

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

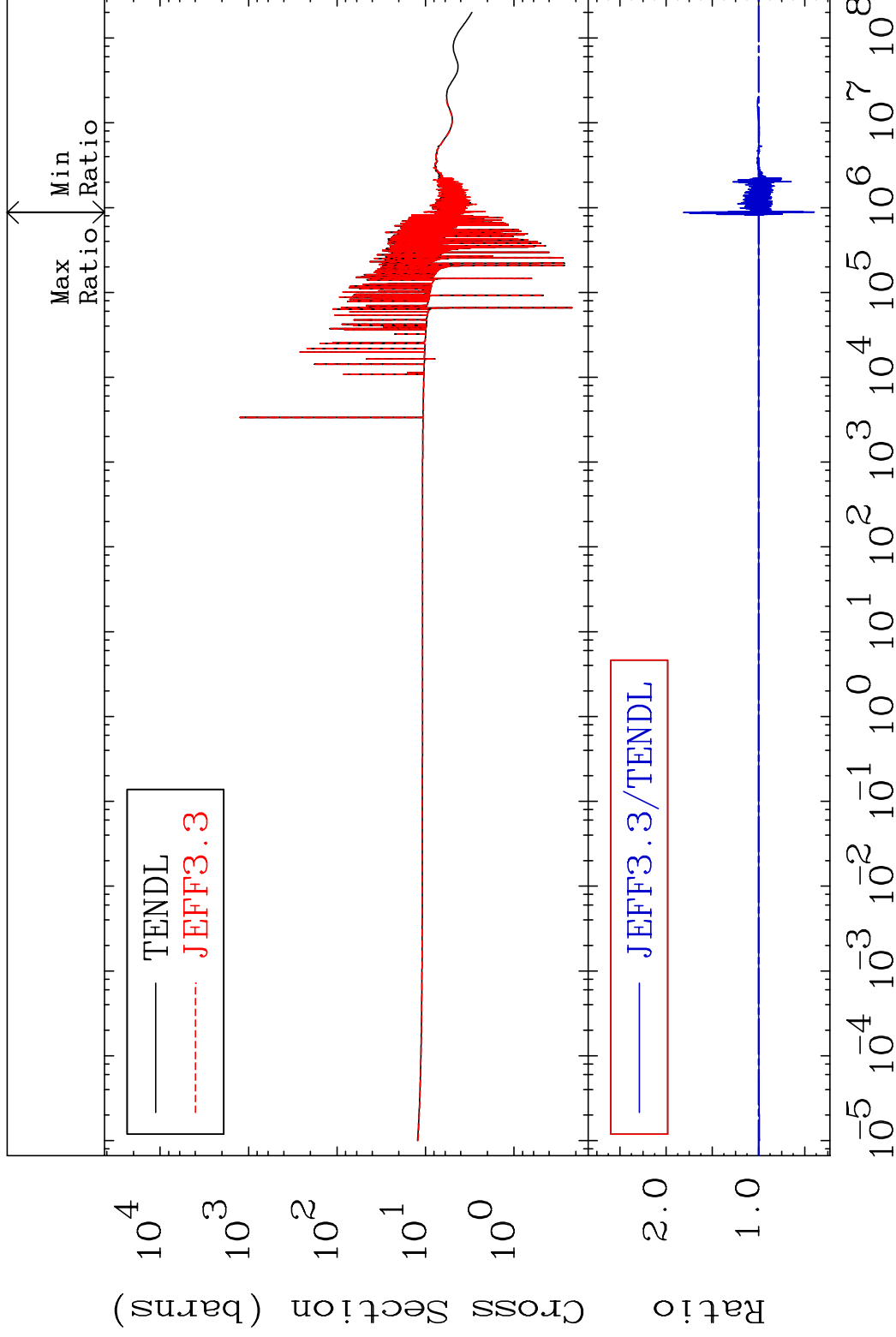
MAT 8231

Total

82-Pb-206

Cross Section

-60.10 To 81.04 %



1

Incident Energy (eV)

82-Pb-206

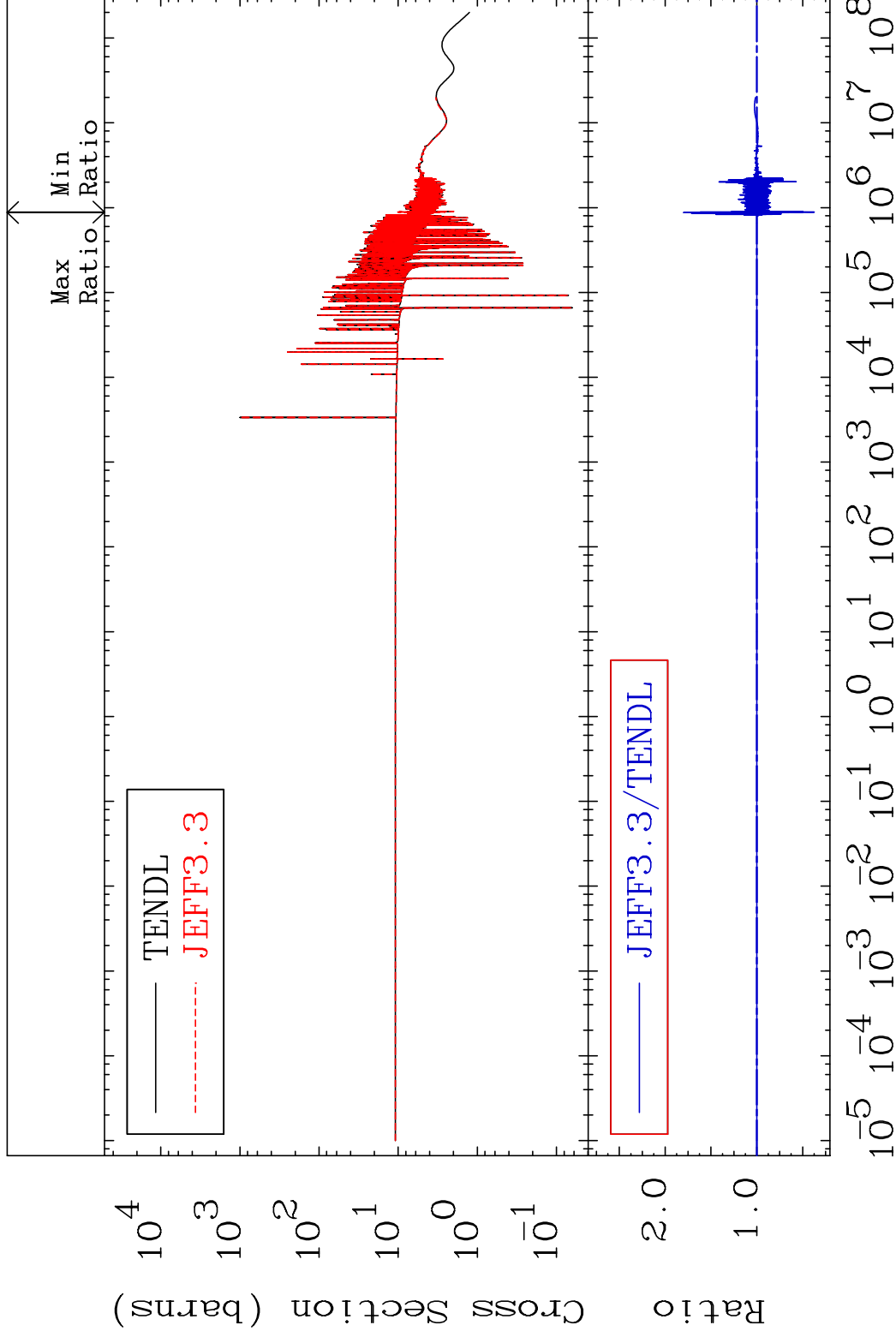
MAT 8231

Elastic

82-Pb-206

Cross Section

-62.53 To 79.83 %



2

Incident Energy (eV)

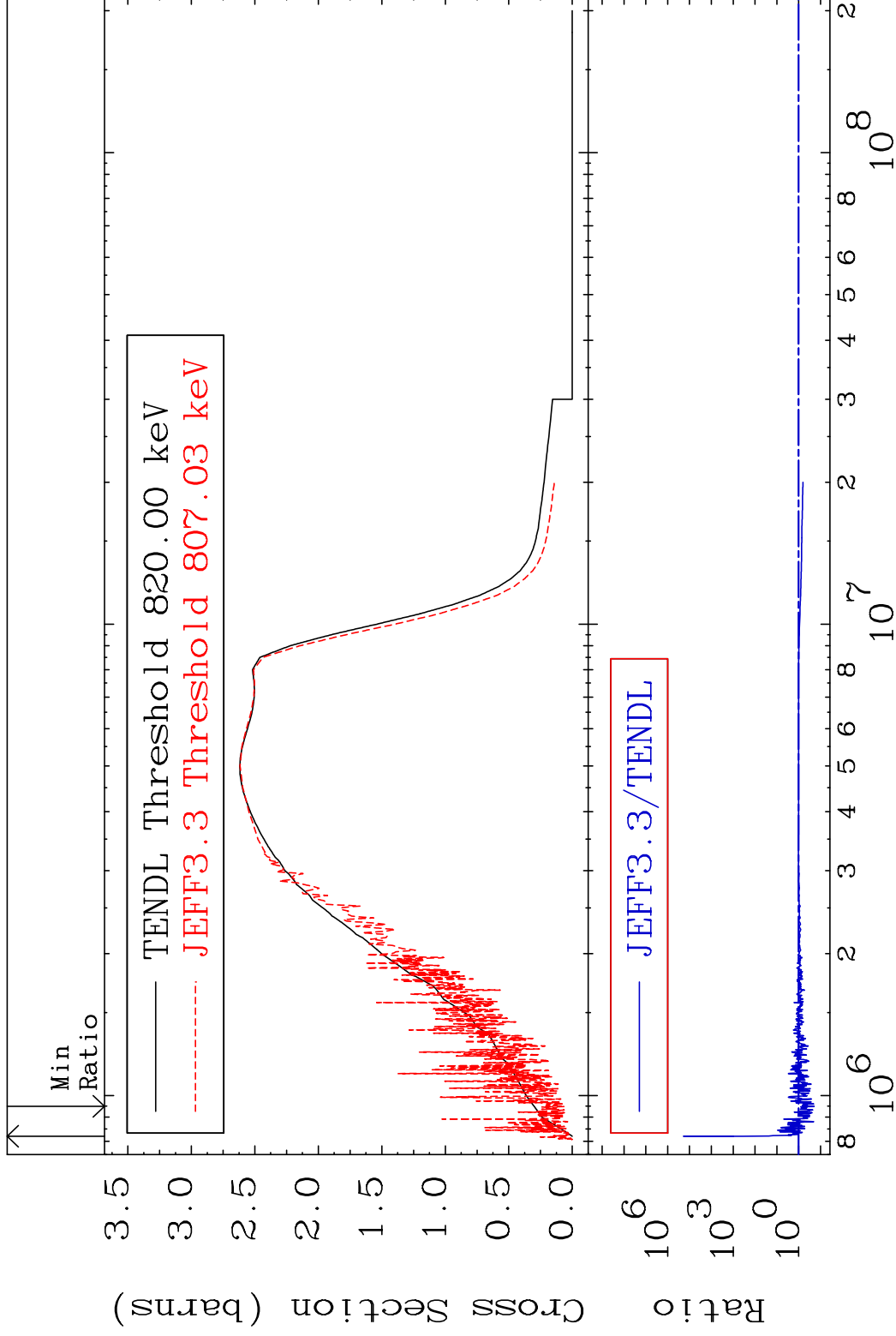
82-Pb-206

MAT 8231

Inelastic

82-Pb-206

Cross Section -80.41 To 9999. %



3

Incident Energy (eV)

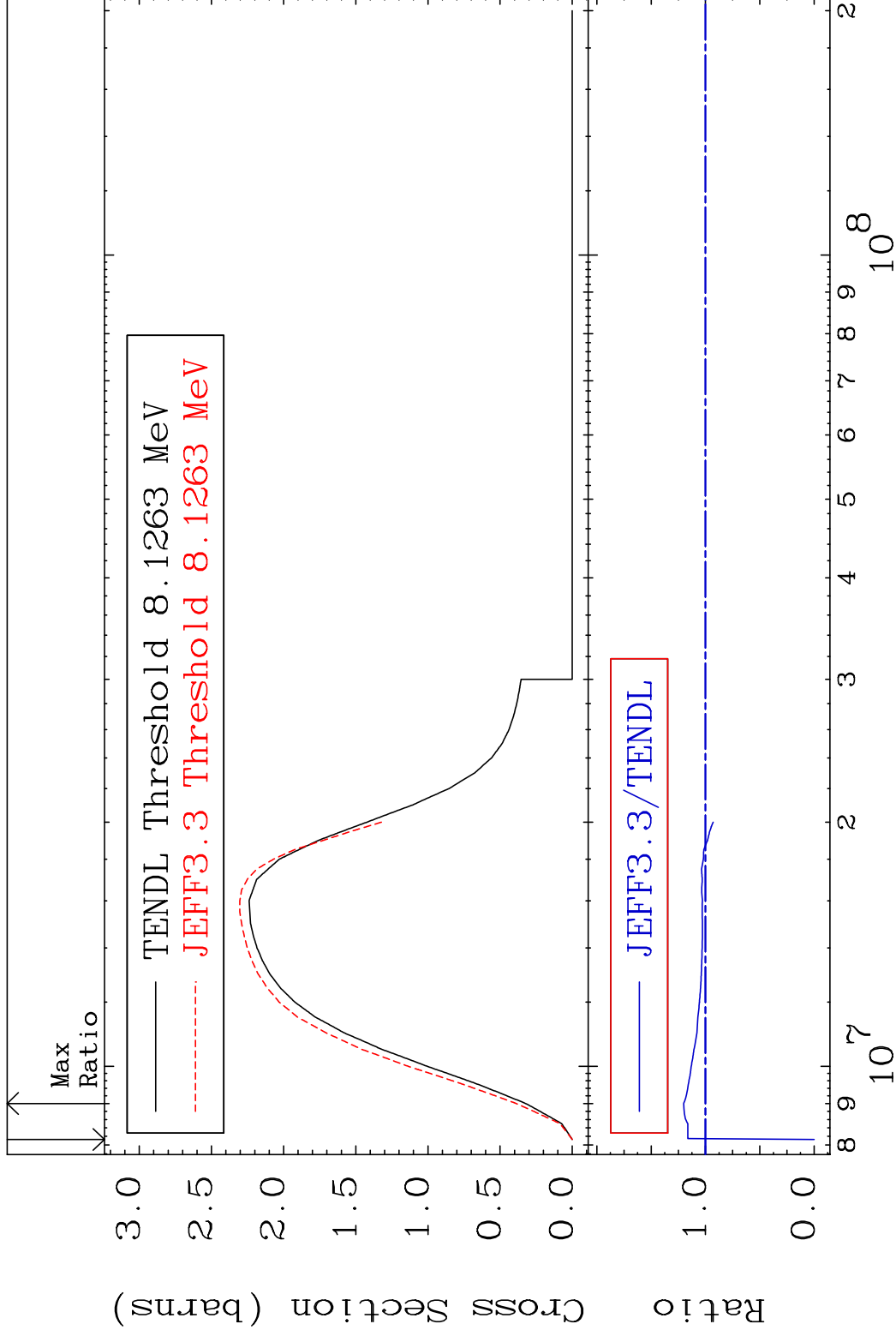
82-Pb-206

MAT 8231

(n,2n)

82-Pb-206

Cross Section -100.0 To 20.11 %



4

Incident Energy (eV)

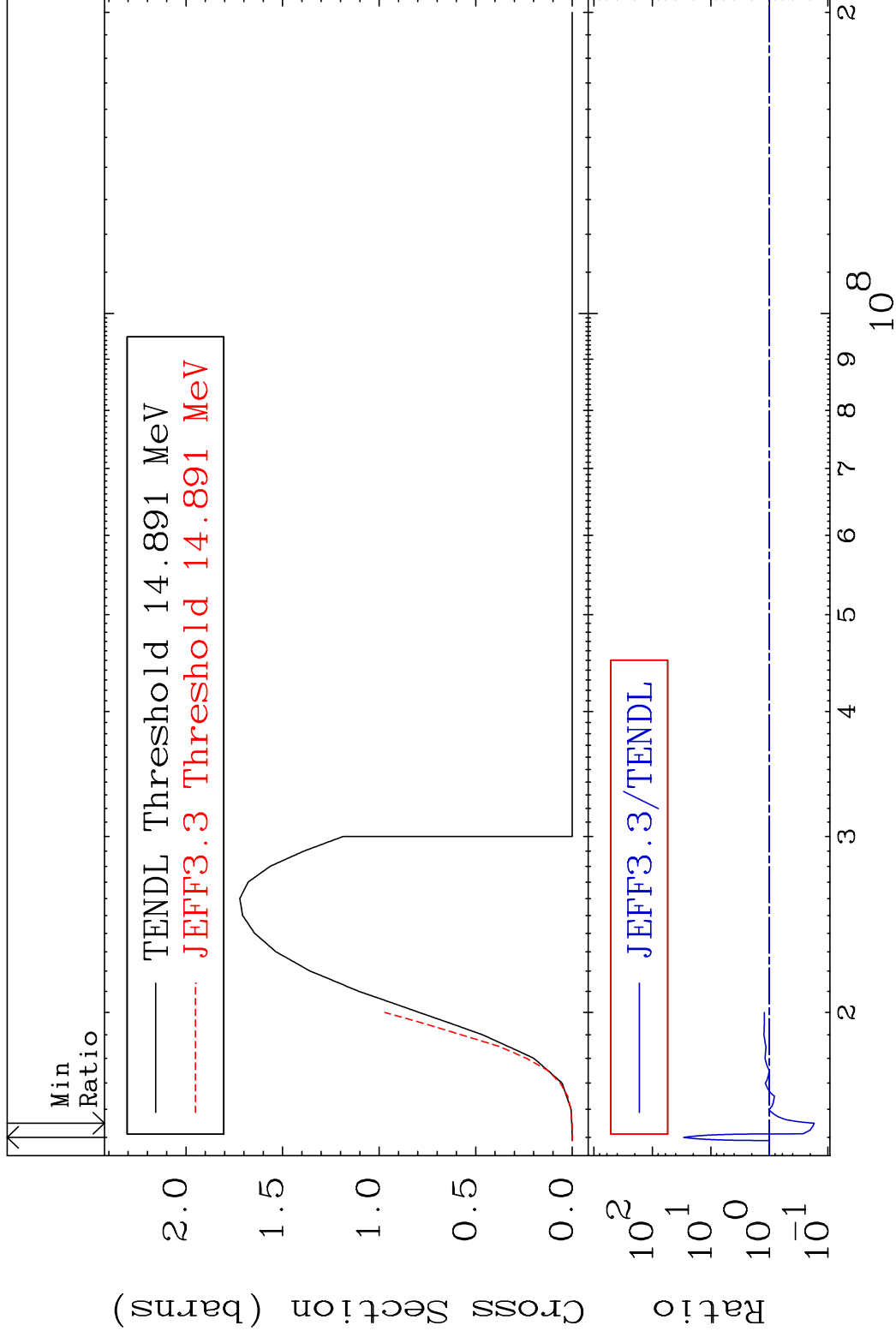
82-Pb-206

MAT 8231

(n,3n)

82-Pb-206

Cross Section -82.82 To 2826. %



5

Incident Energy (eV)

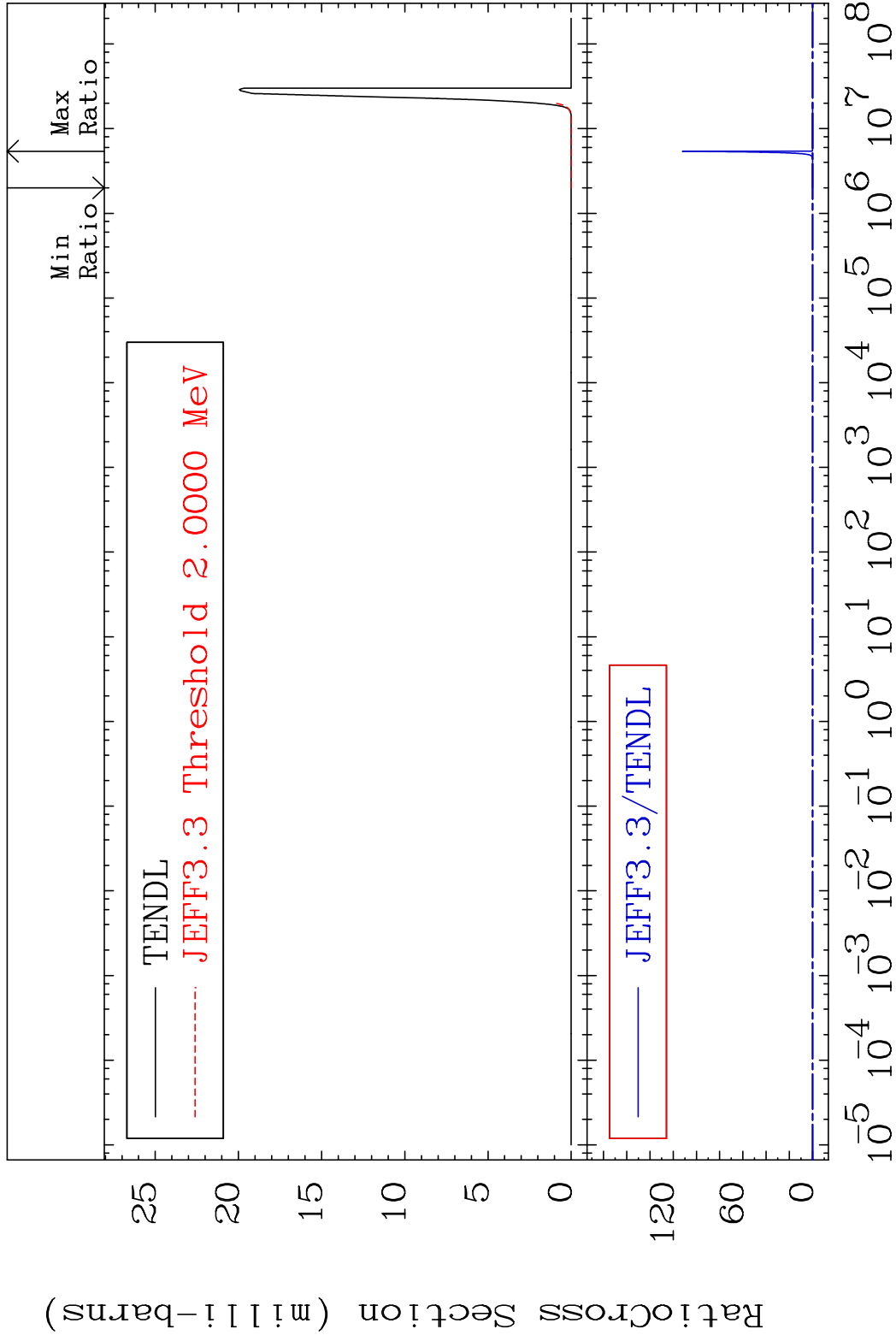
82-Pb-206

MAT 8231

(n, n') α

82-Pb-206

Cross Section -100.0 To 9999. %



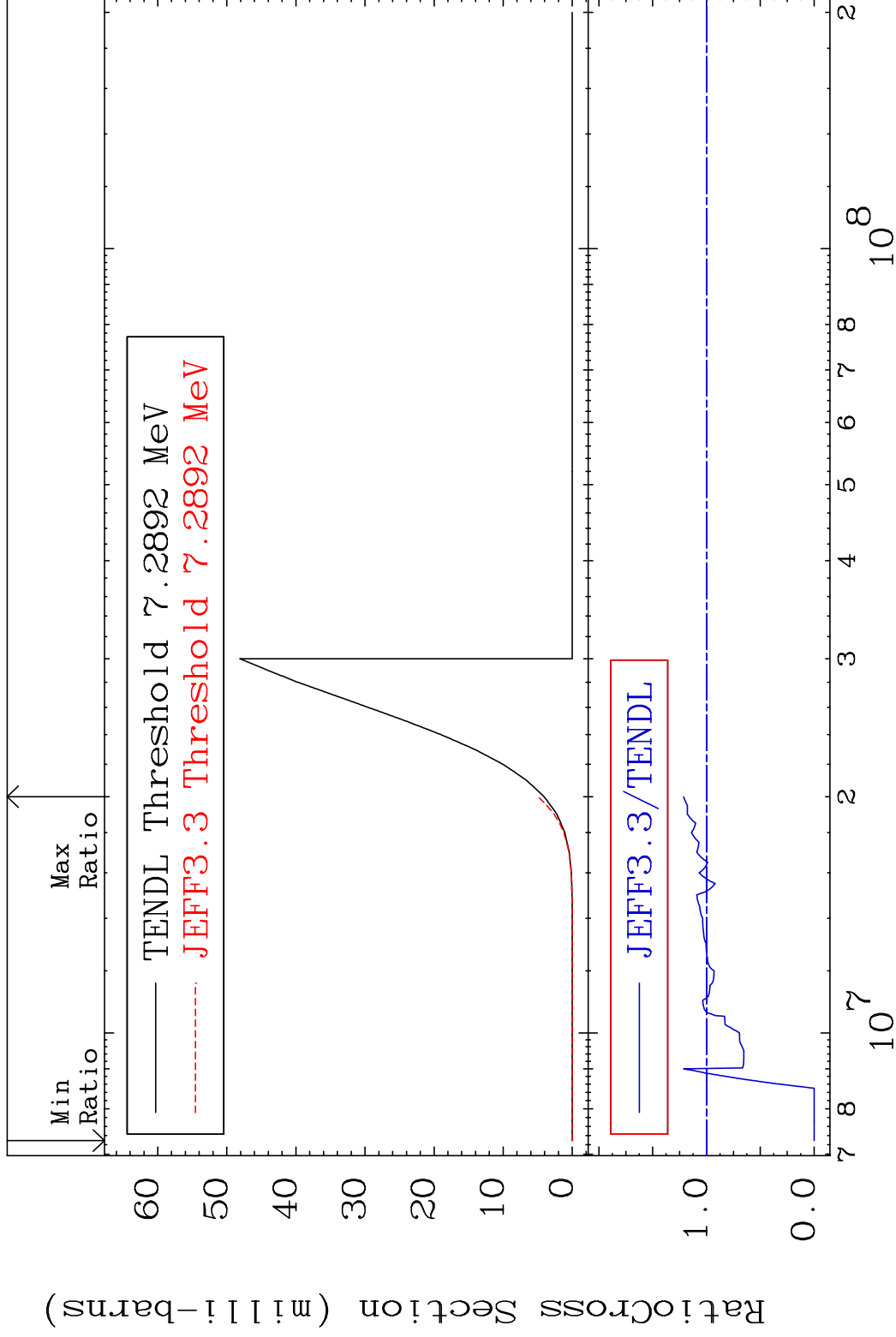
6

Incident Energy (eV)

82-Pb-206

MAT 8231

(n, n') p 82-Pb-206
Cross Section -100.0 To 21.23 %

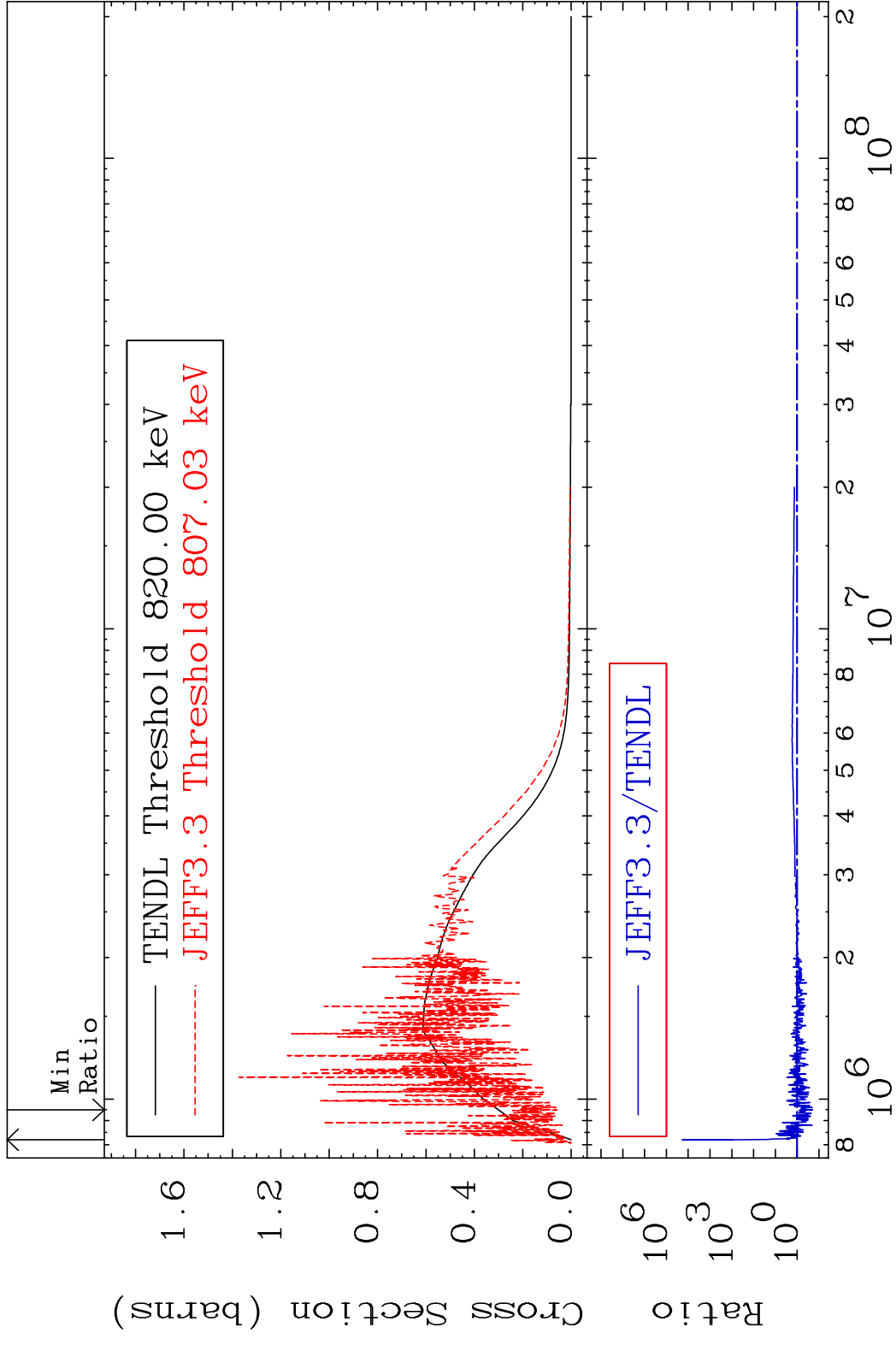


7

Incident Energy (eV)

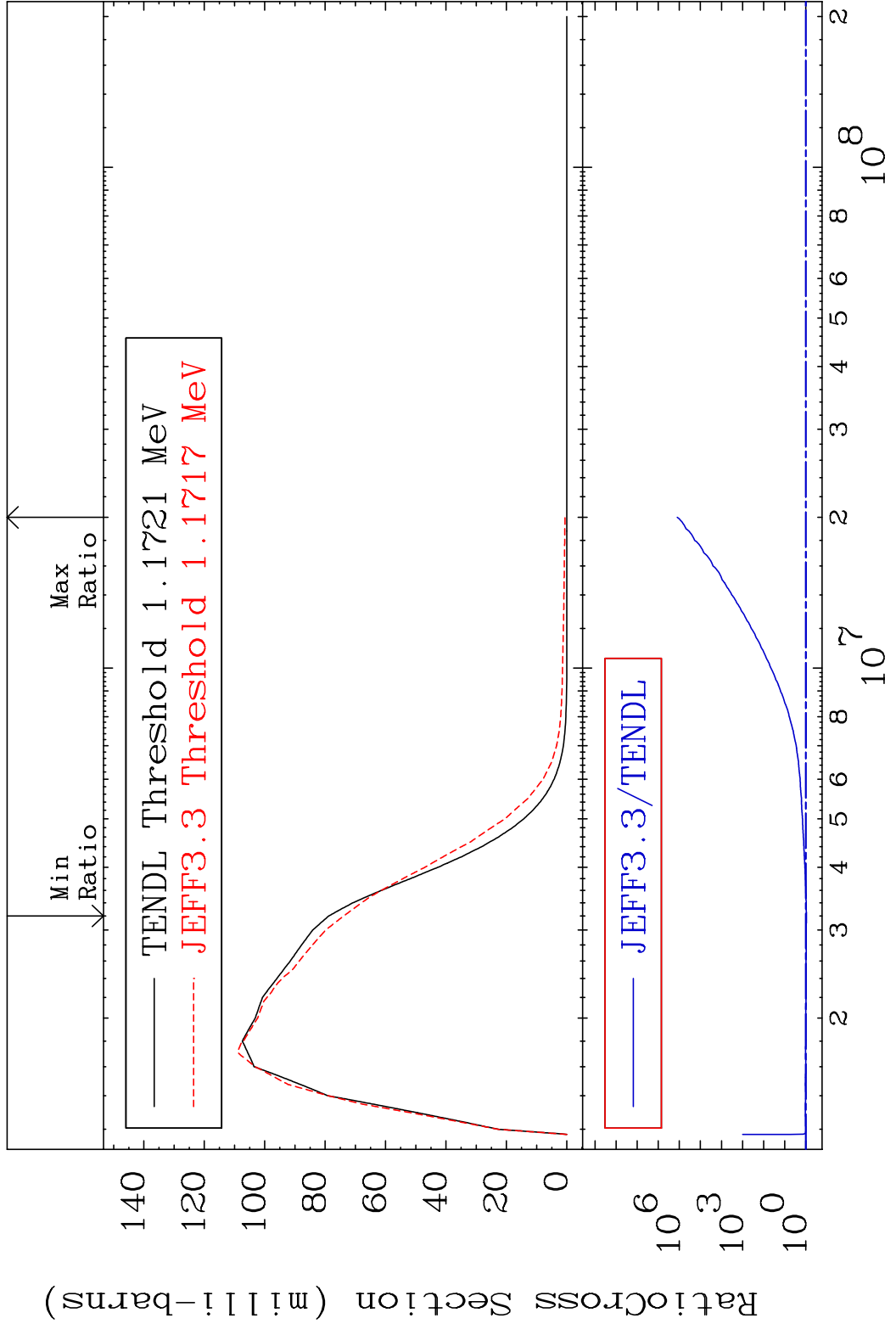
82-Pb-206

MAT 8231 MT= 51 (n,n') Level 82-Pb-206
 Cross Section -80.42 To 9999. %

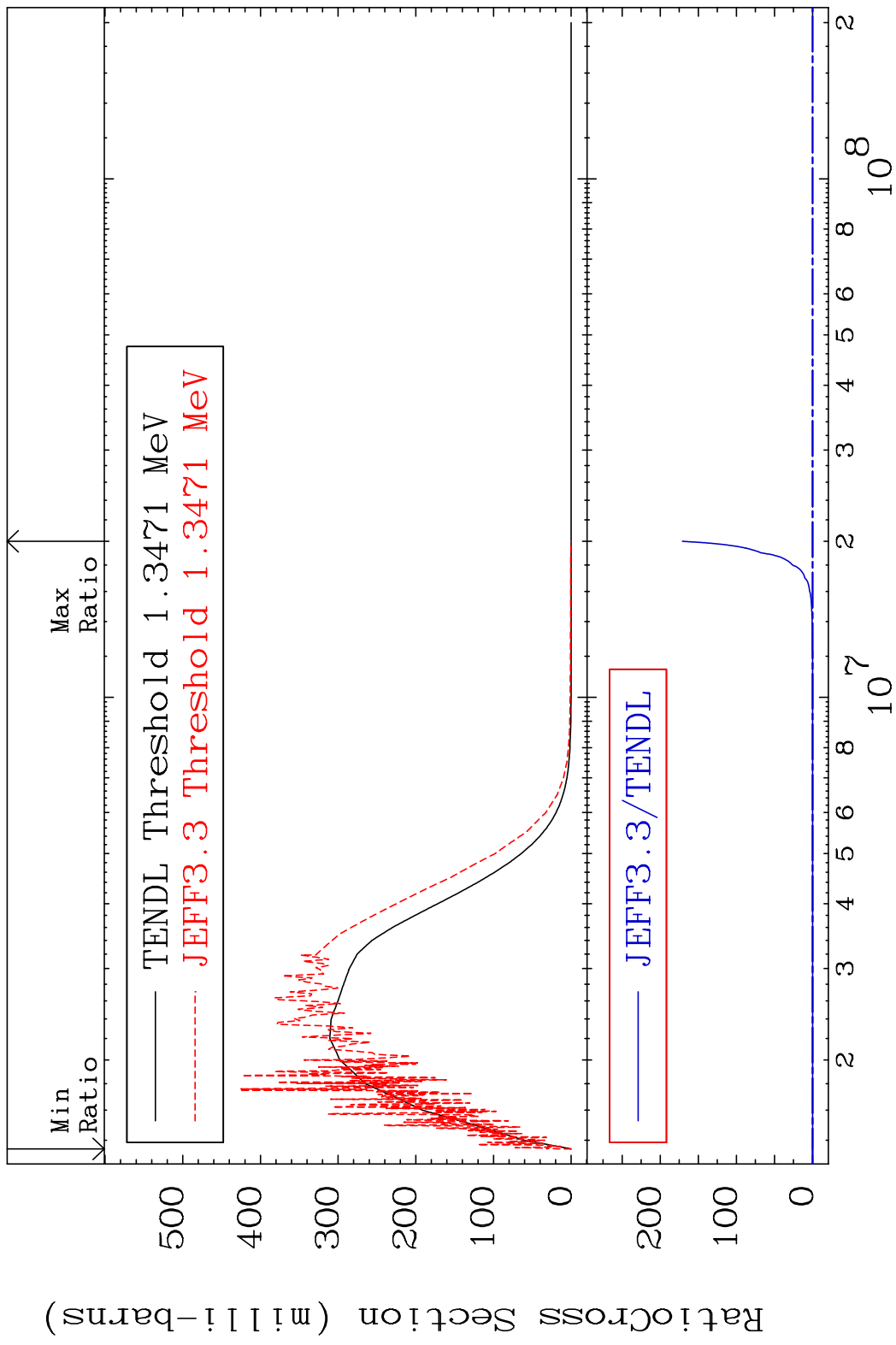


8 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 52 (n, n') Level 82-Pb-206
 Cross Section -6.293 To 9999. %

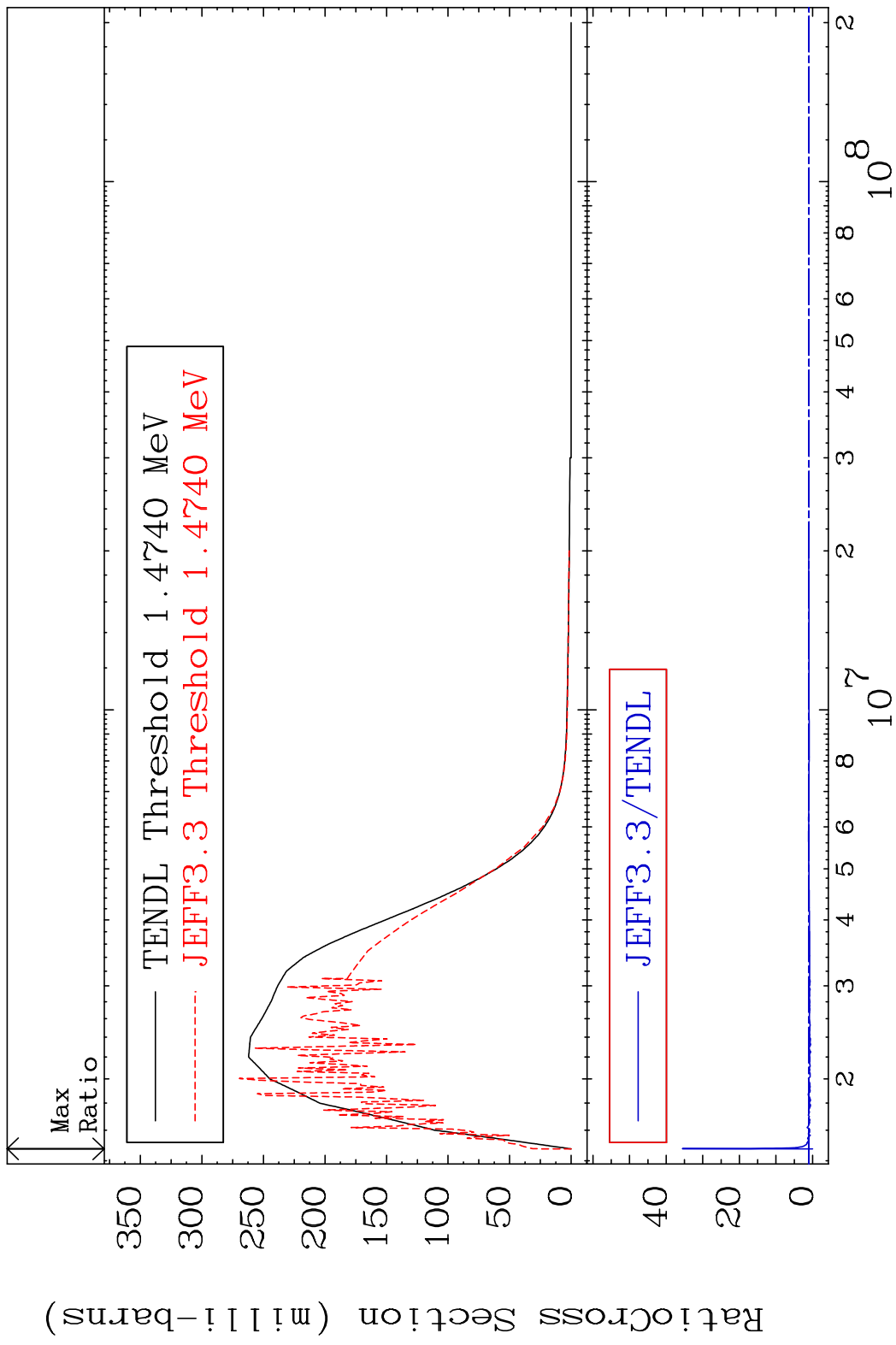


MAT 8231 MT= 53 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %

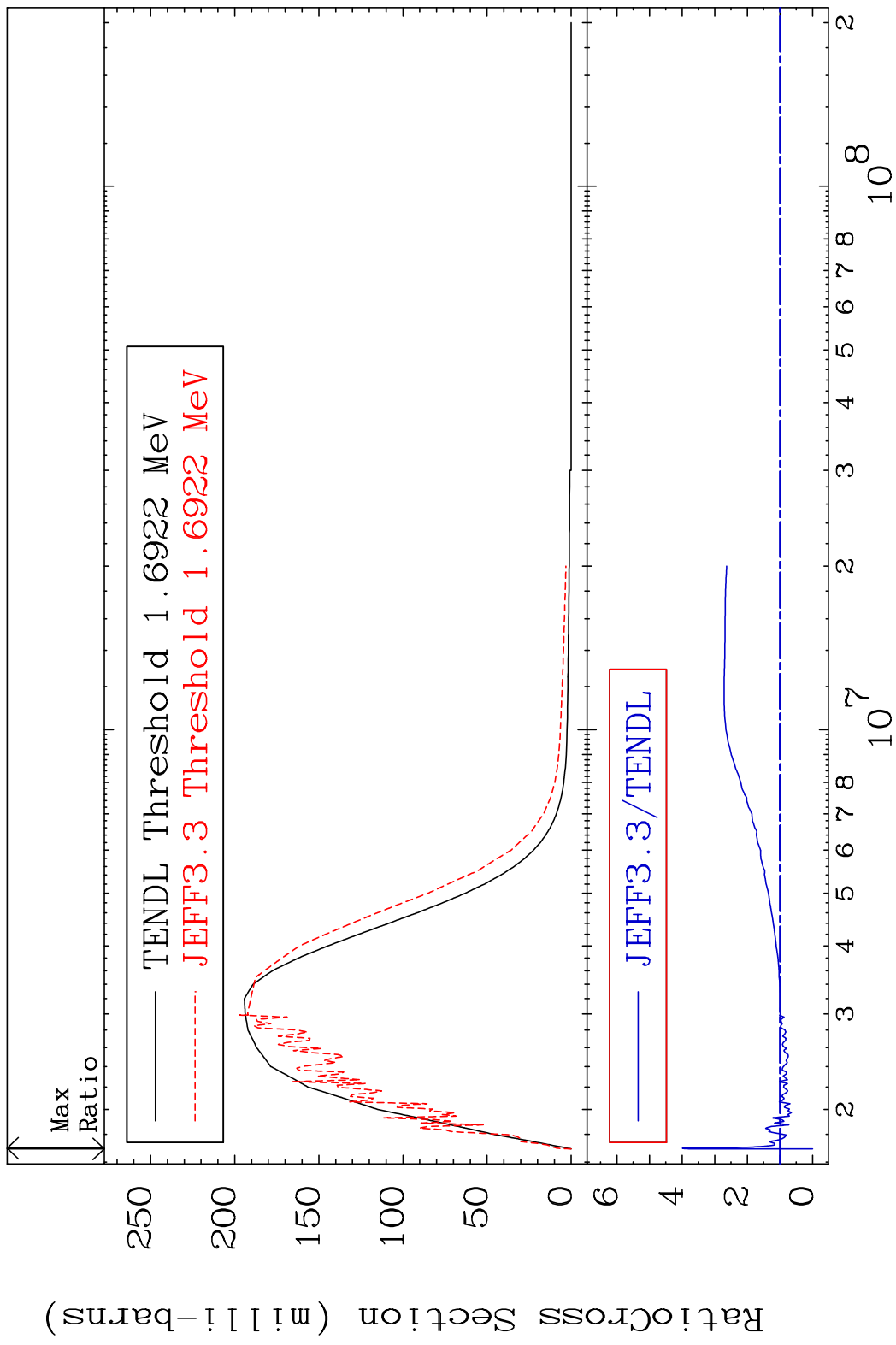


10 Incident Energy (eV) 82-Pb-206

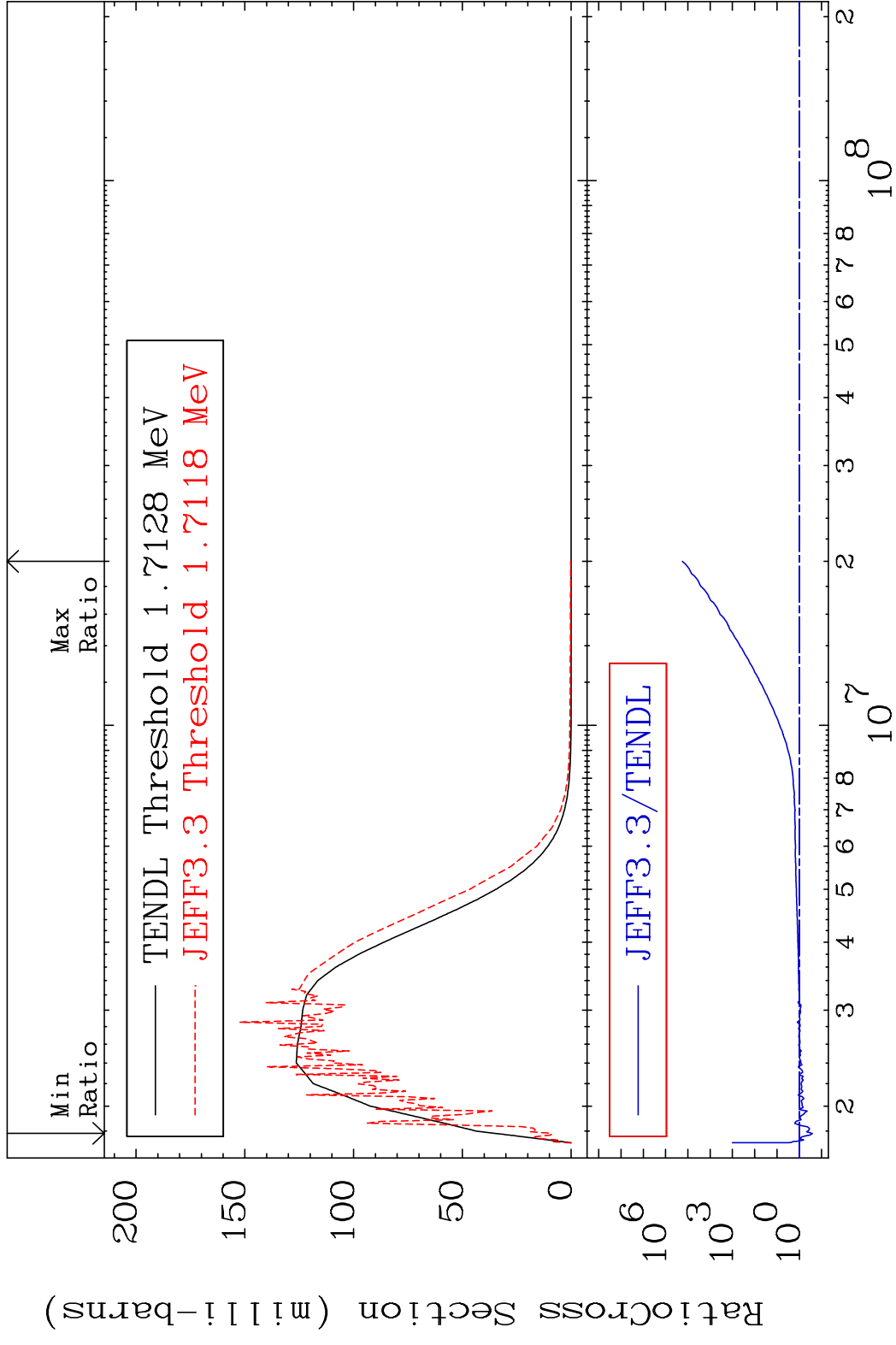
MAT 8231 MT= 54 (n,n') Level 82-Pb-206
 Cross Section -100.0 To 3458. %



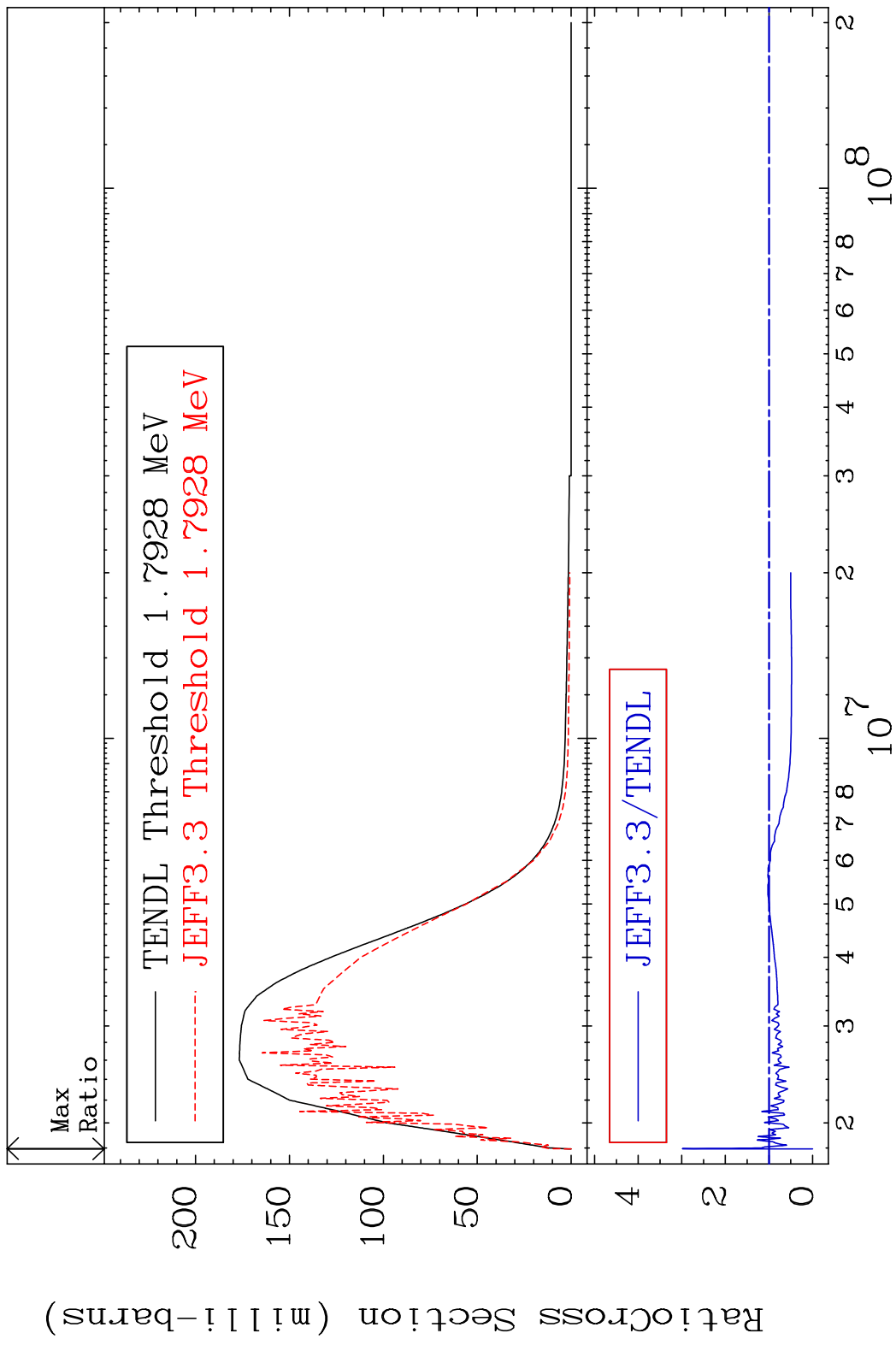
MAT 8231 MT= 55 (n,n') Level 82-Pb-206
 Cross Section -100.0 To 299.1 %



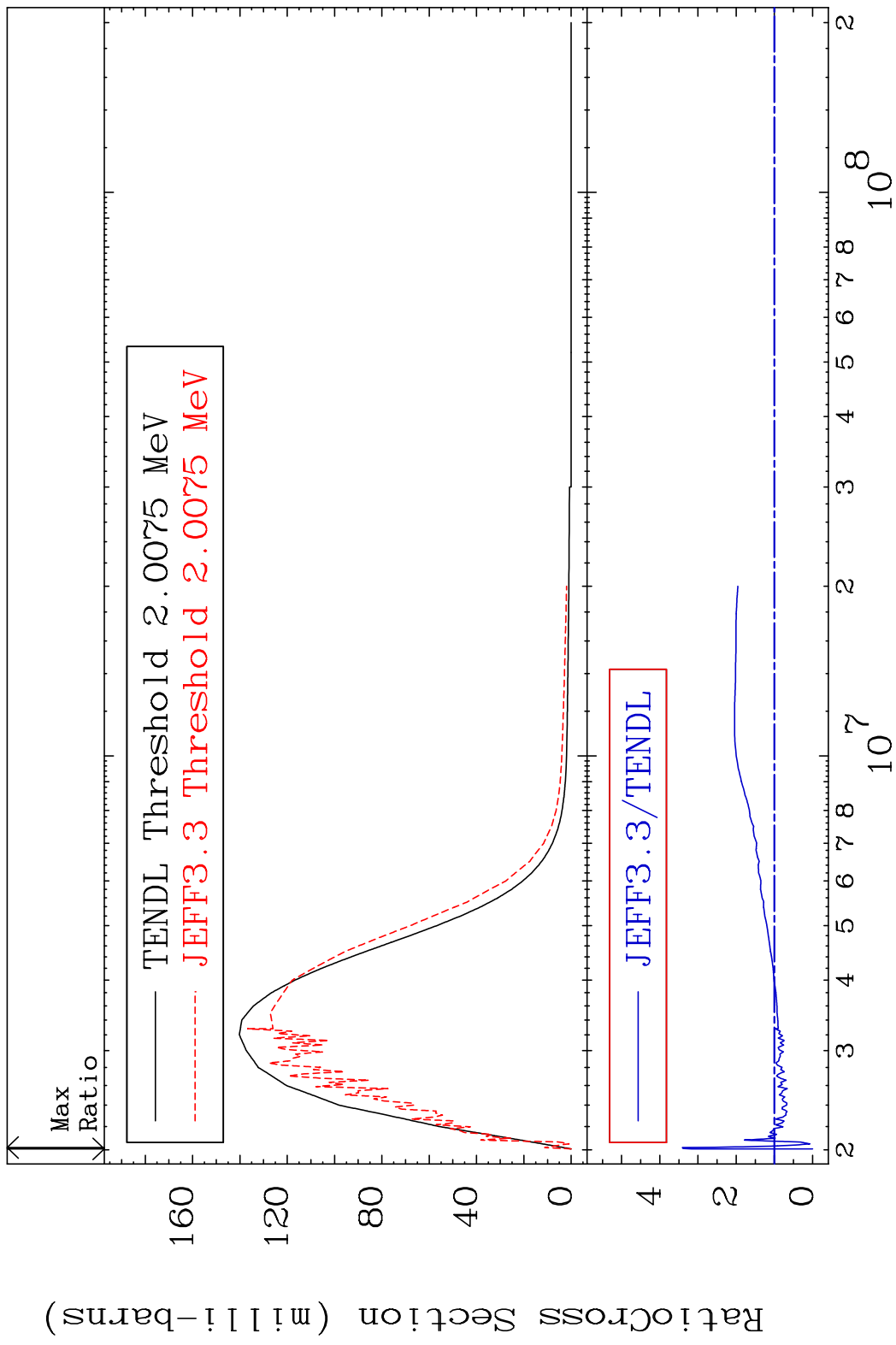
MAT 8231 MT= 56 (n, n') Level 82-Pb-206
 Cross Section -74.62 To 9999. %



MAT 8231 MT= 57 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 198.7 %

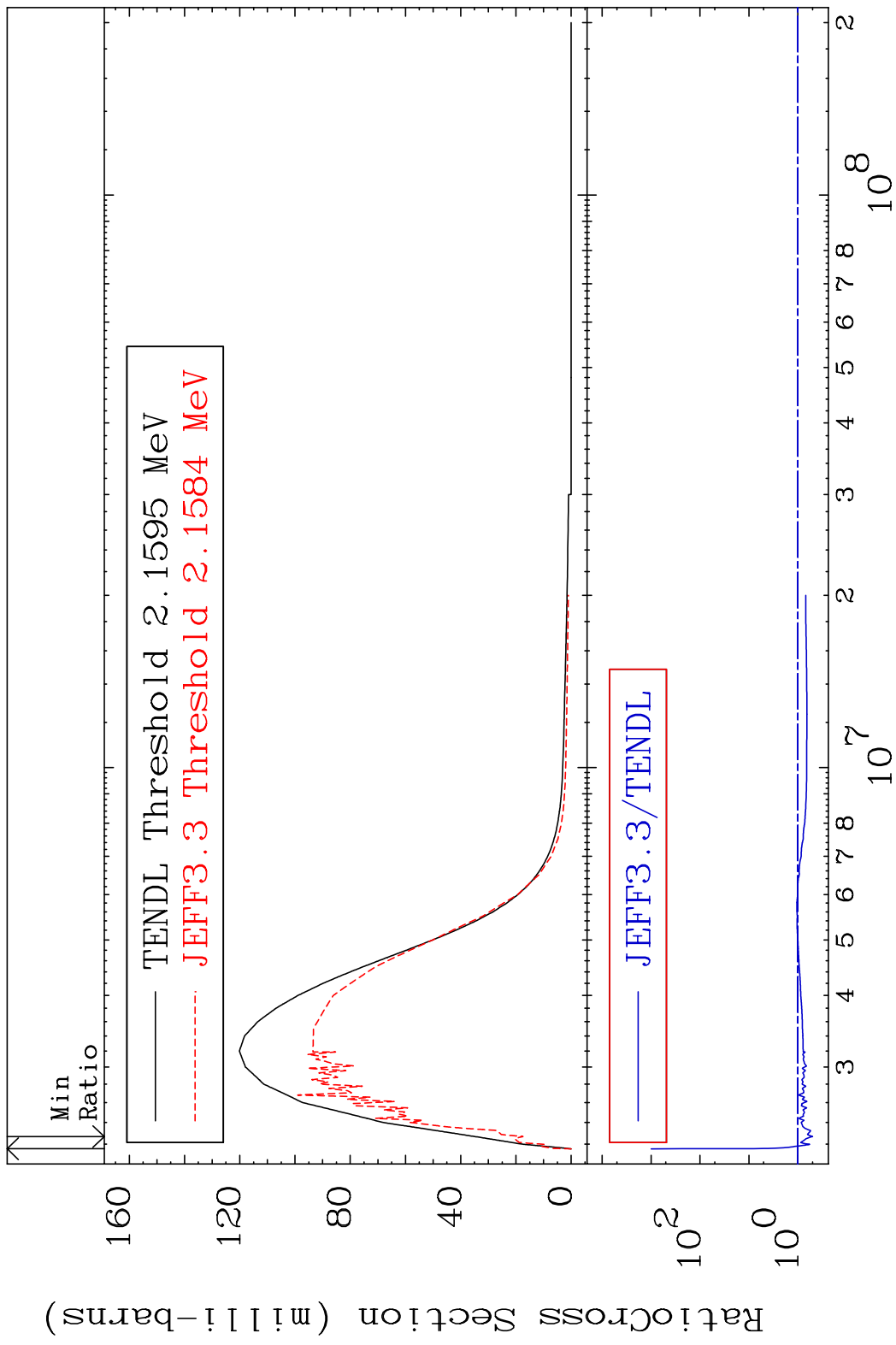


MAT 8231 MT= 58 (n,n') Level 82-Pb-206
 Cross Section -100.0 To 240.9 %

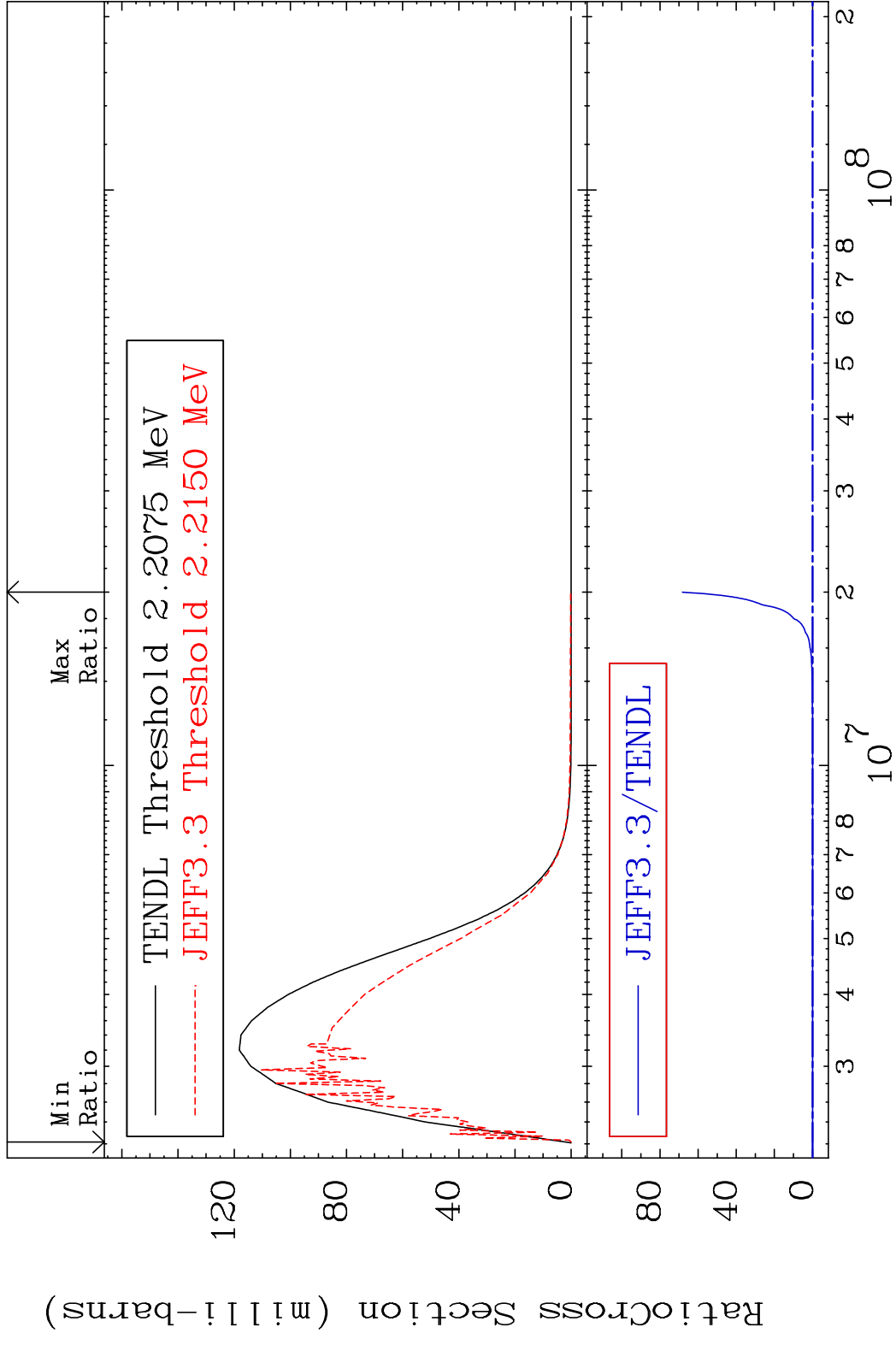


15 Incident Energy (eV) 82-Pb-206

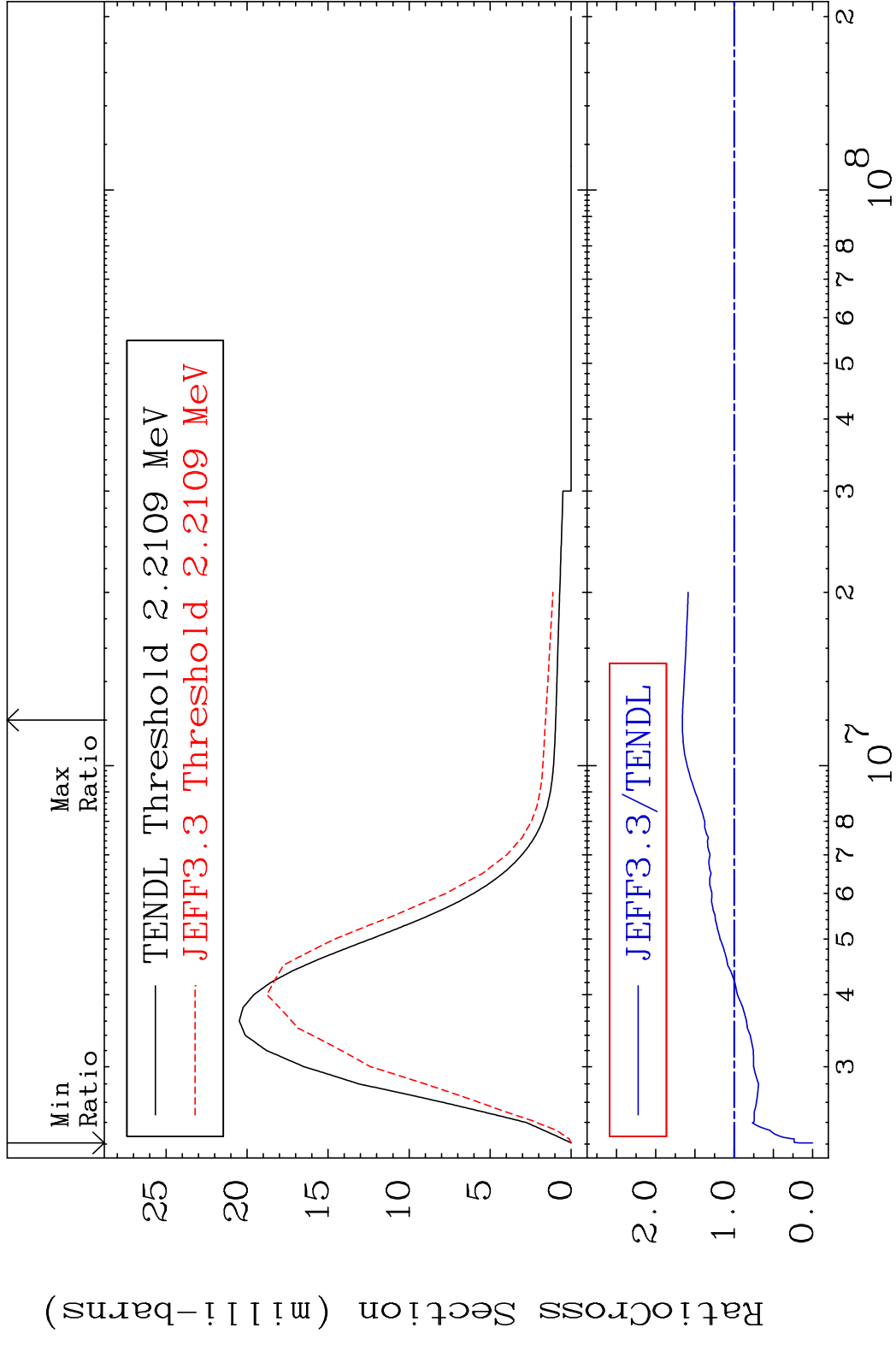
MAT 8231 MT= 59 (n,n') Level 82-Pb-206
 Cross Section -49.96 To 9999. %



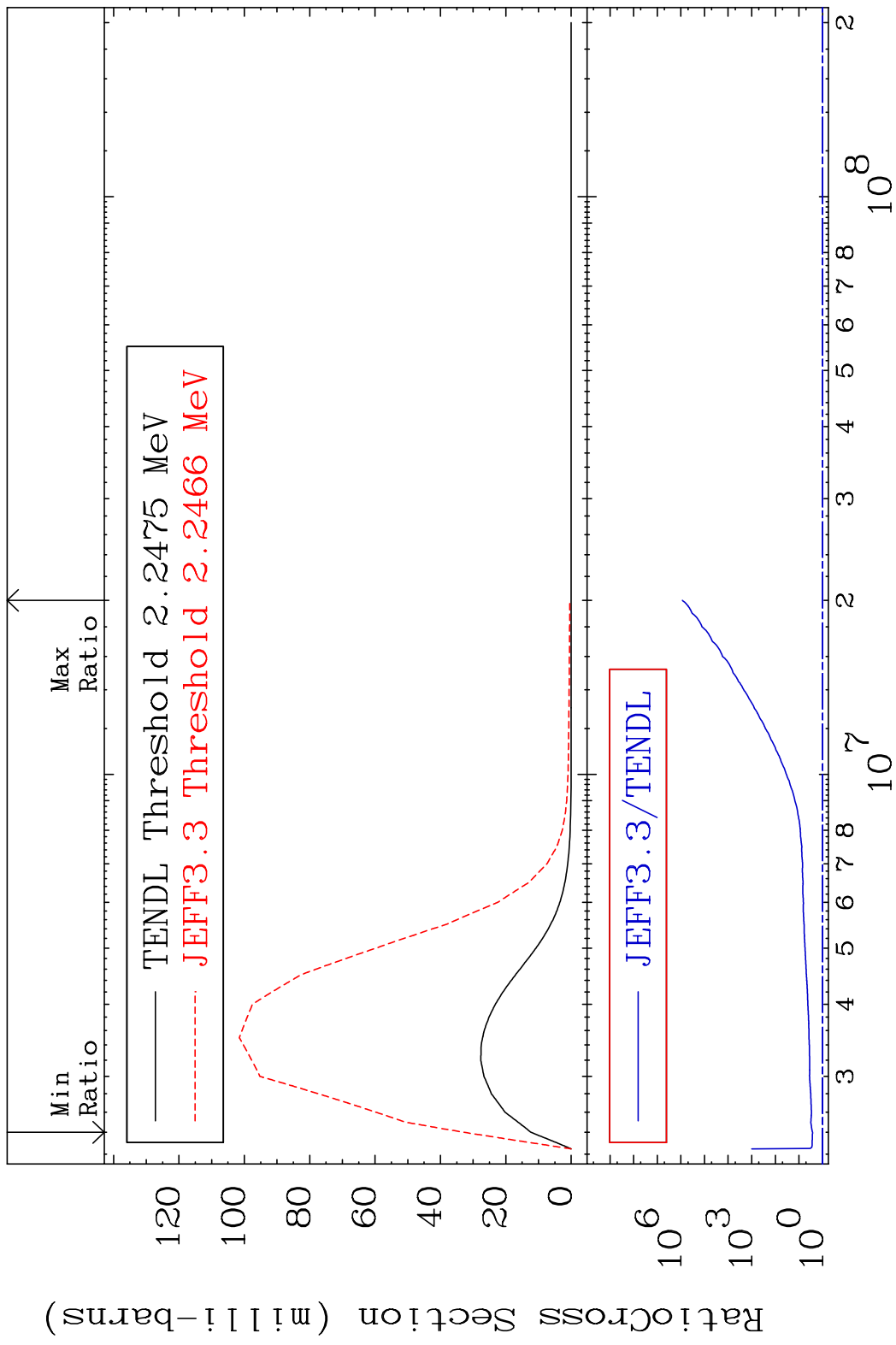
MAT 8231 MT= 60 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



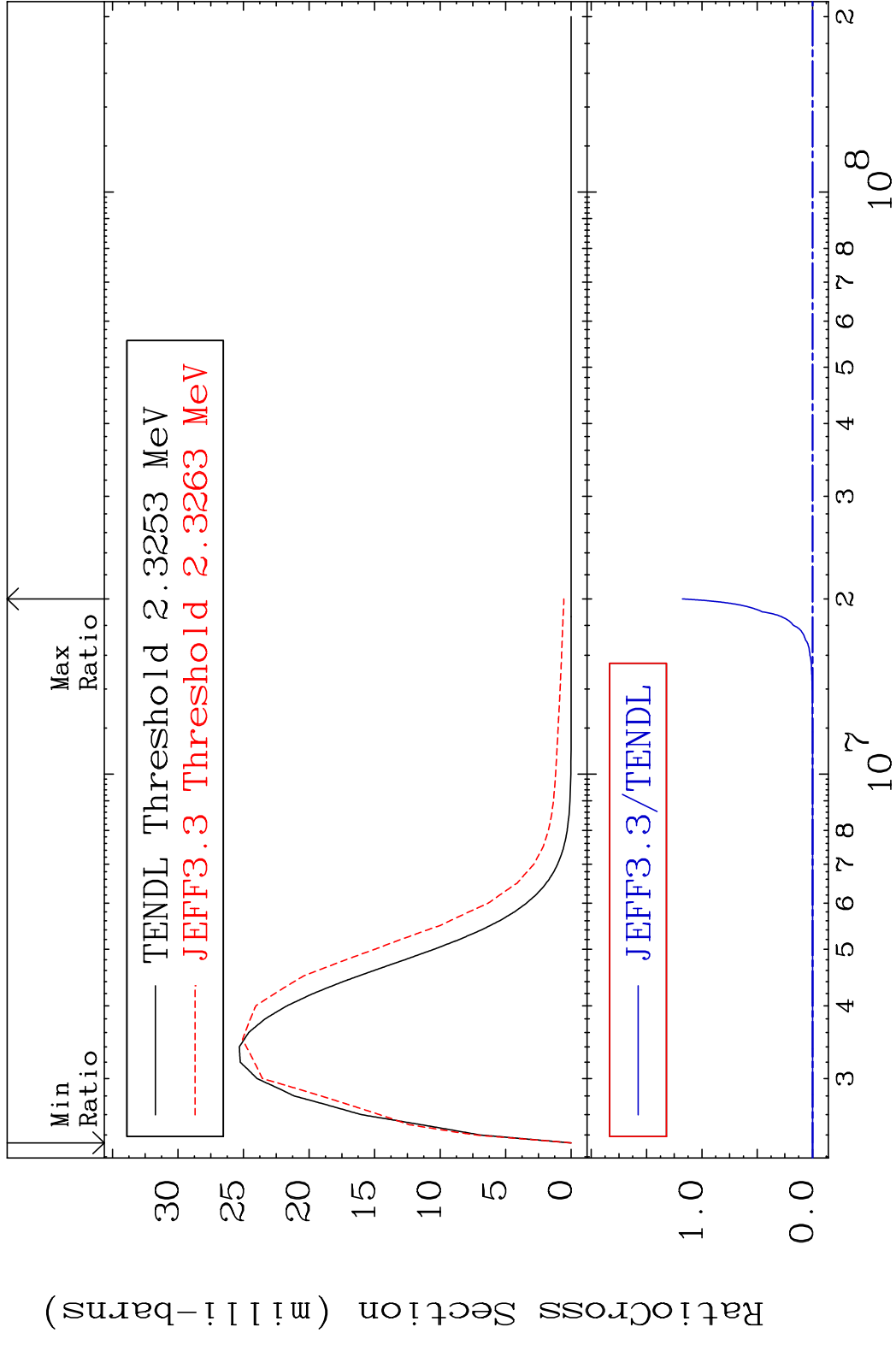
MAT 8231 MT= 61 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 65.96 %



MAT 8231 MT= 62 (n, n') Level 82-Pb-206
 Cross Section 165.3 To 9999. %

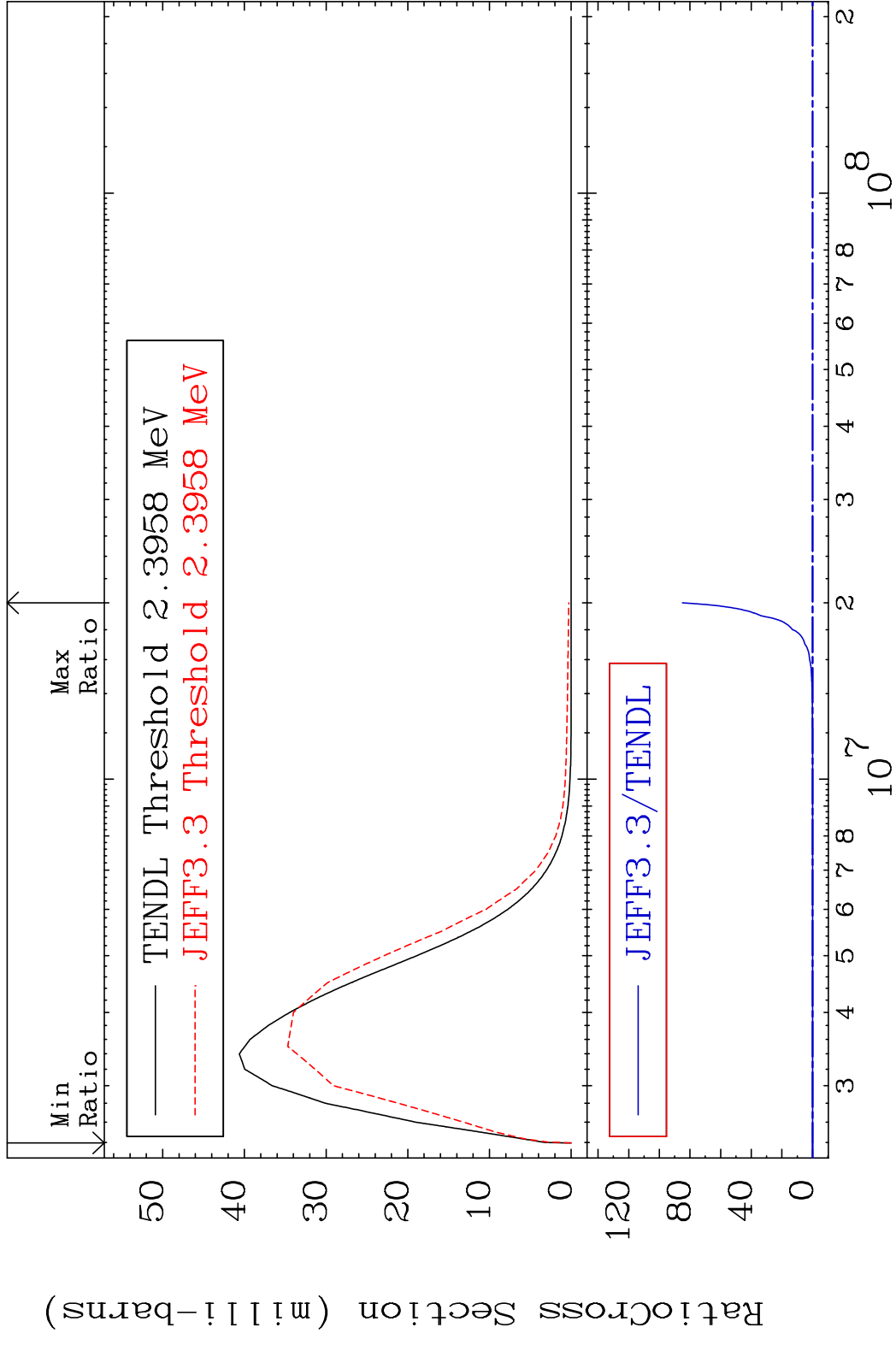


MAT 8231 MT= 63 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %

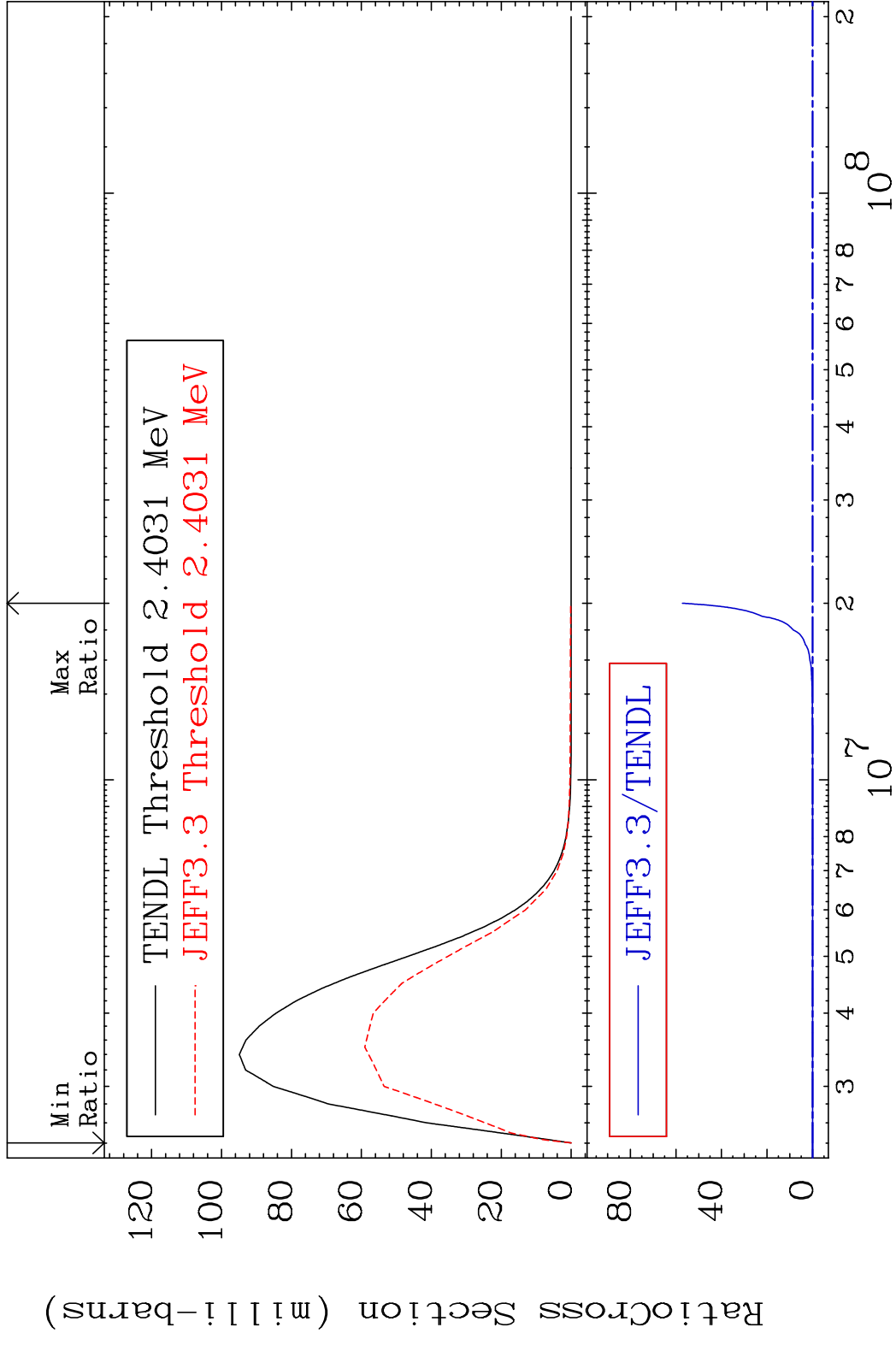


20 82-Pb-206

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

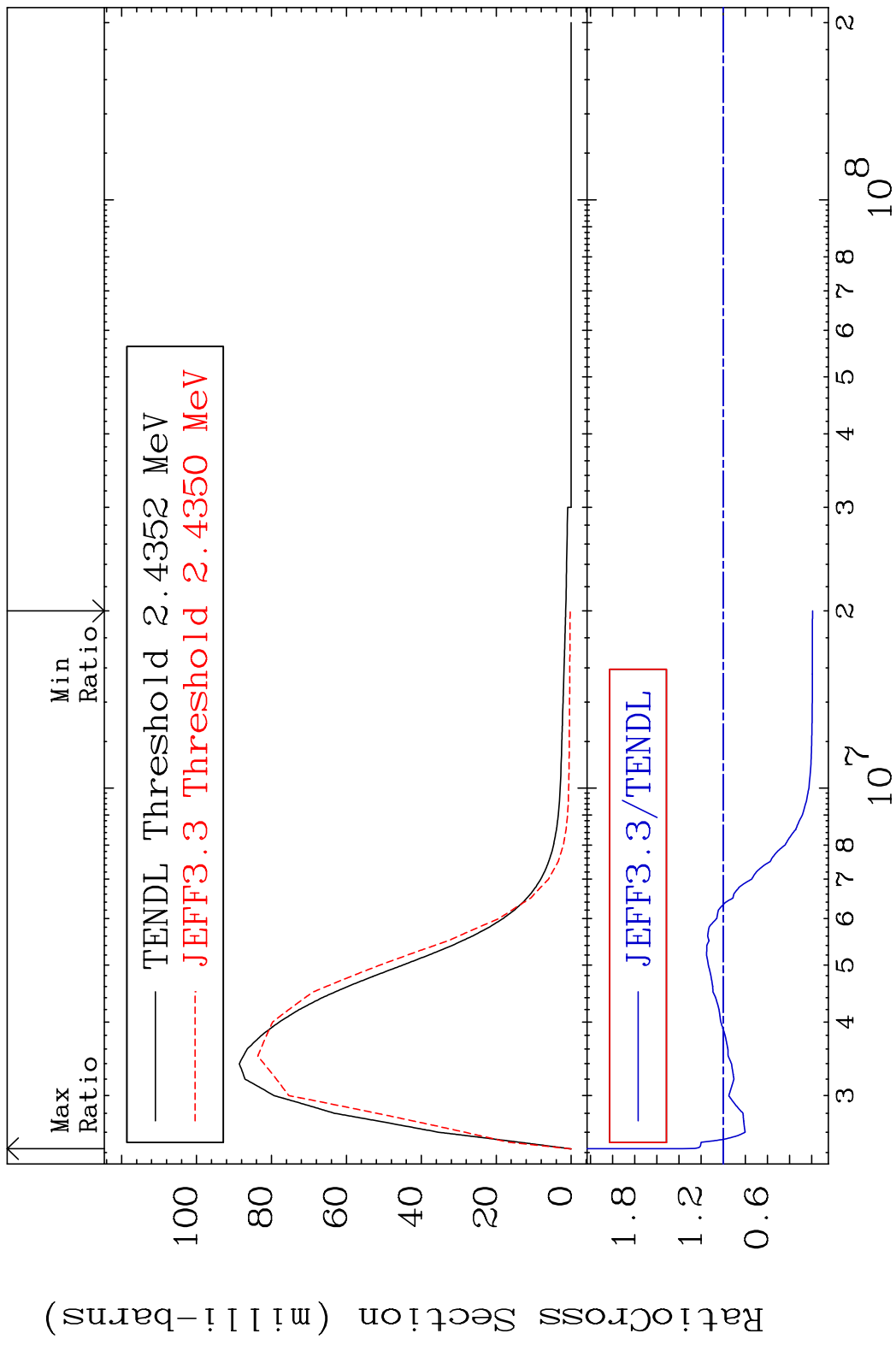


MAT 8231 MT= 65 (n, n') Level 82-Pb-206
 Cross Section -100.0 To 9999. %



22 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 66 (n,n') Level 82-Pb-206
 Cross Section -80.68 To 36.95 %



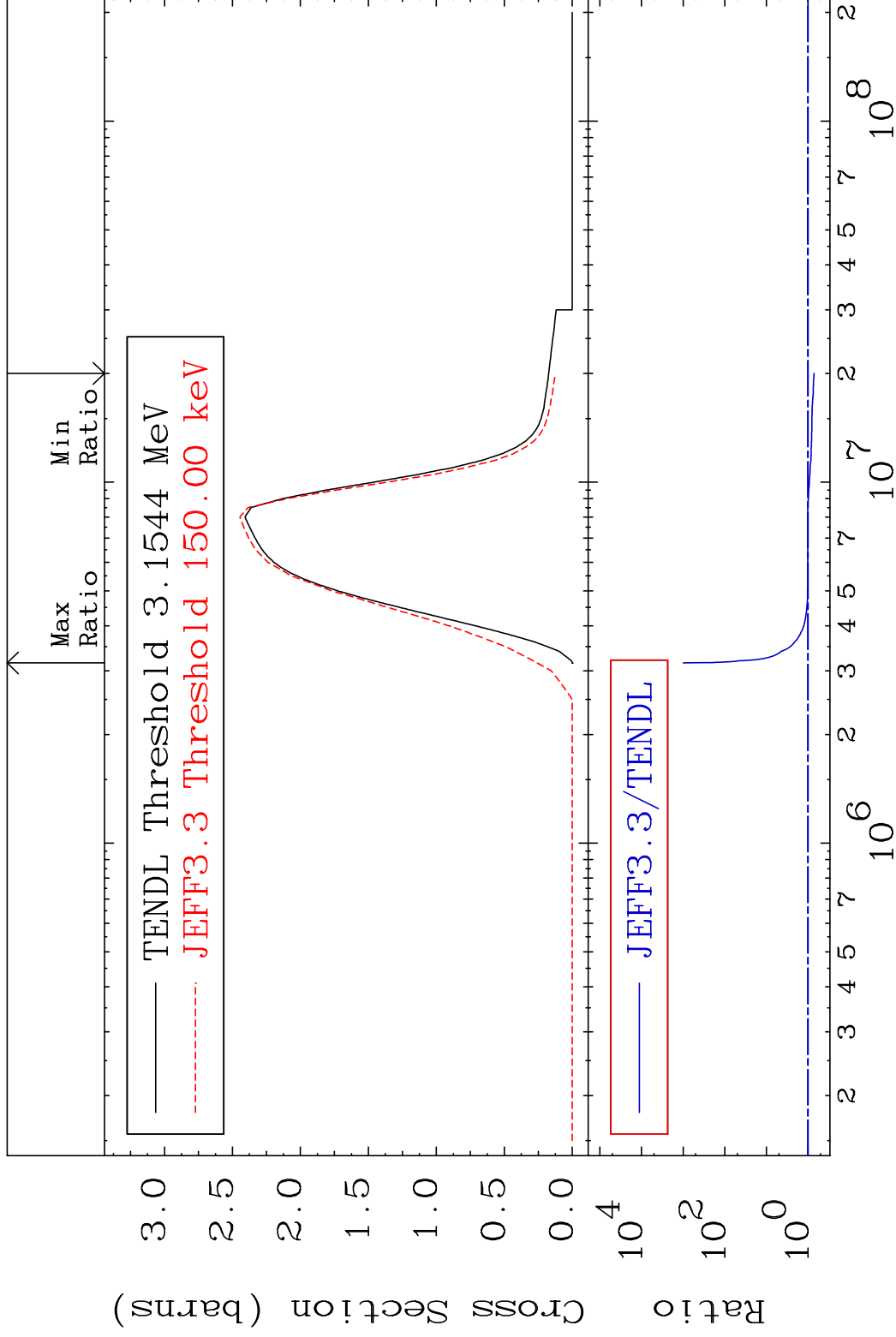
23 Incident Energy (eV) 82-Pb-206

MAT 8231

(n,n') Continuum

82-Pb-206

Cross Section -28.49 To 9999. %



24

Incident Energy (eV)

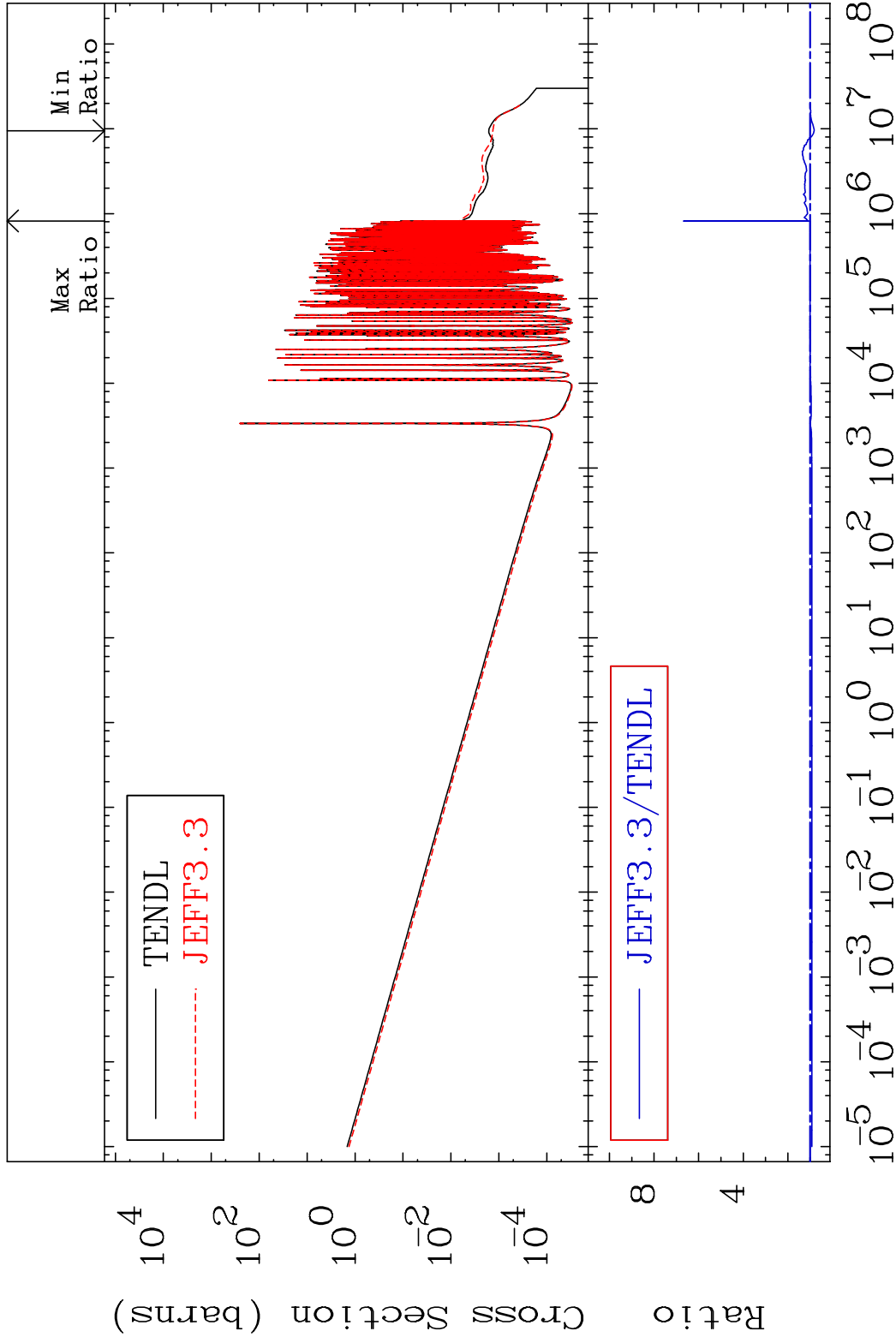
82-Pb-206

MAT 8231

(n, γ)

82-Pb-206

Cross Section -17.97 To 567.2 %



25

Incident Energy (eV)

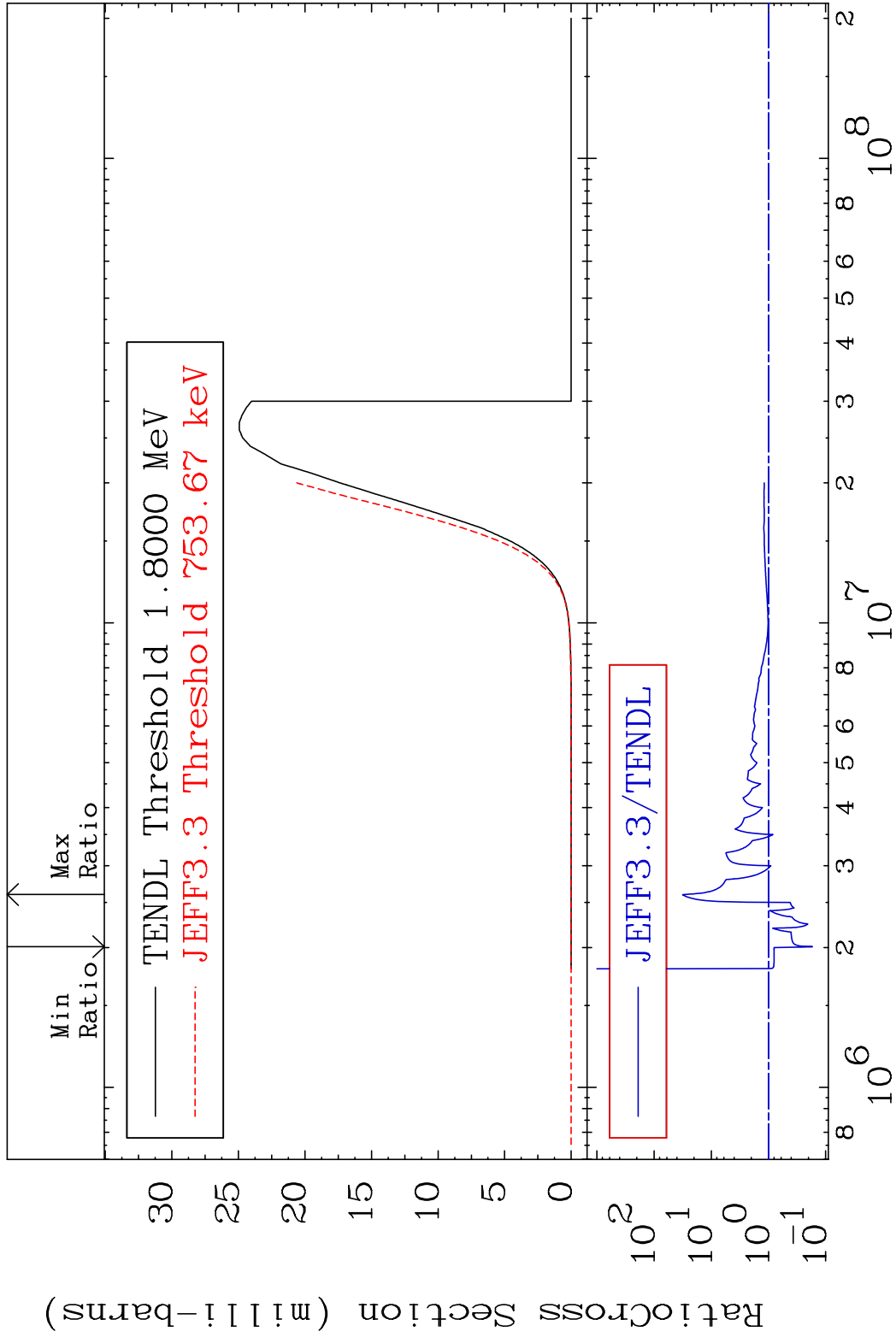
82-Pb-206

MAT 8231

(n,p)

82-Pb-206

Cross Section -83.01 To 3108. %



26

Incident Energy (eV)

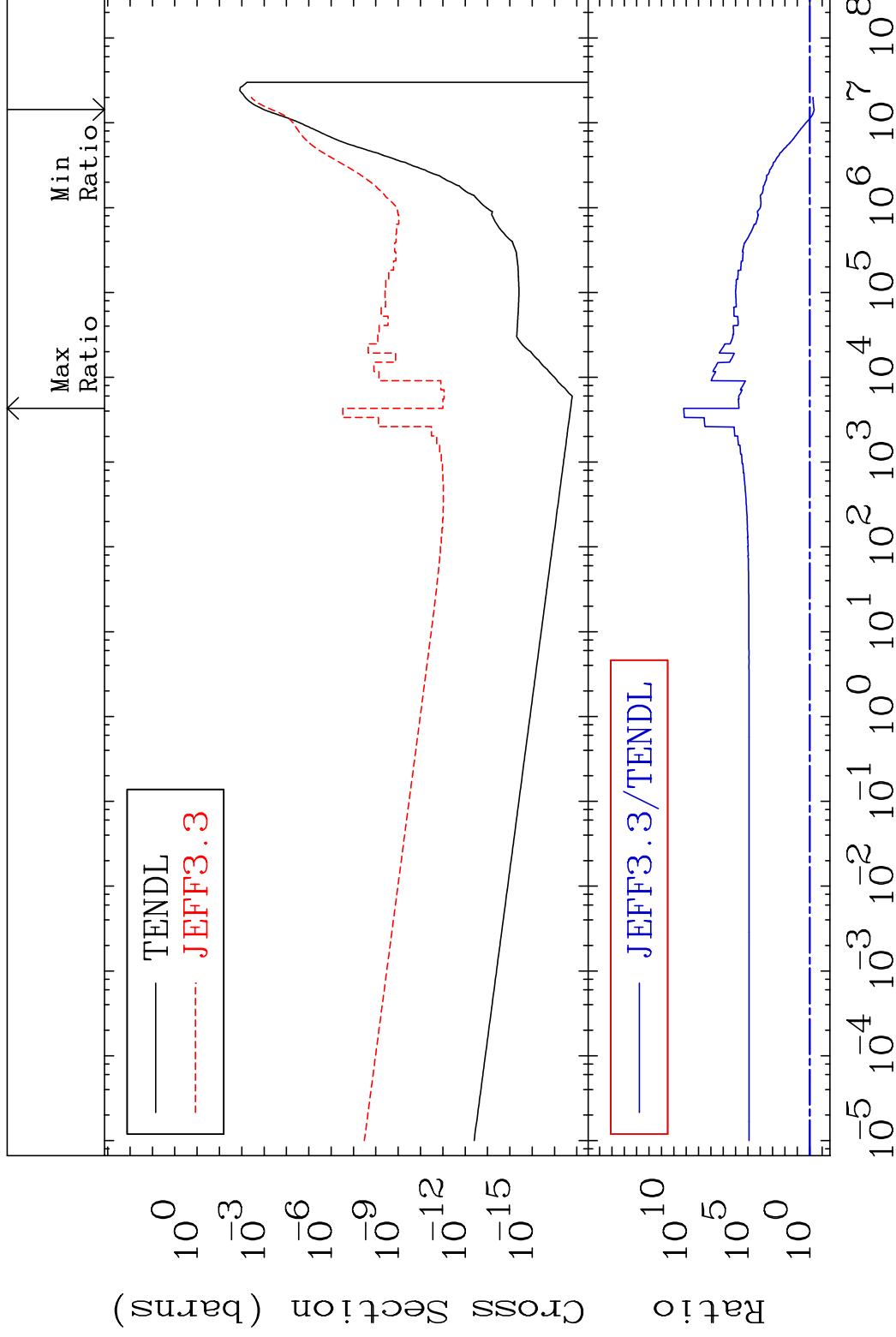
82-Pb-206

MAT 8231

(n, α)

82-Pb-206

Cross Section -55.93 To 9999. %



27

Incident Energy (eV)

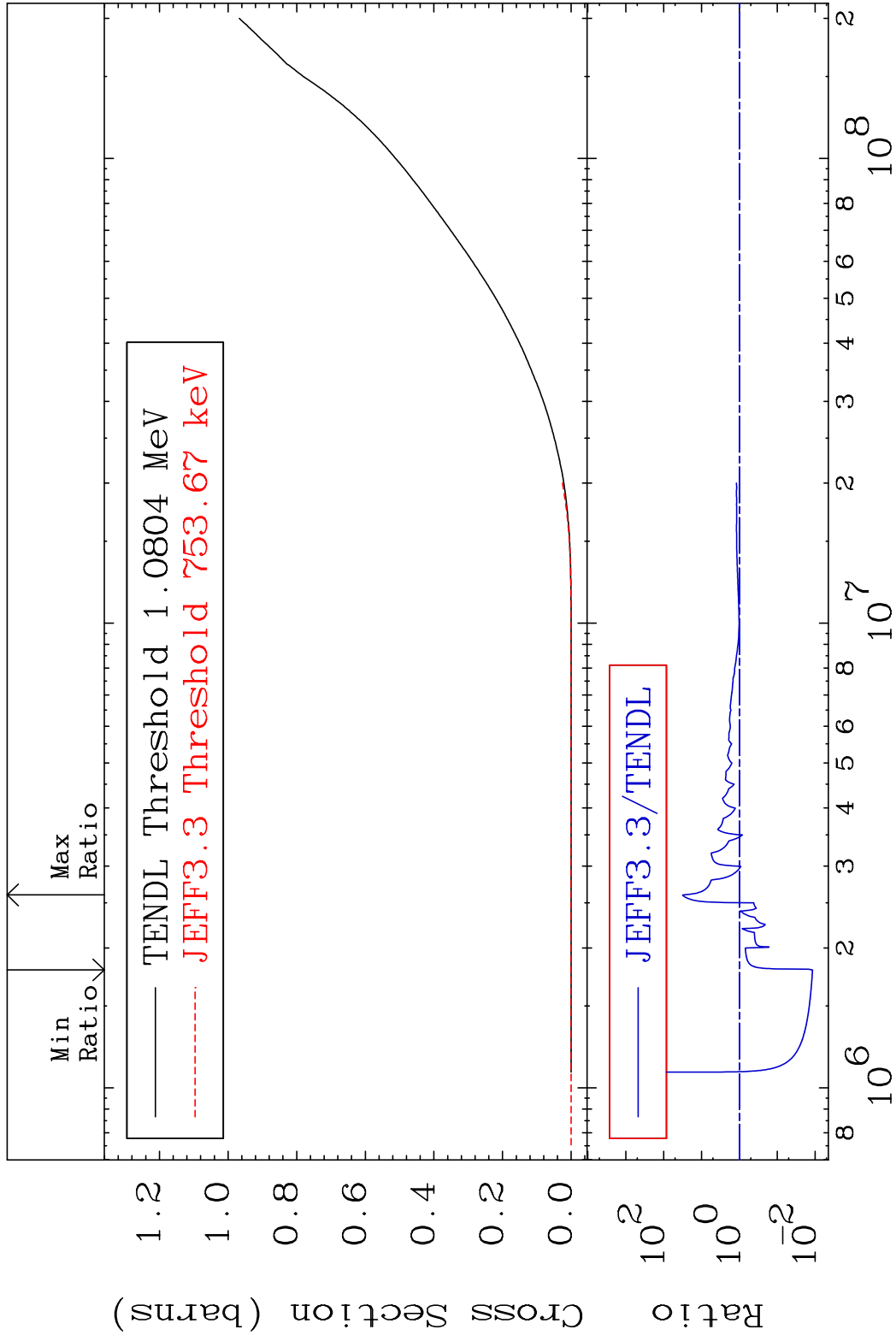
82-Pb-206

MAT 8231

Hydrogen Production

82-Pb-206

Cross Section -98.82 To 3108. %



28

Incident Energy (eV)

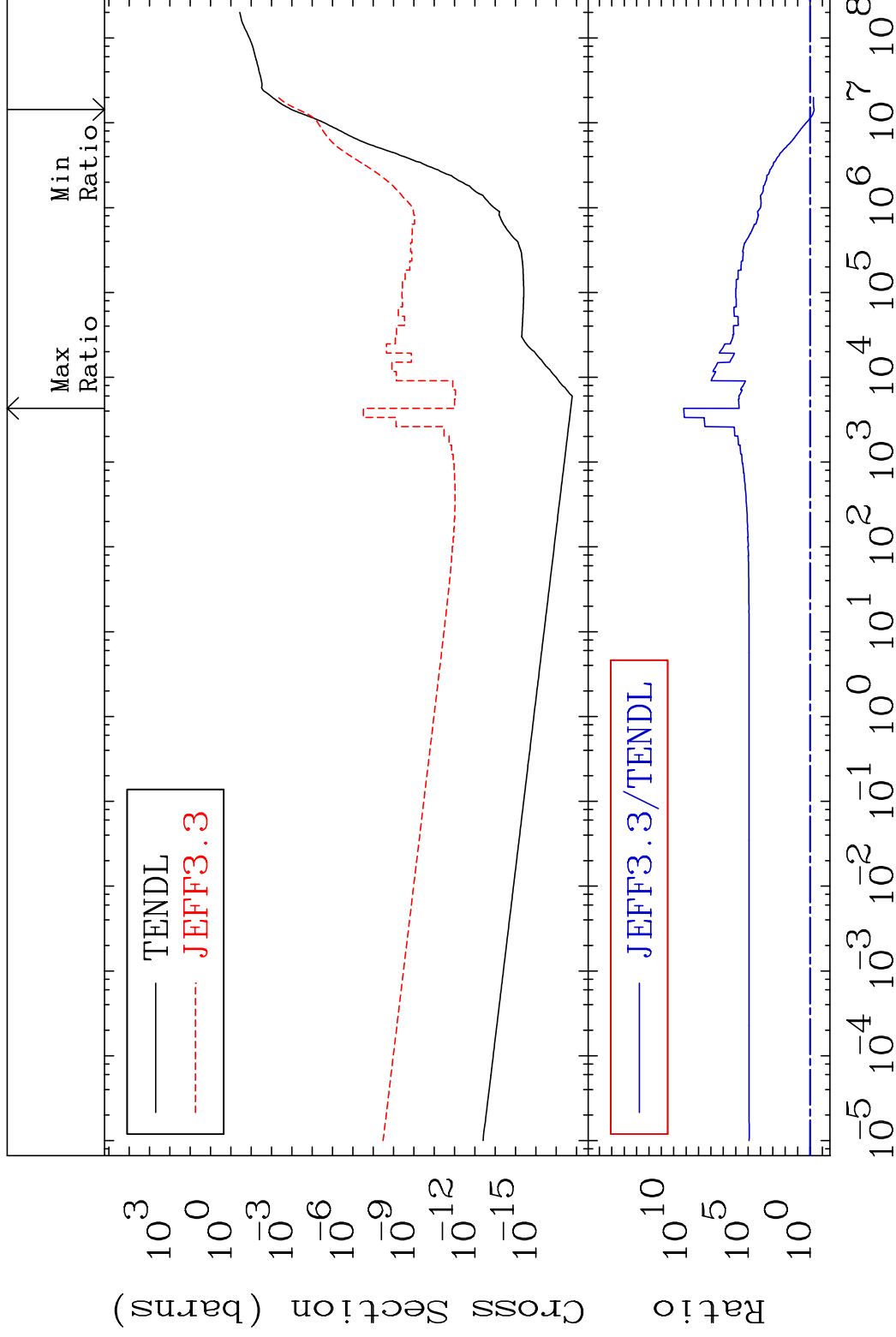
82-Pb-206

MAT 8231

He-4 Production

82-Pb-206

Cross Section -53.47 To 9999. %

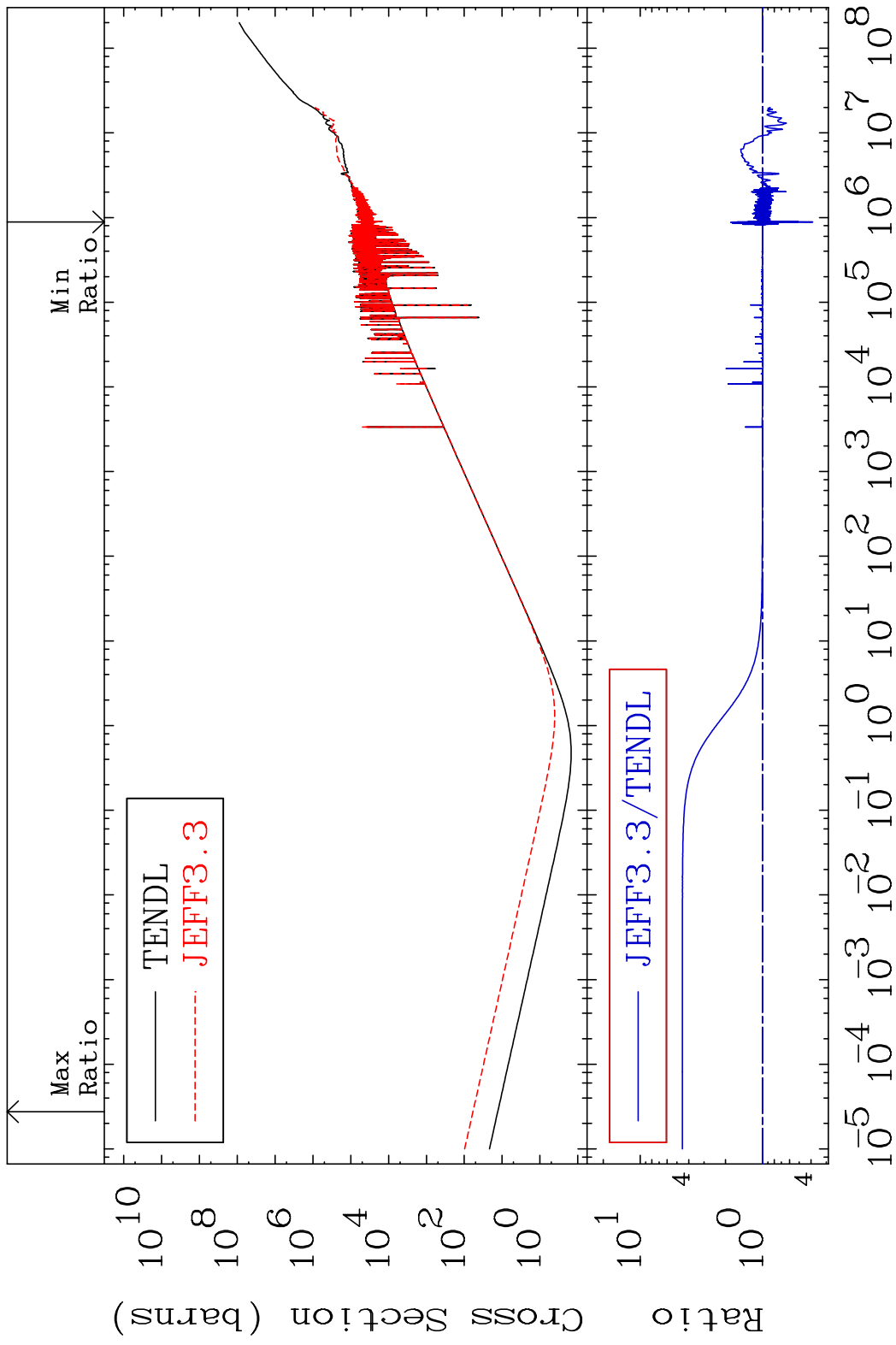


29

Incident Energy (eV)

82-Pb-206

MAT 8231 Kerma total (eV-barns) 82-Pb-206
 Cross Section -61.11 To 351.3 %

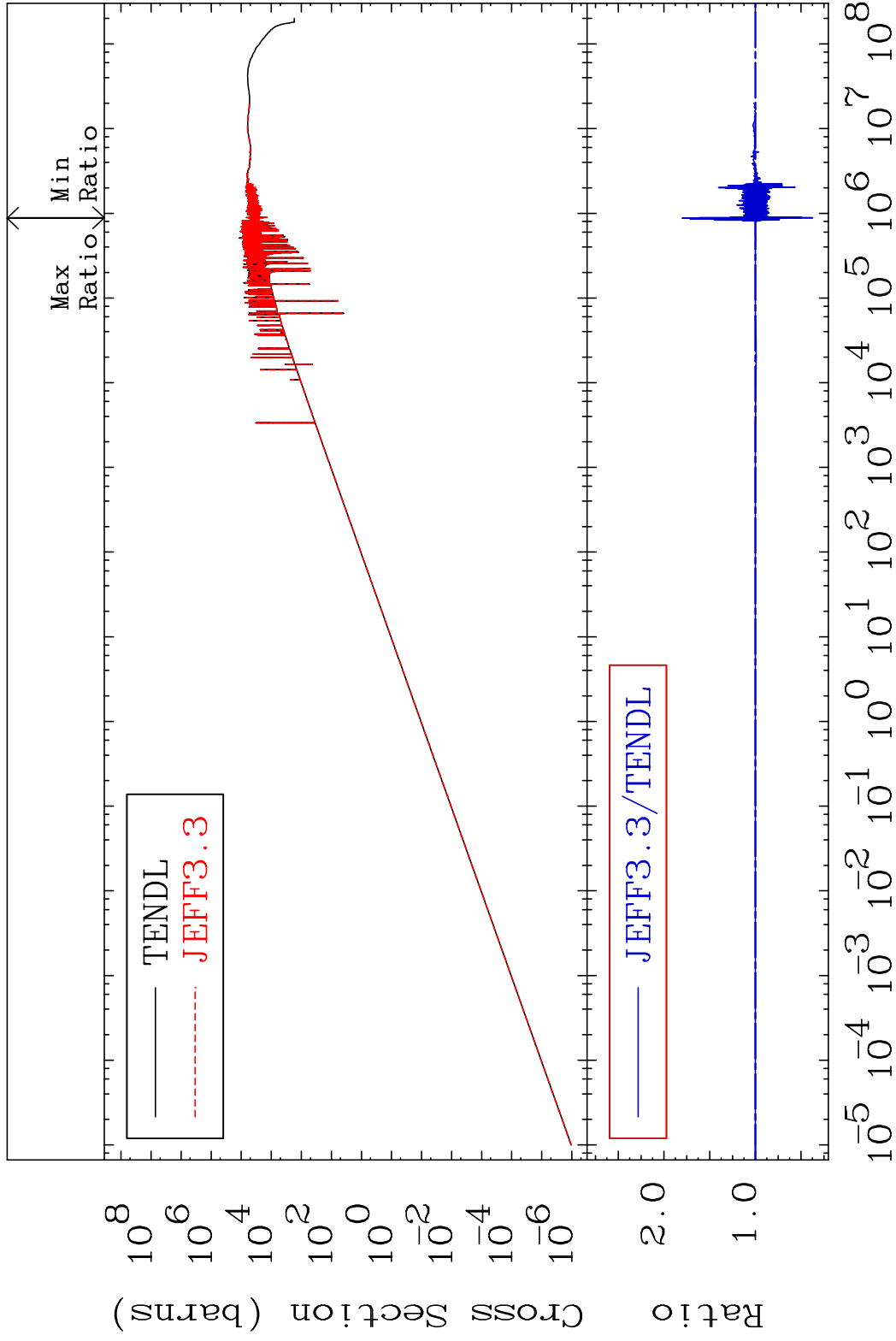


30 Incident Energy (eV) 82-Pb-206

MAT 8231

Kerma elastic
Cross Section

82-Pb-206
-62.58 To 79.86 %

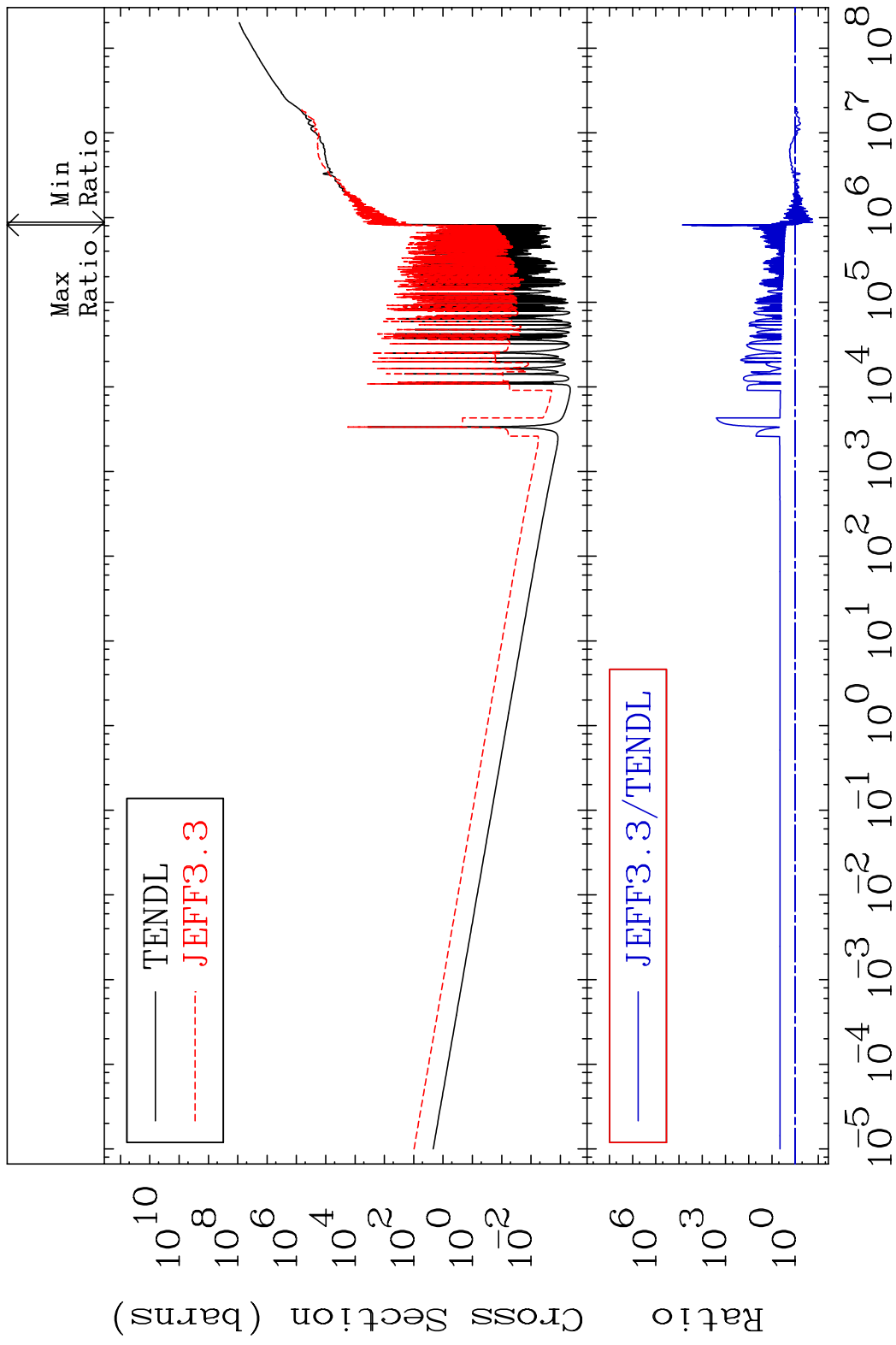


31

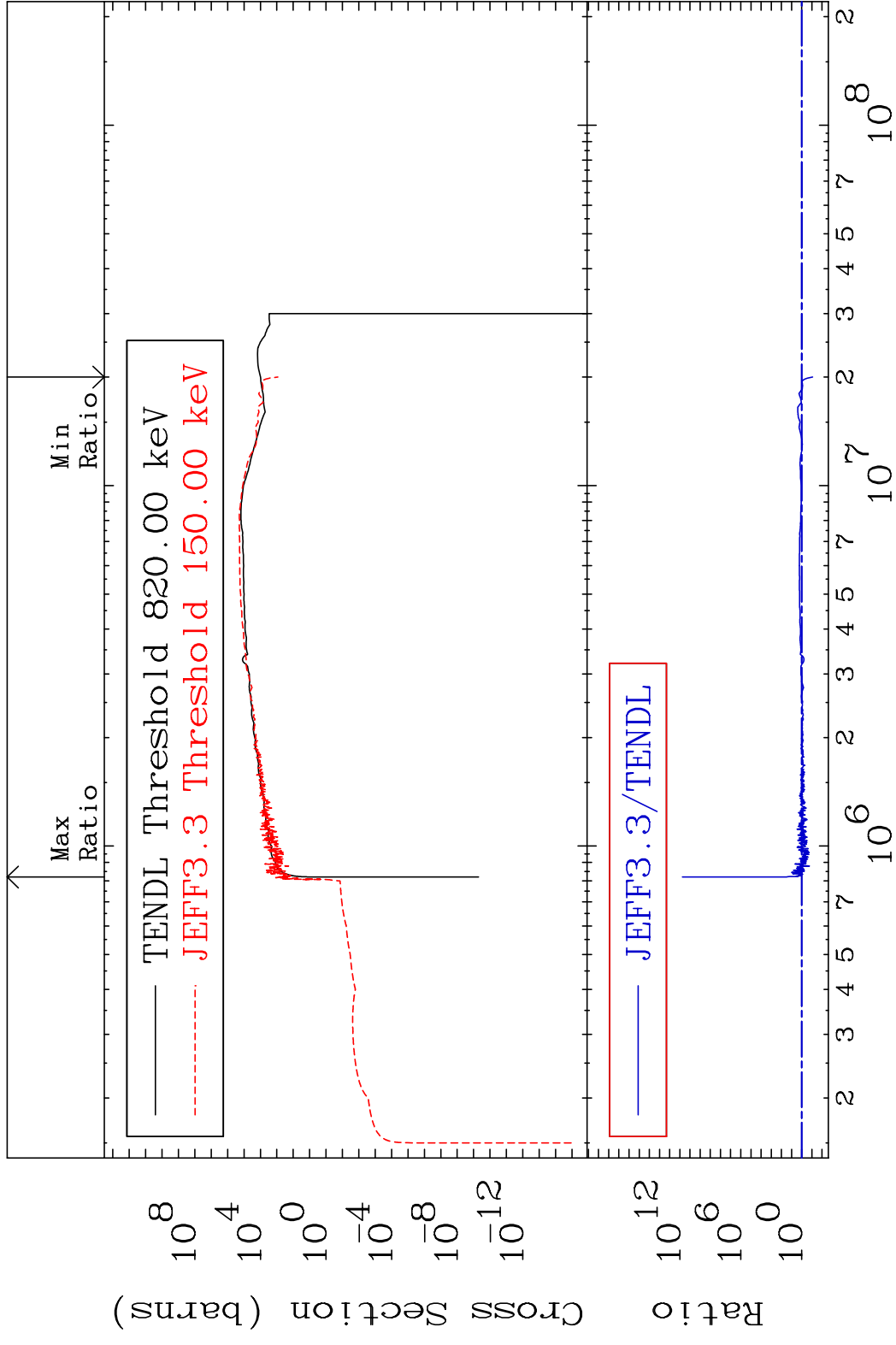
Incident Energy (eV)

82-Pb-206

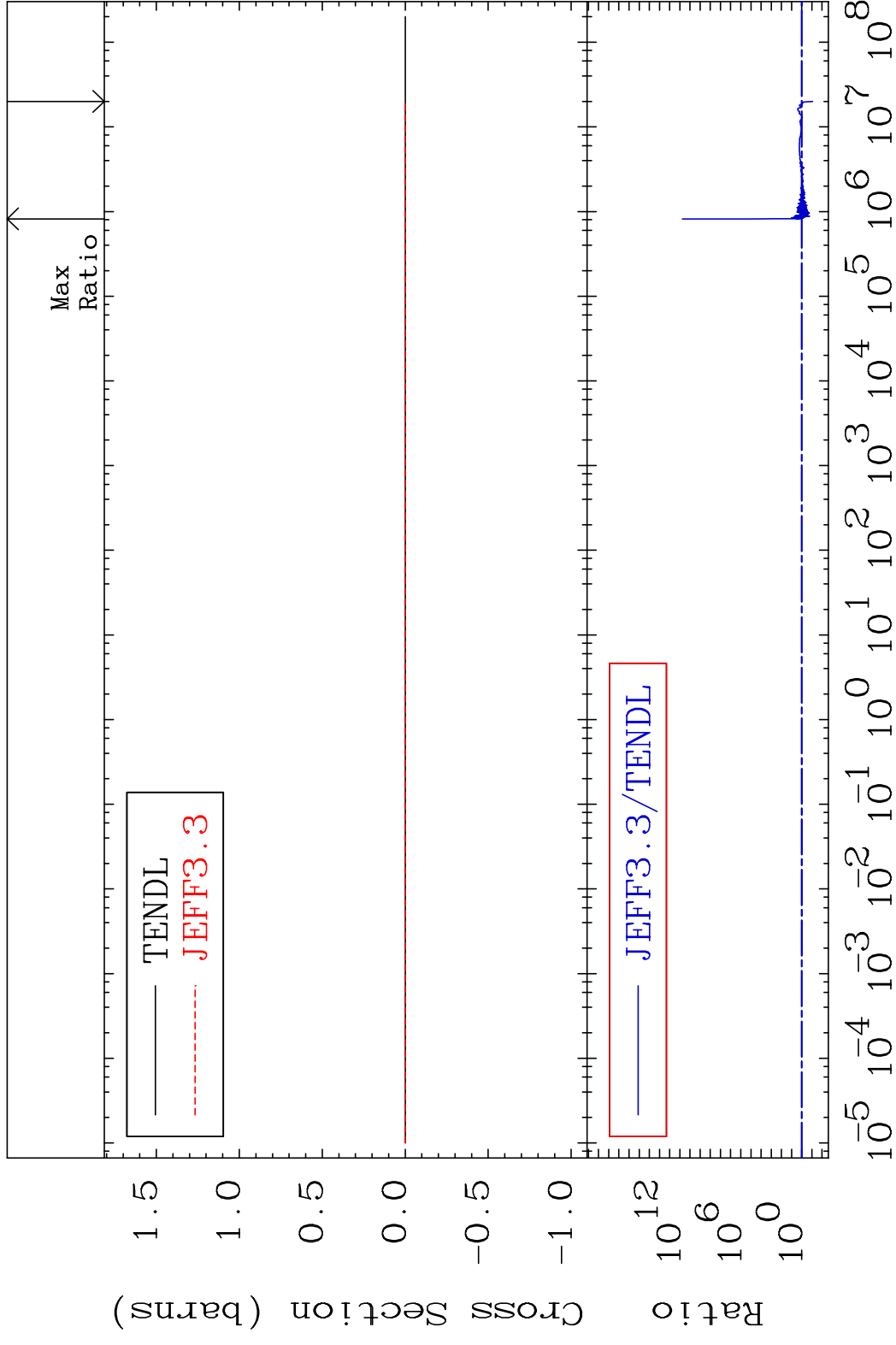
MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206
 Cross Section -82.23 To 9999. %



MAT 8231 Kerma inelastic (mt51-91) 82-Pb-206
 Cross Section -91.44 To 9999. %



MAT 8231 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-206
 Cross Section -91.44 To 9999. %

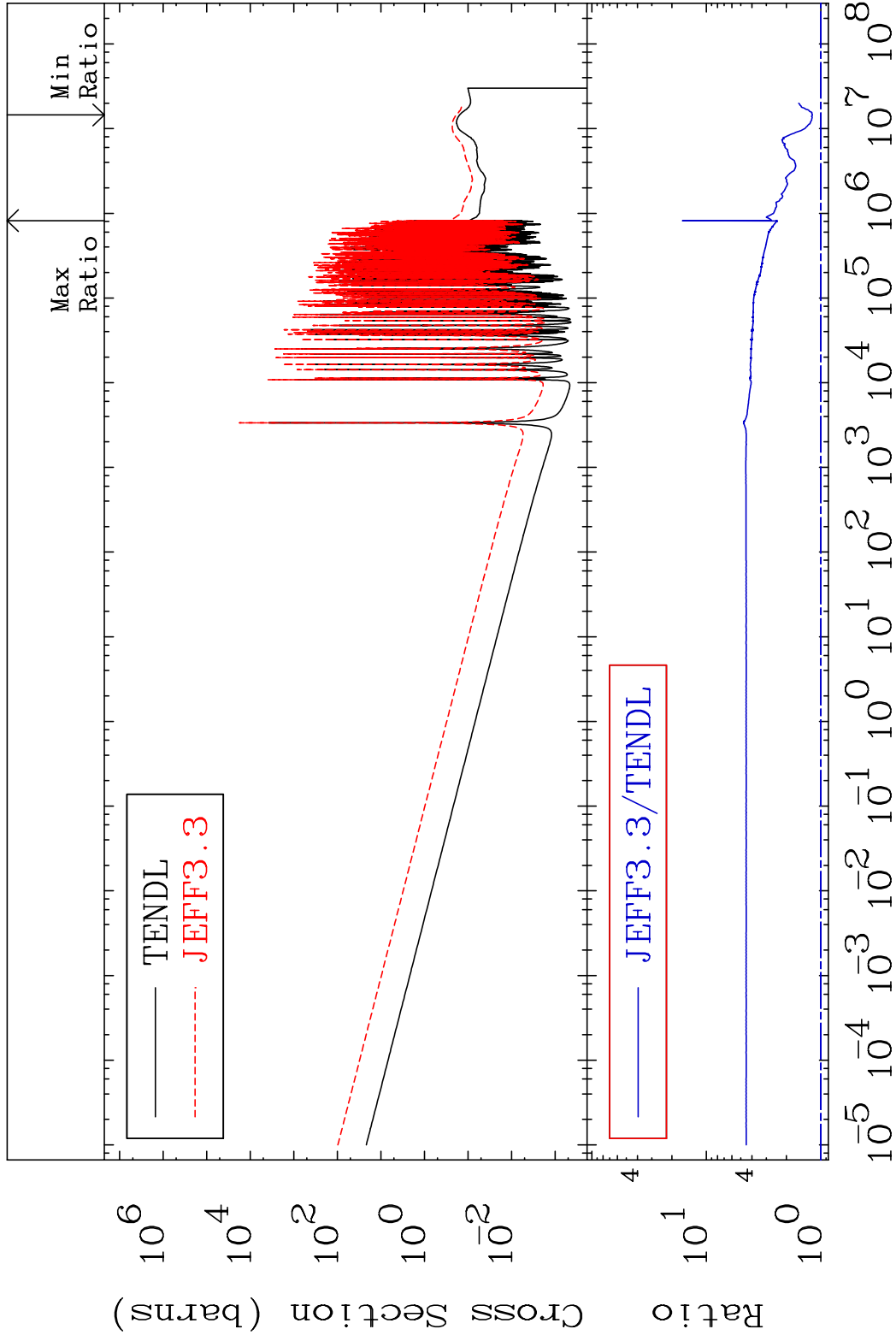


MAT 8231

Kerma capture (mt102)

82-Pb-206

Cross Section 18.30 To 1522. %

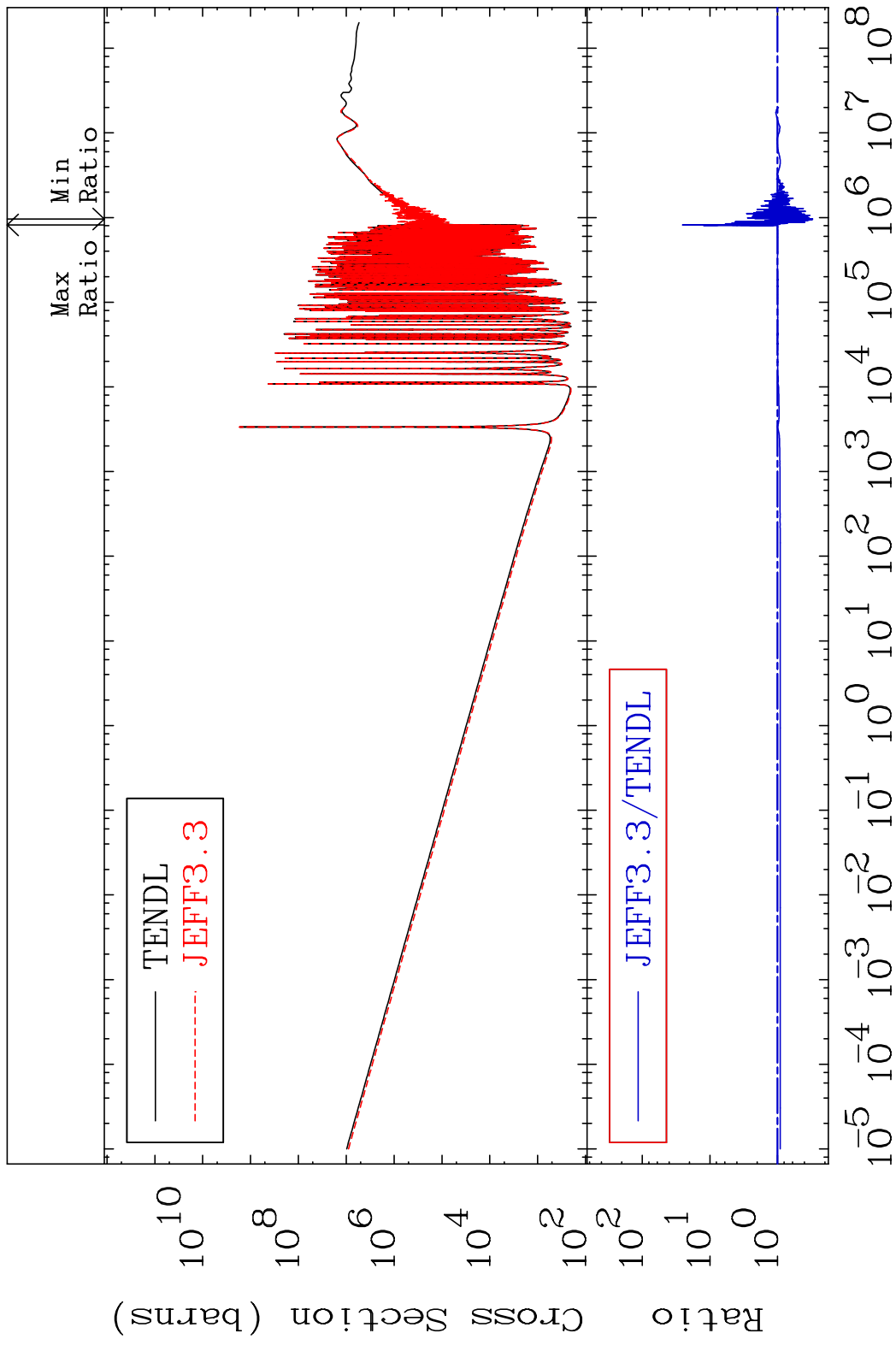


35

Incident Energy (eV)

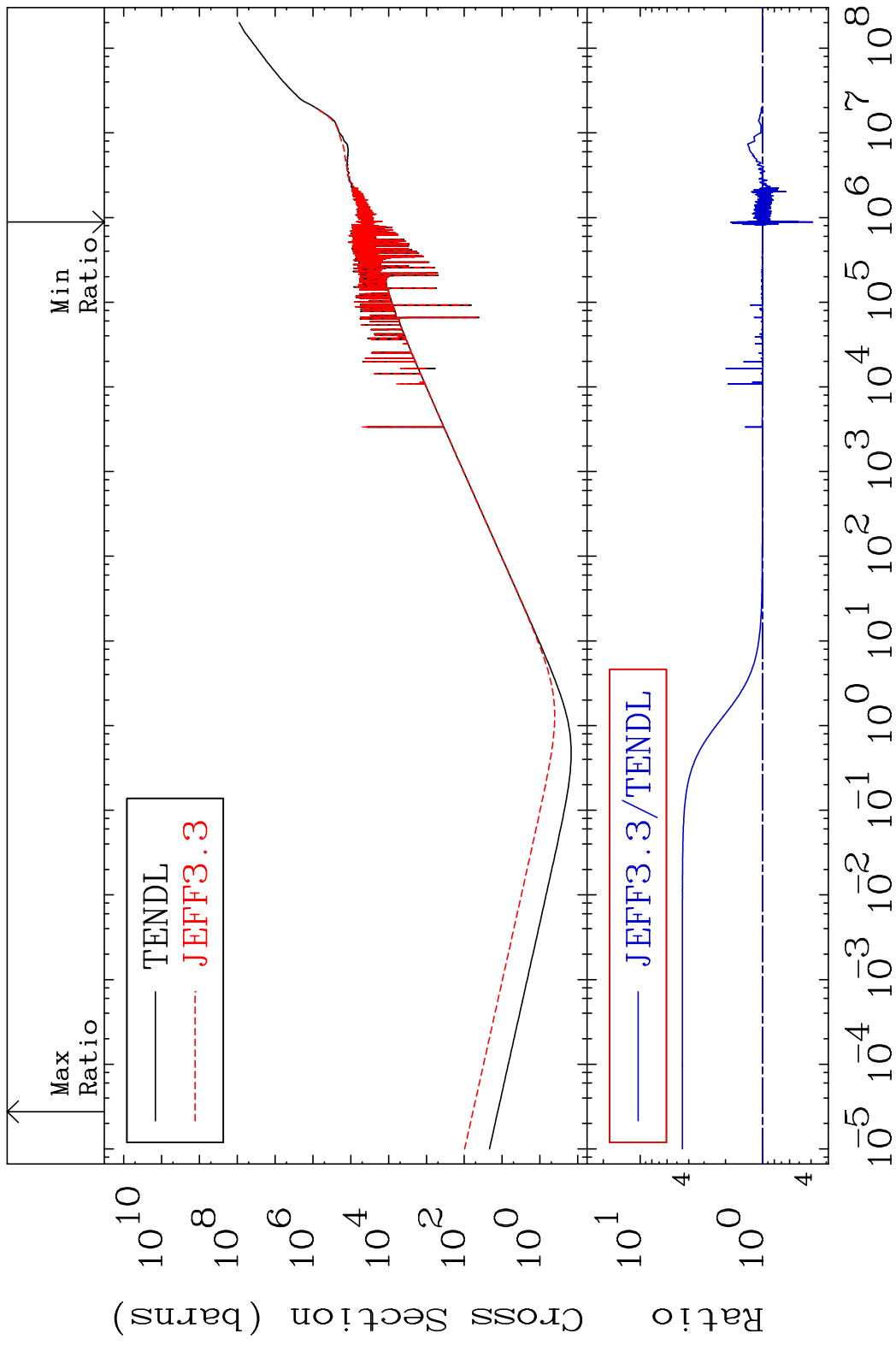
82-Pb-206

MAT 8231 Total photon (eV-barns) 82-Pb-206
Cross Section -69.58 To 2452. %



36 Incident Energy (eV) 82-Pb-206

MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
 Cross Section -61.11 To 351.3 %

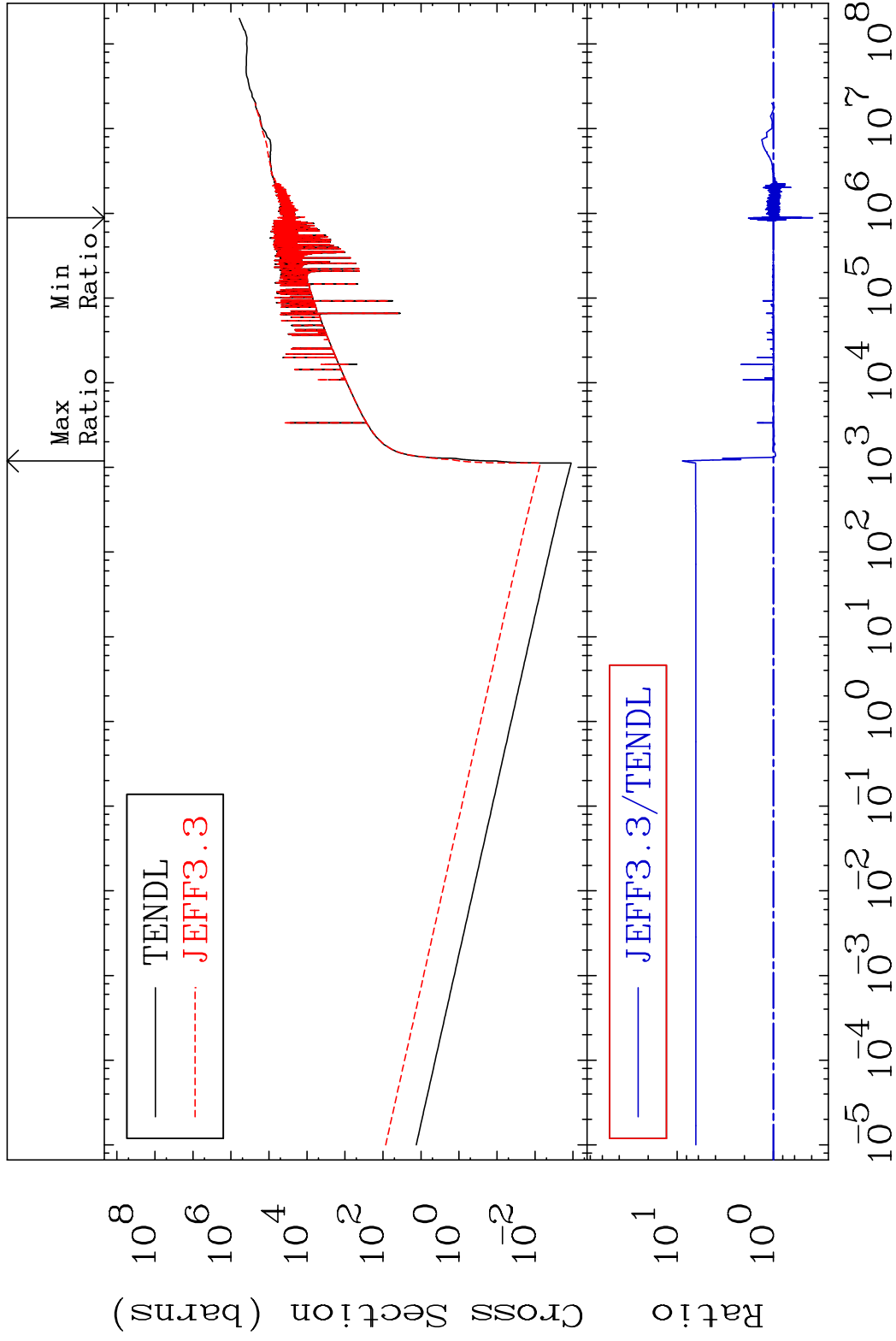


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -60.91 To 782.2 %



38

Incident Energy (eV)

82-Pb-206

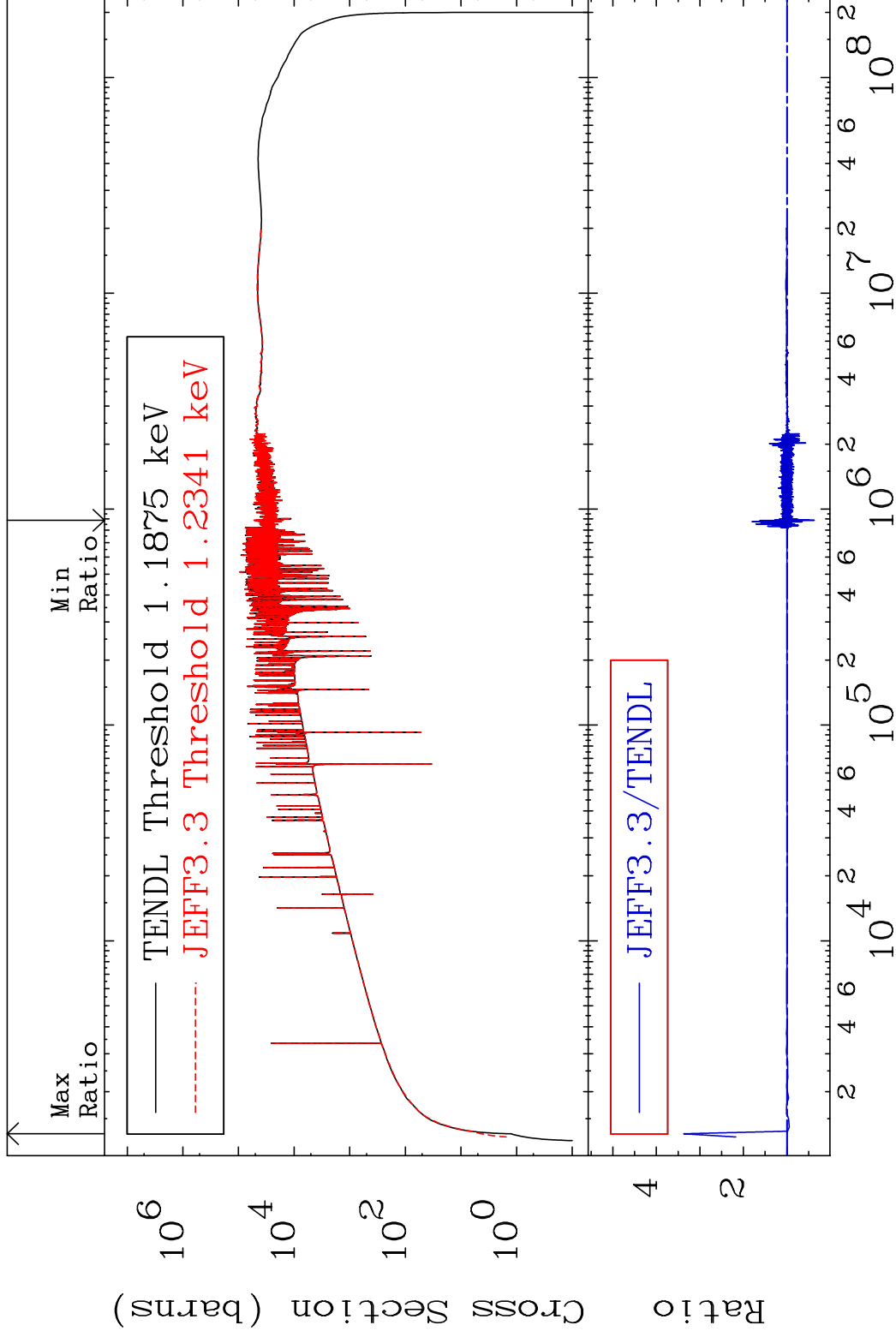
MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section

-62.57 To 237.2 %

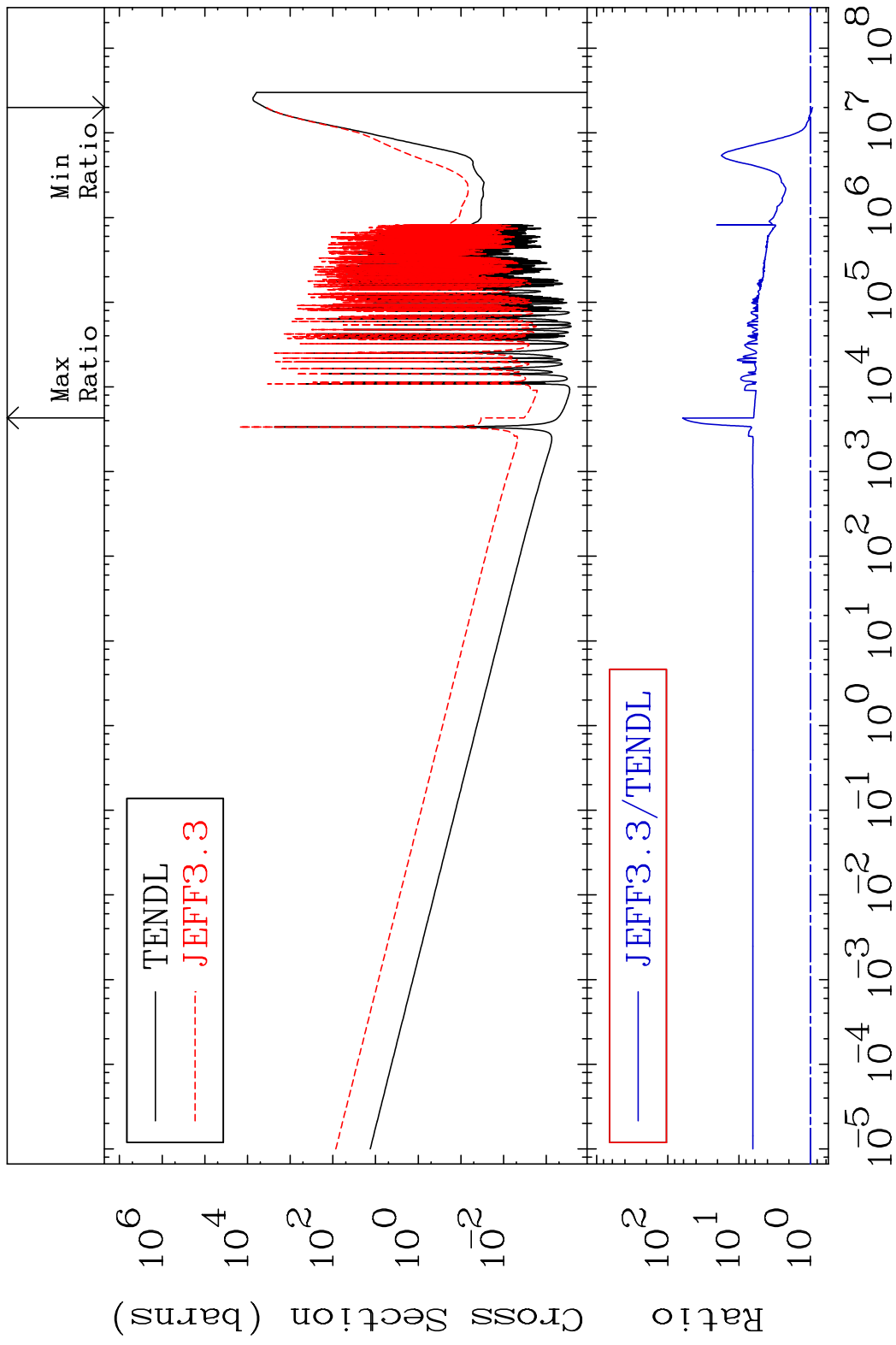


39

Incident Energy (eV)

82-Pb-206

MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
 Cross Section -6.996 To 6149. %

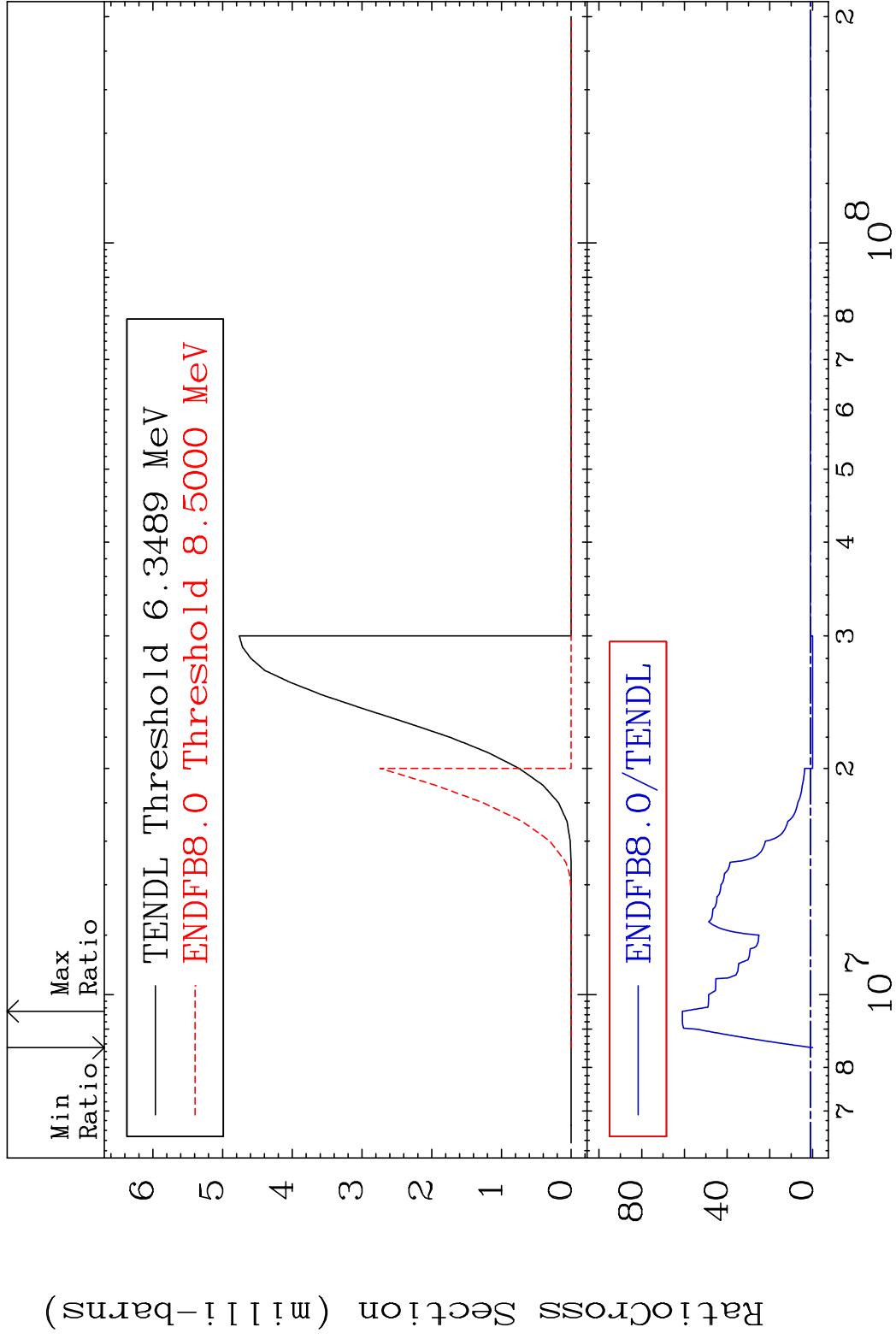


MAT 8231

(n, t)

82-Pb-206

Cross Section -100.0 To 5997. %



42

Incident Energy (eV)

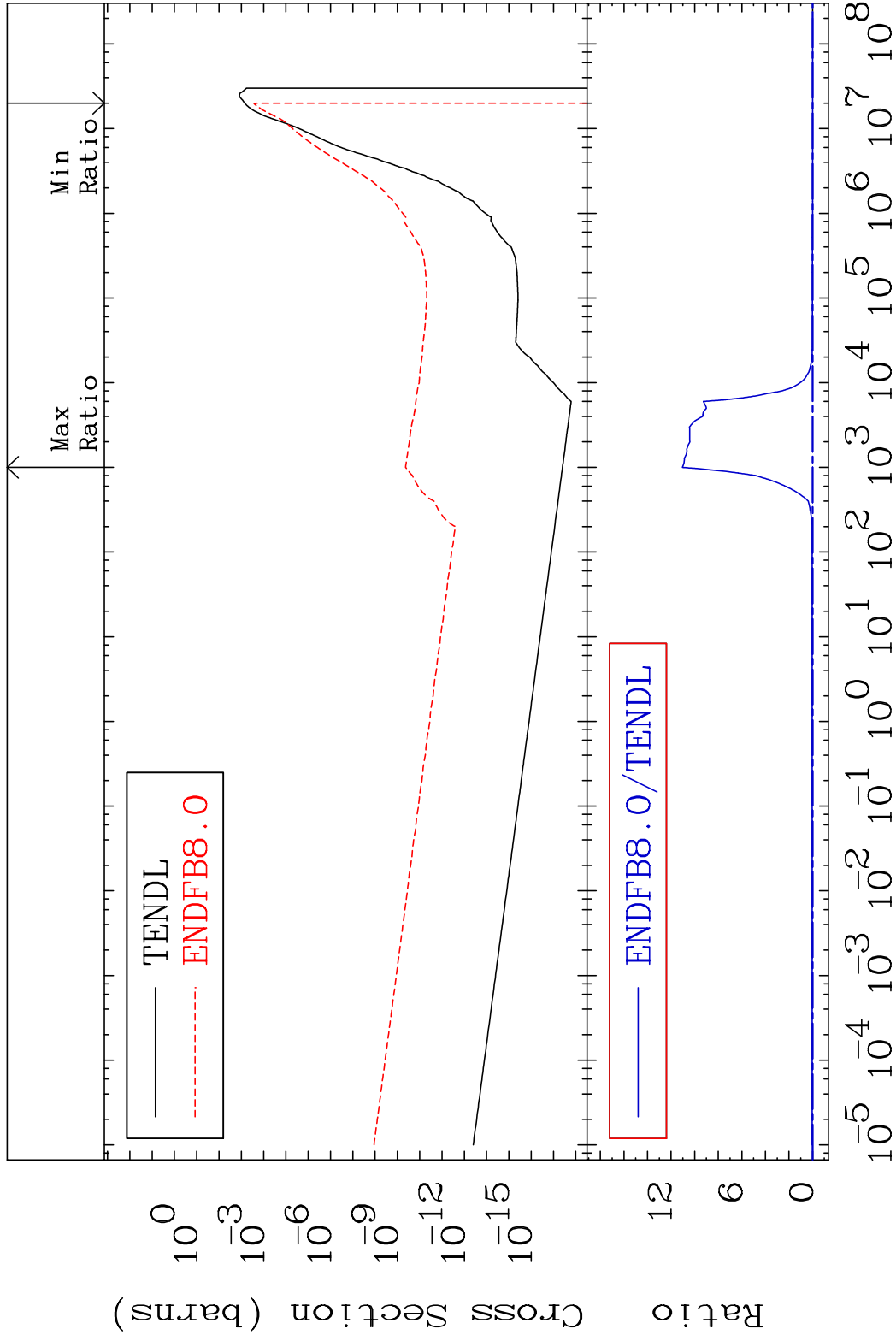
82-Pb-206

MAT 8231

(n, α)

82-Pb-206

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

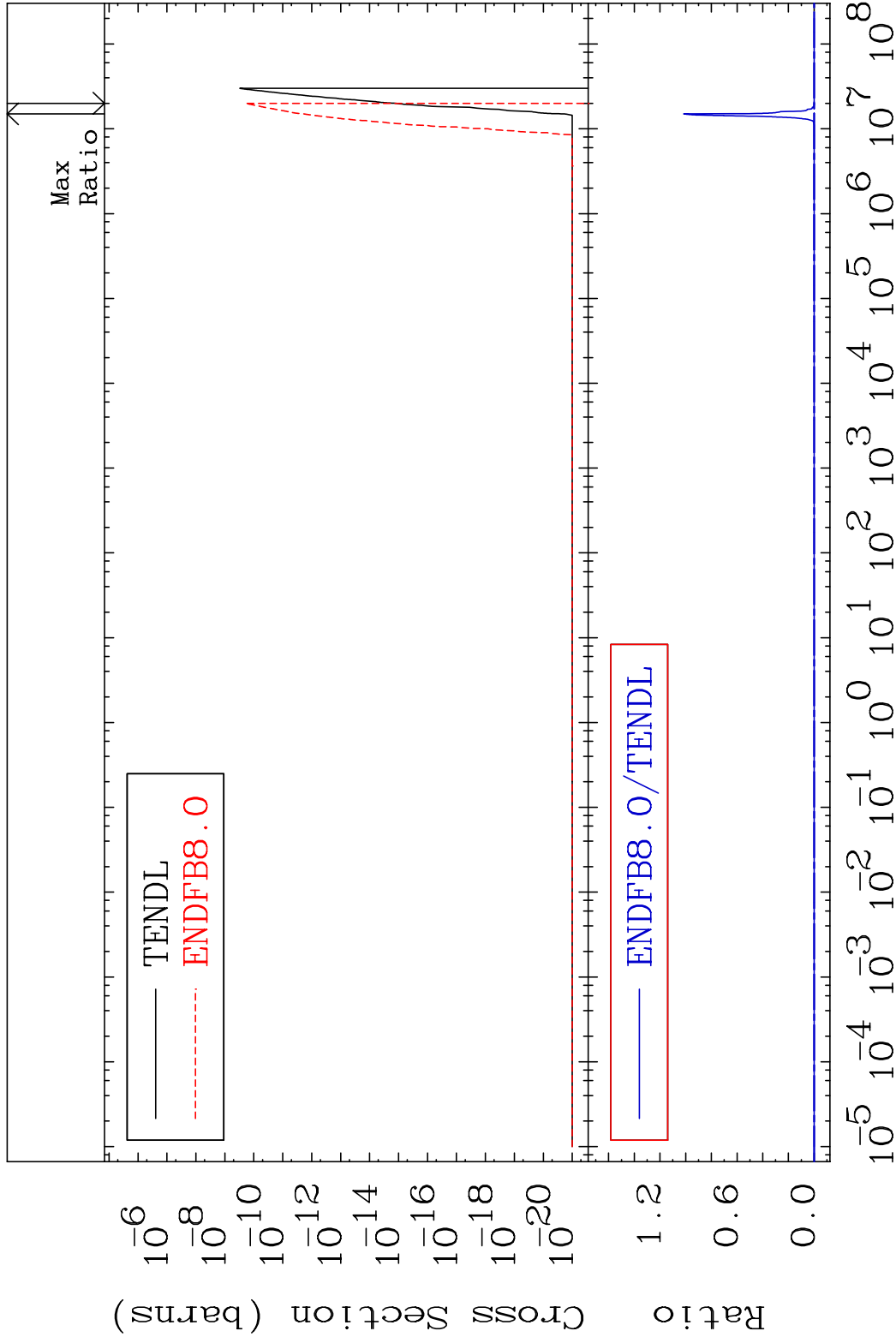
82-Pb-206

MAT 8231

(n,2α)

82-Pb-206

Cross Section -100.0 To 9999. %

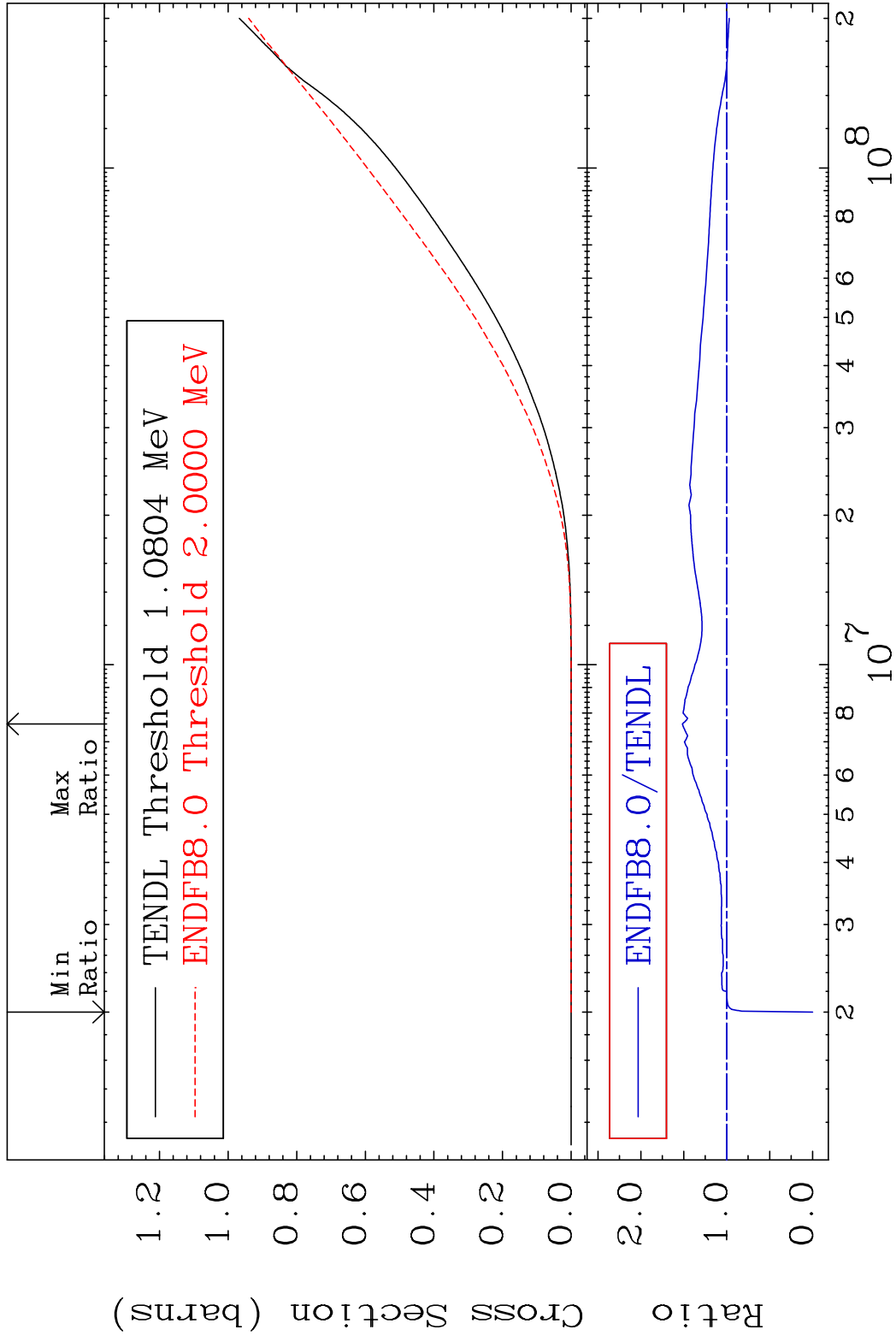


MAT 8231

Hydrogen Production

82-Pb-206

Cross Section -100.0 To 51.68 %



45

Incident Energy (eV)

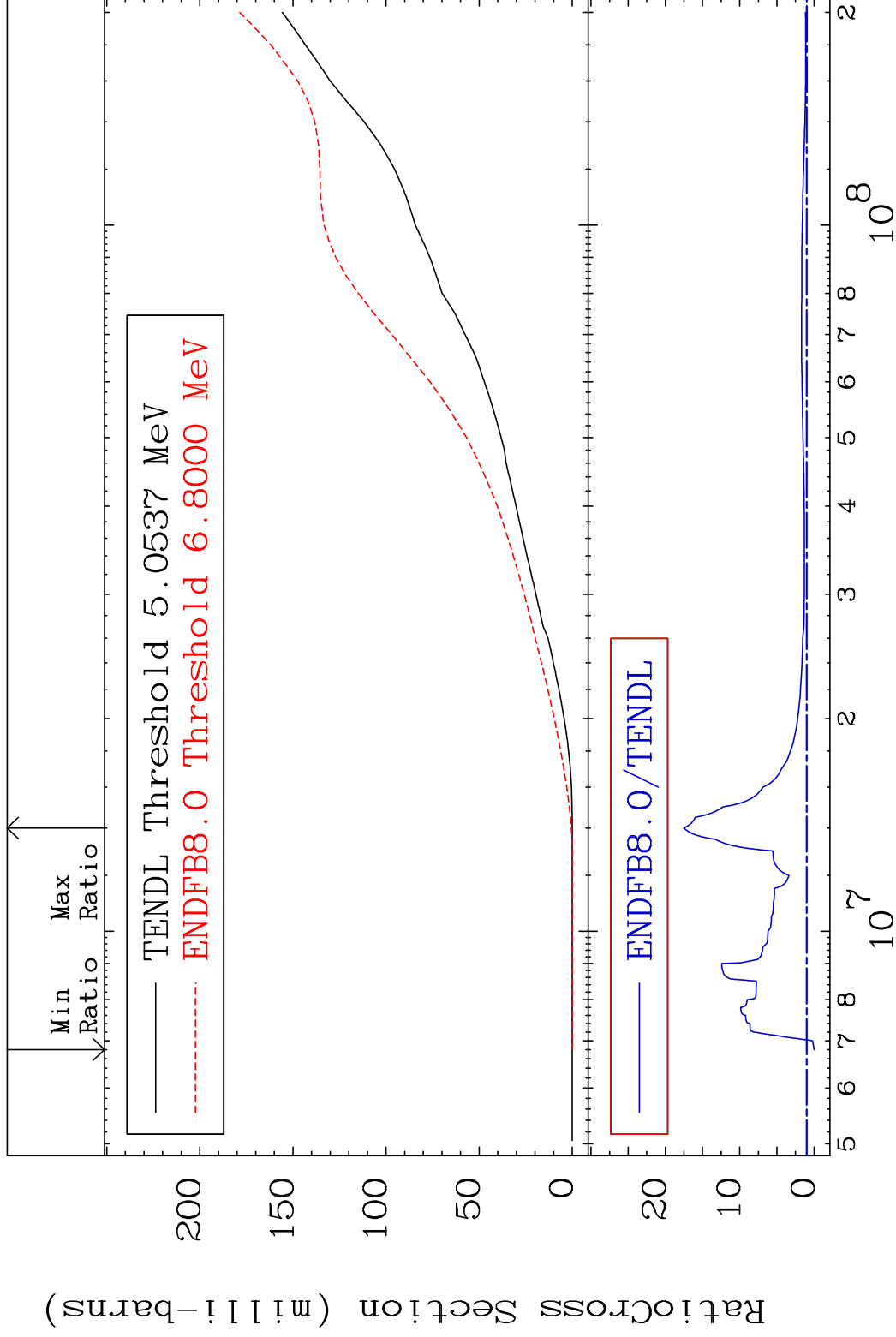
82-Pb-206

MAT 8231

Deuterium Production

82-Pb-206

Cross Section -100.0 To 1654. %



46

Incident Energy (eV)

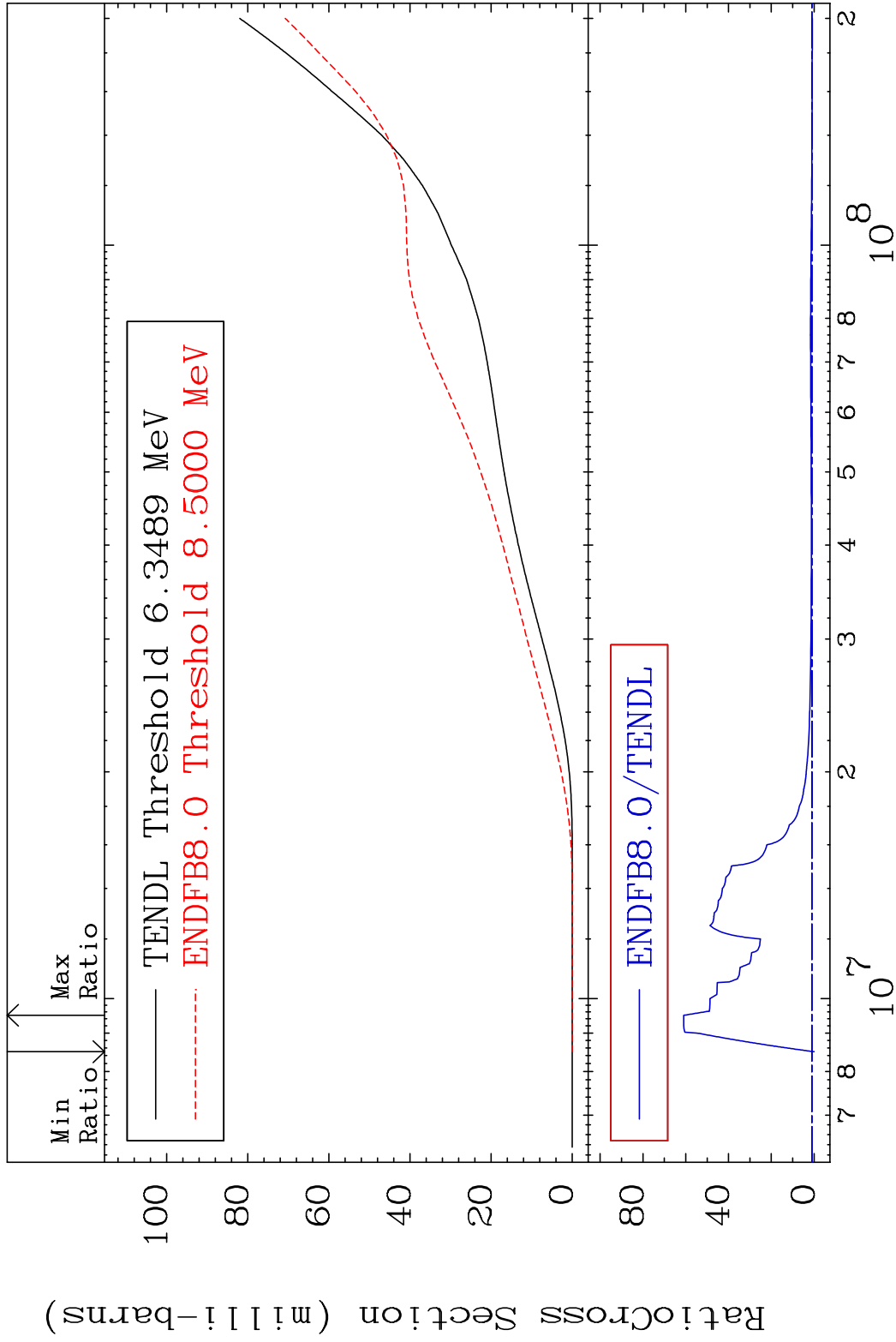
82-Pb-206

MAT 8231

Tritium Production

82-Pb-206

Cross Section -100.0 To 5997. %



47

Incident Energy (eV)

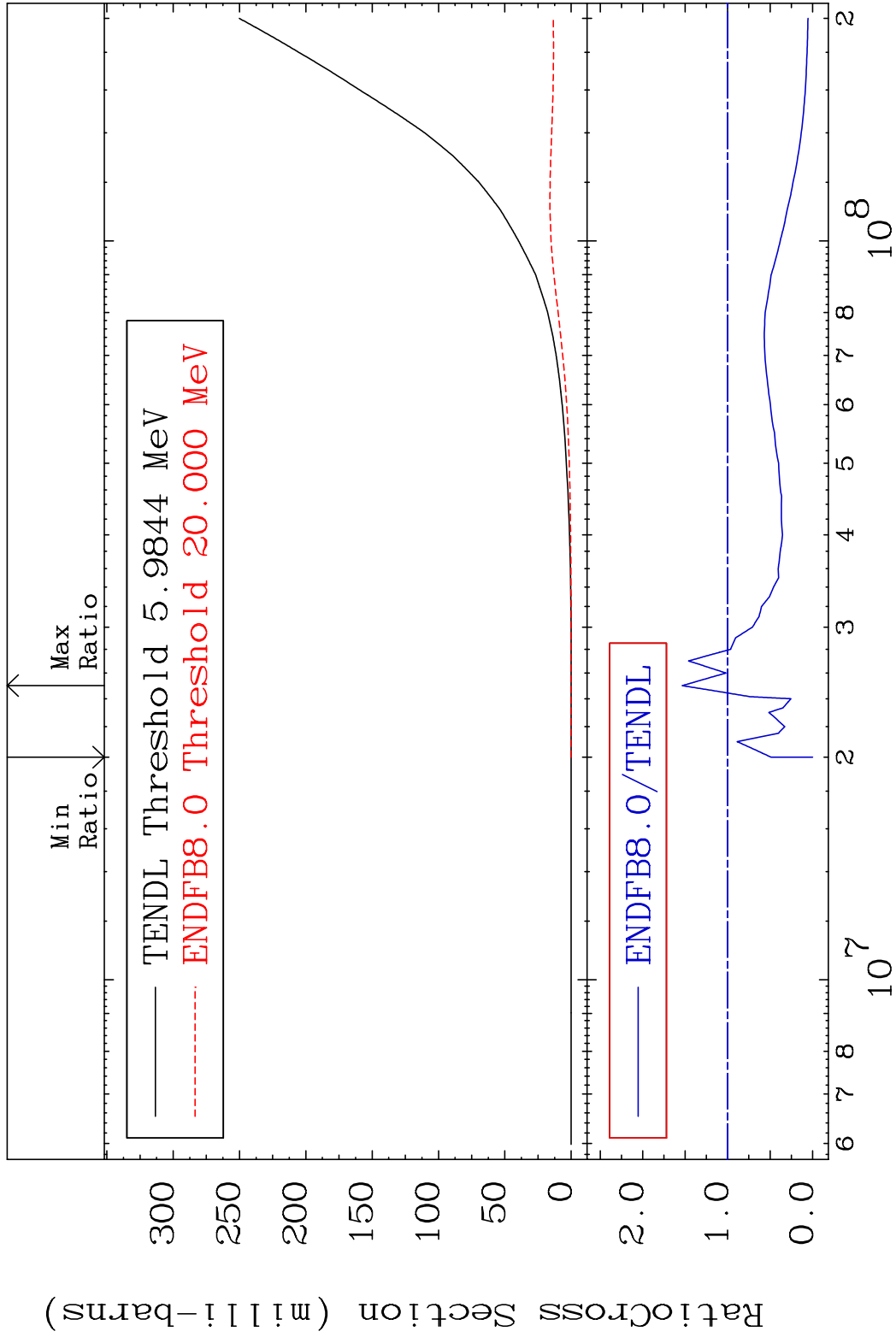
82-Pb-206

MAT 8231

He-3 Production

82-Pb-206

Cross Section -100.0 To 53.31 %



48

Incident Energy (eV)

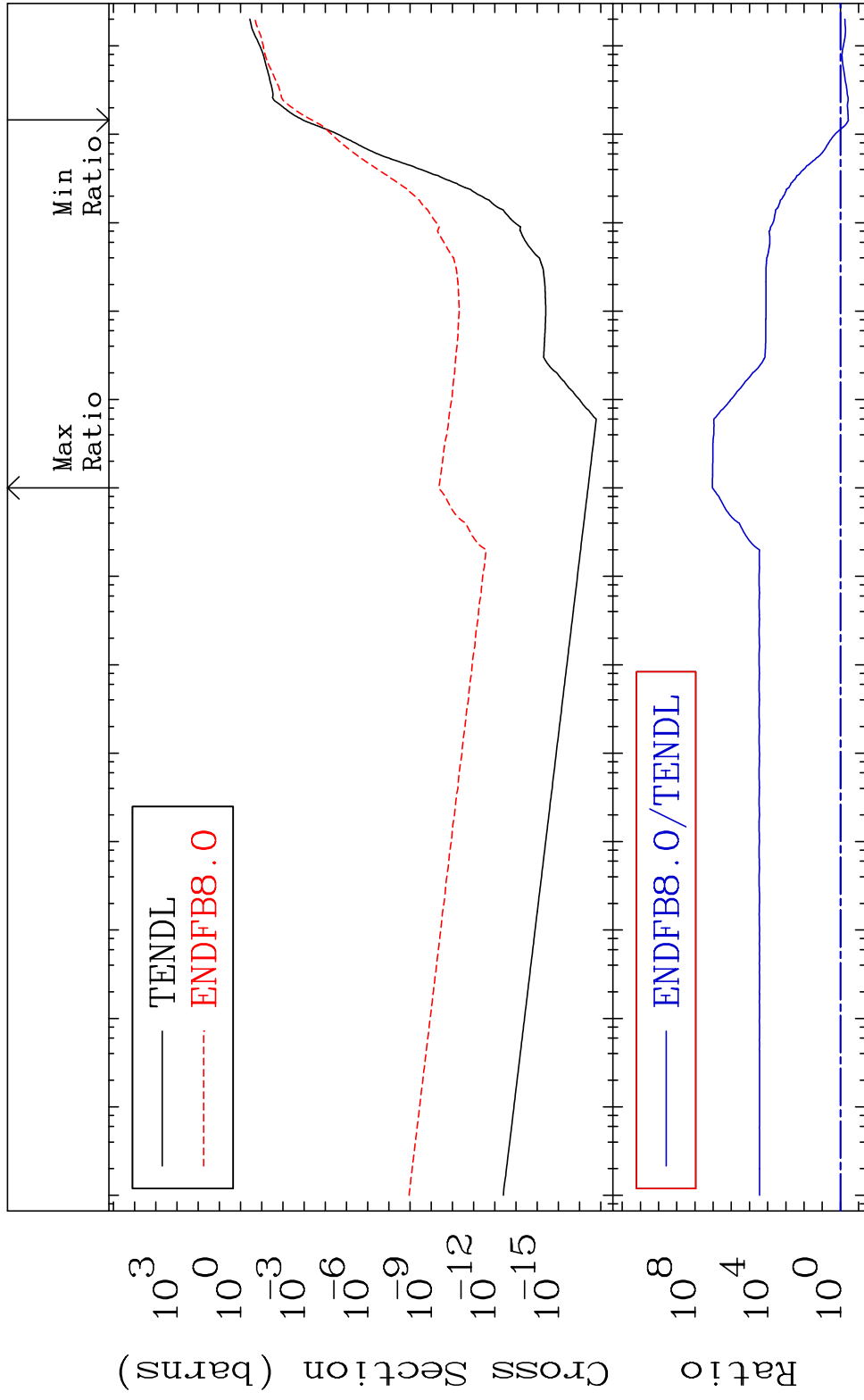
82-Pb-206

MAT 8231

He-4 Production

82-Pb-206

Cross Section -62.99 To 9999. %

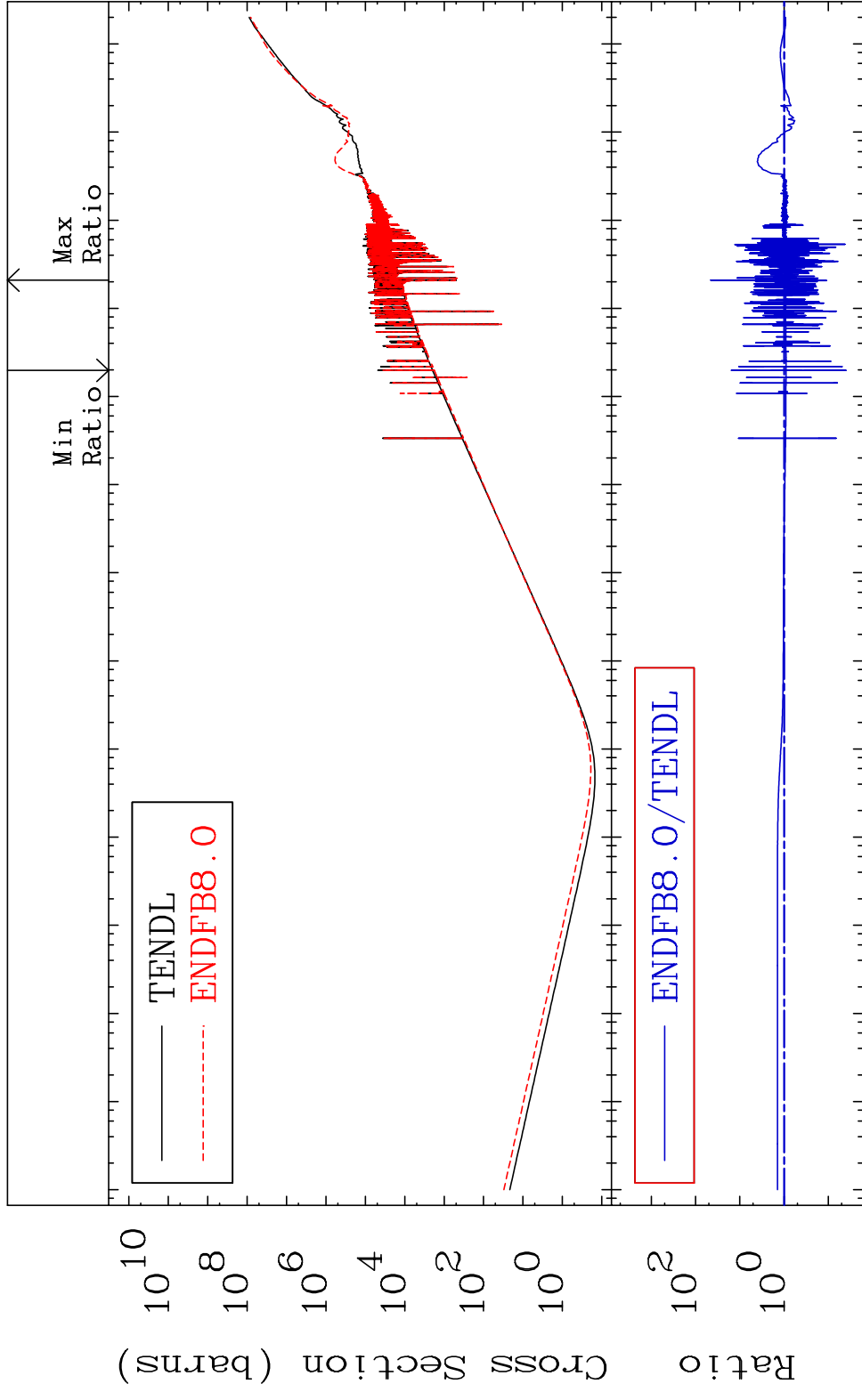


49

Incident Energy (eV)

82-Pb-206

MAT 8231 Kerma total (eV-barns) 82-Pb-206
 Cross Section -96.07 To 4442. %



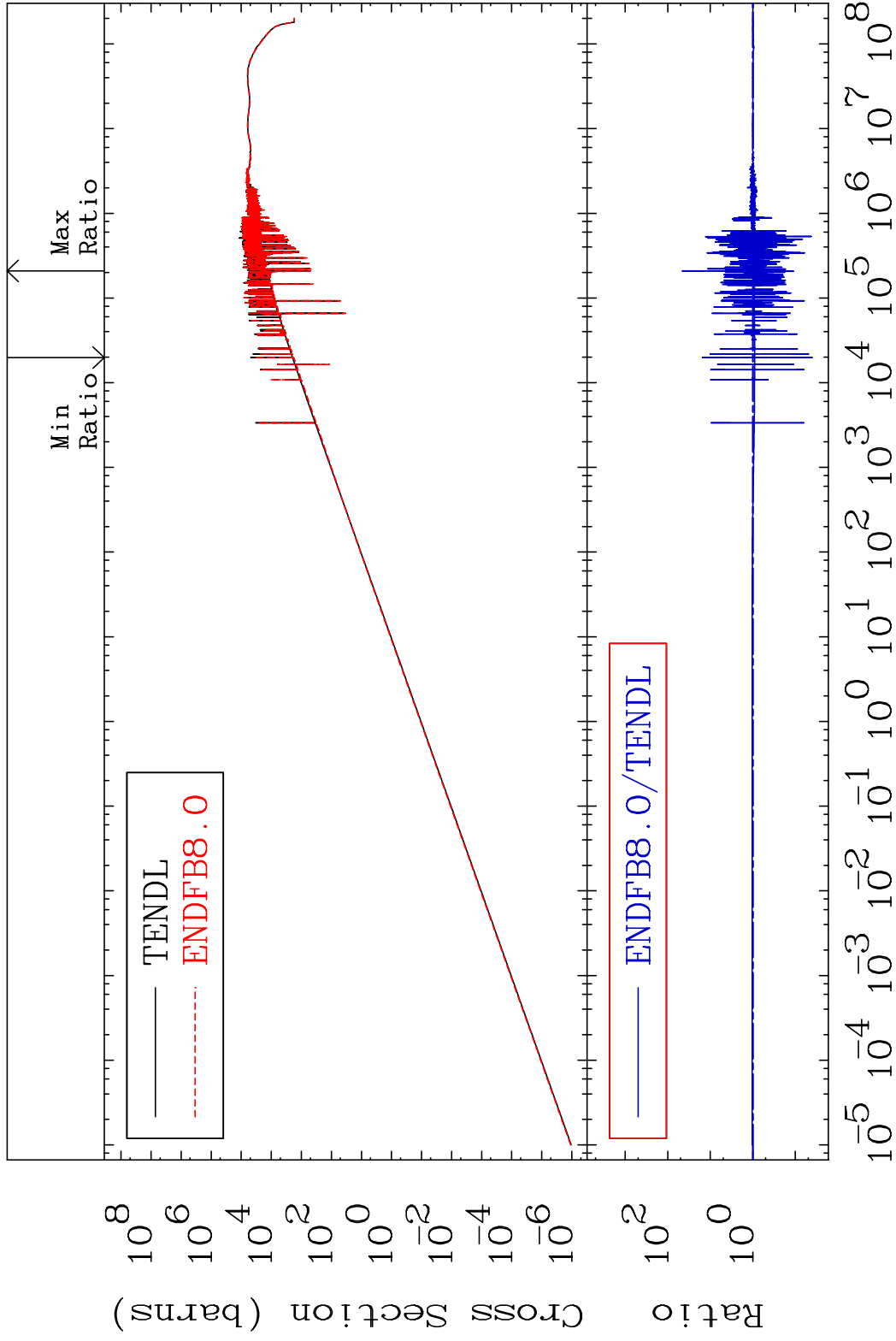
50 Incident Energy (eV) 82-Pb-206

MAT 8231

Kerma elastic

82-Pb-206

Cross Section -96.06 To 4443. %

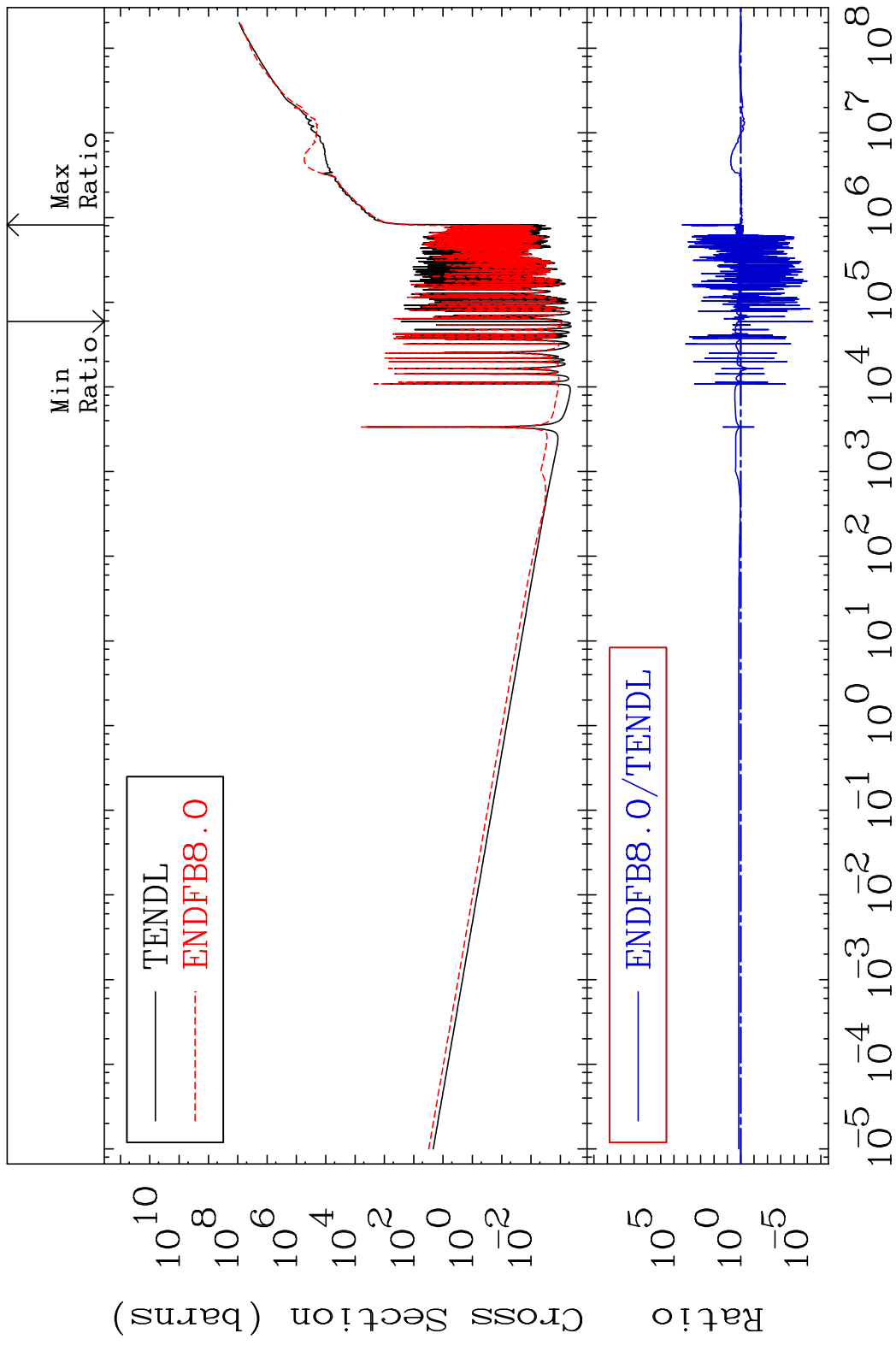


51

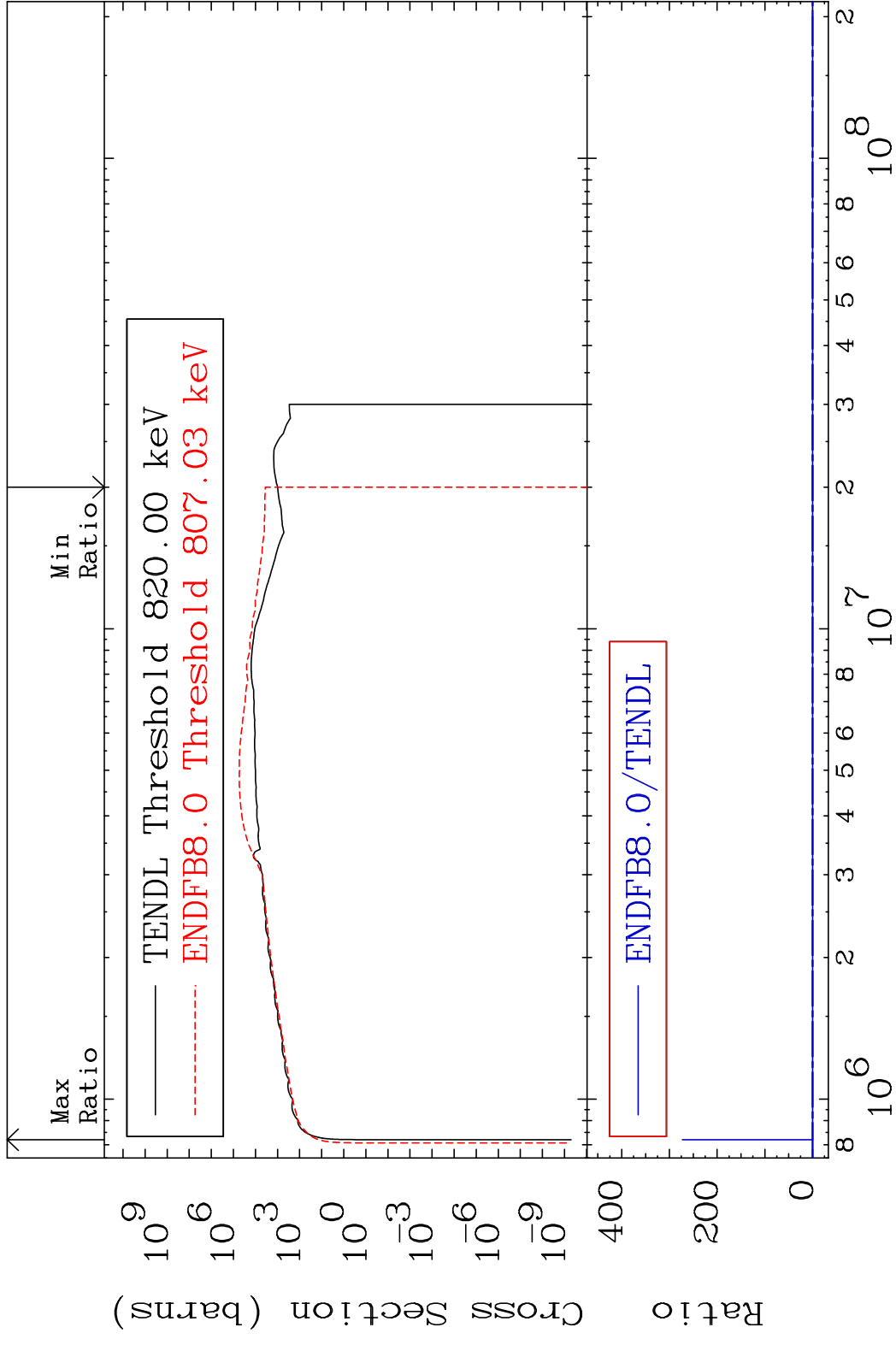
Incident Energy (eV)

82-Pb-206

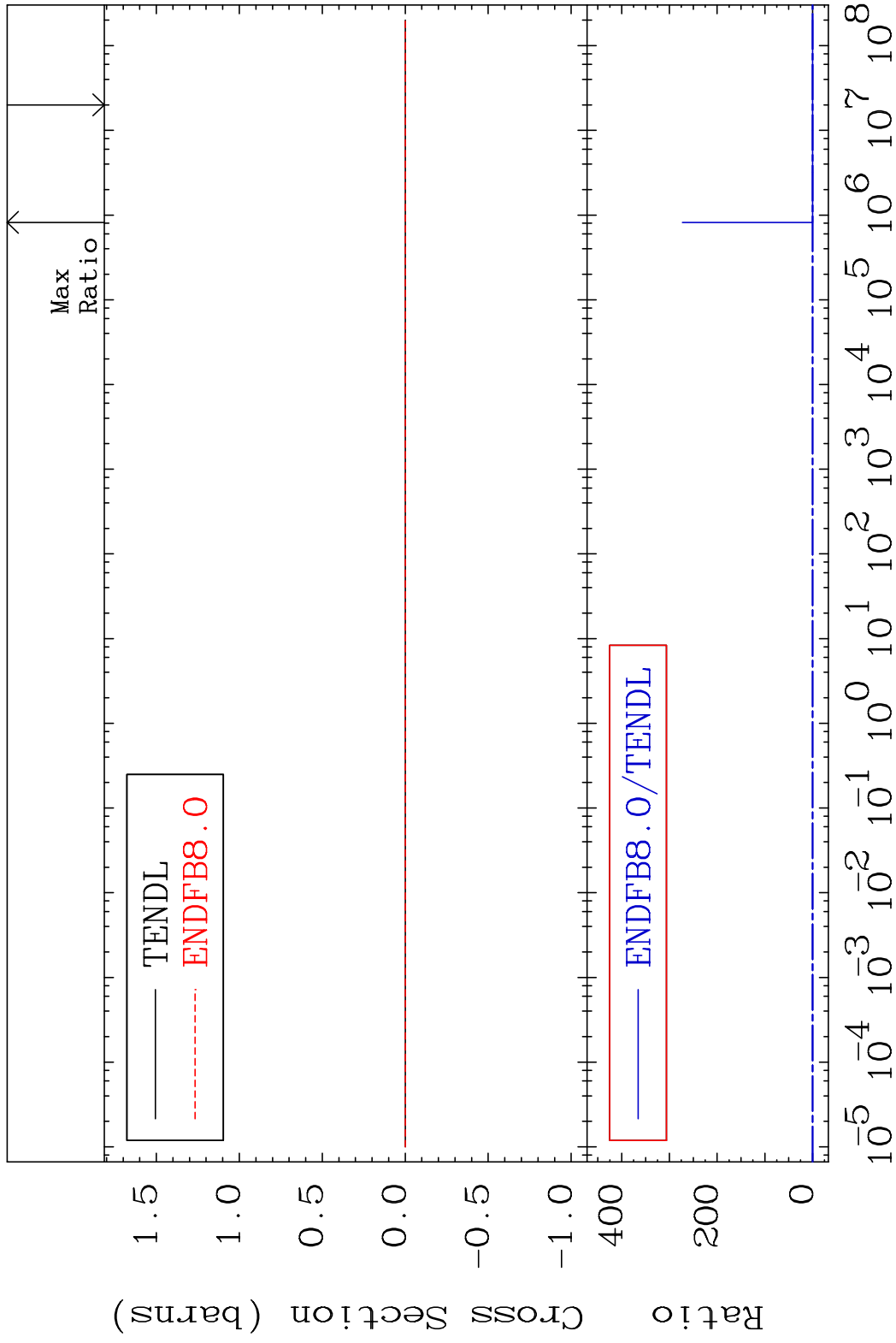
MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206
 Cross Section -100.0 To 9999. %



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



MAT 8231 Kerma fission (mt18 or mt19-20-21-38)82-Pb-206
 Cross Section -100.0 To 9999. %

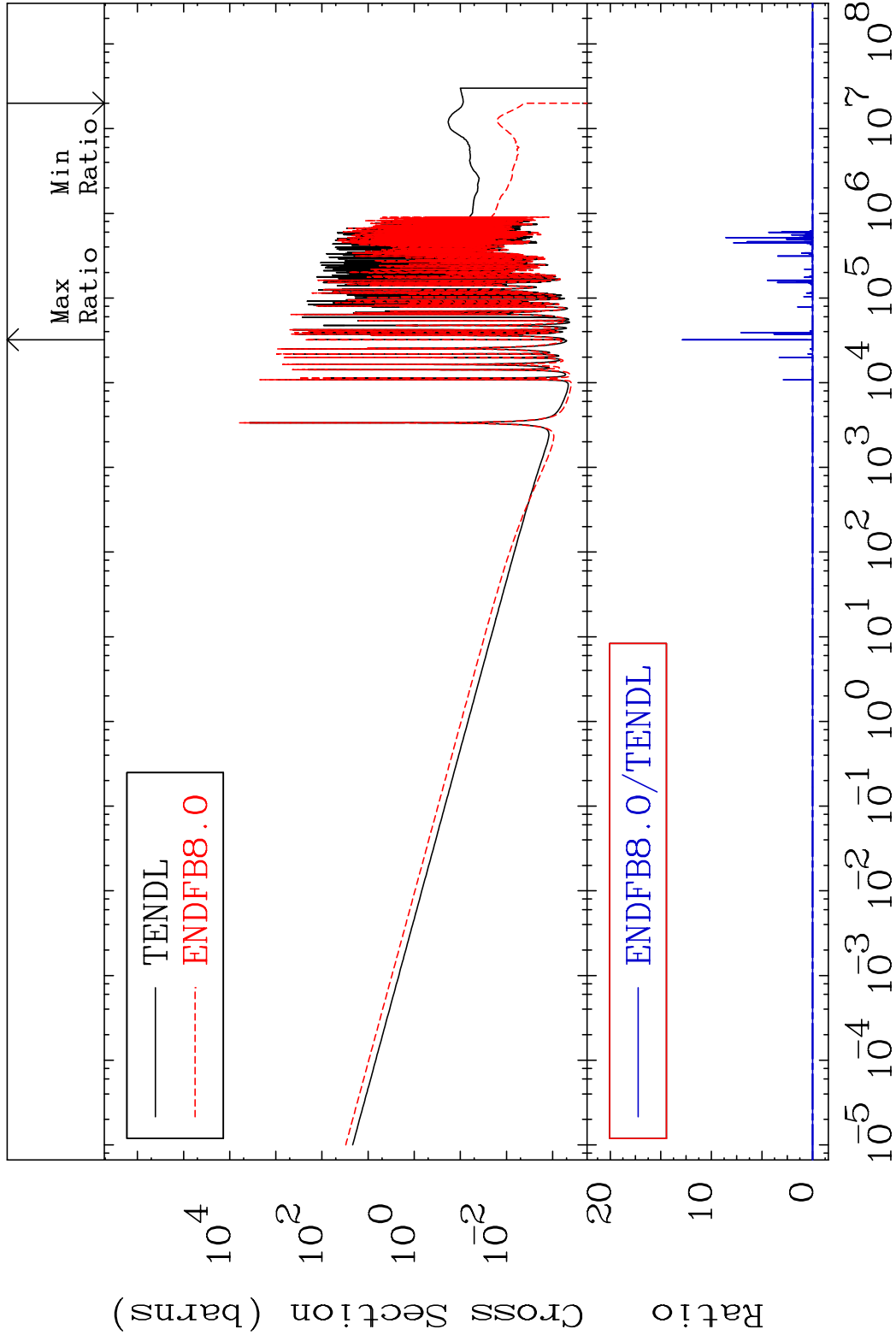


MAT 8231

Kerma capture (mt102)

82-Pb-206

Cross Section -100.0 To 9999. %

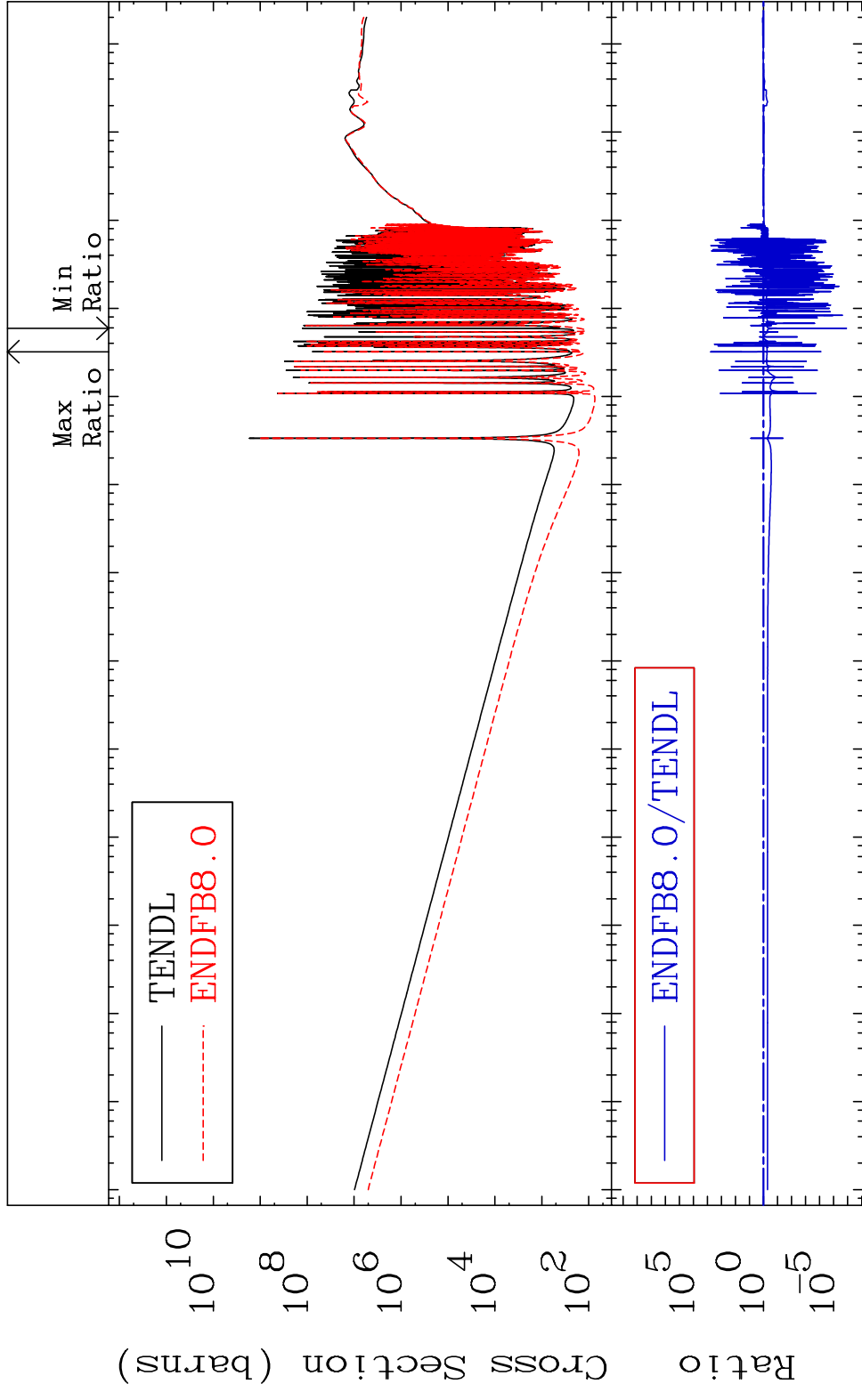


55

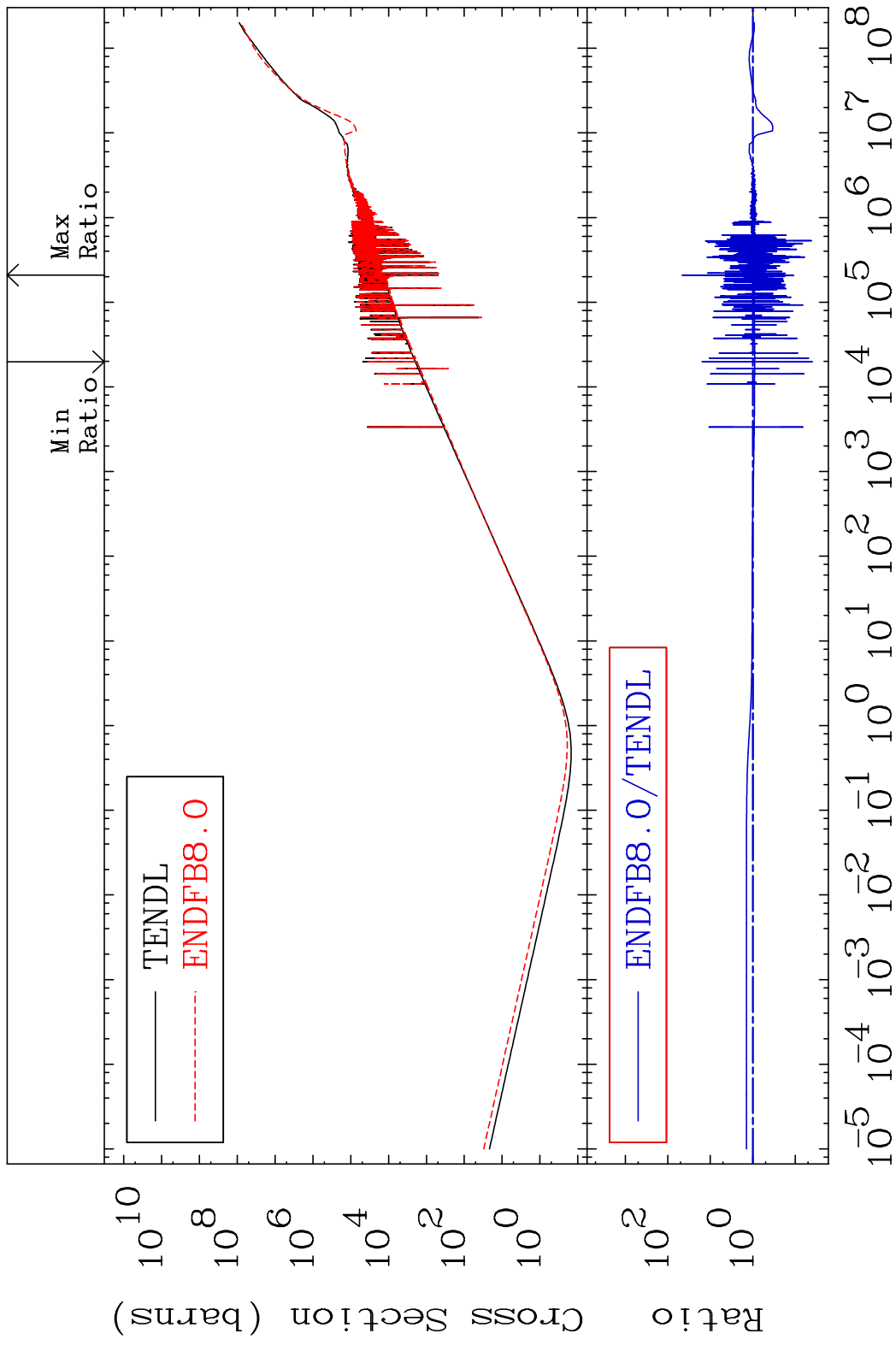
Incident Energy (eV)

82-Pb-206

MAT 8231 Total photon (eV-barns) 82-Pb-206
 Cross Section -100.0 To 9999. %



MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
 Cross Section -96.07 To 4442. %

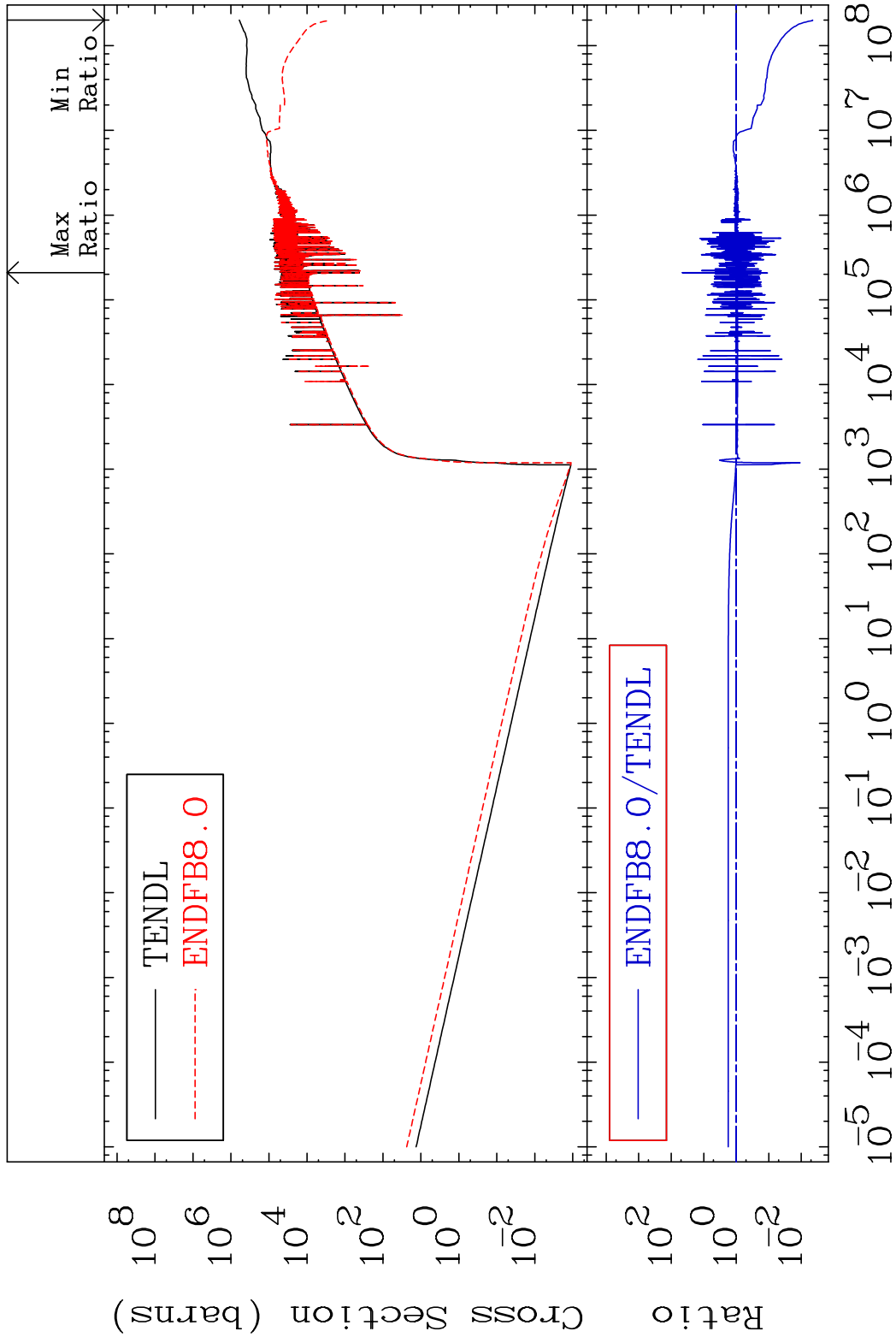


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -99.55 To 4442. %



58

Incident Energy (eV)

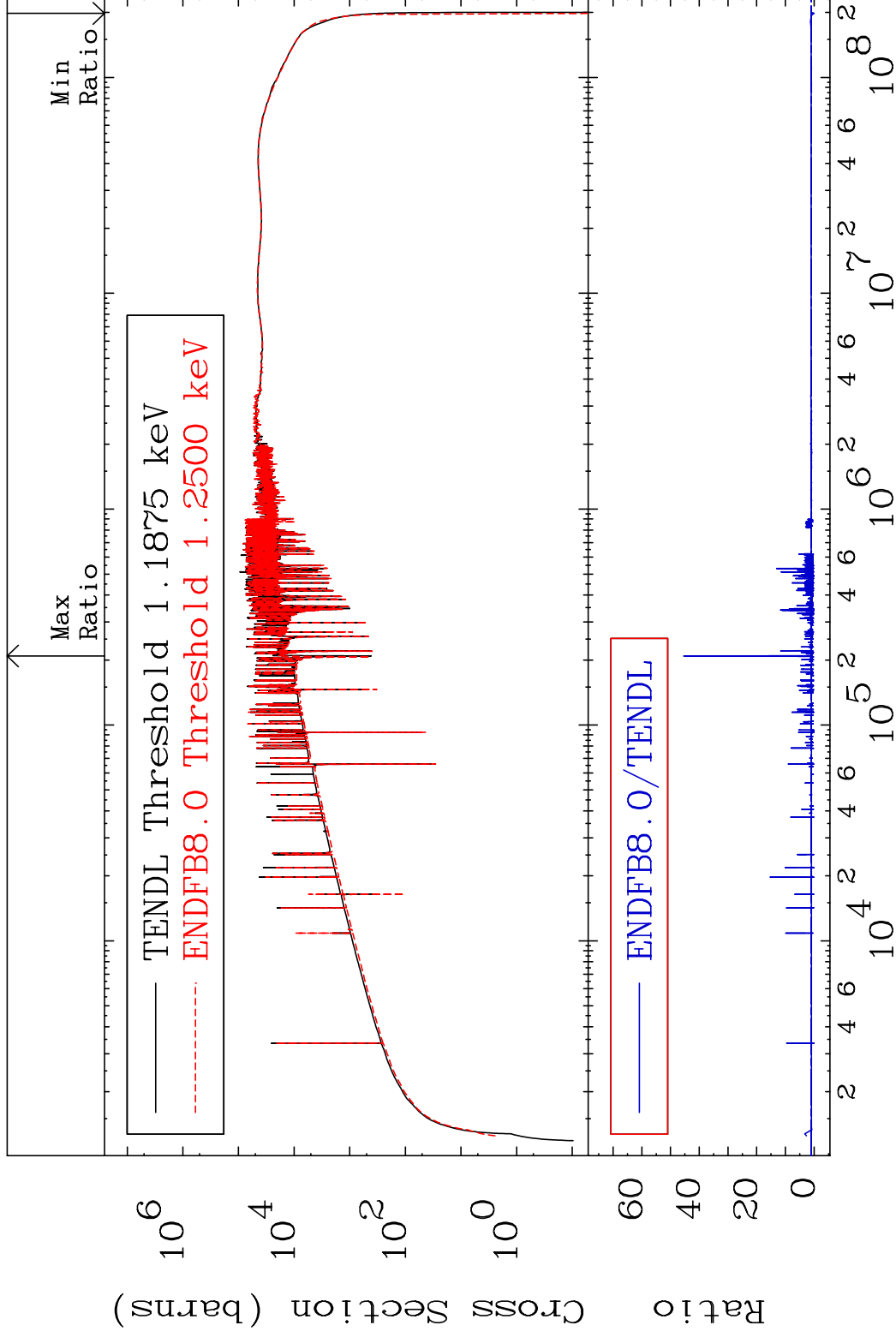
82-Pb-206

MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section -100.0 To 4443. %

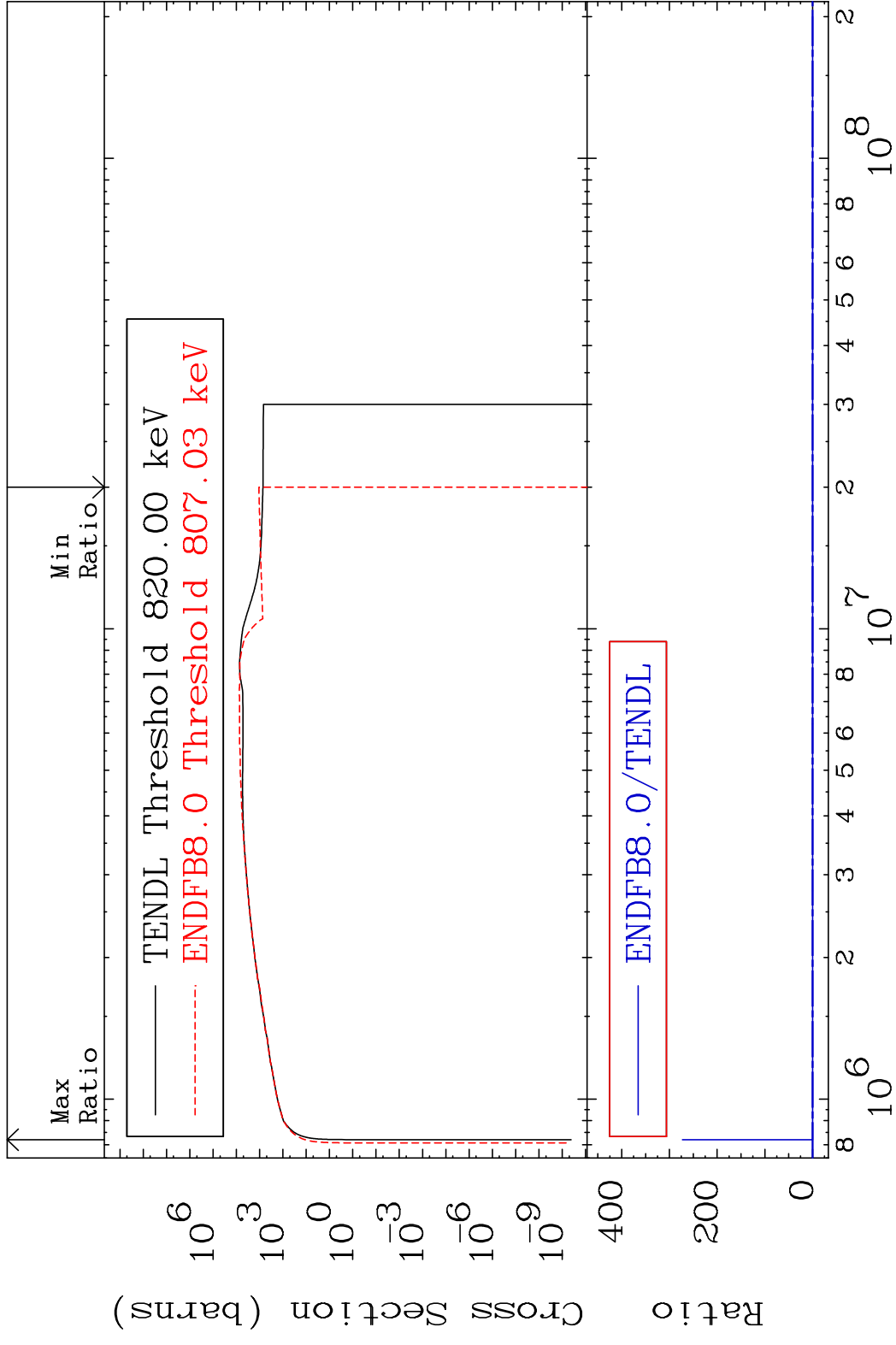


59

Incident Energy (eV)

82-Pb-206

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



60 Incident Energy (eV) 82-Pb-206

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

