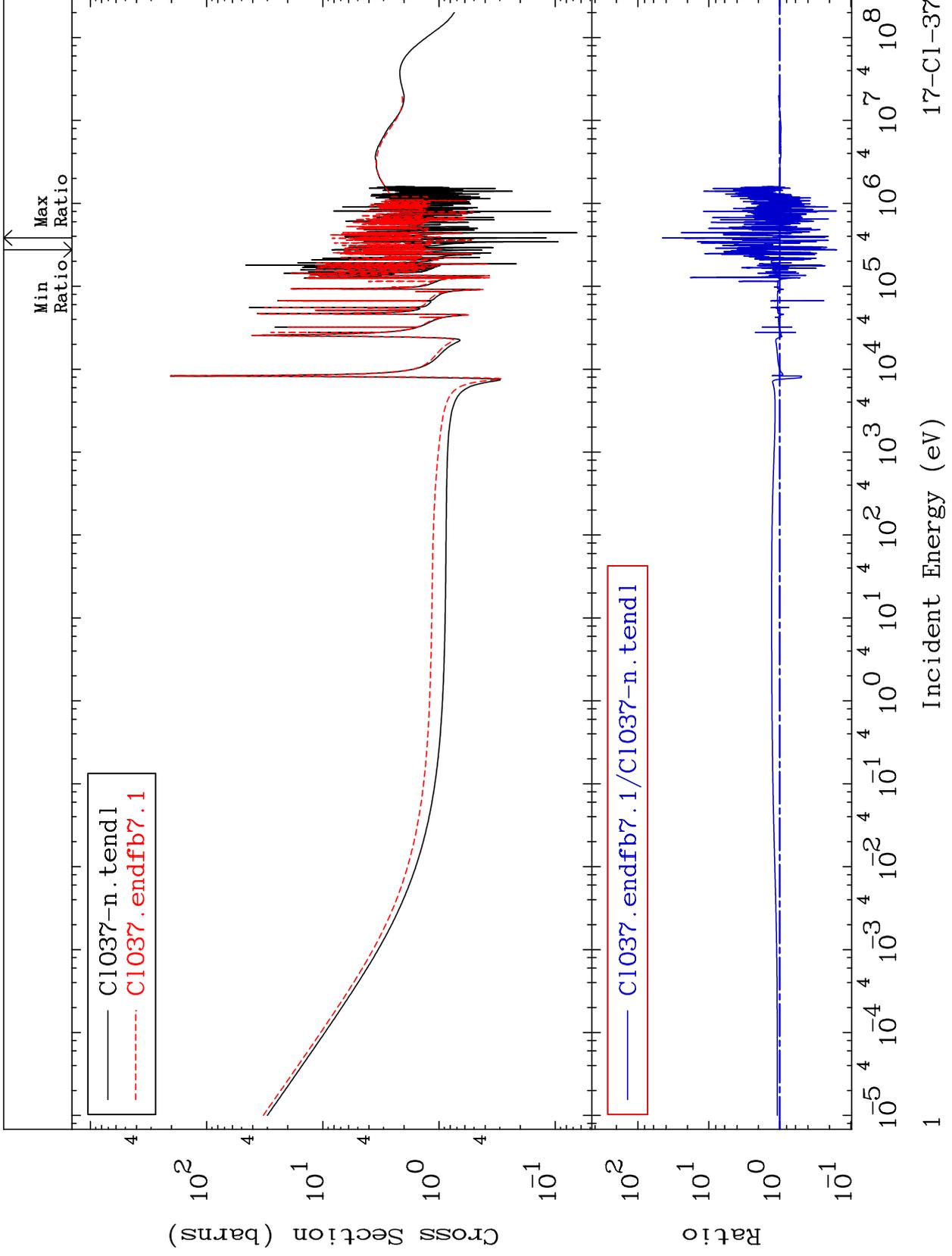


MAT 1731

Total
Cross Section

17-Cl-37
-84.26 To 4416. %



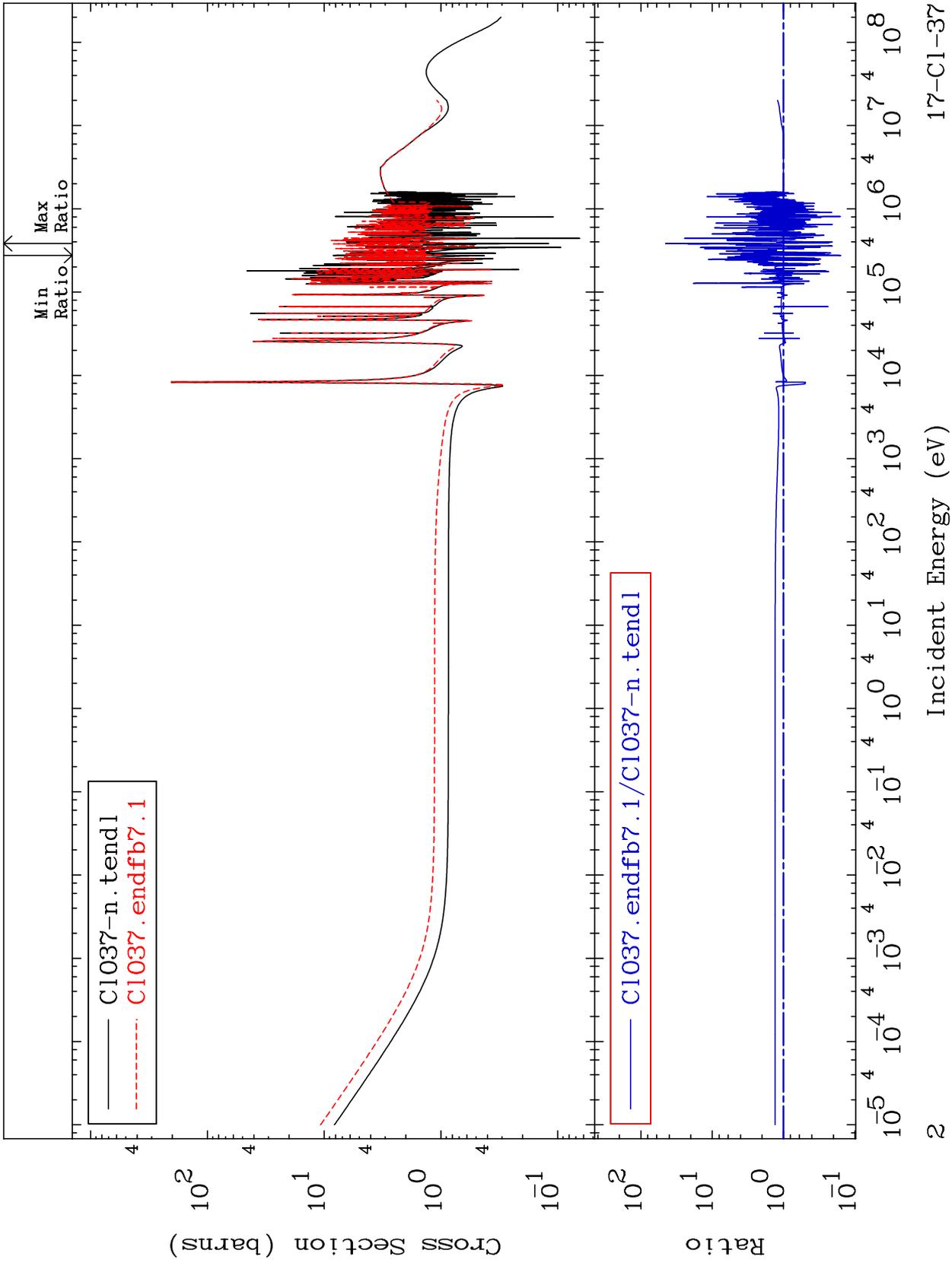
Incident Energy (eV)

17-Cl-37

MAT 1731

Elastic
Cross Section

17-Cl-37
-84.26 To 4416. %



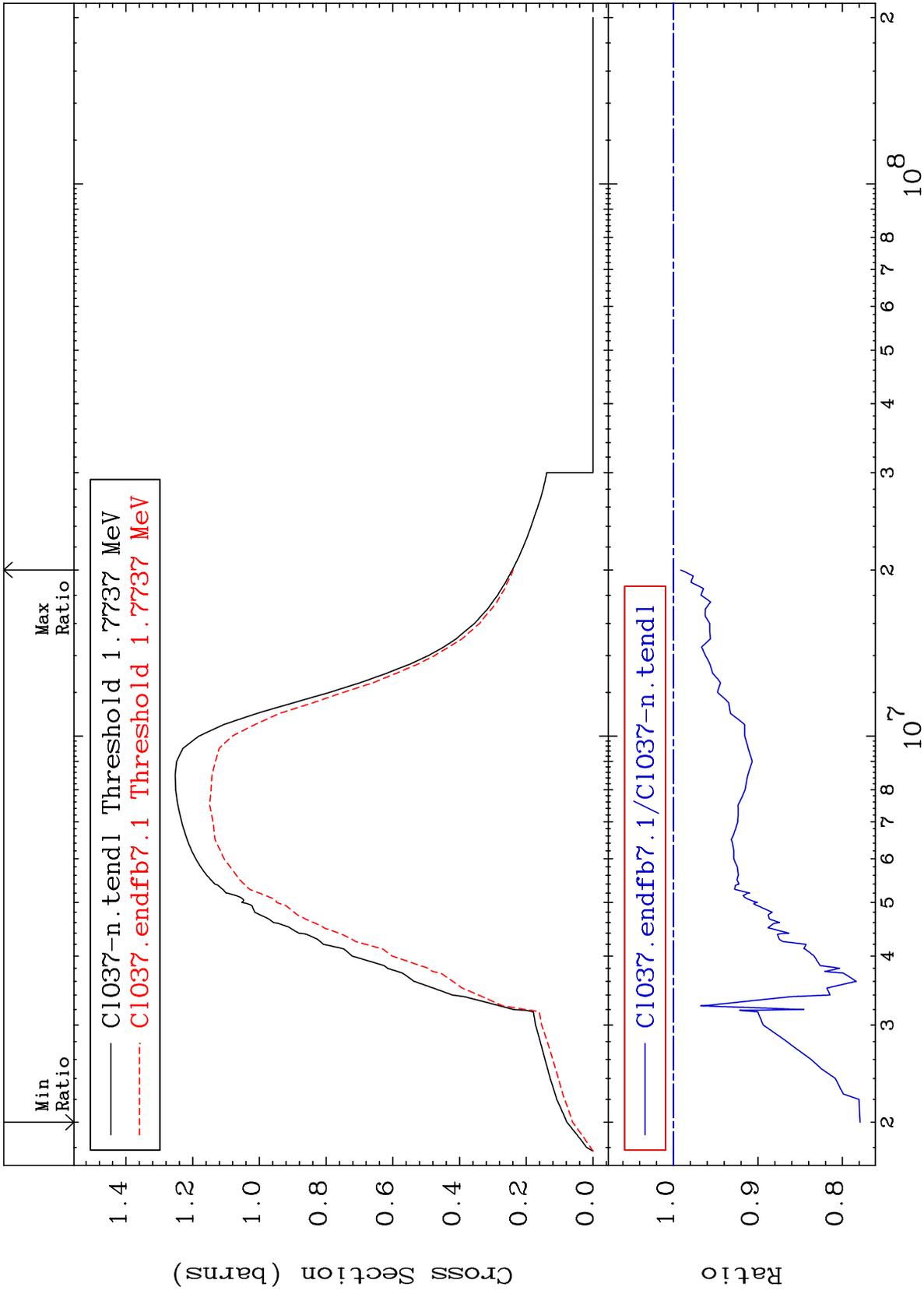
Incident Energy (eV)

17-Cl-37

MAT 1731

Inelastic
Cross Section

17-Cl-37
-22.09 To -0.864%



3

Incident Energy (eV)

17-Cl-37

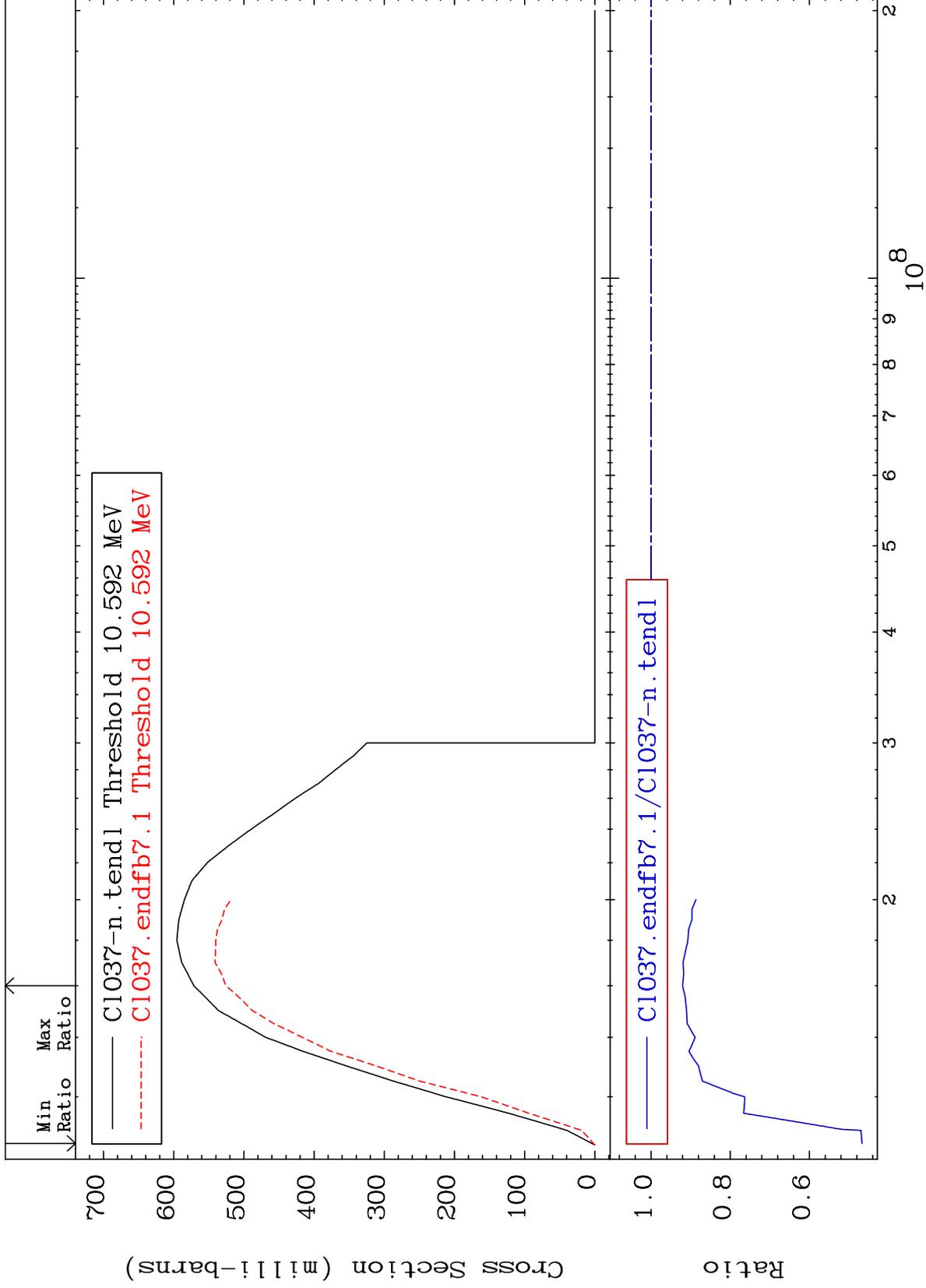
MAT 1731

(n,2n)

17-Cl-37

Cross Section

-53.32 To -7.994%



Incident Energy (eV)

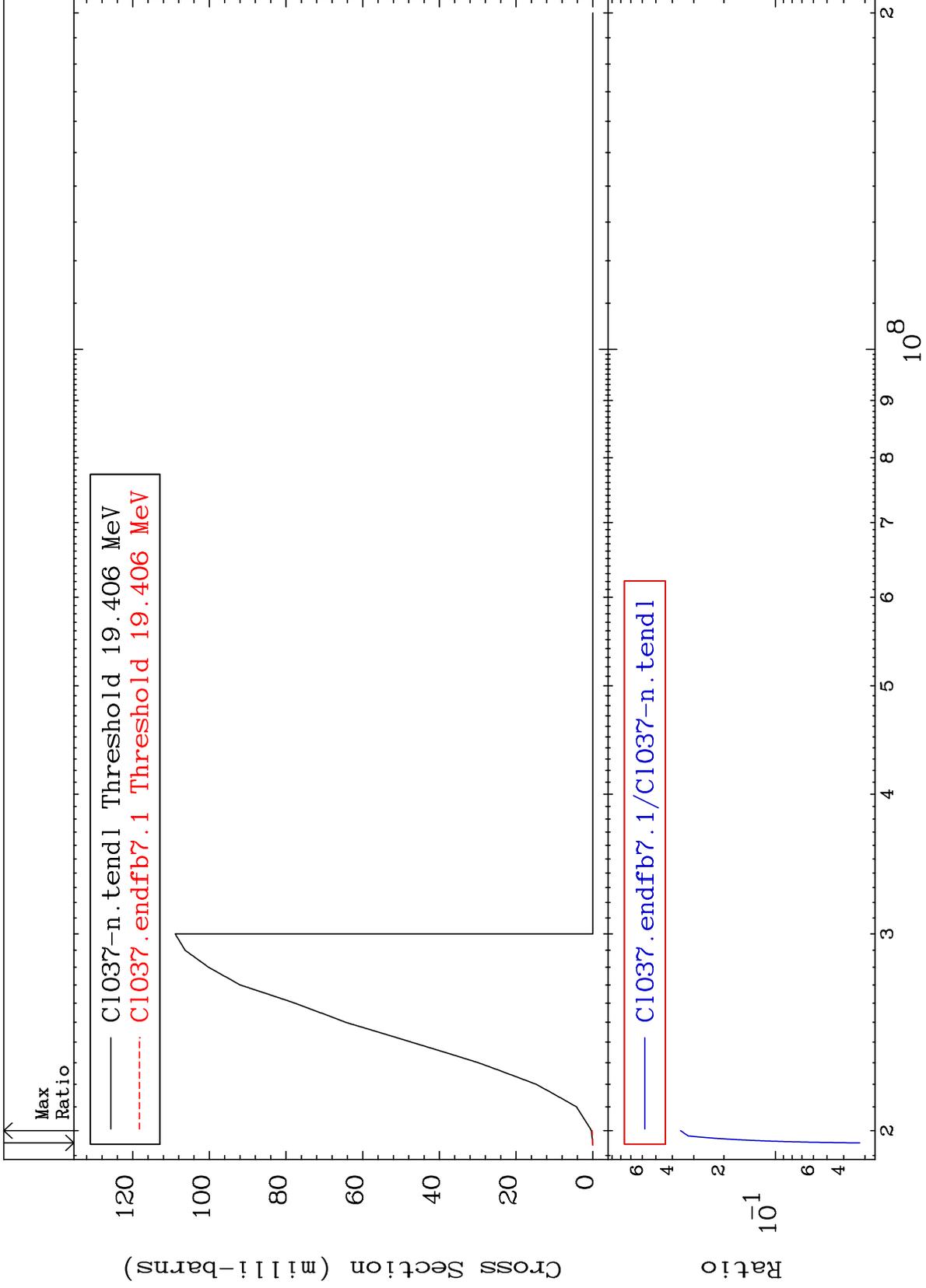
17-Cl-37

4

MAT 1731

(n,3n)
Cross Section

17-Cl-37
-96.78 To -64.15%



5

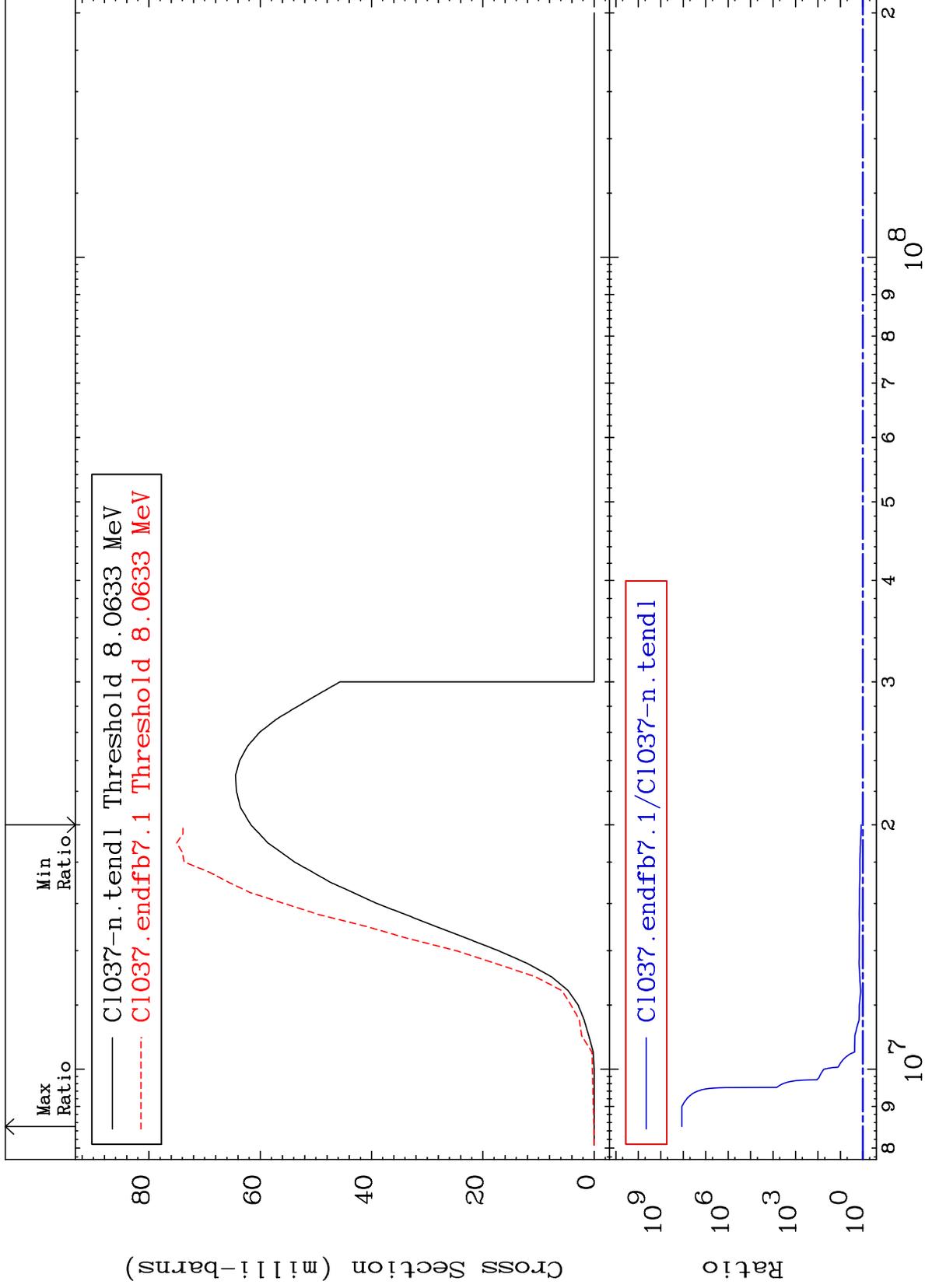
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,n') α
Cross Section

17-Cl-37
19.83 To 9999. %



6

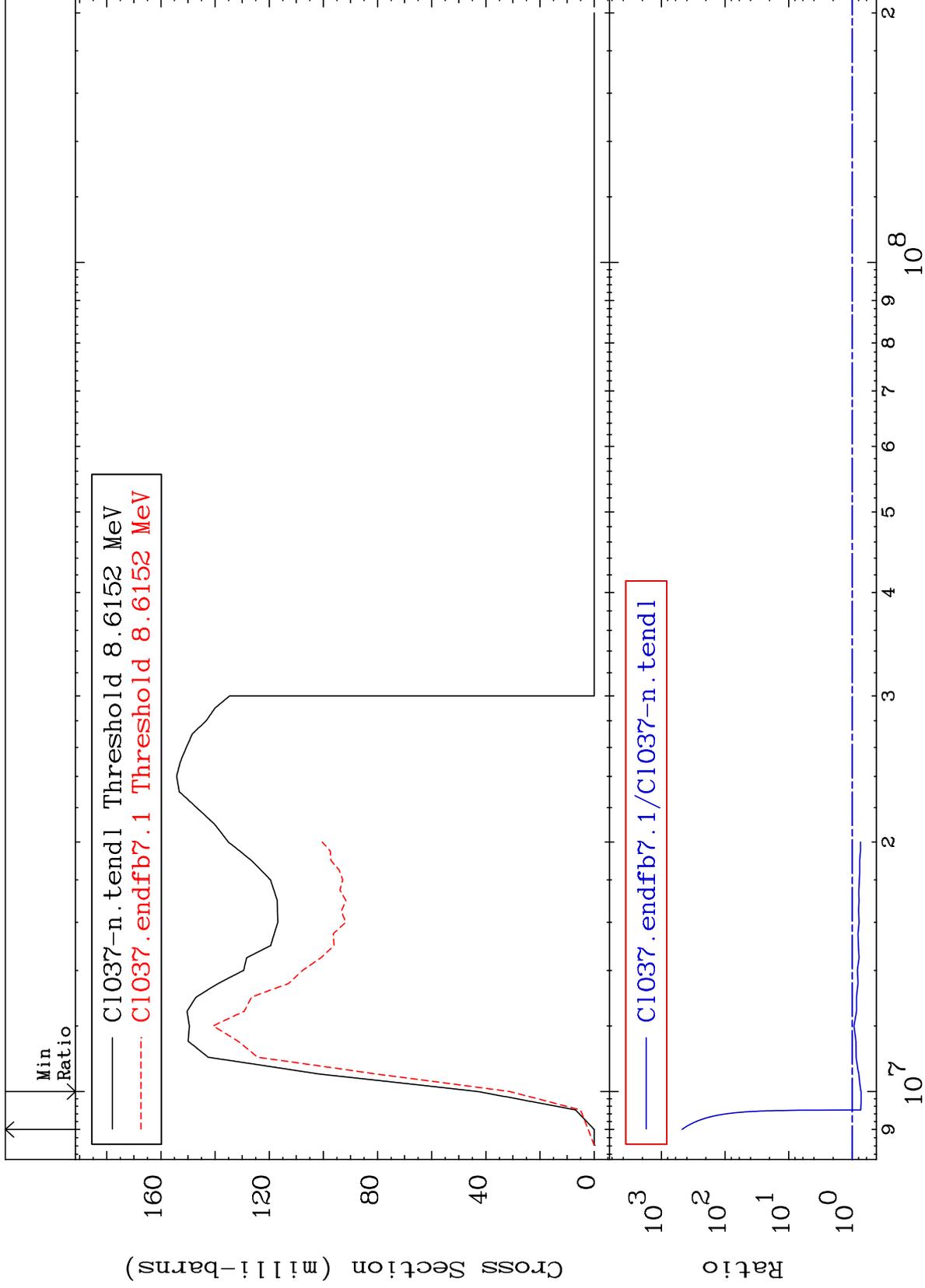
17-Cl-37

17-Cl-37

MAT 1731

(n,n') p
Cross Section

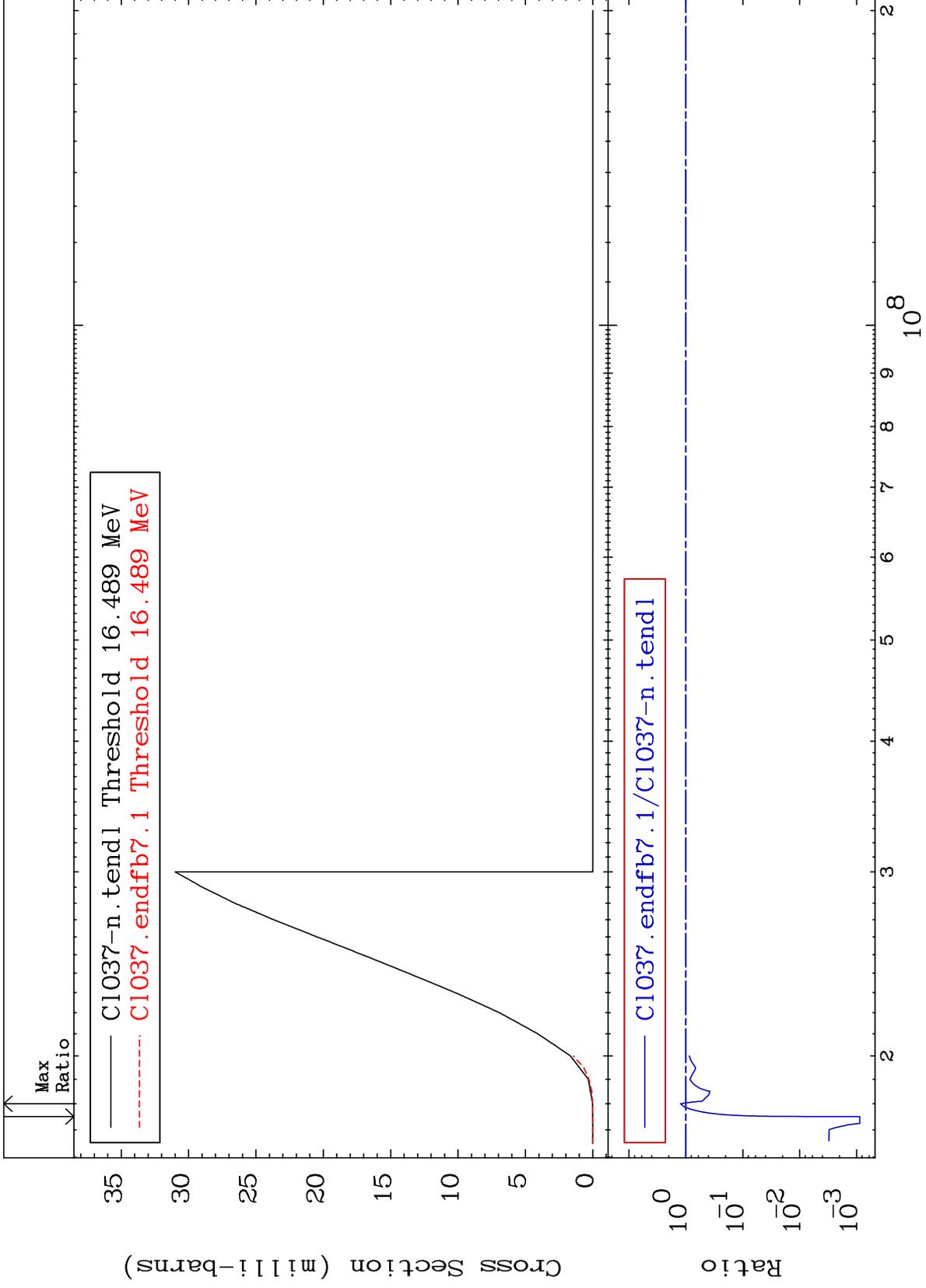
17-Cl-37
-27.21 To 9999. %



7

Incident Energy (eV)

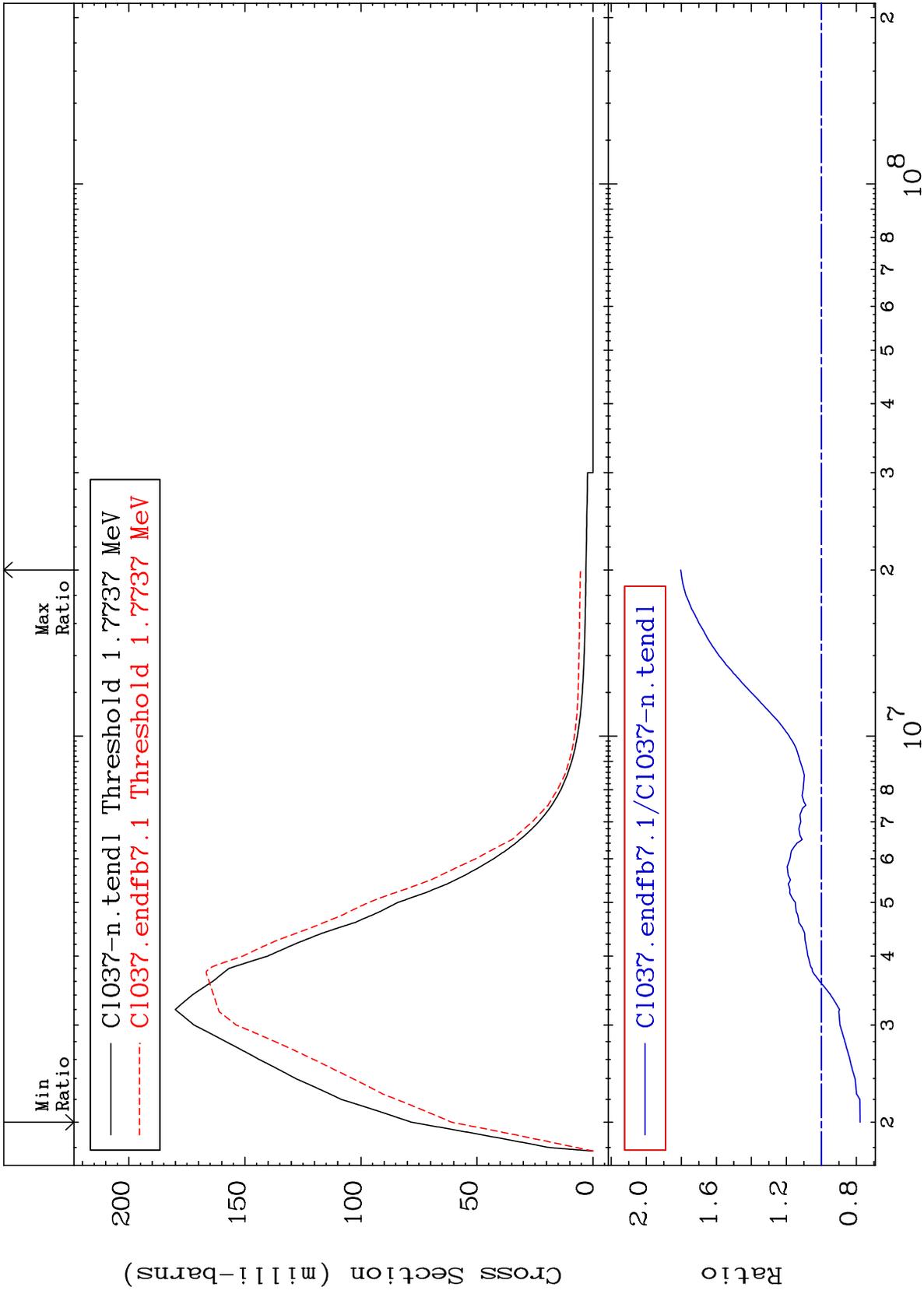
17-Cl-37



MAT 1731

1.727 MeV (n,n') Level
Cross Section

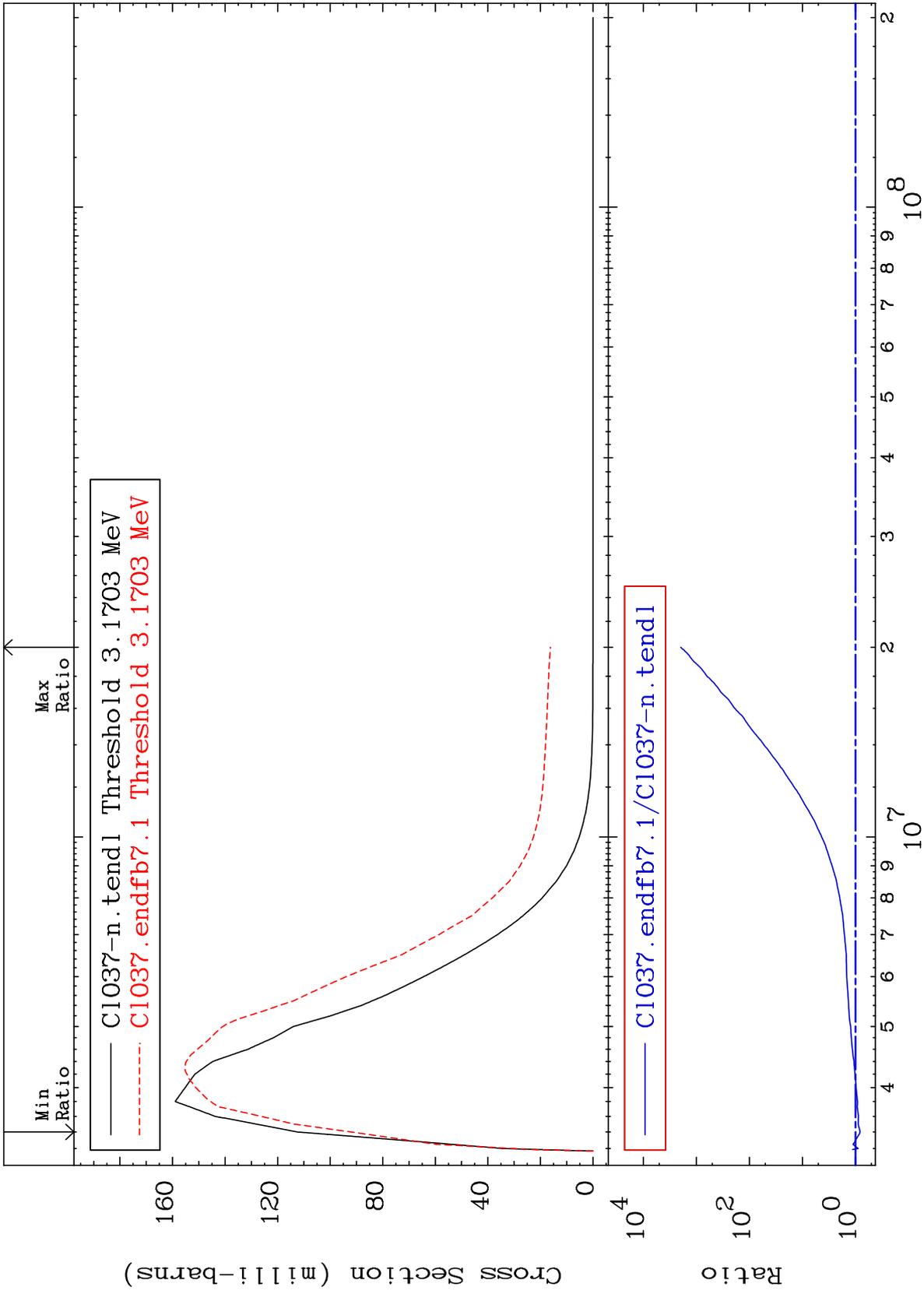
17-Cl-37
-22.09 To 80.31 %



MAT 1731

3.086 MeV (n,n') Level
Cross Section

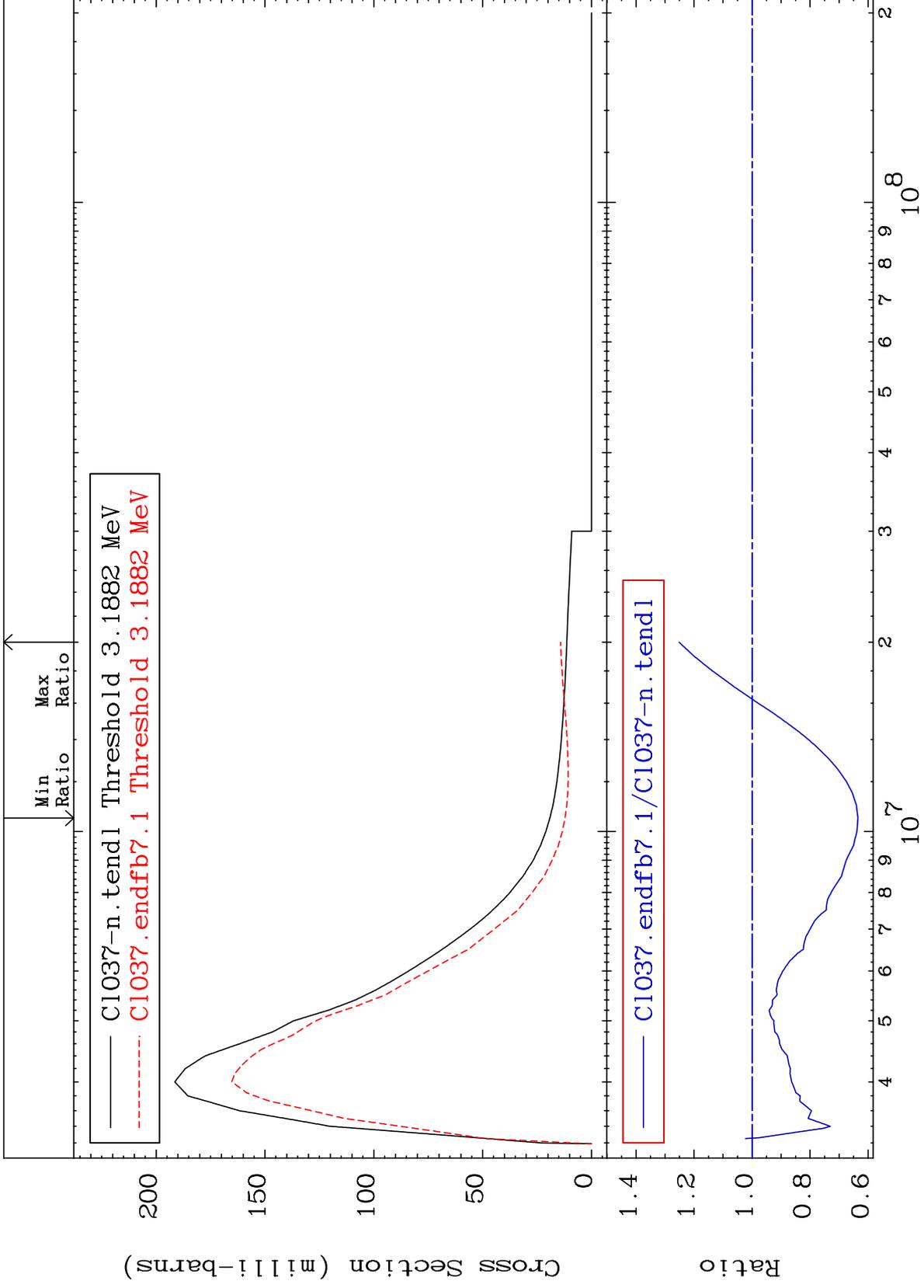
17-Cl-37
-18.12 To 9999. %



MAT 1731

3.104 MeV (n,n') Level
Cross Section

17-Cl-37
-36.49 To 25.16 %



11

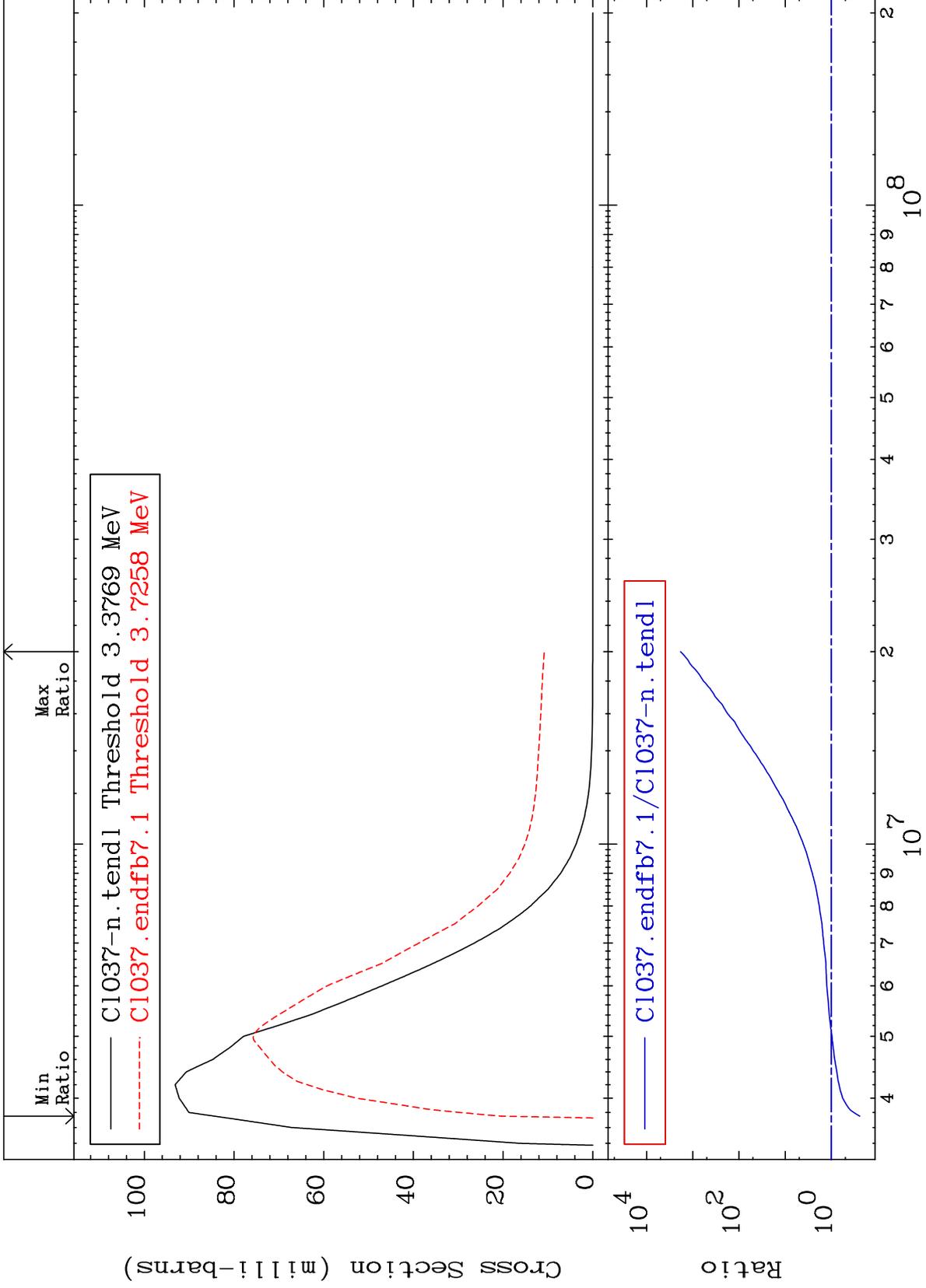
Incident Energy (eV)

17-Cl-37

MAT 1731

3.287 MeV (n,n') Level
Cross Section

17-Cl-37
-75.60 To 9999. %



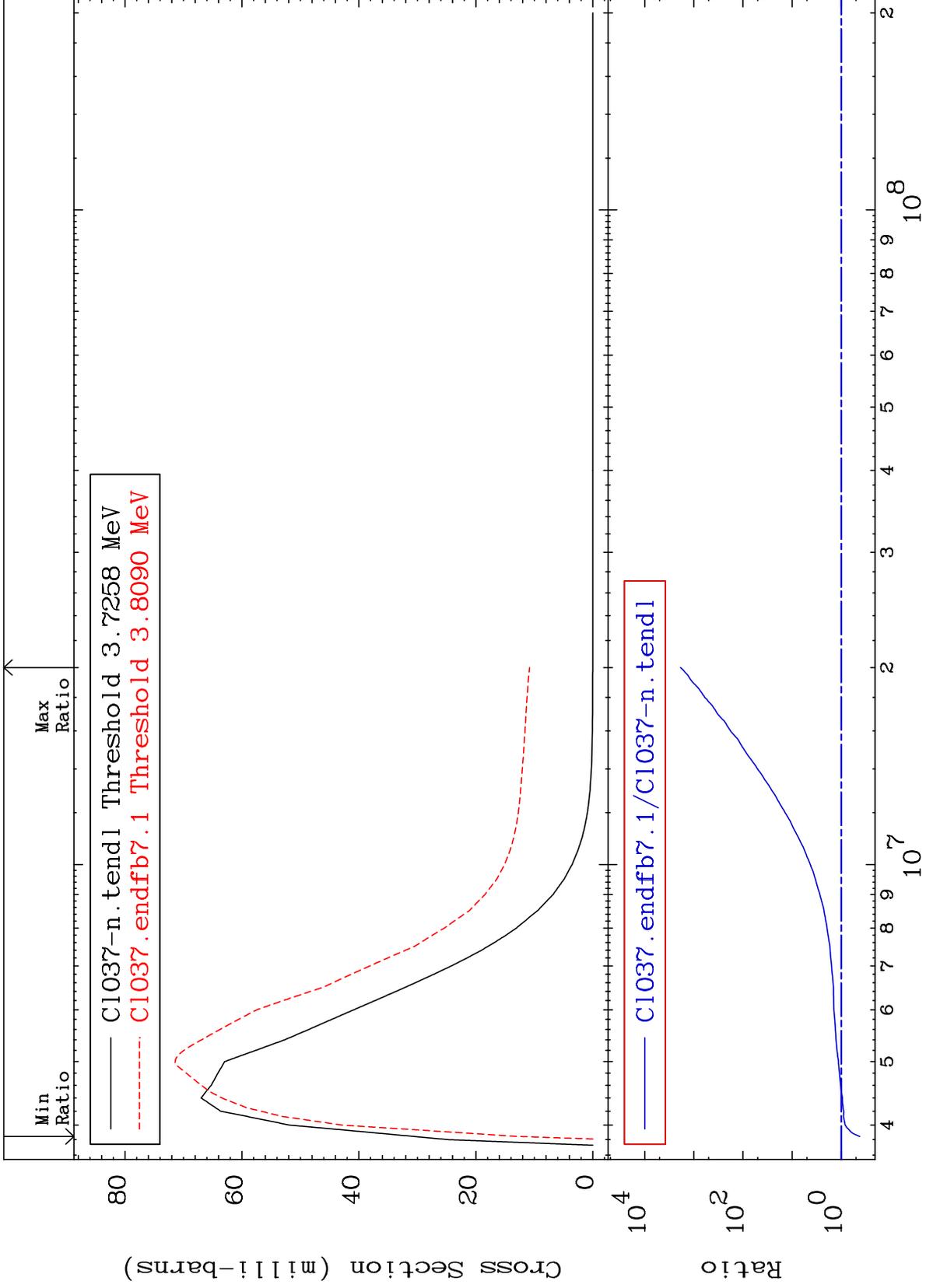
12

17-Cl-37

MAT 1731

3.627 MeV (n,n') Level
Cross Section

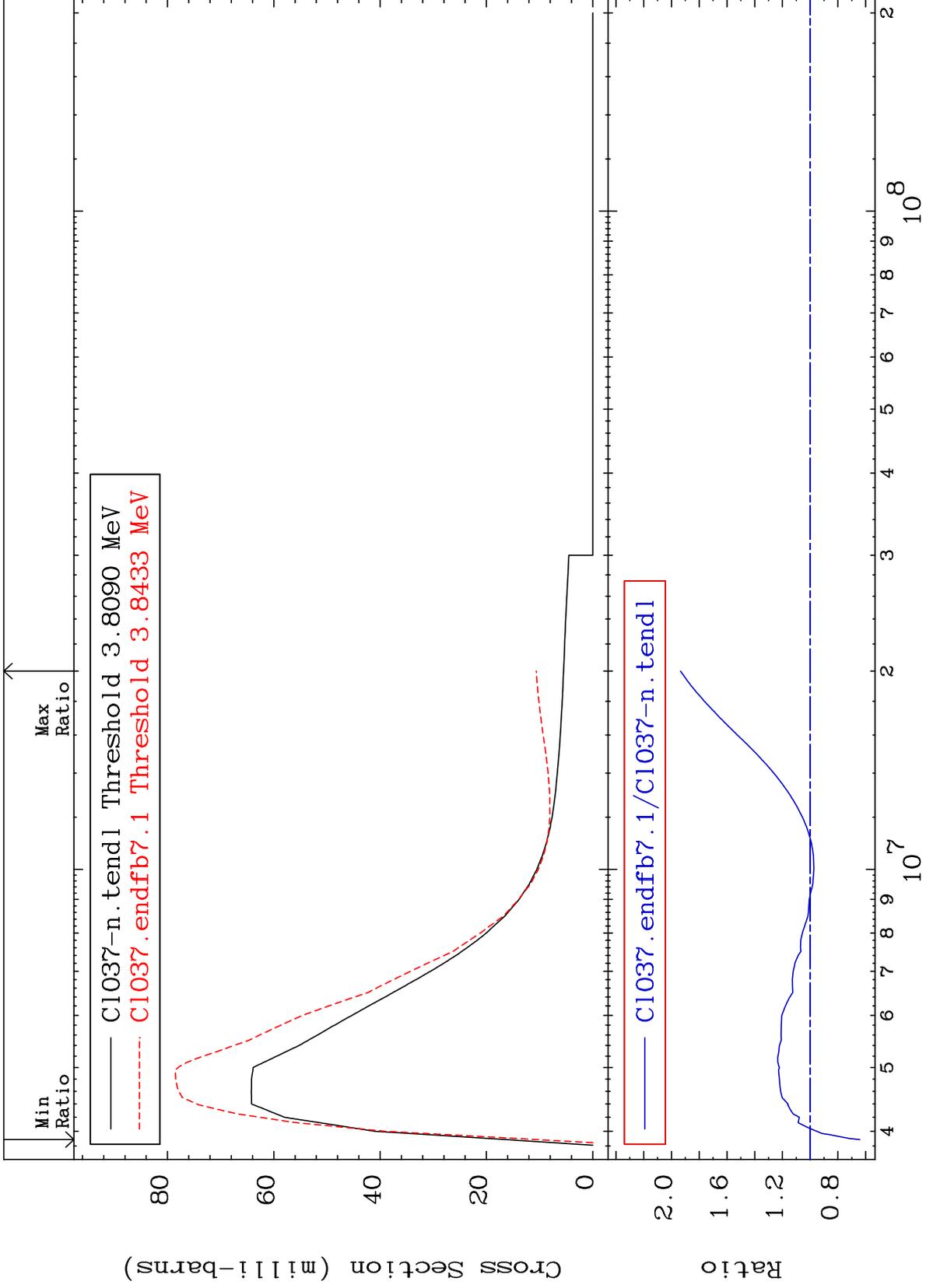
17-Cl-37
-58.16 To 9999. %



MAT 1731

3.708 MeV (n,n') Level
Cross Section

17-Cl-37
-35.73 To 93.44 %



14

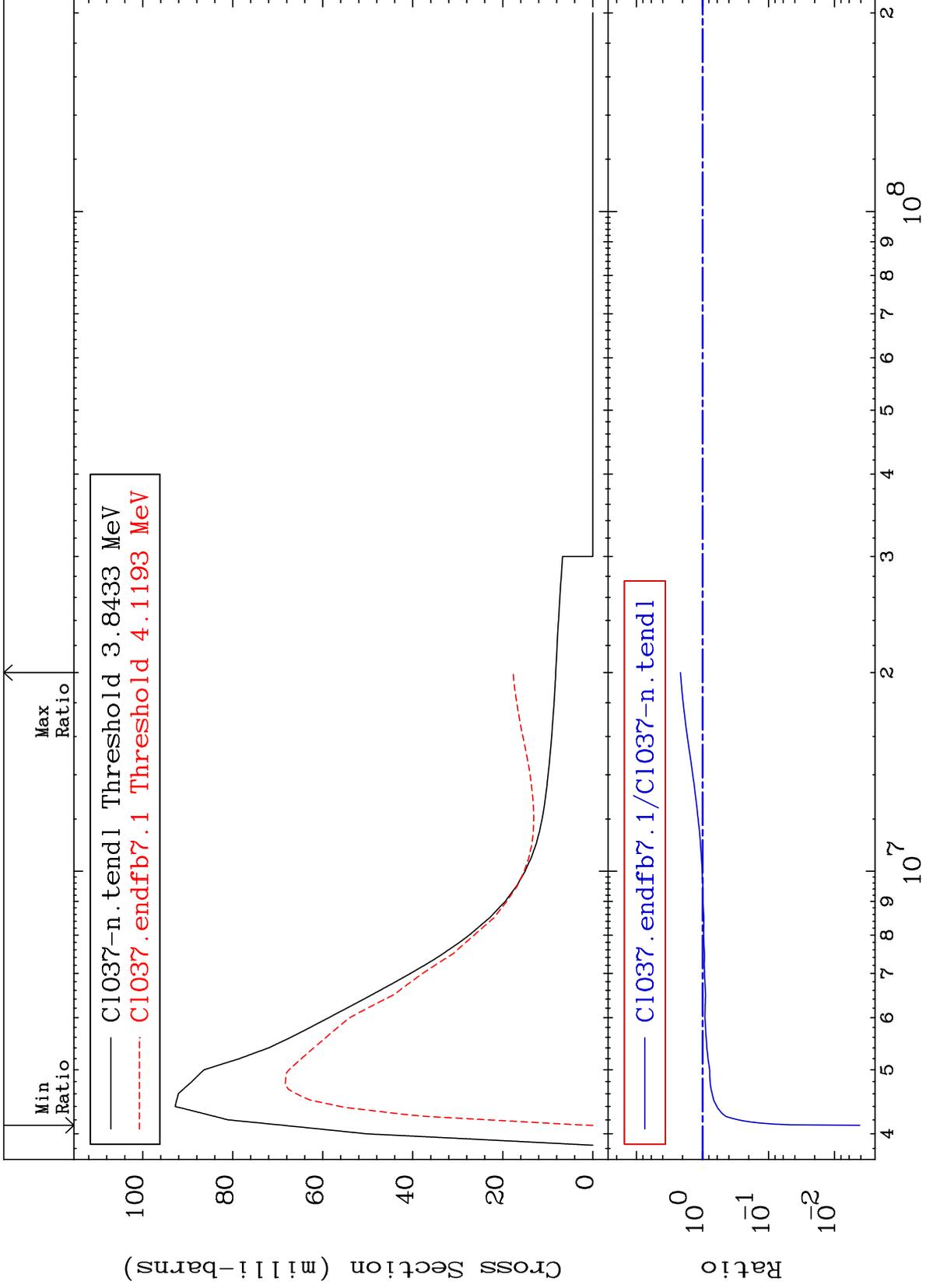
Incident Energy (eV)

17-Cl-37

MAT 1731

3.741 MeV (n,n') Level
Cross Section

17-Cl-37
-99.58 To 115.4 %



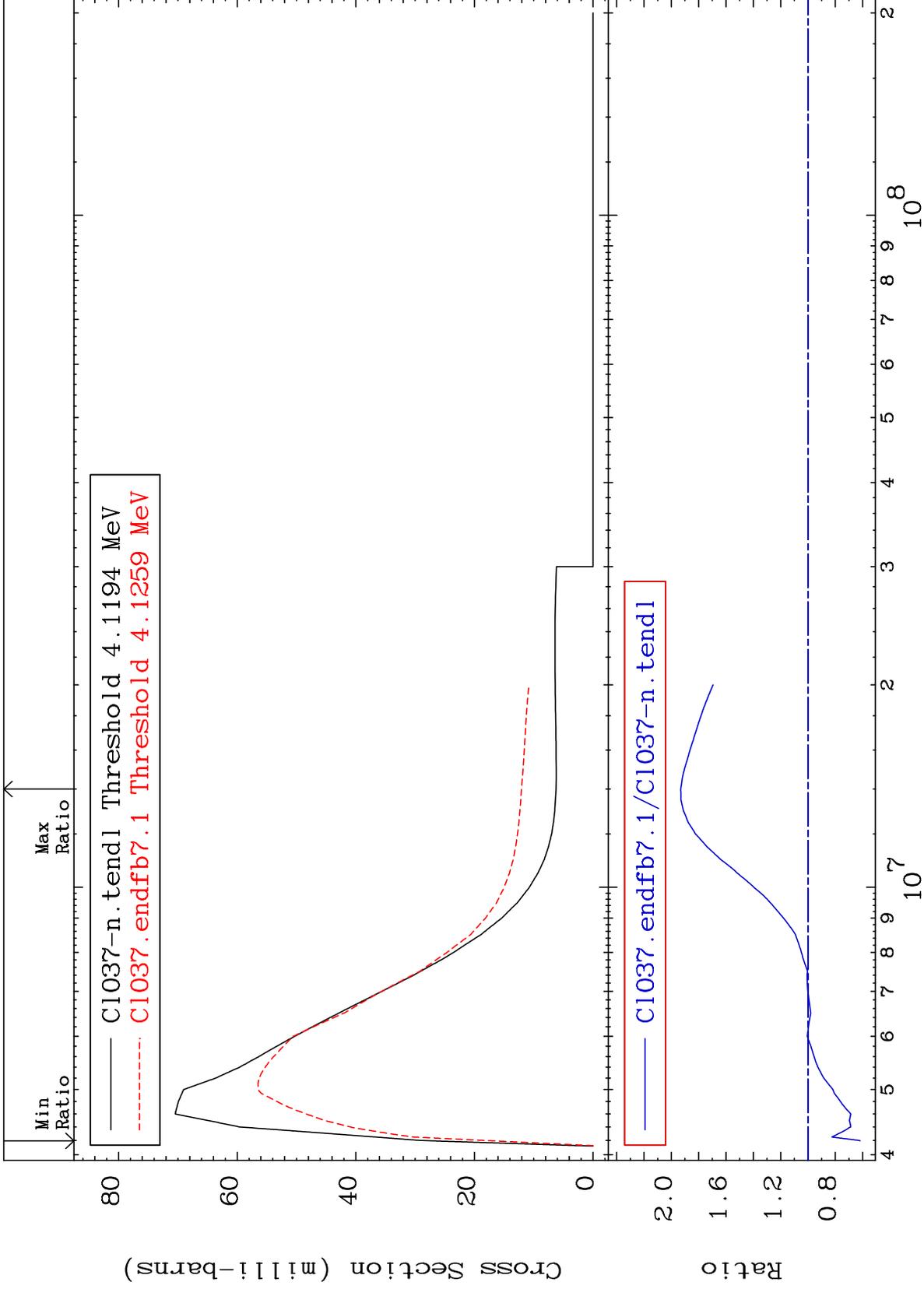
15

17-Cl-37

MAT 1731

4.010 MeV (n,n') Level
Cross Section

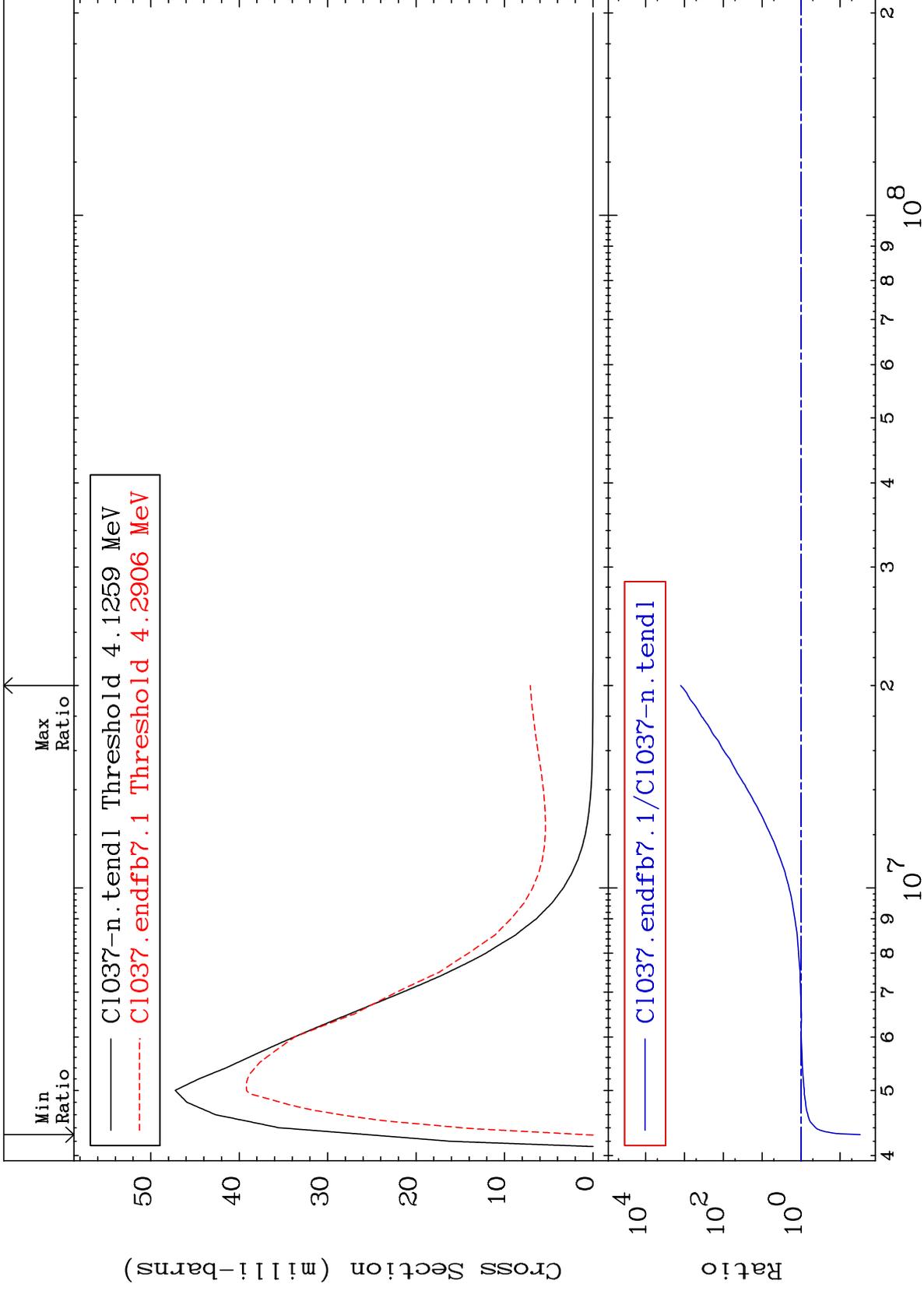
17-Cl-37
-38.12 To 93.09 %



16

Incident Energy (eV)

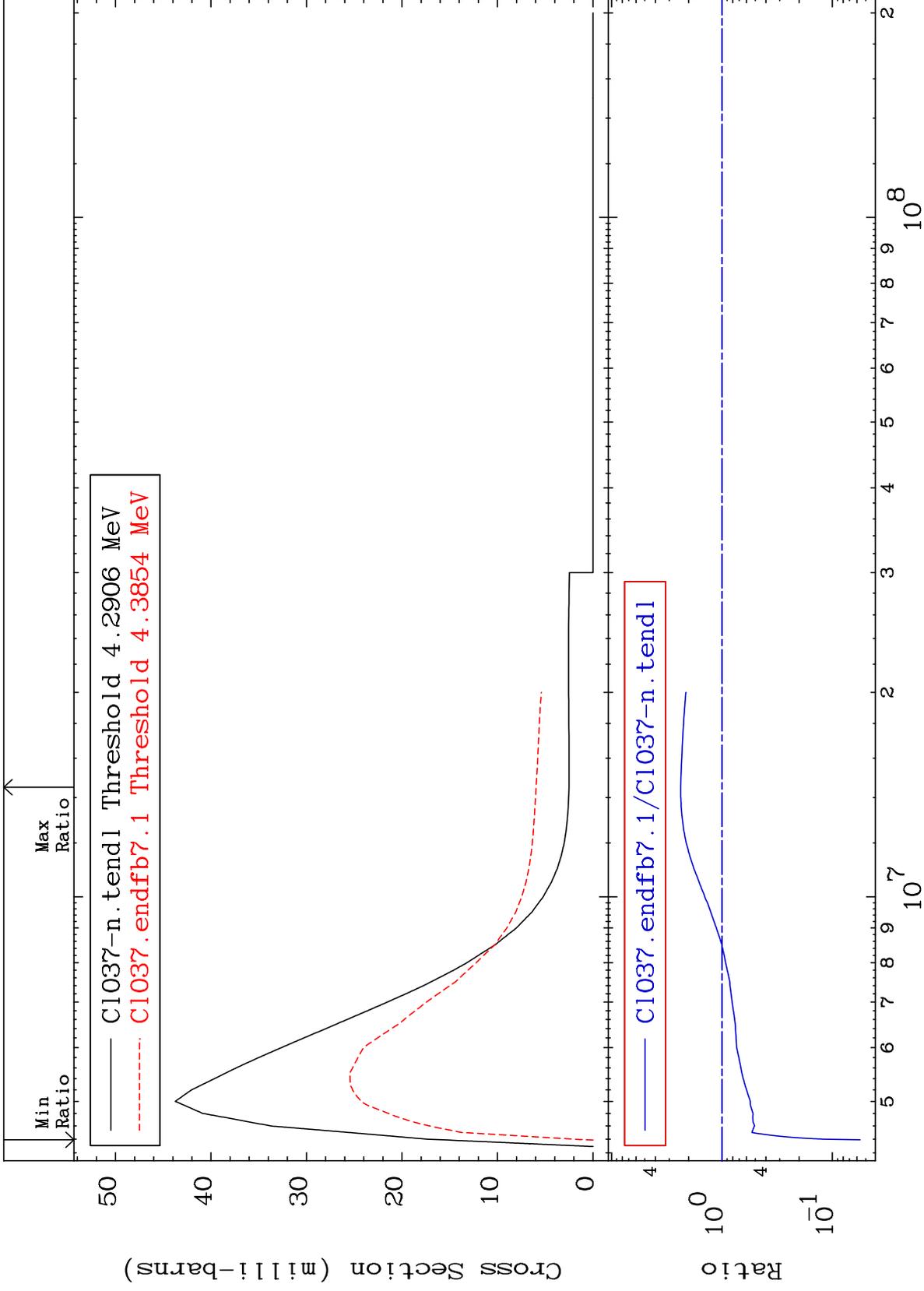
17-Cl-37



MAT 1731

4.177 MeV (n,n') Level
Cross Section

17-Cl-37
-94.39 To 136.3 %



18

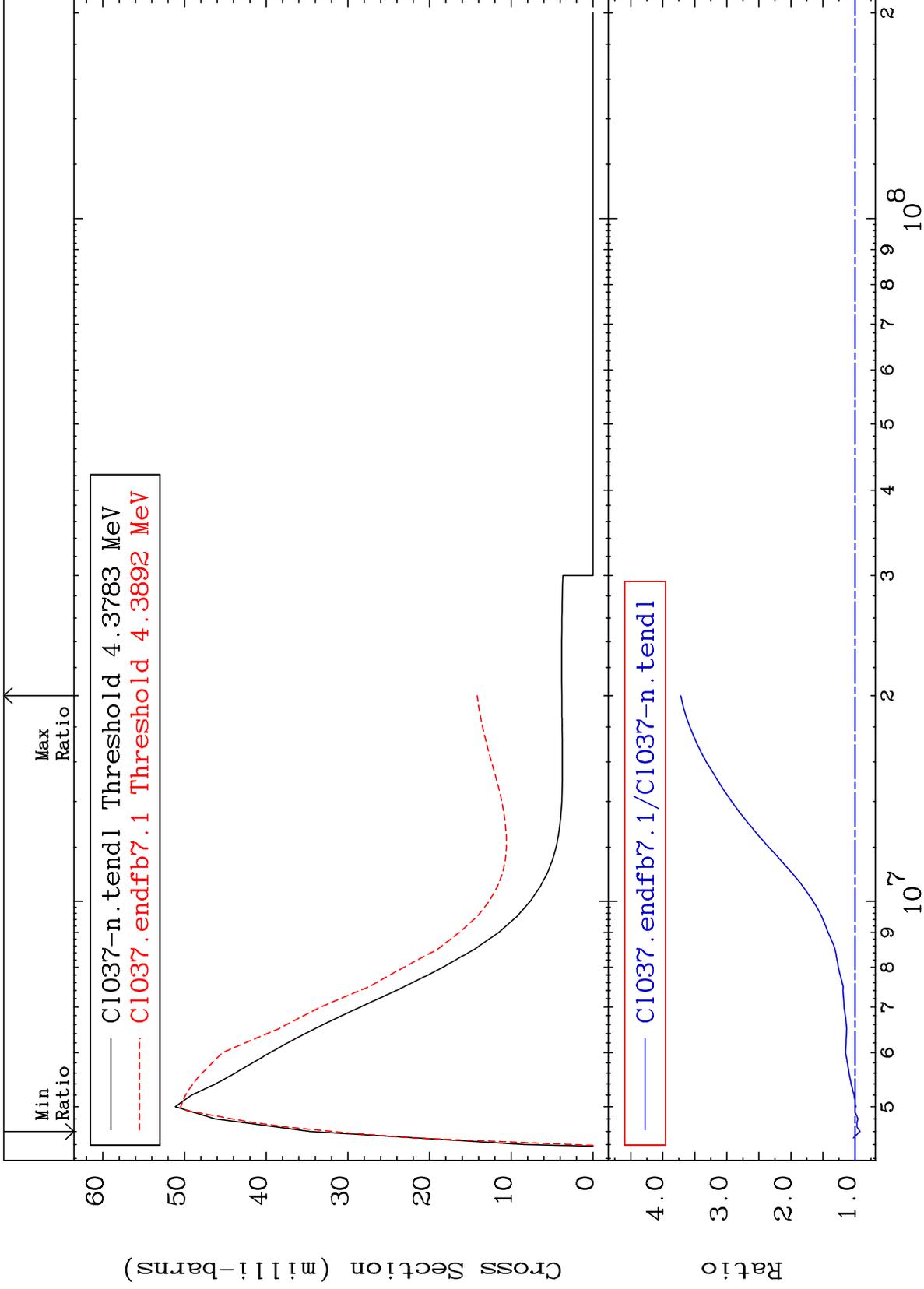
Incident Energy (eV)

17-Cl-37

MAT 1731

4.262 MeV (n,n') Level
Cross Section

17-Cl-37
-7.968 To 272.0 %



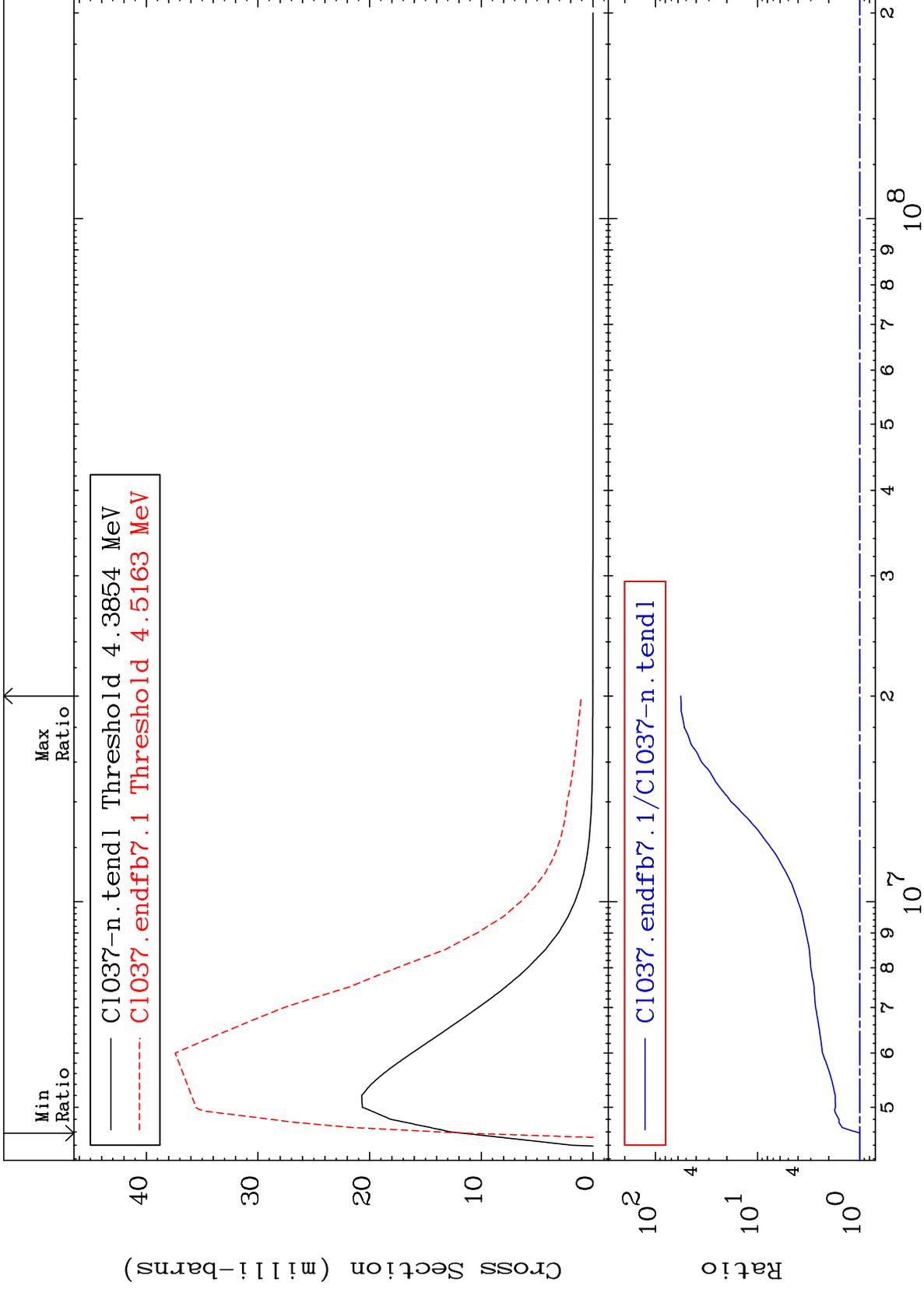
19

17-Cl-37

MAT 1731

4.269 MeV (n,n') Level
Cross Section

17-Cl-37
-1.166 To 5550. %



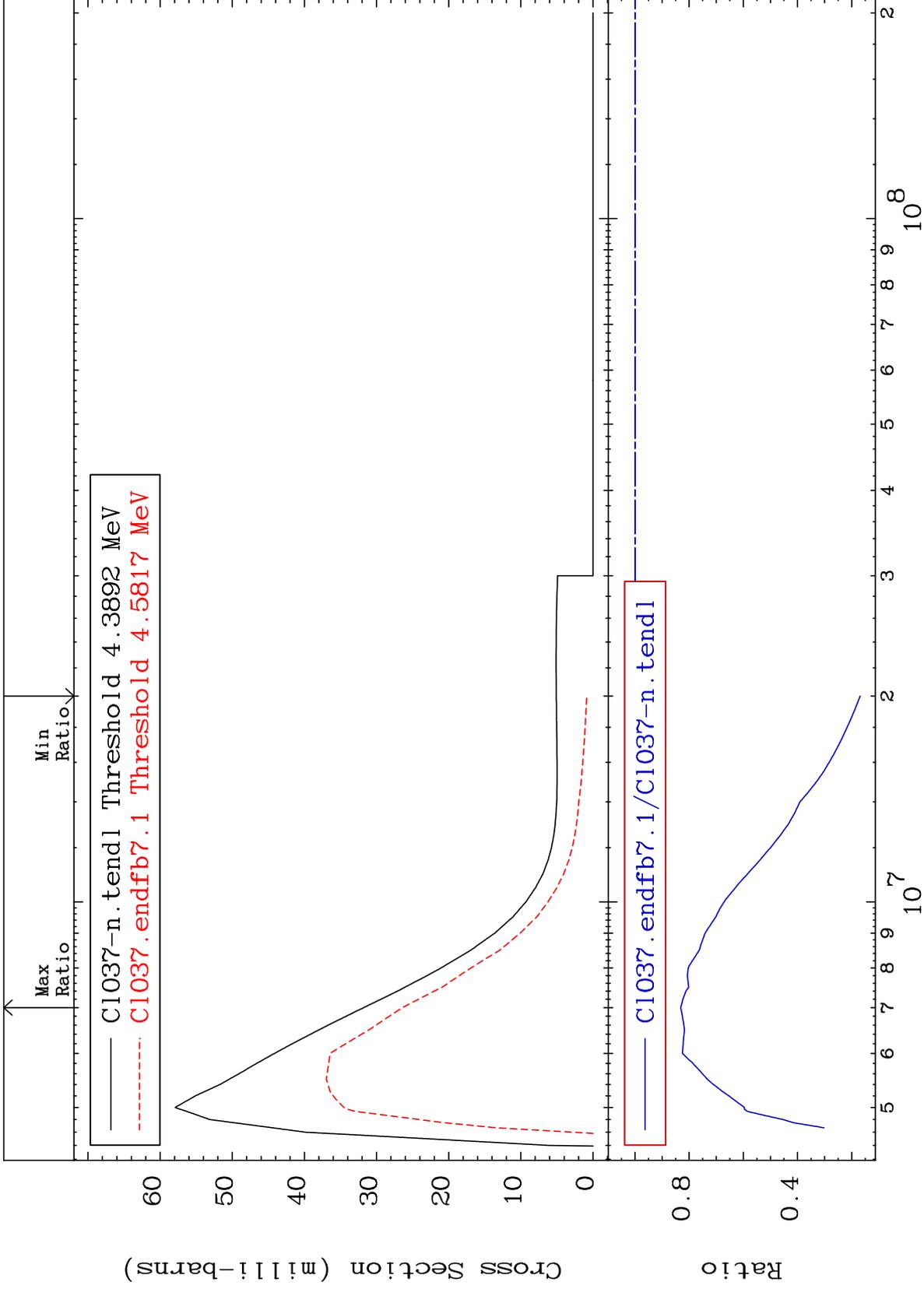
20

17-Cl-37

MAT 1731

4.273 MeV (n,n') Level
Cross Section

17-Cl-37
-83.11 To -16.90%



21

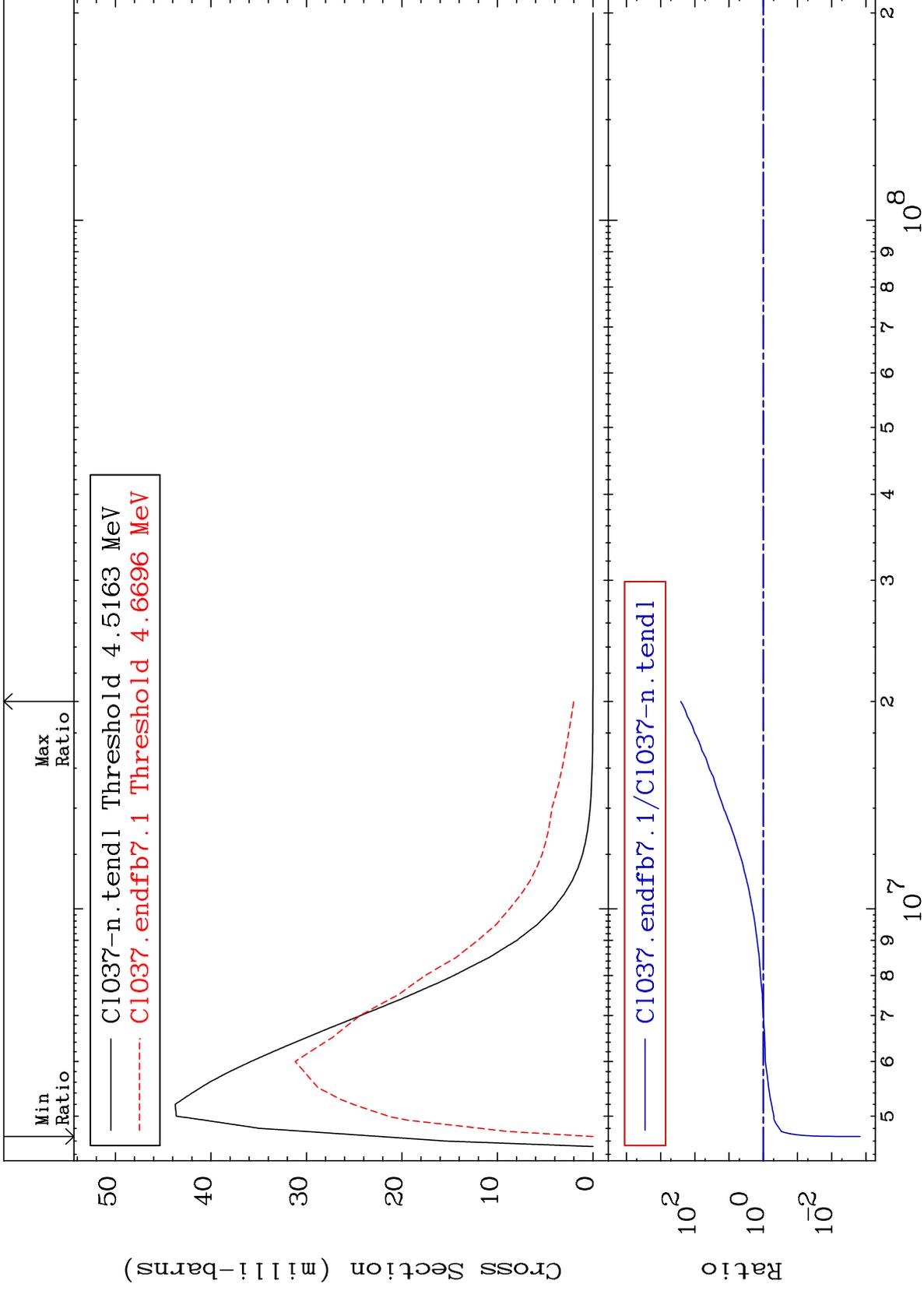
Incident Energy (eV)

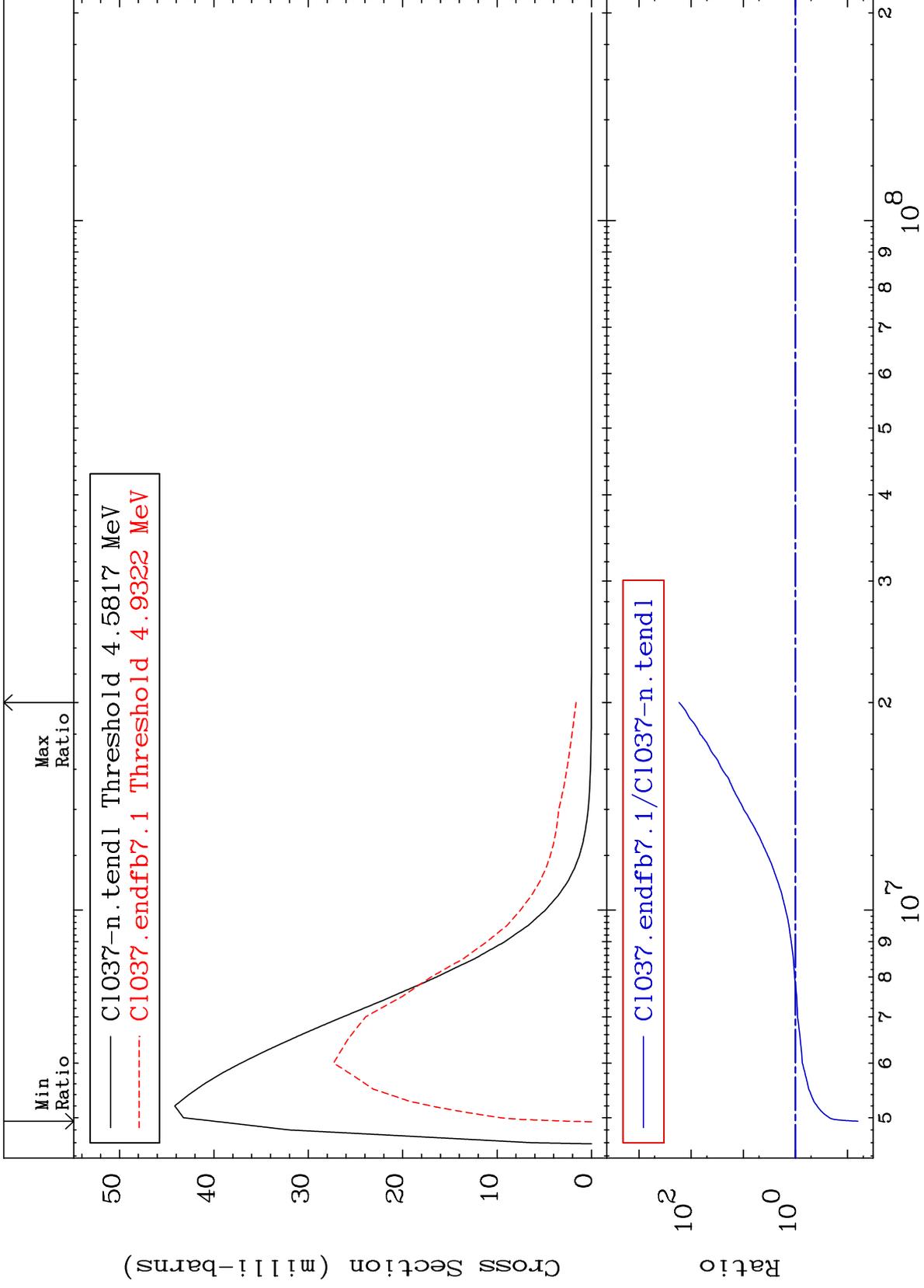
17-Cl-37

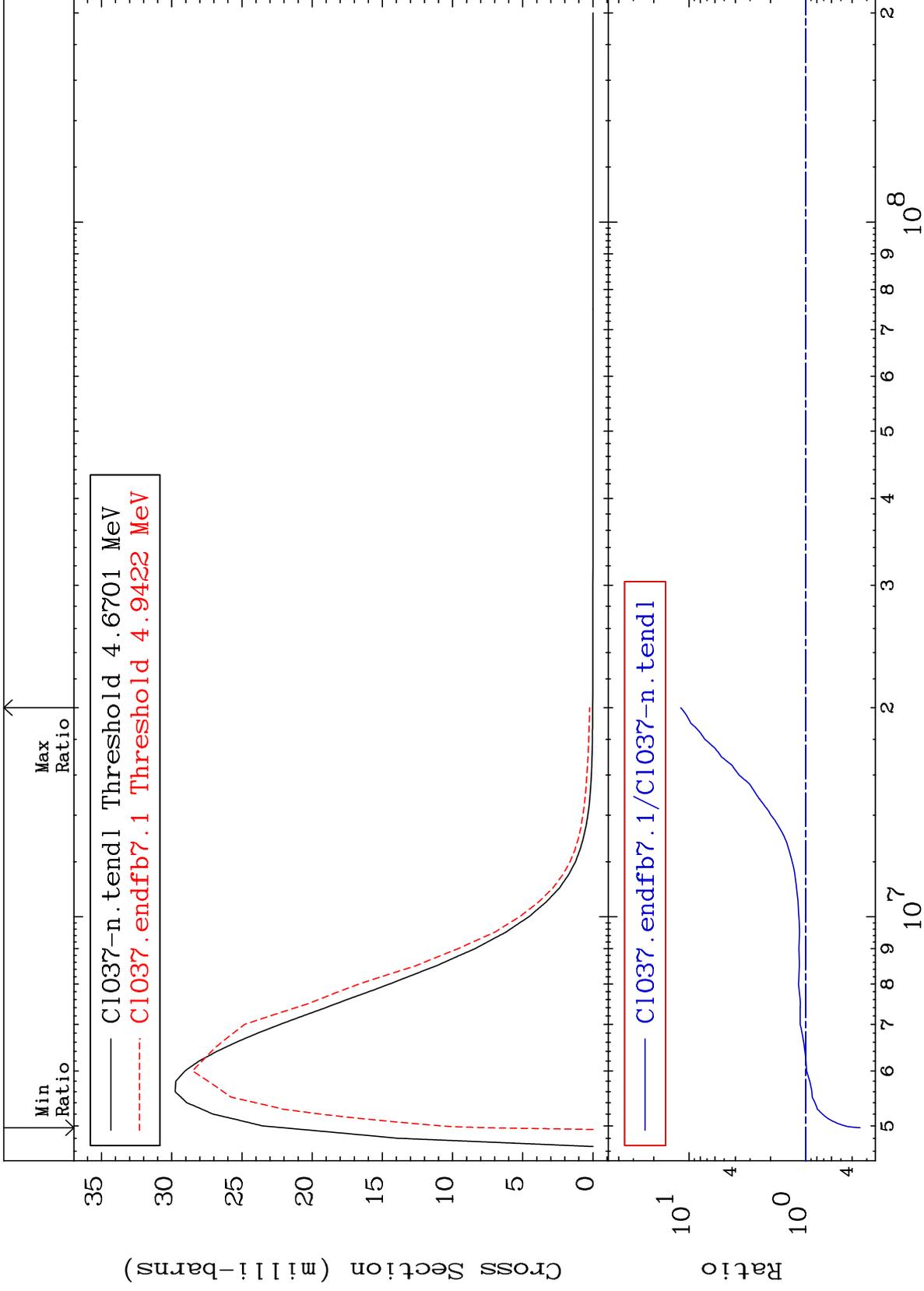
MAT 1731

4.396 MeV (n,n') Level
Cross Section

17-Cl-37
-99.85 To 9999. %



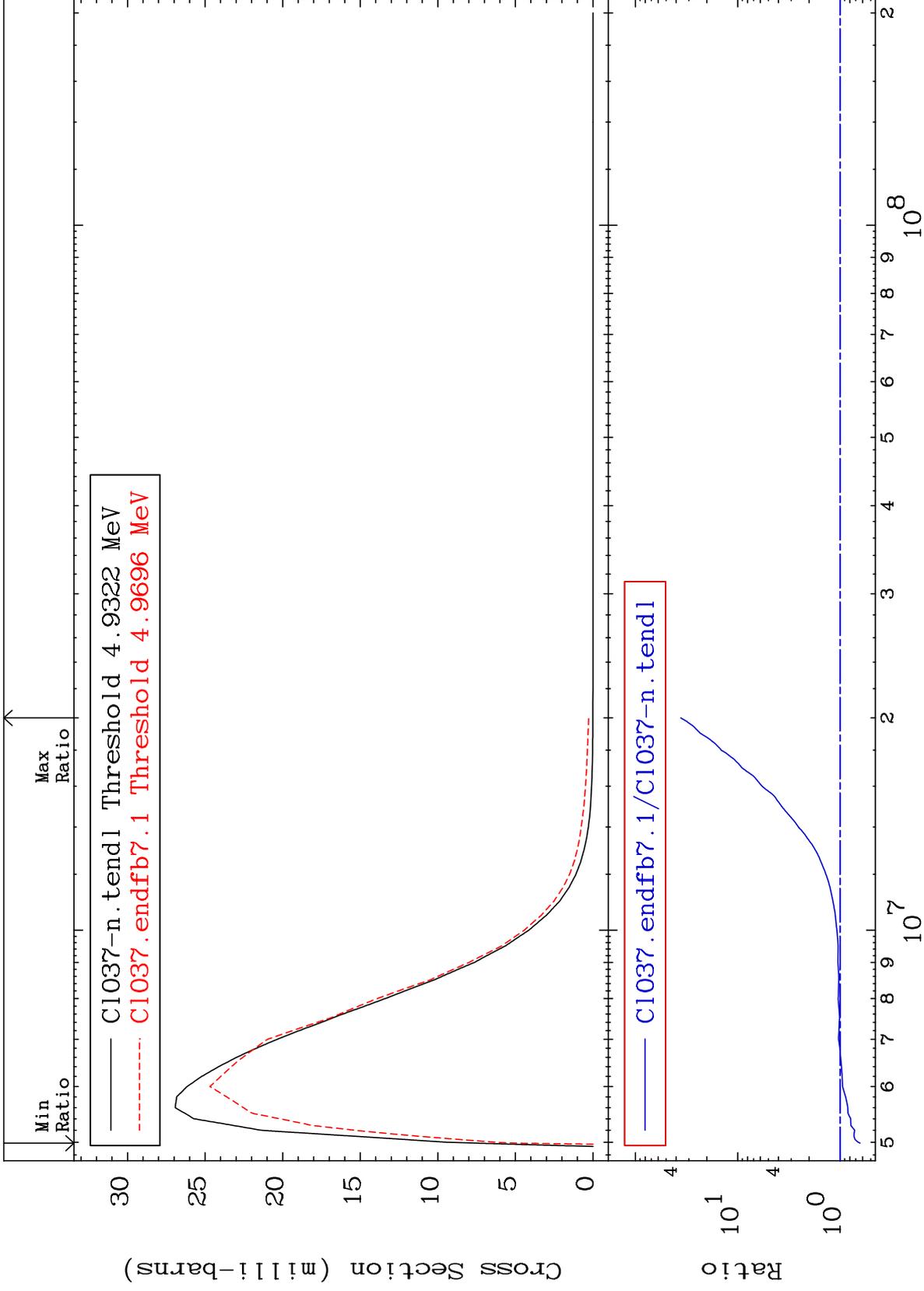




MAT 1731

4.801 MeV (n,n') Level
Cross Section

17-Cl-37
-36.46 To 3502. %



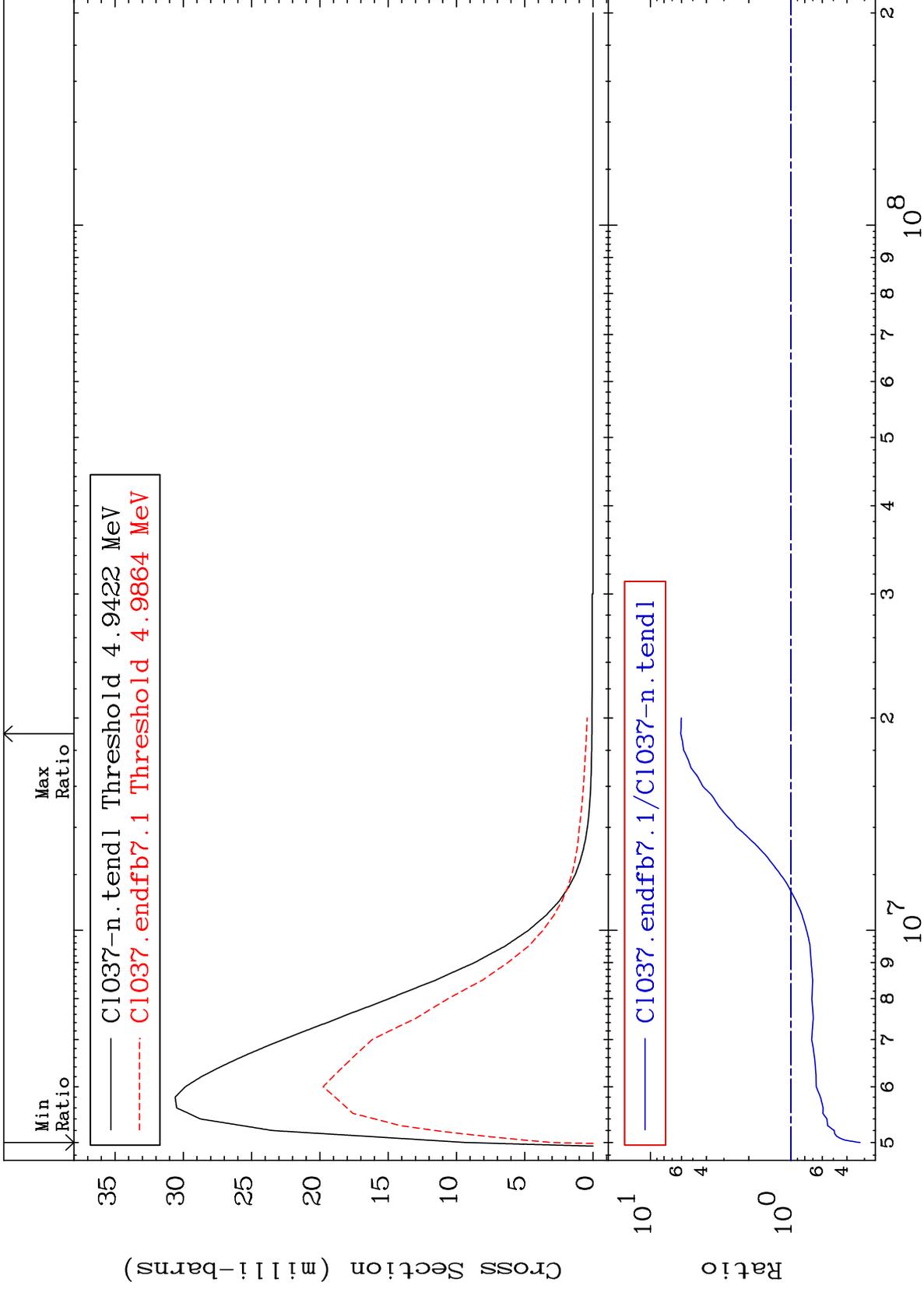
25

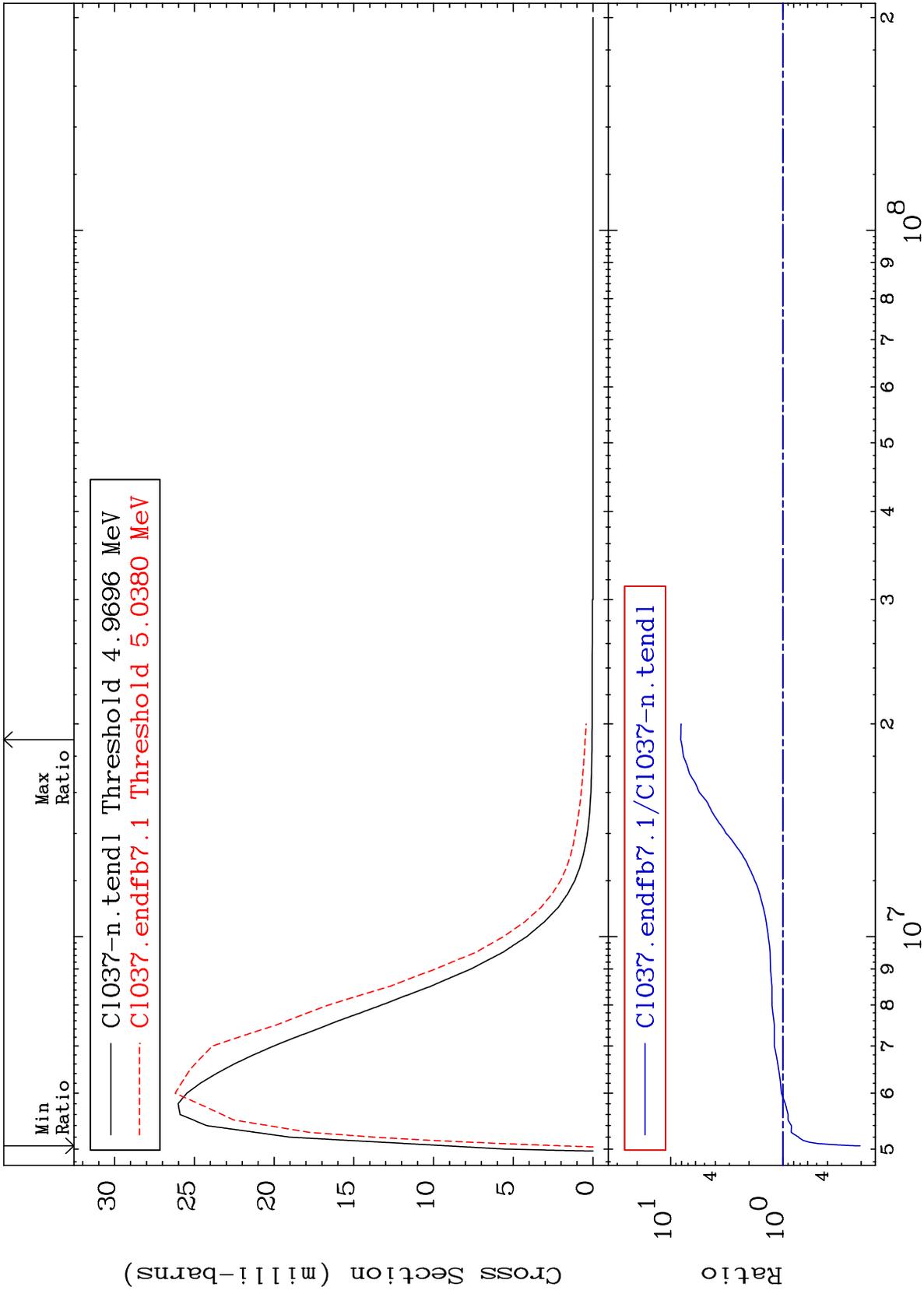
17-Cl-37

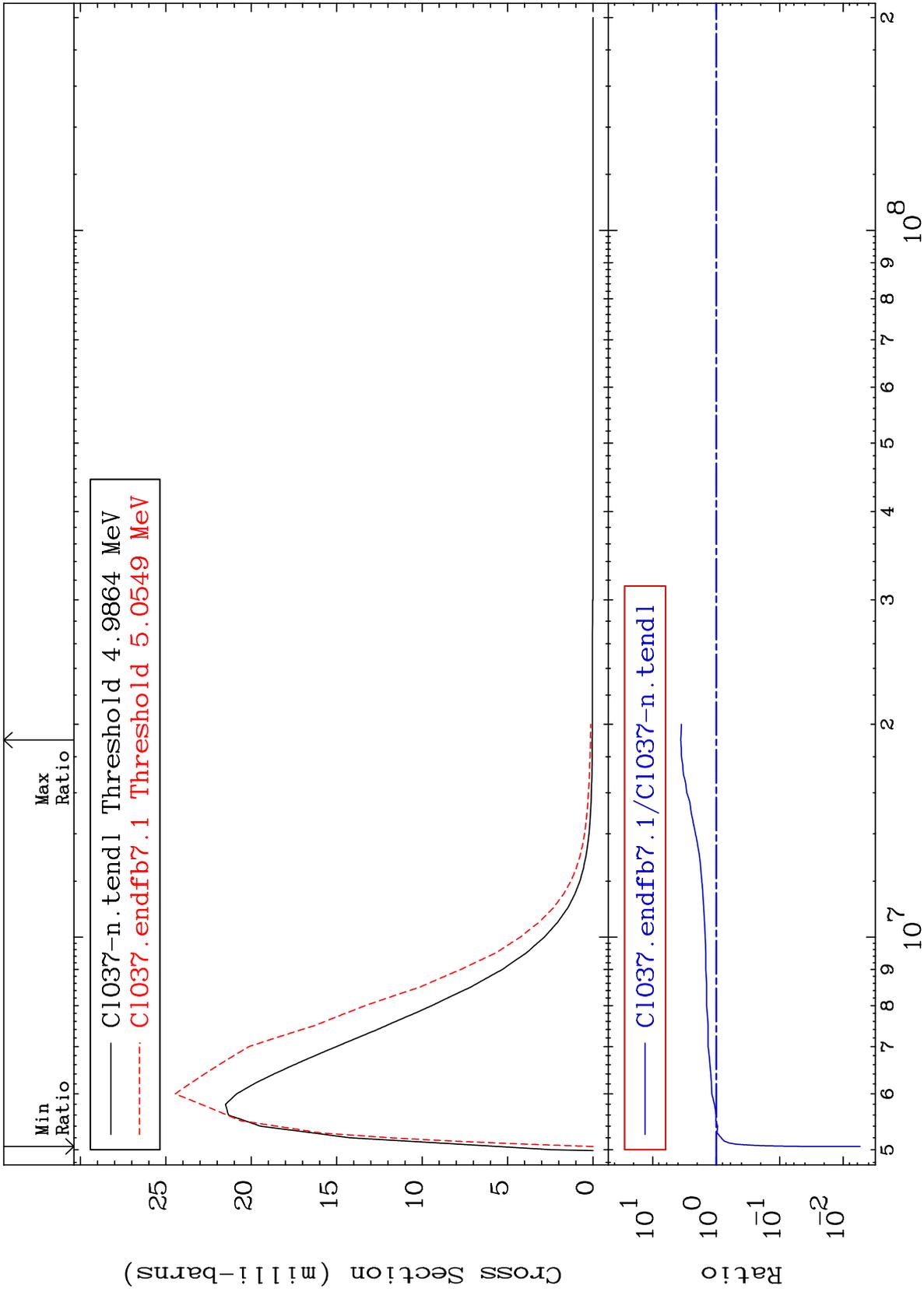
MAT 1731

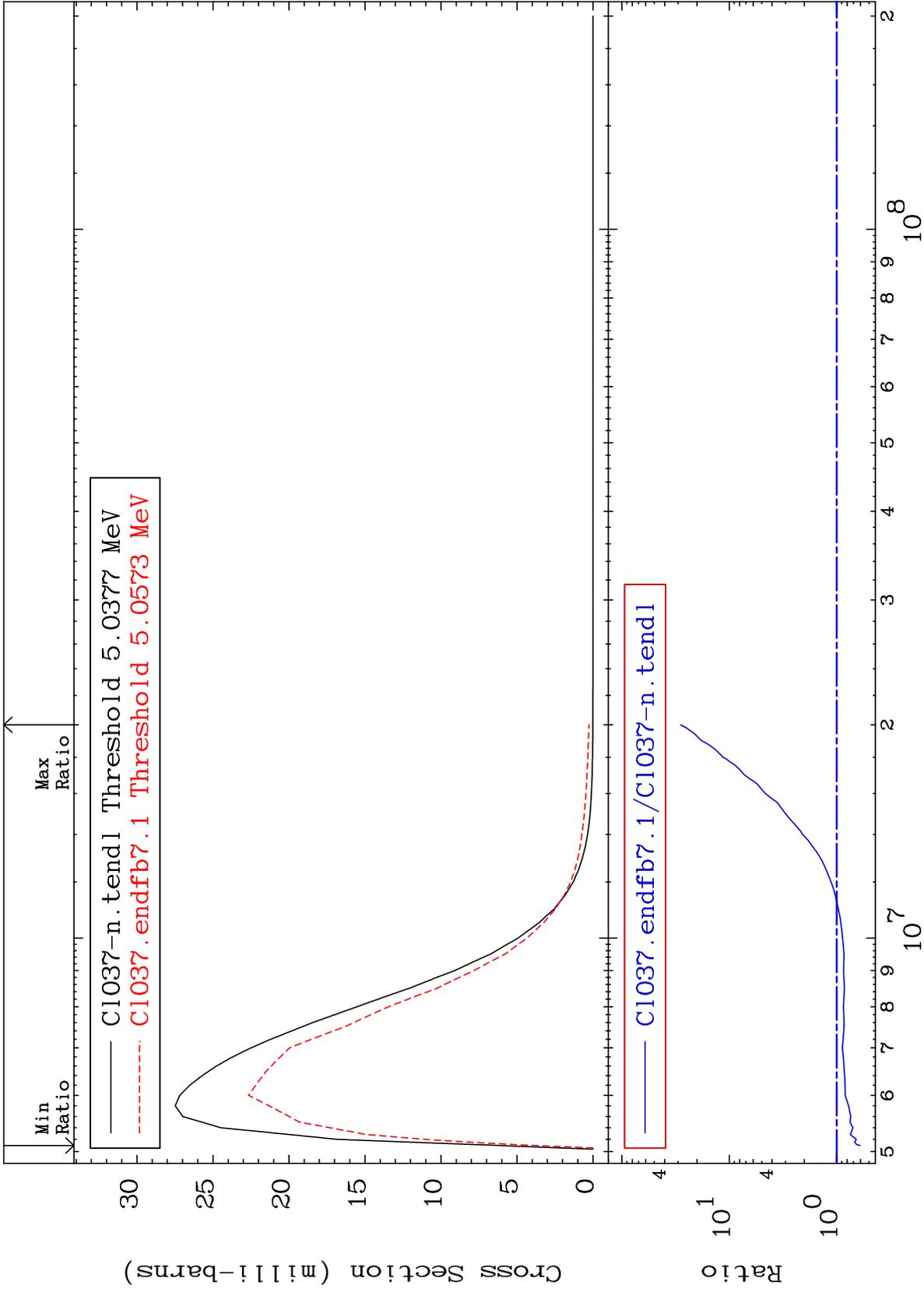
4.811 MeV (n,n') Level
Cross Section

17-Cl-37
-67.73 To 508.8 %





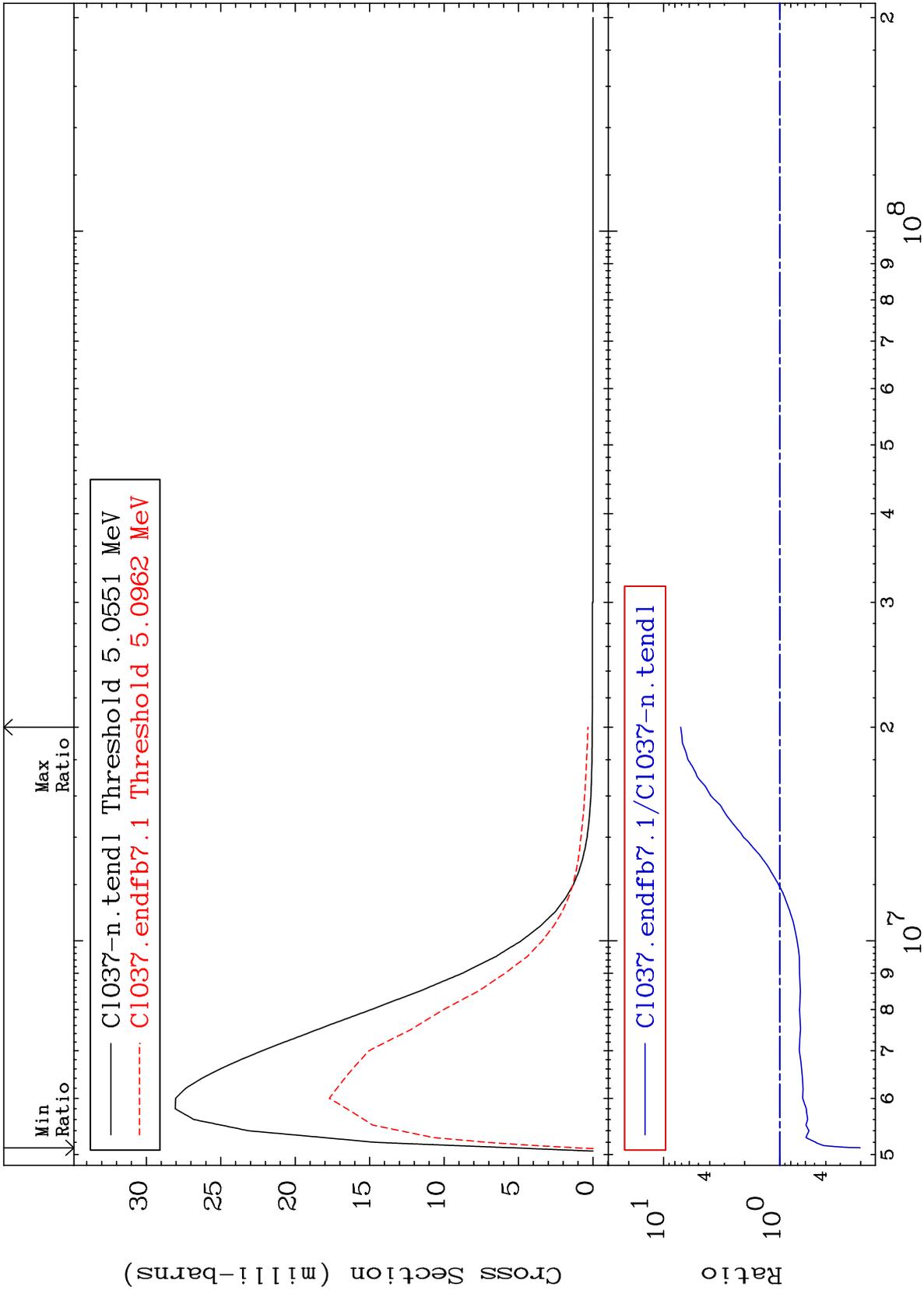




MAT 1731

4.921 MeV (n,n') Level
Cross Section

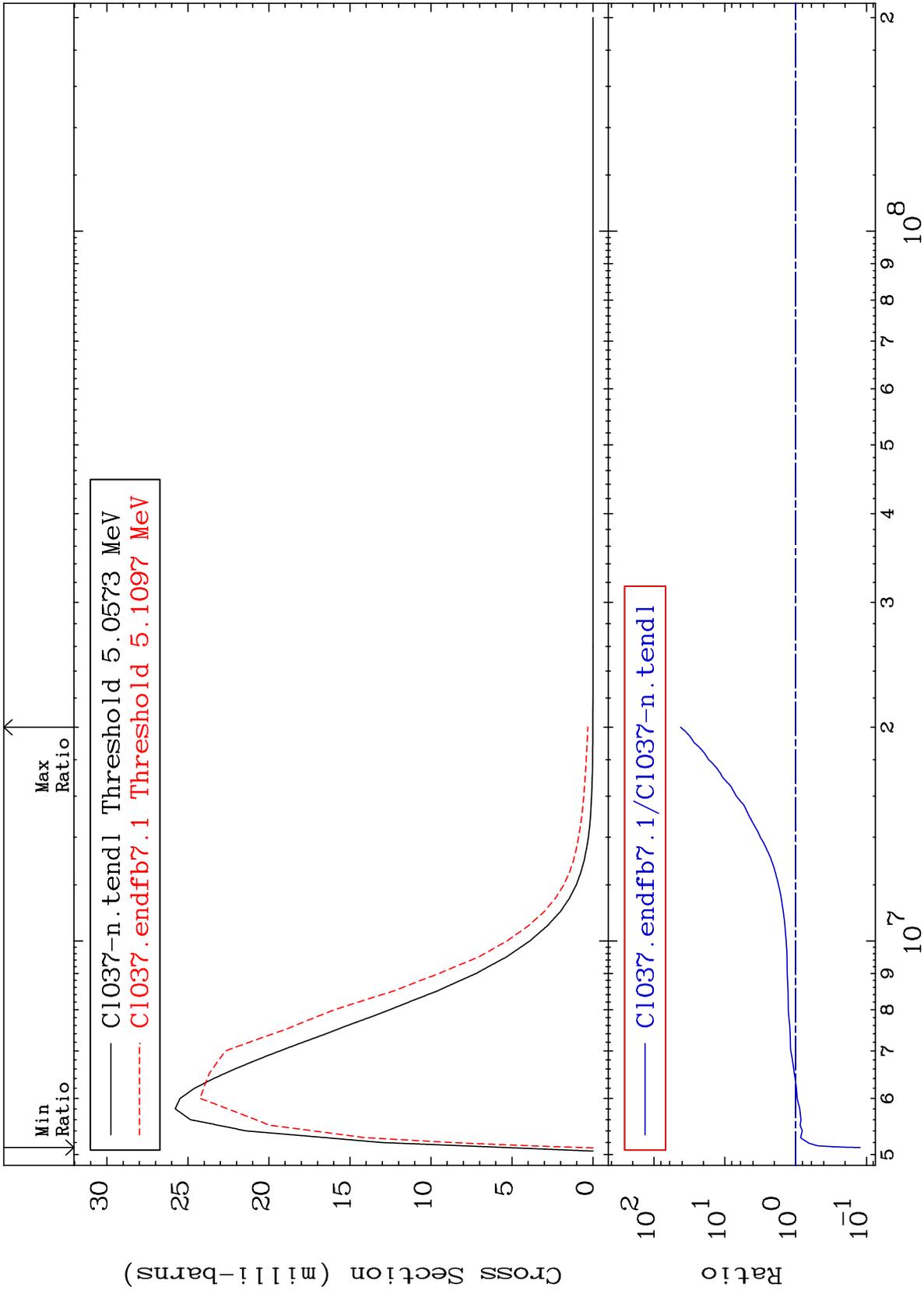
17-Cl-37
-79.77 To 611.8 %

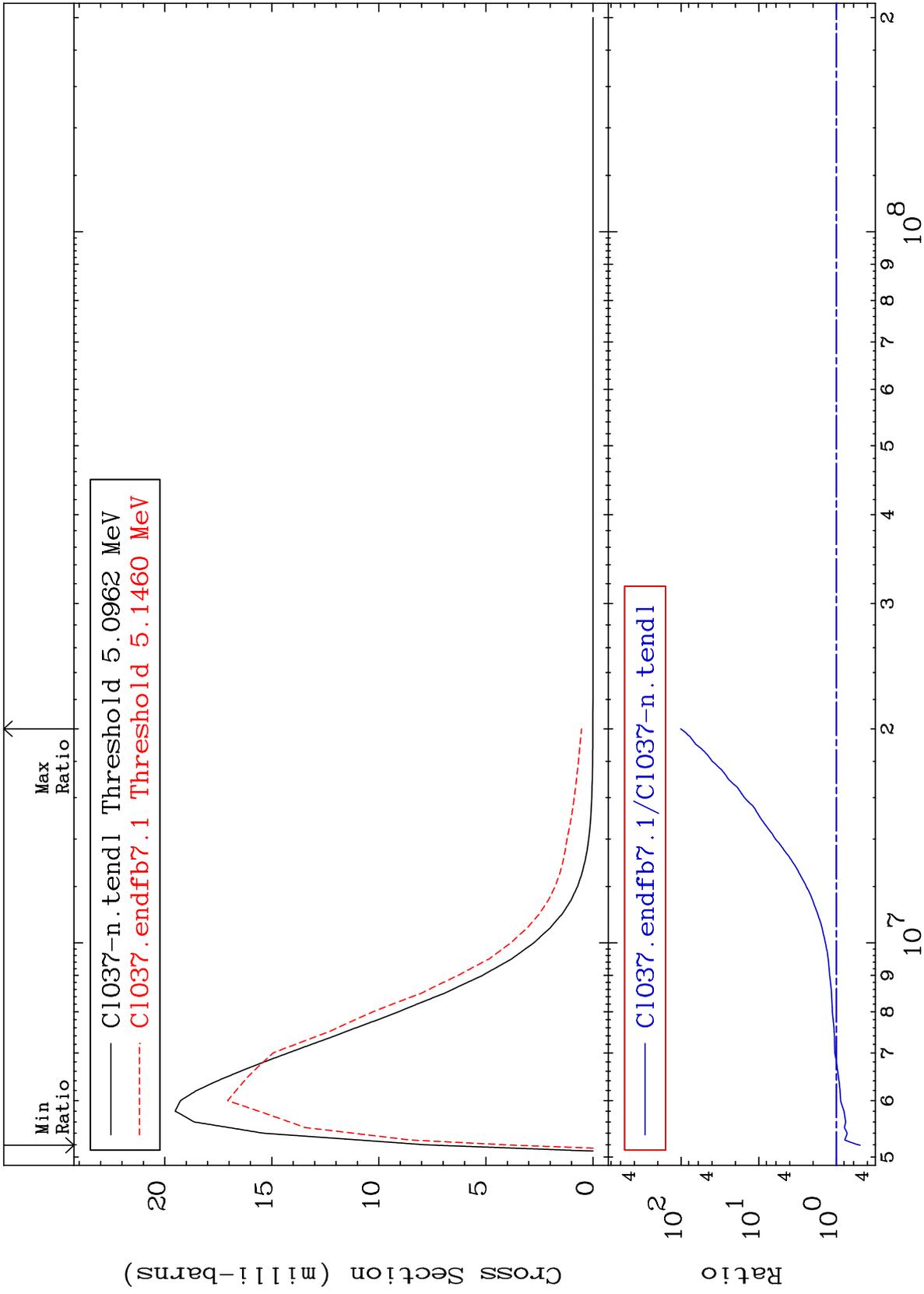


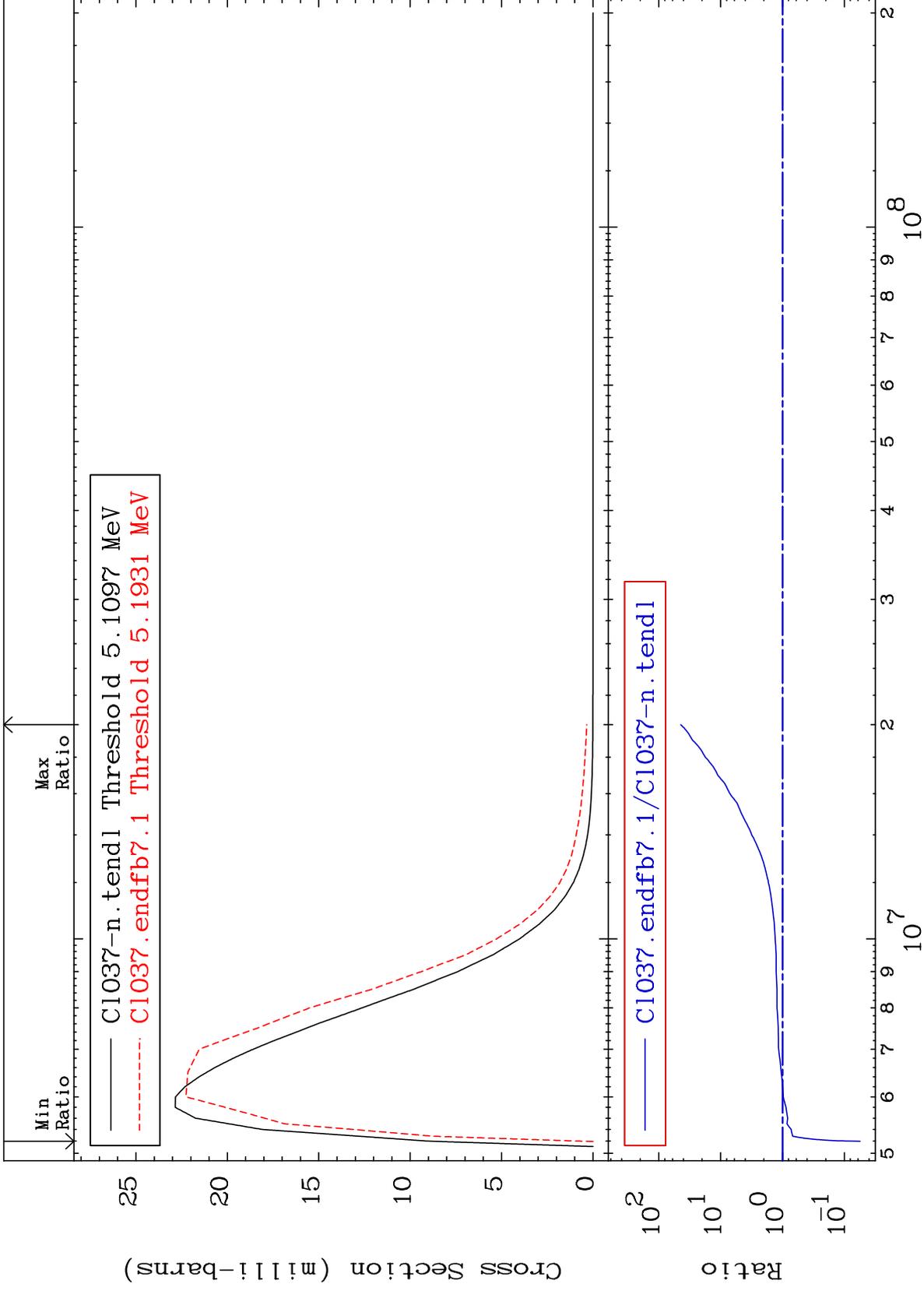
30

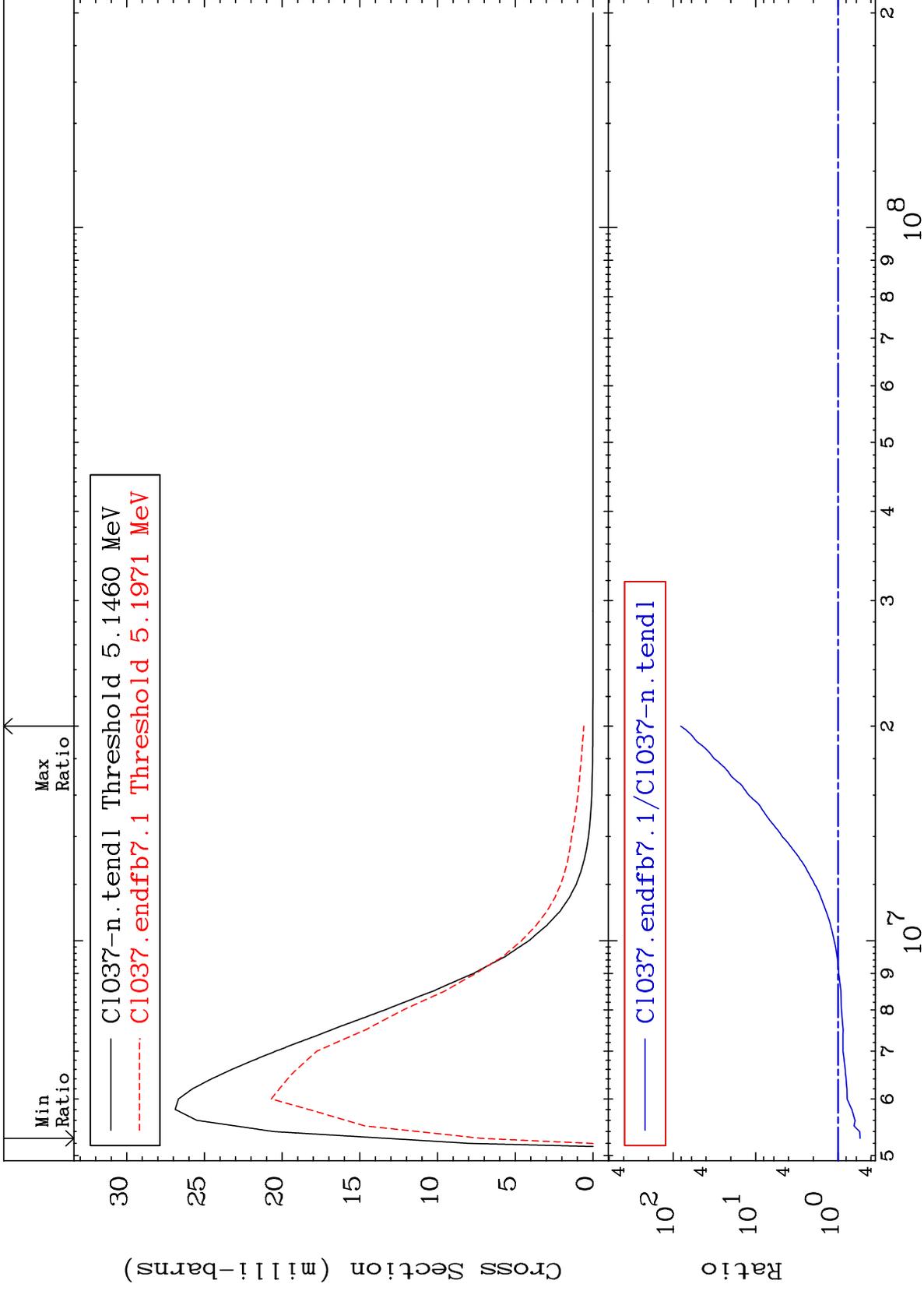
17-Cl-37

17-Cl-37





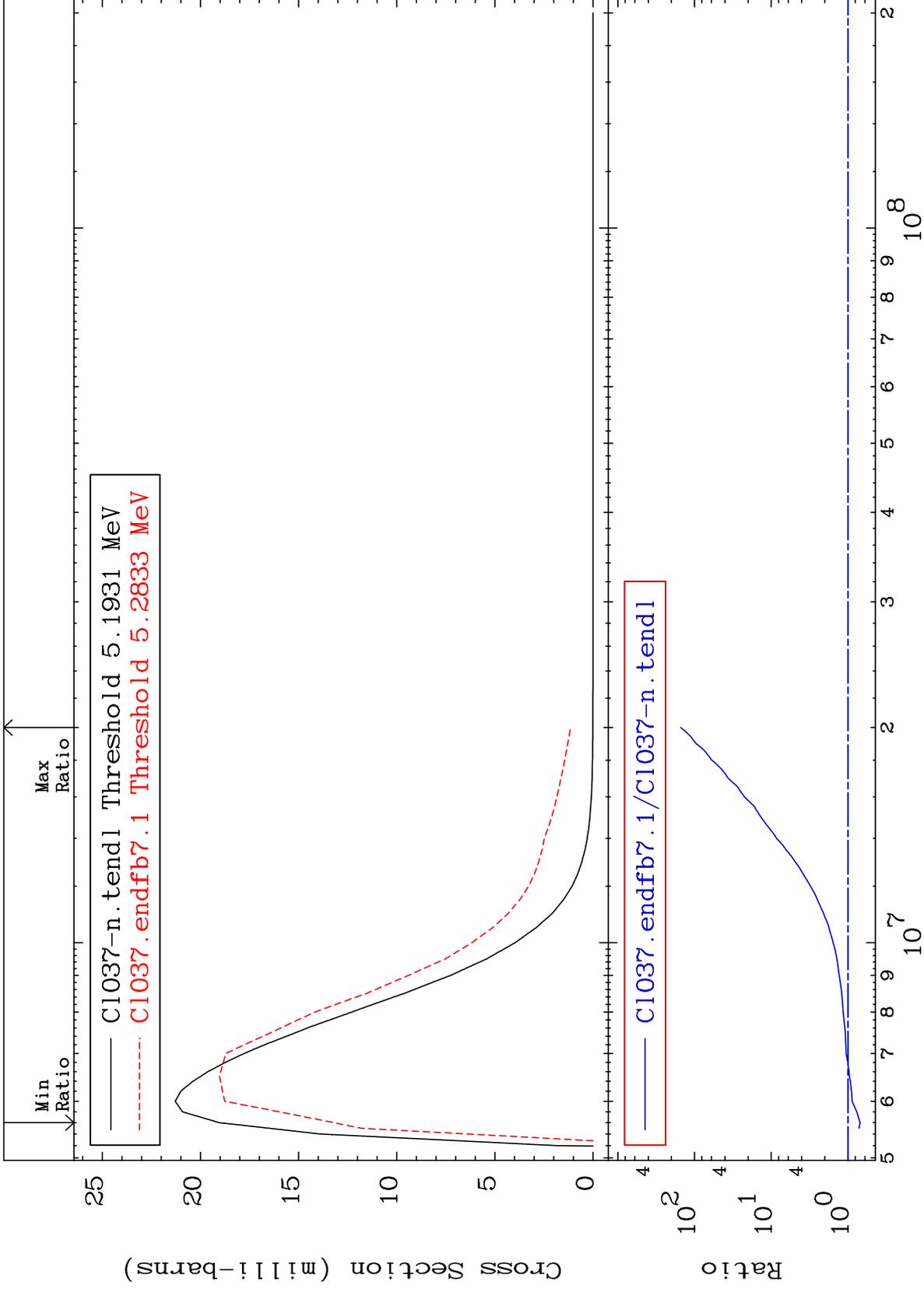




MAT 1731

5.055 MeV (n,n') Level
Cross Section

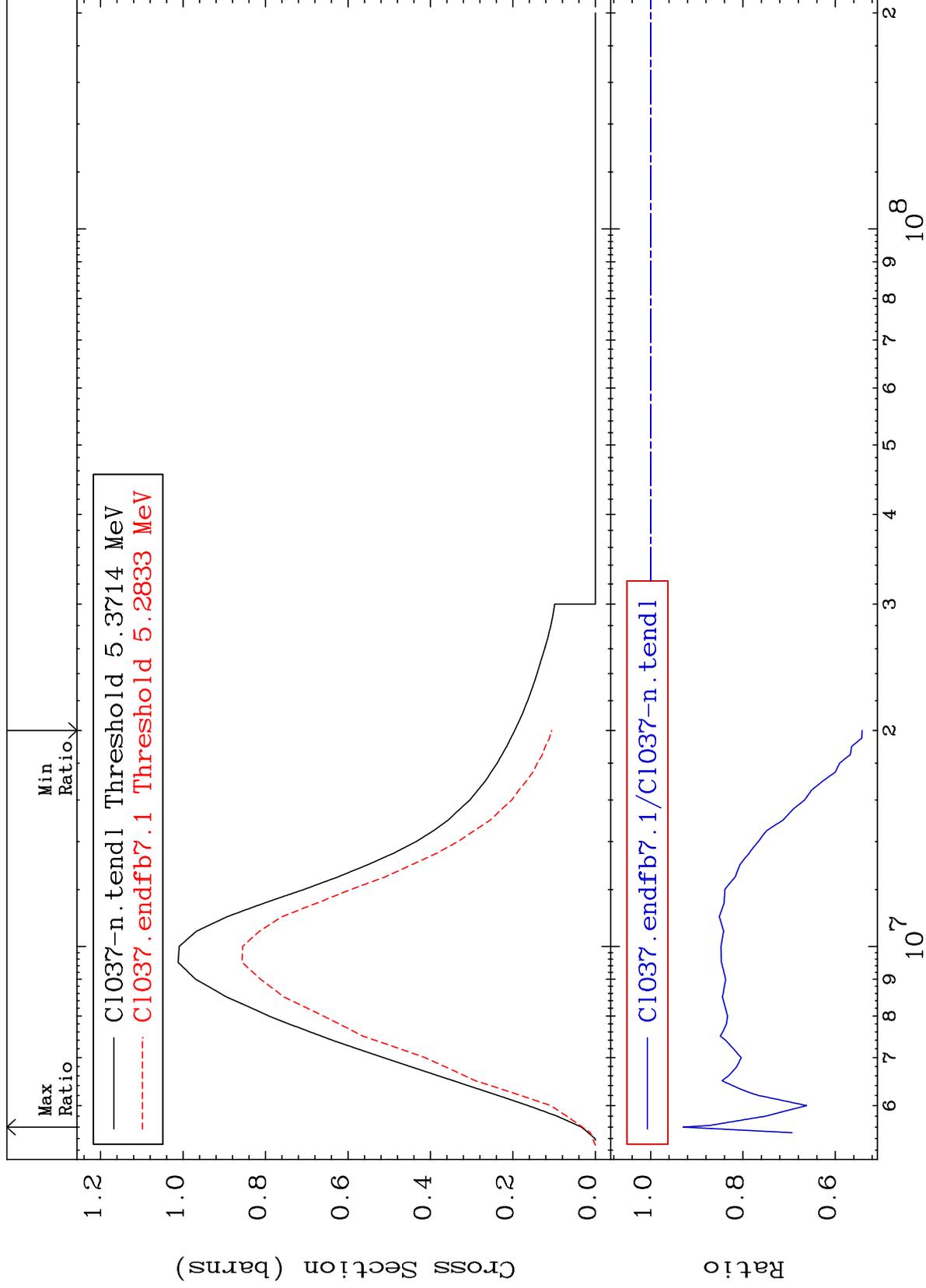
17-Cl-37
-30.69 To 9999. %



35

Incident Energy (eV)

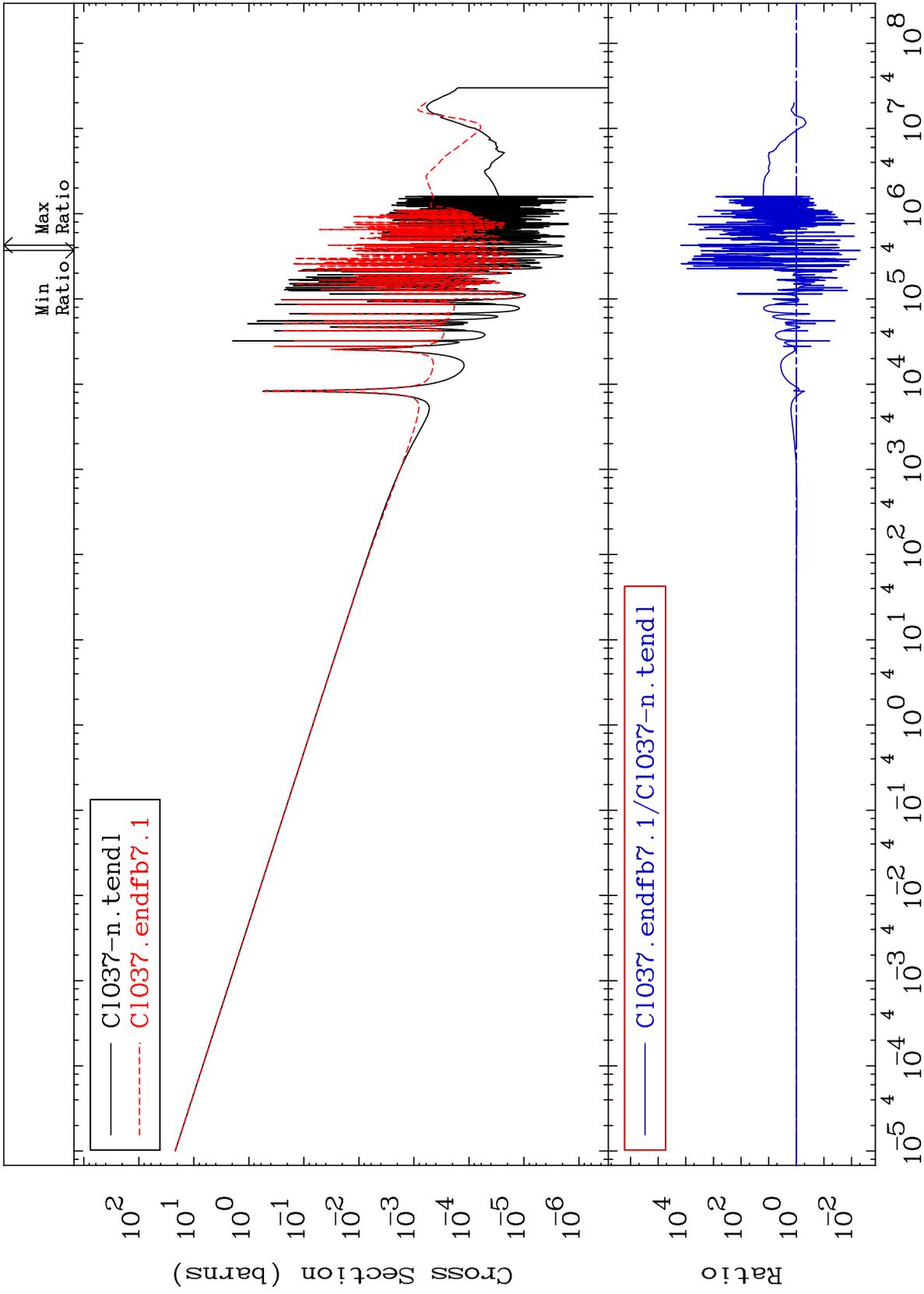
17-Cl-37



MAT 1731

(n, γ)
Cross Section

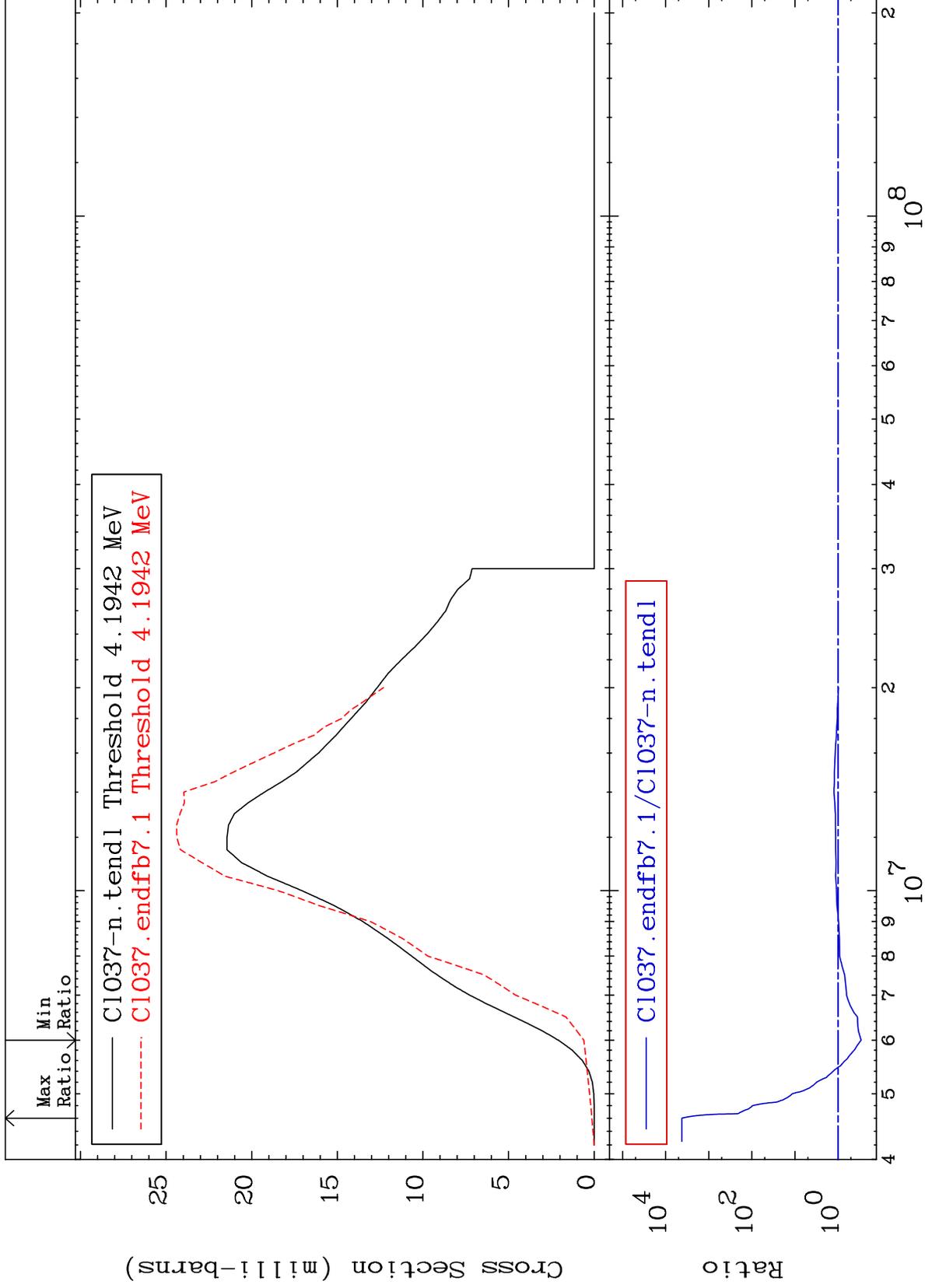
17-Cl-37
-99.51 To 9999. %



37

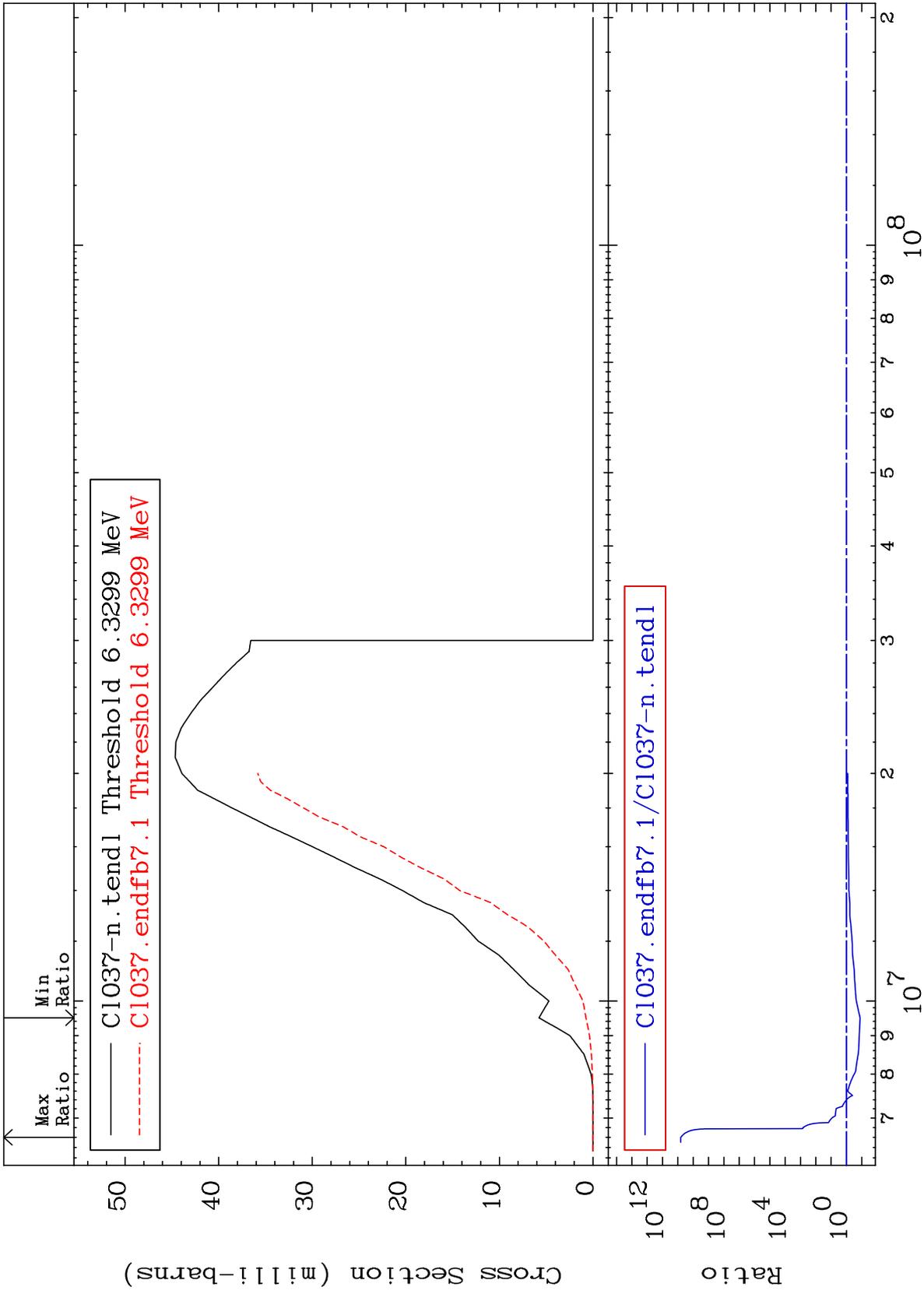
Incident Energy (eV)

17-Cl-37



Cross Section

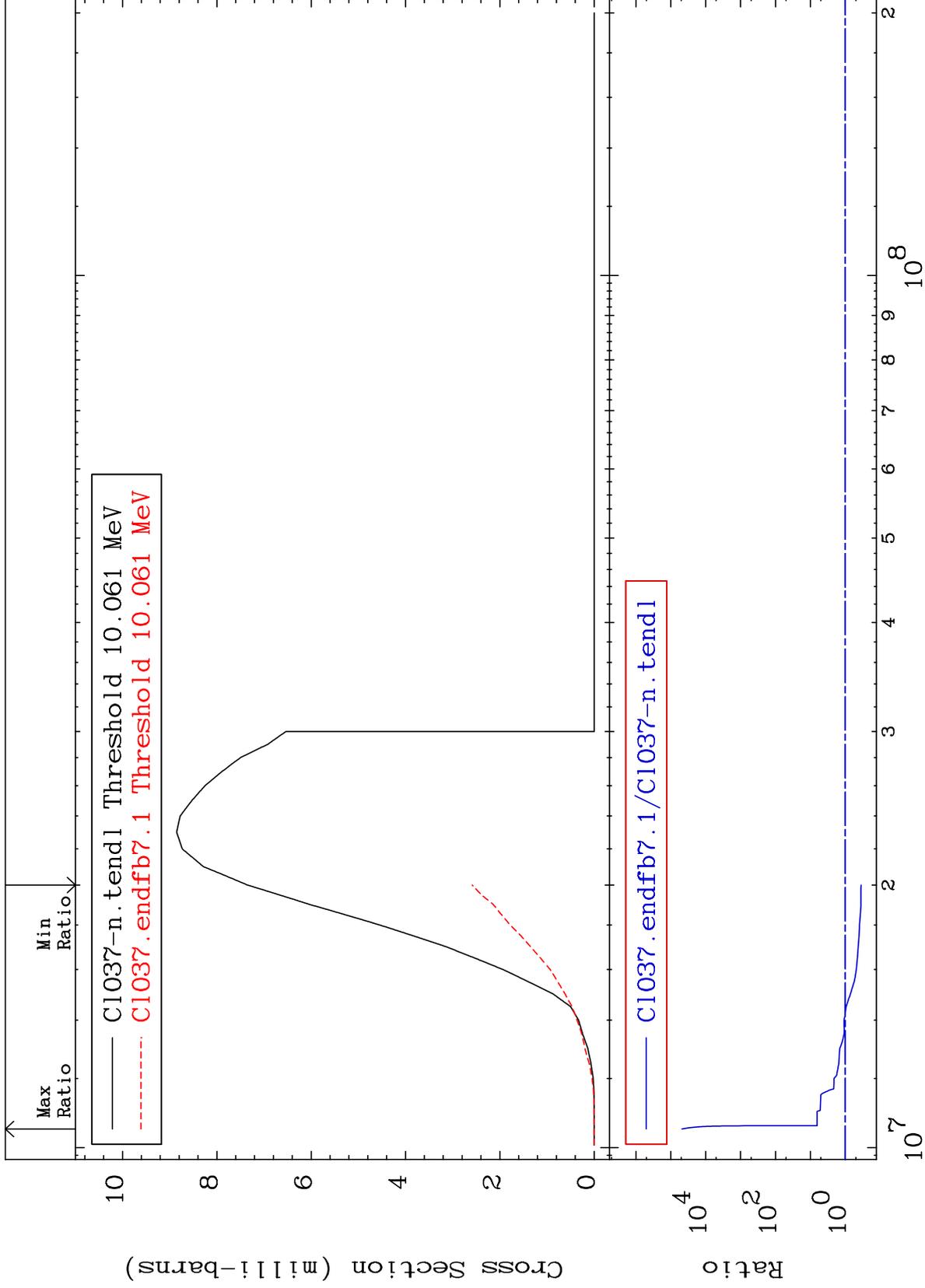
-87.03 To 9999. %



MAT 1731

(n, t)
Cross Section

17-Cl-37
-64.81 To 9999. %



17-Cl-37

40

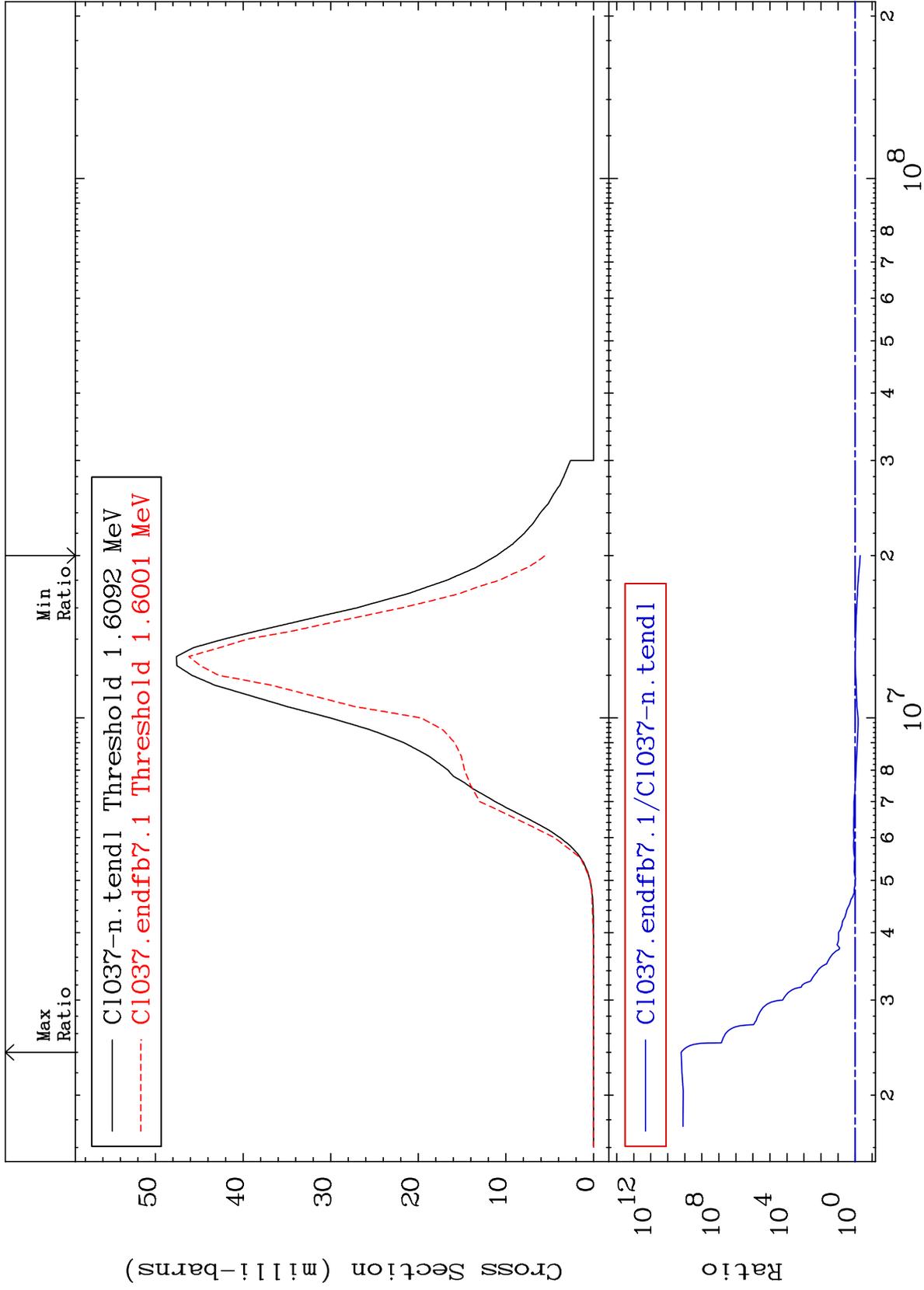
MAT 1731

(n, α)

17-Cl-37

Cross Section

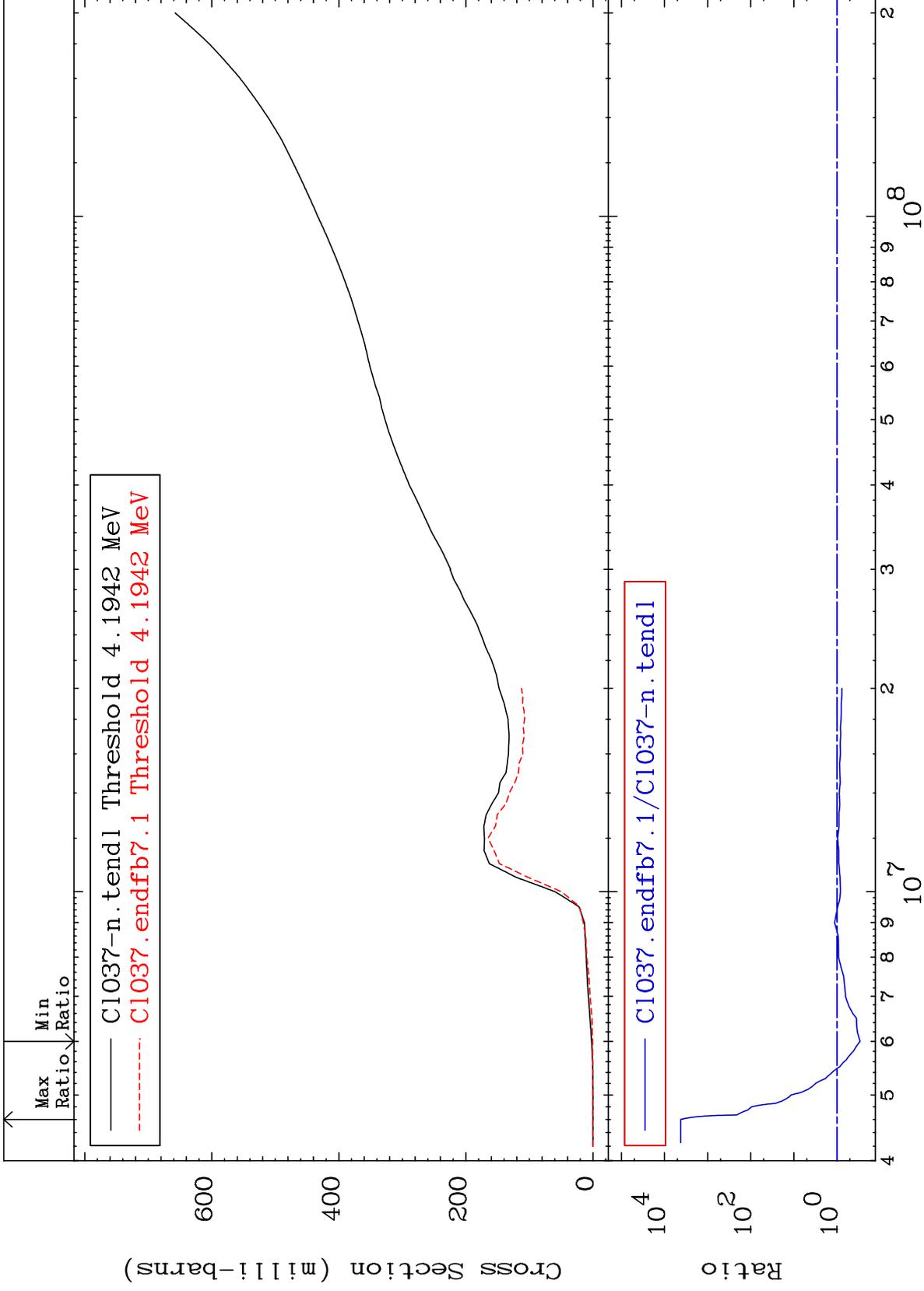
-50.13 To 9999. %



MAT 1731

Hydrogen Production Cross Section

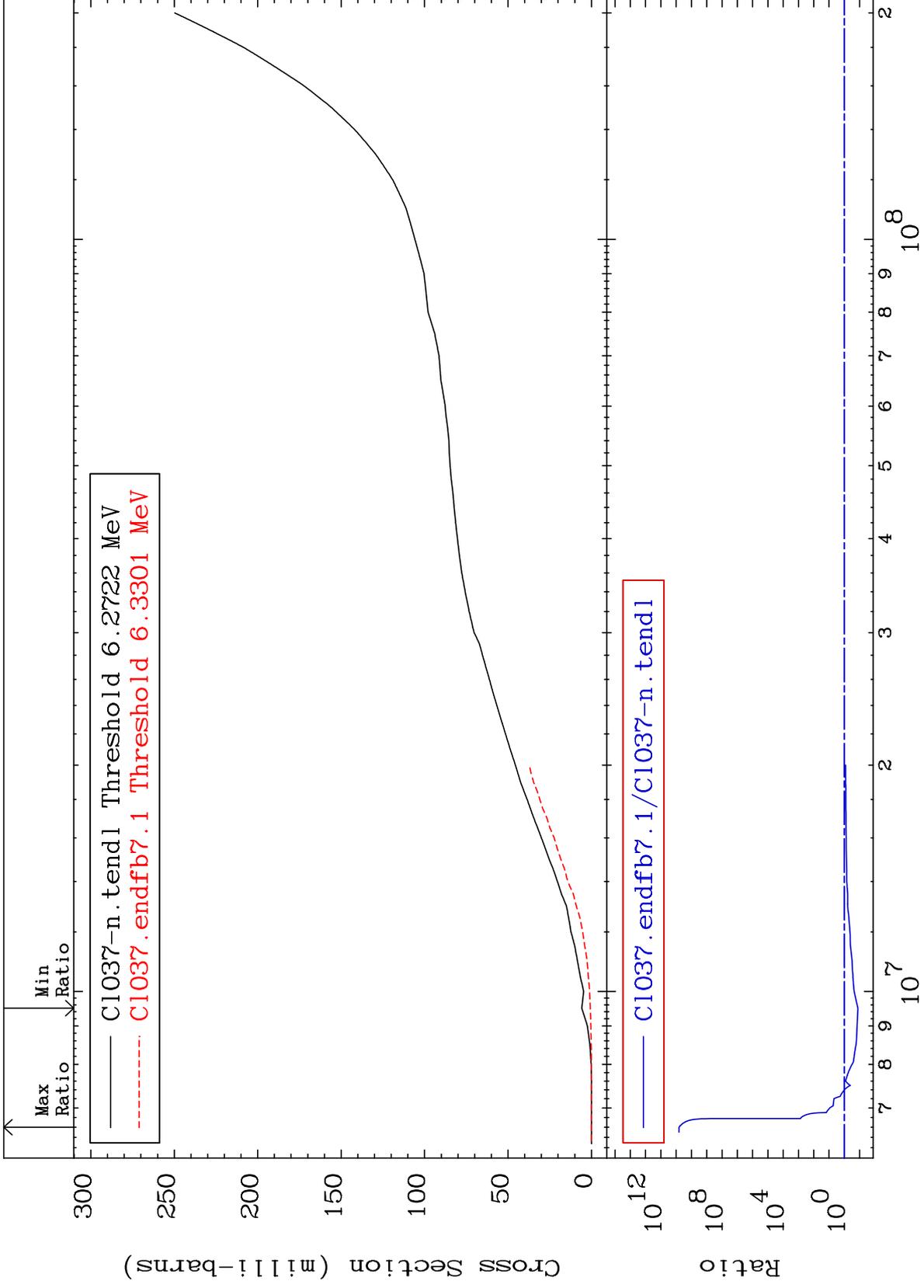
17-Cl-37
-70.96 To 9999. %

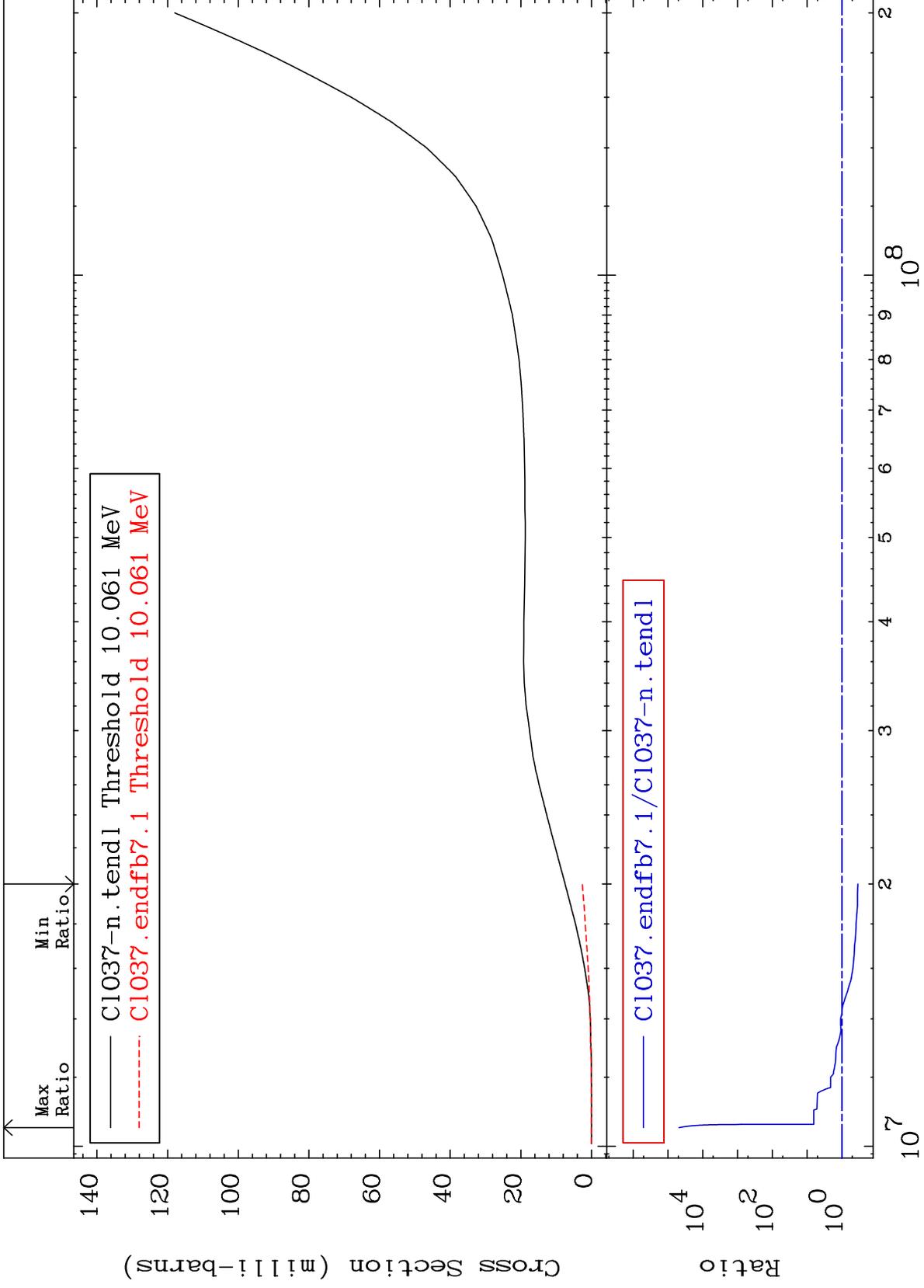


42

Incident Energy (eV)

17-Cl-37

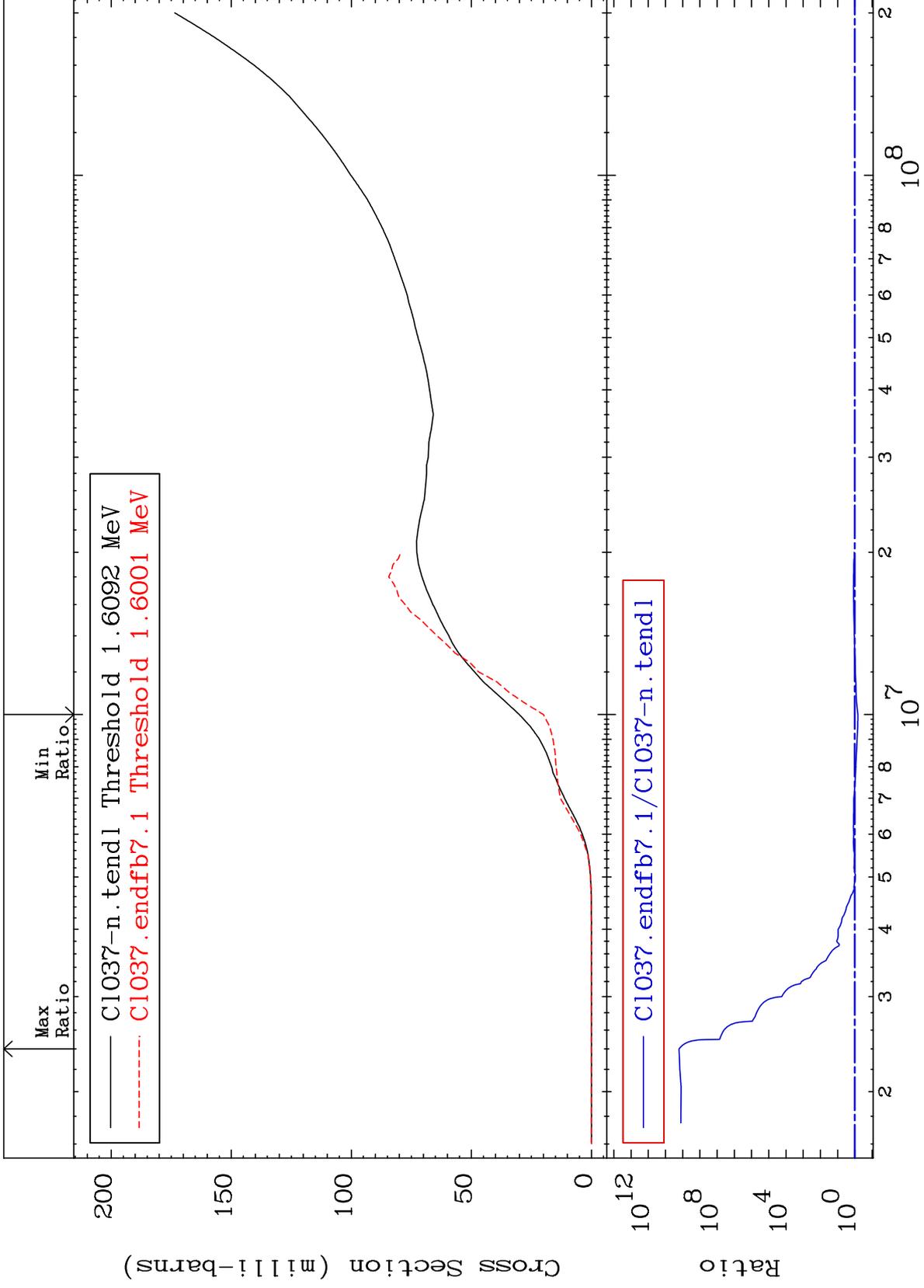


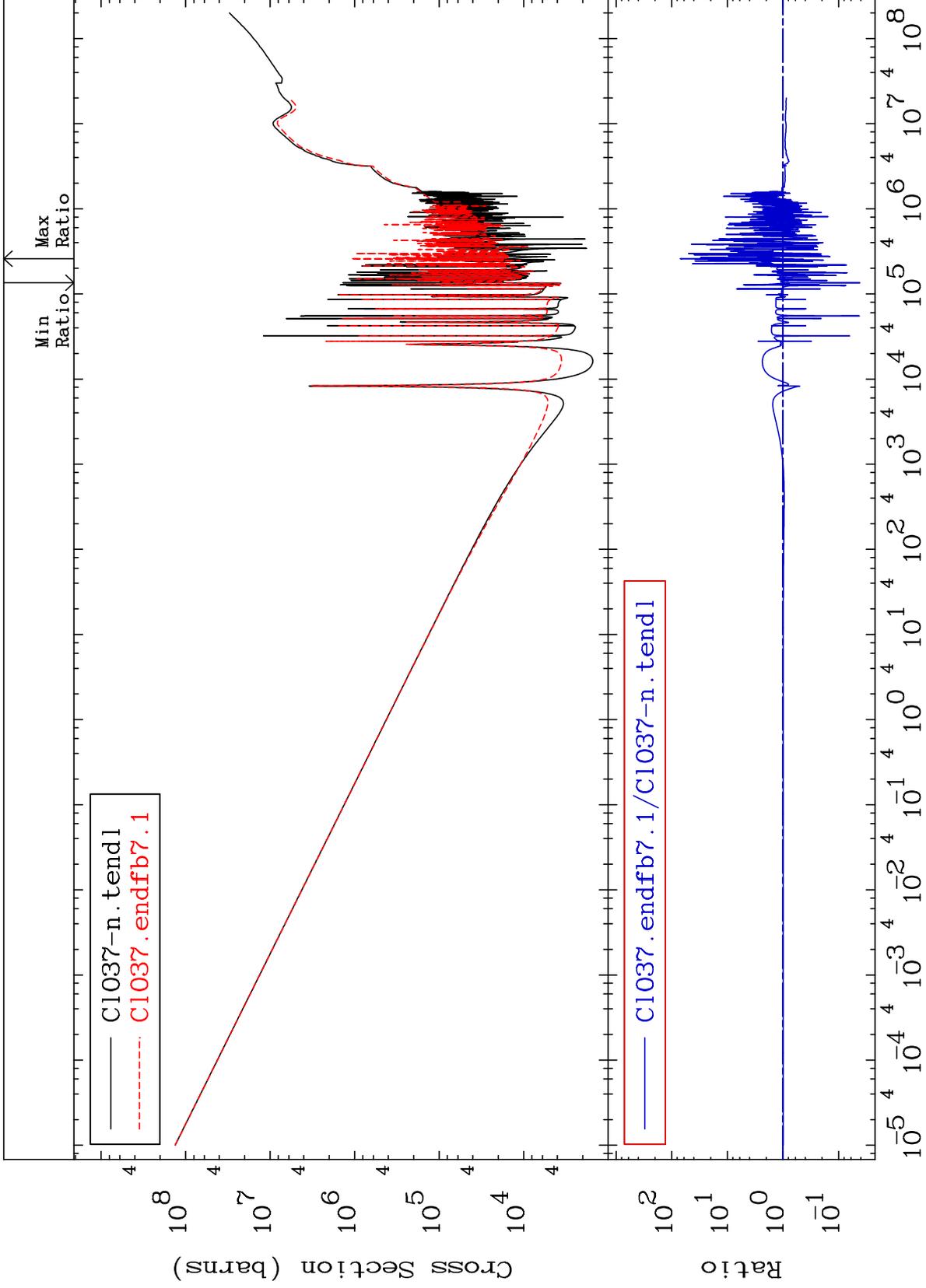


MAT 1731

He-4 Production
Cross Section

17-Cl-37
-33.47 To 9999. %

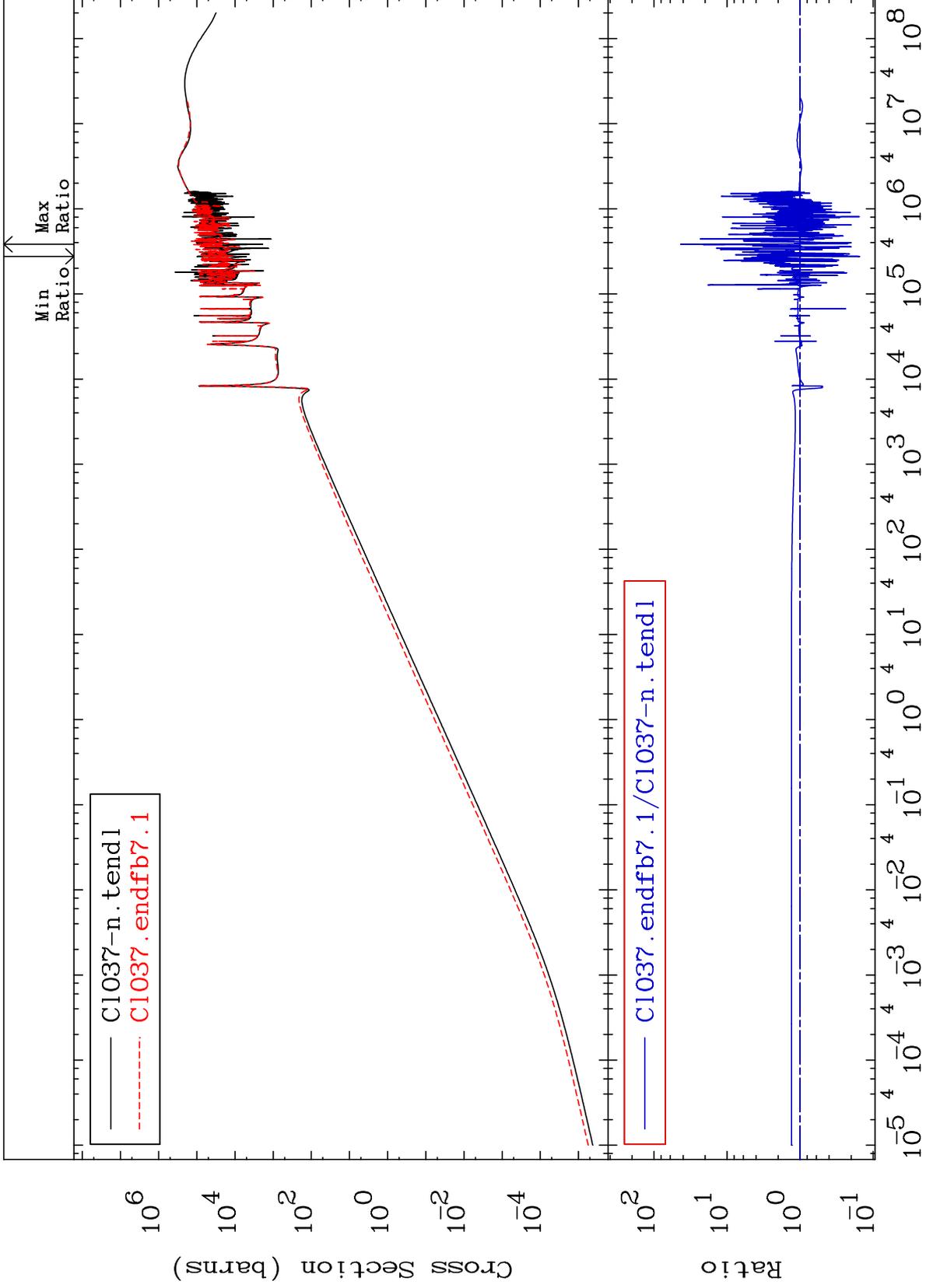


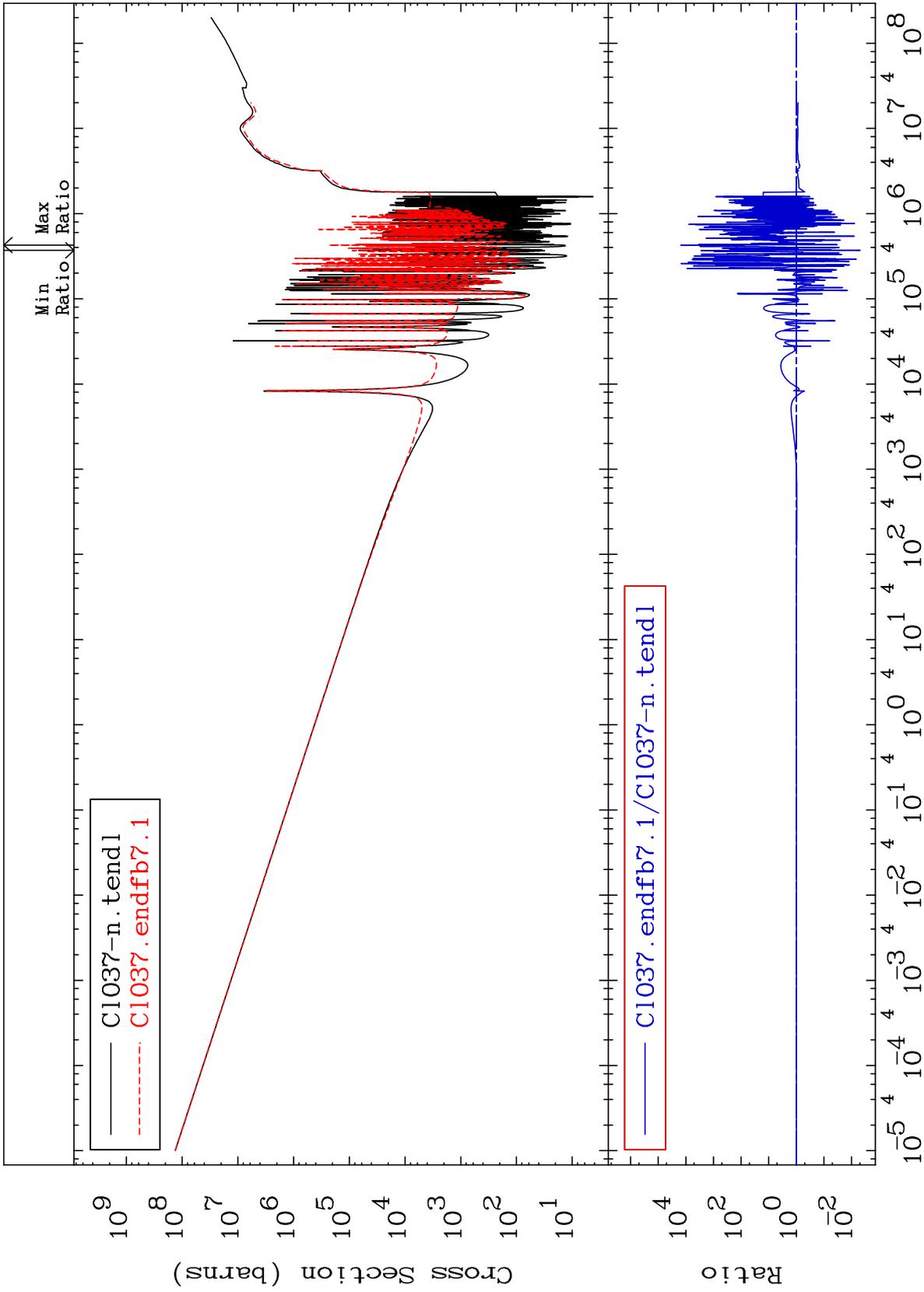


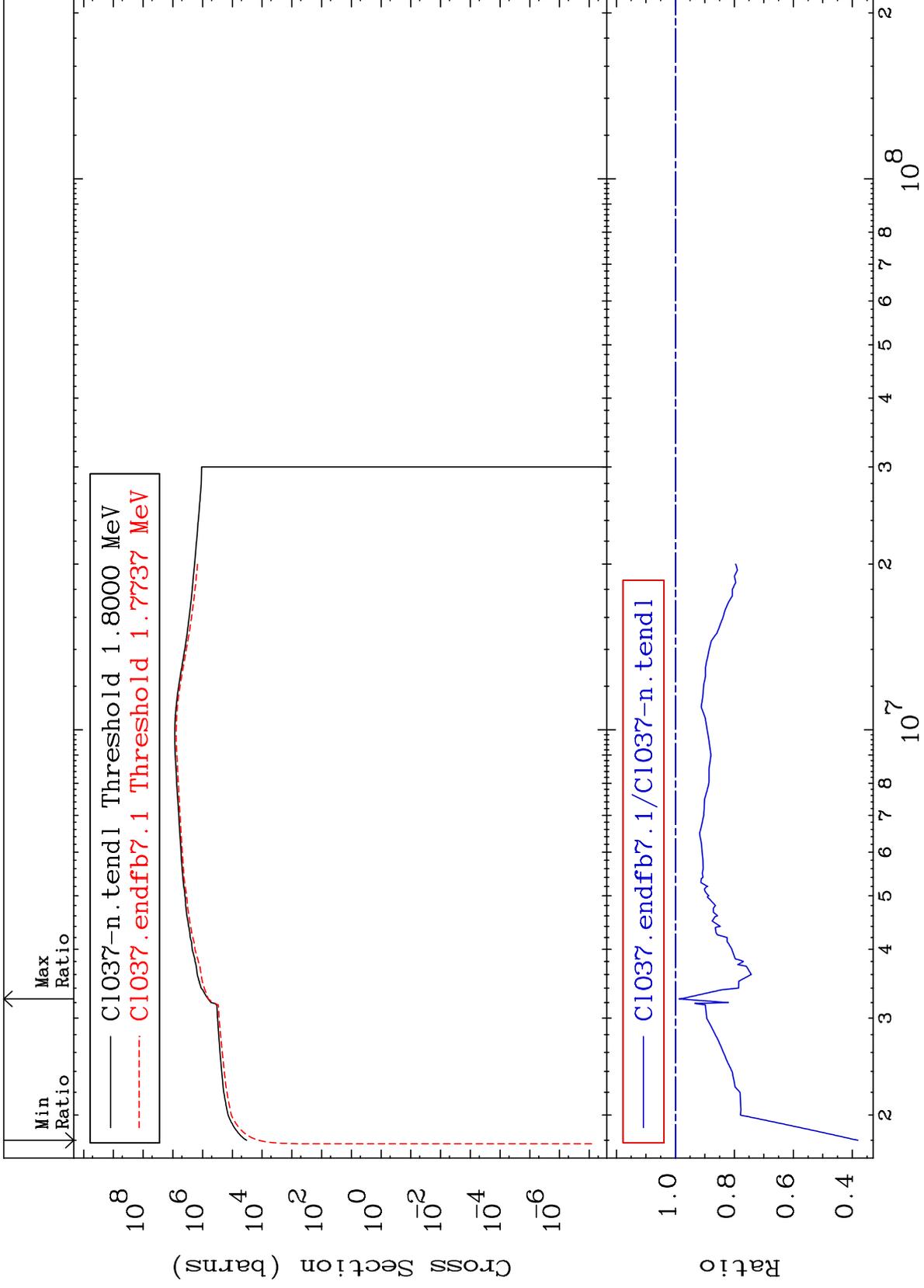
MAT 1731

Kerma elastic
Cross Section

17-Cl-37
-84.76 To 4239. %



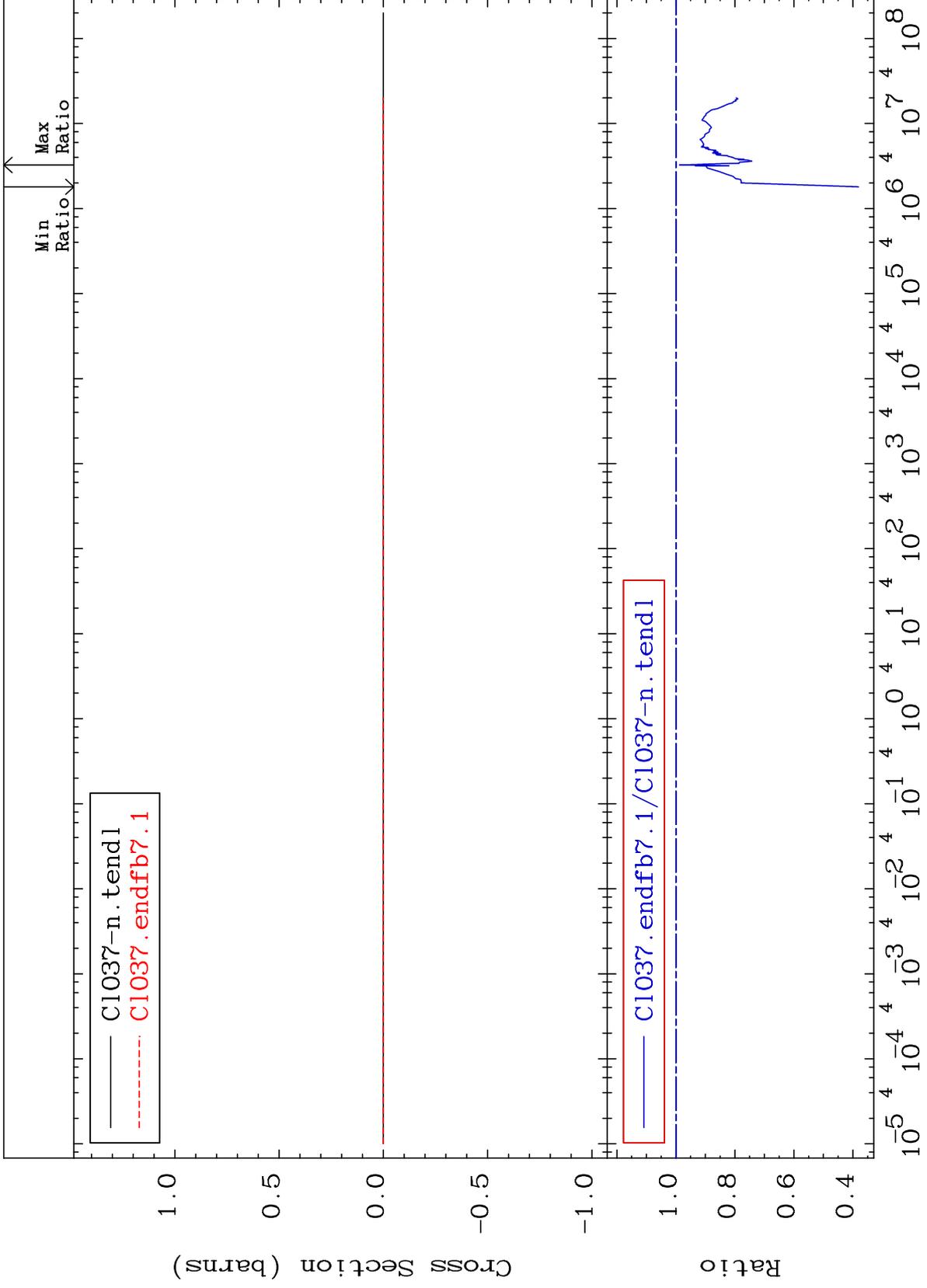




MAT 1731

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

17-Cl-37
-61.93 To -1.237%



50

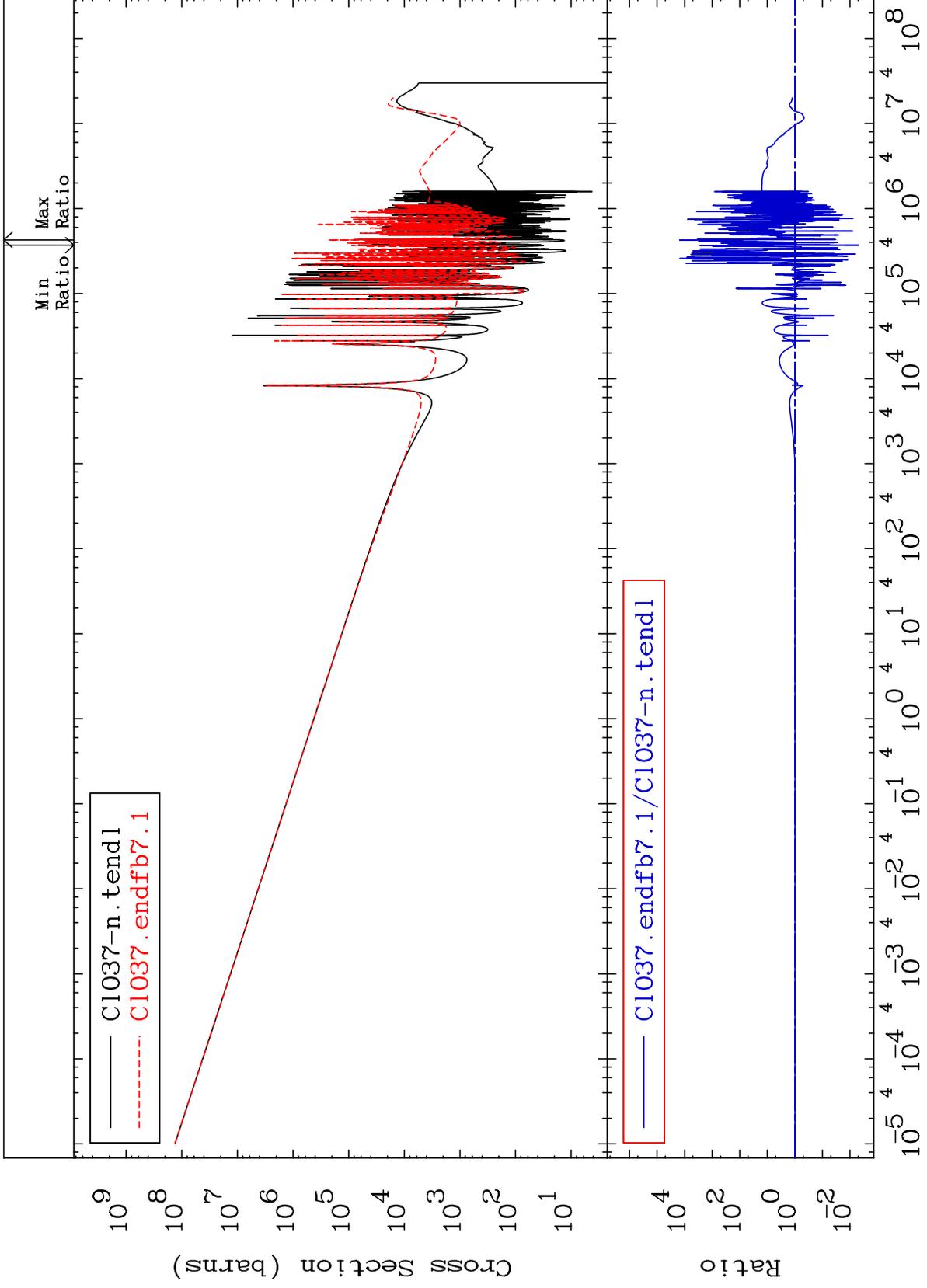
Incident Energy (eV)

17-Cl-37

MAT 1731

Kerma capture (mt102)
Cross Section

17-Cl-37
-99.51 To 9999. %



51

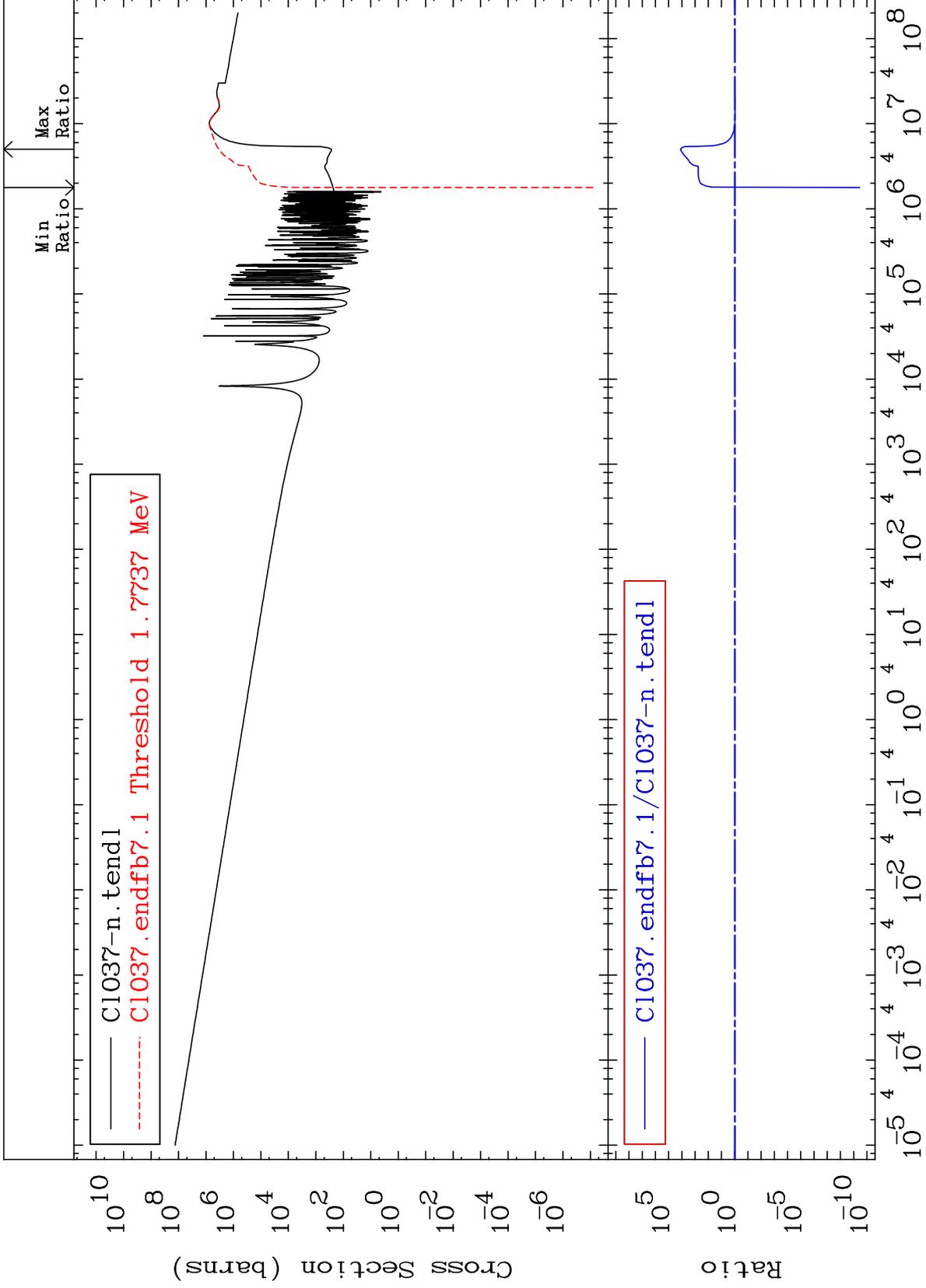
Incident Energy (eV)

17-Cl-37

MAT 1731

Total photon (eV-barns)
Cross Section

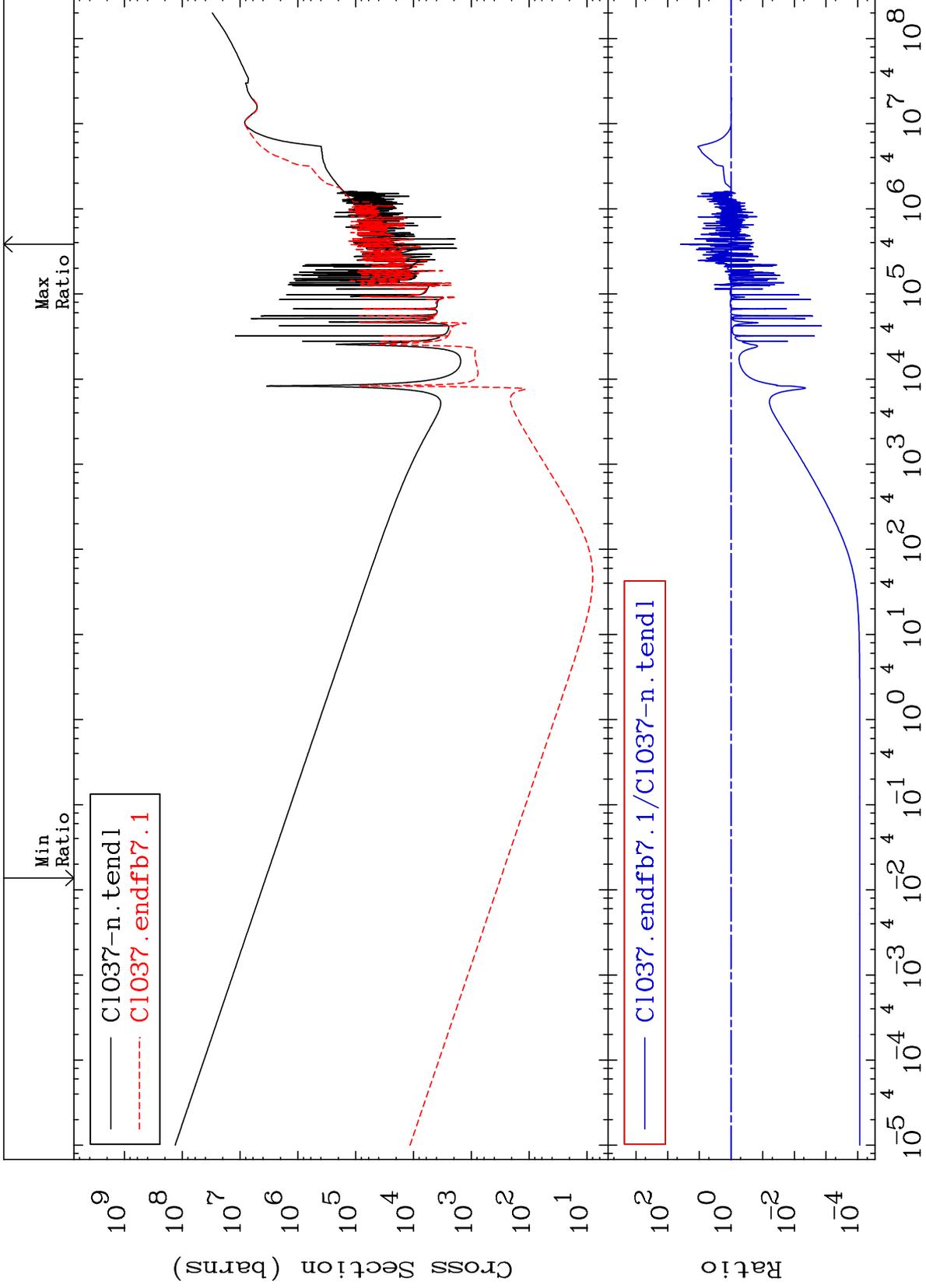
17-Cl-37
-100.0 To 9999. %

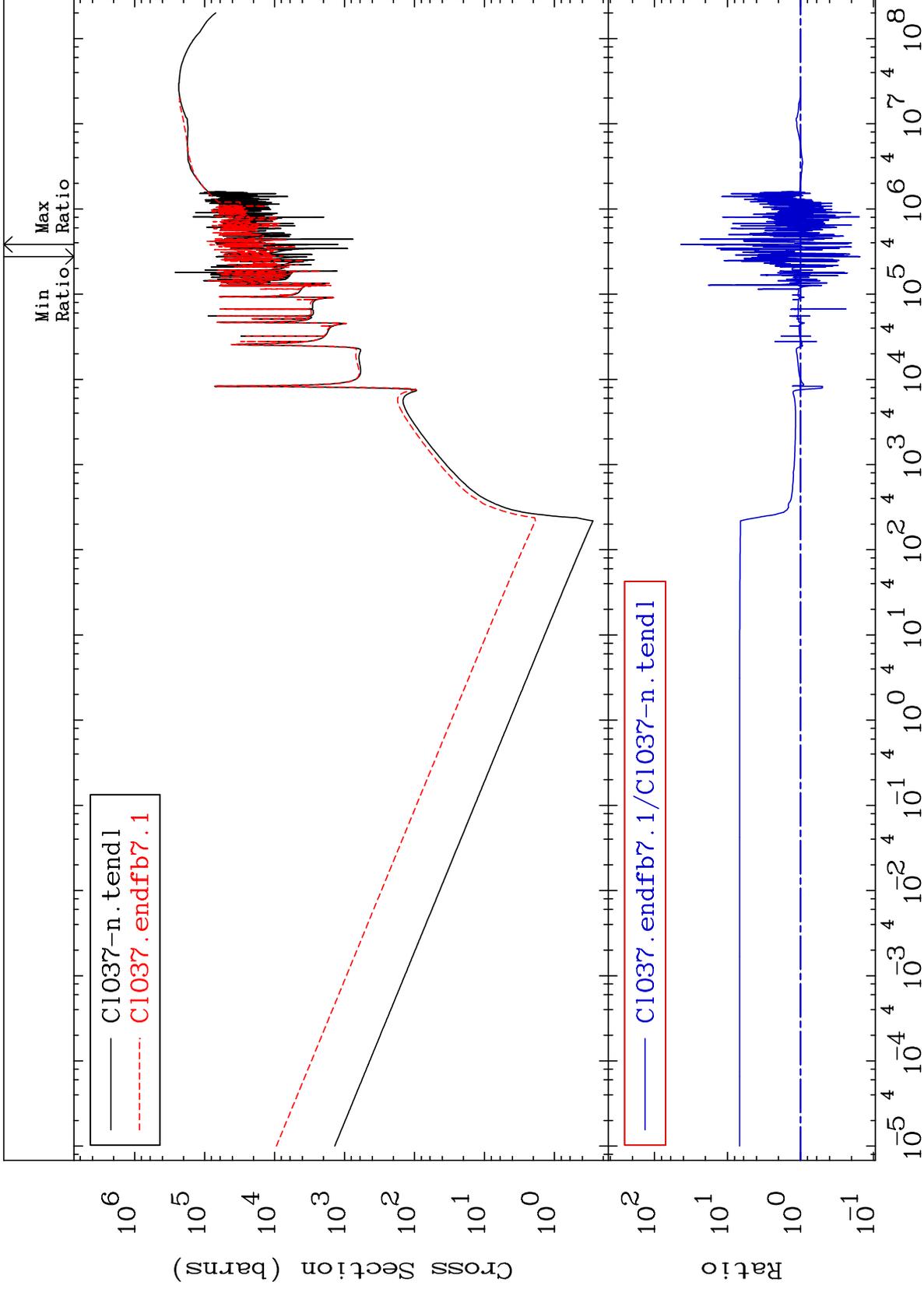


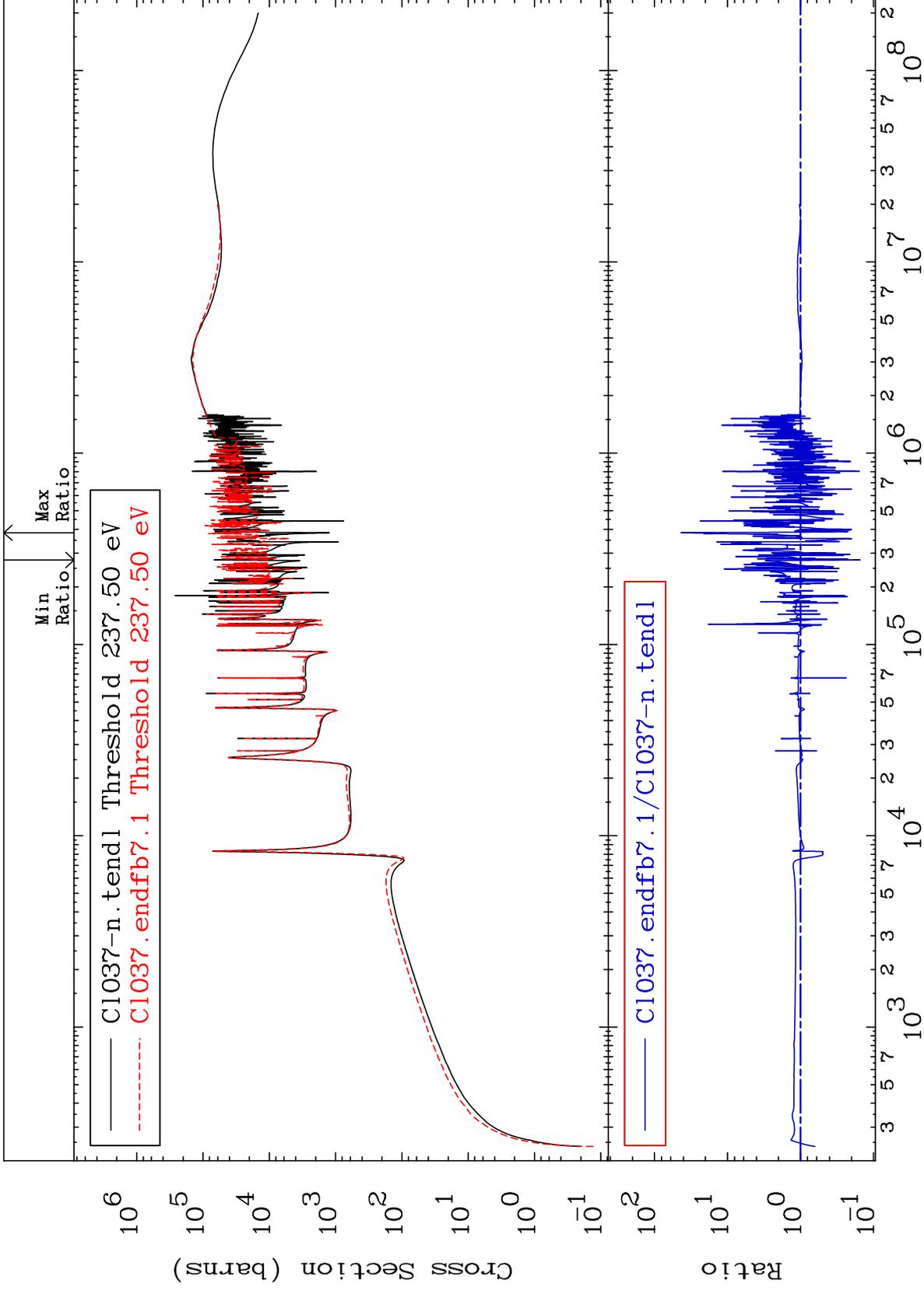
MAT 1731

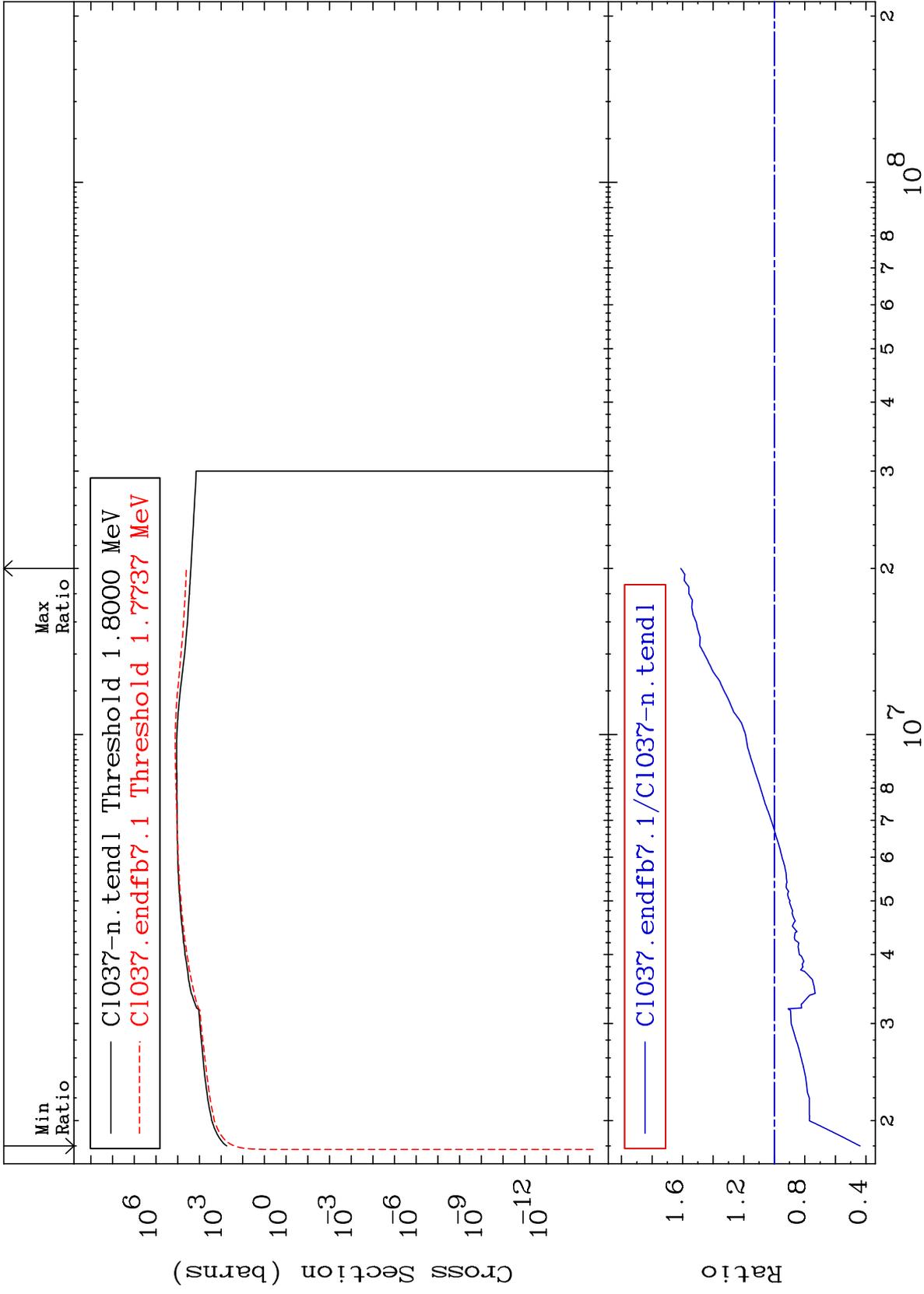
Total kinematic kerma (high limit)
Cross Section

17-Cl-37
-99.99 To 3823. %





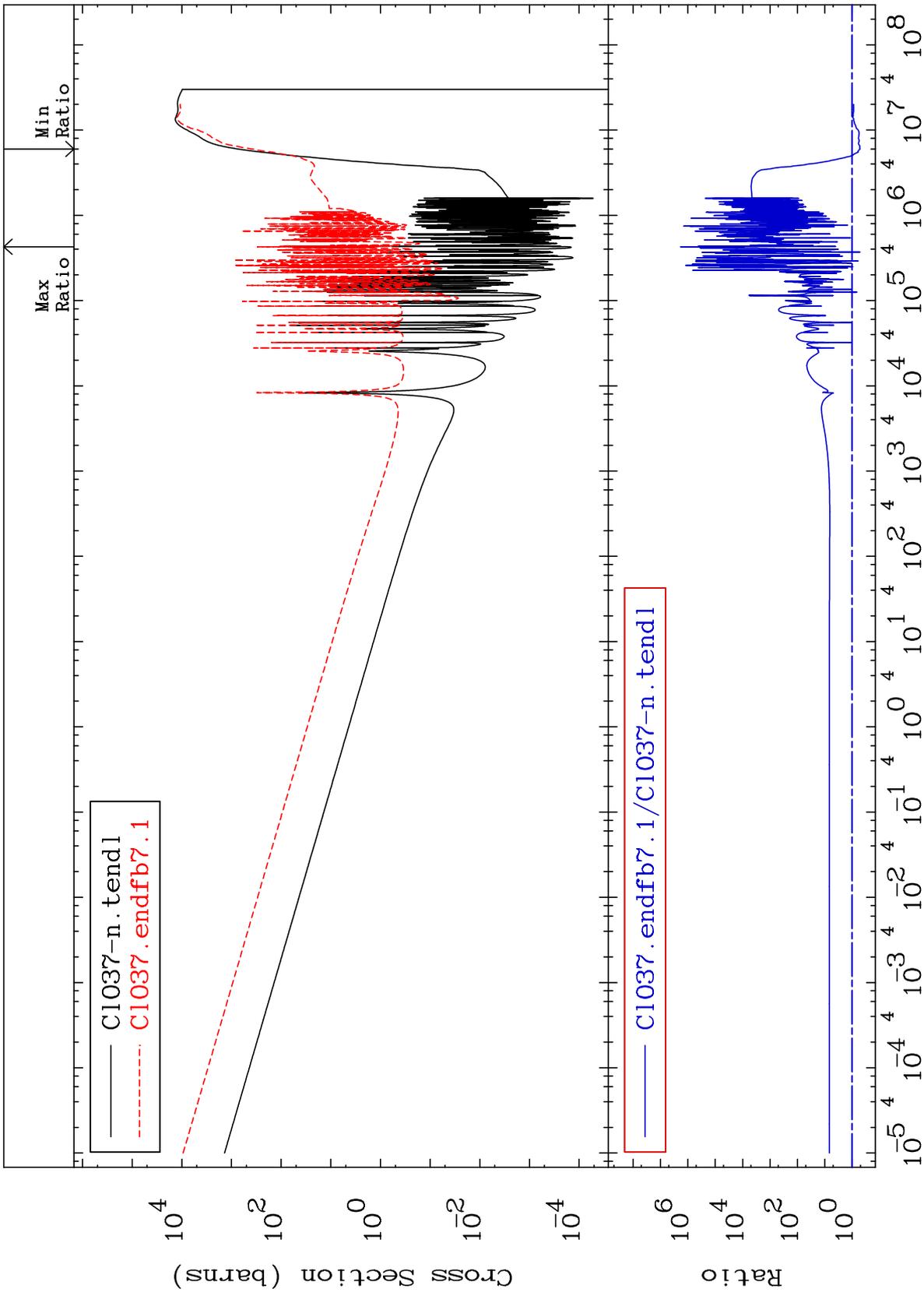




MAT 1731

Dpa disappearance (mt102 -120)
Cross Section

17-Cl-37
-48.27 To 9999. %



57

Incident Energy (eV)

17-Cl-37