

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

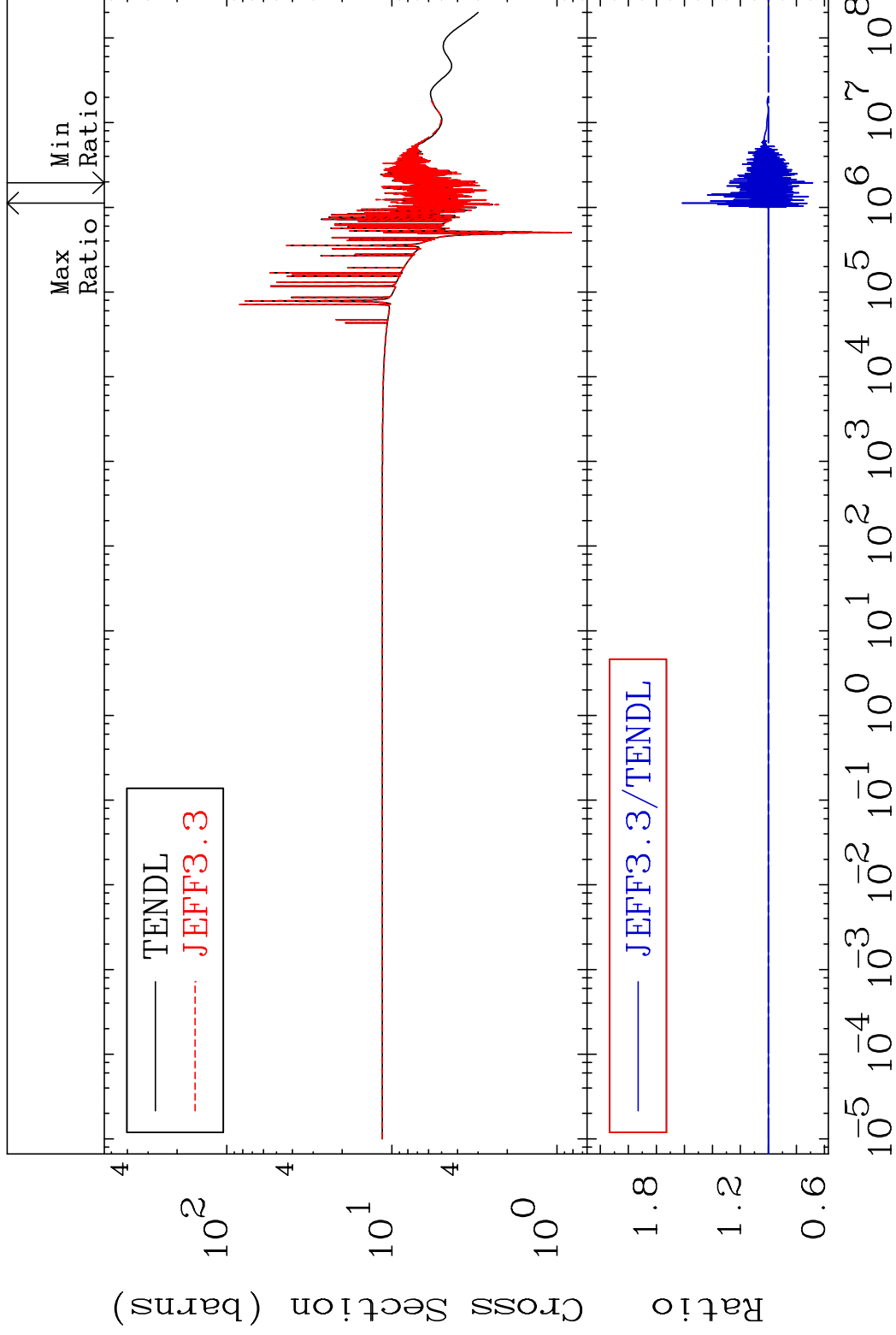
MAT 8237

Total

82-Pb-208

Cross Section

-31.50 To 61.44 %



1

Incident Energy (eV)

82-Pb-208

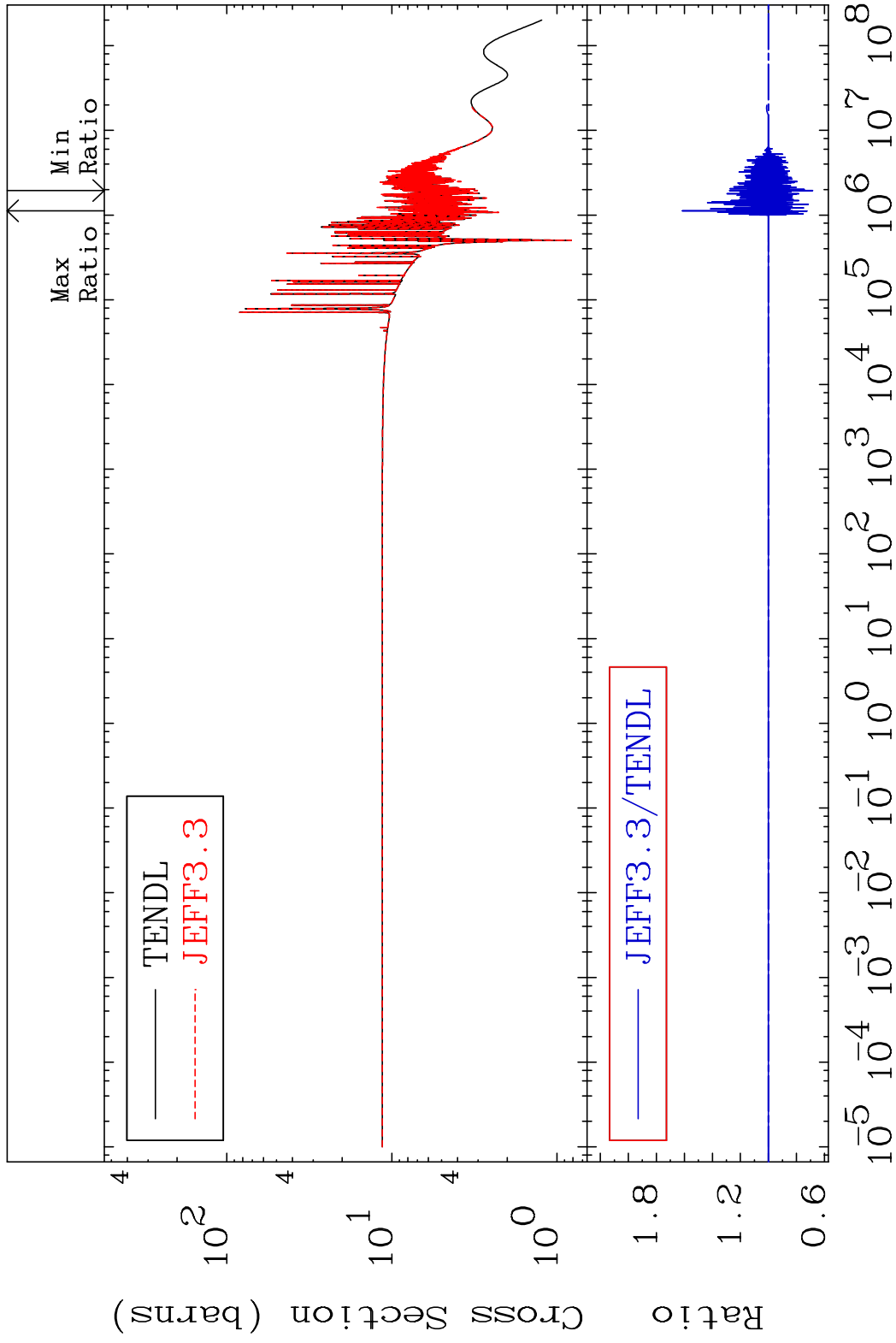
MAT 8237

Elastic

82-Pb-208

Cross Section

-31.50 To 61.45 %



2

Incident Energy (eV)

82-Pb-208

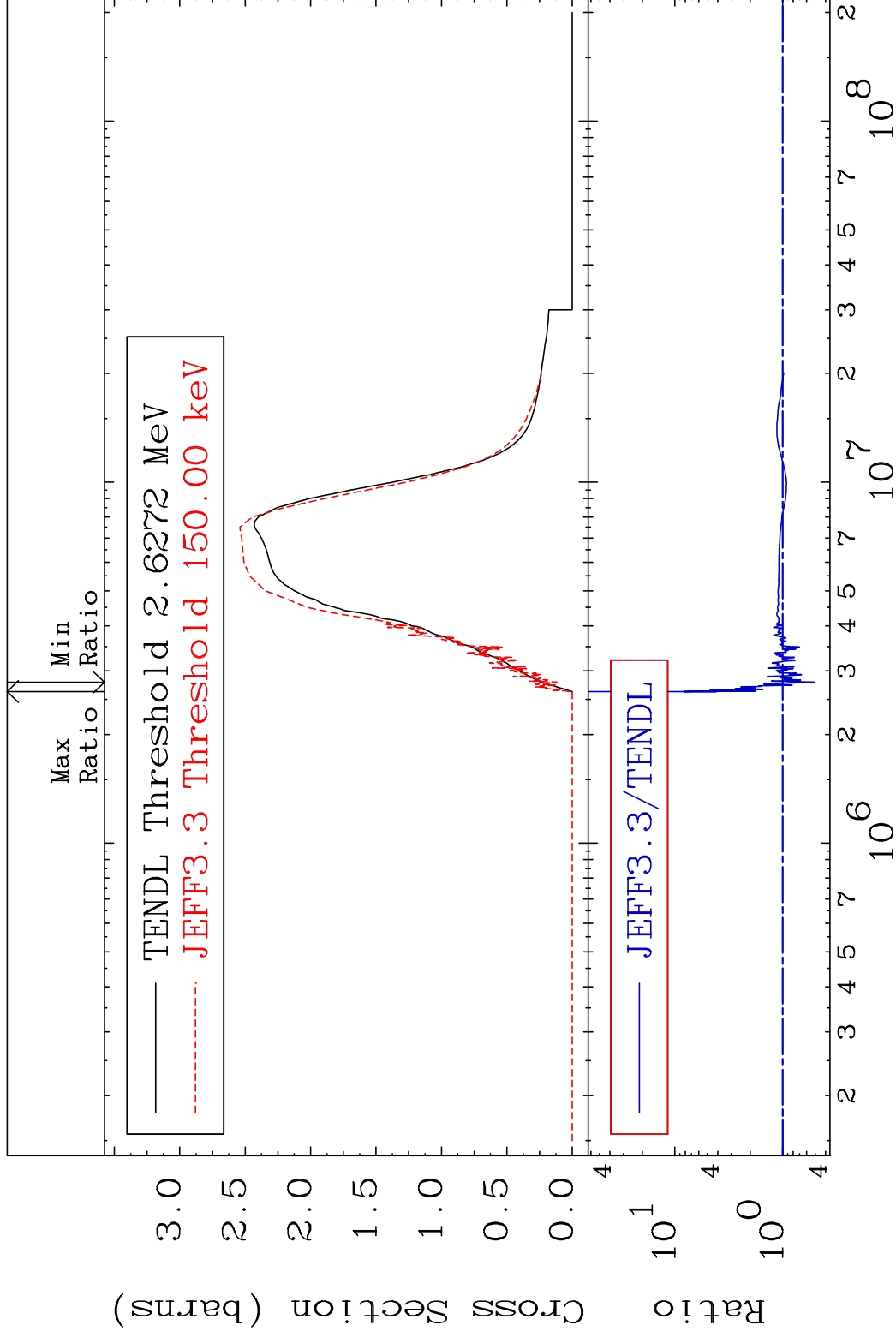
MAT 8237

Inelastic

82-Pb-208

Cross Section

-48.82 To 728.3 %

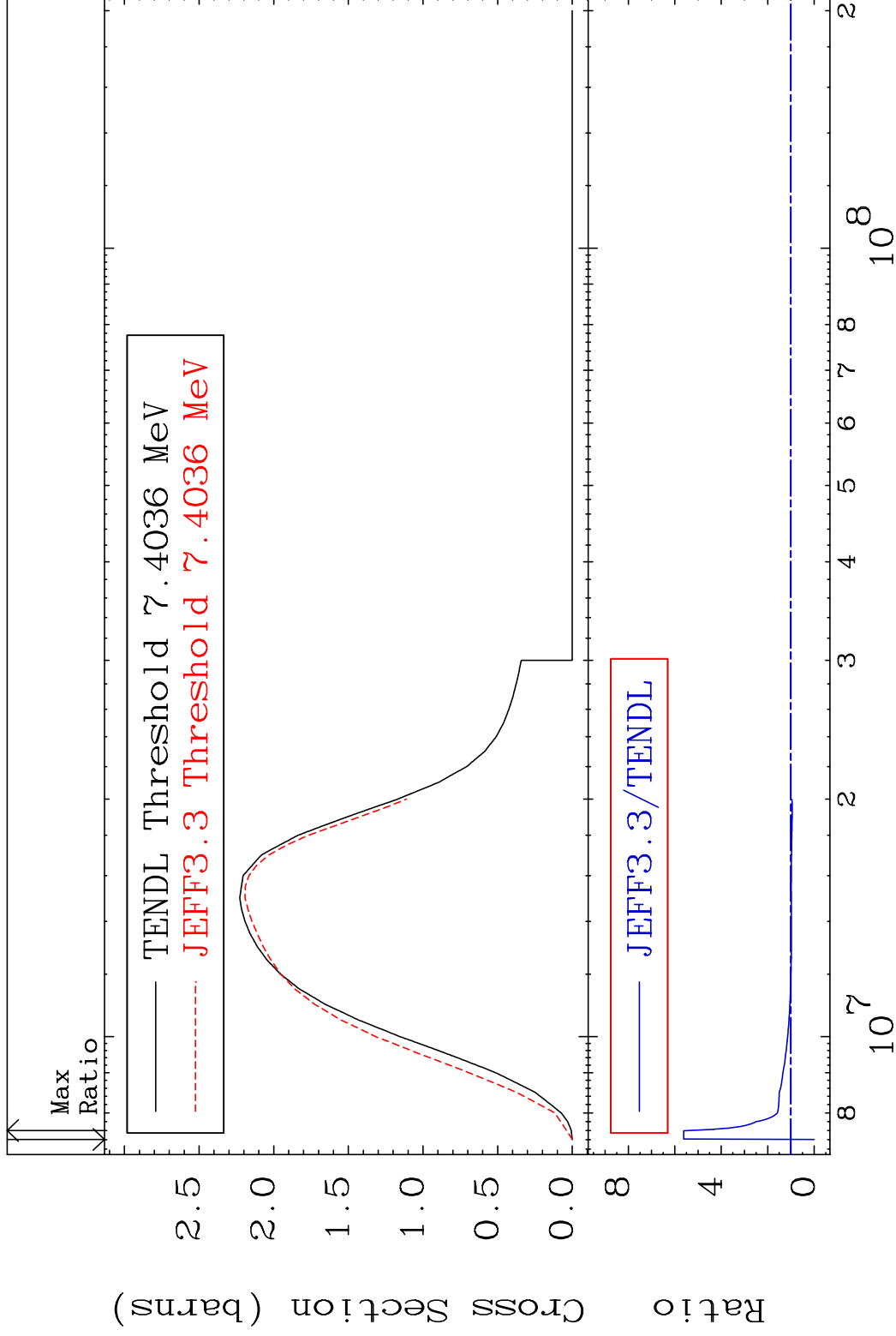


MAT 8237

(n,2n)

82-Pb-208

Cross Section -100.0 To 461.8 %



4

Incident Energy (eV)

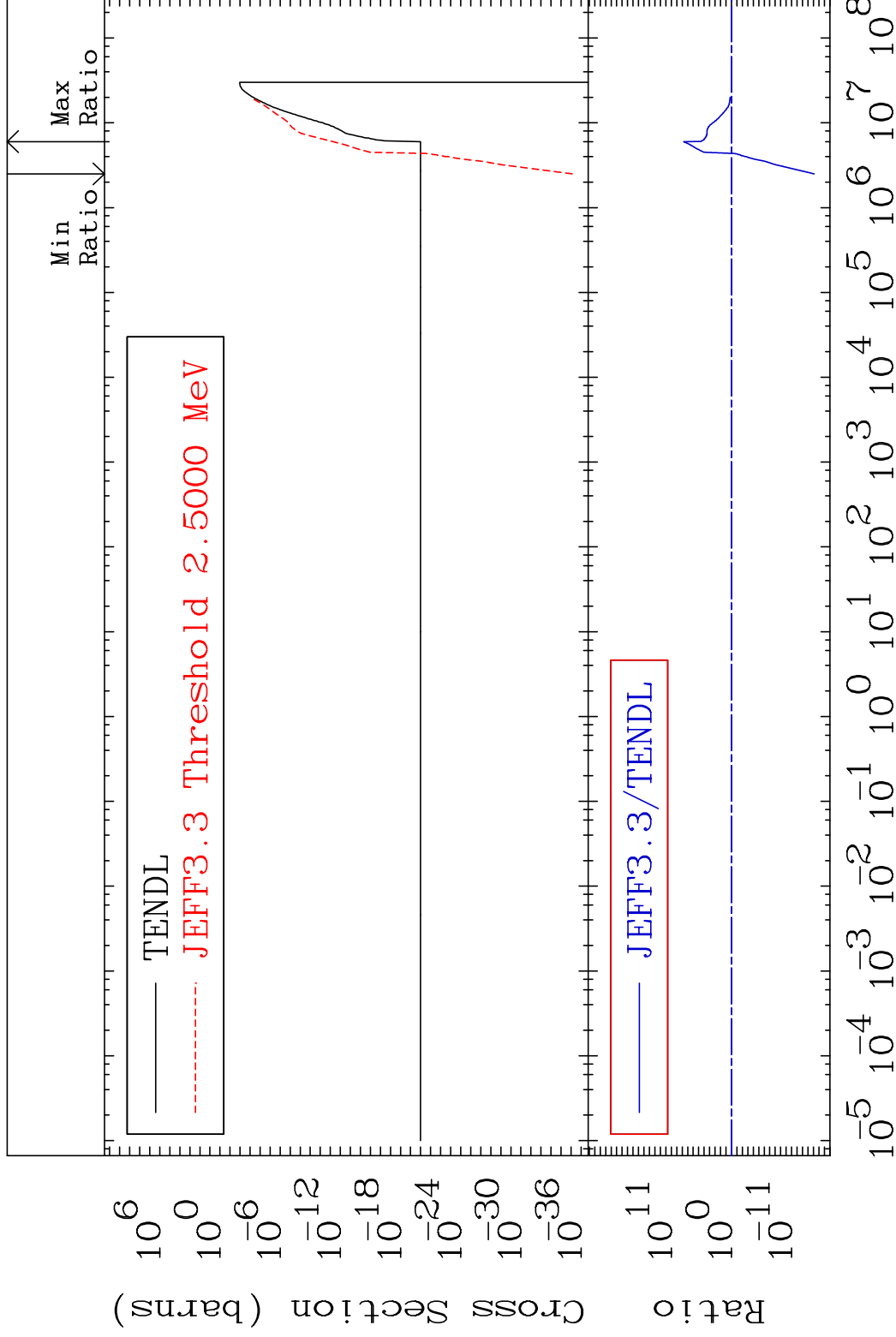
82-Pb-208

MAT 8237

(n, n') α

82-Pb-208

Cross Section -100.0 To 9999. %

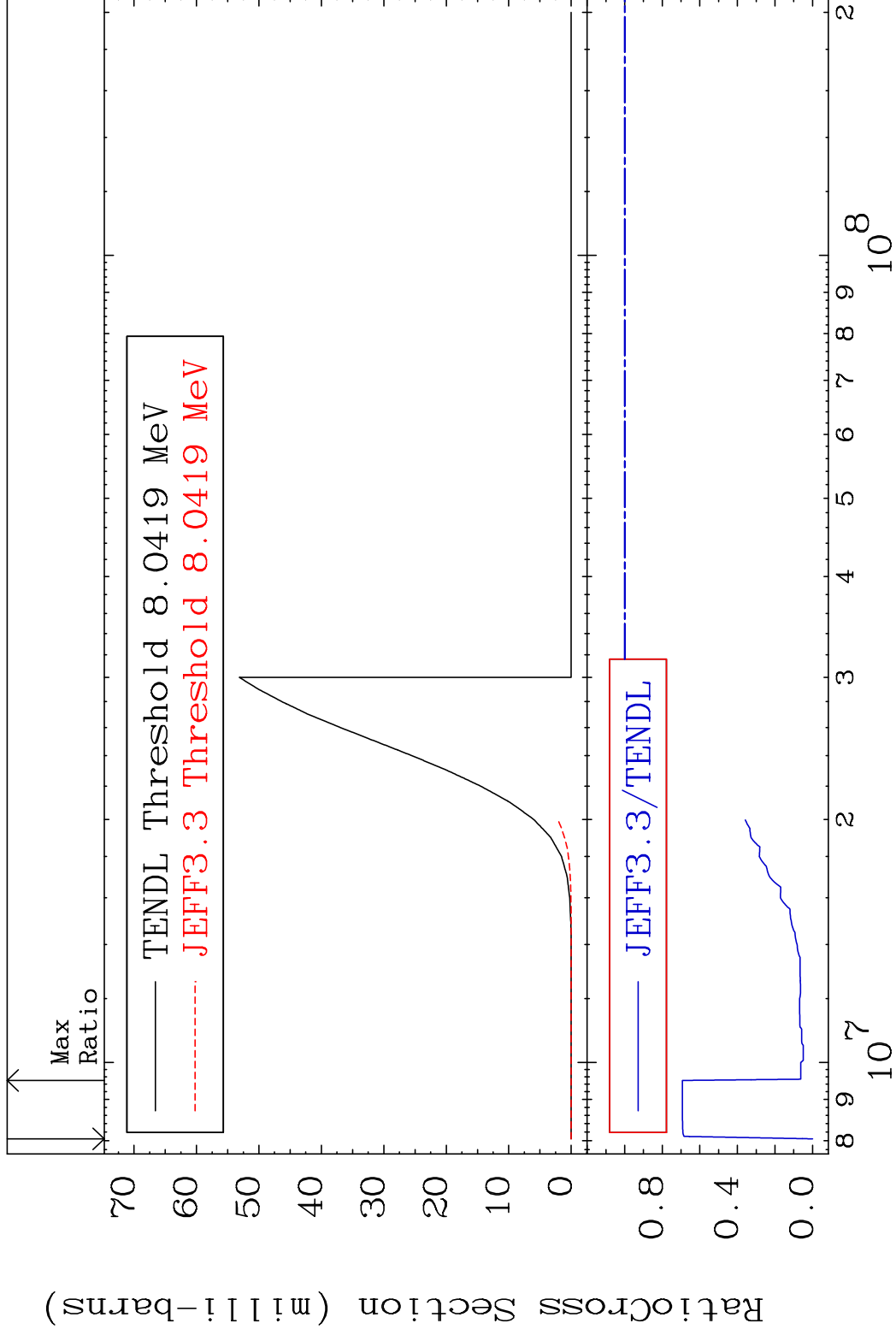


MAT 8237

(n, n') p

82-Pb-208

Cross Section -100.0 To -30.70%

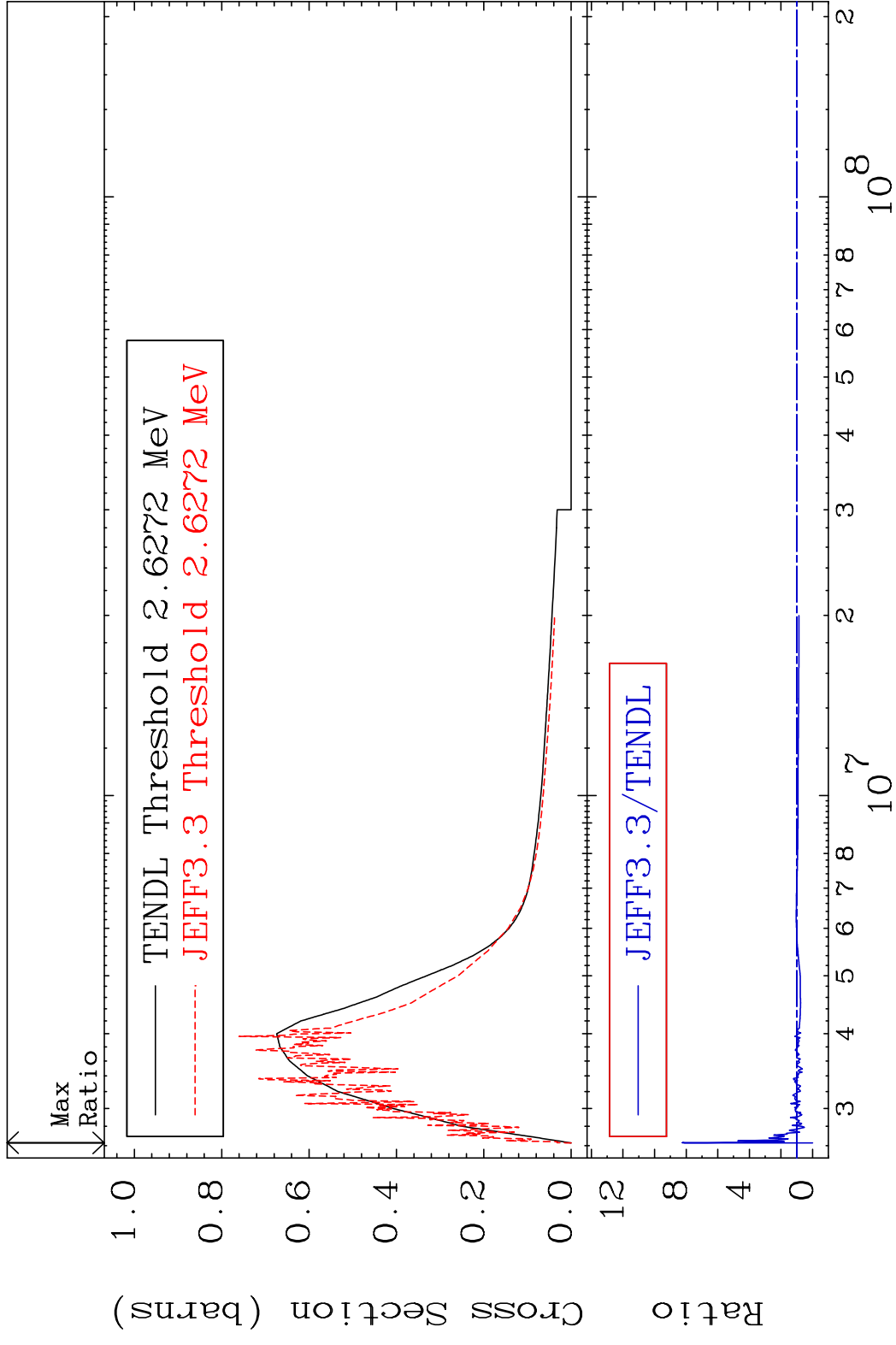


7

Incident Energy (eV)

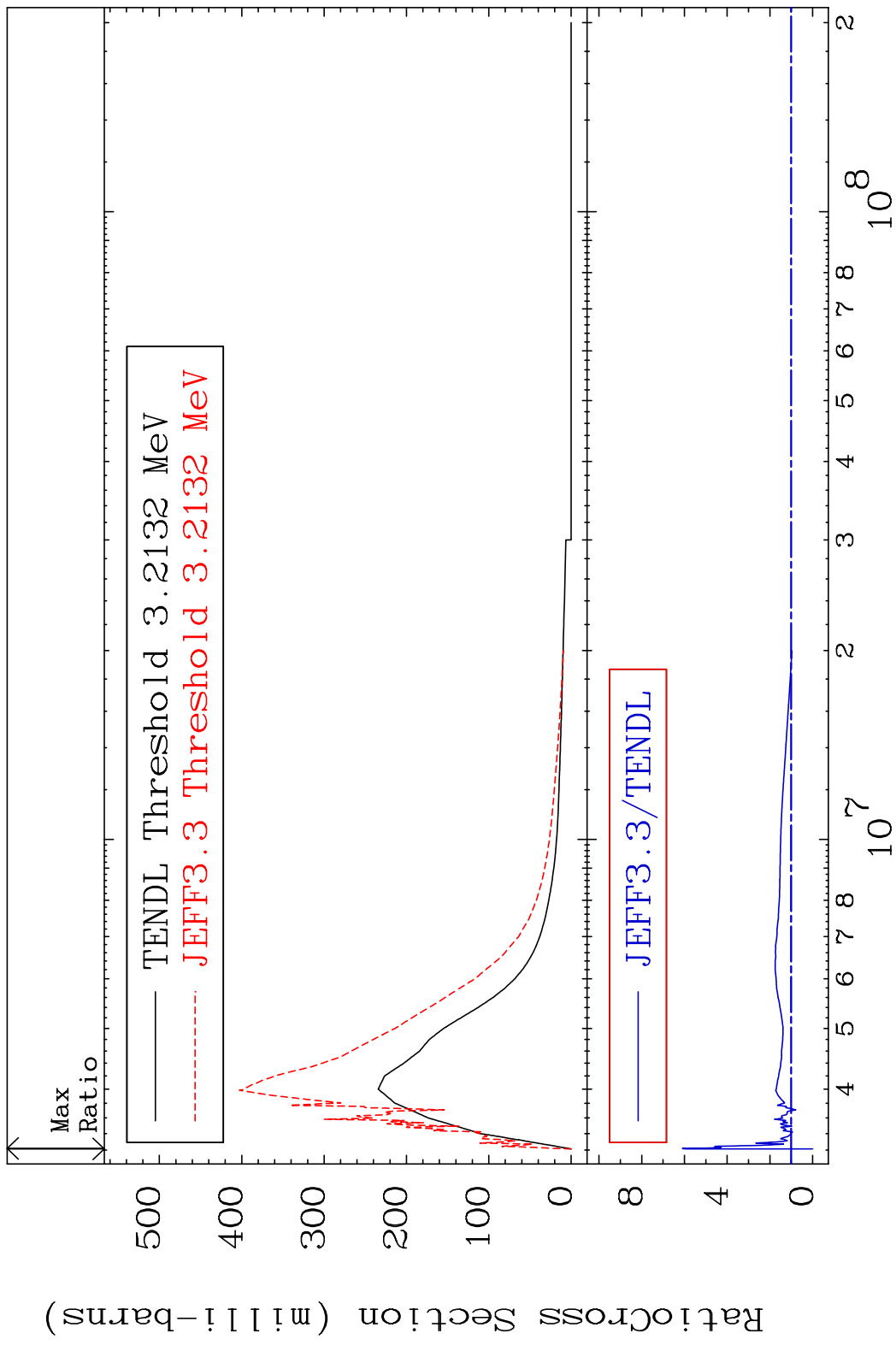
82-Pb-208

MAT 8237 MT= 51 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 724.1 %

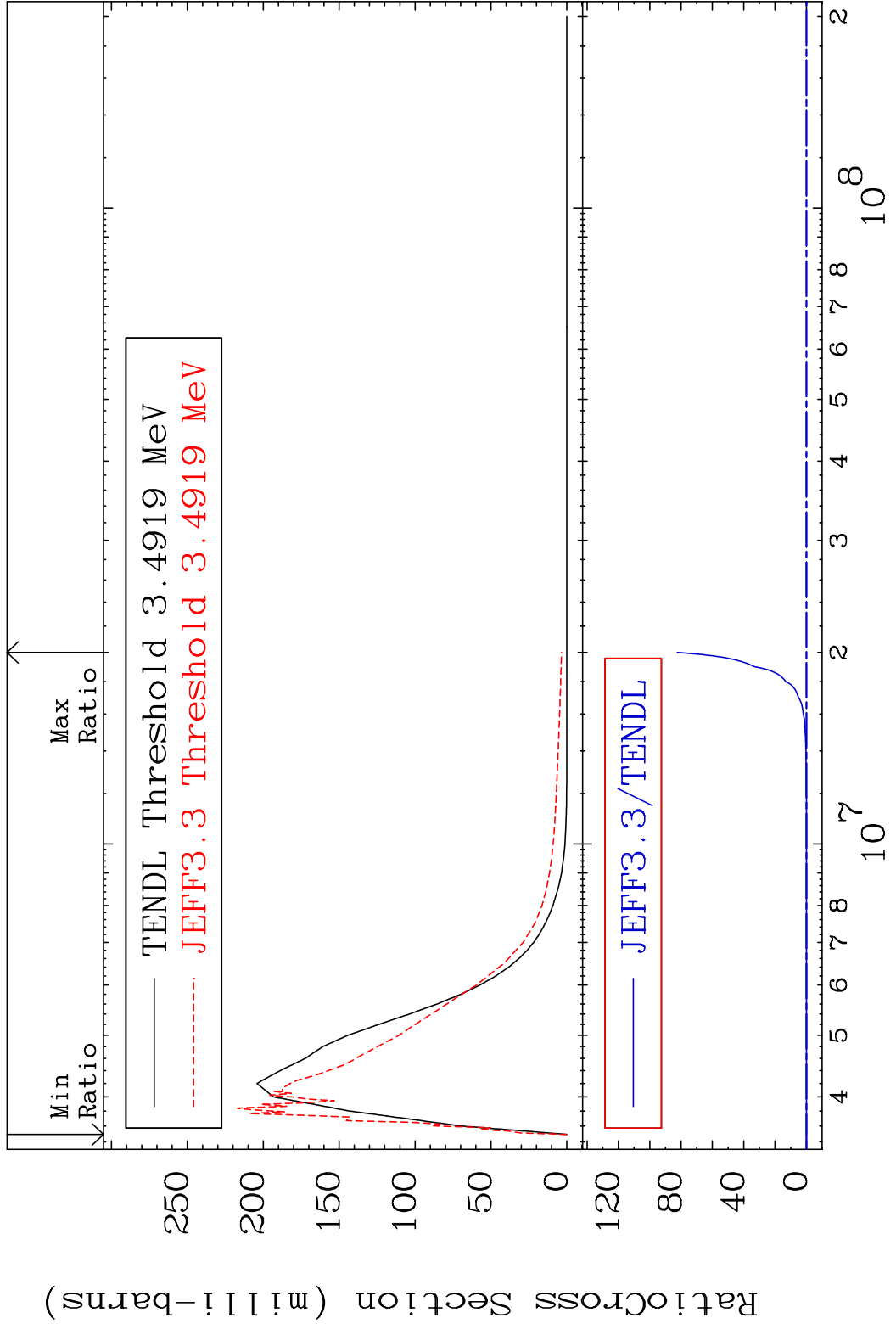


8 Incident Energy (eV) 82-Pb-208

MAT 8237 MT= 52 (n,n') Level 82-Pb-208
 Cross Section -100.0 To 509.7 %



MAT 8237 MT= 53 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %



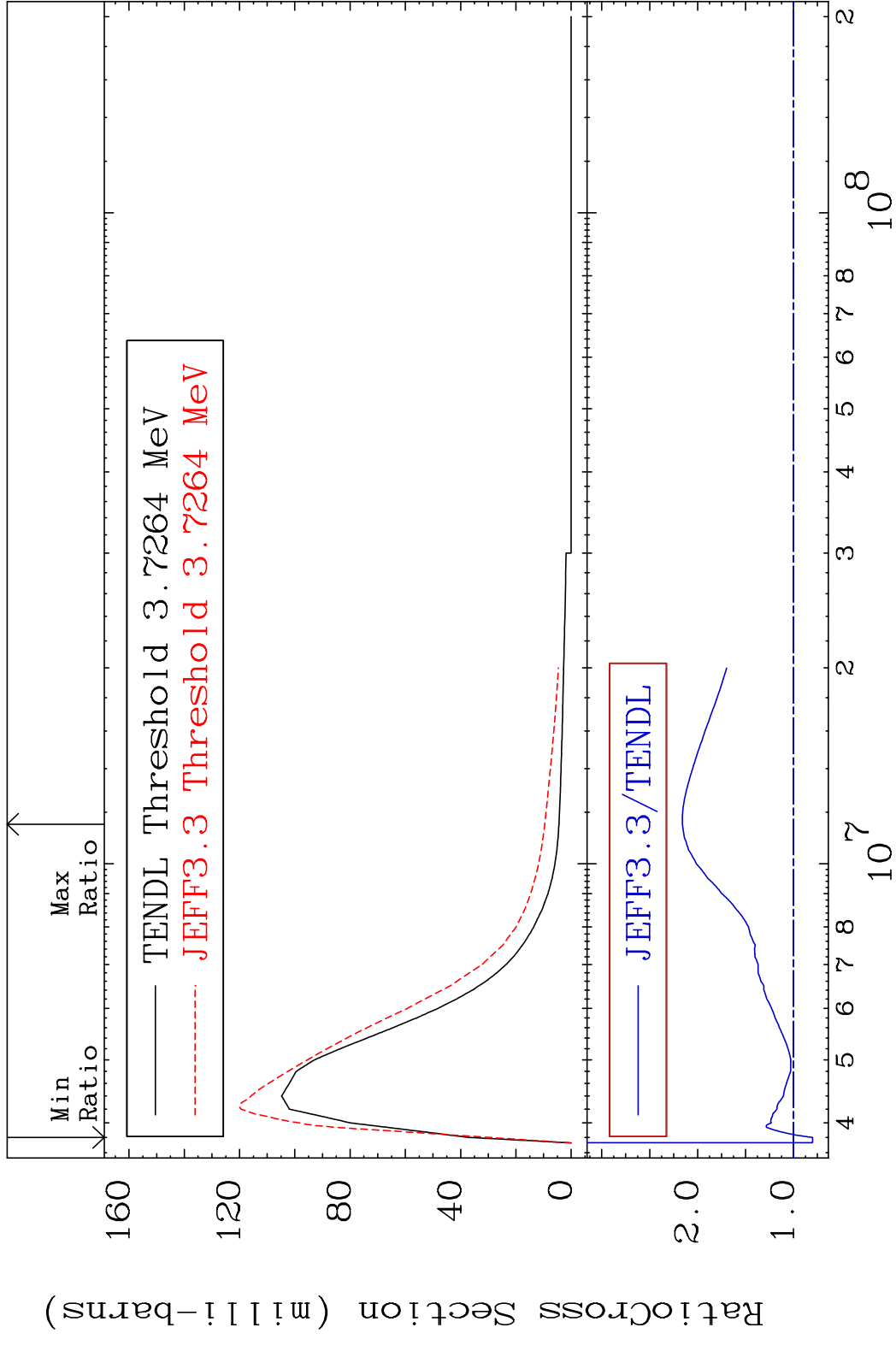
10 Incident Energy (eV) 82-Pb-208

MAT 8237

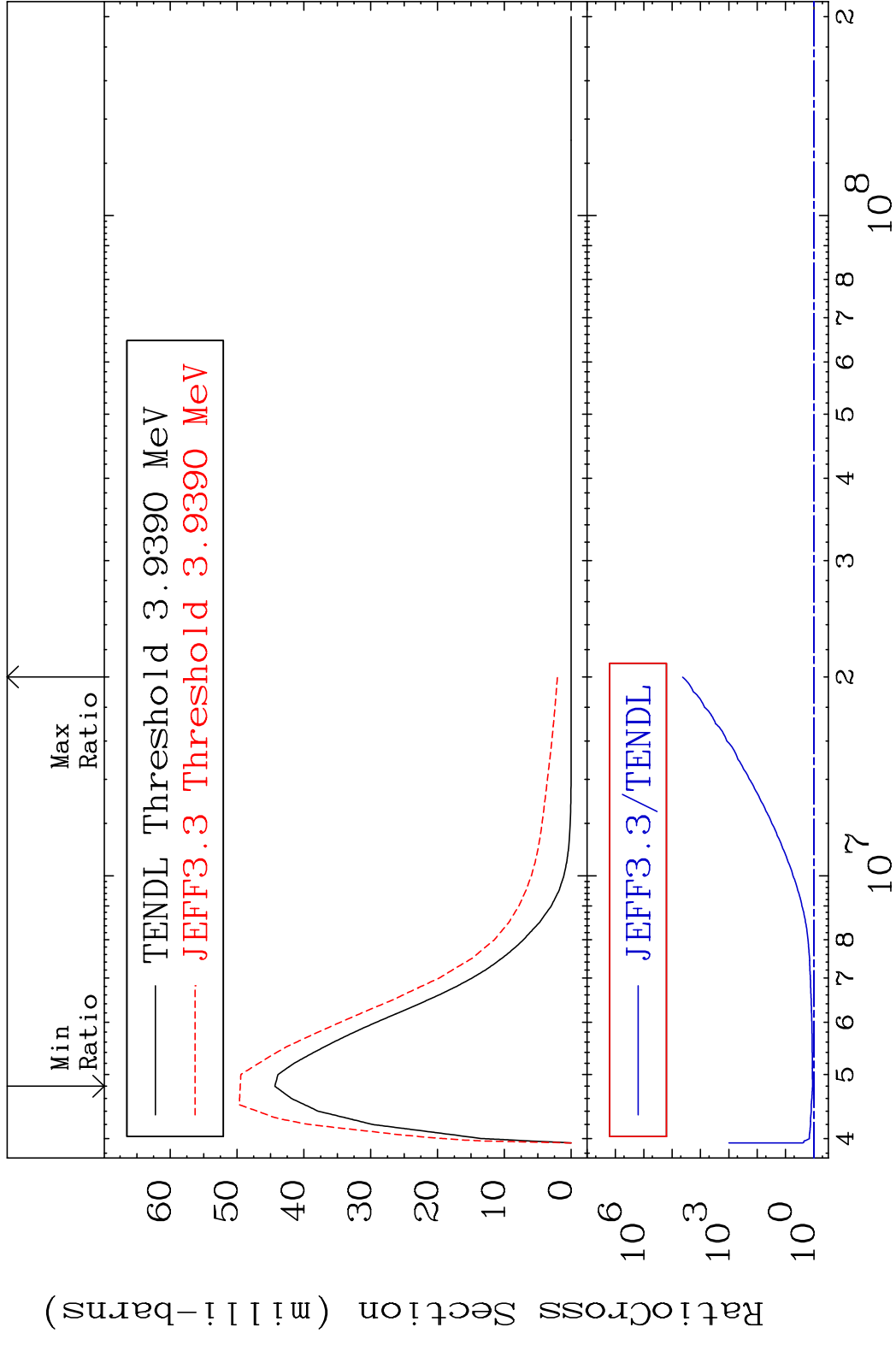
MT= 54 (n, n') Level

82-Pb-208

Cross Section -19.91 To 115.9 %



MAT 8237 MT= 55 (n,n') Level 82-Pb-208
 Cross Section 11.66 To 9999. %

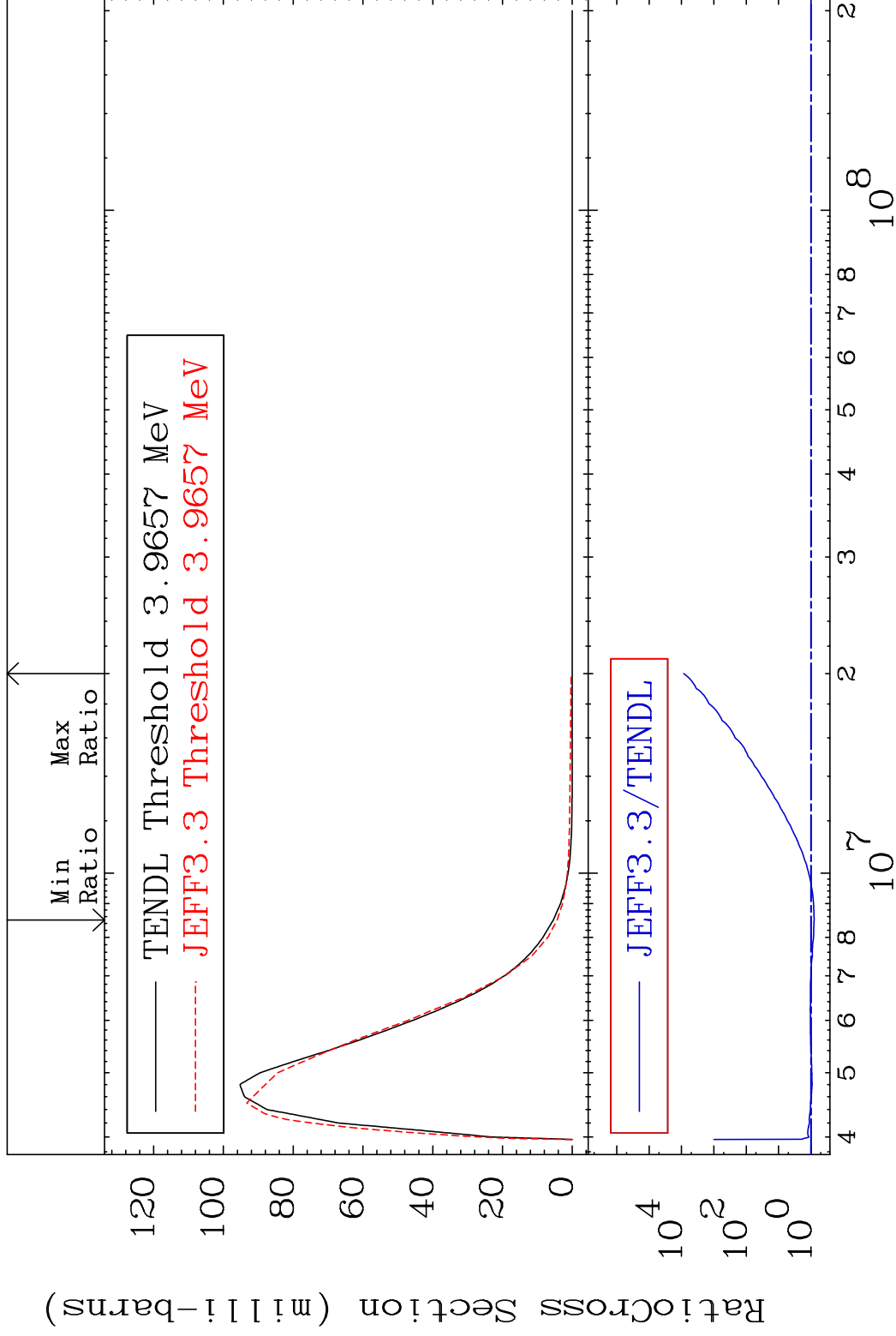


MAT 8237

MT= 56 (n, n') Level

82-Pb-208

Cross Section -20.16 To 9999. %



13

Incident Energy (eV)

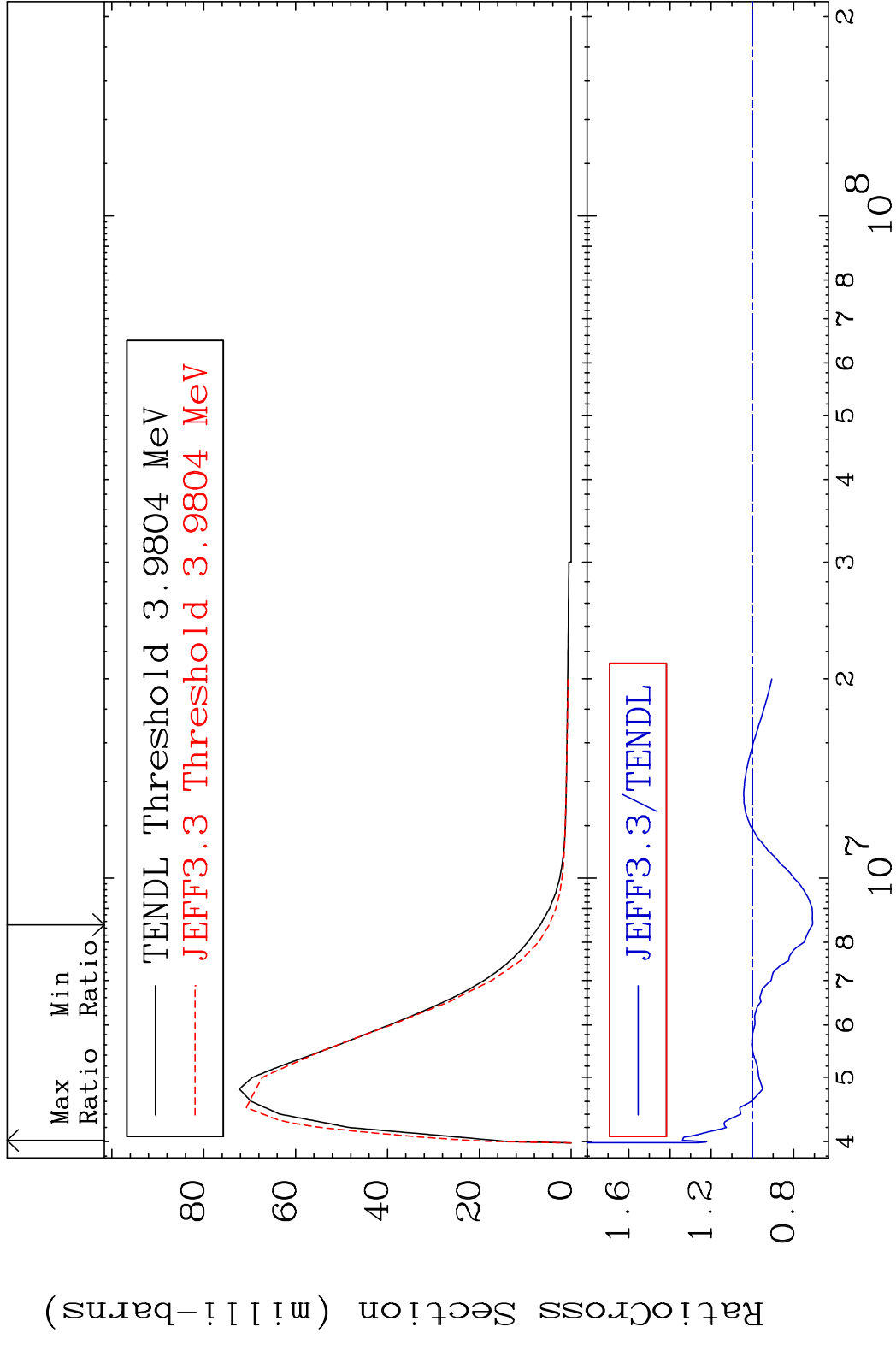
82-Pb-208

MAT 8237

MT= 57 (n, n') Level

82-Pb-208

Cross Section -29.14 To 34.00 %

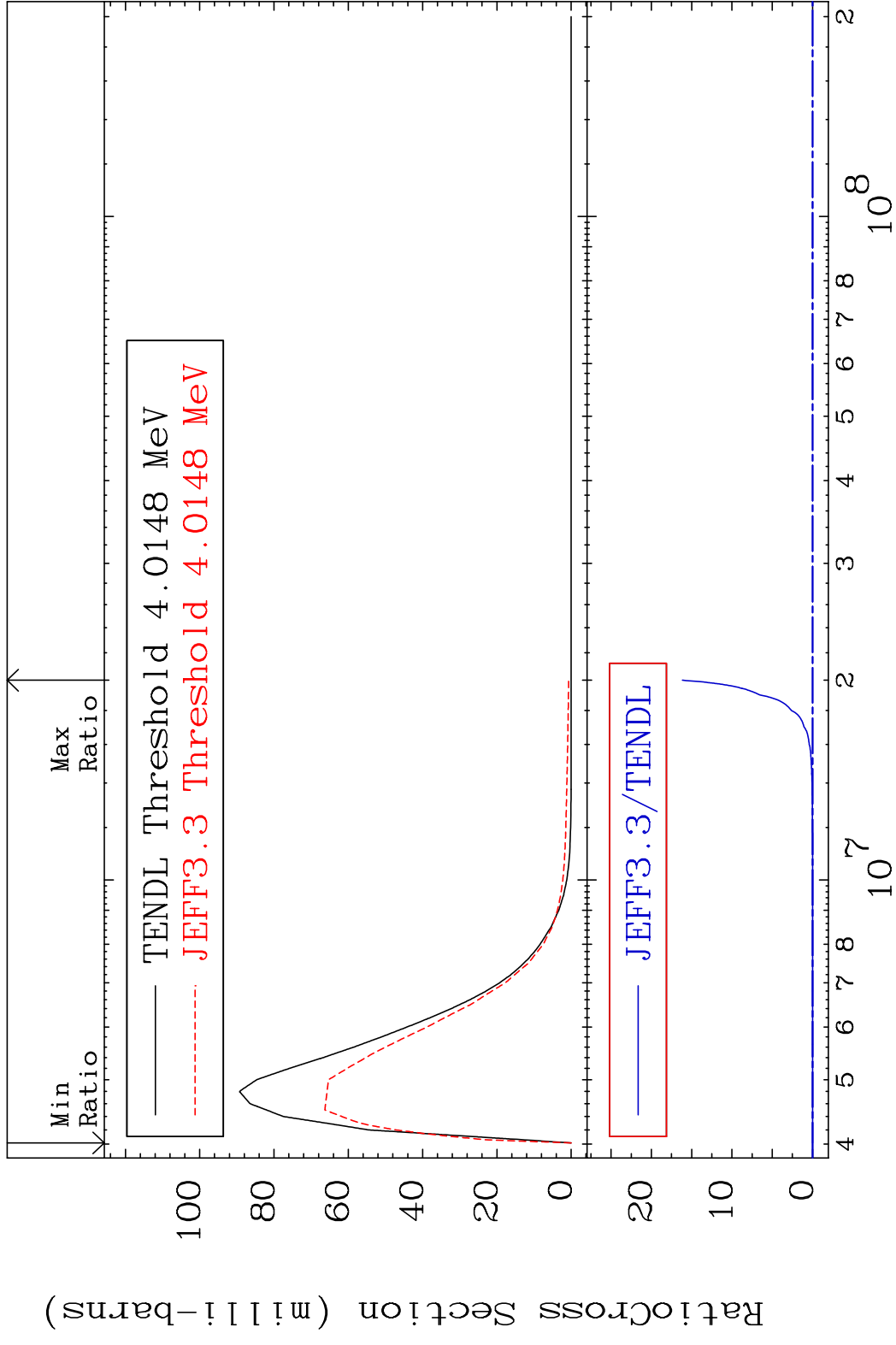


MAT 8237

MT= 58 (n, n') Level

82-Pb-208

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

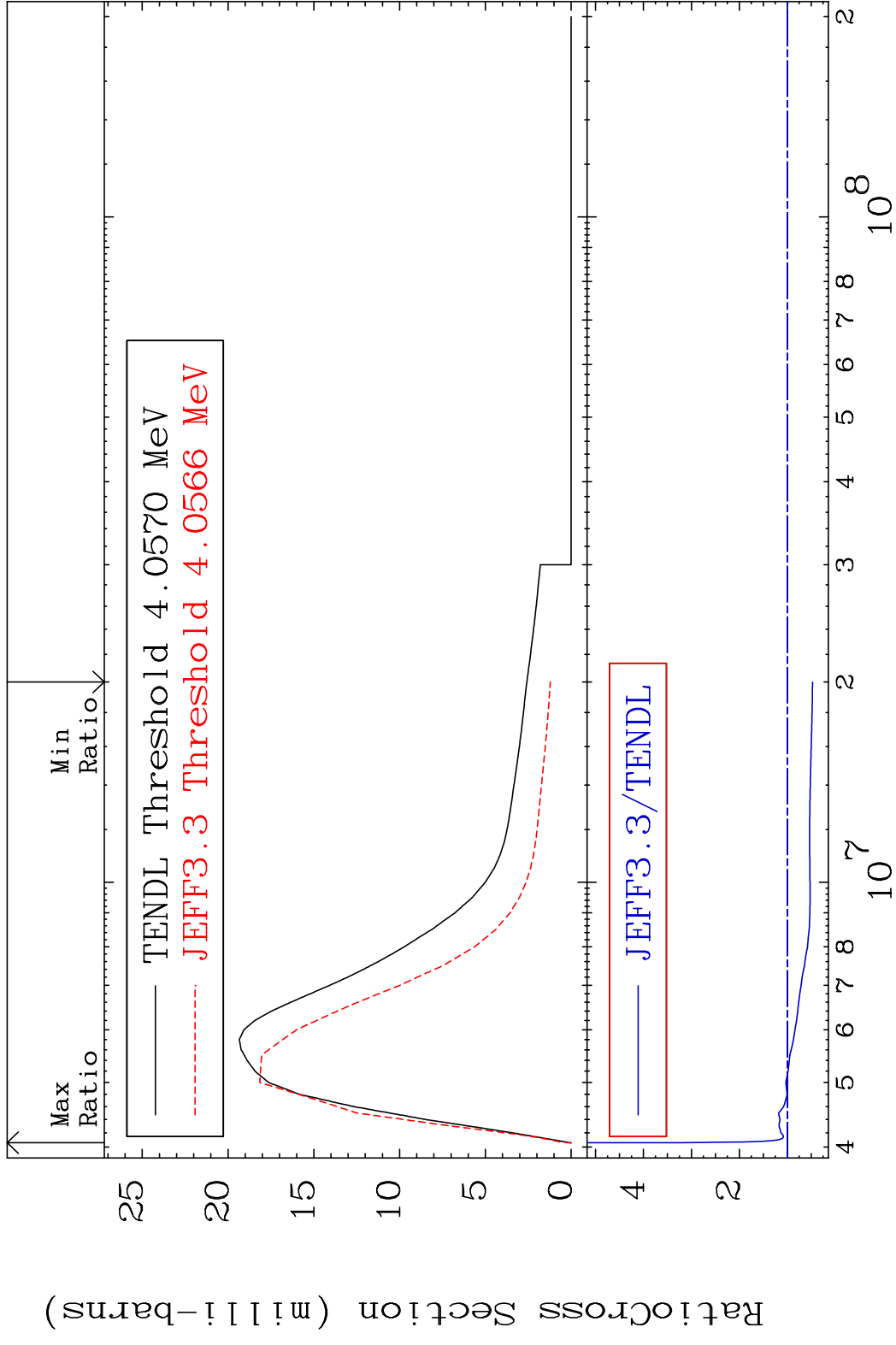
82-Pb-208

MAT 8237

MT= 59 (n, n') Level

82-Pb-208

Cross Section -52.86 To 218.9 %

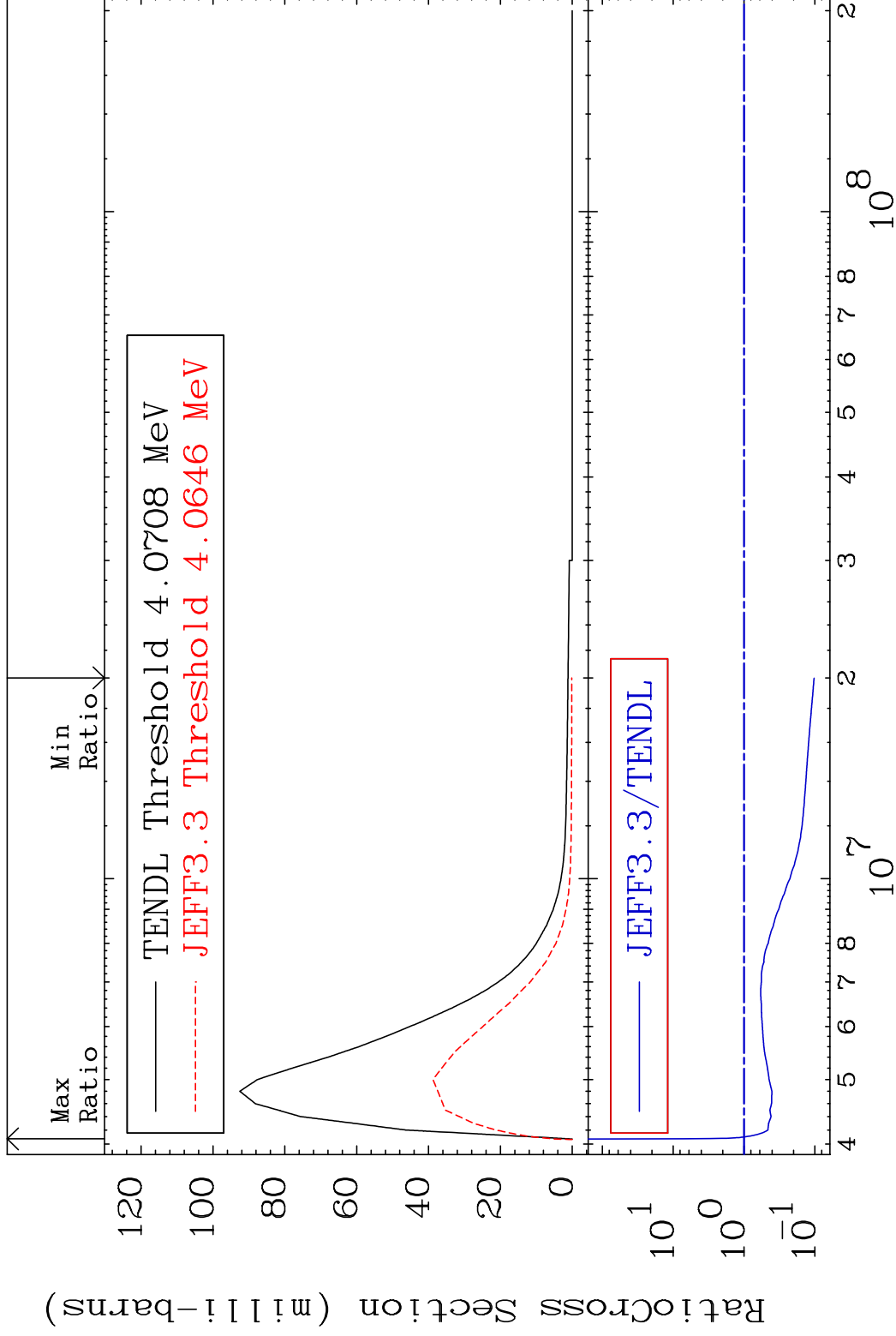


MAT 8237

MT= 60 (n, n') Level

82-Pb-208

Cross Section -89.76 To 612.1 %



17

Incident Energy (eV)

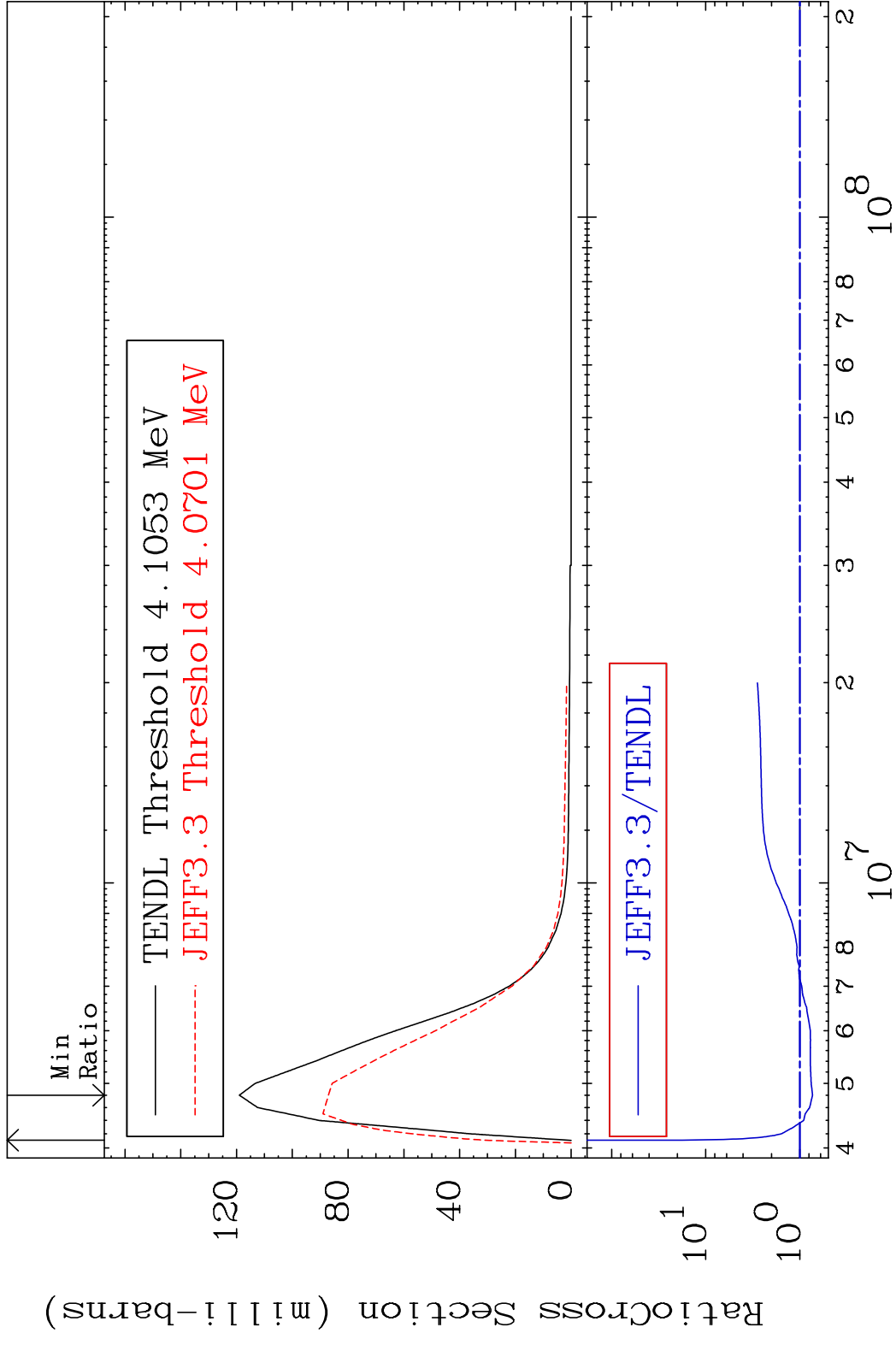
82-Pb-208

MAT 8237

MT= 61 (n, n') Level

82-Pb-208

Cross Section -26.86 To 1671. %

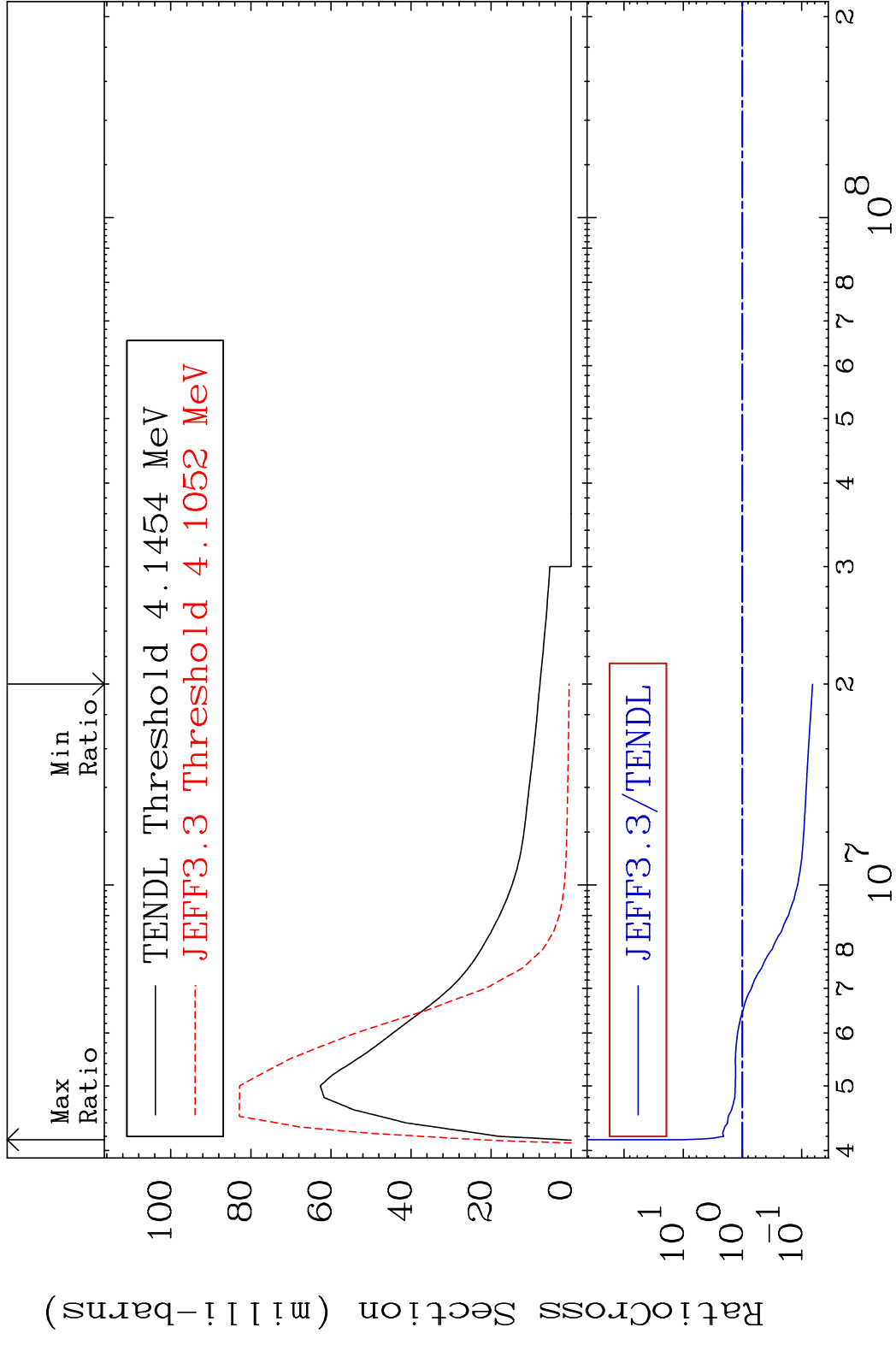


MAT 8237

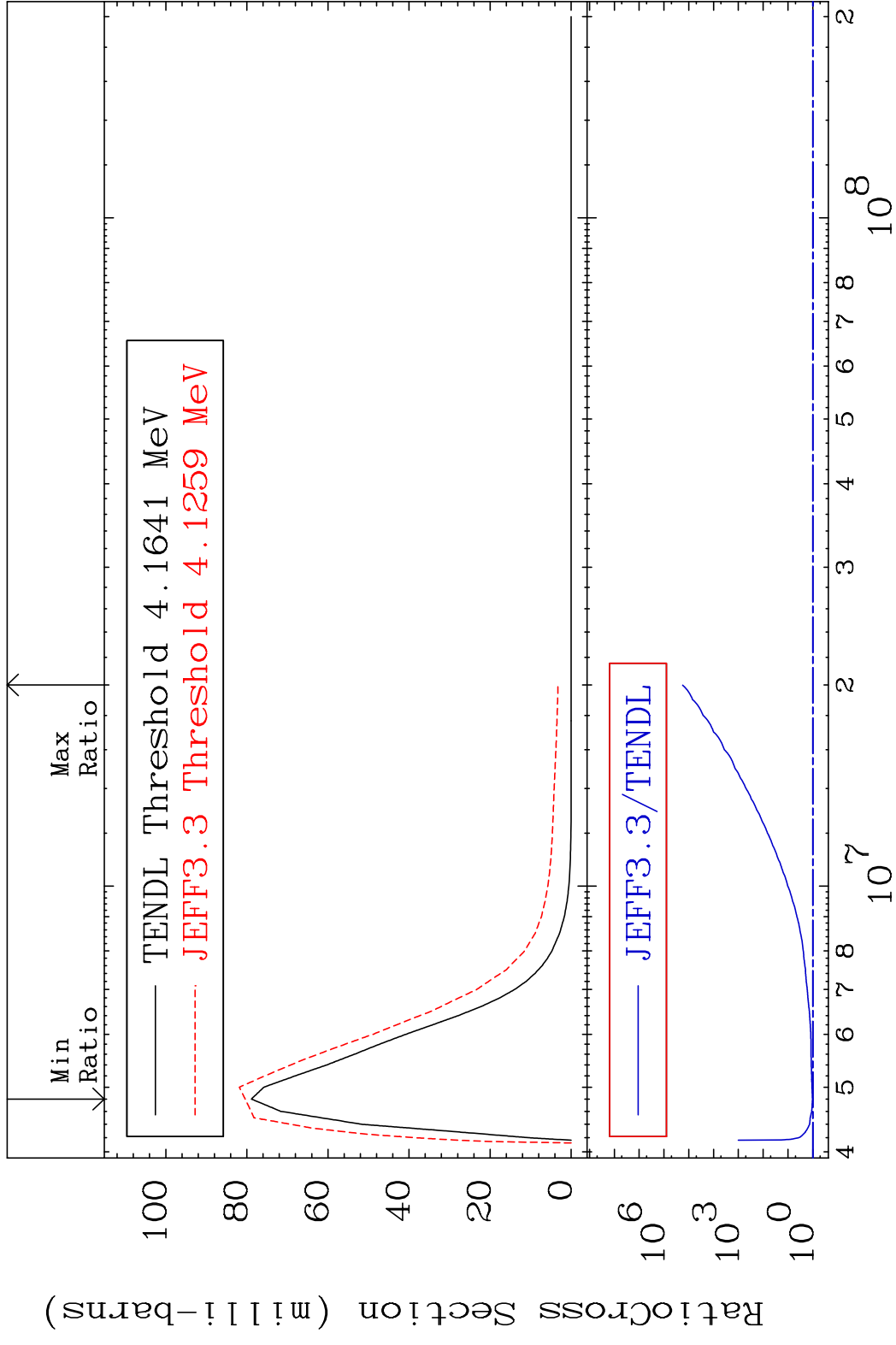
MT= 62 (n, n') Level

82-Pb-208

Cross Section -93.48 To 934.5 %



MAT 8237 MT= 63 (n, n') Level 82-Pb-208
 Cross Section 1.929 To 9999. %



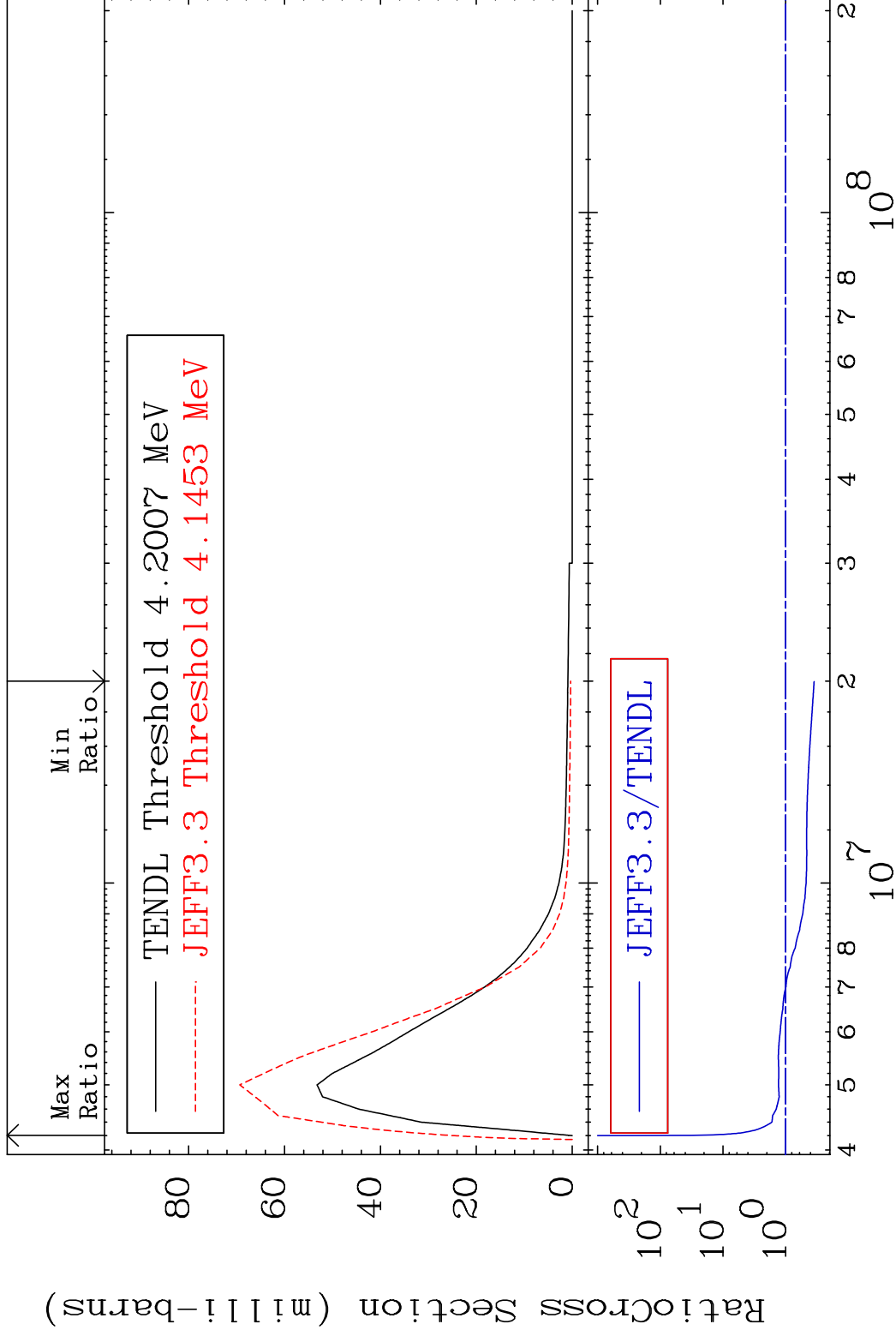
20 Incident Energy (eV) 82-Pb-208

MAT 8237

MT= 64 (n, n') Level

82-Pb-208

Cross Section -64.82 To 4138. %



21

Incident Energy (eV)

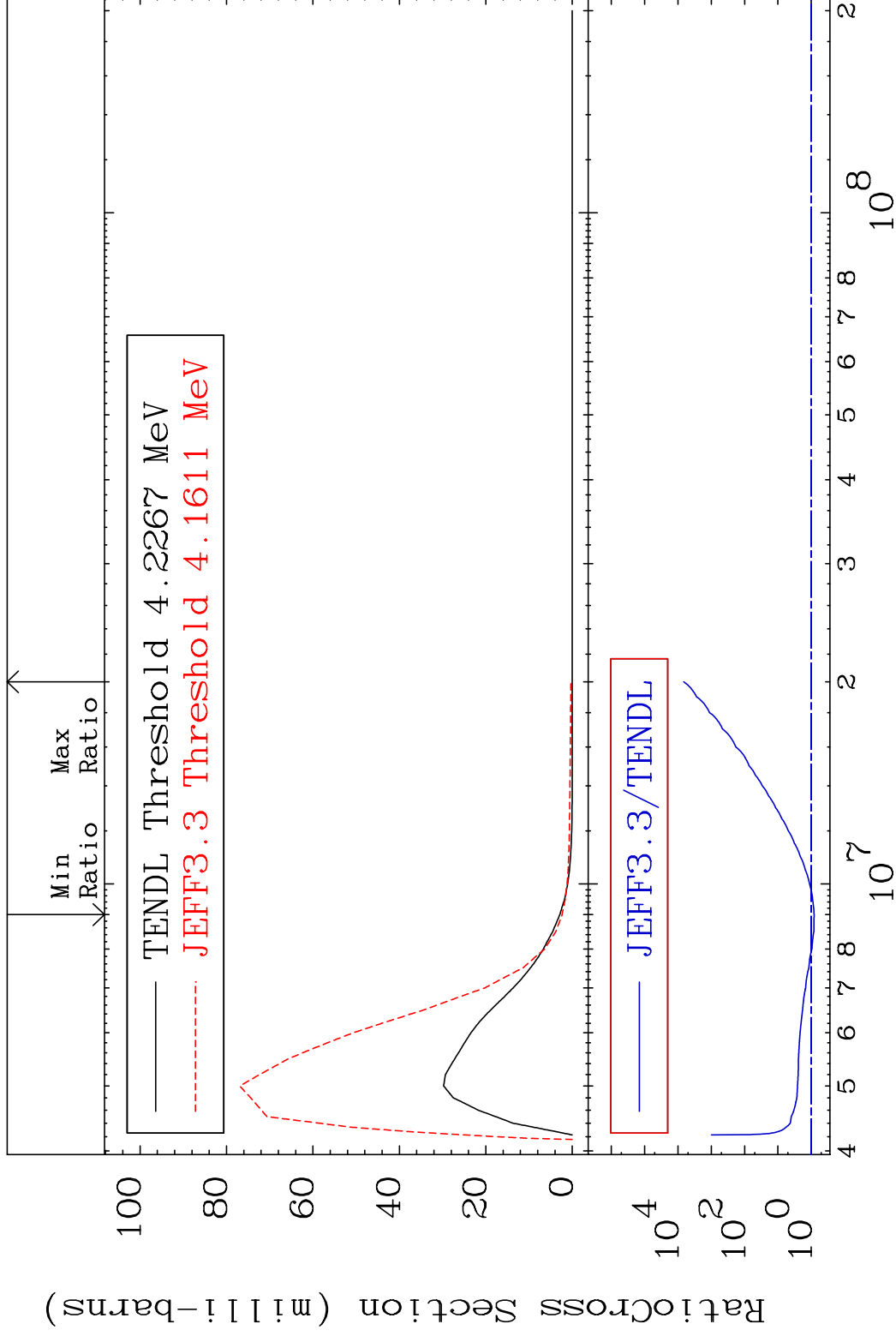
82-Pb-208

MAT 8237

MT= 65 (n, n') Level

82-Pb-208

Cross Section -17.96 To 9999. %

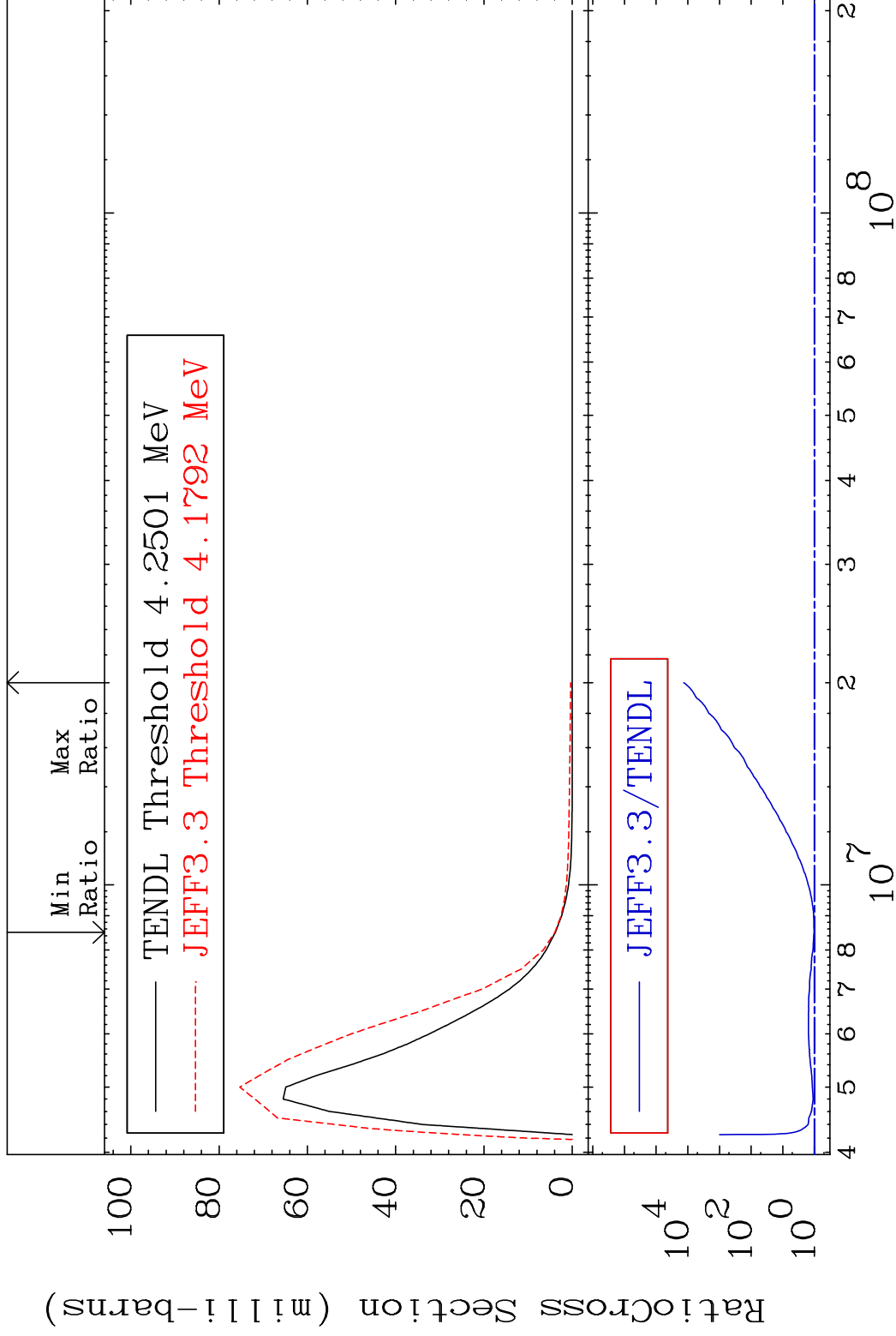


MAT 8237

MT= 66 (n,n') Level

82-Pb-208

Cross Section 2.581 To 9999. %

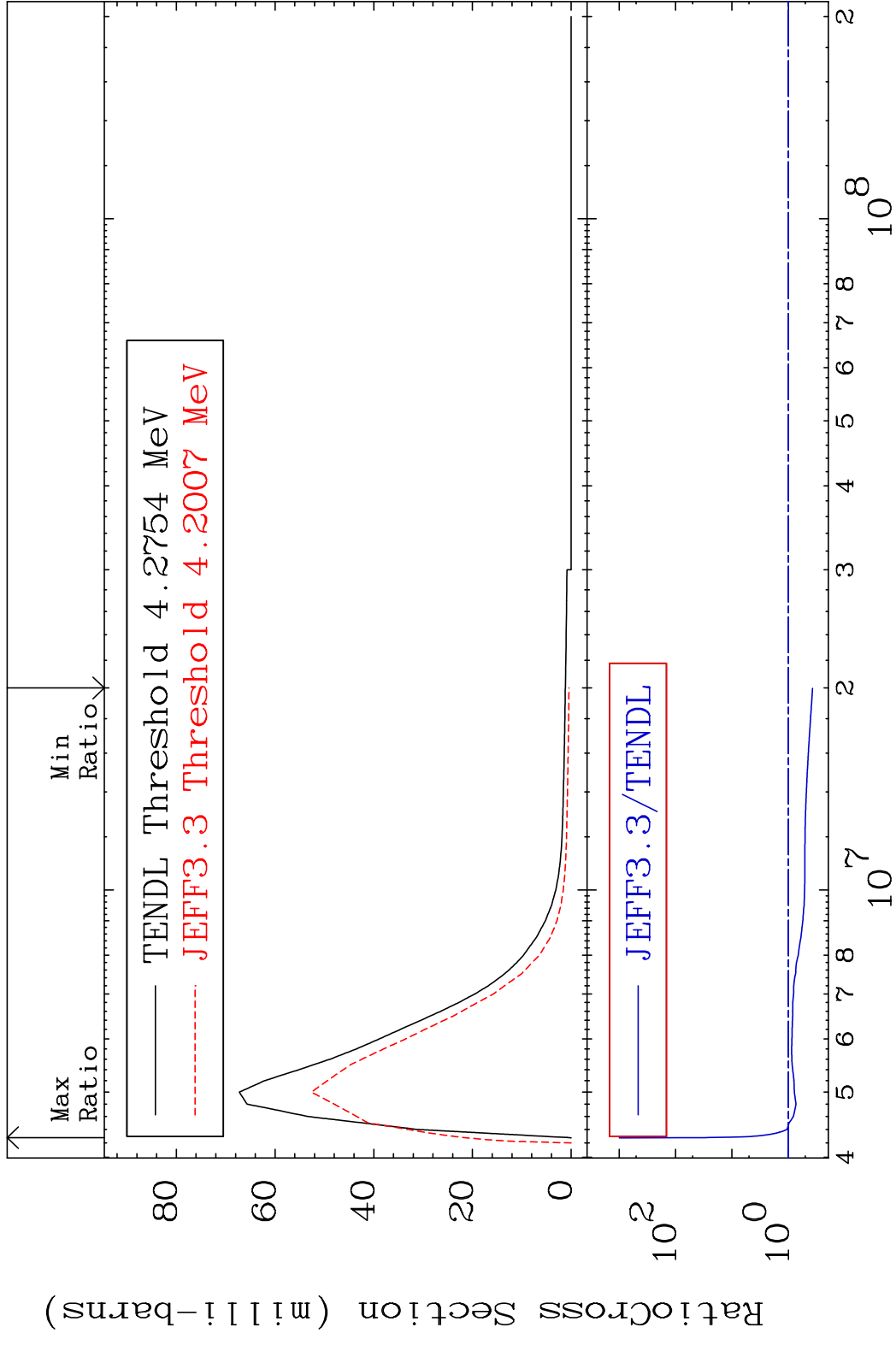


MAT 8237

MT= 67 (n, n') Level

82-Pb-208

Cross Section -62.82 To 7484. %

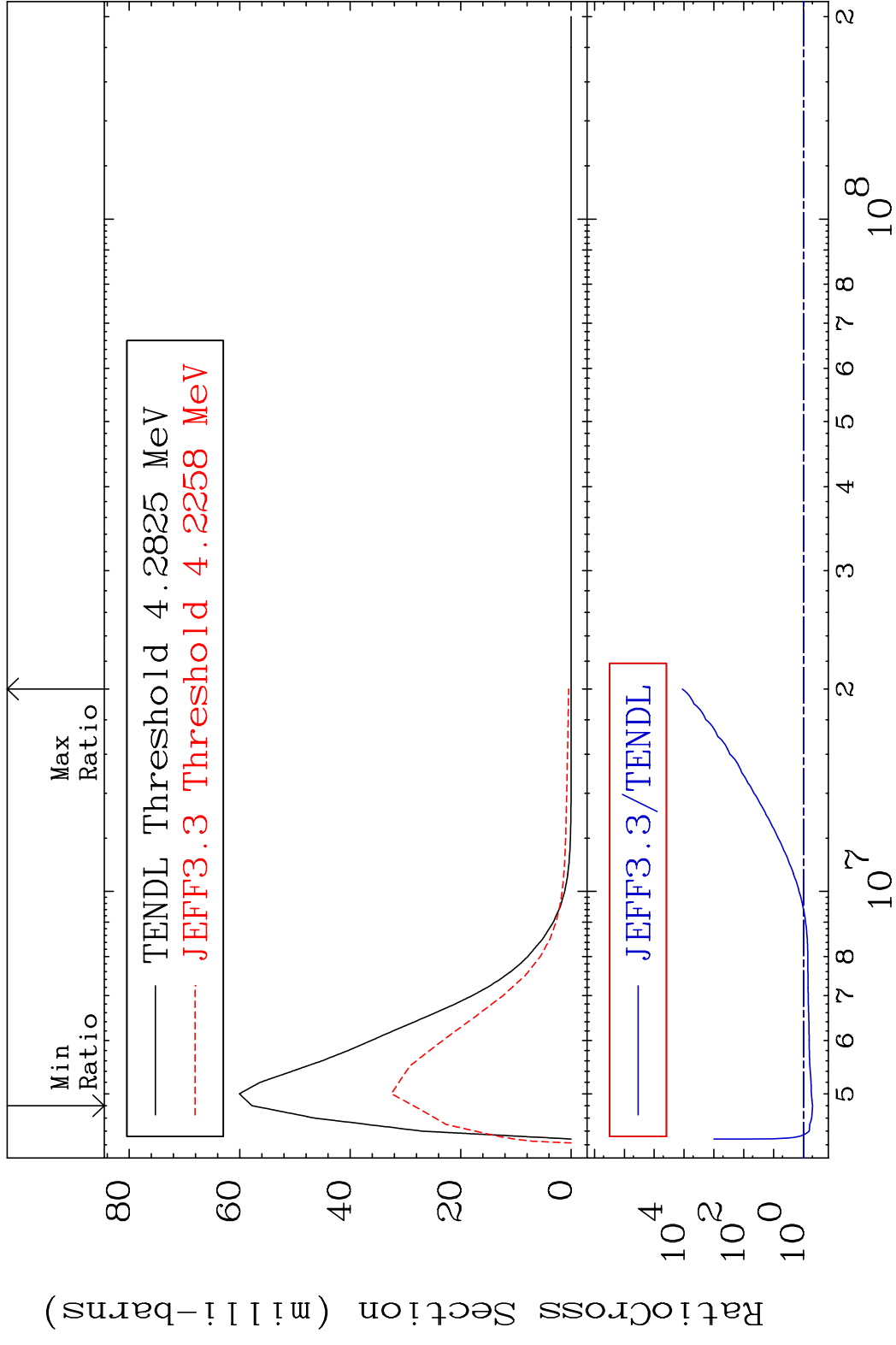


MAT 8237

MT= 68 (n, n') Level

82-Pb-208

Cross Section -50.58 To 9999. %

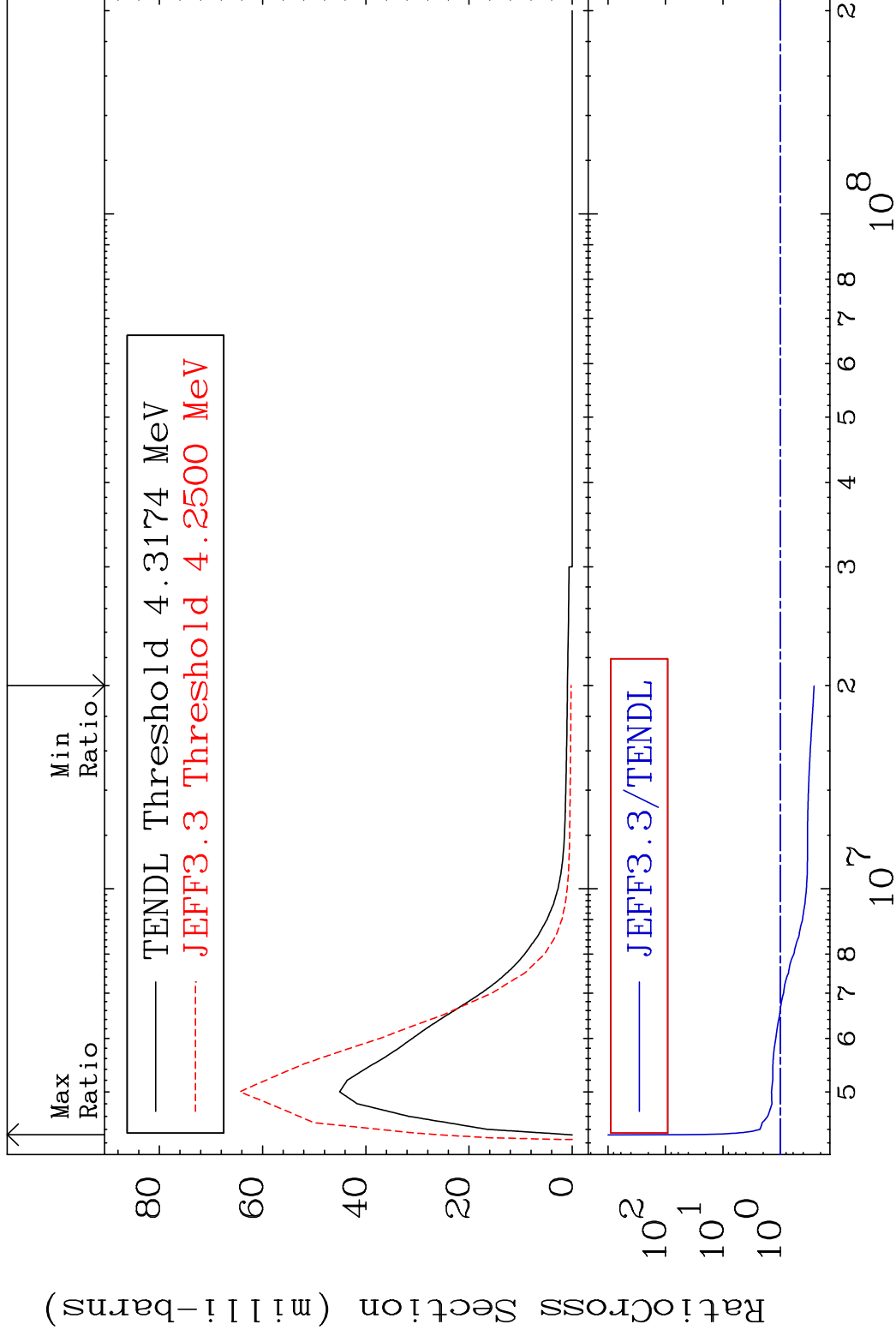


MAT 8237

MT= 69 (n, n') Level

82-Pb-208

Cross Section -74.07 To 4729. %



26

Incident Energy (eV)

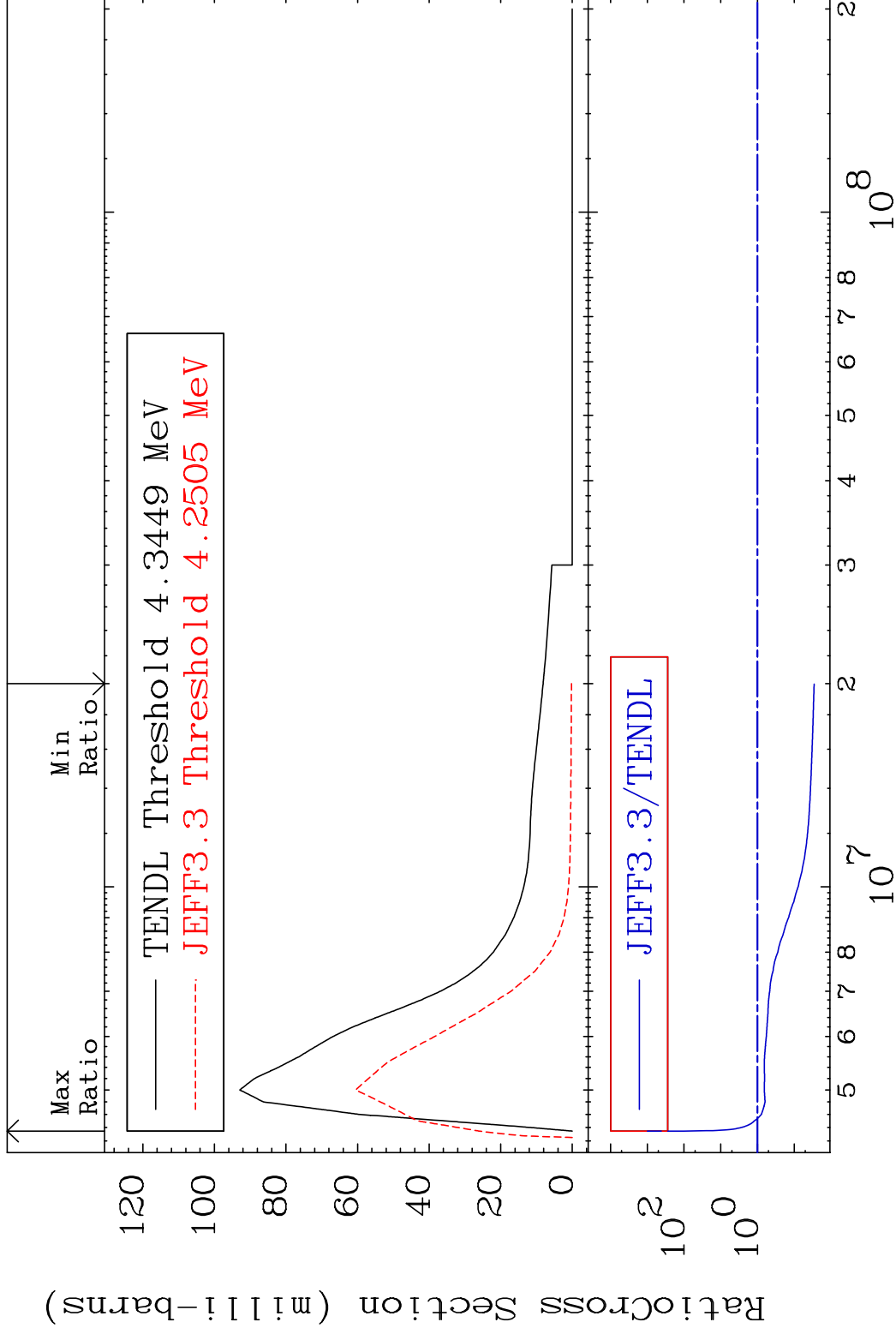
82-Pb-208

MAT 8237

MT= 70 (n, n') Level

82-Pb-208

Cross Section -97.13 To 9999. %

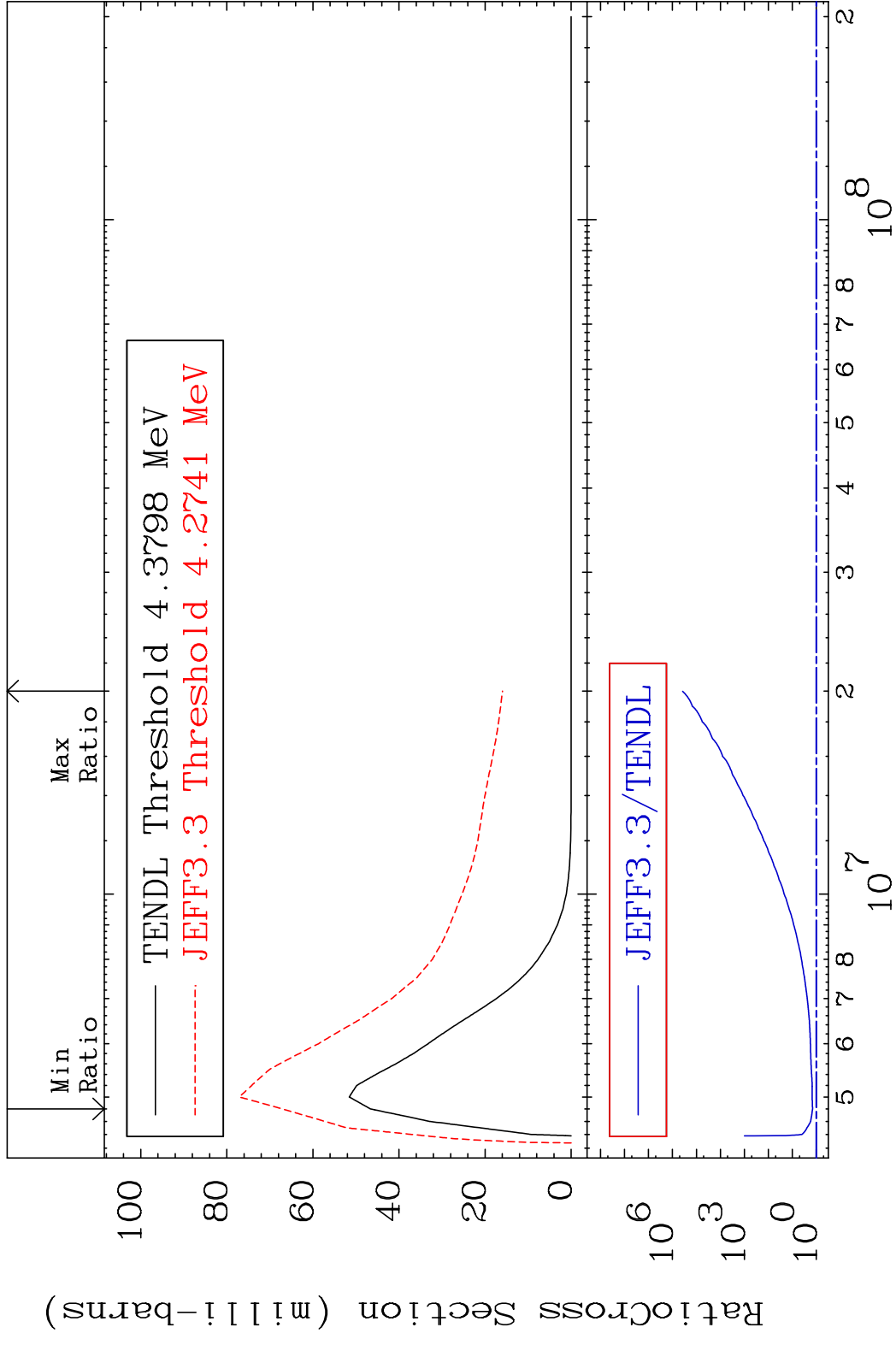


27

Incident Energy (eV)

82-Pb-208

MAT 8237 MT= 71 (n, n') Level 82-Pb-208
 Cross Section 43.96 To 9999. %

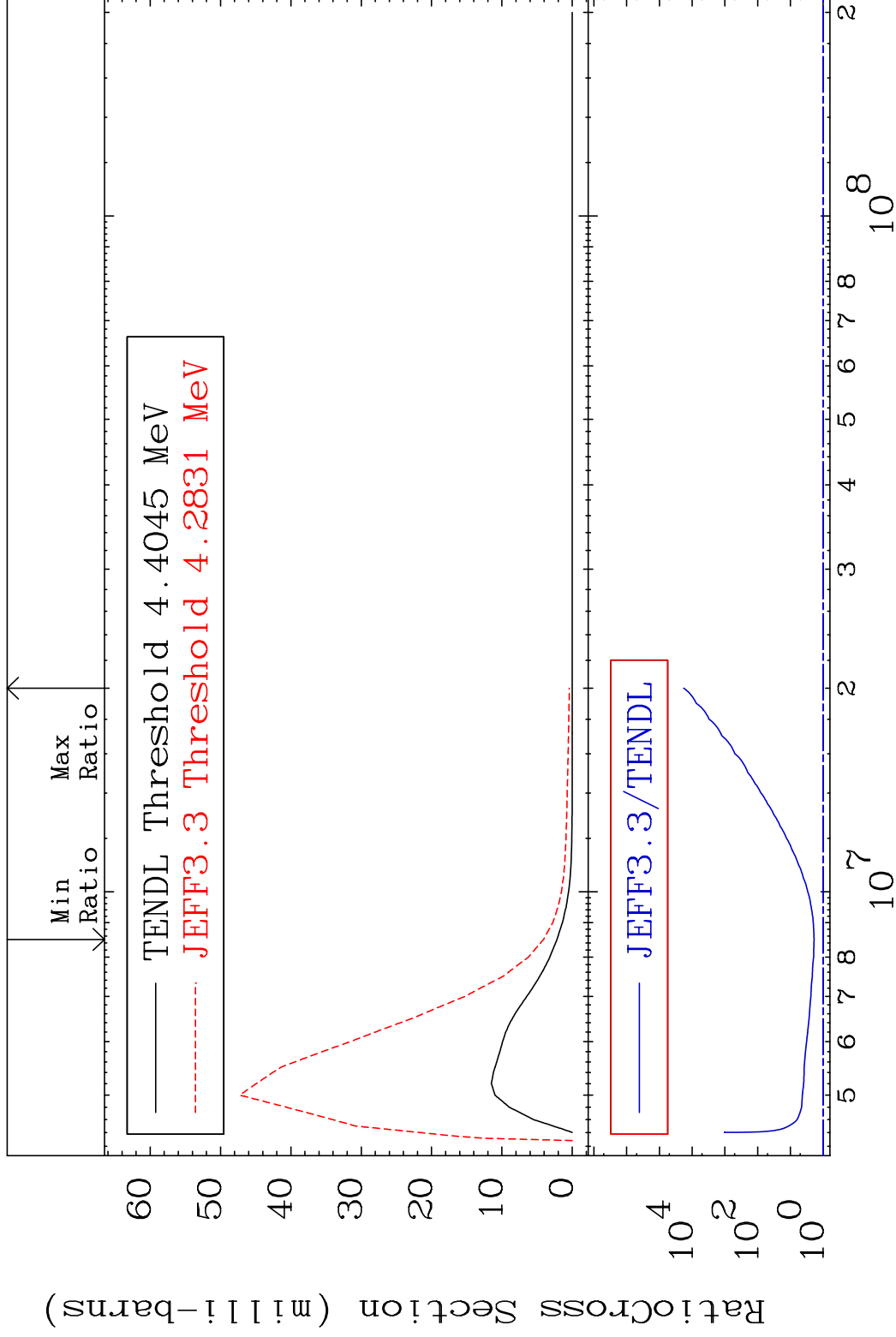


MAT 8237

MT= 72 (n, n') Level

82-Pb-208

Cross Section 87.96 To 9999. %



29

Incident Energy (eV)

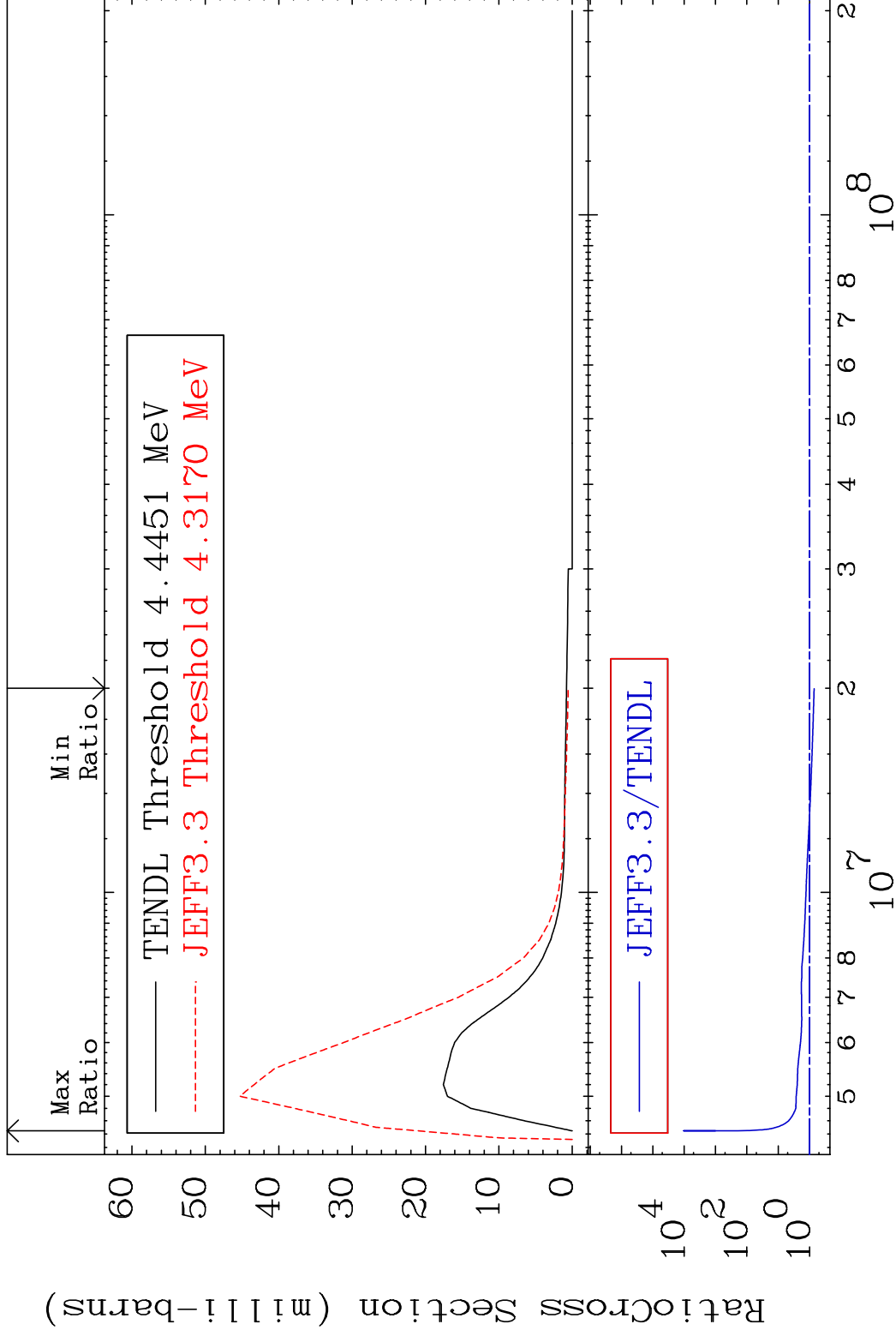
82-Pb-208

MAT 8237

MT= 73 (n, n') Level

82-Pb-208

Cross Section -28.42 To 9999. %

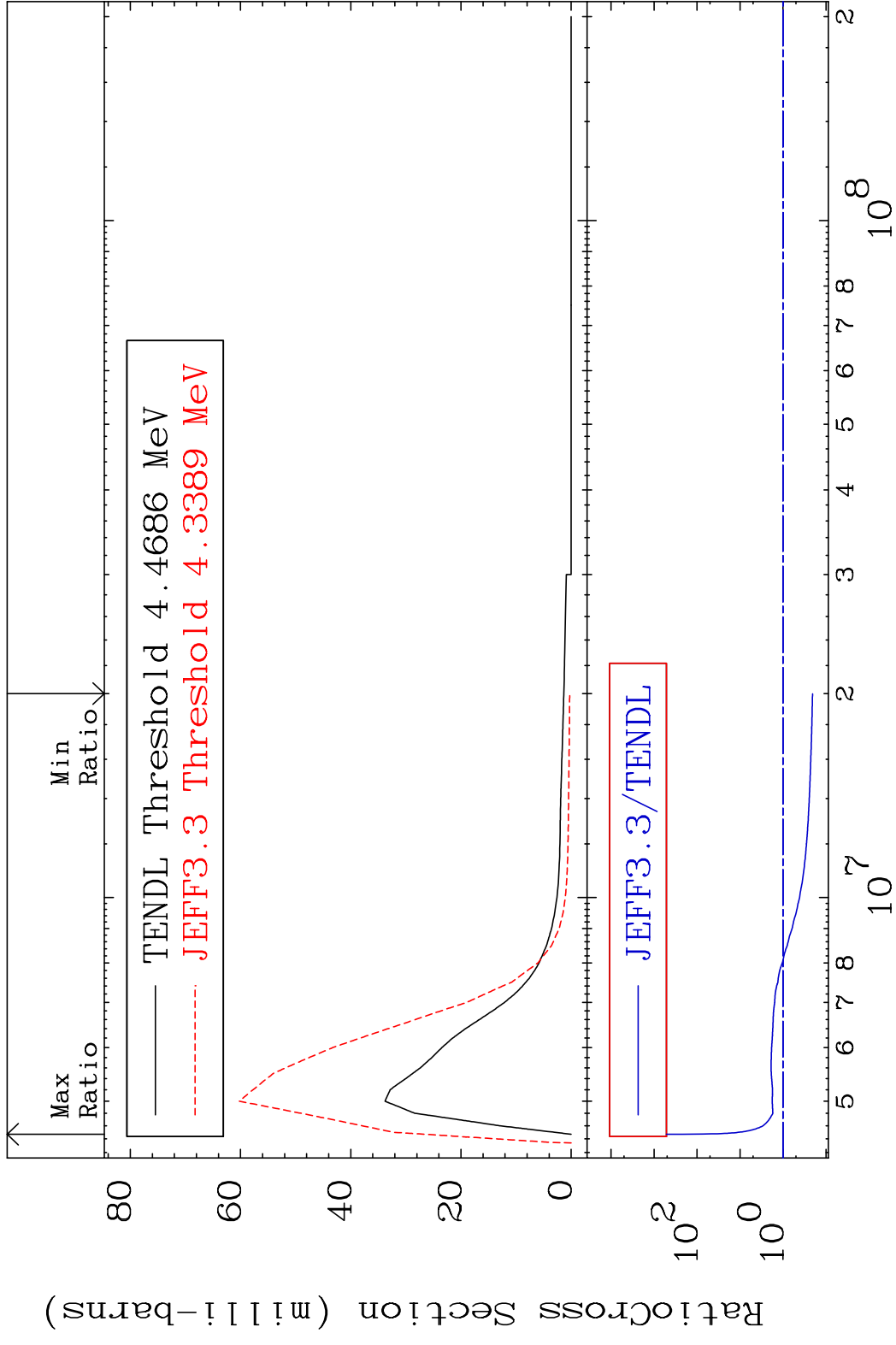


30

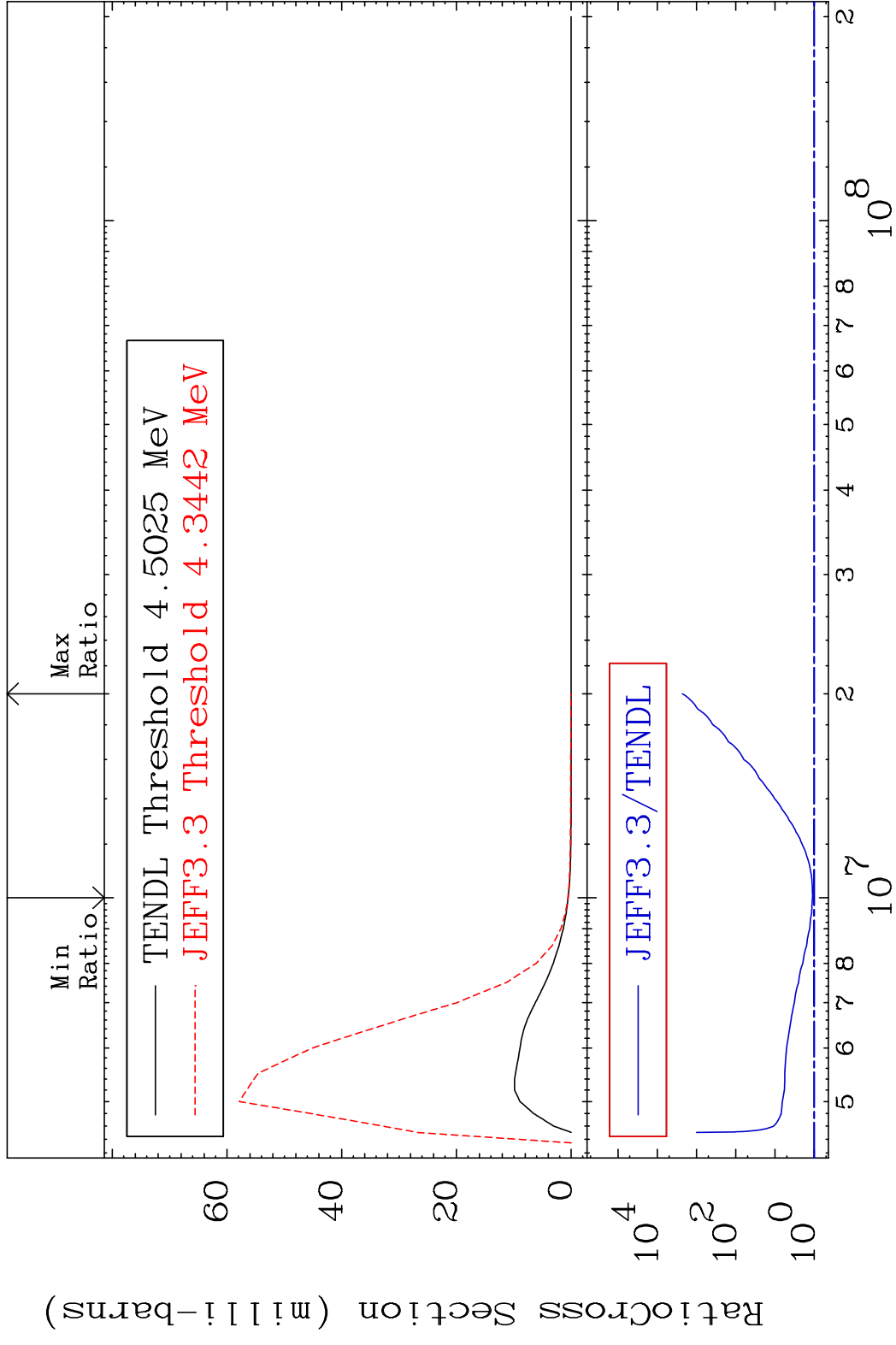
Incident Energy (eV)

82-Pb-208

MAT 8237 MT= 74 (n, n') Level 82-Pb-208
 Cross Section -79.43 To 9999. %



MAT 8237 MT= 75 (n,n') Level 82-Pb-208
 Cross Section 9.903 To 9999. %

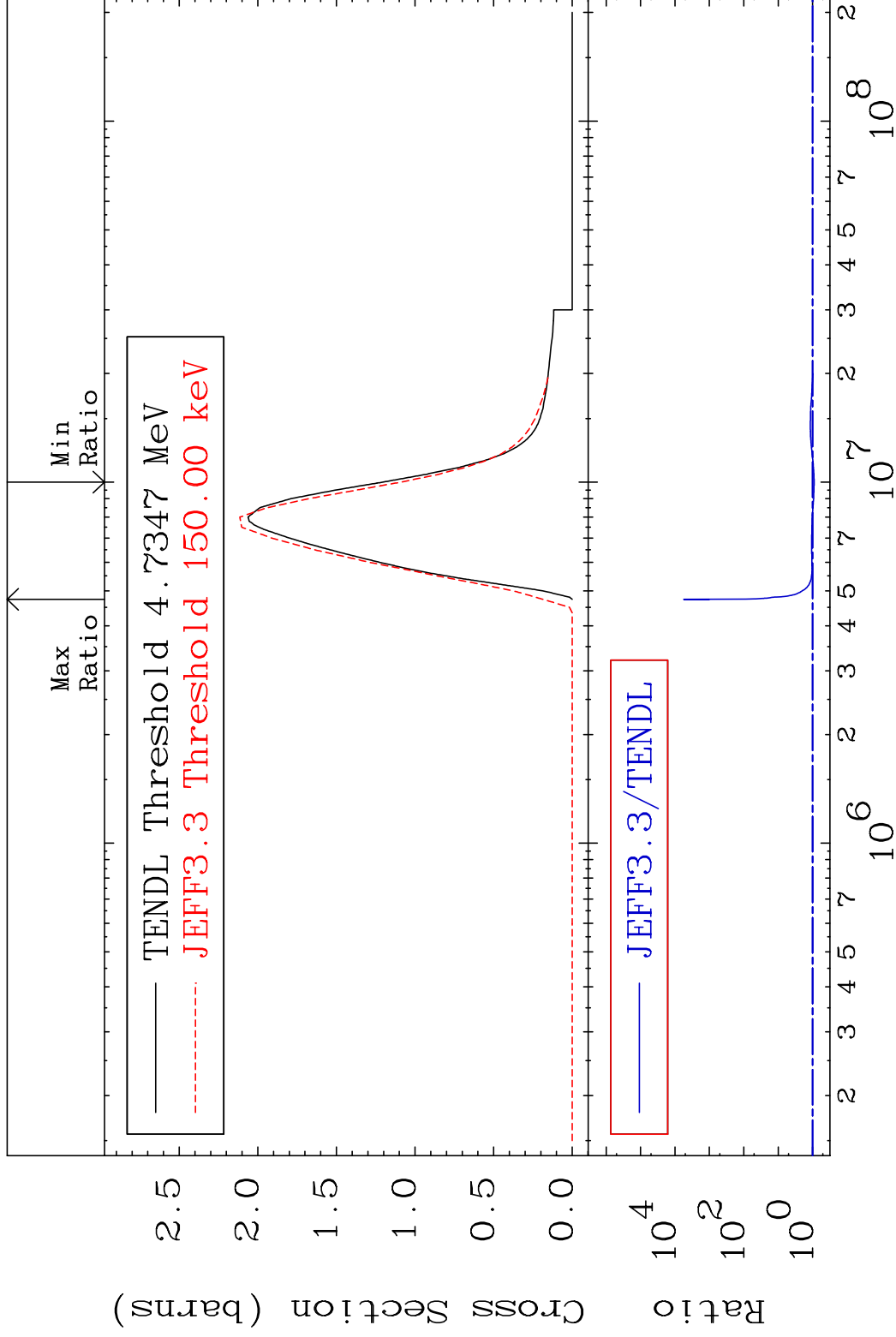


MAT 8237

(n, n') Continuum

82-Pb-208

Cross Section -9.648 To 9999. %



33

Incident Energy (eV)

82-Pb-208

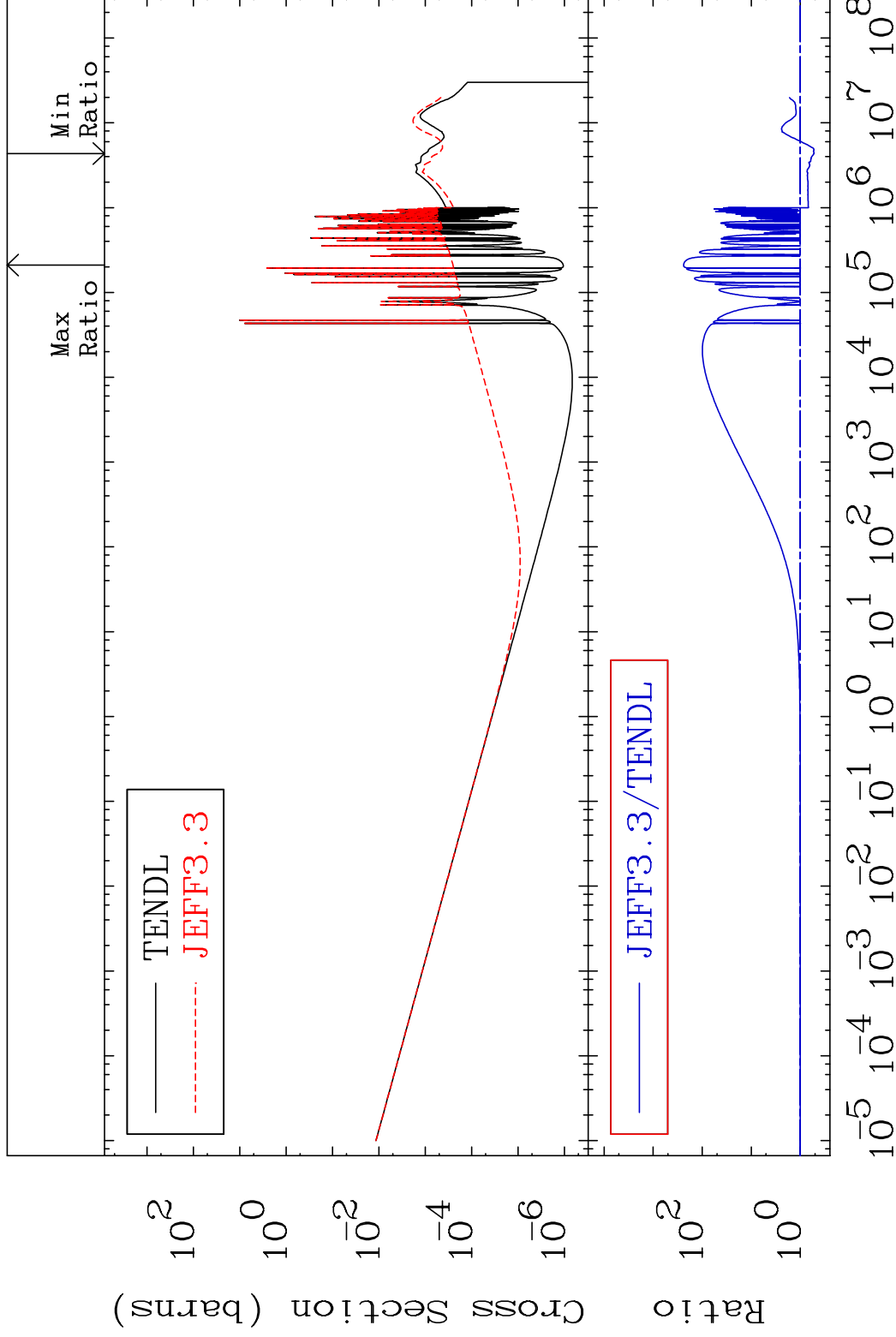
MAT 8237

(n, γ)

82-Pb-208

Cross Section

-47.69 To 9999. %



34

Incident Energy (eV)

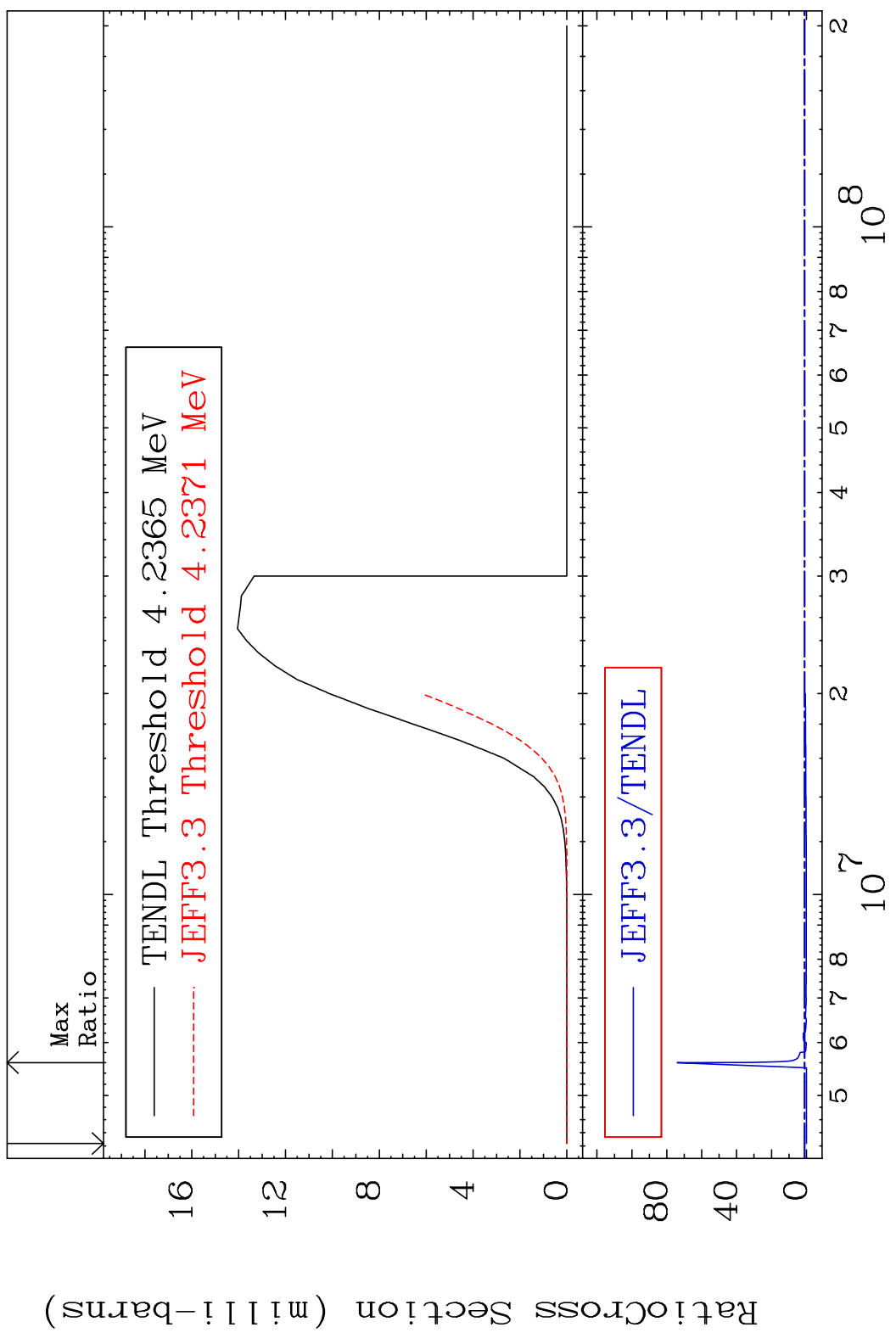
82-Pb-208

MAT 8237

(n,p)

82-Pb-208

Cross Section -100.0 To 7304. %



35

Incident Energy (eV)

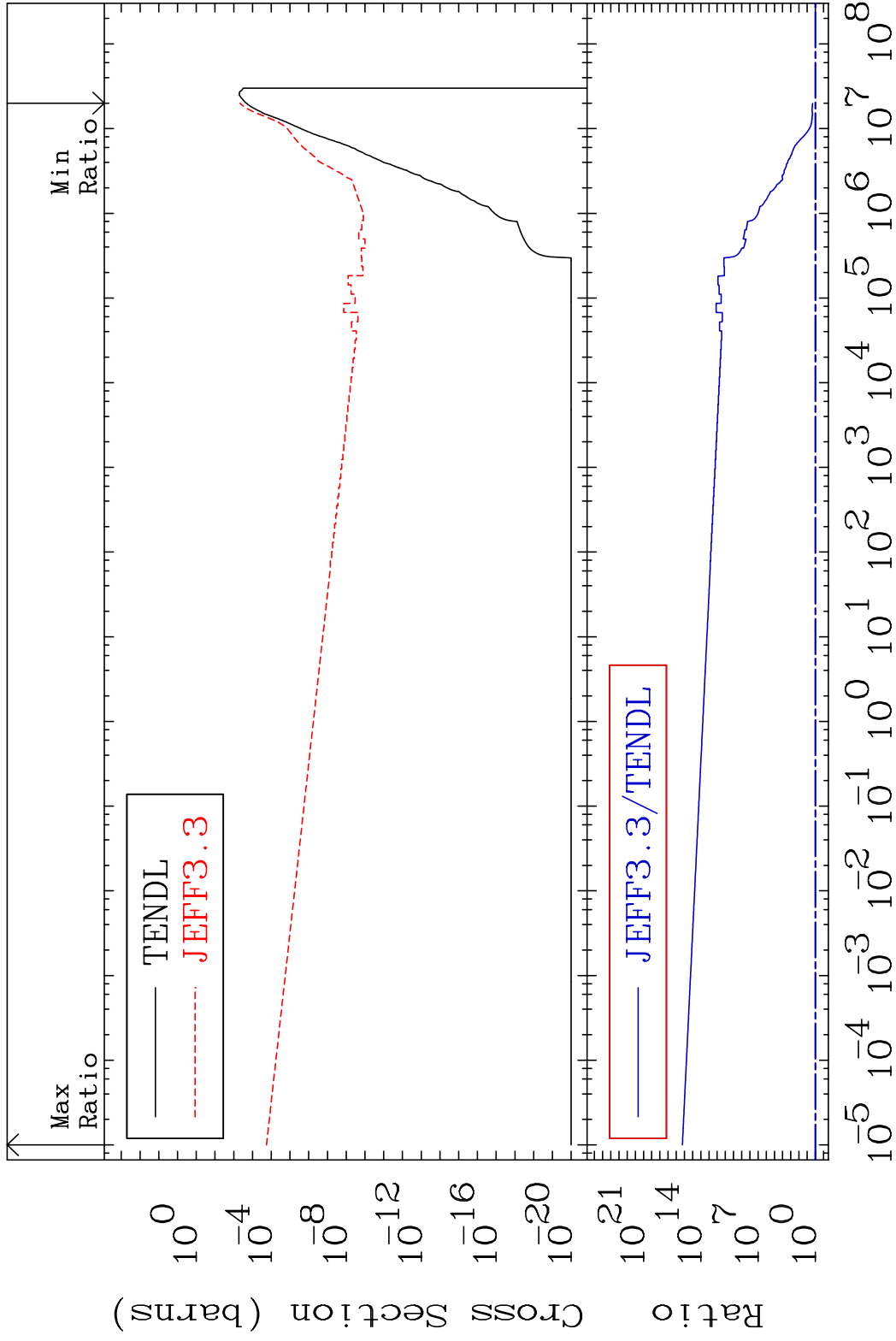
82-Pb-208

MAT 8237

(n, α)

82-Pb-208

Cross Section 117.3 To 9999. %



36

Incident Energy (eV)

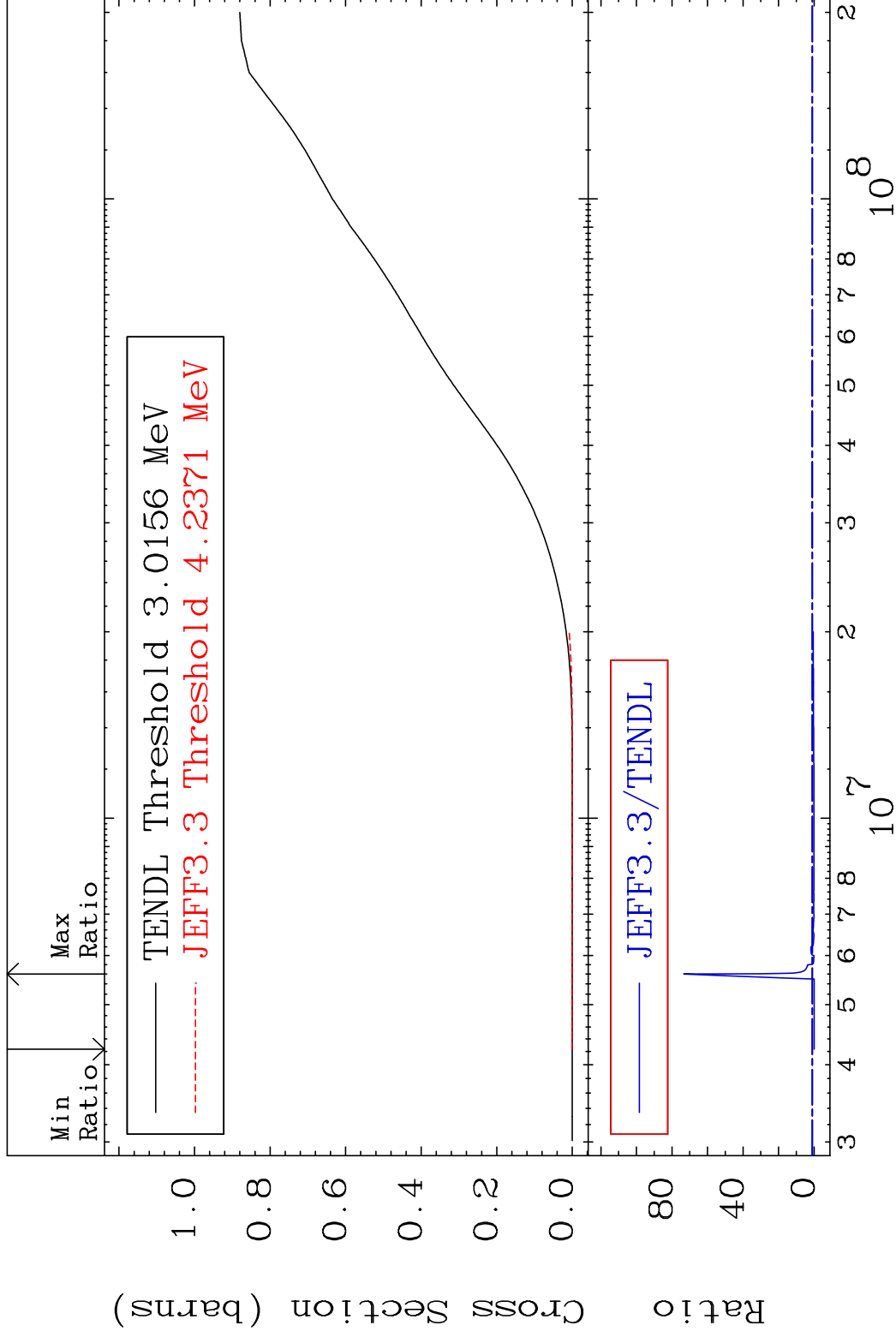
82-Pb-208

MAT 8237

Hydrogen Production

82-Pb-208

Cross Section -100.0 To 7242. %



37

Incident Energy (eV)

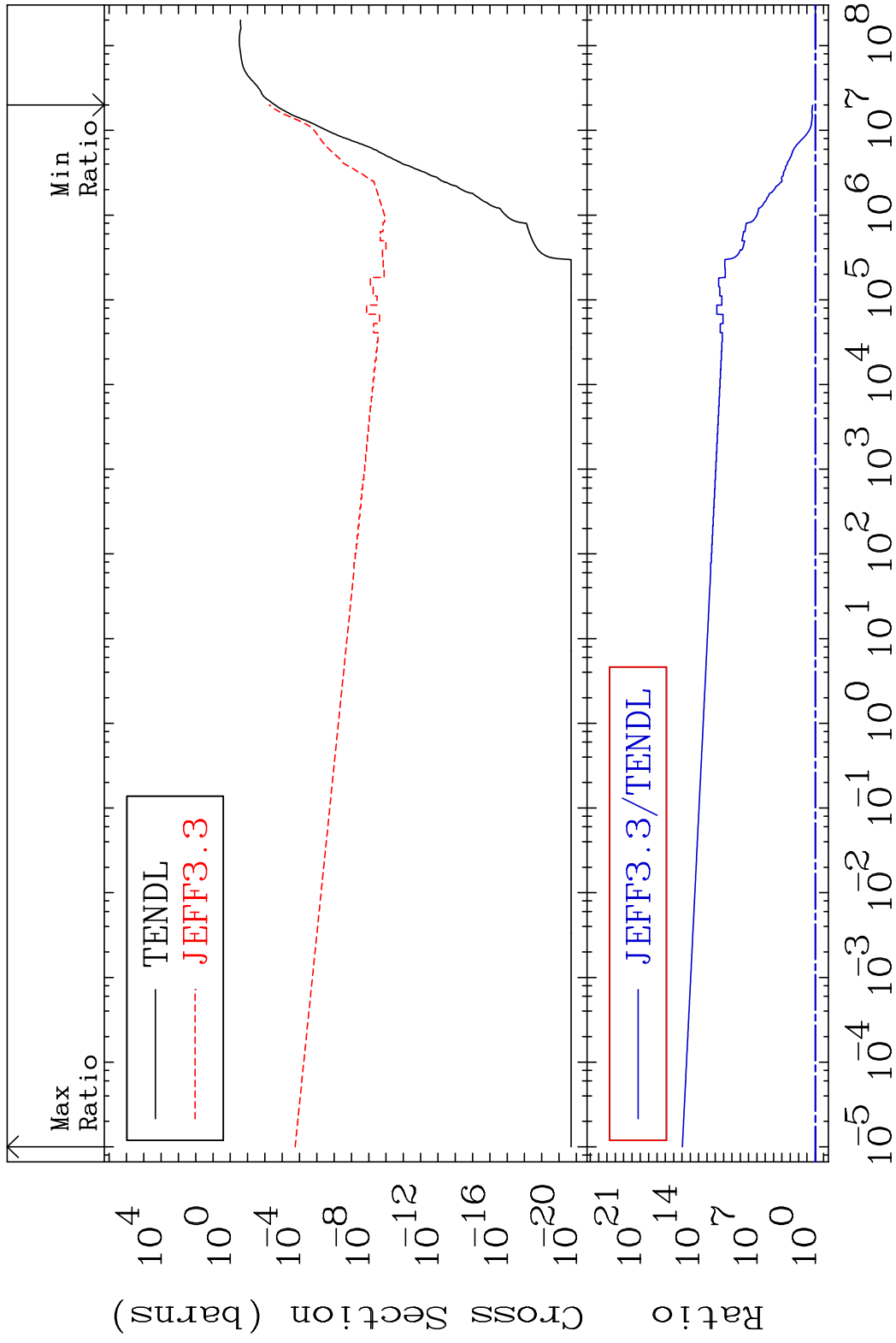
82-Pb-208

MAT 8237

He-4 Production

82-Pb-208

Cross Section 110.9 To 9999. %

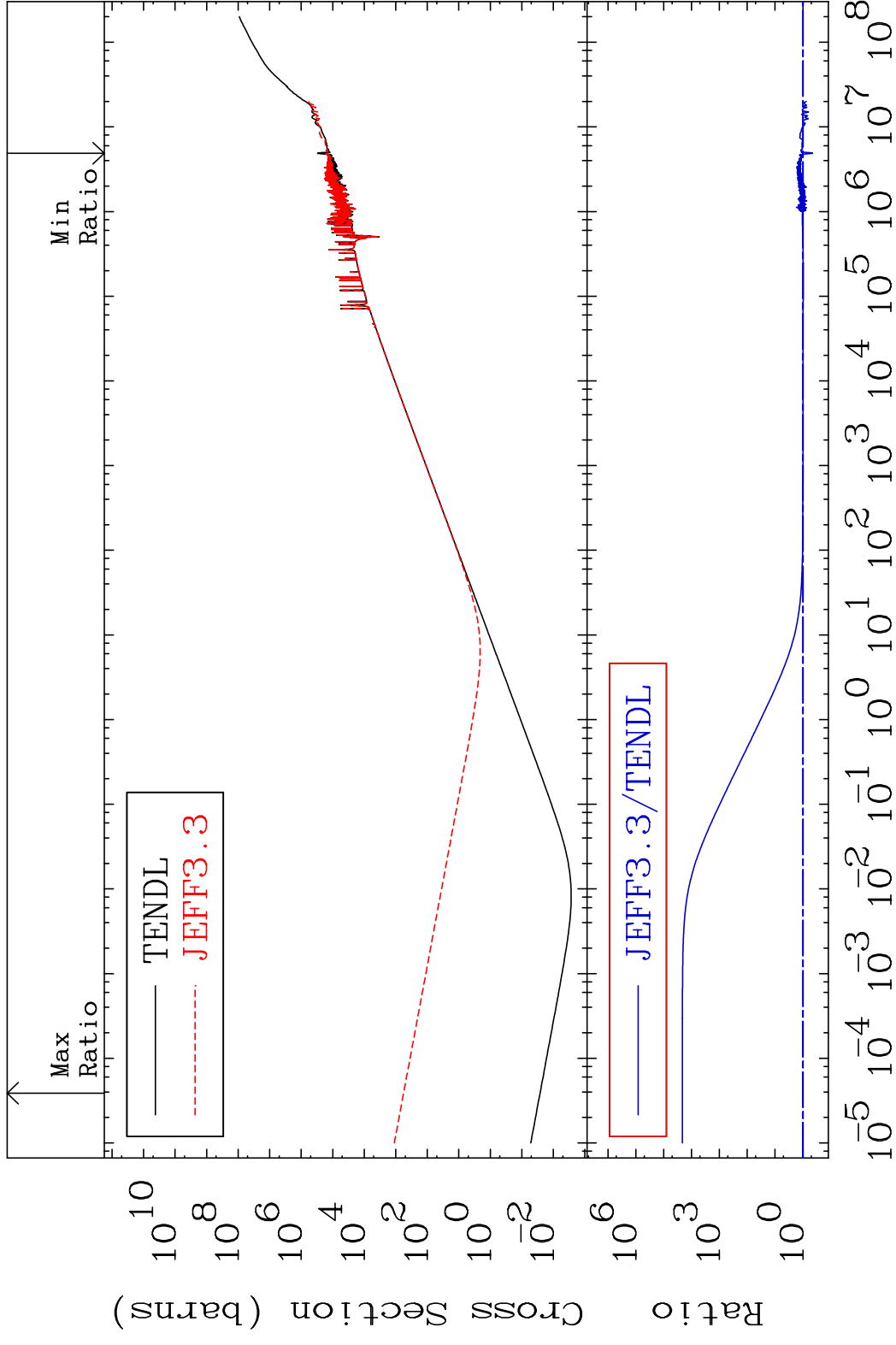


38

Incident Energy (eV)

82-Pb-208

MAT 8237 Kerma total (eV-barns) 82-Pb-208
 Cross Section -54.84 To 9999. %



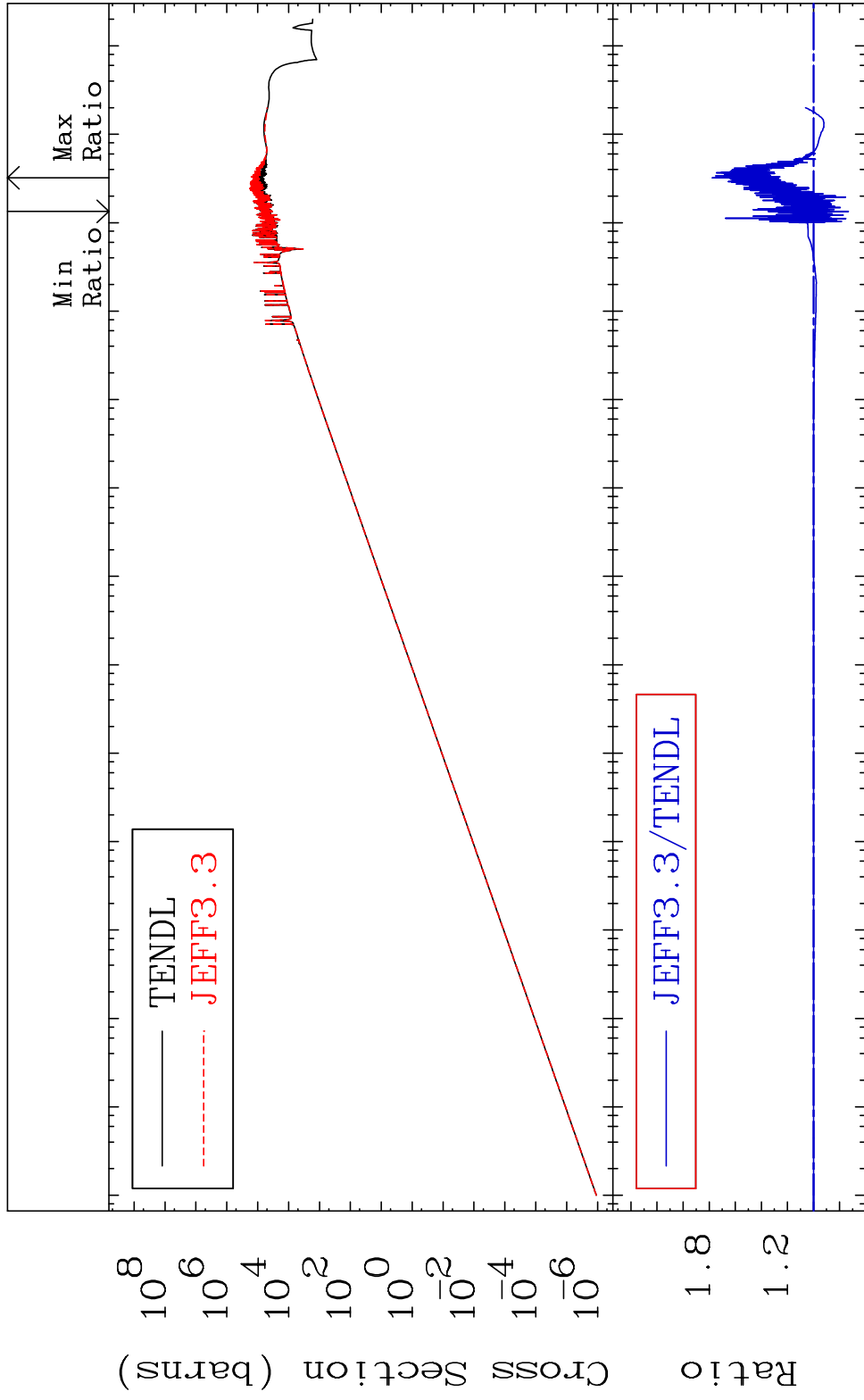
39 Incident Energy (eV) 82-Pb-208

MAT 8237

Kerma elastic

82-Pb-208

Cross Section -26.68 To 77.57 %

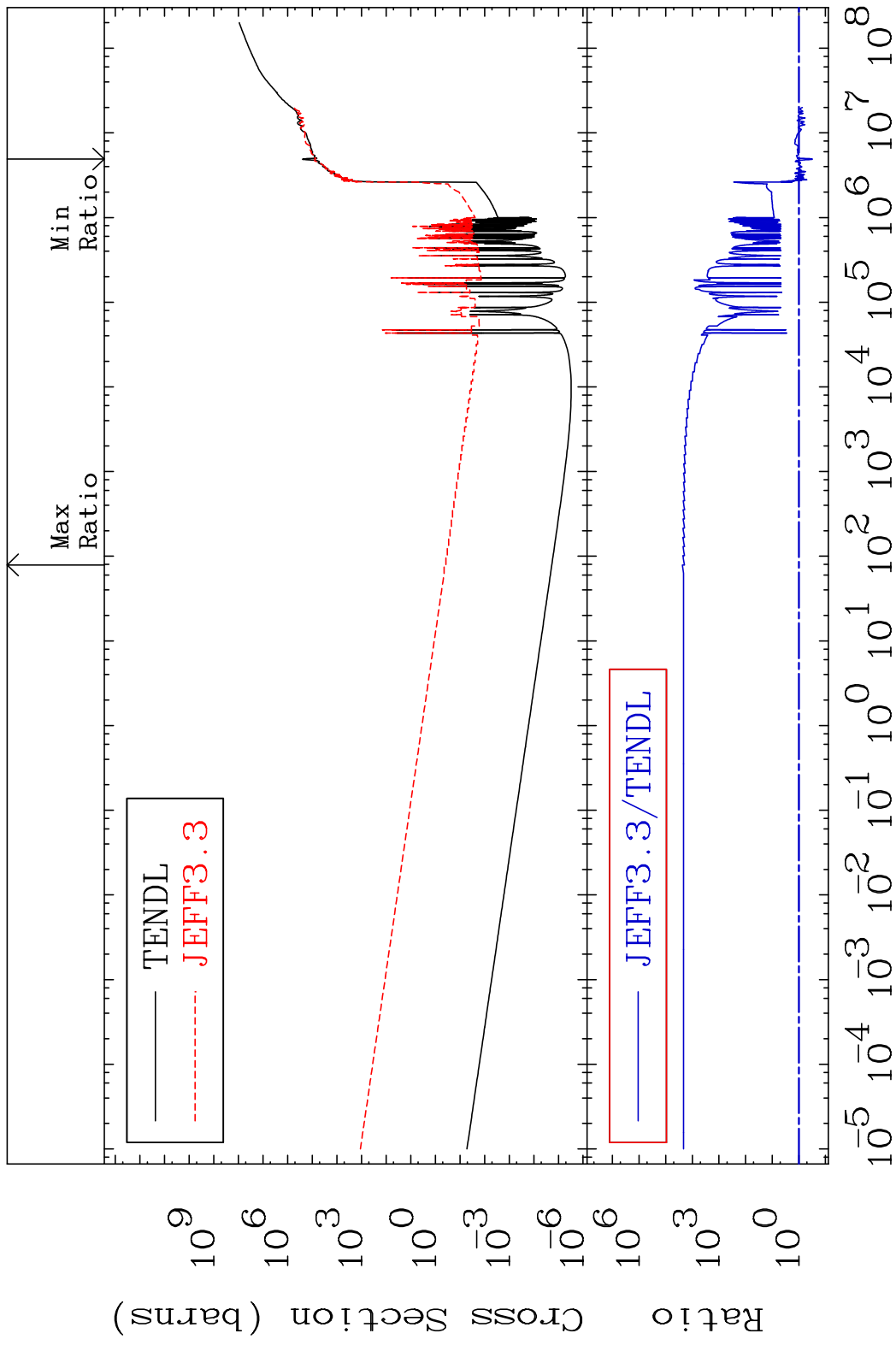


40

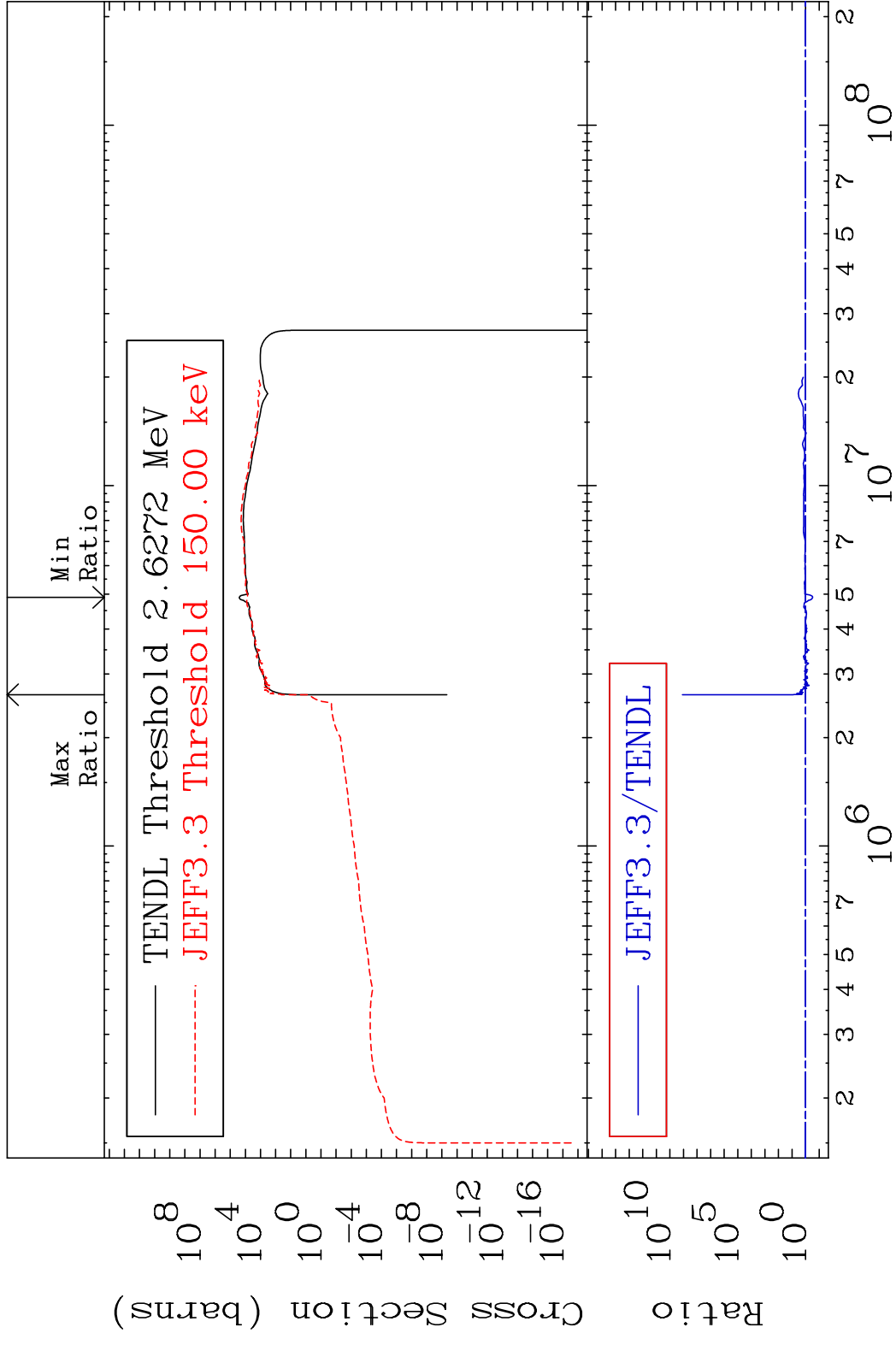
Incident Energy (eV)

82-Pb-208

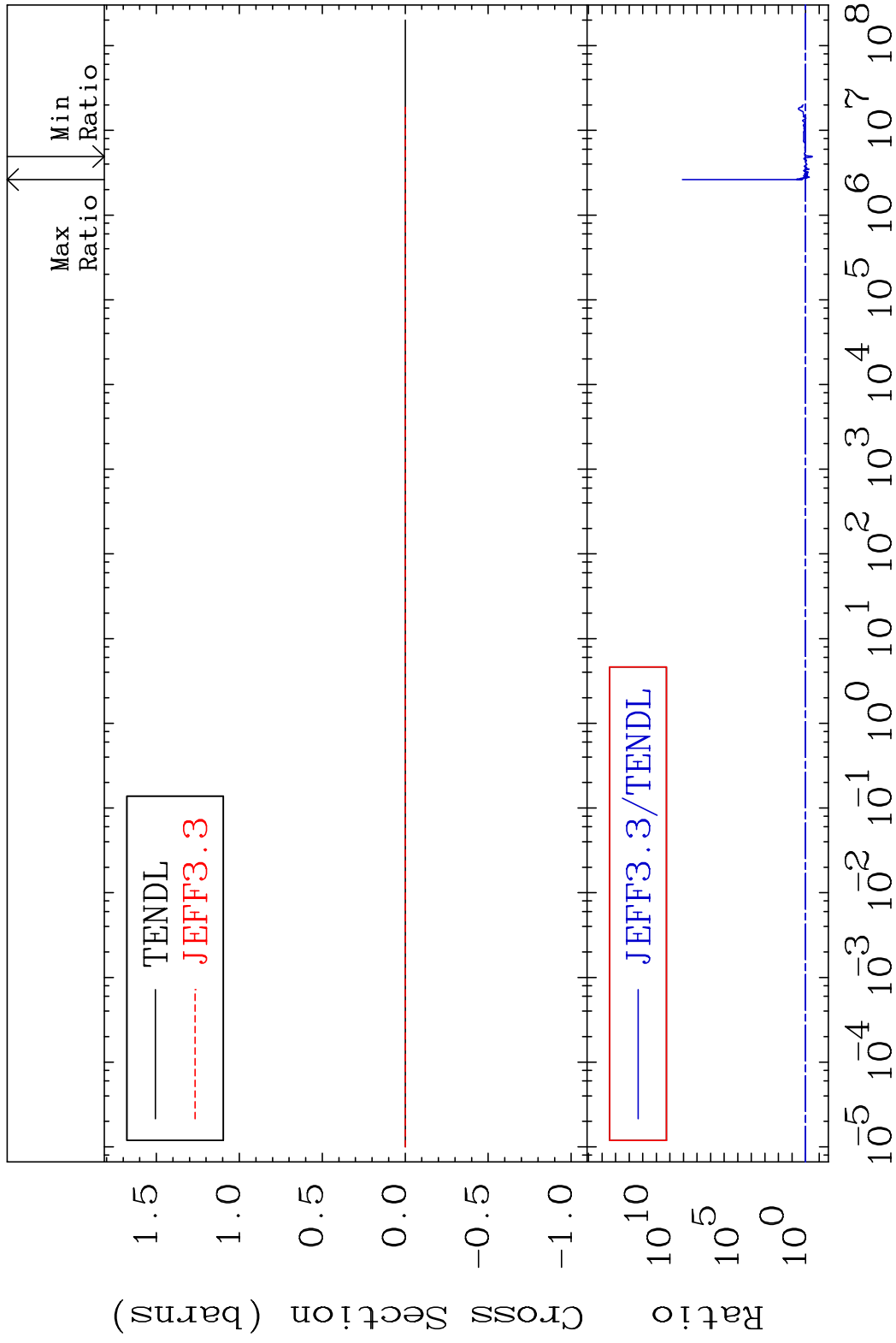
MAT 8237 Kerma non-elastic (all but mt2) 82-Pb-208
 Cross Section -69.43 To 9999. %



MAT 8237 Kerma inelastic (mt51-91) 82-Pb-208
 Cross Section -69.43 To 9999. %

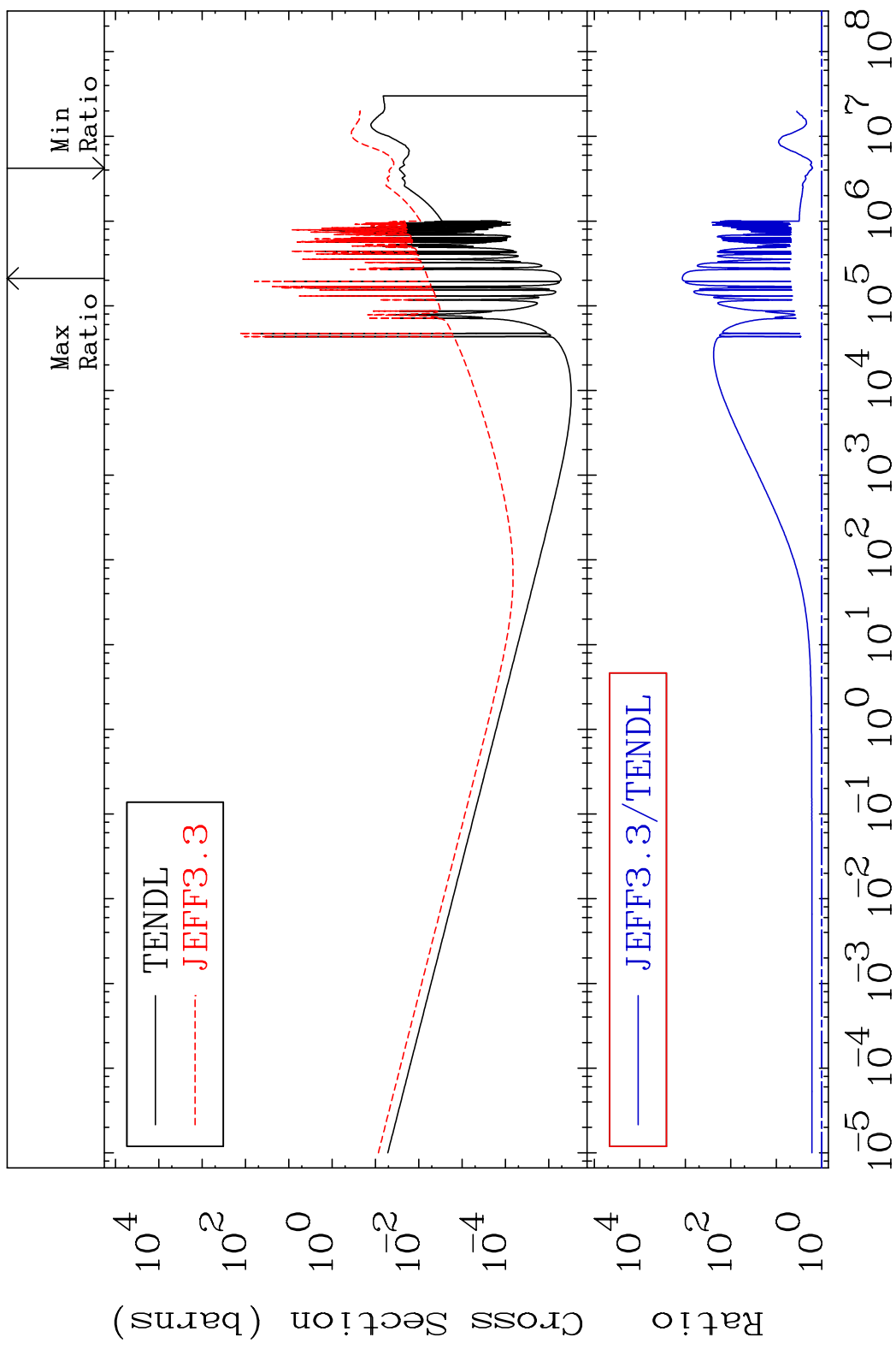


MAT 8237 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-208
 Cross Section -69.43 To 9999. %



MAT 8237

Kerma capture (mt102) 82-Pb-208
Cross Section 59.17 To 9999. %



44

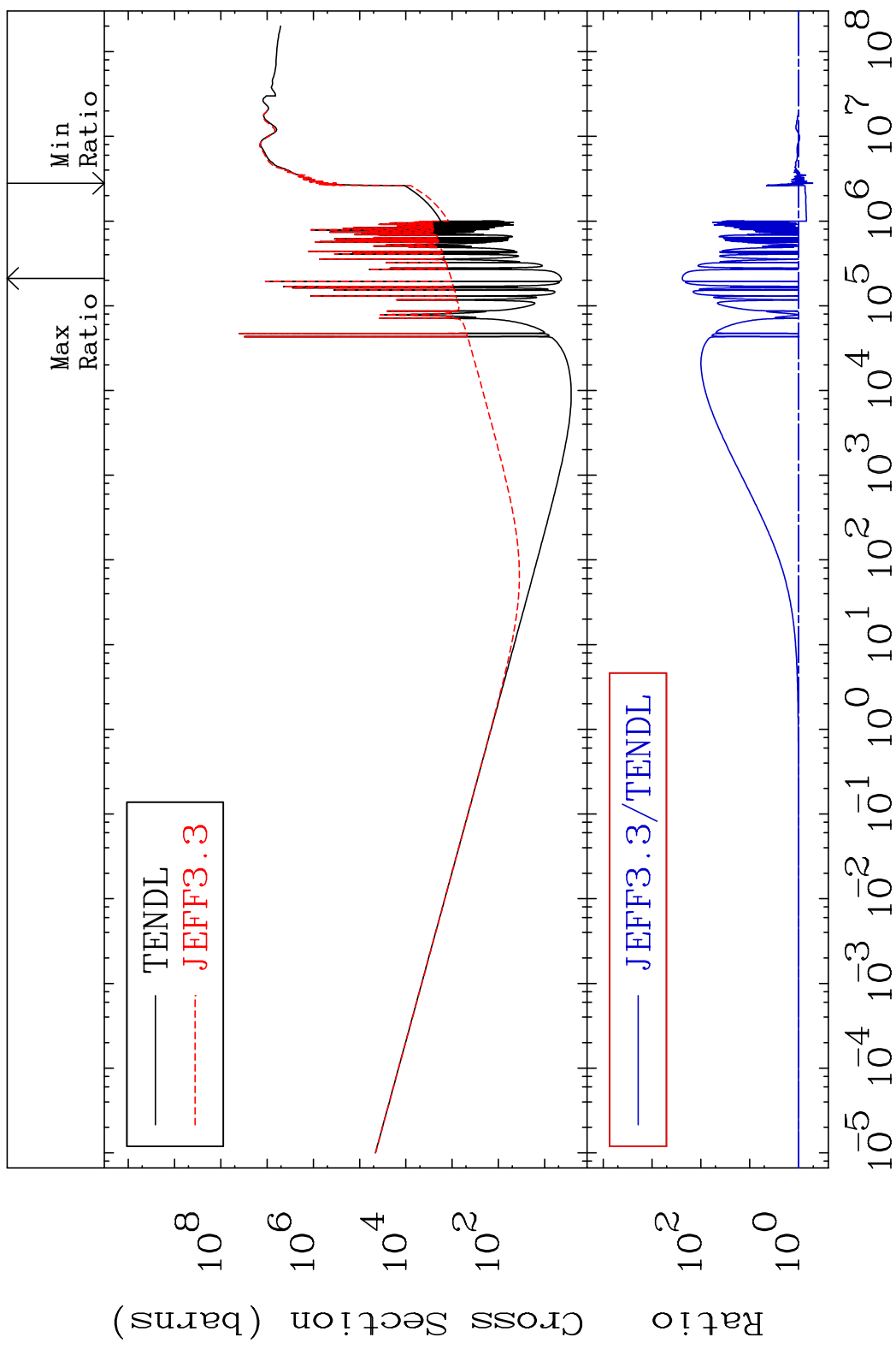
Incident Energy (eV) 82-Pb-208

MAT 8237

Total photon (eV-barns)

82-Pb-208

Cross Section -48.51 To 9999. %

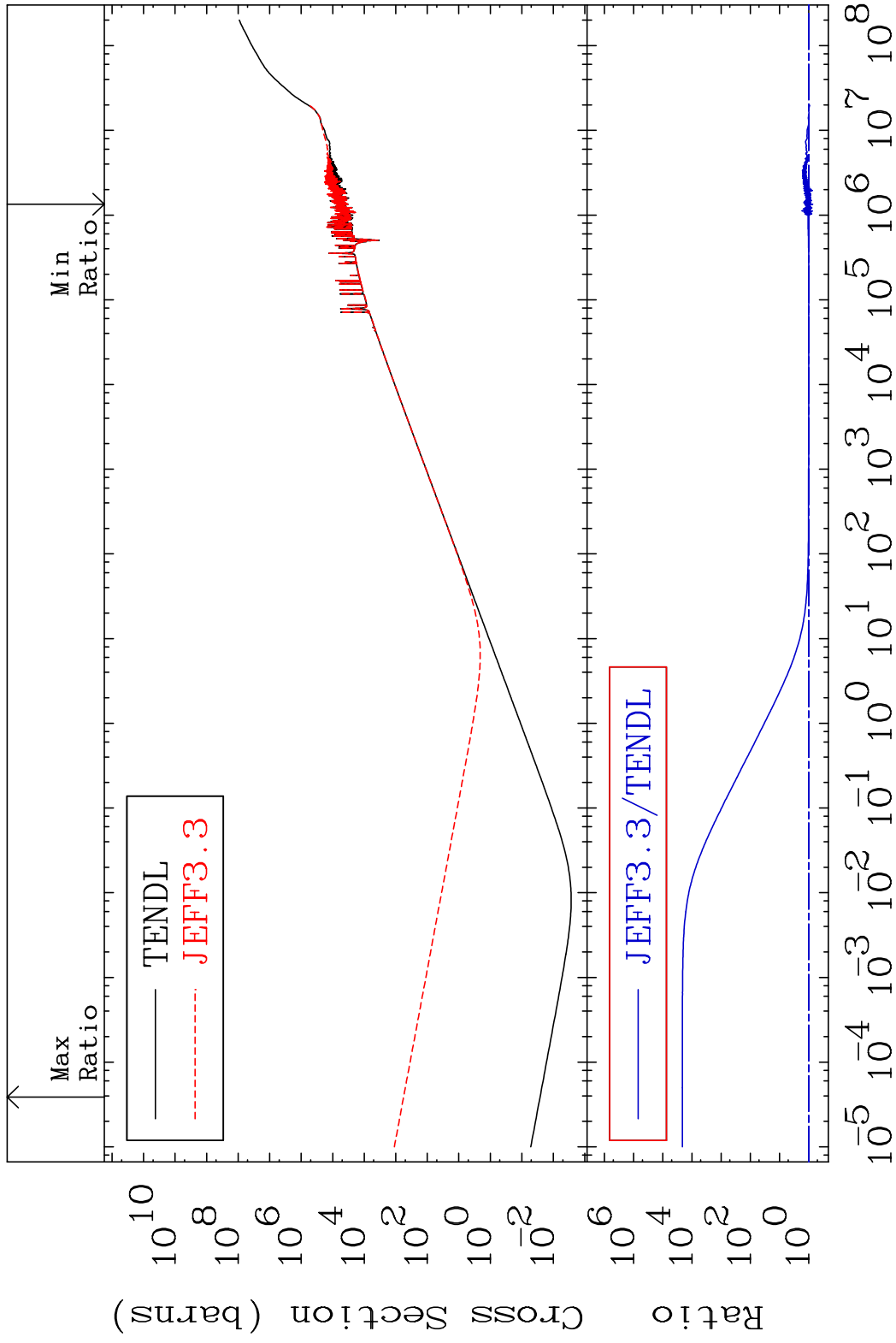


45

Incident Energy (eV)

82-Pb-208

MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -26.68 To 9999. %

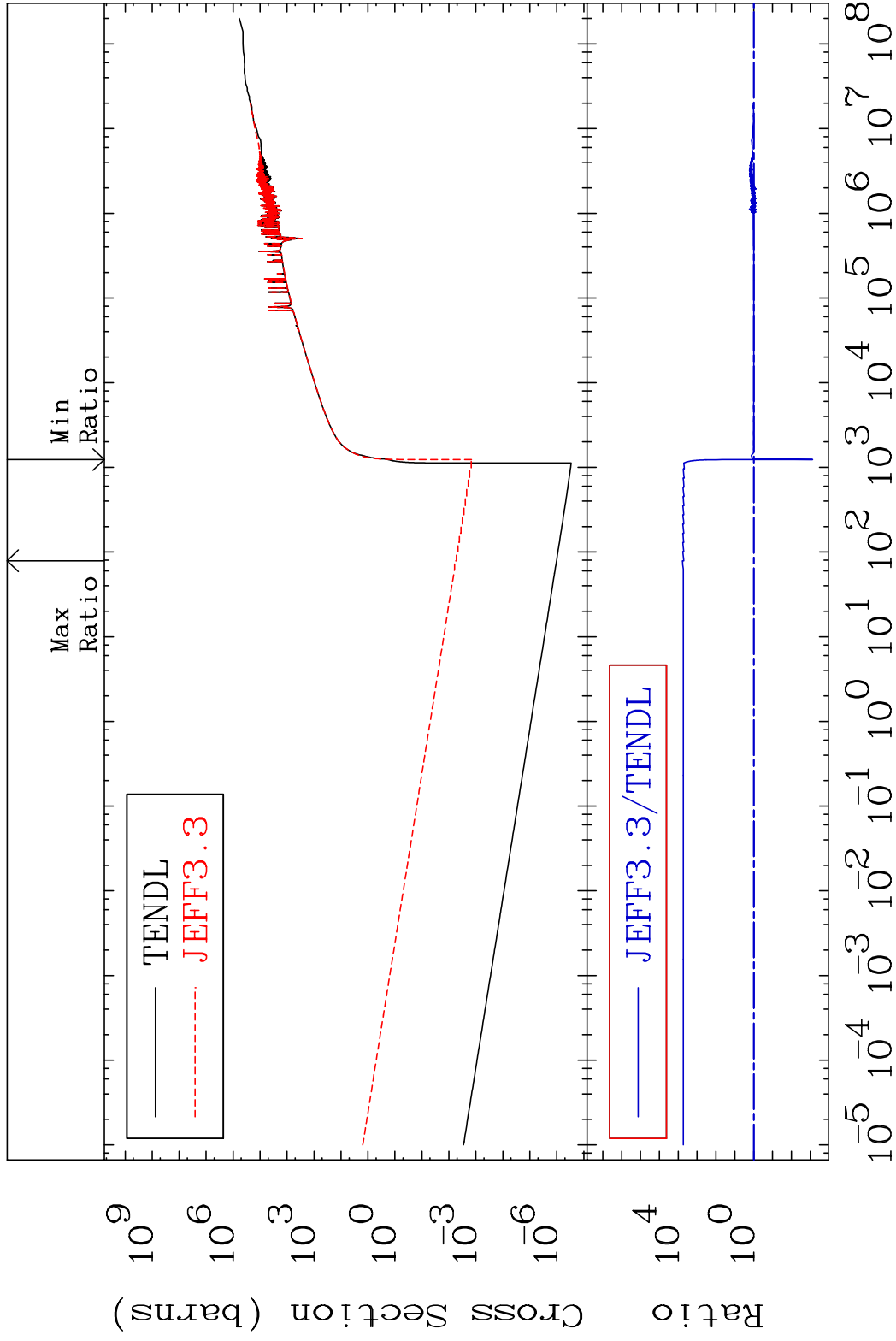


MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section -99.92 To 9999. %



47

Incident Energy (eV)

82-Pb-208

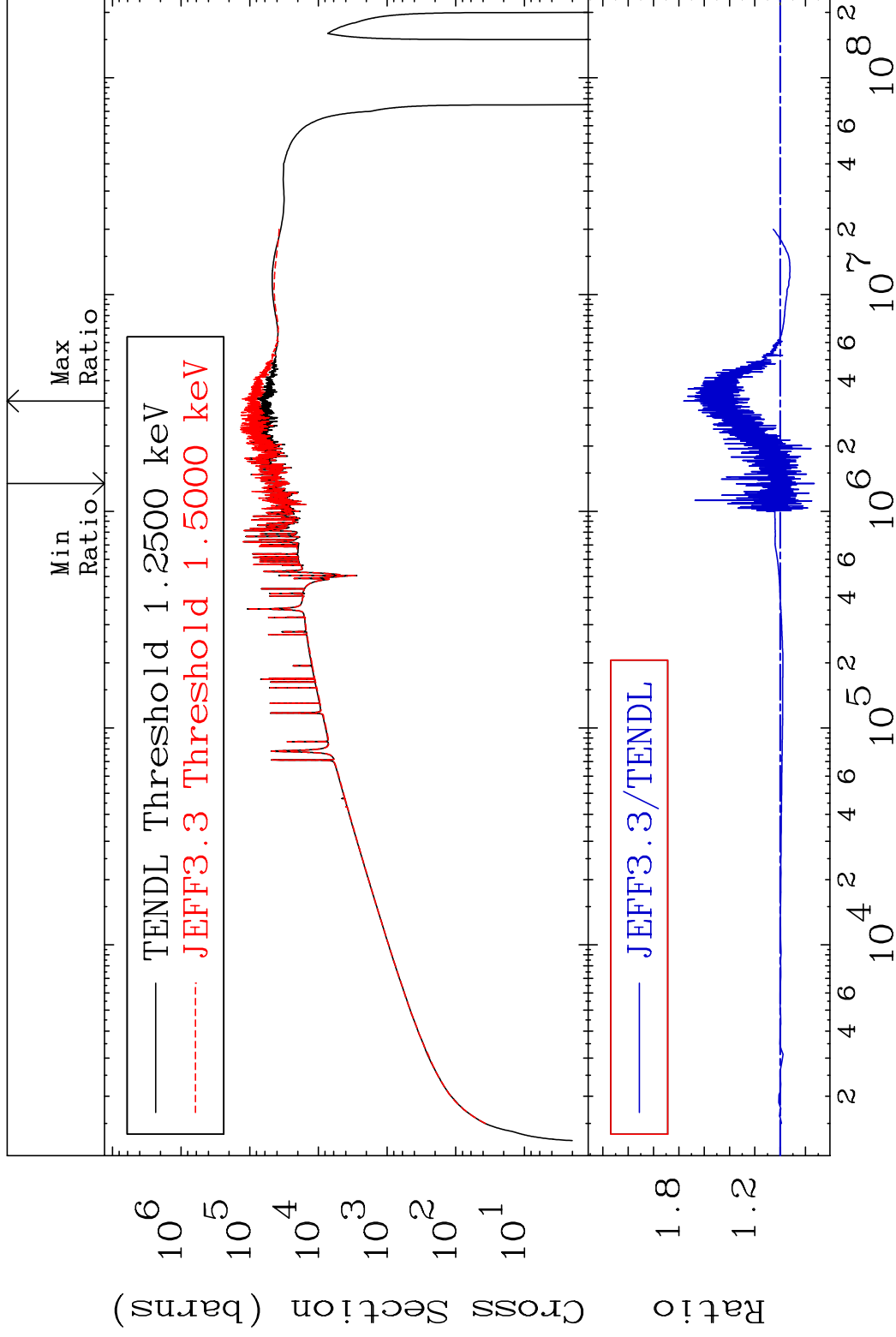
MAT 8237

Dpa elastic (mt2)

82-Pb-208

Cross Section

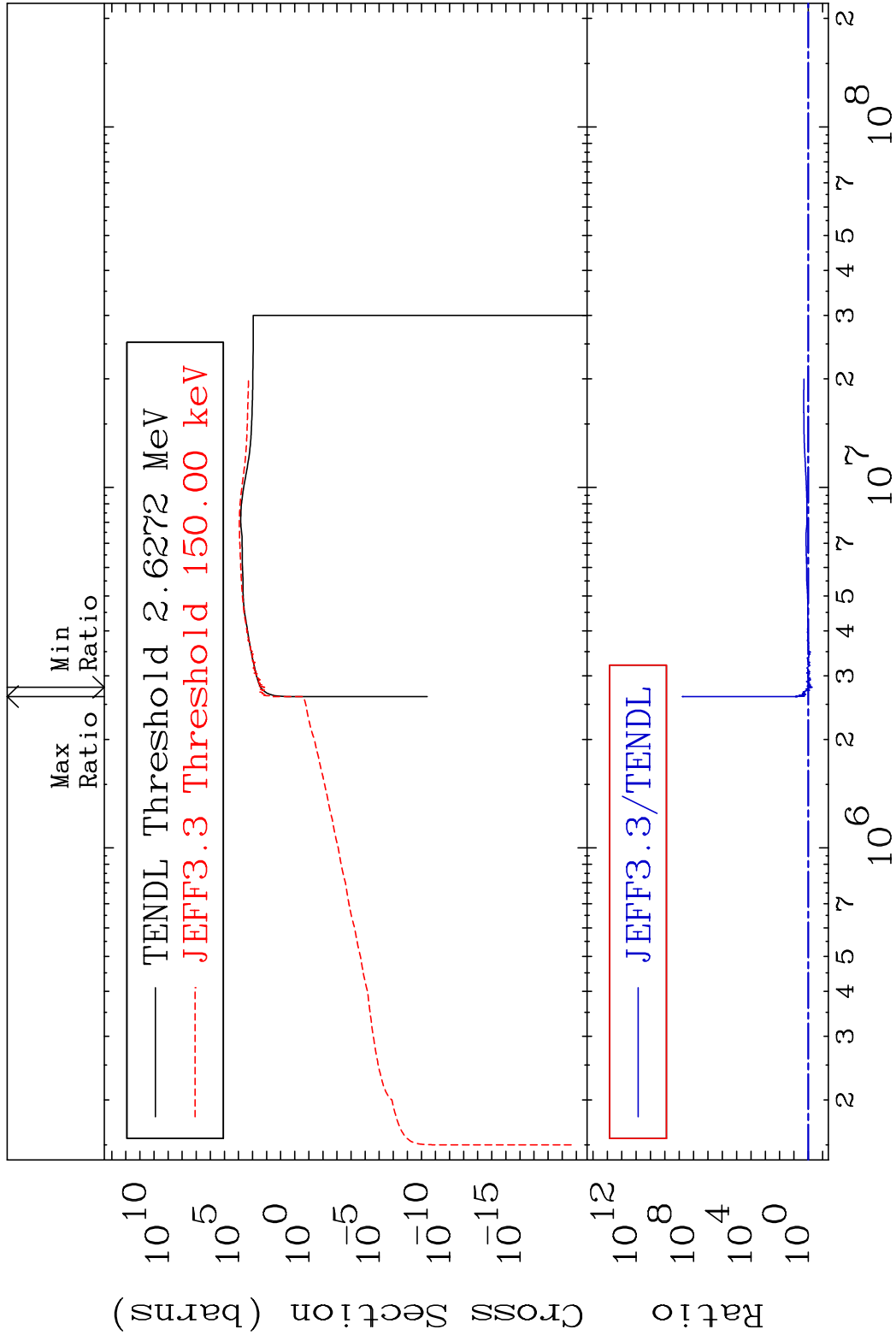
-26.78 To 76.20 %



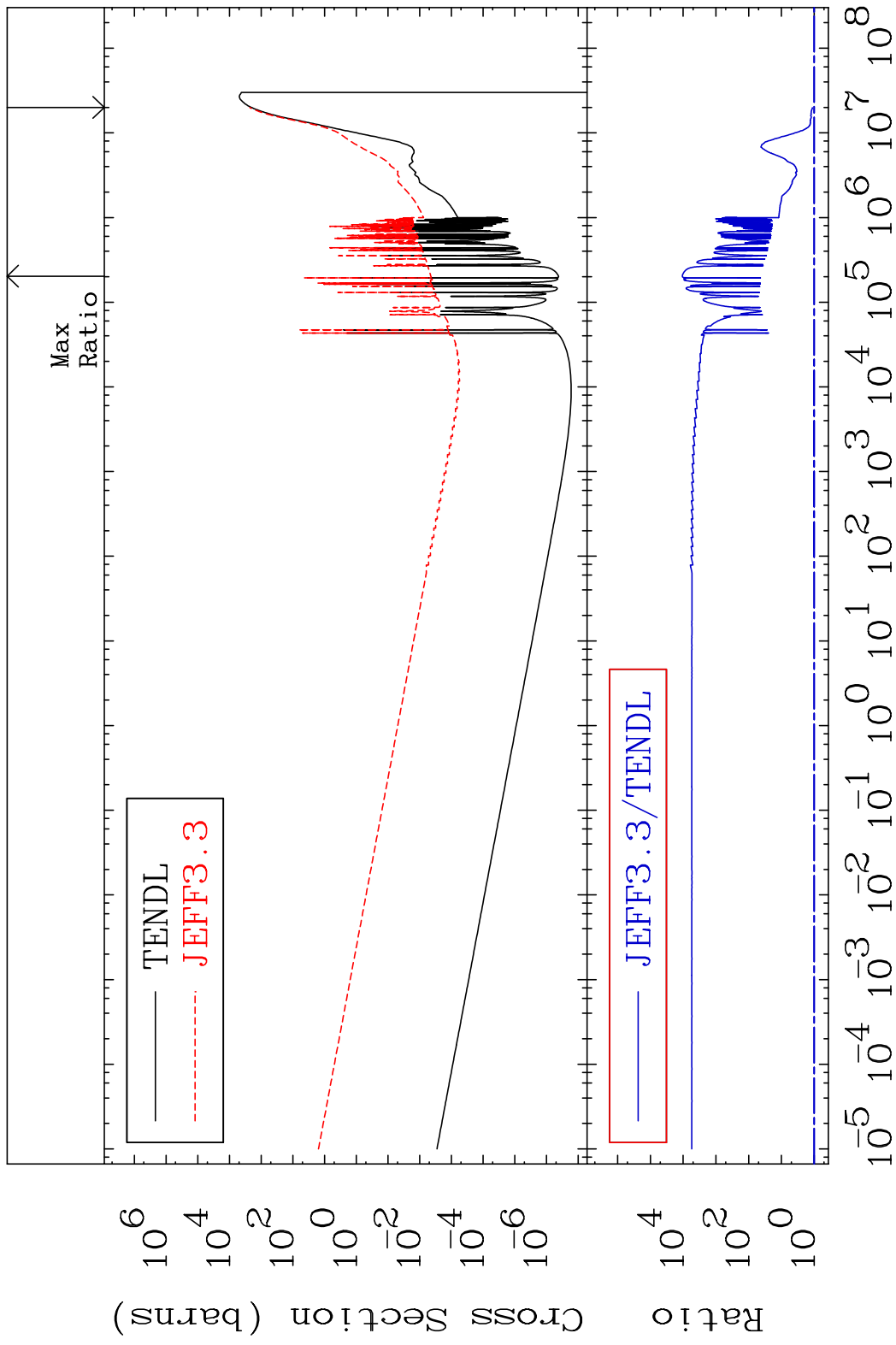
48

Incident Energy (eV)

82-Pb-208



MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section 12.45 To 9999. %

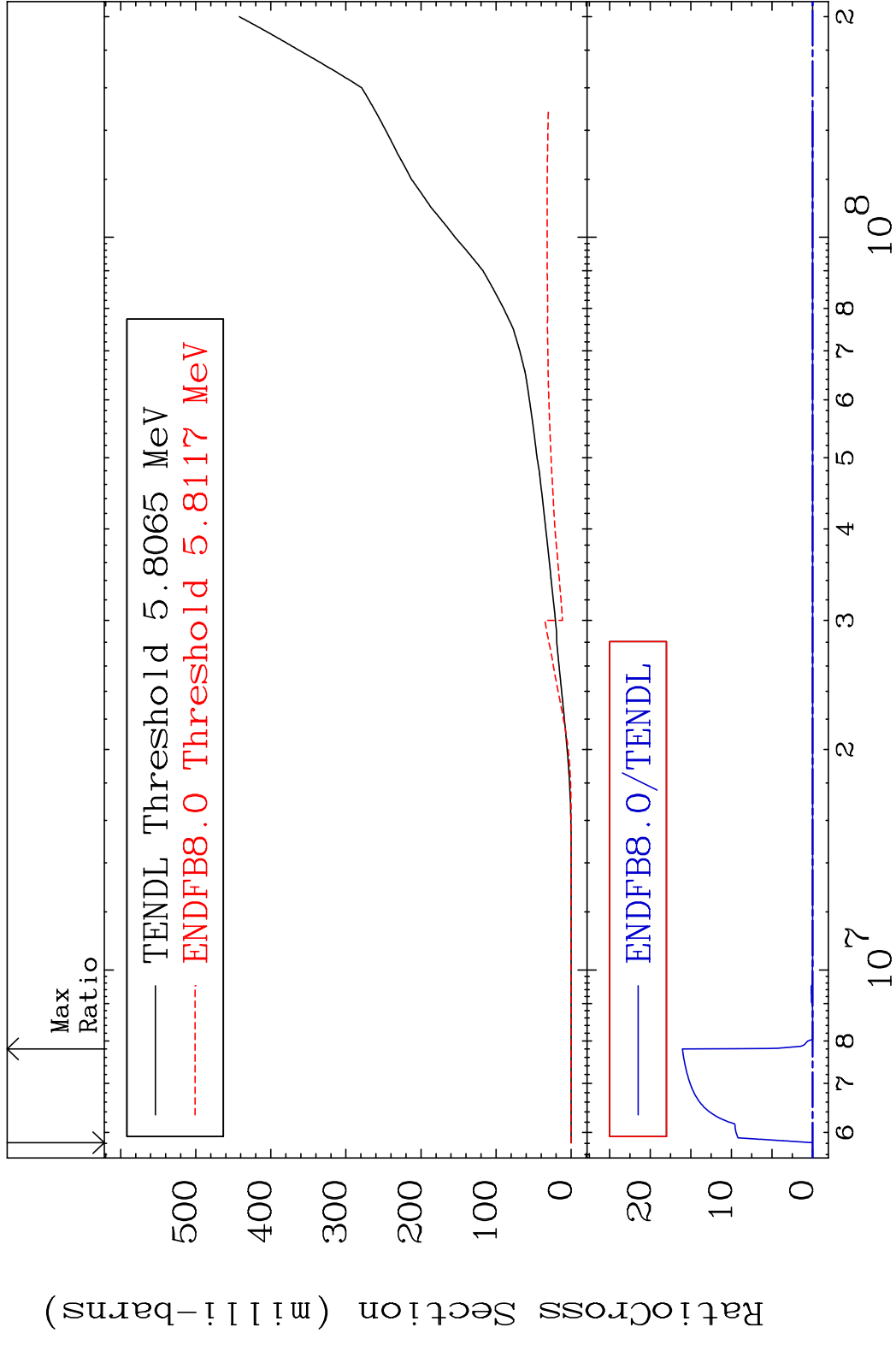


MAT 8237

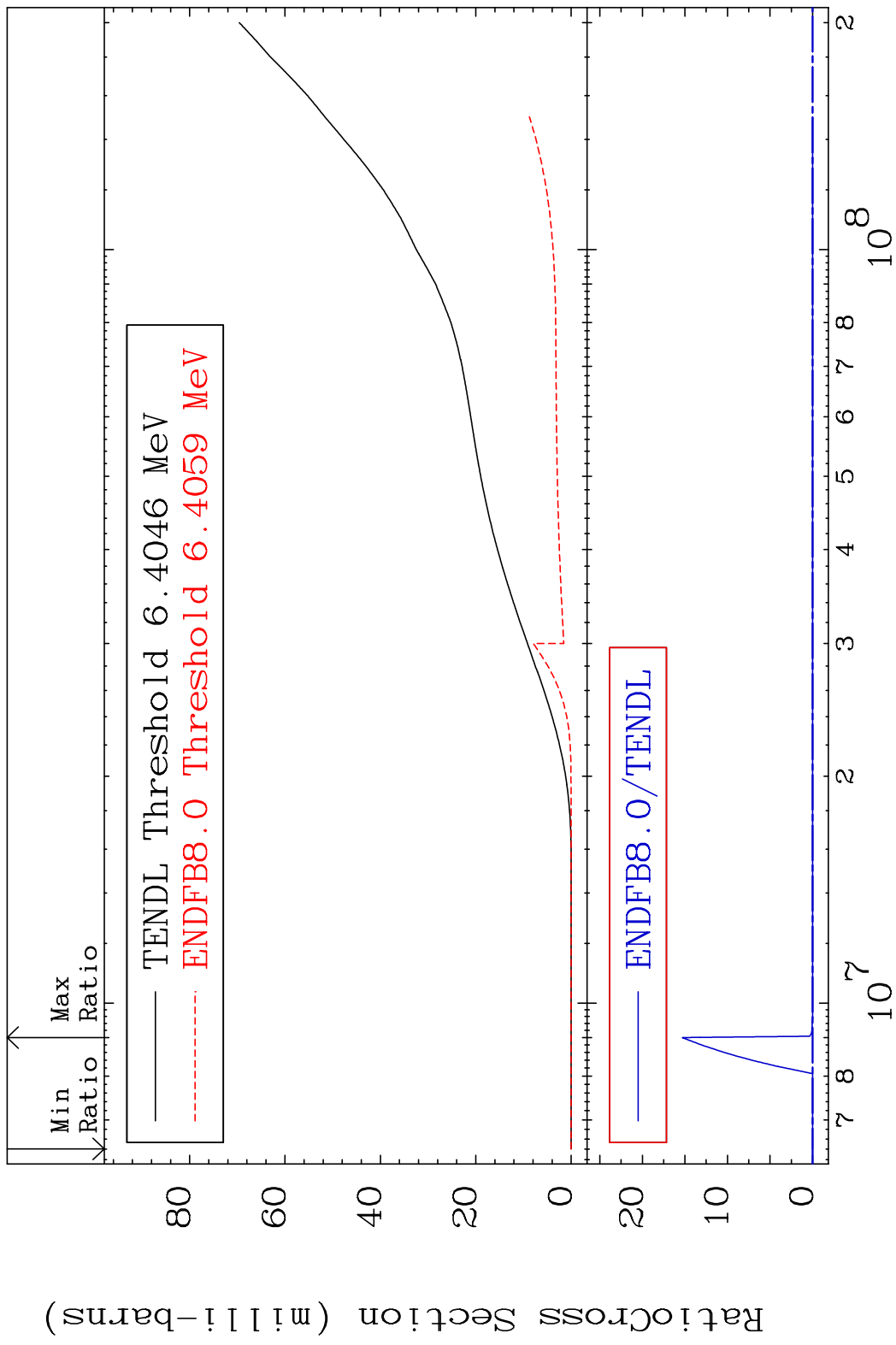
Deuterium Production

82-Pb-208

Cross Section -100.0 To 9999. %



MAT 8237 Tritium Production 82-Pb-208
 Cross Section -100.0 To 9999. %

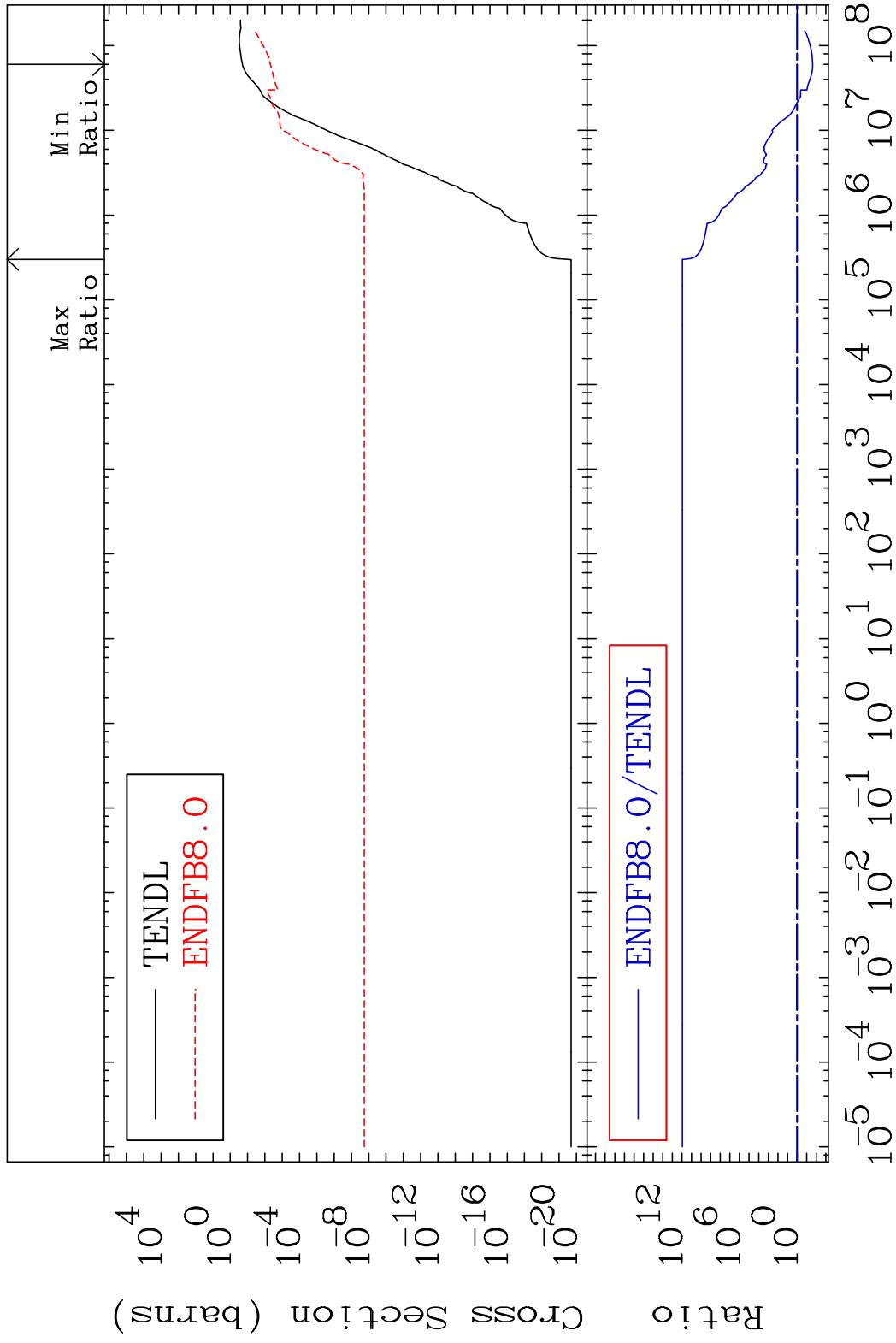


MAT 8237

He-4 Production

82-Pb-208

Cross Section -97.58 To 9999. %



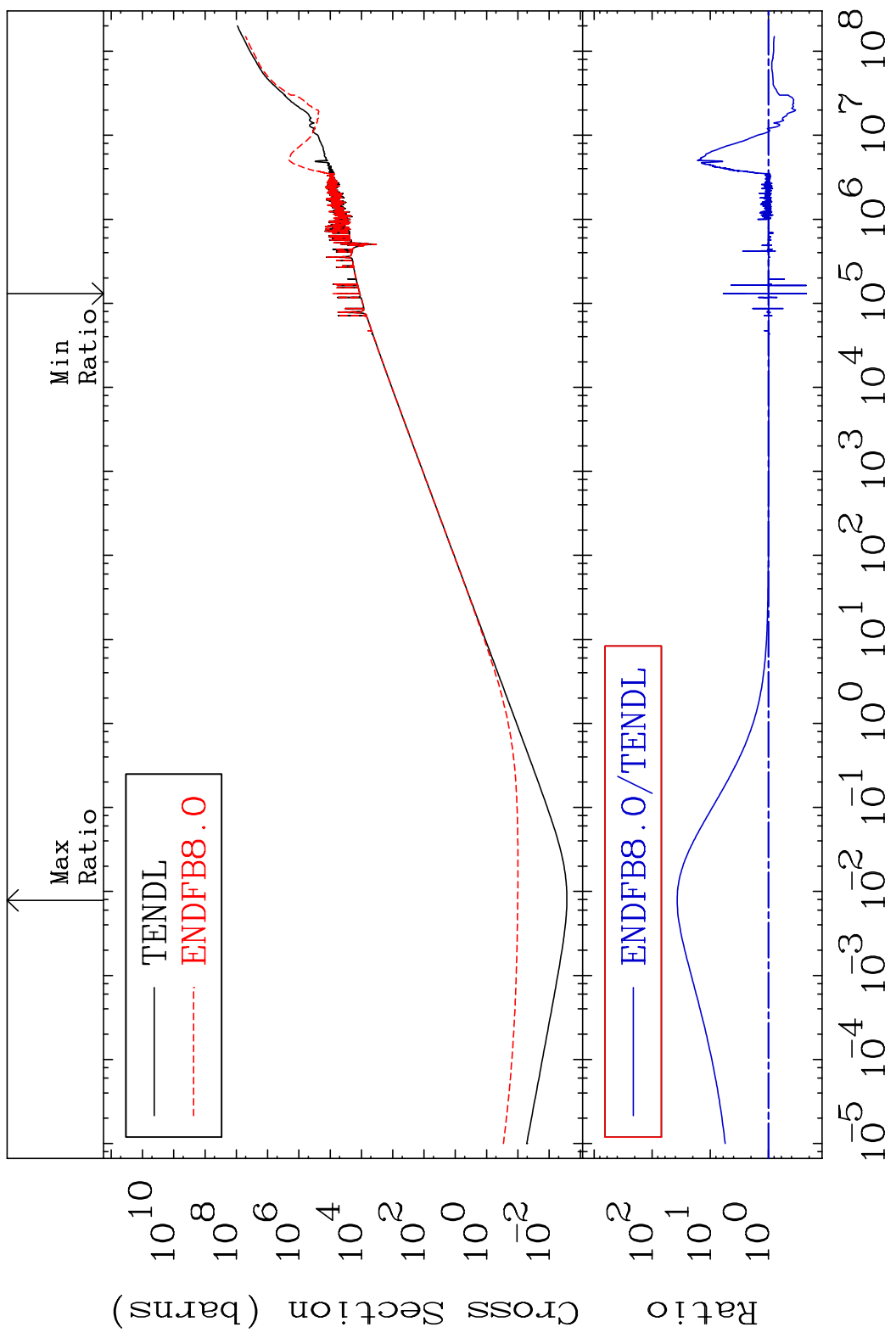
53

Incident Energy (eV)

82-Pb-208

MAT 8237

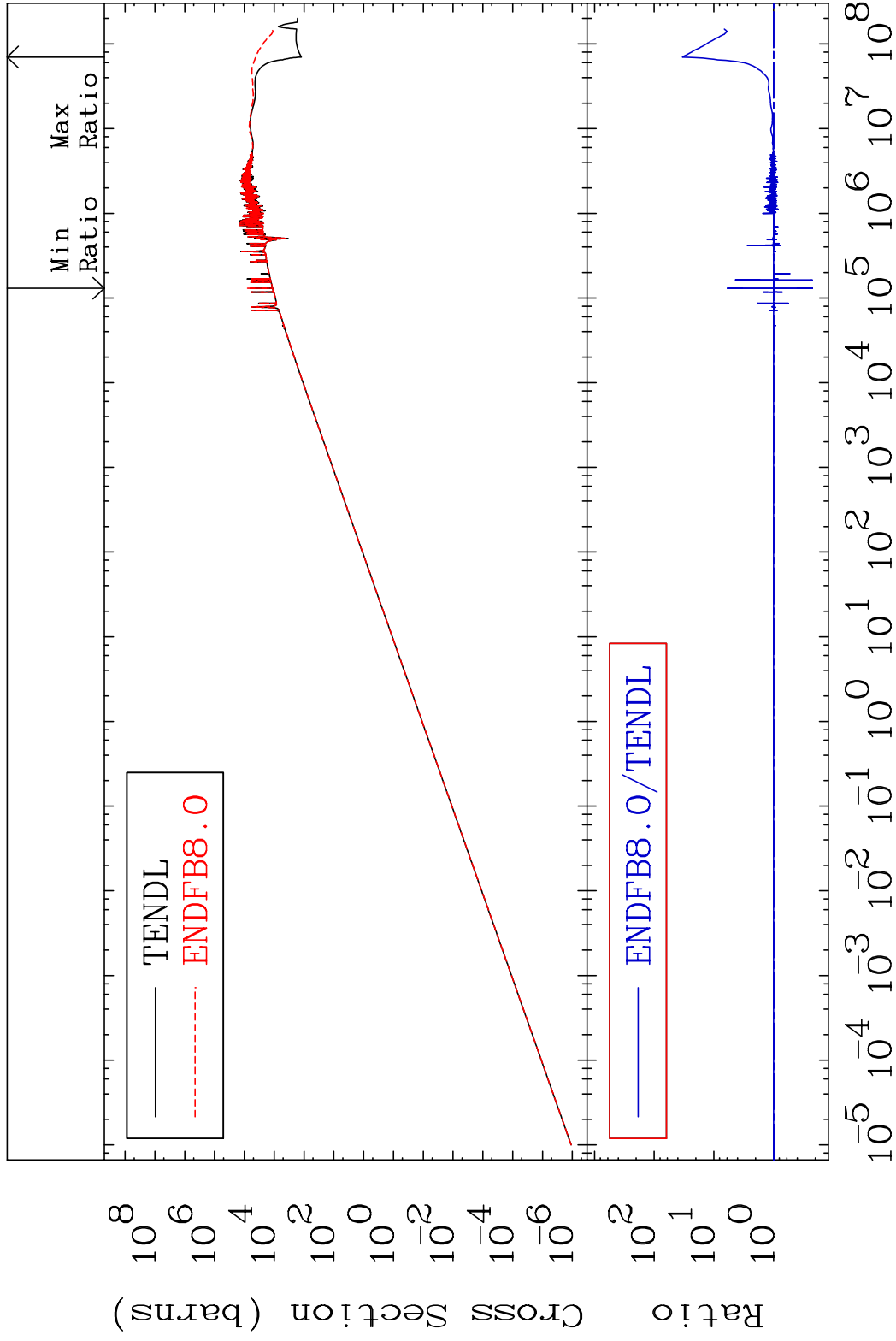
Kerma total (eV-barns) 82-Pb-208
Cross Section -77.75 To 3618. %



MAT 8237

Kerma elastic
Cross Section

82-Pb-208
-77.77 To 3273. %

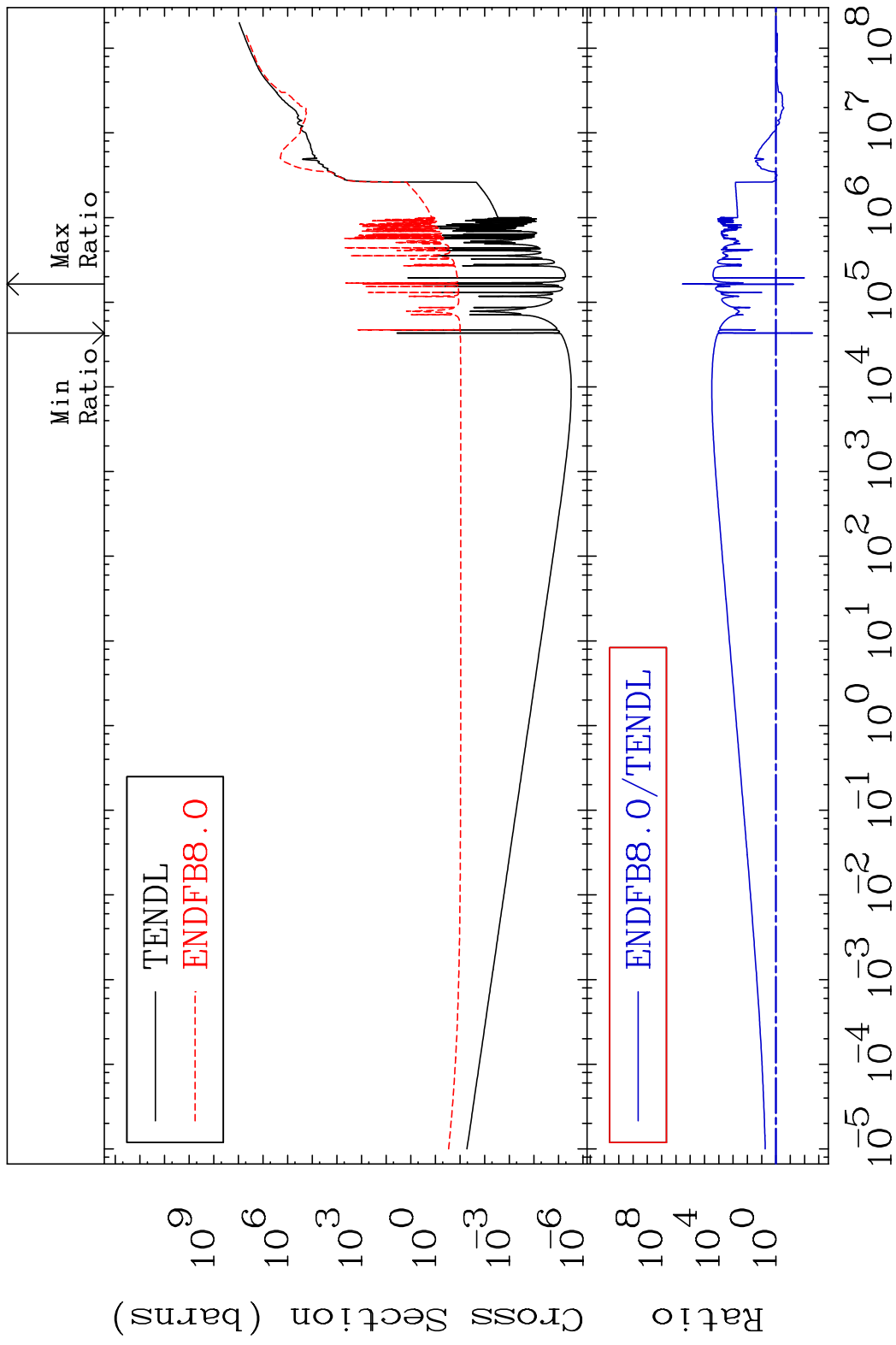


55

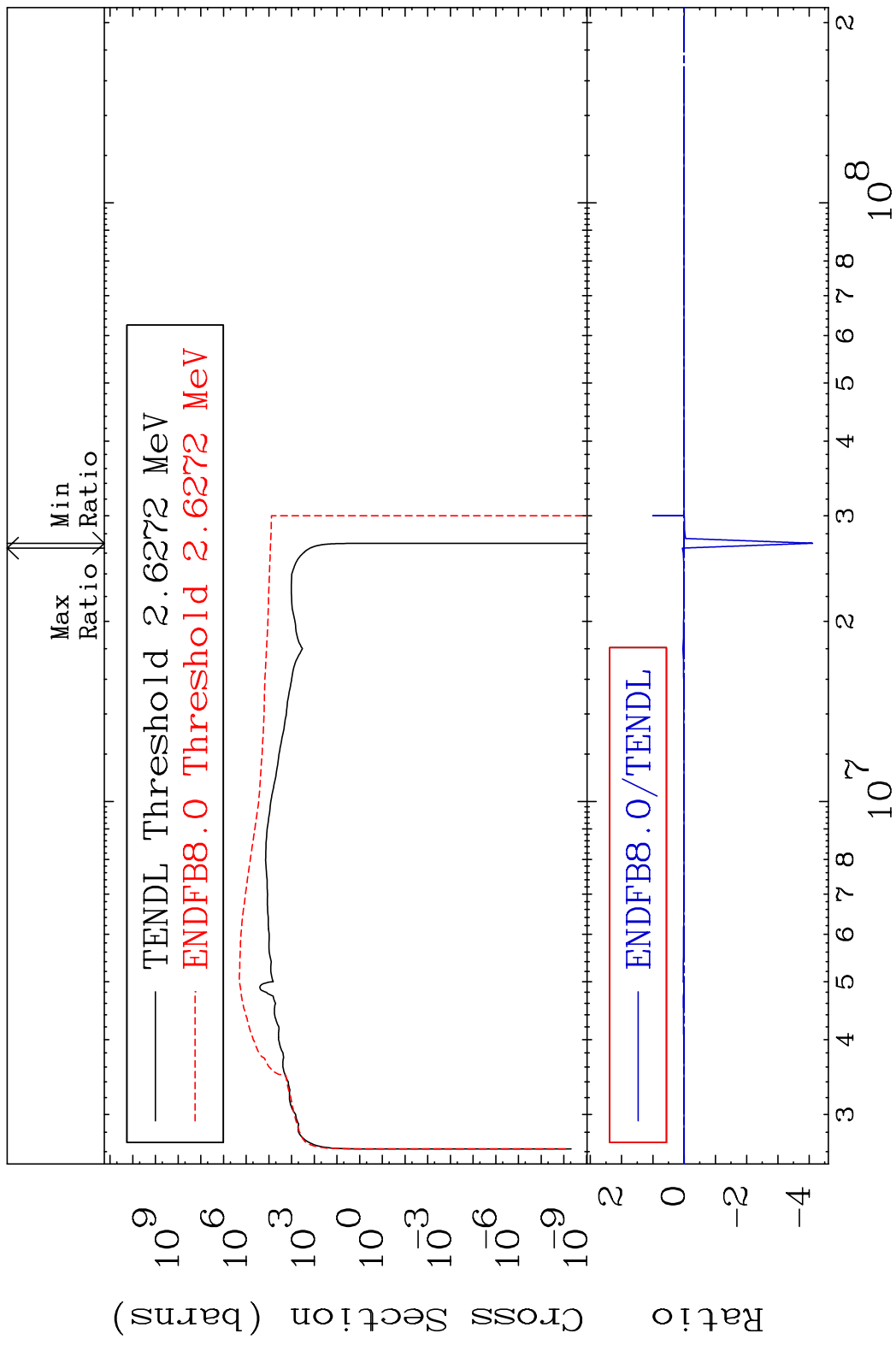
Incident Energy (eV)

82-Pb-208

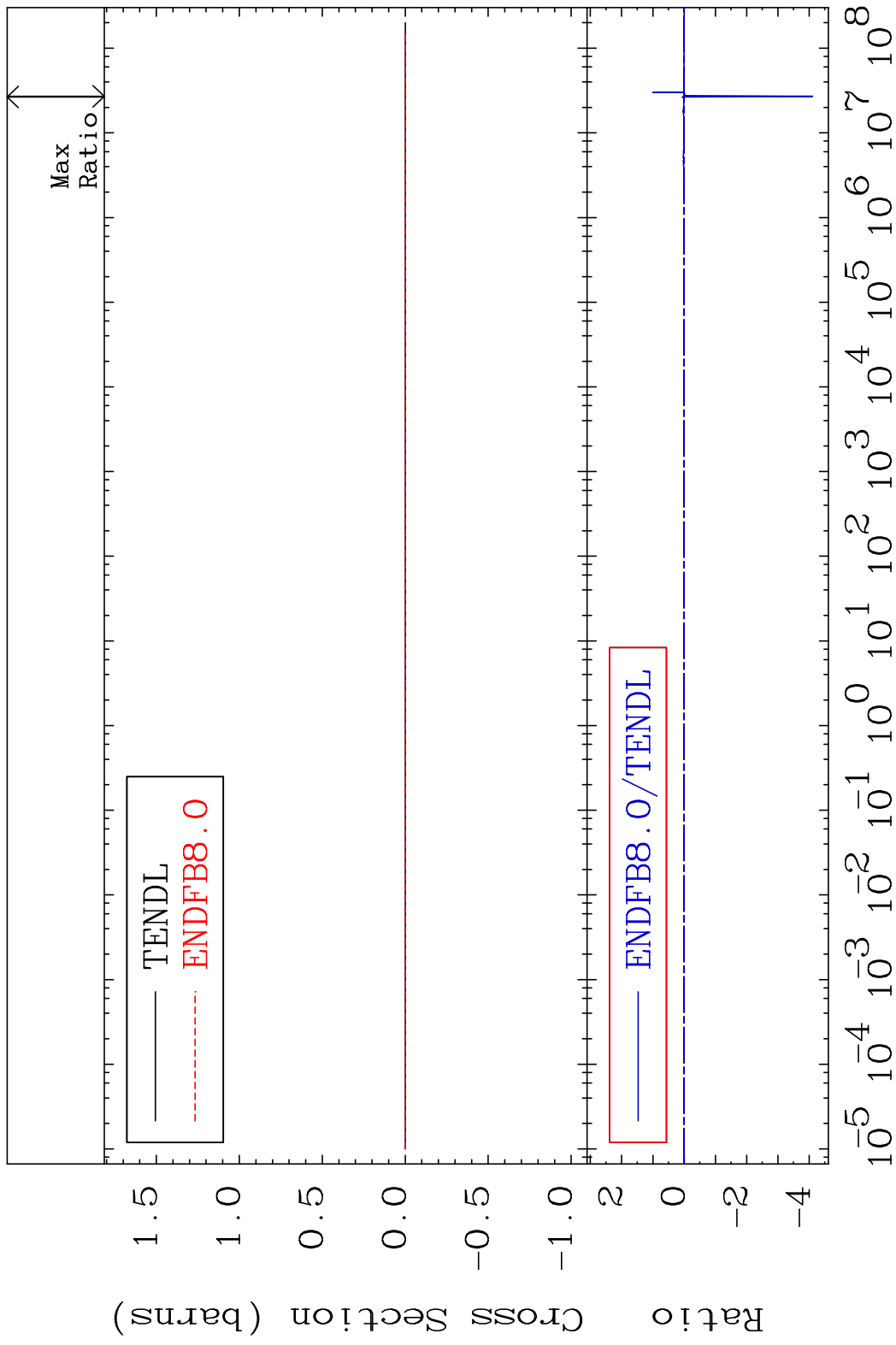
MAT 8237 Kerma non-elastic (all but mt2) 82-Pb-208
 Cross Section -99.73 To 9999. %



MAT 8237 Kerma inelastic (mt51-91) 82-Pb-208
 Cross Section -9999. To 5546. %



MAT 8237 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-208
 Cross Section -9999. To 5546. %

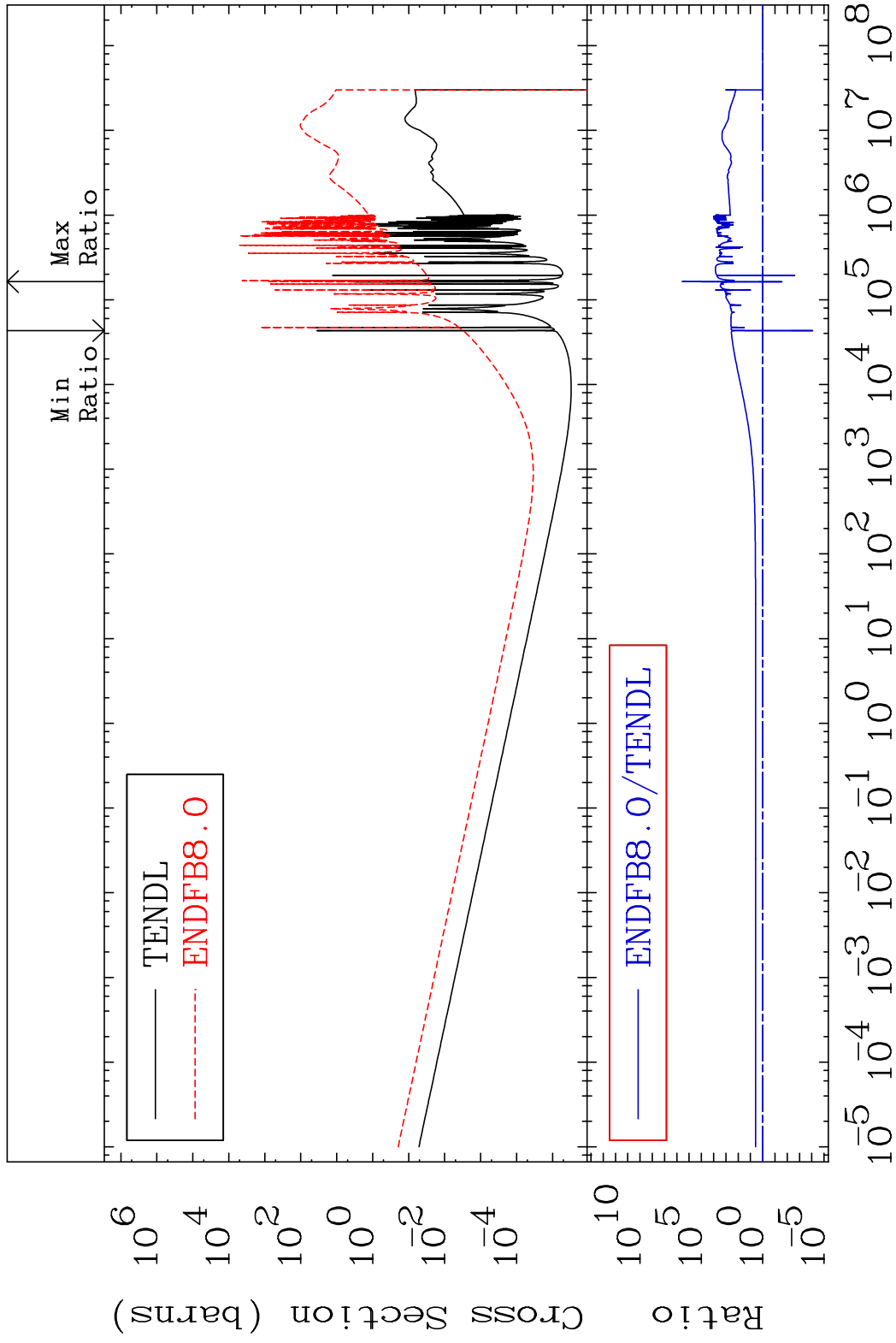


MAT 8237

Kerma capture (mt102)

82-Pb-208

Cross Section -99.99 To 9999. %



59

Incident Energy (eV)

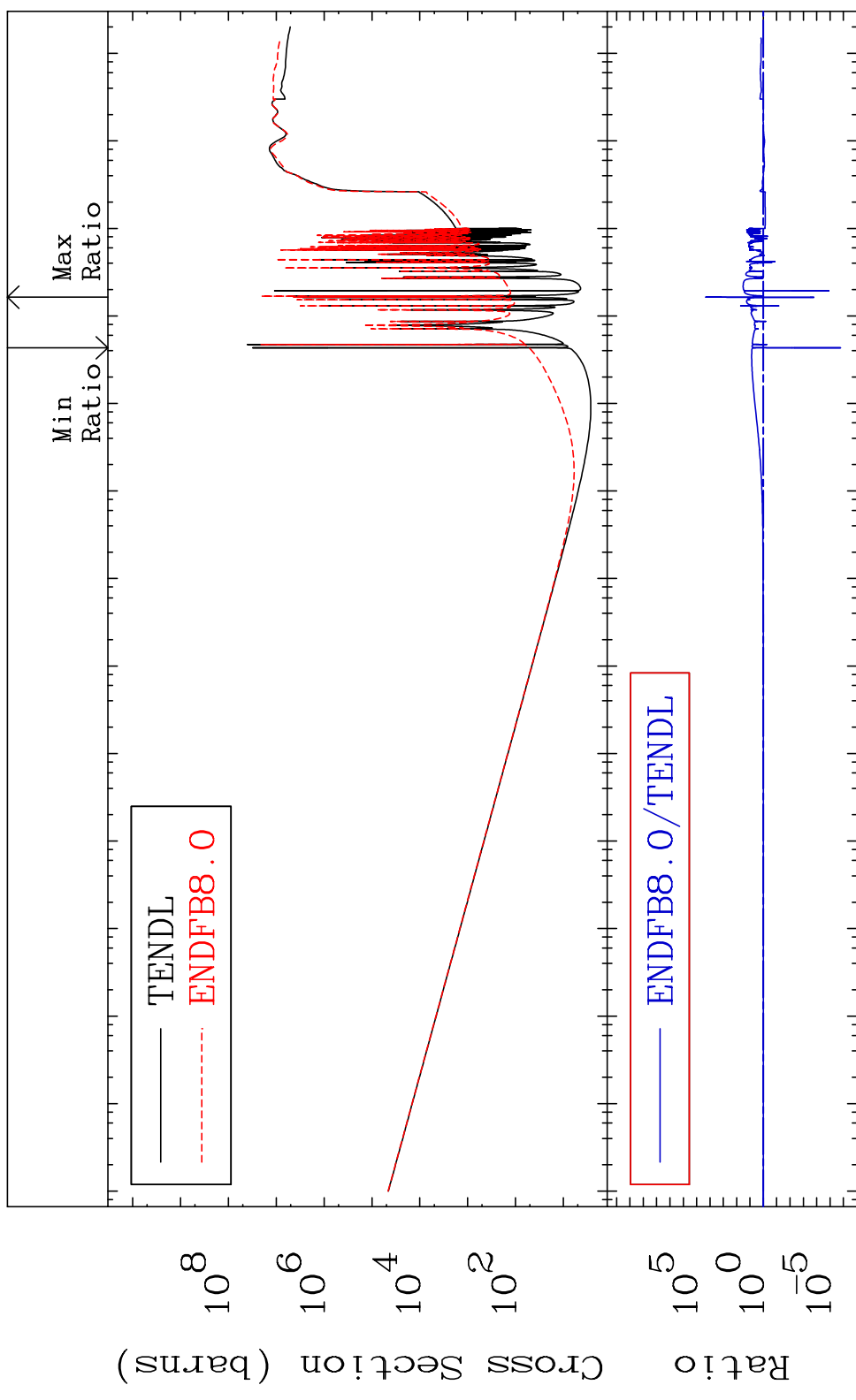
82-Pb-208

MAT 8237

Total photon (eV-barns)

82-Pb-208

Cross Section -100.0 To 9999. %

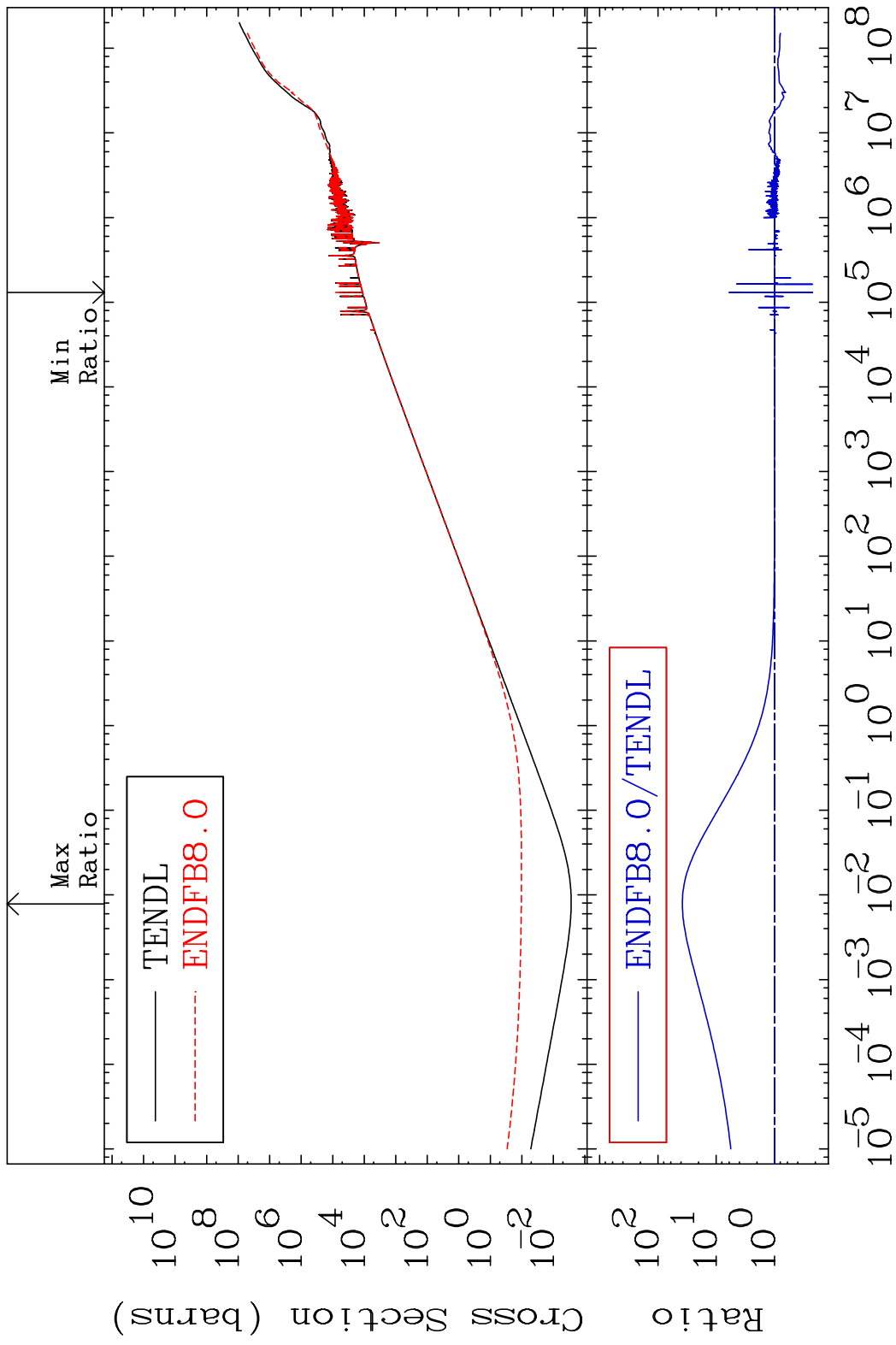


60

Incident Energy (eV)

82-Pb-208

MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -77.75 To 3712. %

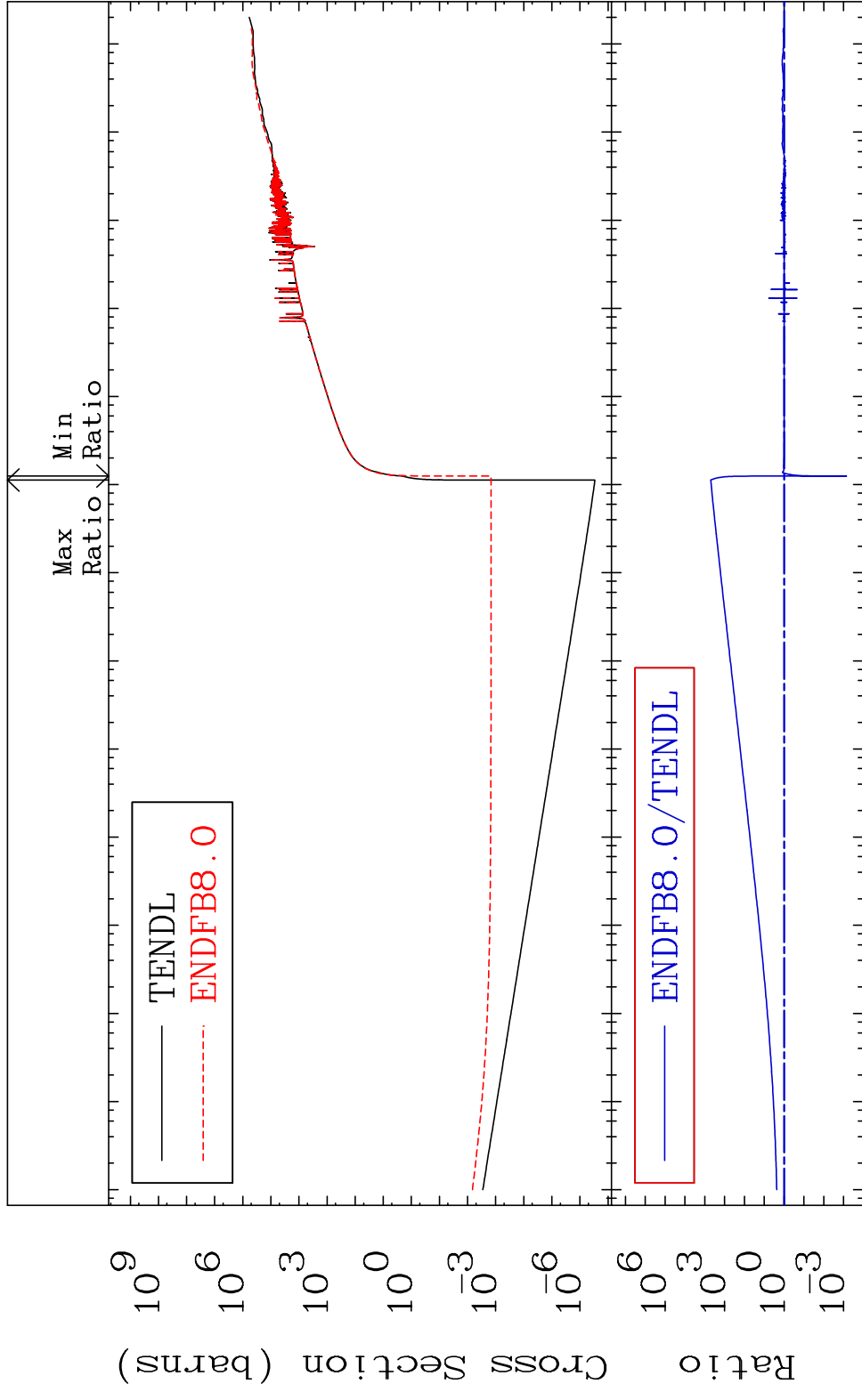


MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section -99.93 To 9999. %

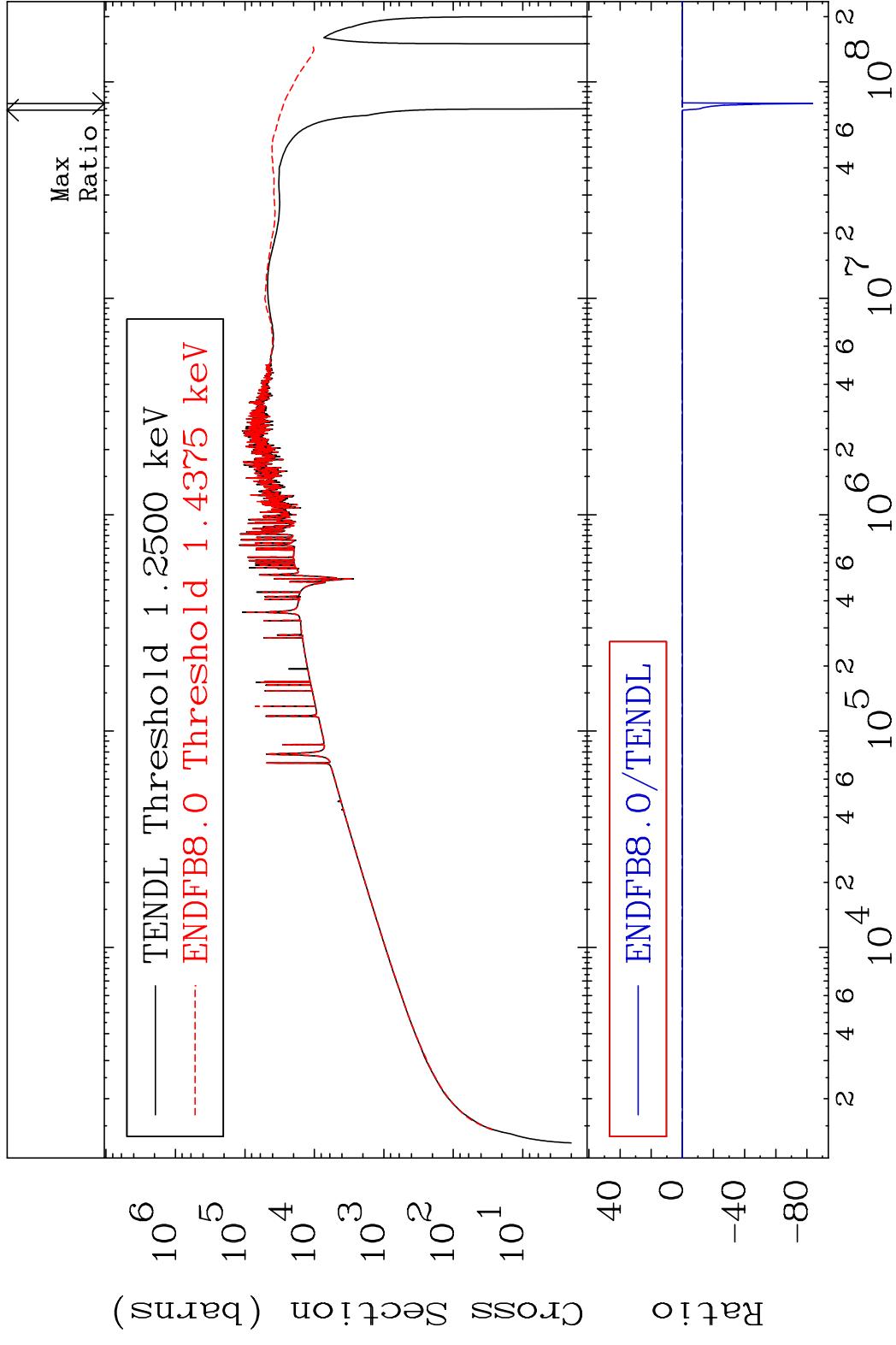


MAT 8237

Dpa elastic (mt2)

82-Pb-208

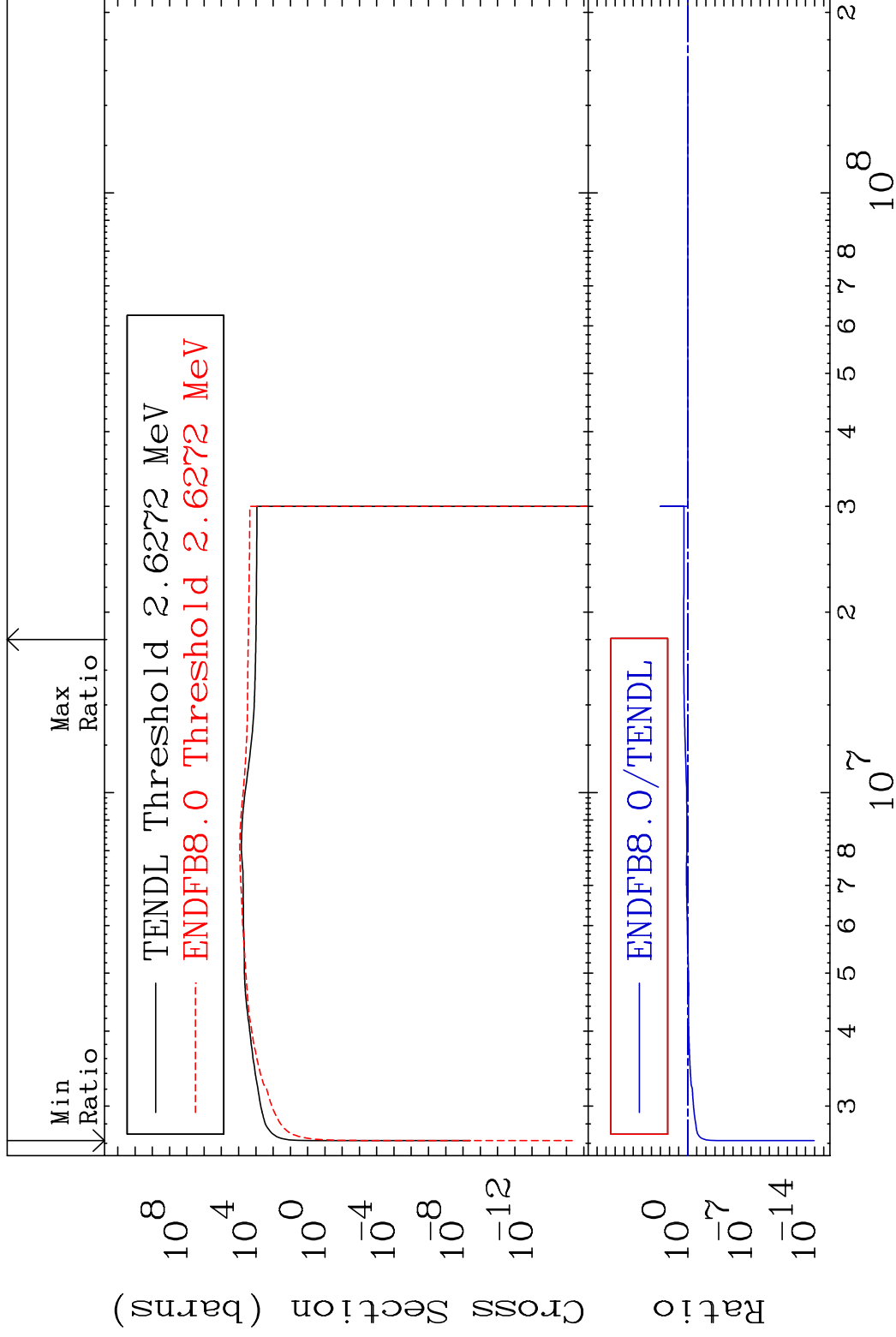
Cross Section -9999. To 8462. %



MAT 8237

Dpa inelastic (mt51-91) 82-Pb-208

Cross Section -100.0 To 178.6 %



64

Incident Energy (eV)

82-Pb-208

MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section -99.92 To 9999. %

