

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

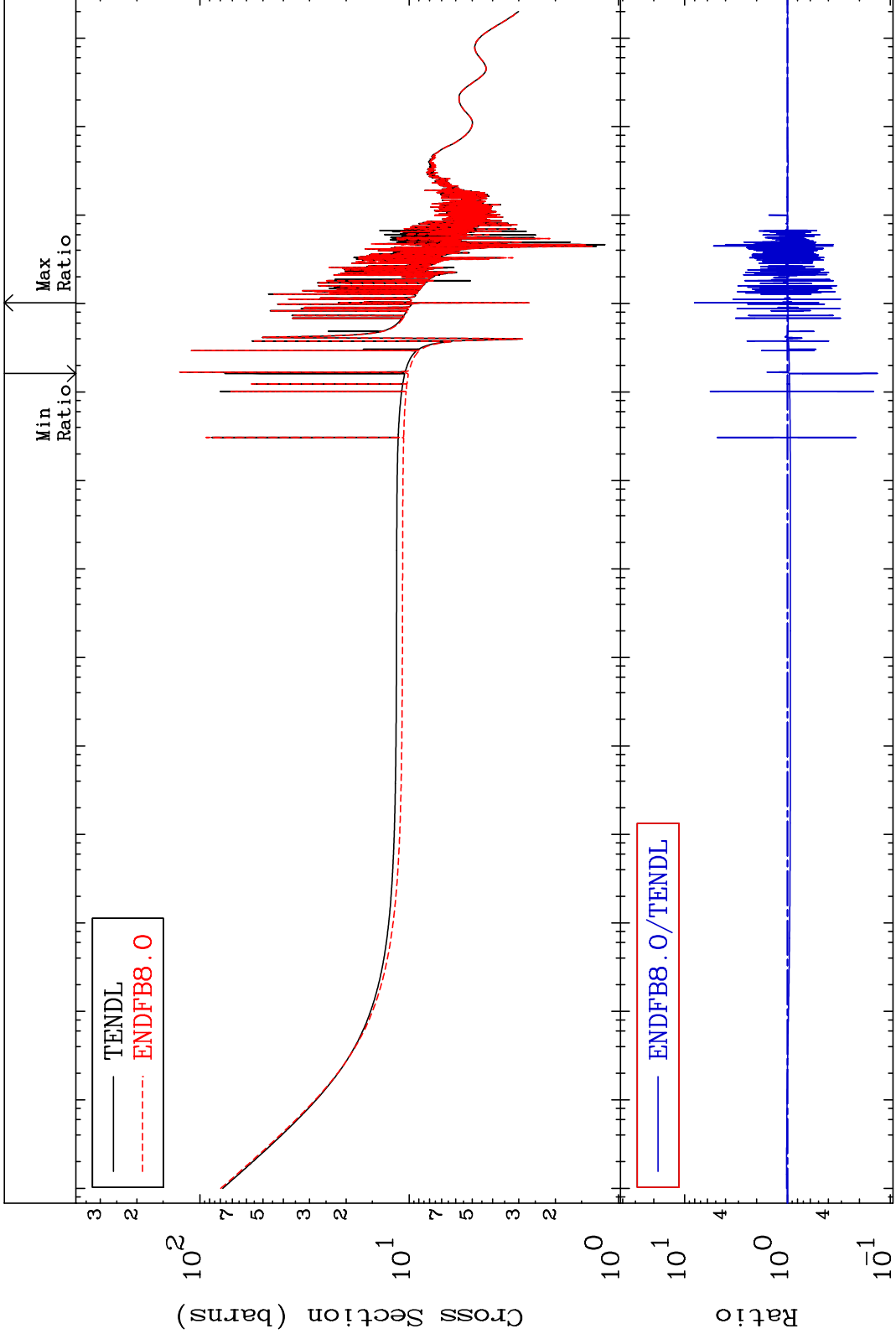
MAT 8234

Total

82-Pb-207

Cross Section

-86.62 To 701.3 %



Incident Energy (eV)

82-Pb-207

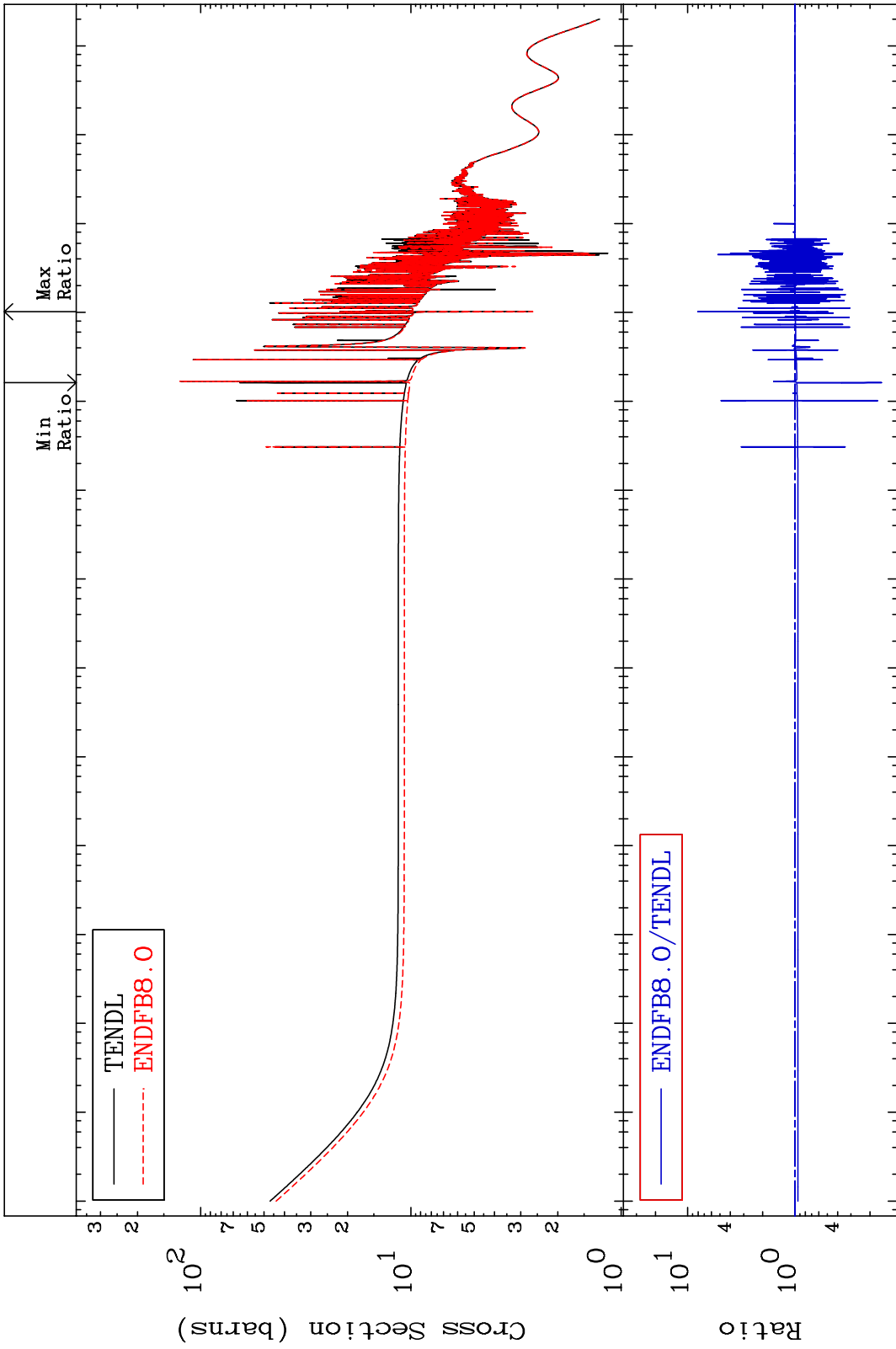
MAT 8234

Elastic

Cross Section

82-Pb-207

-84.41 To 704.9 %

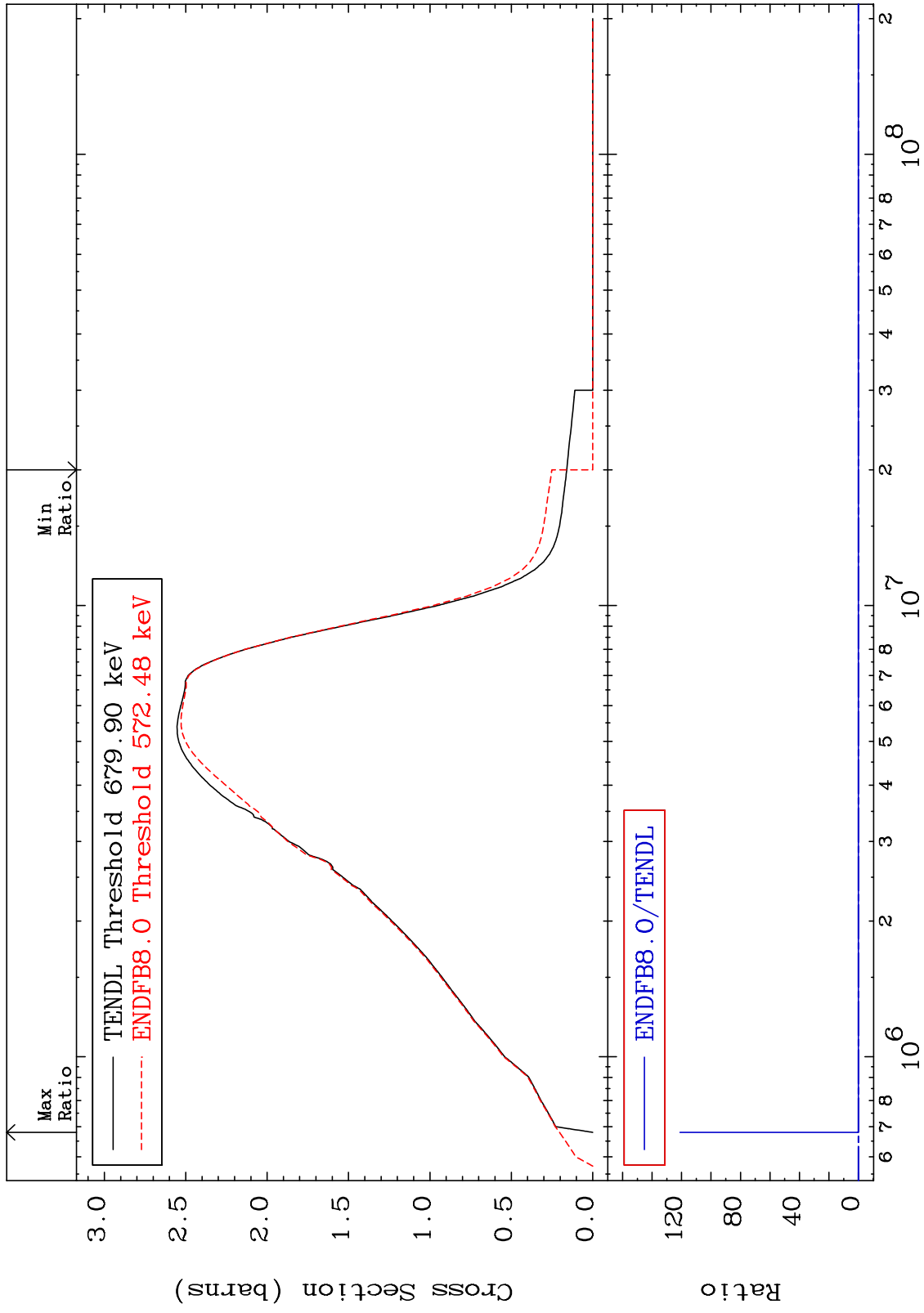


Incident Energy (eV)

82-Pb-207

2

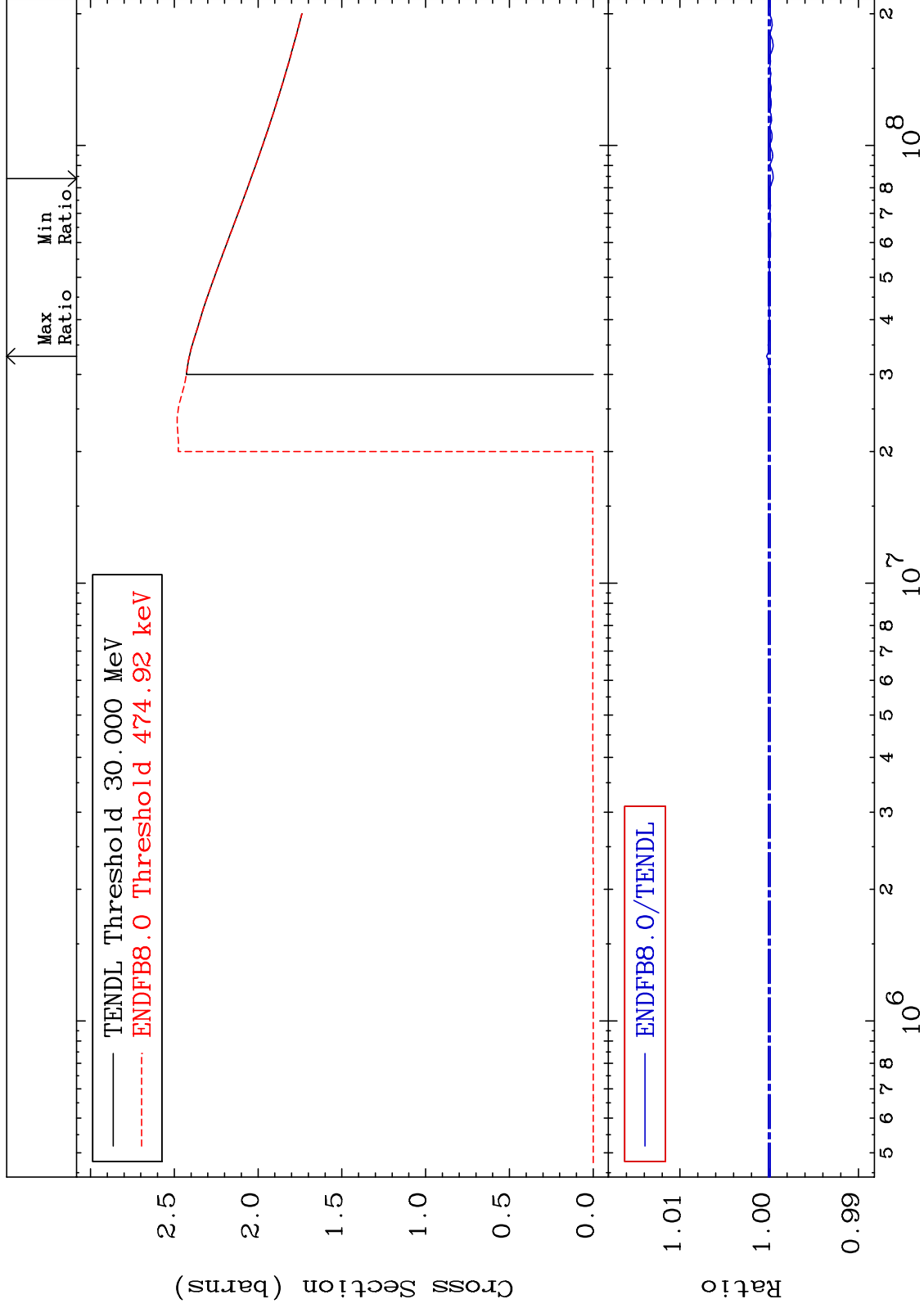
MAT 8234 Inelastic Cross Section 82-Pb-207 -100.0 To 9999. %



MAT 8234

(n, remainder)
Cross Section

82-Pb-207
-0.044 To 0.030 %



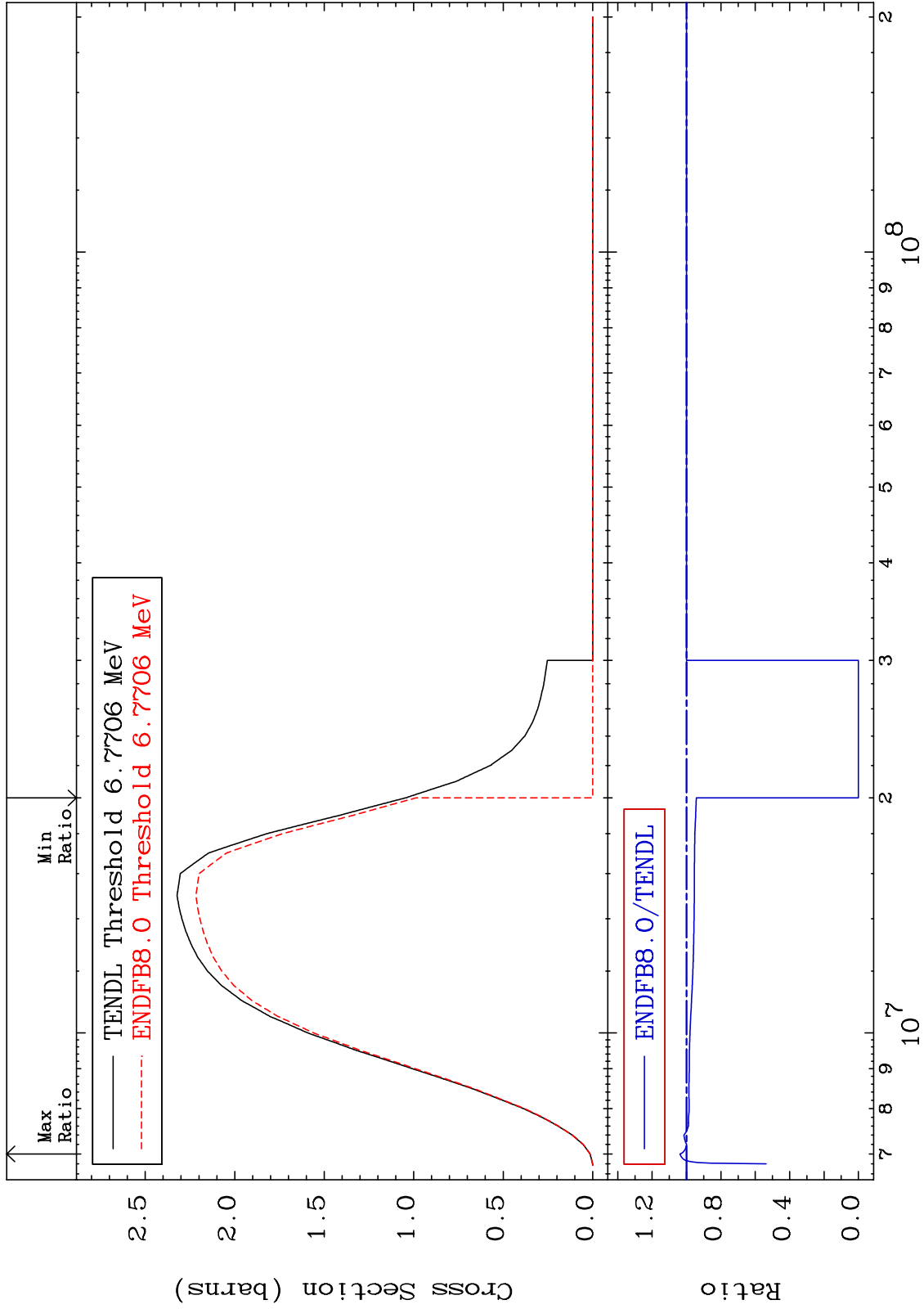
MAT 8234

(n, 2n)

82-Pb-207

Cross Section

-100.0 To 3.779 %



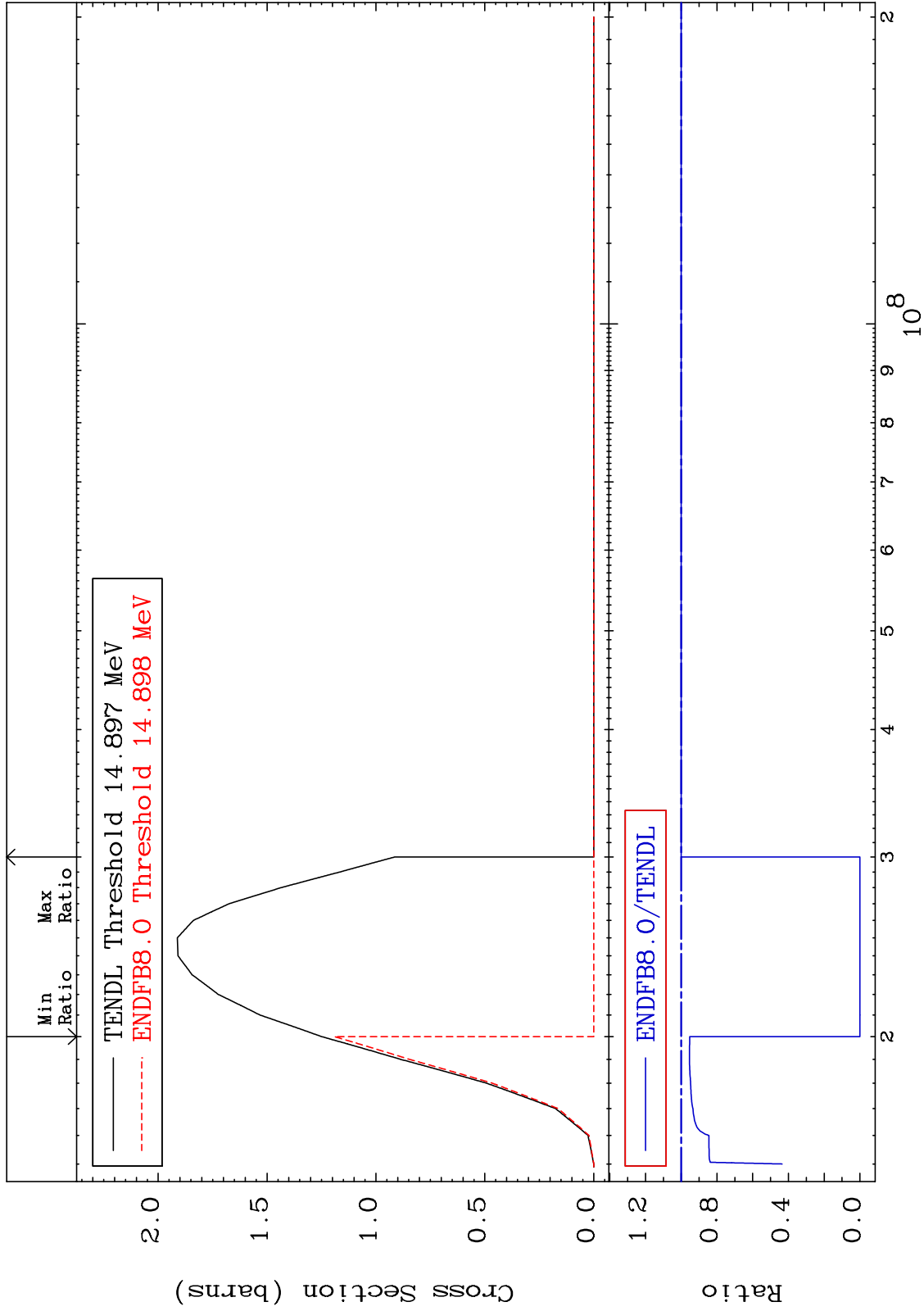
MAT 8234

(n, 3n)

82-Pb-207

Cross Section

-100.0 To 0.000 %



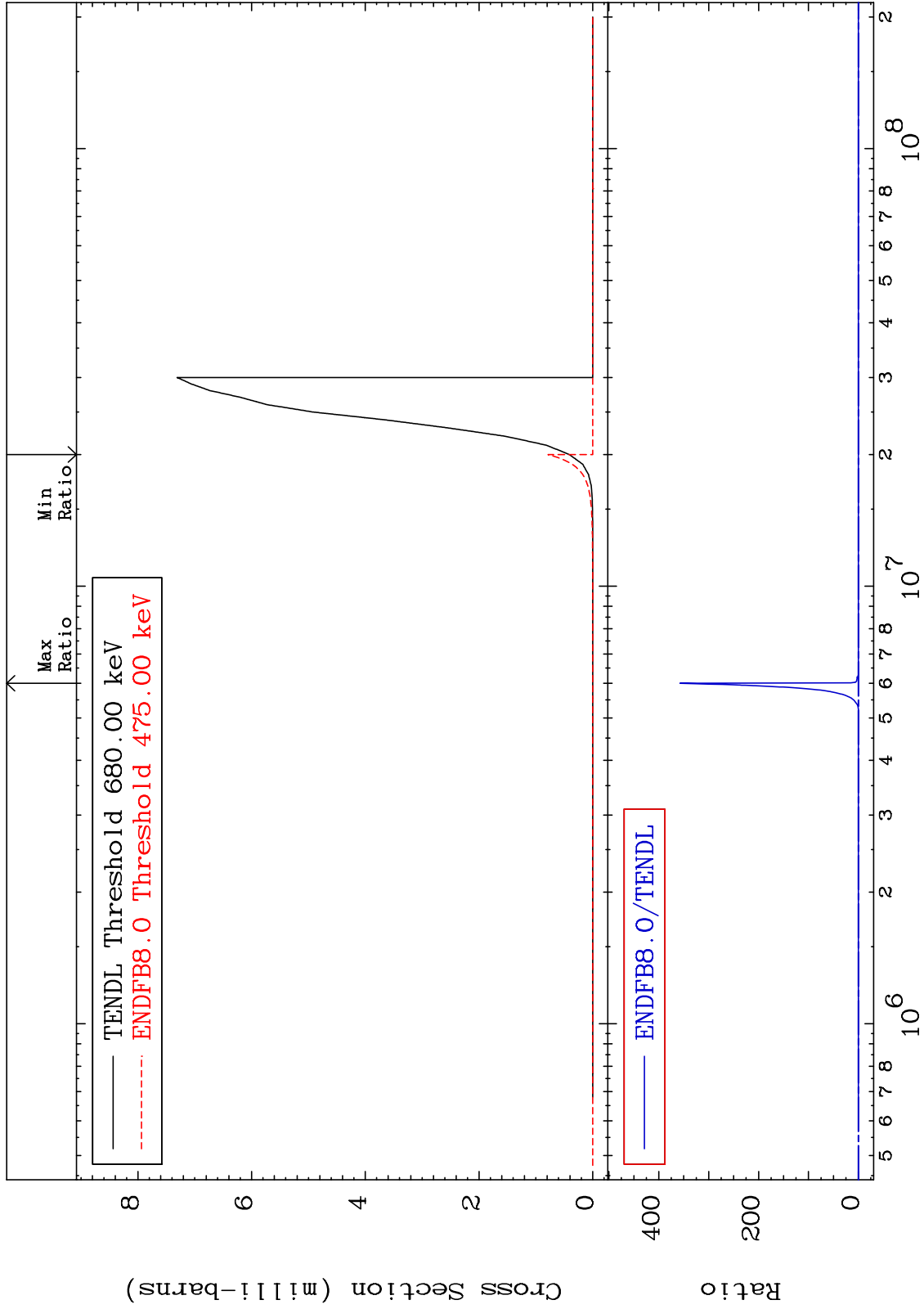
MAT 8234

(n, n') α

82-Pb-207

-100.0 To 9999. %

Cross Section



7

Incident Energy (eV)

82-Pb-207

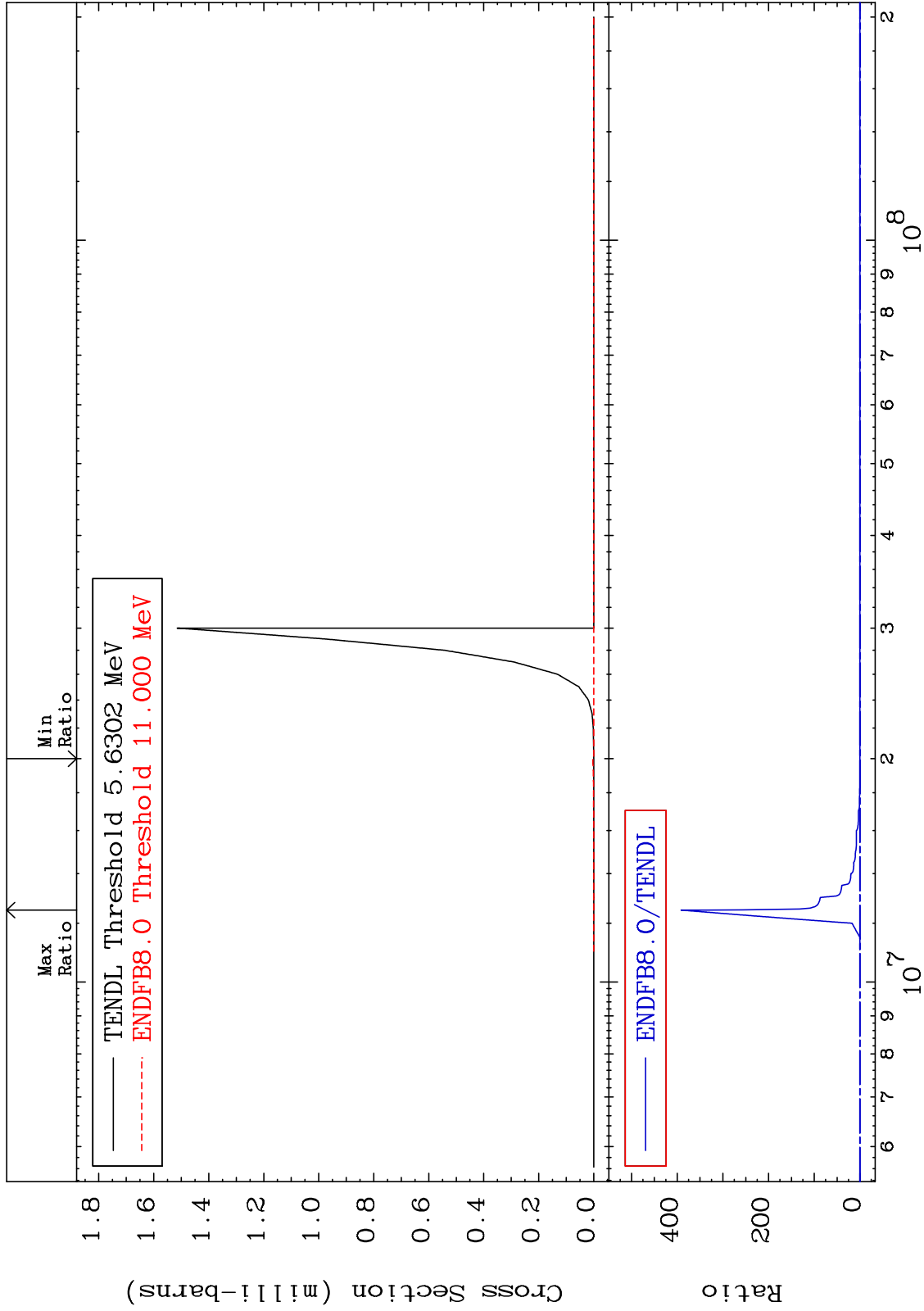
MAT 8234

(n,2n) α

82-Pb-207

Cross Section

-100.0 To 9999. %



8

Incident Energy (eV)

82-Pb-207

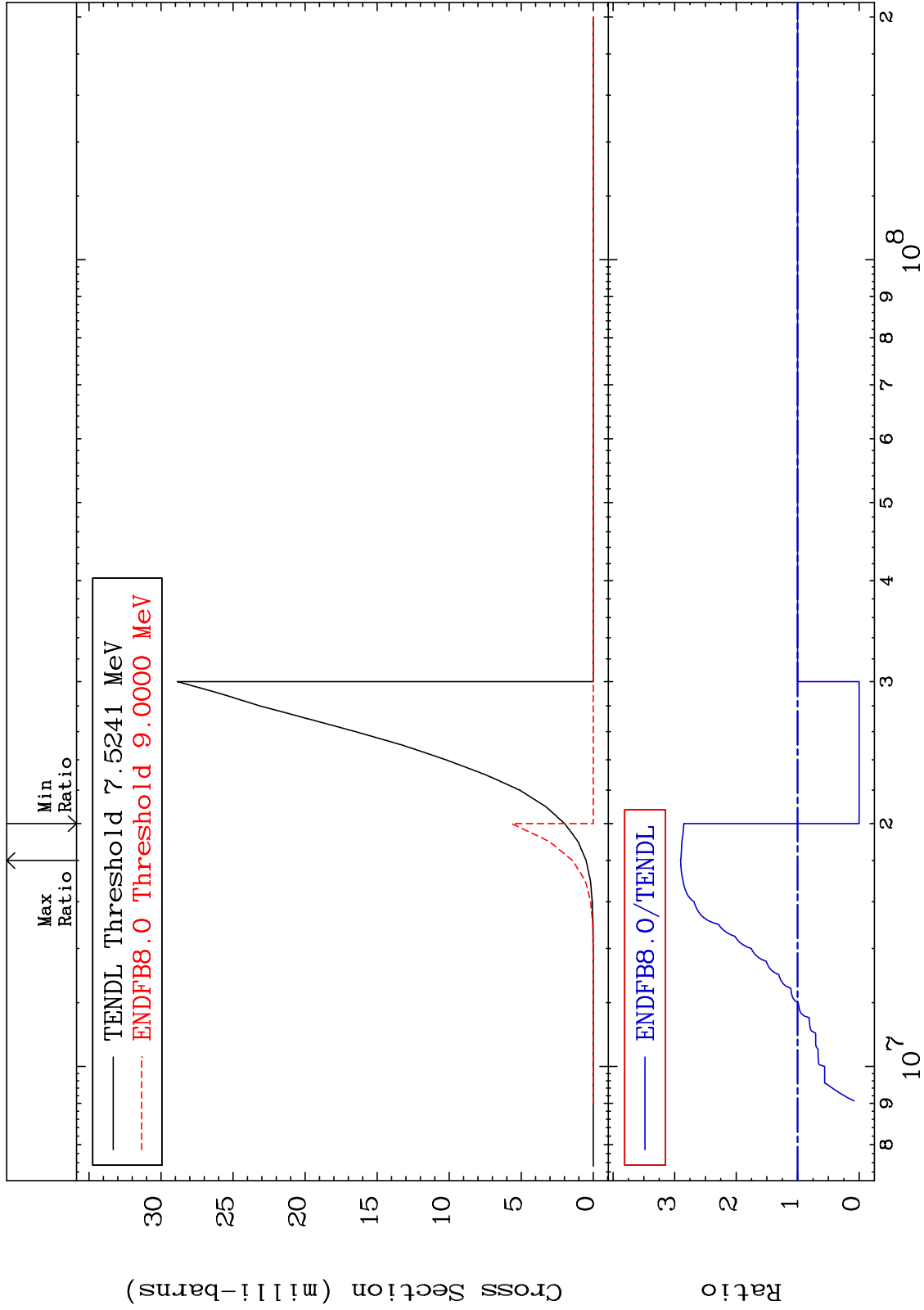
MAT 8234

(n,n') p

82-Pb-207

Cross Section

-100.0 To 190.2 %



9

Incident Energy (eV)

82-Pb-207

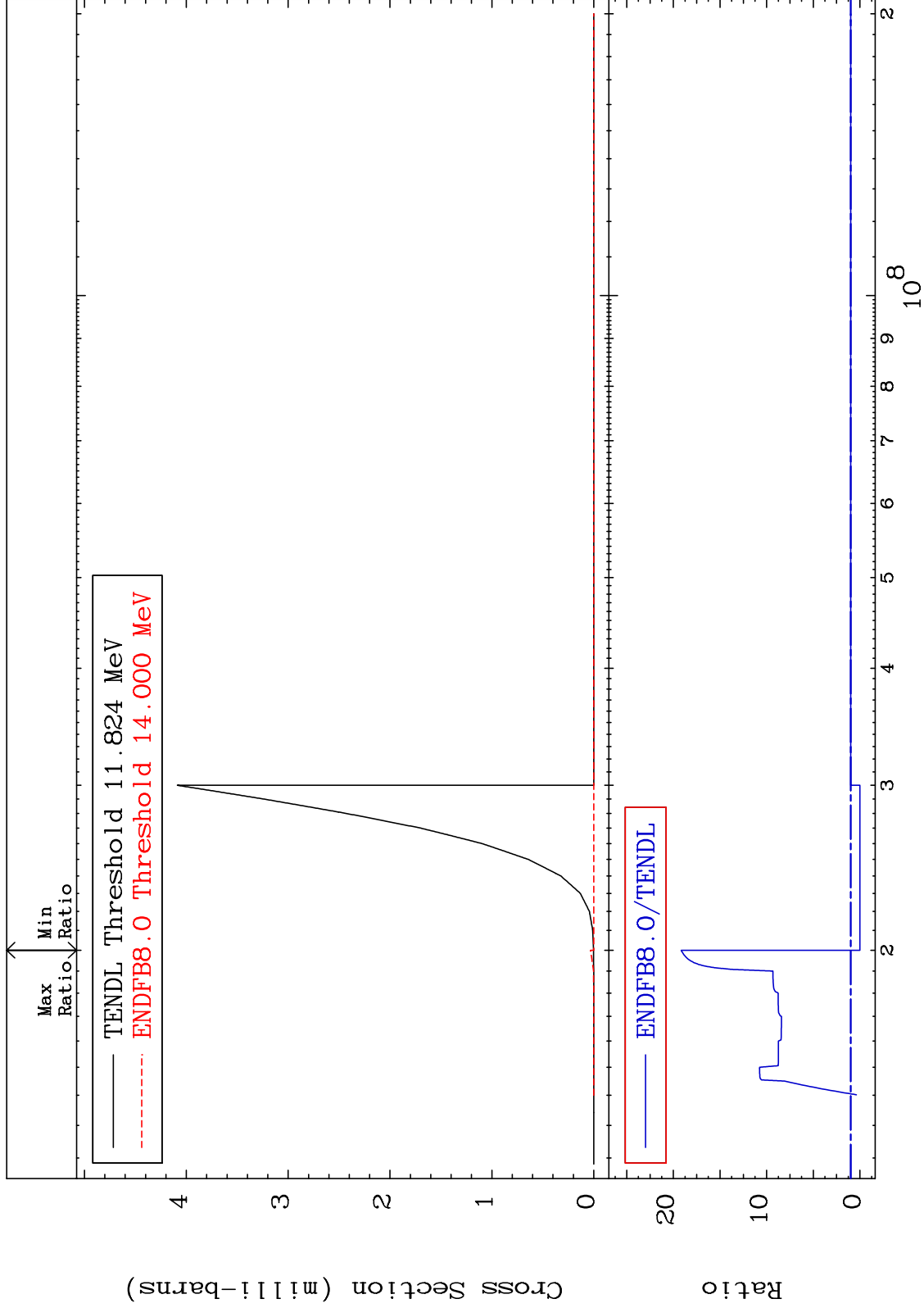
MAT 8234

(n,n') d

82-Pb-207

Cross Section

-100.0 To 1816. %



10

Incident Energy (eV)

82-Pb-207

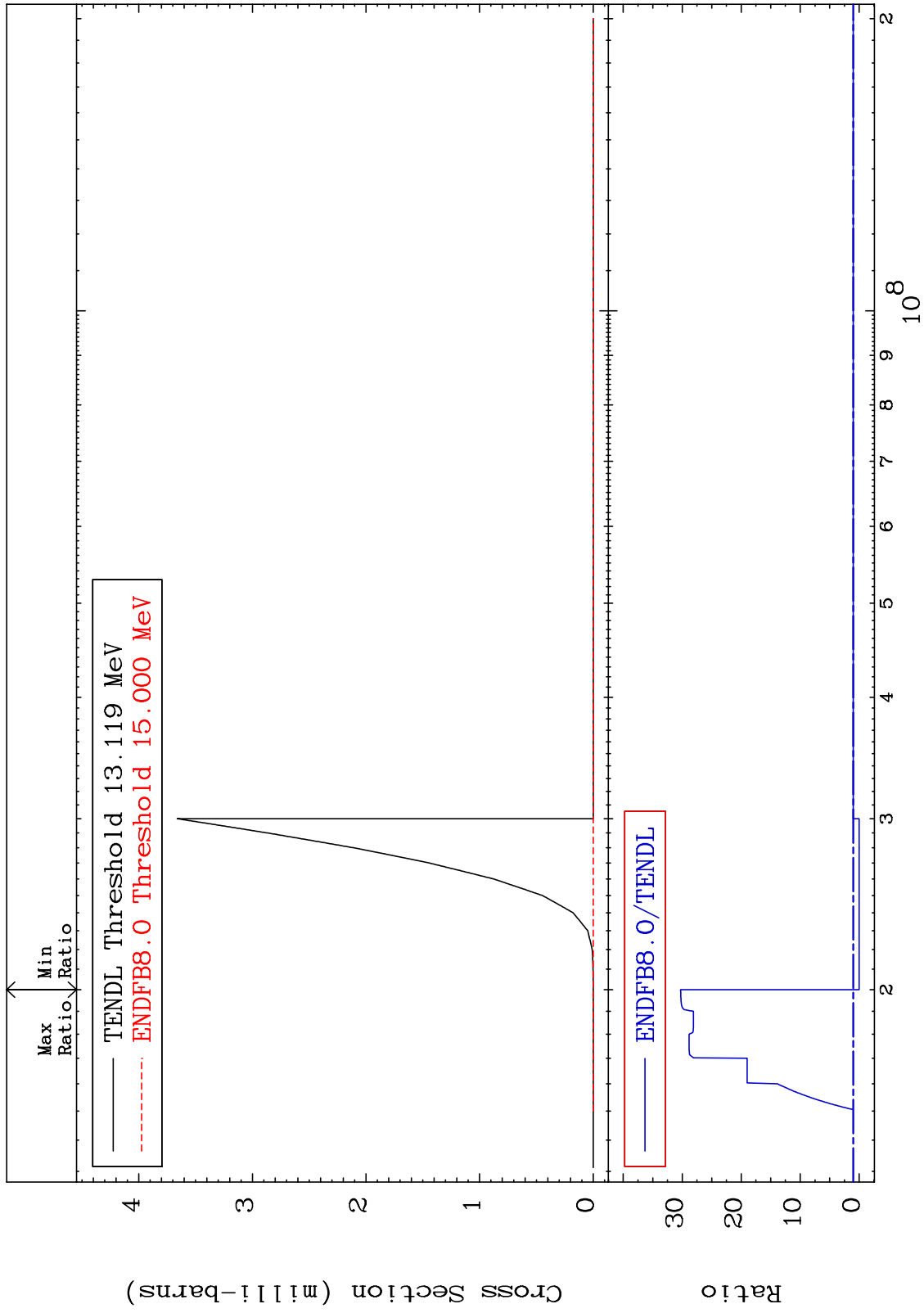
MAT 8234

(n,n') t

82-Pb-207

Cross Section

-100.0 To 2927. %



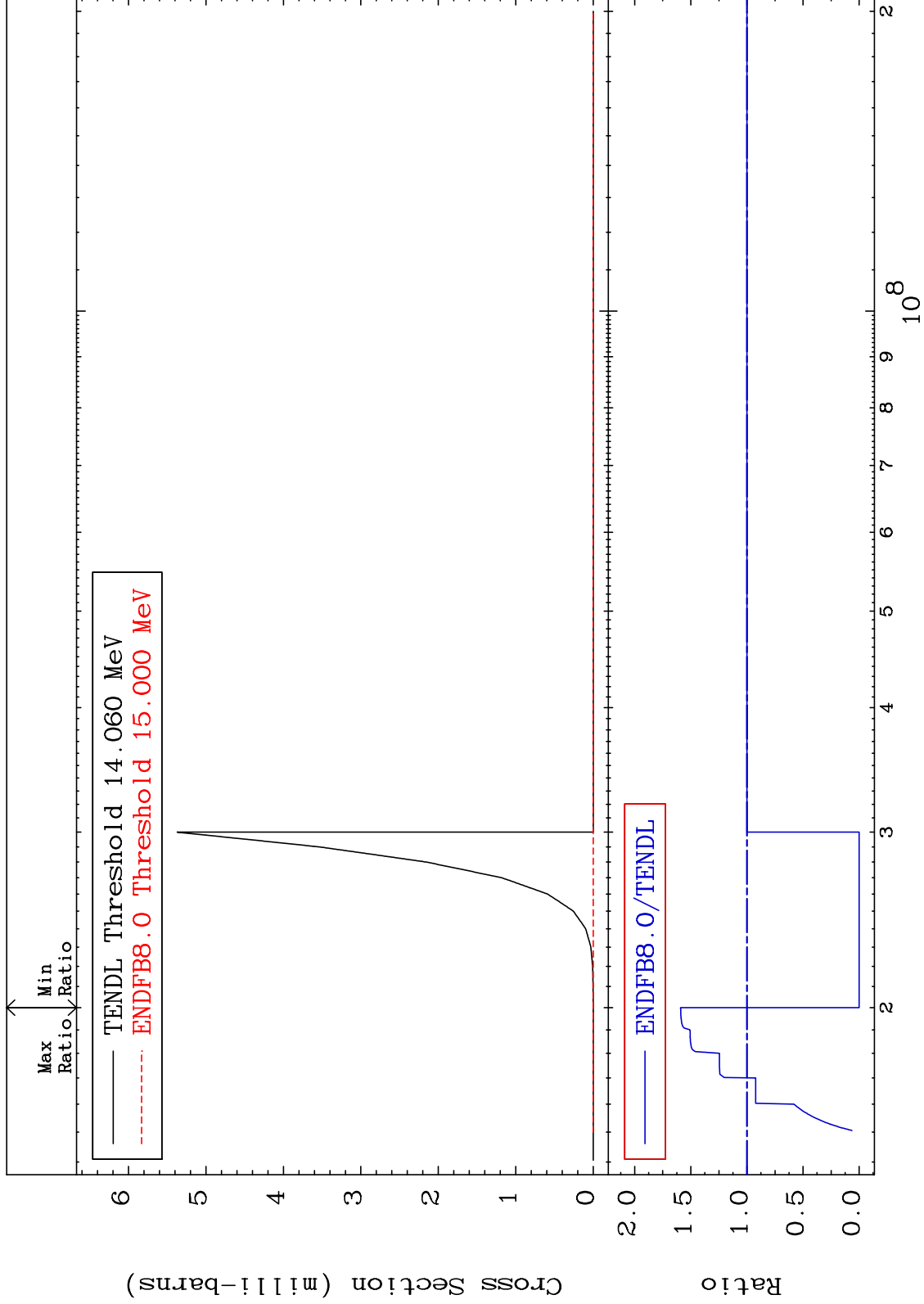
MAT 8234

(n,2n) p

82-Pb-207

Cross Section

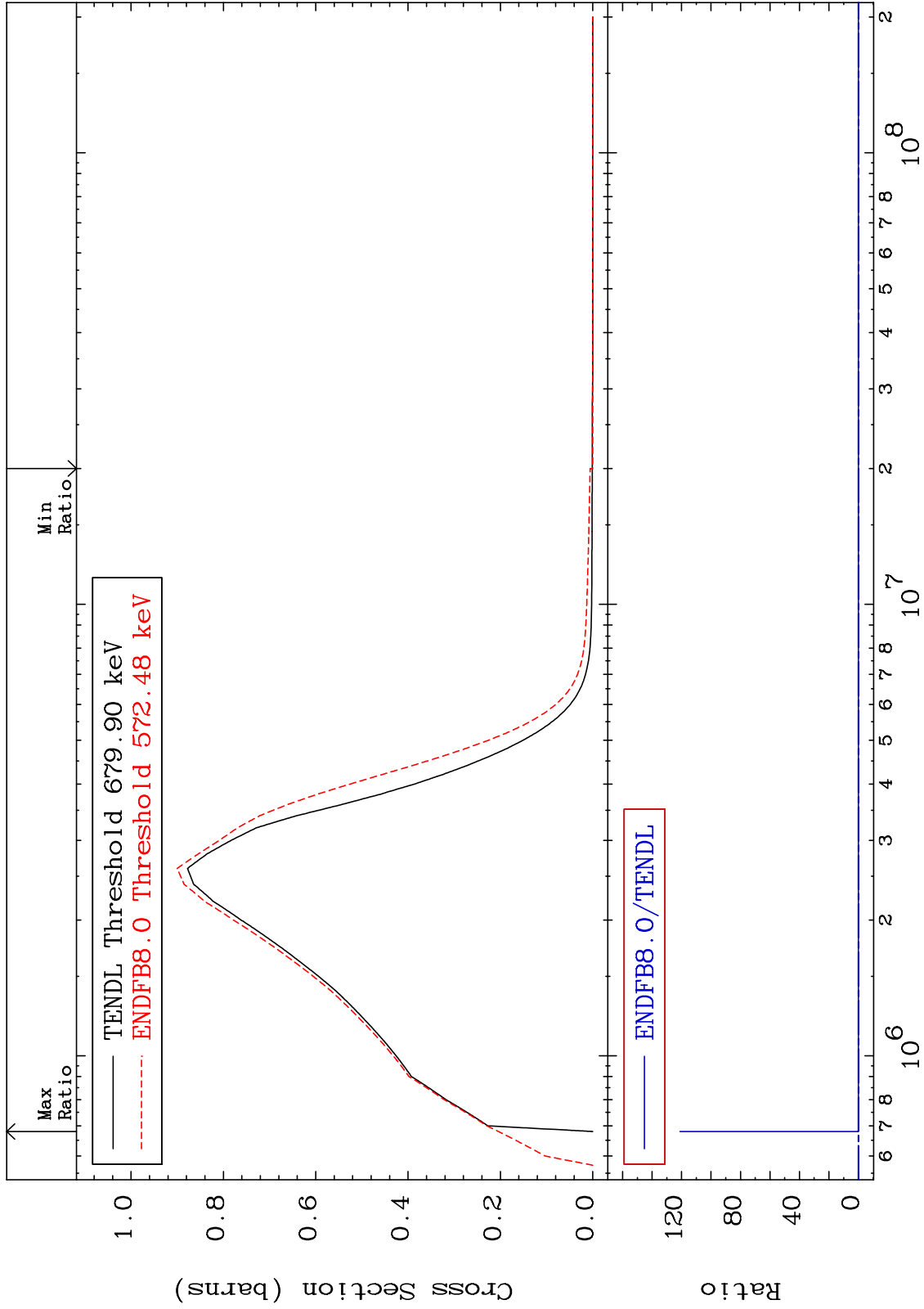
-100.0 To 59.07 %



MAT 8234

MT= 51 (n,n') Level
Cross Section

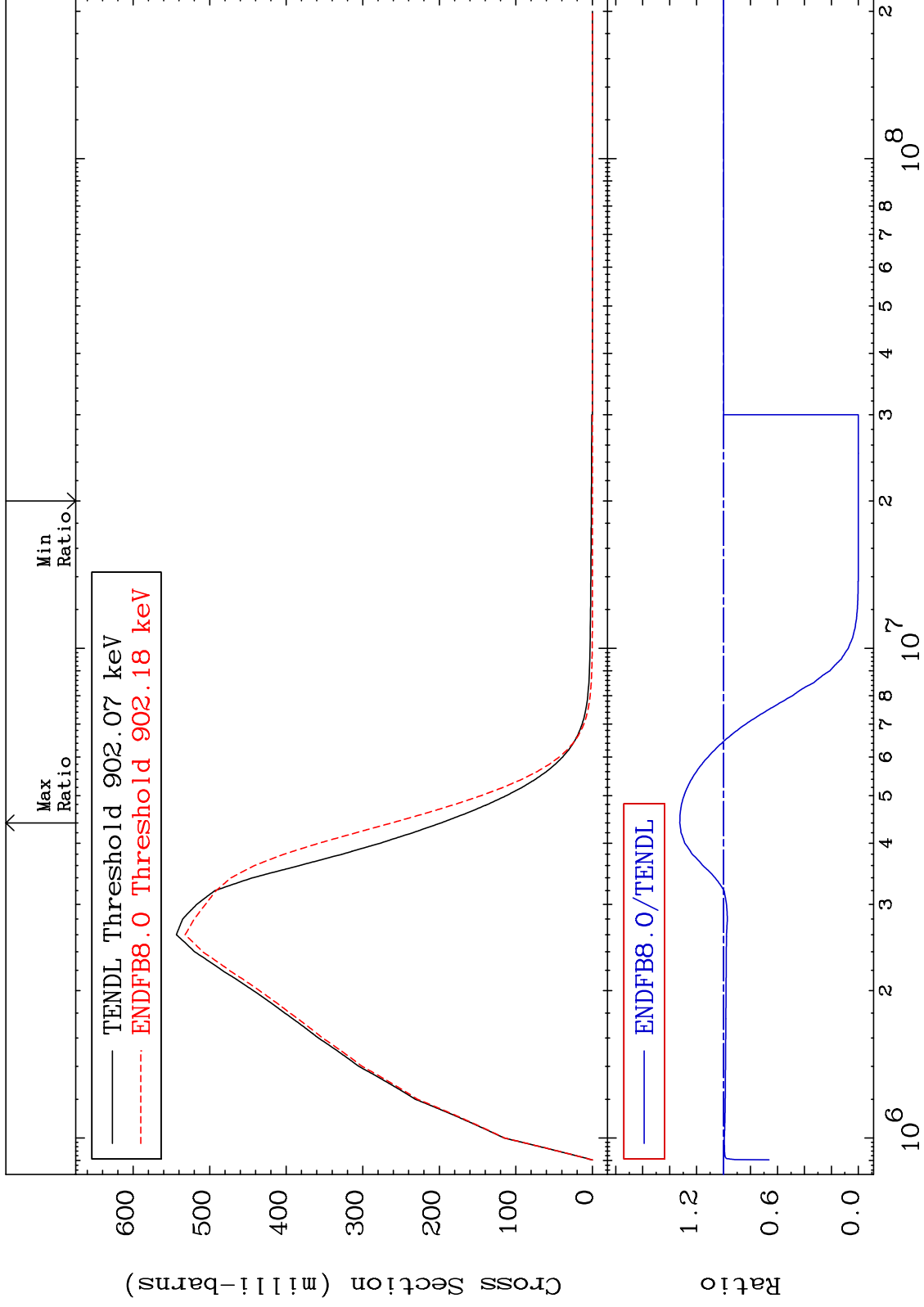
82-Pb-207
-100.0 To 9999. %



MAT 8234

MT= 52 (n,n') Level
Cross Section

82-Pb-207
-100.0 To 32.48 %

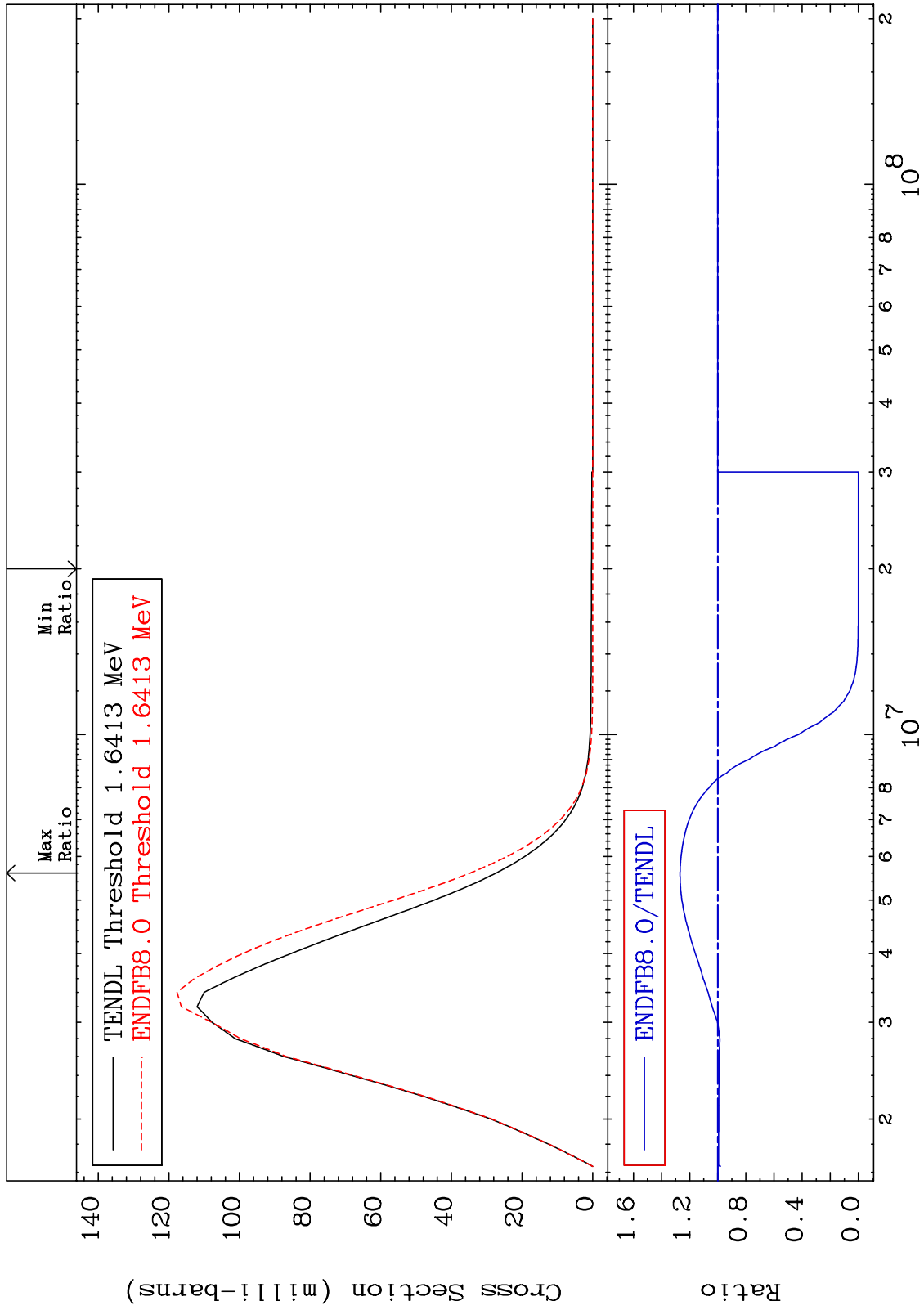


82-Pb-207

MAT 8234

MT= 53 (n,n') Level
Cross Section

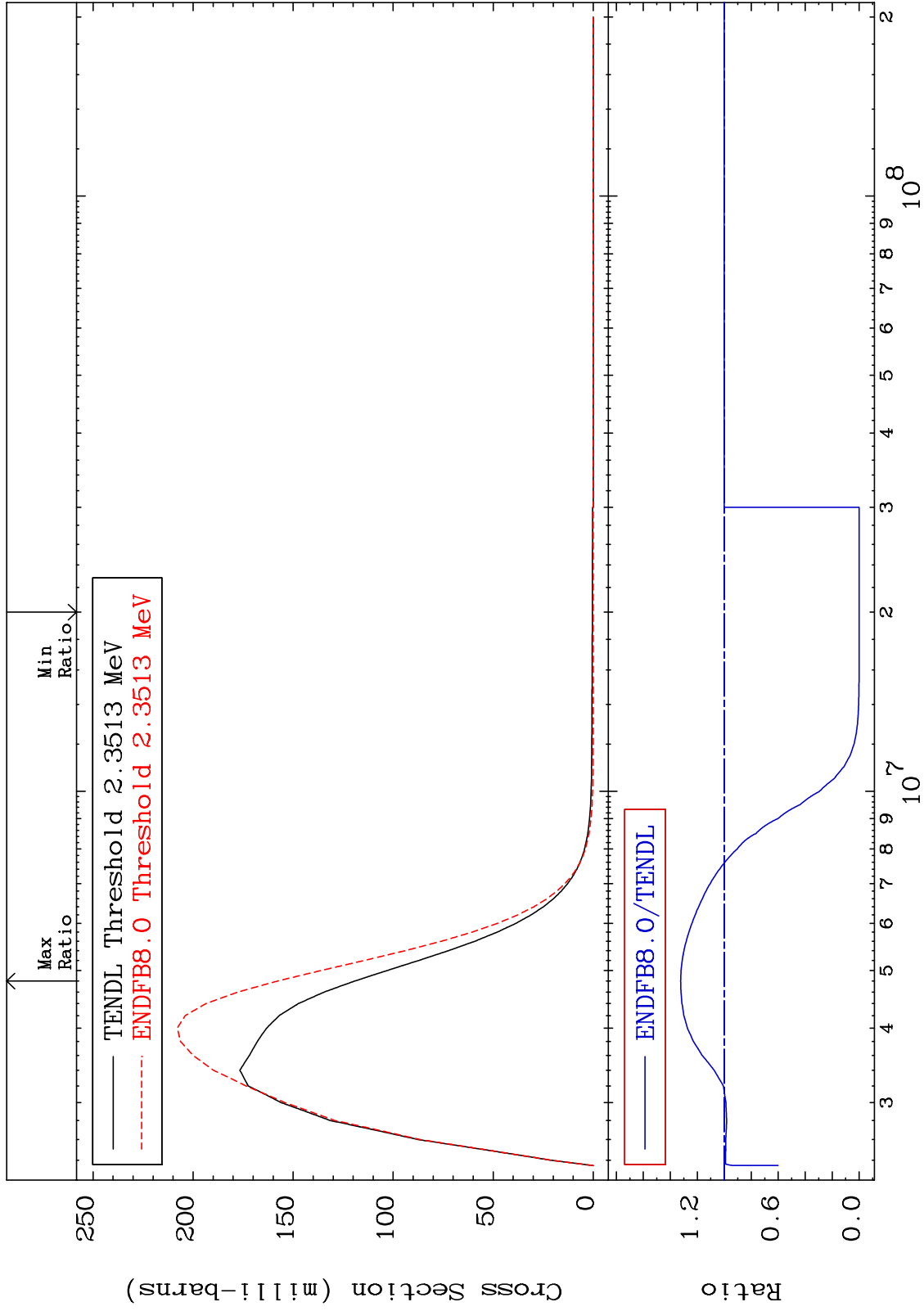
82-Pb-207
-100.0 To 26.86 %



MAT 8234

MT= 54 (n,n') Level
Cross Section

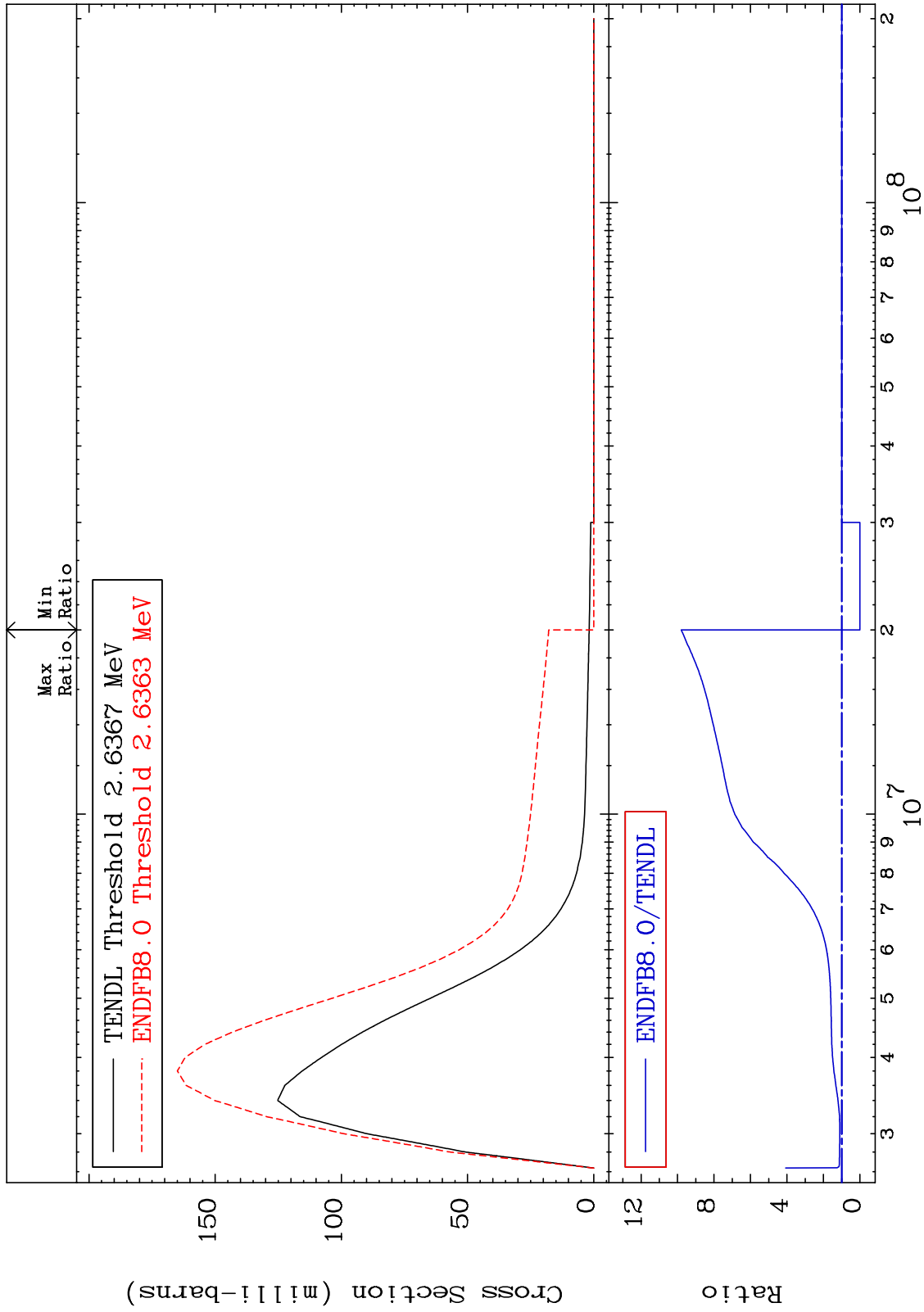
82-Pb-207
-100.0 To 32.34 %



MAT 8234

MT= 55 (n,n') Level
Cross Section

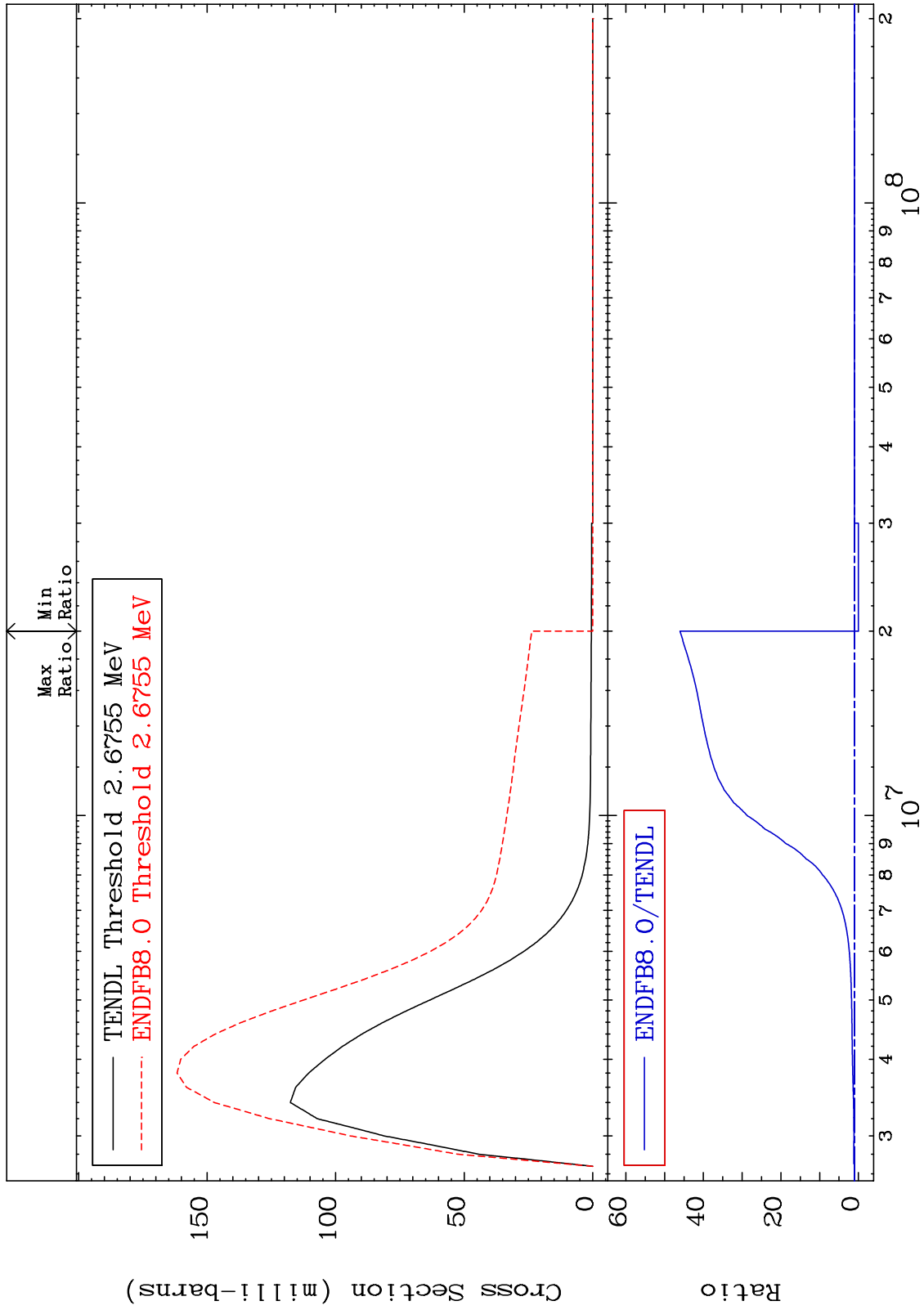
82-Pb-207
-100.0 To 879.8 %



MAT 8234

MT= 56 (n,n') Level
Cross Section

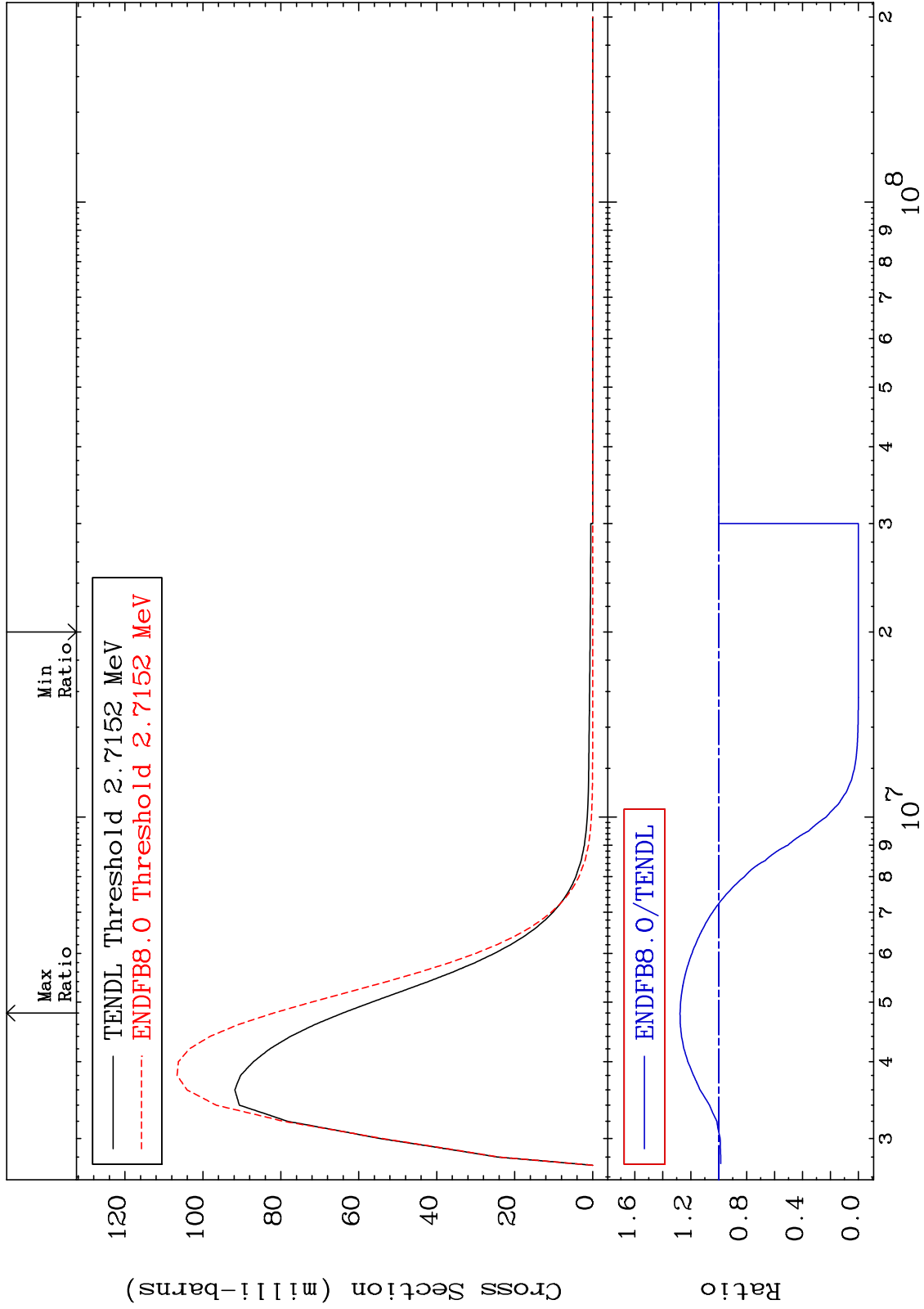
82-Pb-207
-100.0 To 4503. %



MAT 8234

MT= 57 (n,n') Level
Cross Section

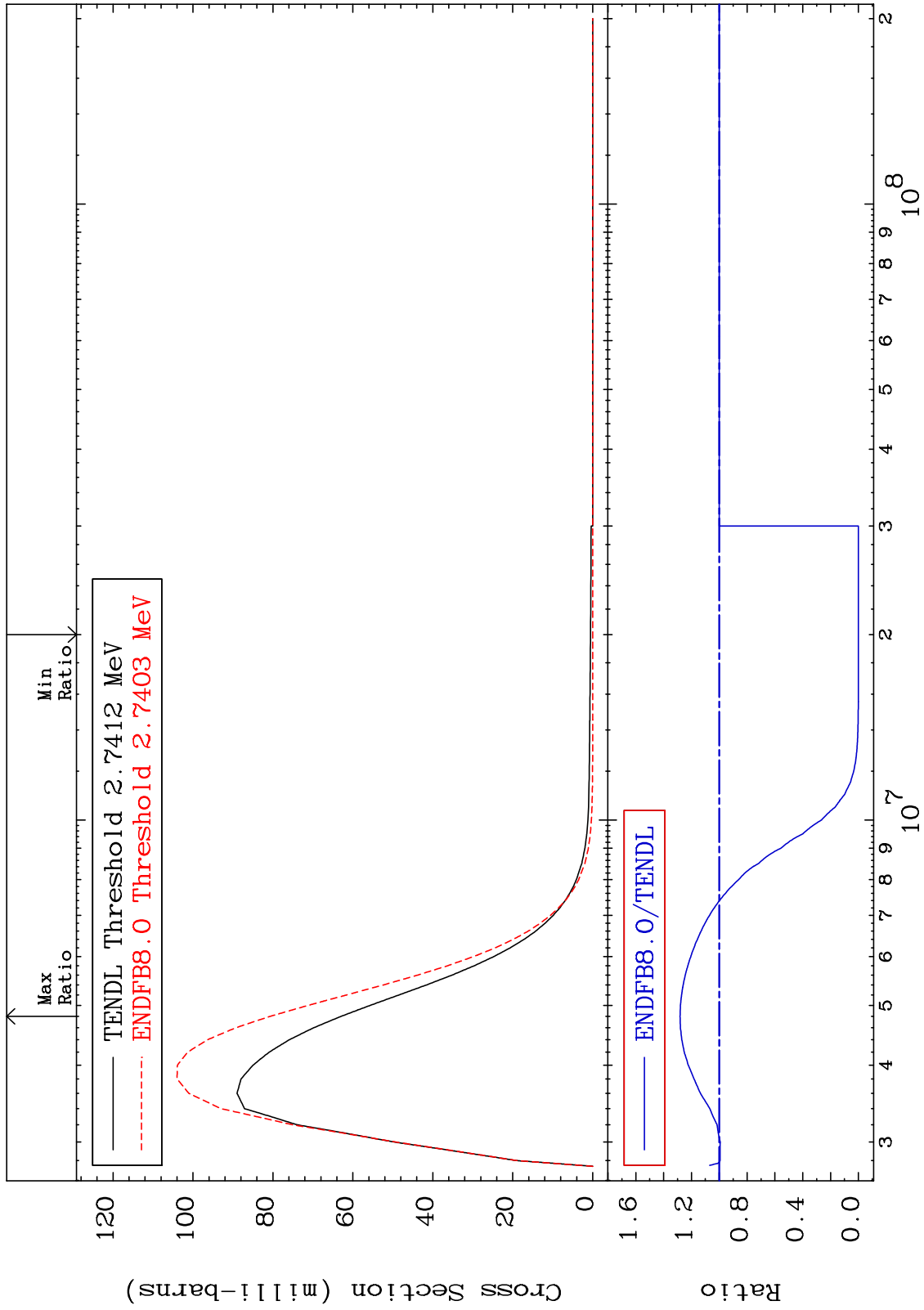
82-Pb-207
-100.0 To 27.68 %



MAT 8234

MT= 58 (n,n') Level
Cross Section

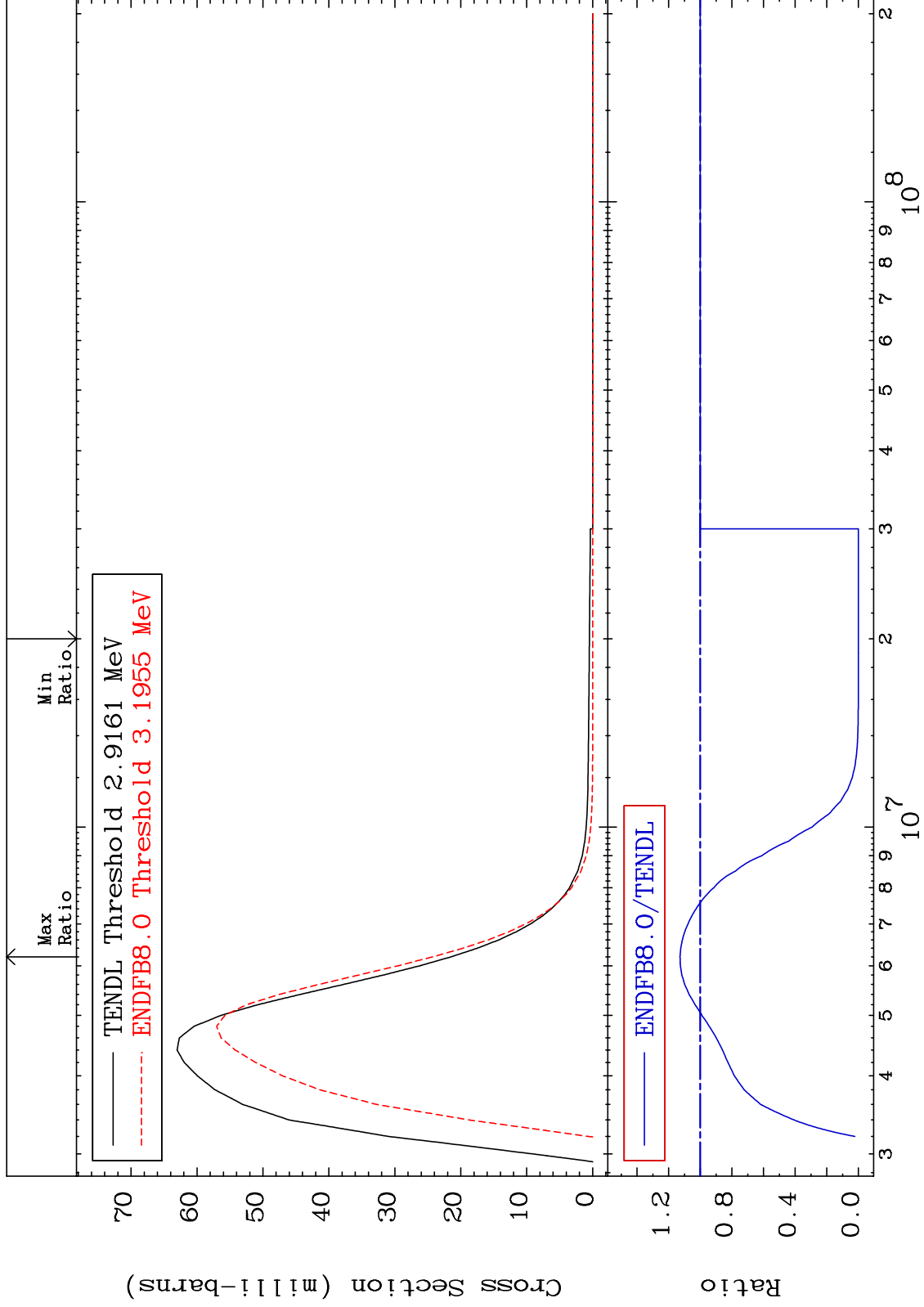
82-Pb-207
-100.0 To 28.21 %



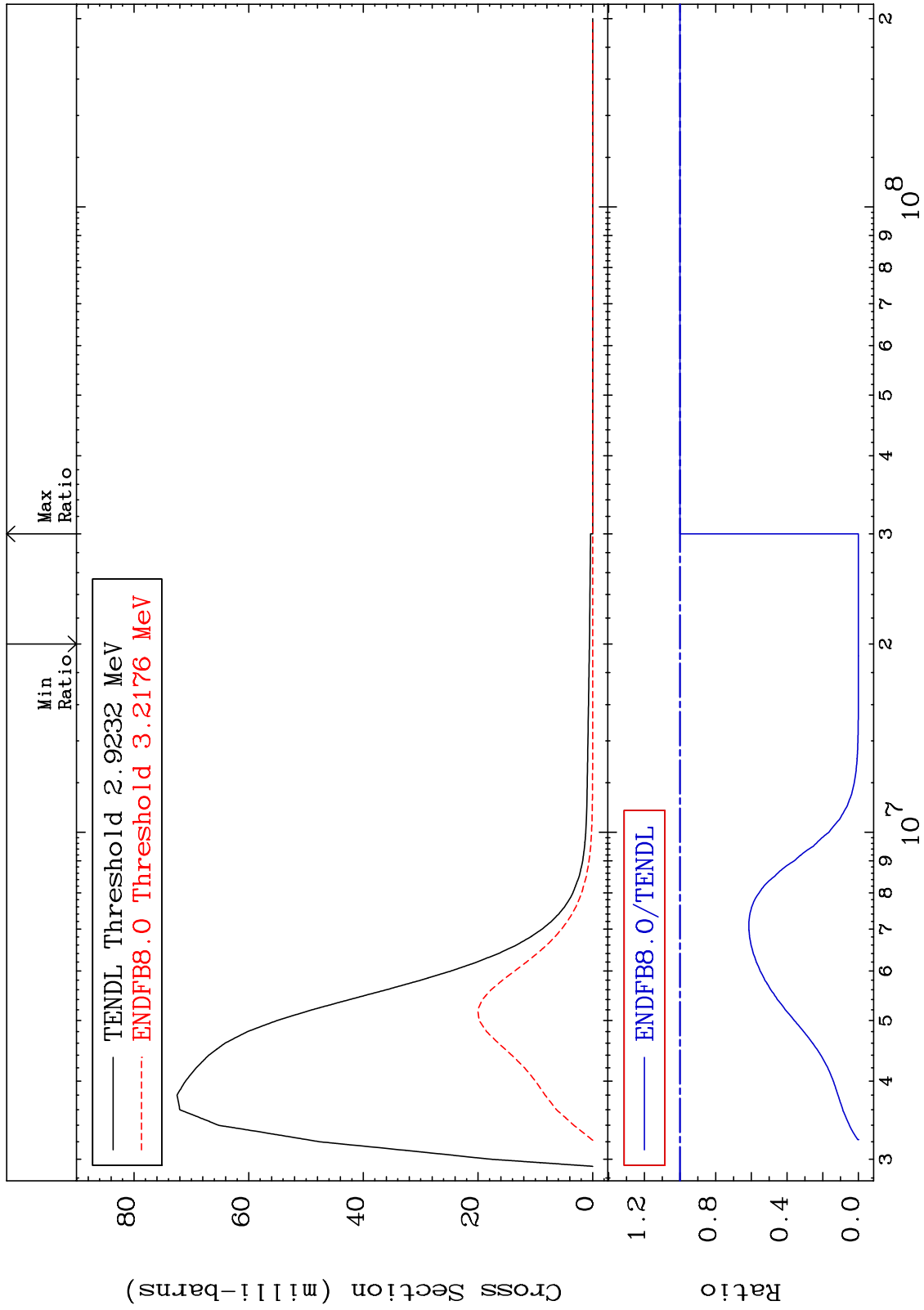
MAT 8234

MT= 59 (n,n') Level
Cross Section

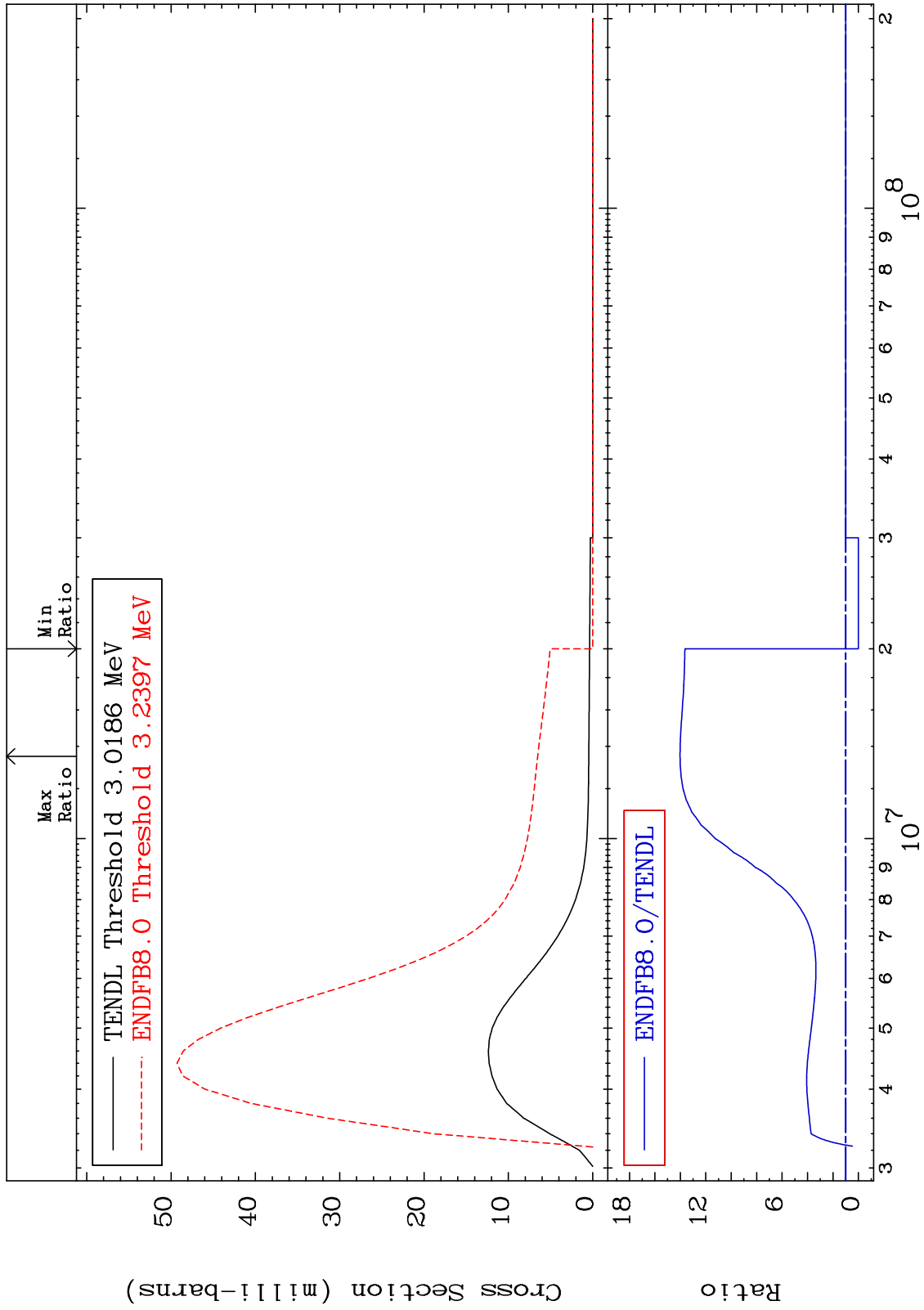
82-Pb-207
-100.0 To 12.84 %



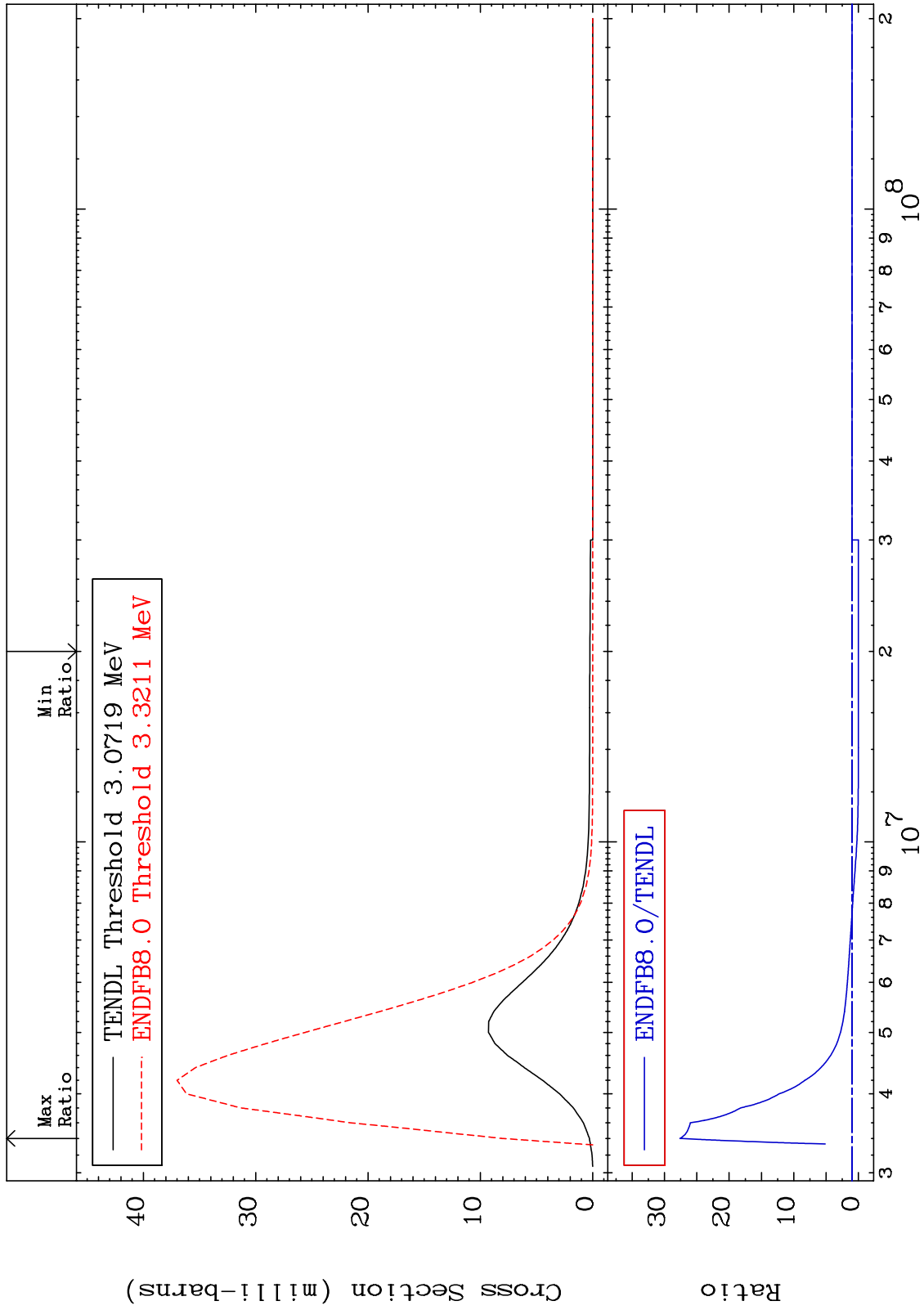
MAT 8234 MT= 60 (n,n') Level Cross Section 82-Pb-207 -100.0 To 0.000 %



MAT 8234 MT= 61 (n,n') Level Cross Section -100.0 To 1303. % 82-Pb-207

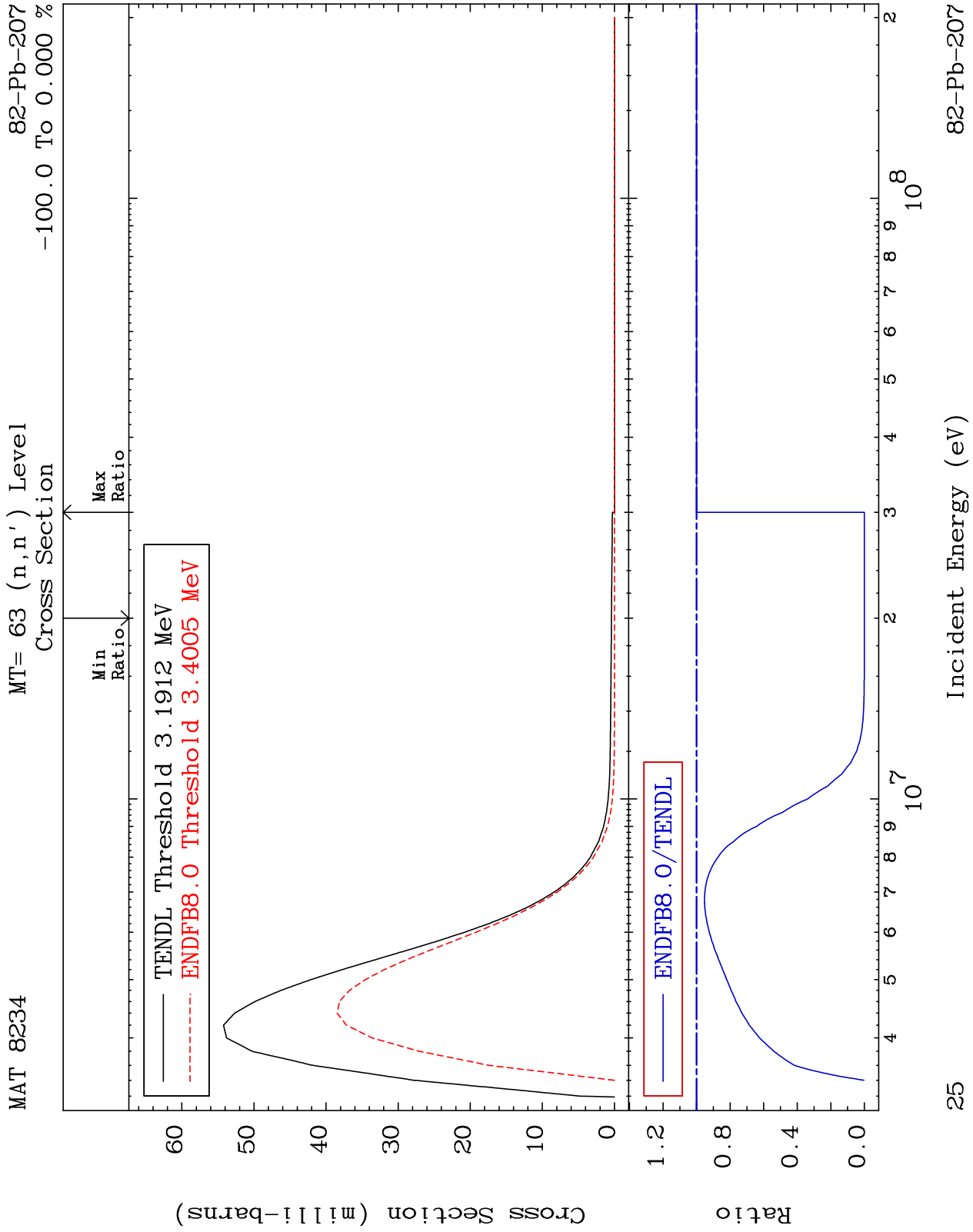


MAT 8234 MT= 62 (n,n') Level Cross Section 82-Pb-207
 -100.0 To 2659. %

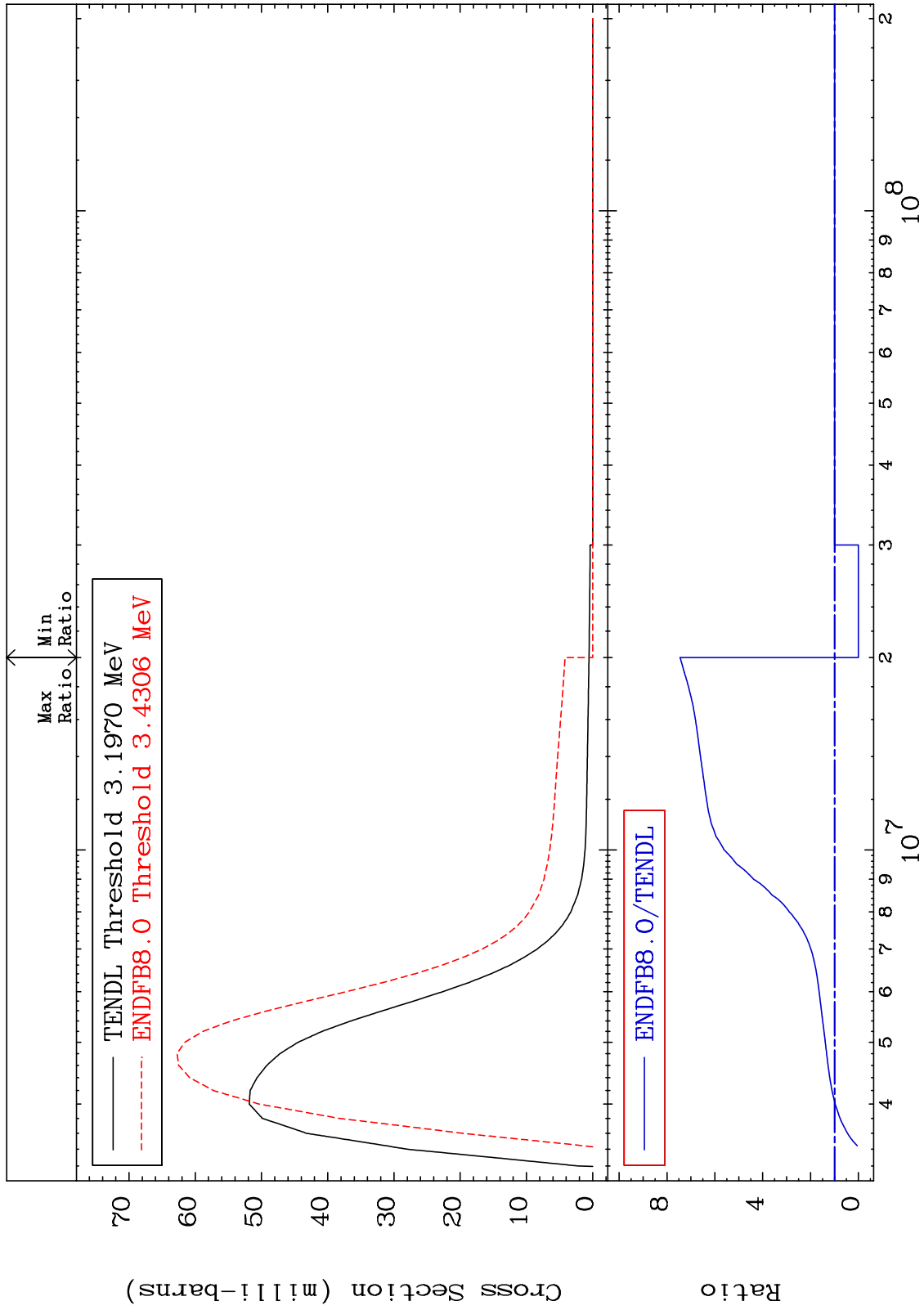


82-Pb-207

Incident Energy (eV)



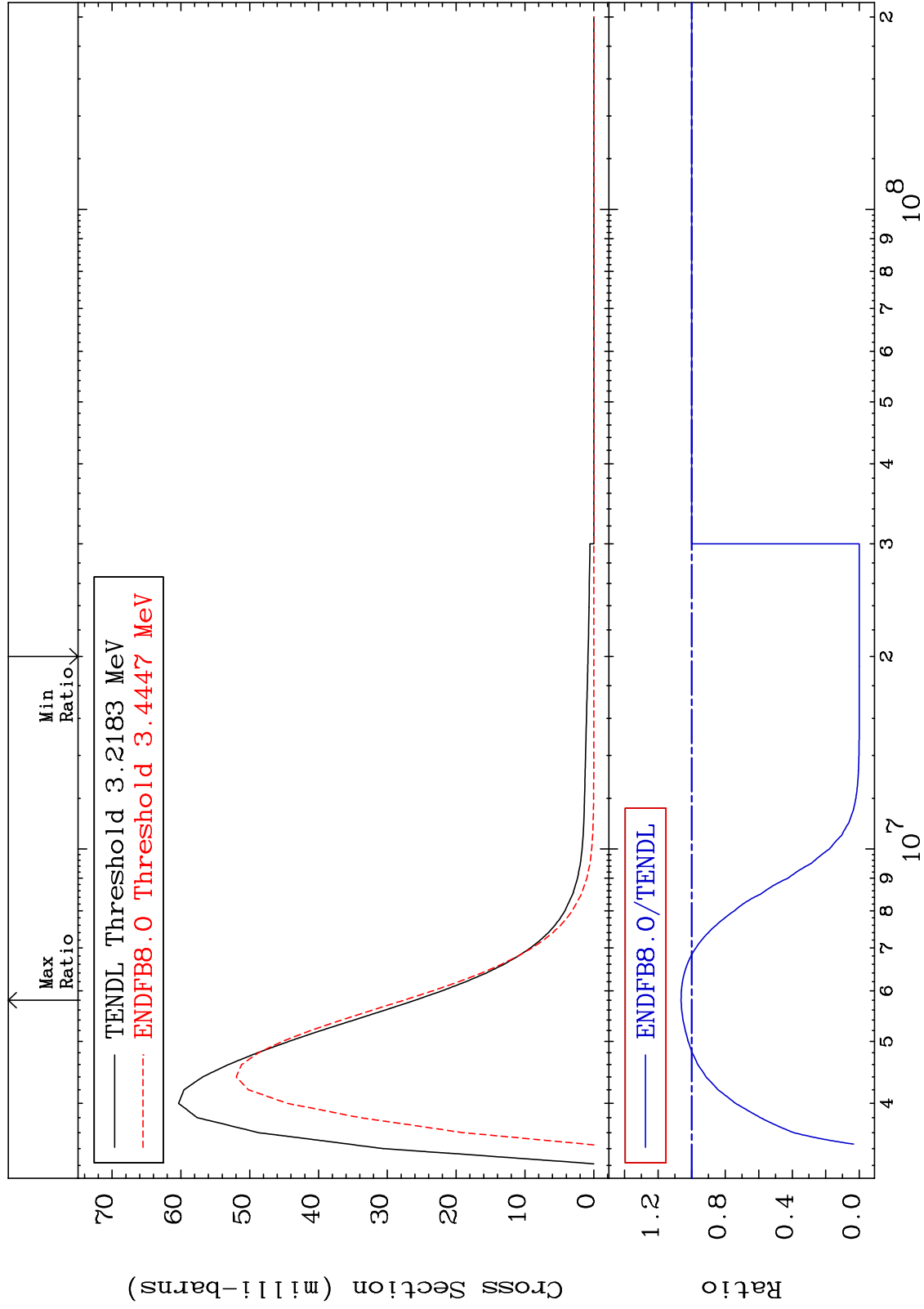
MAT 8234 MT= 64 (n,n') Level Cross Section 82-Pb-207
 -100.0 To 645.6 %

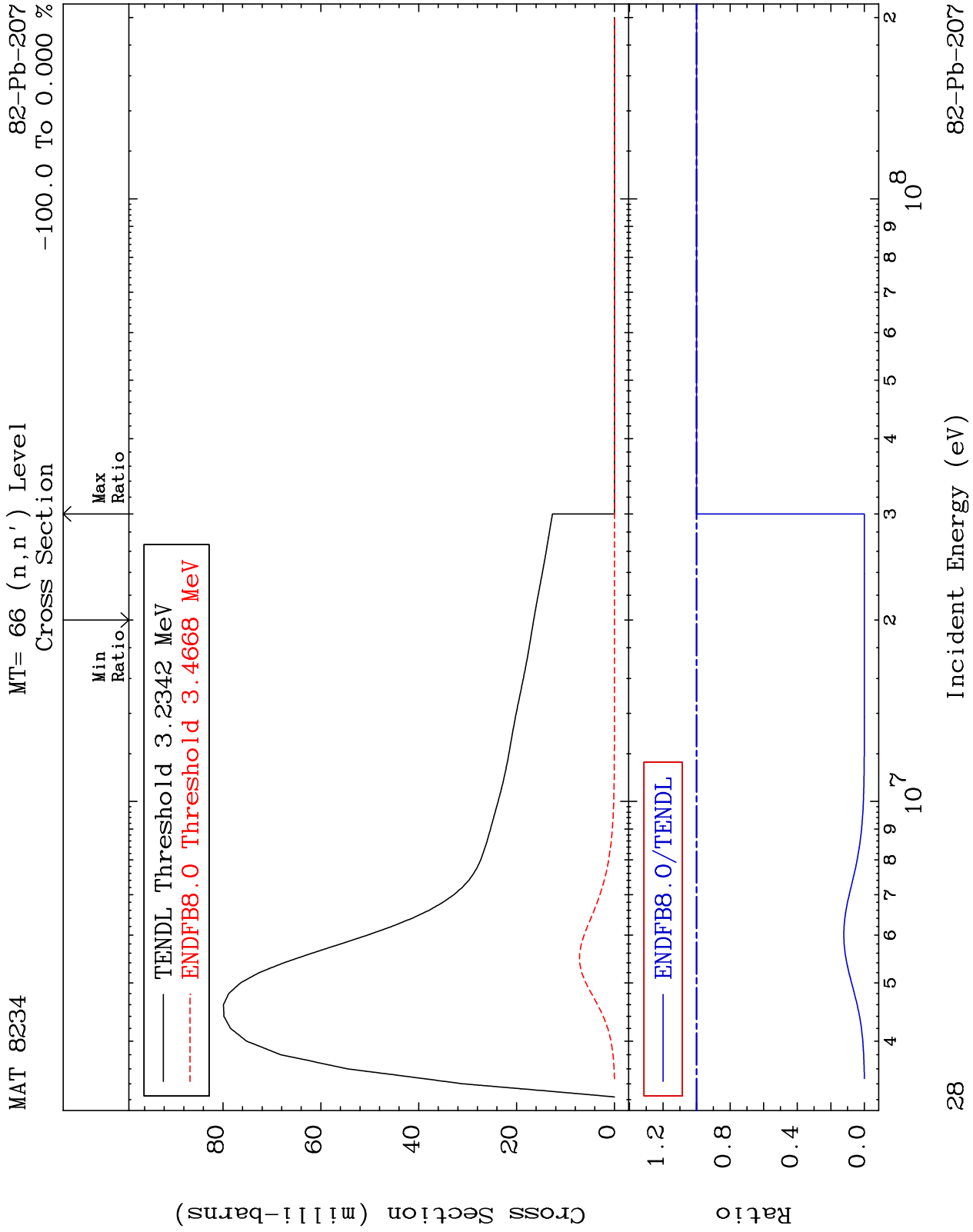


MAT 8234

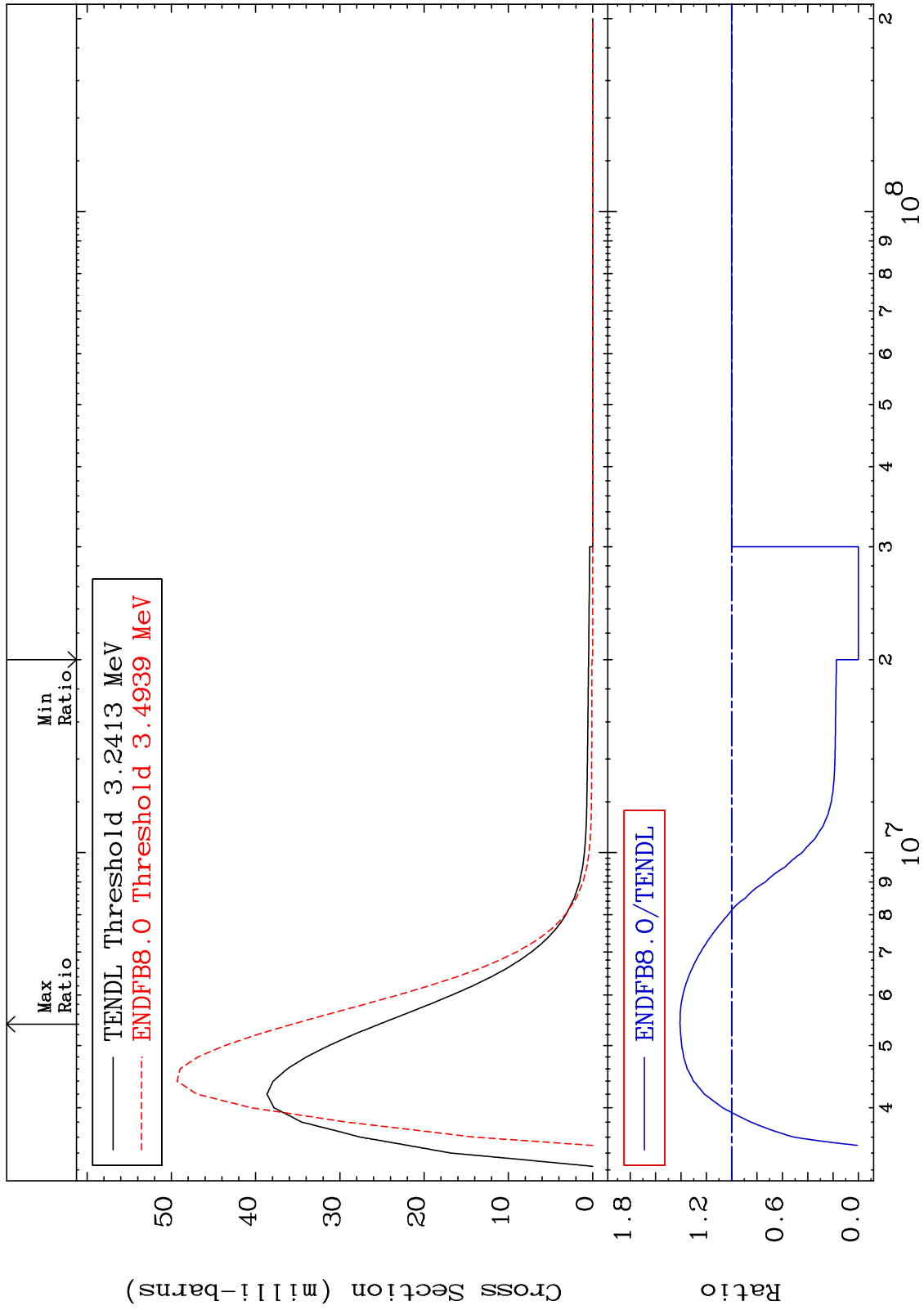
MT= 65 (n,n') Level
Cross Section

82-Pb-207
-100.0 To 6.343 %





MAT 8234 MT= 67 (n,n') Level
 Cross Section 82-Pb-207
 -100.0 To 40.74 %

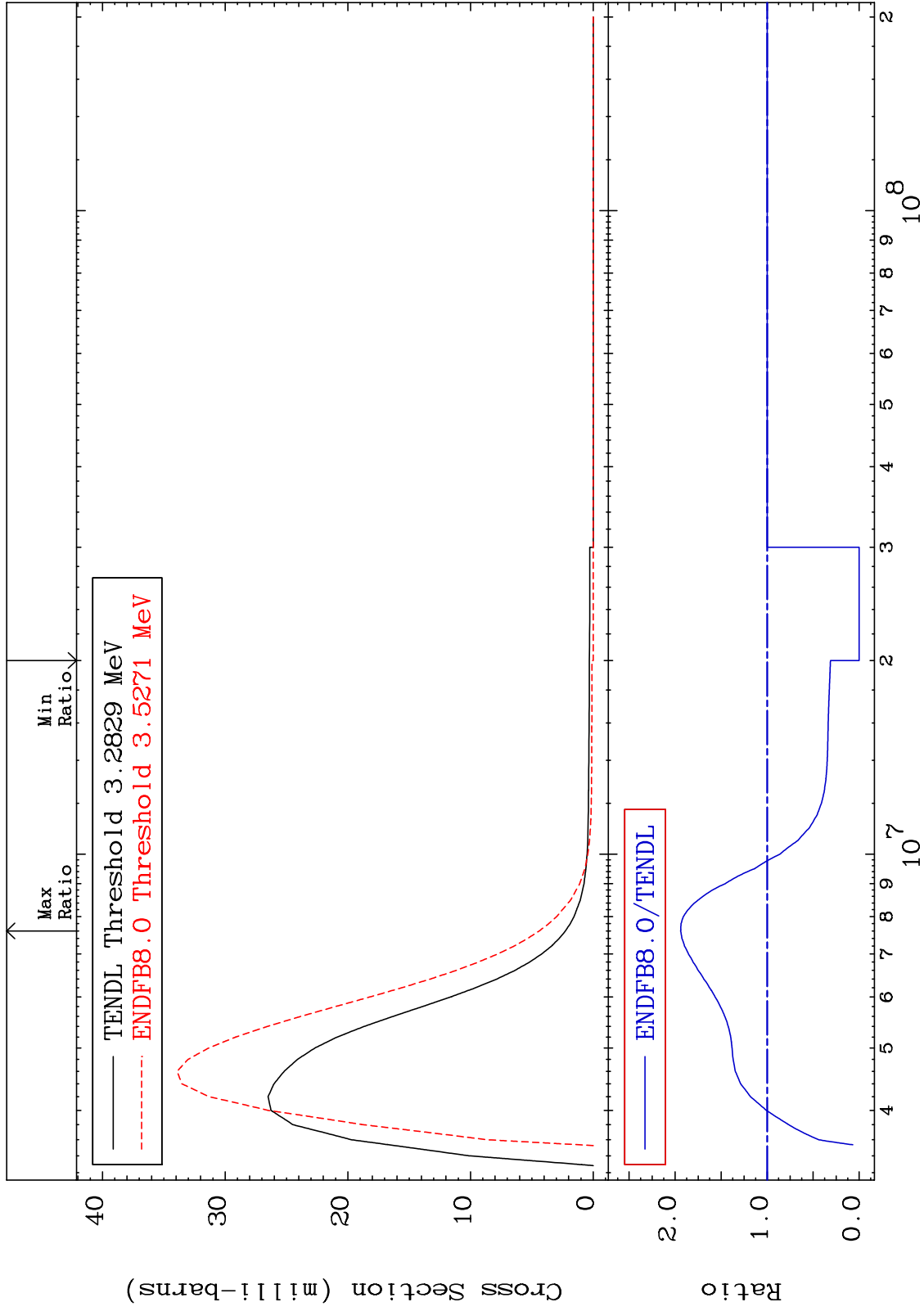


Incident Energy (eV) 82-Pb-207

MAT 8234

MT= 68 (n,n') Level
Cross Section

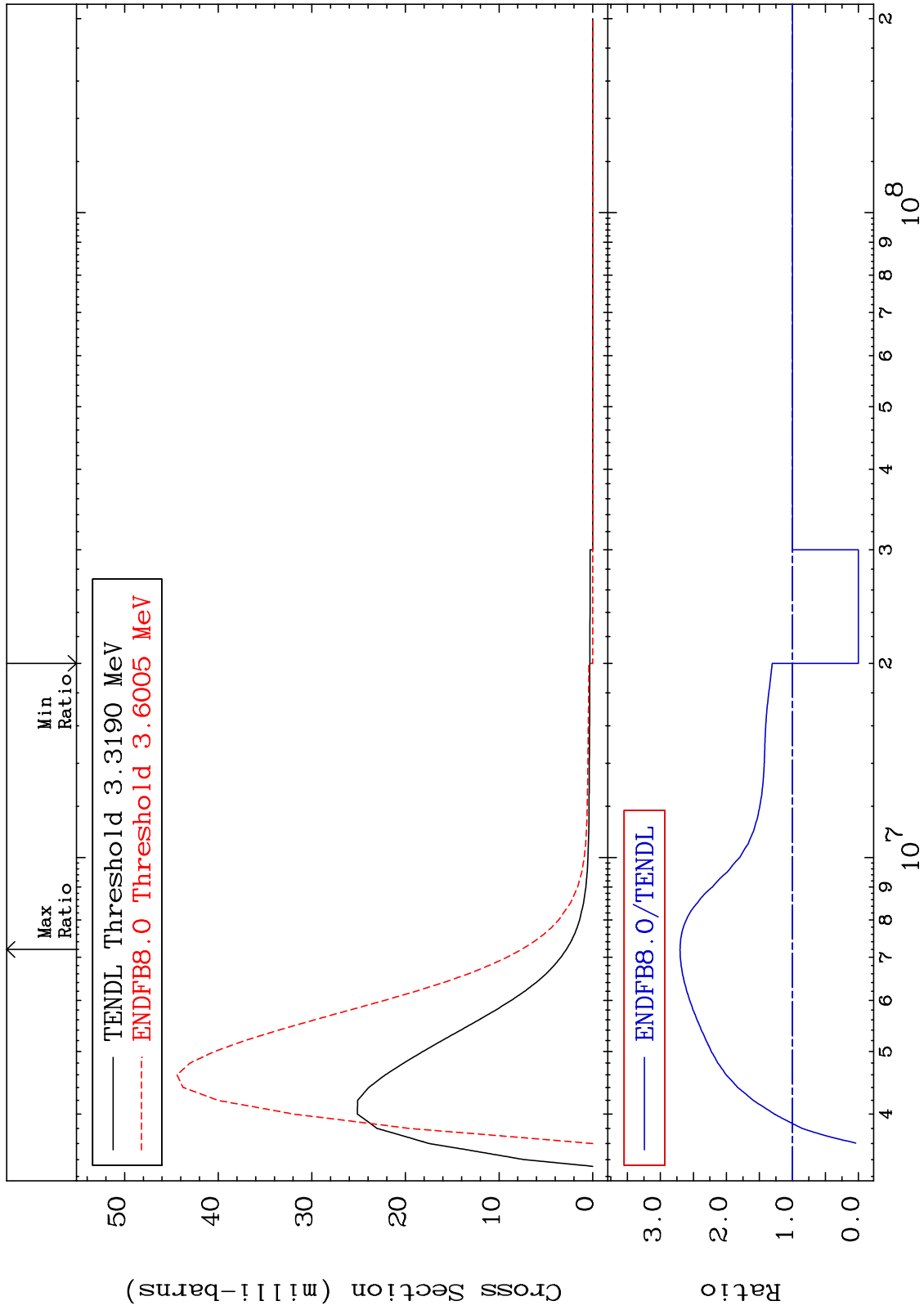
82-Pb-207
-100.0 To 94.05 %



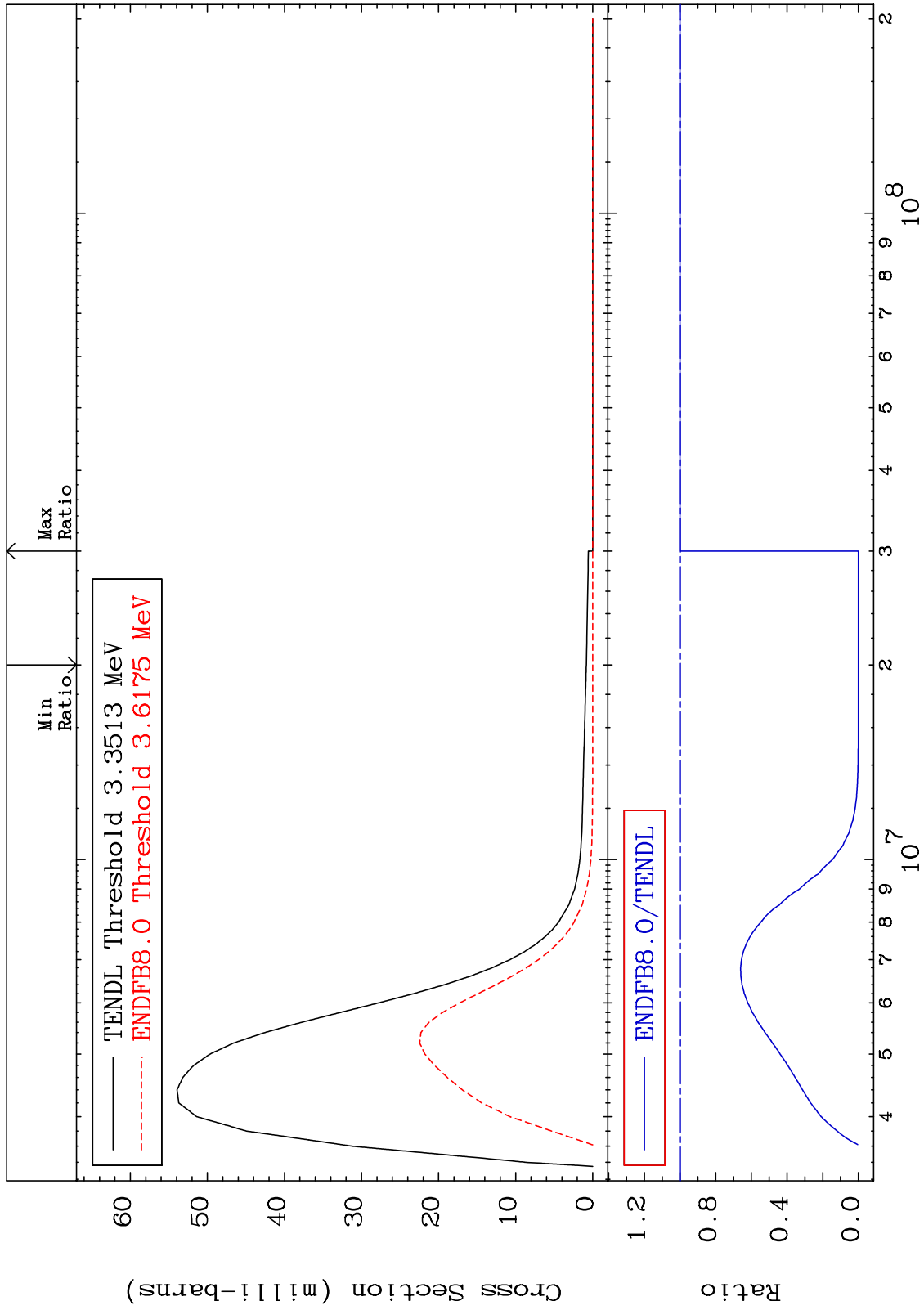
MAT 8234

MT= 69 (n,n') Level
Cross Section

82-Pb-207
-100.0 To 170.2 %



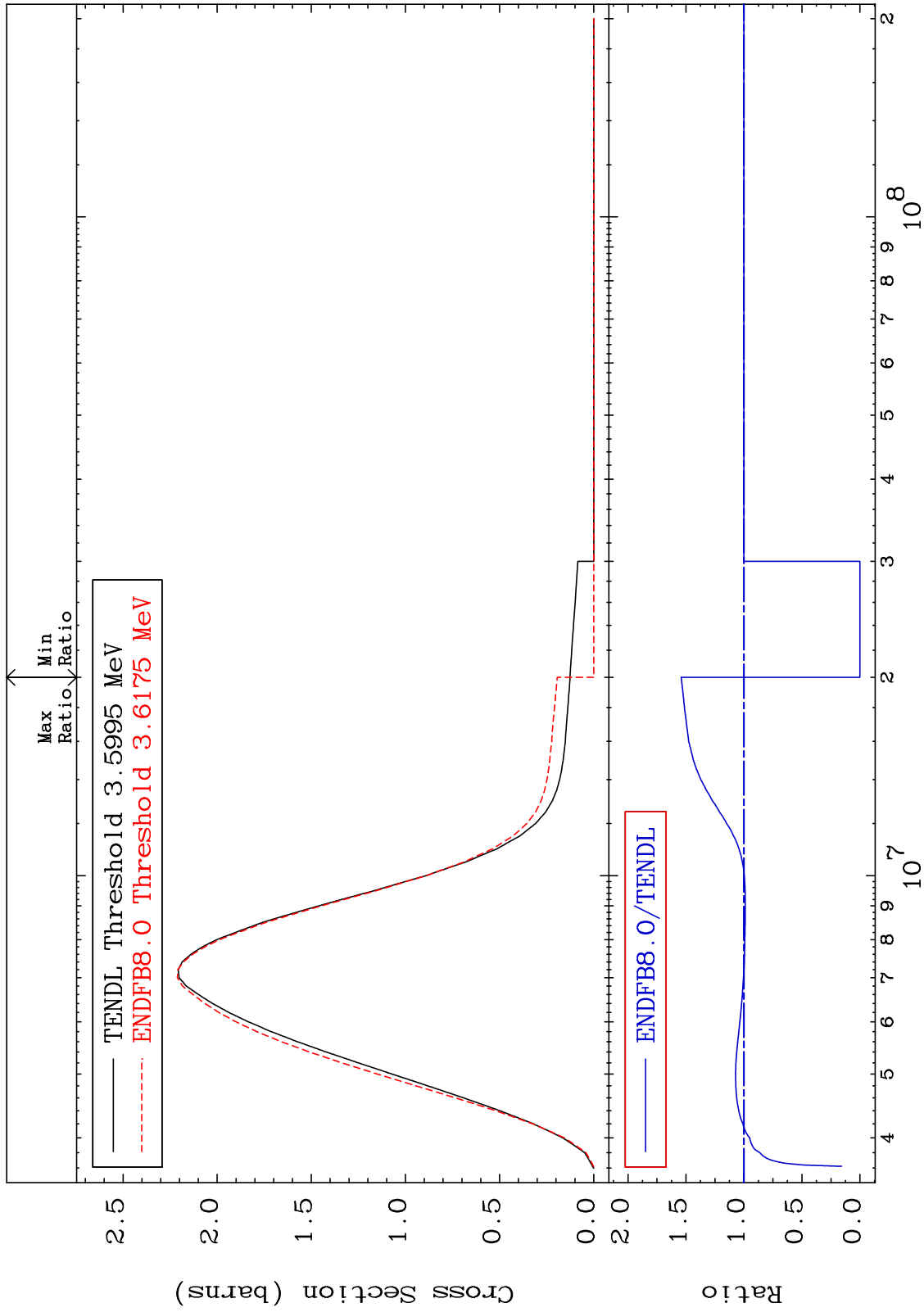
MAT 8234 MT= 70 (n,n') Level Cross Section 82-Pb-207
 -100.0 To 0.000 %



MAT 8234

(n, n') Continuum
Cross Section

82-Pb-207
-100.0 To 54.10 %

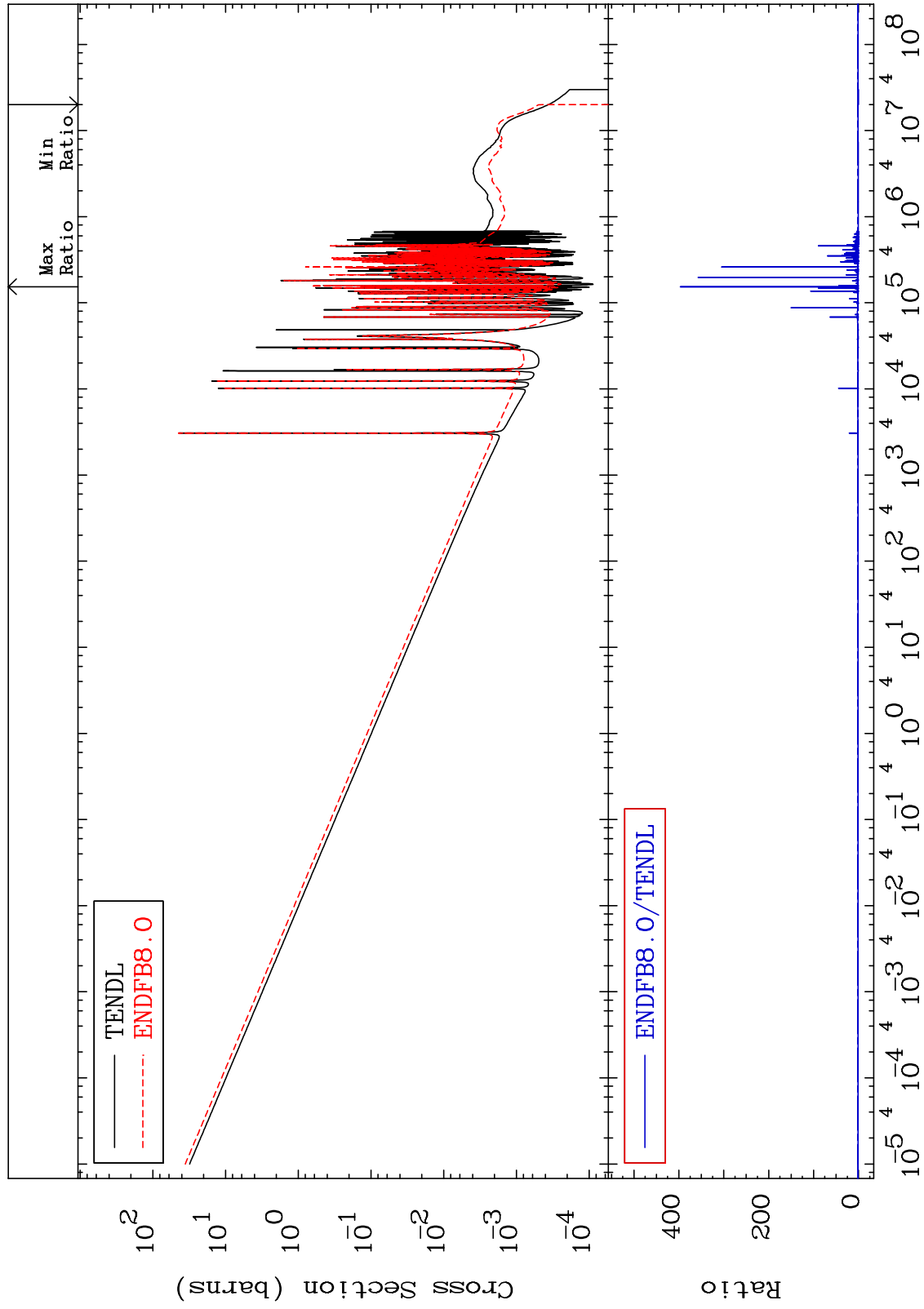


MAT 8234

(n, γ)
Cross Section

82-Pb-207

-100.0 To 9999. %



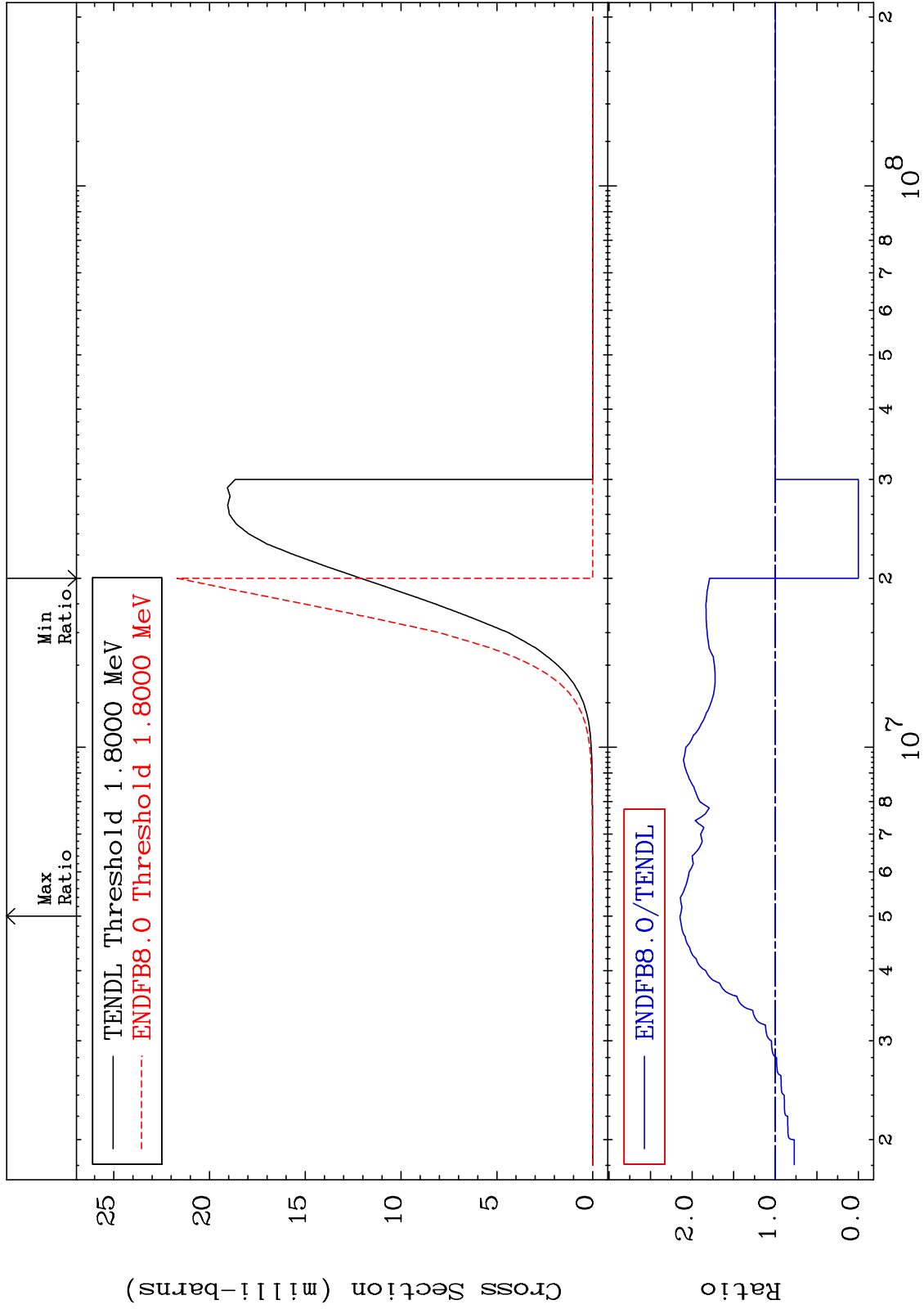
MAT 8234

(n,p)

82-Pb-207

Cross Section

-100.0 To 114.5 %



35

Incident Energy (eV)

82-Pb-207

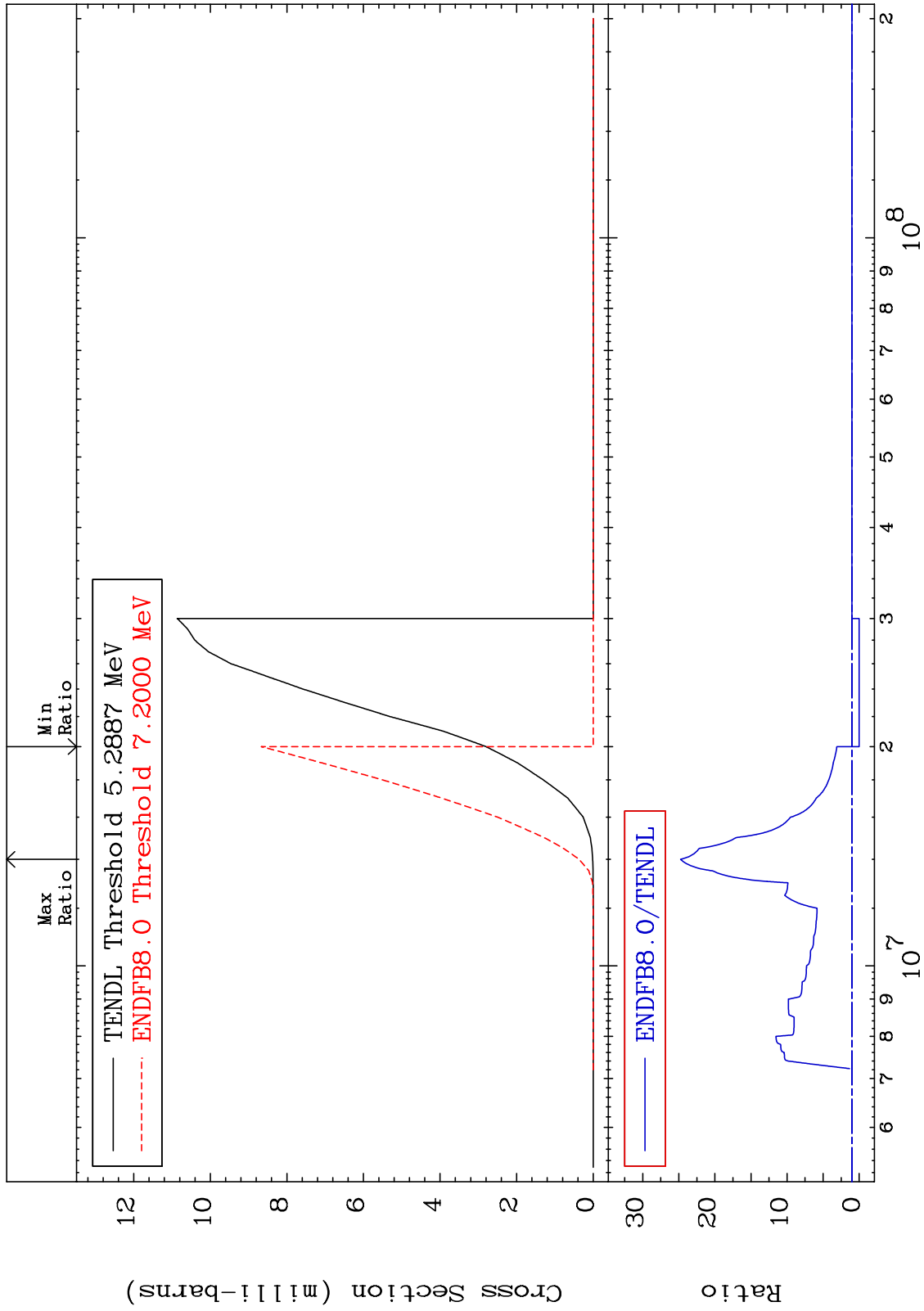
MAT 8234

(n, d)

82-Pb-207

Cross Section

-100.0 To 2375. %



36

Incident Energy (eV)

82-Pb-207

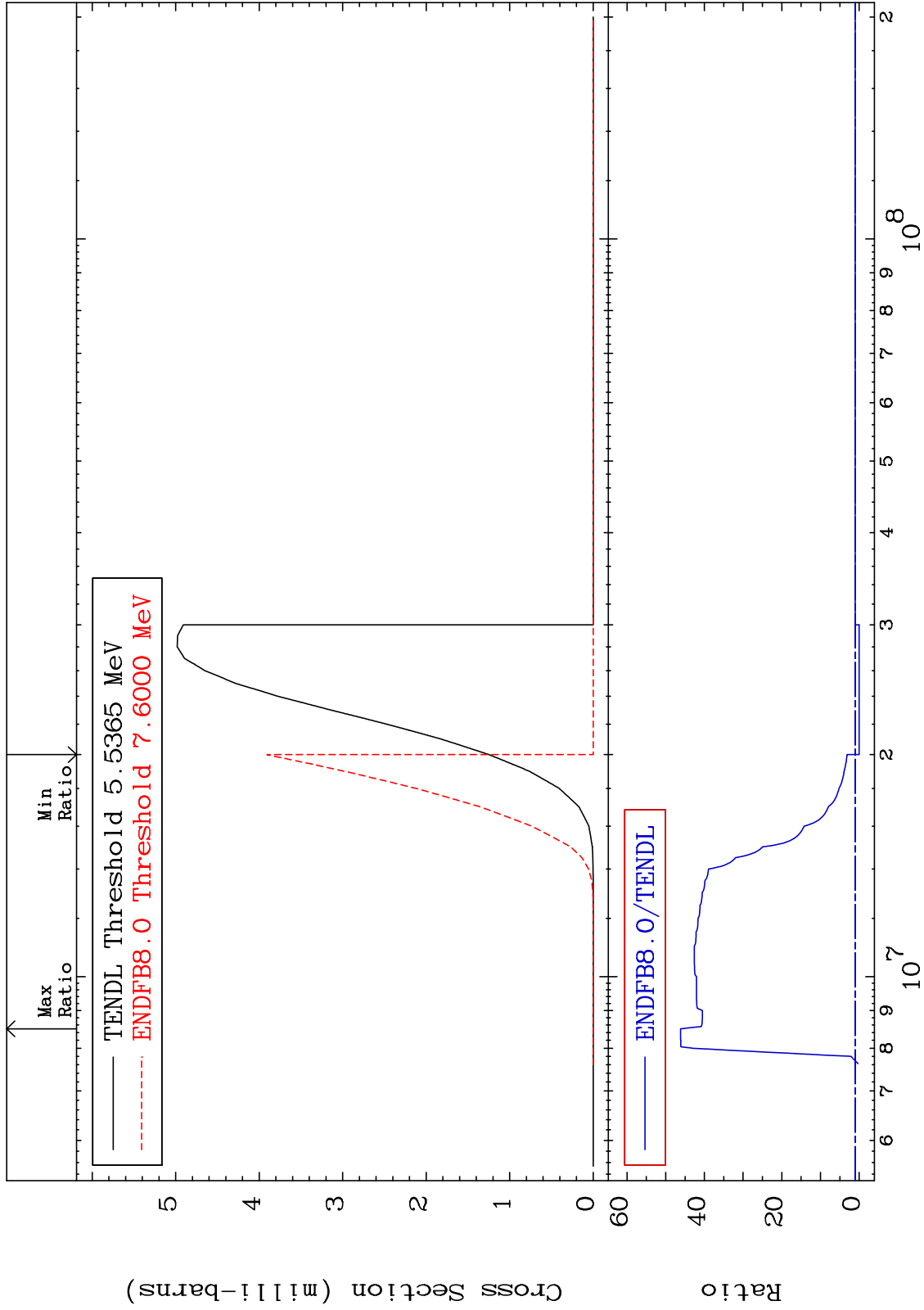
MAT 8234

(n, t)

82-Pb-207

Cross Section

-100.0 To 4514. %



37

Incident Energy (eV)

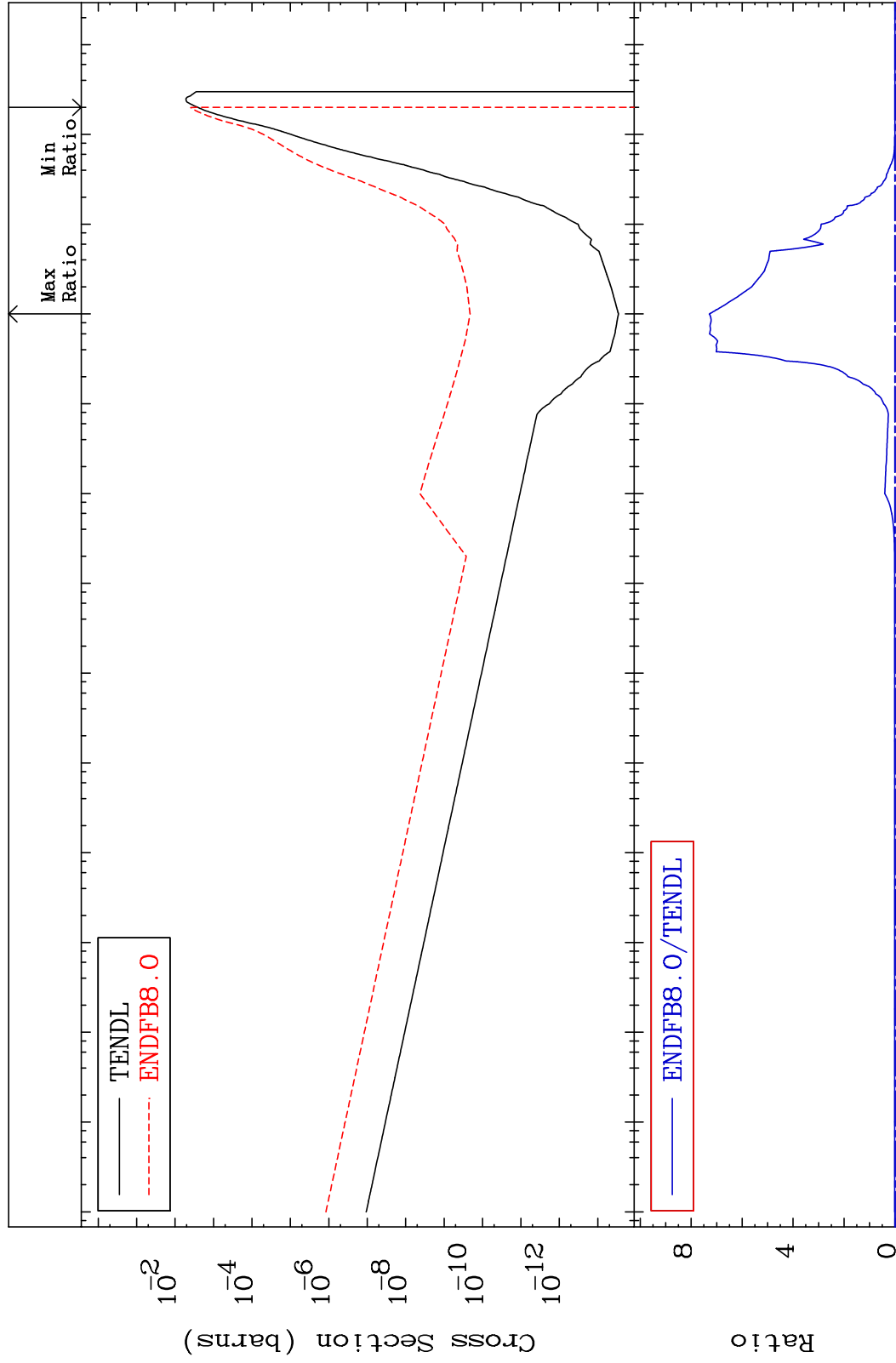
82-Pb-207

MAT 8234

(n, α)
Cross Section

82-Pb-207

-100.0 To 9999. %



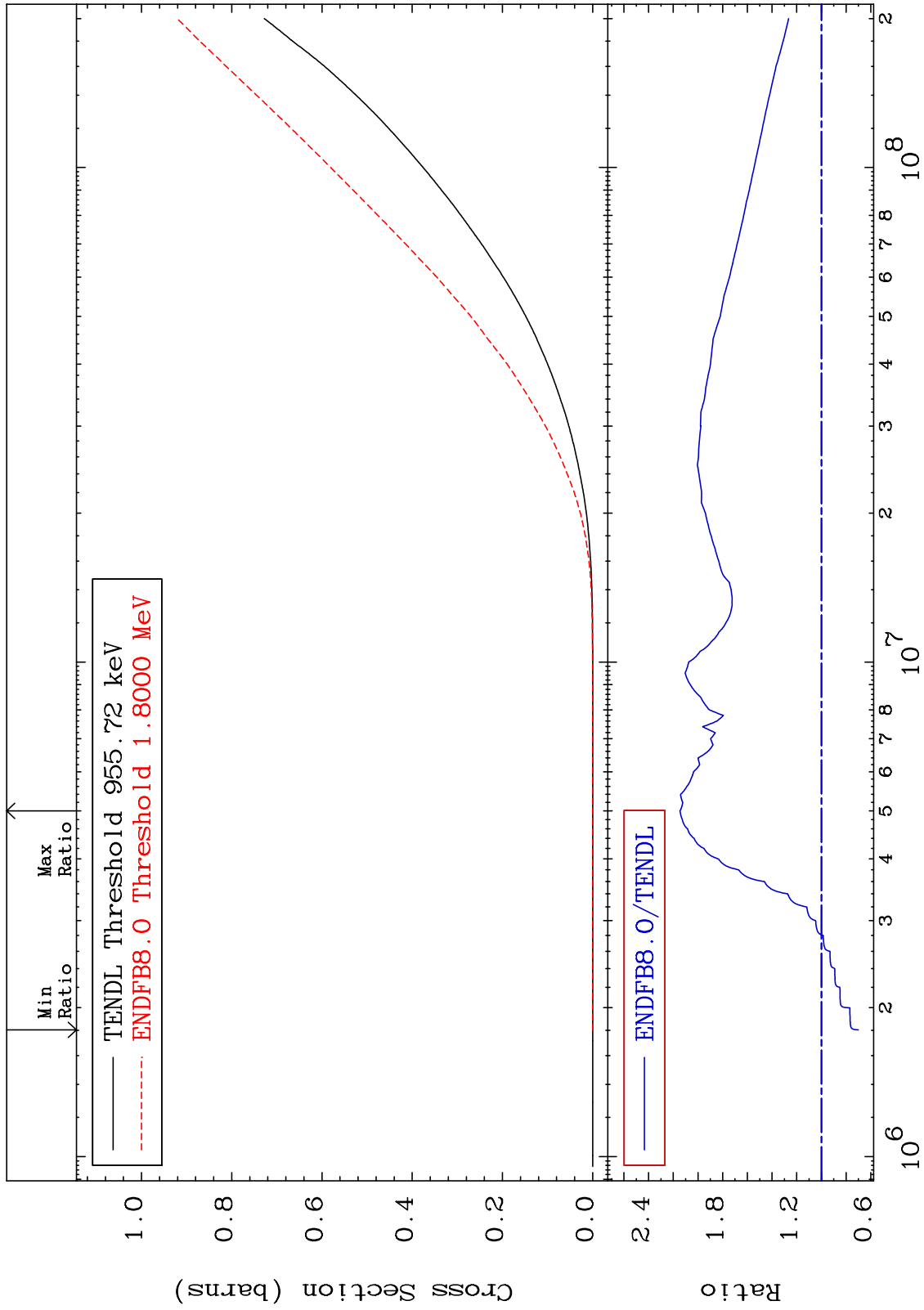
Incident Energy (eV)

82-Pb-207

MAT 8234

Hydrogen Production
Cross Section

82-Pb-207
-29.98 To 114.5 %



39

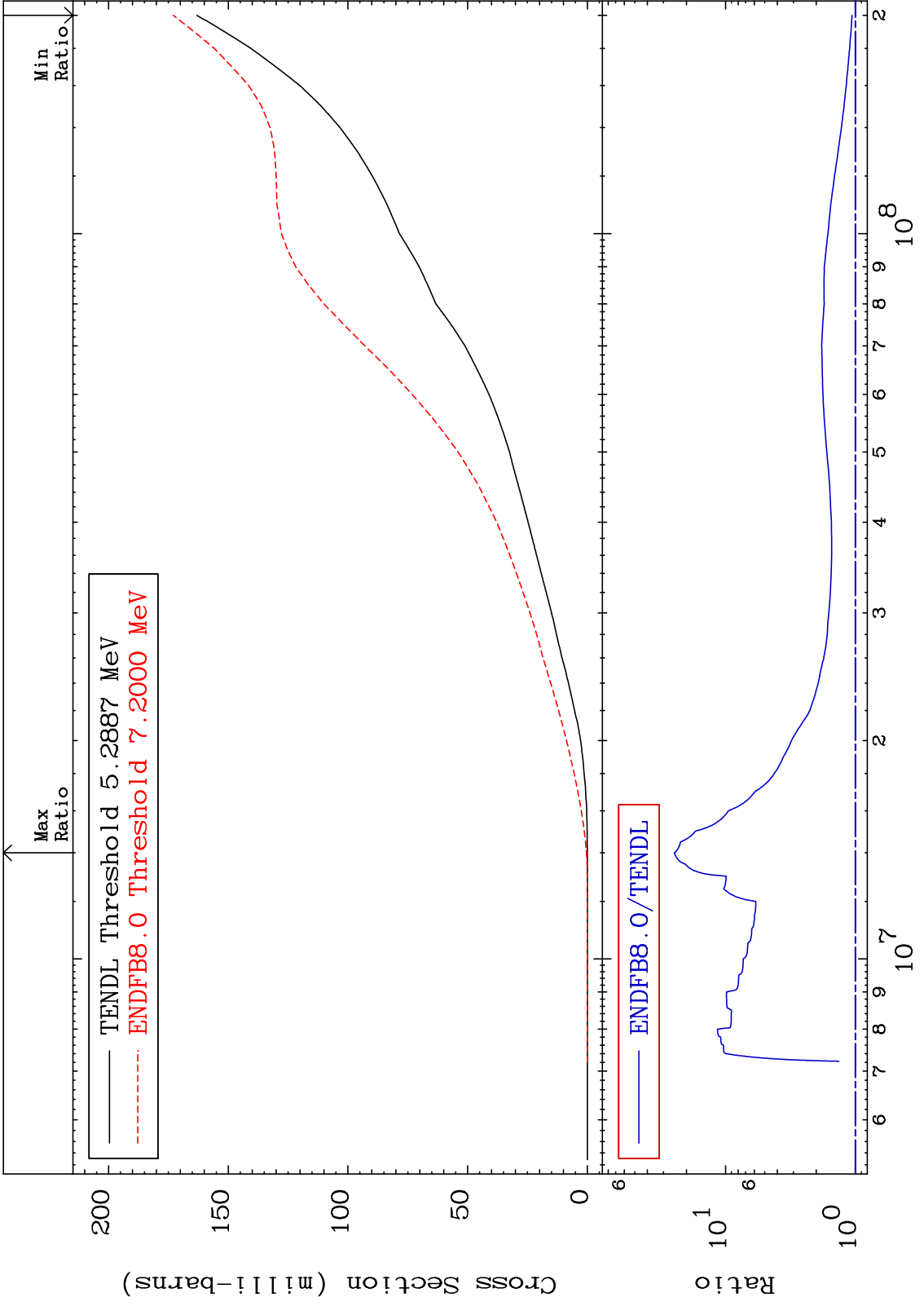
Incident Energy (eV)

82-Pb-207

MAT 8234

Deuterium Production
Cross Section

82-Pb-207
6.048 To 2375. %



40

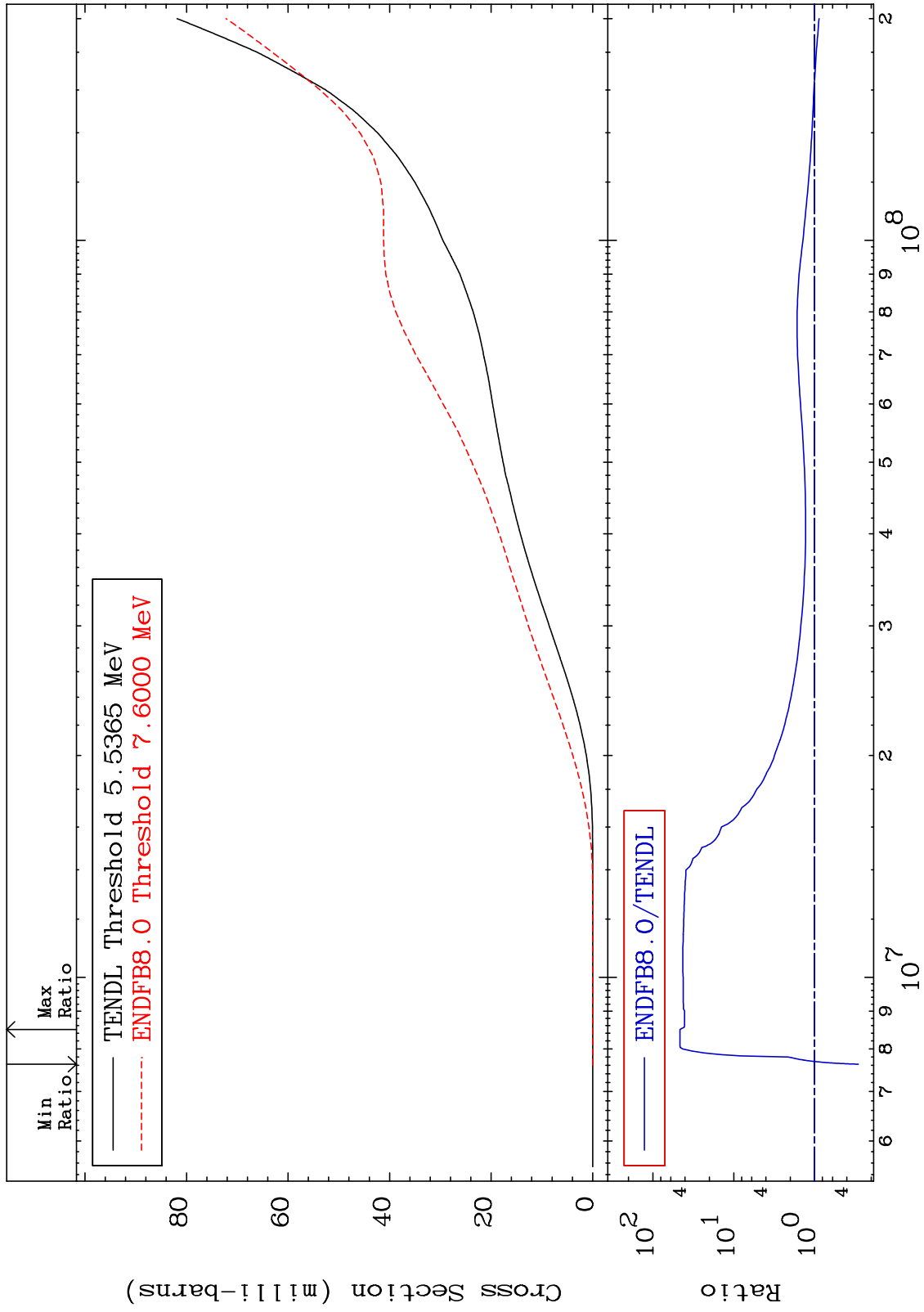
Incident Energy (eV)

82-Pb-207

MAT 8234

Tritium Production
Cross Section

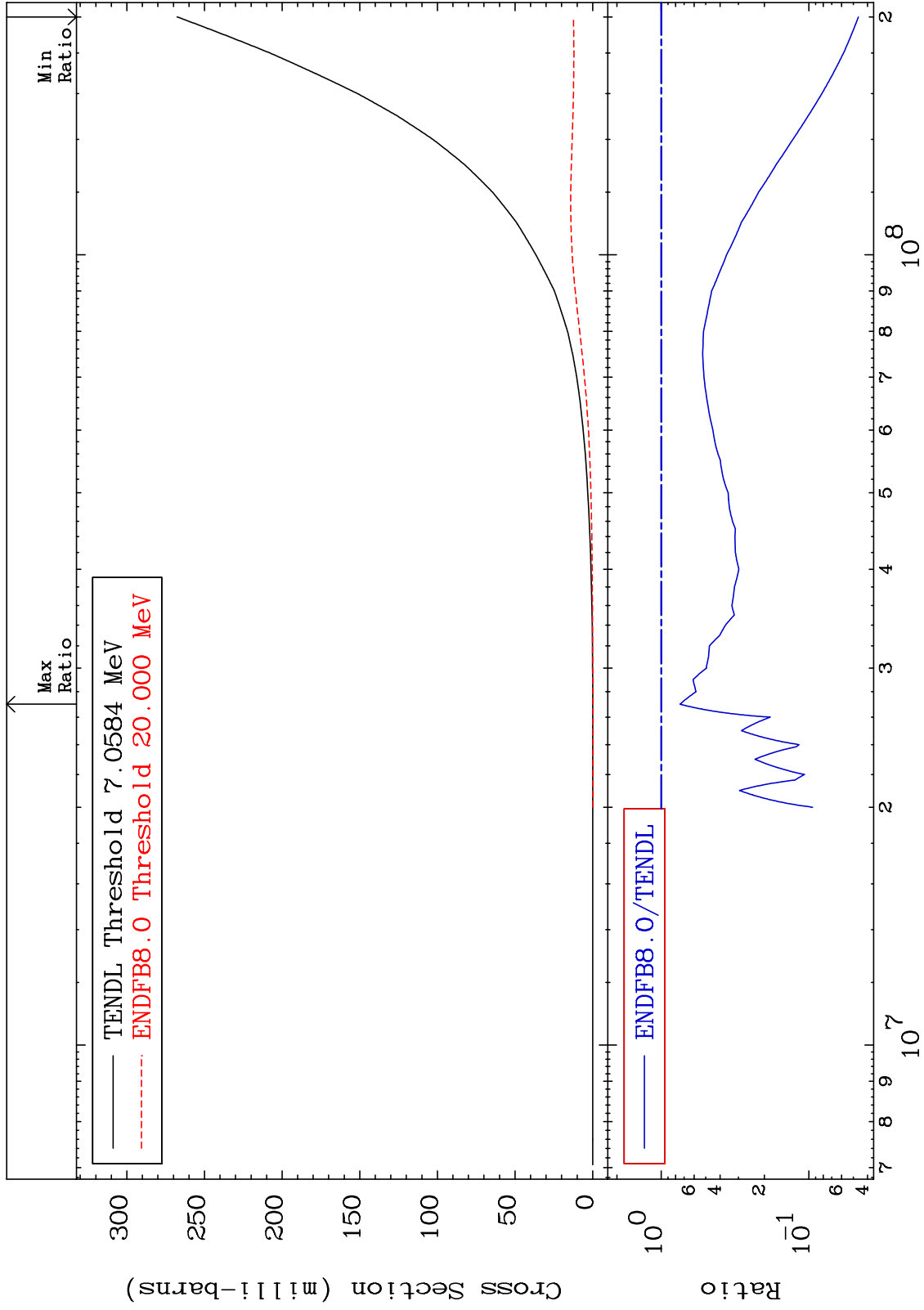
82-Pb-207
-71.26 To 4514. %



MAT 8234

He-3 Production
Cross Section

82-Pb-207
-95.39 To -25.35%



42

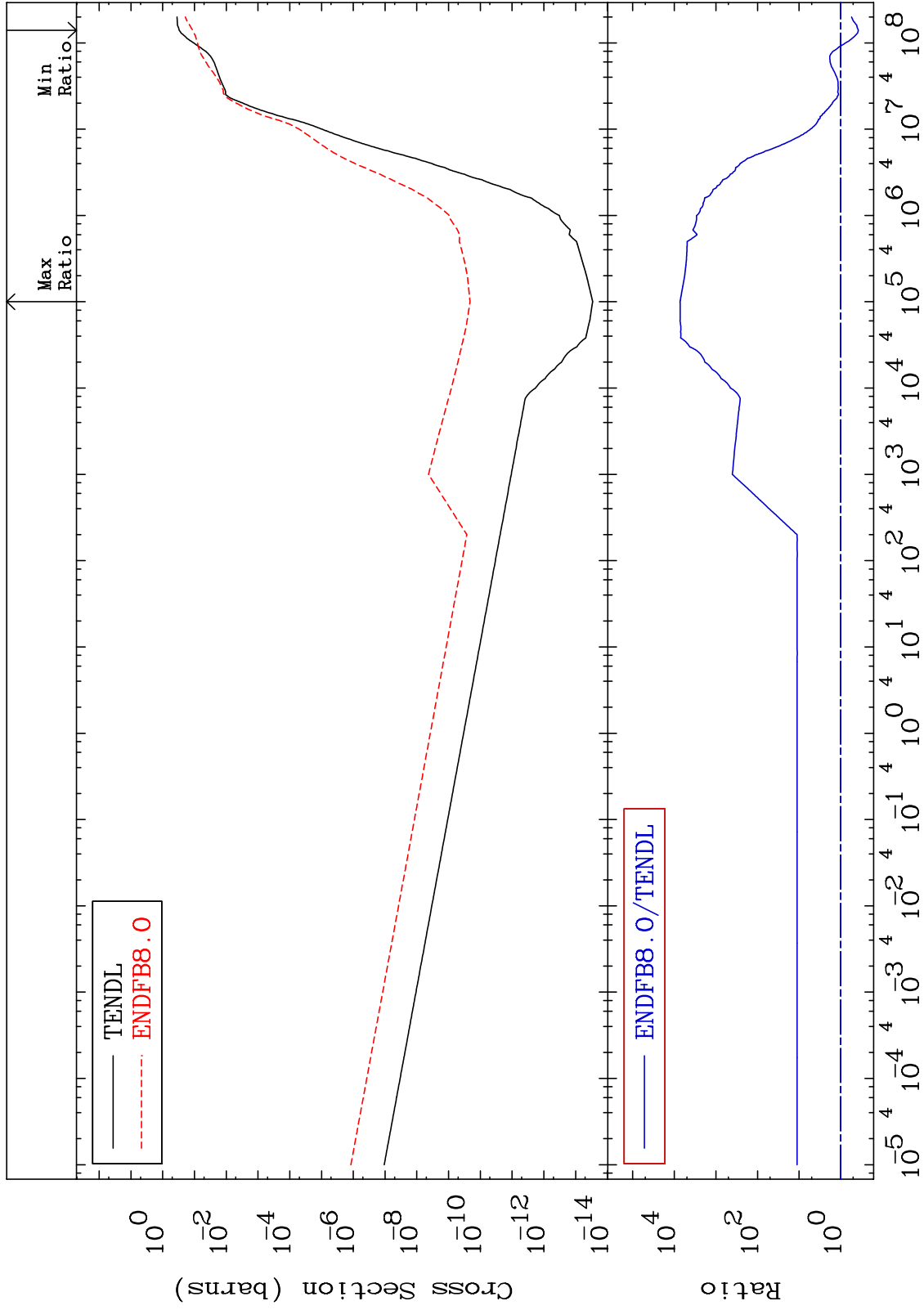
Incident Energy (eV)

82-Pb-207

MAT 8234

He-4 Production
Cross Section

82-Pb-207
-62.52 To 9999. %



Incident Energy (eV)

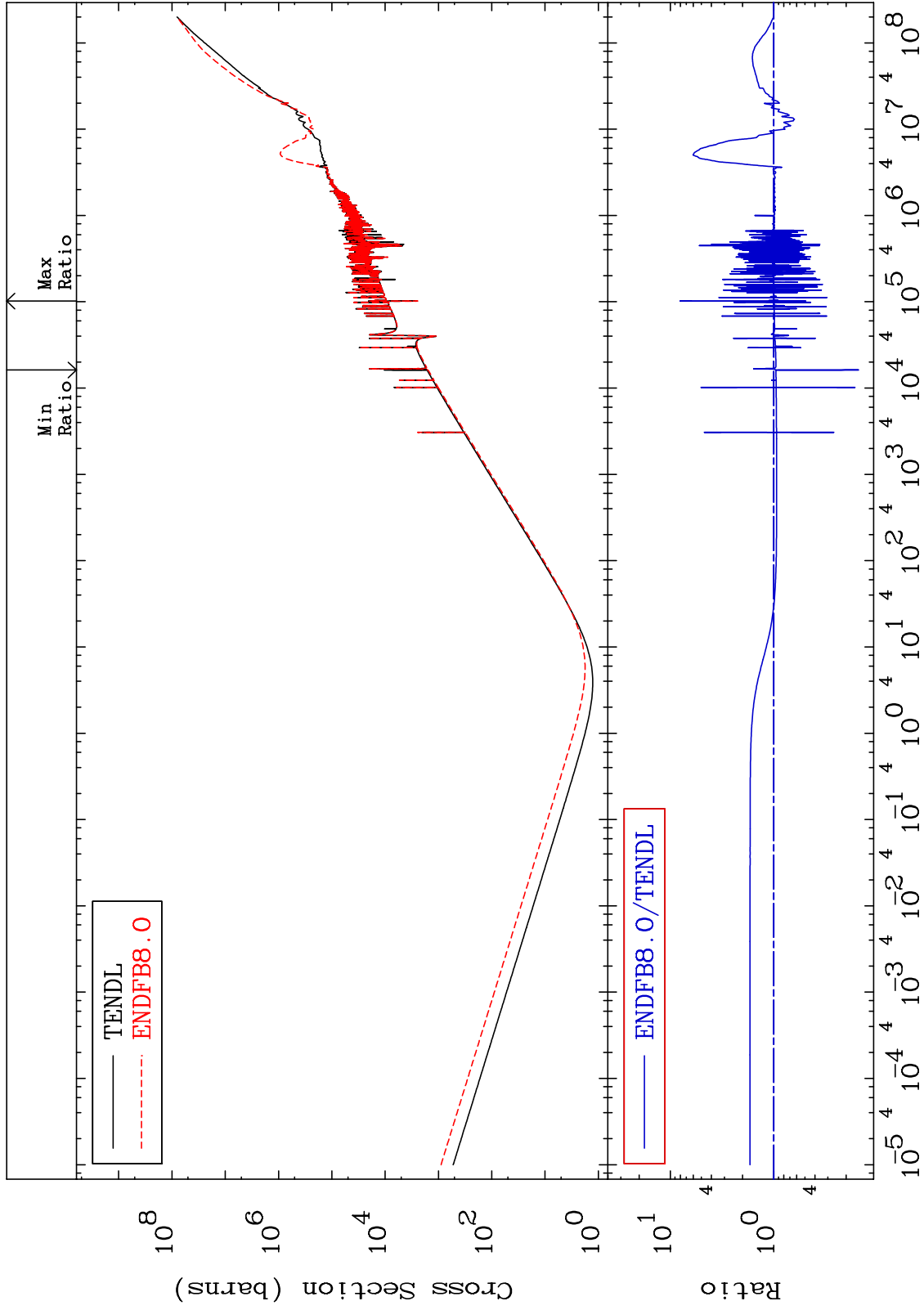
82-Pb-207

43

MAT 8234

Kerma total (eV-barns)
Cross Section

82-Pb-207
-84.80 To 704.8 %



44

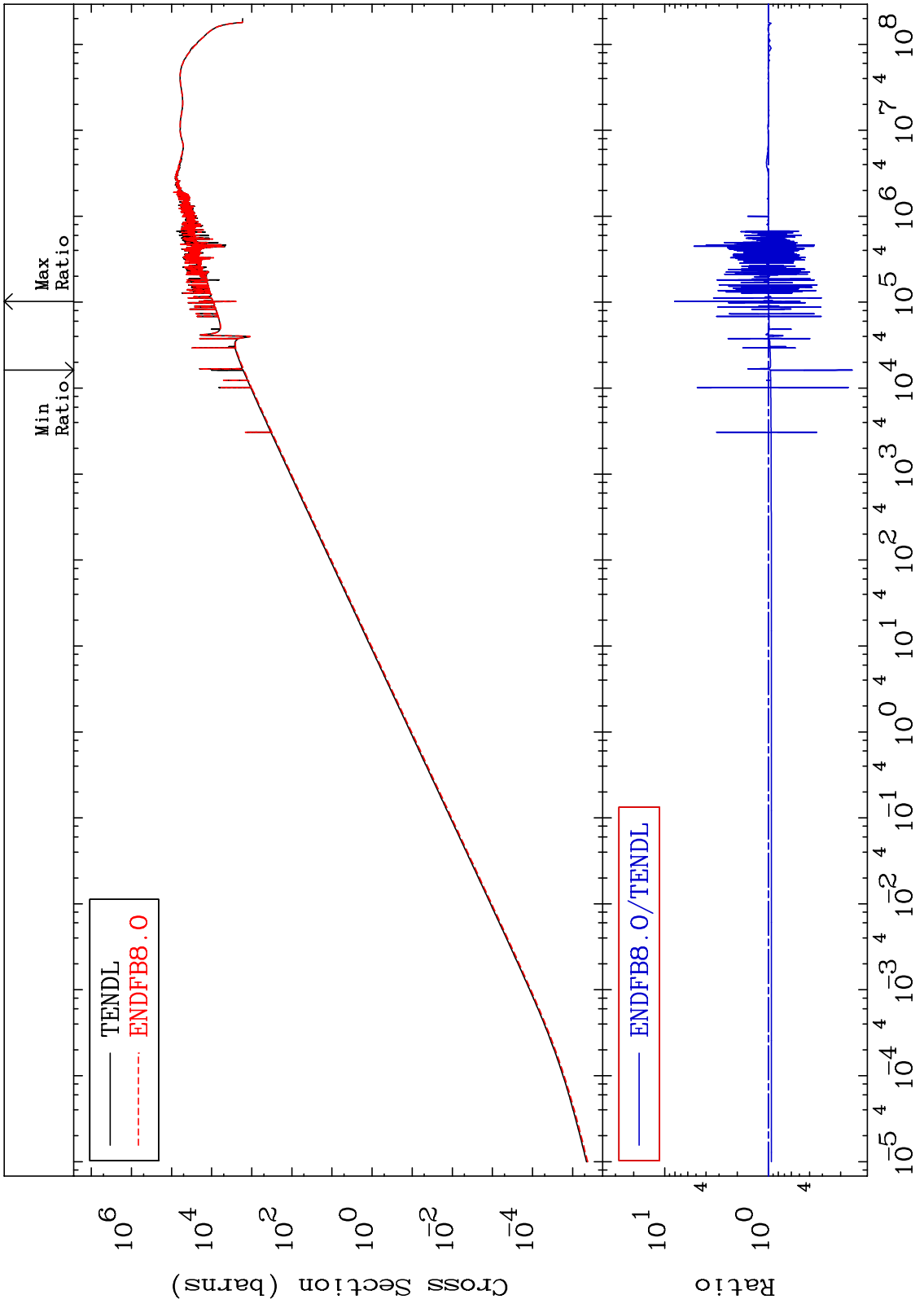
Incident Energy (eV)

82-Pb-207

MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-84.52 To 704.9 %



45

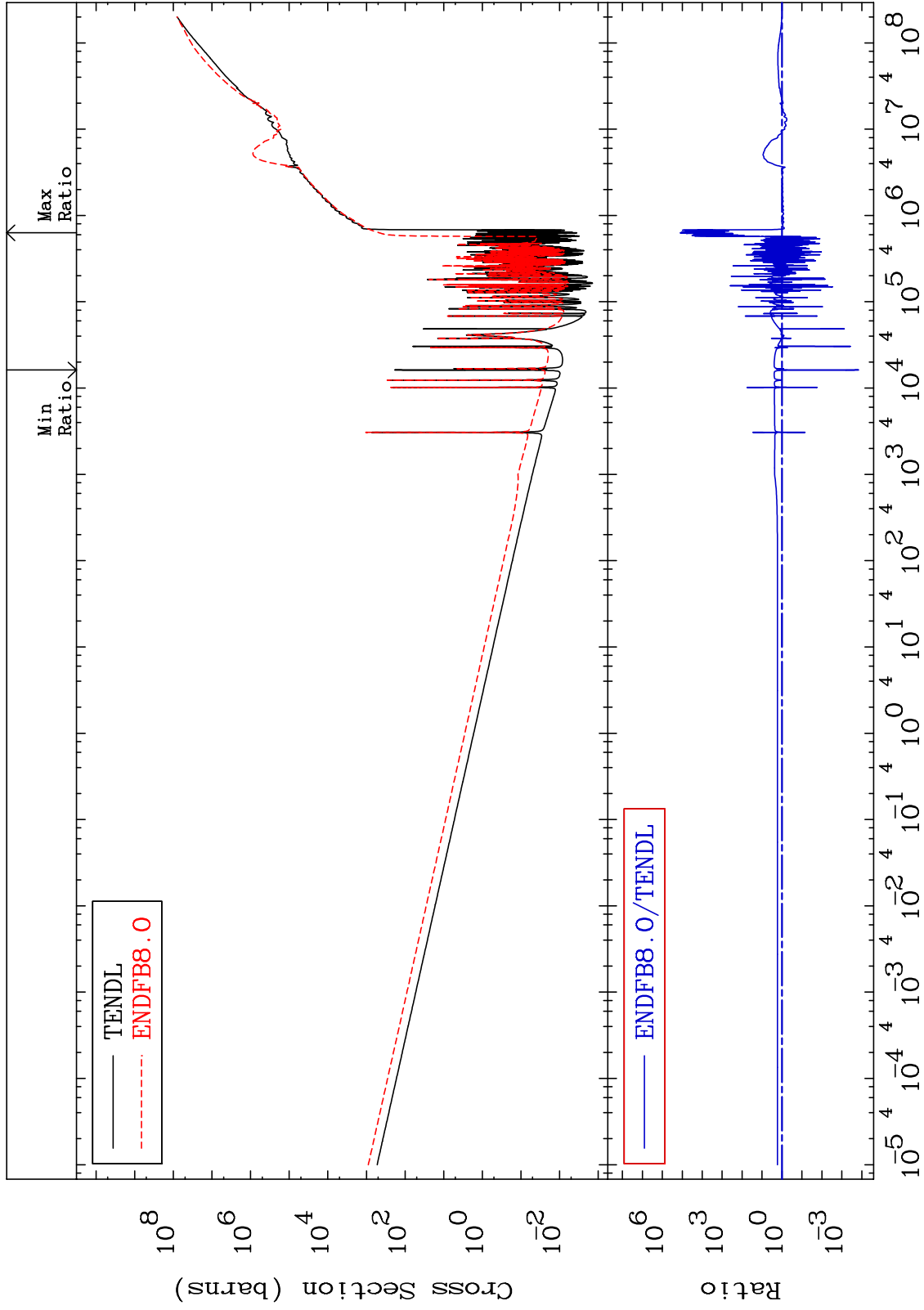
Incident Energy (eV)

82-Pb-207

MAT 8234

Kerma non-elastic (all but mt2)
Cross Section

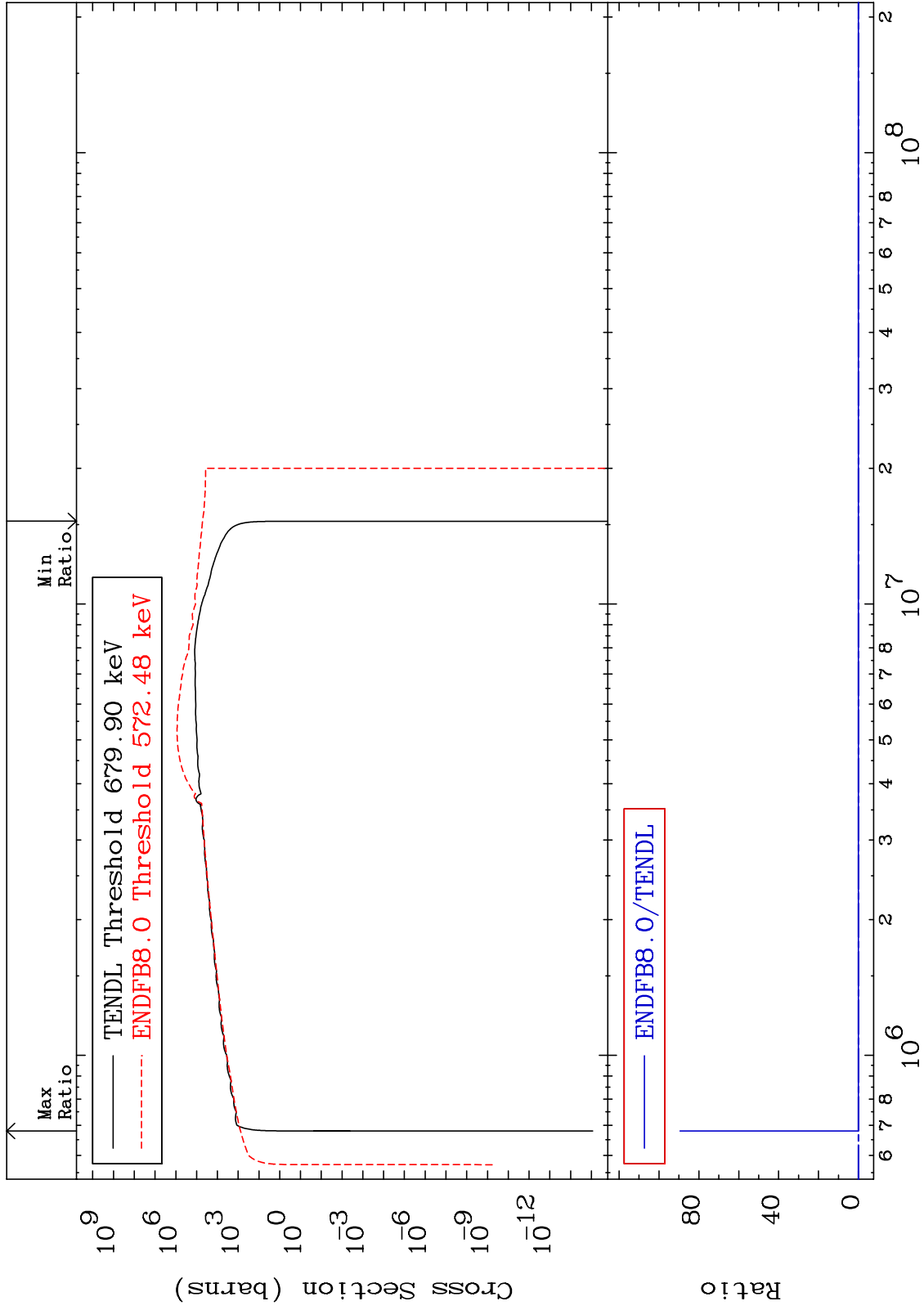
82-Pb-207
-99.99 To 9999. %



MAT 8234

Kerma inelastic (mt51-91)
Cross Section

82-Pb-207
-9999. To 9999. %



47

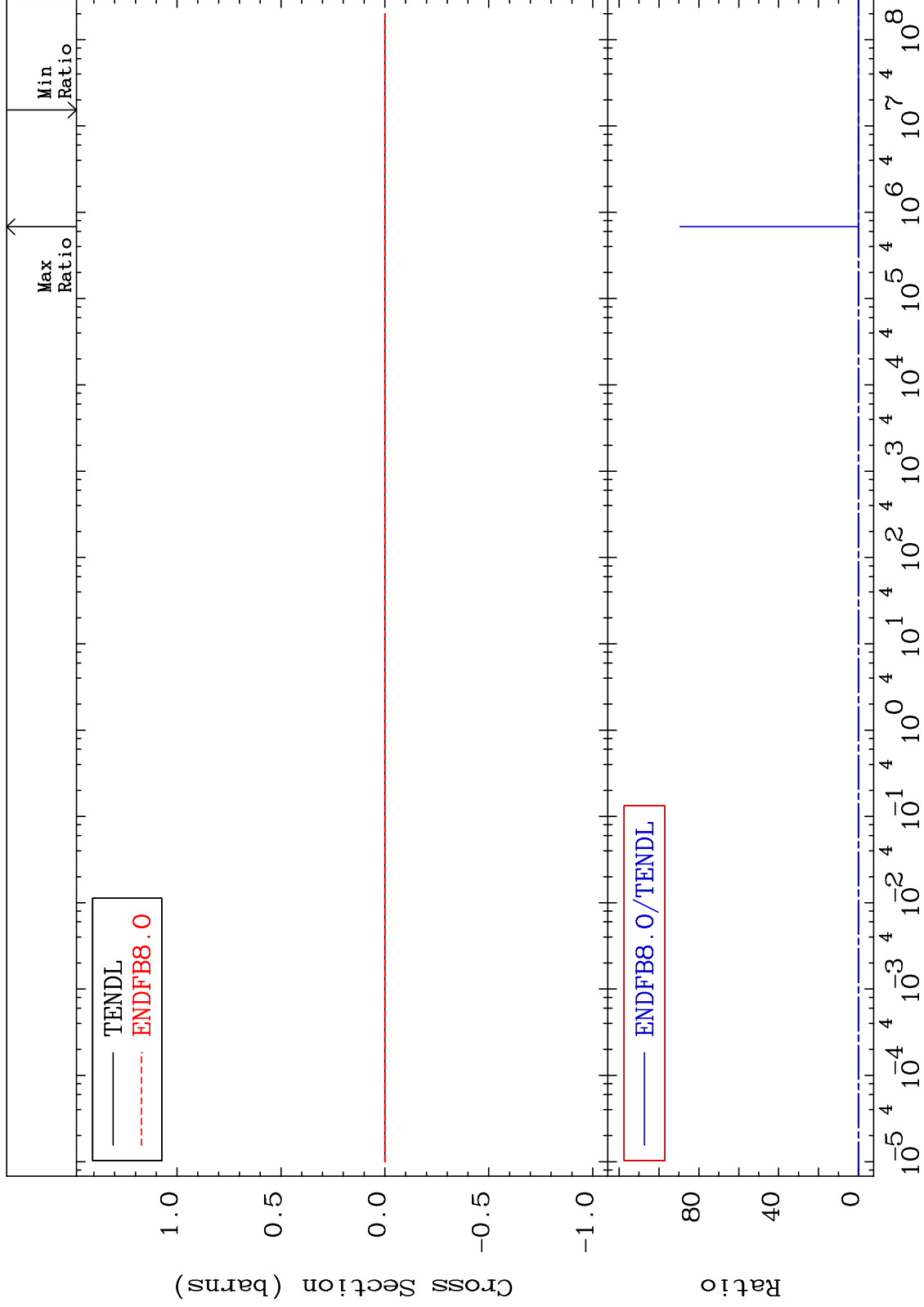
Incident Energy (eV)

82-Pb-207

MAT 8234

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

82-Pb-207
-9999. To 9999. %



48

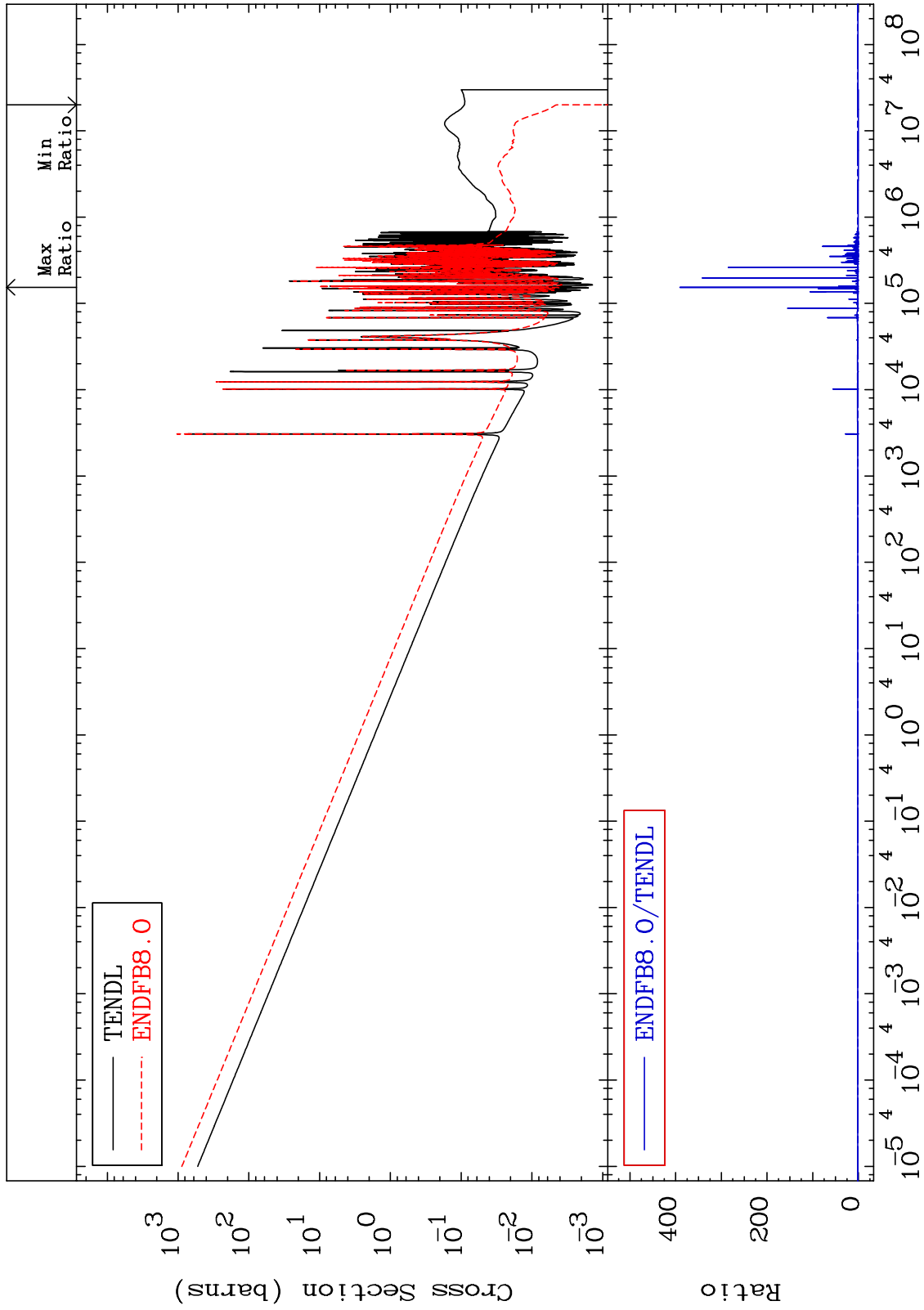
Incident Energy (eV)

82-Pb-207

MAT 8234

Kerma capture (mt102)
Cross Section

82-Pb-207
-100.0 To 9999. %



49

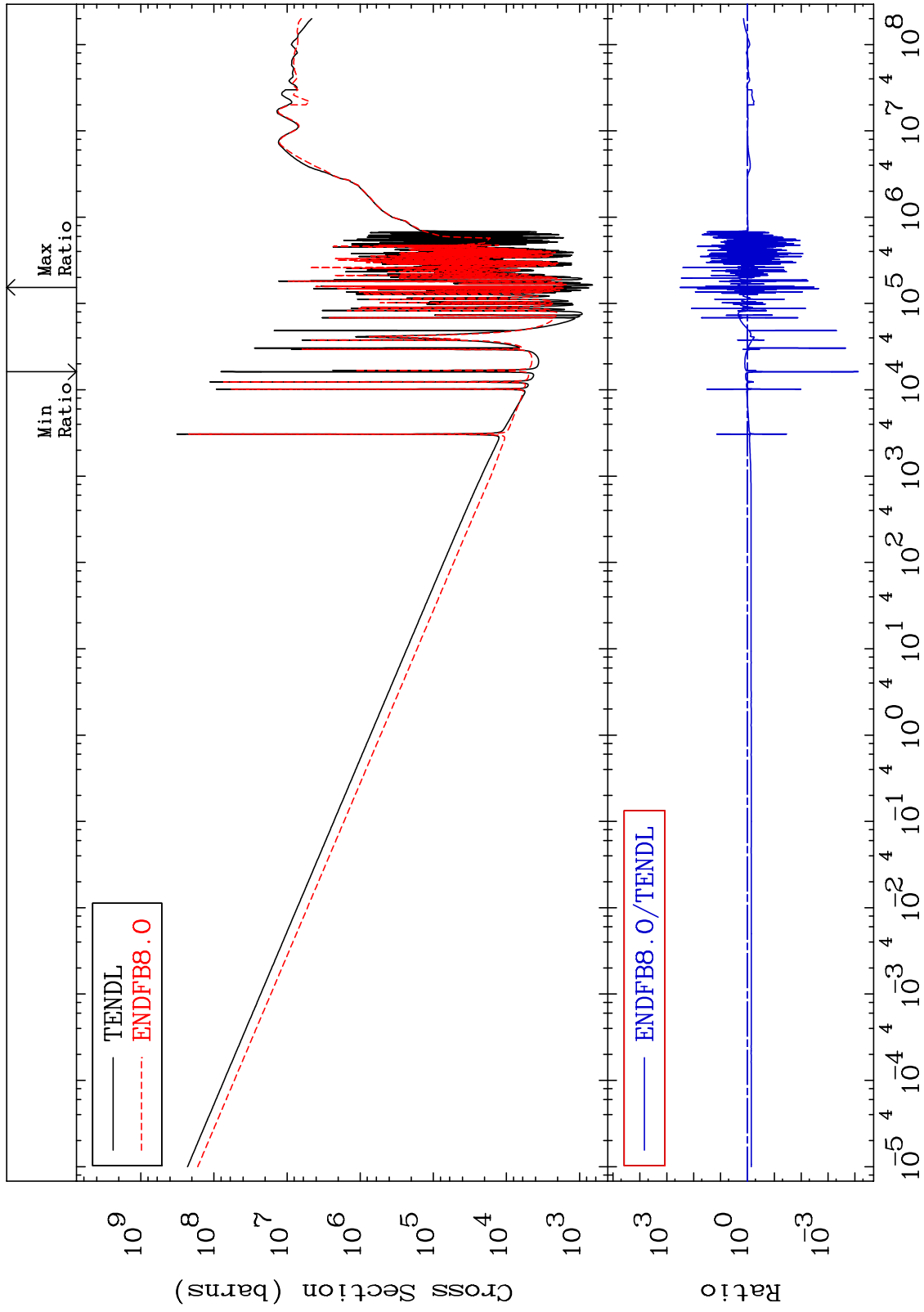
Incident Energy (eV)

82-Pb-207

MAT 8234

Total photon (eV-barns)
Cross Section

82-Pb-207
-99.99 To 9999. %



50

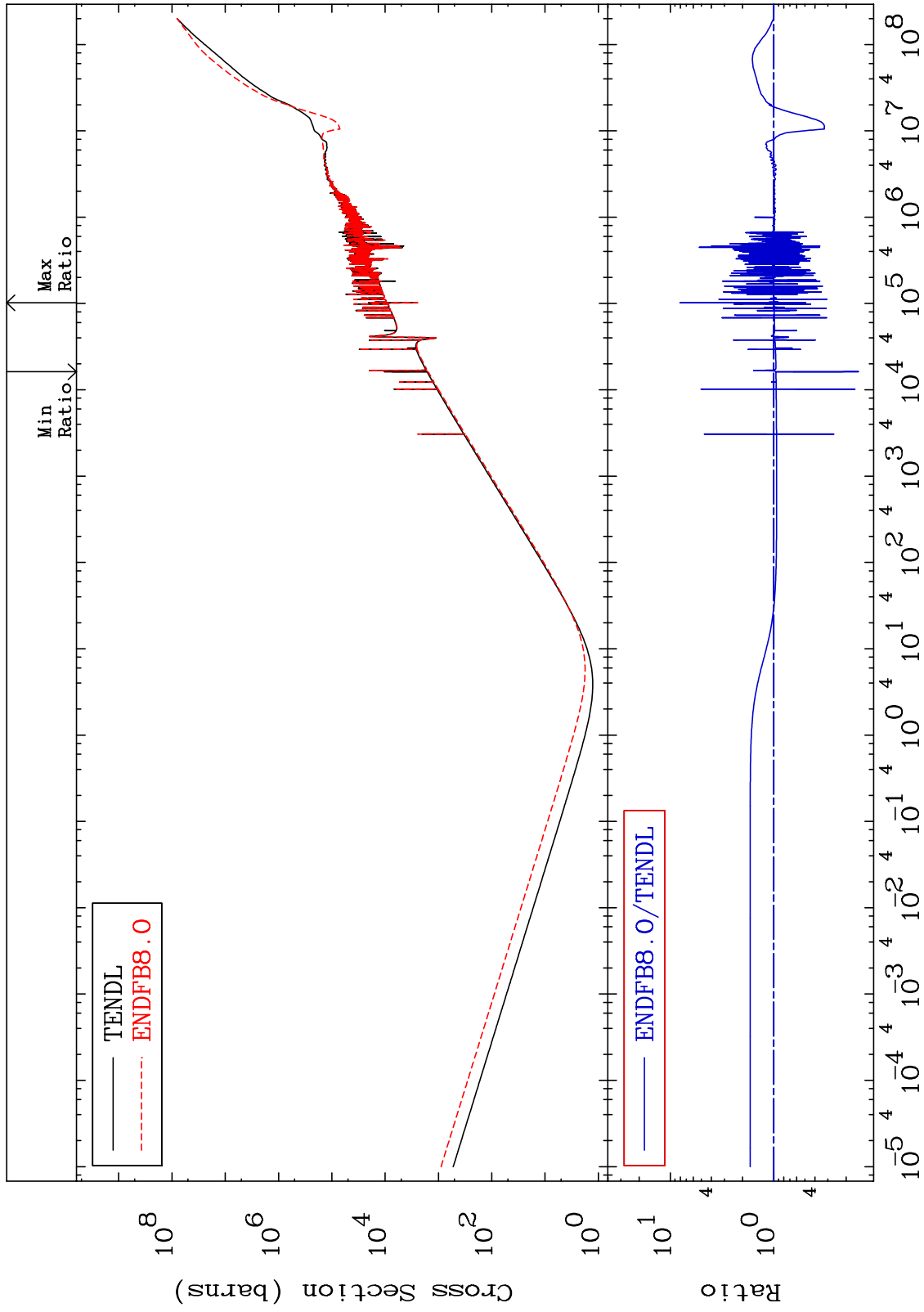
Incident Energy (eV)

82-Pb-207

MAT 8234

Total kinematic kerma (high limit)
Cross Section

82-Pb-207
-84.80 To 704.8 %



51

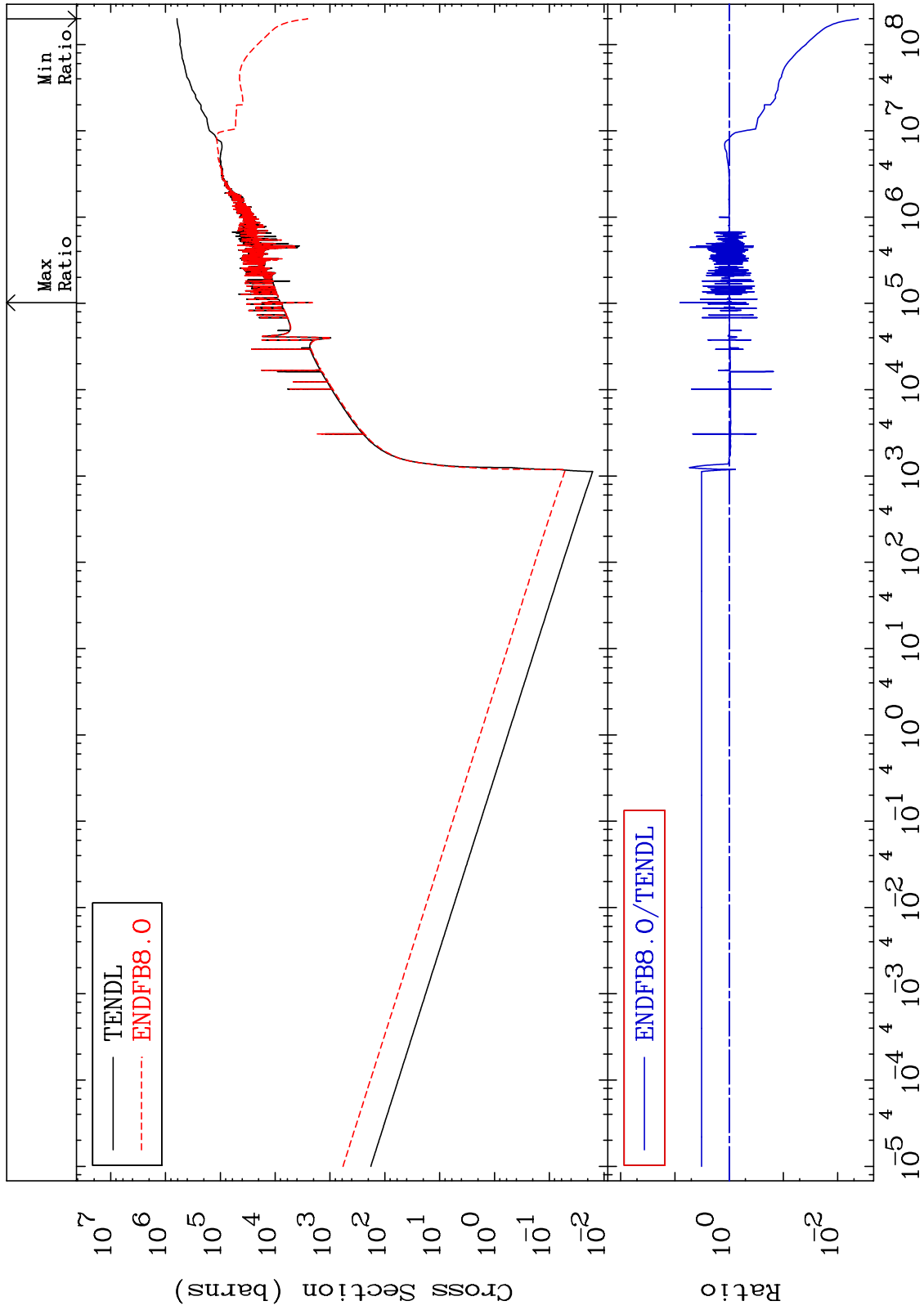
Incident Energy (eV)

82-Pb-207

MAT 8234

Dpa total (eV-barns)
Cross Section

82-Pb-207
-99.59 To 704.8 %



52

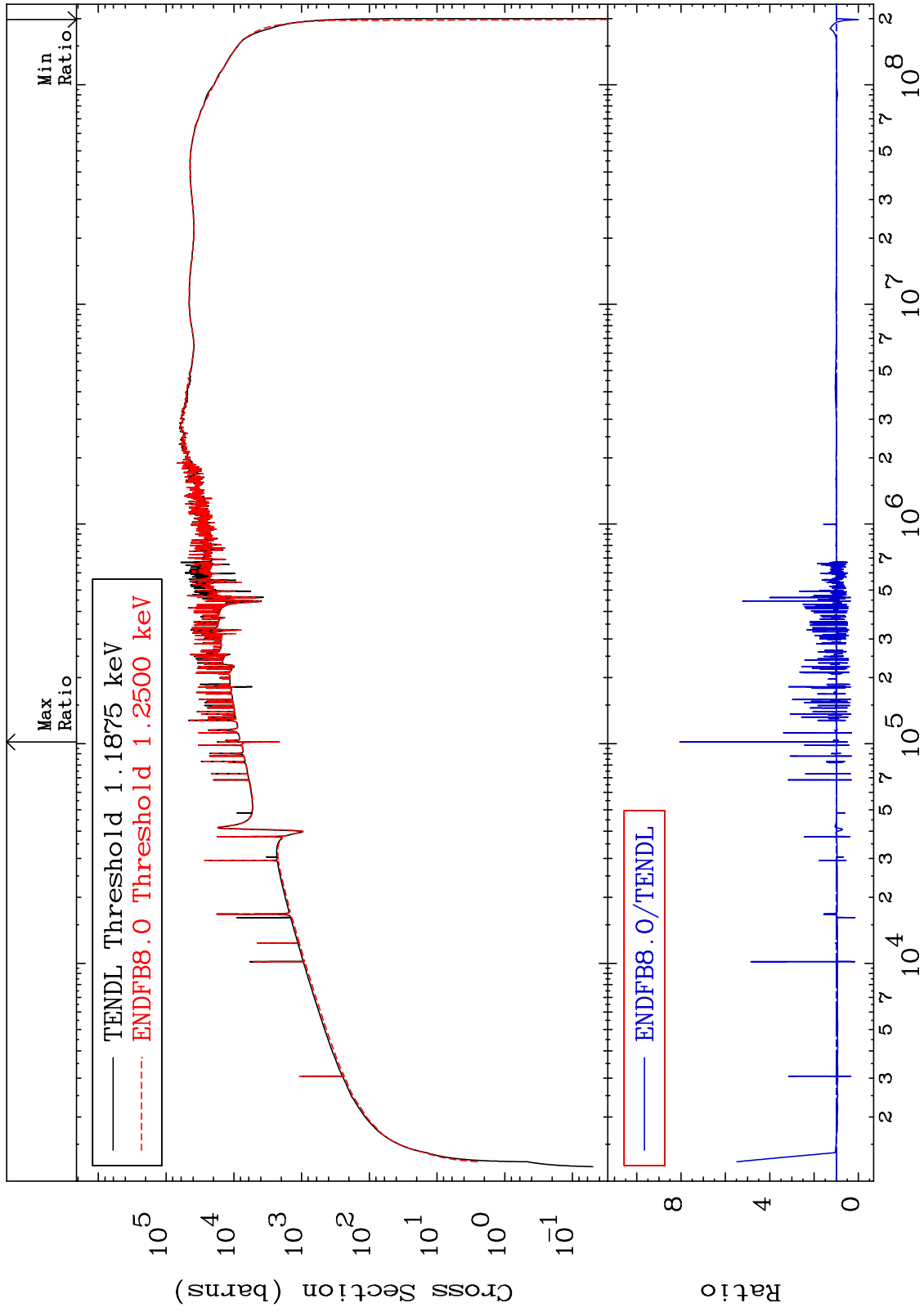
Incident Energy (eV)

82-Pb-207

MAT 8234

Dpa elastic (mt2)
Cross Section

82-Pb-207
-100.0 To 704.9 %



53

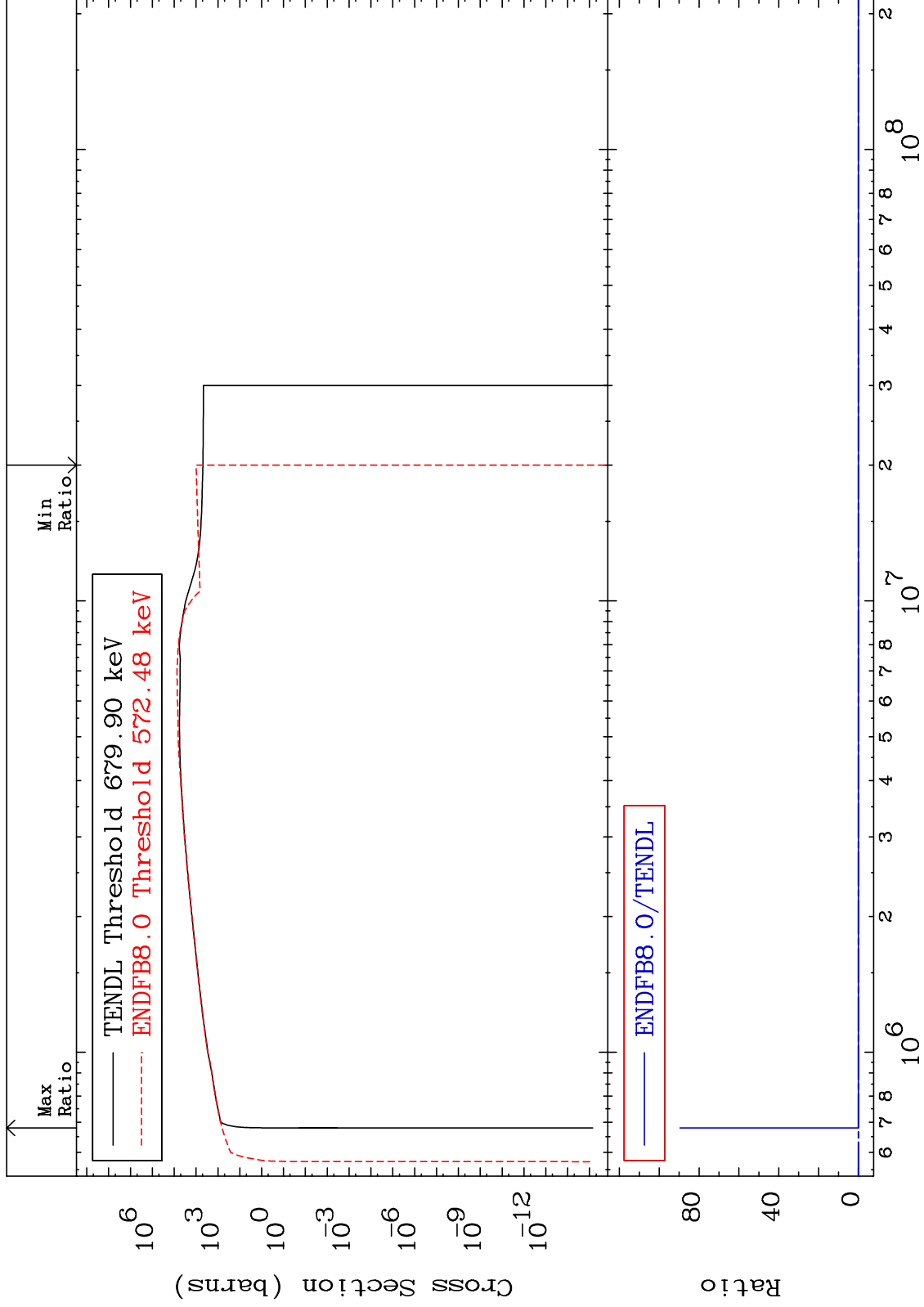
Incident Energy (eV)

82-Pb-207

MAT 8234

Dpa inelastic (mt51-91)
Cross Section

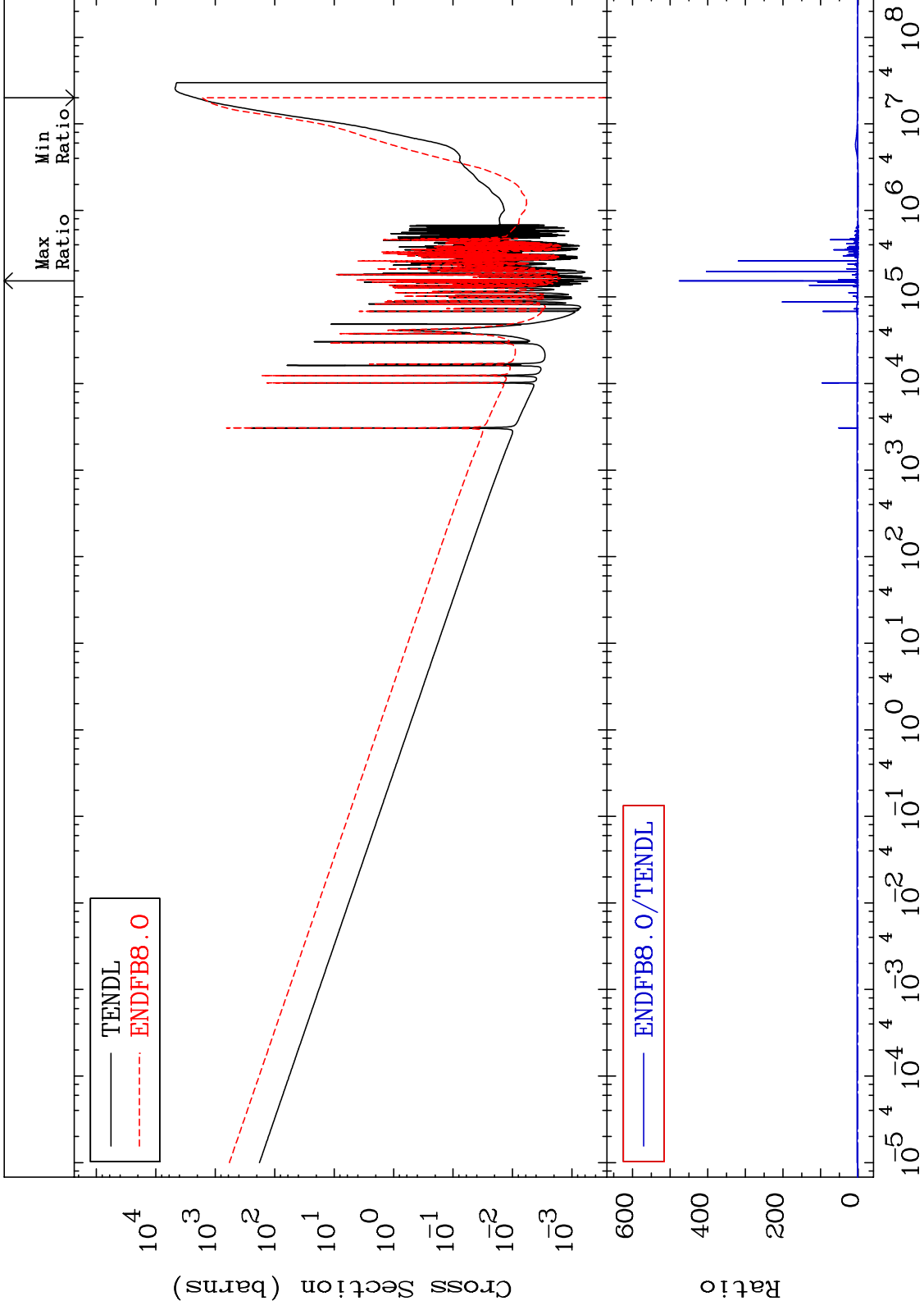
82-Pb-207
-100.0 To 9999. %



MAT 8234

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-207
-100.0 To 9999. %



55

Incident Energy (eV)

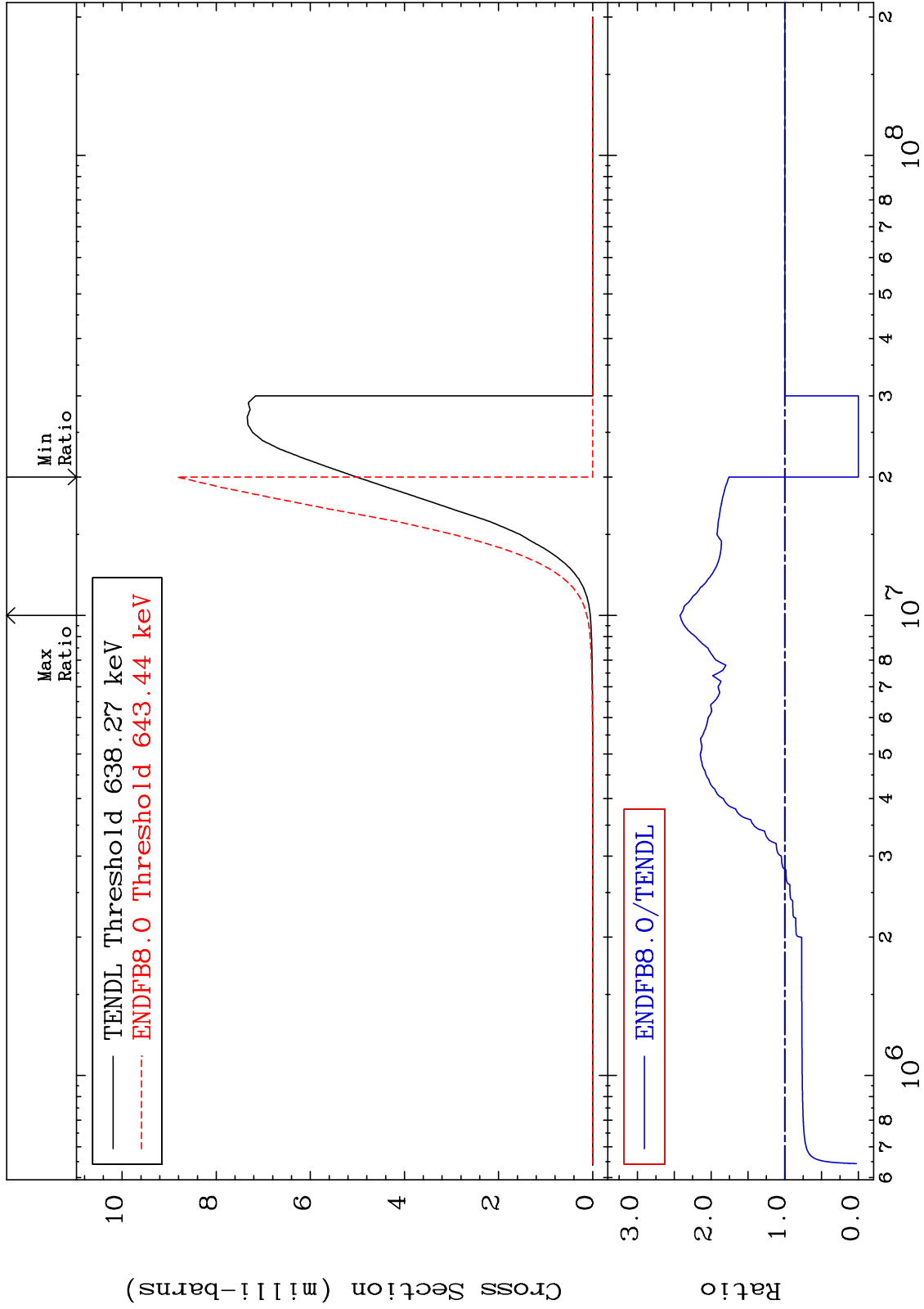
82-Pb-207

MAT 8234

(n,p):81-Tl-207g

82-Pb-207

Radionuclide Production Cross Section -100.0 To 142.2 %



56

Incident Energy (eV)

82-Pb-207

MAT 8234

(n, p) : 81-Tl-207m2

82-Pb-207

Radionuclide Production Cross Section -100.0 To 753.0 %

