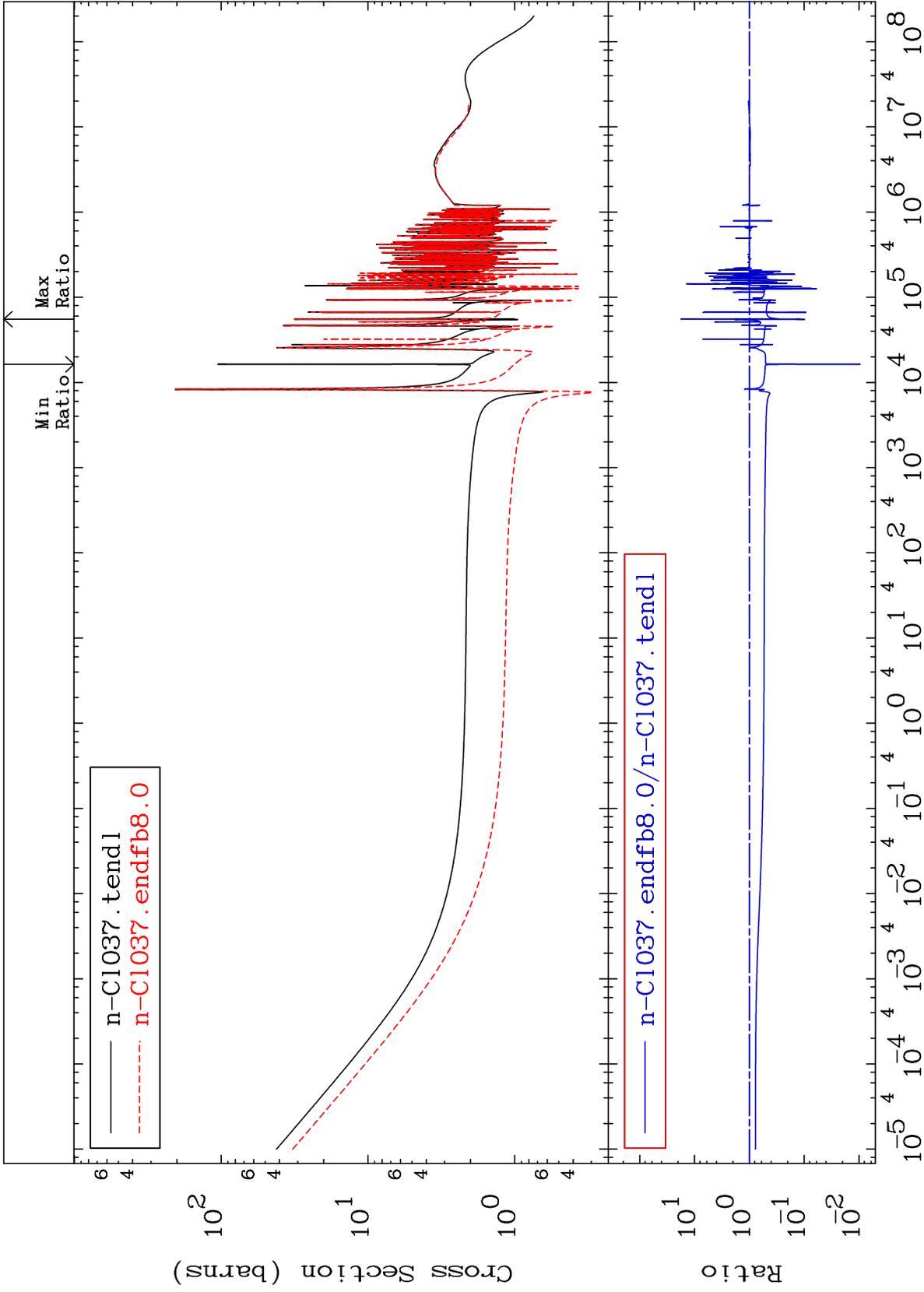


MAT 1731

Total  
Cross Section

17-C1-37  
-99.05 To 1686. %



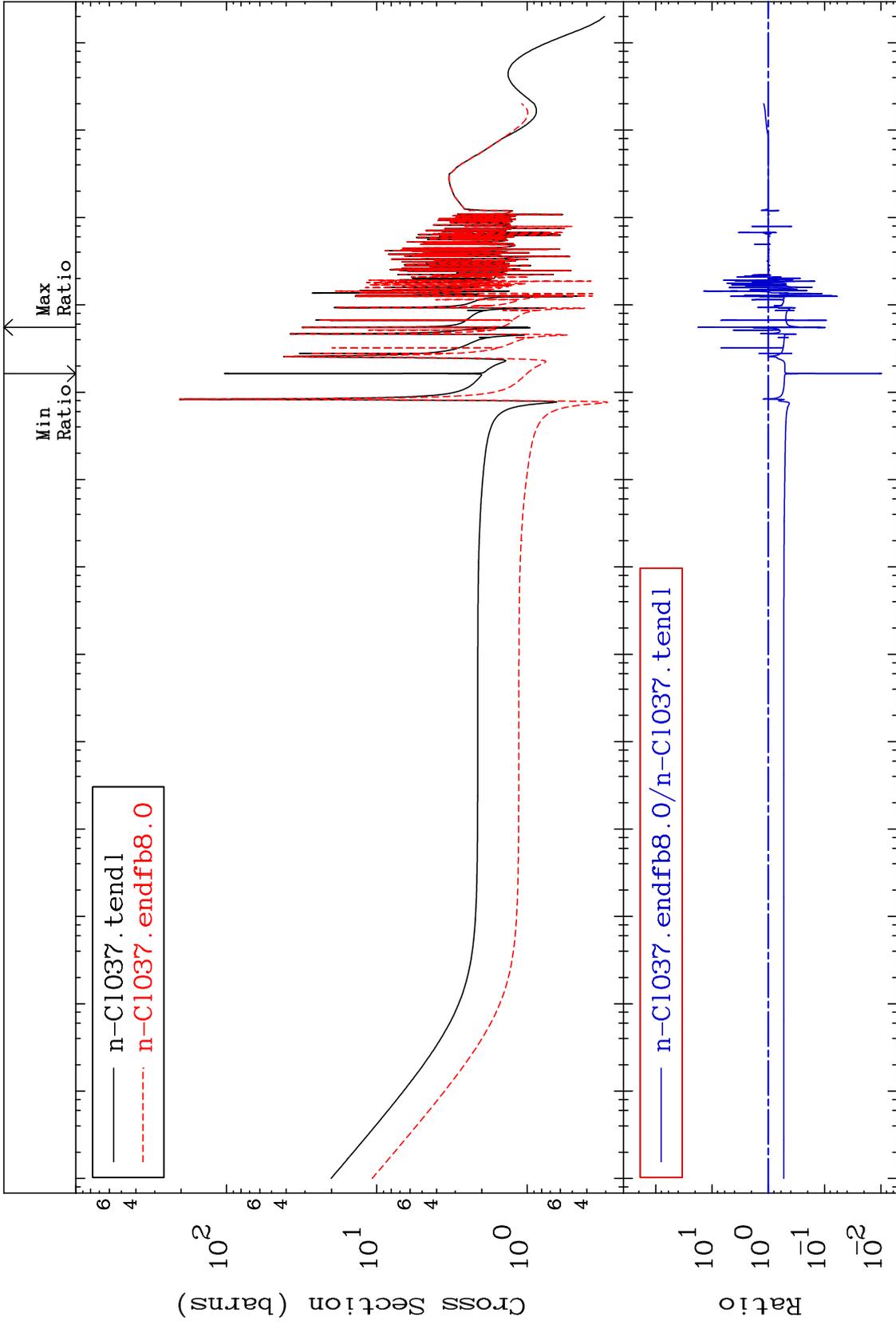
Incident Energy (eV)

17-C1-37

MAT 1731

Elastic  
Cross Section

17-C1-37  
-99.03 To 1701. %



Incident Energy (eV)

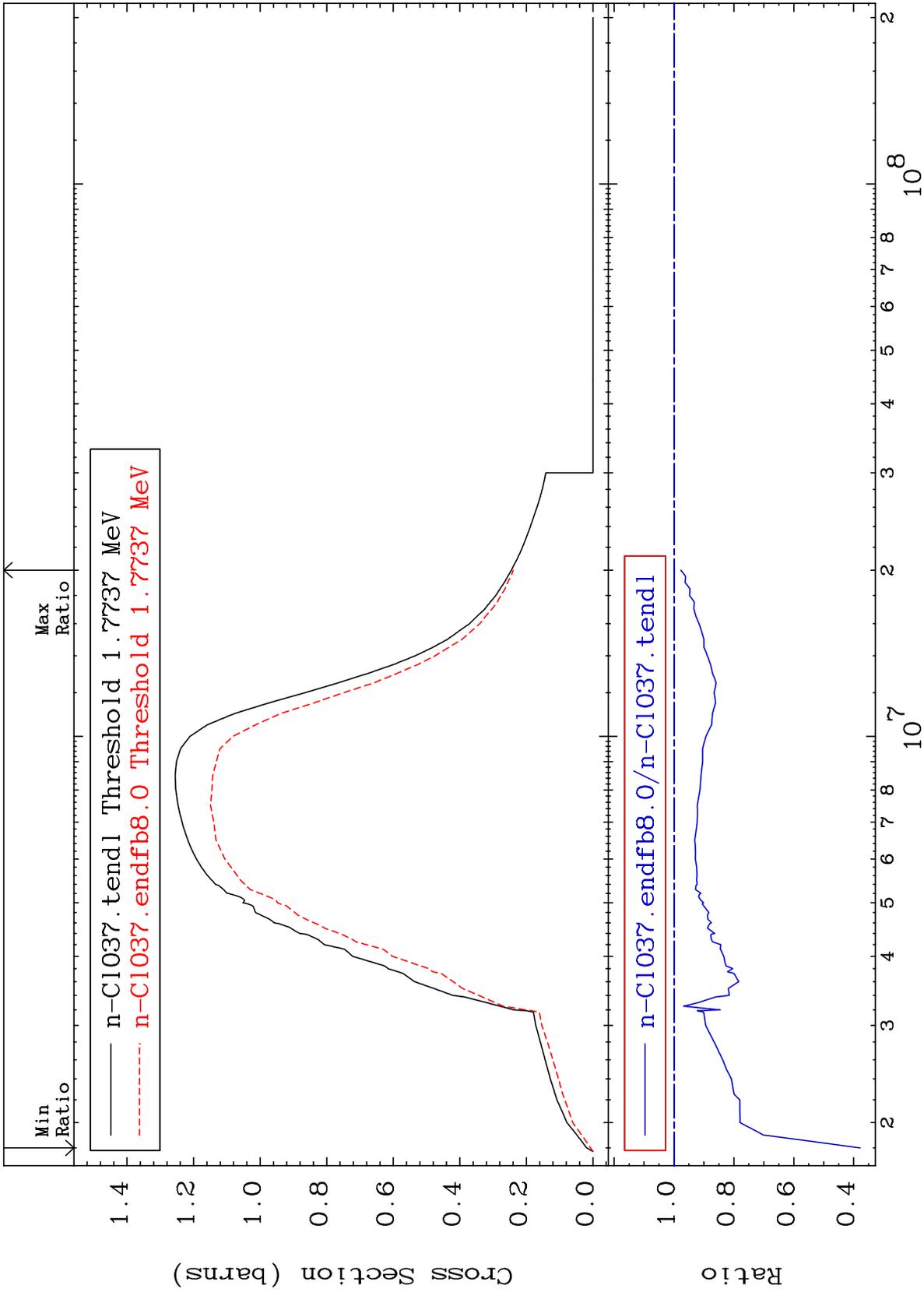
2

17-C1-37

MAT 1731

Inelastic  
Cross Section

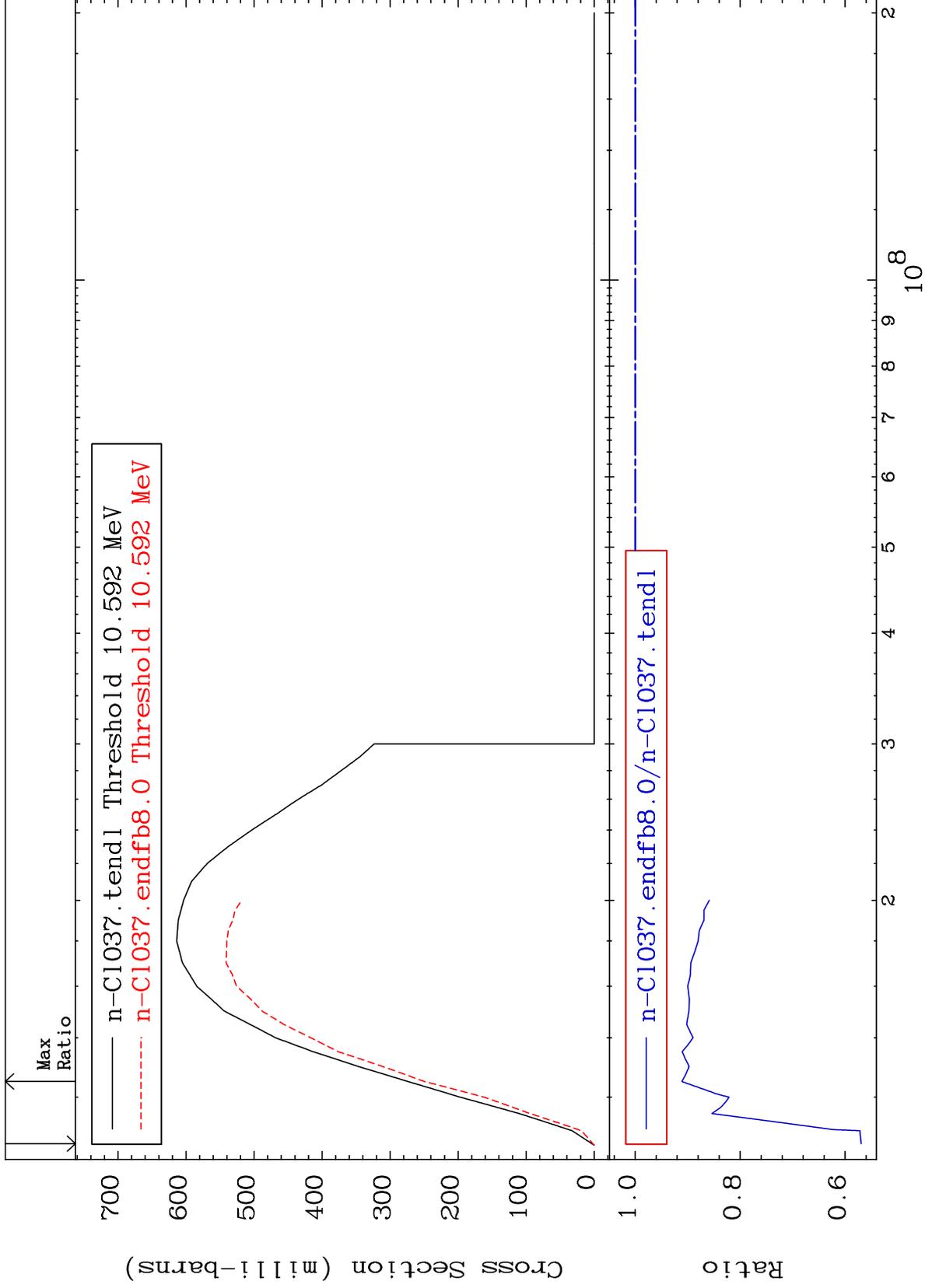
17-Cl-37  
-62.13 To -2.264%

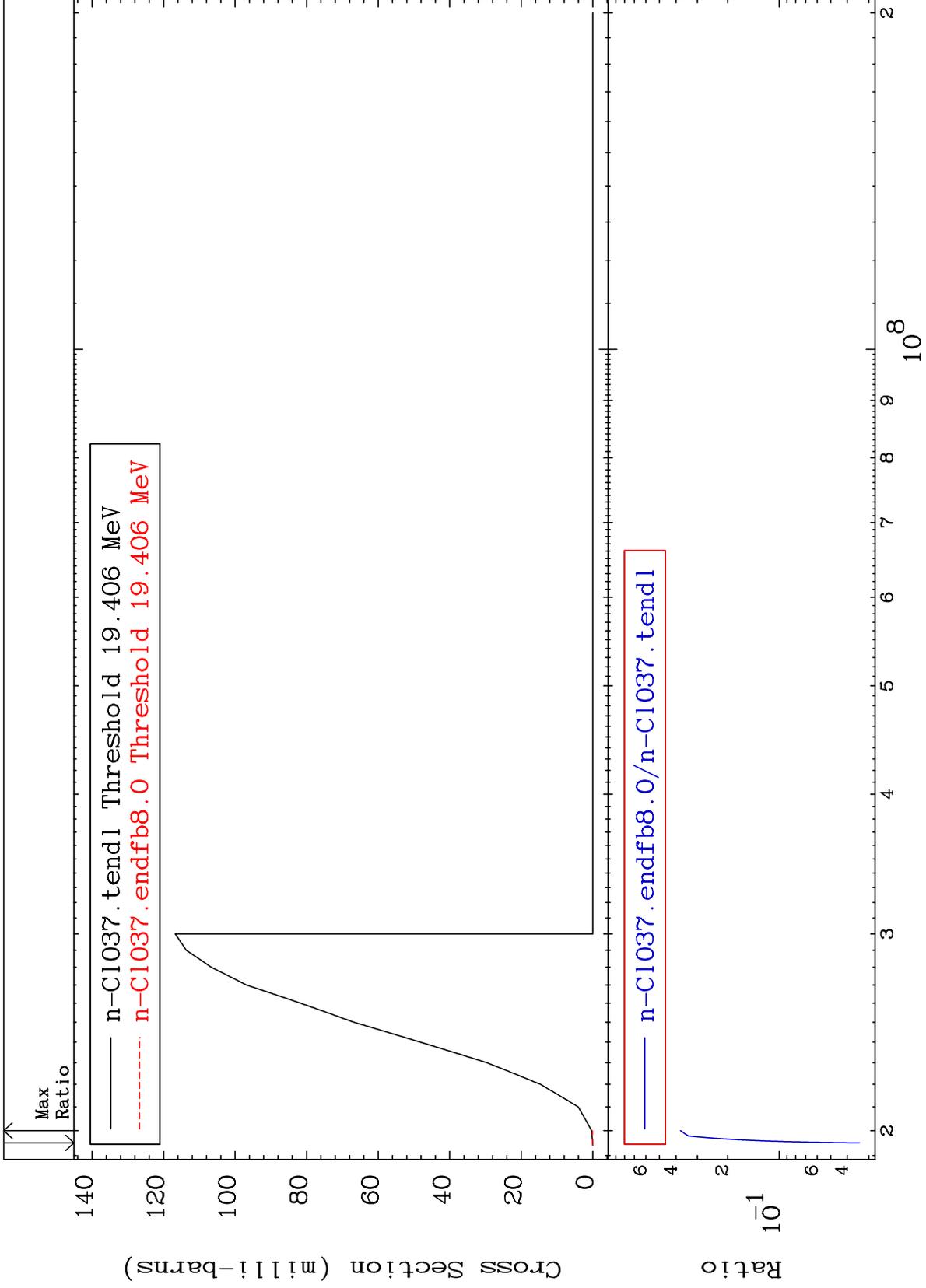


MAT 1731

(n,2n)  
Cross Section

17-Cl-37  
-43.05 To -8.904%

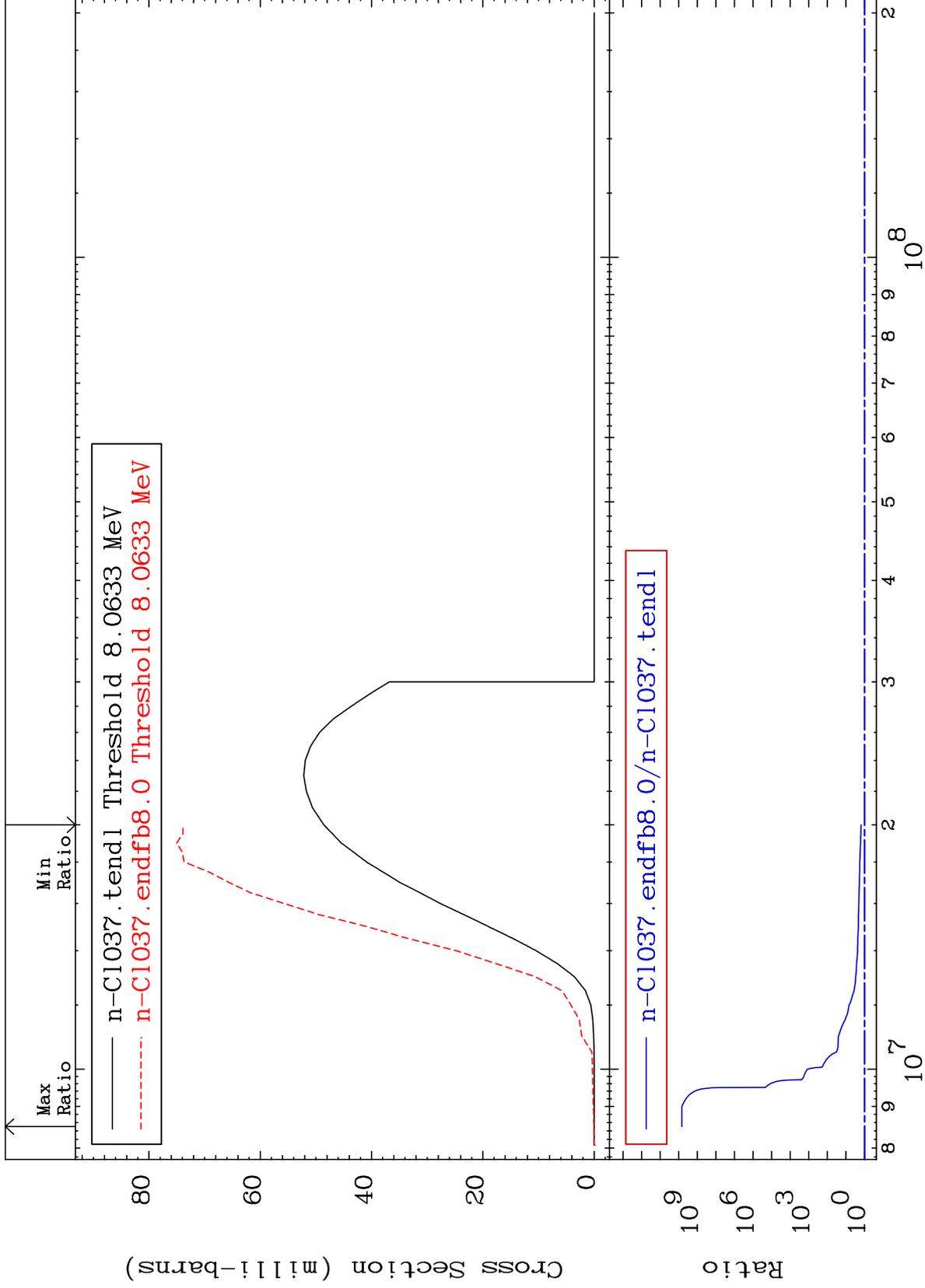




MAT 1731

(n,n')  $\alpha$   
Cross Section

17-Cl-37  
52.13 To 9999. %



6

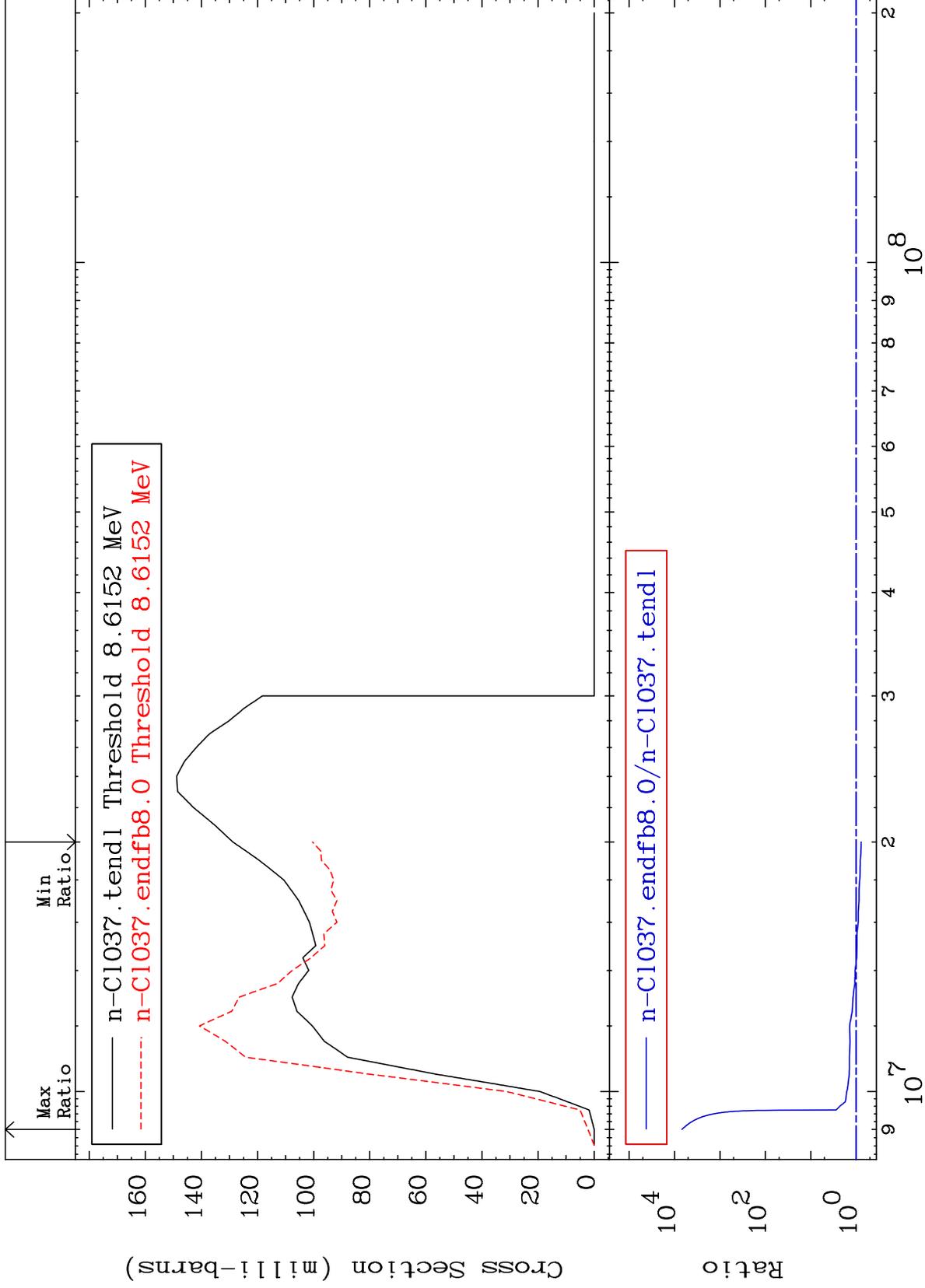
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,n') p  
Cross Section

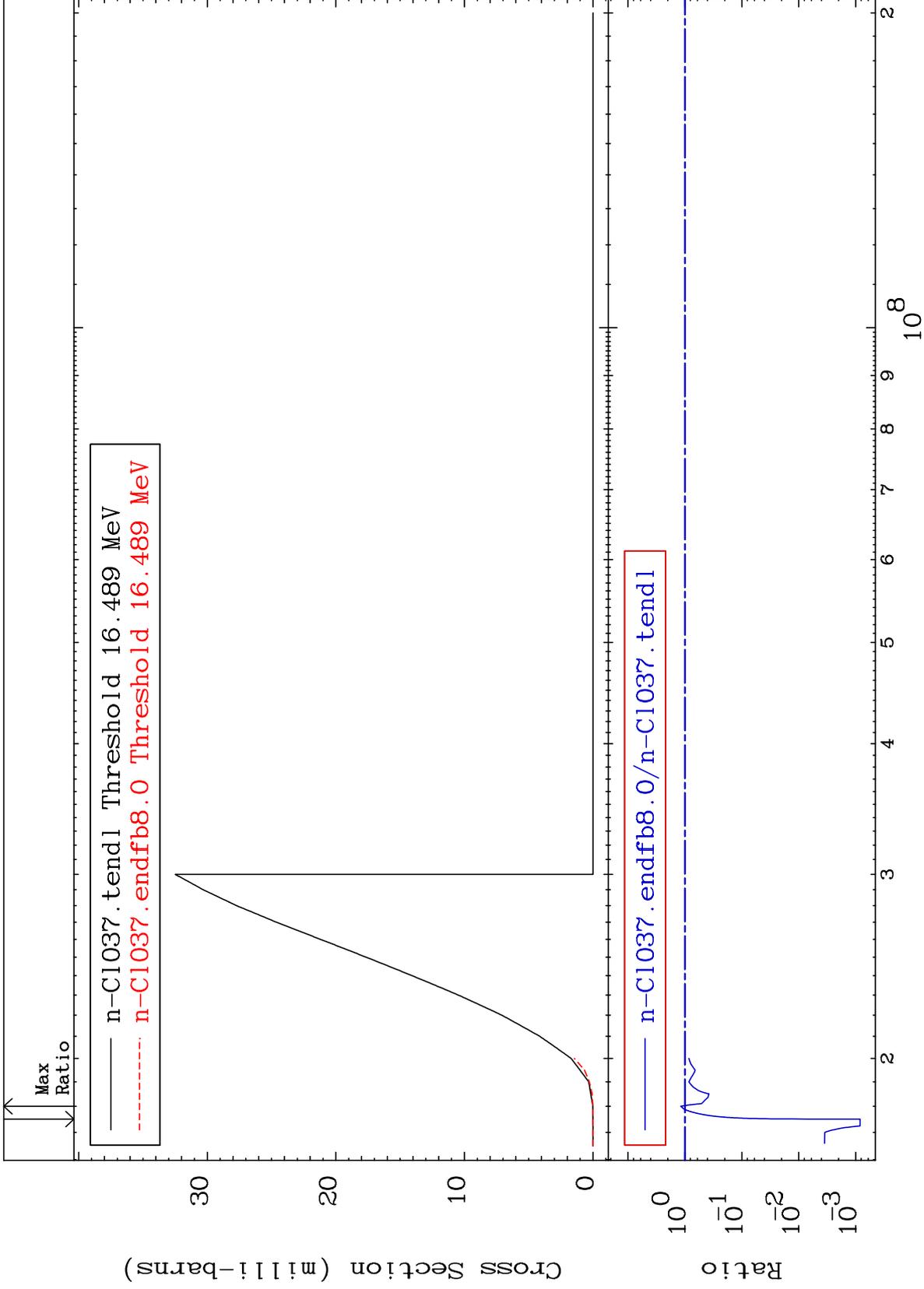
17-Cl-37  
-22.06 To 9999. %



7

Incident Energy (eV)

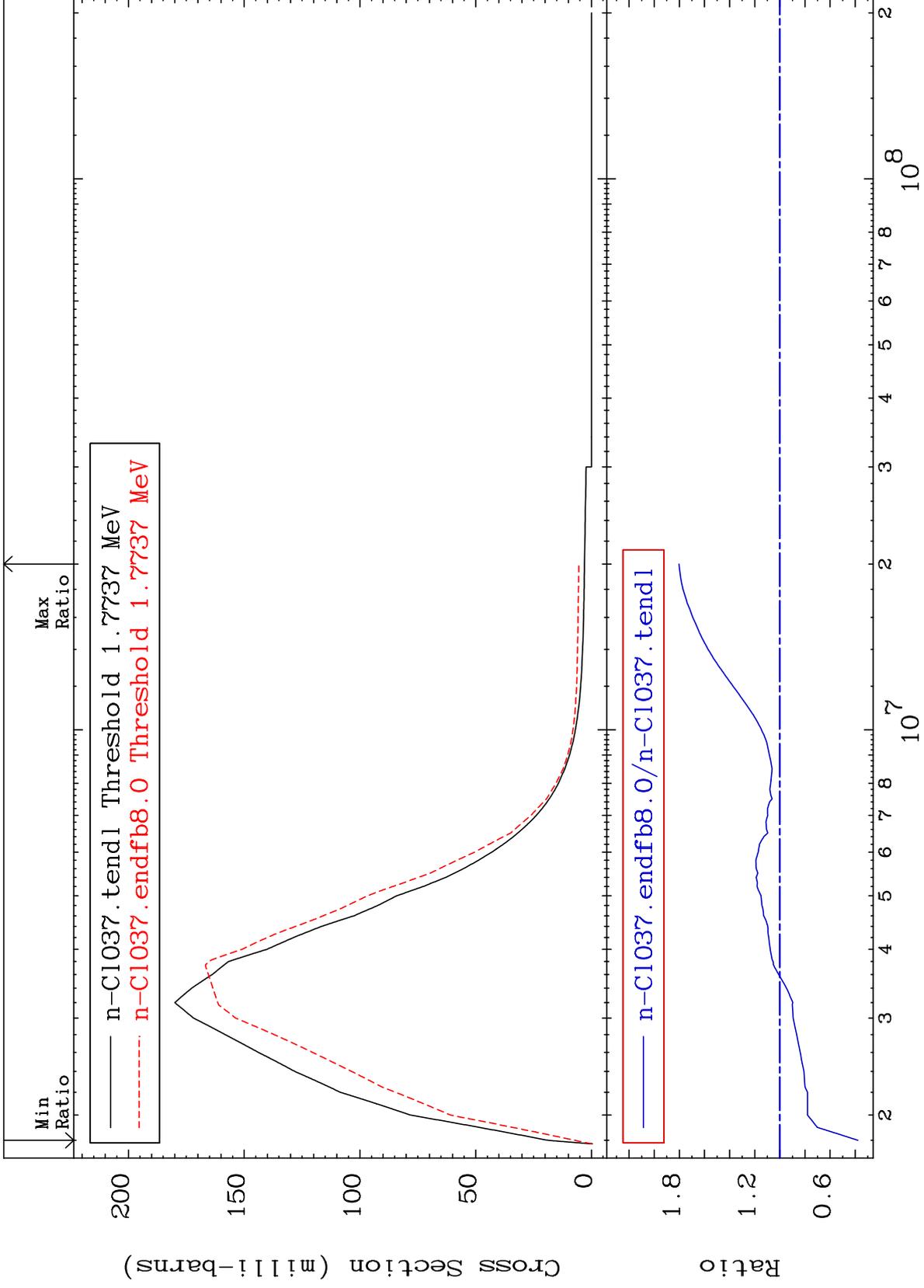
17-Cl-37



MAT 1731

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

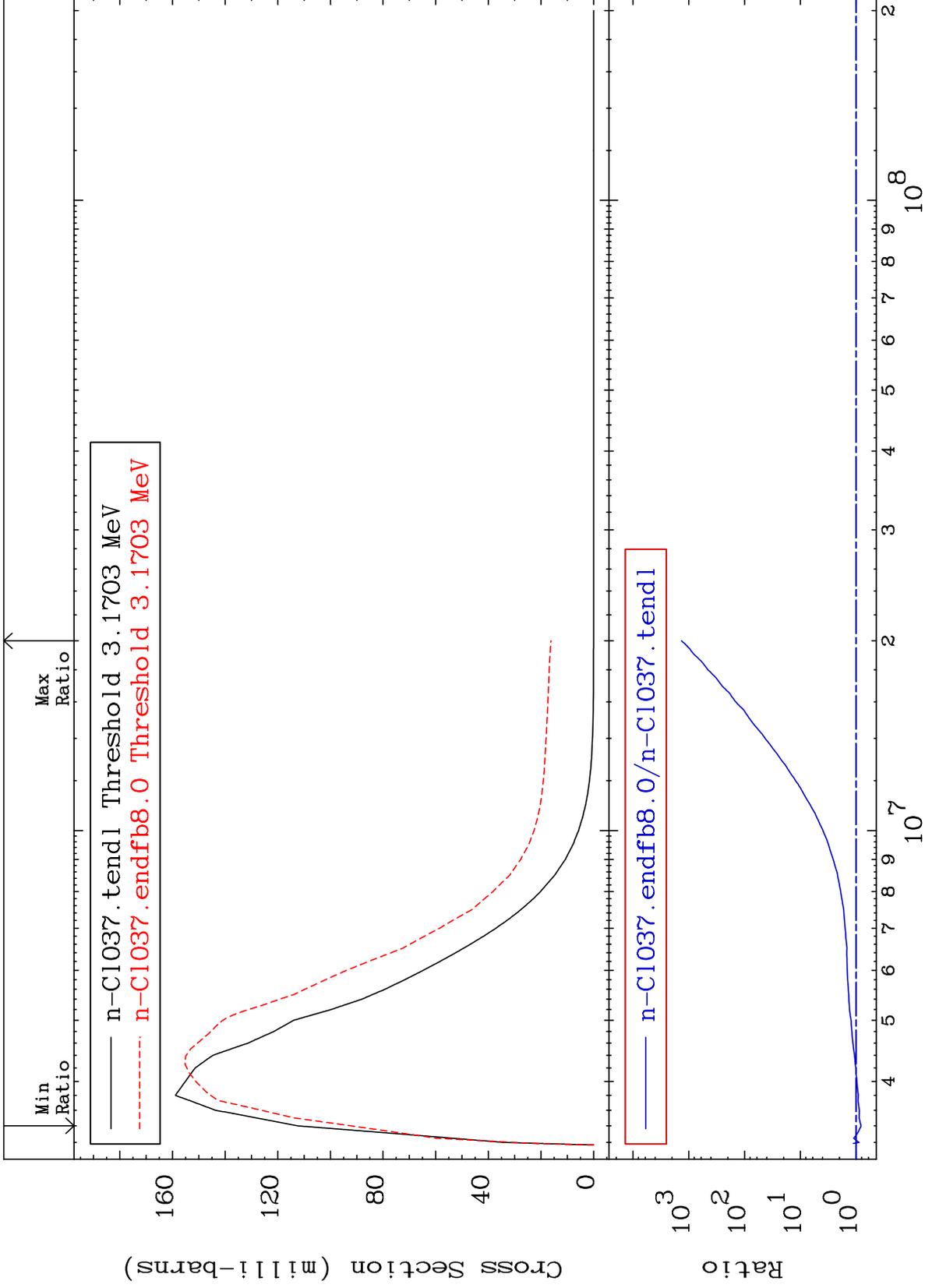
17-Cl-37  
-62.13 To 80.22 %



MAT 1731

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

17-Cl-37  
-18.08 To 9999. %



10

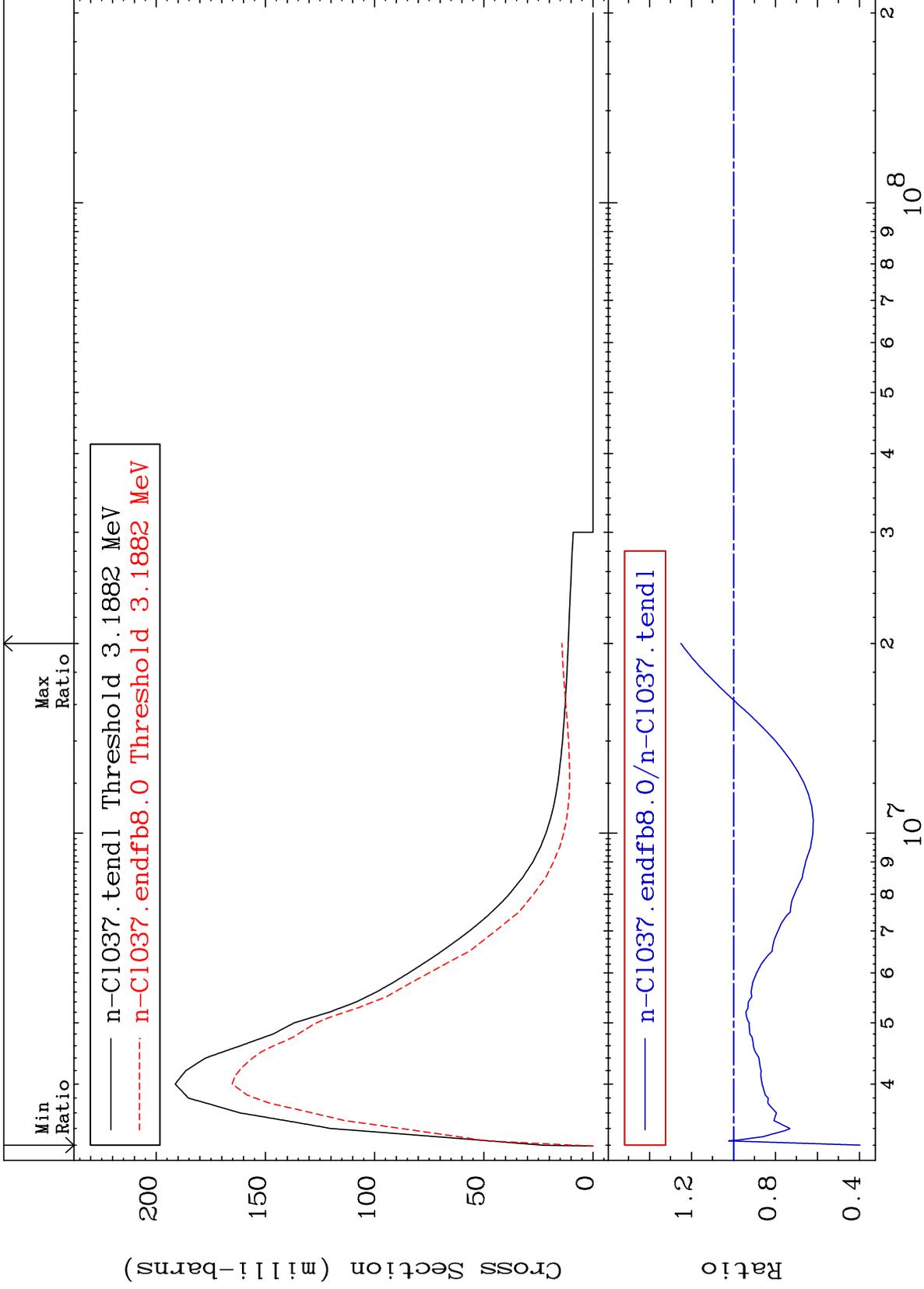
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37  
-60.31 To 25.11 %



11

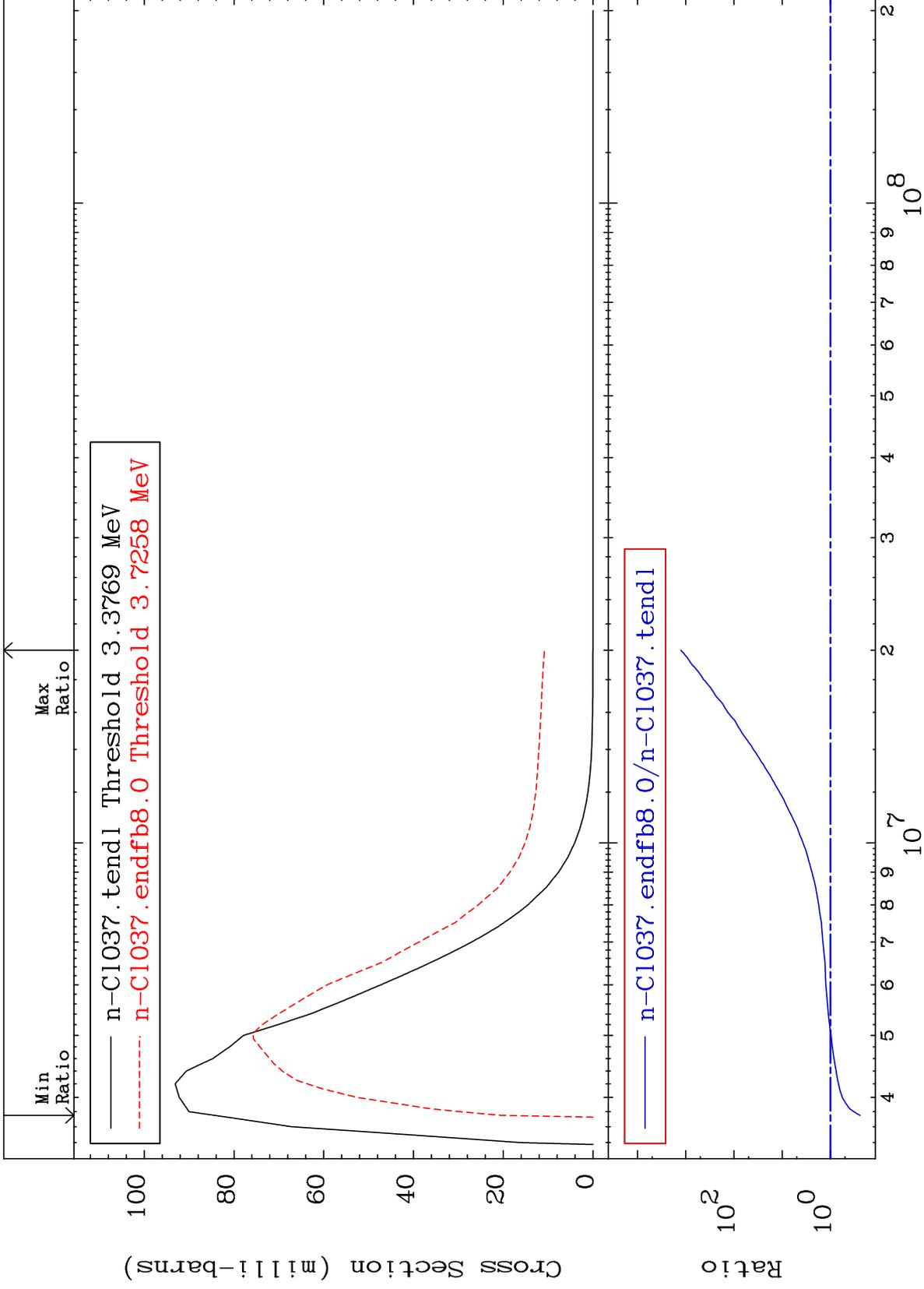
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37  
-75.59 To 9999. %



12

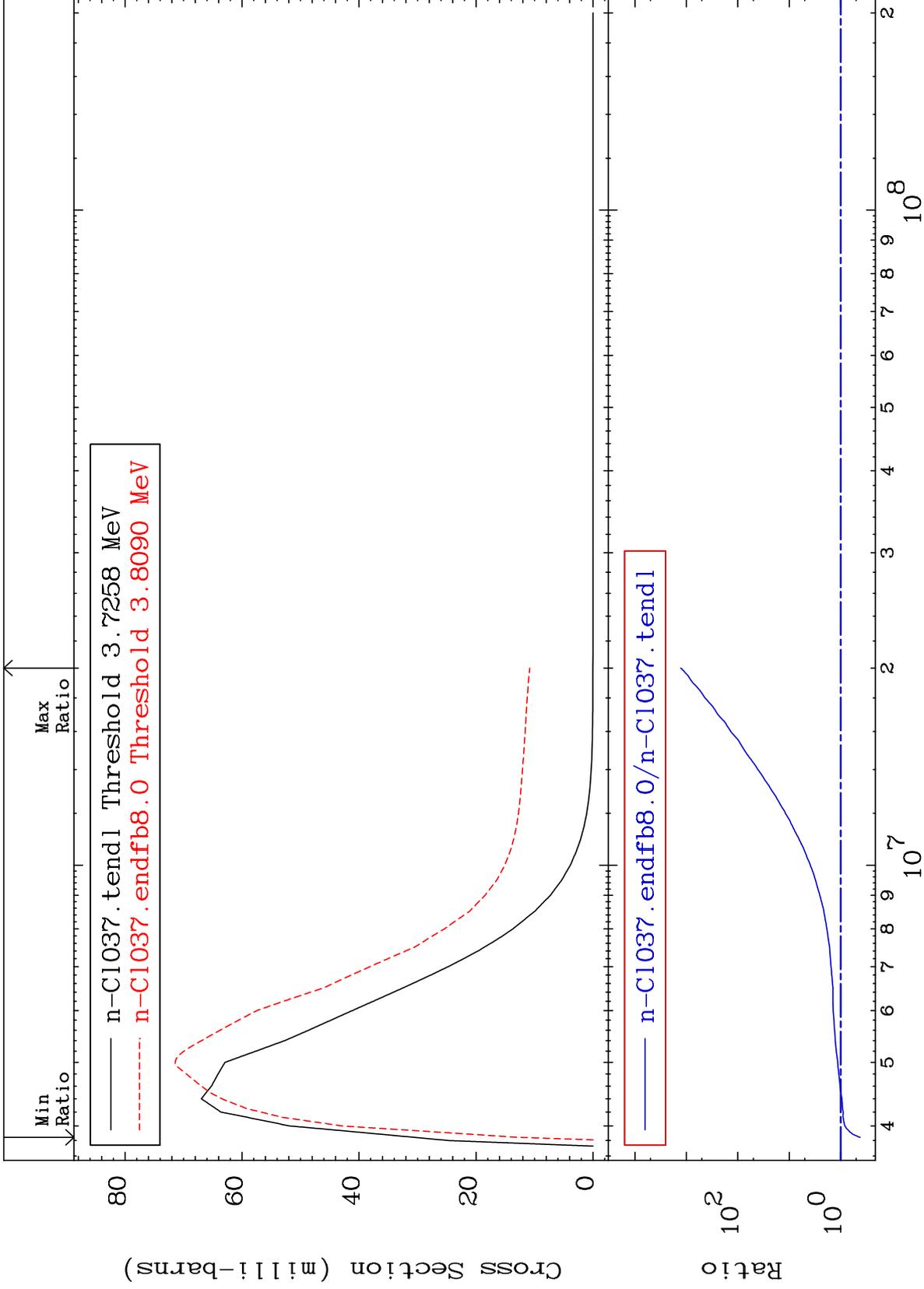
17-Cl-37

17-Cl-37

MAT 1731

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

17-Cl-37  
-58.15 To 9999. %



13

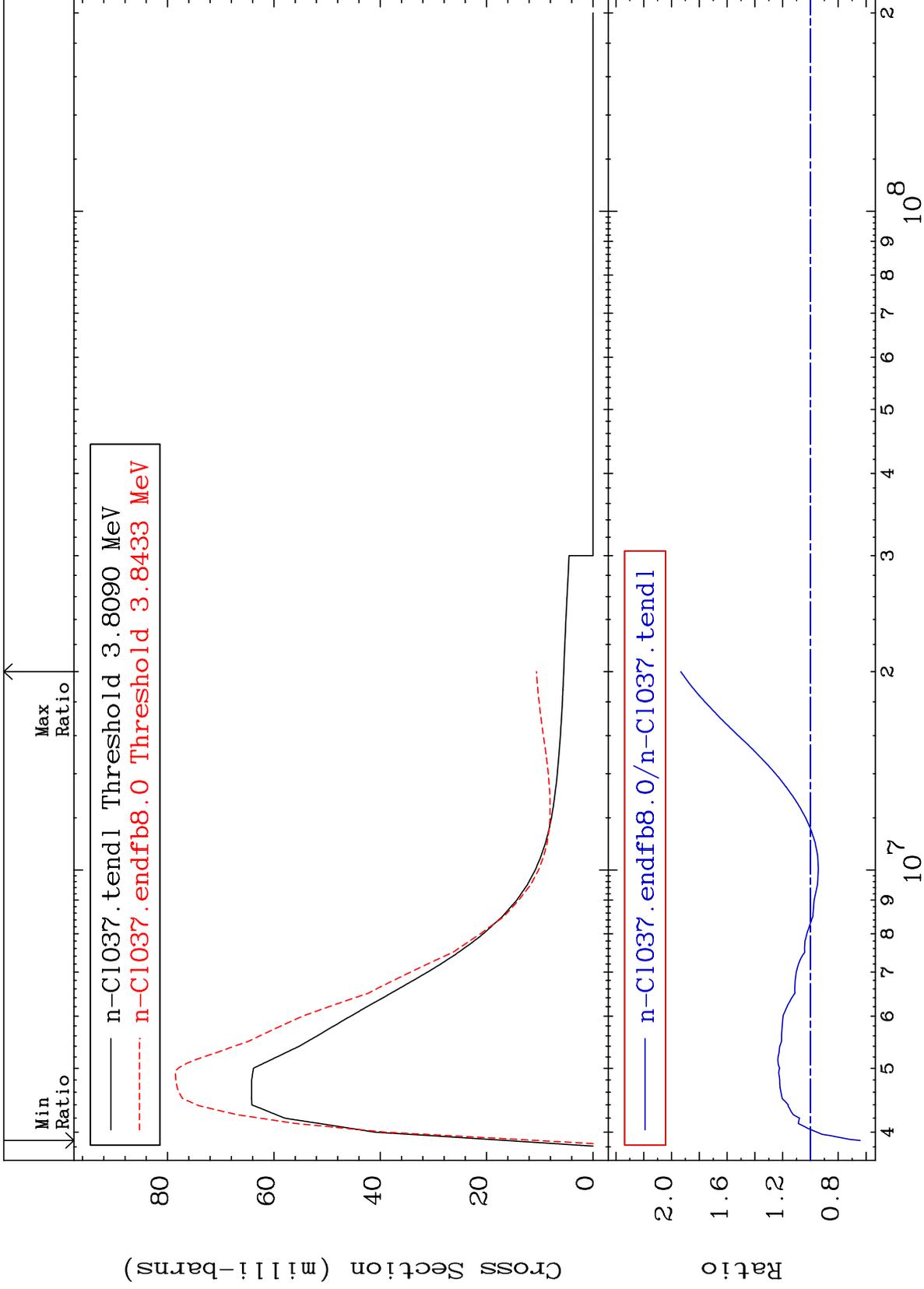
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37  
-35.71 To 93.35 %



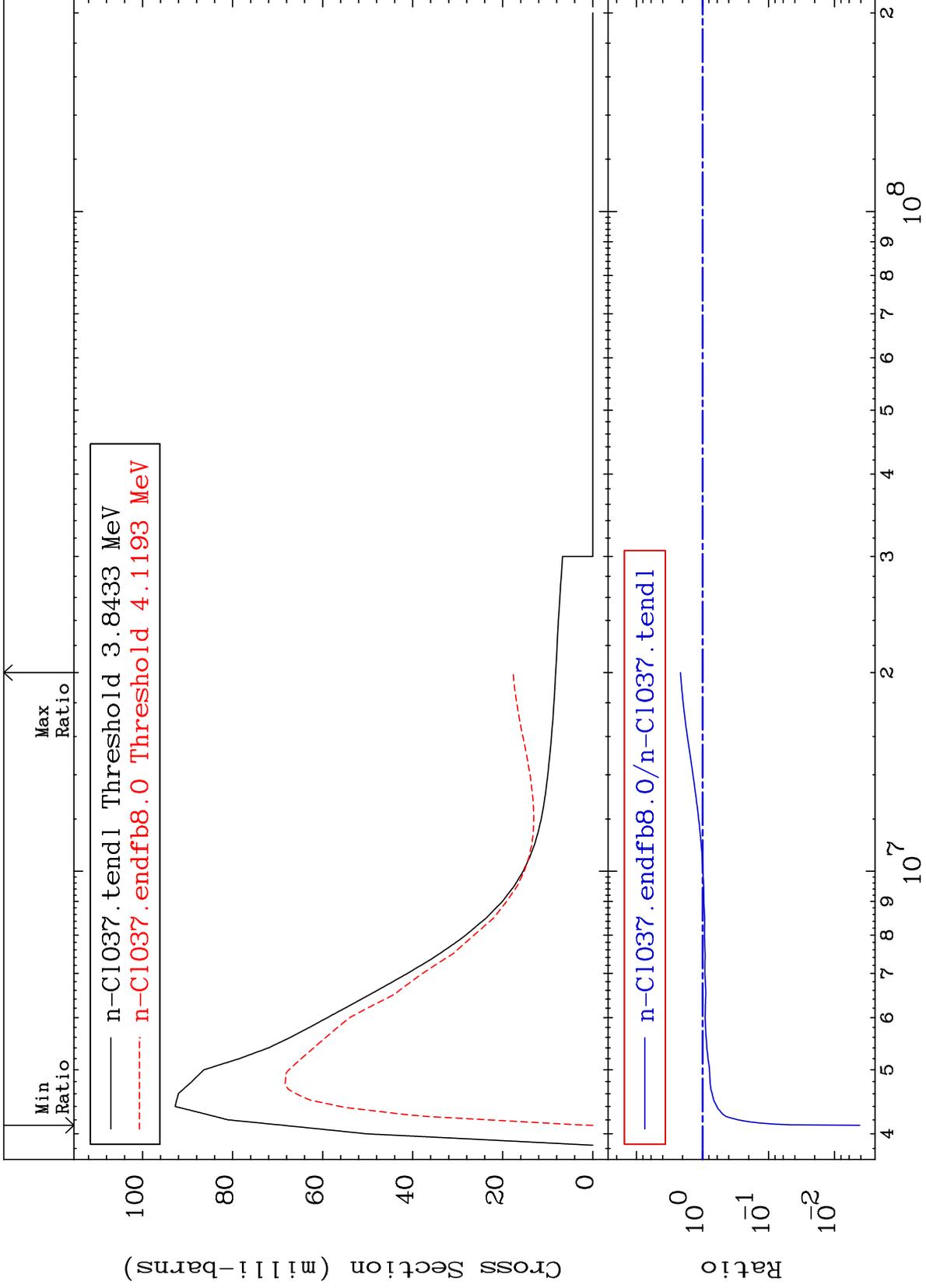
14

17-Cl-37

MAT 1731

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

17-Cl-37  
-99.58 To 115.3 %



15

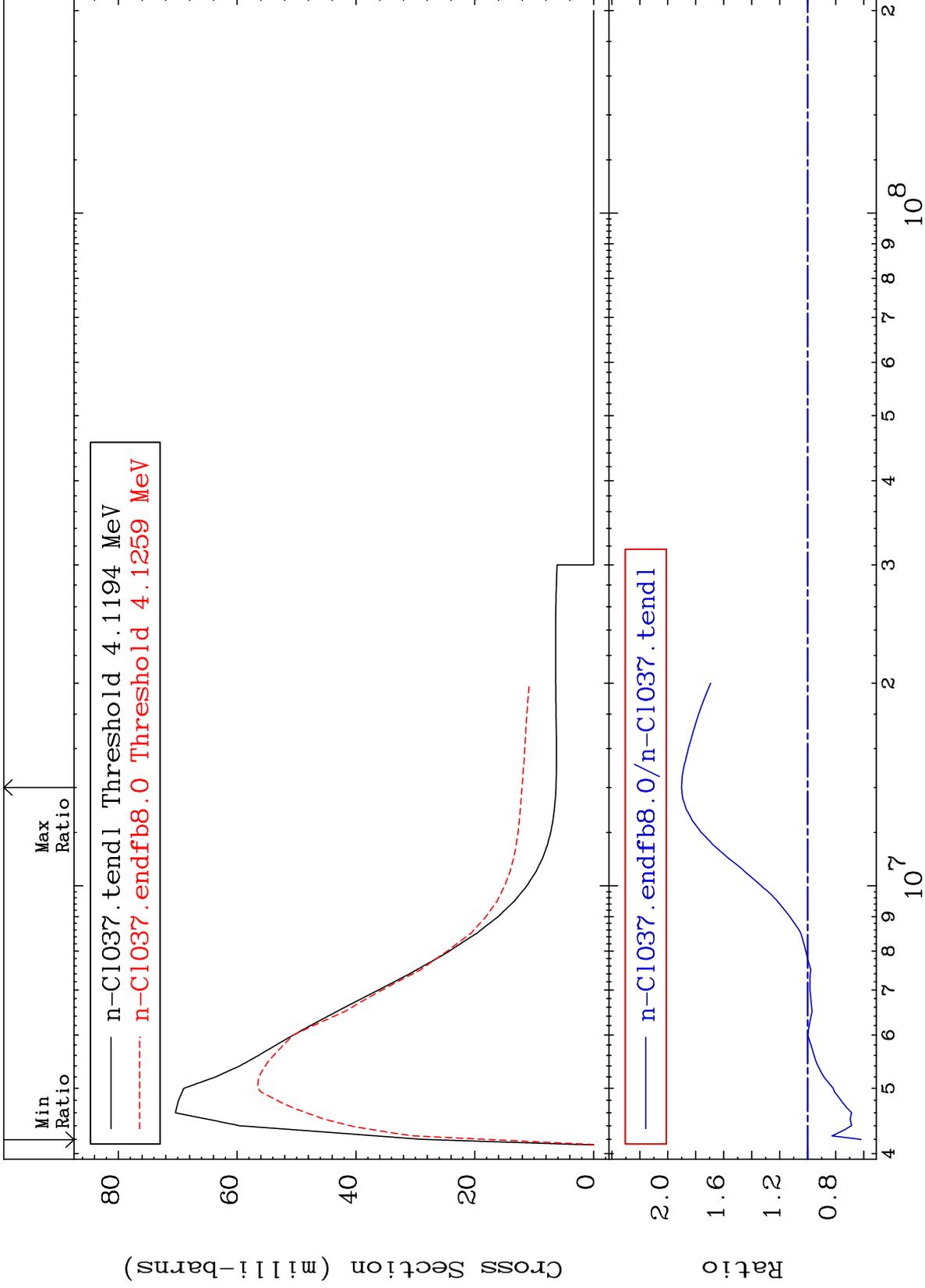
Incident Energy (eV)

17-Cl-37

MAT 1731

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

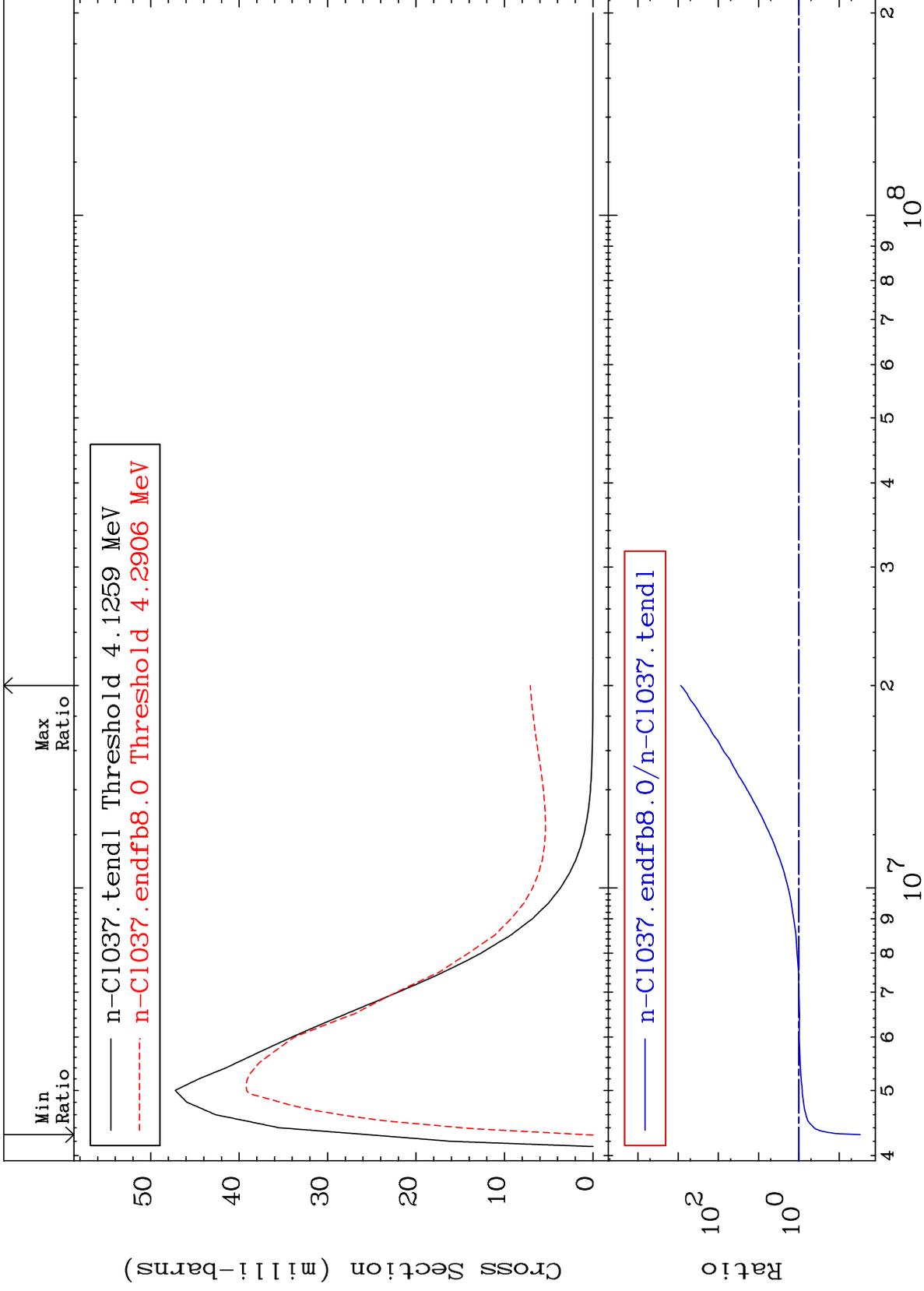
17-Cl-37  
-38.05 To 90.19 %



16

Incident Energy (eV)

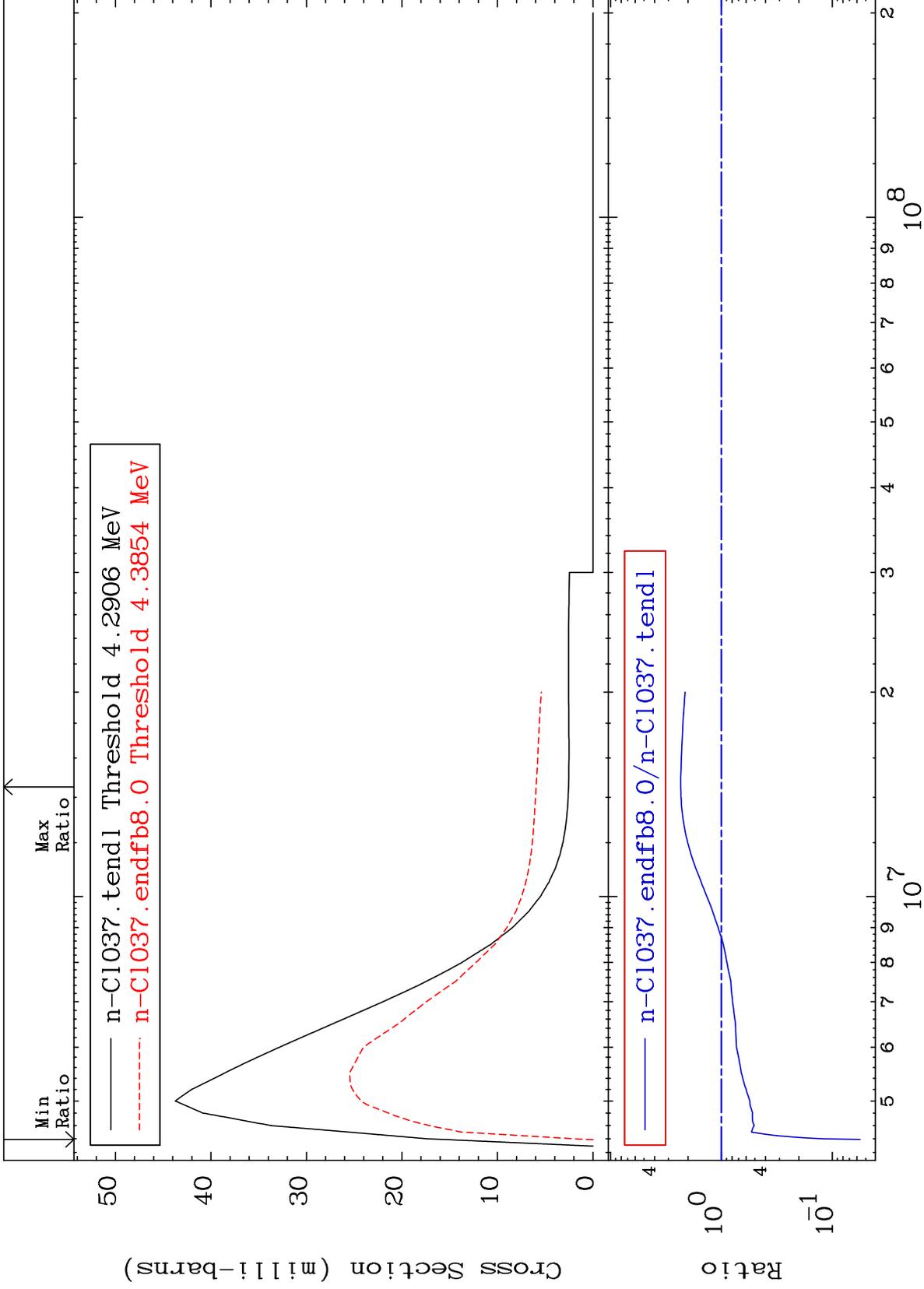
17-Cl-37



MAT 1731

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

17-Cl-37  
-94.38 To 132.5 %



18

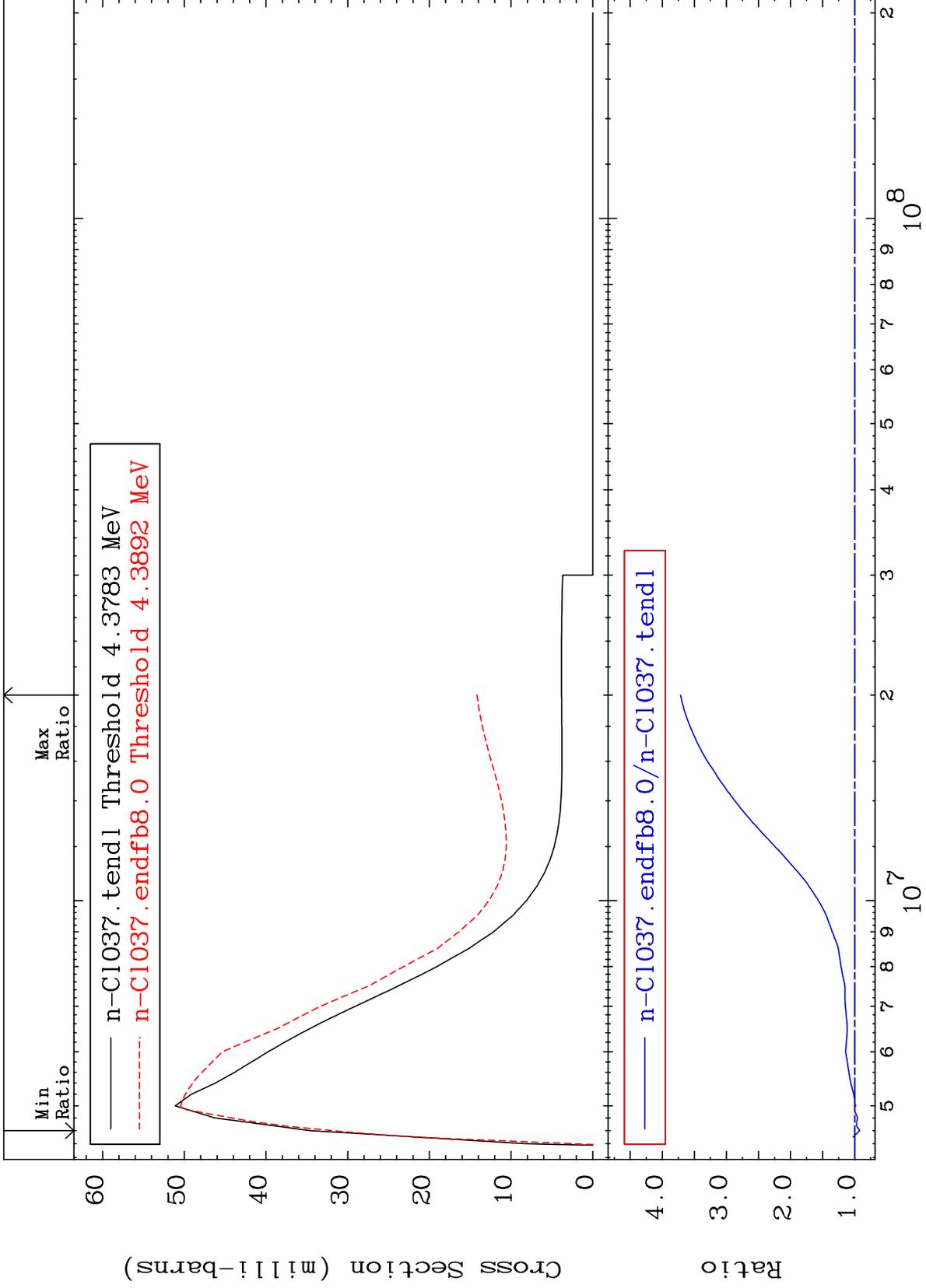
Incident Energy (eV)

17-Cl-37

MAT 1731

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

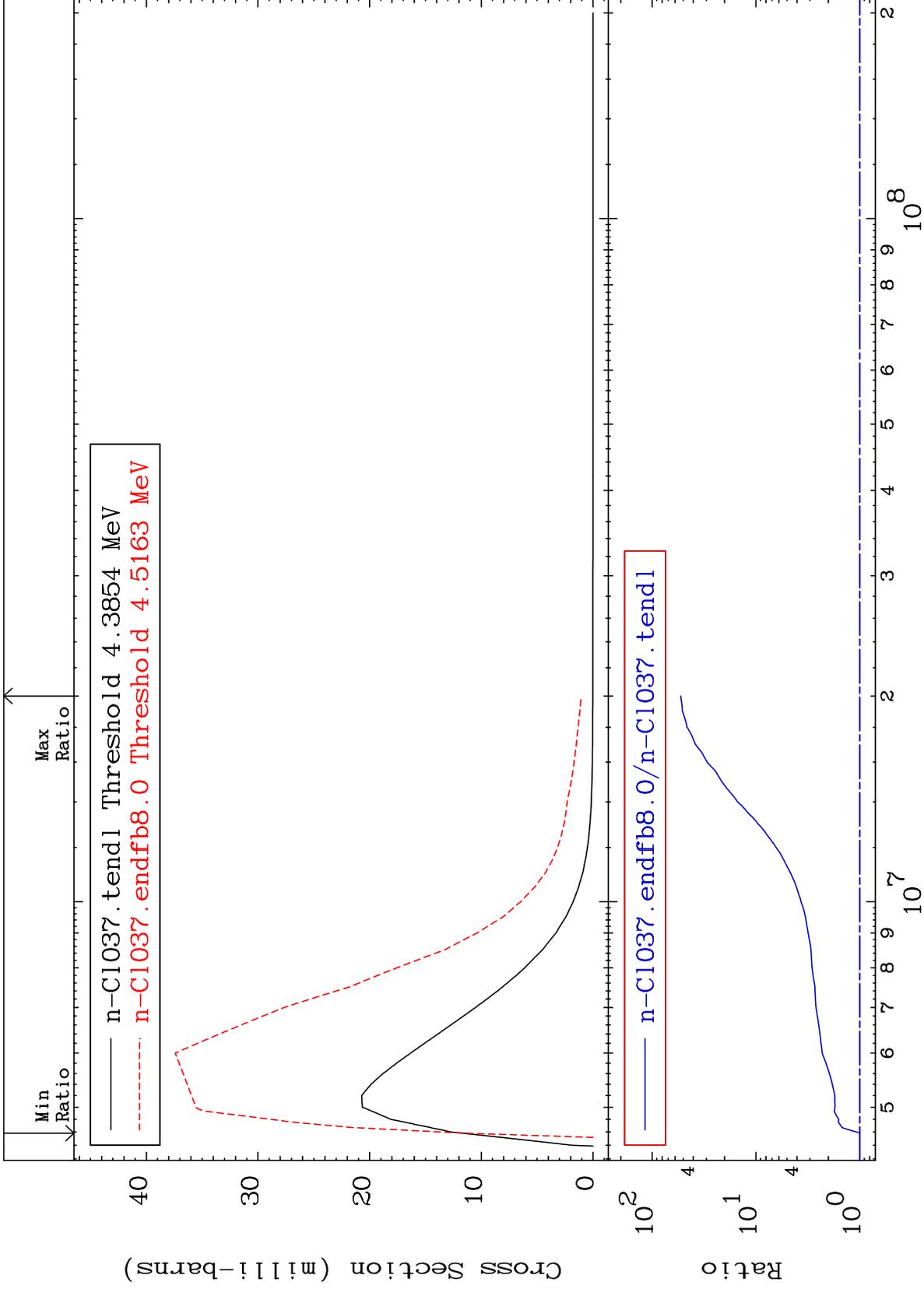
17-Cl-37  
-7.932 To 271.6 %



MAT 1731

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

17-Cl-37  
-1.137 To 5187. %



20

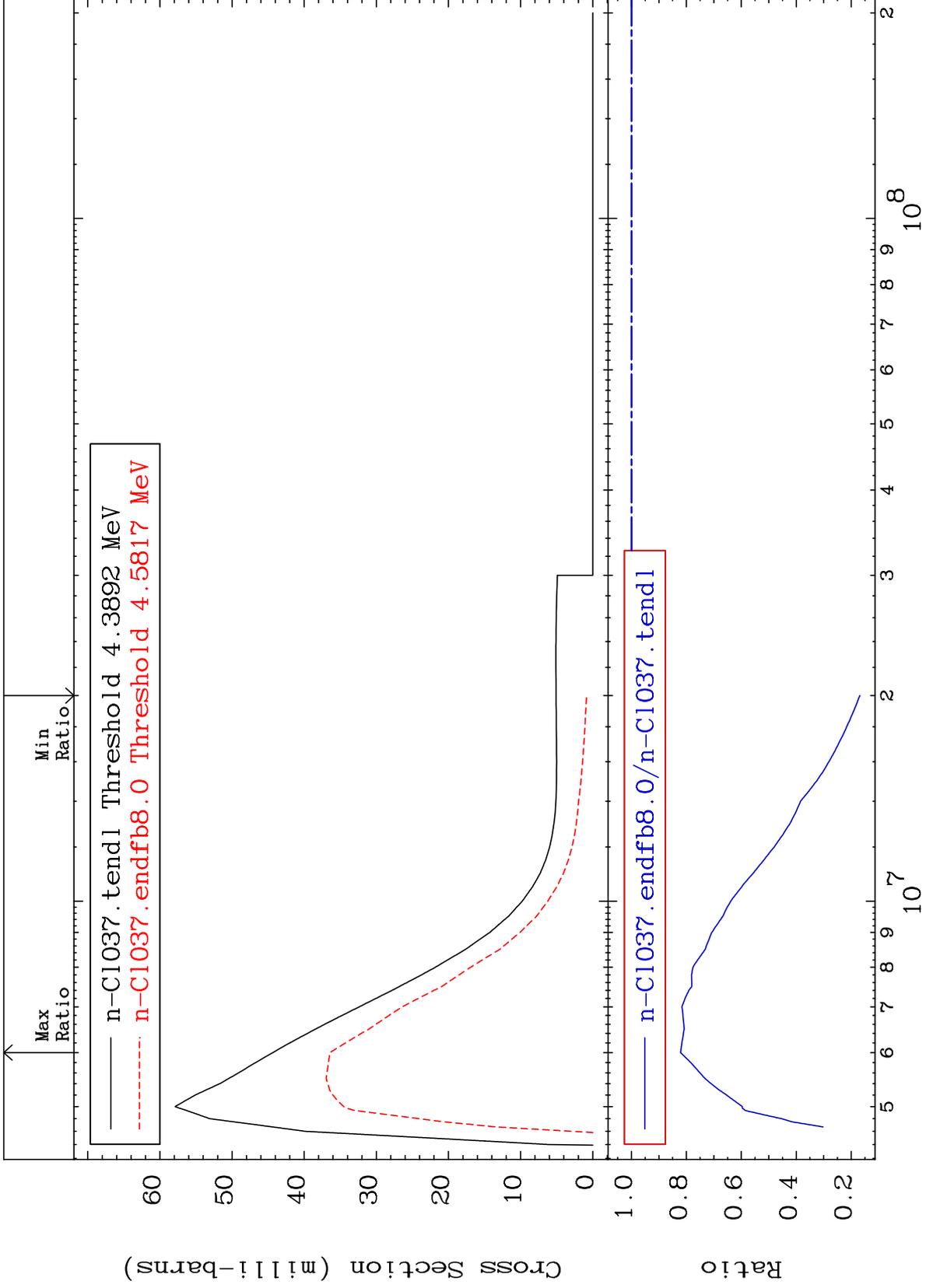
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37  
-83.13 To -17.87%



21

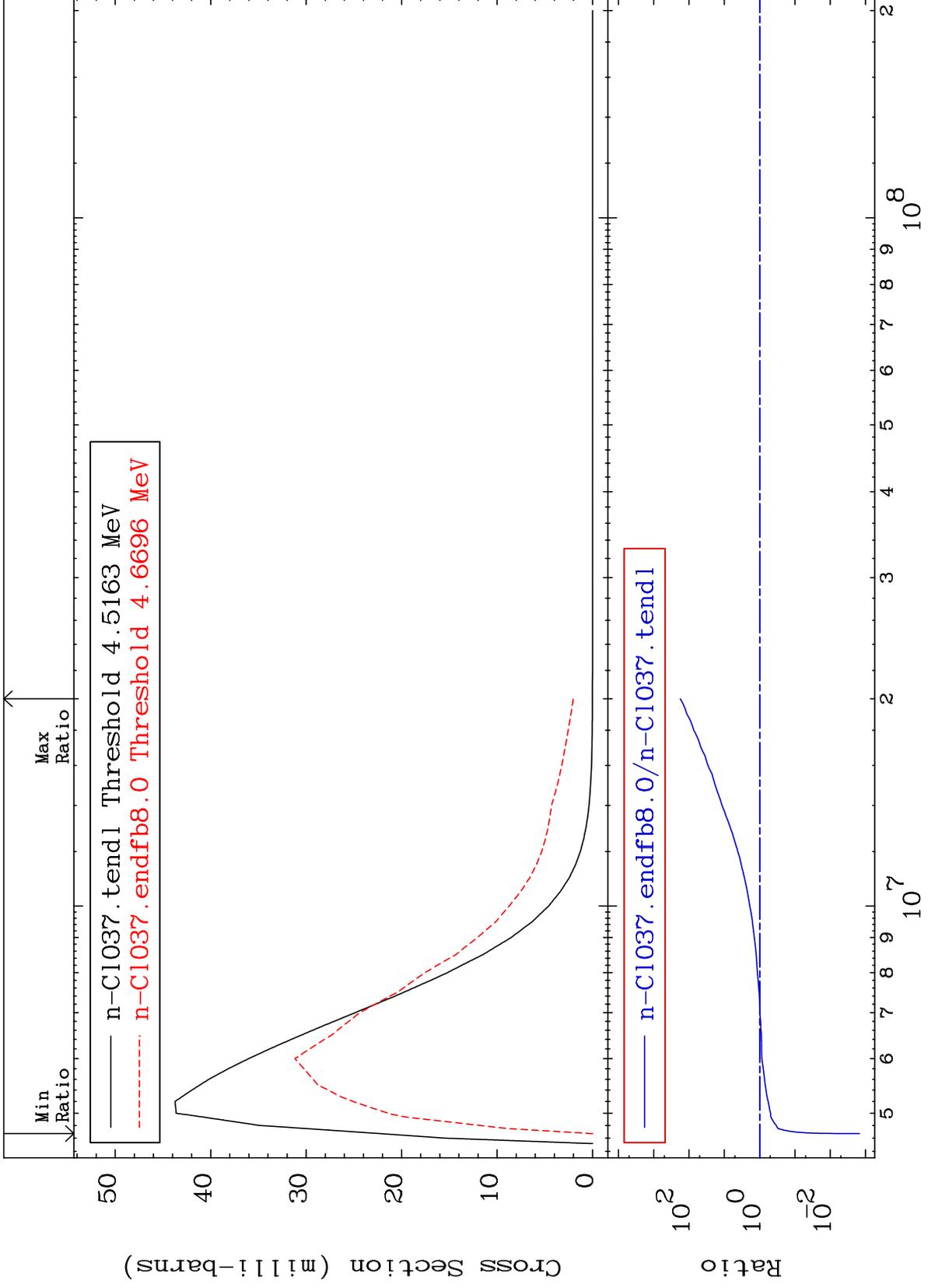
Incident Energy (eV)

17-Cl-37

MAT 1731

MT= 64 (n,n') Level  
Cross Section

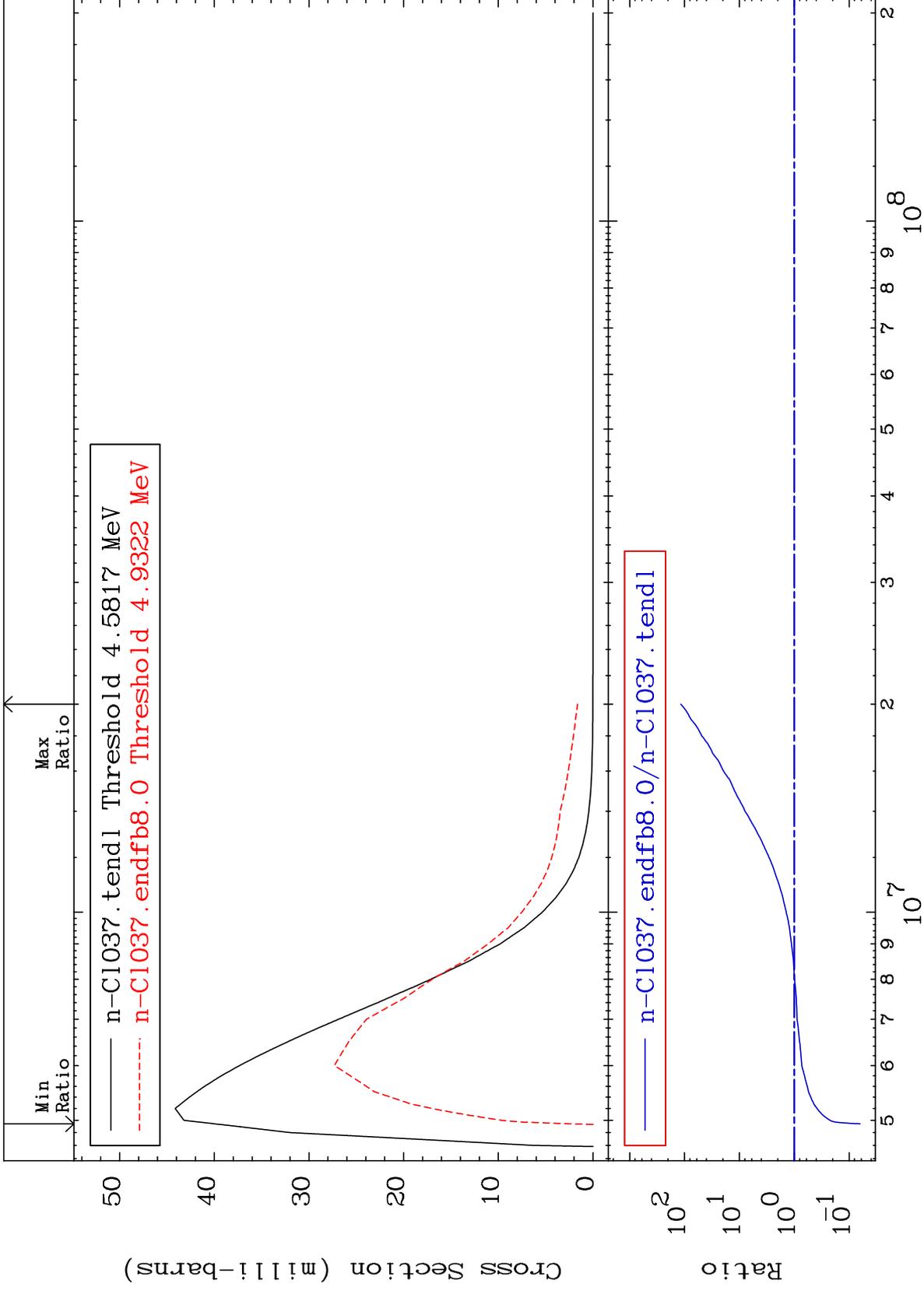
17-Cl-37  
-99.85 To 9999. %



22

Incident Energy (eV)

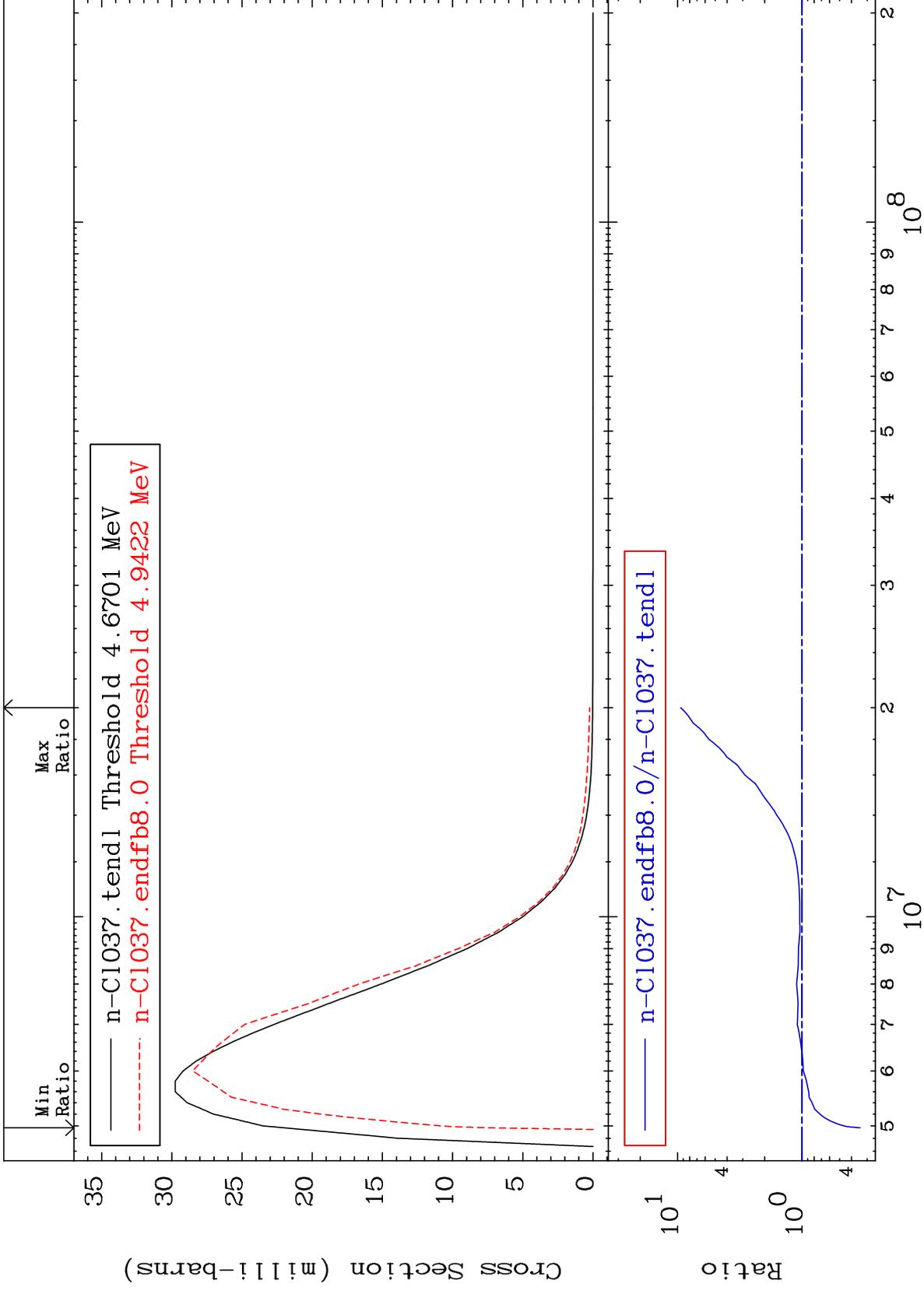
17-Cl-37



MAT 1731

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

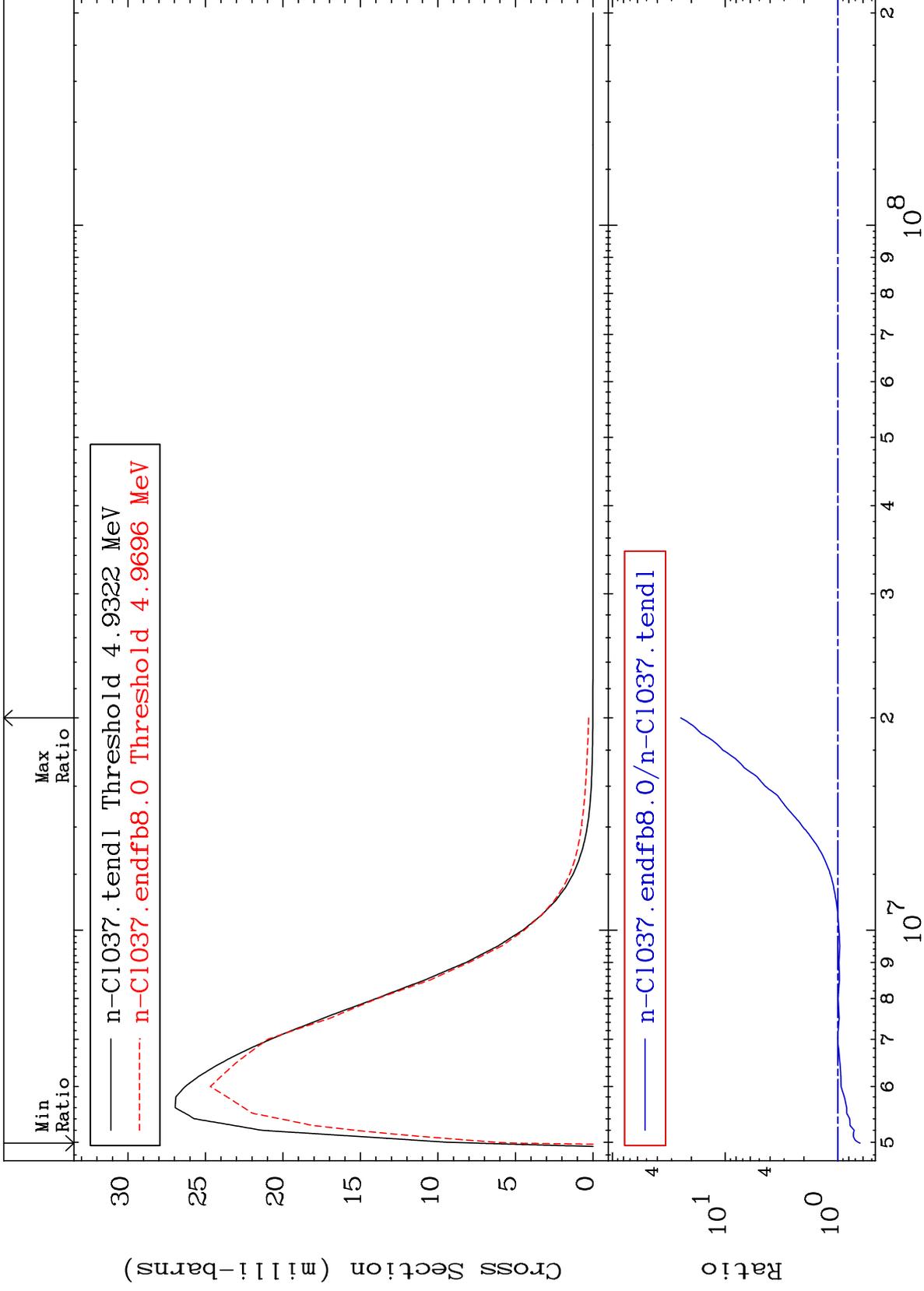
17-Cl-37  
-65.81 To 843.7 %



MAT 1731

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

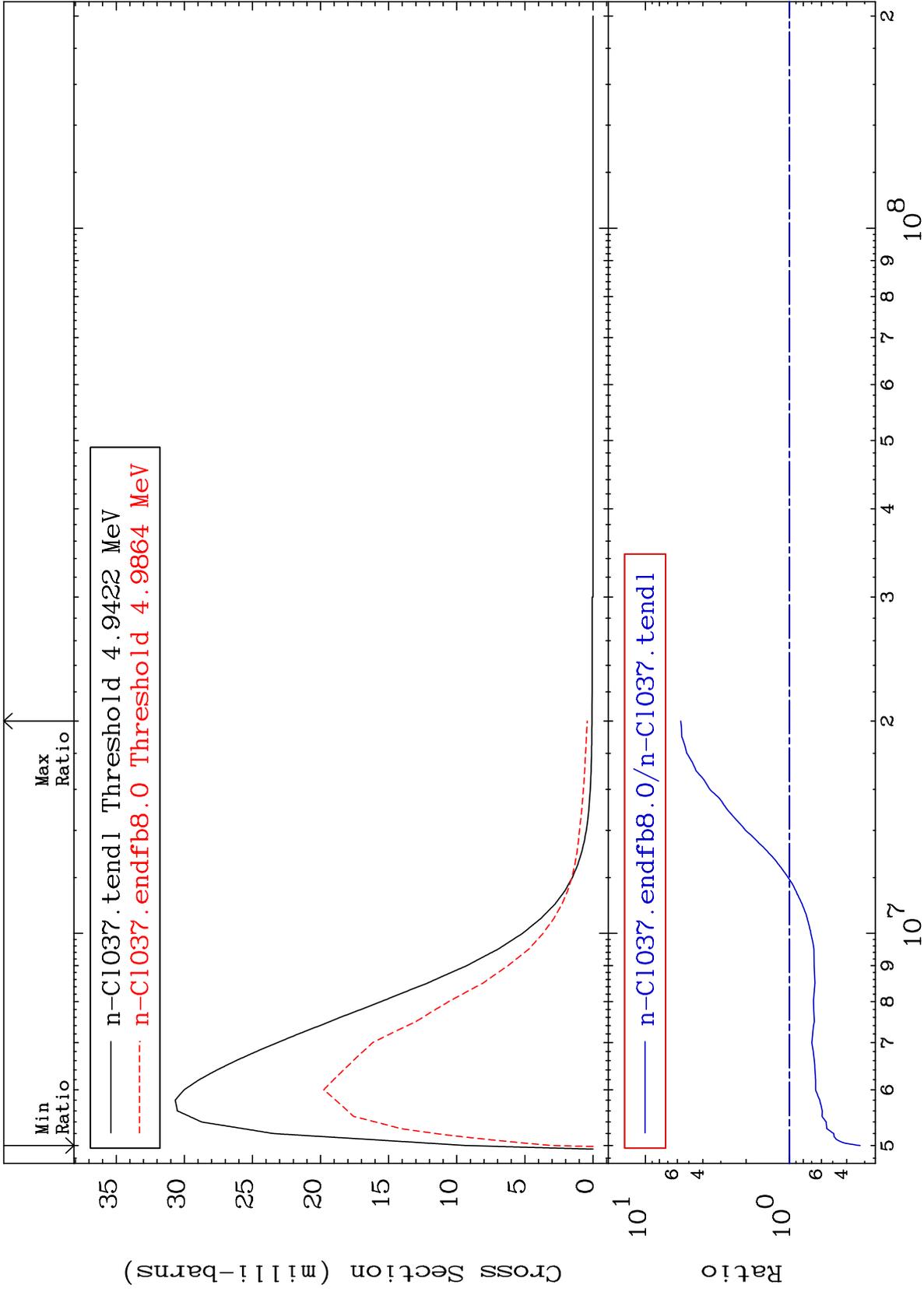
17-Cl-37  
-36.44 To 2379. %

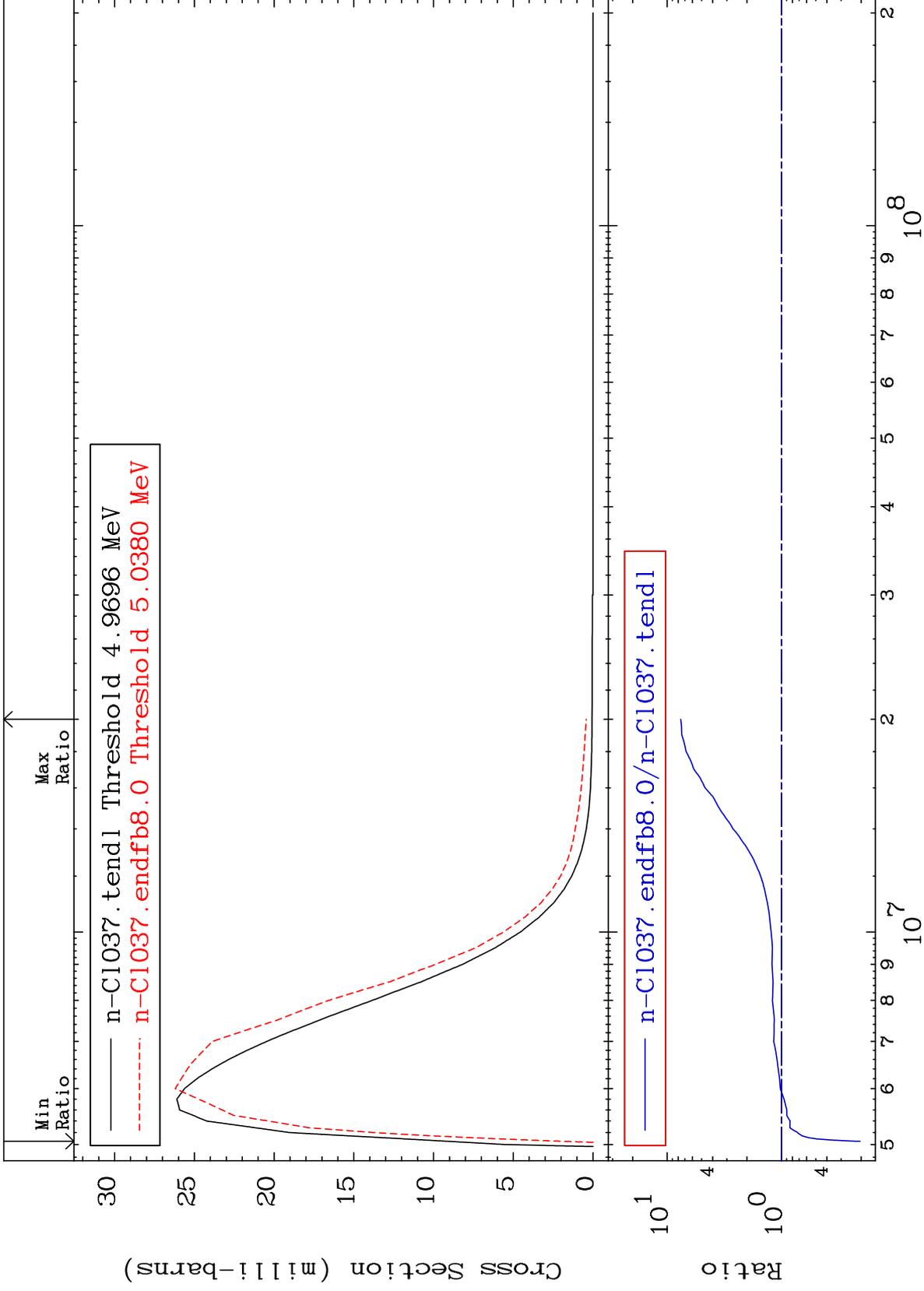


25

Incident Energy (eV)

17-Cl-37

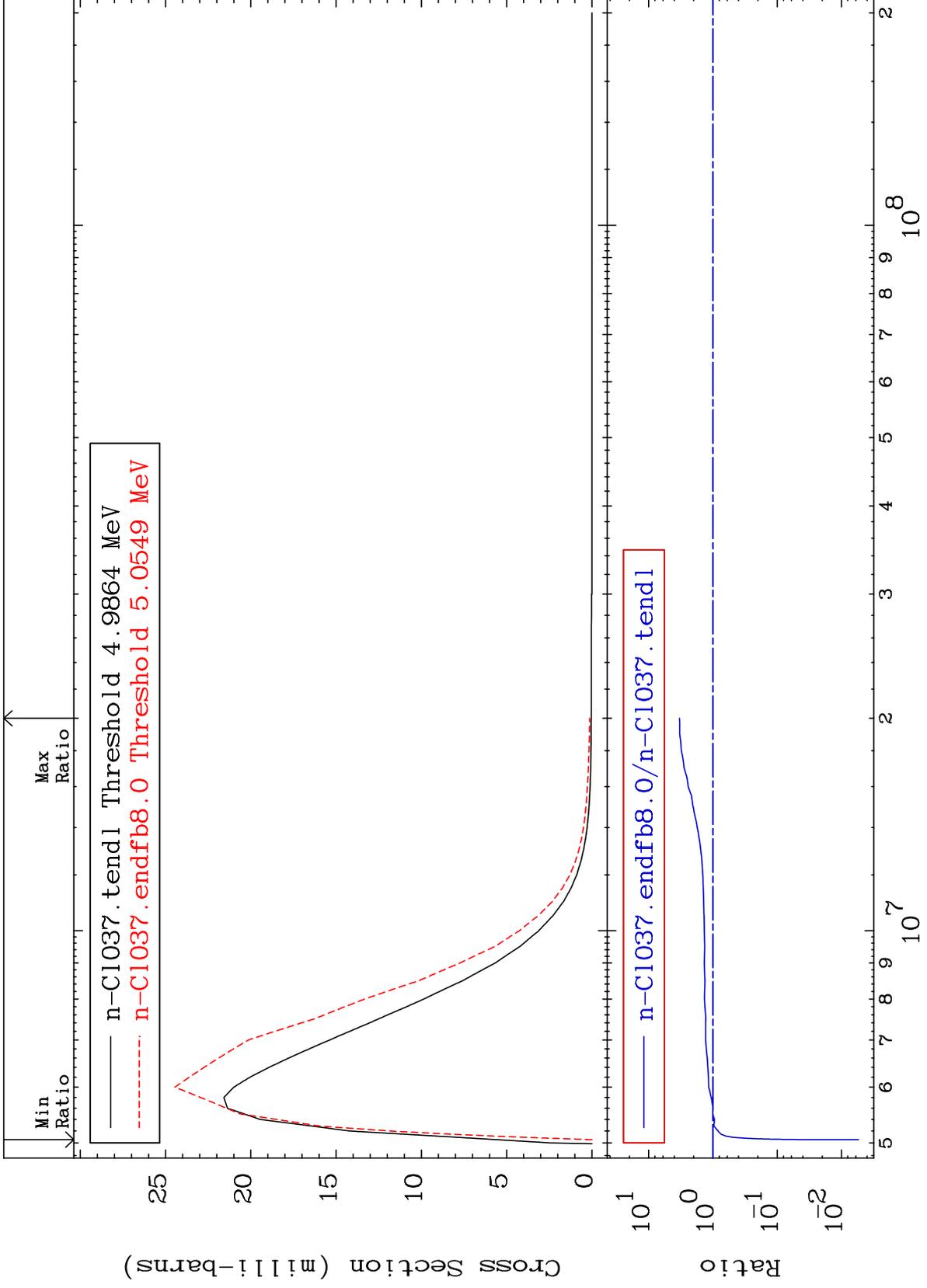


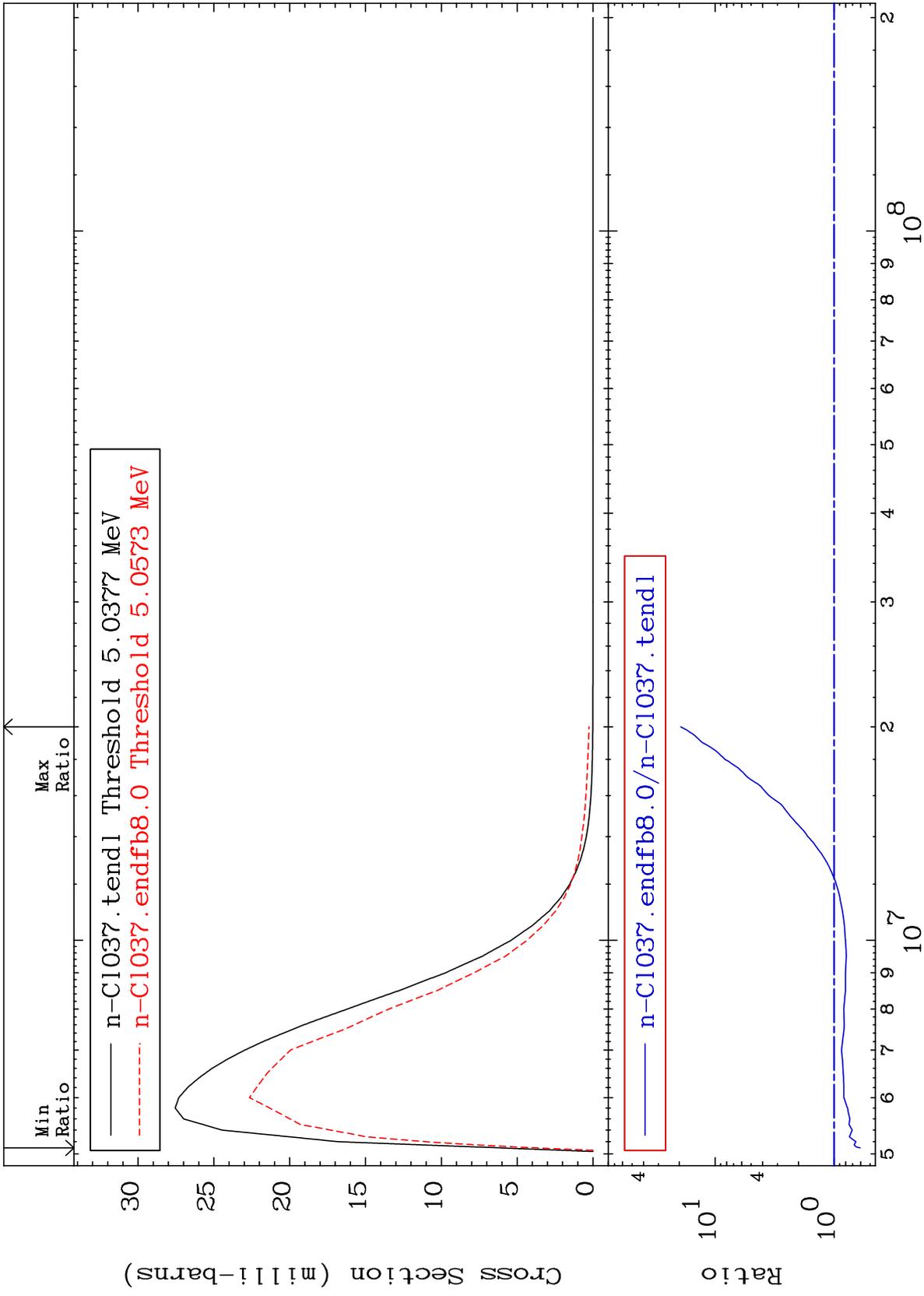


MAT 1731

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

17-Cl-37  
-99.46 To 231.6 %

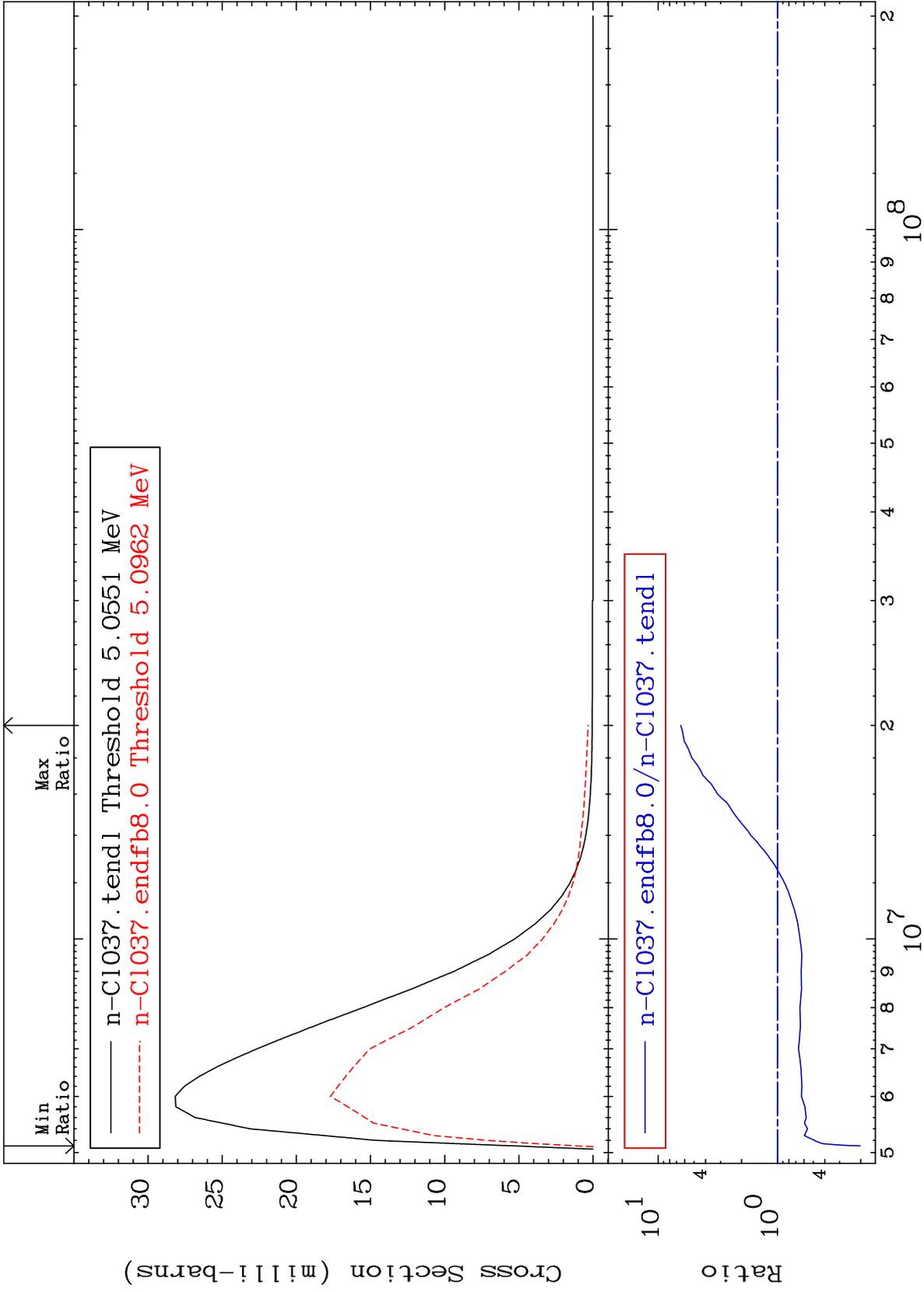




MAT 1731

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

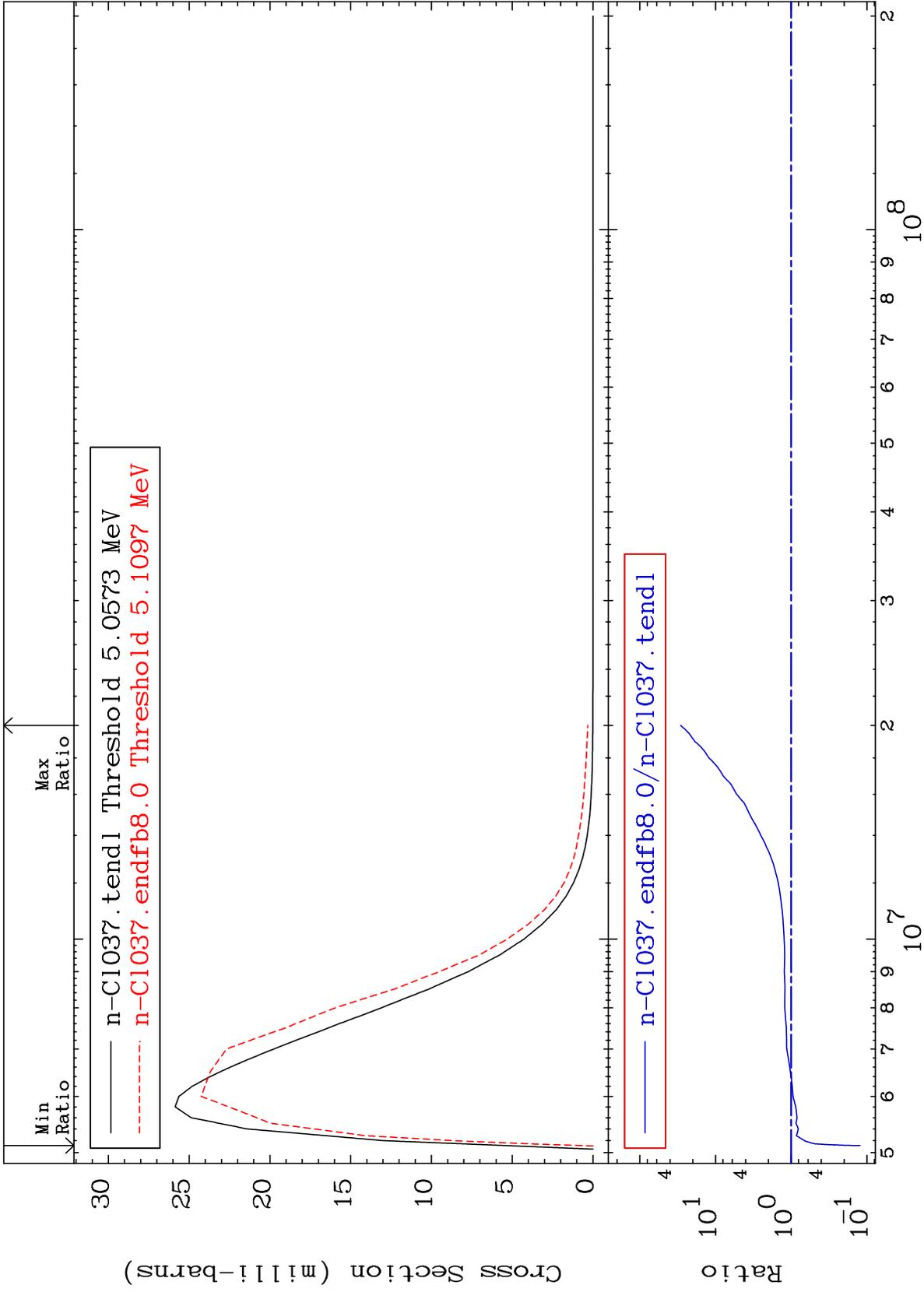
17-Cl-37  
-79.76 To 546.5 %



30

Incident Energy (eV)

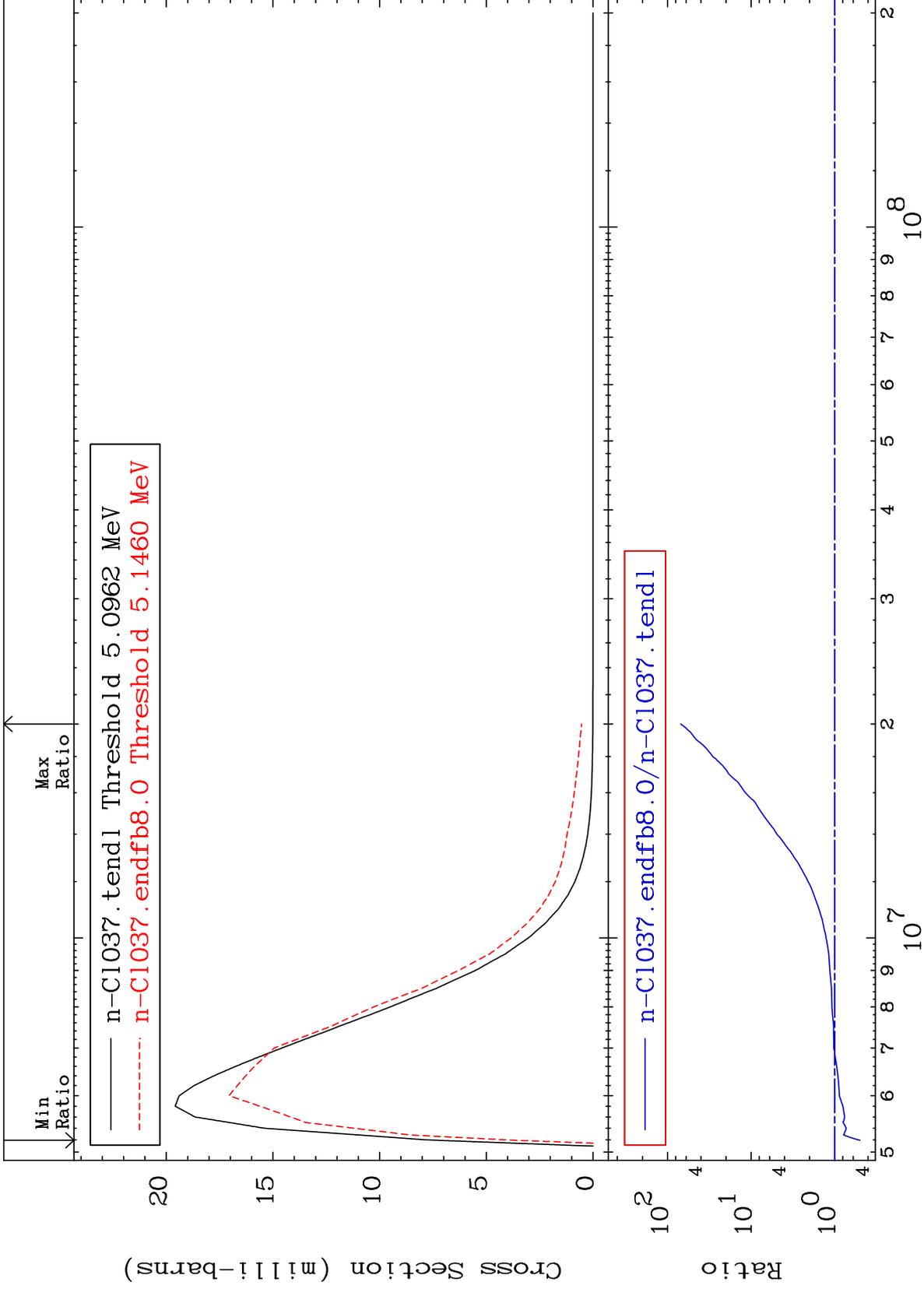
17-Cl-37



MAT 1731

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

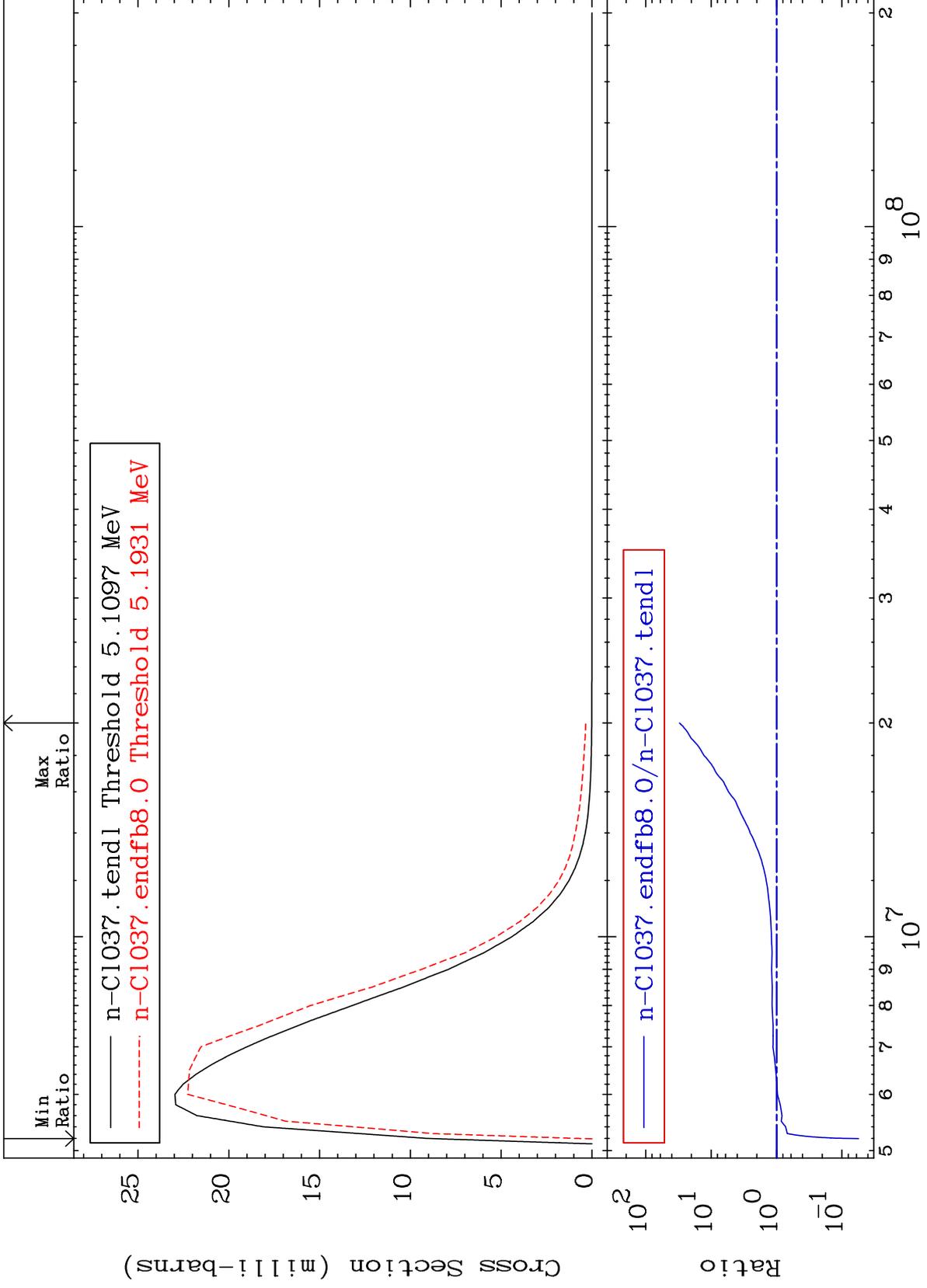
17-Cl-37  
-50.34 To 6863. %

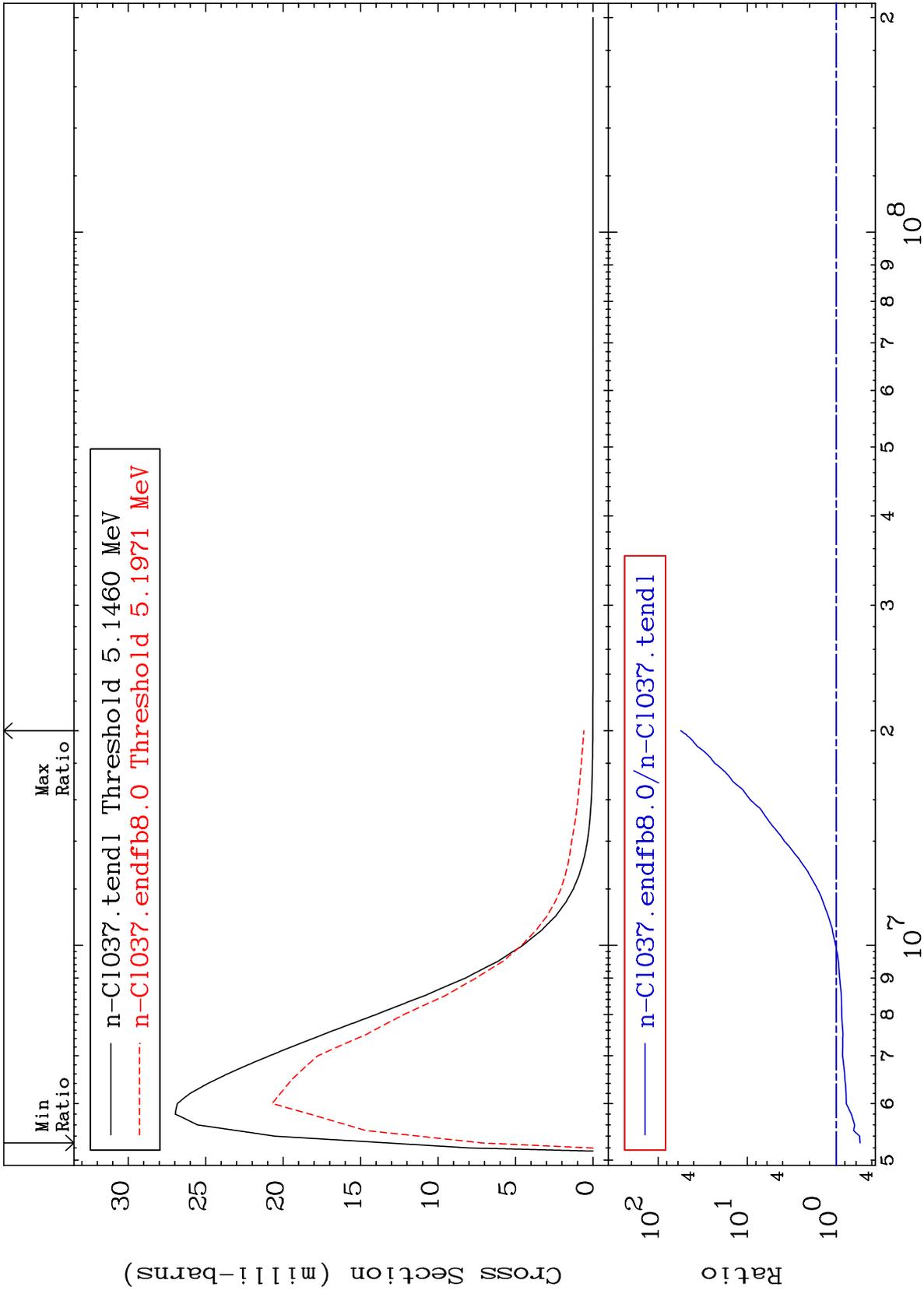


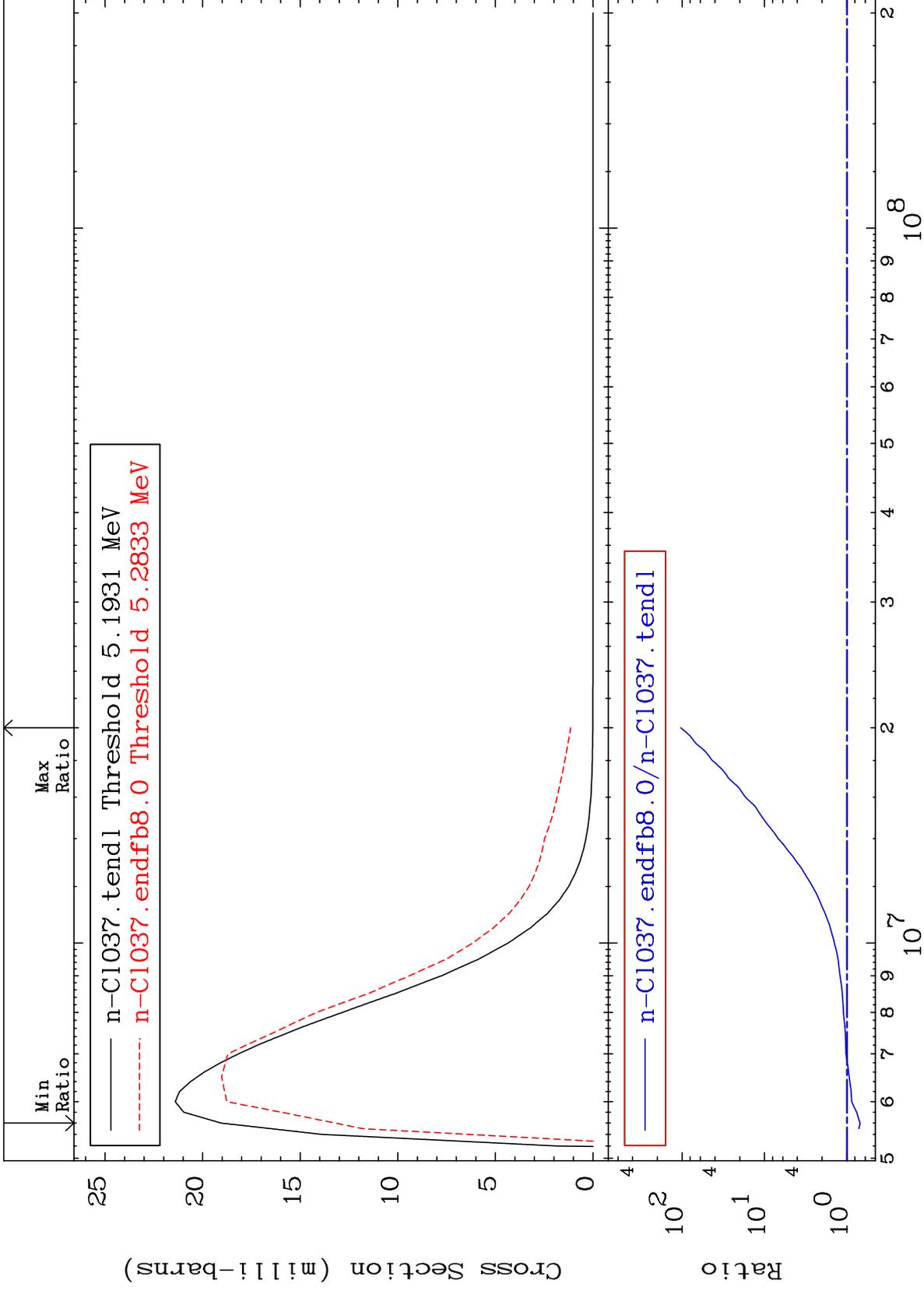
MAT 1731

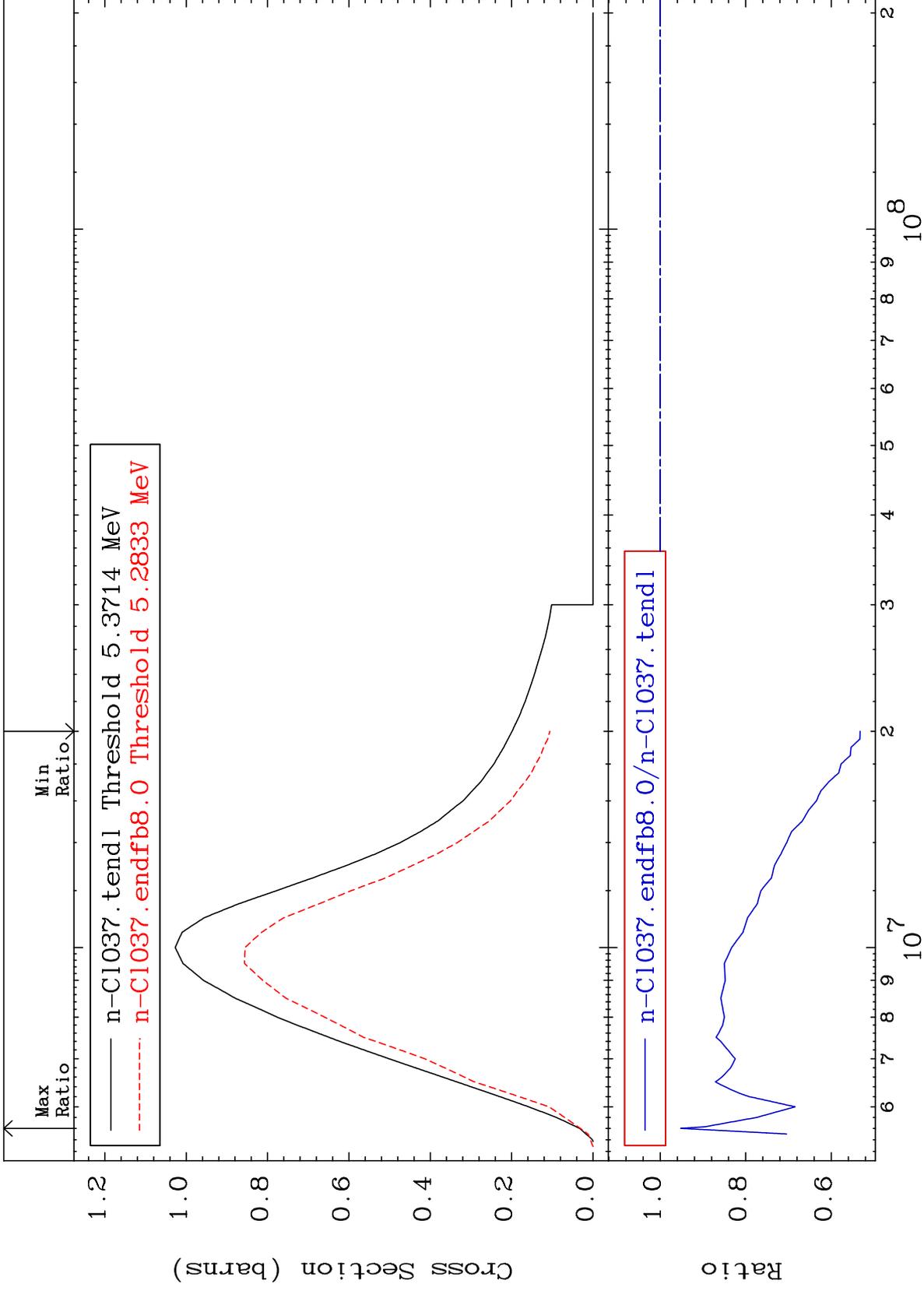
MT= 75 (n,n') Level  
Cross Section

17-Cl-37  
-94.43 To 2941. %









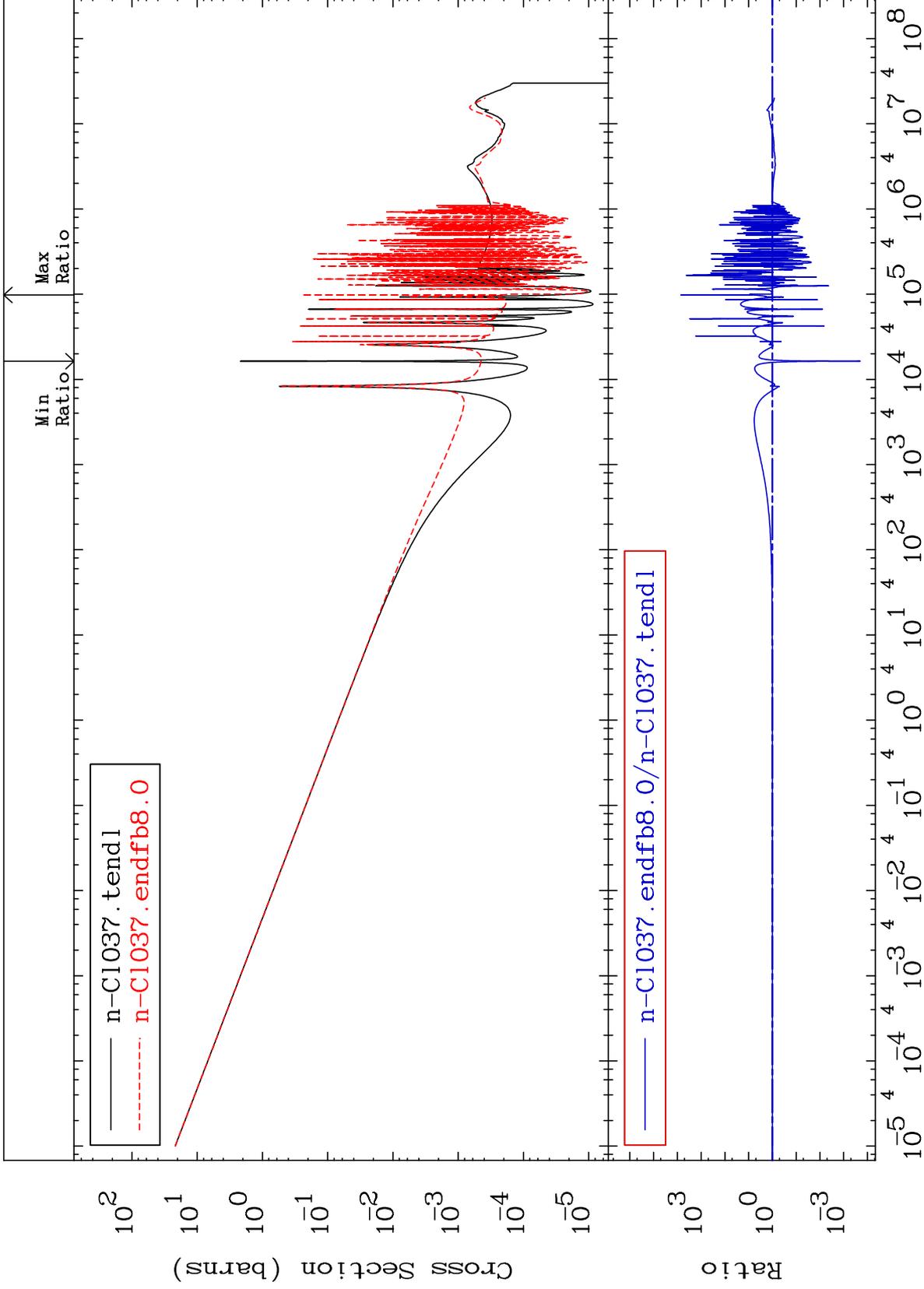
MAT 1731

(n,  $\gamma$ )

17-Cl-37

Cross Section

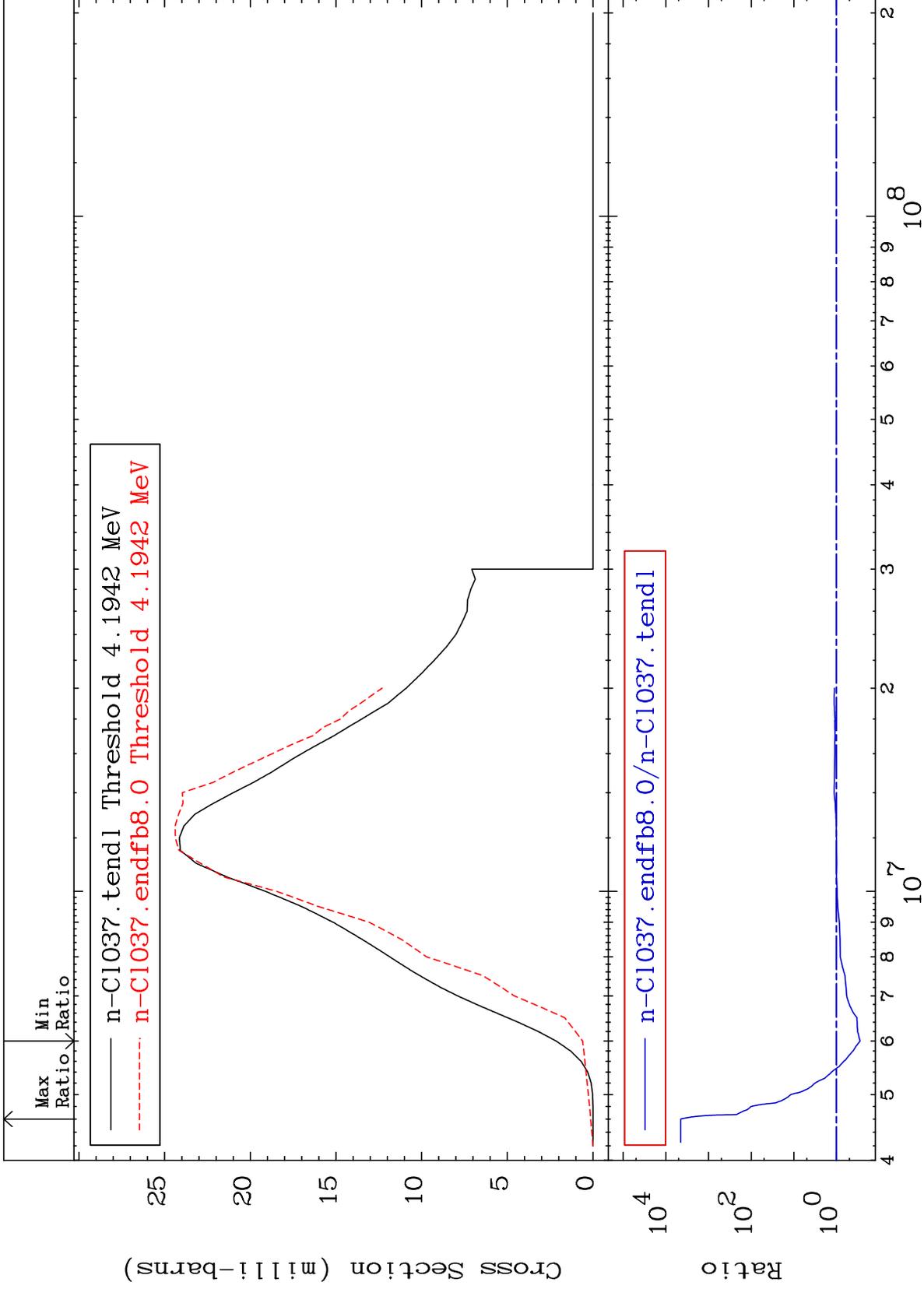
-99.98 To 9999. %



37

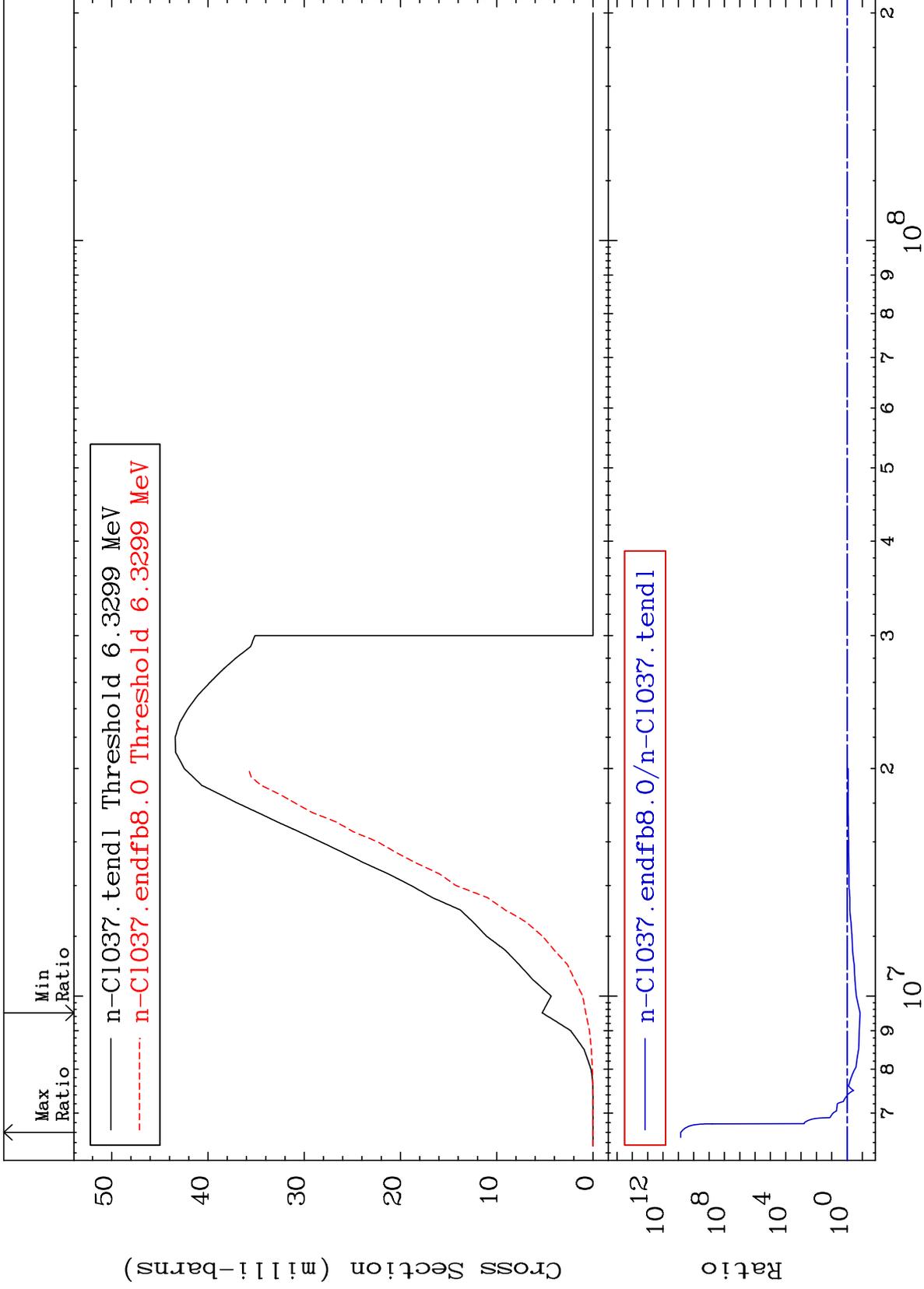
Incident Energy (eV)

17-Cl-37



Cross Section

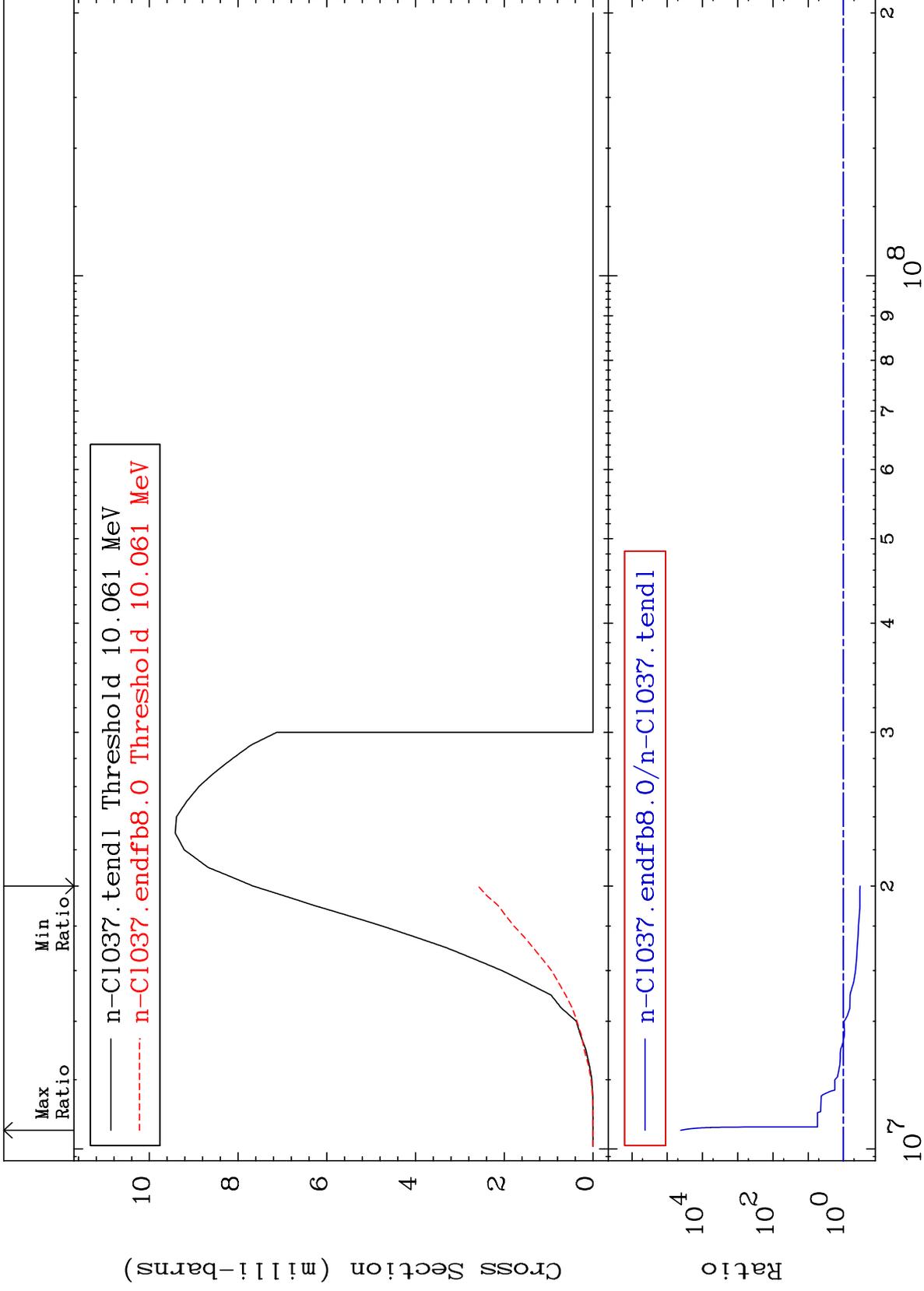
-85.82 To 9999. %



MAT 1731

(n, t)  
Cross Section

17-Cl-37  
-66.25 To 9999. %



40

Incident Energy (eV)

17-Cl-37

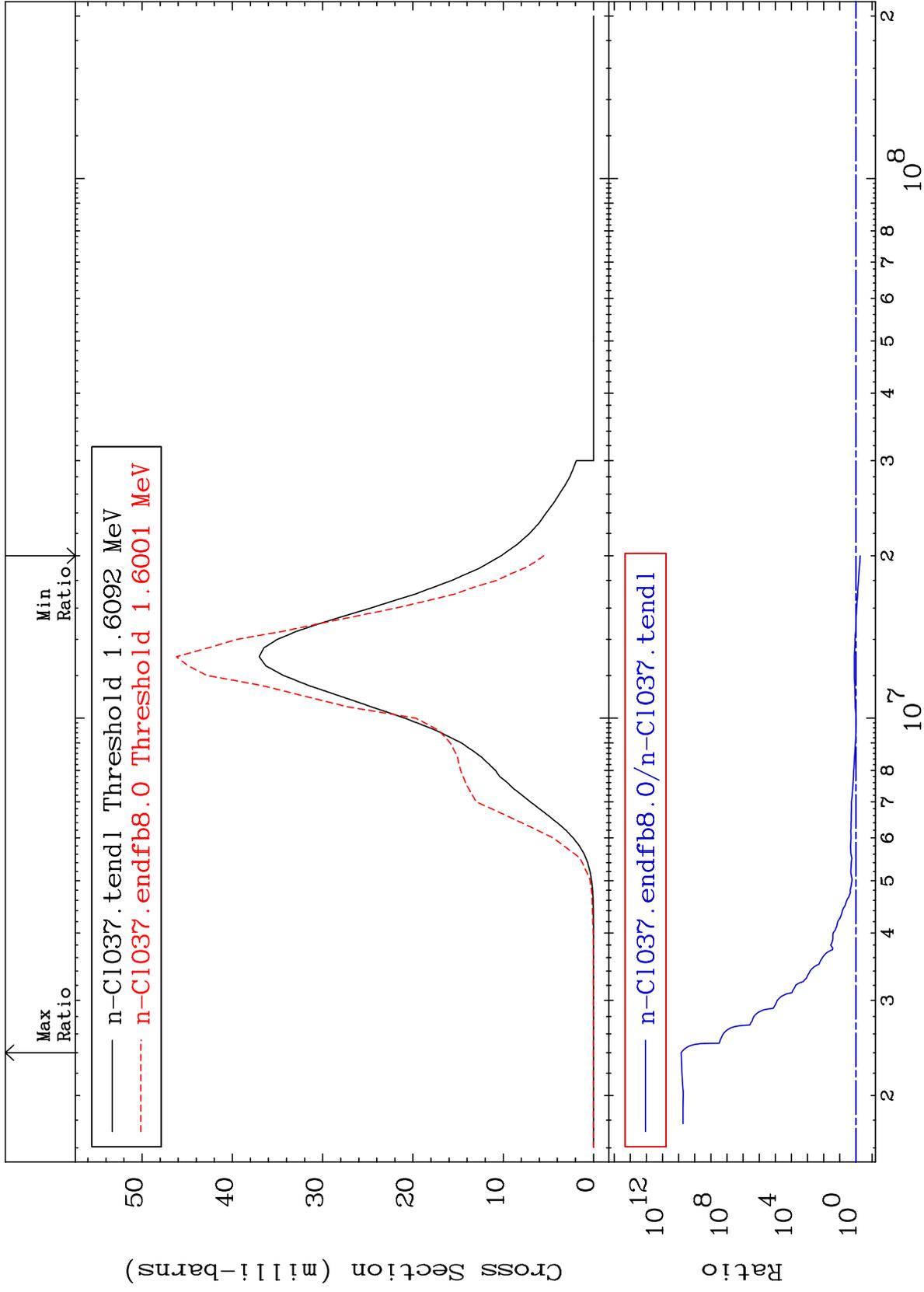
MAT 1731

(n,  $\alpha$ )

17-Cl-37

Cross Section

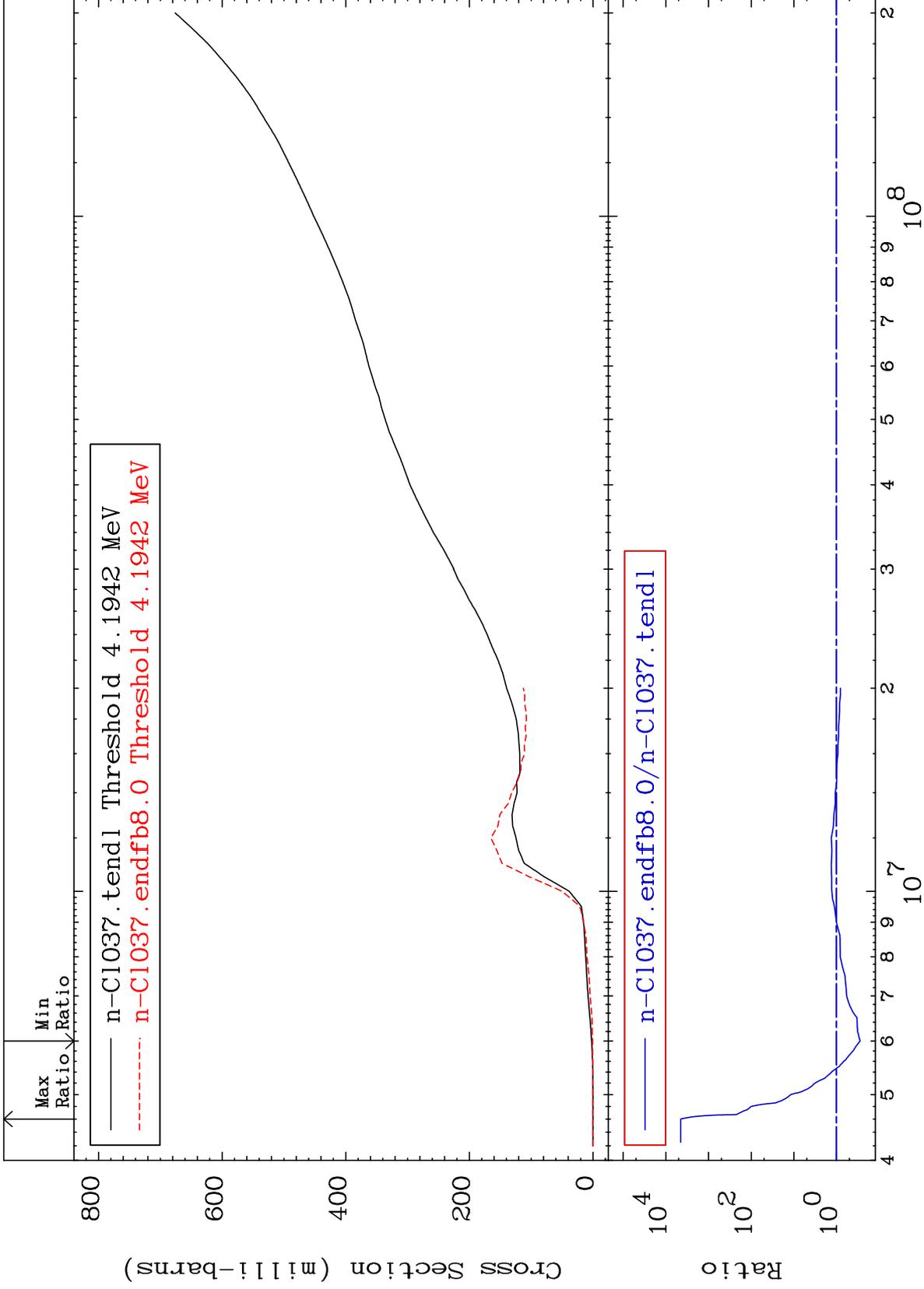
-46.10 To 9999. %



MAT 1731

Hydrogen Production  
Cross Section

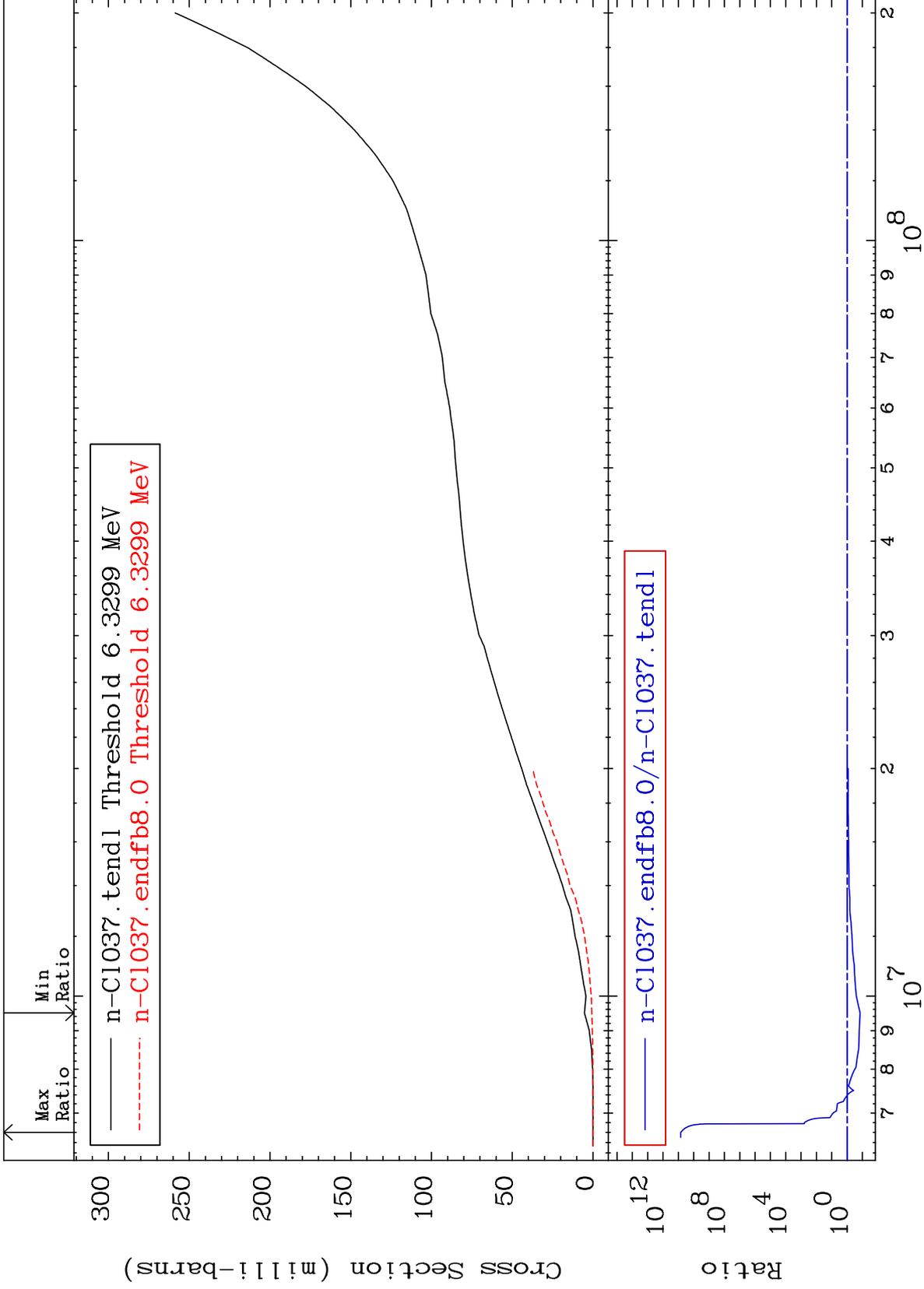
17-Cl-37  
-71.89 To 9999. %



42

Incident Energy (eV)

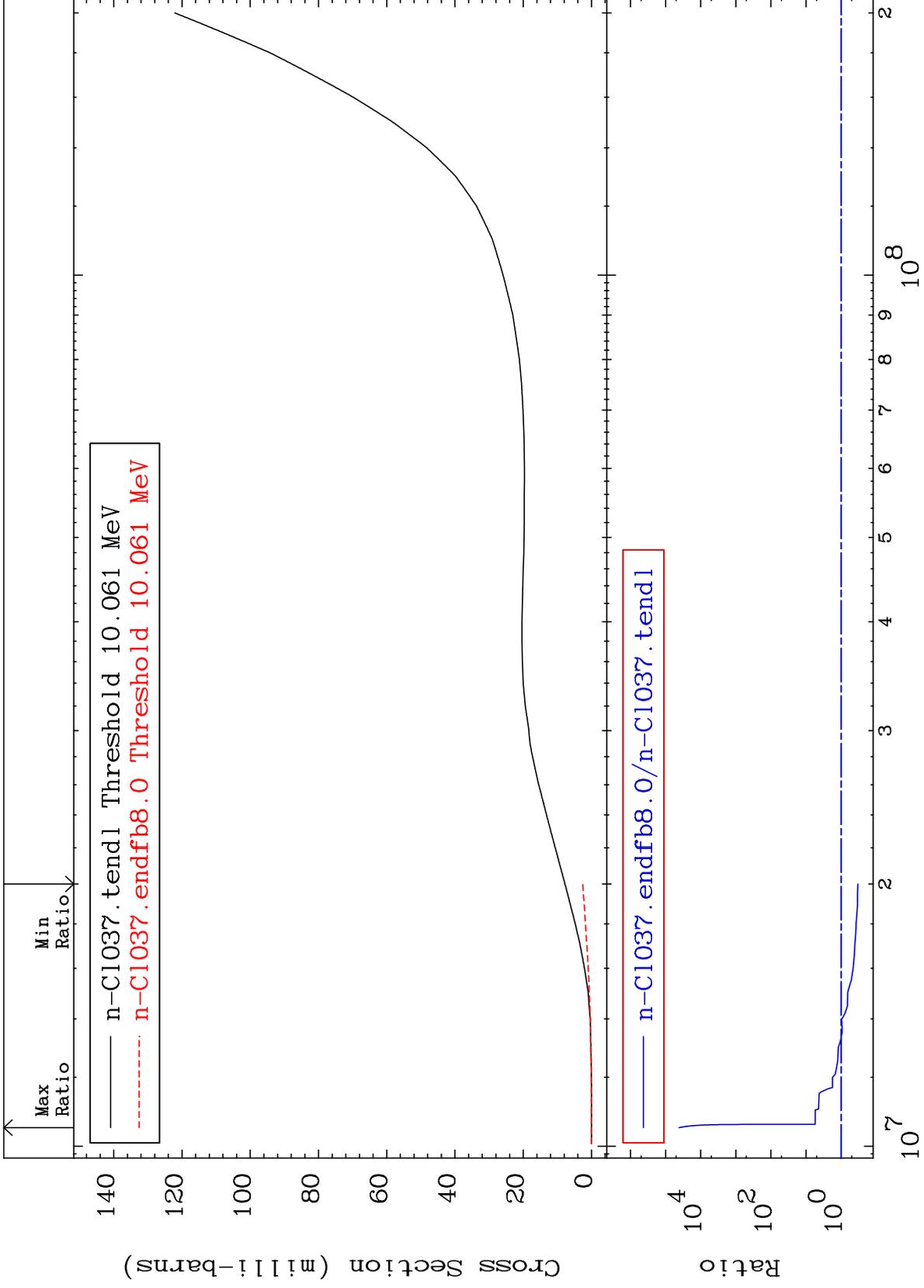
17-Cl-37



MAT 1731

Tritium Production  
Cross Section

17-Cl-37  
-66.70 To 9999. %



44

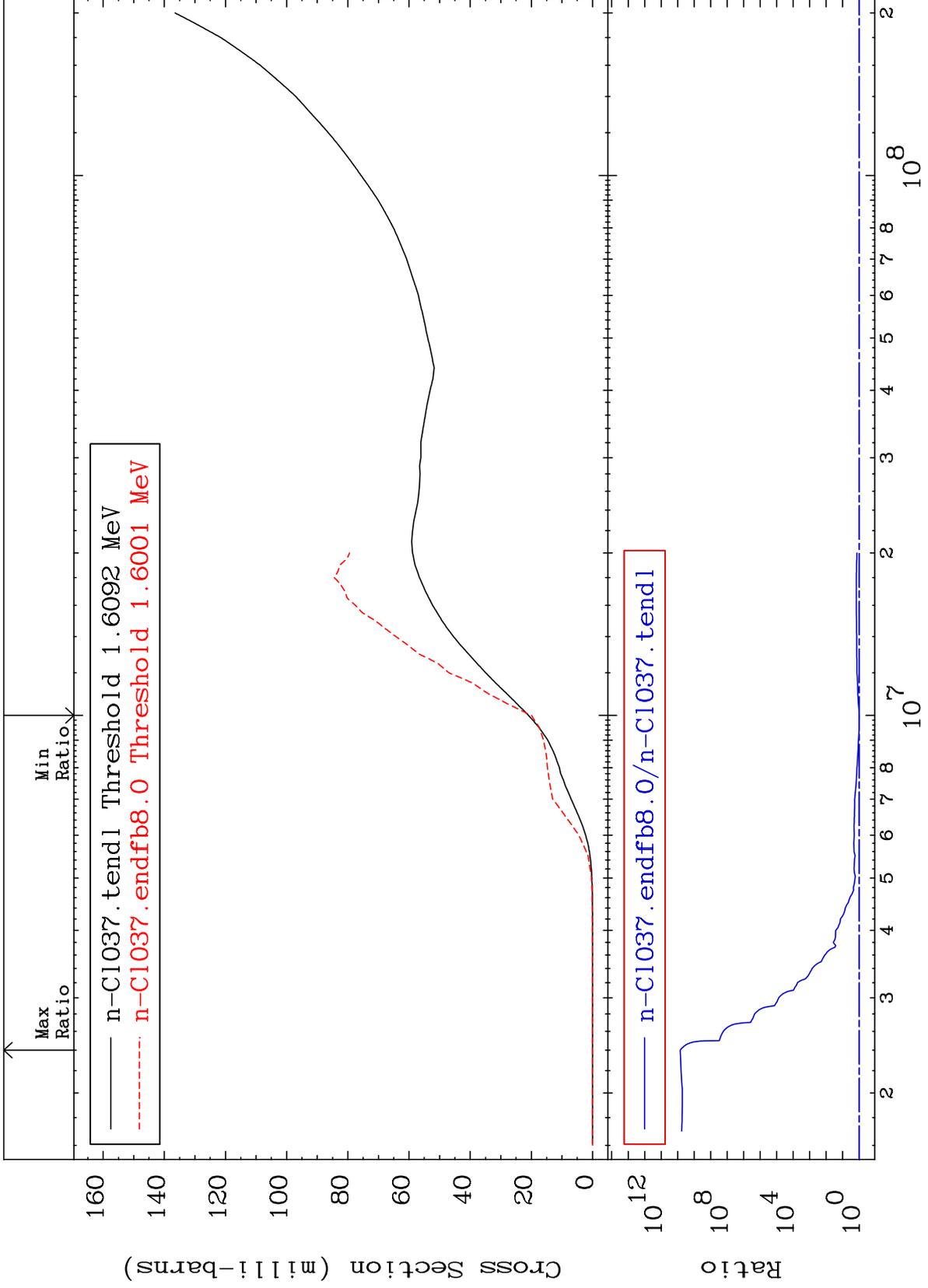
Incident Energy (eV)

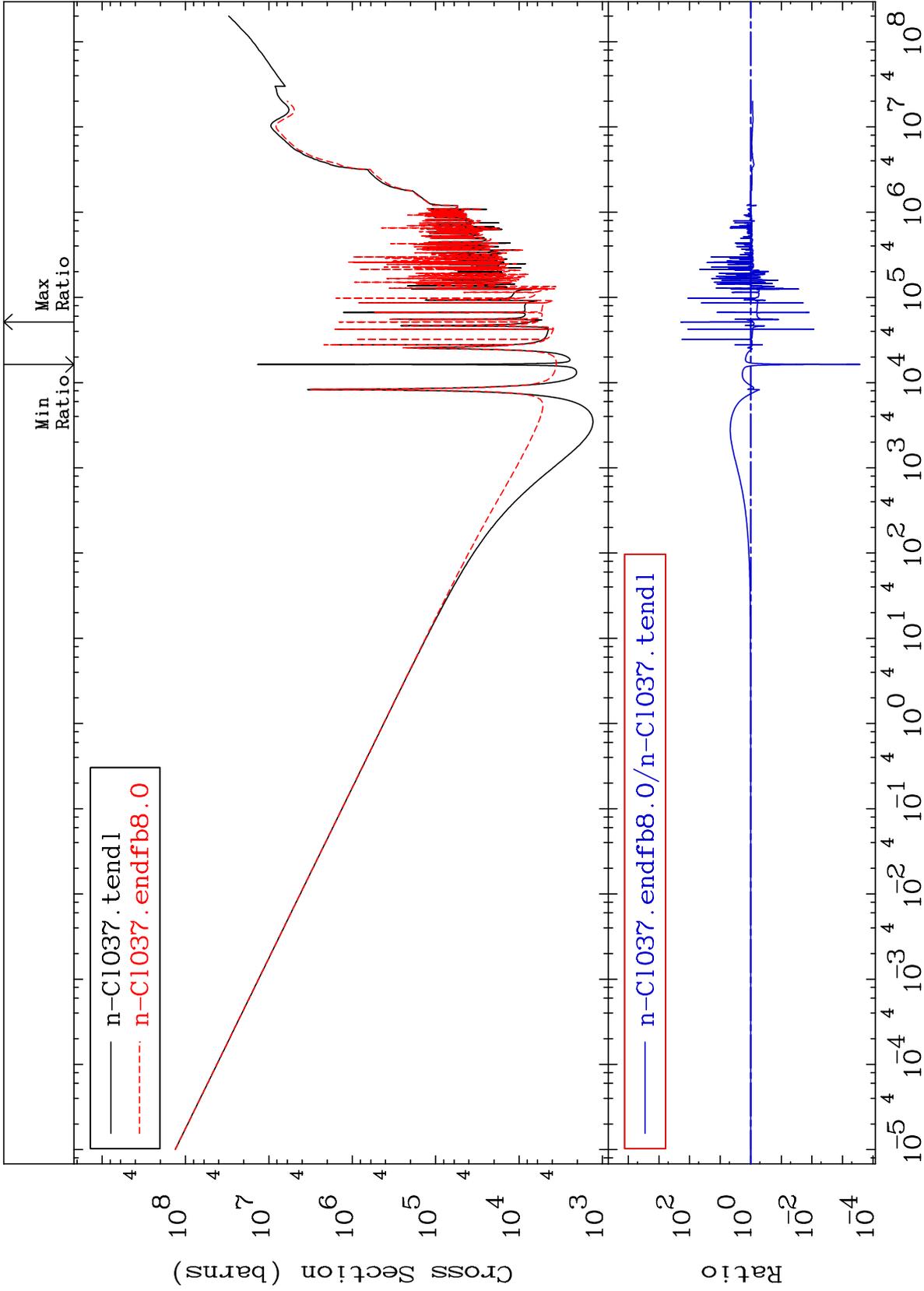
17-Cl-37

MAT 1731

He-4 Production  
Cross Section

17-Cl-37  
-4.277 To 9999. %

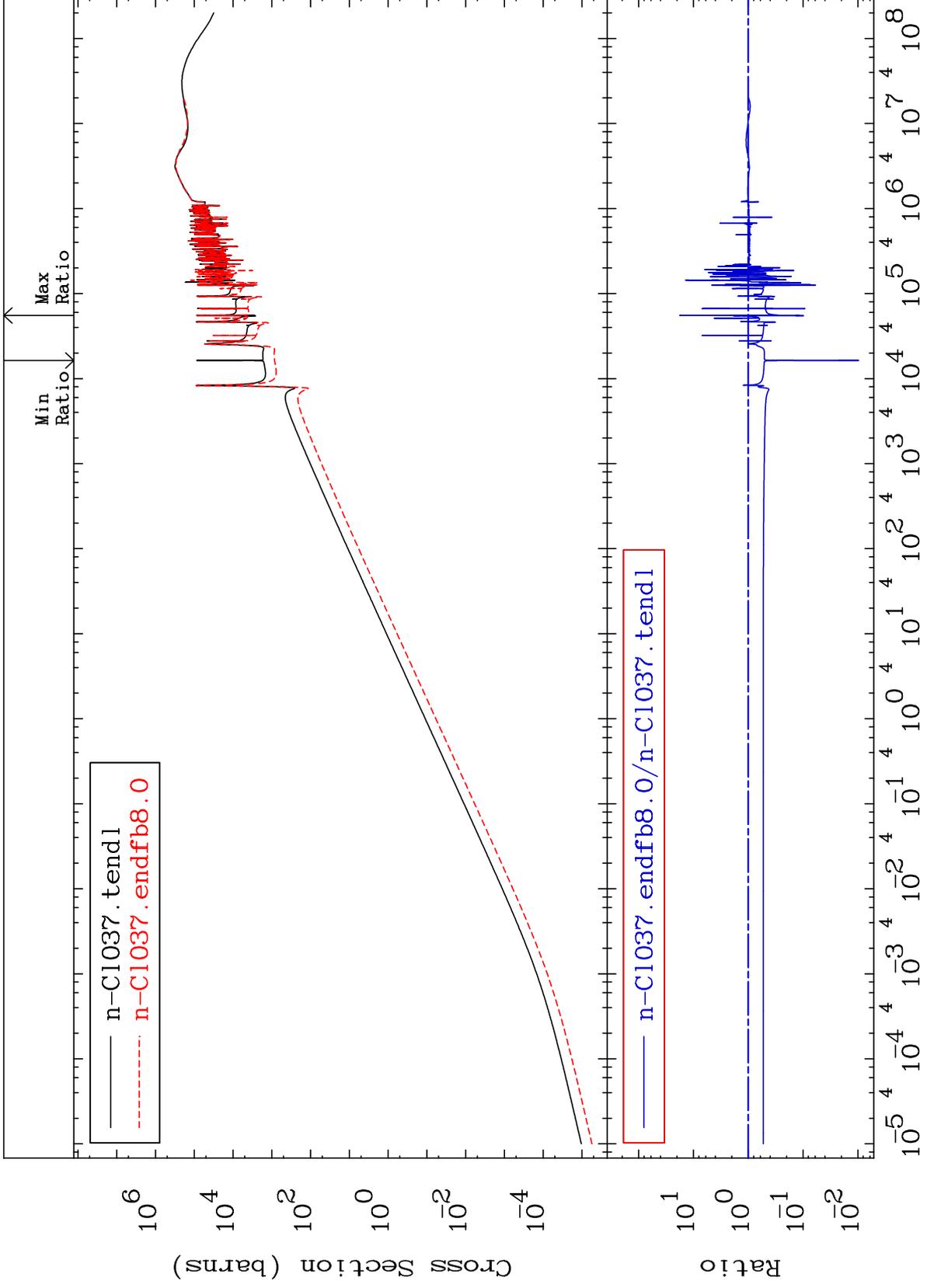




MAT 1731

Kerma elastic  
Cross Section

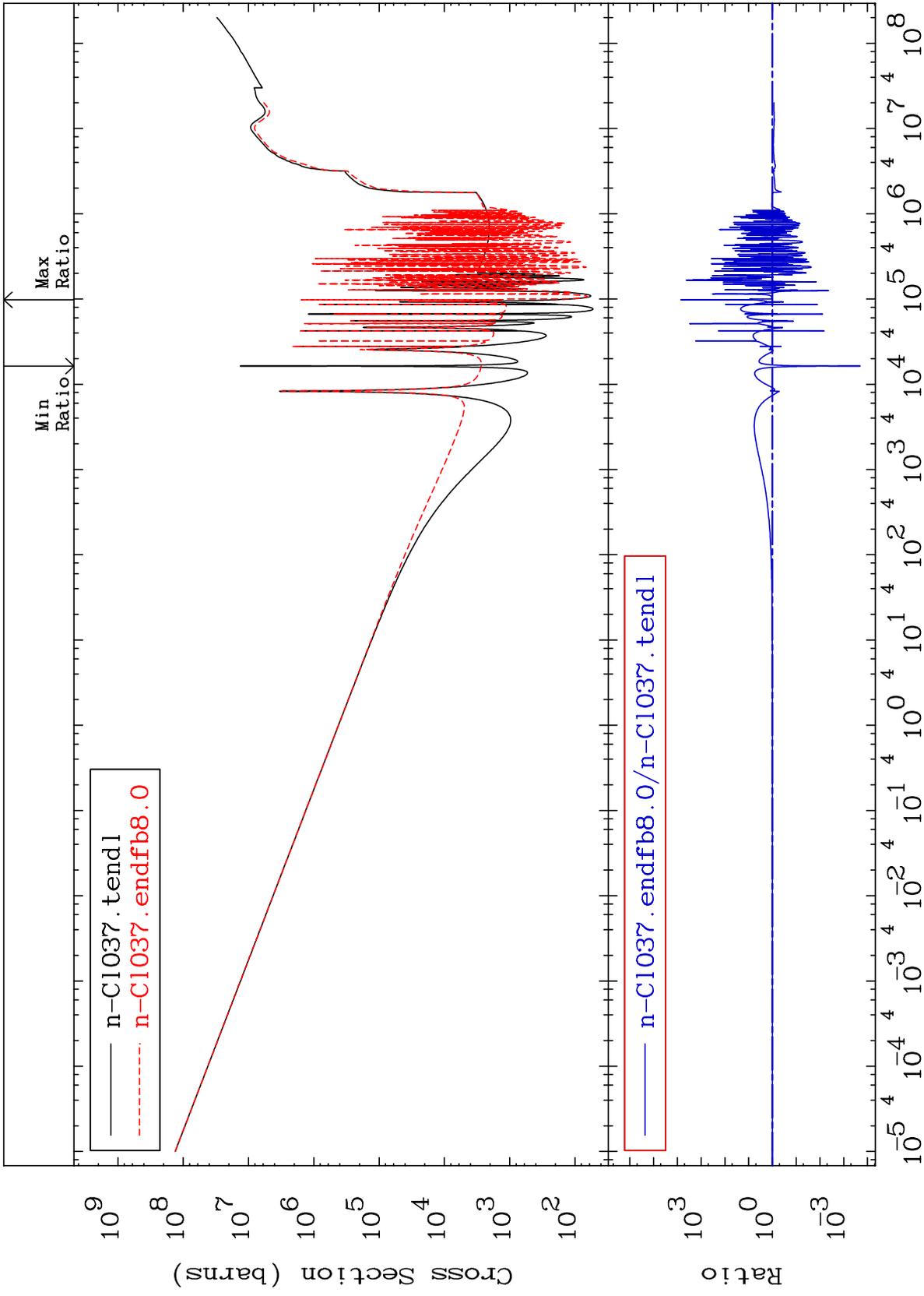
17-Cl-37  
-99.03 To 1700. %

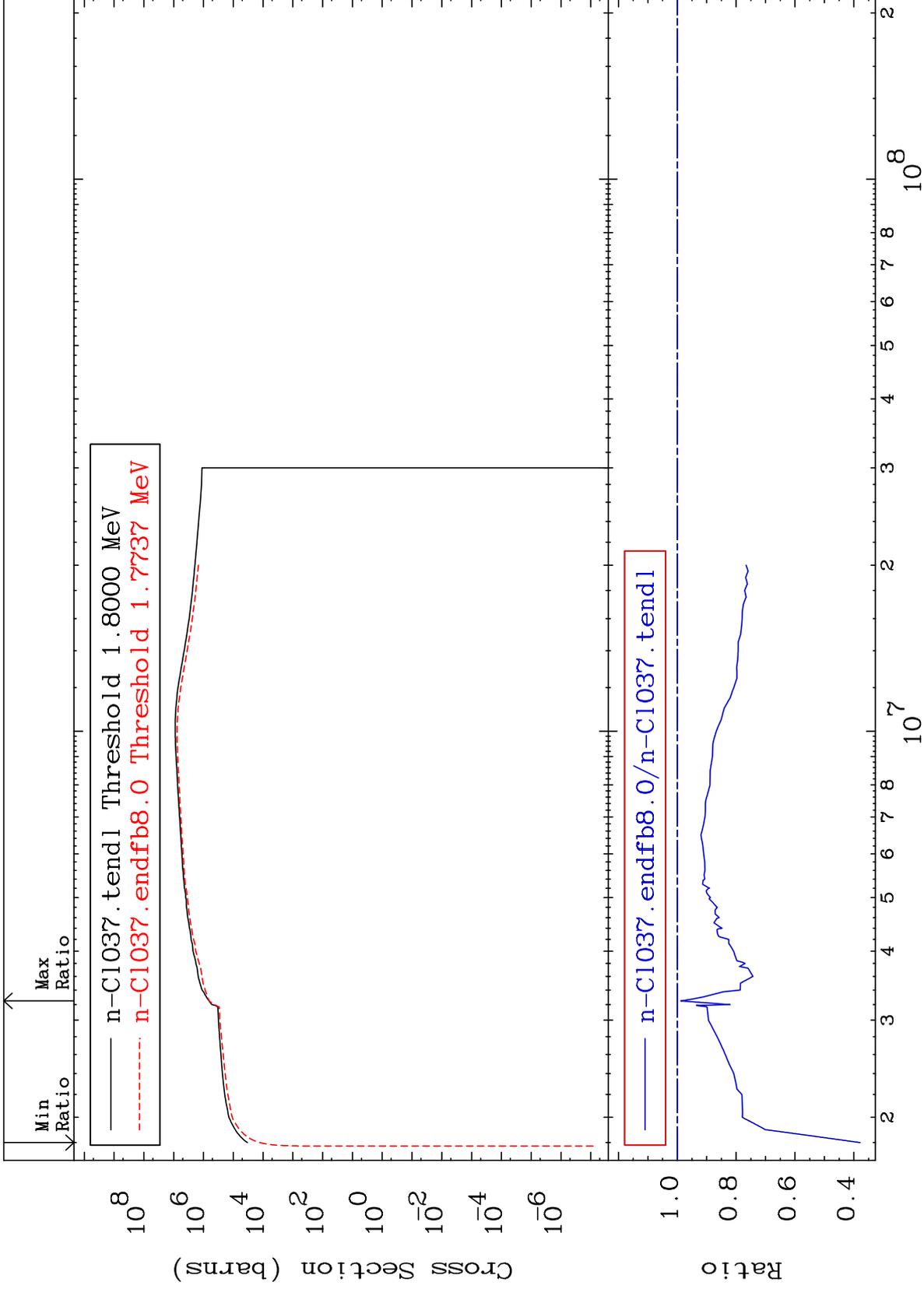


47

Incident Energy (eV)

17-Cl-37

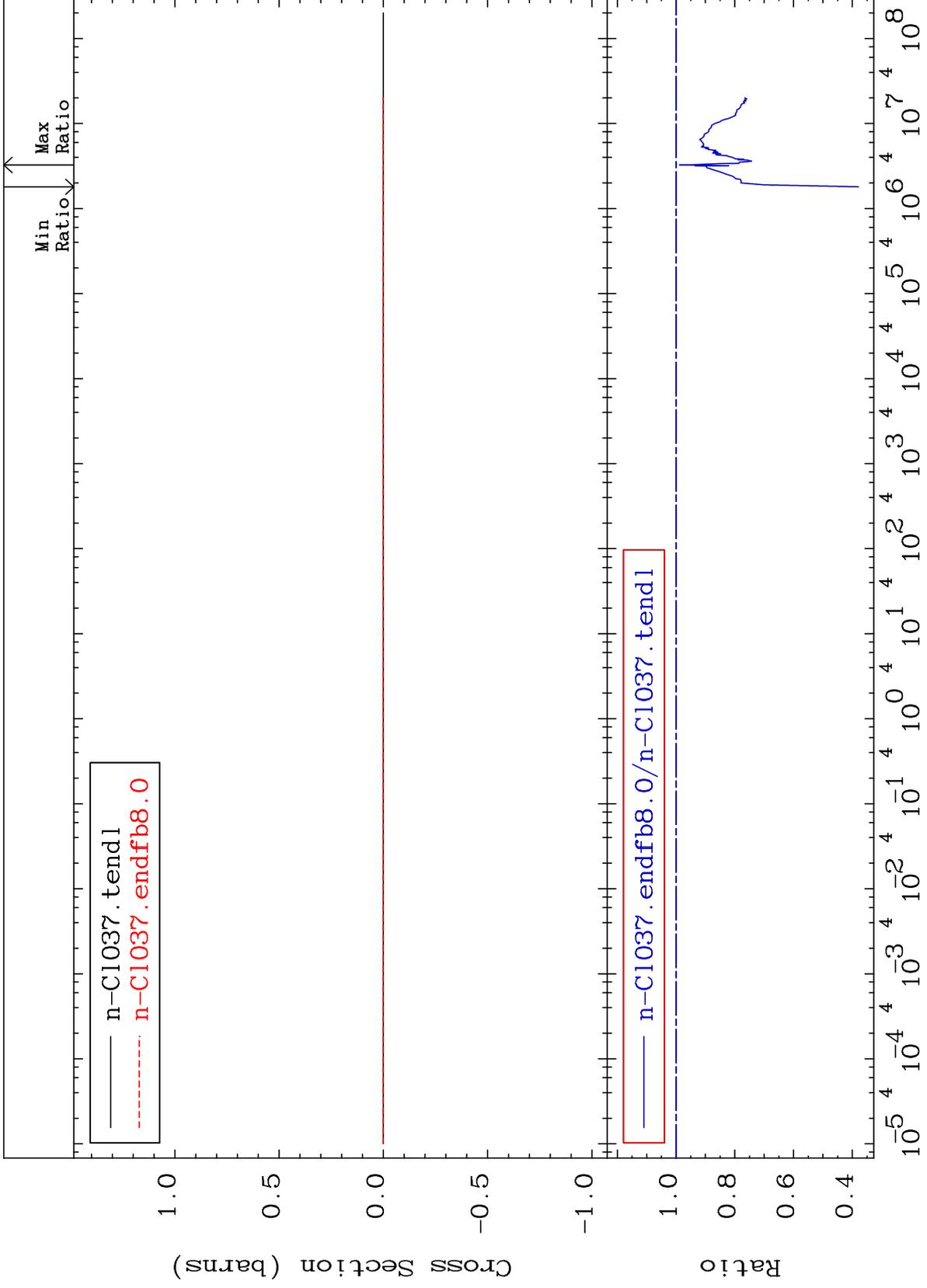




MAT 1731

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

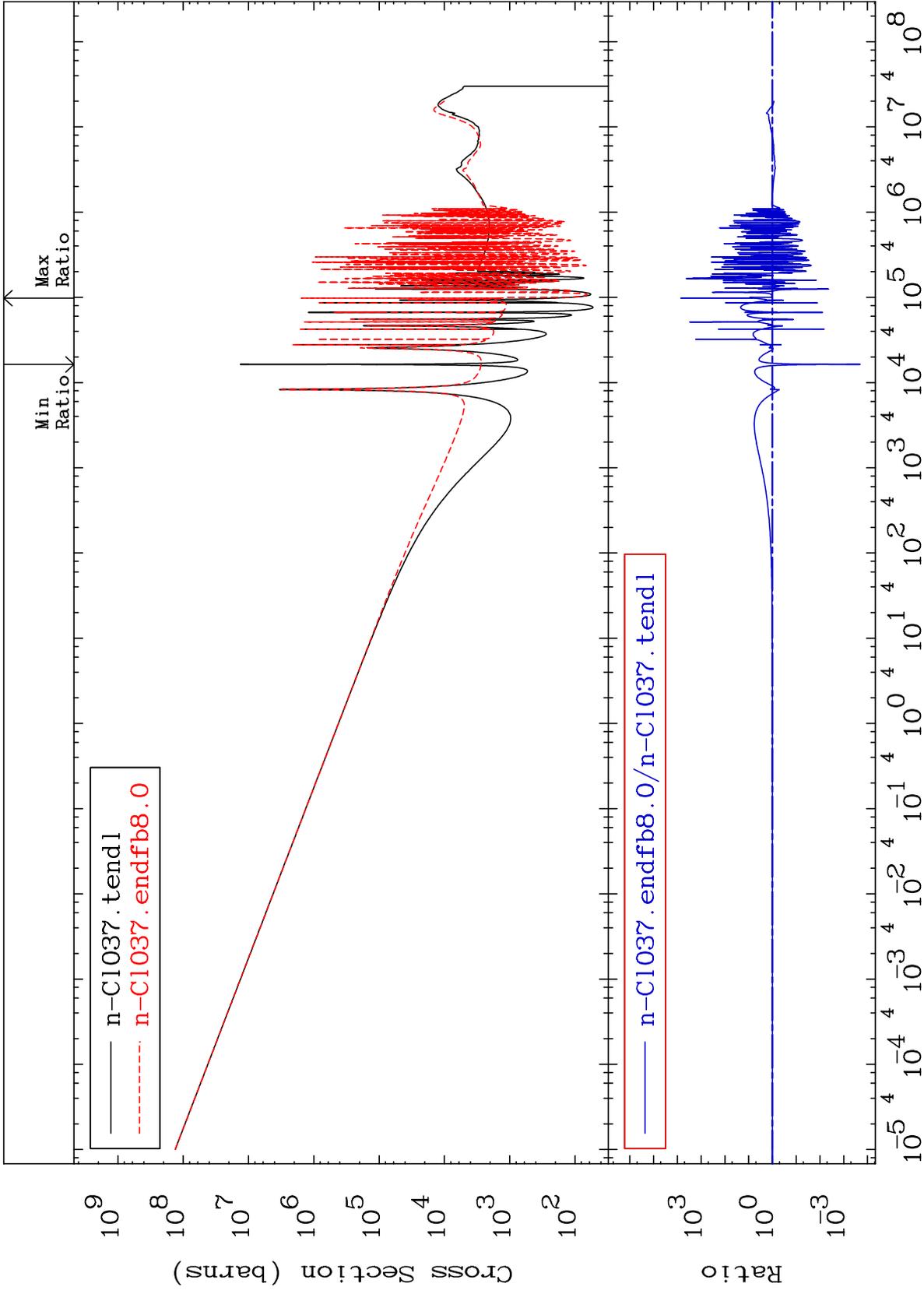
17-Cl-37  
-62.11 To -1.183%



50

Incident Energy (eV)

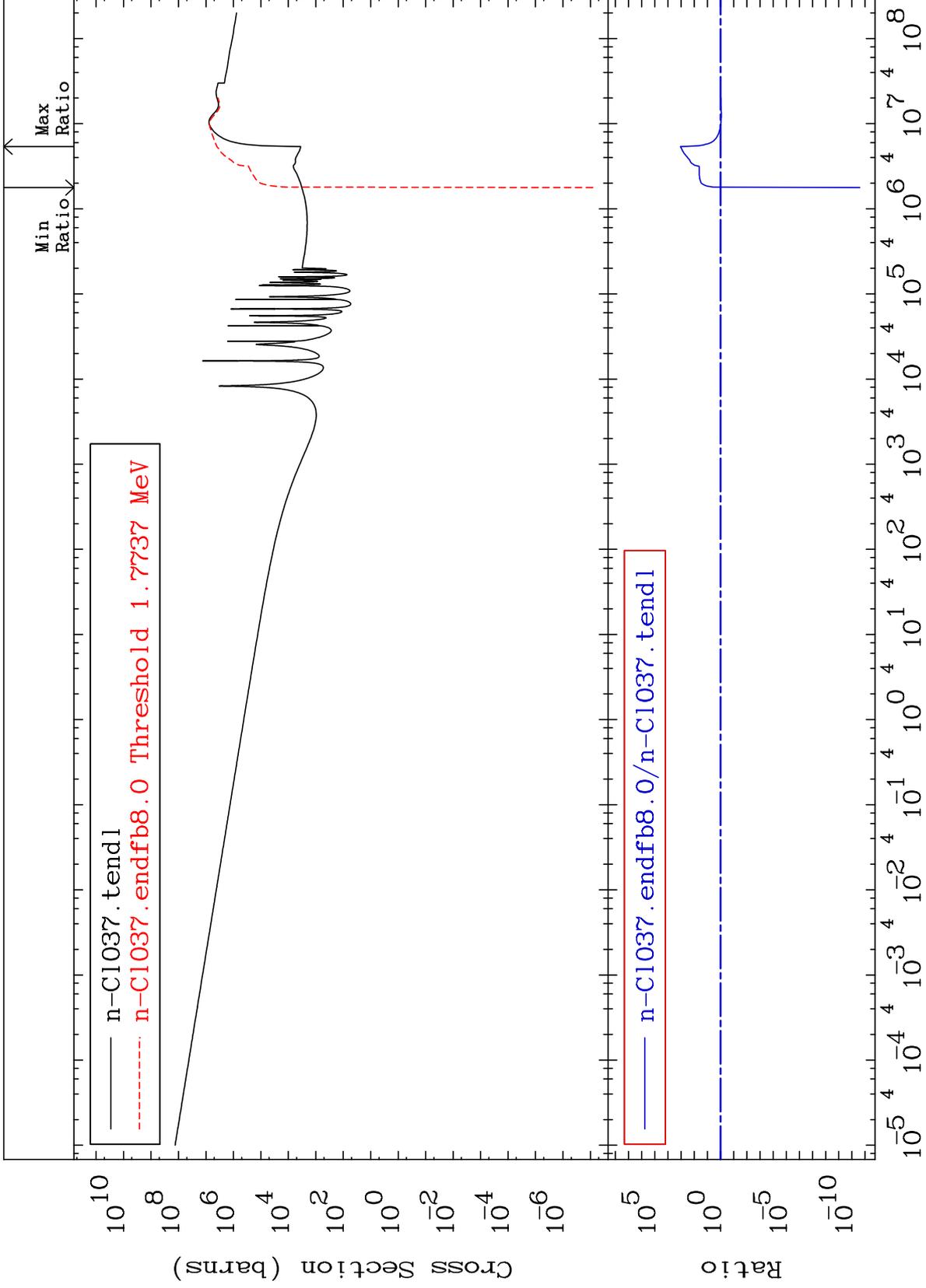
17-Cl-37



MAT 1731

Total photon (eV-barns)  
Cross Section

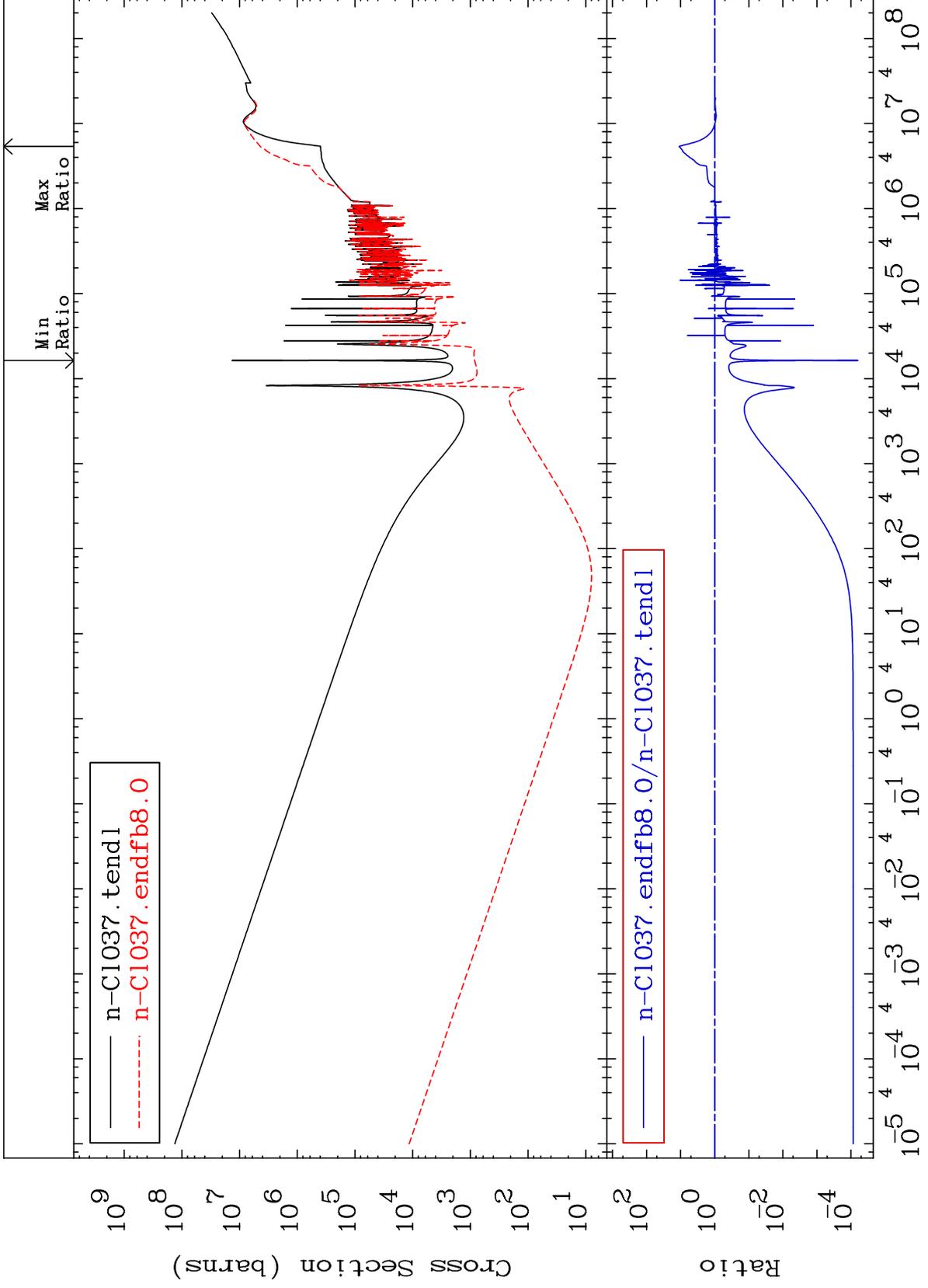
17-Cl-37  
-100.0 To 9999. %

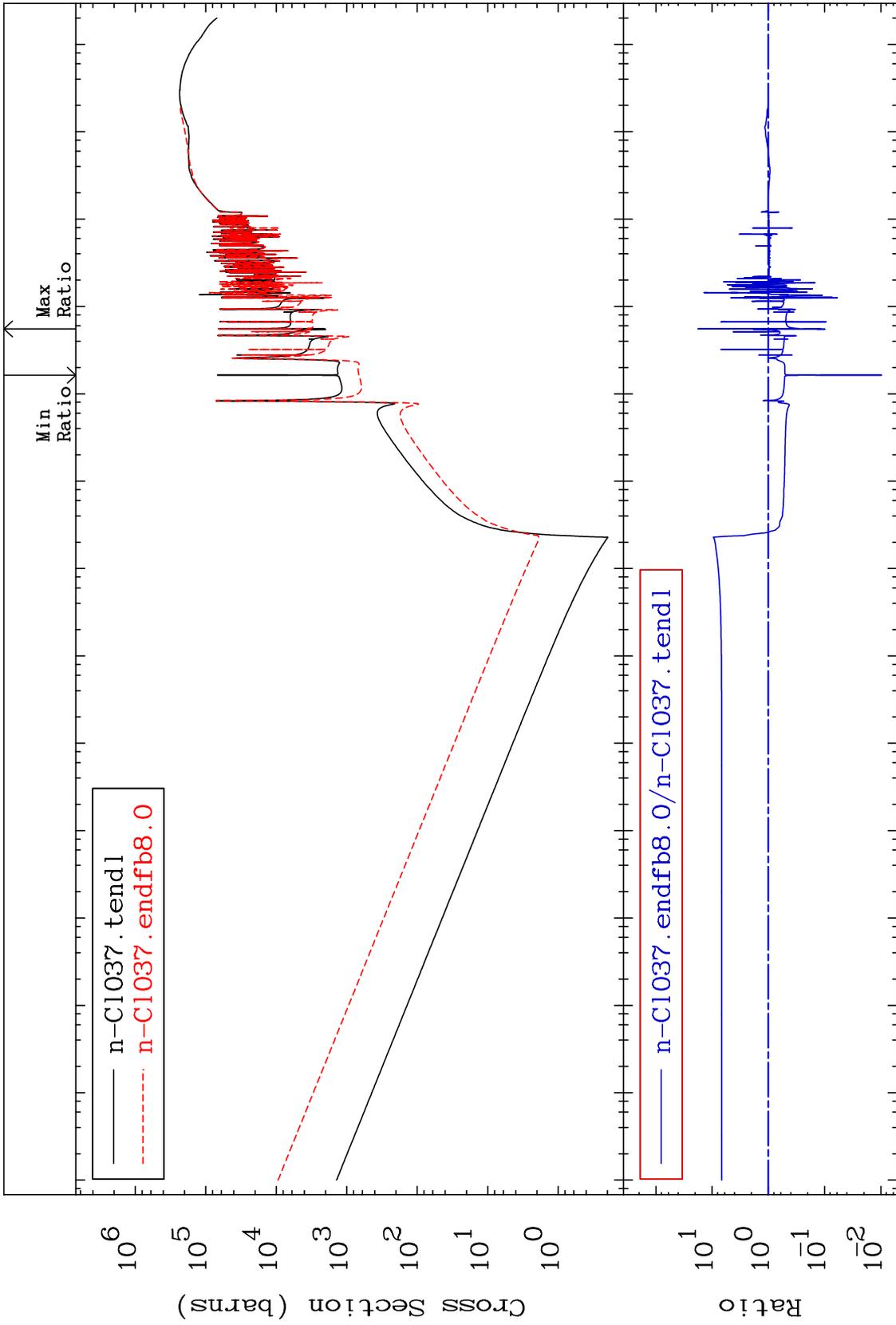


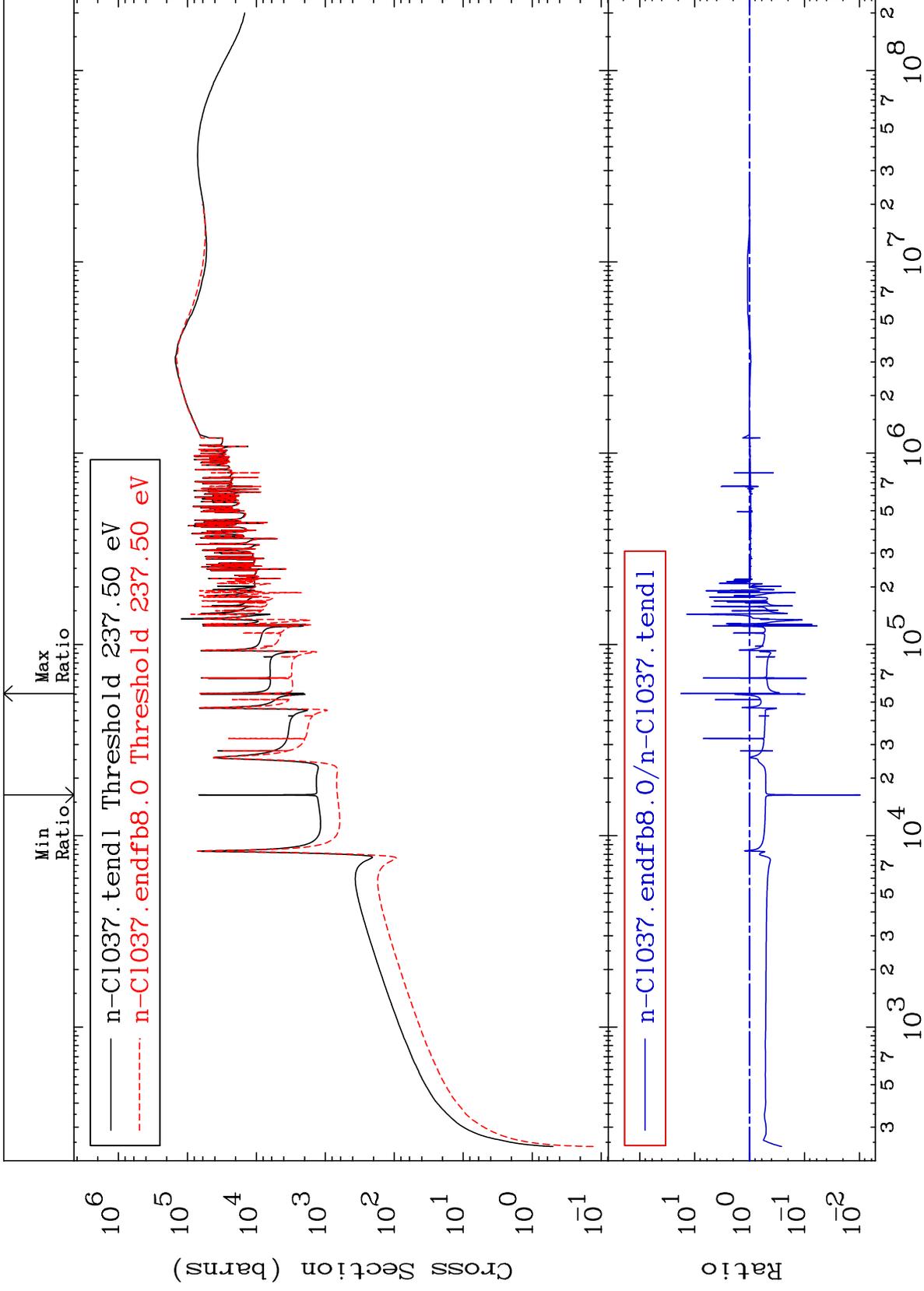
MAT 1731

Total kinematic kerma (high limit)  
Cross Section

17-Cl-37  
-99.99 To 1006. %







MAT 1731

Dpa inelastic (mt51-91)  
Cross Section

17-Cl-37  
-94.90 To 58.80 %

