

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

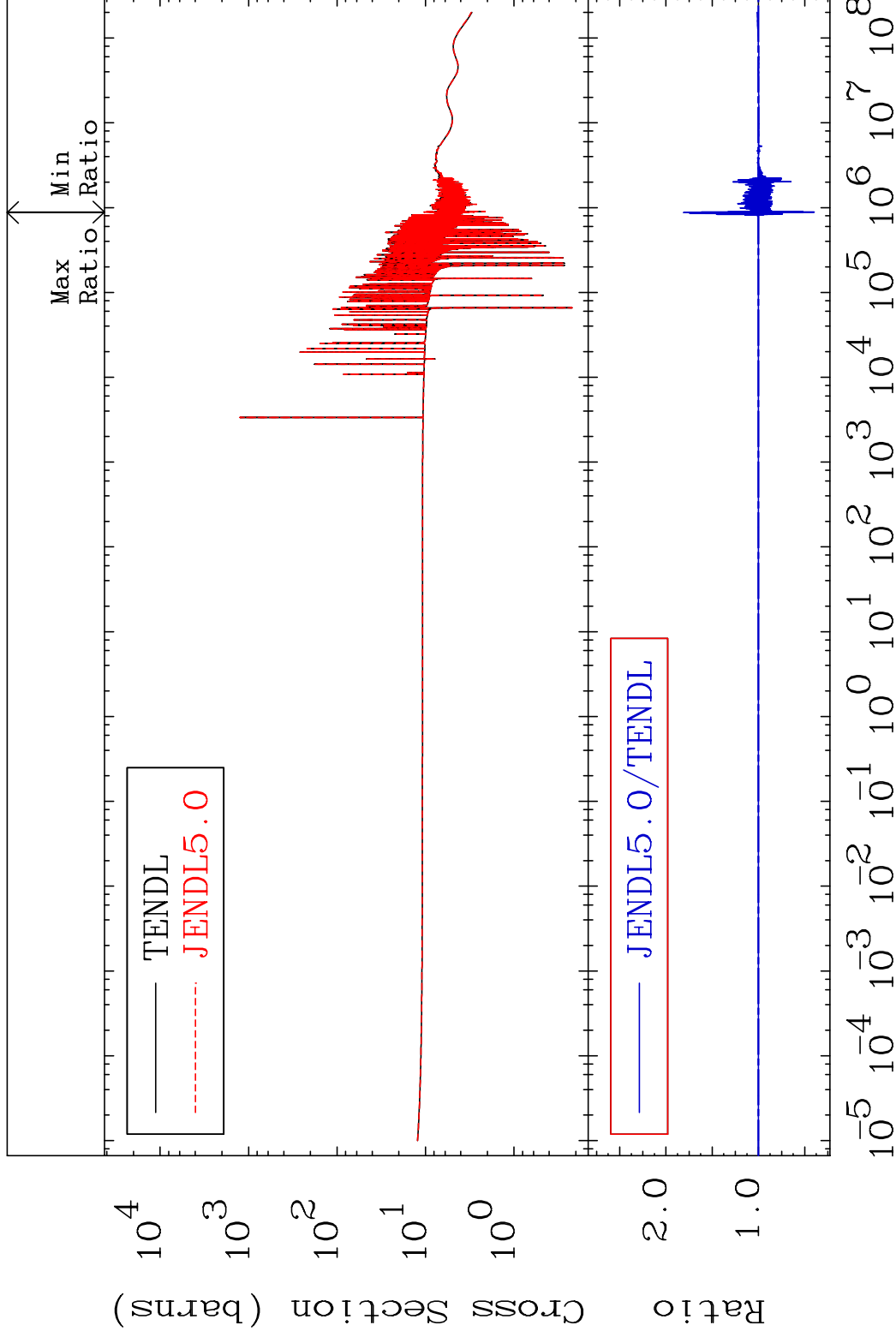
MAT 8231

Total

82-Pb-206

Cross Section

-60.13 To 80.88 %



1

Incident Energy (eV)

82-Pb-206

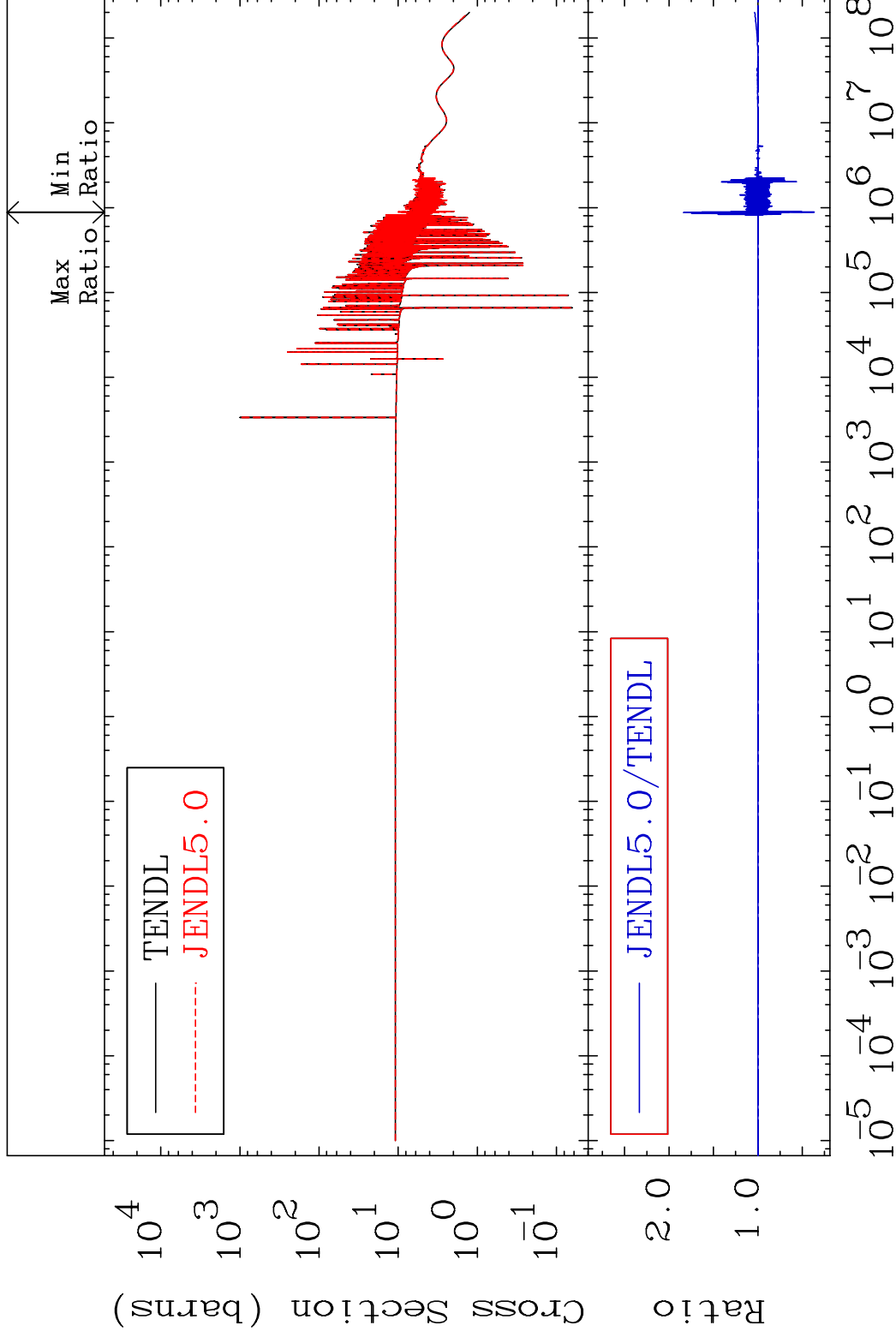
MAT 8231

Elastic

82-Pb-206

Cross Section

-63.29 To 83.53 %



2

Incident Energy (eV)

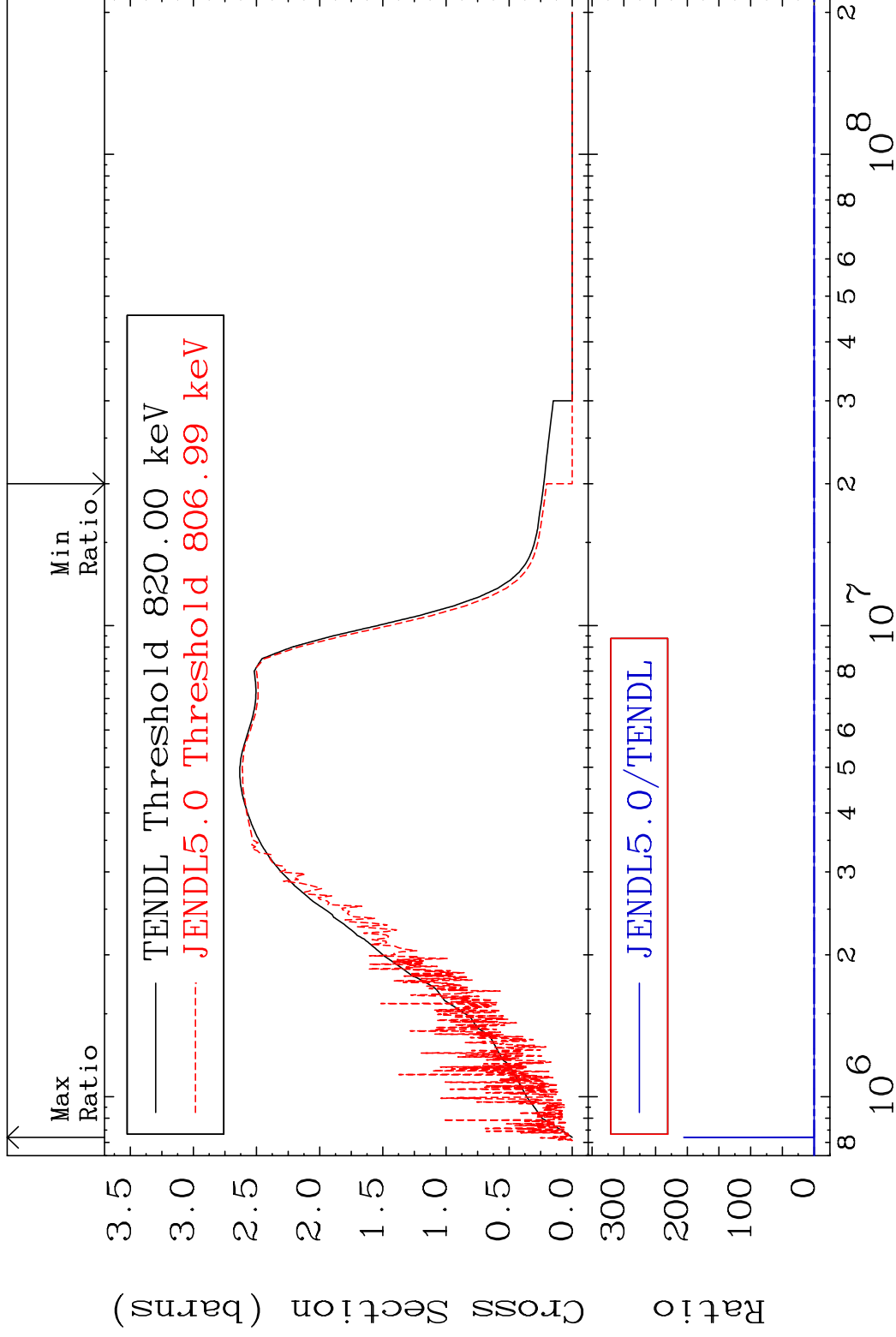
82-Pb-206

MAT 8231

Inelastic

82-Pb-206

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

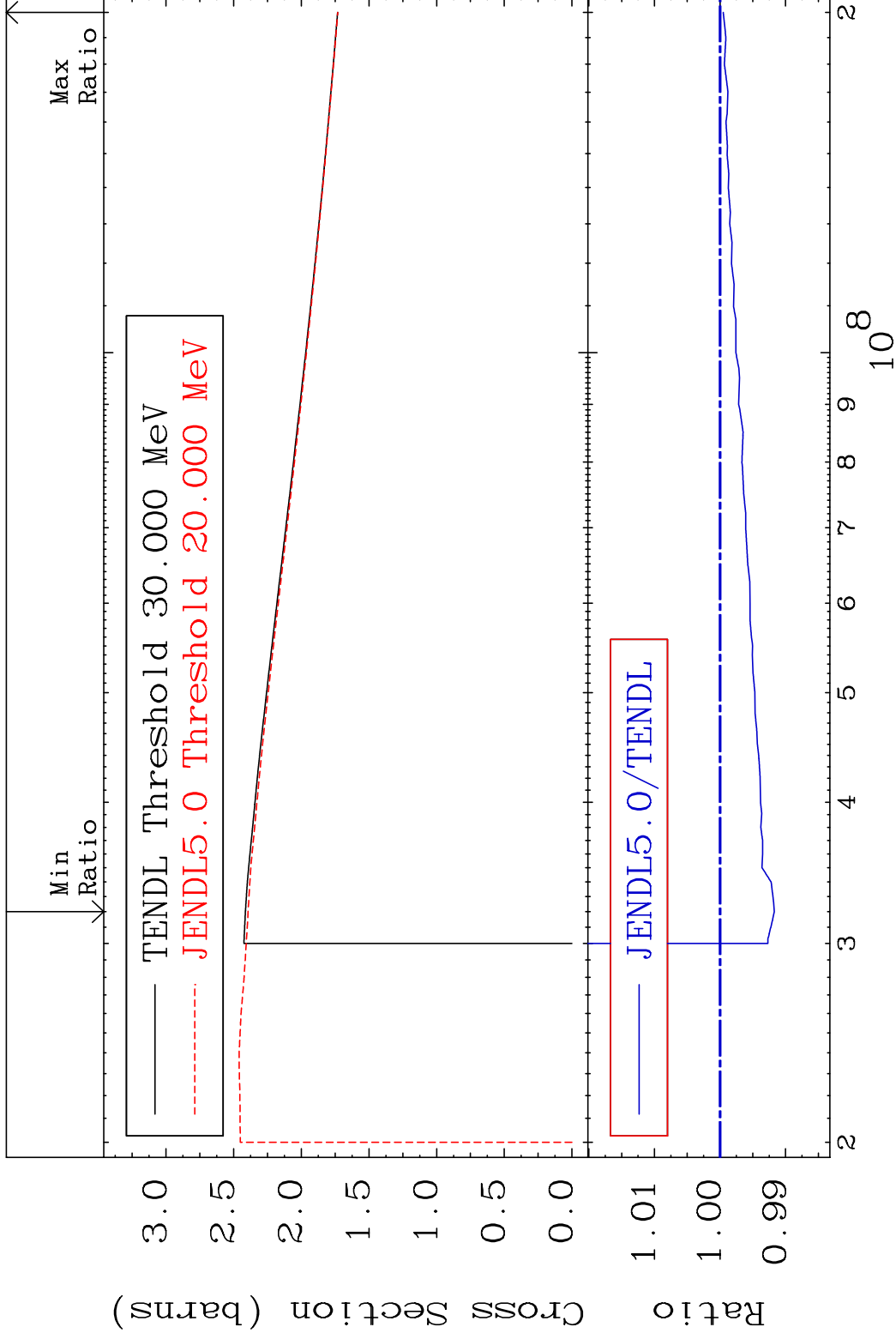
82-Pb-206

MAT 8231

(n, remainder)

82-Pb-206

Cross Section -0.828 To -0.049%



4

Incident Energy (eV)

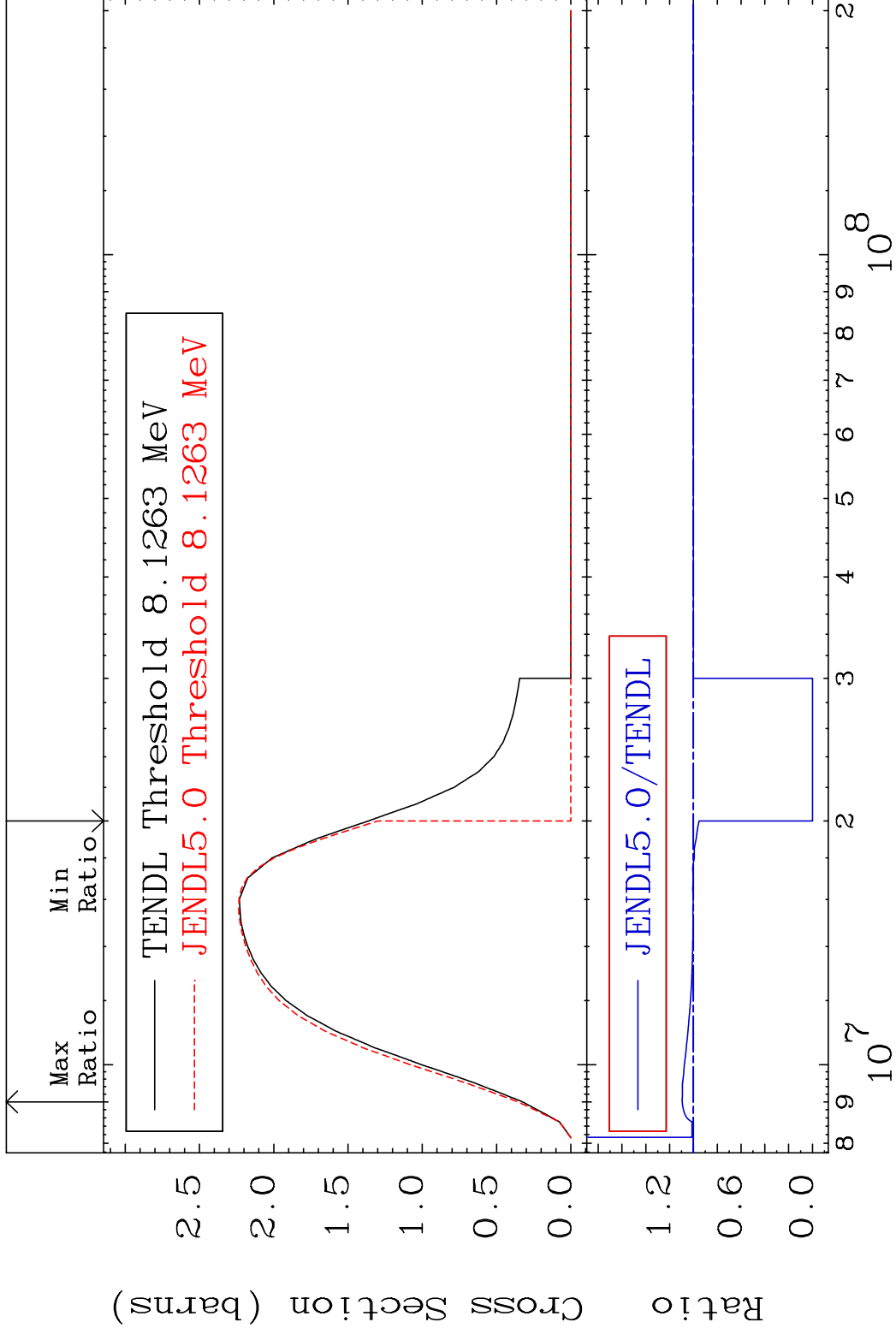
82-Pb-206

MAT 8231

(n,2n)

82-Pb-206

Cross Section -100.0 To 9.472 %



5

Incident Energy (eV)

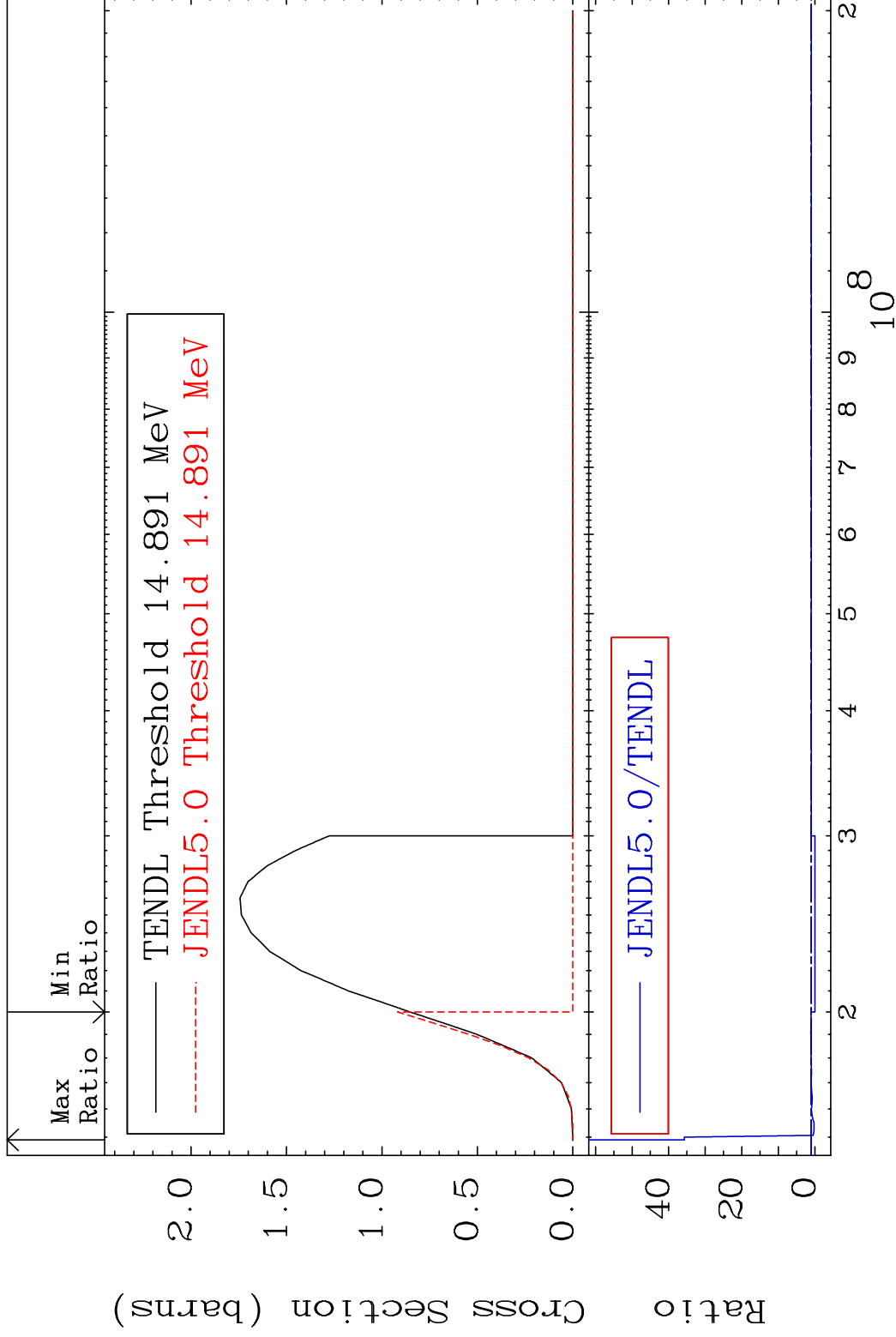
82-Pb-206

MAT 8231

(n,3n)

82-Pb-206

Cross Section -100.0 To 3472. %



6

Incident Energy (eV)

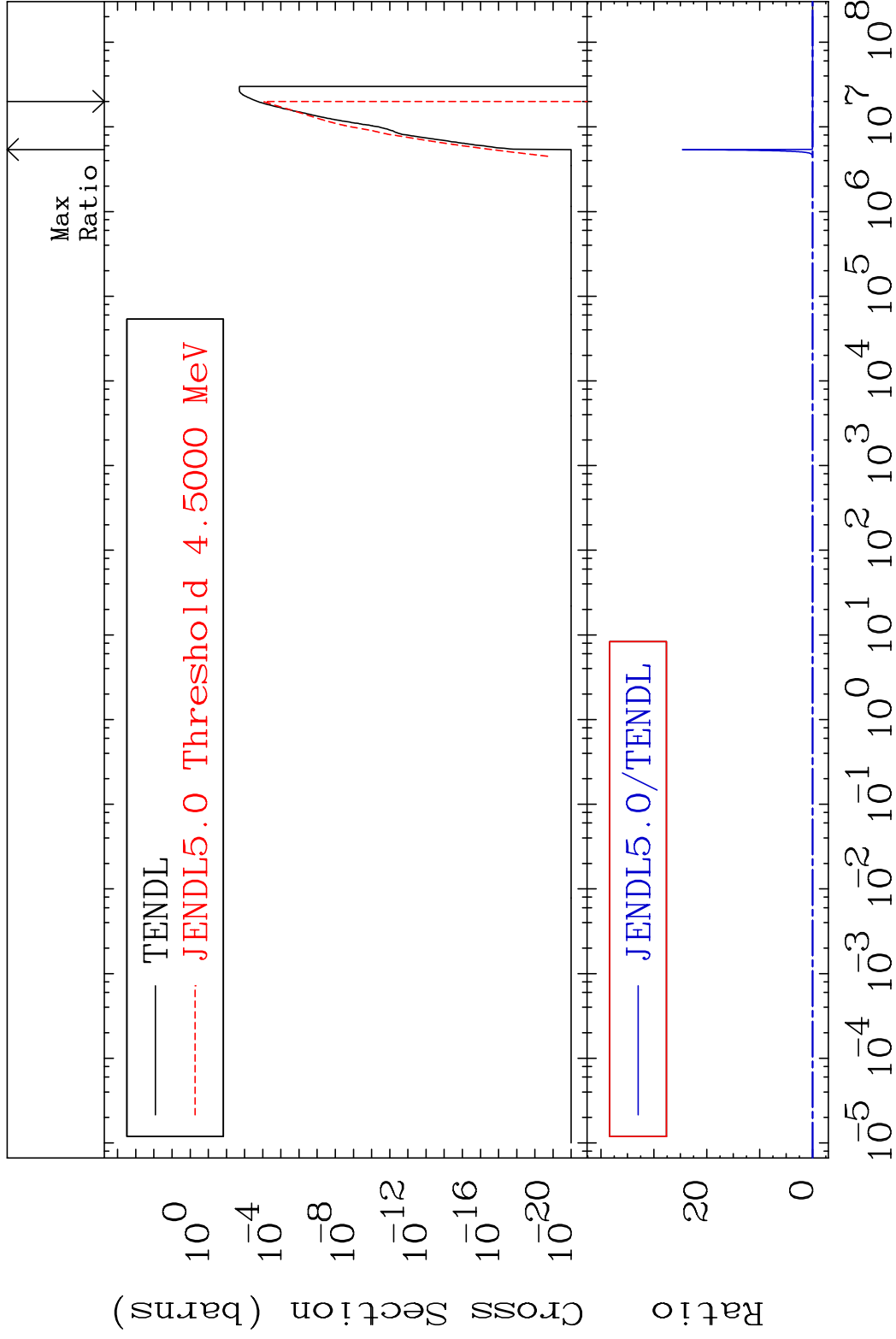
82-Pb-206

MAT 8231

(n, n') α

82-Pb-206

Cross Section -100.0 To 9999. %

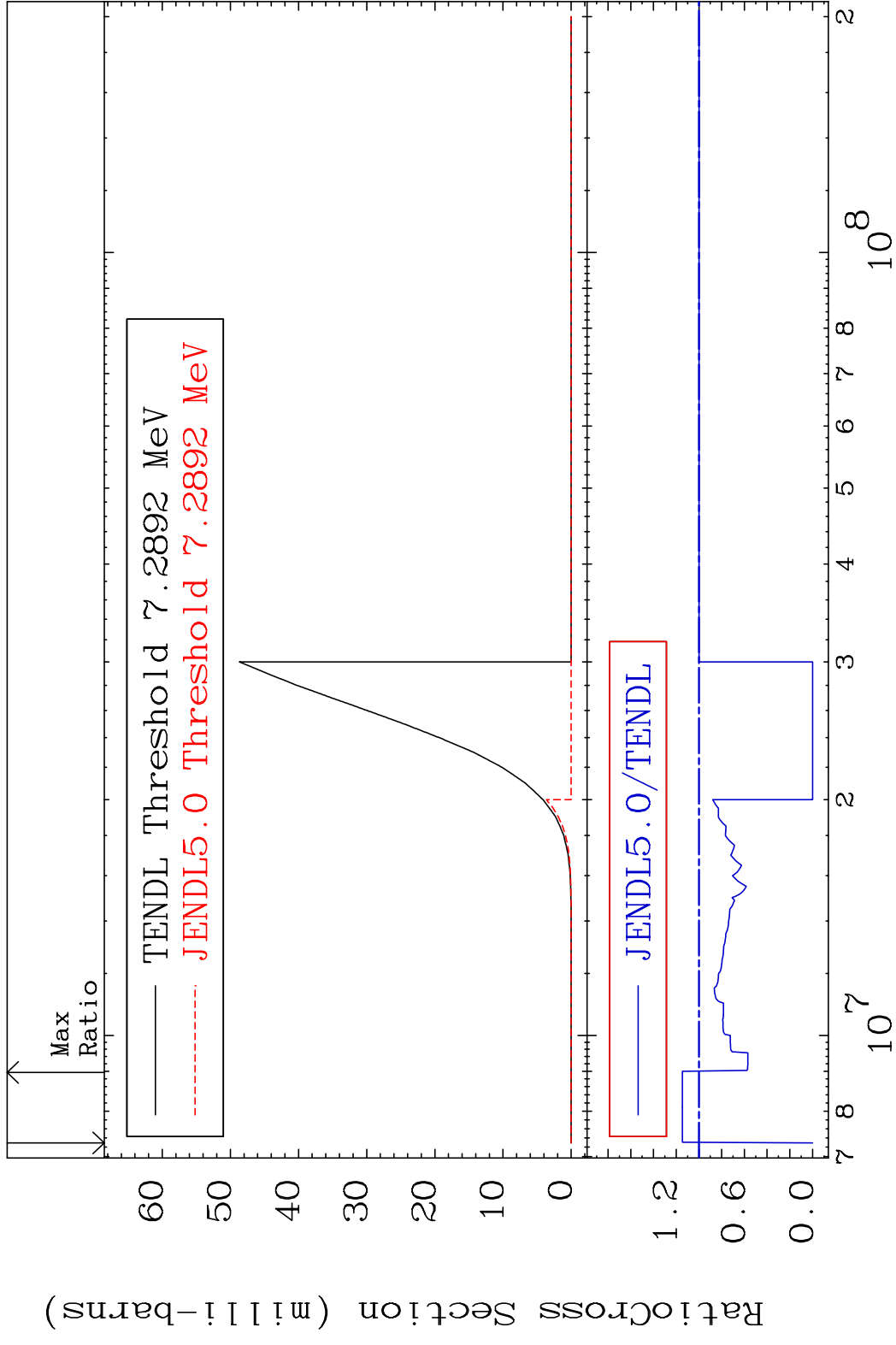


7

Incident Energy (eV)

82-Pb-206

MAT 8231 (n, n') p 82-Pb-206
 Cross Section -100.0 To 14.58 %



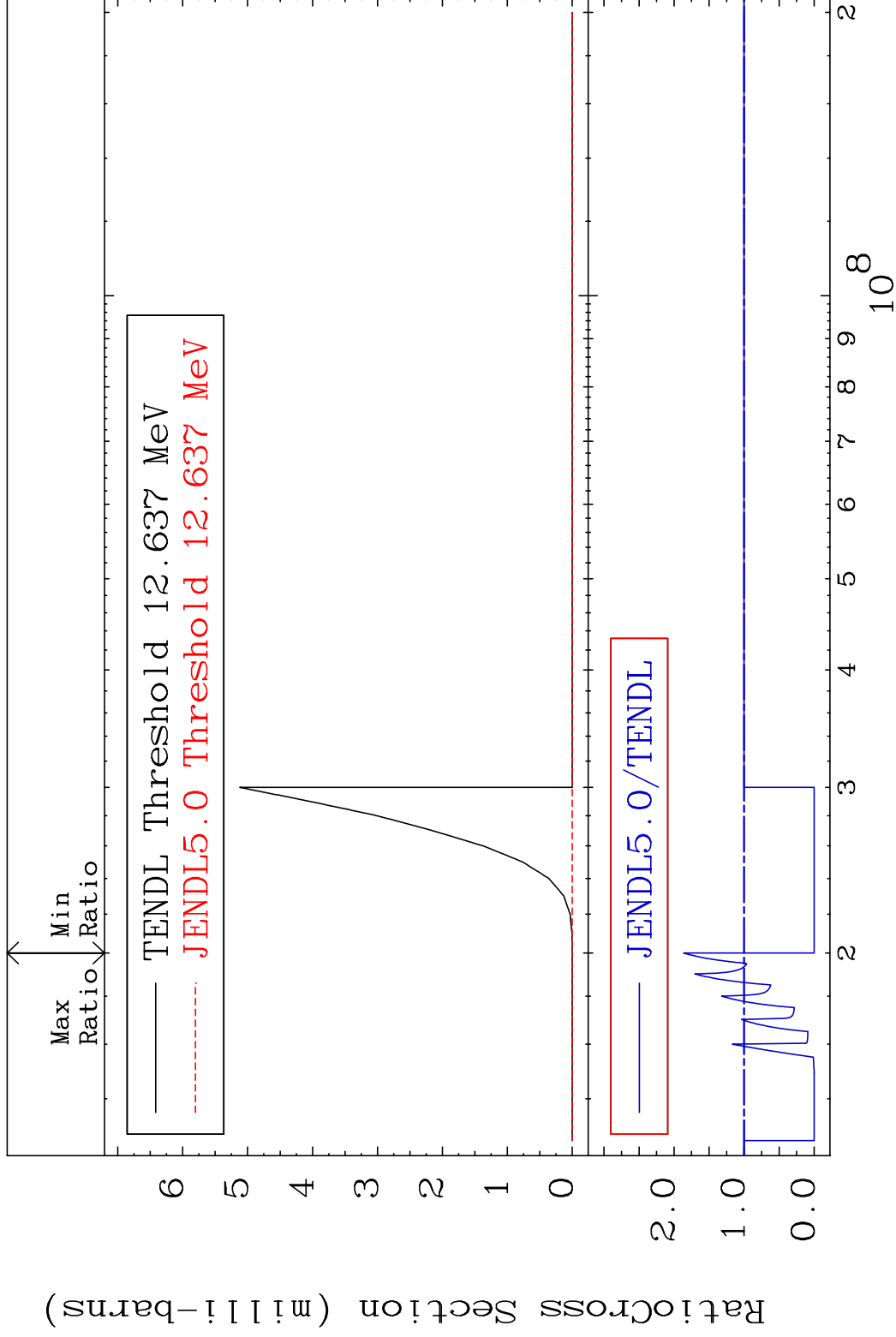
8 8 82-Pb-206

MAT 8231

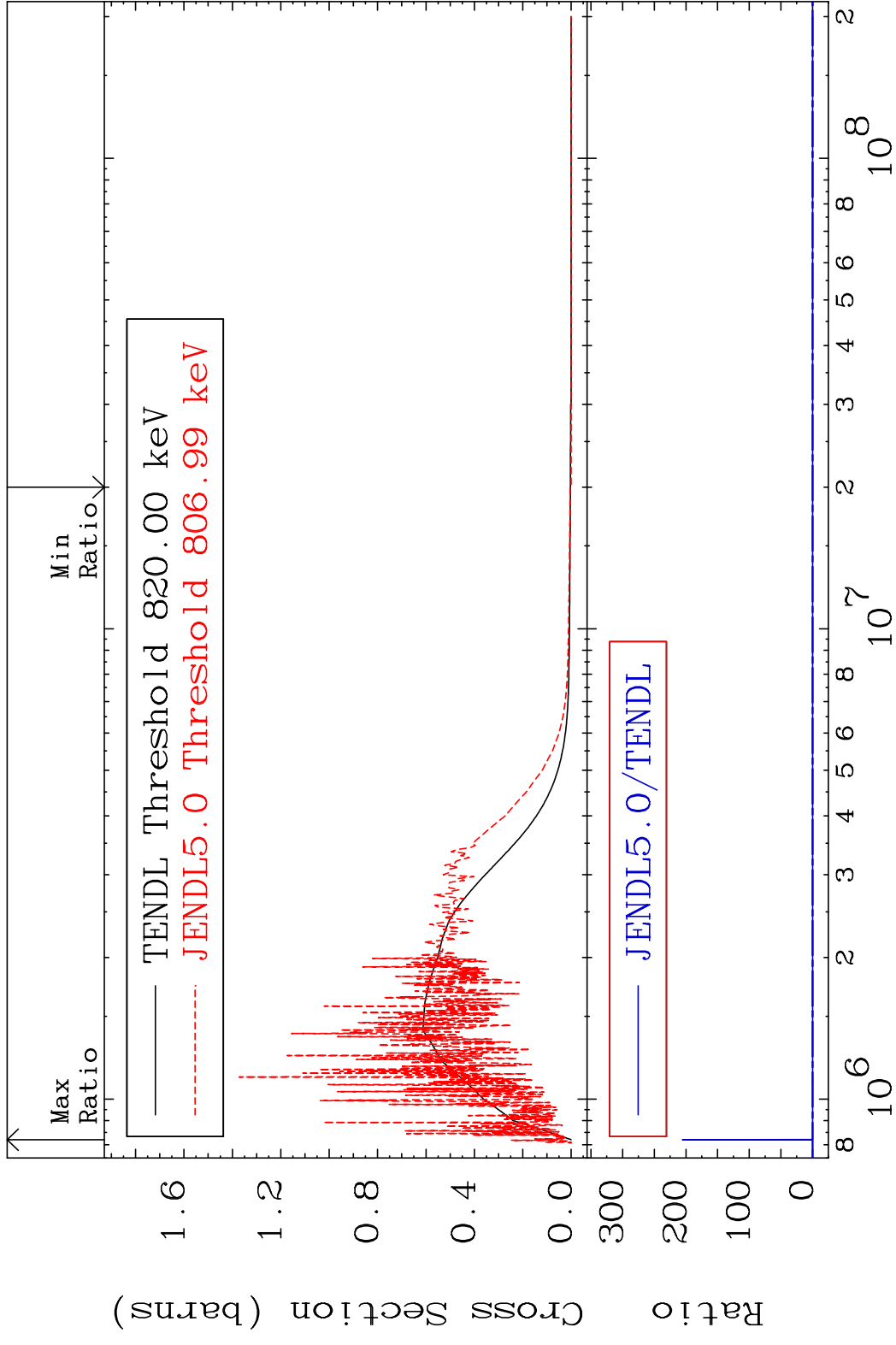
(n, n') d

82-Pb-206

Cross Section -100.0 To 86.28 %

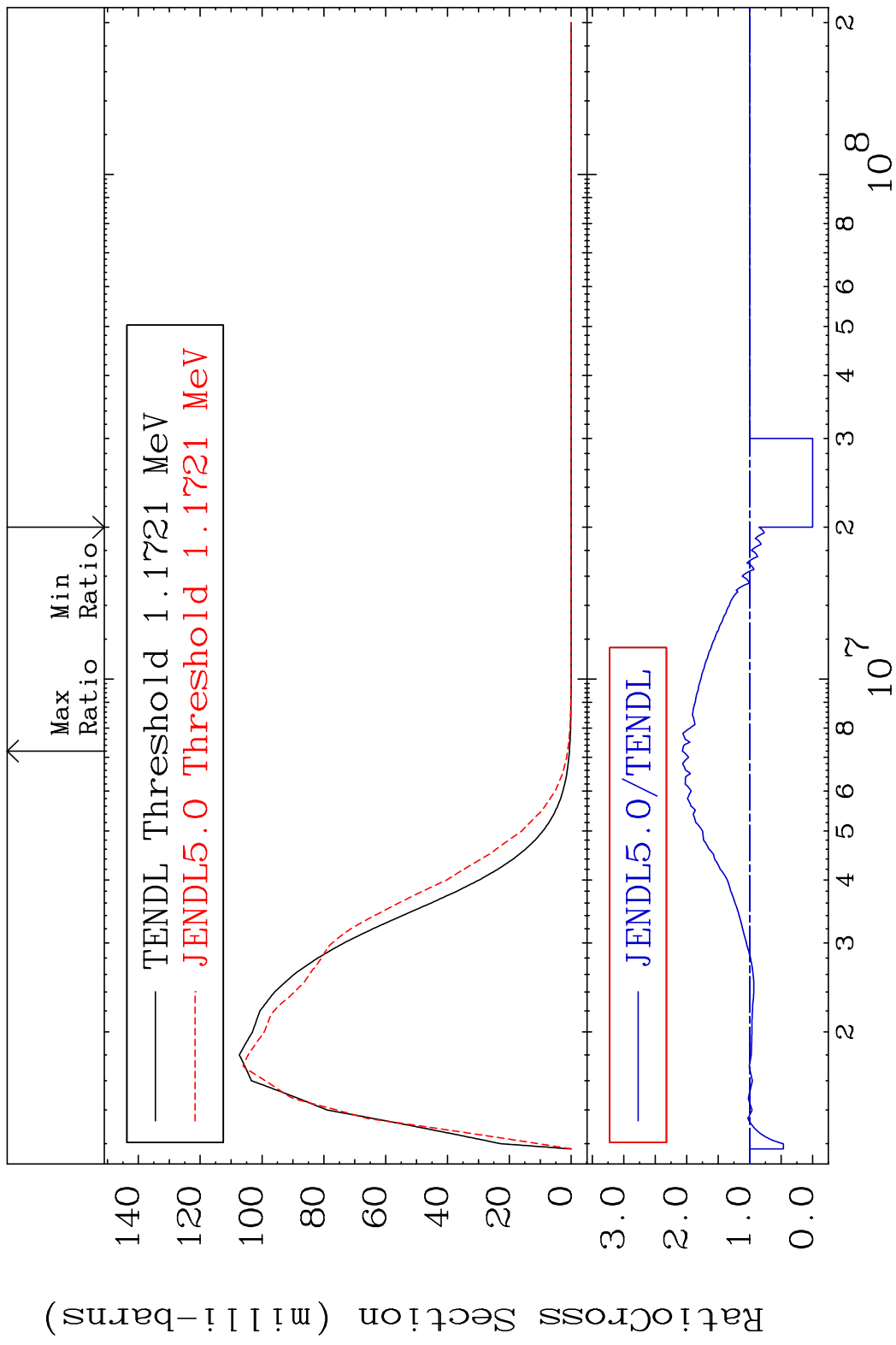


MAT 8231 MT= 51 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %

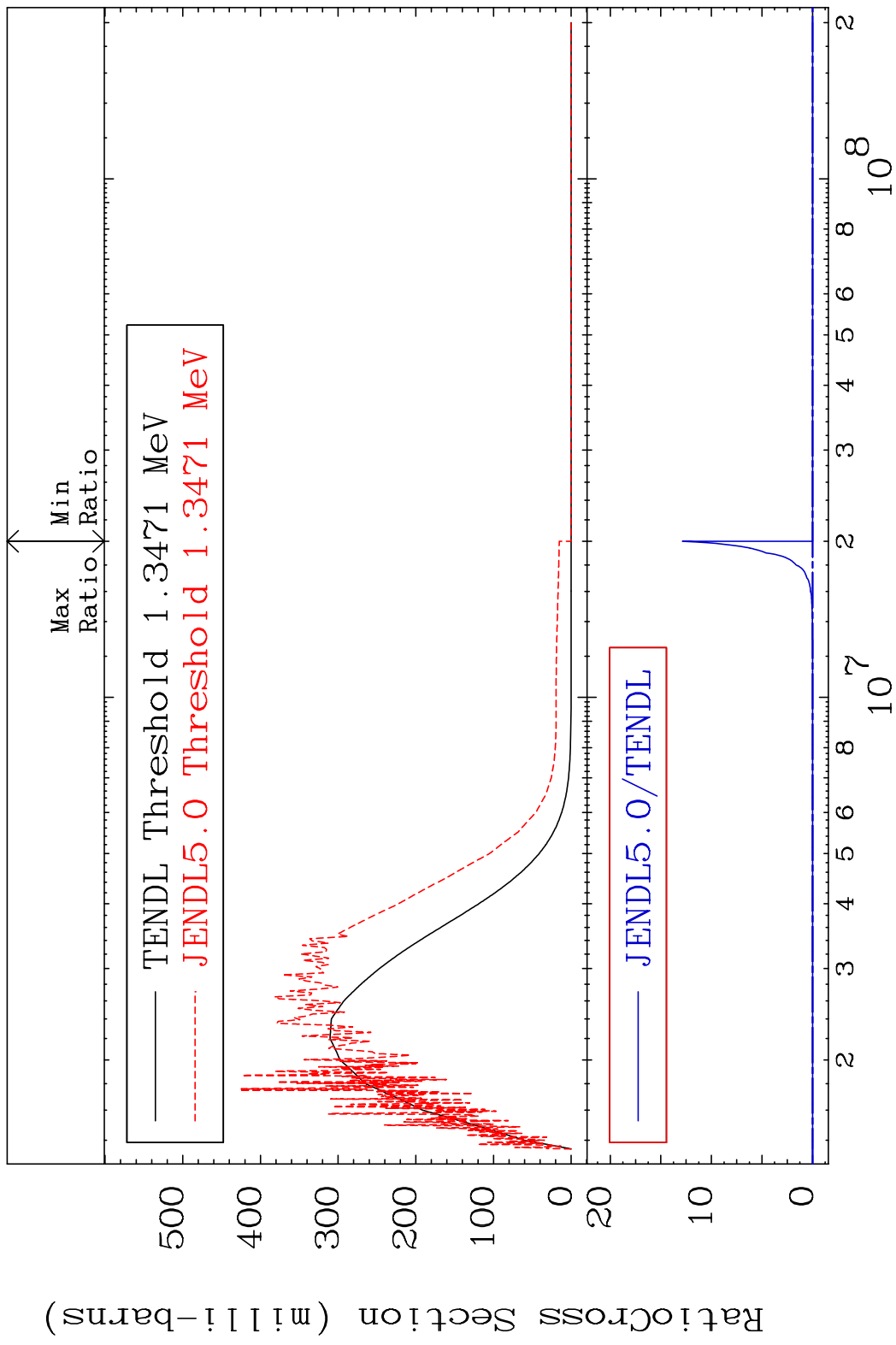


10 100 200 300 0 1.6 1.2 0.8 0.4 0.0 8 10⁶ 10⁷ 10⁸ 2 3 4 5 6 8 2 82-Pb-206

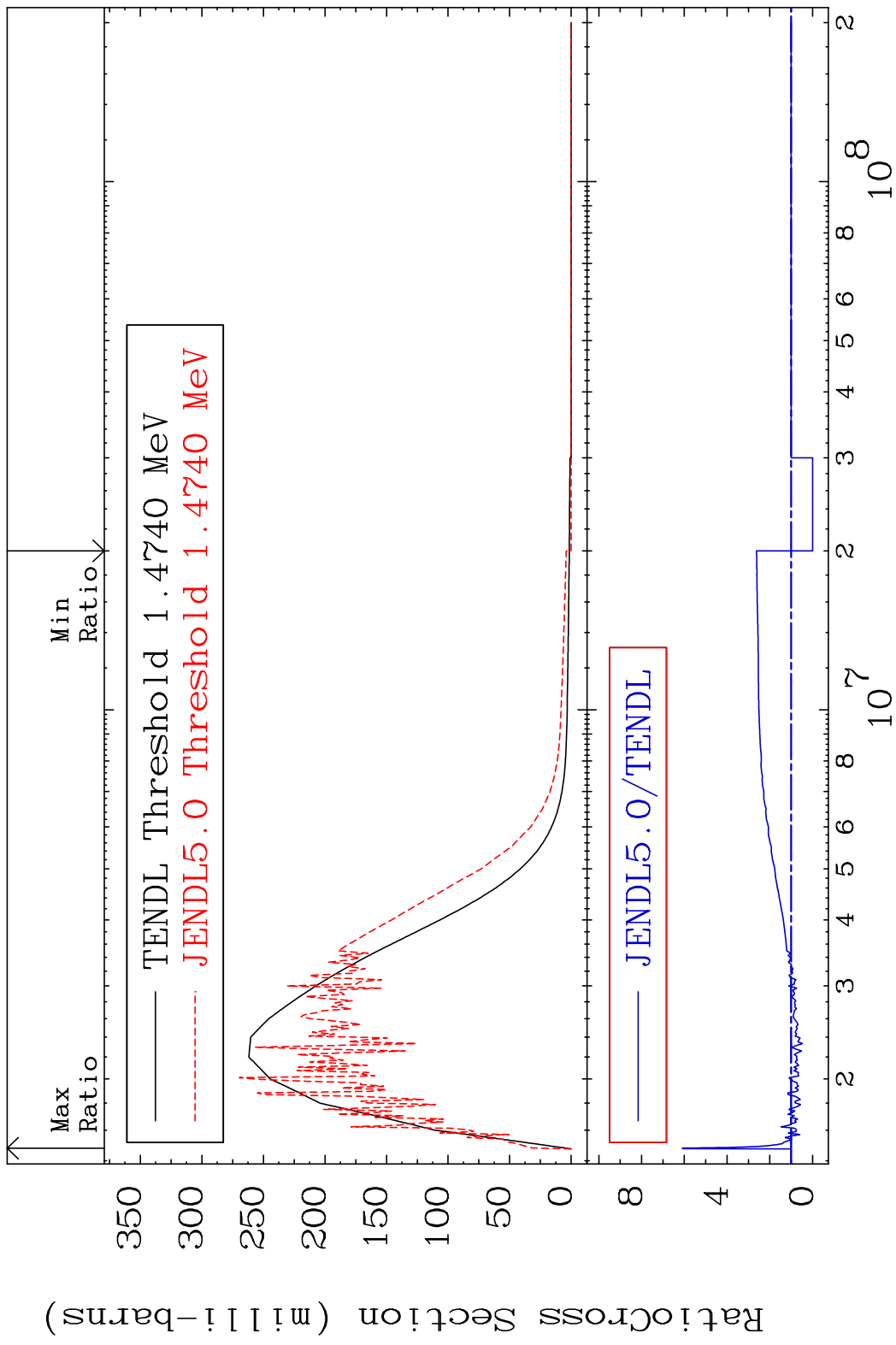
MAT 8231 MT= 52 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 106.9 %



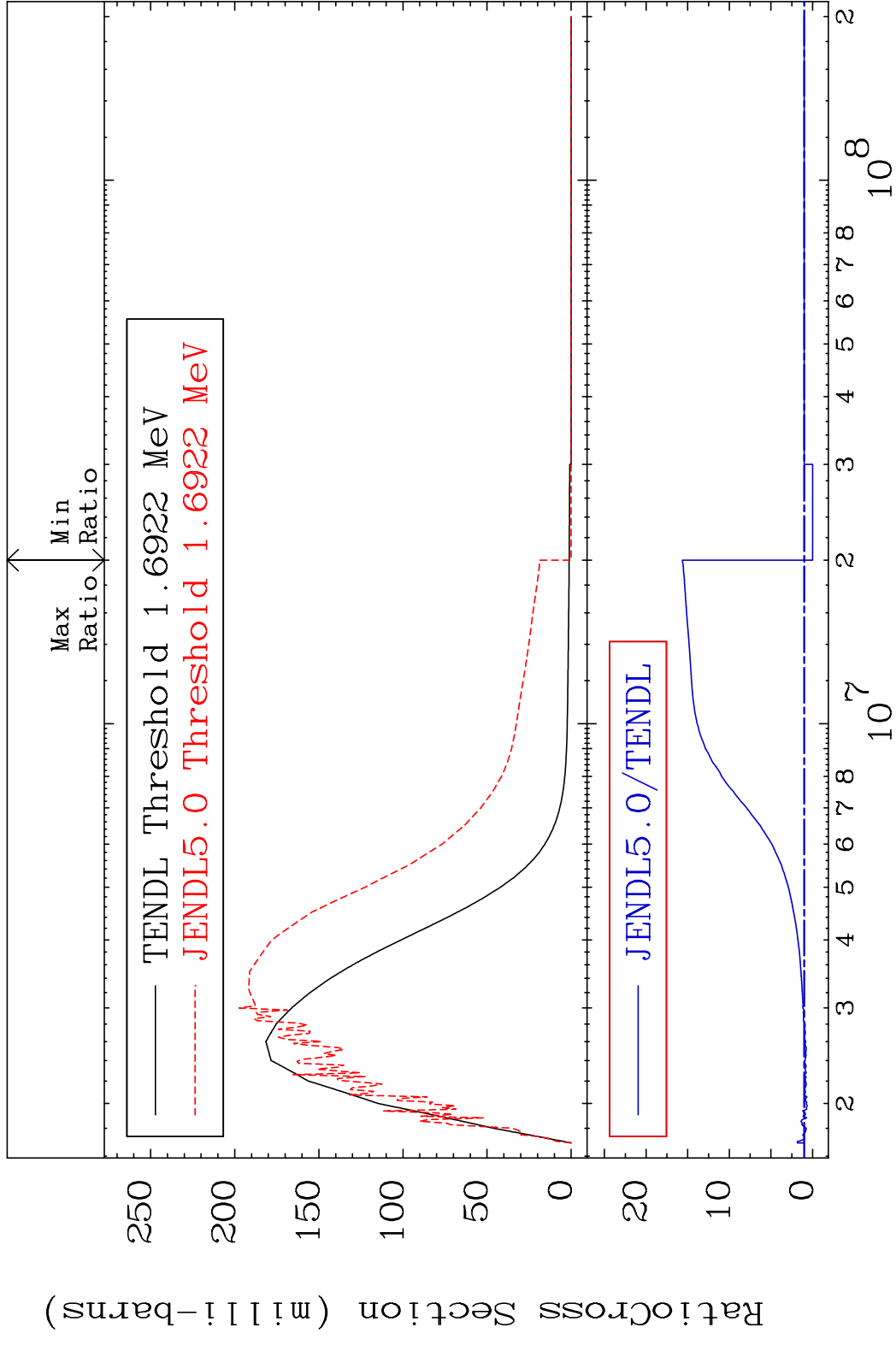
MAT 8231 MT= 53 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



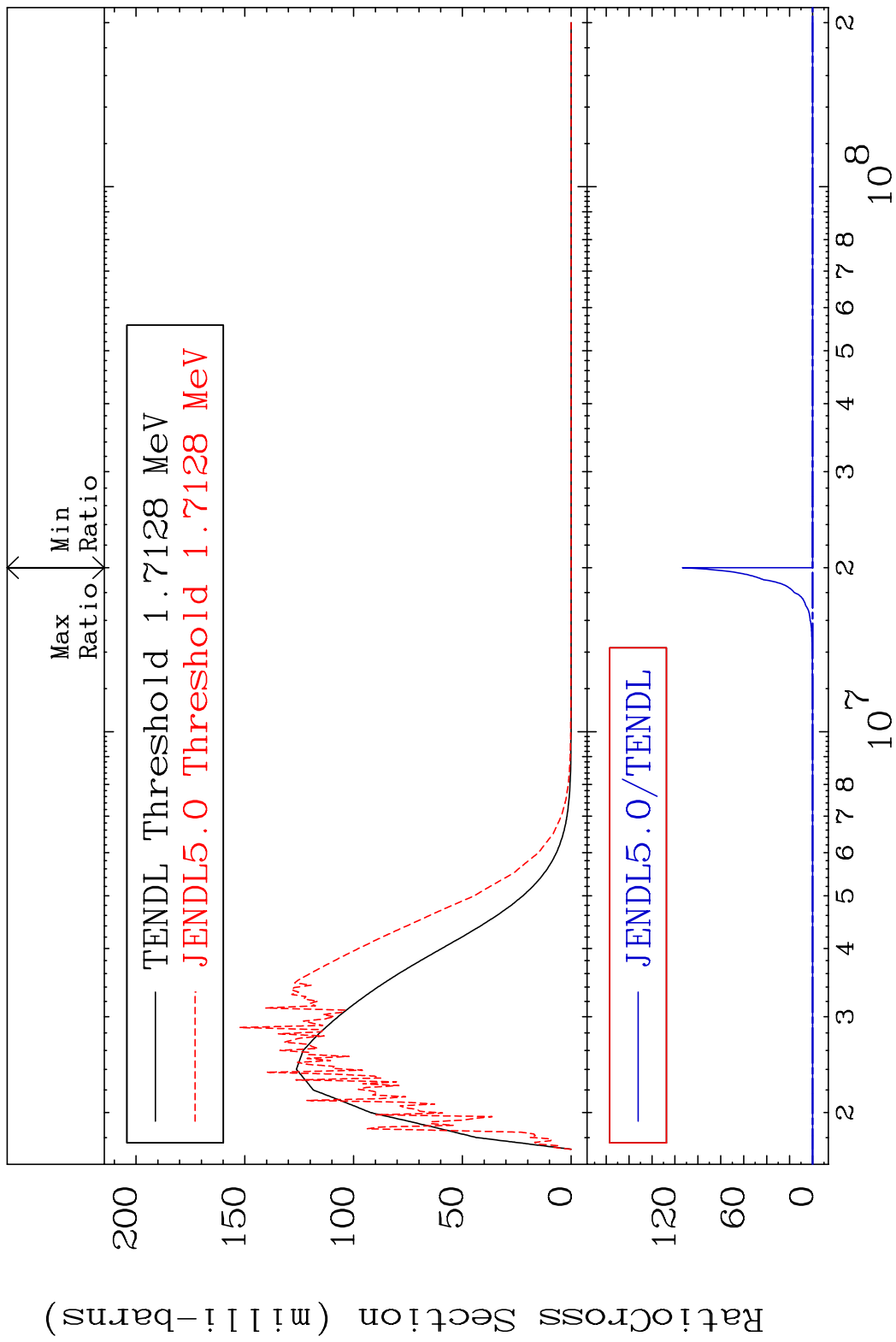
MAT 8231 MT= 54 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 509.2 %



MAT 8231 MT= 55 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 1465. %

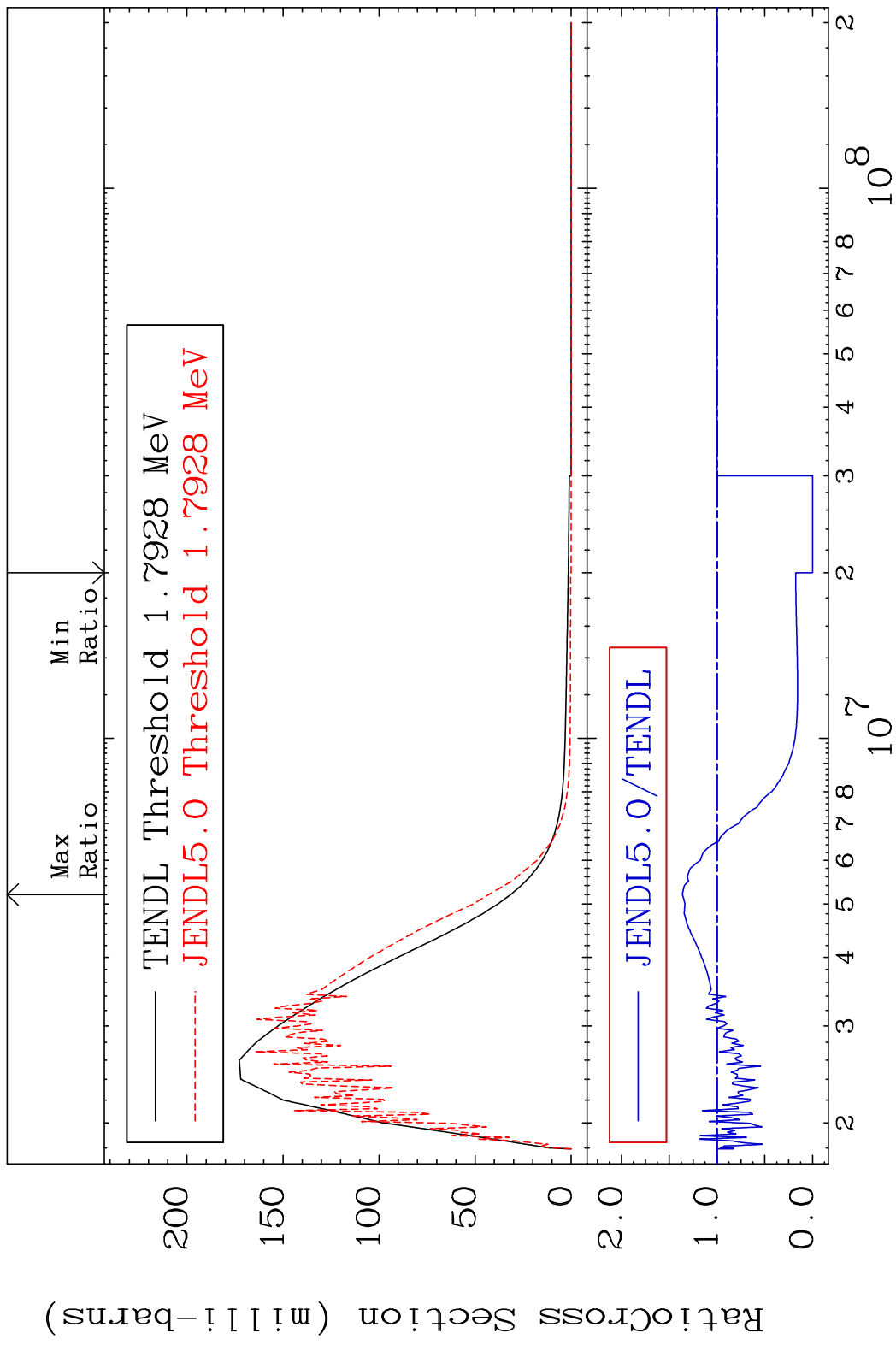


MAT 8231 MT= 56 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



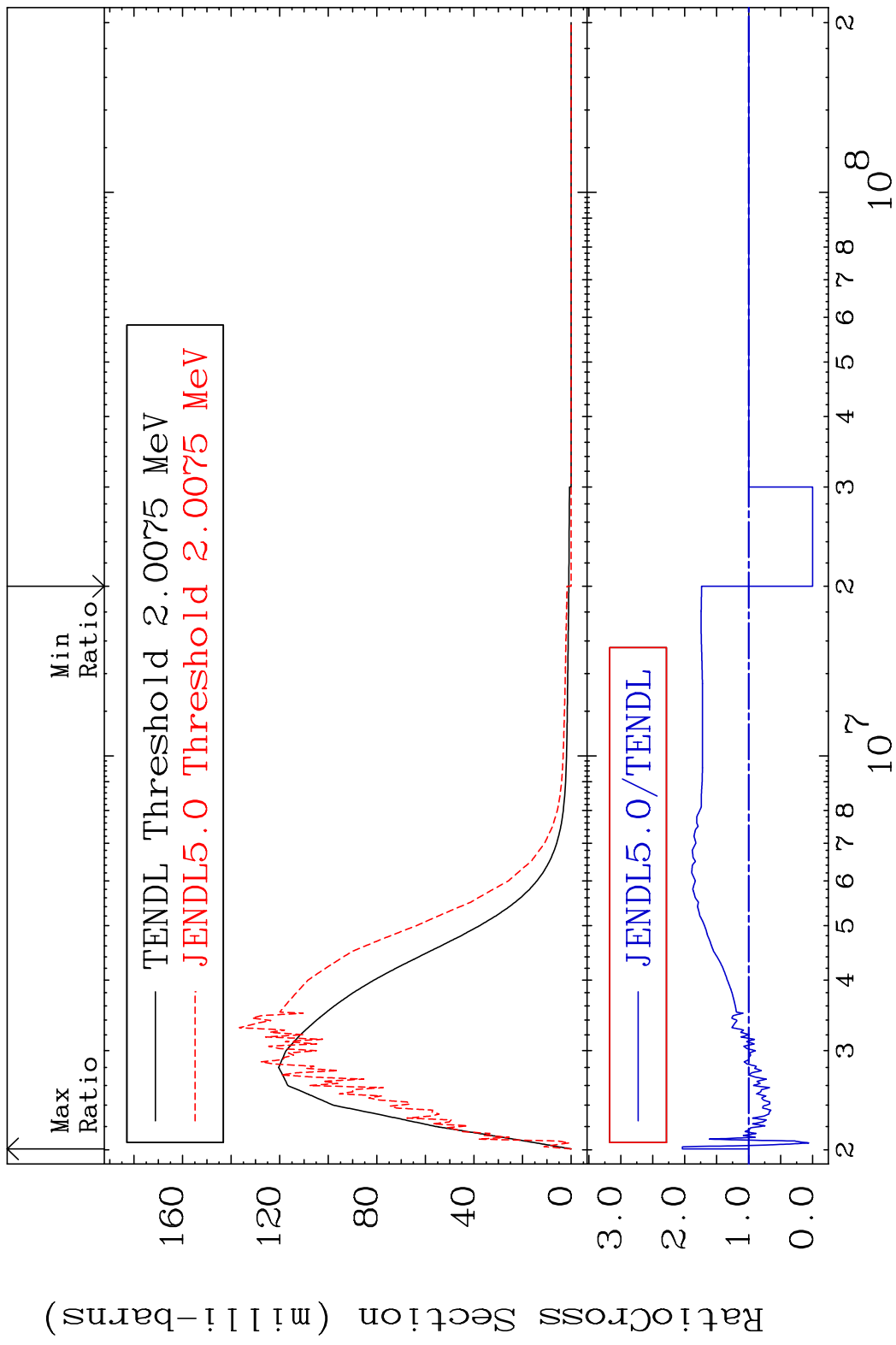
15 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 57 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 36.27 %

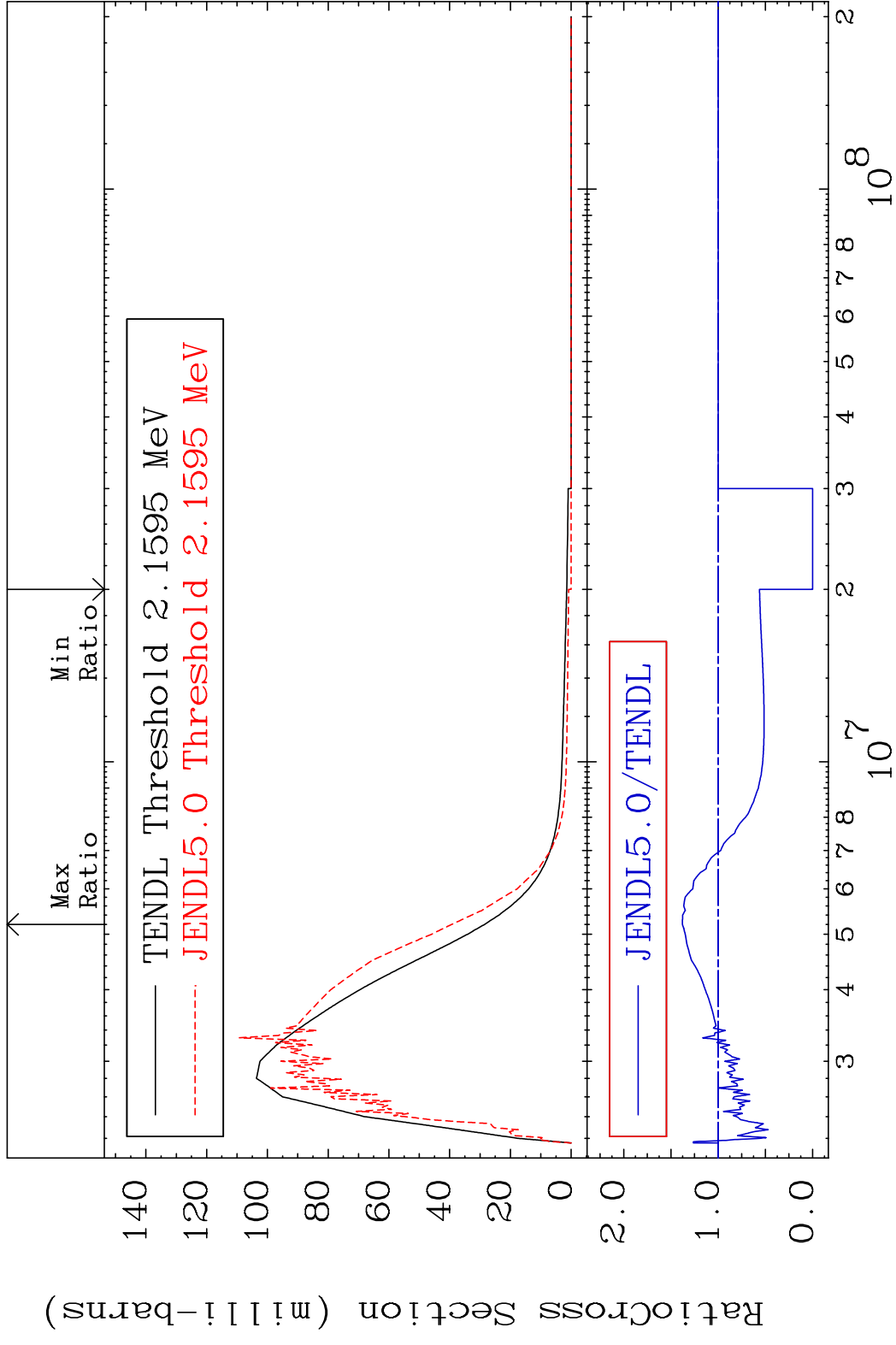


16 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 58 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 103.7 %

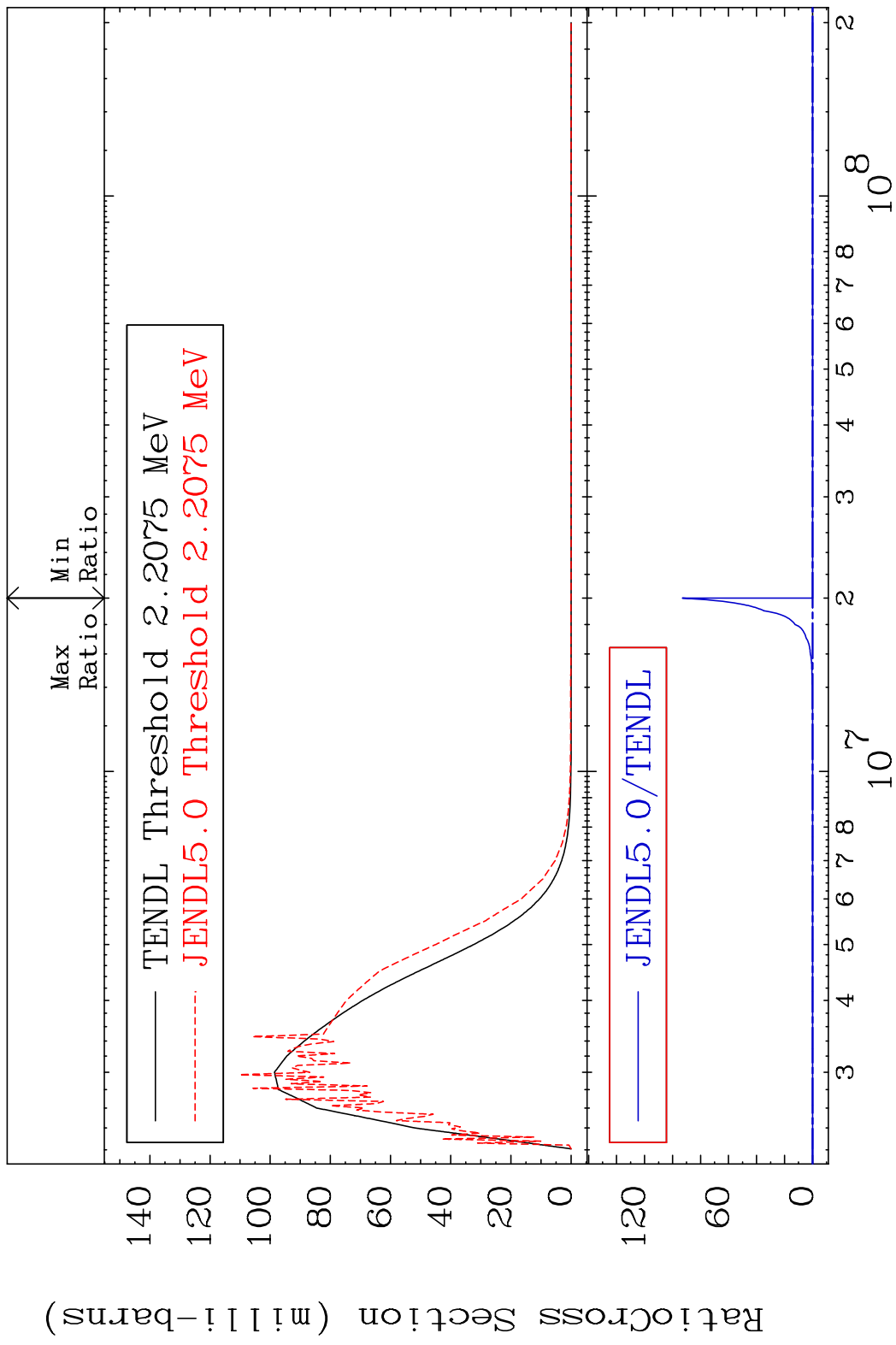


MAT 8231 MT= 59 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 37.89 %



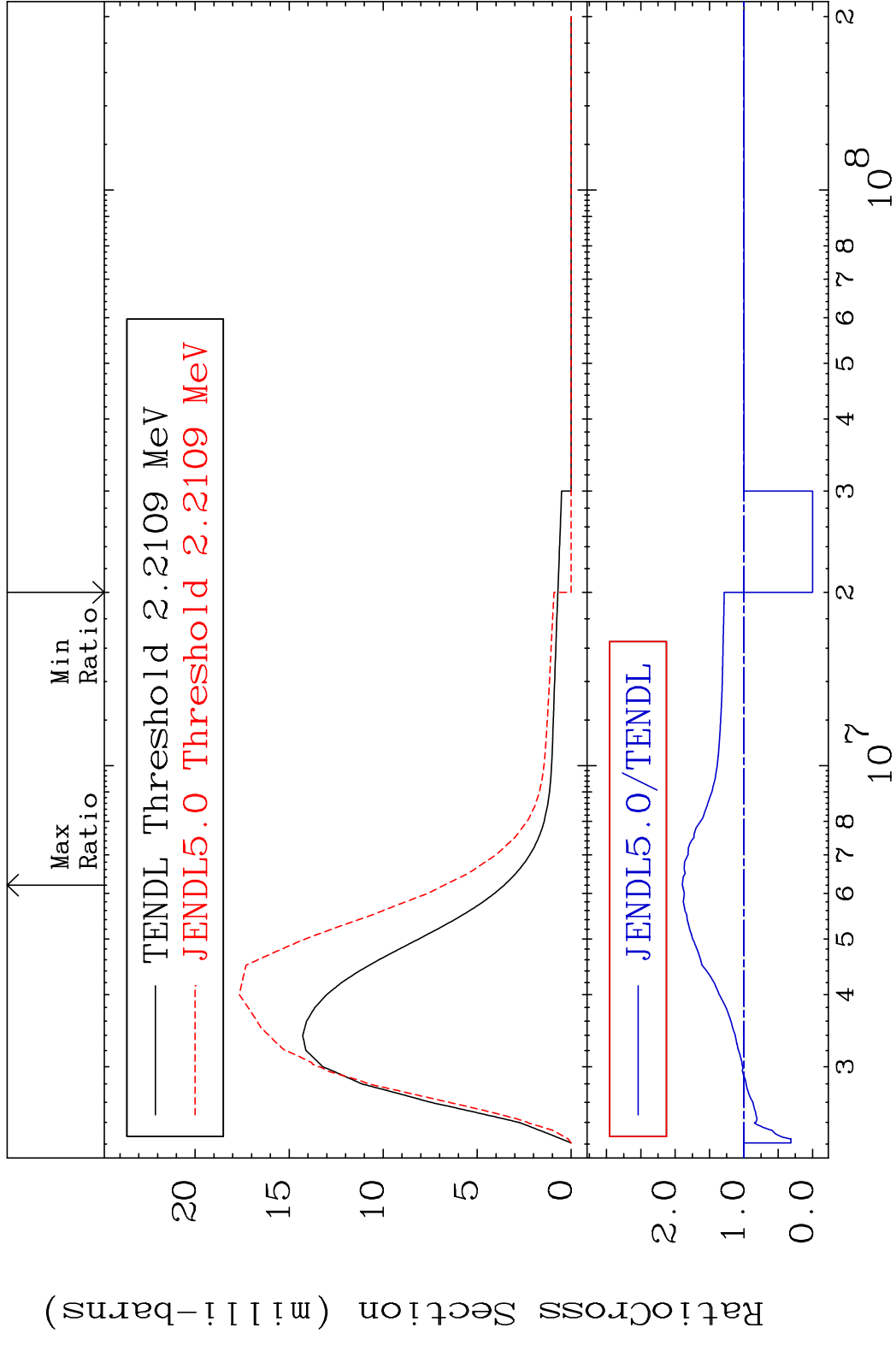
18 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 60 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %

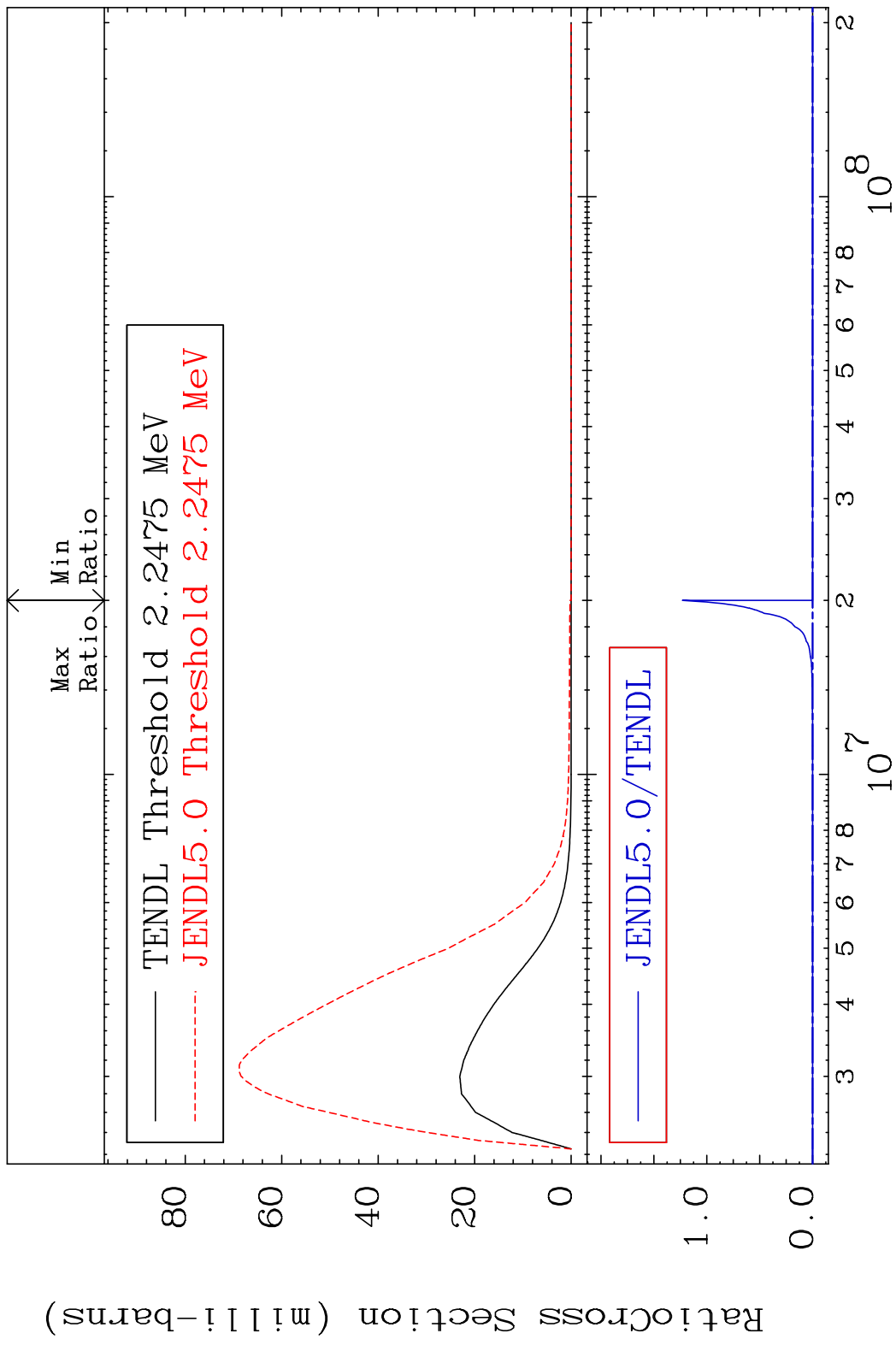


19 82-Pb-206

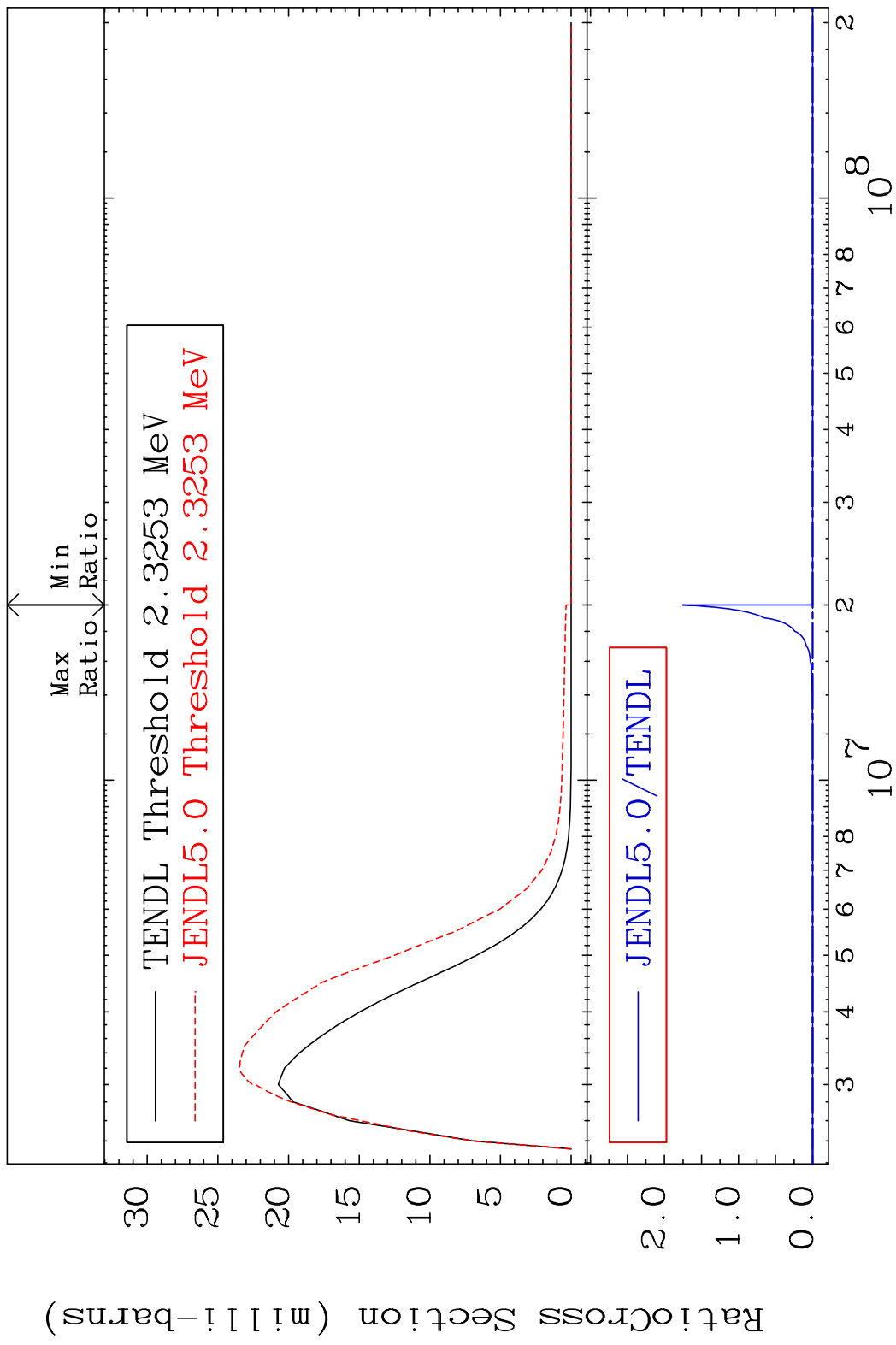
MAT 8231 MT= 61 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 89.57 %



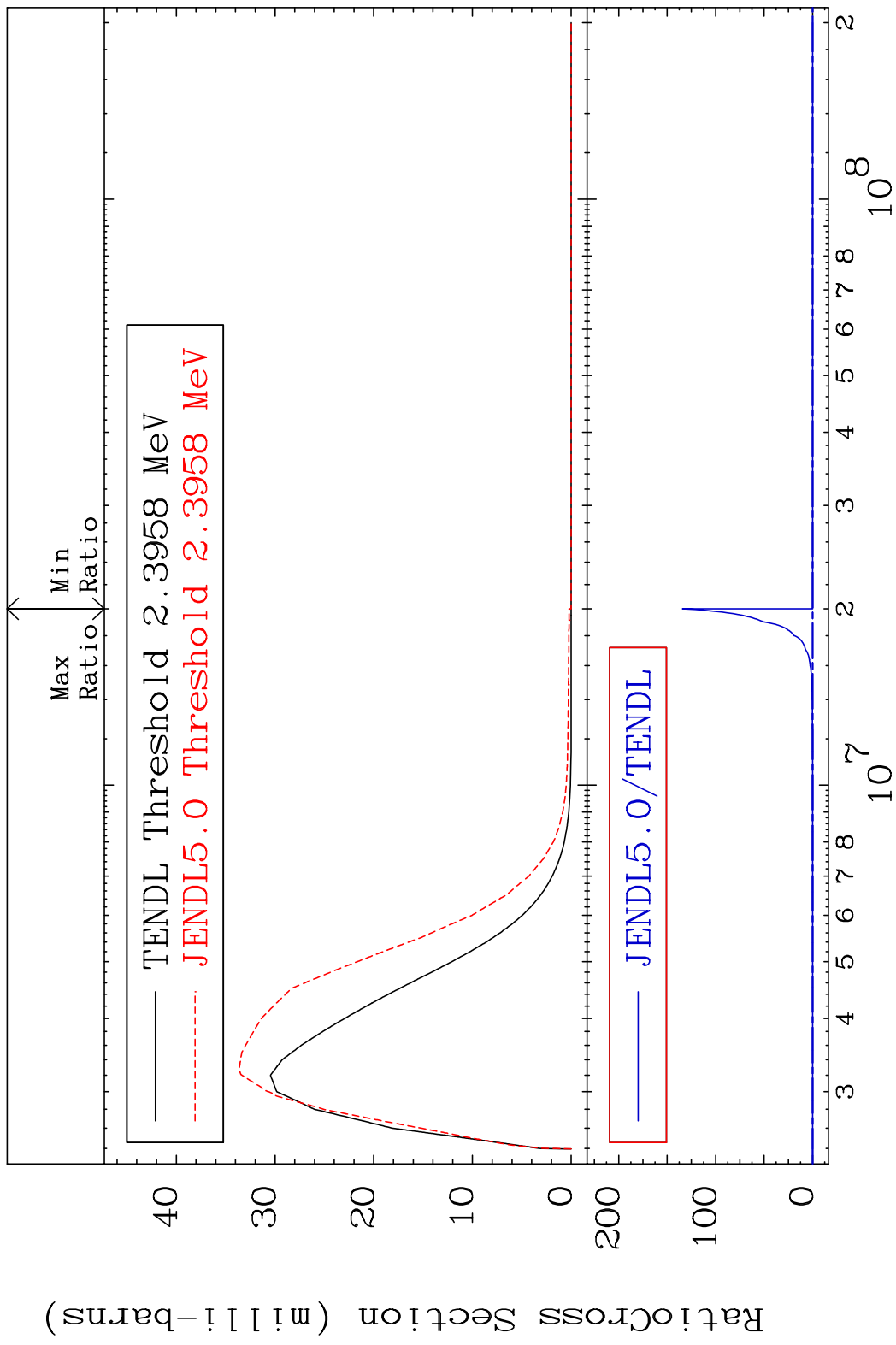
MAT 8231 MT= 62 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



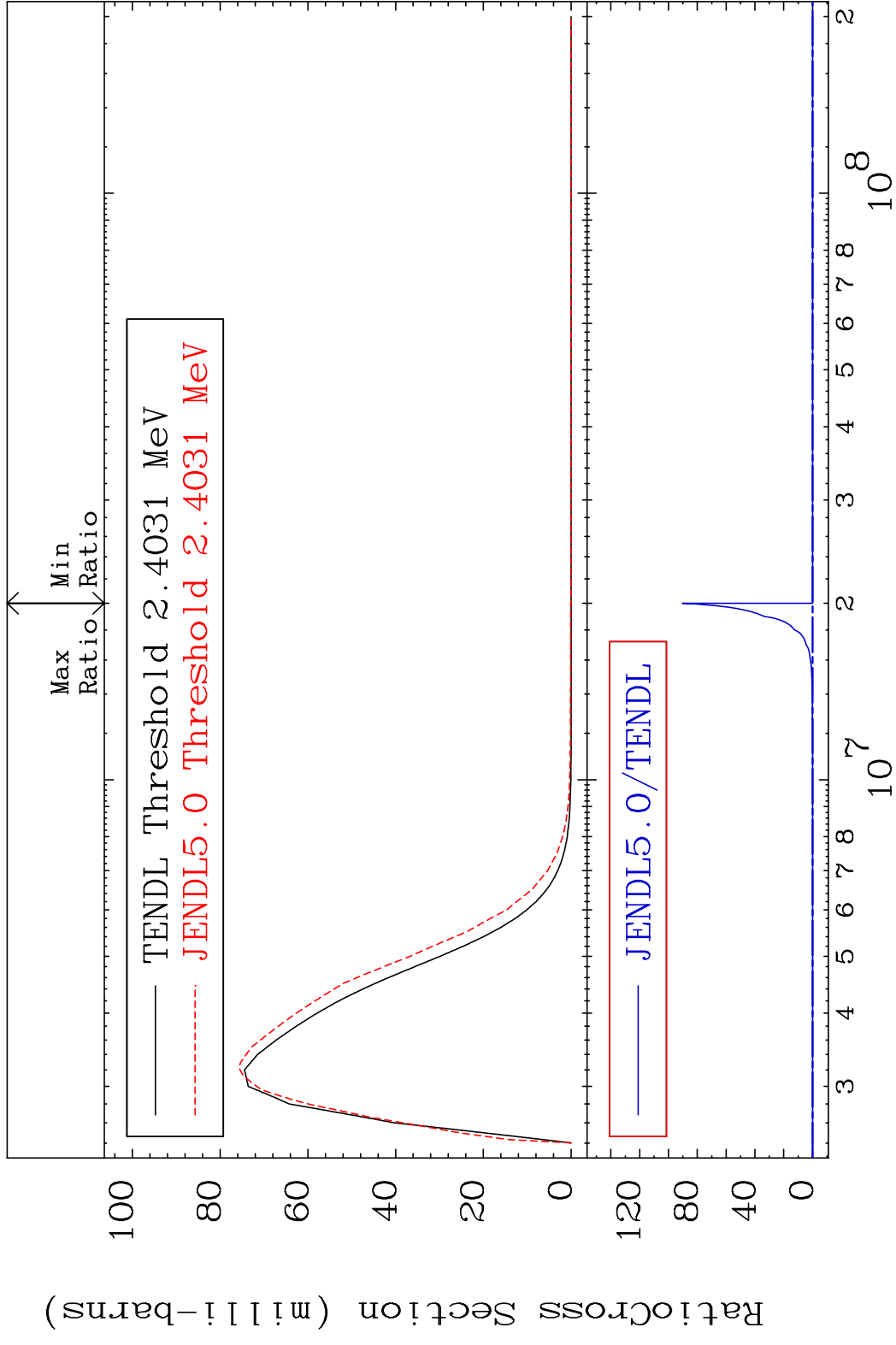
MAT 8231 MT= 63 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



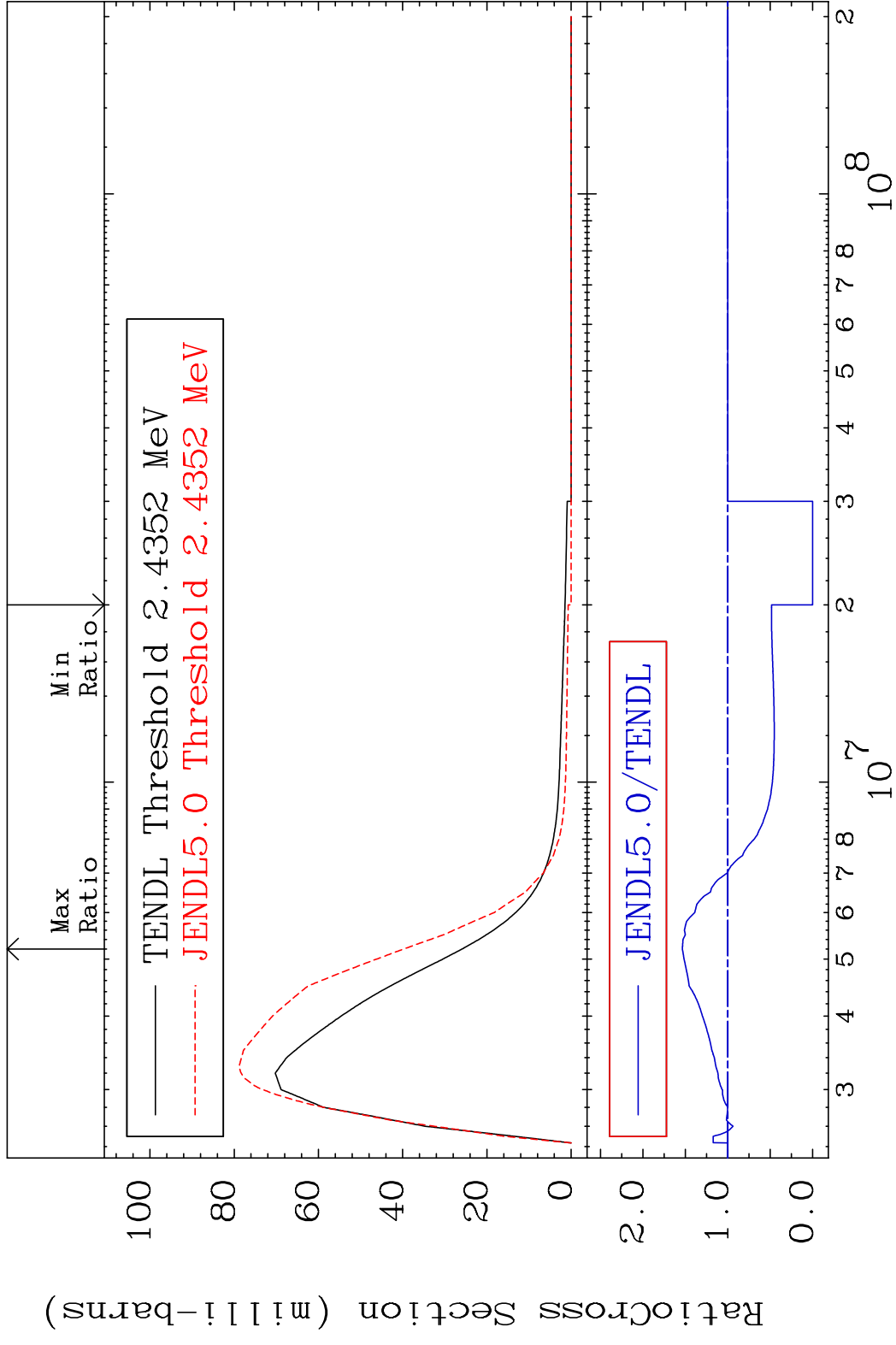
MAT 8231 MT= 64 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



MAT 8231 MT= 65 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



MAT 8231 MT= 66 (n,n') Level 82-Pb-206
 Cross Section -100.0 To 53.55 %

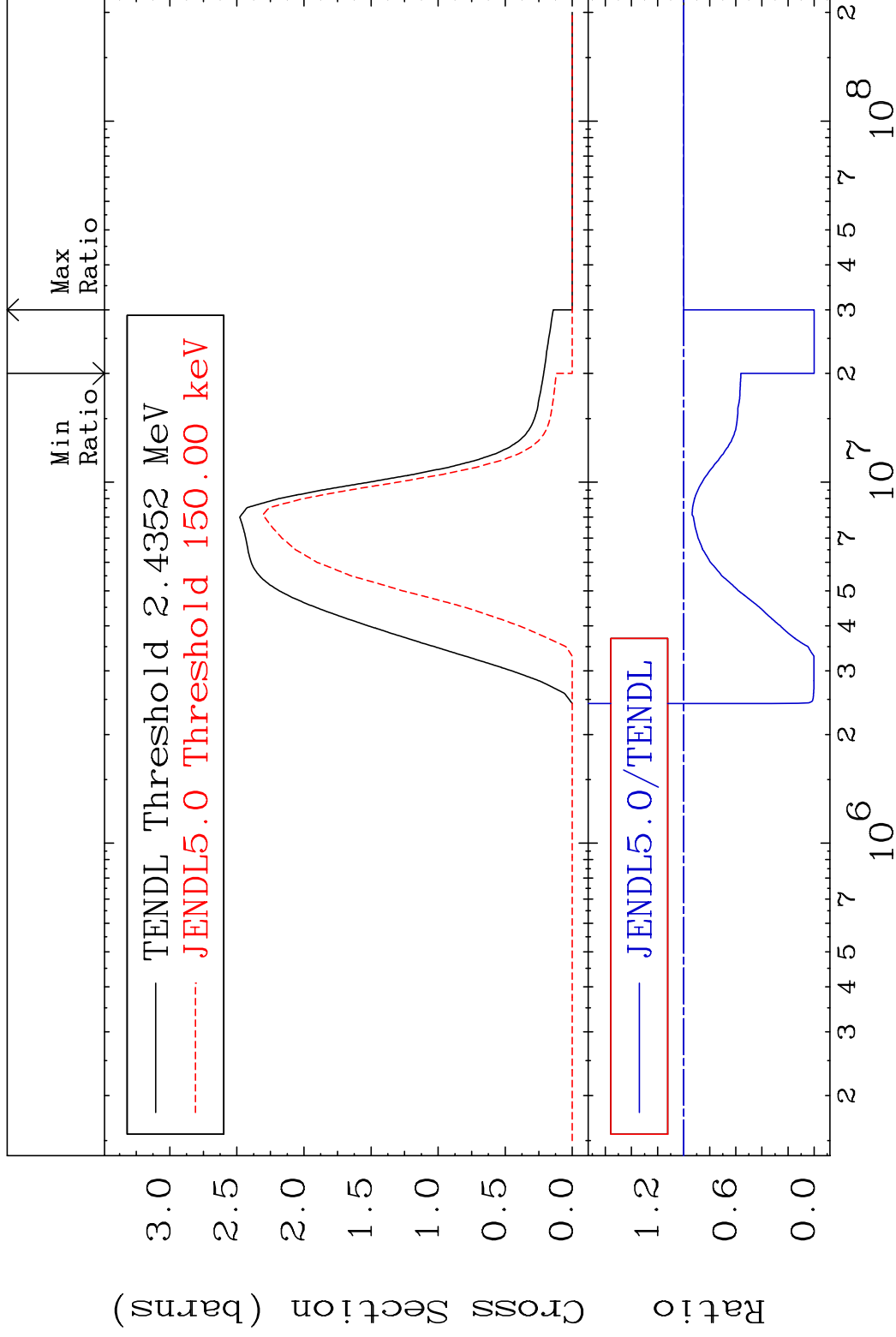


MAT 8231

(n, n') Continuum

82-Pb-206

Cross Section -100.0 To 0.000 %

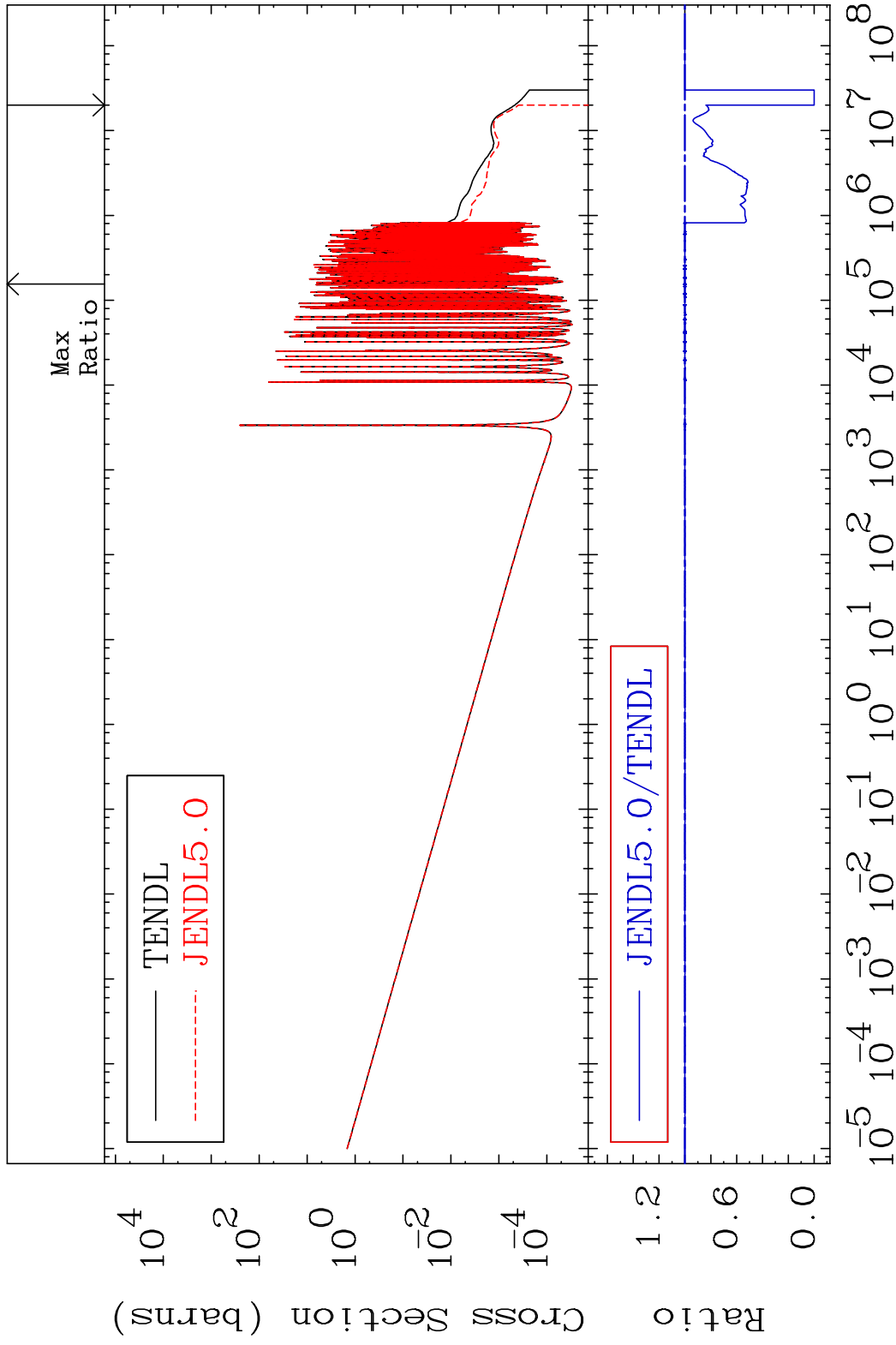


MAT 8231

(n, γ)

82-Pb-206

Cross Section -100.0 To 0.989 %



27

Incident Energy (eV)

82-Pb-206

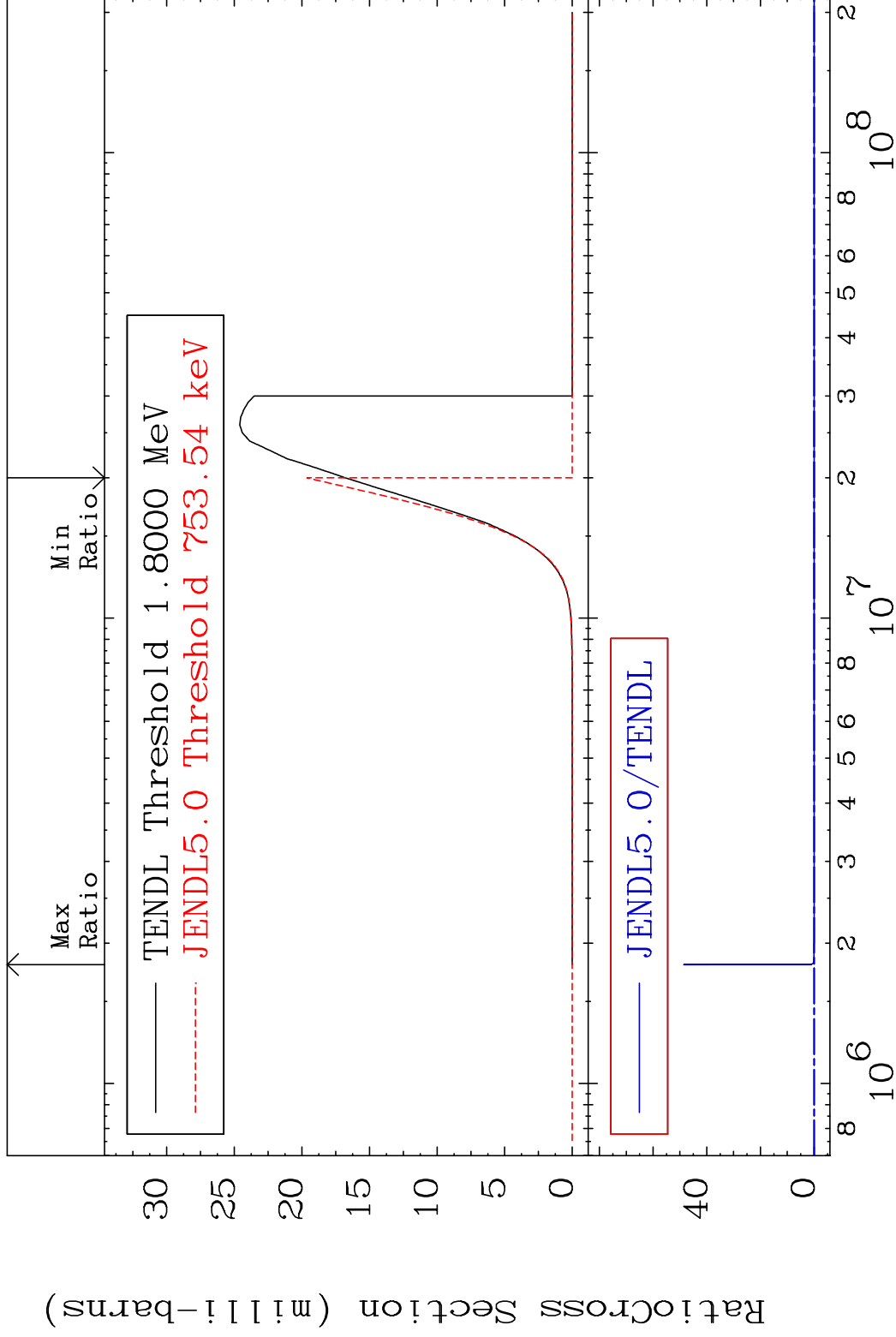
MAT 8231

(n,p)

82-Pb-206

Cross Section

-100.0 To 9999. %



28

Incident Energy (eV)

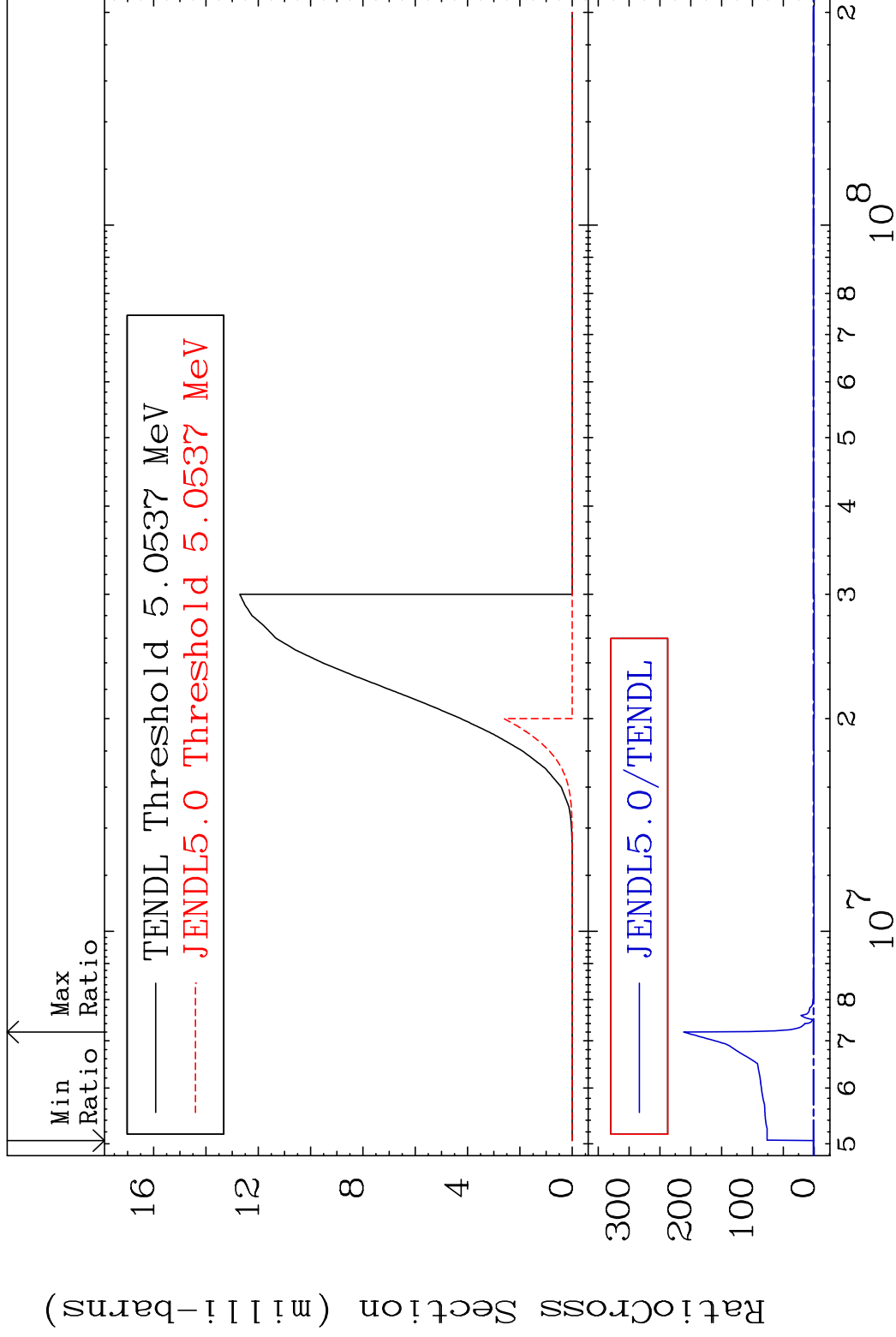
82-Pb-206

MAT 8231

(n,d)

82-Pb-206

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

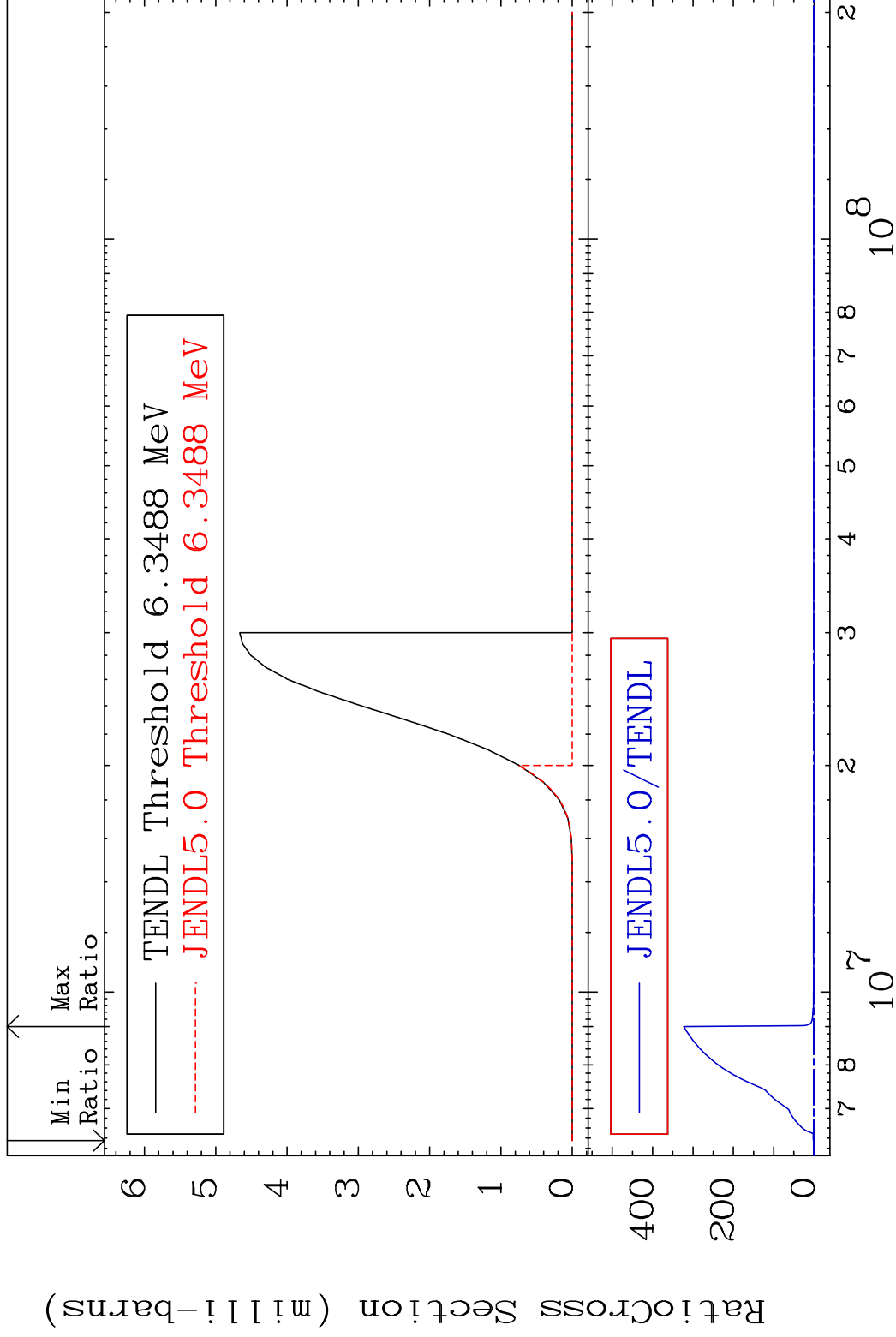
82-Pb-206

MAT 8231

(n, t)

82-Pb-206

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

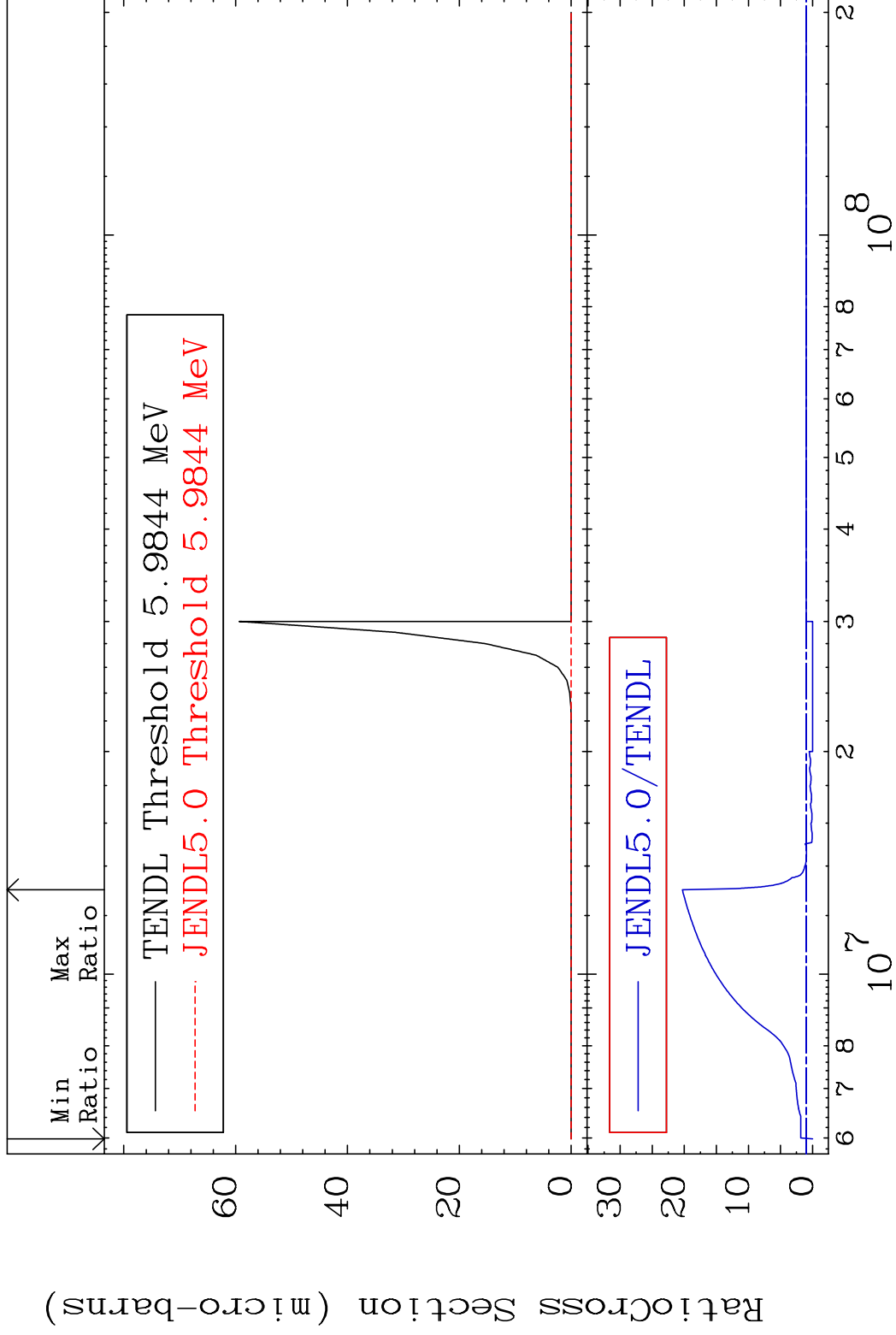
82-Pb-206

MAT 8231

(n, He-3)

82-Pb-206

Cross Section -100.0 To 1930. %



31

Incident Energy (eV)

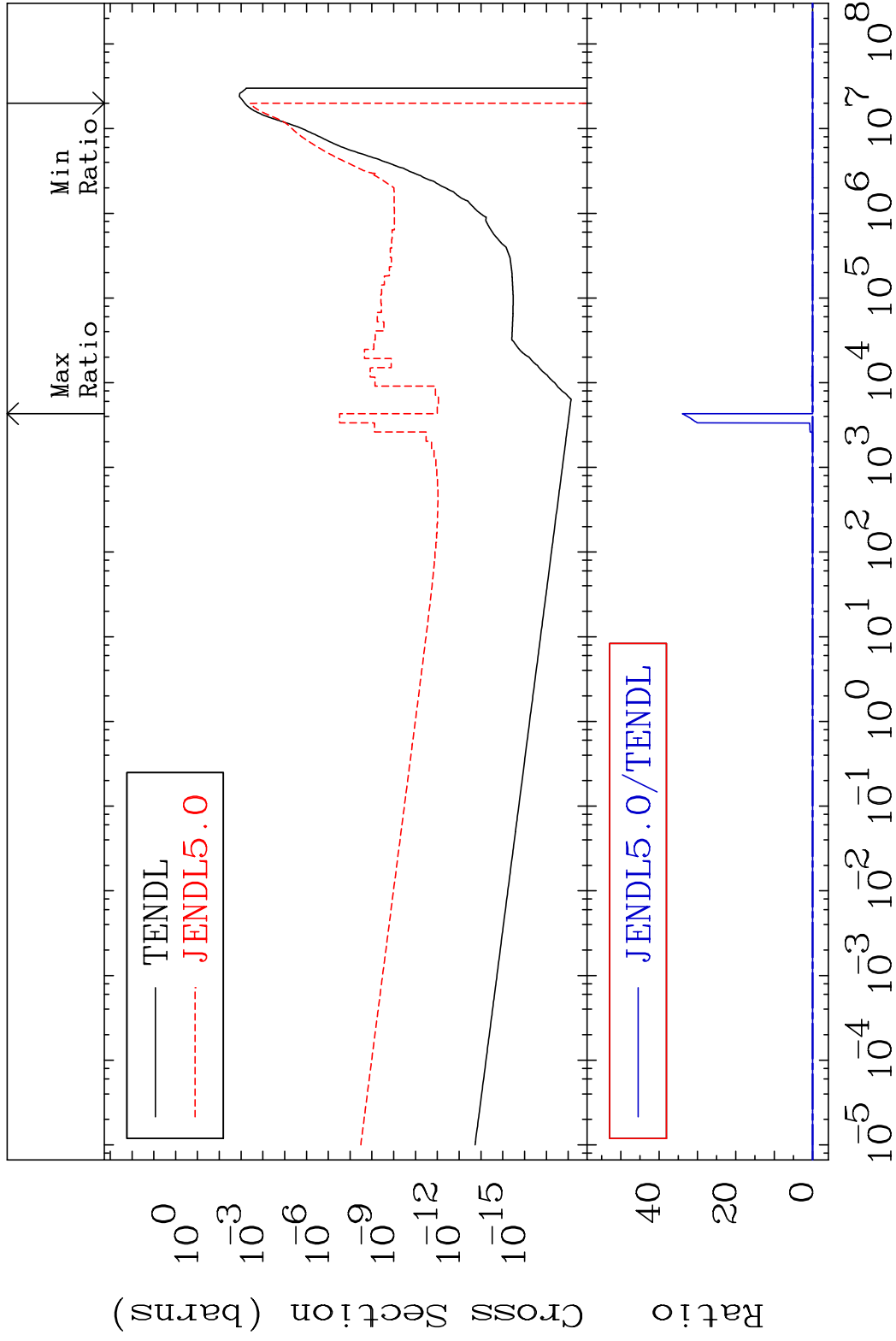
82-Pb-206

MAT 8231

(n, α)

82-Pb-206

Cross Section -100.0 To 9999. %

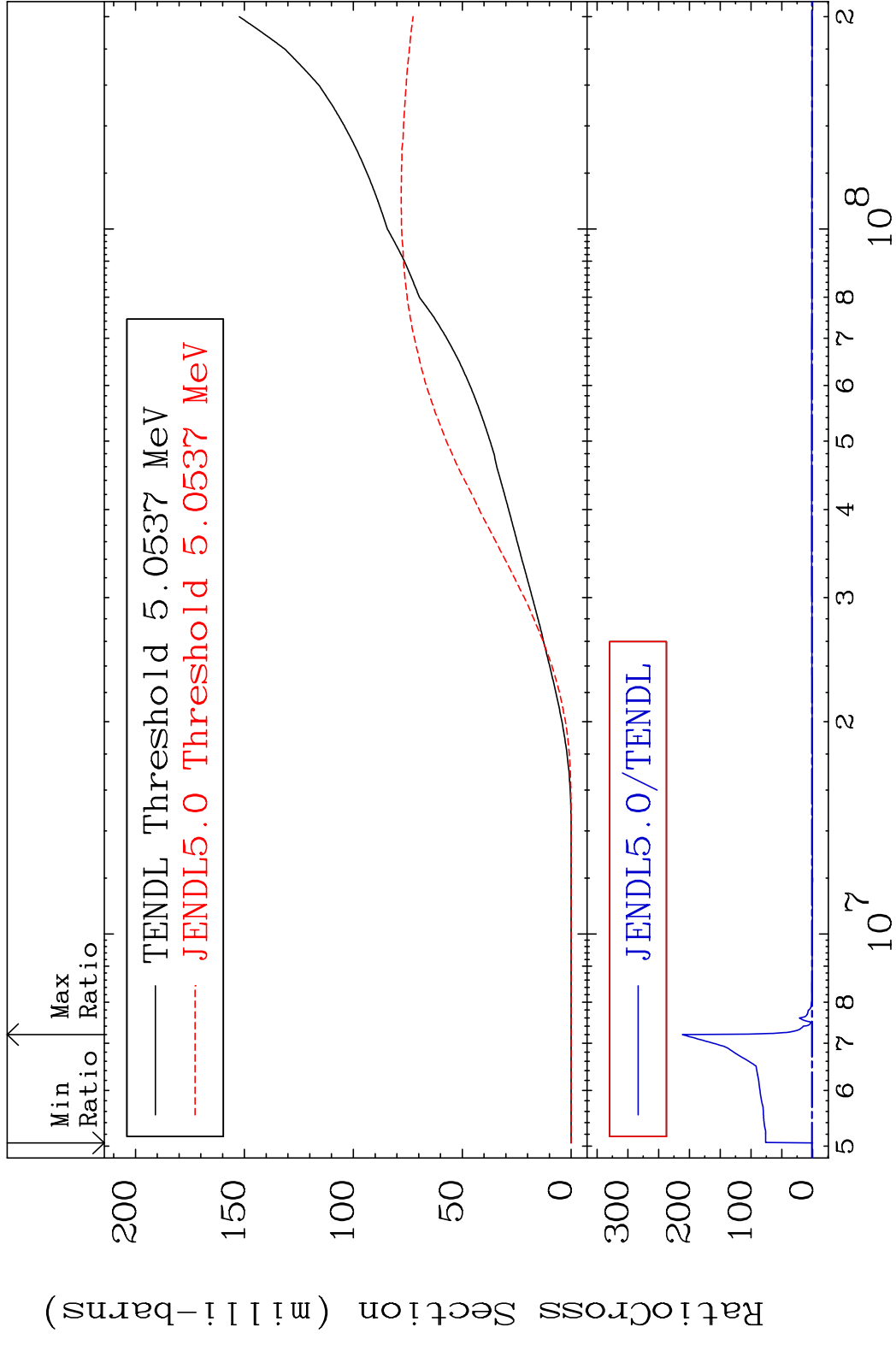


32

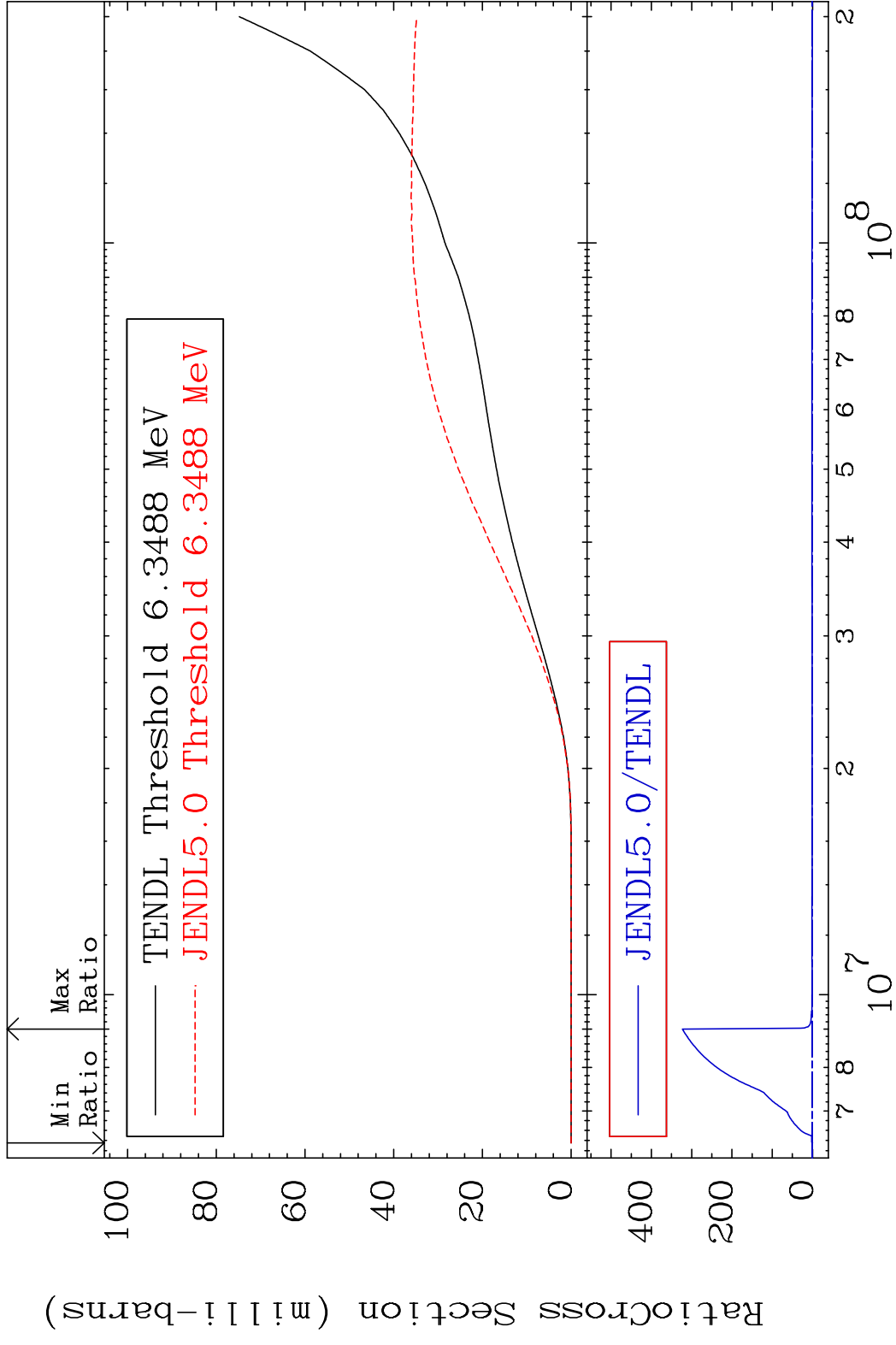
Incident Energy (eV)

82-Pb-206

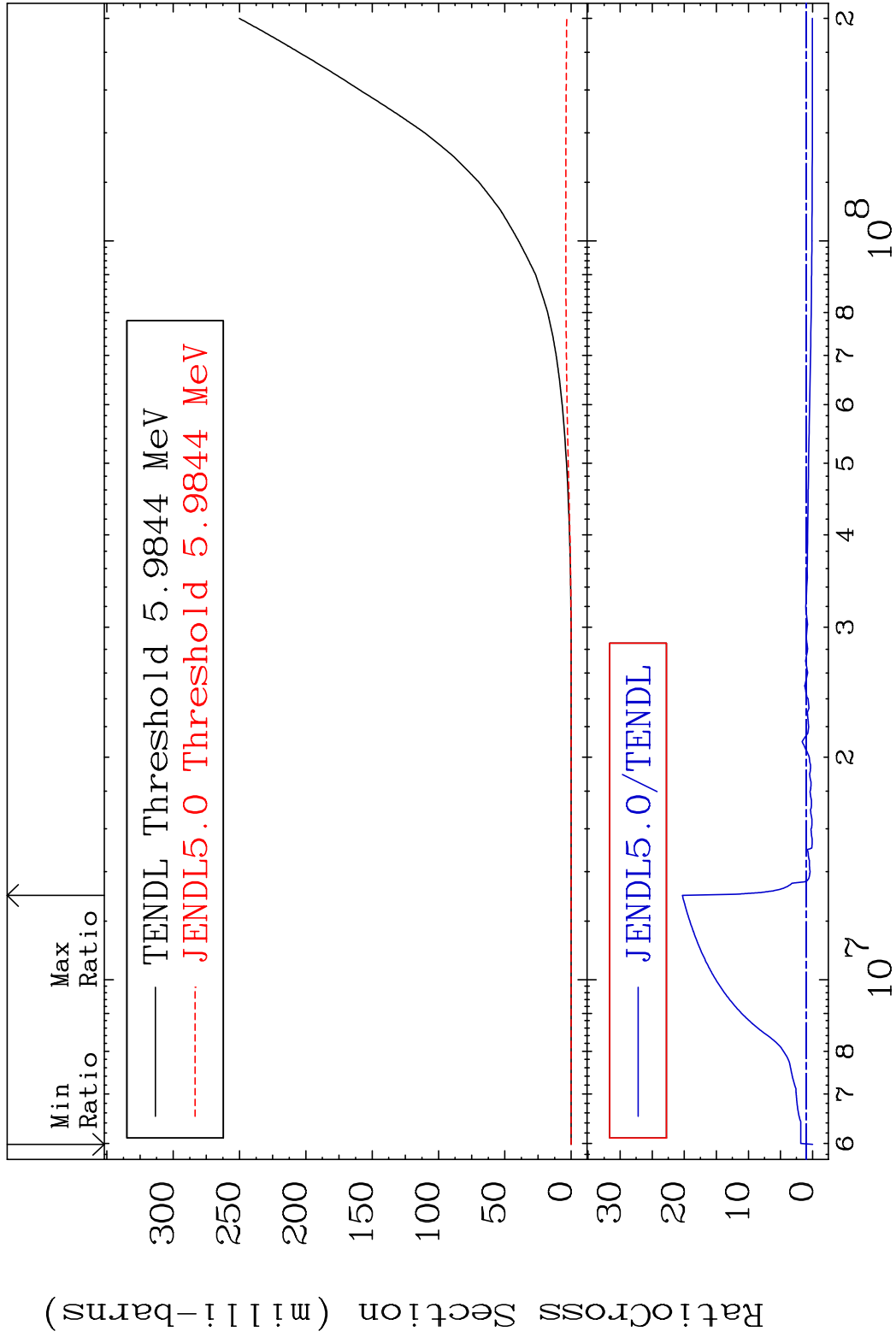
MAT 8231 Deuterium Production 82-Pb-206
 Cross Section -100.0 To 9999. %



MAT 8231 Tritium Production 82-Pb-206
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 1930. %

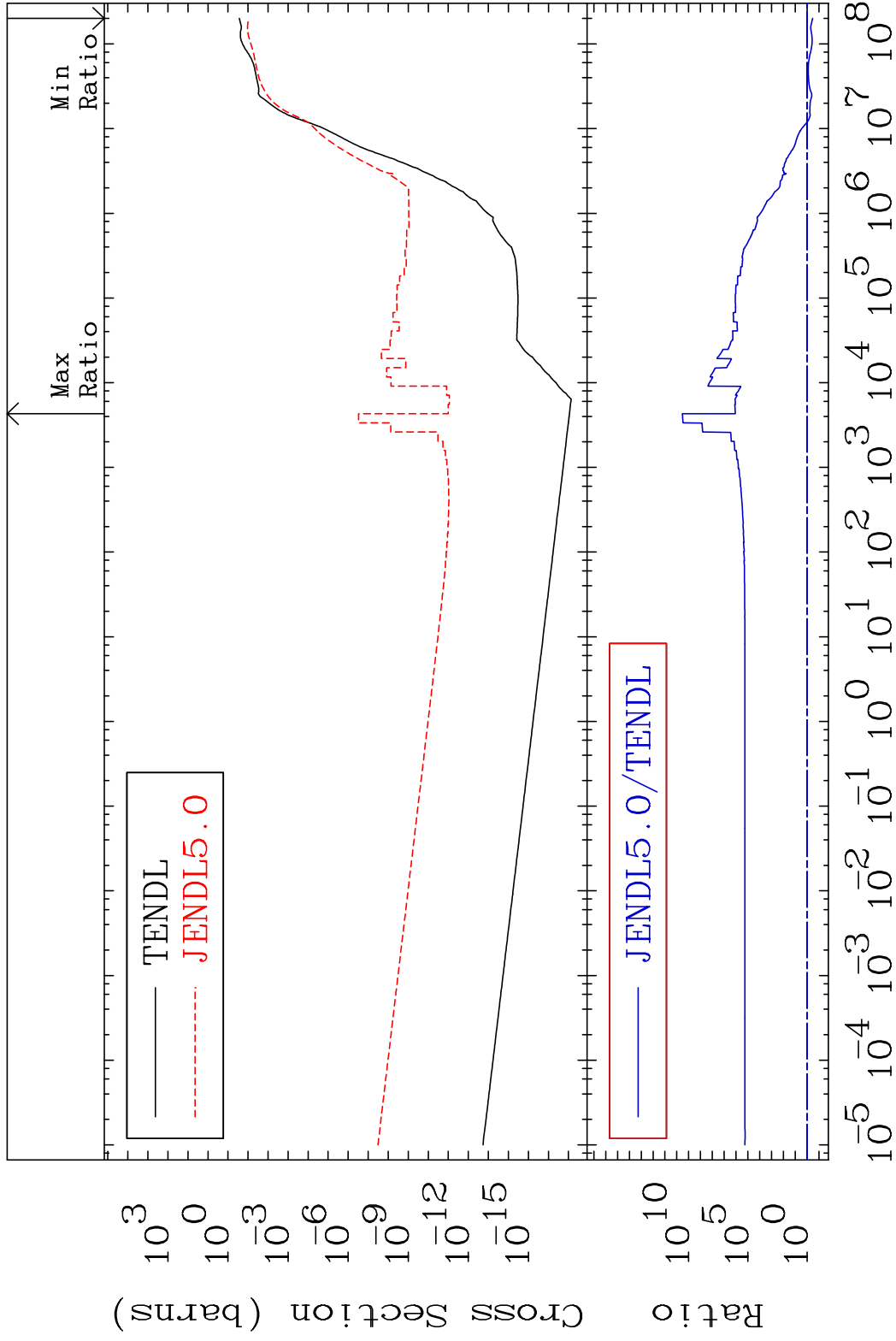


MAT 8231

He-4 Production

82-Pb-206

Cross Section -65.66 To 9999. %

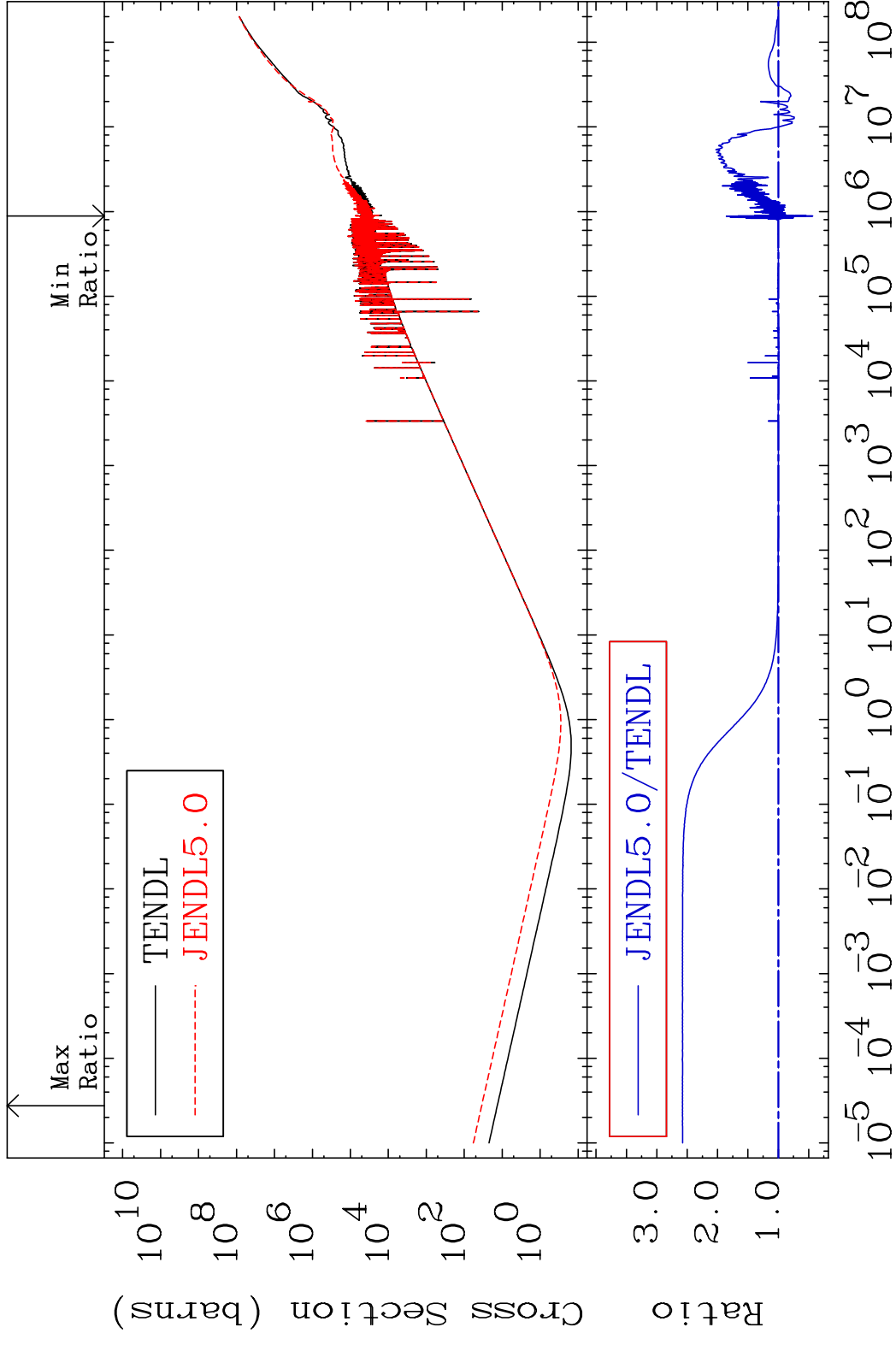


37

Incident Energy (eV)

82-Pb-206

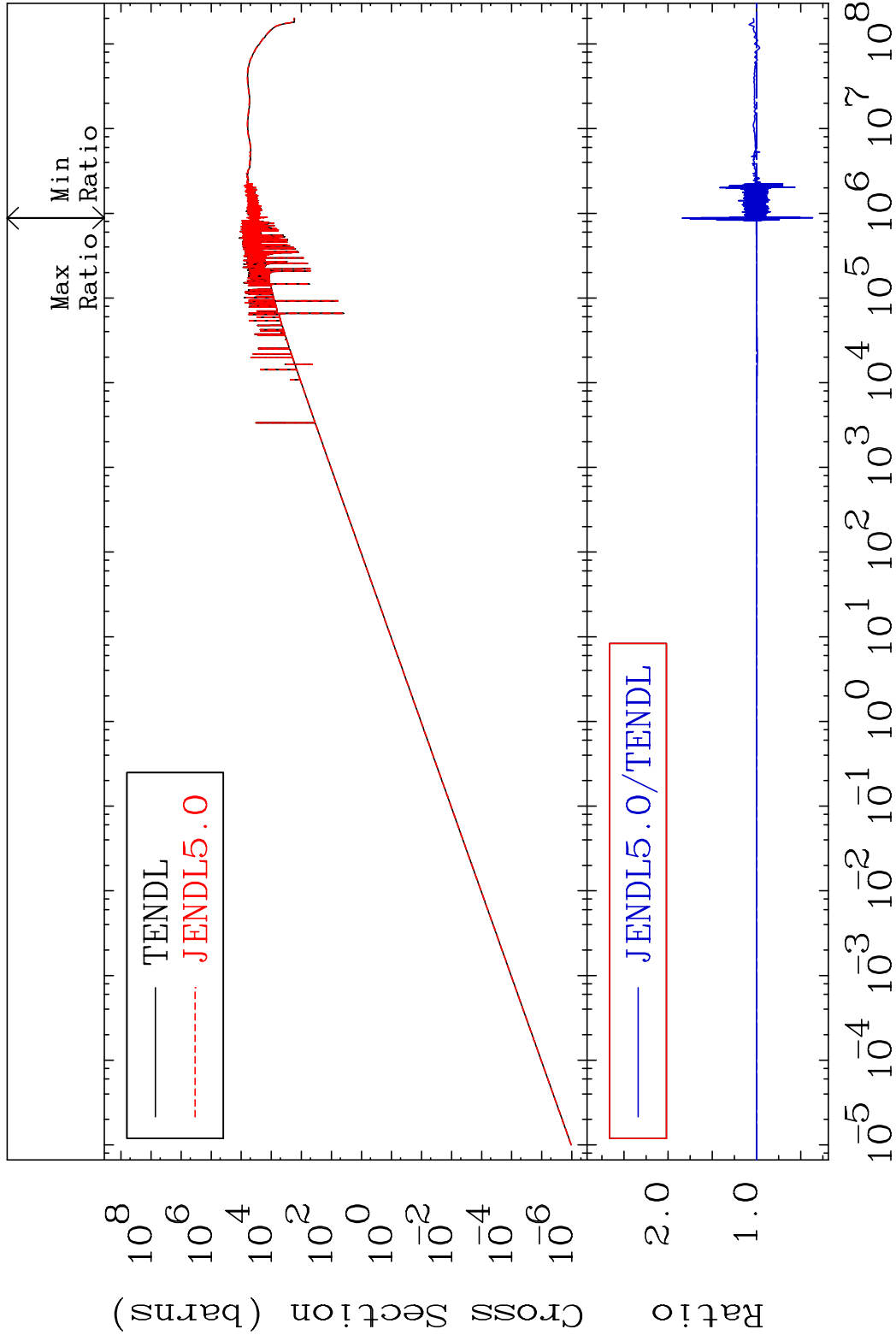
MAT 8231 Kerma total (eV-barns) 82-Pb-206
 Cross Section -56.34 To 157.9 %



MAT 8231

Kerma elastic
Cross Section

82-Pb-206
-63.27 To 83.92 %

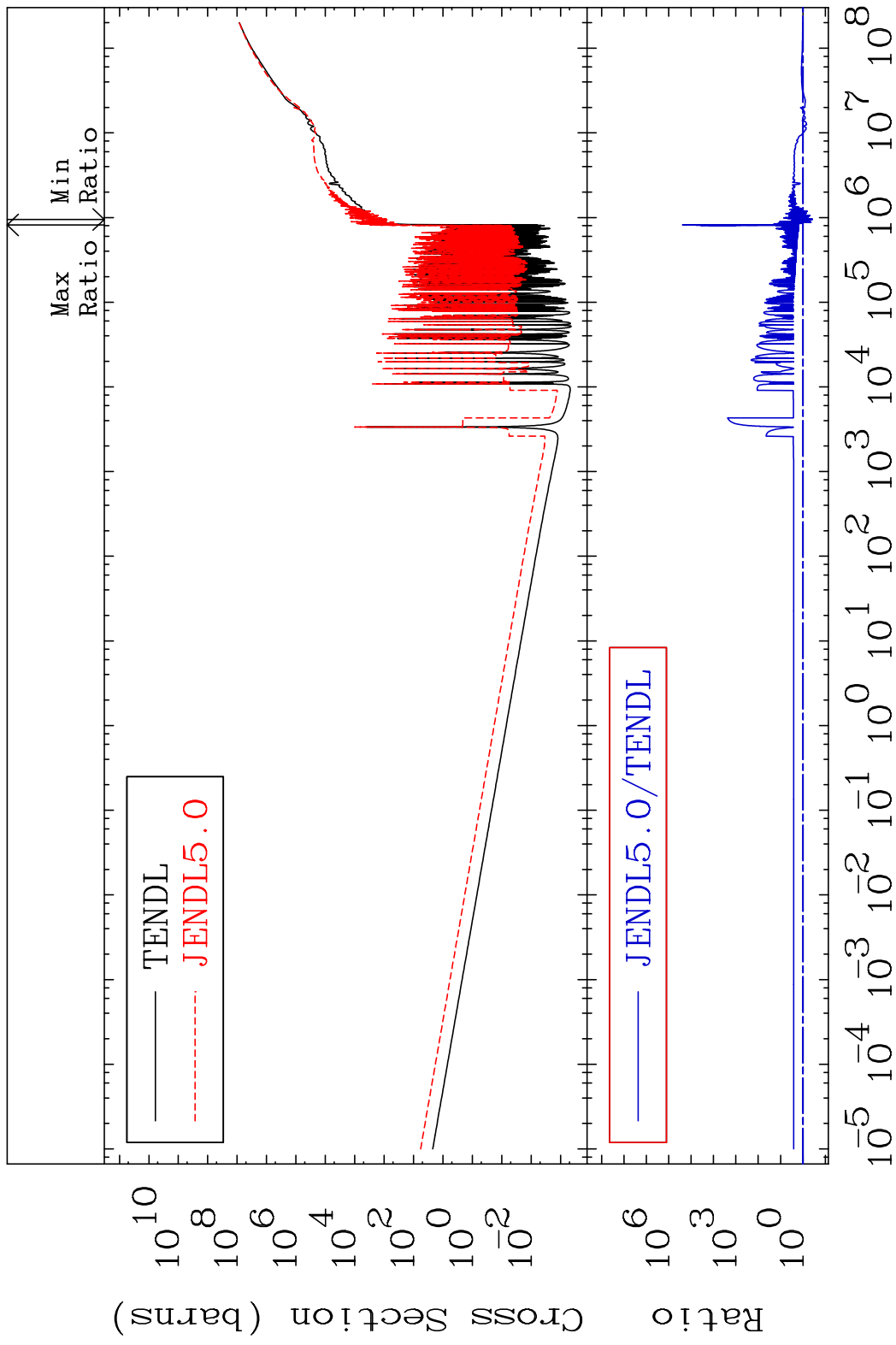


39

Incident Energy (eV)

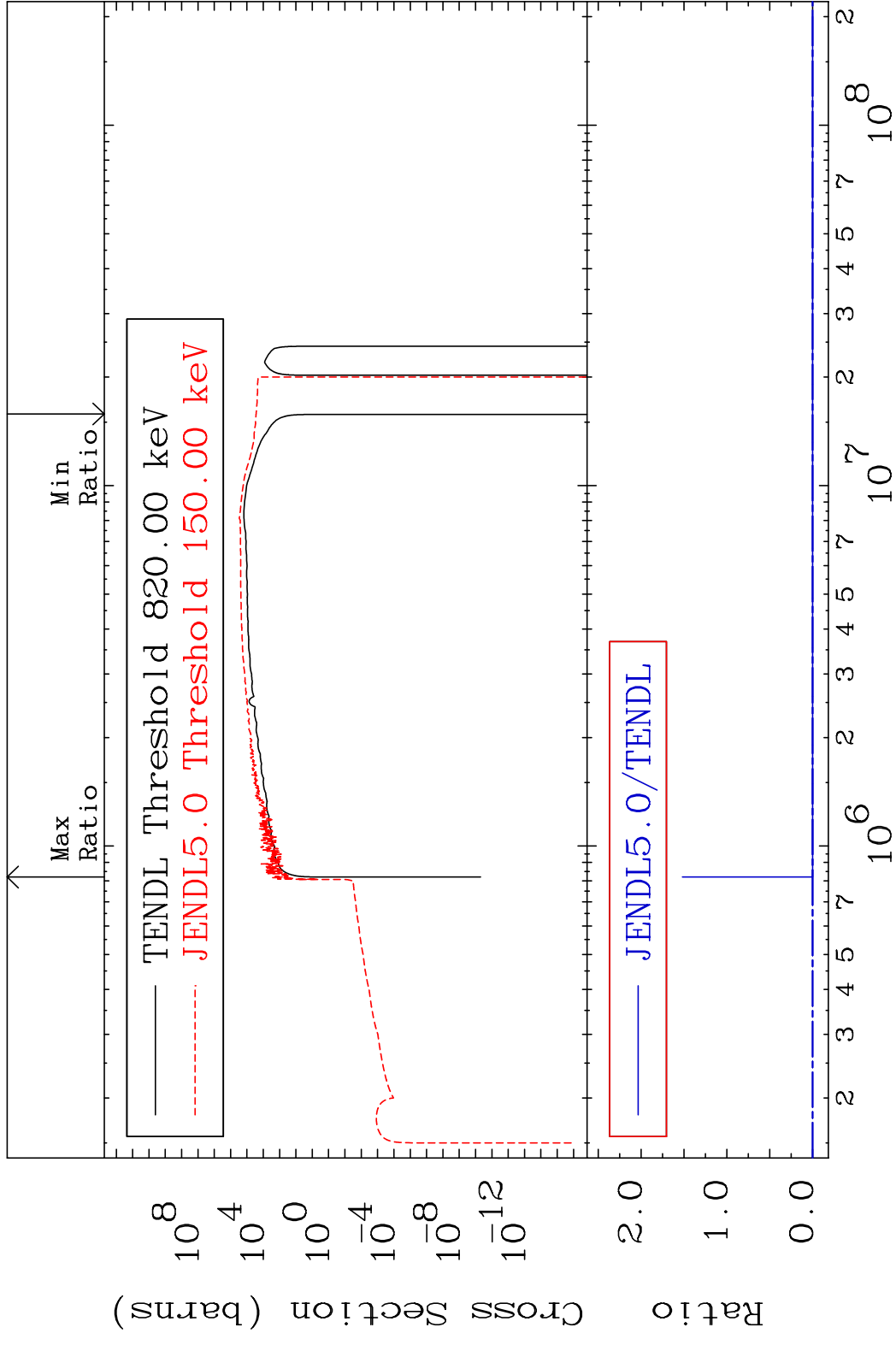
82-Pb-206

MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206
Cross Section -62.79 To 9999. %

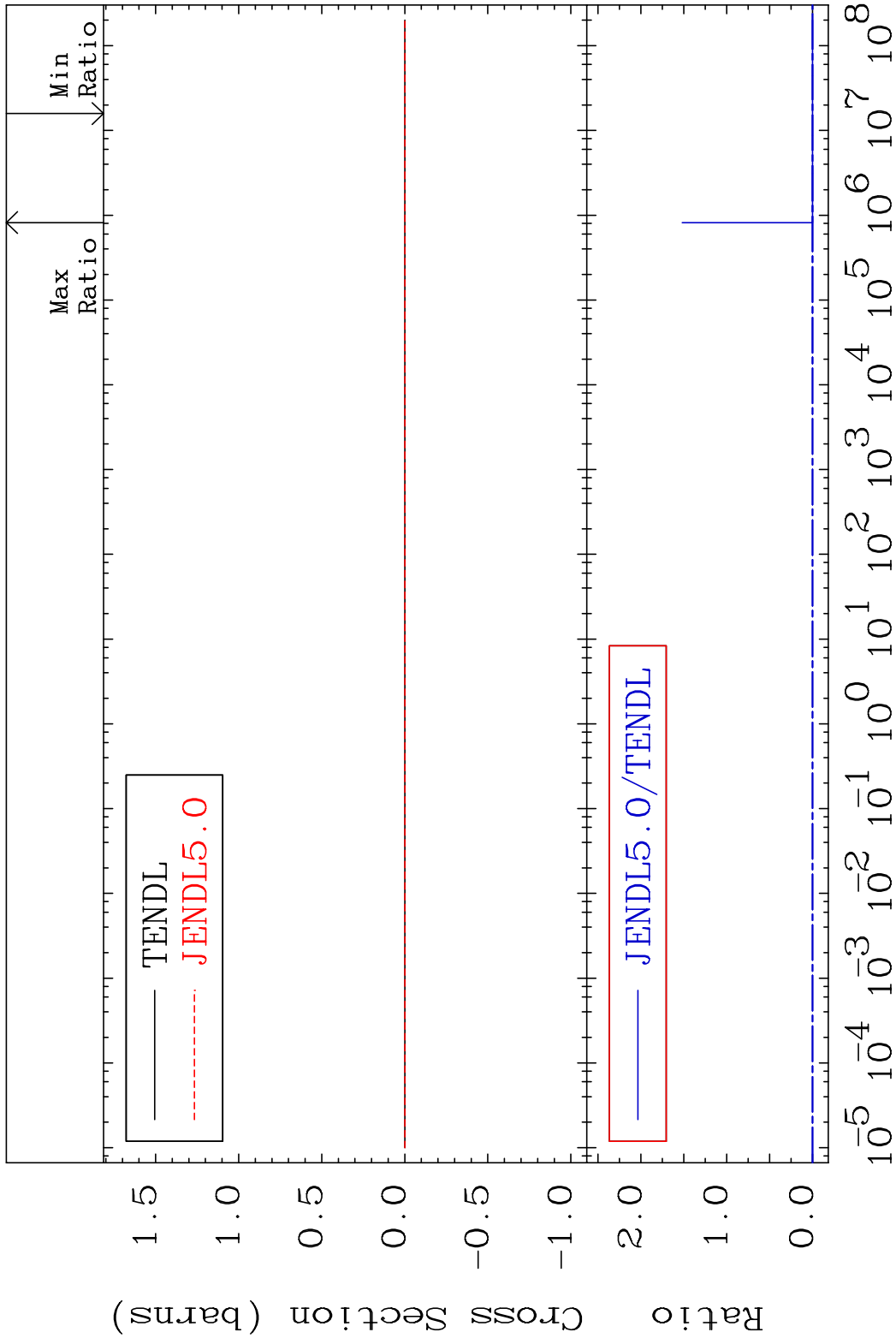


40 Incident Energy (eV) 82-Pb-206

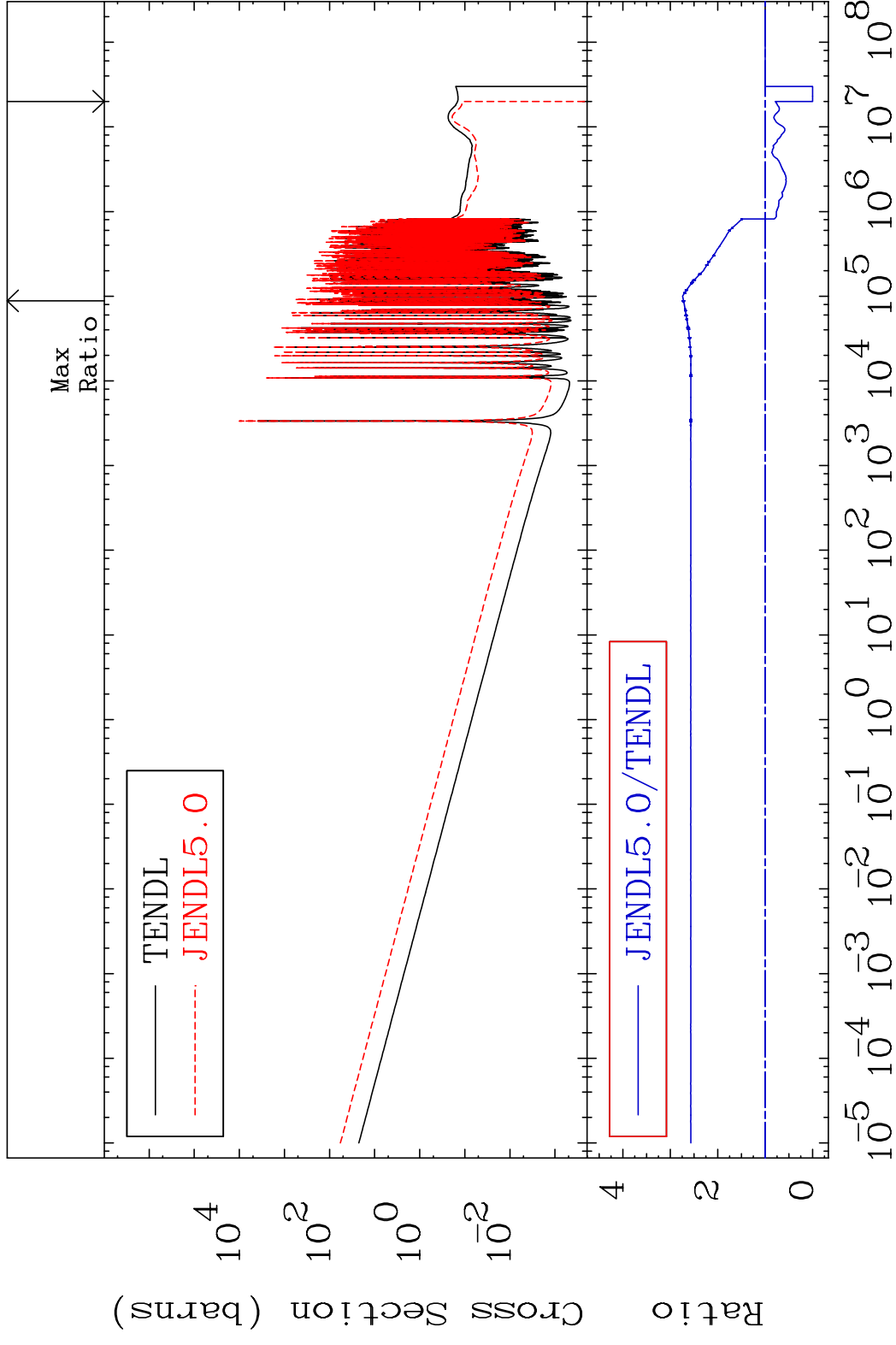
MAT 8231 Kerma inelastic (mt51-91) 82-Pb-206
 Cross Section -9999. To 9999. %



MAT 8231 Kerma fission (mt18 or mt19-20-21-38)82-Pb-206
 Cross Section -9999. To 9999. %

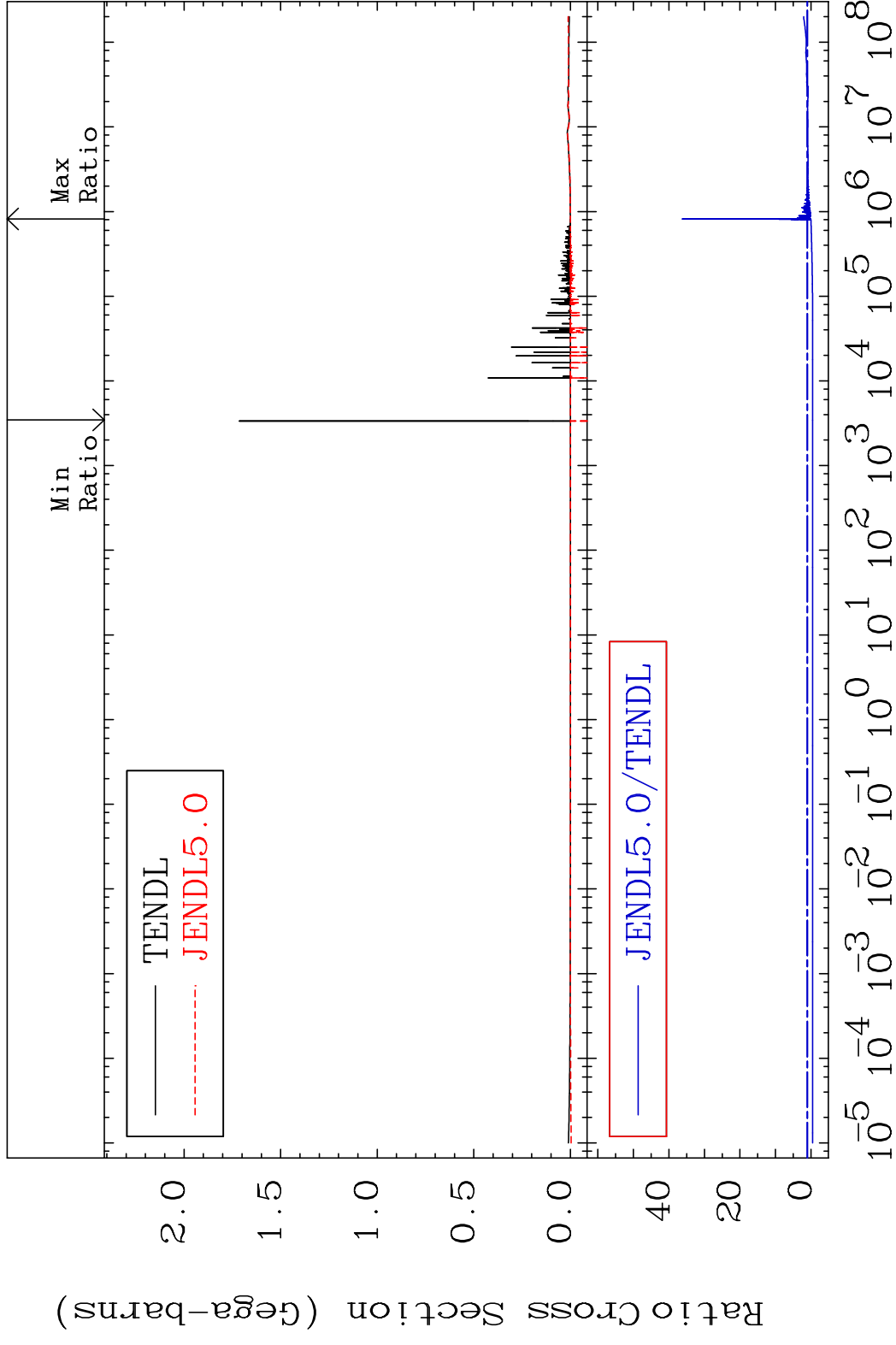


MAT 8231 Kerma capture (mt102) 82-Pb-206
 Cross Section -100.0 To 174.5 %

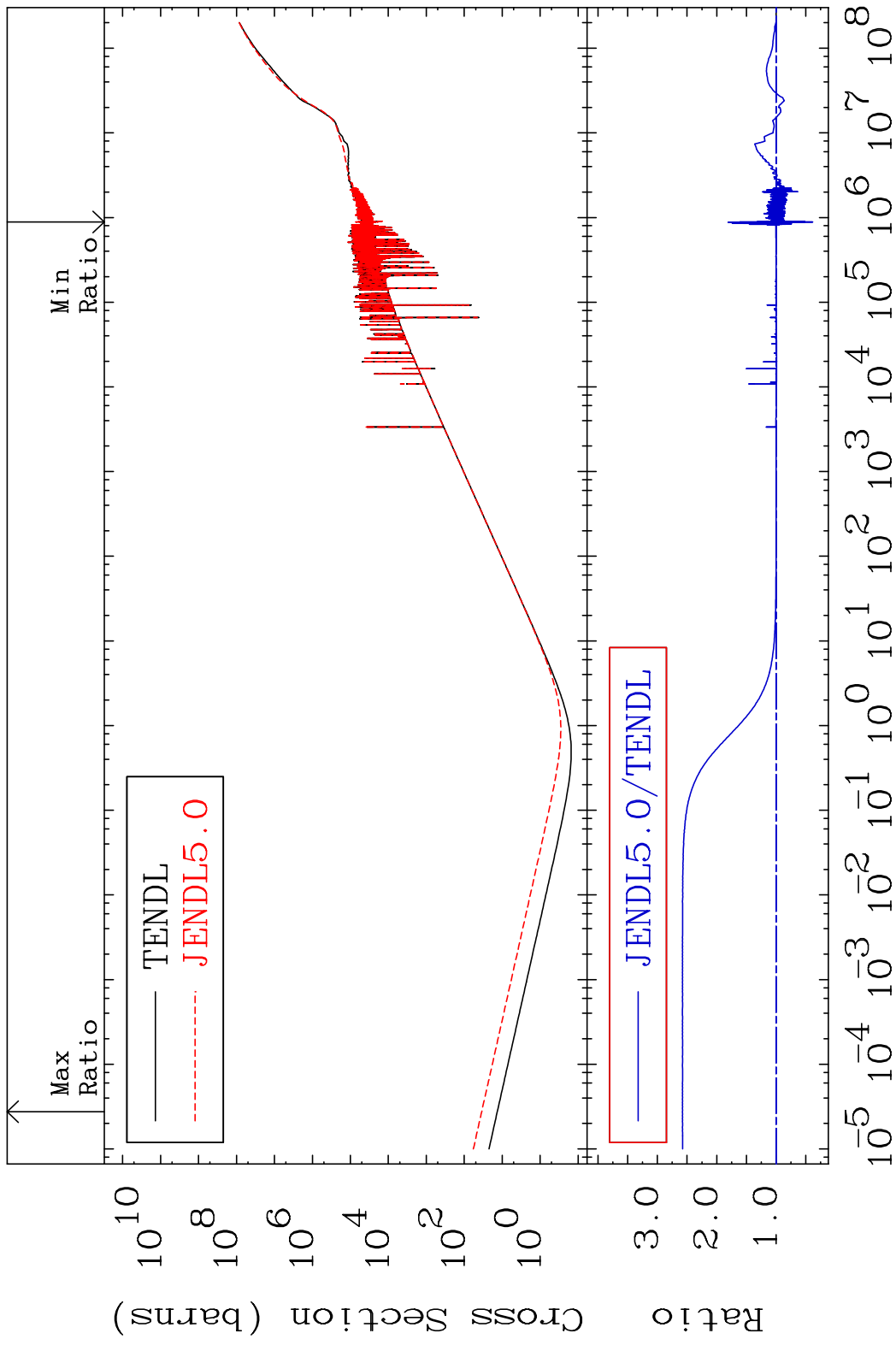


43 Incident Energy (eV) 82-Pb-206

MAT 8231 Total photon (eV-barns) 82-Pb-206
 Cross Section -143.4 To 3522. %



MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
Cross Section -61.30 To 157.9 %

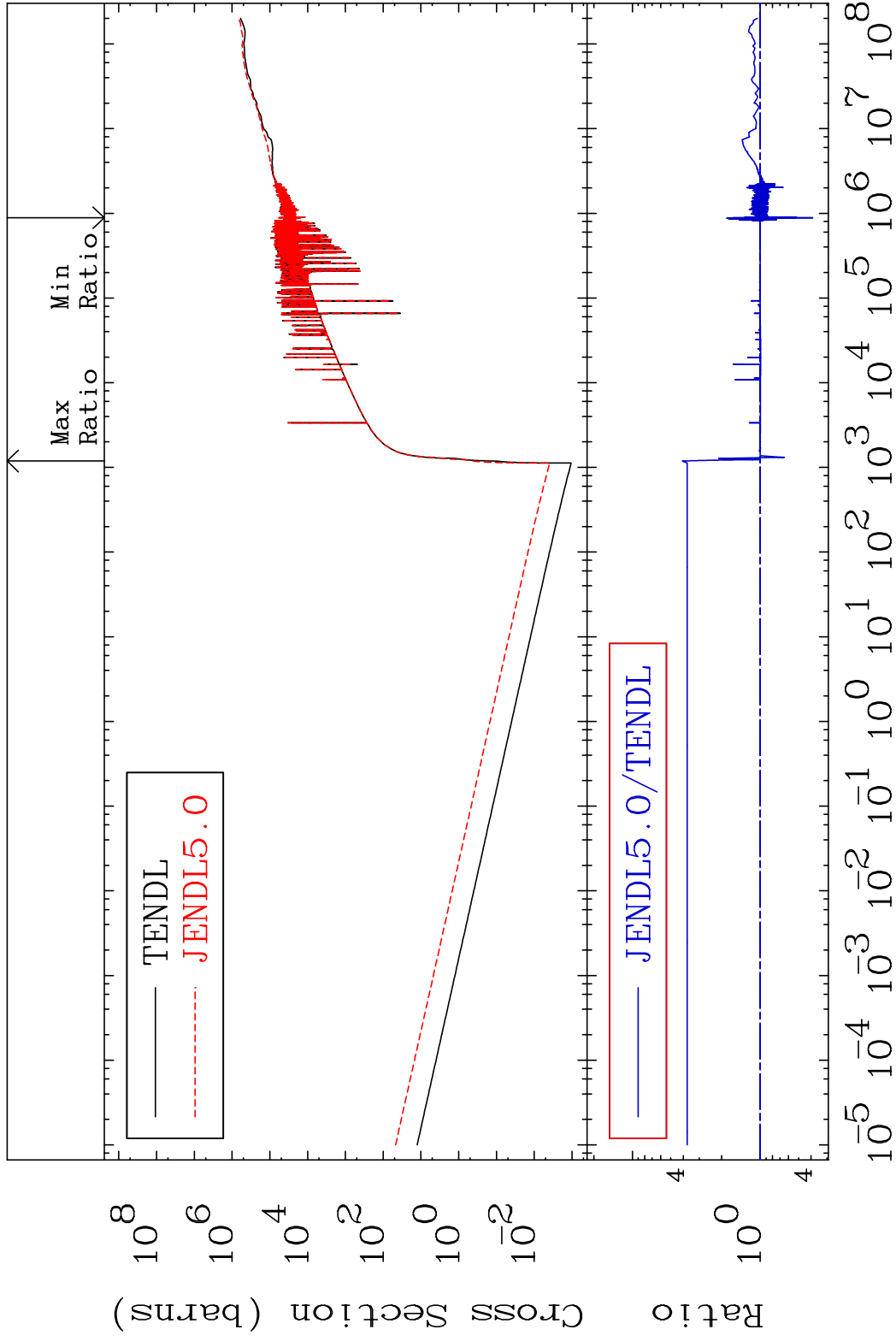


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -61.08 To 306.2 %



46

Incident Energy (eV)

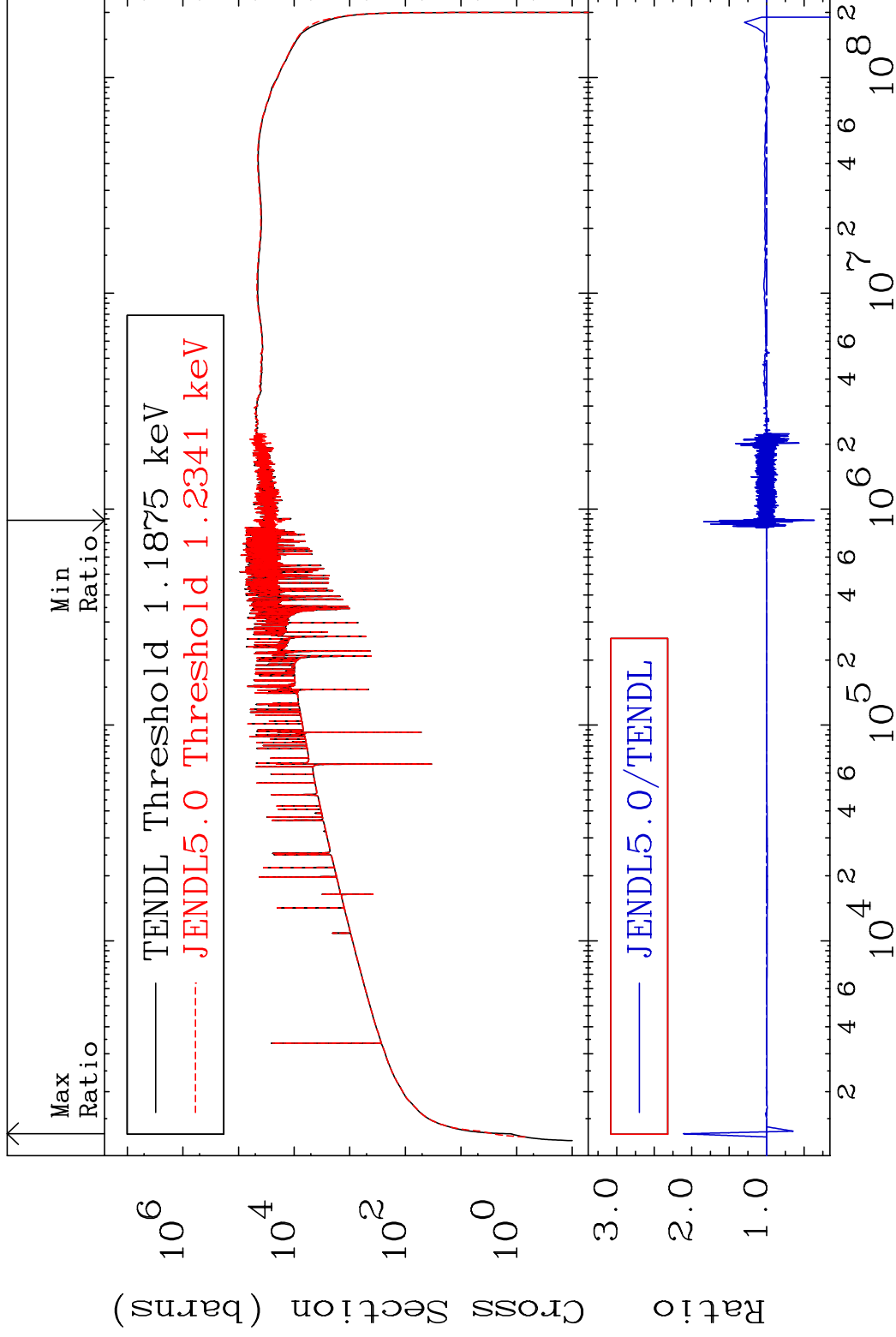
82-Pb-206

MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section -63.26 To 110.8 %

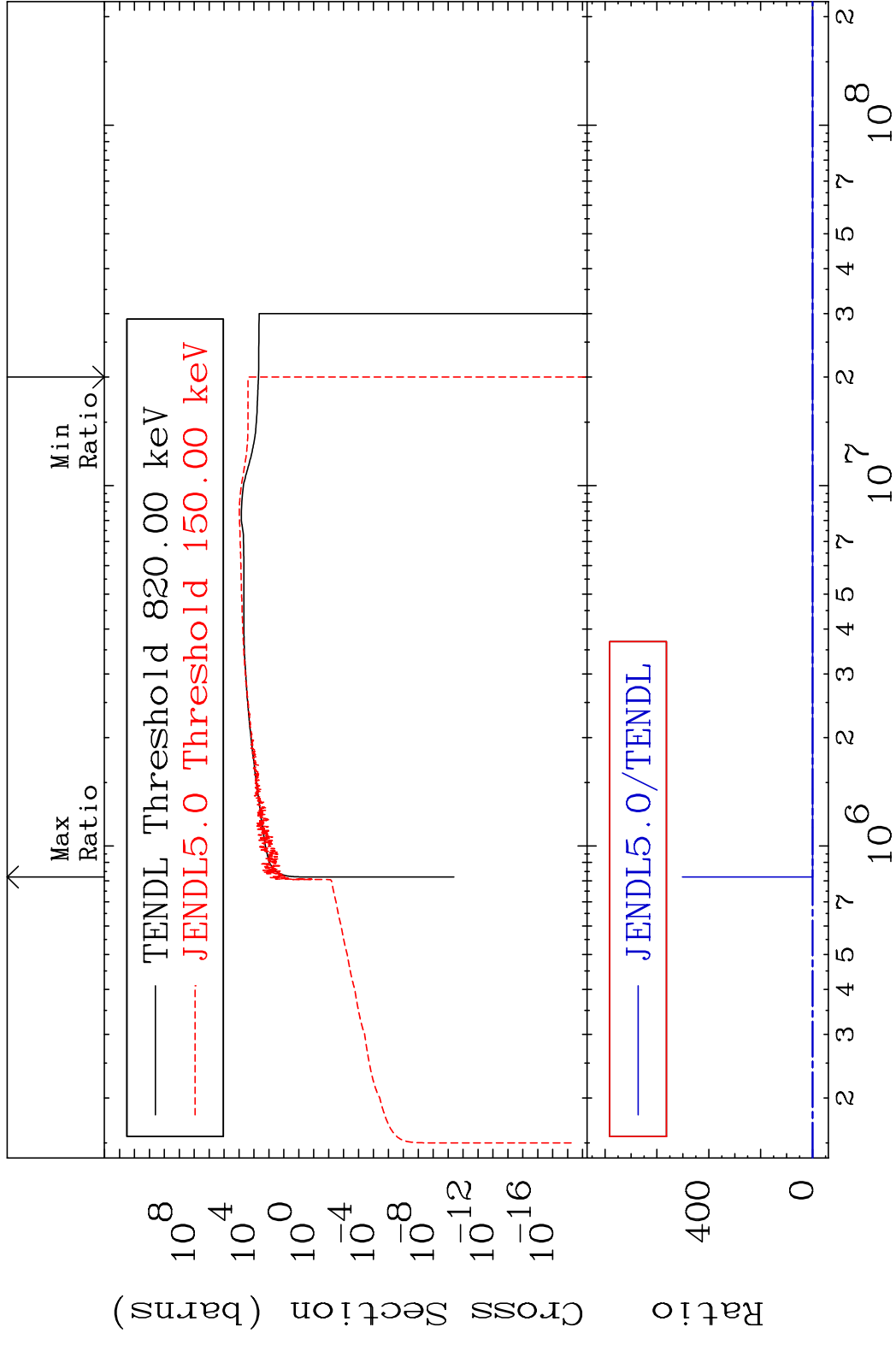


47

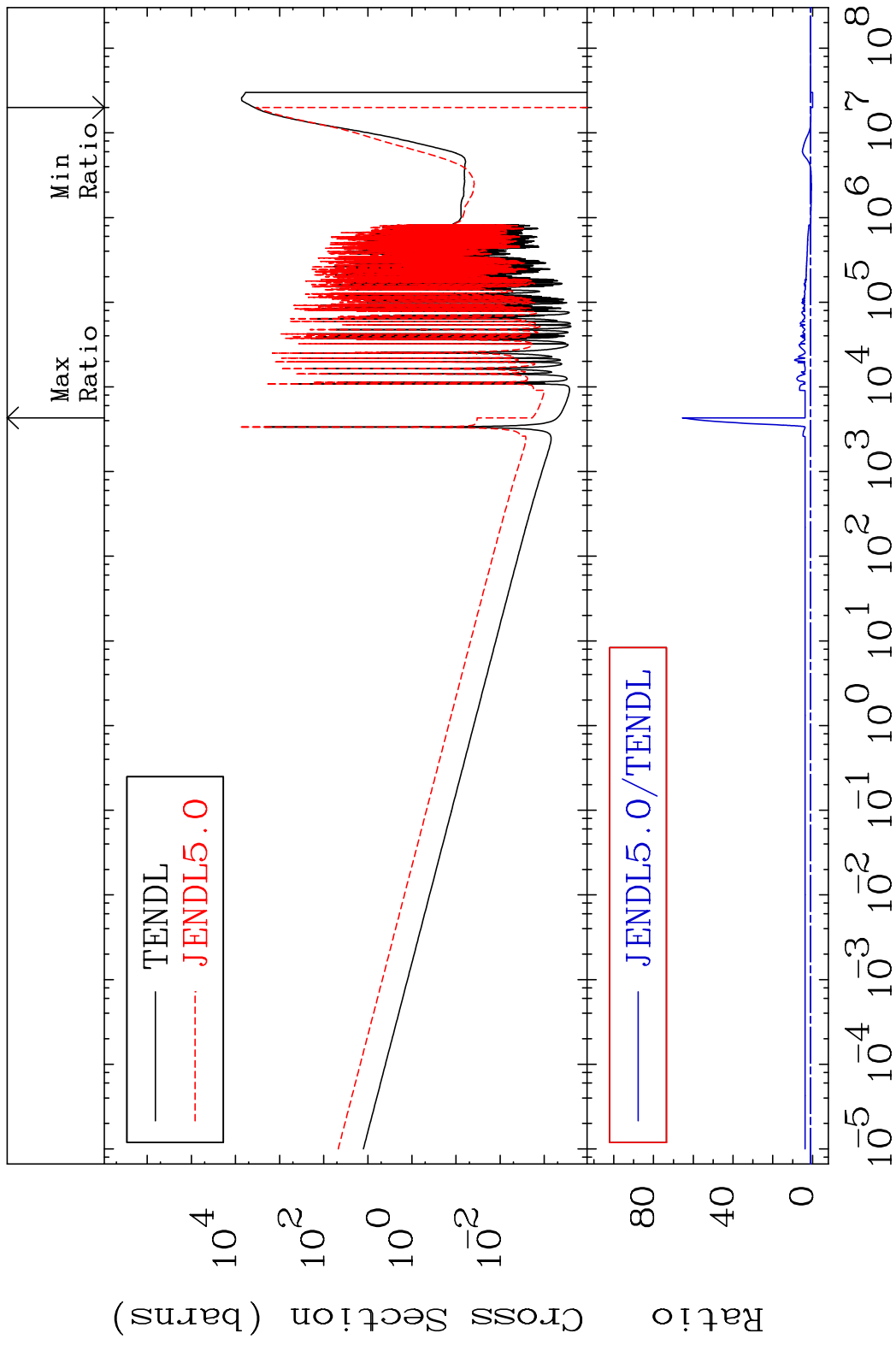
Incident Energy (eV)

82-Pb-206

MAT 8231 Dpa inelastic (mt51-91) 82-Pb-206
 Cross Section -100.0 To 9999. %

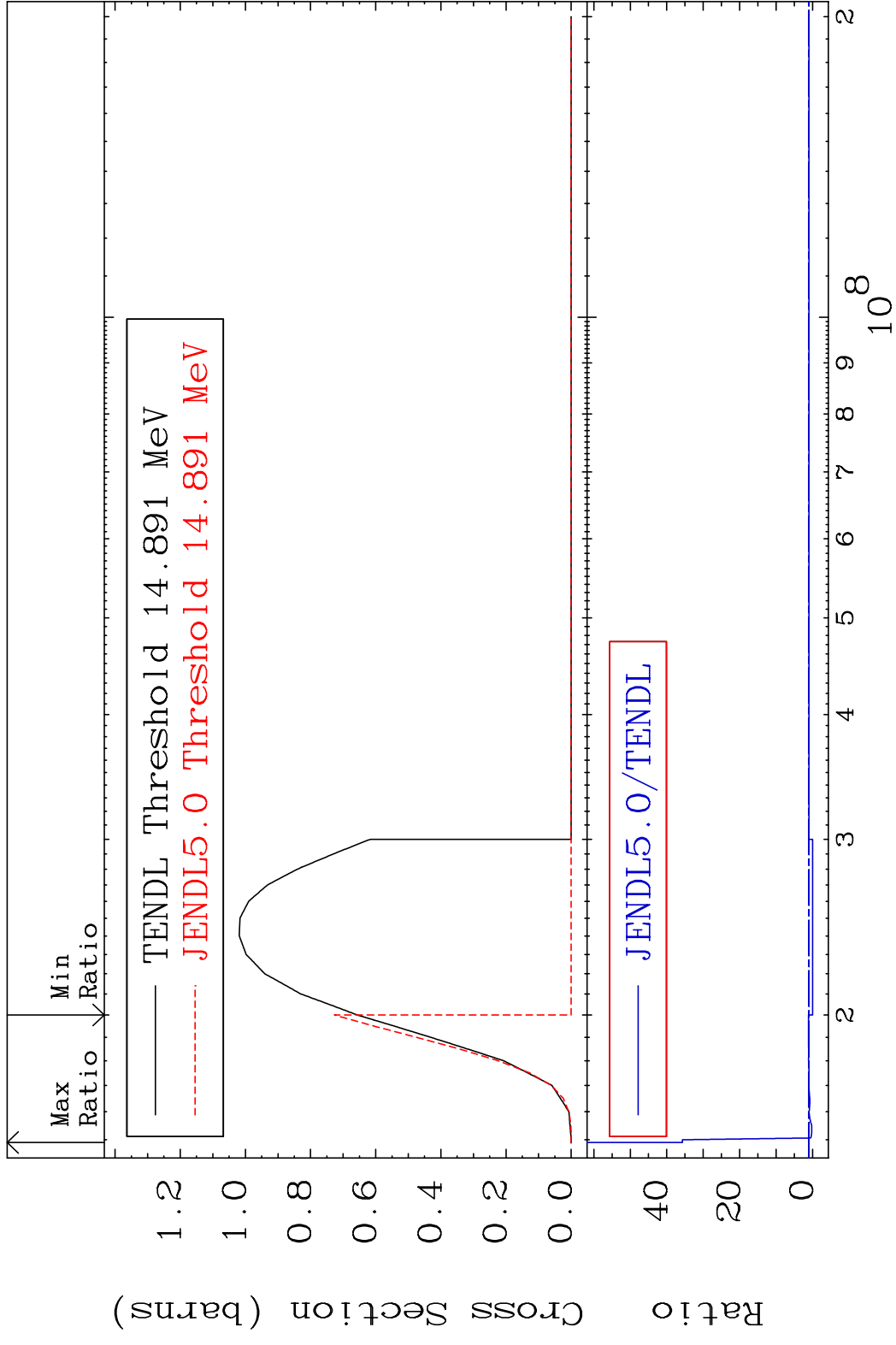


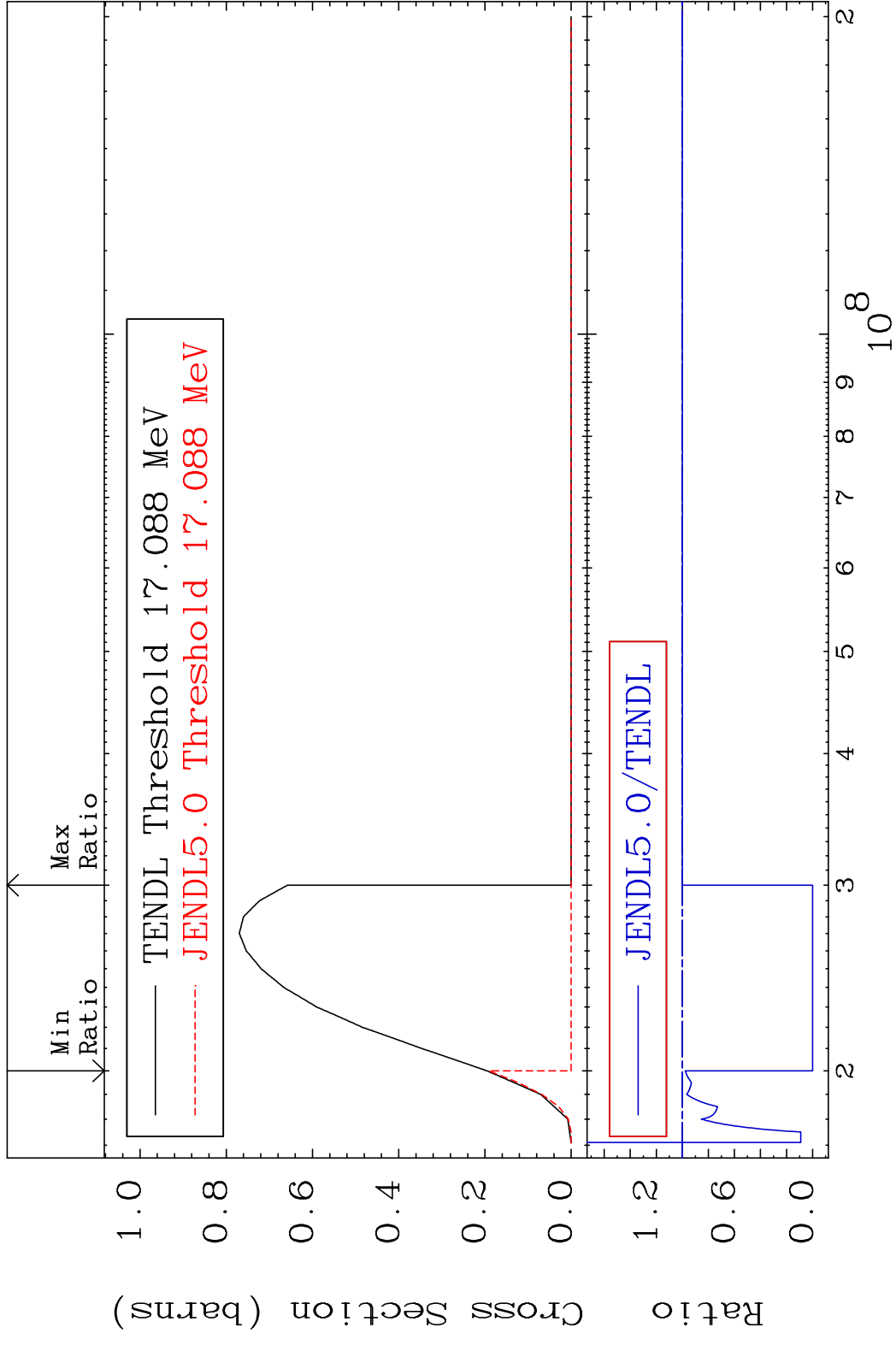
MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
 Cross Section -100.0 To 6450. %



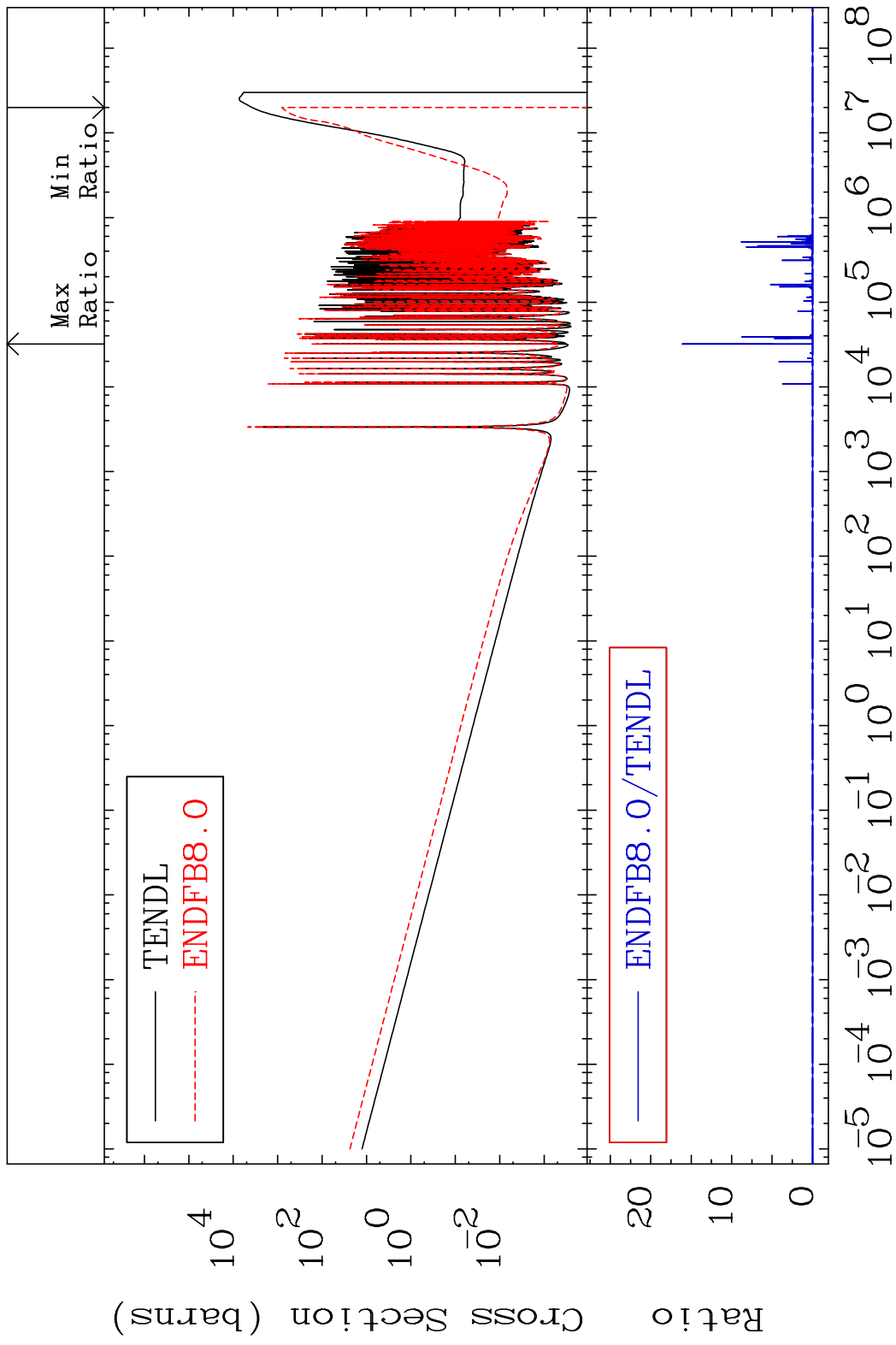
49 Incident Energy (eV) 82-Pb-206

MAT 8231 (n,3n):82-Pb-204g 82-Pb-206
 Radionuclide Production Cross Section Ratio 3472. %





MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
 Cross Section -100.0 To 9999. %



MAT 8231 (n,3n):82-Pb-204g 82-Pb-206
 Radionuclide Production Cross Section Ratio 24.19 %

