

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

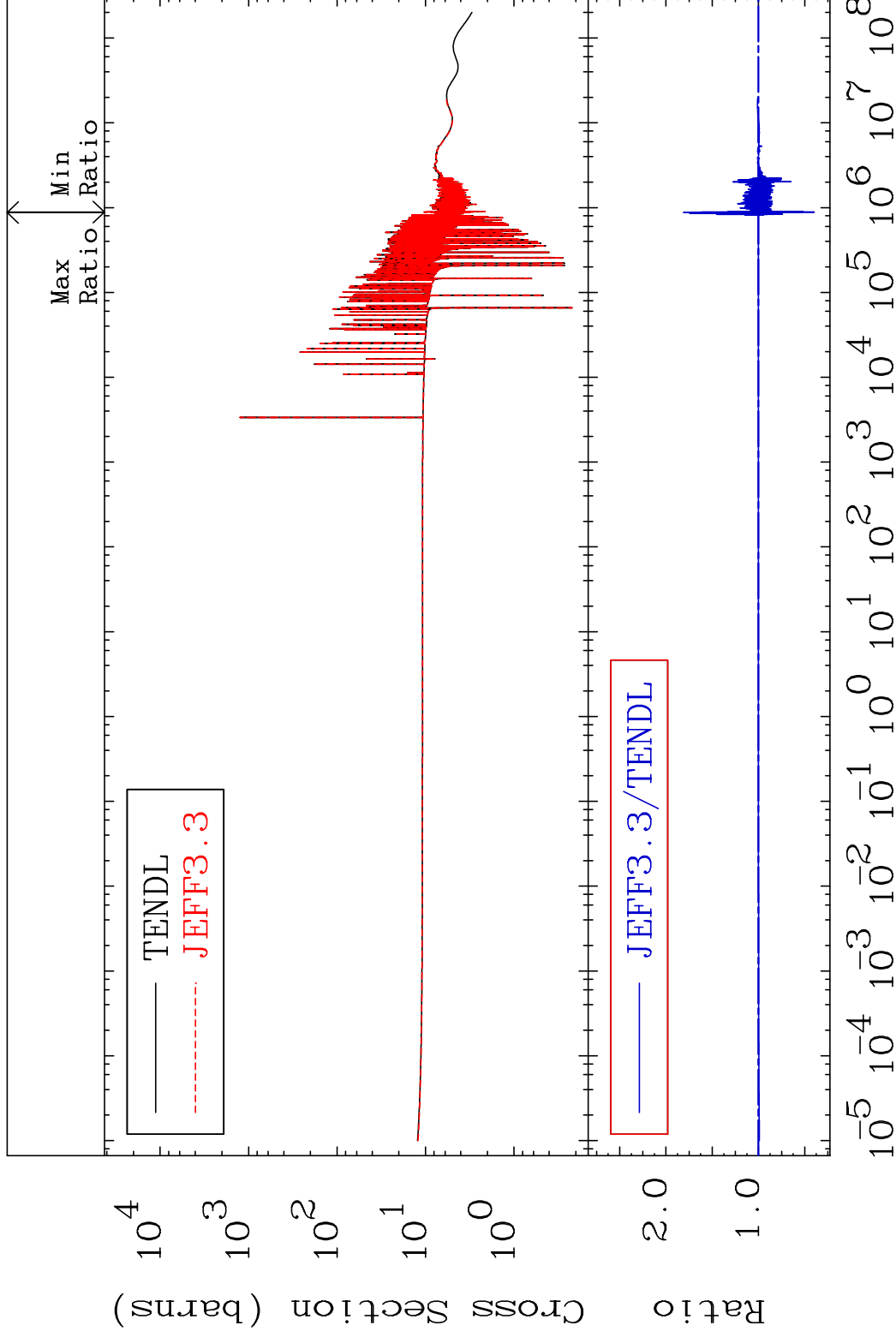
MAT 8231

Total

82-Pb-206

Cross Section

-60.12 To 80.88 %



1

Incident Energy (eV)

82-Pb-206

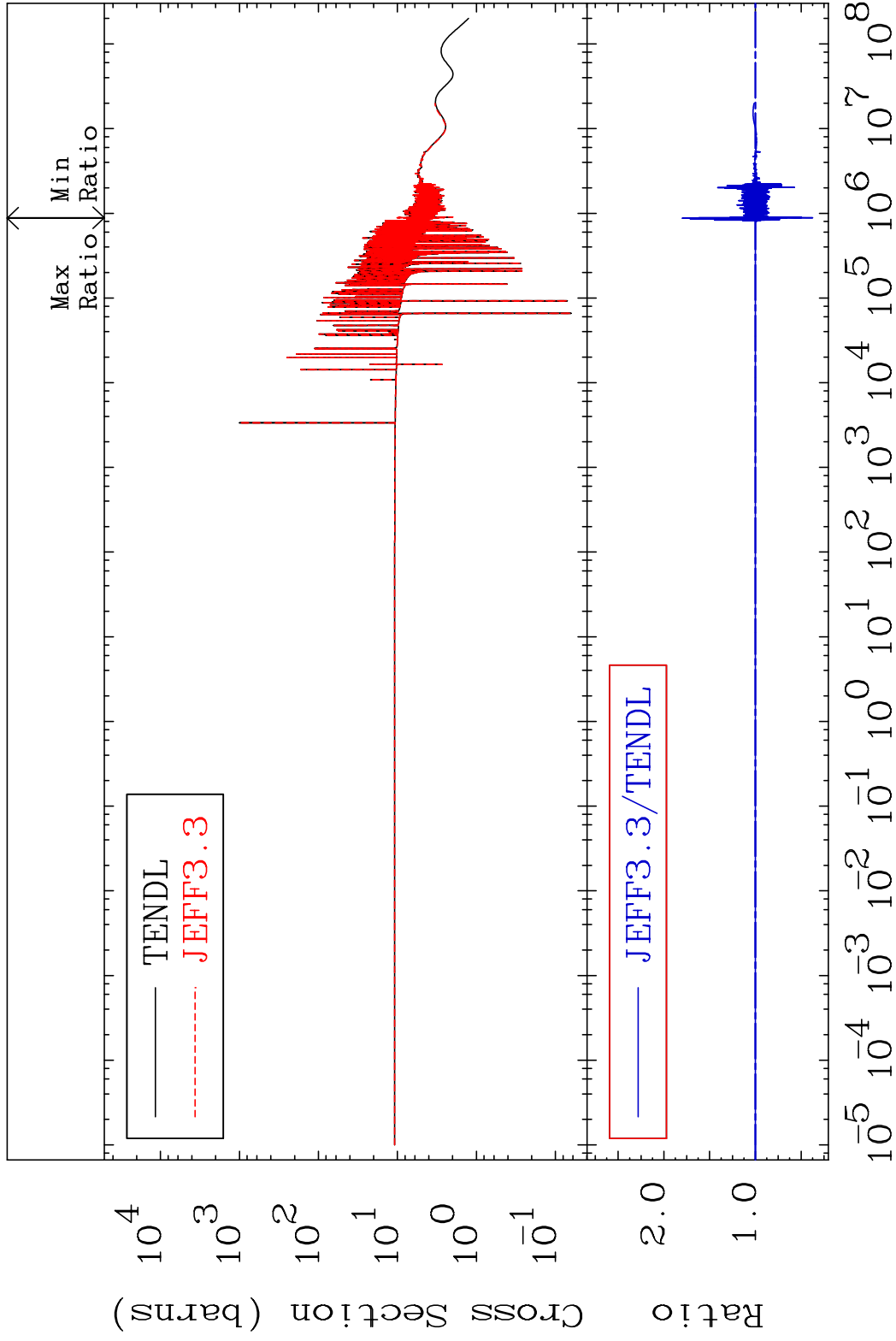
MAT 8231

Elastic

82-Pb-206

Cross Section

-62.53 To 79.83 %



2

Incident Energy (eV)

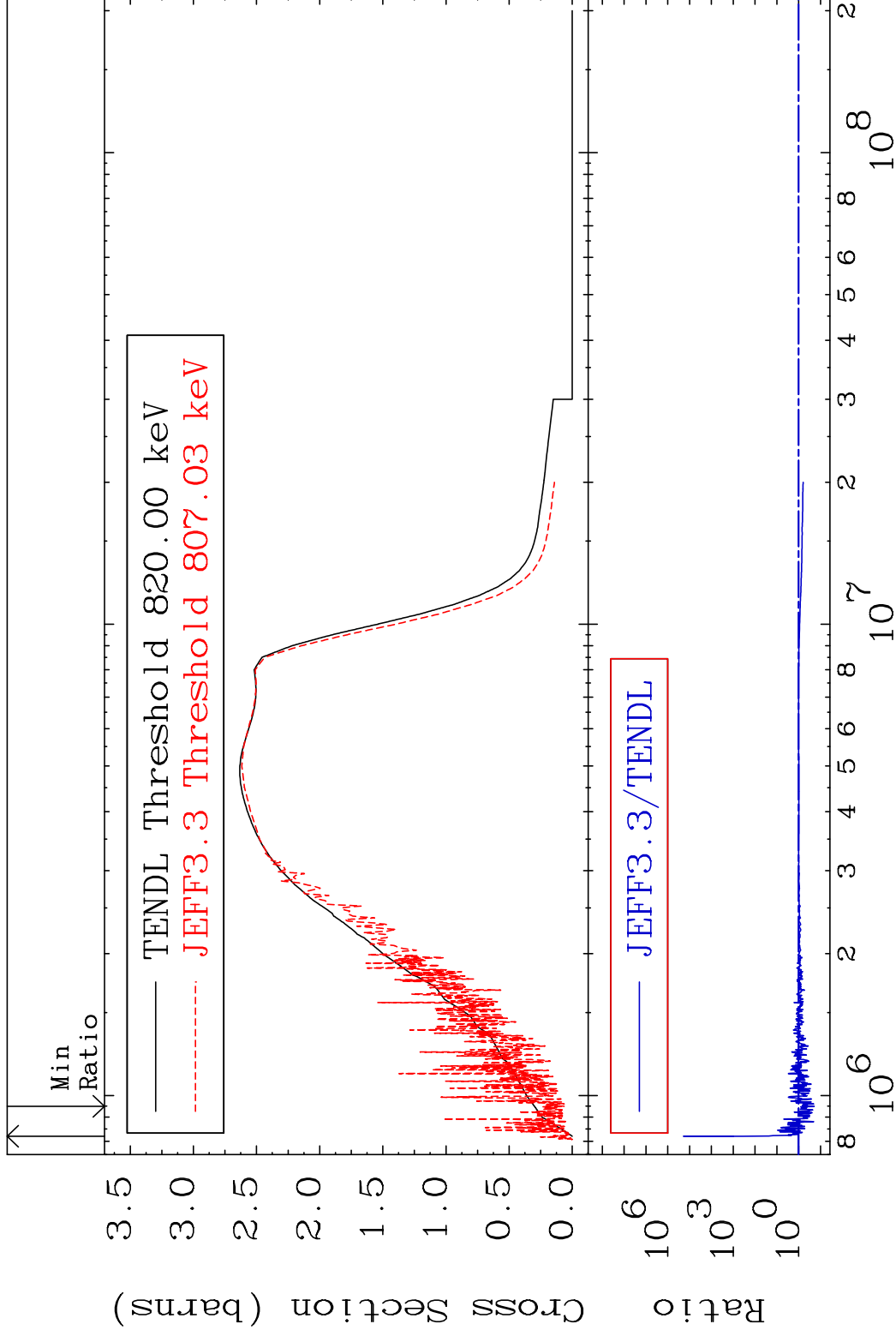
82-Pb-206

MAT 8231

Inelastic

82-Pb-206

Cross Section -80.34 To 9999. %



3

Incident Energy (eV)

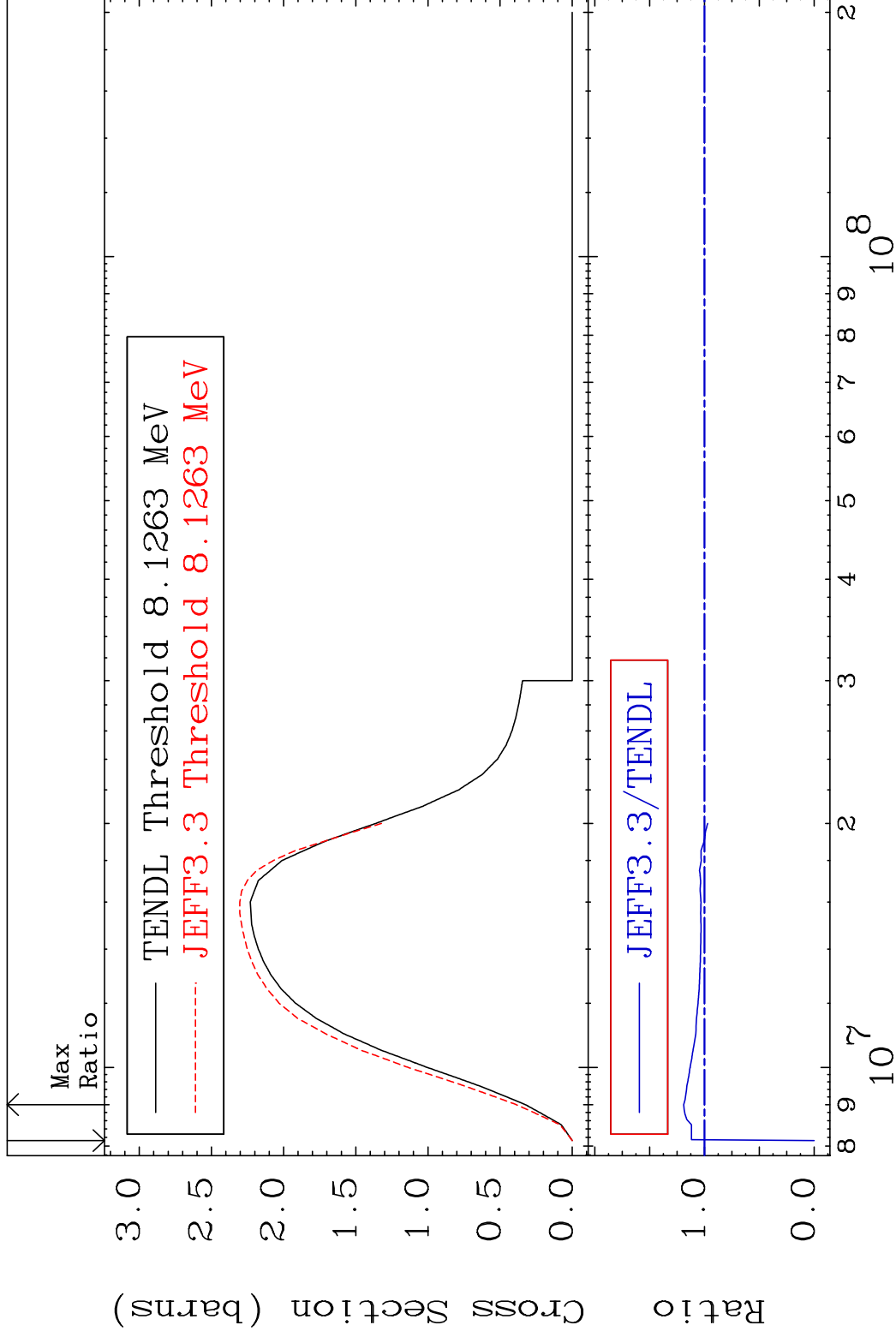
82-Pb-206

MAT 8231

(n,2n)

82-Pb-206

Cross Section -100.0 To 19.00 %



4

Incident Energy (eV)

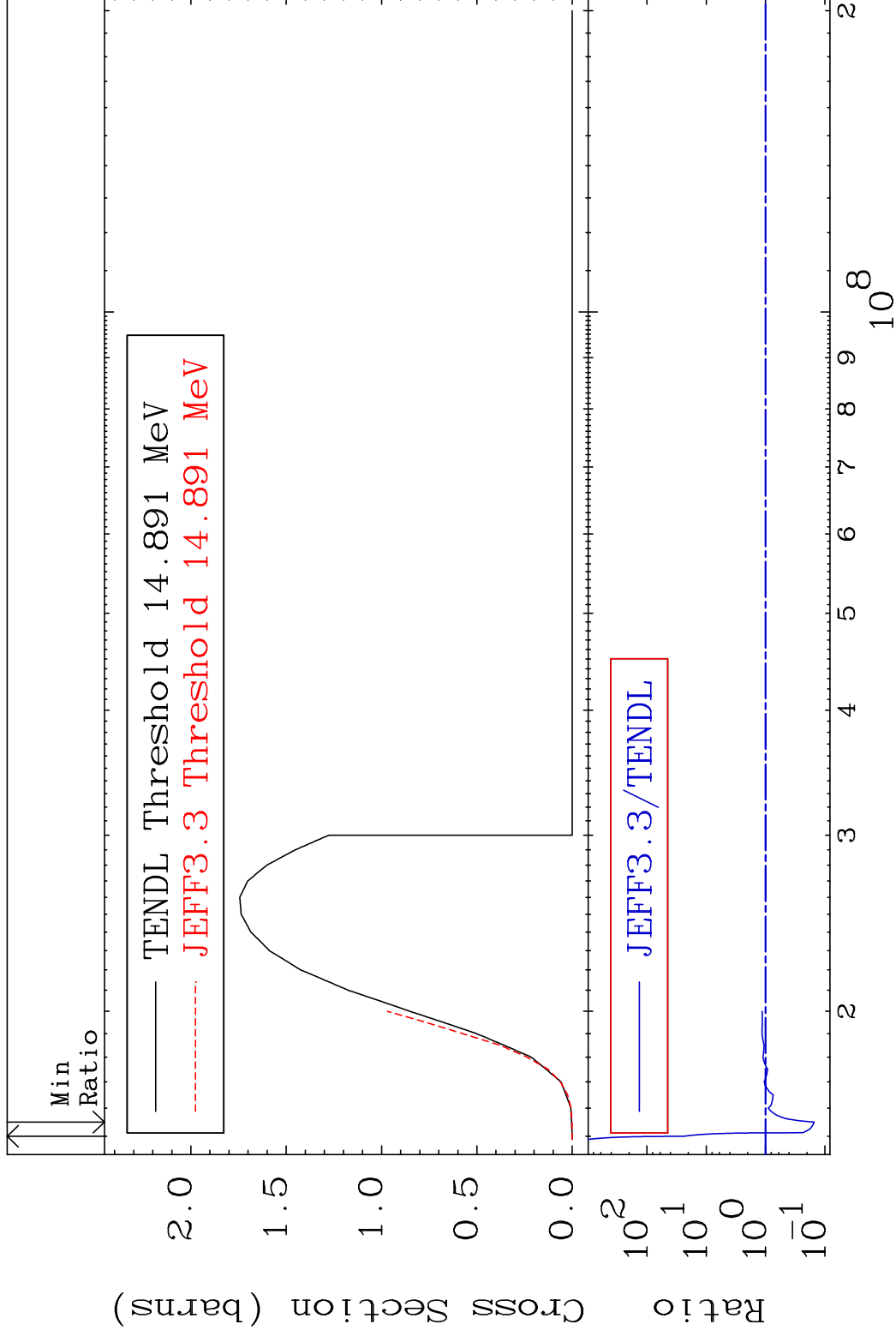
82-Pb-206

MAT 8231

(n,3n)

82-Pb-206

Cross Section -84.84 To 2300. %



5

Incident Energy (eV)

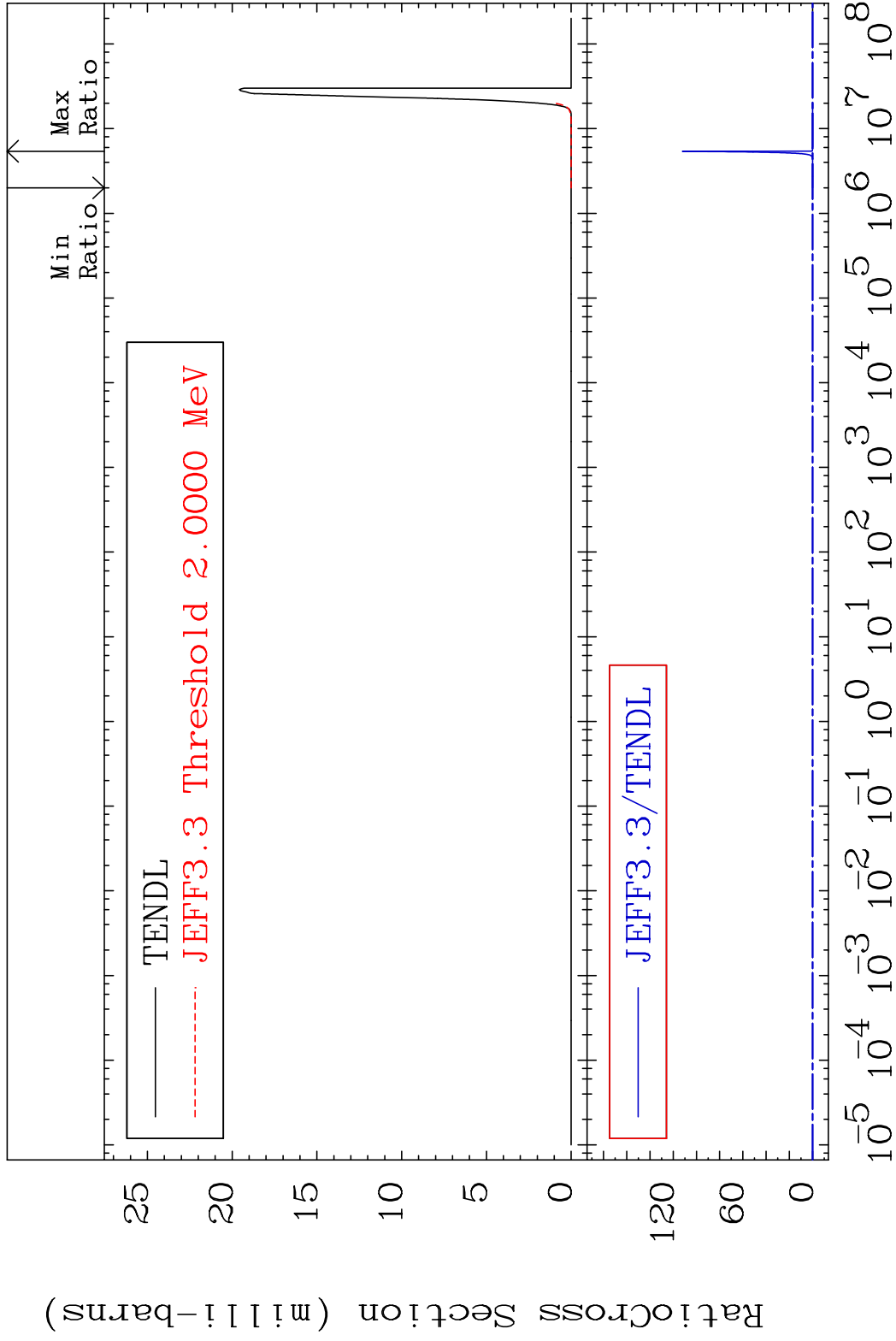
82-Pb-206

MAT 8231

(n, n')  $\alpha$

82-Pb-206

Cross Section -100.0 To 9999. %



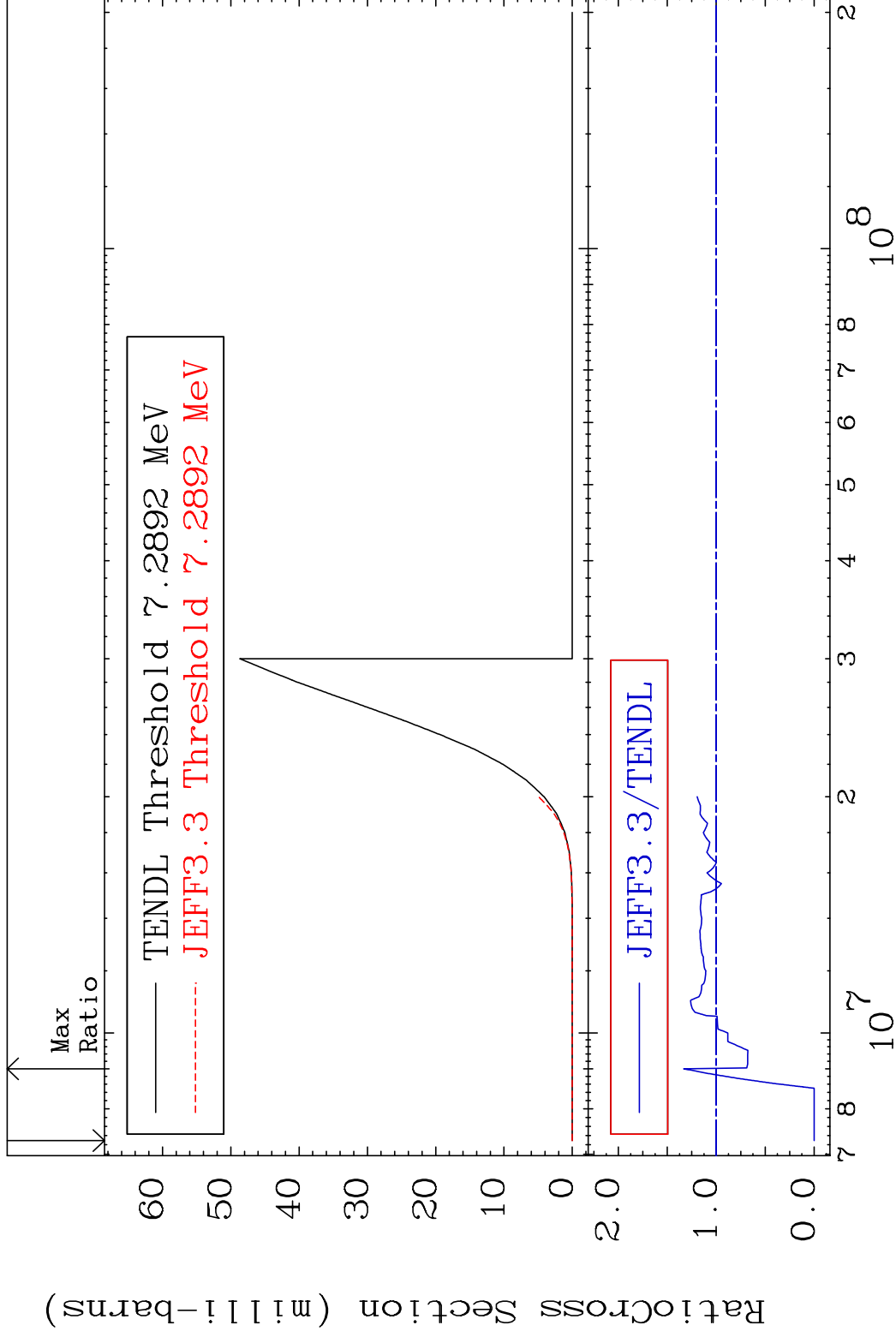
6

Incident Energy (eV)

82-Pb-206

MAT 8231

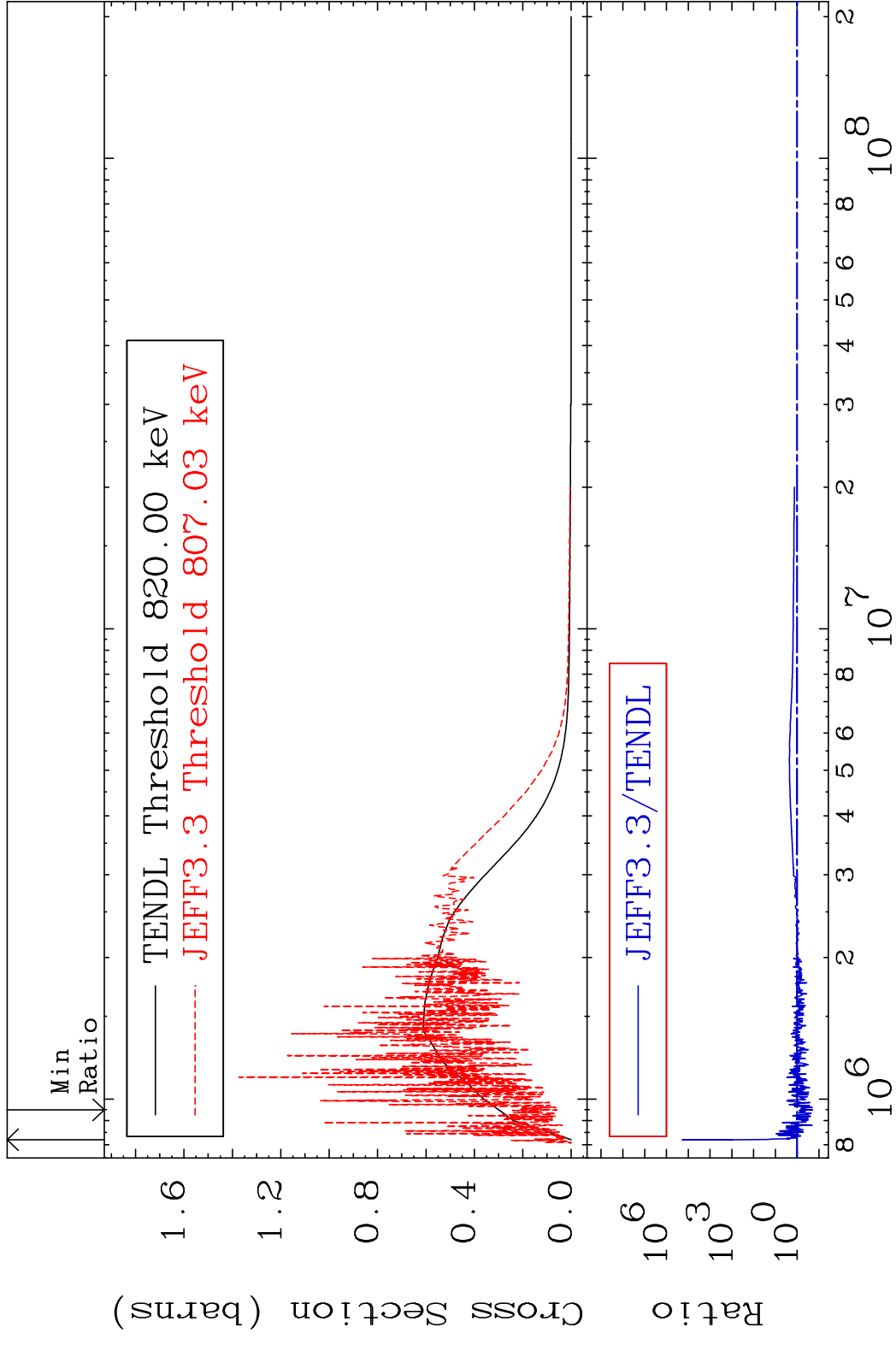
(n, n') p 82-Pb-206  
Cross Section -100.0 To 33.29 %



7 Incident Energy (eV) 82-Pb-206

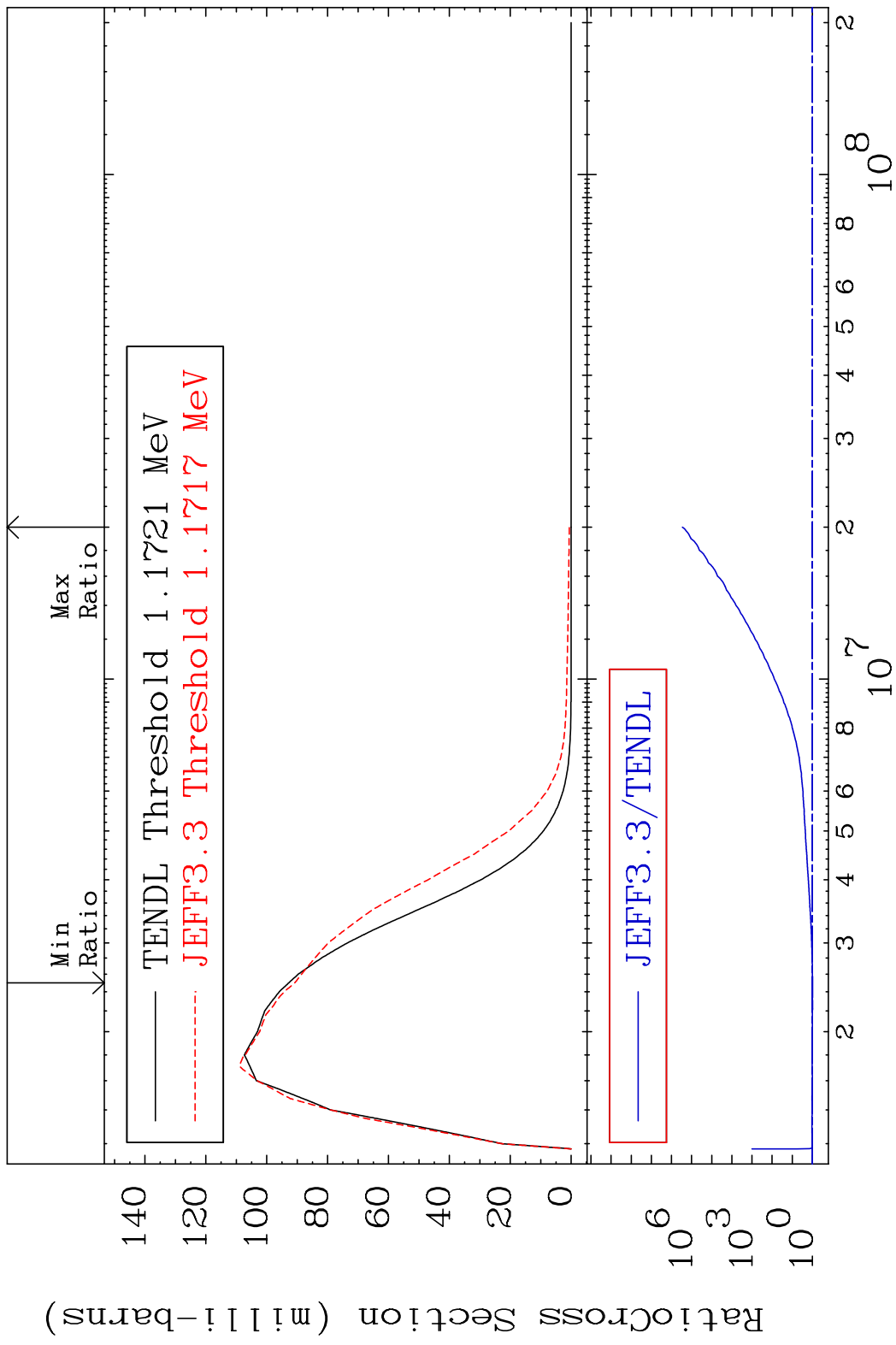


MAT 8231 MT= 51 (n,n') Level 82-Pb-206  
 Cross Section -80.35 To 9999. %

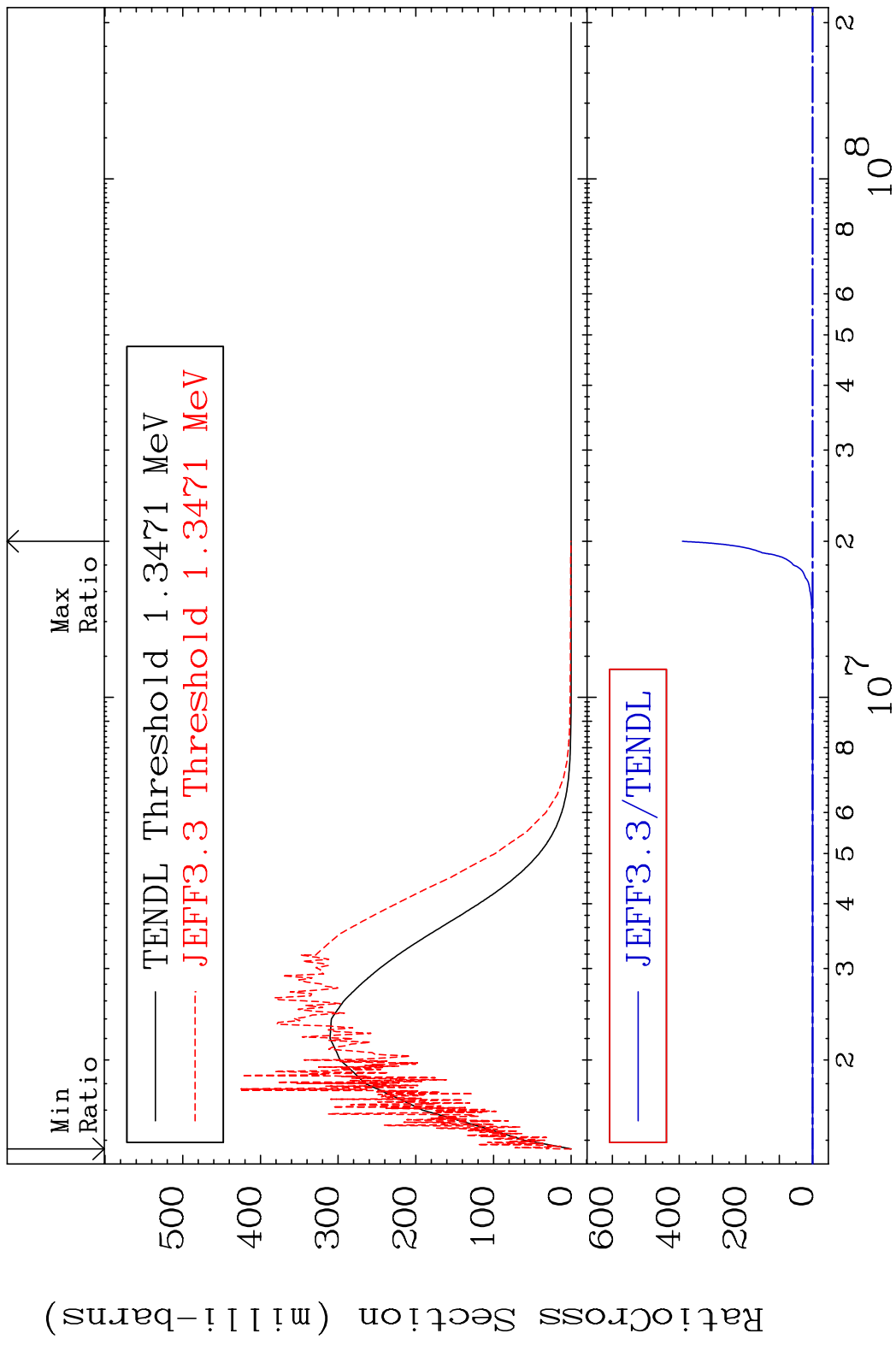


8 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 52 (n,n') Level 82-Pb-206  
 Cross Section -2.144 To 9999. %

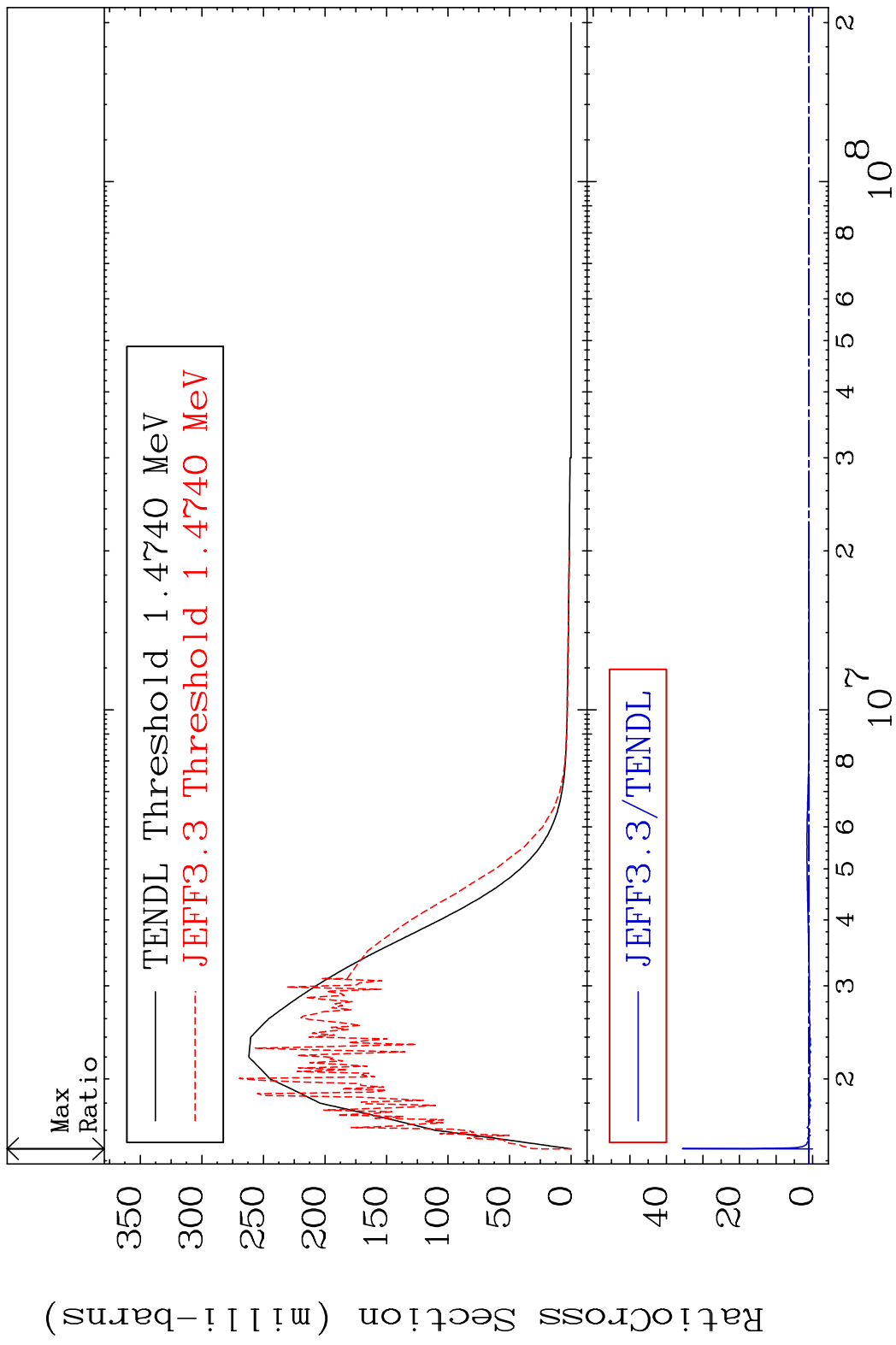


MAT 8231 MT= 53 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 9999. %

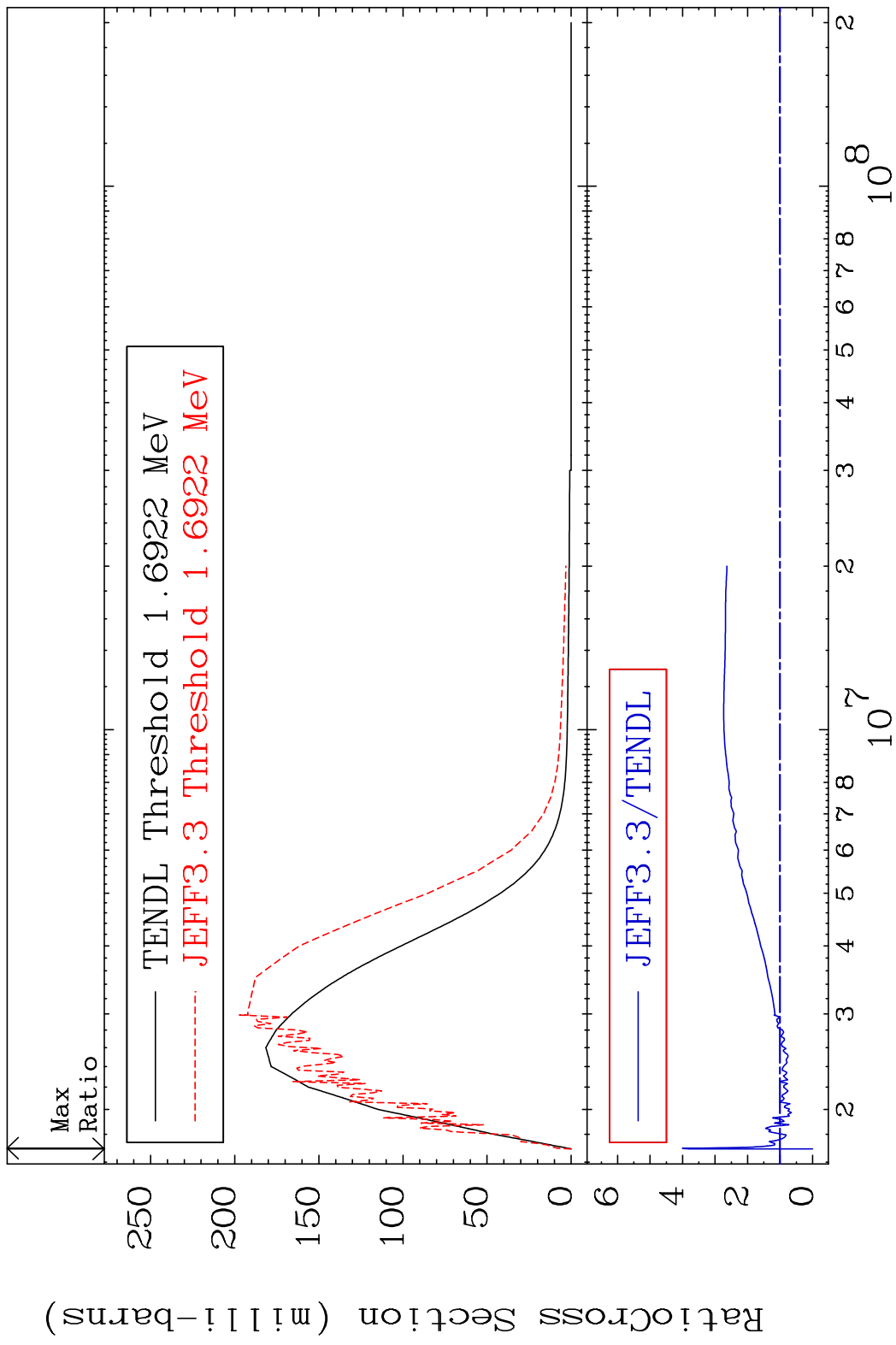


10 Incident Energy (eV) 82-Pb-206

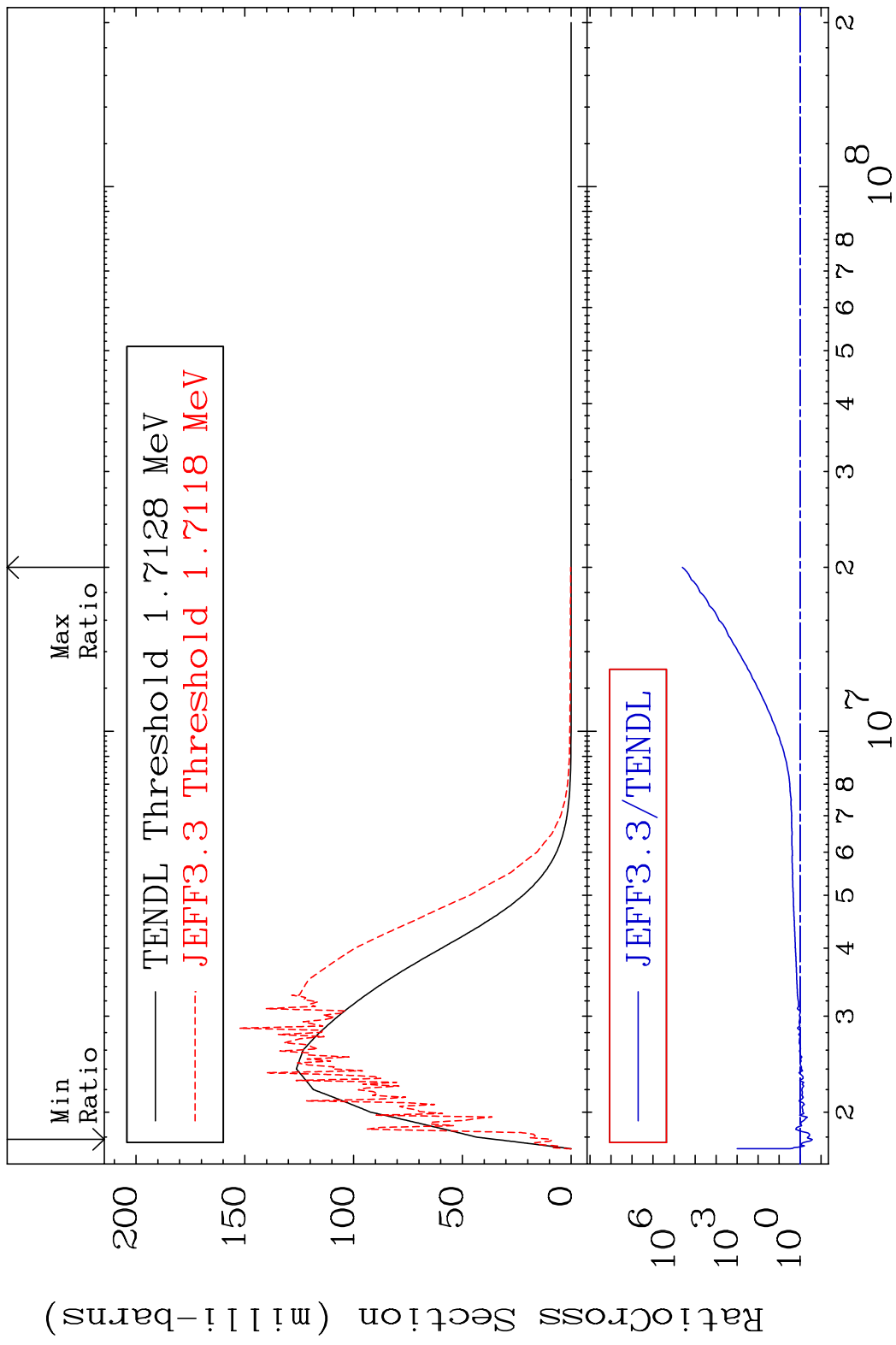
MAT 8231 MT= 54 (n,n') Level 82-Pb-206  
 Cross Section -100.0 To 3463. %



MAT 8231 MT= 55 (n,n') Level 82-Pb-206  
 Cross Section -100.0 To 300.7 %

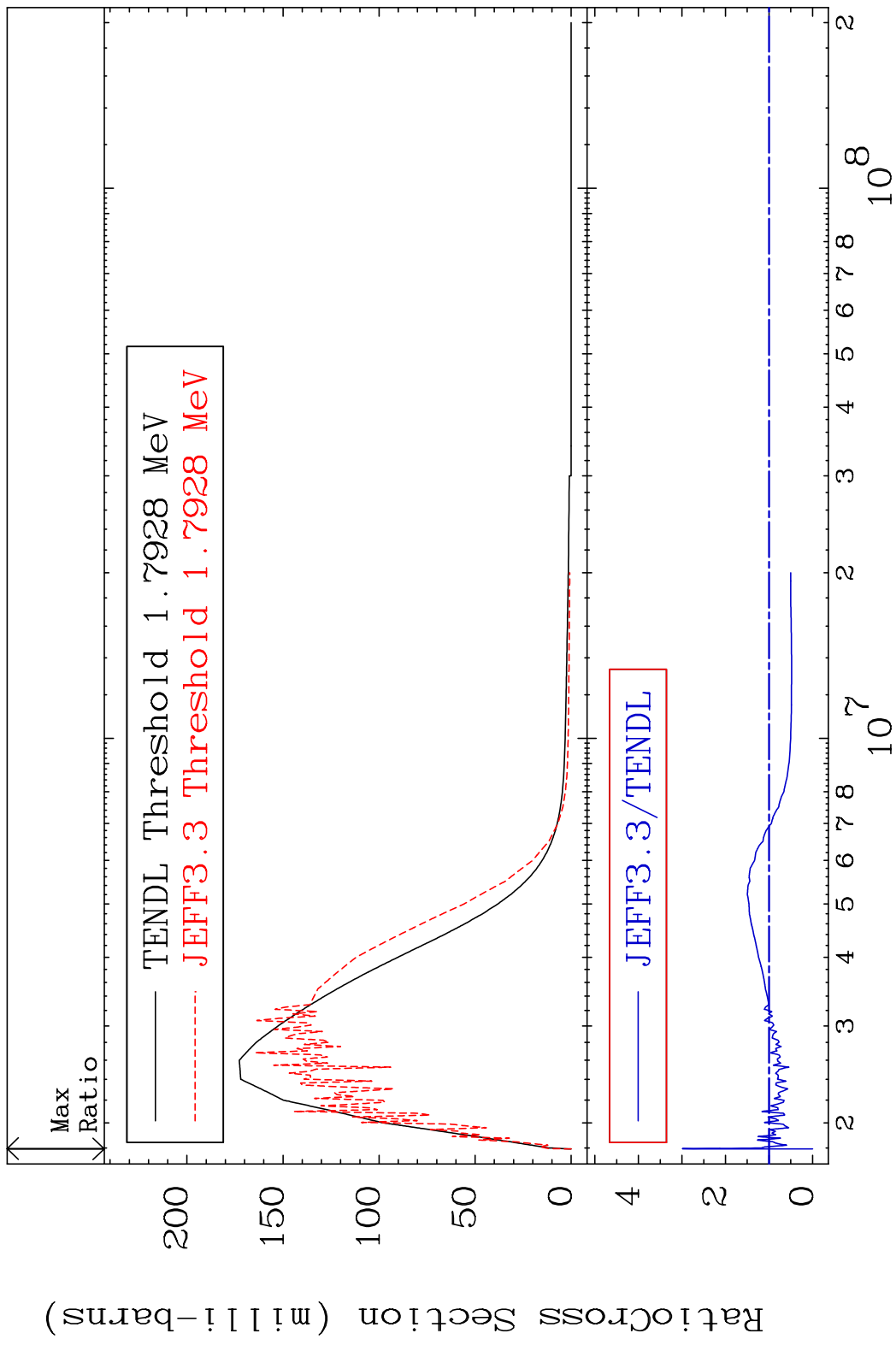


MAT 8231 MT= 56 (n, n') Level 82-Pb-206  
 Cross Section -74.60 To 9999. %



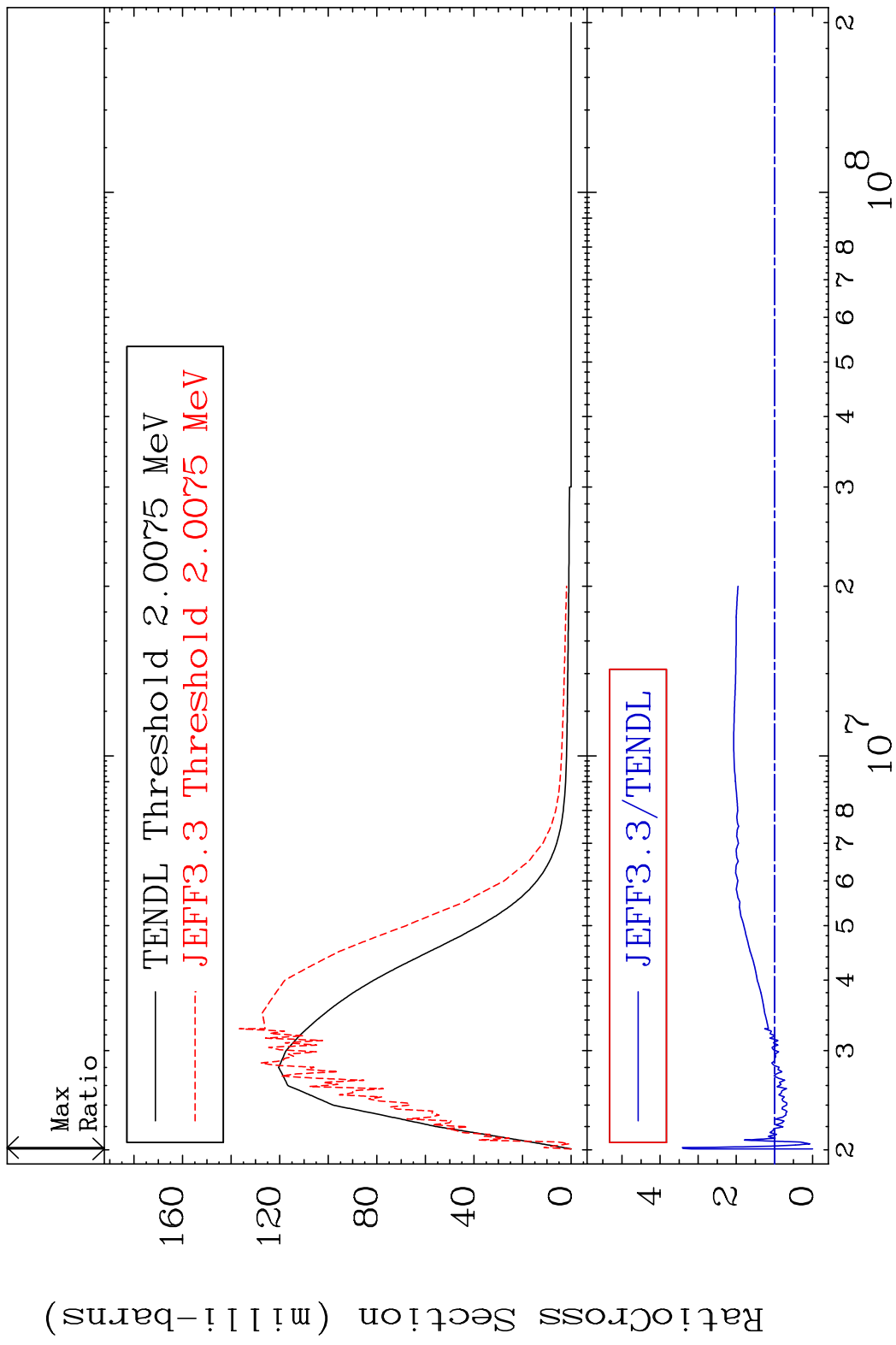
13 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 57 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 199.1 %



14 Incident Energy (eV) 82-Pb-206

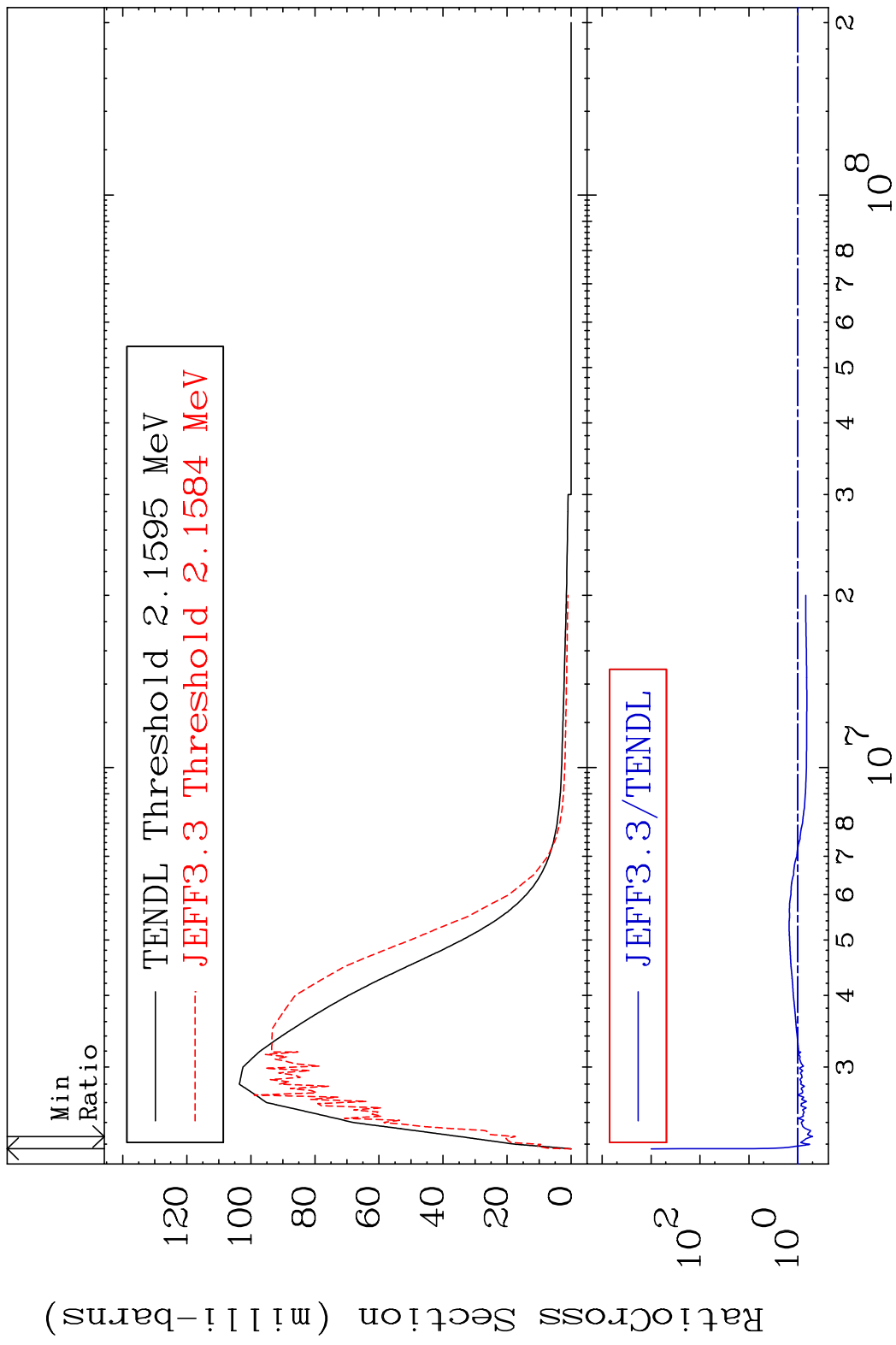
MAT 8231 MT= 58 (n,n') Level 82-Pb-206  
 Cross Section -100.0 To 241.5 %



15 Incident Energy (eV) 82-Pb-206

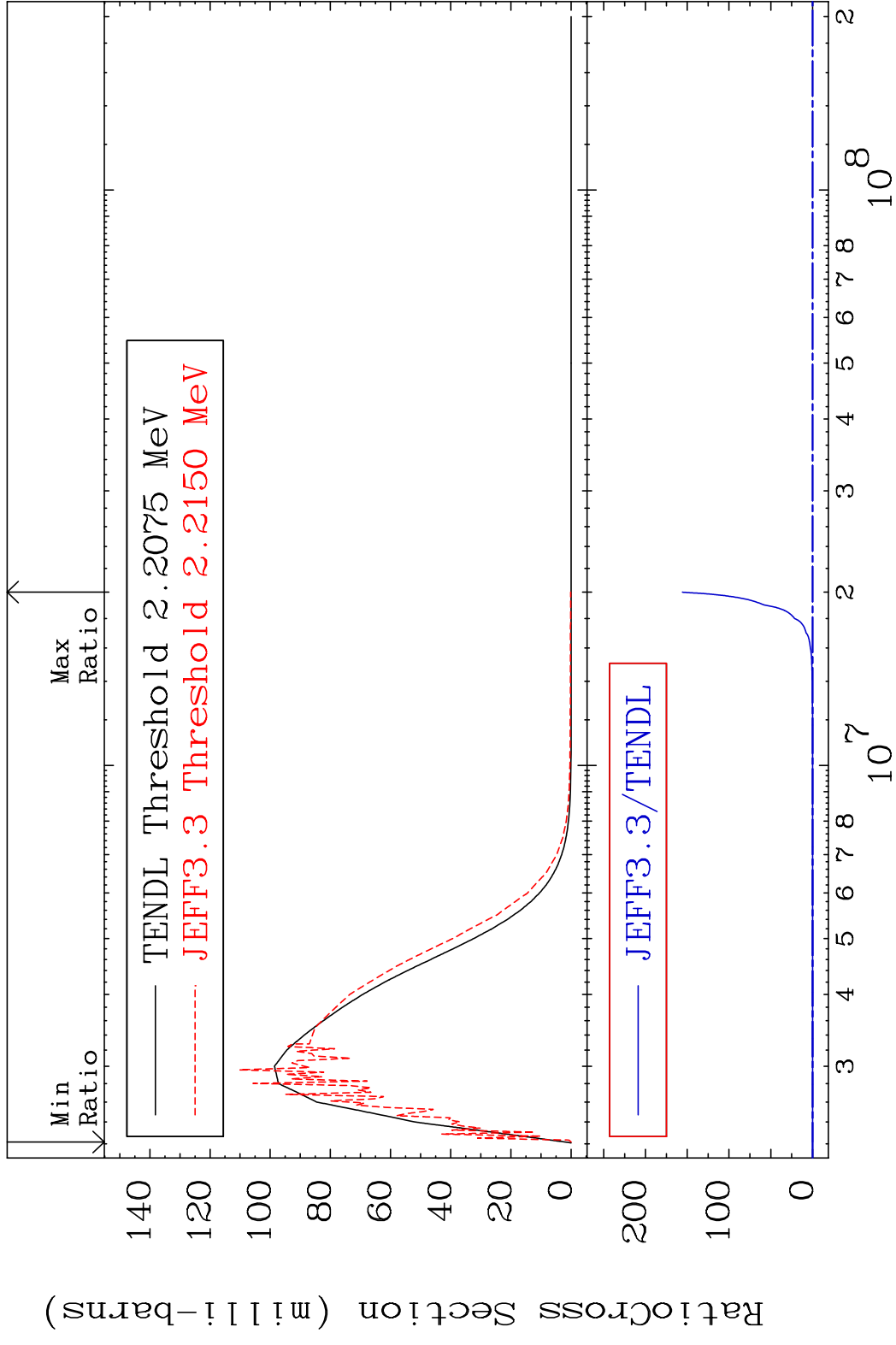


MAT 8231 MT= 59 (n, n') Level 82-Pb-206  
 Cross Section -49.92 To 9999. %

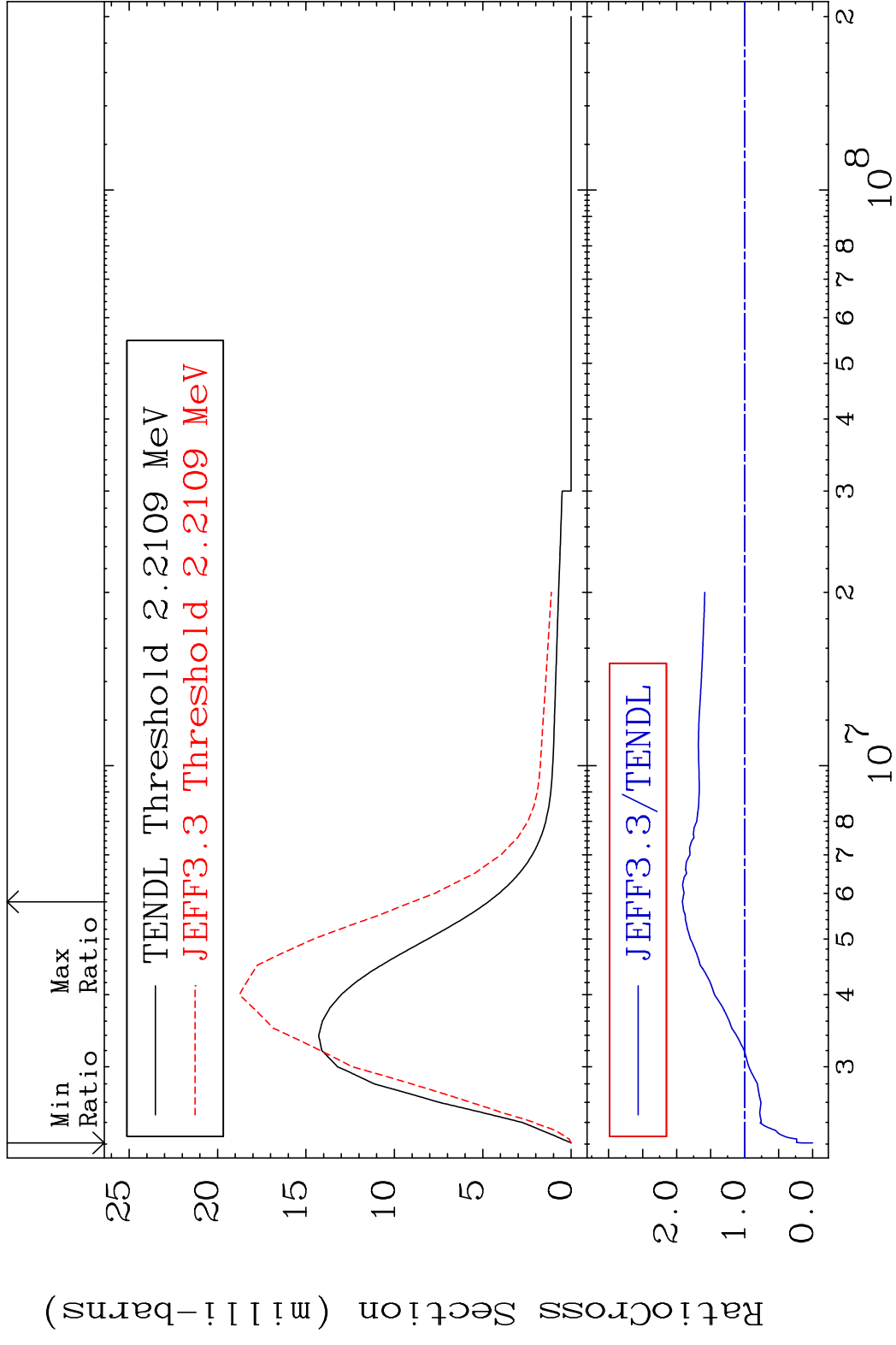


16 Incident Energy (eV) 82-Pb-206

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

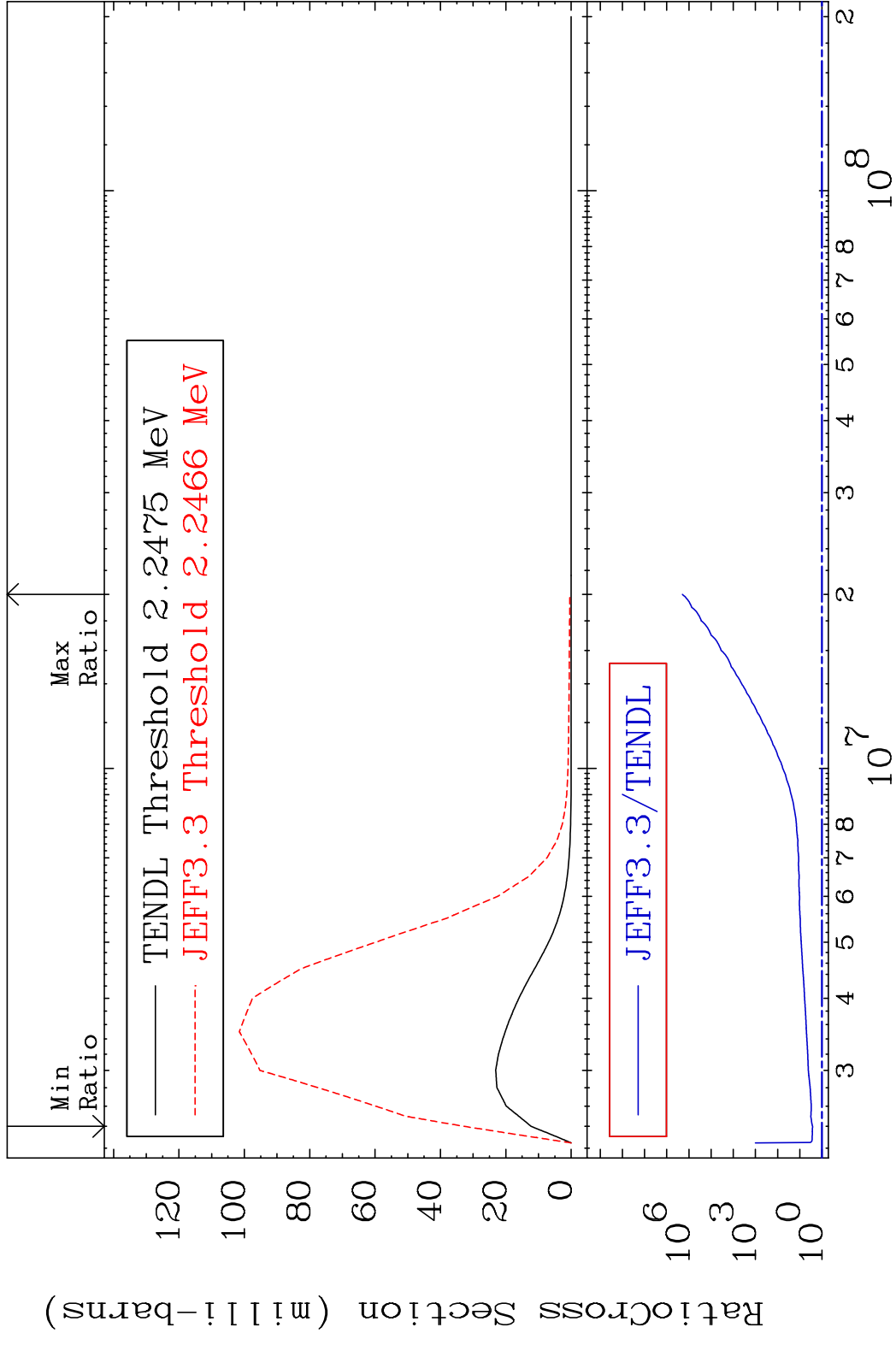


MAT 8231 MT= 61 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 91.52 %

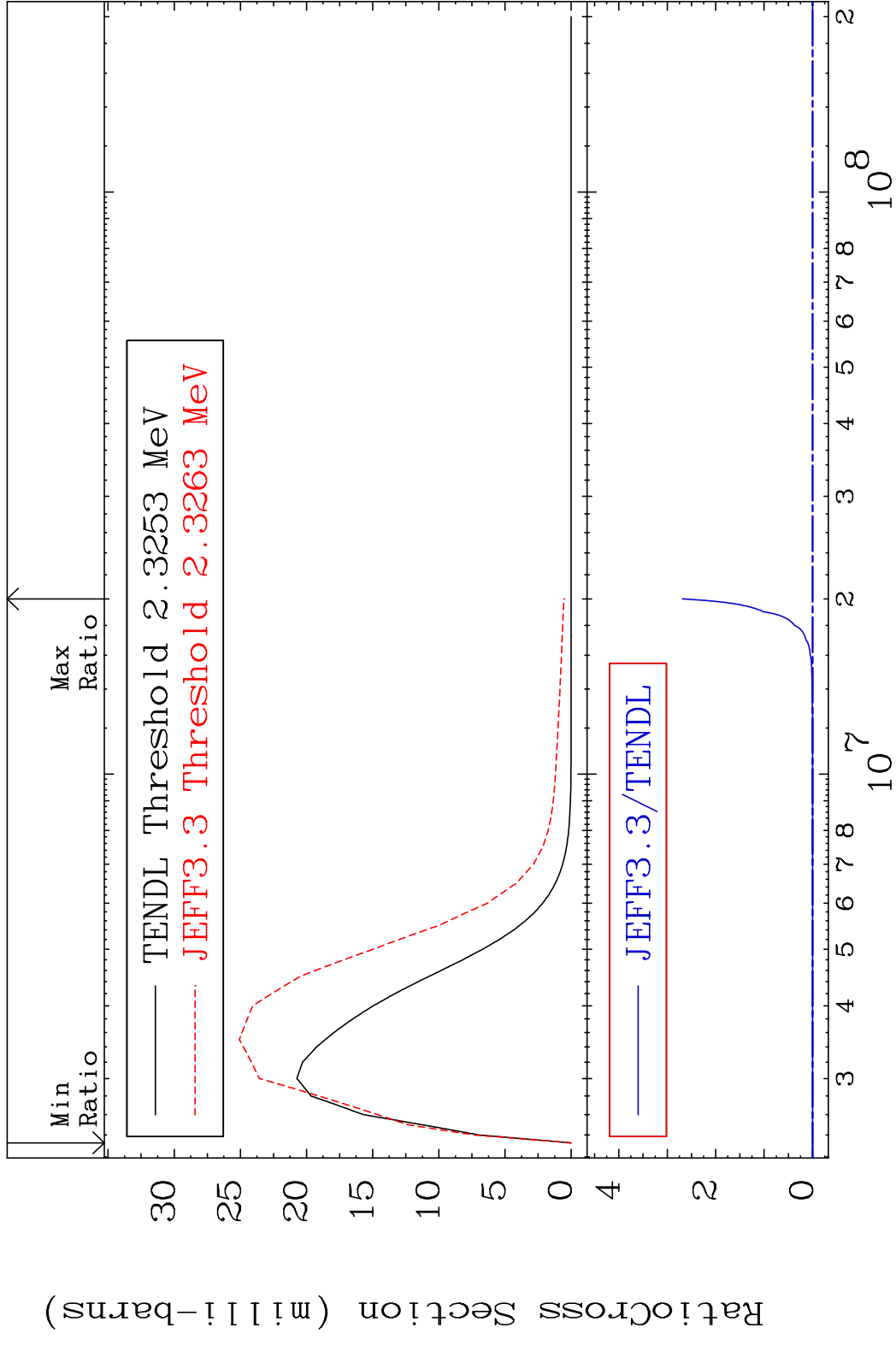


18 Incident Energy (eV) 82-Pb-206

MAT 8231 MT= 62 (n, n') Level 82-Pb-206  
 Cross Section 165.5 To 9999. %

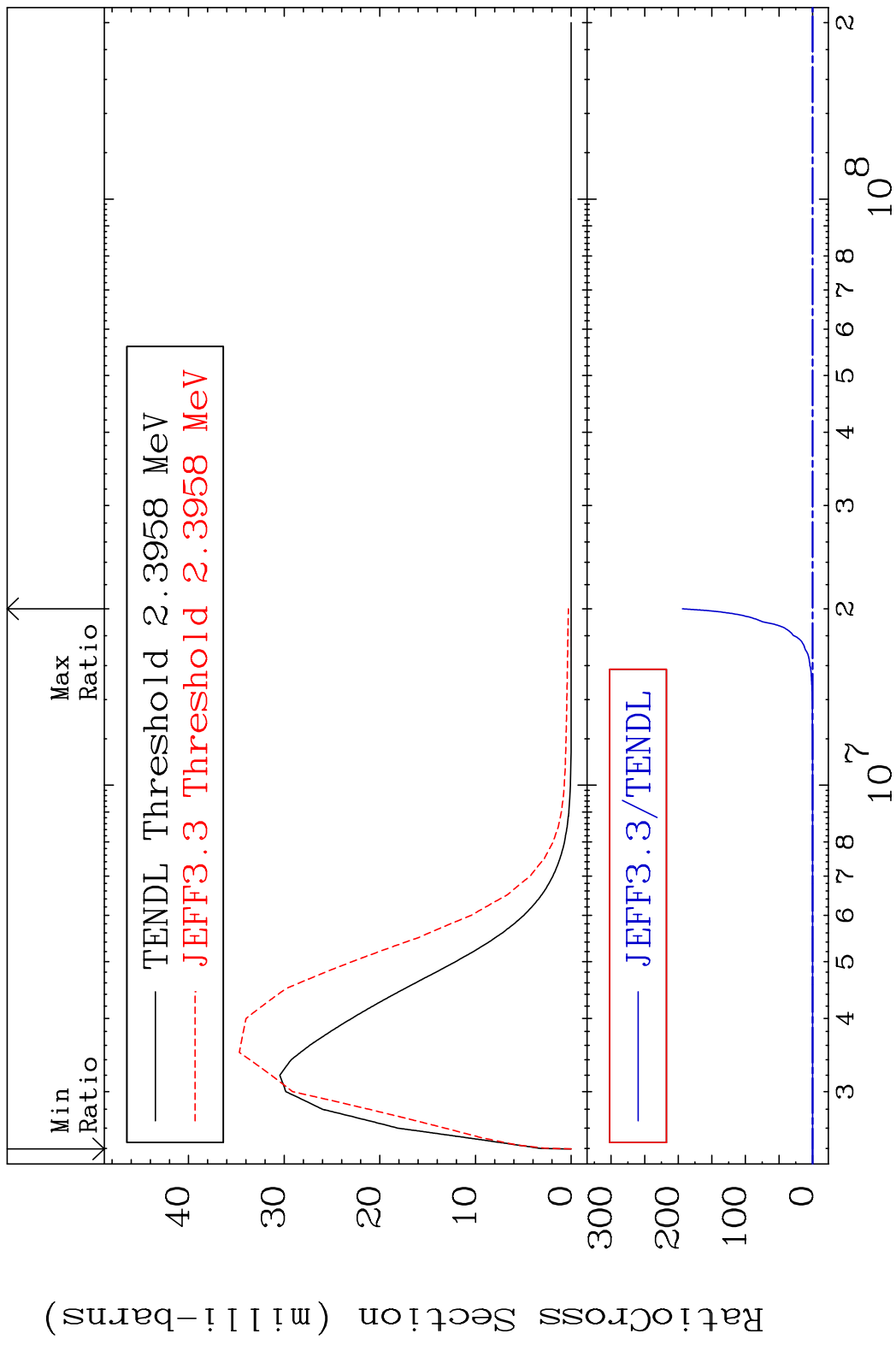


MAT 8231 MT= 63 (n, n') Level 82-Pb-206  
 Cross Section -100.0 To 9999. %

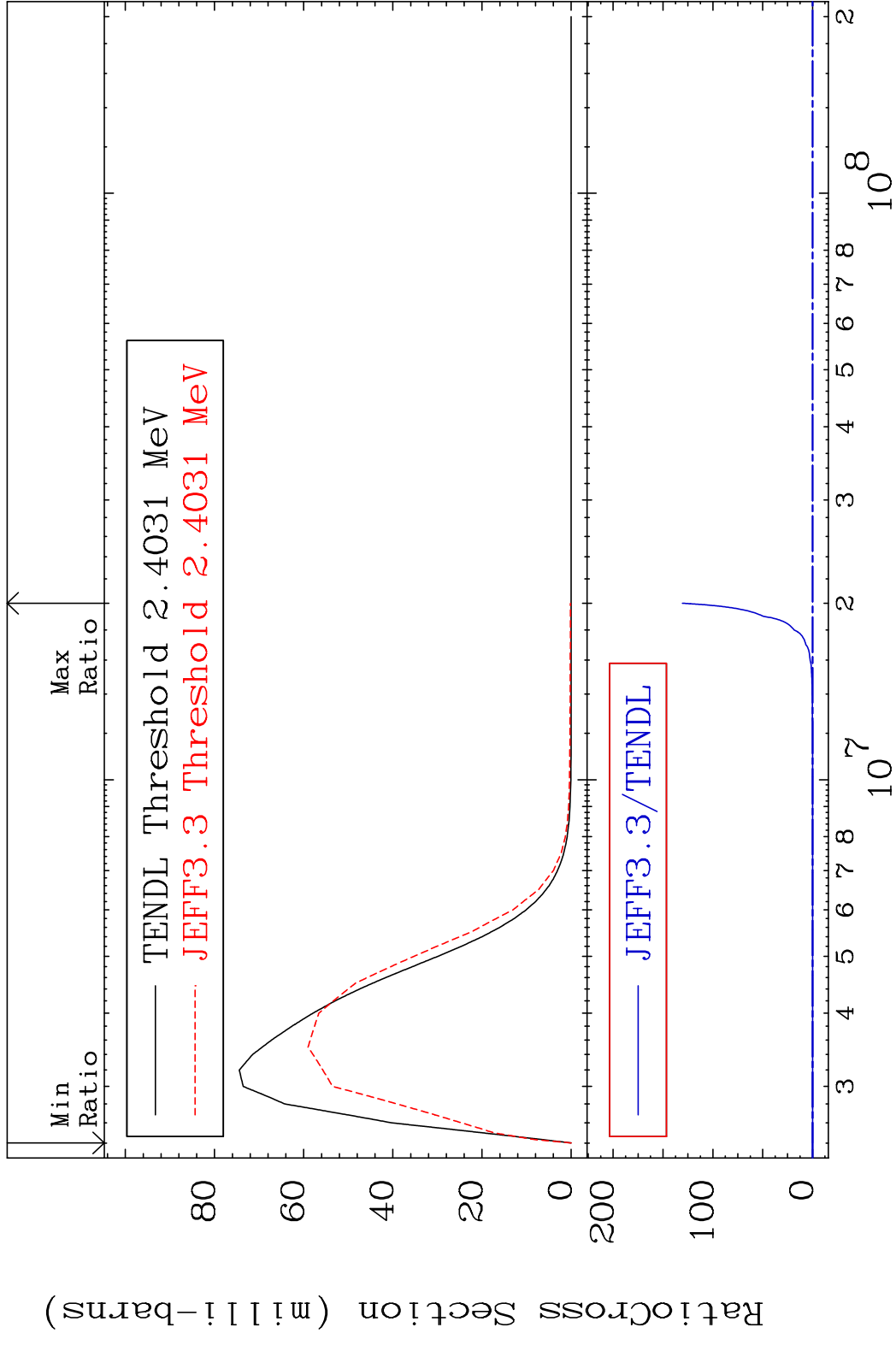


20 82-Pb-206

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. %

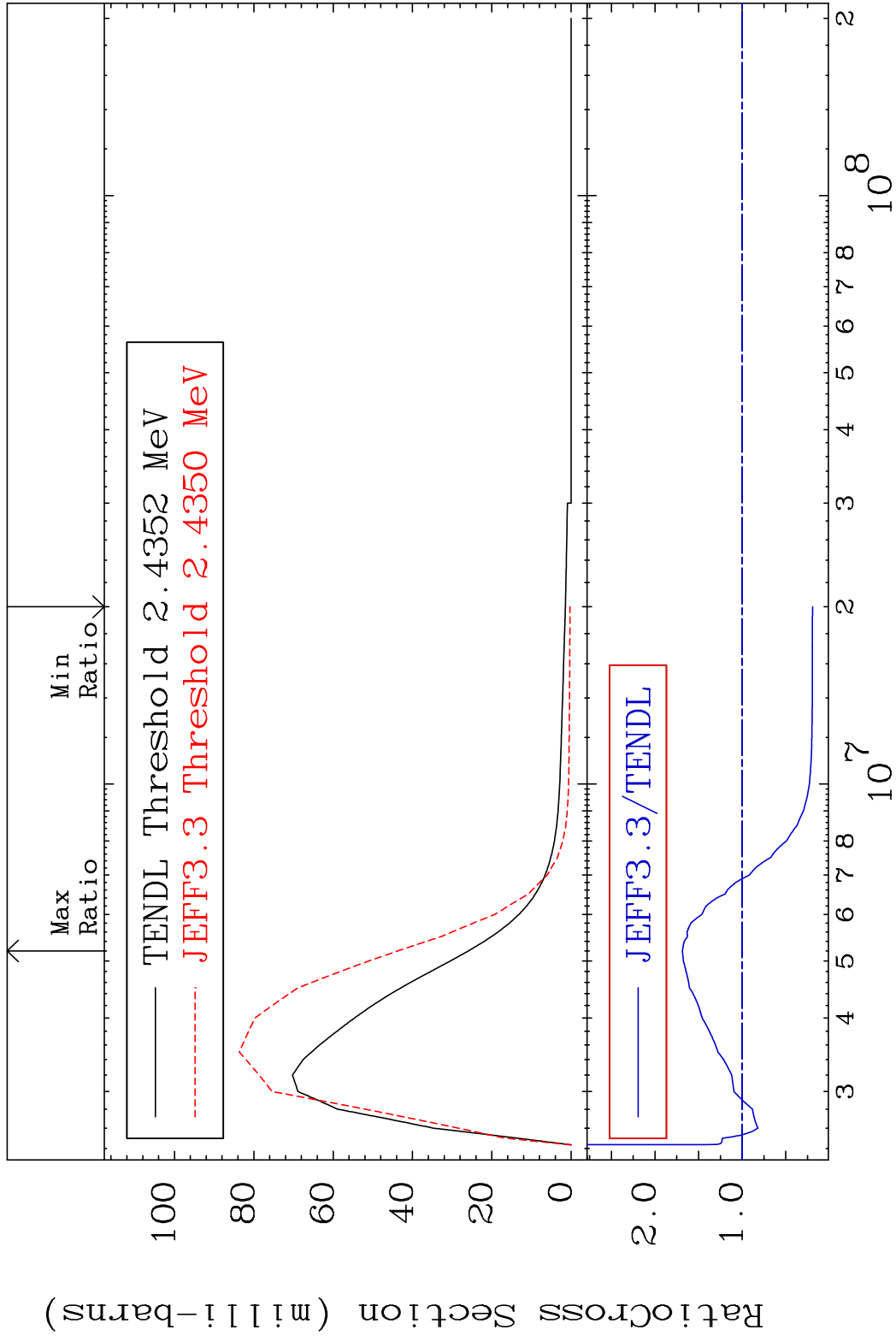


MAT 8231

MT= 66 (n,n') Level

82-Pb-206

Cross Section -80.68 To 68.63 %



23

Incident Energy (eV)

82-Pb-206

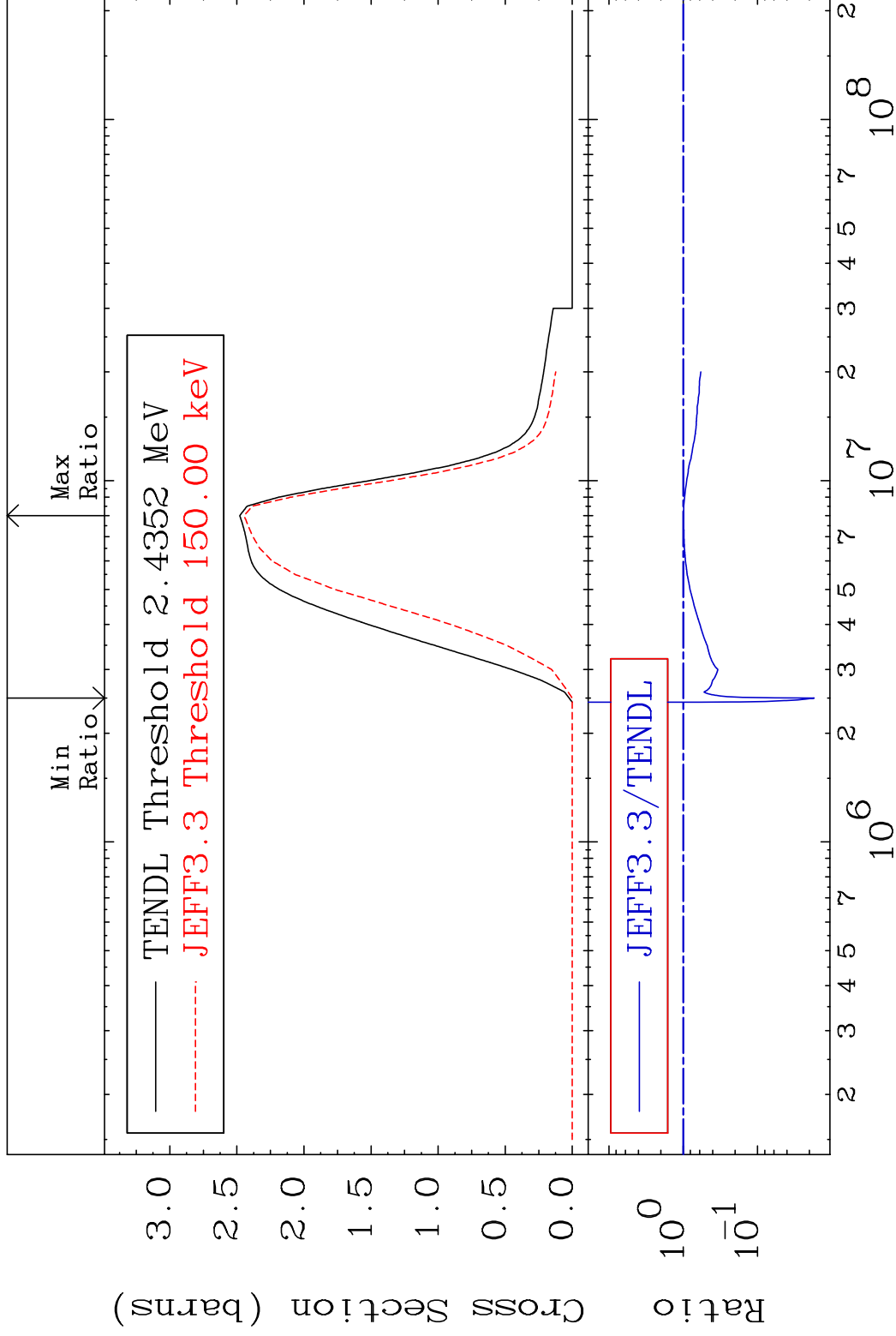


MAT 8231

(n, n') Continuum

82-Pb-206

Cross Section -98.27 To -1.305%



24

Incident Energy (eV)

82-Pb-206

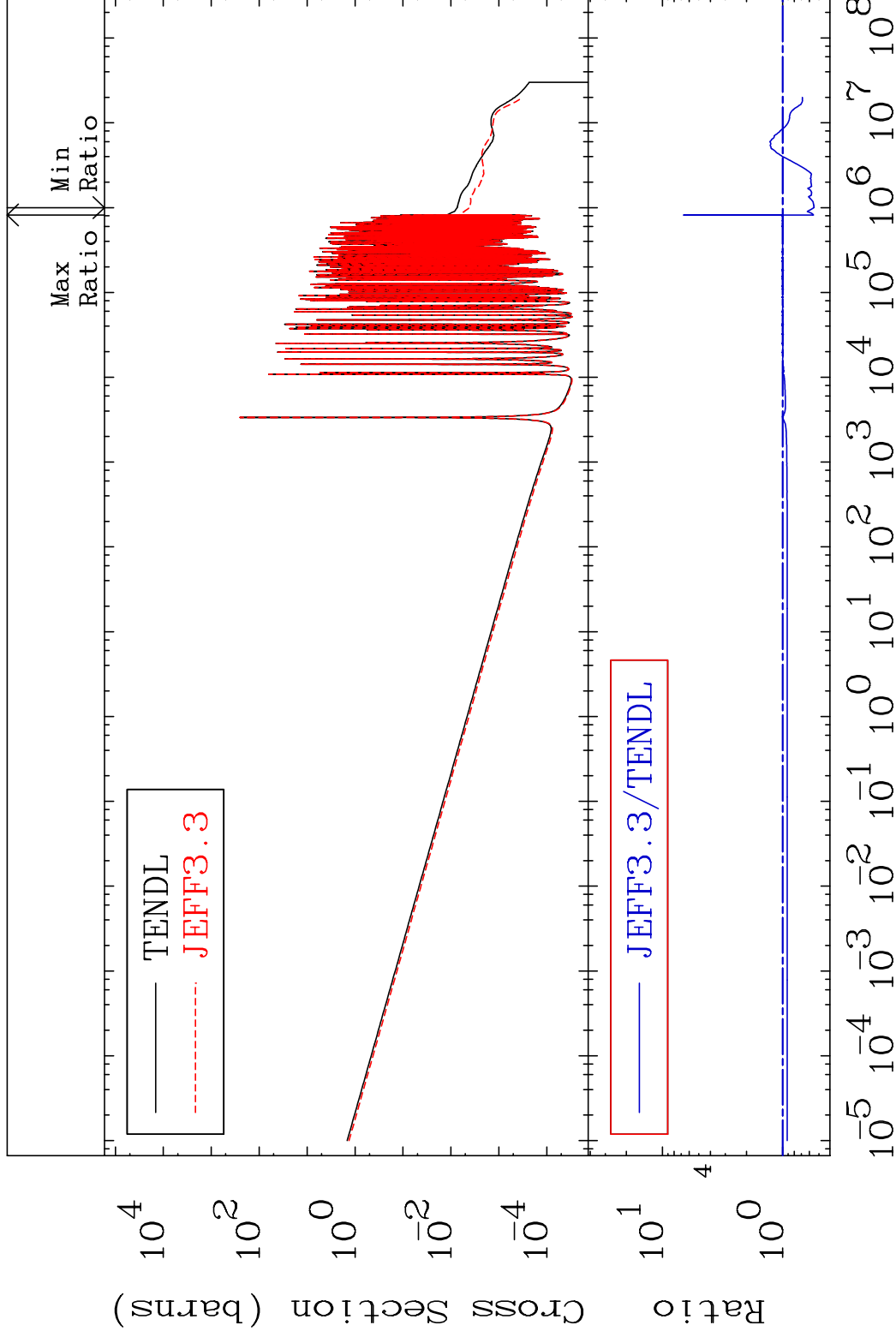
MAT 8231

(n,  $\gamma$ )

82-Pb-206

Cross Section

-45.22 To 567.2 %



25

Incident Energy (eV)

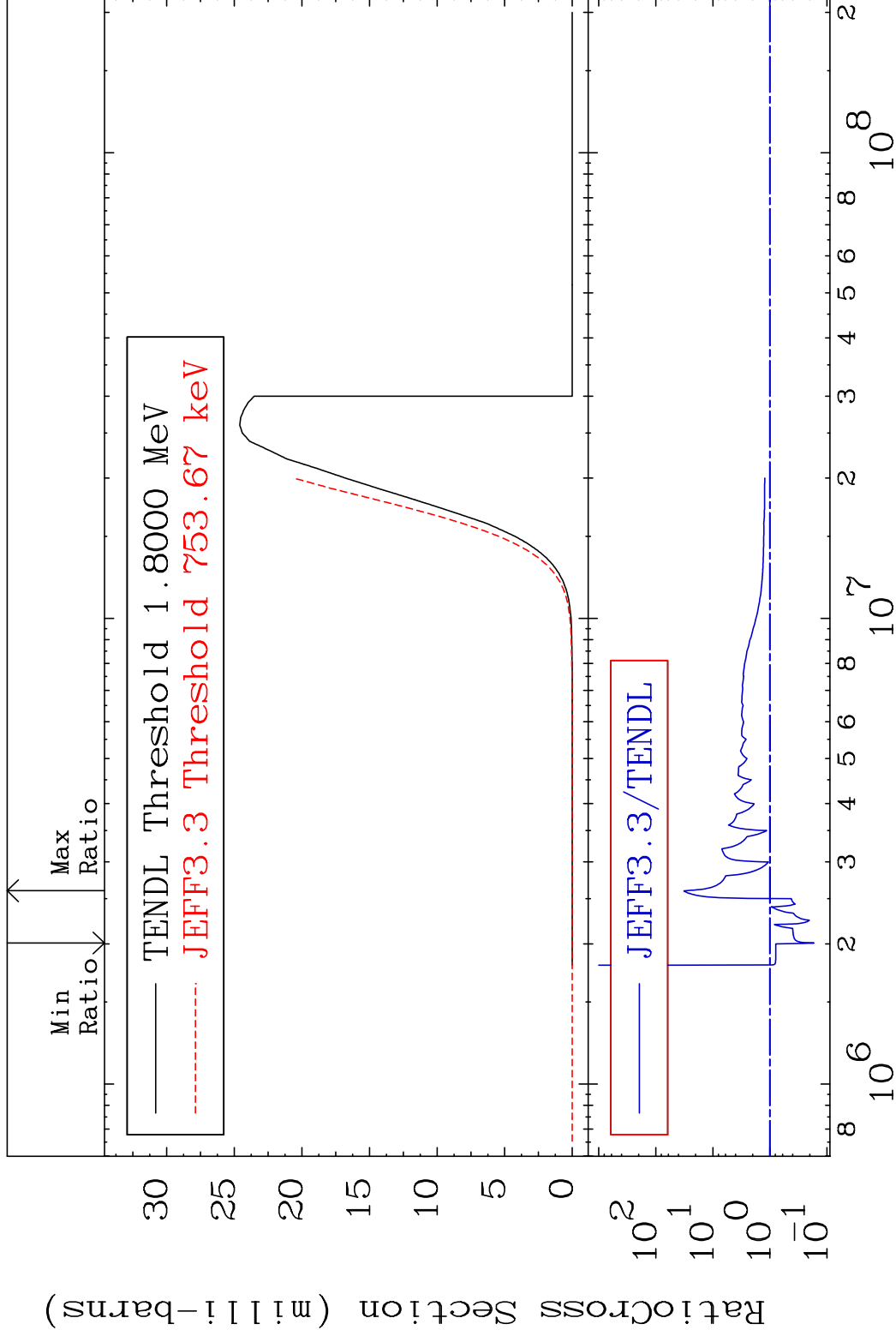
82-Pb-206

MAT 8231

(n, p)

82-Pb-206

Cross Section -83.21 To 3148. %



26

Incident Energy (eV)

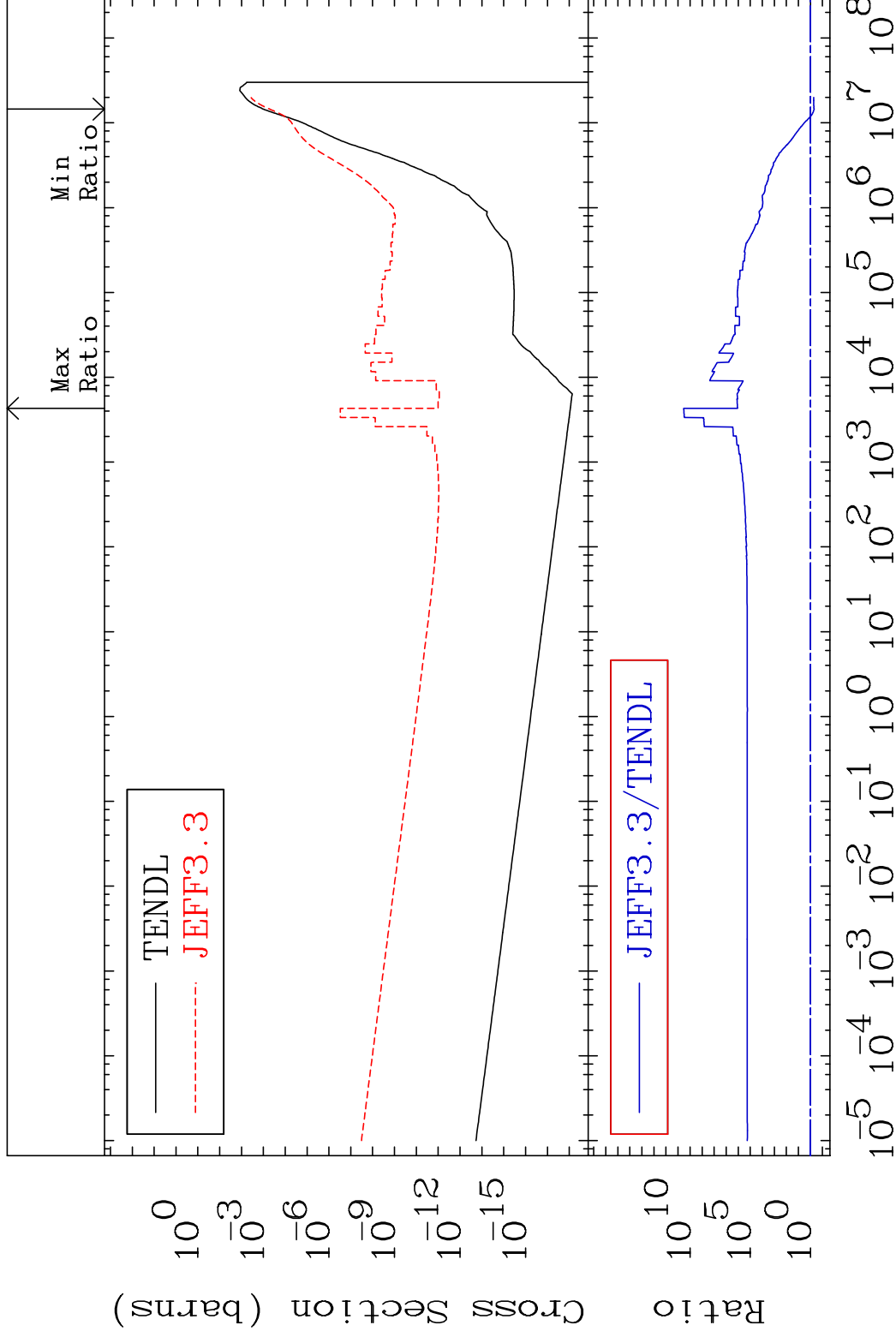
82-Pb-206

MAT 8231

(n,  $\alpha$ )

82-Pb-206

Cross Section -50.28 To 9999. %



27

Incident Energy (eV)

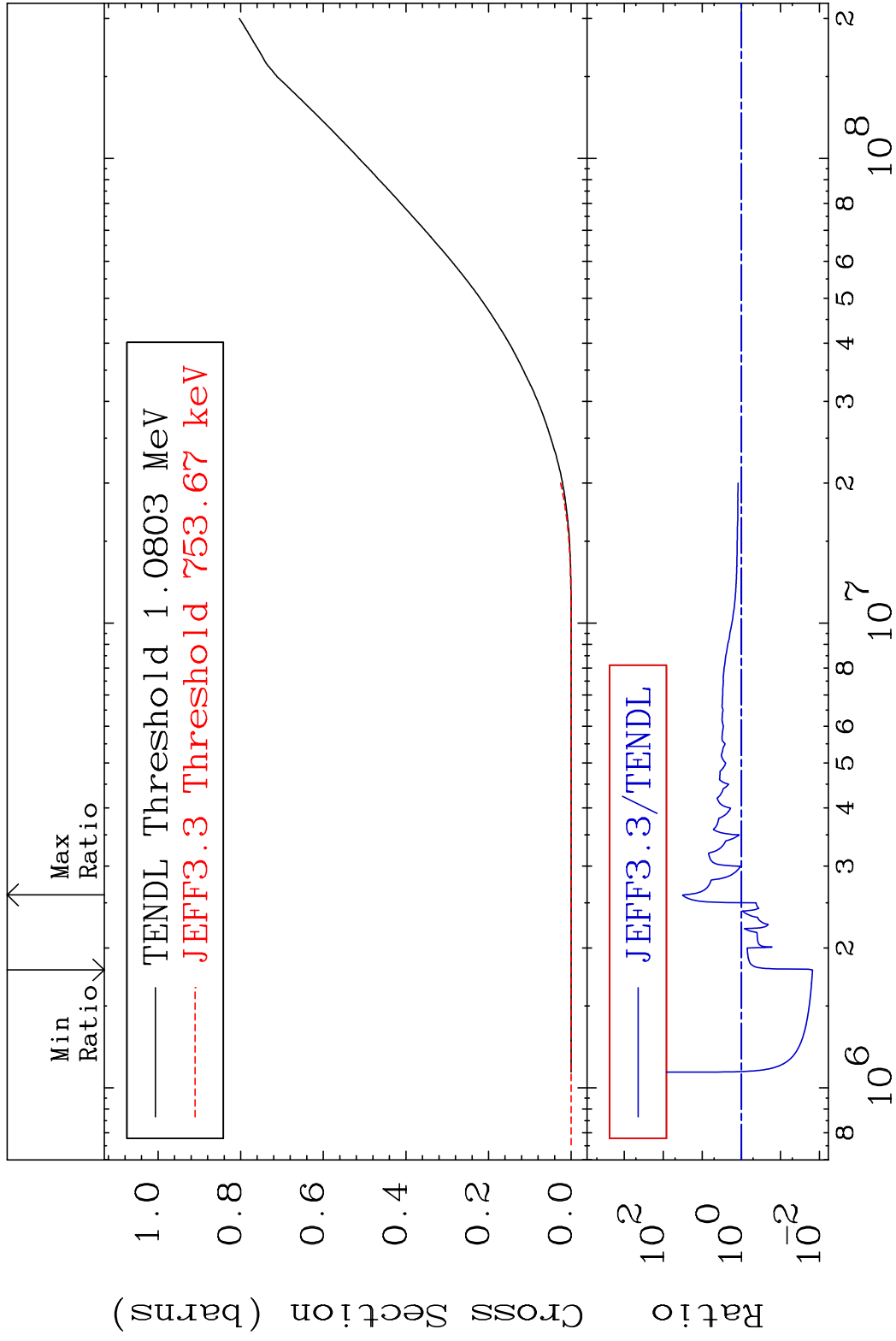
82-Pb-206

MAT 8231

Hydrogen Production

82-Pb-206

Cross Section -98.49 To 3148. %



28

Incident Energy (eV)

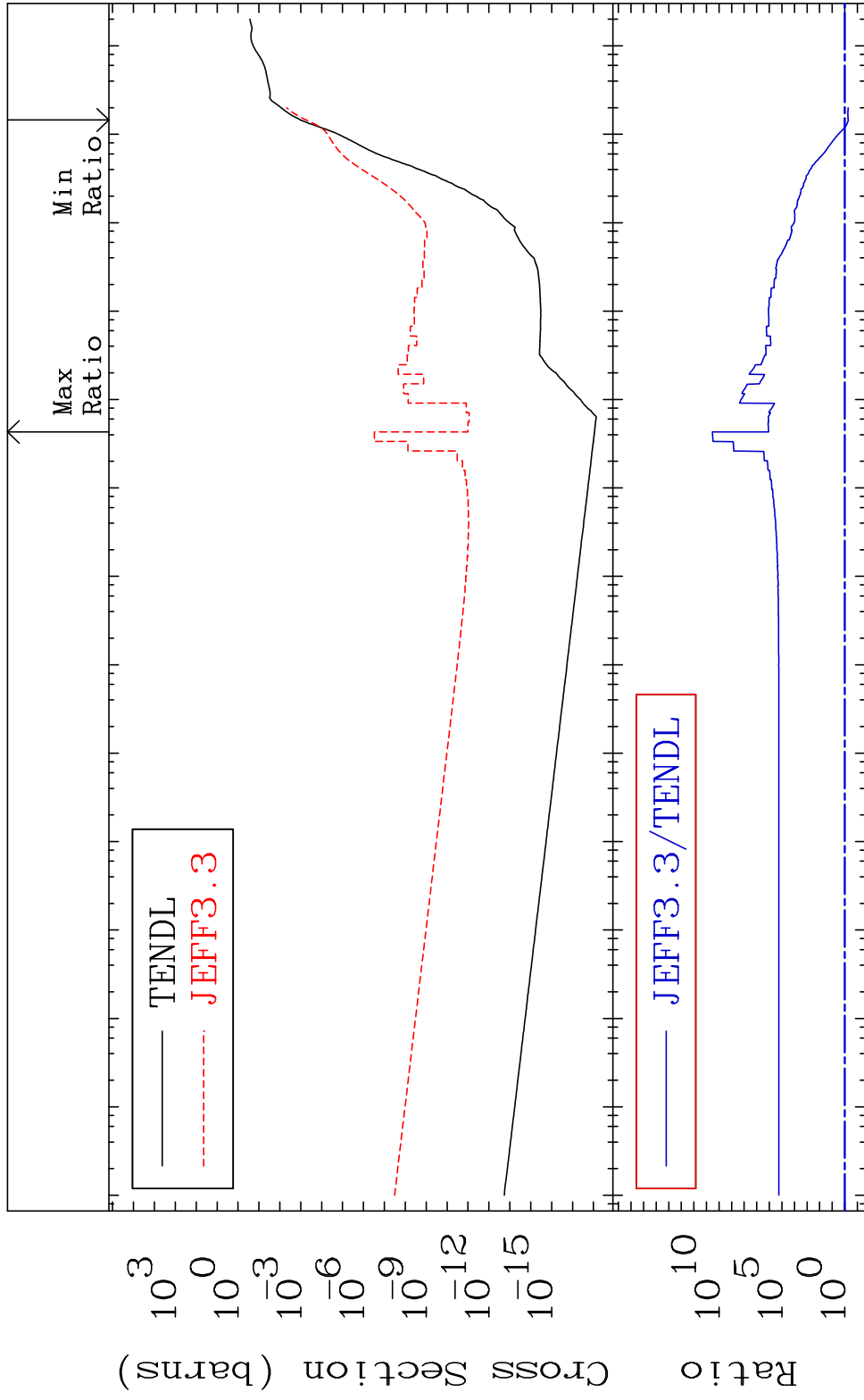
82-Pb-206

MAT 8231

He-4 Production

82-Pb-206

Cross Section -47.47 To 9999. %

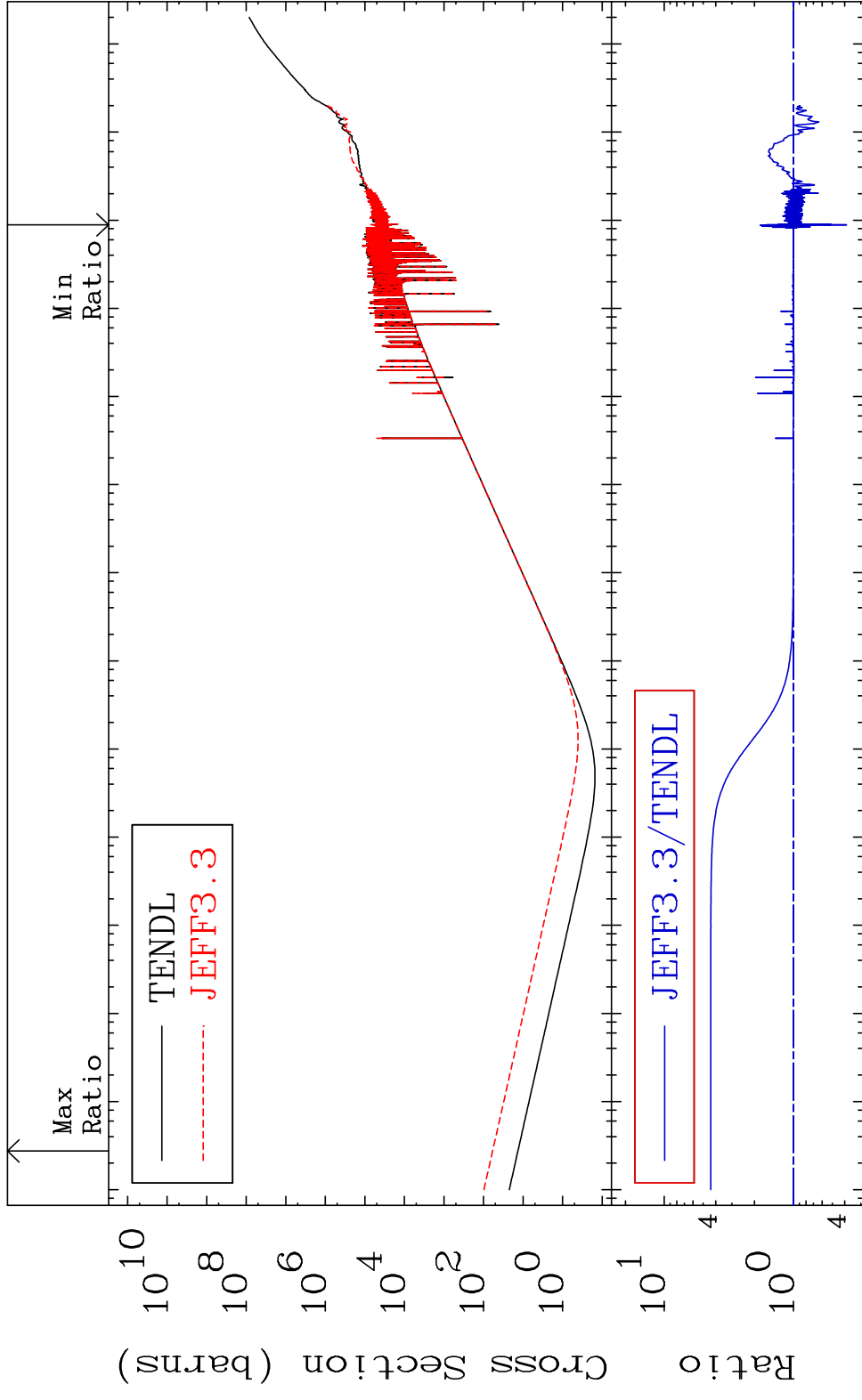


29

Incident Energy (eV)

82-Pb-206

MAT 8231 Kerma total (eV-barns) 82-Pb-206  
 Cross Section -61.10 To 336.9 %

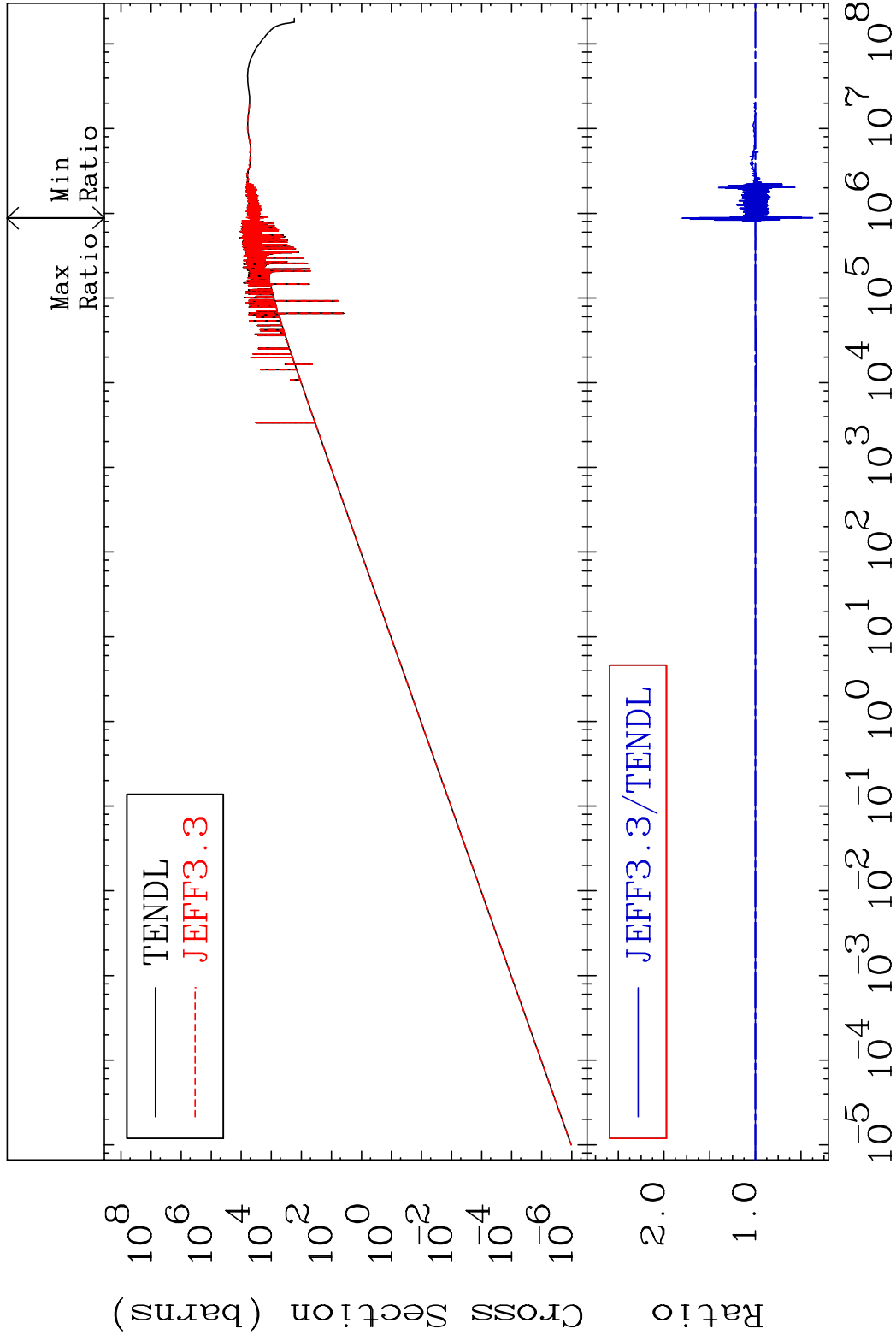


30 Incident Energy (eV) 82-Pb-206

MAT 8231

Kerma elastic  
Cross Section

82-Pb-206  
-62.57 To 79.90 %



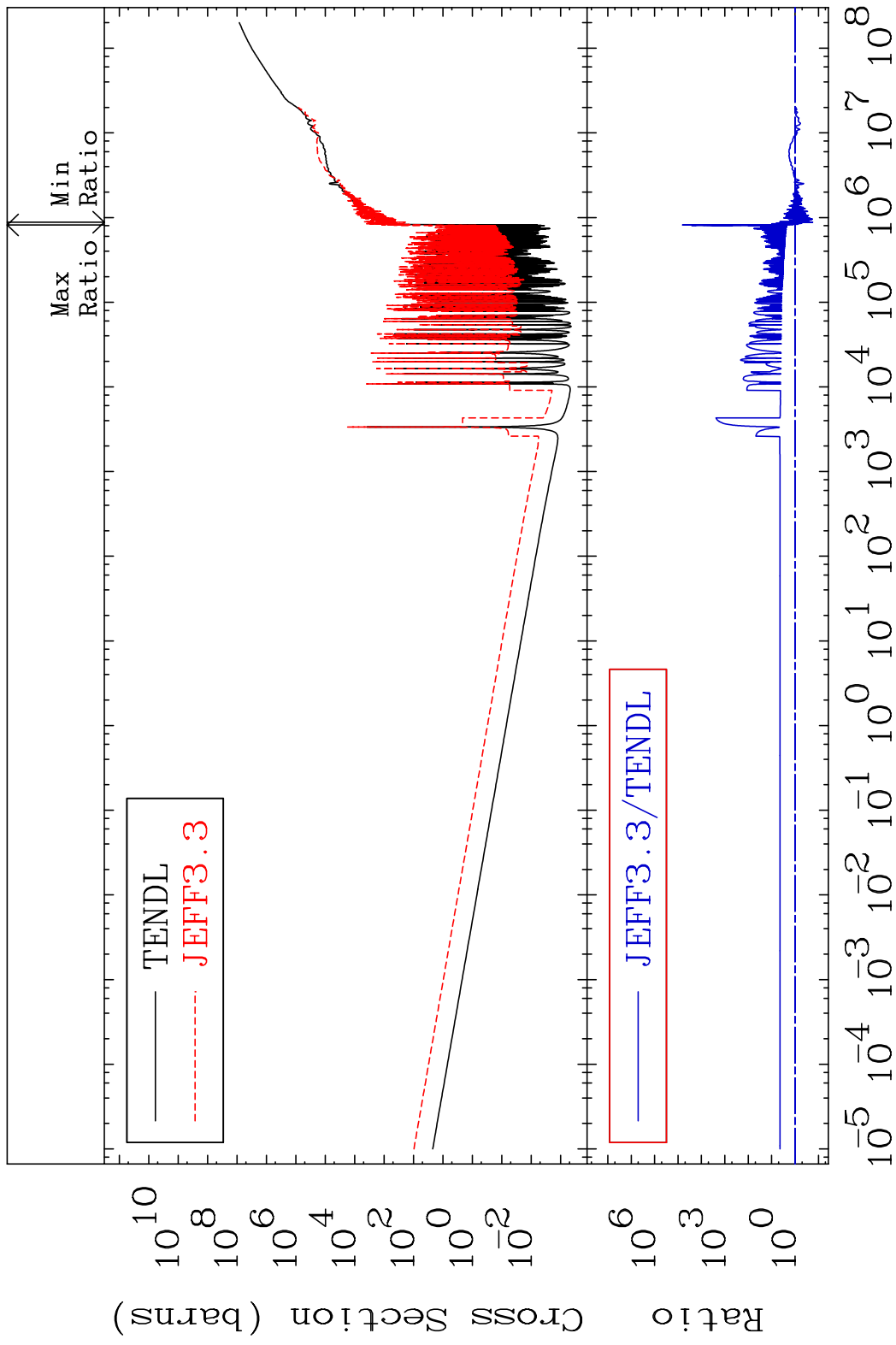
31

Incident Energy (eV)

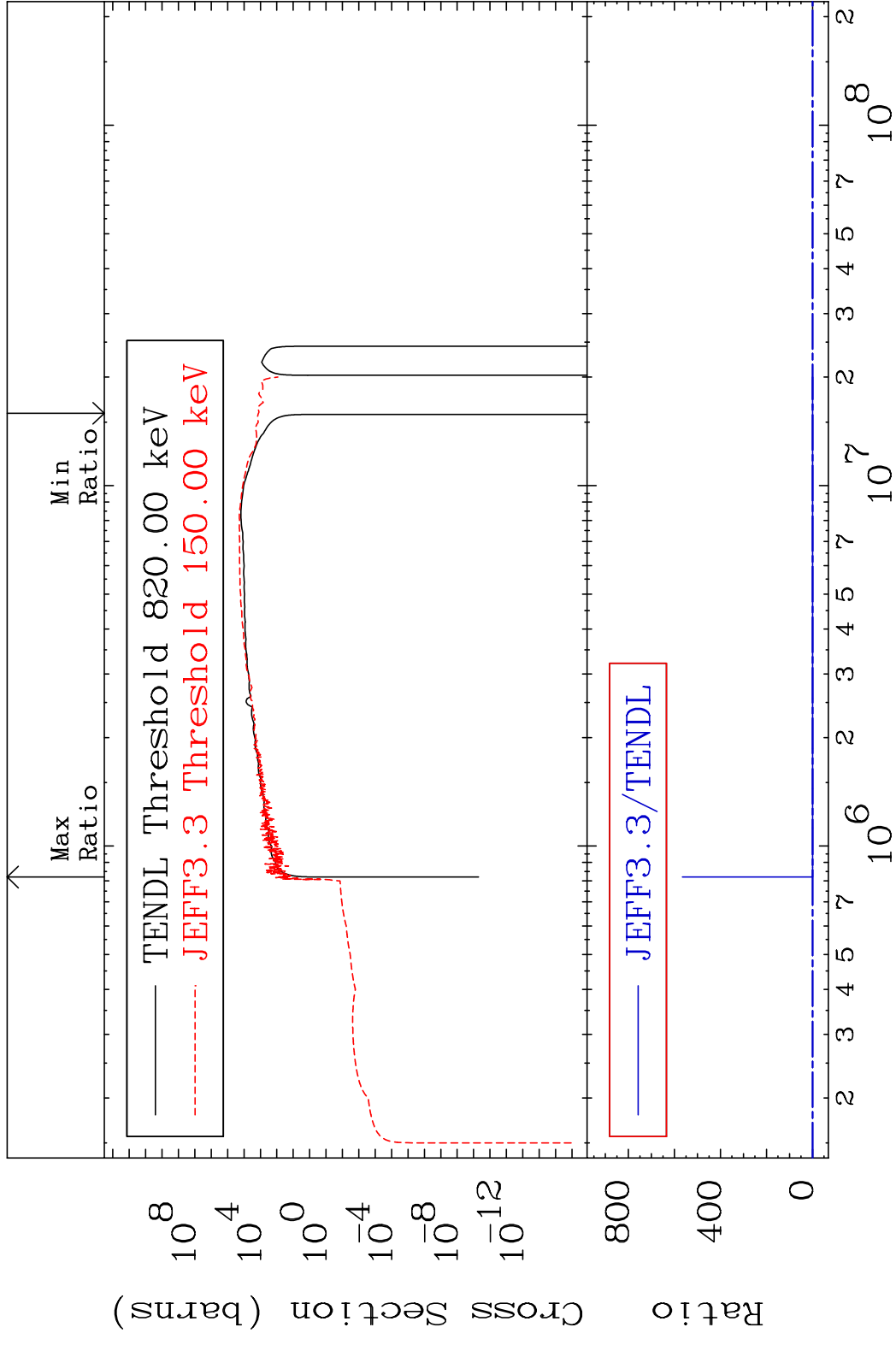
82-Pb-206



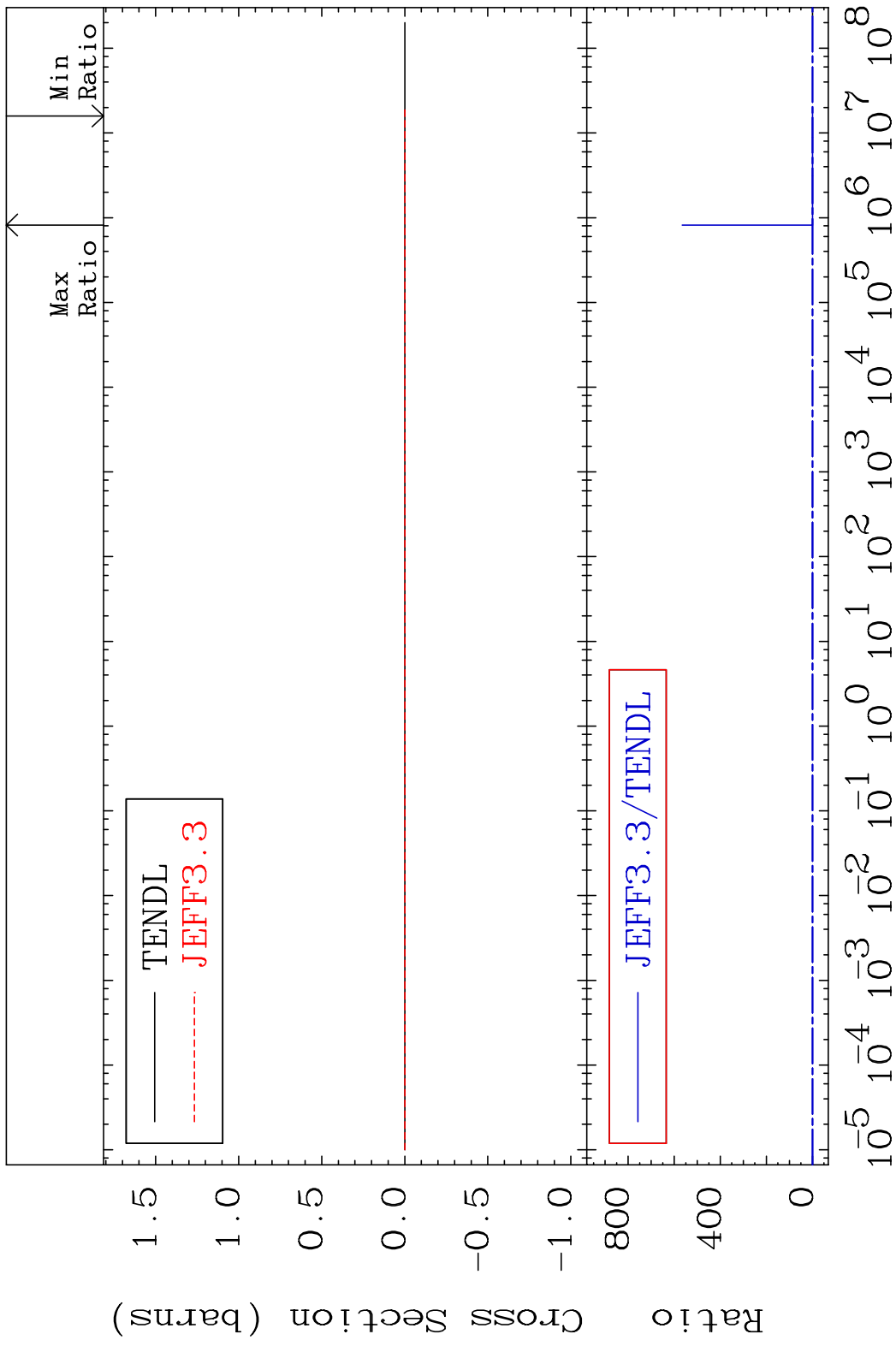
MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206  
 Cross Section -82.15 To 9999. %



MAT 8231 Kerma inelastic (mt51-91) 82-Pb-206  
 Cross Section -4903. To 9999. %



MAT 8231 Kerma fission (mt18 or mt19-20-21-38)82-Pb-206  
 Cross Section -4903. To 9999. %

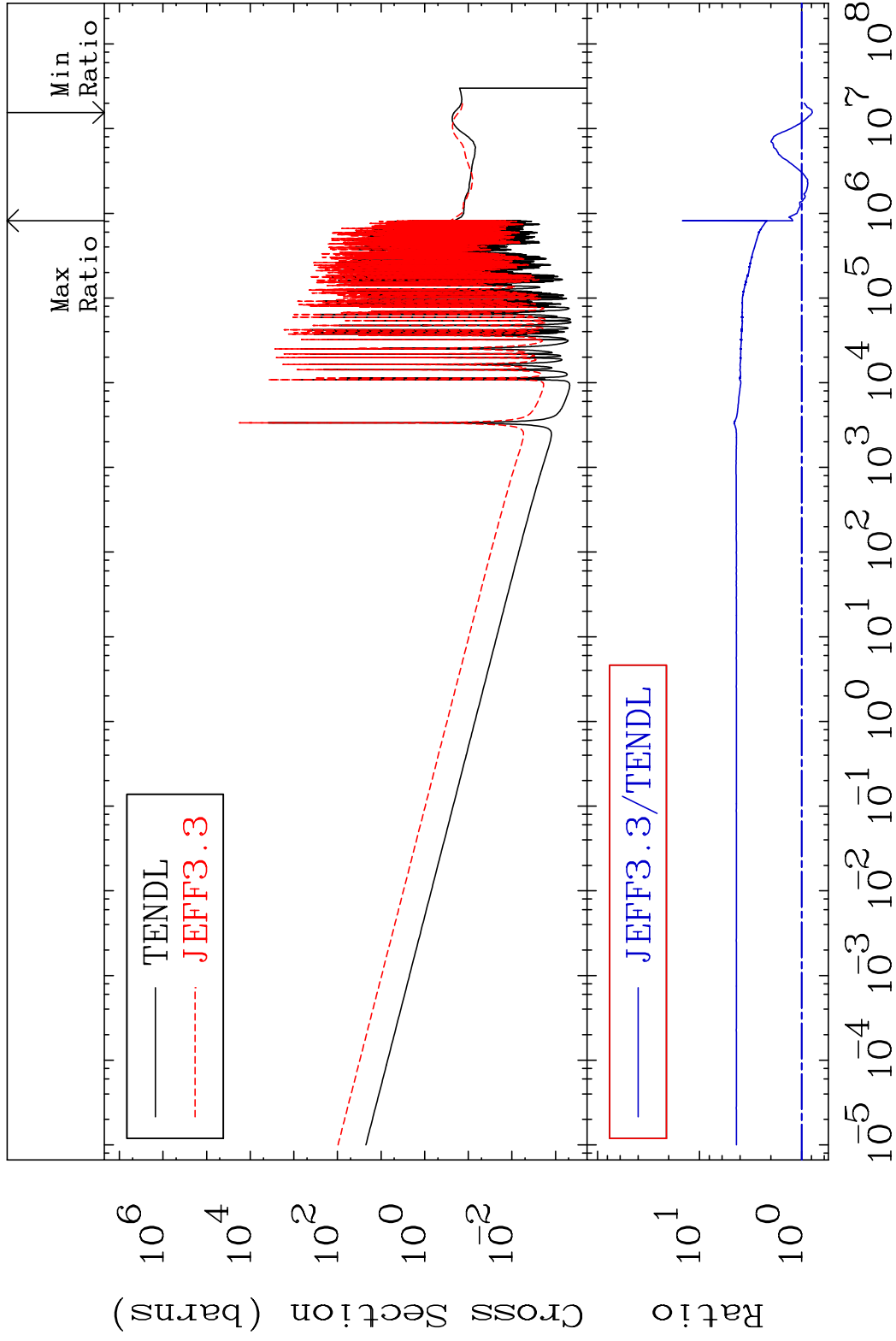


MAT 8231

Kerma capture (mt102)

82-Pb-206

Cross Section -21.95 To 1373. %



35

Incident Energy (eV)

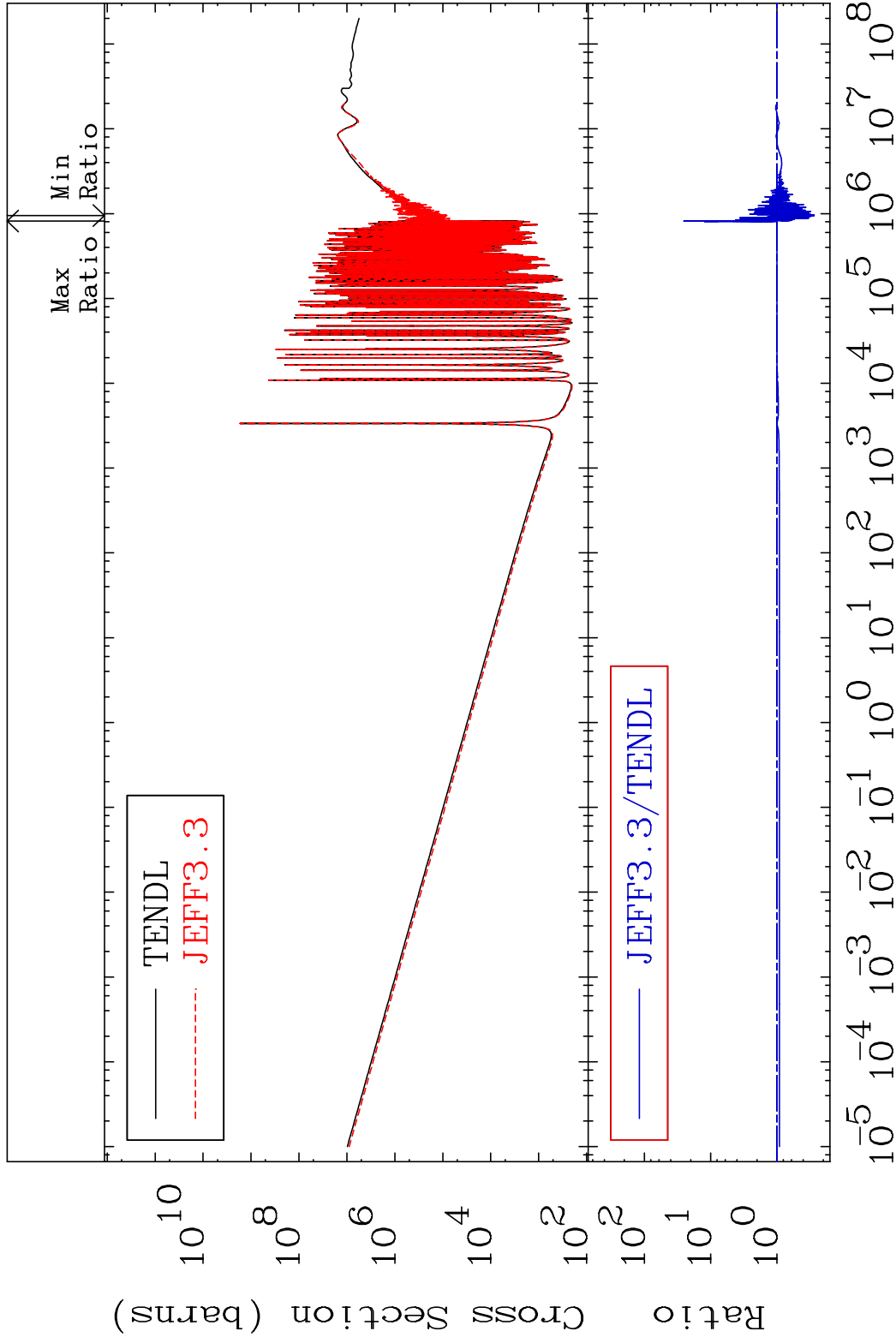
82-Pb-206

MAT 8231

Total photon (eV-barns)

82-Pb-206

Cross Section -72.55 To 2452. %

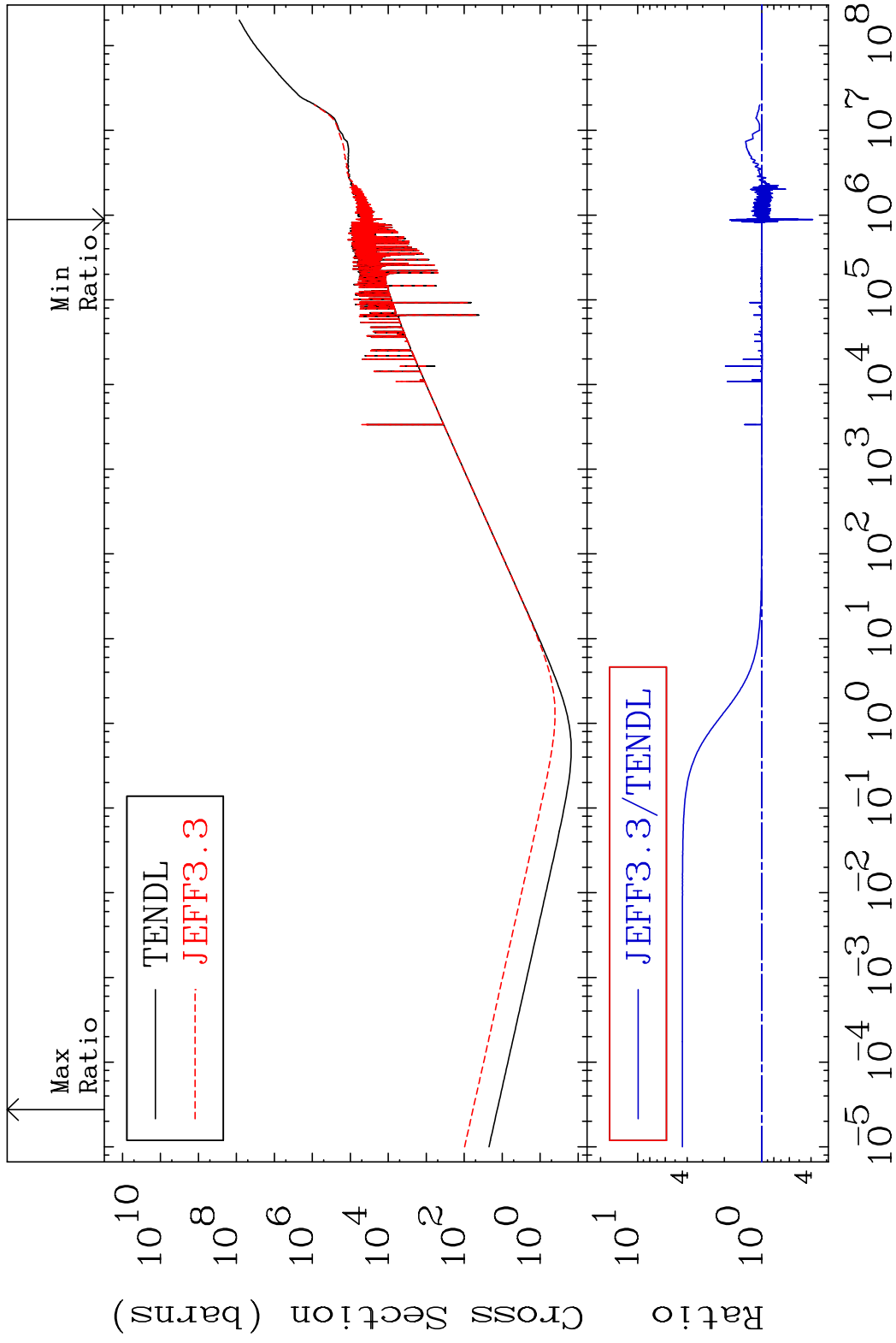


36

Incident Energy (eV)

82-Pb-206

MAT 8231 Total kinematic kerma (high limit) 82-Pb-206  
Cross Section -61.10 To 336.9 %

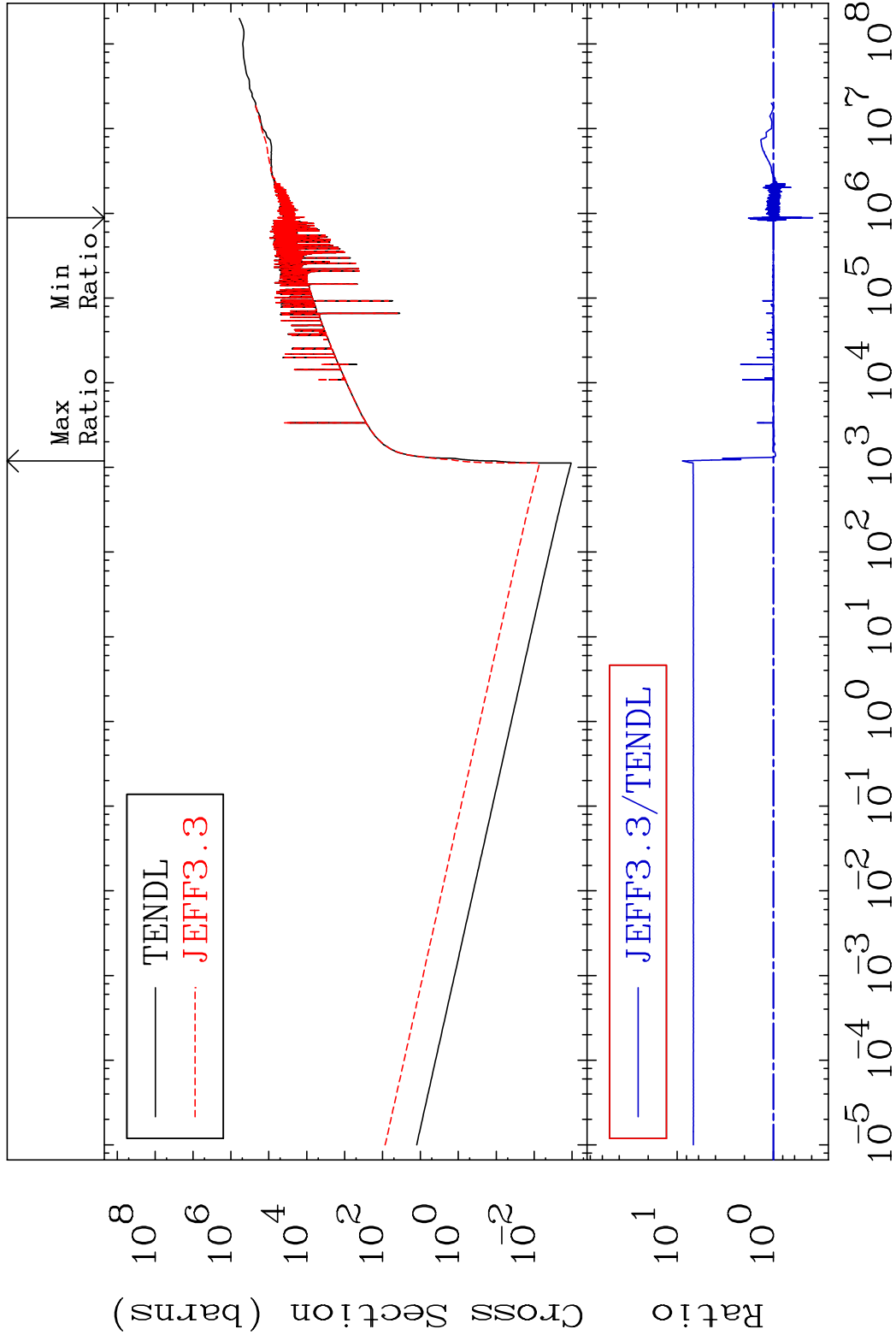


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -60.90 To 782.7 %



38

Incident Energy (eV)

82-Pb-206

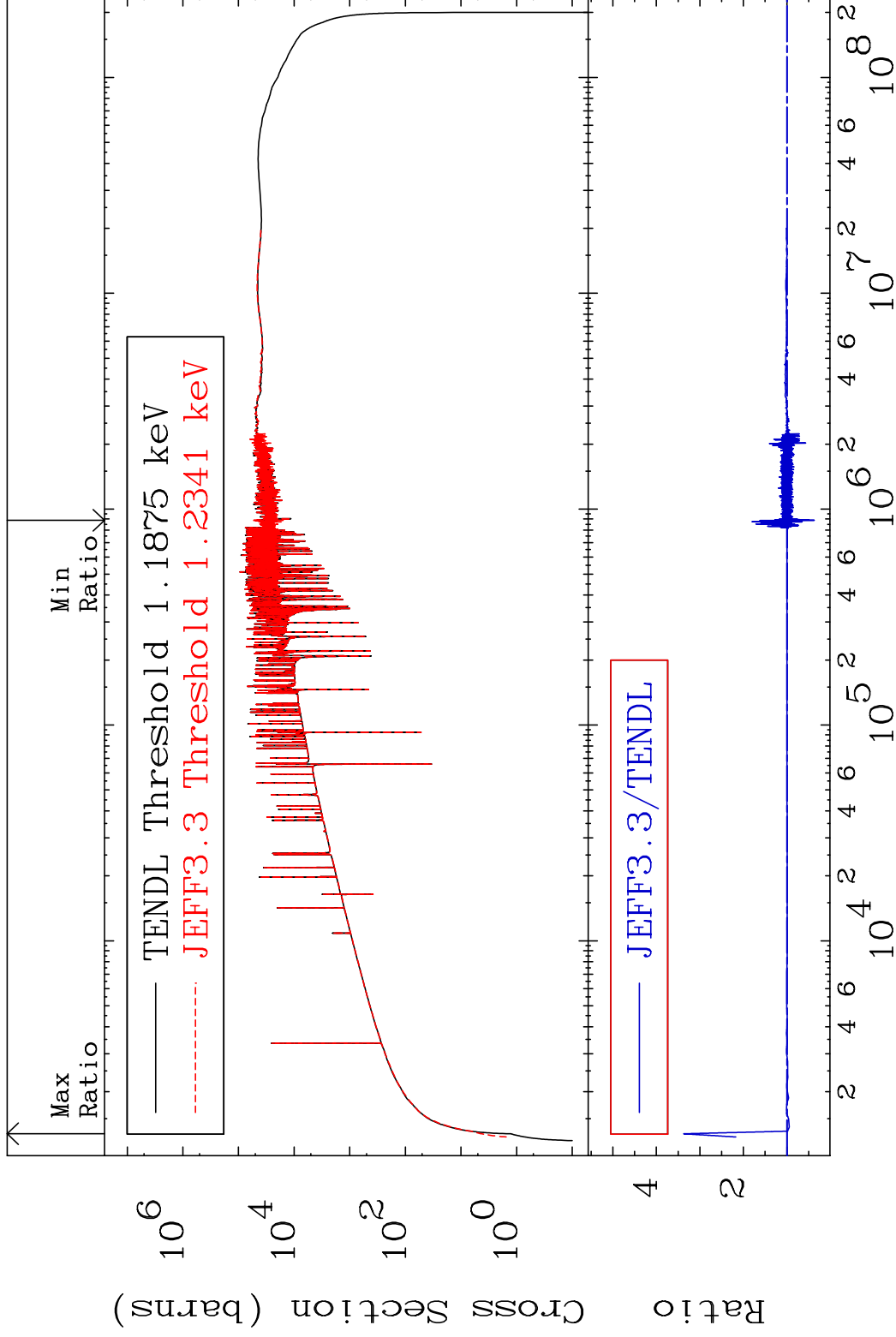
MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section

-62.56 To 237.2 %



39

Incident Energy (eV)

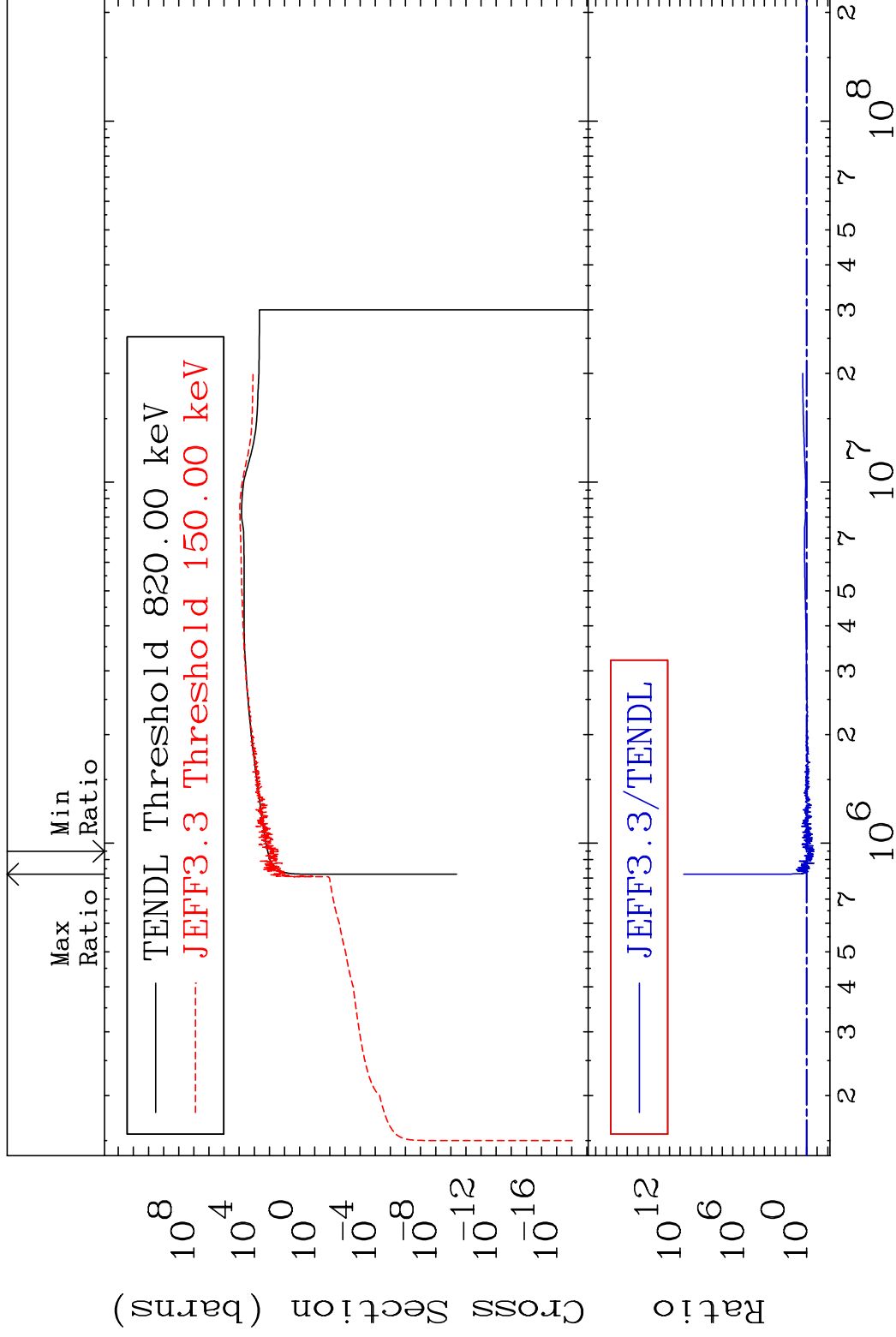
82-Pb-206



MAT 8231

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

Cross Section -80.34 To 9999. %

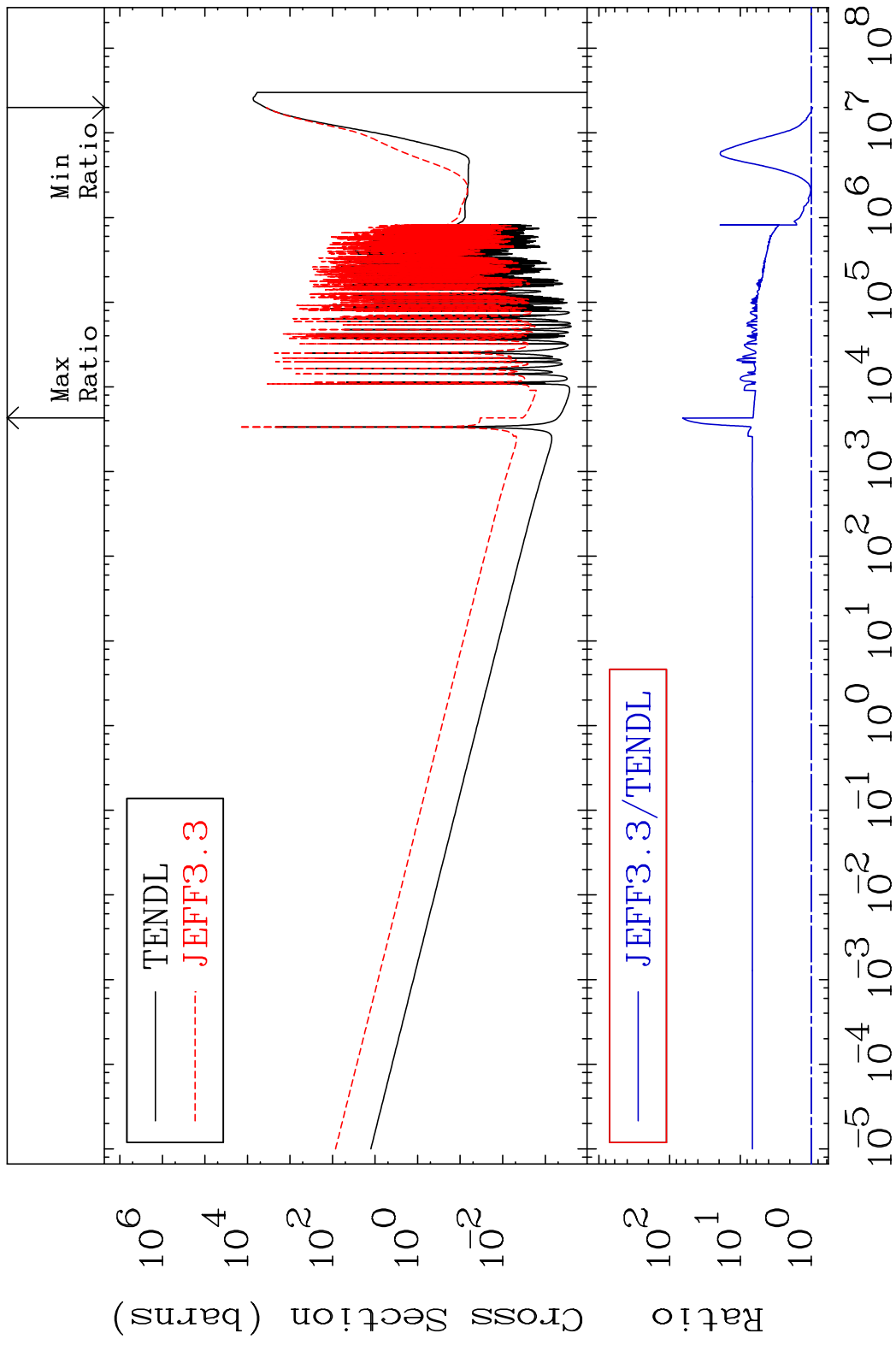


40

Incident Energy (eV)

82-Pb-206

MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206  
 Cross Section -4.505 To 6519. %

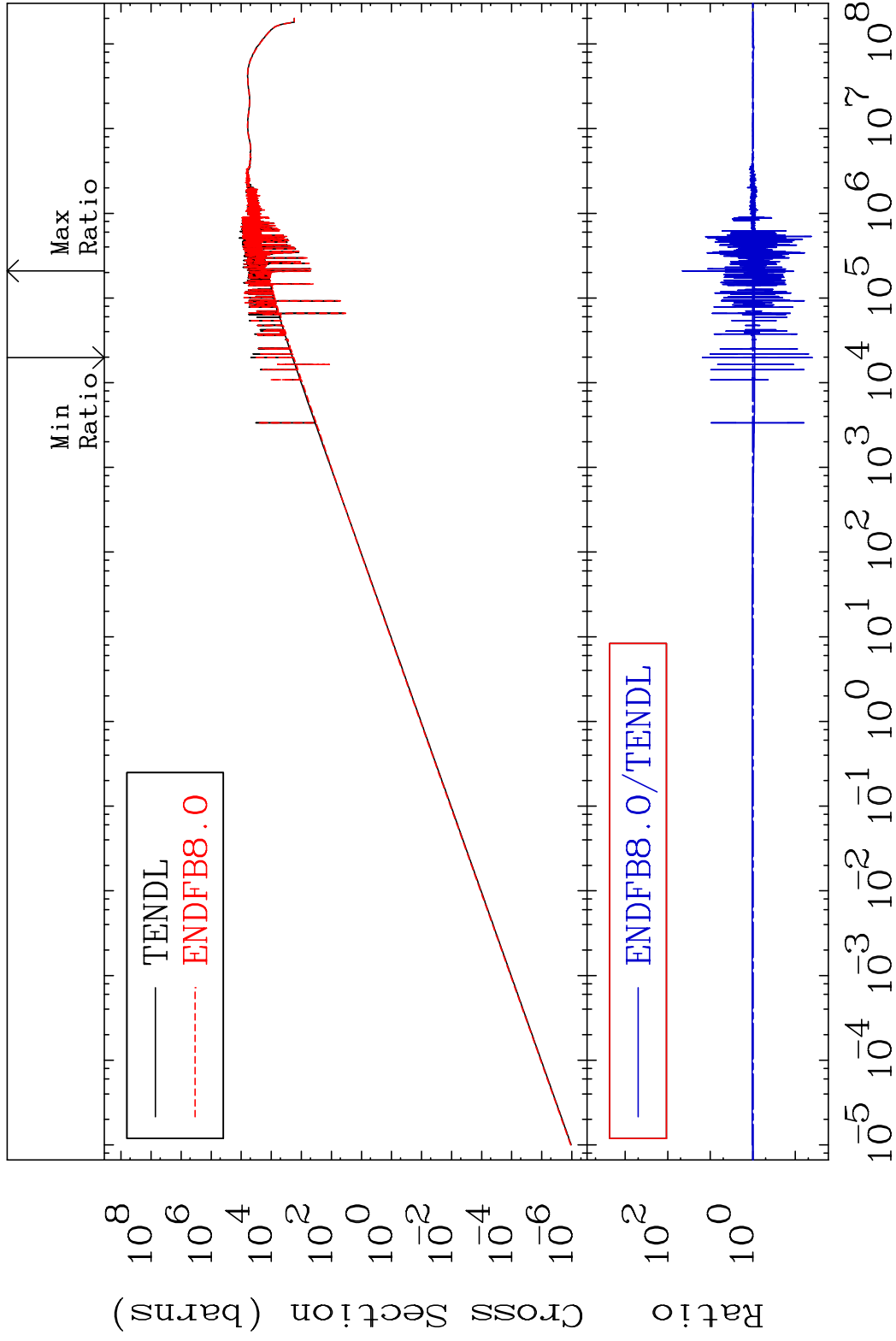


MAT 8231

Kerma elastic

82-Pb-206

Cross Section -96.06 To 4443. %

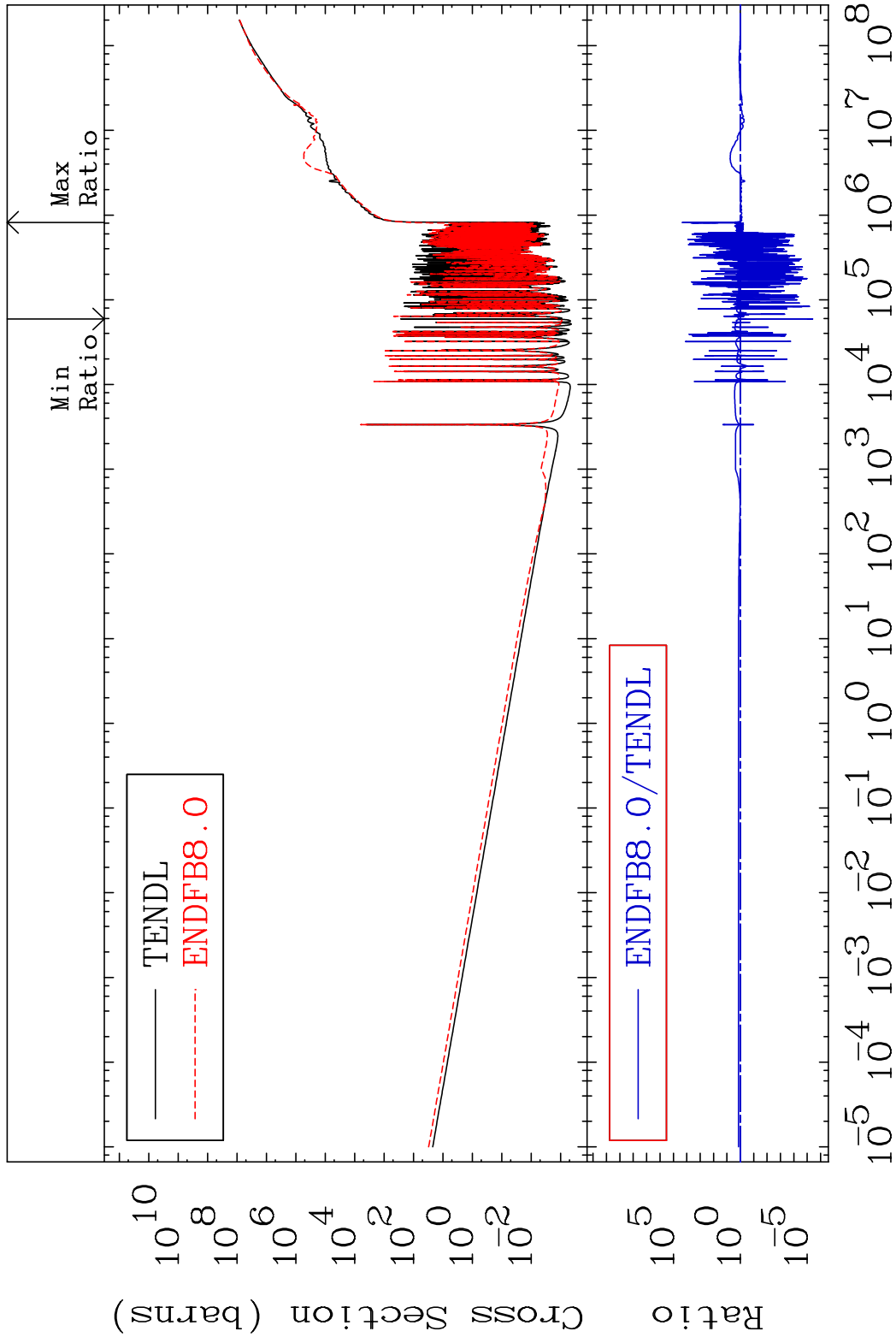


42

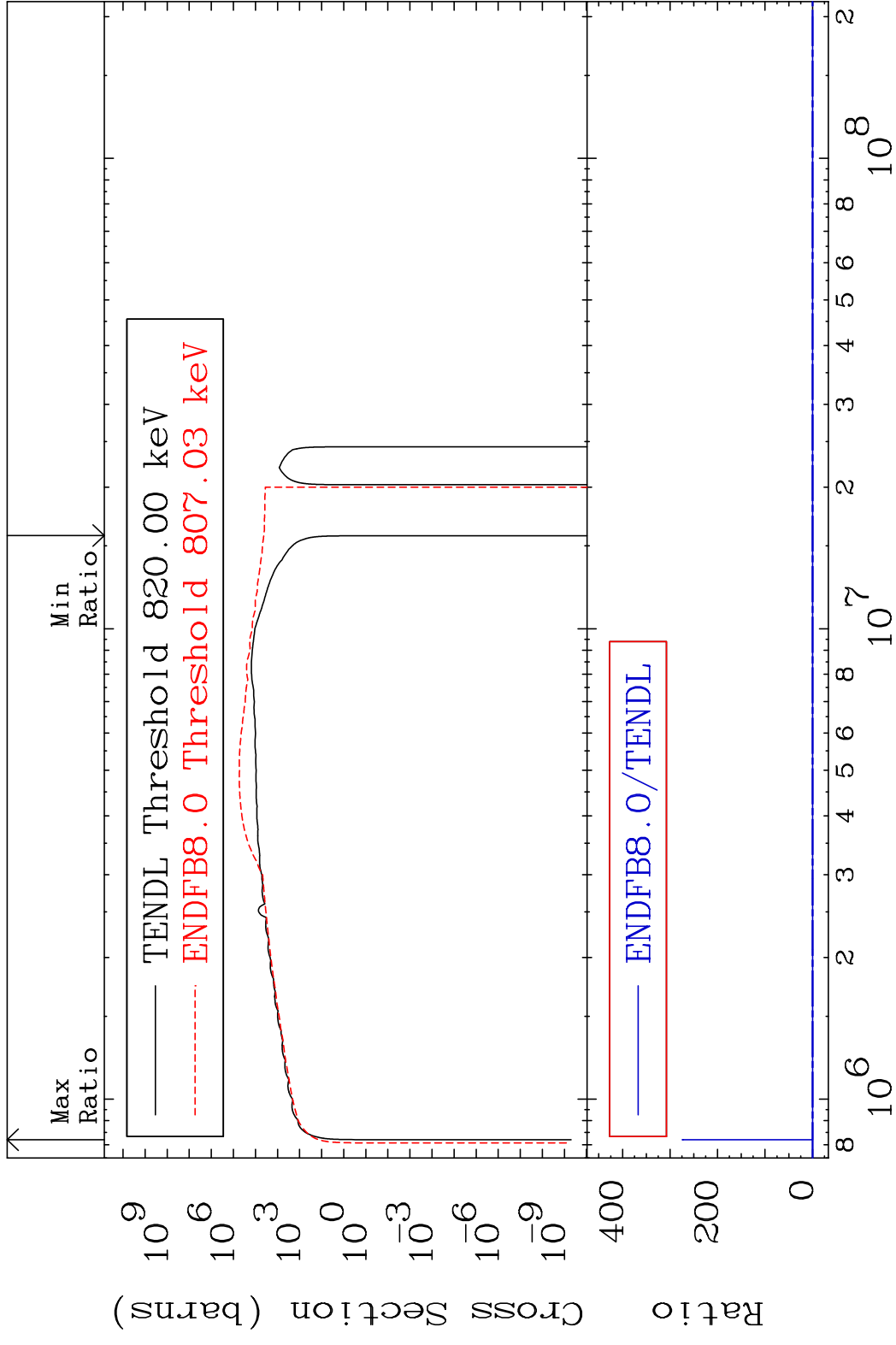
Incident Energy (eV)

82-Pb-206

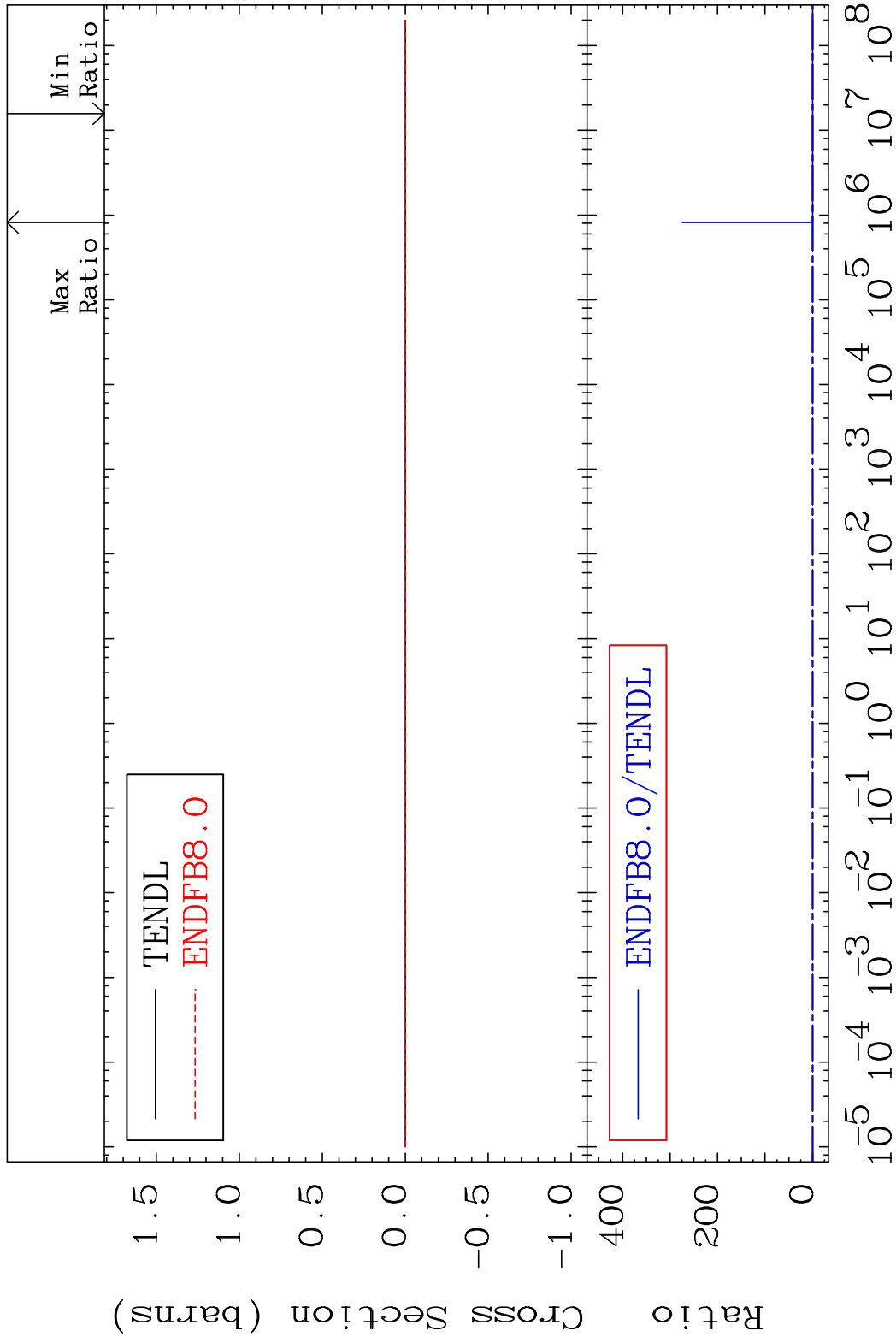
MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206  
 Cross Section -100.0 To 9999. %



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



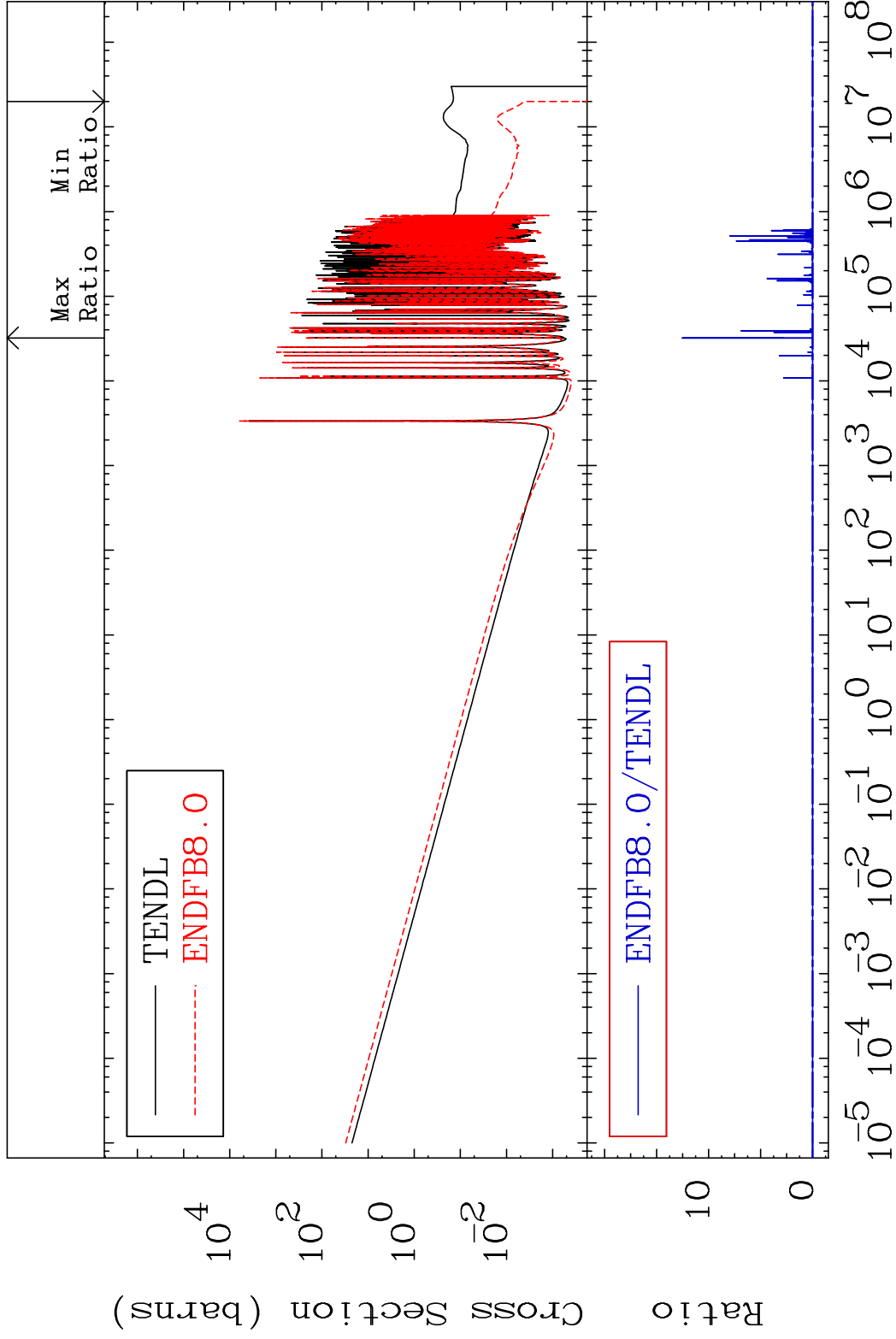
MAT 8231 Kerma fission (mt18 or mt19-20-21-38)82-Pb-206  
 Cross Section -9999. To 9999. %



MAT 8231

Kerma capture (mt102) 82-Pb-206

Cross Section -100.0 To 9999. %

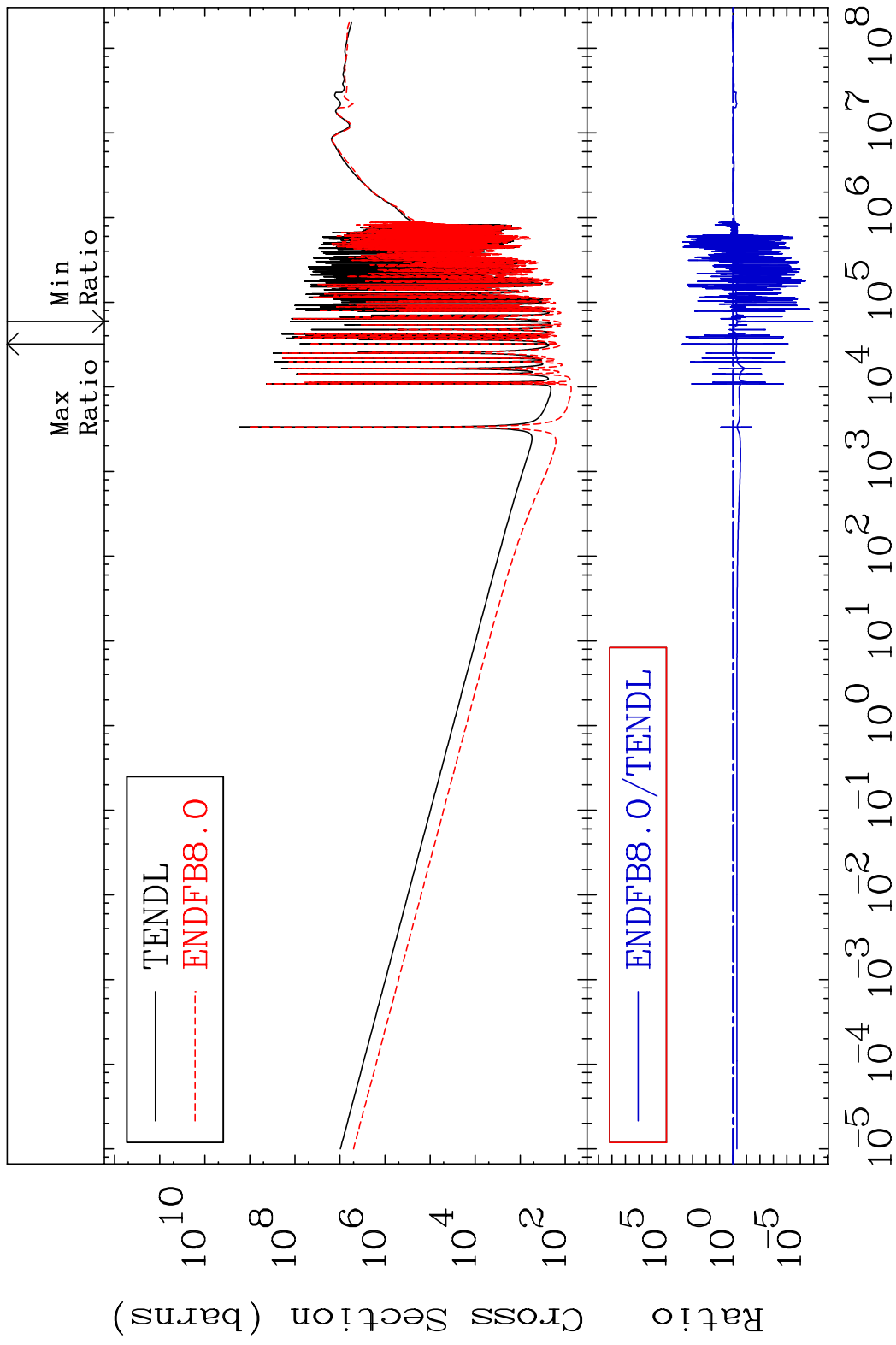


46

Incident Energy (eV)

82-Pb-206

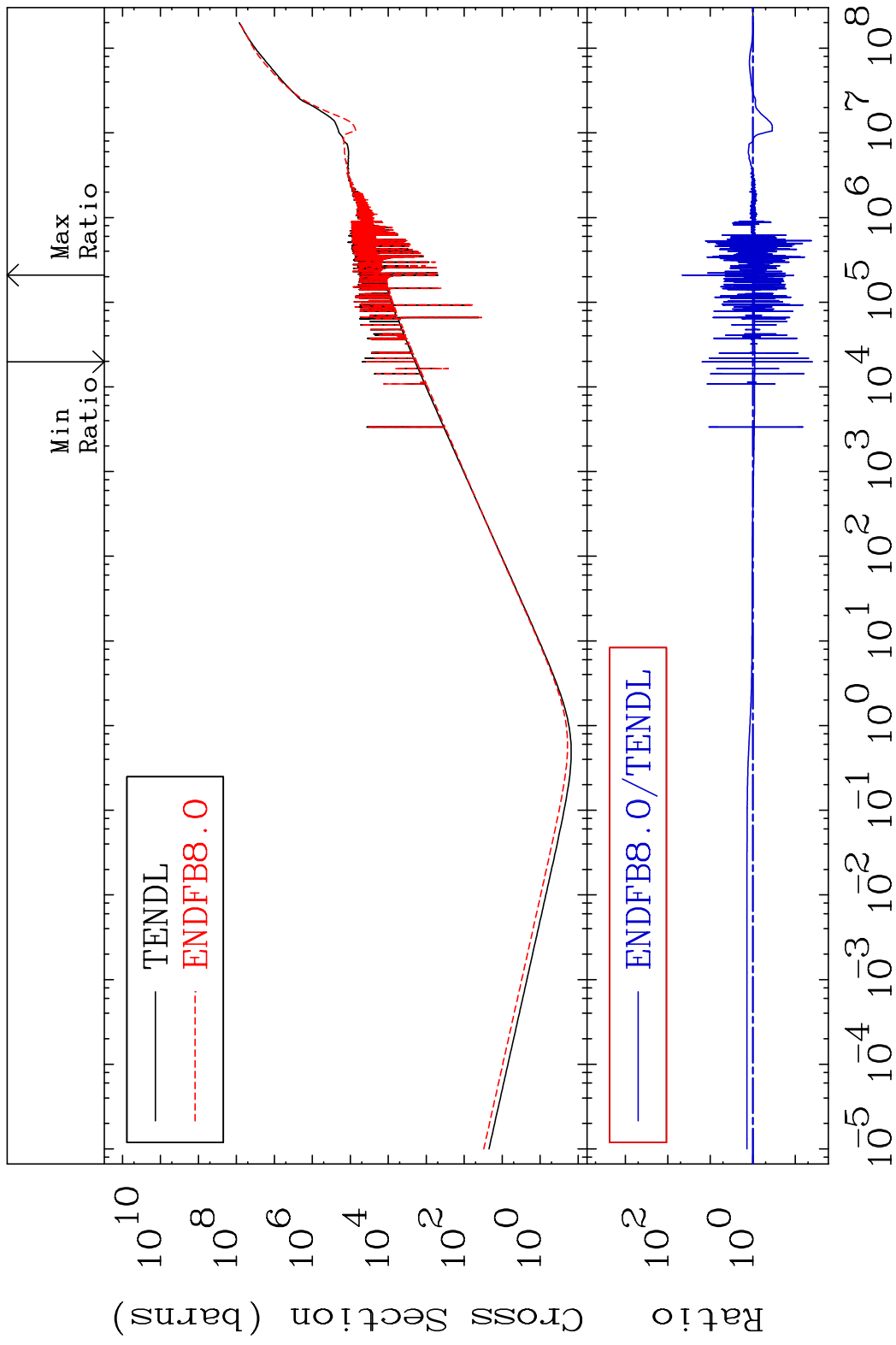
MAT 8231 Total photon (eV-barns) 82-Pb-206  
Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 82-Pb-206



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

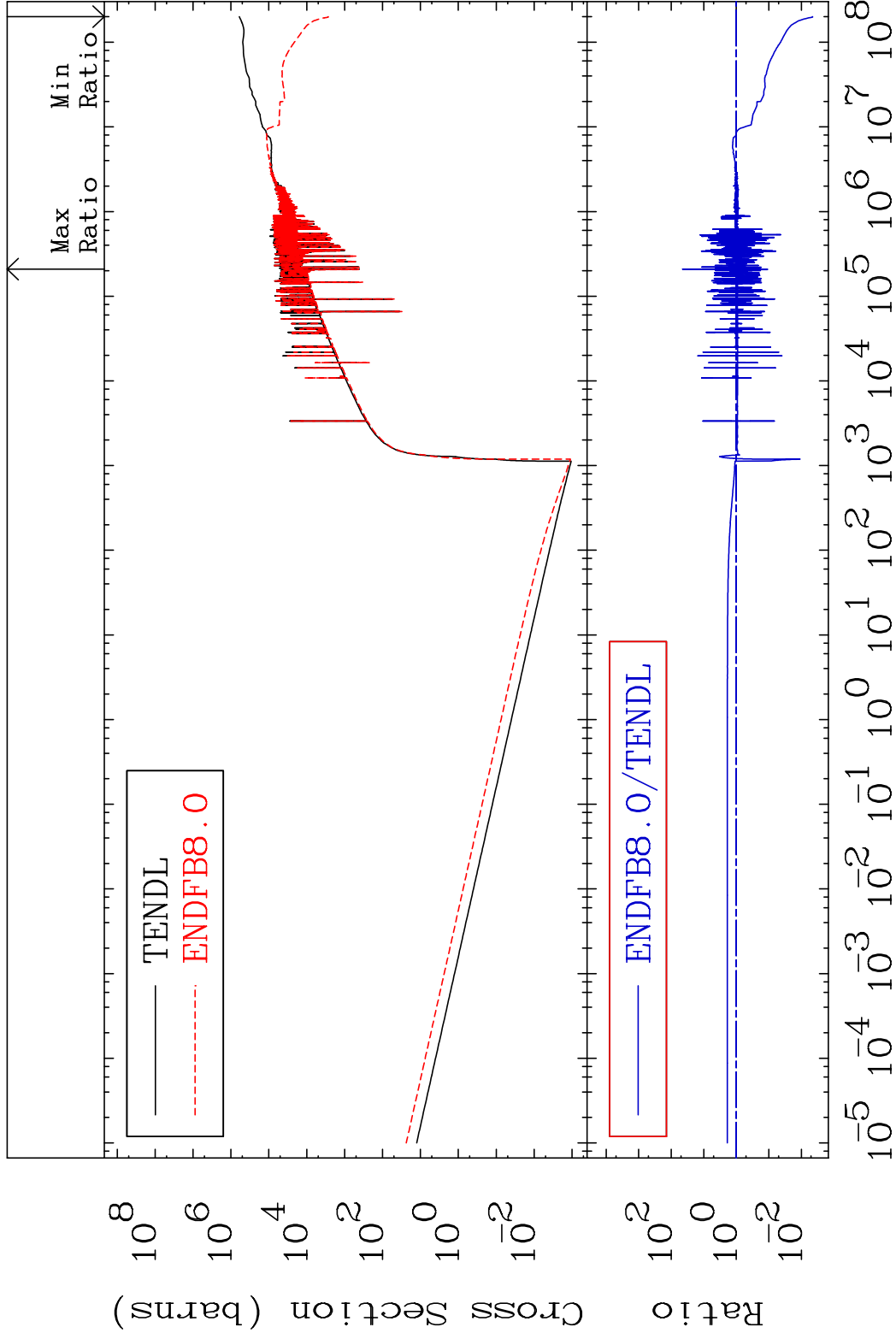


MAT 8231

Dpa total (eV-barns)

82-Pb-206

Cross Section -99.55 To 4442. %



49

Incident Energy (eV)

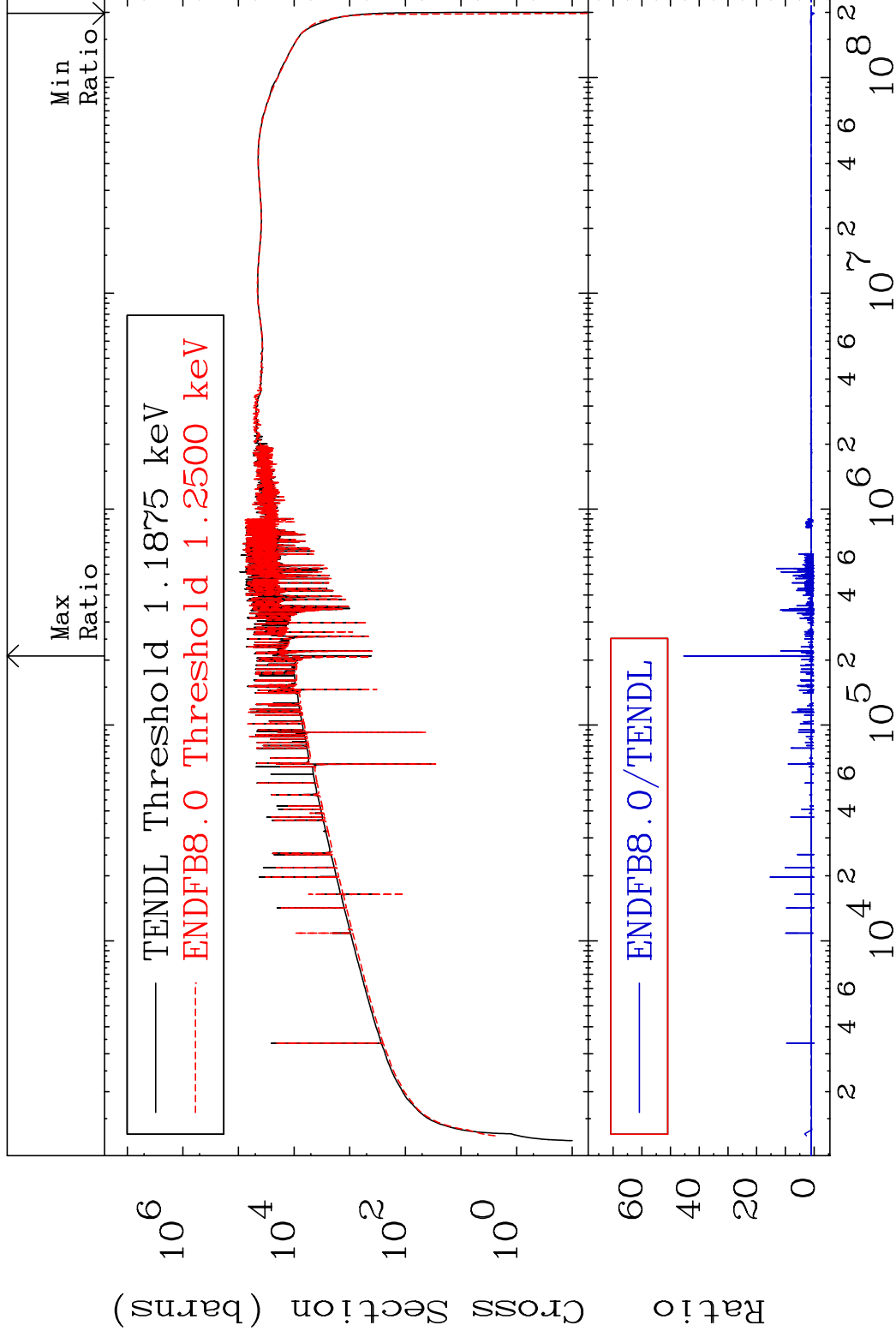
82-Pb-206

MAT 8231

Dpa elastic (mt2)

82-Pb-206

Cross Section -100.0 To 4443. %

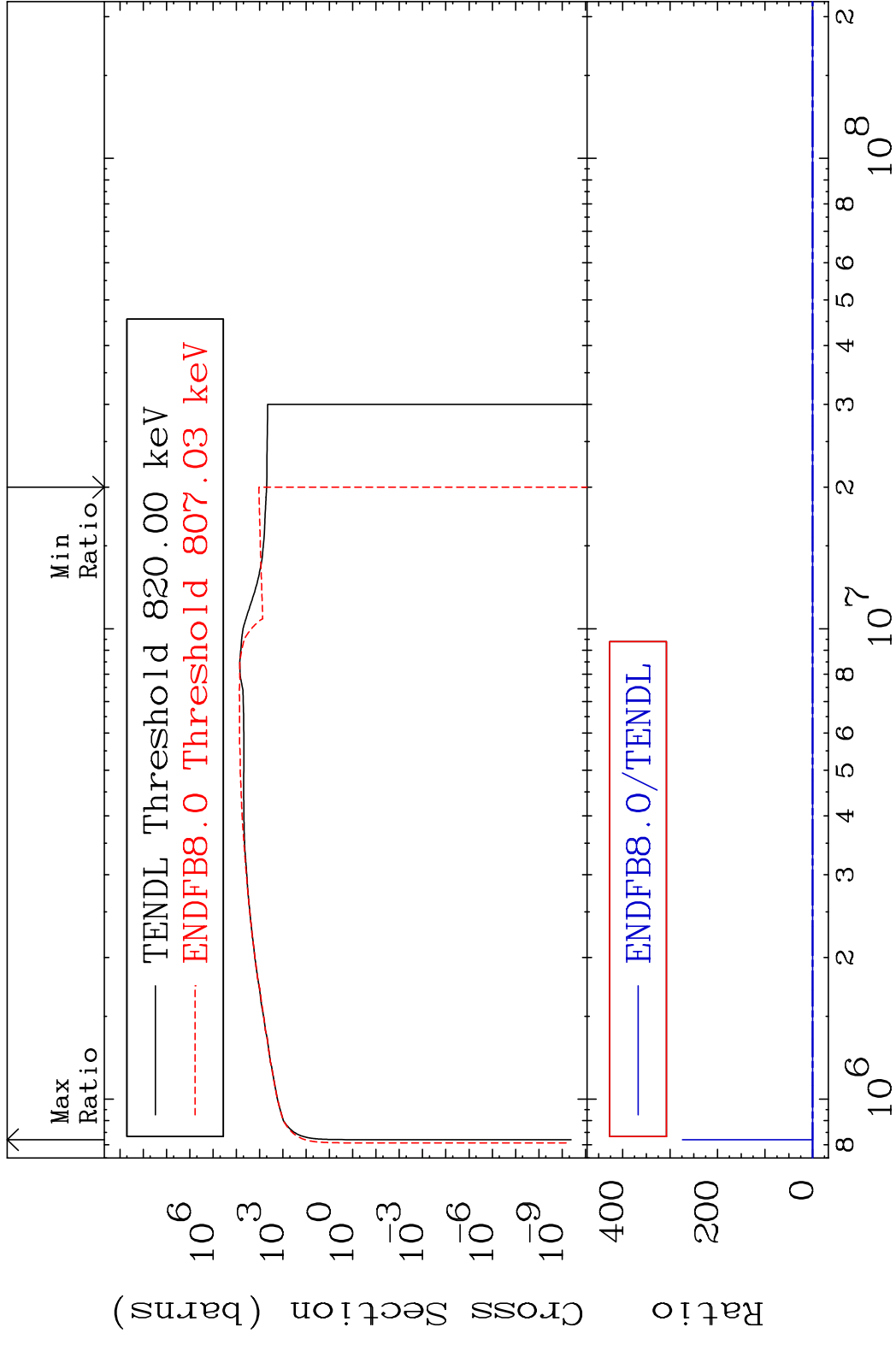


50

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 9999. %

