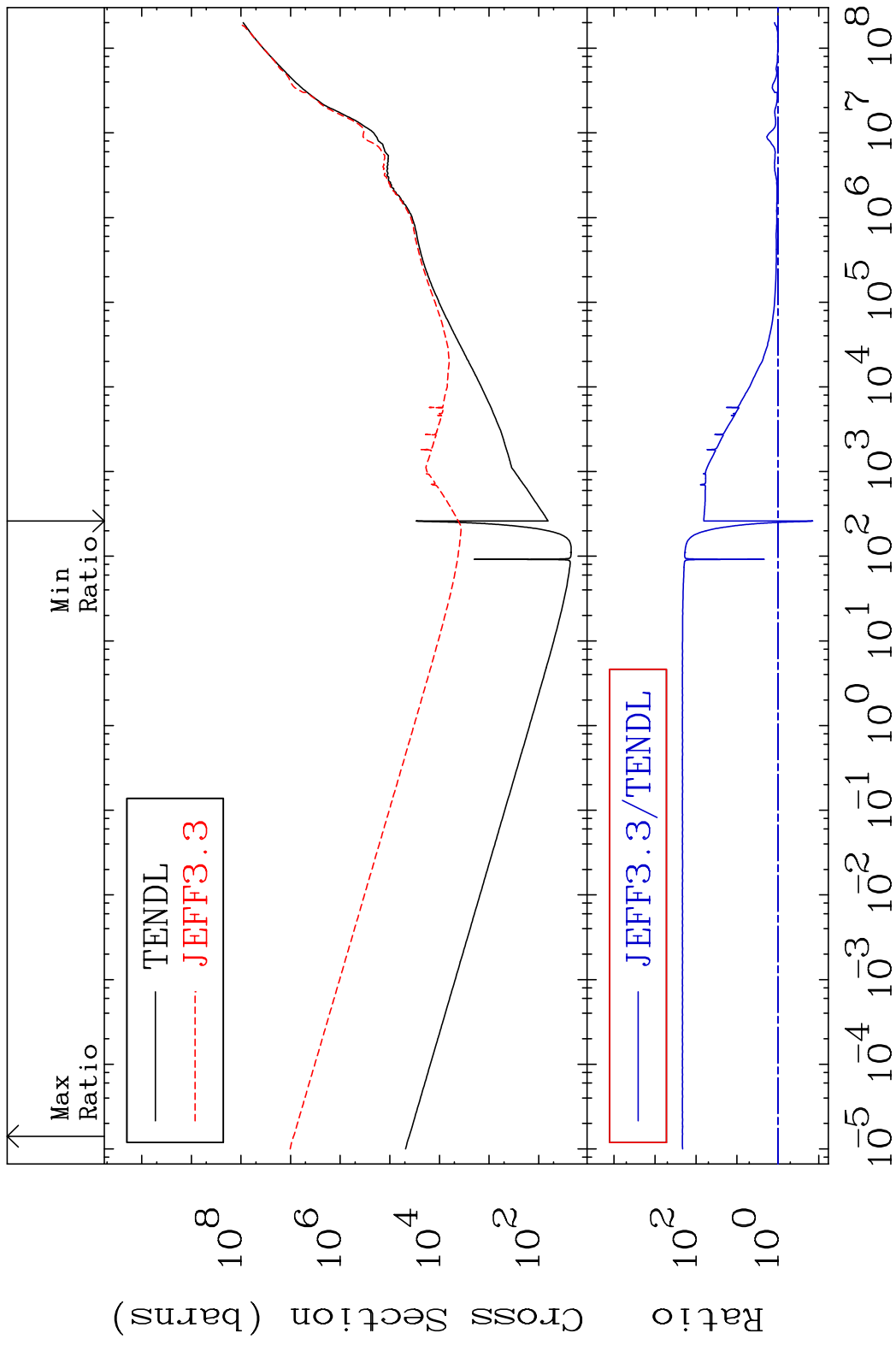
Cross Section -99.96 To 9999. %



62

Incident Energy (eV) 84-Po-208

MAT 8431 Total kinematic kerma (high limit) 84-Po-208
 Cross Section -85.79 To 9999. %

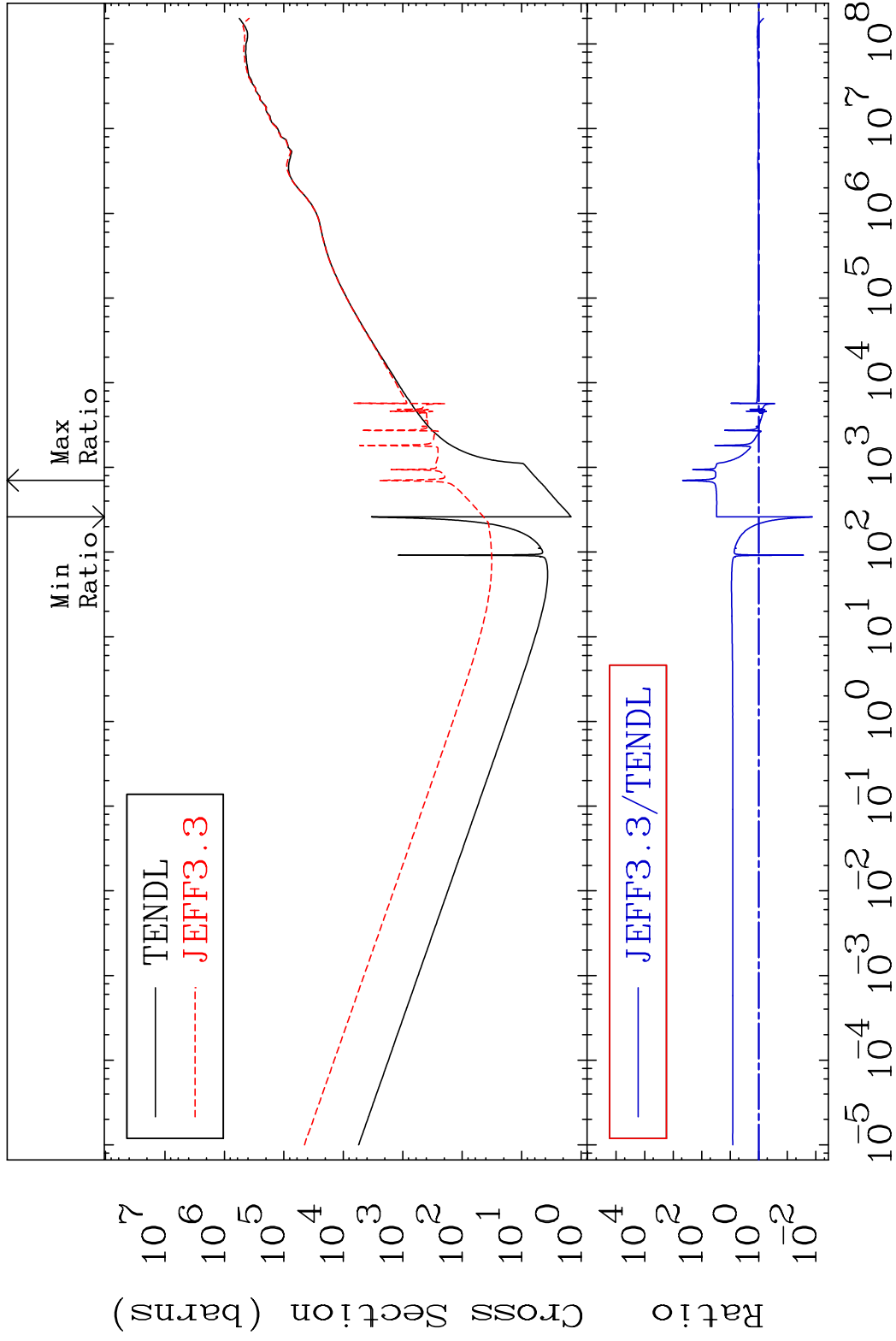


MAT 8431

Dpa total (eV-barns)

84-Po-208

Cross Section -98.70 To 9999. %



64

Incident Energy (eV)

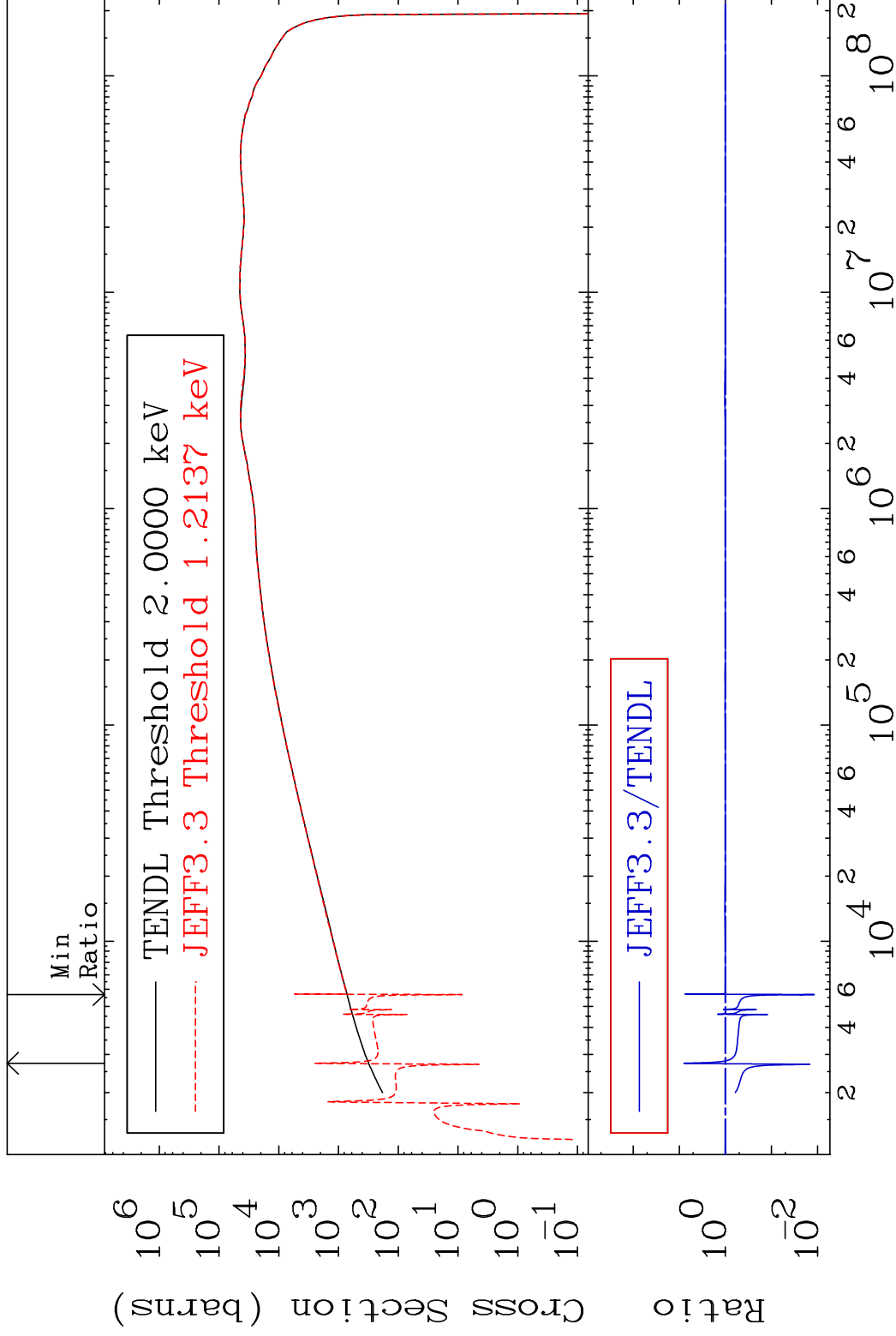
84-Po-208

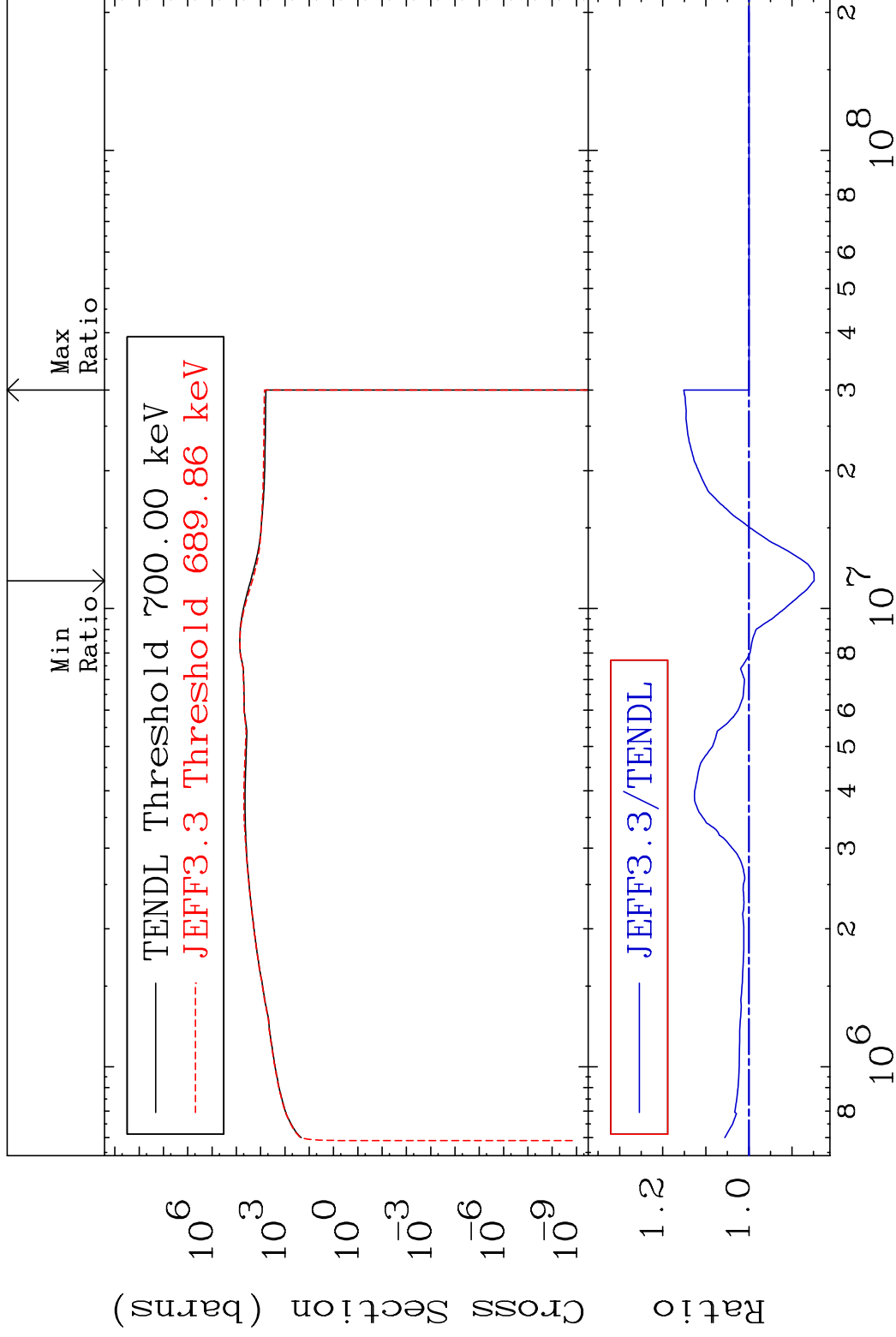
MAT 8431

Dpa elastic (mt2)

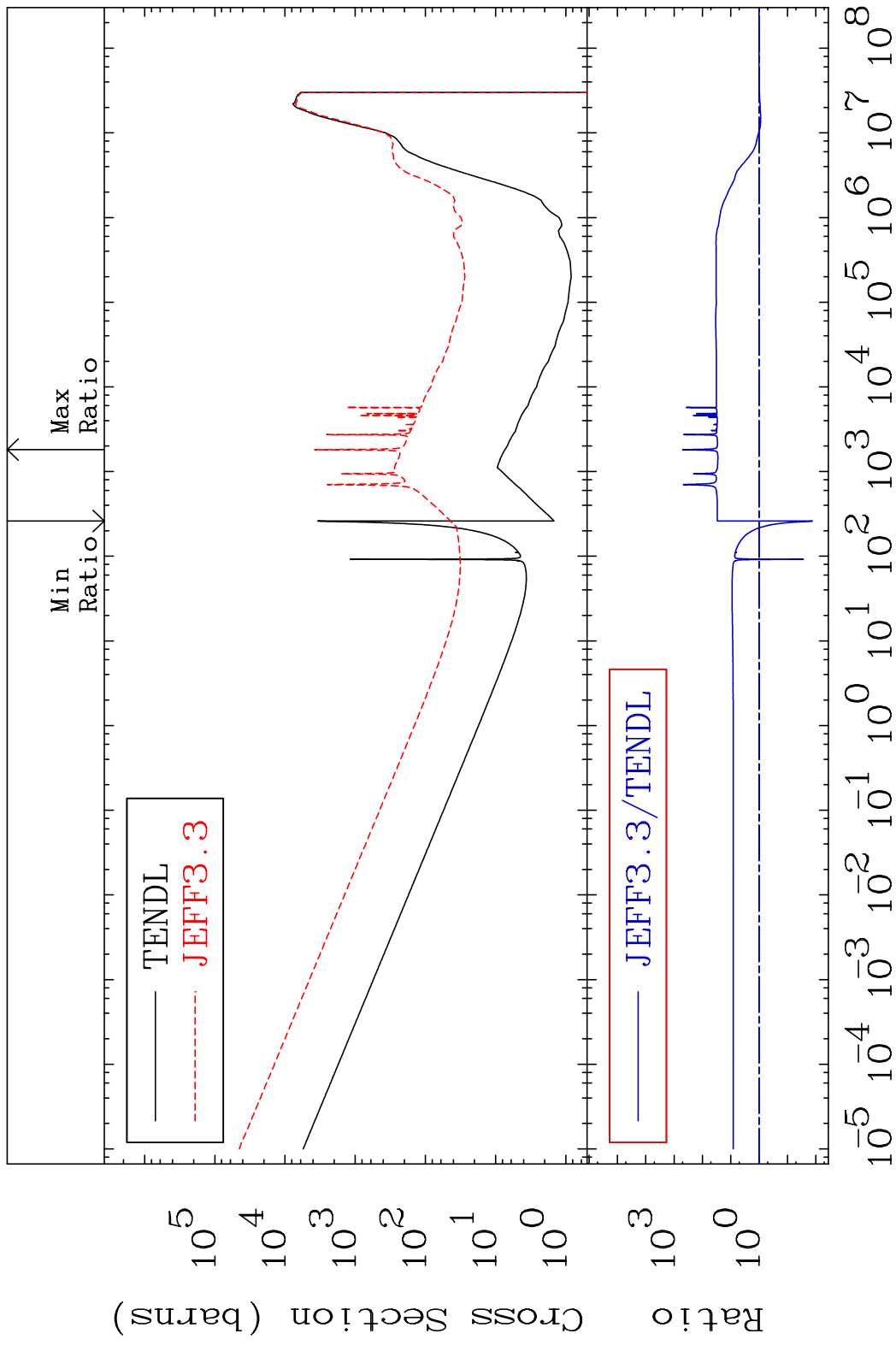
84-Po-208

Cross Section -98.81 To 703.4 %

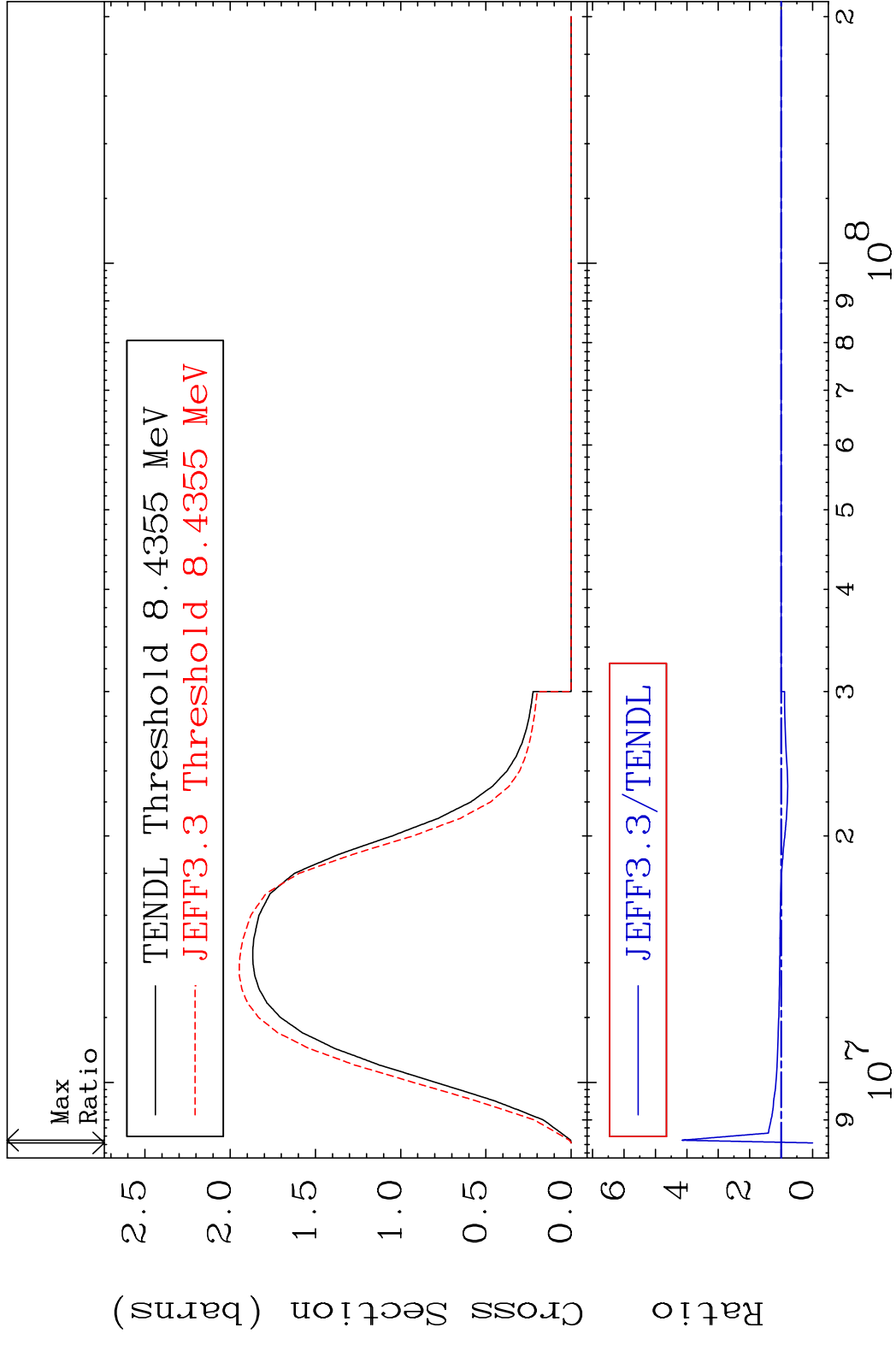




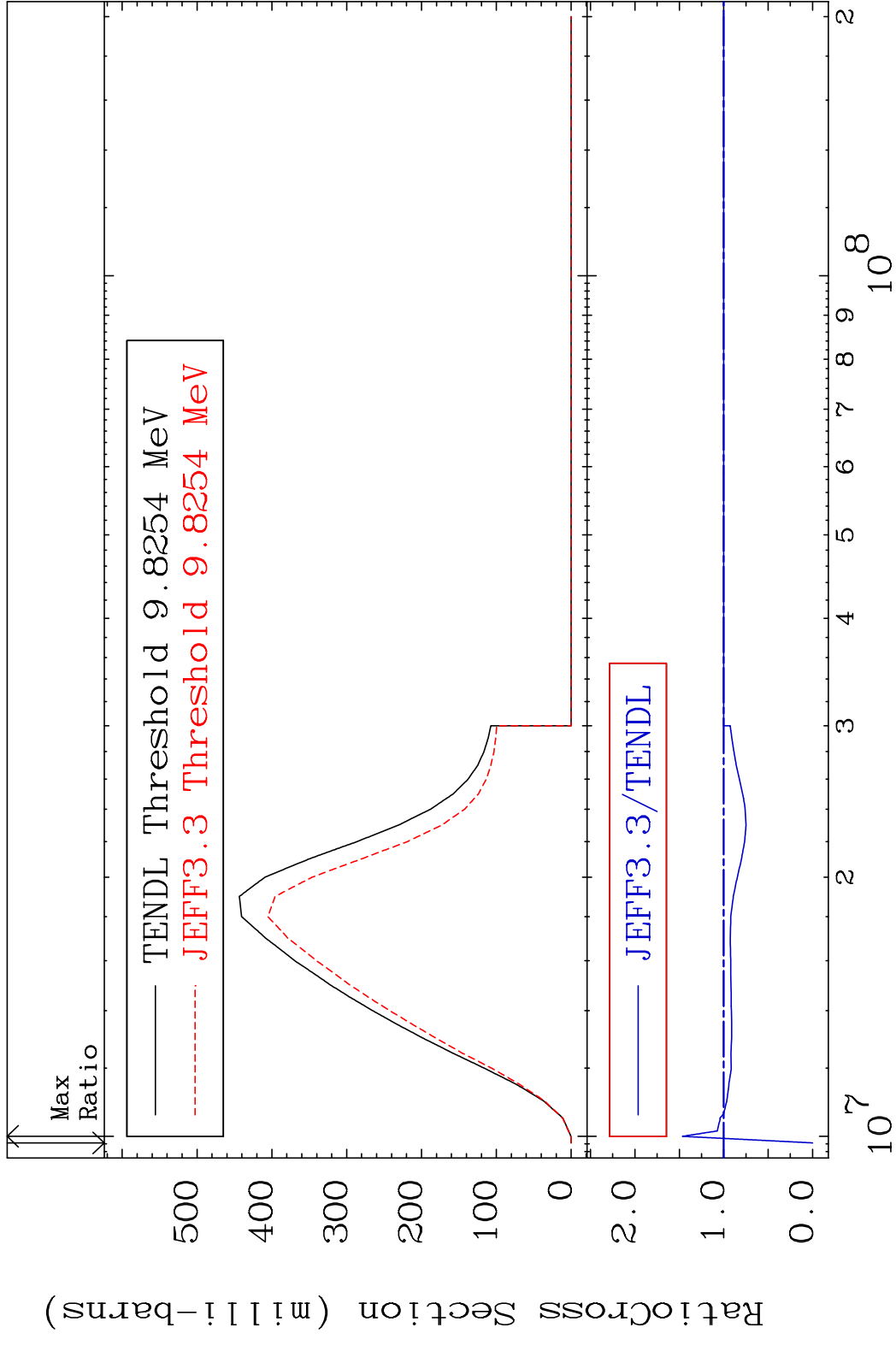
MAT 8431 Dpa disappearance (mt102 -120) 84-Po-208
 Cross Section -98.70 To 9999. %



MAT 8431 (n,2n):84-Po-207g 84-Po-208
 Radionuclide Production Cross Section Ratio 314.3 %



MAT 8431 (n,2n):84-Po-207m14 84-Po-208
 Radionuclide Production Cross Section Ratio 46.59 %



69 Incident Energy (eV) 84-Po-208

MAT 8431 (n,2n) α :82-Pb-203g 84-Po-208
 Radionuclide Production Cross Section Ratio 9999. %

