

Program Complot
(Version 2018-1)

by

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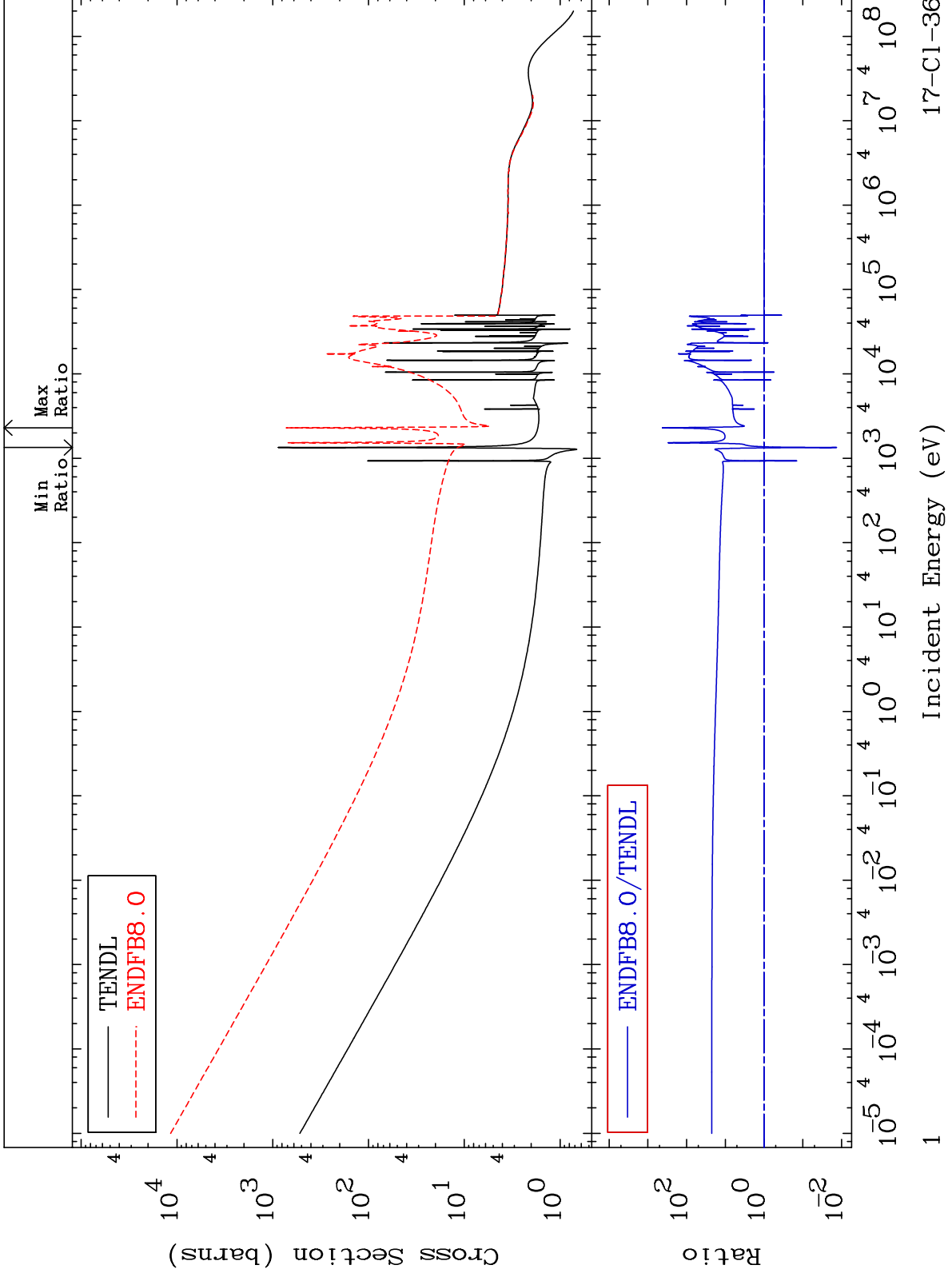
Press Mouse Button to Start

MAT 1728

Total
Cross Section

17-Cl-36

-98.67 To 9999. %

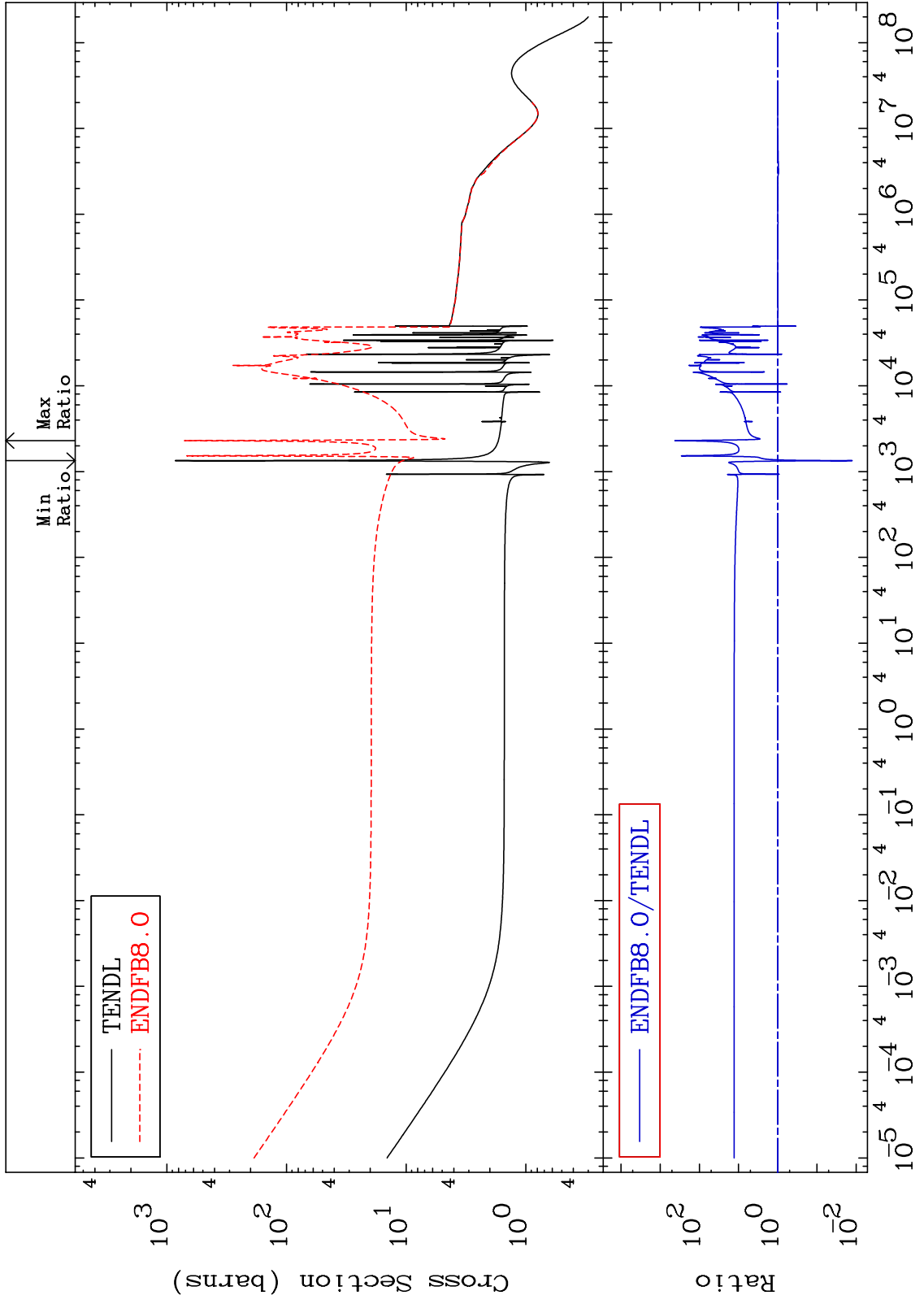


17-Cl-36

MAT 1728

Elastic
Cross Section

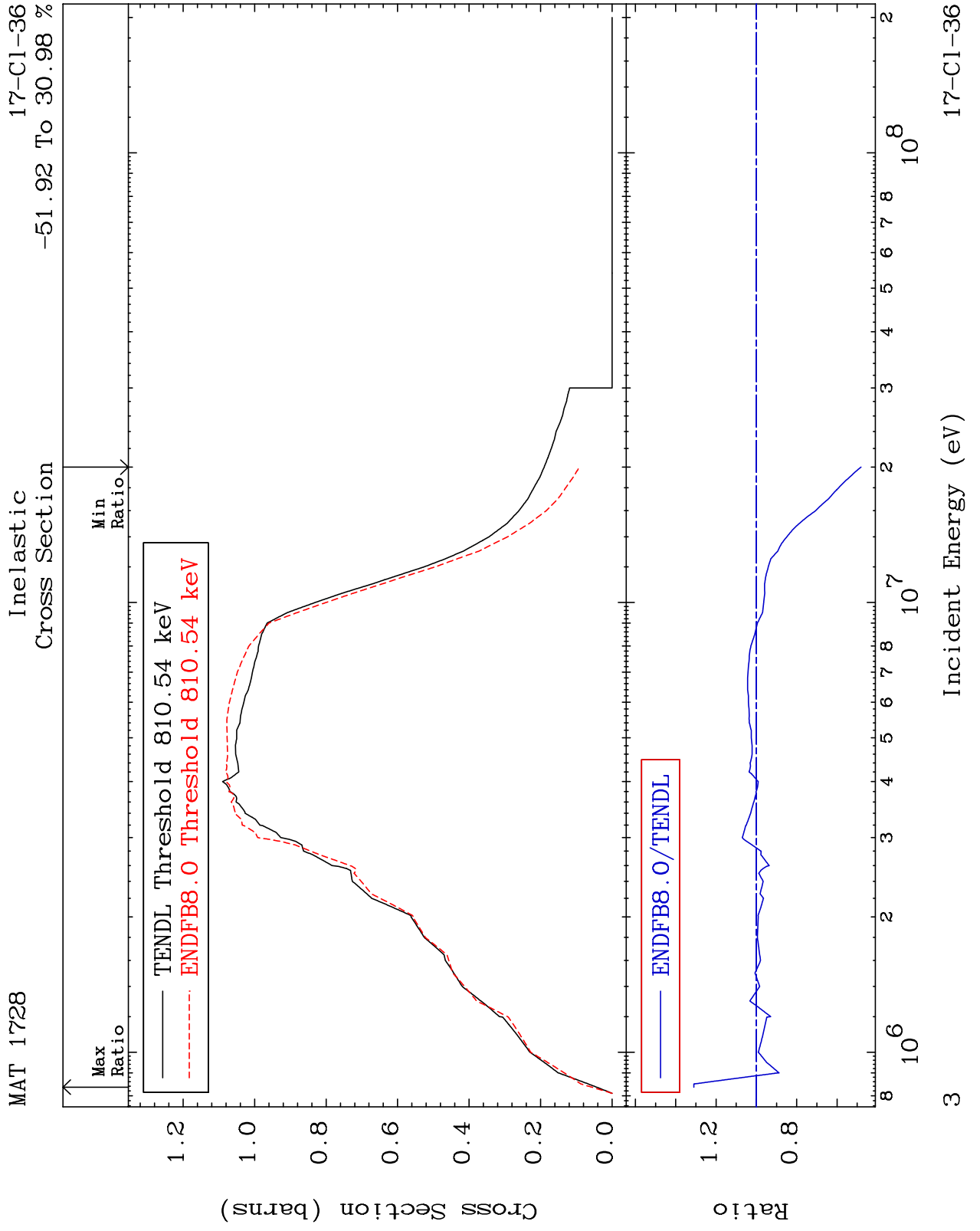
17-CI-36
-98.75 To 9999. %



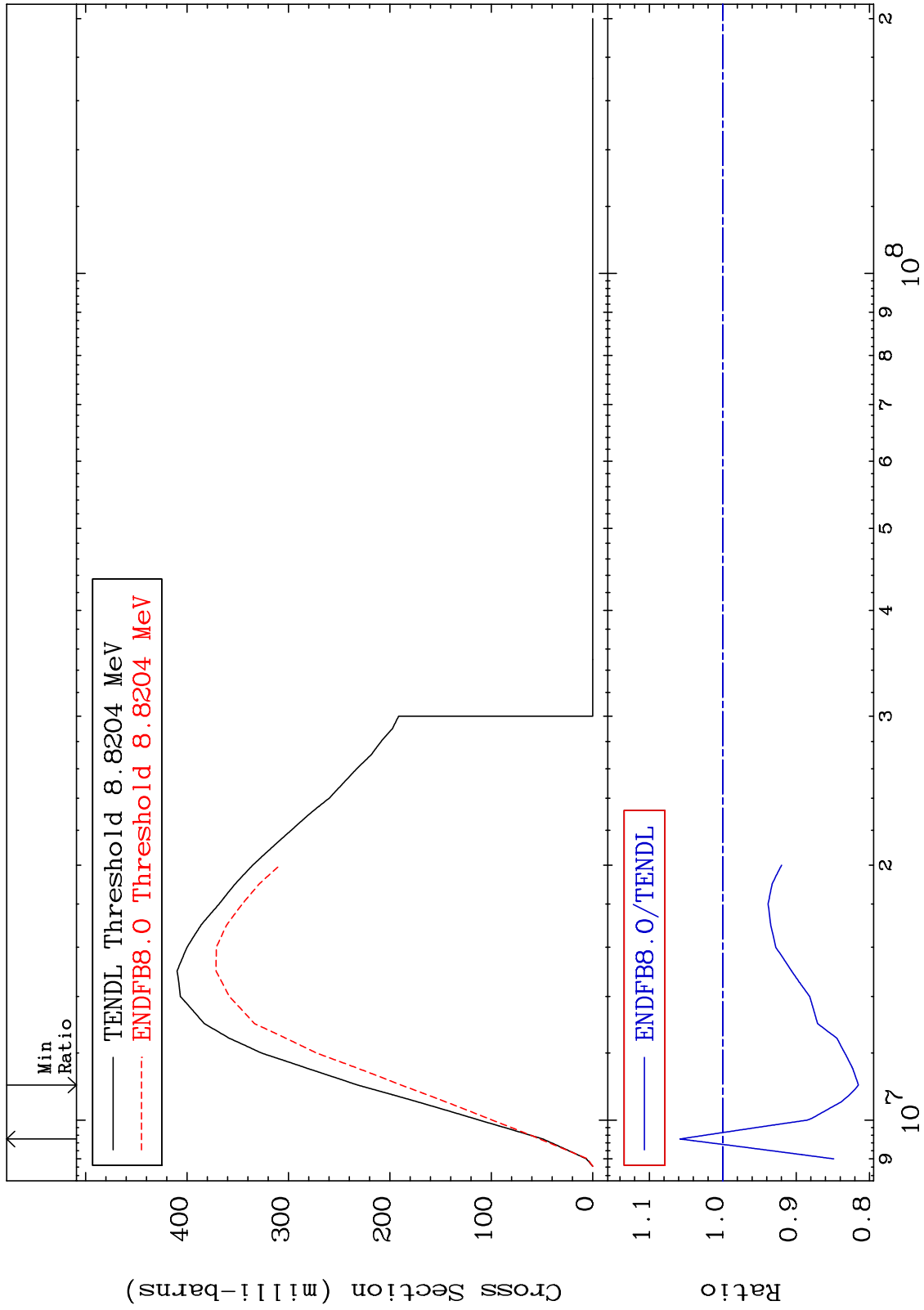
Incident Energy (eV)

17-CI-36

2



MAT 1728 (n,2n) Cross Section 17-Cl-36 -18.48 To 5.818 %

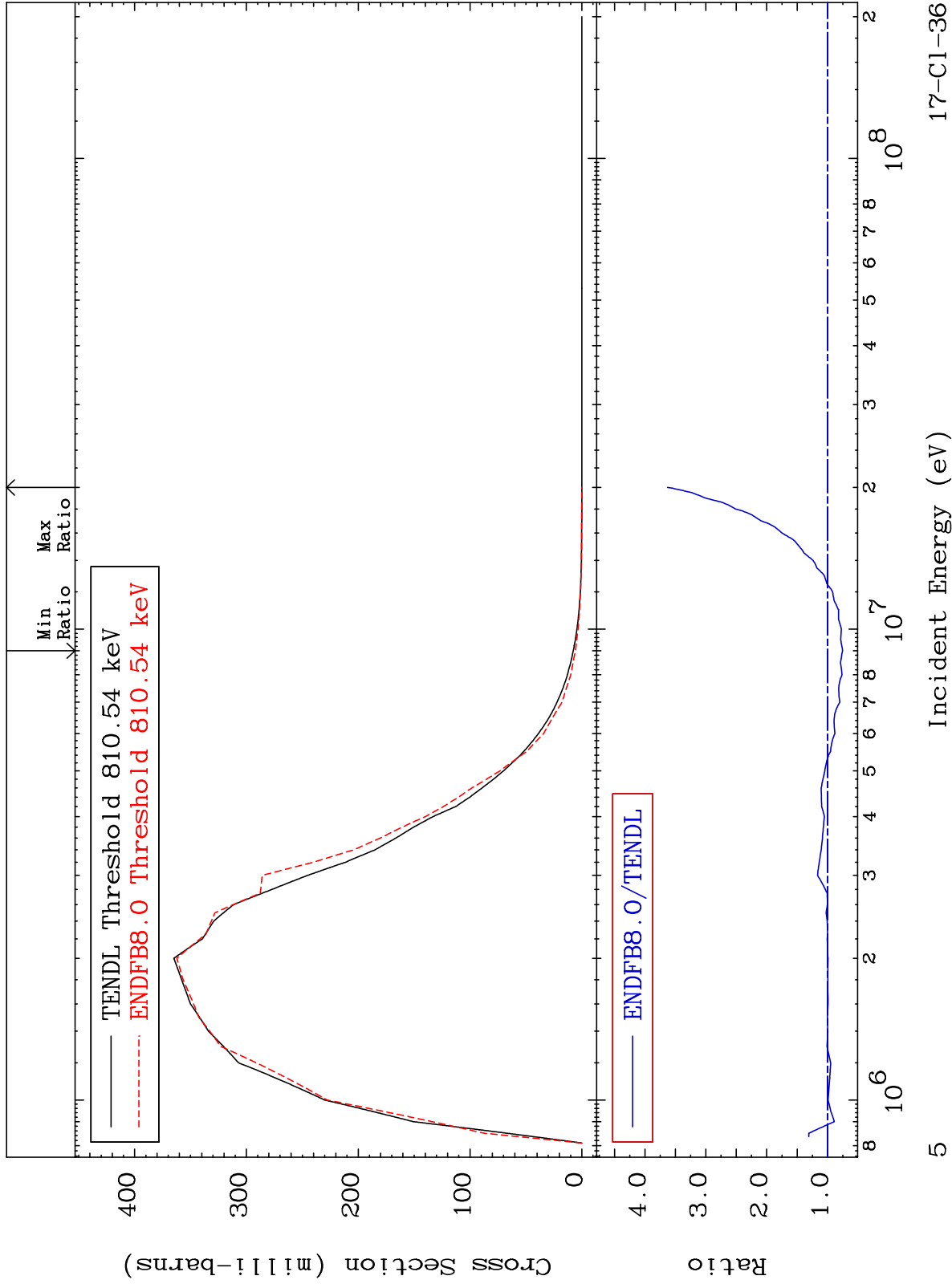


4 17-Cl-36

MAT 1728

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

17-Cl-36
-24.88 To 263.1 %



17-Cl-36

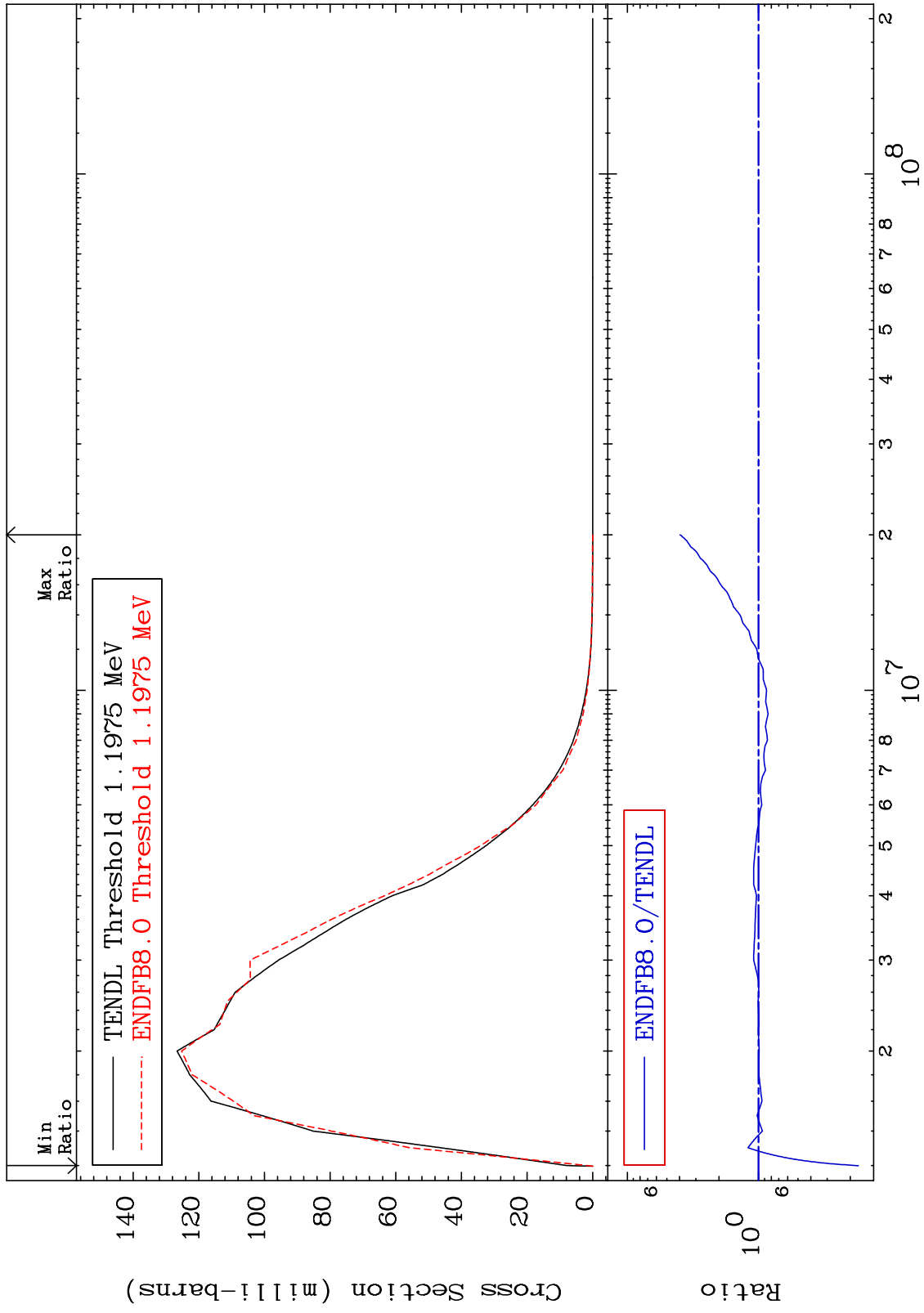
Incident Energy (eV)

5

MAT 1728

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

17-Cl-36
-82.68 To 296.7 %



6

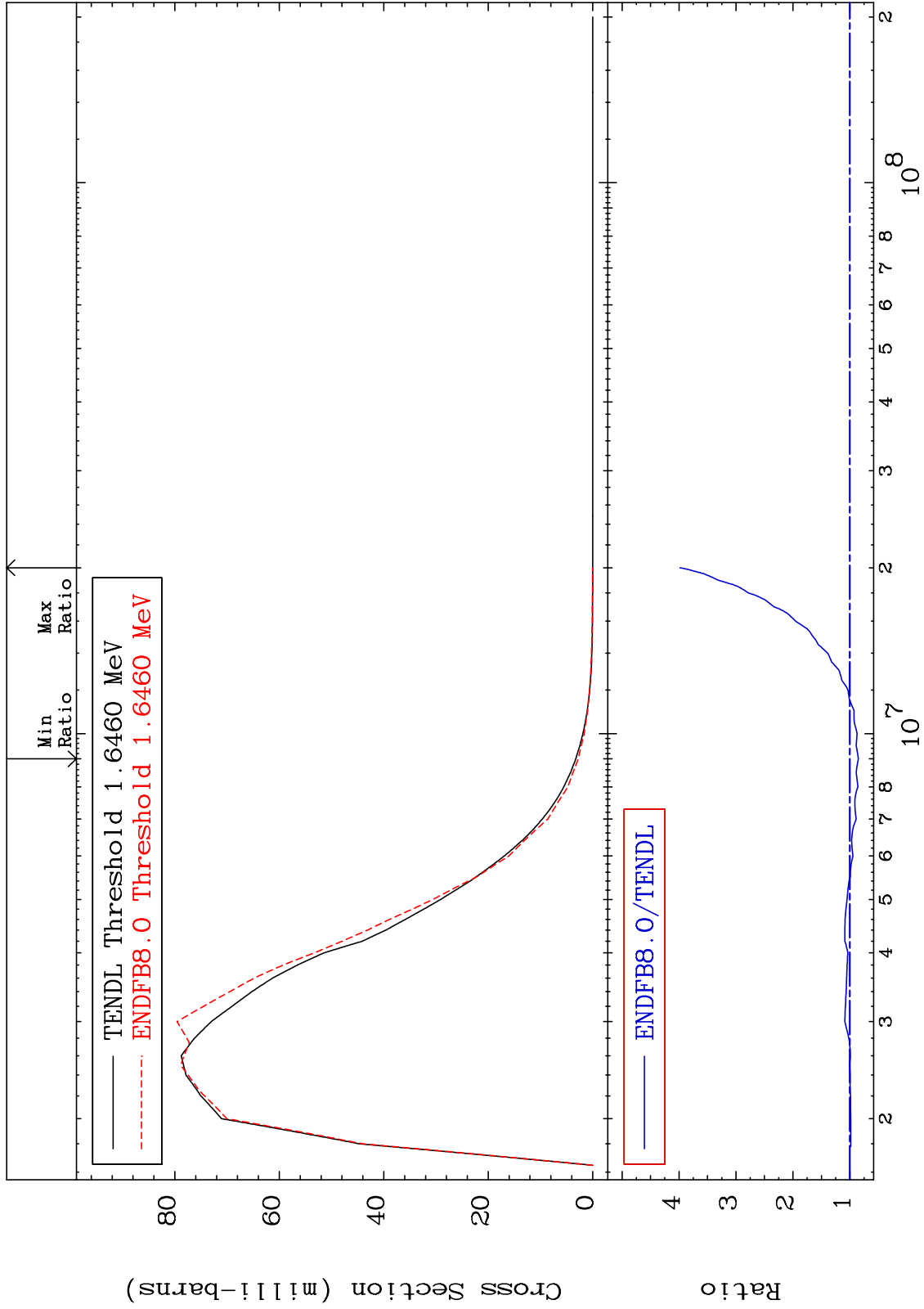
17-Cl-36

17-Cl-36

MAT 1728

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

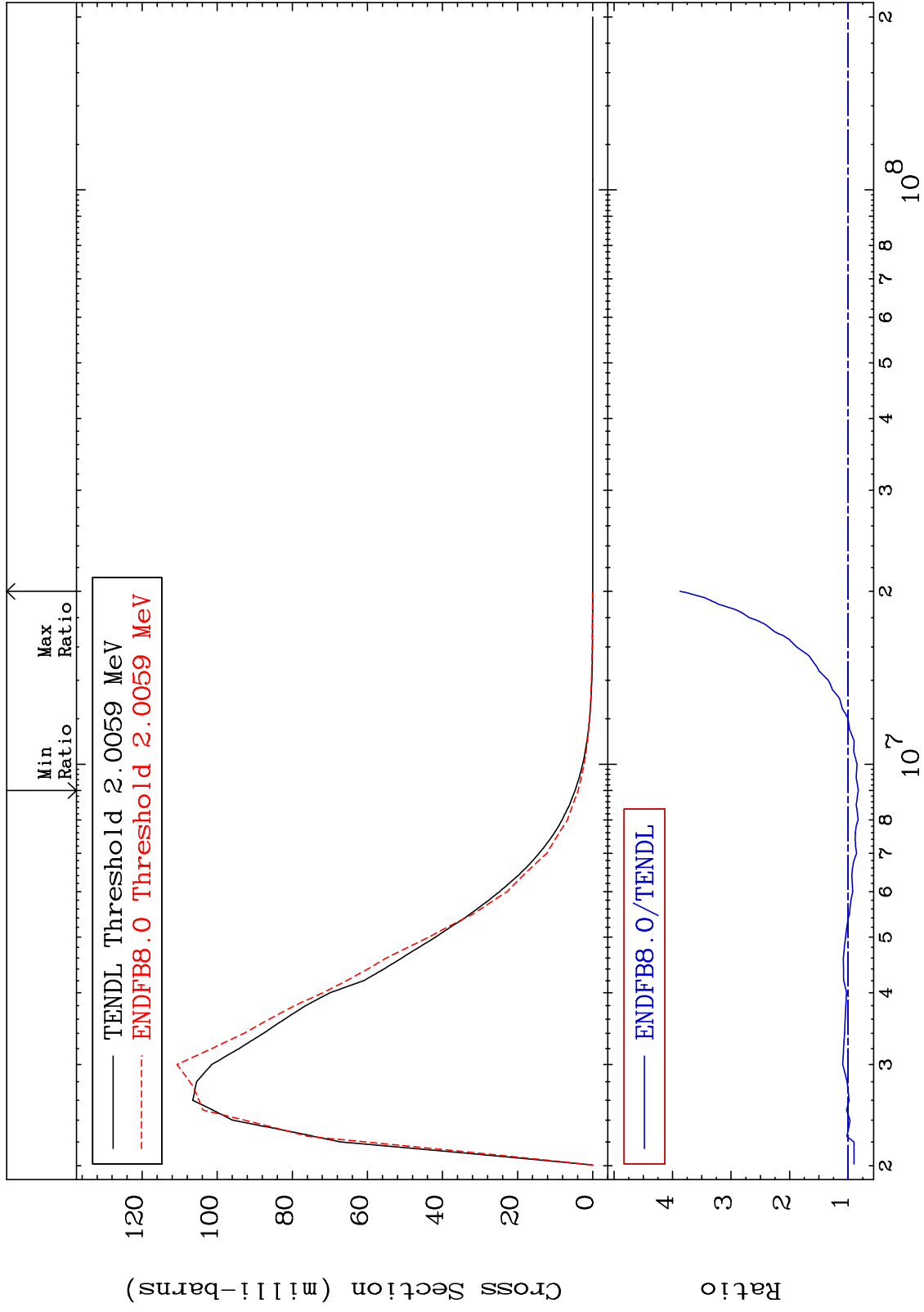
17-Cl-36
-14.96 To 298.2 %



MAT 1728

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

17-Cl-36
-17.69 To 287.3 %

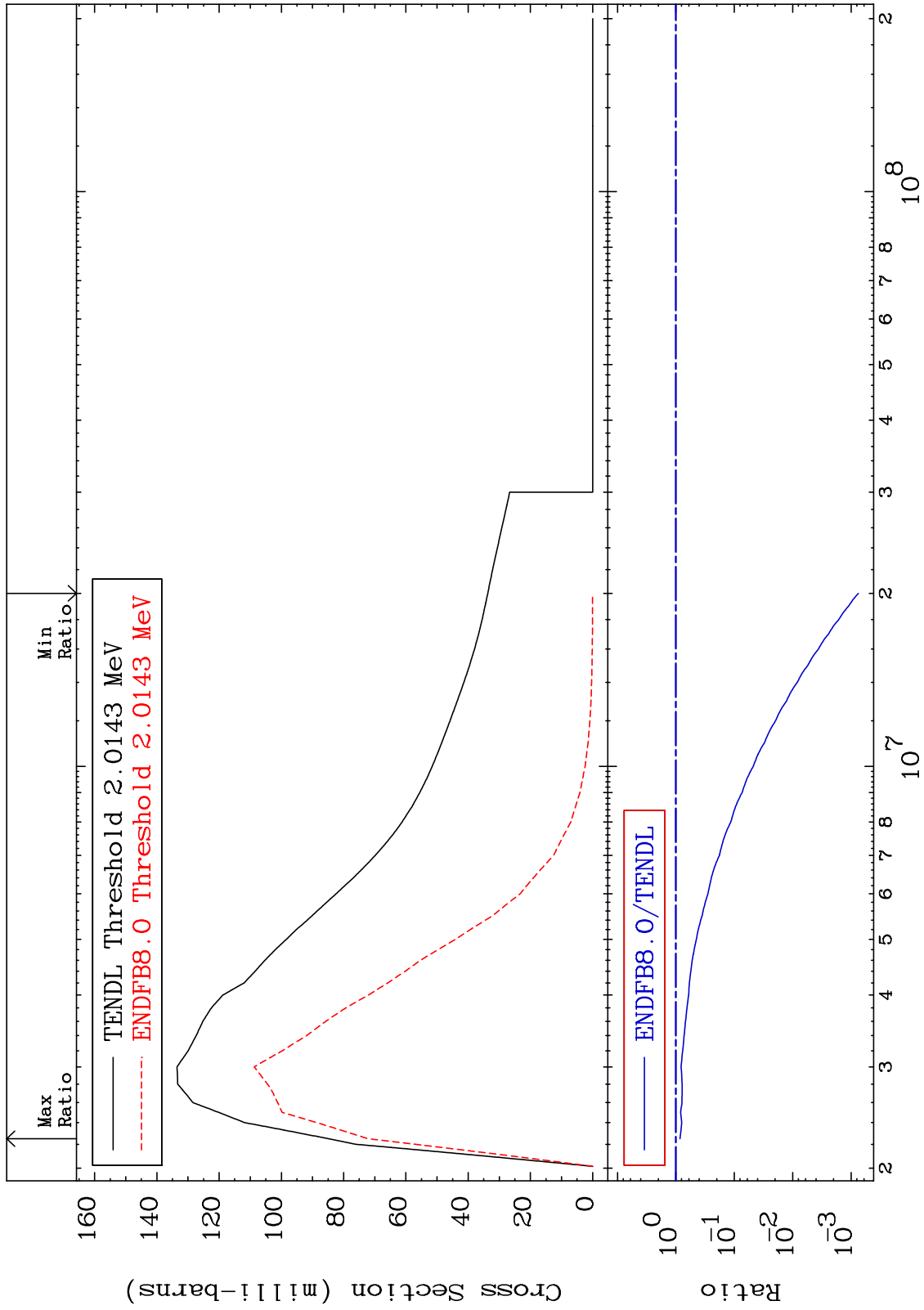


8

Incident Energy (eV)

17-Cl-36

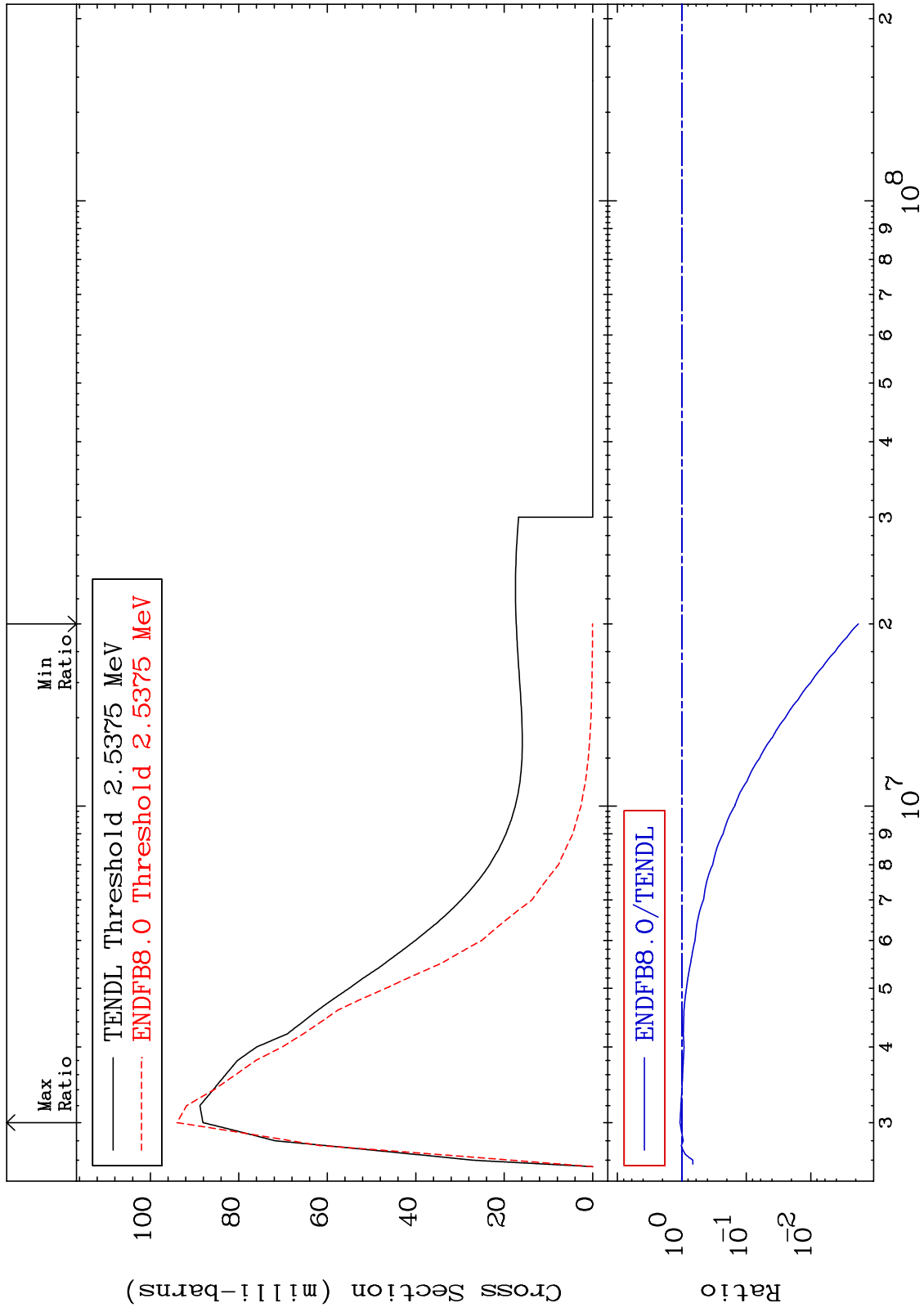
MAT 1728 MT= 55 (n,n') Level Cross Section 17-Cl-36
 -99.92 To -14.96%



MAT 1728

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

17-Cl-36
-99.82 To 6.635 %



10

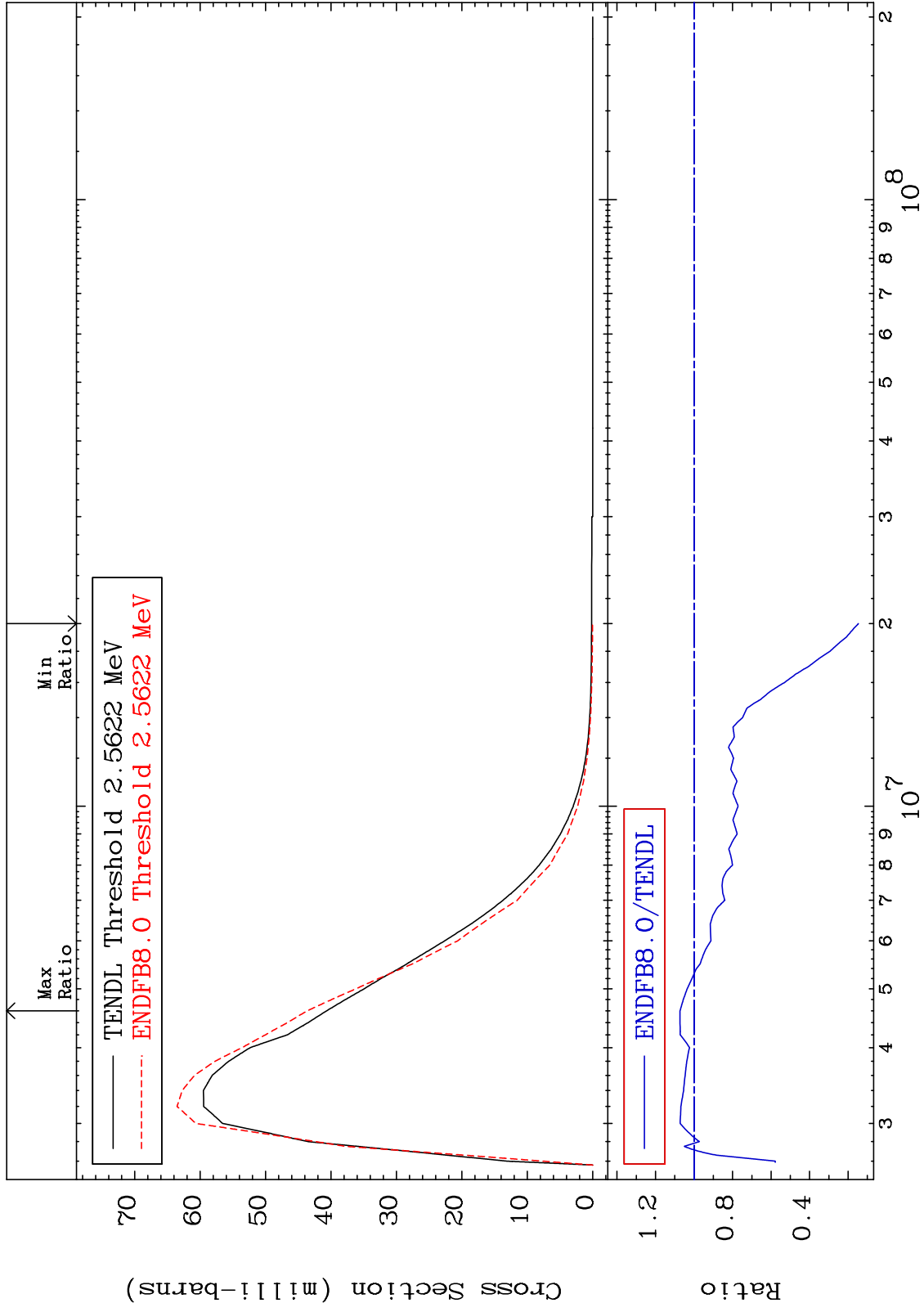
Incident Energy (eV)

17-Cl-36

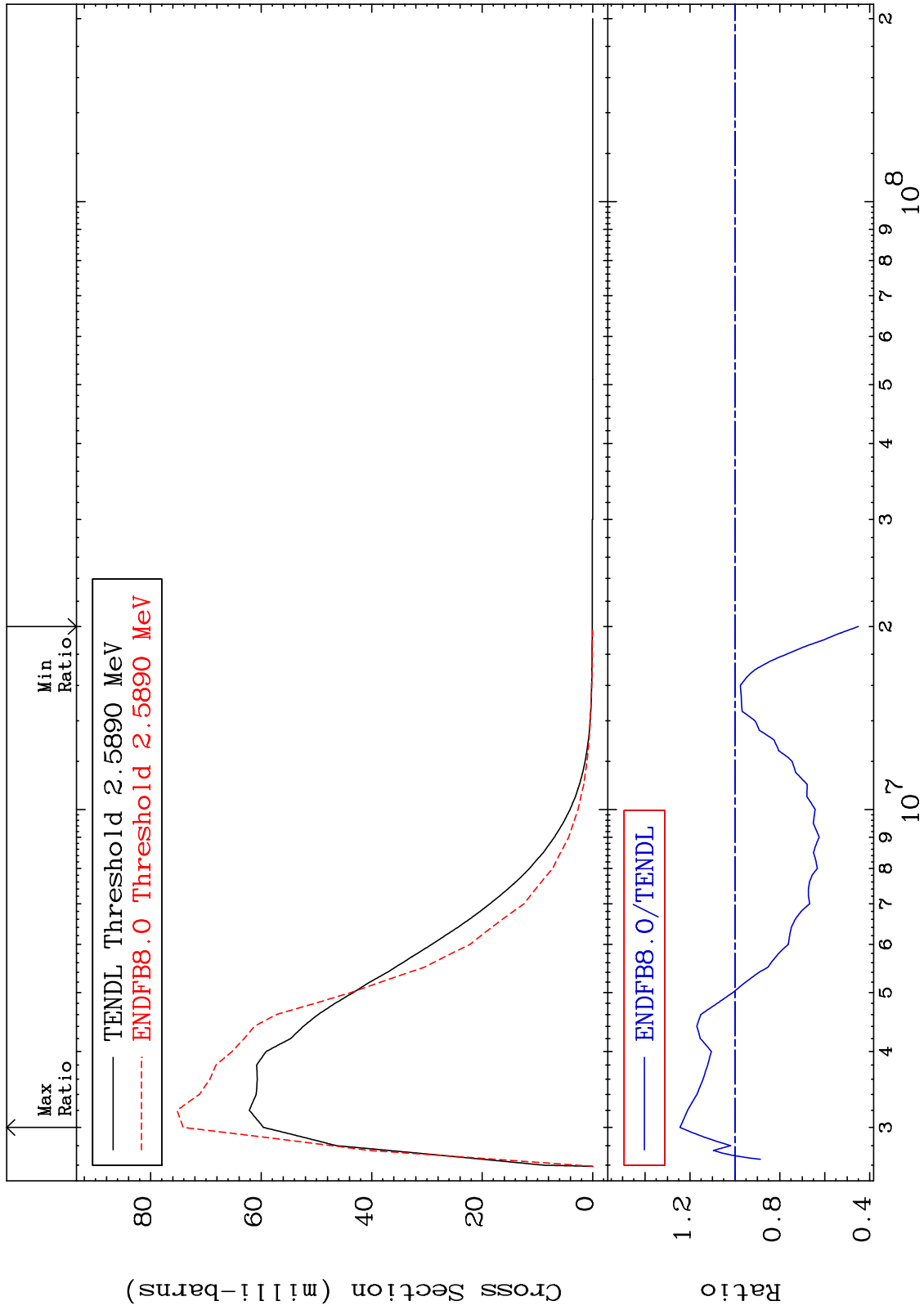
MAT 1728

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

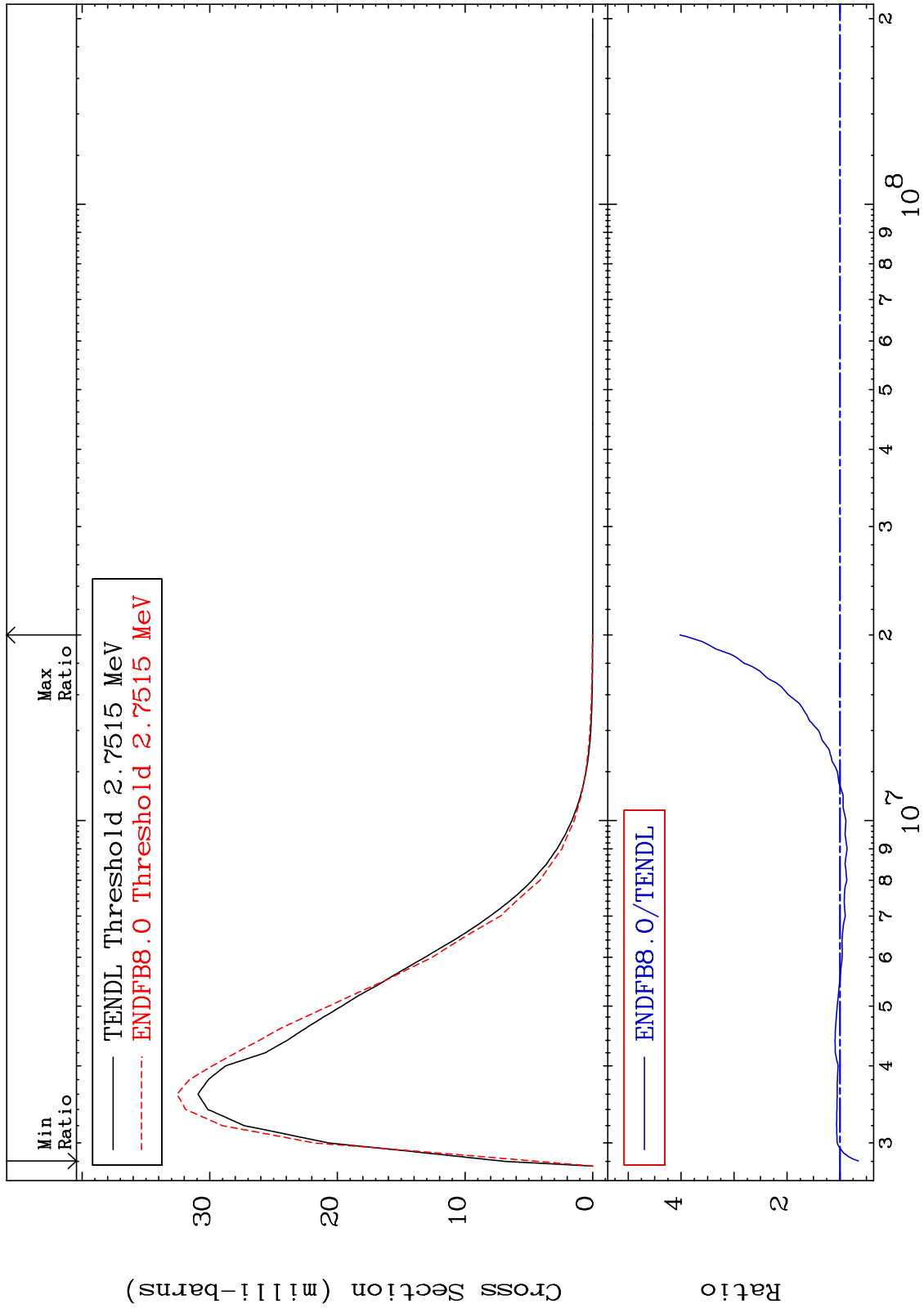
17-Cl-36
-85.34 To 7.285 %



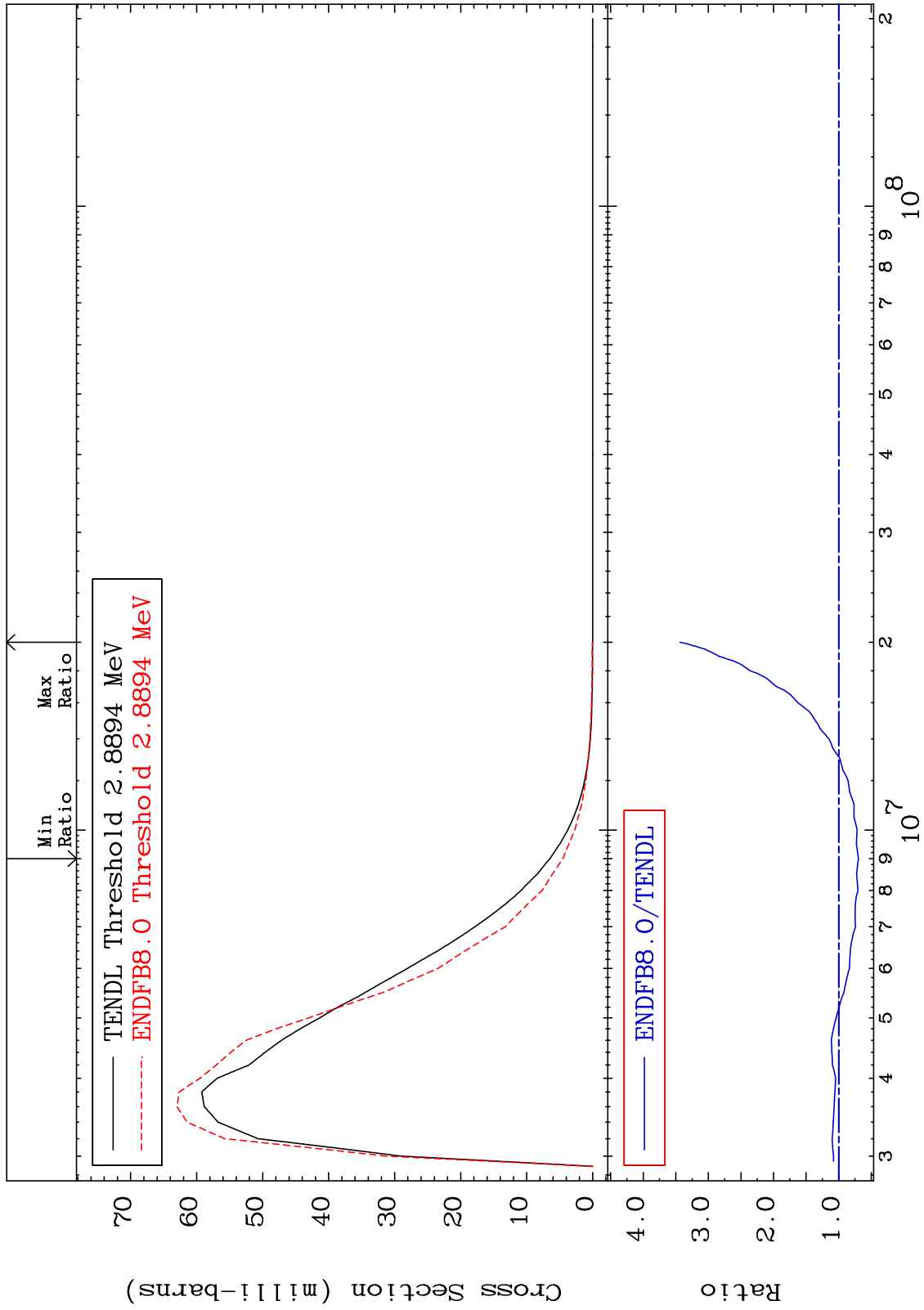
MAT 1728 MT= 58 (n,n') Level Cross Section 17-Cl-36
-54.99 To 24.40 %



MAT 1728 MT= 59 (n,n') Level Cross Section 17-Cl-36
-34.87 To 302.1 %



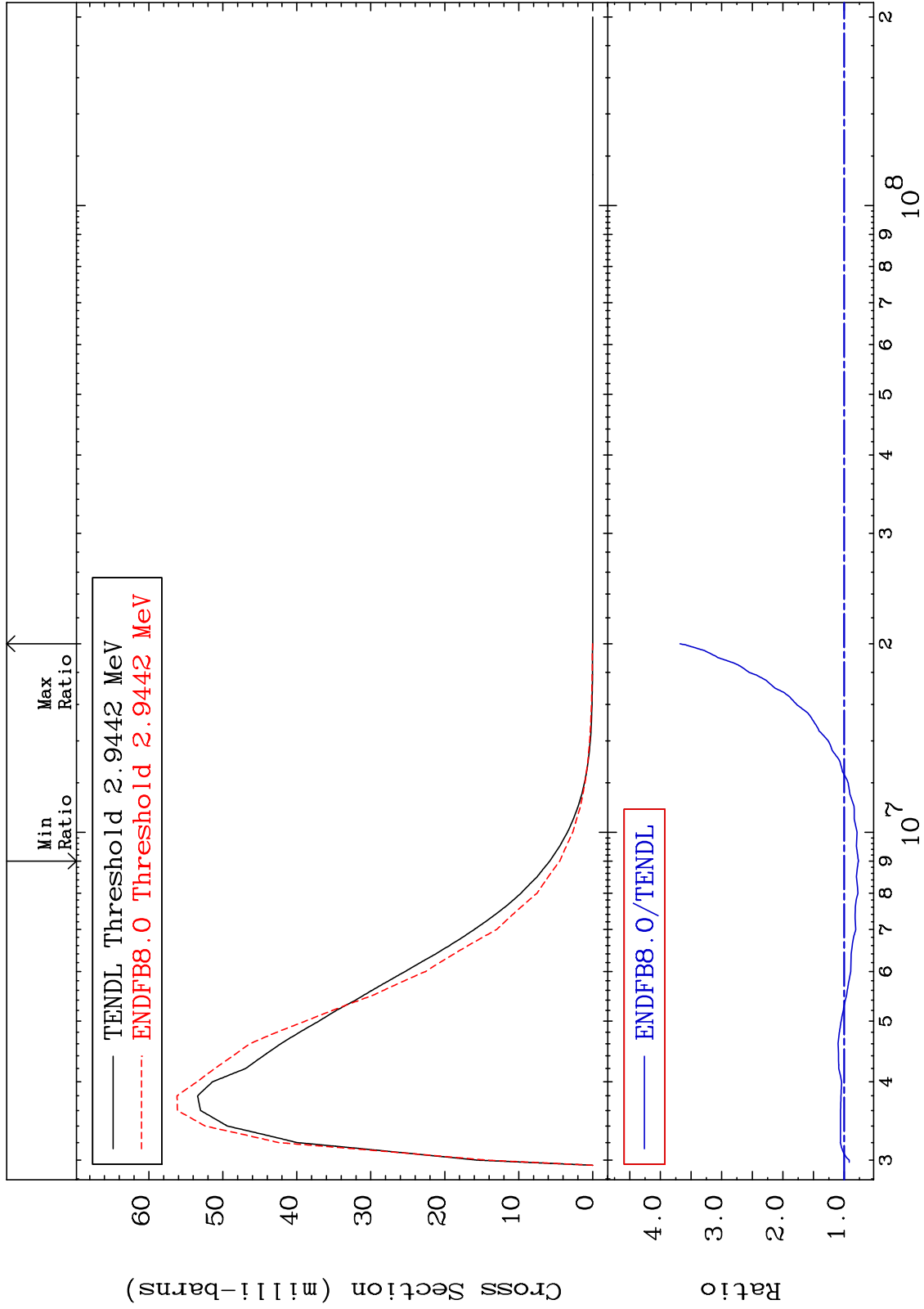
MAT 1728 MT= 60 (n,n') Level Cross Section 17-Cl-36
 -30.30 To 243.6 %



MAT 1728

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

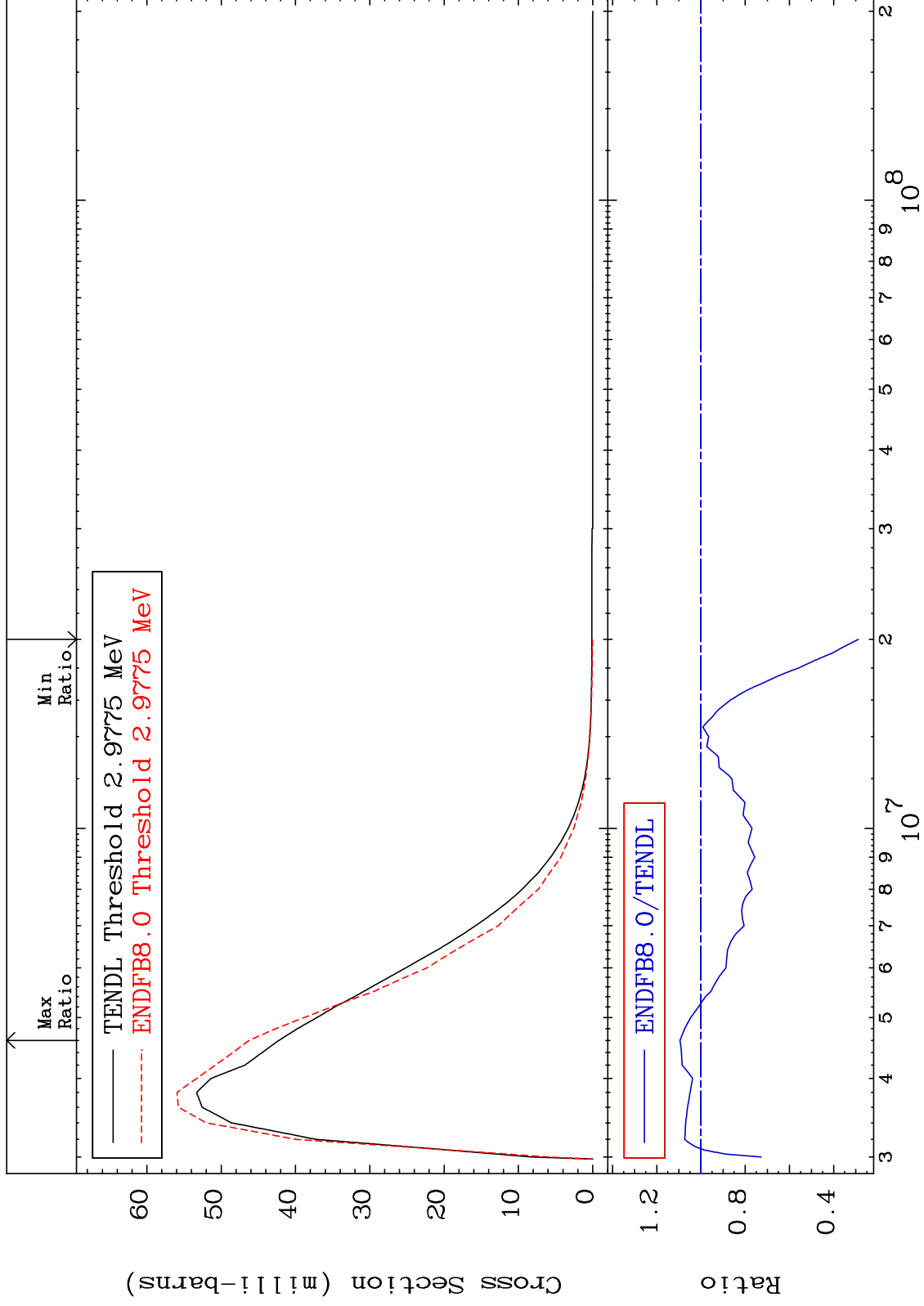
17-Cl-36
-23.28 To 268.0 %



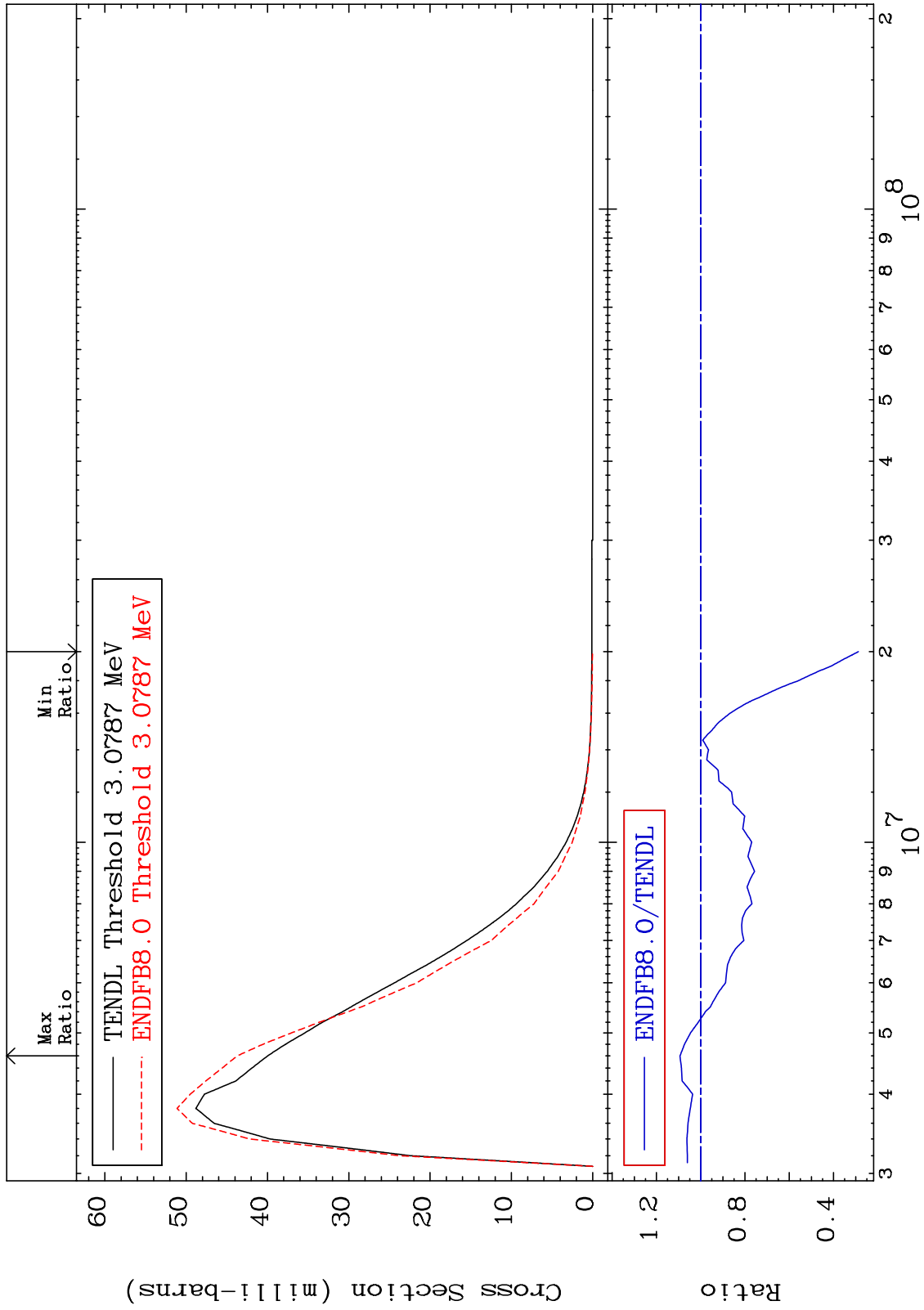
MAT 1728

MT= 62 (n,n') Level
Cross Section

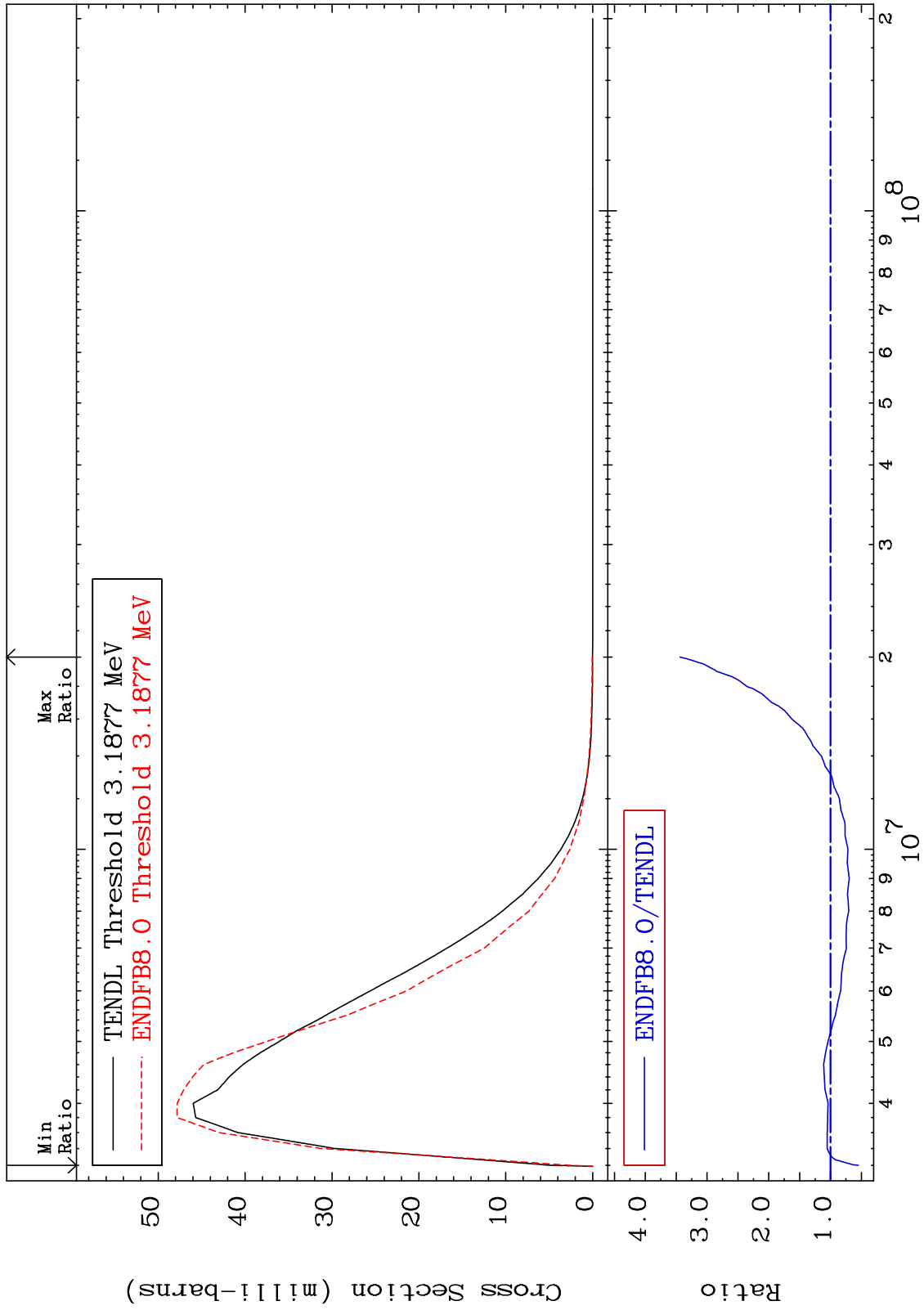
17-Cl-36
-71.20 To 9.475 %



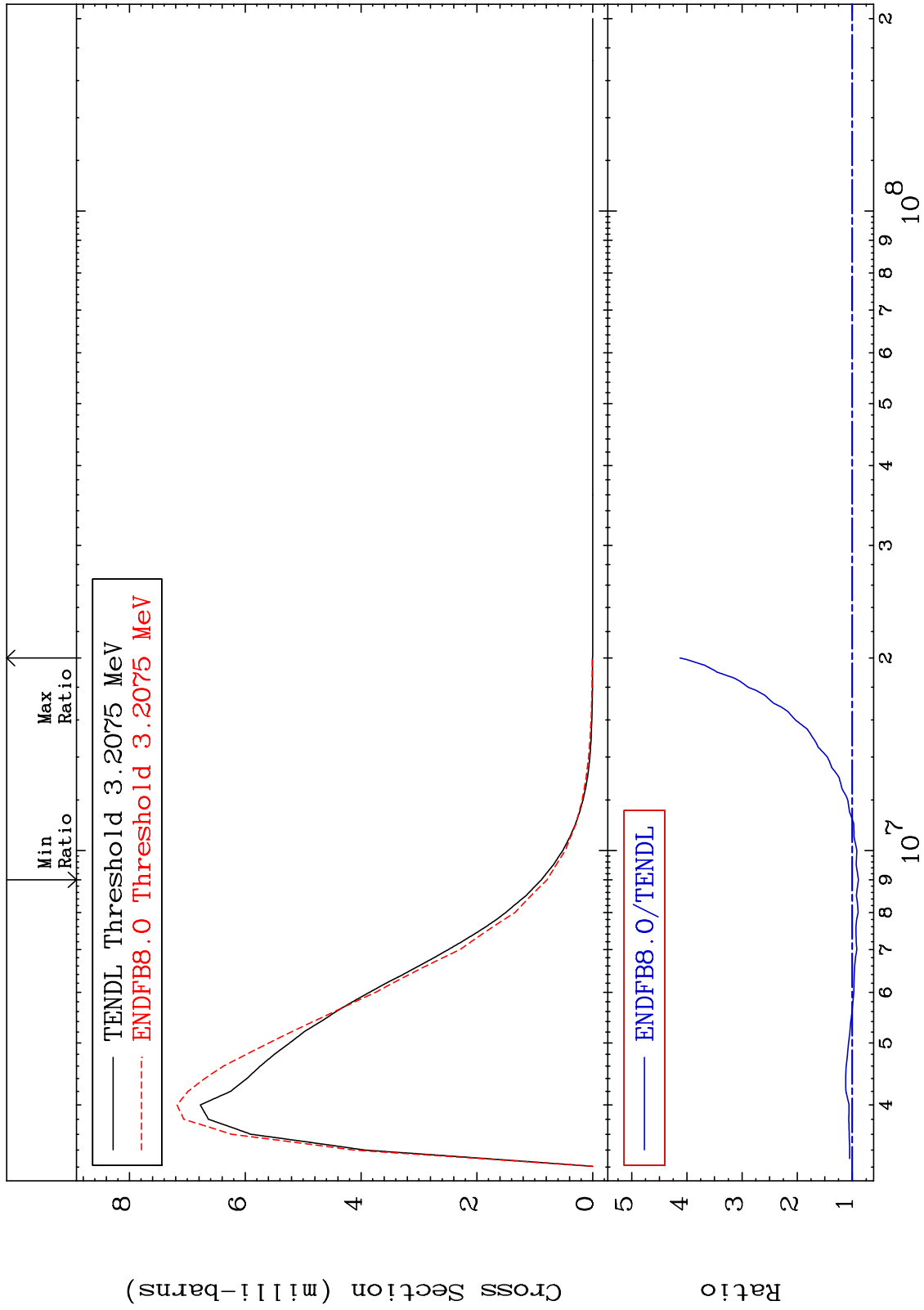
MAT 1728 MT= 63 (n,n') Level Cross Section 17-Cl-36
 -71.23 To 9.363 %



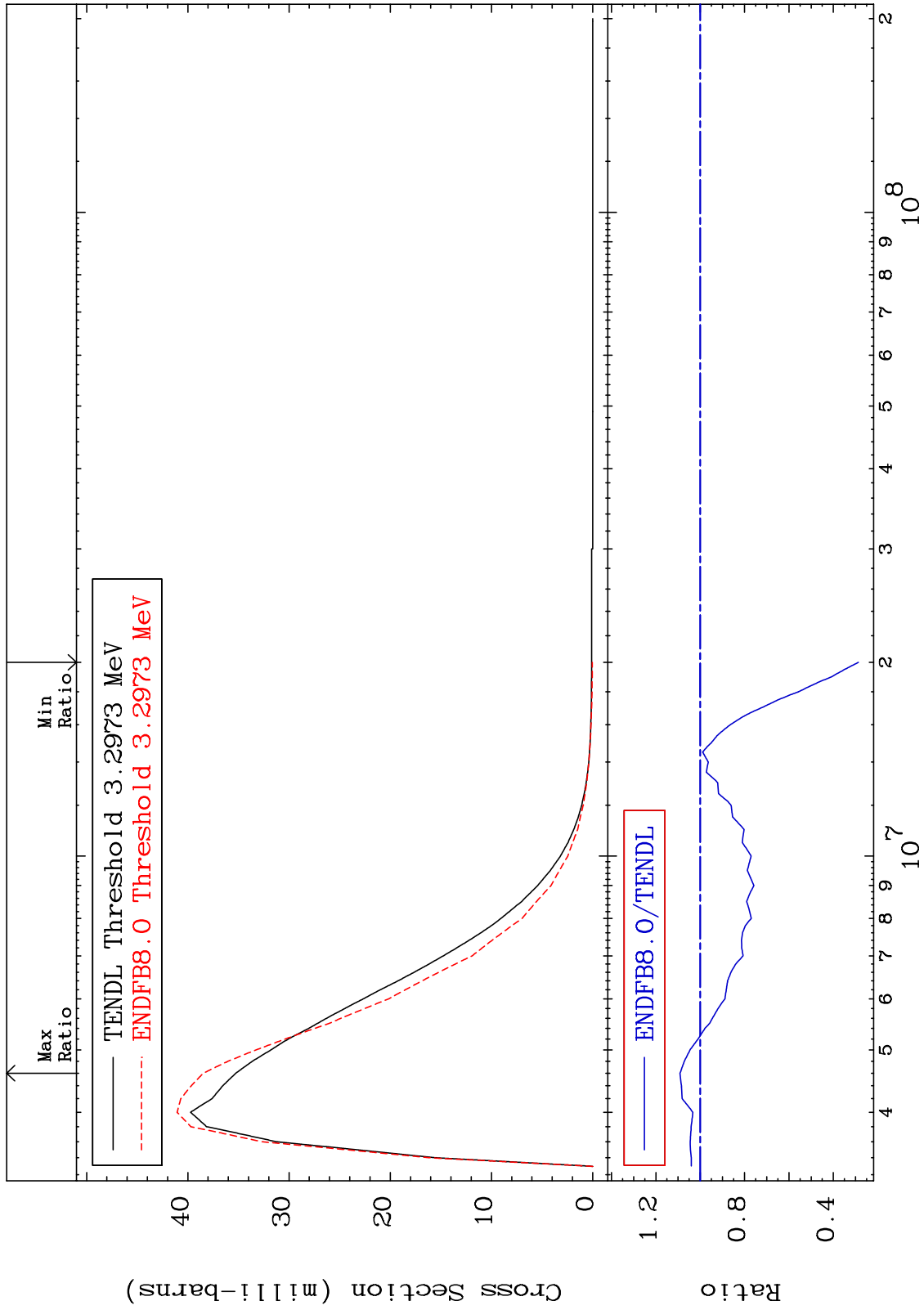
MAT 1728 MT= 64 (n,n') Level Cross Section 17-Cl-36
 -45.16 To 243.8 %



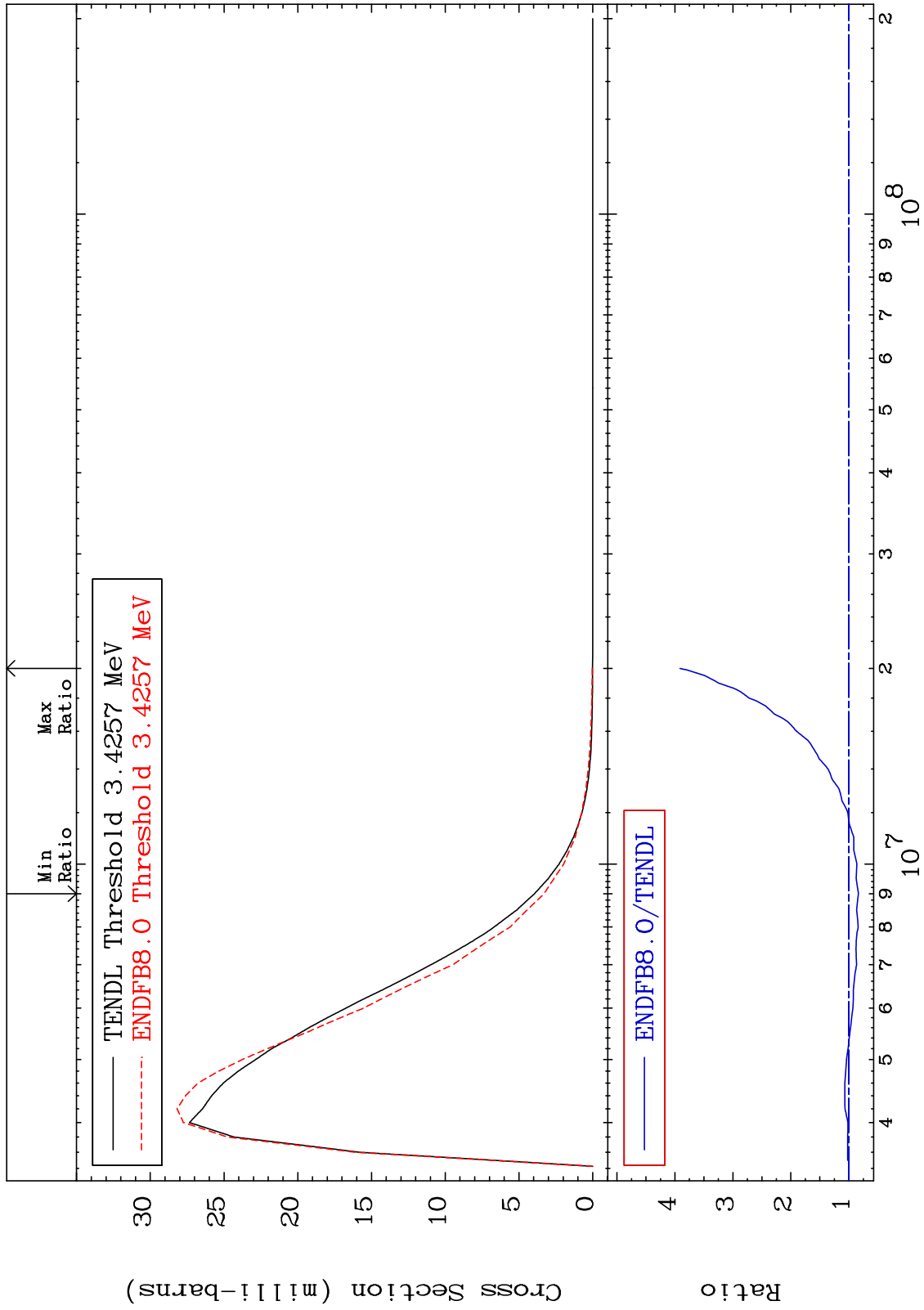
MAT 1728 MT= 65 (n,n') Level Cross Section -11.01 To 312.5 % 17-Cl-36



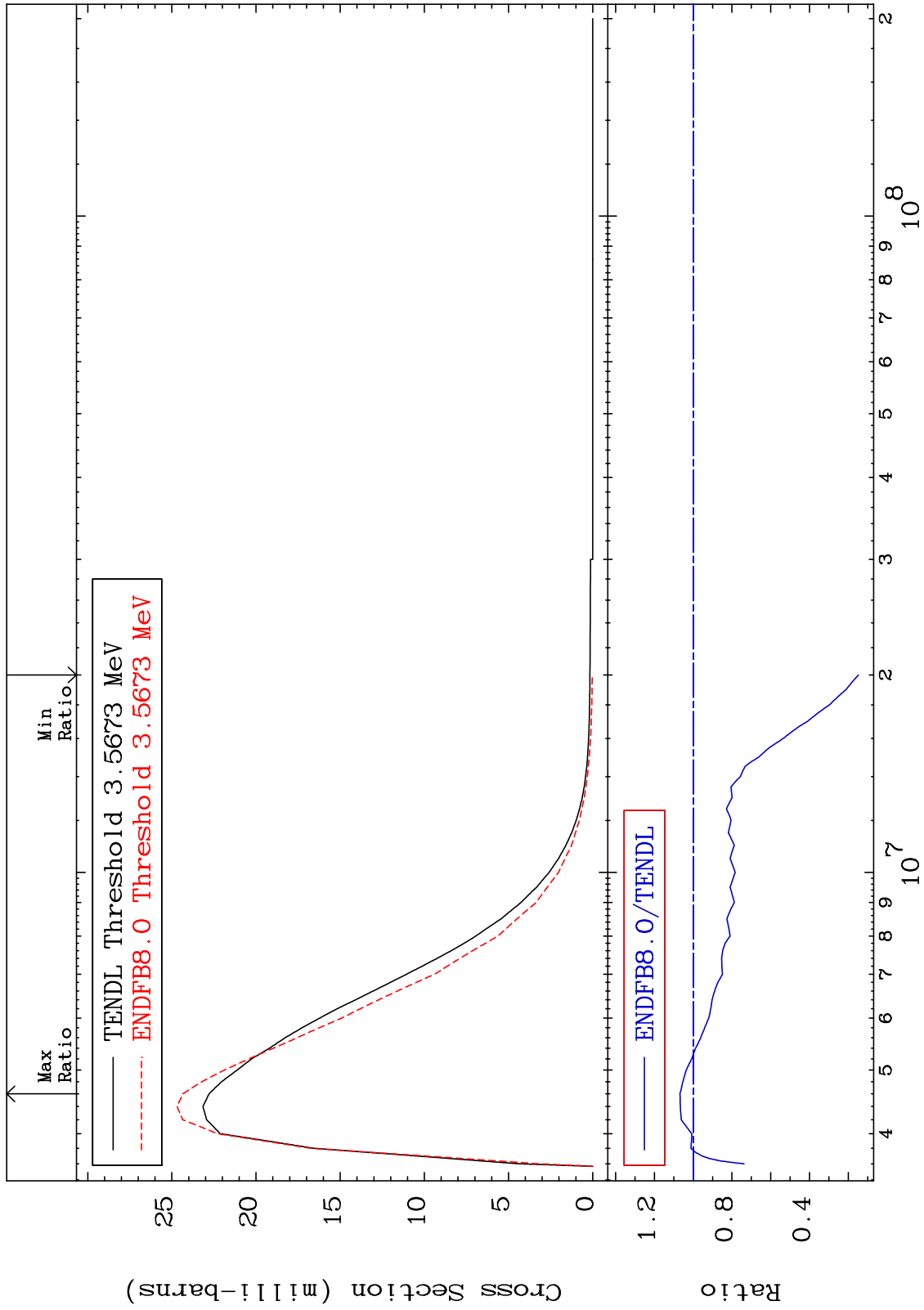
MAT 1728 MT= 66 (n,n') Level Cross Section 17-Cl-36
-71.30 To 9.117 %



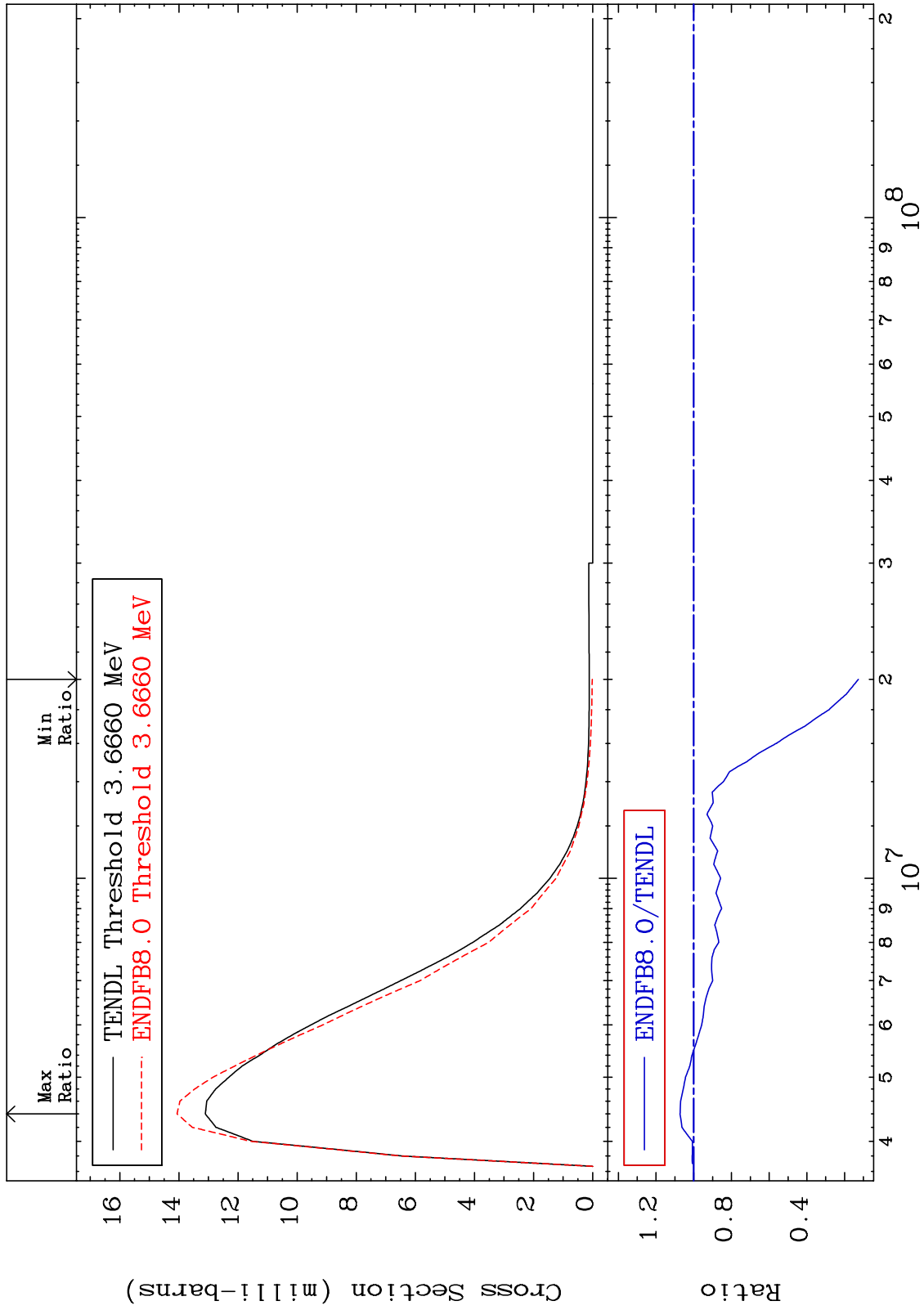
MAT 1728 MT= 67 (n,n') Level Cross Section 17-Cl-36
 -16.61 To 291.2 %



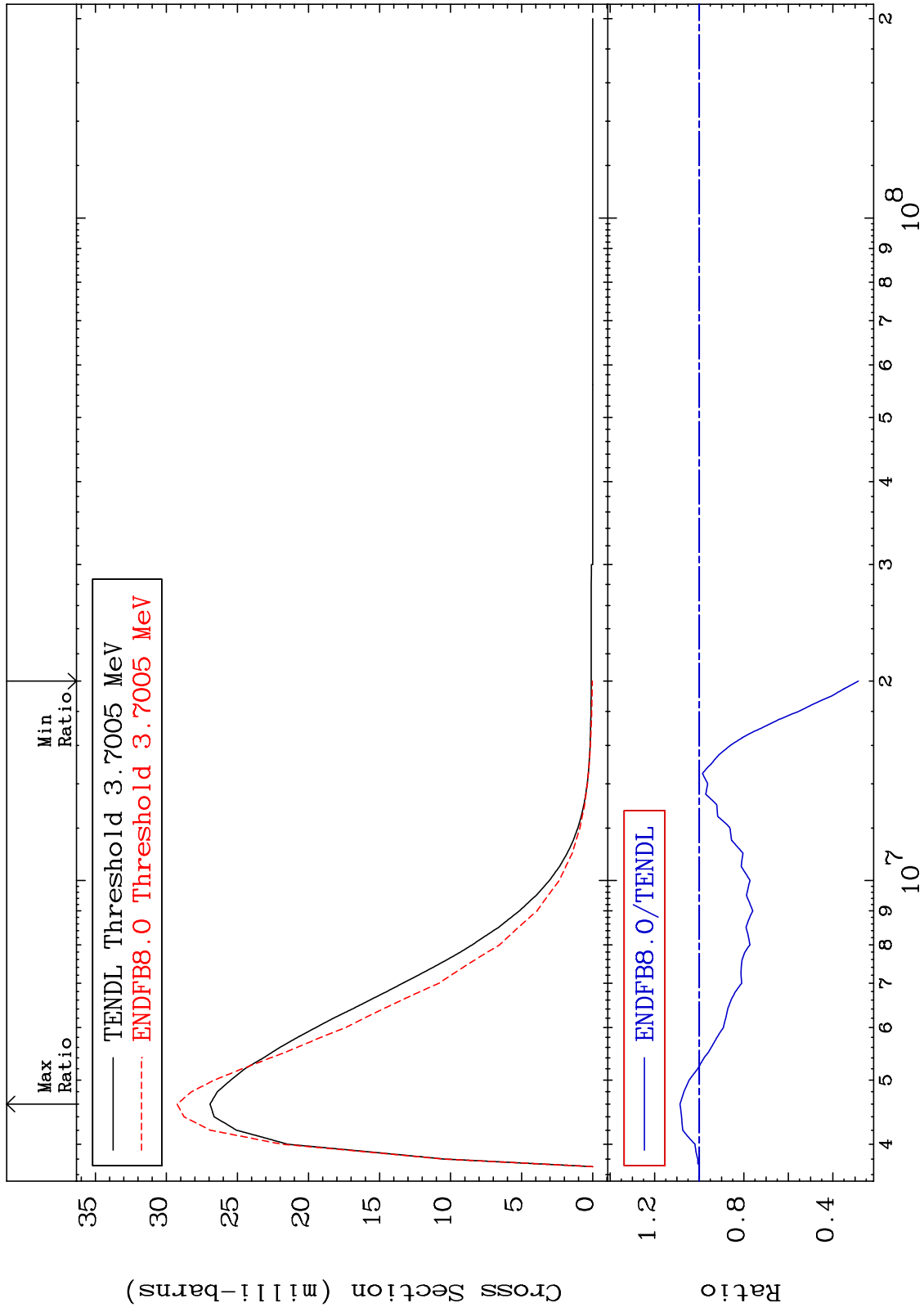
MAT 1728 MT= 68 (n,n') Level Cross Section 17-Cl-36
 -85.22 To 6.795 %



MAT 1728 MT= 69 (n,n') Level Cross Section 17-Cl-36
 -87.32 To 7.294 %



MAT 1728 MT= 70 (n,n') Level
Cross Section 17-Cl-36
-71.46 To 8.626 %



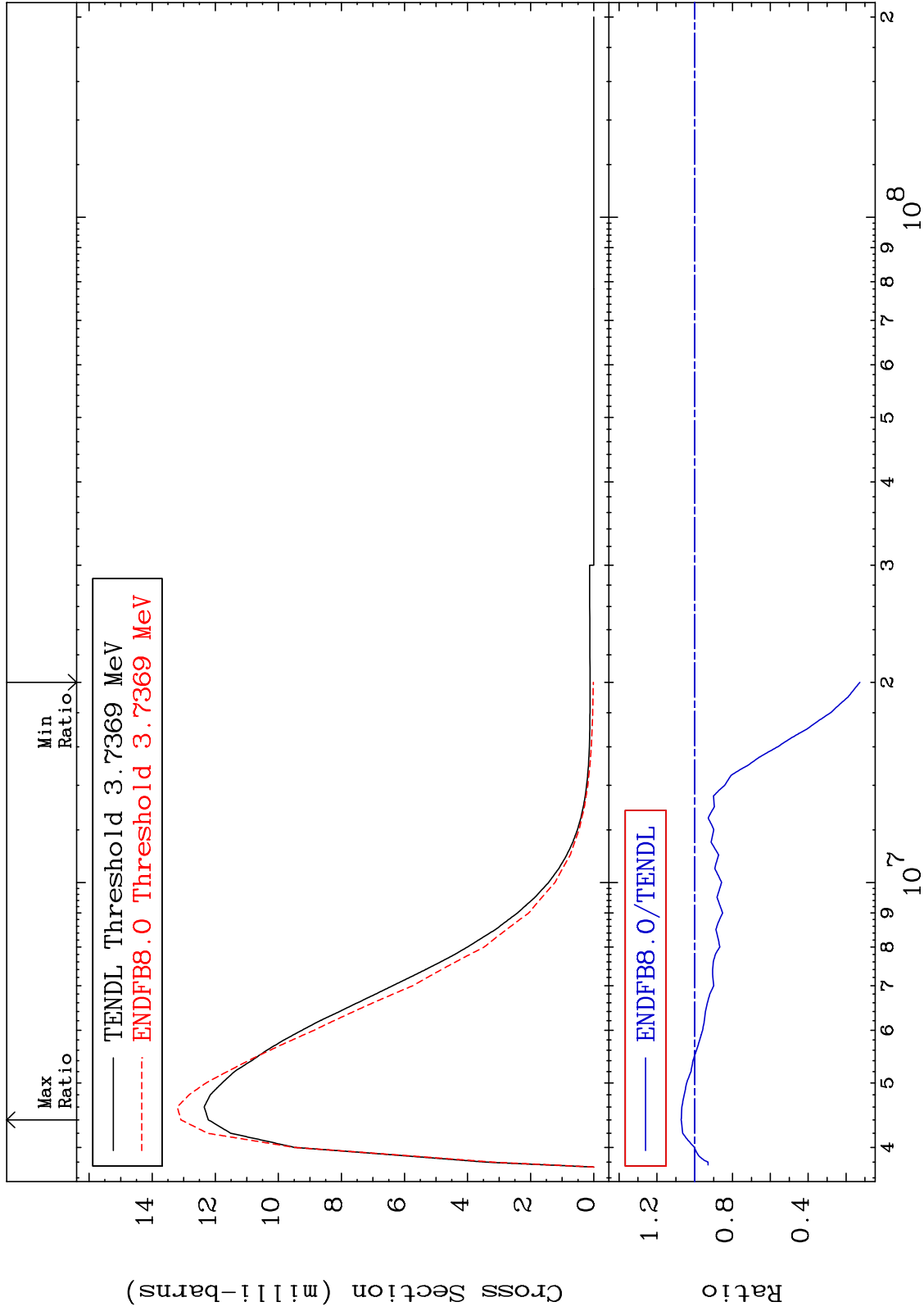
17-Cl-36

Incident Energy (eV)

MAT 1728

MT= 71 (n,n') Level
Cross Section

17-Cl-36
-87.35 To 7.141 %



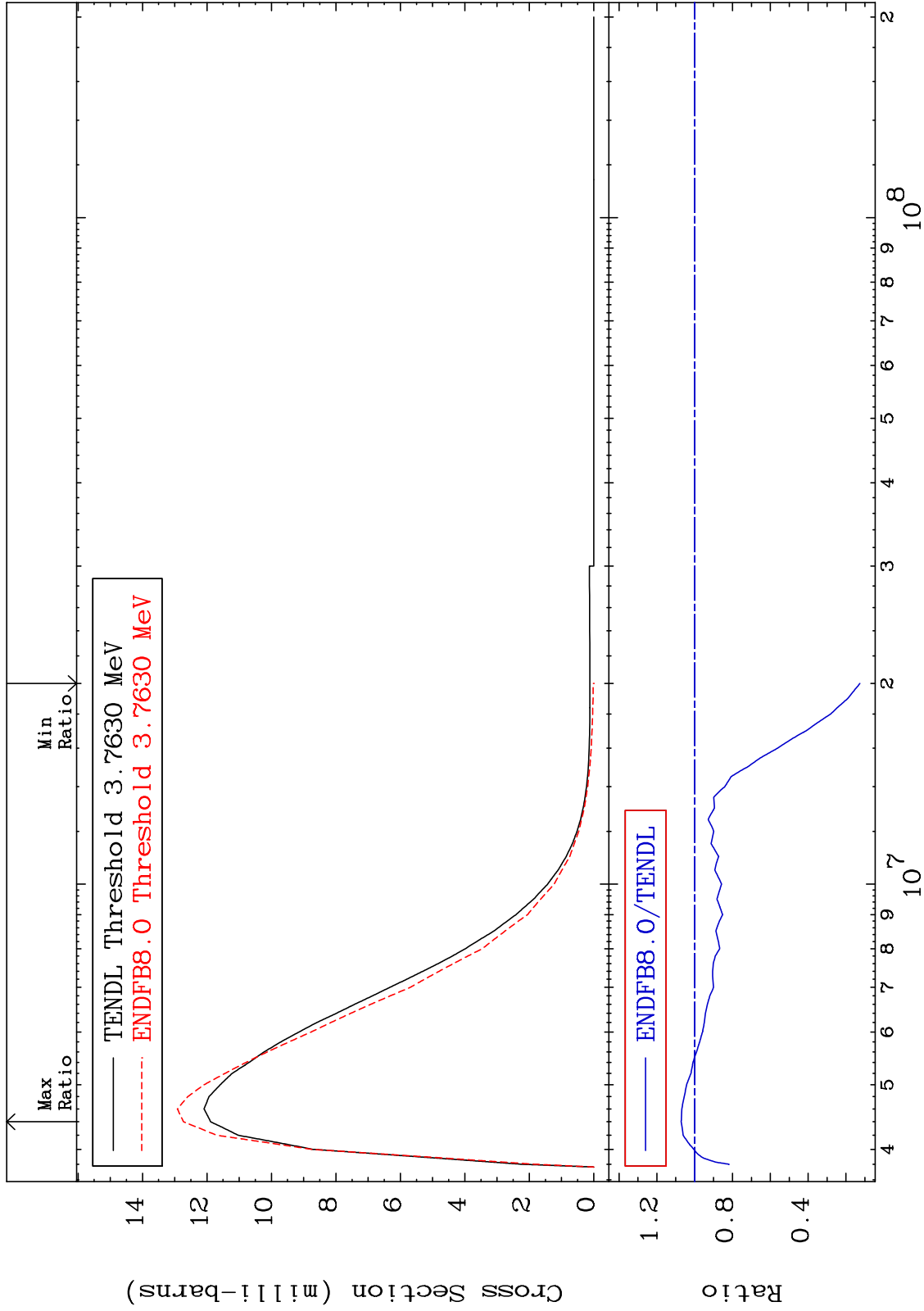
25

17-Cl-36

MAT 1728

MT= 72 (n,n') Level
Cross Section

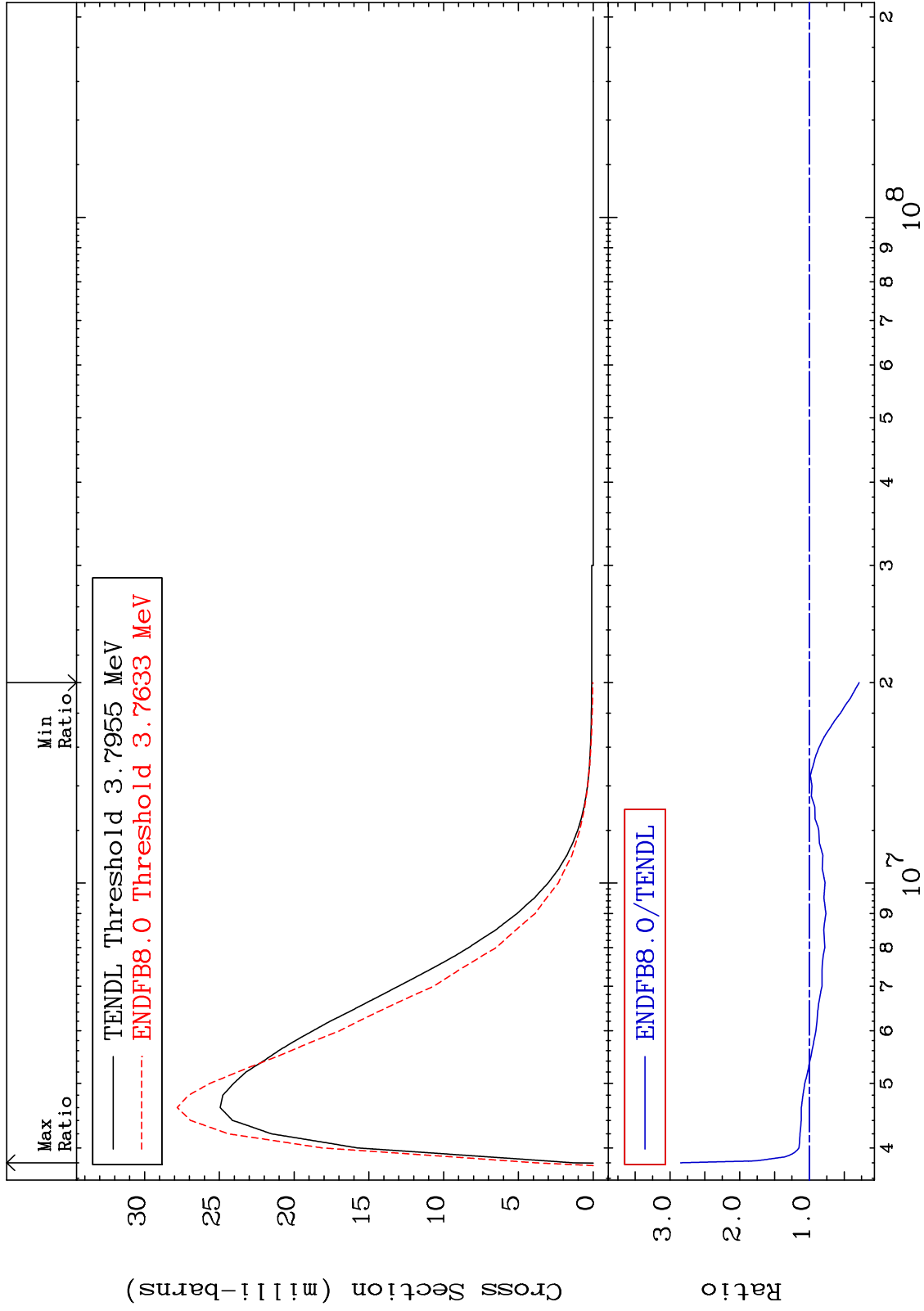
17-Cl-36
-87.37 To 7.118 %



MAT 1728

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

17-Cl-36
-71.47 To 184.8 %



27

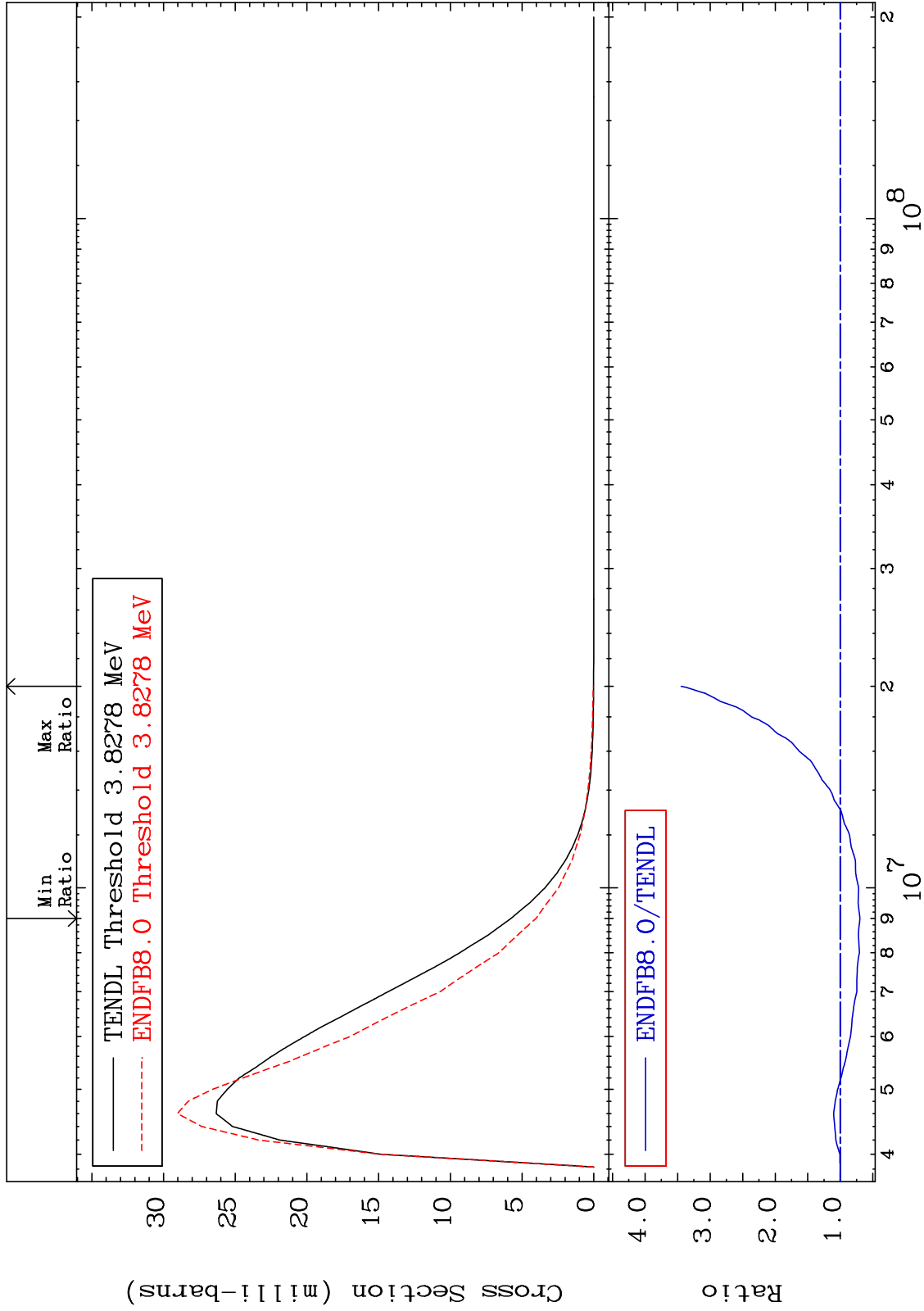
Incident Energy (eV)

17-Cl-36

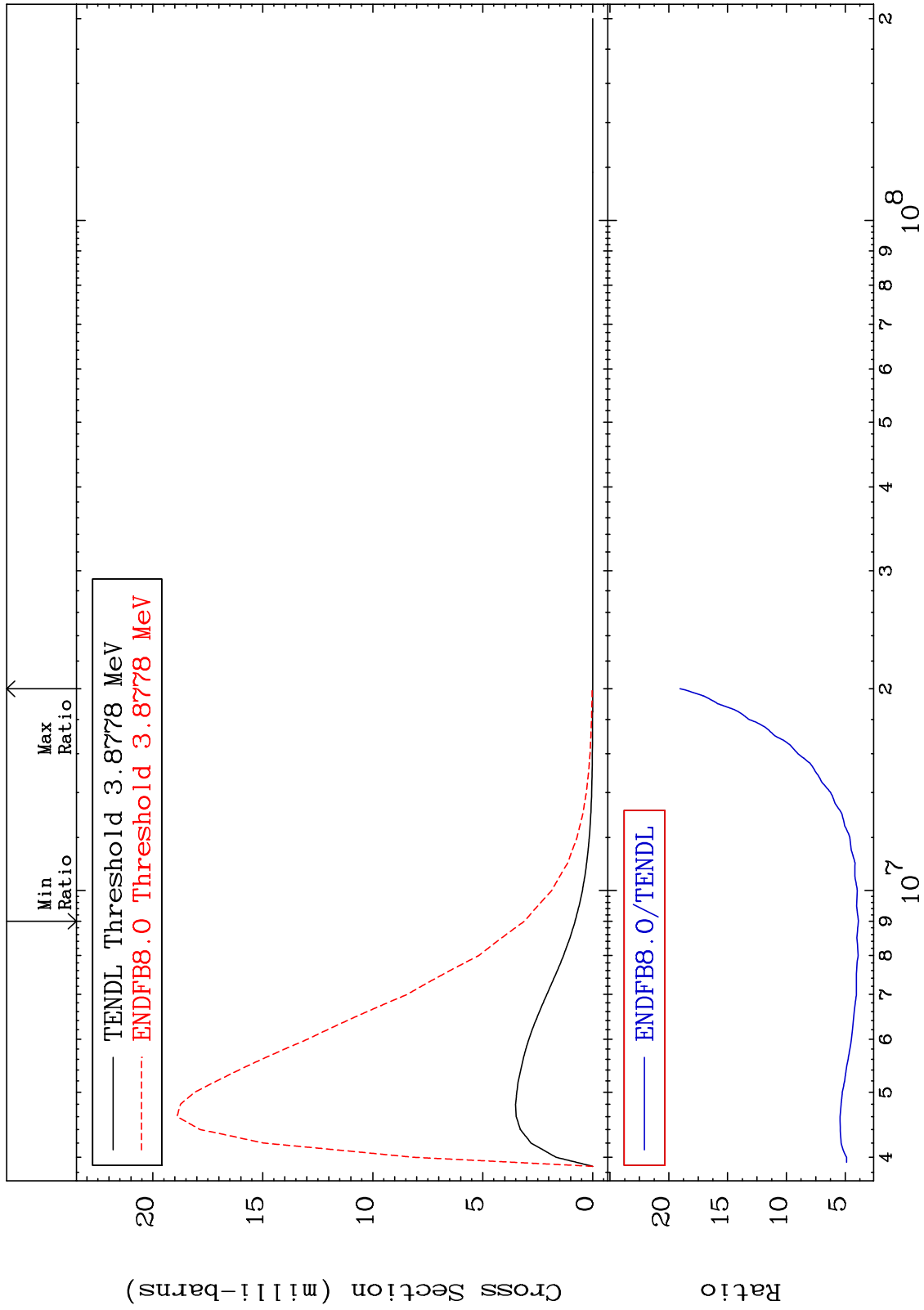
MAT 1728

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

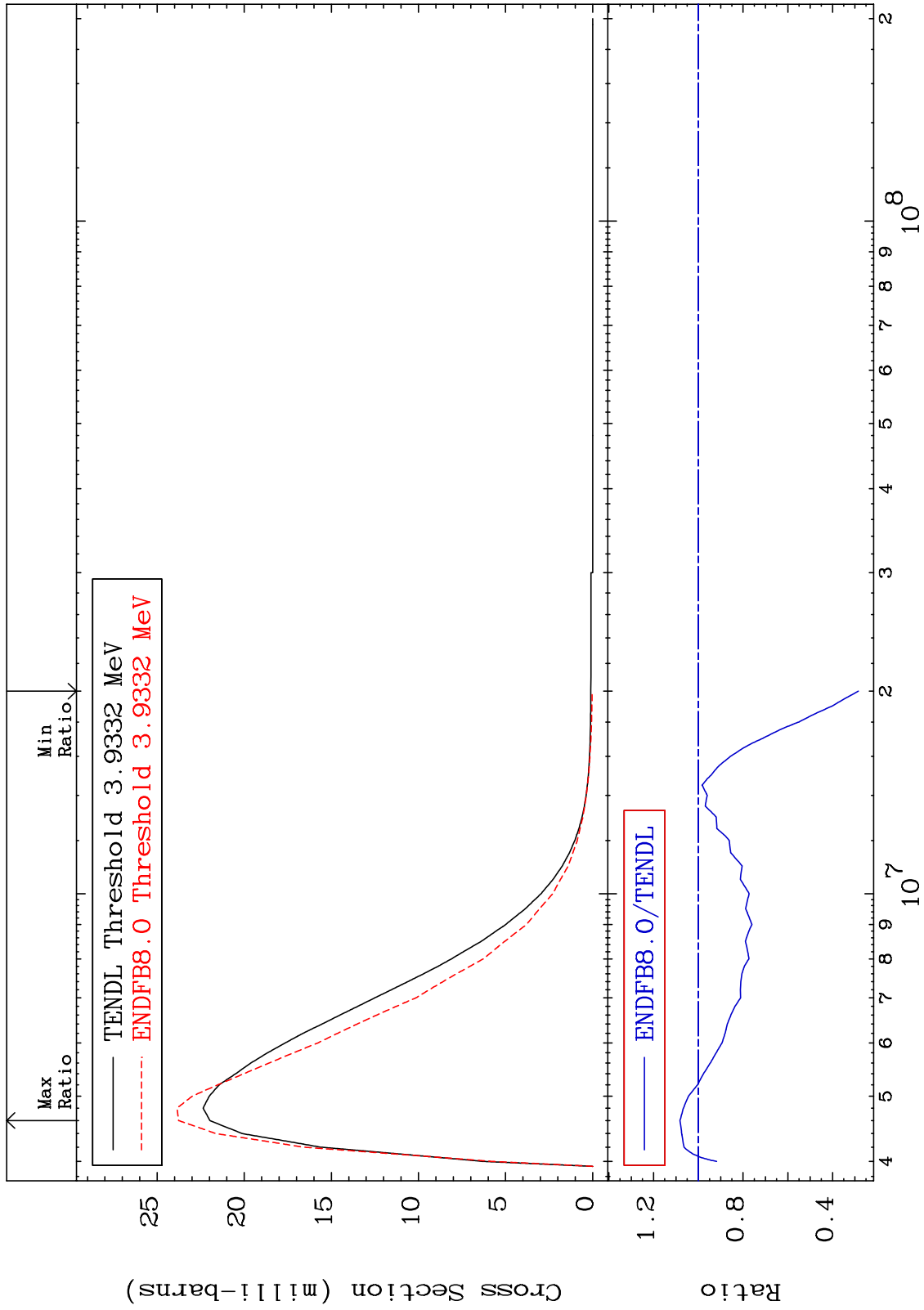
17-Cl-36
-30.18 To 244.5 %



MAT 1728 MT= 75 (n,n') Level Cross Section 17-Cl-36 287.7 To 1805. %



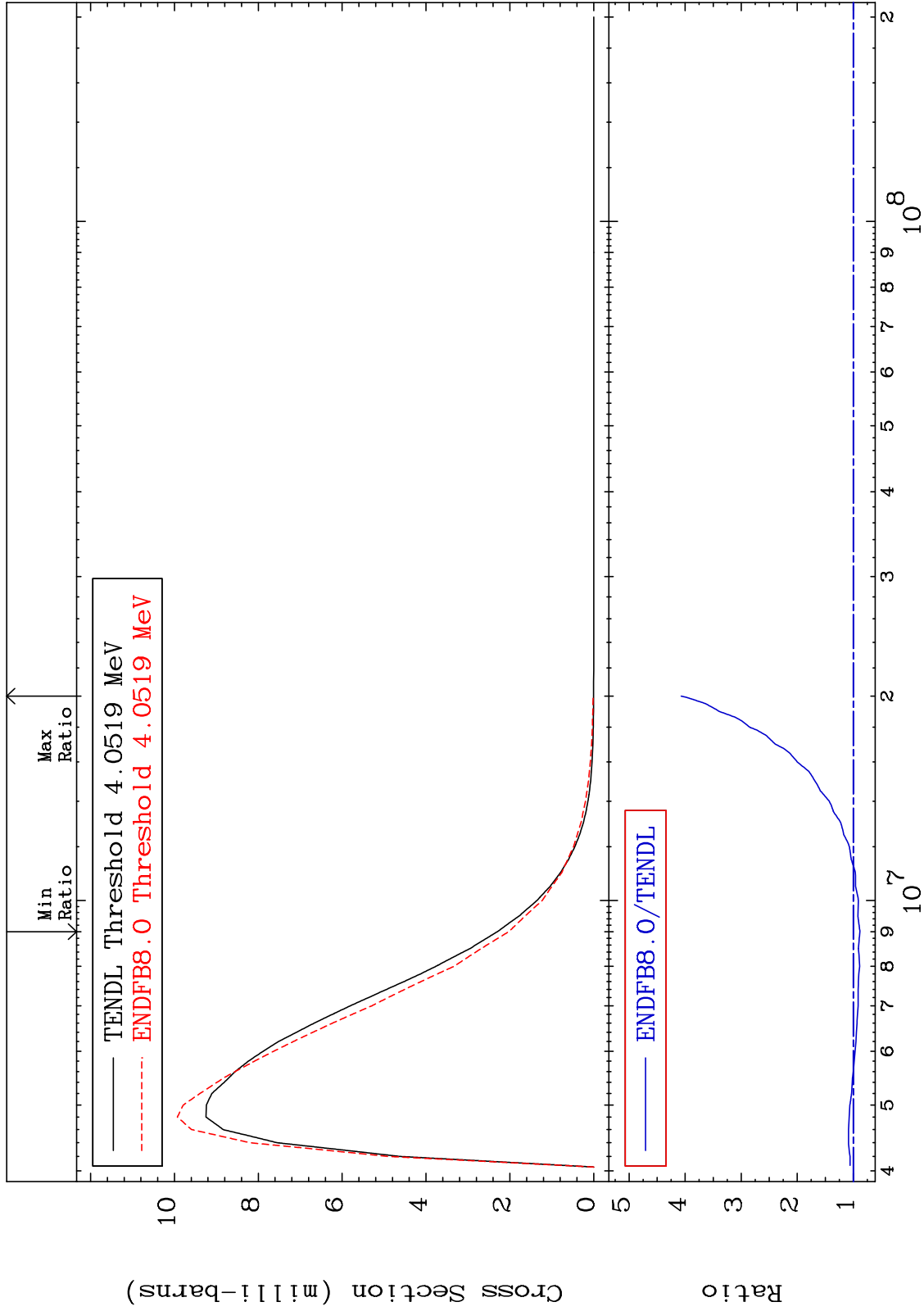
MAT 1728 MT= 76 (n,n') Level Cross Section 17-Cl-36
 -71.56 To 8.189 %



MAT 1728

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

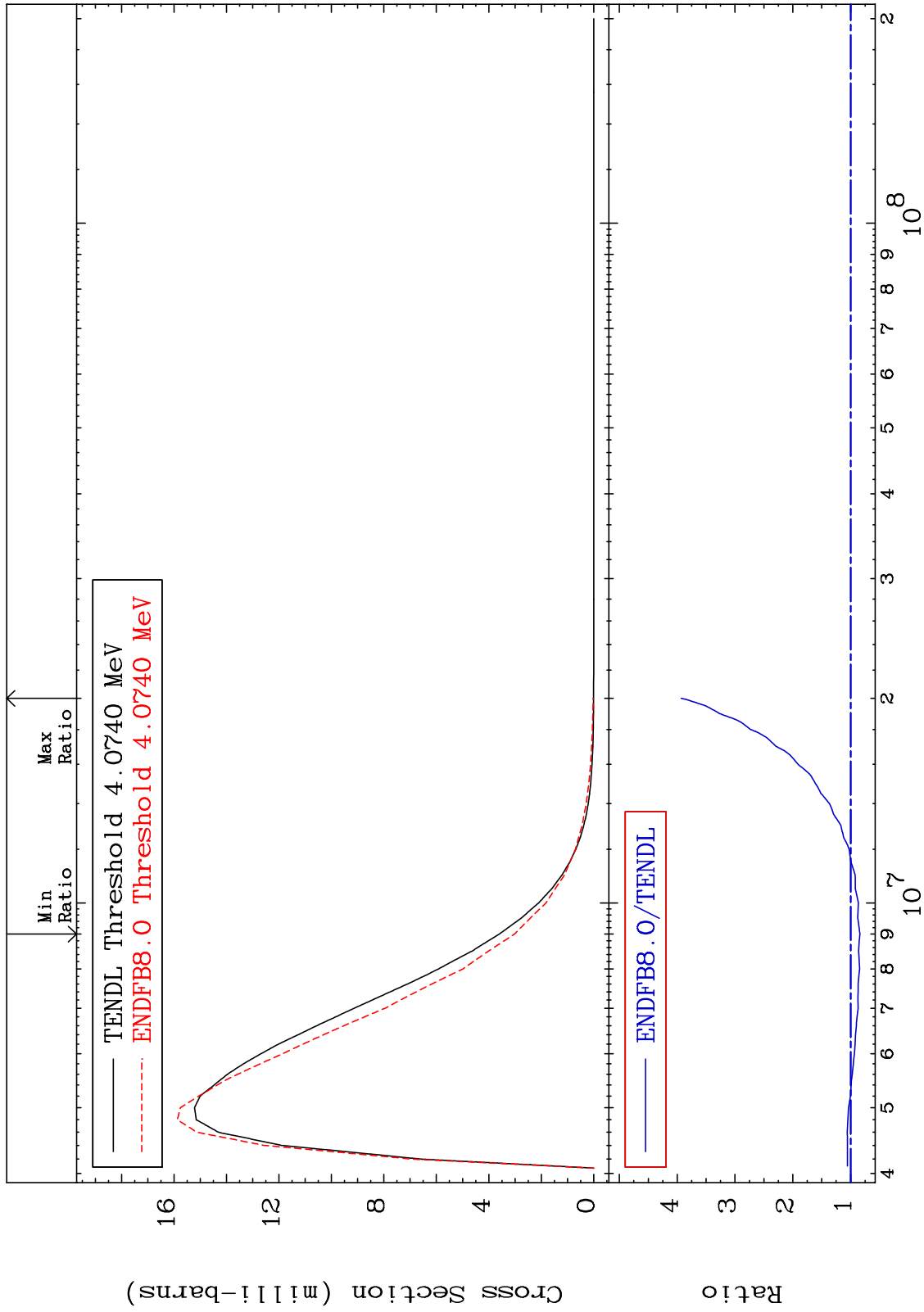
17-Cl-36
-11.86 To 307.0 %



MAT 1728

MT= 78 (n,n') Level
Cross Section

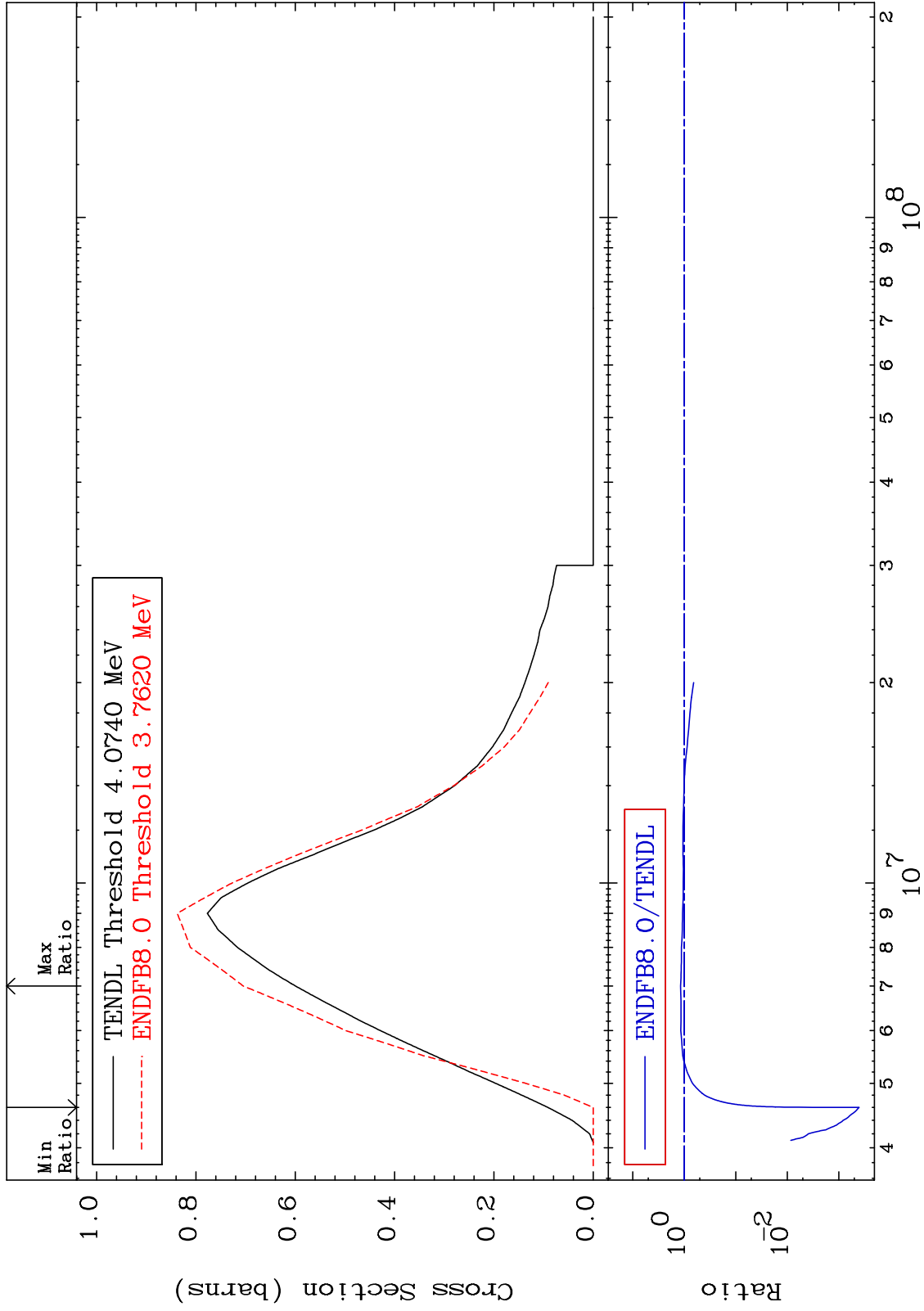
17-Cl-36
-16.11 To 293.0 %



MAT 1728

(n, n') Continuum
Cross Section

17-Cl-36
-99.96 To 17.55 %



33

Incident Energy (eV)

17-Cl-36

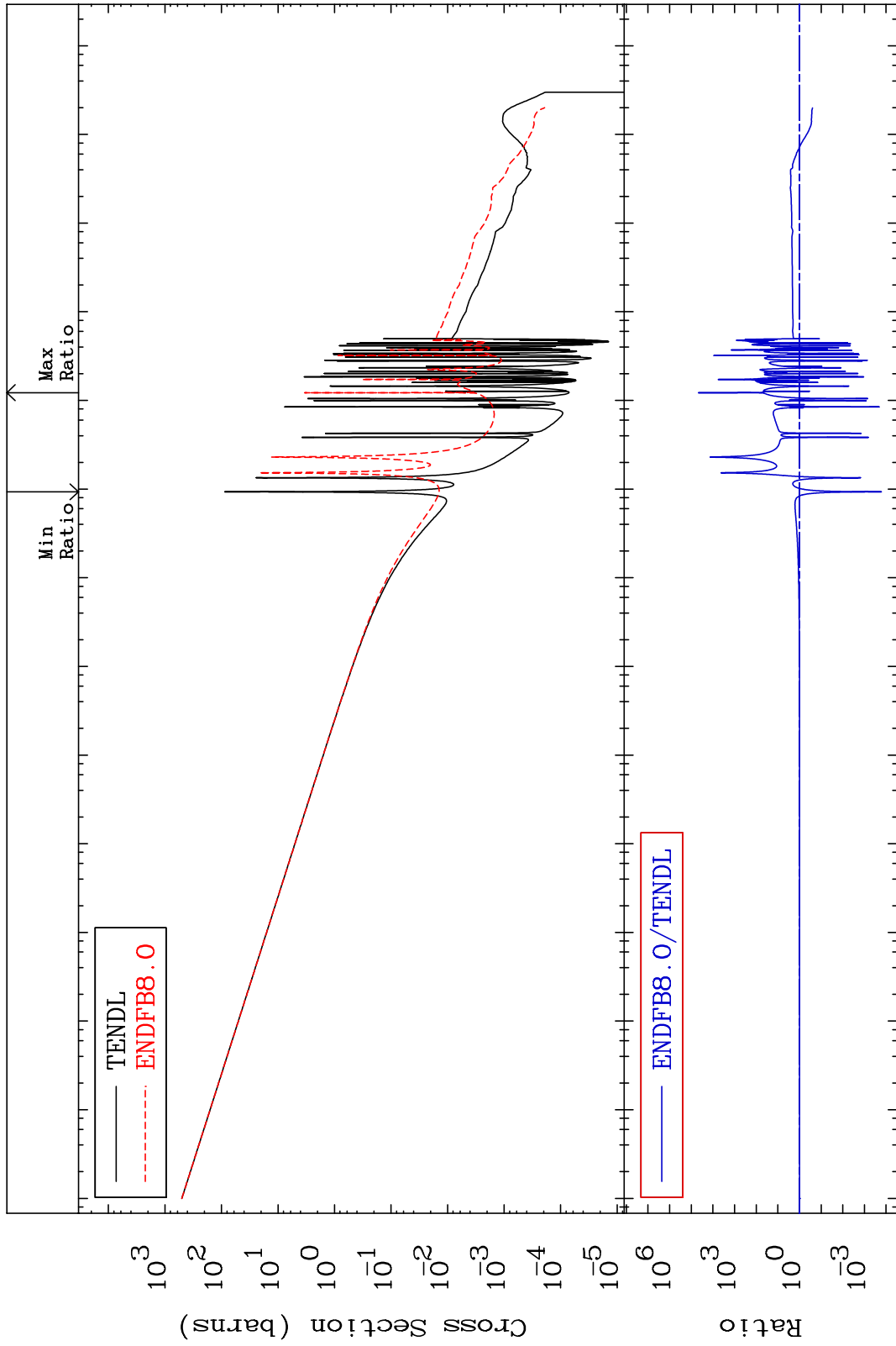
MAT 1728

(n, γ)

17-Cl-36

Cross Section

-99.98 To 9999. %



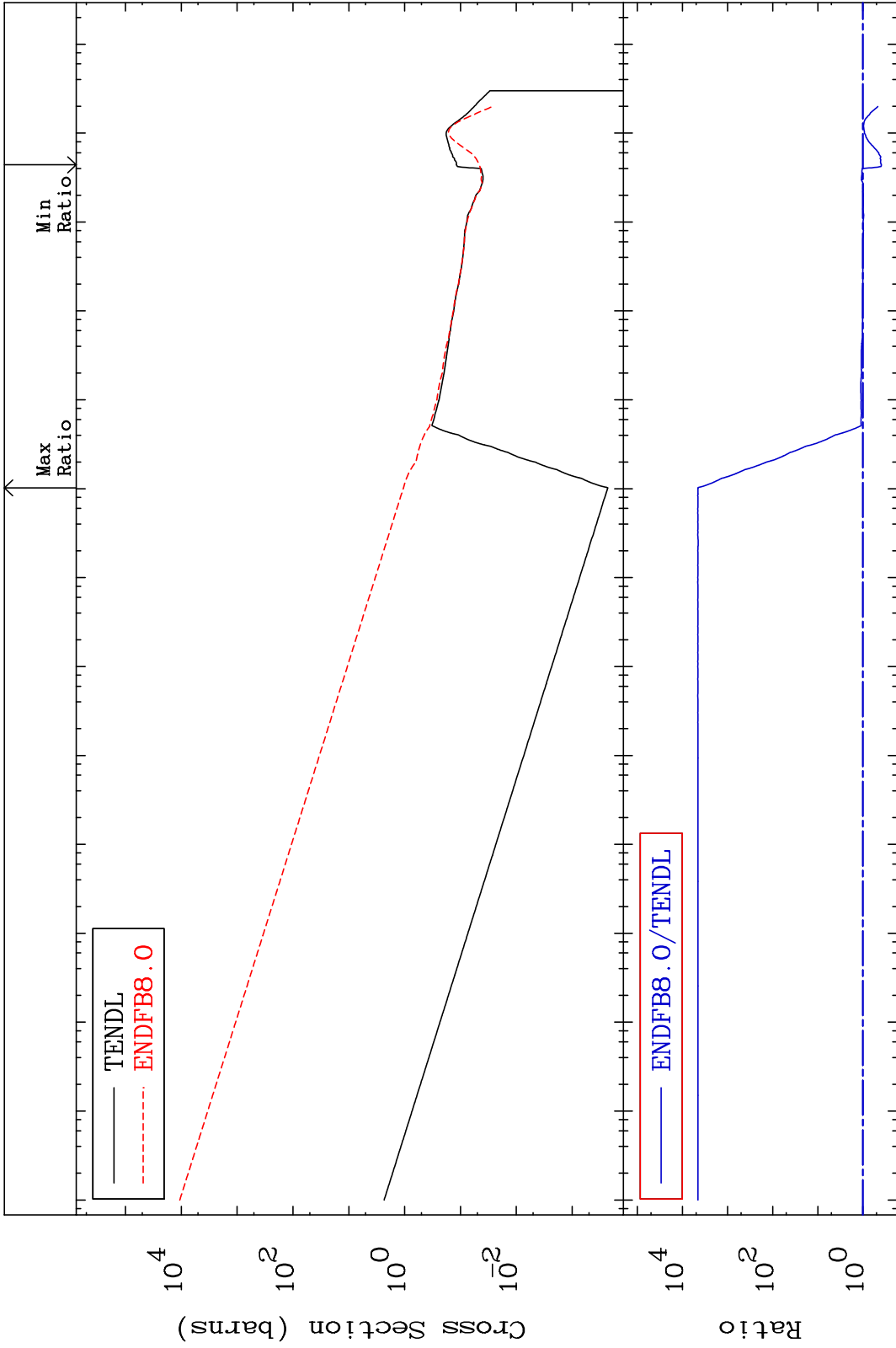
MAT 1728

(n,p)

17-Cl-36

-61.36 To 9999. %

Cross Section



35

Incident Energy (eV)

17-Cl-36

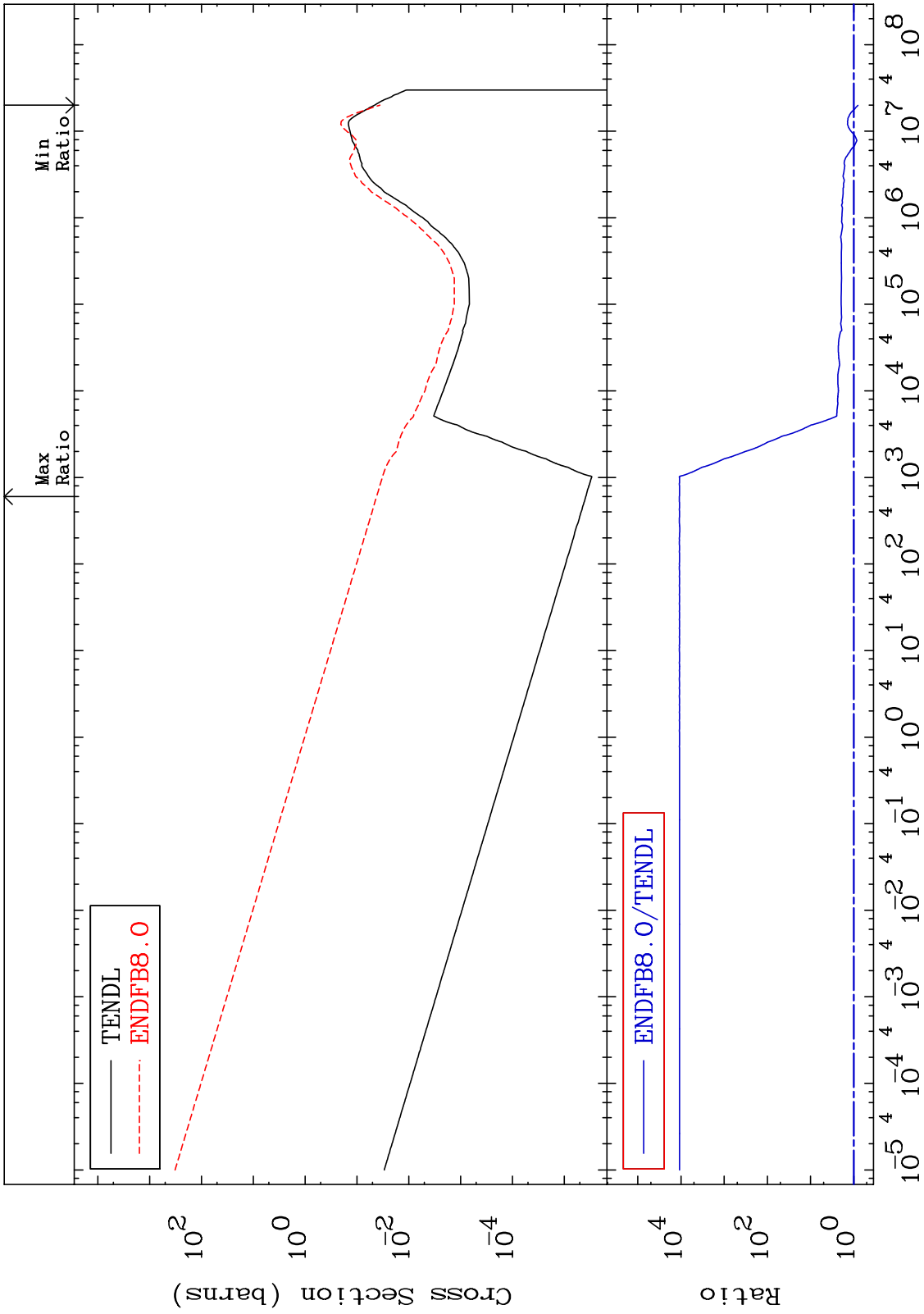
MAT 1728

(n, α)

17-Cl-36

-21.43 To 9999. %

Cross Section

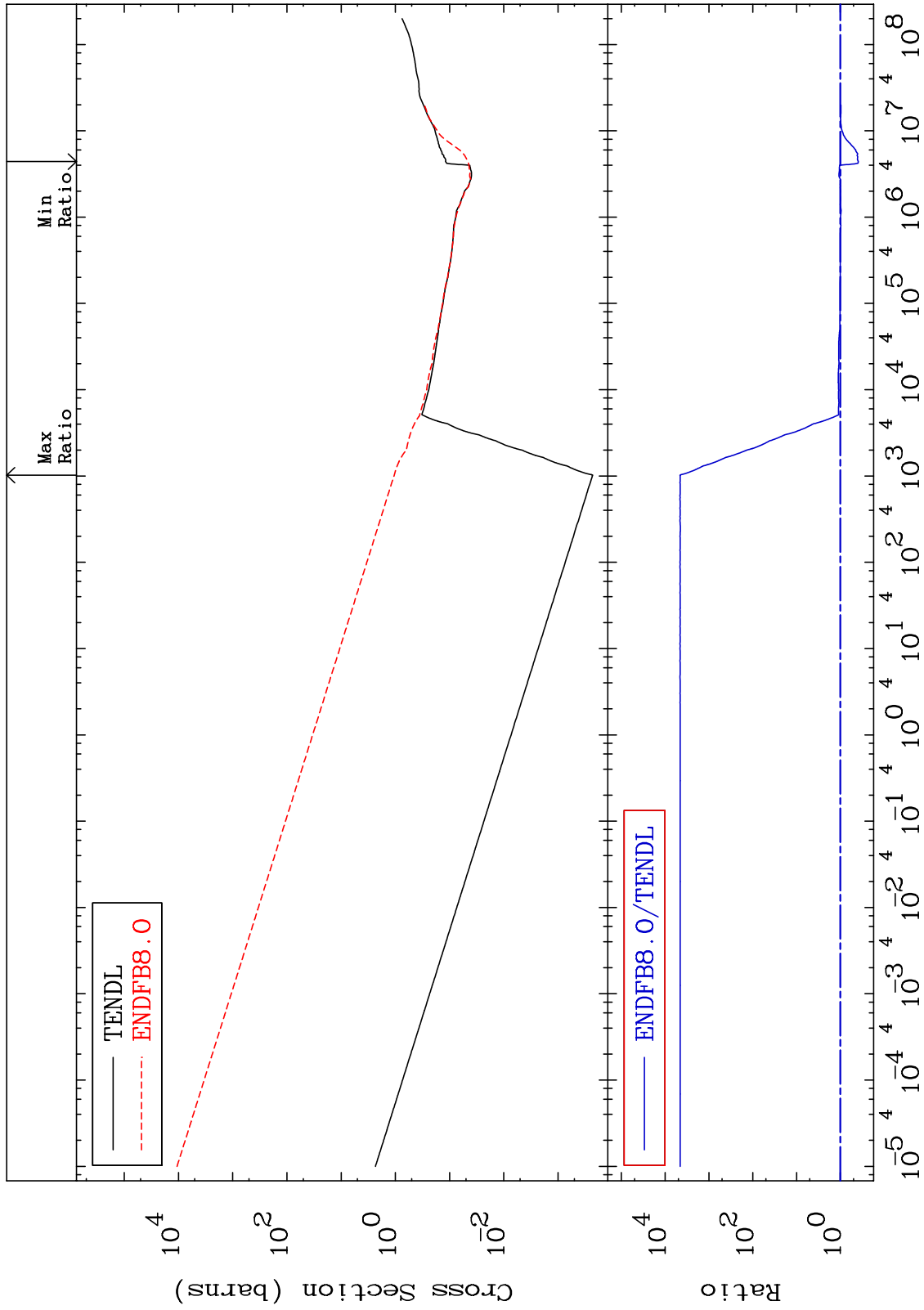


36

MAT 1728

Hydrogen Production
Cross Section

17-Cl-36
-61.36 To 9999. %



37

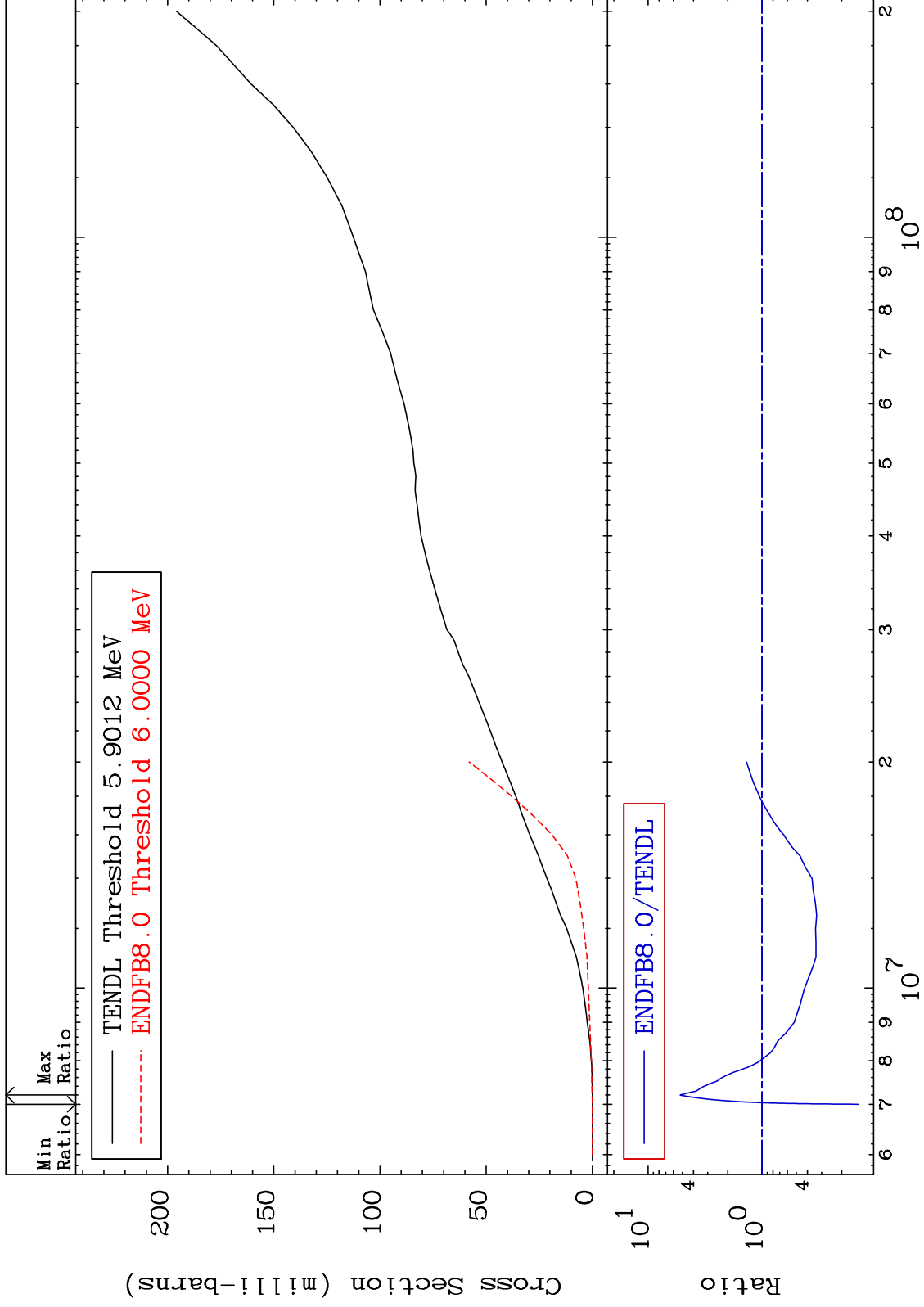
Incident Energy (eV)

17-Cl-36

MAT 1728

Deuterium Production
Cross Section

17-Cl-36
-85.72 To 426.4 %



38

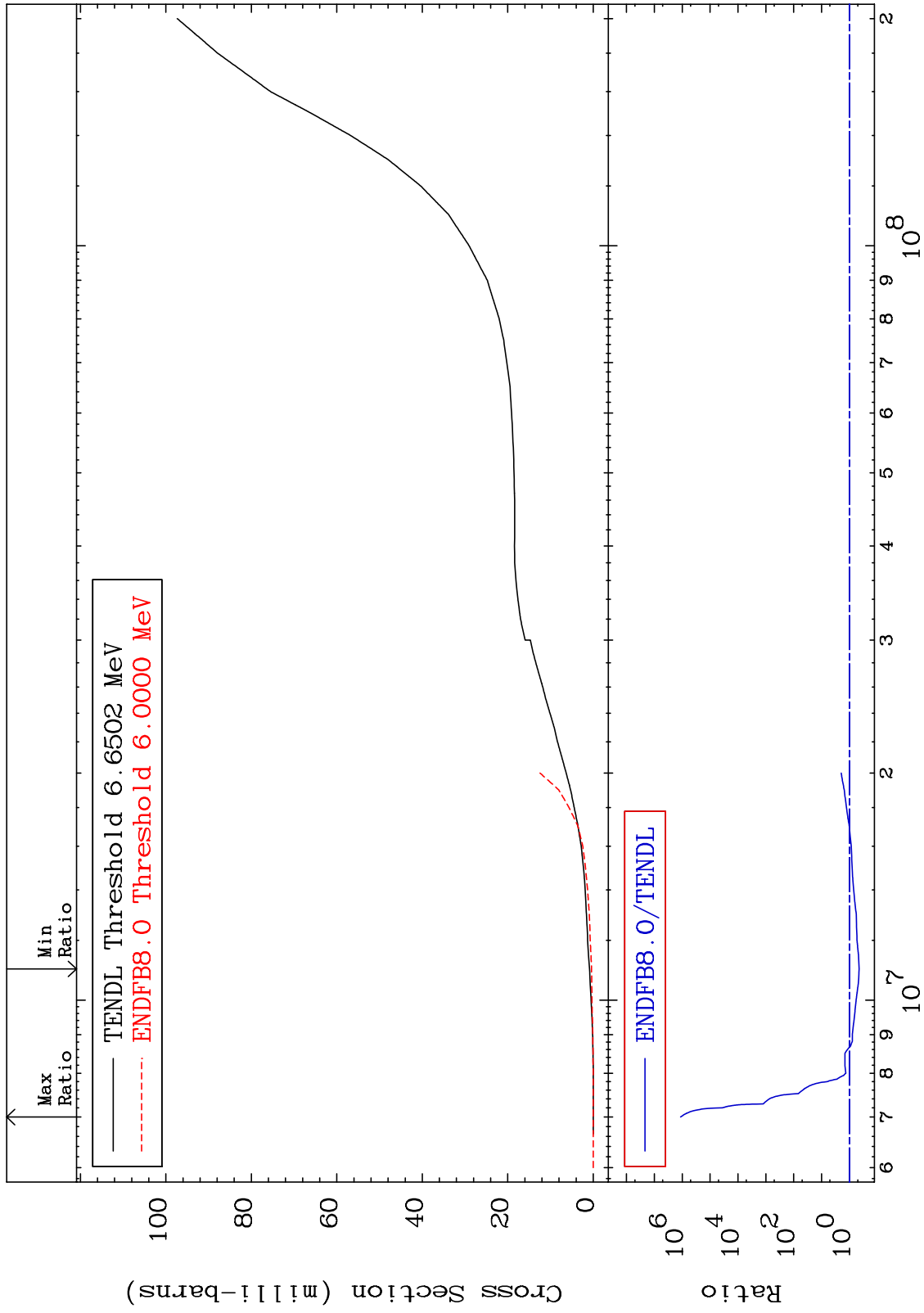
Incident Energy (eV)

17-Cl-36

MAT 1728

Tritium Production
Cross Section

17-Cl-36
-55.31 To 9999. %



39

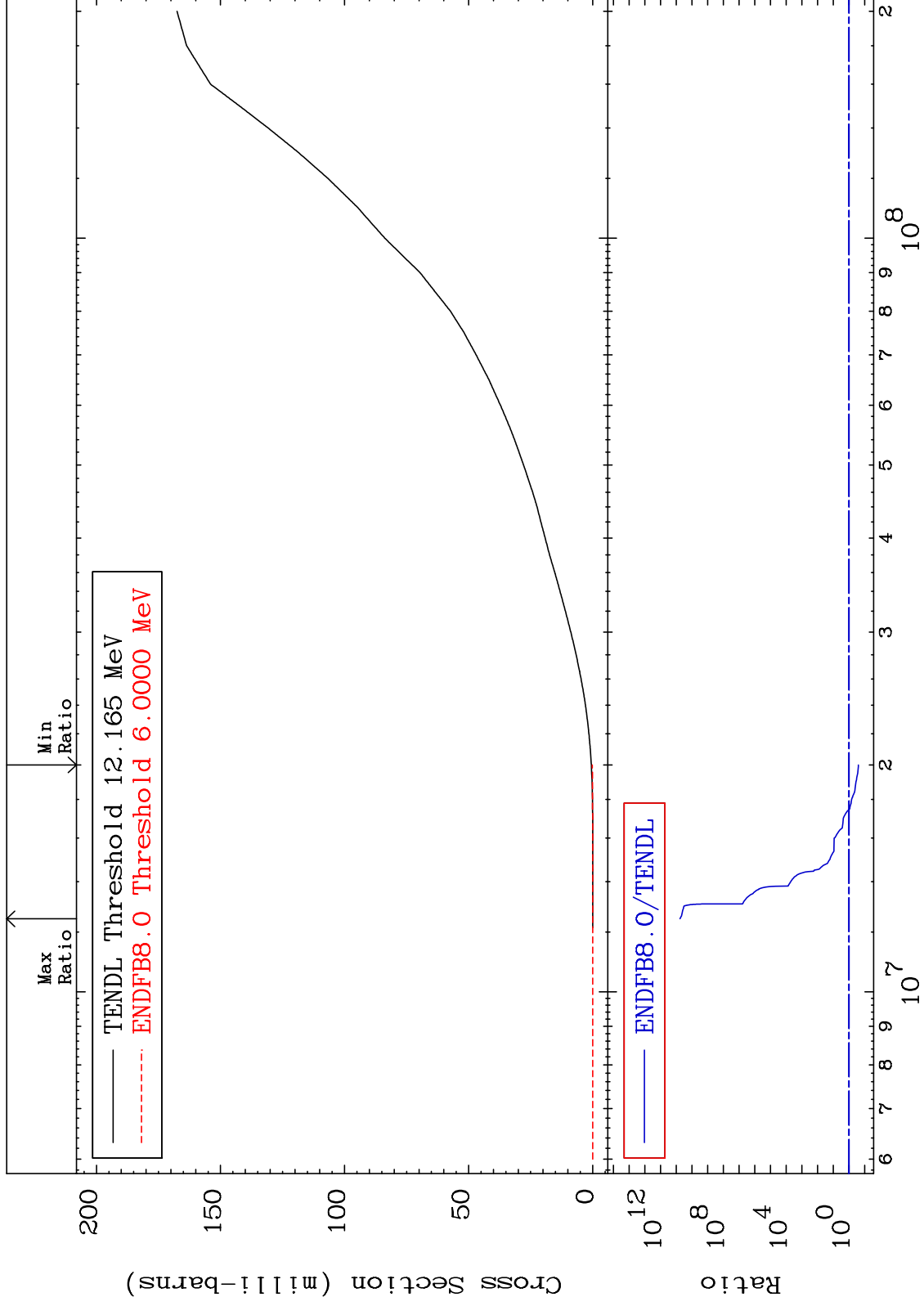
Incident Energy (eV)

17-Cl-36

MAT 1728

He-3 Production
Cross Section

17-Cl-36
-75.23 To 9999. %



40

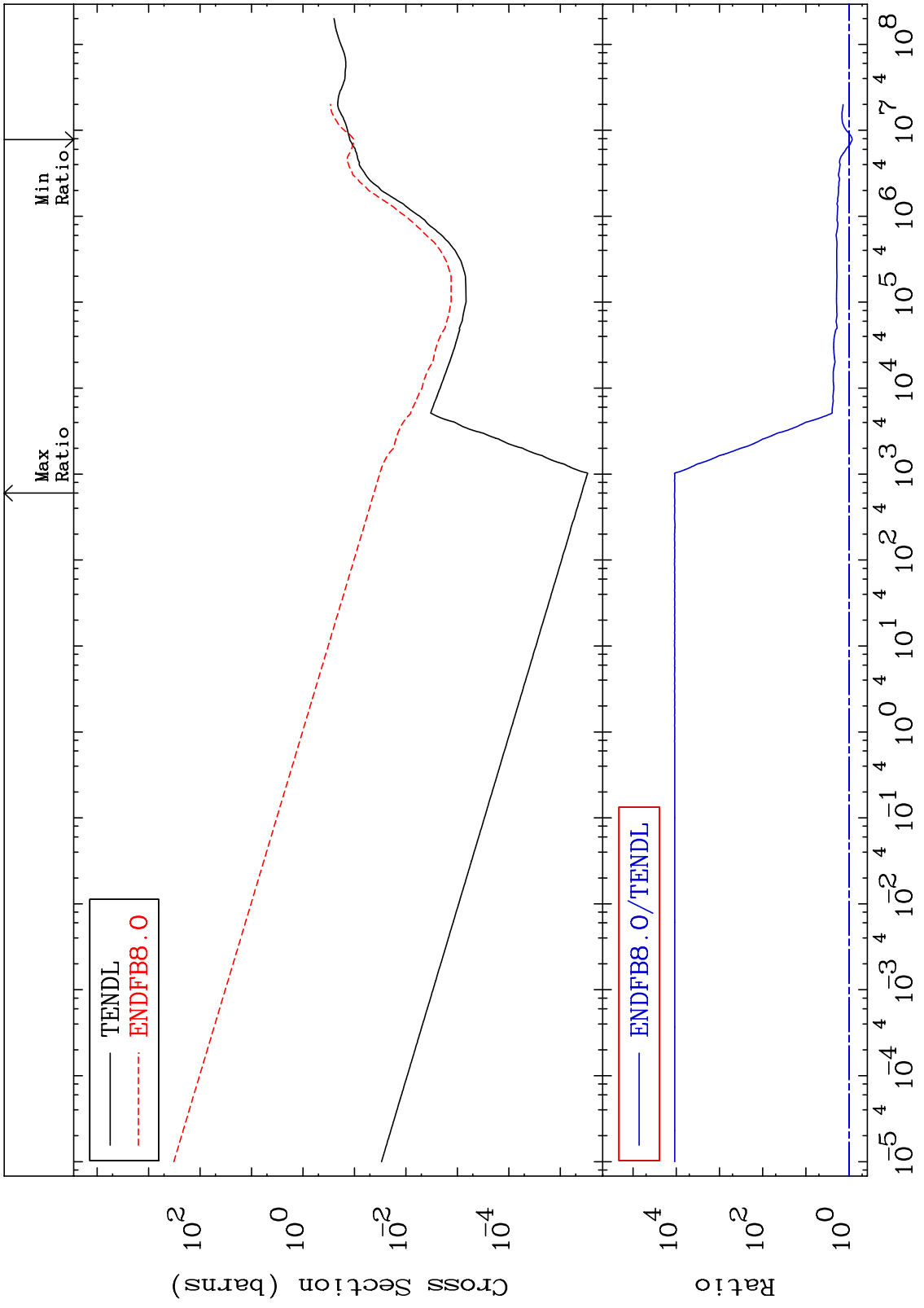
Incident Energy (eV)

17-Cl-36

MAT 1728

He-4 Production
Cross Section

17-Cl-36
-15.23 To 9999. %



41

Incident Energy (eV)

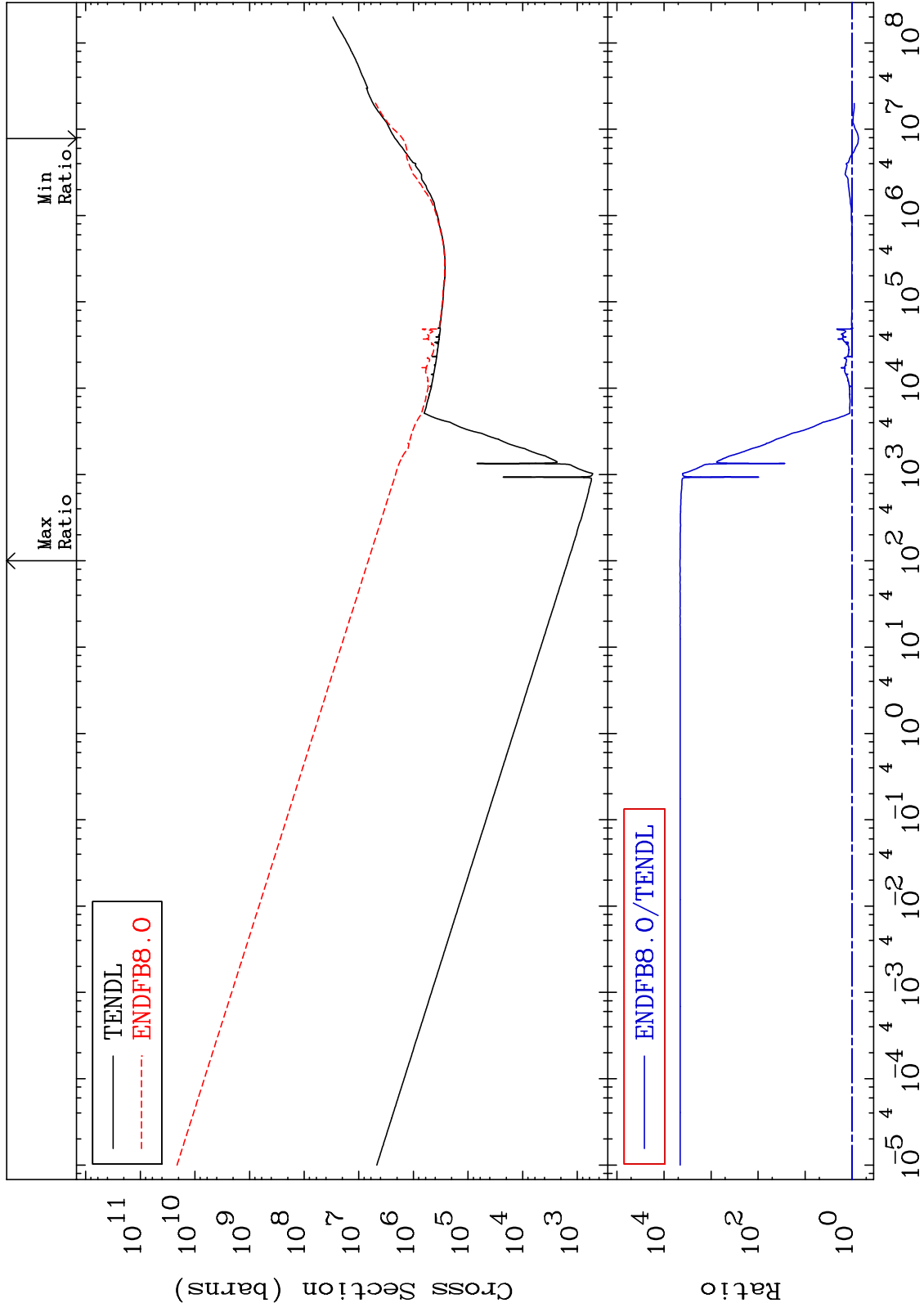
17-Cl-36

MAT 1728

Kerma total (eV-barns)
Cross Section

17-Cl-36

-26.47 To 9999. %



42

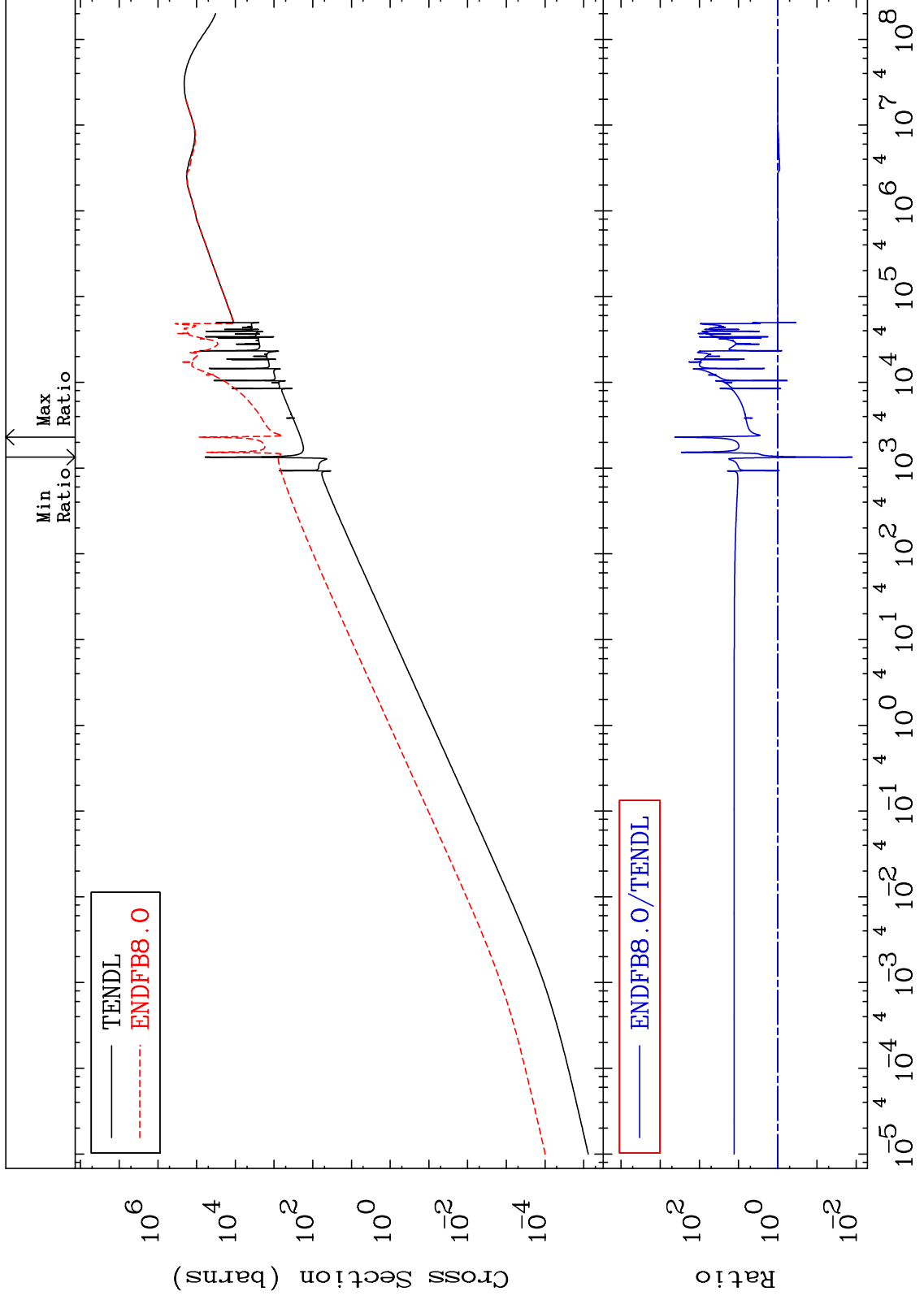
Incident Energy (eV)

17-Cl-36

MAT 1728

Kerma elastic
Cross Section

17-Cl-36
-98.75 To 9999. %



43

Incident Energy (eV)

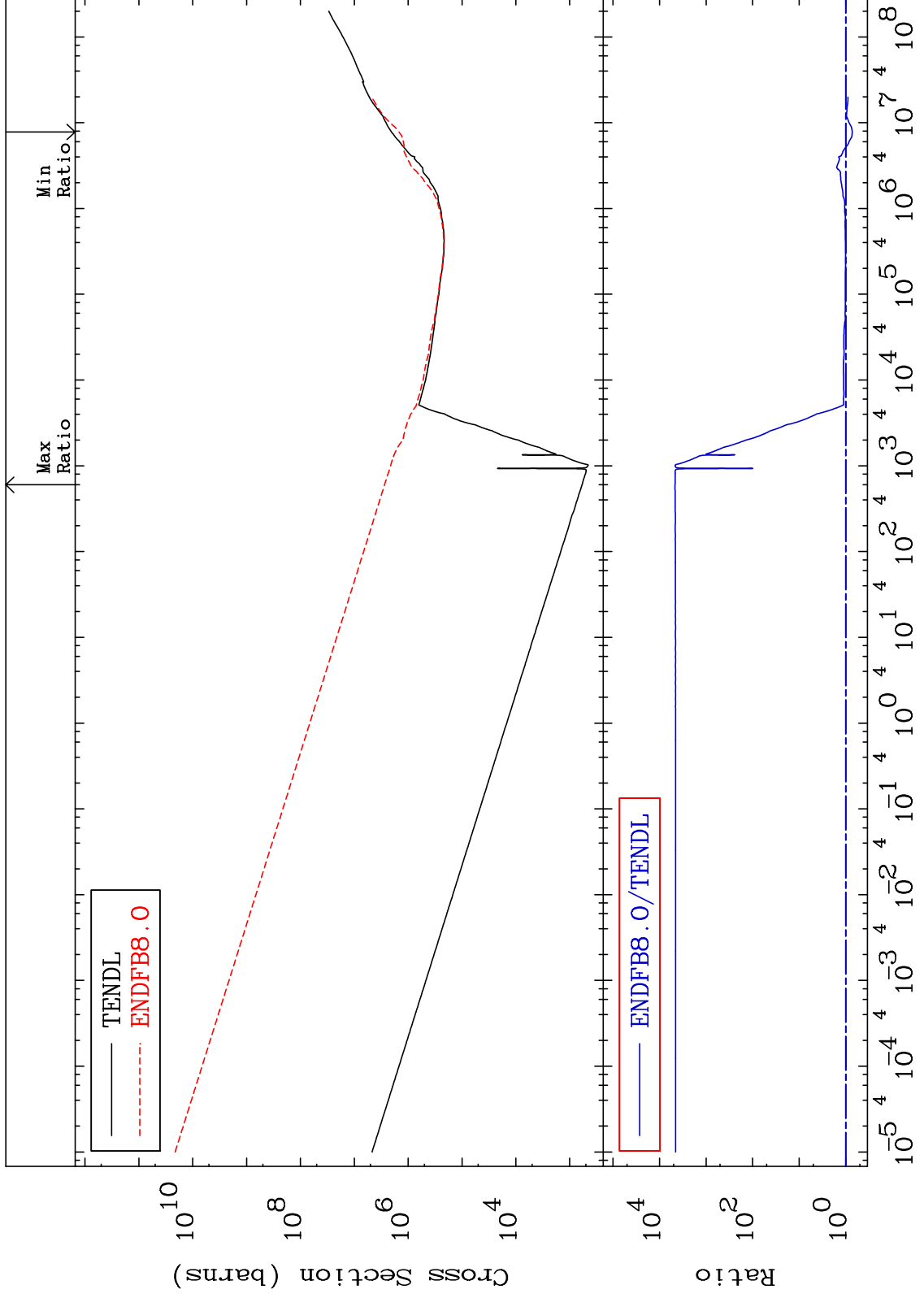
17-Cl-36

MAT 1728

Kerma non-elastic (all but mt2)
Cross Section

17-Cl-36

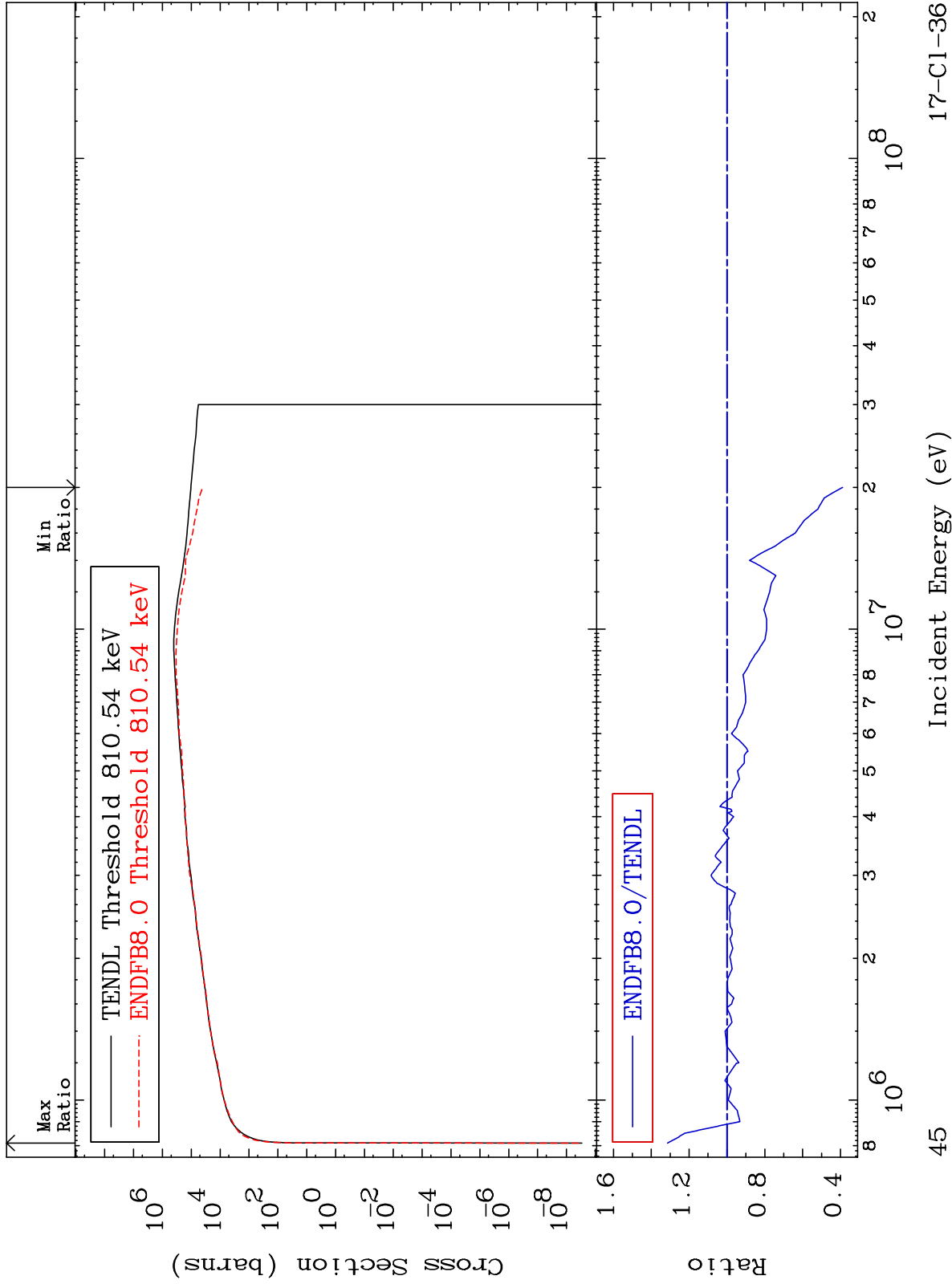
-27.75 To 9999. %



MAT 1728

Kerma inelastic (mt51-91)
Cross Section

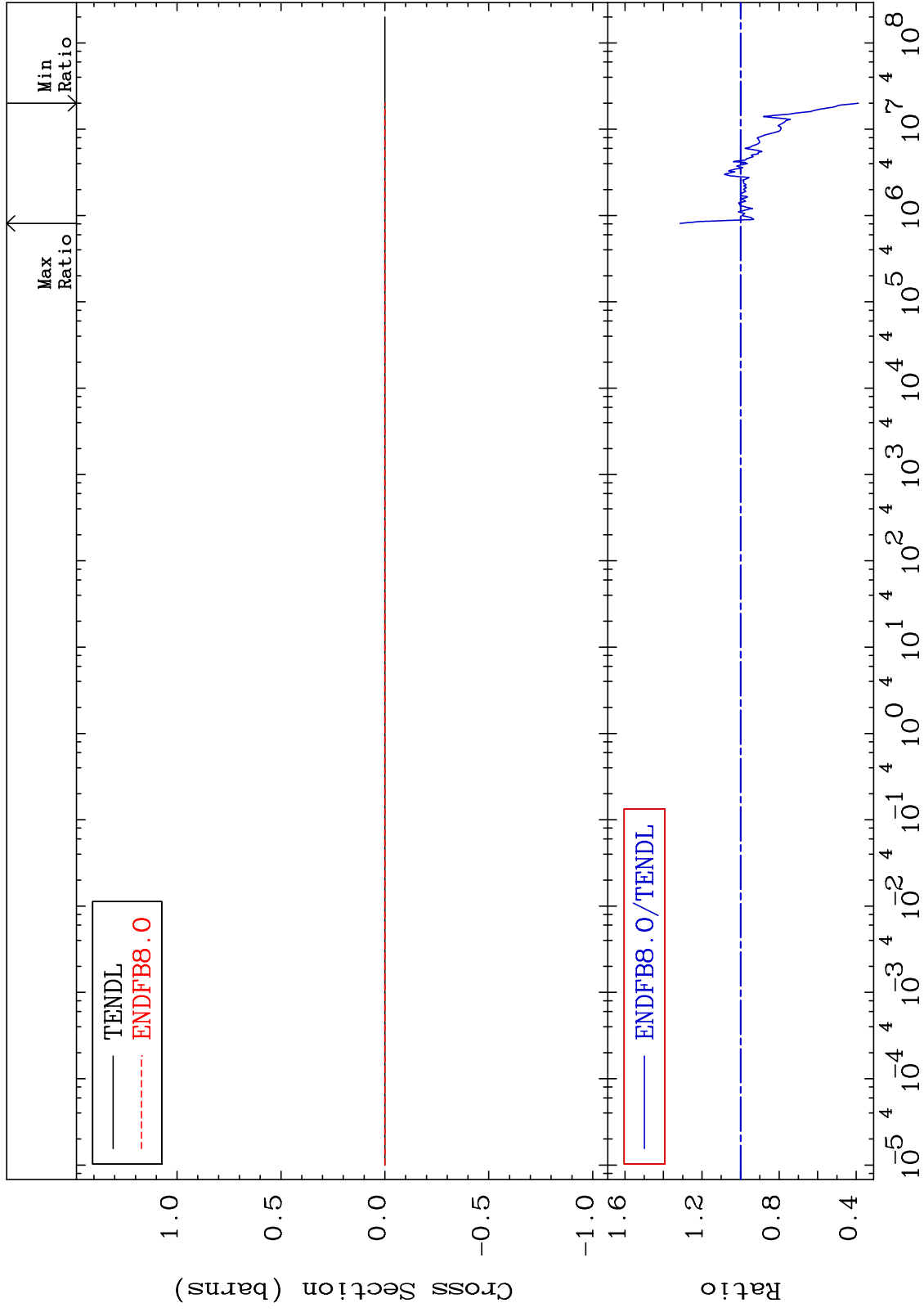
17-Cl-36
-61.16 To 31.41 %



MAT 1728

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

17-CI-36
-61.16 To 31.41 %



46

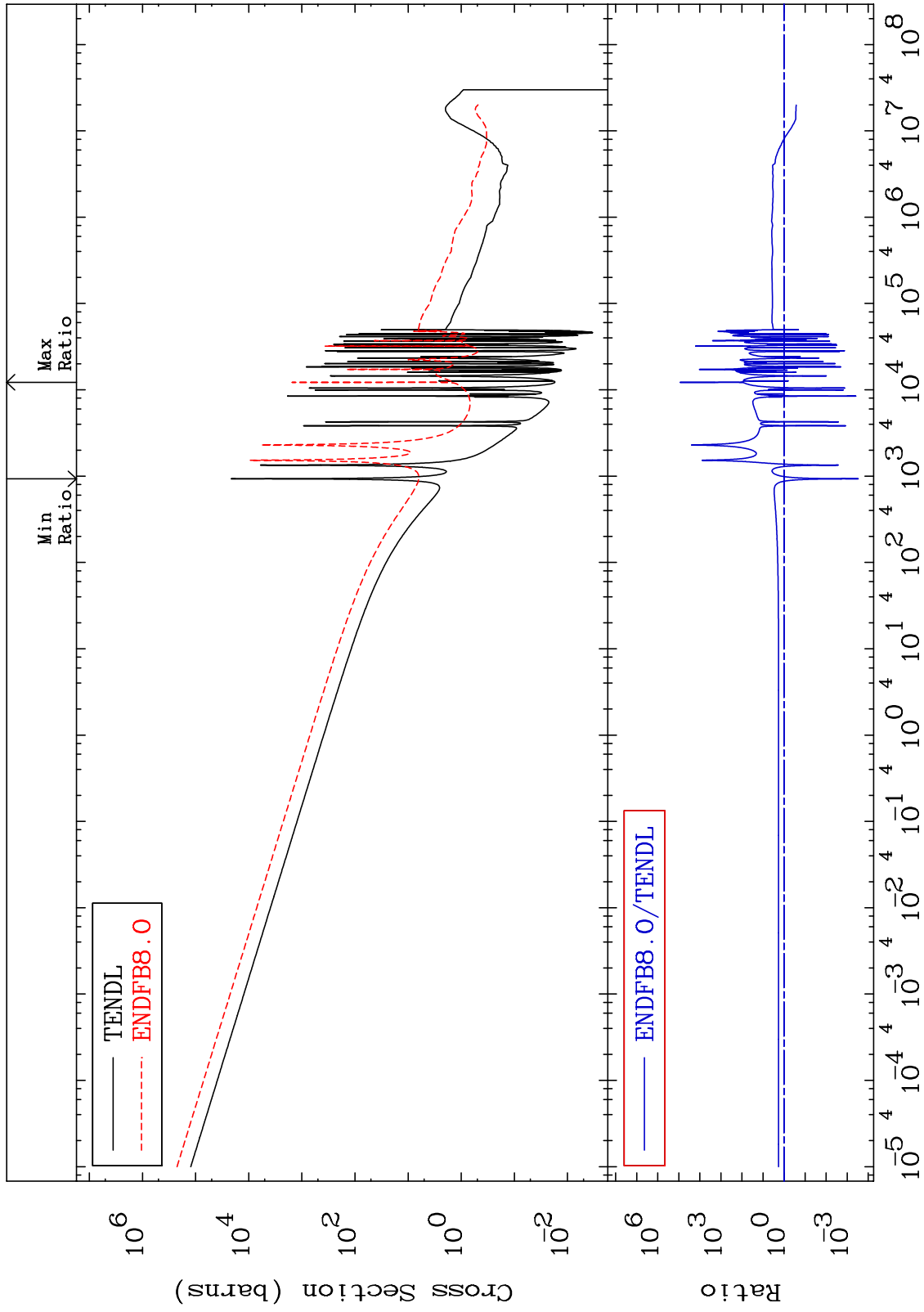
Incident Energy (eV)

17-CI-36

MAT 1728

Kerma capture (mt102)
Cross Section

17-Cl-36
-99.97 To 9999. %



47

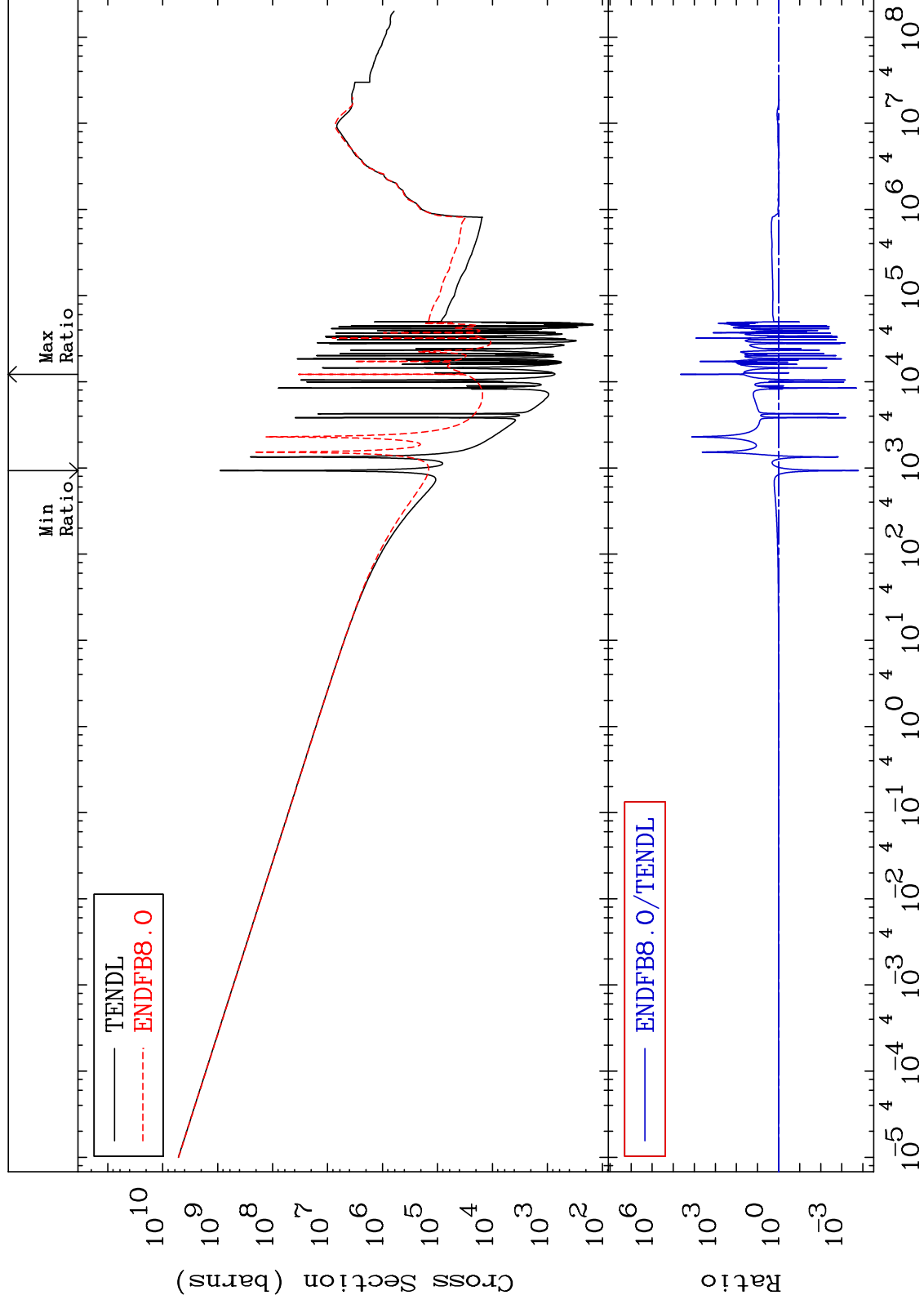
Incident Energy (eV)

17-Cl-36

MAT 1728

Total photon (eV-barns)
Cross Section

17-Cl-36
-99.98 To 9999. %



48

Incident Energy (eV)

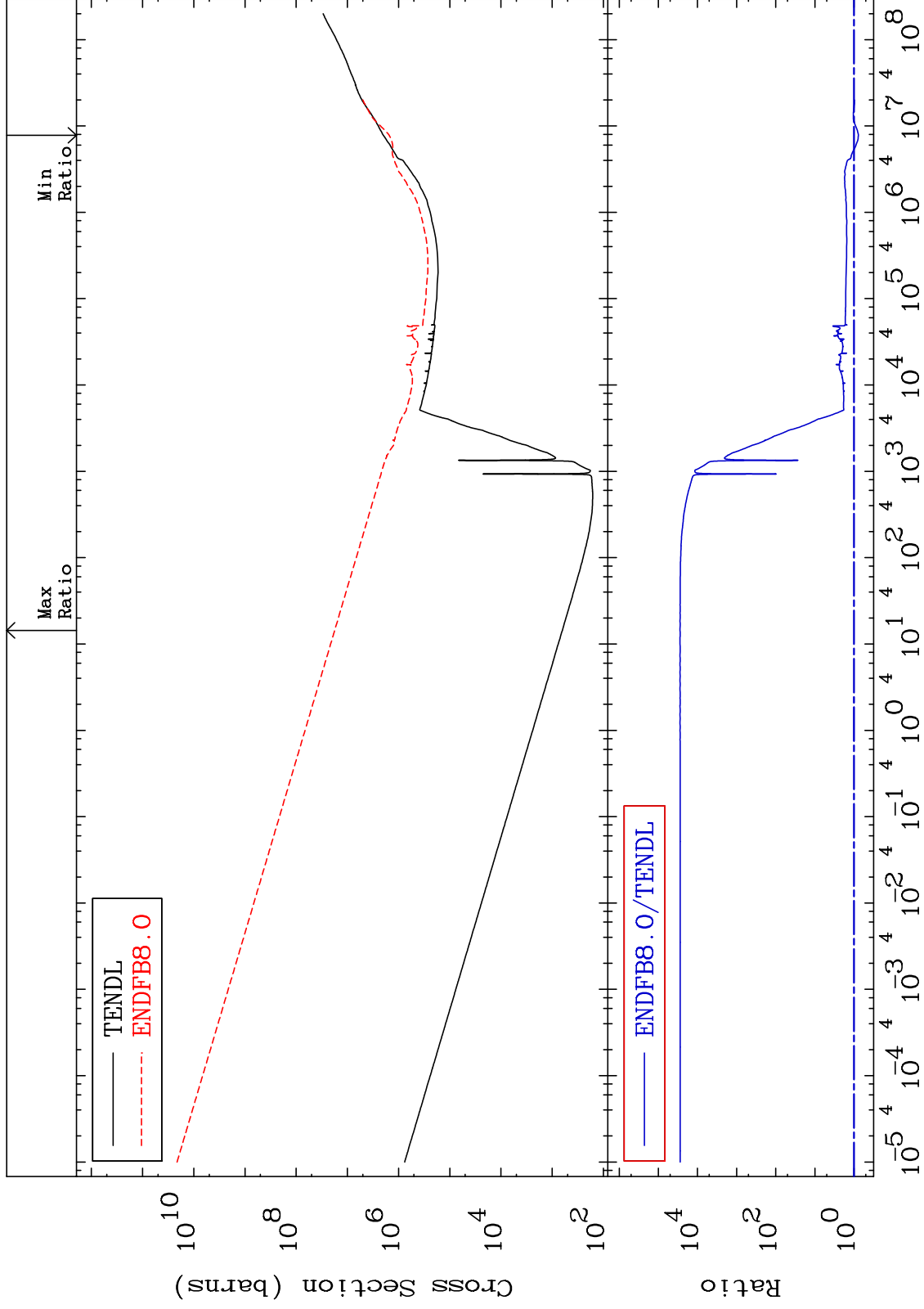
17-Cl-36

MAT 1728

Total kinematic kerma (high limit)
Cross Section

17-Cl-36

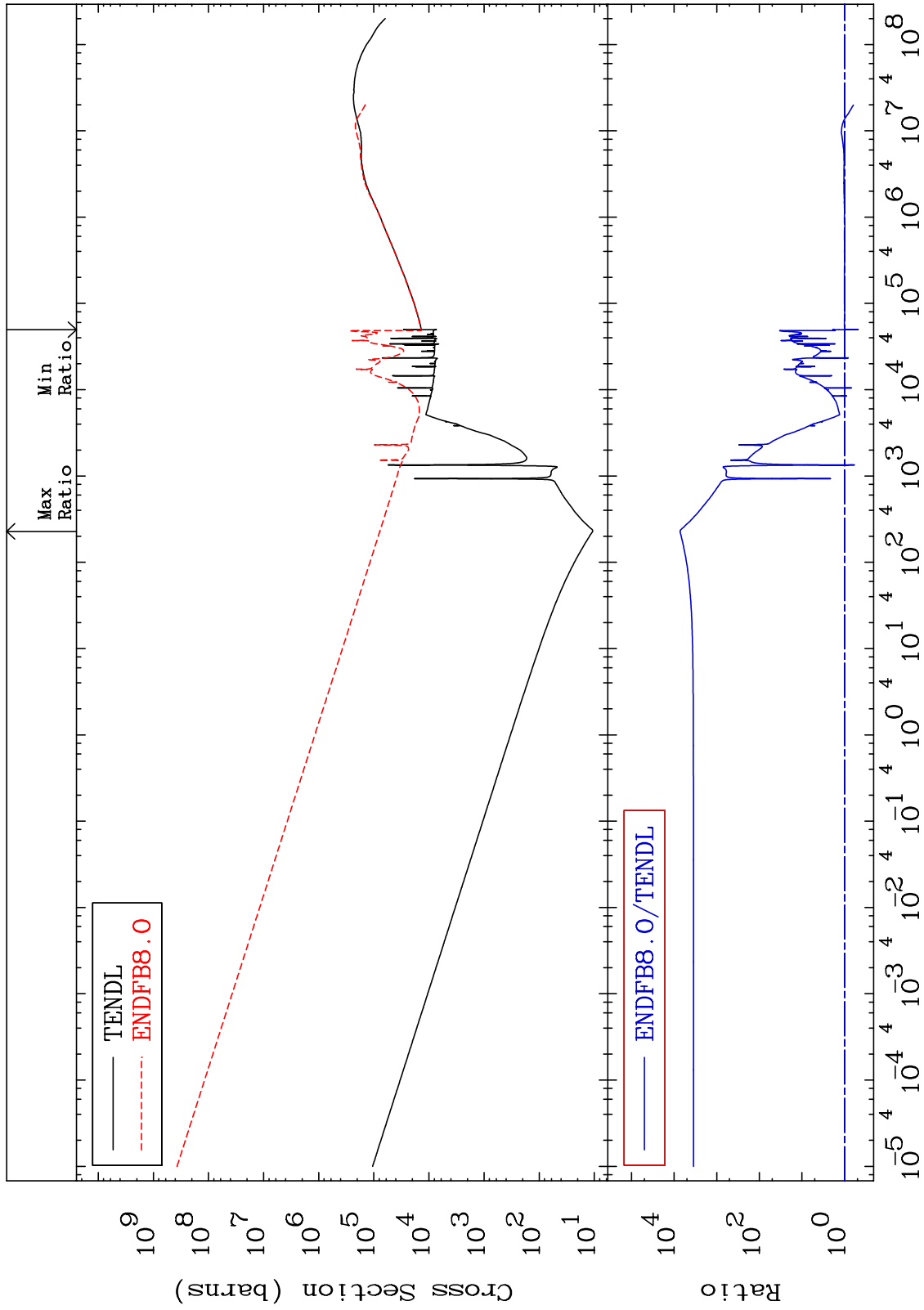
-22.99 To 9999. %



MAT 1728

Dpa total (eV-barns)
Cross Section

17-Cl-36
-52.62 To 9999. %



50

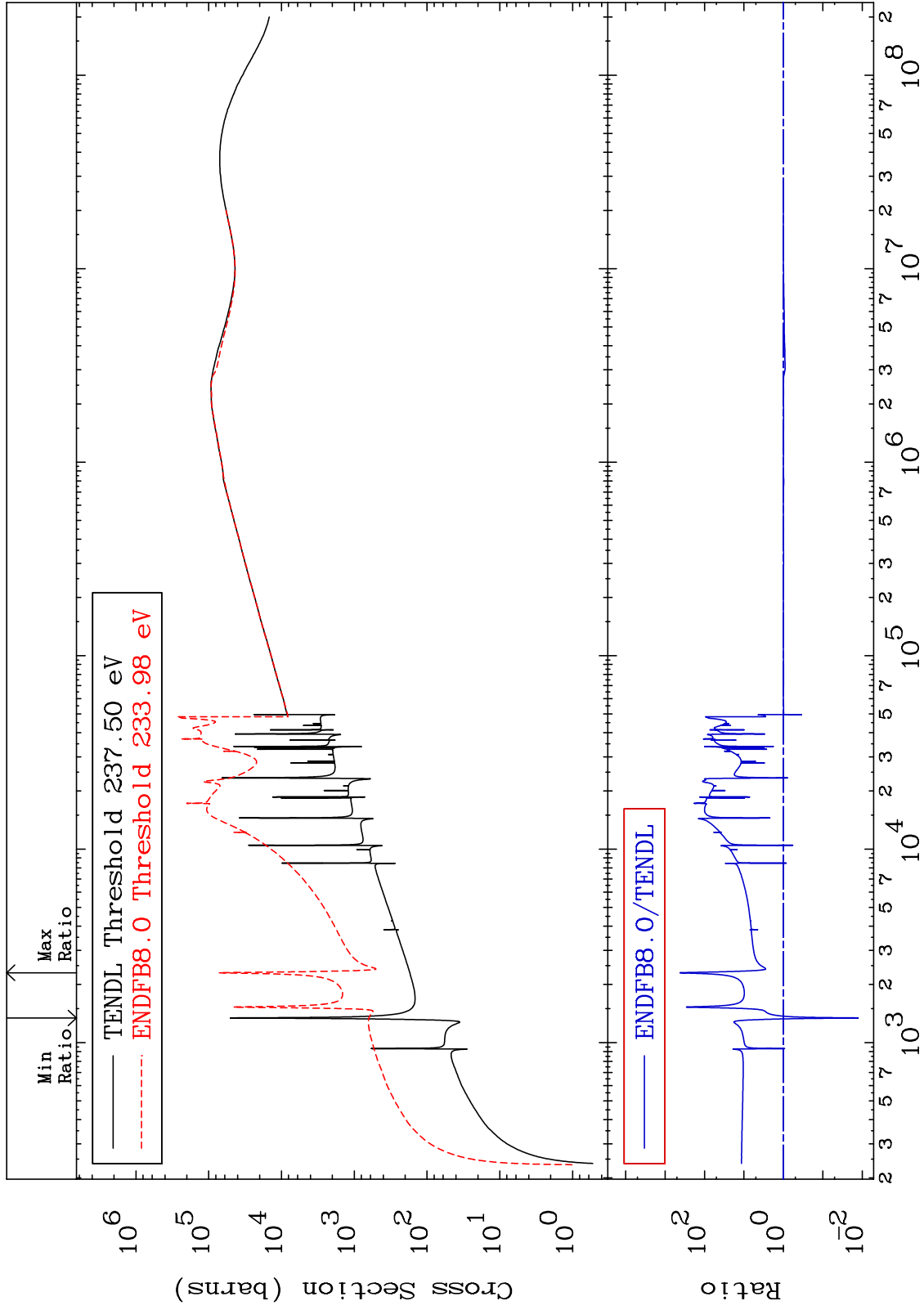
Incident Energy (eV)

17-Cl-36

MAT 1728

Dpa elastic (mt2)
Cross Section

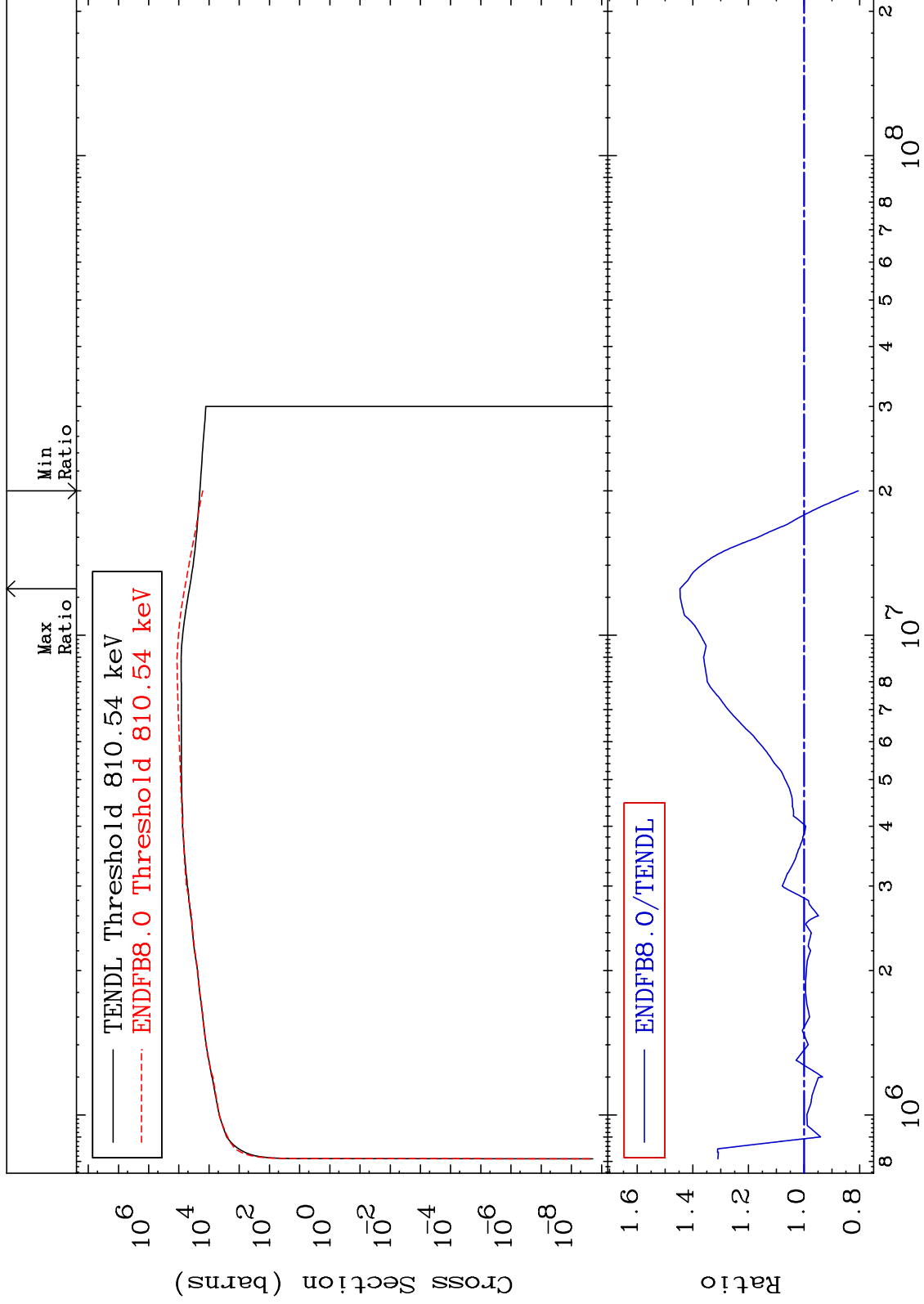
17-CI-36
-98.75 To 9999. %



MAT 1728

Dpa inelastic (mt51-91)
Cross Section

17-CI-36
-19.52 To 44.64 %



52

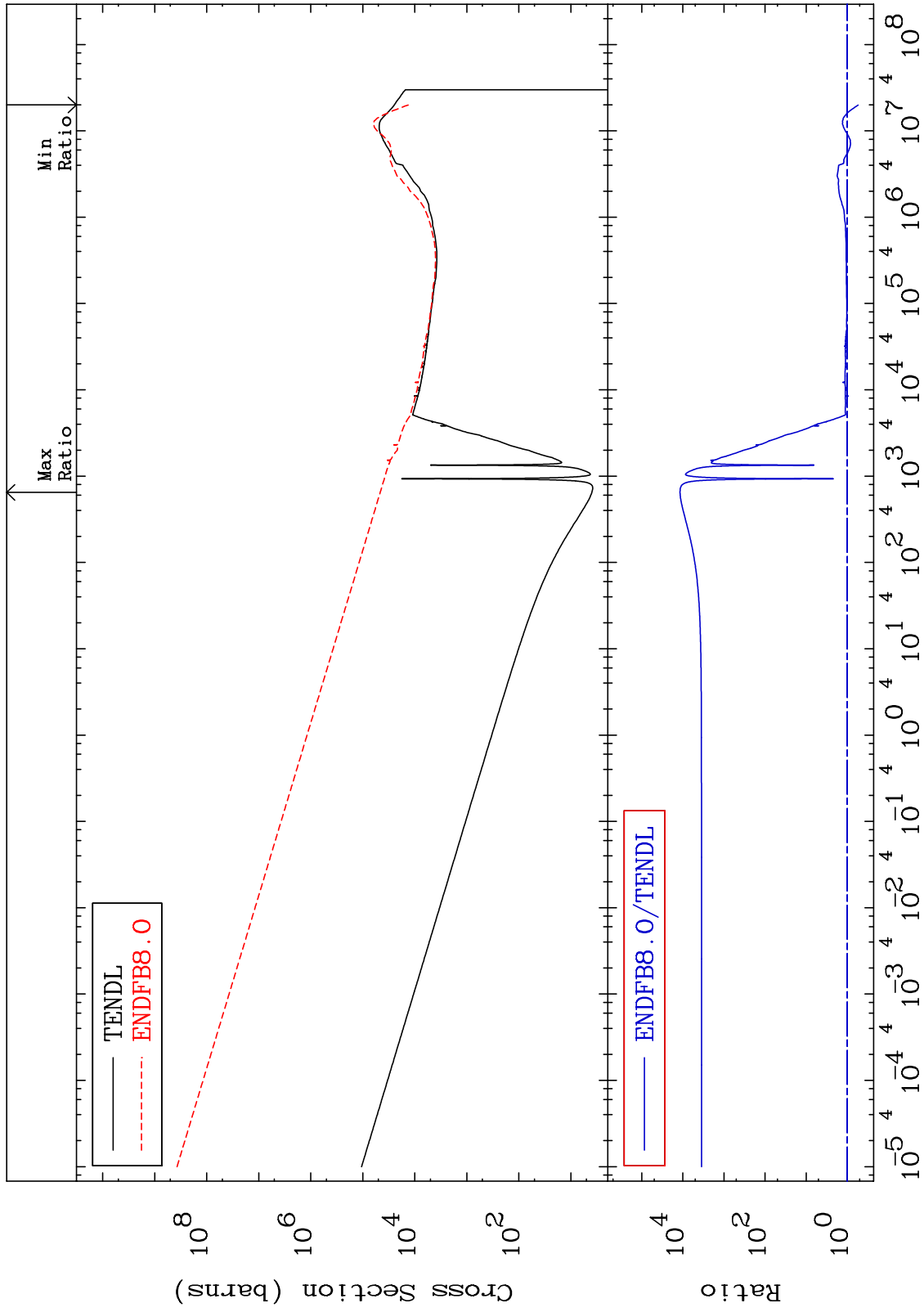
Incident Energy (eV)

17-CI-36

MAT 1728

Dpa disappearance (mt102 -120)
Cross Section

17-CI-36
-46.59 To 9999. %



53

Incident Energy (eV)

17-CI-36