

Program Complot
(Version 2021-1)

by

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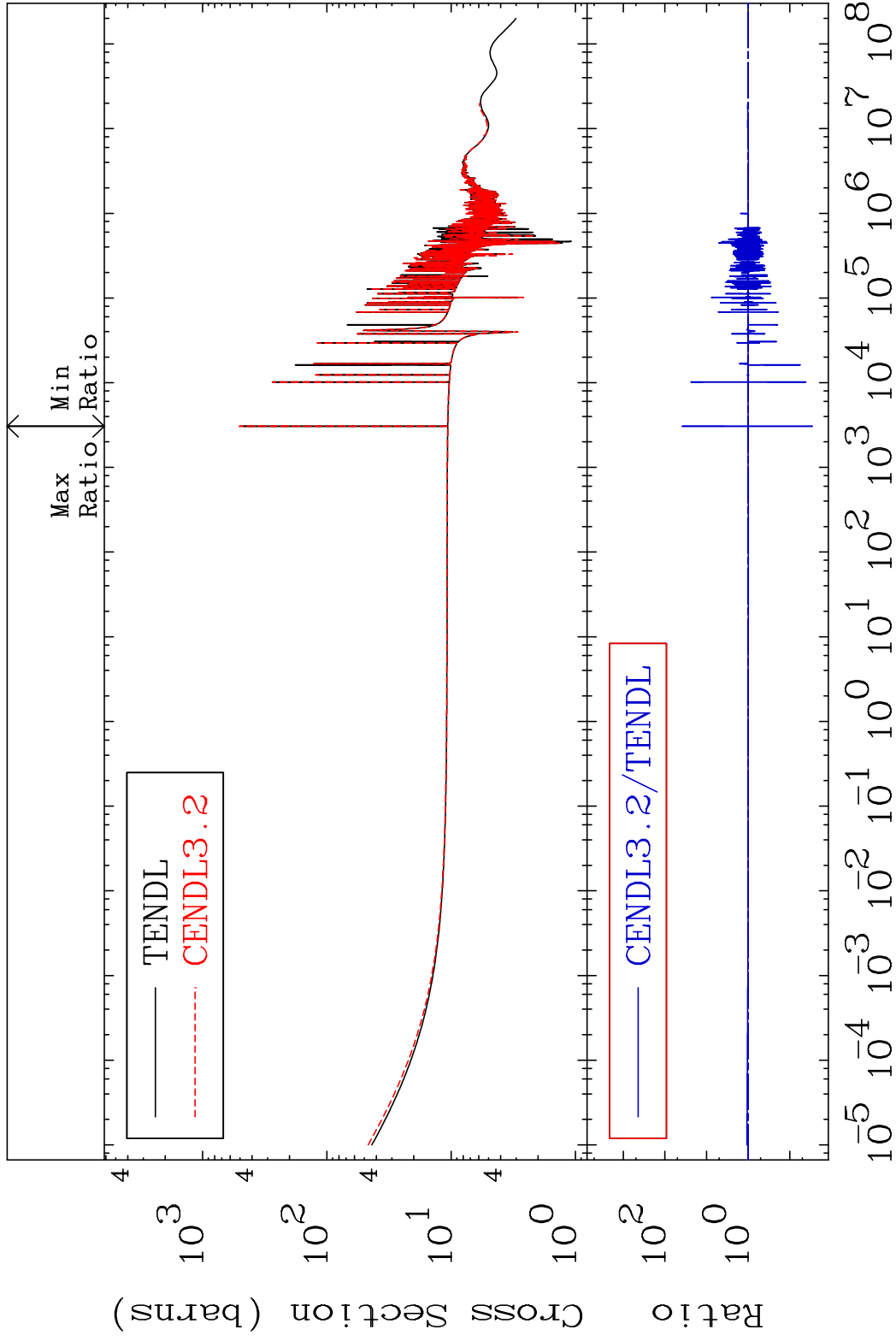
Press Mouse Button to Start

MAT 8234

Total

82-Pb-207

Cross Section -97.16 To 3715. %



1

Incident Energy (eV)

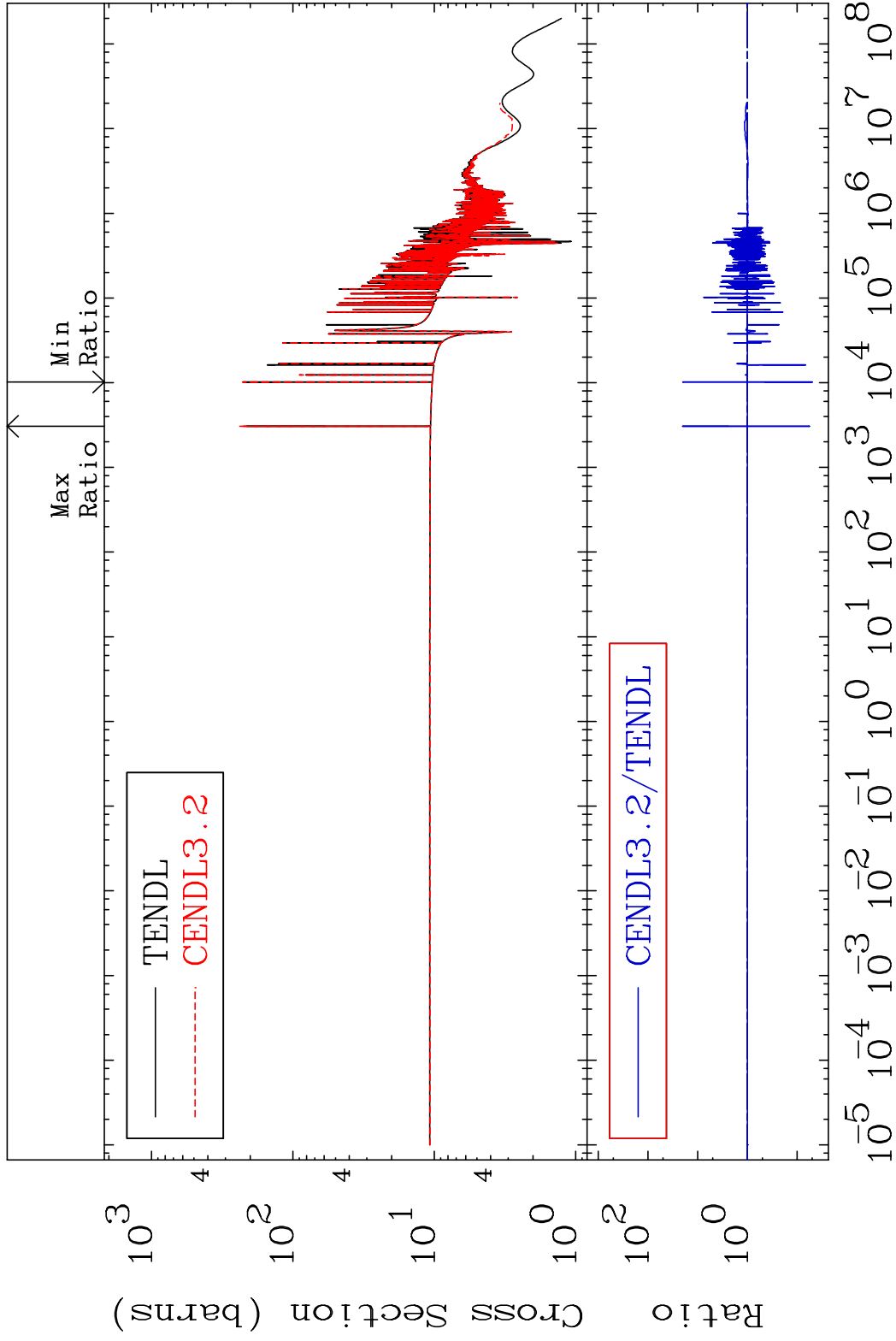
82-Pb-207

MAT 8234

Elastic

82-Pb-207

Cross Section -95.11 To 1932. %



2

Incident Energy (eV)

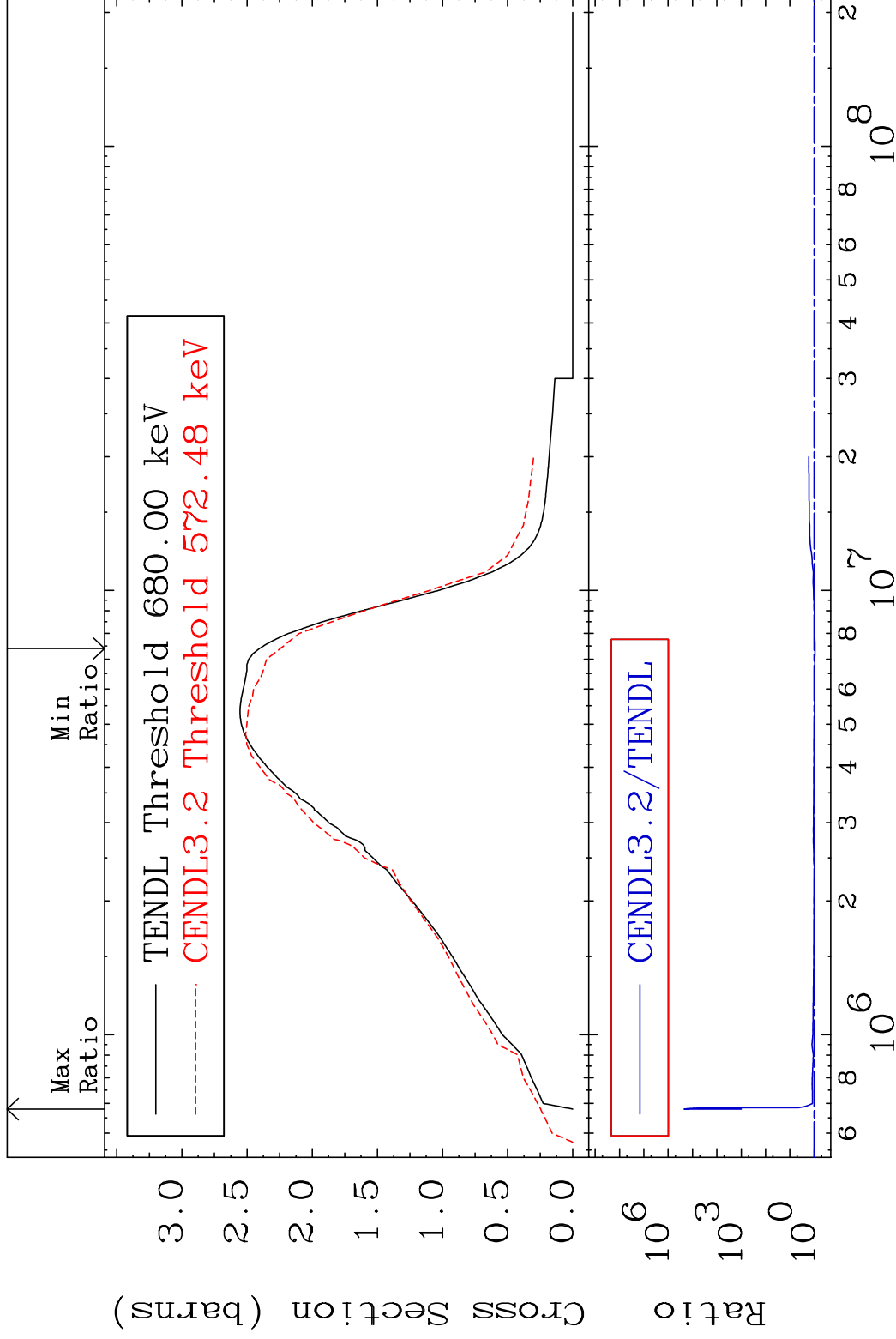
82-Pb-207

MAT 8234

Inelastic

82-Pb-207

Cross Section -6.669 To 9999. %



3

Incident Energy (eV)

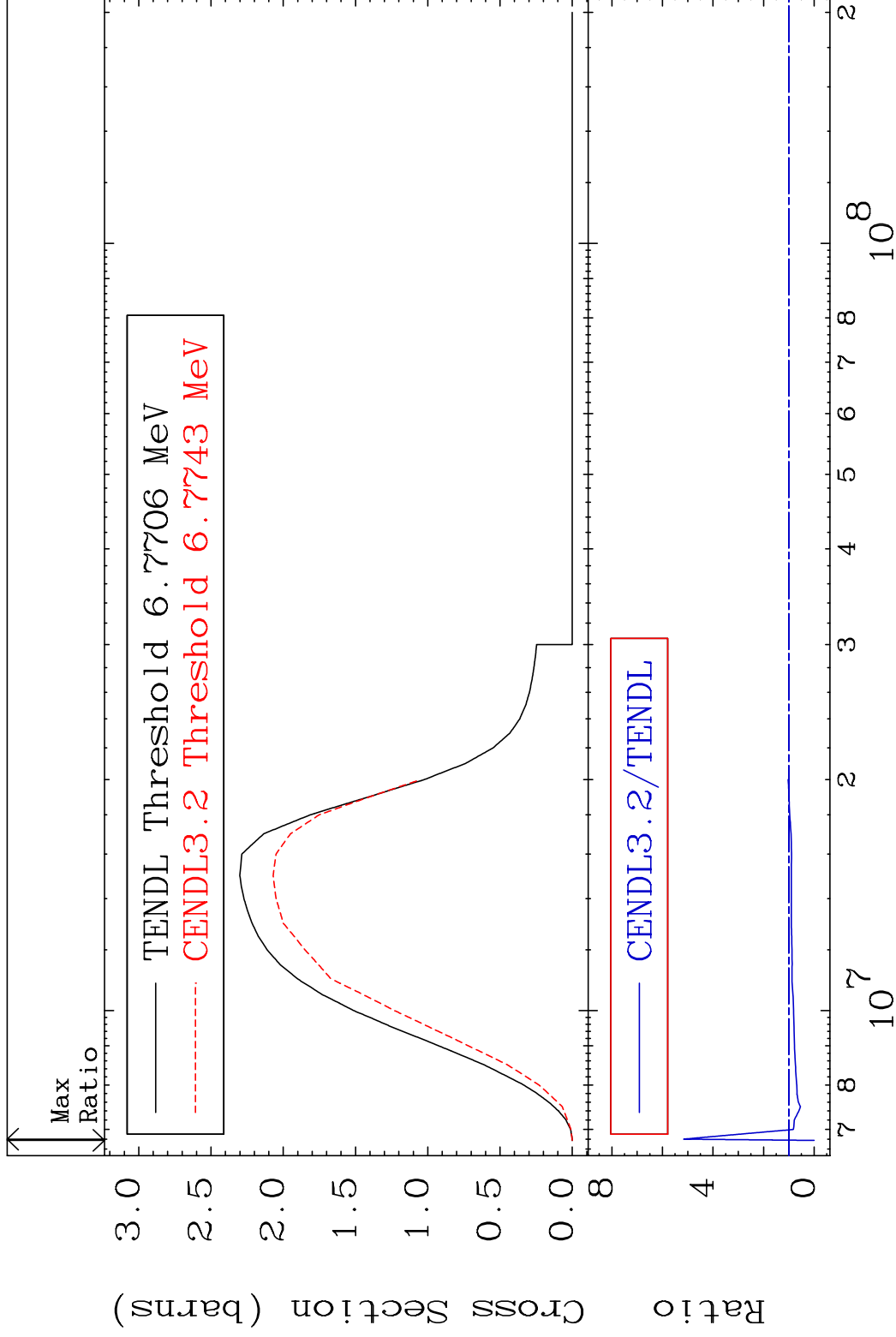
82-Pb-207

MAT 8234

(n,2n)

82-Pb-207

Cross Section -100.0 To 416.1 %



4

Incident Energy (eV)

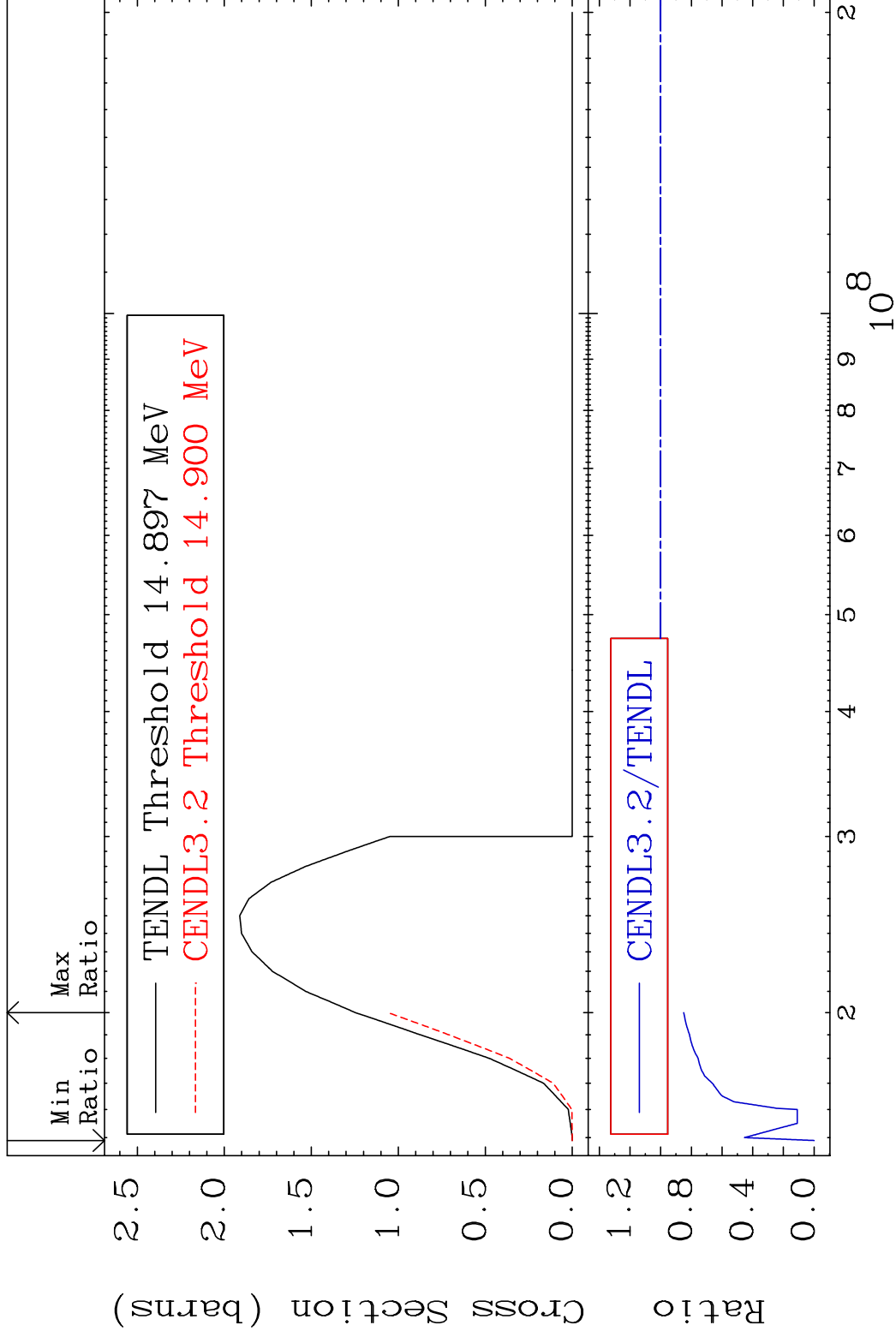
82-Pb-207

MAT 8234

(n,3n)

82-Pb-207

Cross Section -100.0 To -14.98%



5

Incident Energy (eV)

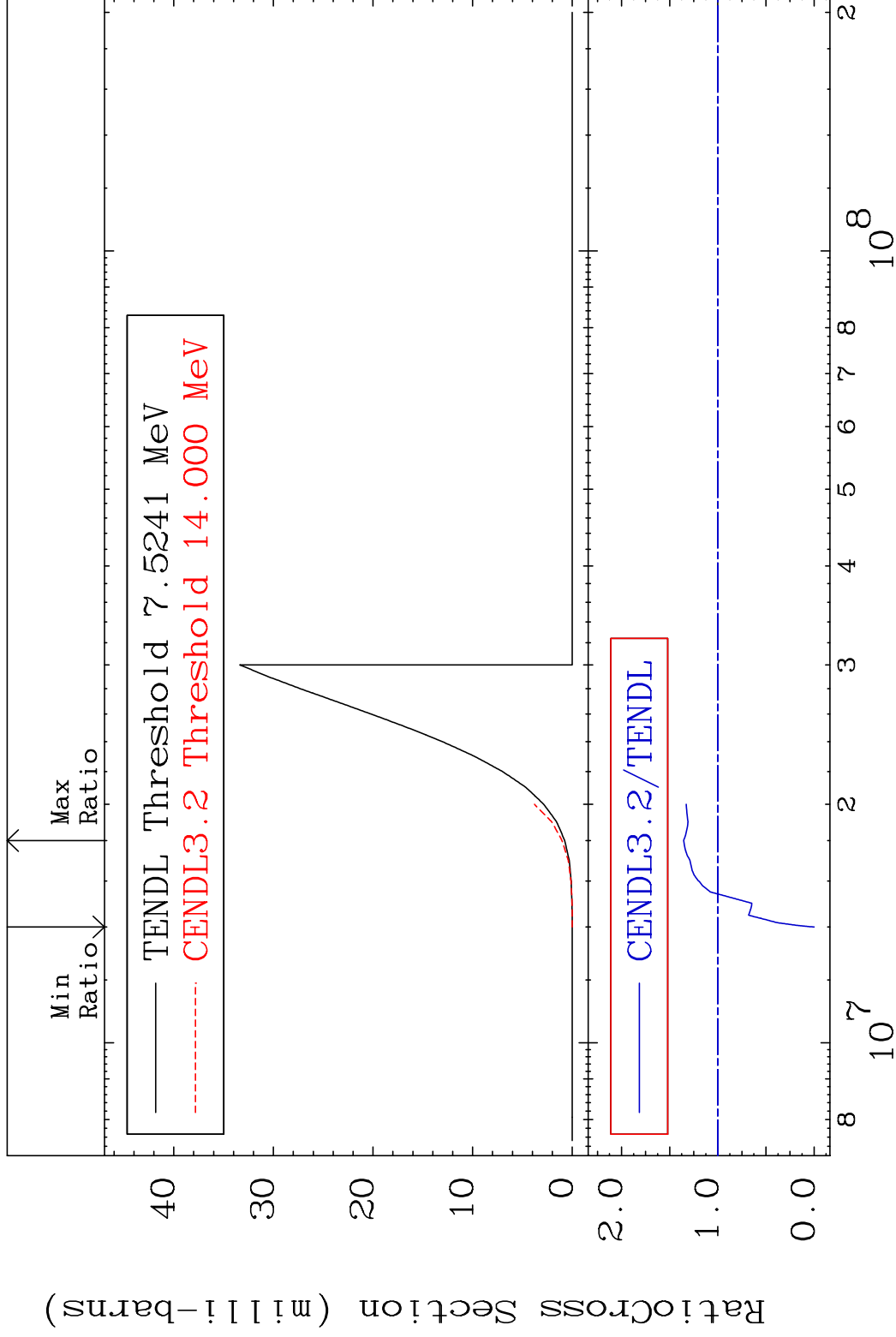
82-Pb-207

MAT 8234

(n, n') p

82-Pb-207

Cross Section -100.0 To 35.49 %

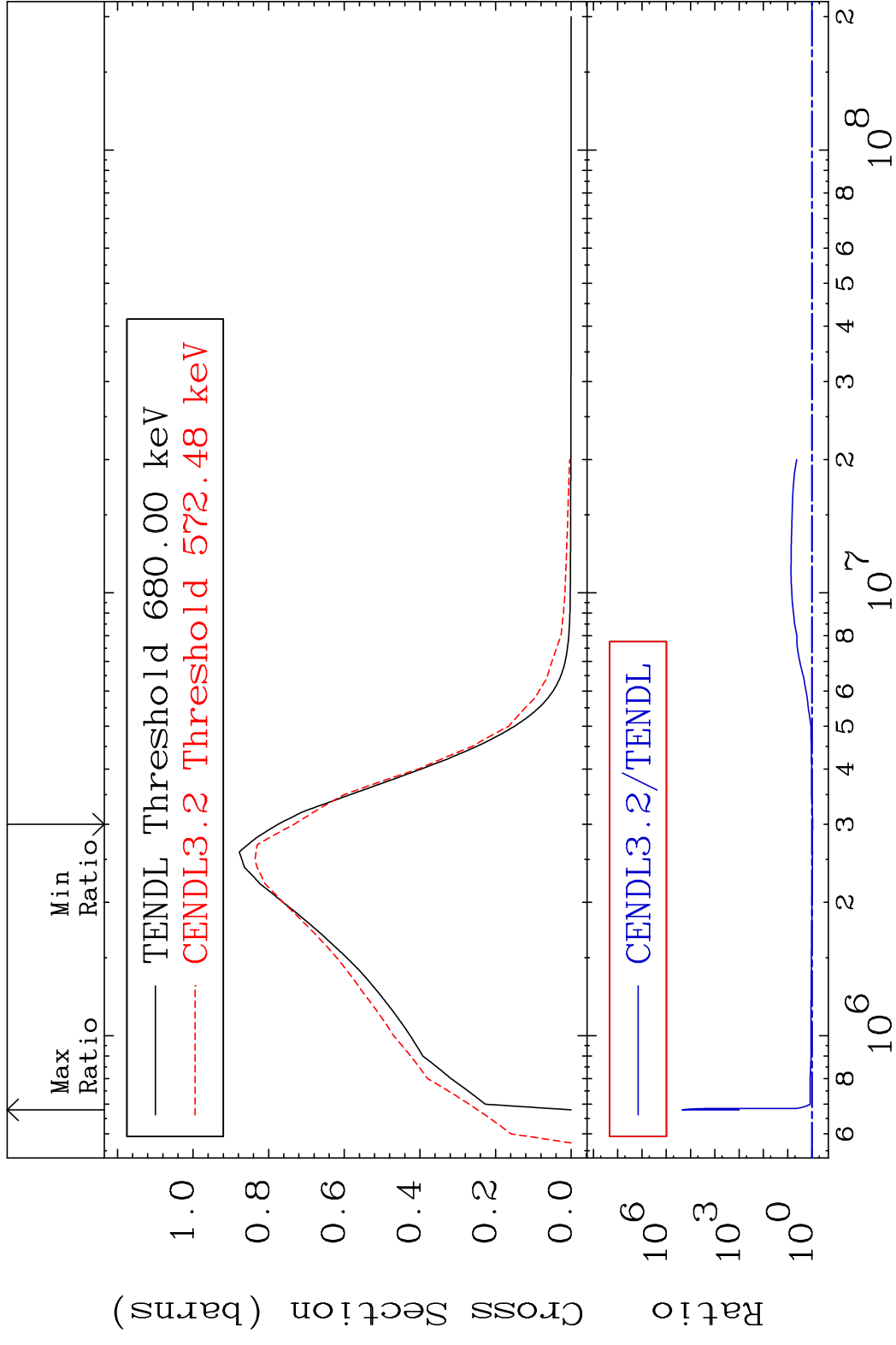


6

Incident Energy (eV)

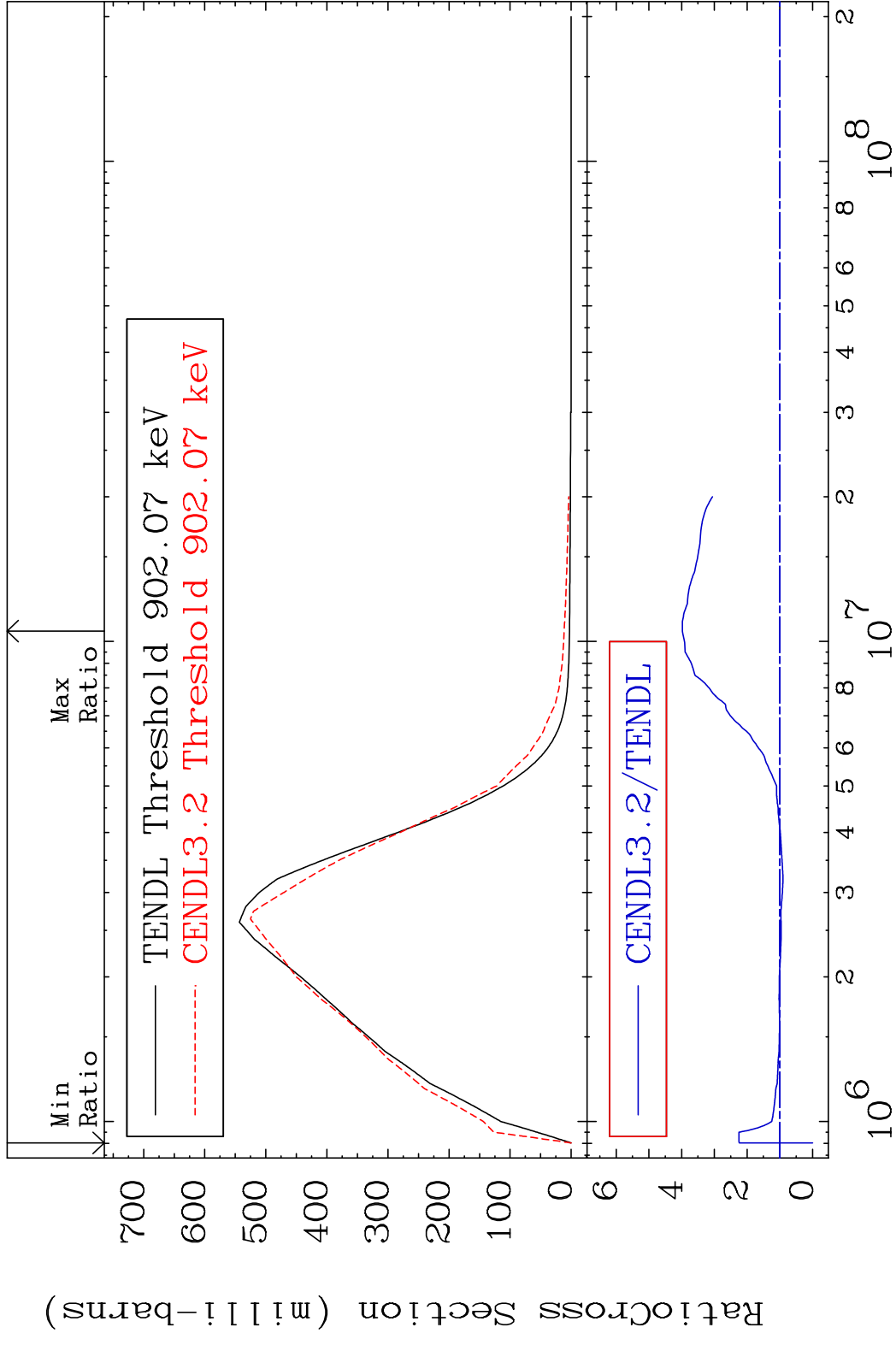
82-Pb-207

MAT 8234 MT= 51 (n,n') Level 82-Pb-207
 Cross Section -5.460 To 9999. %



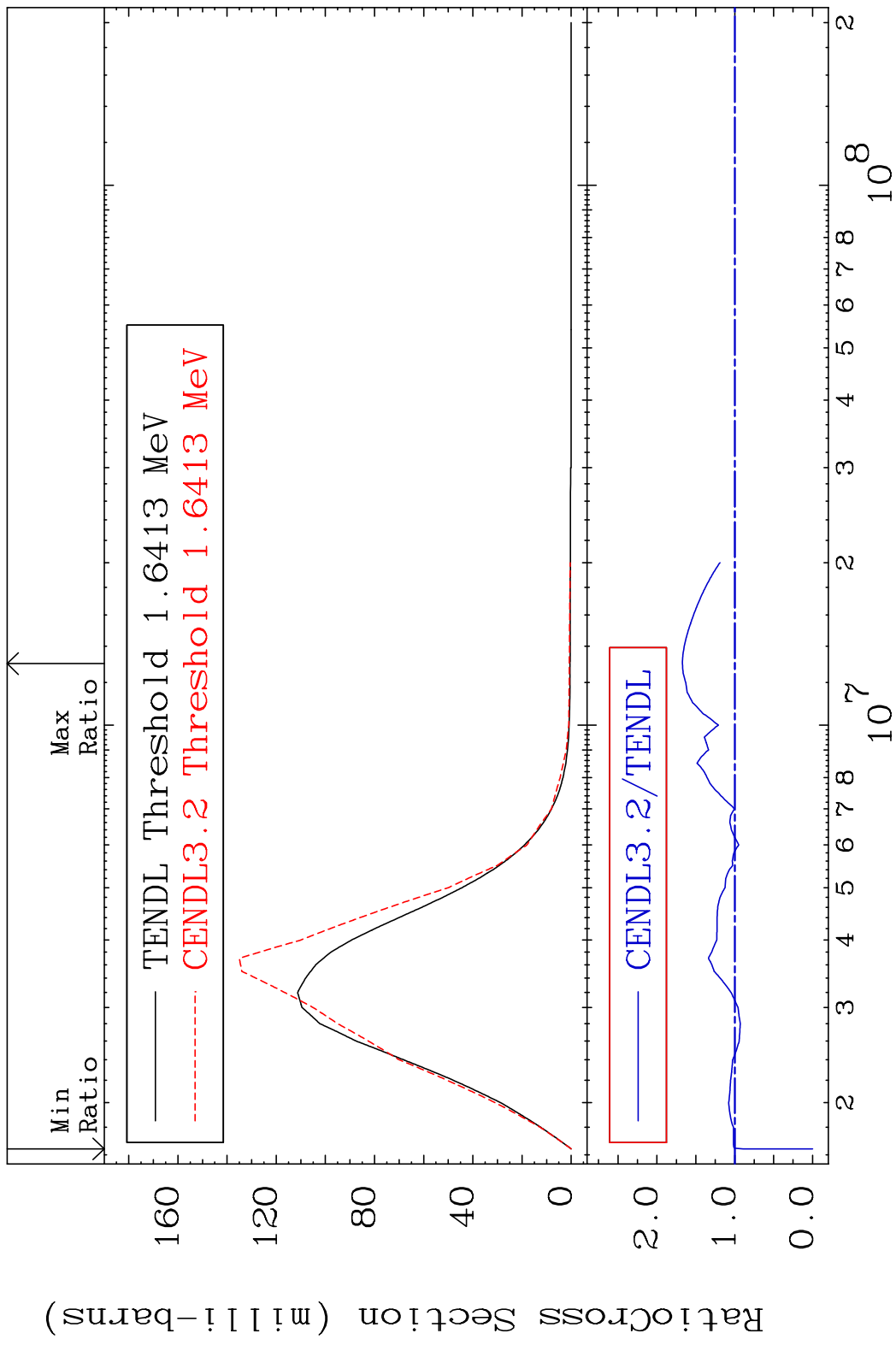
7 Incident Energy (eV) 82-Pb-207

MAT 8234 MT= 52 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 297.8 %

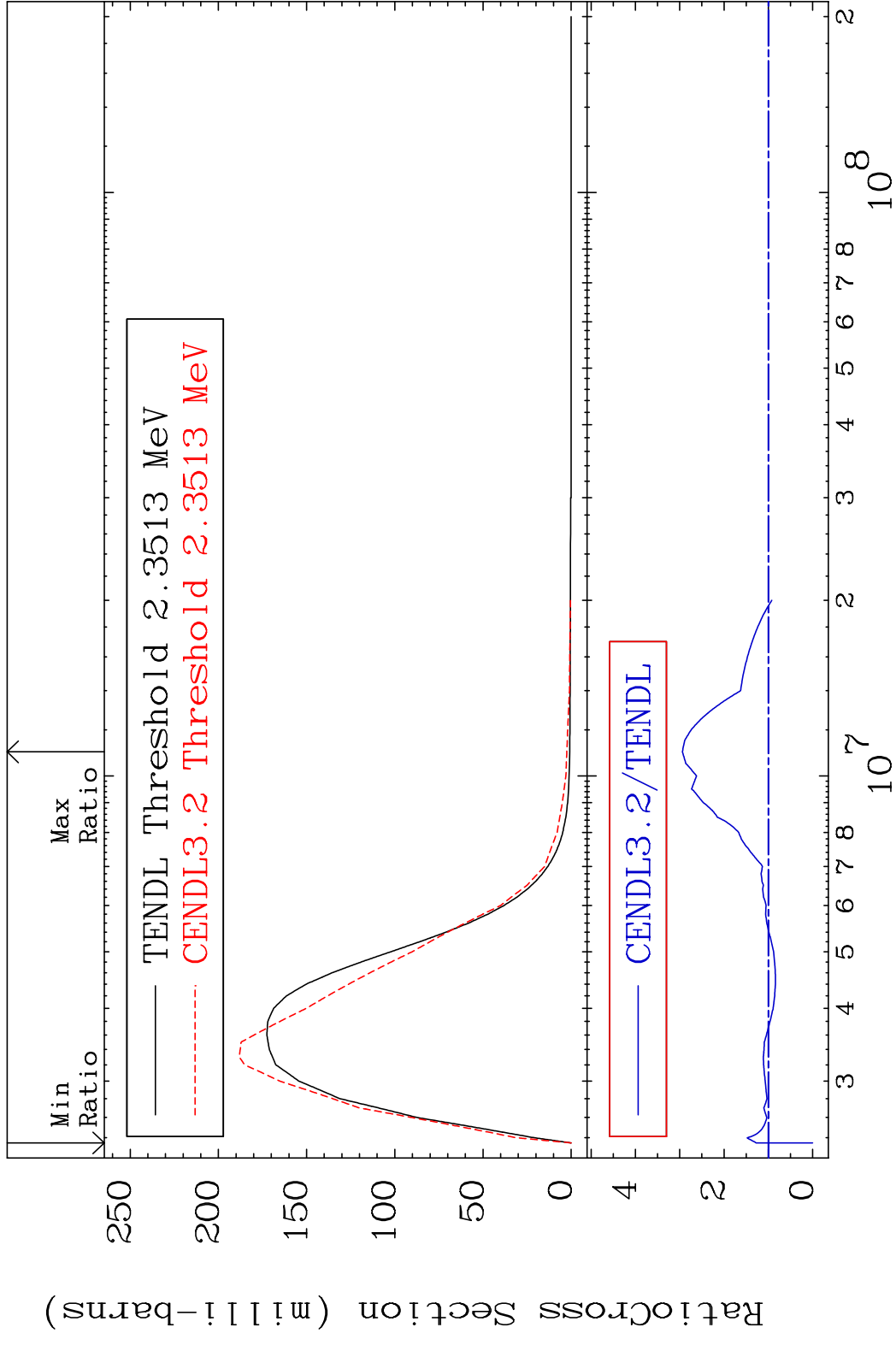


8 82-Pb-207

MAT 8234 MT= 53 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 67.32 %

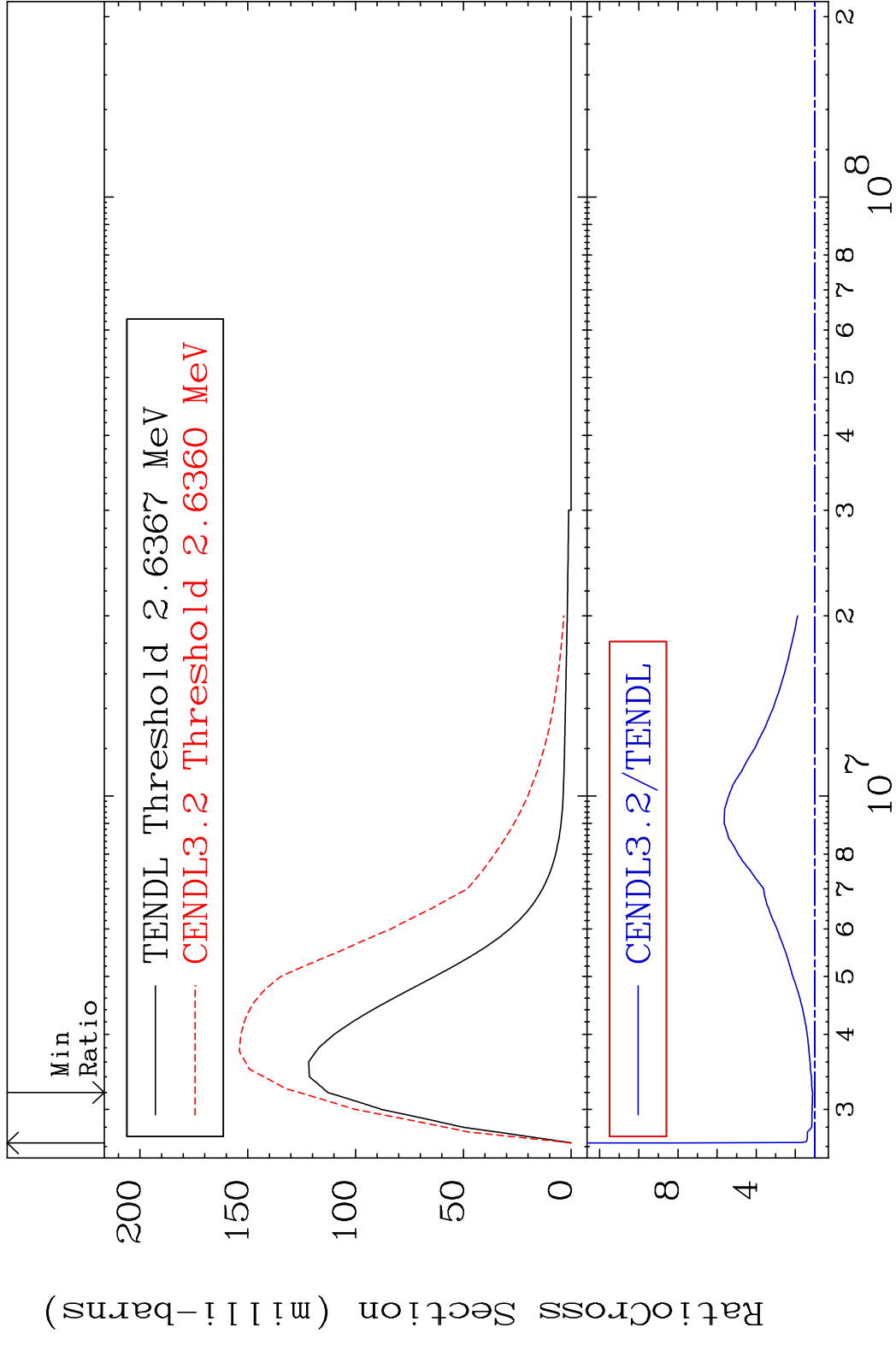


MAT 8234 MT= 54 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 194.1 %

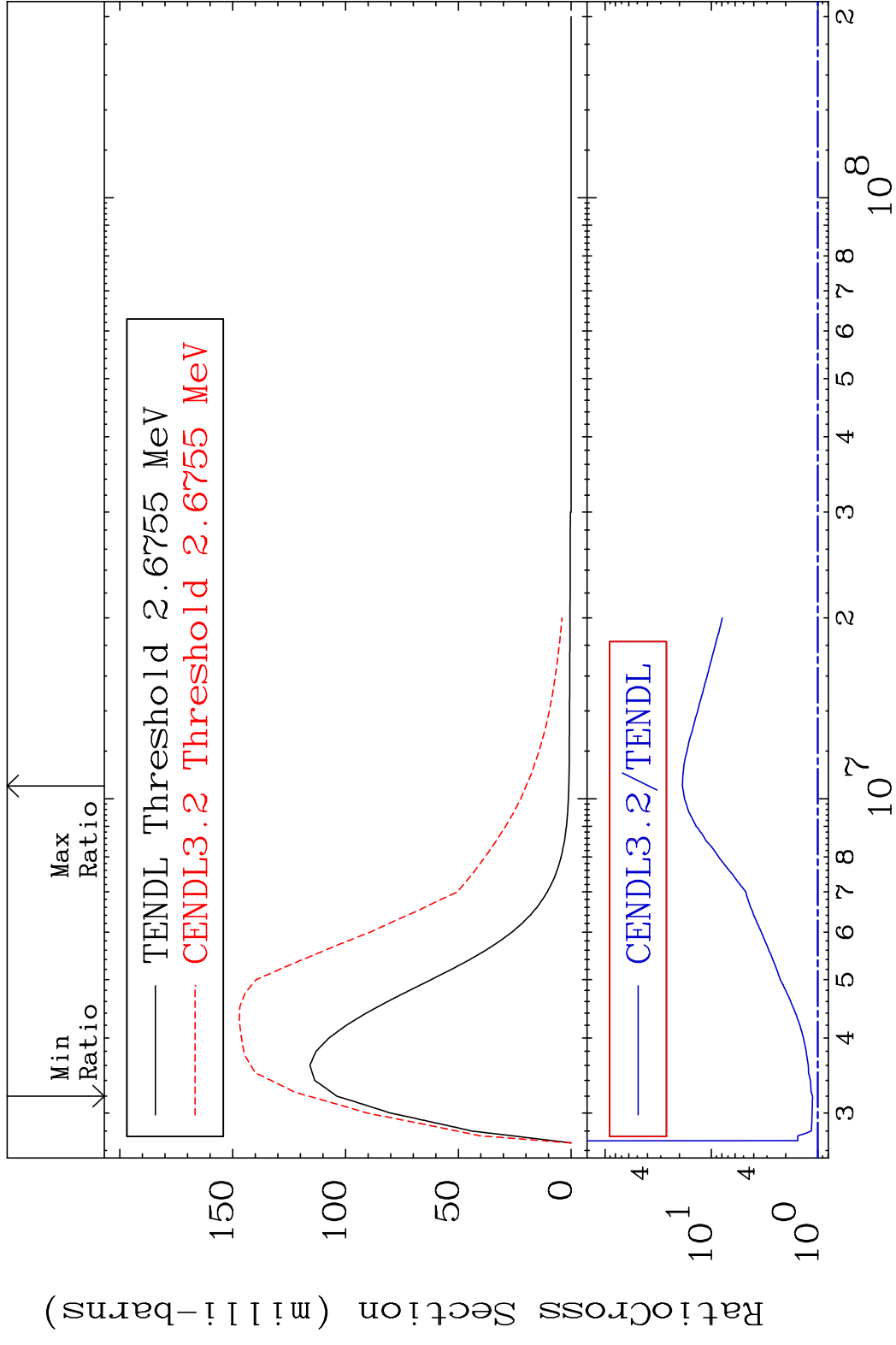


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 82-Pb-207

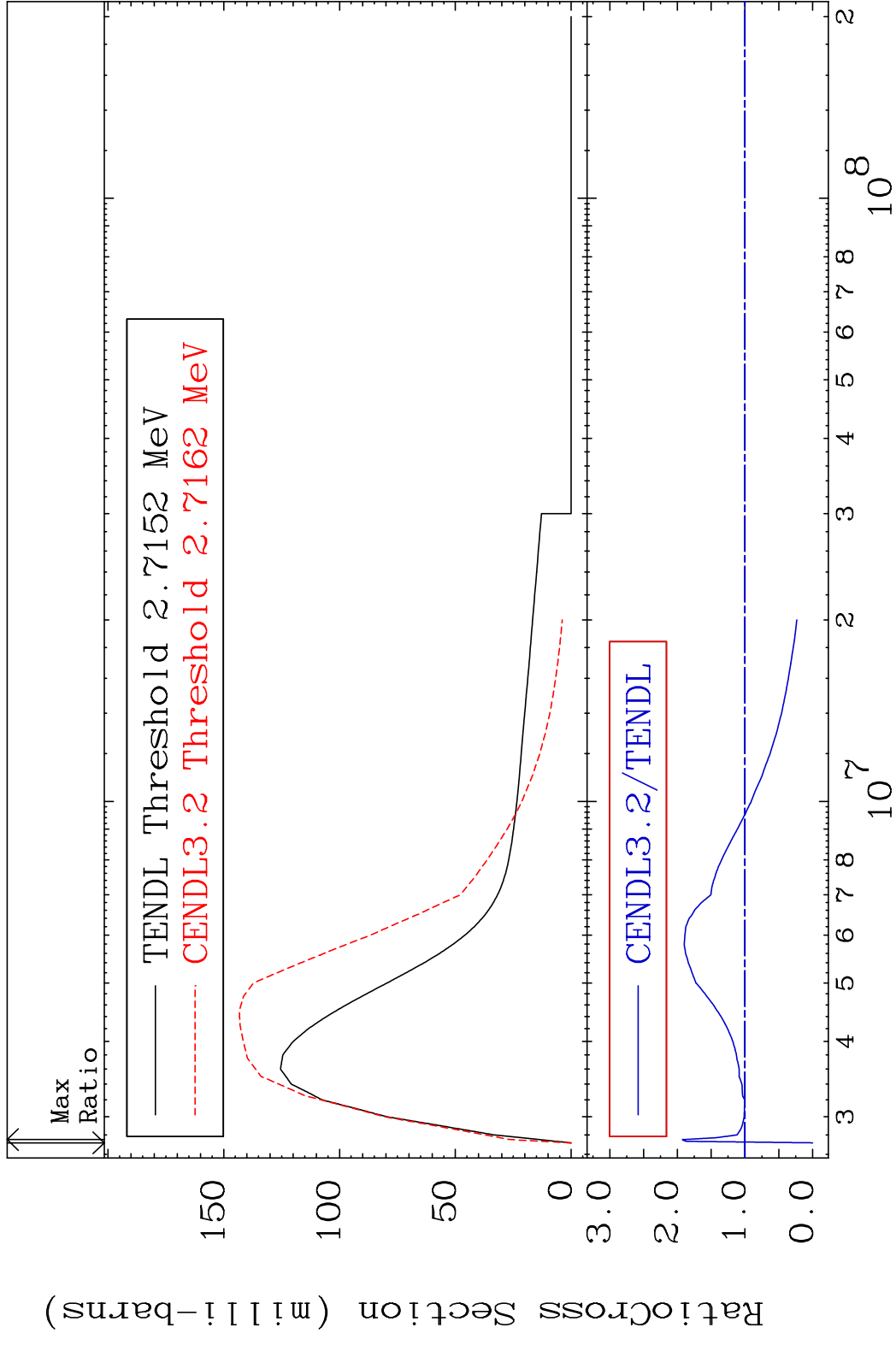
MAT 8234 MT= 55 (n, n') Level 82-Pb-207
 Cross Section 11.75 To 677.5 %



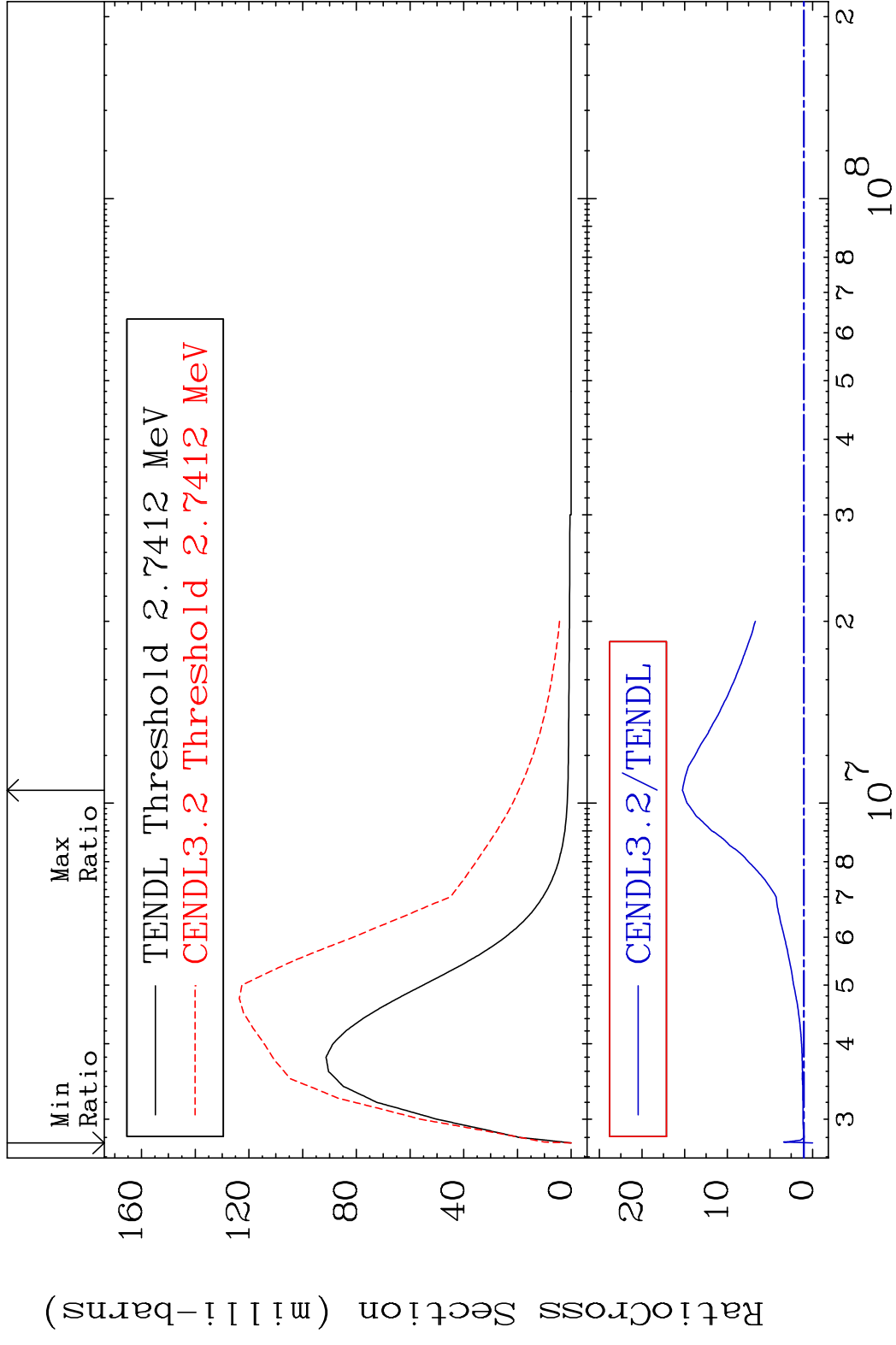
MAT 8234 MT= 56 (n,n') Level 82-Pb-207
 Cross Section 11.88 To 1778. %



MAT 8234 MT= 57 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 92.66 %

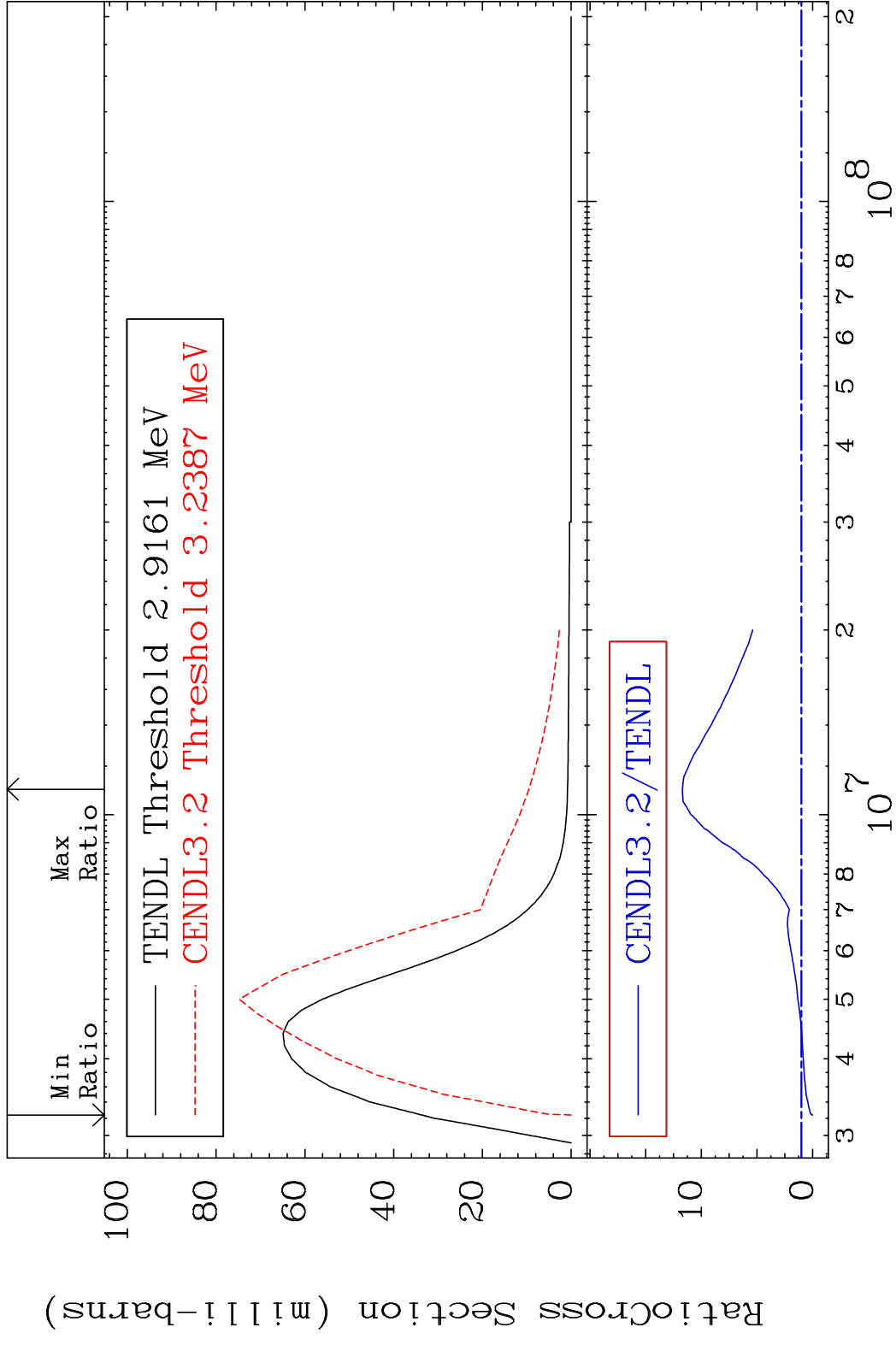


MAT 8234 MT= 58 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 1427. %

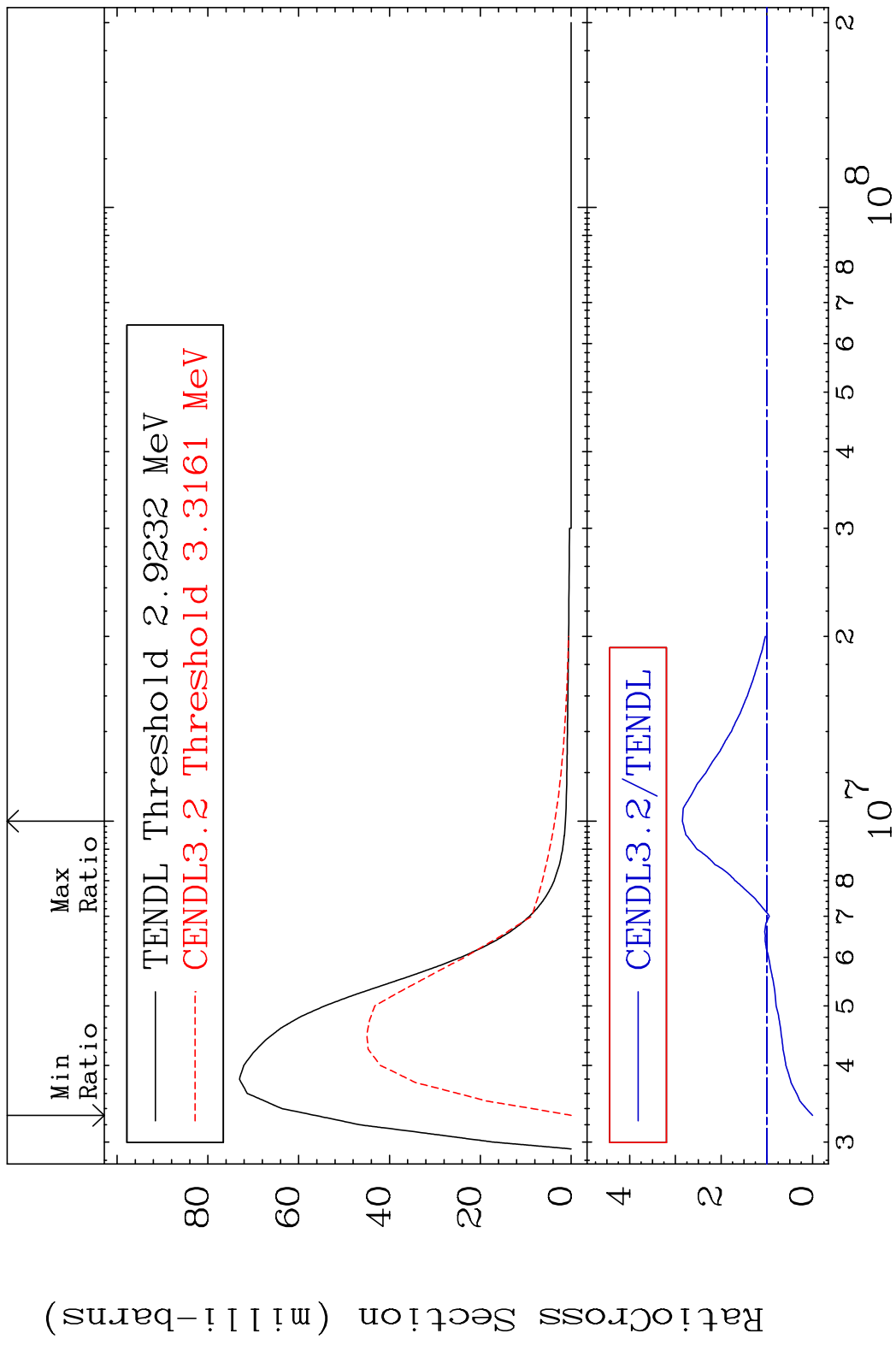


14 Incident Energy (eV) 82-Pb-207

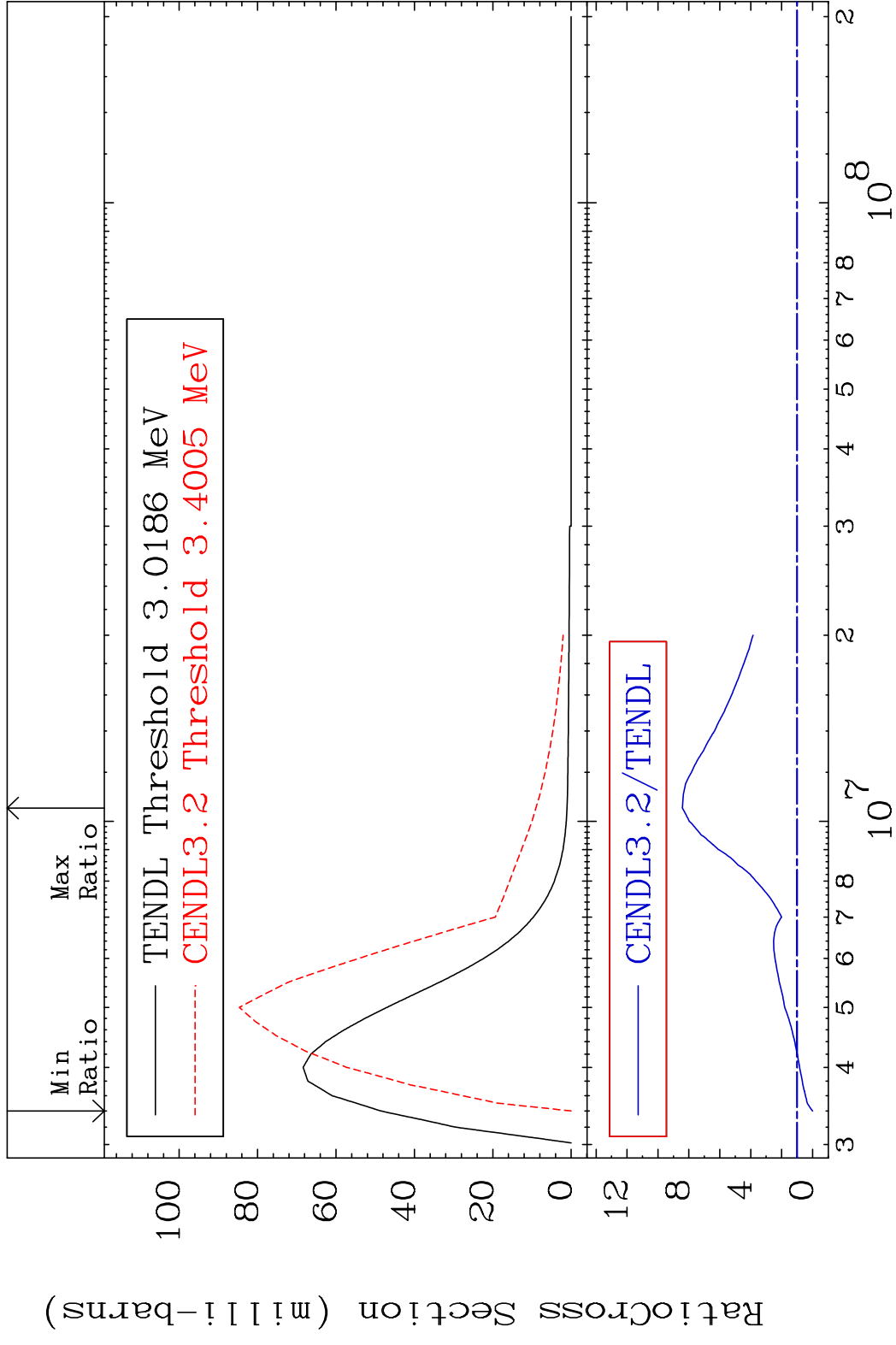
MAT 8234 MT= 59 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 1070. %



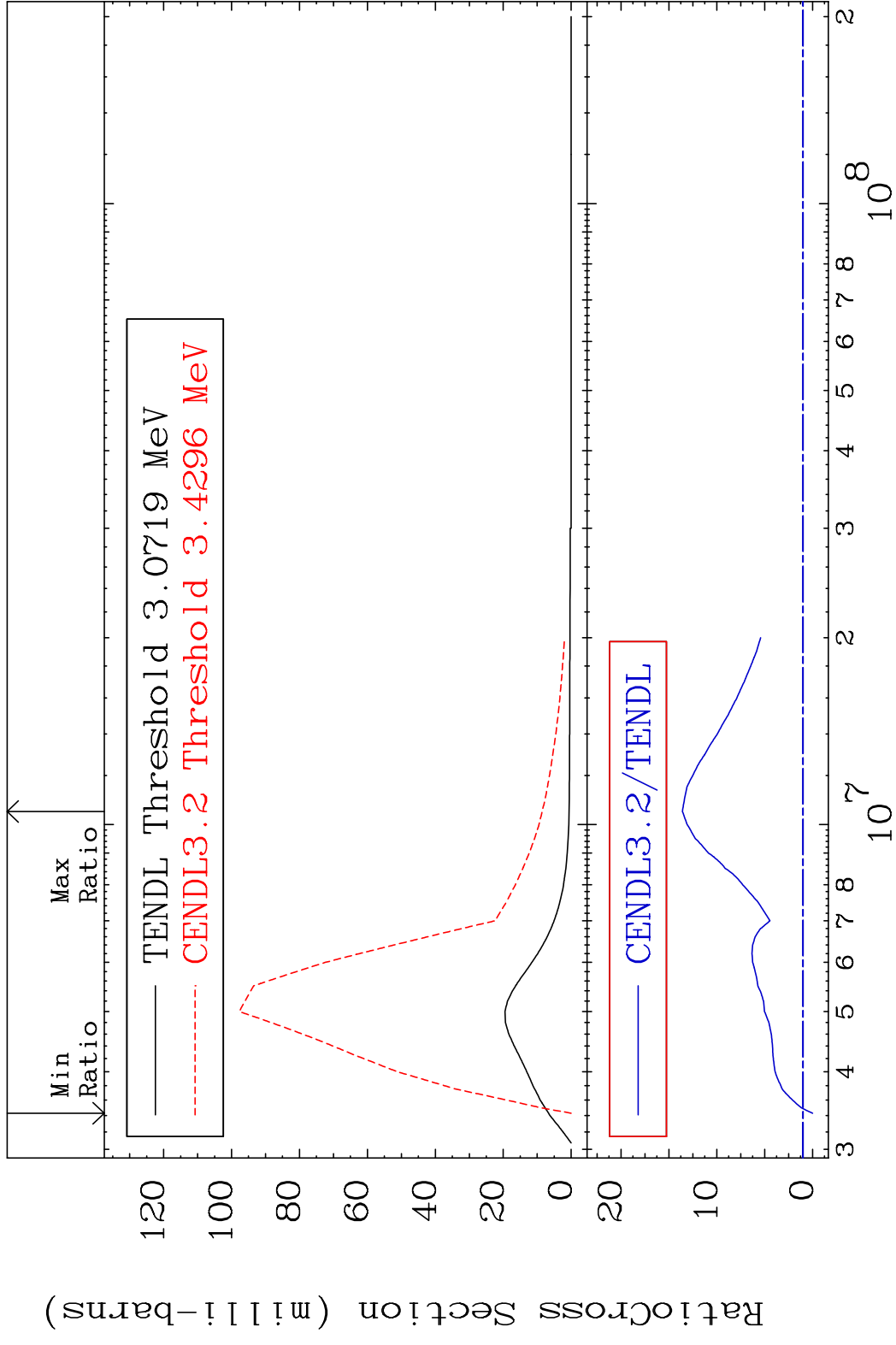
MAT 8234 MT= 60 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 184.8 %



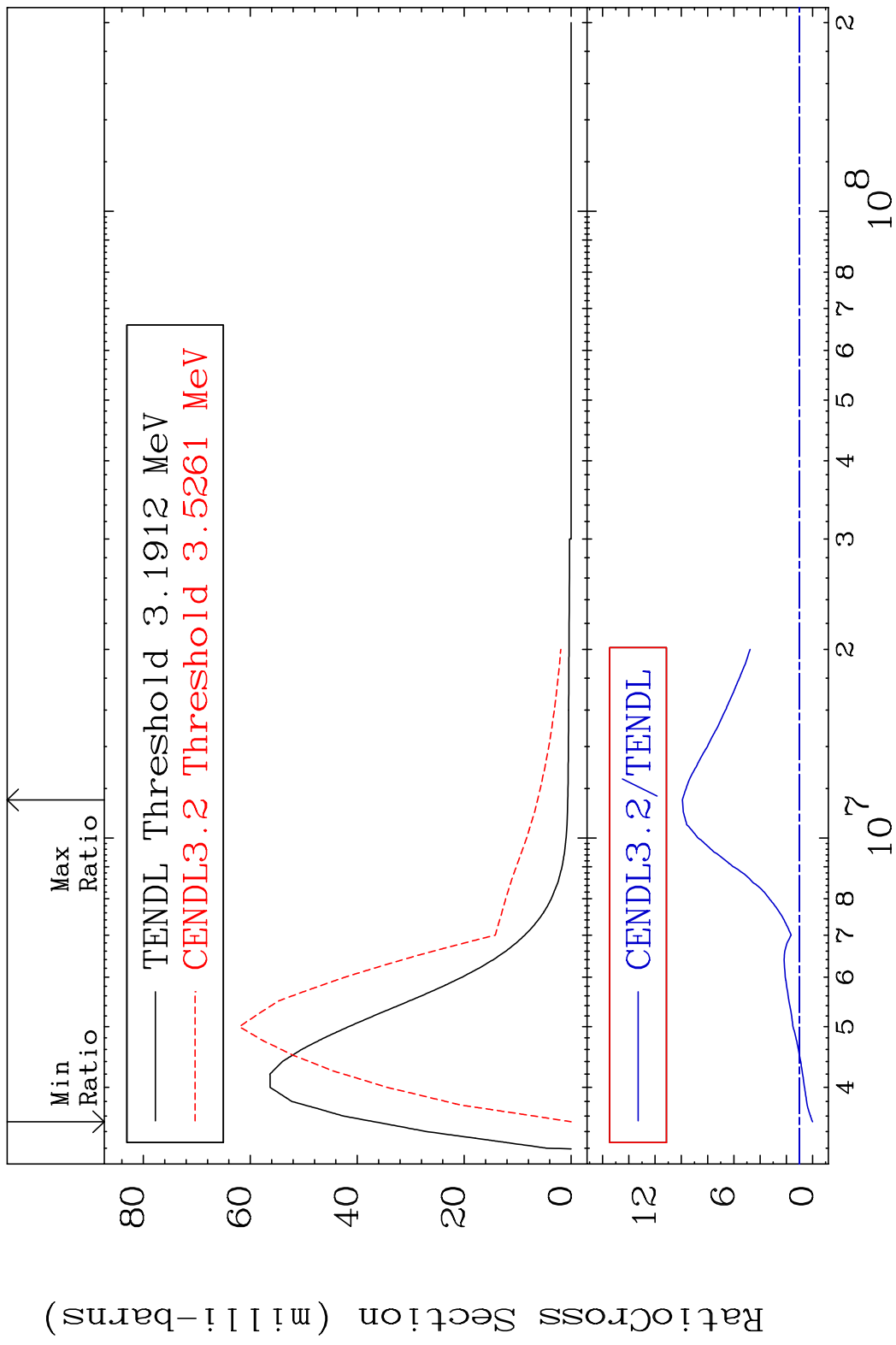
MAT 8234 MT= 61 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 742.1 %



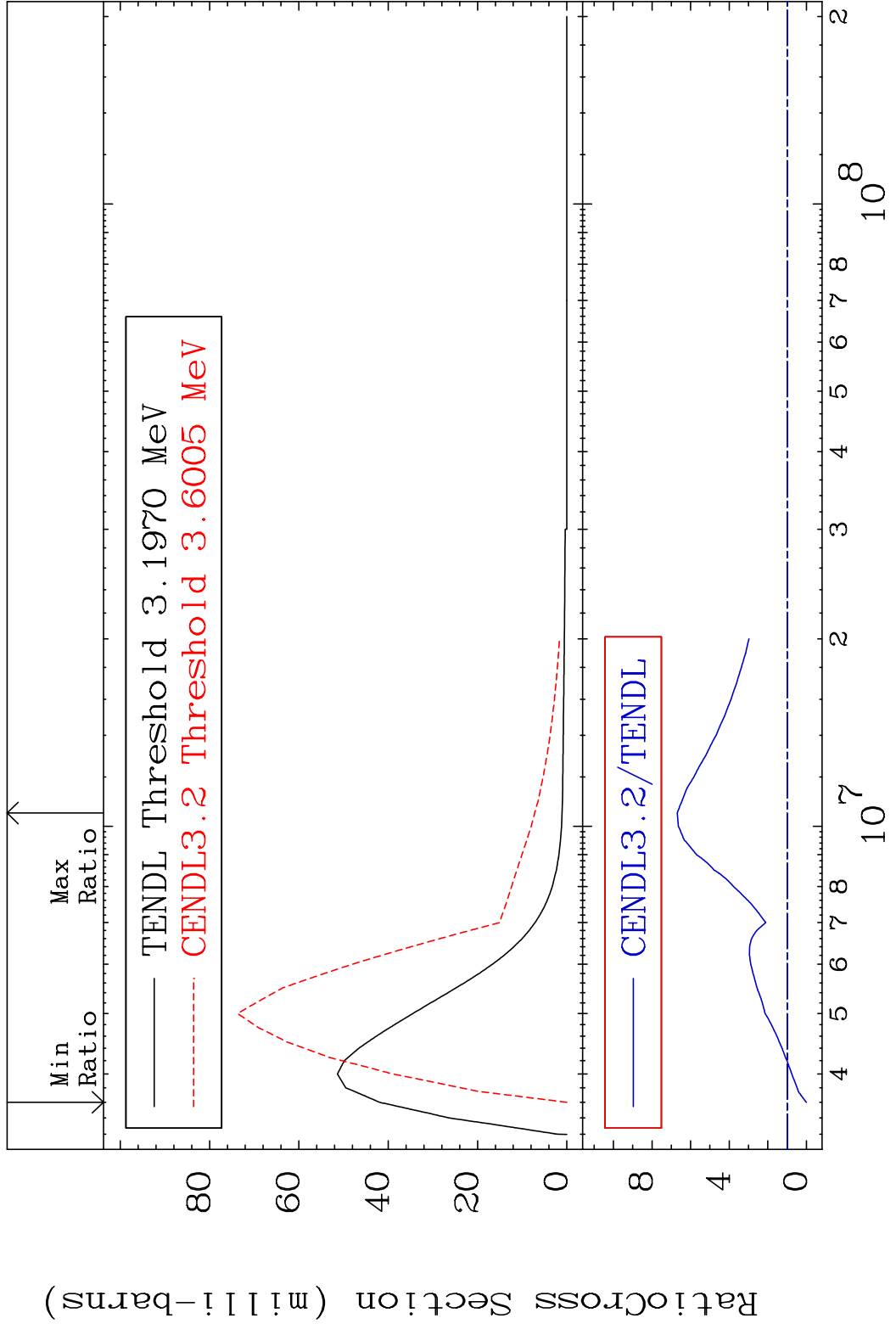
MAT 8234 MT= 62 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 1259. %



MAT 8234 MT= 63 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 892.4 %

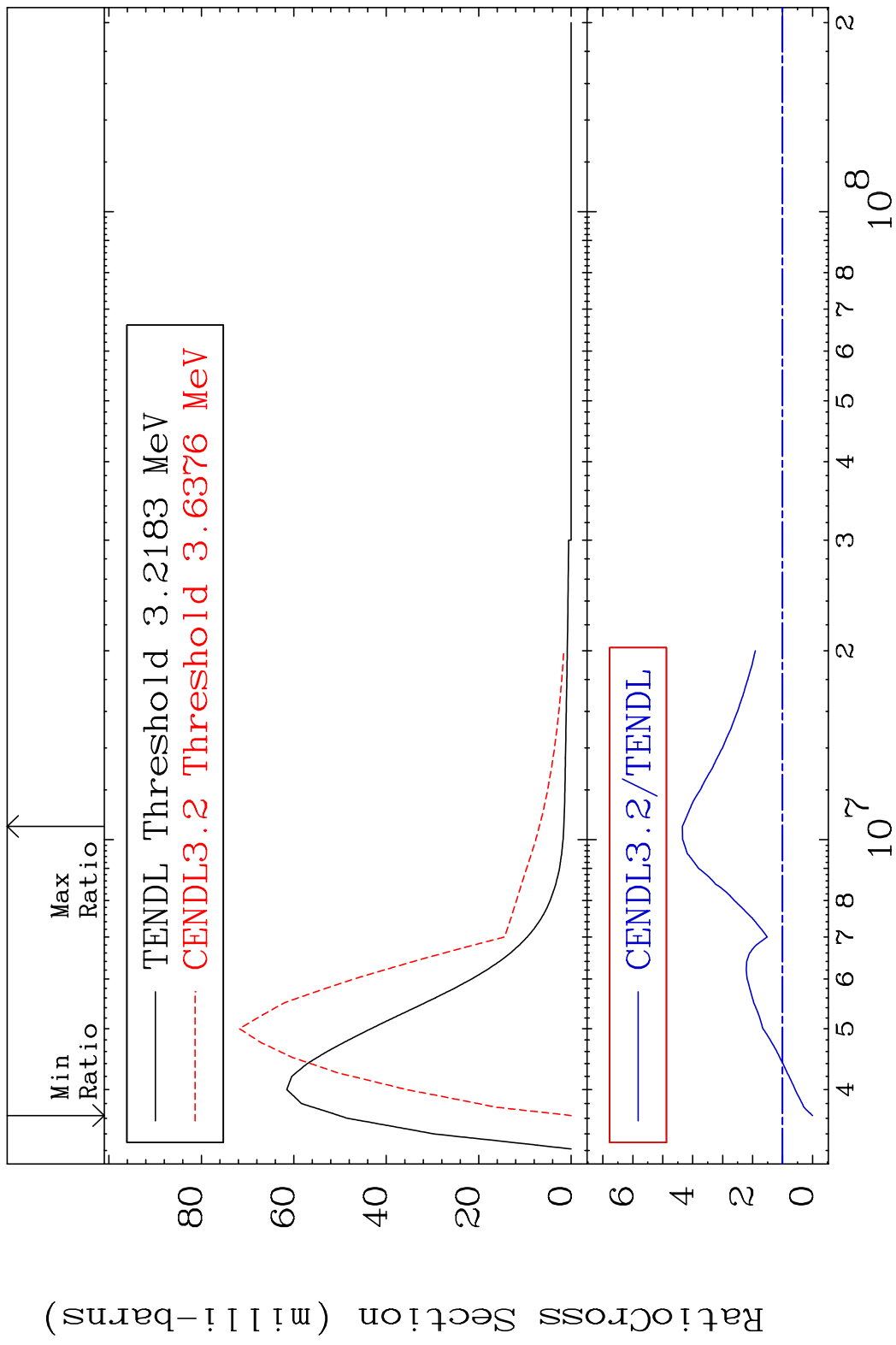


MAT 8234 MT= 64 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 569.6 %

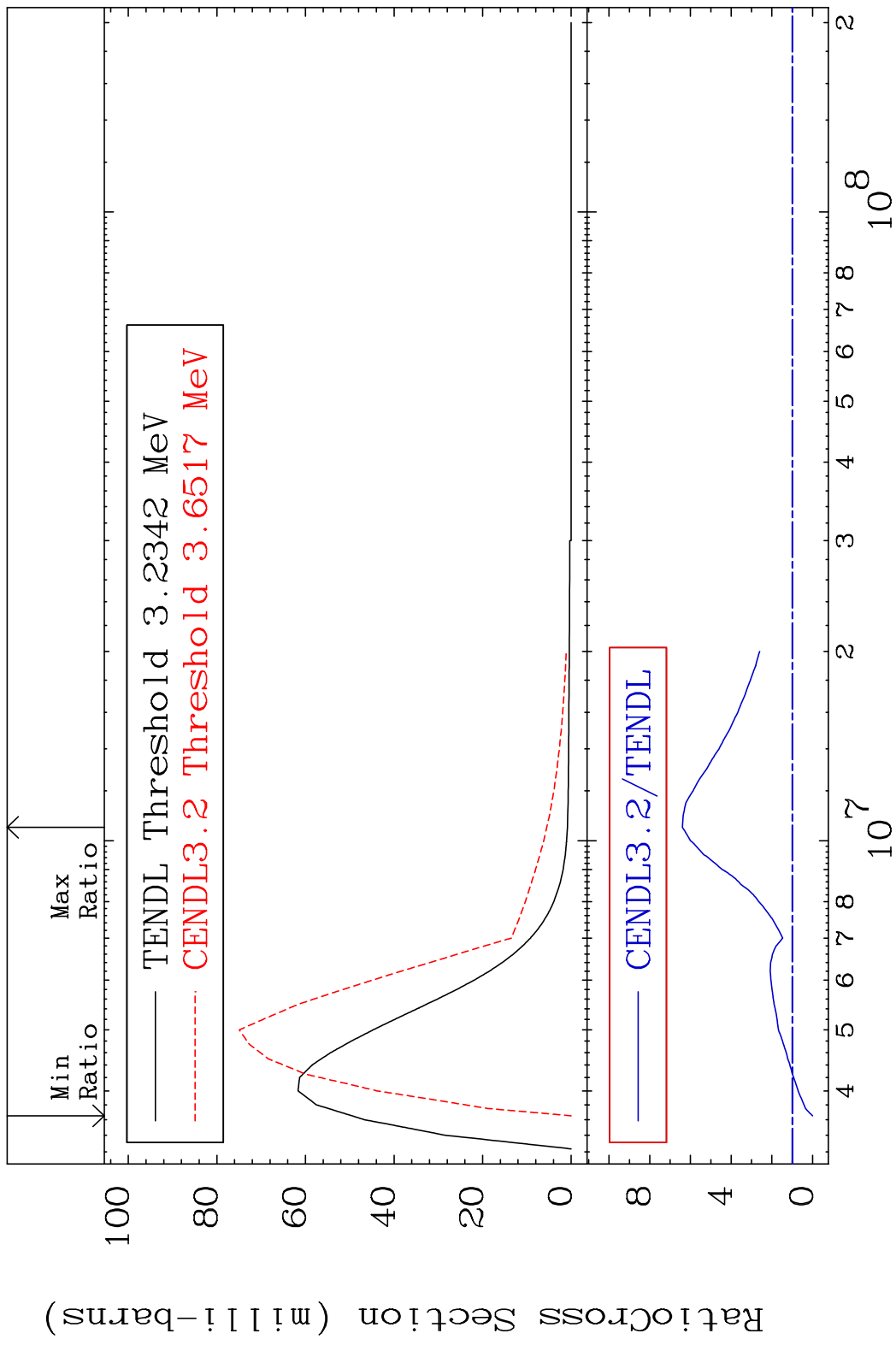


20 Incident Energy (eV) 82-Pb-207

MAT 8234 MT= 65 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 334.6 %



MAT 8234 MT= 66 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 539.7 %

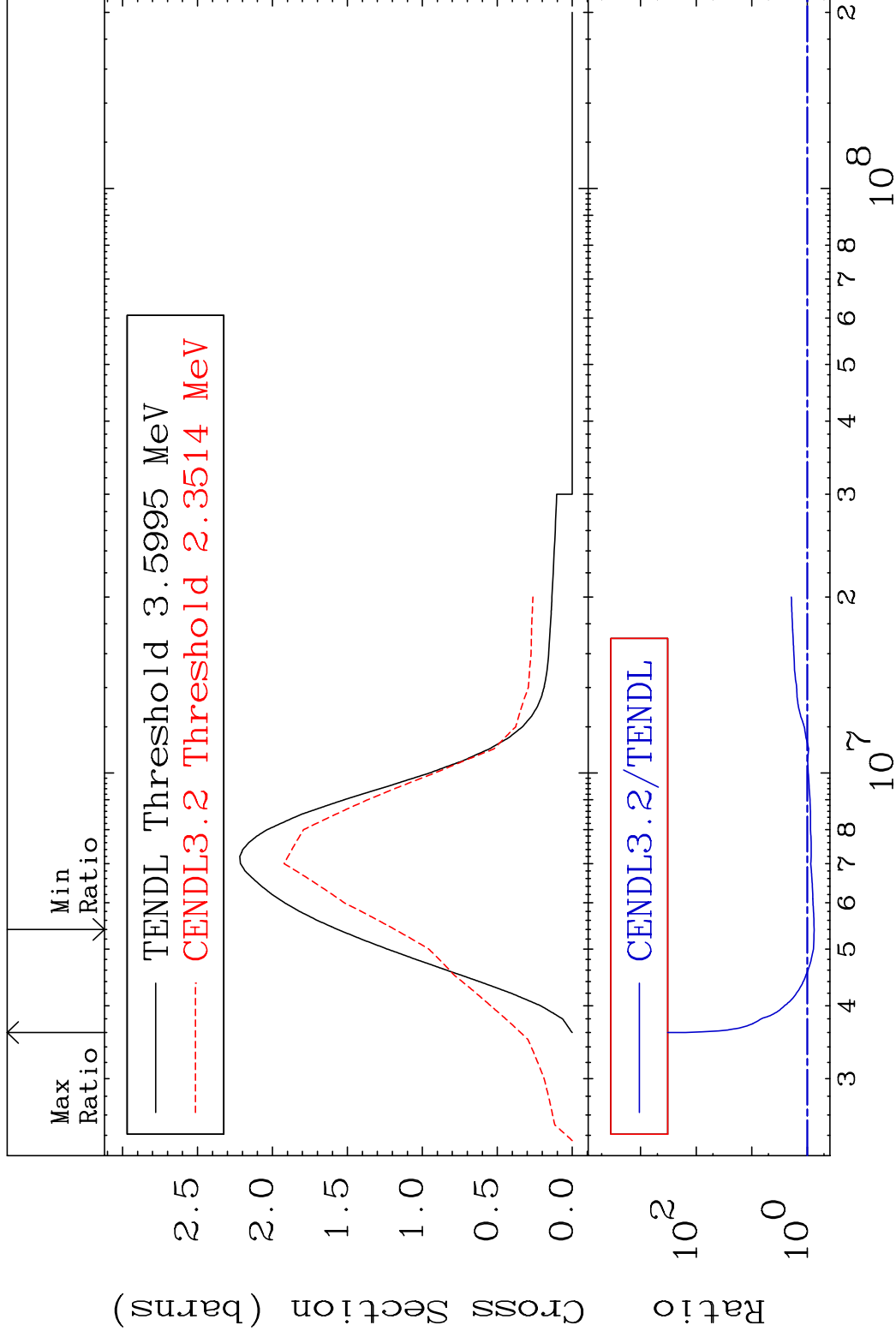


MAT 8234

(n, n') Continuum

82-Pb-207

Cross Section -24.44 To 9999. %



23

Incident Energy (eV)

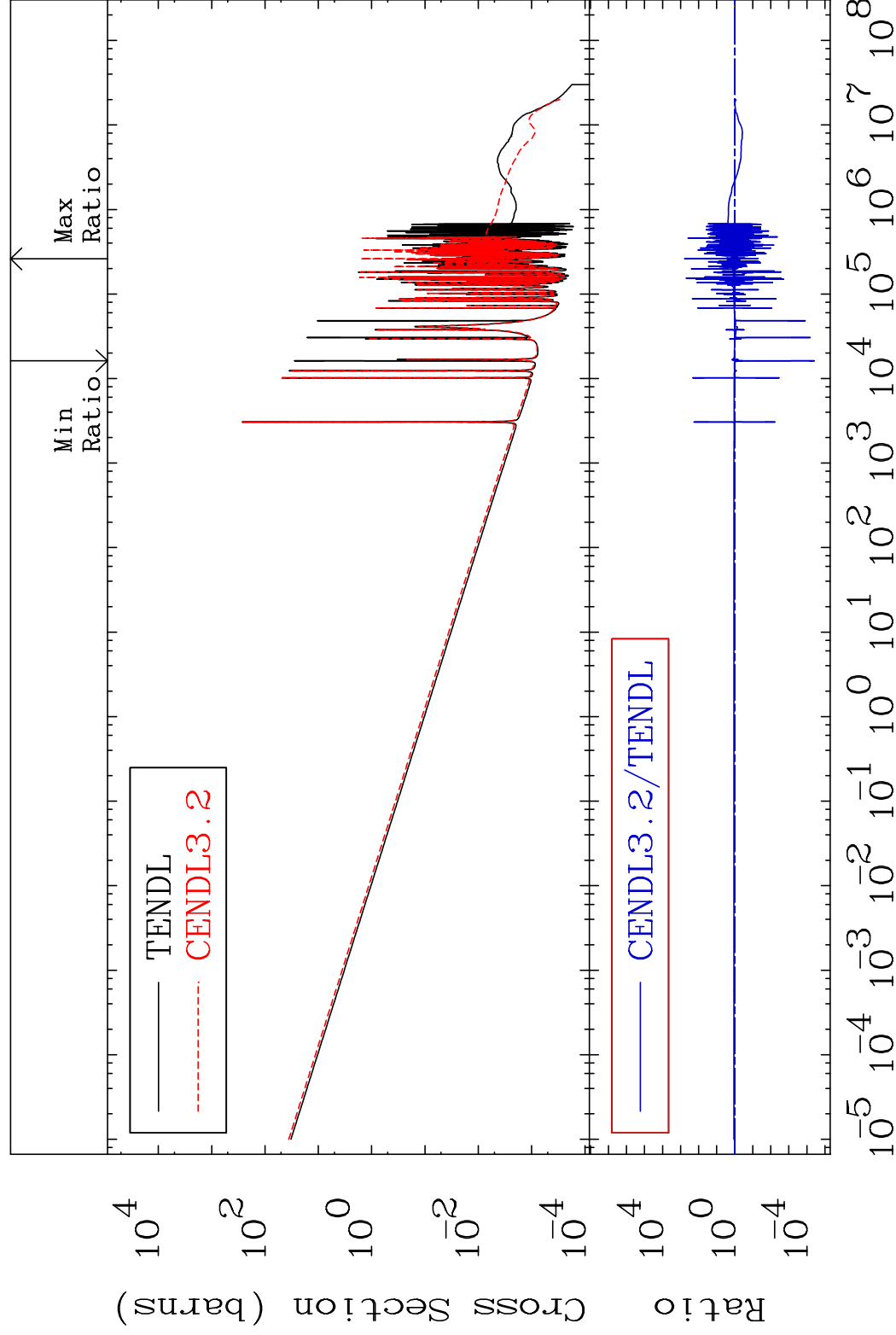
82-Pb-207

MAT 8234

(n, γ)

82-Pb-207

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

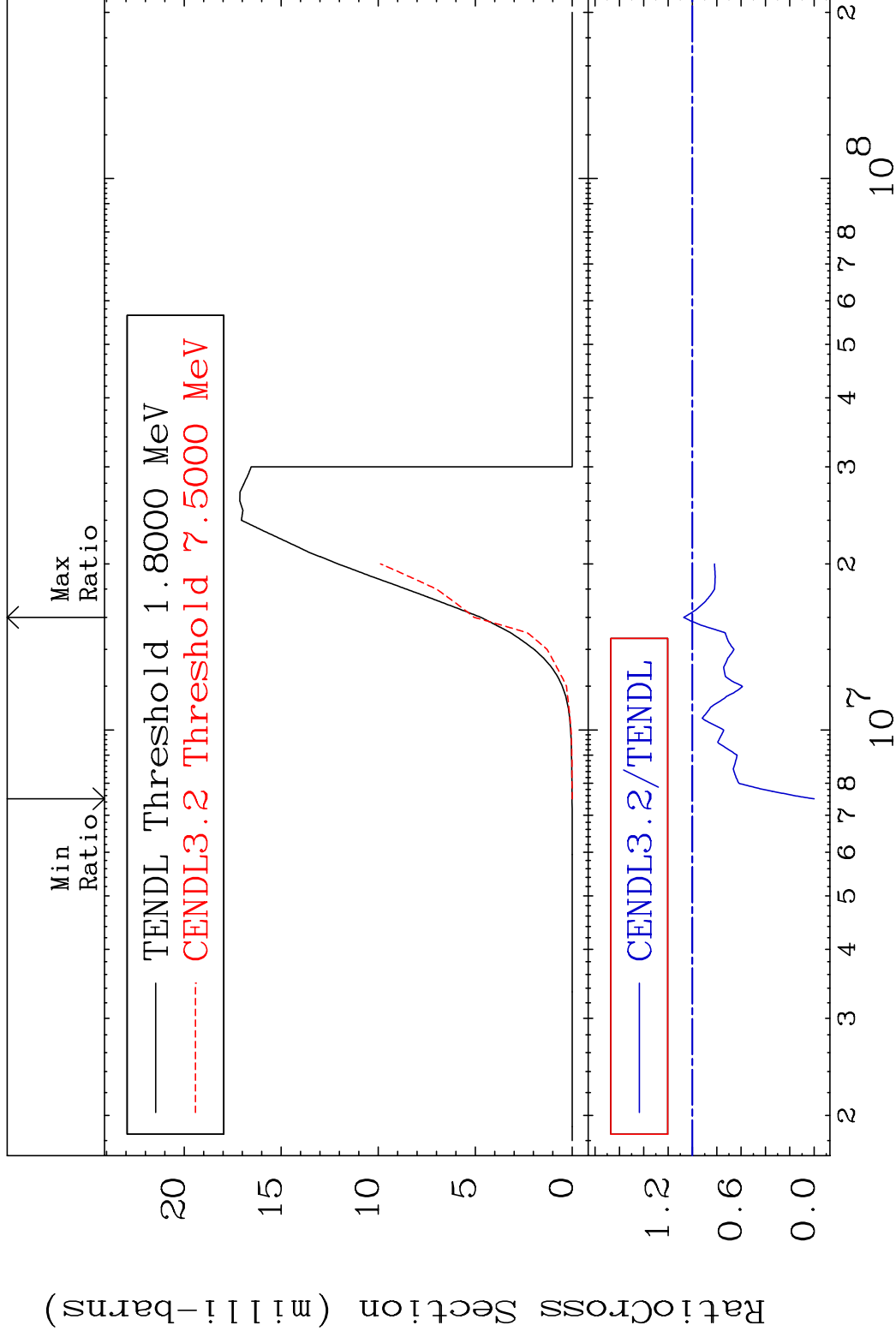
82-Pb-207

MAT 8234

(n,p)

82-Pb-207

Cross Section -100.0 To 7.211 %



25

Incident Energy (eV)

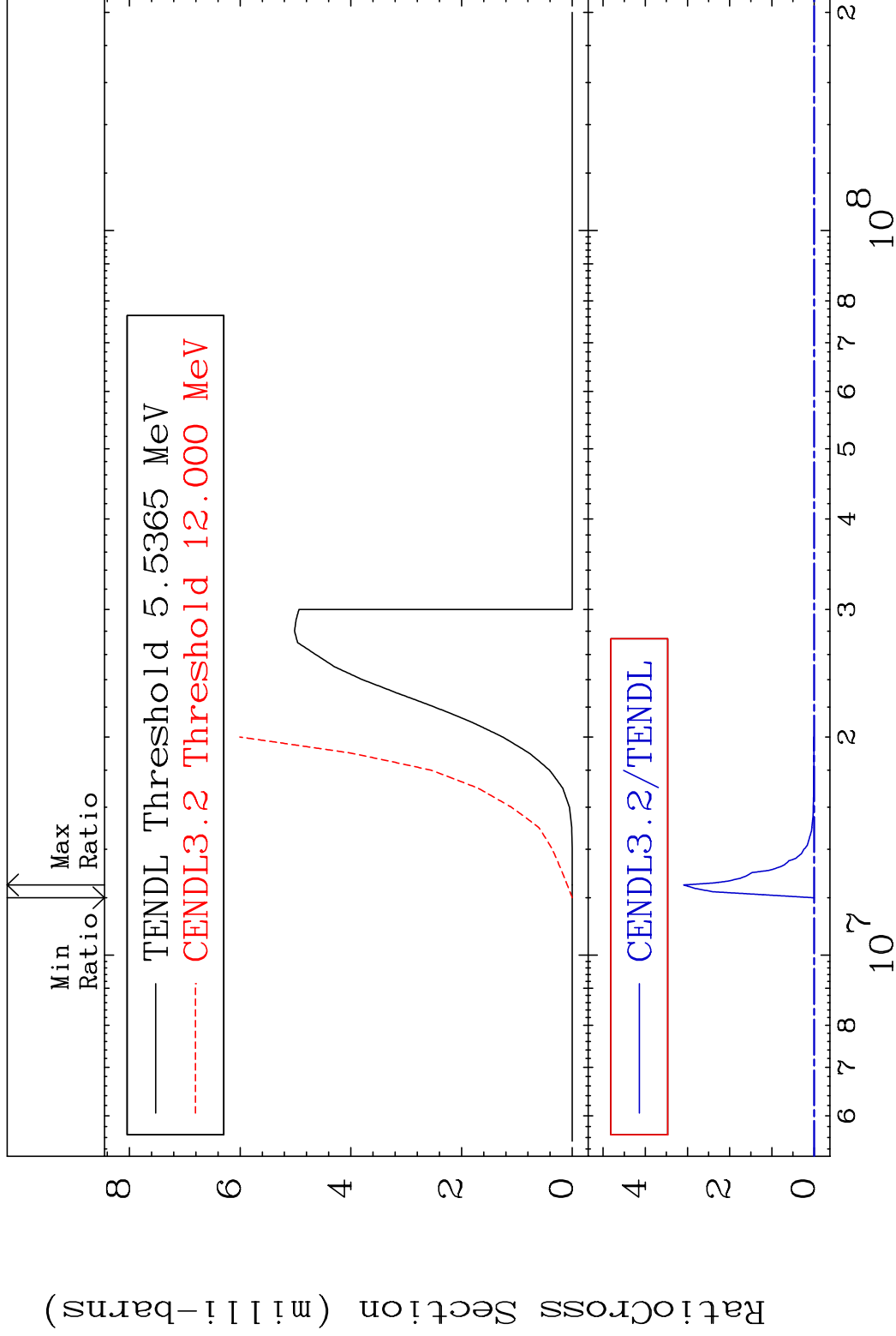
82-Pb-207

MAT 8234

(n, t)

82-Pb-207

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

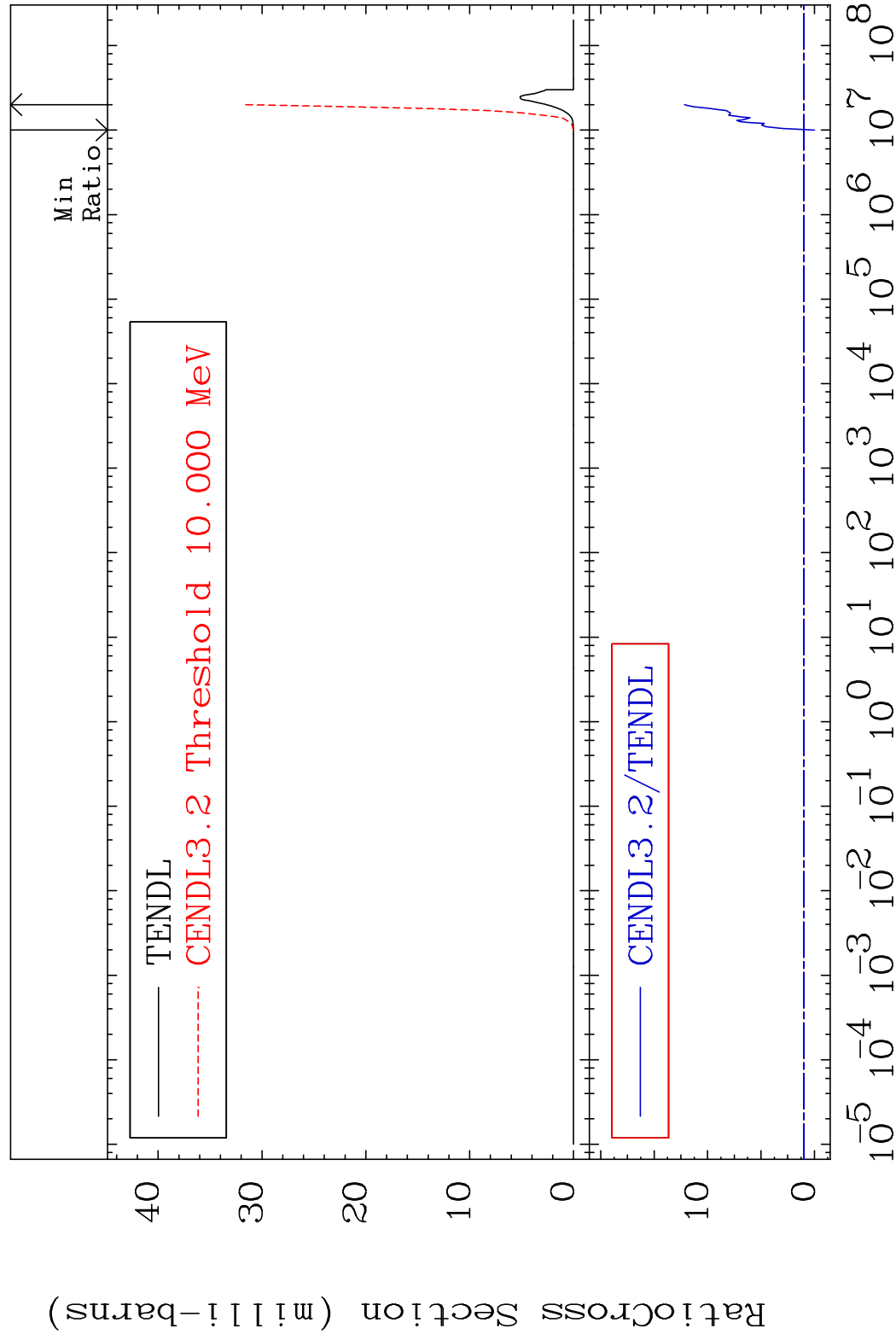
82-Pb-207

MAT 8234

(n, α)

82-Pb-207

Cross Section -100.0 To 1117. %



27

Incident Energy (eV)

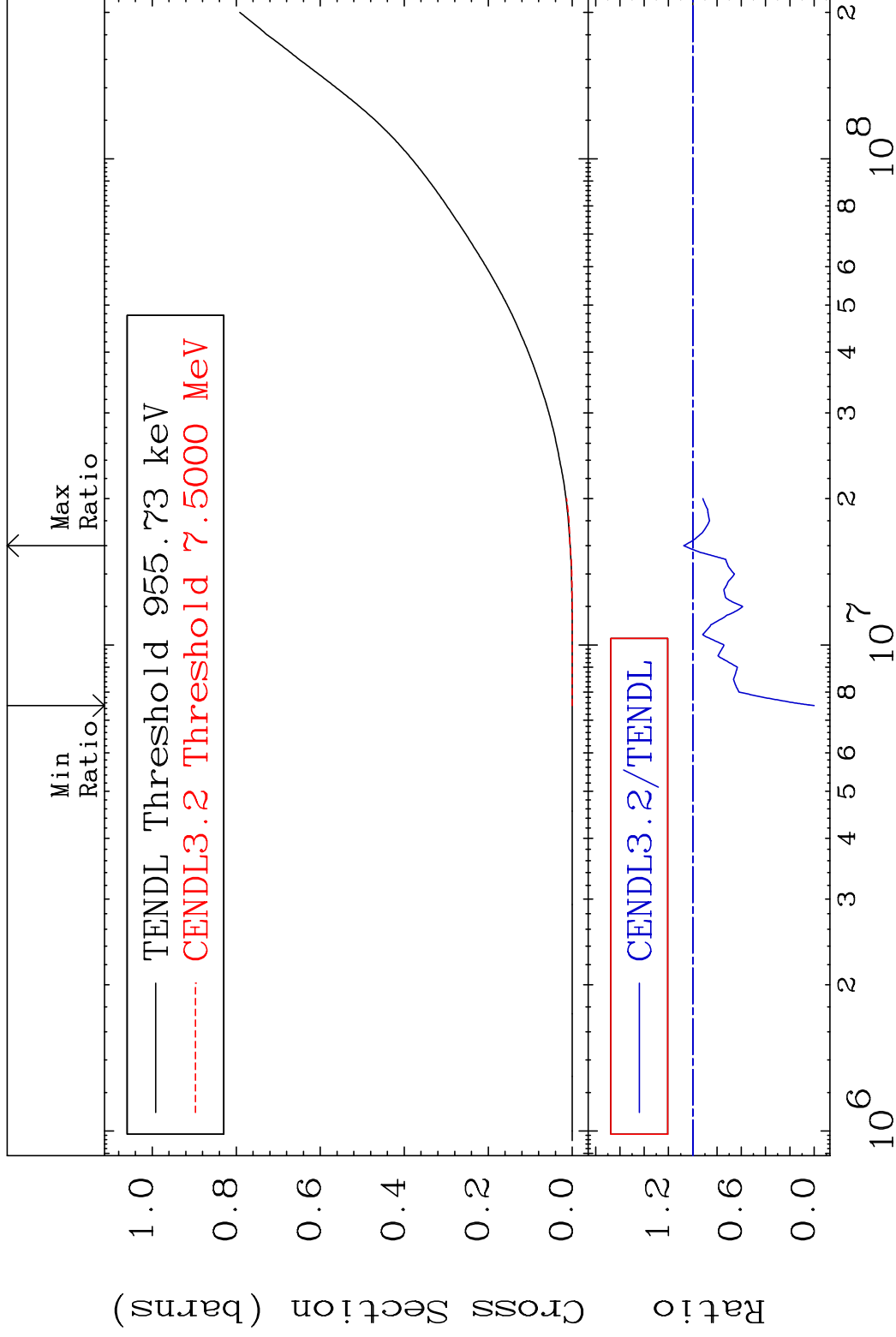
82-Pb-207

MAT 8234

Hydrogen Production

82-Pb-207

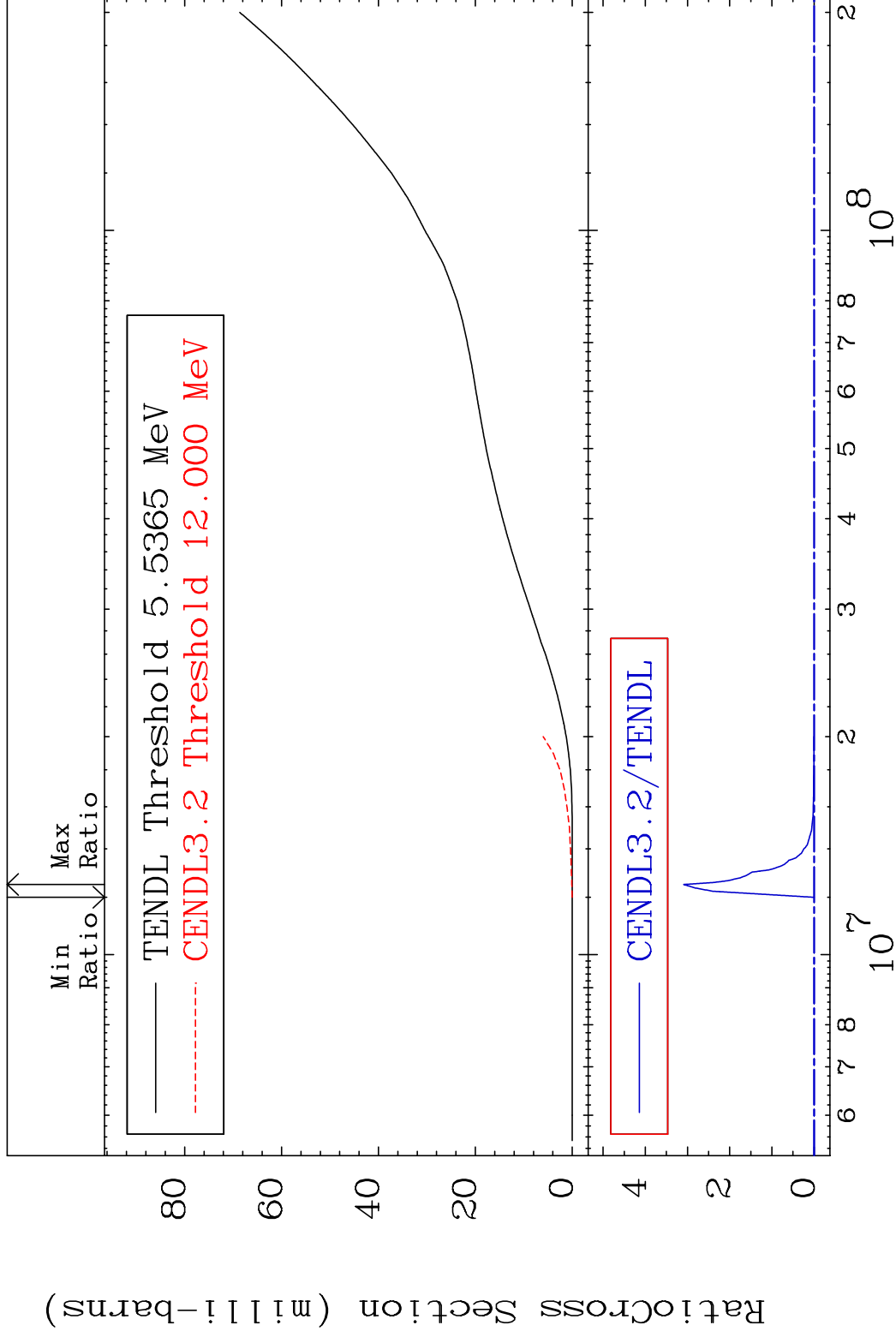
Cross Section -100.0 To 7.493 %



MAT 8234

Tritium Production 82-Pb-207

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

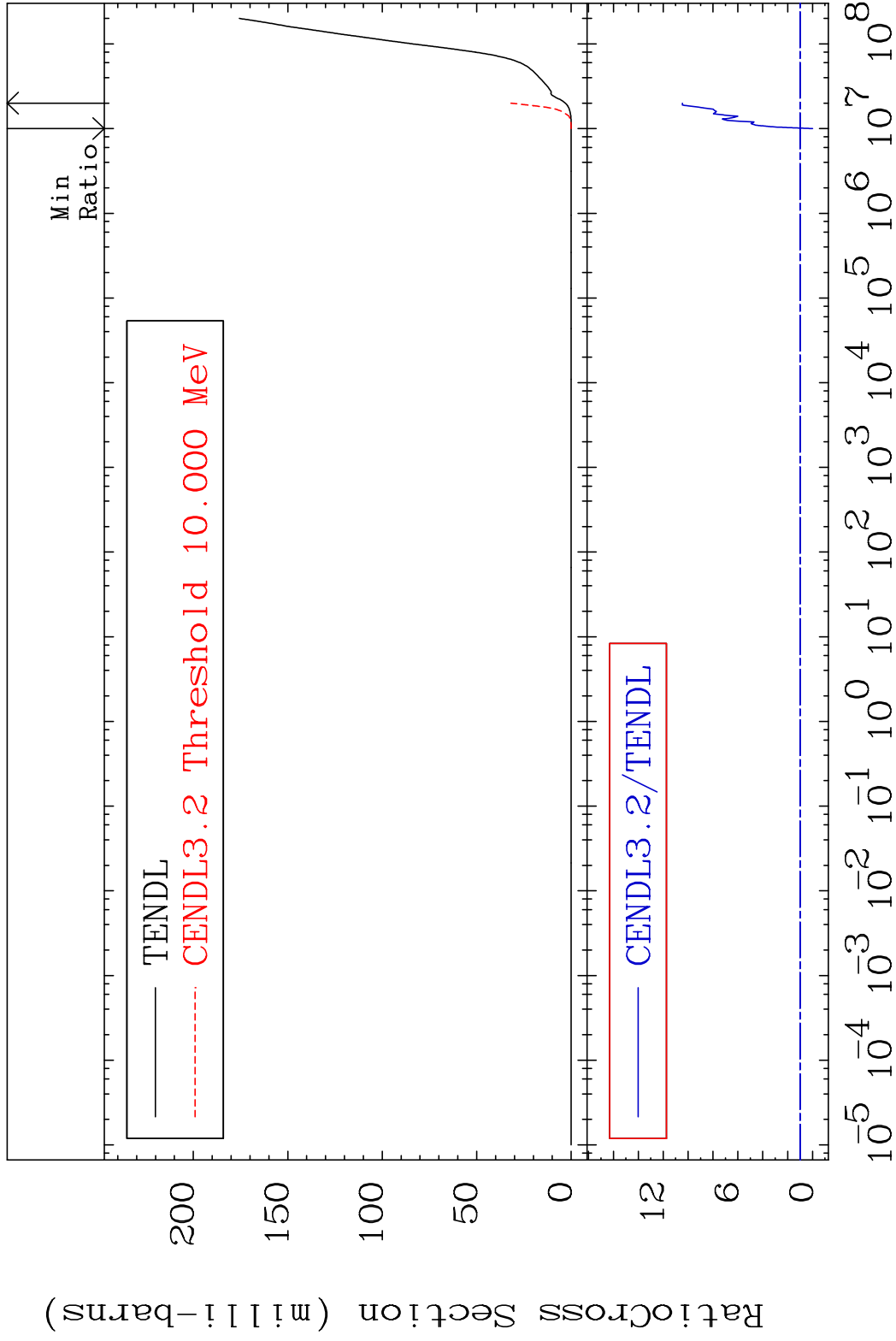
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -100.0 To 946.1 %

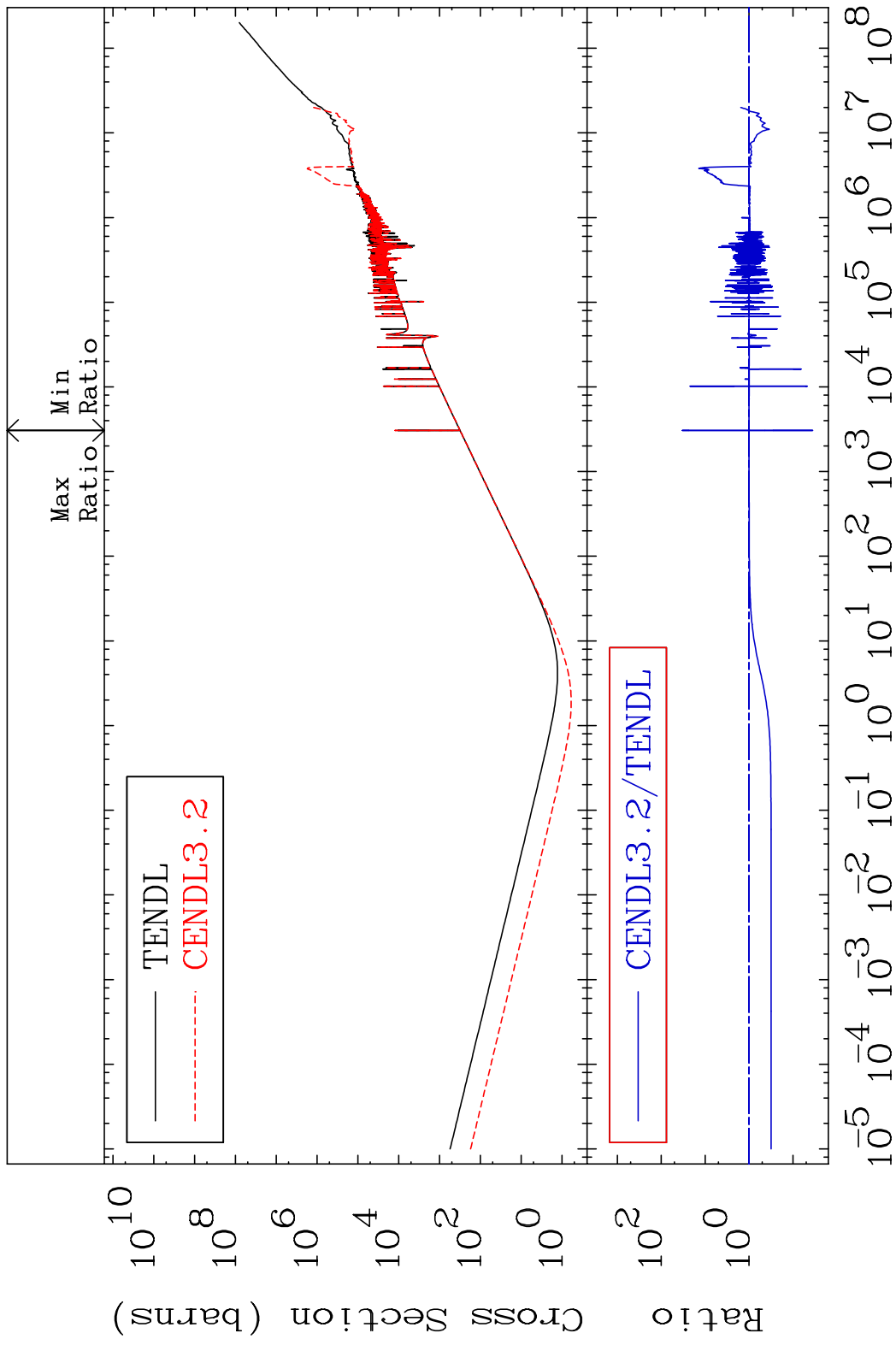


30

Incident Energy (eV)

82-Pb-207

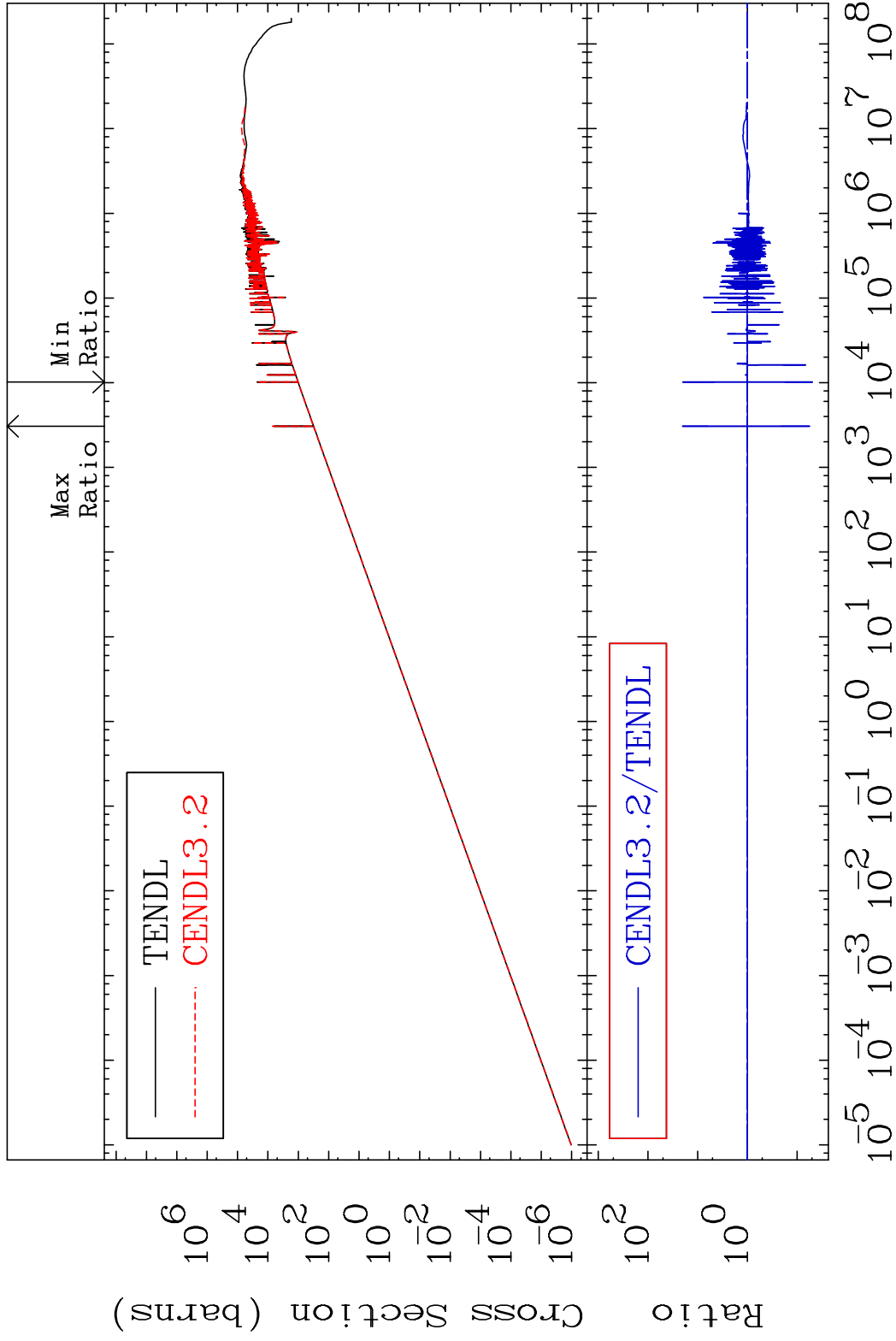
MAT 8234 Kerma total (eV-barns) 82-Pb-207
 Cross Section -96.41 To 3203. %



MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-95.13 To 1930. %

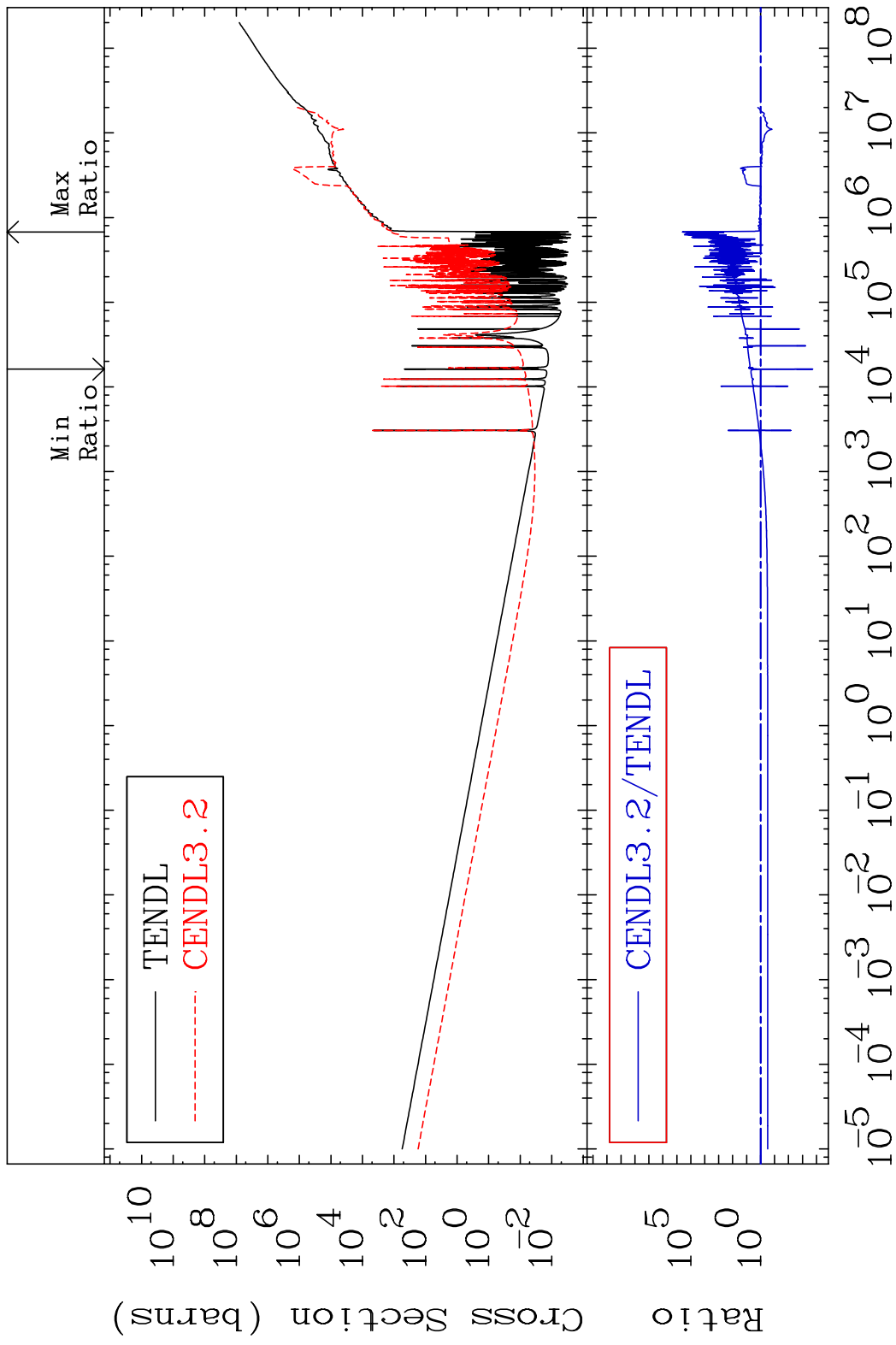


32

Incident Energy (eV)

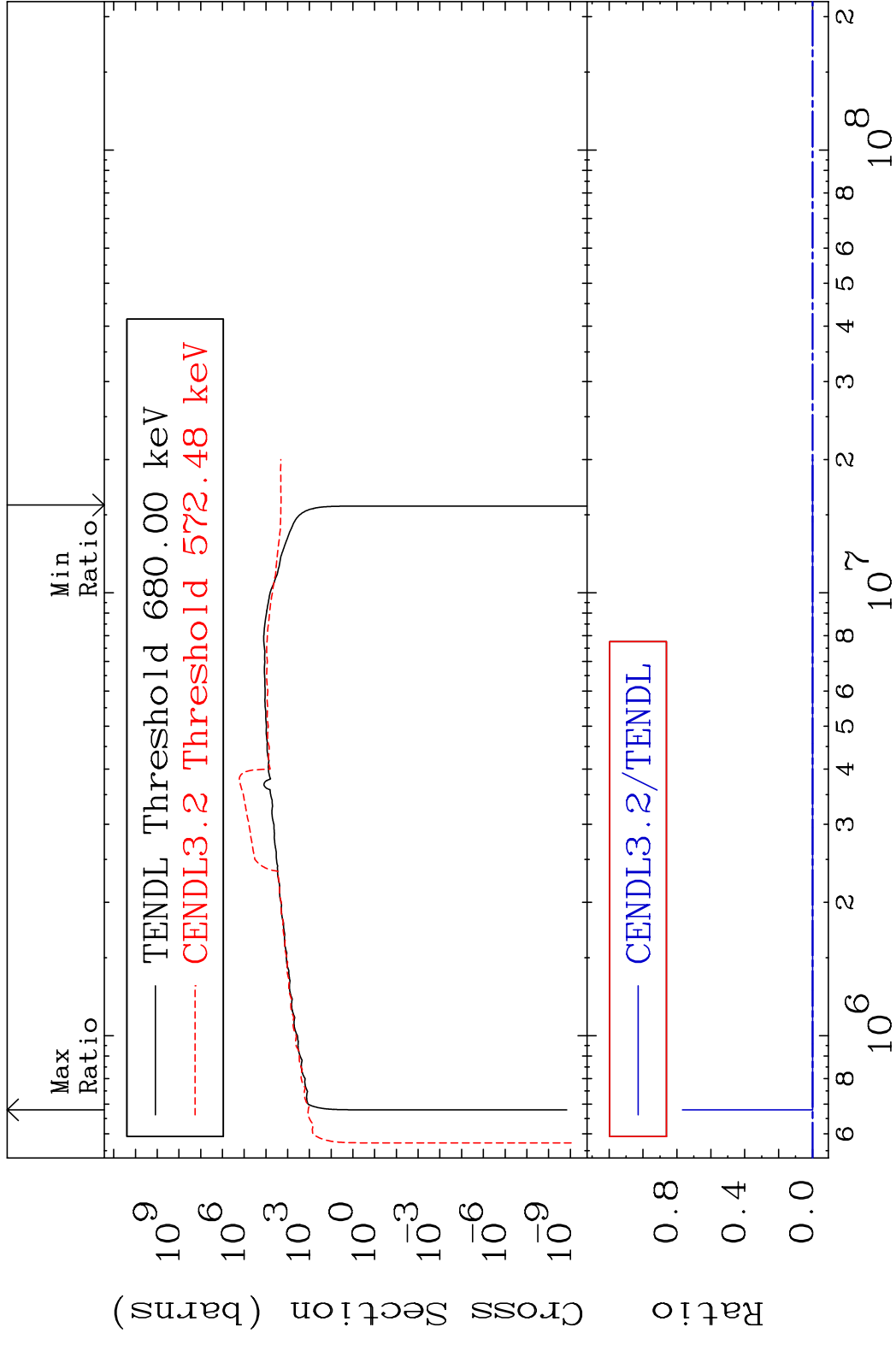
82-Pb-207

MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -99.98 To 9999. %

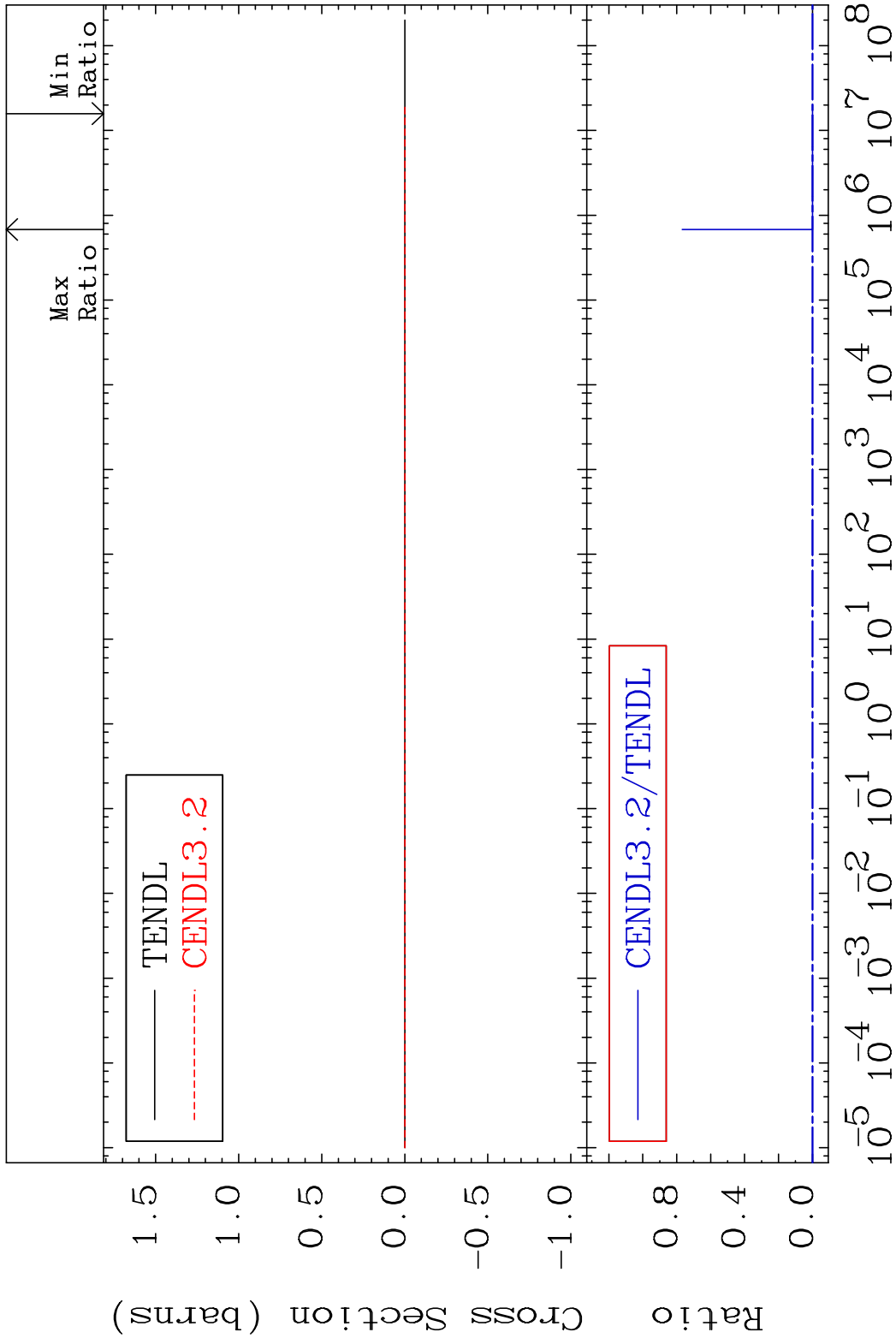


33 Incident Energy (eV) 82-Pb-207

MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207
 Cross Section -6835. To 9999. %

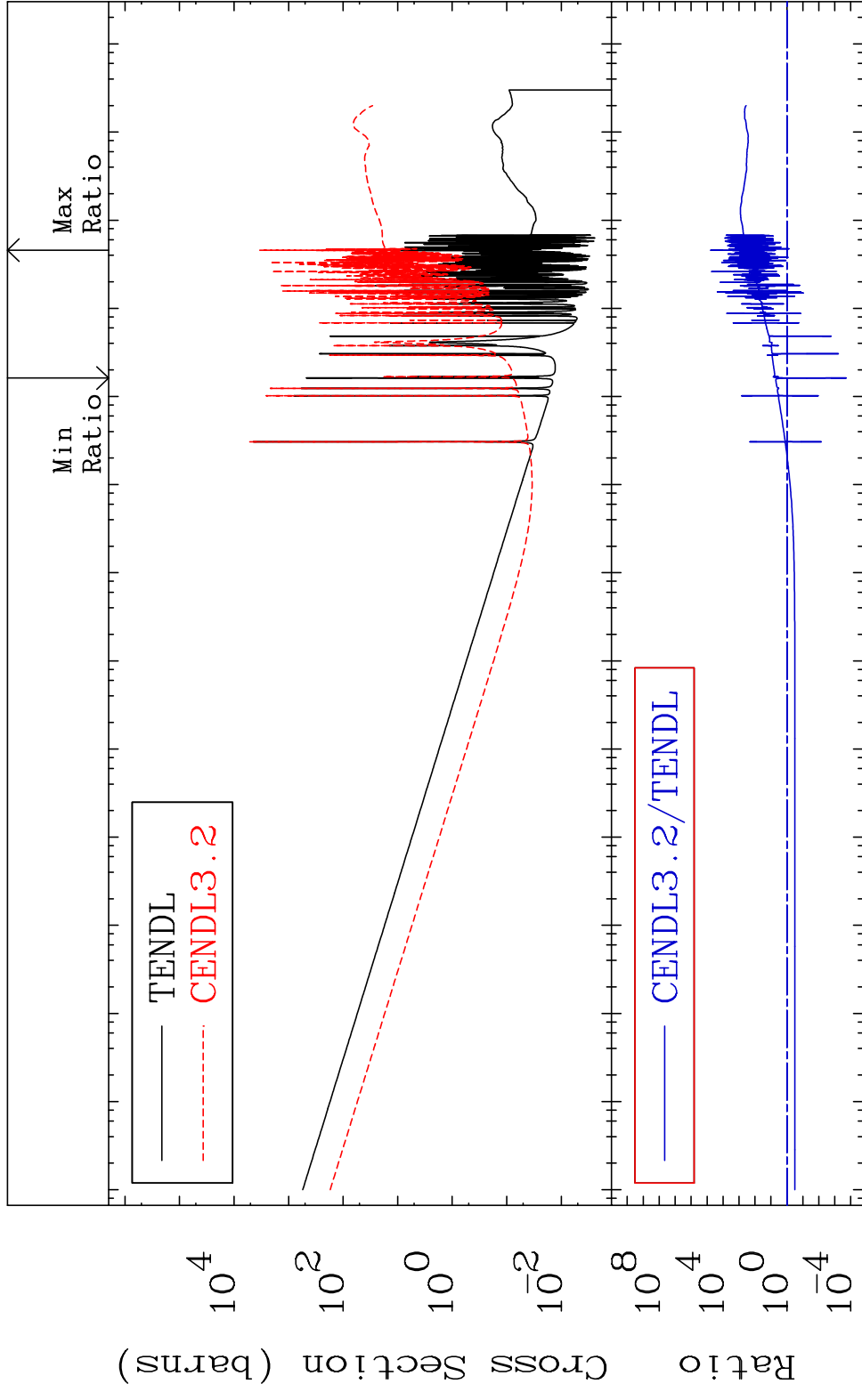


MAT 8234 Kerma fission (mt18 or mt19-20-21-38)82-Pb-207
 Cross Section -6835. To 9999. %



MAT 8234

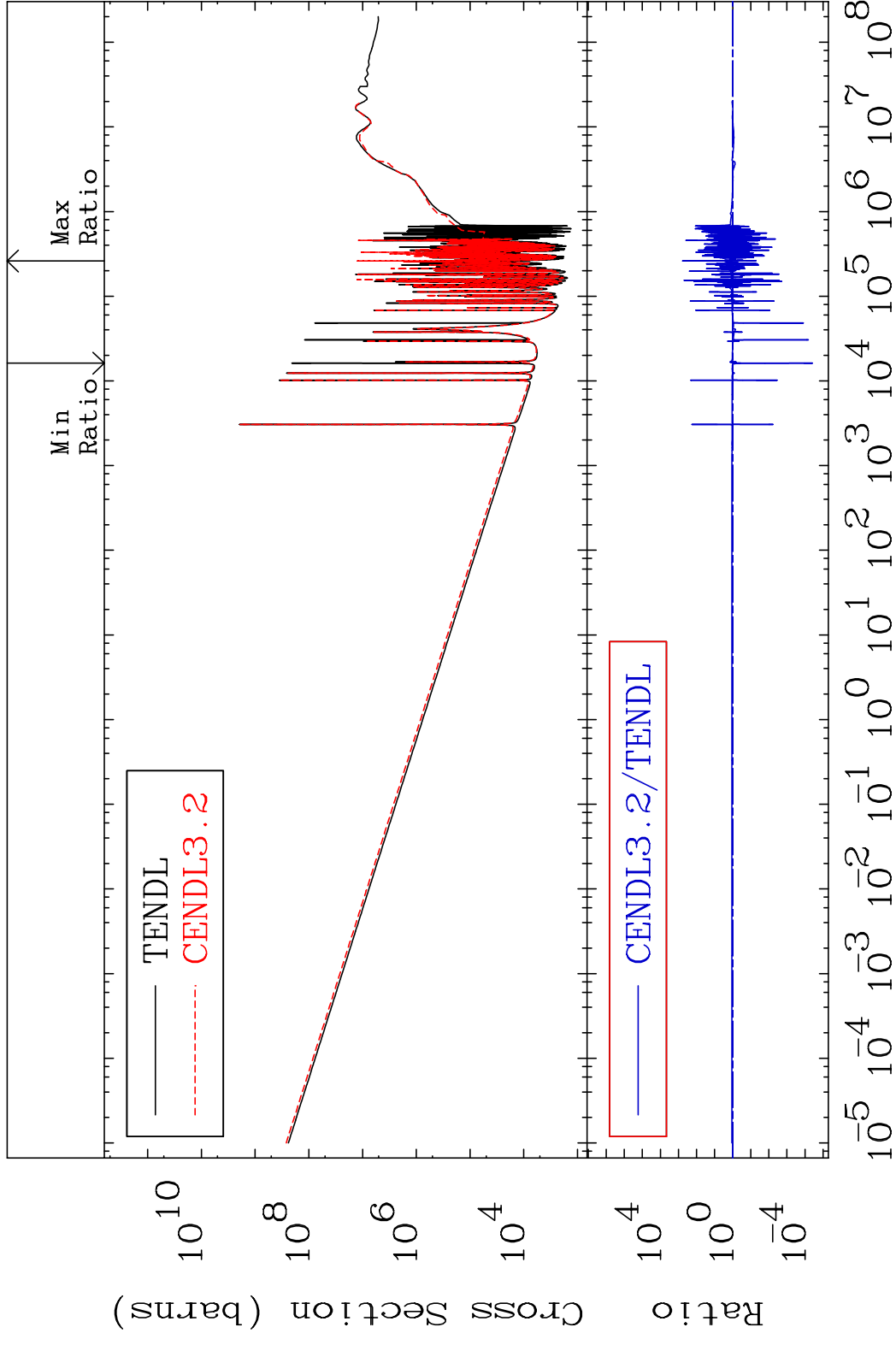
Kerma capture (mt102) 82-Pb-207
Cross Section -99.98 To 9999. %



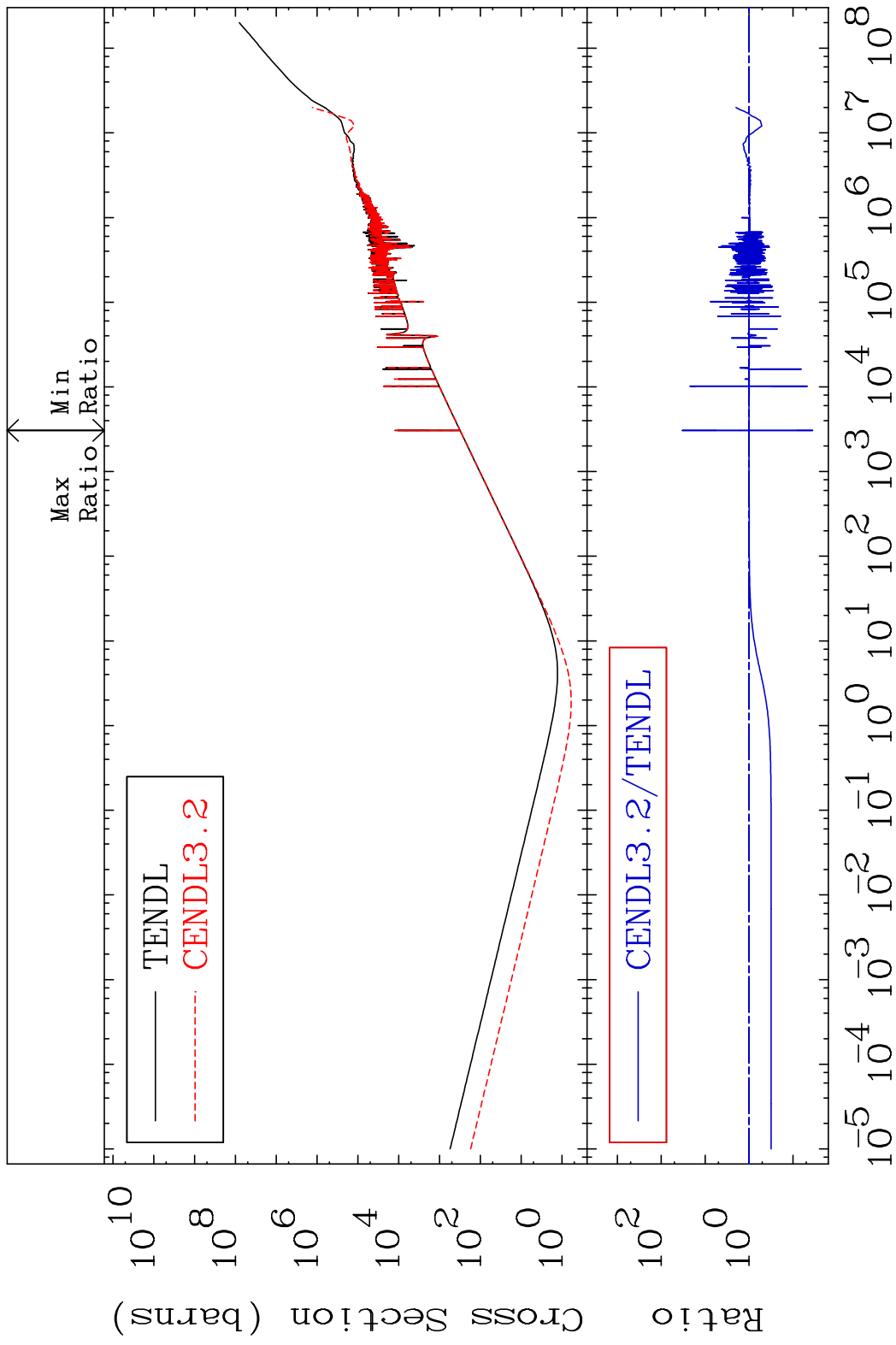
36

Incident Energy (eV) 82-Pb-207

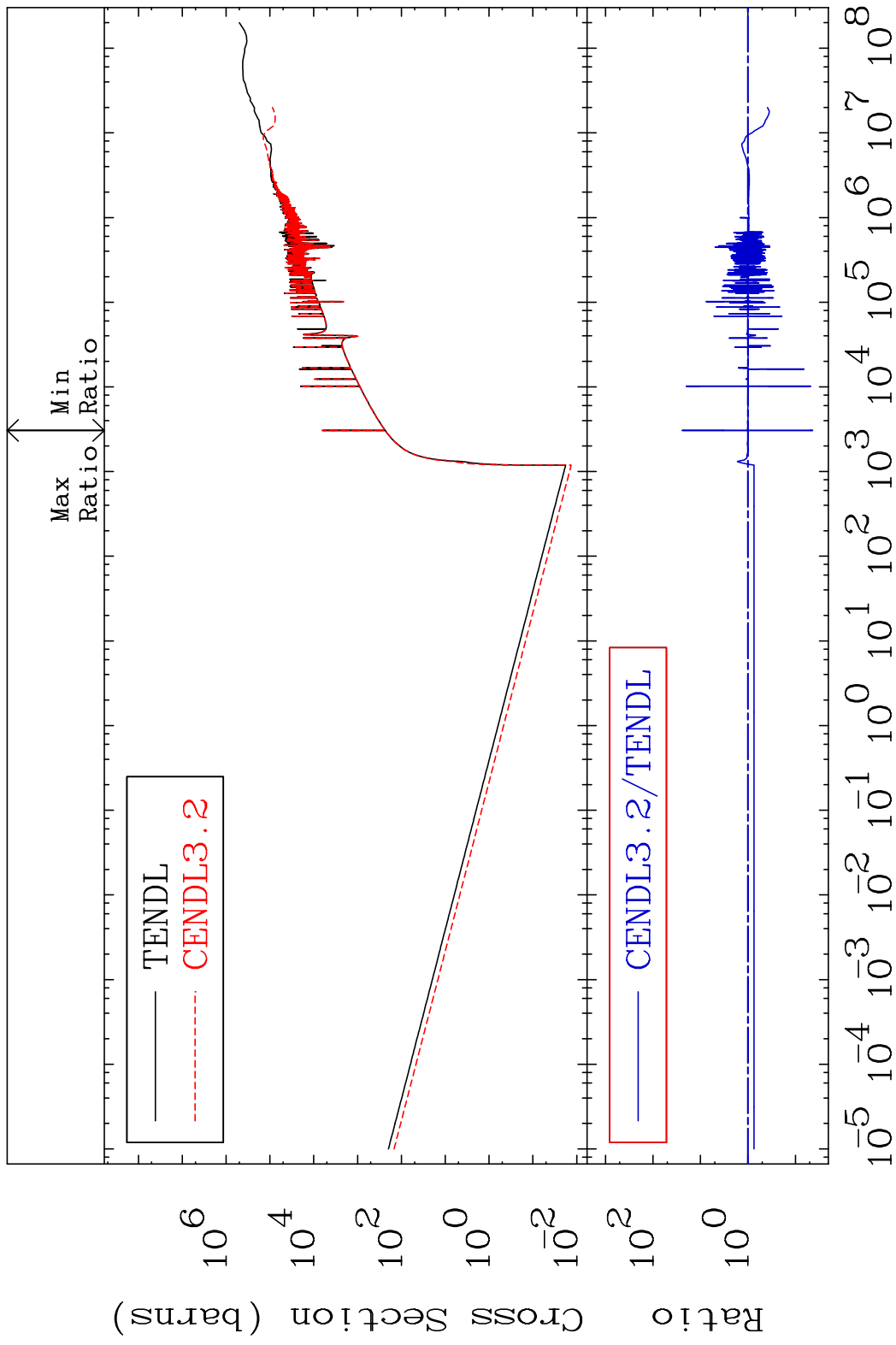
MAT 8234 Total photon (eV-barns) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
 Cross Section -96.41 To 3203. %



MAT 8234 Dpa total (eV-barns) 82-Pb-207
 Cross Section -95.64 To 2304. %



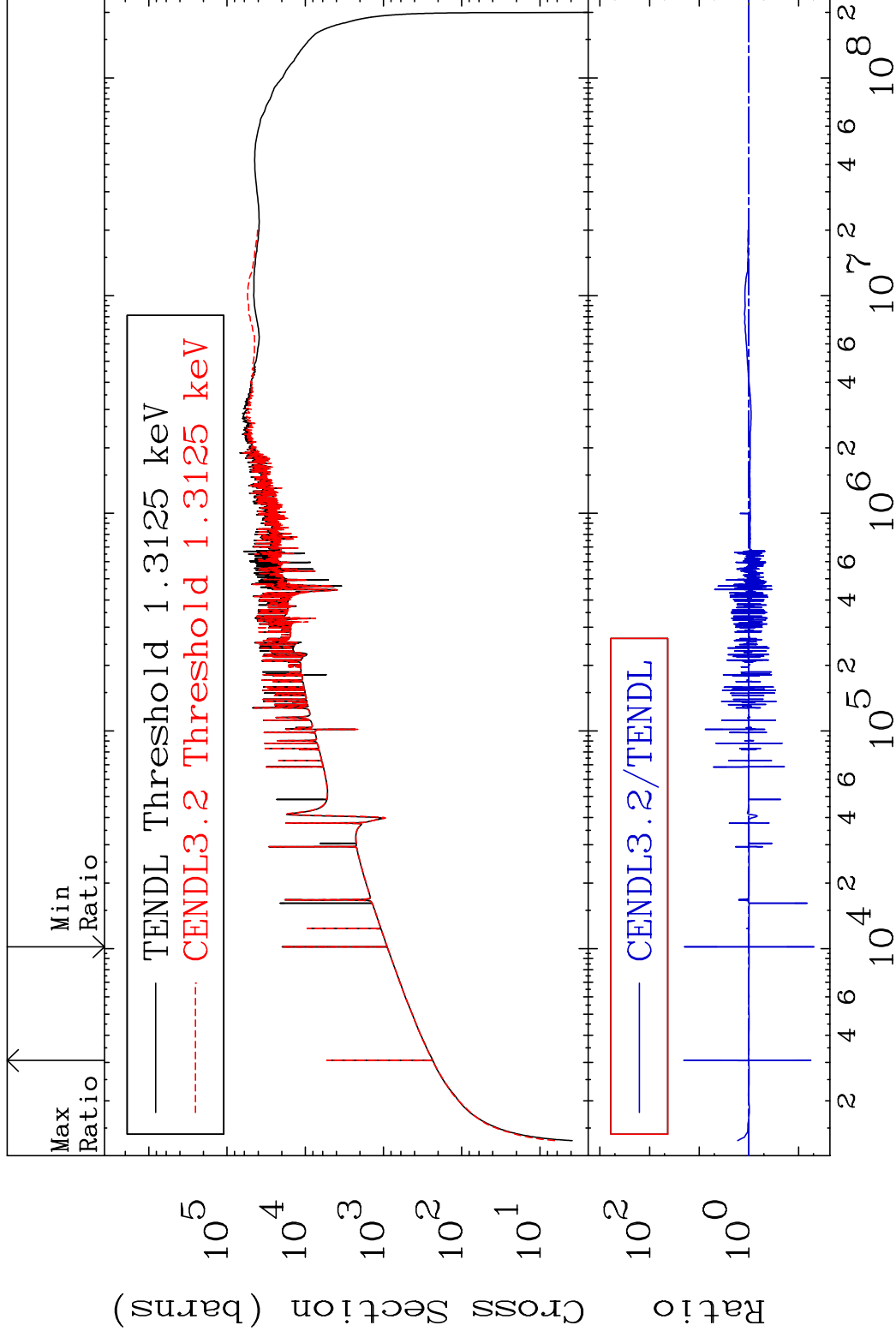
39 Incident Energy (eV) 82-Pb-207

MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -95.13 To 1961. %

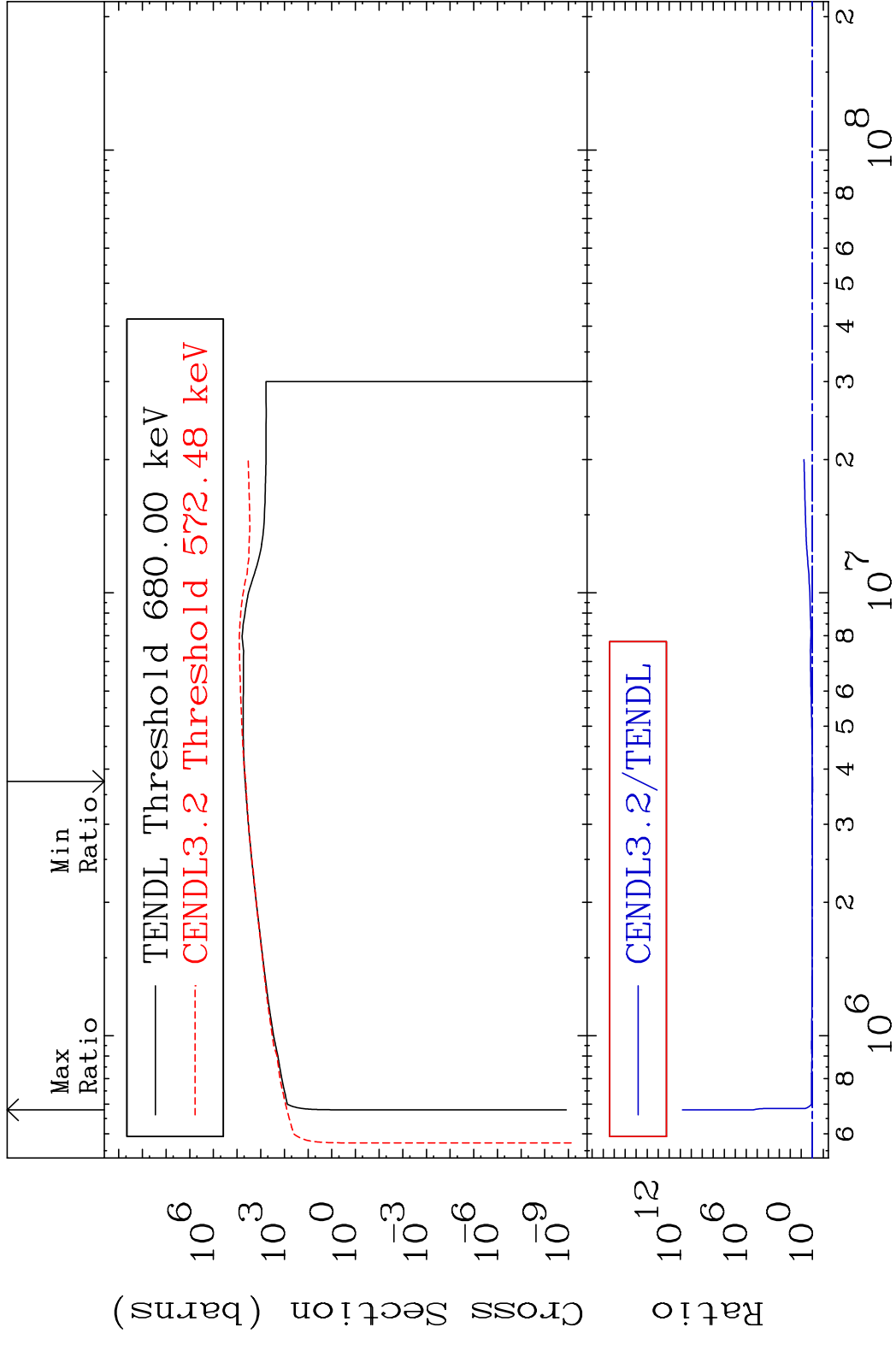


40

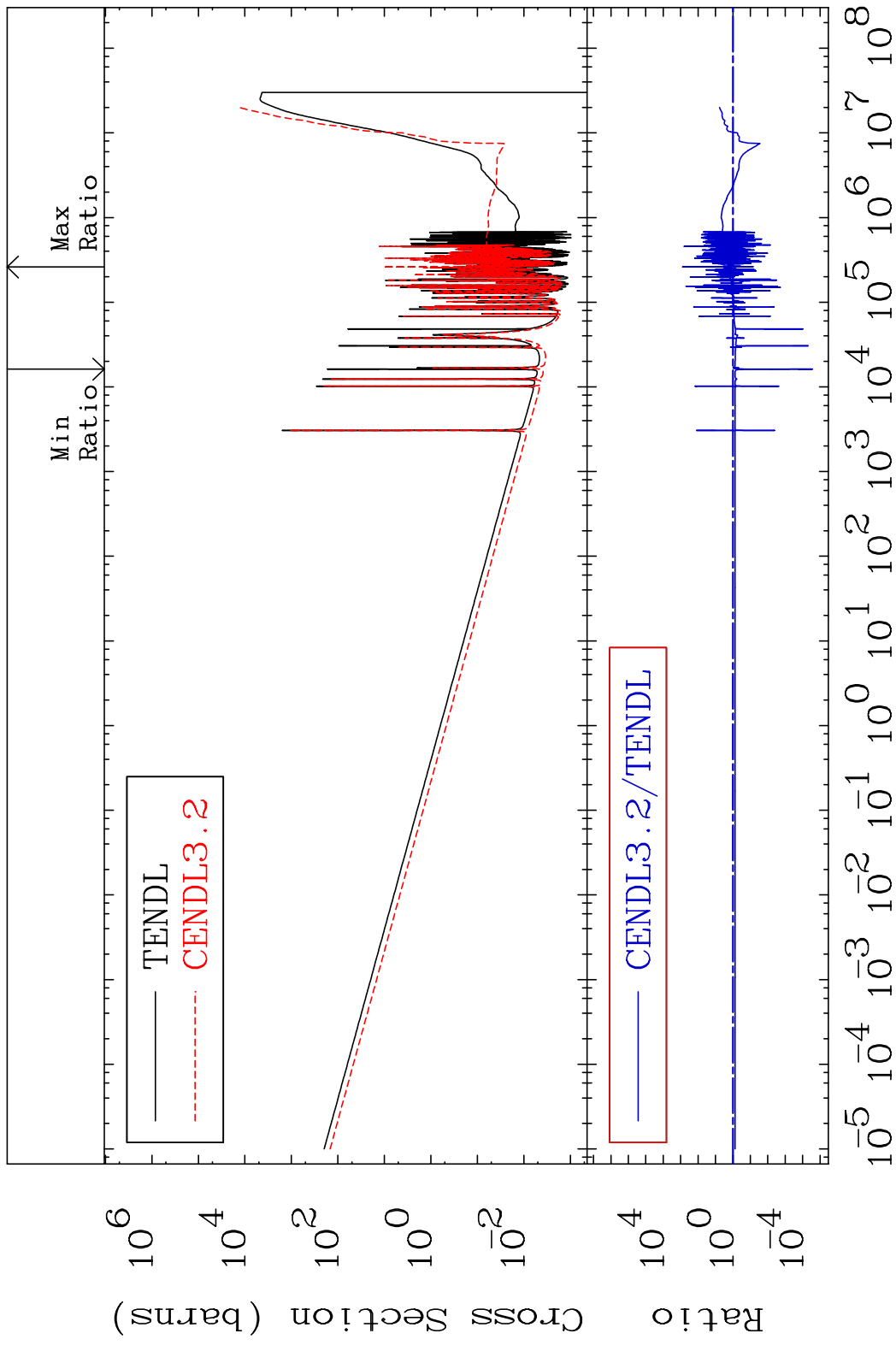
Incident Energy (eV)

82-Pb-207

MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -5.152 To 9999. %



MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -100.0 To 9999. %

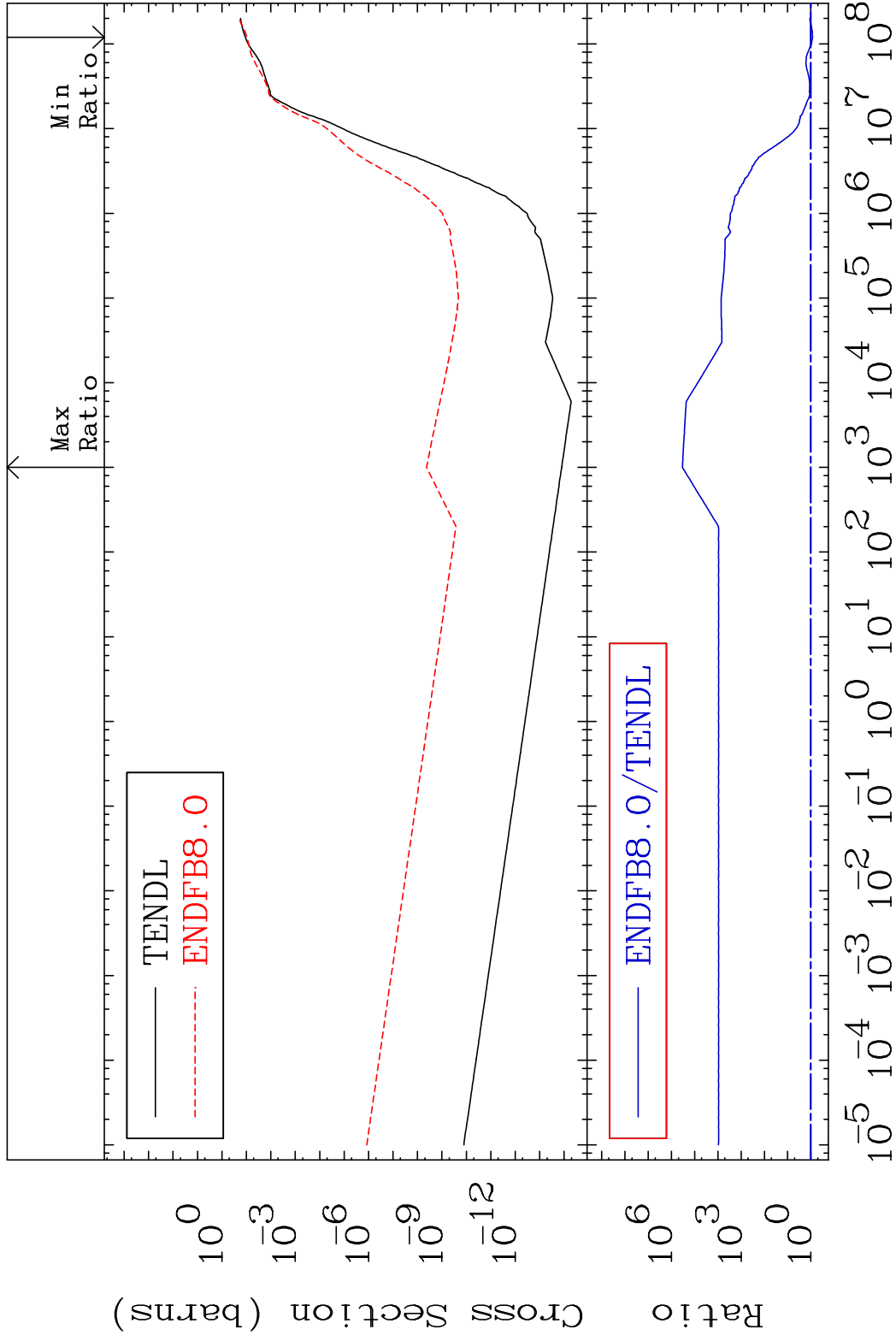


MAT 8234

He-4 Production

82-Pb-207

Cross Section -15.31 To 9999. %

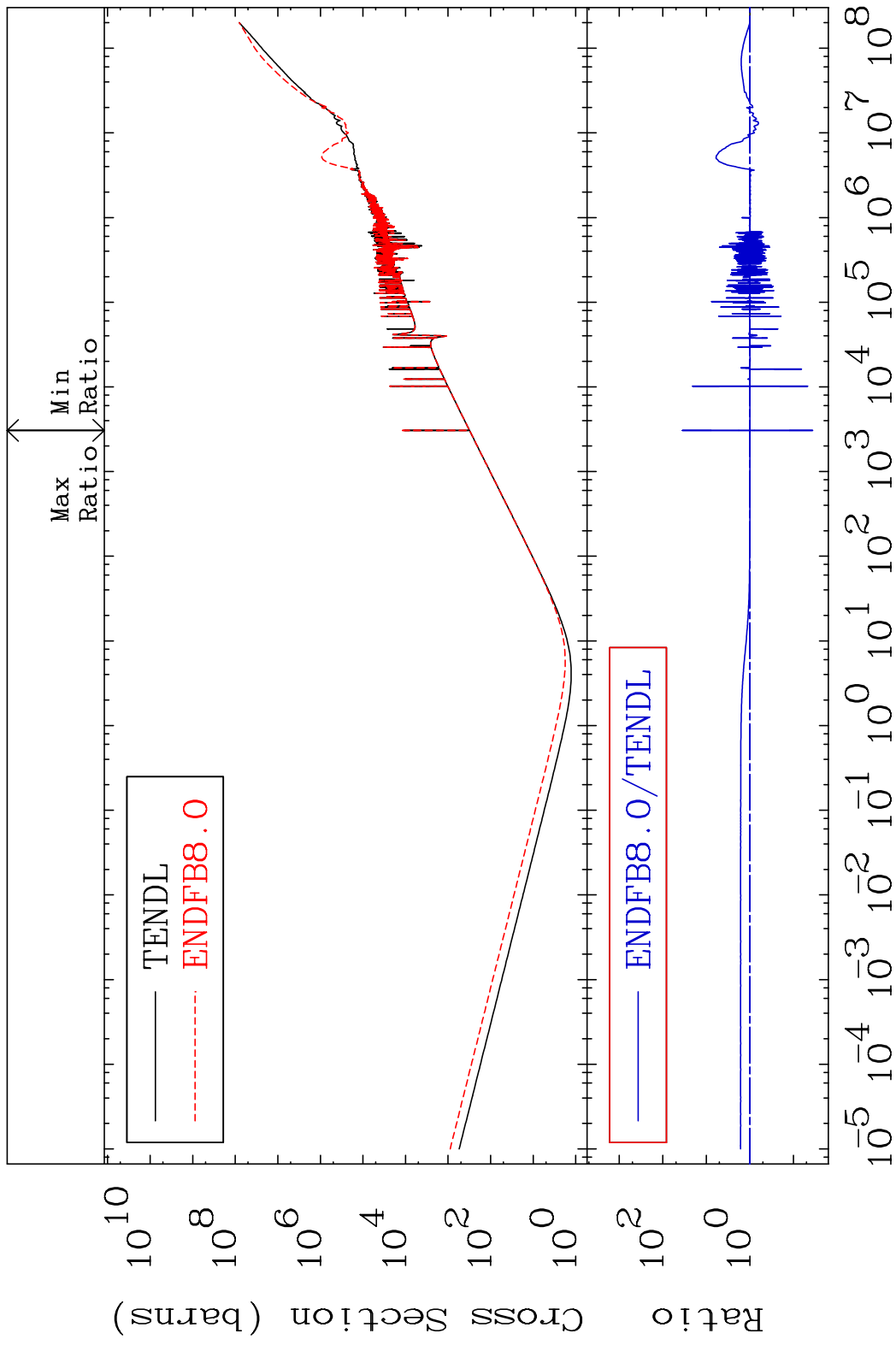


43

Incident Energy (eV)

82-Pb-207

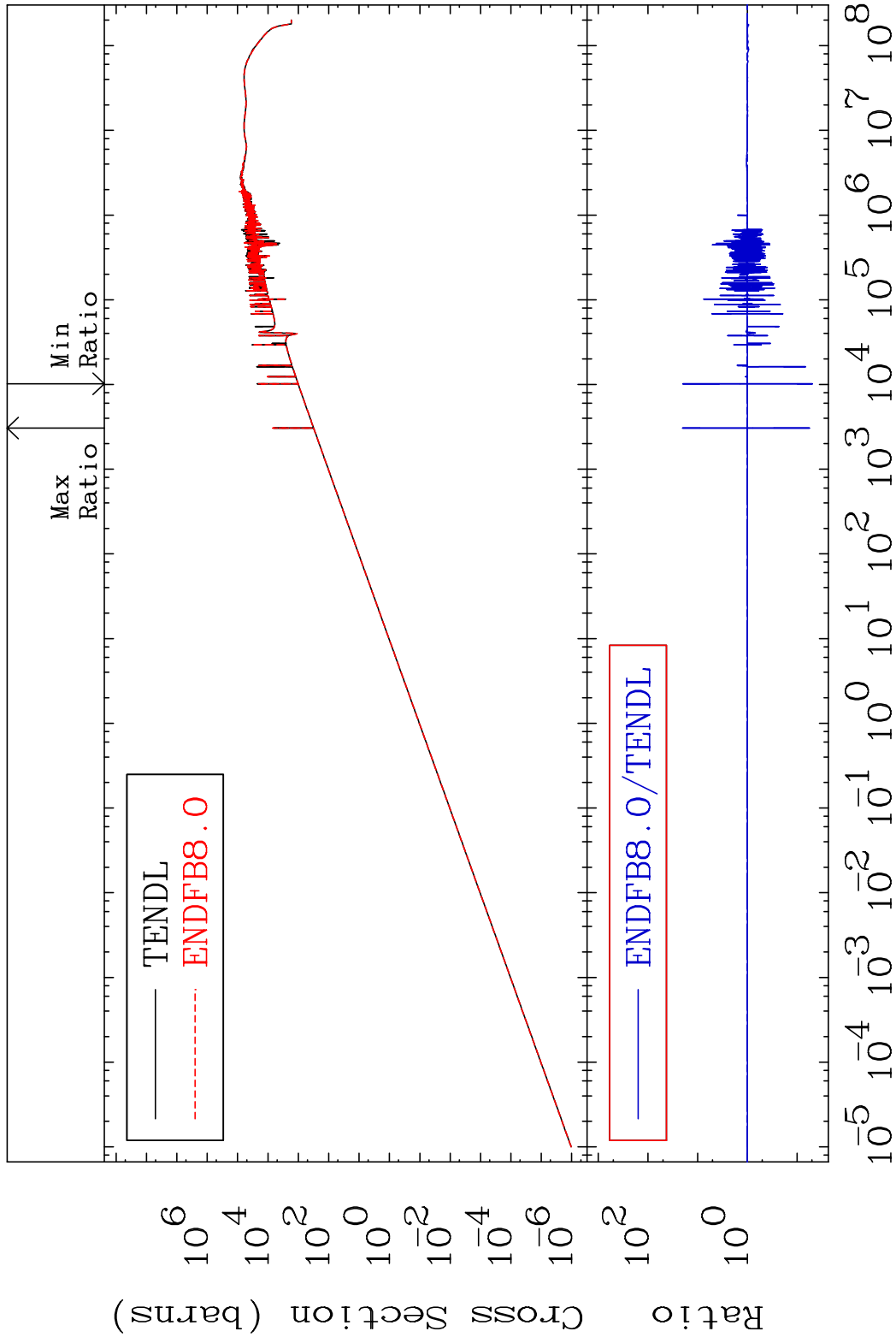
MAT 8234 Kerma total (eV-barns) 82-Pb-207
 Cross Section -96.36 To 3454. %



MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-95.13 To 1929. %

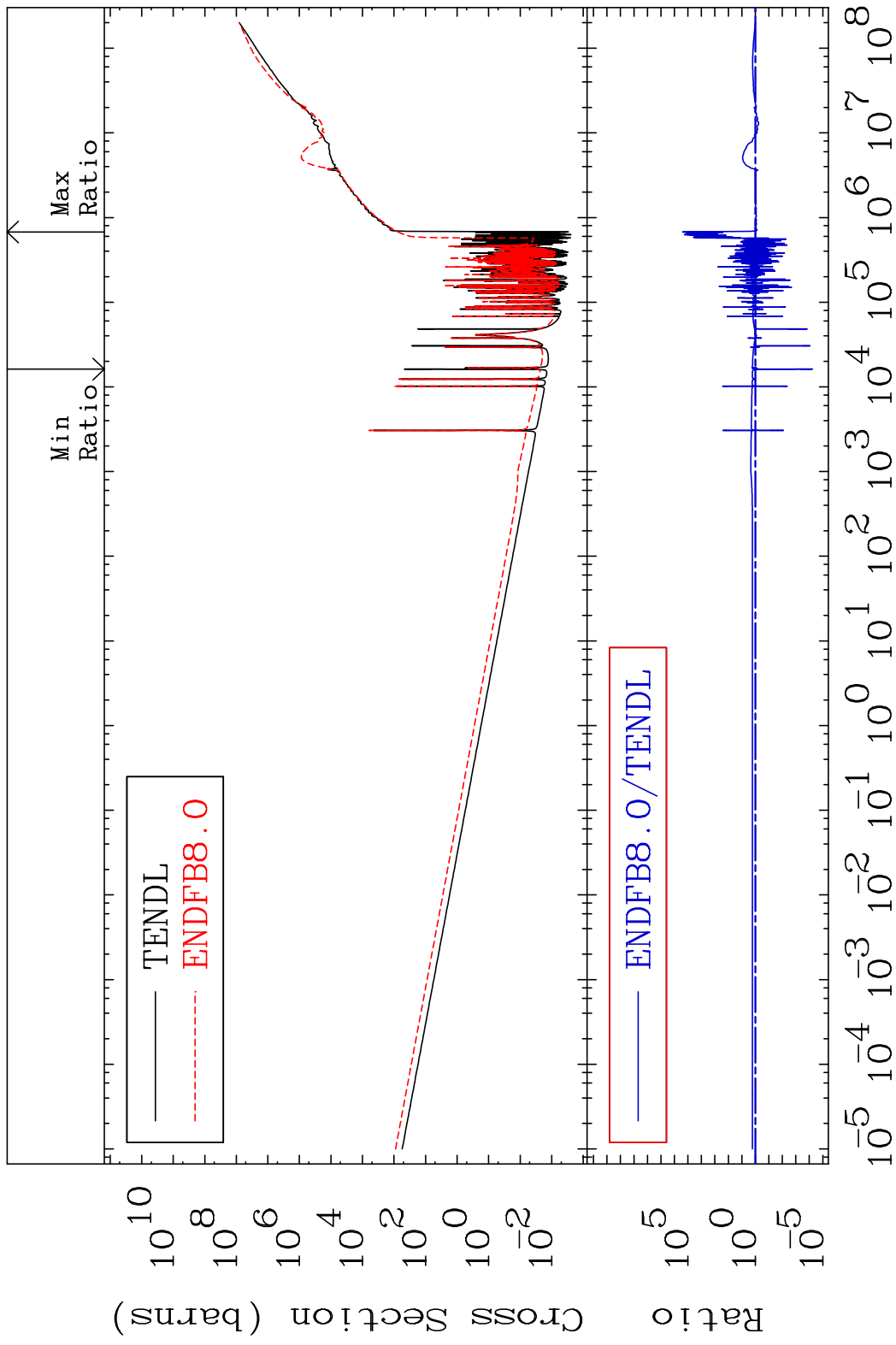


45

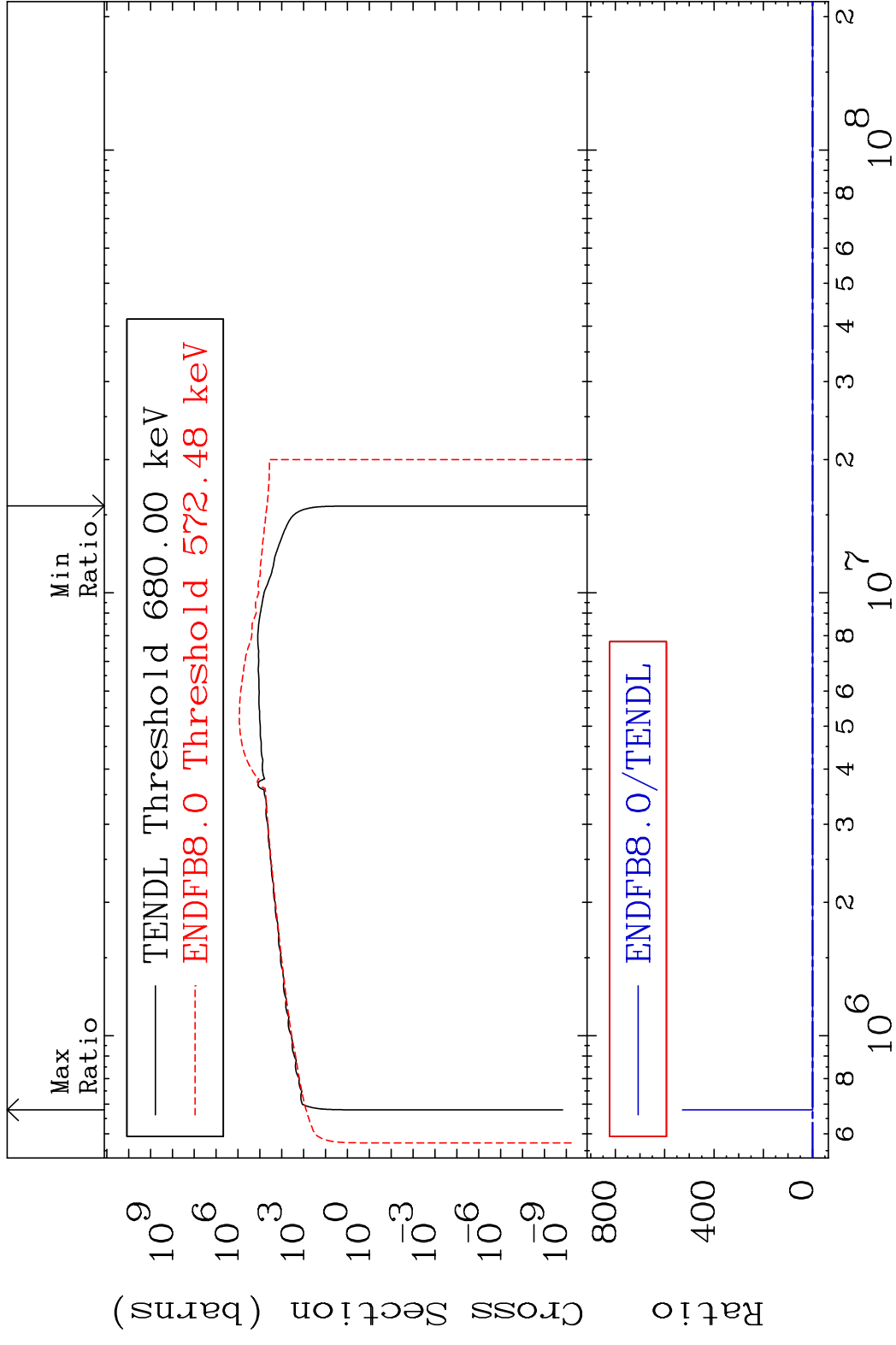
Incident Energy (eV)

82-Pb-207

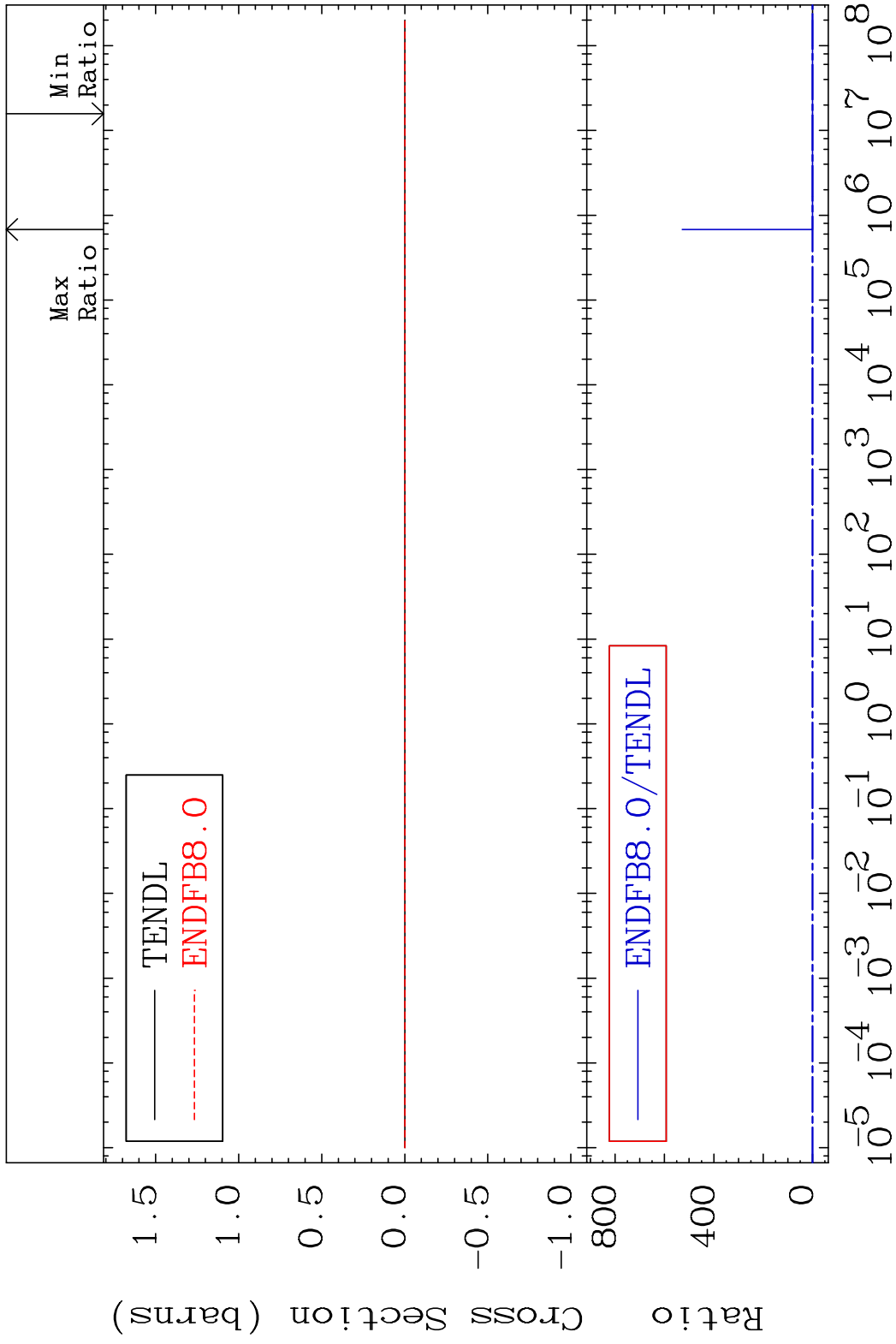
MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -99.99 To 9999. %



MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207
 Cross Section -9999. To 9999. %



MAT 8234 Kerma fission (mt18 or mt19-20-21-38)82-Pb-207
 Cross Section -9999. To 9999. %

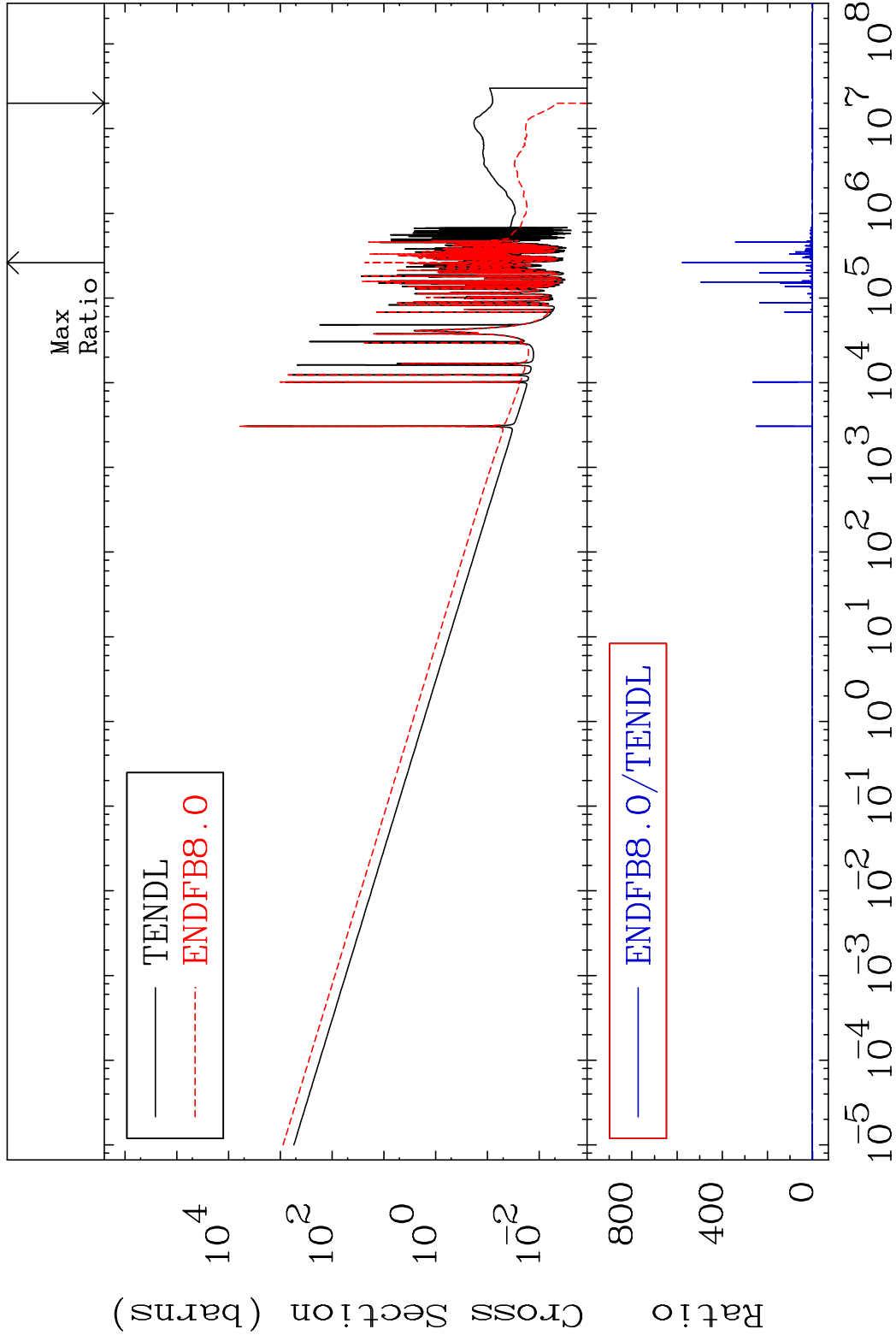


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -100.0 To 9999. %

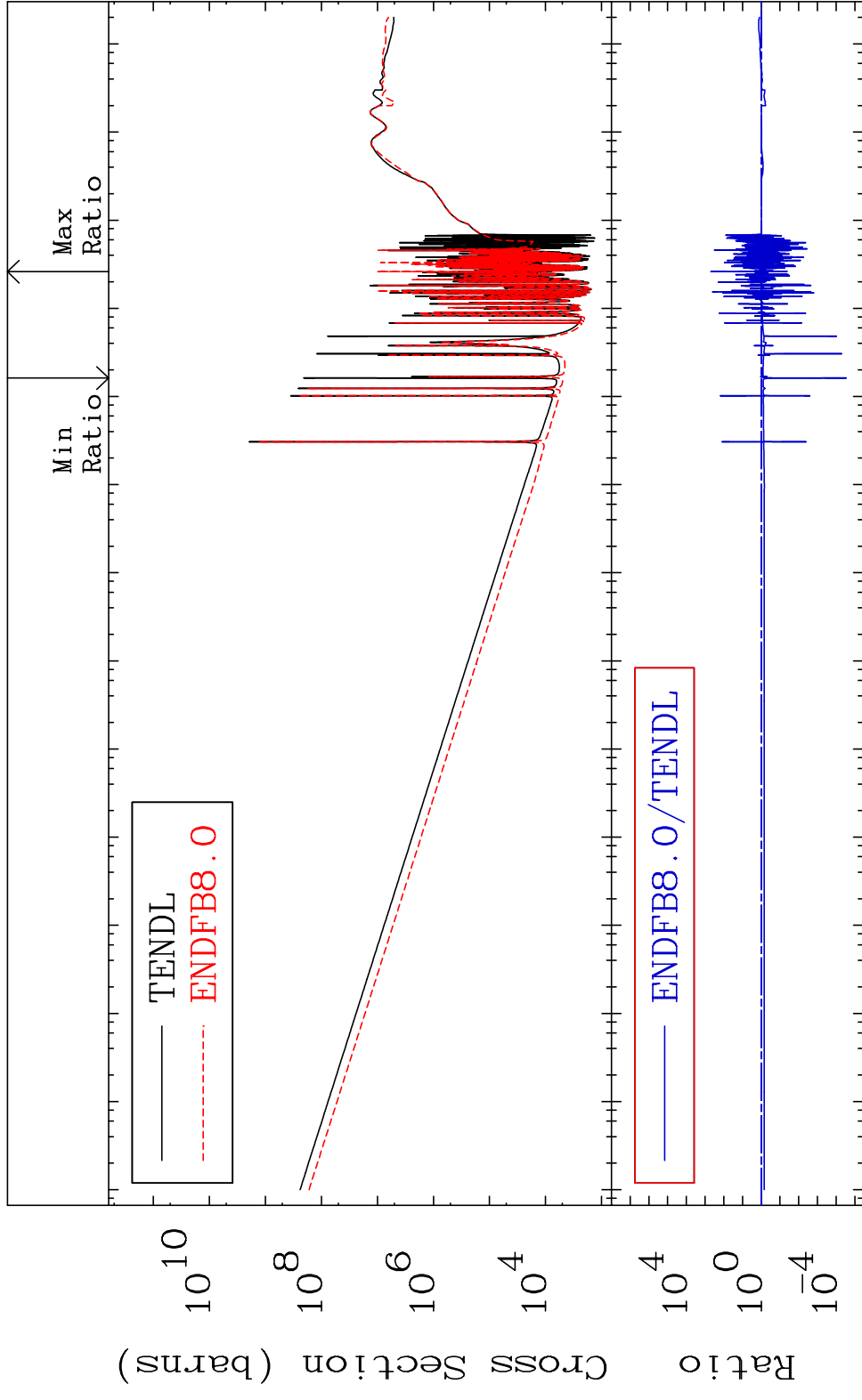


49

Incident Energy (eV)

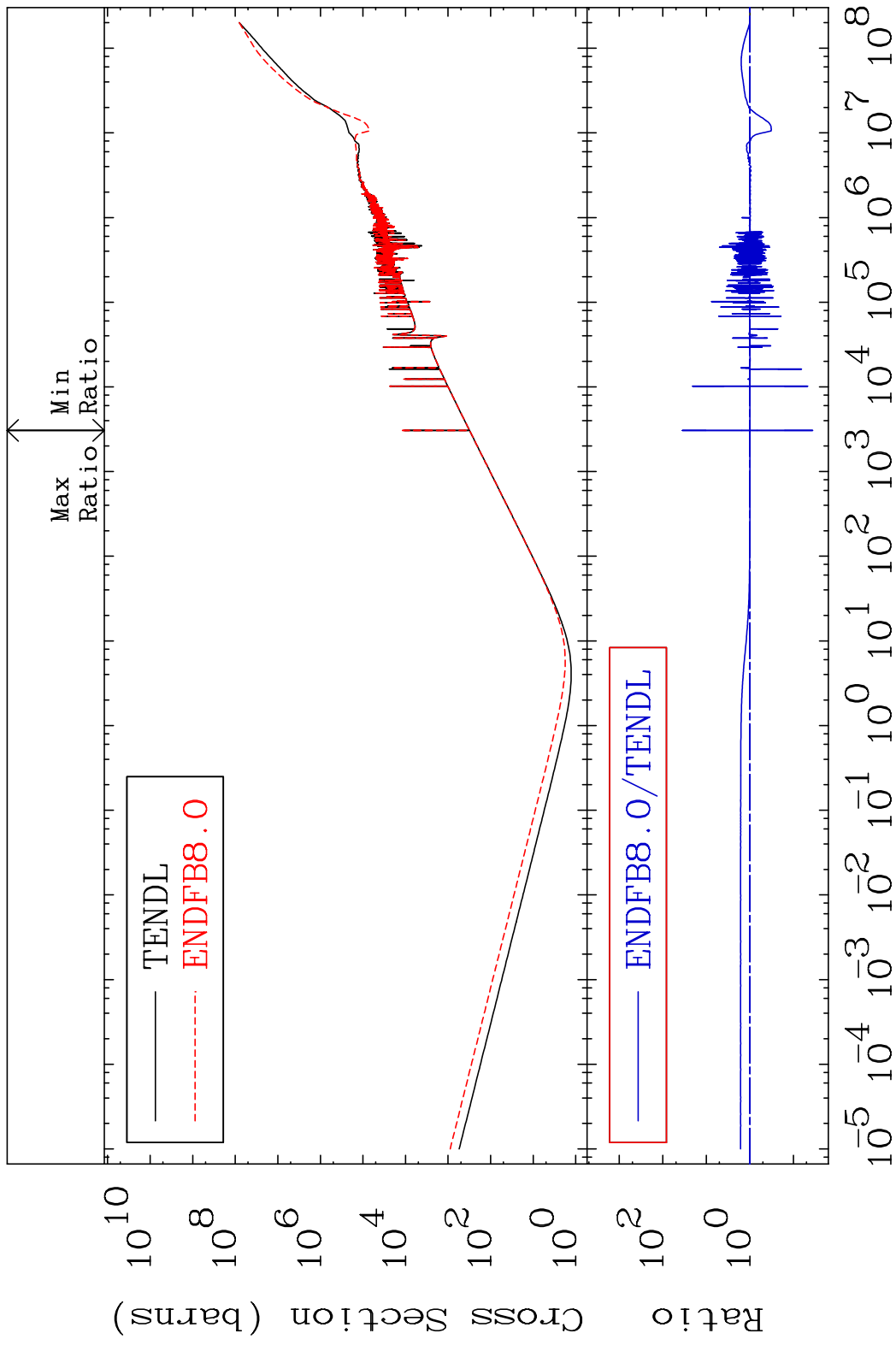
82-Pb-207

MAT 8234 Total photon (eV-barns) 82-Pb-207
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 82-Pb-207

MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
 Cross Section -96.36 To 3454. %

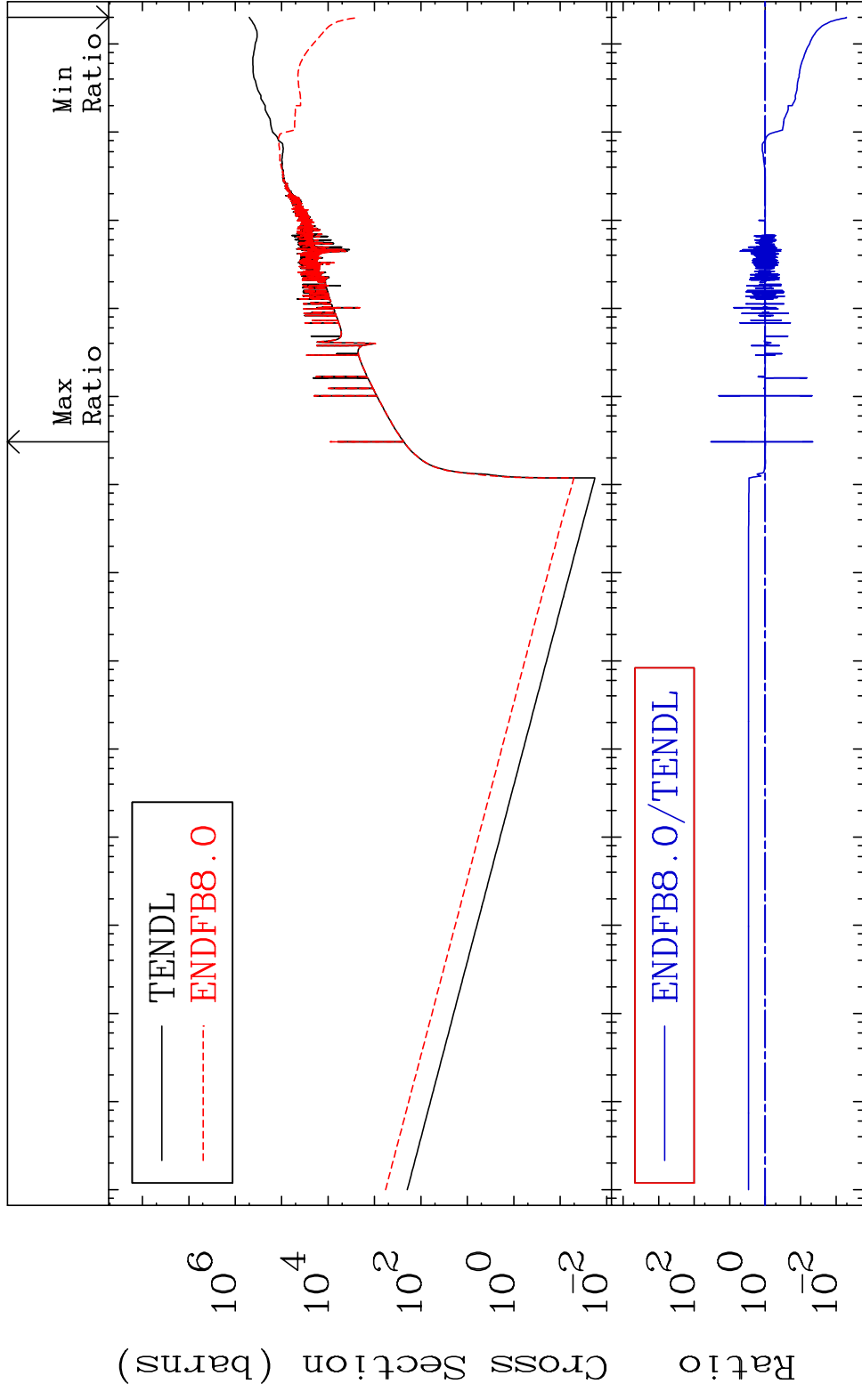


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.48 To 3319. %

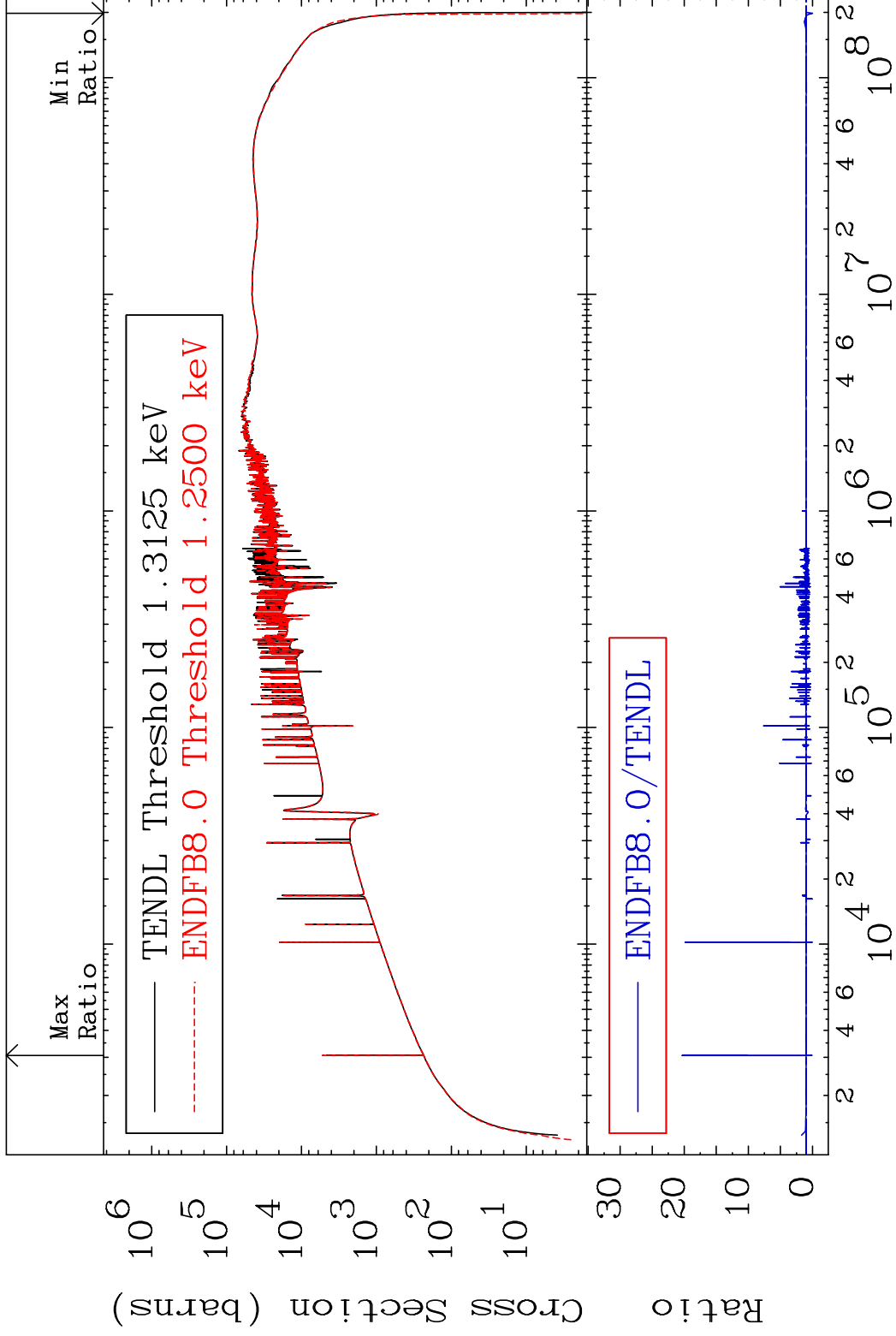


MAT 8234

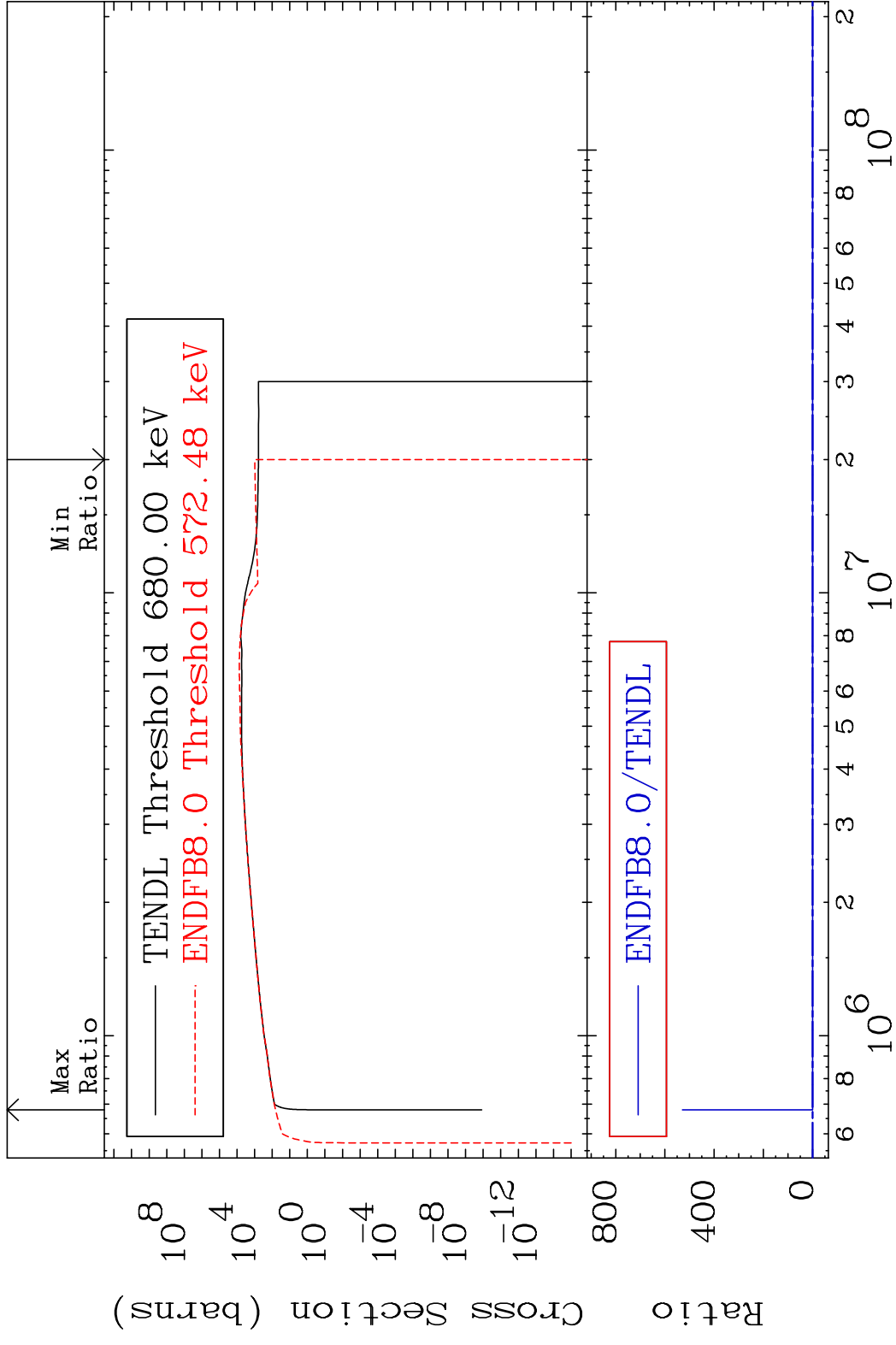
Dpa elastic (mt2)

82-Pb-207

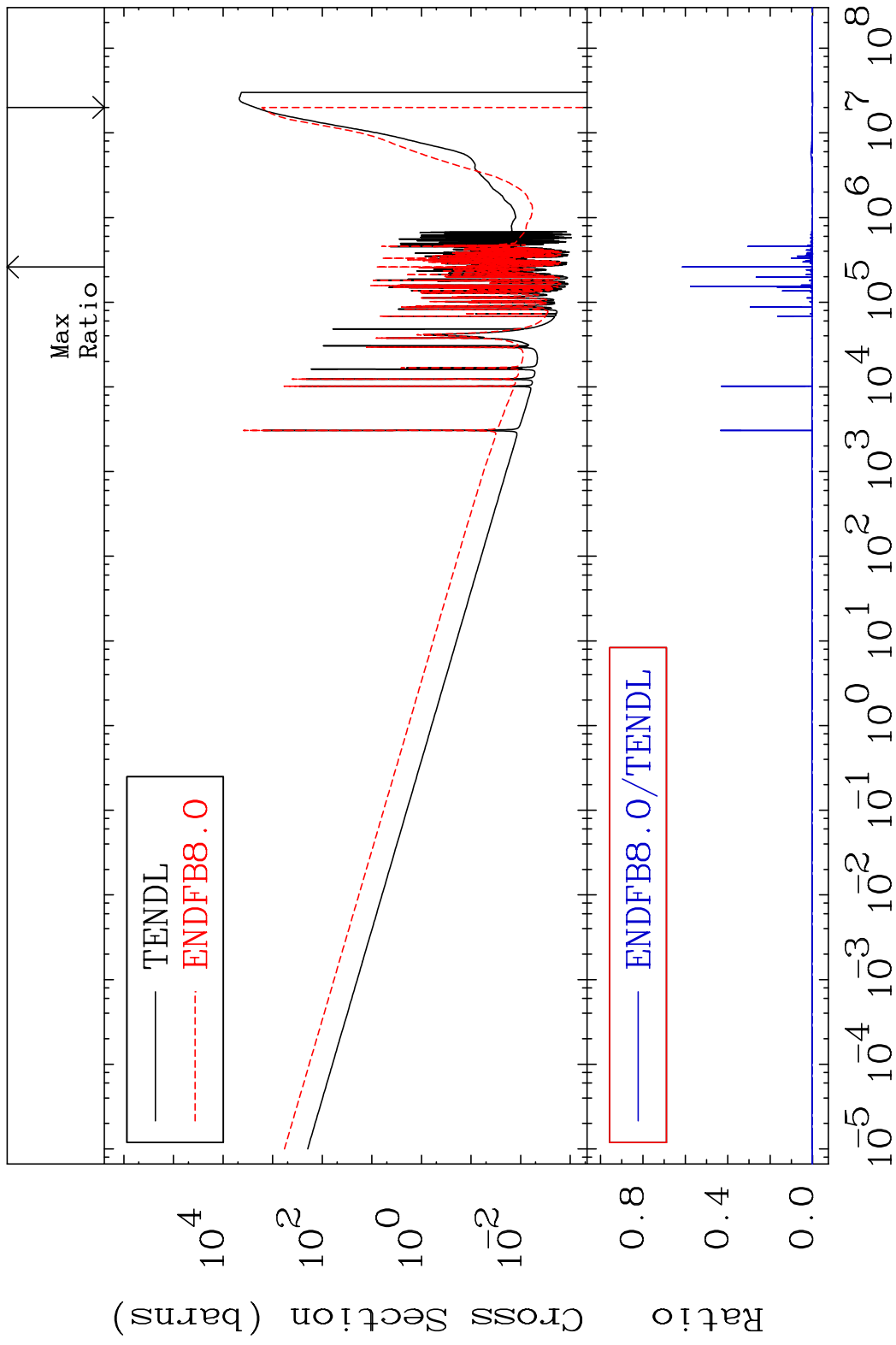
Cross Section -100.0 To 1933. %



MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 (n,p):81-Tl-207g 82-Pb-207
 Radionuclide Production Cross Section 180.0 dth 121.7 %

