

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

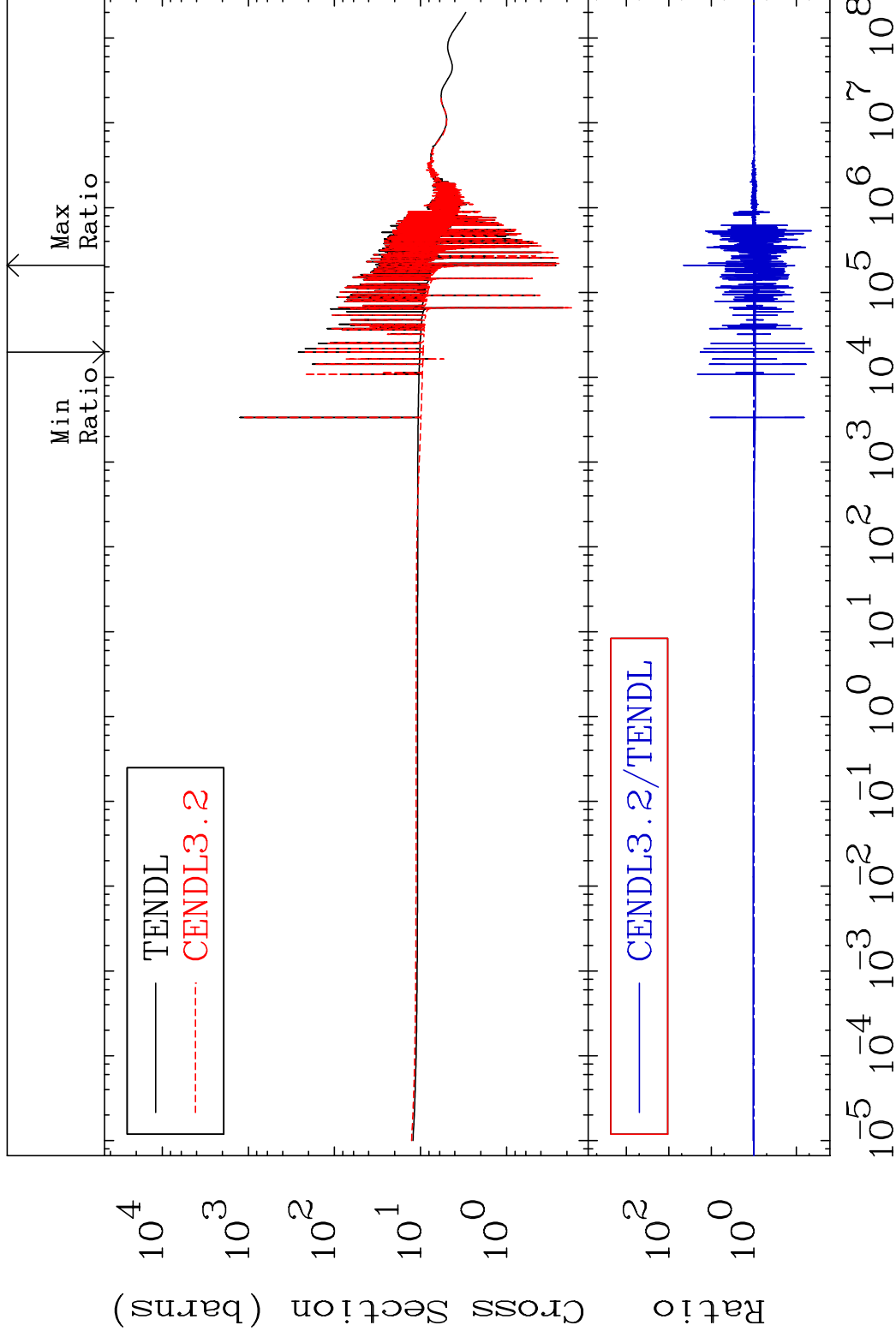
MAT 8231

Total

82-Pb-206

Cross Section

-96.17 To 4377. %



1

Incident Energy (eV)

82-Pb-206

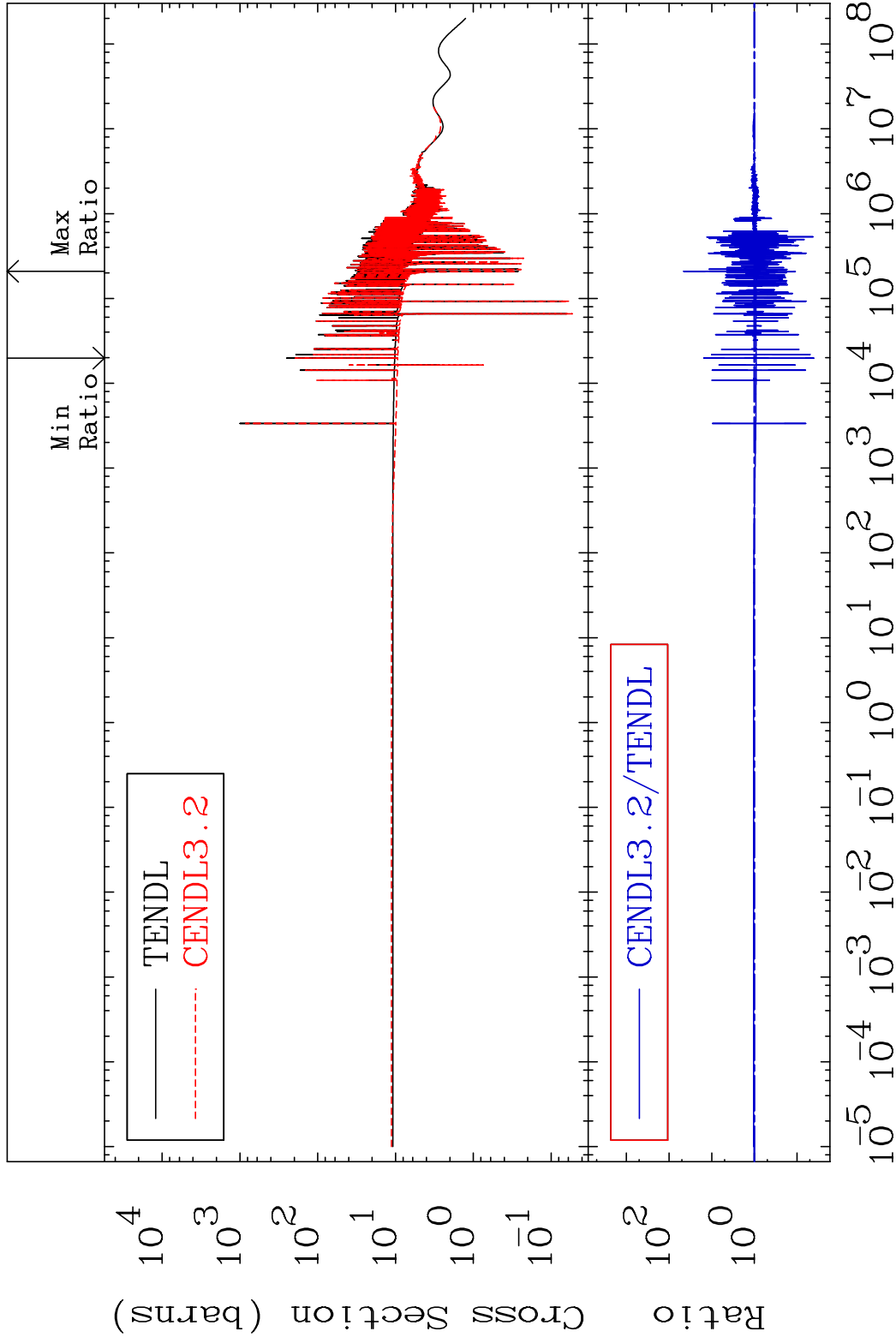
MAT 8231

Elastic

82-Pb-206

Cross Section

-96.02 To 4444. %



2

Incident Energy (eV)

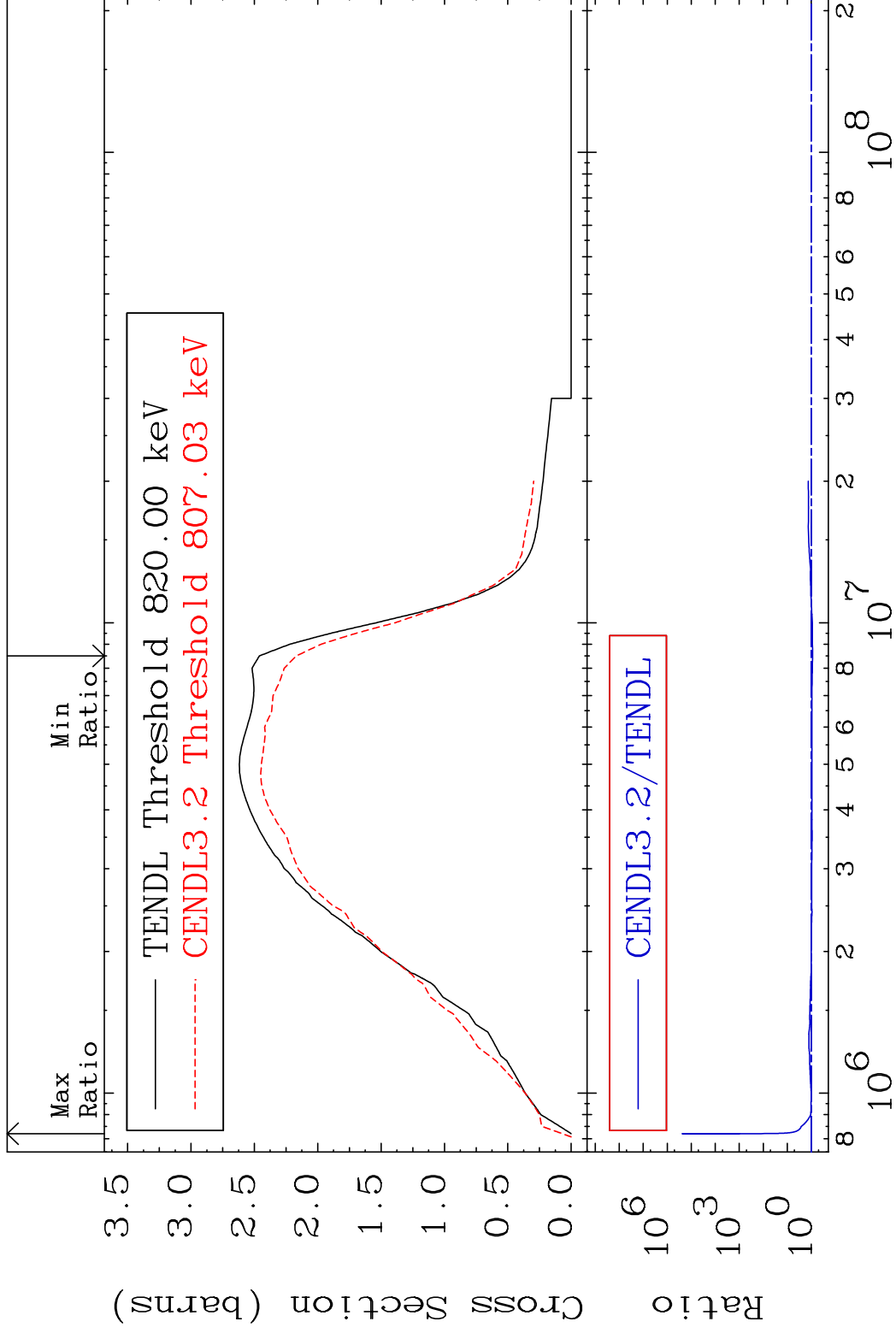
82-Pb-206

MAT 8231

Inelastic

82-Pb-206

Cross Section -11.84 To 9999. %



3

Incident Energy (eV)

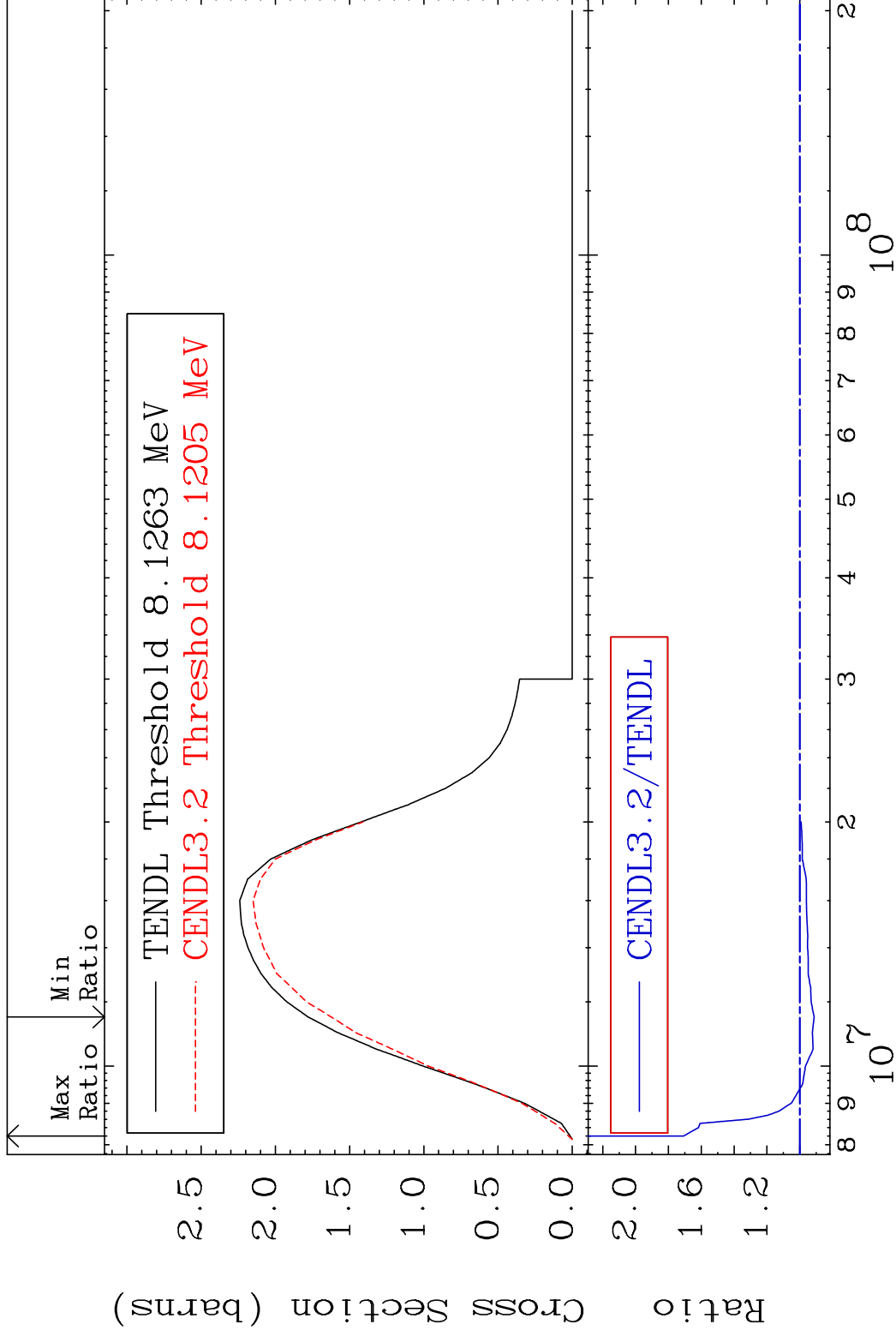
82-Pb-206

MAT 8231

(n,2n)

82-Pb-206

Cross Section -8.732 To 70.72 %



4

Incident Energy (eV)

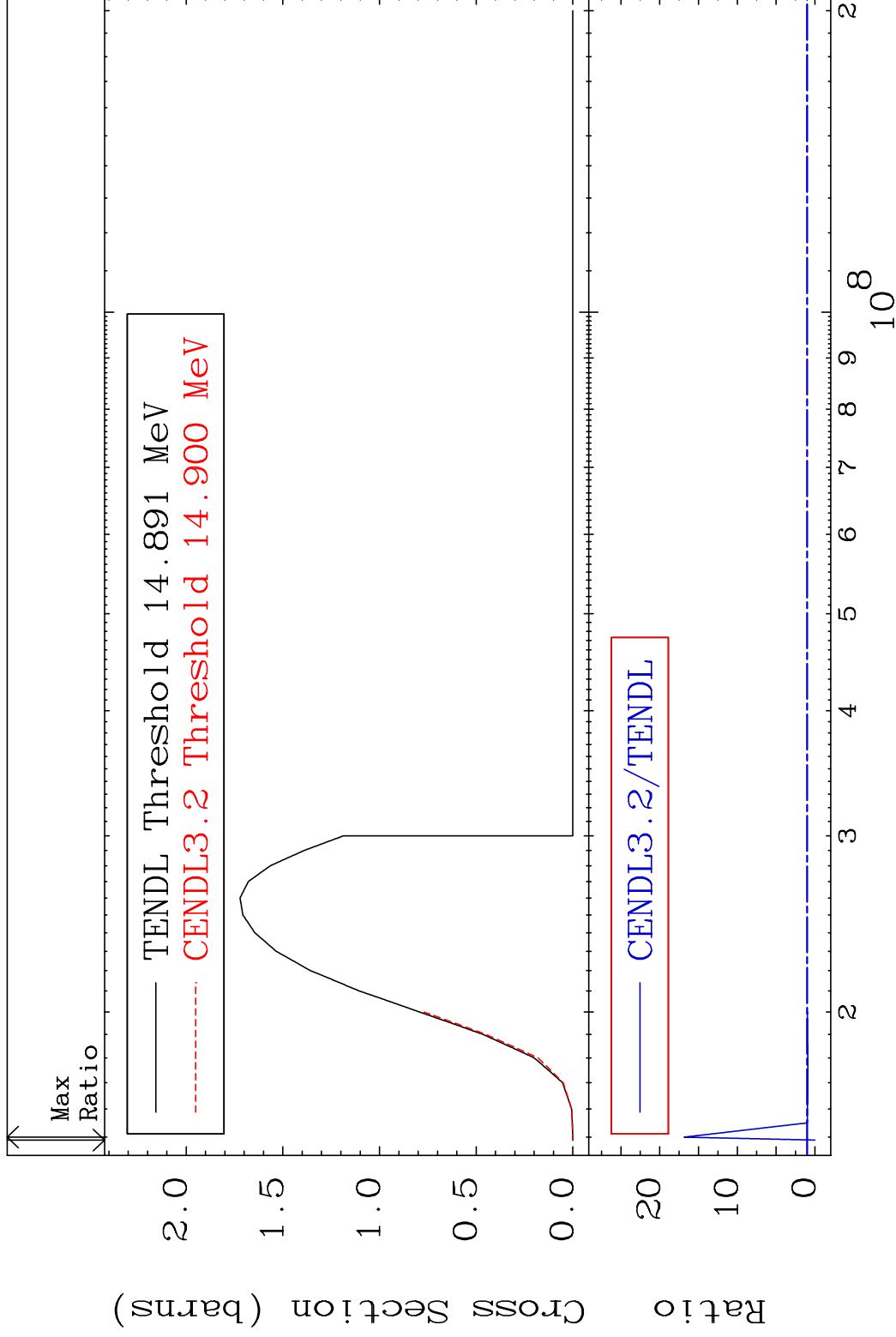
82-Pb-206

MAT 8231

(n,3n)

82-Pb-206

Cross Section -100.0 To 1583. %



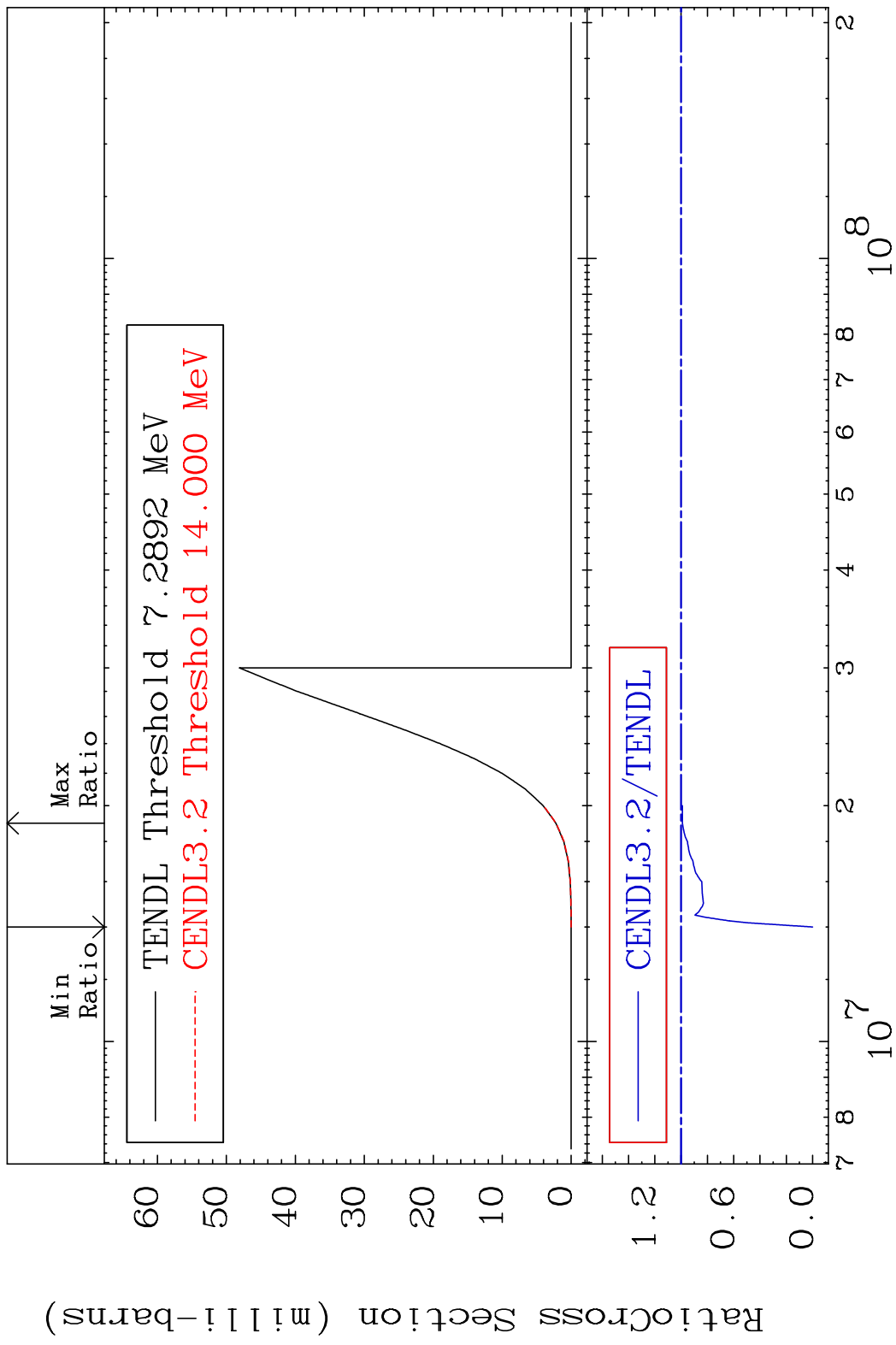
5

Incident Energy (eV)

82-Pb-206

MAT 8231

(n, n') p 82-Pb-206  
Cross Section -100.0 To -0.942%

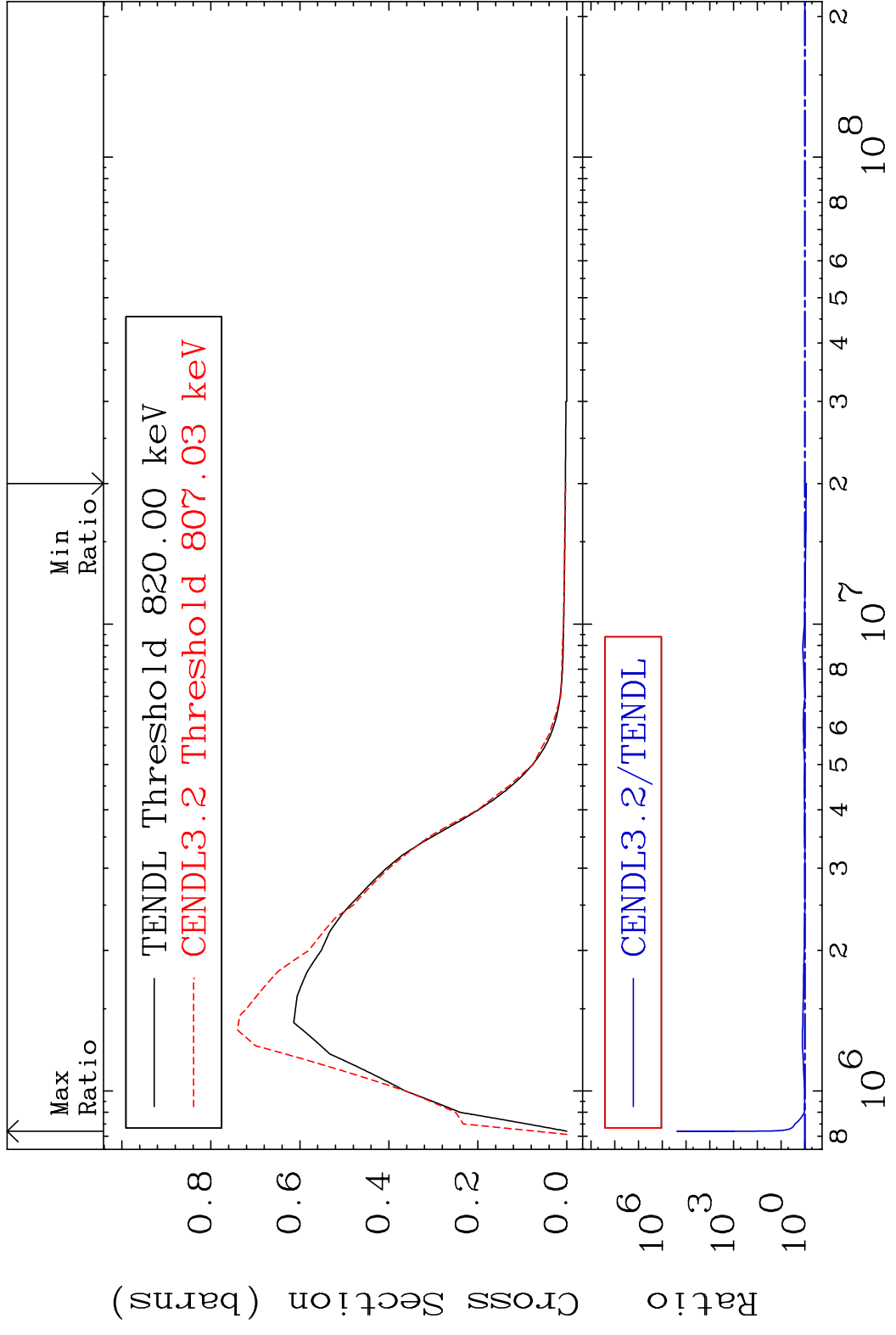


6

Incident Energy (eV)

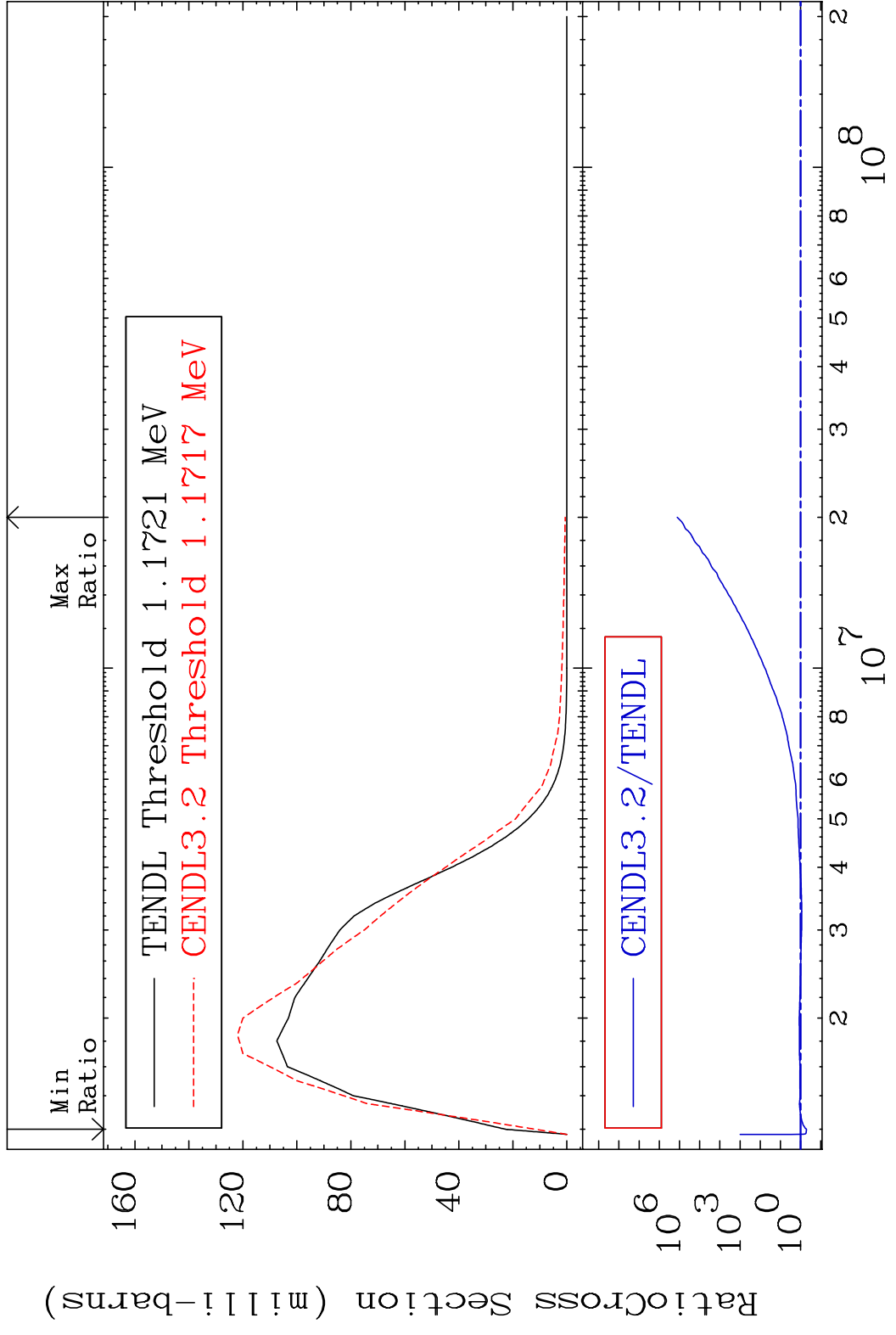
82-Pb-206

MAT 8231 MT= 51 (n, n') Level 82-Pb-206  
 Cross Section -14.70 To 9999. %



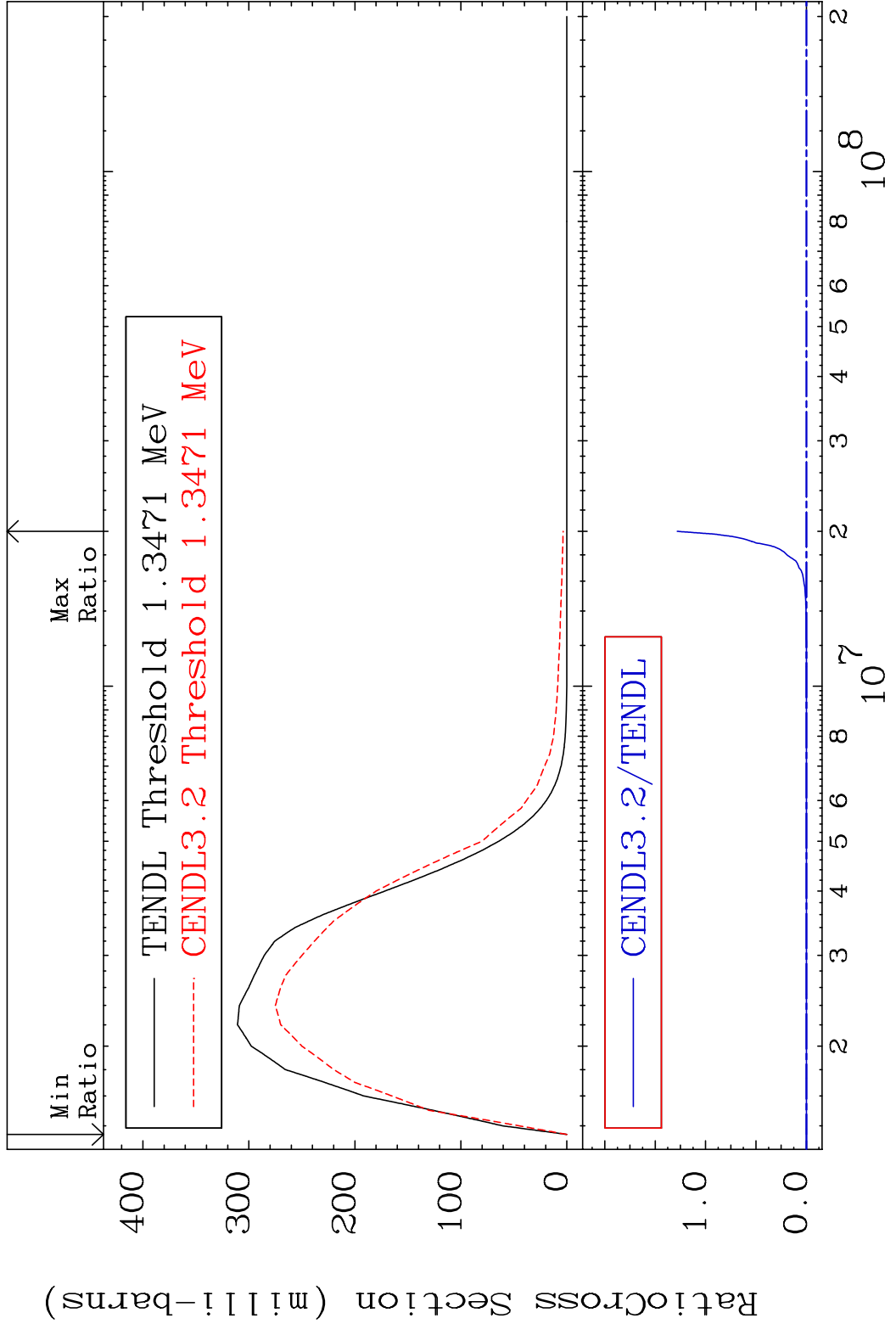
7 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 52 (n, n') Level 82-Pb-206  
 Cross Section -48.46 To 9999. %

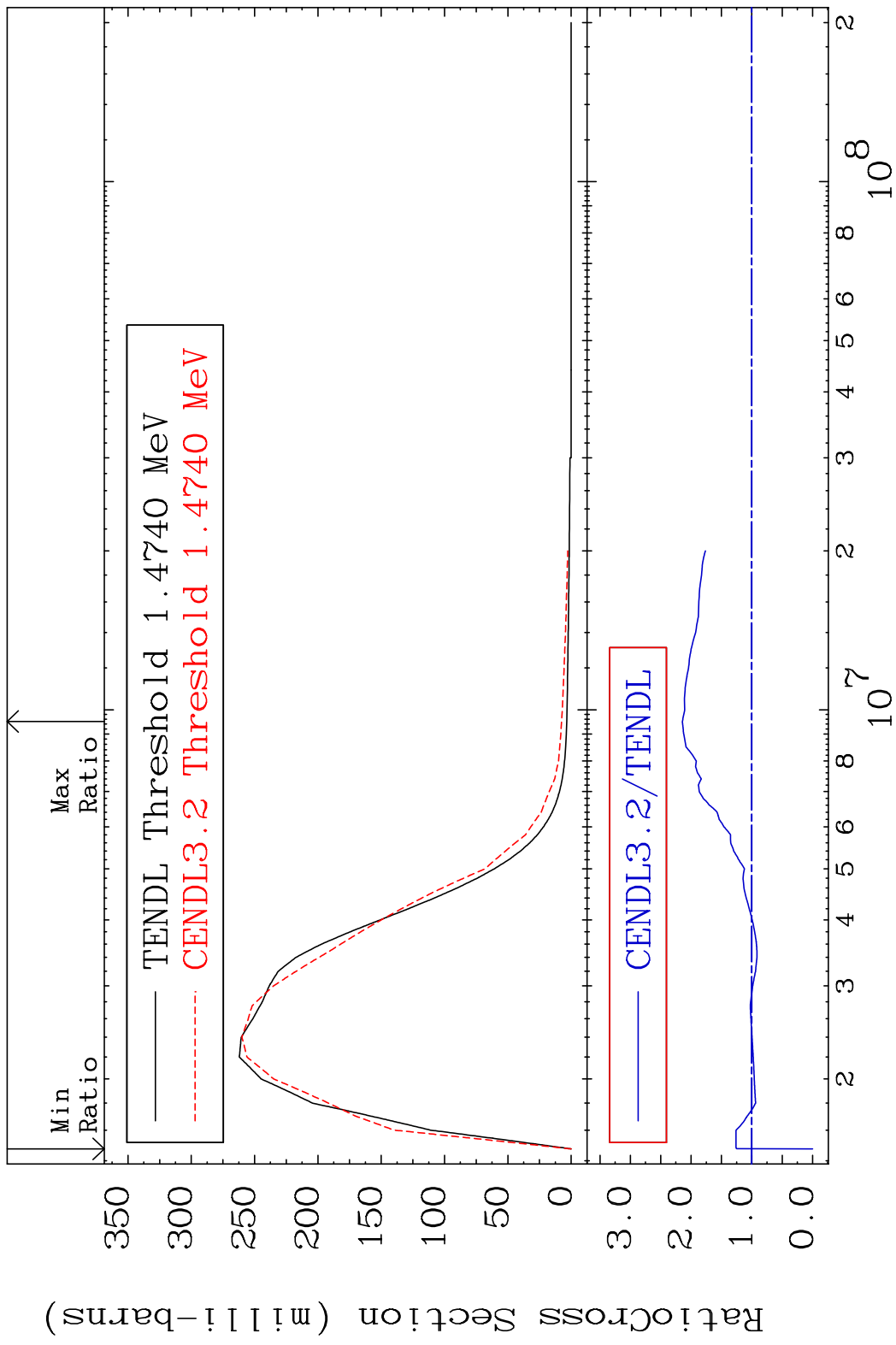


8 Incident Energy (eV) 82-Pb-206

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

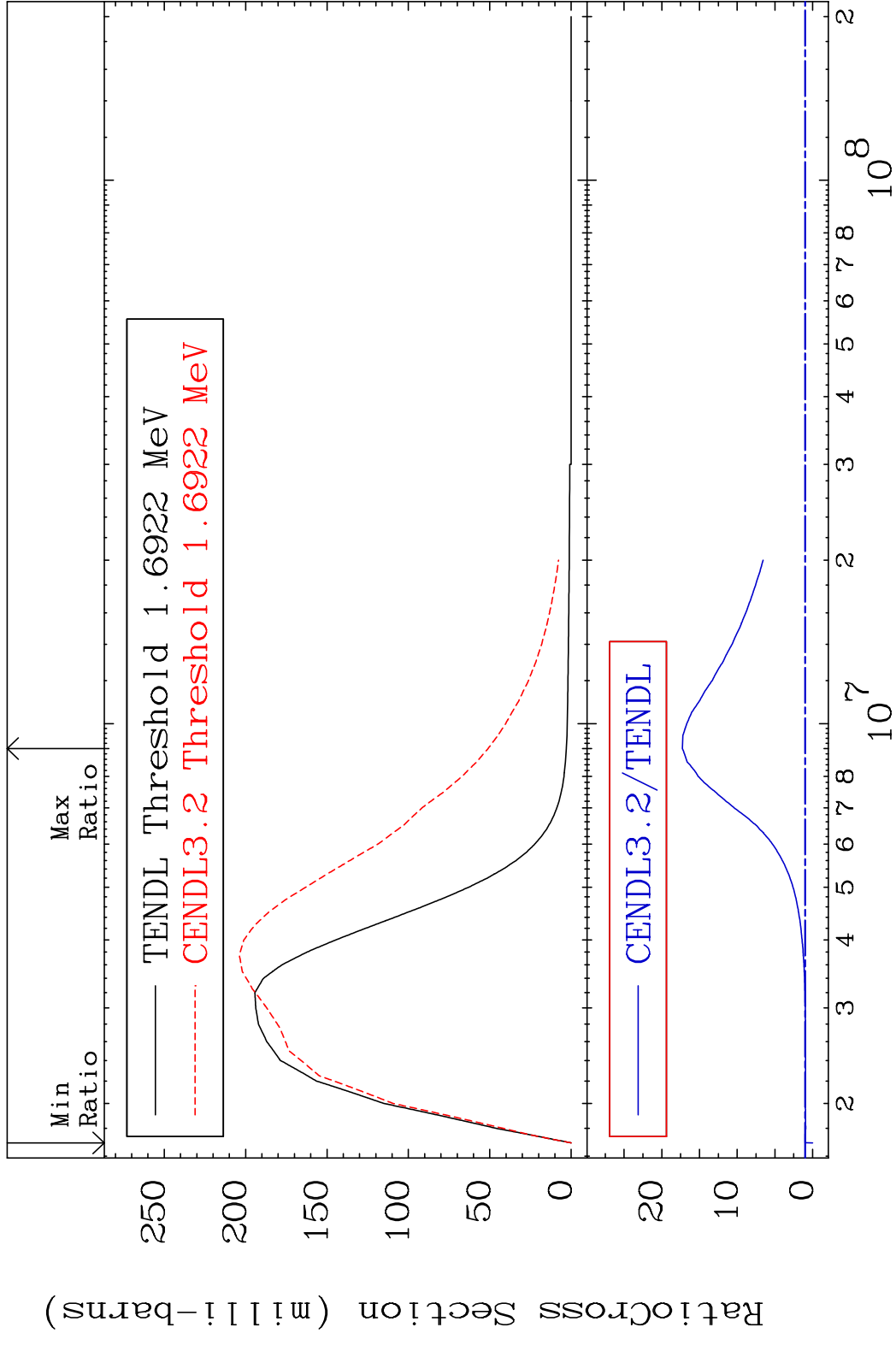


MAT 8231 MT= 54 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 114.3 %

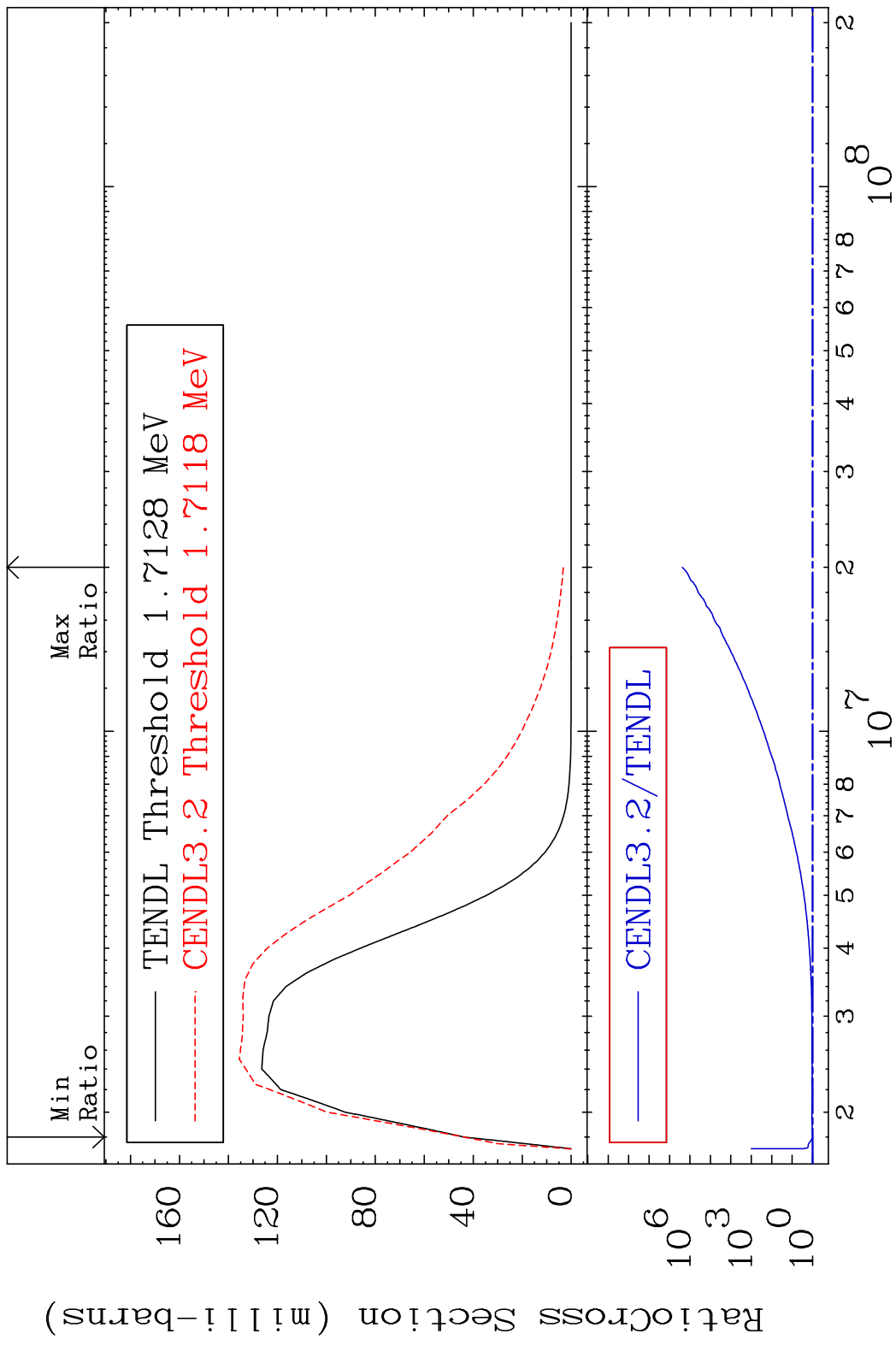


10 Incident Energy (eV) 82-Pb-206

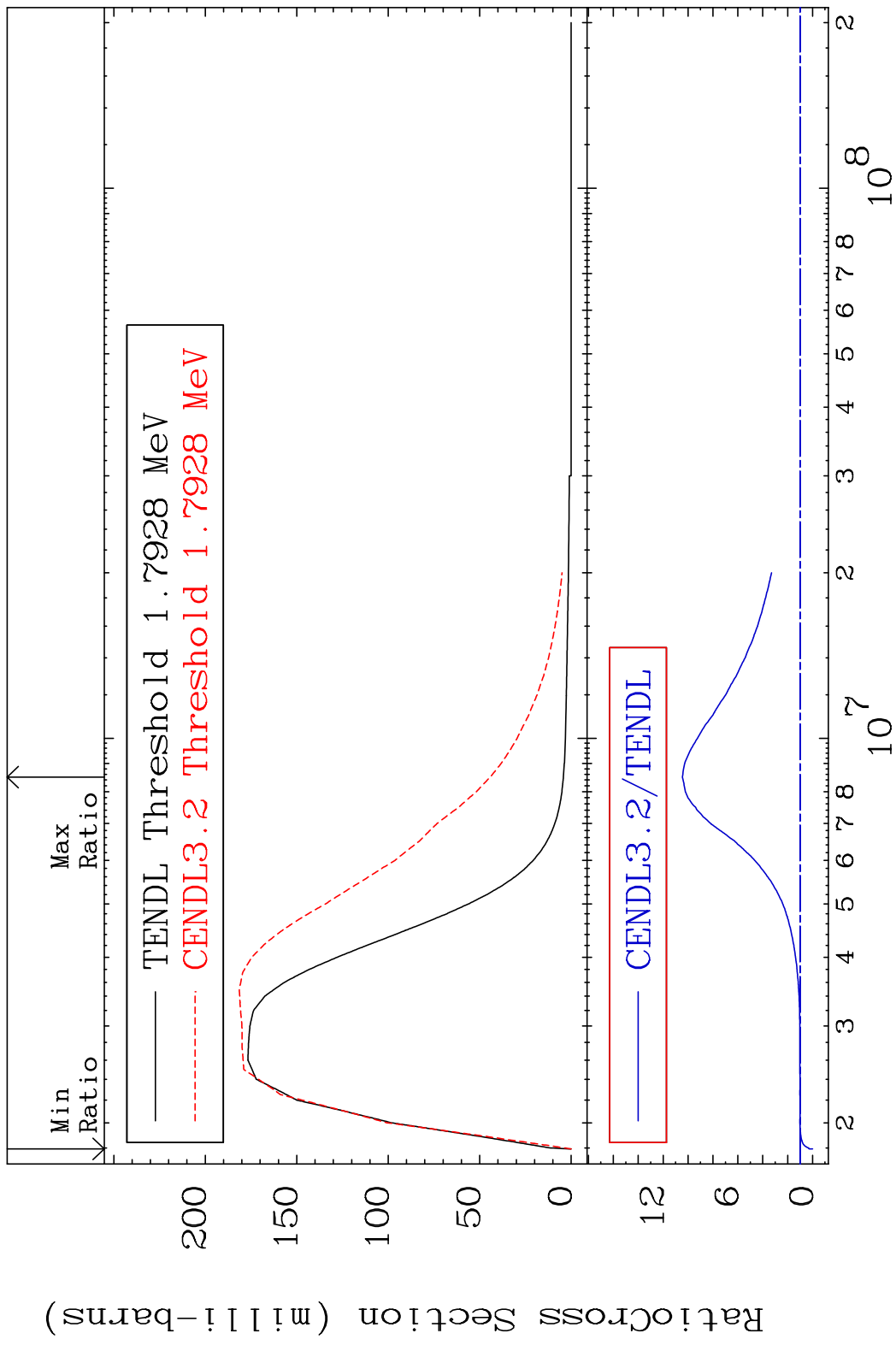
MAT 8231 MT= 55 (n,n') Level 82-Pb-206  
 Cross Section -100.0 To 1627. %



MAT 8231 MT= 56 (n, n') Level 82-Pb-206  
 Cross Section 0.282 To 9999. %

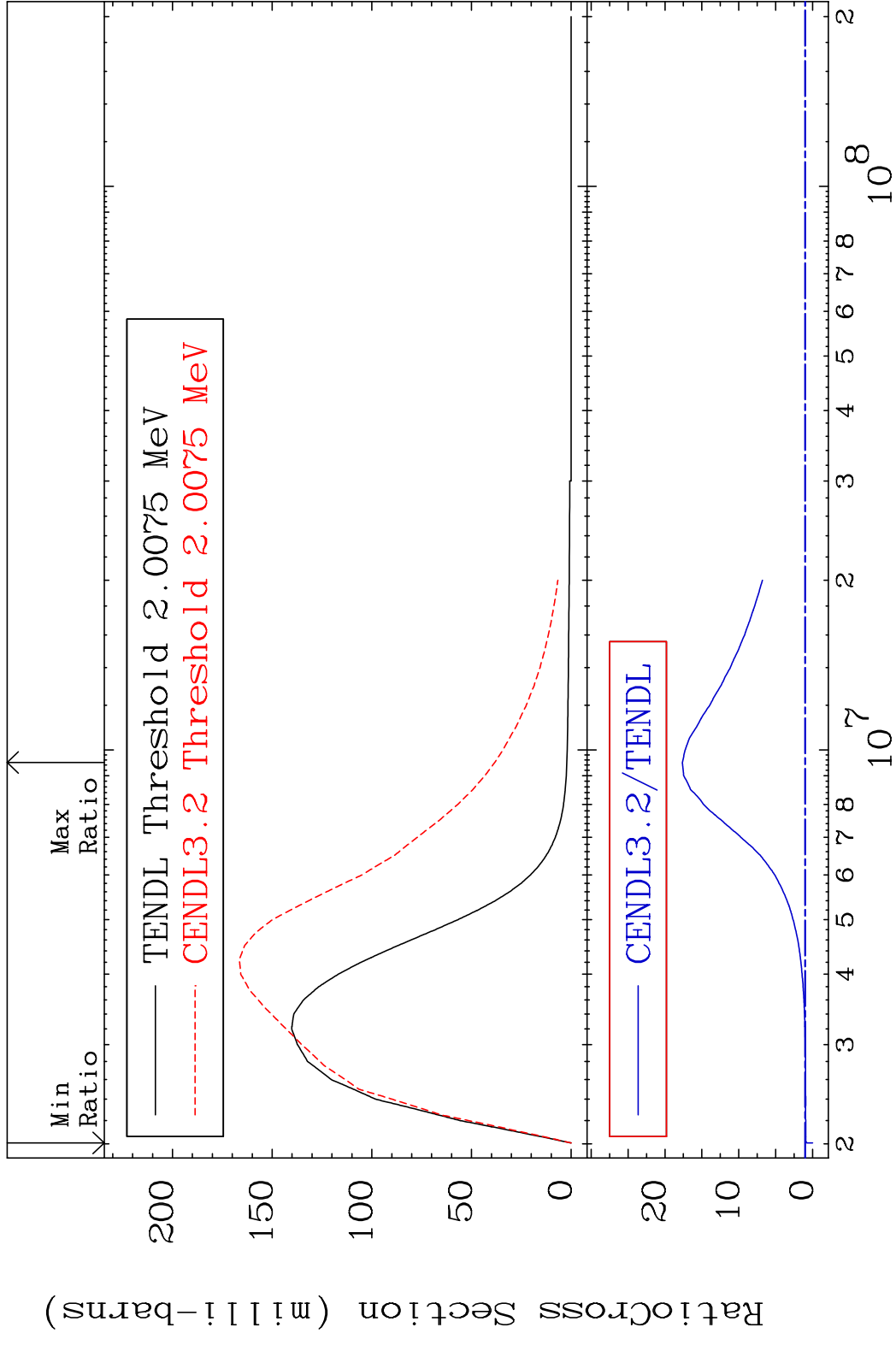


MAT 8231 MT= 57 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 945.5 %

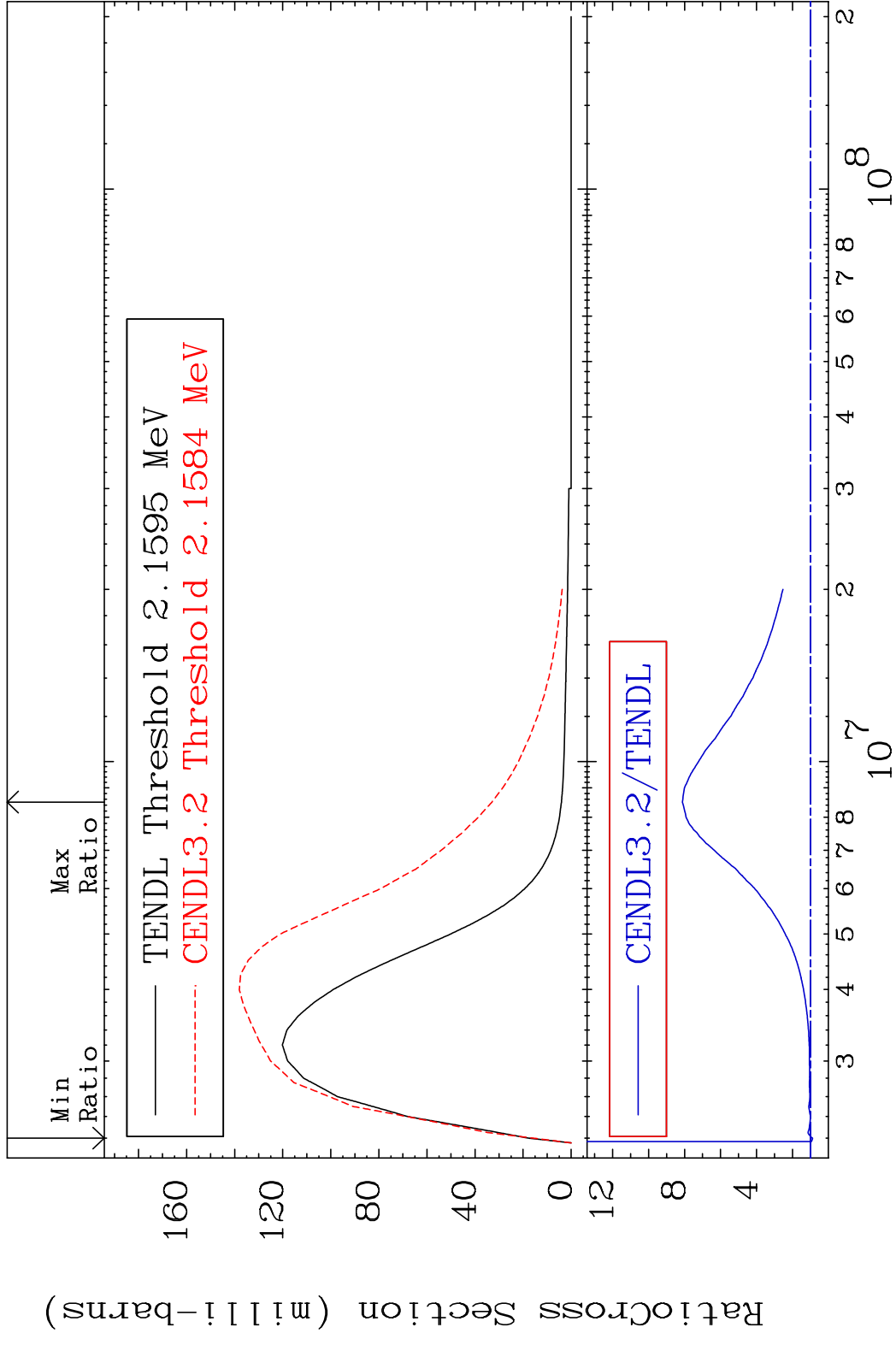


13 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 58 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 1664. %

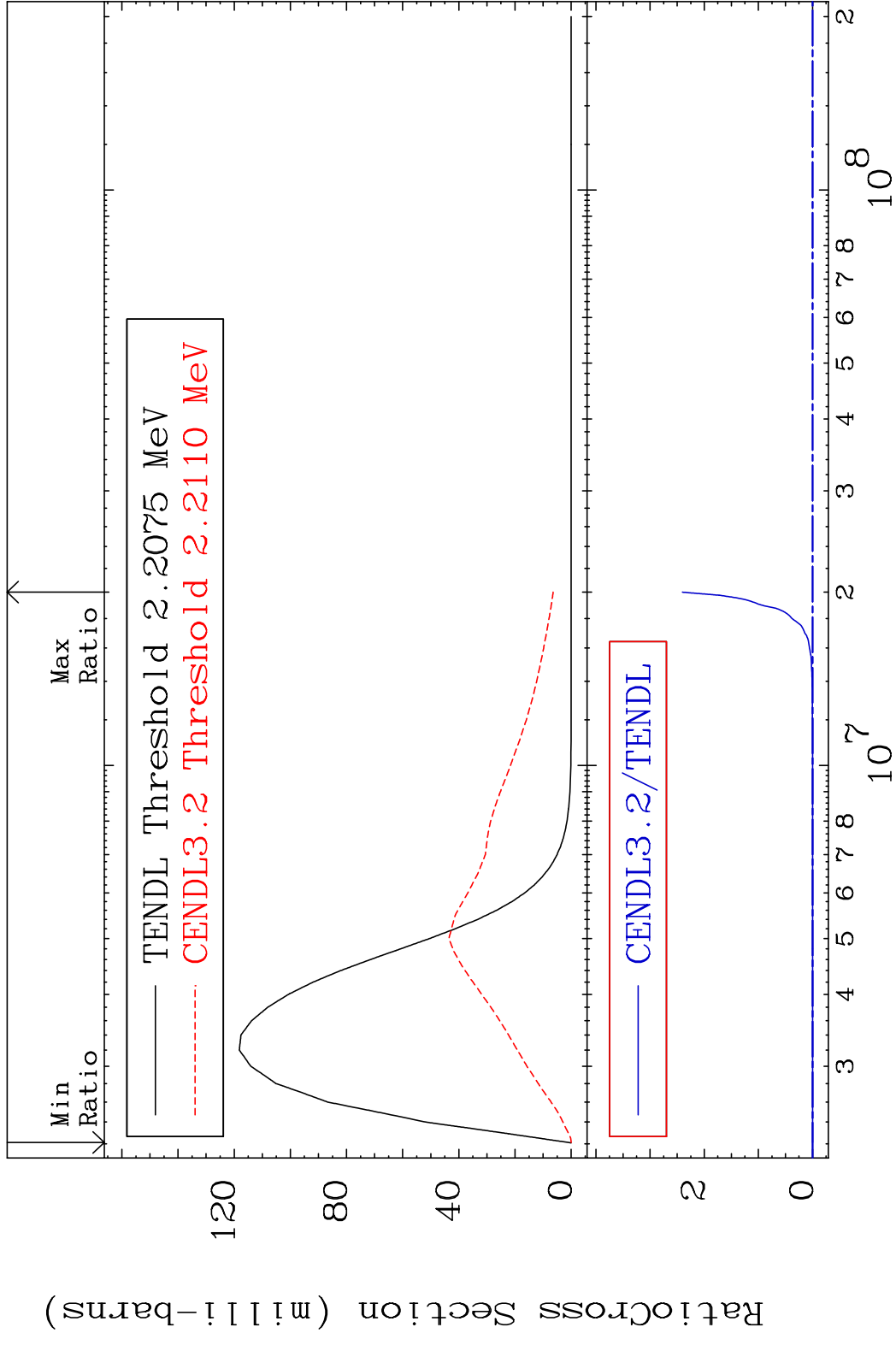


MAT 8231 MT= 59 (n, n') Level 82-Pb-206  
 Cross Section -10.97 To 712.3 %



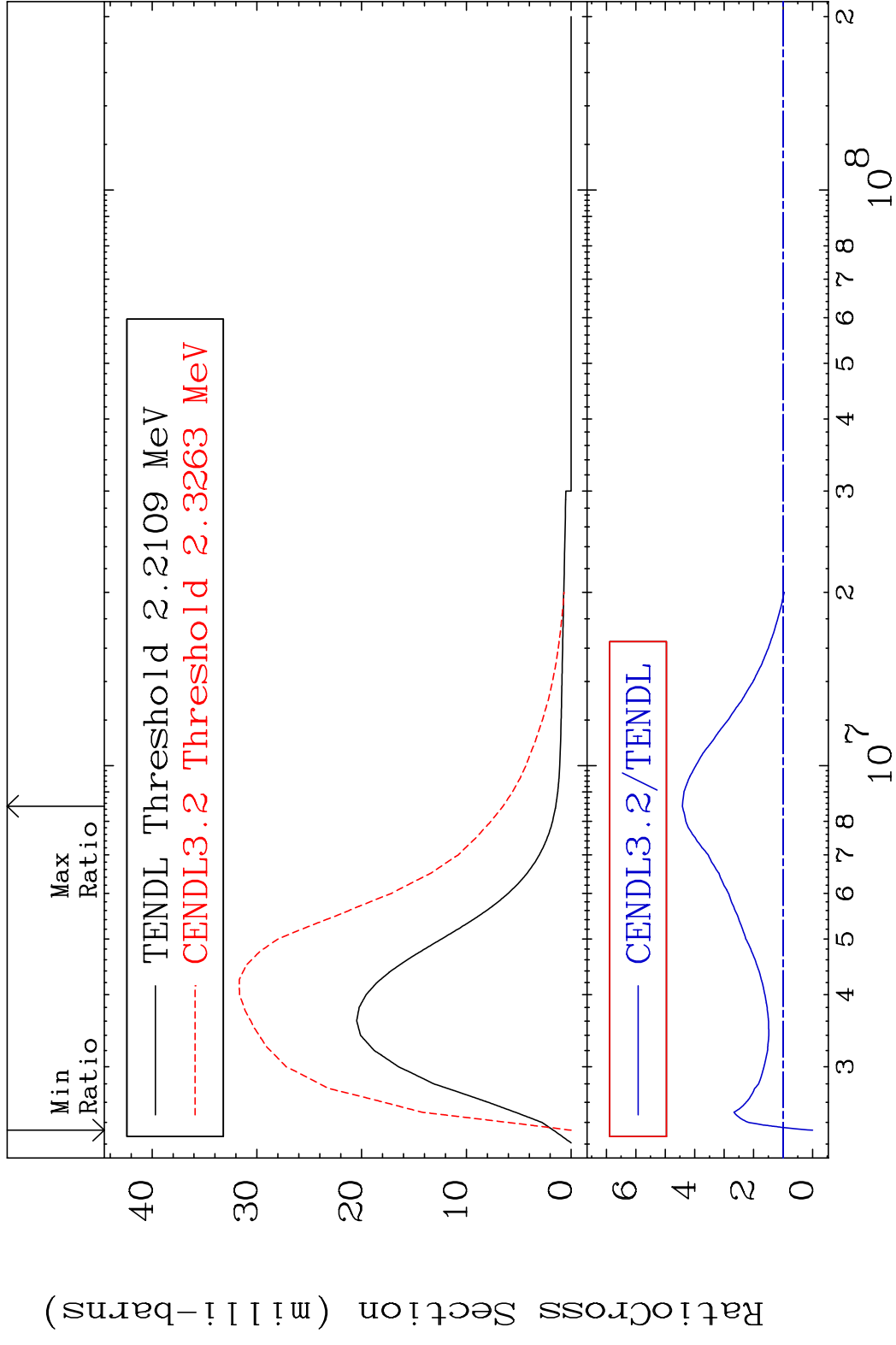
15 Incident Energy (eV) 82-Pb-206

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

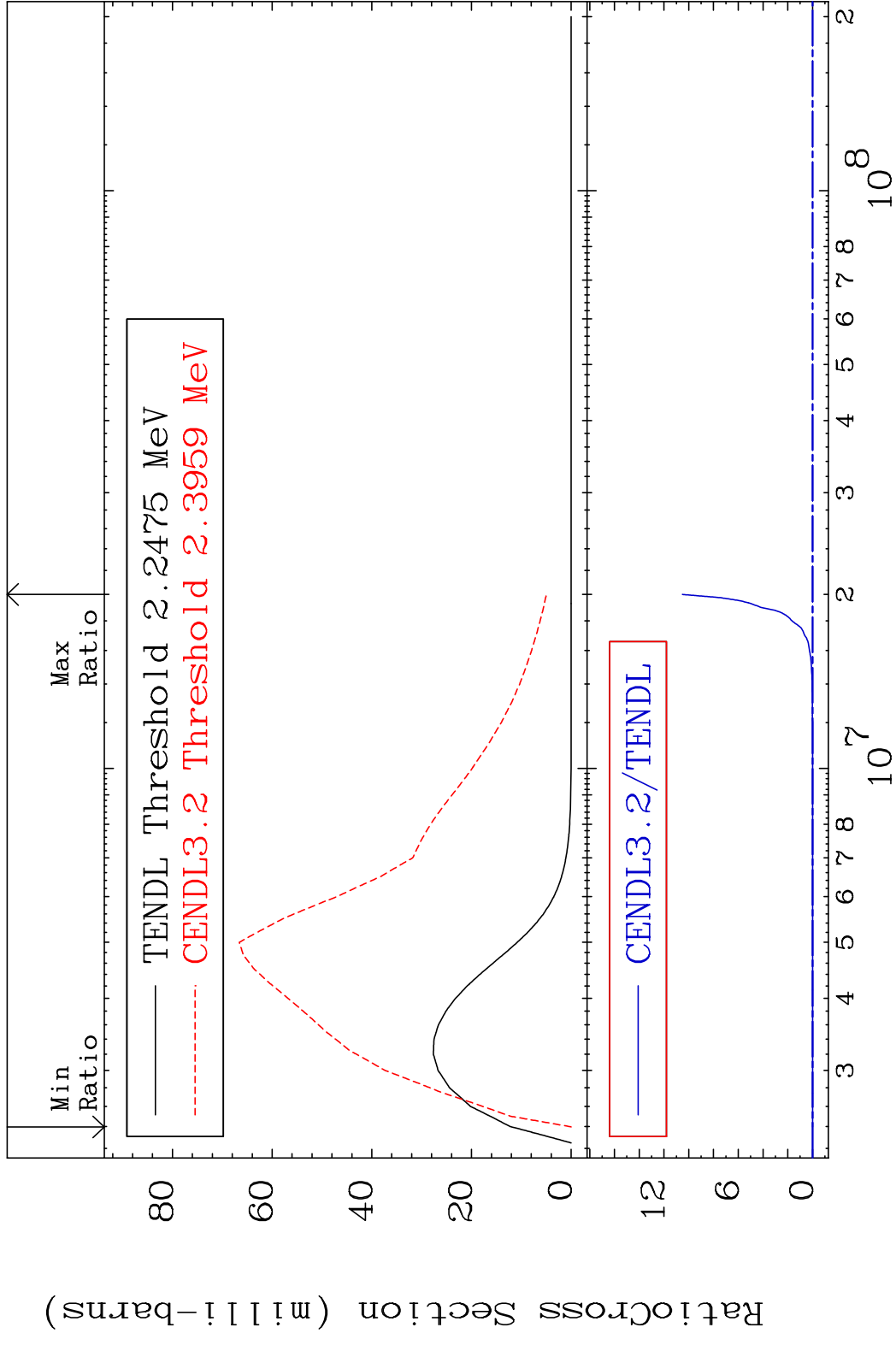


16 Incident Energy (eV) 82-Pb-206

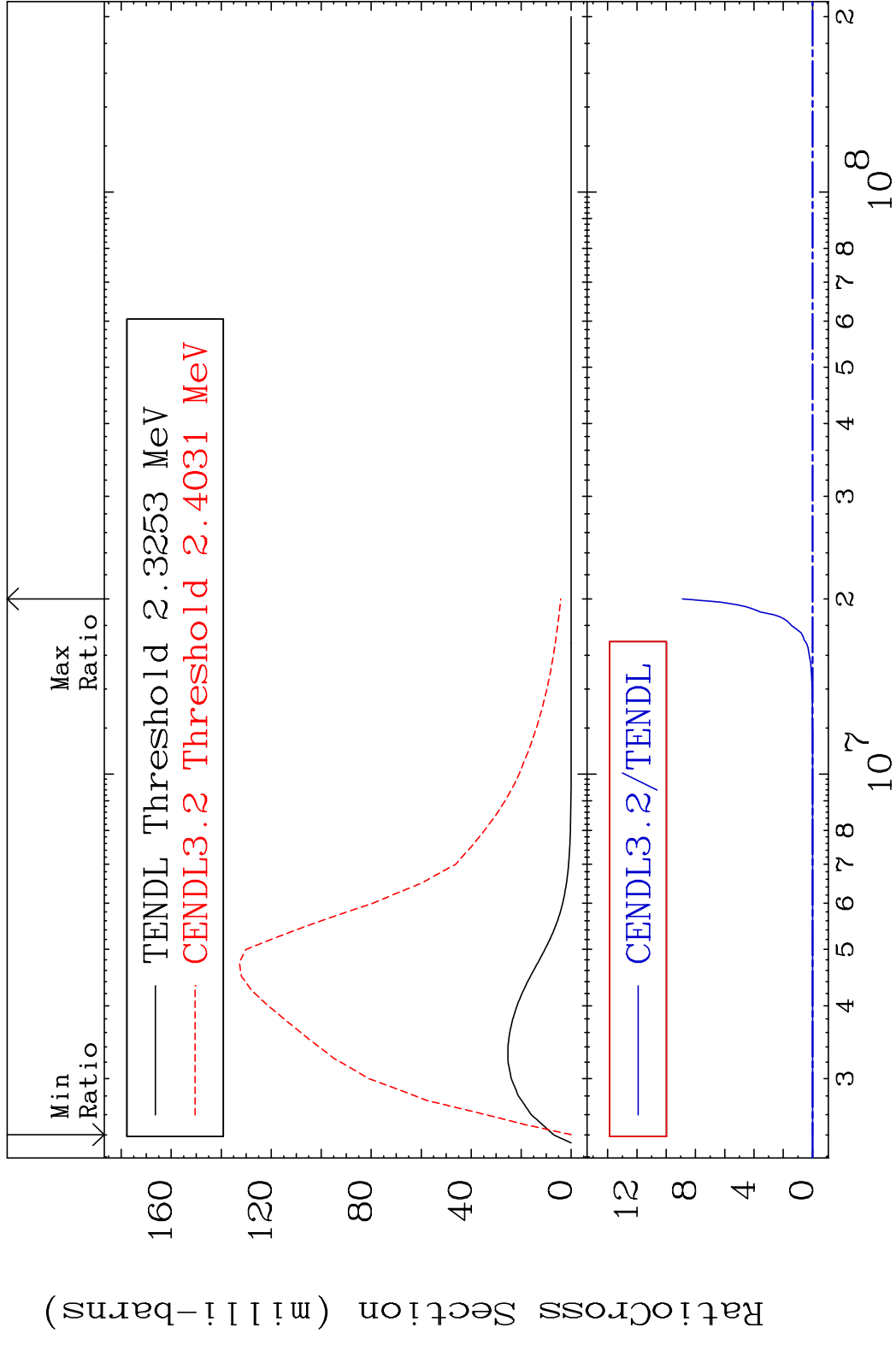
MAT 8231 MT= 61 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 342.0 %



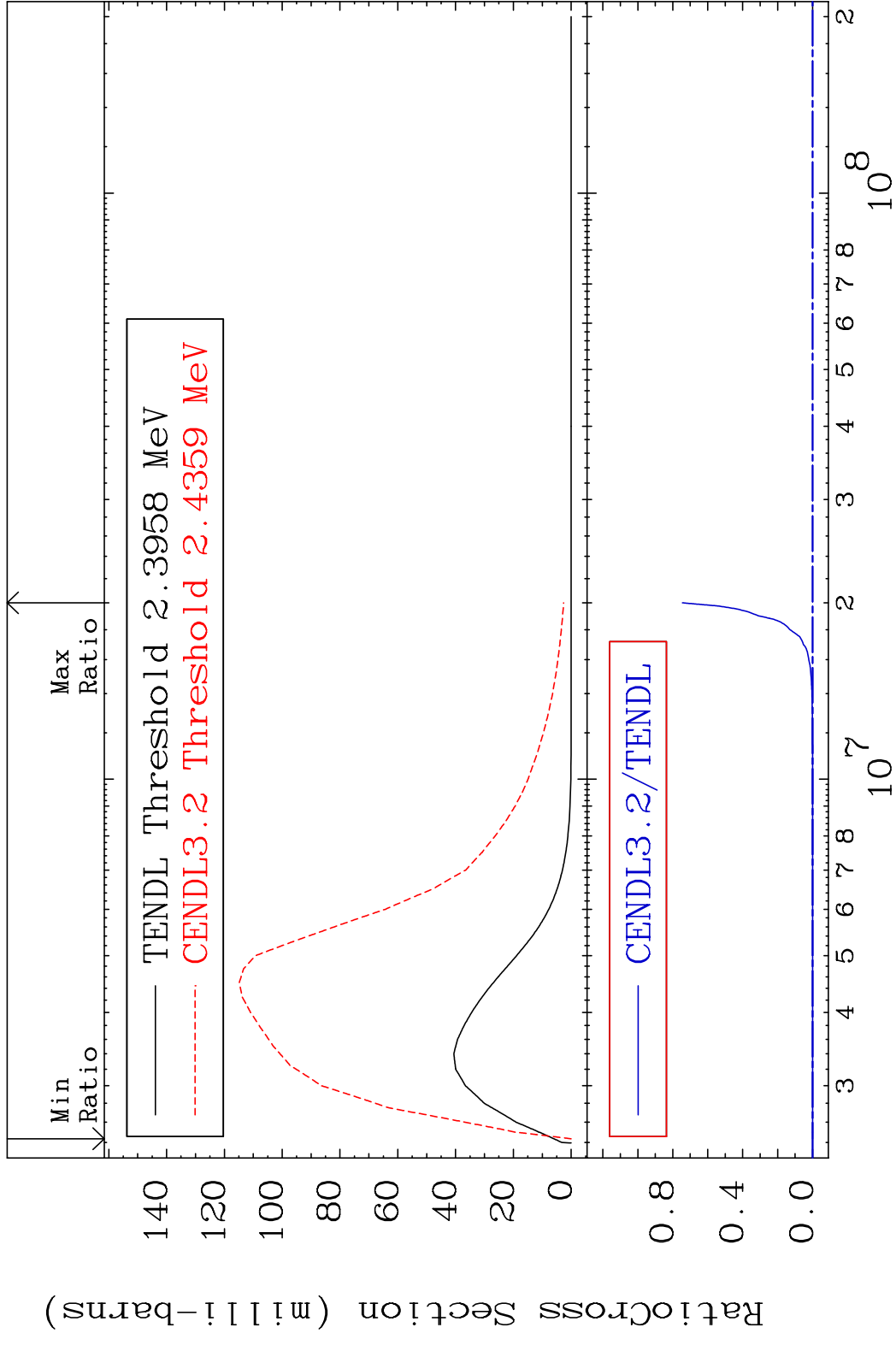
MAT 8231 MT= 62 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 9999. %



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. %



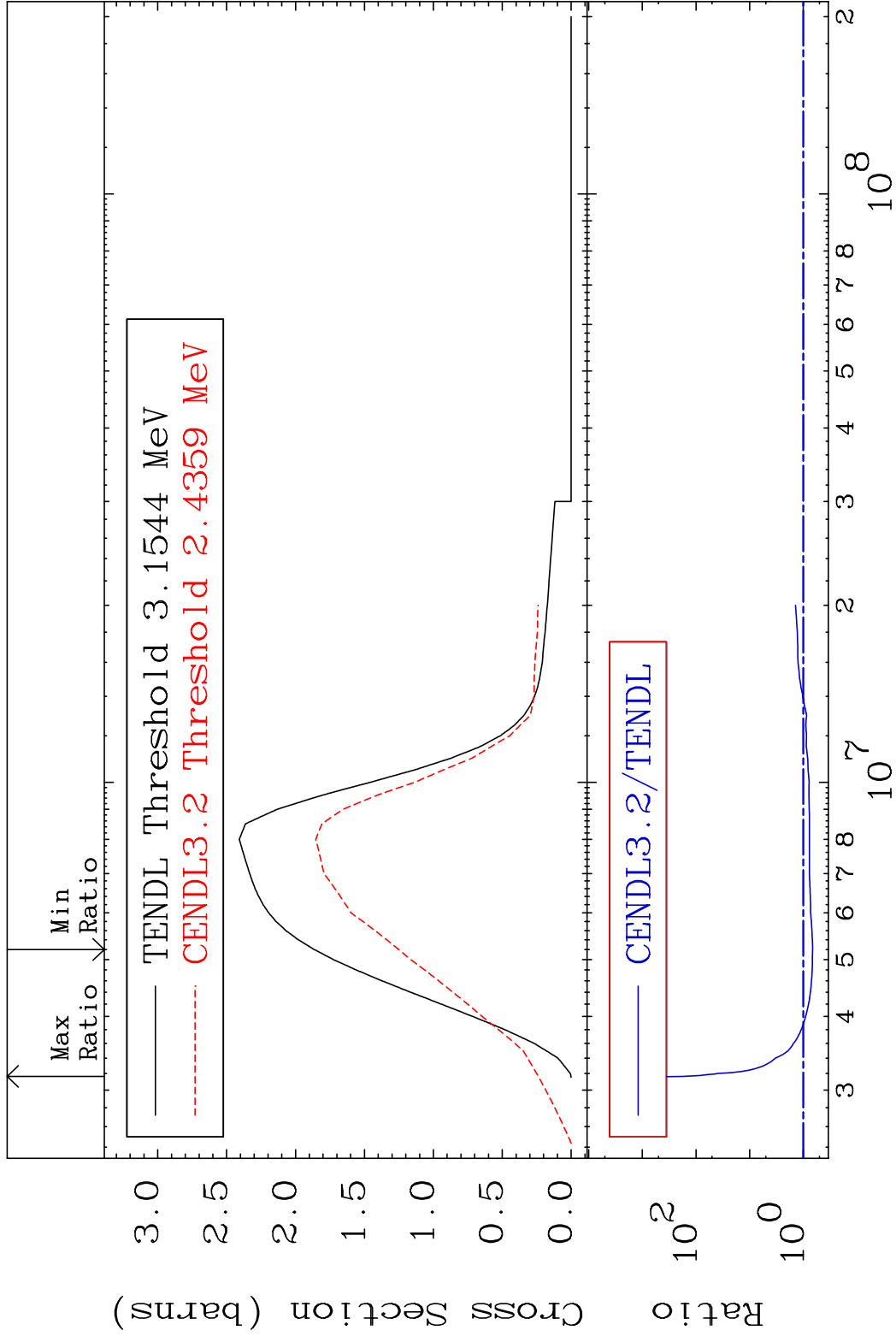
20 82-Pb-206

MAT 8231

(n, n') Continuum

82-Pb-206

Cross Section -32.91 To 9999. %



21

Incident Energy (eV)

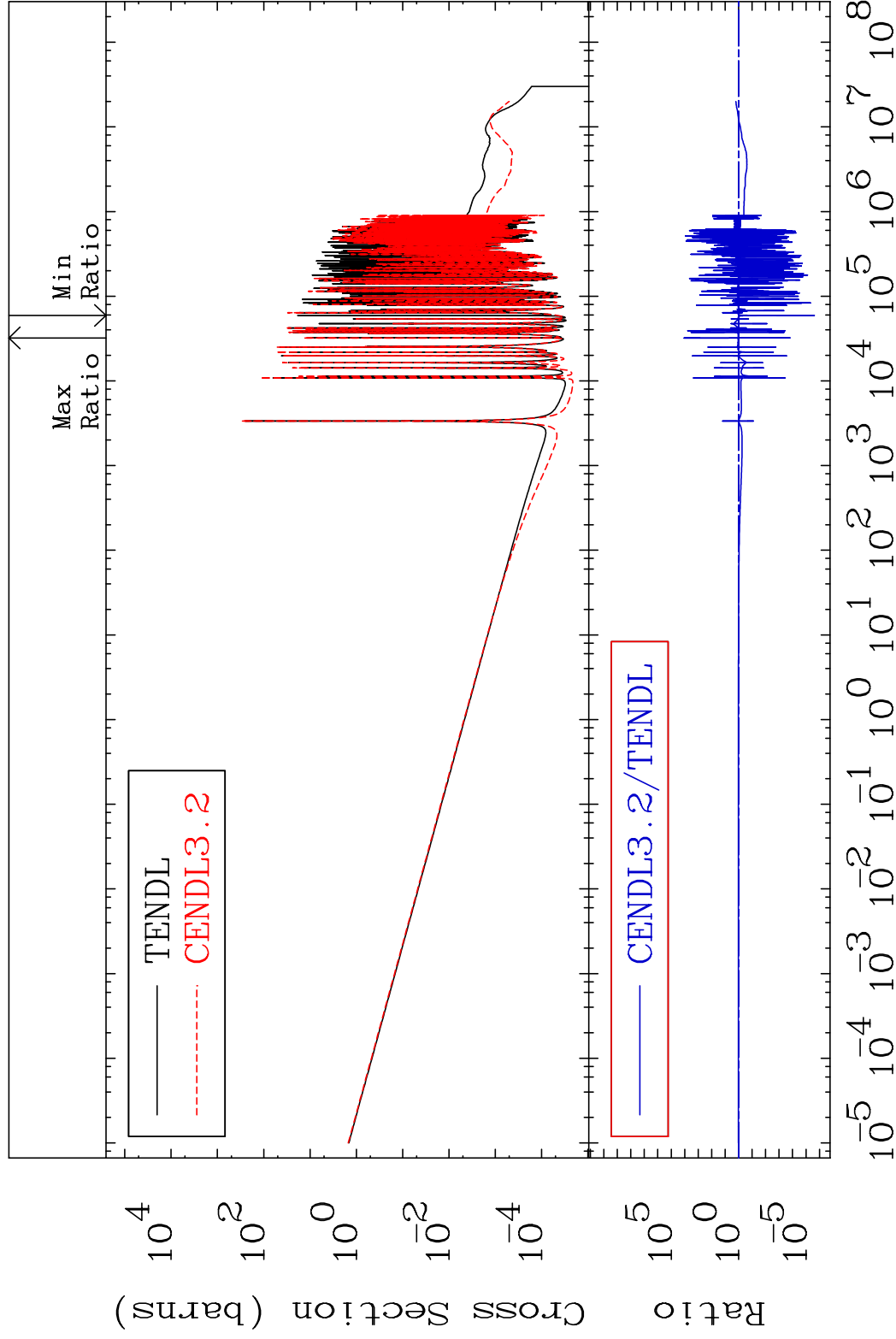
82-Pb-206

MAT 8231

$(n, \gamma)$

82-Pb-206

Cross Section -100.0 To 9999. %



22

Incident Energy (eV)

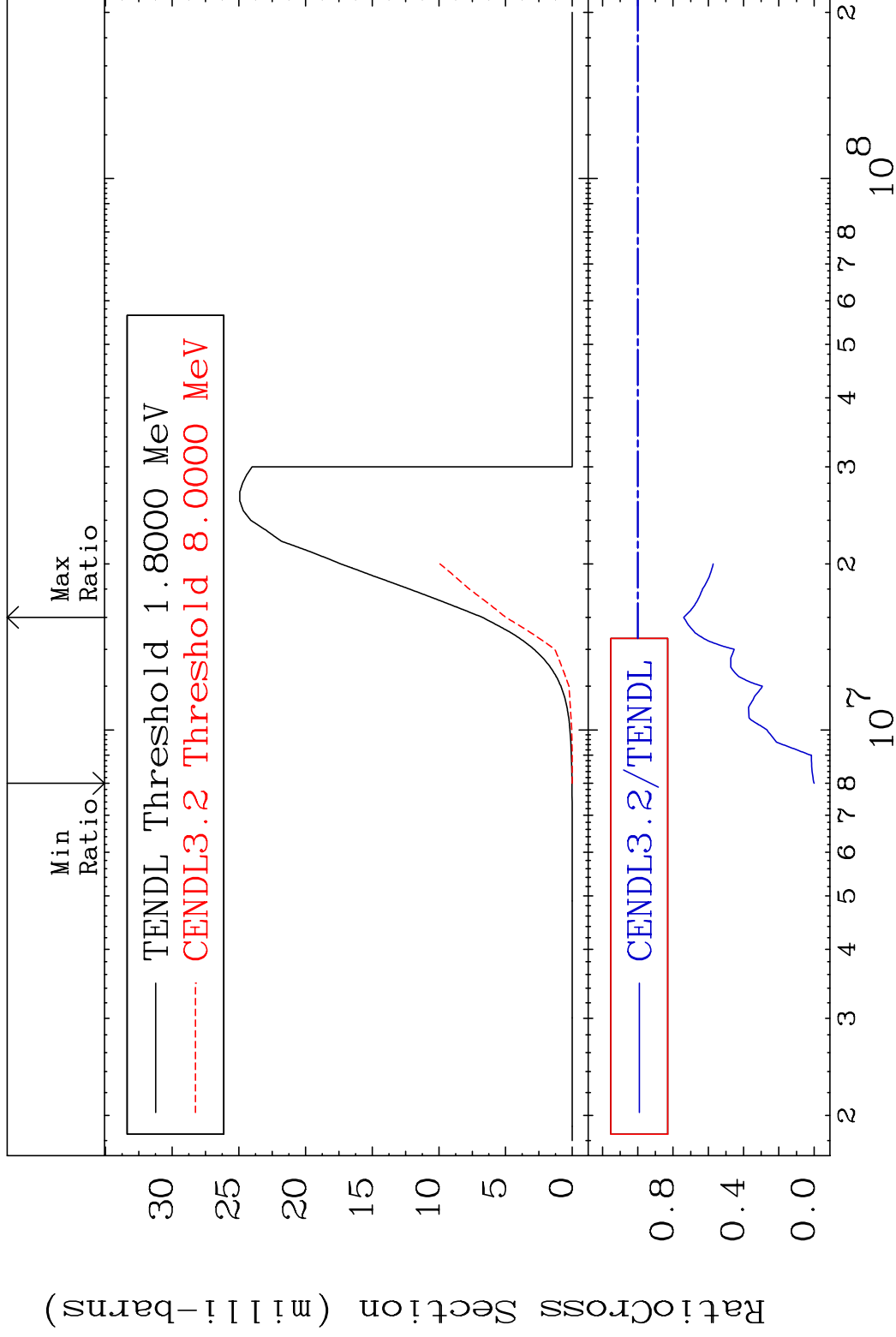
82-Pb-206

MAT 8231

(n,p)

82-Pb-206

Cross Section -100.0 To -26.02%



23

Incident Energy (eV)

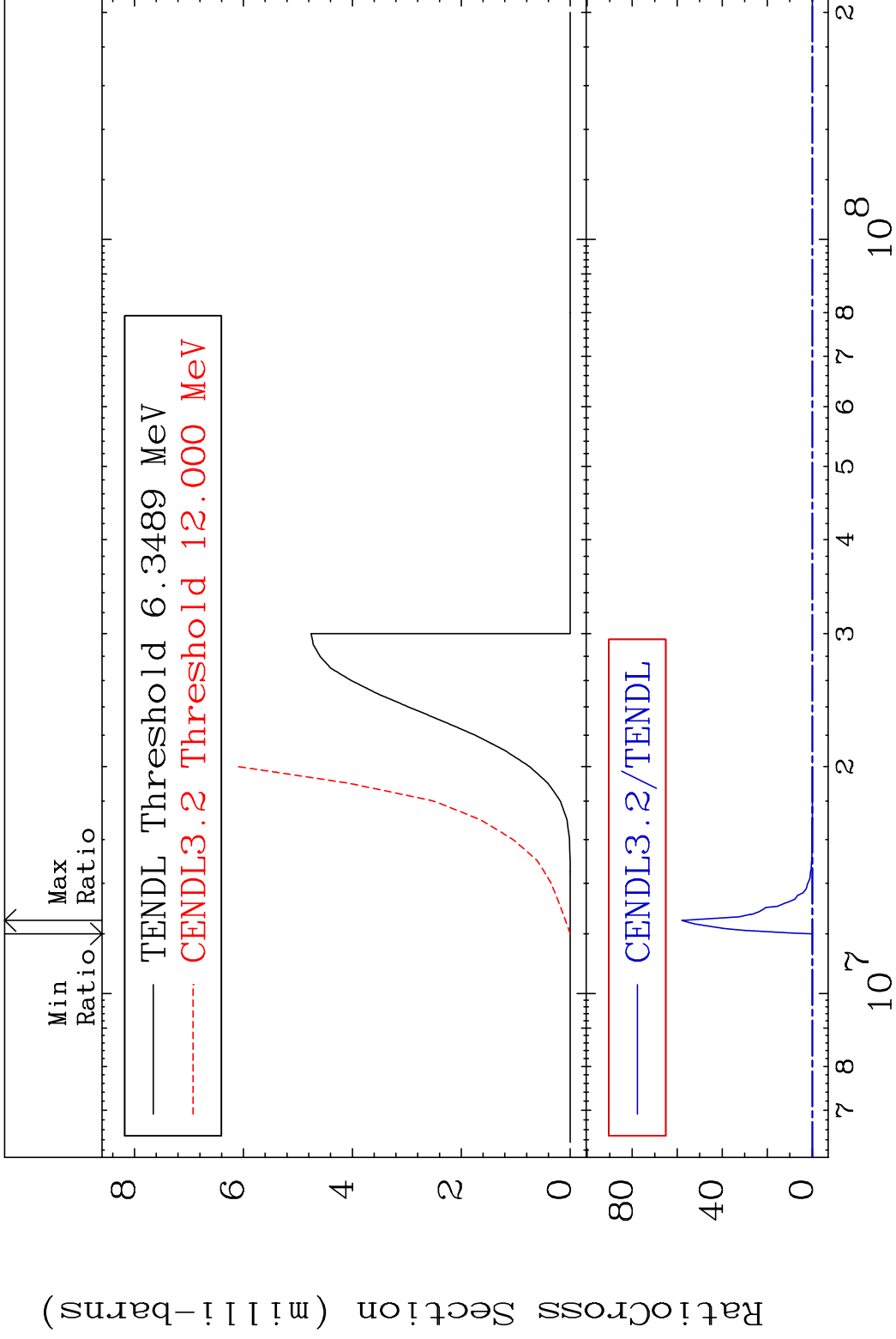
82-Pb-206

MAT 8231

(n, t)

82-Pb-206

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

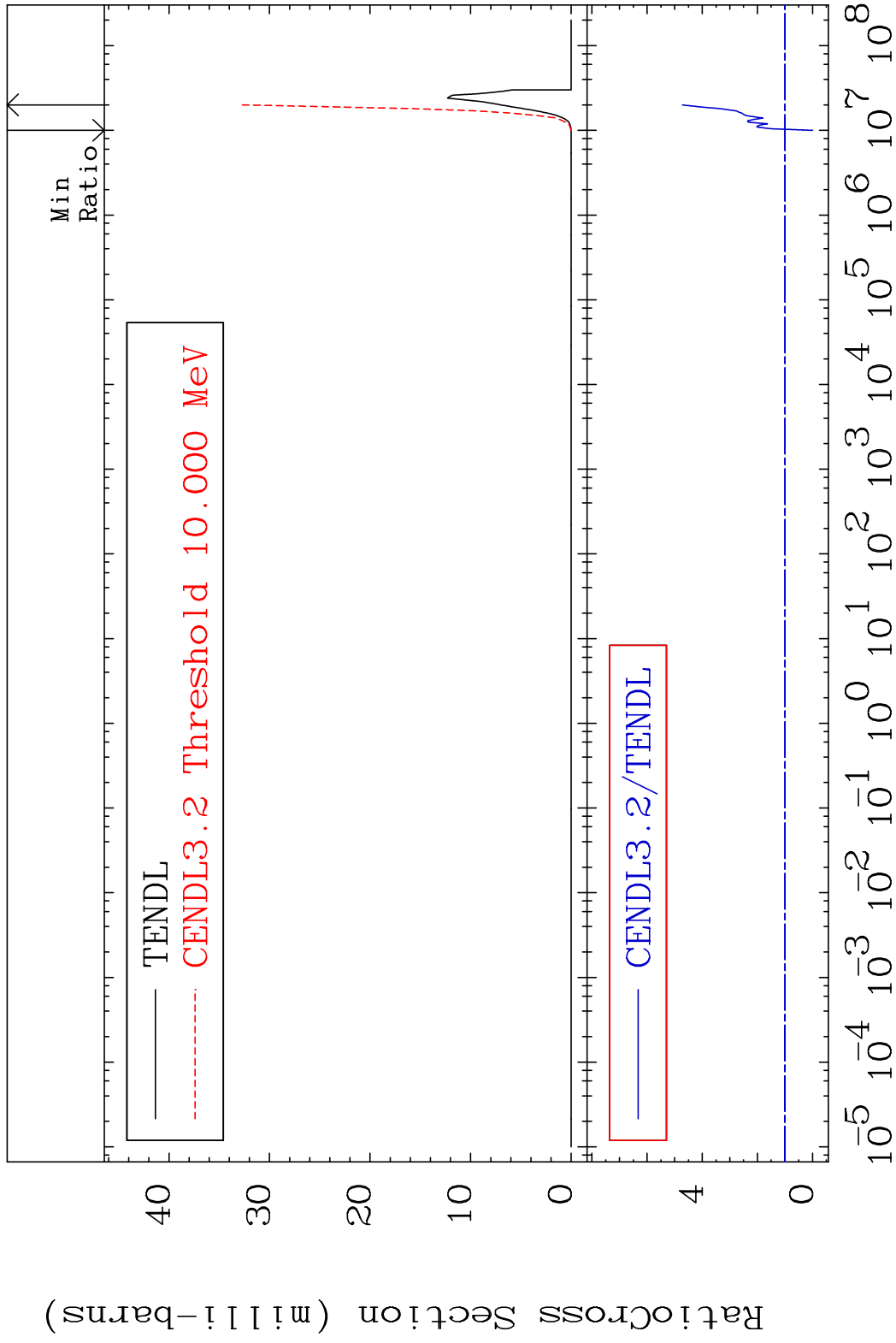
82-Pb-206

MAT 8231

(n,  $\alpha$ )

82-Pb-206

Cross Section -100.0 To 372.2 %



25

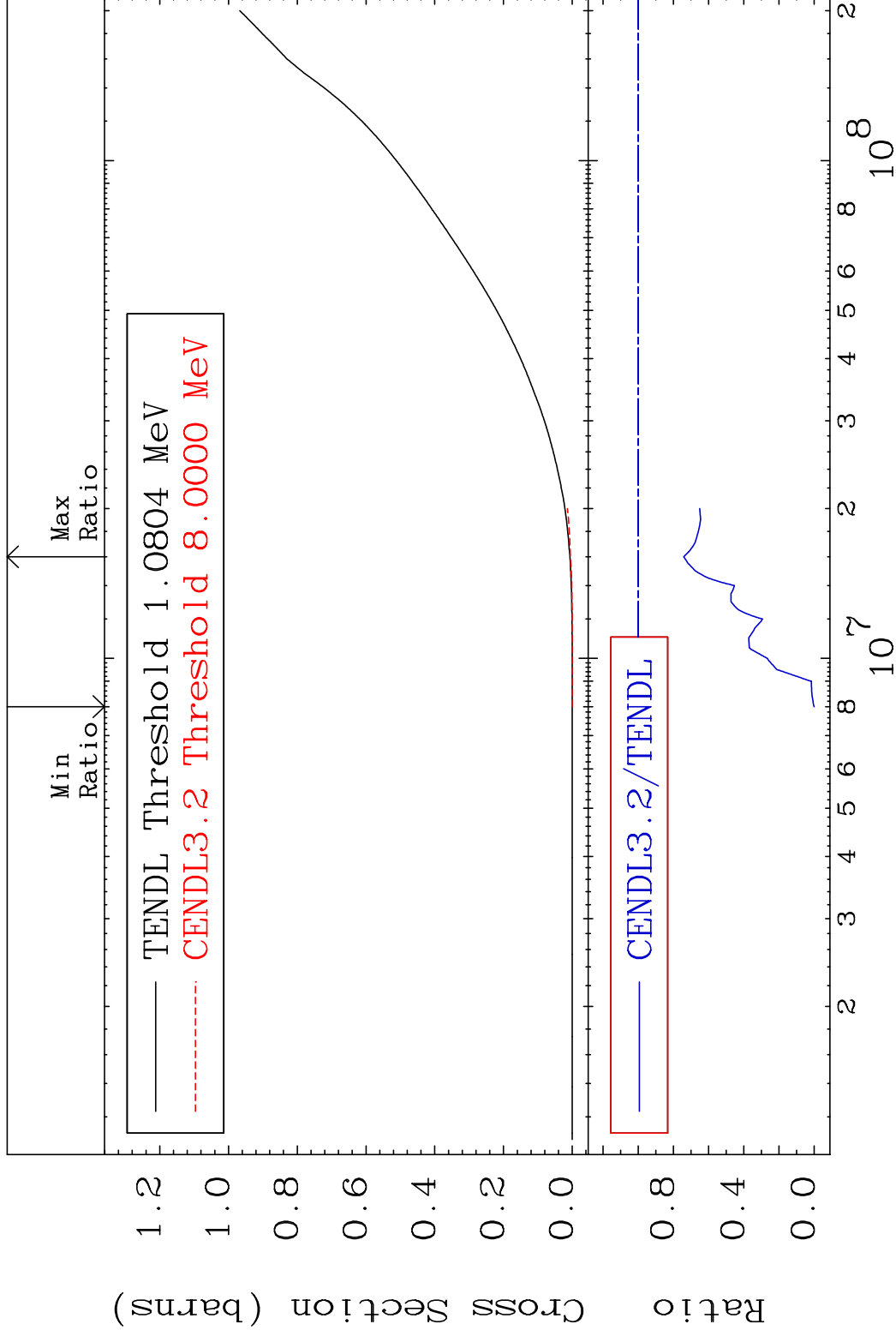
82-Pb-206

MAT 8231

Hydrogen Production

82-Pb-206

Cross Section -100.0 To -25.80%



26

Incident Energy (eV)

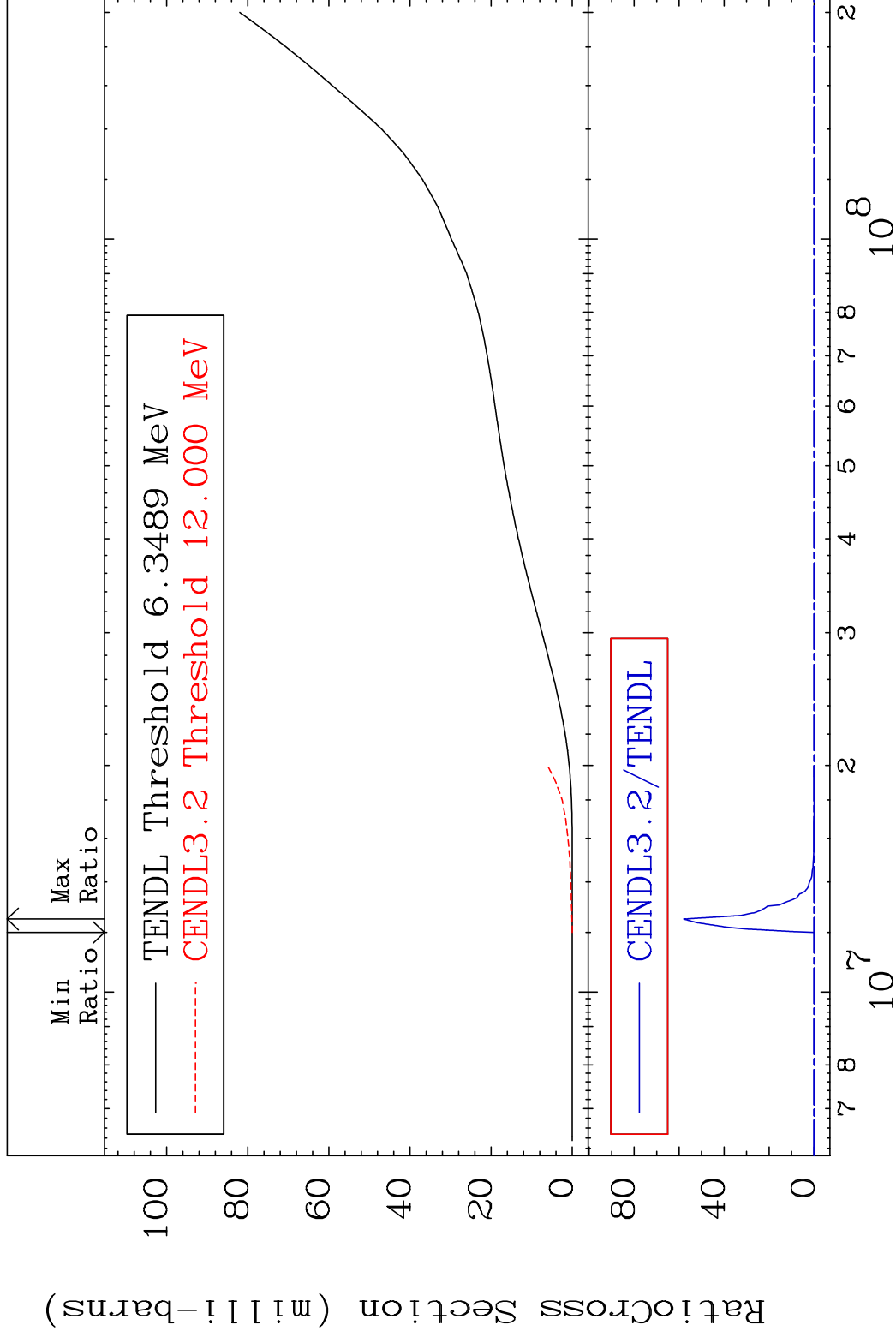
82-Pb-206

MAT 8231

Tritium Production

82-Pb-206

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

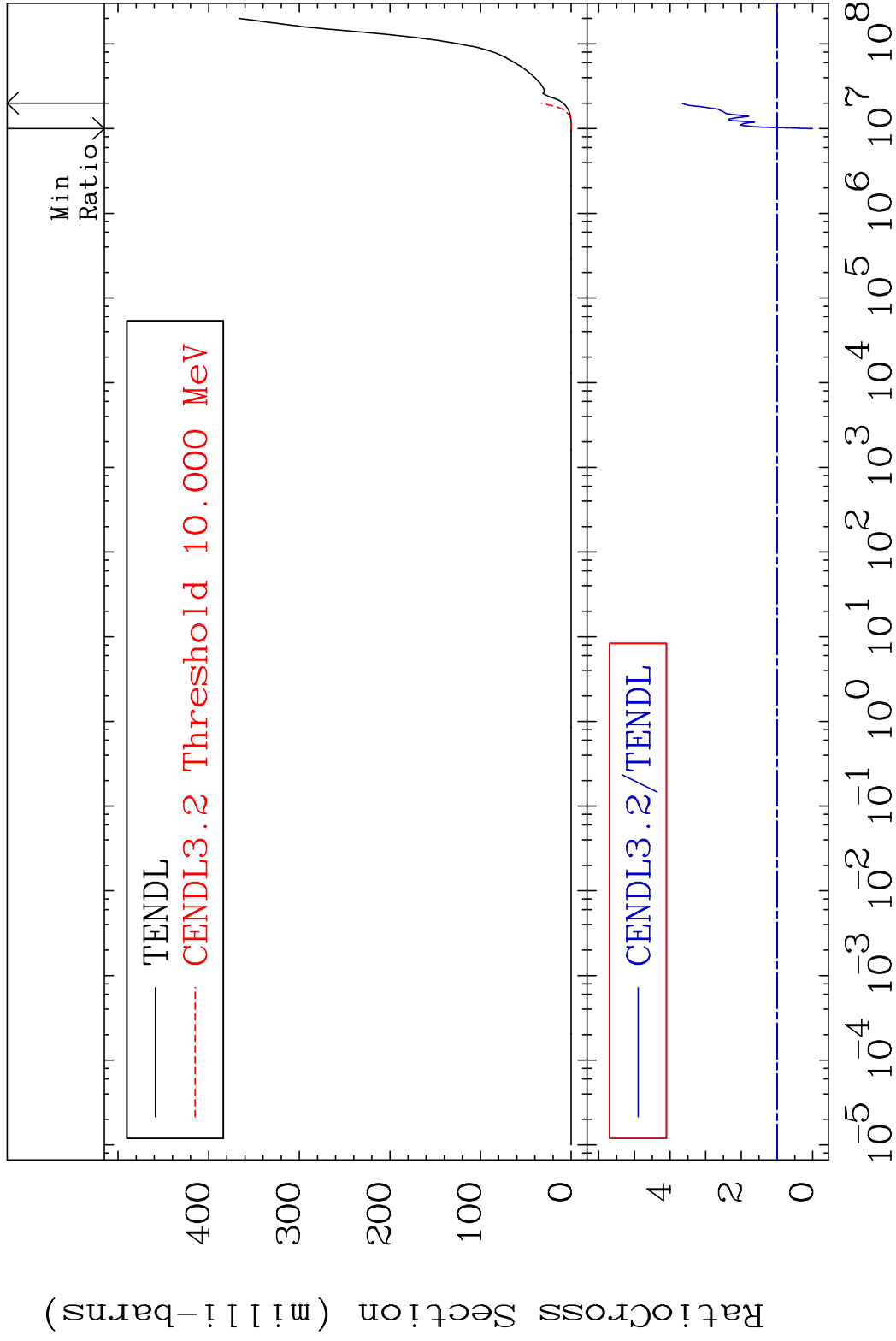
82-Pb-206

MAT 8231

He-4 Production

82-Pb-206

Cross Section -100.0 To 265.5 %



28

Incident Energy (eV)

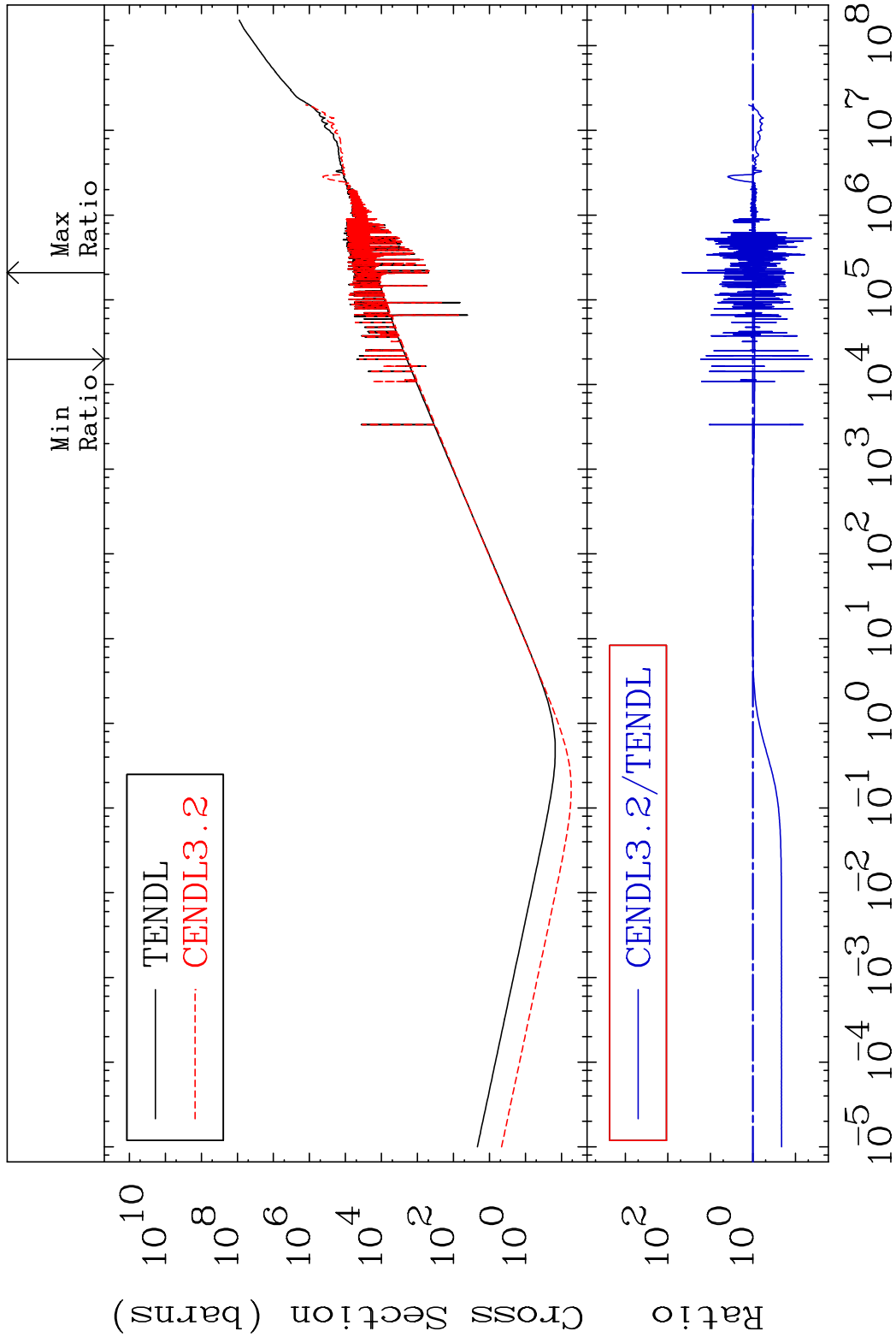
82-Pb-206

MAT 8231

Kerma total (eV-barns)

82-Pb-206

Cross Section -96.04 To 4453. %



29

Incident Energy (eV)

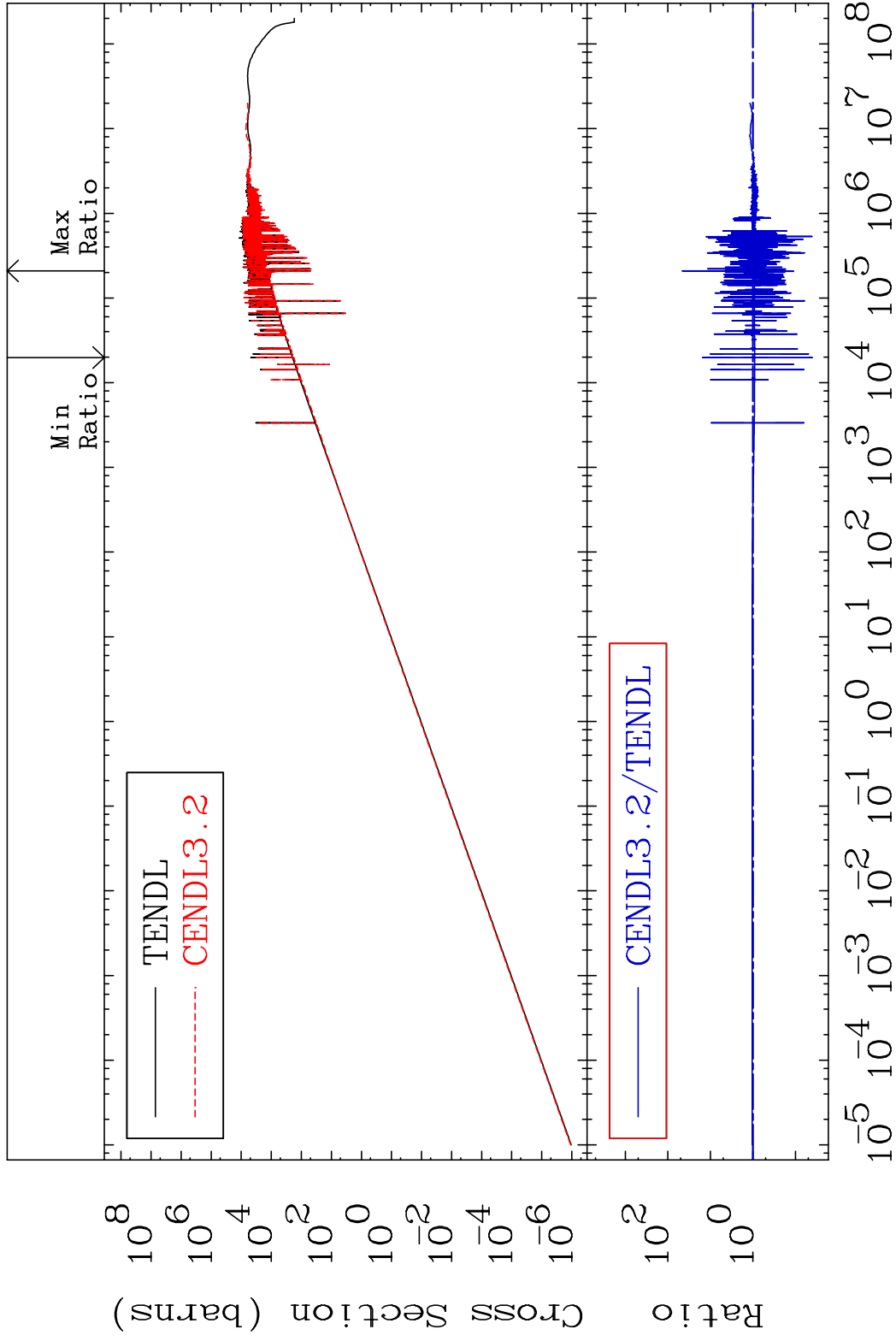
82-Pb-206

MAT 8231

Kerma elastic

82-Pb-206

Cross Section -96.05 To 4454. %

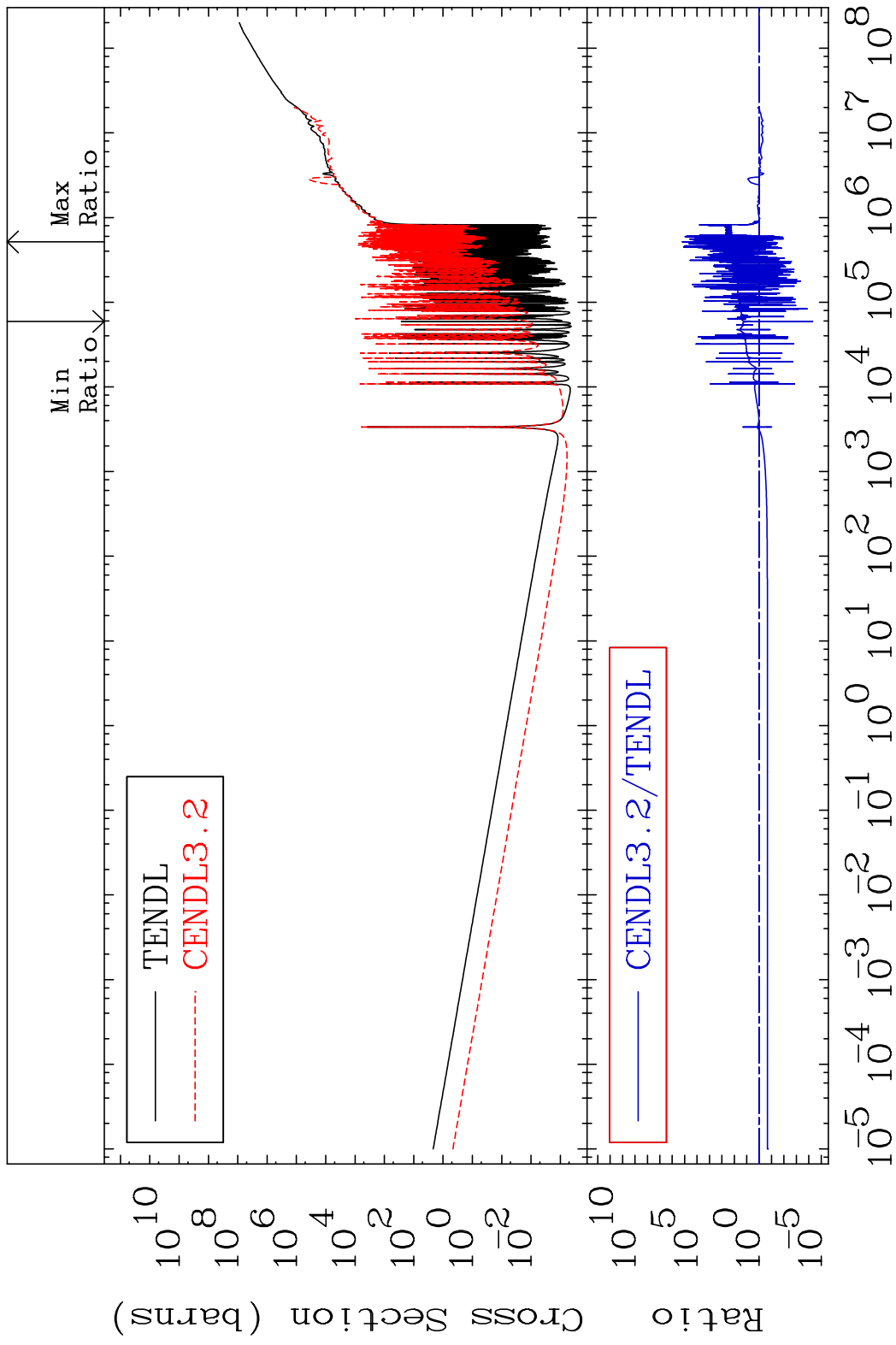


30

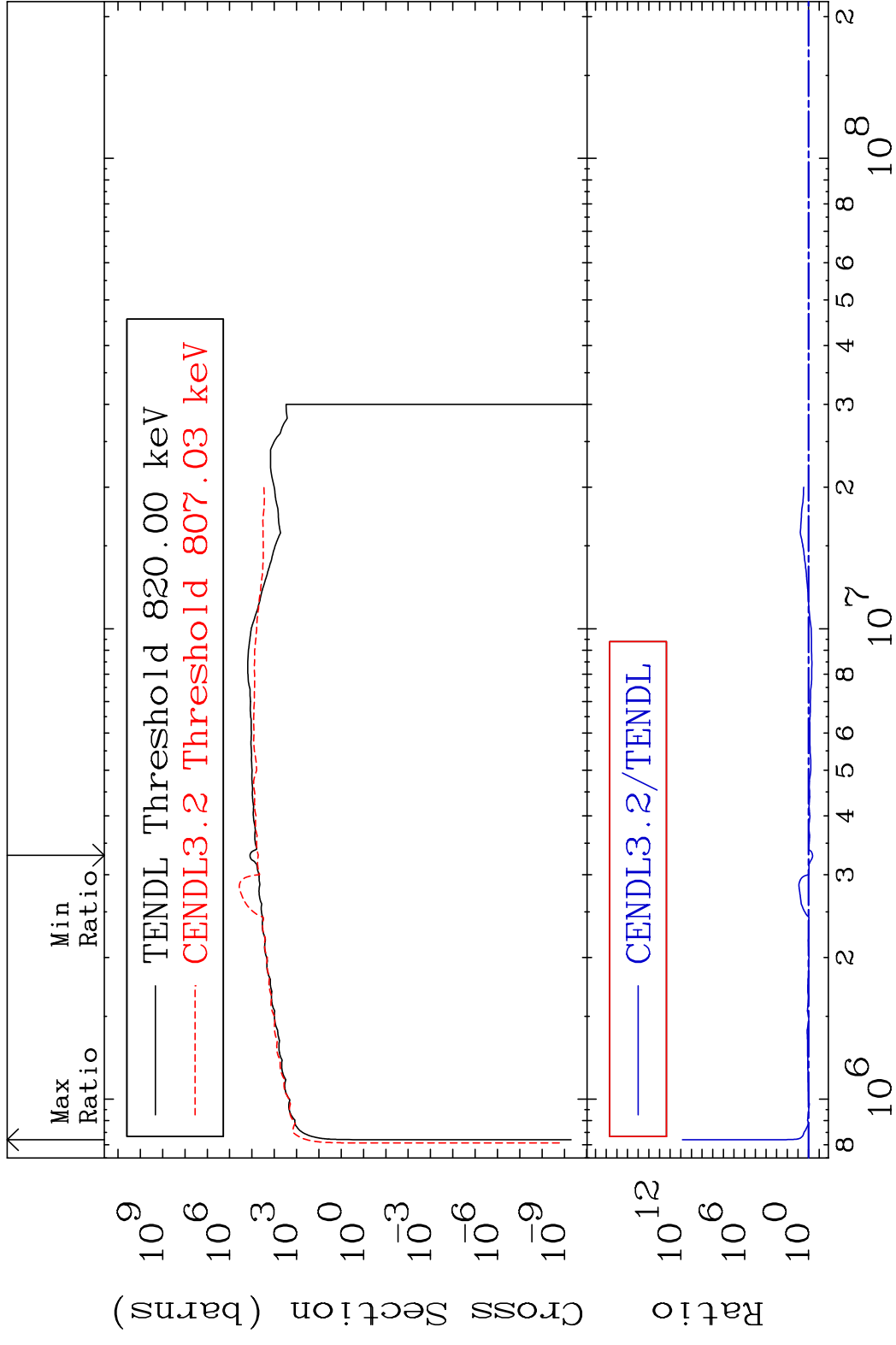
Incident Energy (eV)

82-Pb-206

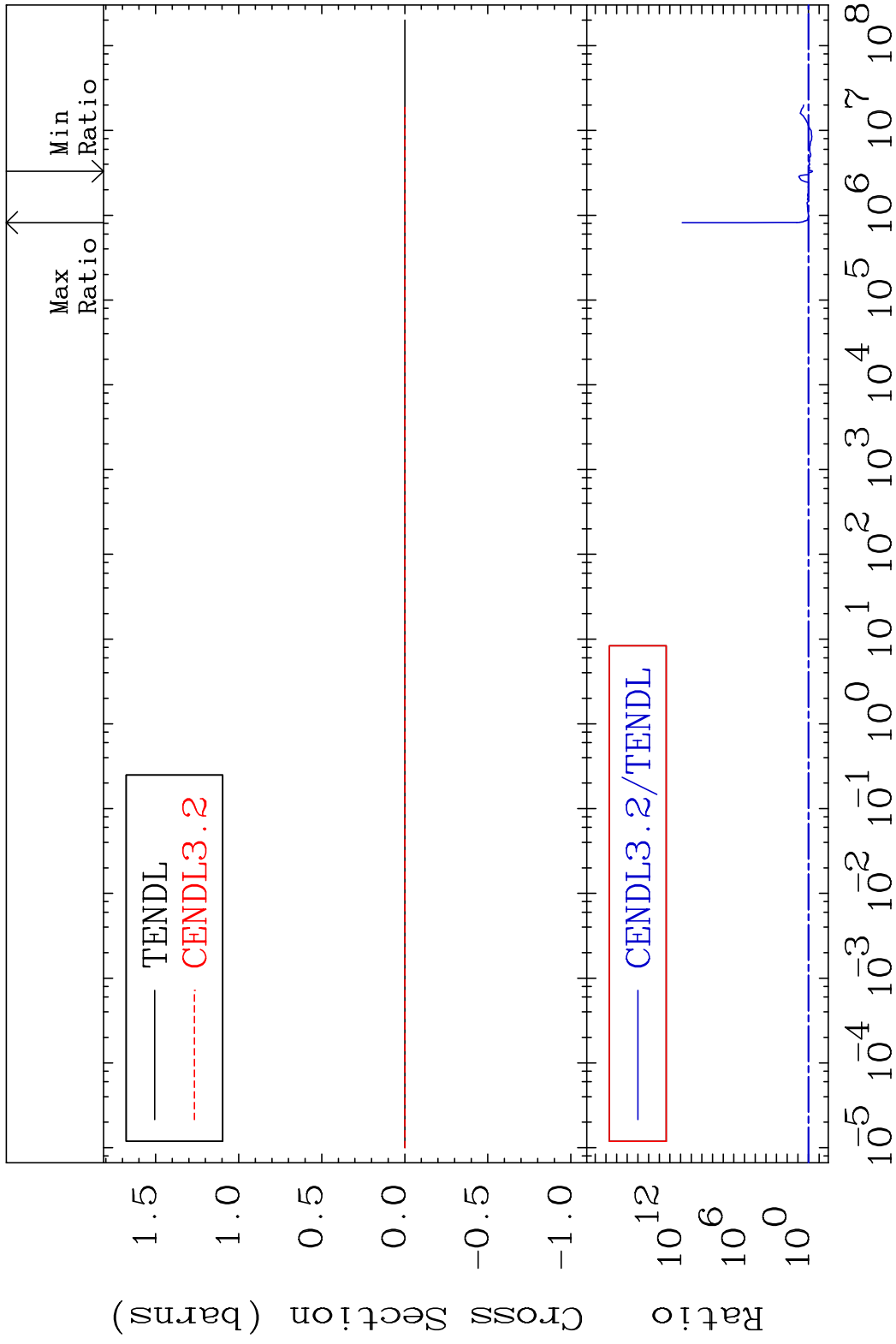
MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206  
 Cross Section -100.0 To 9999. %



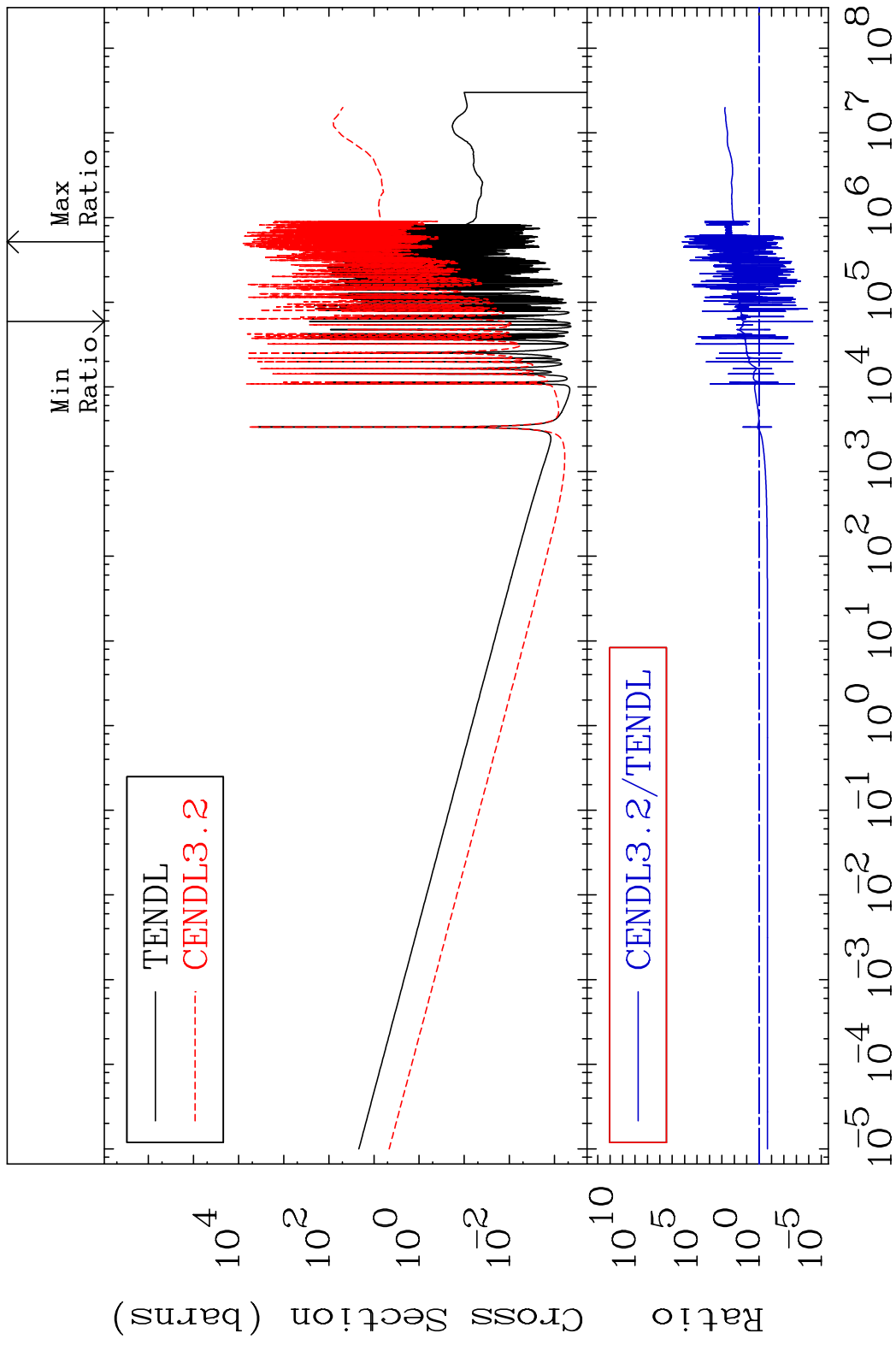
MAT 8231 Kerma inelastic (mt51-91) 82-Pb-206  
 Cross Section -57.50 To 9999. %



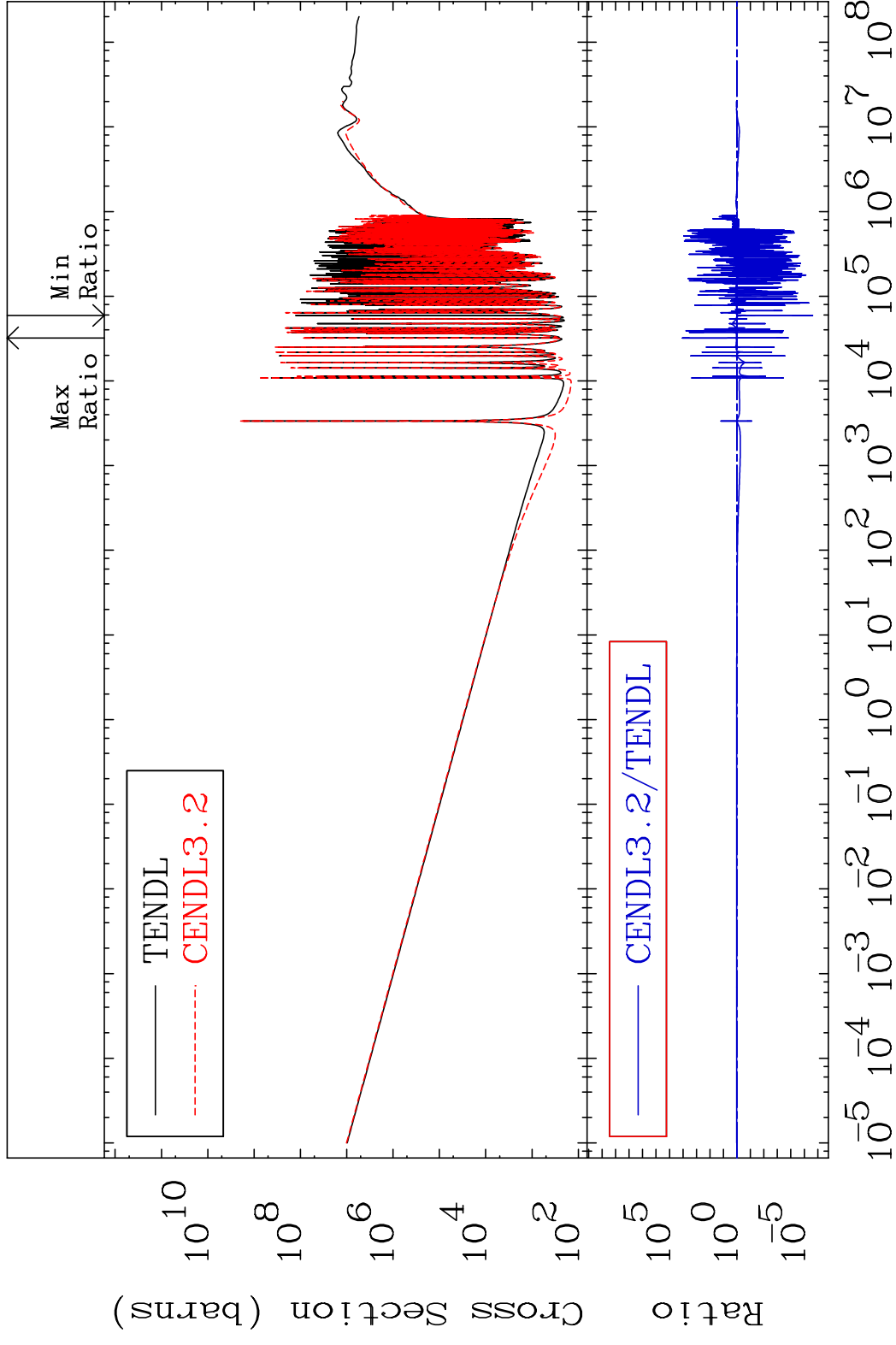
MAT 8231 Kerma fission (mt18 or mt19-20-21-38) $\beta$ 2-Pb-206  
 Cross Section -57.50 To 9999. %



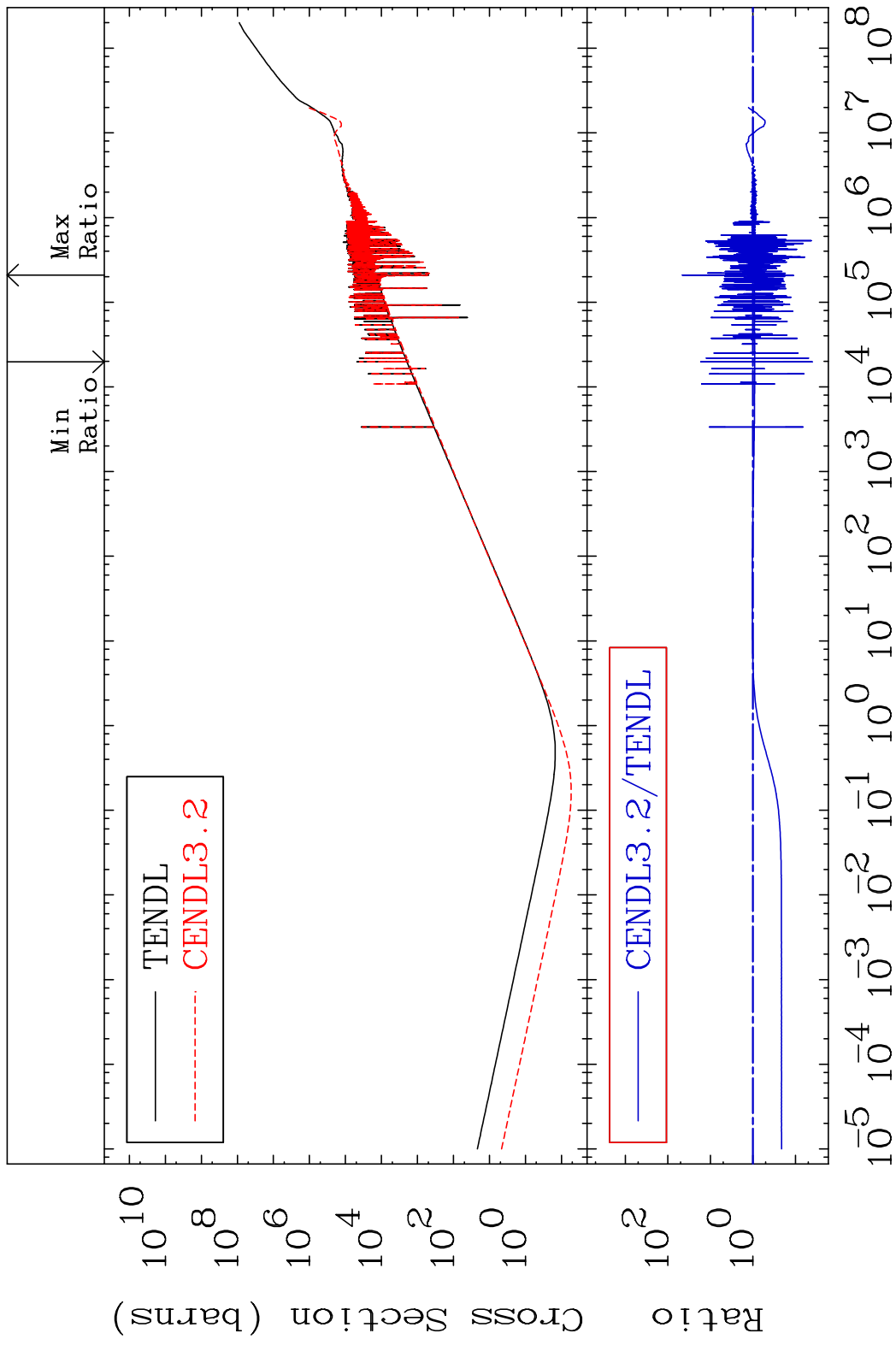
MAT 8231 Kerma capture (mt102) 82-Pb-206  
 Cross Section -100.0 To 9999. %



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 -96.04 To 4453. %

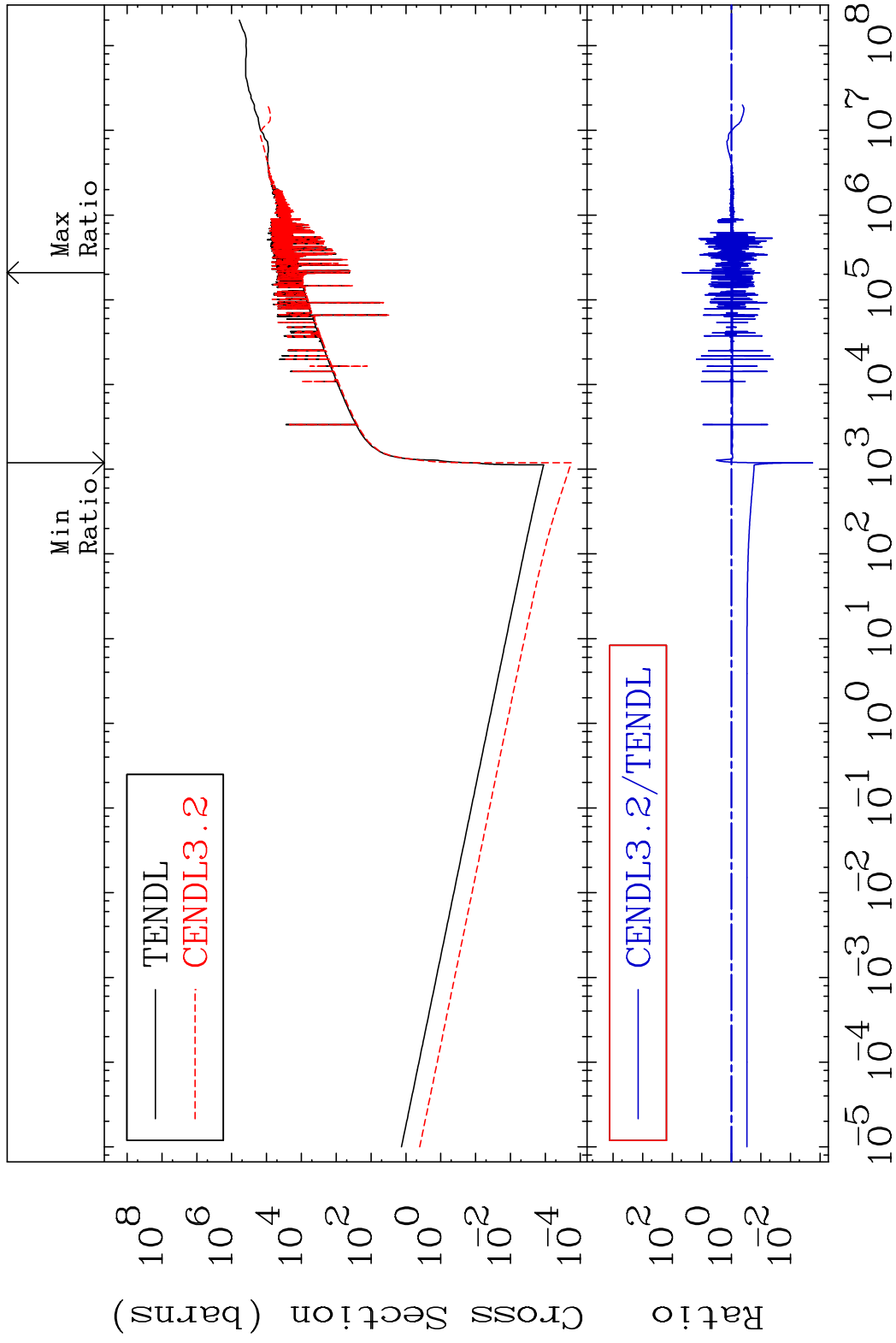


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -99.82 To 4454. %



37

Incident Energy (eV)

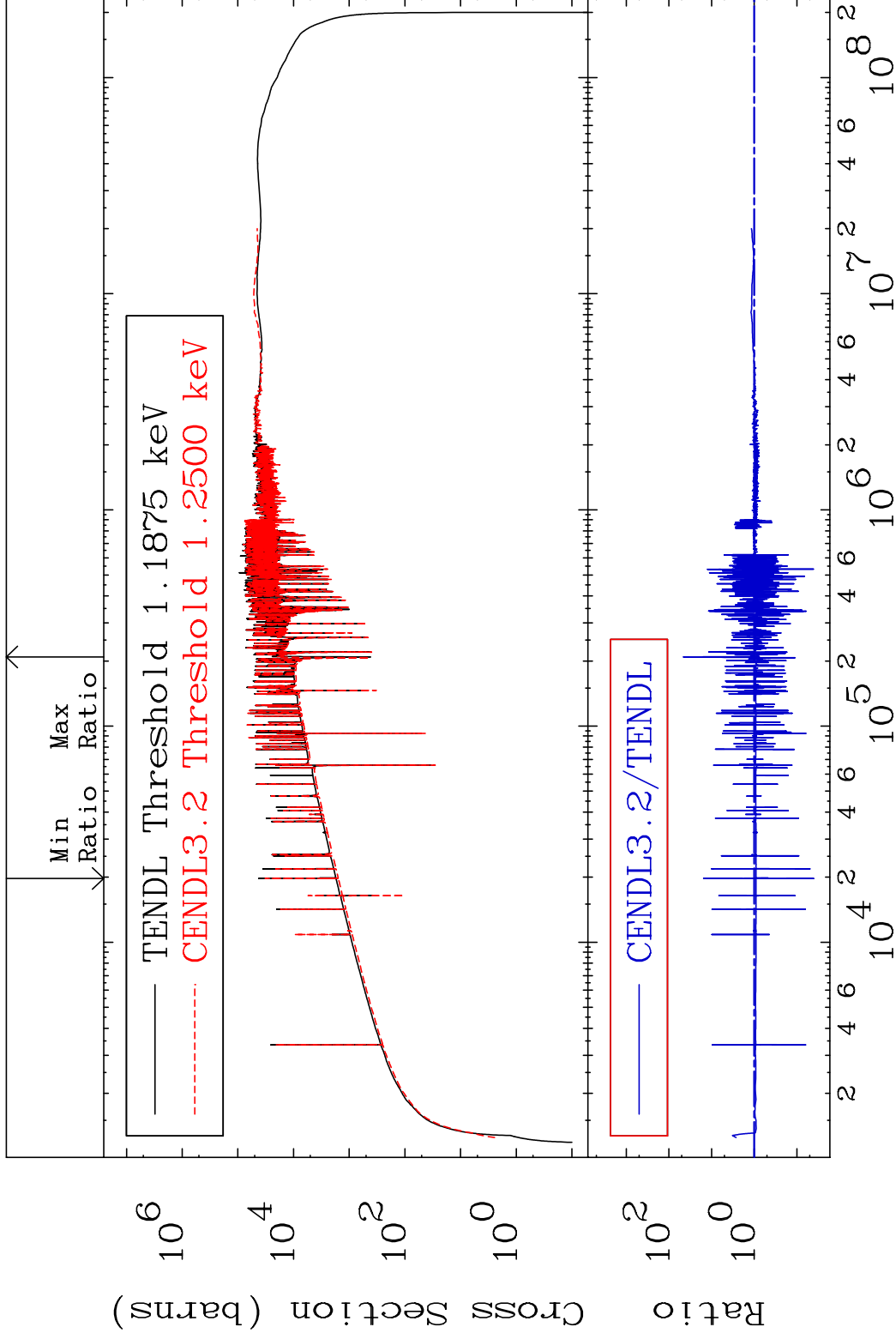
82-Pb-206

MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section -96.05 To 4454. %



38

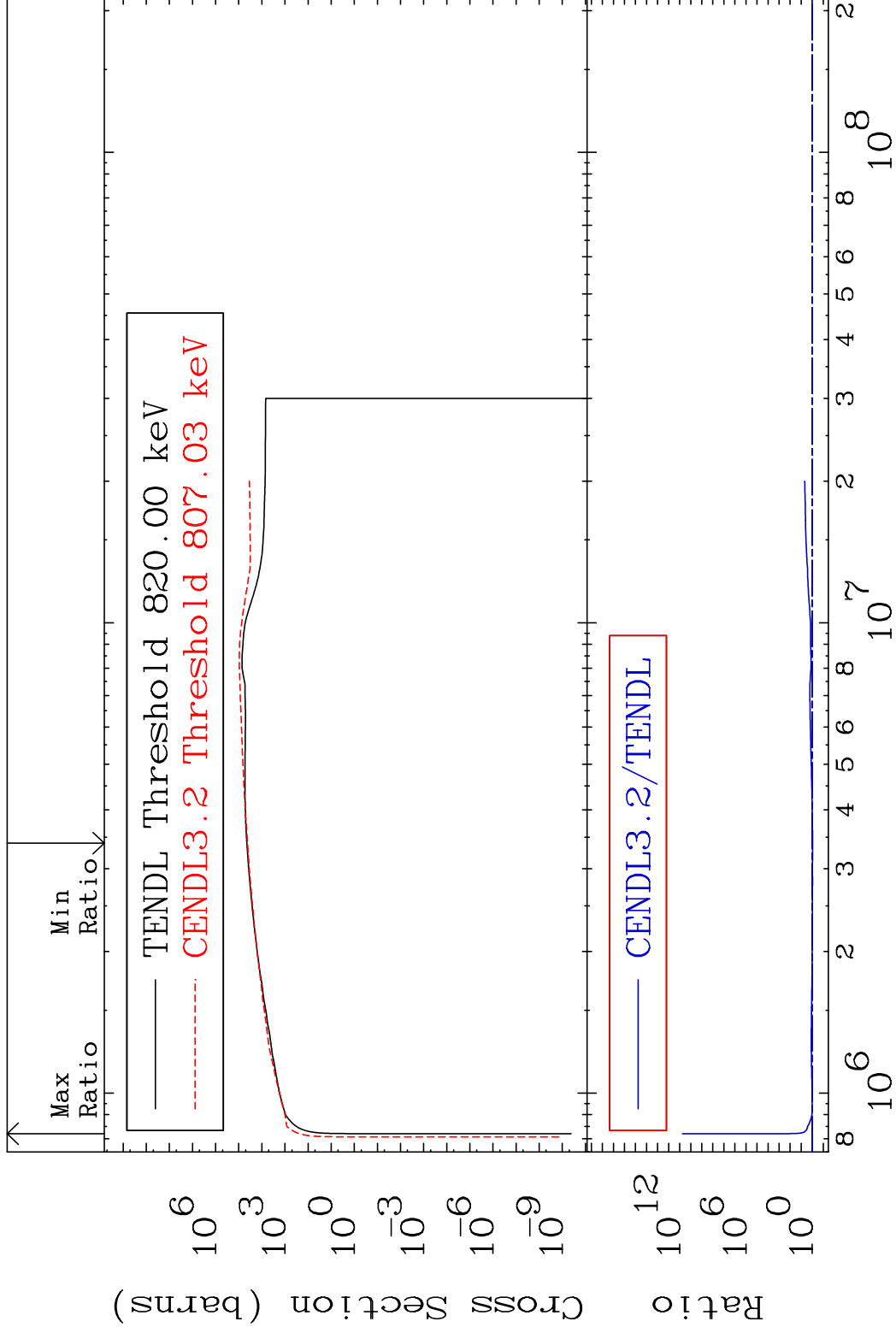
Incident Energy (eV)

82-Pb-206

MAT 8231

Dpa inelastic (mt51-91) 82-Pb-206

Cross Section -6.884 To 9999. %

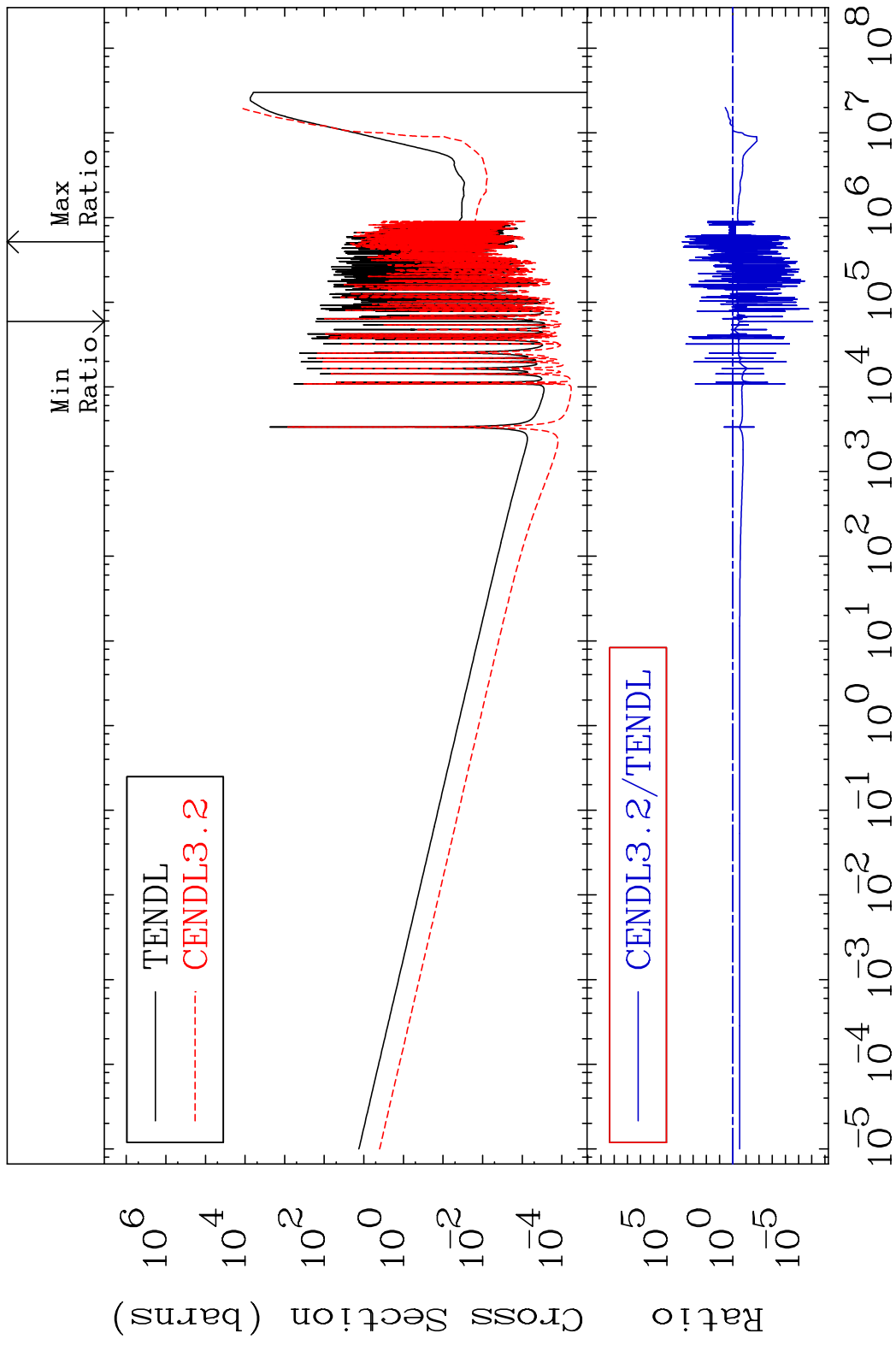


39

Incident Energy (eV)

82-Pb-206

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



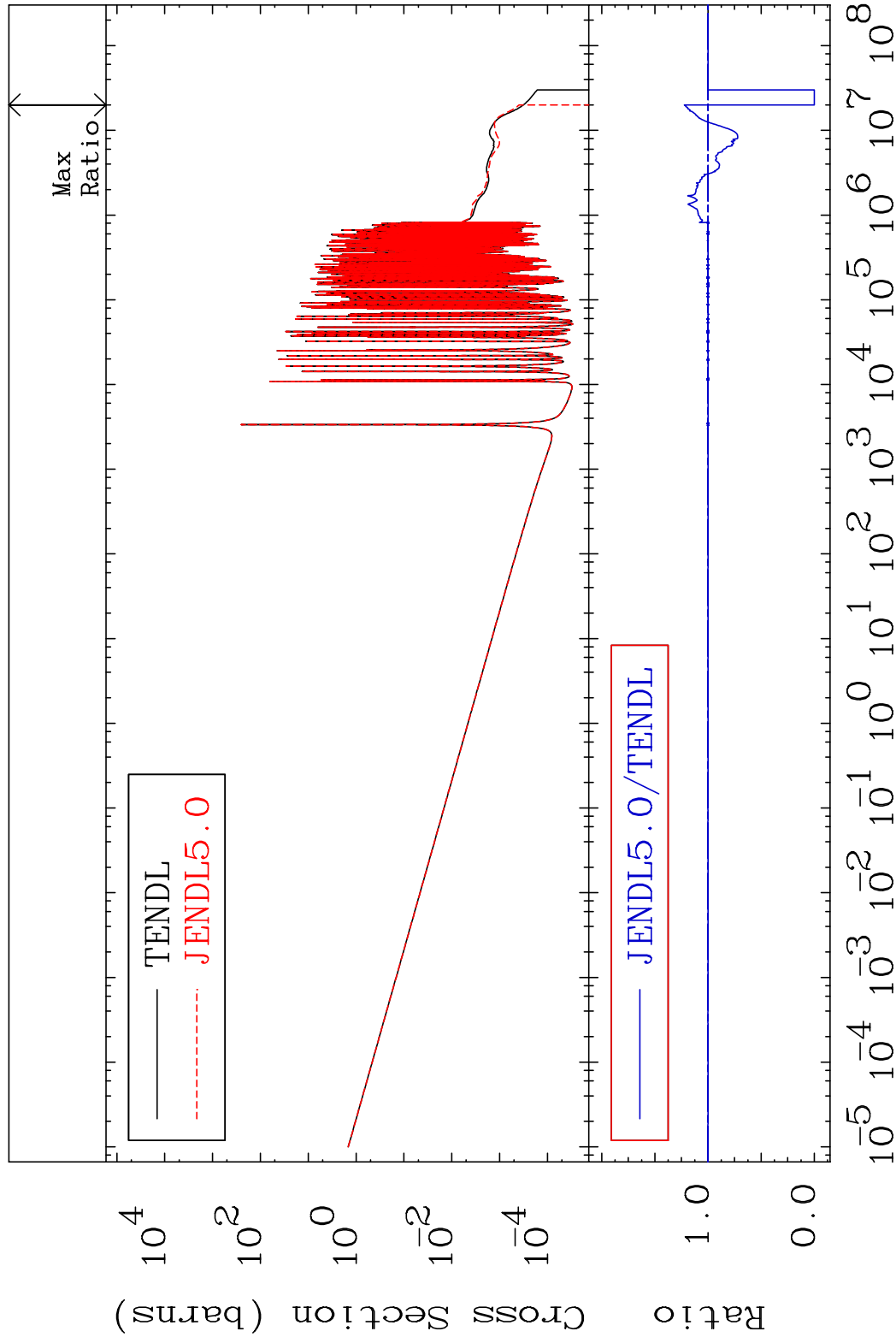
40 Incident Energy (eV) 82-Pb-206

MAT 8231

(n,  $\gamma$ )

82-Pb-206

Cross Section -100.0 To 22.53 %



41

Incident Energy (eV)

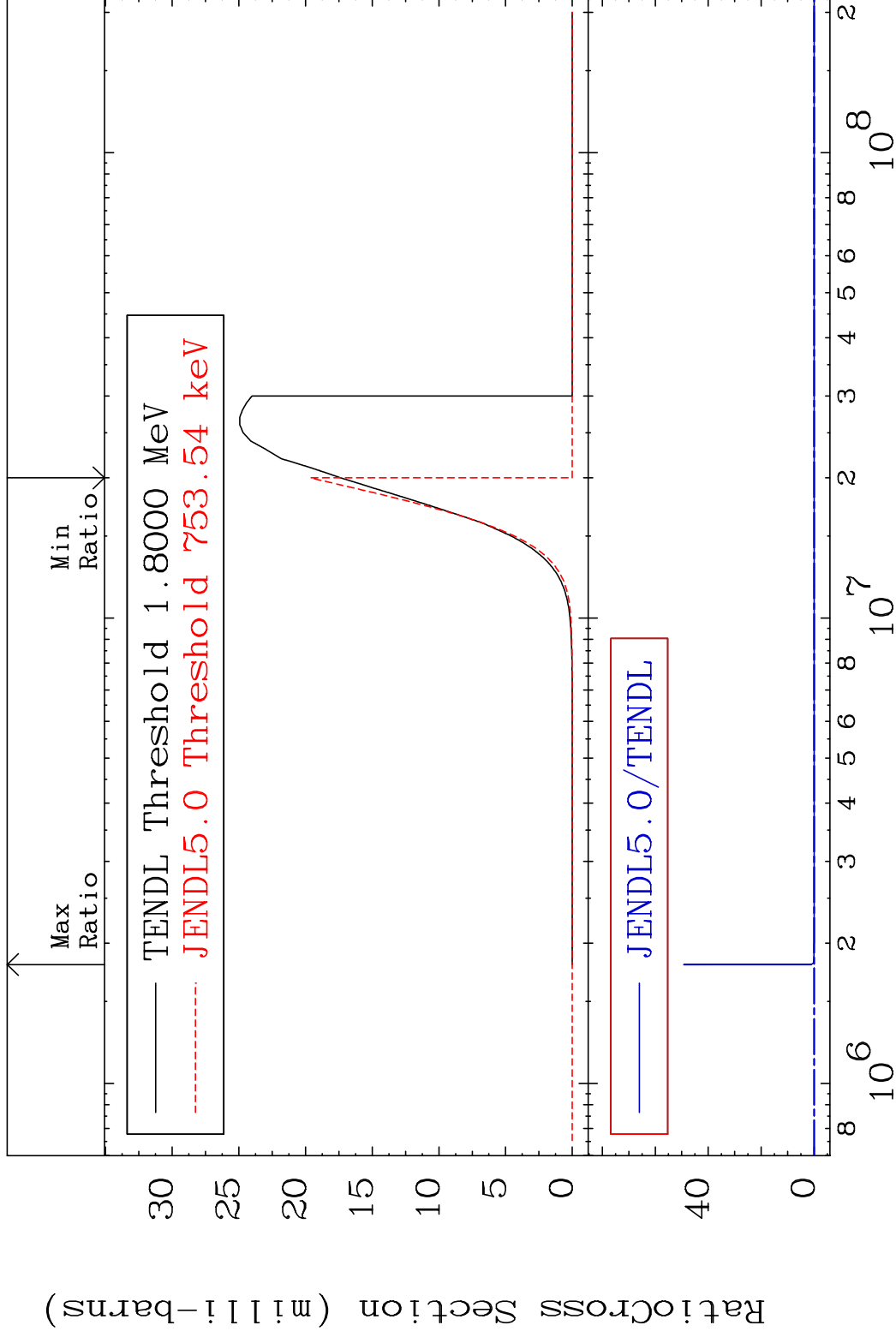
82-Pb-206

MAT 8231

(n,p)

82-Pb-206

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

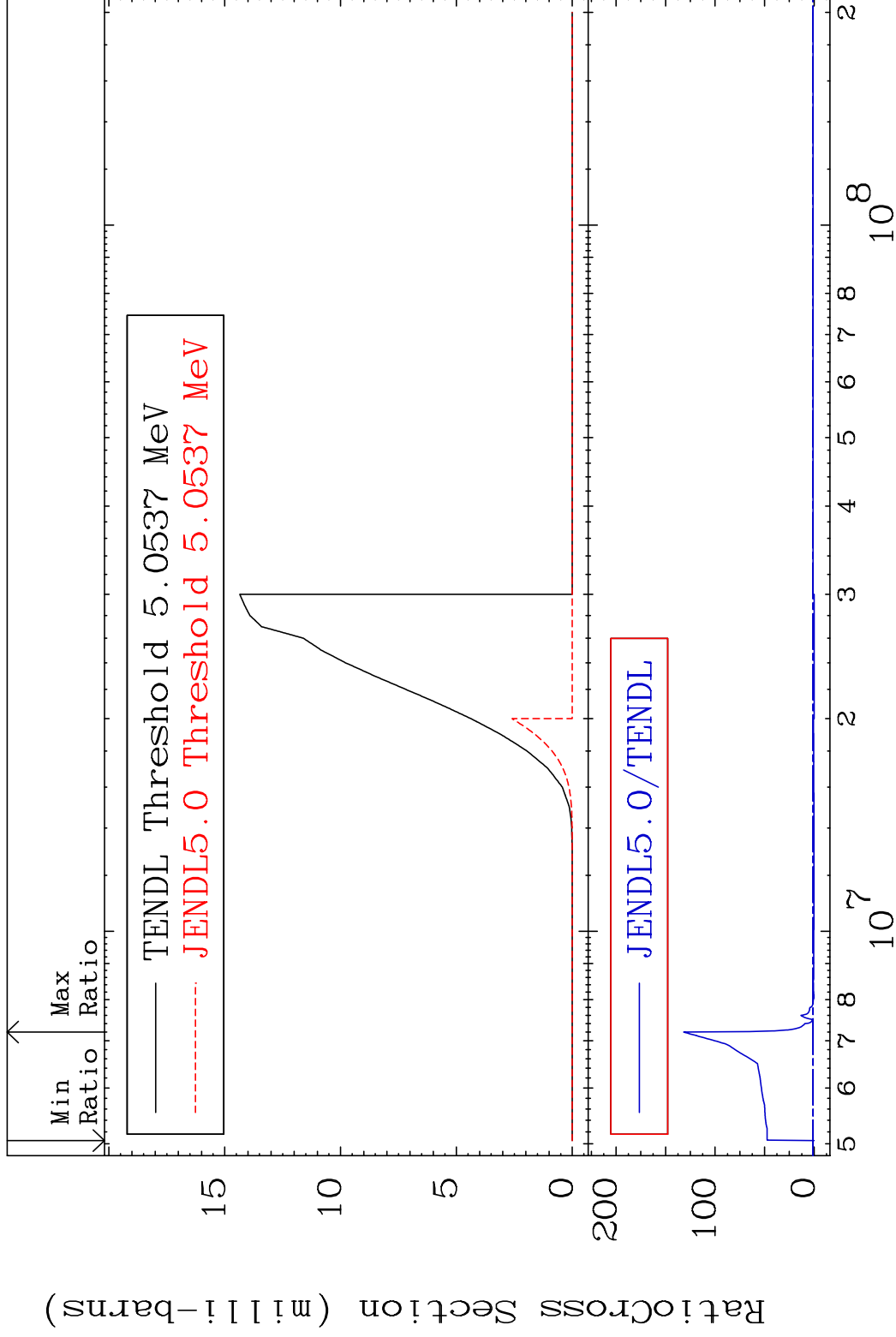
82-Pb-206

MAT 8231

(n,d)

82-Pb-206

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

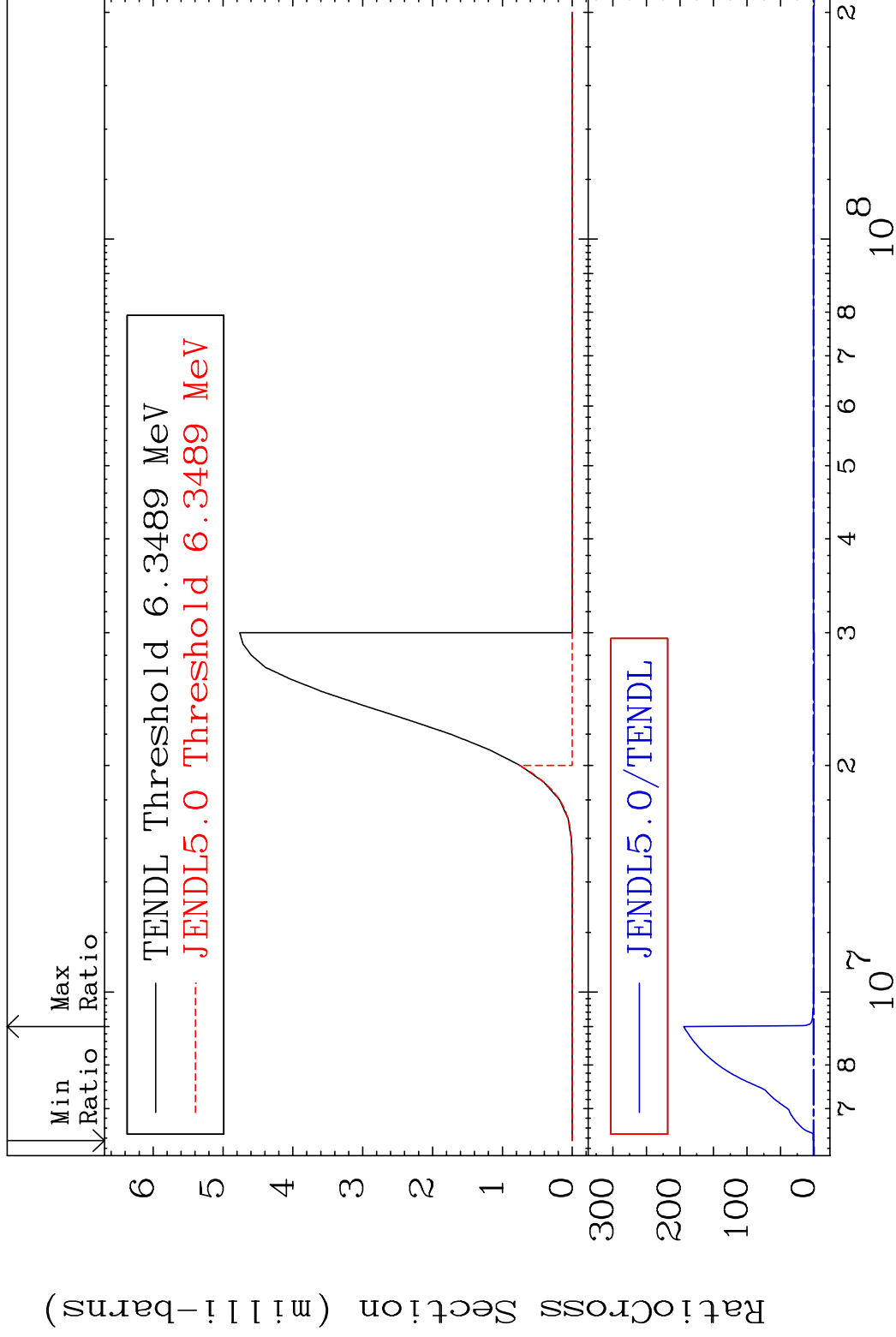
82-Pb-206

MAT 8231

(n, t)

82-Pb-206

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

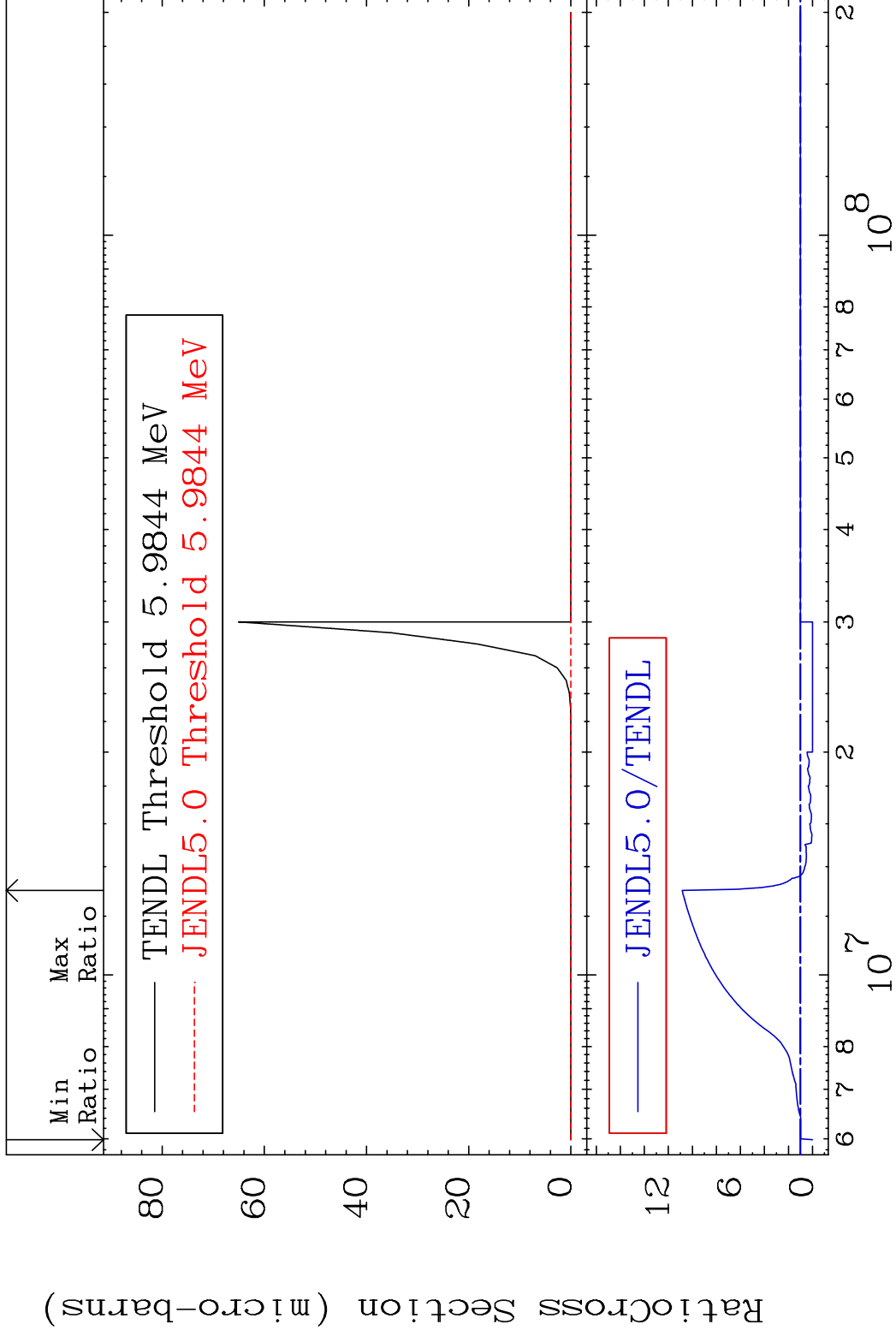
82-Pb-206

MAT 8231

(n, He-3)

82-Pb-206

Cross Section -100.0 To 985.2 %



45

Incident Energy (eV)

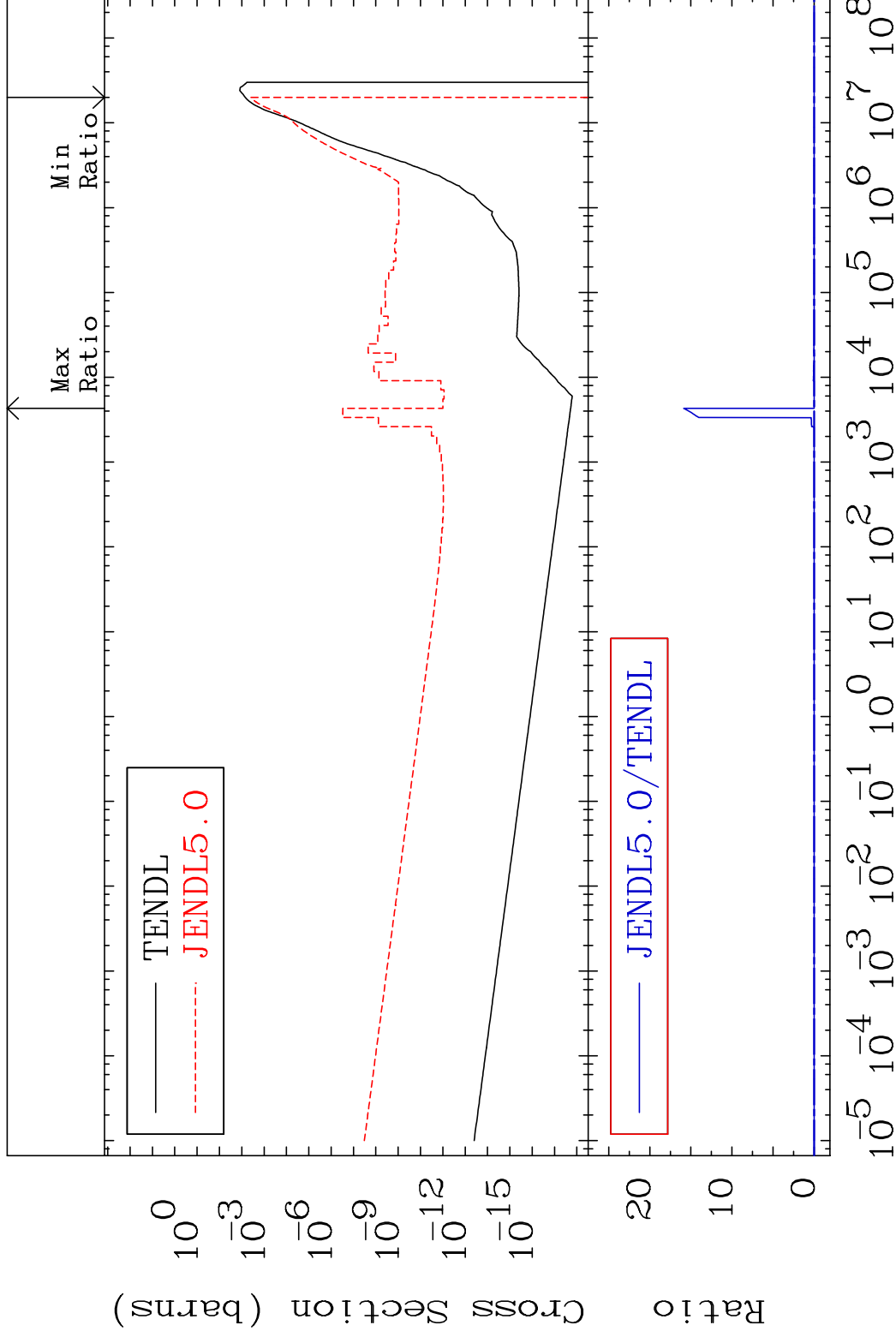
82-Pb-206

MAT 8231

(n,  $\alpha$ )

82-Pb-206

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

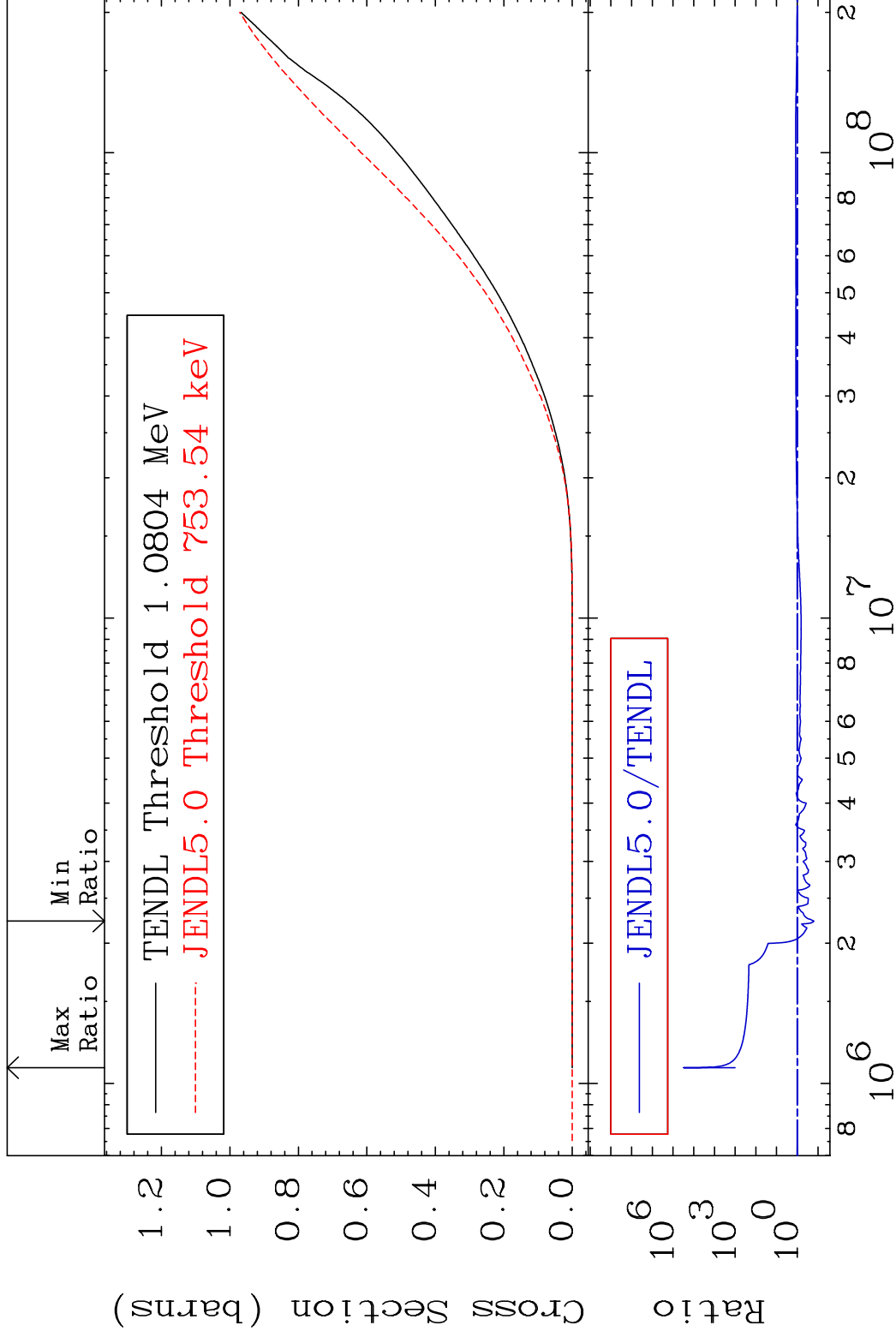
82-Pb-206

MAT 8231

Hydrogen Production

82-Pb-206

Cross Section -84.61 To 9999. %

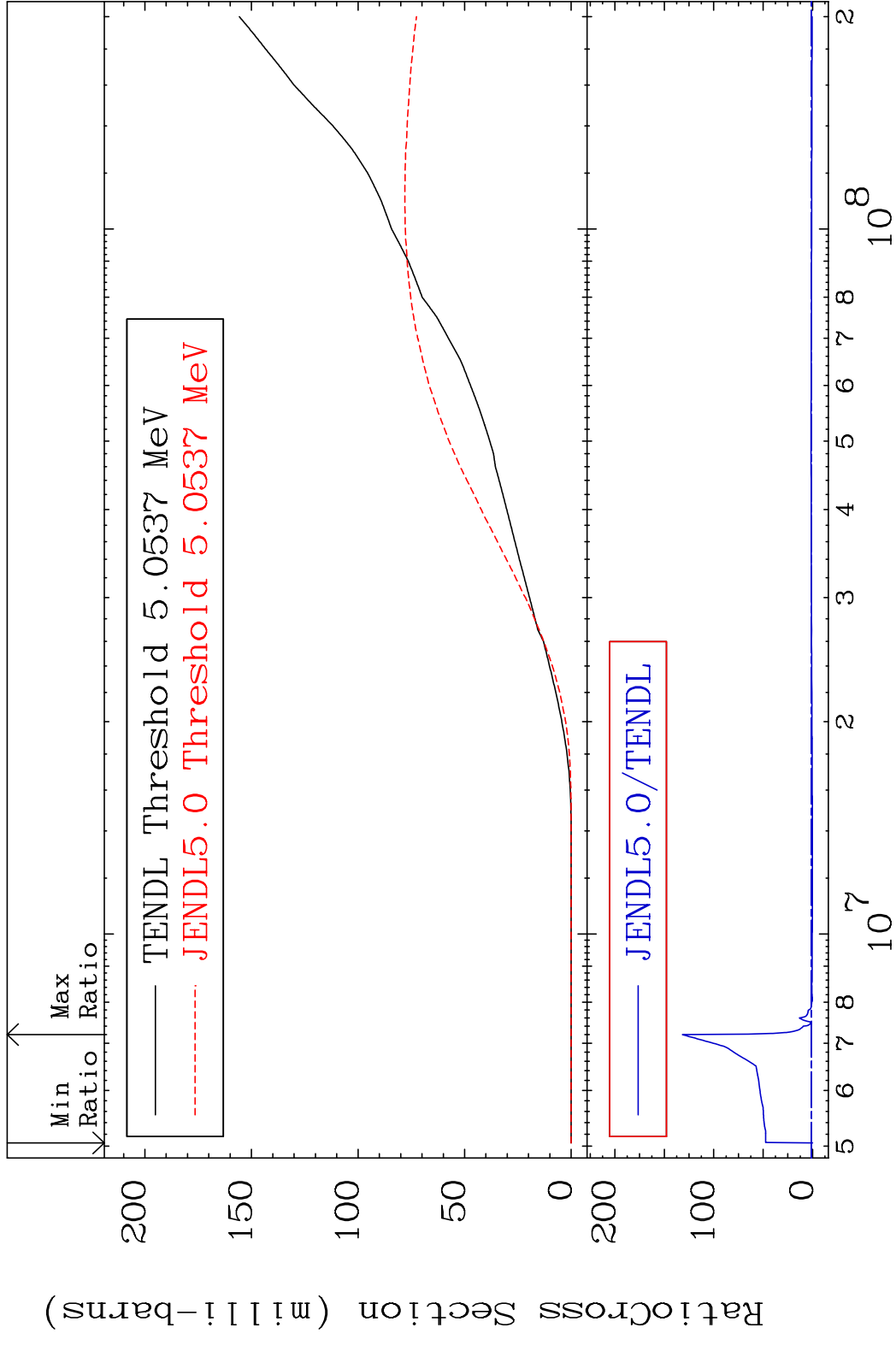


47

Incident Energy (eV)

82-Pb-206

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



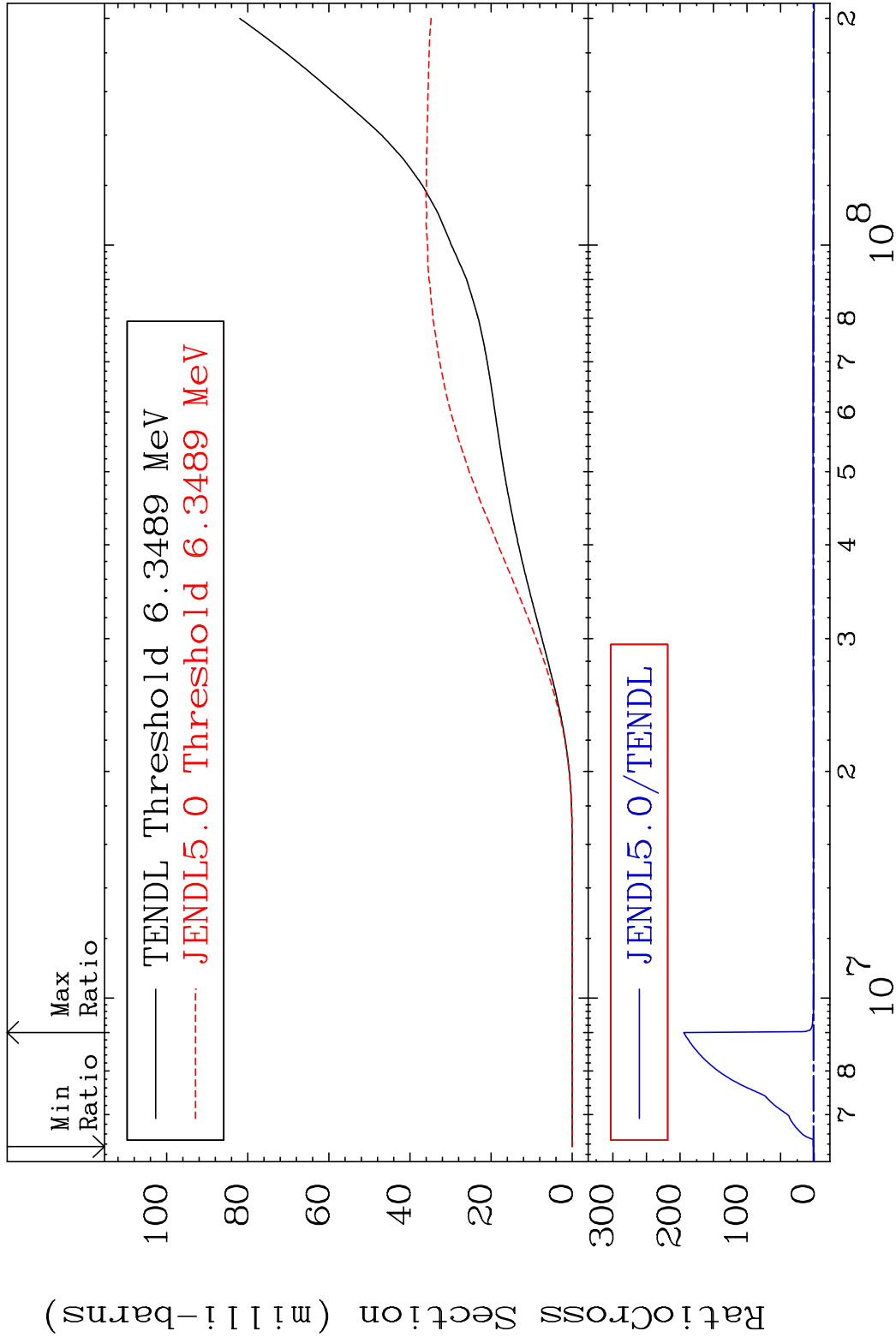
48 Incident Energy (eV) 82-Pb-206

MAT 8231

Tritium Production

82-Pb-206

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

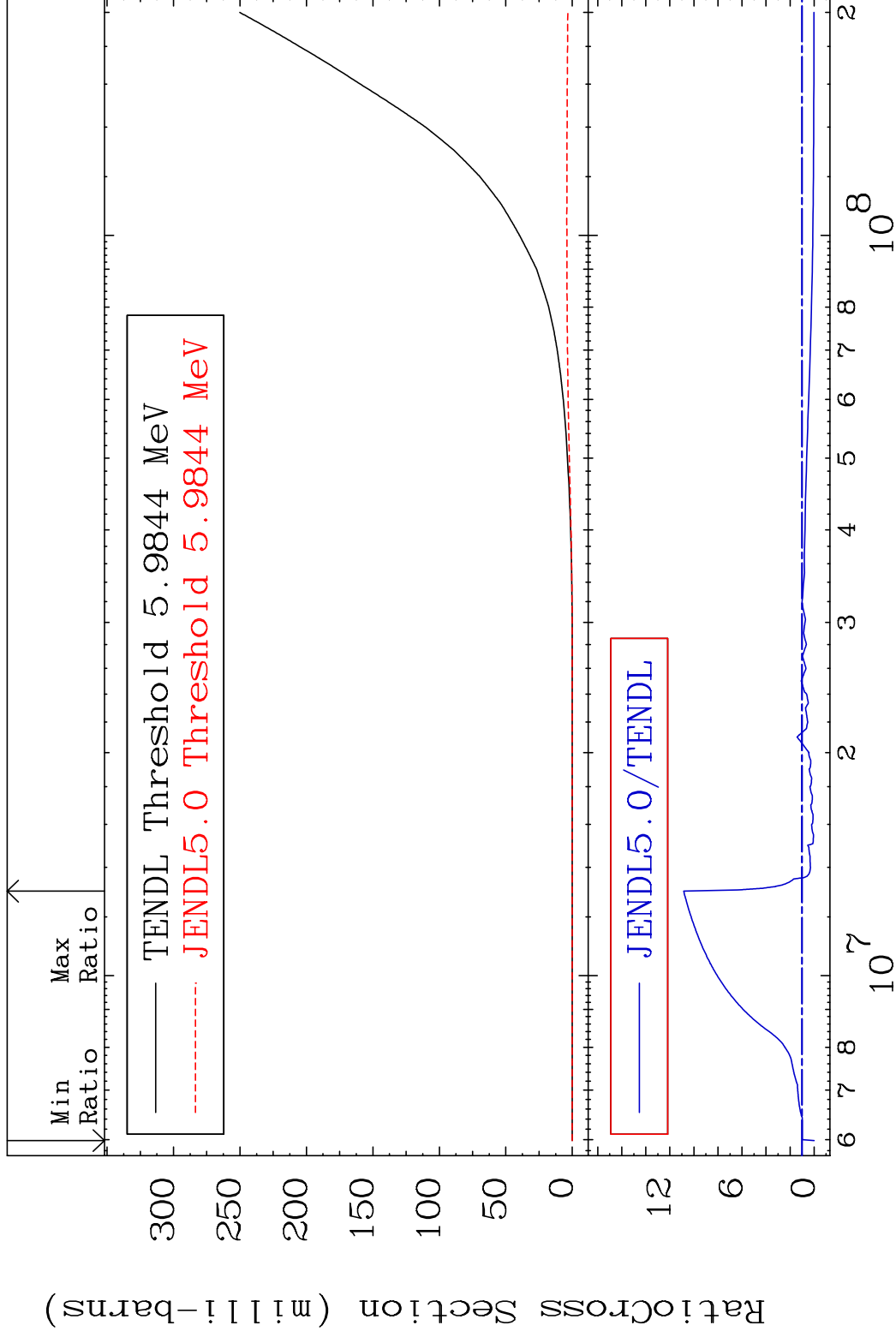
82-Pb-206

MAT 8231

He-3 Production

82-Pb-206

Cross Section -100.0 To 985.2 %



50

Incident Energy (eV)

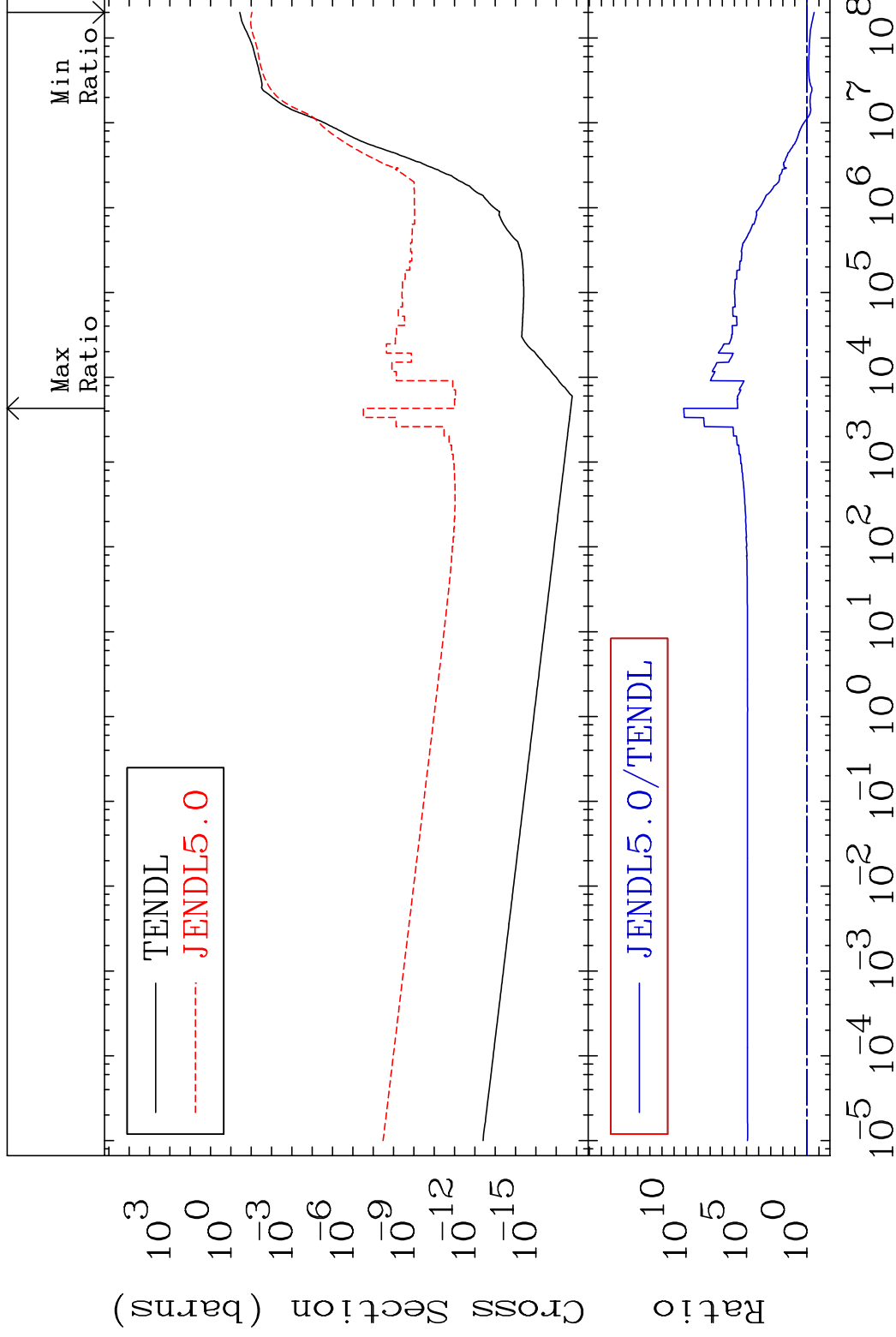
82-Pb-206

MAT 8231

He-4 Production

82-Pb-206

Cross Section -74.50 To 9999. %

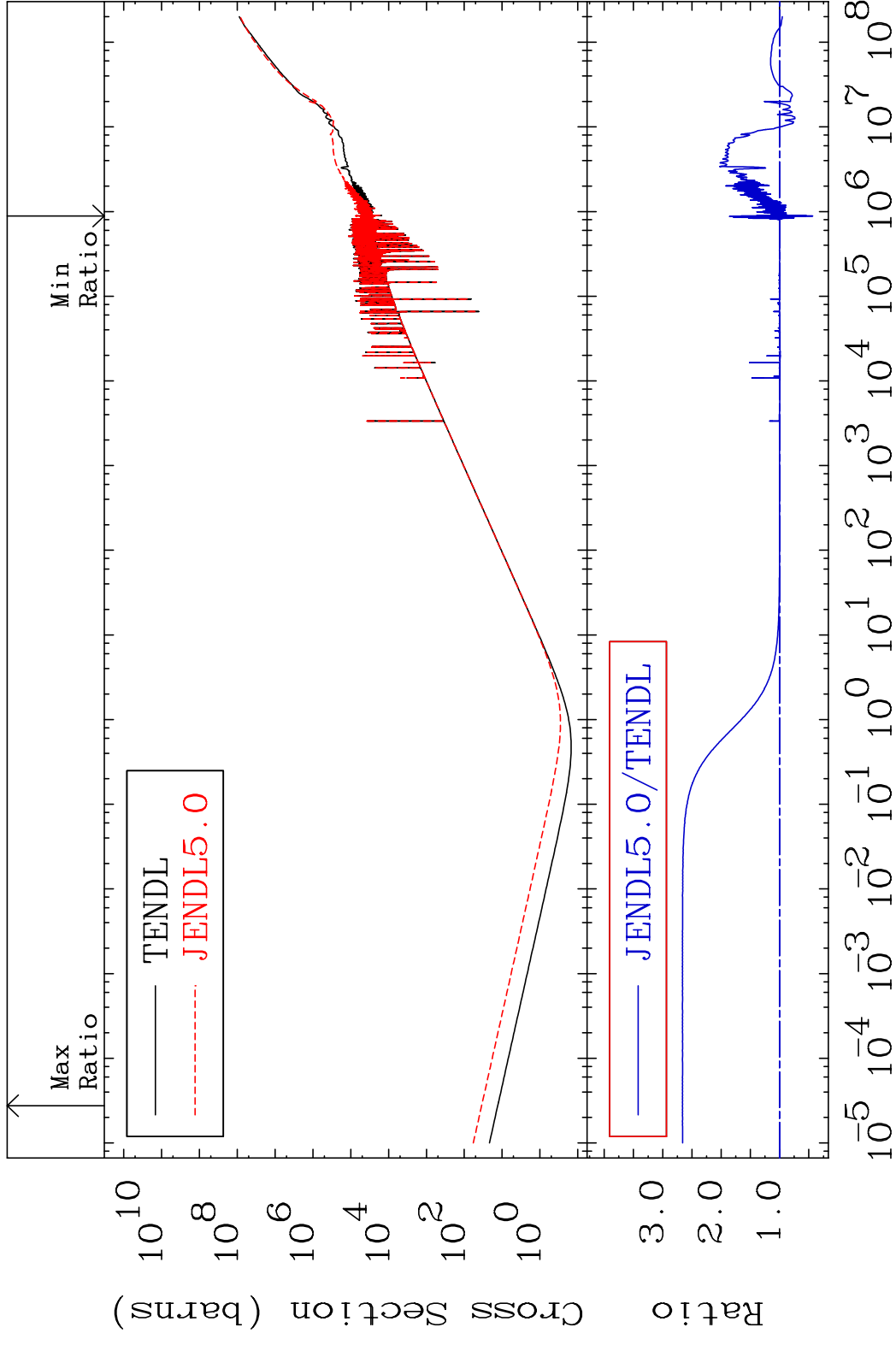


51

Incident Energy (eV)

82-Pb-206

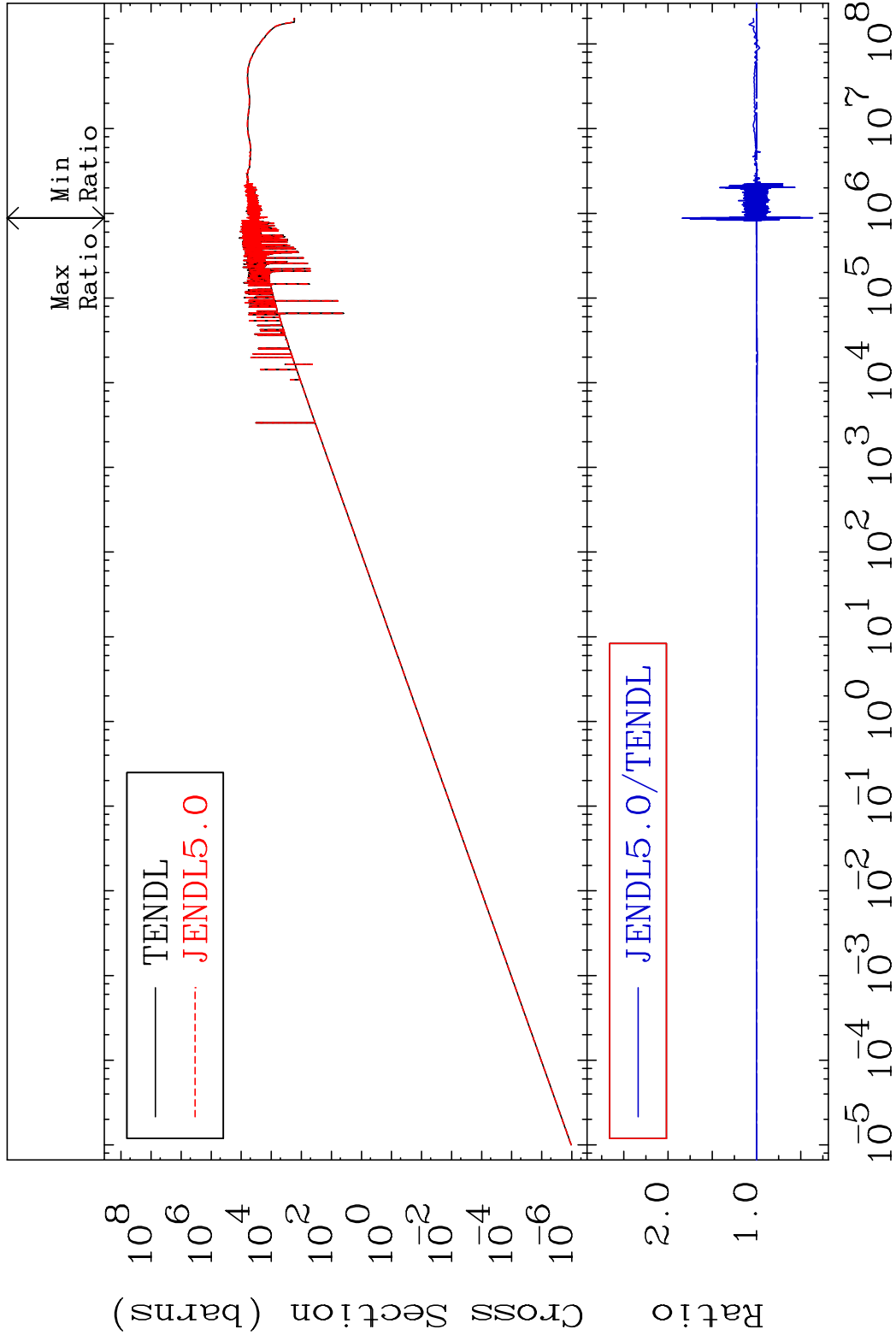
MAT 8231 Kerma total (eV-barns) 82-Pb-206  
 Cross Section -56.36 To 166.4 %



MAT 8231

Kerma elastic  
Cross Section

82-Pb-206  
-63.28 To 83.88 %

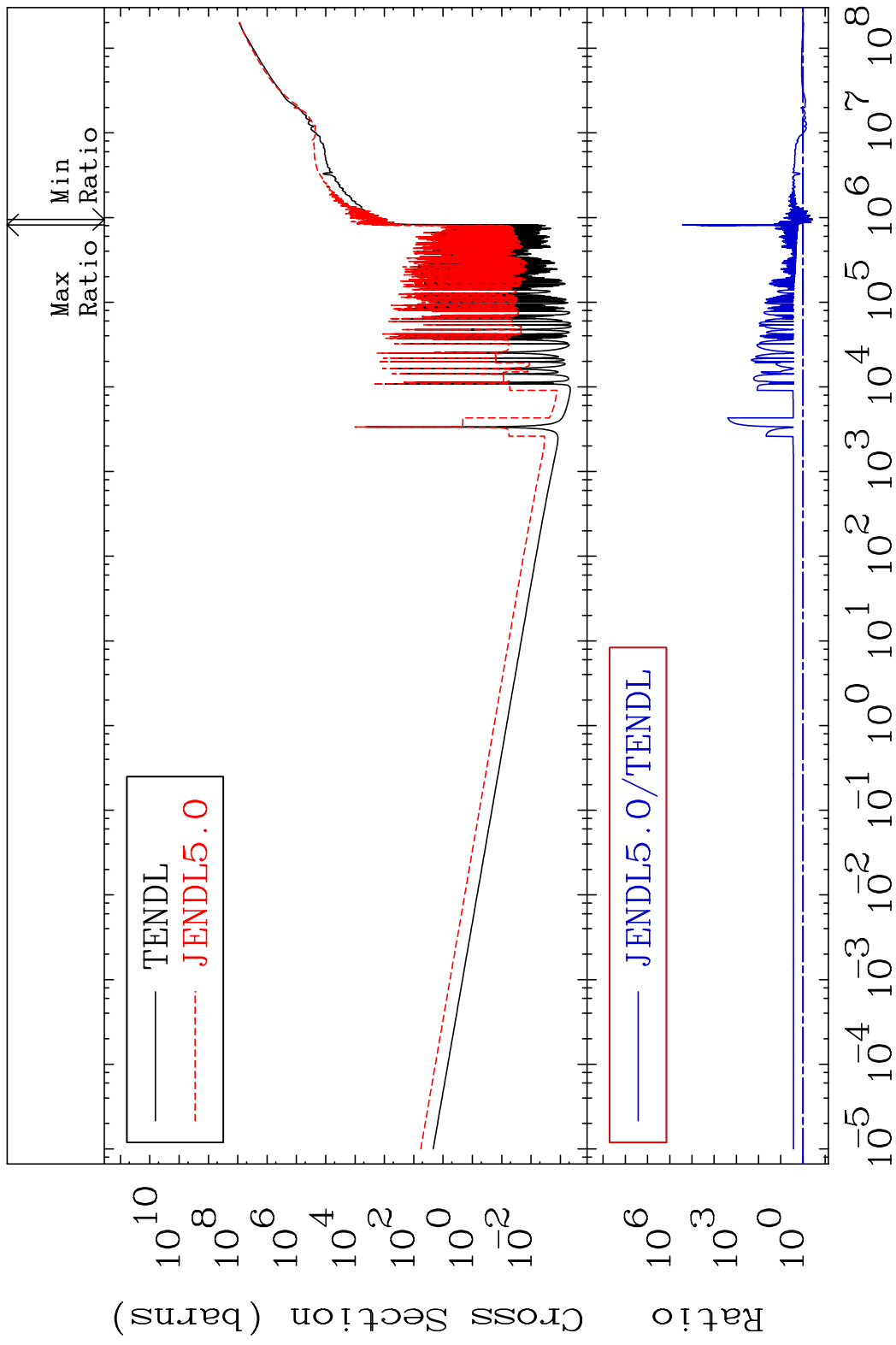


53

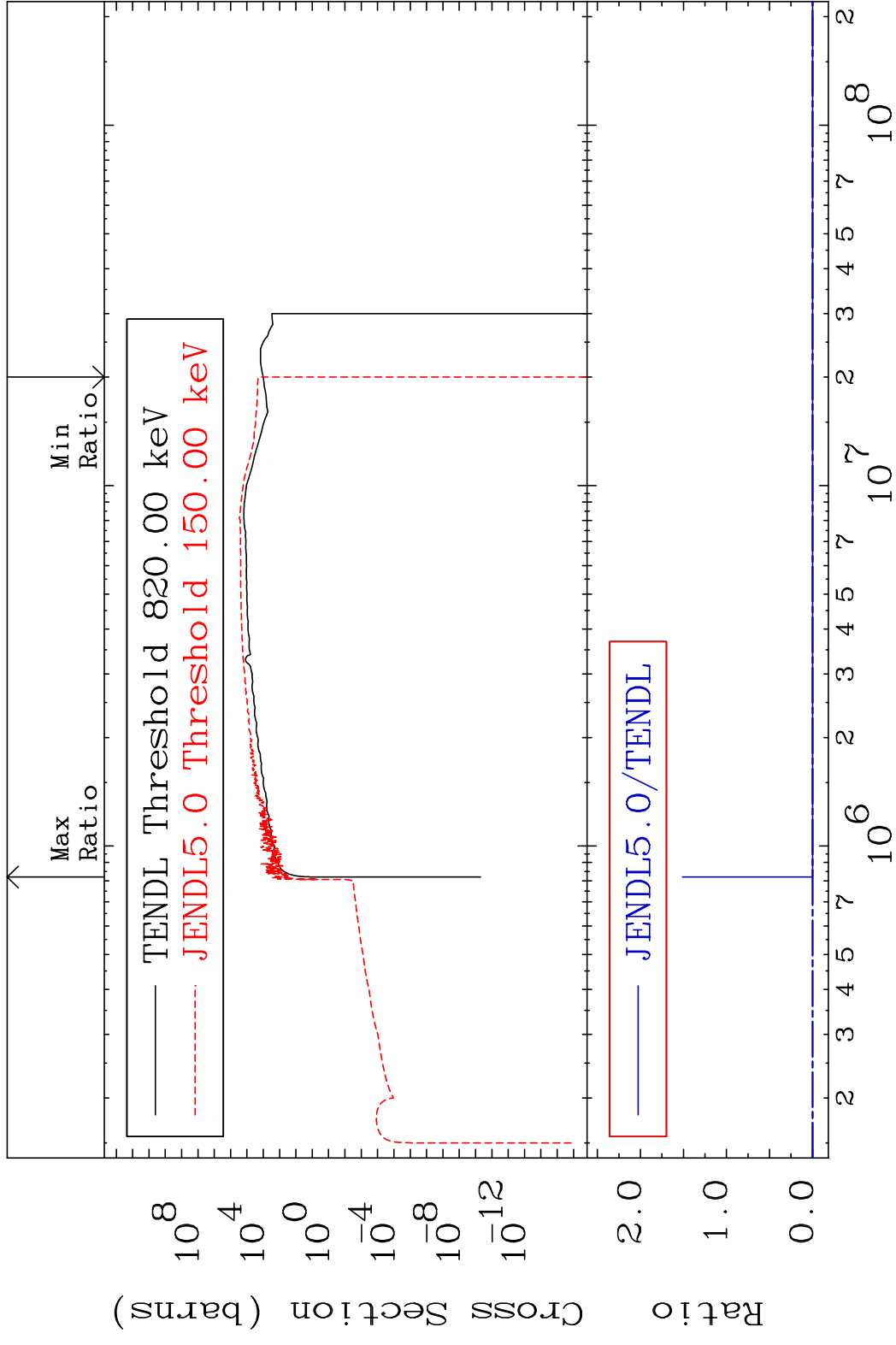
Incident Energy (eV)

82-Pb-206

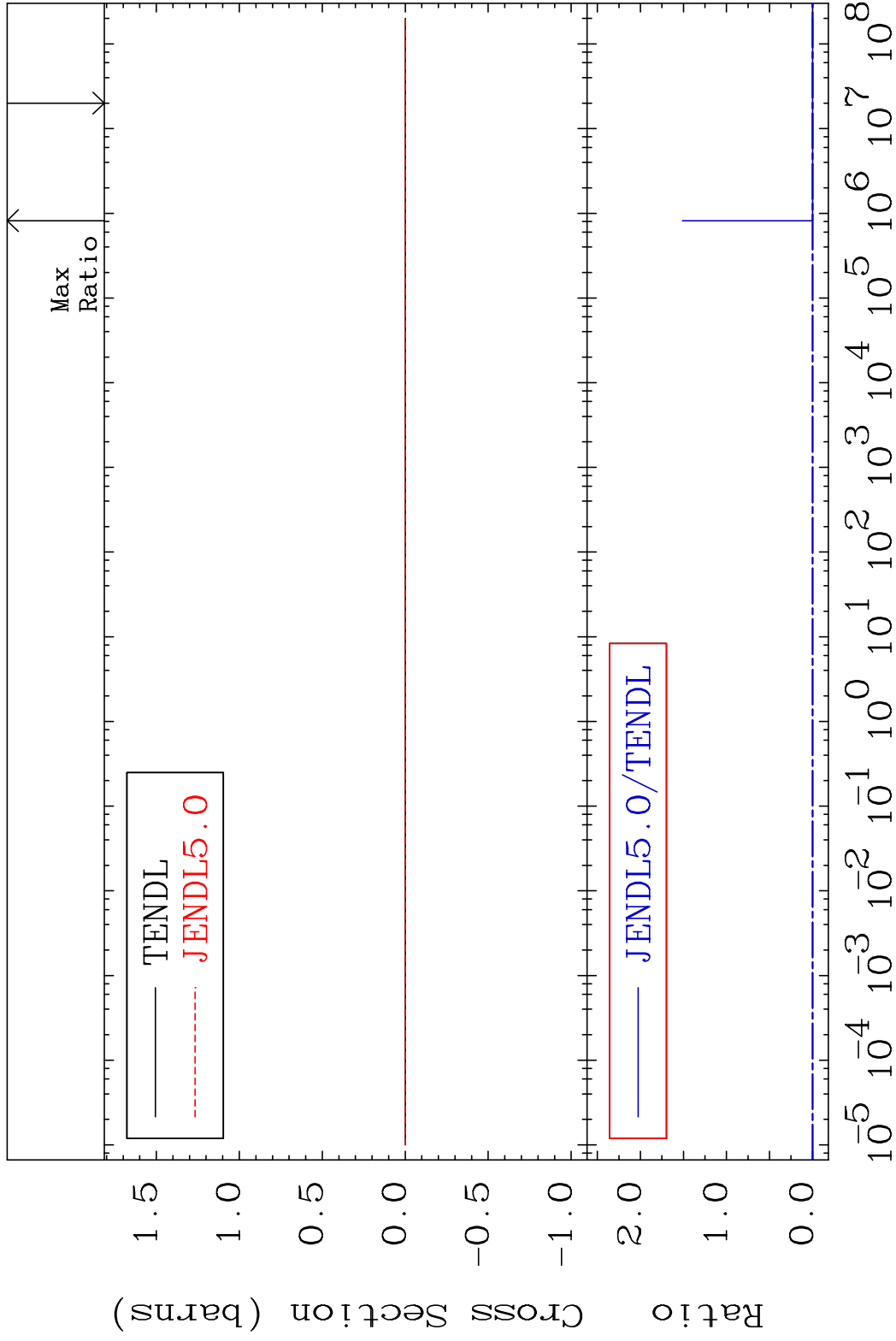
MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206  
 Cross Section -62.92 To 9999. %



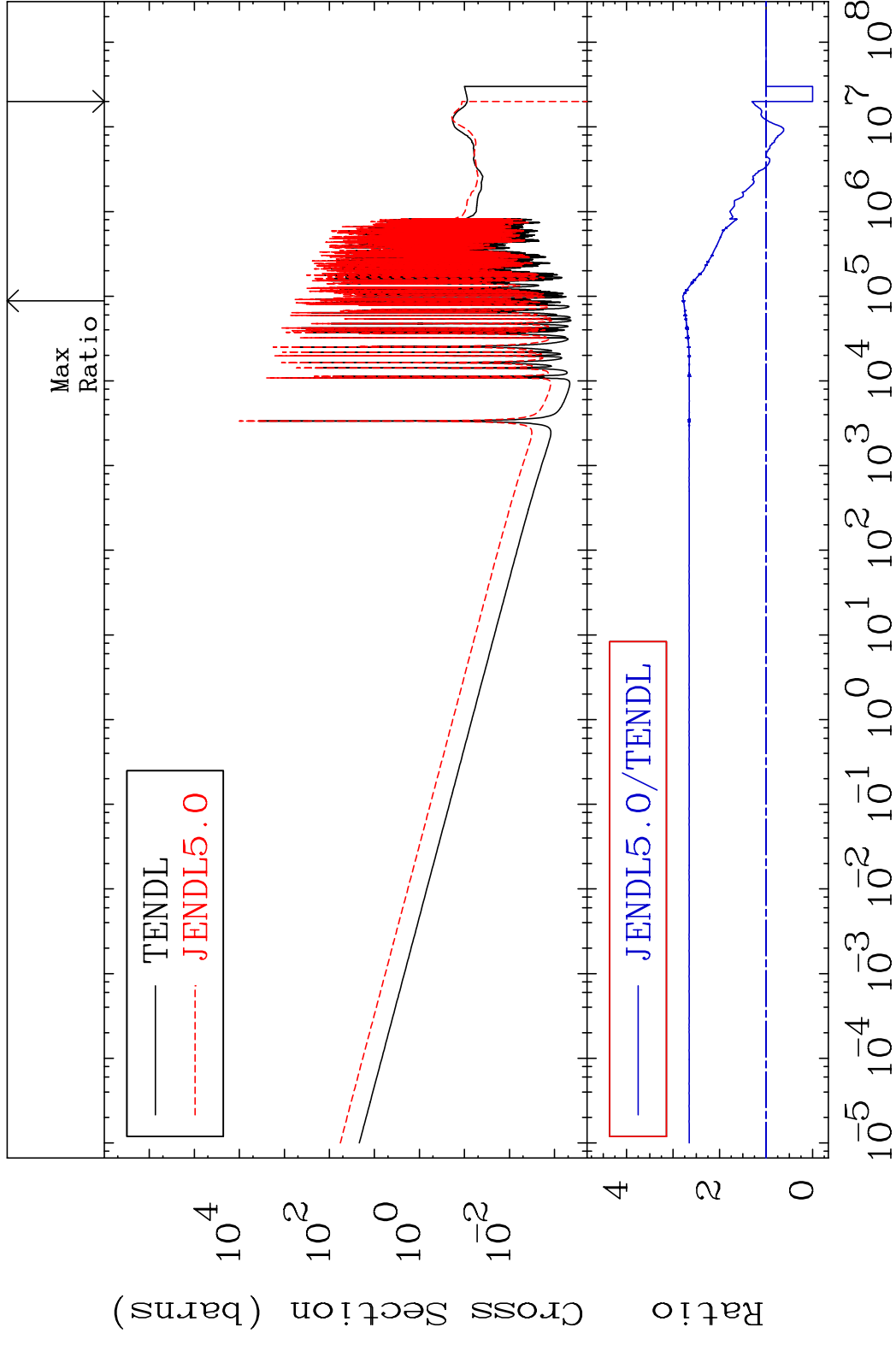
MAT 8231 Kerma inelastic (mt51-91) 82-Pb-206  
 Cross Section -100.0 To 9999. %



MAT 8231 Kerma fission (mt18 or mt19-20-21-38) $\beta$ 2-Pb-206  
 Cross Section -100.0 To 9999. %

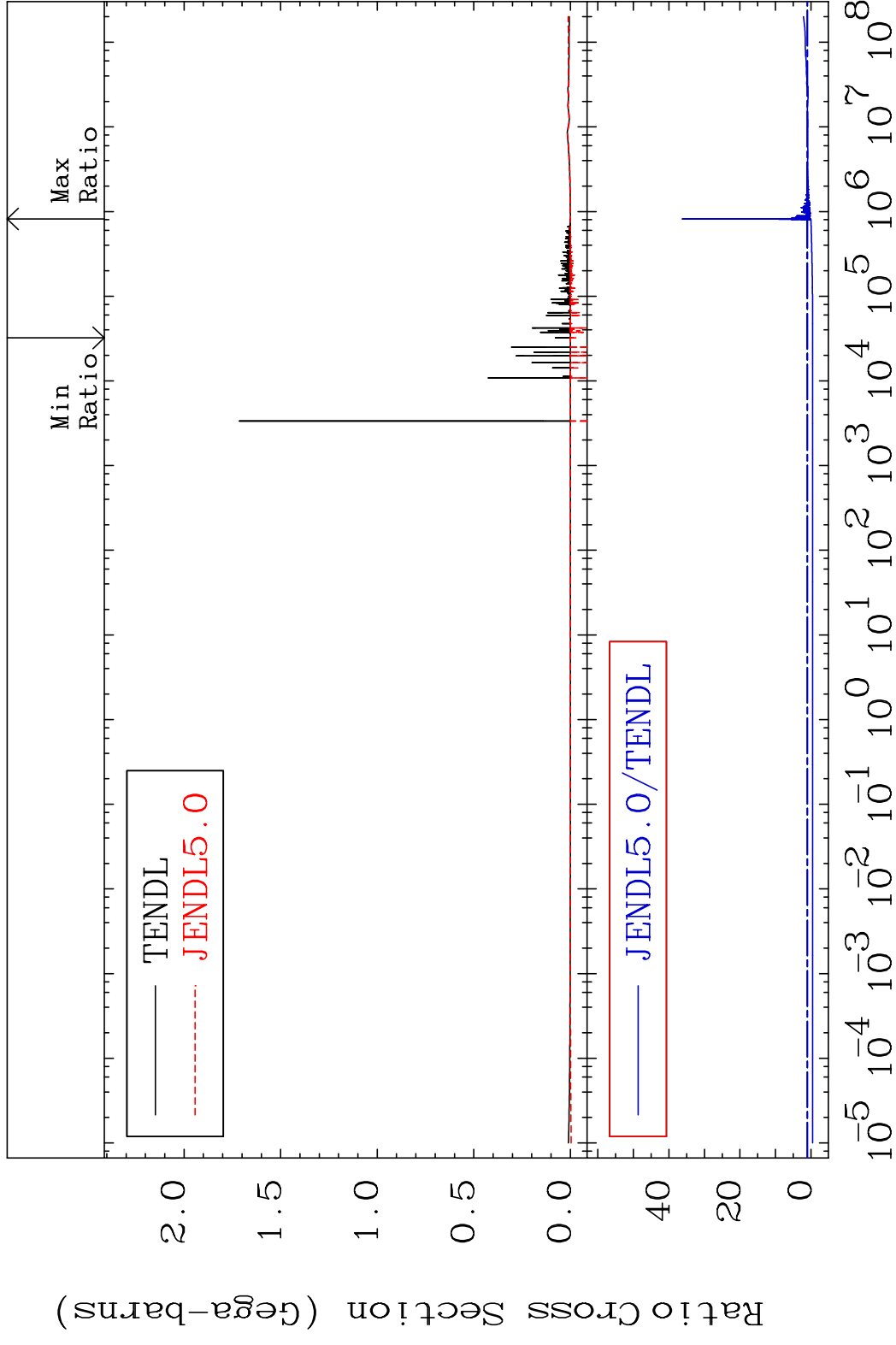


MAT 8231 Kerma capture (mt102) 82-Pb-206  
 Cross Section -100.0 To 179.8 %



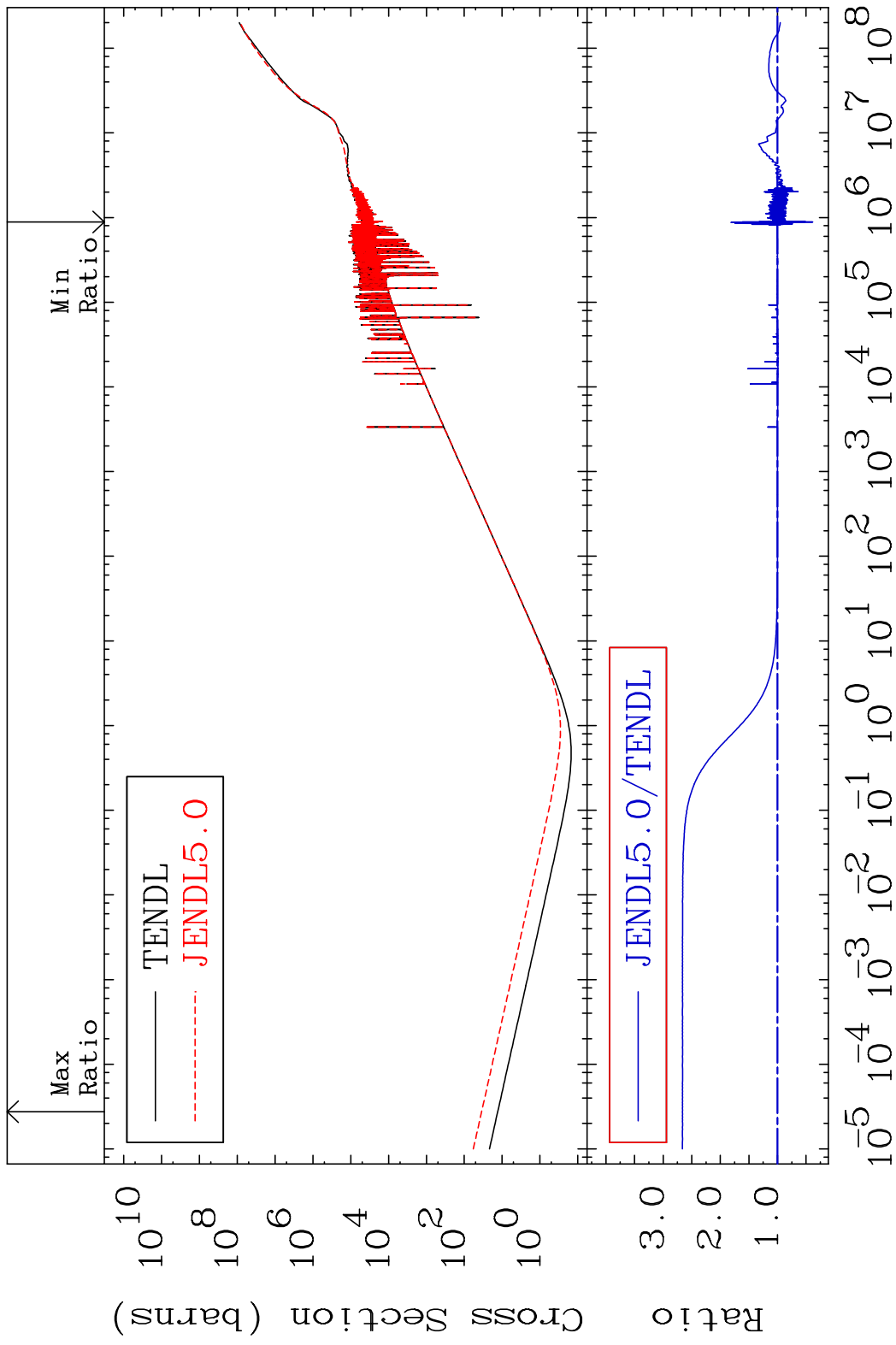
57 Incident Energy (eV) 82-Pb-206

MAT 8231 Total photon (eV-barns) 82-Pb-206  
 Cross Section -143.6 To 3522. %



58 Incident Energy (eV) 82-Pb-206

MAT 8231 Total kinematic kerma (high limit) 82-Pb-206  
Cross Section -61.31 To 166.4 %

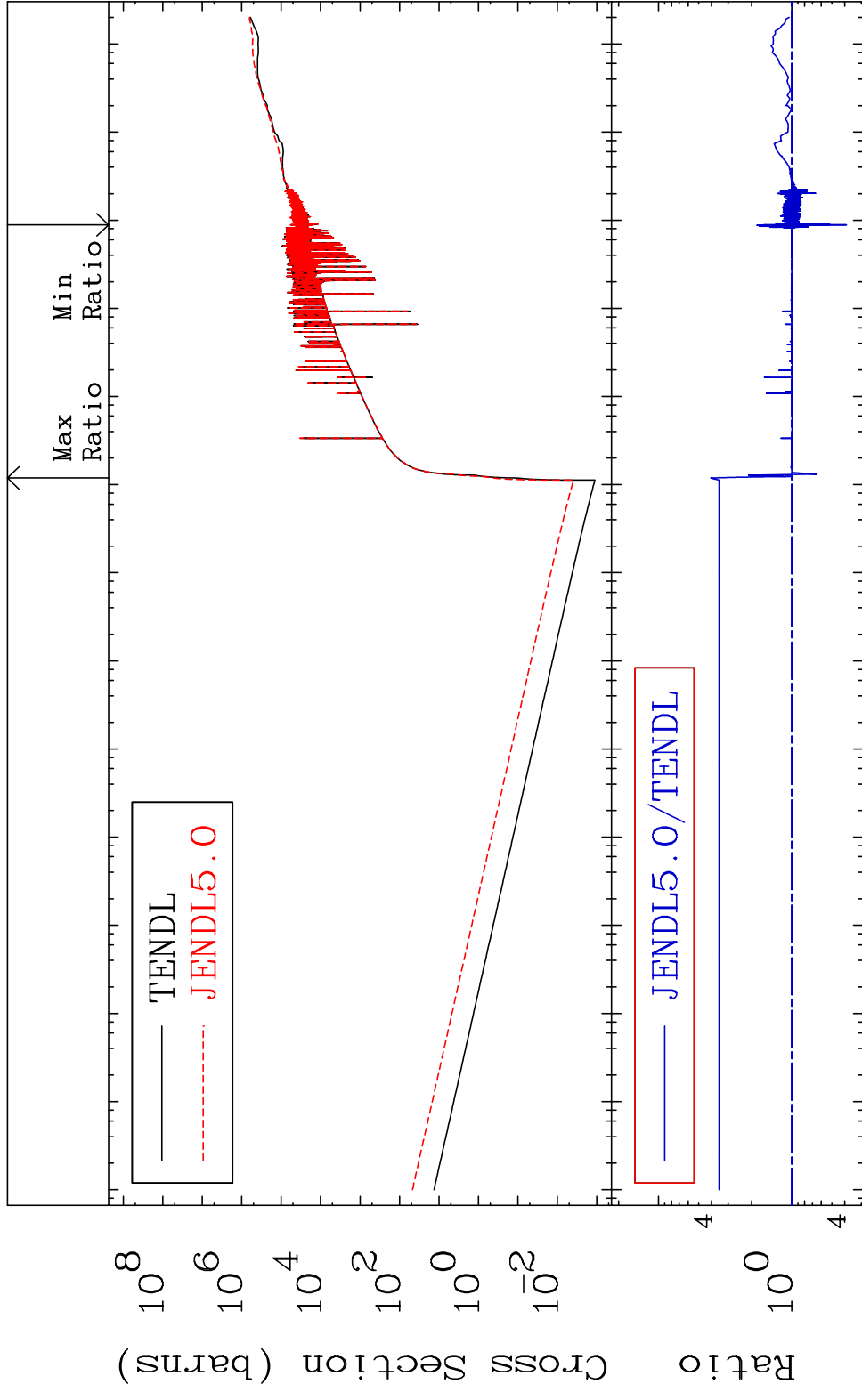


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -61.09 To 306.0 %



60

Incident Energy (eV)

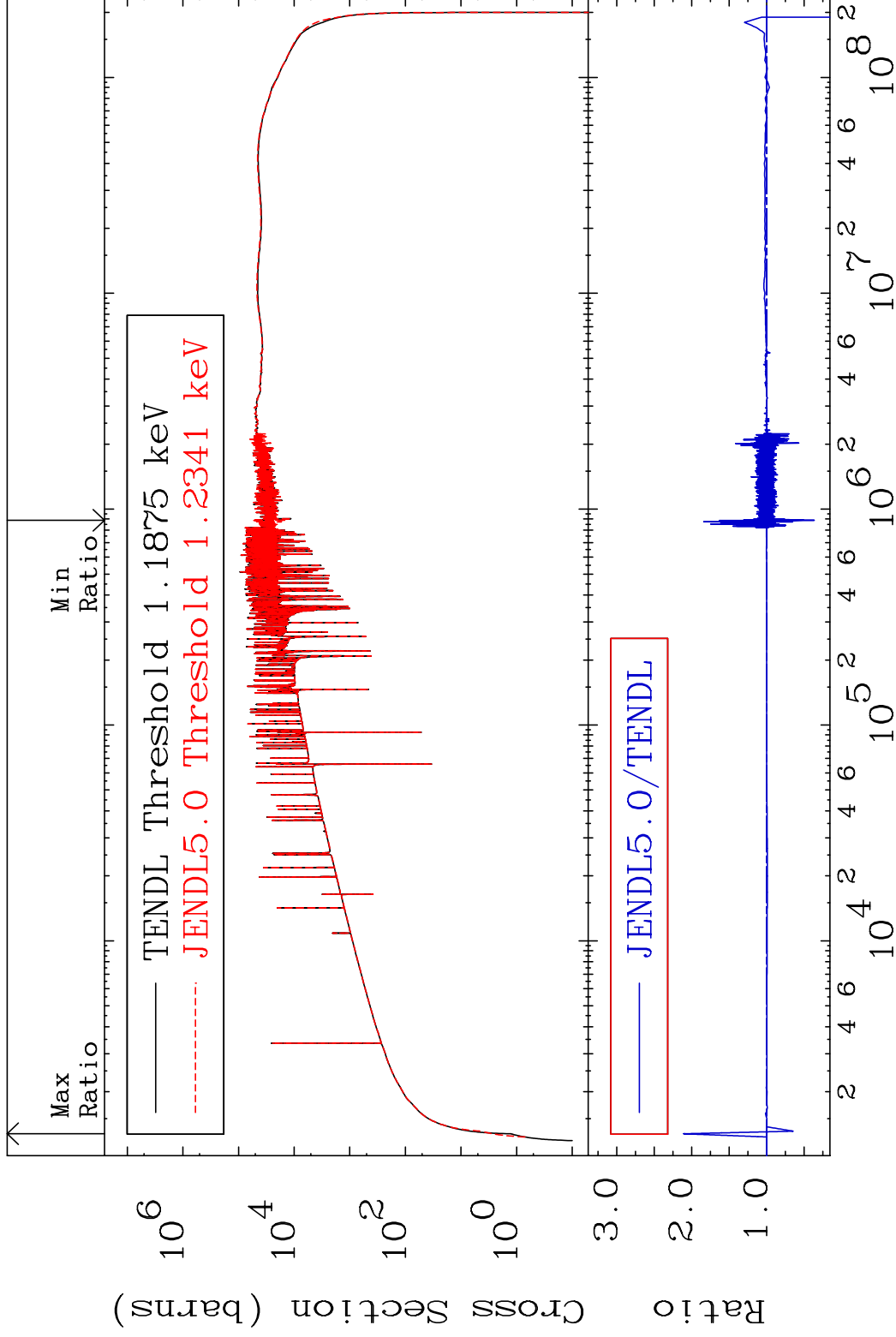
82-Pb-206

MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section -63.27 To 110.8 %



61

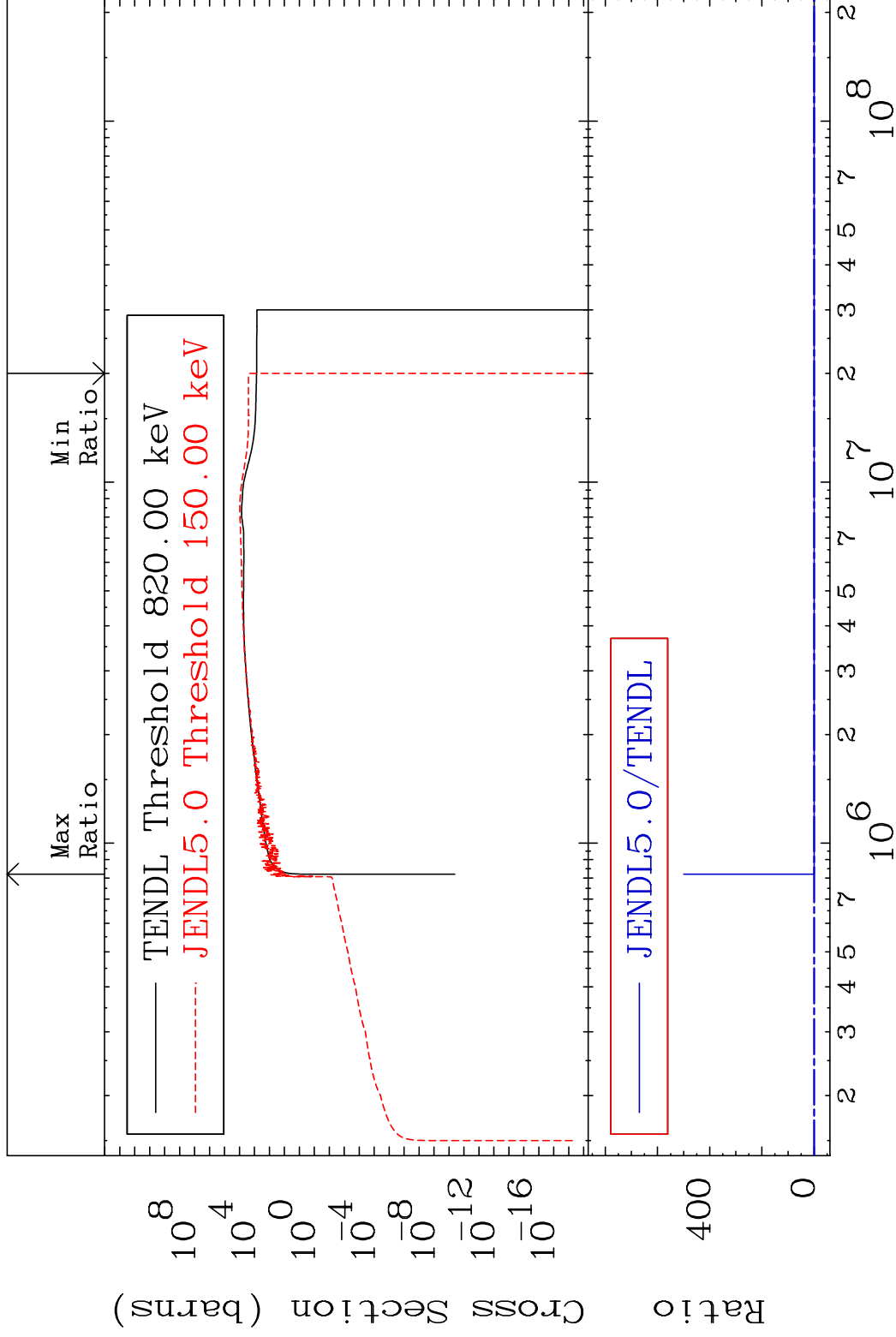
Incident Energy (eV)

82-Pb-206

MAT 8231

Dpa inelastic (mt51-91) 82-Pb-206

Cross Section -100.0 To 9999. %

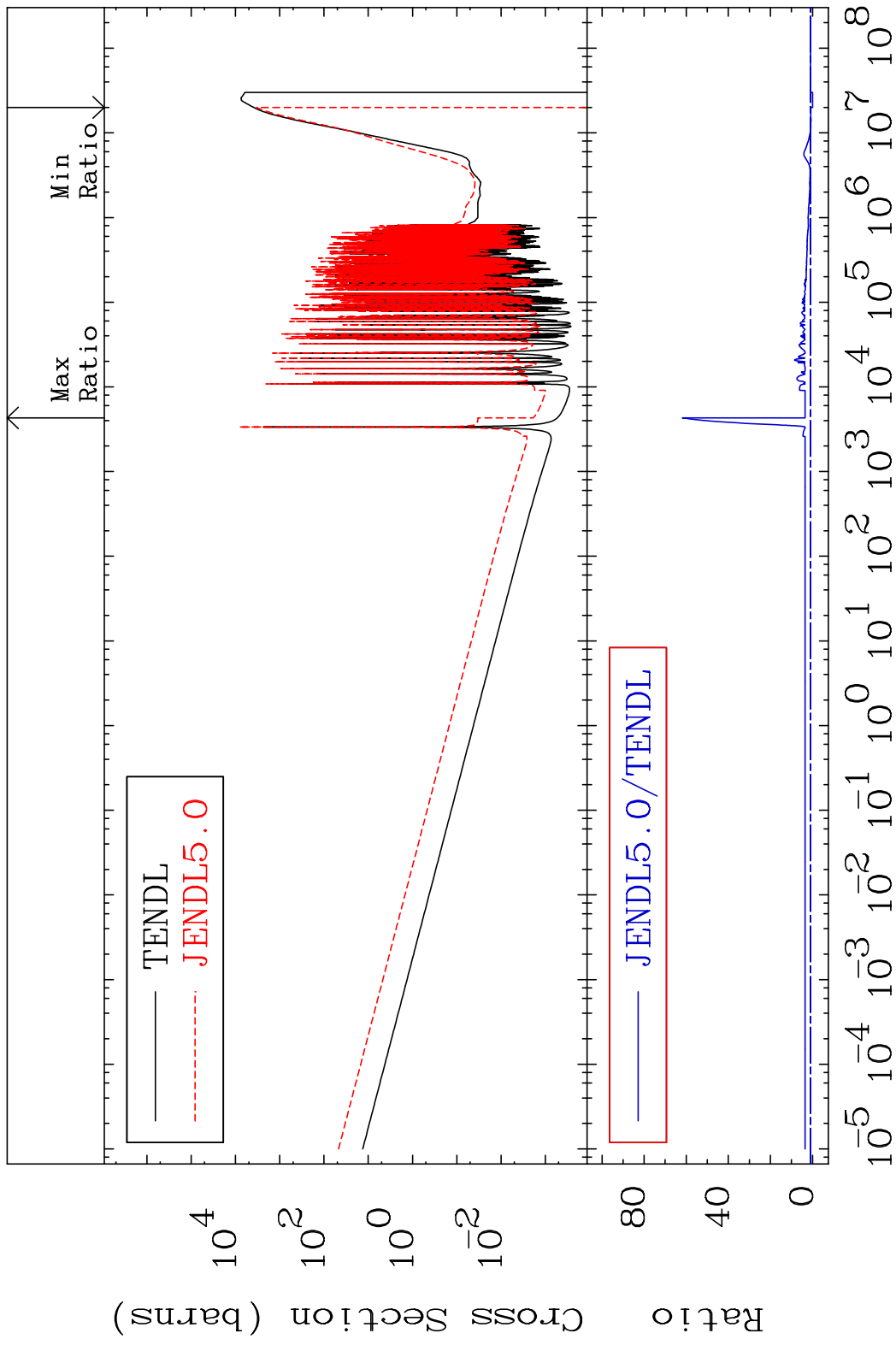


62

Incident Energy (eV)

82-Pb-206

MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206  
 Cross Section -100.0 To 6084. %



63 Incident Energy (eV) 82-Pb-206