

Program Complot
(Version 2018-1)

by

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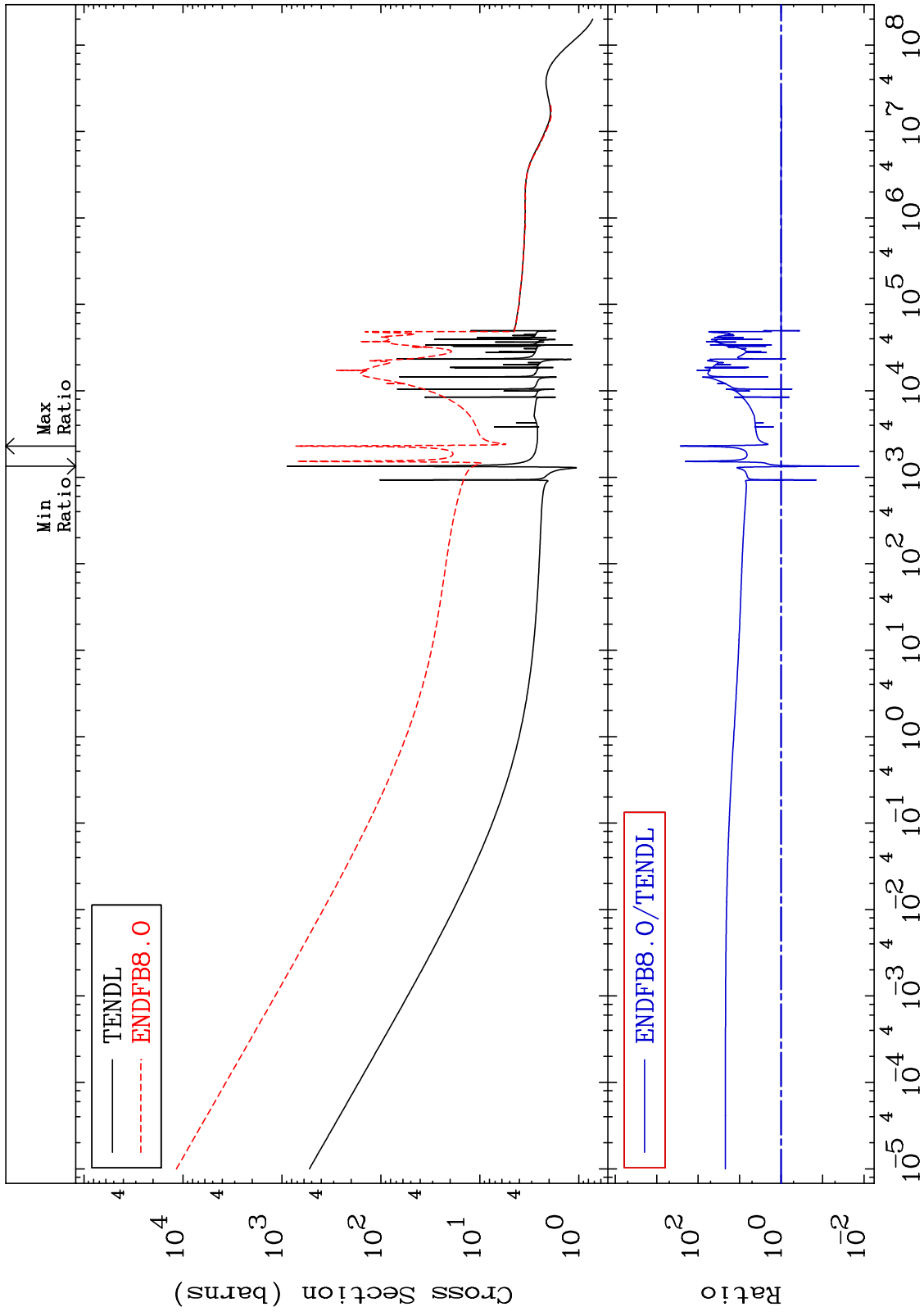
Press Mouse Button to Start

MAT 1728

Total
Cross Section

17-Cl-36

-98.67 To 9999. %



1

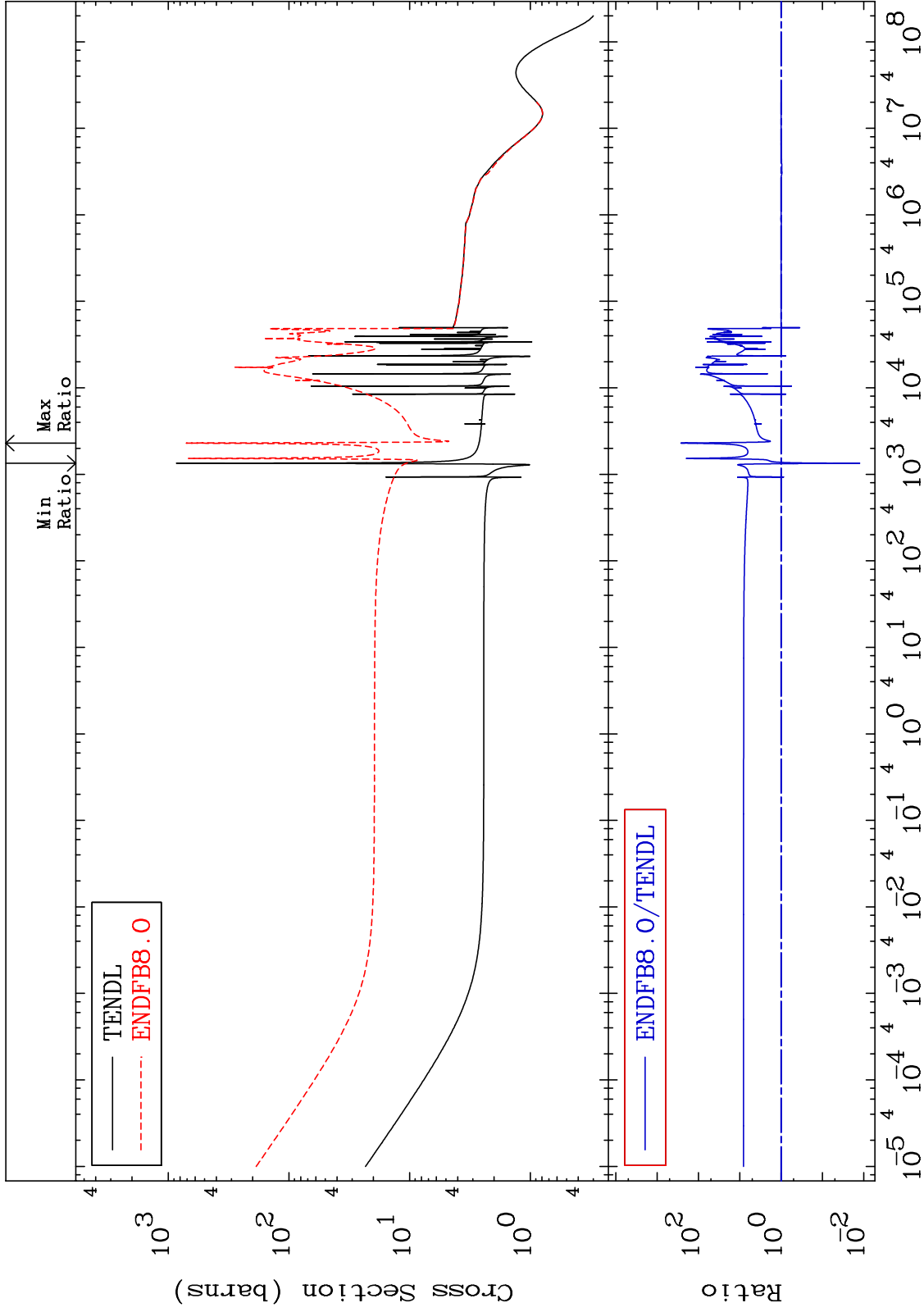
Incident Energy (eV)

17-Cl-36

MAT 1728

Elastic
Cross Section

17-Cl-36
-98.75 To 9999. %

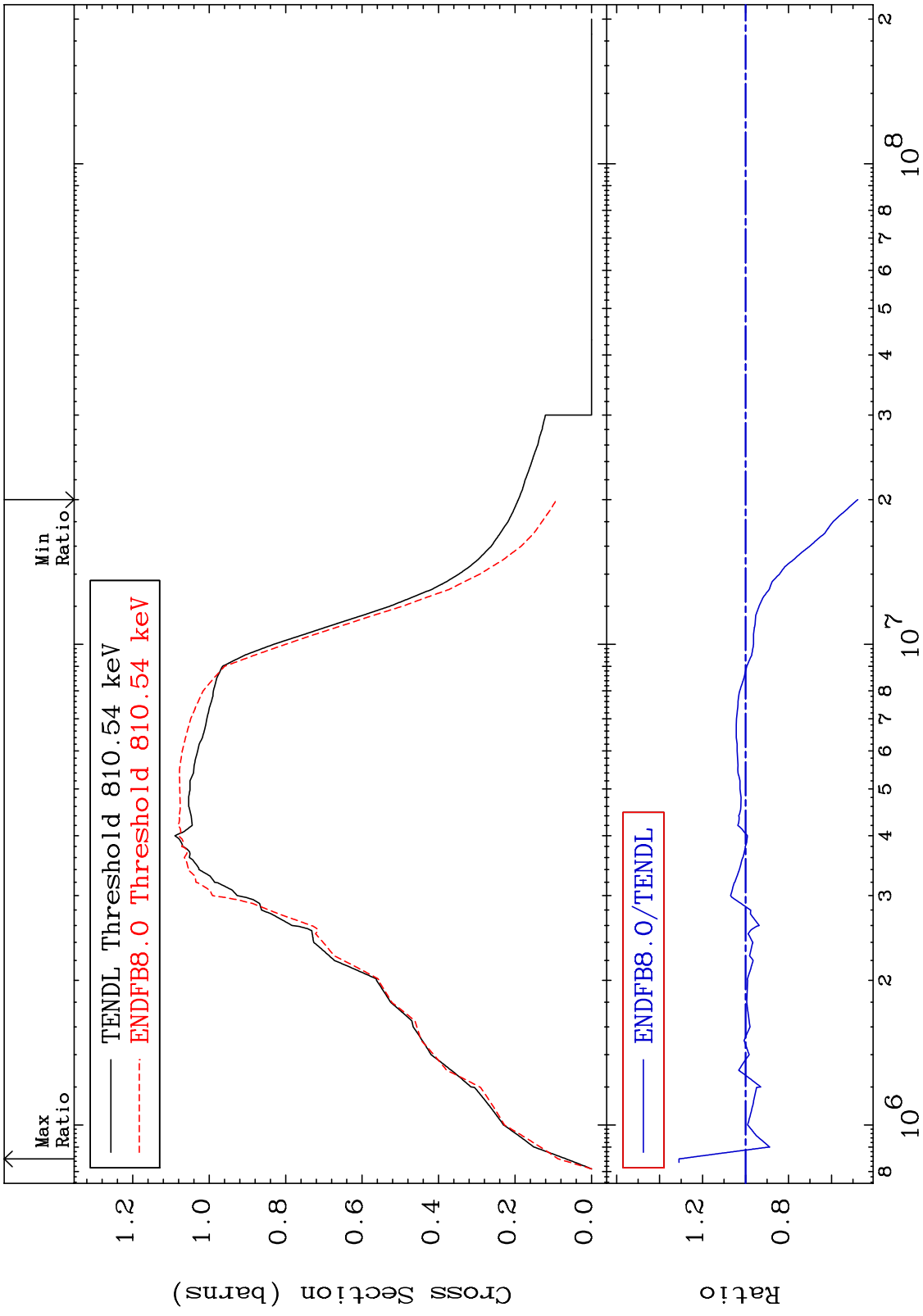


2

Incident Energy (eV)

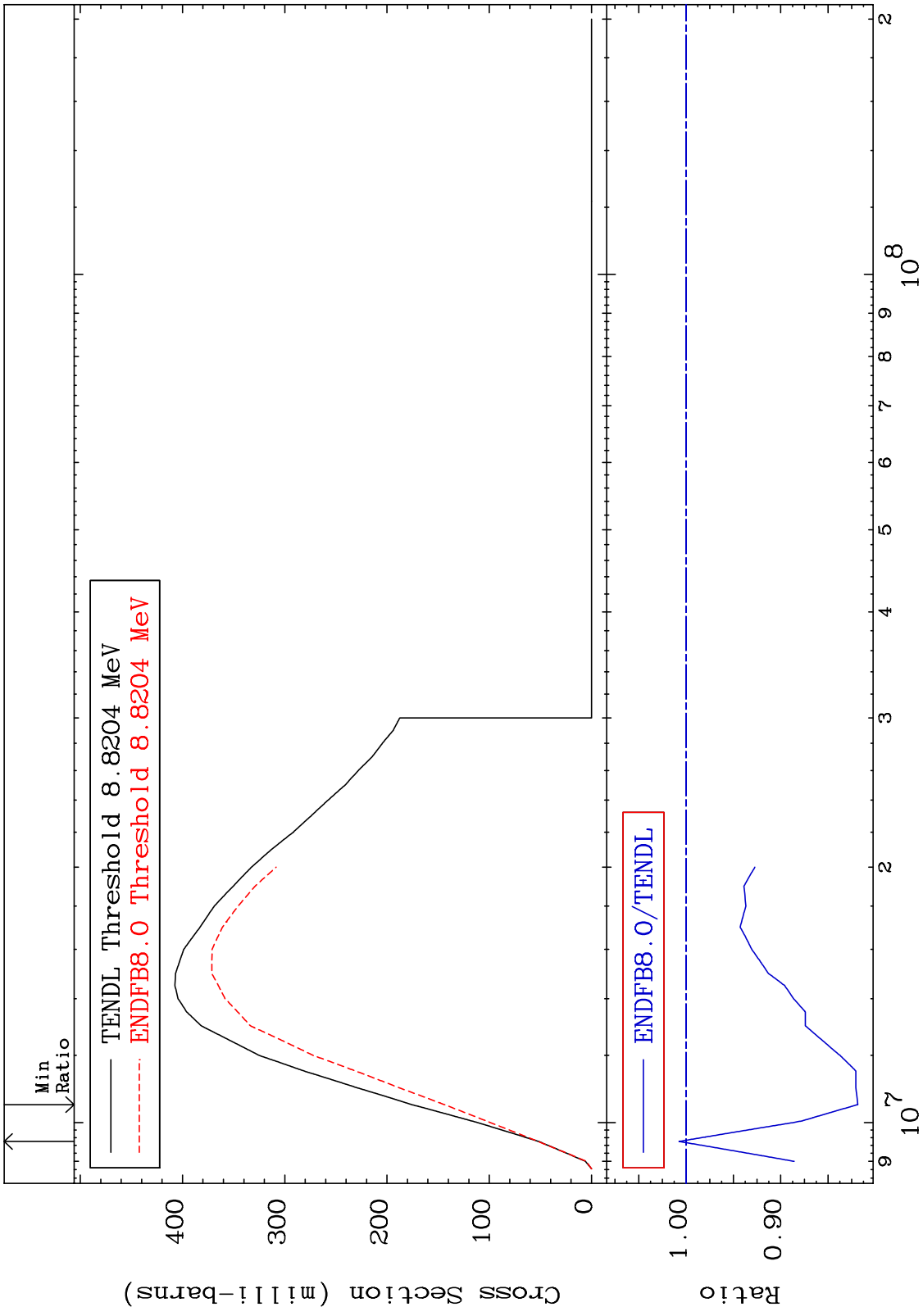
17-Cl-36

MAT 1728 Inelastic Cross Section 17-Cl-36 -52.26 To 30.95 %



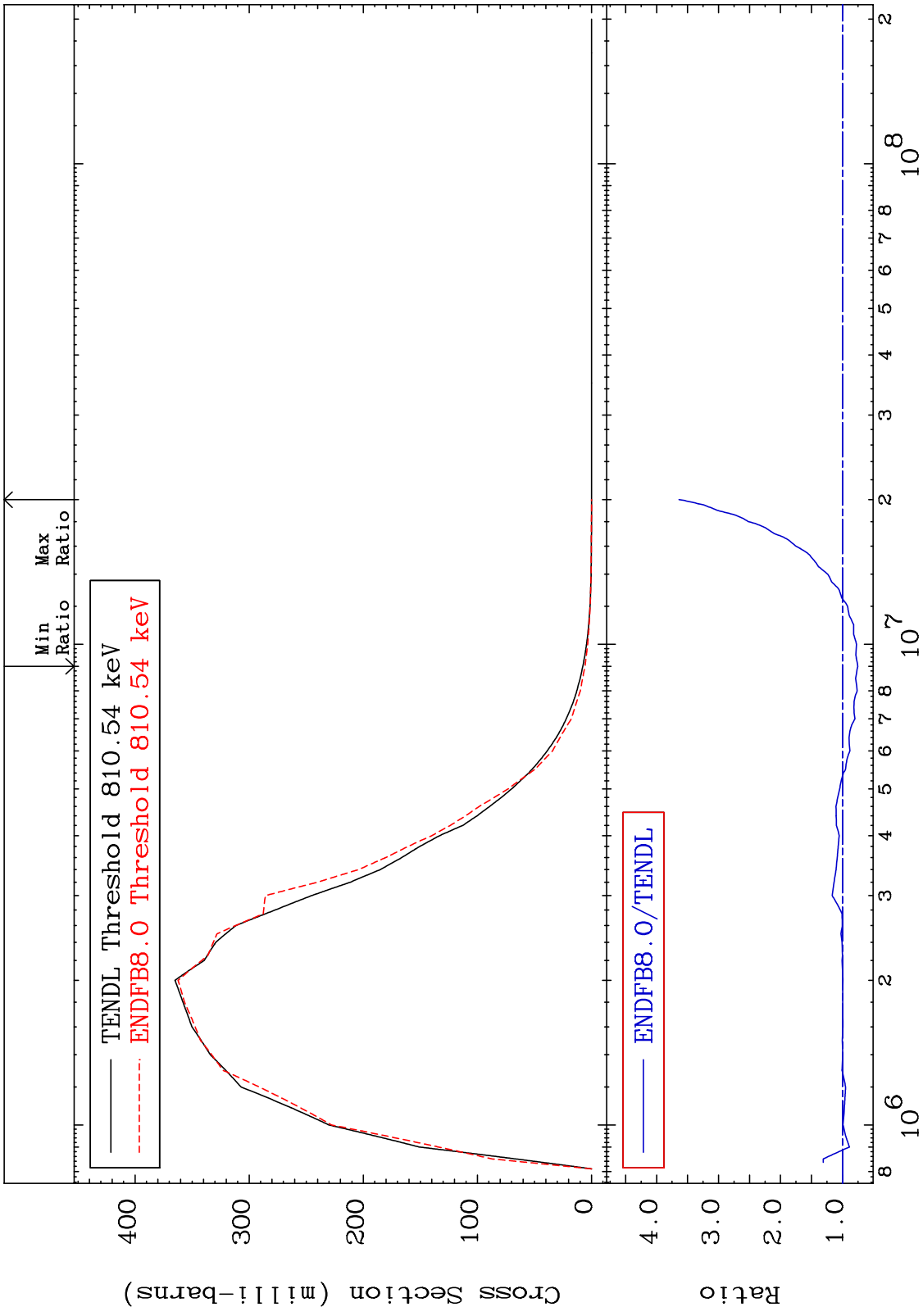
3 Incident Energy (eV) 17-Cl-36

MAT 1728 (n,2n) Cross Section 17-Cl-36
-18.14 To 0.737 %



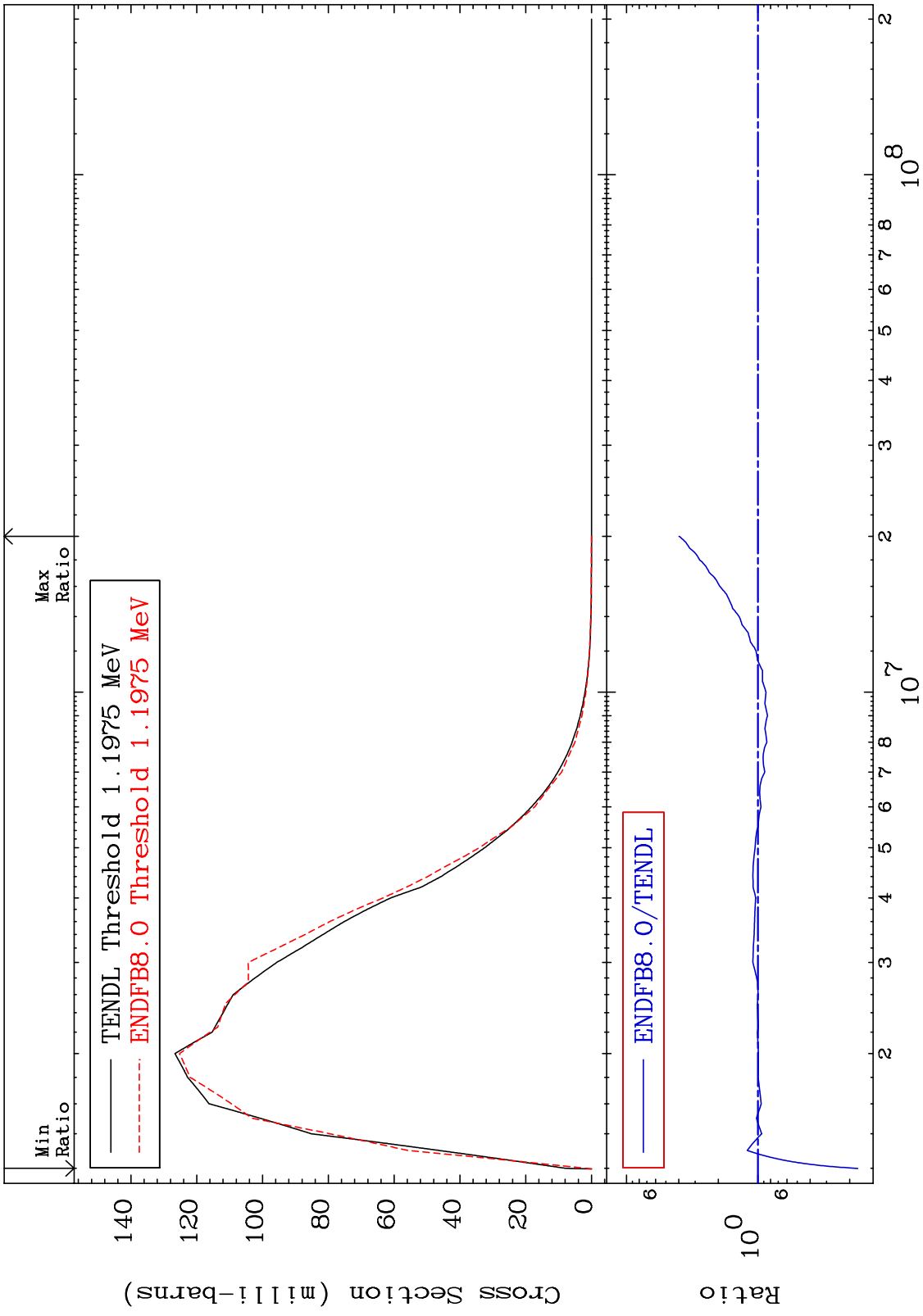
4 9 10⁷ 2 10⁸ 17-Cl-36

MAT 1728 MT= 51 (n,n') Level Cross Section 17-Cl-36
 -24.87 To 263.8 %



5 Incident Energy (eV) 17-Cl-36

MAT 1728 MT= 52 (n,n') Level Cross Section -82.68 To 297.6 % 17-Cl-36

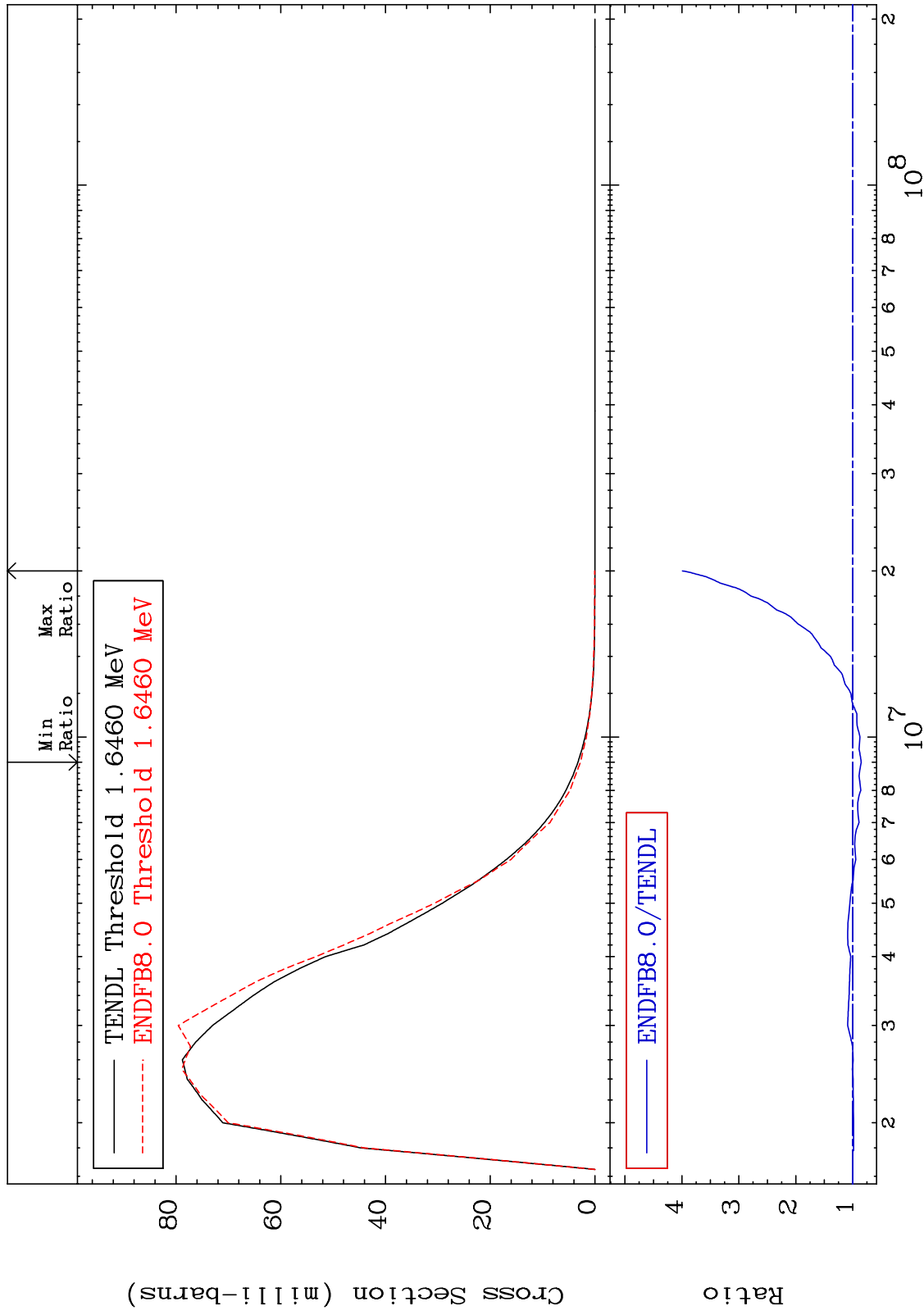


6 17-Cl-36

MAT 1728

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

17-Cl-36
-14.96 To 299.0 %

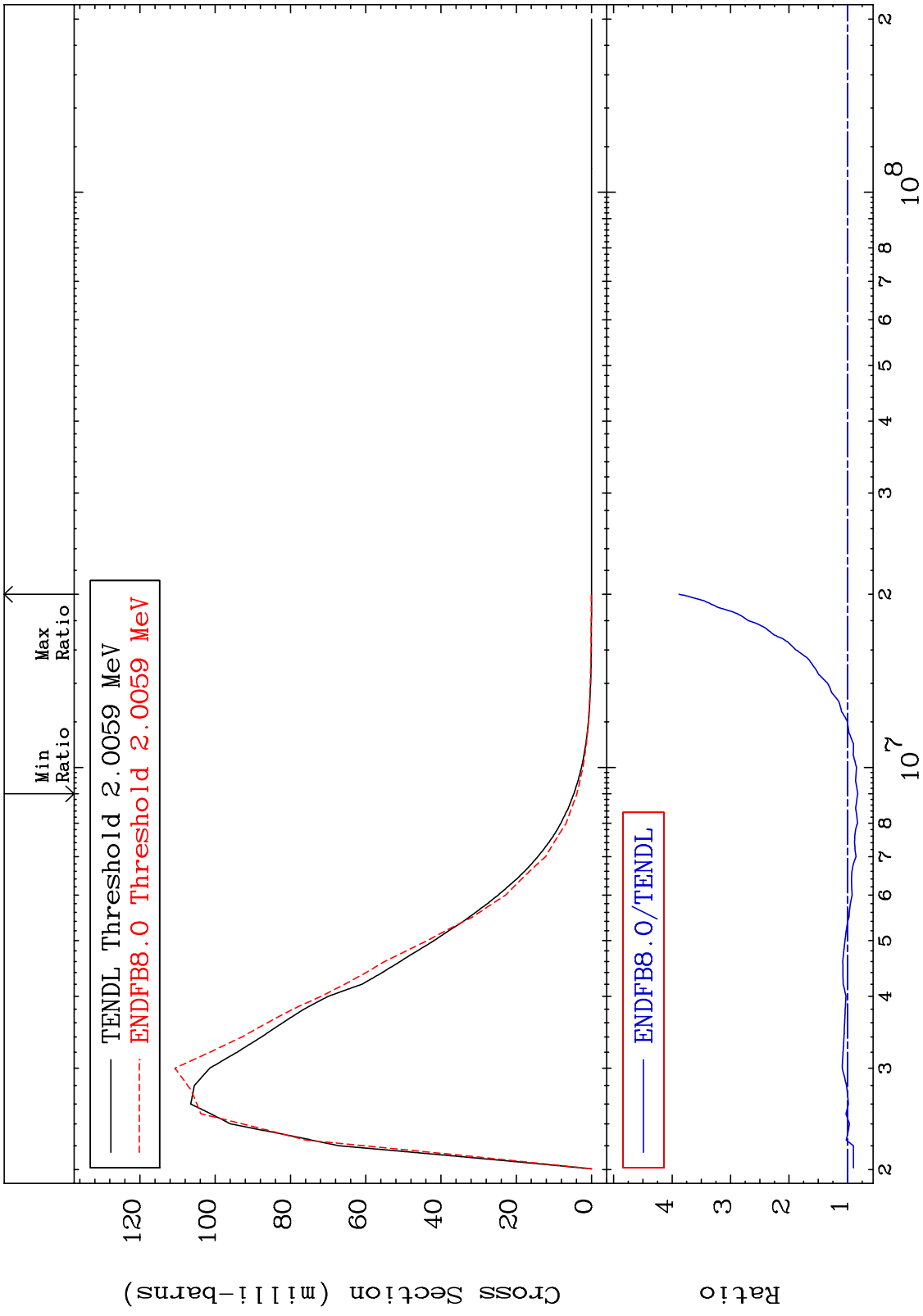


7

Incident Energy (eV)

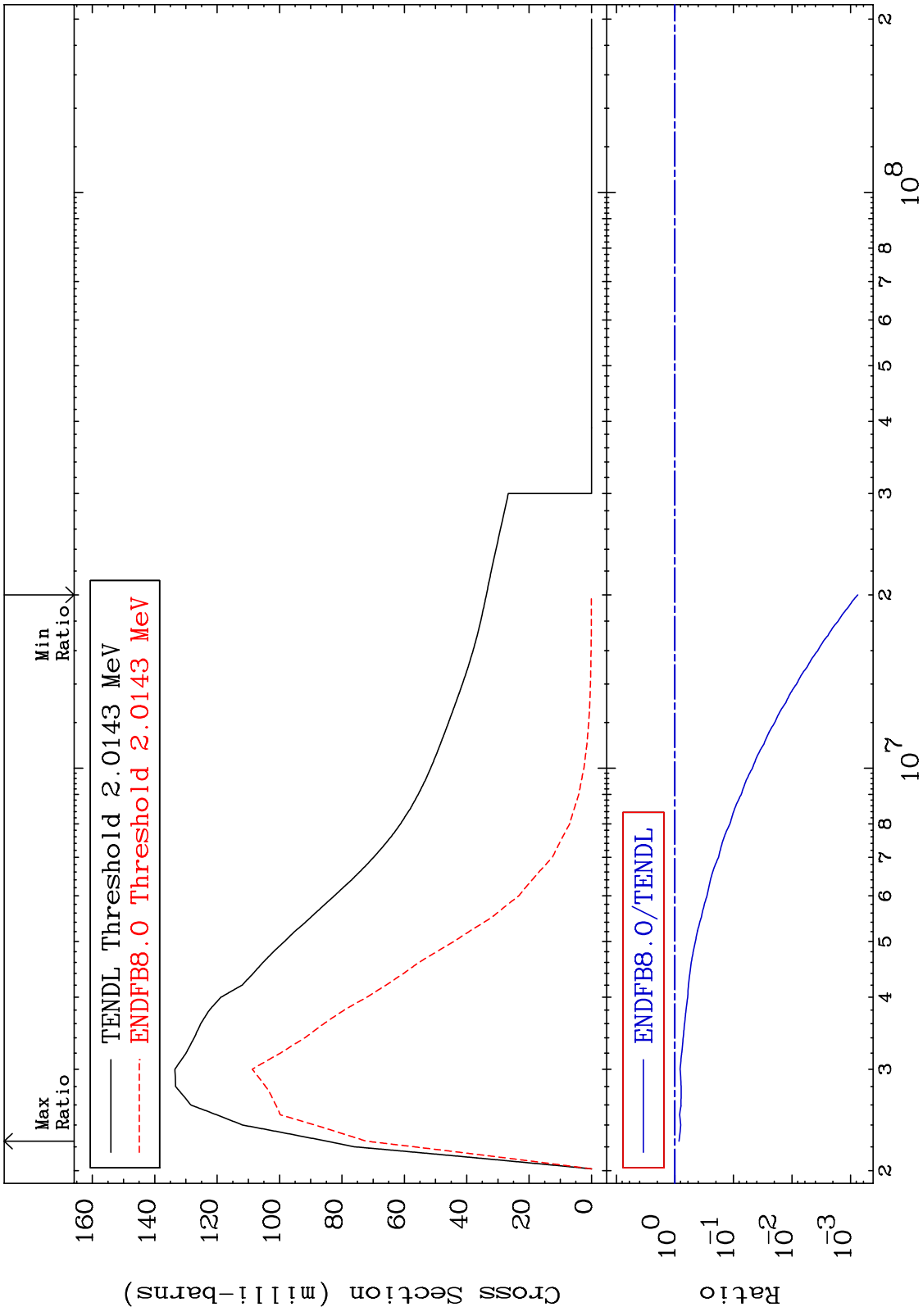
17-Cl-36

MAT 1728 MT= 54 (n,n') Level Cross Section -17.69 To 288.1 % 17-Cl-36

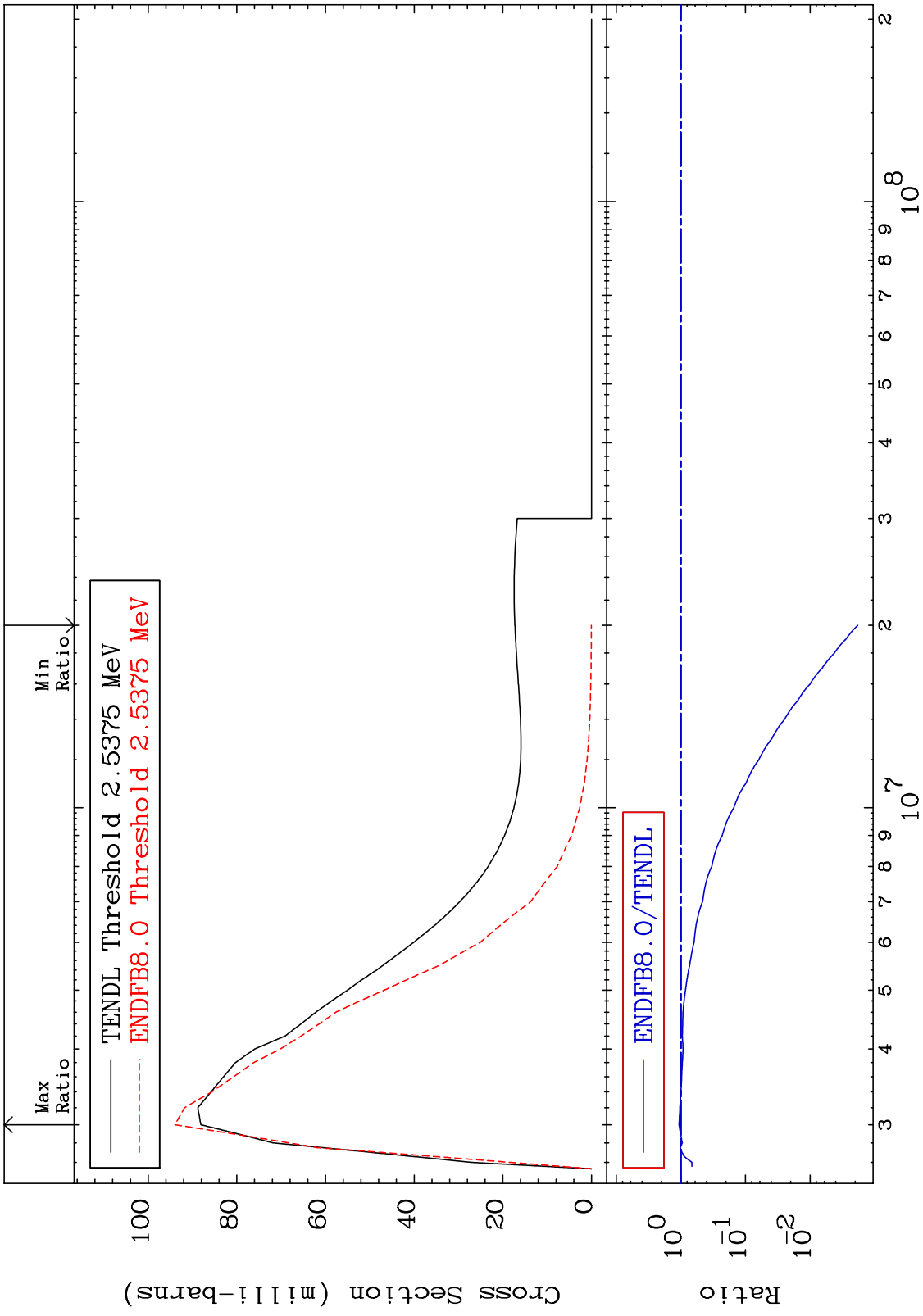


8 Incident Energy (eV) 17-Cl-36

MAT 1728 MT= 55 (n,n') Level Cross Section 17-Cl-36
 -99.92 To -14.97%

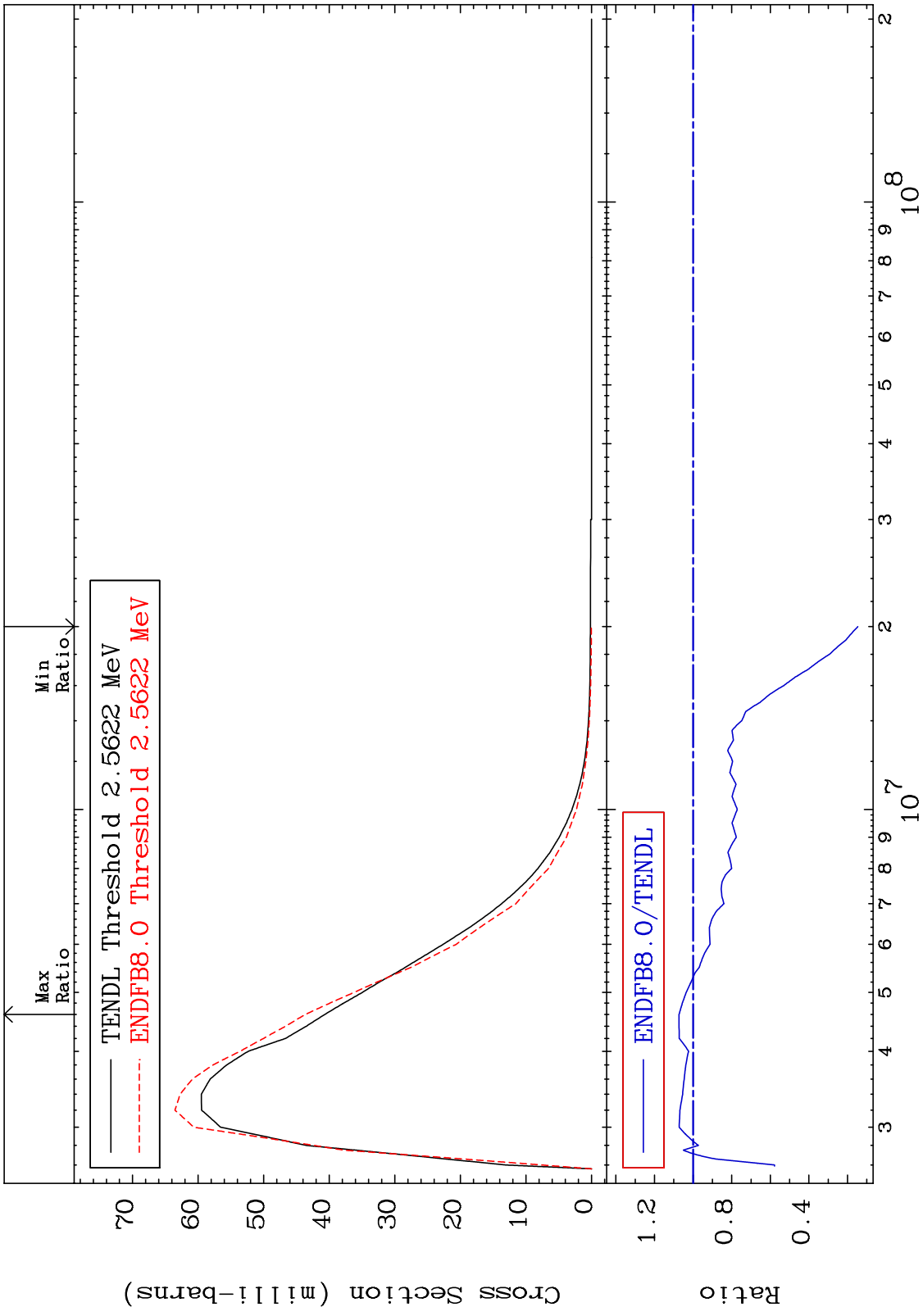


MAT 1728 MT= 56 (n,n') Level Cross Section 17-Cl-36
 -99.82 To 6.628 %

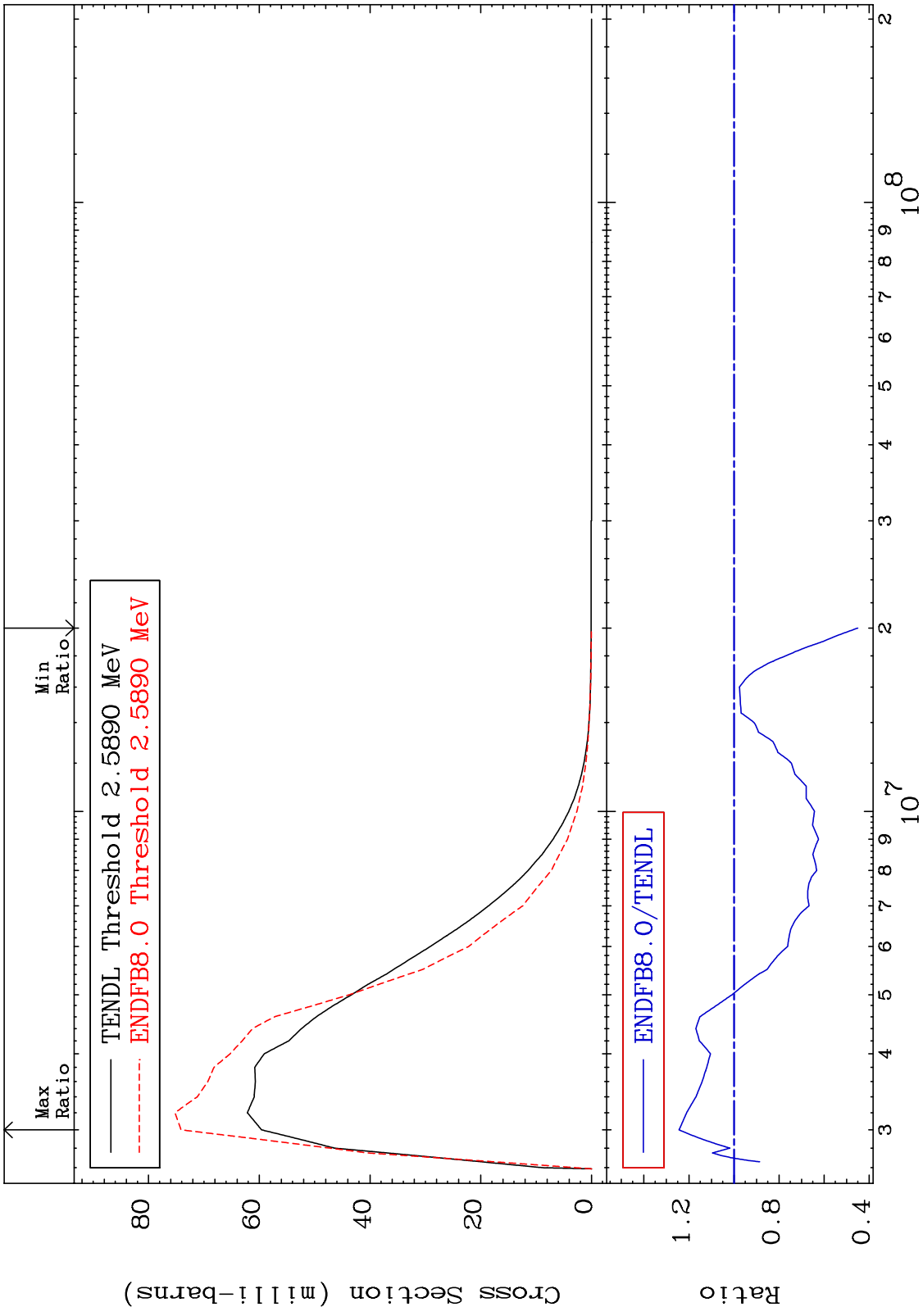


10 17-Cl-36

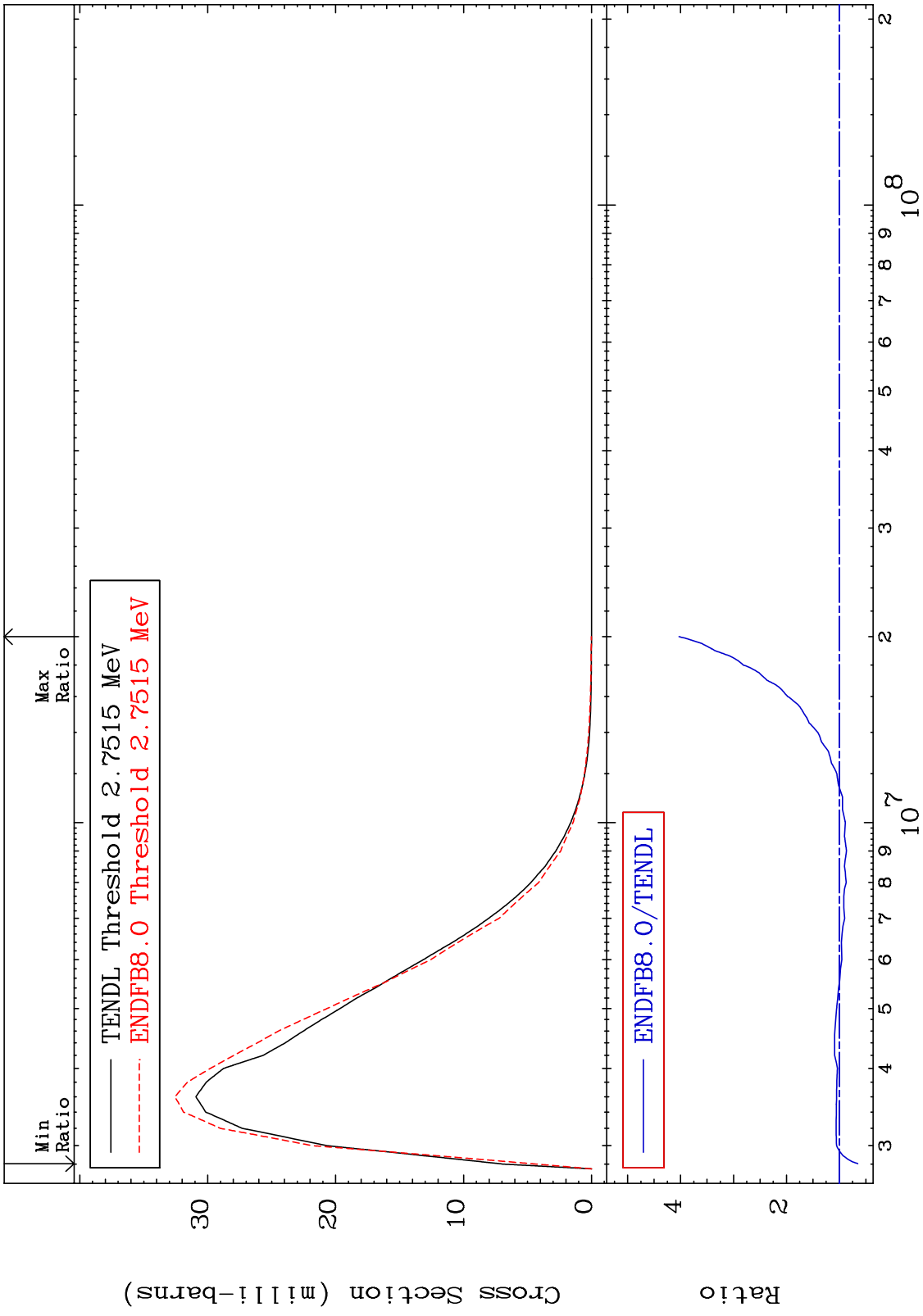
MAT 1728 MT= 57 (n,n') Level Cross Section -85.34 To 7.277 % 17-Cl-36



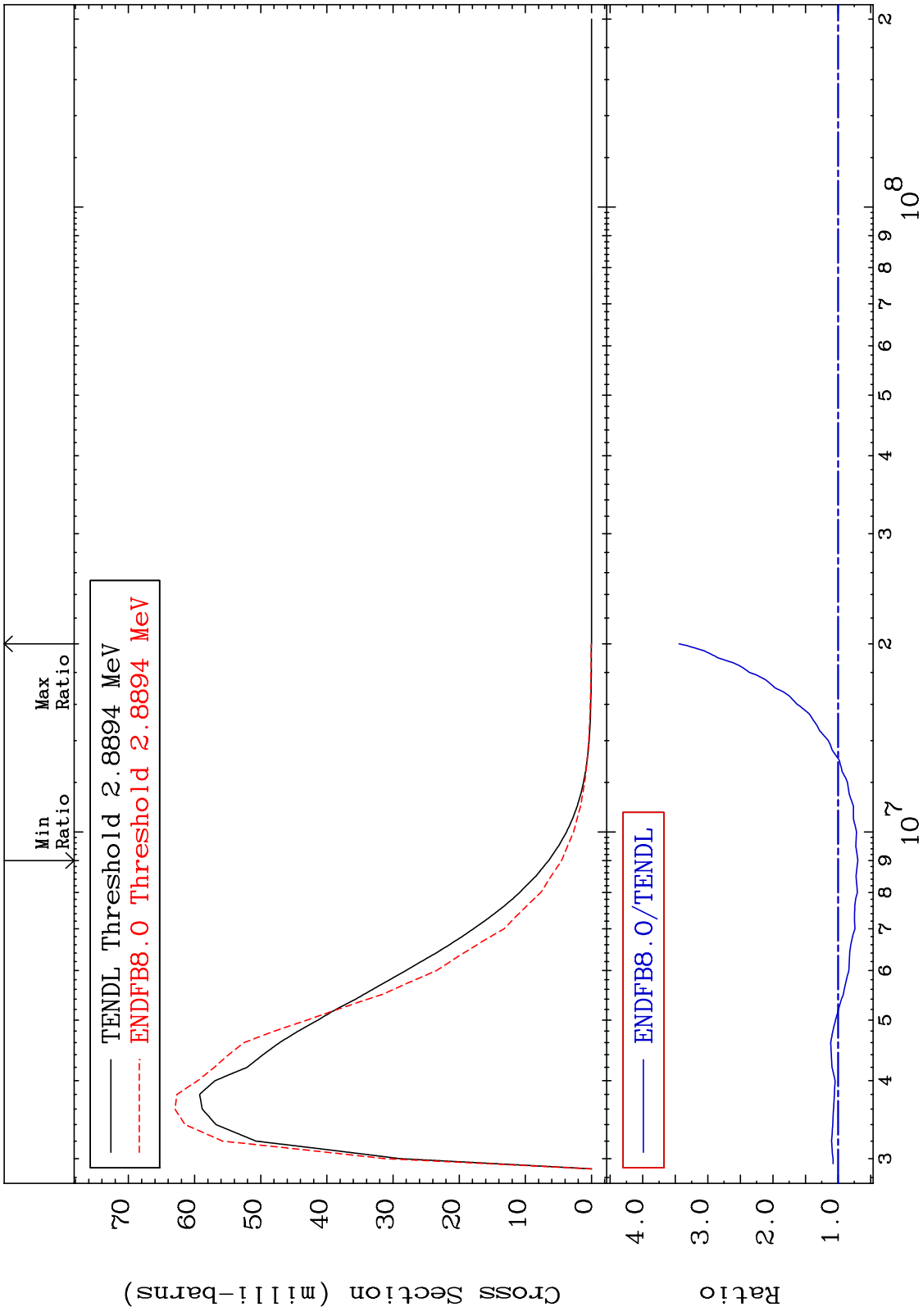
MAT 1728 MT= 58 (n,n') Level Cross Section -54.98 To 24.38 % 17-Cl-36



MAT 1728 MT= 59 (n,n') Level Cross Section -34.88 To 302.9 % 17-Cl-36



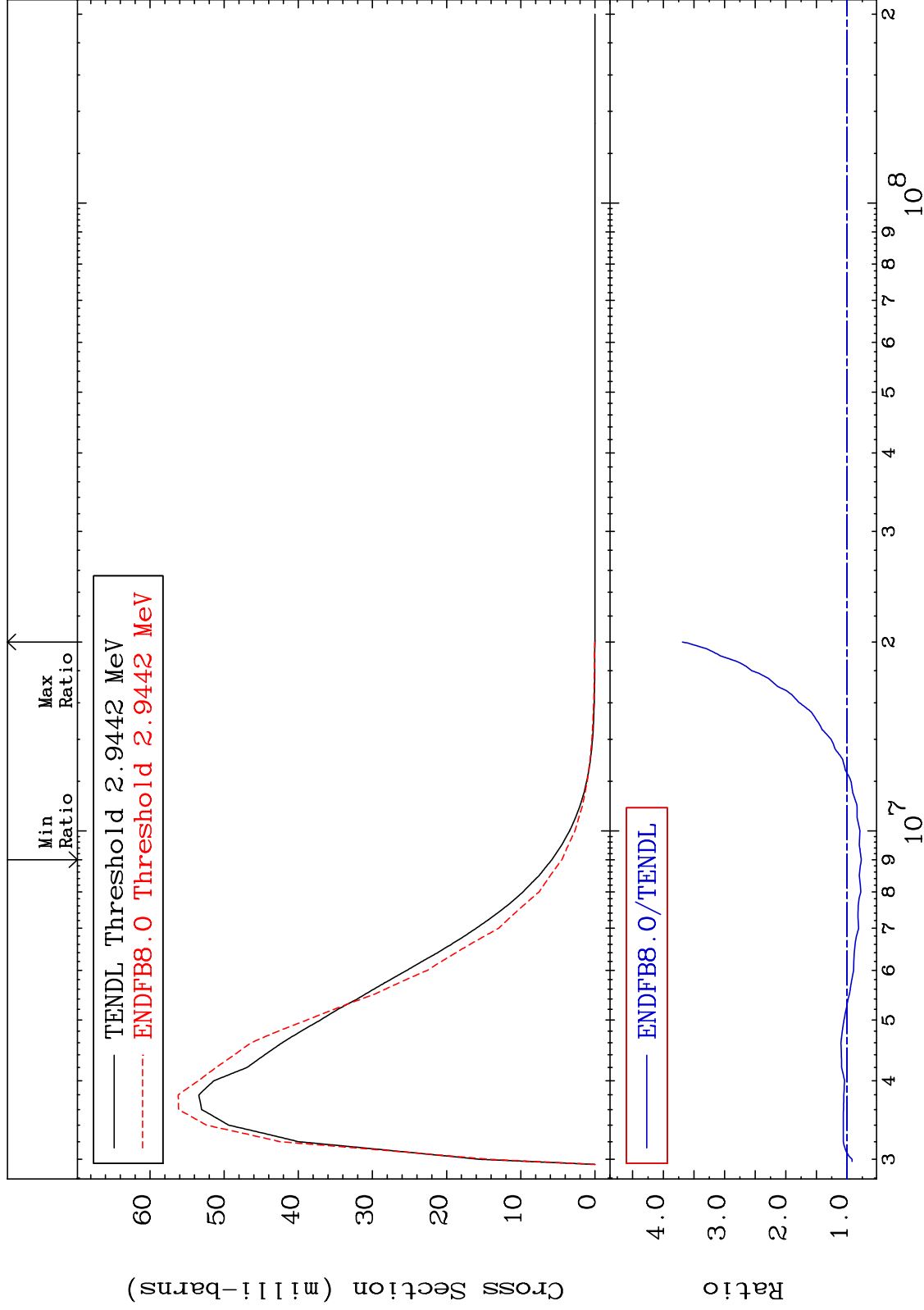
MAT 1728 MT= 60 (n,n') Level Cross Section -30.30 To 244.2 % 17-Cl-36



MAT 1728

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

17-CI-36
-23.28 To 268.7 %

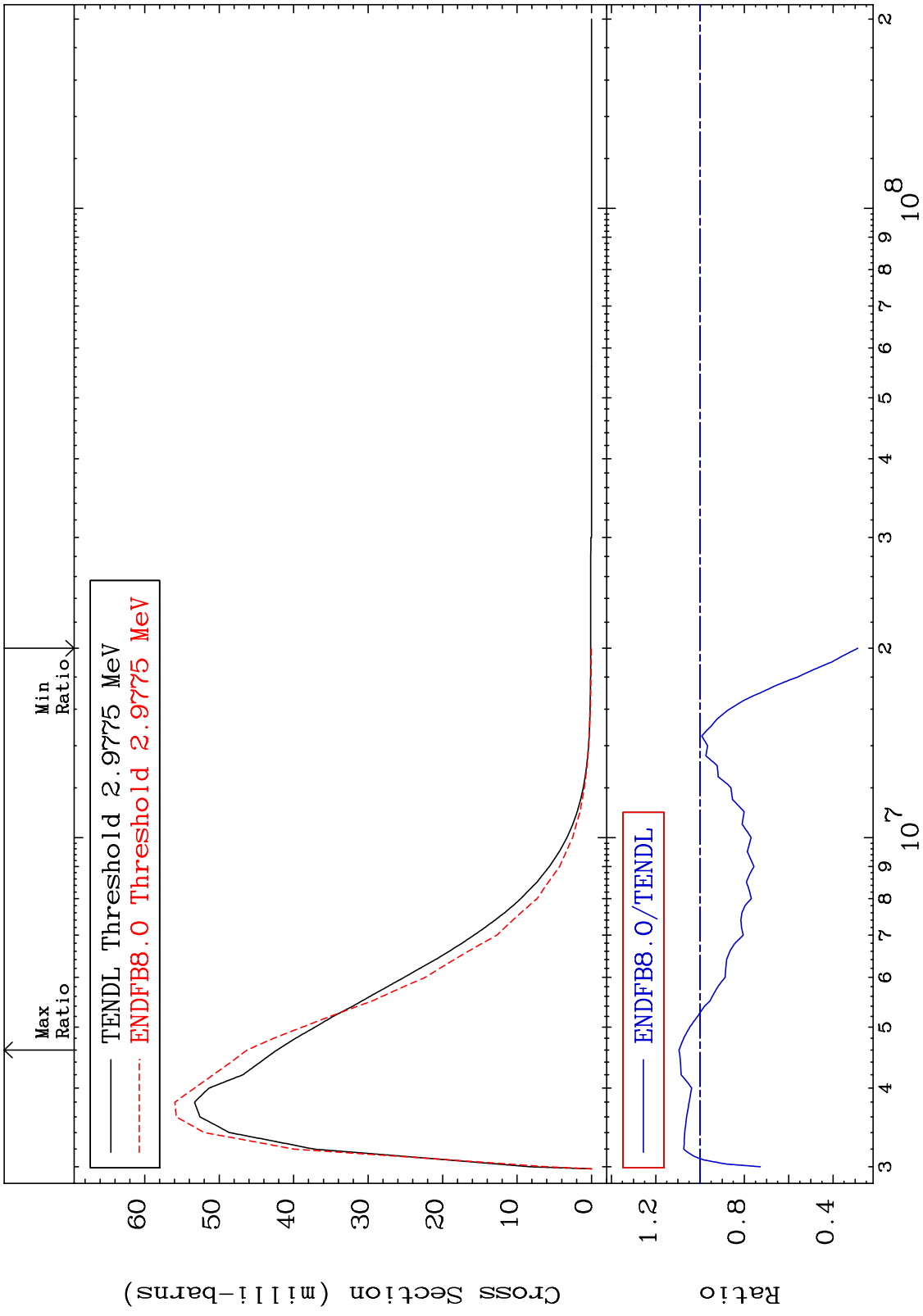


15

Incident Energy (eV)

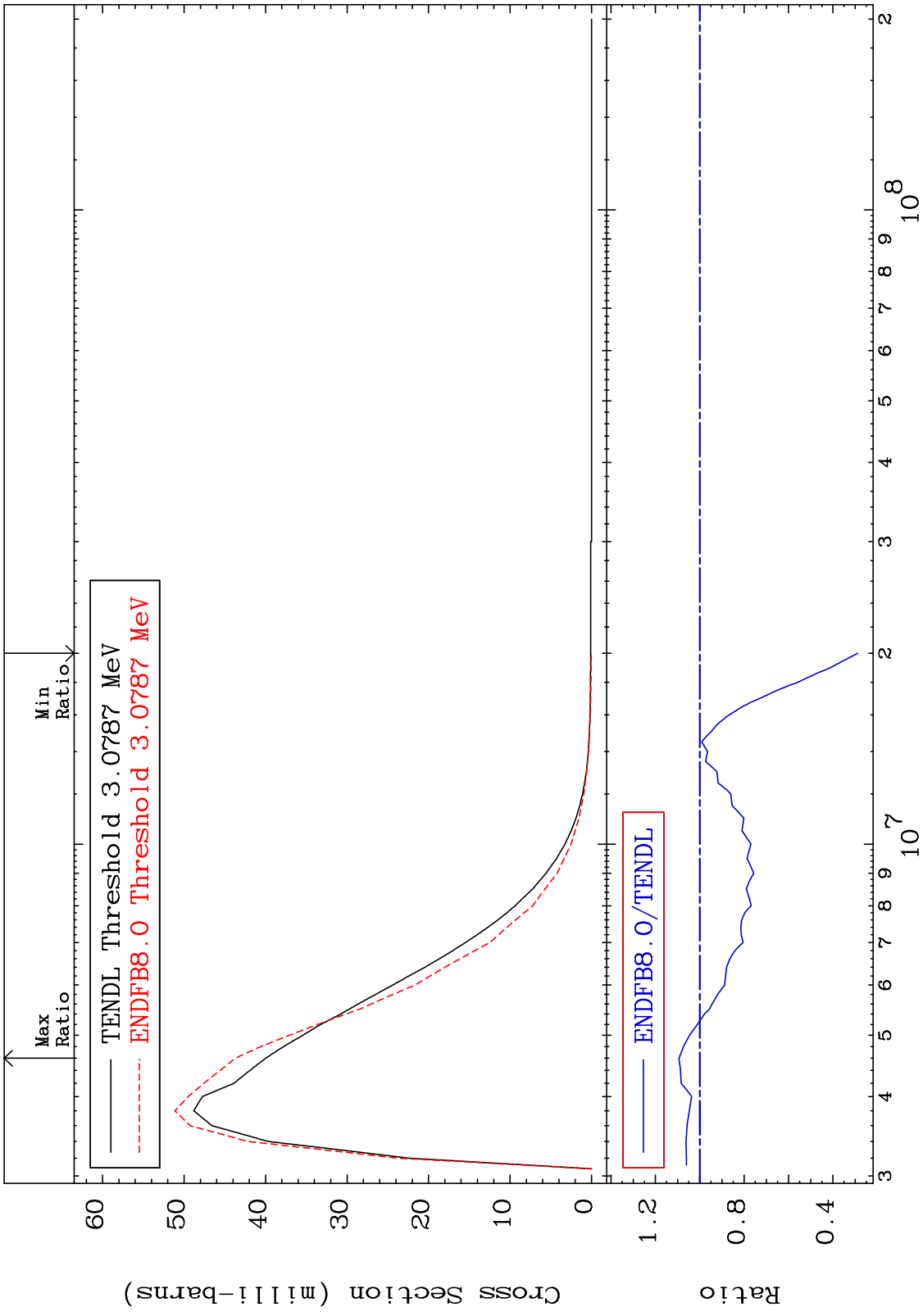
17-CI-36

MAT 1728 MT= 62 (n,n') Level Cross Section 17-Cl-36
 -71.19 To 9.468 %



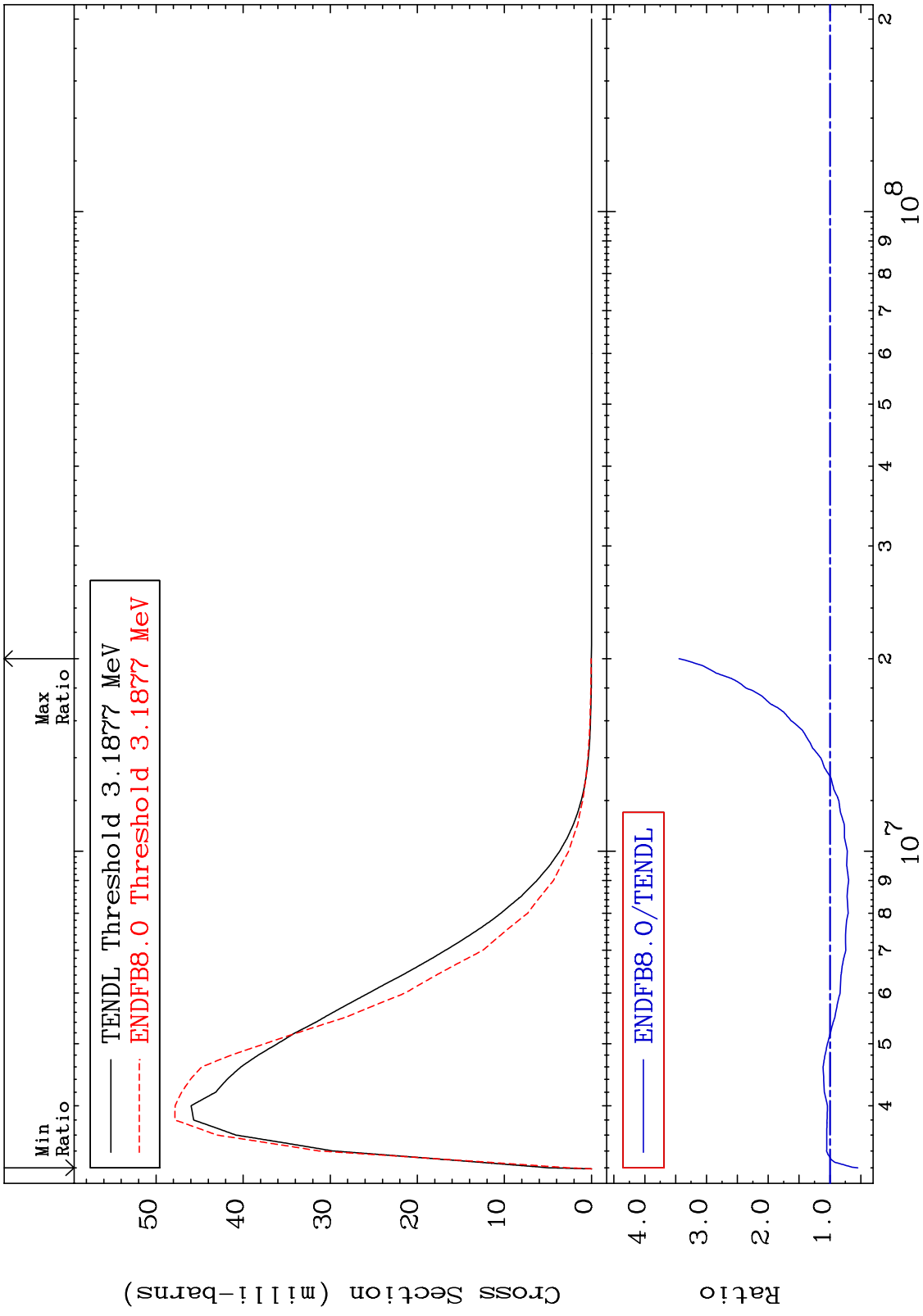
16 17-Cl-36

MAT 1728 MT= 63 (n,n') Level Cross Section -71.22 To 9.356 % 17-Cl-36

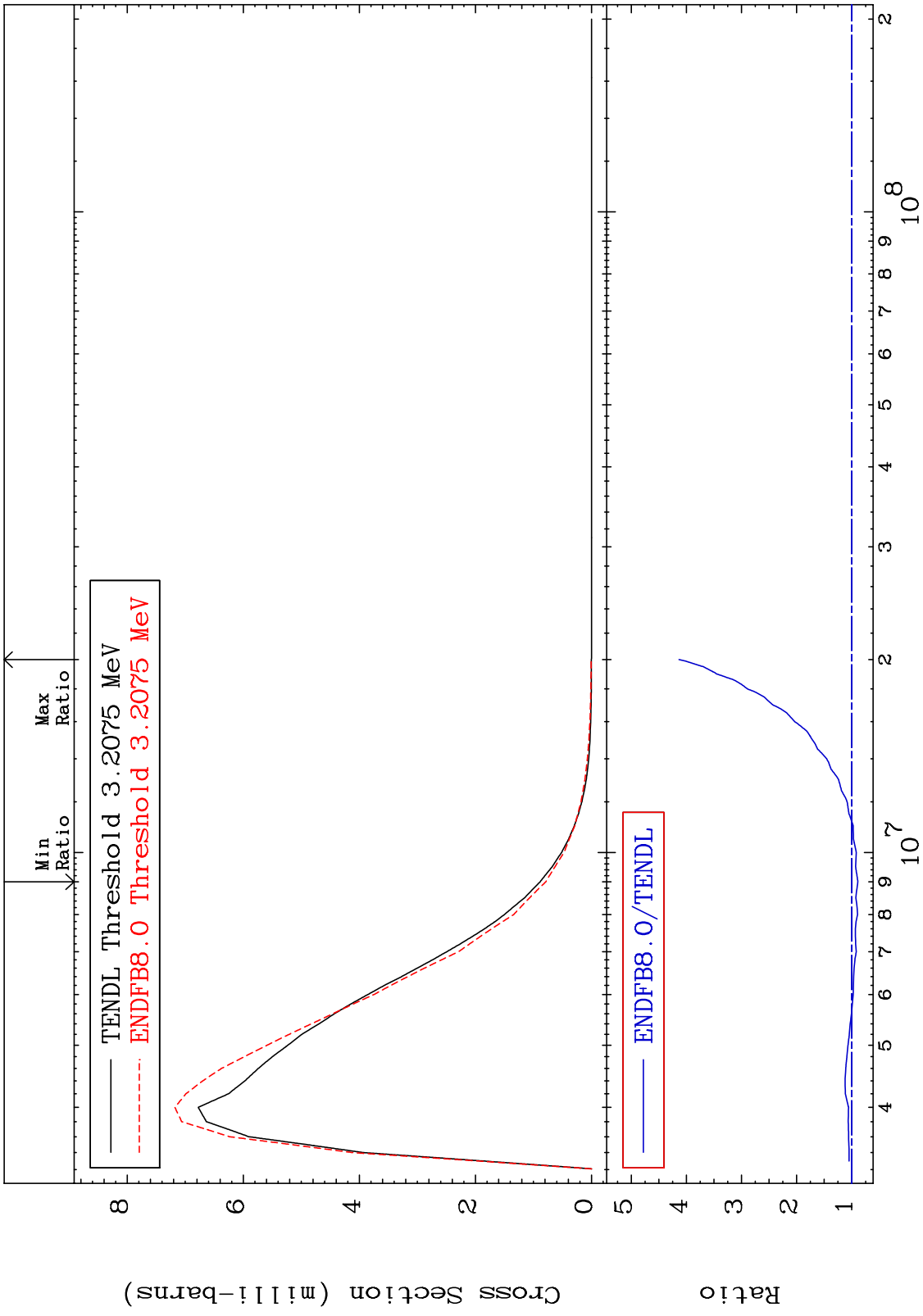


17 Incident Energy (eV) 17-Cl-36

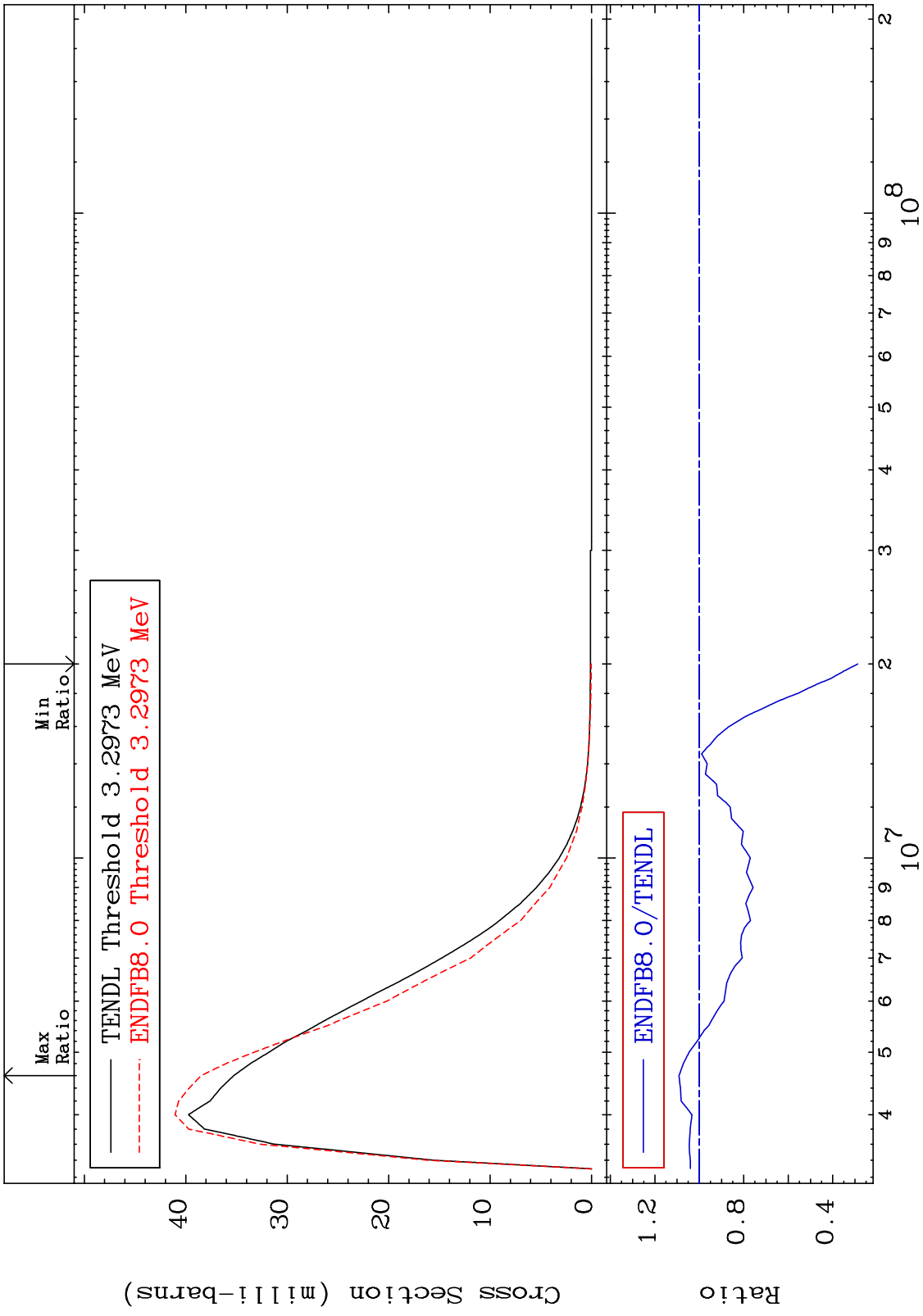
MAT 1728 MT= 64 (n,n') Level Cross Section 17-CI-36
 -45.16 To 244.5 %



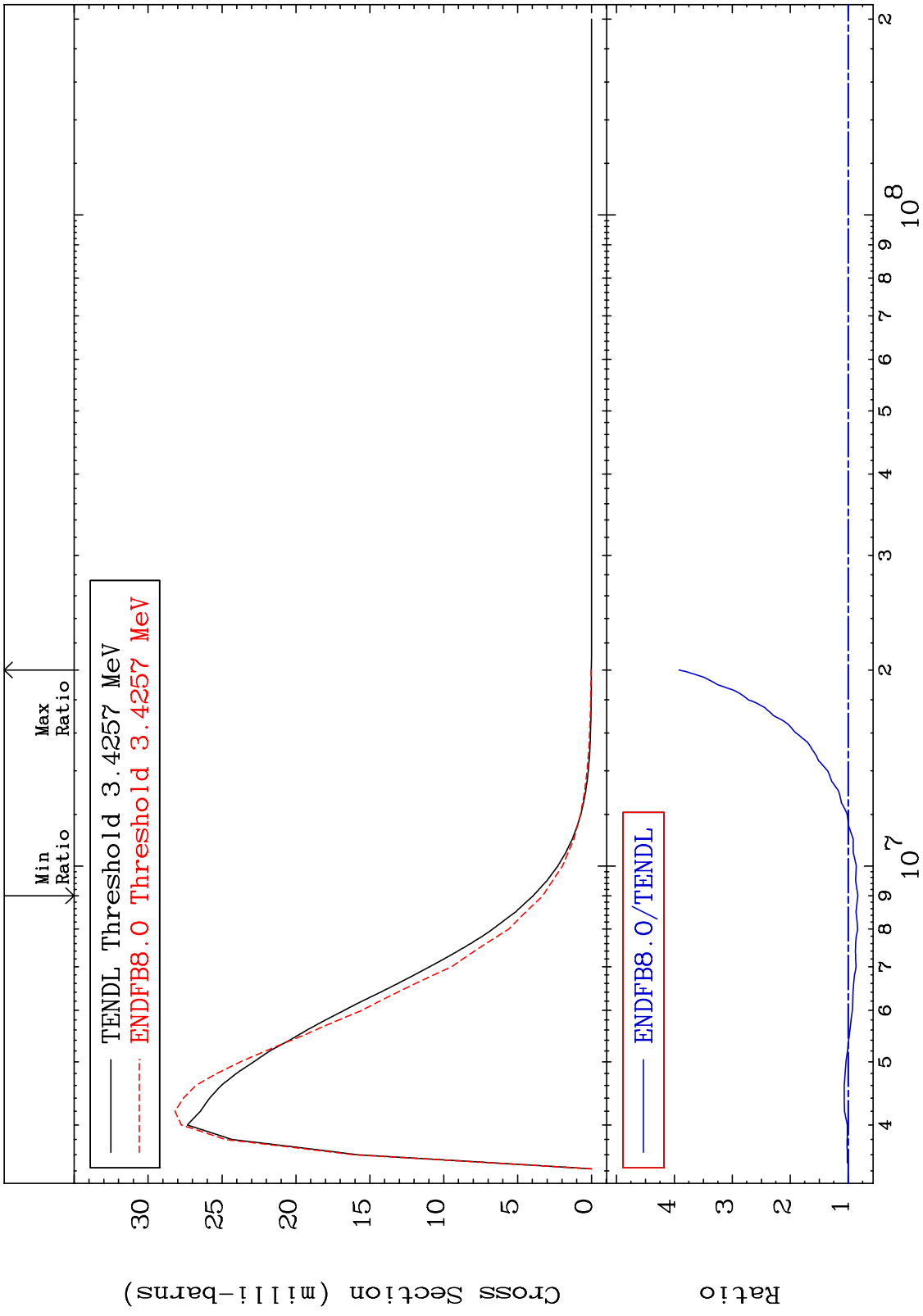
MAT 1728 MT= 65 (n,n') Level Cross Section -11.00 To 313.4 % 17-Cl-36



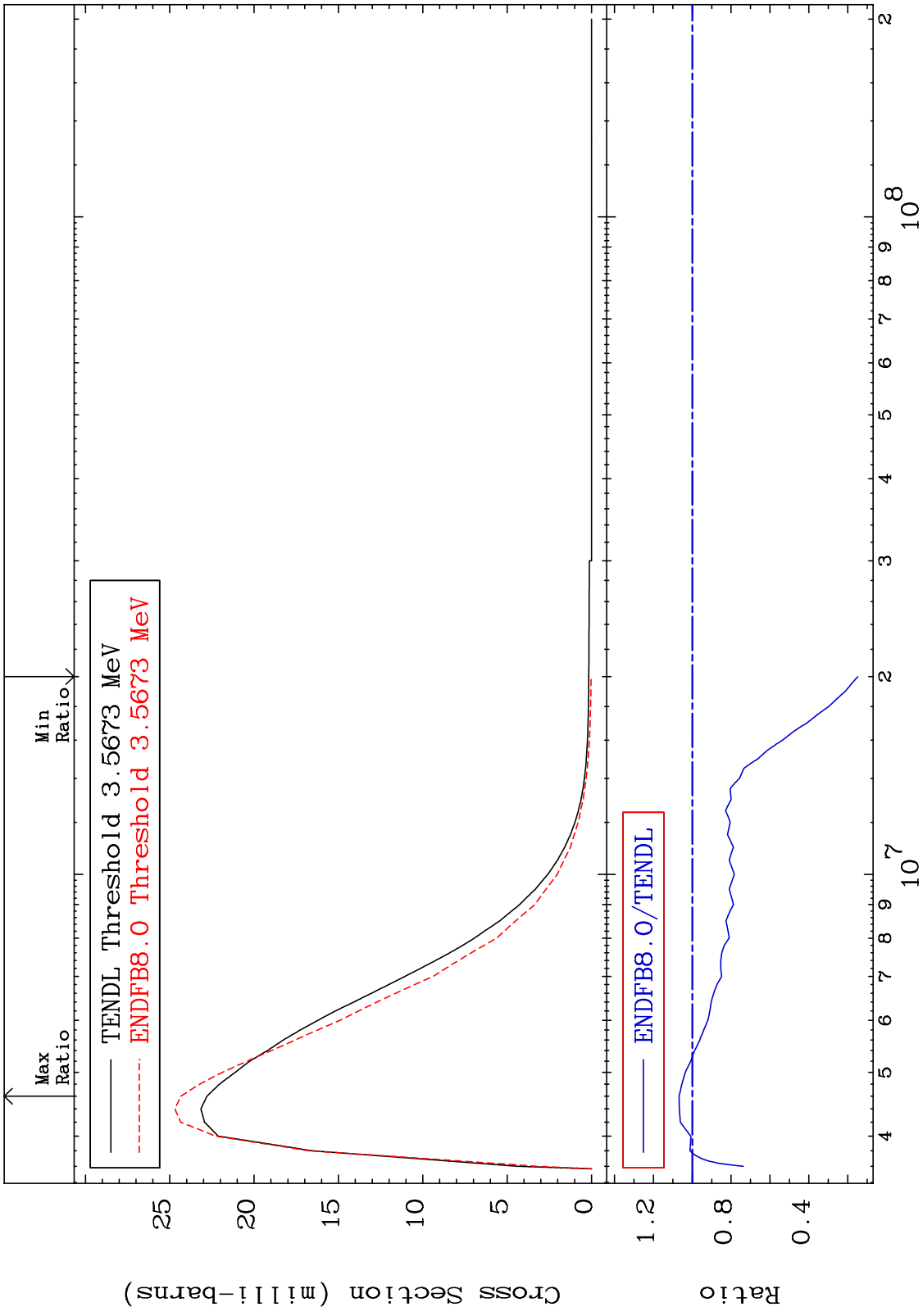
MAT 1728 MT= 66 (n,n') Level Cross Section 17-Cl-36
 -71.29 To 9.110 %



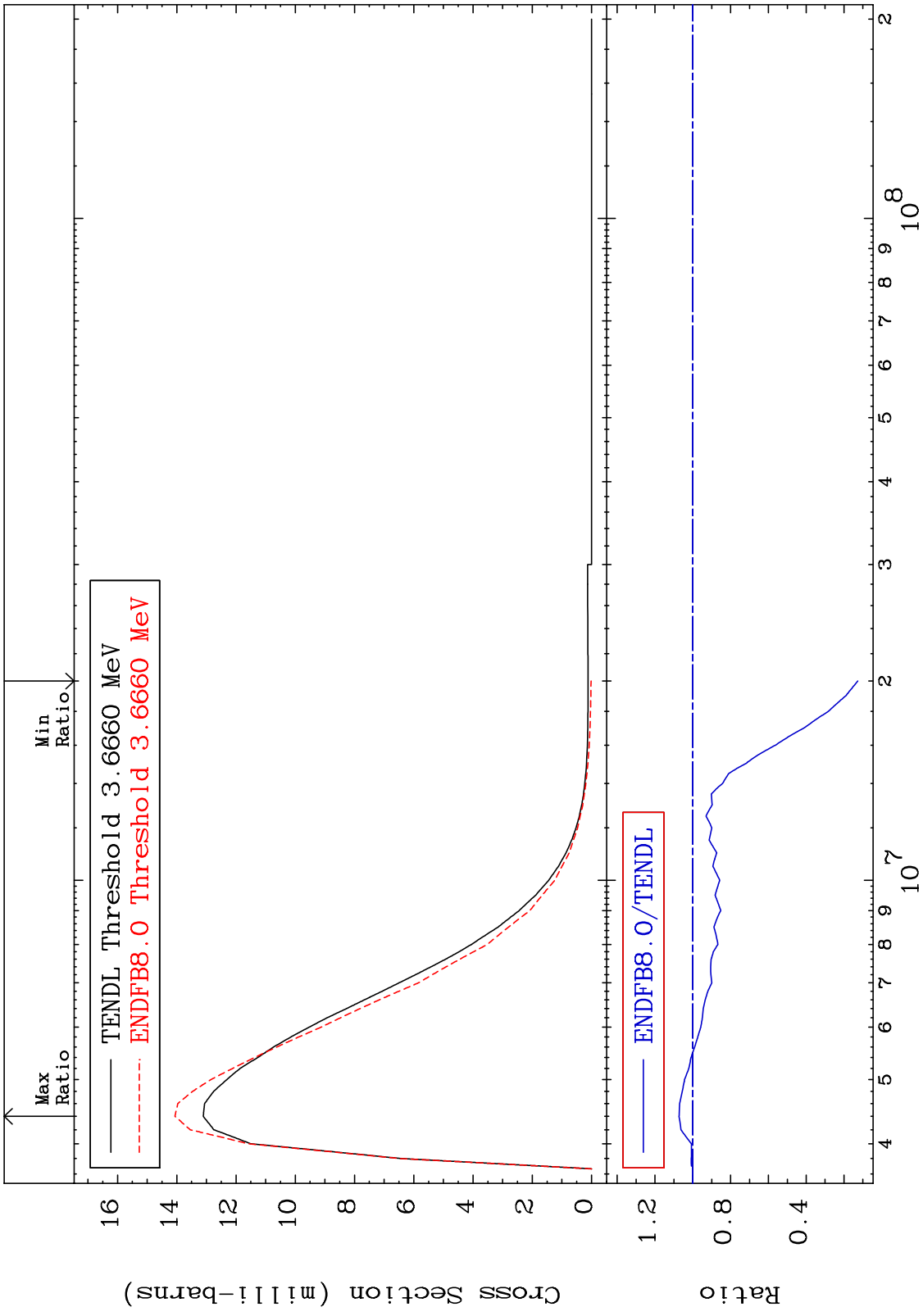
MAT 1728 MT= 67 (n,n') Level Cross Section -16.60 To 292.0 % 17-Cl-36



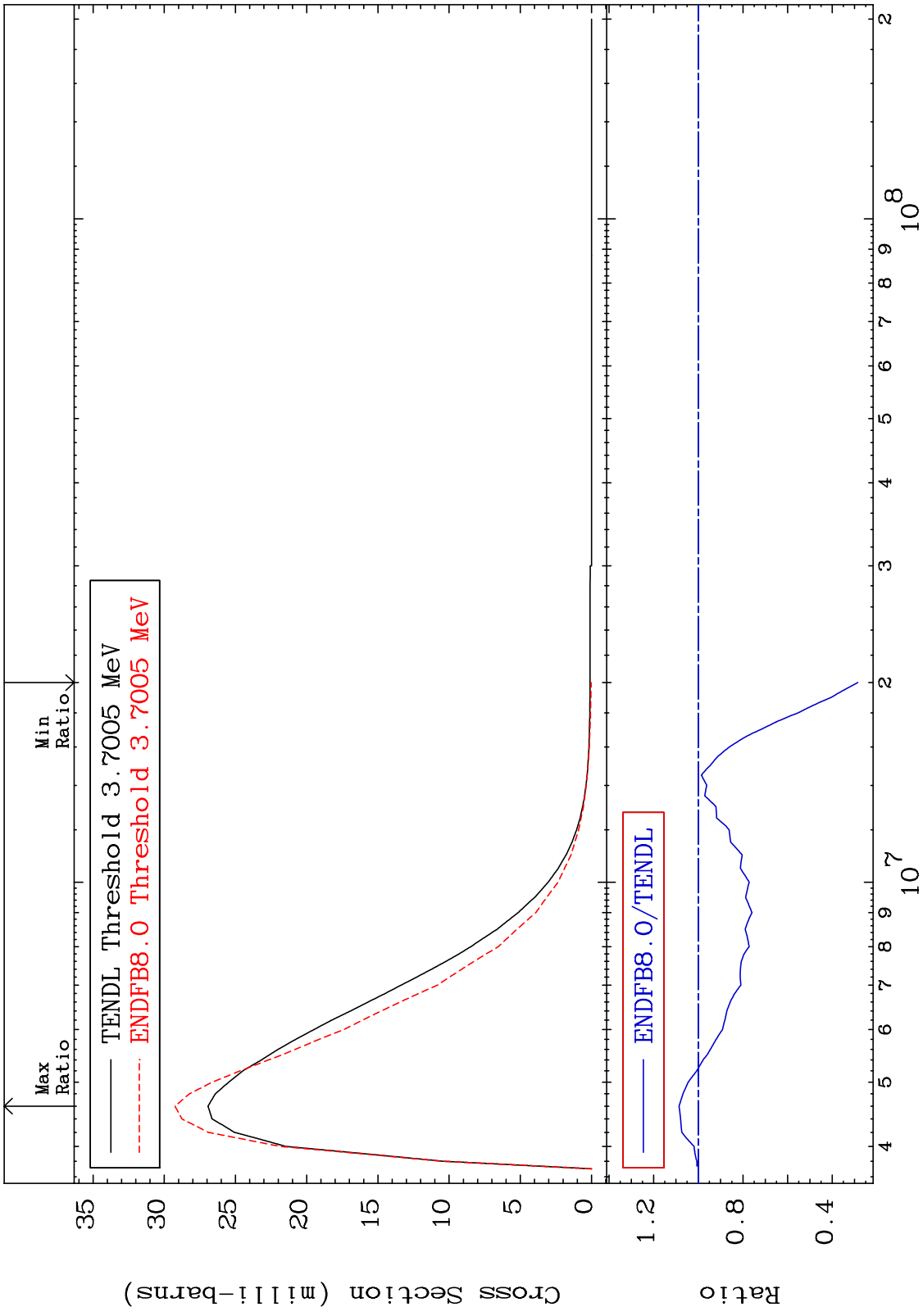
MAT 1728 MT= 68 (n,n') Level Cross Section -85.21 To 6.787 % 17-Cl-36



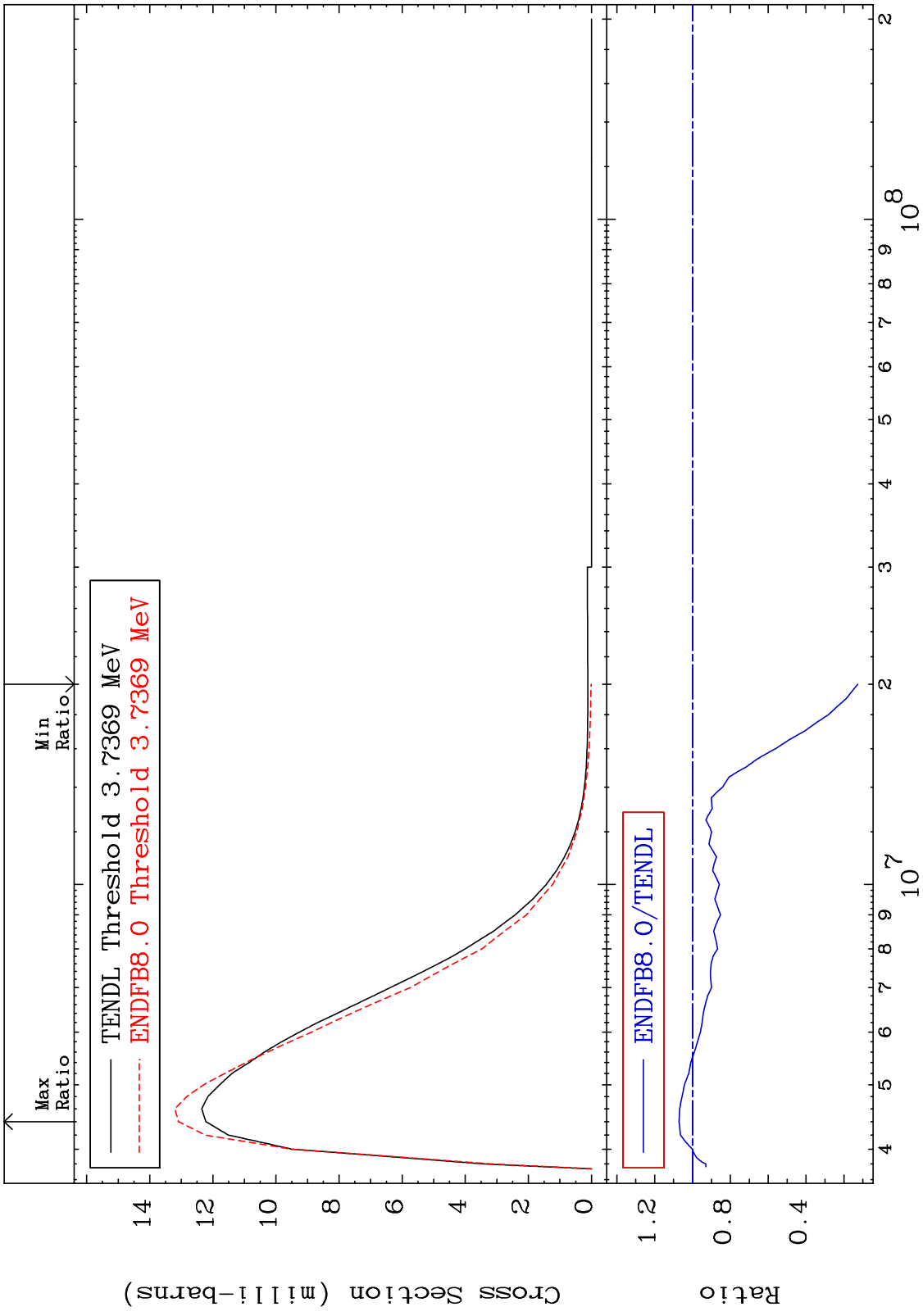
MAT 1728 MT= 69 (n,n') Level Cross Section -87.32 To 7.287 % 17-Cl-36



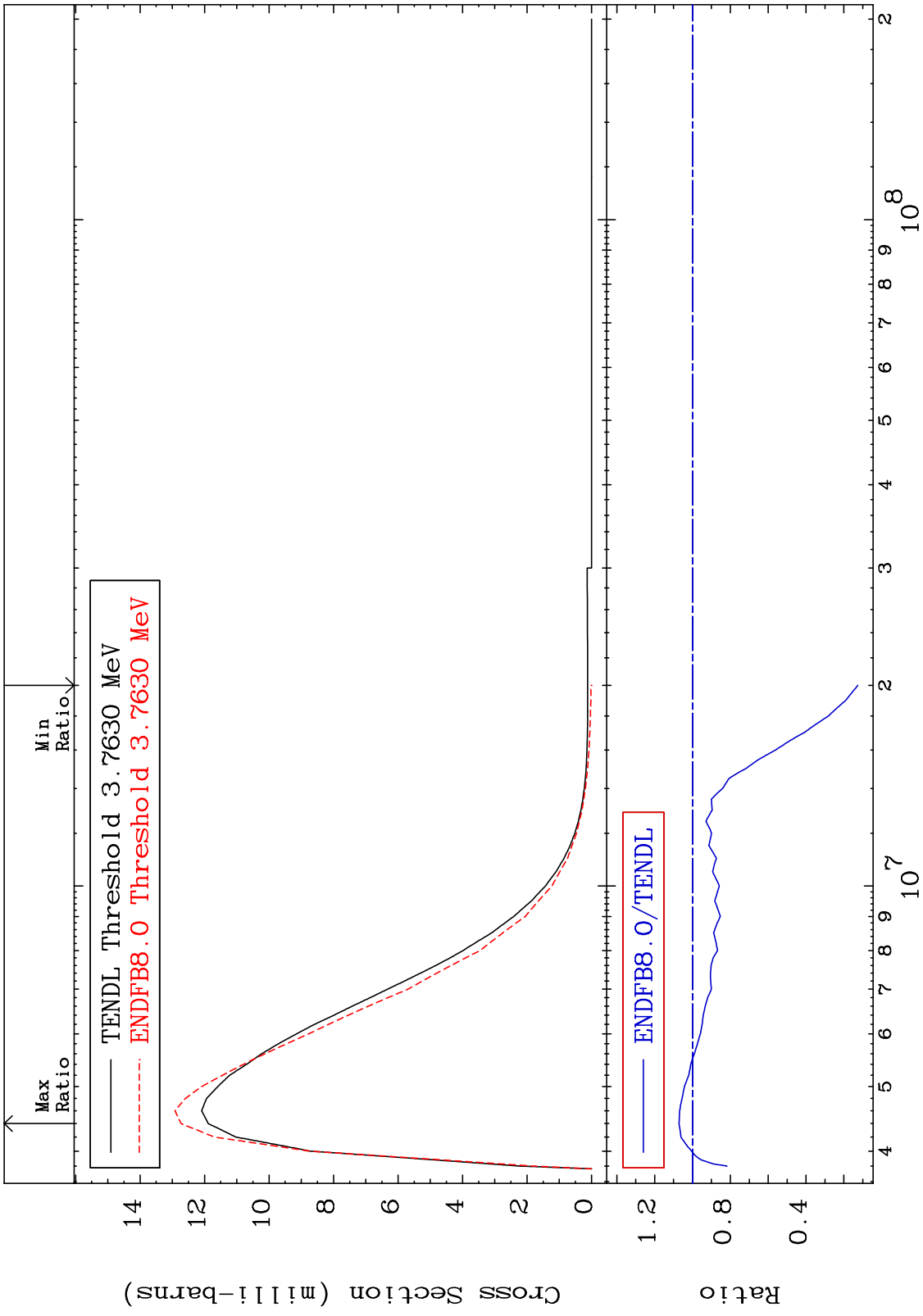
MAT 1728 MT= 70 (n,n') Level Cross Section 17-Cl-36
 -71.45 To 8.618 %



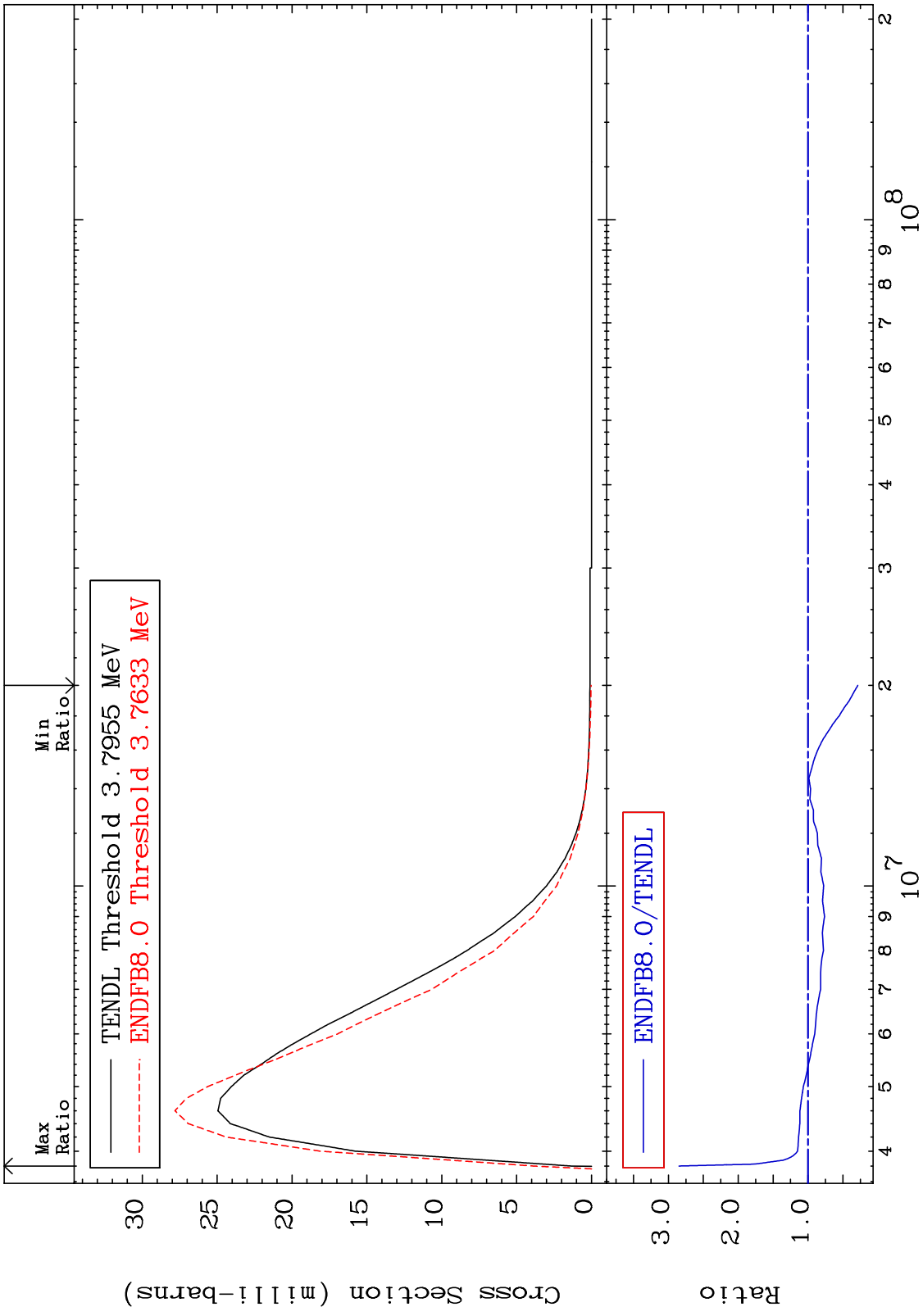
MAT 1728 MT= 71 (n,n') Level Cross Section 17-Cl-36
 -87.35 To 7.133 %



MAT 1728 MT= 72 (n,n') Level Cross Section -87.36 To 7.110 % 17-Cl-36



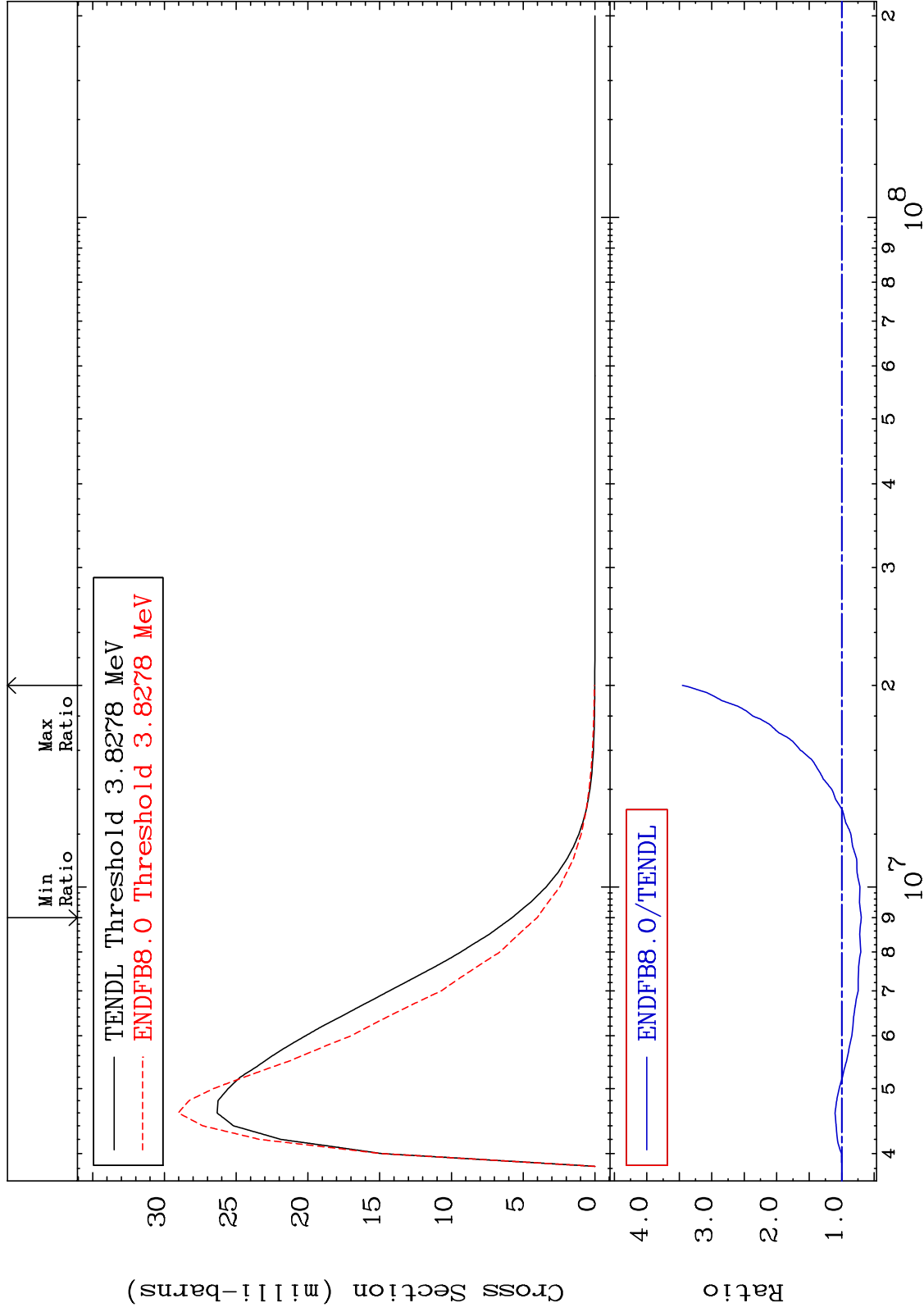
MAT 1728 MT= 73 (n,n') Level Cross Section 17-Cl-36
 -71.46 To 184.8 %



MAT 1728

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

17-Cl-36
-30.17 To 245.1 %



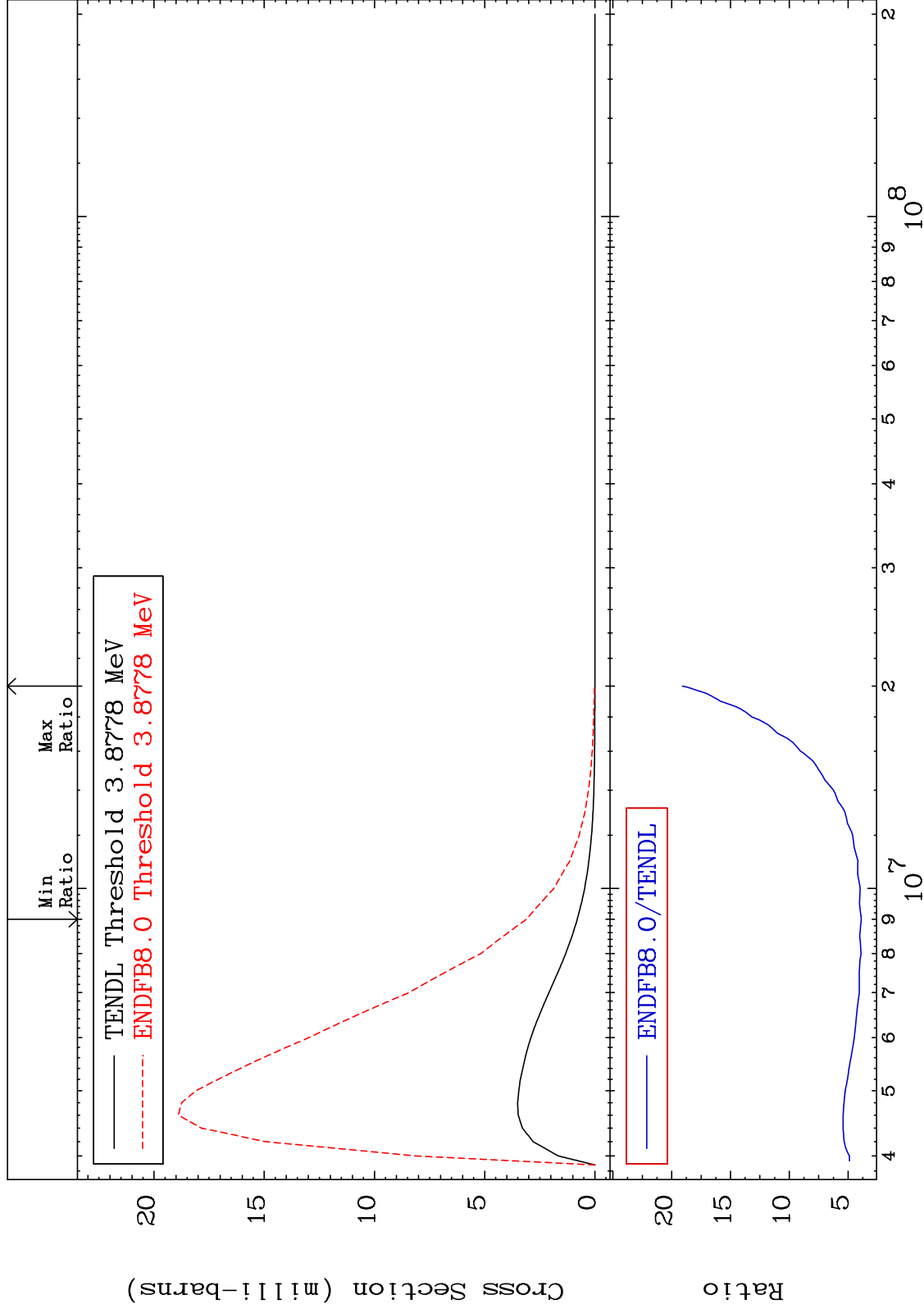
28

17-Cl-36

MAT 1728

MT= 75 (n,n') Level
Cross Section

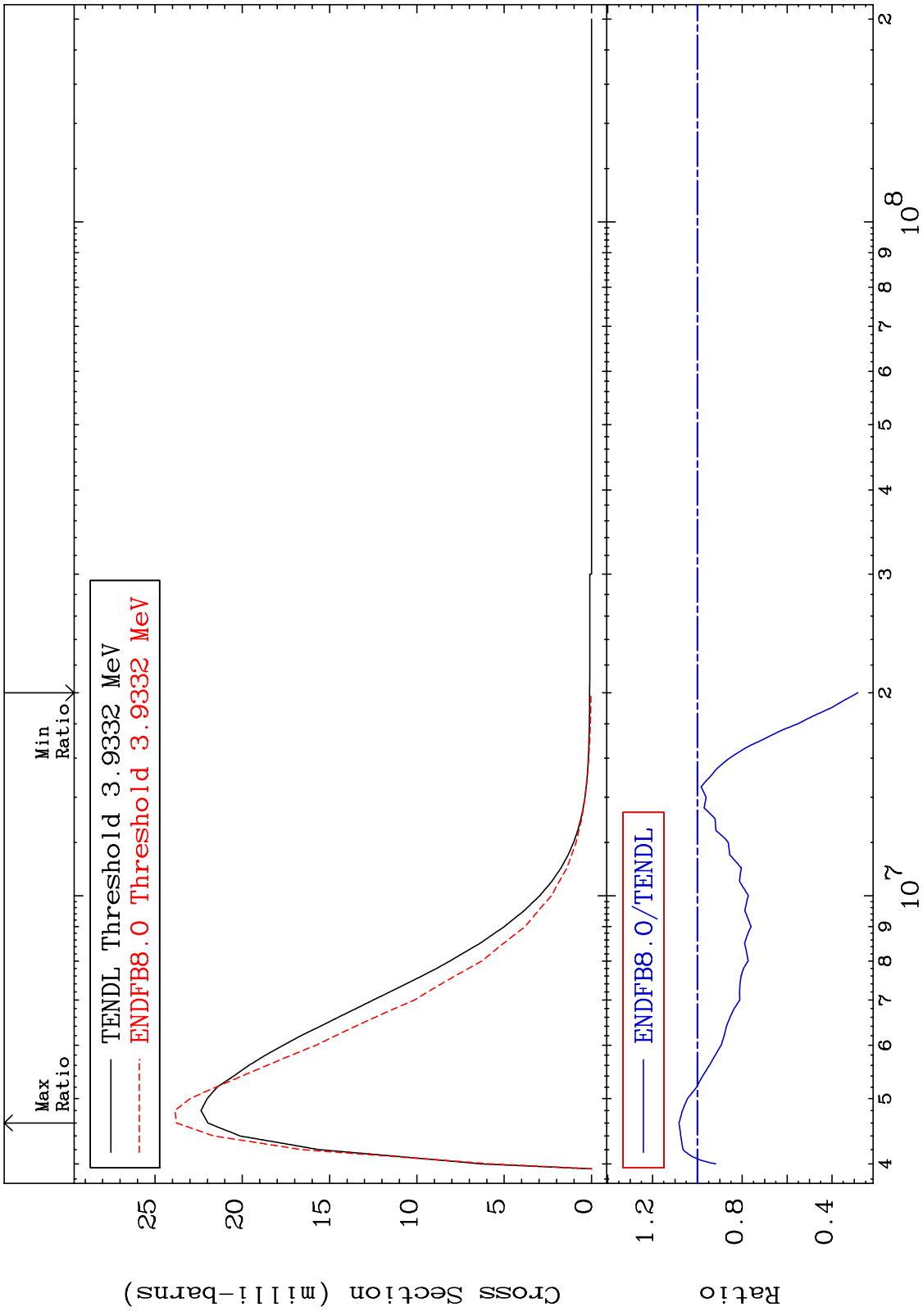
17-Cl-36
287.7 To 1809. %



29

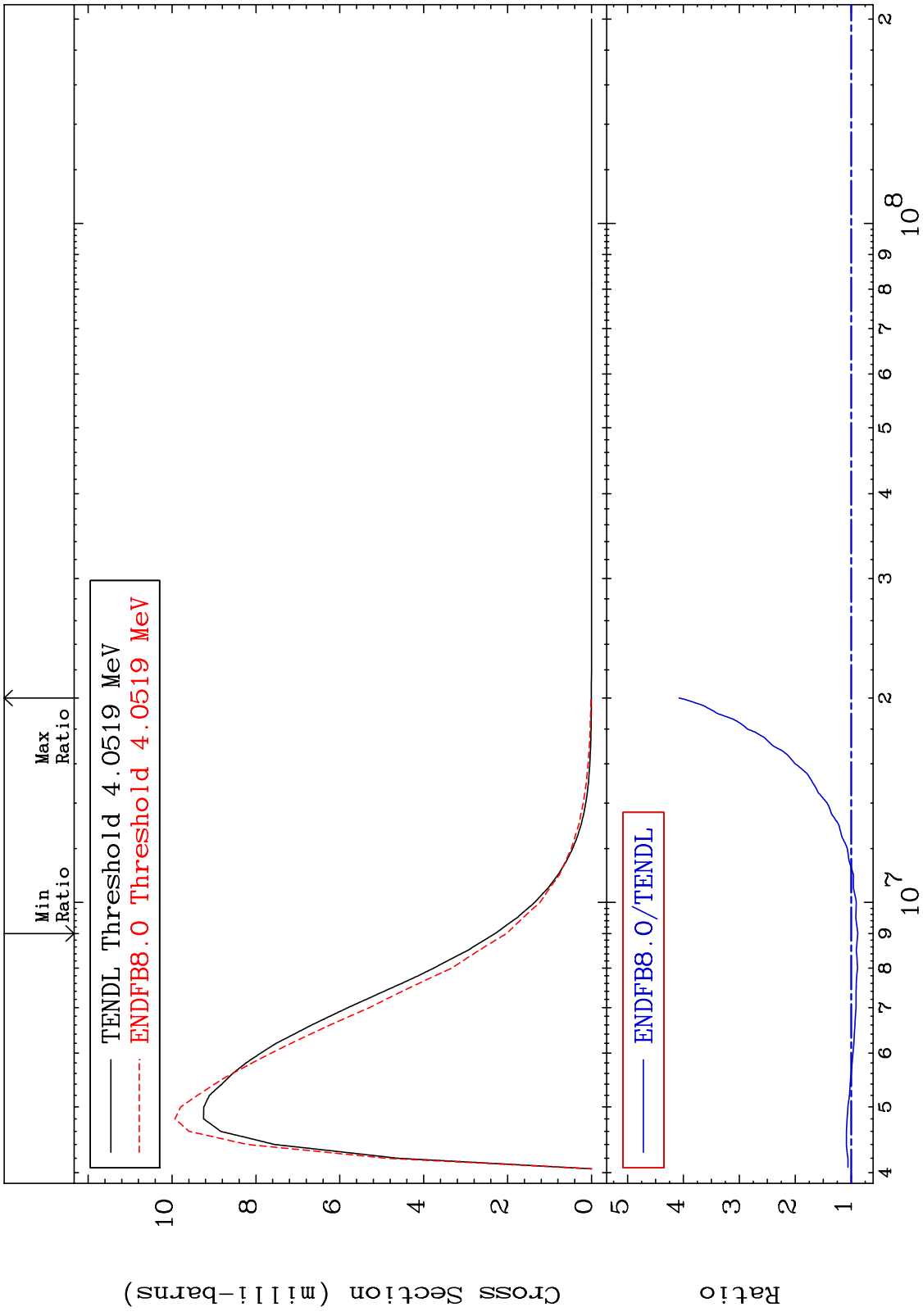
17-Cl-36

MAT 1728 MT= 76 (n,n') Level Cross Section -71.56 To 8.181 % 17-Cl-36

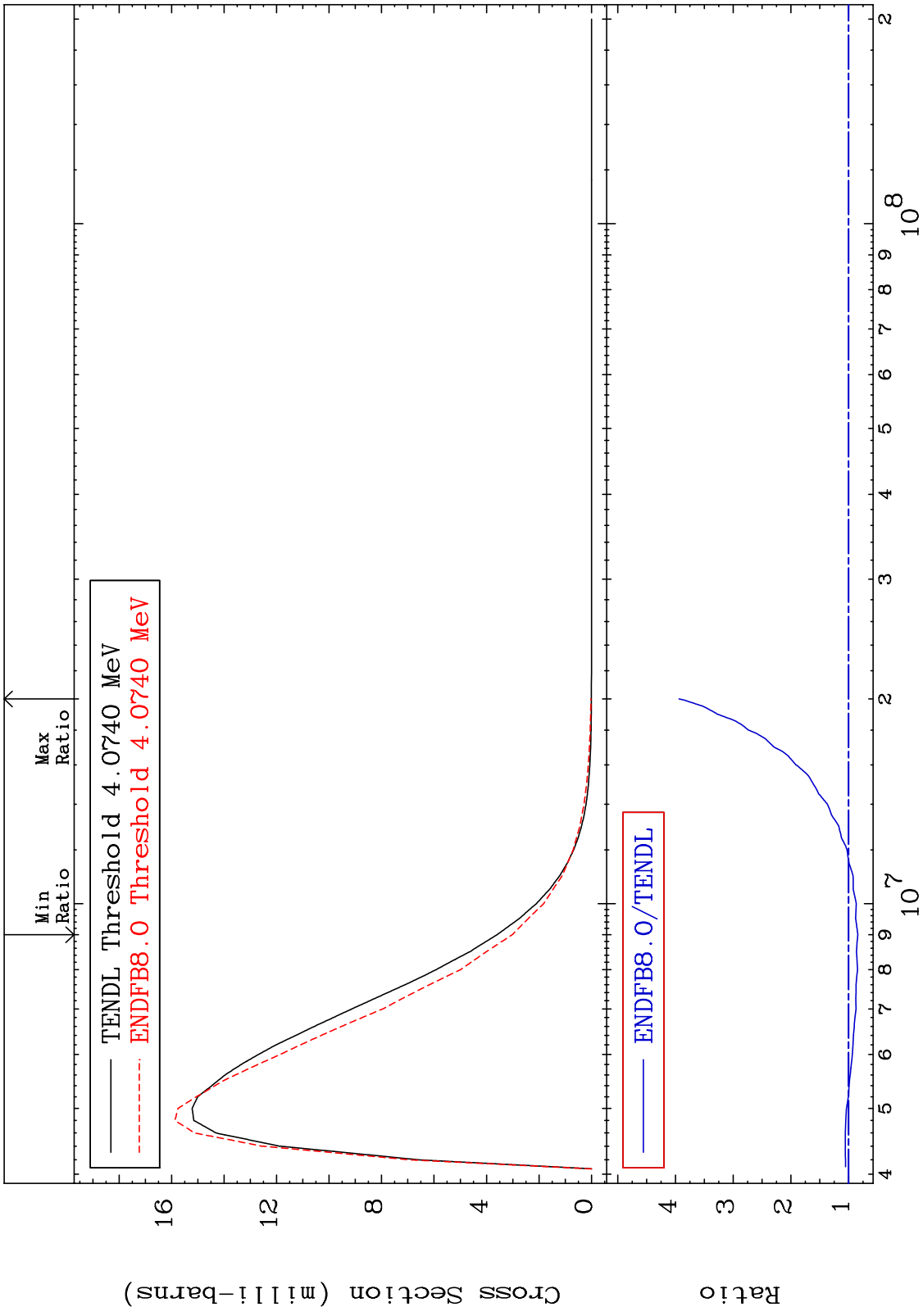


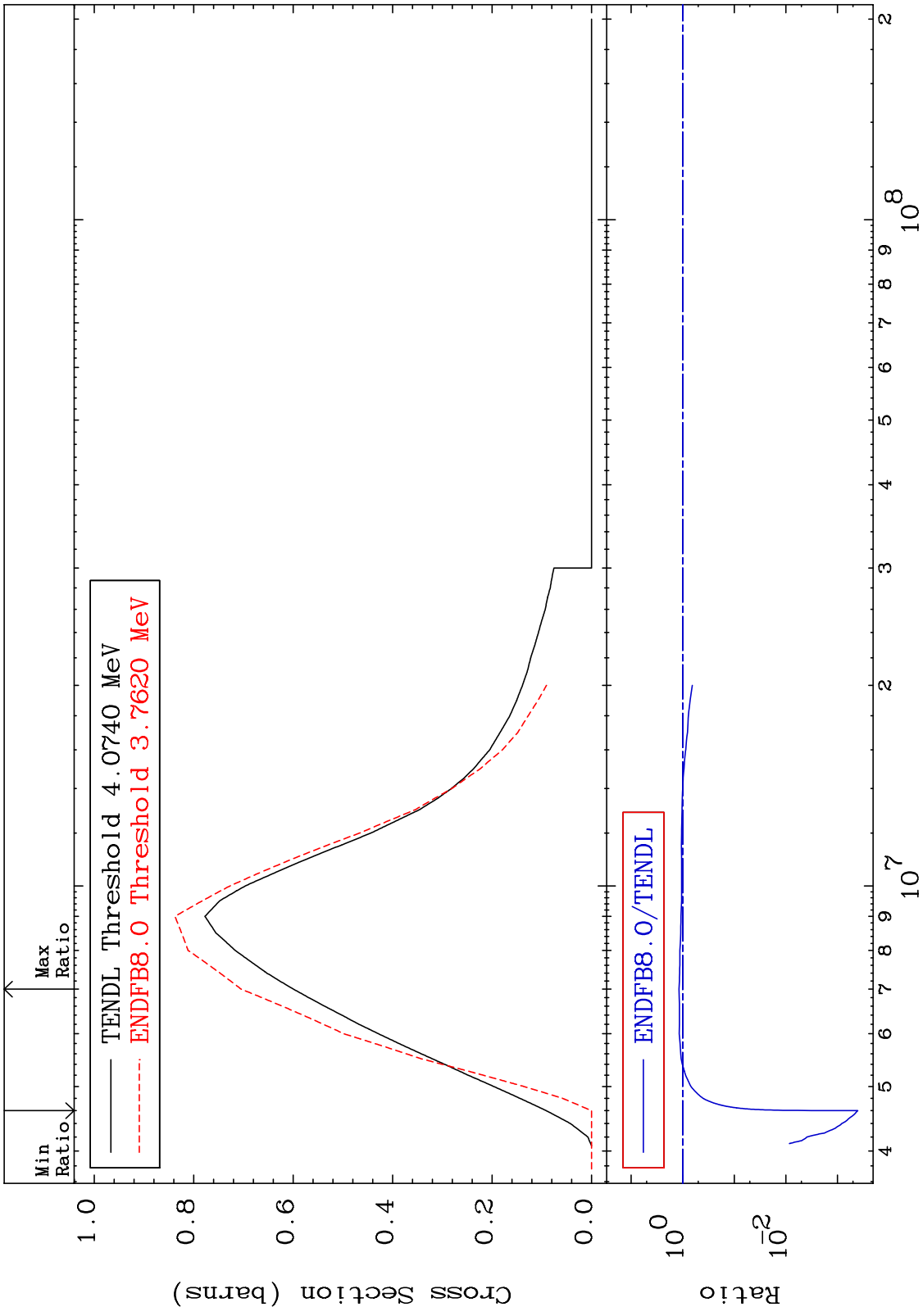
30 17-Cl-36

MAT 1728 MT= 77 (n,n') Level Cross Section 17-Cl-36
 -11.86 To 307.9 %



MAT 1728 MT= 78 (n,n') Level Cross Section -16.11 To 293.8 % 17-Cl-36





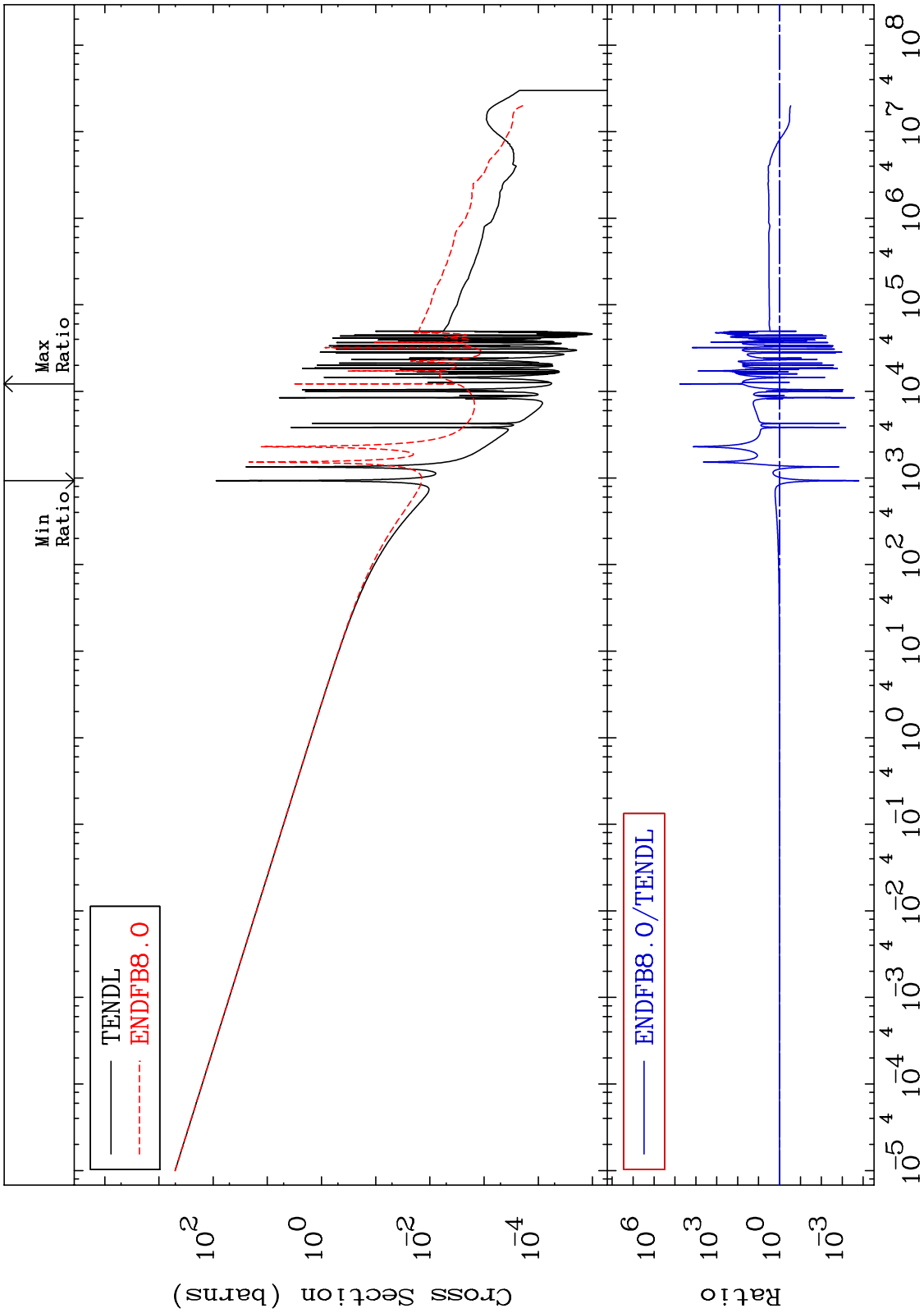
MAT 1728

(n, γ)

17-Cl-36

Cross Section

-99.98 To 9999. %



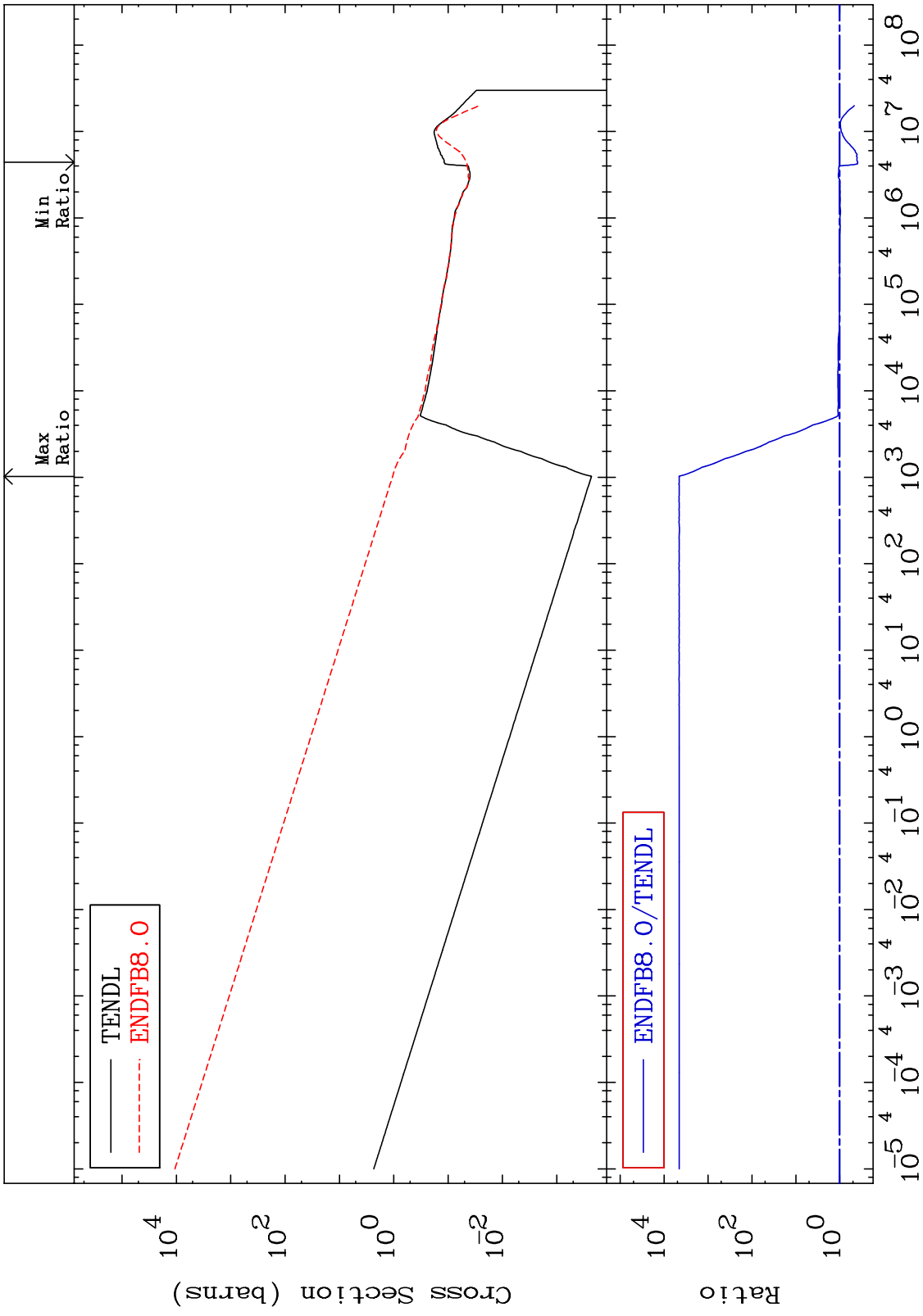
MAT 1728

(n,p)

17-Cl-36

-61.36 To 9999. %

Cross Section



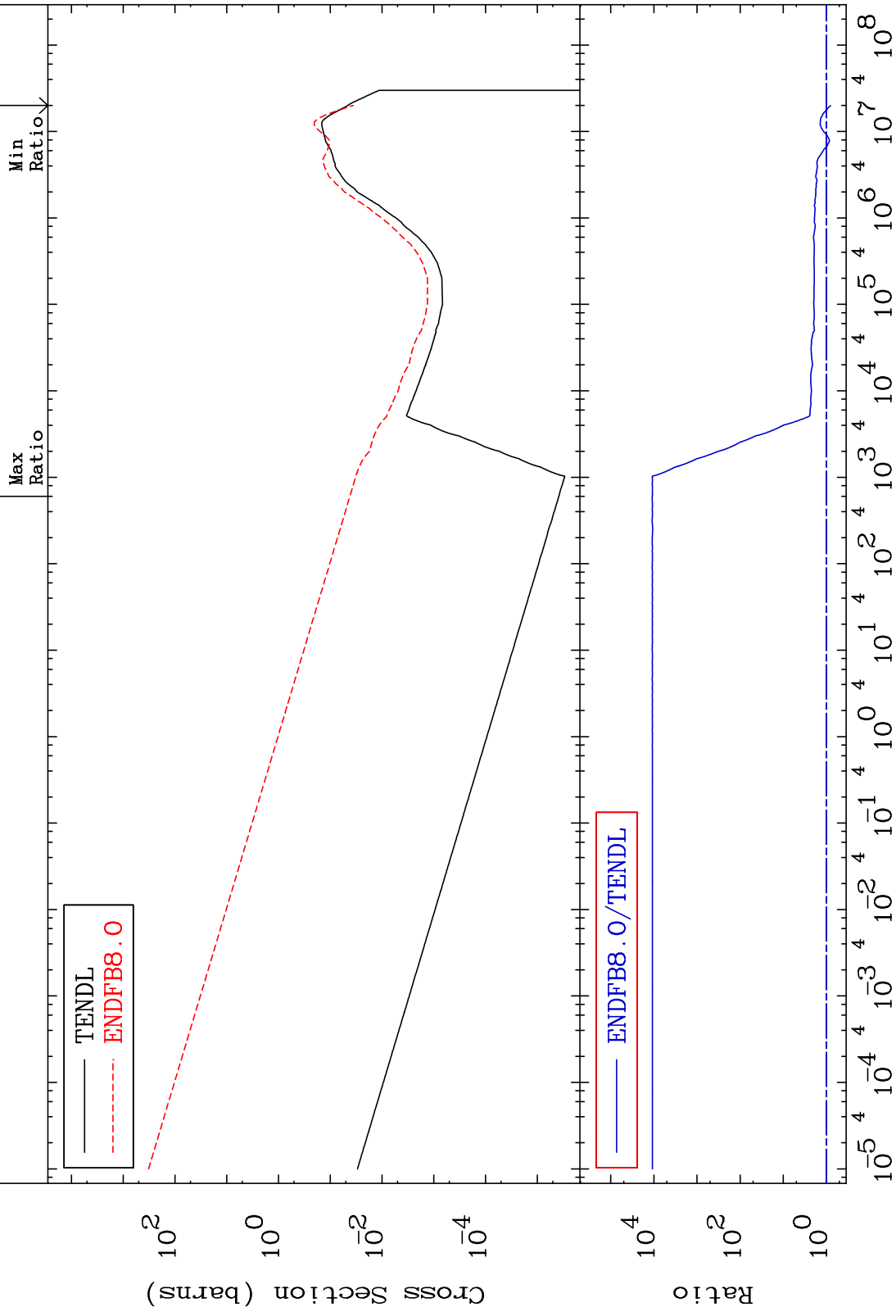
MAT 1728

(n, α)

17-Cl-36

-21.41 To 9999. %

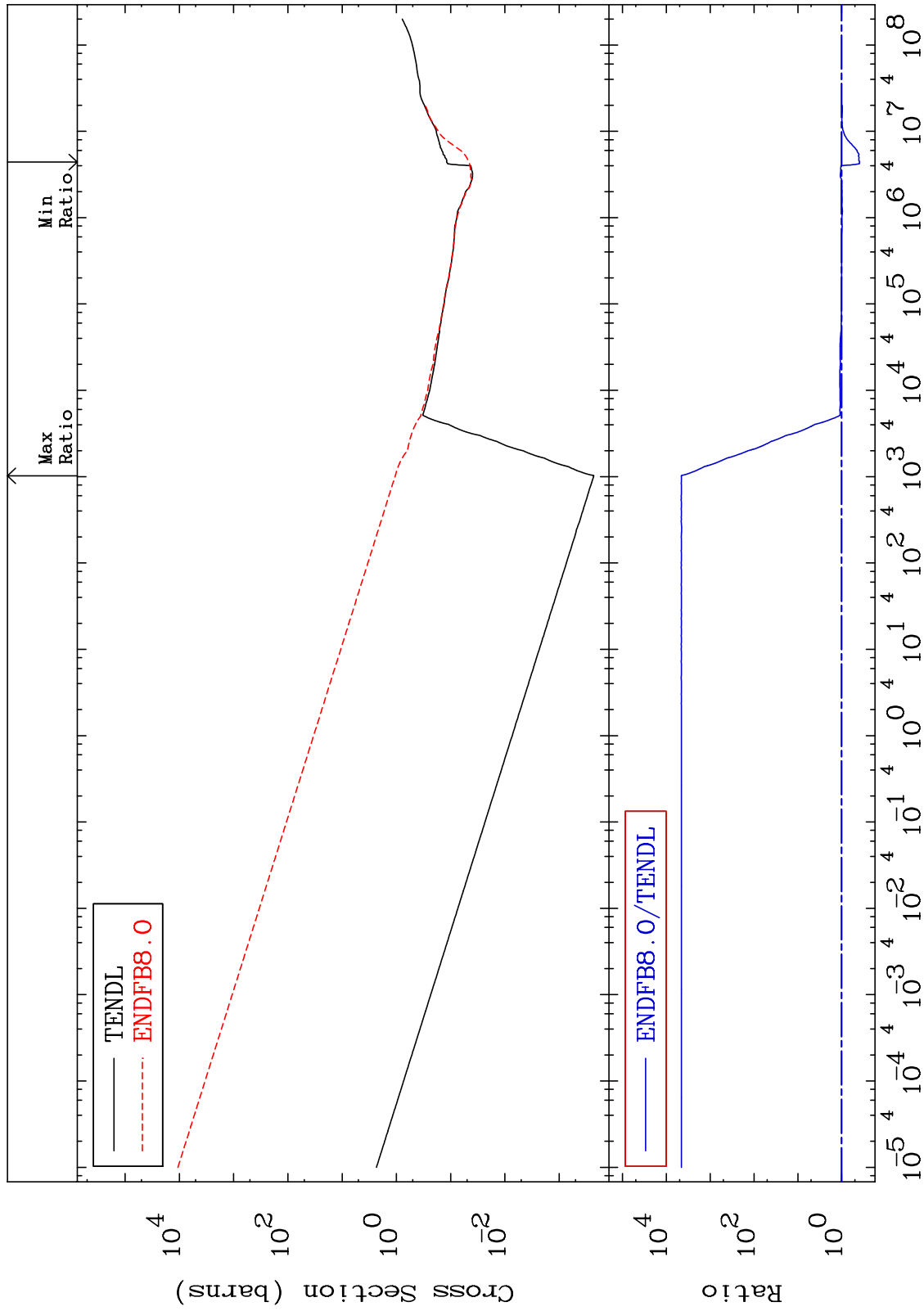
Cross Section



MAT 1728

Hydrogen Production
Cross Section

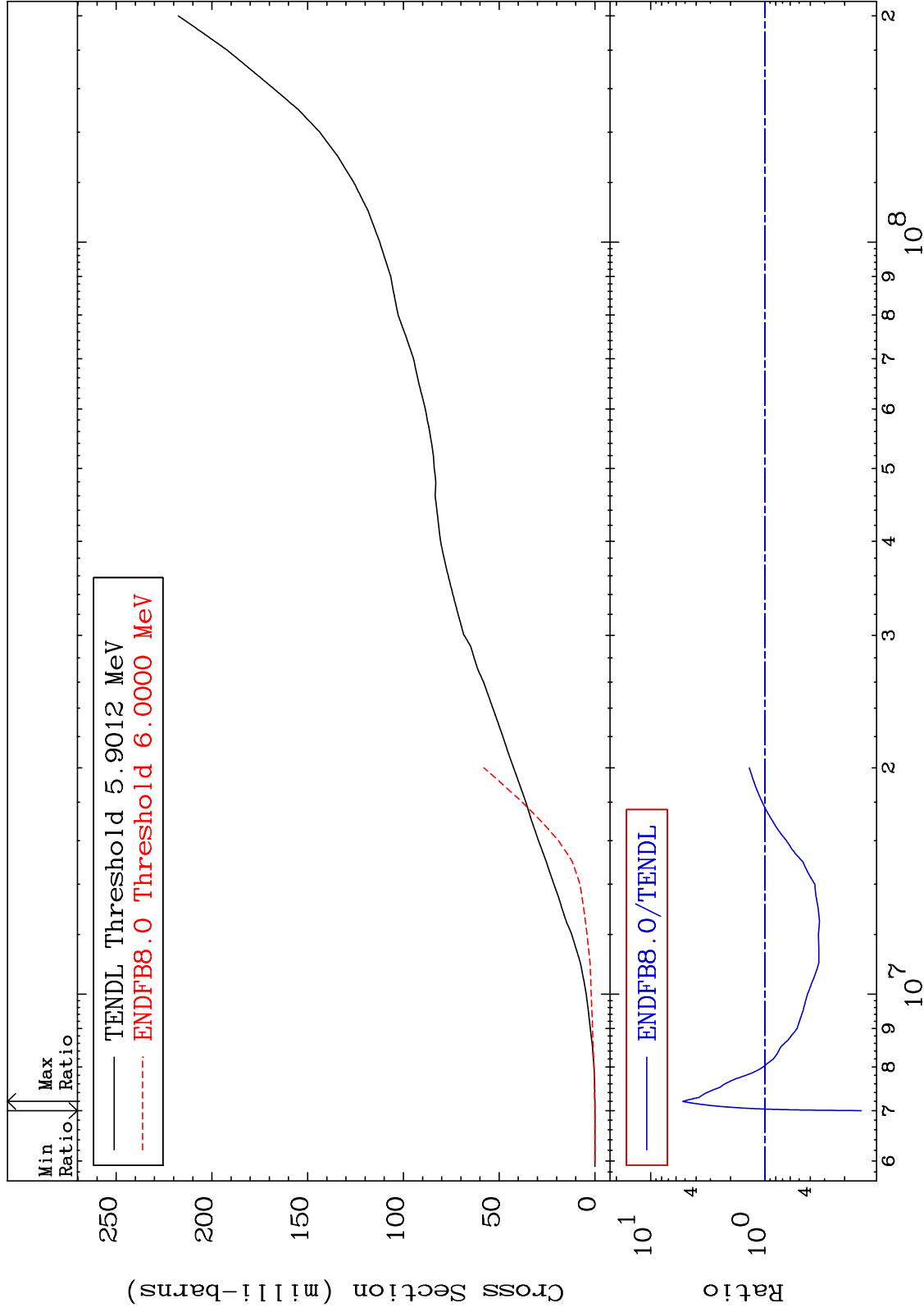
17-Cl-36
-61.36 To 9999. %



MAT 1728

Deuterium Production
Cross Section

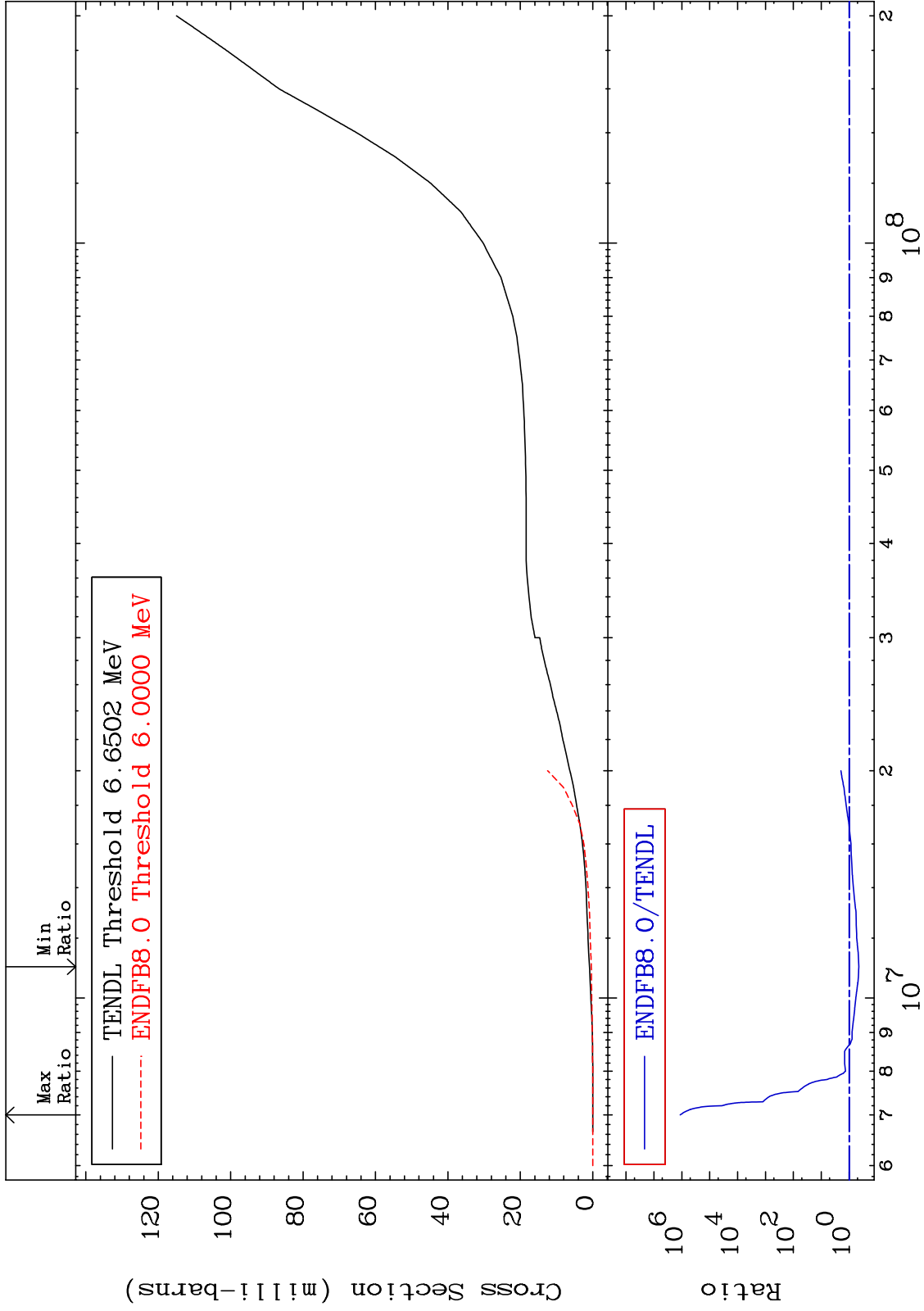
17-Cl-36
-85.72 To 426.4 %



MAT 1728

Tritium Production
Cross Section

17-Cl-36
-55.31 To 9999. %



39

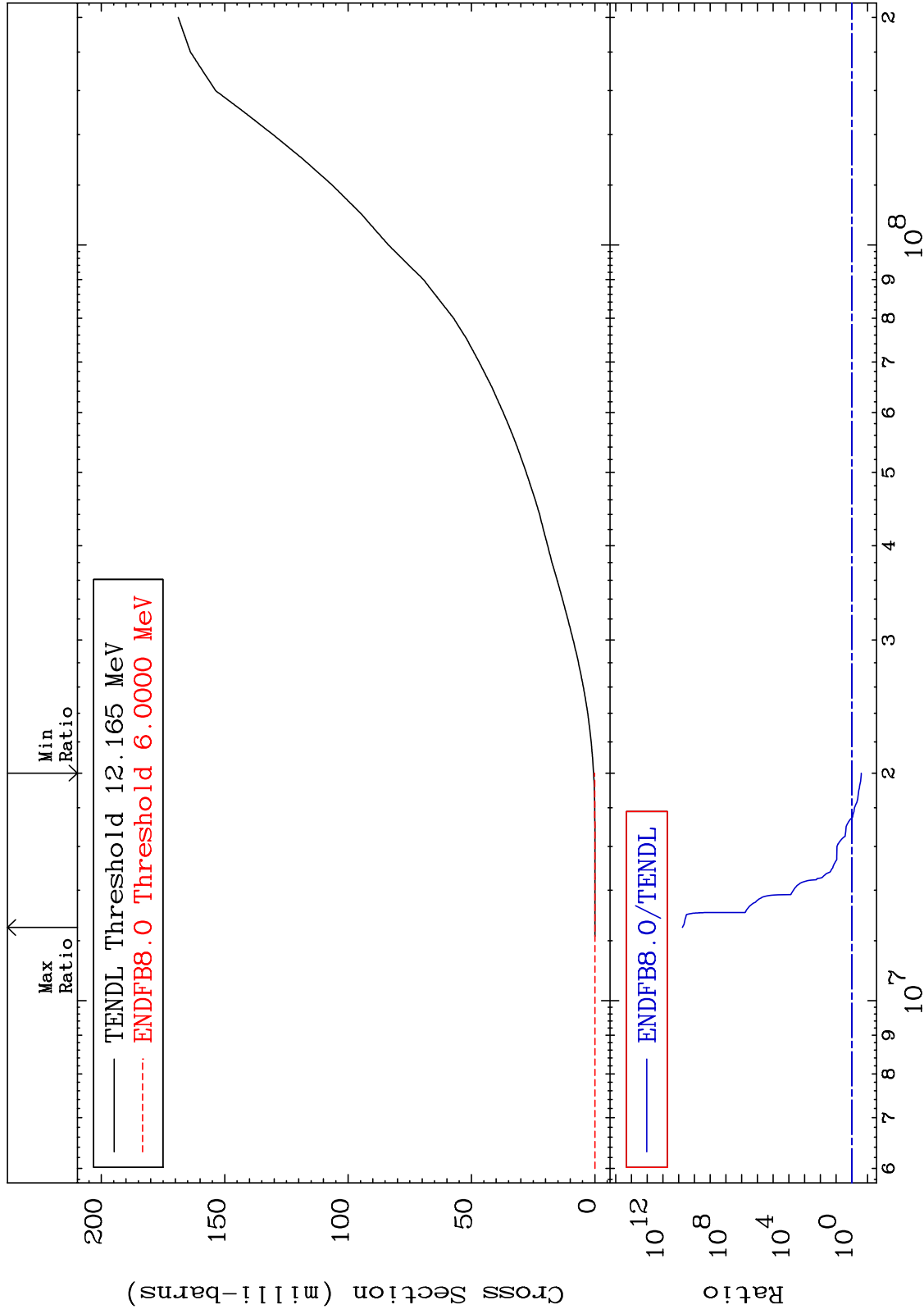
Incident Energy (eV)

17-Cl-36

MAT 1728

He-3 Production
Cross Section

17-Cl-36
-75.23 To 9999. %



40

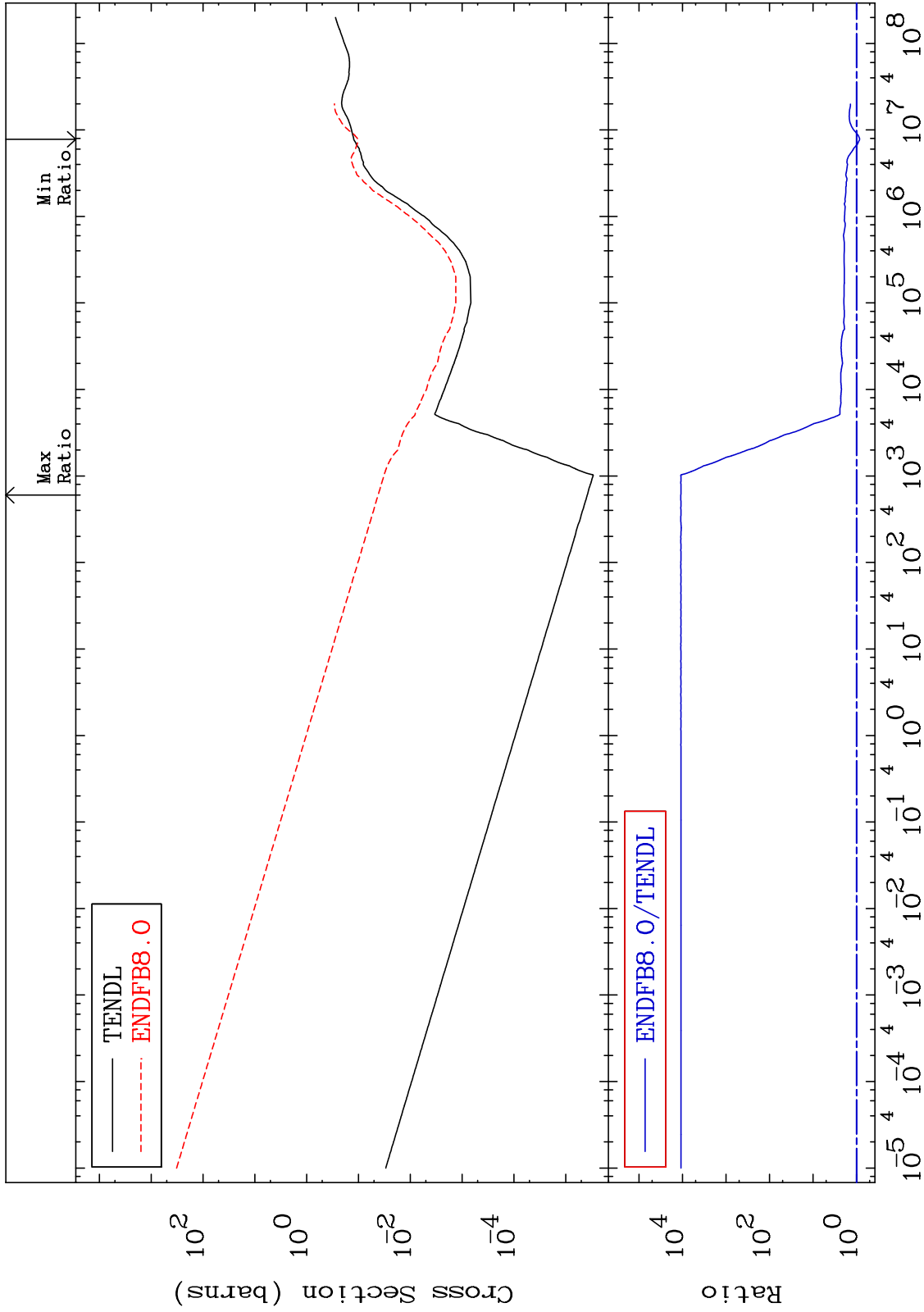
Incident Energy (eV)

17-Cl-36

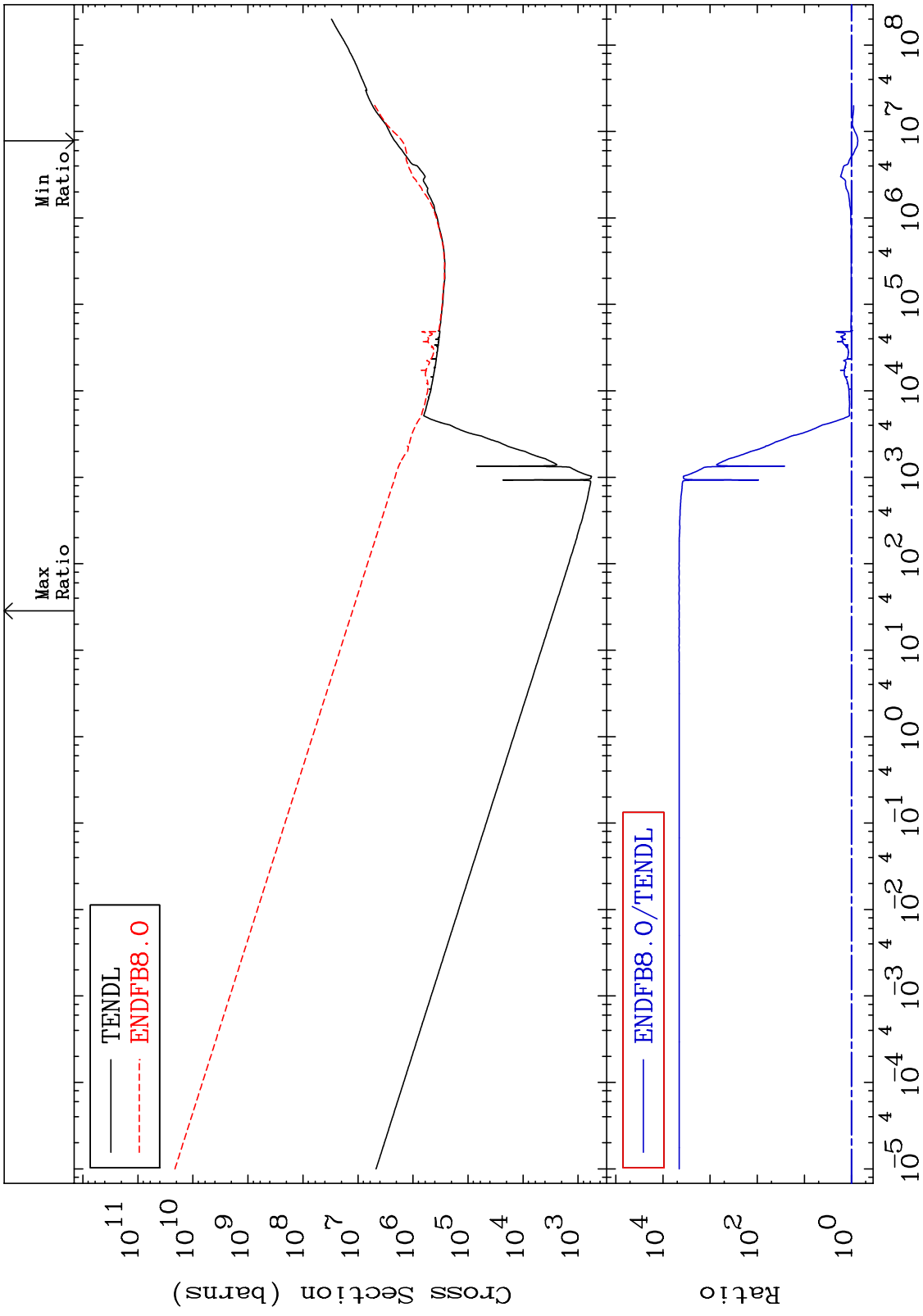
MAT 1728

He-4 Production
Cross Section

17-Cl-36
-15.23 To 9999. %



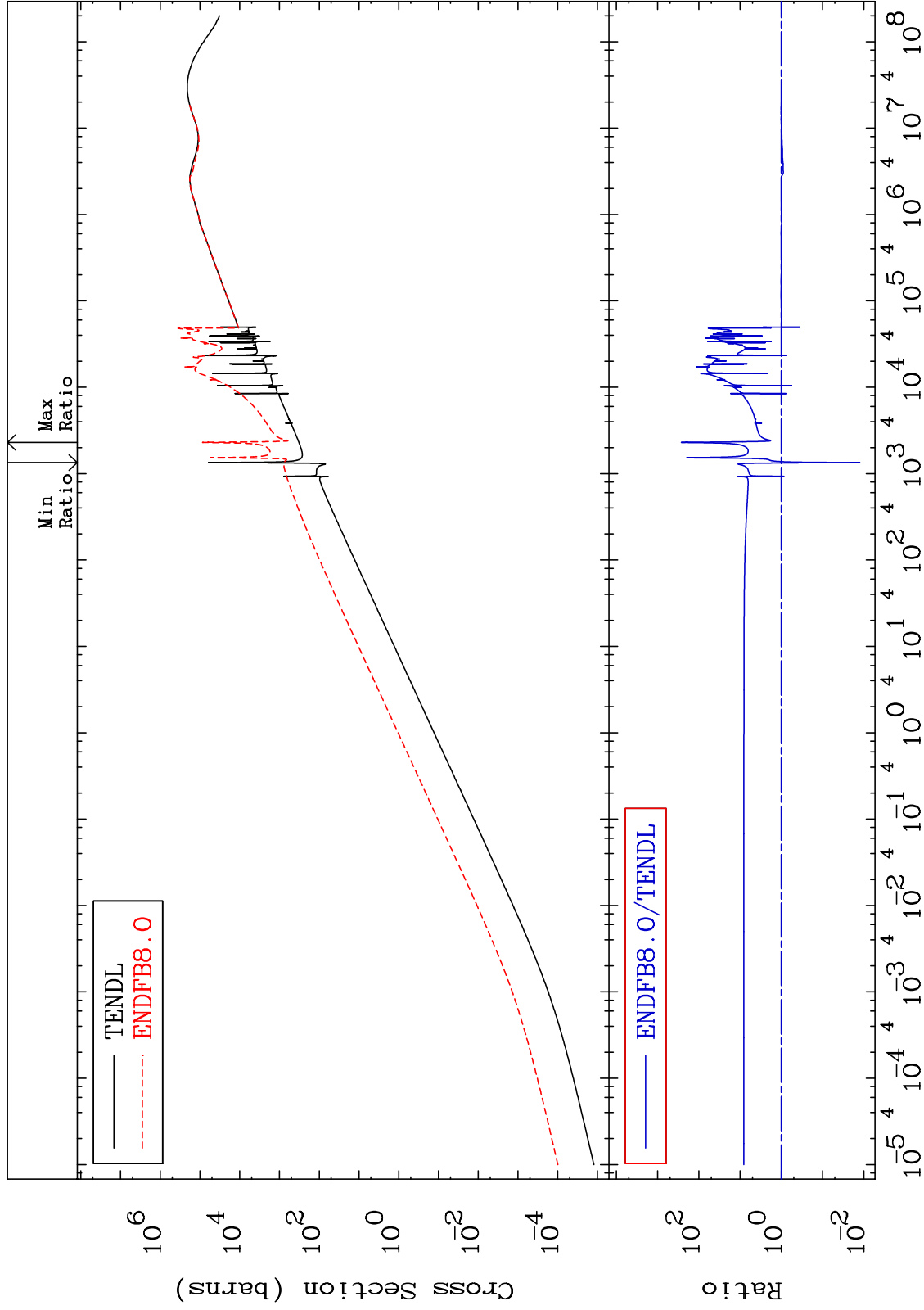
MAT 1728 Kerma total (eV-barns) Cross Section 17-Cl-36
 -26.49 To 9999. %



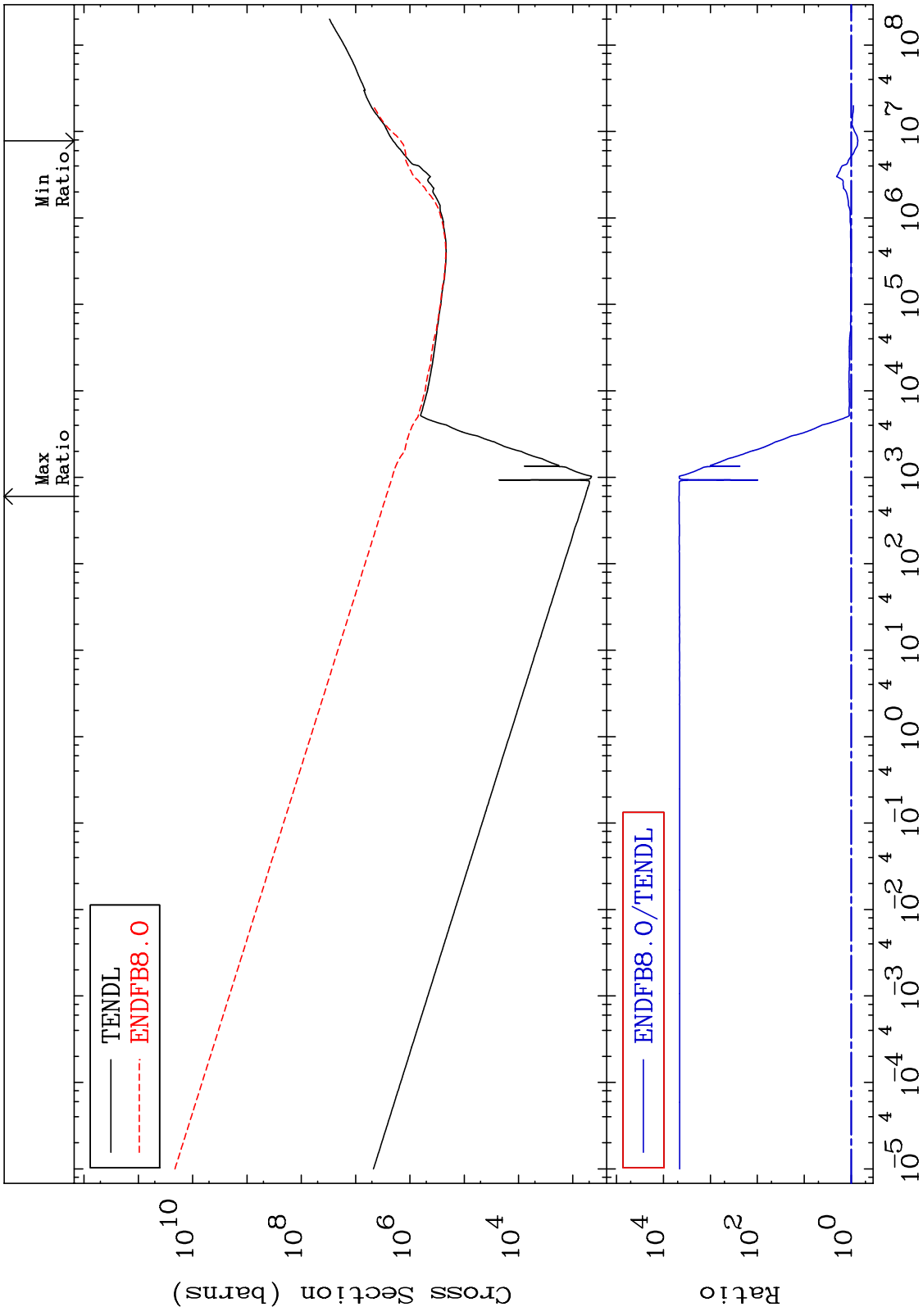
MAT 1728

Kerma elastic
Cross Section

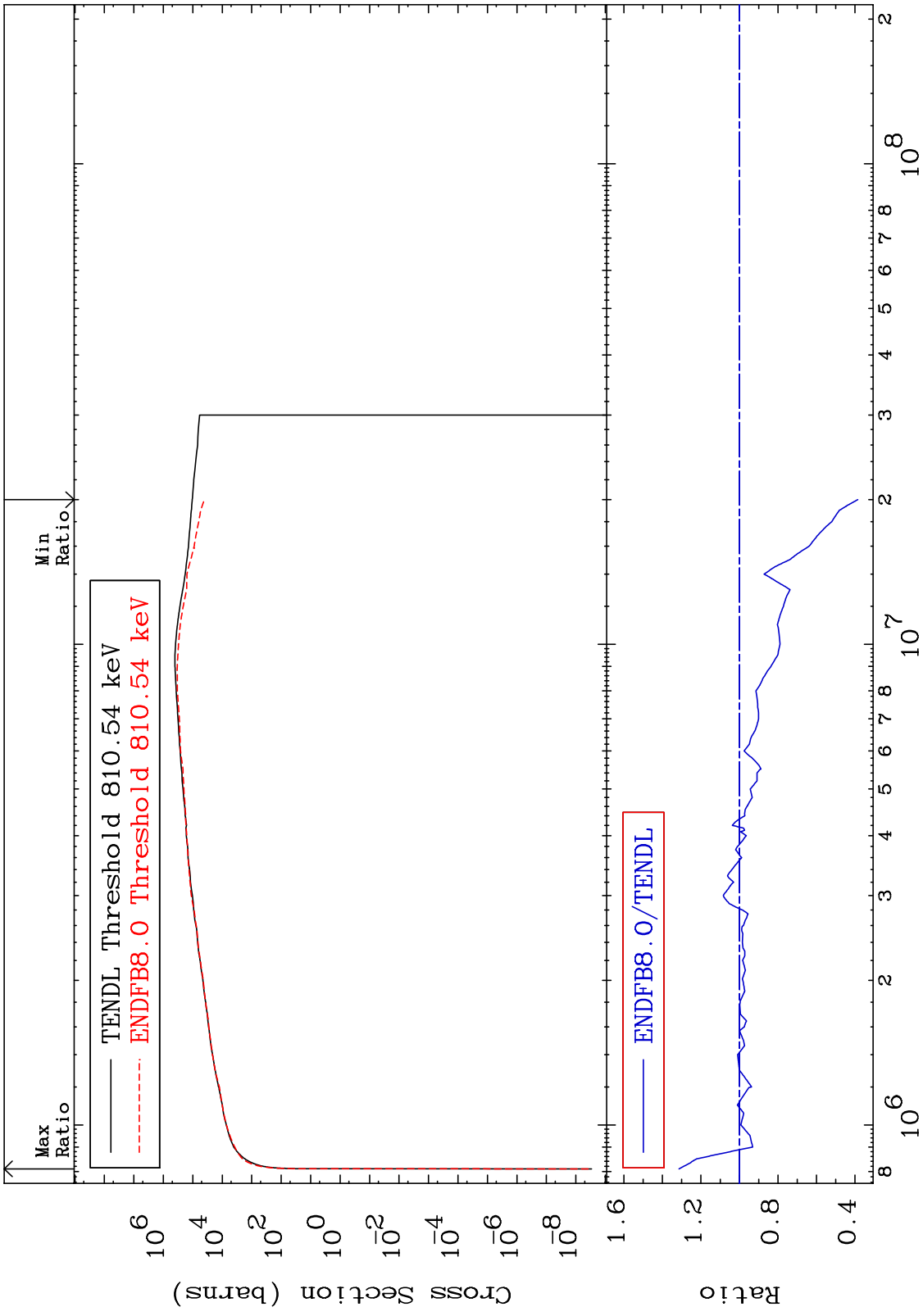
17-Cl-36
-98.75 To 9999. %



MAT 1728 Kerma non-elastic (all but mt2) 17-Cl-36
 Cross Section -27.76 To 9999. %



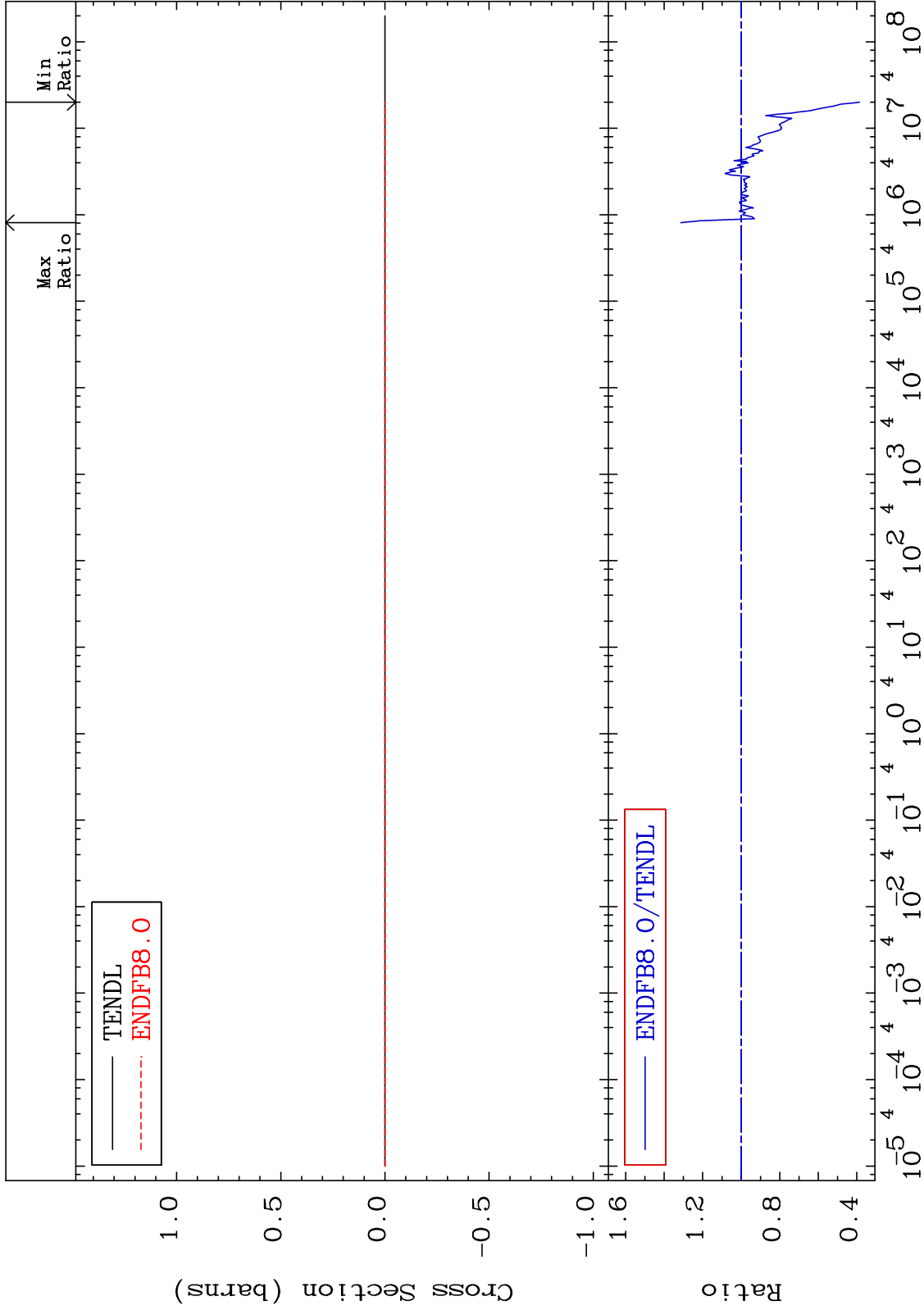
MAT 1728 Kerma inelastic (mt51-91) 17-Cl-36
 Cross Section -61.49 To 31.37 %



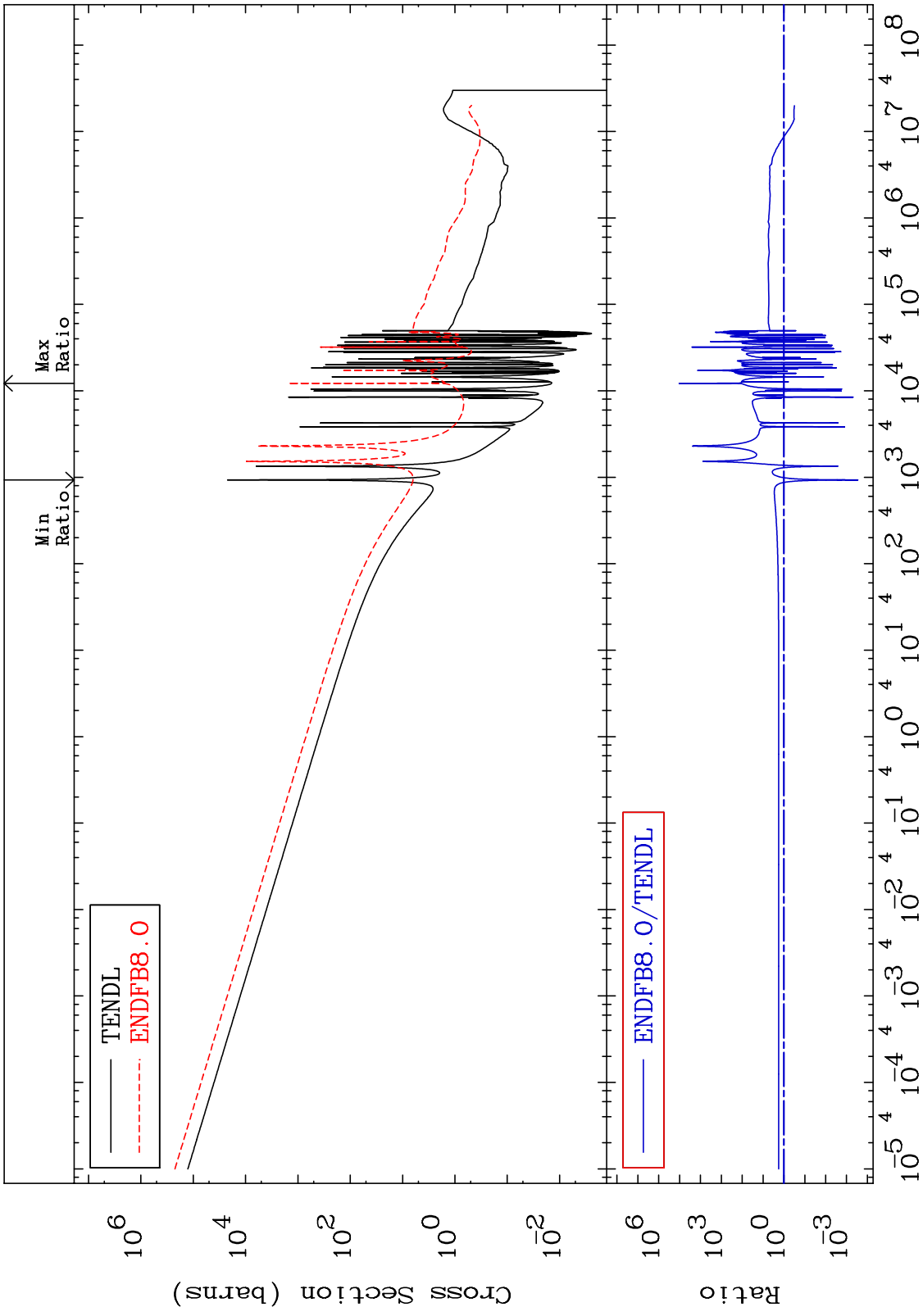
MAT 1728

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

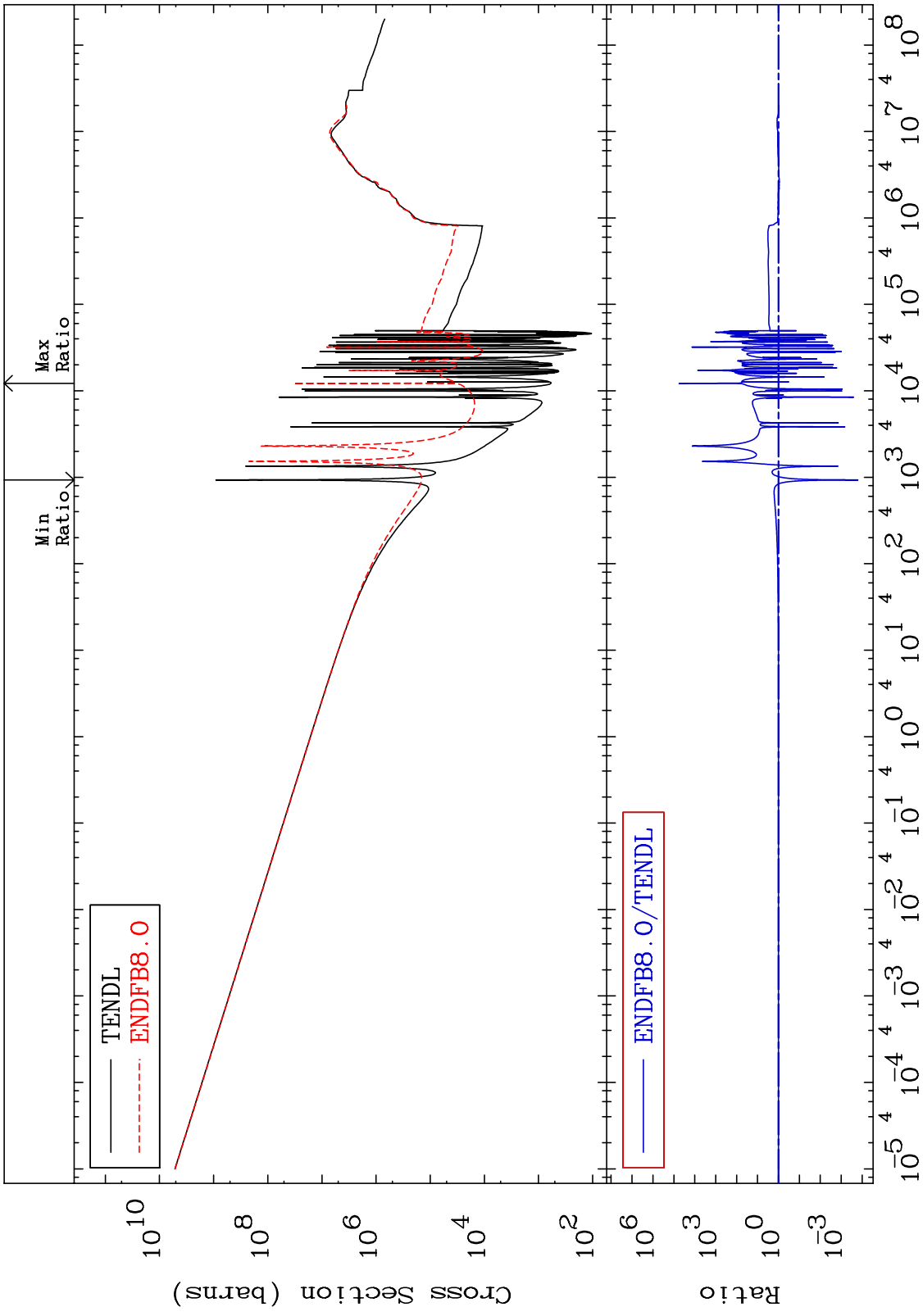
17-CI-36
-61.49 To 31.37 %



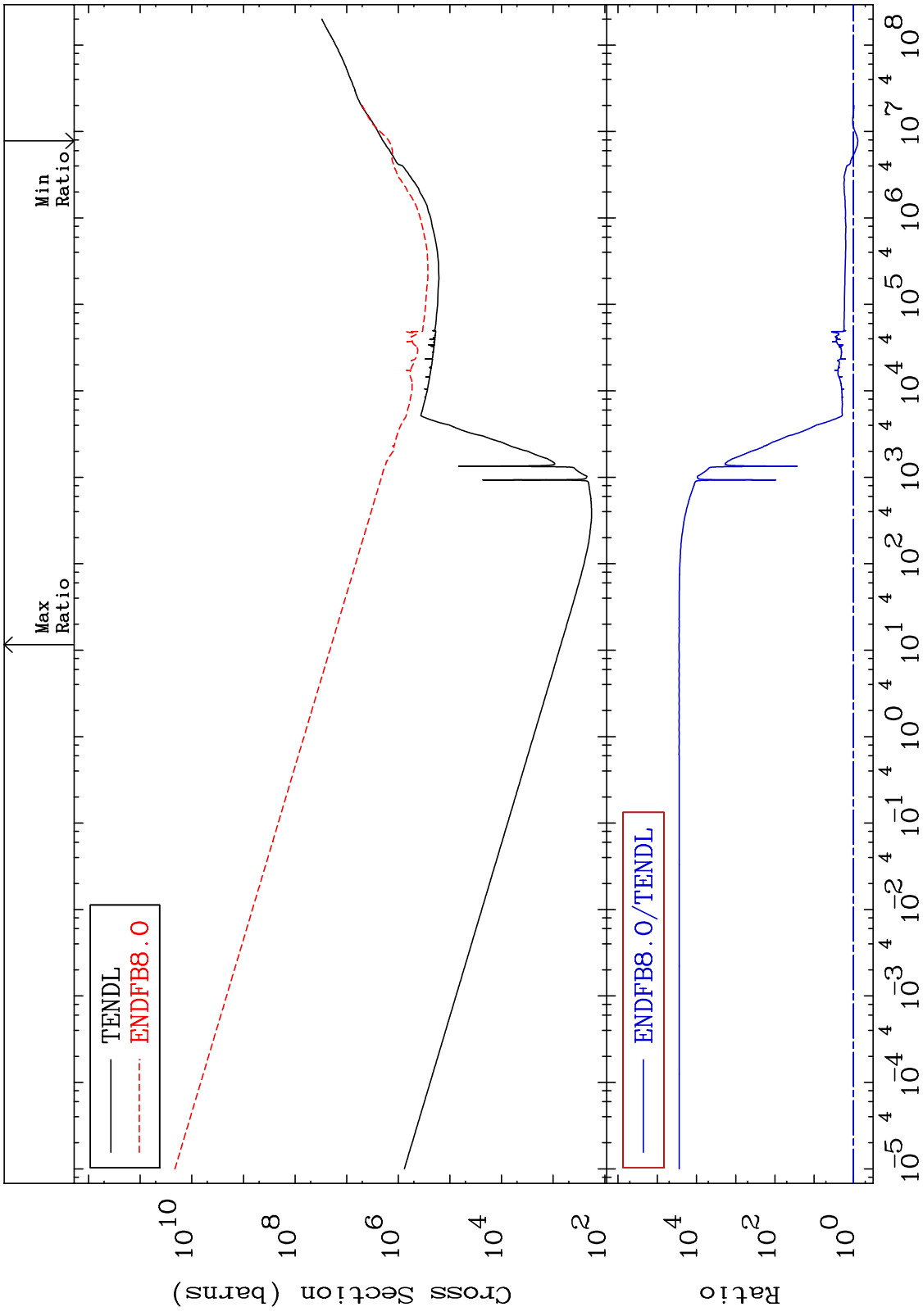
MAT 1728 Kerma capture (mt102) 17-Cl-36
 Cross Section -99.97 To 9999. %



MAT 1728 17-Cl-36 -99.98 To 9999. %



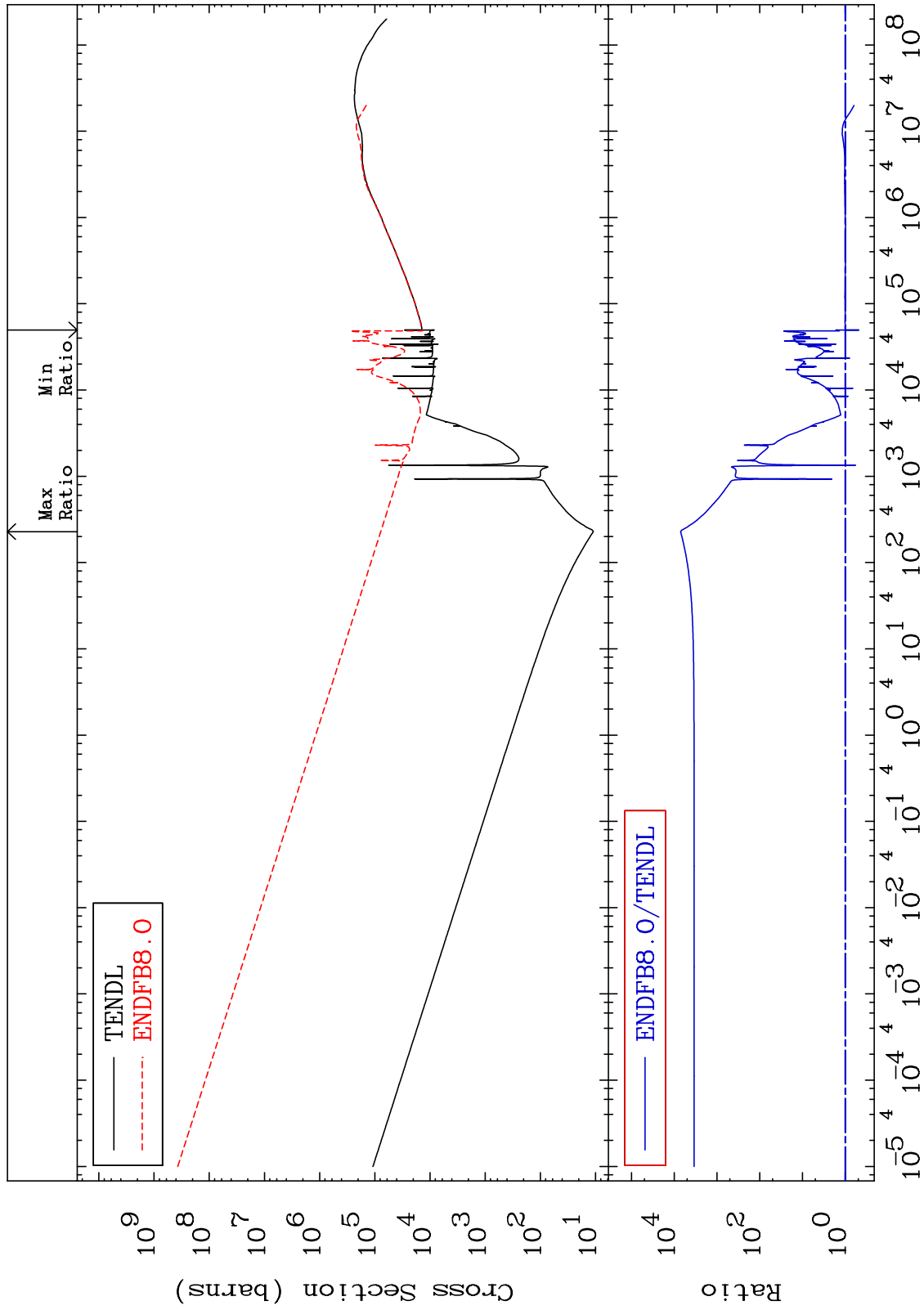
MAT 1728 Total kinematic kerma (high limit) 17-Cl-36
 Cross Section -22.99 To 9999. %



MAT 1728

Dpa total (eV-barns)
Cross Section

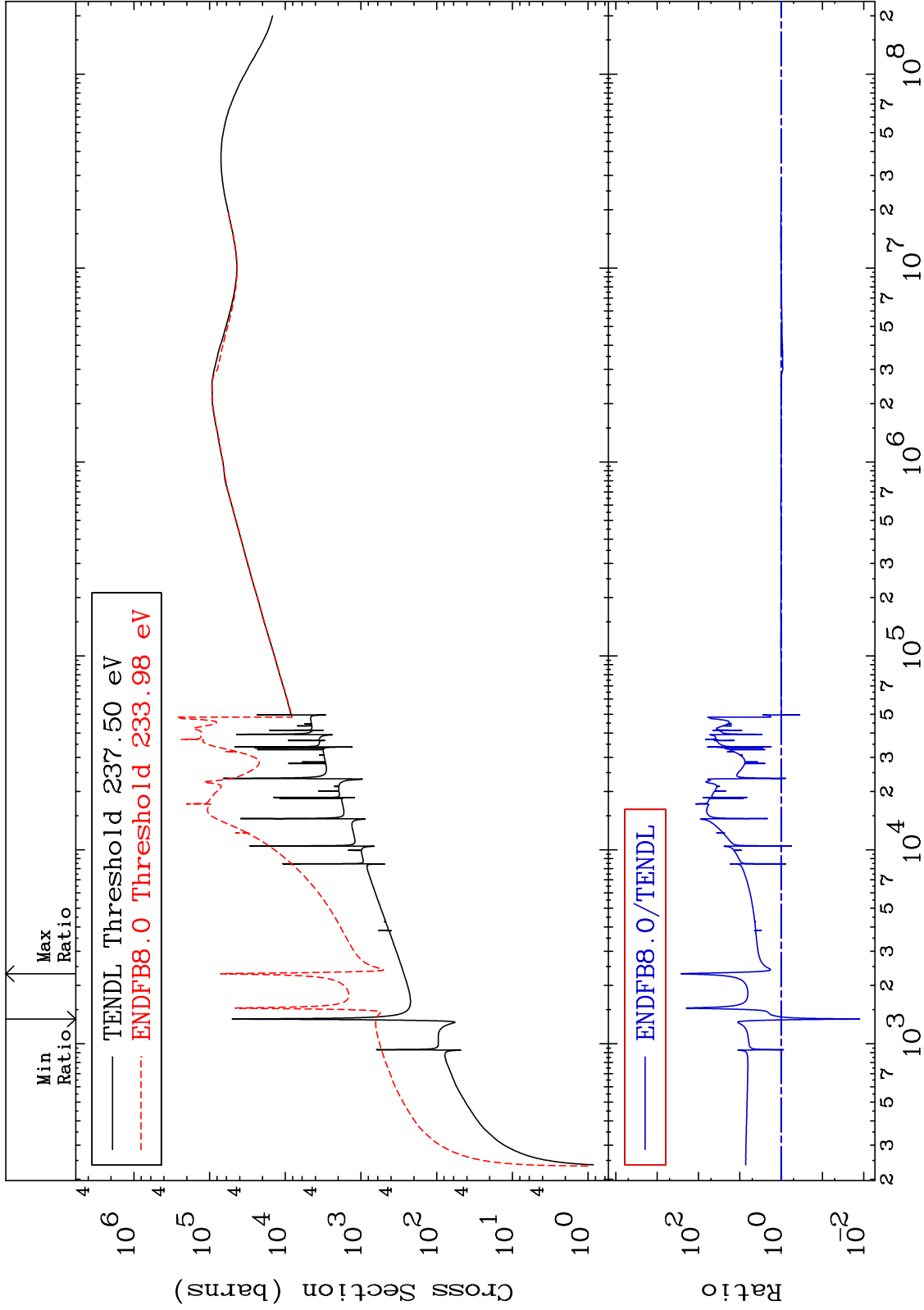
17-Cl-36
-52.13 To 9999. %



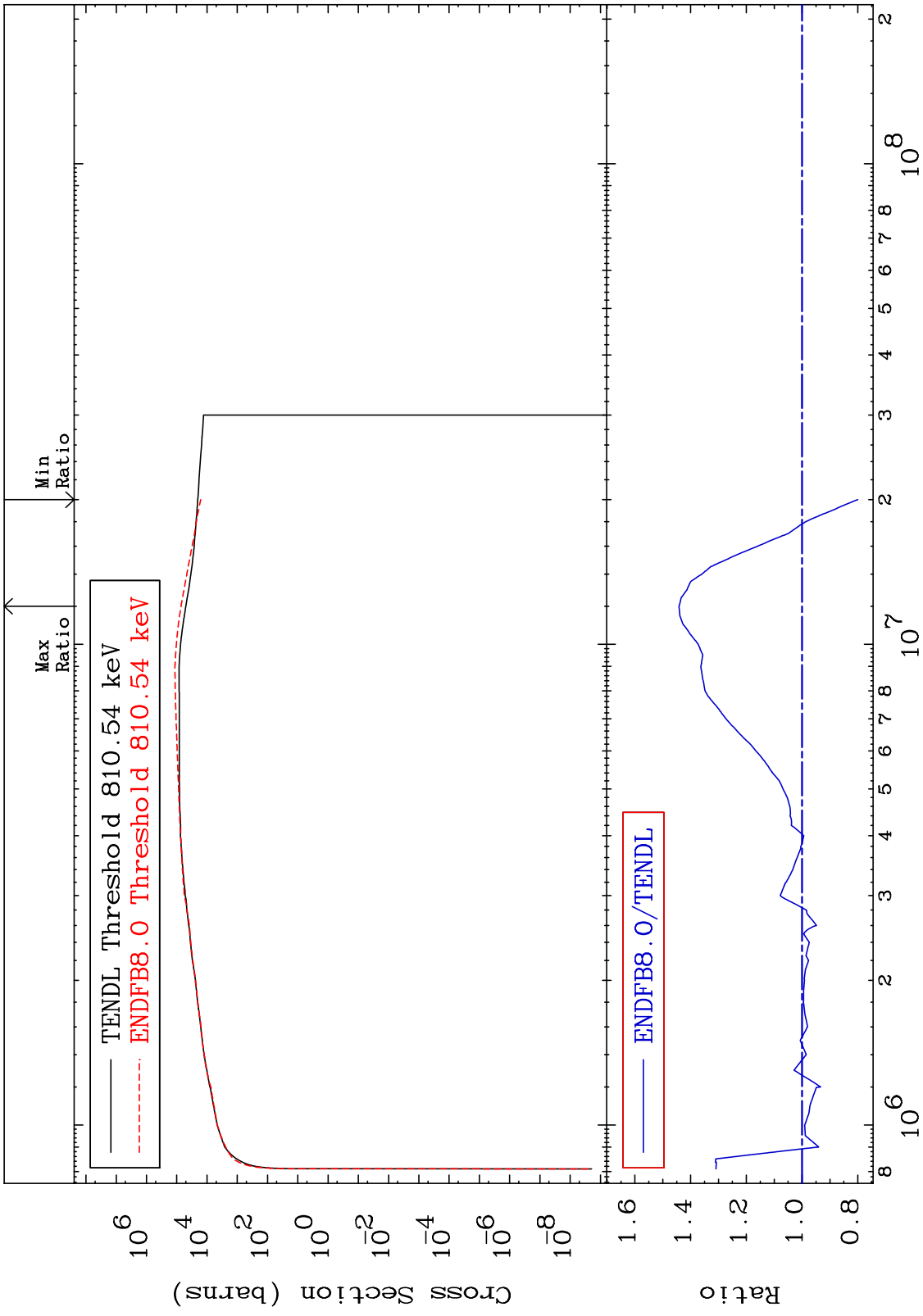
MAT 1728

Dpa elastic (mt2)
Cross Section

17-Cl-36
-98.75 To 9999. %



MAT 1728 Dpa inelastic (mt51-91) 17-Cl-36
 Cross Section -20.02 To 44.15 %



MAT 1728

Dpa disappearance (mt102 -120)
Cross Section

17-Cl-36
-46.61 To 9999. %

