

Program Complot
(Version 2021-1)

by

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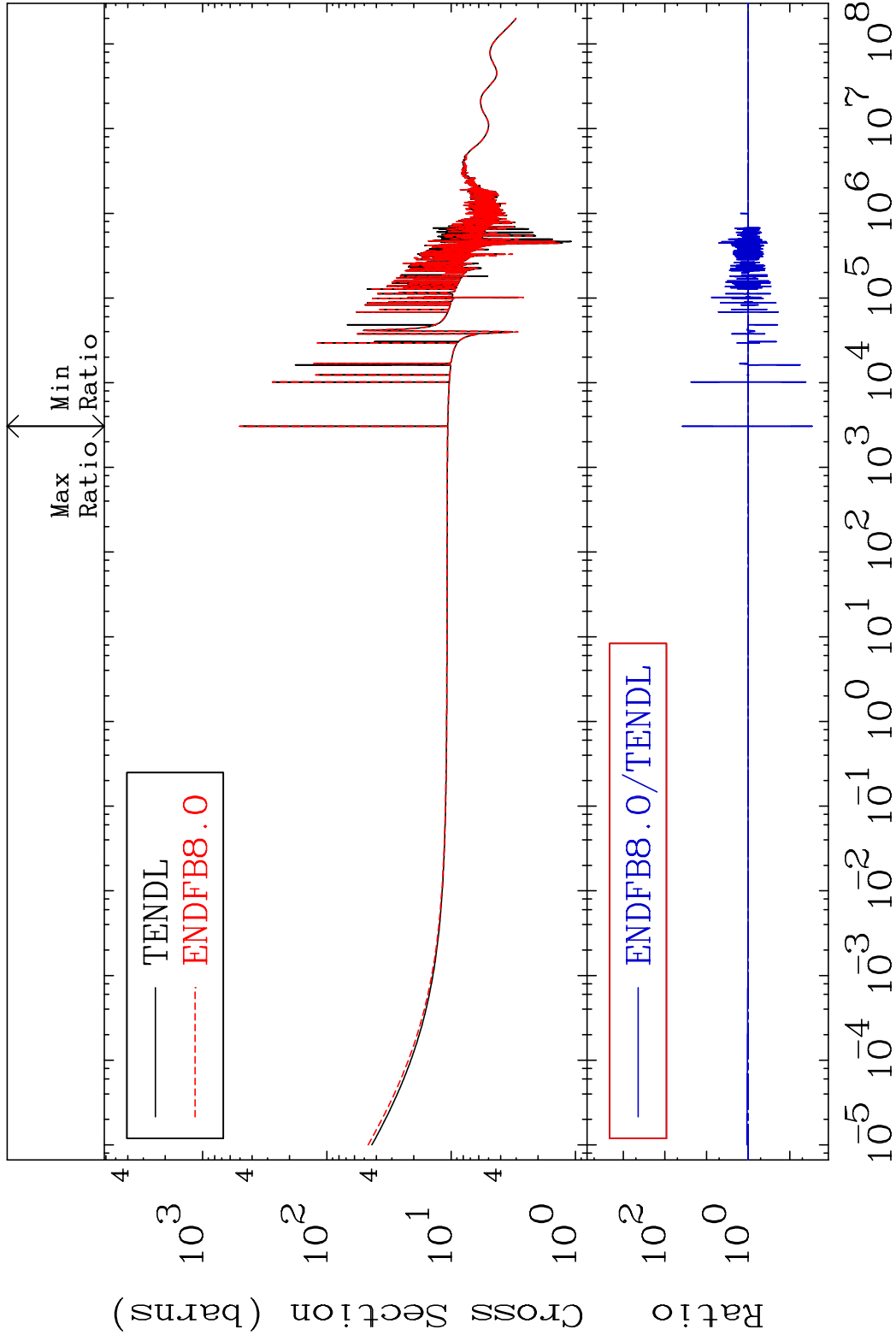
Press Mouse Button to Start

MAT 8234

Total

82-Pb-207

Cross Section -97.16 To 3715. %



1

Incident Energy (eV)

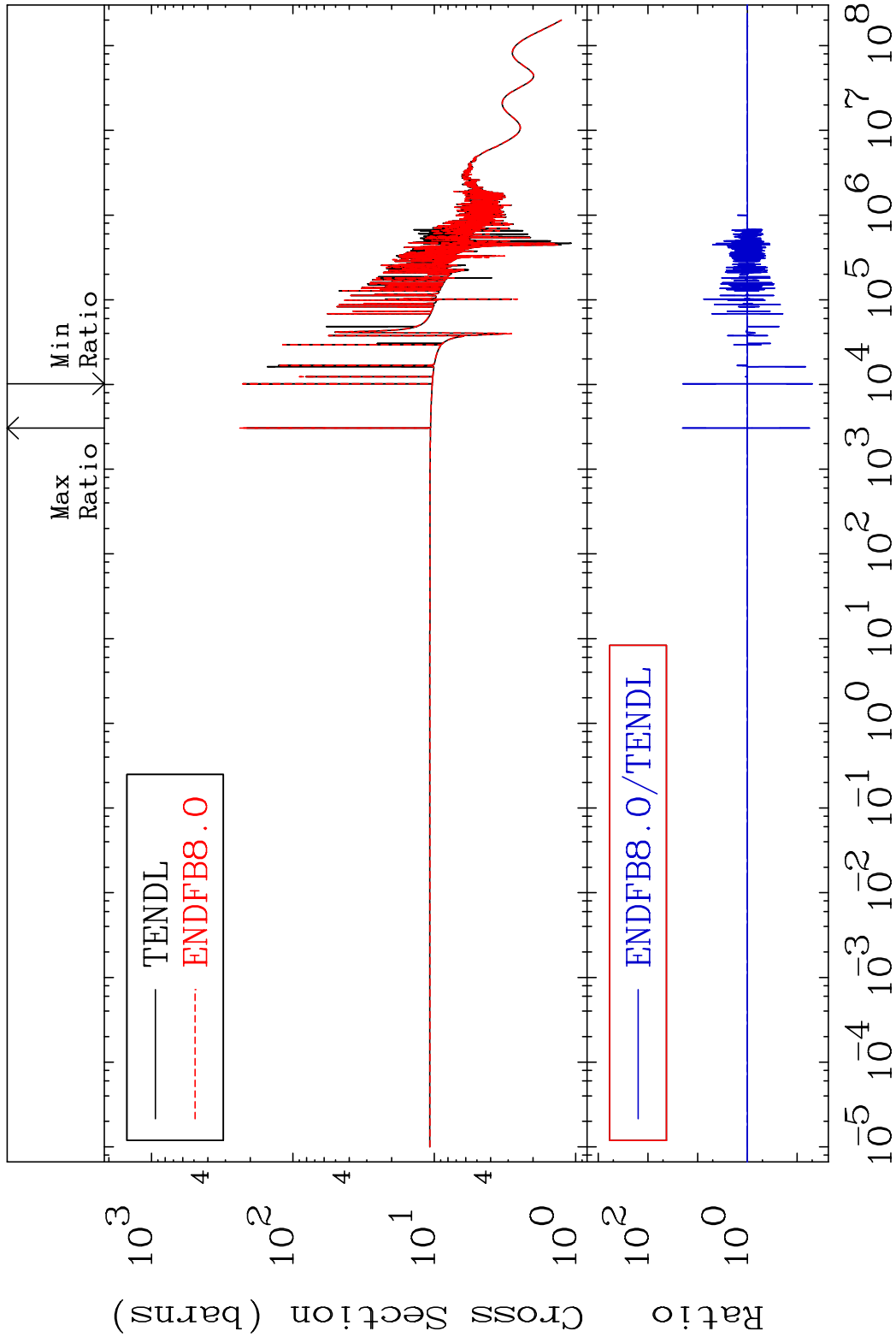
82-Pb-207

MAT 8234

Elastic

82-Pb-207

Cross Section -95.11 To 1932. %



2

Incident Energy (eV)

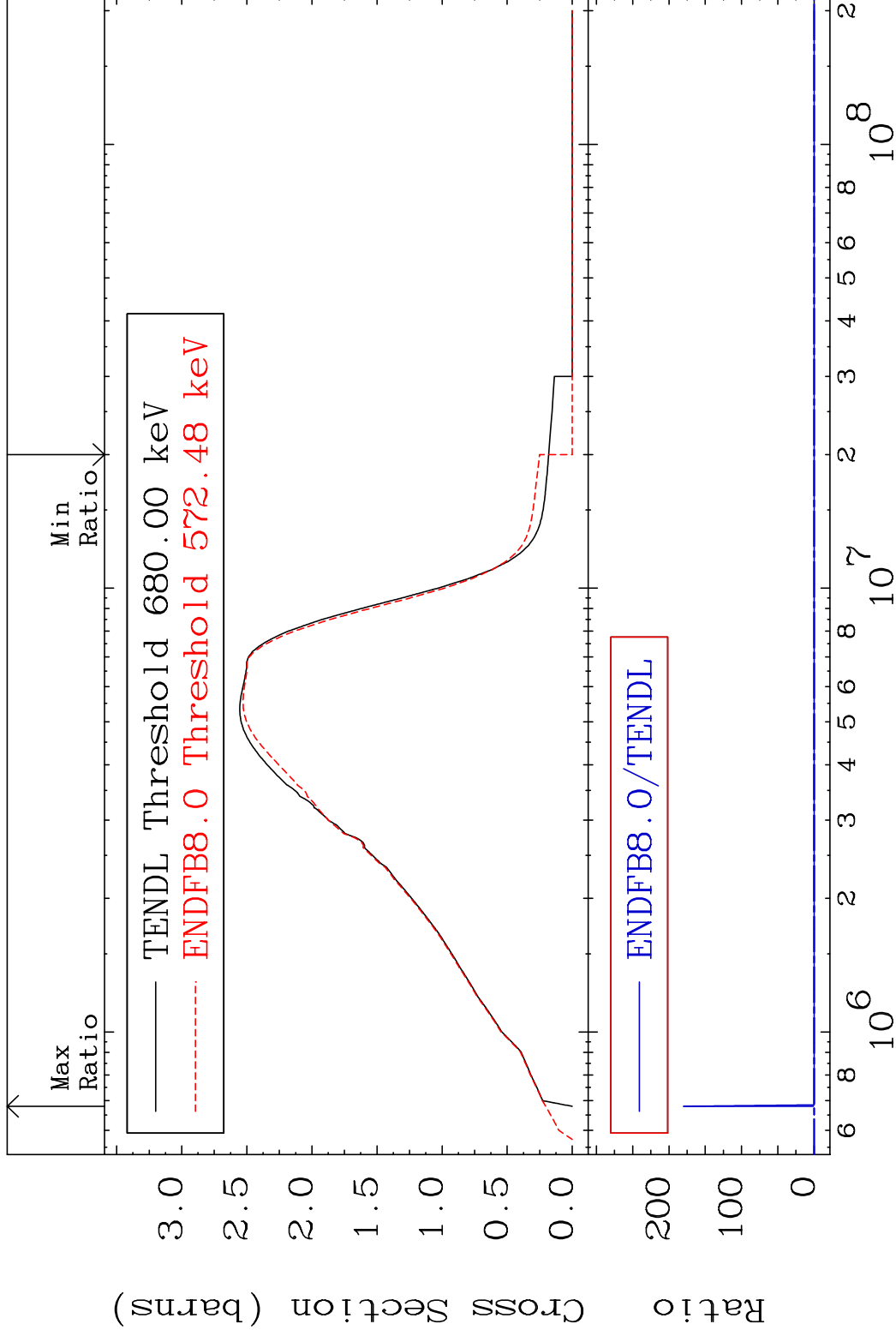
82-Pb-207

MAT 8234

Inelastic

82-Pb-207

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

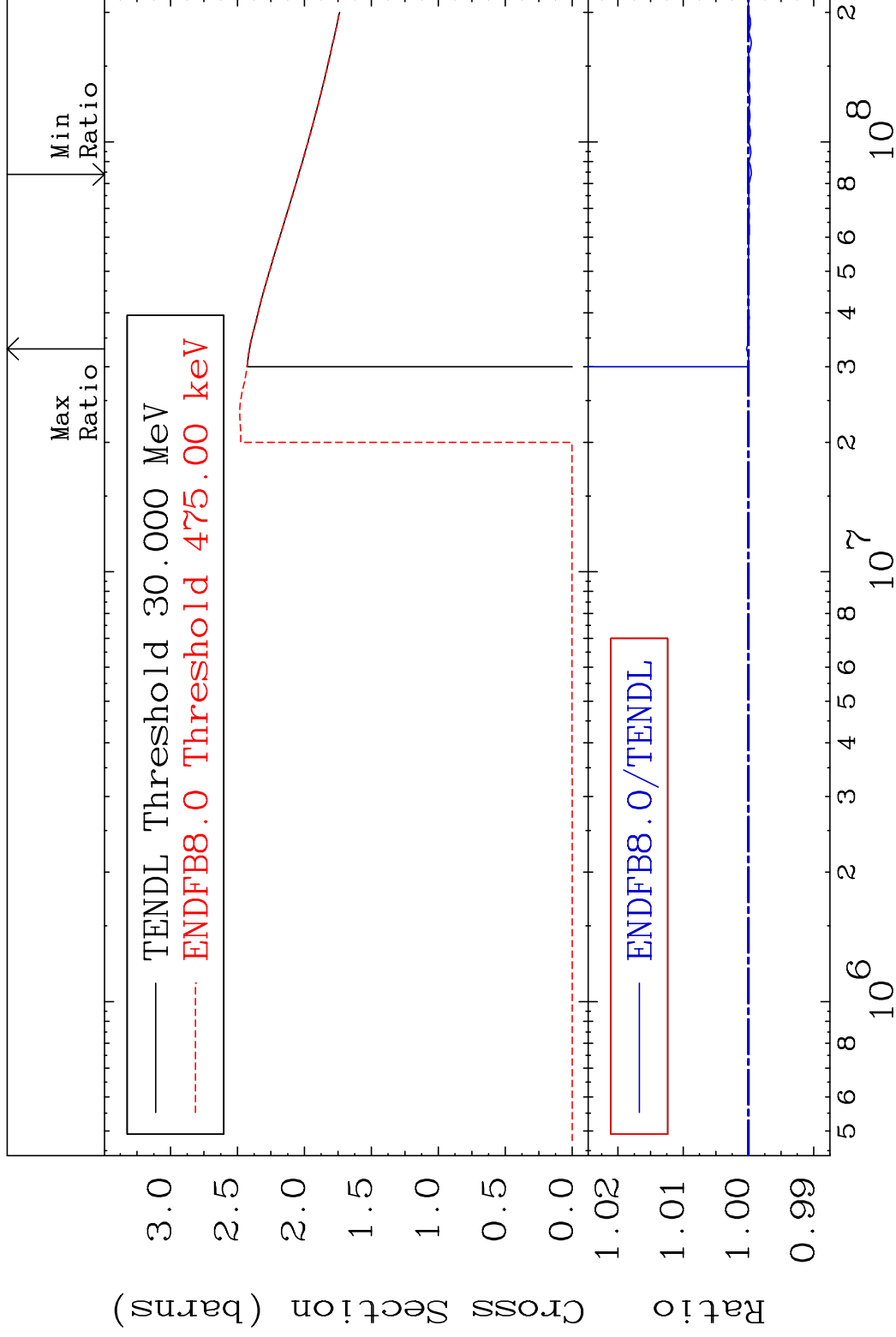
82-Pb-207

MAT 8234

(n, remainder)

82-Pb-207

Cross Section -0.044 To 0.030 %

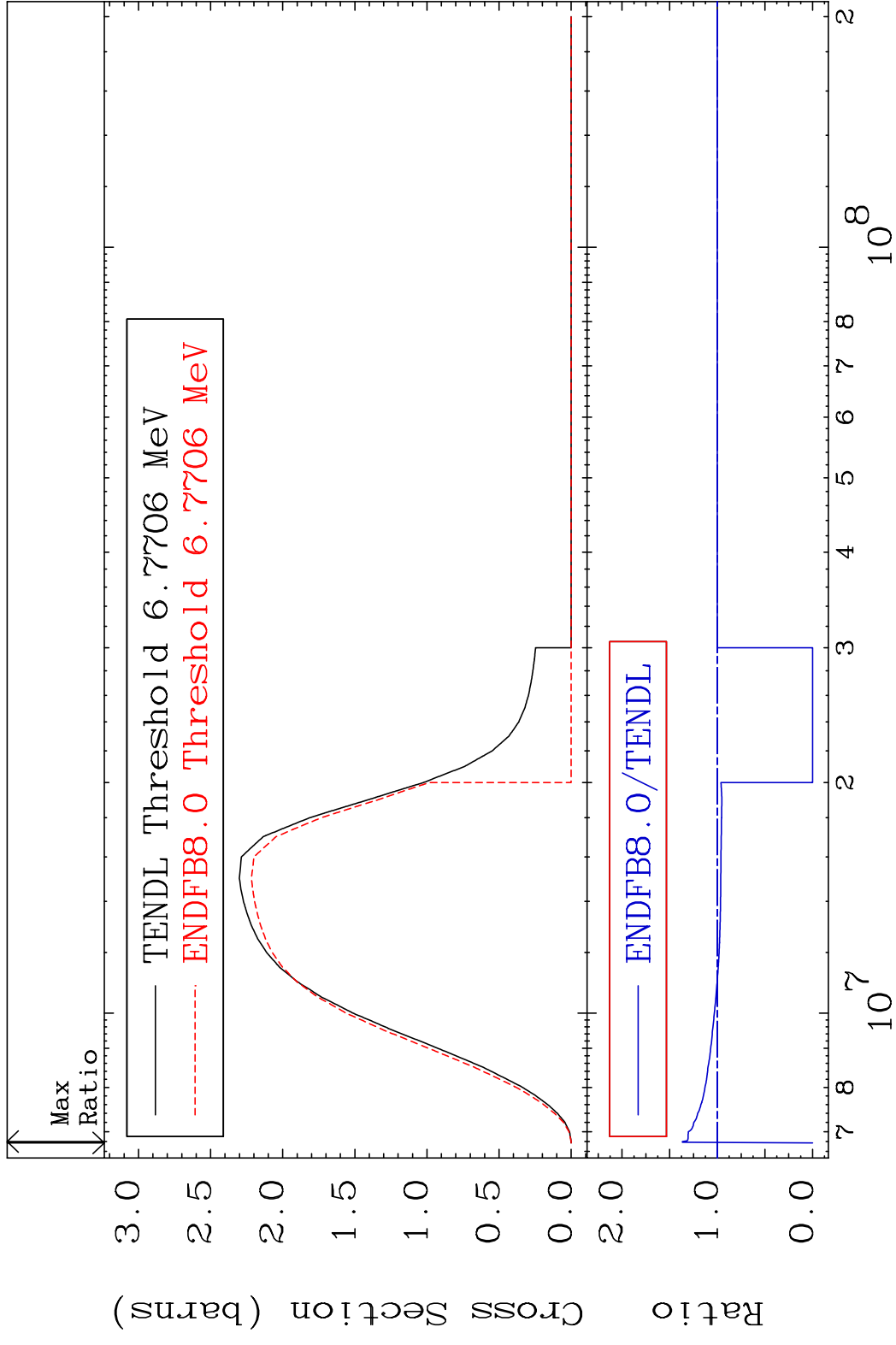


4

Incident Energy (eV)

82-Pb-207

MAT 8234 (n,2n) 82-Pb-207
 Cross Section -100.0 To 36.68 %



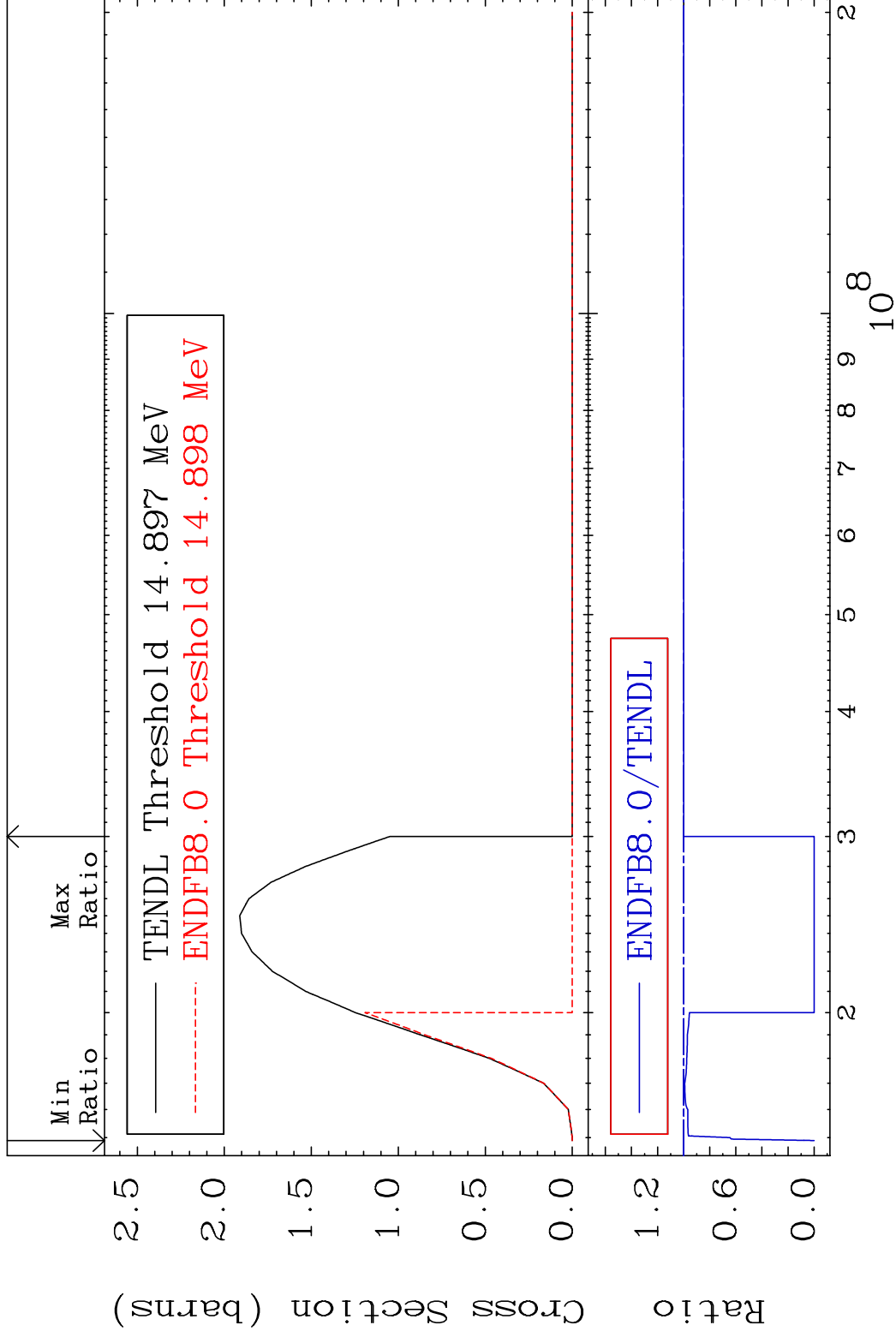
5 Incident Energy (eV) 82-Pb-207

MAT 8234

(n,3n)

82-Pb-207

Cross Section -100.0 To 0.000 %

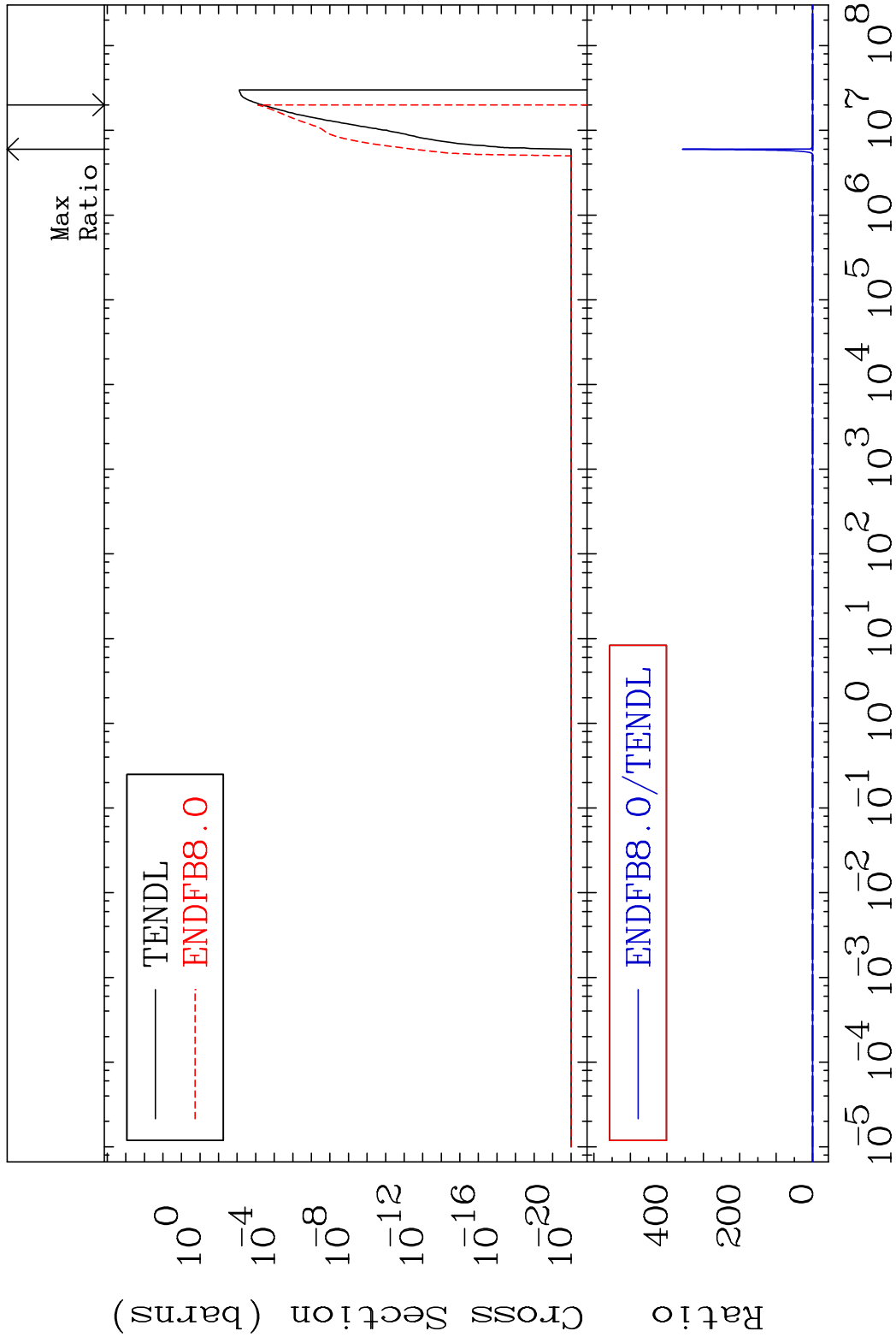


MAT 8234

(n, n') α

82-Pb-207

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

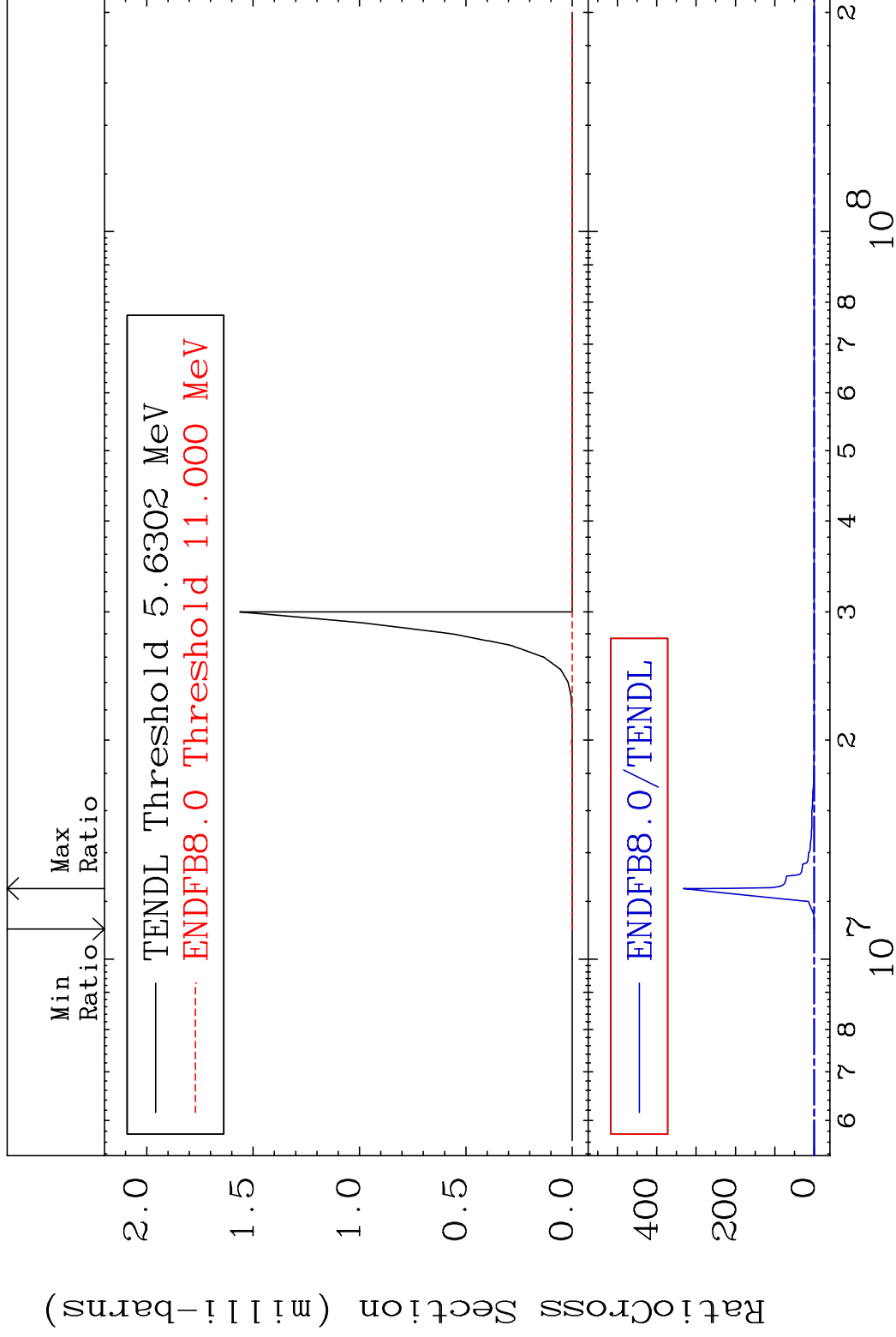
82-Pb-207

MAT 8234

(n,2n) α

82-Pb-207

Cross Section -100.0 To 9999. %

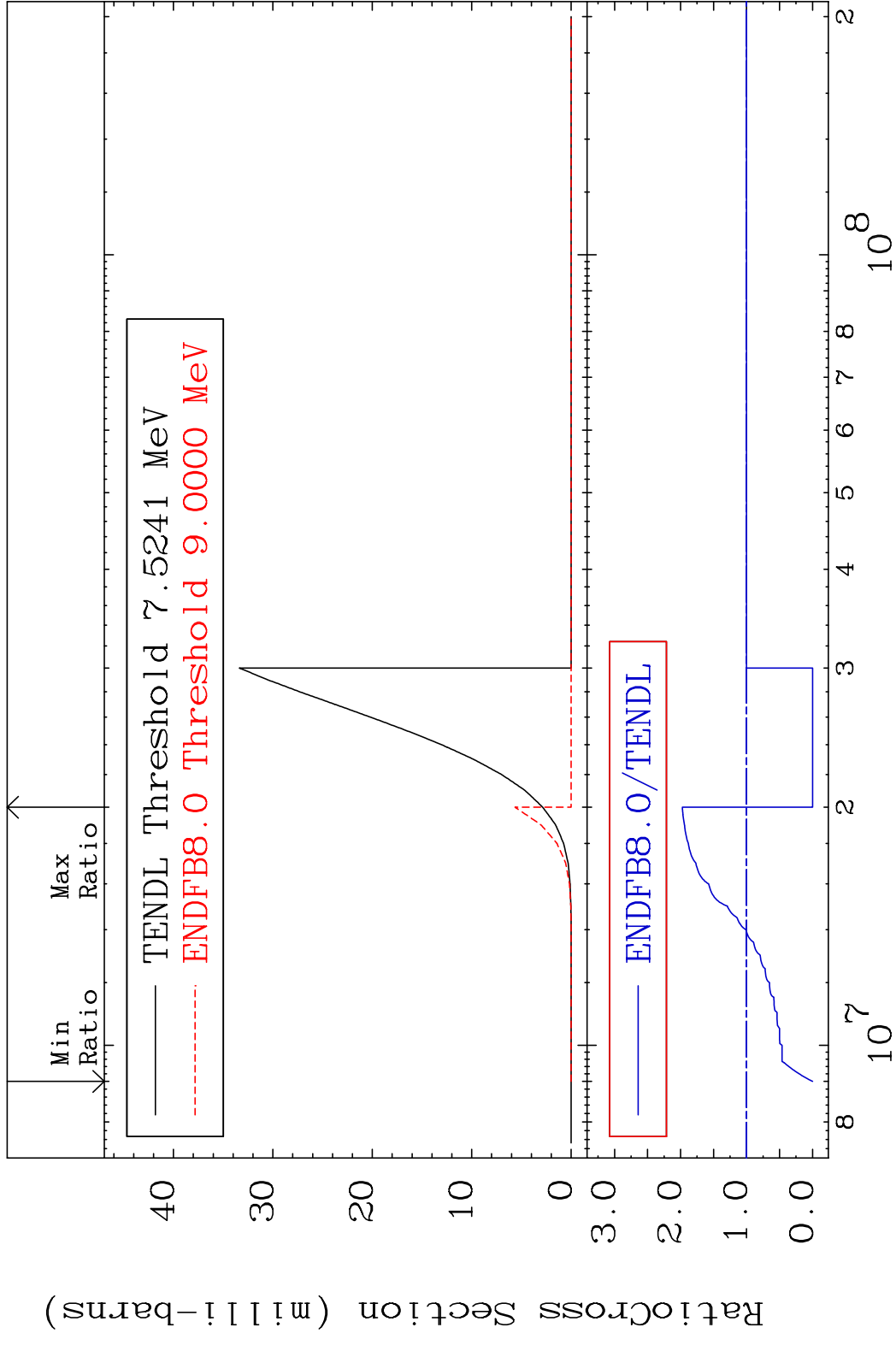


8

Incident Energy (eV)

82-Pb-207

MAT 8234 (n, n') p 82-Pb-207
 Cross Section -100.0 To 97.30 %

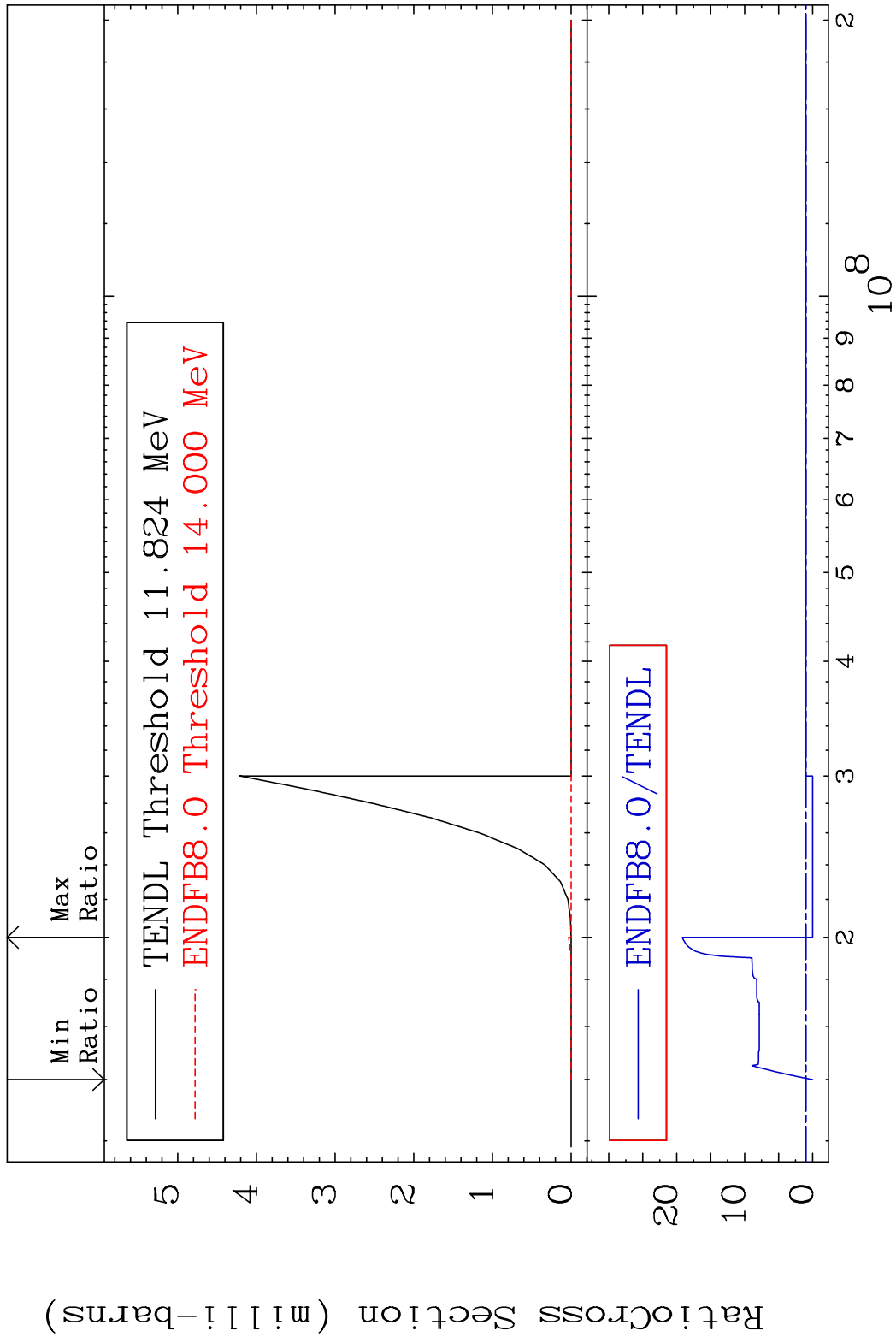


MAT 8234

(n, n') d

82-Pb-207

Cross Section -100.0 To 1817. %



10

Incident Energy (eV)

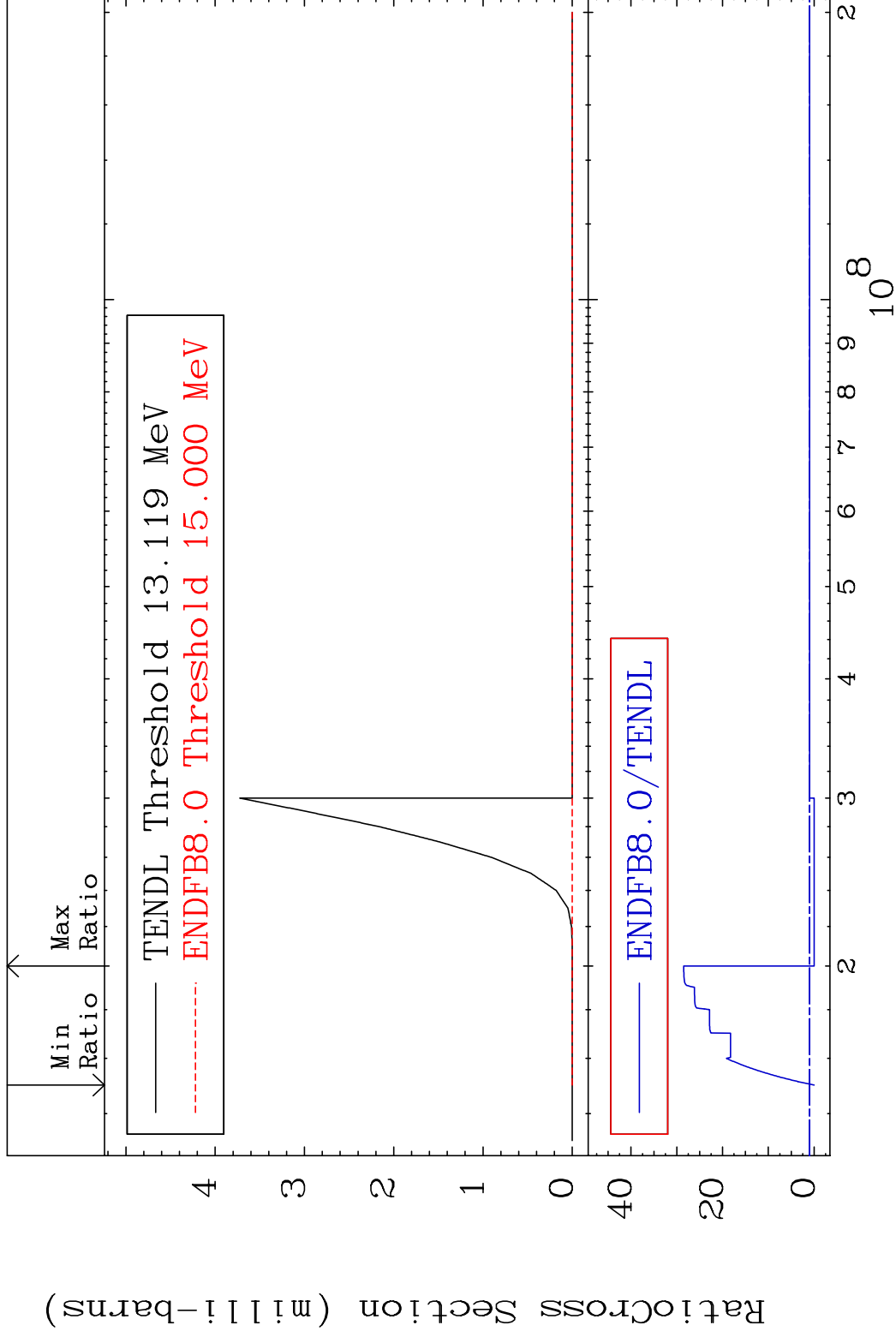
82-Pb-207

MAT 8234

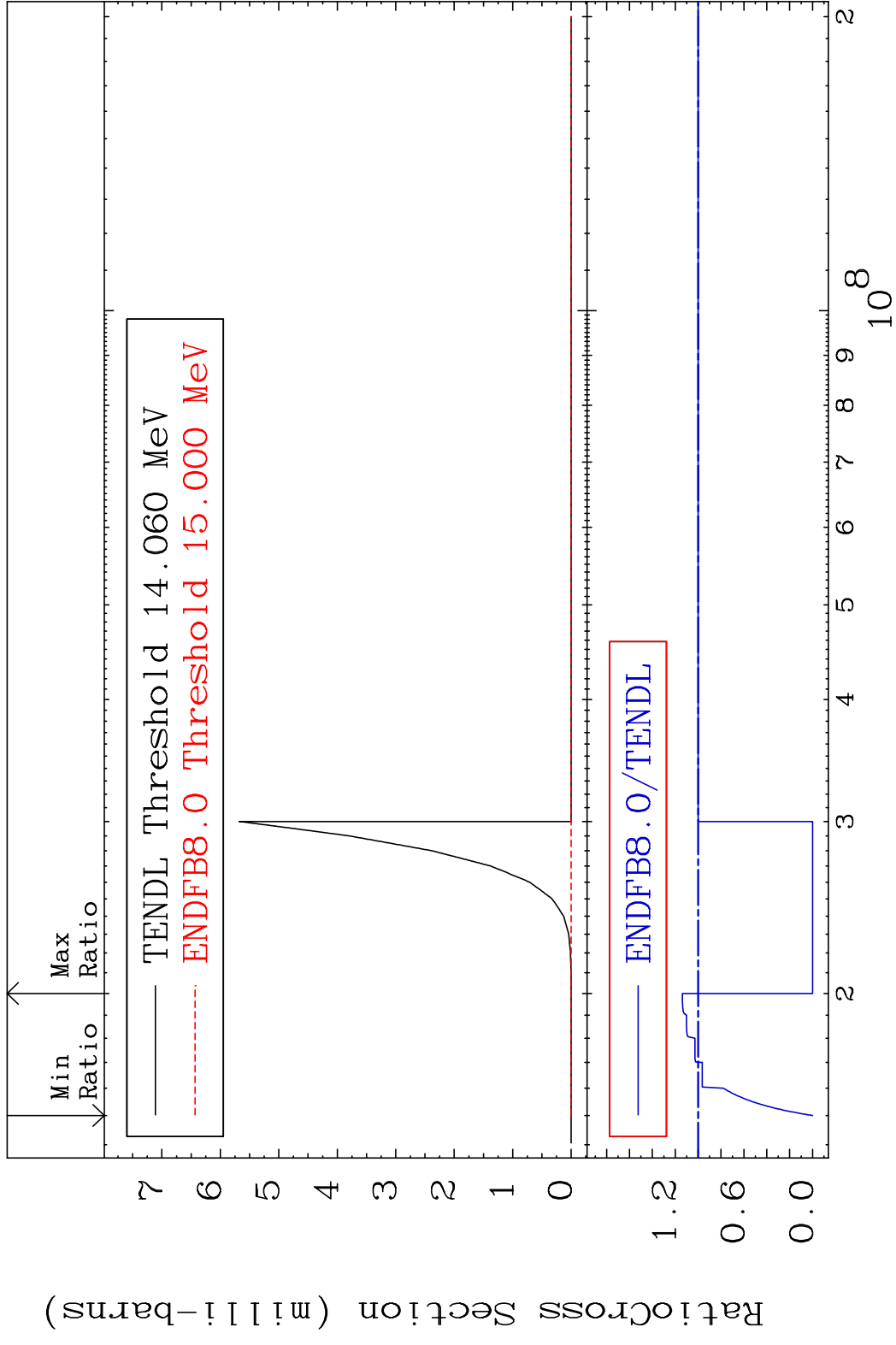
(n, n') t

82-Pb-207

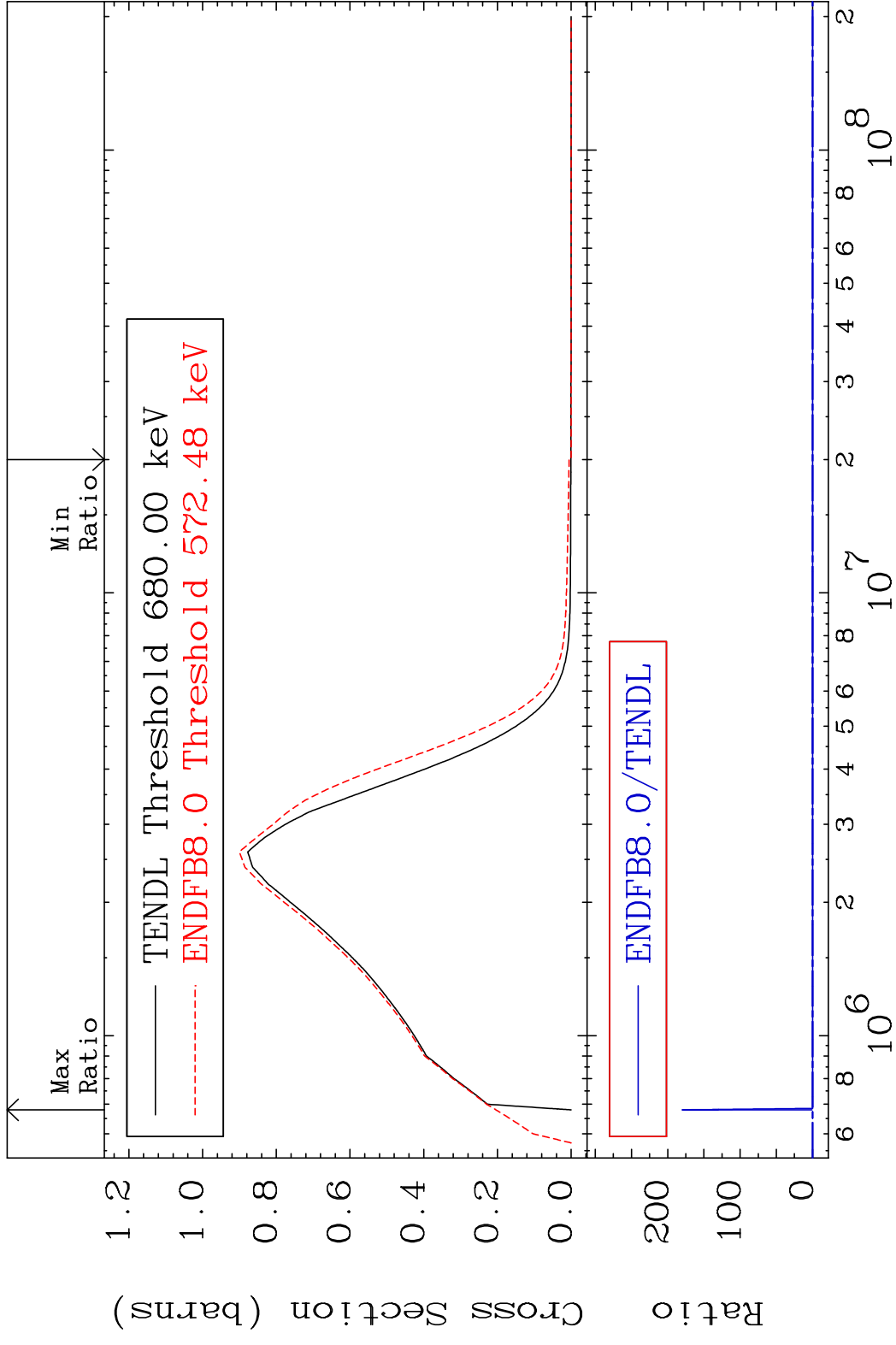
Cross Section -100.0 To 2750. %



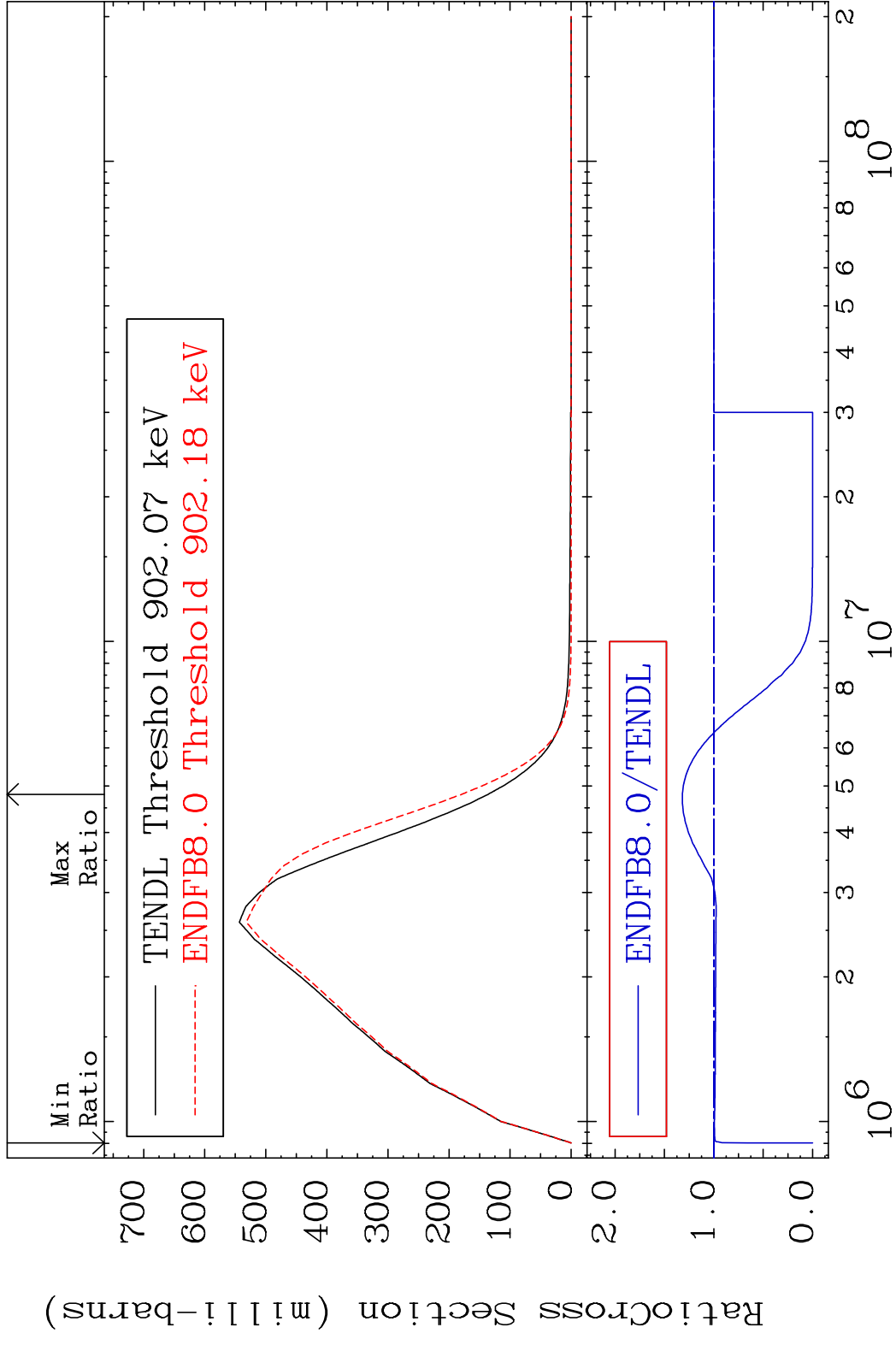
MAT 8234 (n,2n) p 82-Pb-207
 Cross Section -100.0 To 13.81 %



MAT 8234 MT= 51 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 9999. %

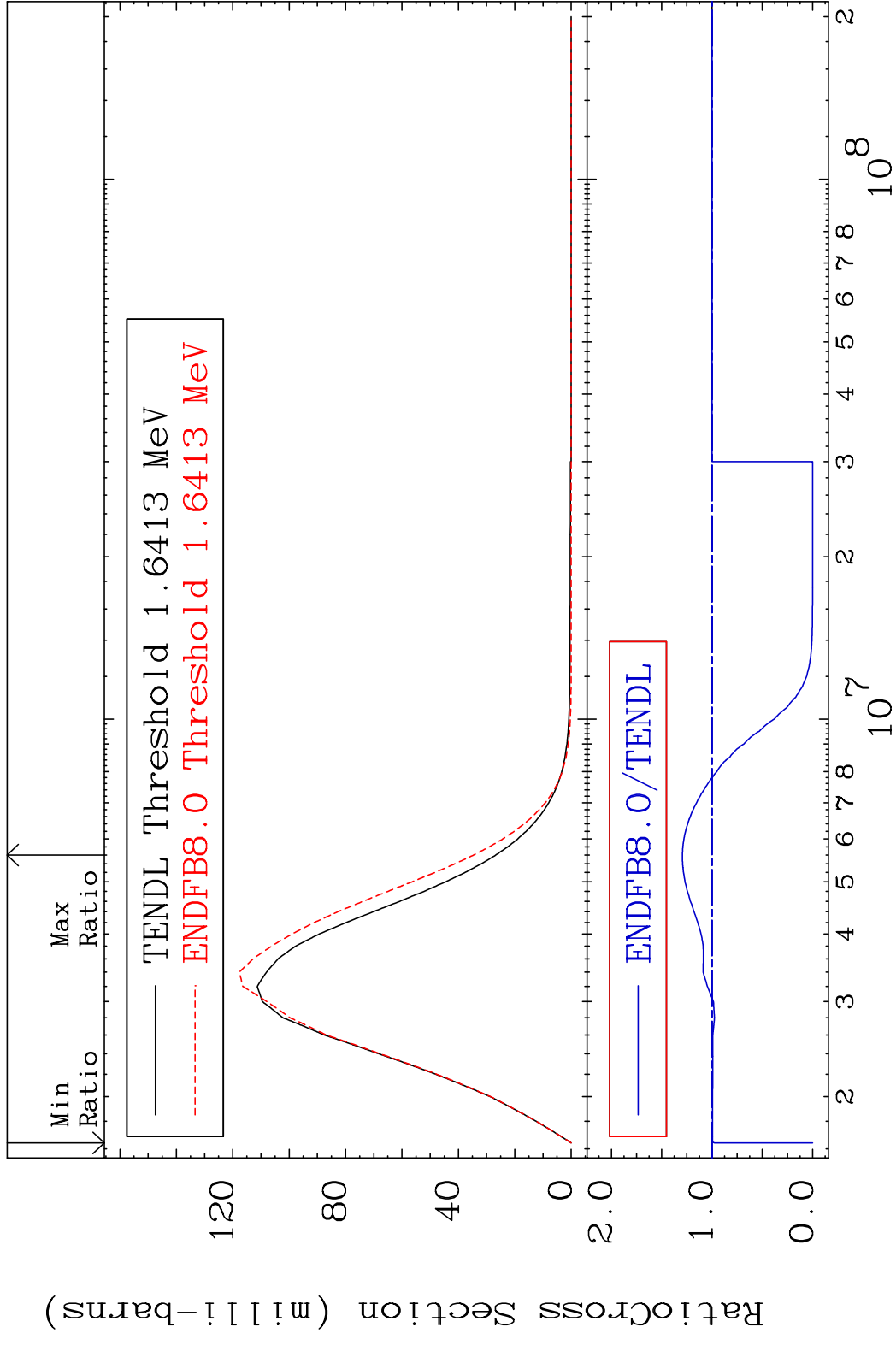


MAT 8234 MT= 52 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 31.88 %

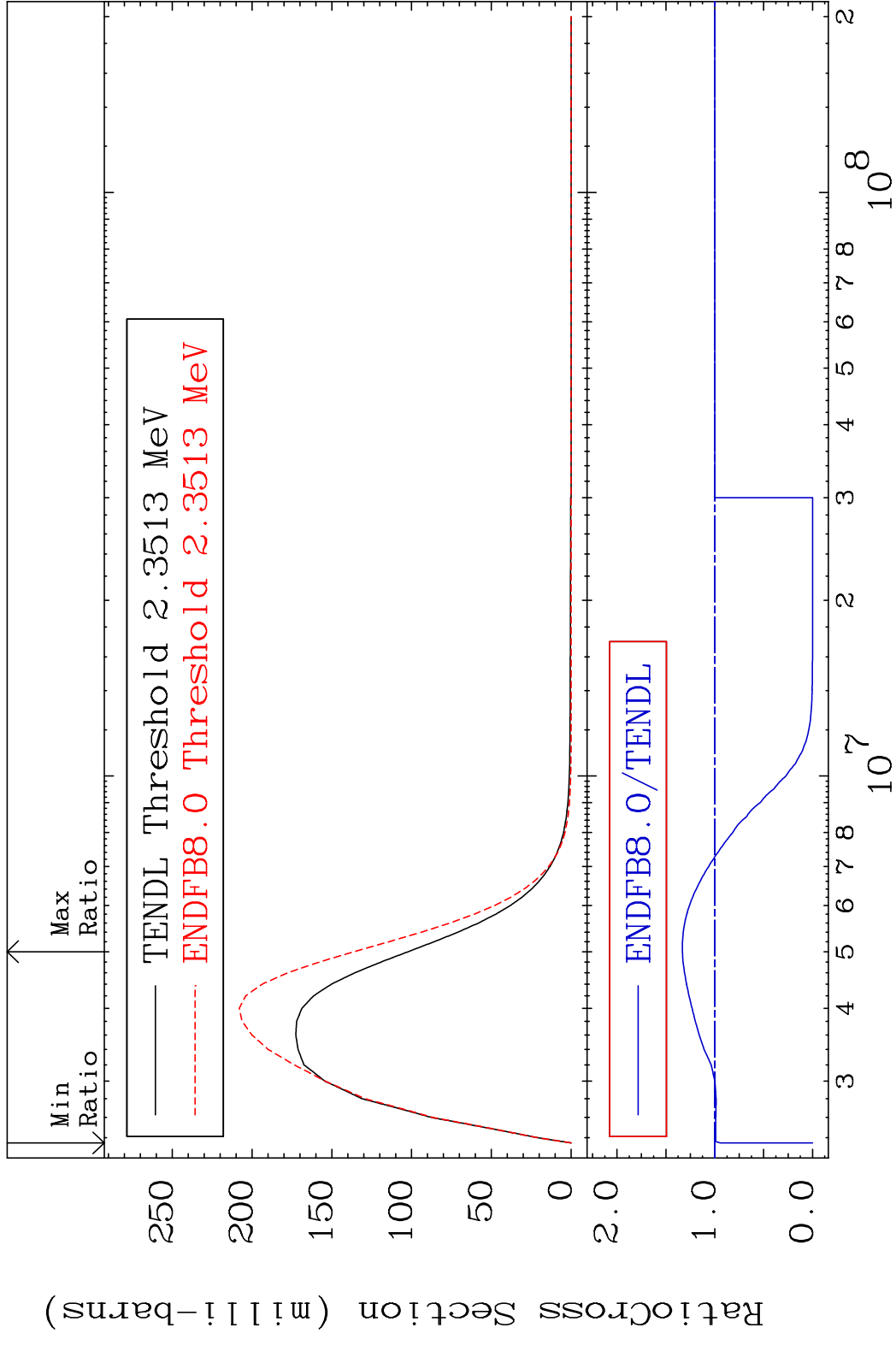


14 Incident Energy (eV) 82-Pb-207

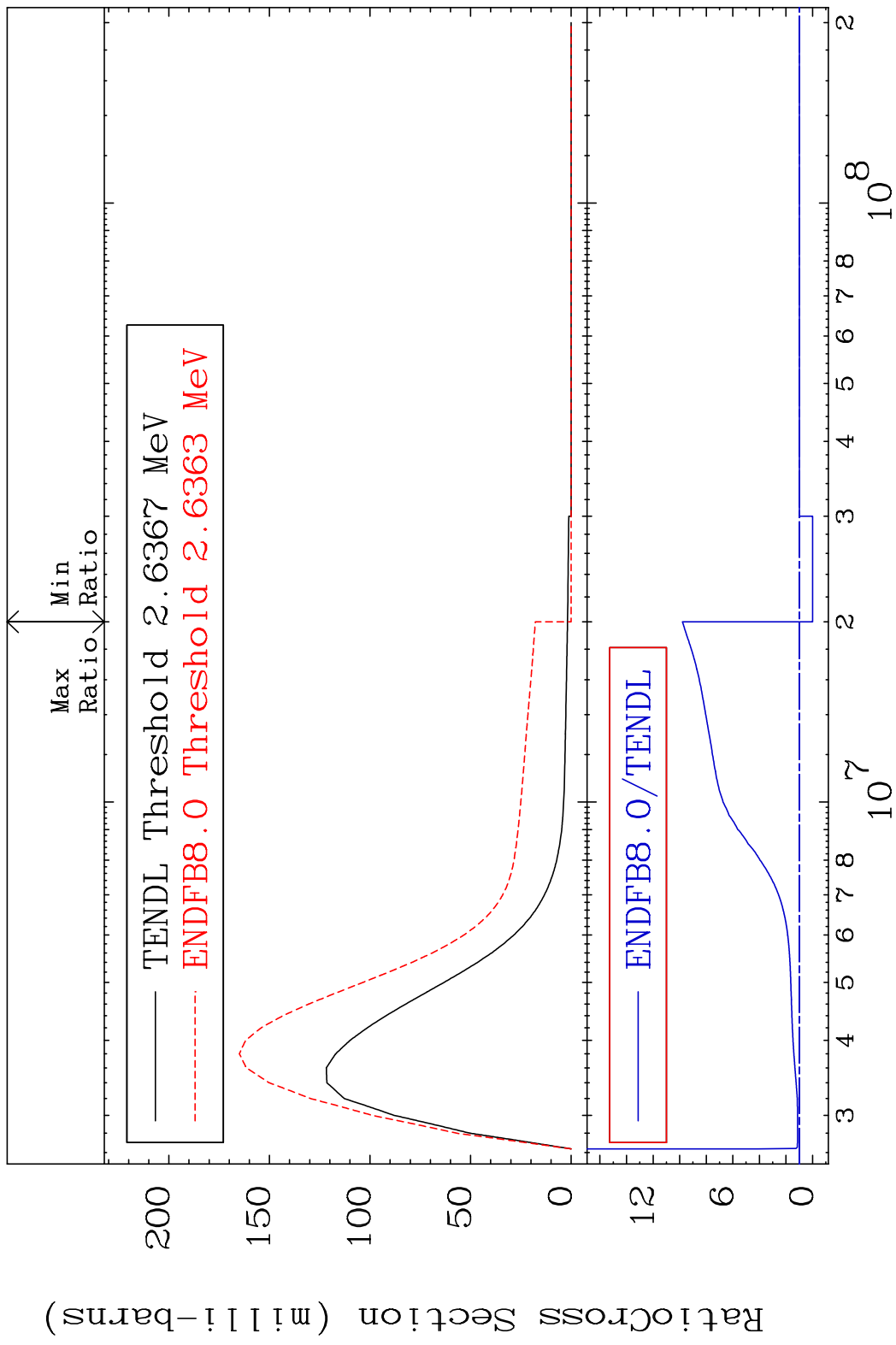
MAT 8234 MT= 53 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 29.45 %



MAT 8234 MT= 54 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 33.15 %

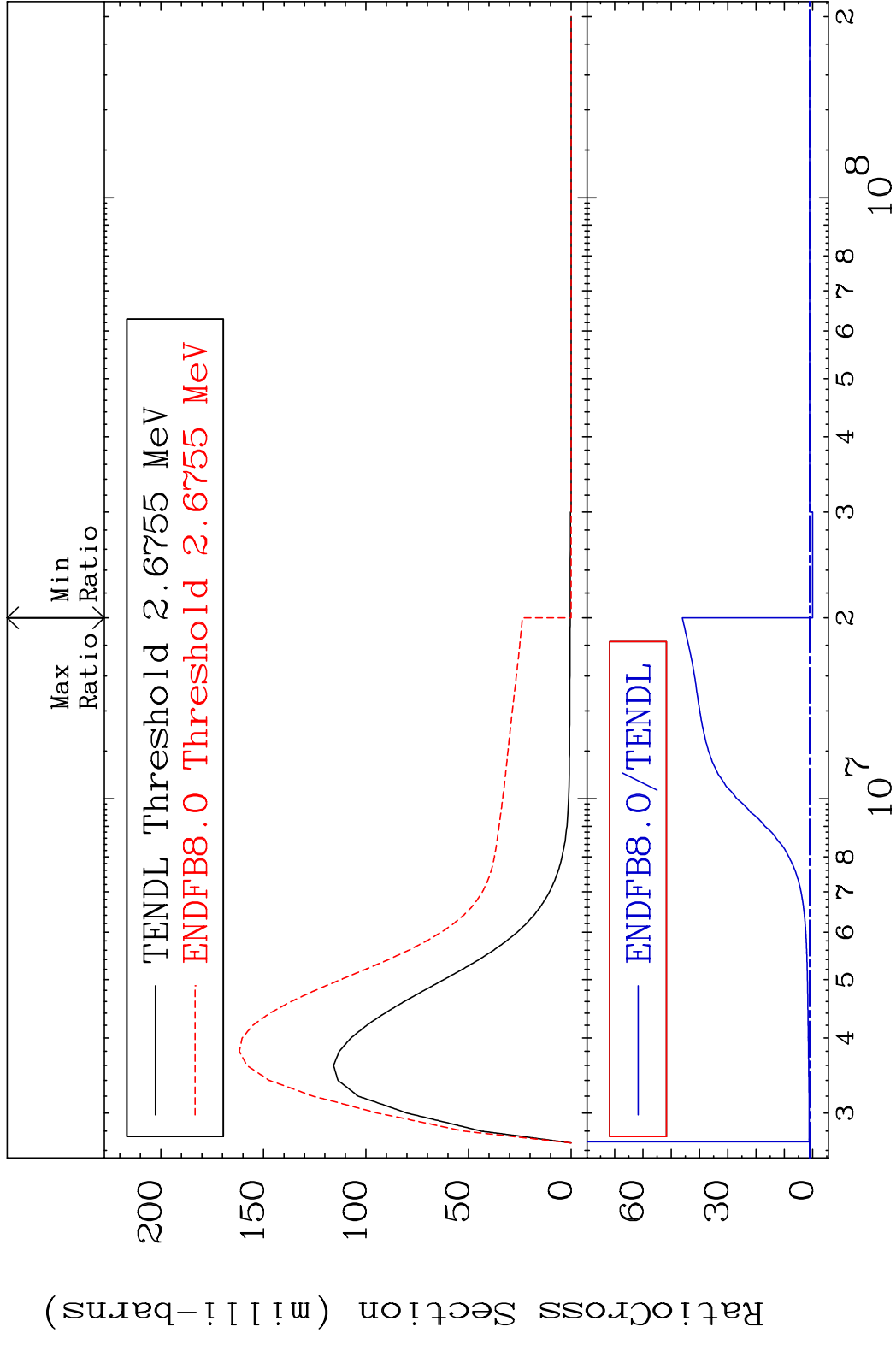


MAT 8234 MT= 55 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 879.8 %



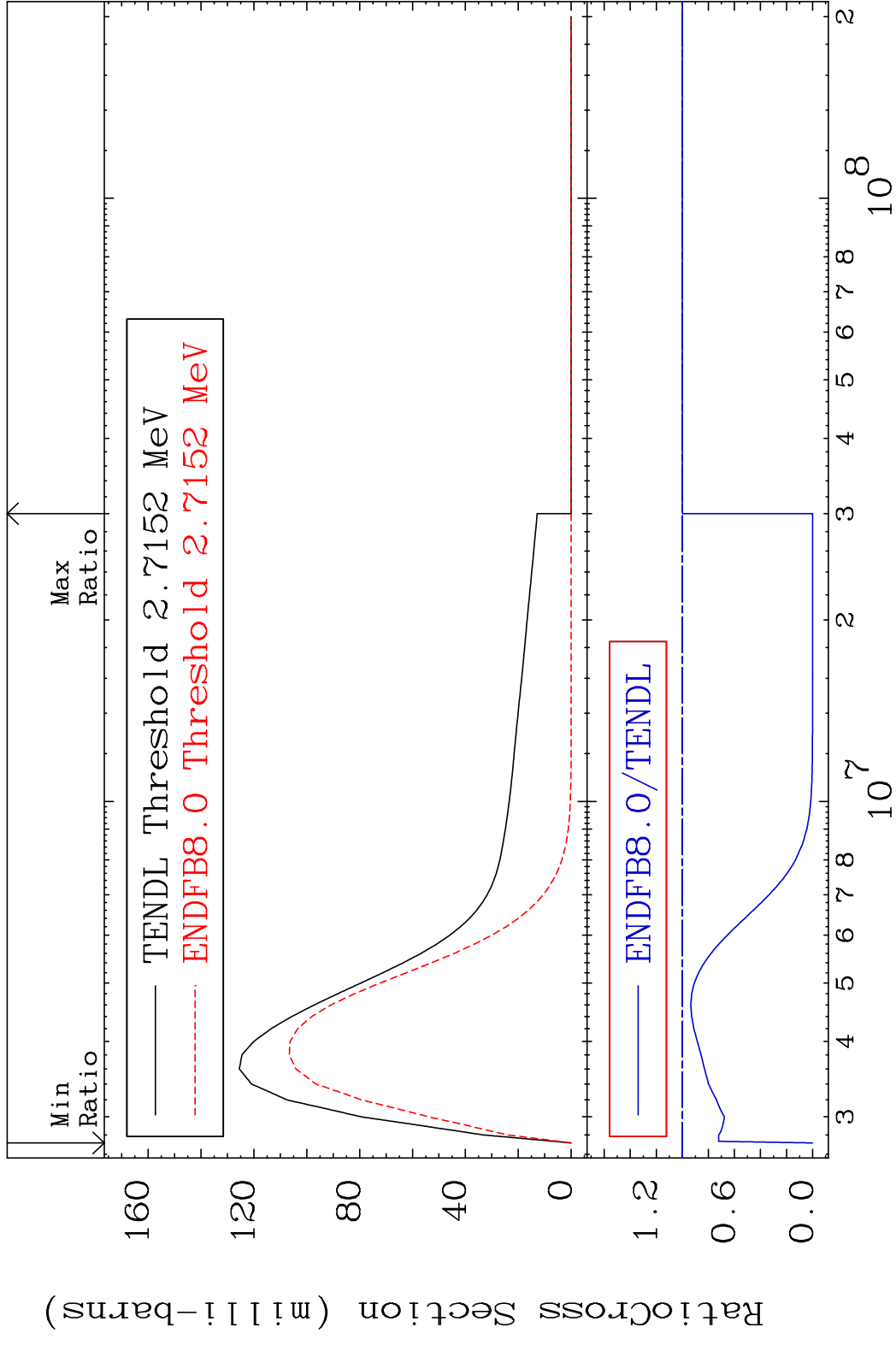
17 82-Pb-207

MAT 8234 MT= 56 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 4503. %

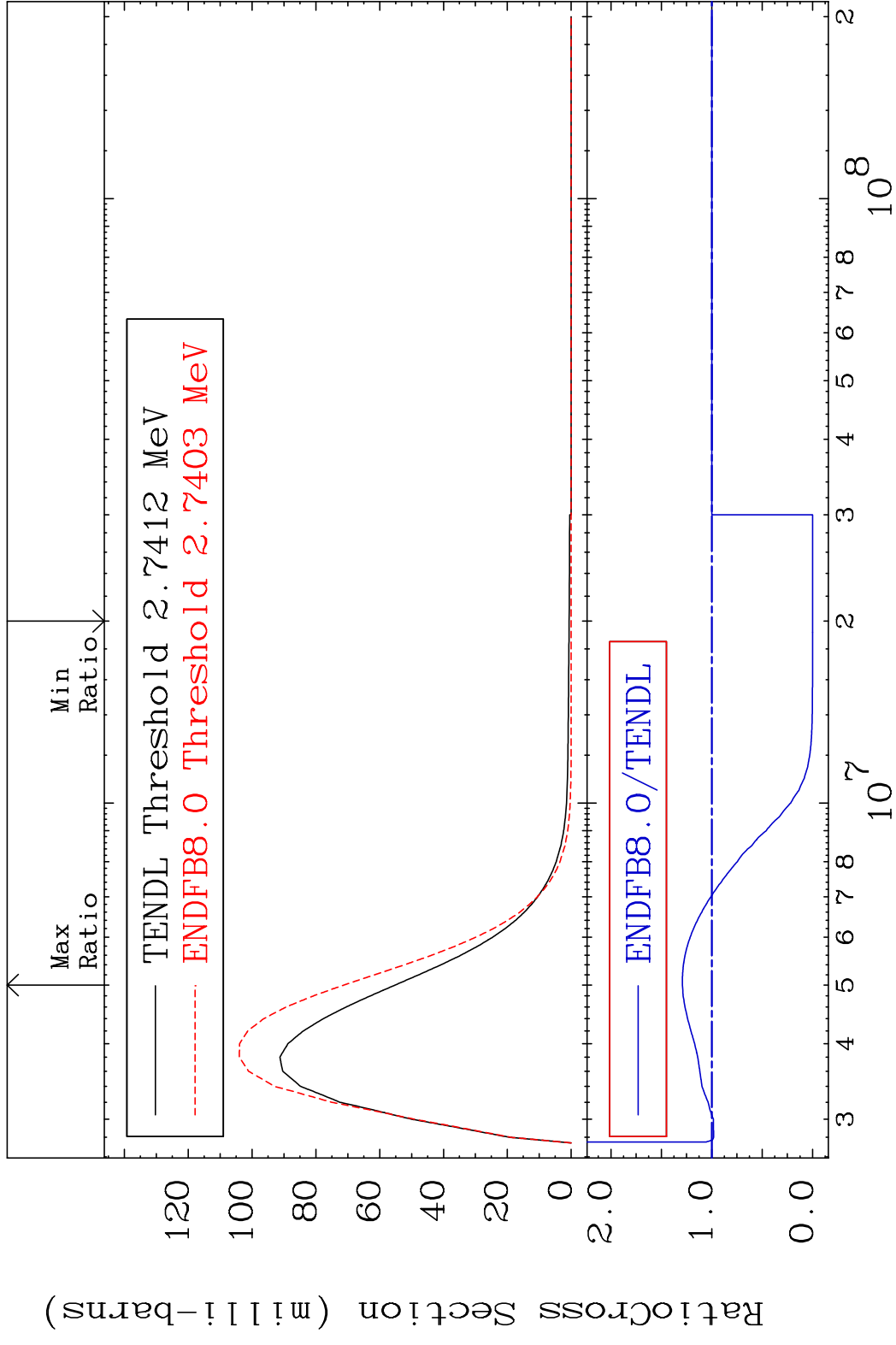


18 82-Pb-207

MAT 8234 MT= 57 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 0.000 %

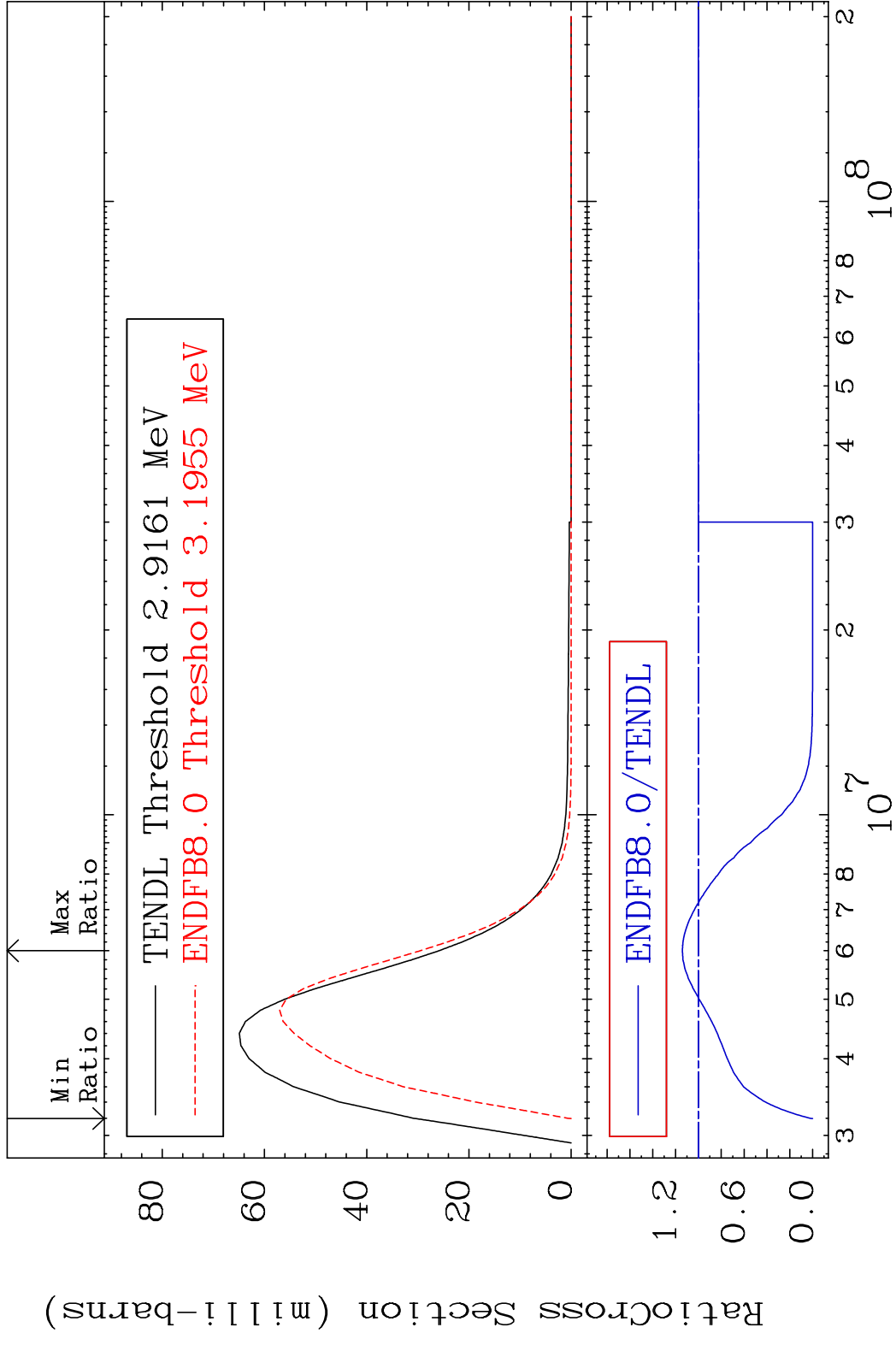


MAT 8234 MT= 58 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 29.15 %

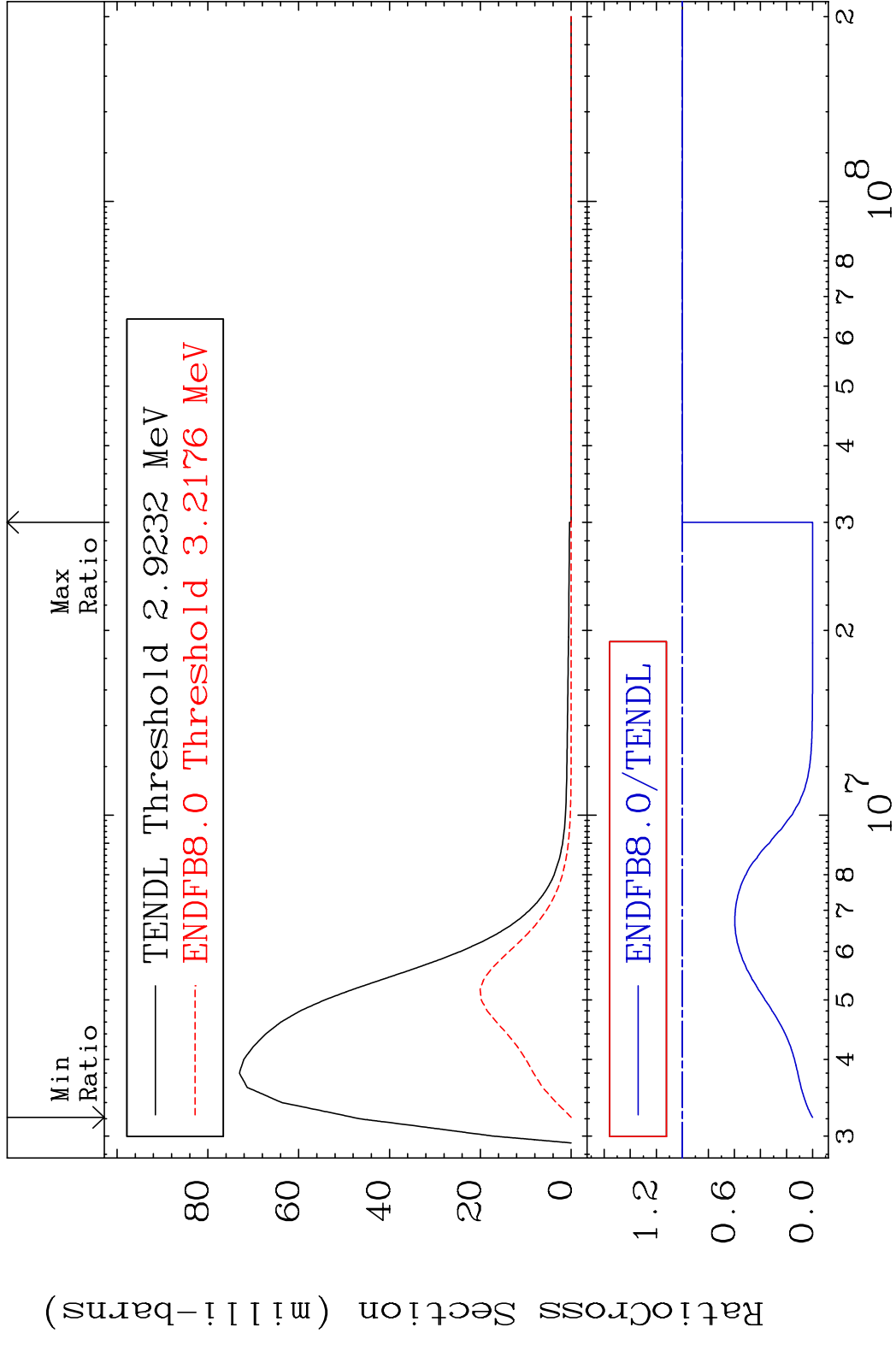


20 Incident Energy (eV) 82-Pb-207

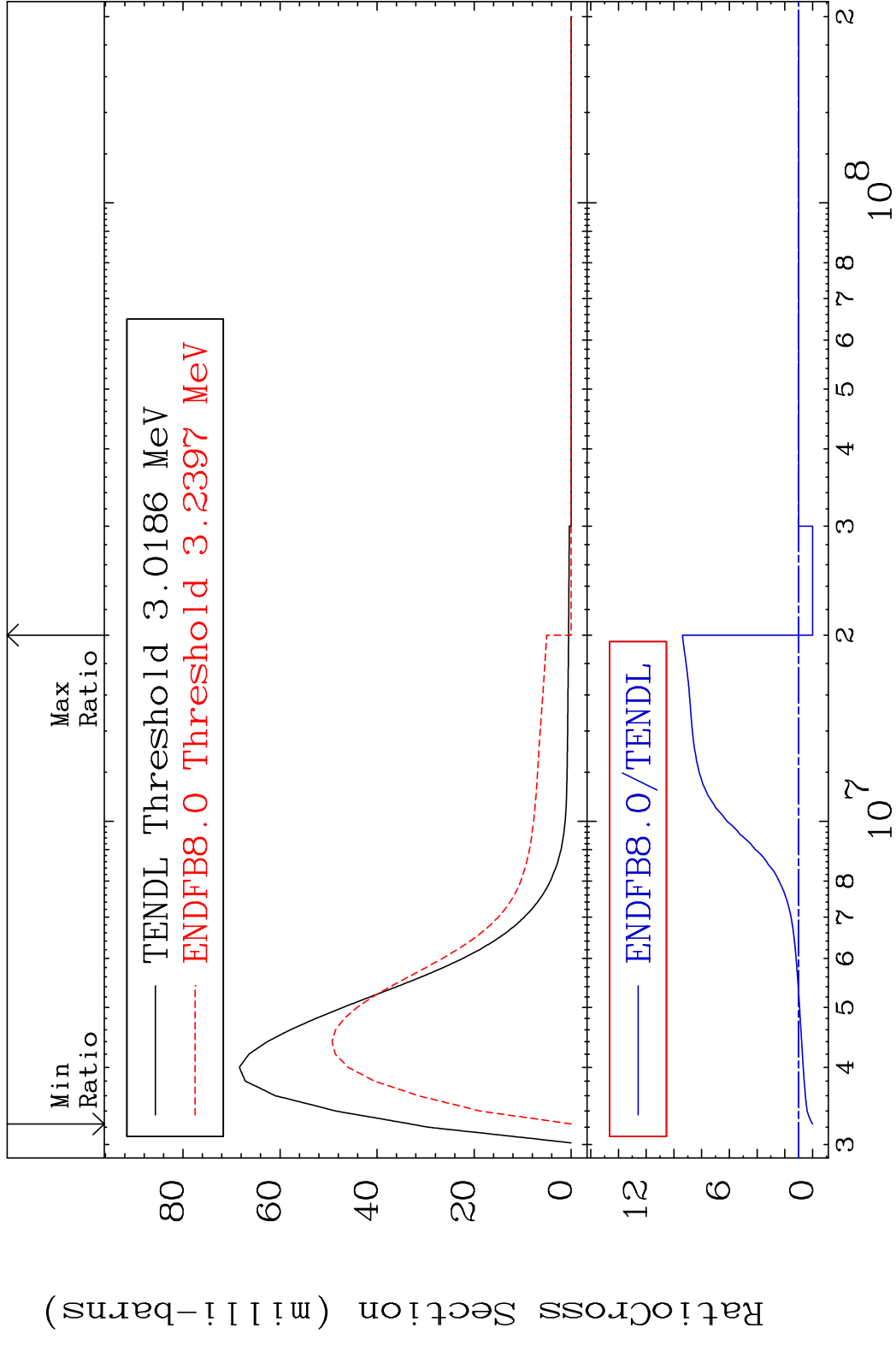
MAT 8234 MT= 59 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 14.10 %



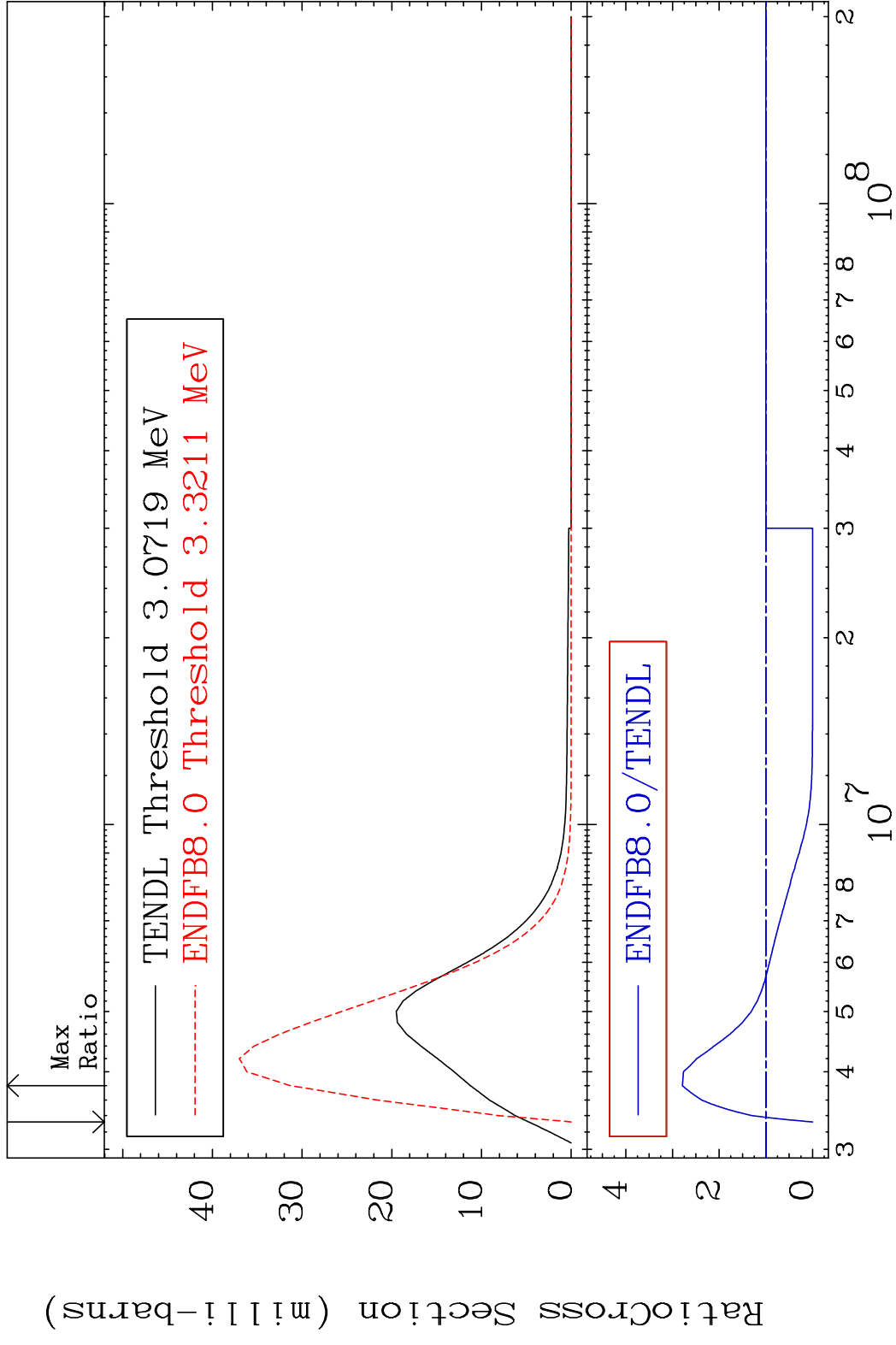
MAT 8234 MT= 60 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 0.000 %



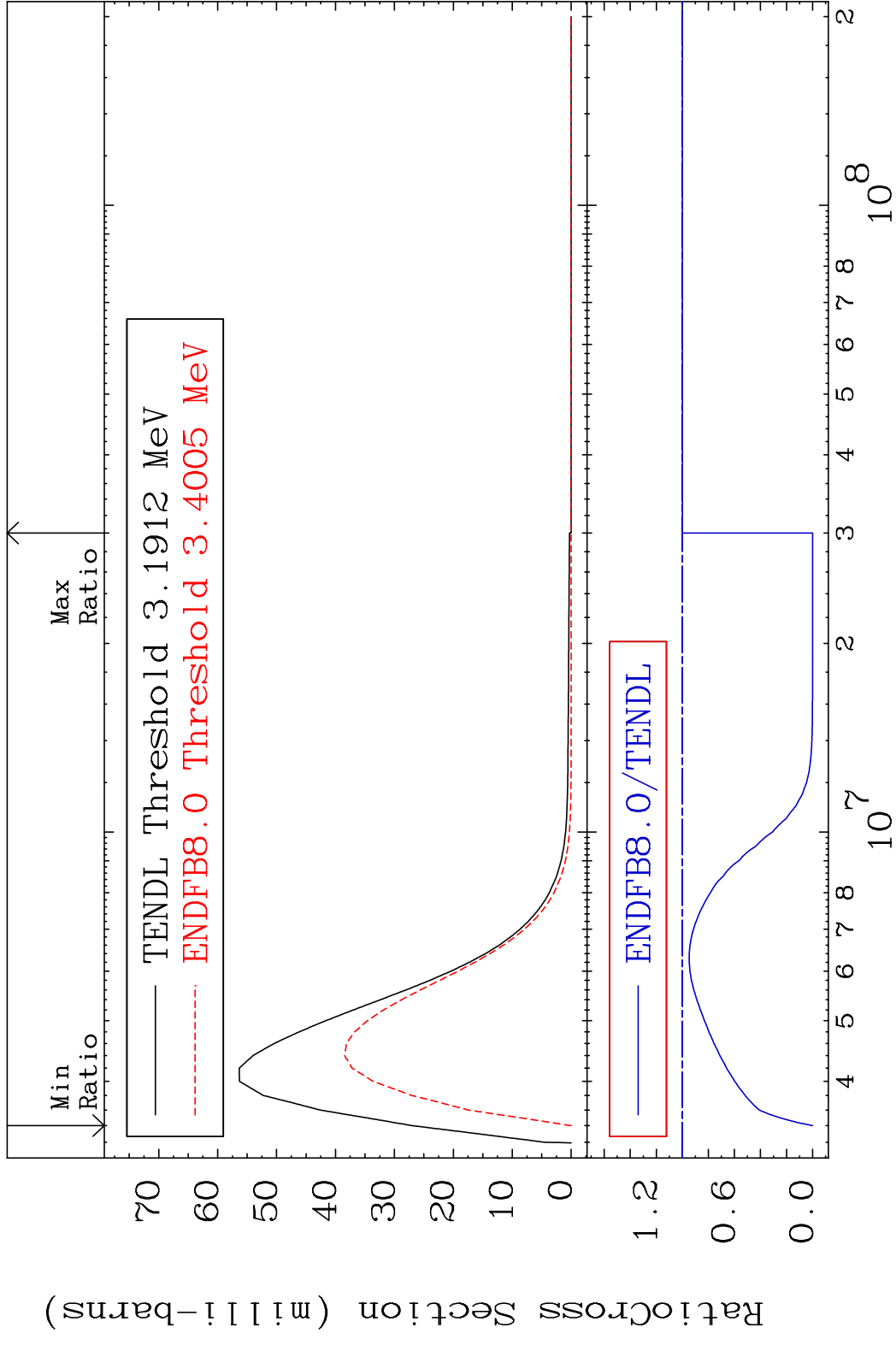
MAT 8234 MT= 61 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 839.2 %



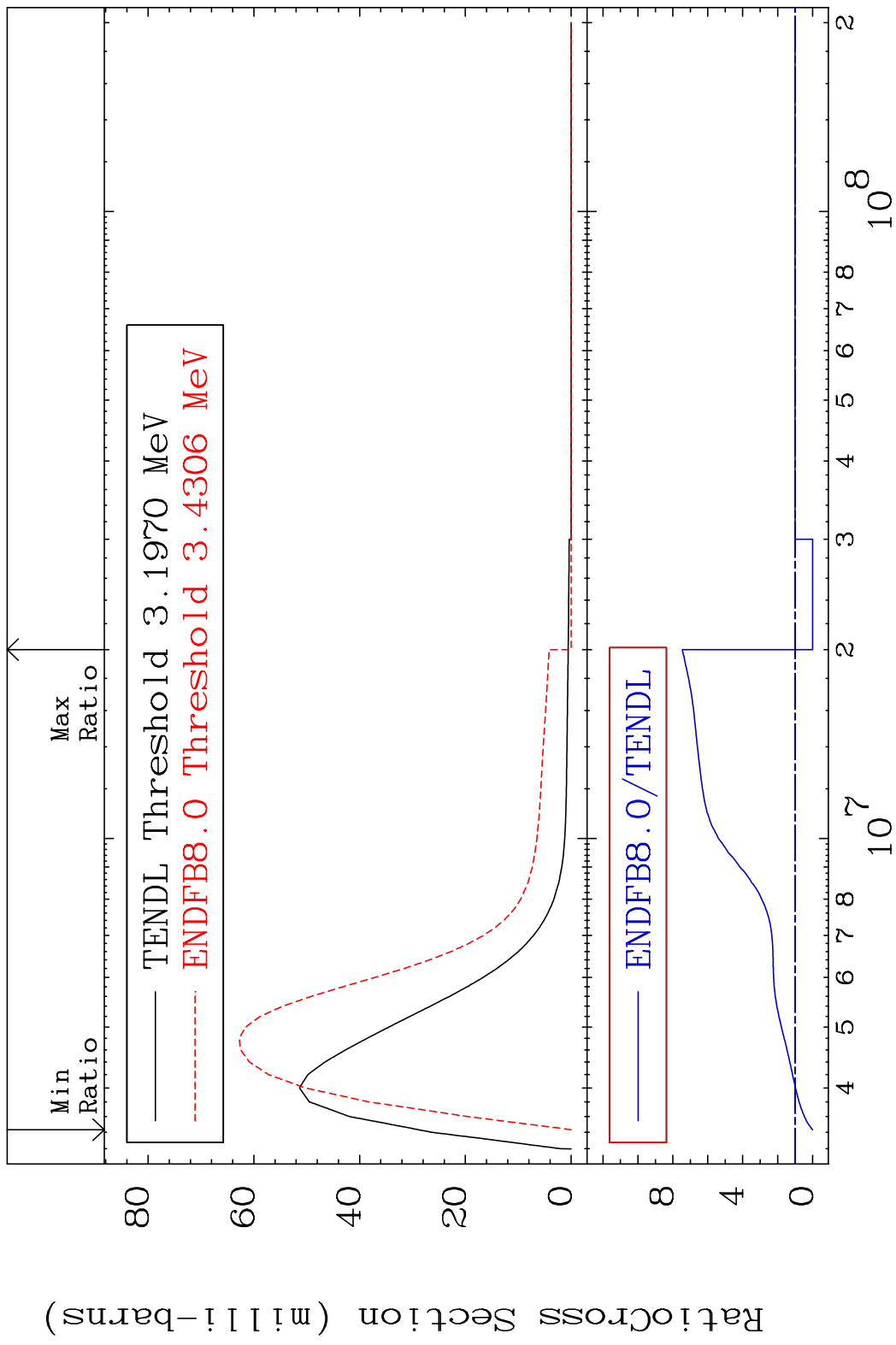
MAT 8234 MT= 62 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 178.9 %



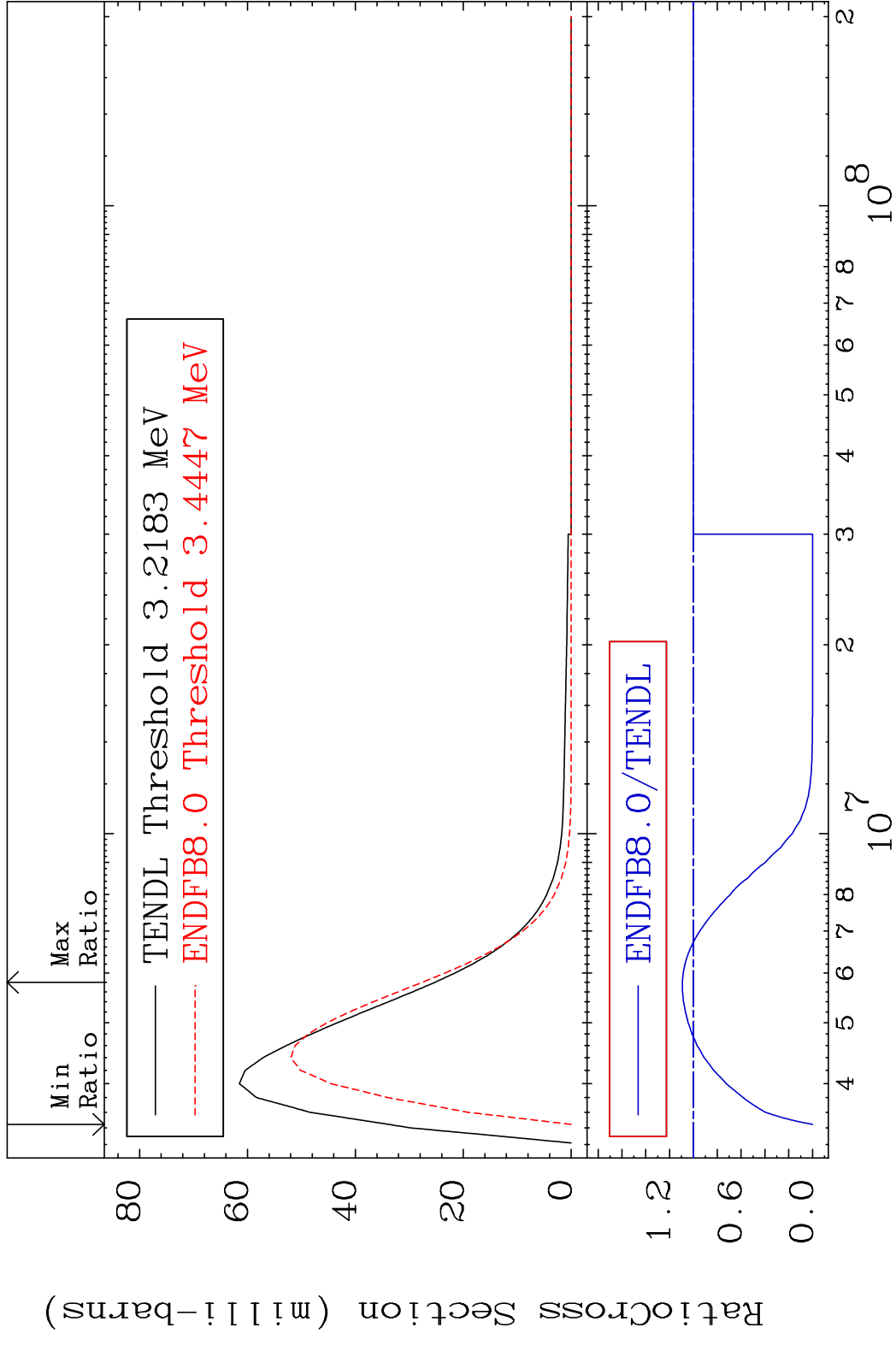
MAT 8234 MT= 63 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 0.000 %



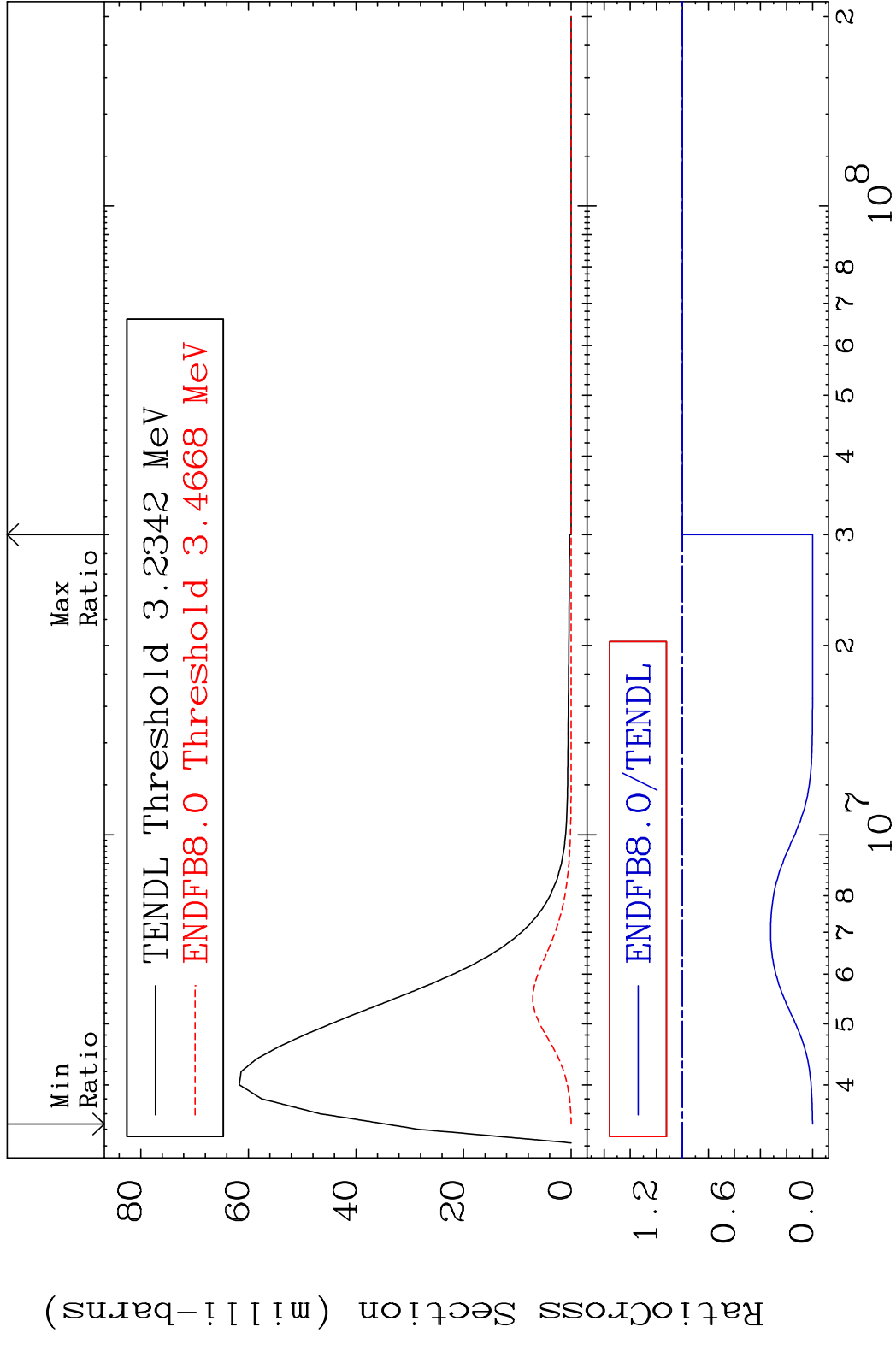
MAT 8234 MT= 64 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 645.6 %



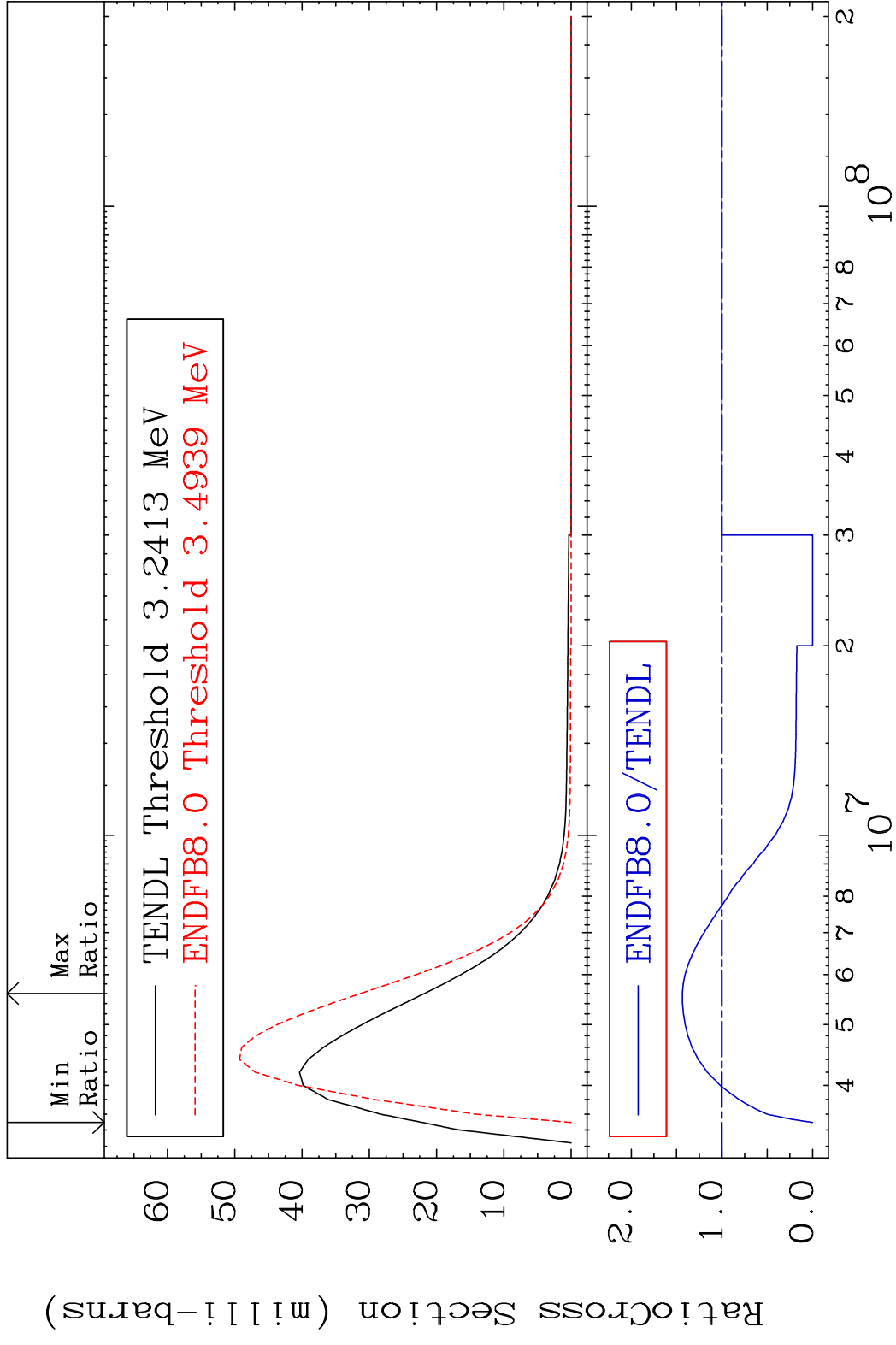
MAT 8234 MT= 65 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 9.301 %



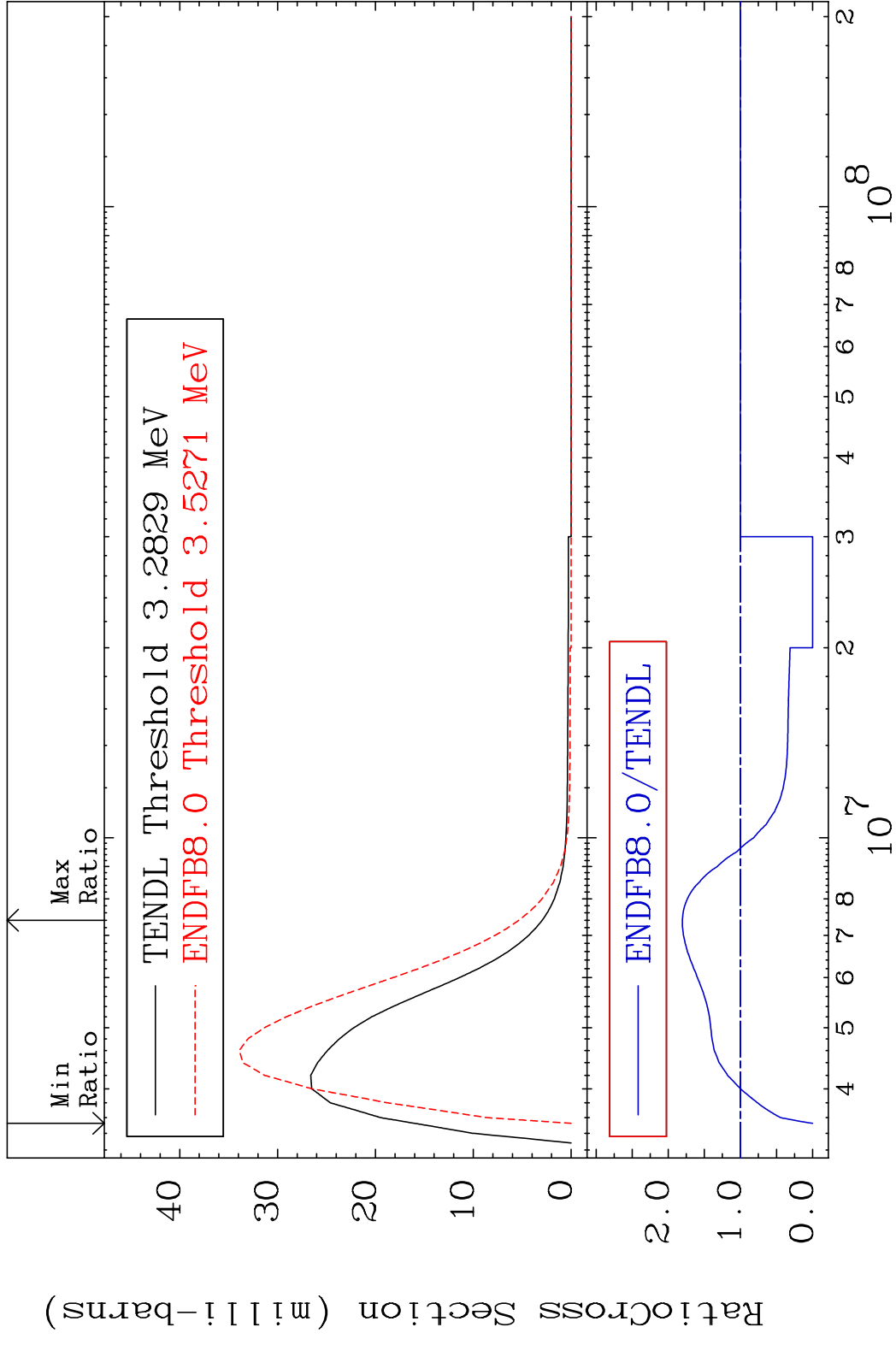
MAT 8234 MT= 66 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 0.000 %



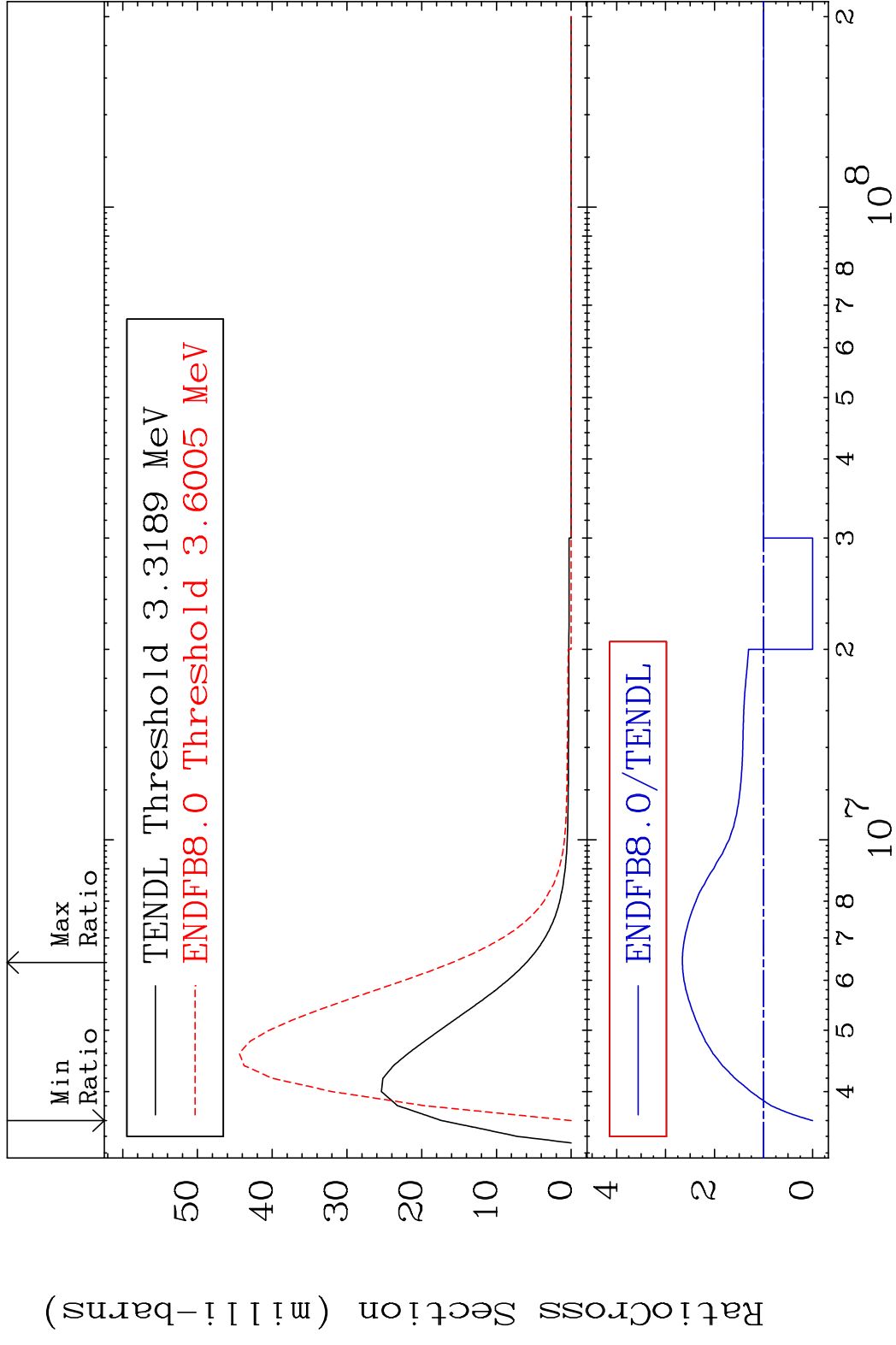
MAT 8234 MT= 67 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 43.60 %



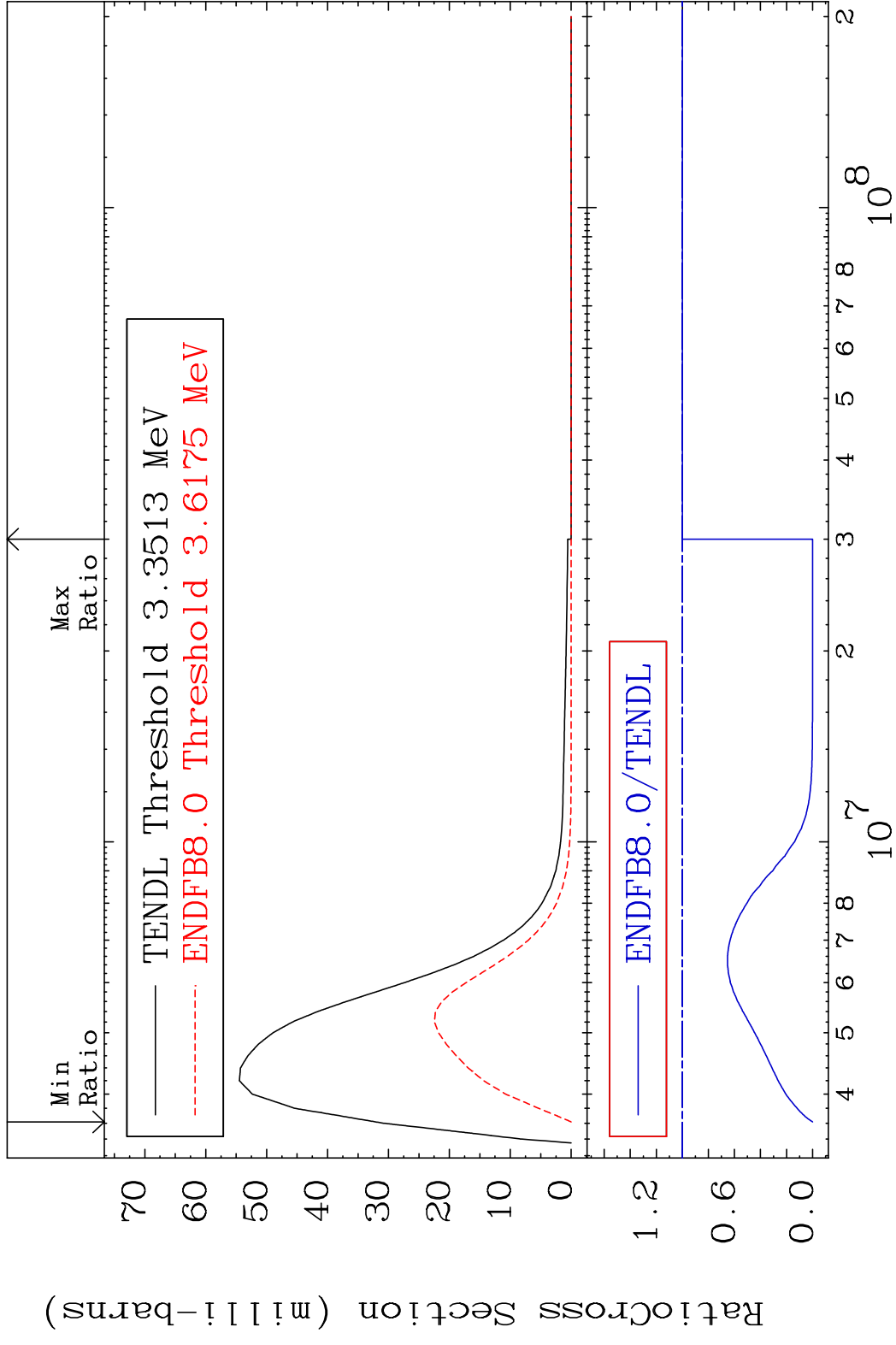
MAT 8234 MT= 68 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 80.45 %



MAT 8234 MT= 69 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 165.8 %



MAT 8234 MT= 70 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 0.000 %

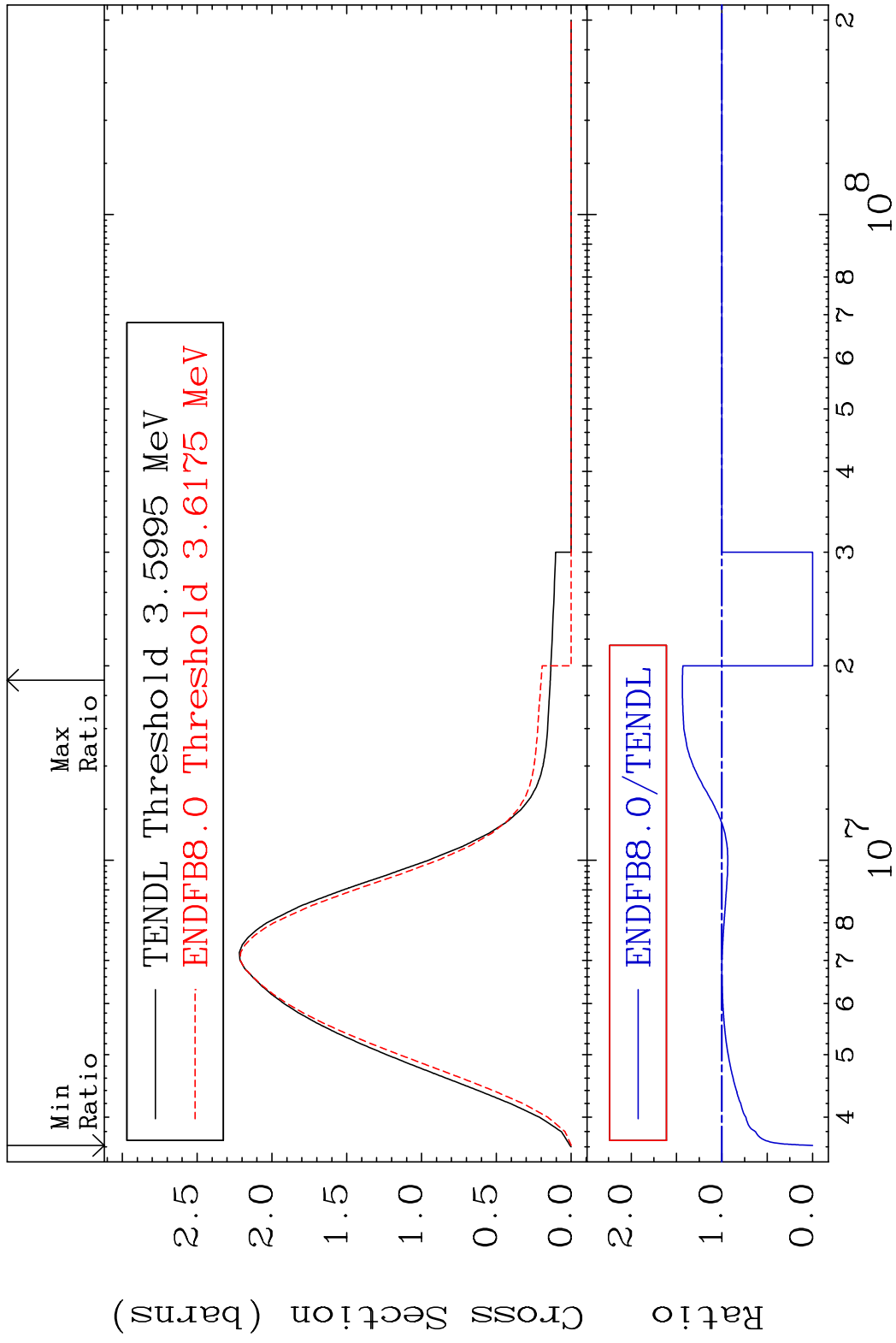


MAT 8234

(n, n') Continuum

82-Pb-207

Cross Section -100.0 To 43.62 %

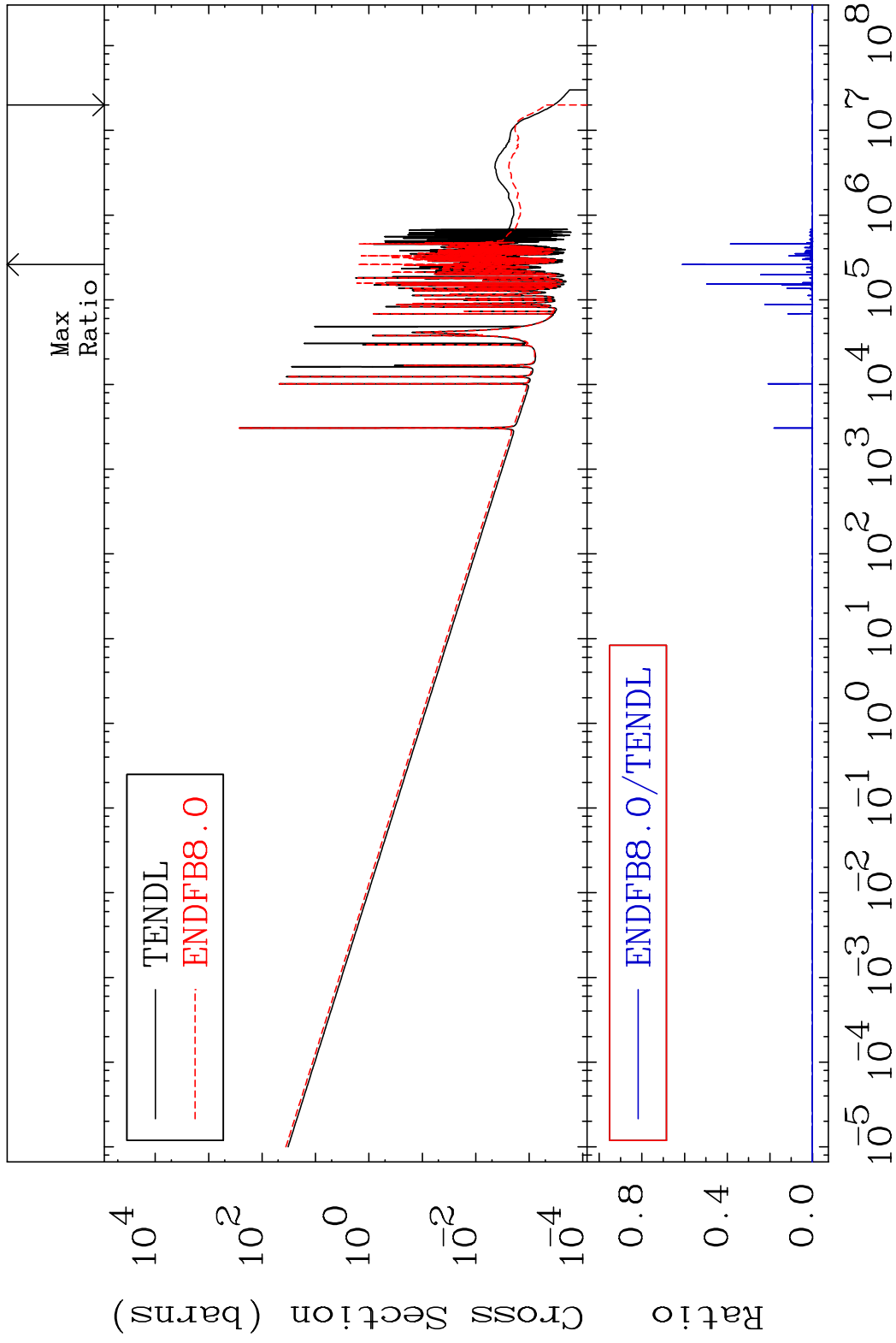


MAT 8234

(n, γ)

82-Pb-207

Cross Section -100.0 To 9999. %

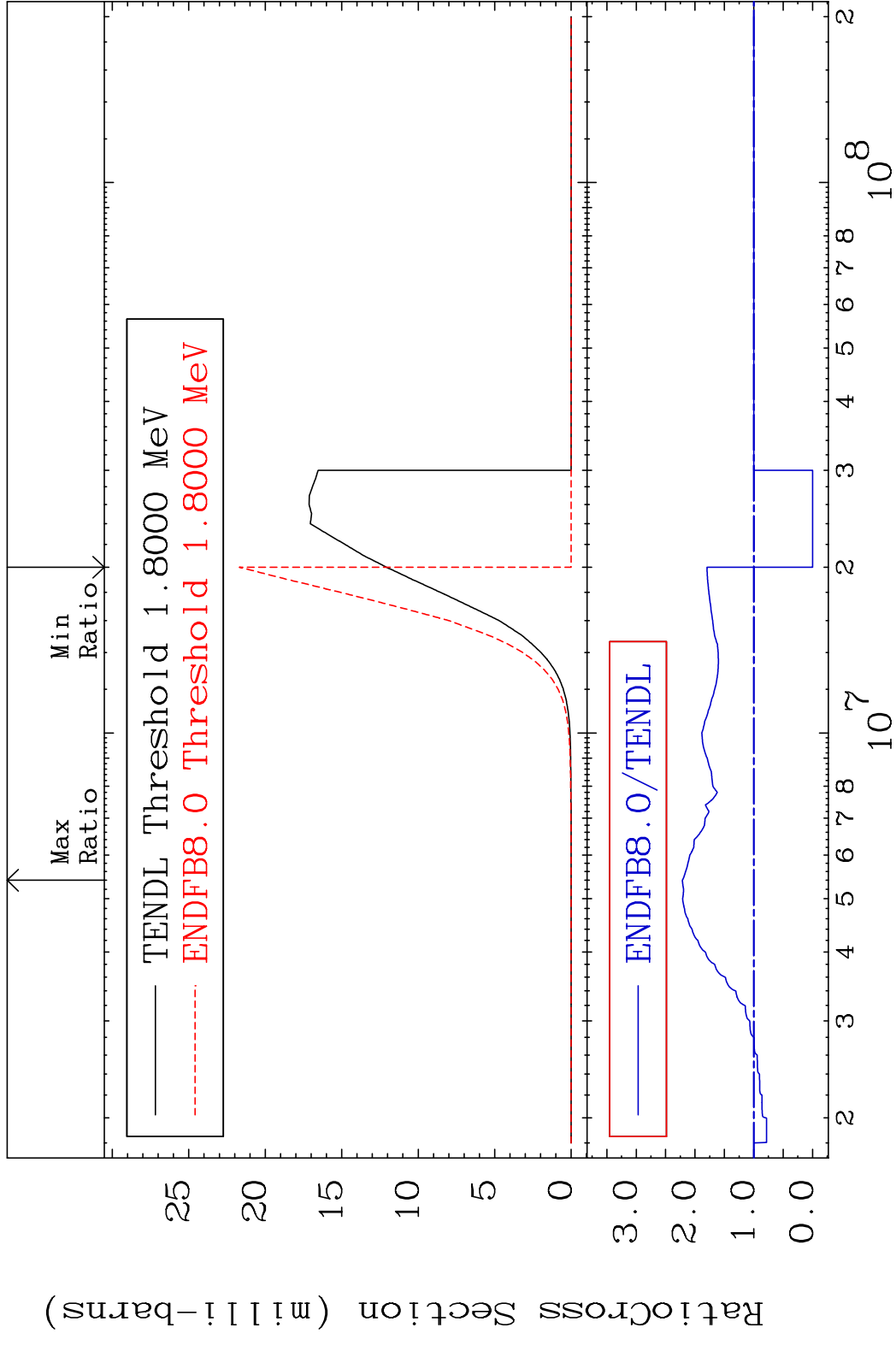


34

Incident Energy (eV)

82-Pb-207

MAT 8234 (n,p) 82-Pb-207
 Cross Section -100.0 To 121.5 %

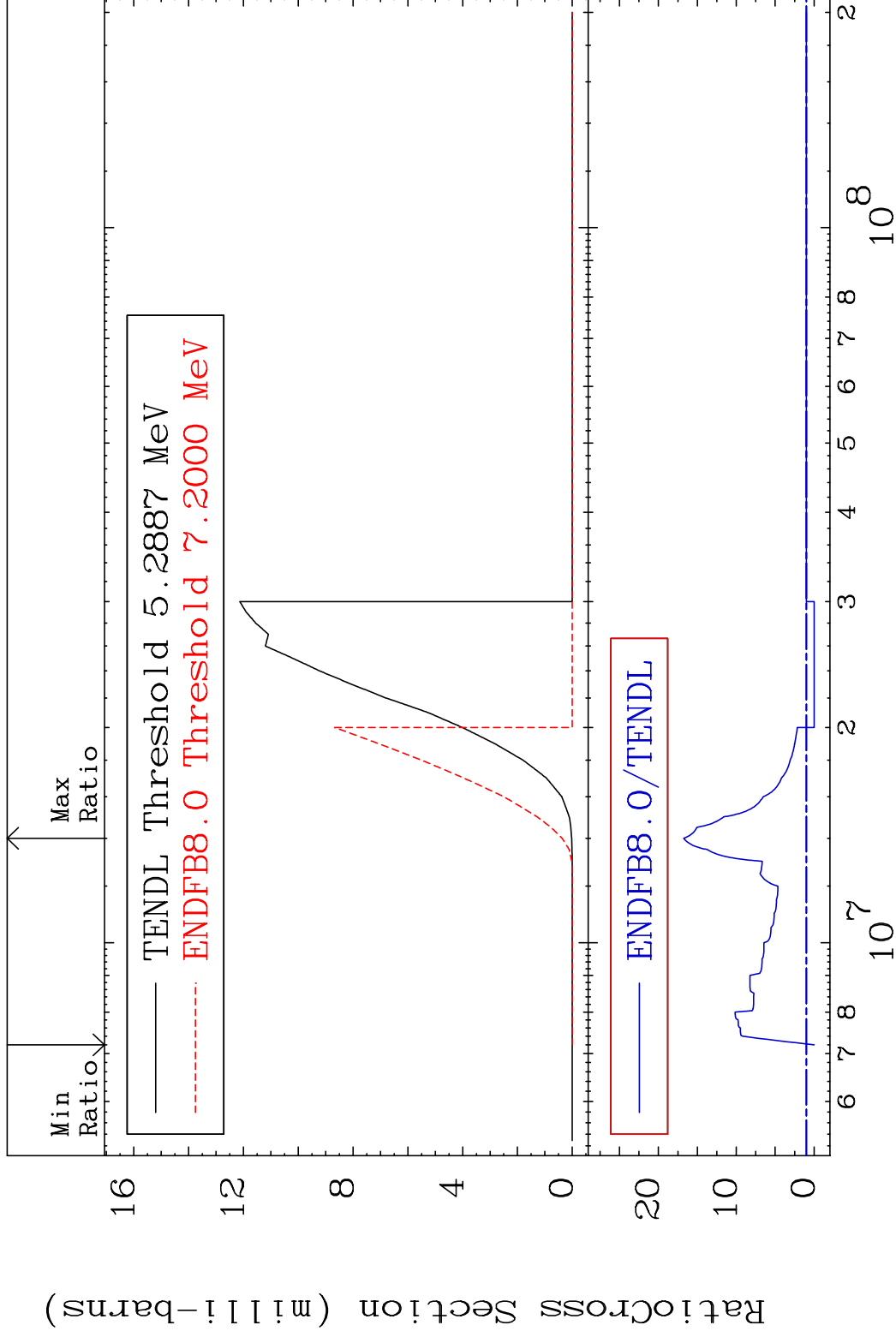


MAT 8234

(n,d)

82-Pb-207

Cross Section -100.0 To 1576. %



36

Incident Energy (eV)

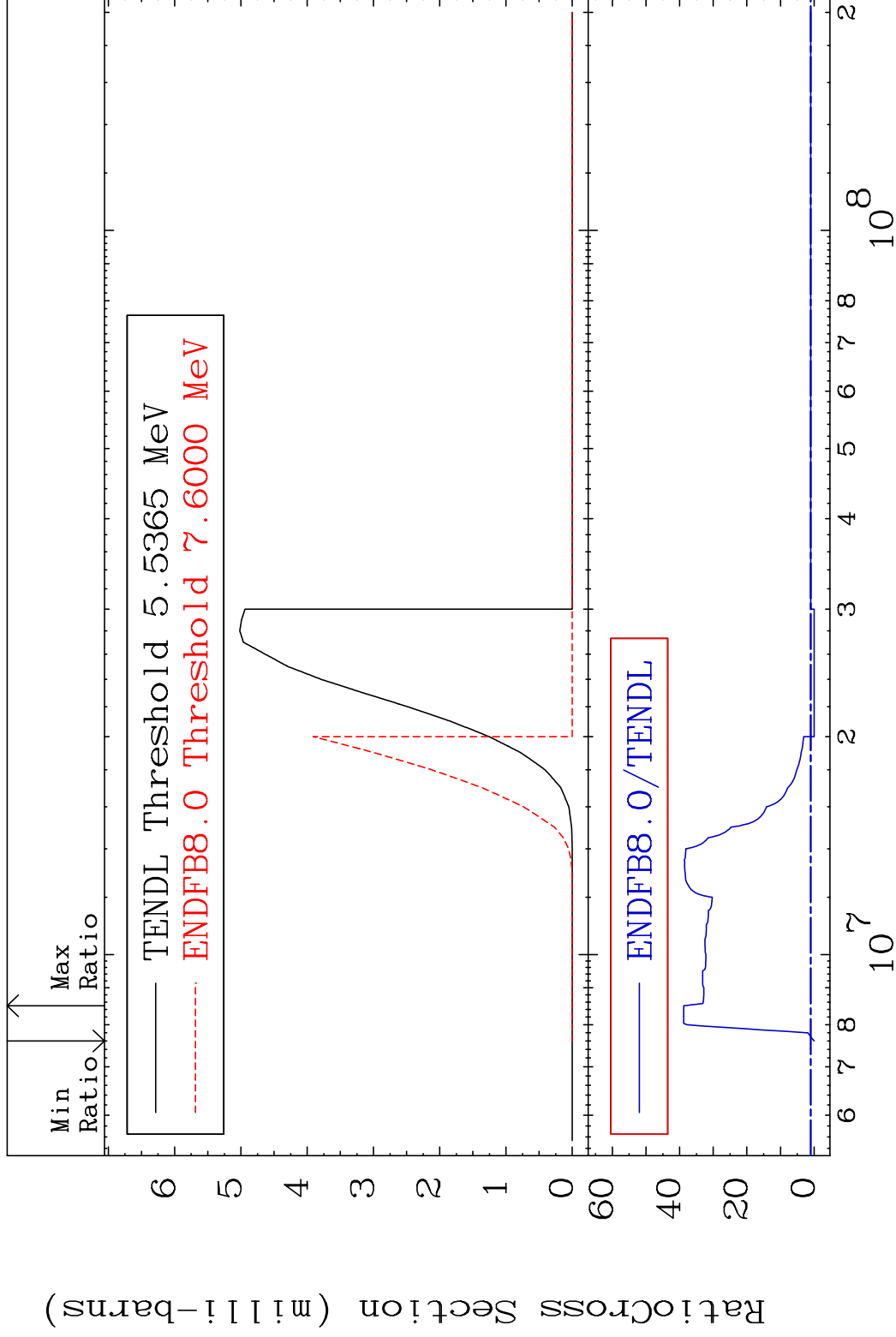
82-Pb-207

MAT 8234

(n, t)

82-Pb-207

Cross Section -100.0 To 3779. %



37

Incident Energy (eV)

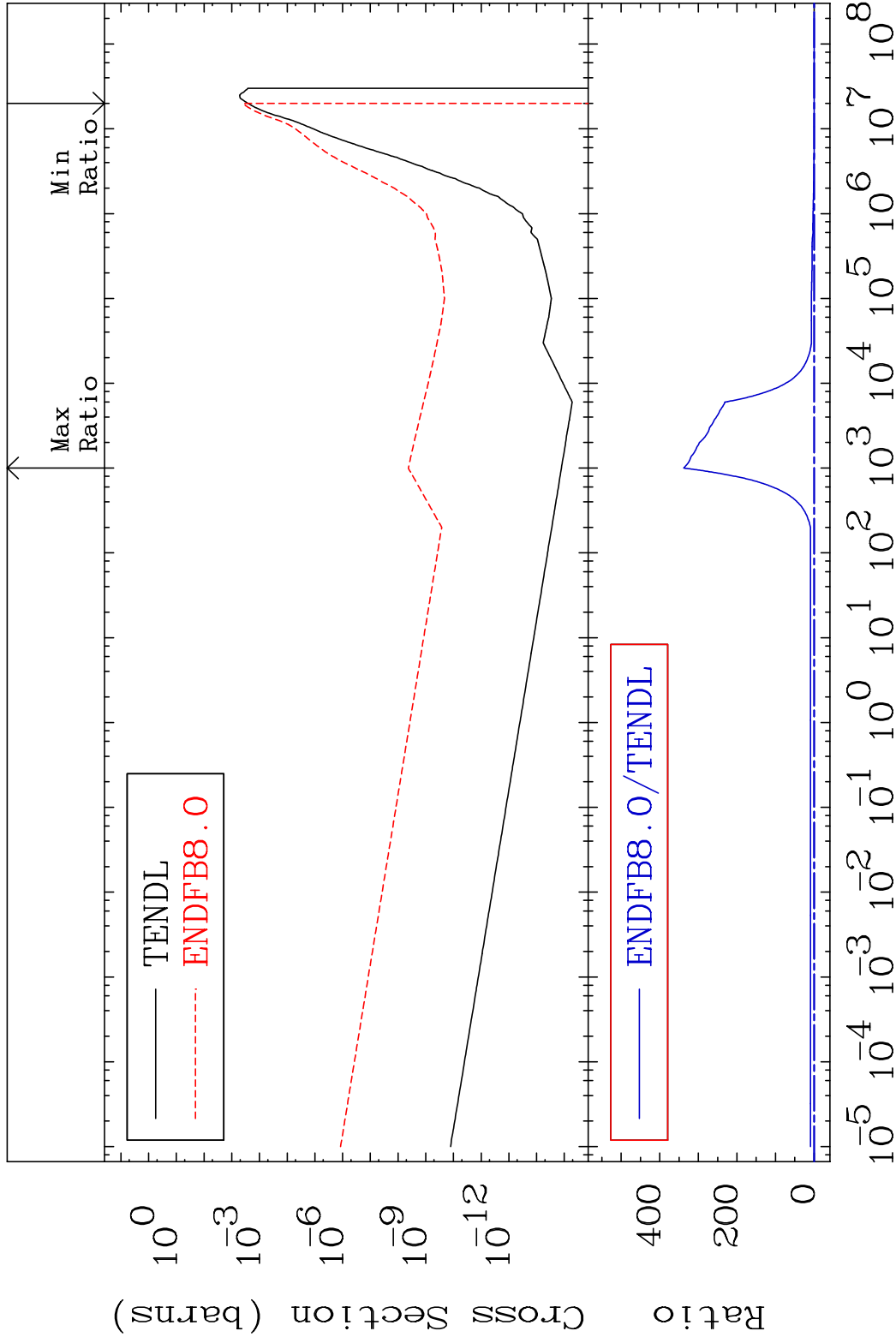
82-Pb-207

MAT 8234

(n, α)

82-Pb-207

Cross Section -100.0 To 9999. %



38

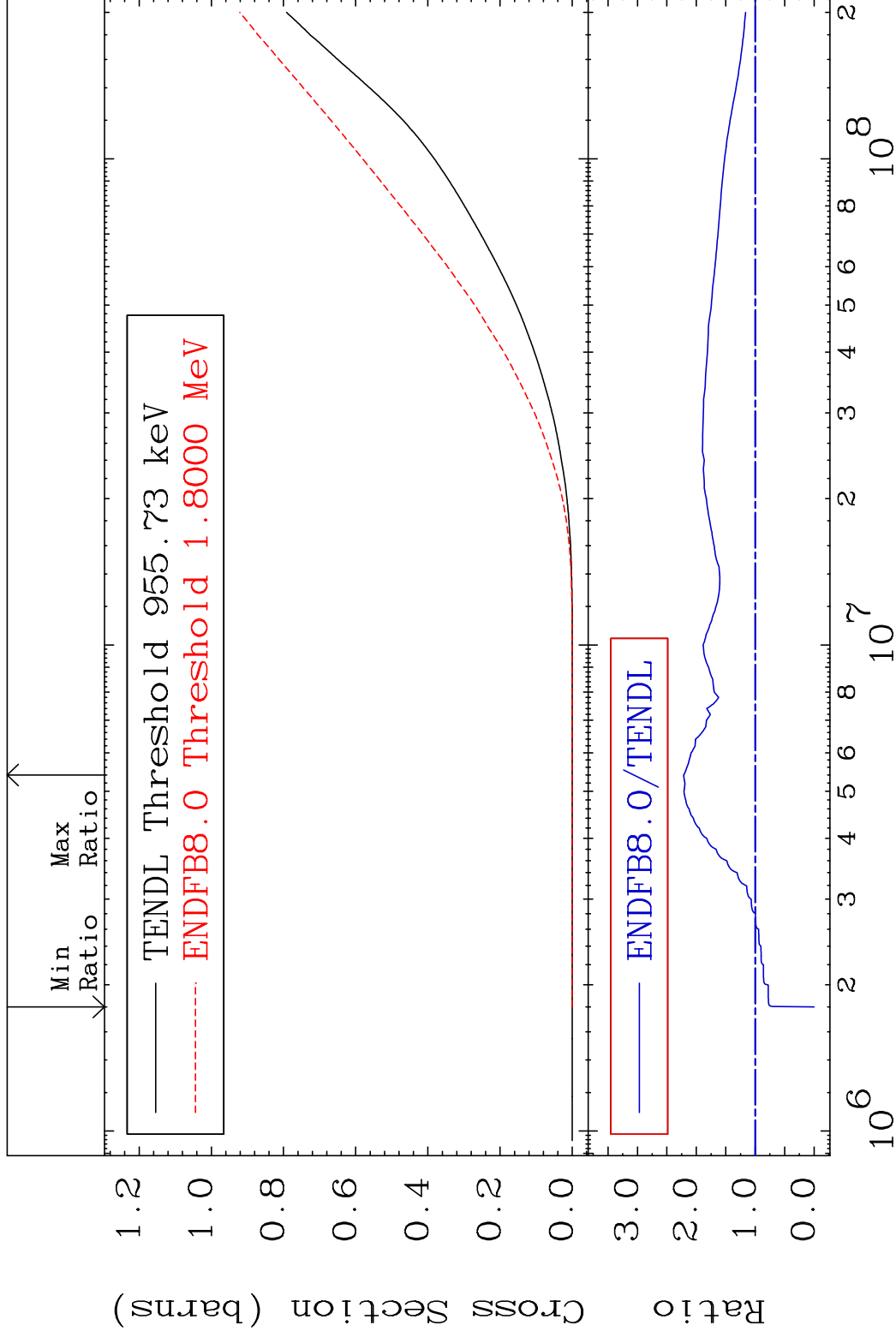
Incident Energy (eV)

82-Pb-207

MAT 8234

Hydrogen Production
Cross Section -100.0 To 121.5 %

82-Pb-207



39

Incident Energy (eV)

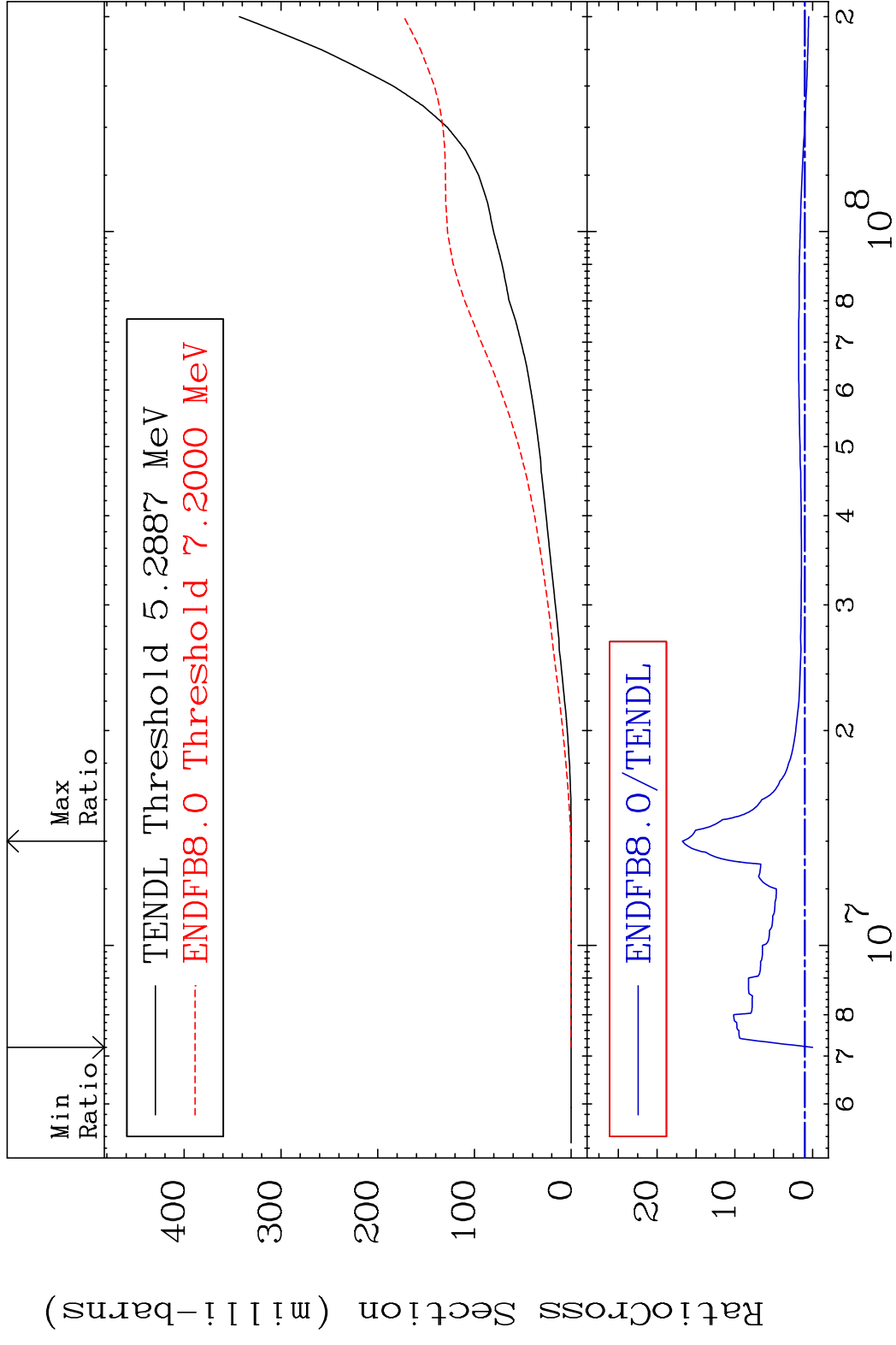
82-Pb-207

MAT 8234

Deuterium Production

82-Pb-207

Cross Section -100.0 To 1576. %



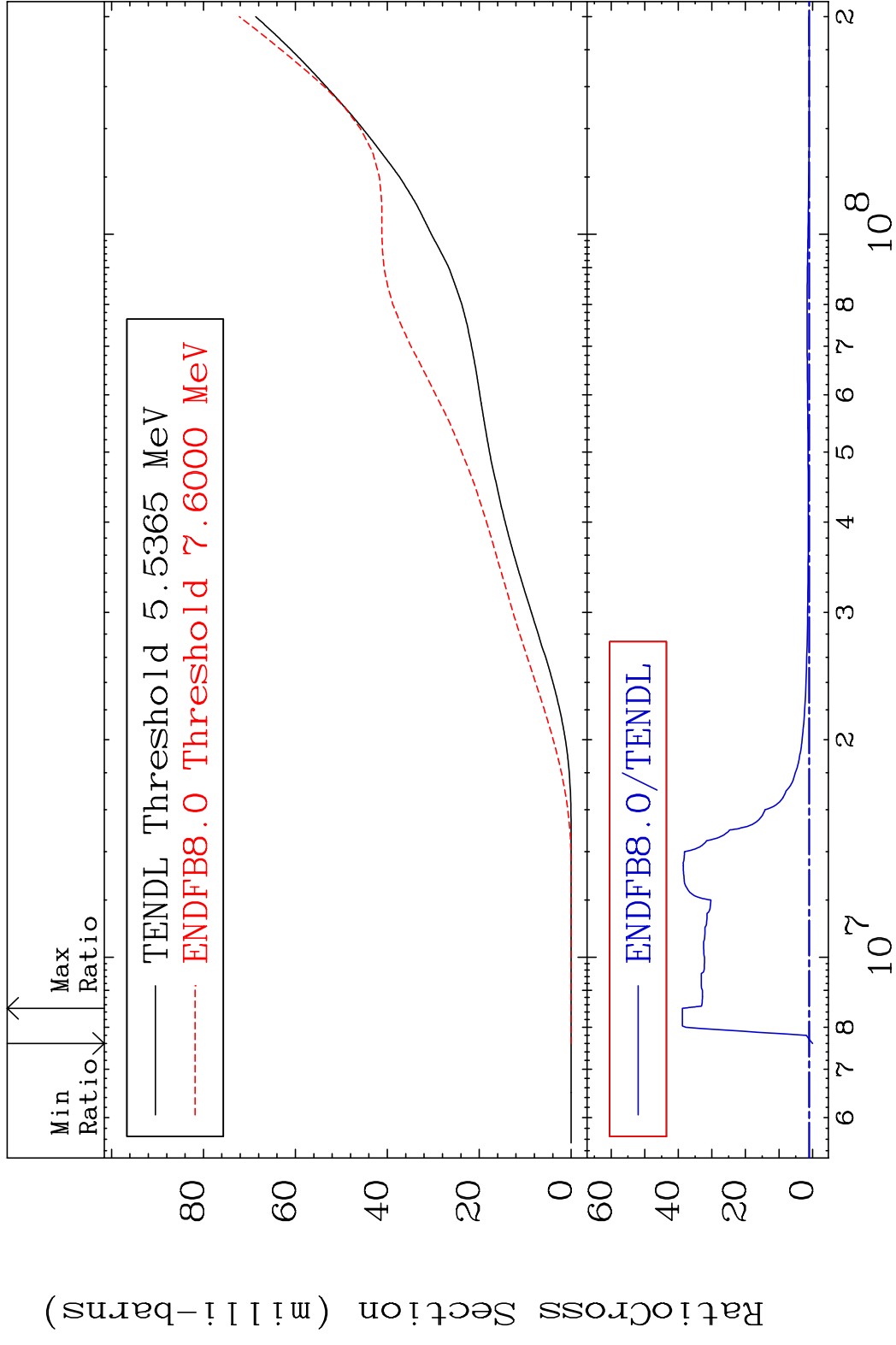
40

Incident Energy (eV)

82-Pb-207

MAT 8234

Tritium Production 82-Pb-207
Cross Section -100.0 To 3779. %

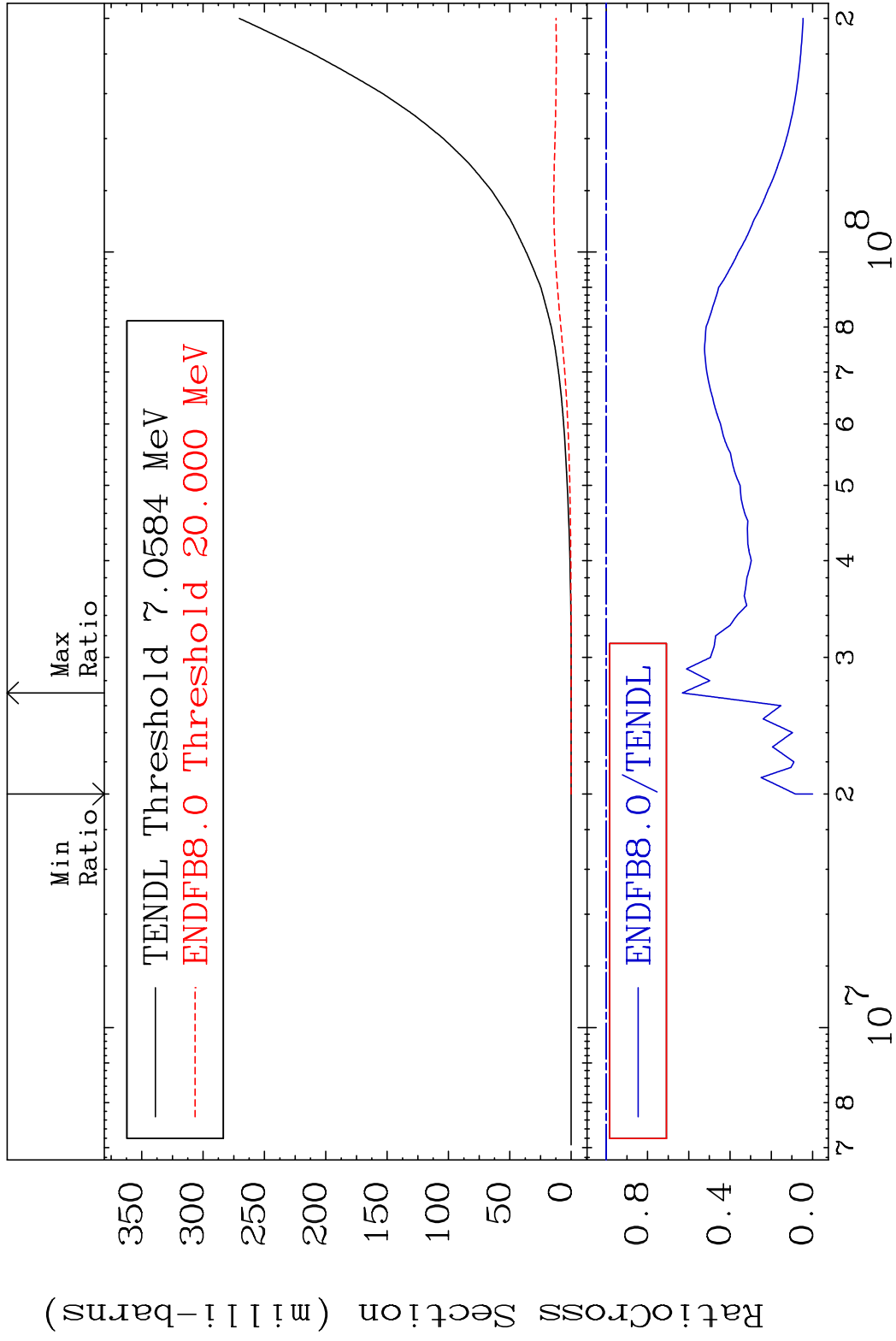


MAT 8234

He-3 Production

82-Pb-207

Cross Section -100.0 To -36.88%



42

Incident Energy (eV)

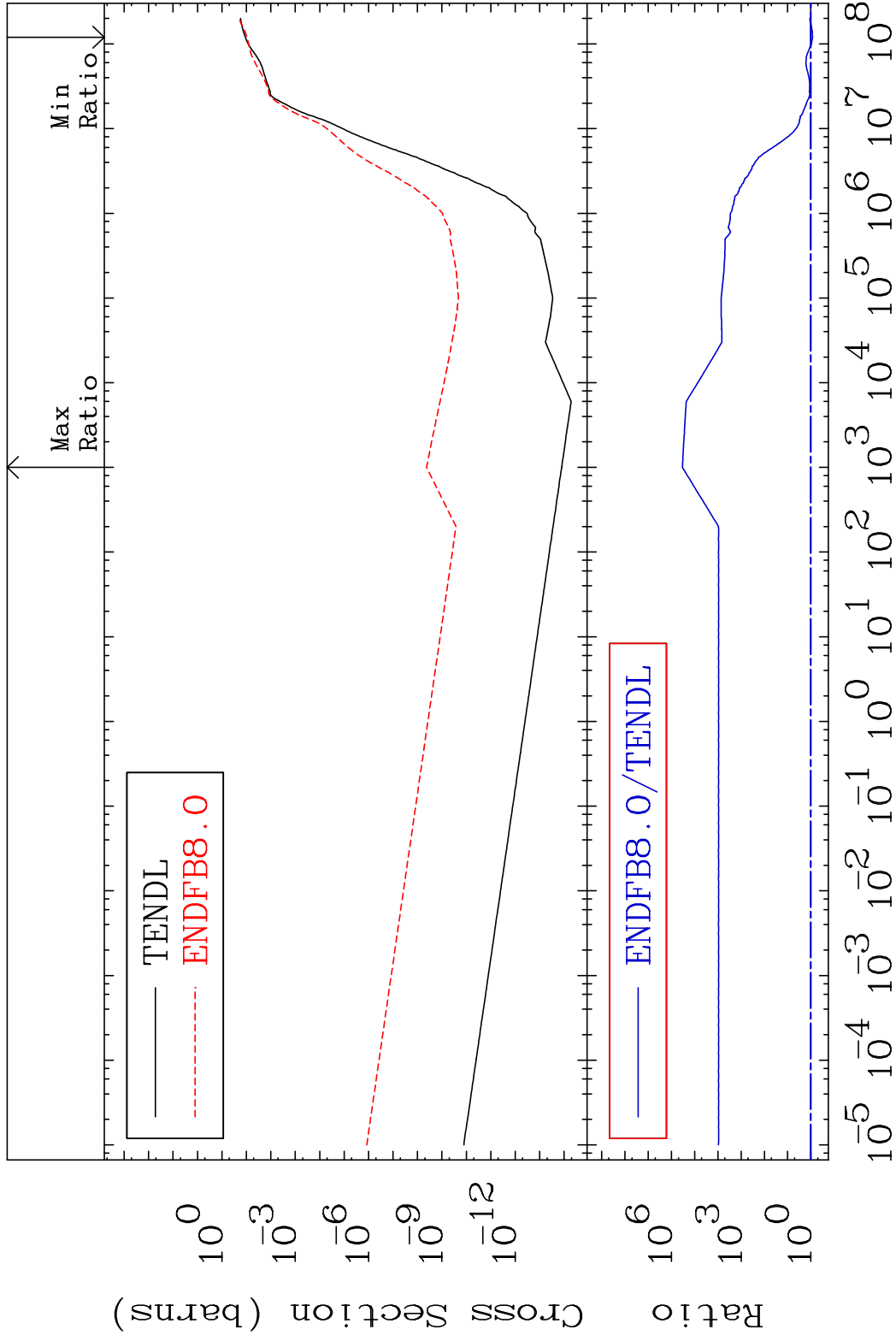
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -15.31 To 9999. %

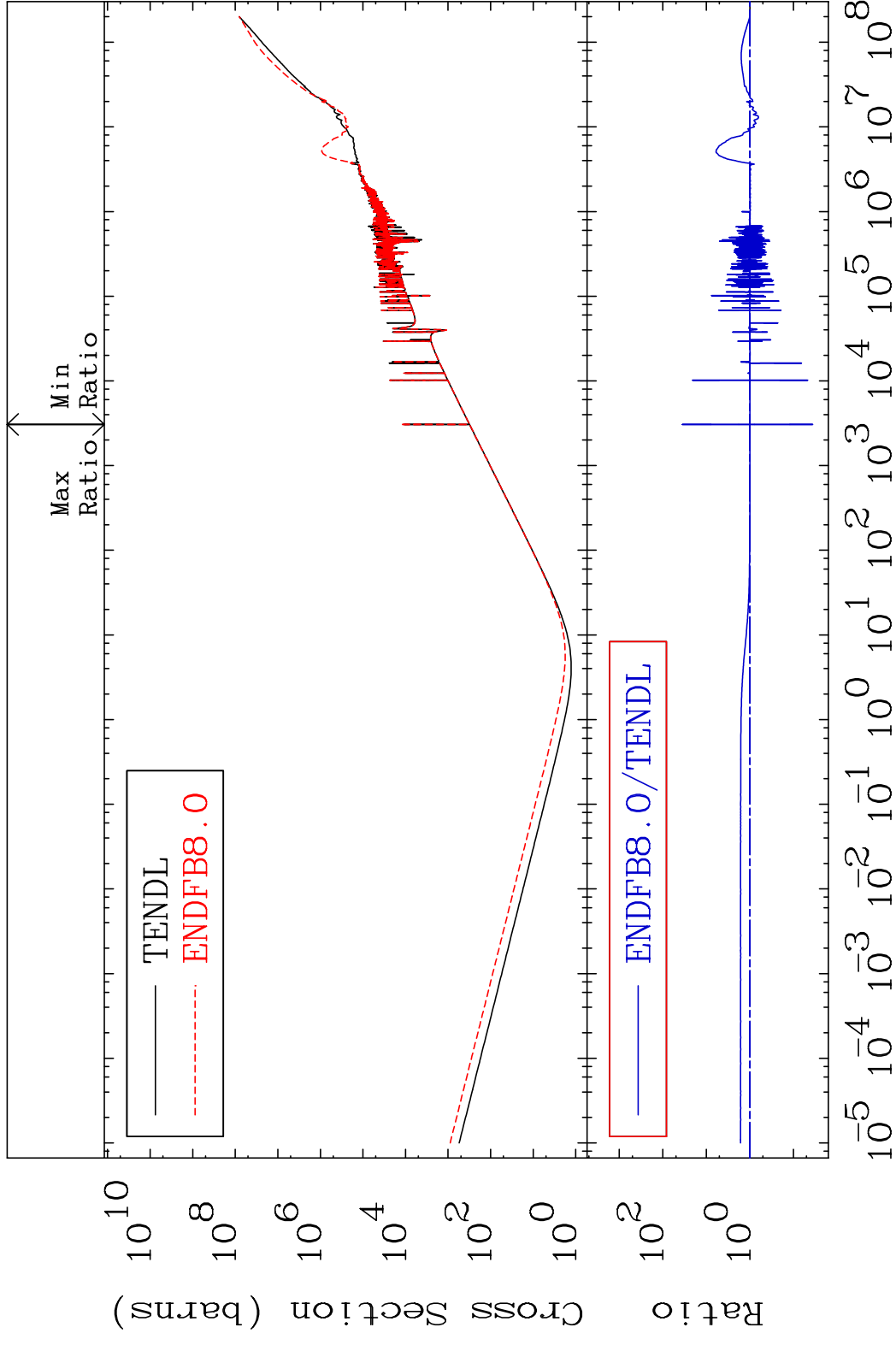


43

Incident Energy (eV)

82-Pb-207

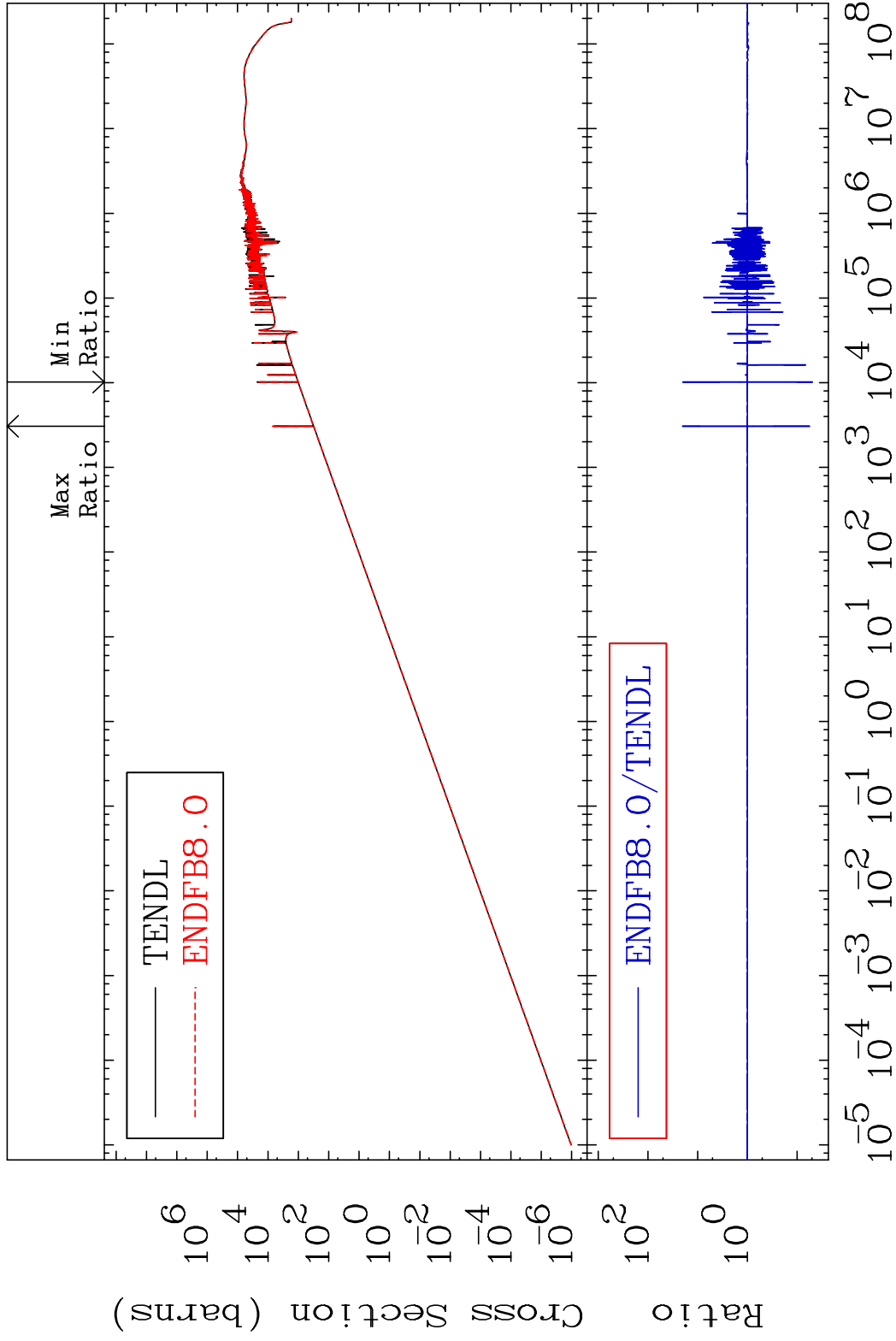
MAT 8234 Kerma total (eV-barns) 82-Pb-207
 Cross Section -96.36 To 3454. %



MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-95.13 To 1929. %

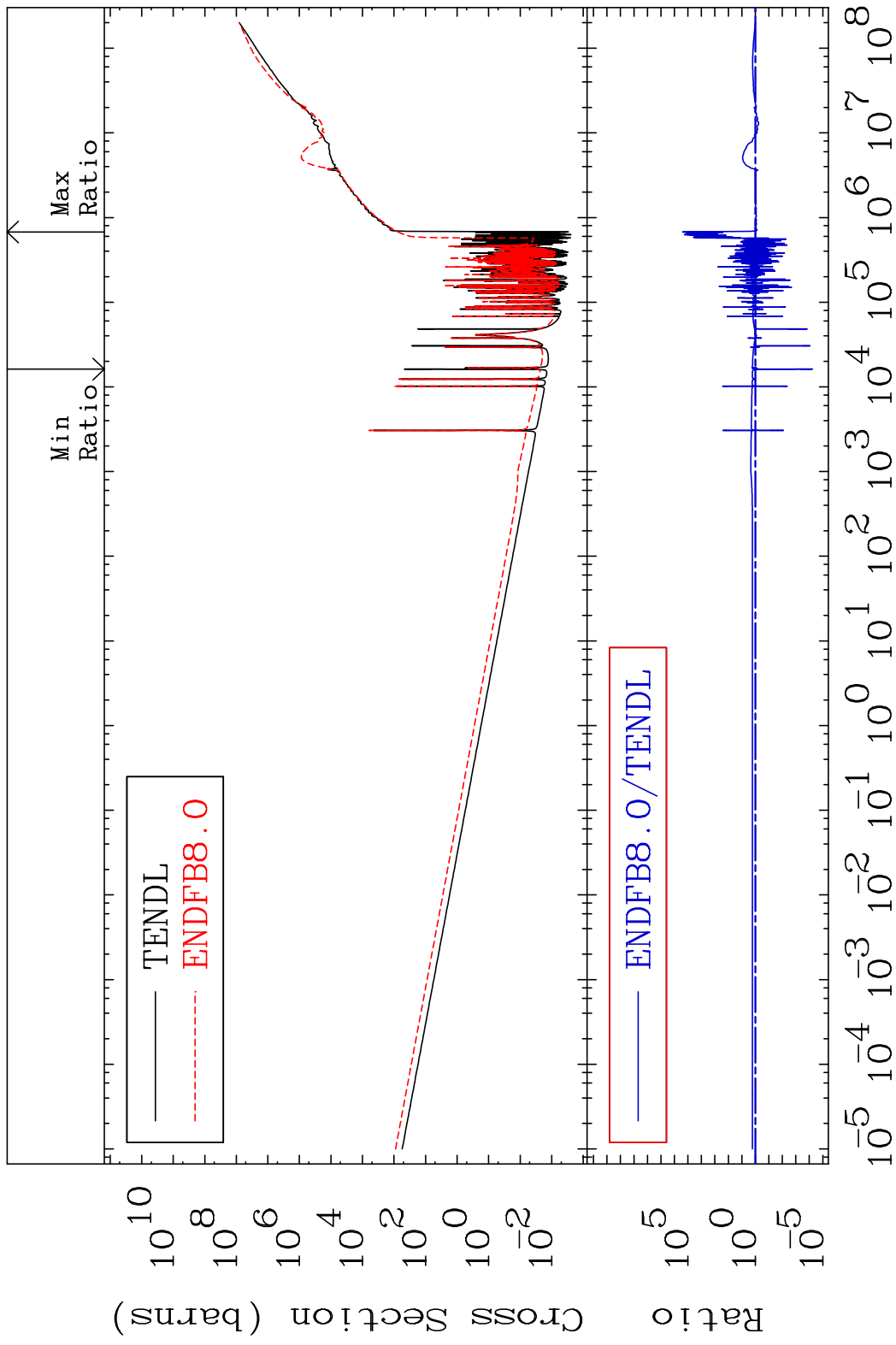


45

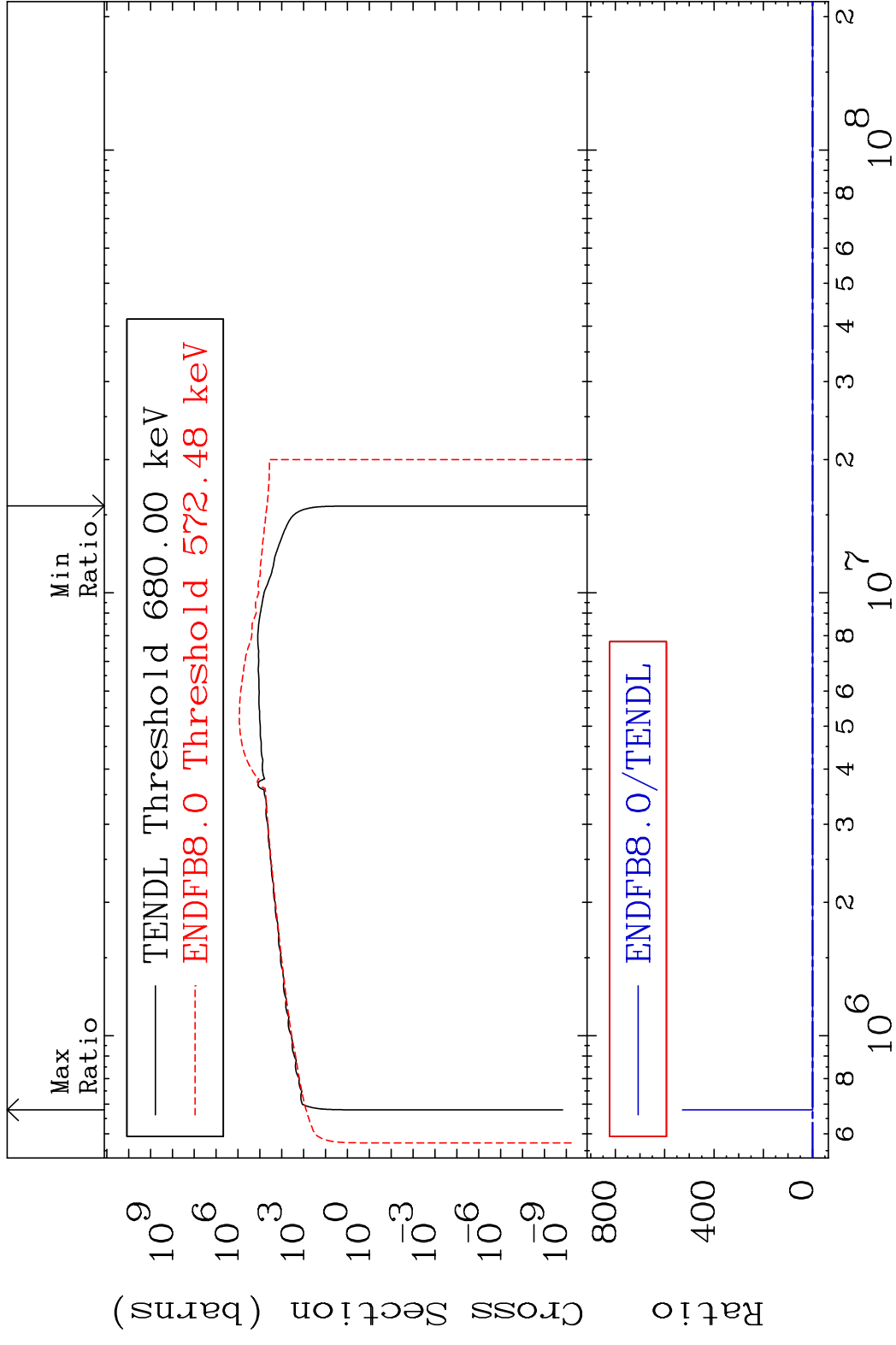
Incident Energy (eV)

82-Pb-207

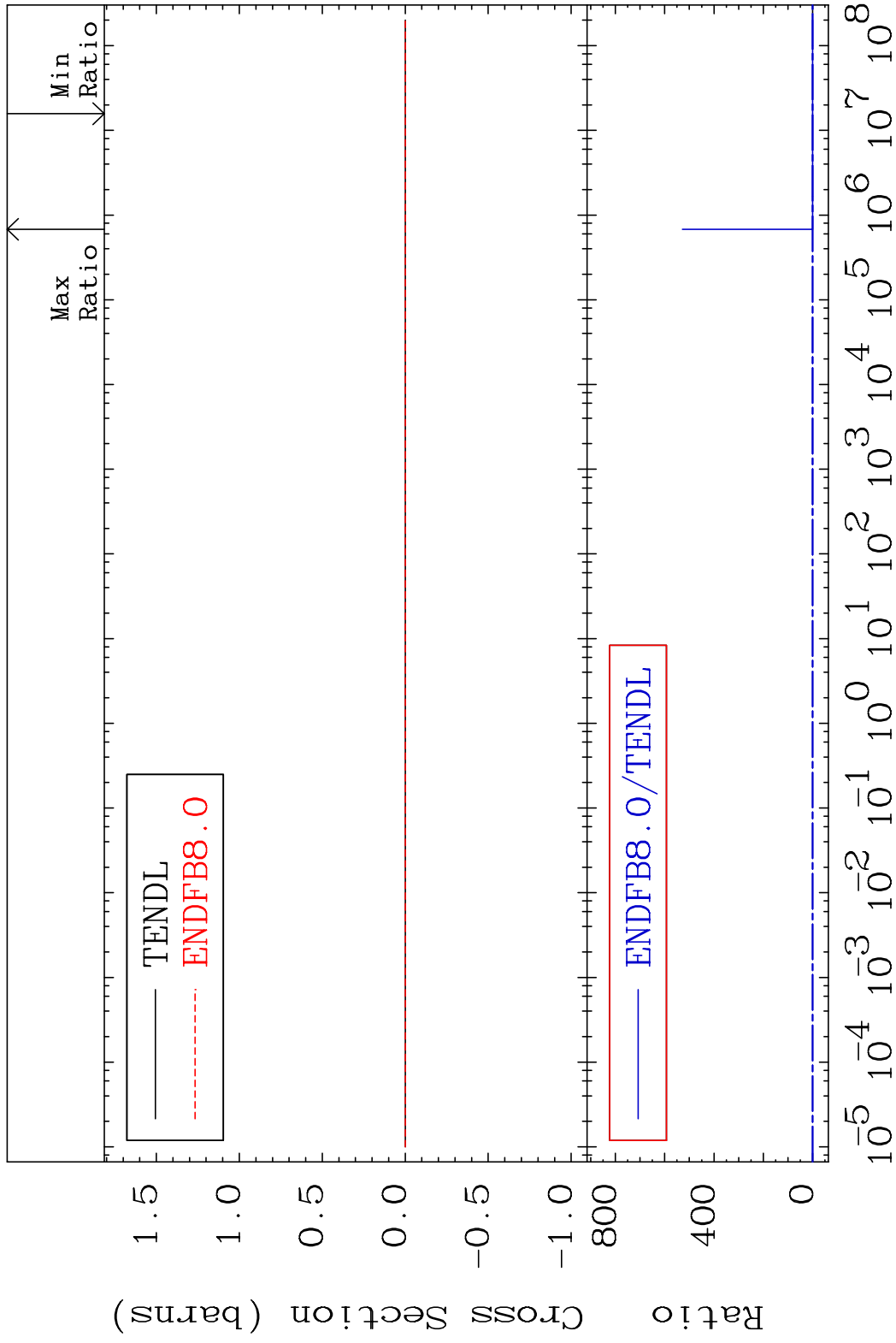
MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -99.99 To 9999. %



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. %

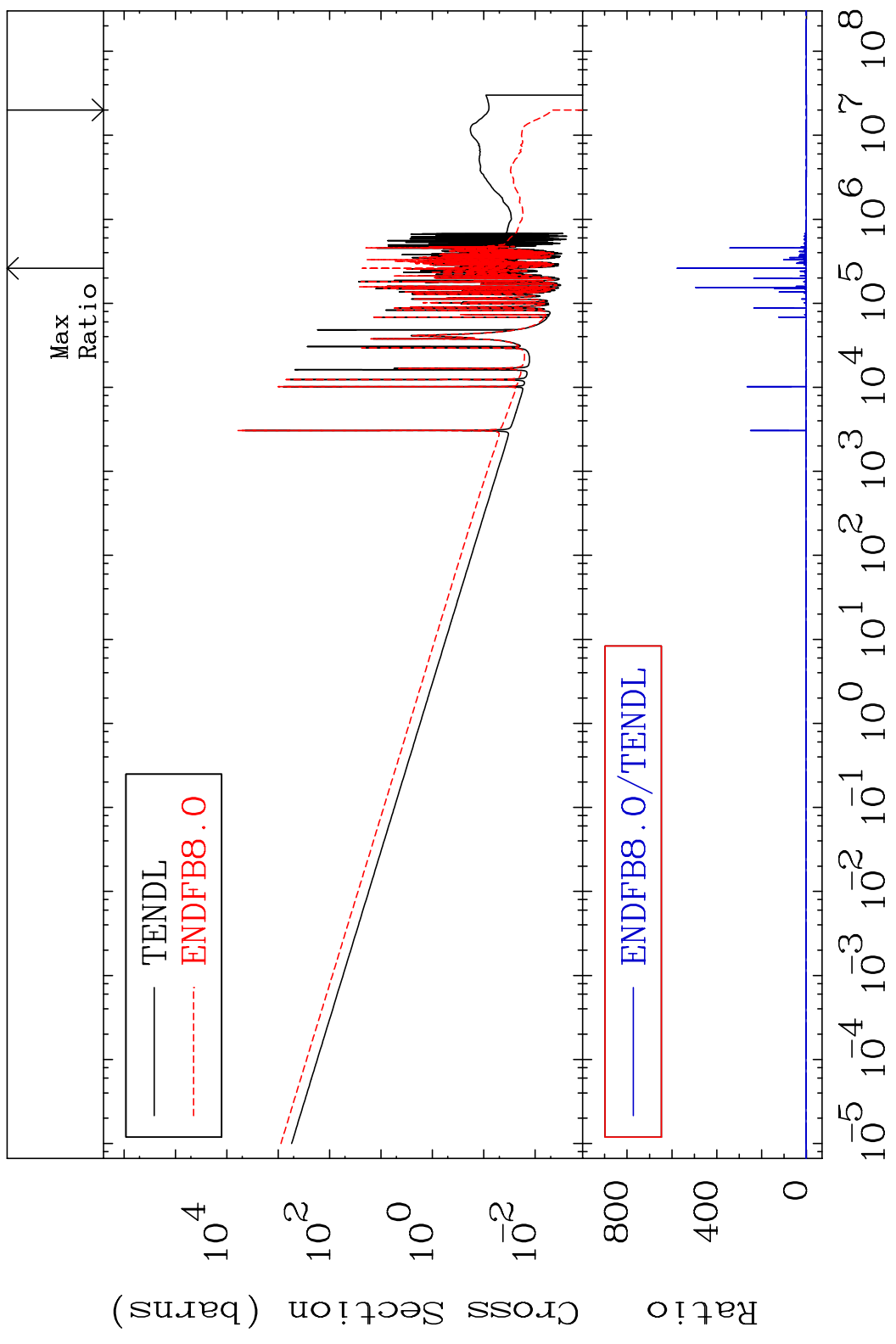


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

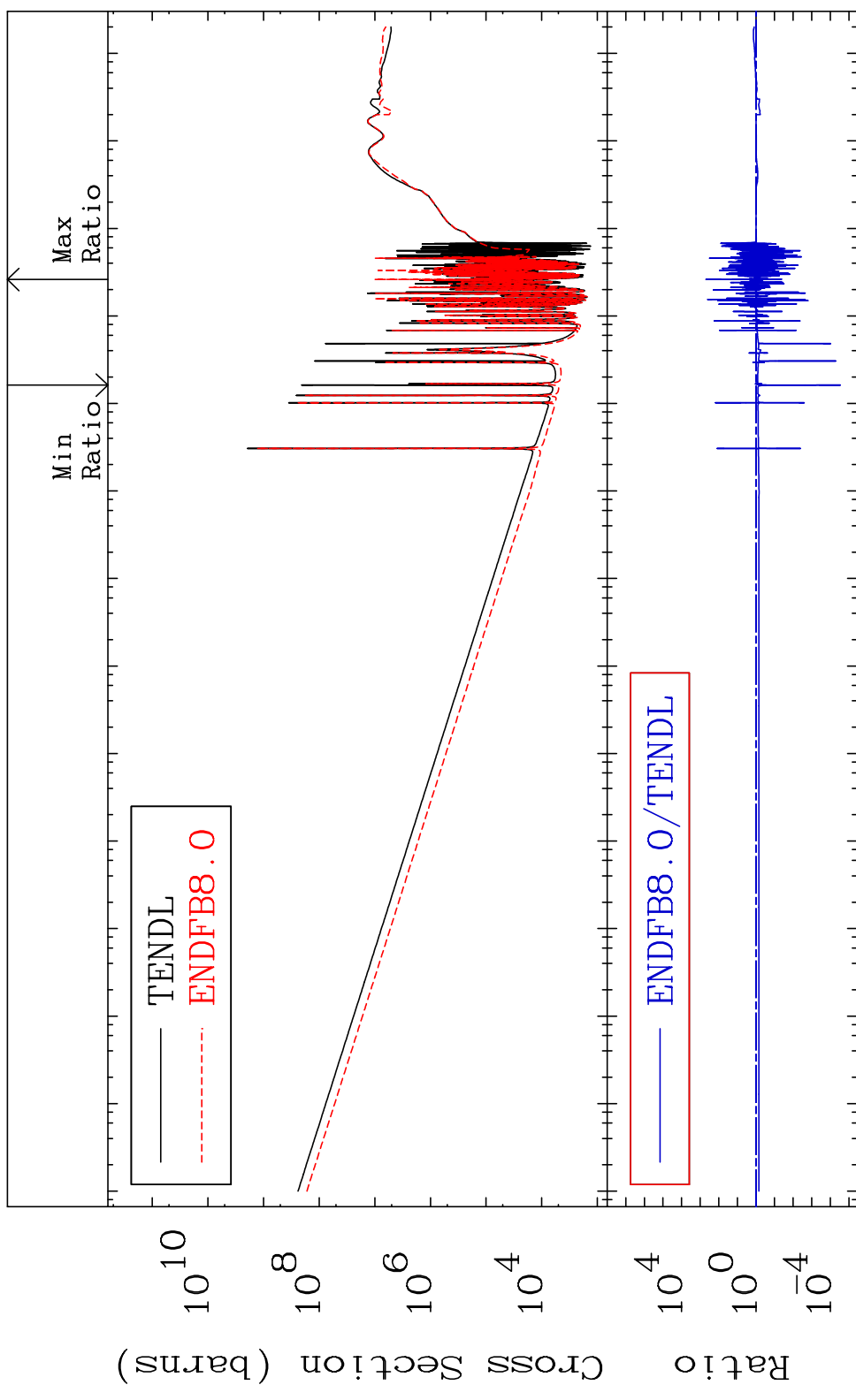
82-Pb-207

MAT 8234

Total photon (eV-barns)

82-Pb-207

Cross Section -100.0 To 9999. %

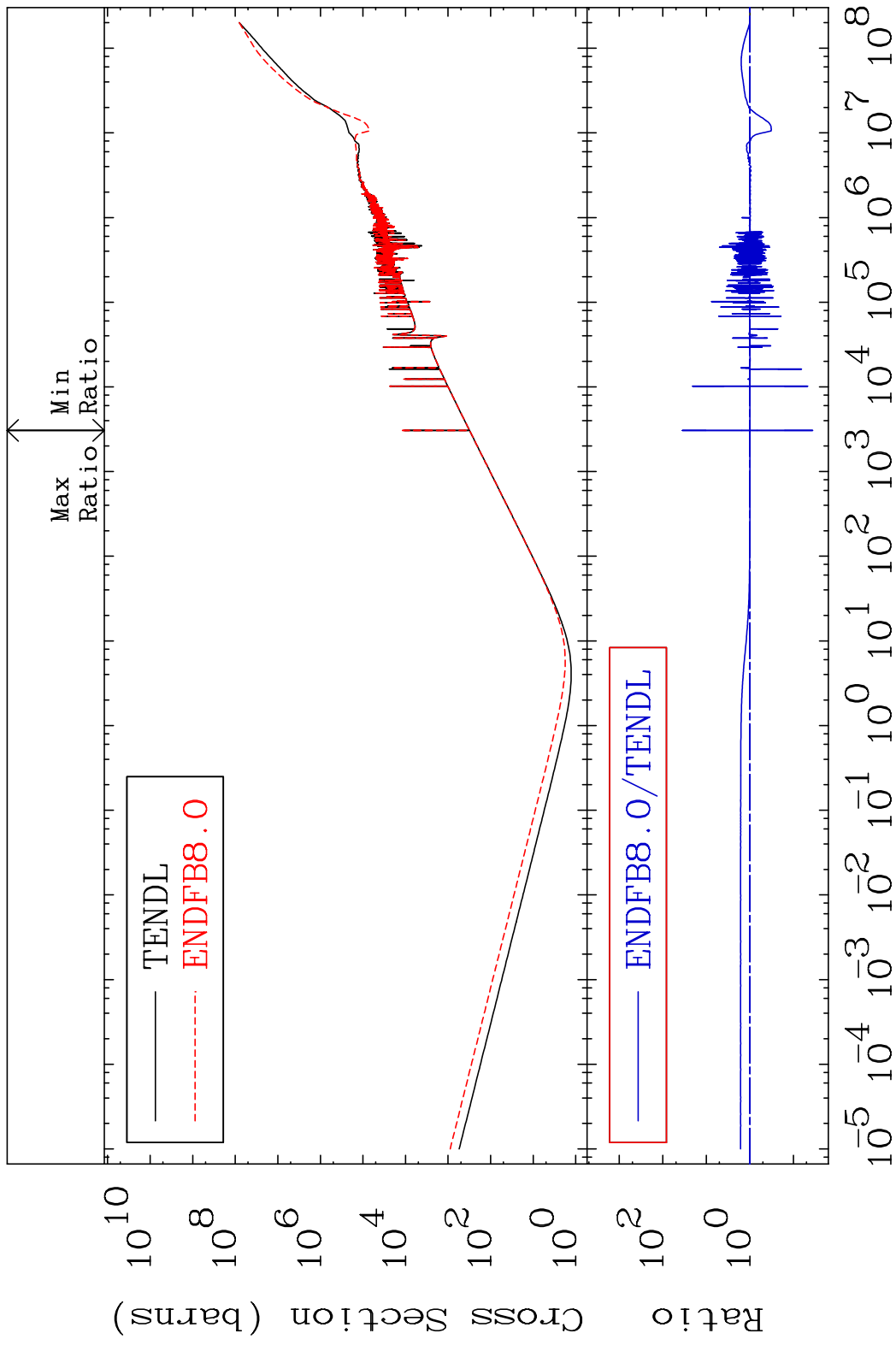


50

Incident Energy (eV)

82-Pb-207

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

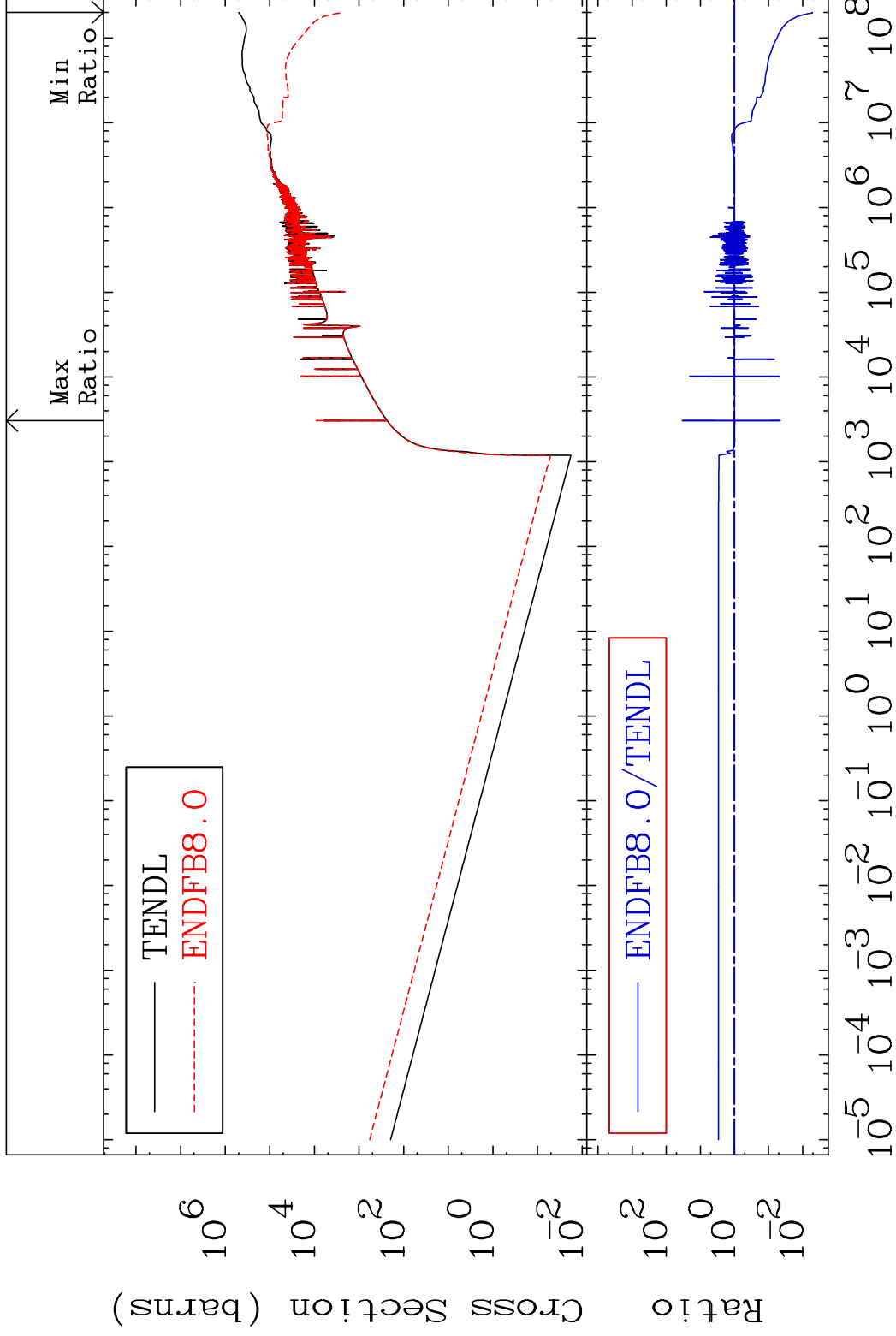


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.48 To 3319. %



52

Incident Energy (eV)

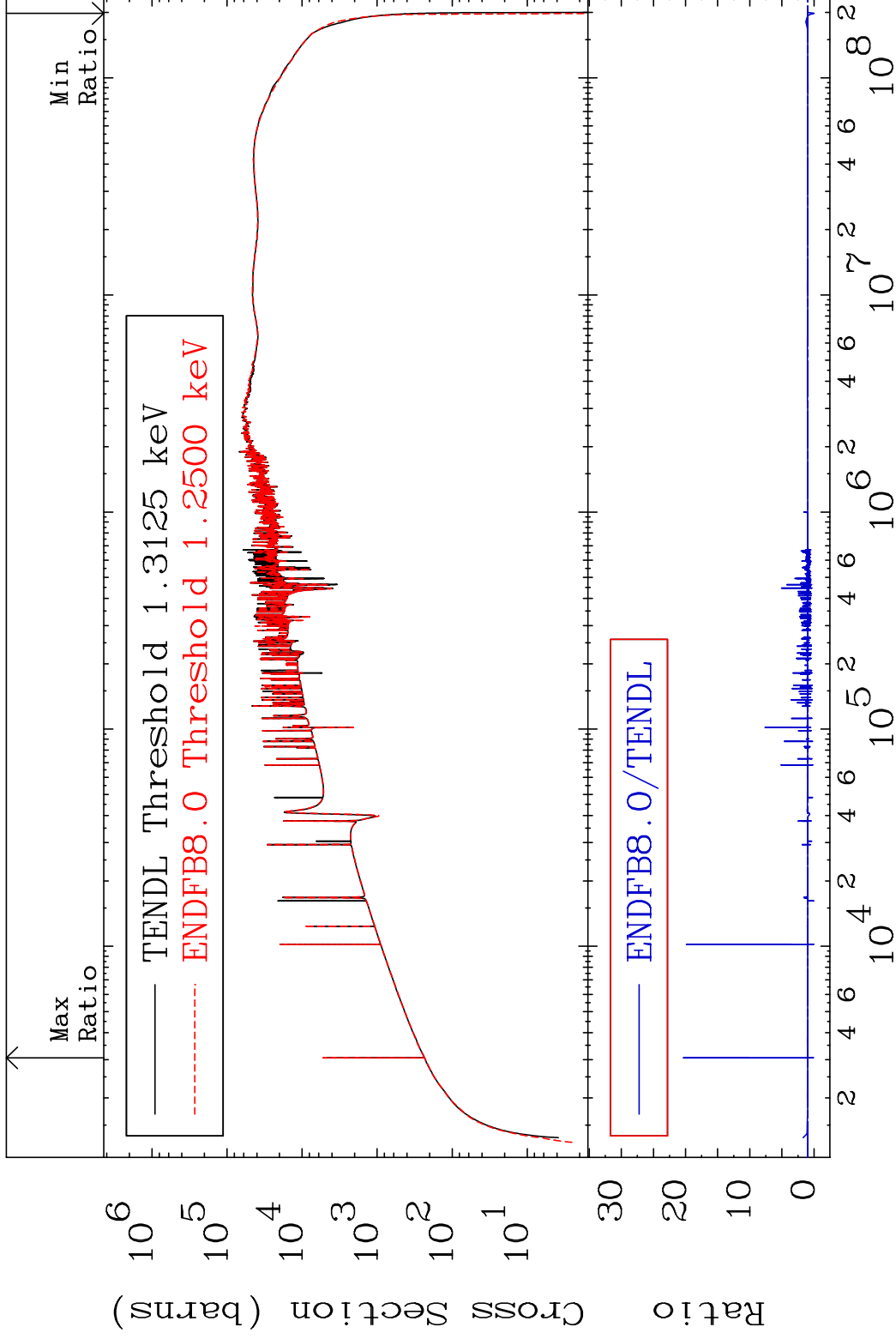
82-Pb-207

MAT 8234

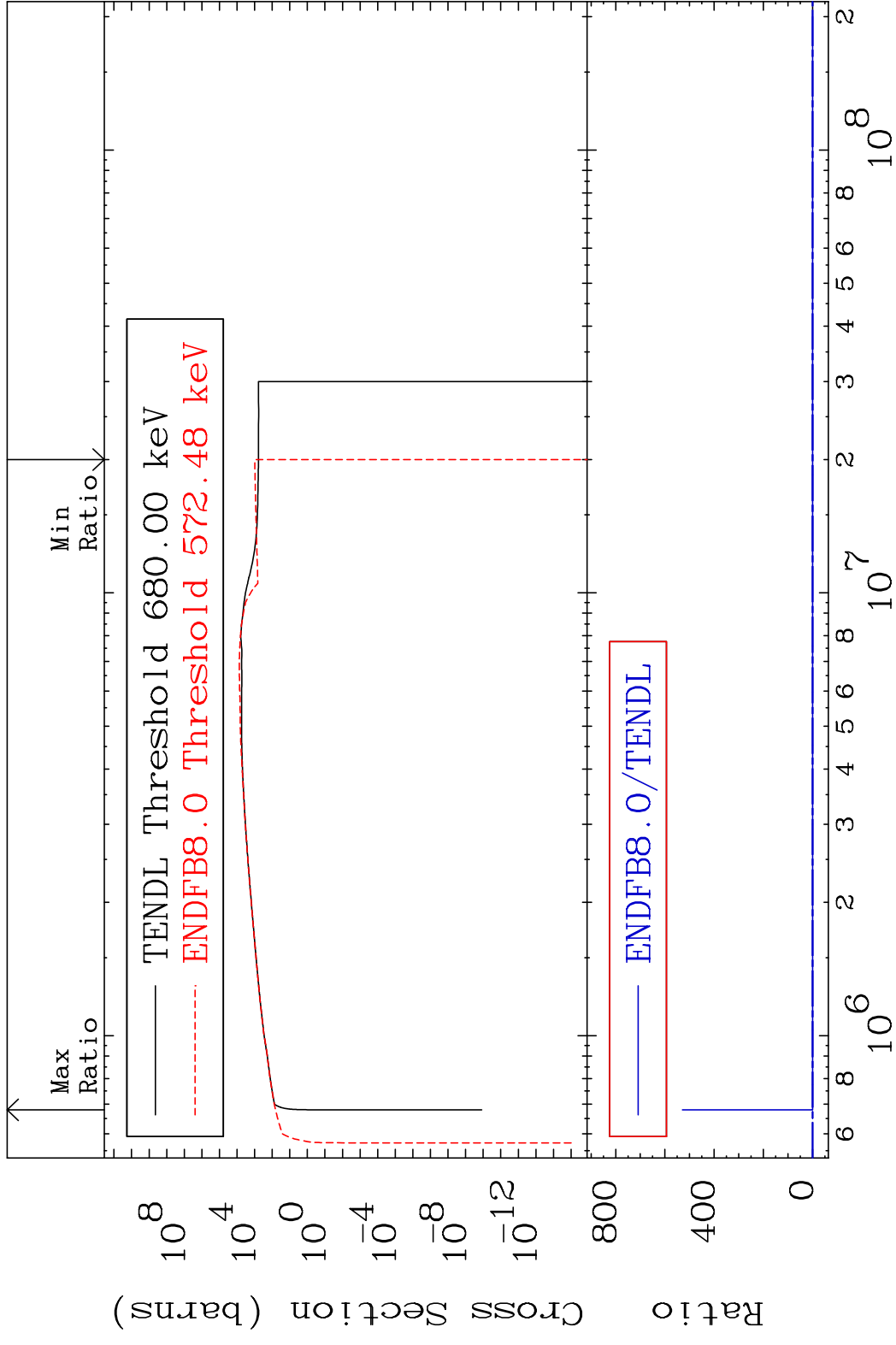
Dpa elastic (mt2)

82-Pb-207

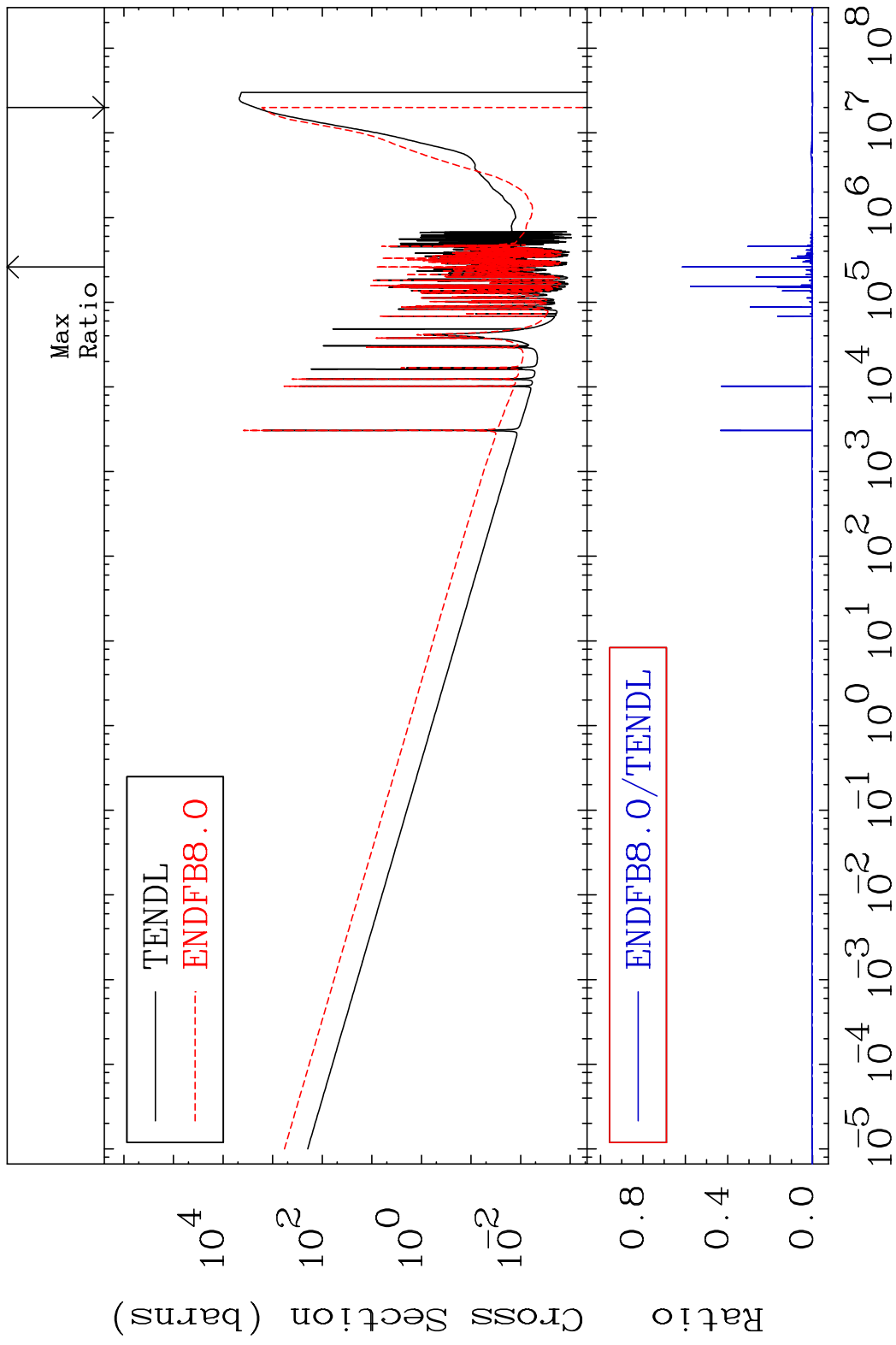
Cross Section -100.0 To 1933. %



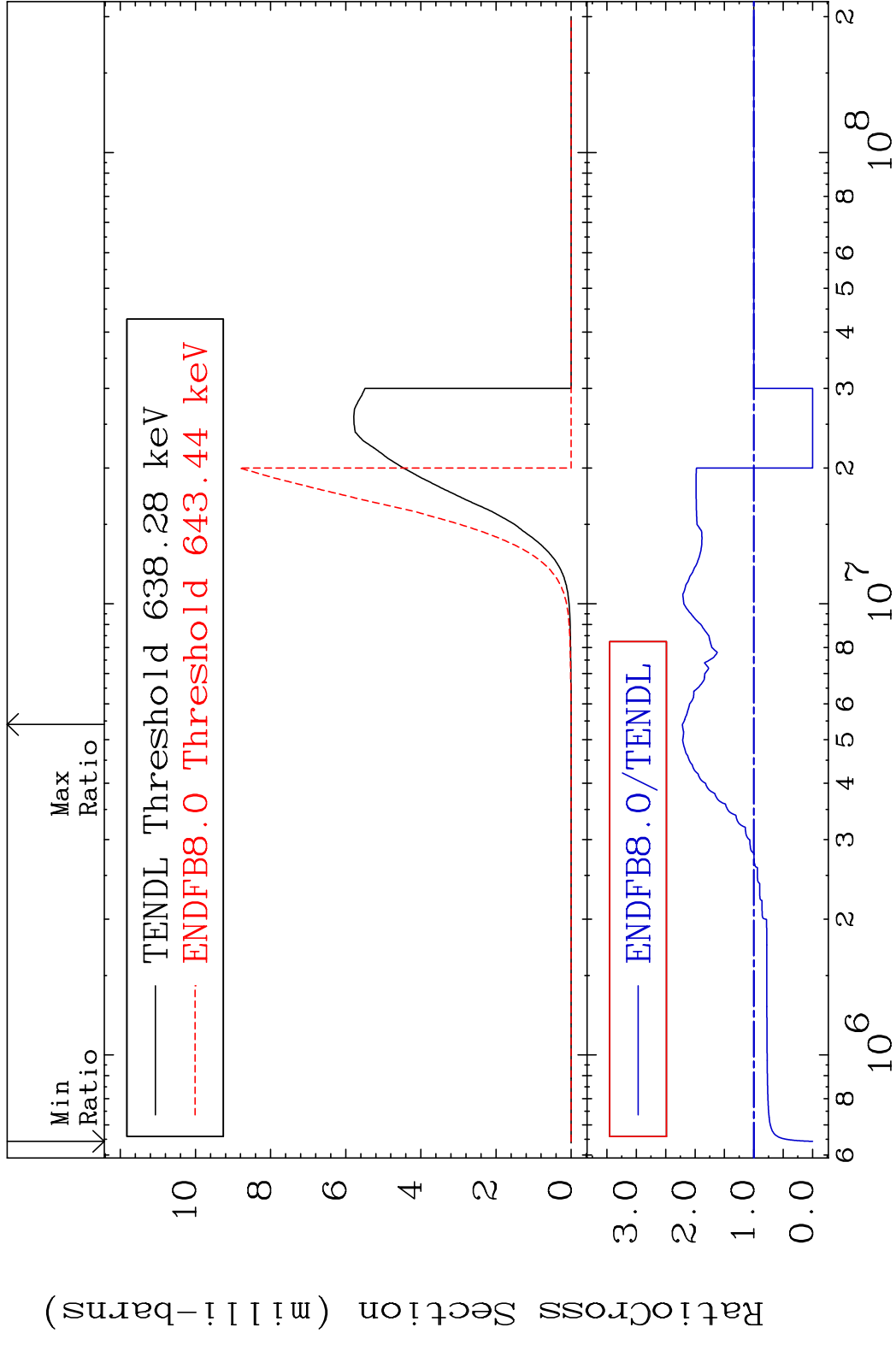
MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -100.0 To 9999. %



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 %



MAT 8234 (n, p):81-Tl-207m2 82-Pb-207
 Radionuclide Production Cross Section 180.0 dth 779.2 %

