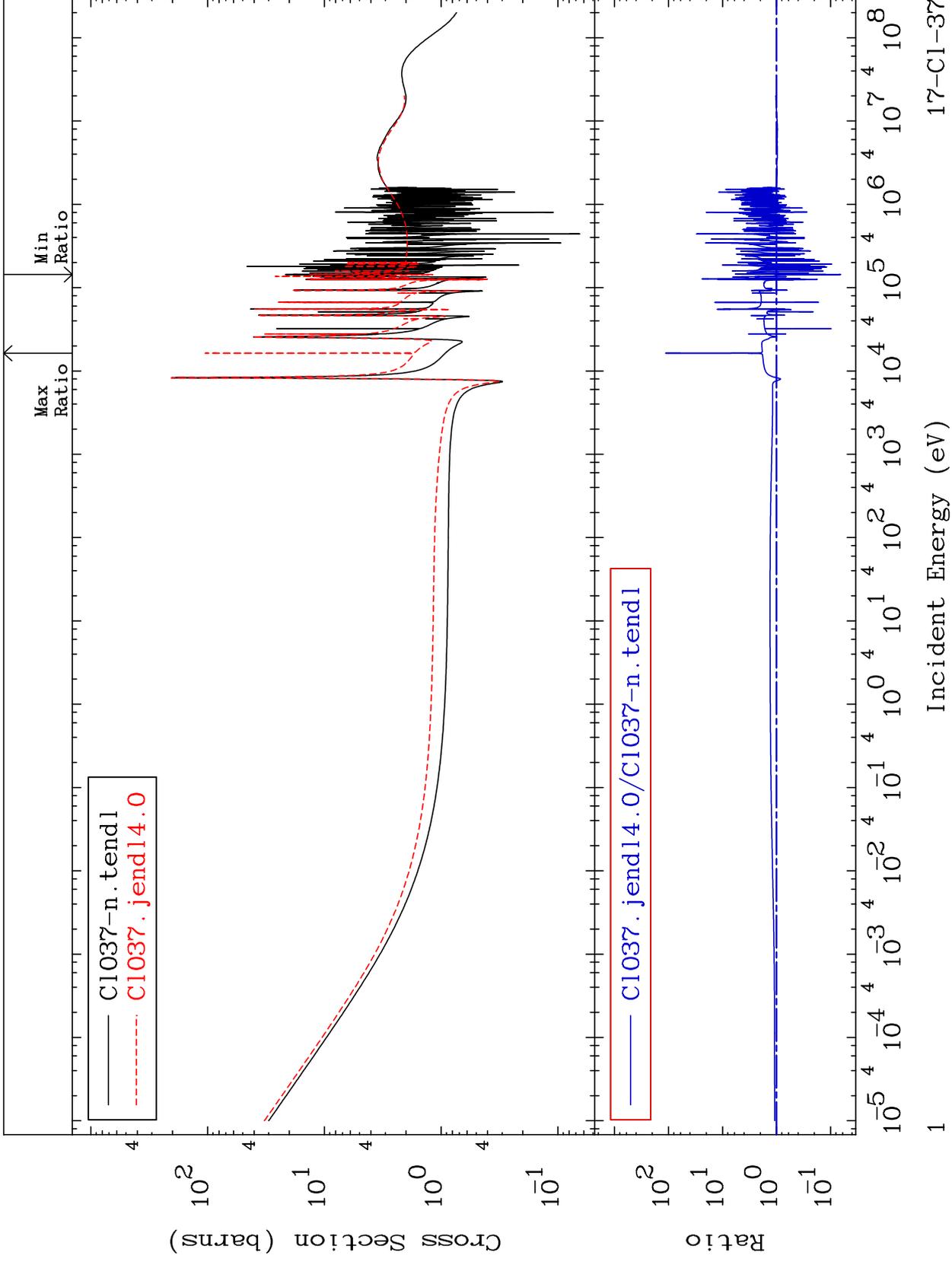


MAT 1731

Total
Cross Section

17-Cl-37
-93.53 To 9999. %



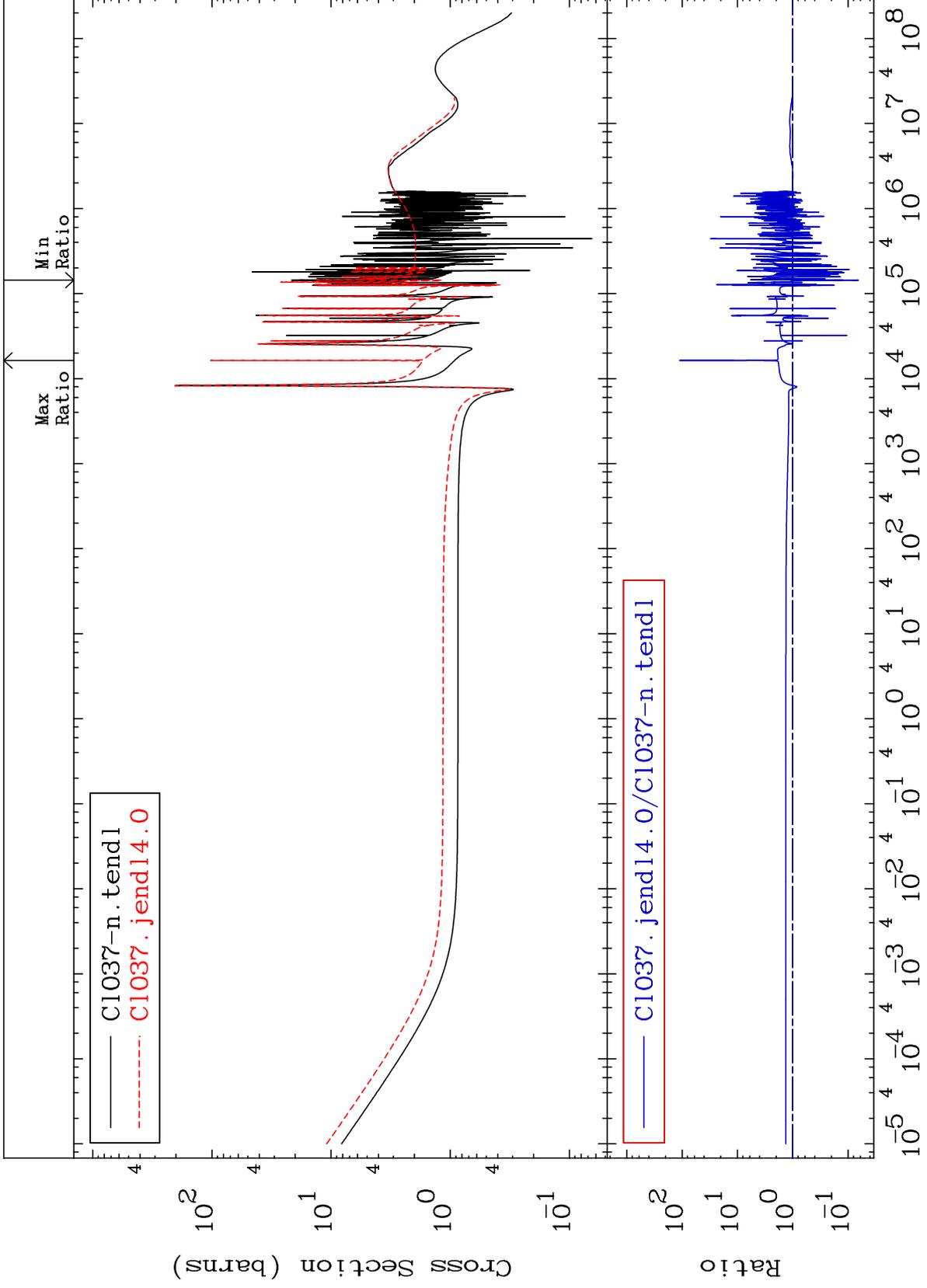
Incident Energy (eV)

17-Cl-37

MAT 1731

Elastic
Cross Section

17-Cl-37
-93.53 To 9999. %



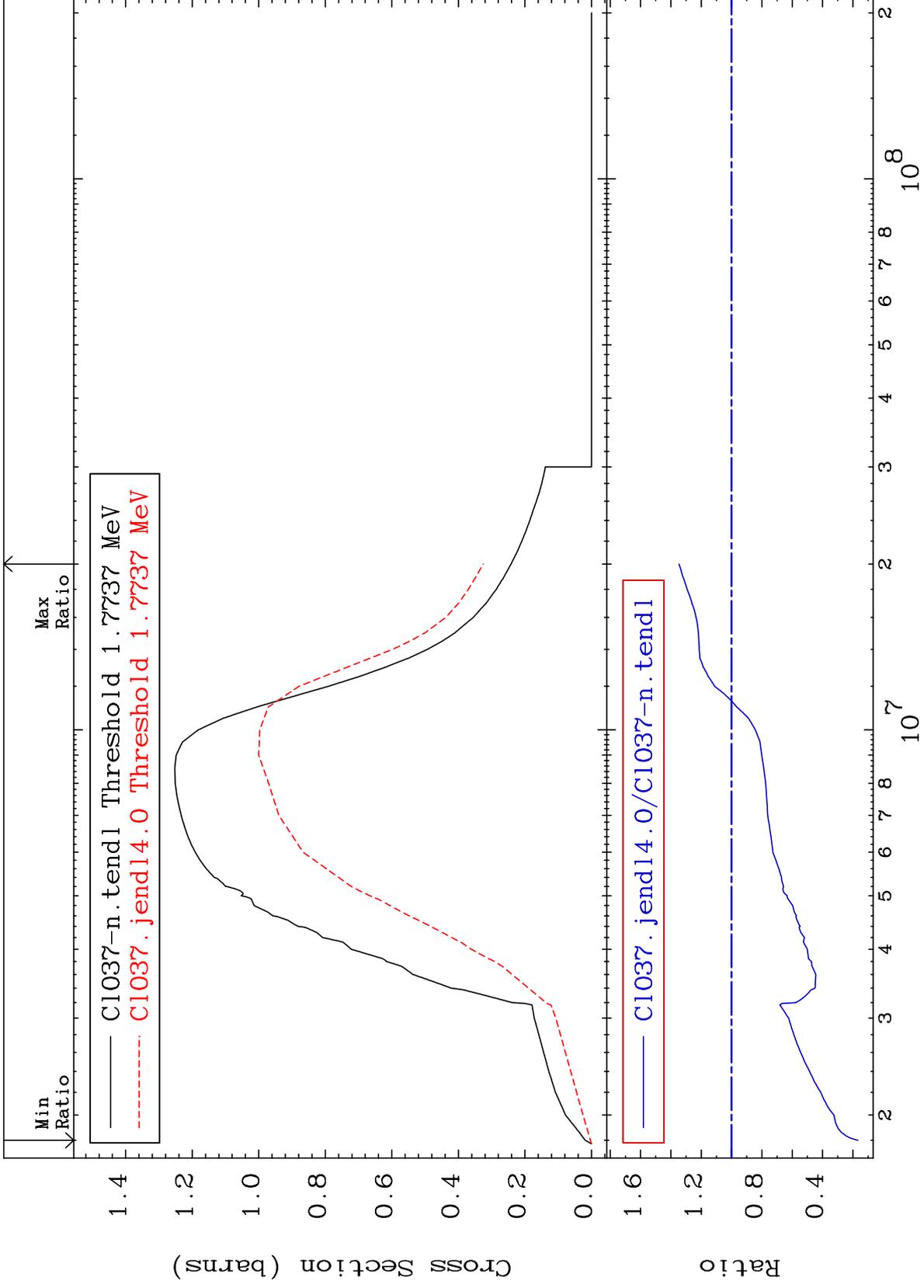
Incident Energy (eV)

17-Cl-37

MAT 1731

Inelastic
Cross Section

17-Cl-37
-83.33 To 34.63 %



3

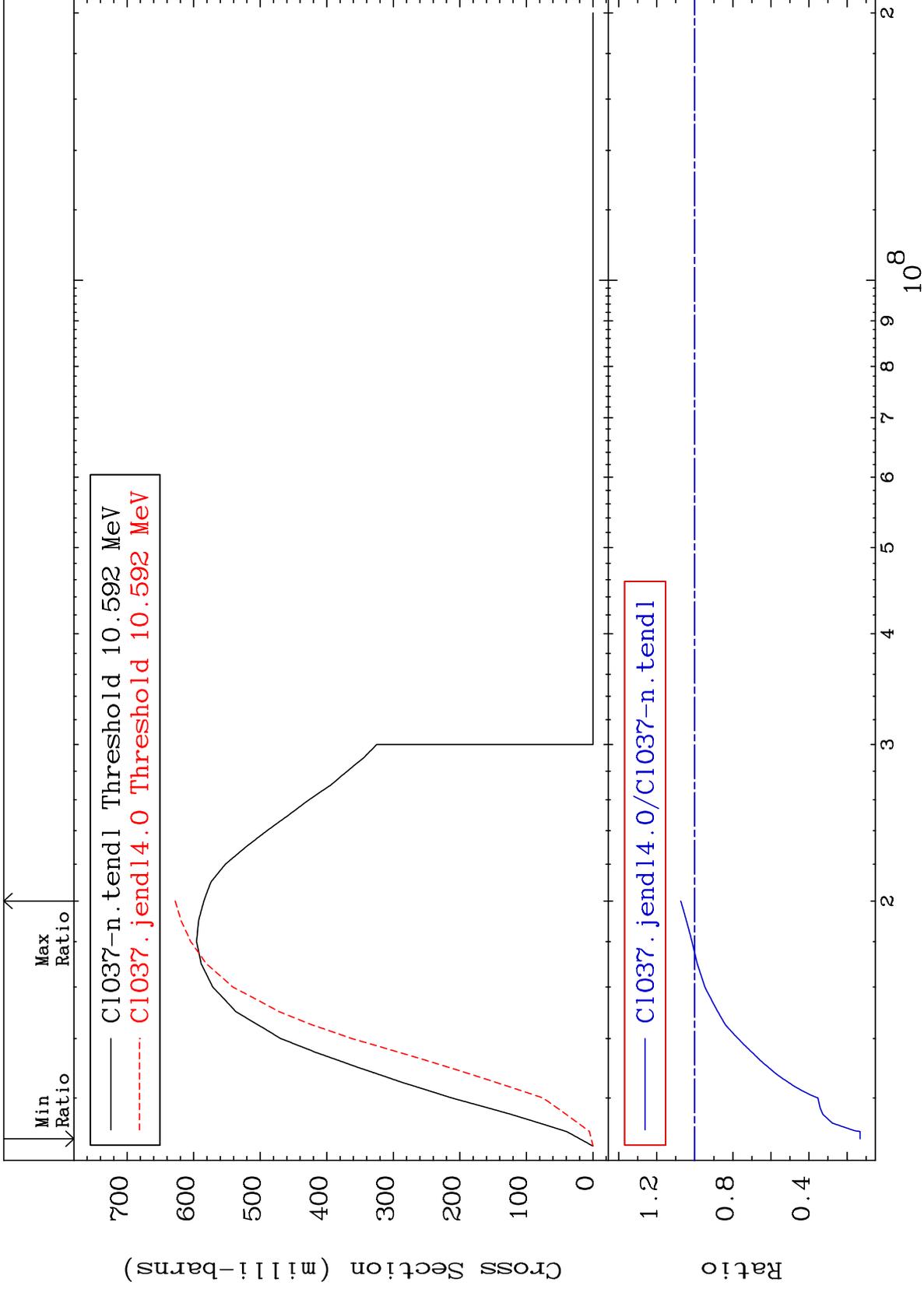
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,2n)
Cross Section

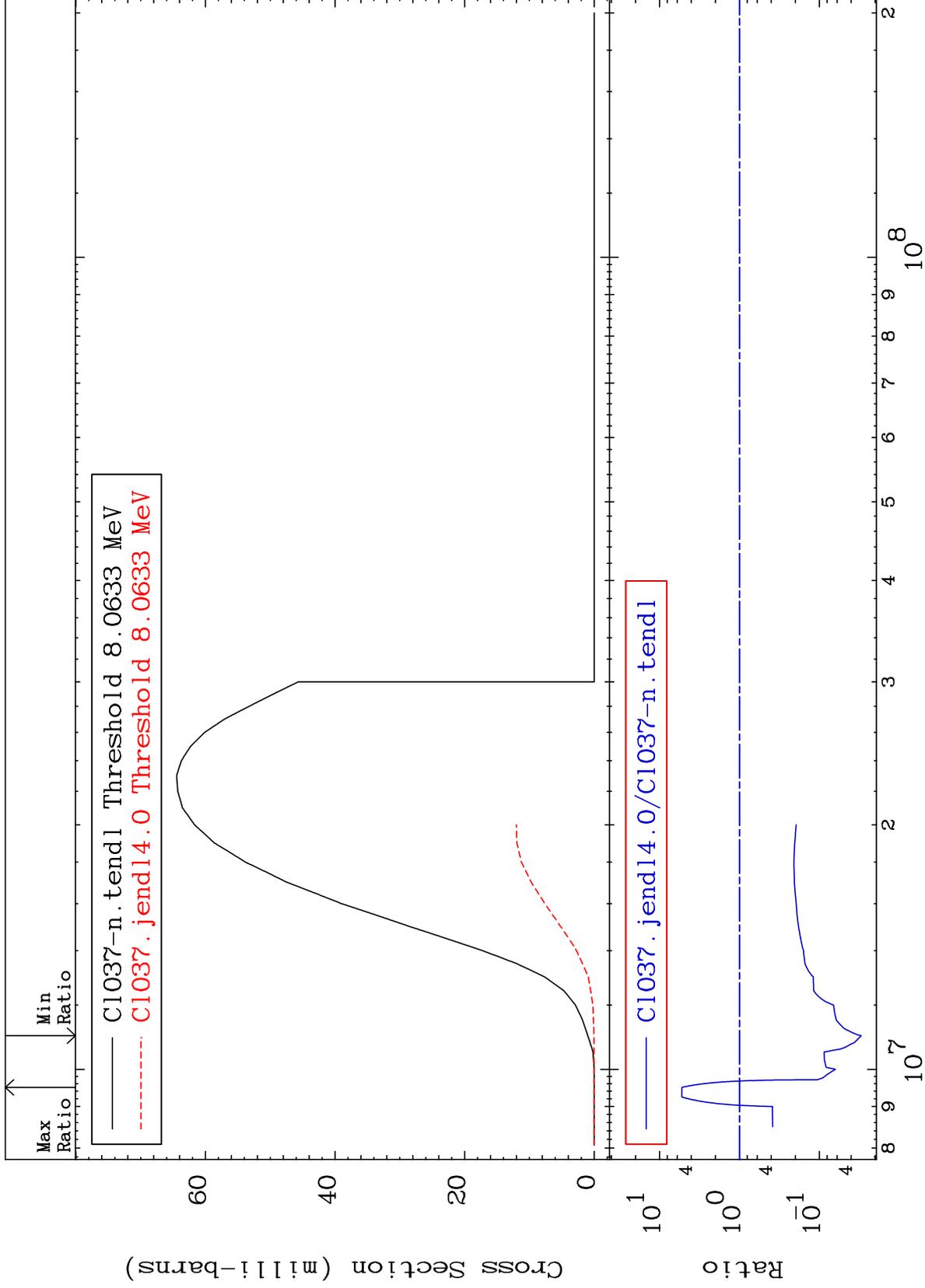
17-Cl-37
-86.85 To 7.369 %



MAT 1731

(n, n') α
Cross Section

17-Cl-37
-97.00 To 424.8 %



5

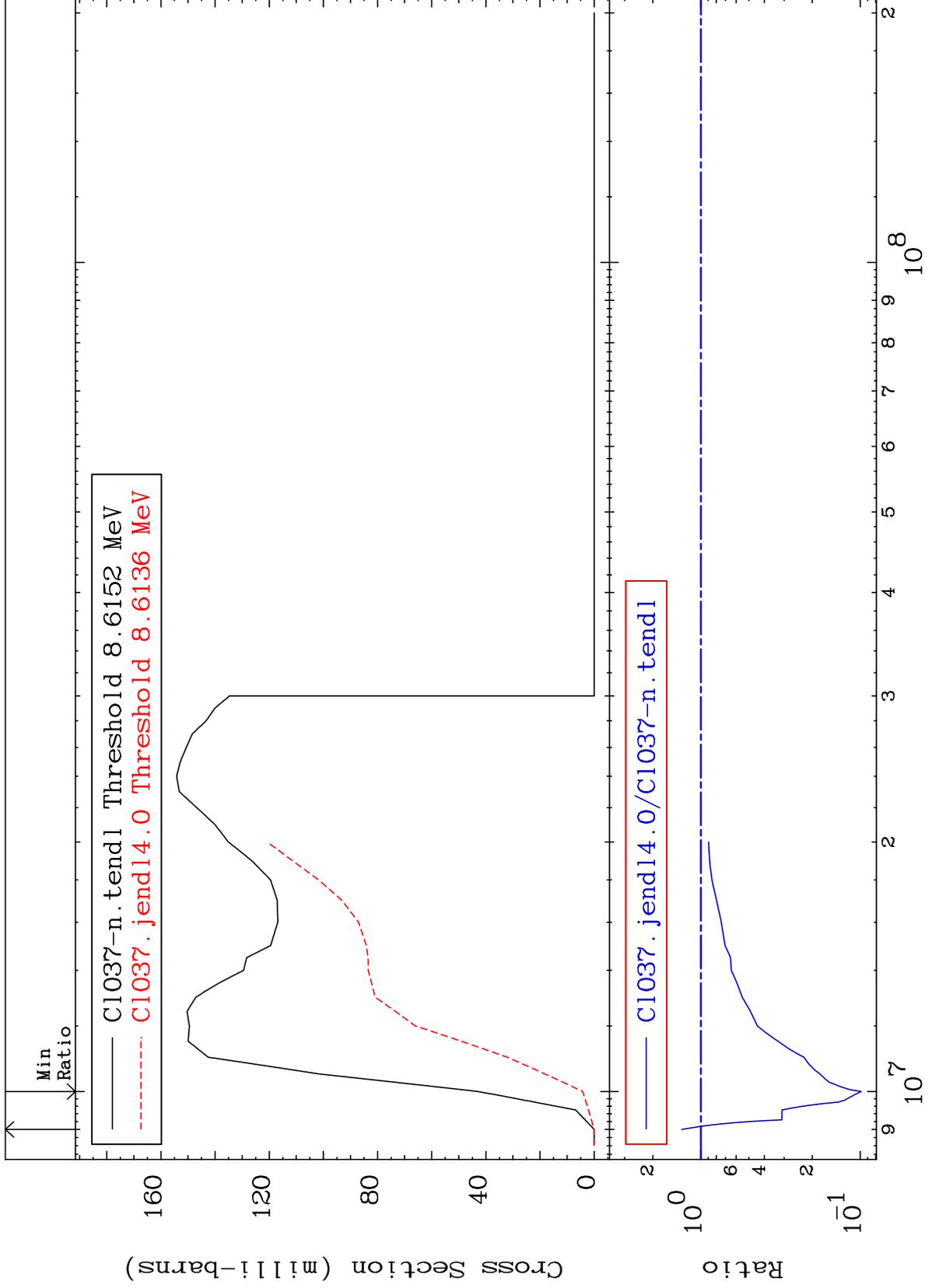
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,n') p
Cross Section

17-Cl-37
-90.13 To 31.40 %



6

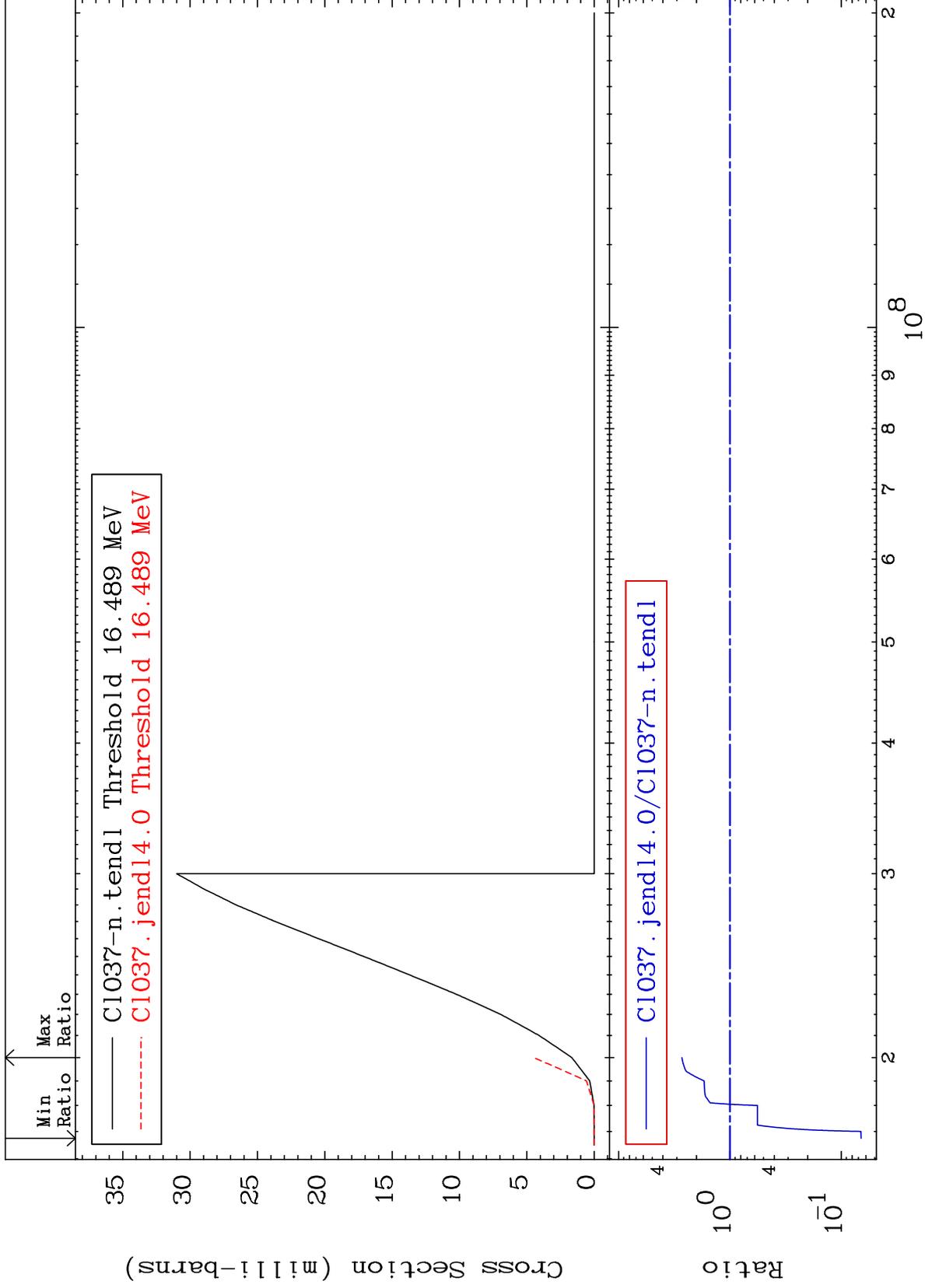
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,n') d
Cross Section

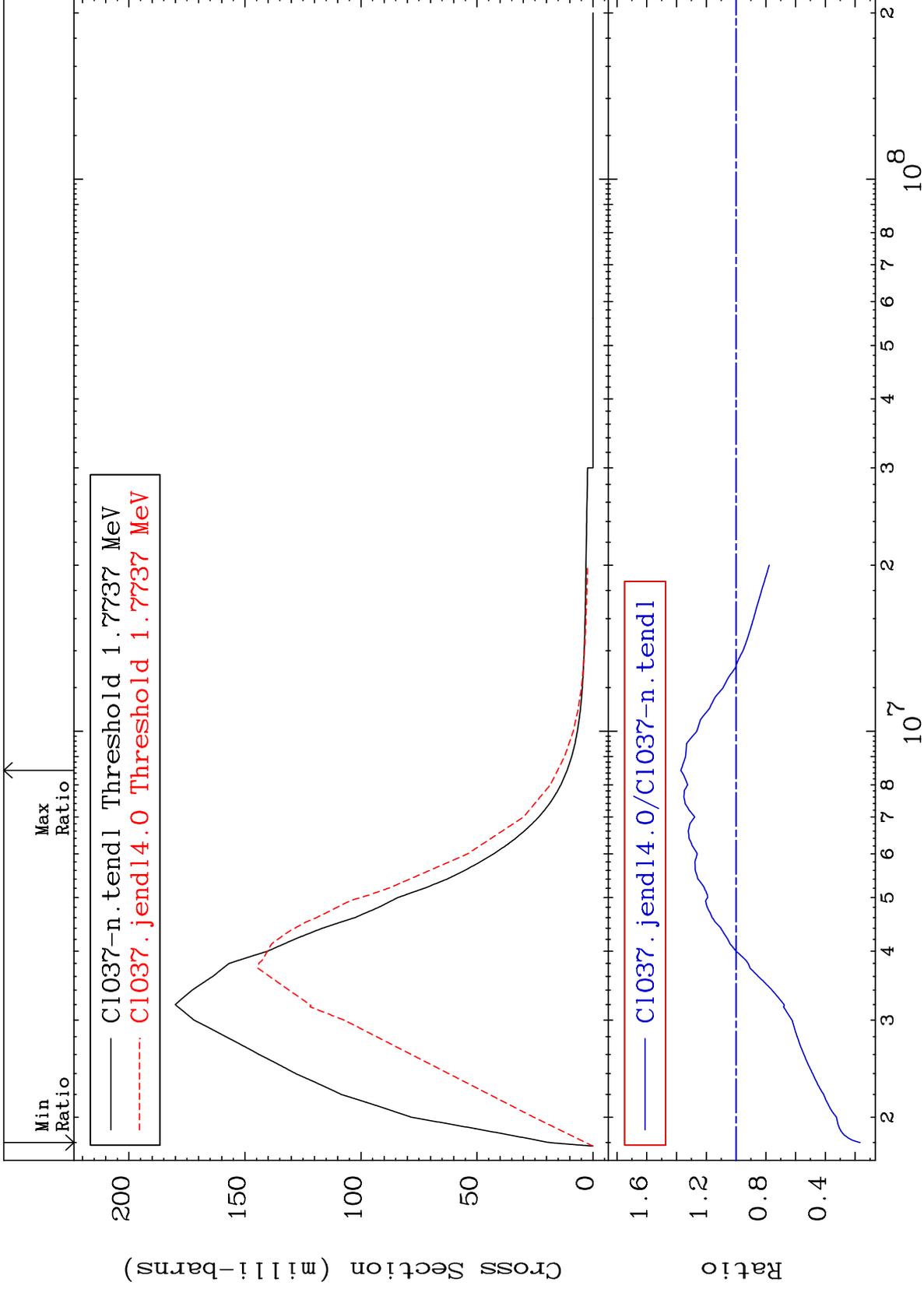
17-Cl-37
-93.37 To 170.1 %



MAT 1731

1.727 MeV (n,n') Level
Cross Section

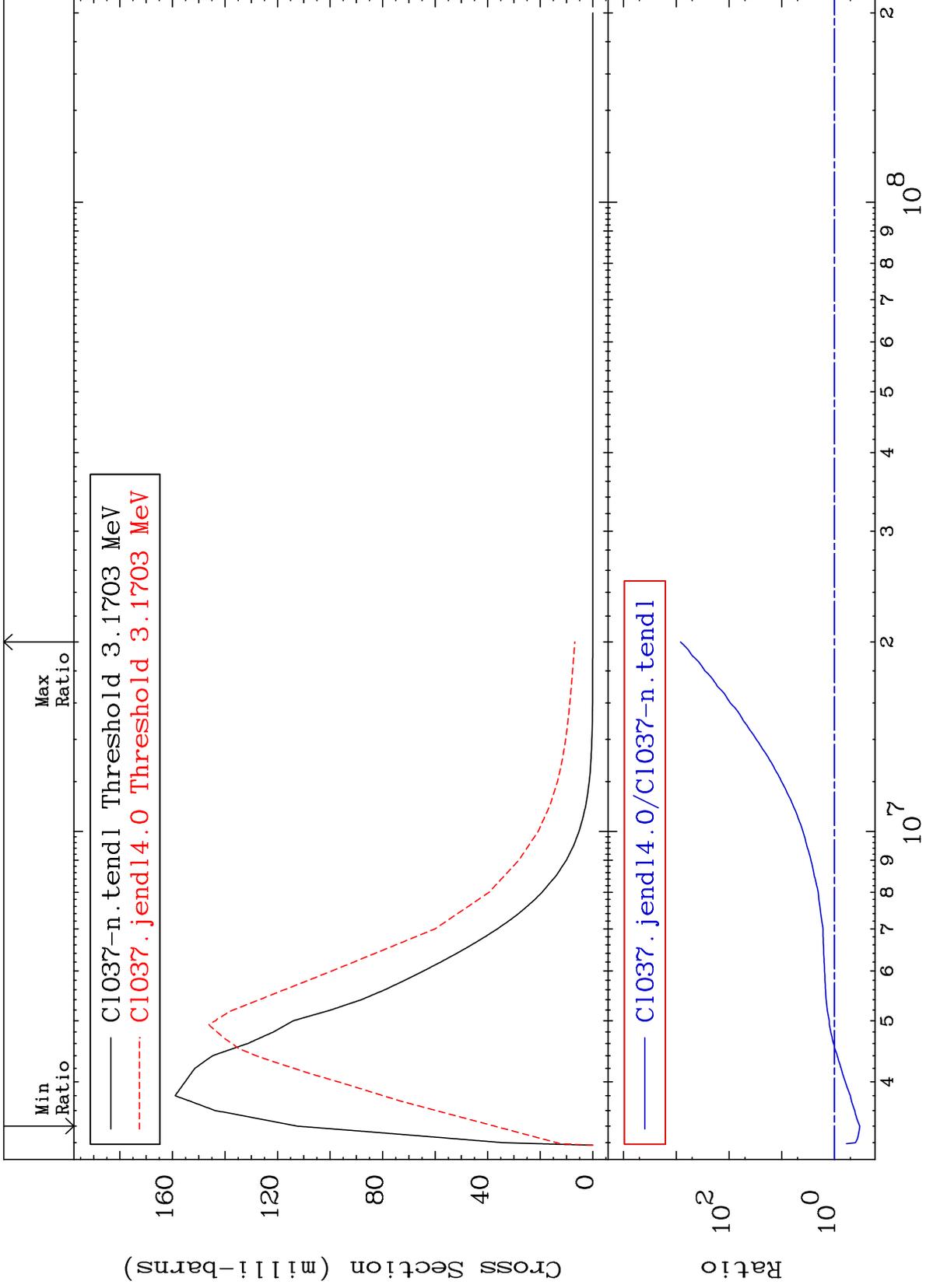
17-Cl-37
-83.33 To 37.16 %



MAT 1731

3.086 MeV (n,n') Level
Cross Section

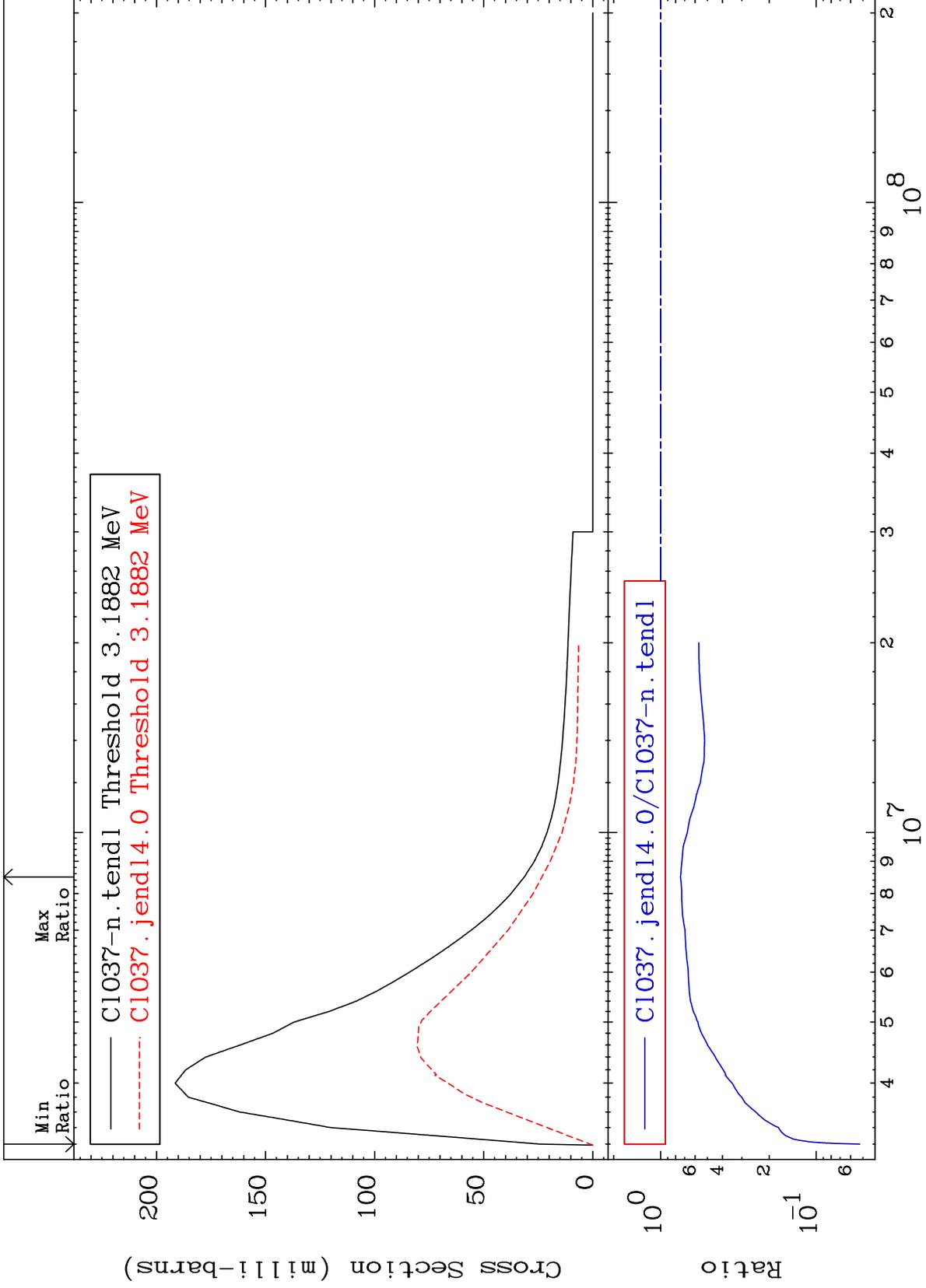
17-Cl-37
-66.80 To 9999. %



MAT 1731

3.104 MeV (n,n') Level
Cross Section

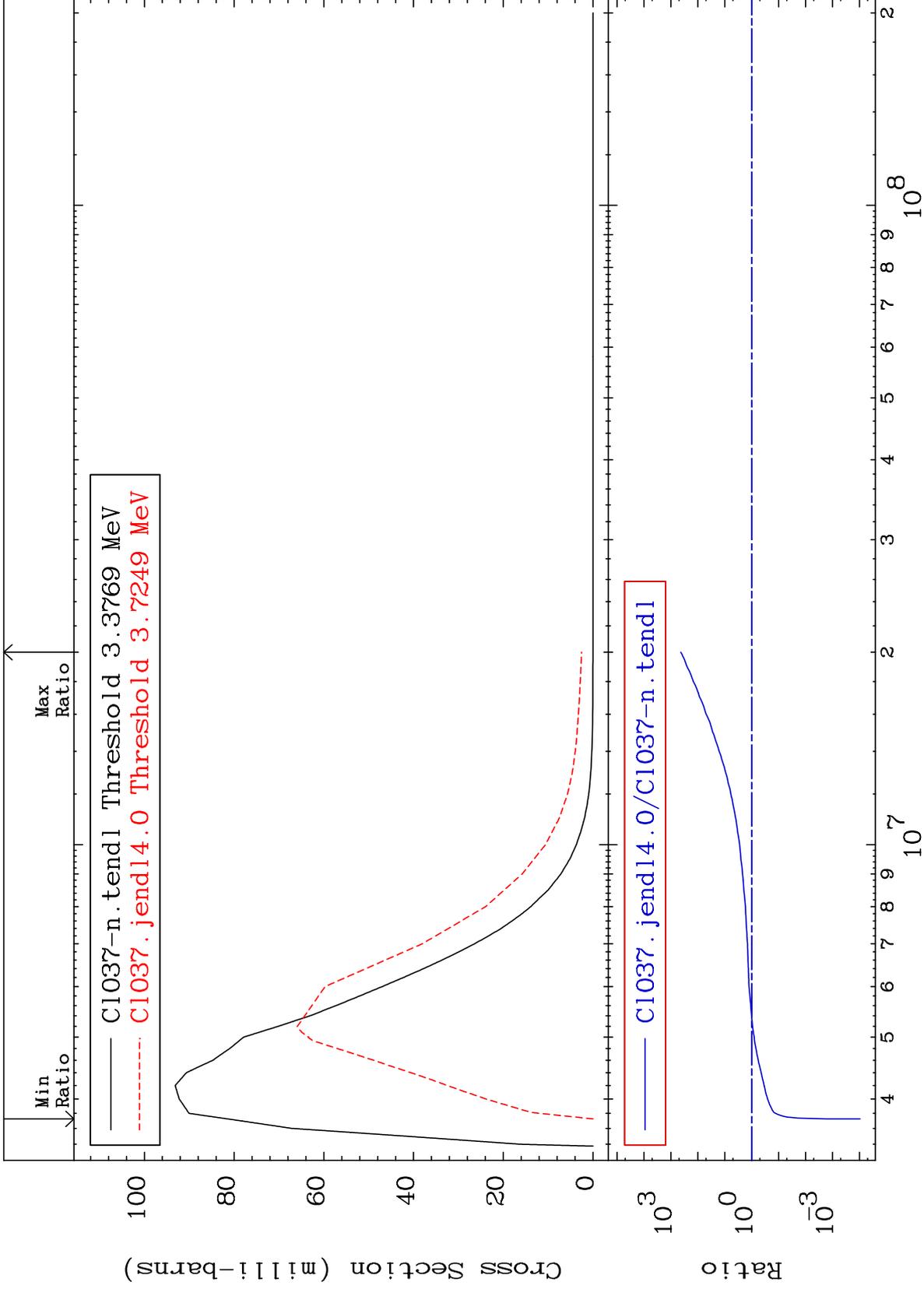
17-Cl-37
-94.77 To -25.60%



10

17-Cl-37

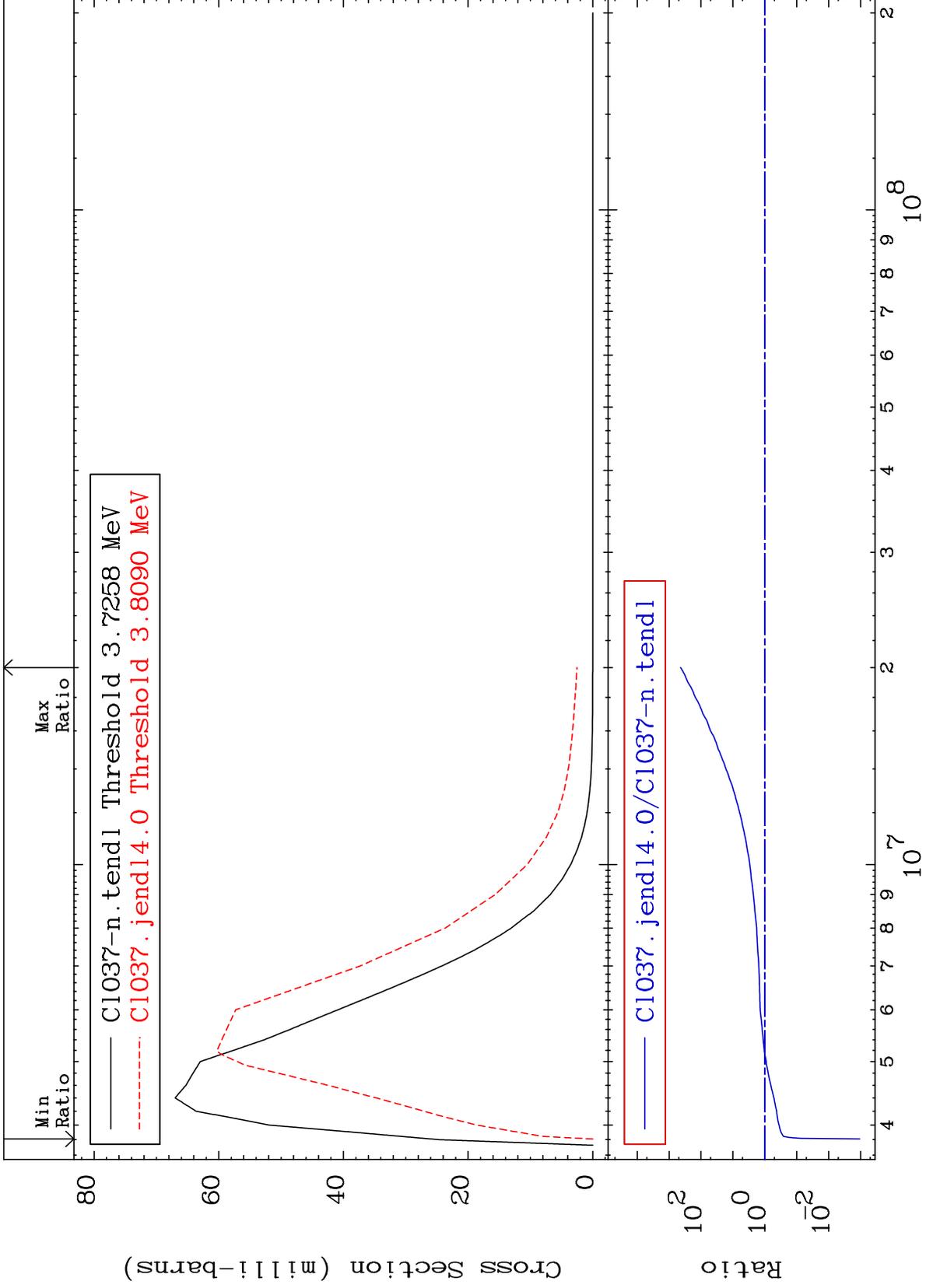
10



MAT 1731

3.627 MeV (n,n') Level
Cross Section

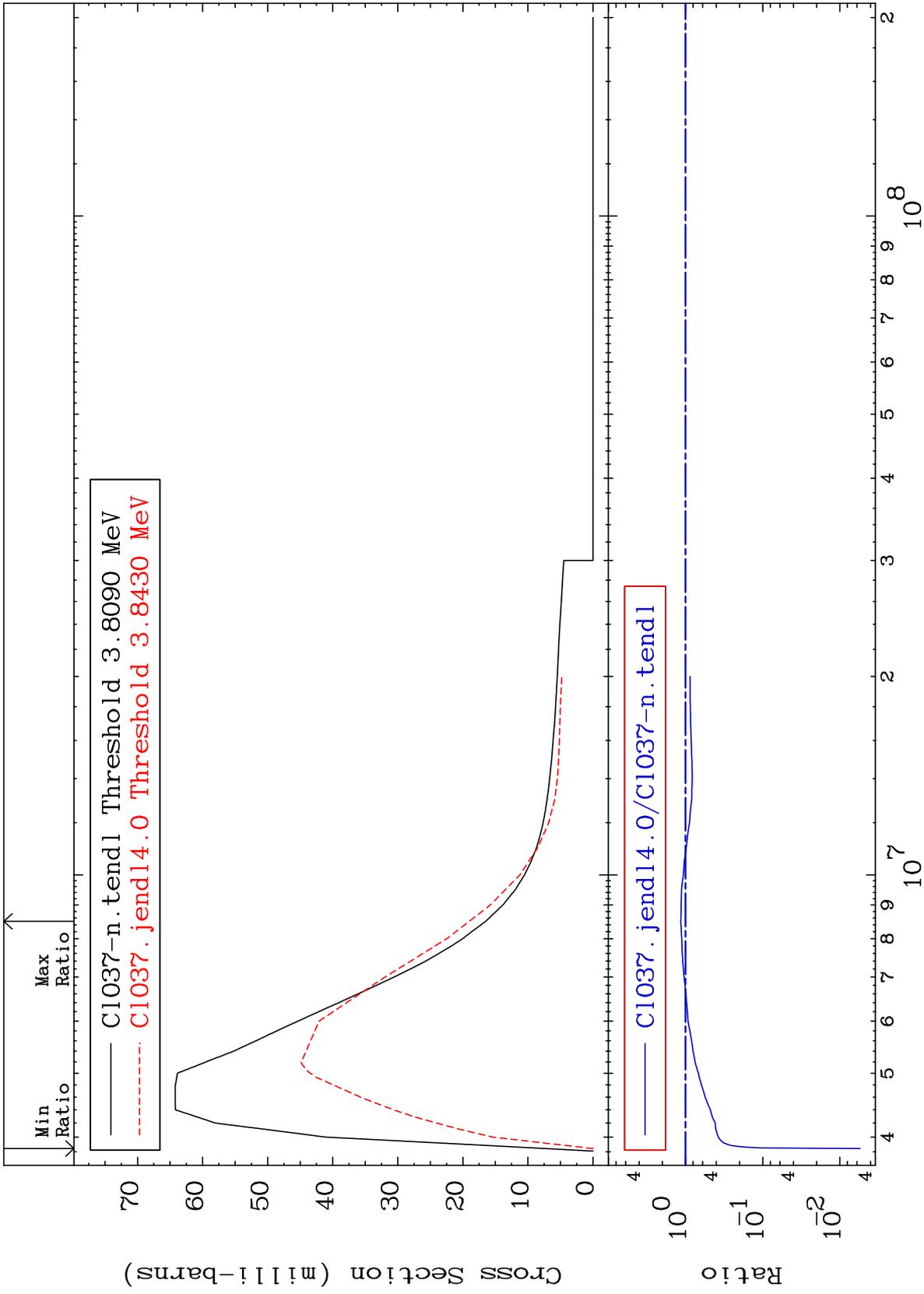
17-Cl-37
-99.89 To 9999. %



12

17-Cl-37

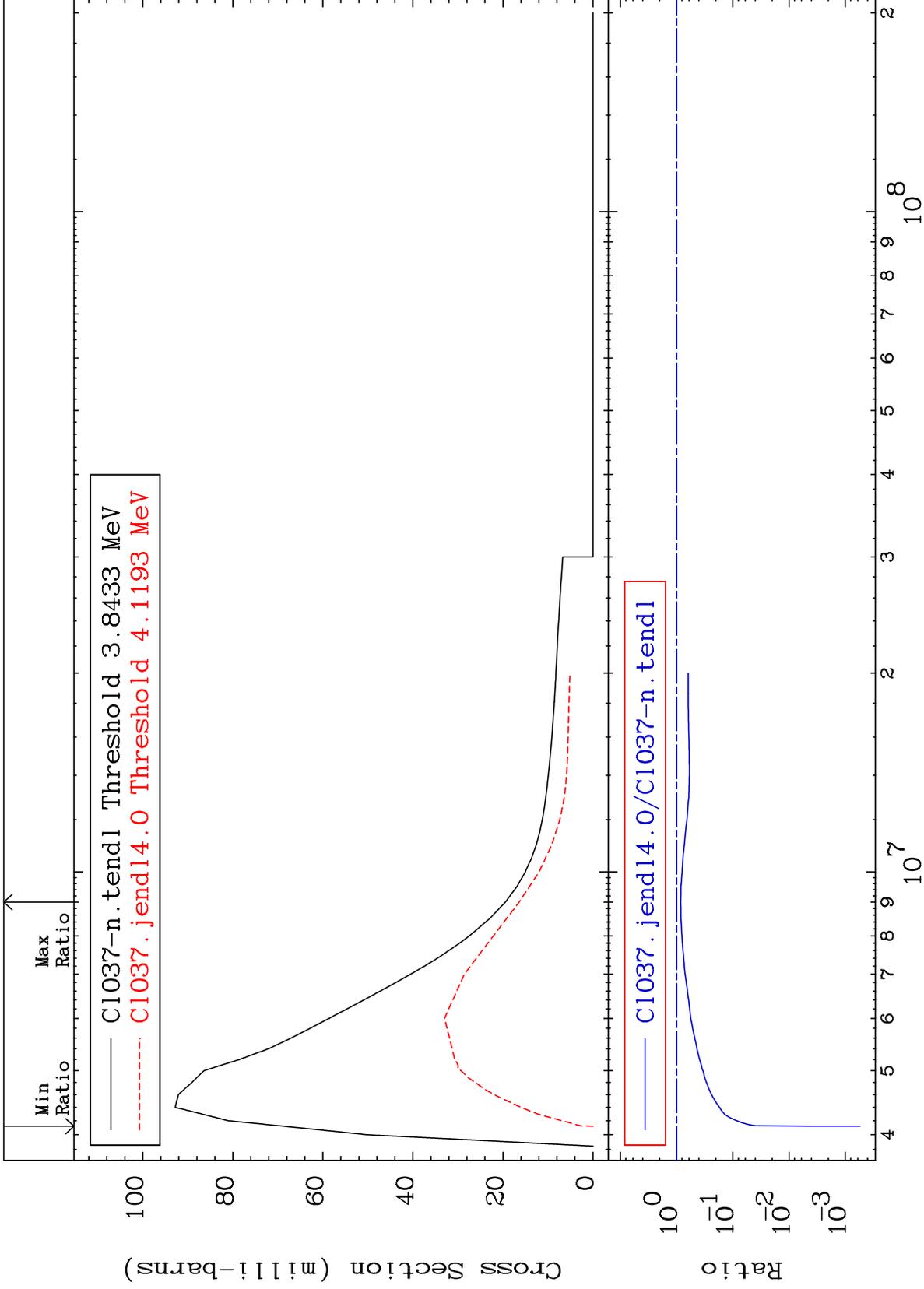
17-Cl-37



MAT 1731

3.741 MeV (n,n') Level
Cross Section

17-Cl-37
-99.95 To -15.71%



14

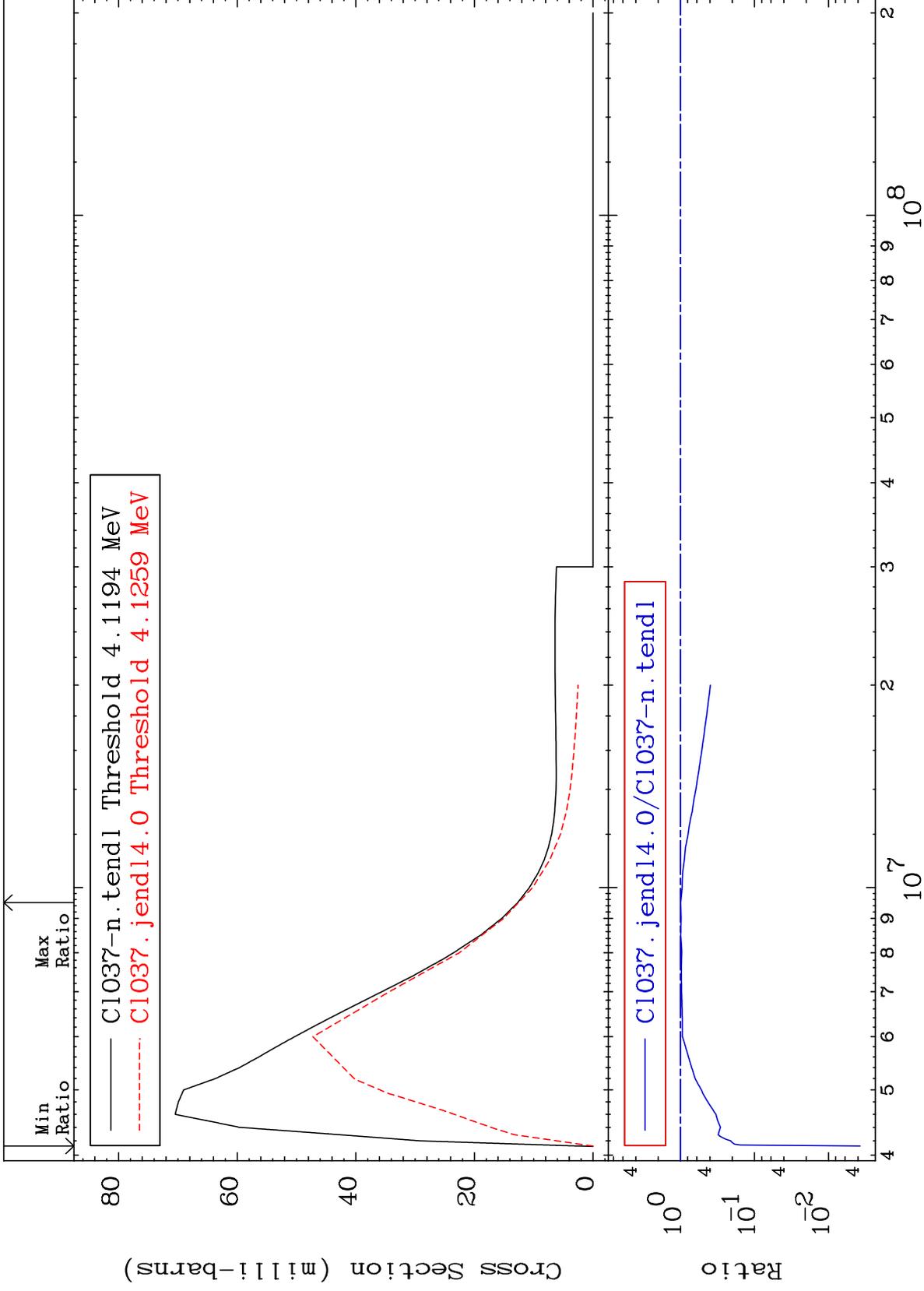
17-Cl-37

17-Cl-37

MAT 1731

4.010 MeV (n,n') Level
Cross Section

17-Cl-37
-99.62 To -0.989%



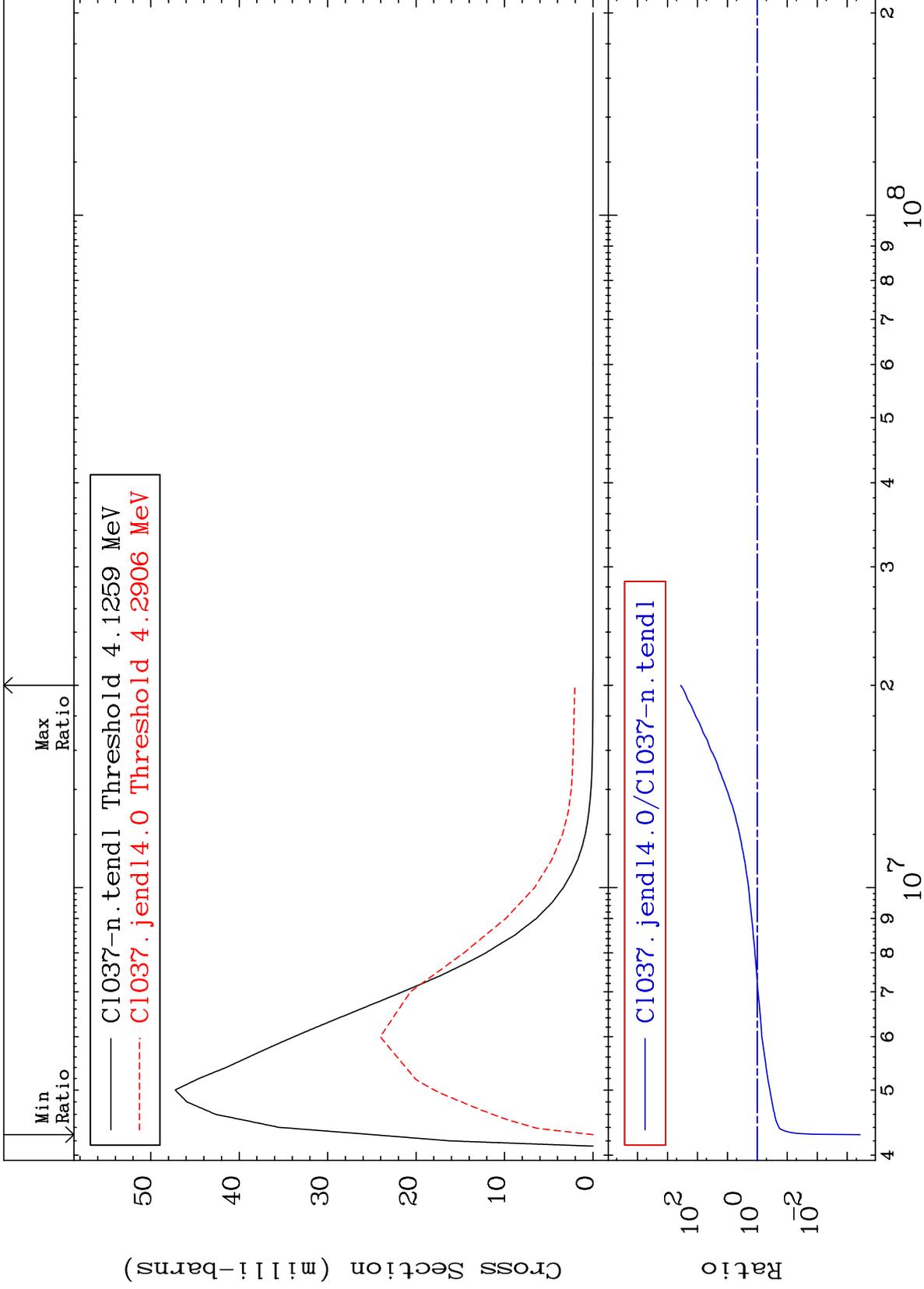
15

17-Cl-37

MAT 1731

4.016 MeV (n,n') Level
Cross Section

17-Cl-37
-99.96 To 9999. %



16

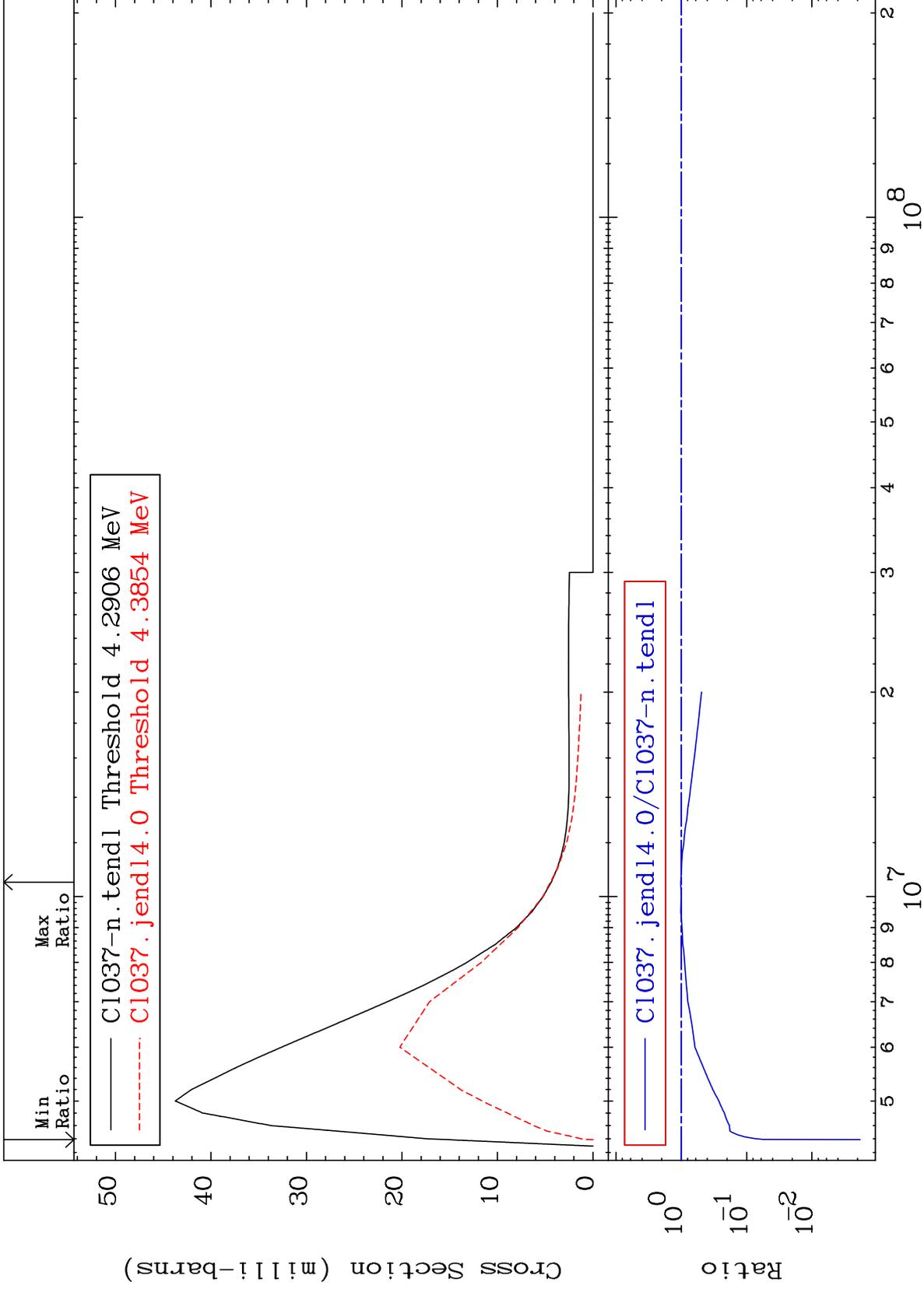
Incident Energy (eV)

17-Cl-37

MAT 1731

4.177 MeV (n,n') Level
Cross Section

17-Cl-37
-99.82 To 2.009 %



17

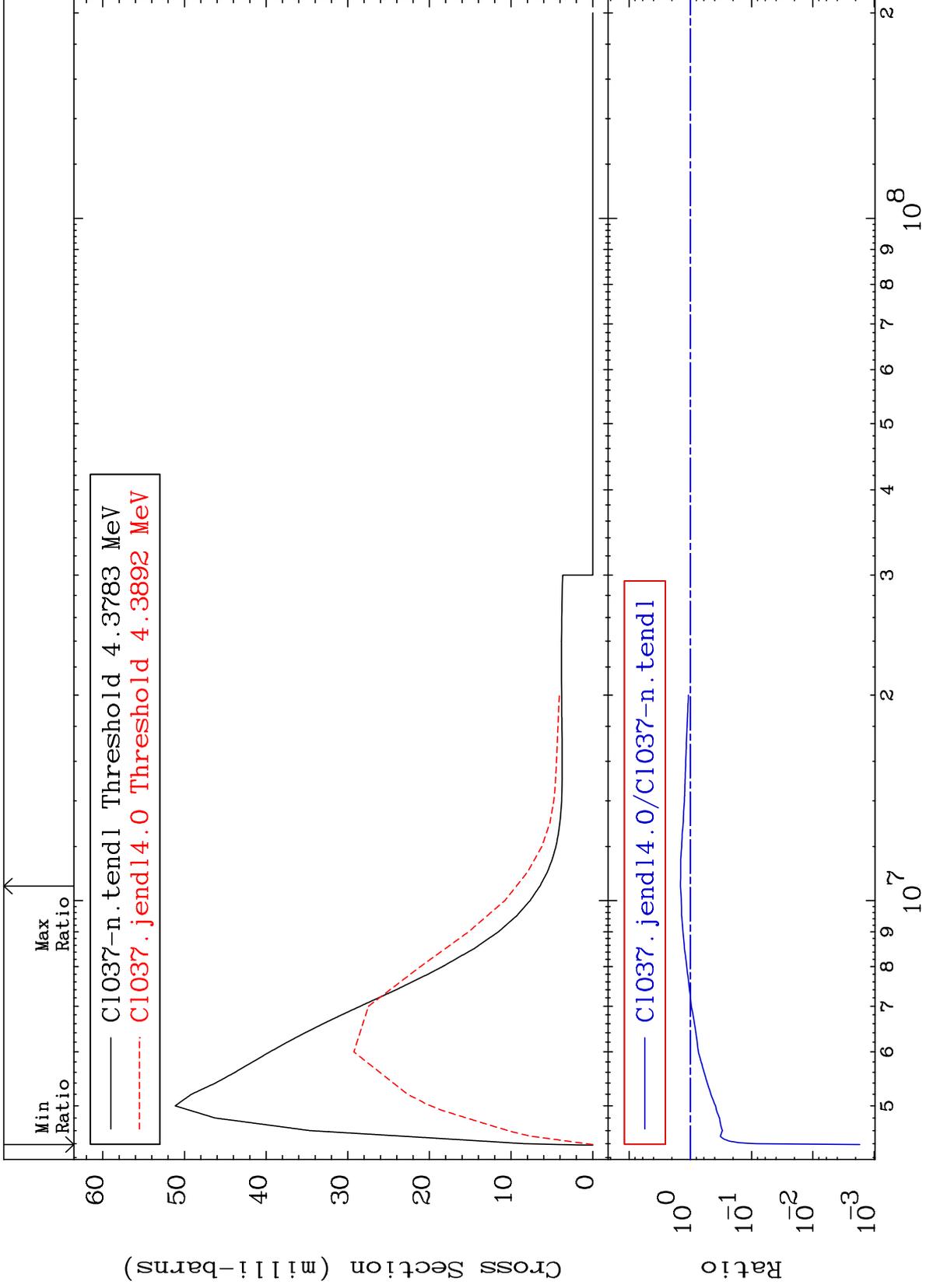
Incident Energy (eV)

17-Cl-37

MAT 1731

4.262 MeV (n,n') Level
Cross Section

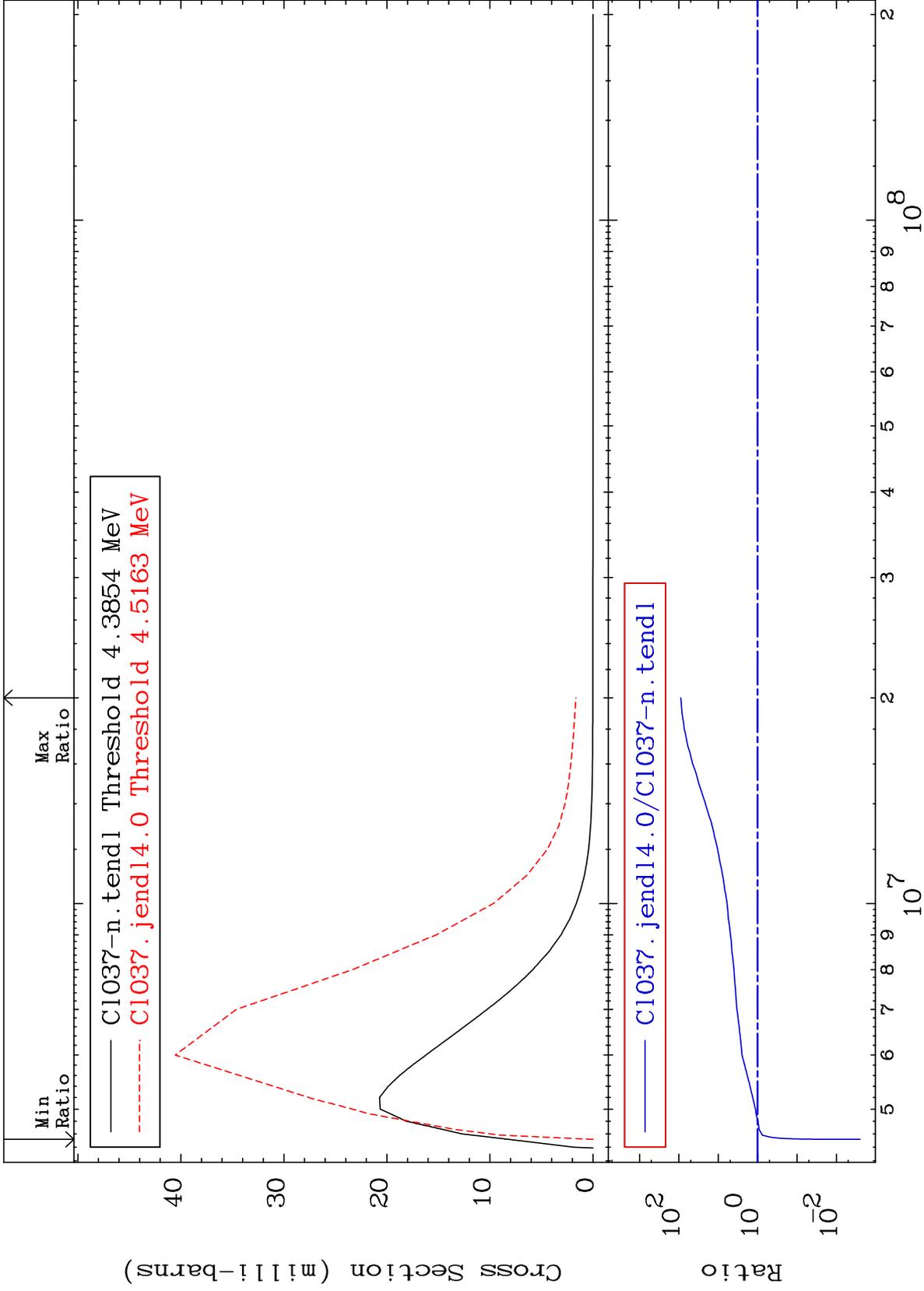
17-Cl-37
-99.83 To 44.59 %



18

Incident Energy (eV)

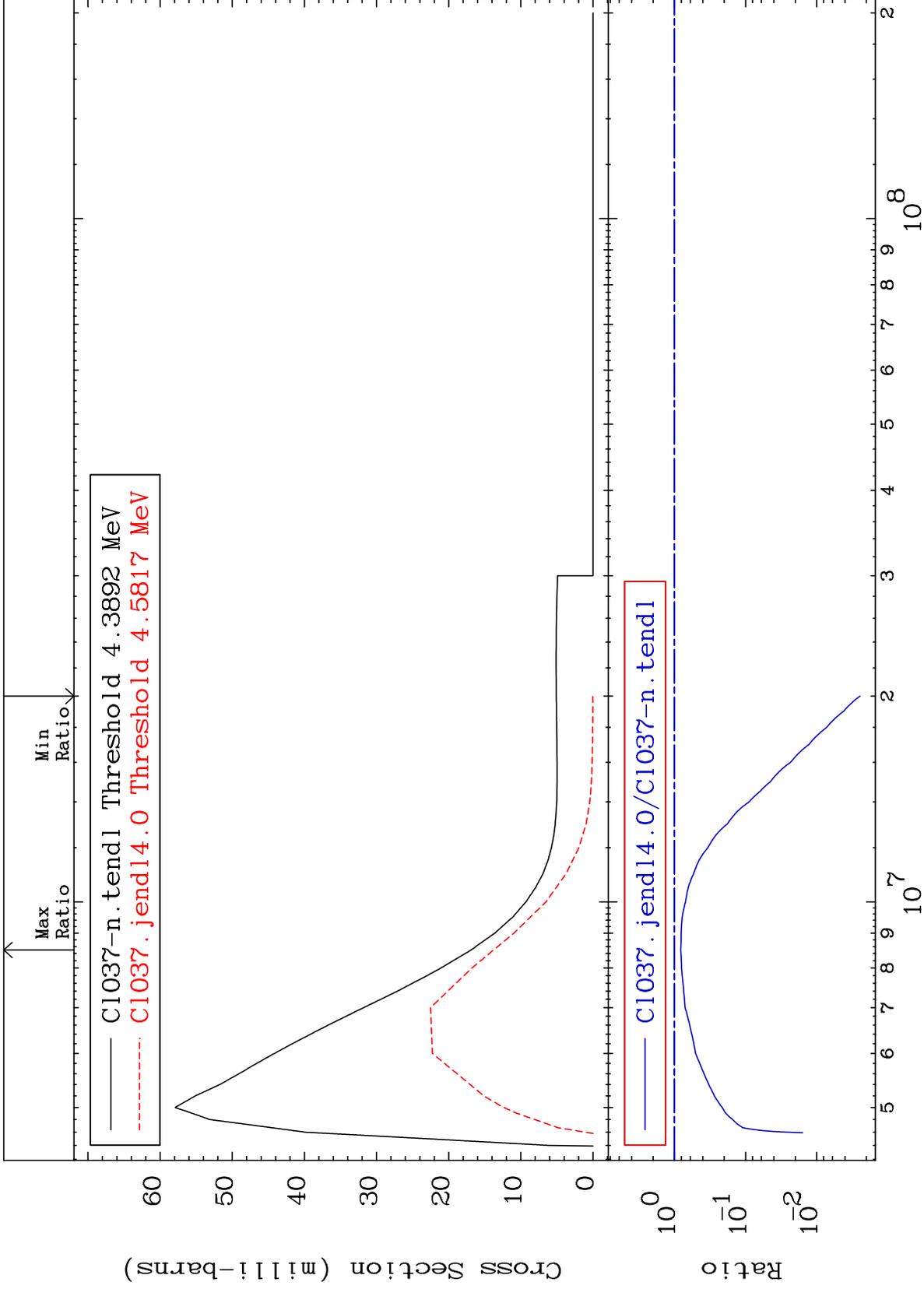
17-Cl-37



MAT 1731

4.273 MeV (n,n') Level
Cross Section

17-Cl-37
-99.75 To -18.39%



20

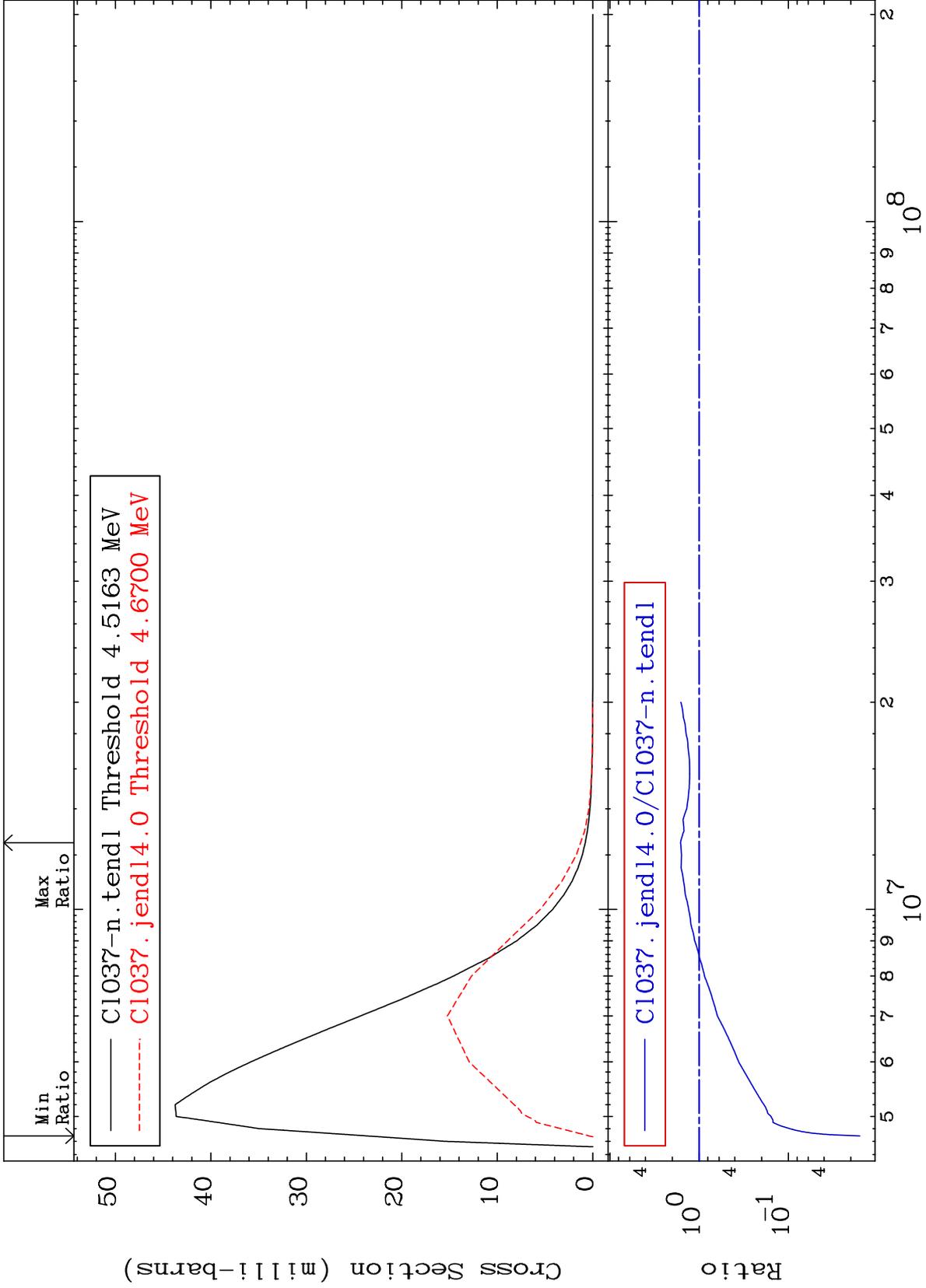
Incident Energy (eV)

17-Cl-37

MAT 1731

4.396 MeV (n,n') Level
Cross Section

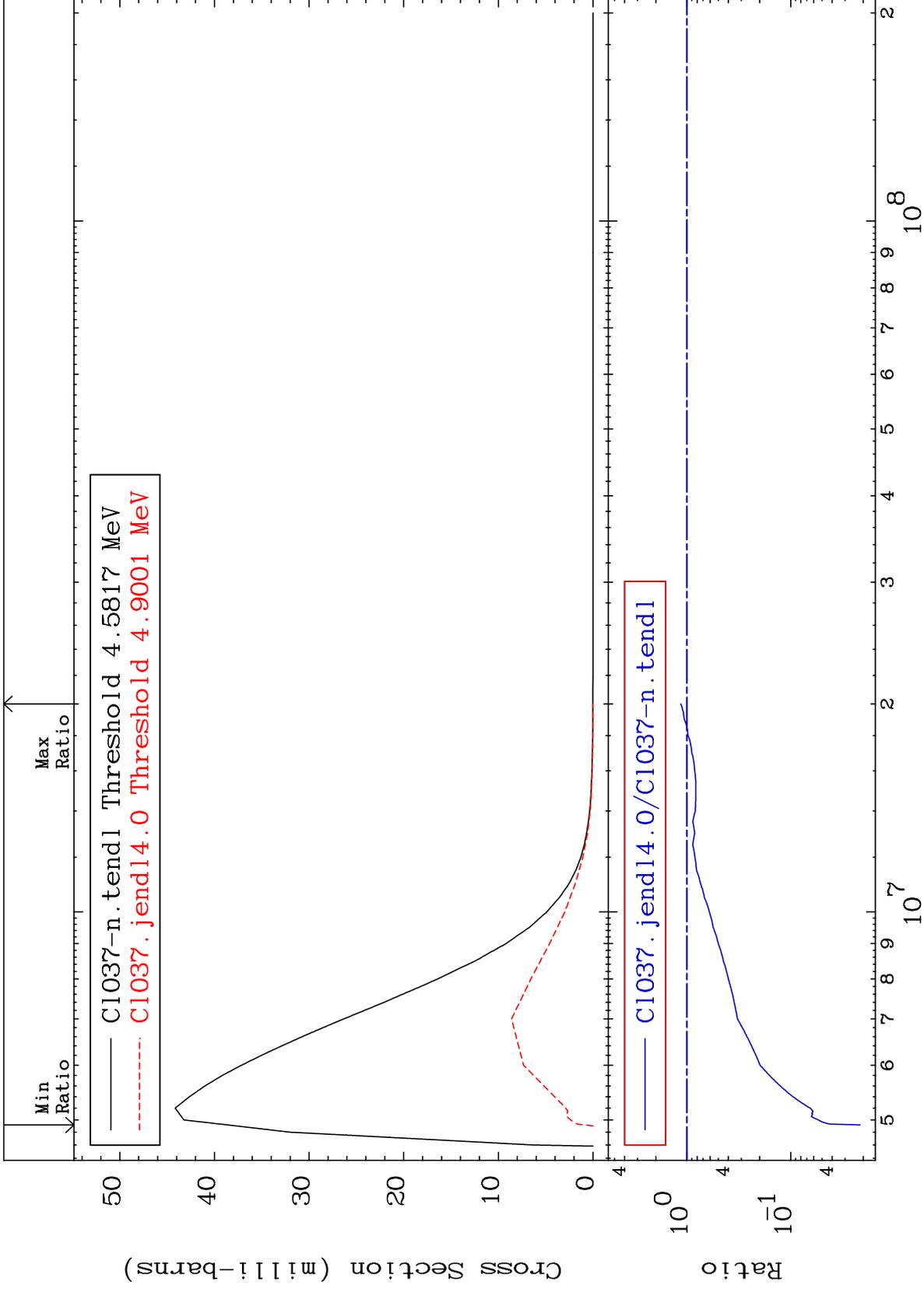
17-Cl-37
-98.41 To 61.84 %



MAT 1731

4.460 MeV (n,n') Level
Cross Section

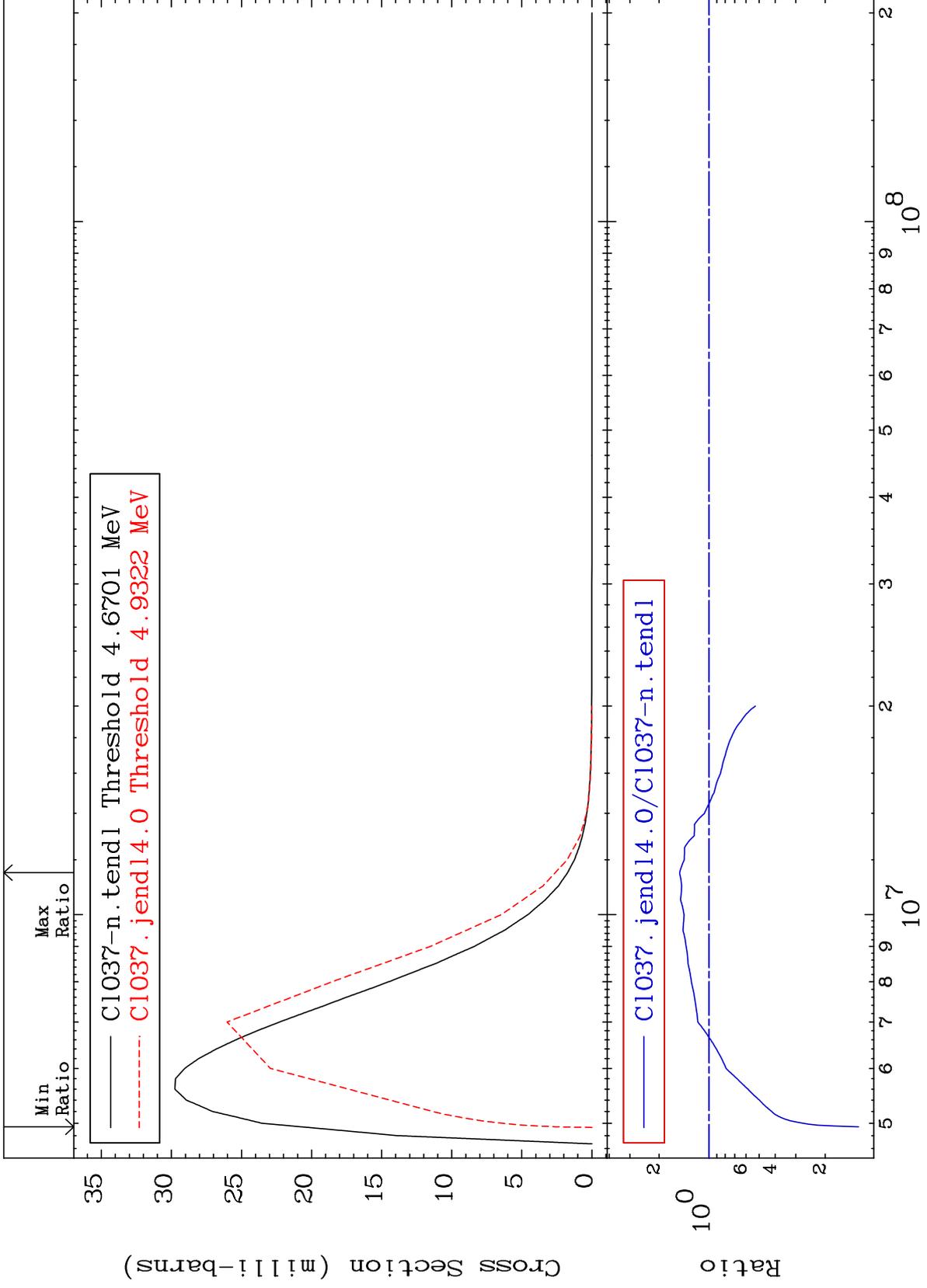
17-Cl-37
-97.85 To 15.01 %



MAT 1731

4.546 MeV (n,n') Level
Cross Section

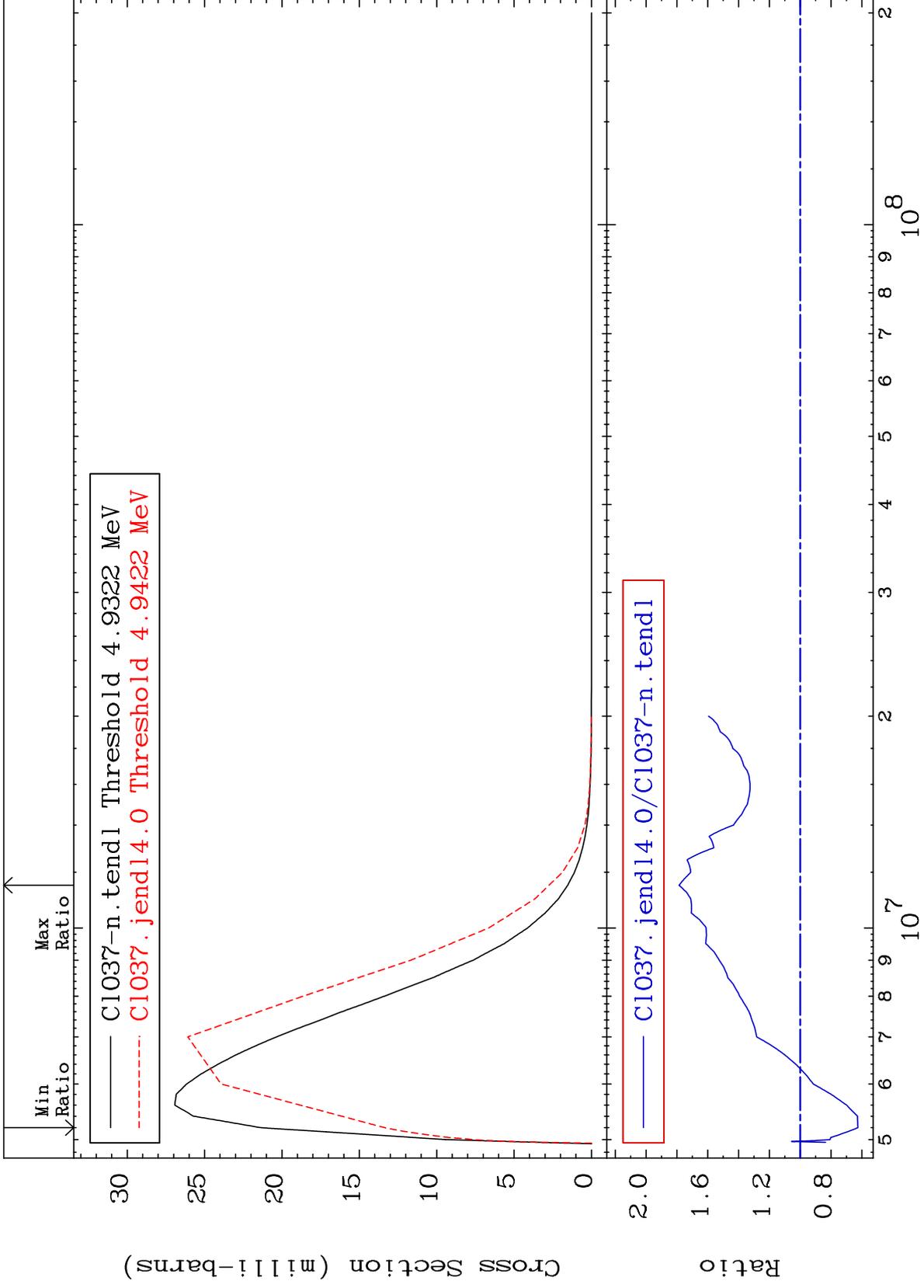
17-Cl-37
-87.42 To 50.71 %



MAT 1731

4.801 MeV (n,n') Level
Cross Section

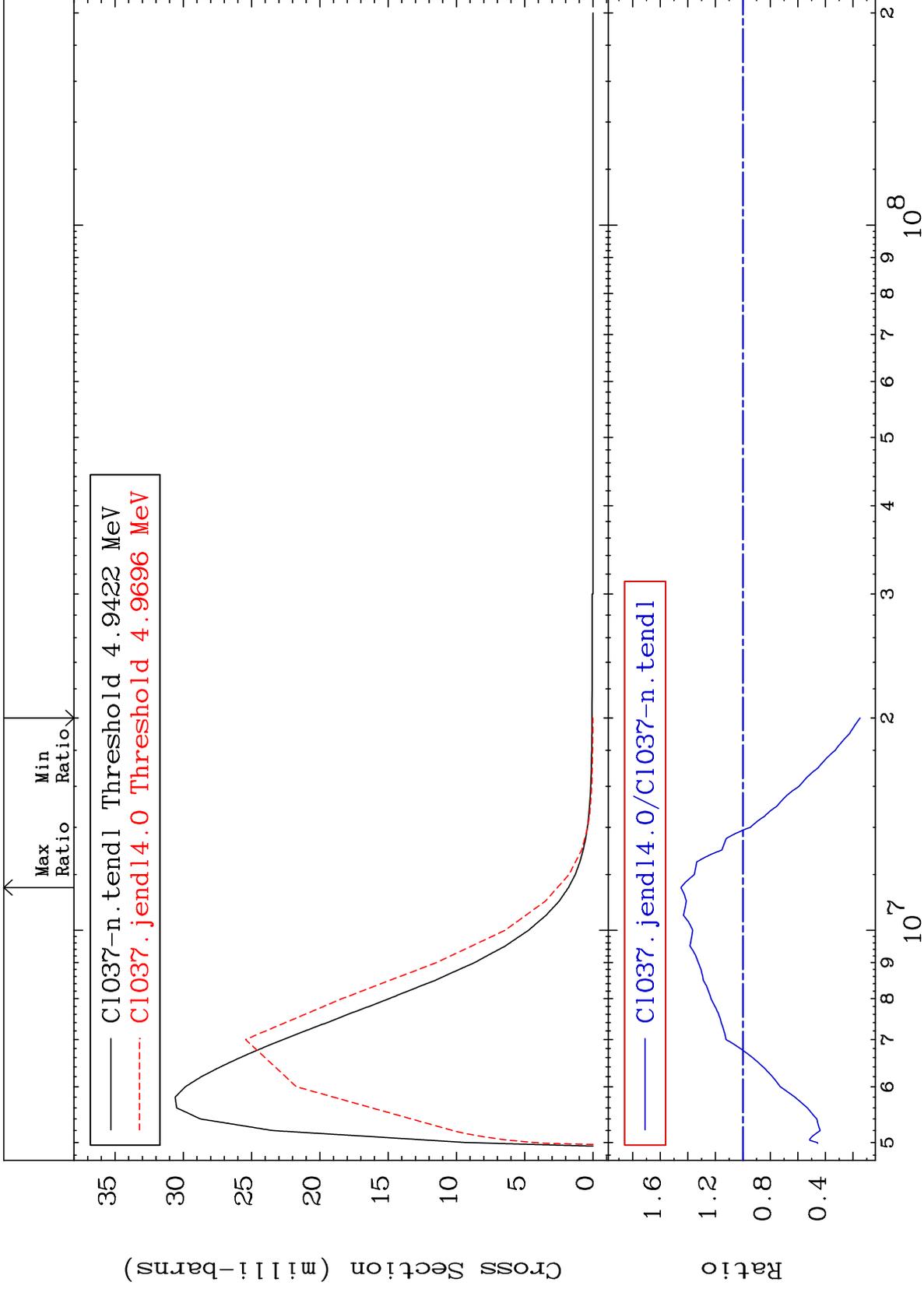
17-Cl-37
-37.47 To 78.62 %



MAT 1731

4.811 MeV (n,n') Level
Cross Section

17-Cl-37
-85.19 To 45.11 %



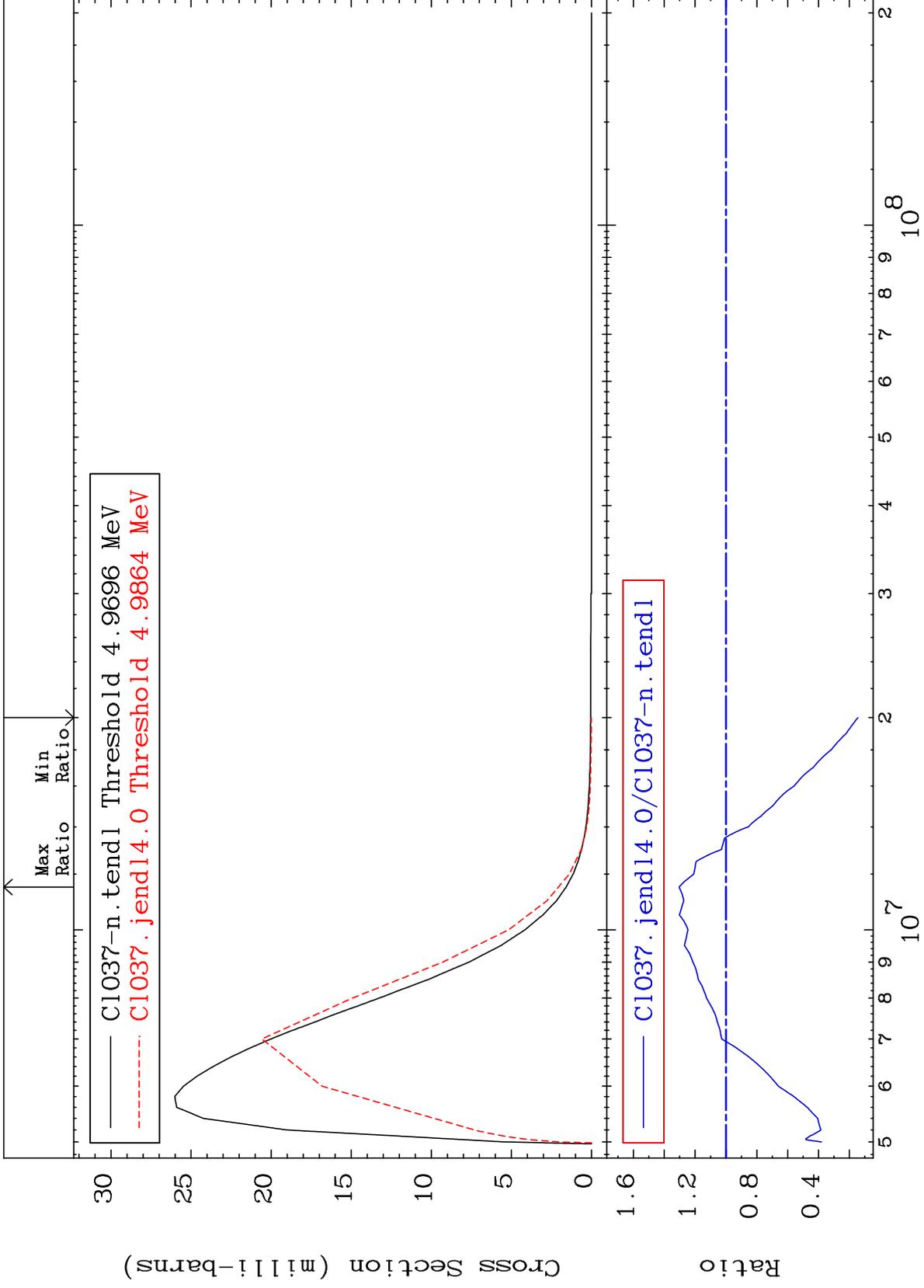
25

17-Cl-37

MAT 1731

4.838 MeV (n,n') Level
Cross Section

17-Cl-37
-85.57 To 30.44 %



26

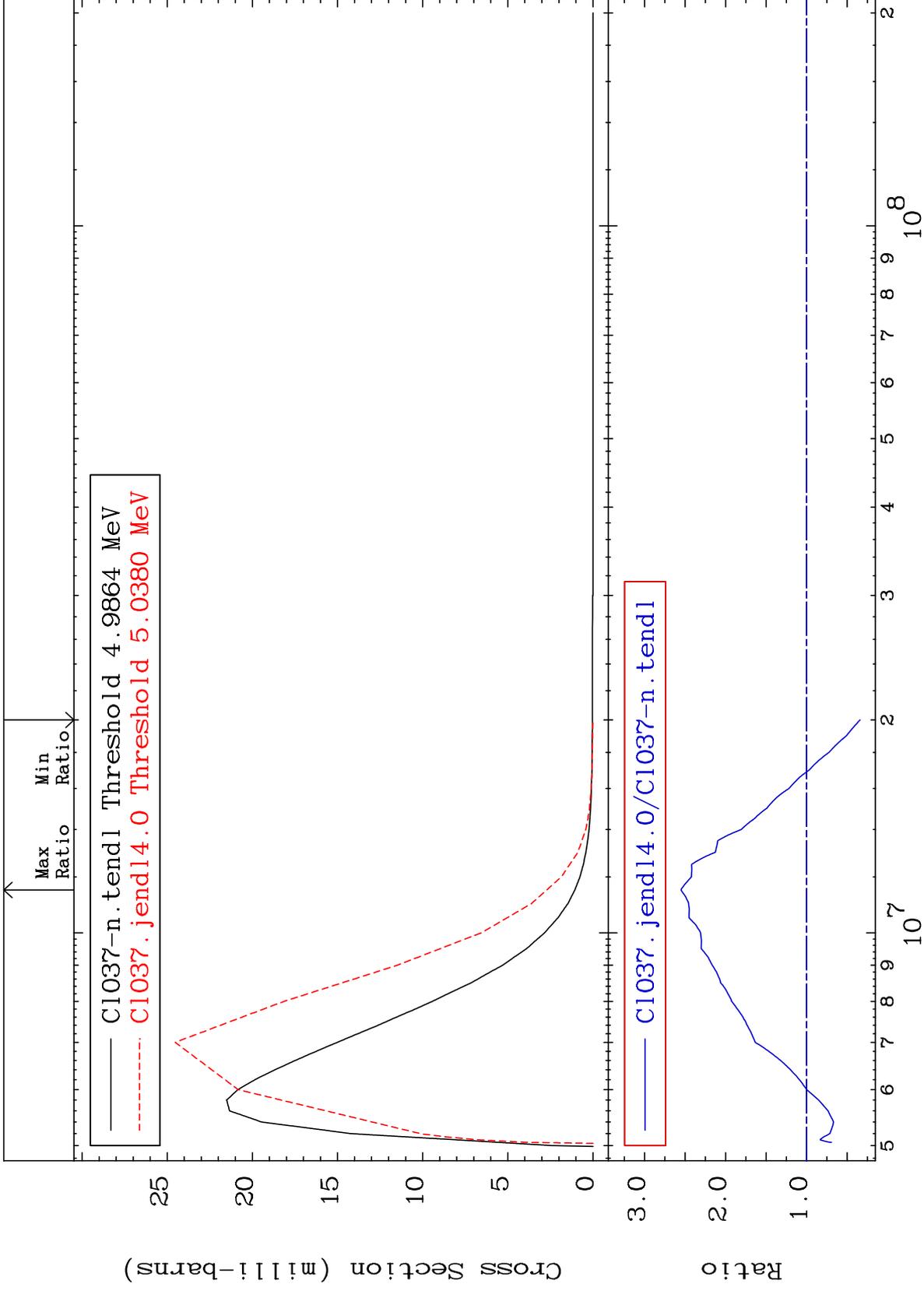
Incident Energy (eV)

17-Cl-37

MAT 1731

4.854 MeV (n,n') Level
Cross Section

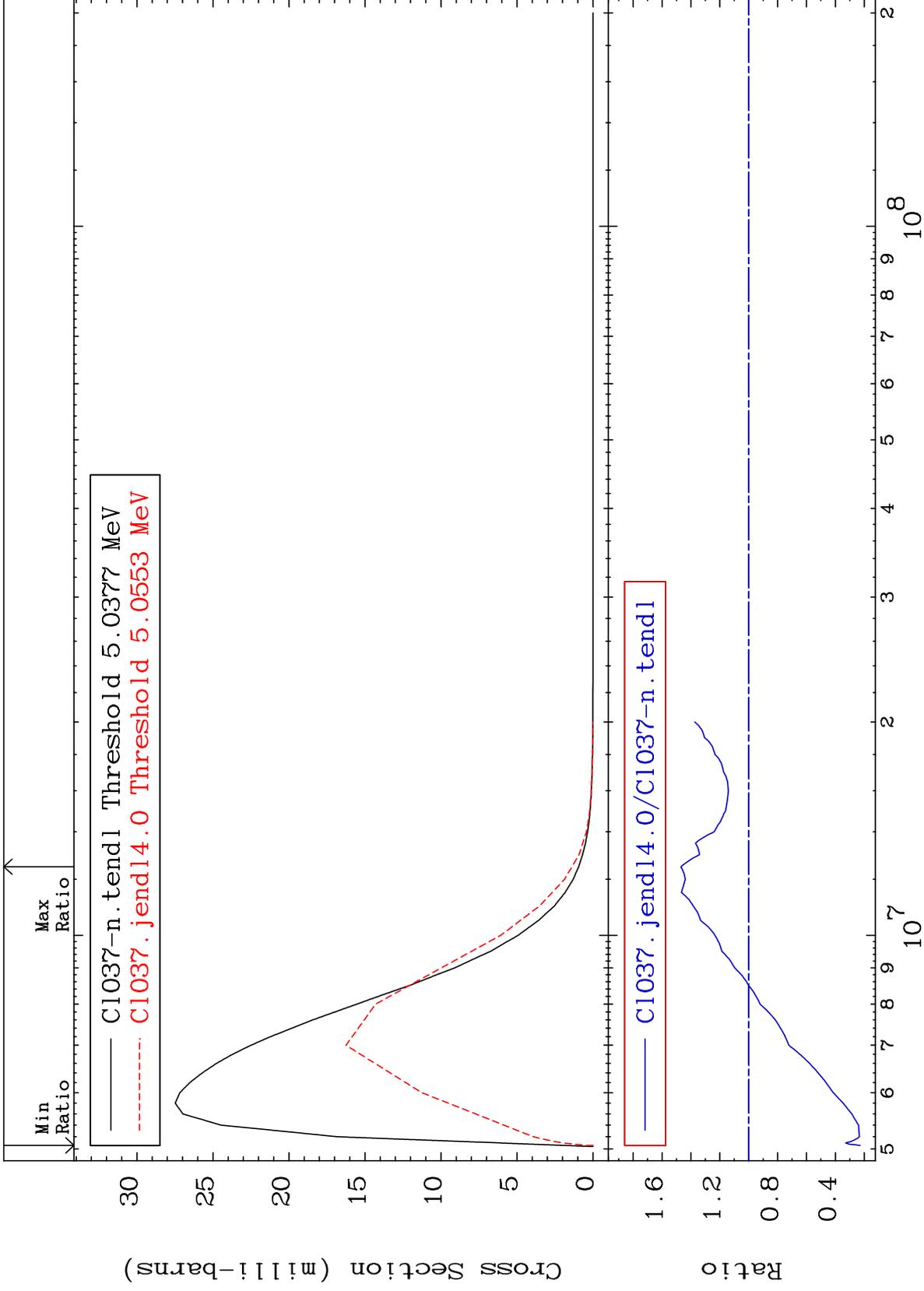
17-Cl-37
-66.04 To 155.3 %



27

Incident Energy (eV)

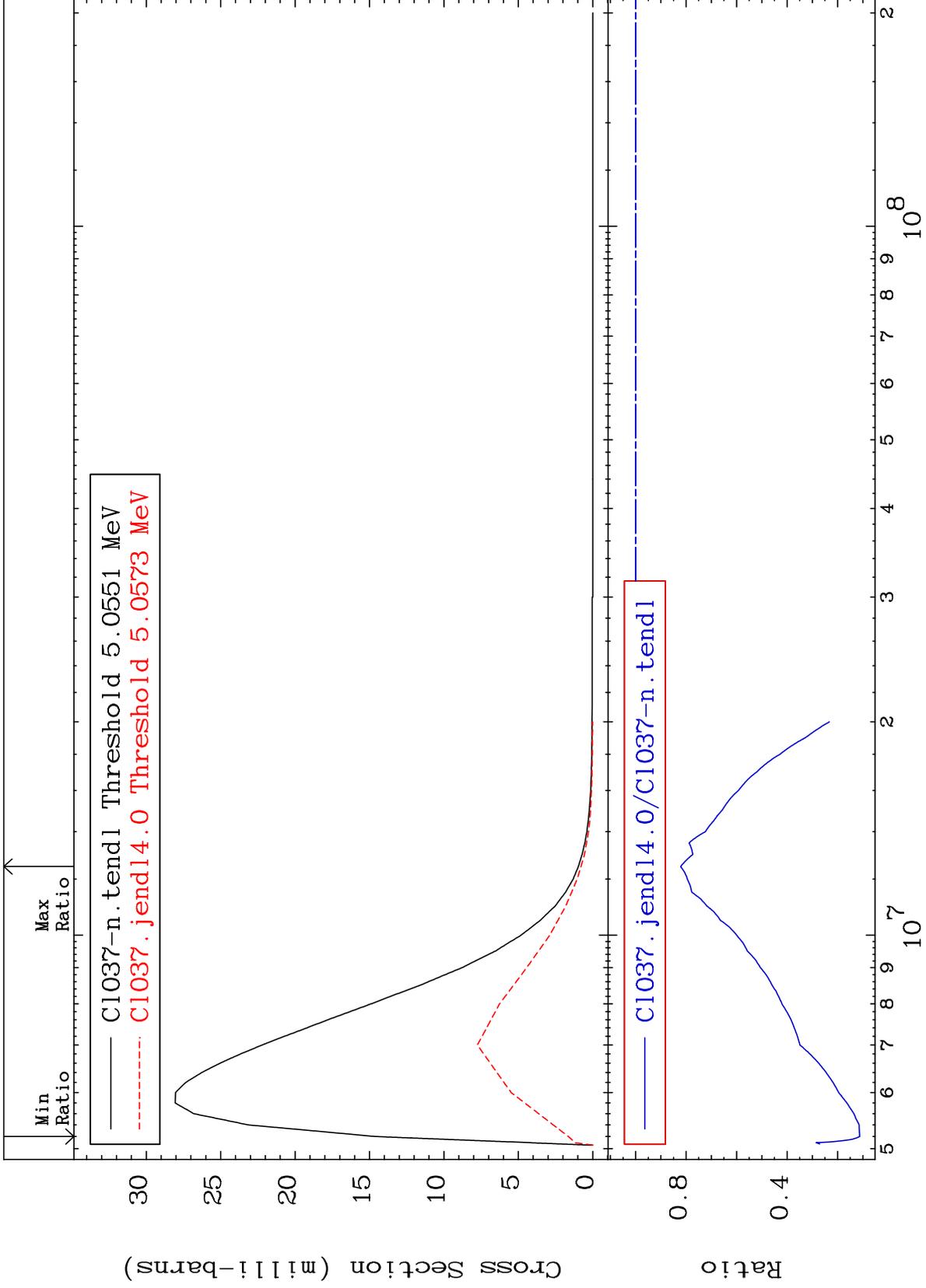
17-Cl-37



MAT 1731

4.921 MeV (n,n') Level
Cross Section

17-Cl-37
-88.80 To -17.79%



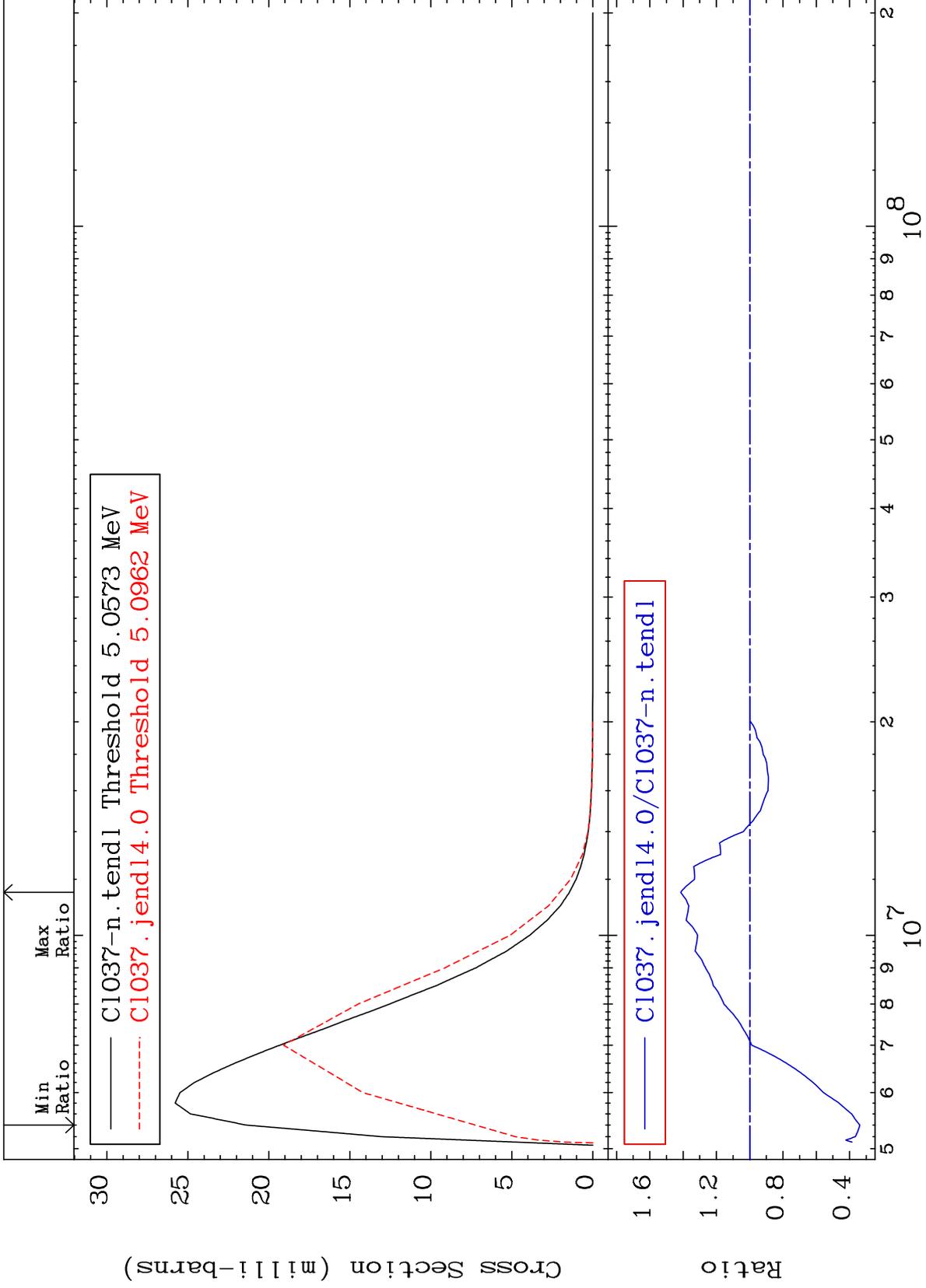
29

17-Cl-37

MAT 1731

4.923 MeV (n,n') Level
Cross Section

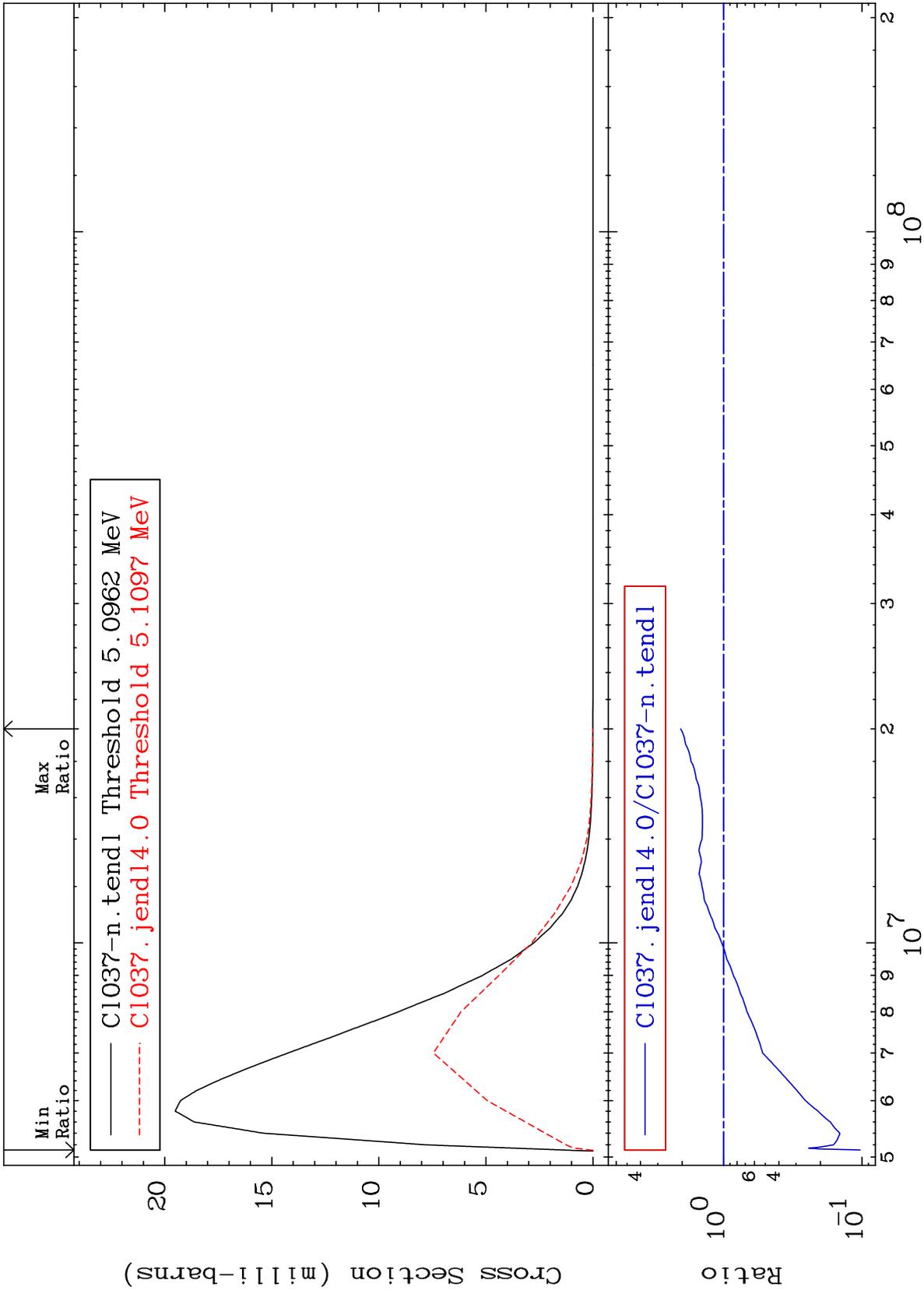
17-Cl-37
-66.12 To 41.57 %



30

Incident Energy (eV)

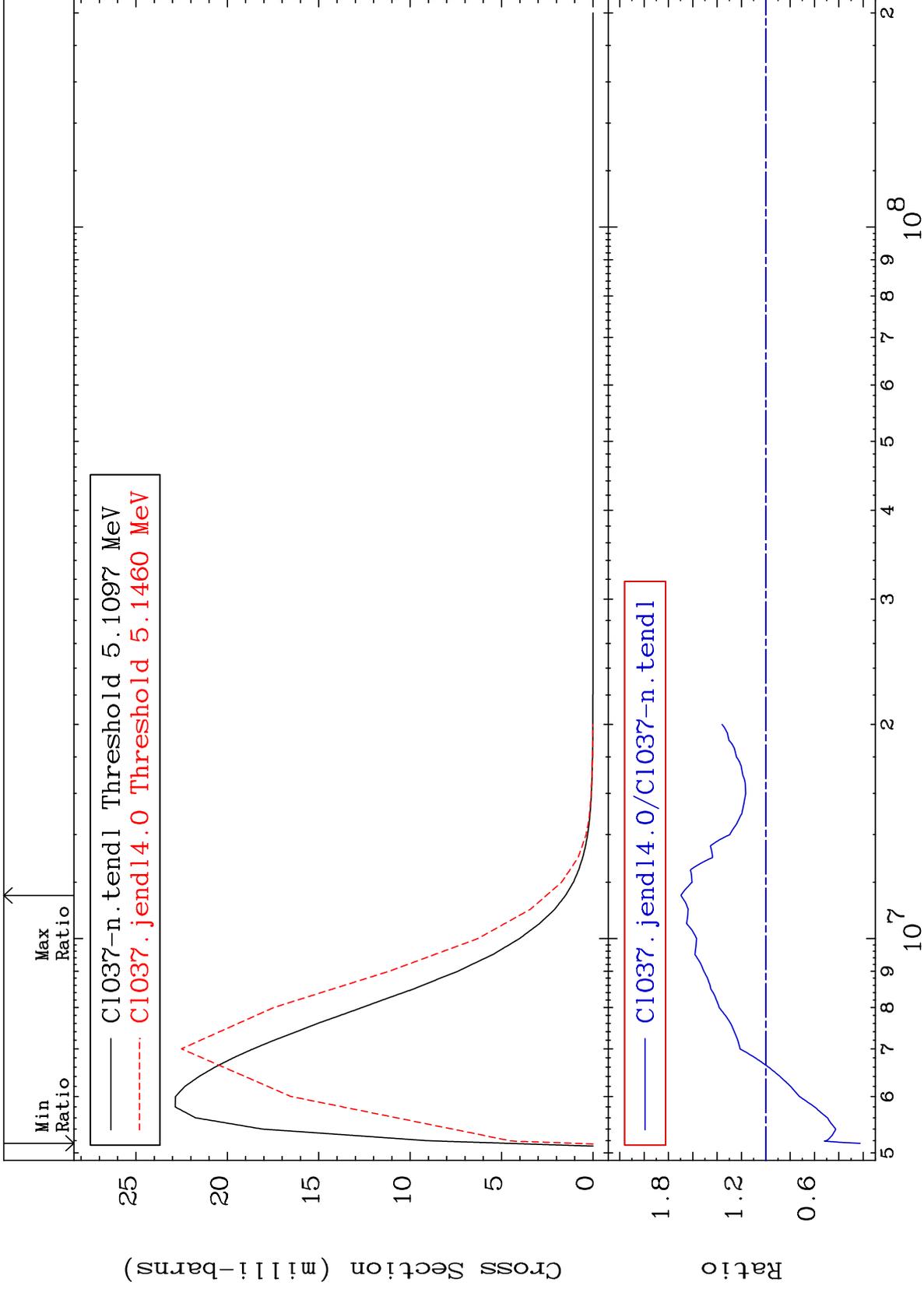
17-Cl-37



MAT 1731

4.974 MeV (n,n') Level
Cross Section

17-Cl-37
-77.46 To 69.87 %



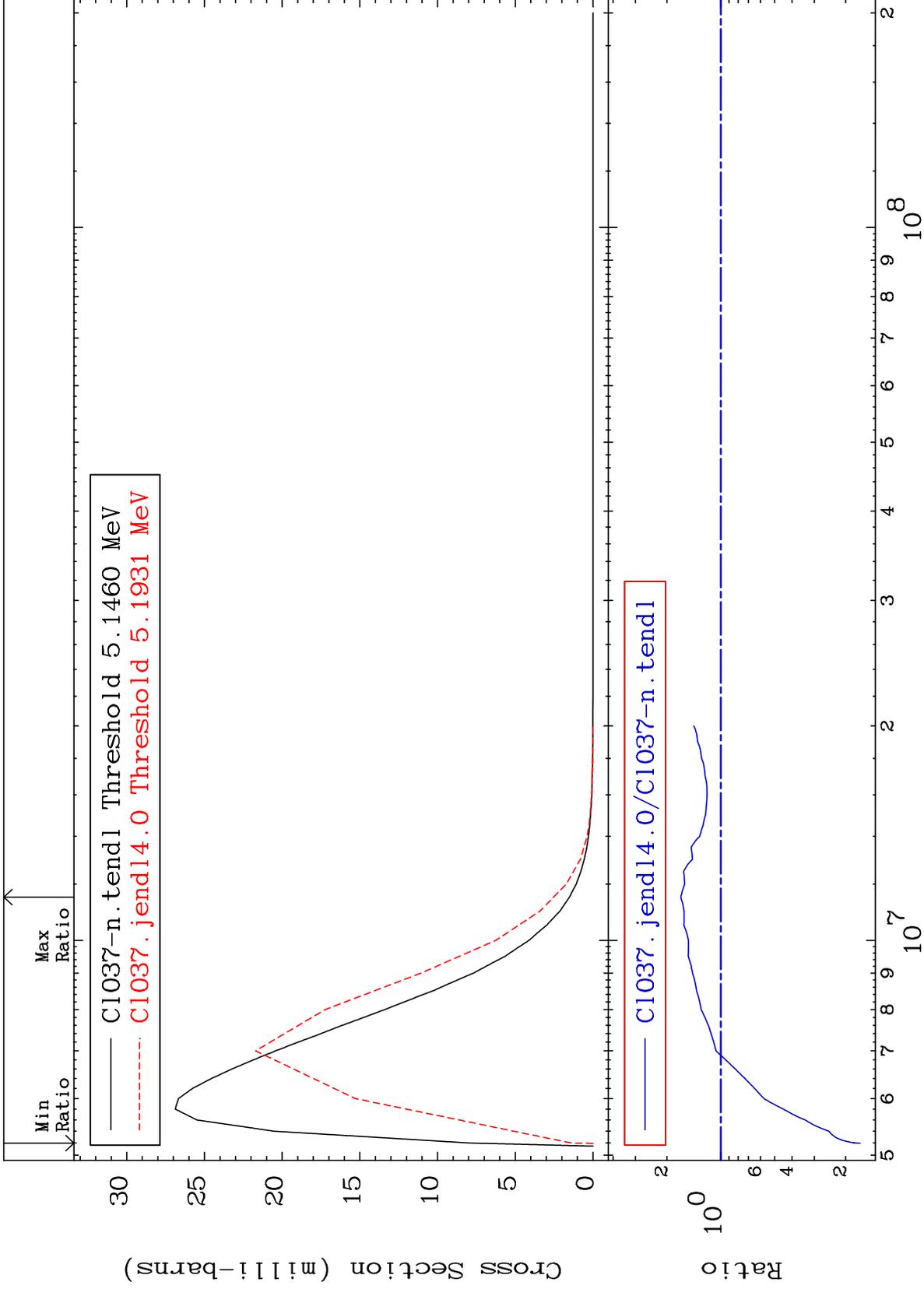
32

17-Cl-37

MAT 1731

5.009 MeV (n,n') Level
Cross Section

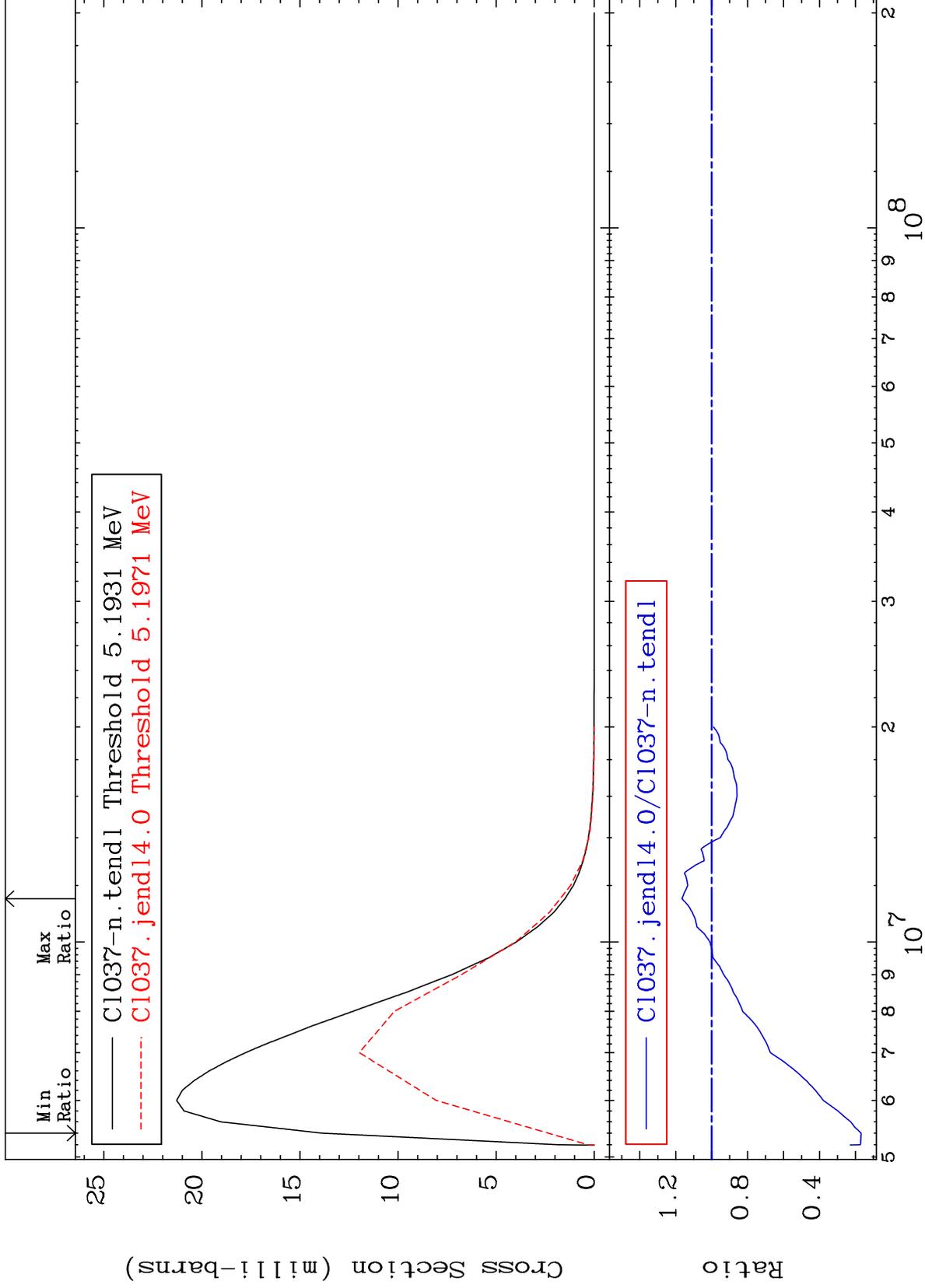
17-Cl-37
-83.38 To 67.43 %

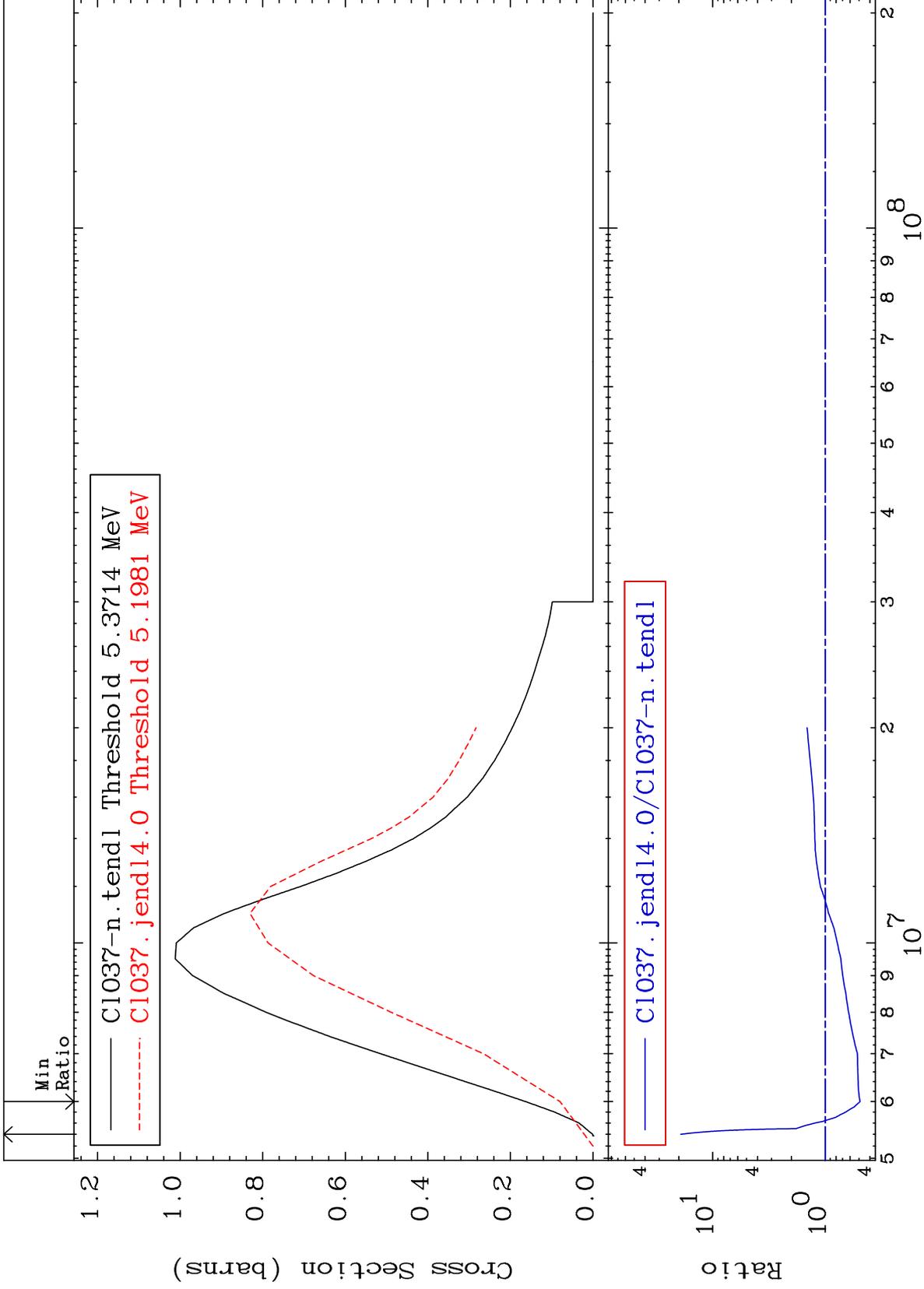


MAT 1731

5.055 MeV (n,n') Level
Cross Section

17-Cl-37
-83.14 To 16.57 %





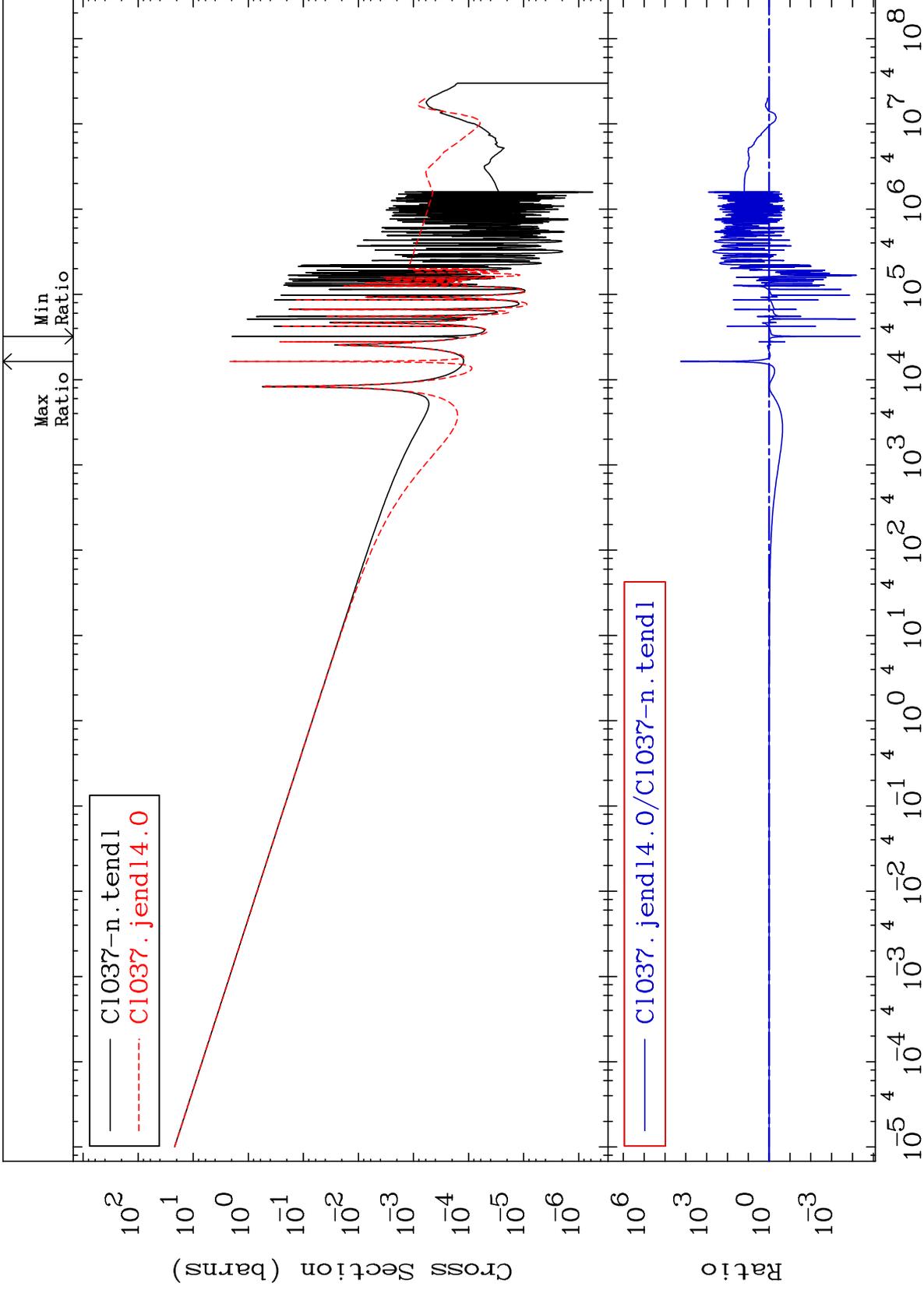
MAT 1731

(n, γ)

Cross Section

17-Cl-37

-100.0 To 9999. %



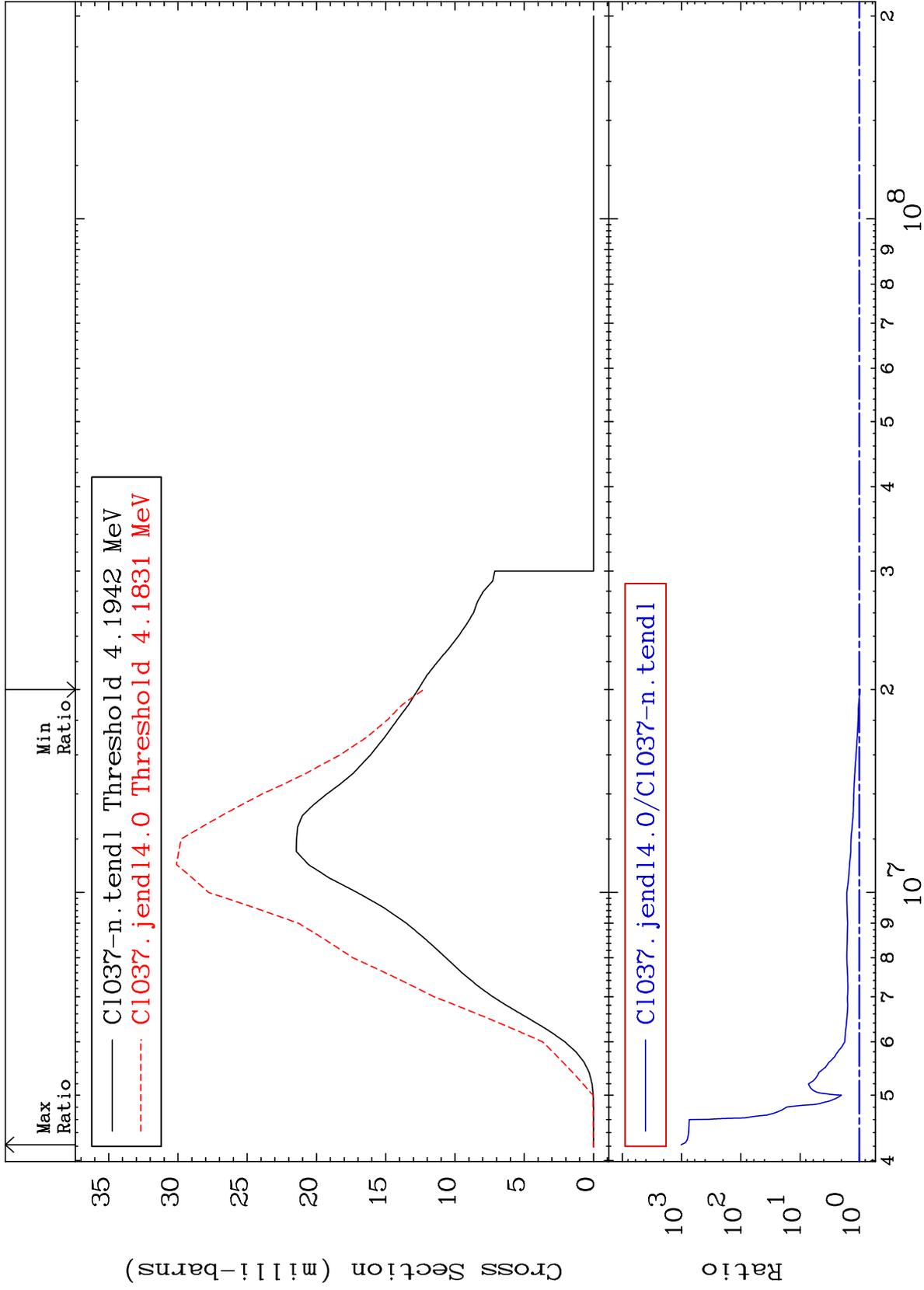
MAT 1731

(n,p)

17-Cl-37

Cross Section

-3.144 To 9999. %



37

Incident Energy (eV)

17-Cl-37

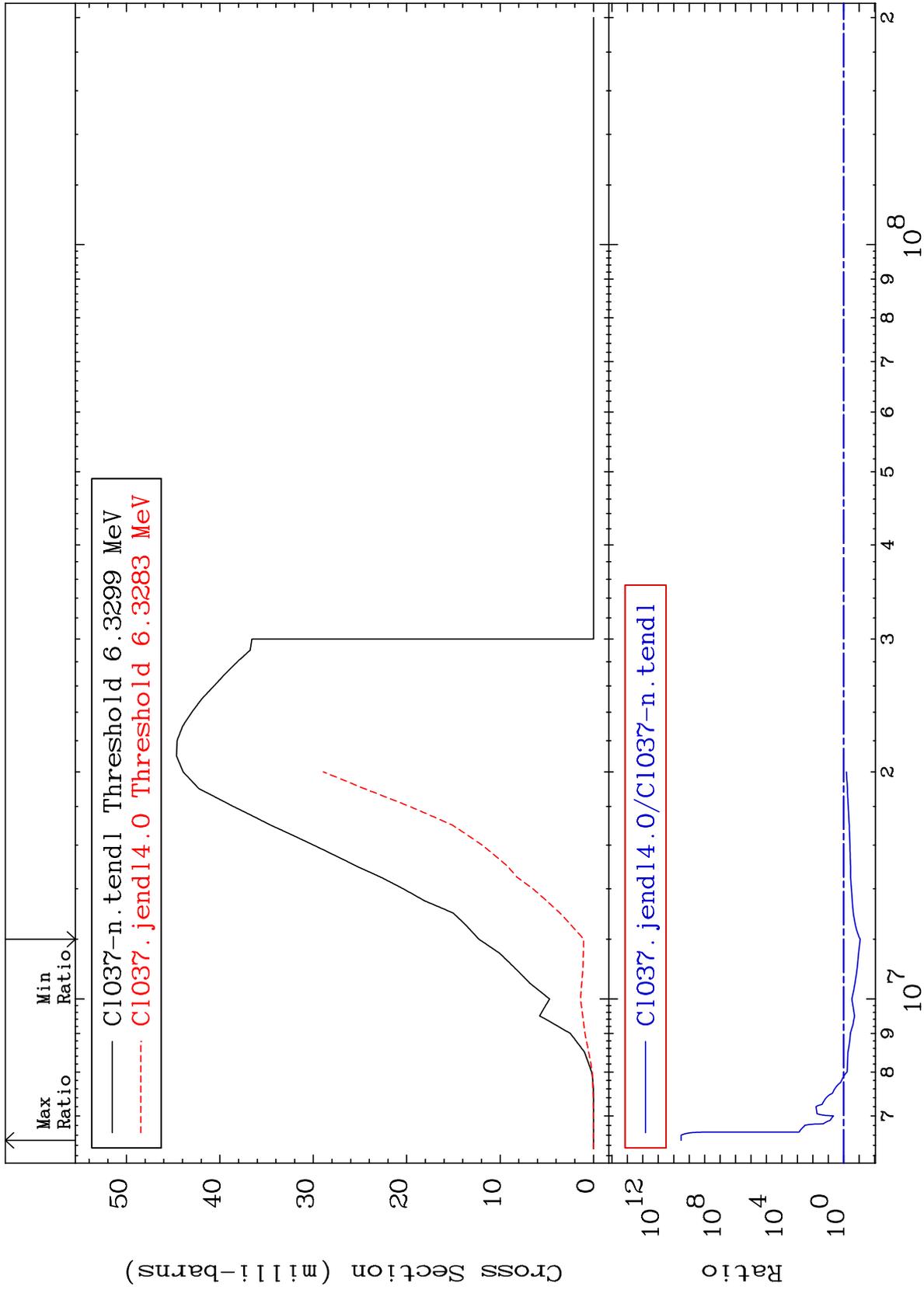
MAT 1731

(n, d)

17-Cl-37

Cross Section

-91.40 To 9999. %



38

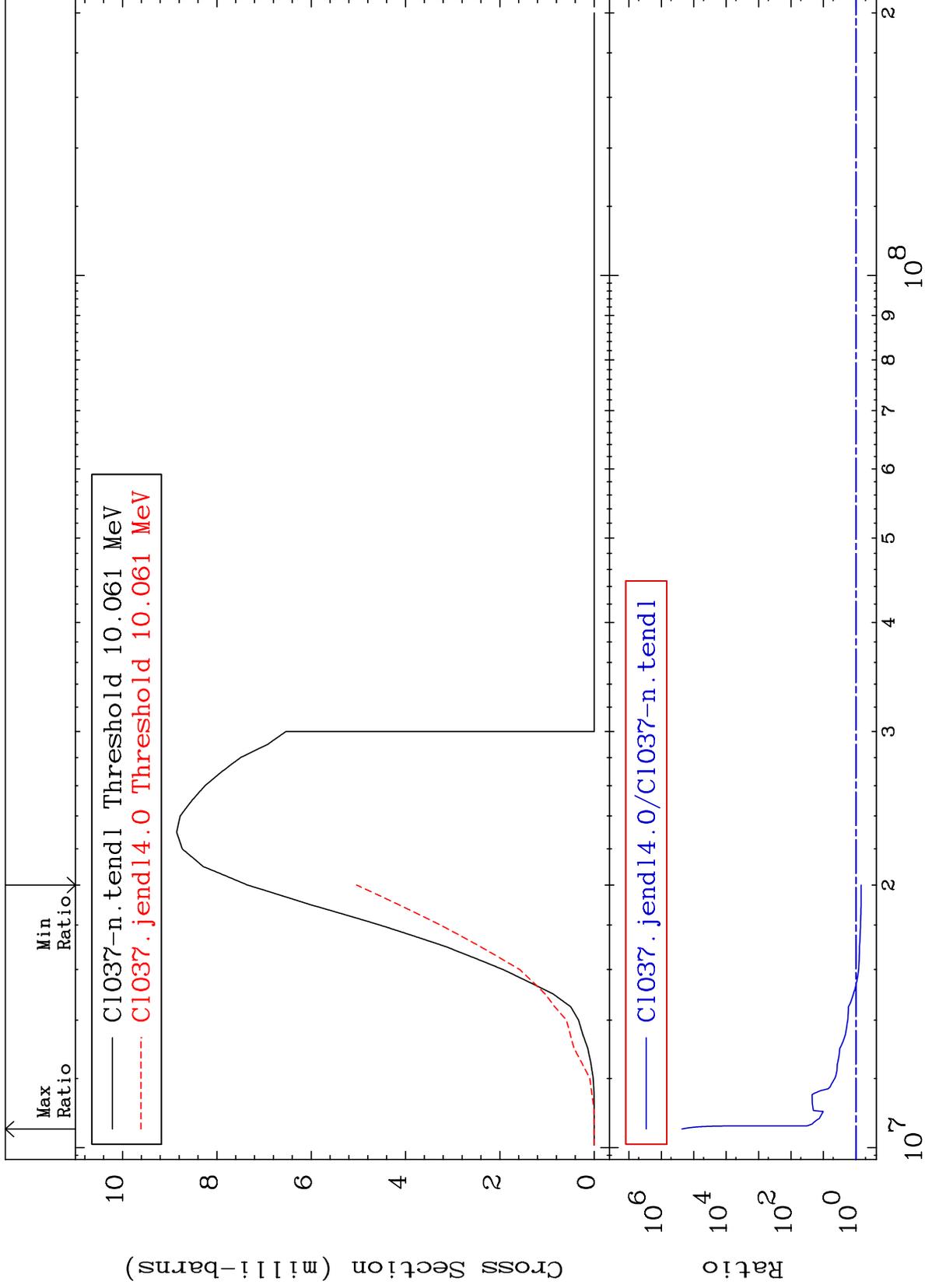
Incident Energy (eV)

17-Cl-37

MAT 1731

(n, t)
Cross Section

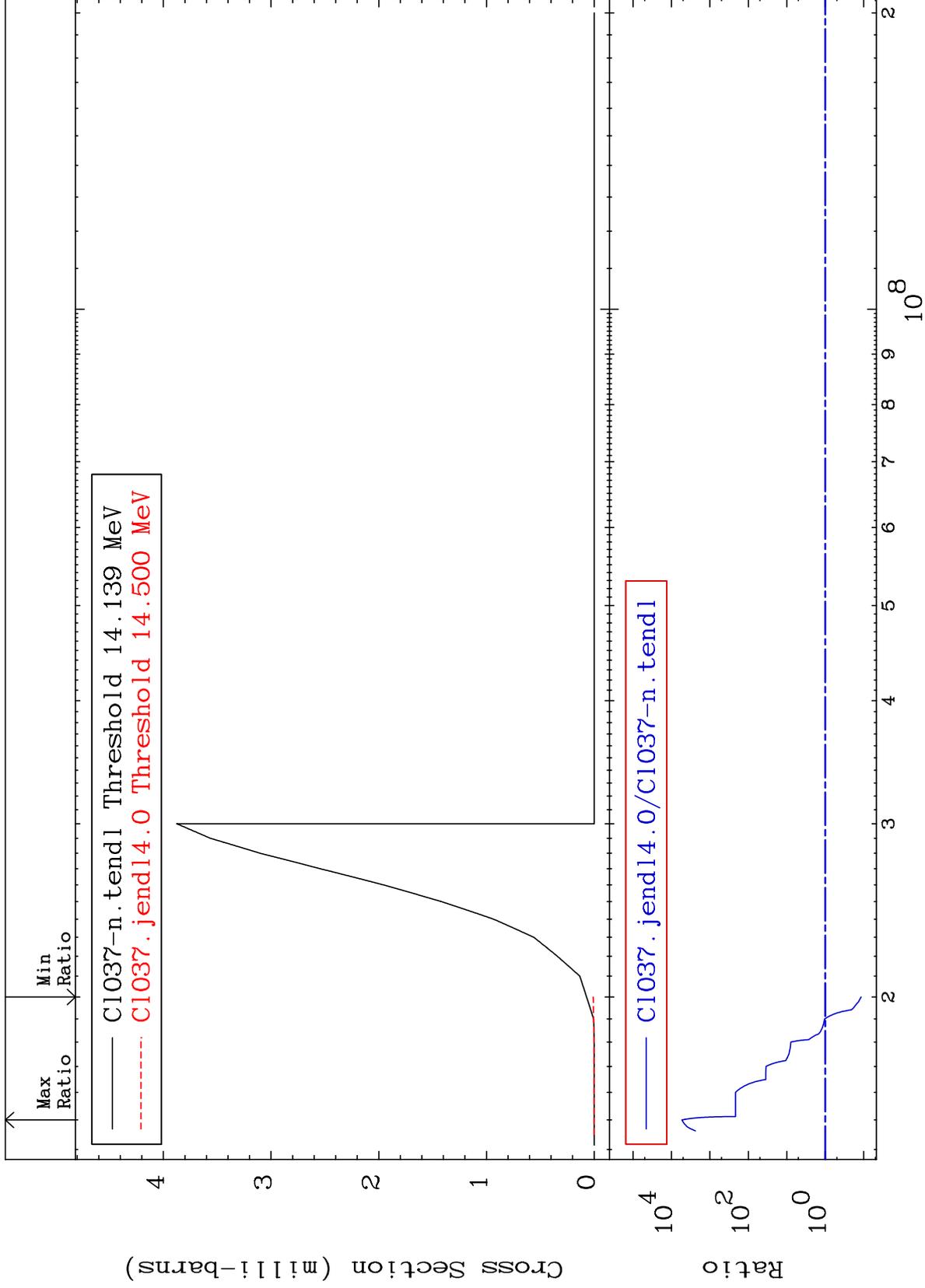
17-Cl-37
-31.45 To 9999. %



39

Incident Energy (eV)

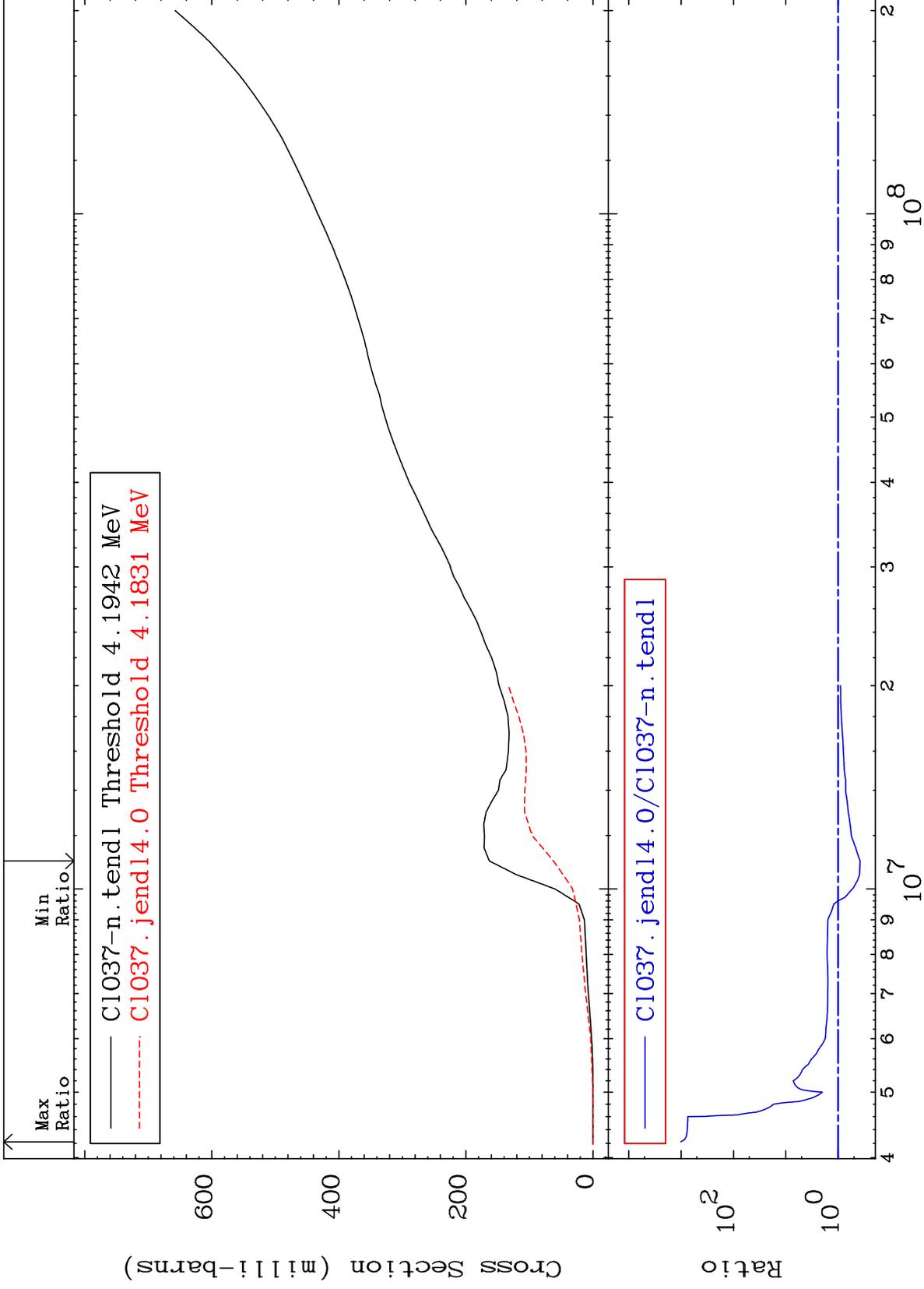
17-Cl-37



MAT 1731

Hydrogen Production
Cross Section

17-Cl-37
-61.85 To 9999. %



42

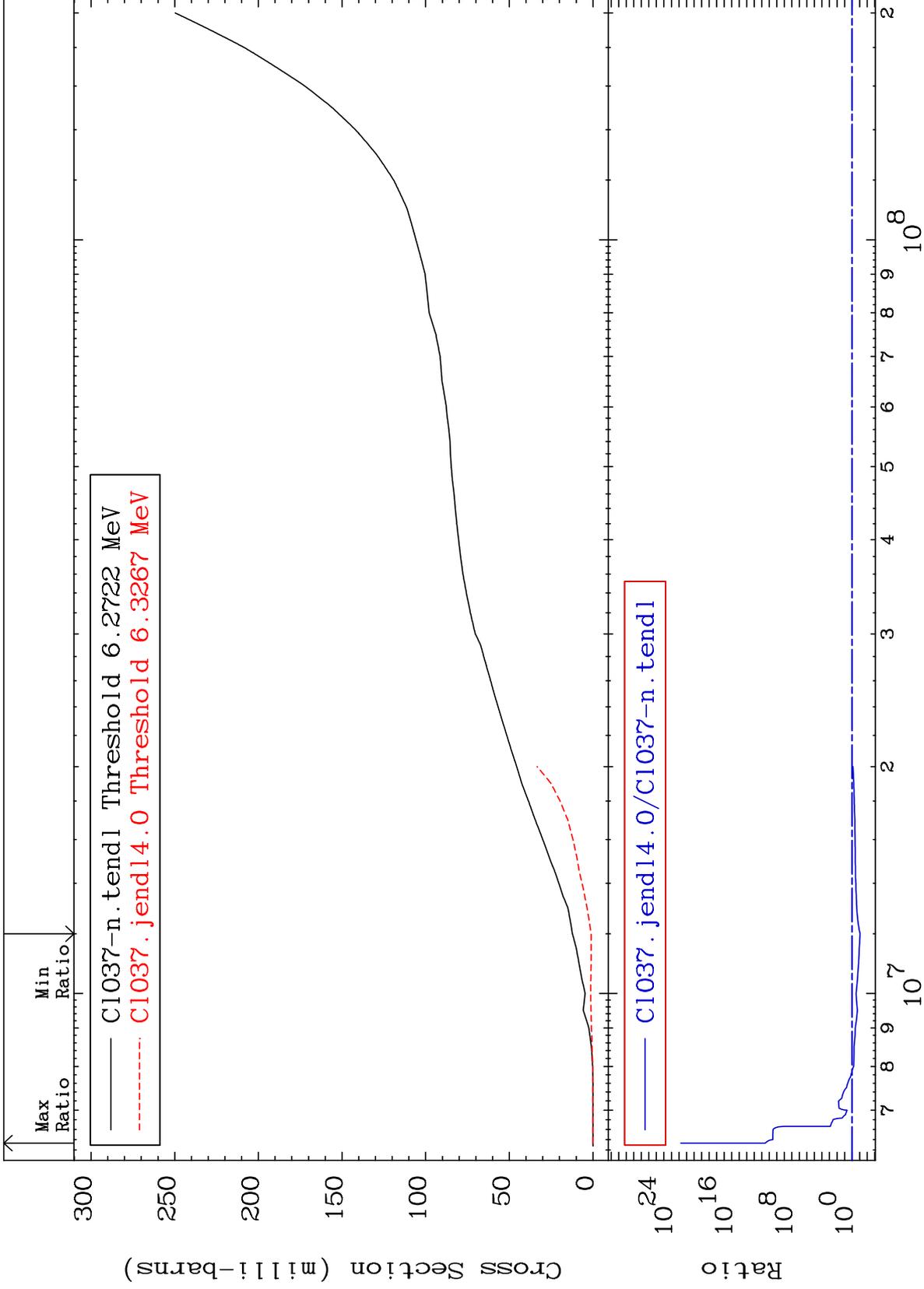
Incident Energy (eV)

17-Cl-37

MAT 1731

Deuterium Production
Cross Section

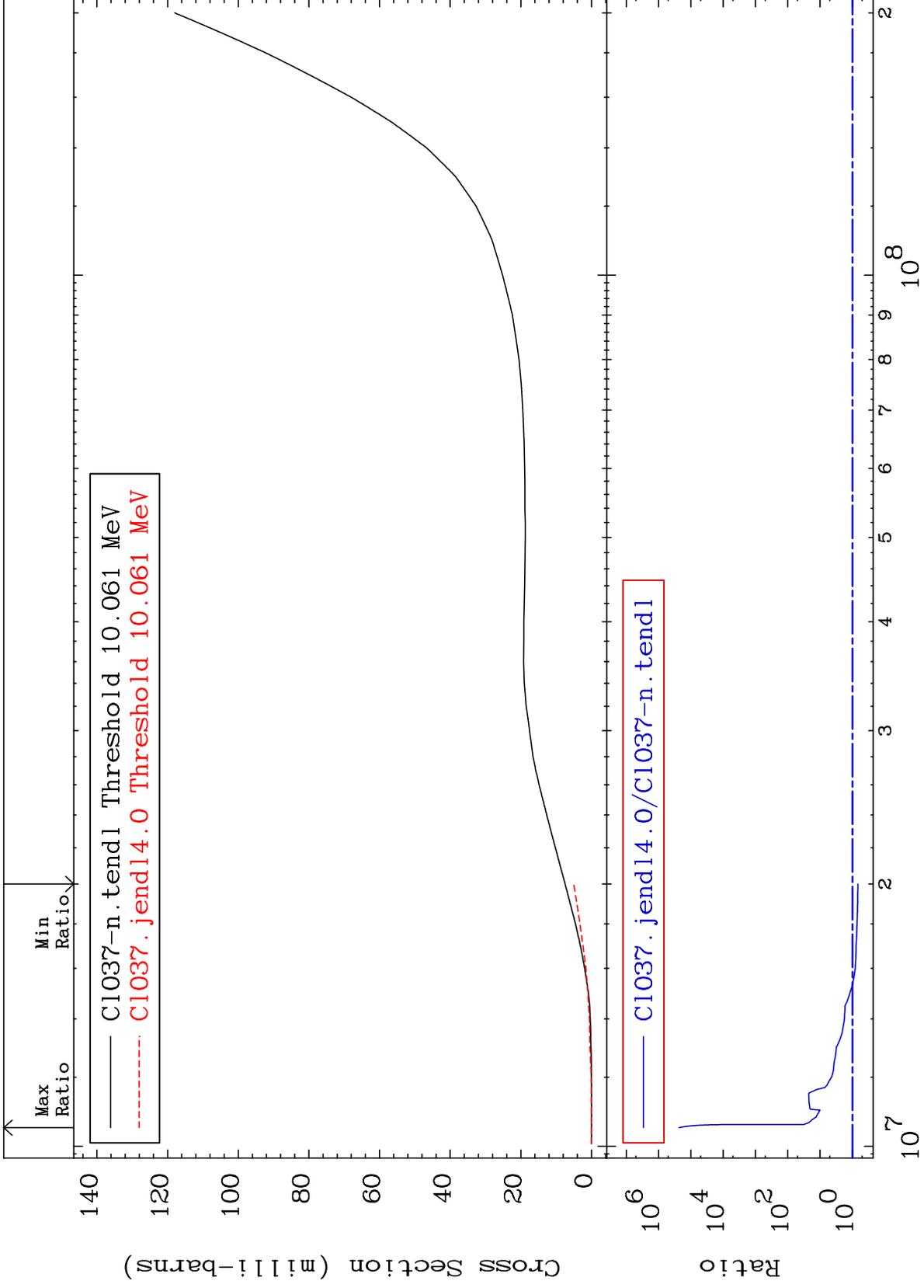
17-Cl-37
-91.40 To 9999. %



MAT 1731

Tritium Production
Cross Section

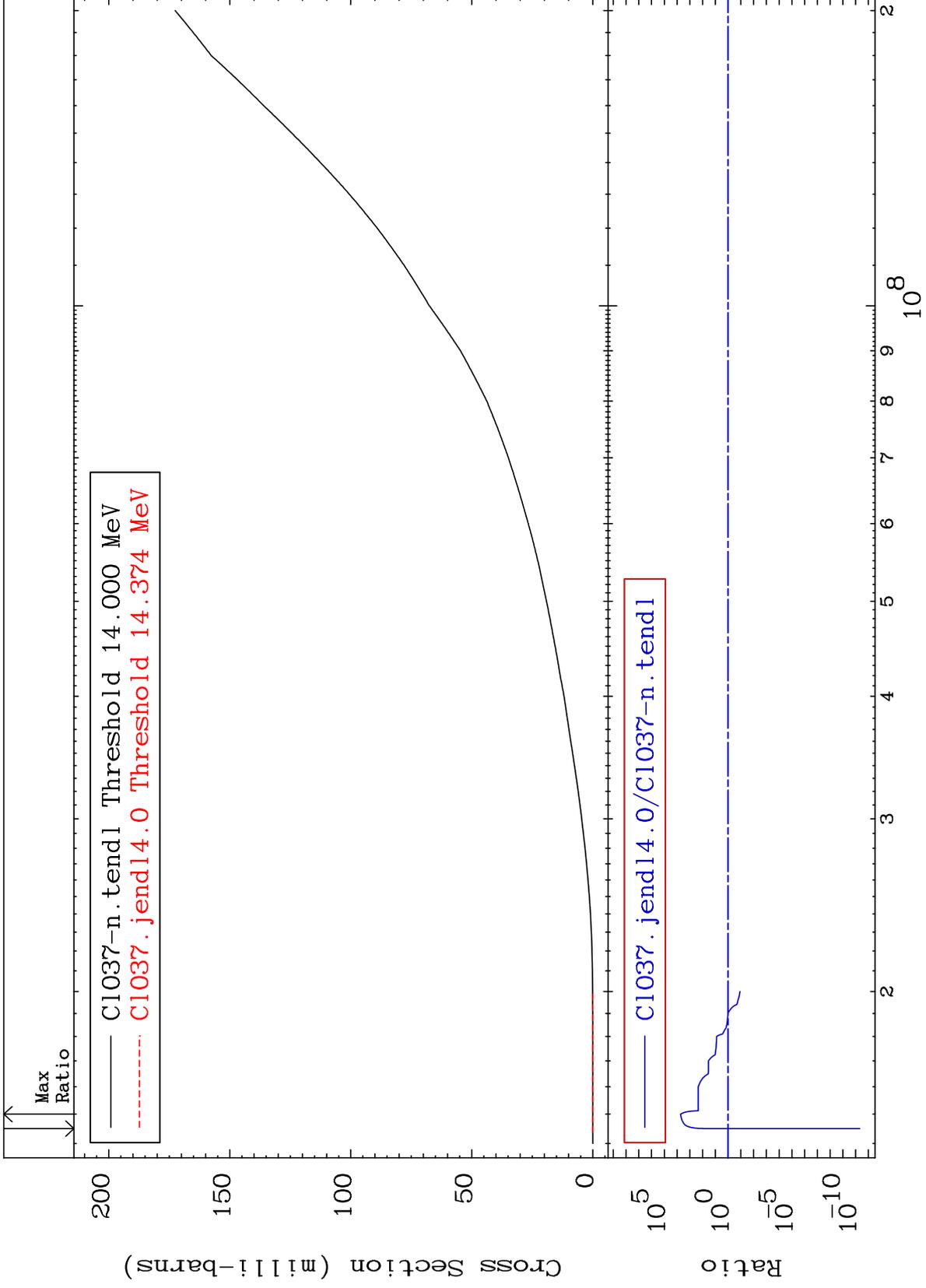
17-Cl-37
-32.52 To 9999. %



44

Incident Energy (eV)

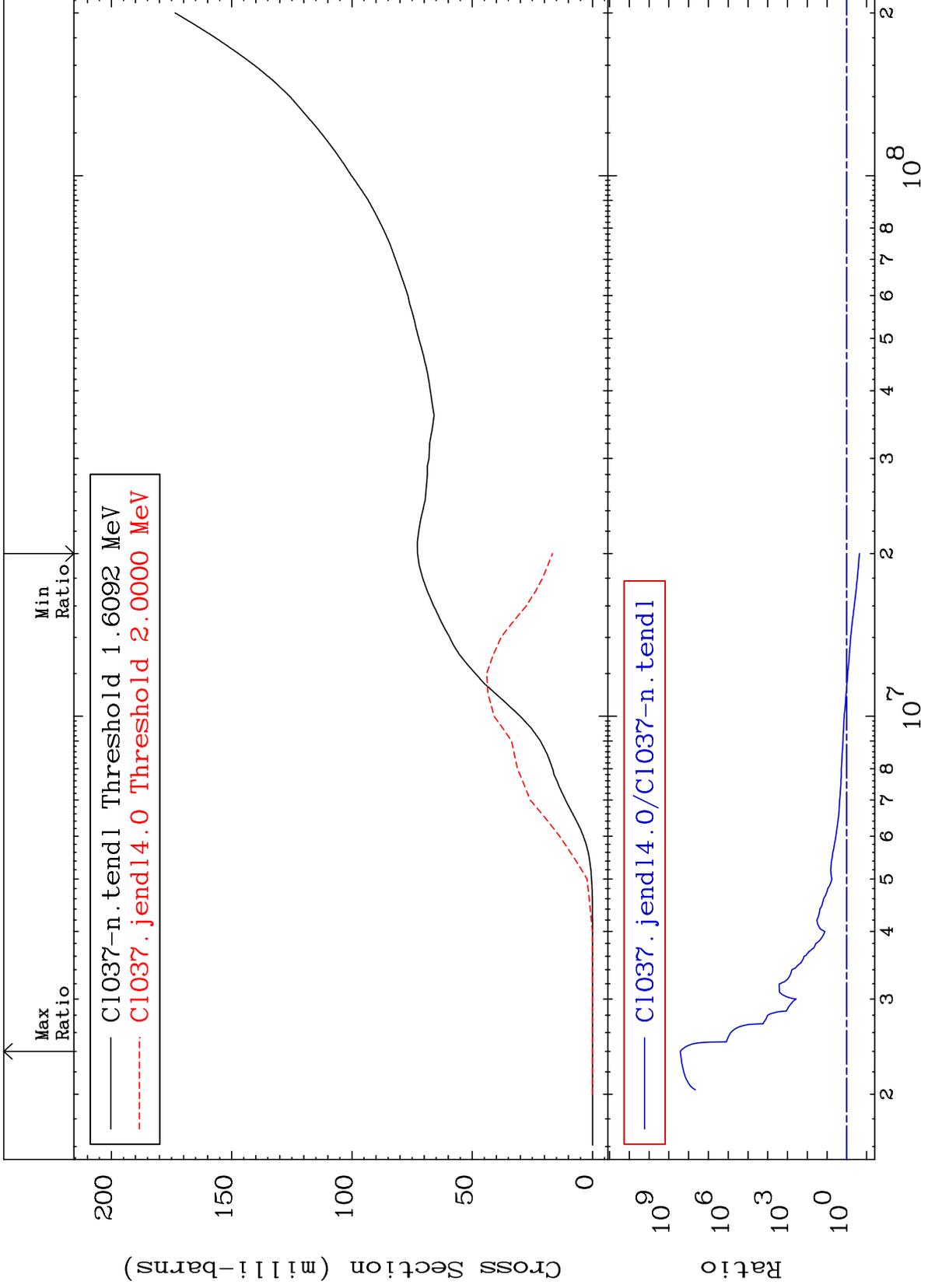
17-Cl-37

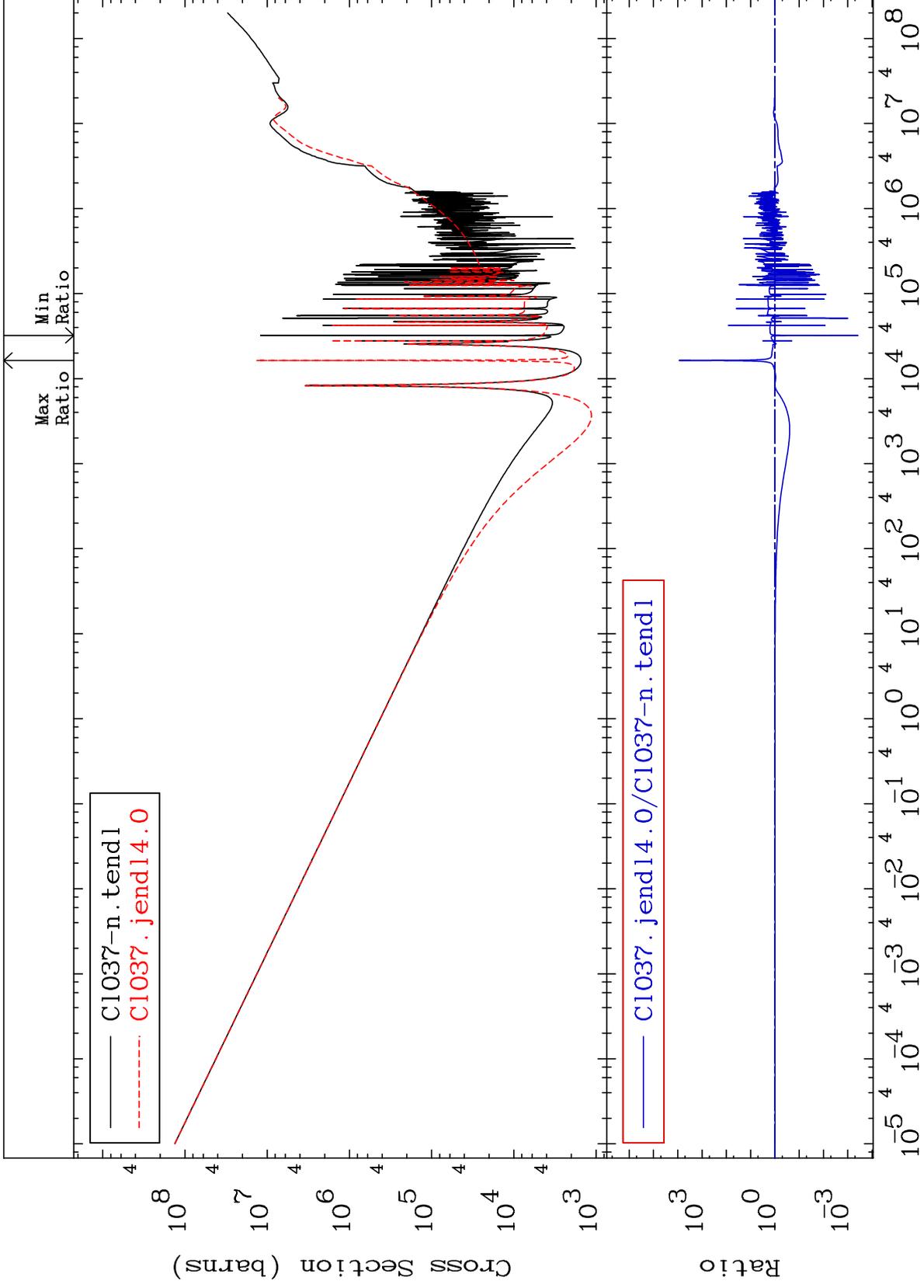


MAT 1731

He-4 Production
Cross Section

17-Cl-37
-77.09 To 9999. %

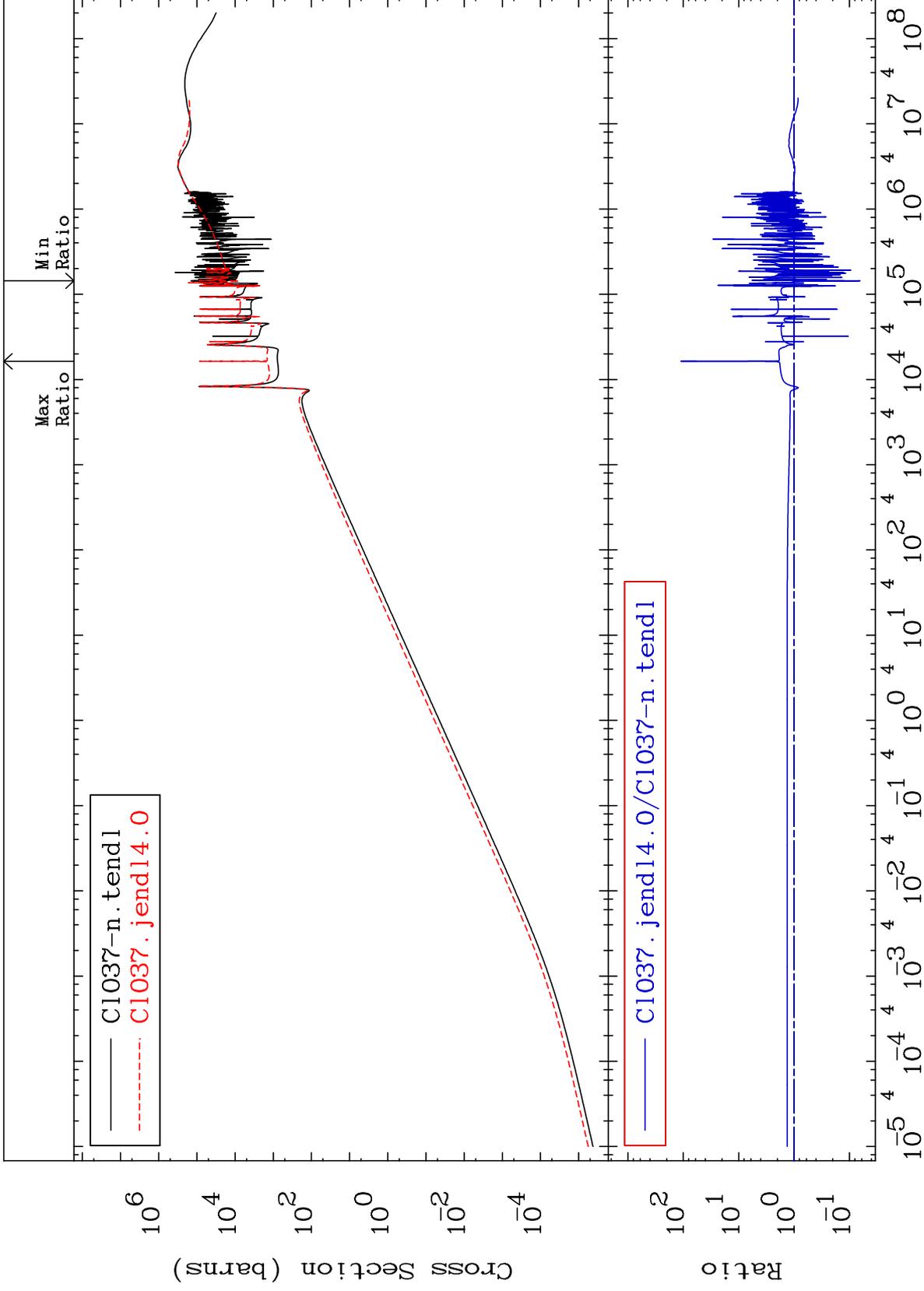


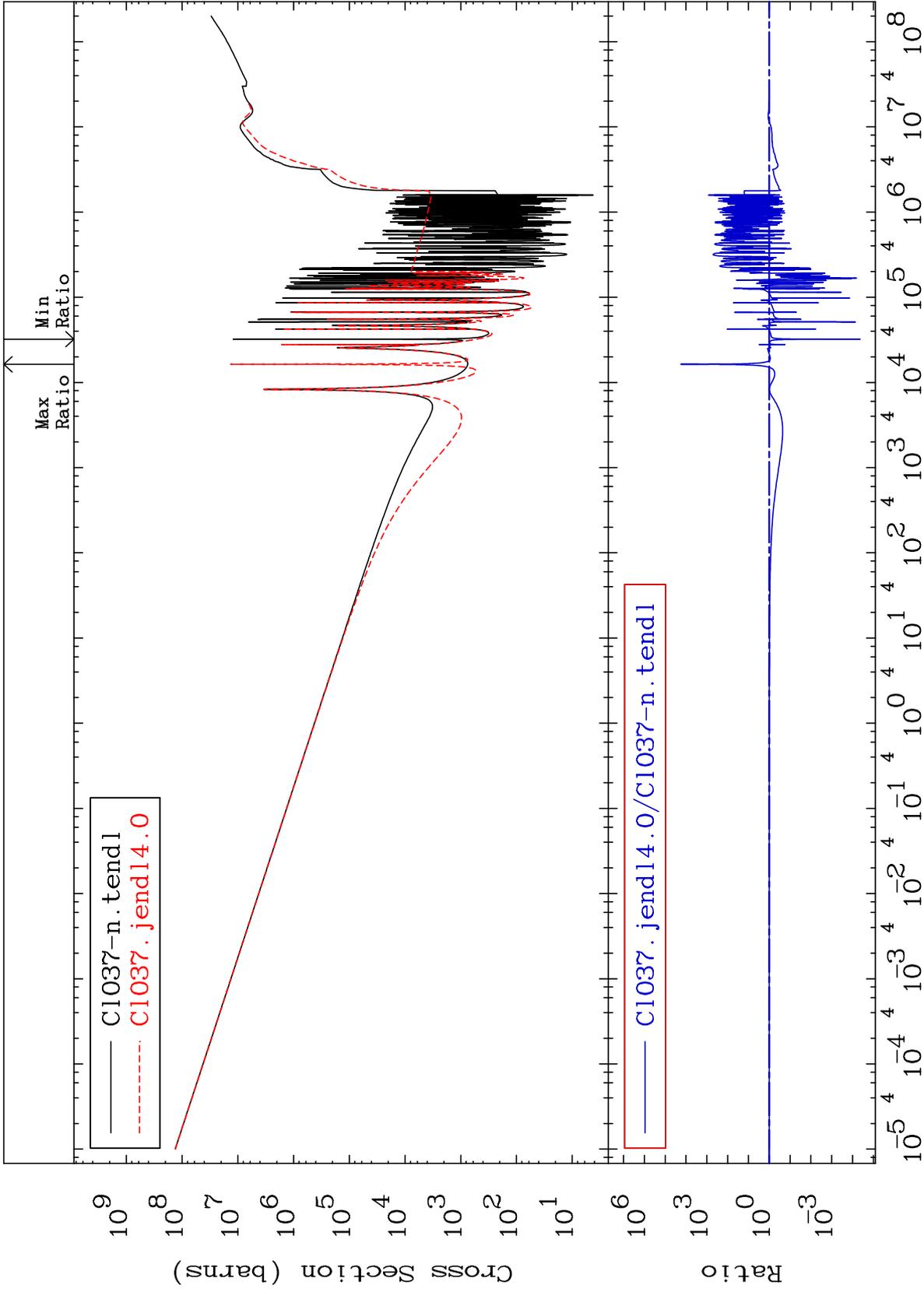


MAT 1731

Kerma elastic
Cross Section

17-Cl-37
-93.59 To 9999. %

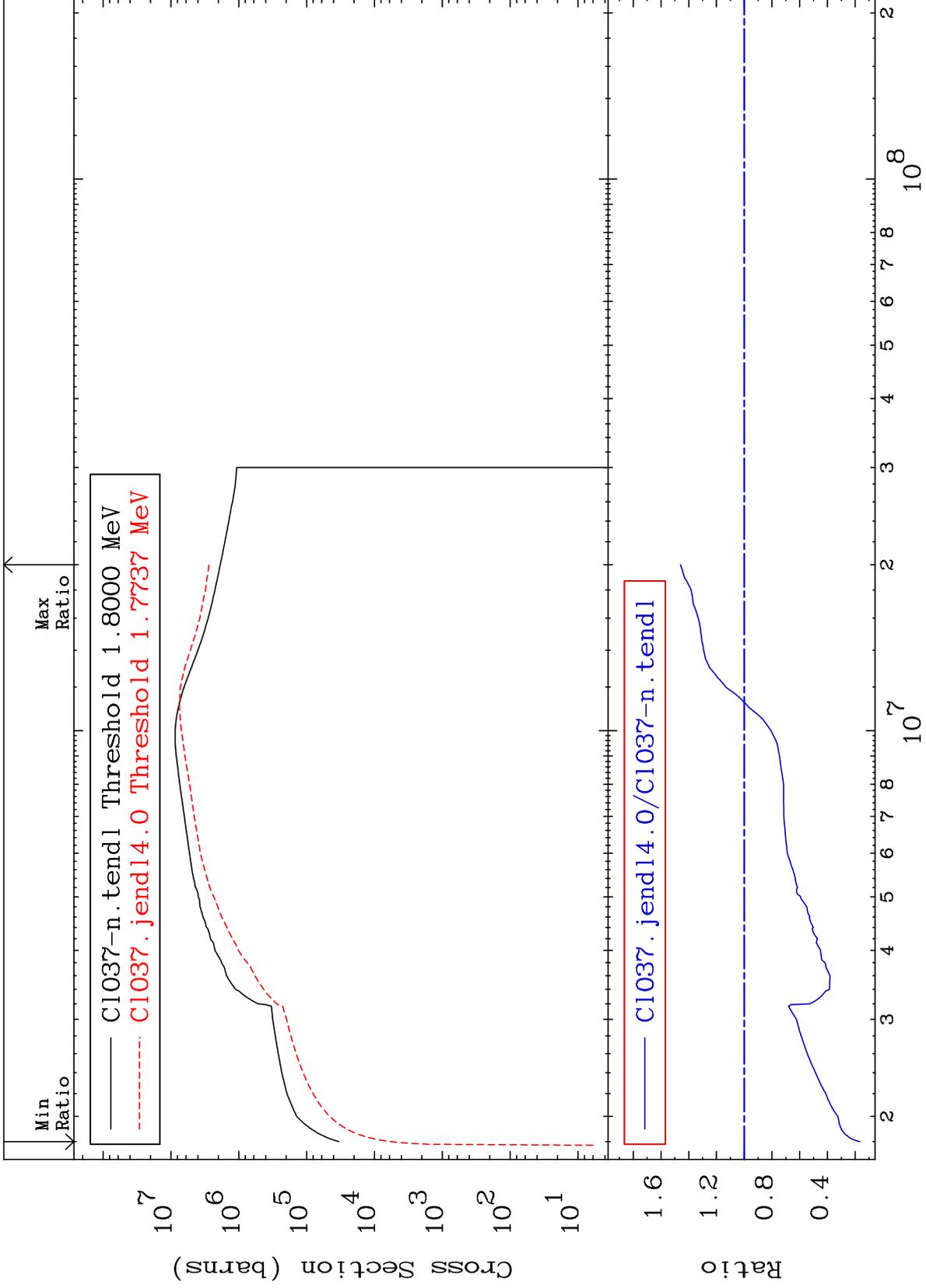




MAT 1731

Kerma inelastic (mt51-91)
Cross Section

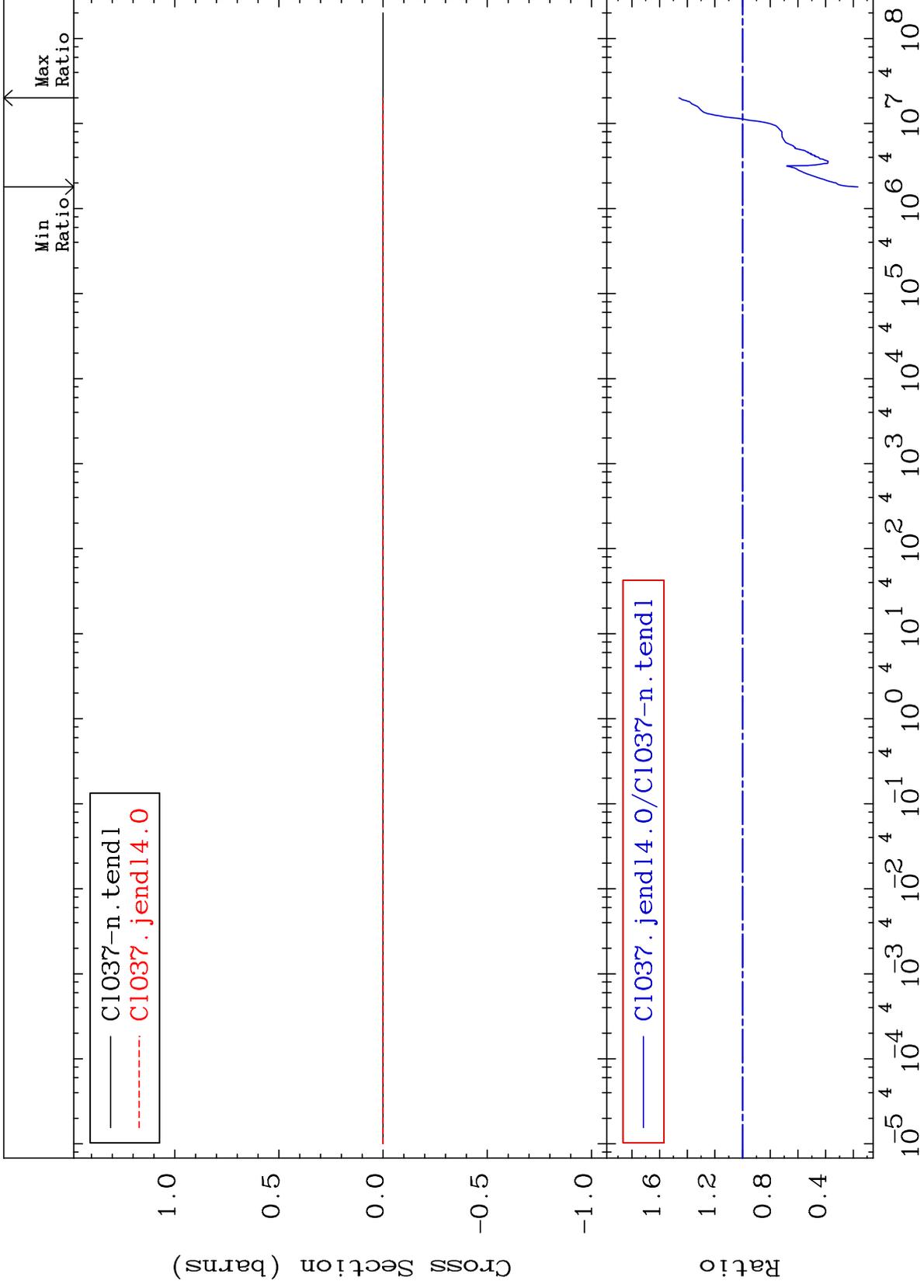
17-Cl-37
-83.31 To 45.92 %



MAT 1731

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

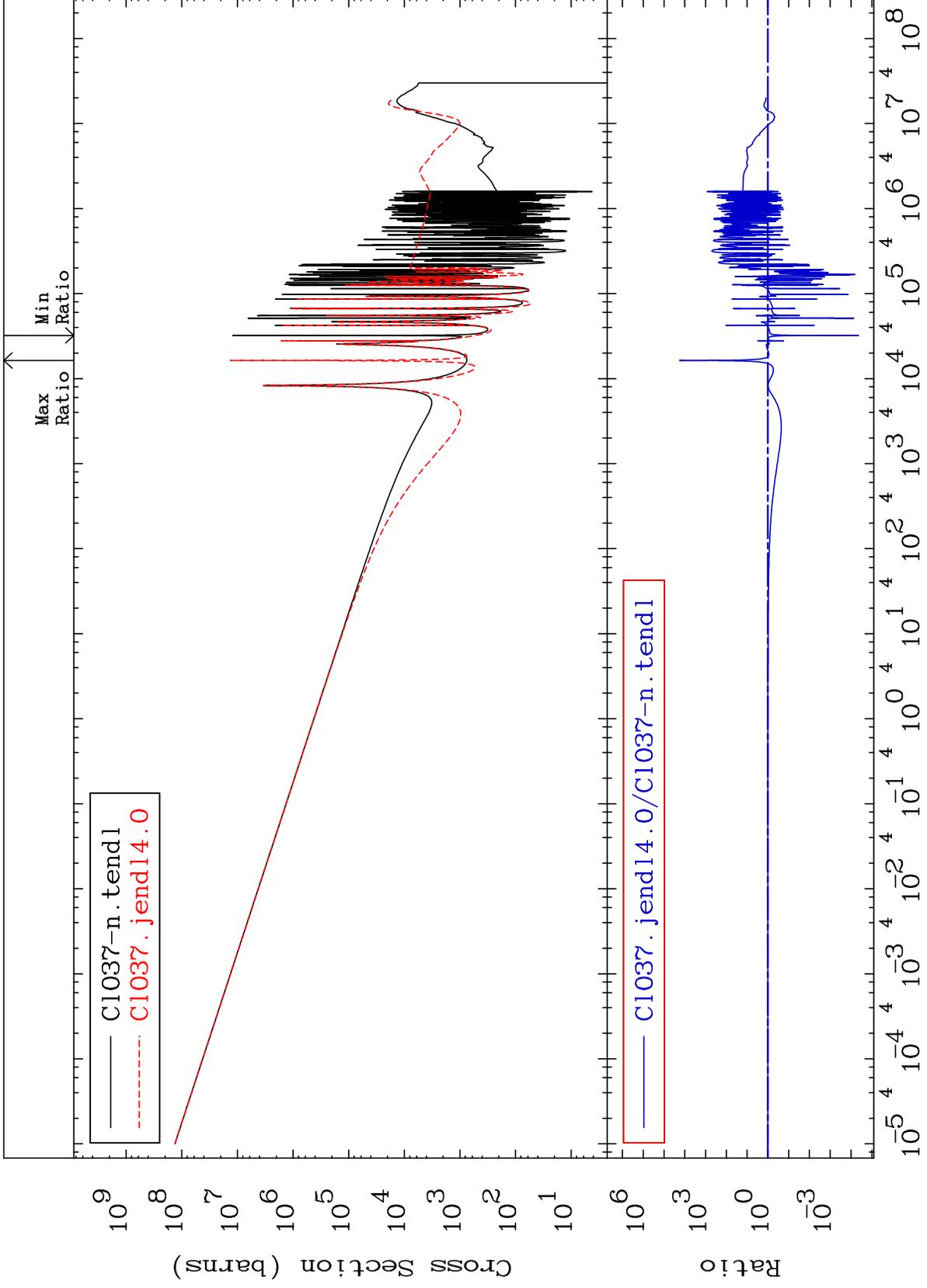
17-C1-37
-83.31 To 45.92 %

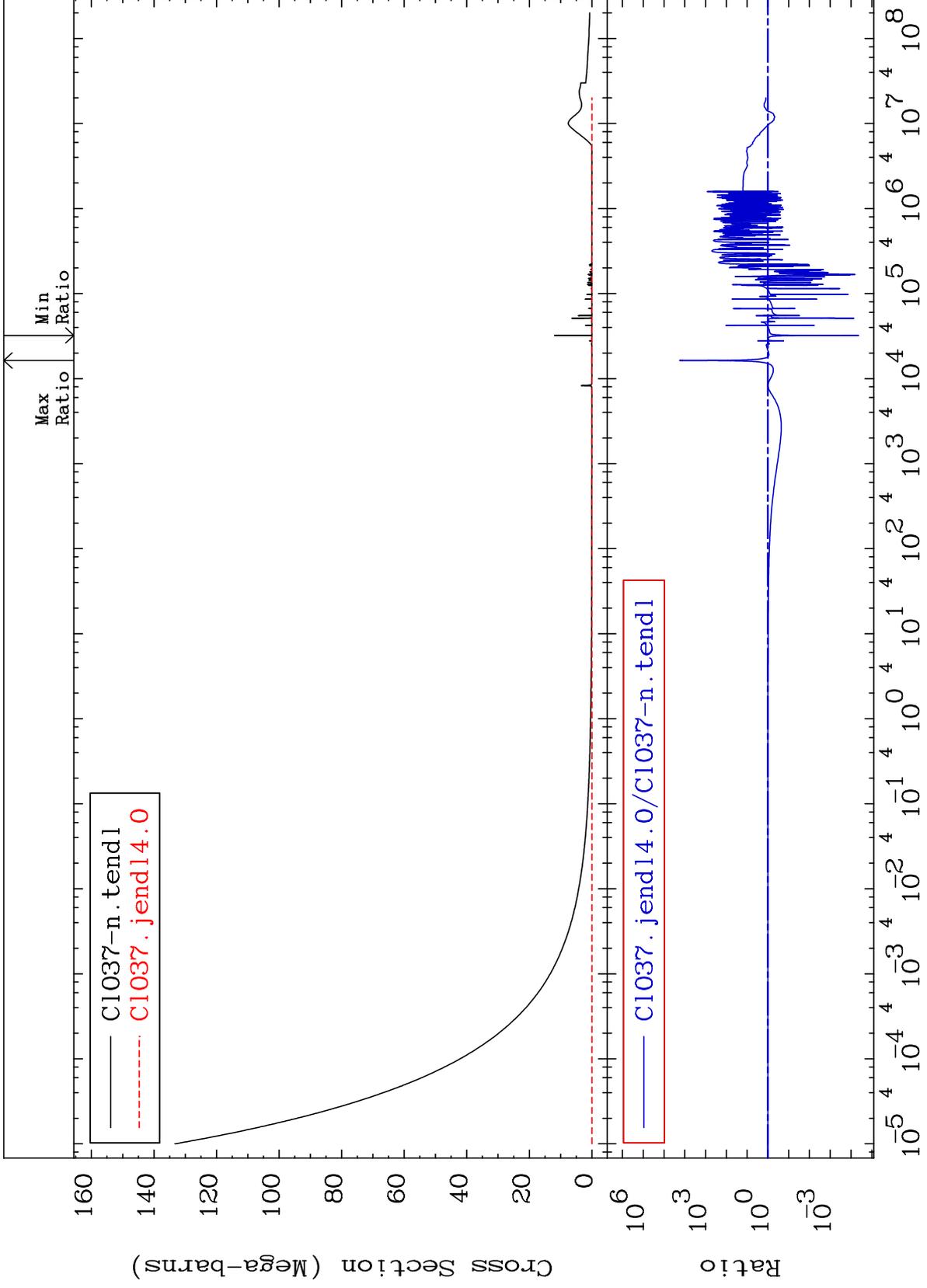


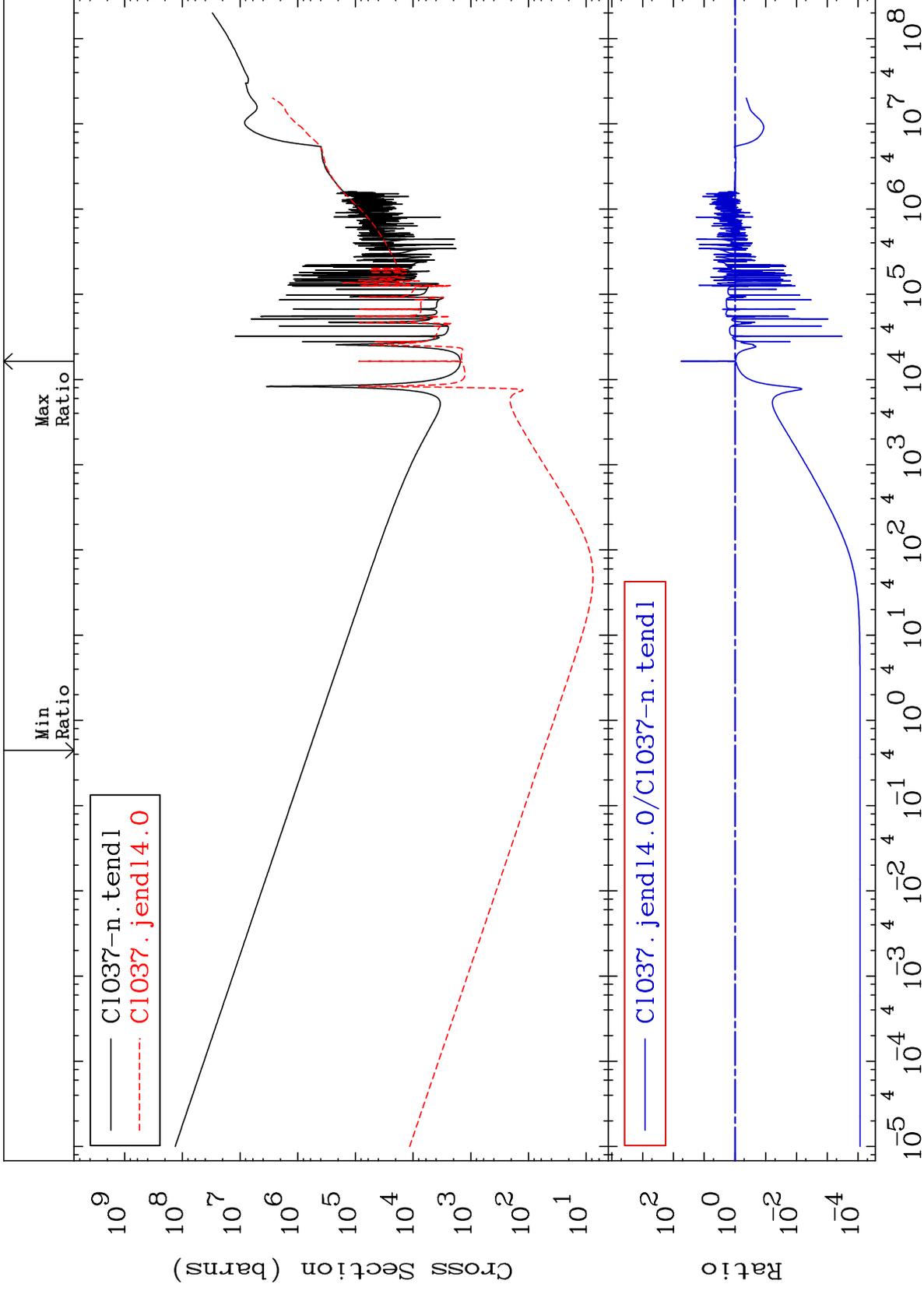
MAT 1731

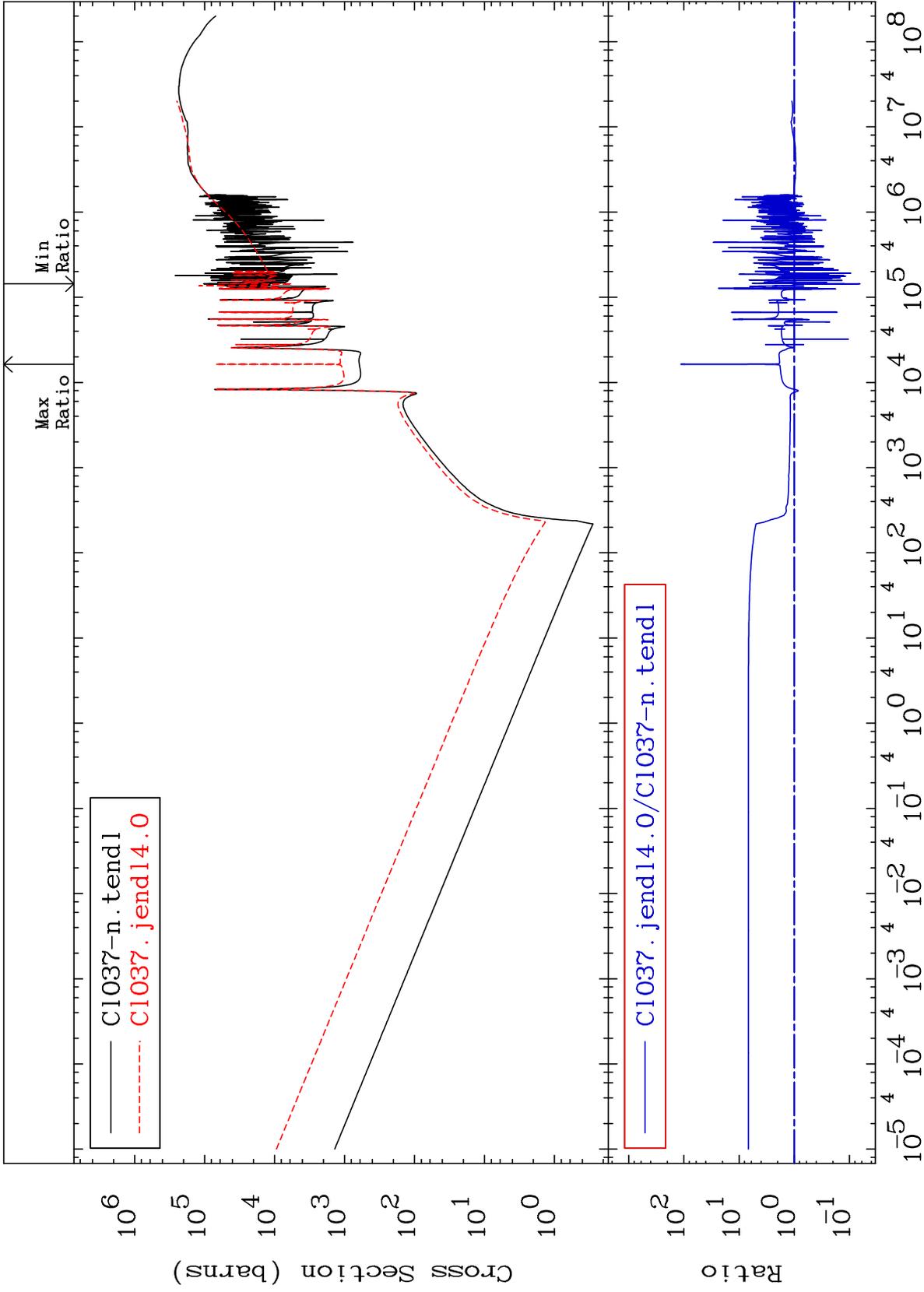
Kerma capture (mt102)
Cross Section

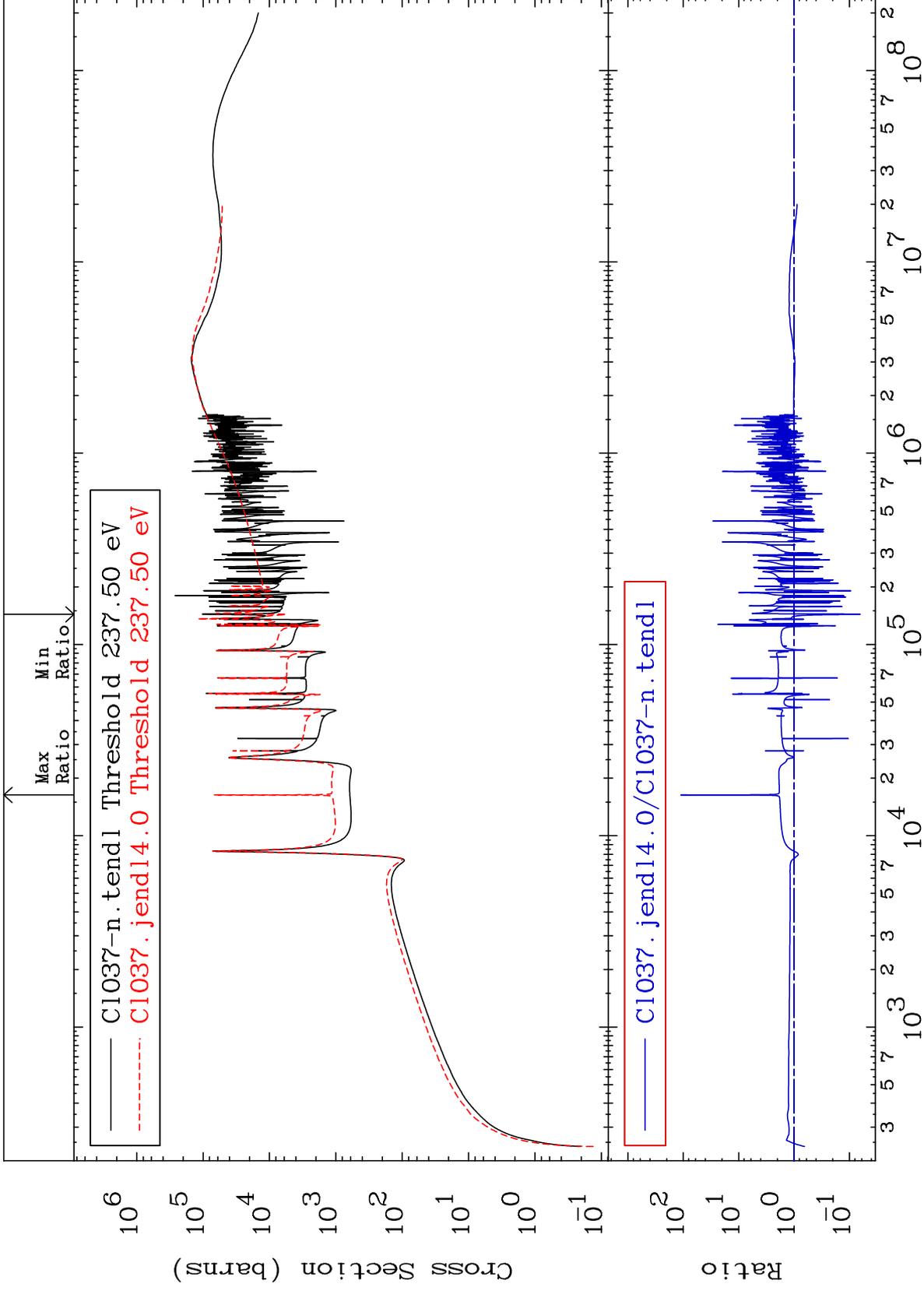
17-Cl-37
-100.0 To 9999. %







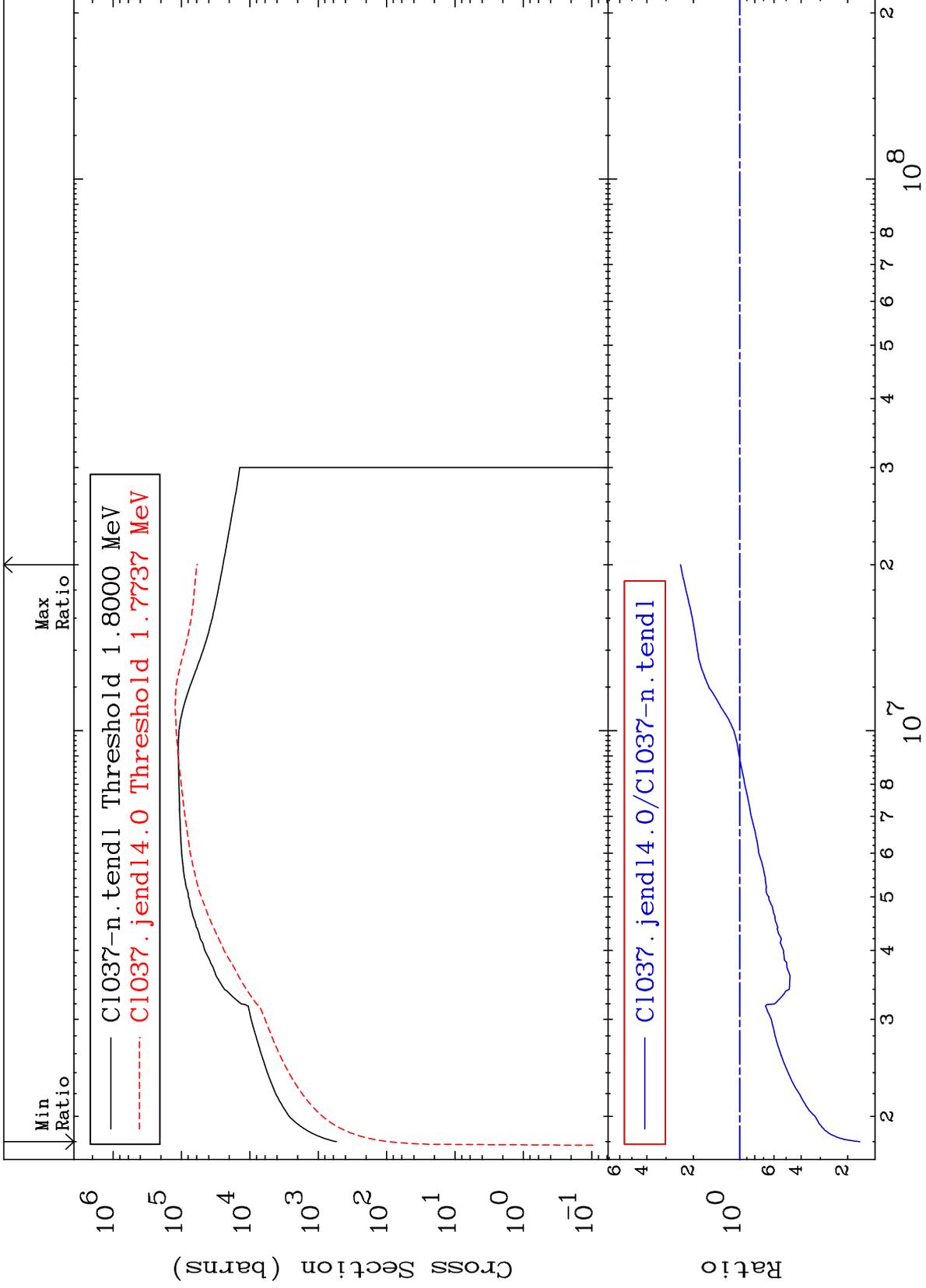




MAT 1731

Dpa inelastic (mt51-91)
Cross Section

17-Cl-37
-83.33 To 142.1 %



MAT 1731

Dpa disappearance (mt102 -120)
Cross Section

17-Cl-37
-99.92 To 9999. %

