

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

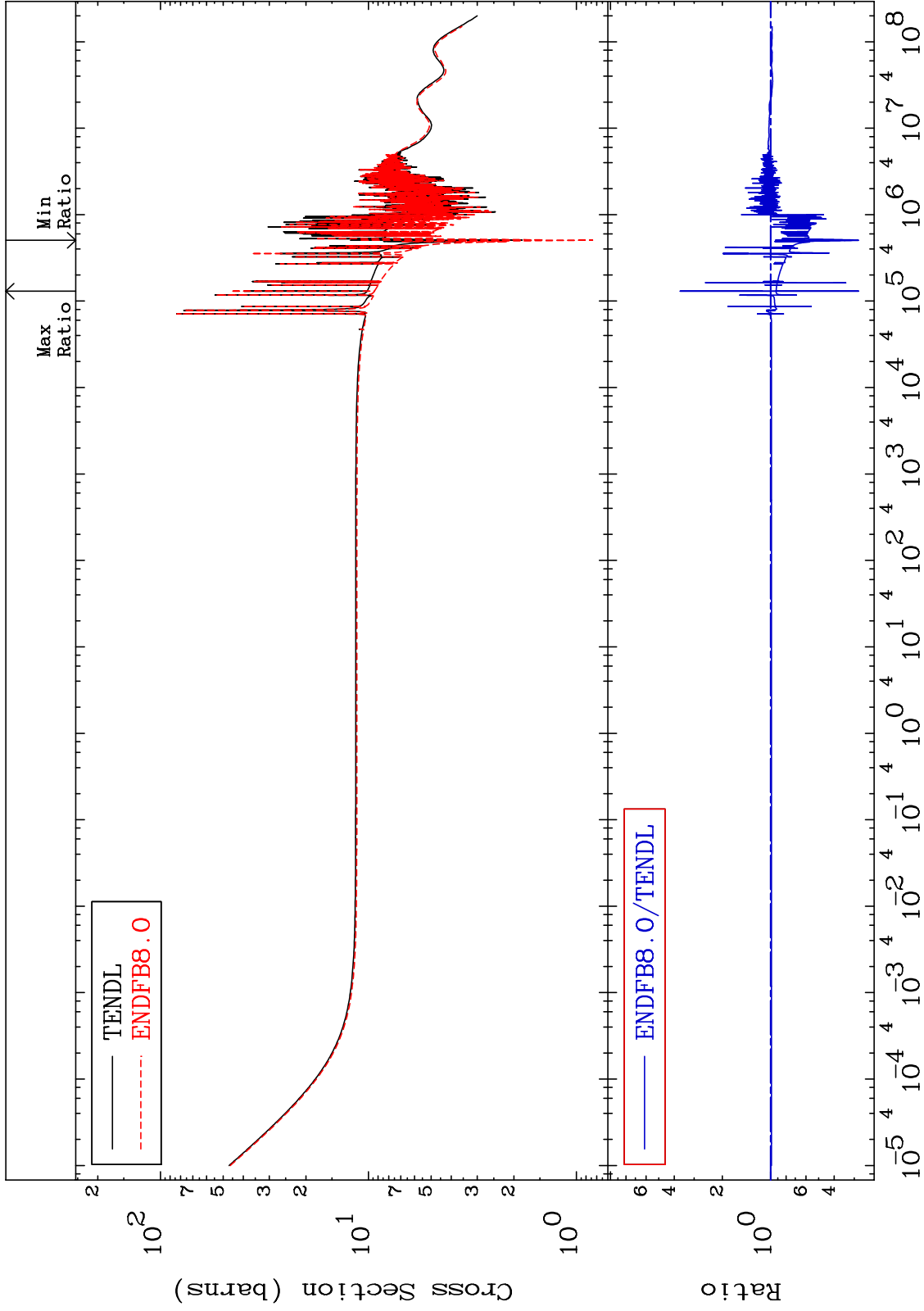
MAT 8237

Total

82-Pb-208

Cross Section

-71.98 To 266.8 %



1

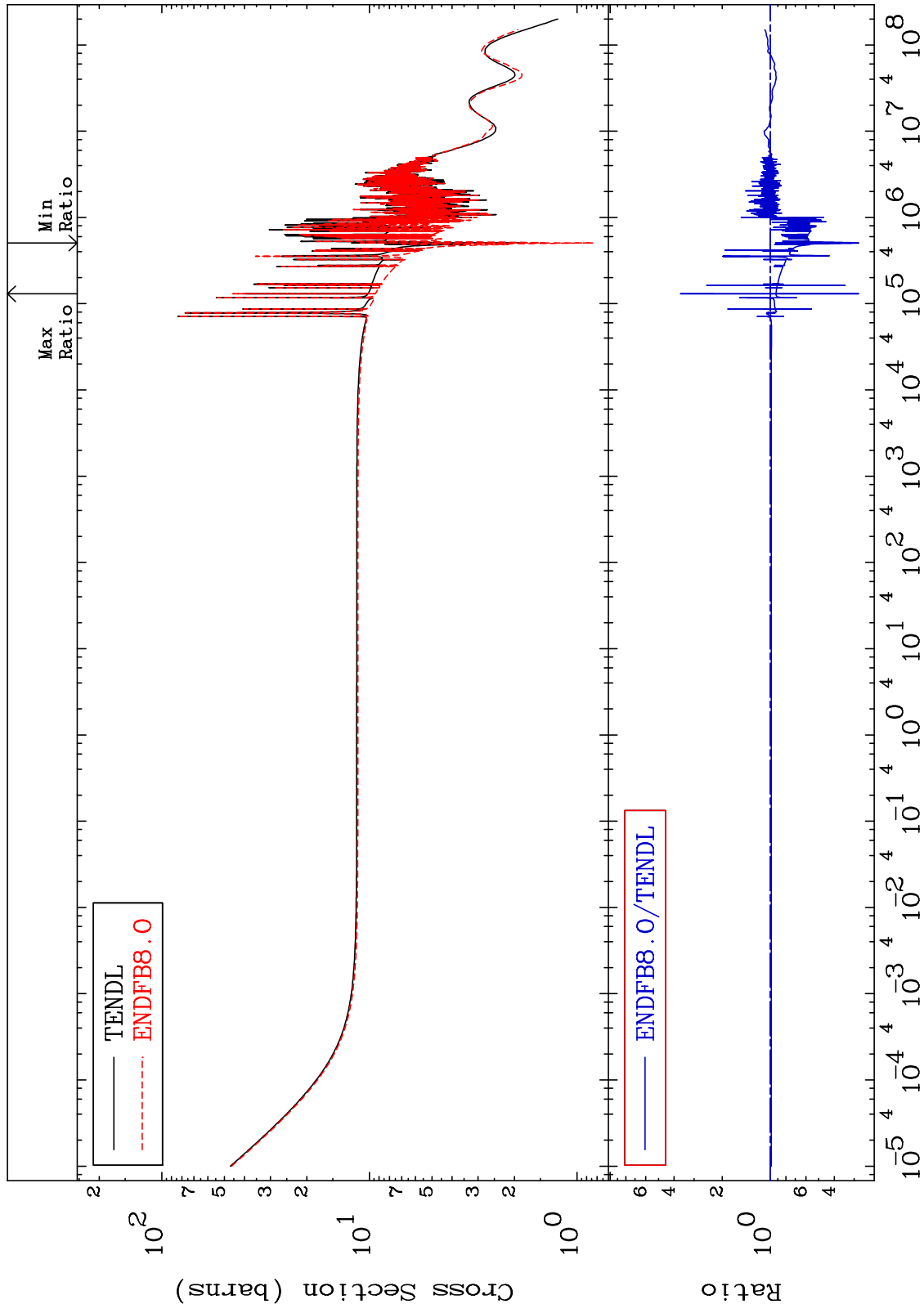
Incident Energy (eV)

82-Pb-208

MAT 8237

Elastic
Cross Section

82-Pb-208
-71.99 To 263.5 %

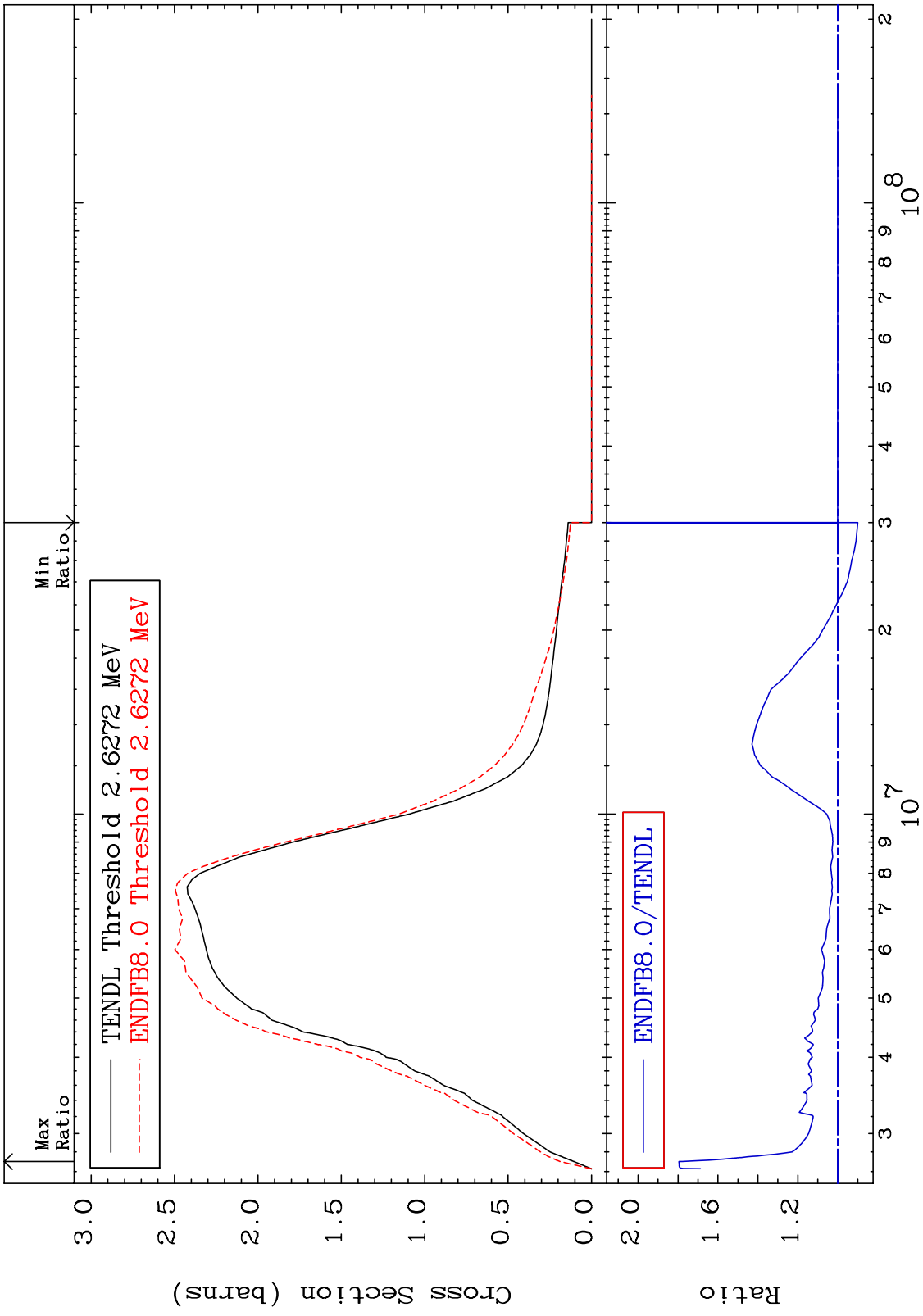


2

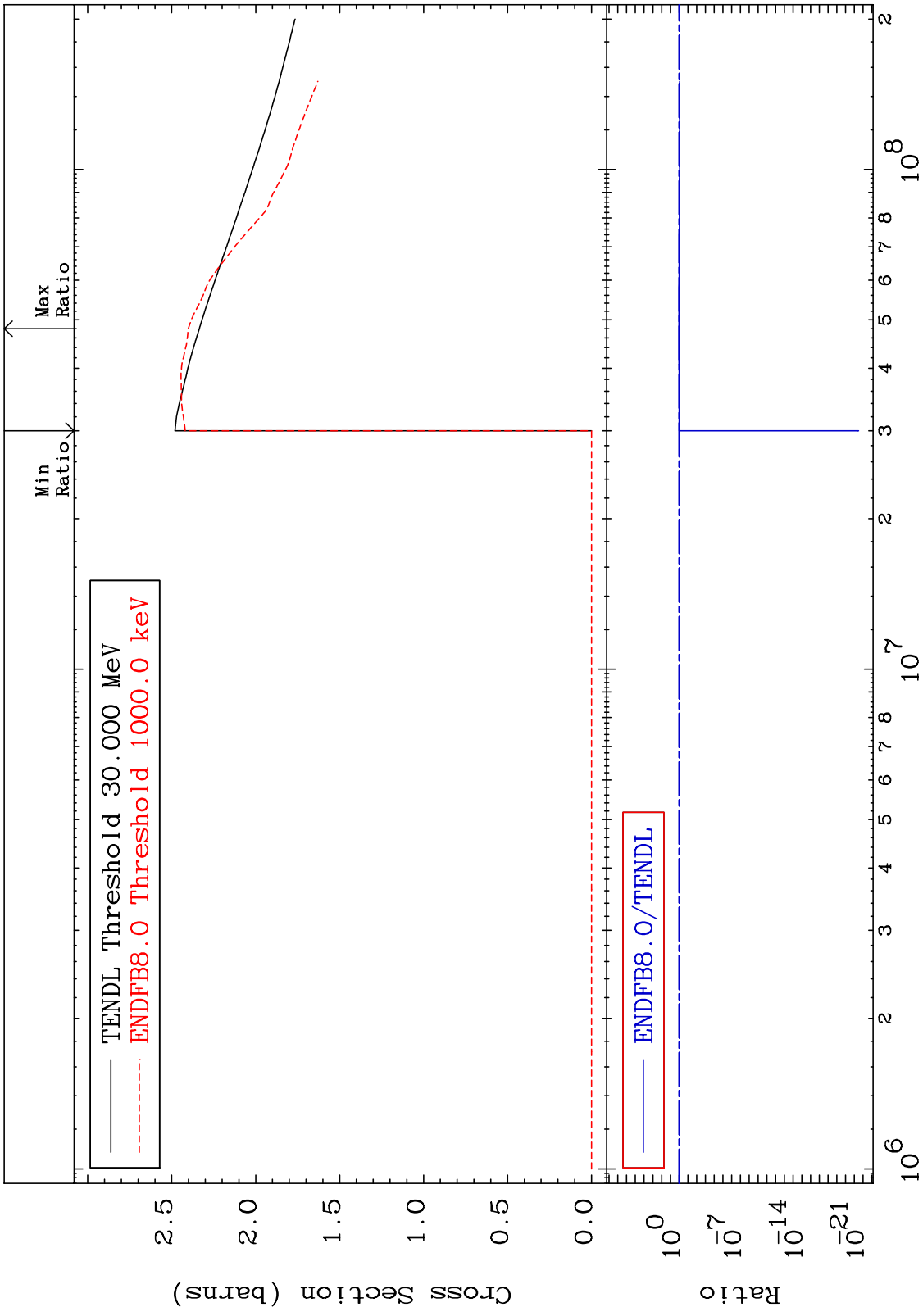
Incident Energy (eV)

82-Pb-208

MAT 8237 Inelastic Cross Section 82-Pb-208 -10.05 To 79.50 %



MAT 8237 (n, remainder) Cross Section 82-Pb-208 -100.0 To 2.825 %



4 Incident Energy (eV) 82-Pb-208

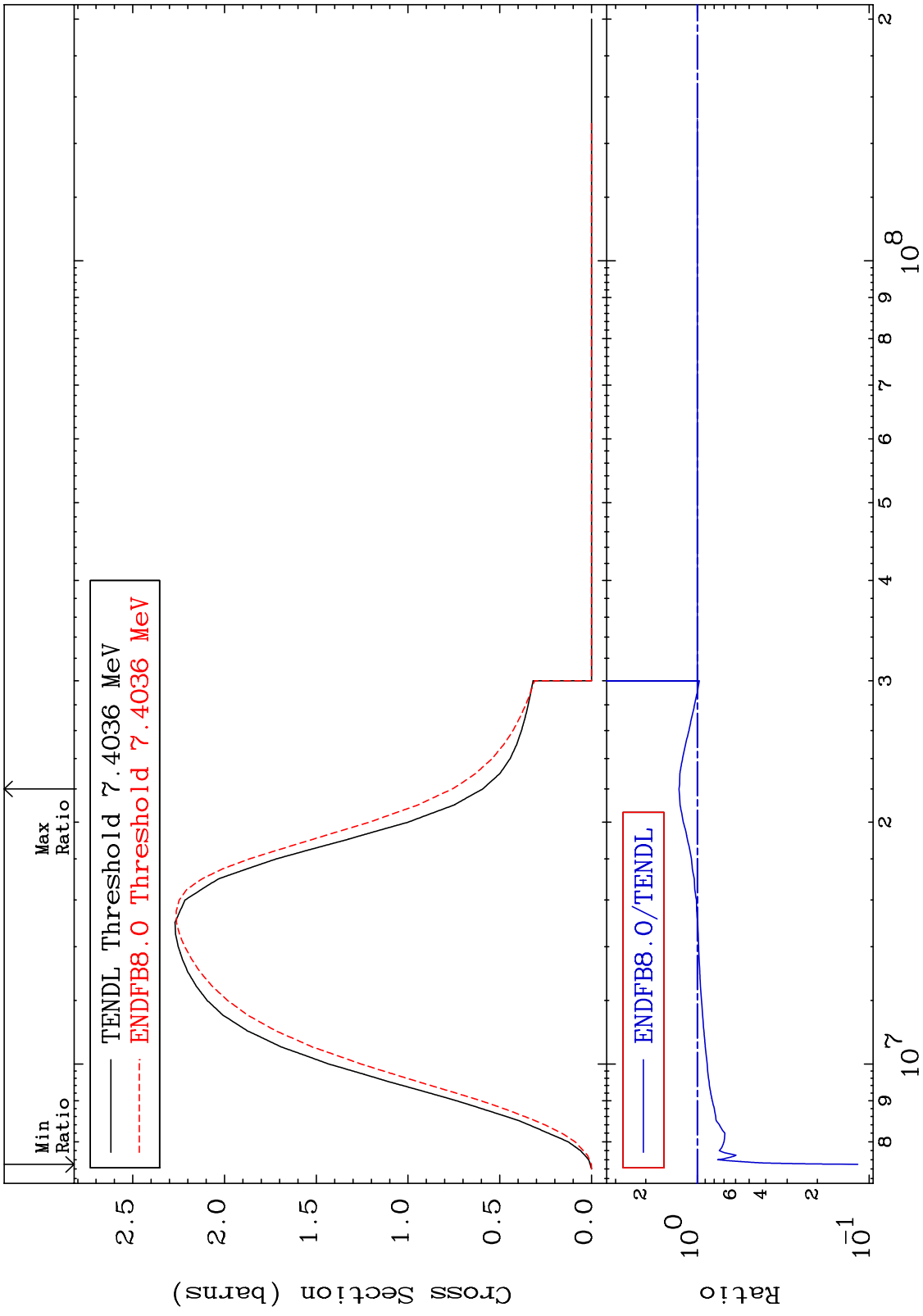
MAT 8237

(n,2n)

82-Pb-208

Cross Section

-88.37 To 27.96 %



5

Incident Energy (eV)

82-Pb-208

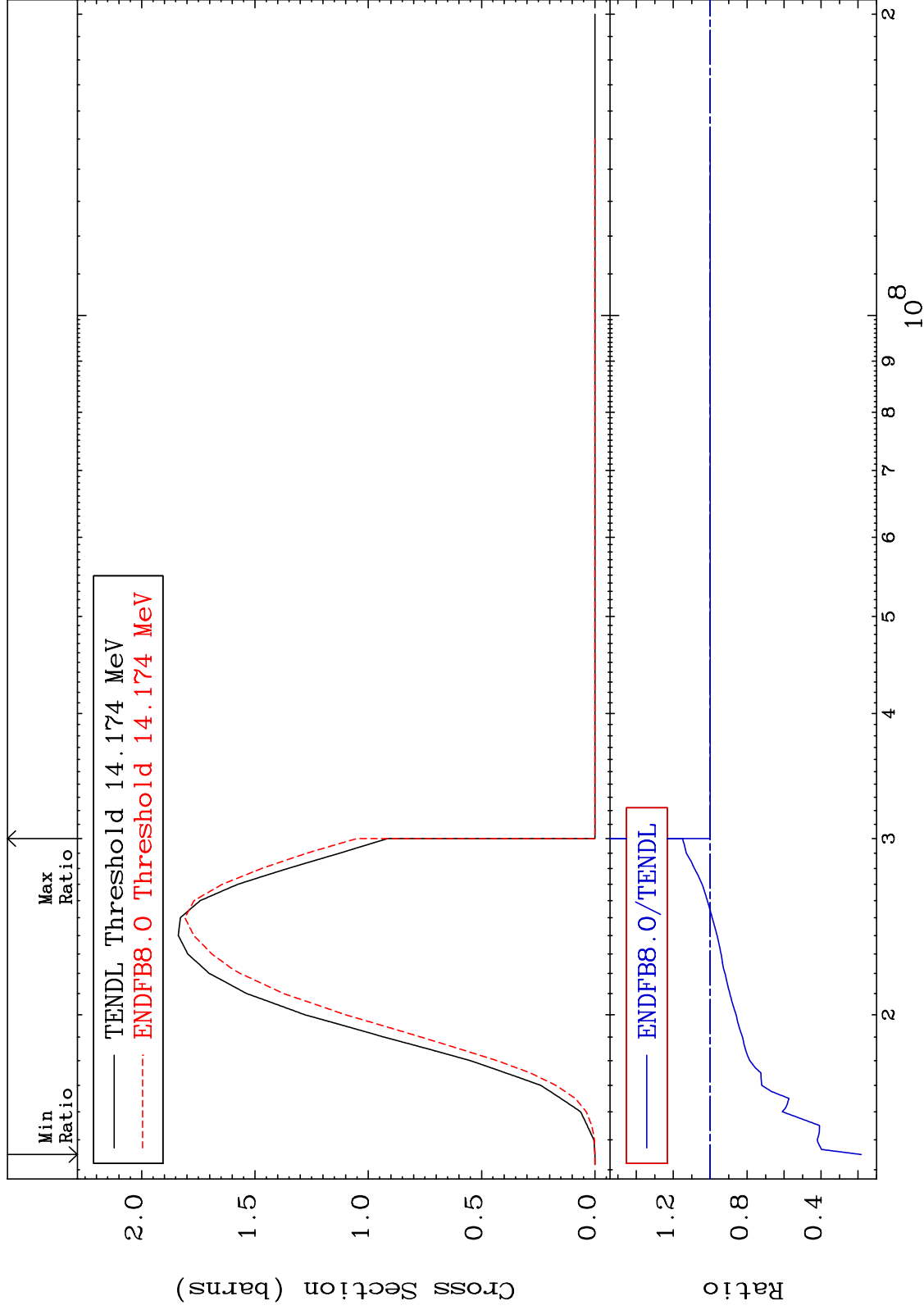
MAT 8237

(n,3n)

82-Pb-208

Cross Section

-81.76 To 15.02 %



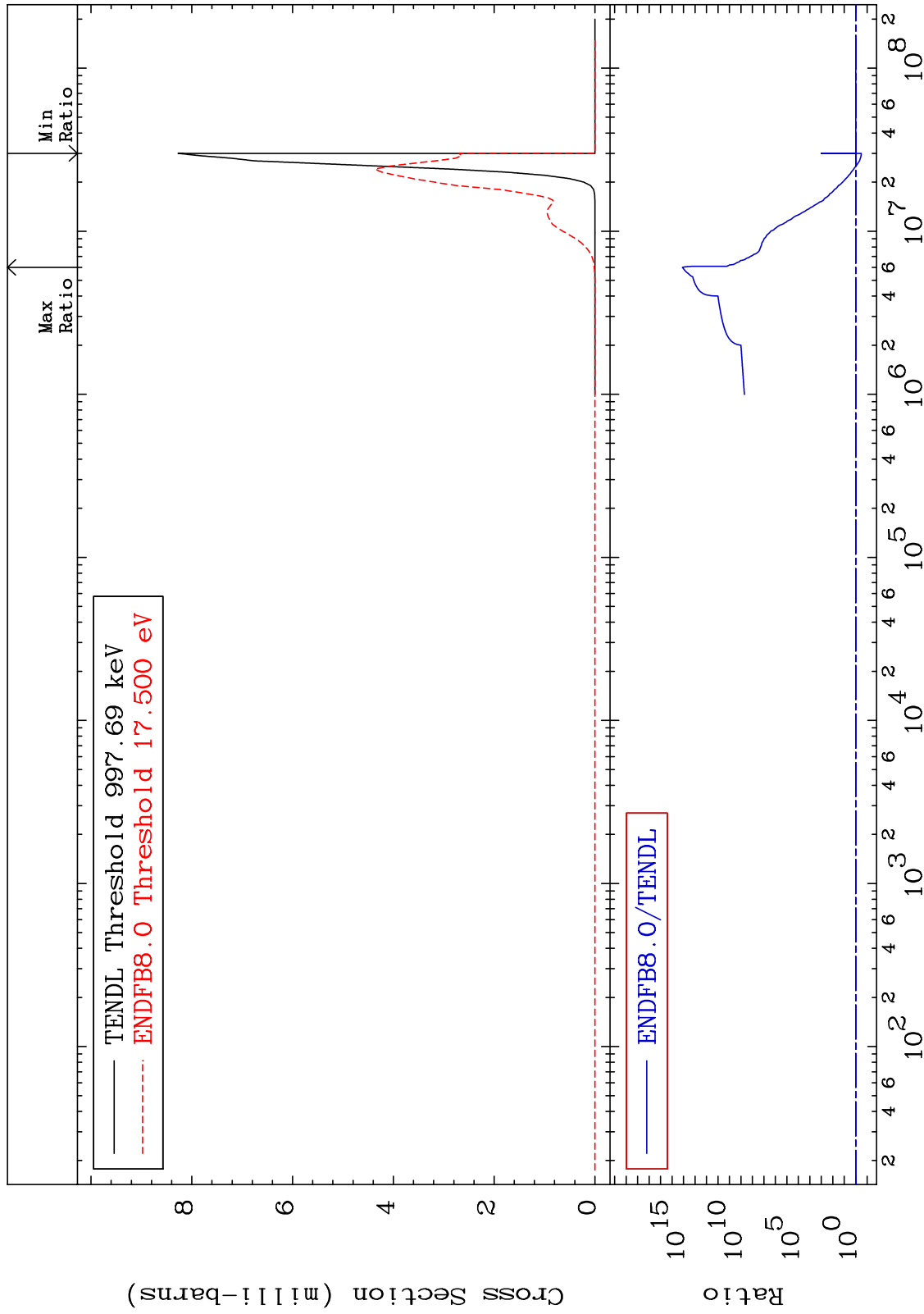
MAT 8237

(n, n') α

82-Pb-208

Cross Section

-67.41 To 9999. %



7

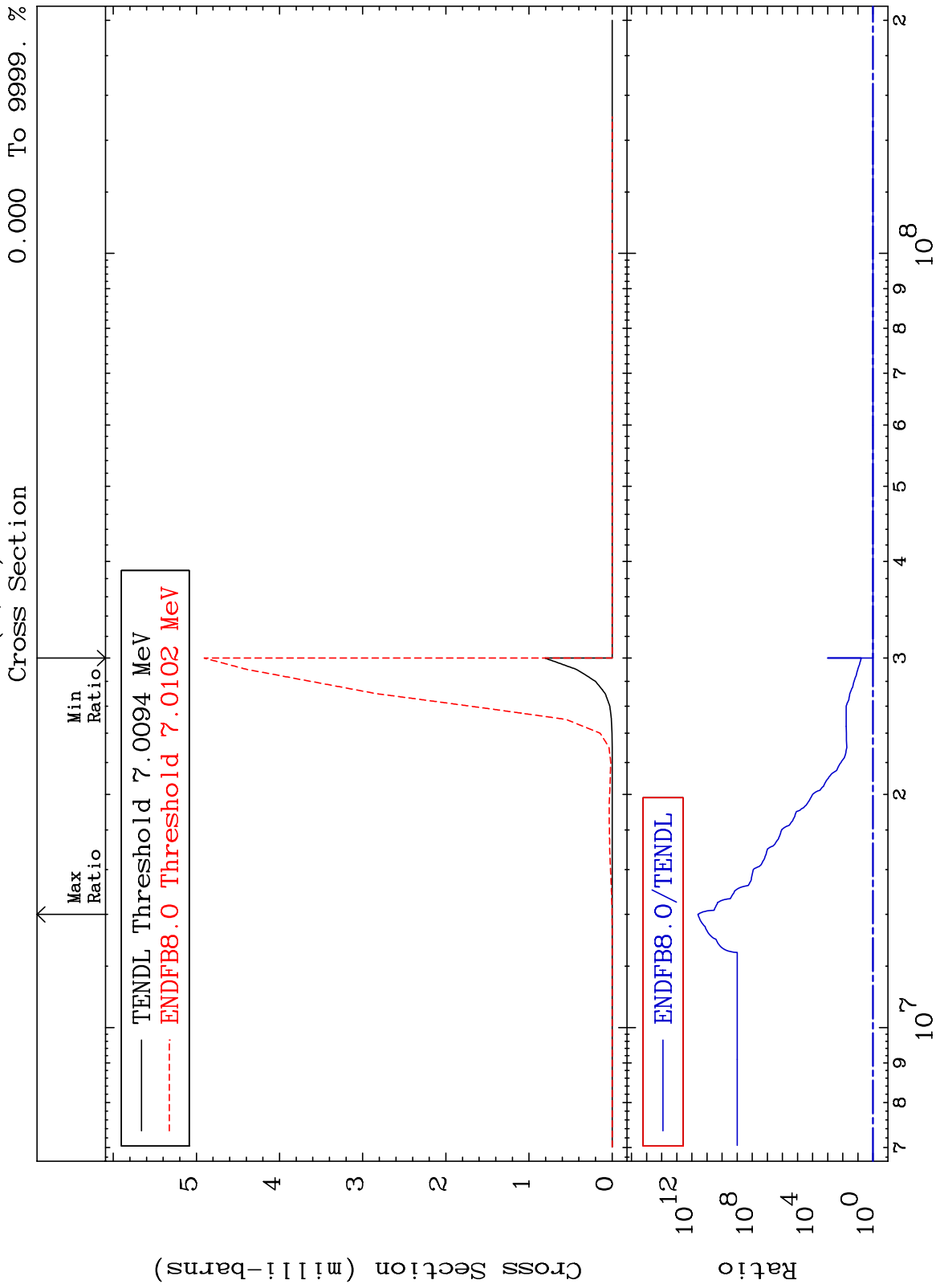
Incident Energy (eV)

82-Pb-208

MAT 8237

(n,2n) α

82-Pb-208
0.000 To 9999. %



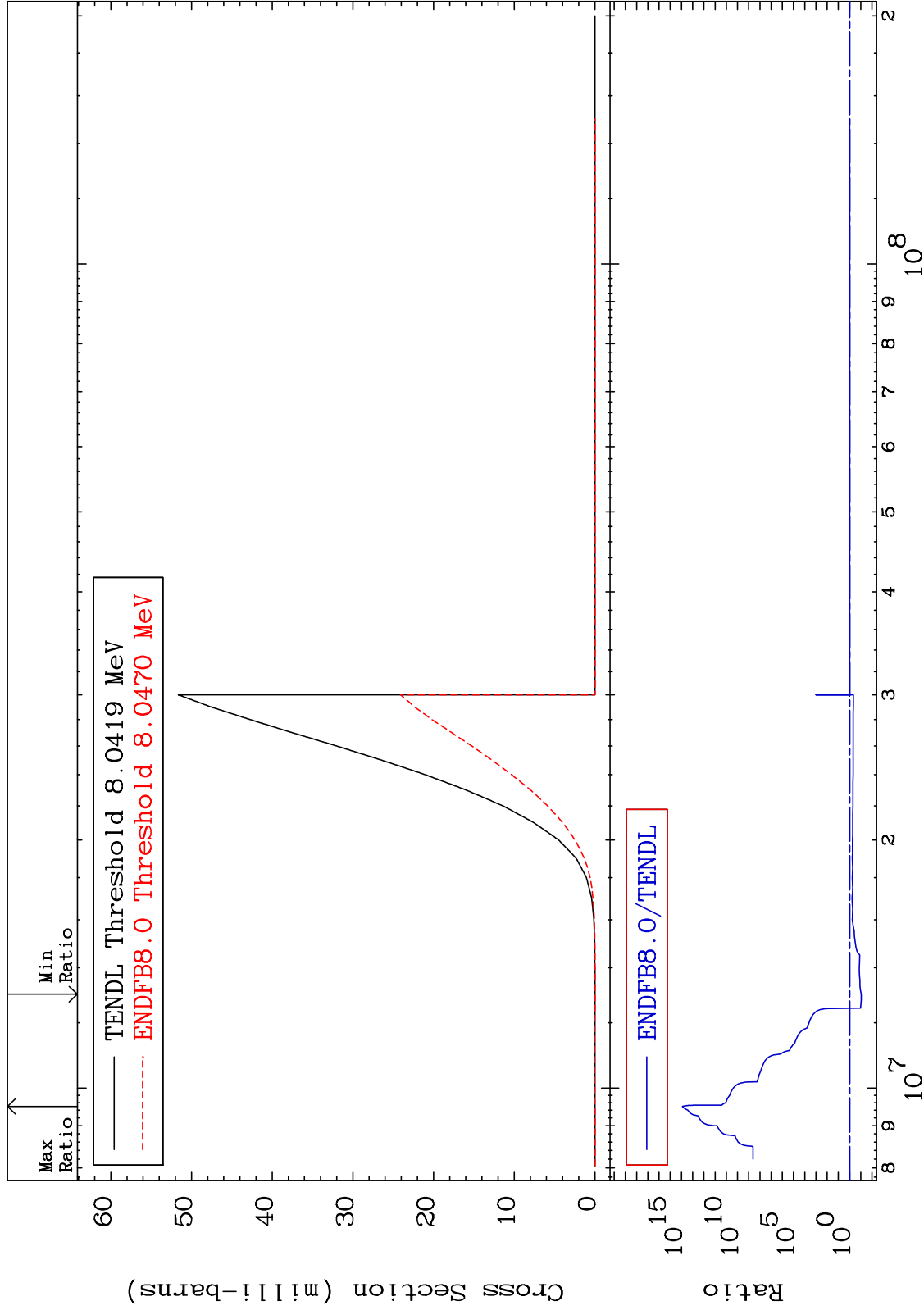
MAT 8237

(n,n') p

82-Pb-208

Cross Section

-90.96 To 9999. %

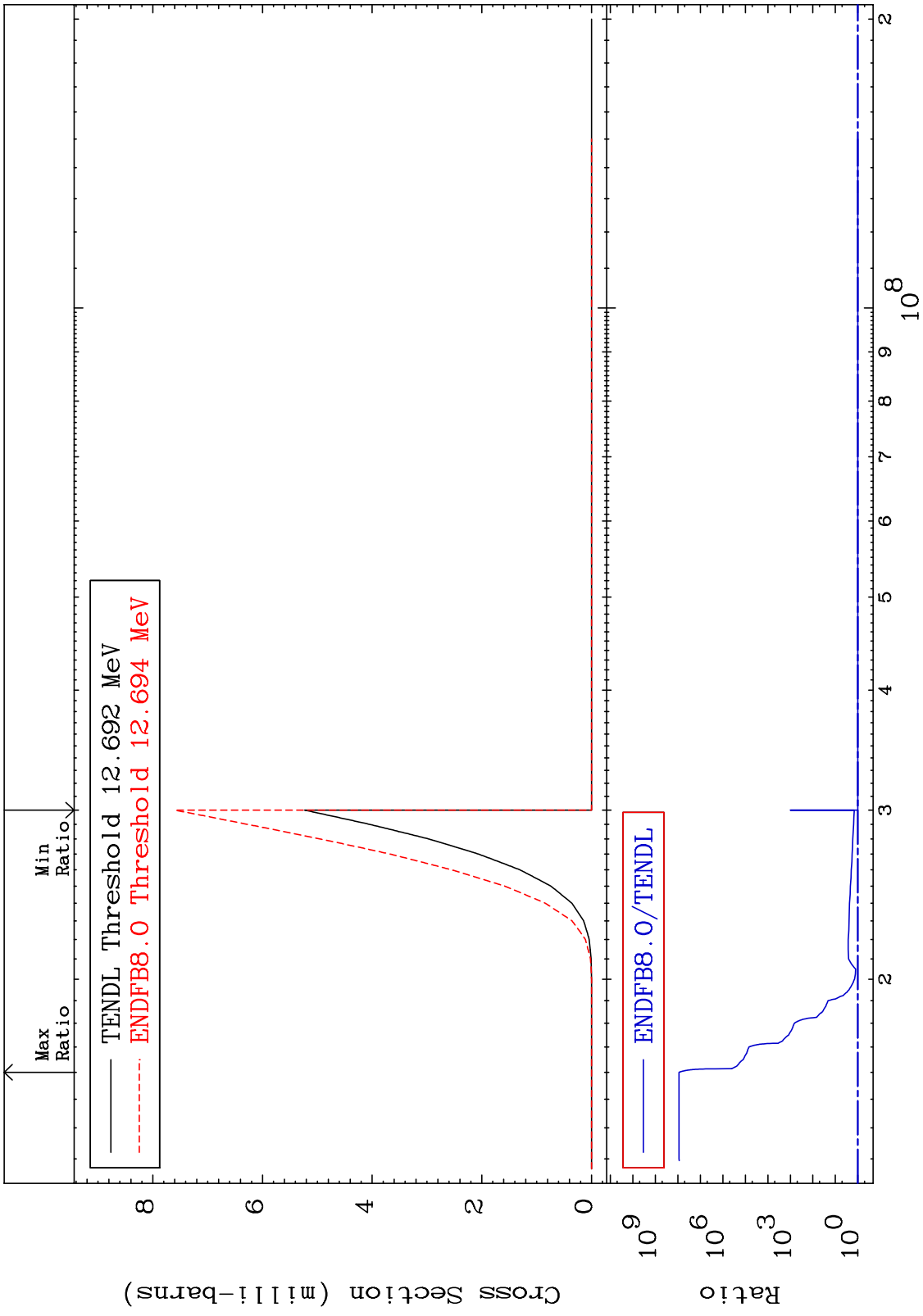


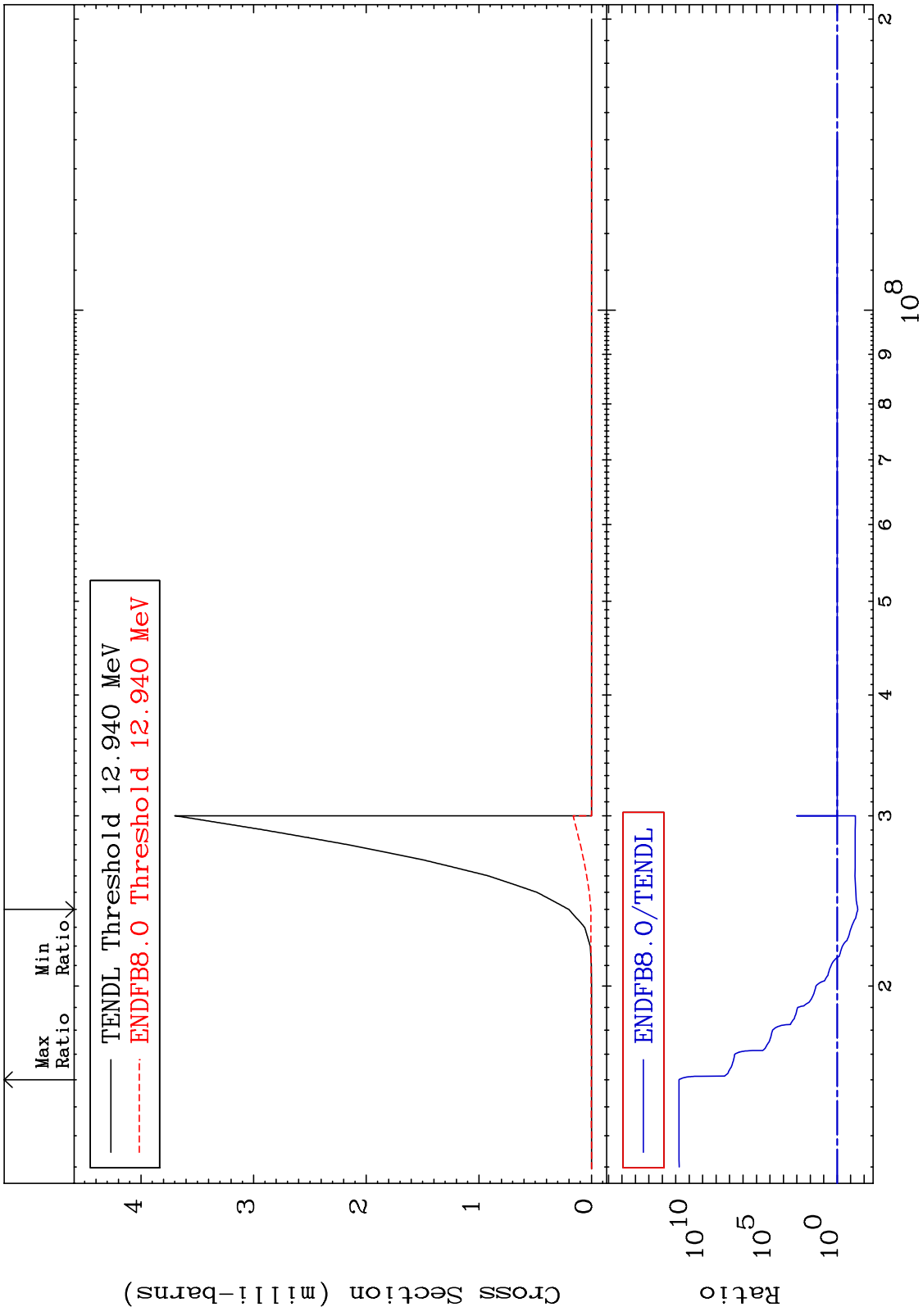
9

Incident Energy (eV)

82-Pb-208

MAT 8237 (n,n') d 82-Pb-208
 Cross Section 0.000 To 9999. %





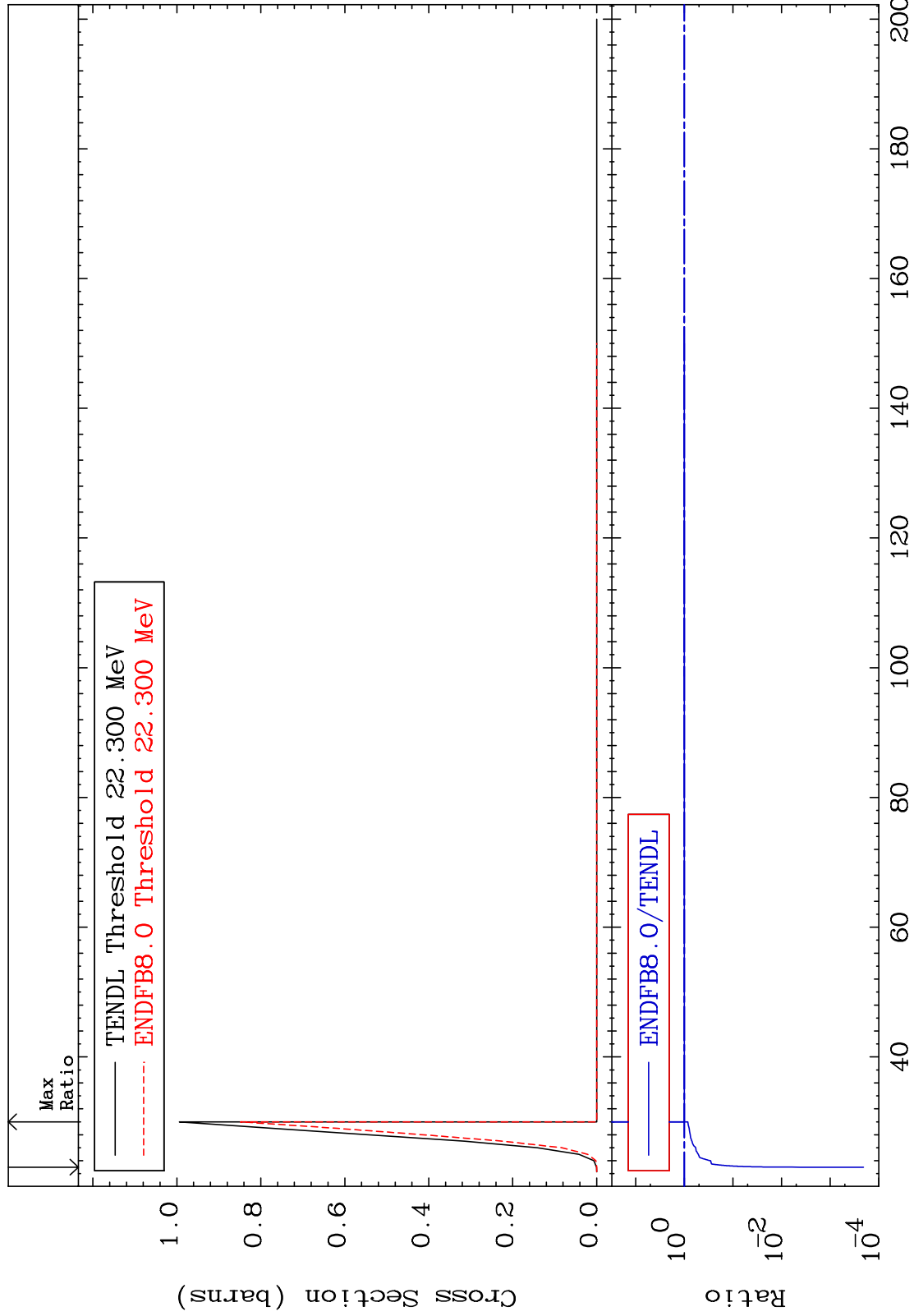
MAT 8237

(n,4n)

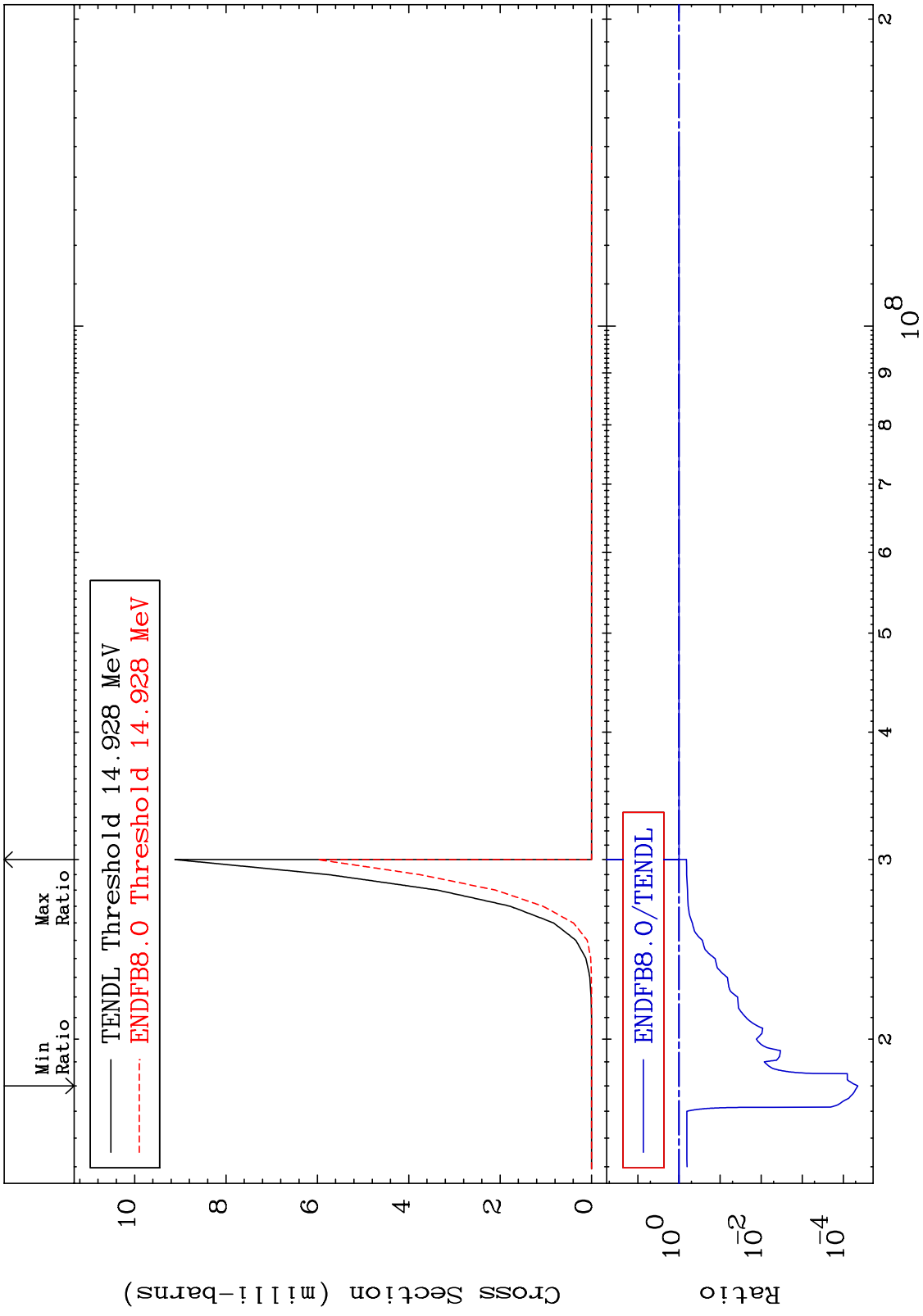
82-Pb-208

Cross Section

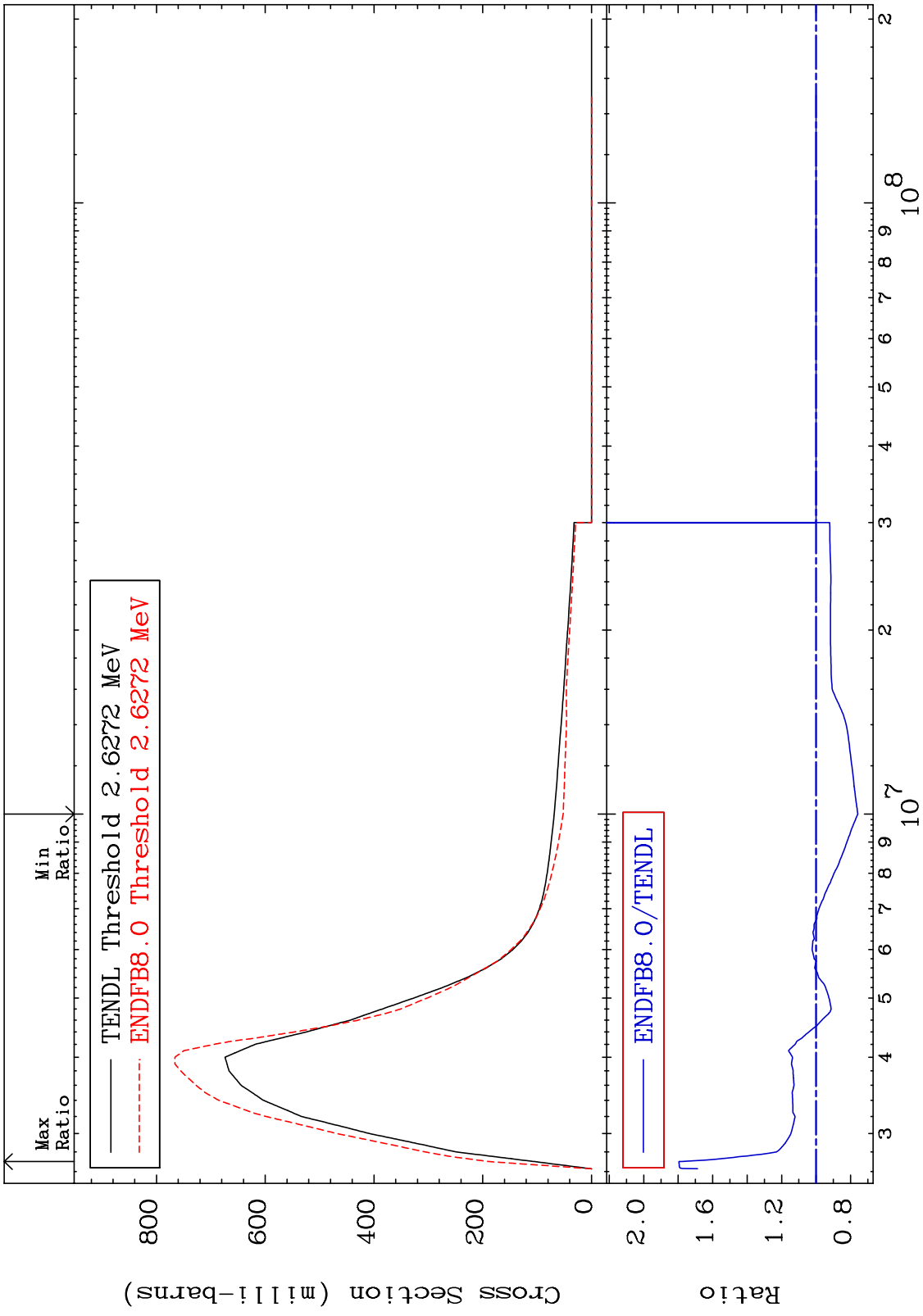
-99.98 To 0.000 %



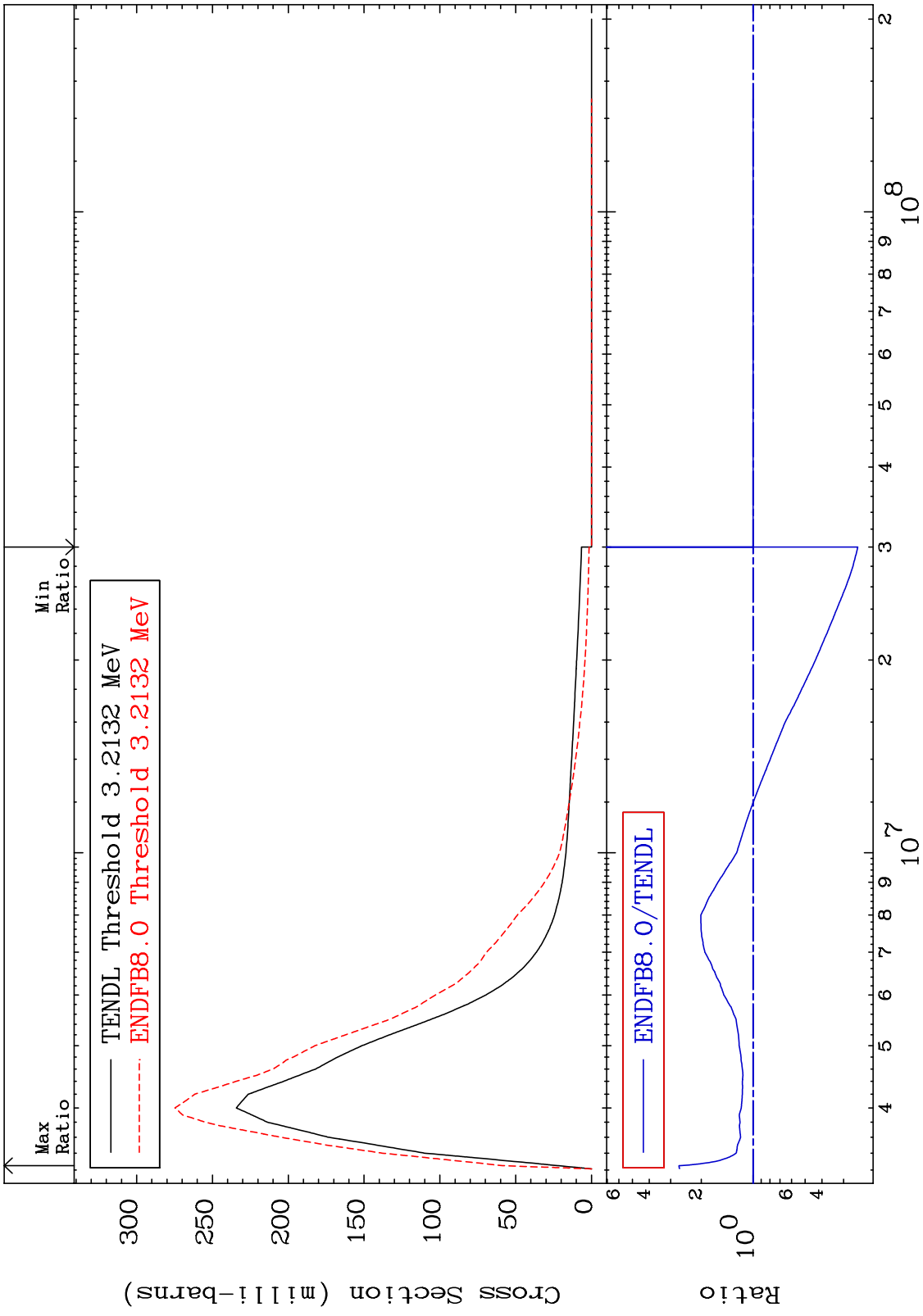
MAT 8237 (n,2n) p 82-Pb-208
 Cross Section -100.0 To 0.000 %



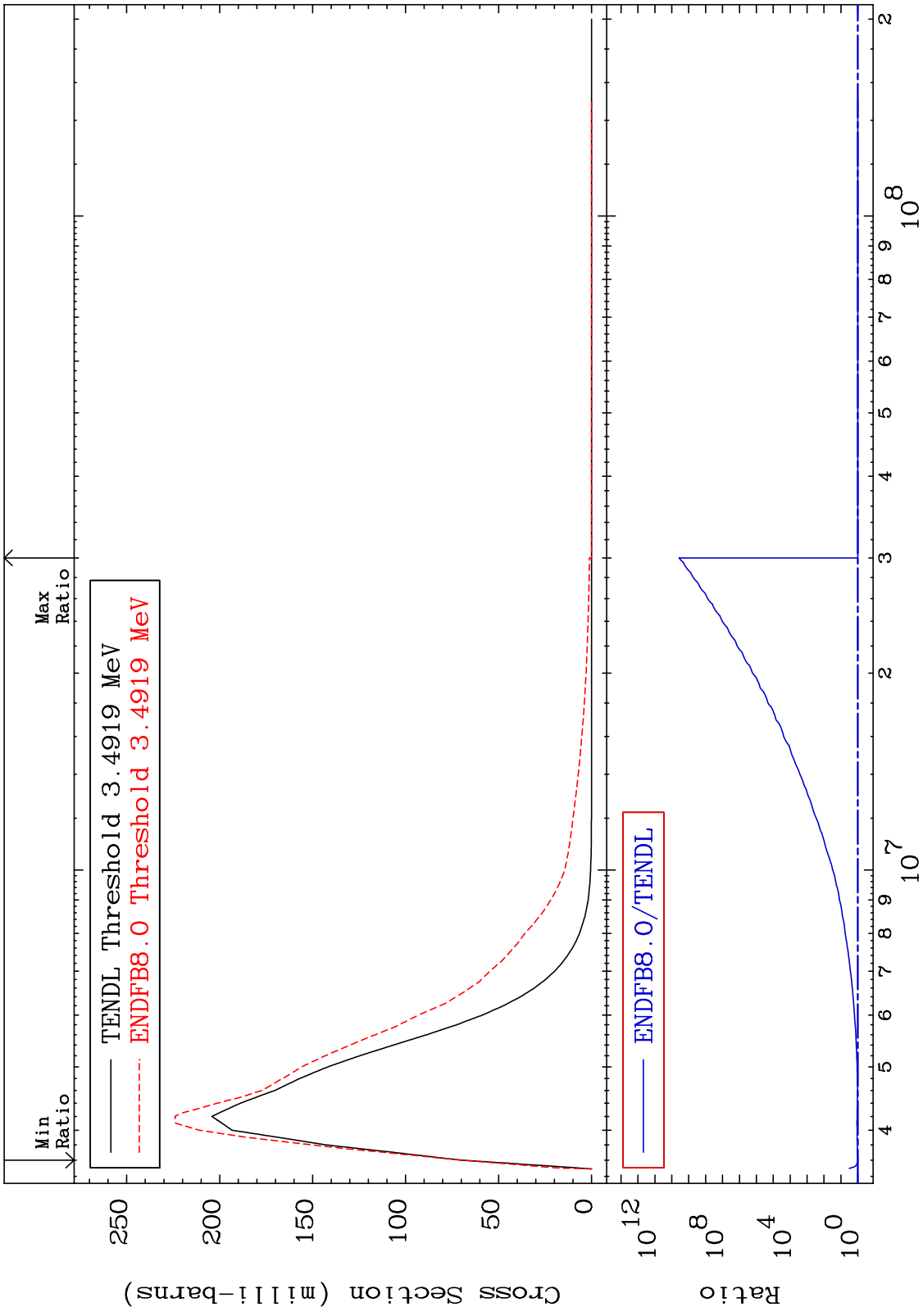
MAT 8237 MT= 51 (n,n') Level Cross Section 82-Pb-208
 -24.22 To 79.50 %



MAT 8237 MT= 52 (n,n') Level Cross Section -75.23 To 168.6 % 82-Pb-208



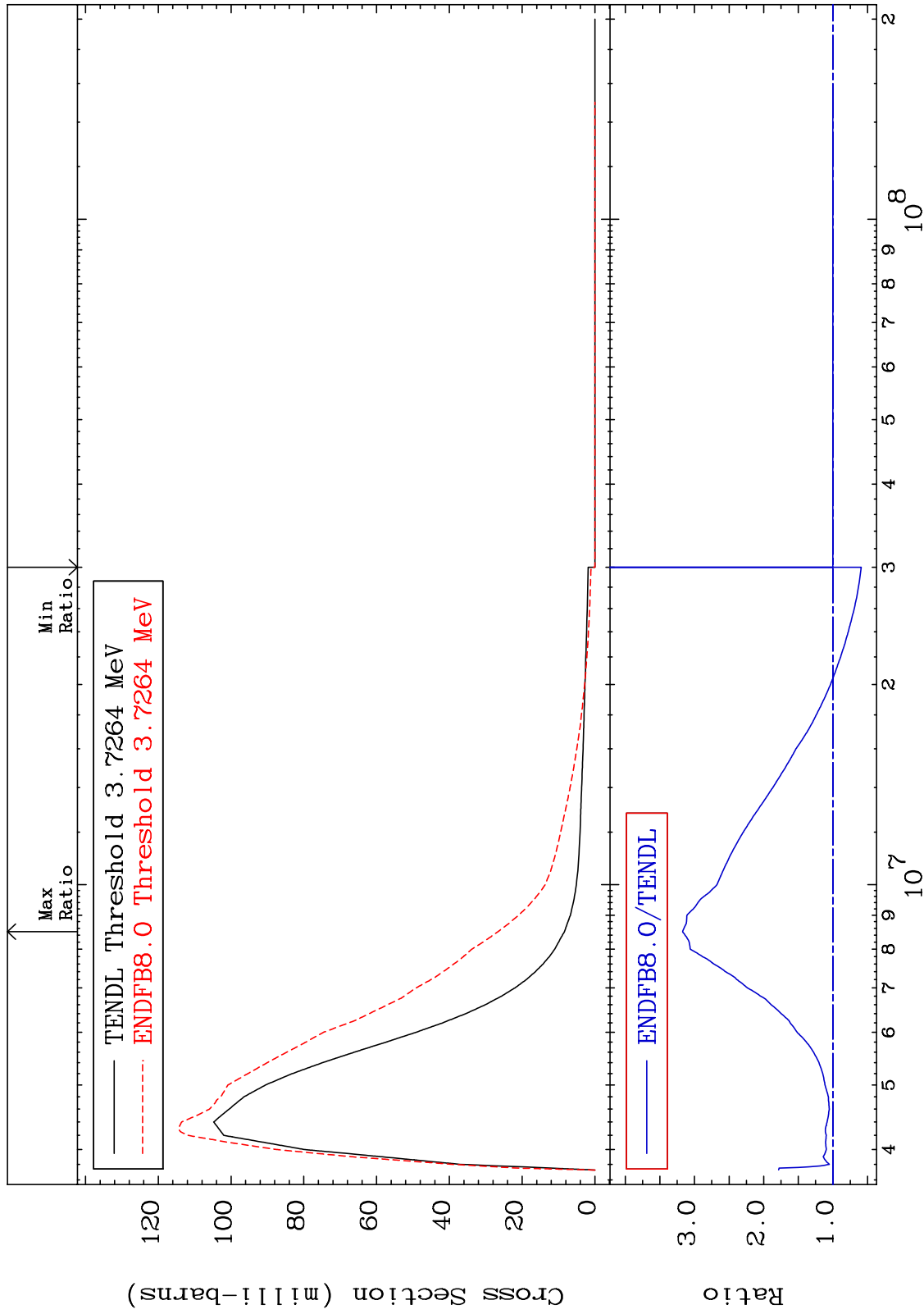
MAT 8237 MT= 53 (n,n') Level Cross Section 82-Pb-208 -0.403 To 9999. %



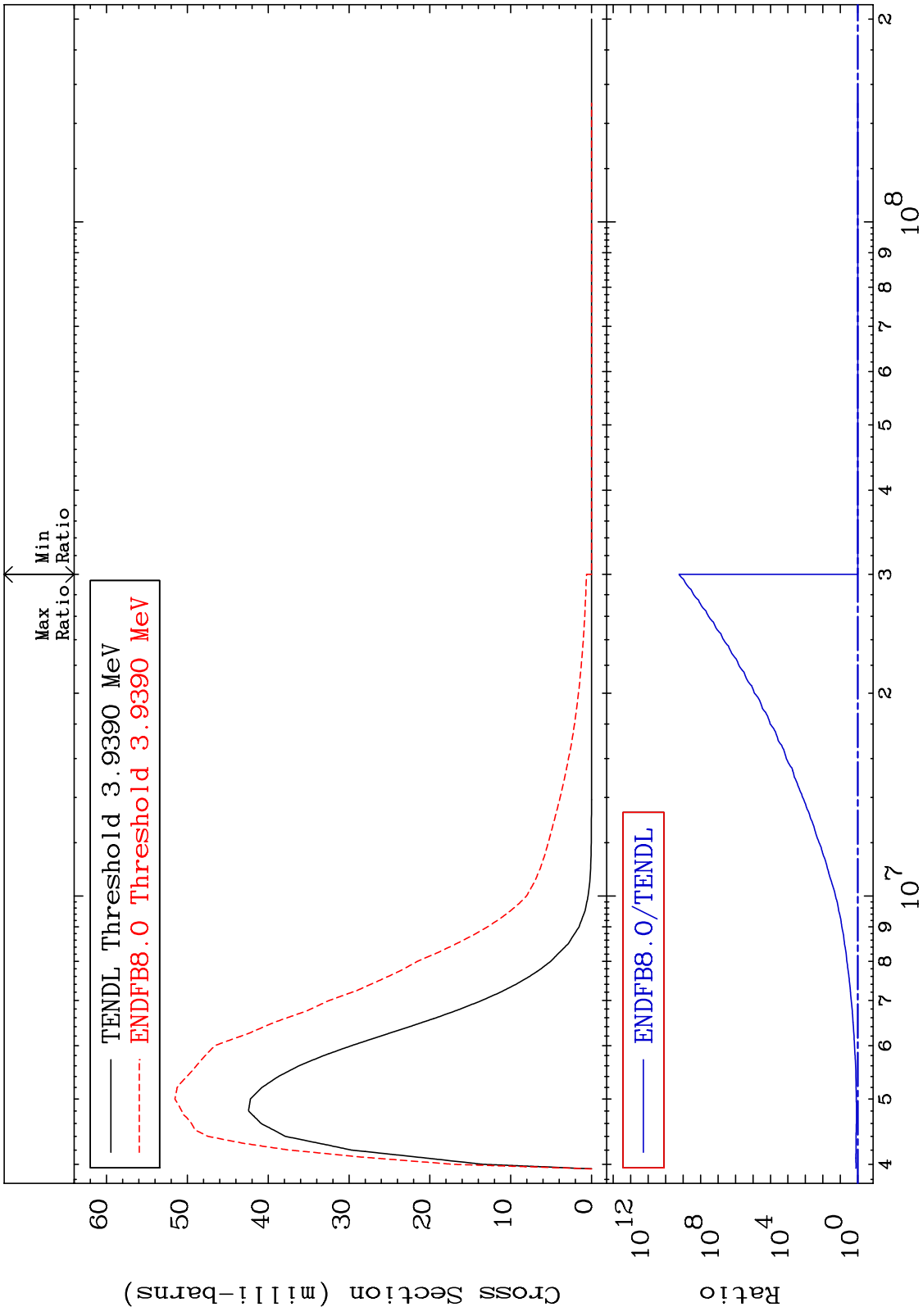
MAT 8237

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

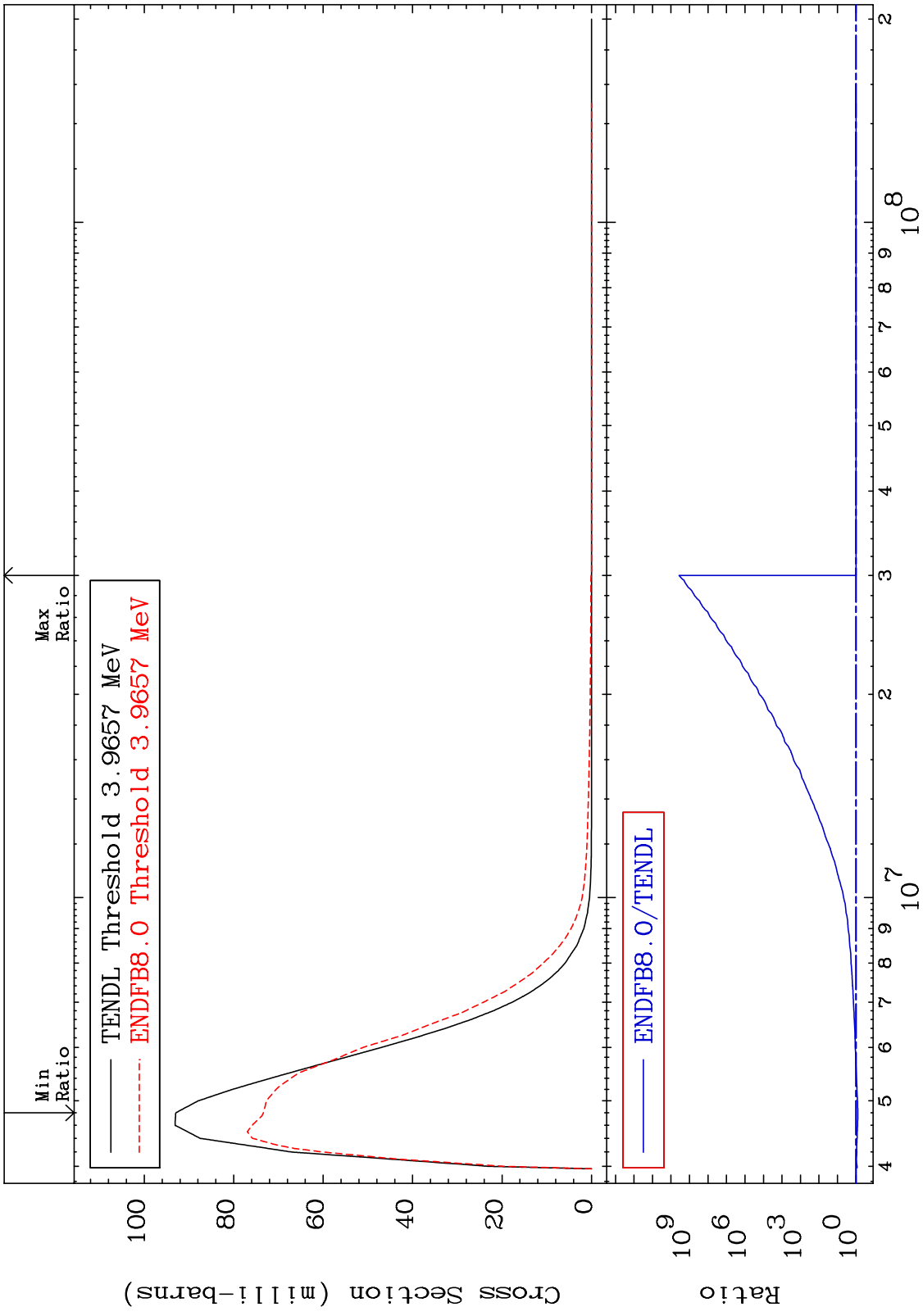
82-Pb-208
-40.97 To 217.4 %



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



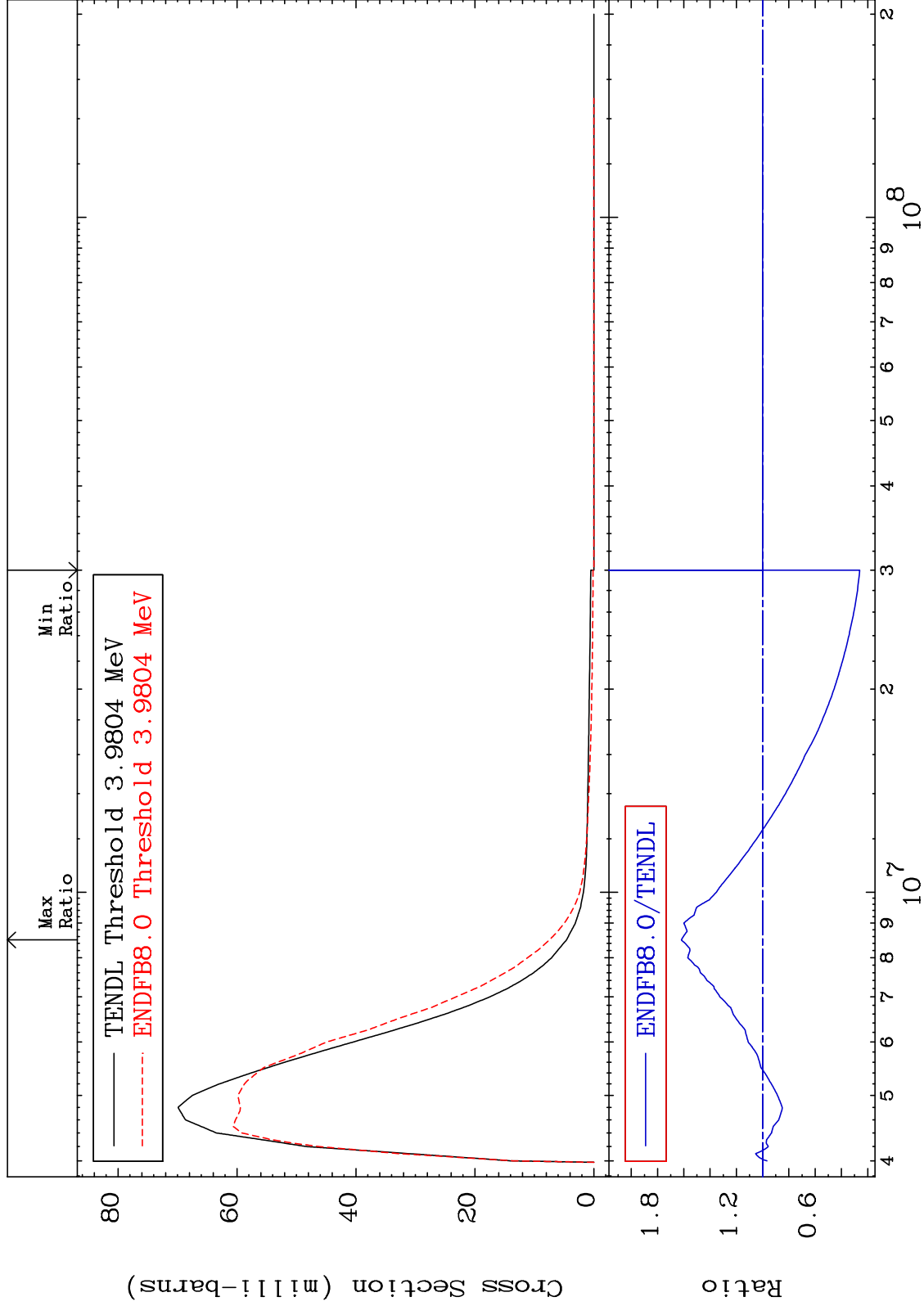
MAT 8237 MT= 56 (n,n') Level 82-Pb-208
 Cross Section -21.10 To 9999. %



MAT 8237

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

82-Pb-208
-73.97 To 61.96 %

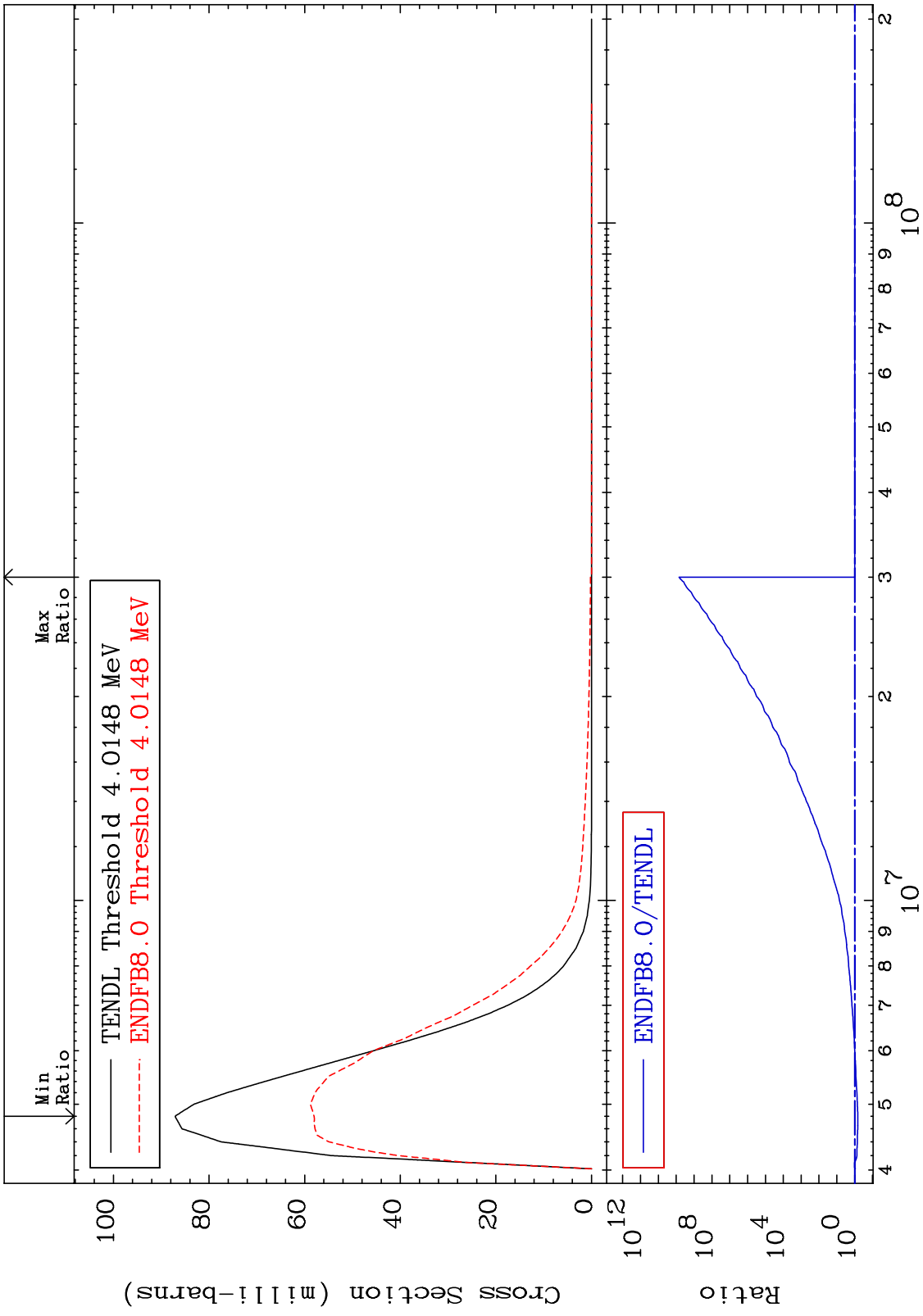


20

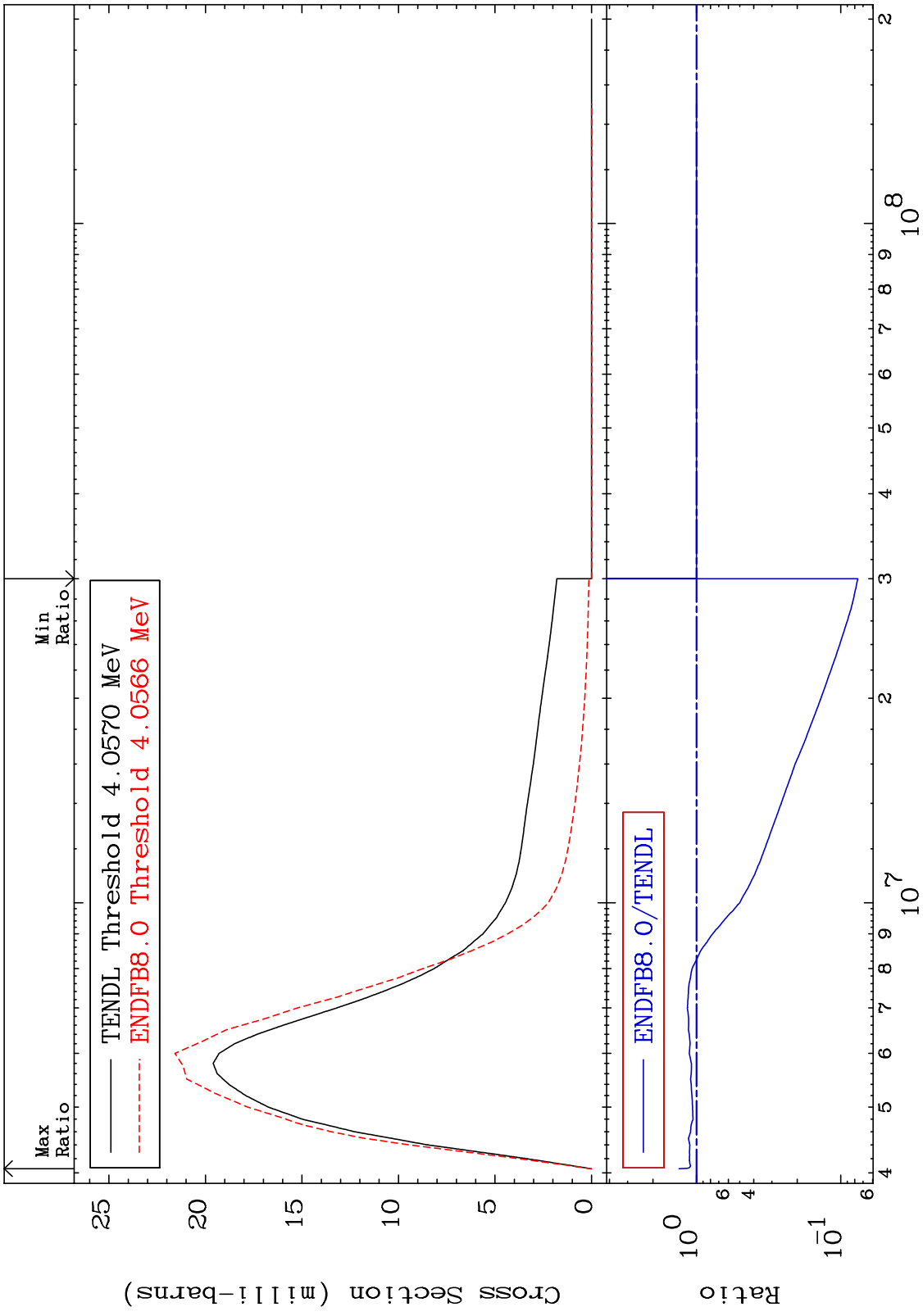
Incident Energy (eV)

82-Pb-208

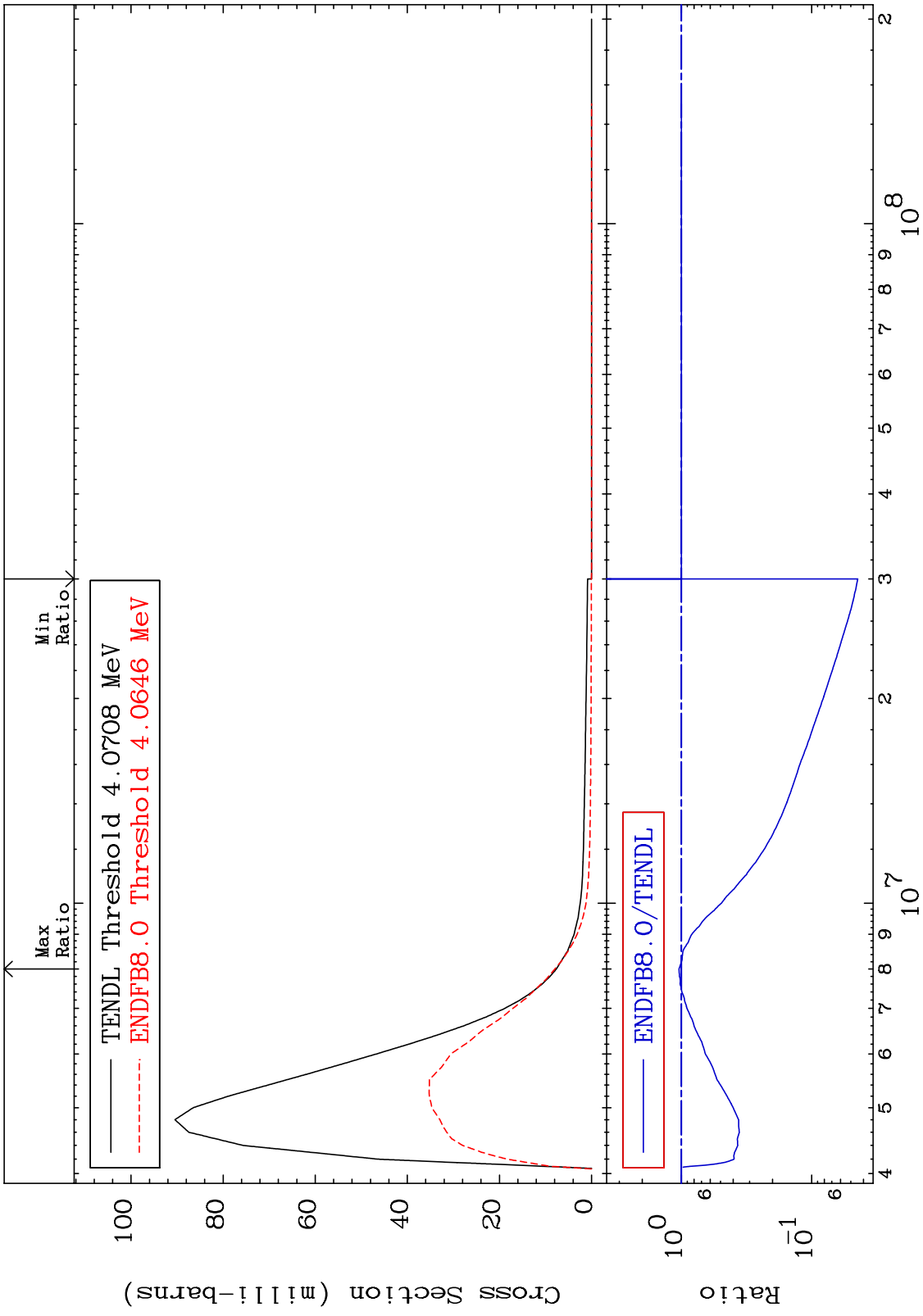
MAT 8237 MT= 58 (n,n') Level Cross Section 82-Pb-208
 -33.42 To 9999. %



MAT 8237 MT= 59 (n,n') Level Cross Section 82-Pb-208 -92.39 To 31.86 %



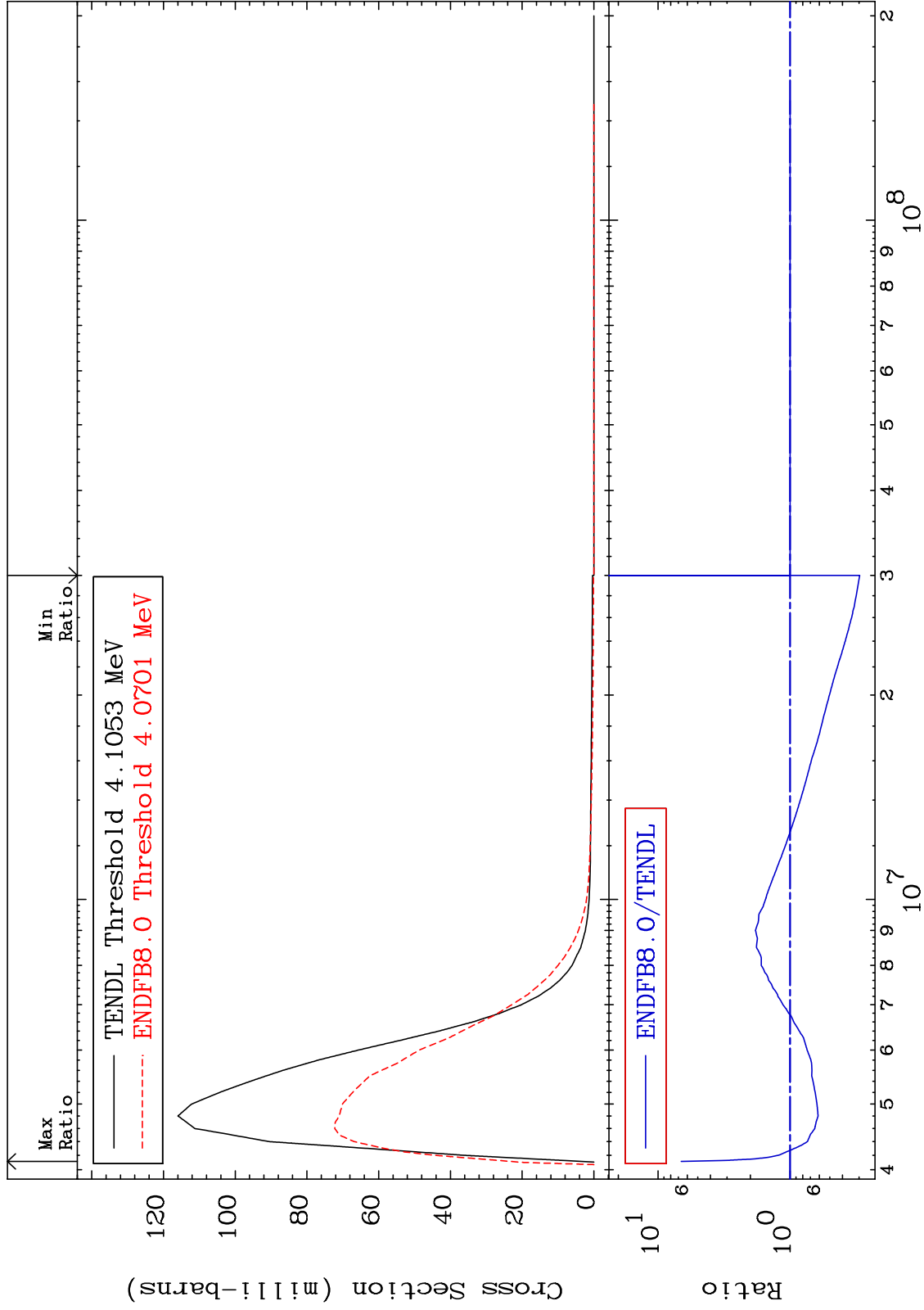
MAT 8237 MT= 60 (n,n') Level Cross Section 82-Pb-208 -95.58 To 4.288 %



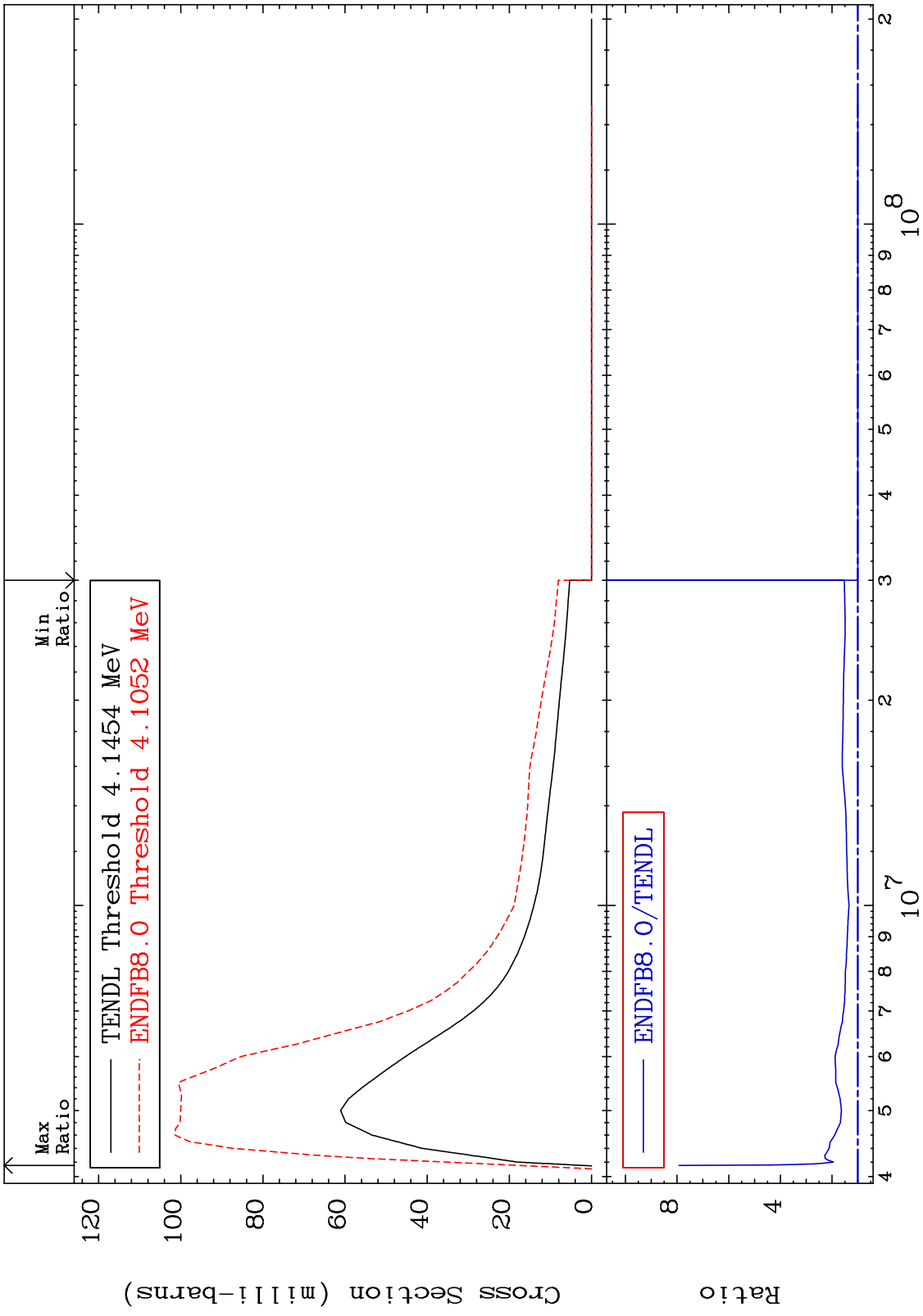
MAT 8237

MT= 61 (n,n') Level
Cross Section

82-Pb-208
-70.39 To 566.6 %



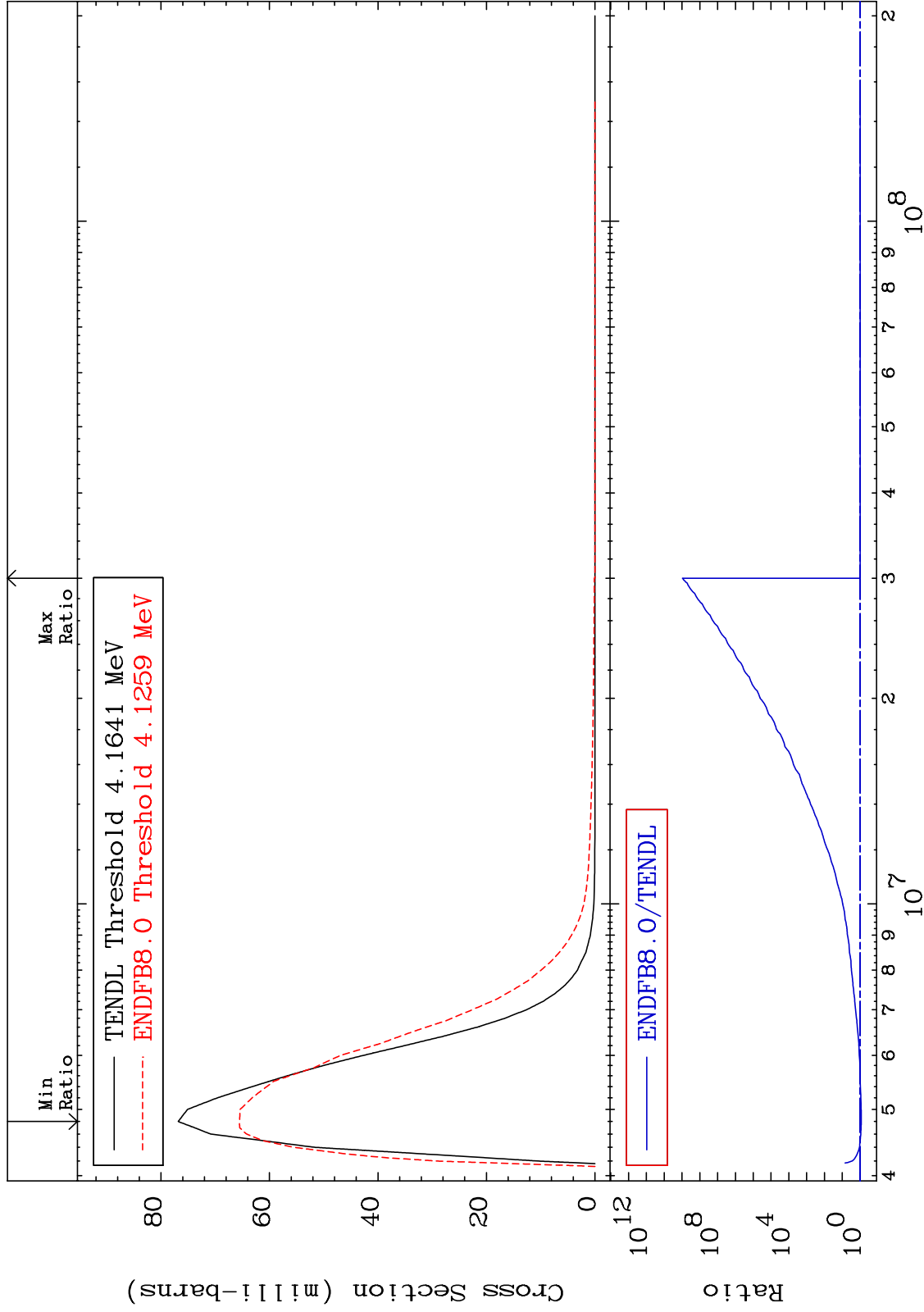
MAT 8237 MT= 62 (n,n') Level Cross Section 82-Pb-208 To 692.4 %



MAT 8237

MT= 63 (n,n') Level
Cross Section

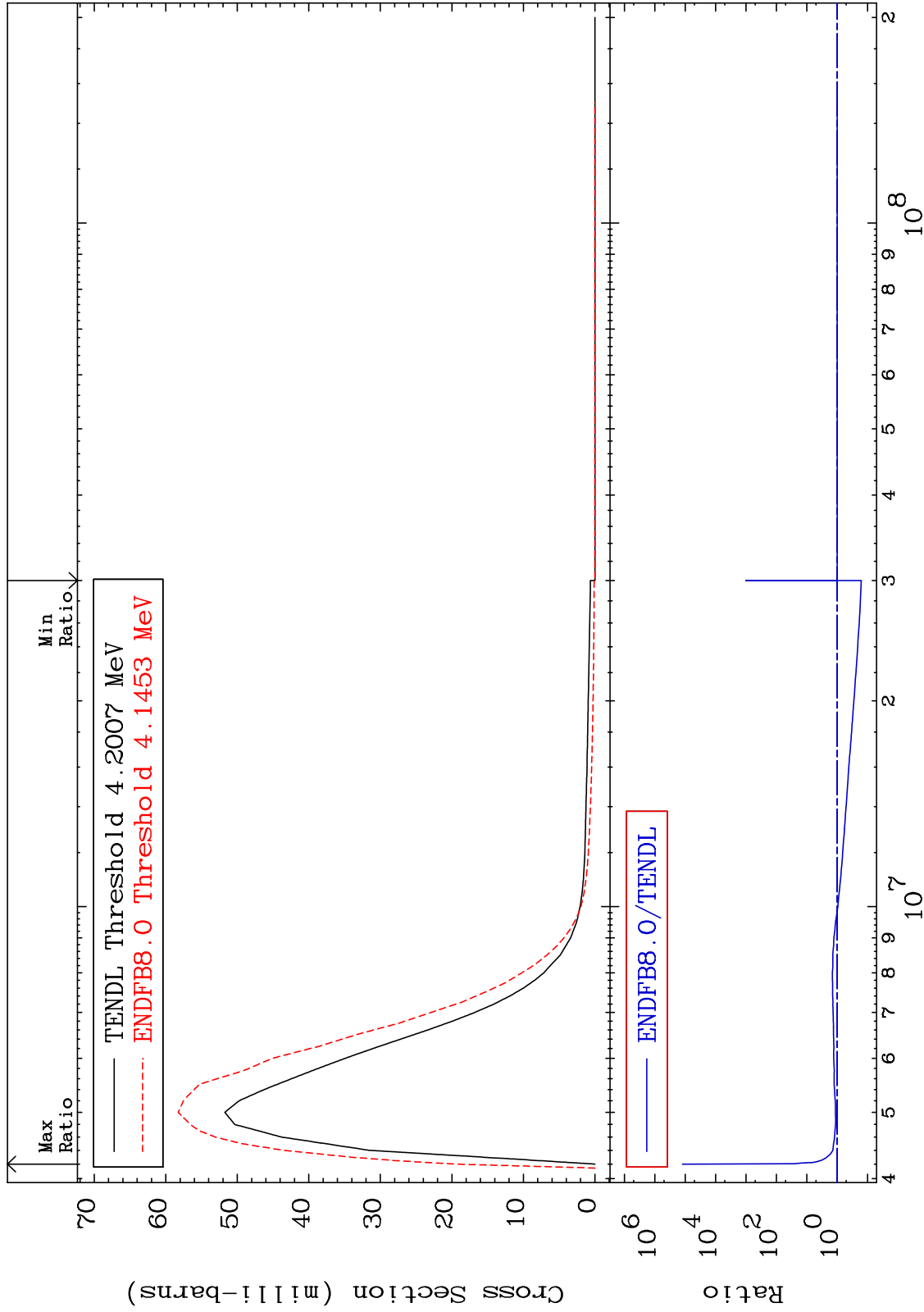
82-Pb-208
-14.70 To 9999. %



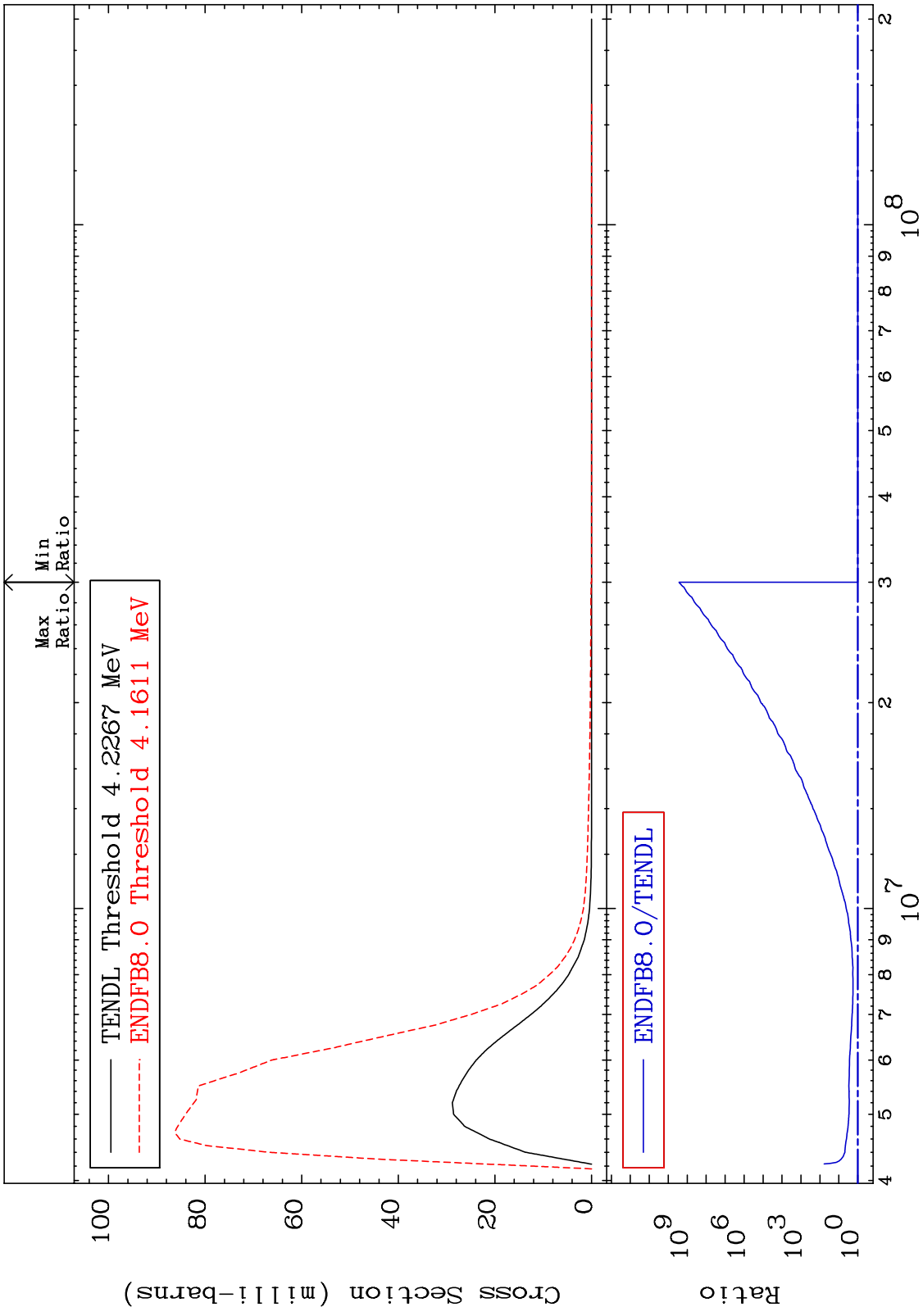
MAT 8237

MT= 64 (n,n') Level
Cross Section

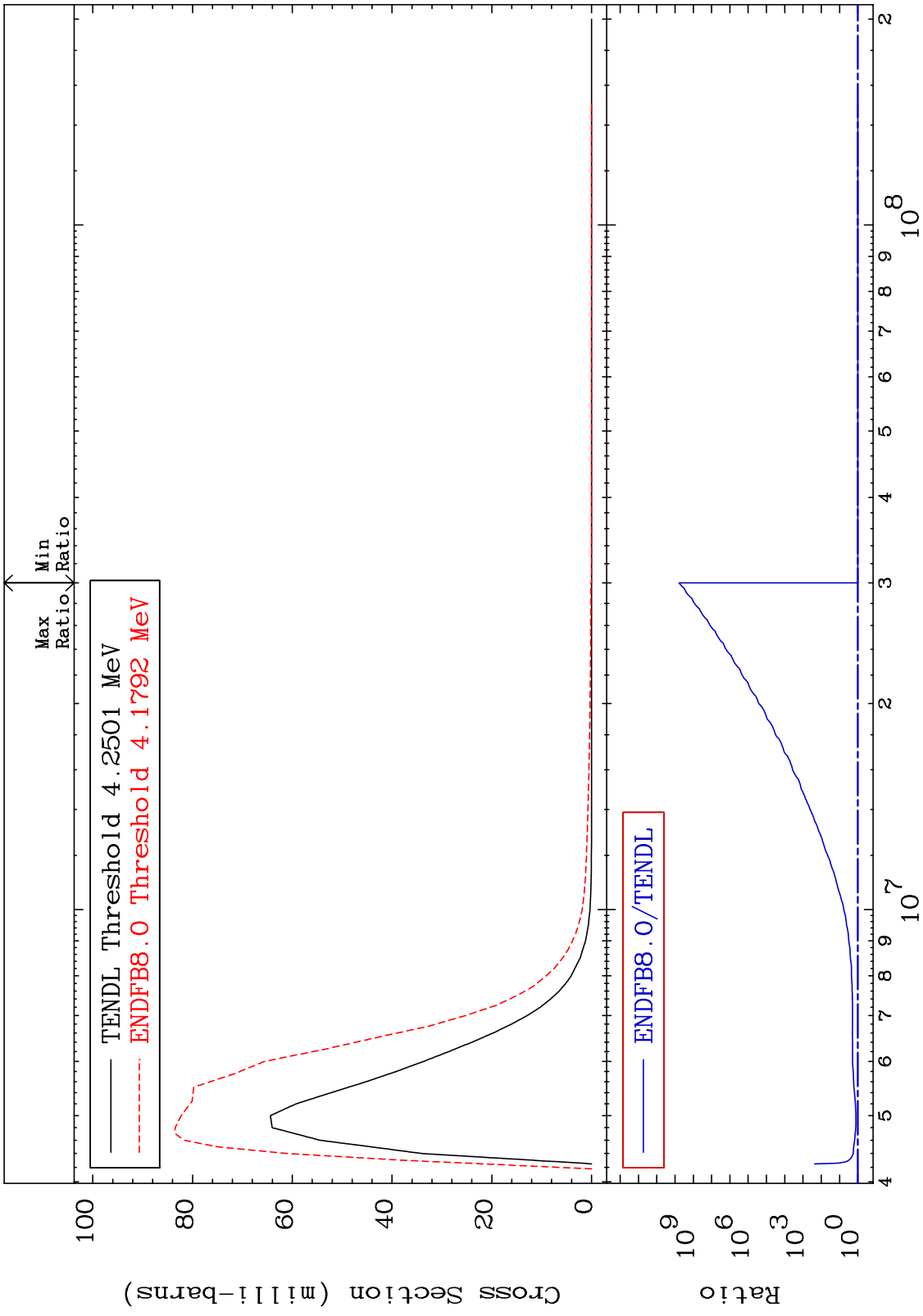
82-Pb-208
-84.01 To 9999. %



MAT 8237 MT= 65 (n,n') Level Cross Section 82-Pb-208 To 9999. %



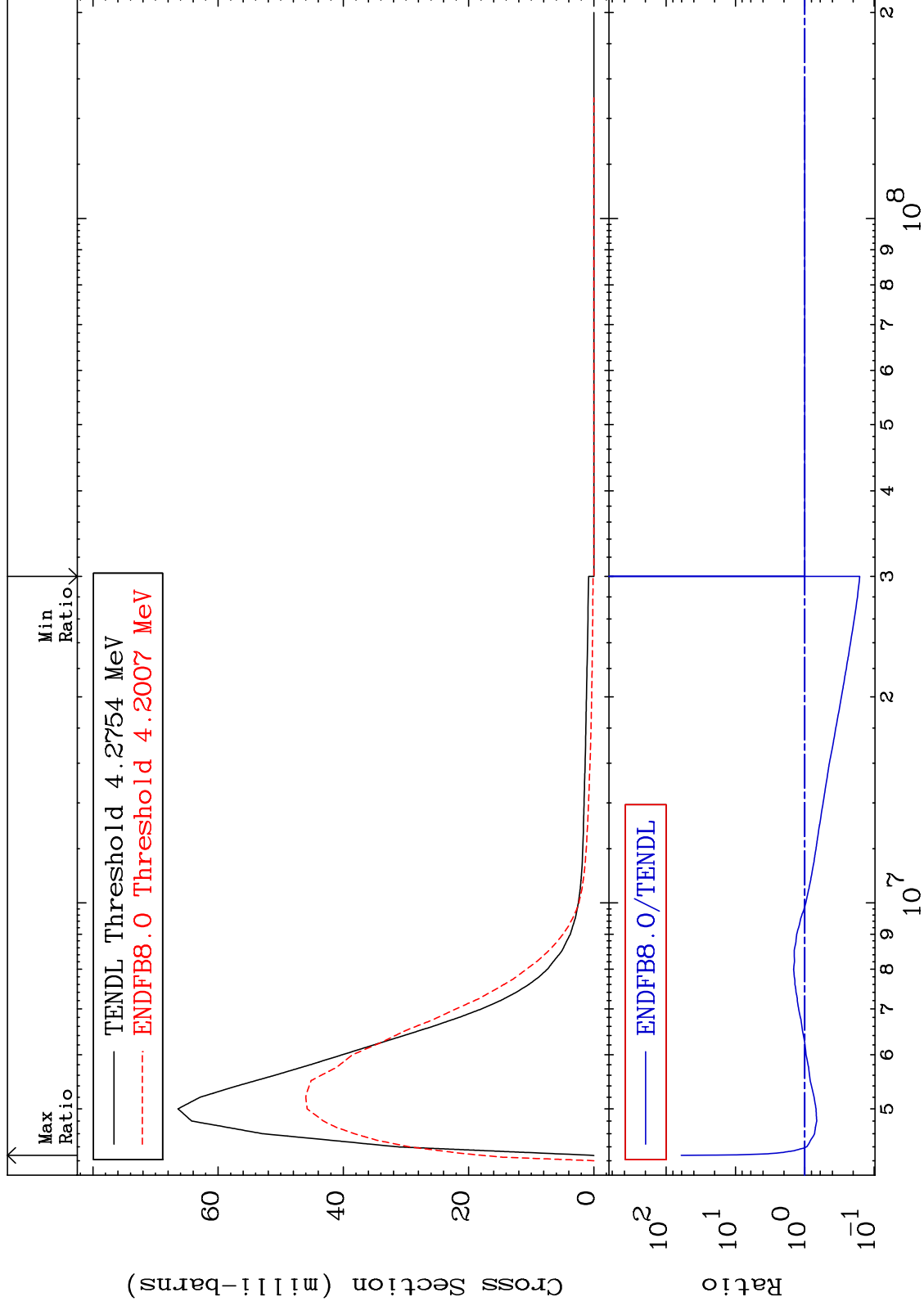
MAT 8237 MT= 66 (n,n') Level Cross Section 82-Pb-208 To 9999. %



MAT 8237

MT= 67 (n,n') Level
Cross Section

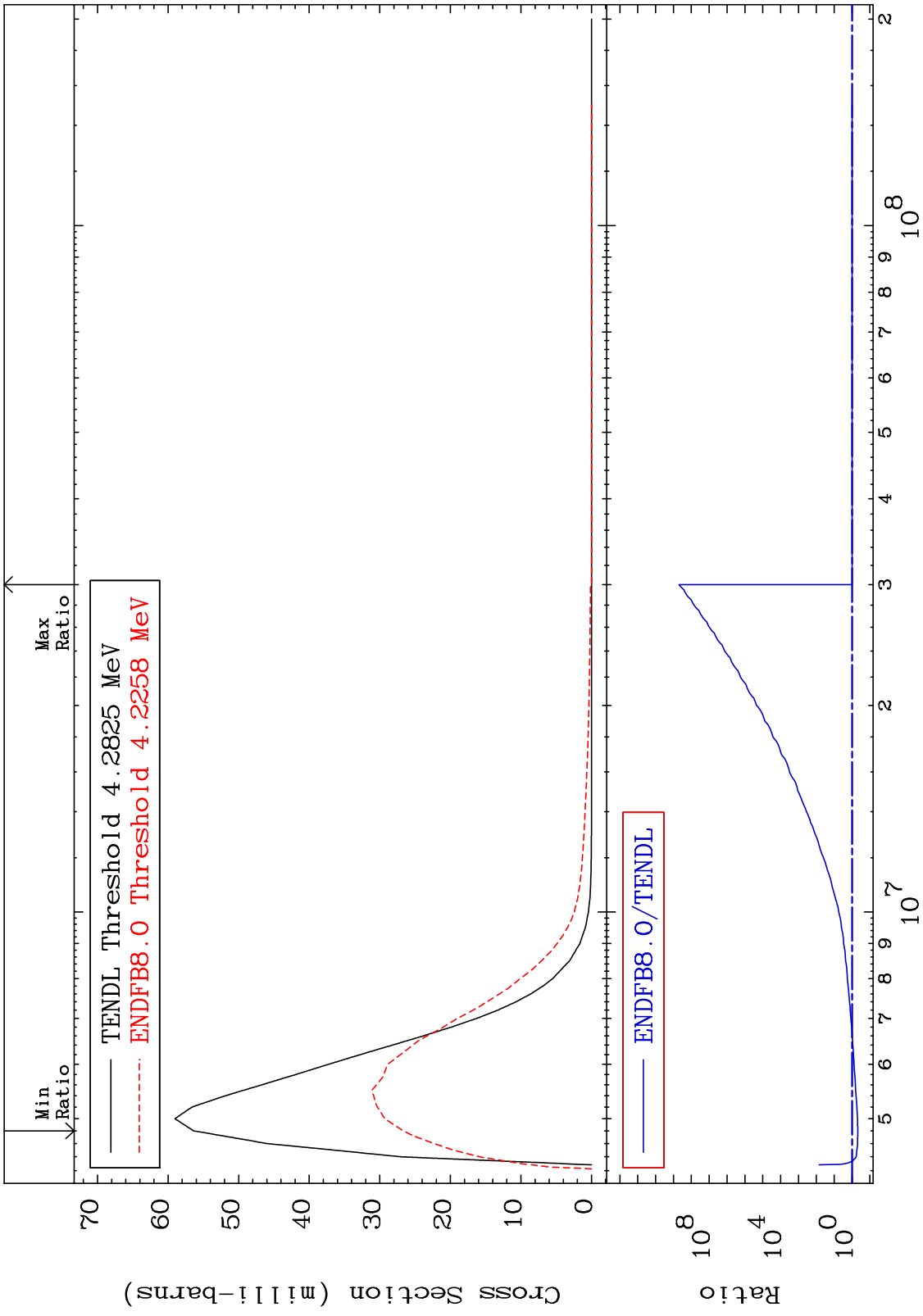
82-Pb-208
-83.92 To 5957. %



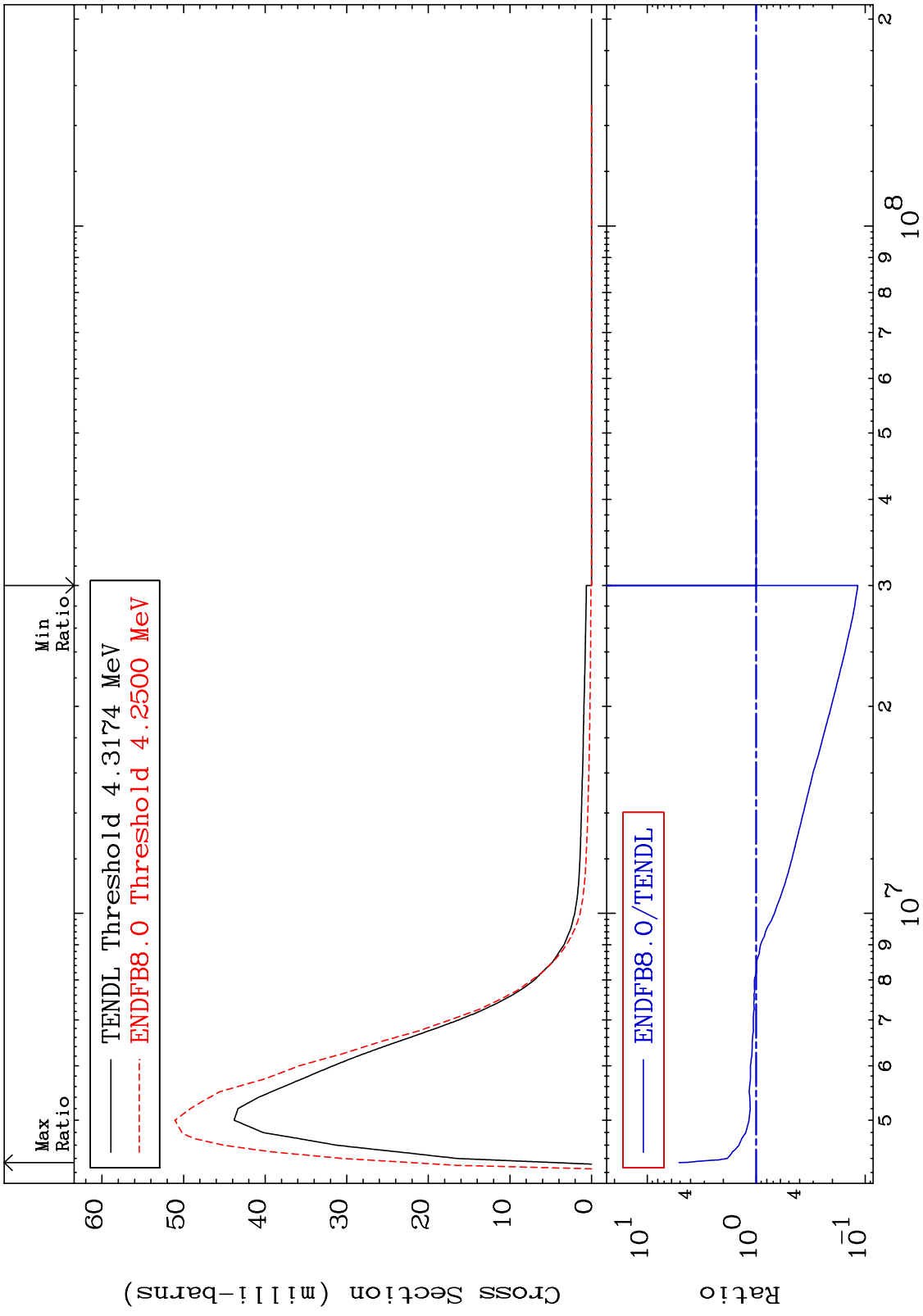
30

82-Pb-208

MAT 8237 MT= 68 (n,n') Level Cross Section 82-Pb-208
 -52.68 To 9999. %



MAT 8237 MT= 69 (n,n') Level Cross Section -88.32 To 410.9 % 82-Pb-208

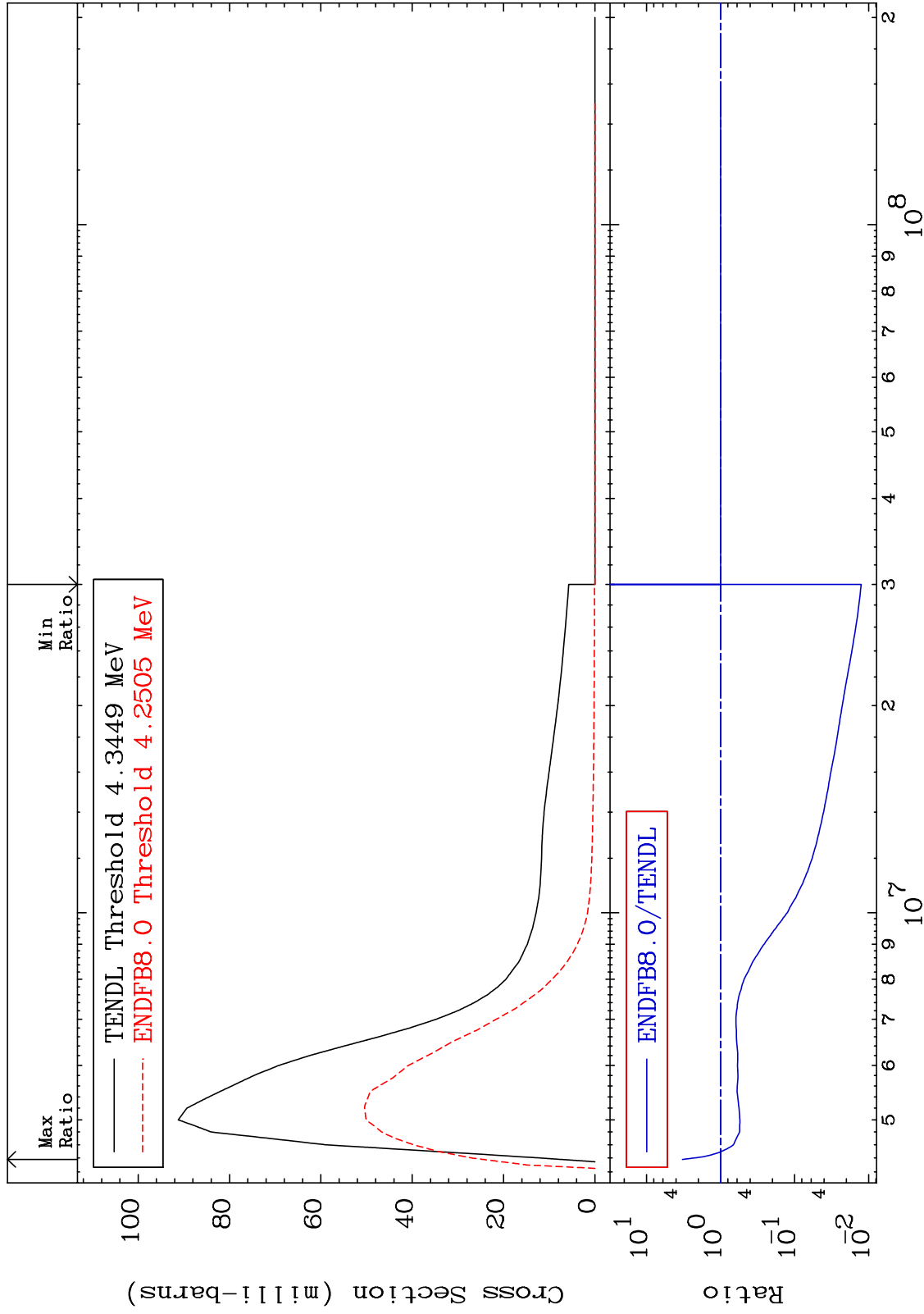


32 Incident Energy (eV) 82-Pb-208

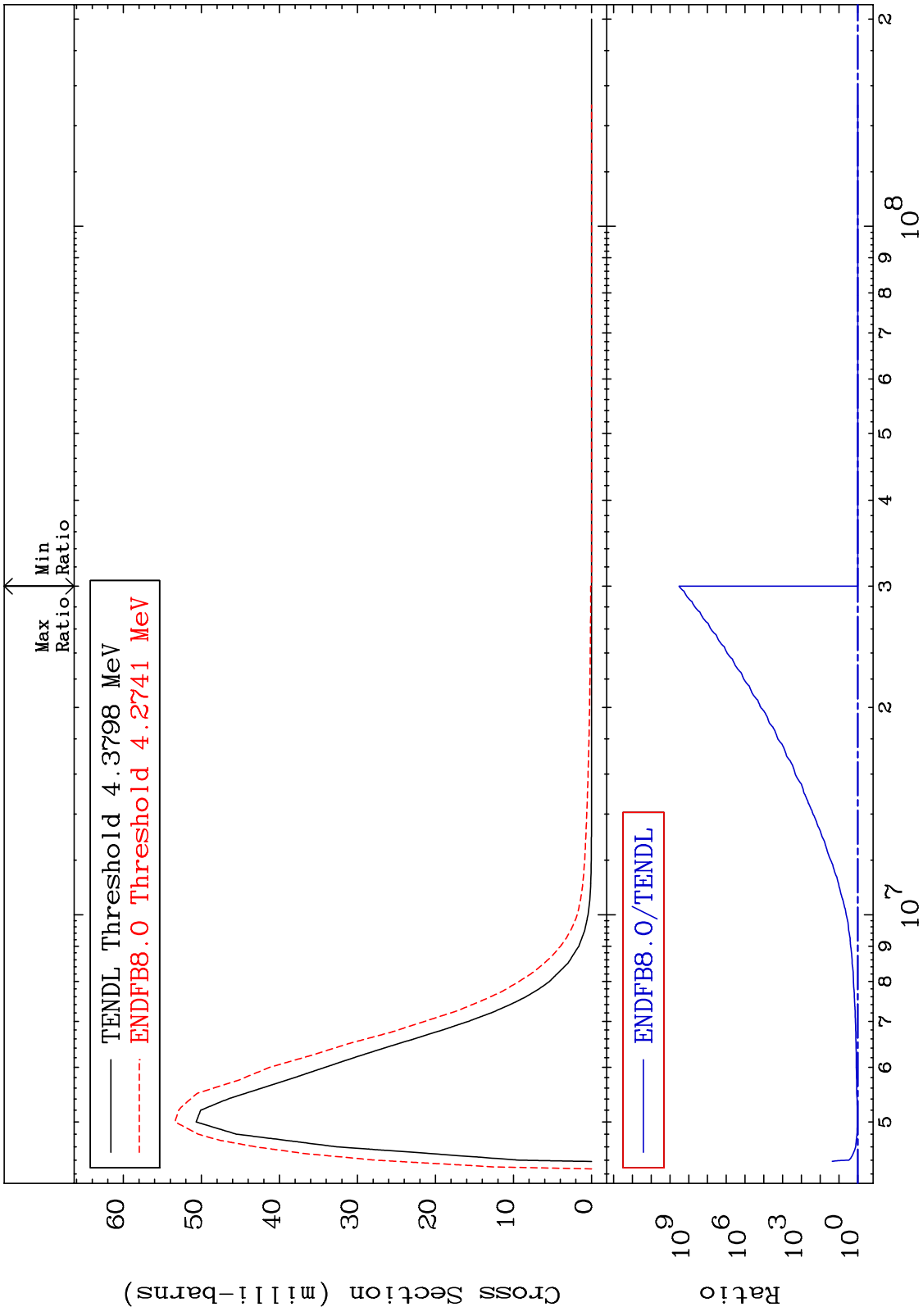
MAT 8237

MT= 70 (n,n') Level
Cross Section

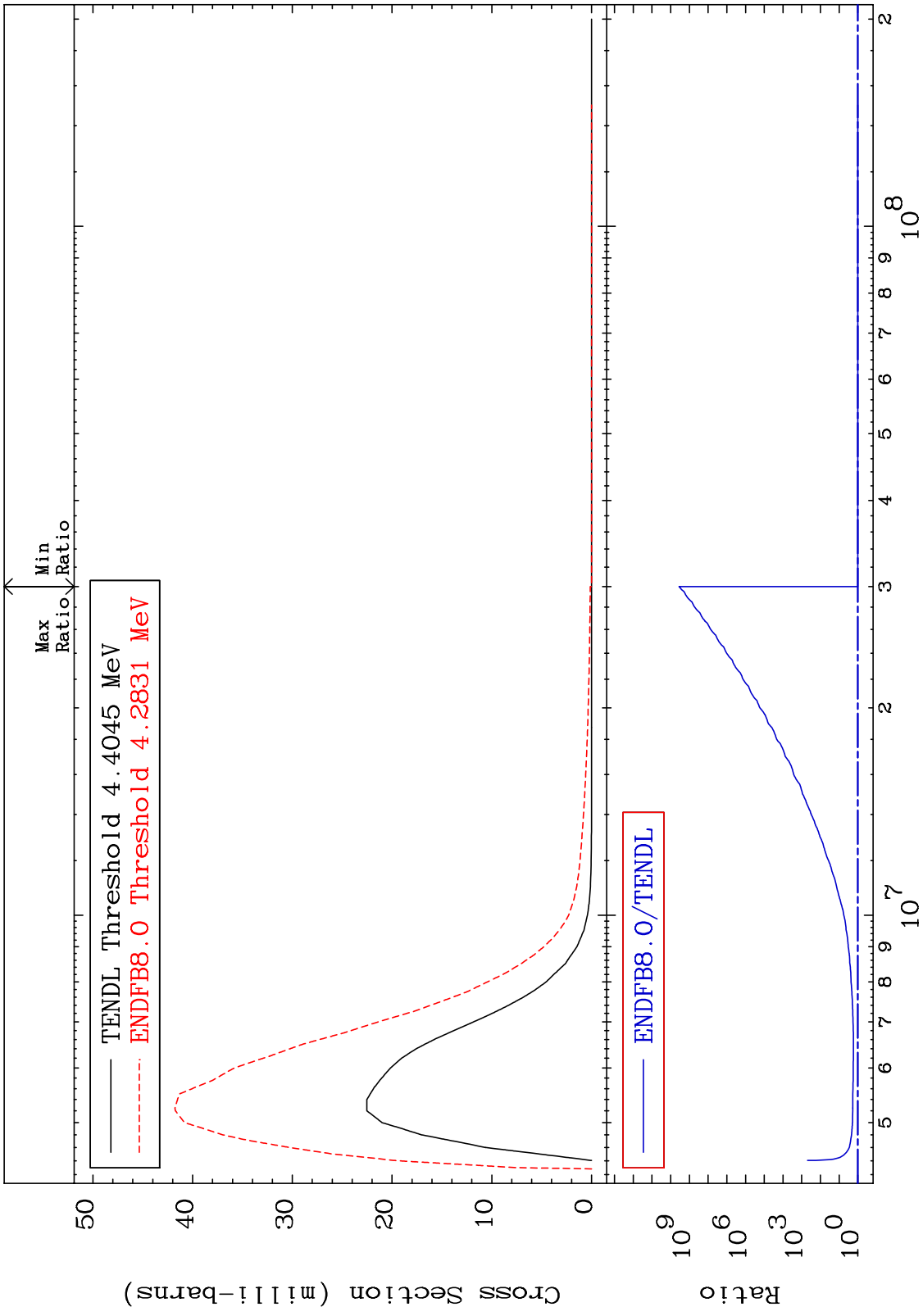
82-Pb-208
-98.74 To 227.8 %



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



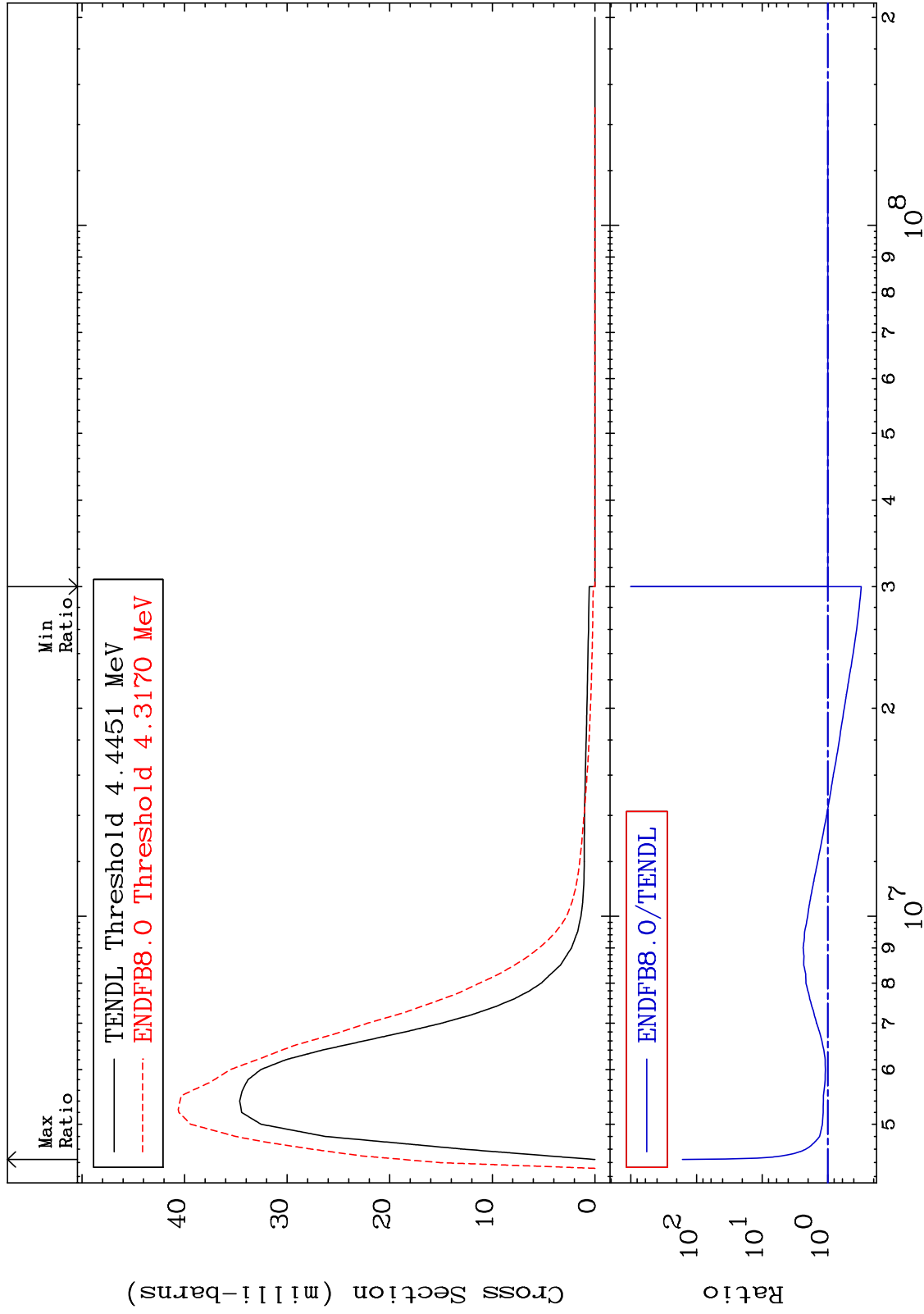
MAT 8237 MT= 72 (n,n') Level Cross Section 82-Pb-208 To 9999. %



MAT 8237

MT= 73 (n,n') Level
Cross Section

82-Pb-208
-69.15 To 9999. %



36

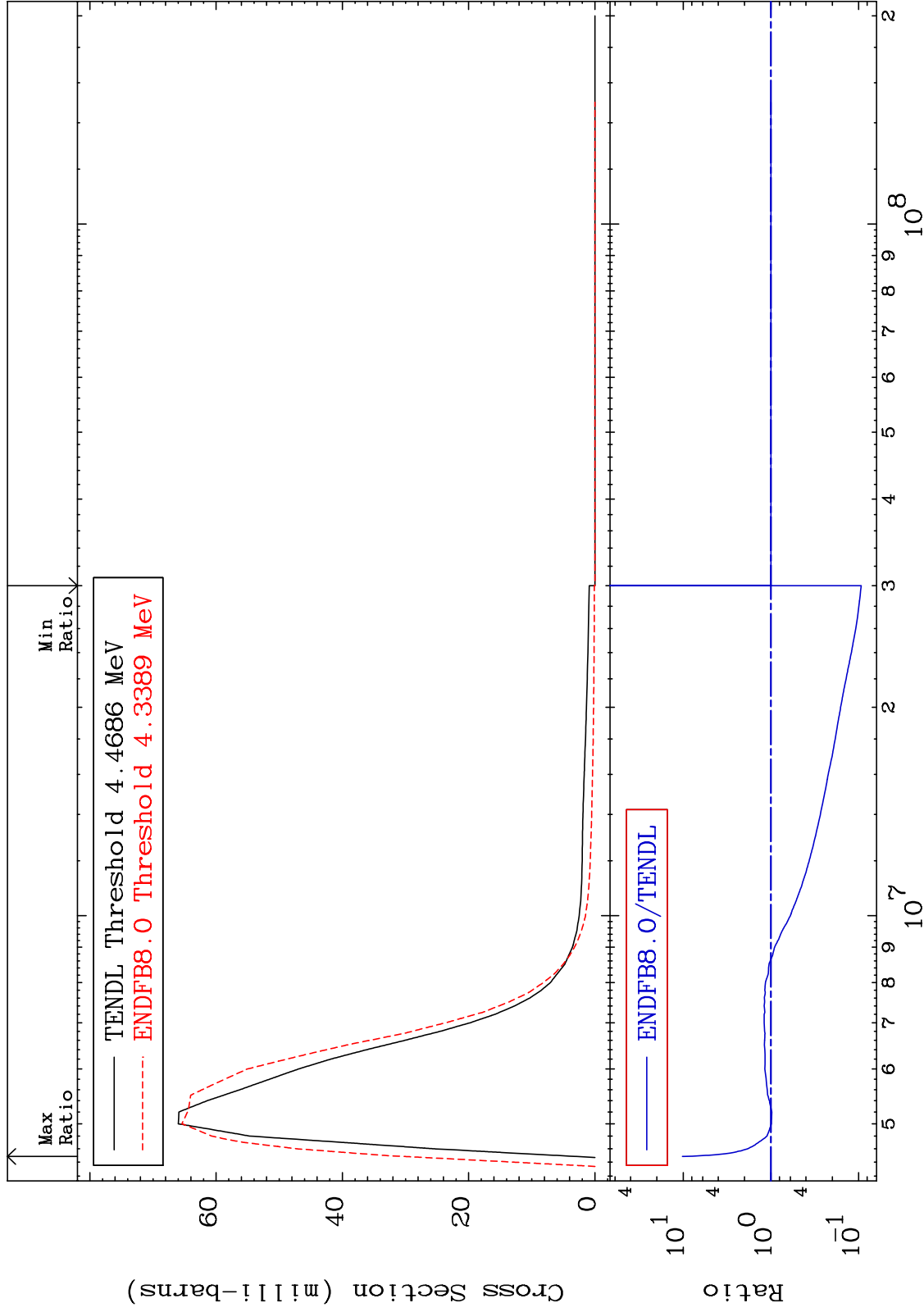
Incident Energy (eV)

82-Pb-208

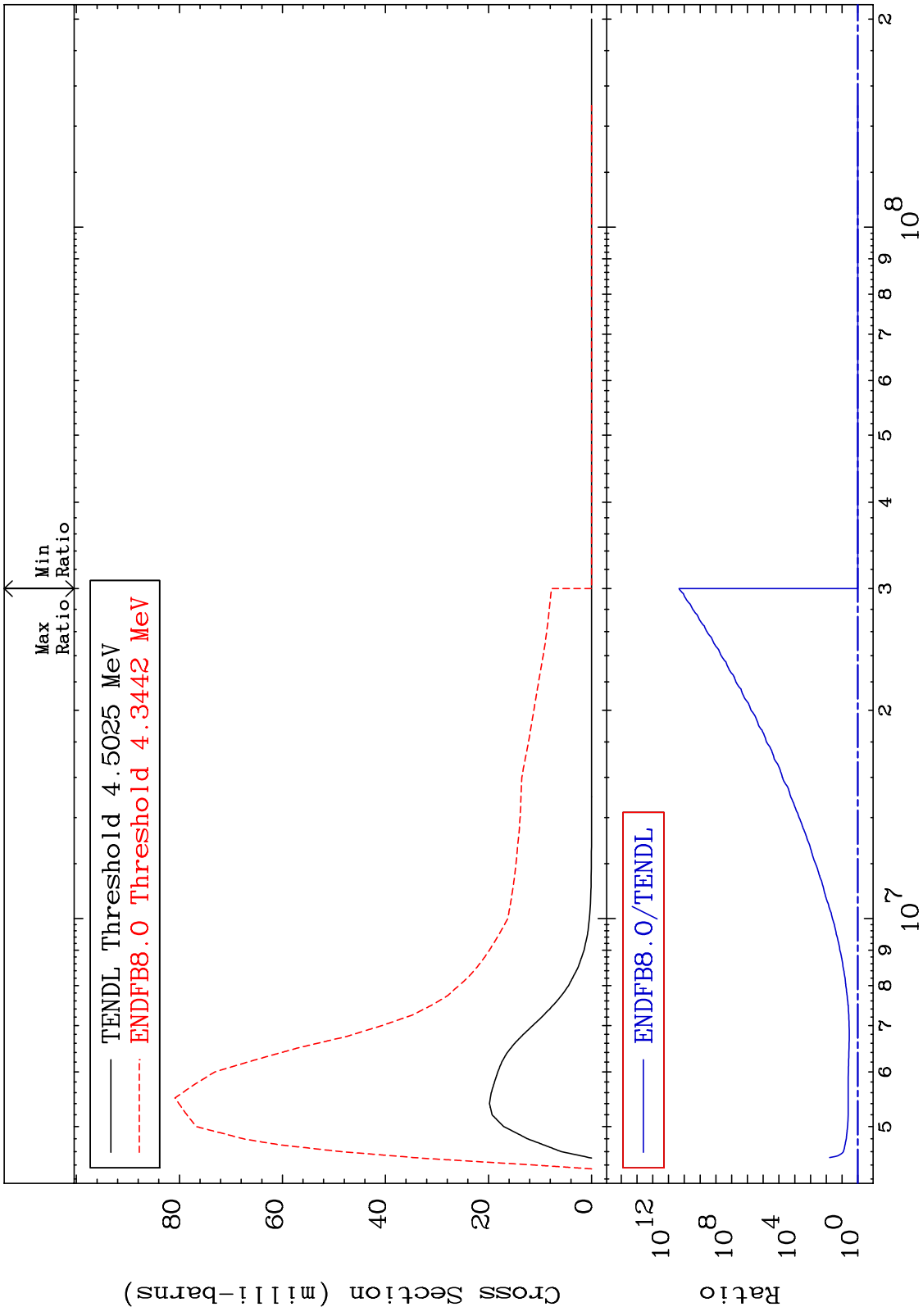
MAT 8237

MT= 74 (n,n') Level
Cross Section

82-Pb-208
-90.66 To 922.0 %



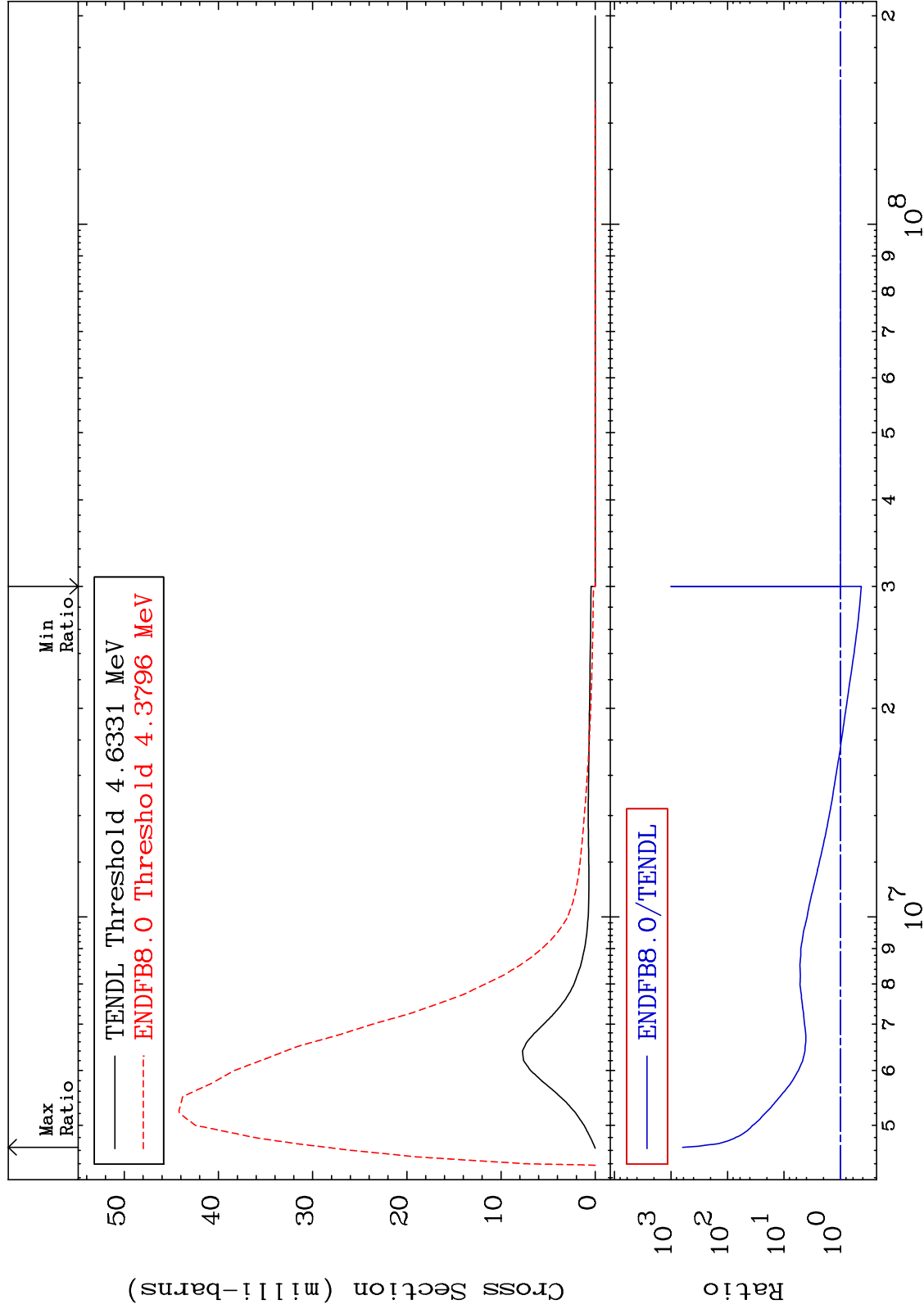
MAT 8237 MT= 75 (n,n') Level Cross Section 82-Pb-208 To 9999. %



MAT 8237

MT= 76 (n,n') Level
Cross Section

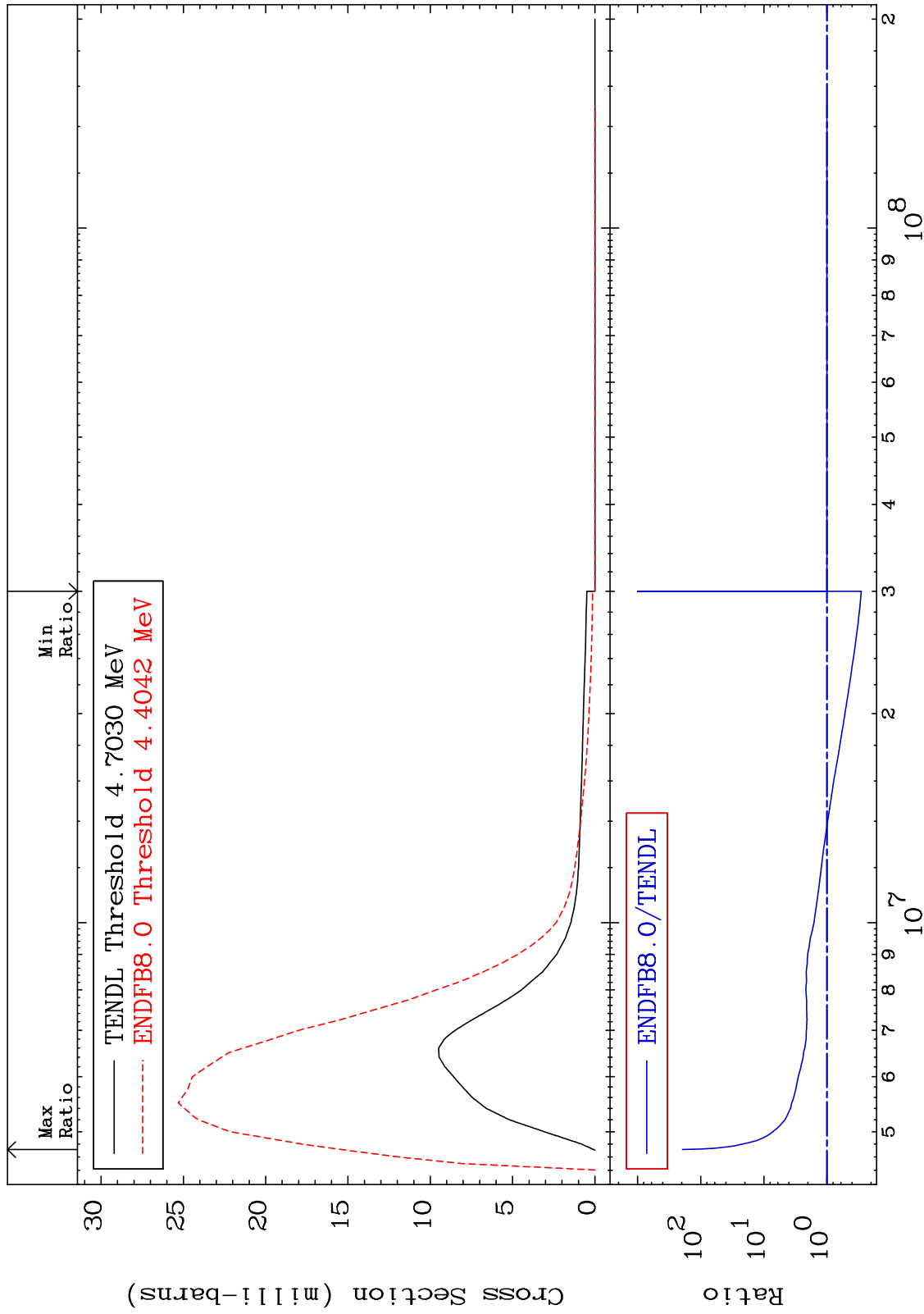
82-Pb-208
-57.35 To 9999. %



MAT 8237

MT= 77 (n,n') Level
Cross Section

82-Pb-208
-71.43 To 9999. %

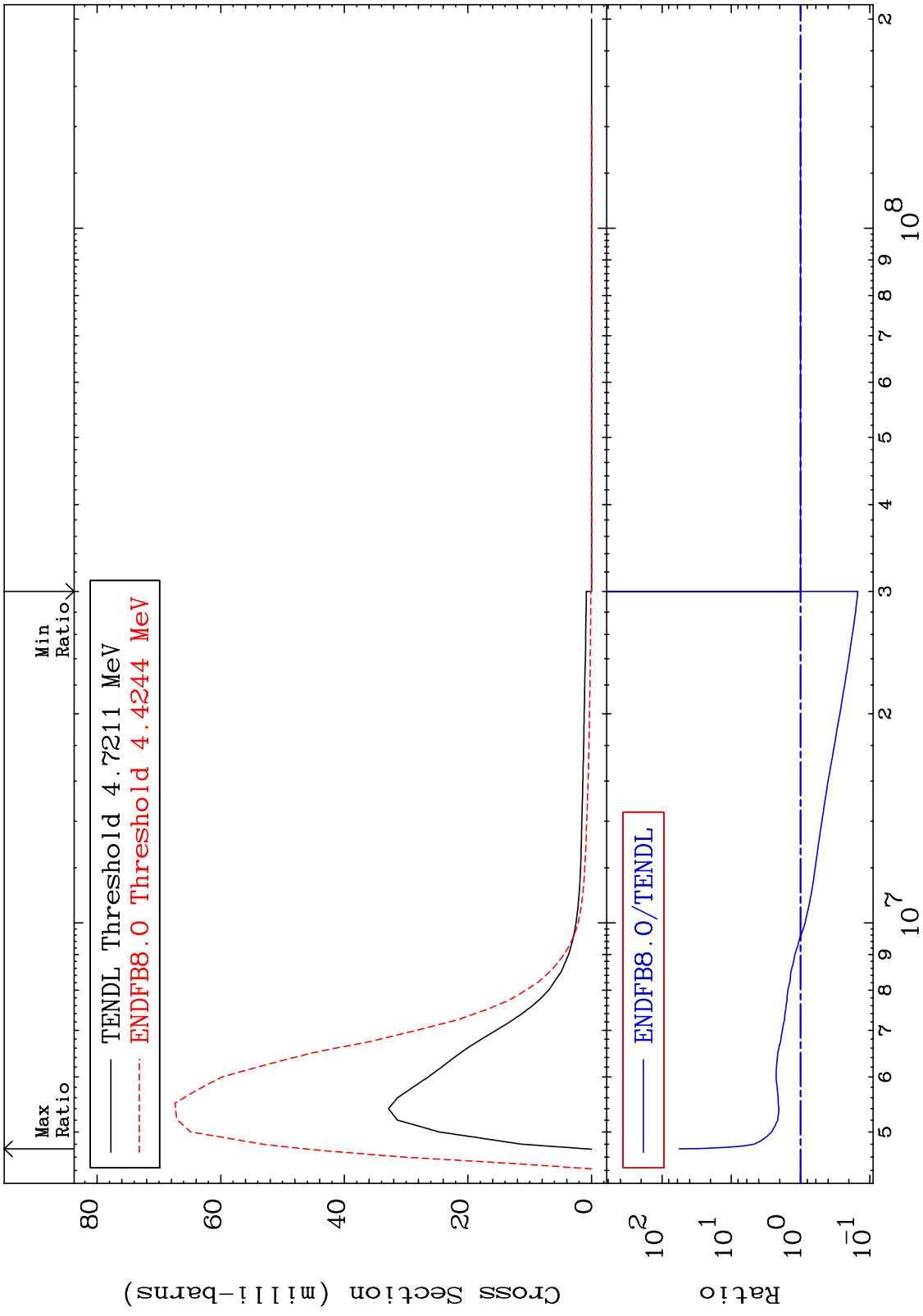


40

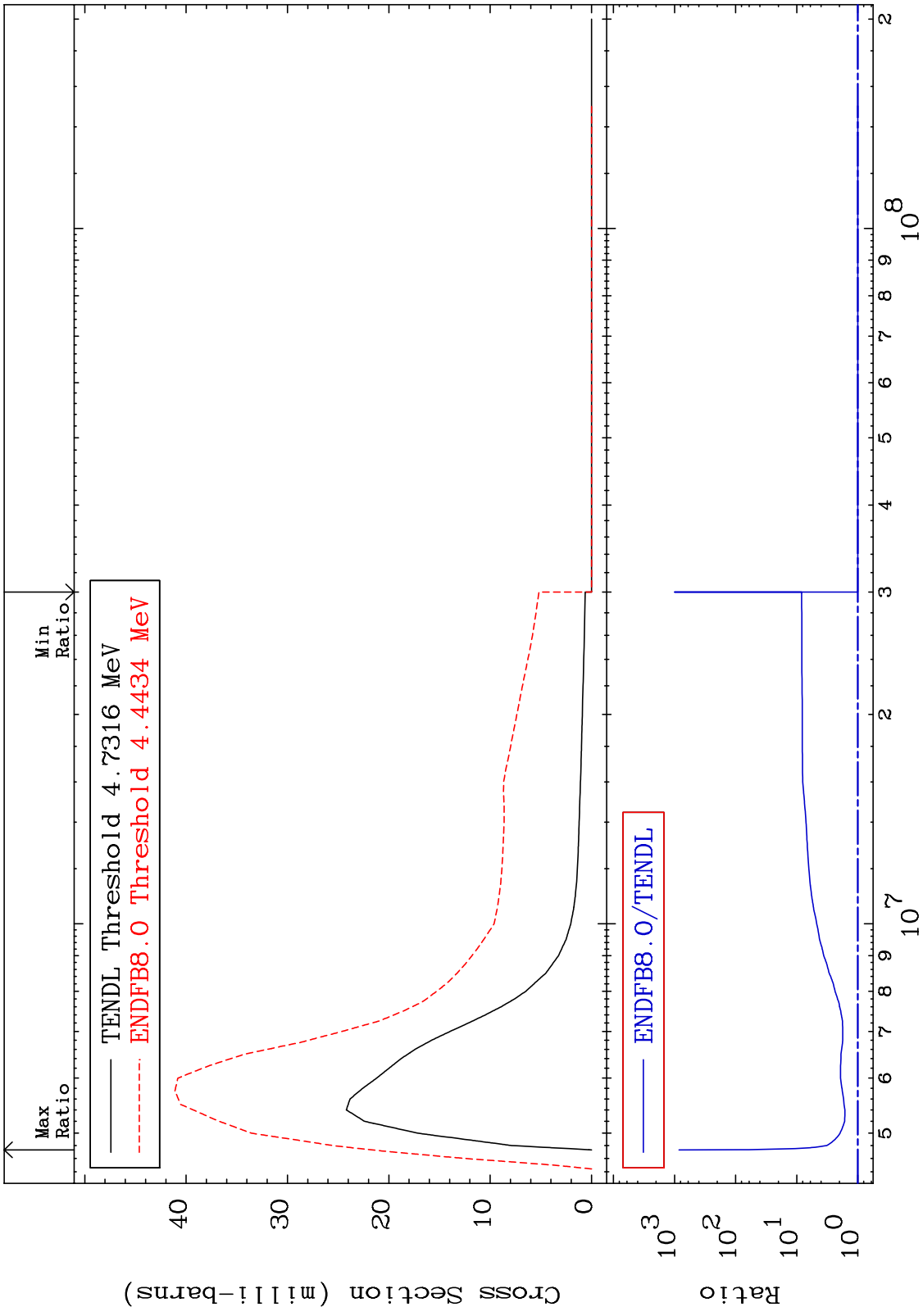
Incident Energy (eV)

82-Pb-208

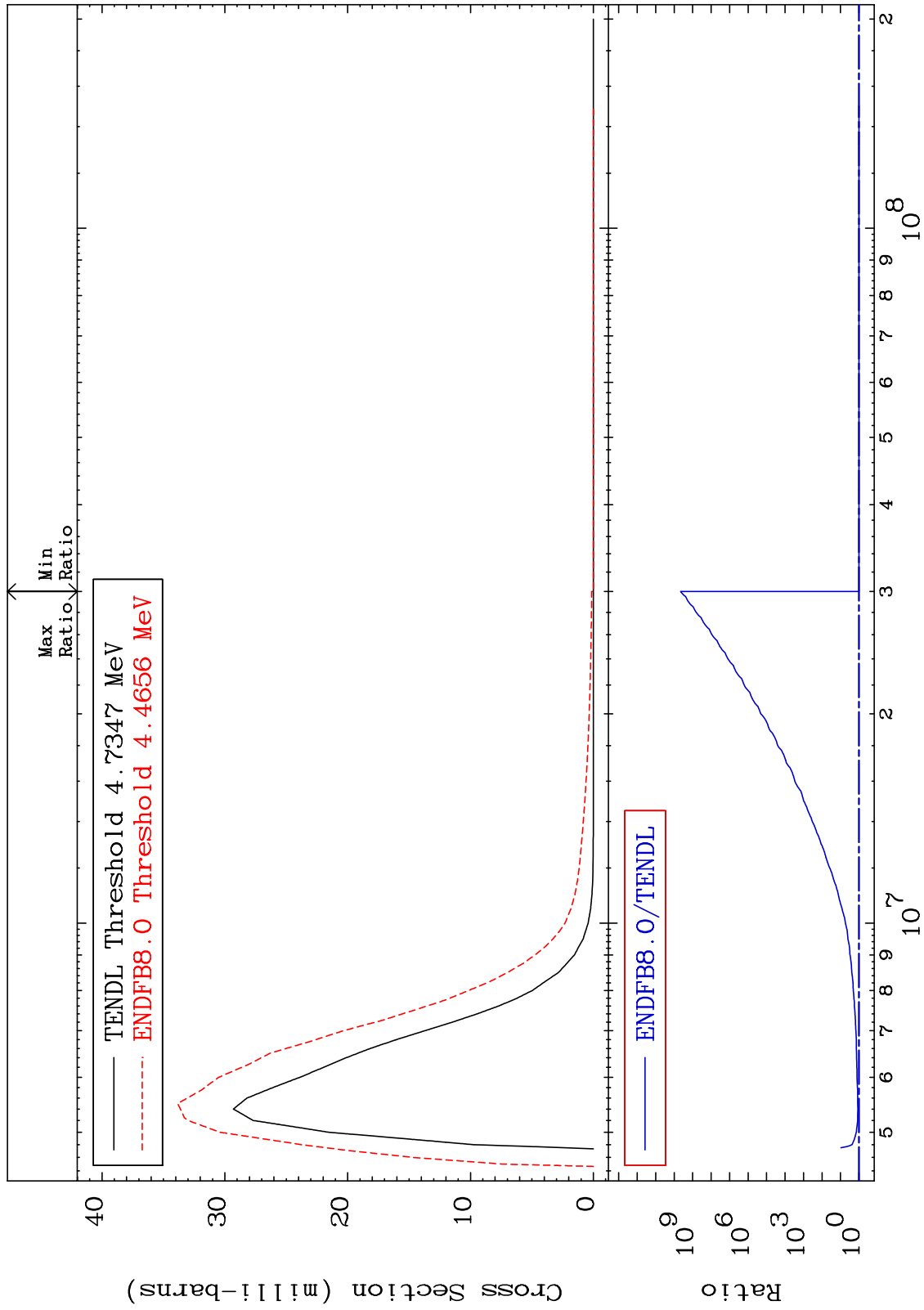
MAT 8237 MT= 78 (n,n') Level Cross Section 82-Pb-208 -85.12 To 5583. %



MAT 8237 MT= 79 (n,n') Level Cross Section 82-Pb-208 To 9999. %



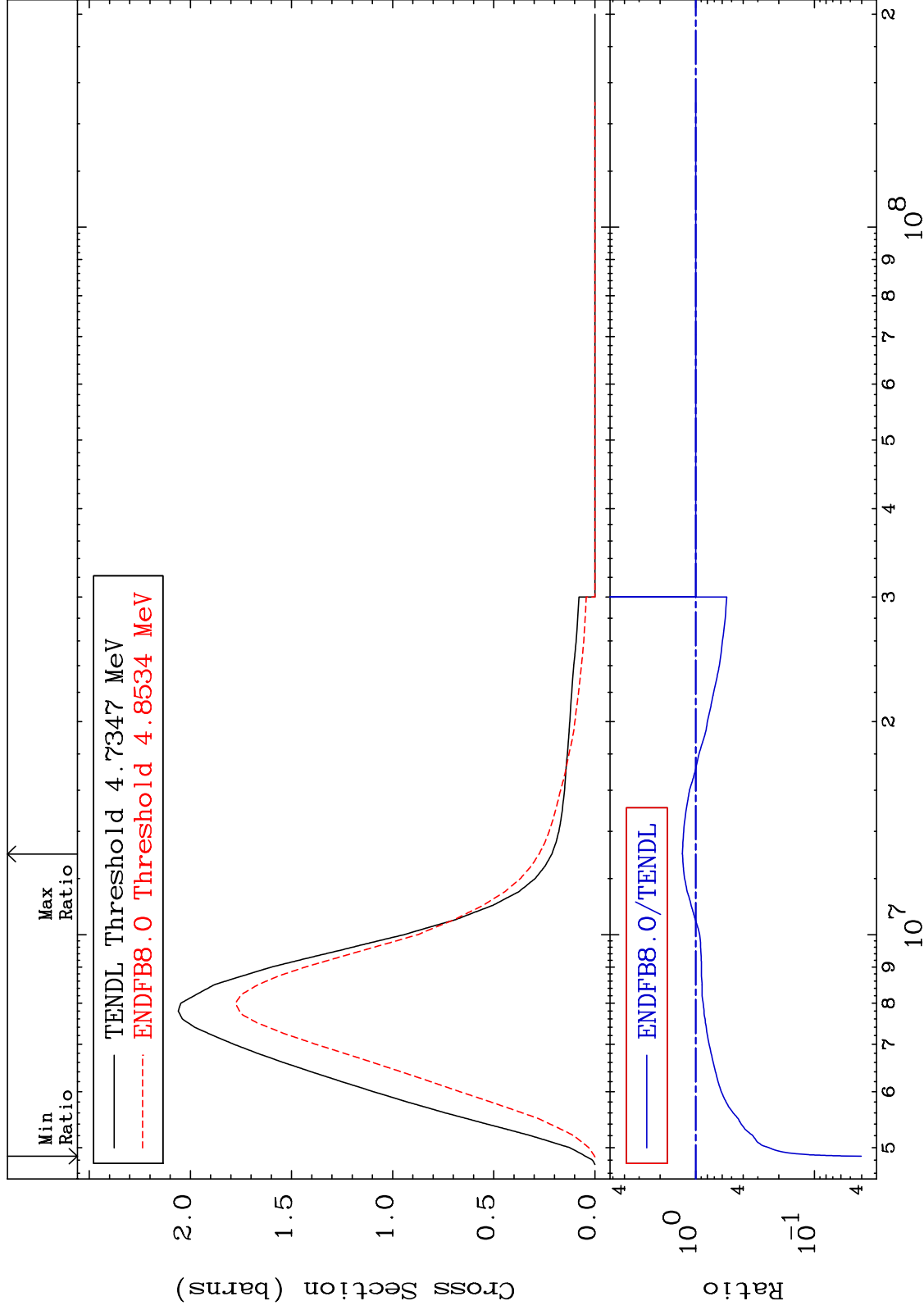
MAT 8237 MT= 80 (n,n') Level Cross Section 82-Pb-208 To 9999. %



MAT 8237

(n, n') Continuum
Cross Section

82-Pb-208
-95.96 To 29.61 %



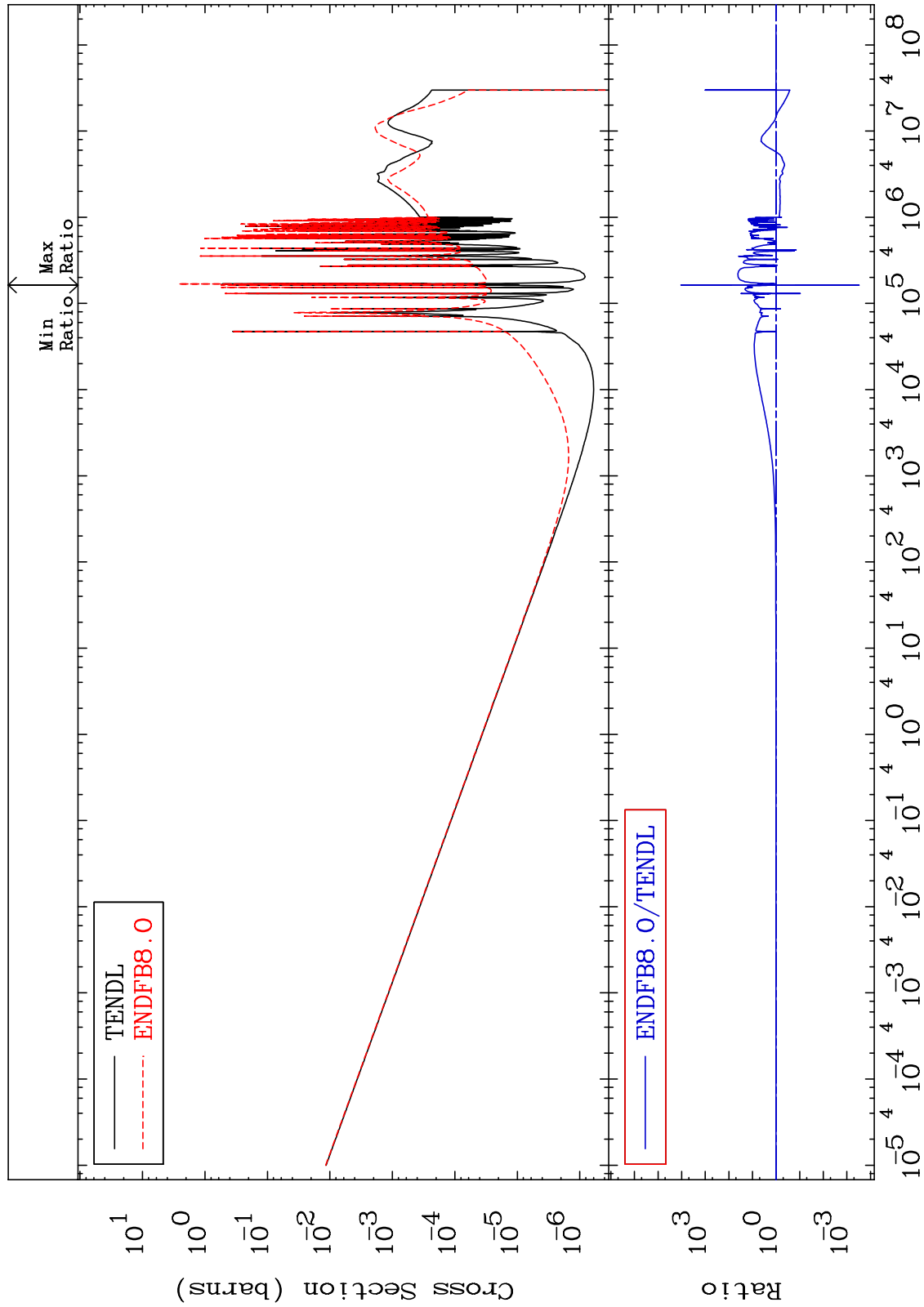
MAT 8237

(n, γ)

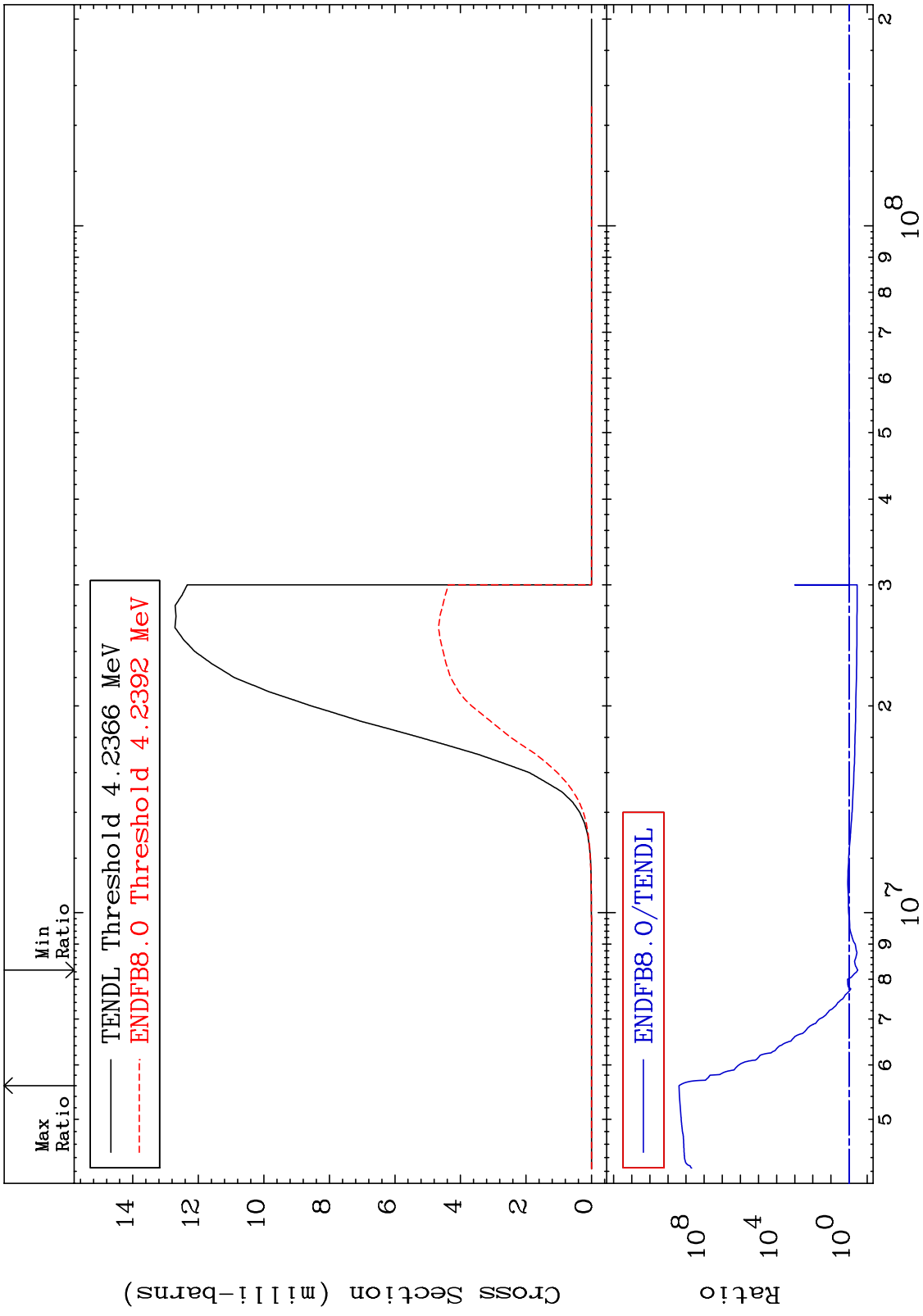
82-Pb-208

Cross Section

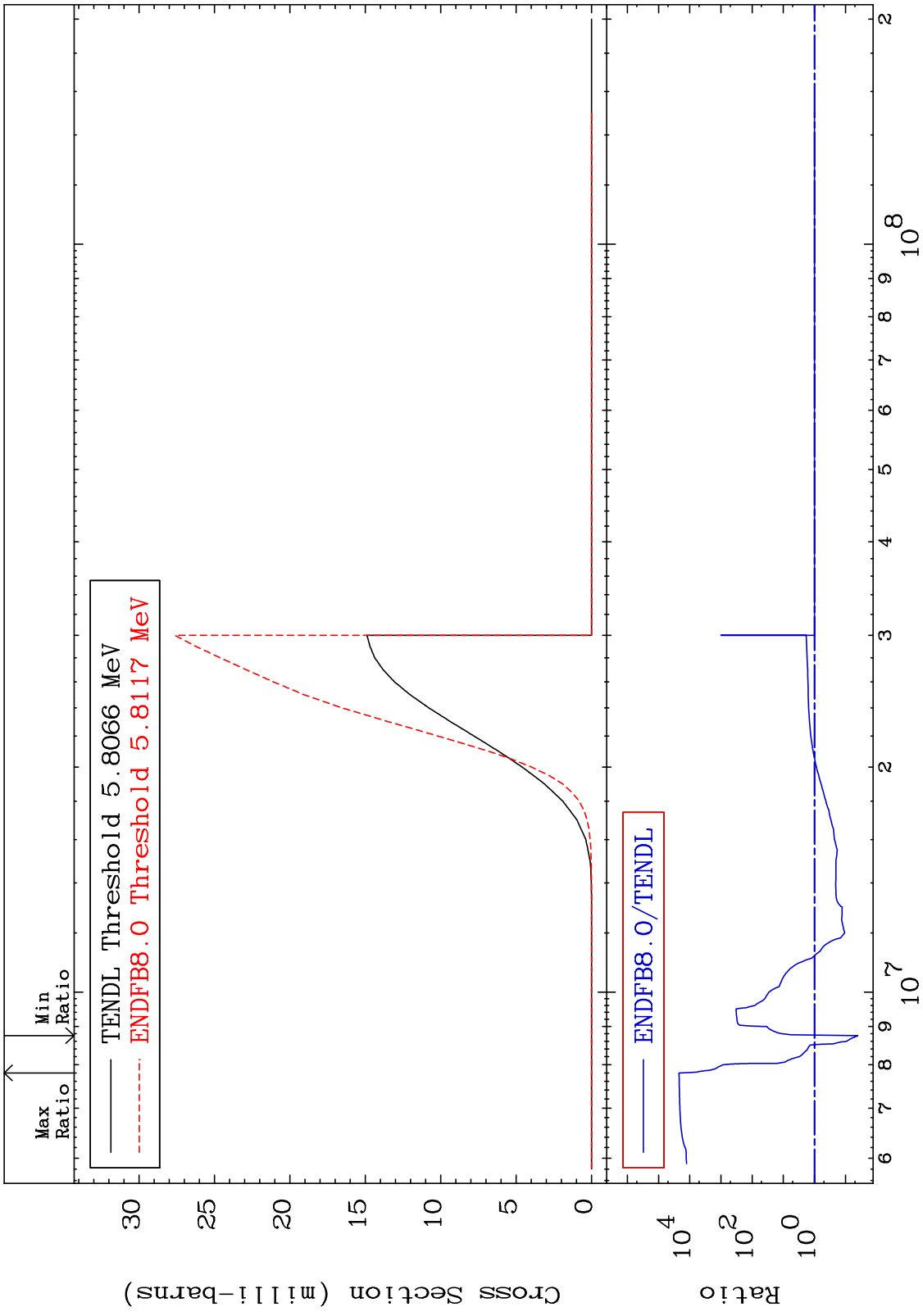
-99.97 To 9999. %



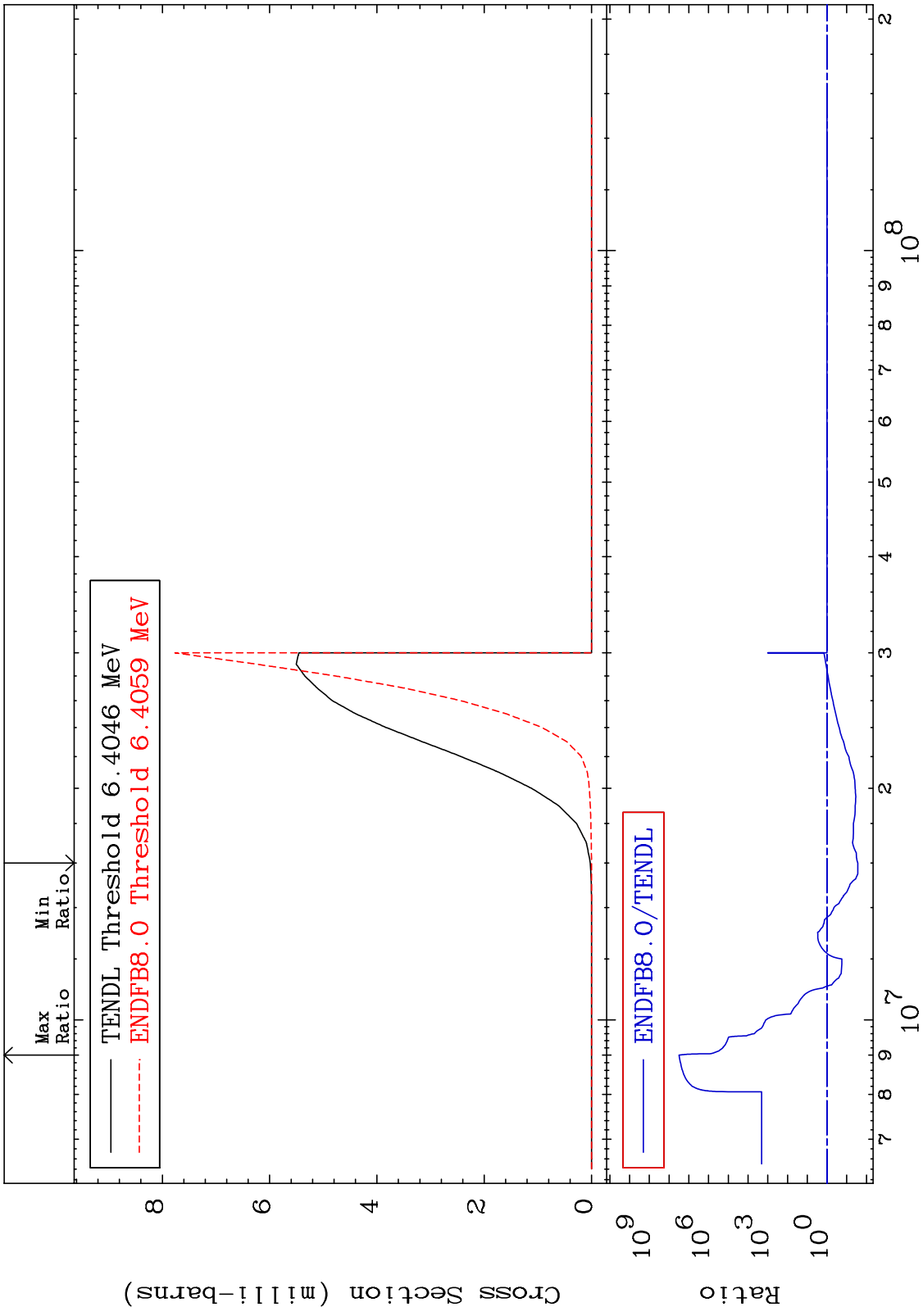
MAT 8237 (n,p) Cross Section 82-Pb-208
 -67.26 To 9999. %



MAT 8237 (n,d) Cross Section 82-Pb-208 -95.93 To 9999. %



47 82-Pb-208



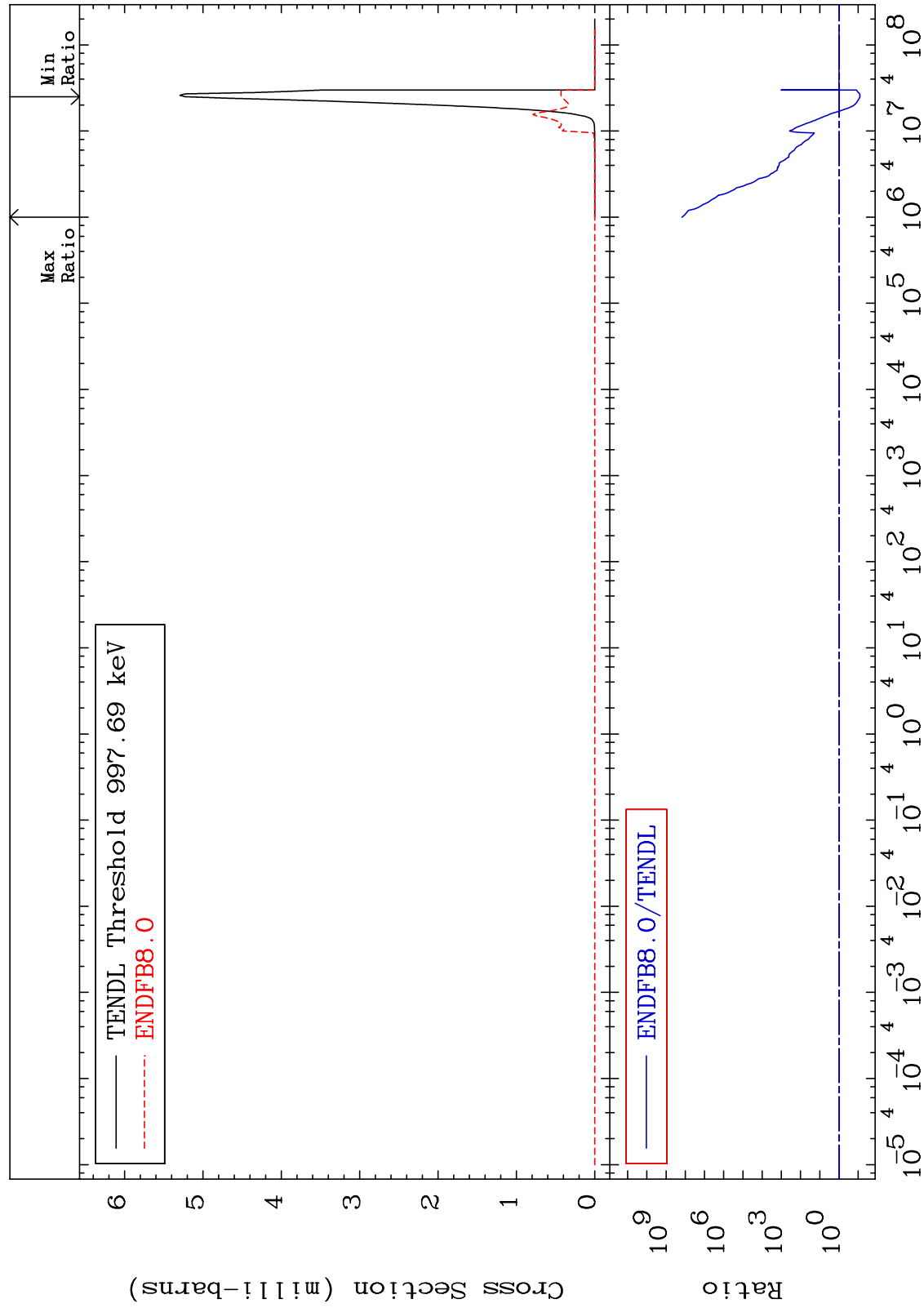
MAT 8237

(n,α)

82-Pb-208

Cross Section

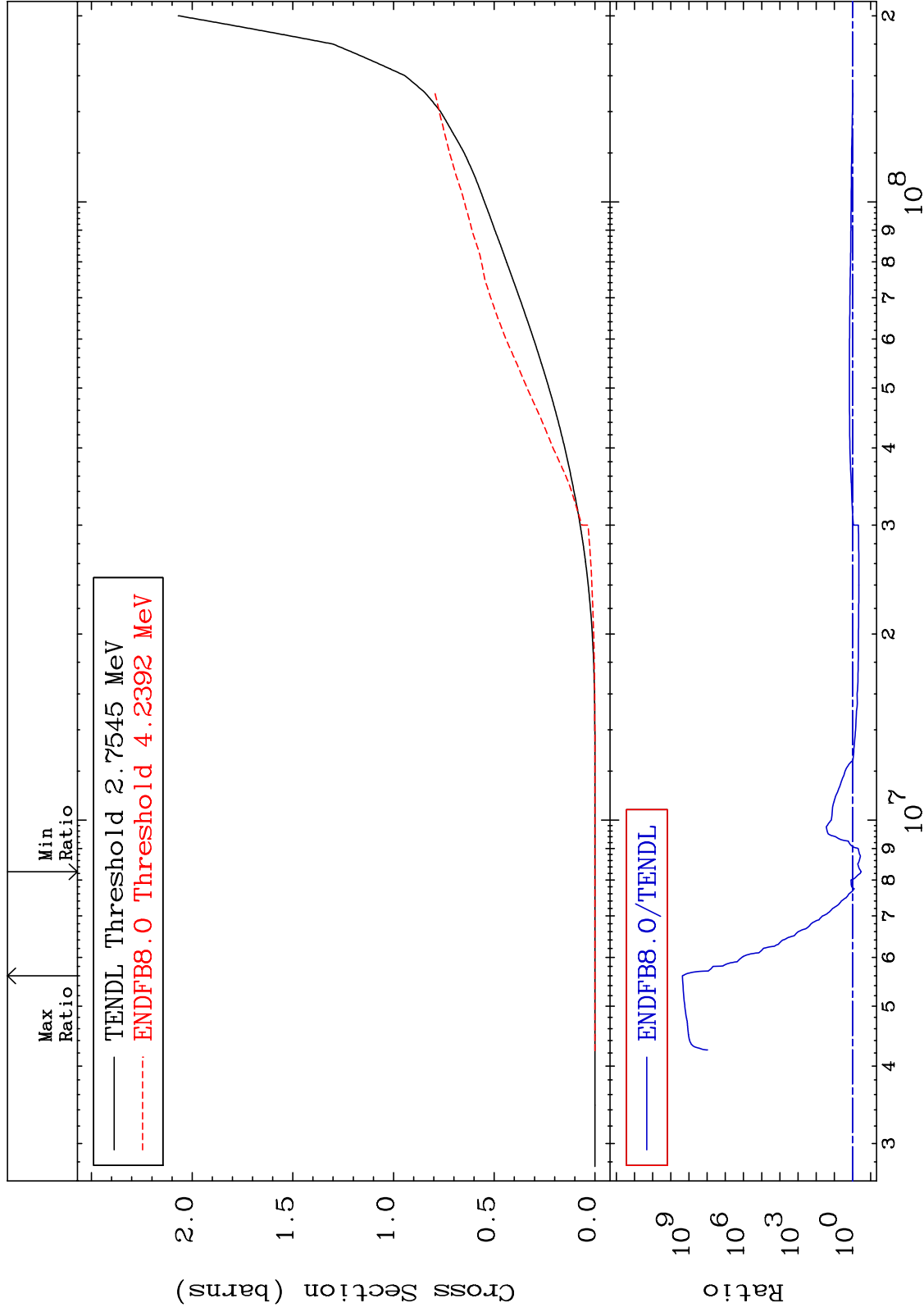
-91.91 To 9999. %



MAT 8237

Hydrogen Production
Cross Section

82-Pb-208
-67.25 To 9999. %



50

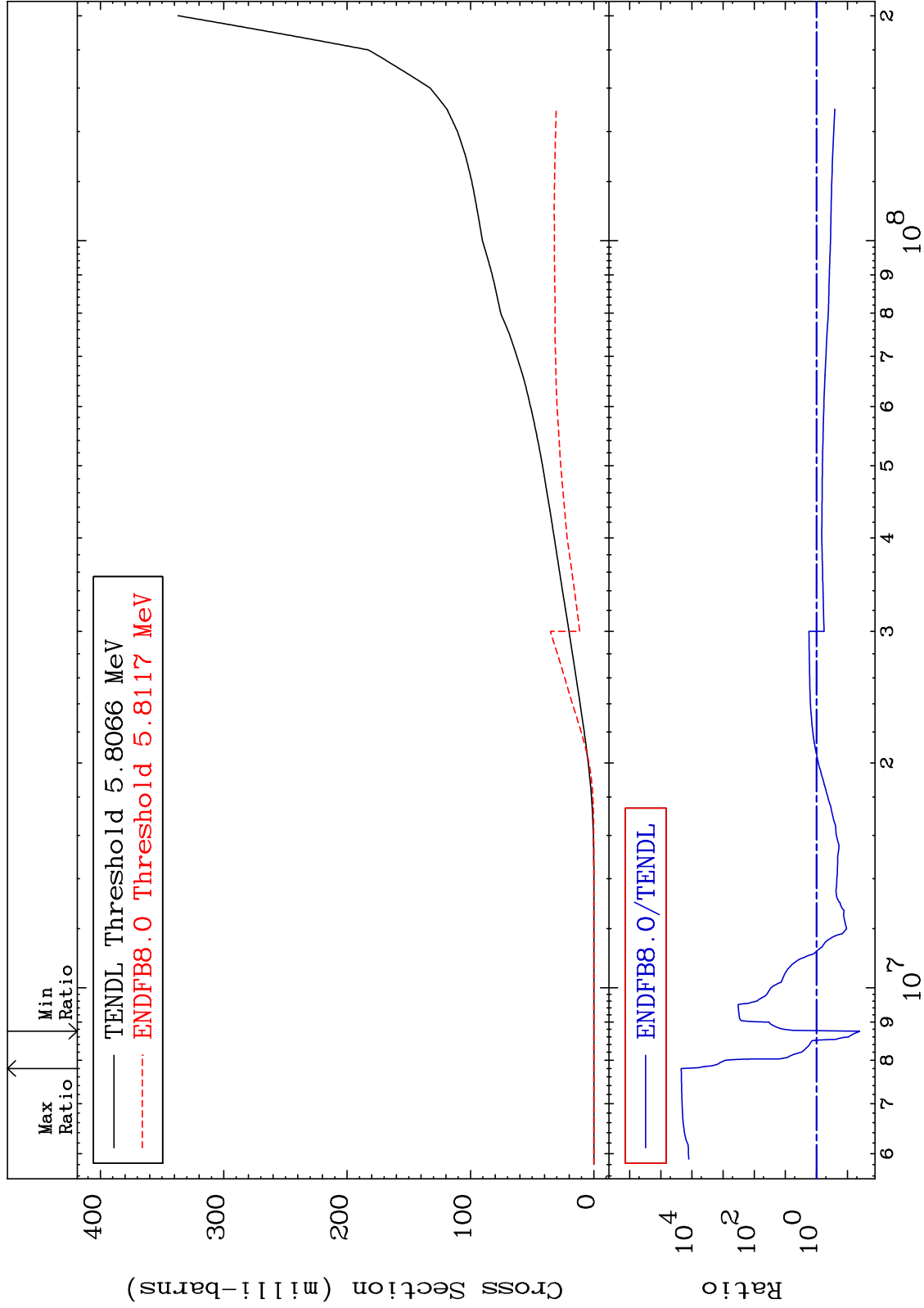
Incident Energy (eV)

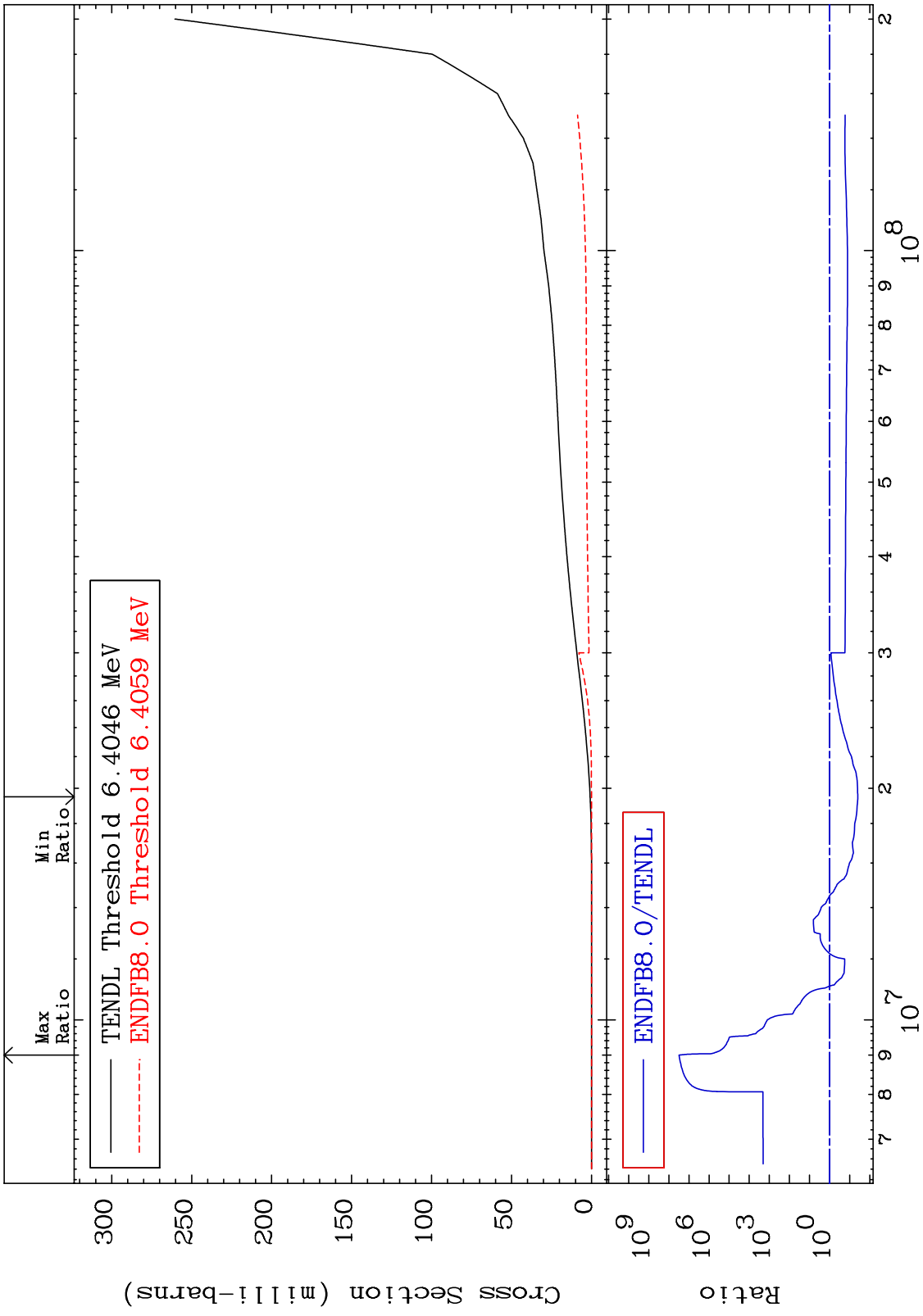
82-Pb-208

MAT 8237

Deuterium Production
Cross Section

82-Pb-208
-95.93 To 9999. %

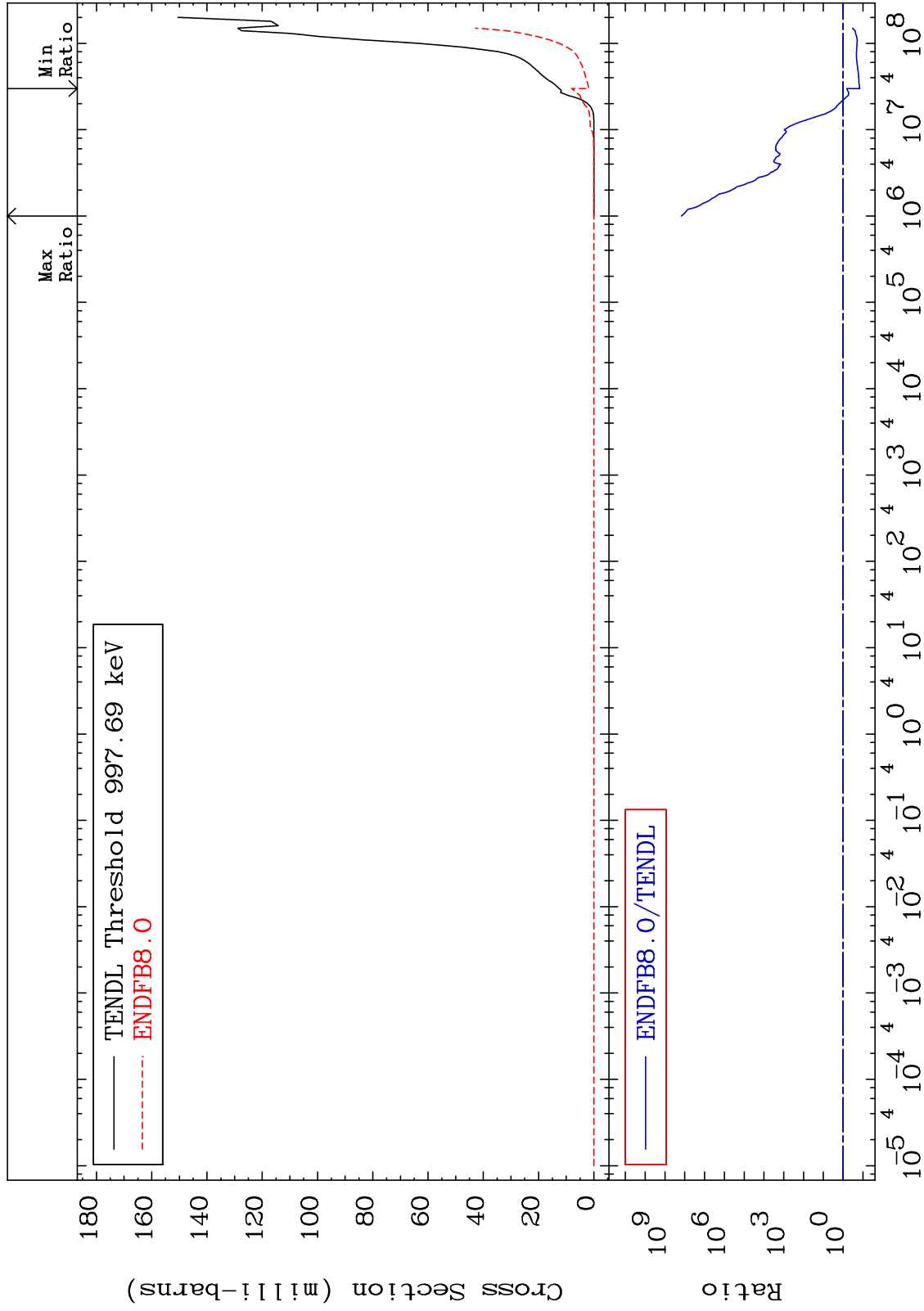




MAT 8237

He-4 Production
Cross Section

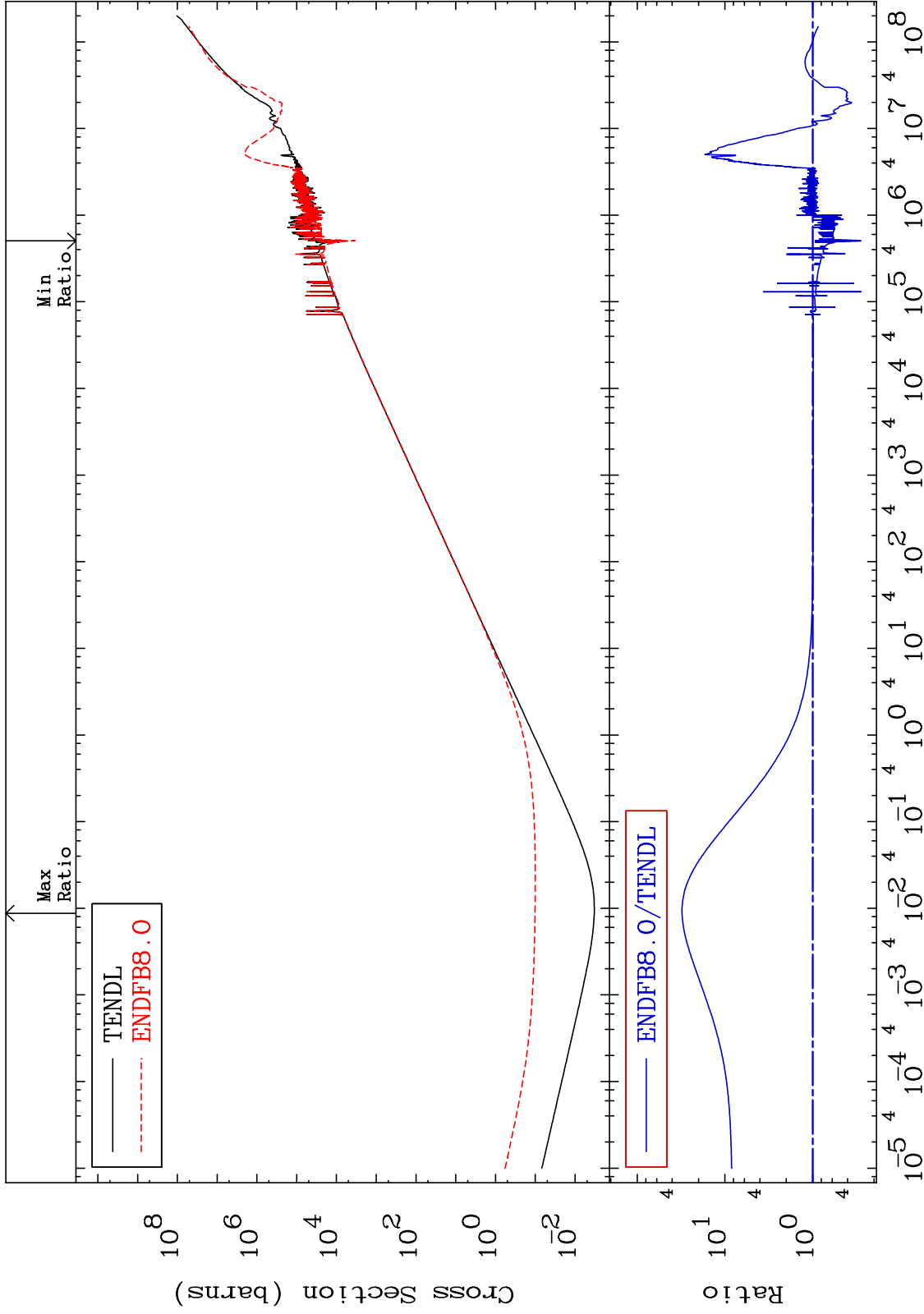
82-Pb-208
-85.61 To 9999. %



MAT 8237

Kerma total (eV-barns)
Cross Section

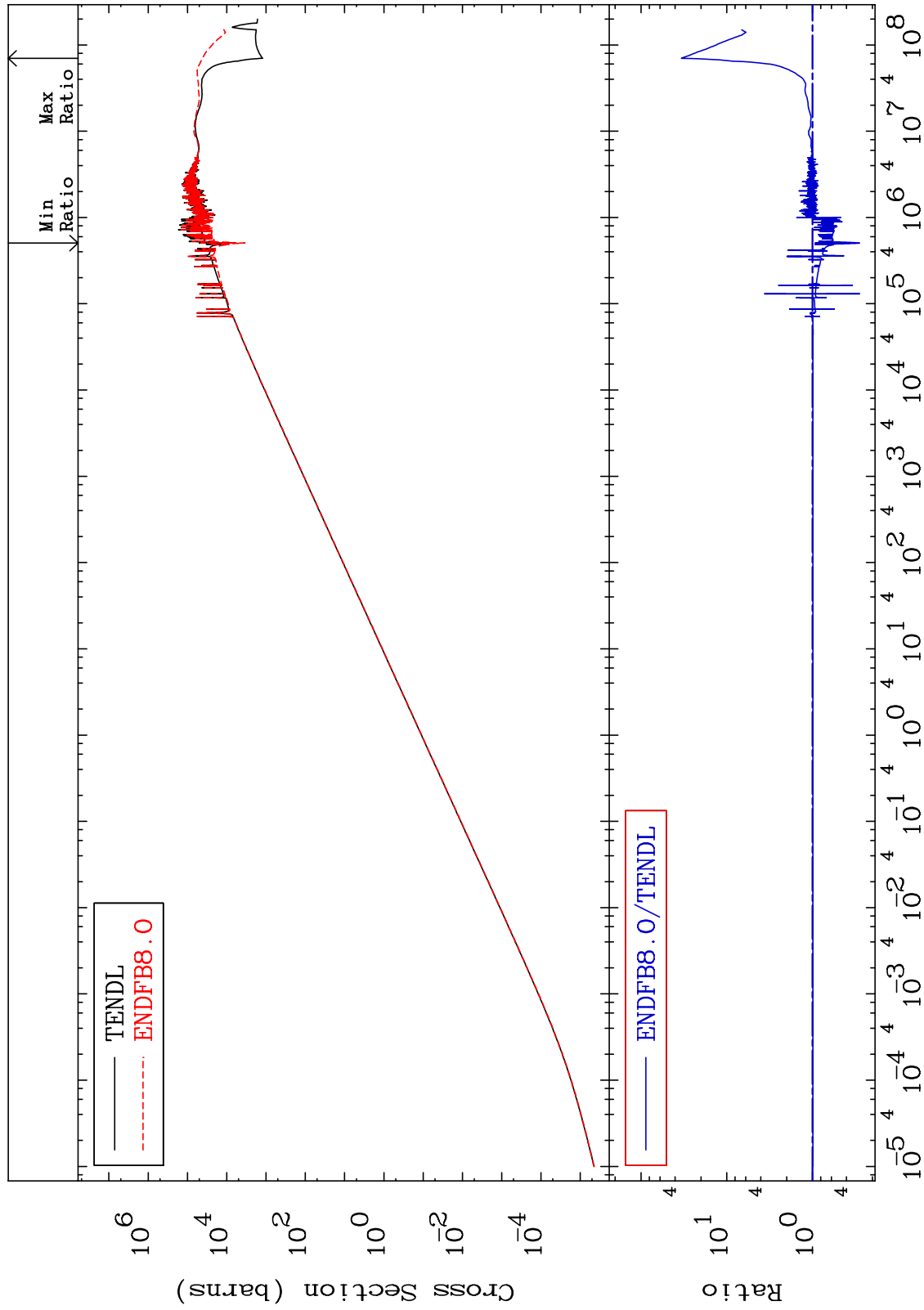
82-Pb-208
-71.98 To 2986. %



MAT 8237

Kerma elastic
Cross Section

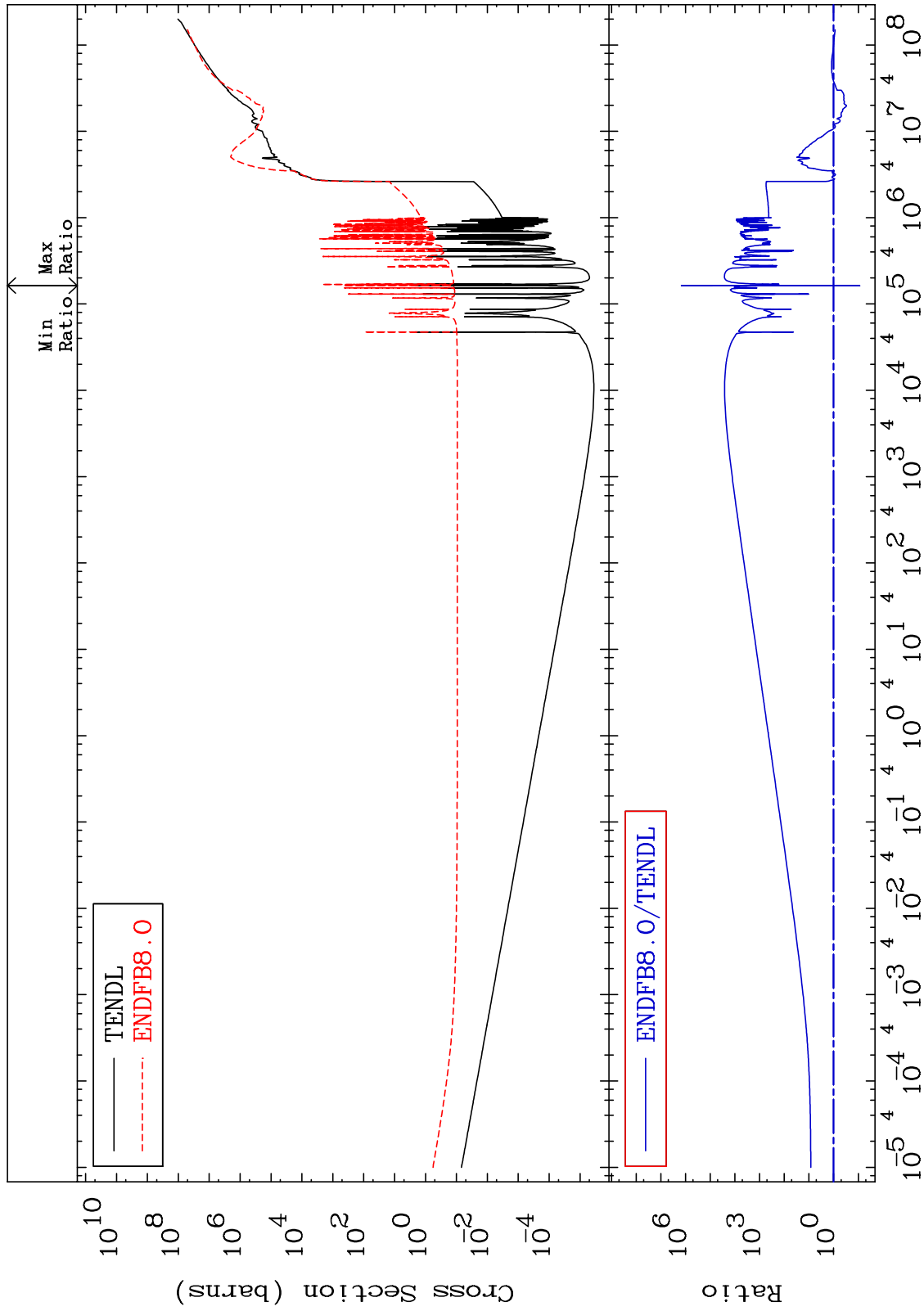
82-Pb-208
-71.99 To 3273. %



MAT 8237

Kerma non-elastic (all but mt2)
Cross Section

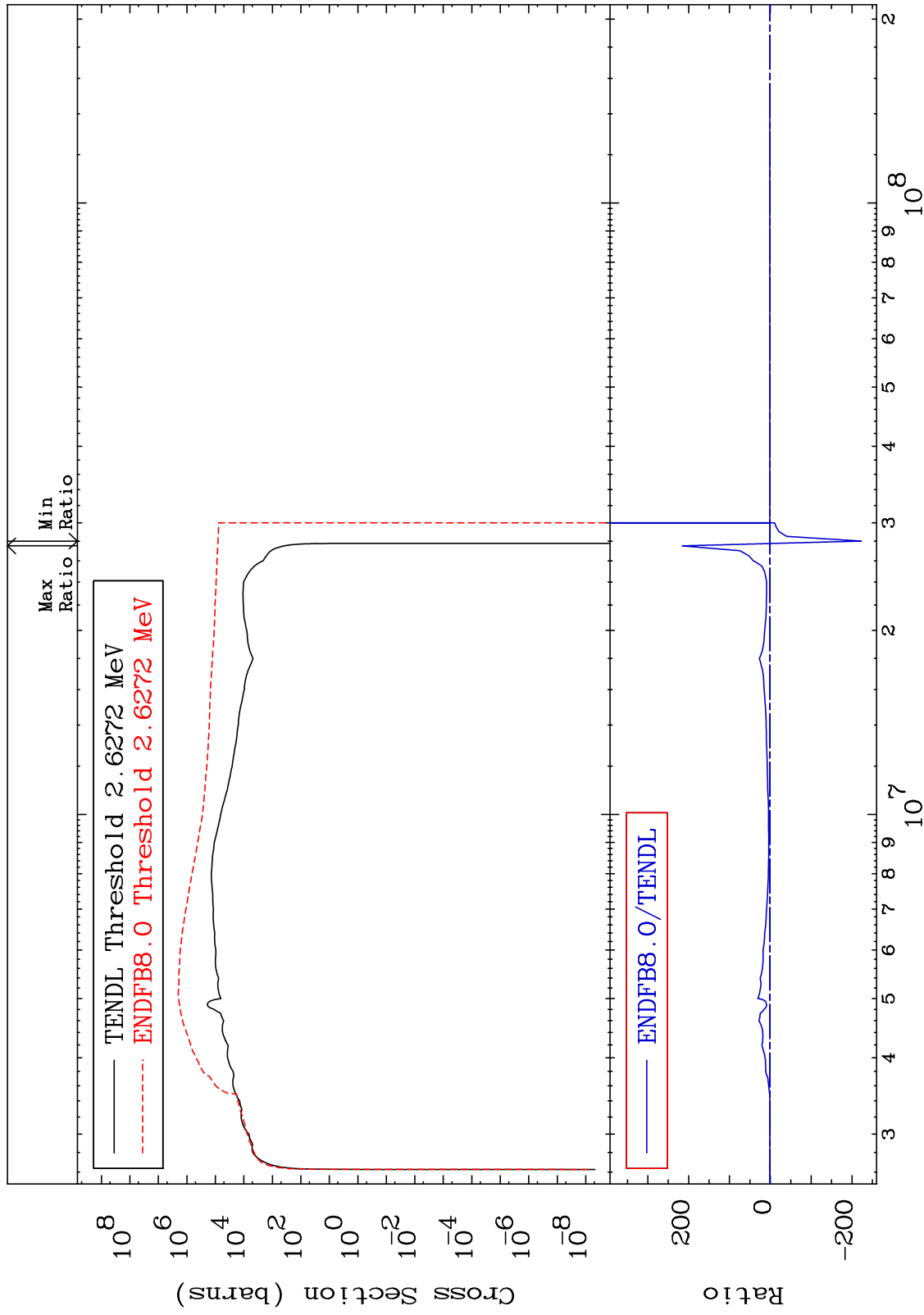
82-Pb-208
-91.27 To 9999. %



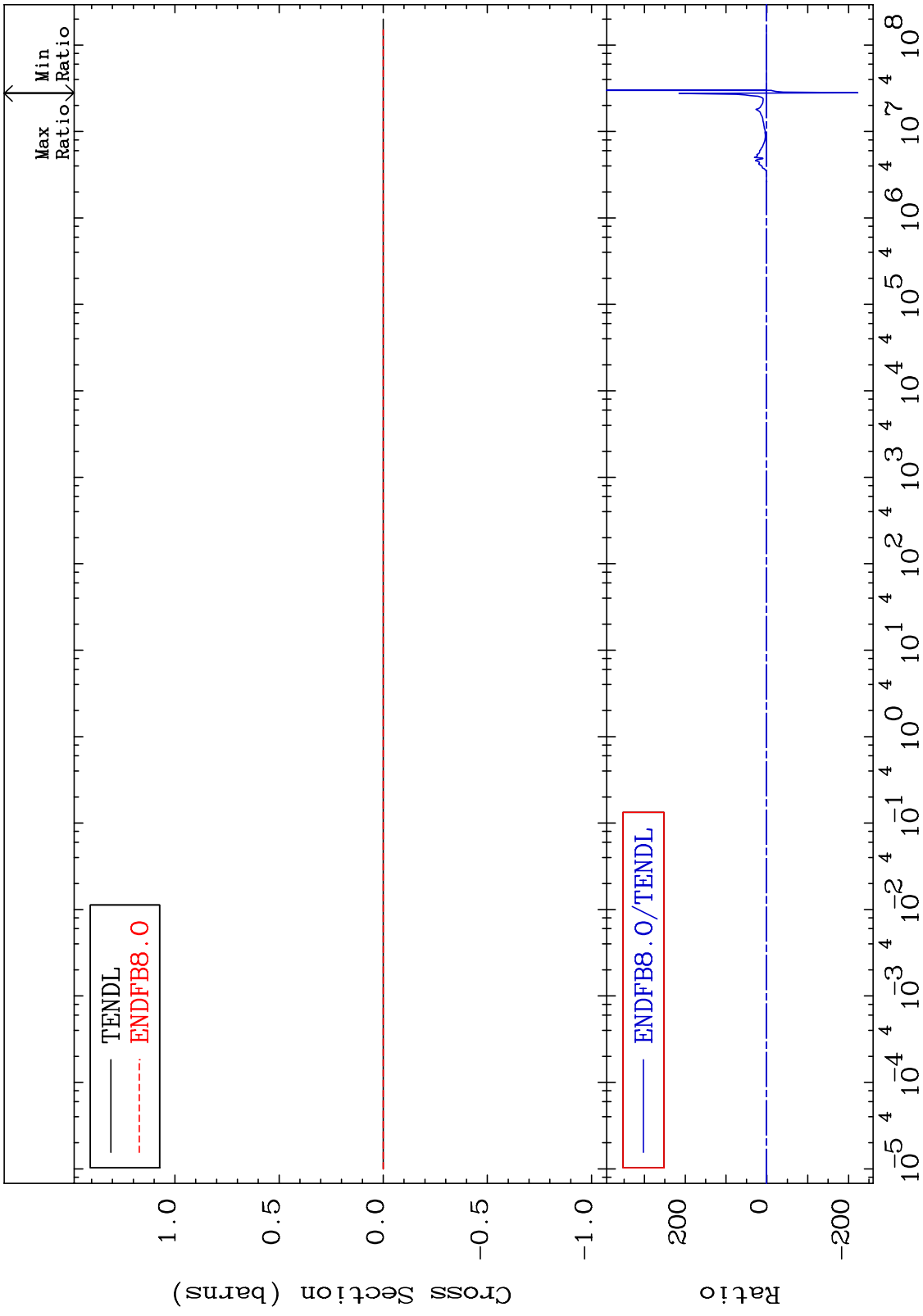
MAT 8237

Kerma inelastic (mt51-91)
Cross Section

82-Pb-208
-9999. To 9999. %



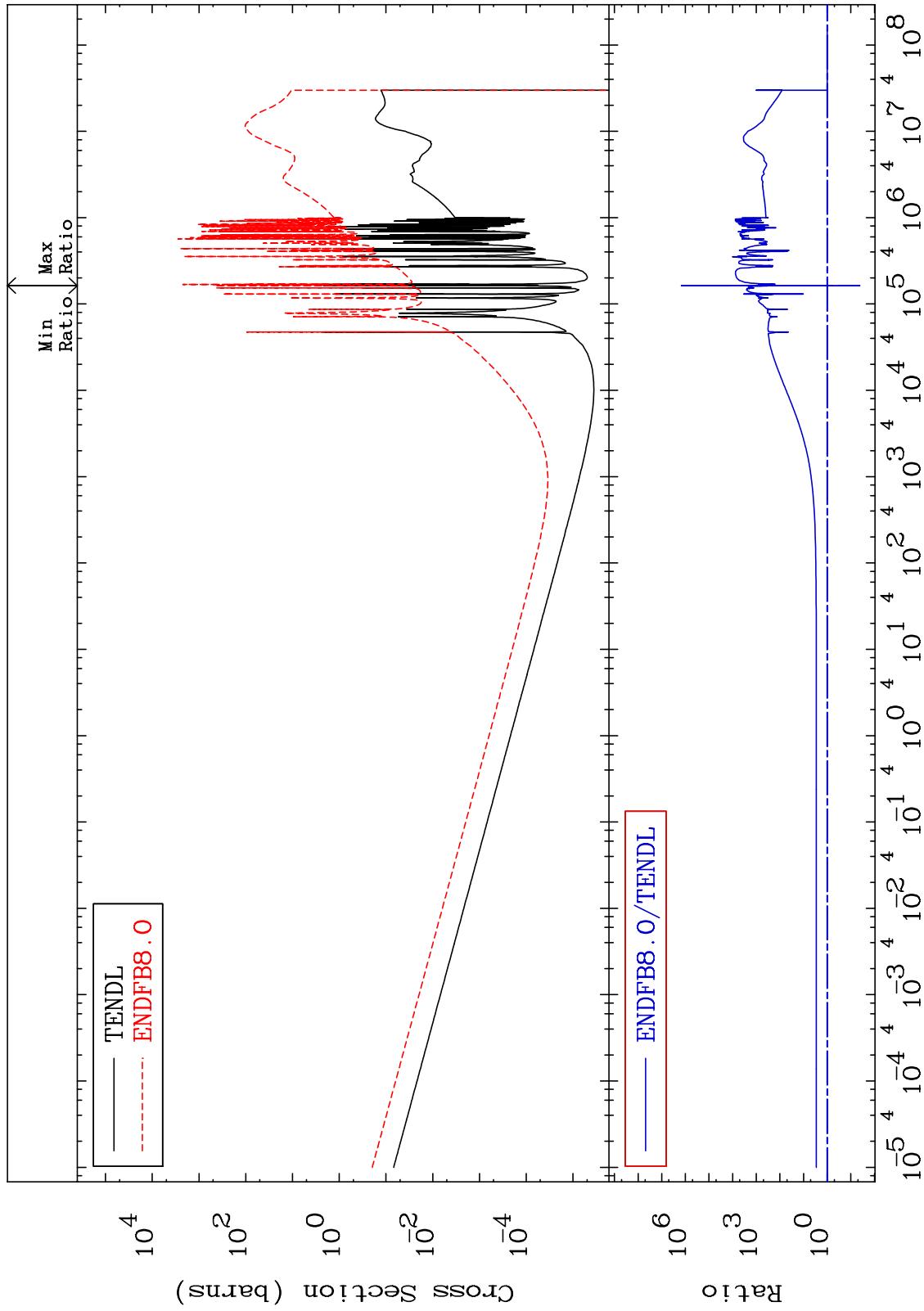
MAT 8237 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-208
 Cross Section -9999. To 9999. %



MAT 8237

Kerma capture (mt102)
Cross Section

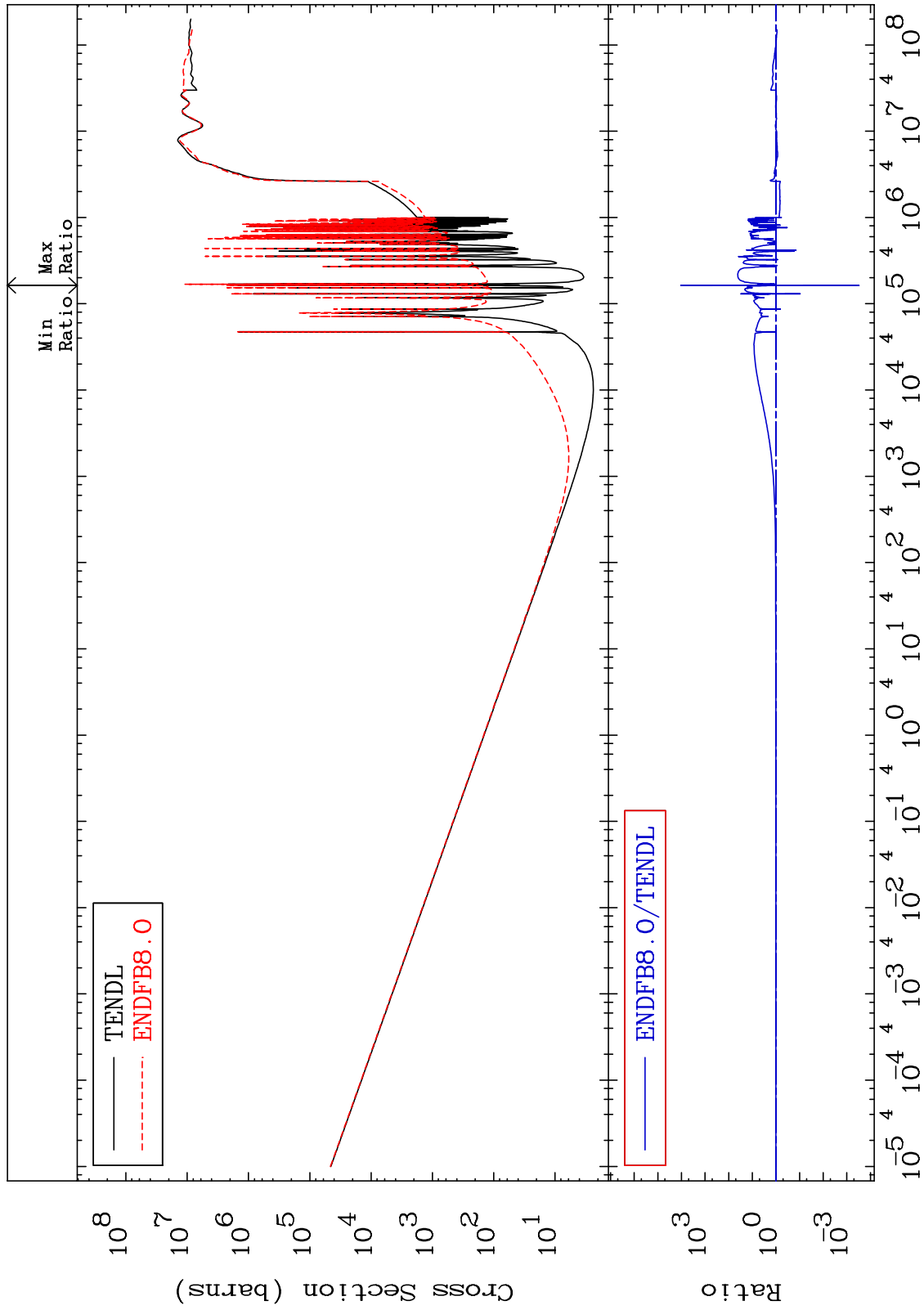
82-Pb-208
-95.81 To 9999. %



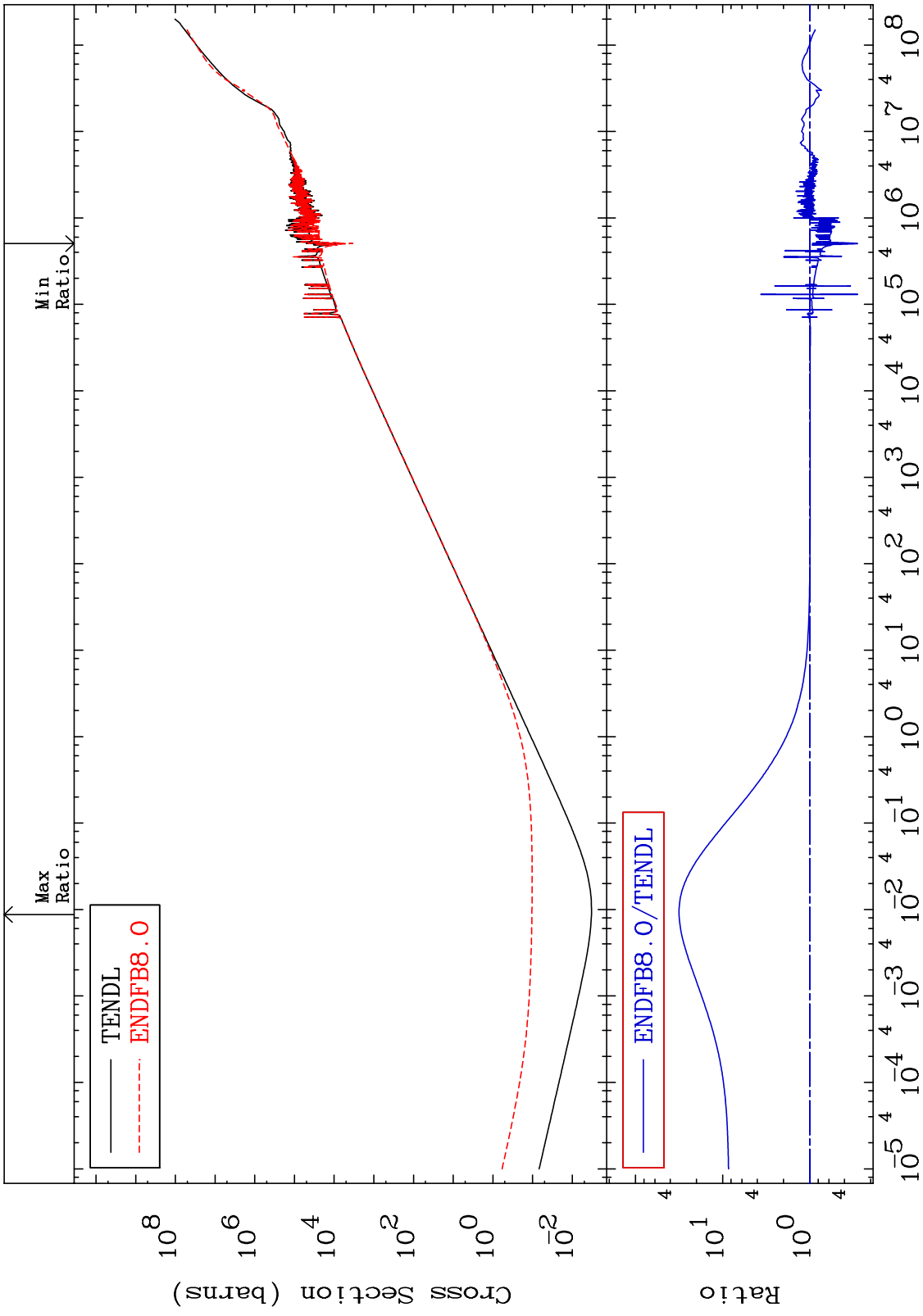
MAT 8237

Total photon (eV-barns)
Cross Section

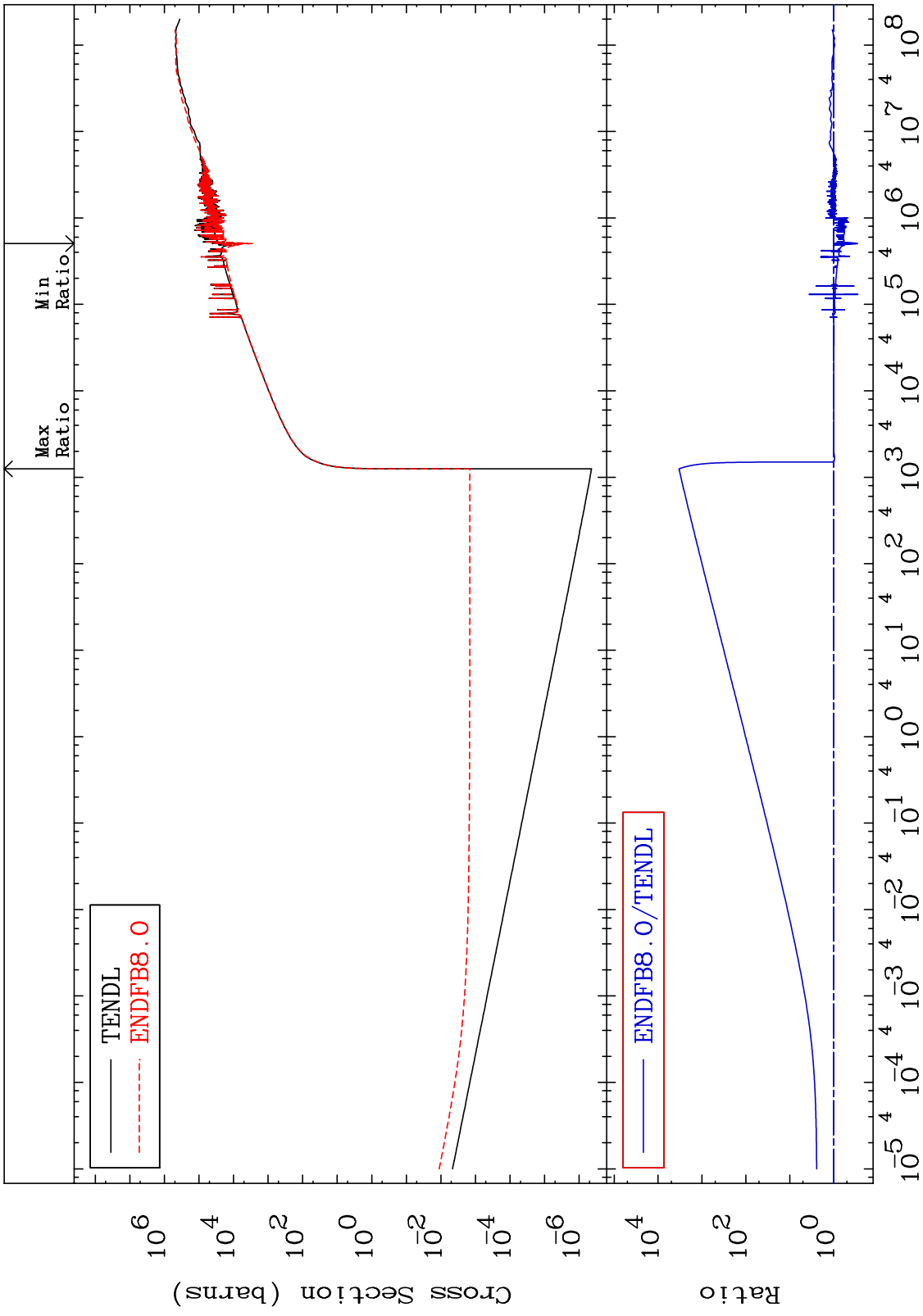
82-Pb-208
-99.97 To 9999. %



MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -71.98 To 3064. %



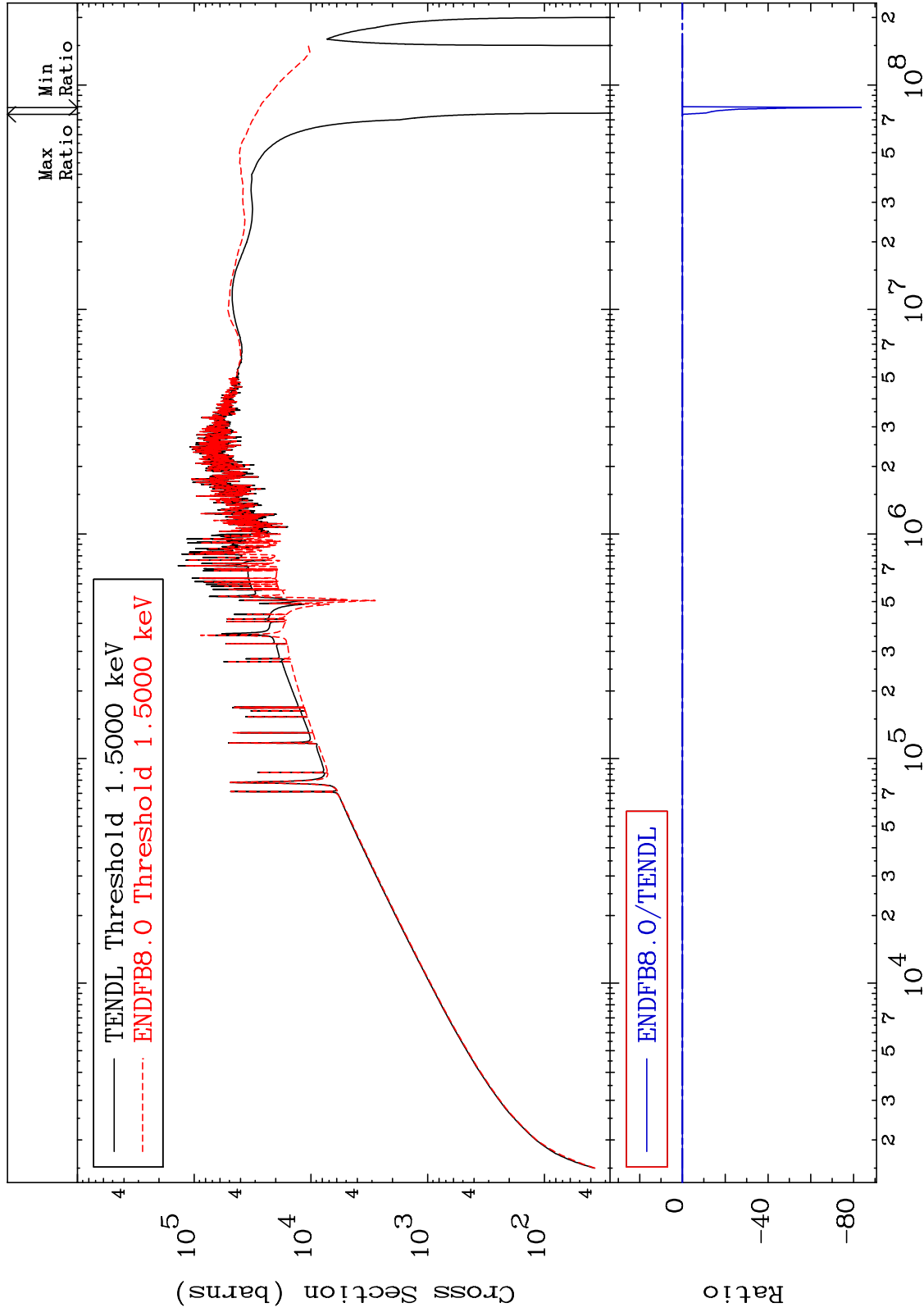
MAT 8237 Dpa total (eV-barns) 82-Pb-208
 Cross Section -71.99 To 9999. %



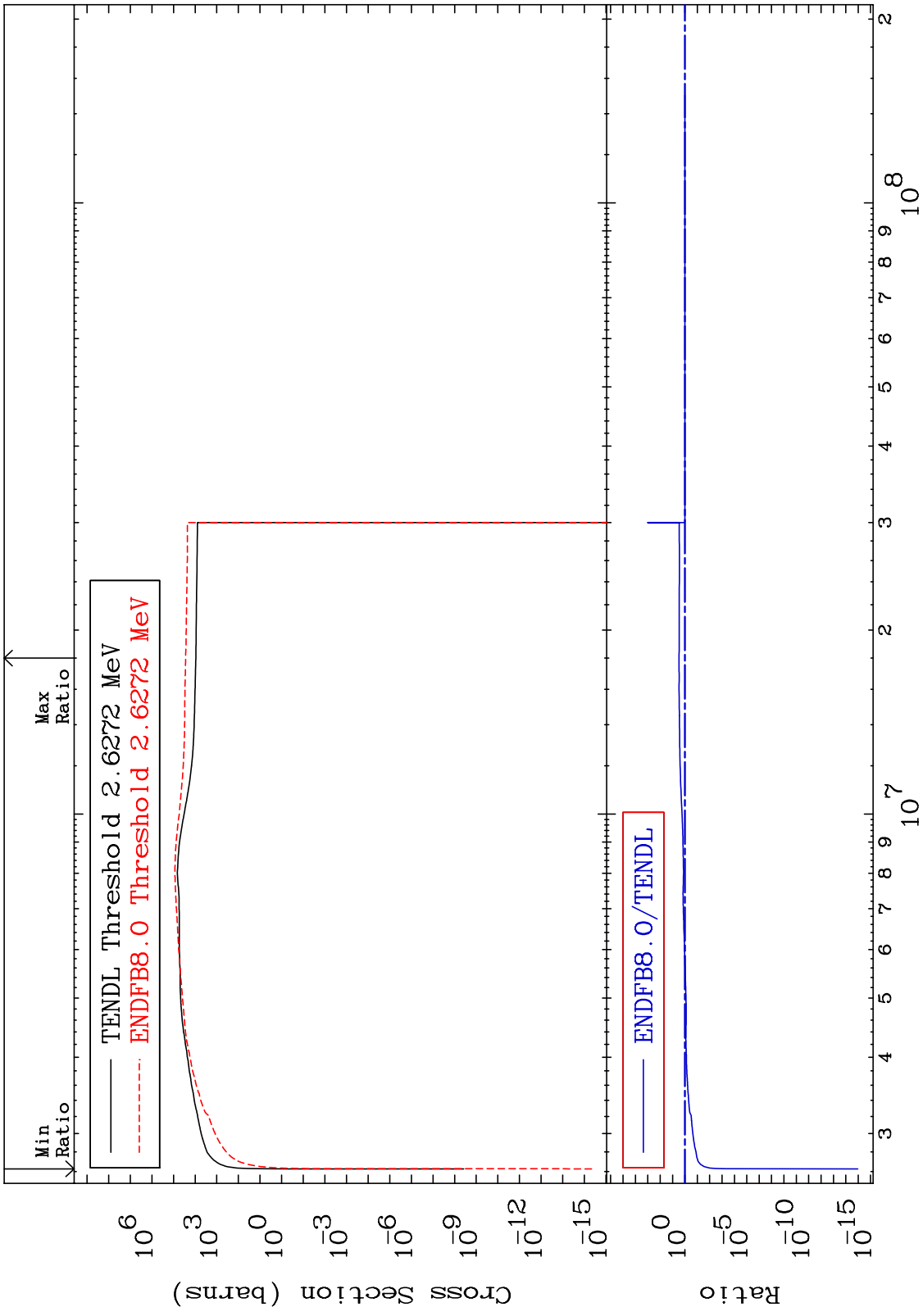
MAT 8237

Dpa elastic (mt2)
Cross Section

82-Pb-208
-9999. To 8462. %



MAT 8237 Dpa inelastic (mt51-91) 82-Pb-208
 Cross Section -100.0 To 197.6 %



MAT 8237

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-208
-97.42 To 9999. %

