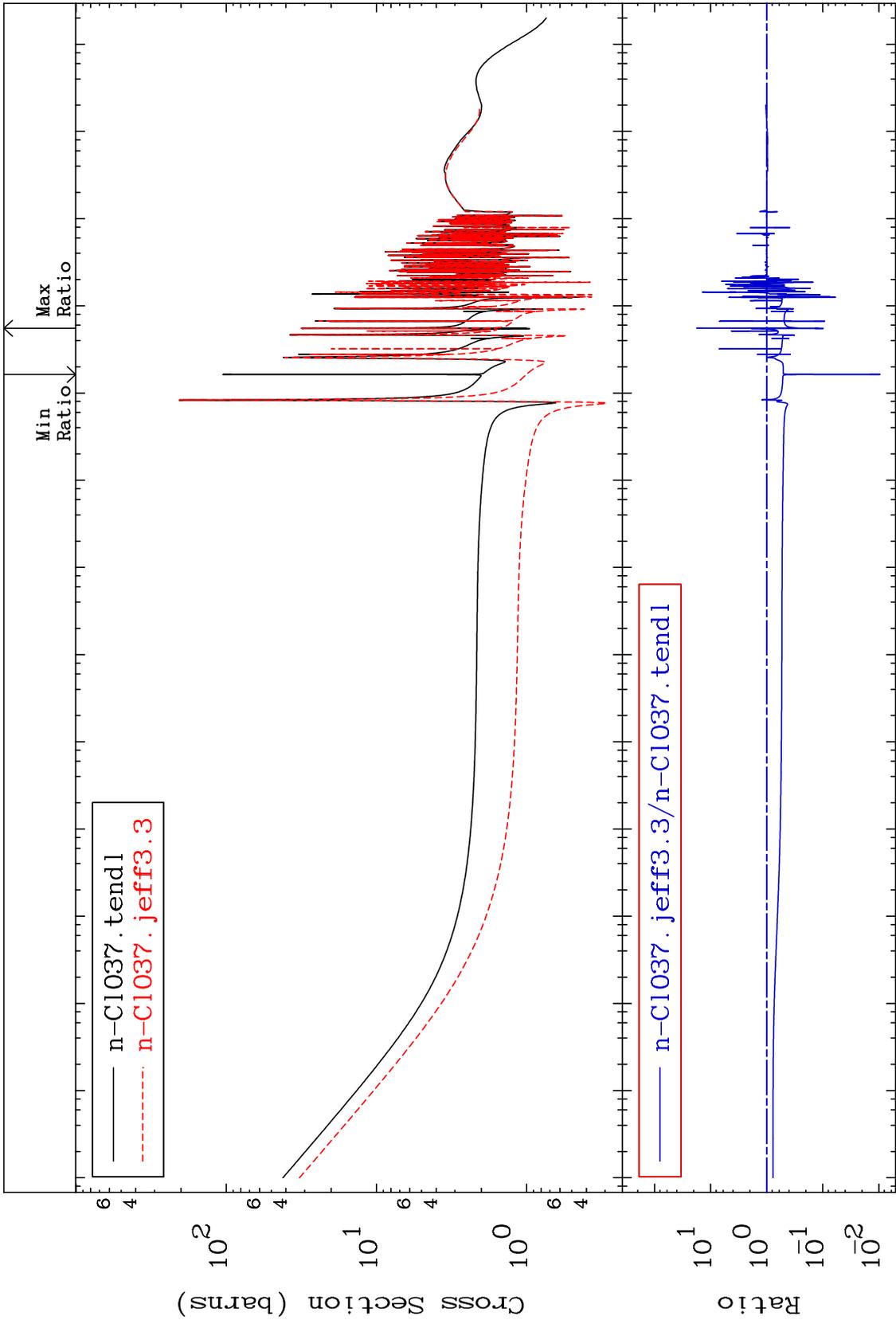


MAT 1731

Total
Cross Section

17-Cl-37
-99.05 To 1686. %



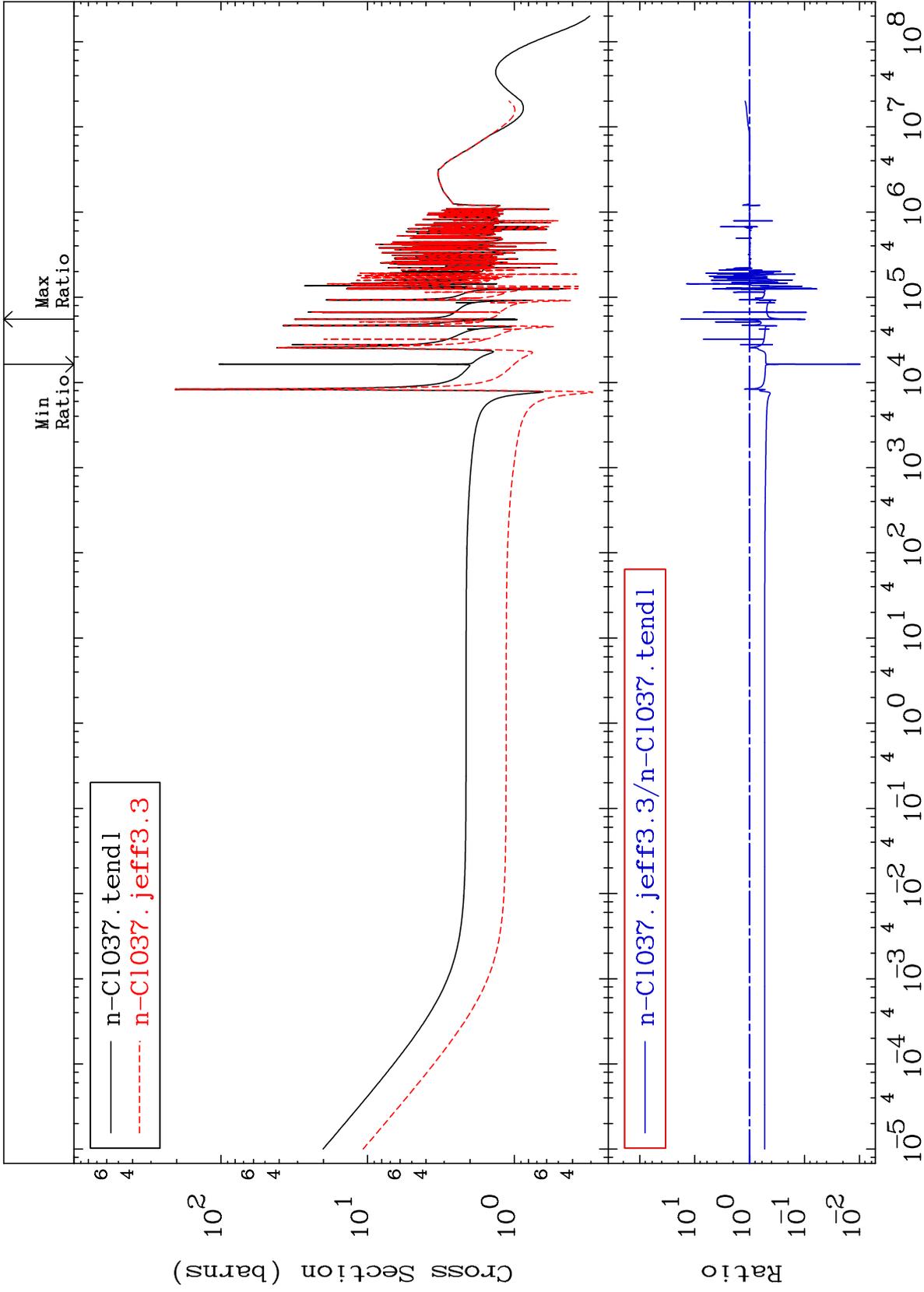
Incident Energy (eV)

17-Cl-37

MAT 1731

Elastic
Cross Section

17-Cl-37
-99.03 To 1701. %



Incident Energy (eV)

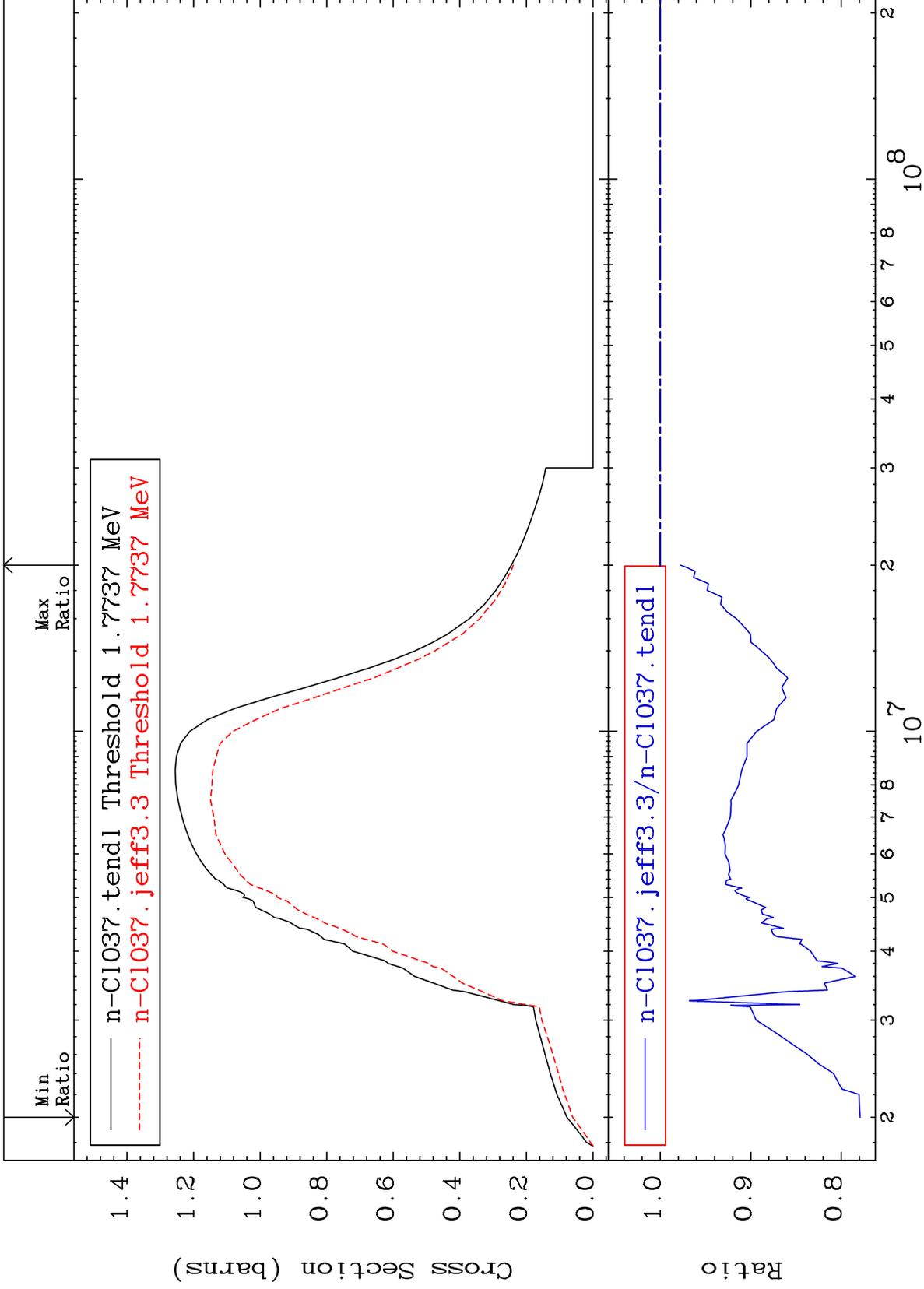
17-Cl-37

2

MAT 1731

Inelastic
Cross Section

17-Cl-37
-22.08 To -2.264%



3

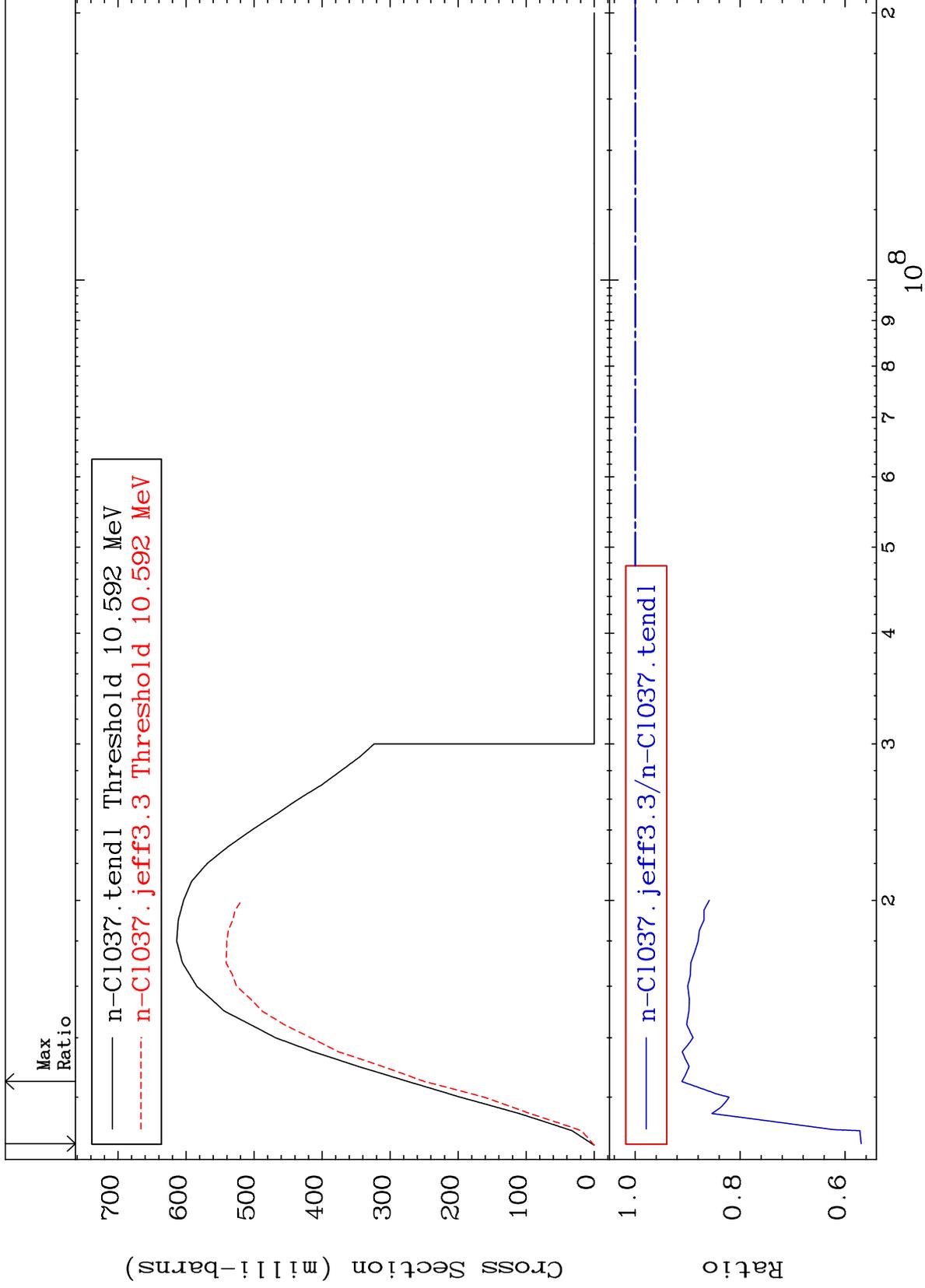
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,2n)
Cross Section

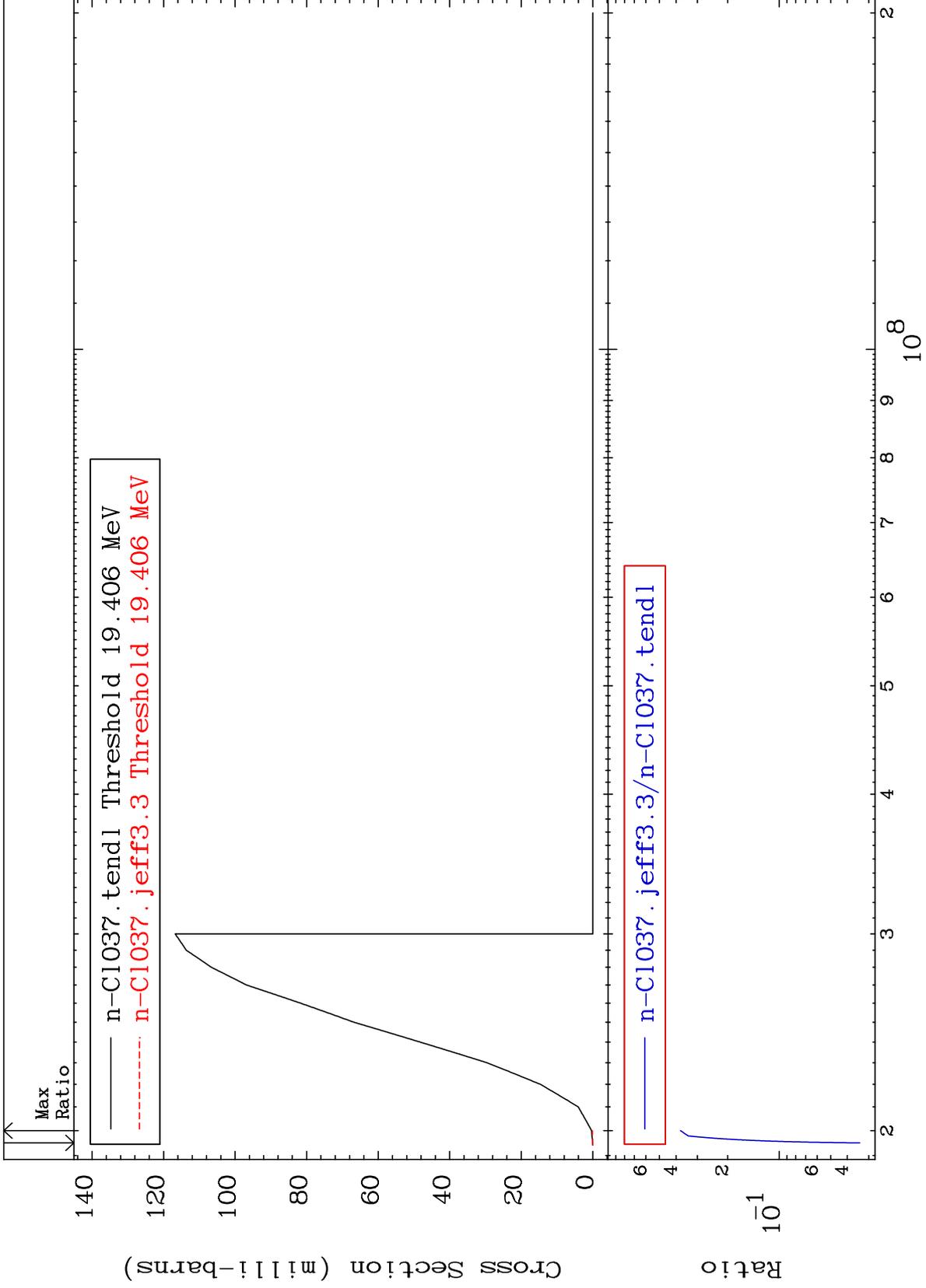
17-Cl-37
-43.05 To -8.904%



MAT 1731

(n,3n)
Cross Section

17-Cl-37
-96.62 To -62.35%



5

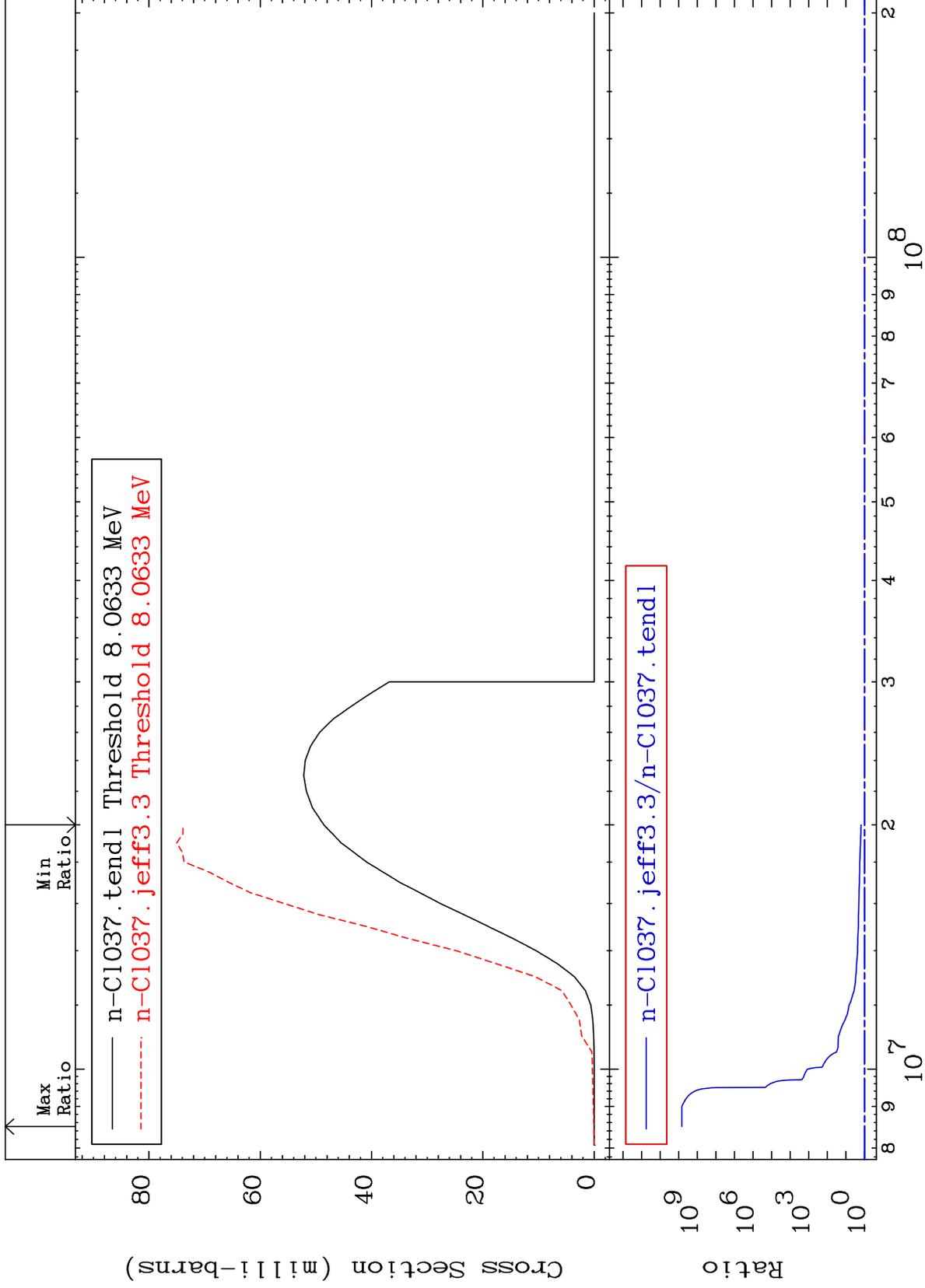
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,n') α
Cross Section

17-Cl-37
52.13 To 9999. %



6

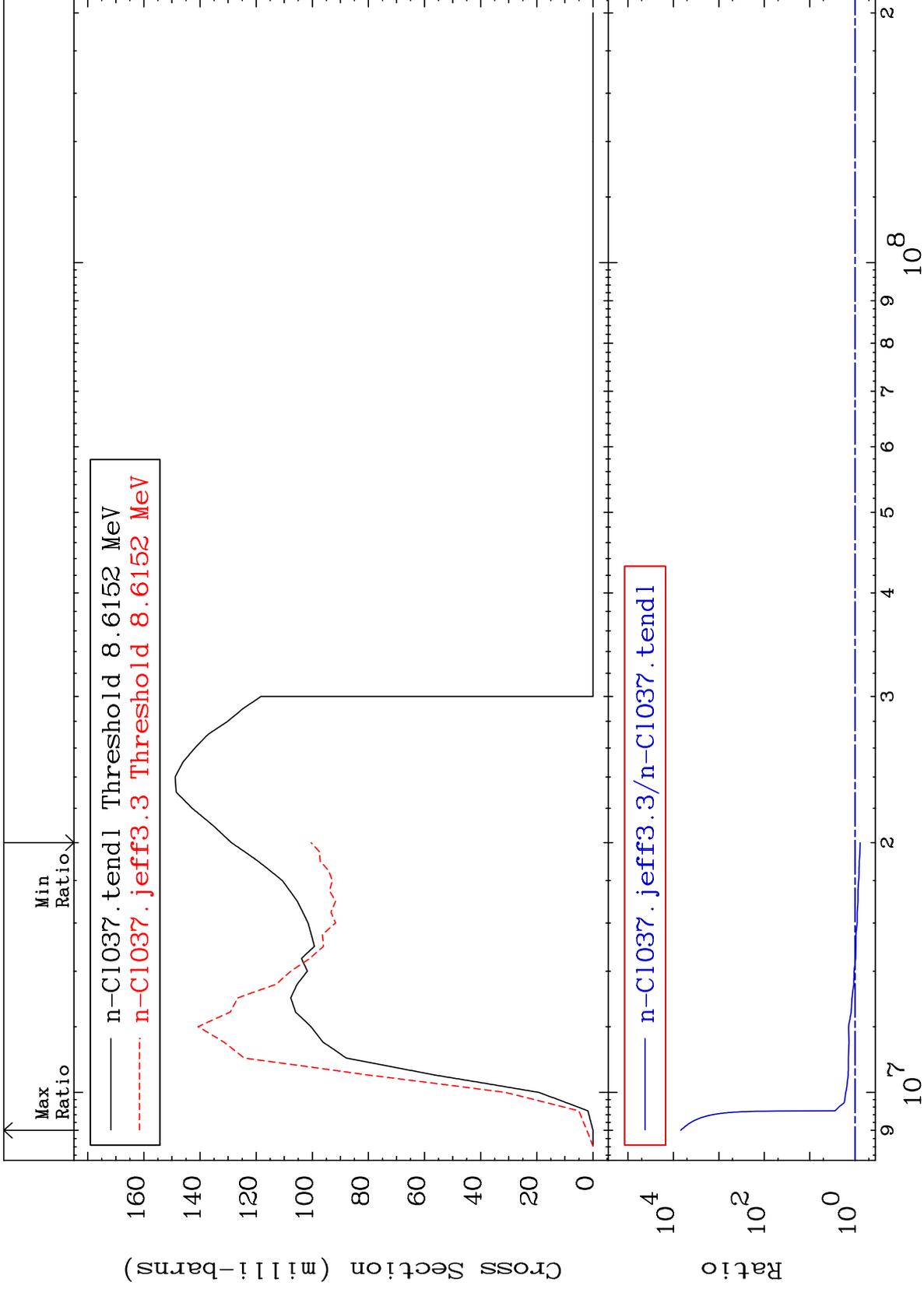
Incident Energy (eV)

17-Cl-37

MAT 1731

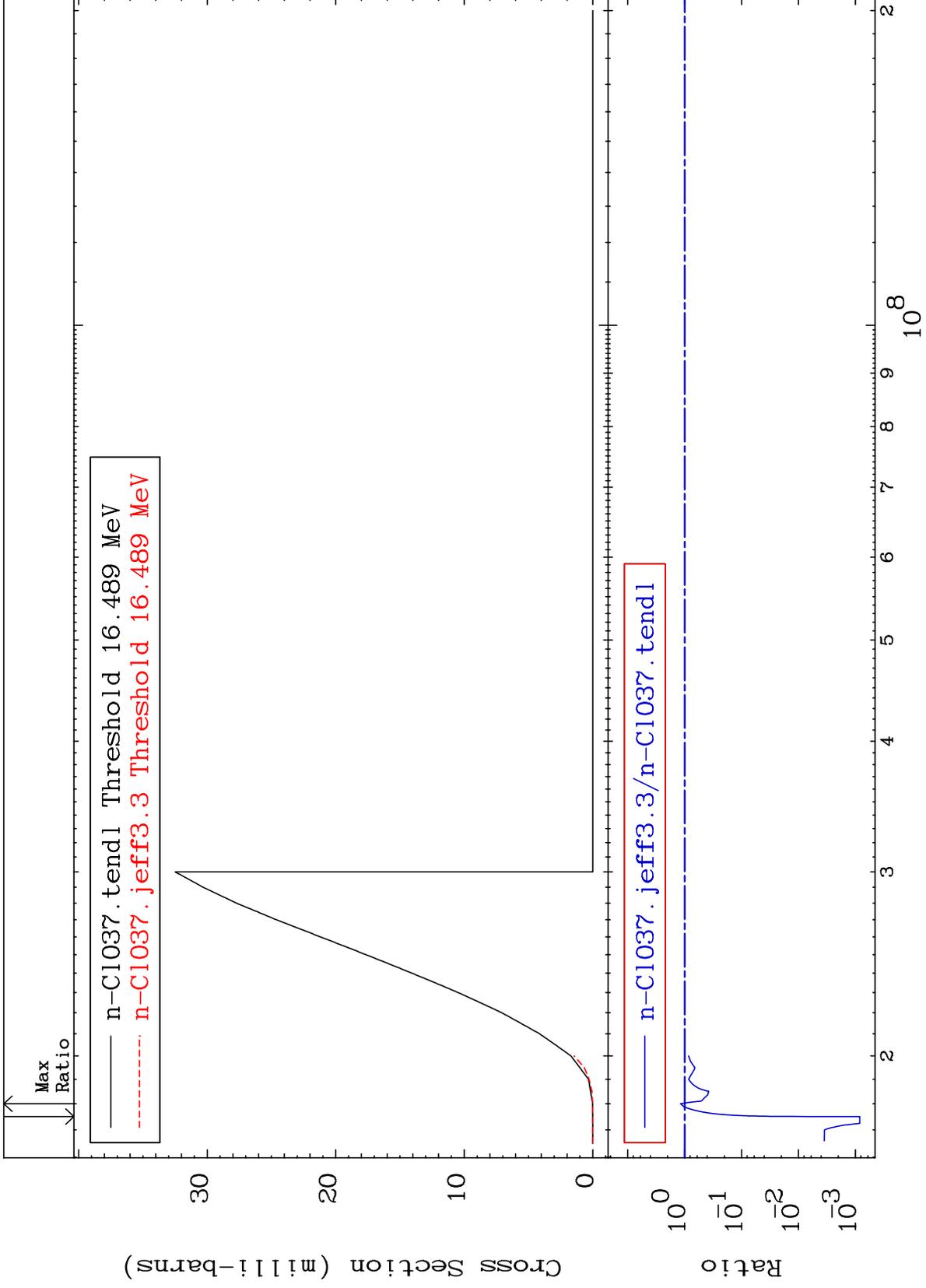
(n,n') p
Cross Section

17-Cl-37
-22.06 To 9999. %



Incident Energy (eV)

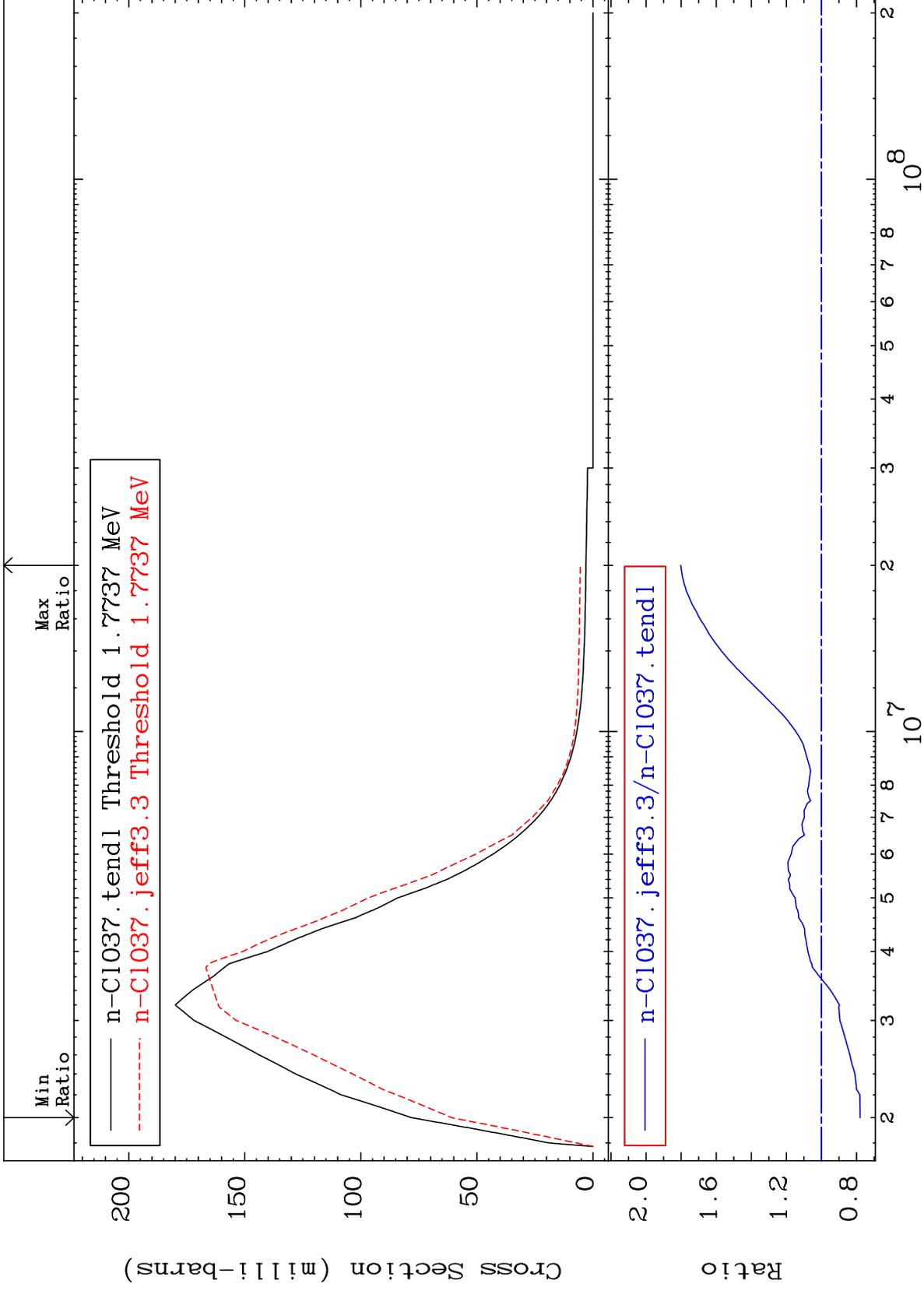
17-Cl-37



MAT 1731

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

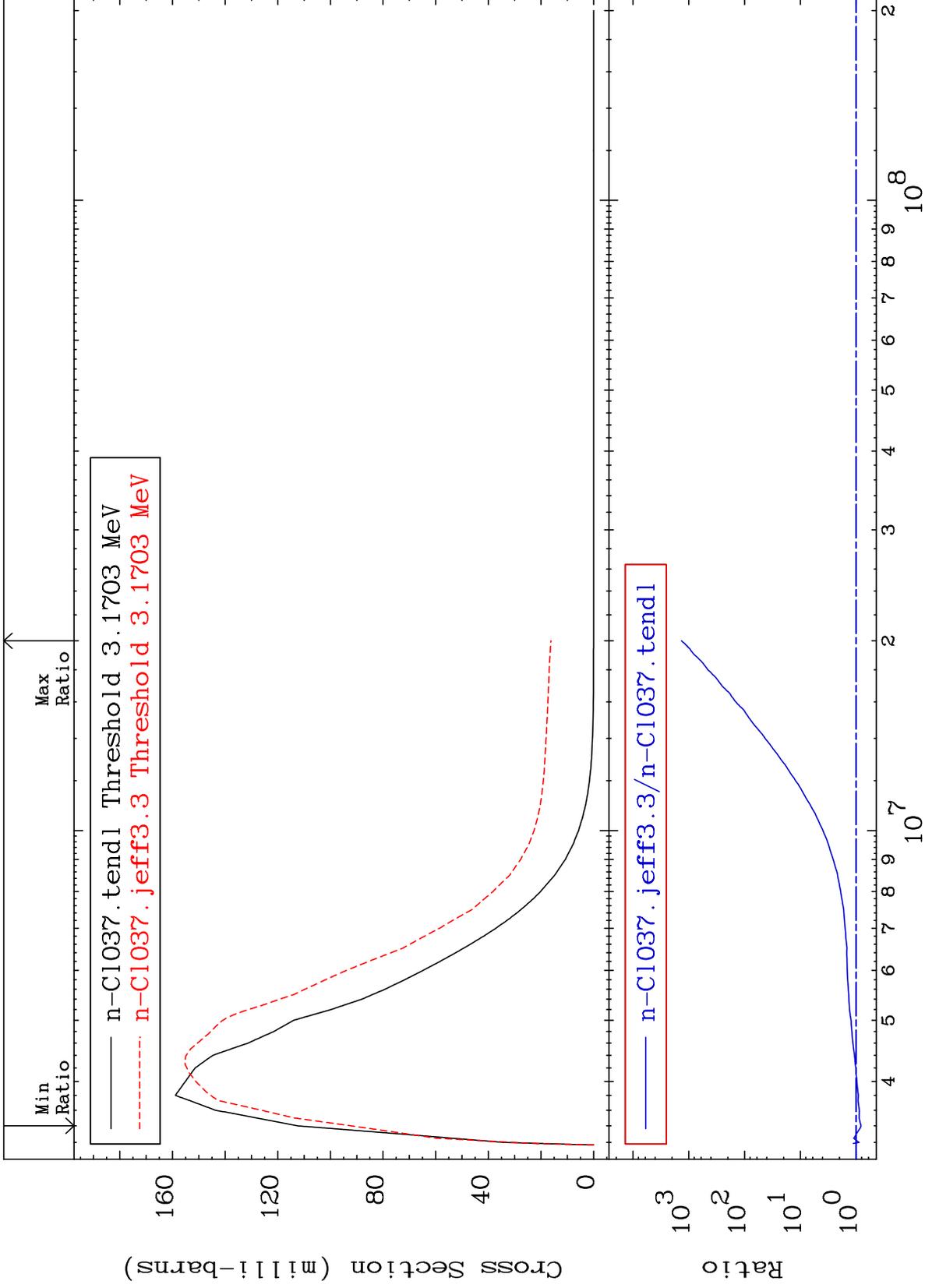
17-Cl-37
-22.08 To 80.22 %



MAT 1731

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

17-Cl-37
-18.08 To 9999. %



10

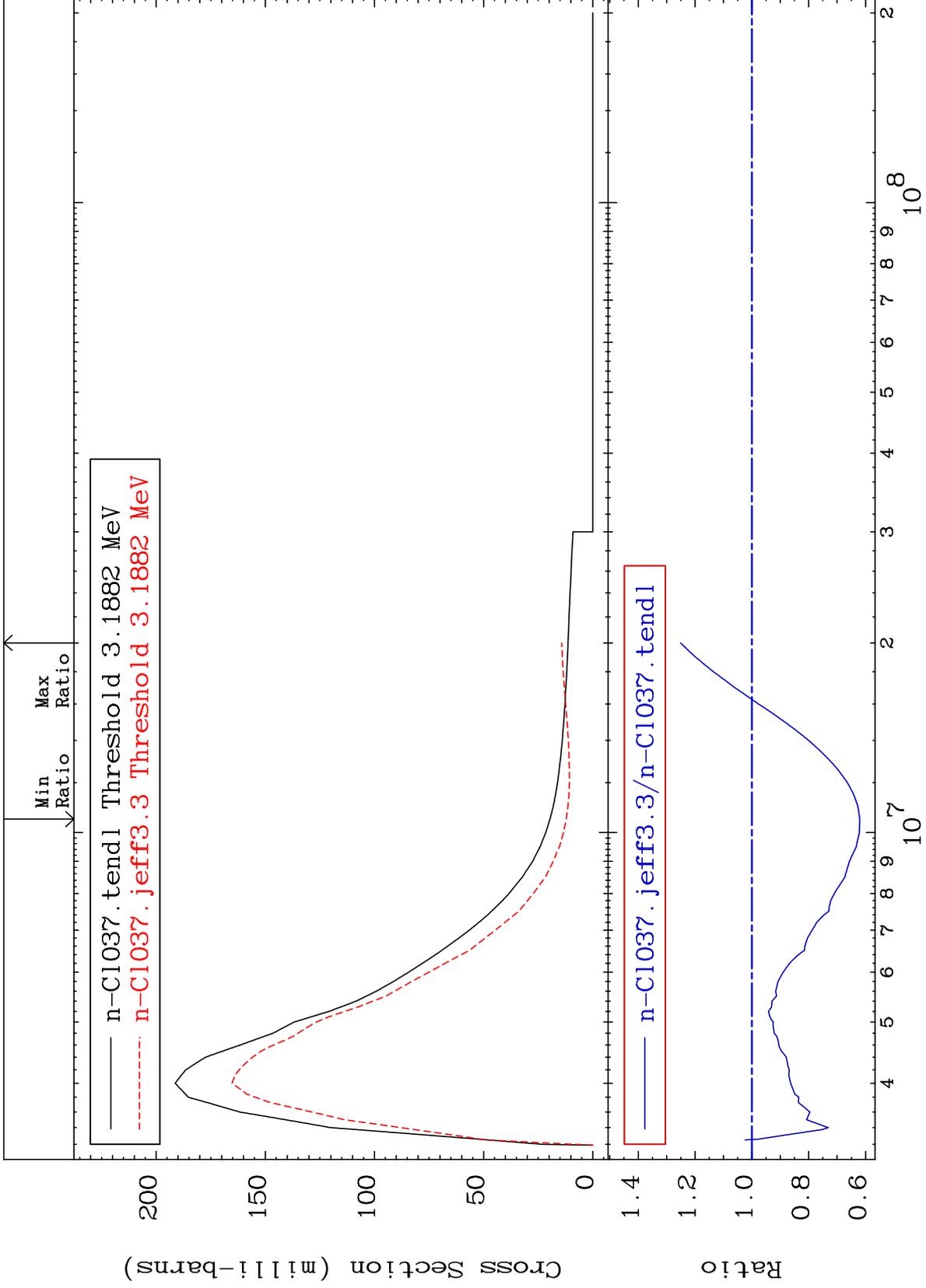
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-37.97 To 25.11 %



11

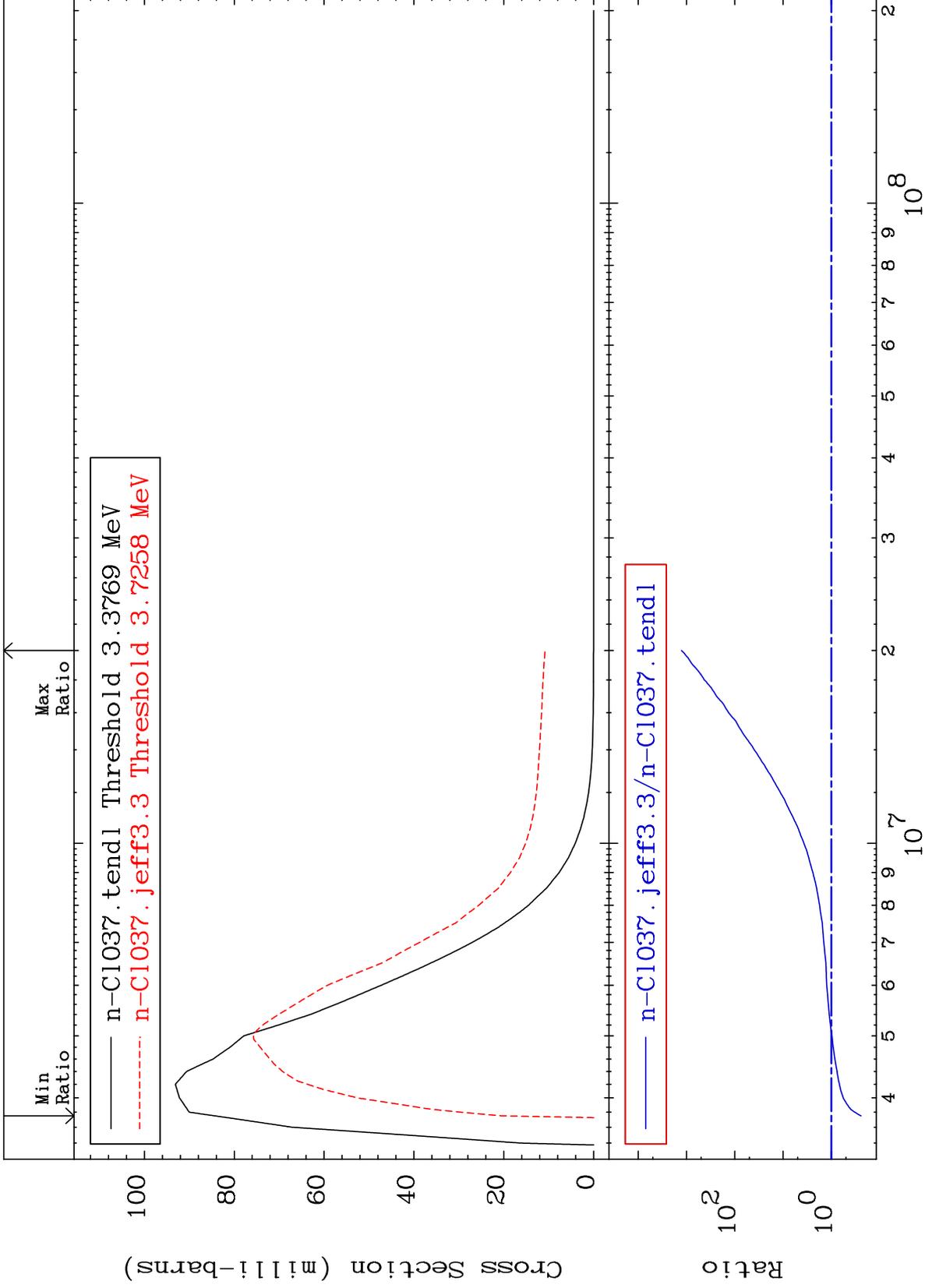
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-75.59 To 9999. %



12

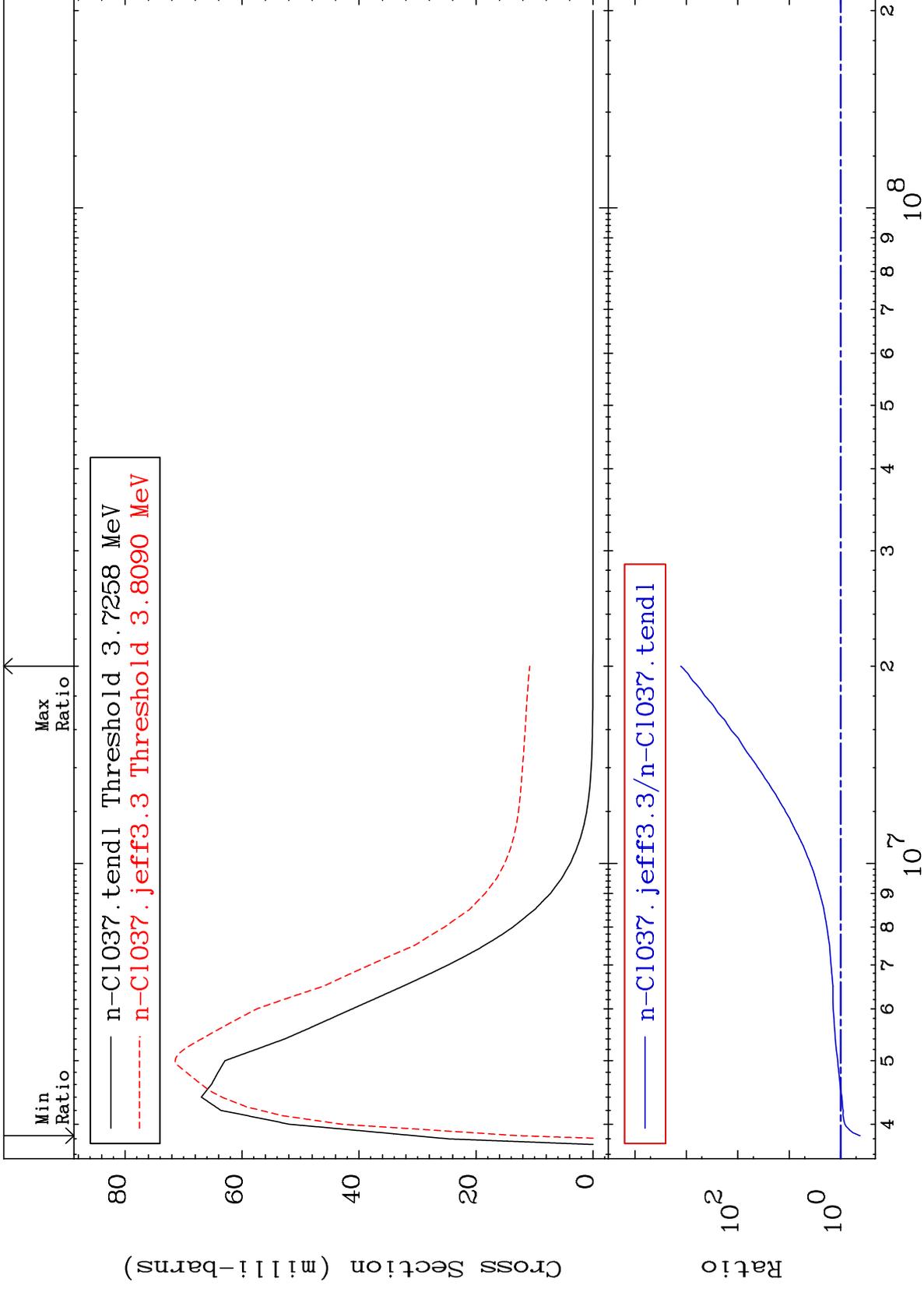
17-Cl-37

17-Cl-37

MAT 1731

MT= 55 (n,n') Level
Cross Section

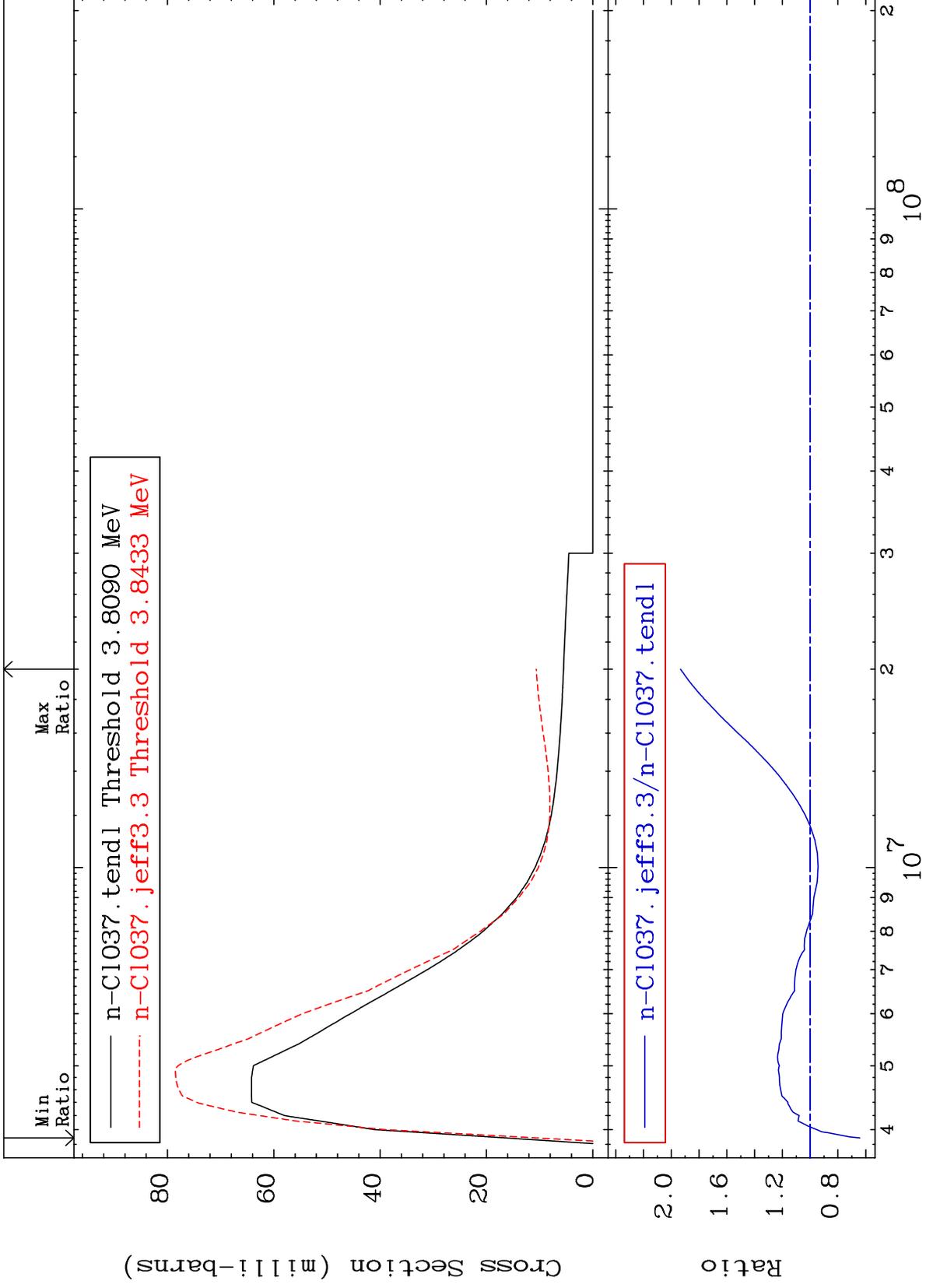
17-Cl-37
-58.15 To 9999. %



MAT 1731

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

17-Cl-37
-35.71 To 93.35 %



14

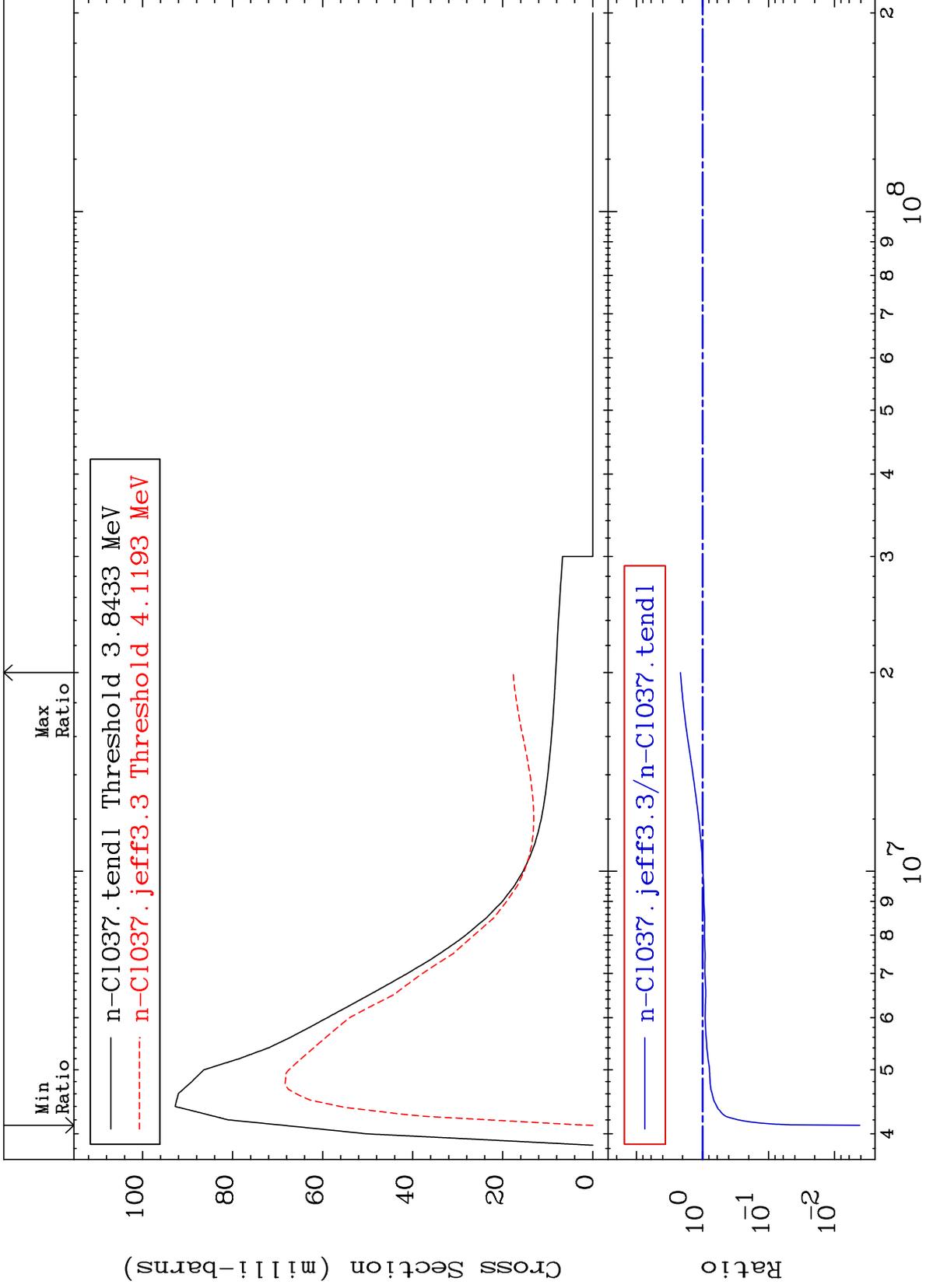
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-99.58 To 115.3 %



15

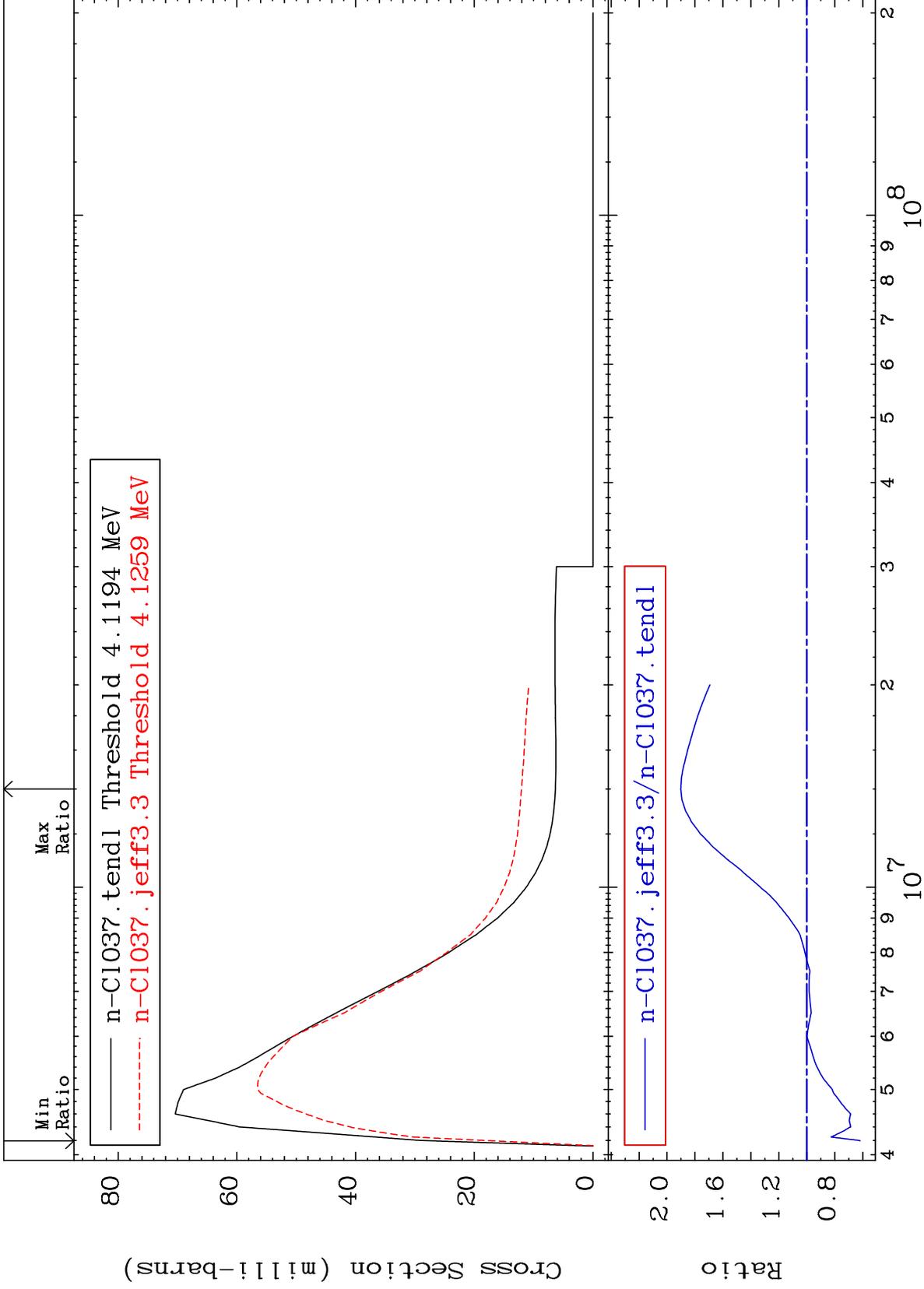
Incident Energy (eV)

17-Cl-37

MAT 1731

MT= 58 (n,n') Level
Cross Section

17-Cl-37
-38.05 To 90.19 %



16

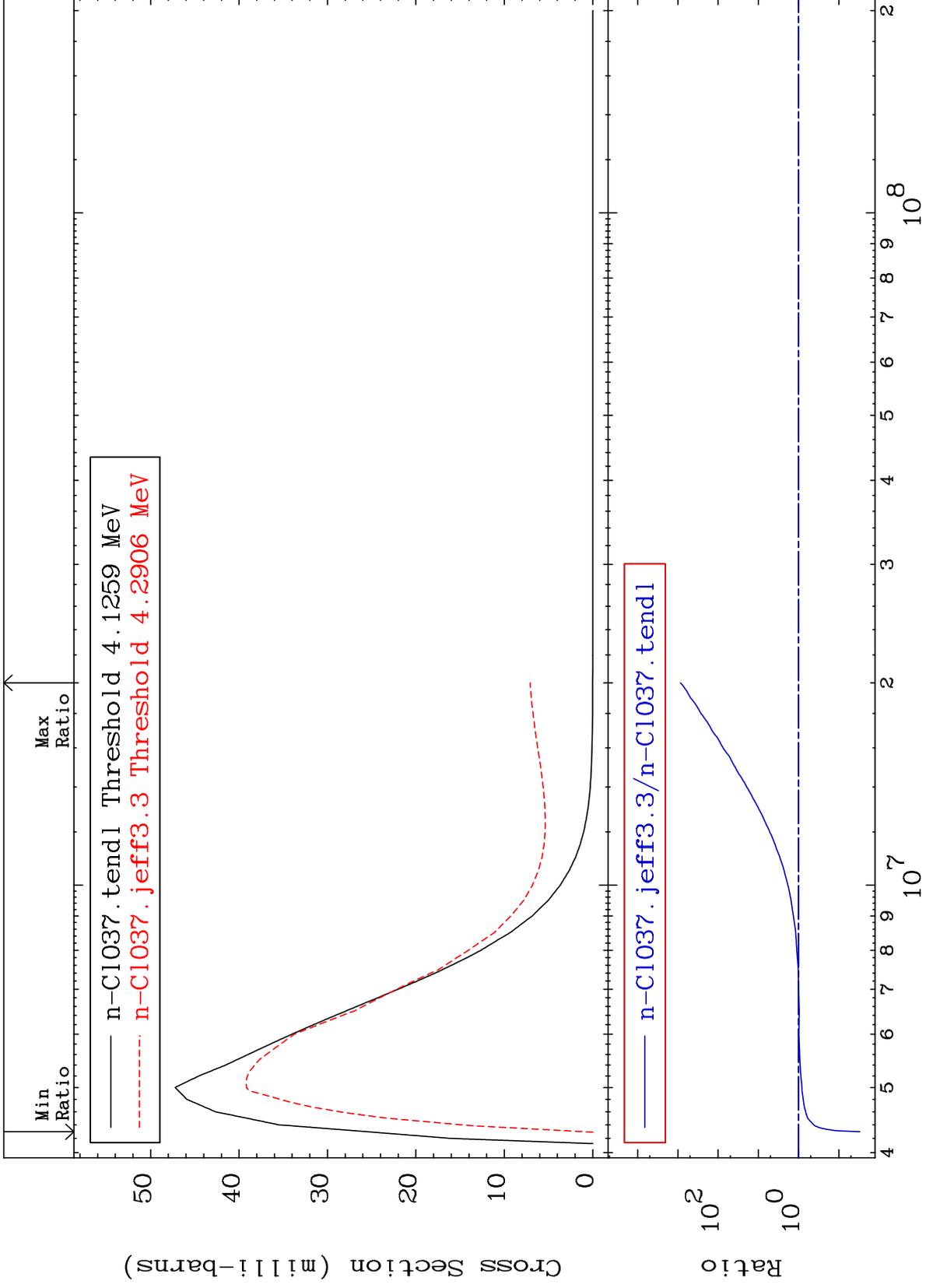
Incident Energy (eV)

17-Cl-37

MAT 1731

MT= 59 (n,n') Level
Cross Section

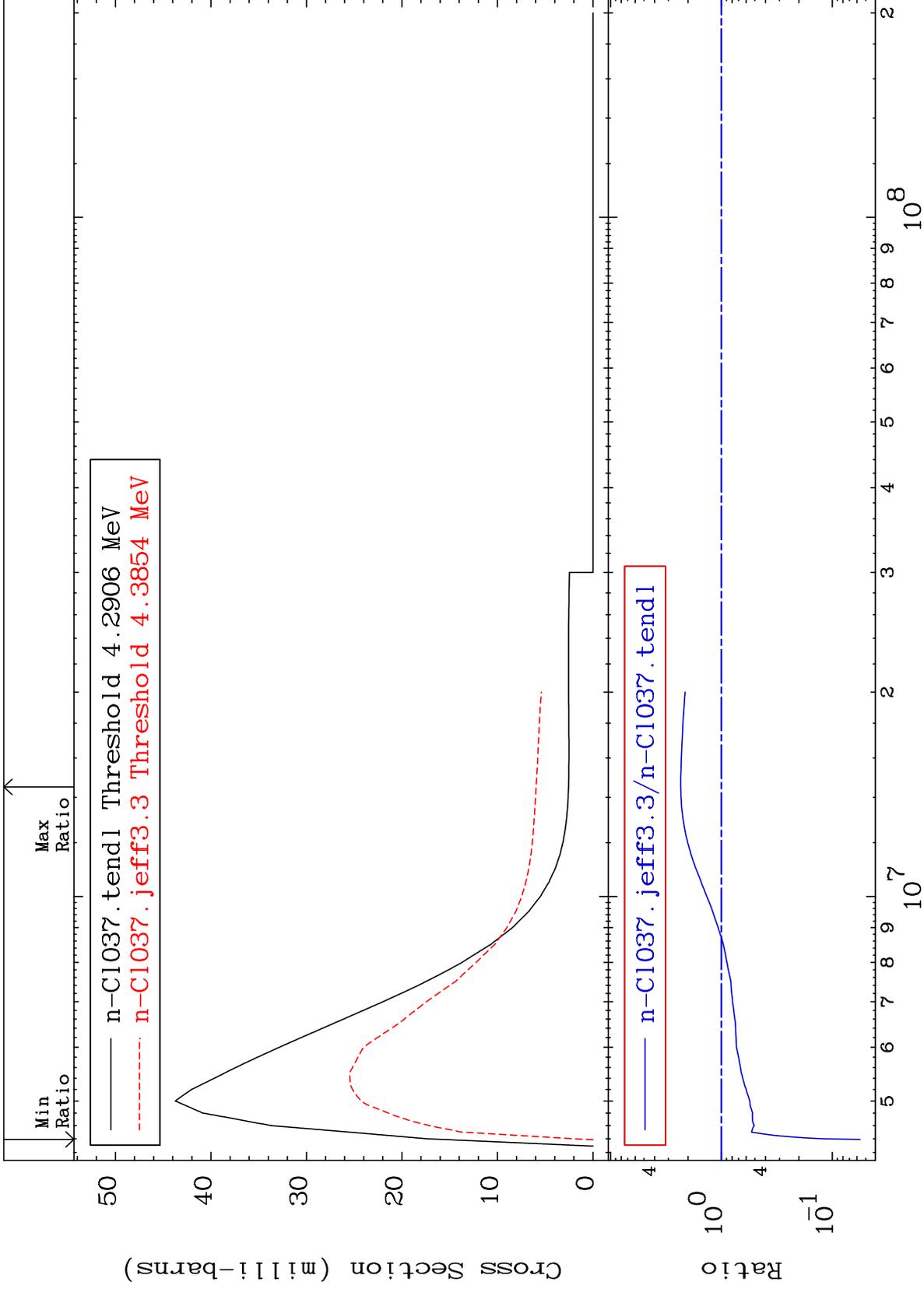
17-Cl-37
-96.96 To 9999. %



MAT 1731

MT= 60 (n,n') Level
Cross Section

17-Cl-37
-94.38 To 132.5 %



18

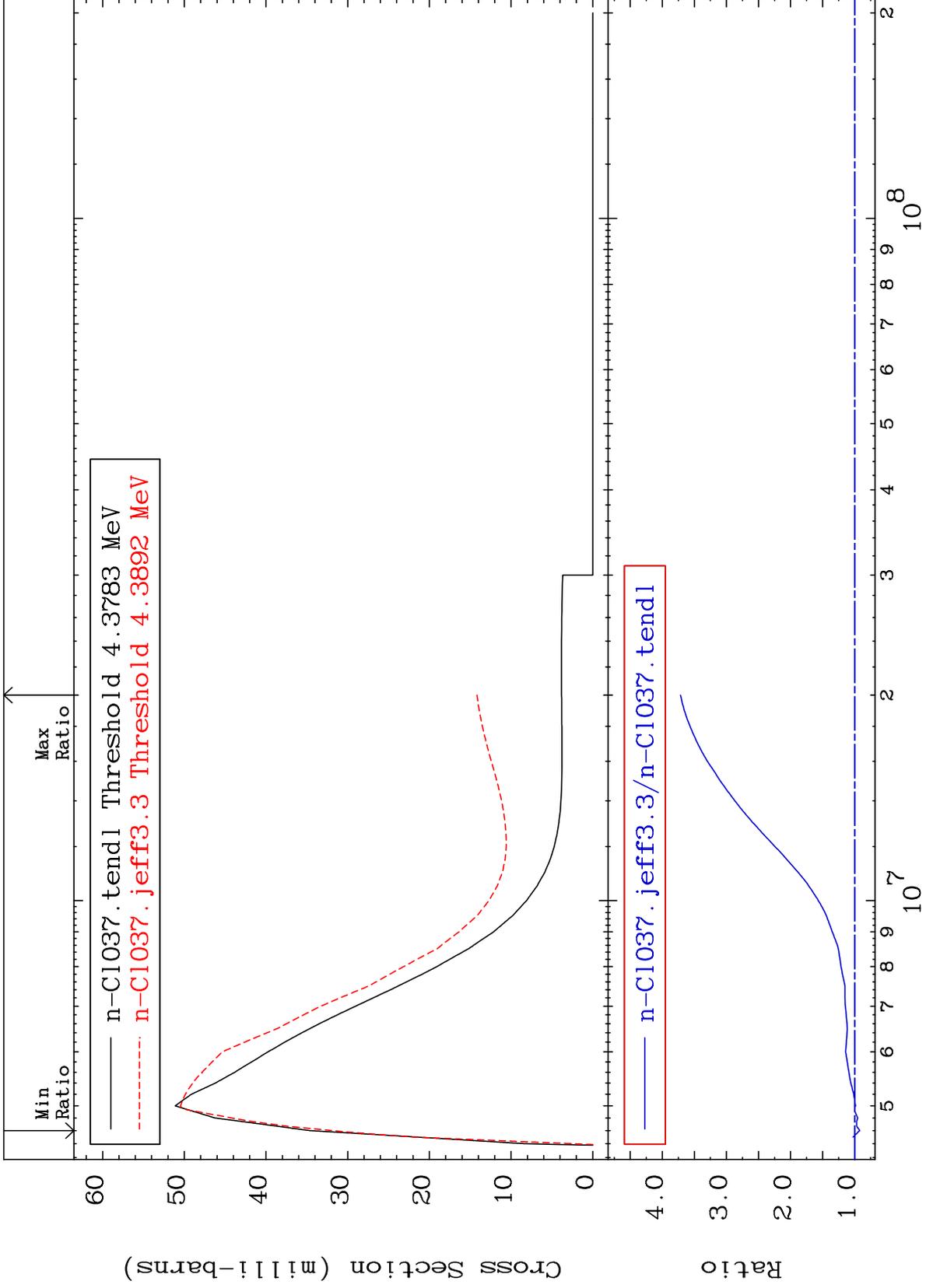
Incident Energy (eV)

17-Cl-37

MAT 1731

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

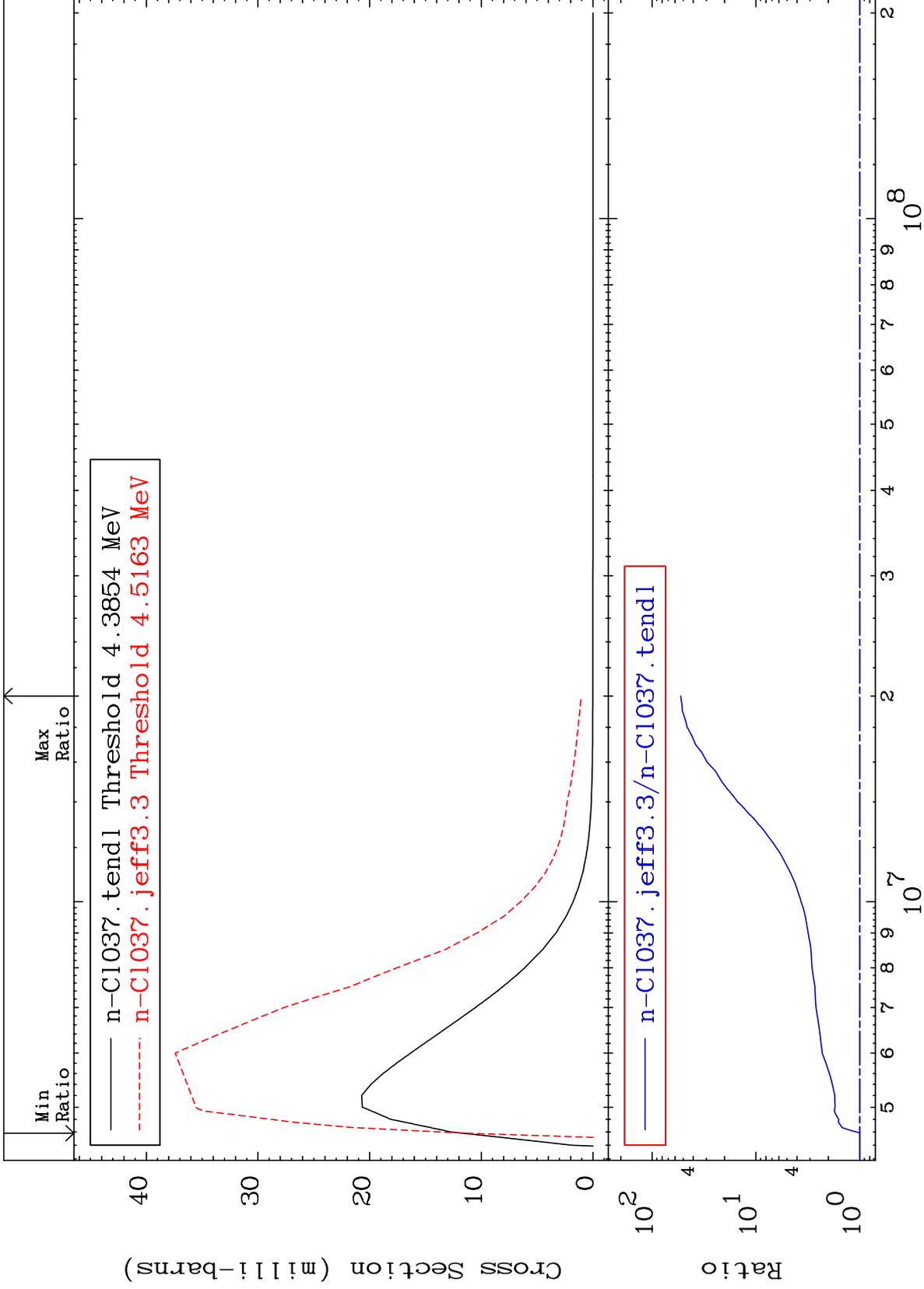
17-Cl-37
-7.932 To 271.6 %



MAT 1731

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

17-Cl-37
-1.137 To 5187. %



20

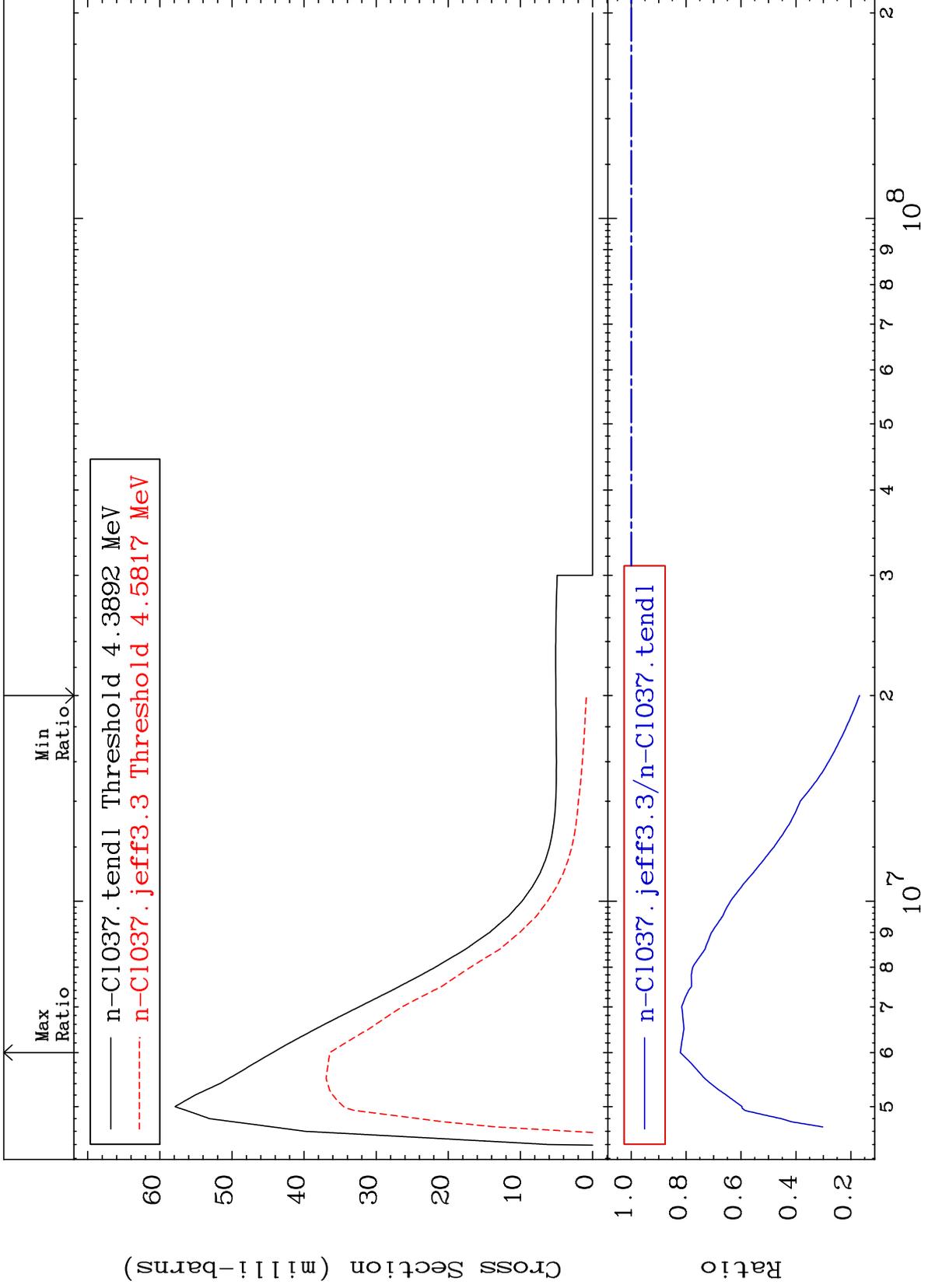
Incident Energy (eV)

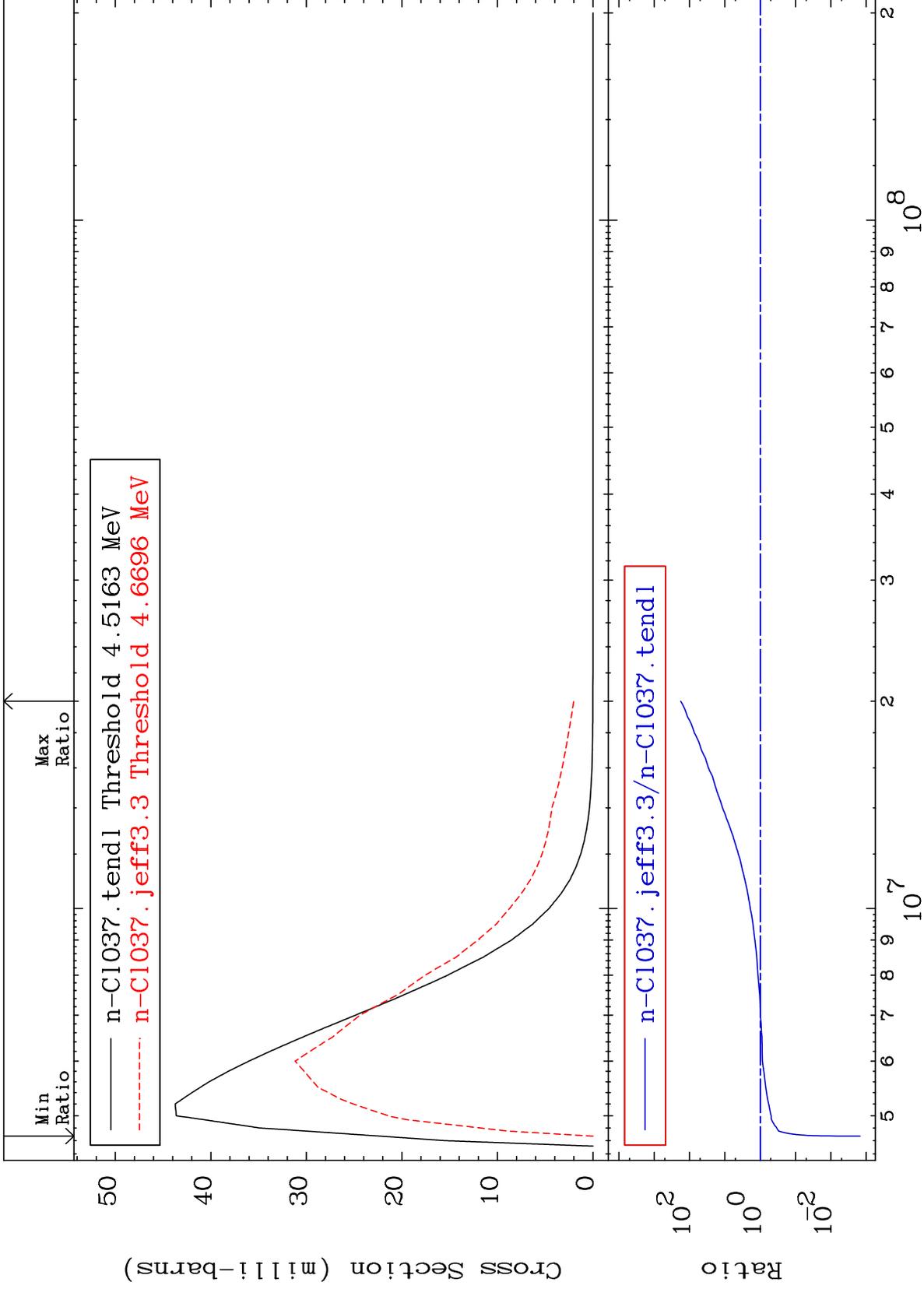
17-Cl-37

MAT 1731

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

17-Cl-37
-83.13 To -17.87%

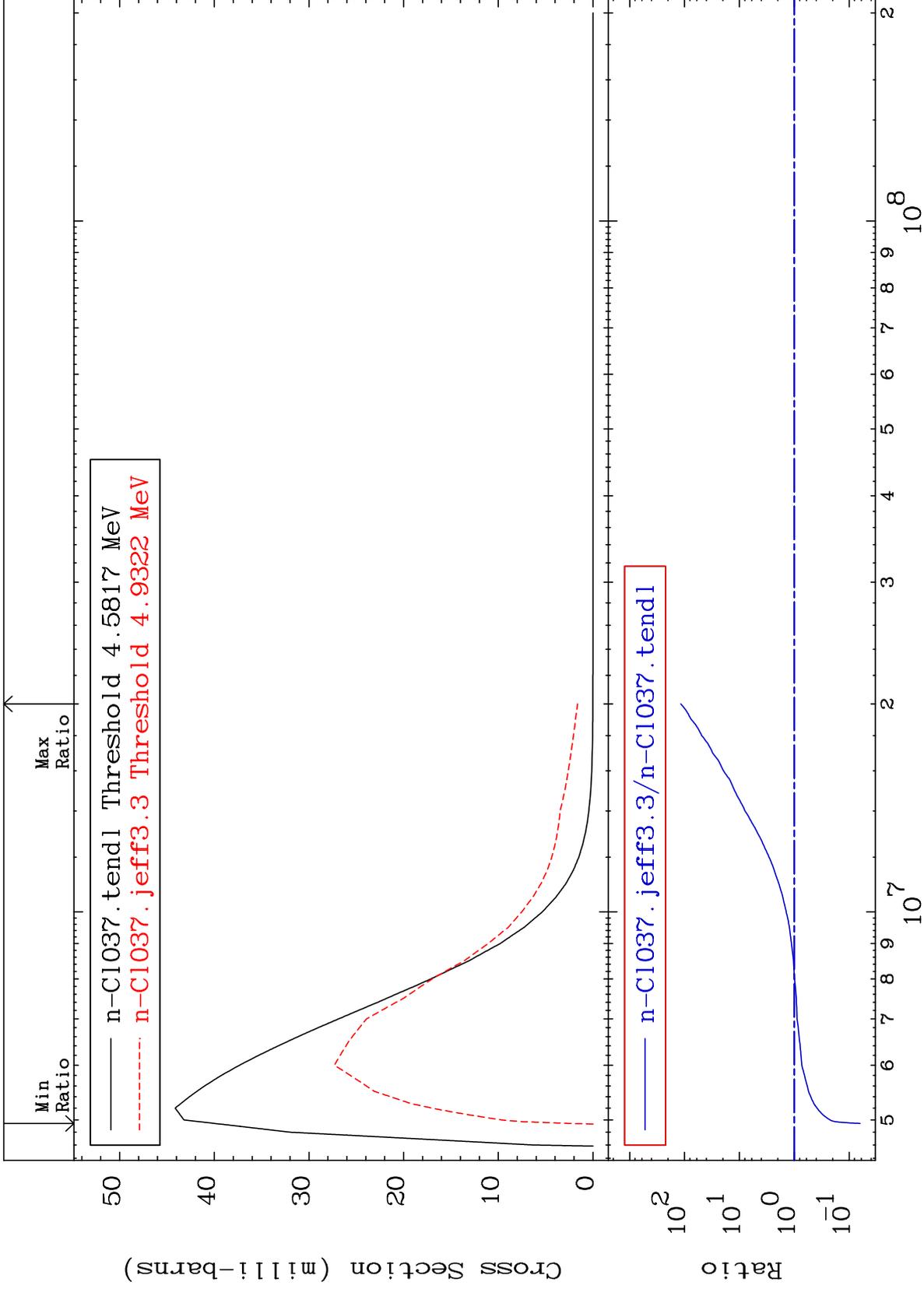




MAT 1731

MT= 65 (n,n') Level
Cross Section

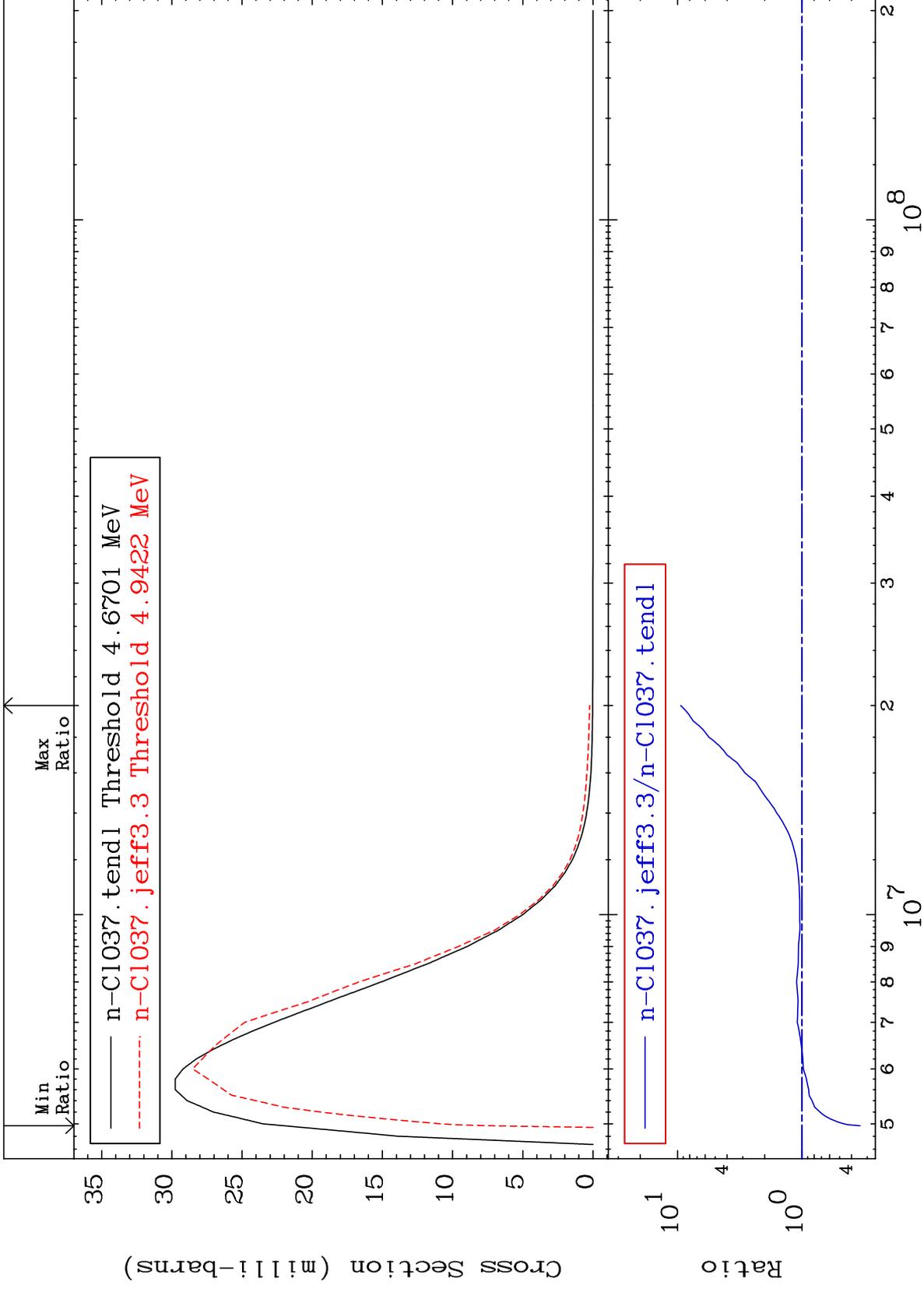
17-Cl-37
-93.66 To 9999. %



MAT 1731

MT= 66 (n,n') Level
Cross Section

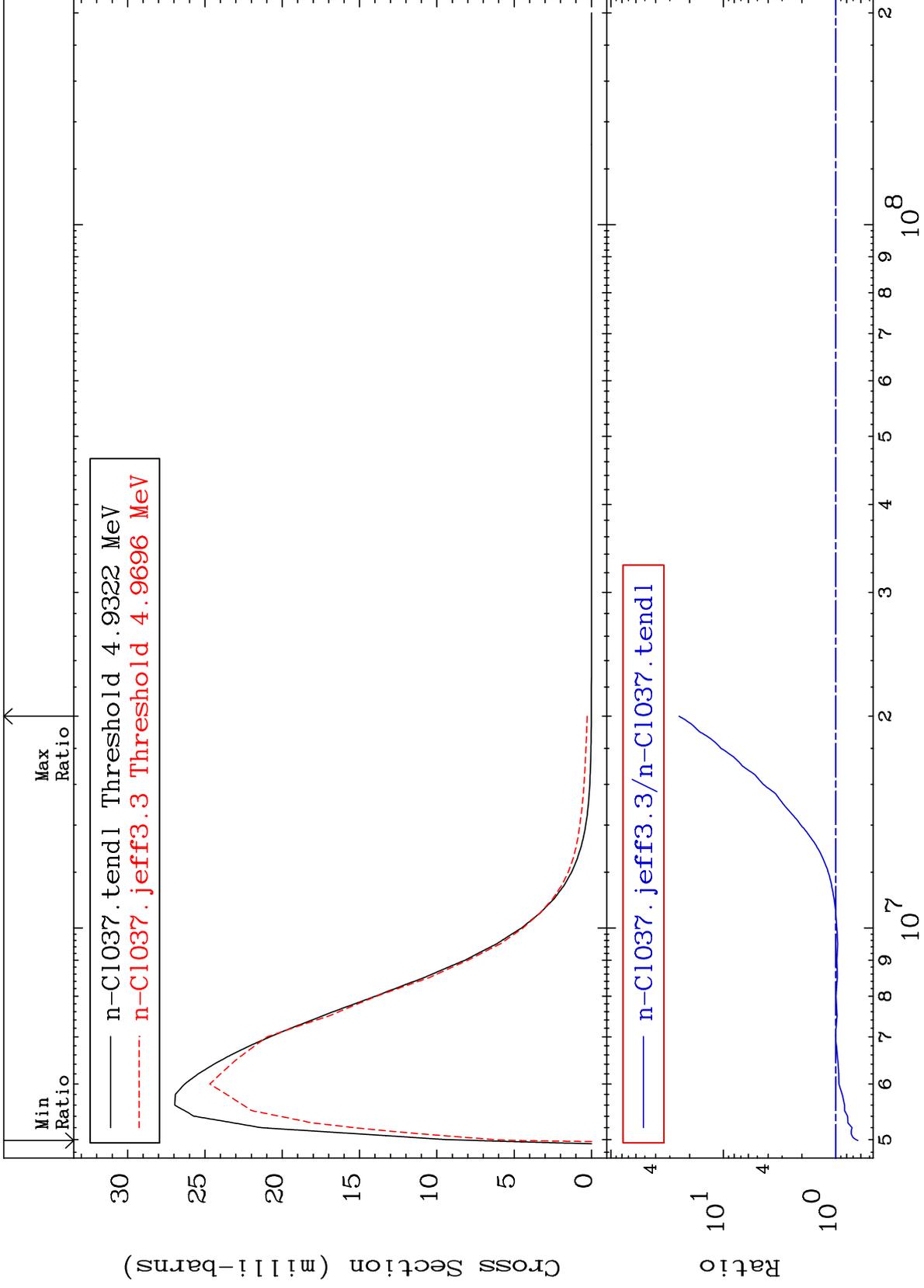
17-Cl-37
-65.81 To 843.7 %

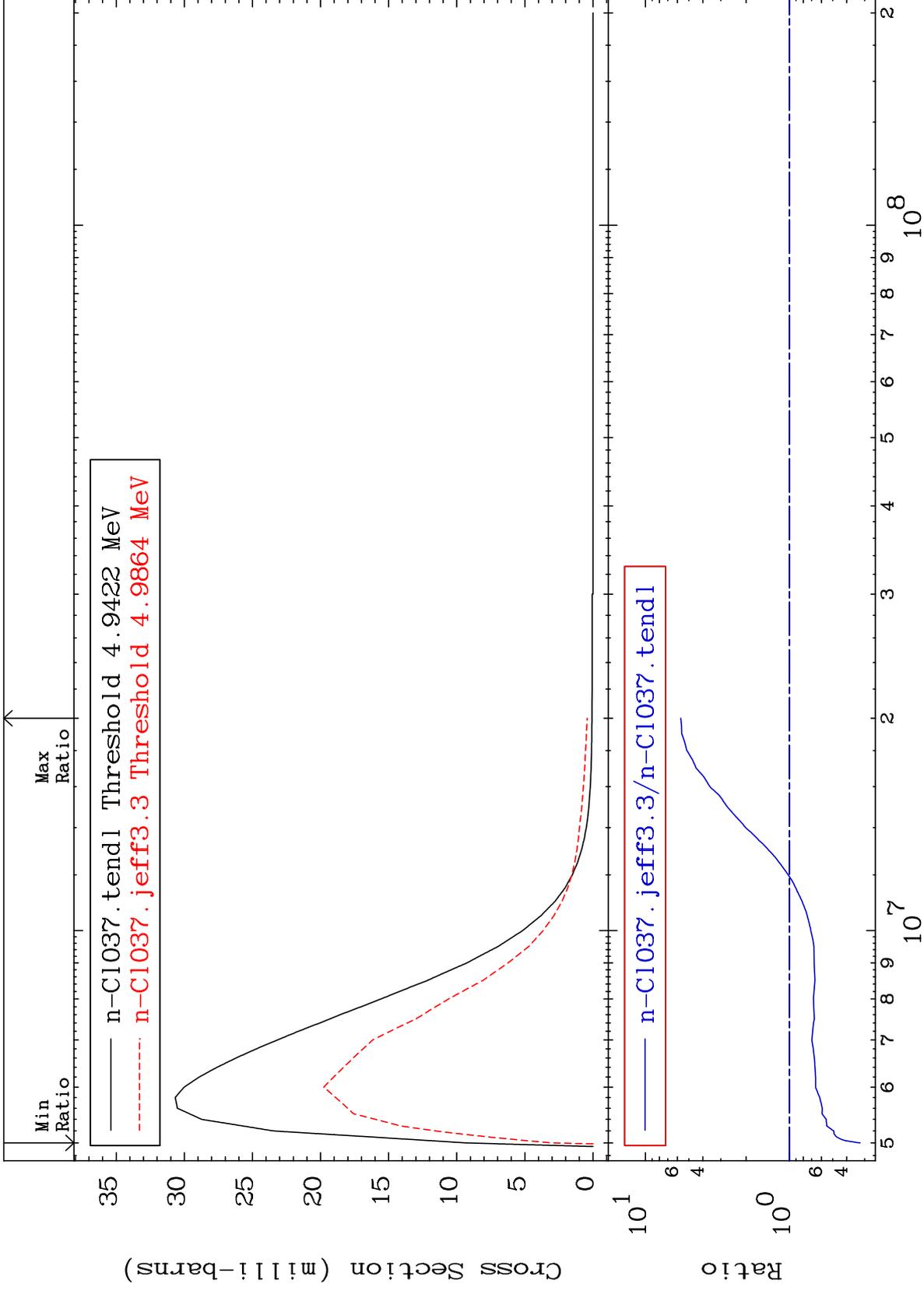


MAT 1731

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

17-Cl-37
-36.44 To 2379. %

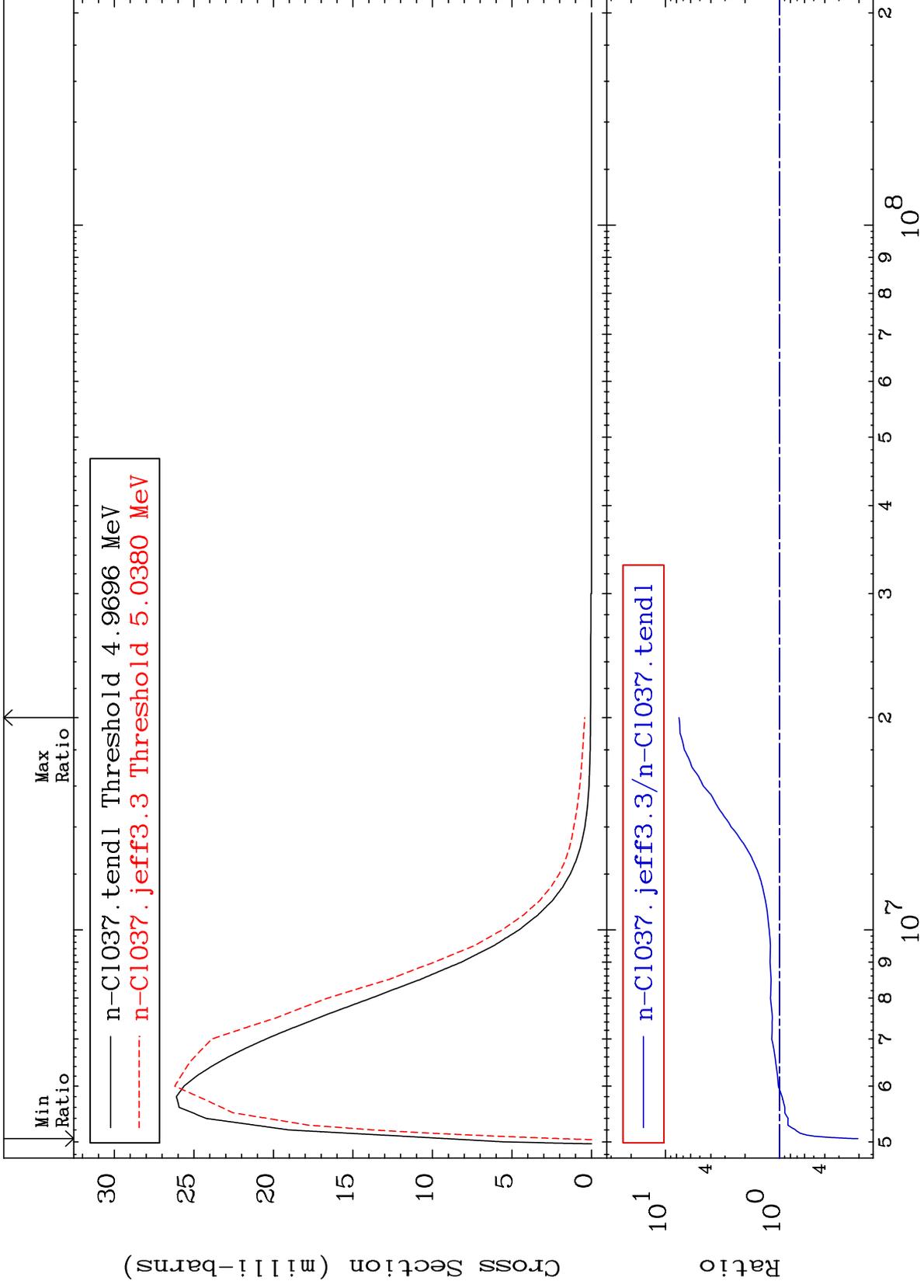




MAT 1731

MT= 69 (n,n') Level
Cross Section

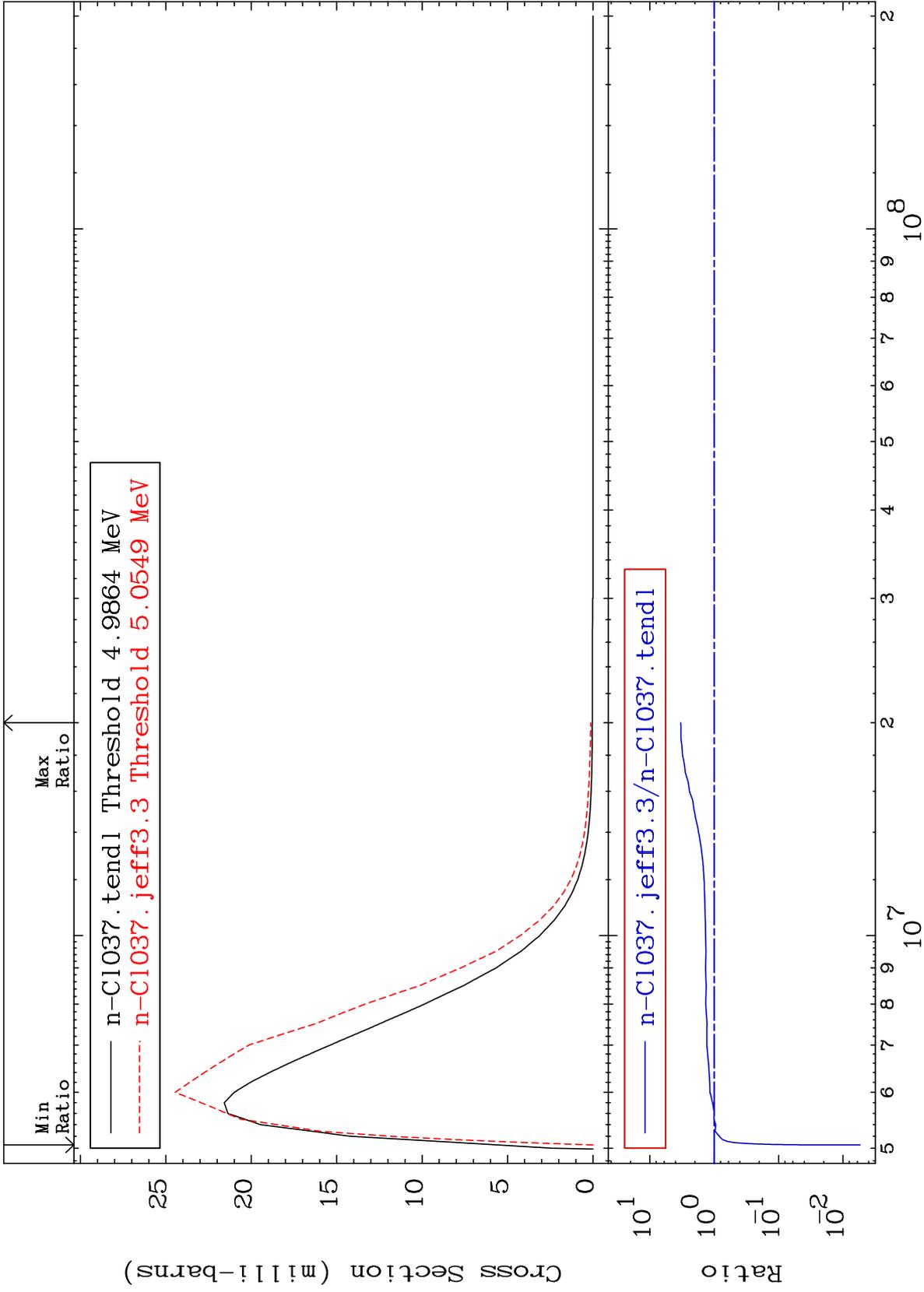
17-Cl-37
-79.54 To 660.3 %

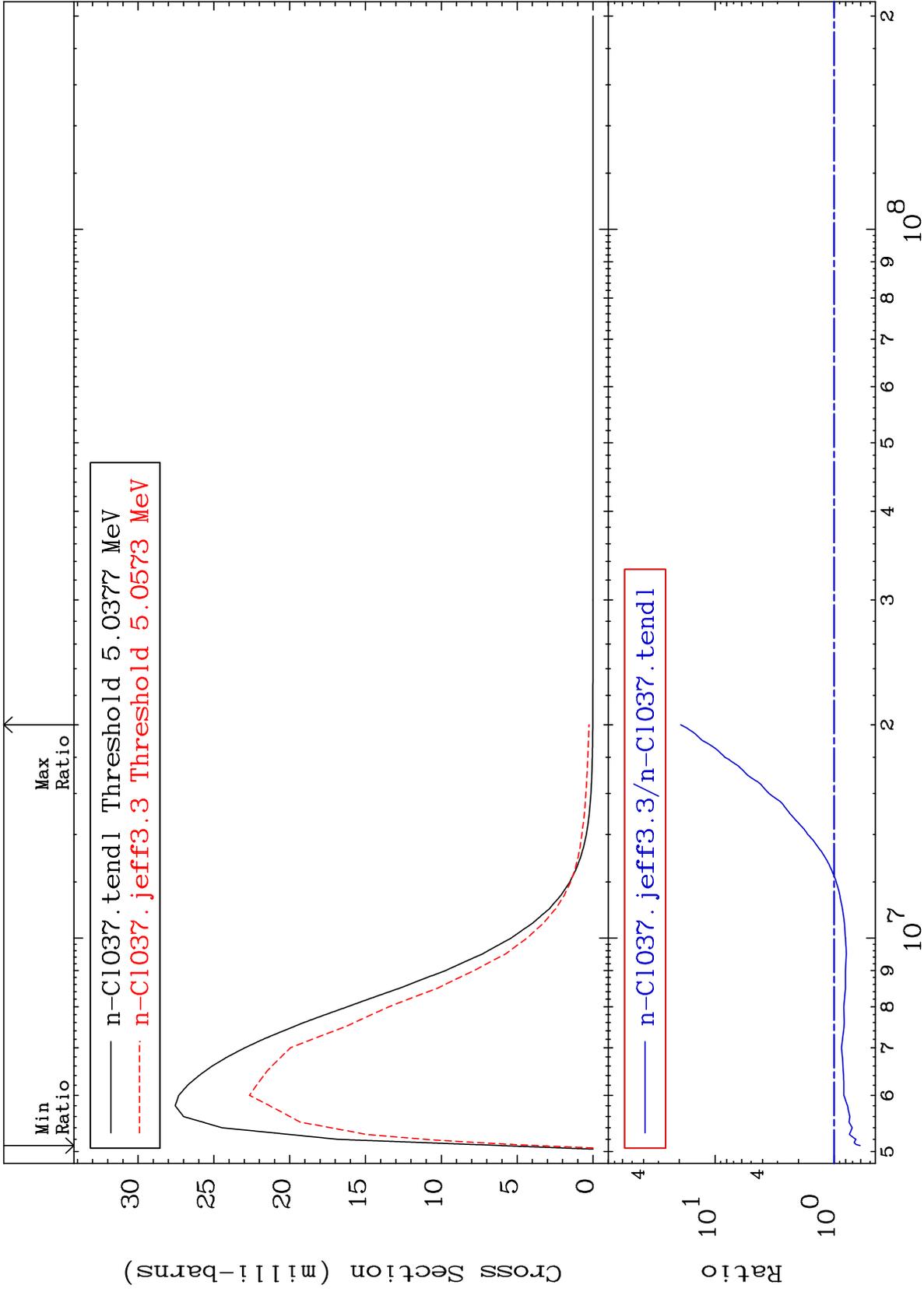


MAT 1731

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

17-Cl-37
-99.46 To 231.6 %

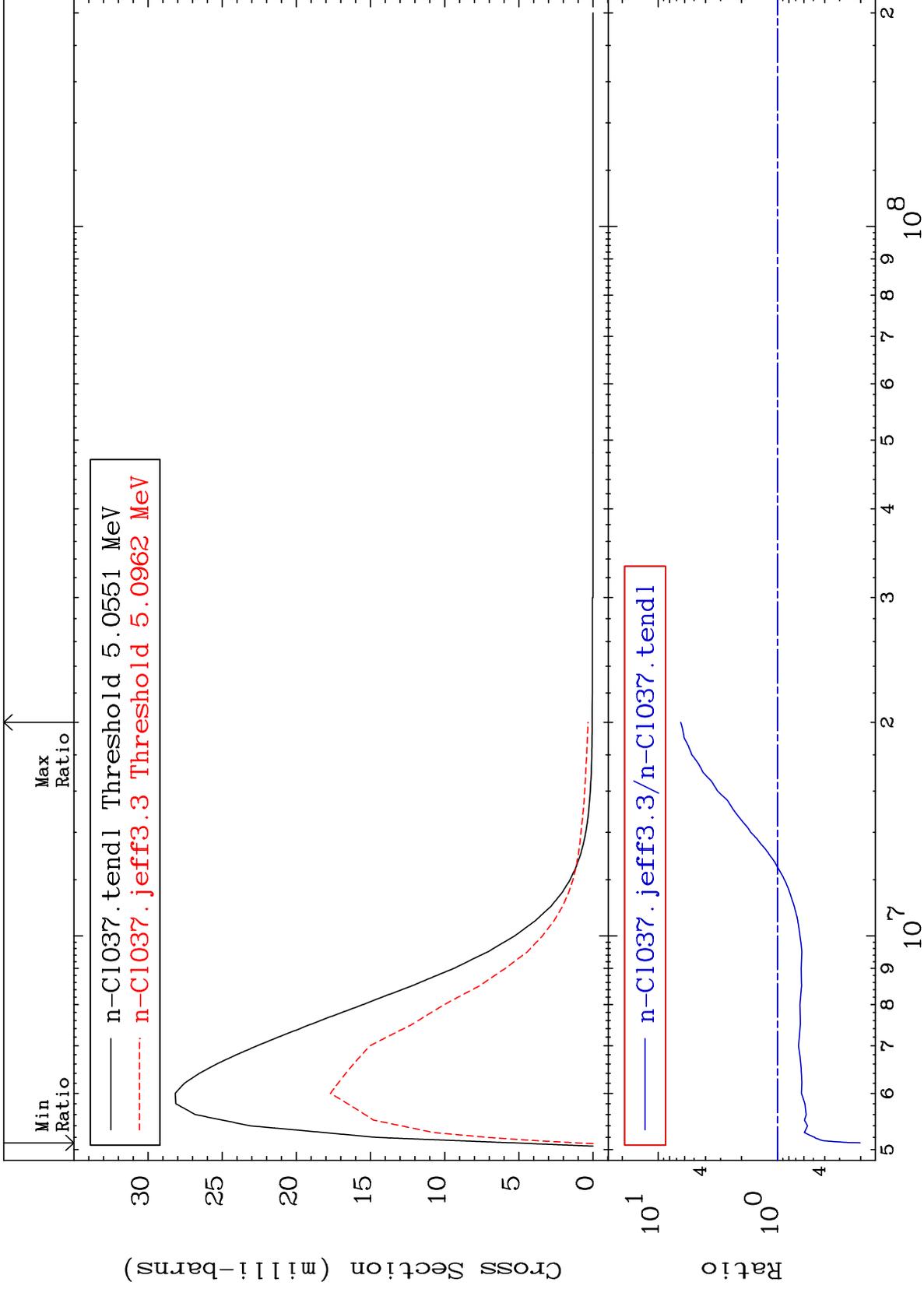




MAT 1731

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

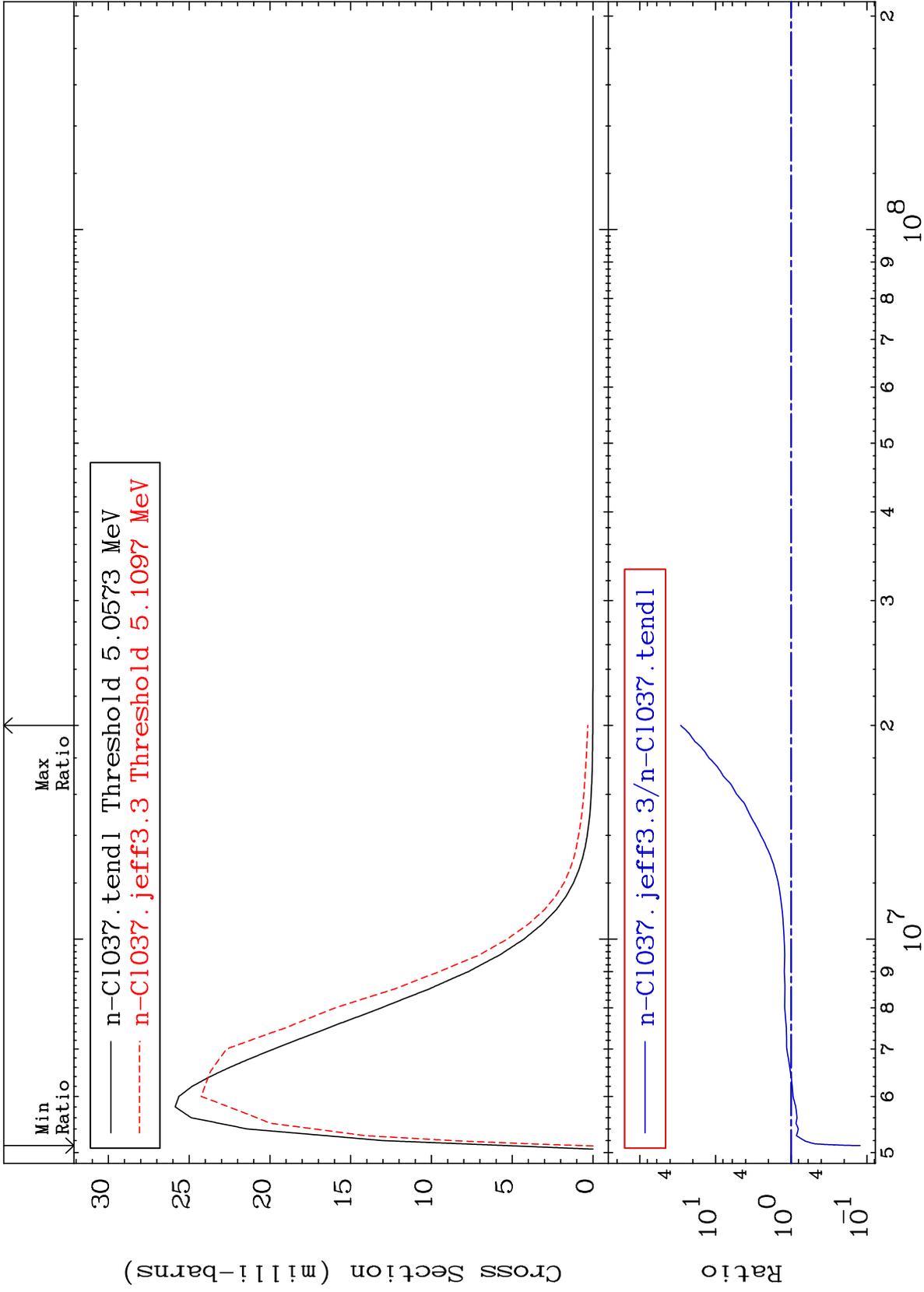
17-Cl-37
-79.76 To 546.5 %

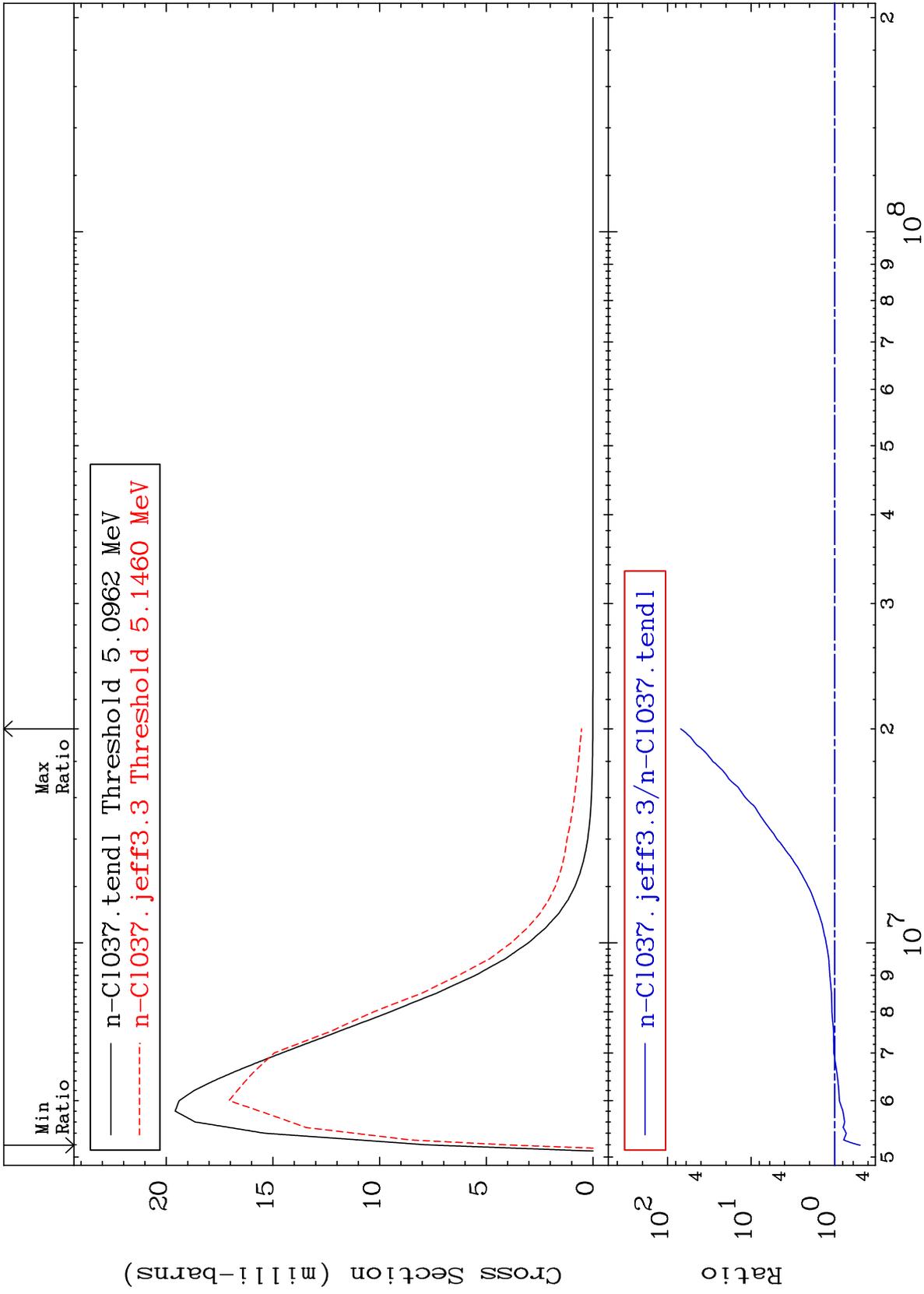


30

Incident Energy (eV)

17-Cl-37

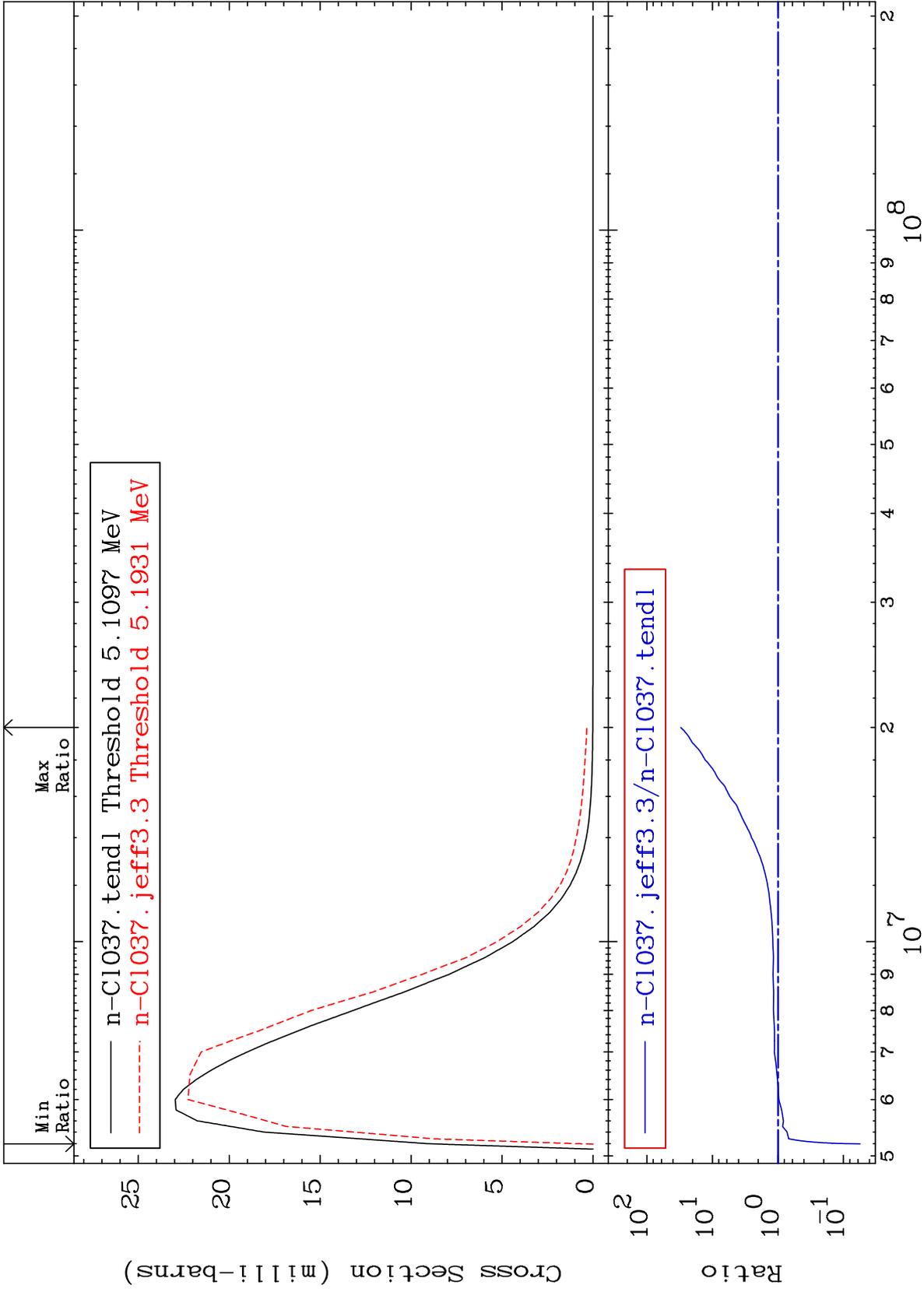


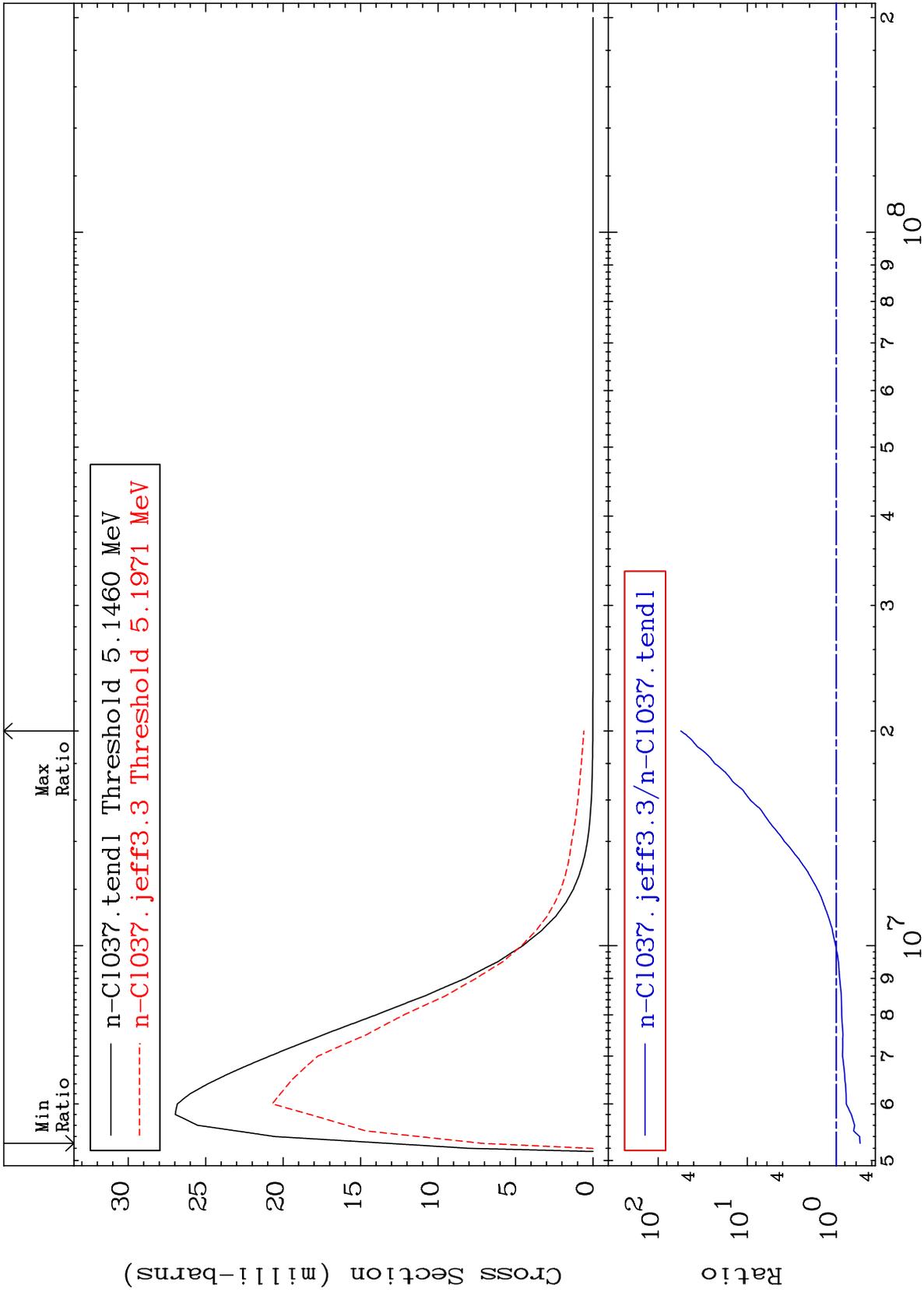


MAT 1731

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

17-Cl-37
-94.43 To 2941. %

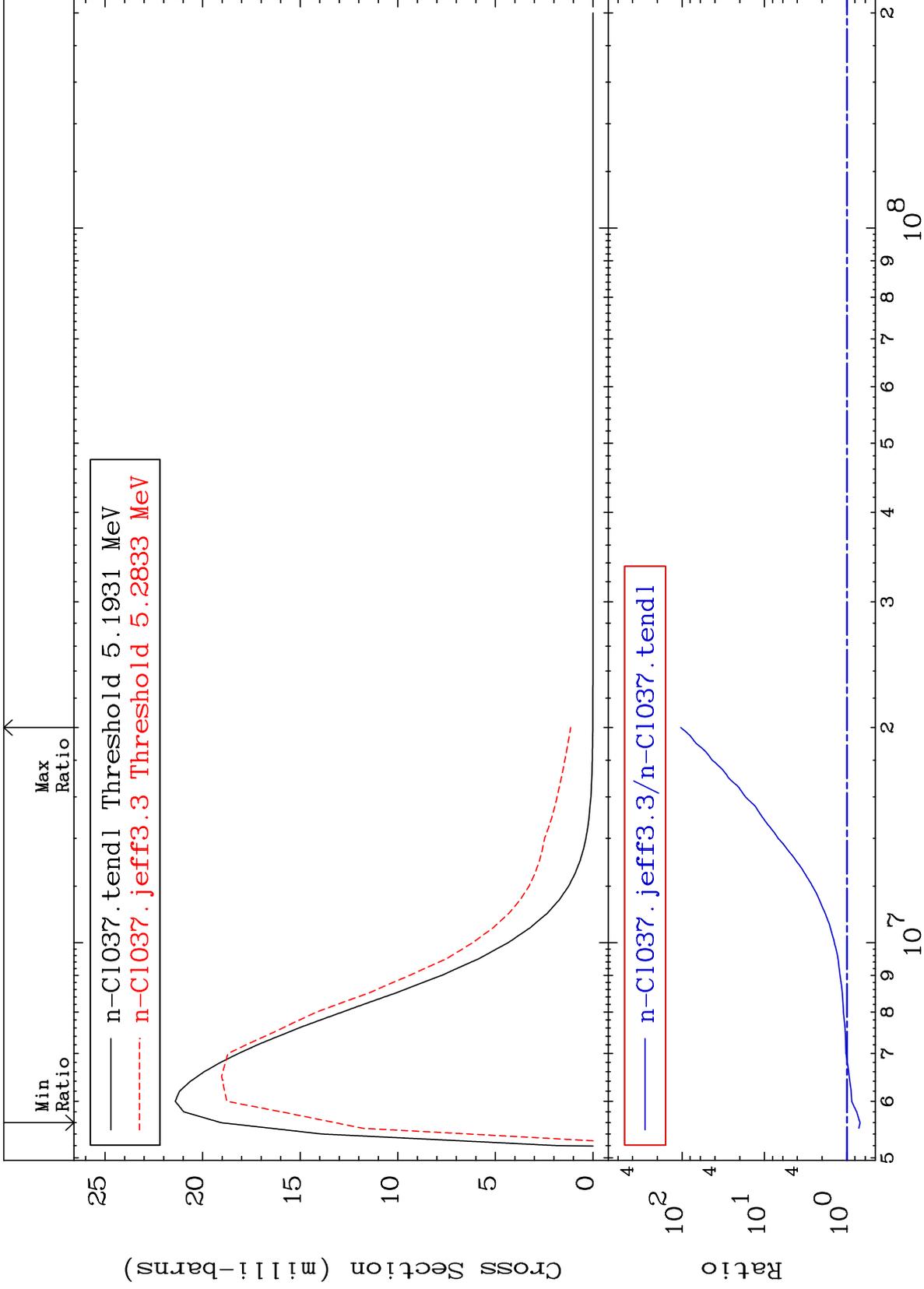




MAT 1731

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

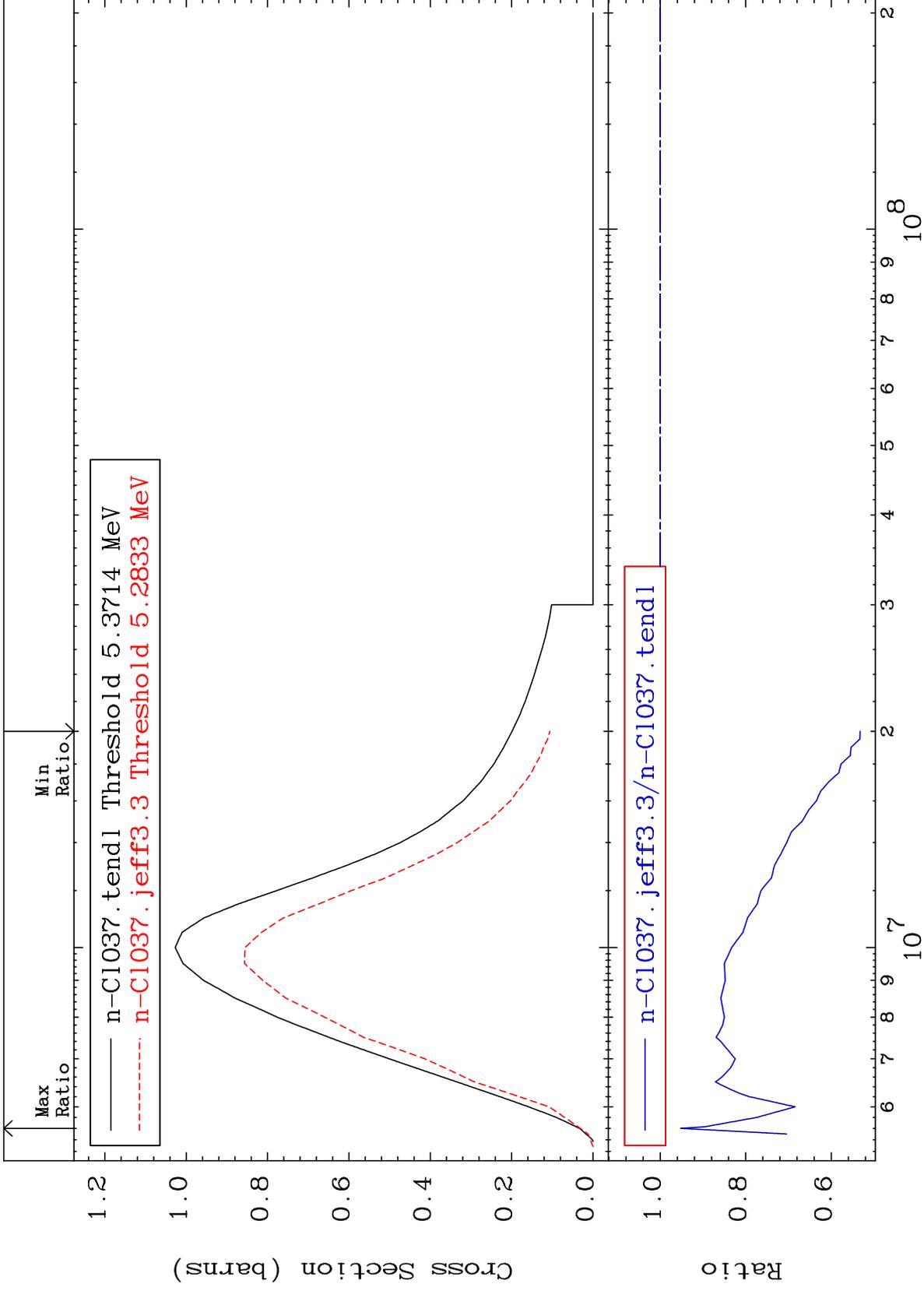
17-Cl-37
-30.76 To 9999. %



35

Incident Energy (eV)

17-Cl-37



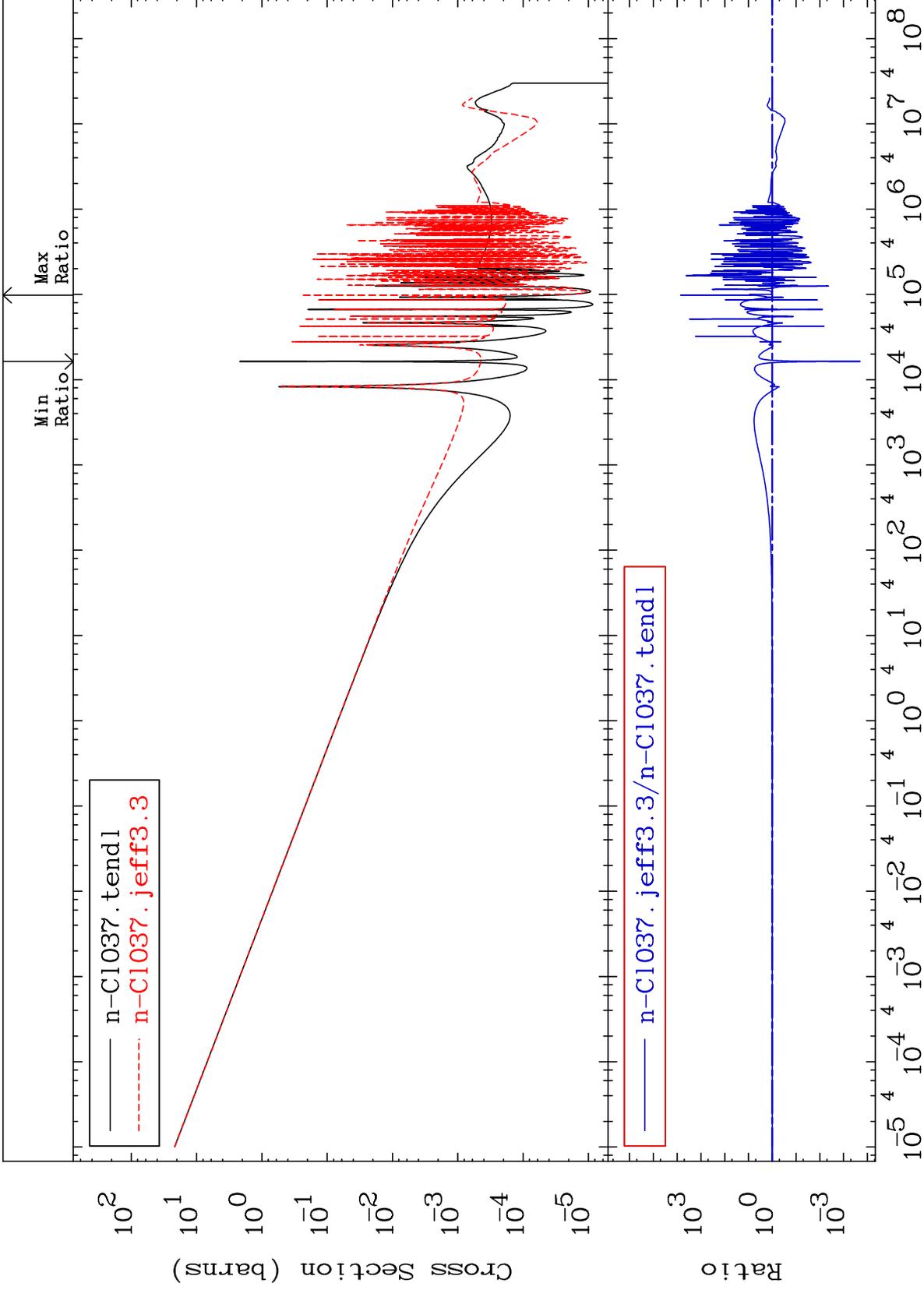
MAT 1731

(n, γ)

17-Cl-37

Cross Section

-99.98 To 9999. %



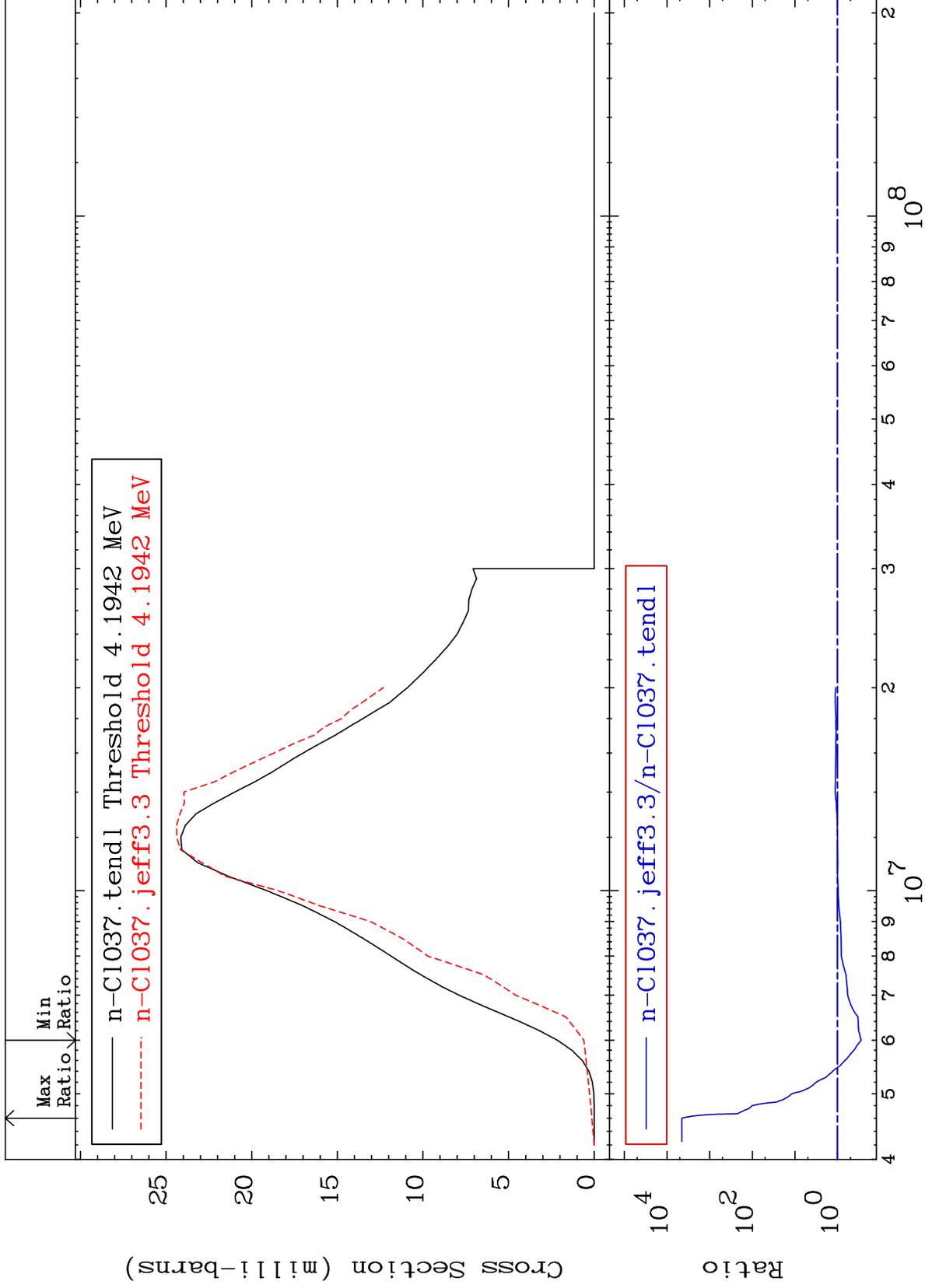
37

Incident Energy (eV)

17-Cl-37

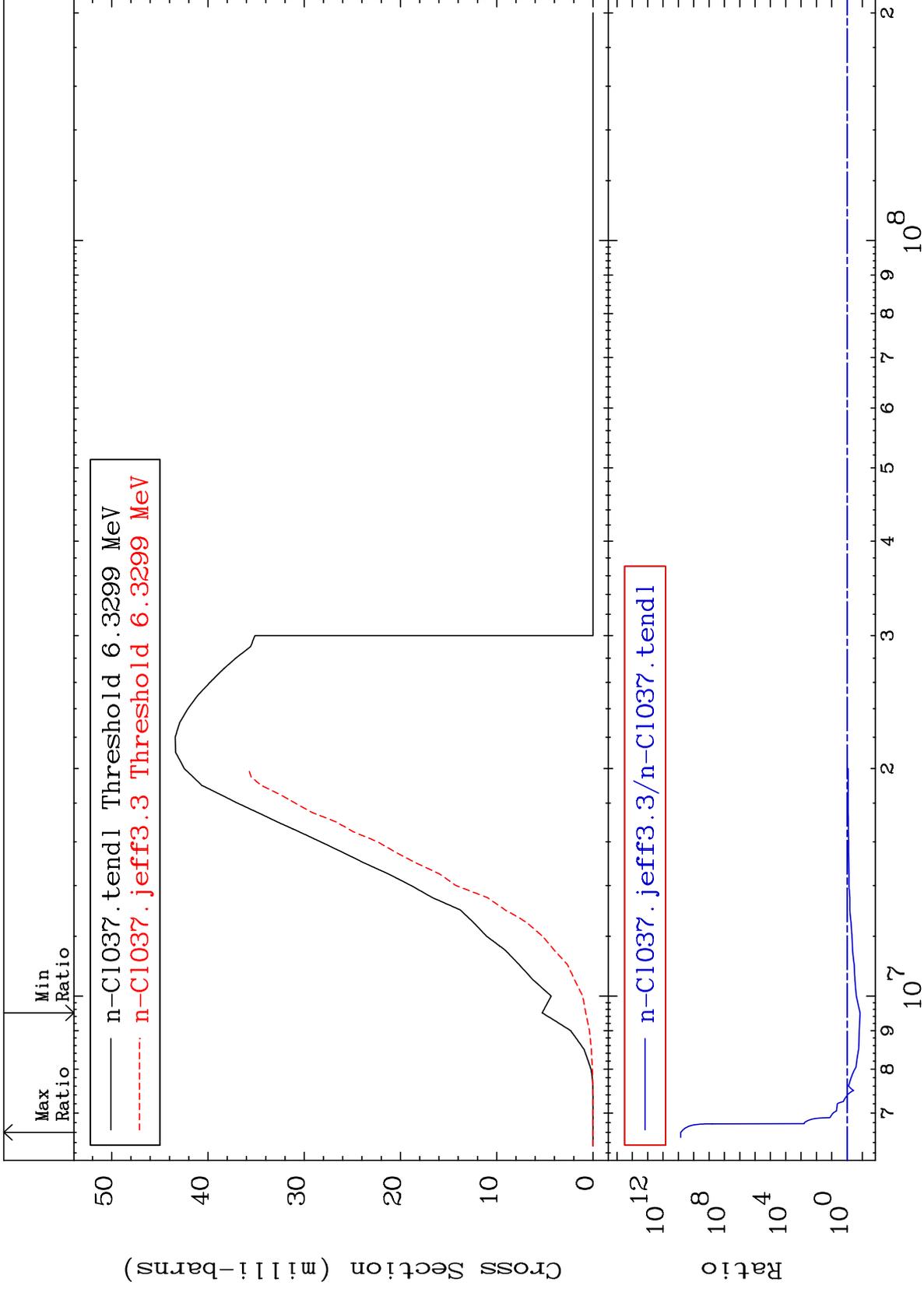
Cross Section

-71.89 To 9999. %



Cross Section

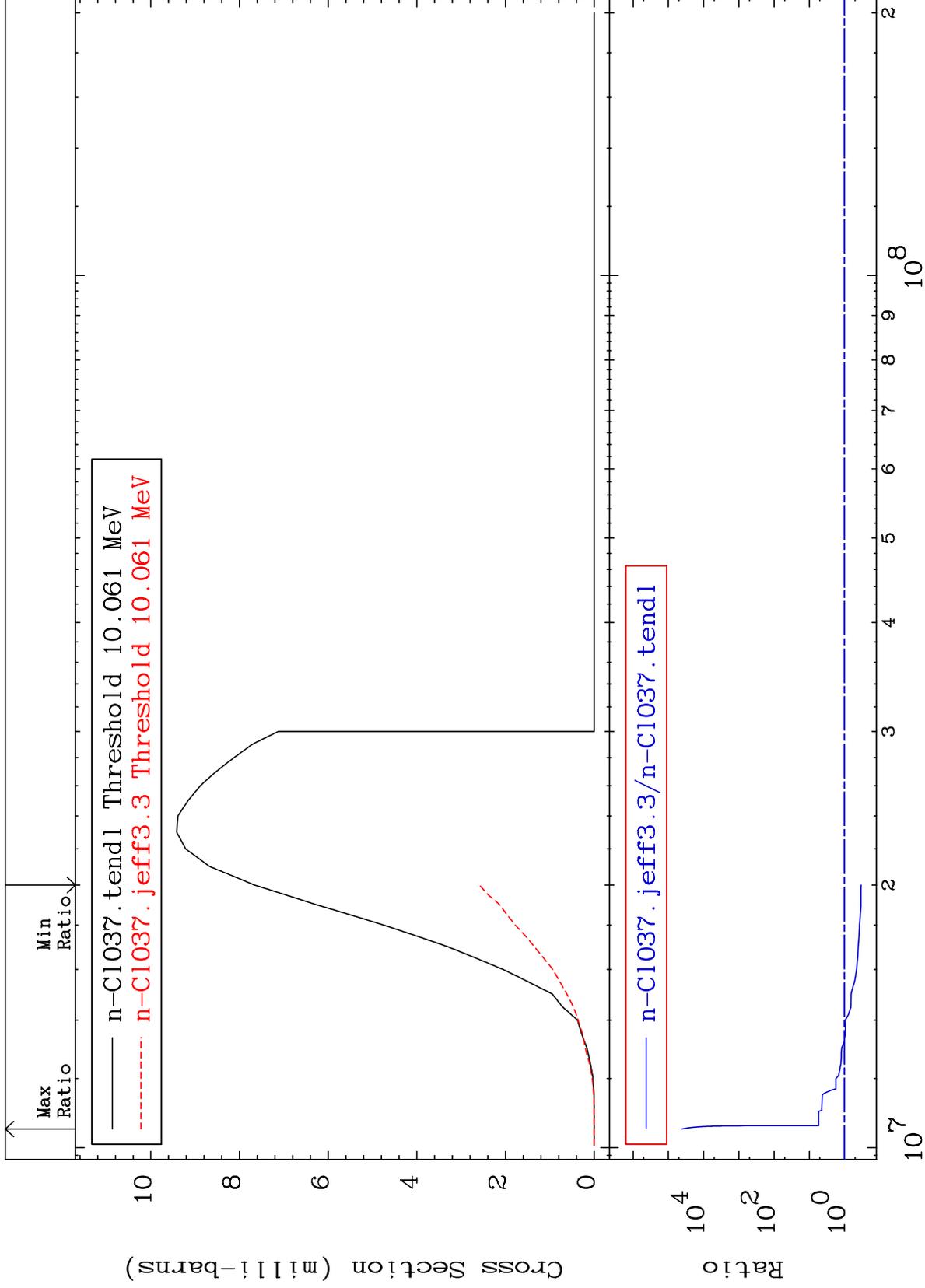
-85.82 To 9999. %



MAT 1731

(n, t)
Cross Section

17-Cl-37
-66.25 To 9999. %



40

17-Cl-37

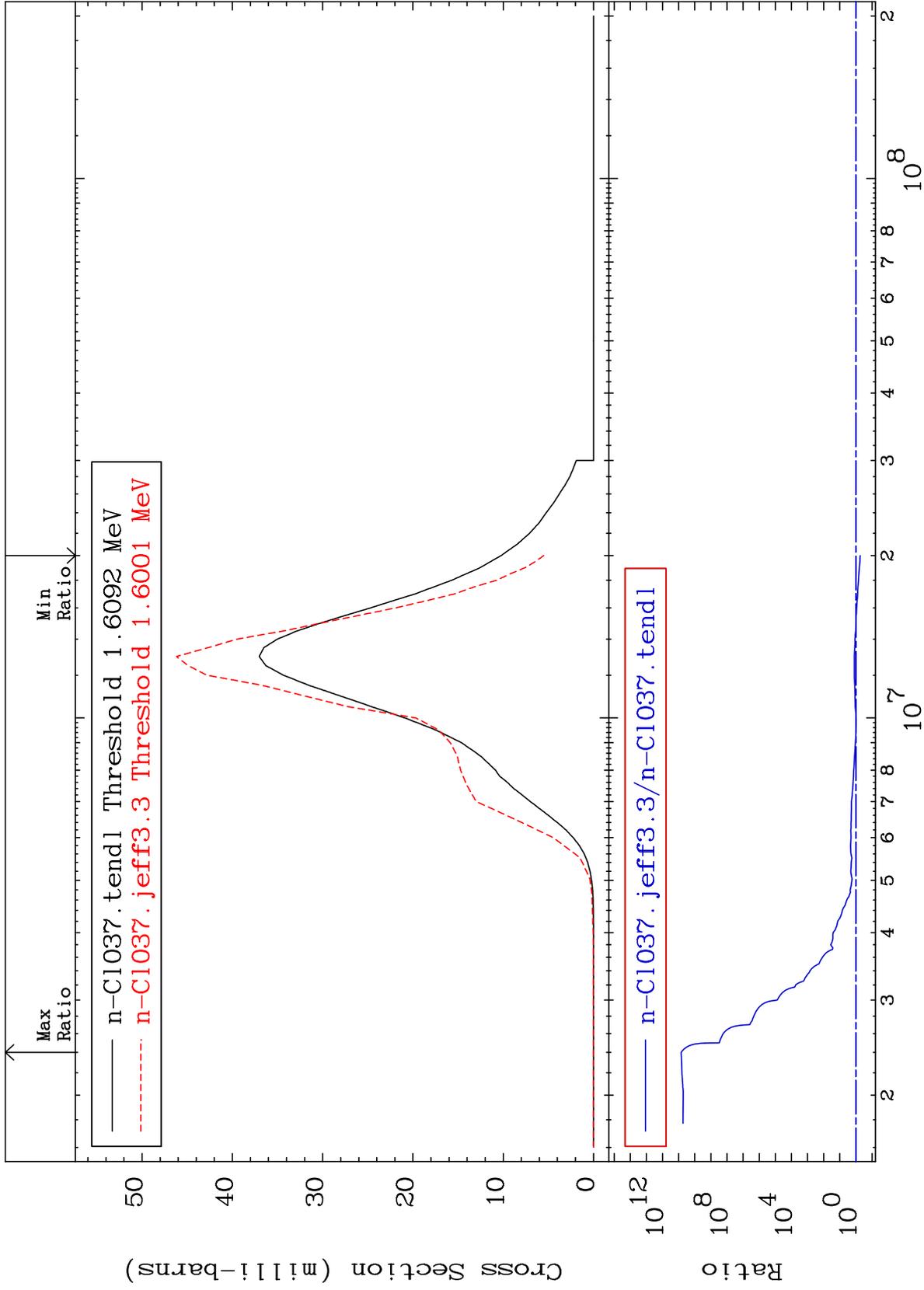
MAT 1731

(n, α)

17-Cl-37

Cross Section

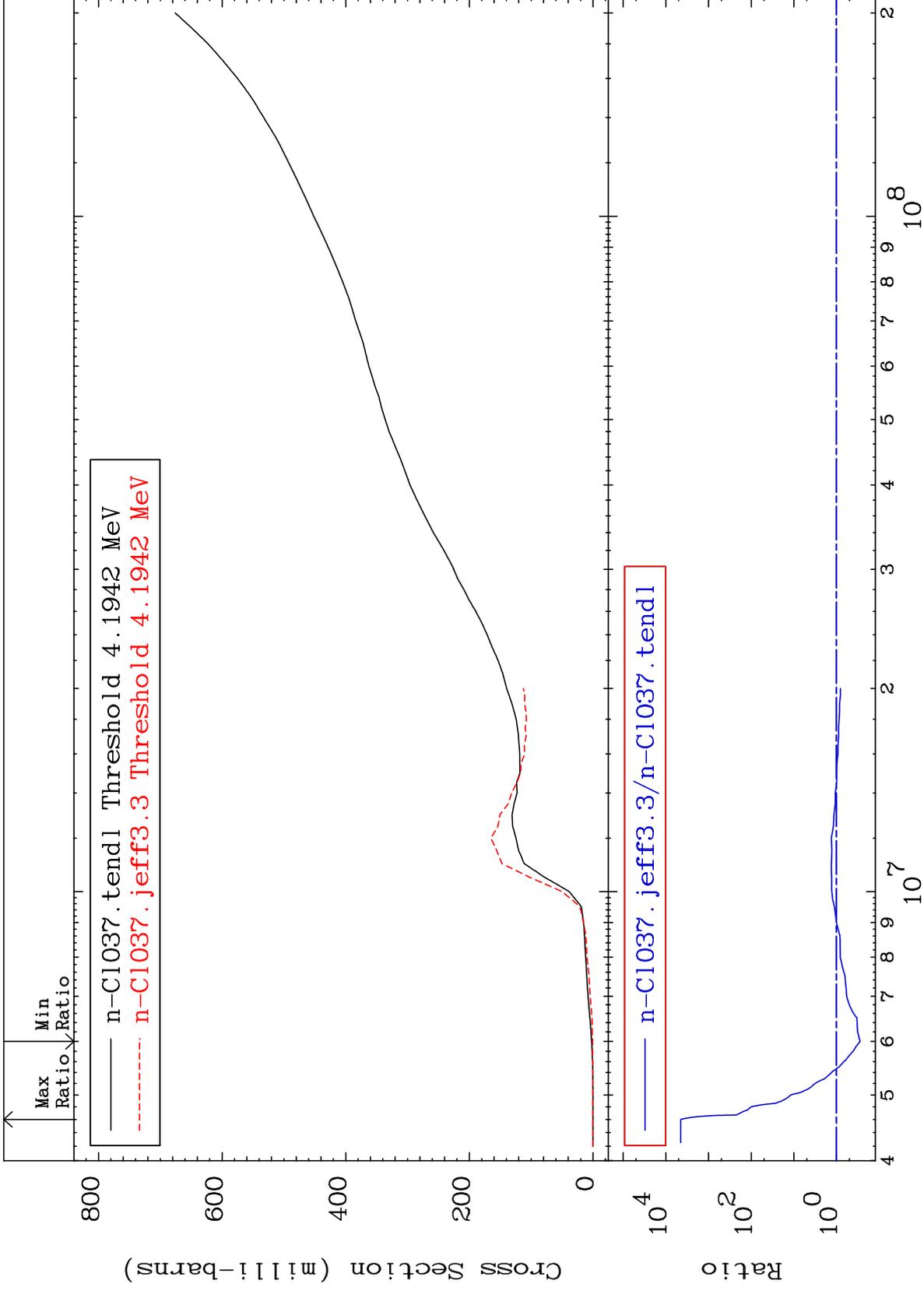
-46.10 To 9999. %

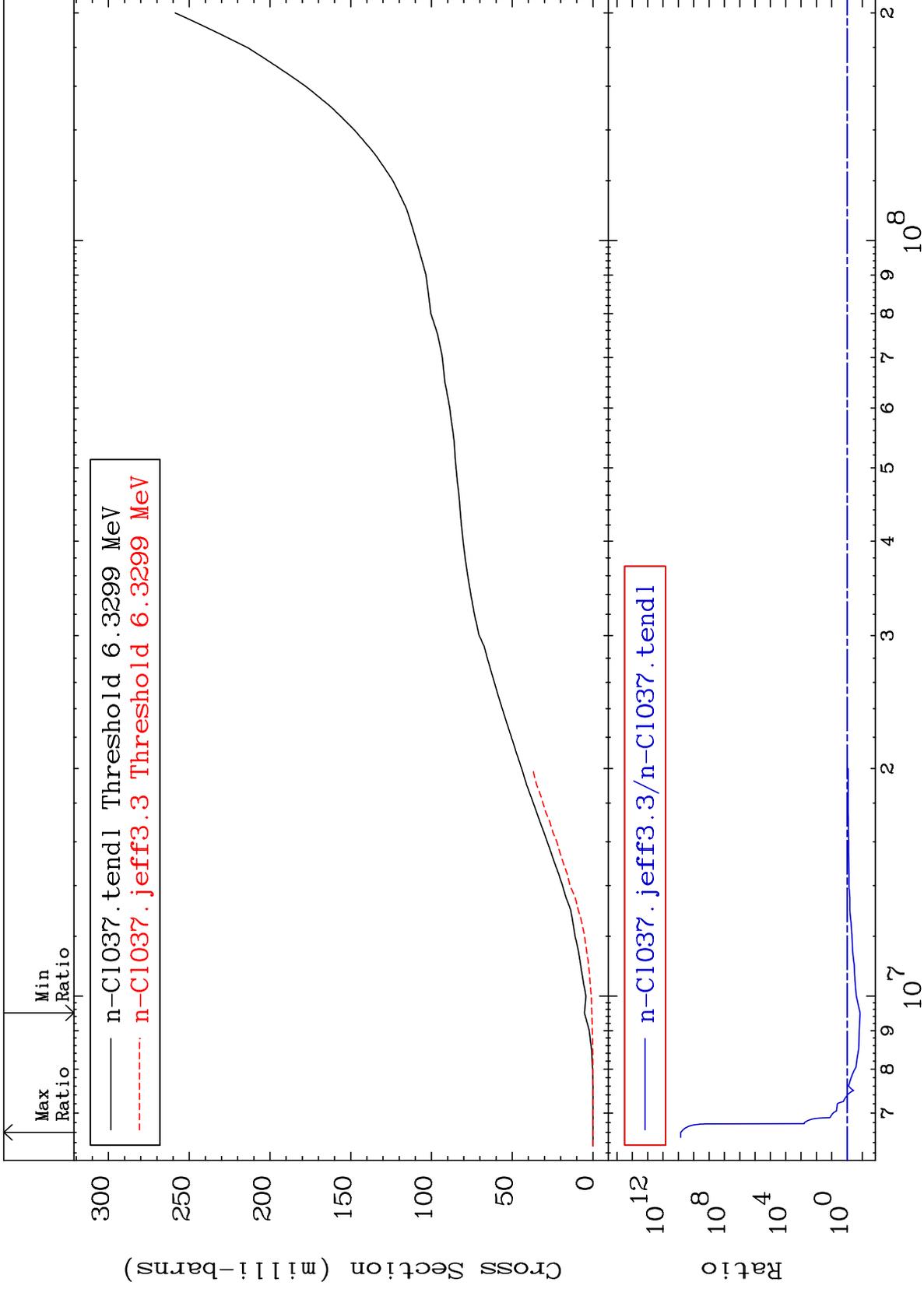


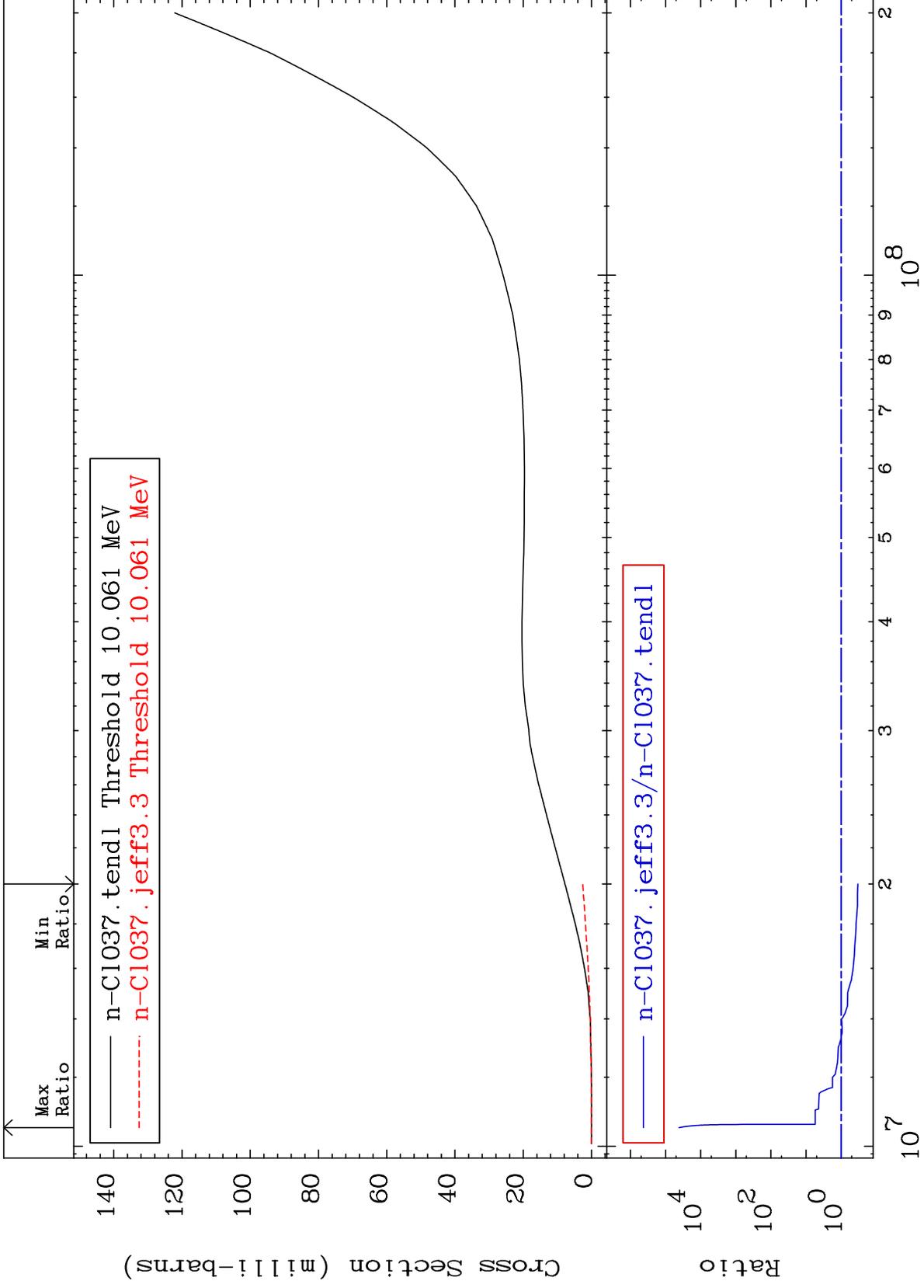
MAT 1731

Hydrogen Production
Cross Section

17-Cl-37
-71.89 To 9999. %



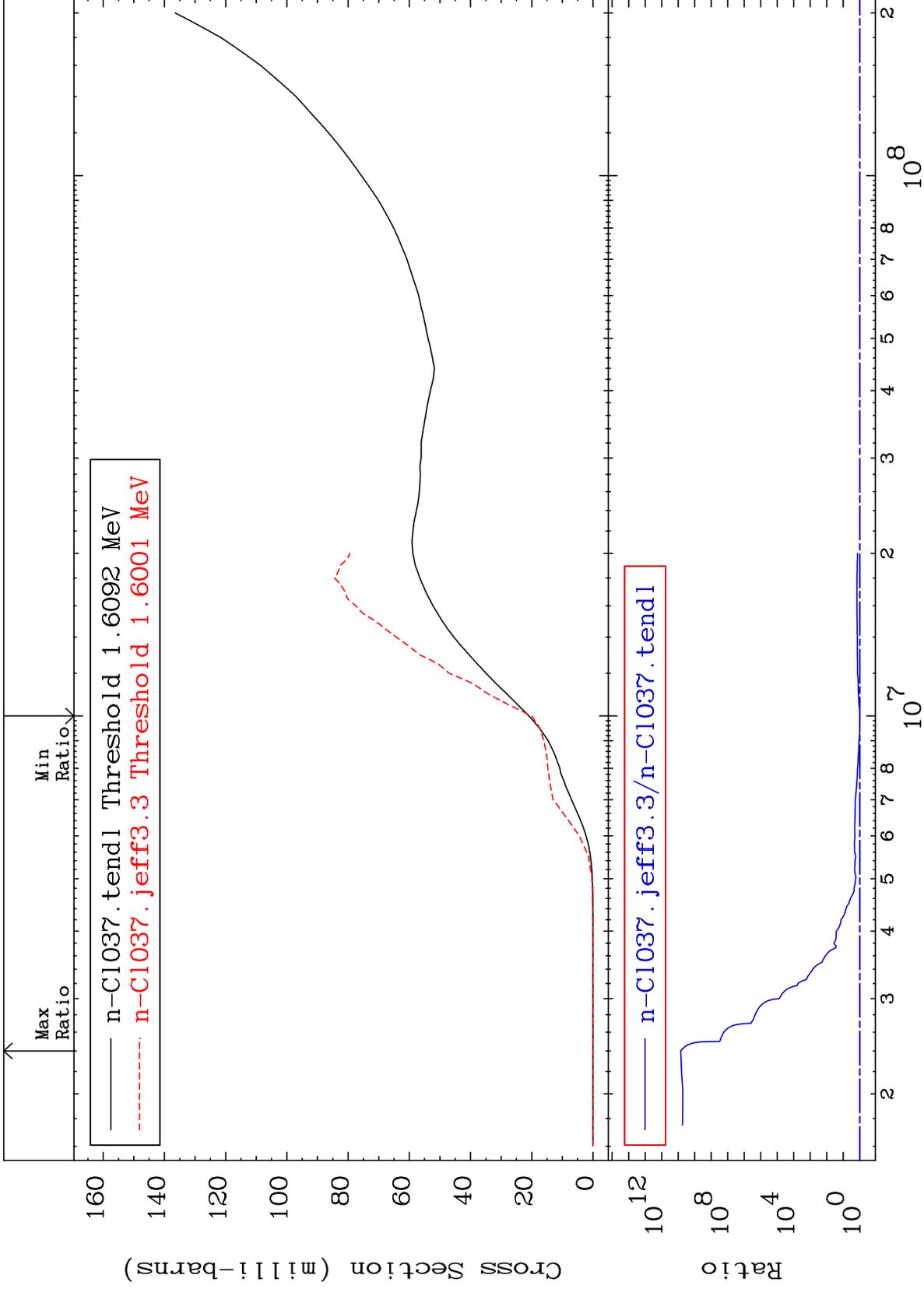




MAT 1731

He-4 Production
Cross Section

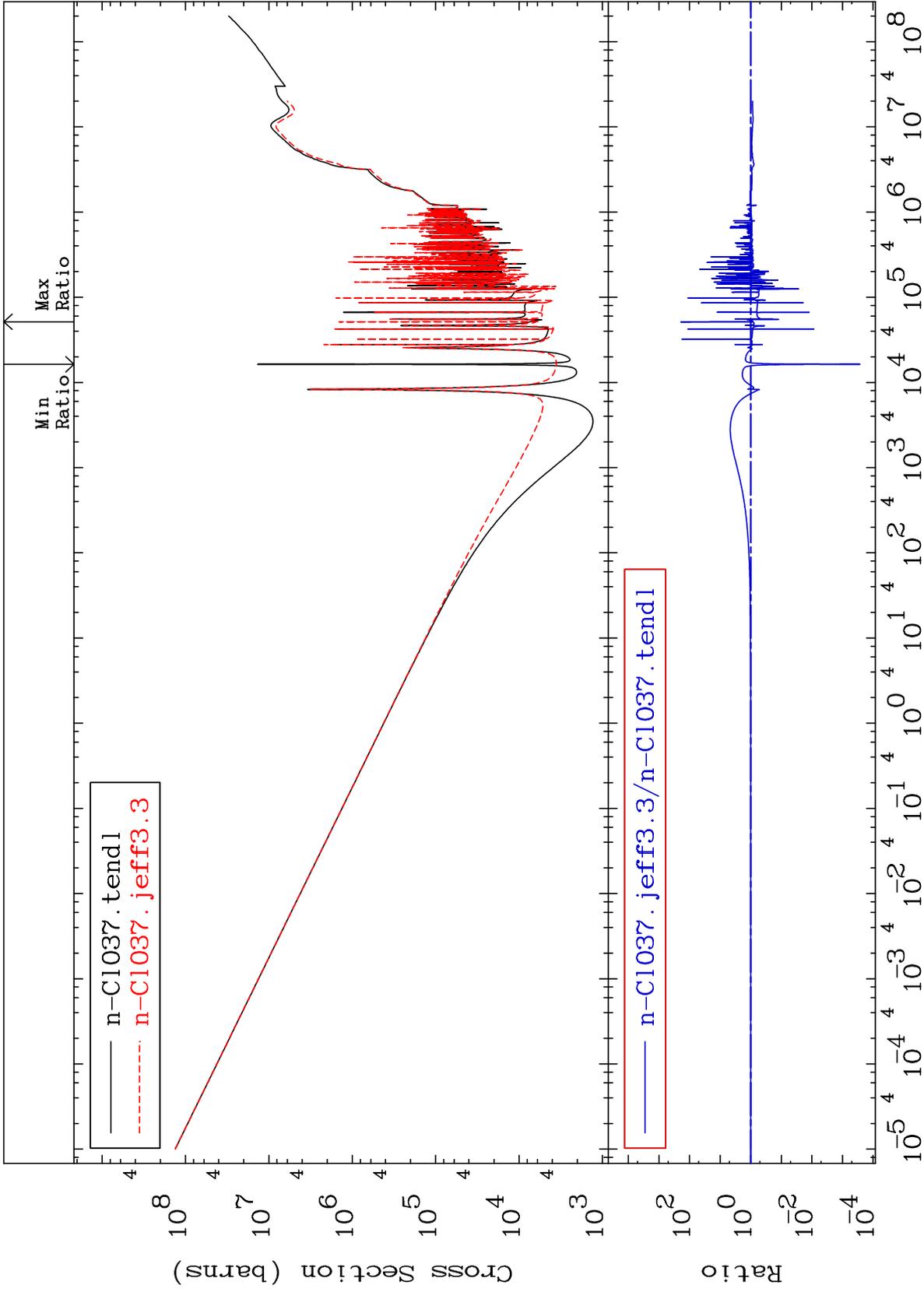
17-Cl-37
-4.277 To 9999. %



45

Incident Energy (eV)

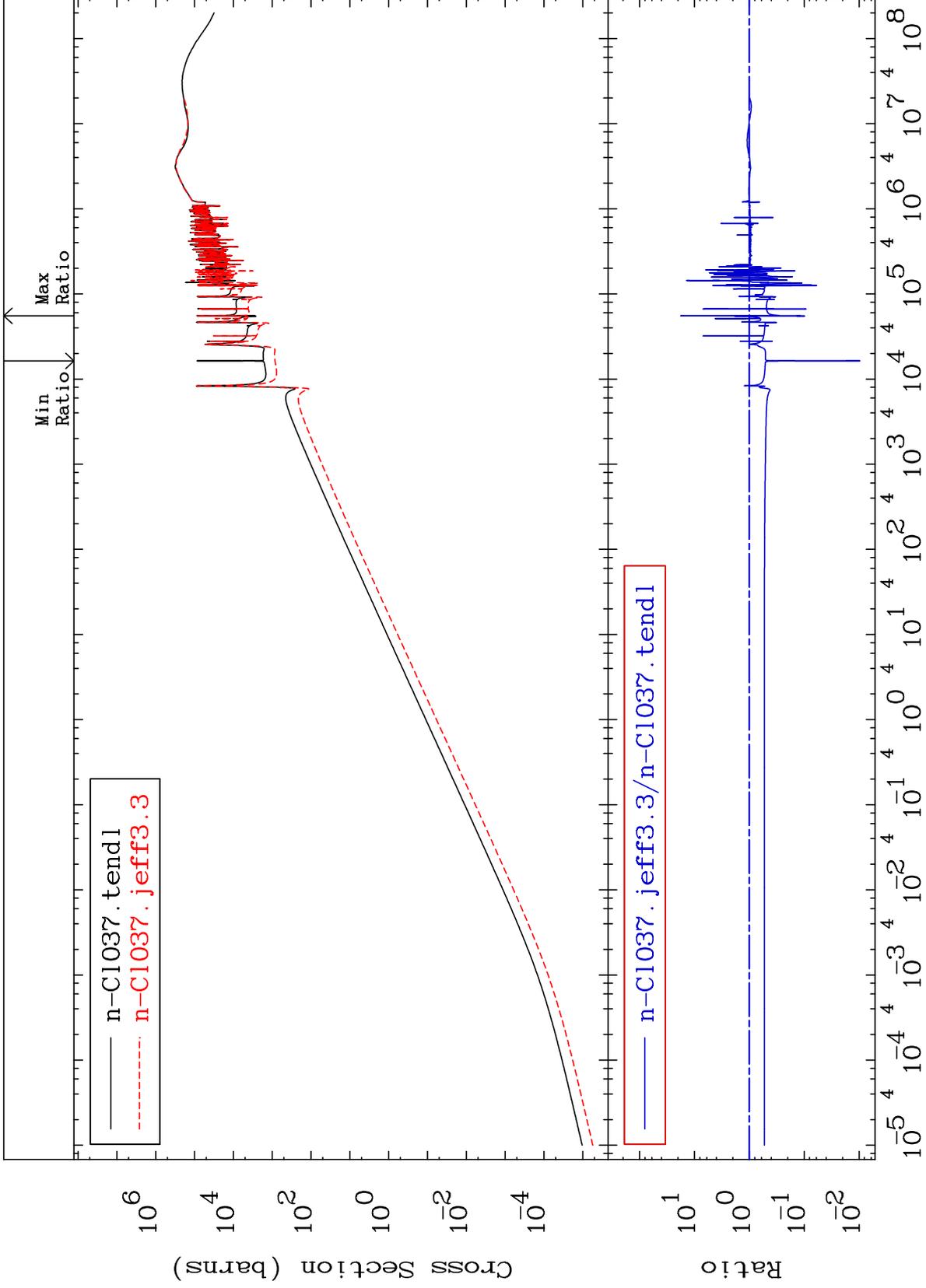
17-Cl-37

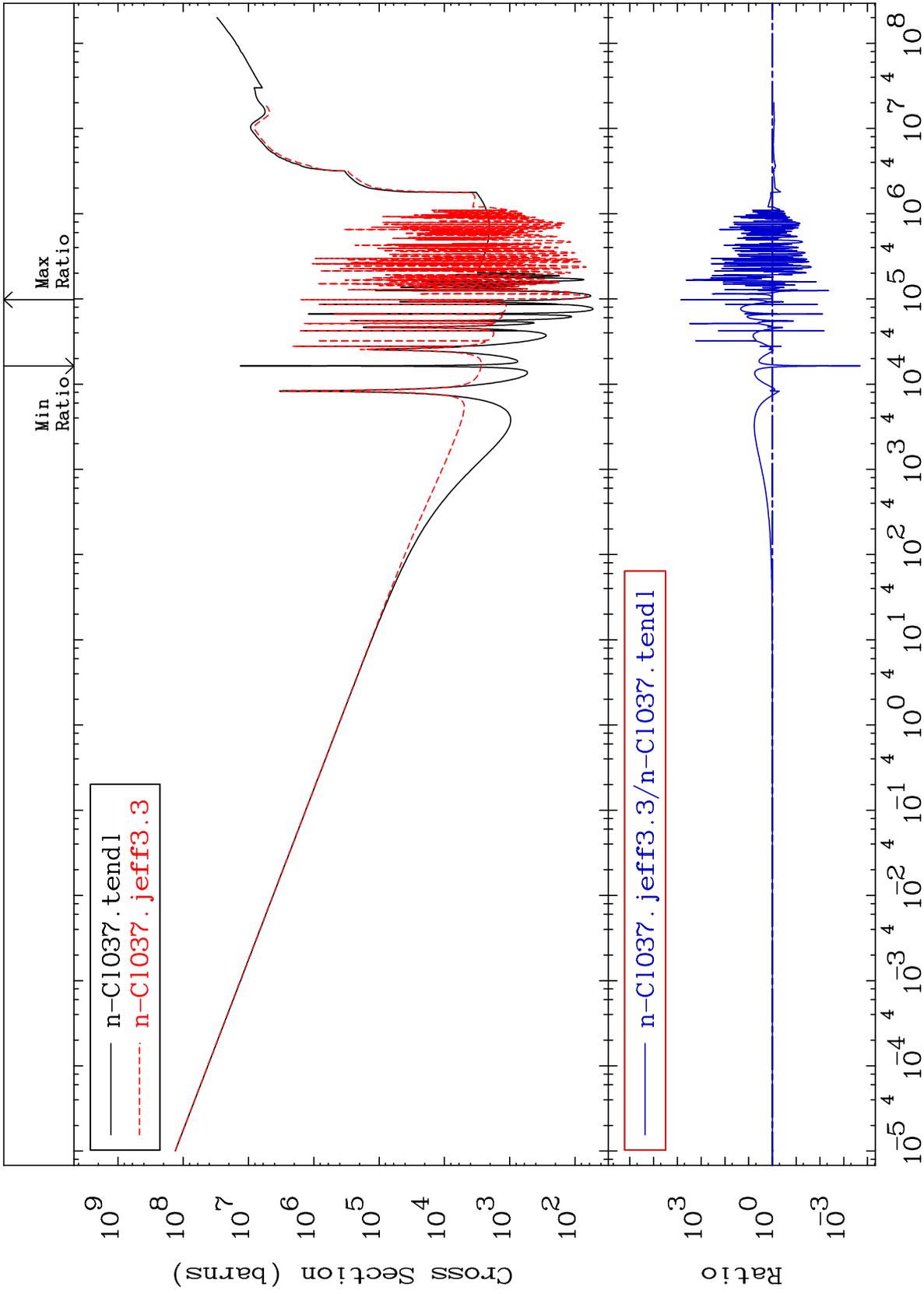


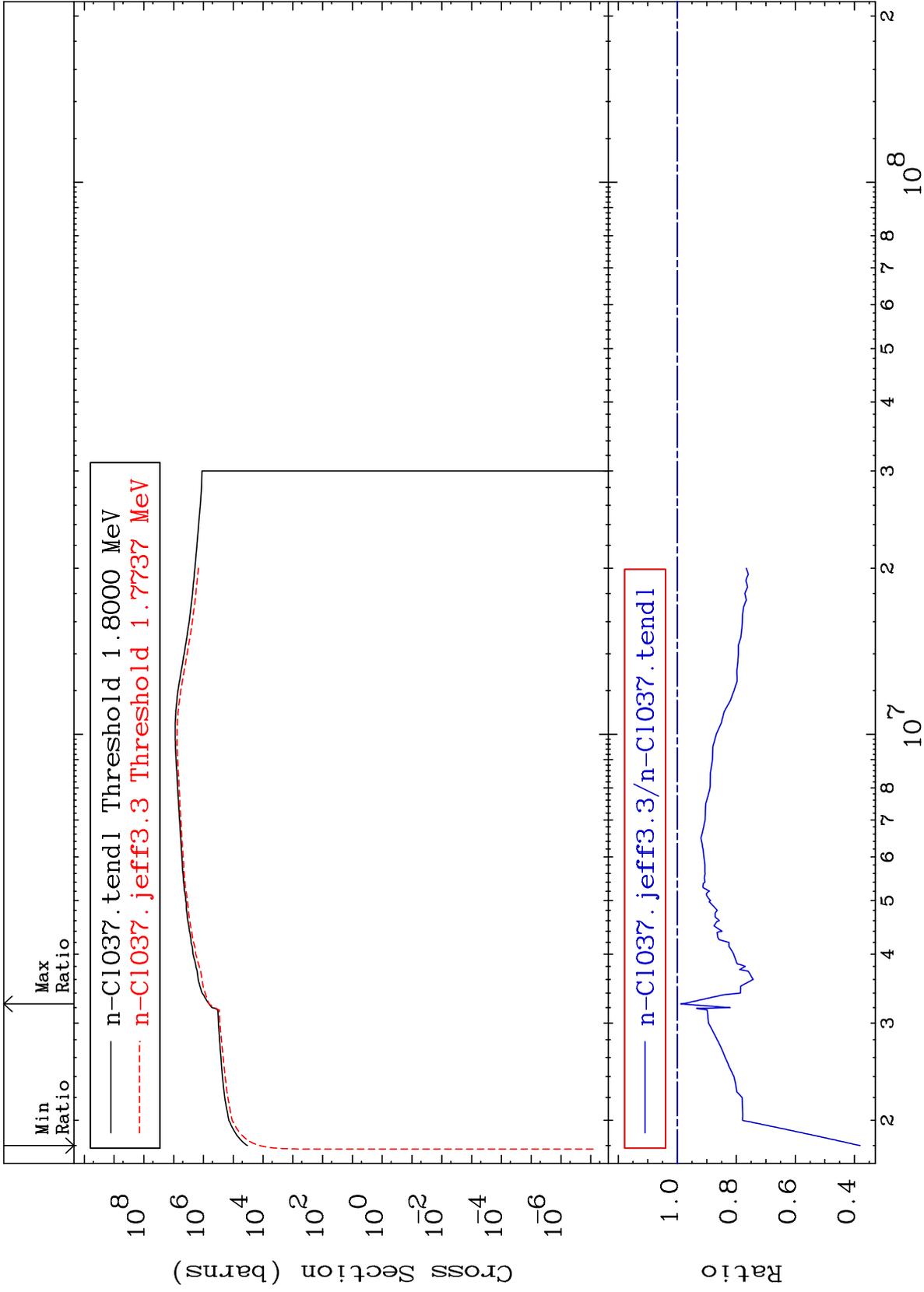
MAT 1731

Kerma elastic
Cross Section

17-Cl-37
-99.03 To 1700. %



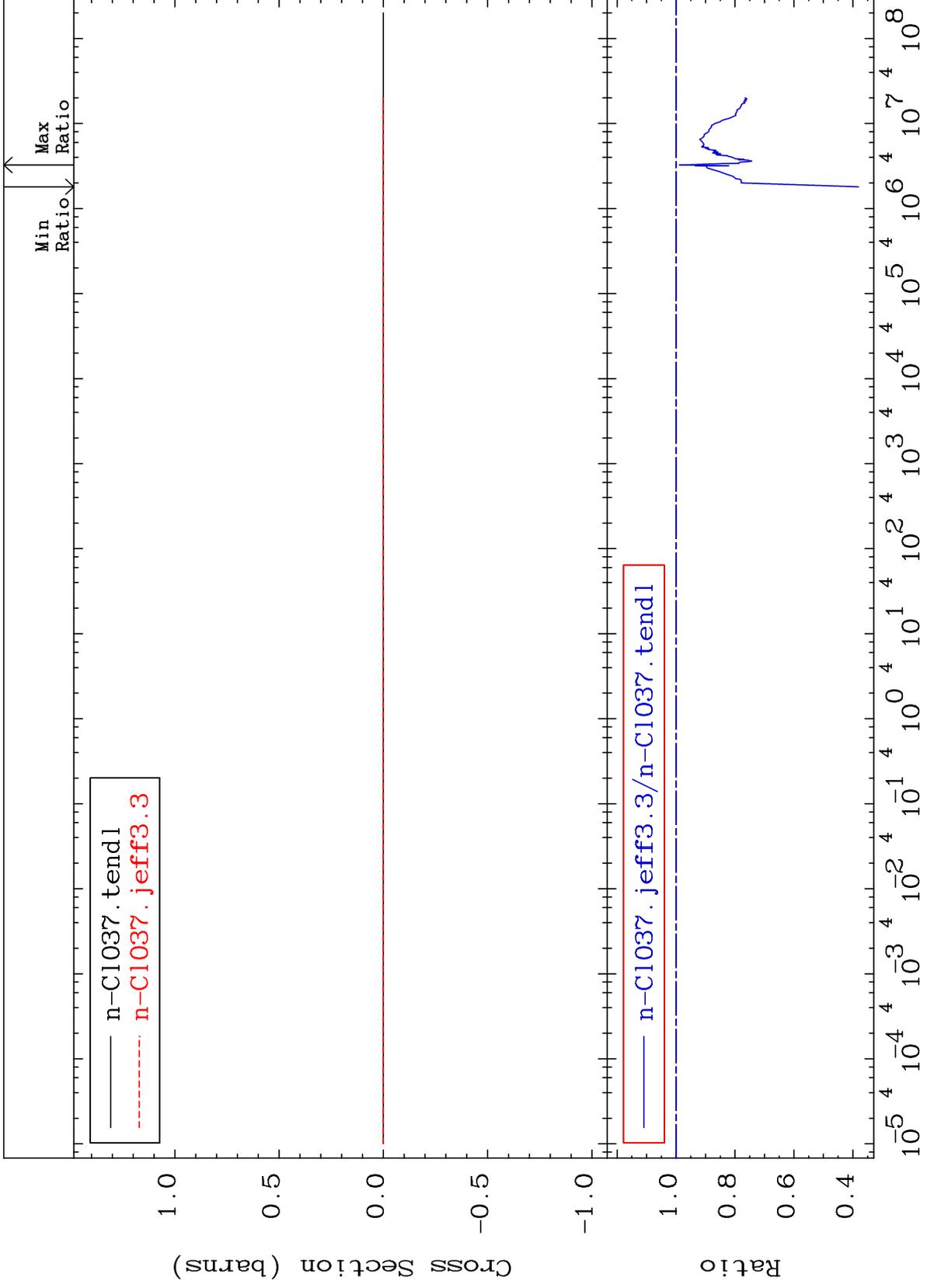




MAT 1731

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

17-Cl-37
-61.92 To -1.183%



50

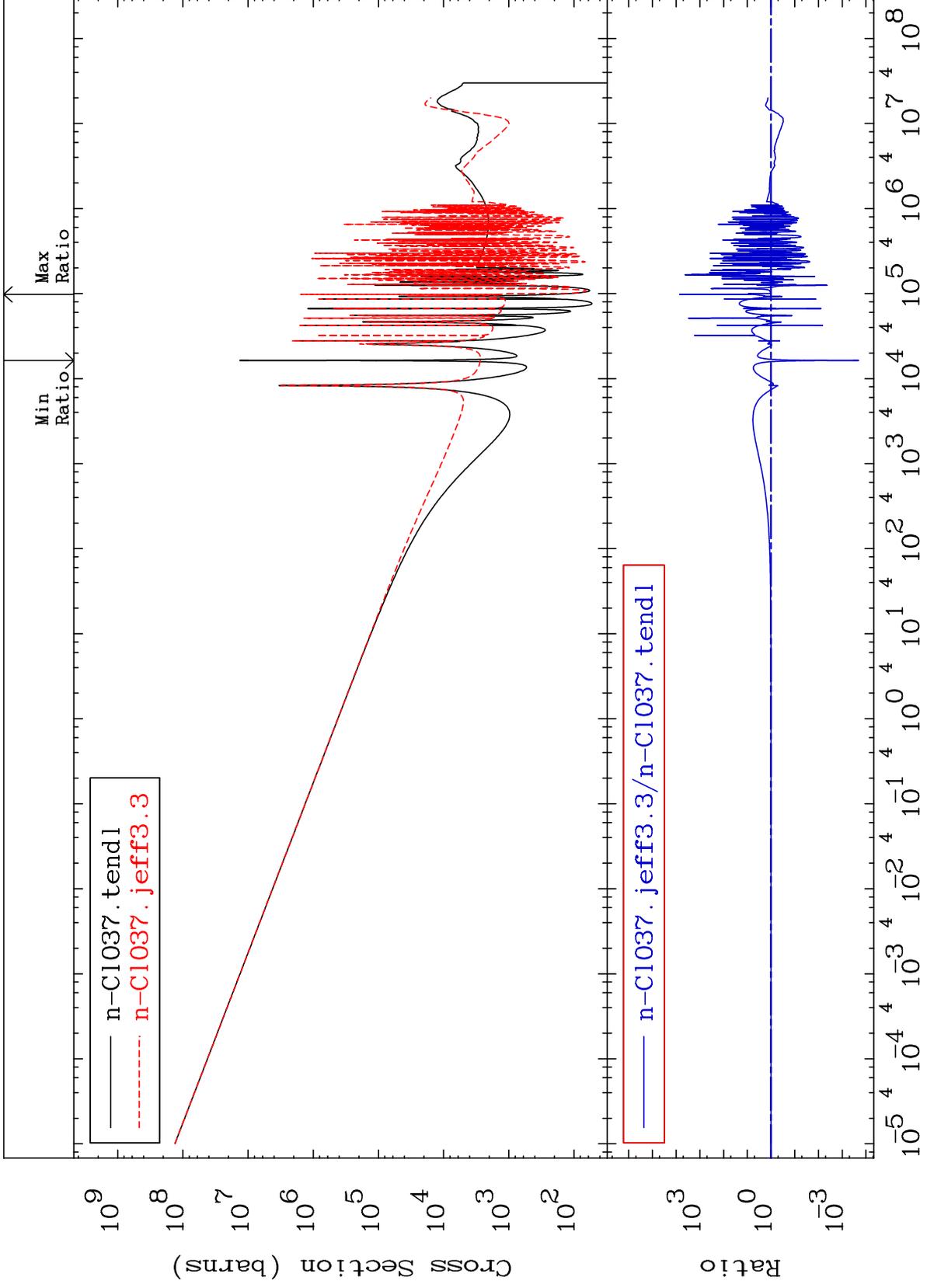
Incident Energy (eV)

17-Cl-37

MAT 1731

Kerma capture (mt102)
Cross Section

17-Cl-37
-99.98 To 9999. %



51

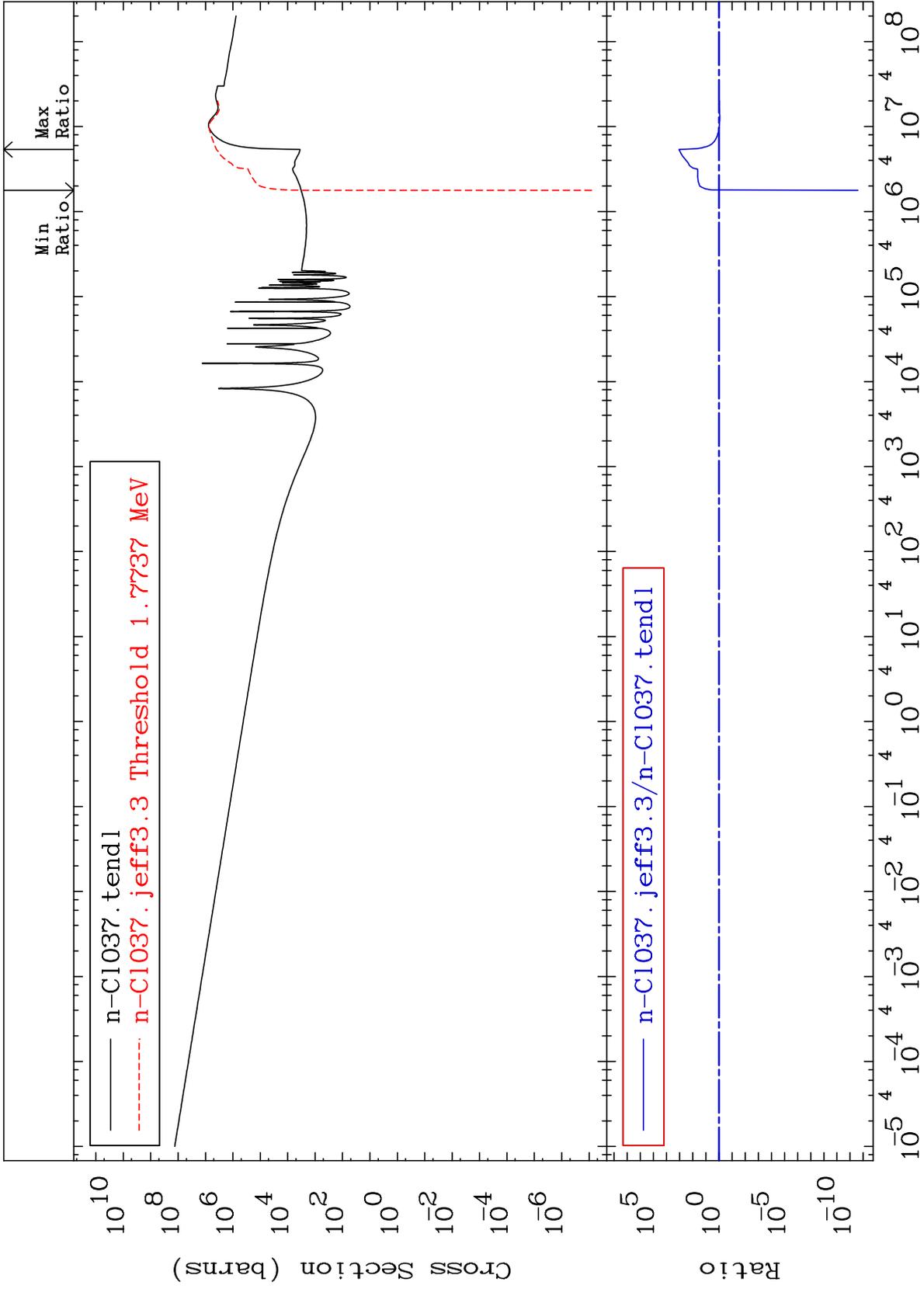
Incident Energy (eV)

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 1006. %

