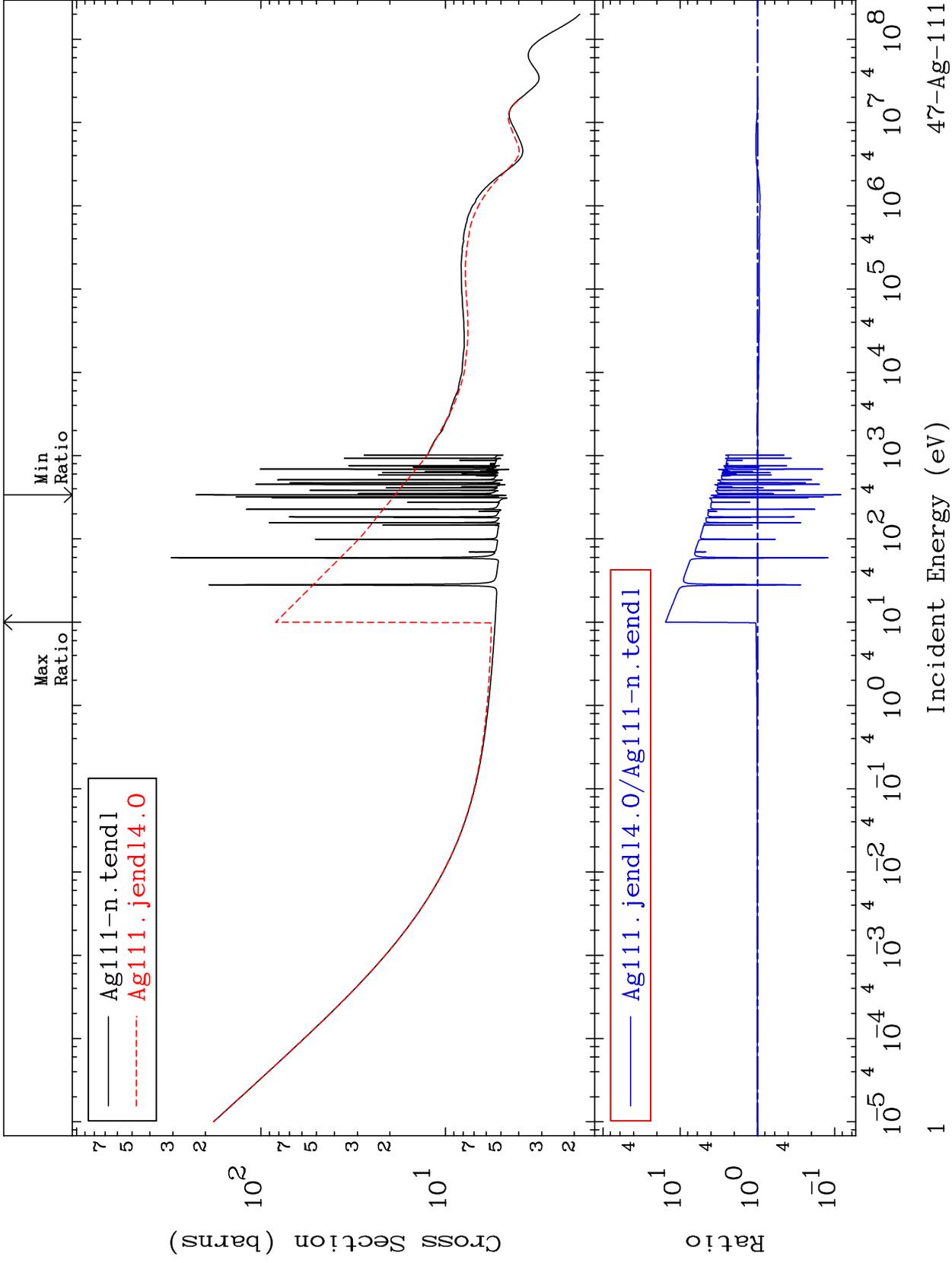


MAT 4737

47-Ag-111  
-91.66 To 1448. %

Total  
Cross Section



47-Ag-111

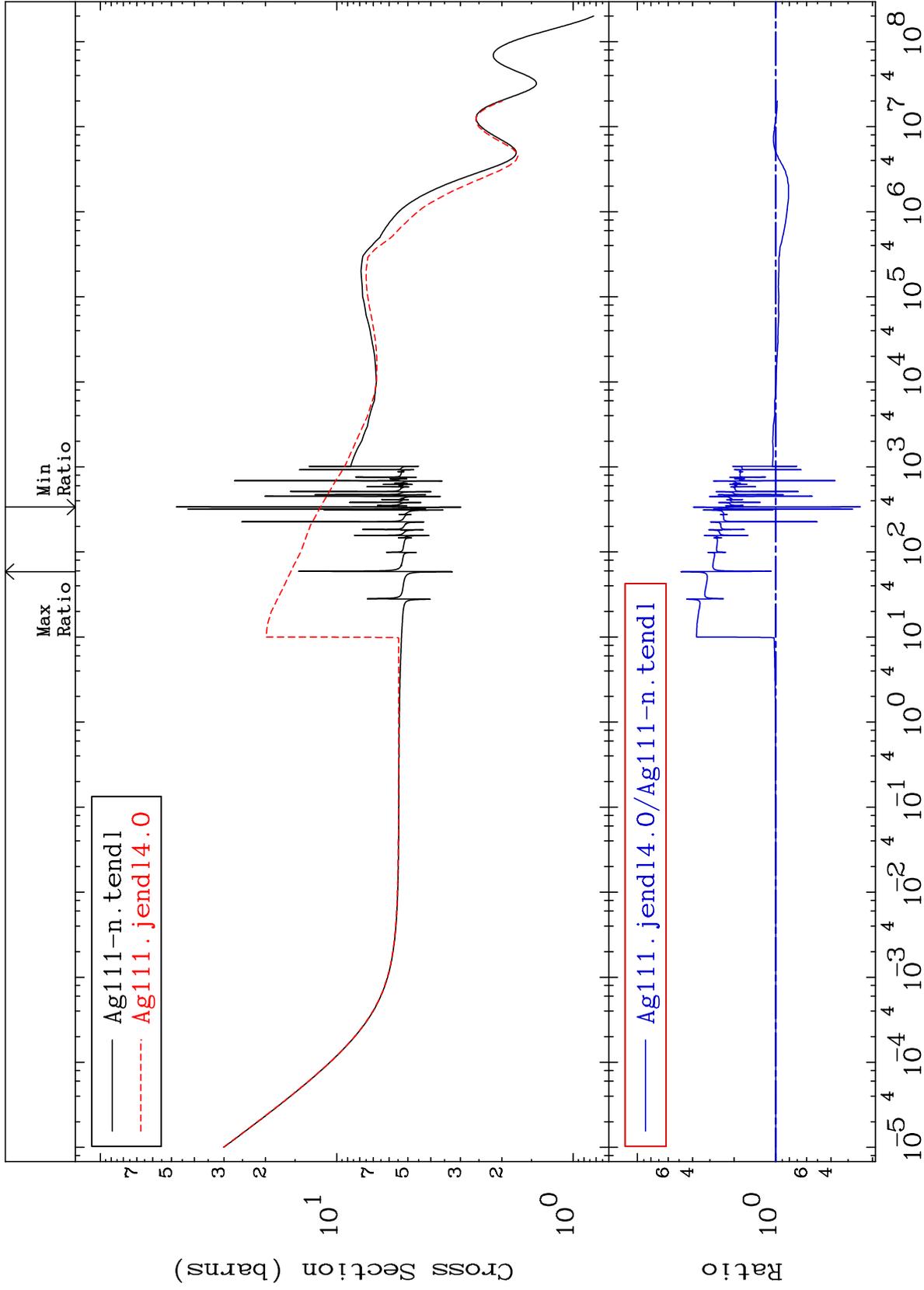
MAT 4737

Elastic

47-Ag-111

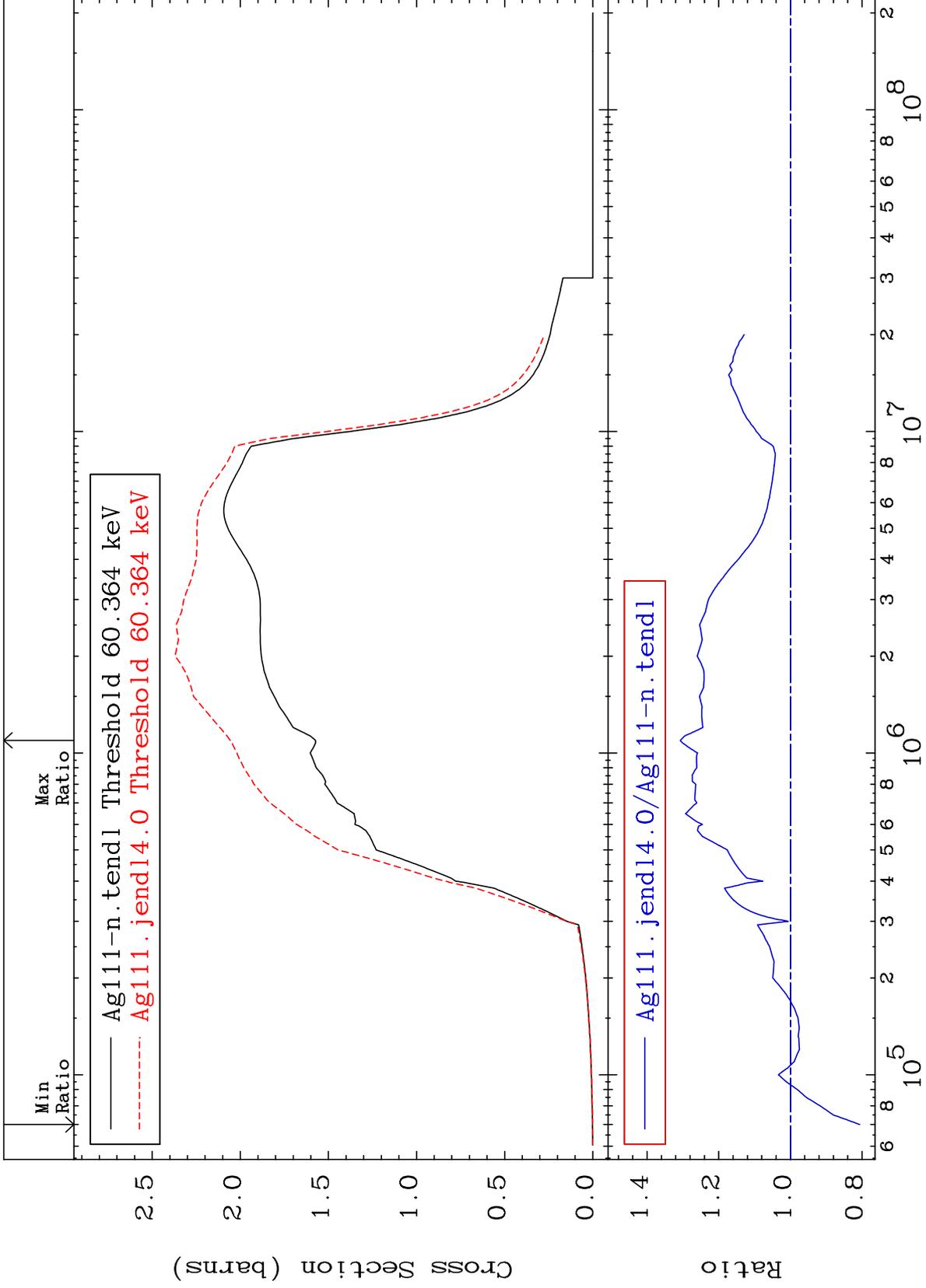
Cross Section

-75.43 To 382.9 %



Incident Energy (eV)

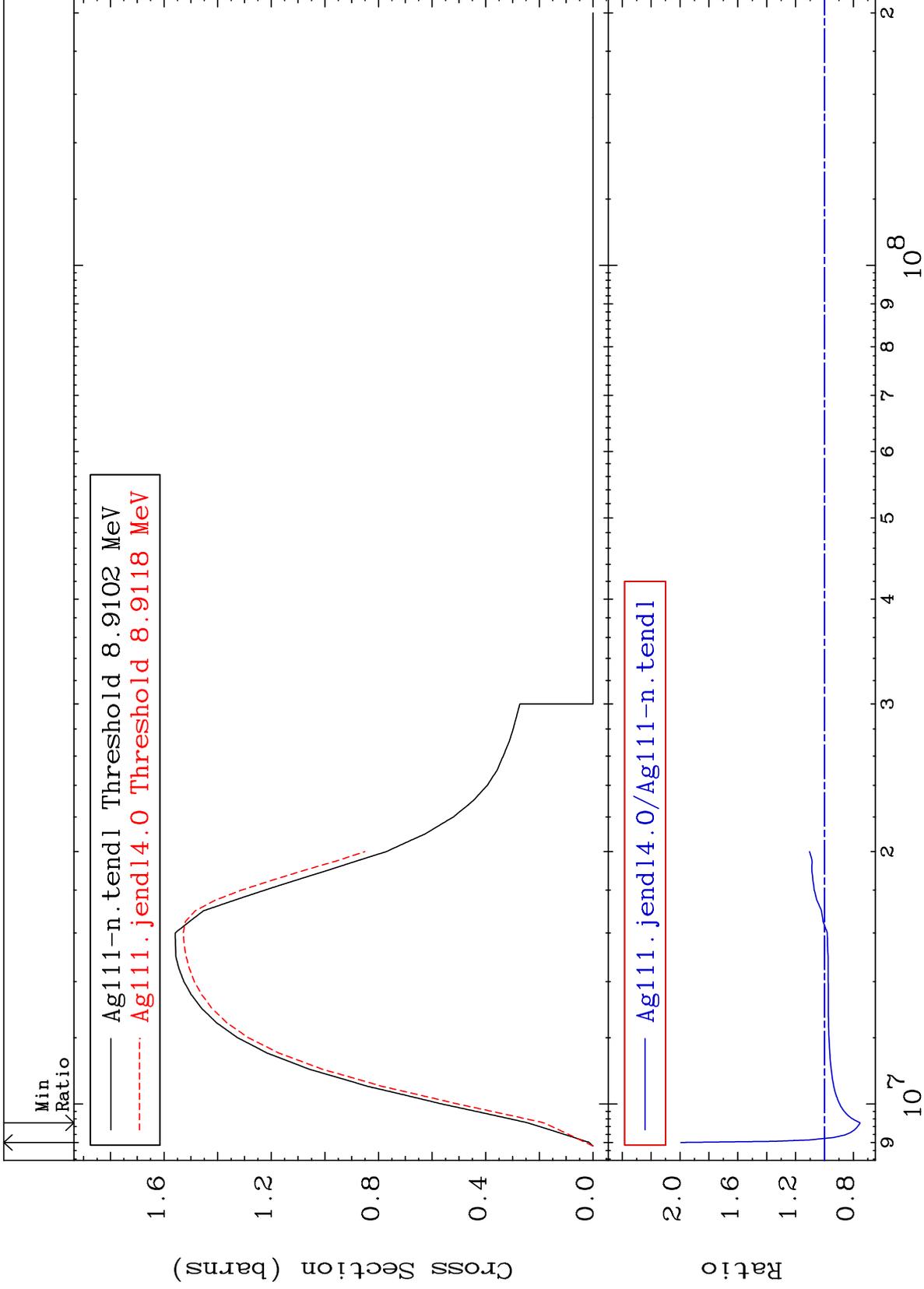
47-Ag-111



MAT 4737

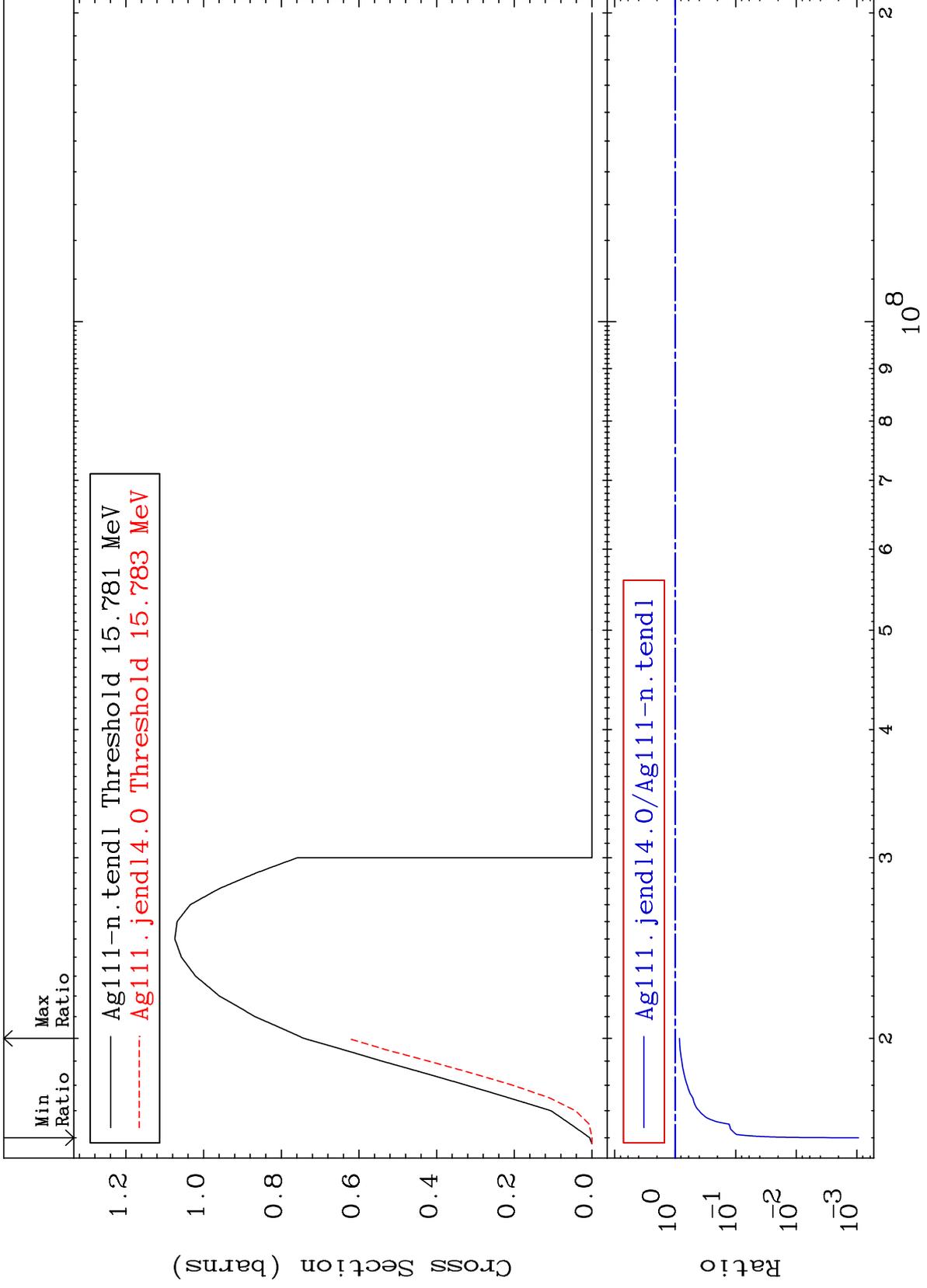
(n,2n)  
Cross Section

47-Ag-111  
-24.60 To 99.47 %



Incident Energy (eV)

47-Ag-111



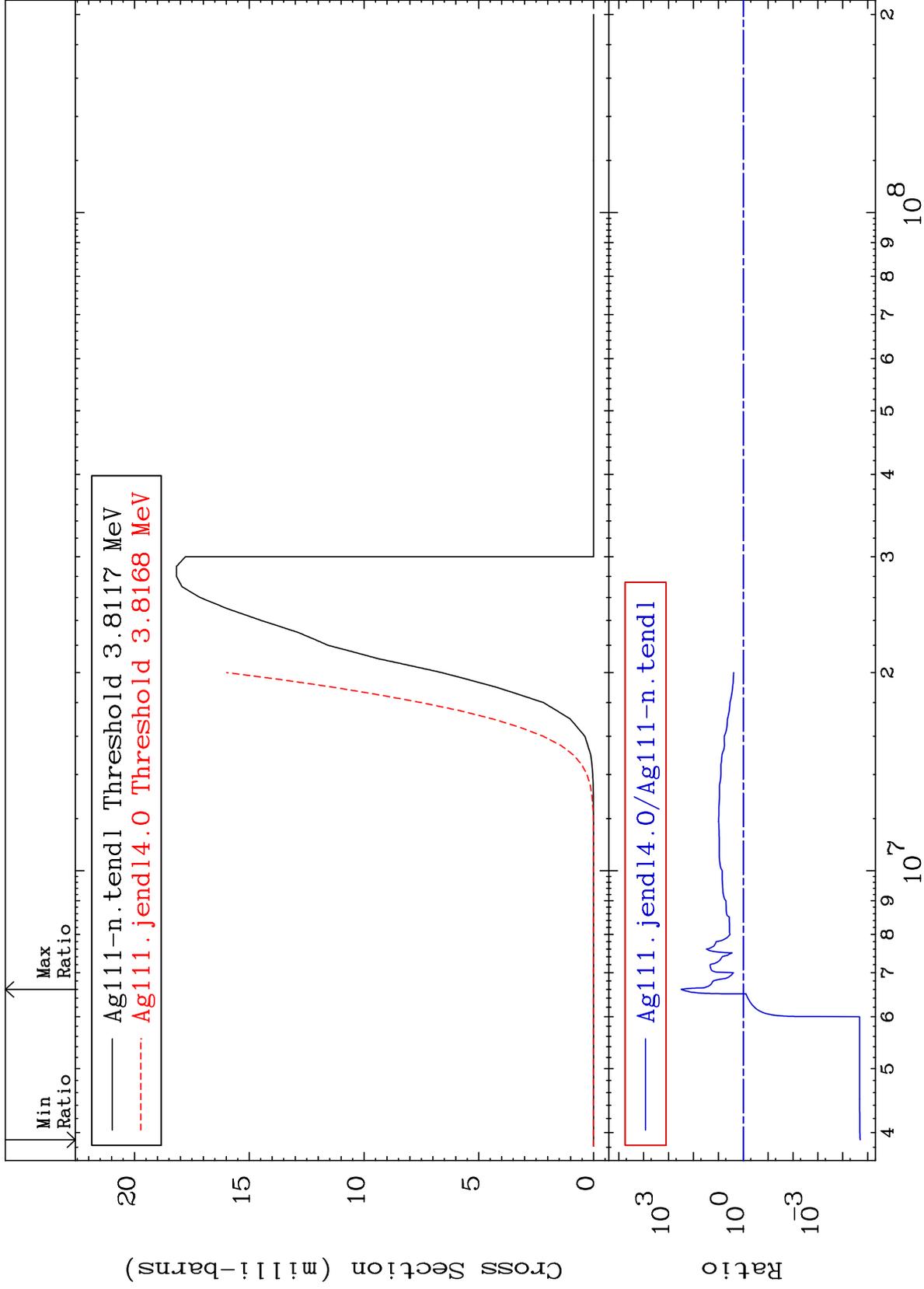
MAT 4737

(n,n')  $\alpha$

47-Ag-111

Cross Section

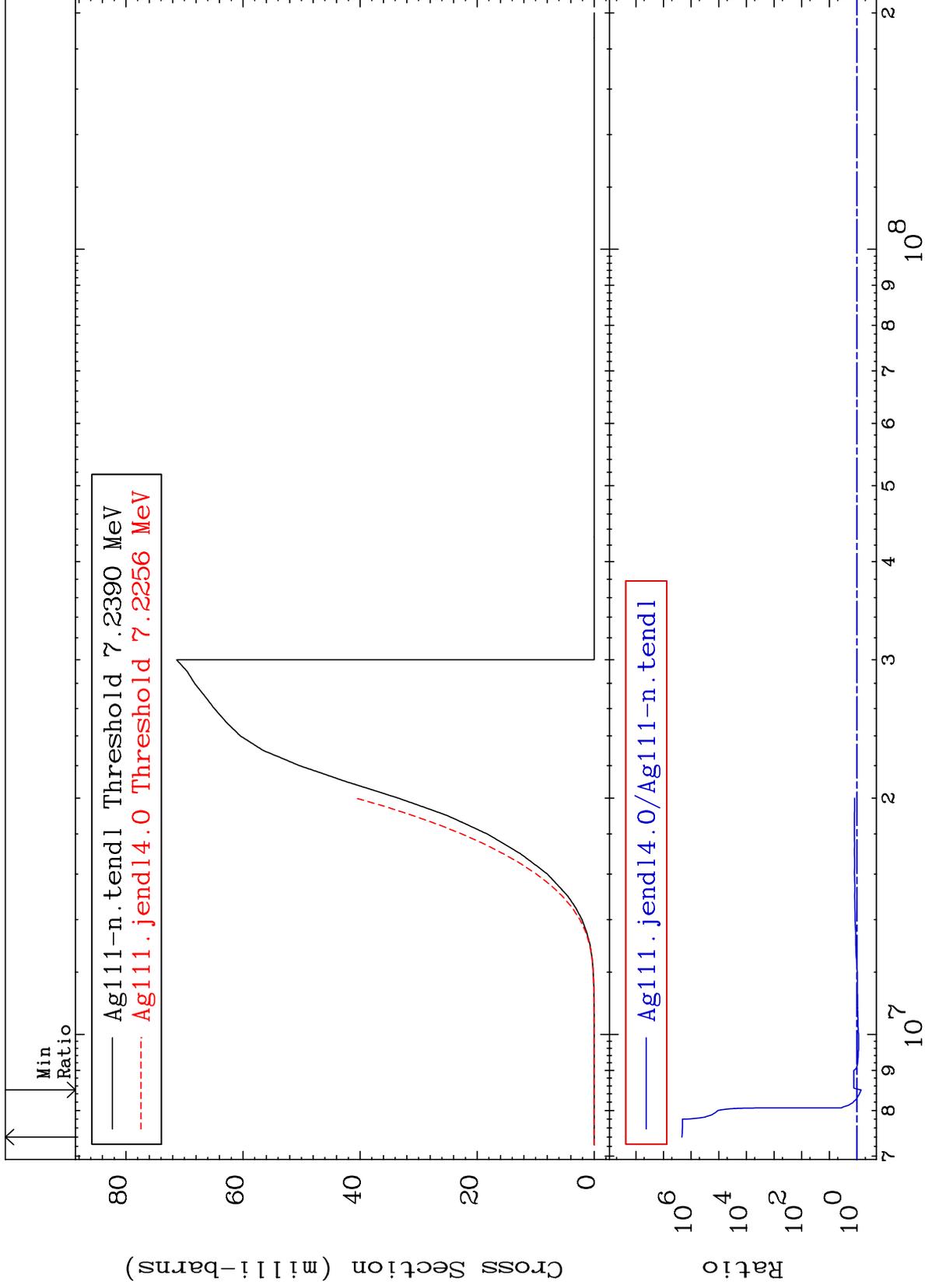
-100.0 To 9999. %



MAT 4737

(n,n') p  
Cross Section

47-Ag-111  
-29.12 To 9999. %



7

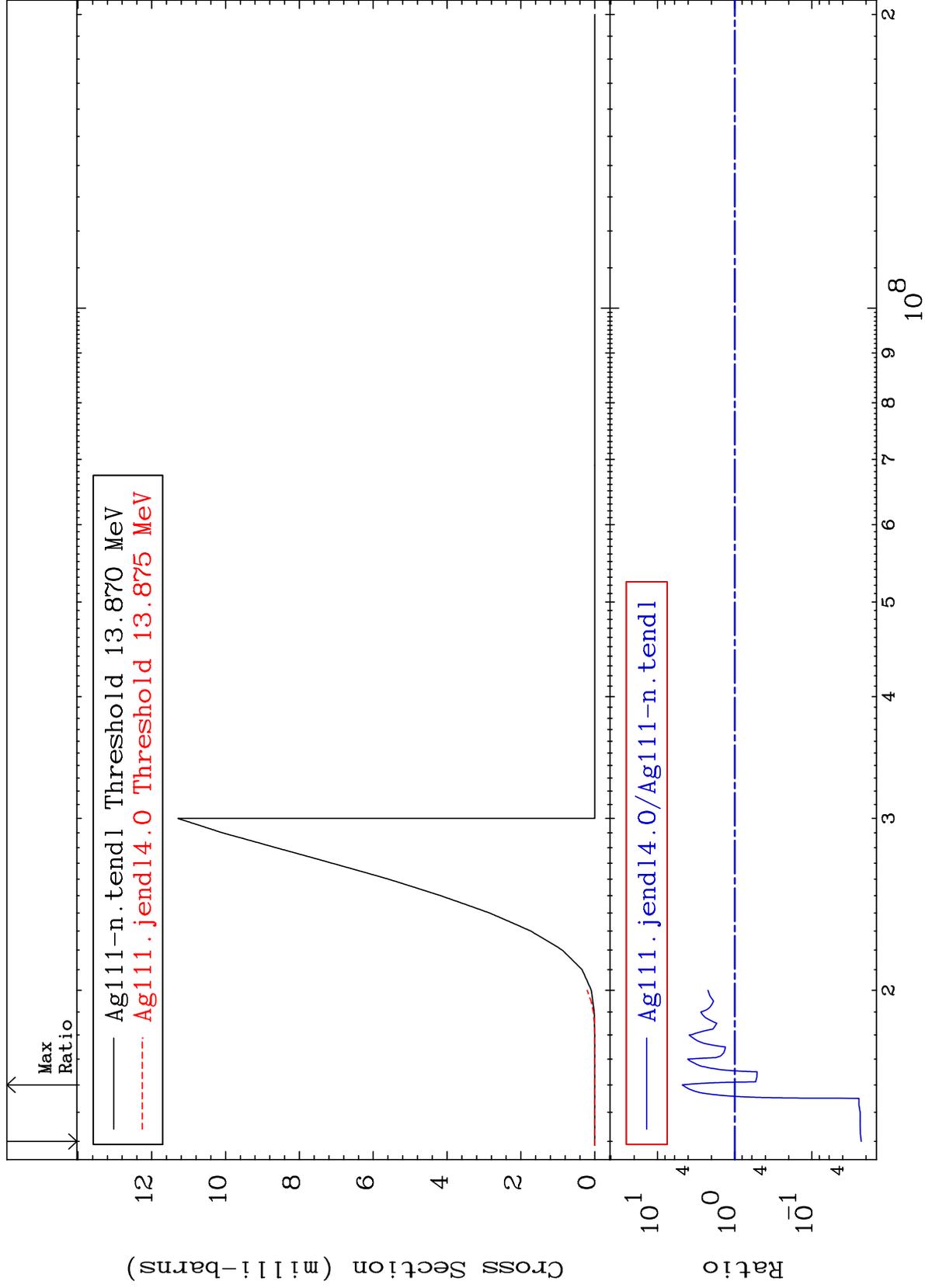
Incident Energy (eV)

47-Ag-111

MAT 4737

(n,n') d  
Cross Section

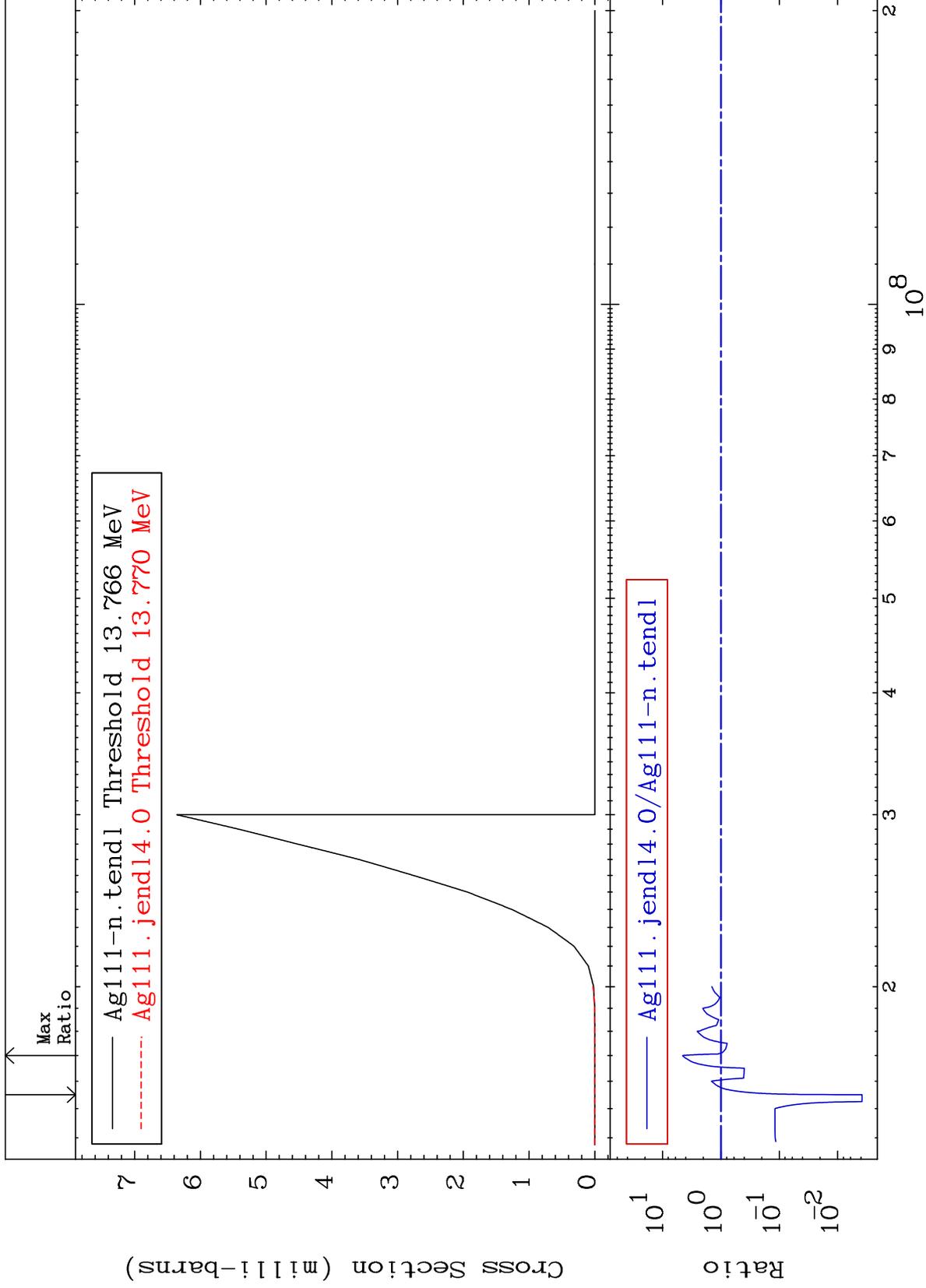
47-Ag-111  
-97.70 To 375.9 %



MAT 4737

(n,n') t  
Cross Section

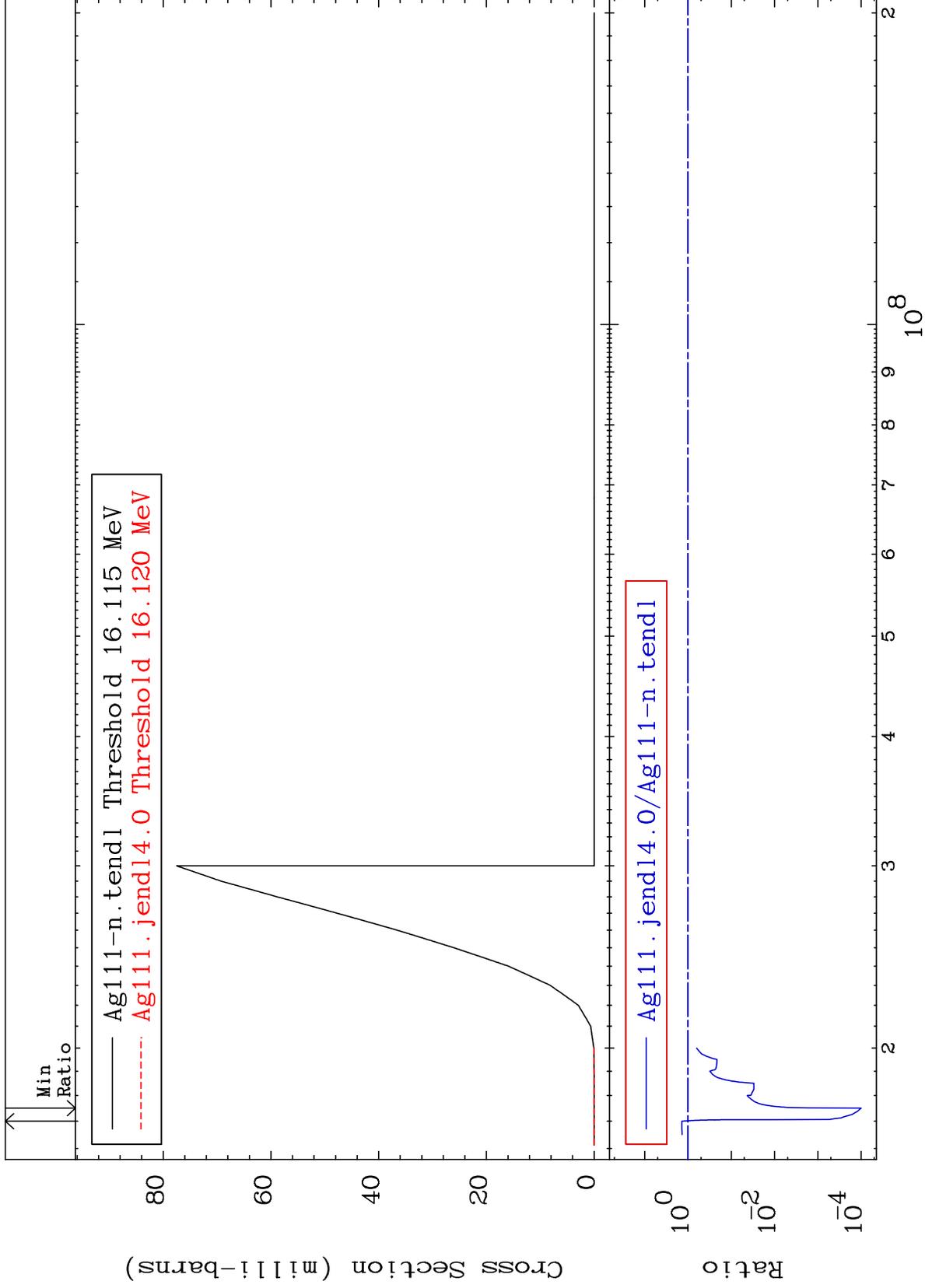
47-Ag-111  
-99.62 To 353.1 %



MAT 4737

(n,2n) p  
Cross Section

47-Ag-111  
-99.99 To 38.27 %



10

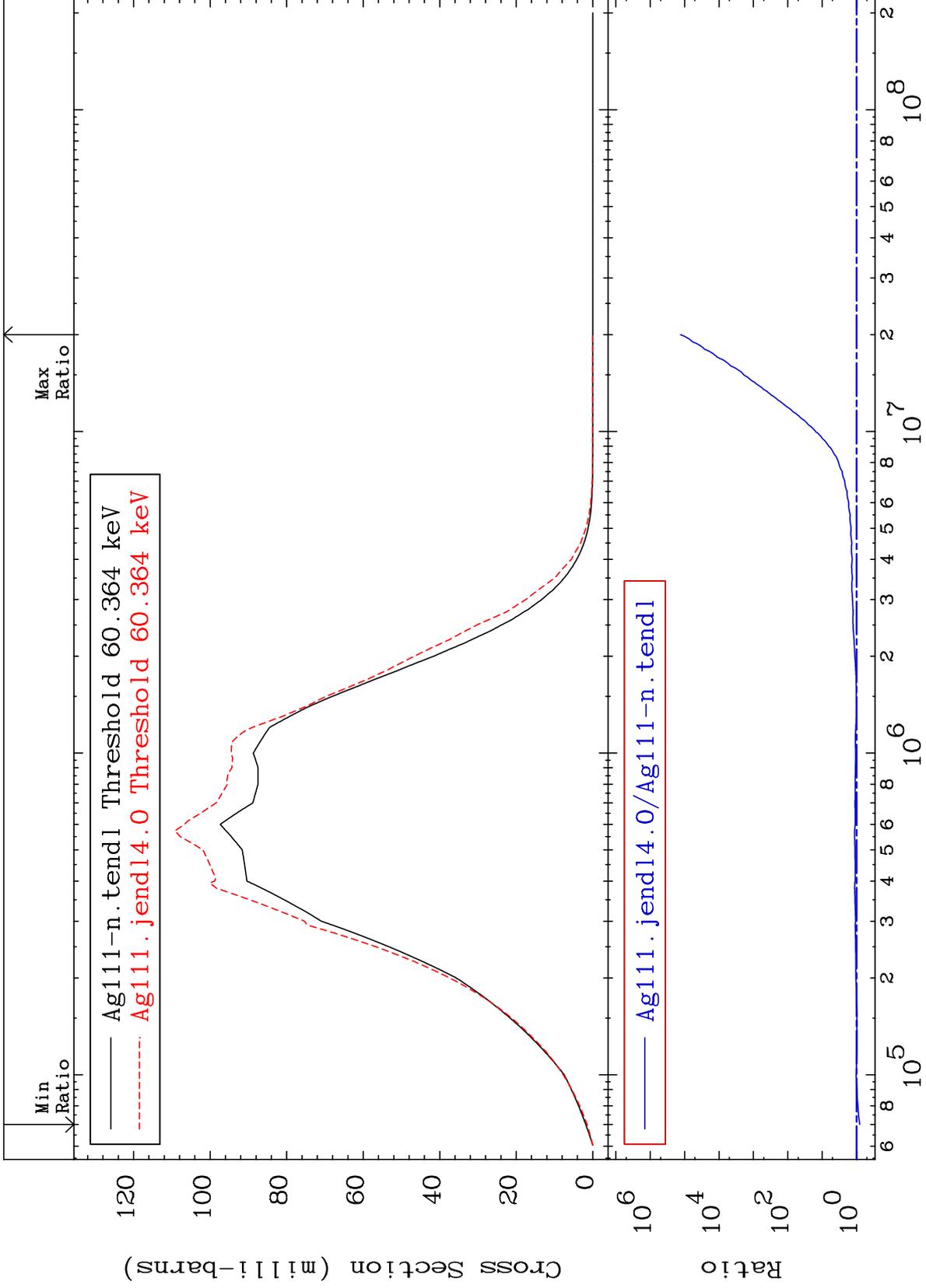
Incident Energy (eV)

47-Ag-111

MAT 4737

59.82 keV (n,n') Level  
Cross Section

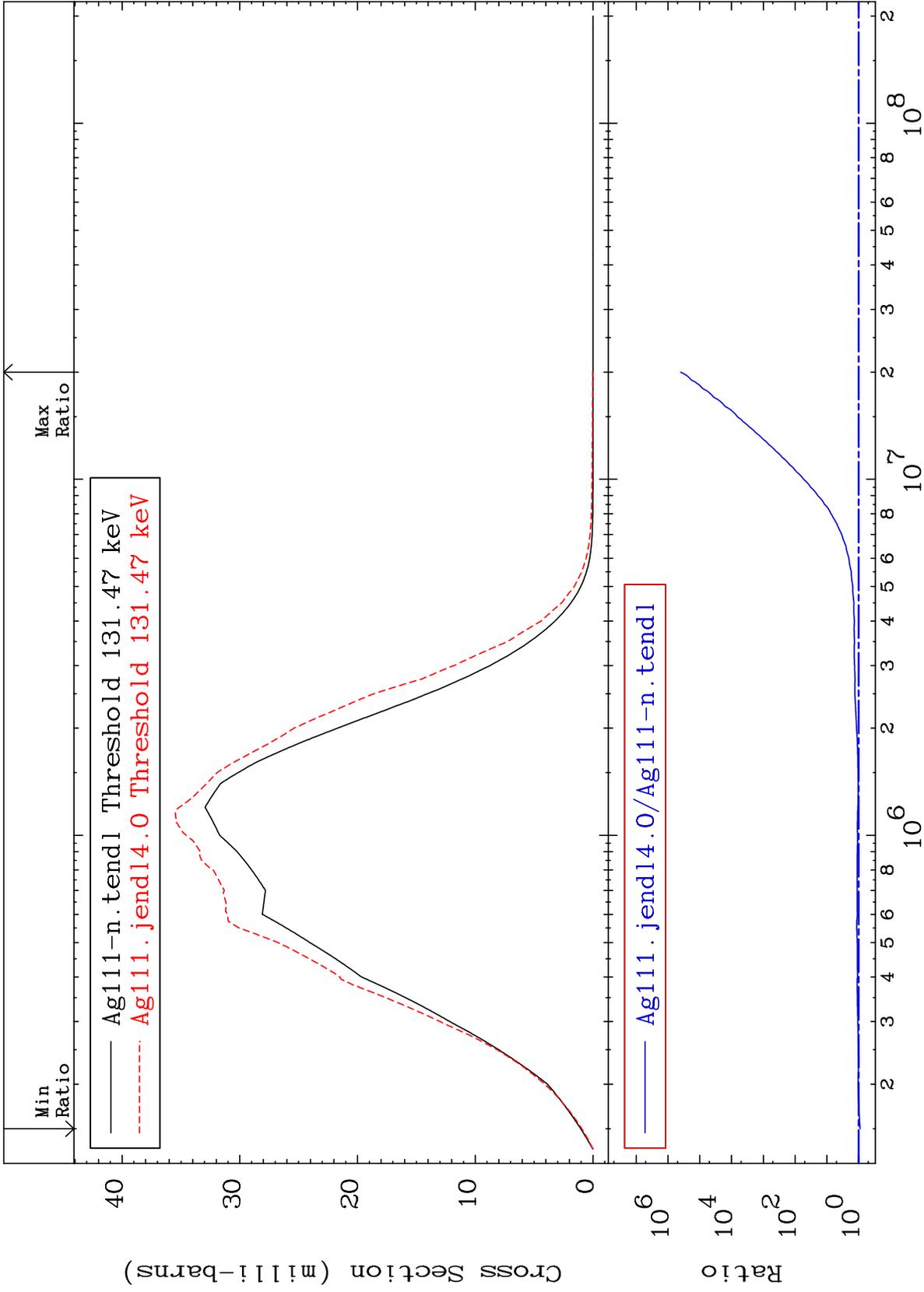
47-Ag-111  
-19.36 To 9999. %



MAT 4737

130.3 keV (n,n') Level  
Cross Section

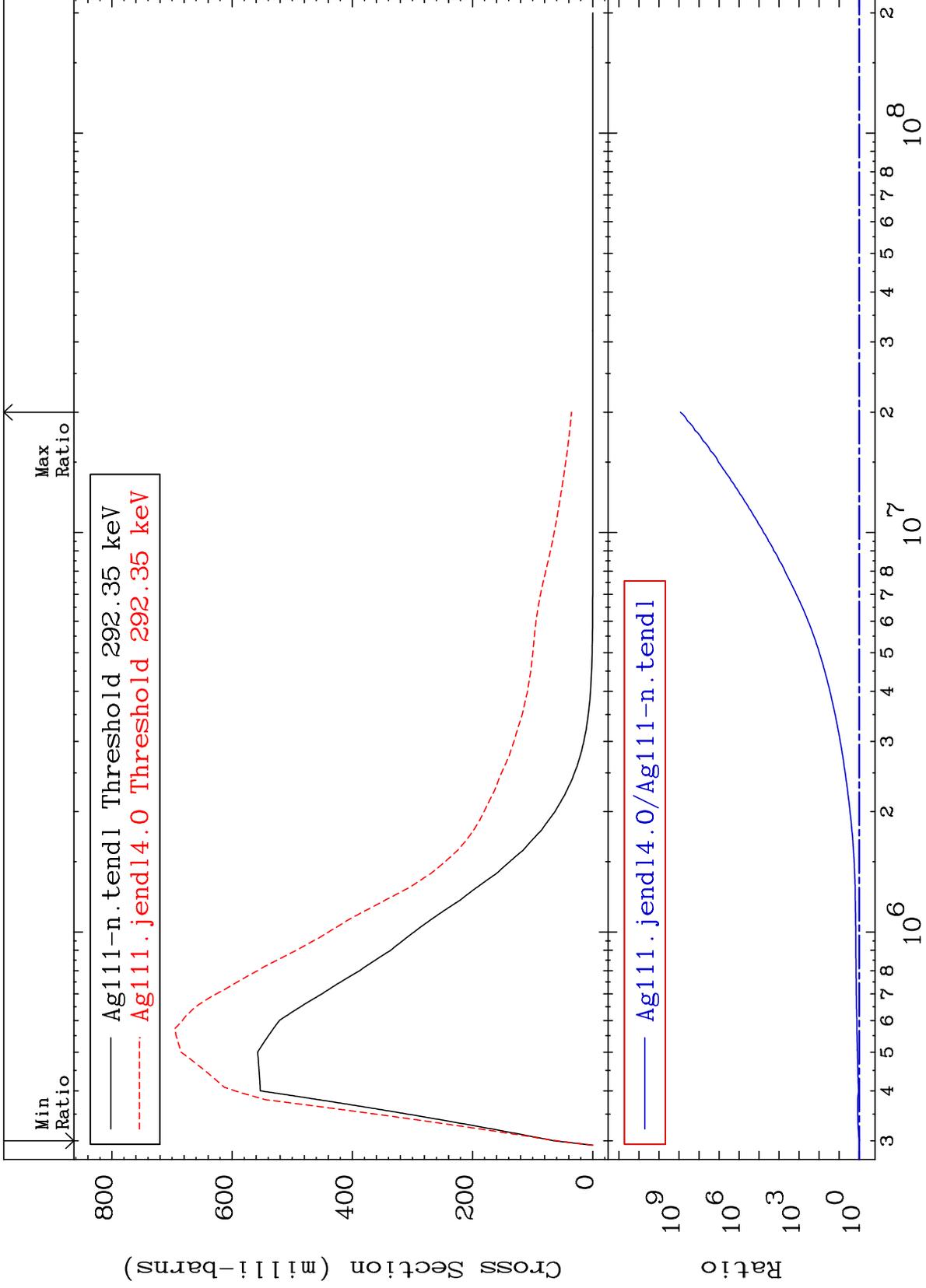
47-Ag-111  
-9.412 To 9999. %



MAT 4737

289.7 keV (n,n') Level  
Cross Section

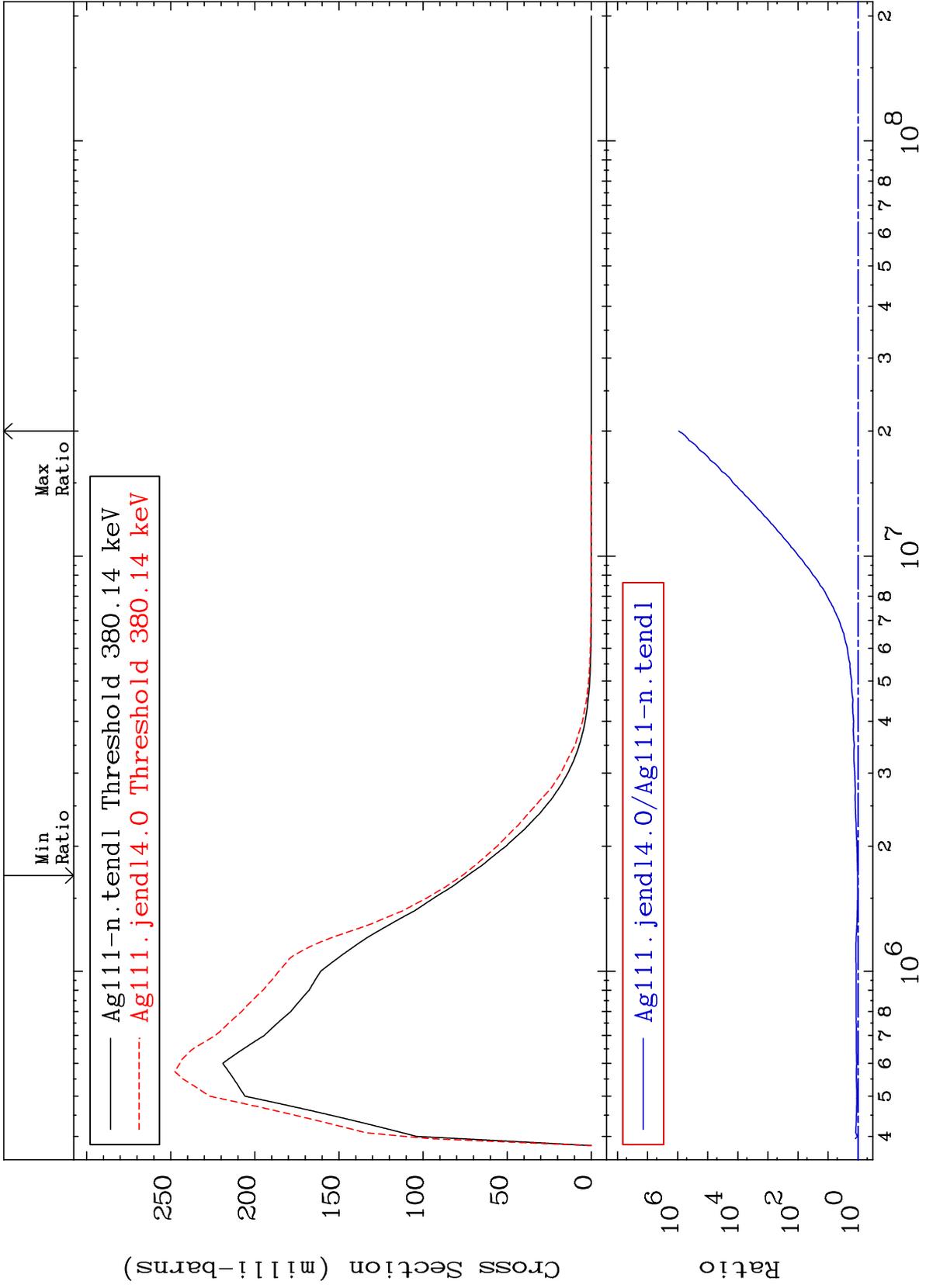
47-Ag-111  
-6.786 To 9999. %



MAT 4737

376.7 keV (n,n') Level  
Cross Section

47-Ag-111  
4.092 To 9999. %



14

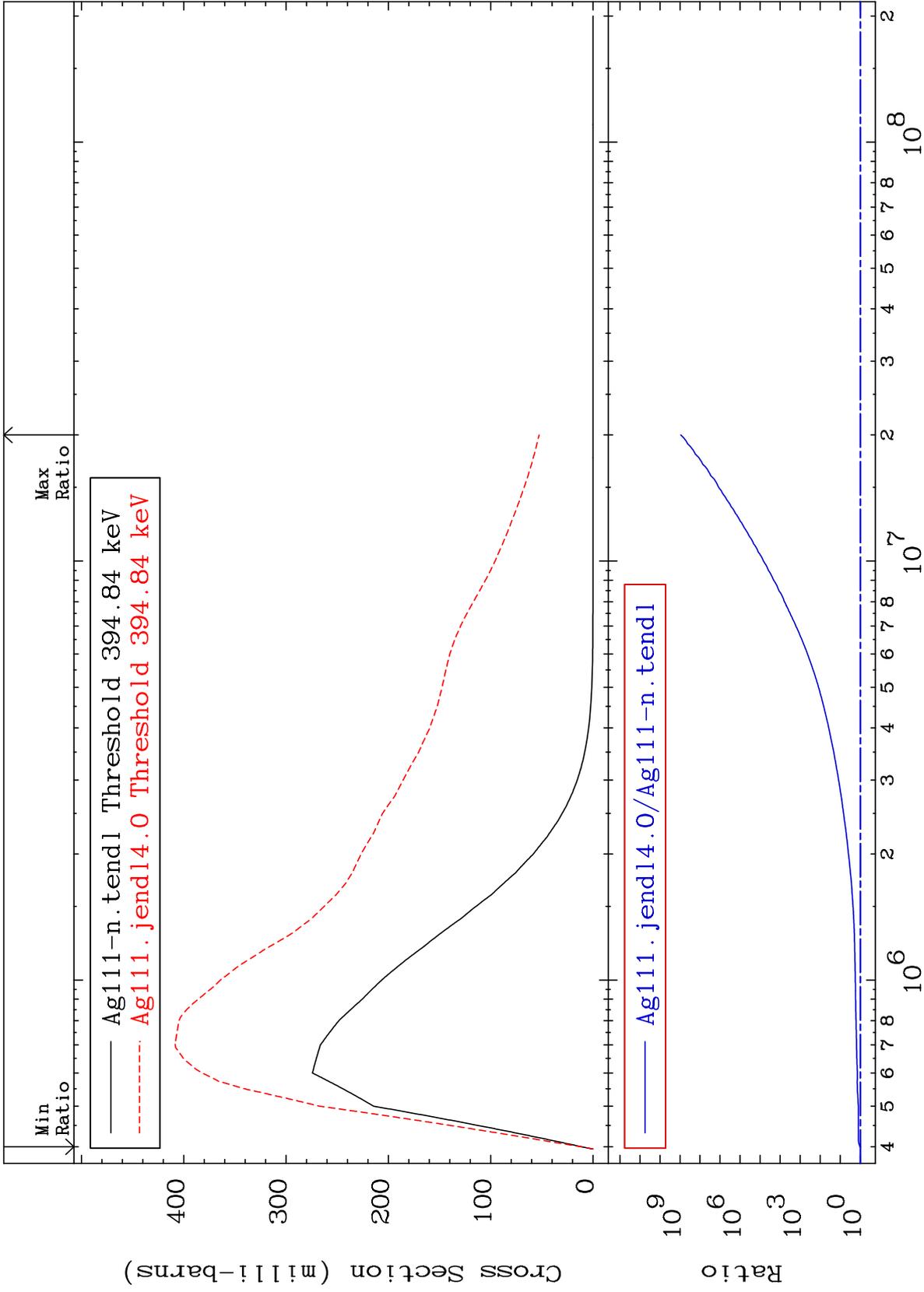
Incident Energy (eV)

47-Ag-111

MAT 4737

391.3 keV (n,n') Level  
Cross Section

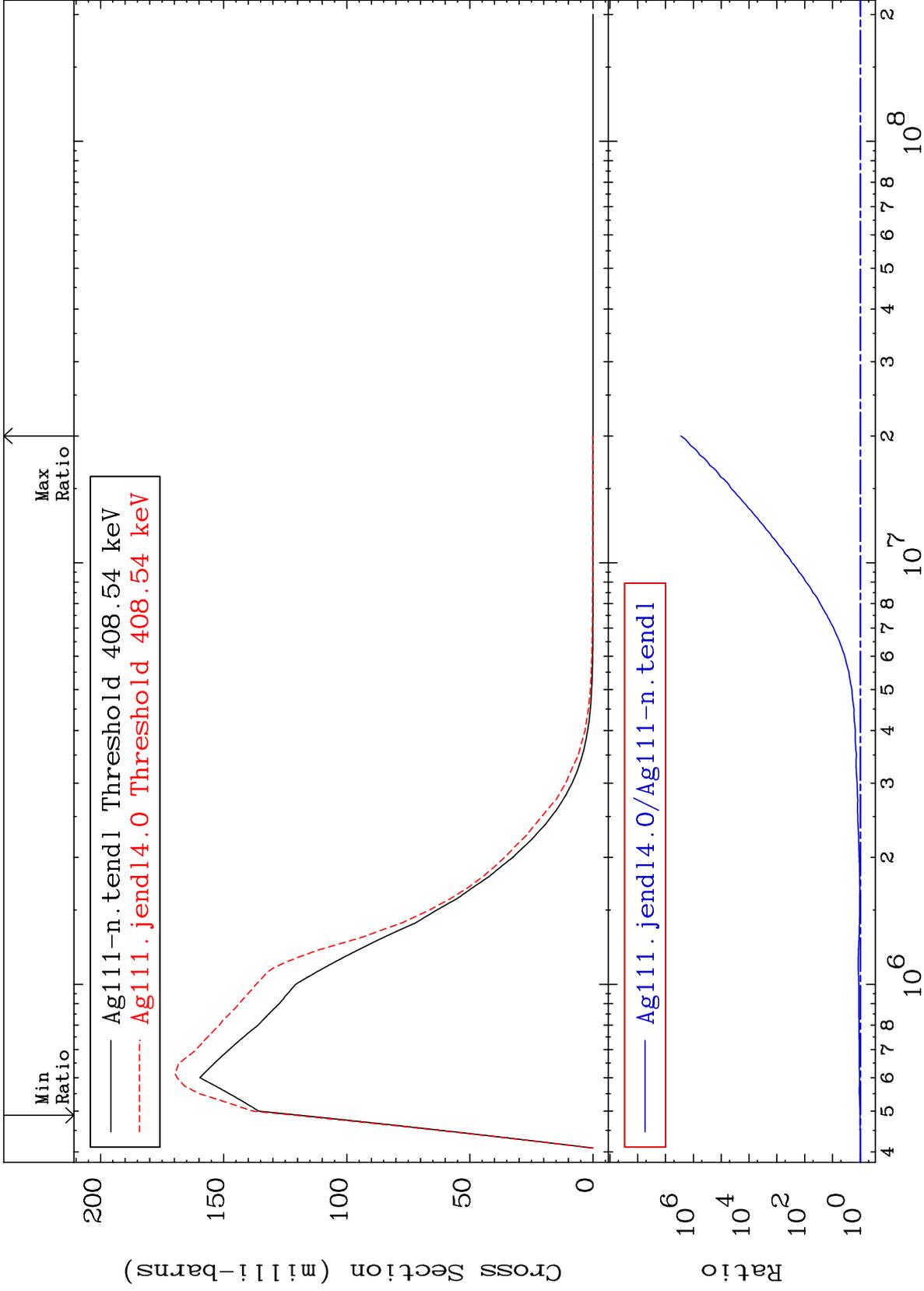
47-Ag-111  
2.007 To 9999. %



MAT 4737

404.9 keV (n,n') Level  
Cross Section

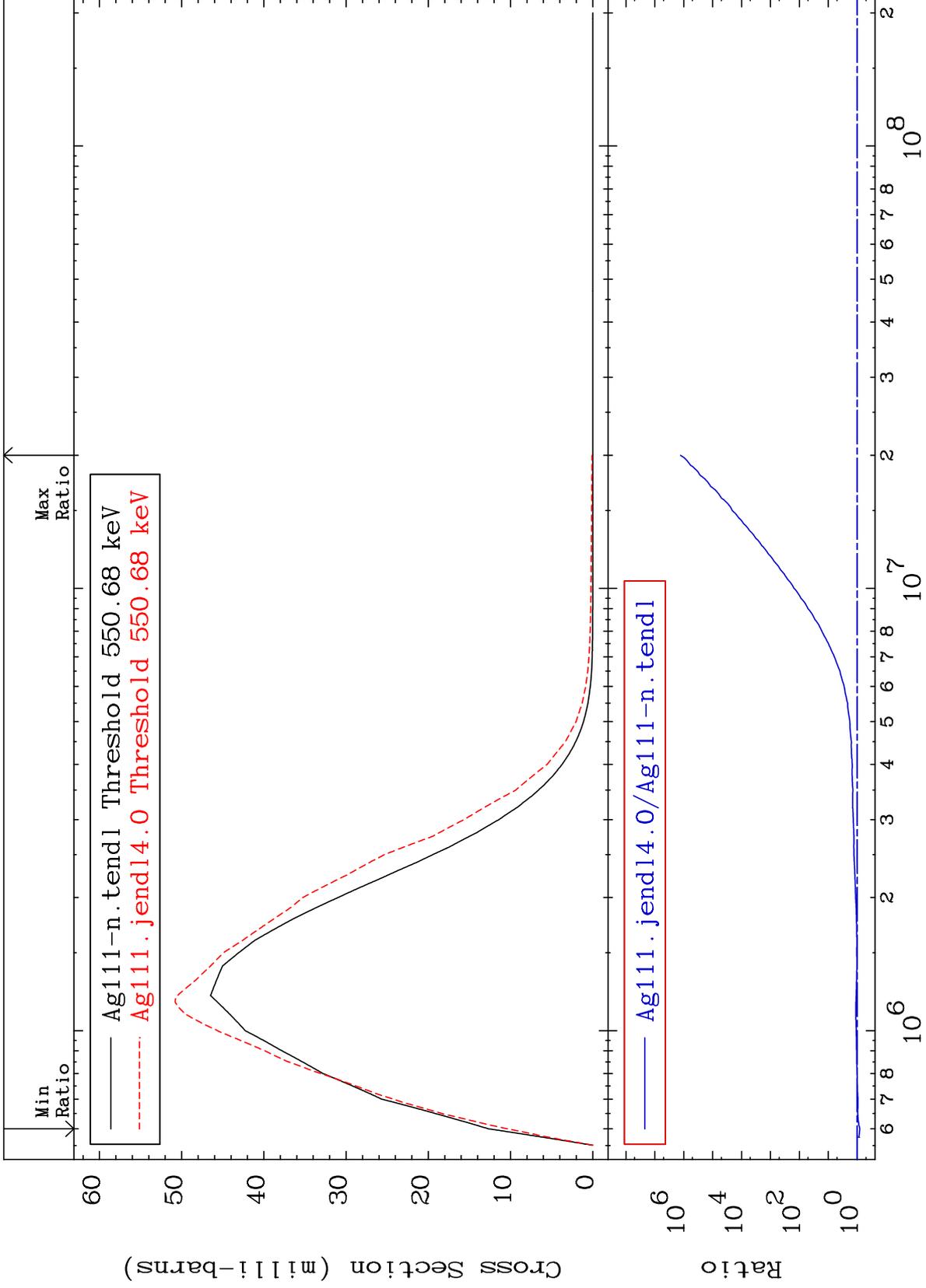
47-Ag-111  
1.814 To 9999. %



MAT 4737

545.7 keV (n,n') Level  
Cross Section

47-Ag-111  
-18.31 To 9999. %



17

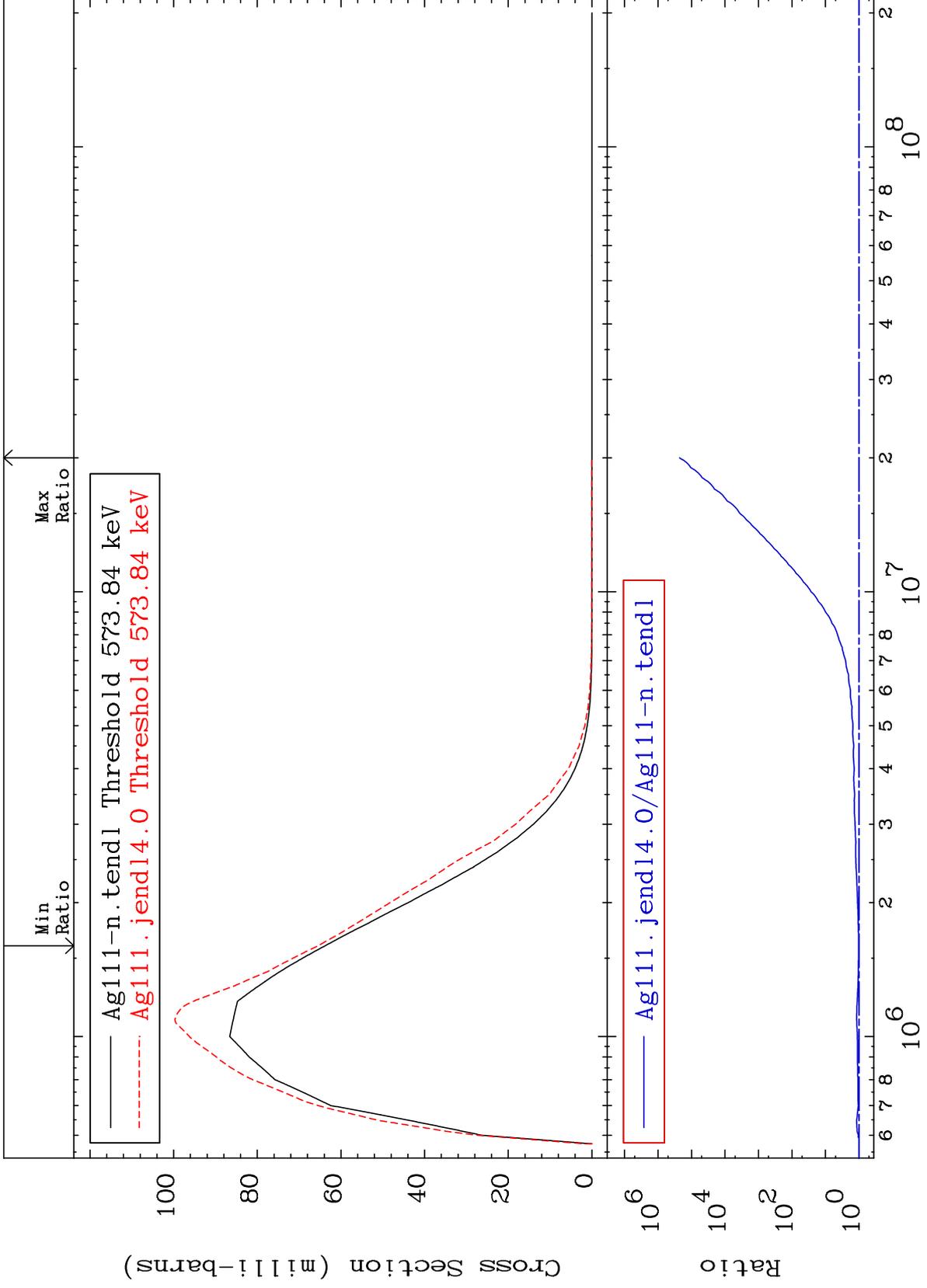
Incident Energy (eV)

47-Ag-111

MAT 4737

568.7 keV (n,n') Level  
Cross Section

47-Ag-111  
2.688 To 9999. %



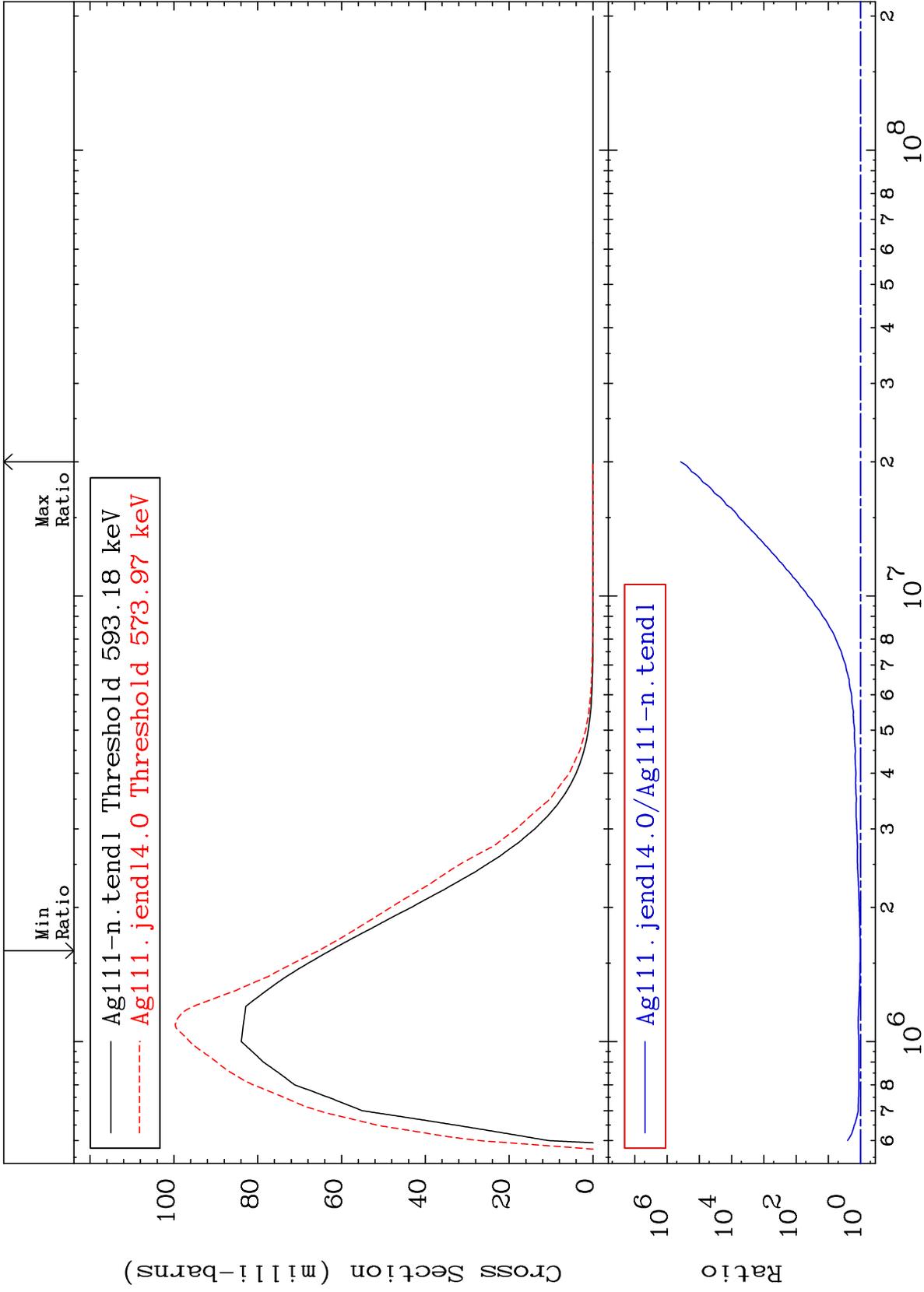
18

47-Ag-111

MAT 4737

587.8 keV (n,n') Level  
Cross Section

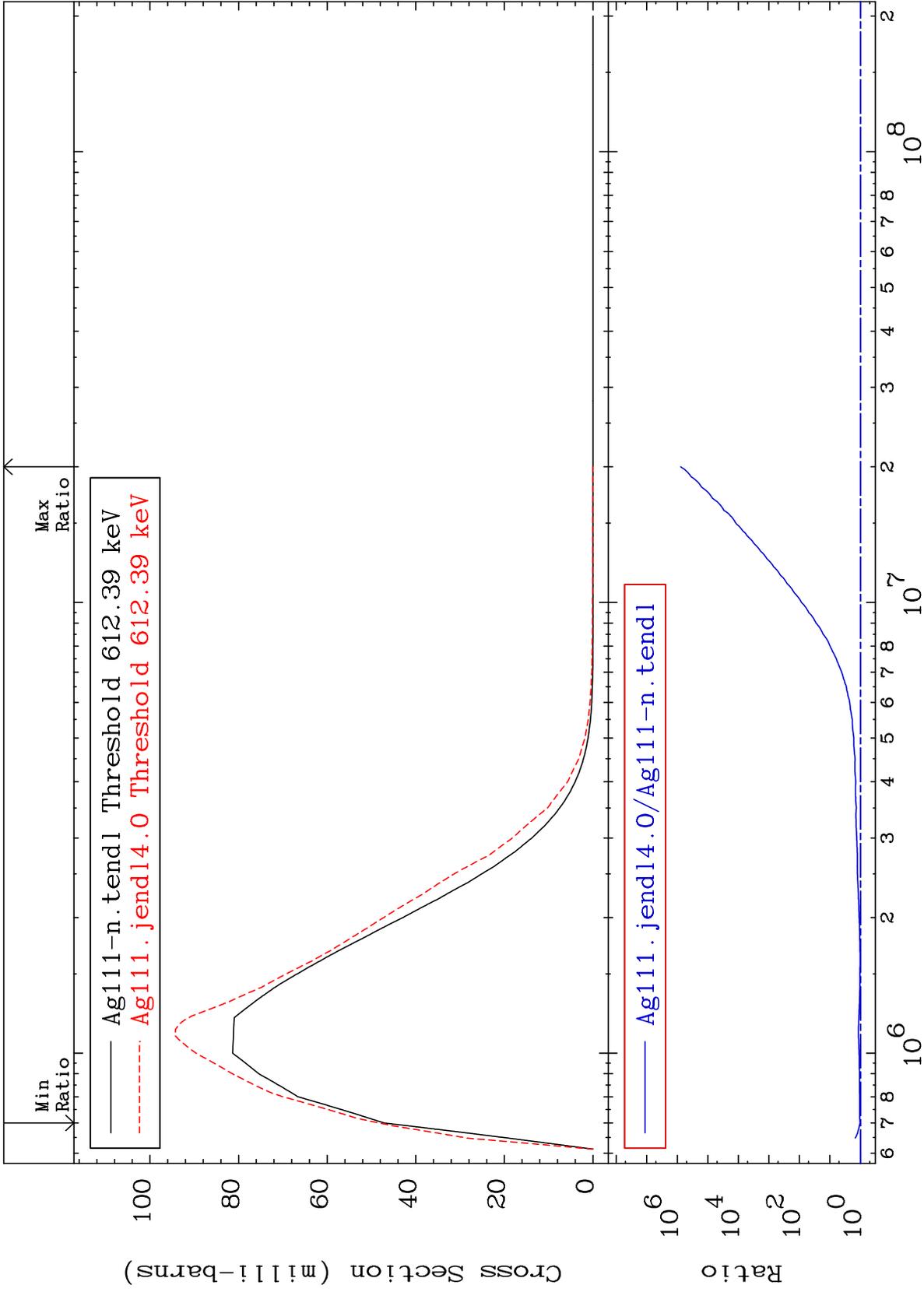
47-Ag-111  
4.373 To 9999. %



MAT 4737

606.9 keV (n,n') Level  
Cross Section

47-Ag-111  
2.452 To 9999. %



20

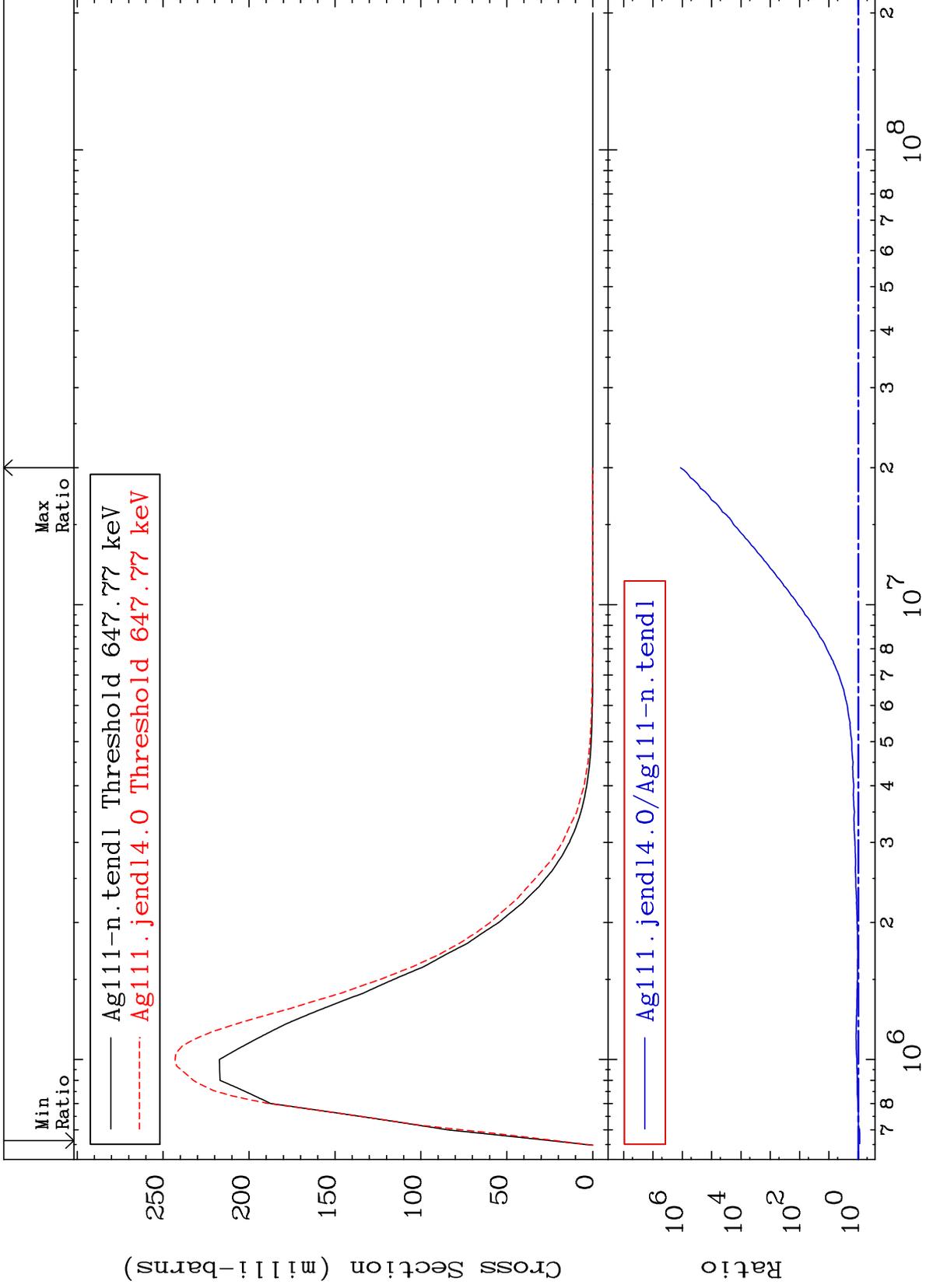
Incident Energy (eV)

47-Ag-111

MAT 4737

641.9 keV (n,n') Level  
Cross Section

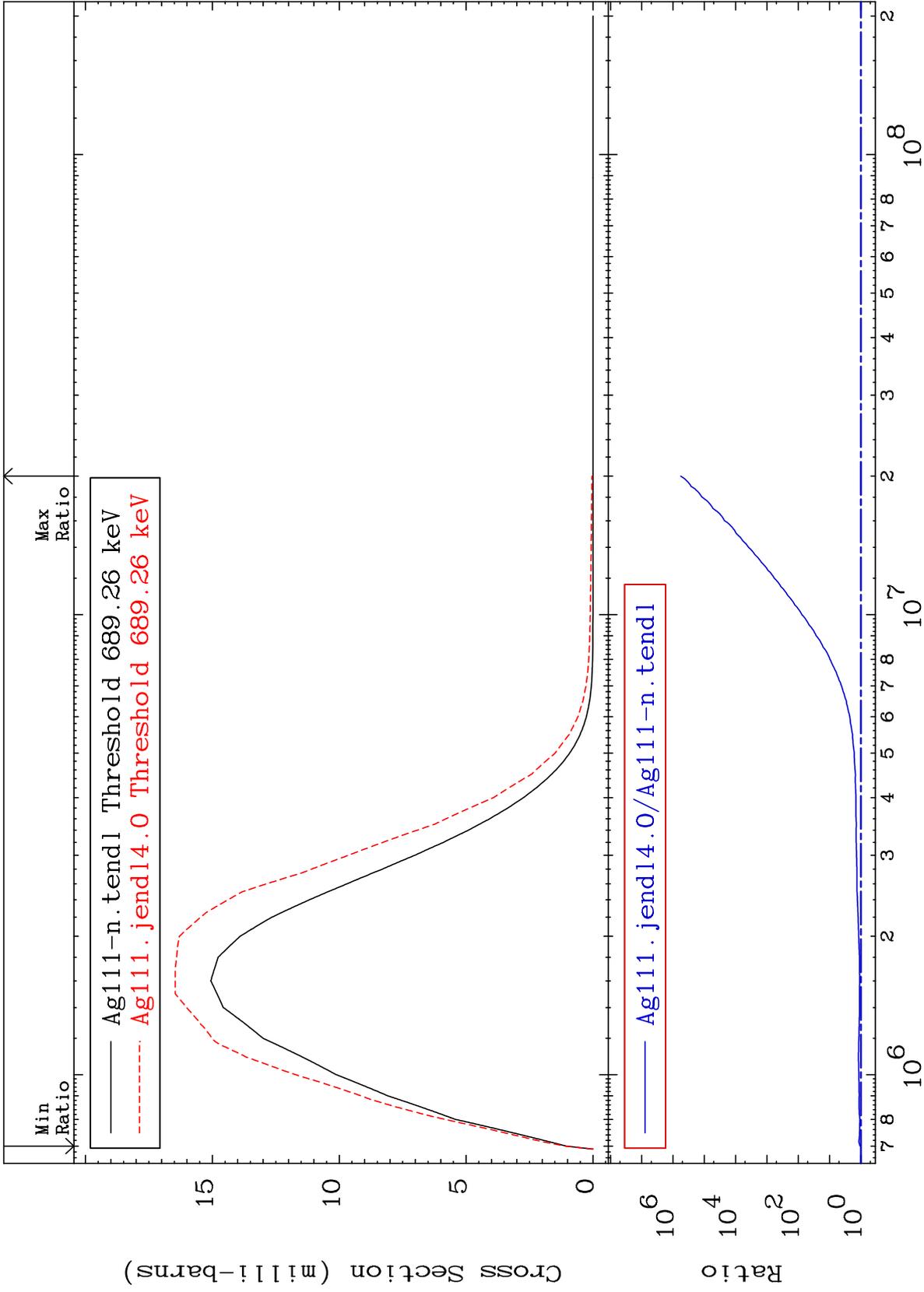
47-Ag-111  
-11.38 To 9999. %

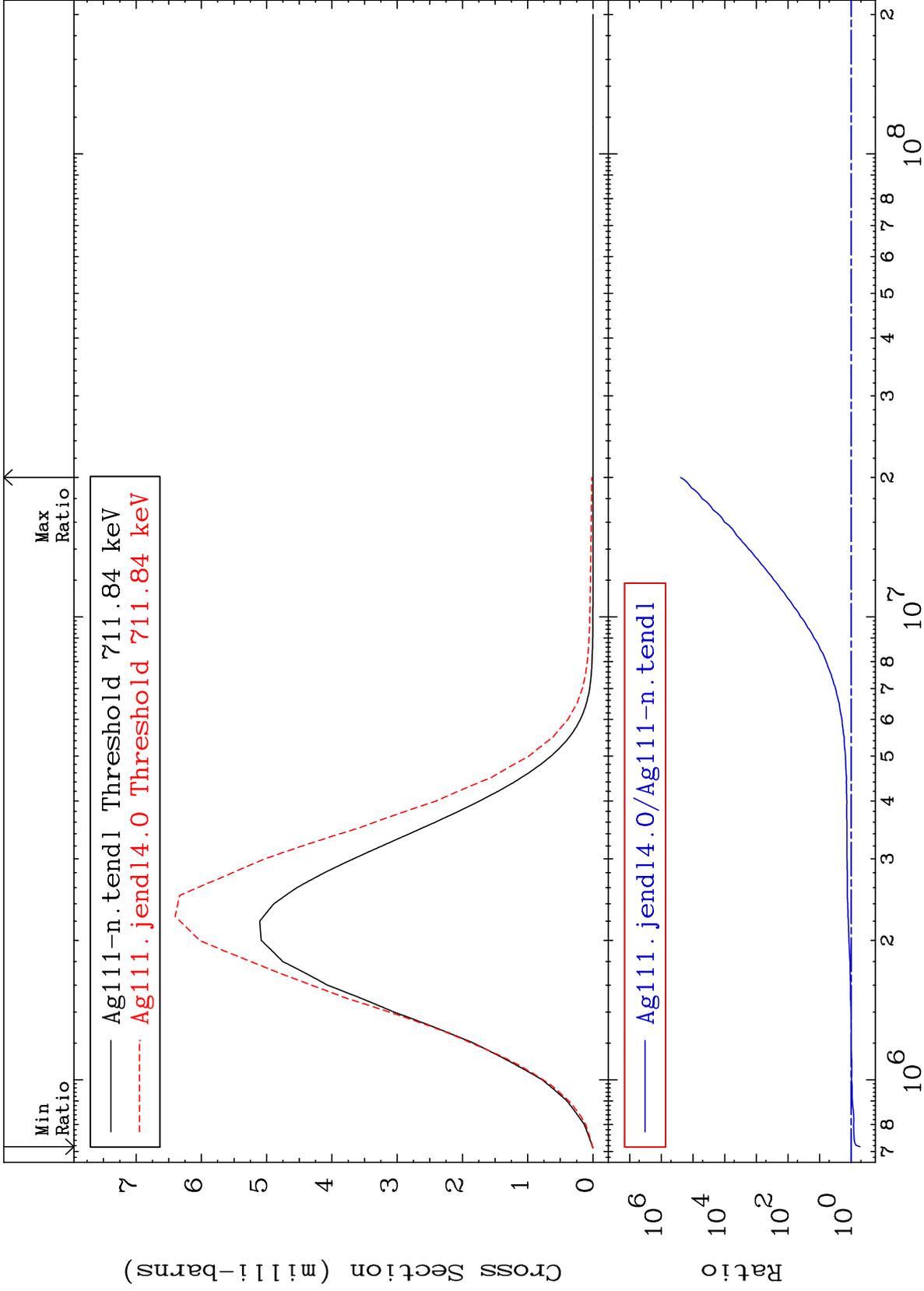


MAT 4737

683.1 keV (n,n') Level  
Cross Section

47-Ag-111  
5.736 To 9999. %

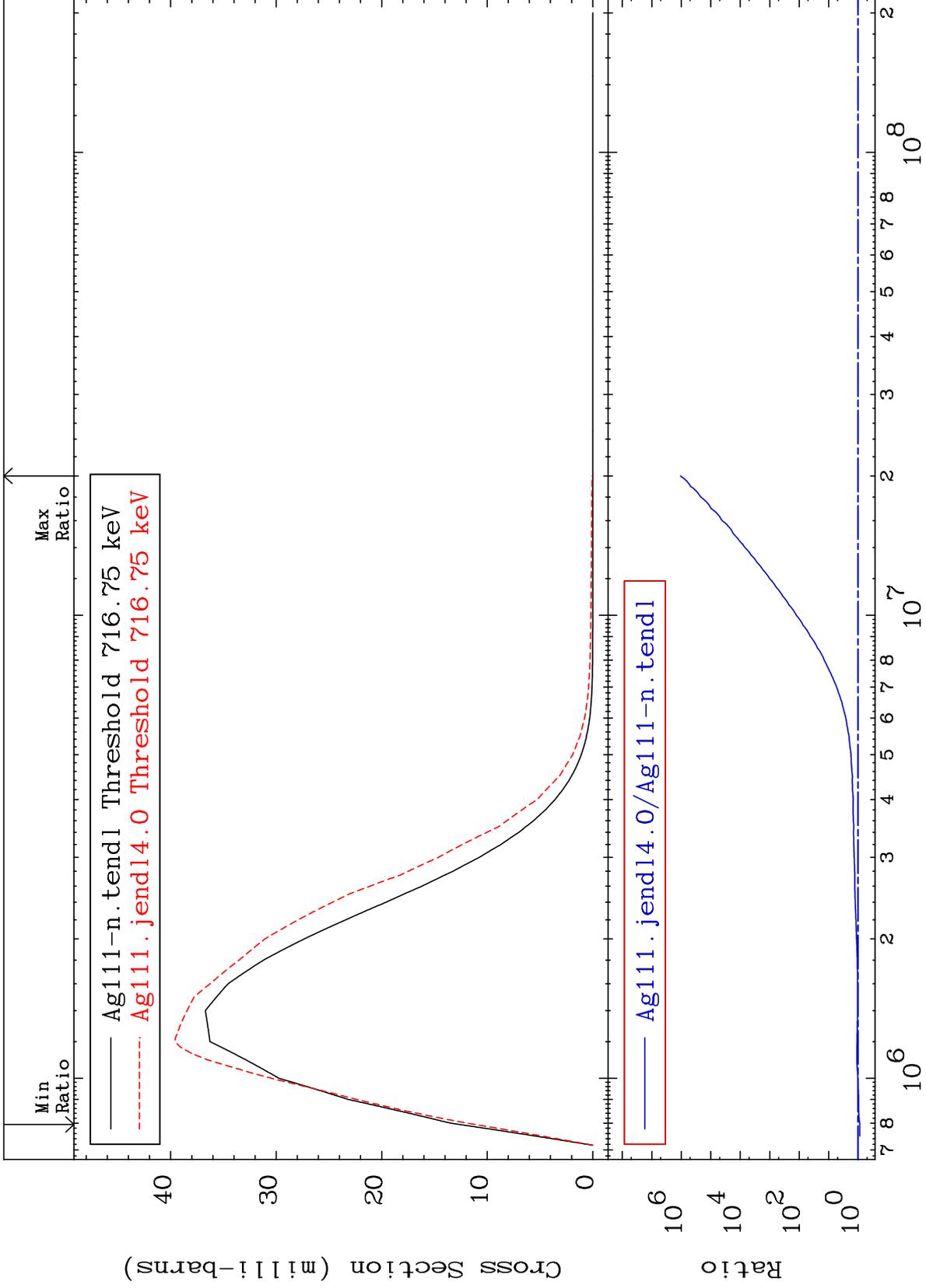




MAT 4737

710.3 keV (n,n') Level  
Cross Section

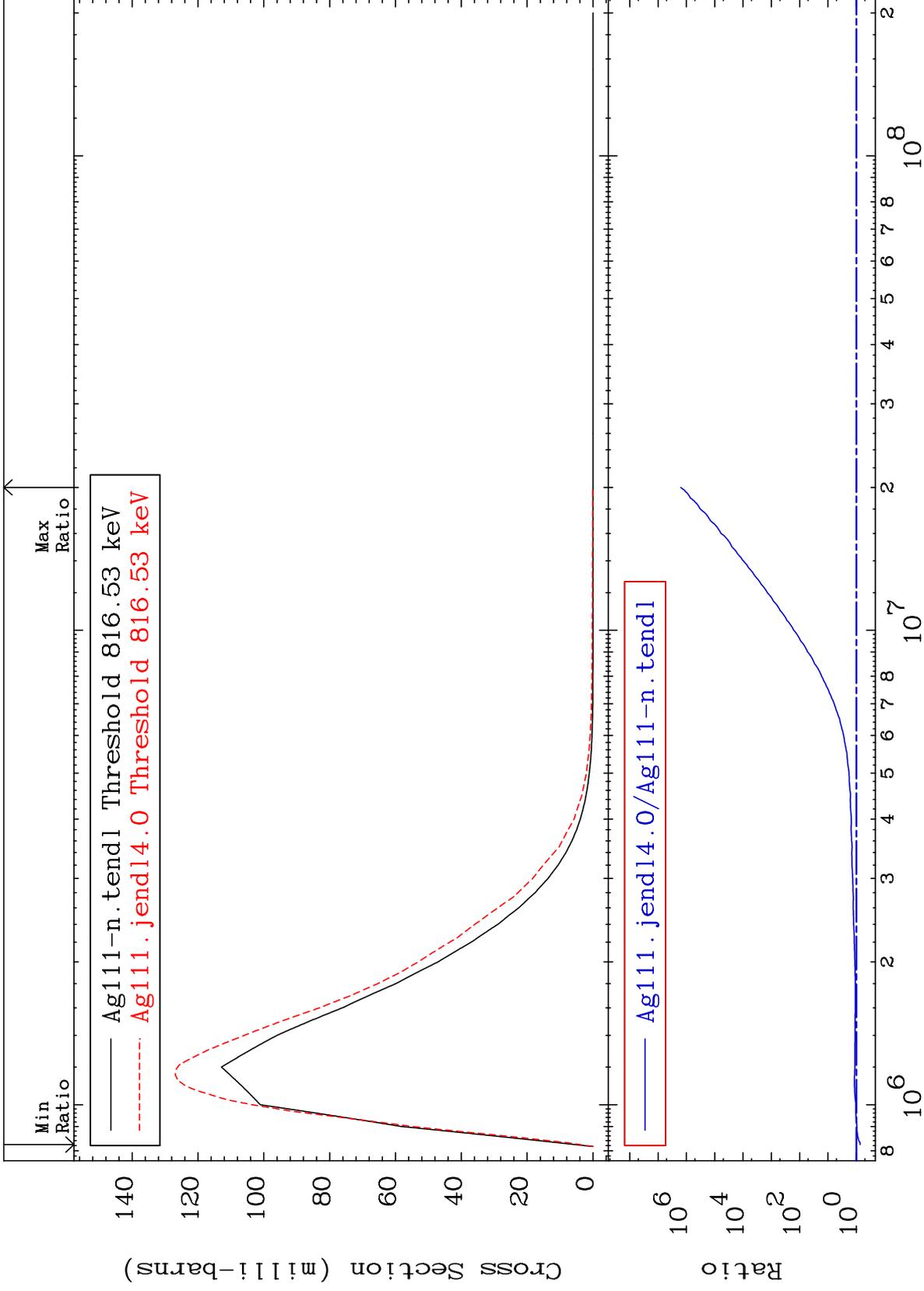
47-Ag-111  
-11.79 To 9999. %



MAT 4737

809.2 keV (n,n') Level  
Cross Section

47-Ag-111  
-26.58 To 9999. %



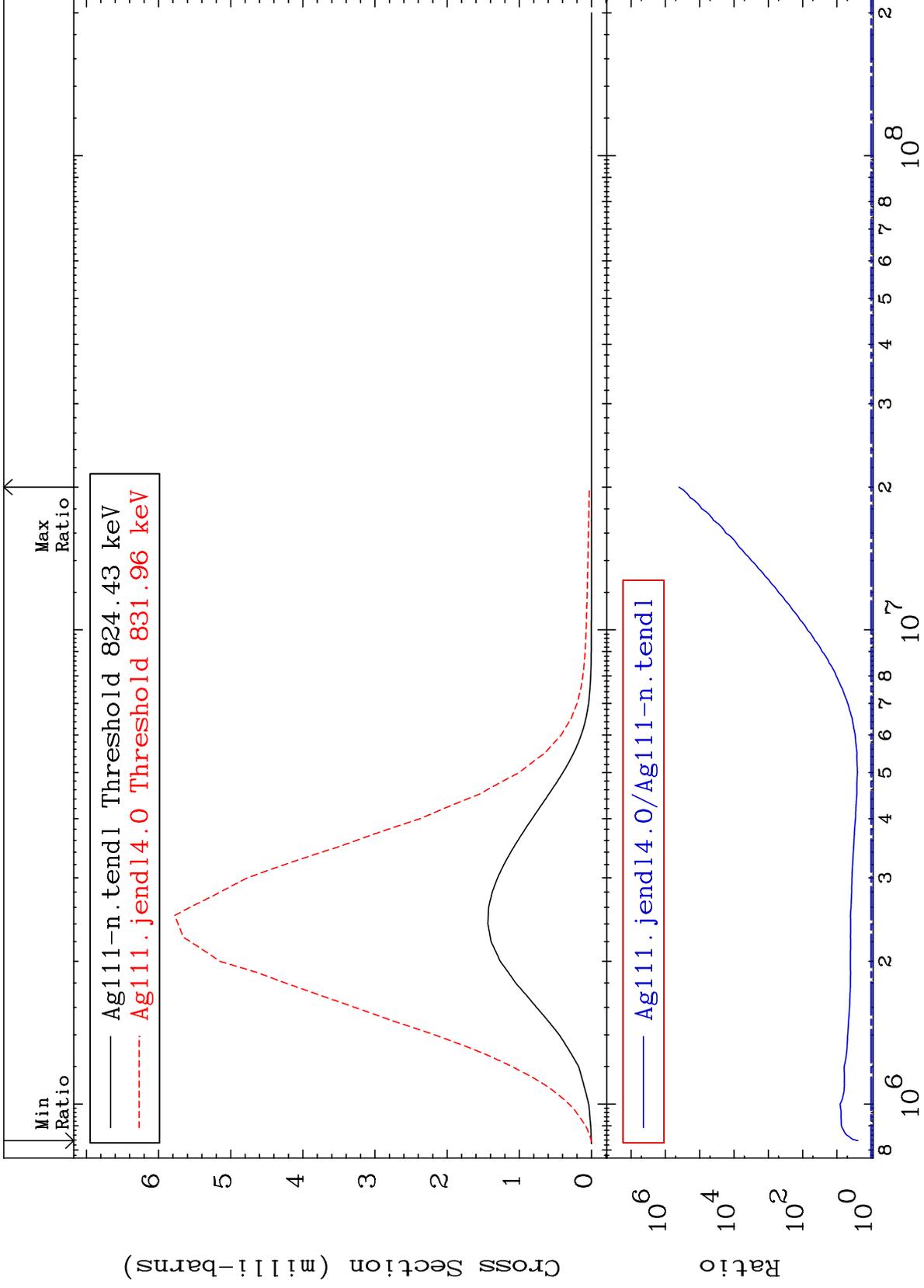
25

47-Ag-111

MAT 4737

817.0 keV (n,n') Level  
Cross Section

47-Ag-111  
145.2 To 9999. %



26

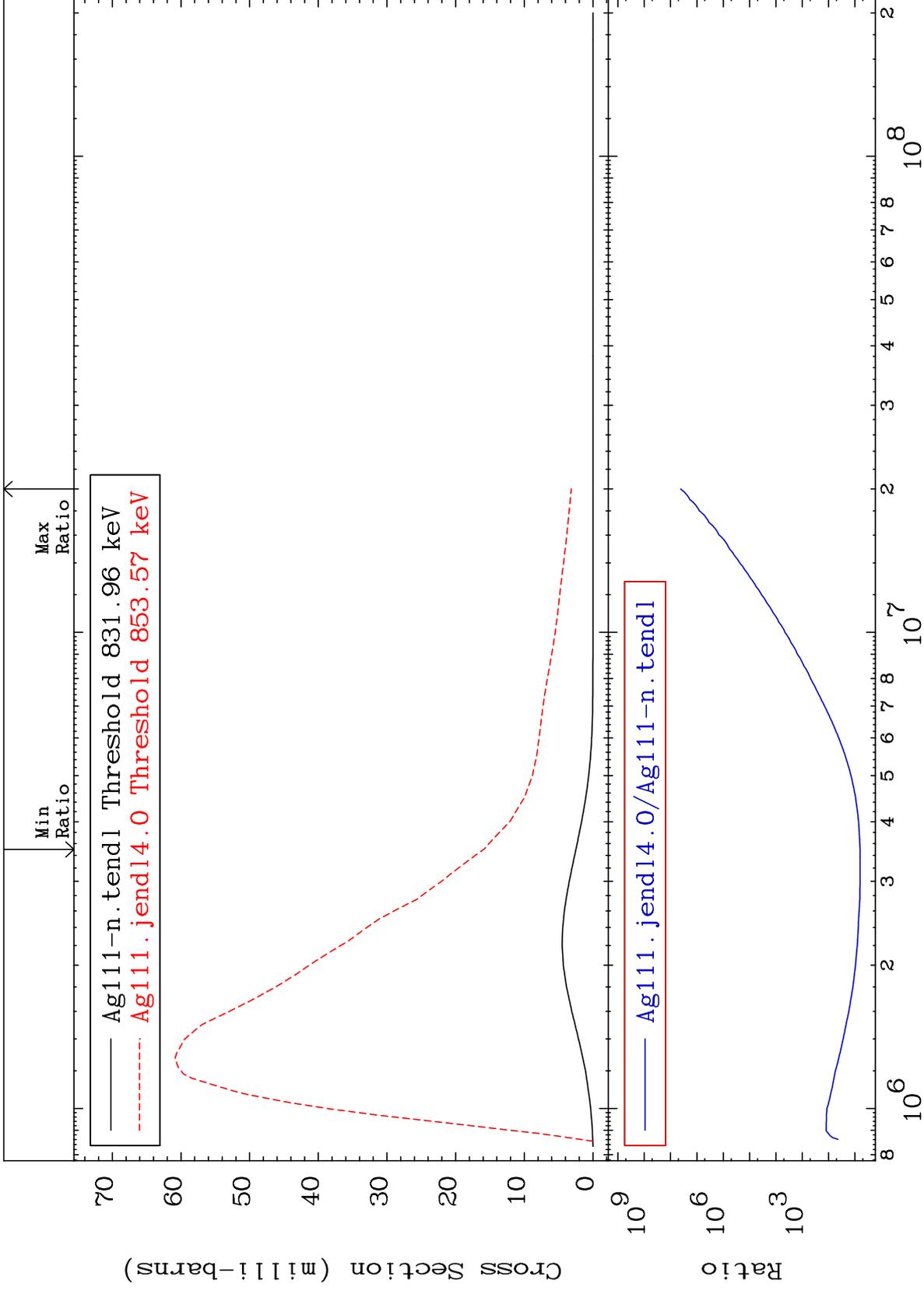
Incident Energy (eV)

47-Ag-111

MAT 4737

824.5 keV (n,n') Level  
Cross Section

47-Ag-111  
538.9 To 9999. %



27

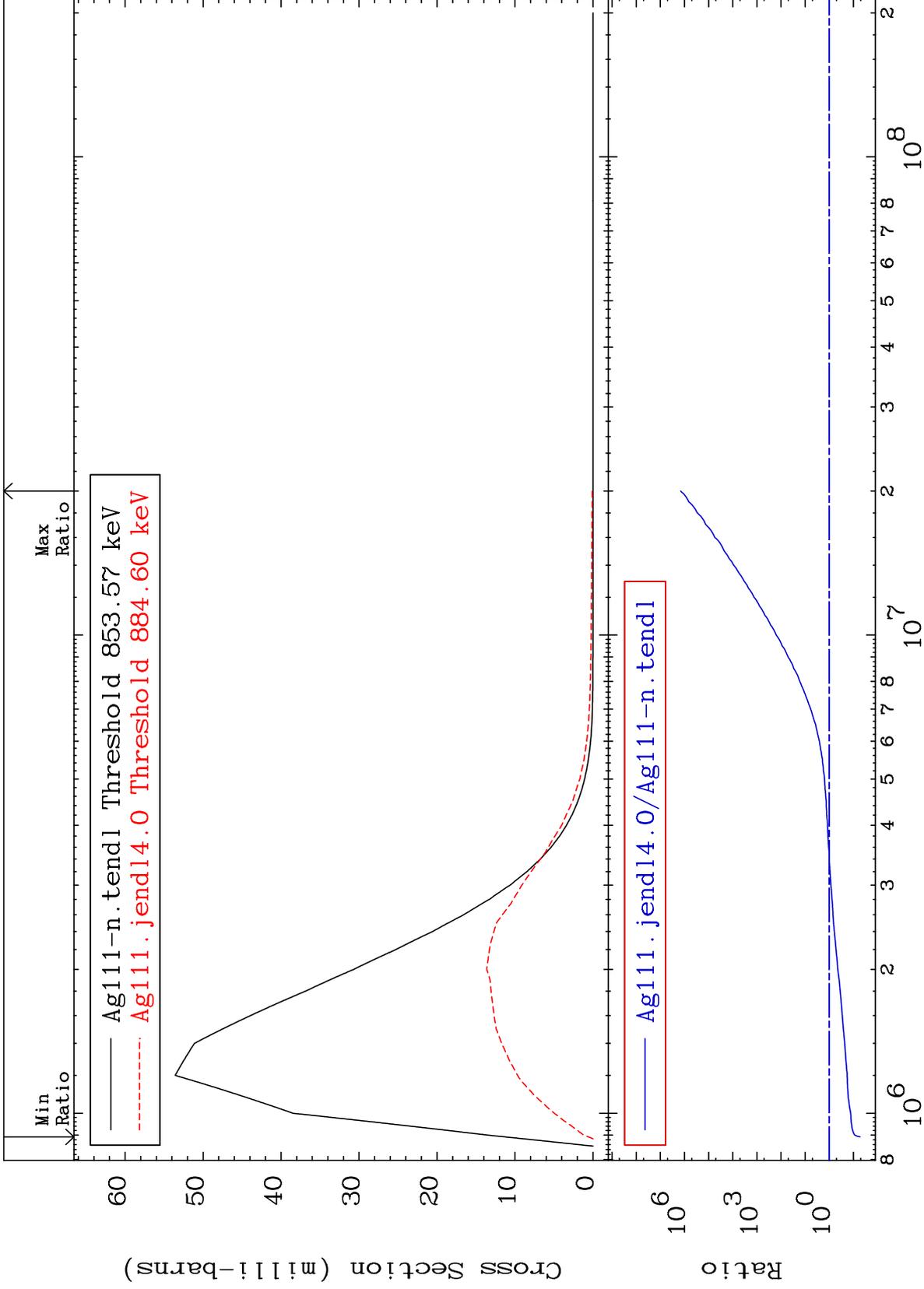
Incident Energy (eV)

47-Ag-111

MAT 4737

845.9 keV (n,n') Level  
Cross Section

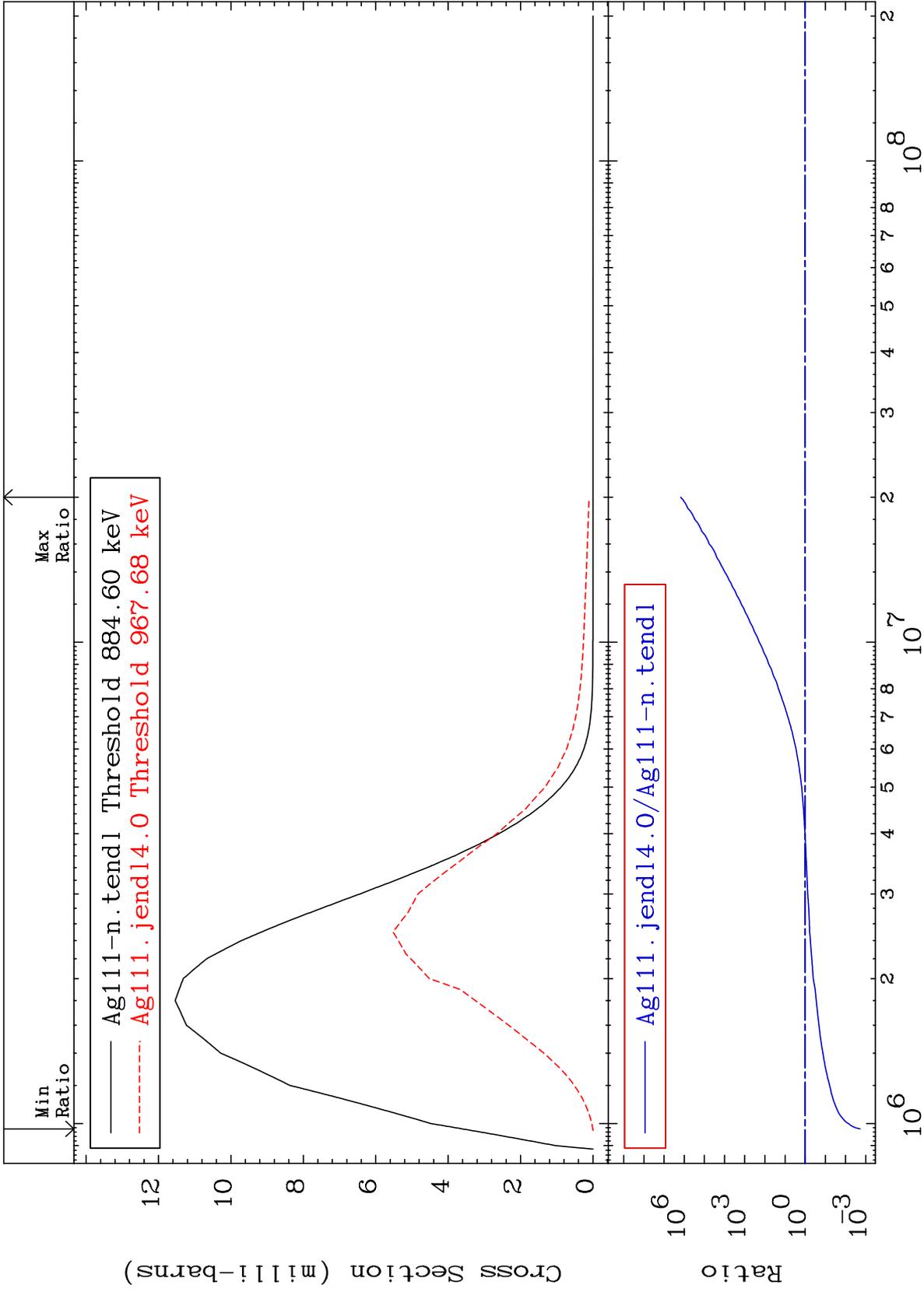
47-Ag-111  
-94.71 To 9999. %



MAT 4737

876.6 keV (n,n') Level  
Cross Section

47-Ag-111  
-99.81 To 9999. %



29

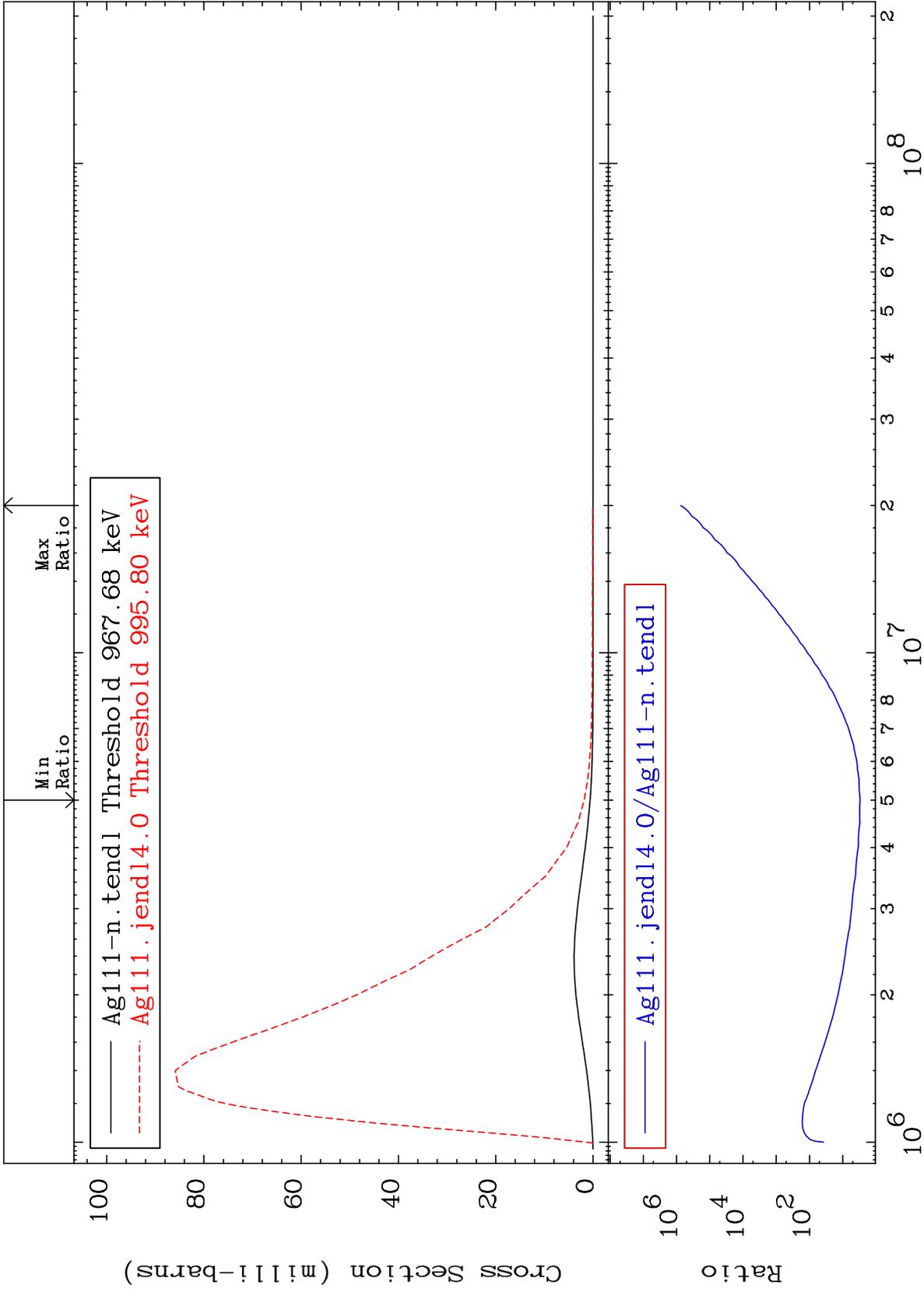
Incident Energy (eV)

47-Ag-111

MAT 4737

959.0 keV (n,n') Level  
Cross Section

47-Ag-111  
199.4 To 9999. %



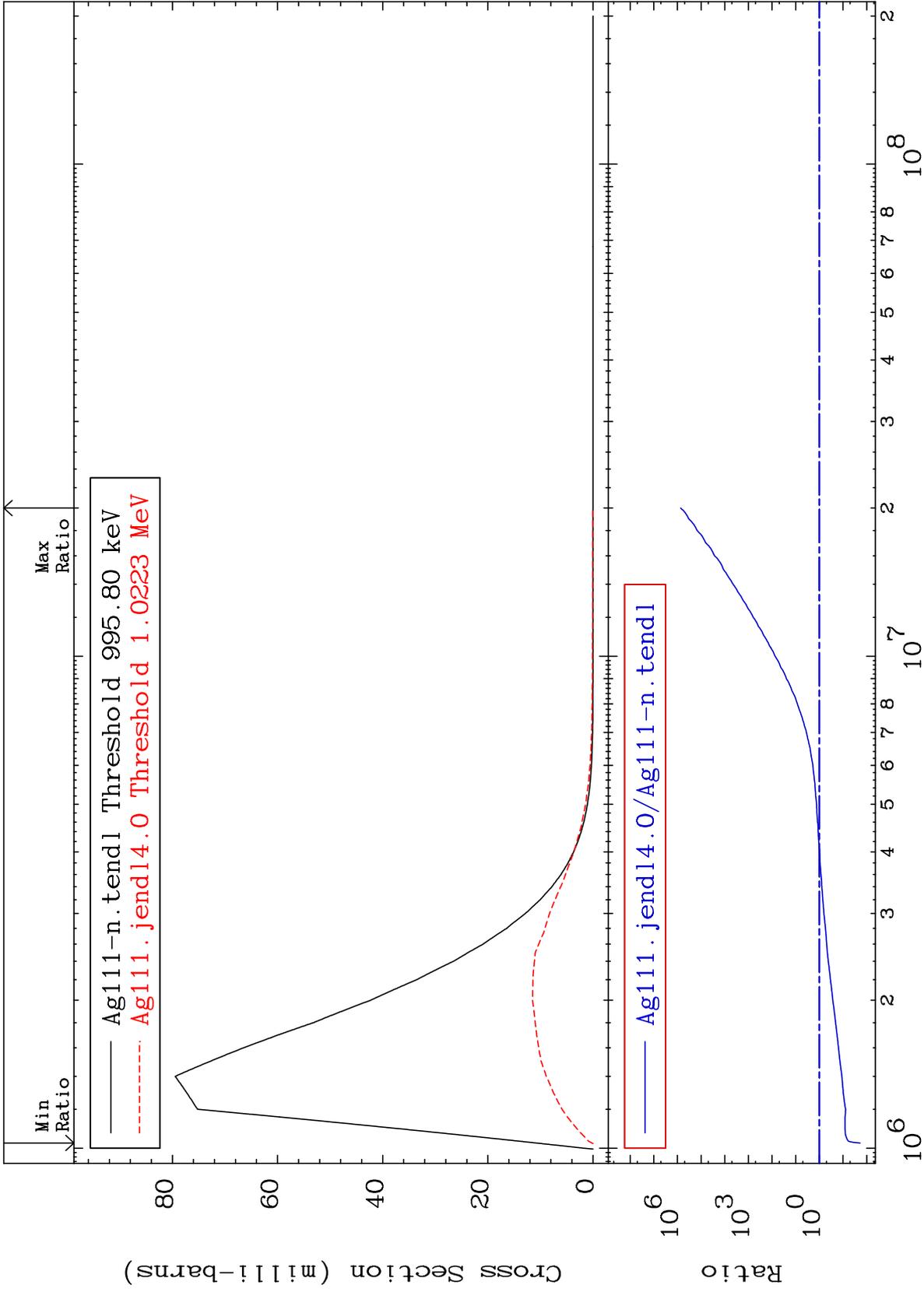
Incident Energy (eV)

47-Ag-111

MAT 4737

986.8 keV (n,n') Level  
Cross Section

47-Ag-111  
-98.10 To 9999. %



31

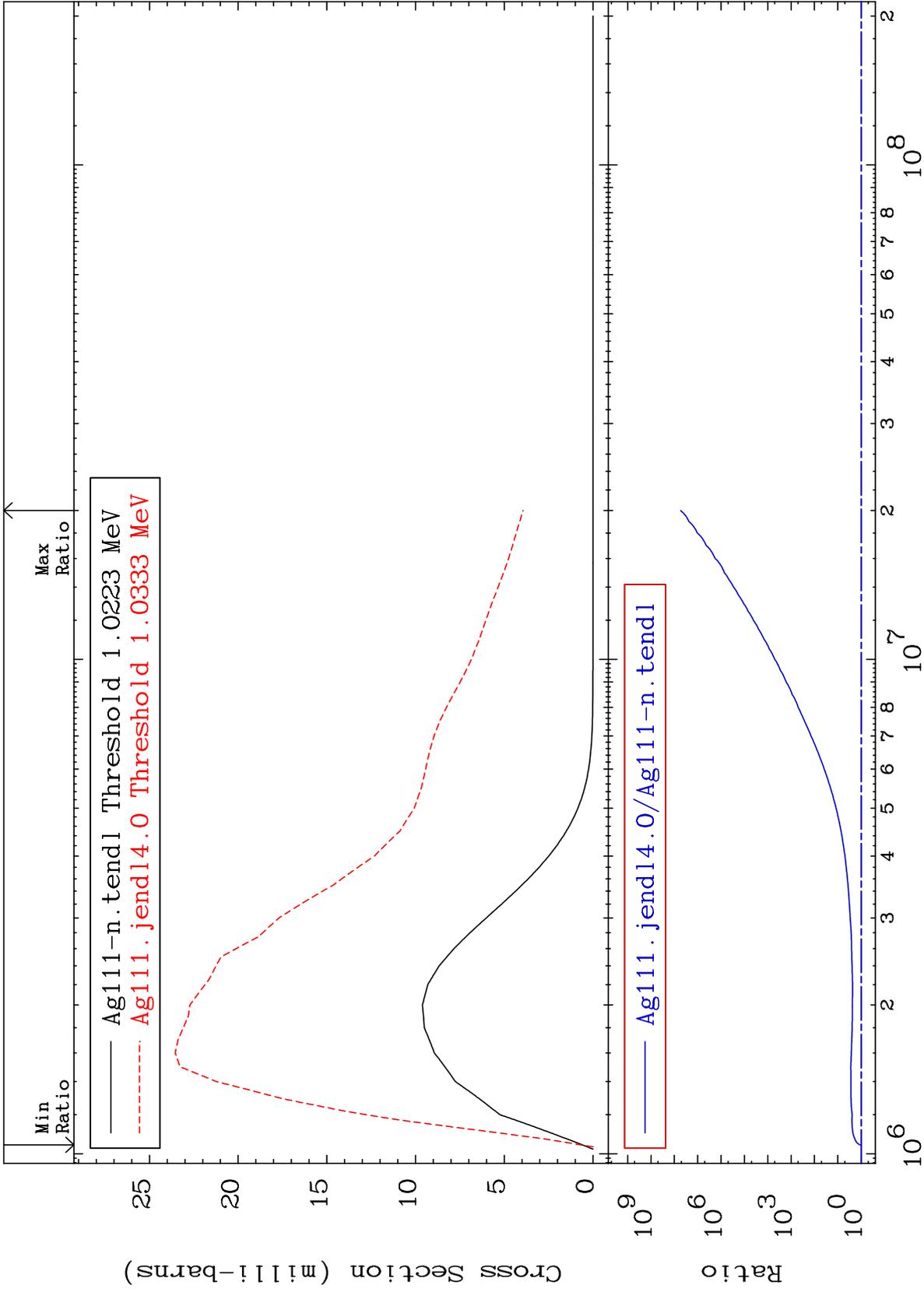
Incident Energy (eV)

47-Ag-111

MAT 4737

1.013 MeV (n,n') Level  
Cross Section

47-Ag-111  
11.21 To 9999. %



32

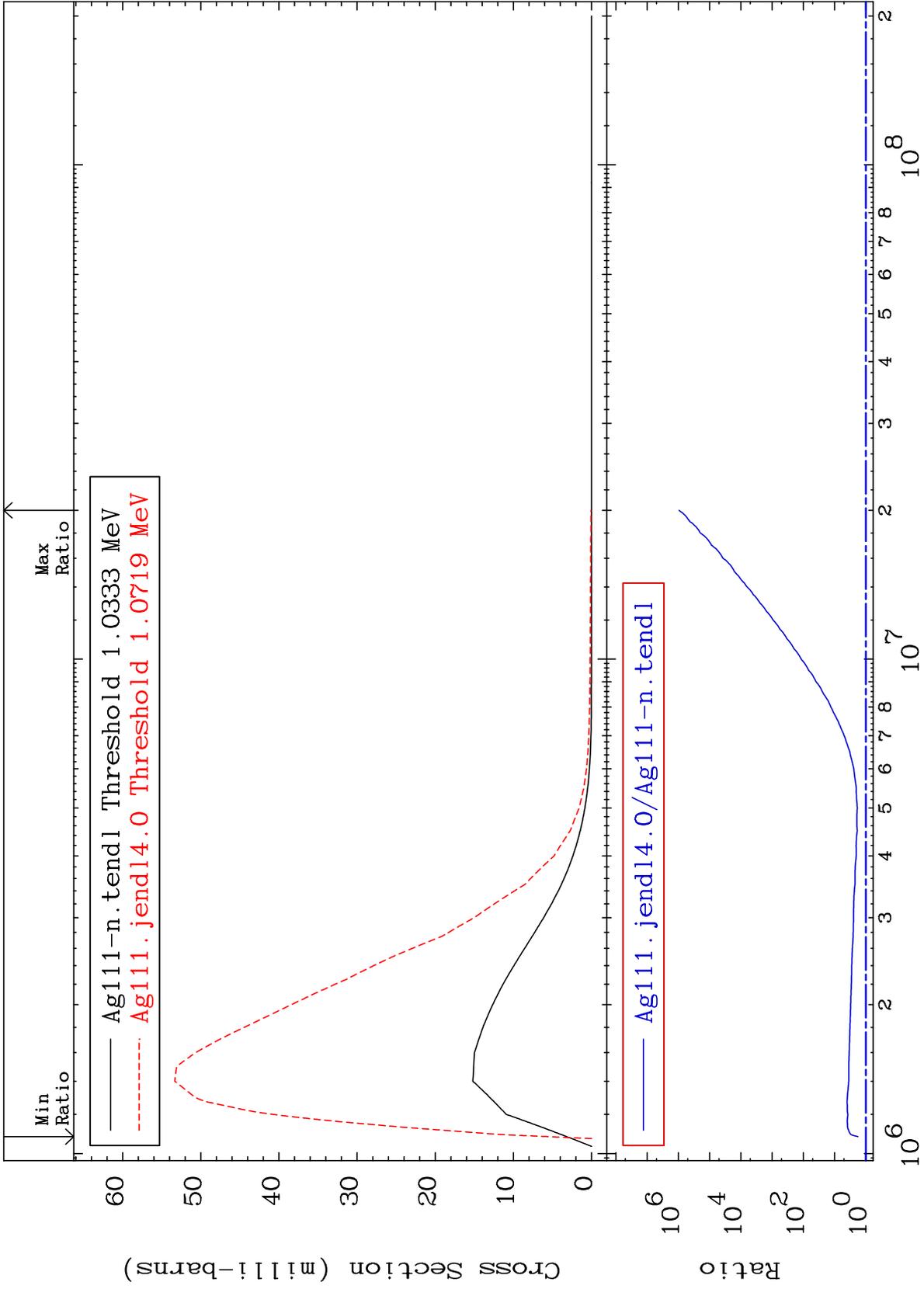
Incident Energy (eV)

47-Ag-111

MAT 4737

1.024 MeV (n,n') Level  
Cross Section

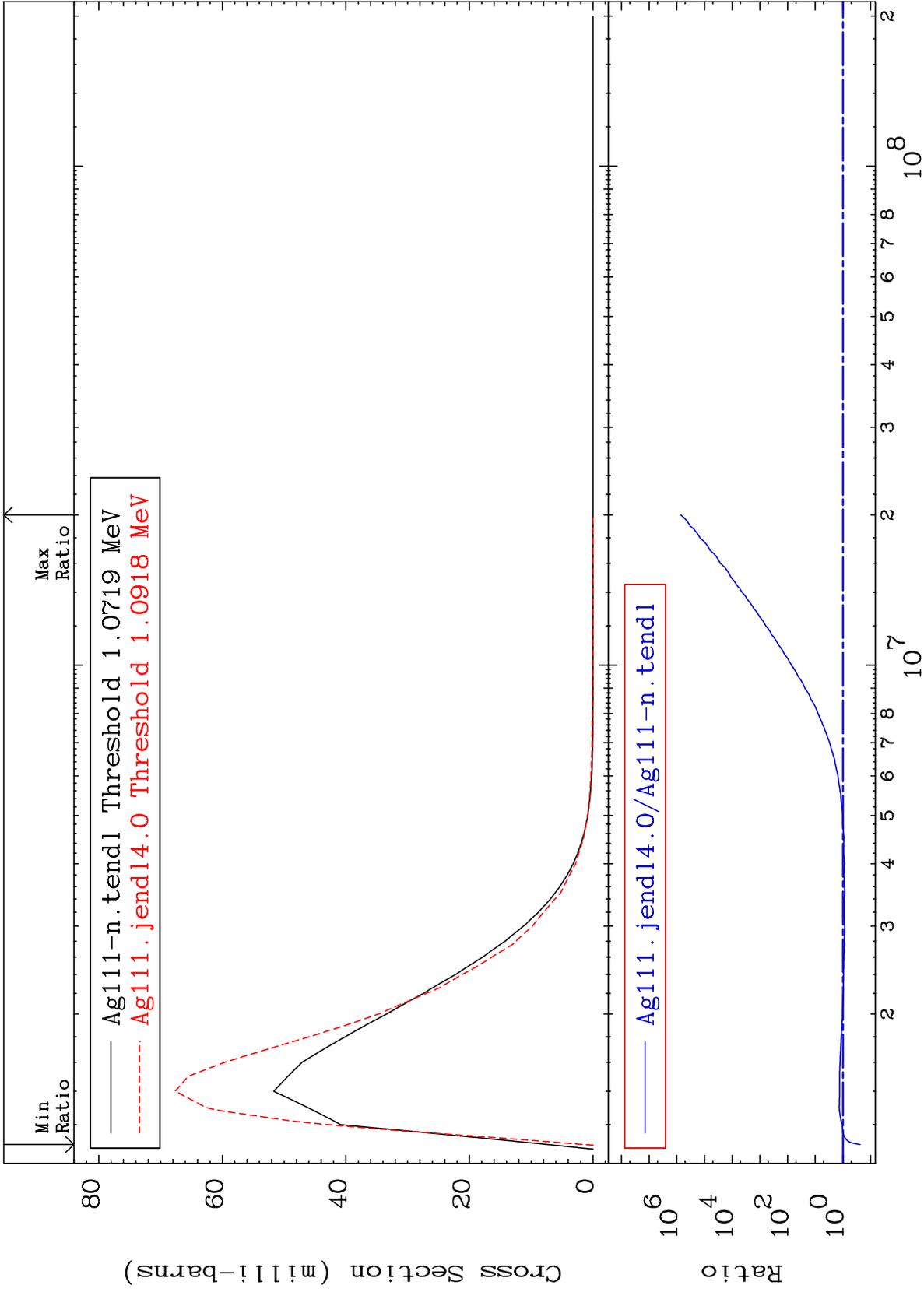
47-Ag-111  
78.06 To 9999. %

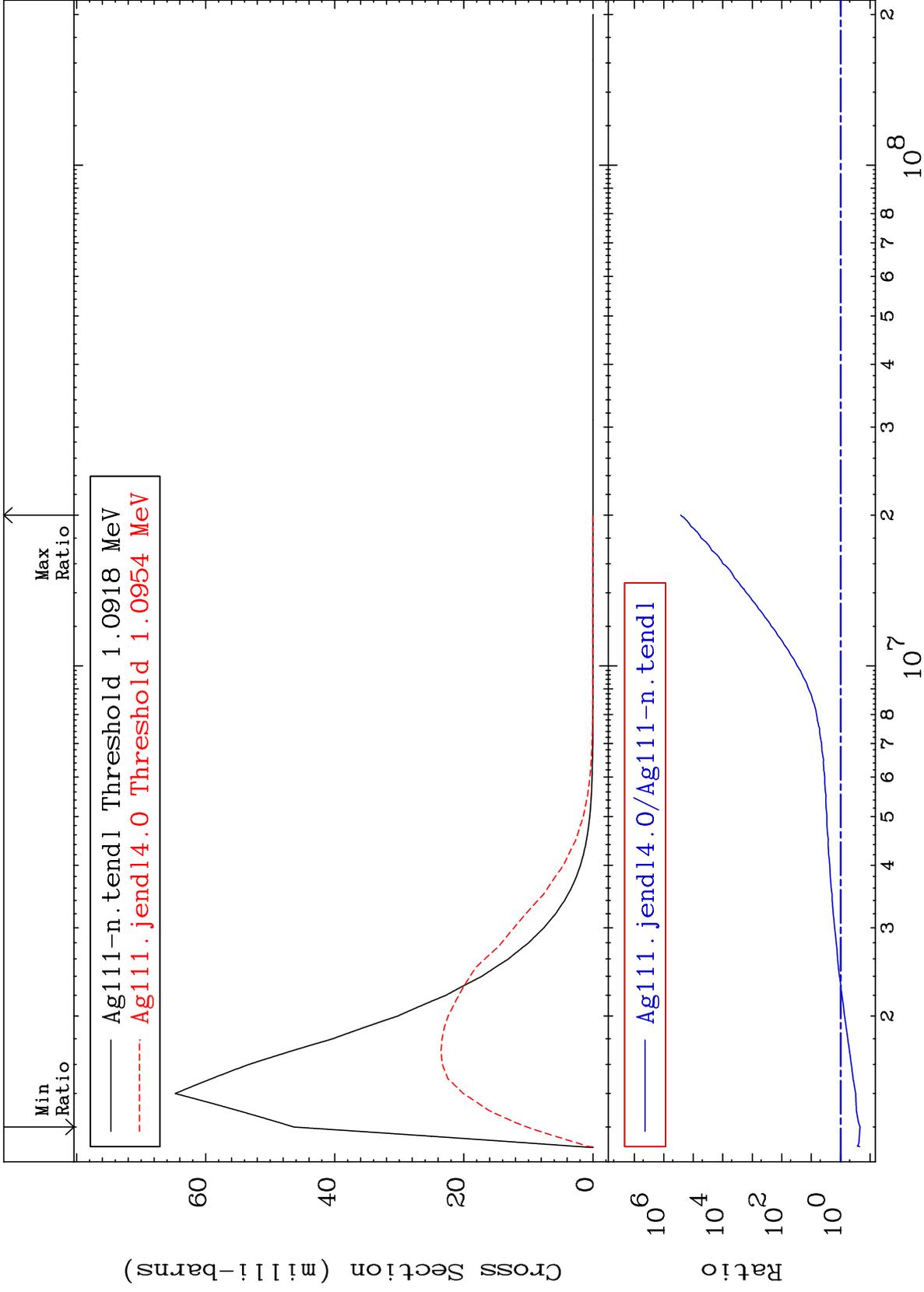


MAT 4737

1.062 MeV (n,n') Level  
Cross Section

47-Ag-111  
-76.01 To 9999. %

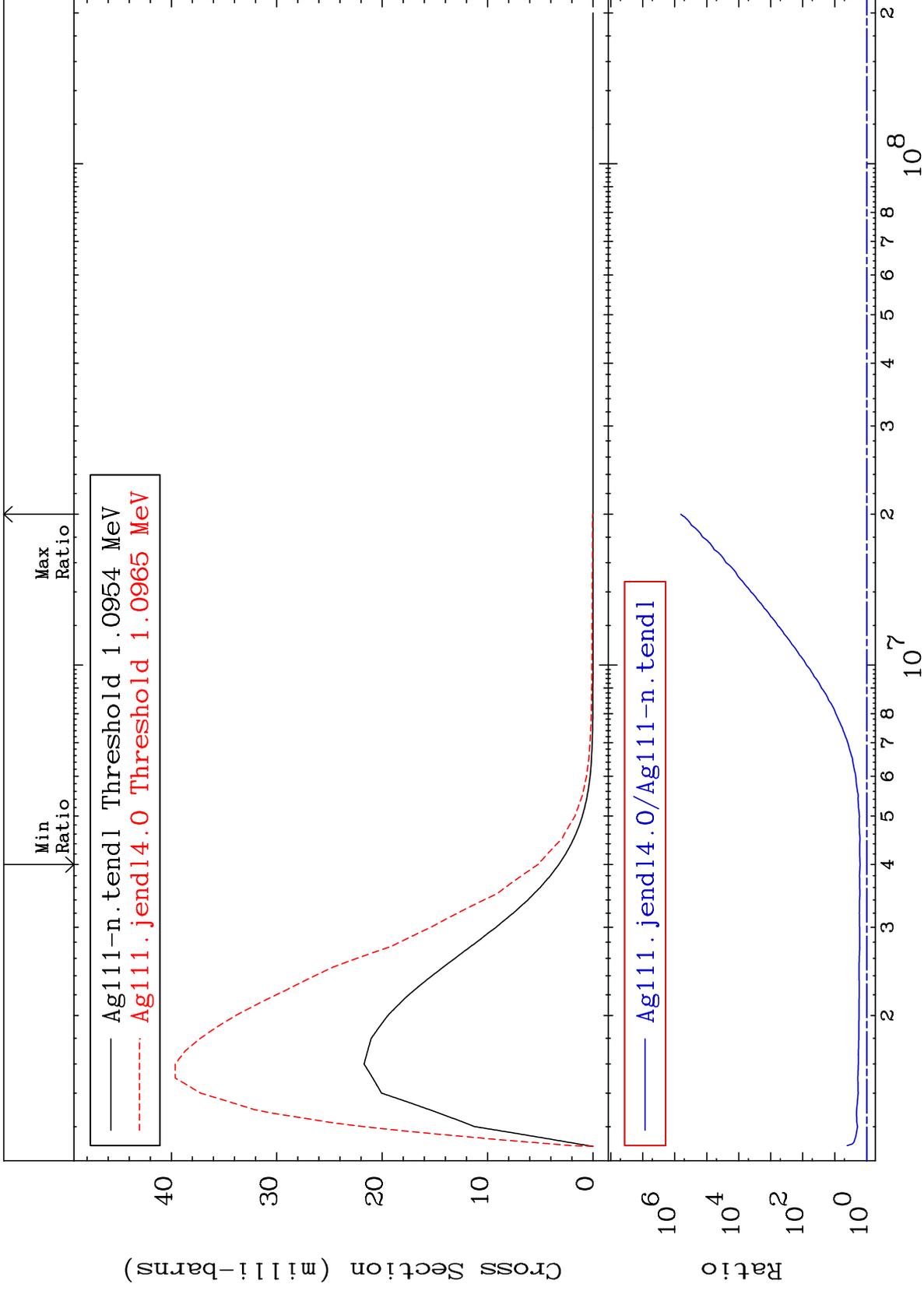


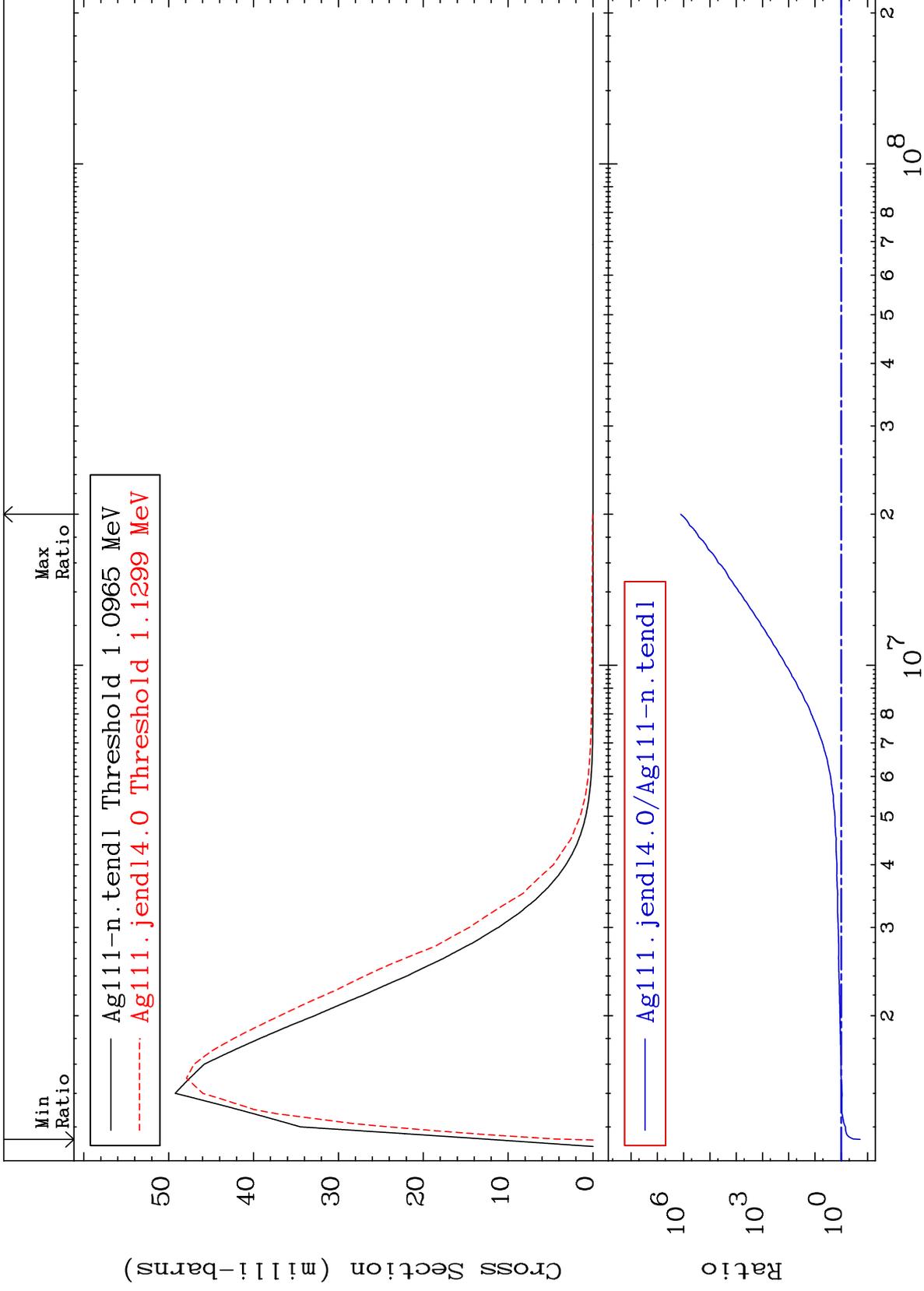


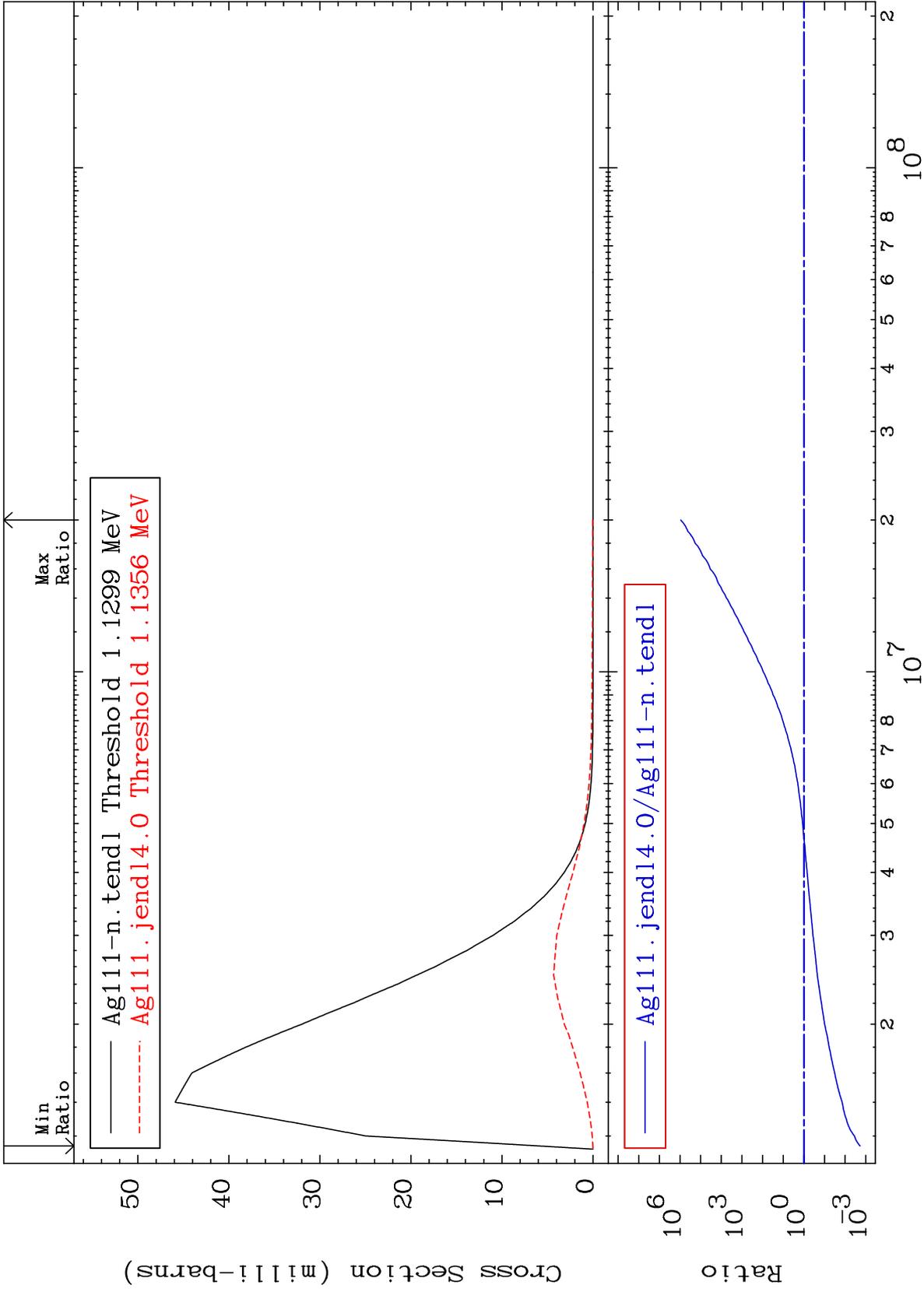
MAT 4737

1.085 MeV (n,n') Level  
Cross Section

47-Ag-111  
61.10 To 9999. %



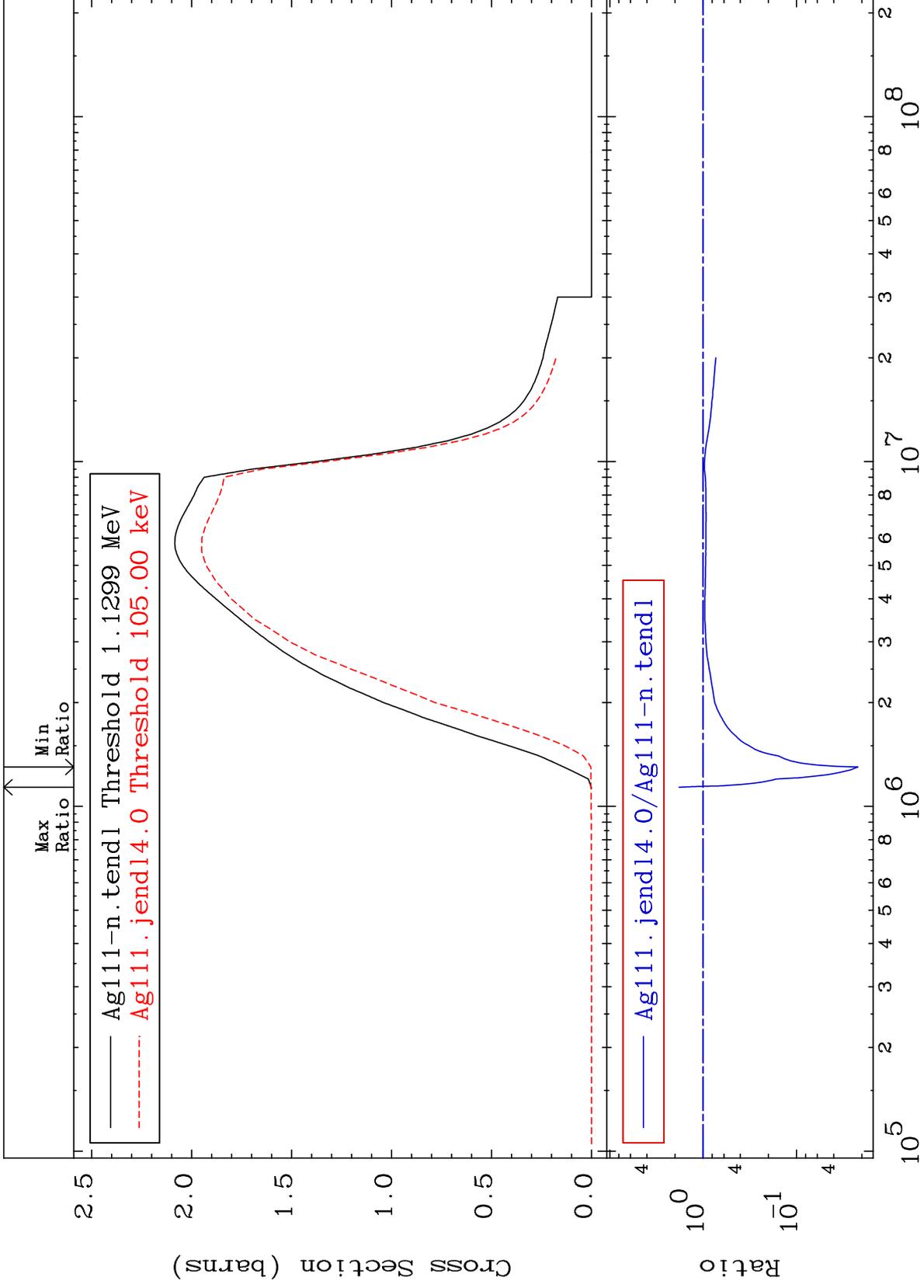




MAT 4737

(n, n') Continuum  
Cross Section

47-Ag-111  
-97.80 To 81.27 %



39

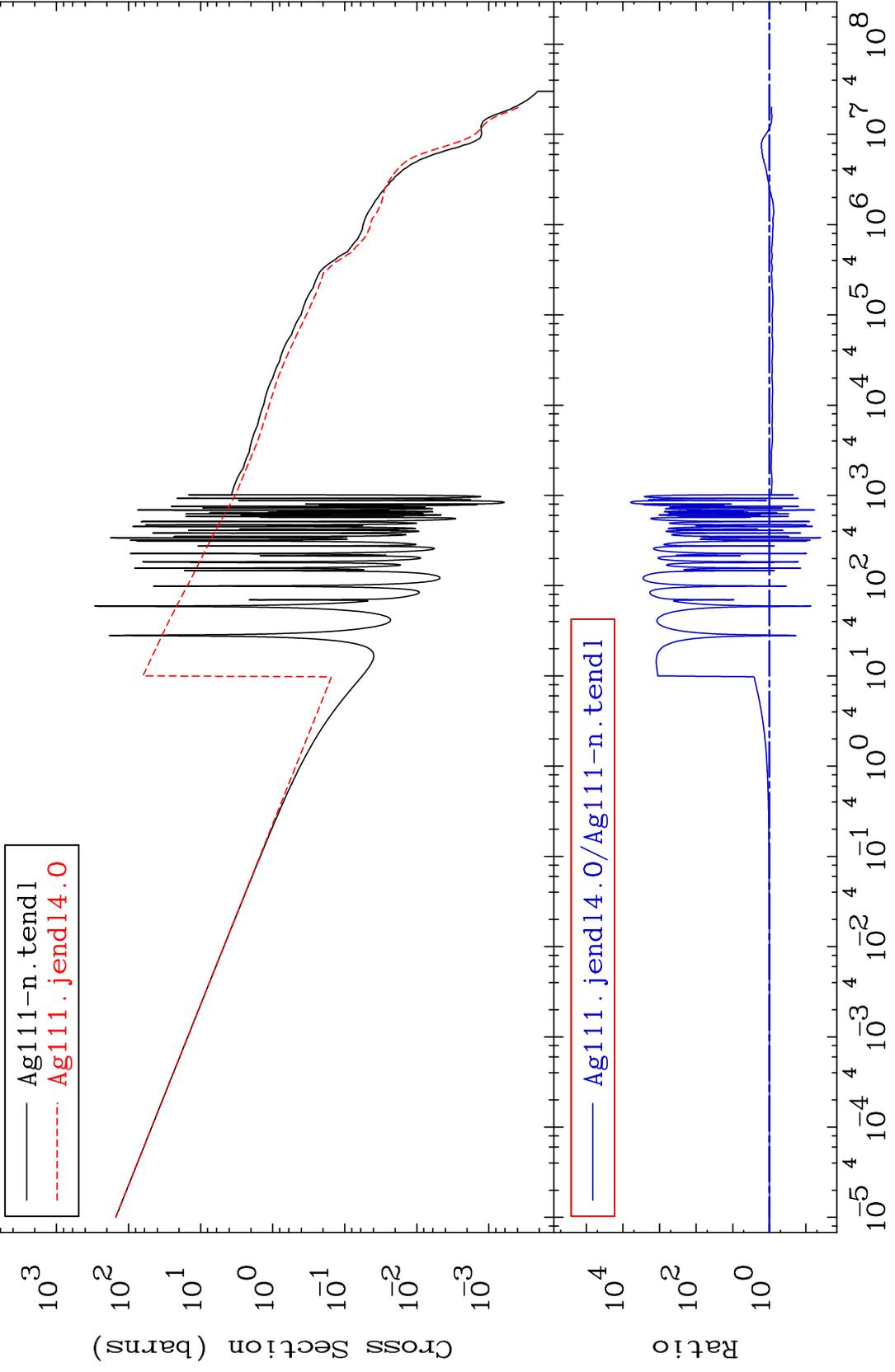
Incident Energy (eV)

47-Ag-111

MAT 4737

(n,  $\gamma$ )  
Cross Section

47-Ag-111  
-96.05 To 9999. %



40

Incident Energy (eV)

47-Ag-111

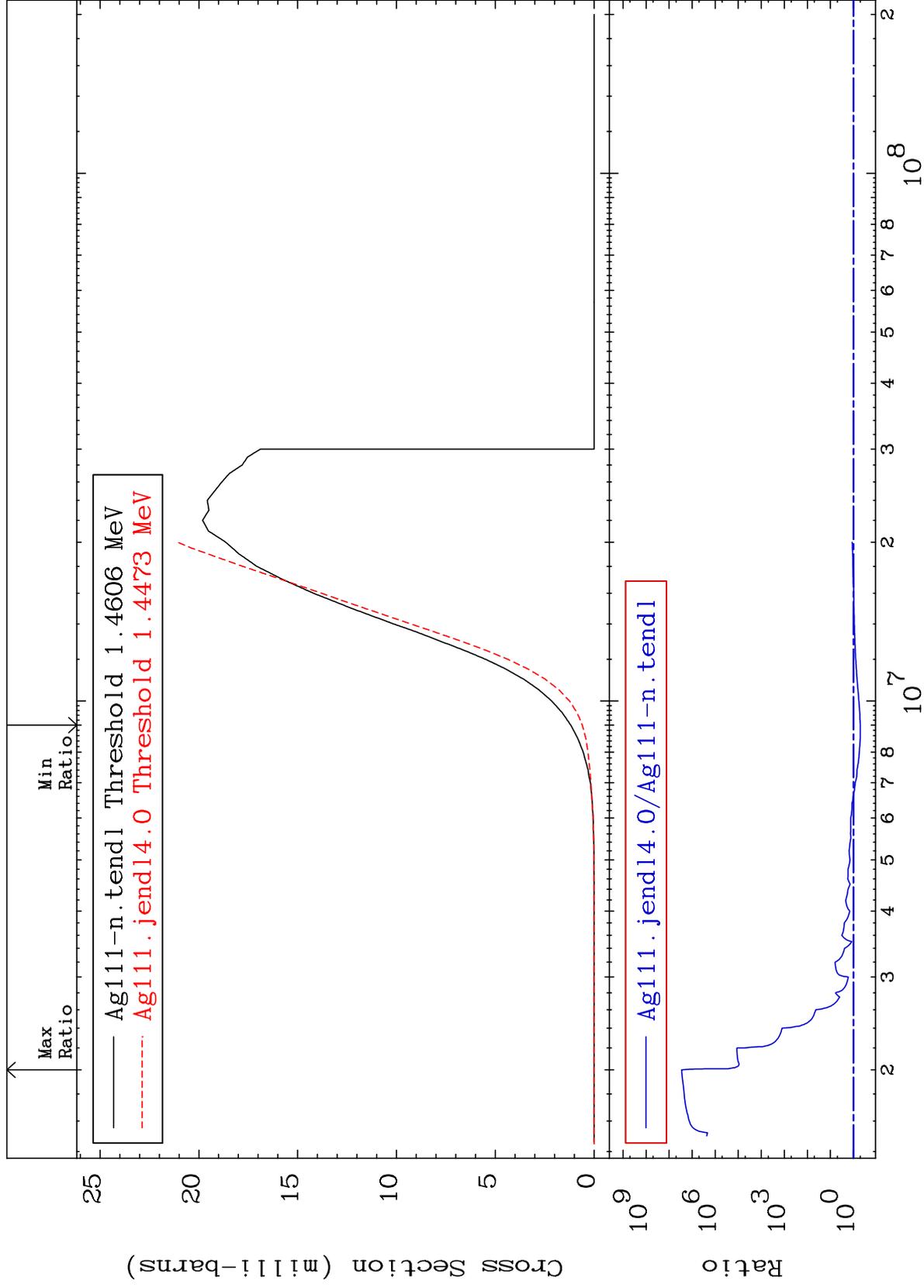
MAT 4737

(n,p)

47-Ag-111

Cross Section

-49.57 To 9999. %



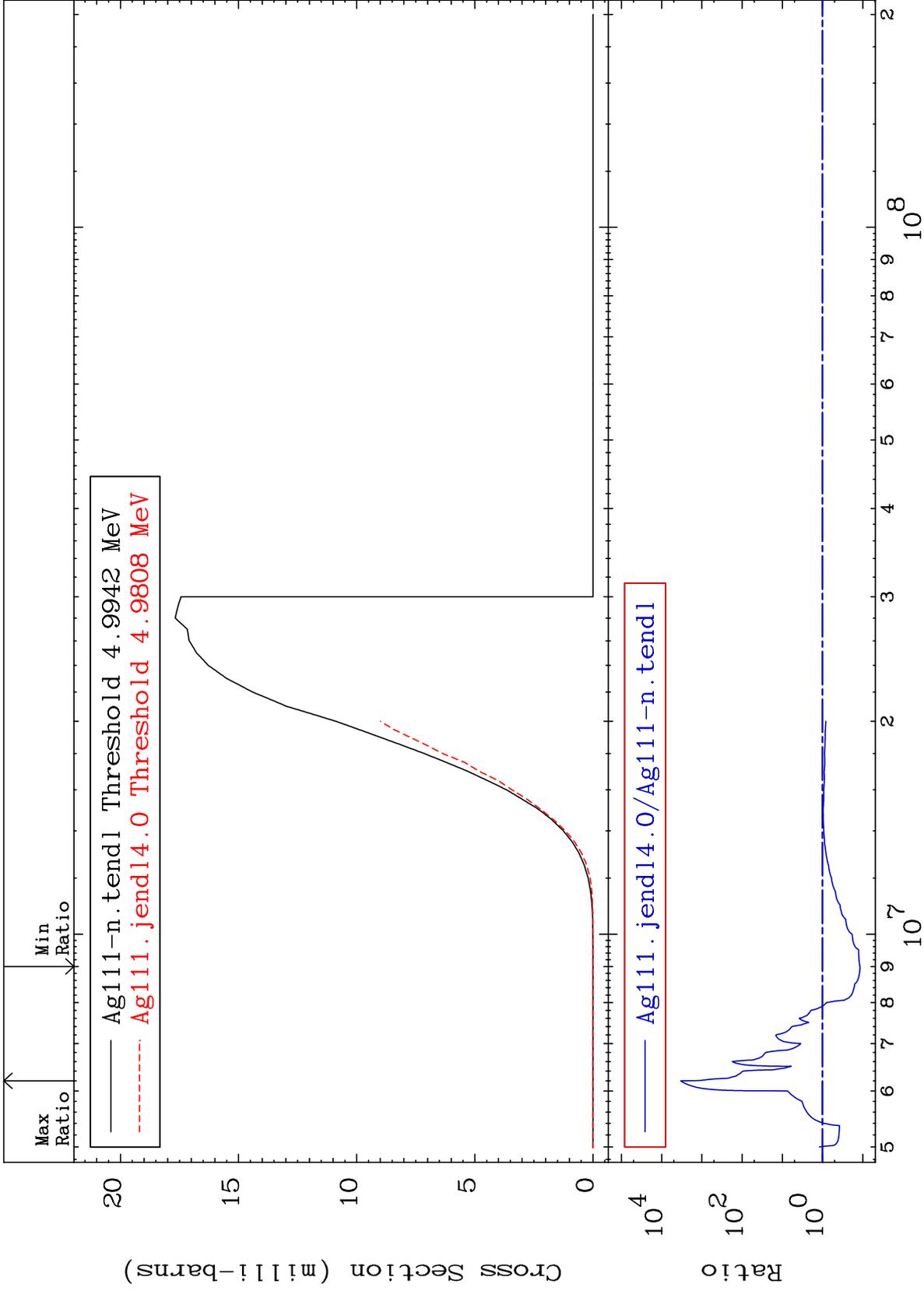
41

Incident Energy (eV)

47-Ag-111

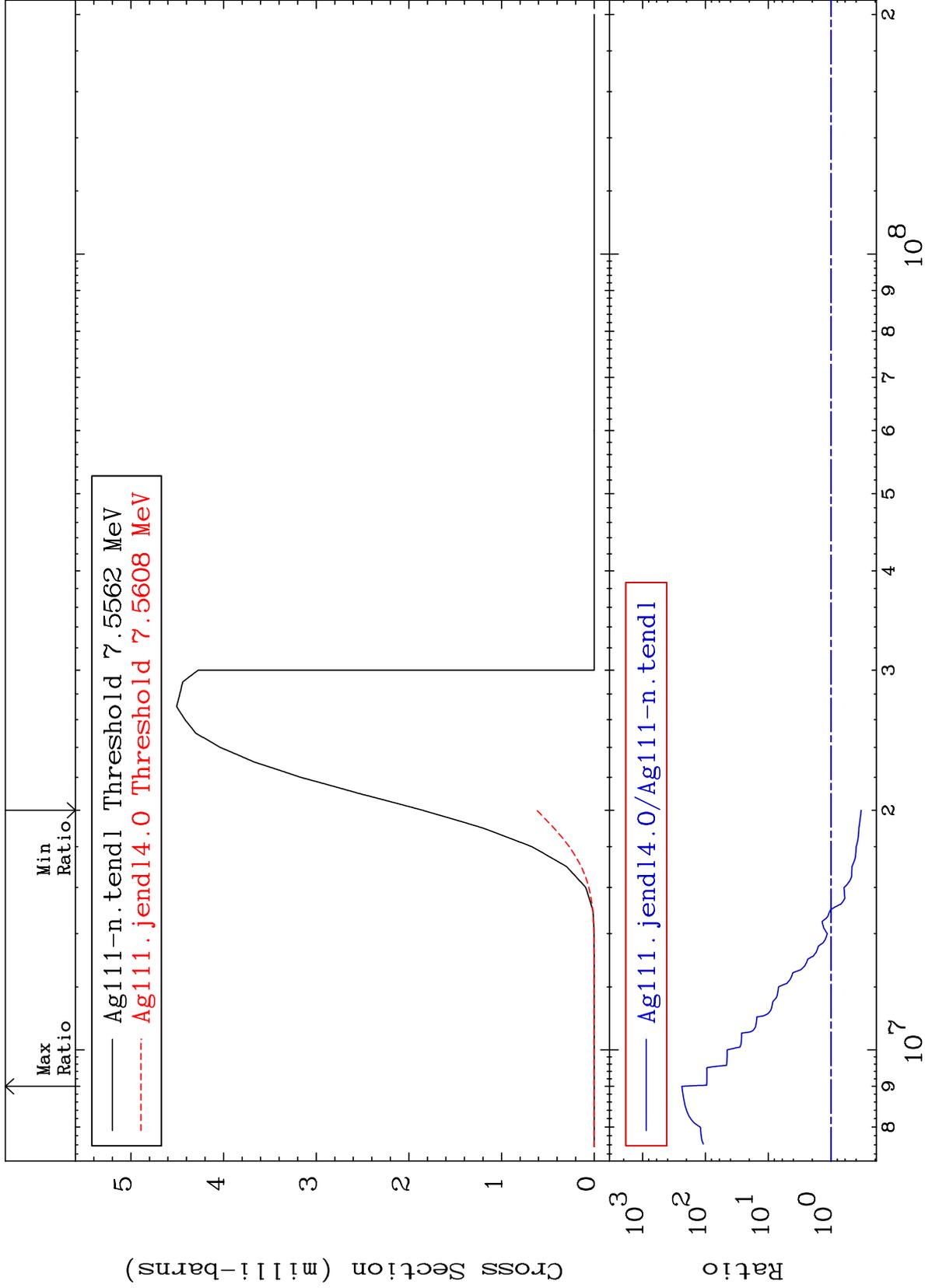
Cross Section

-88.37 To 9999. %



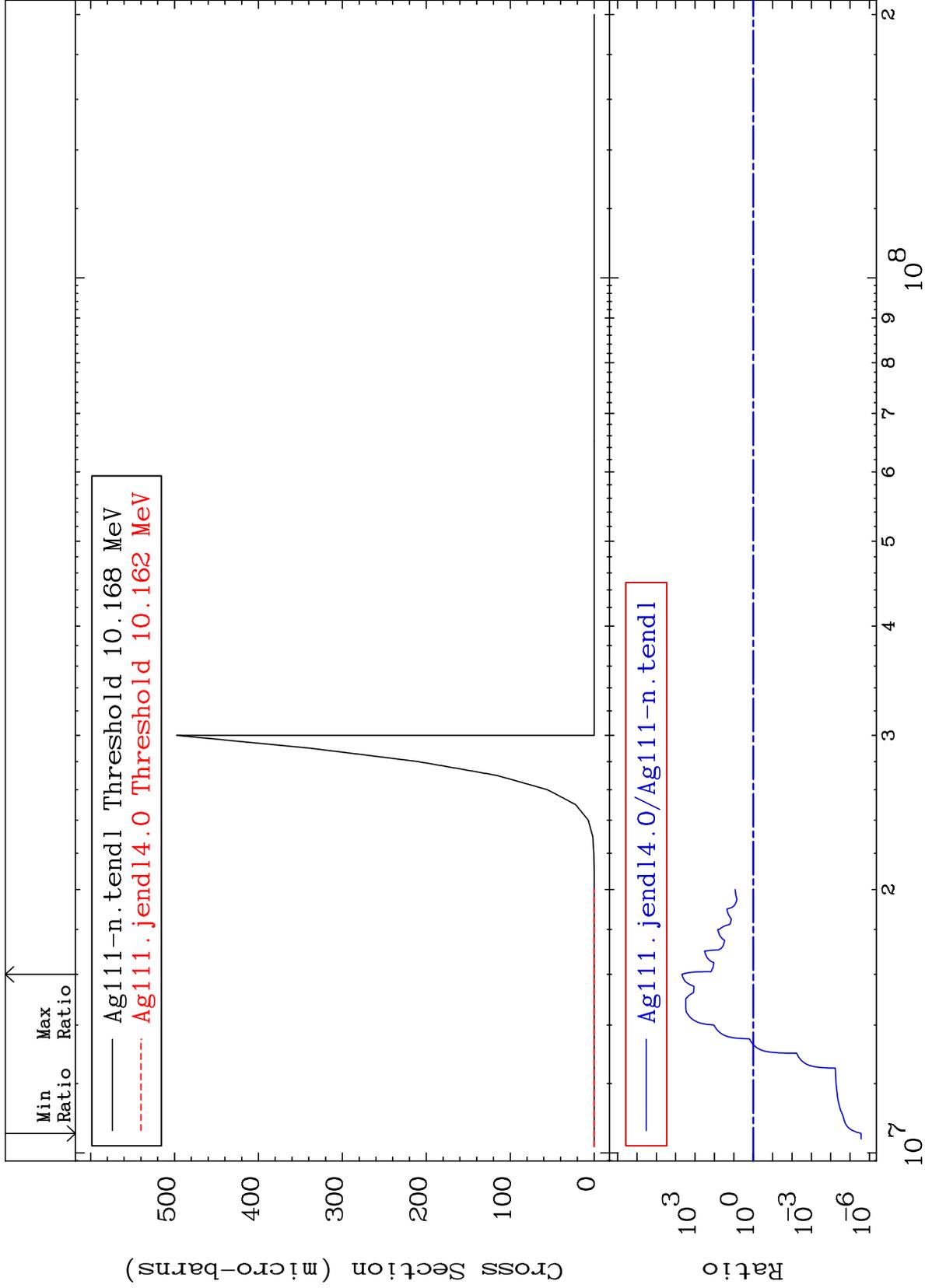
Cross Section

-66.66 To 9999. %



Cross Section

-100.0 To 9999. %



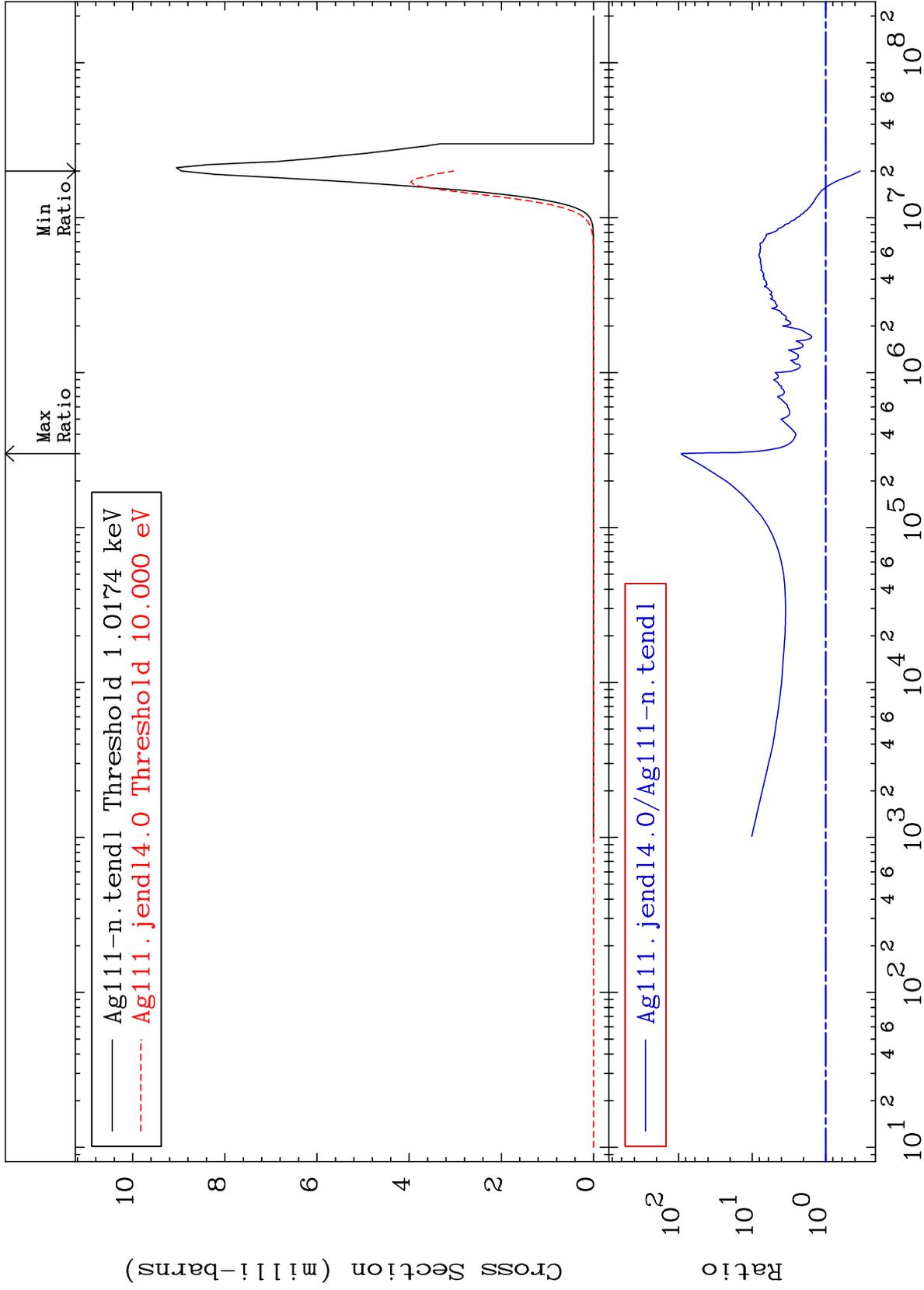
MAT 4737

(n,  $\alpha$ )

47-Ag-111

Cross Section

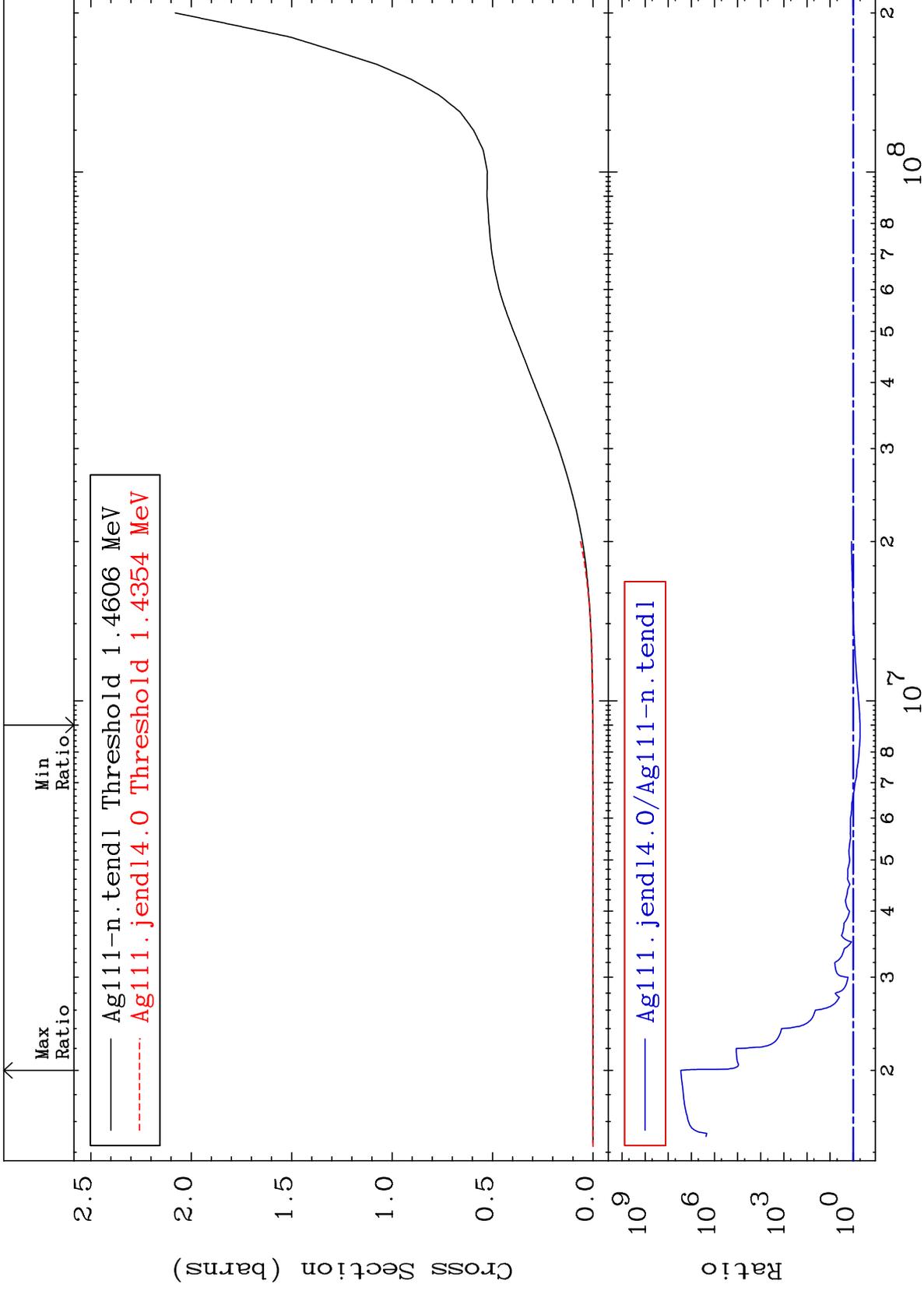
-66.02 To 9148. %

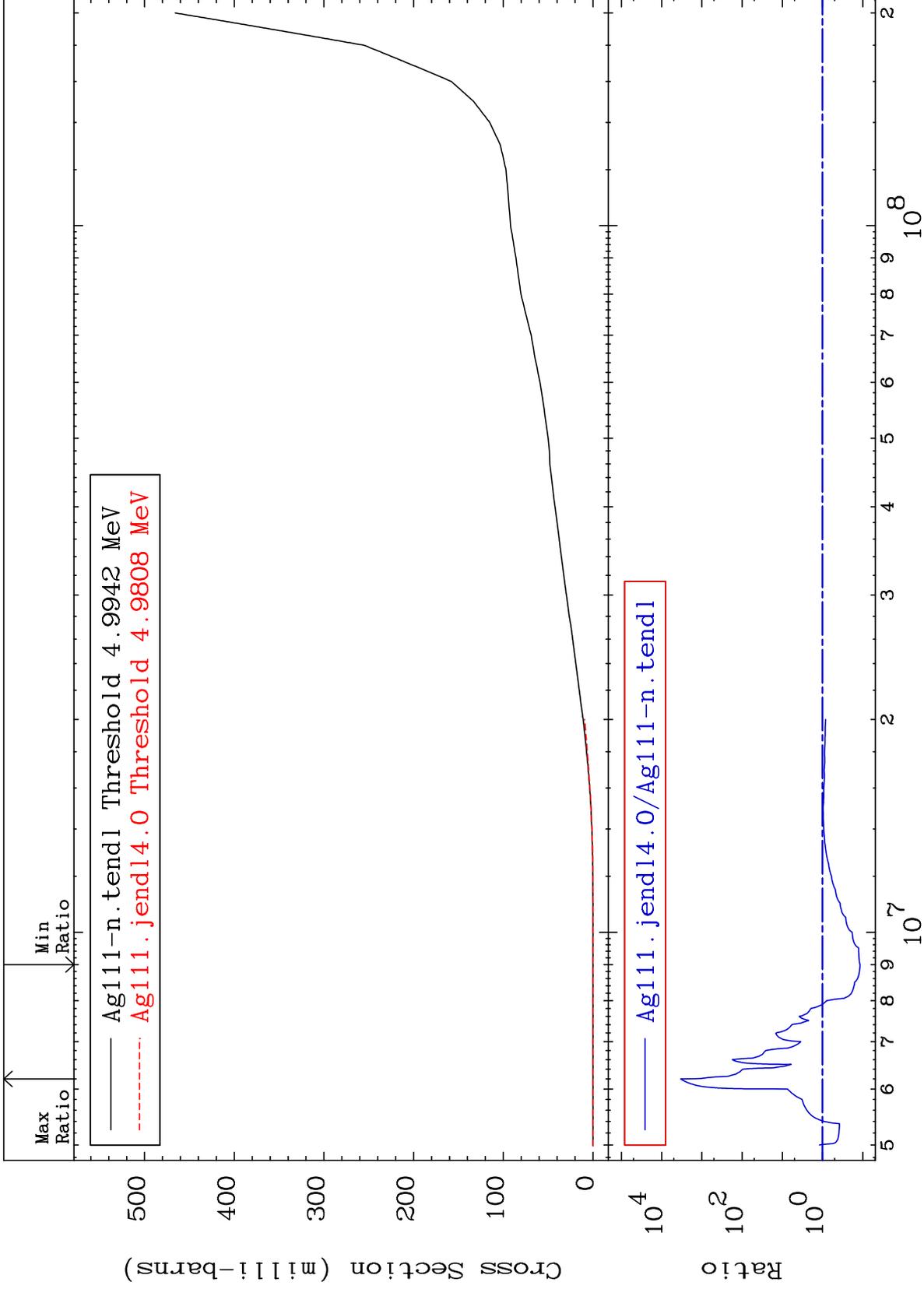


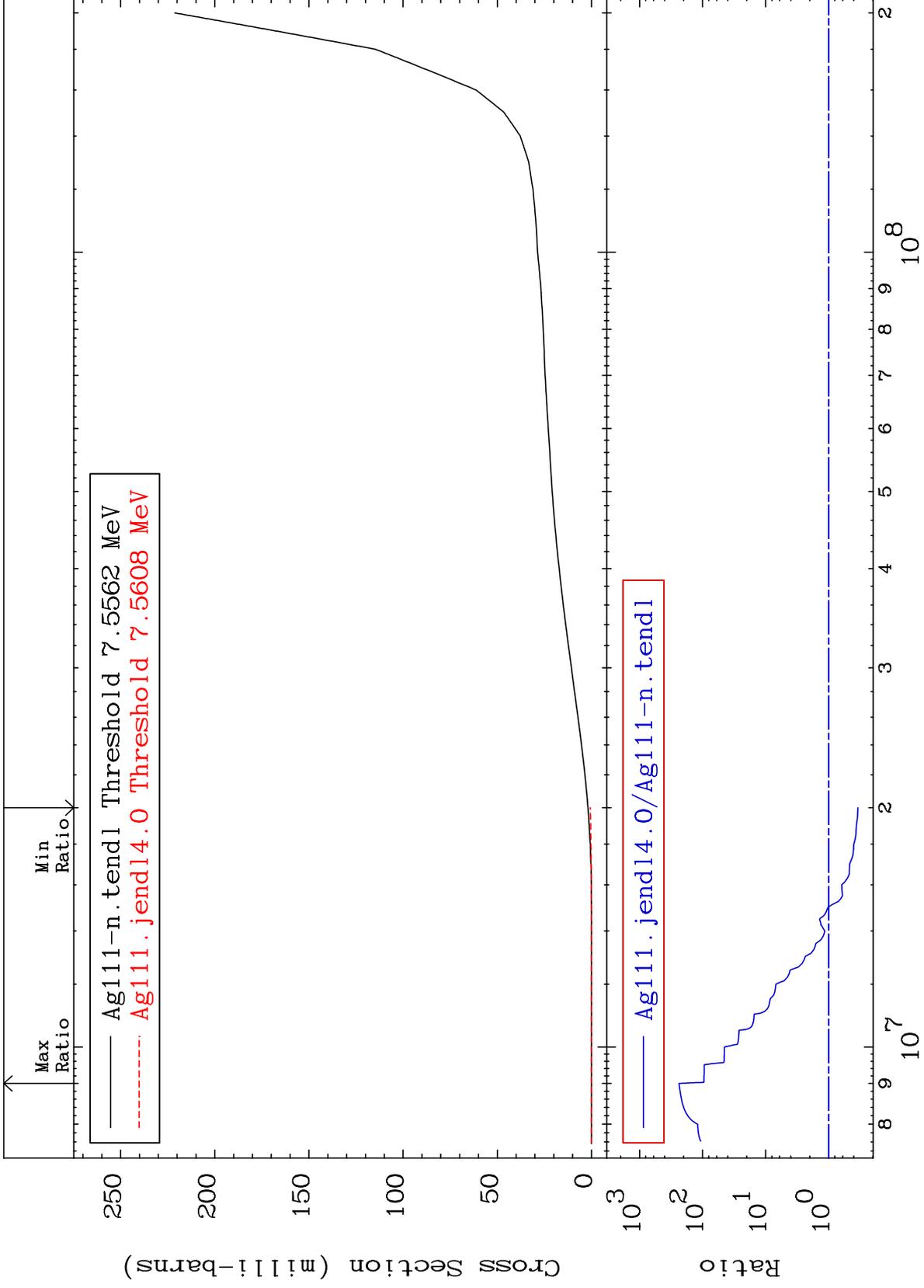
45

Incident Energy (eV)

47-Ag-111



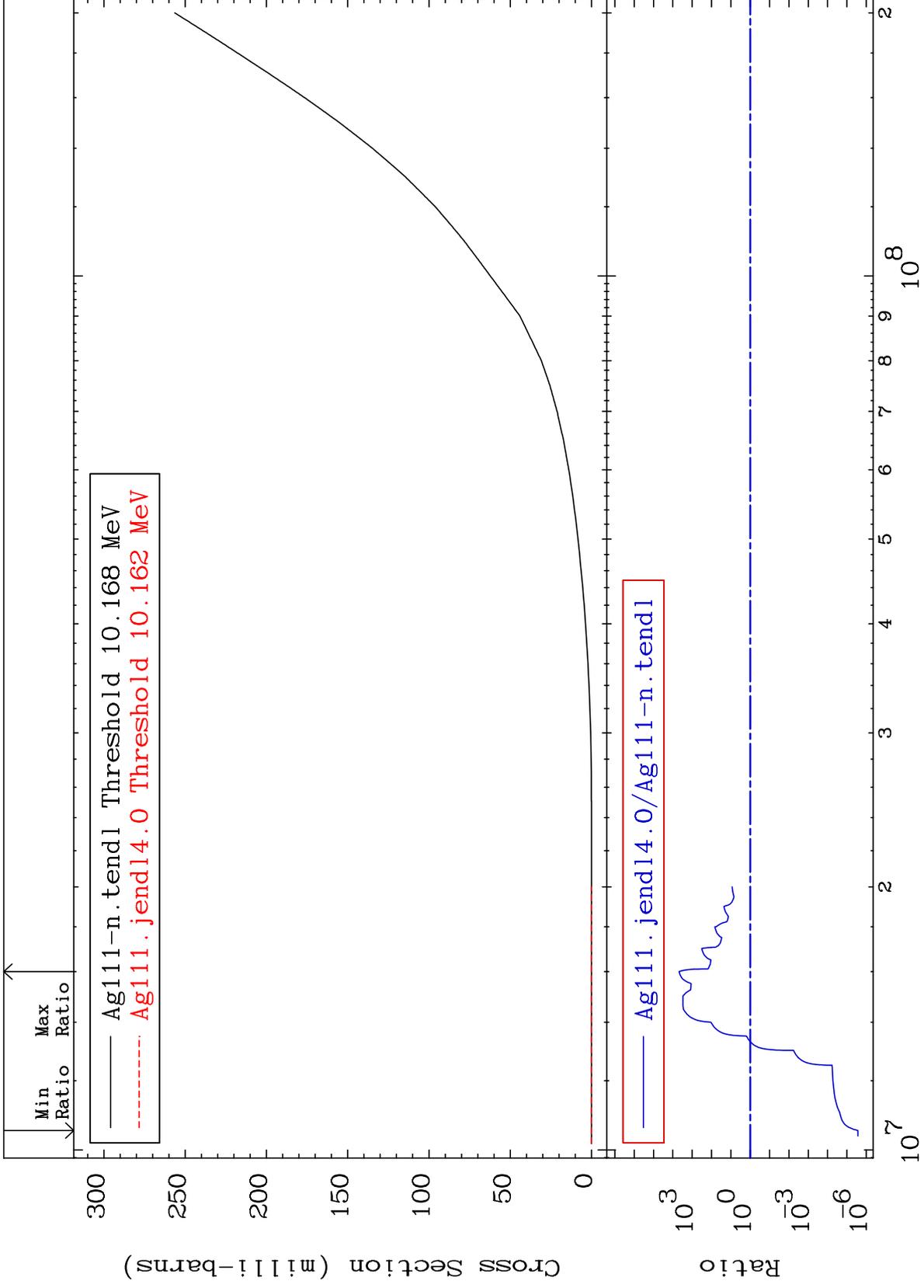




MAT 4737

He-3 Production  
Cross Section

47-Ag-111  
-100.0 To 9999. %



49

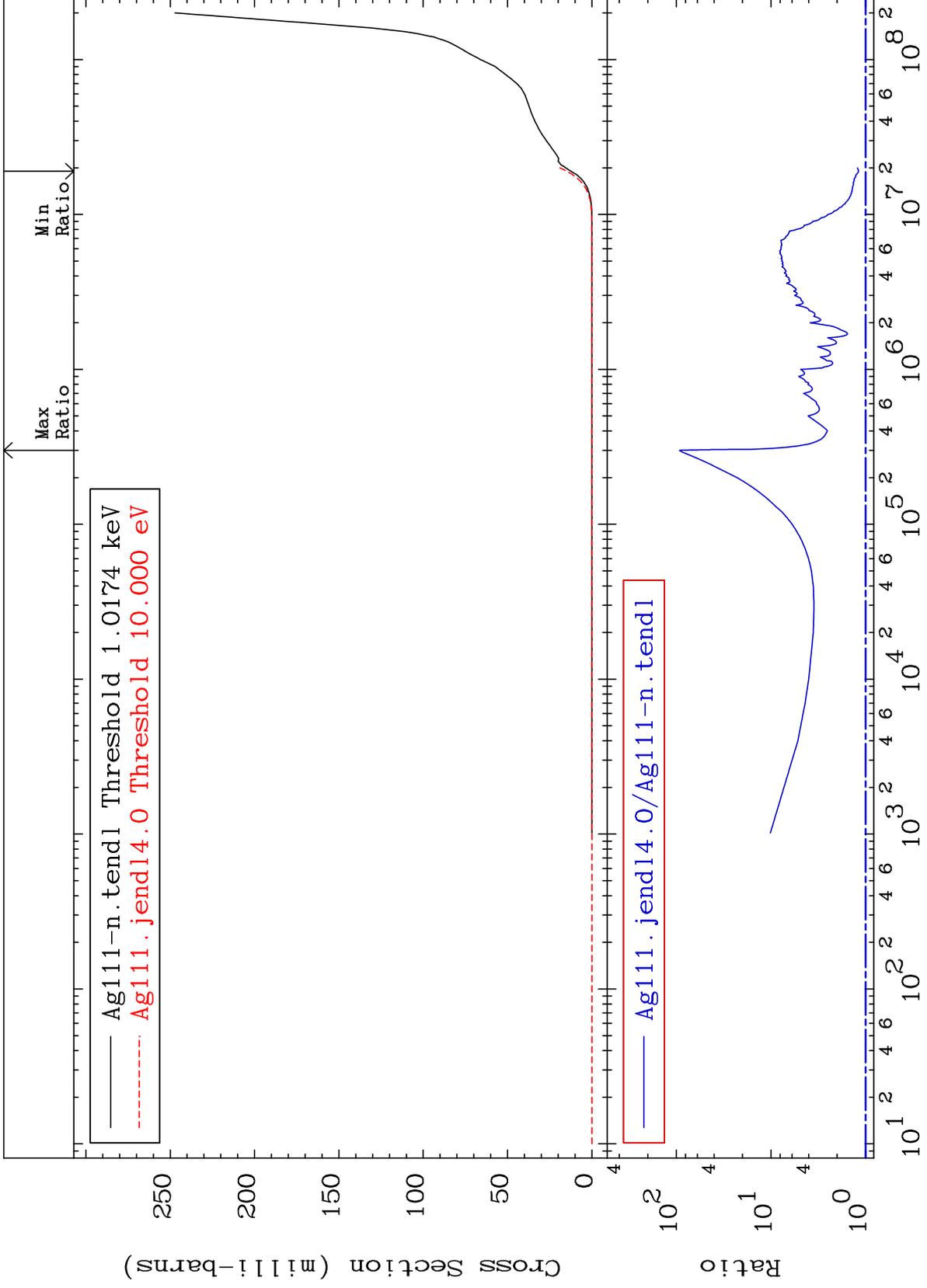
Incident Energy (eV)

47-Ag-111

MAT 4737

He-4 Production  
Cross Section

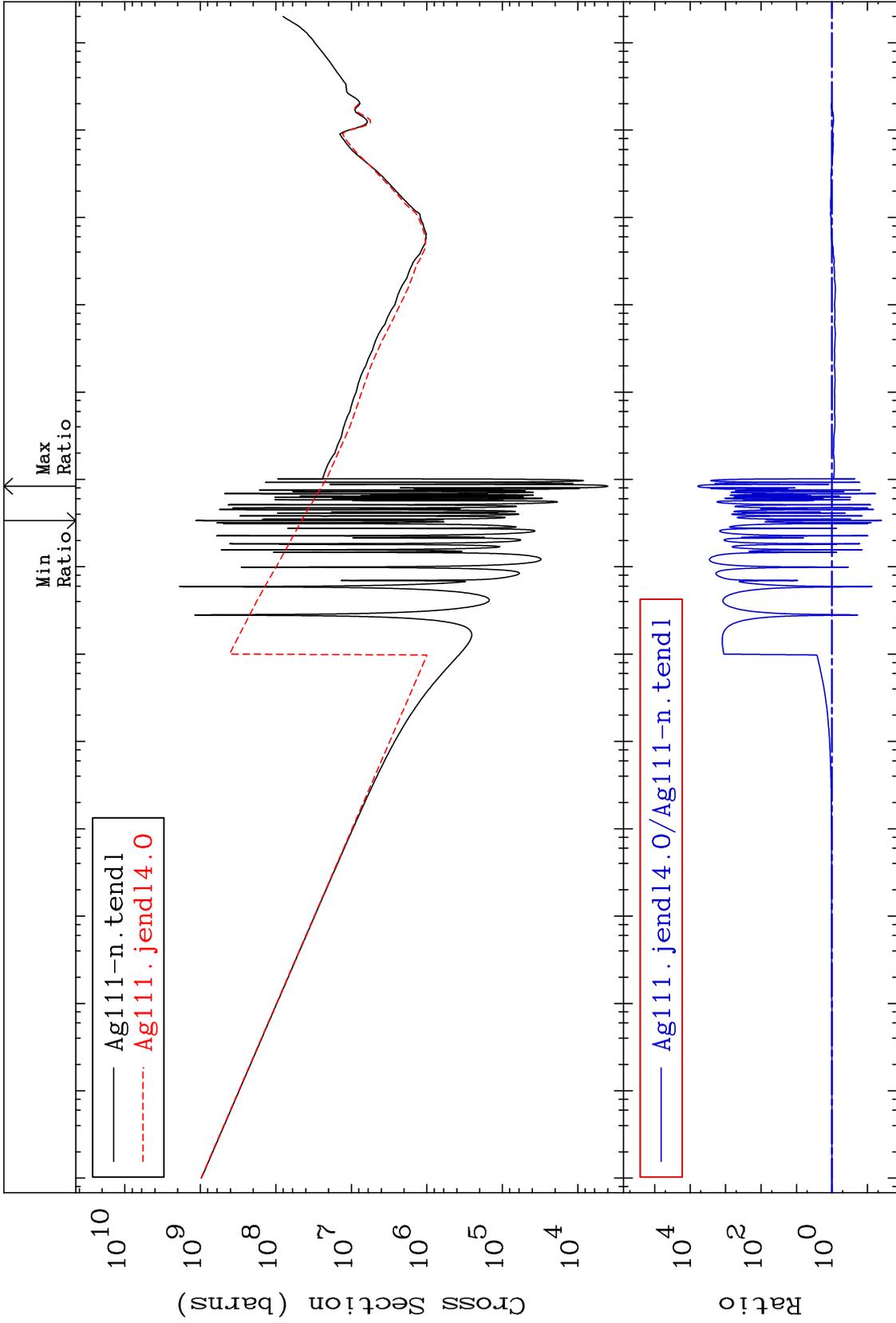
47-Ag-111  
18.92 To 9148. %



Incident Energy (eV)

50

47-Ag-111



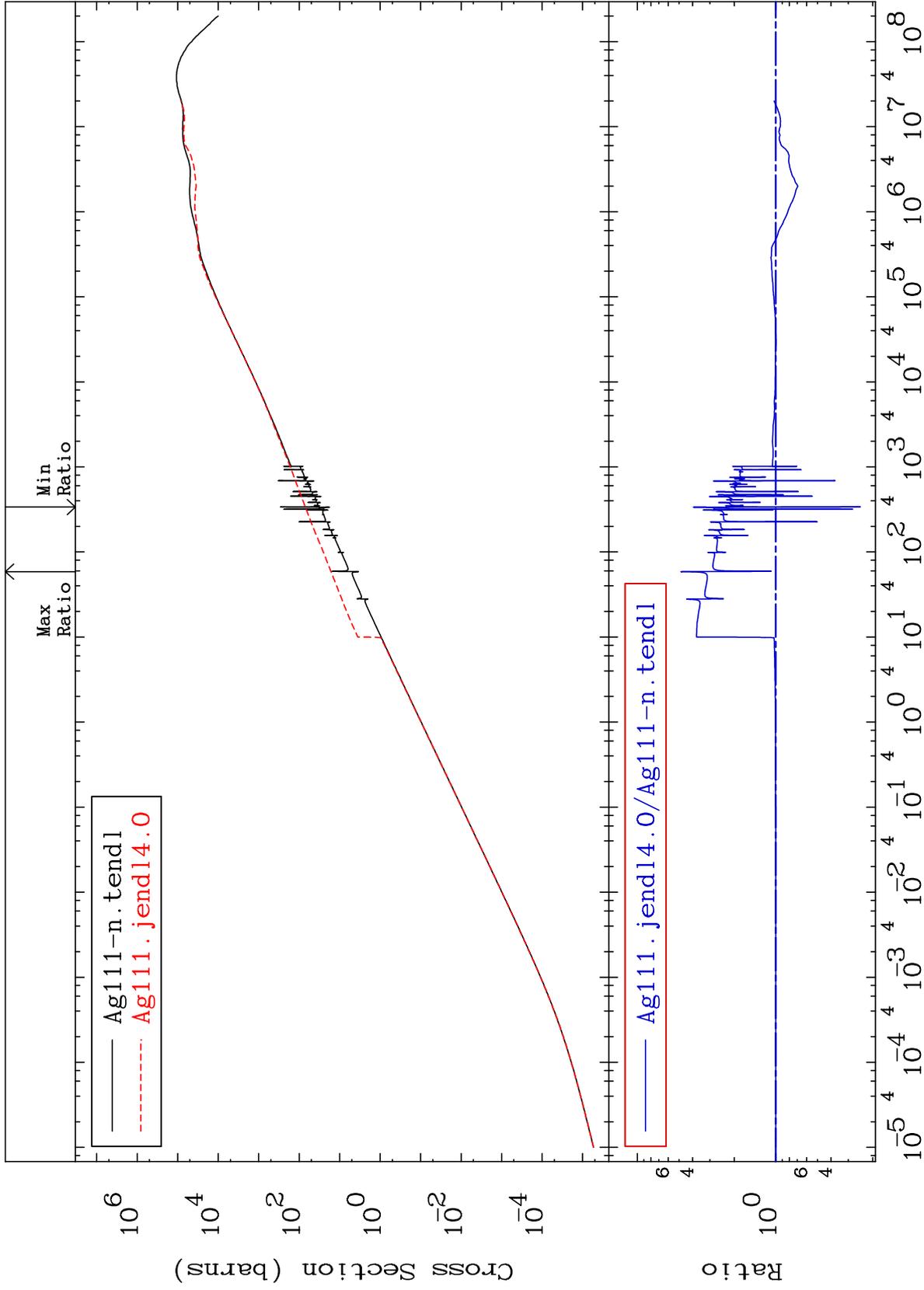
— Ag111-n.tendl  
- - - Ag111.jendl4.0

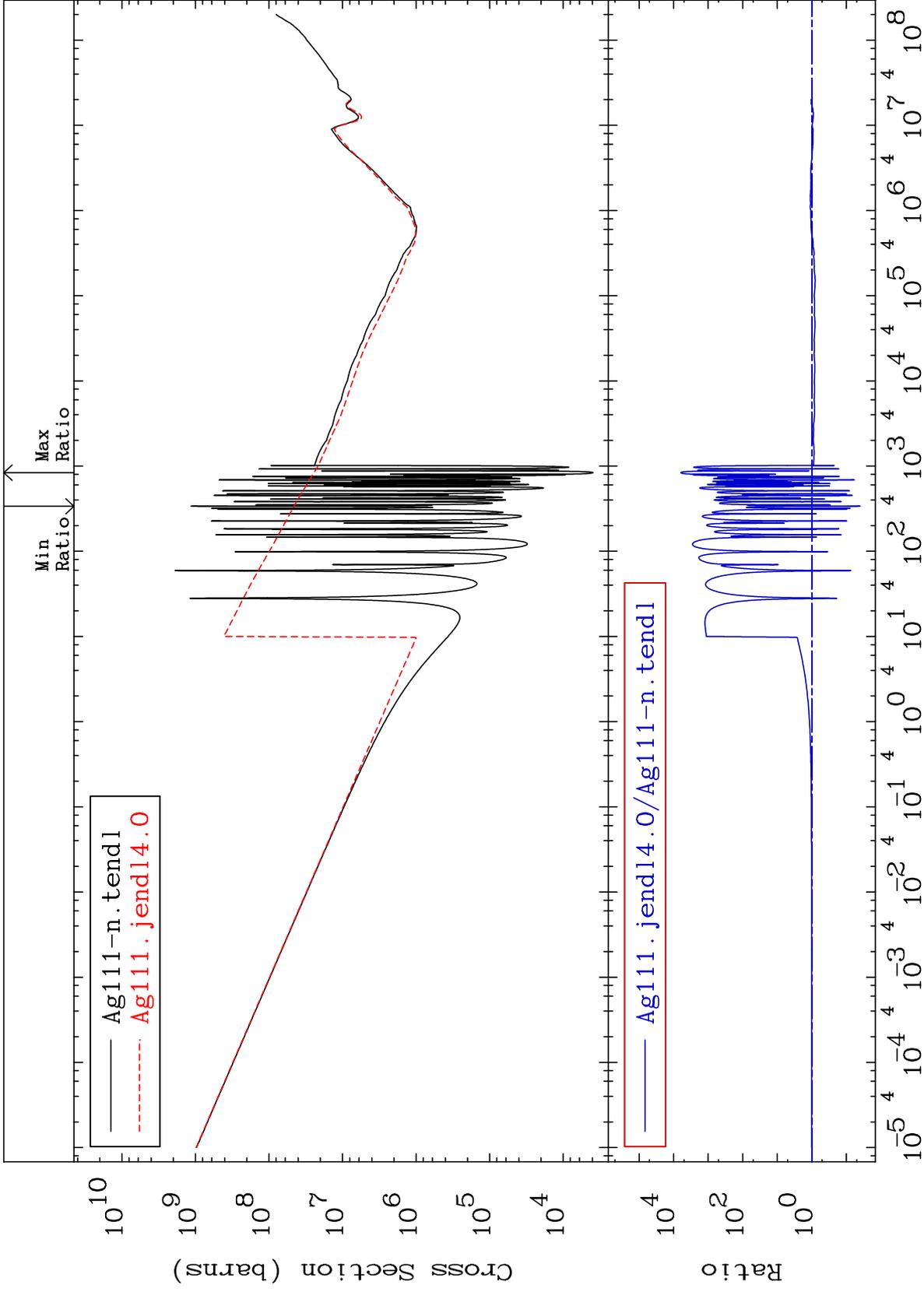
— Ag111.jendl4.0/Ag111-n.tendl

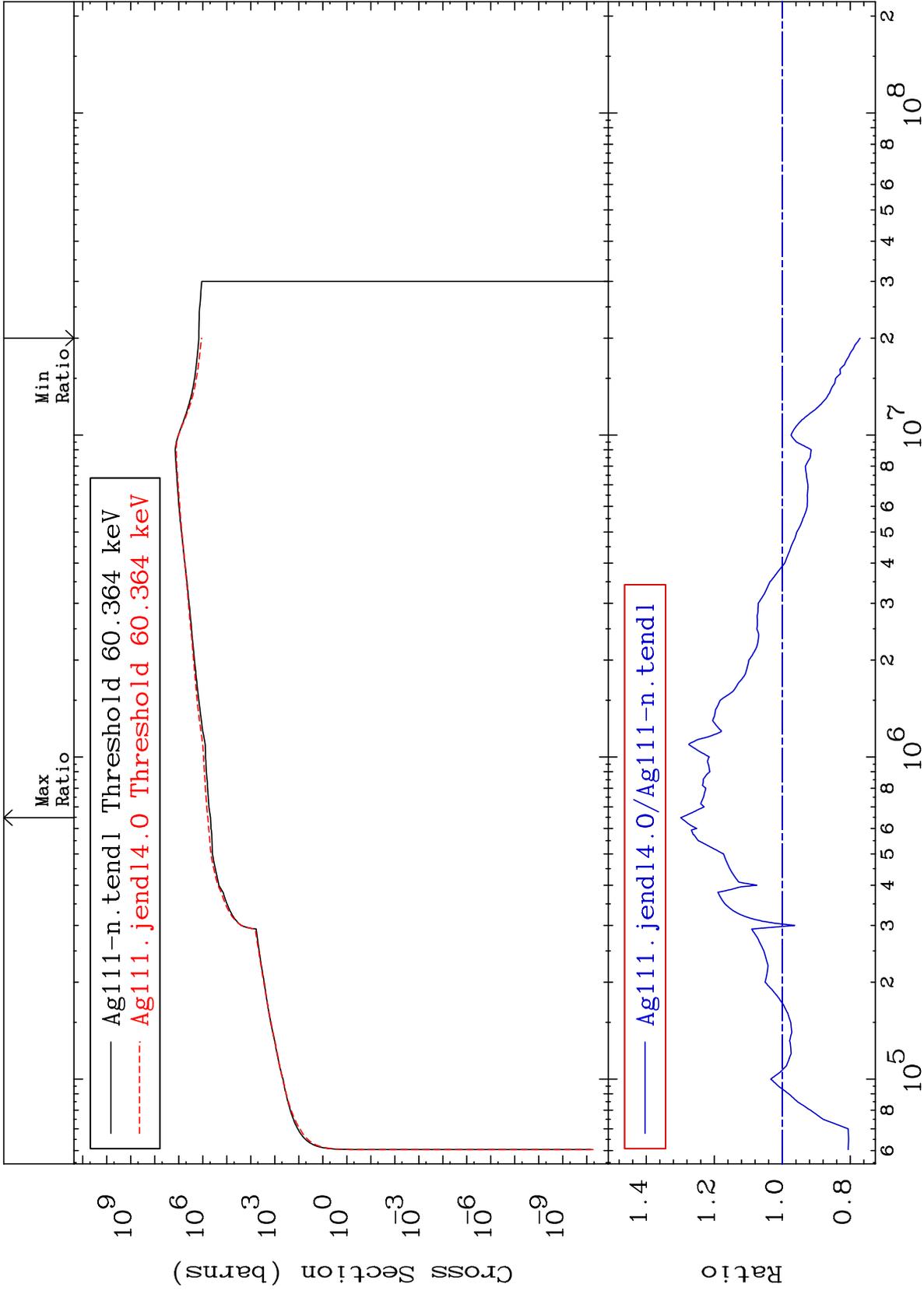
MAT 4737

Kerma elastic  
Cross Section

47-Ag-111  
-75.42 To 383.1 %



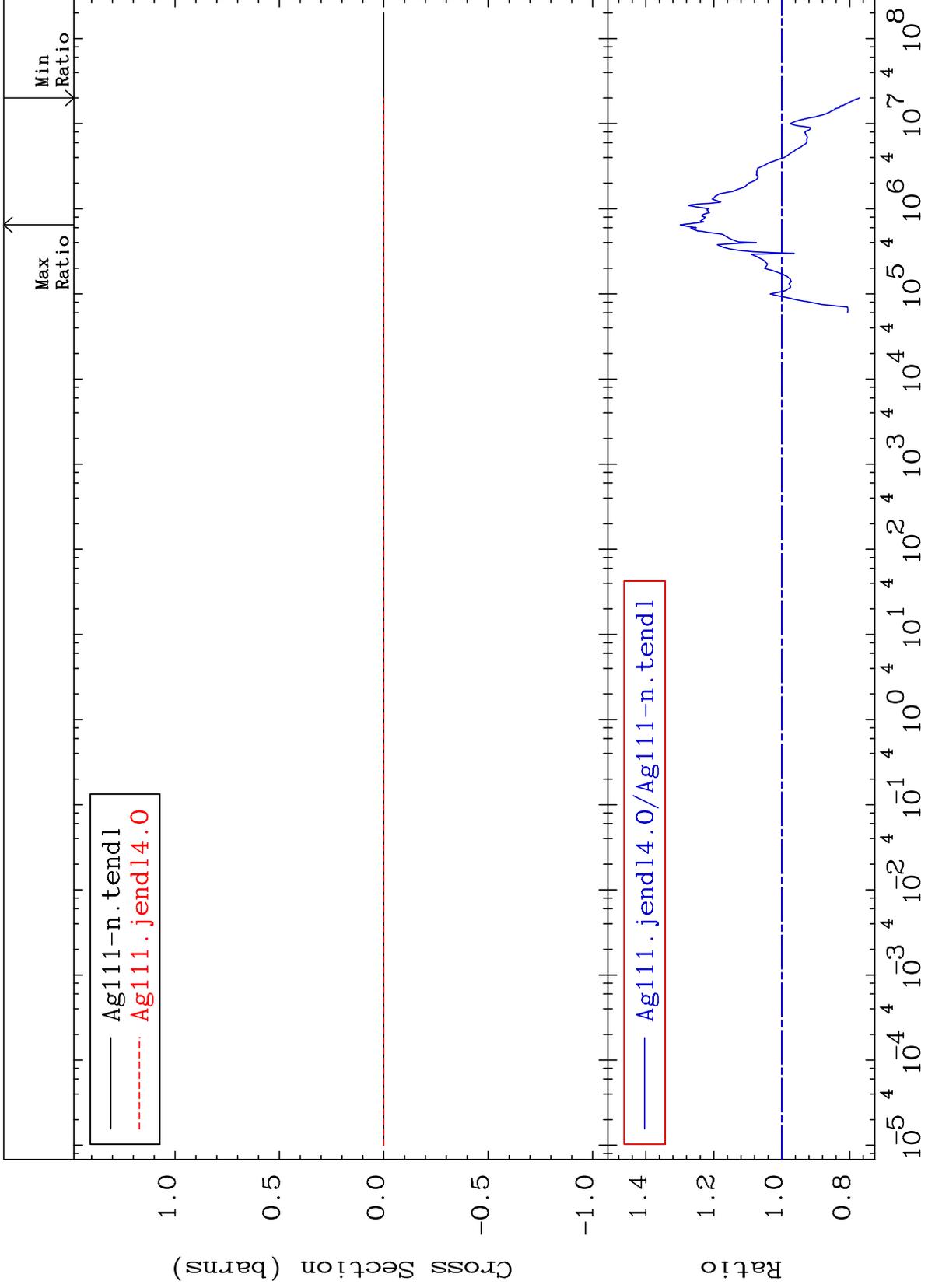


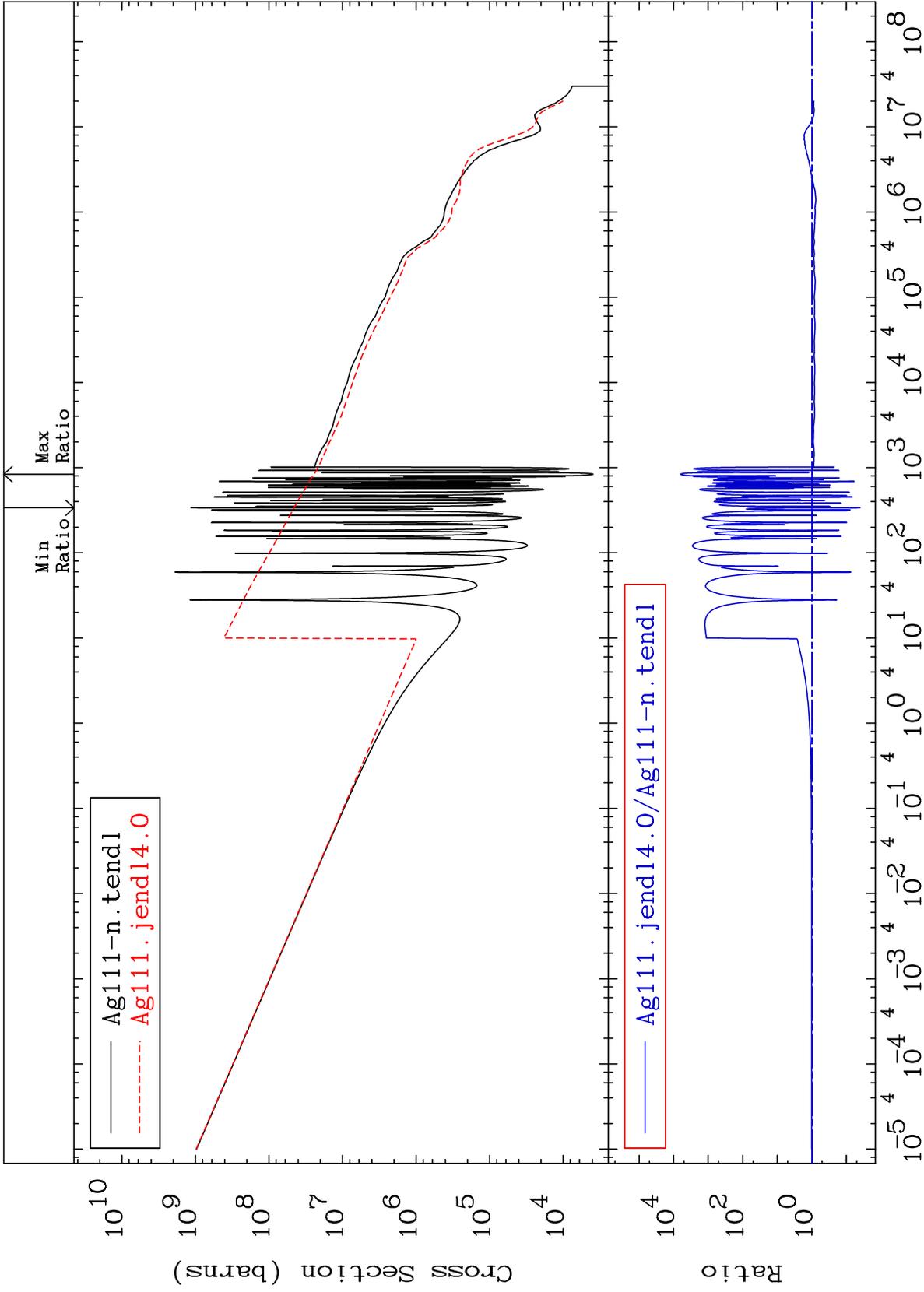


MAT 4737

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

47-Ag-111  
-22.88 To 29.85 %

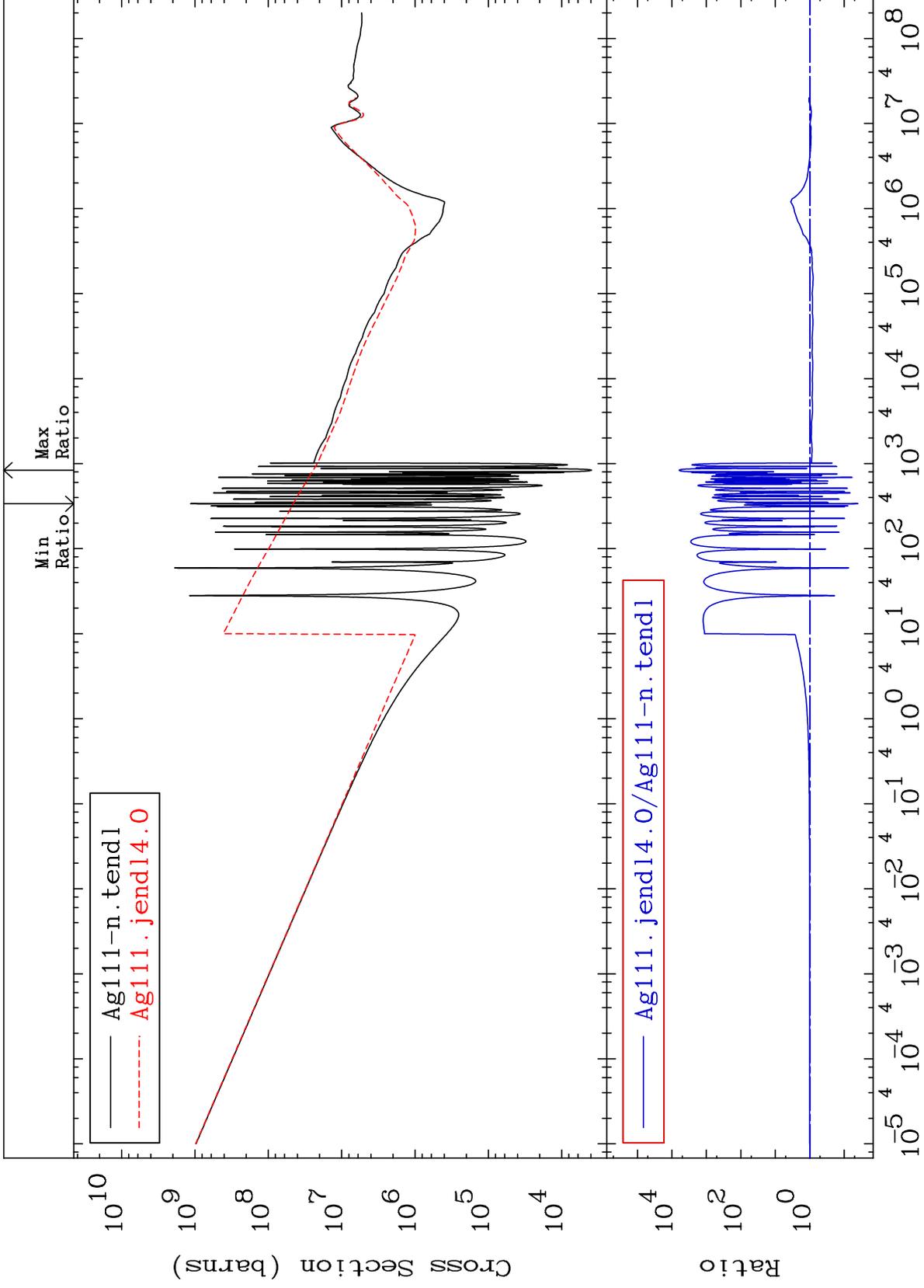




MAT 4737

Total photon (eV-barns)  
Cross Section

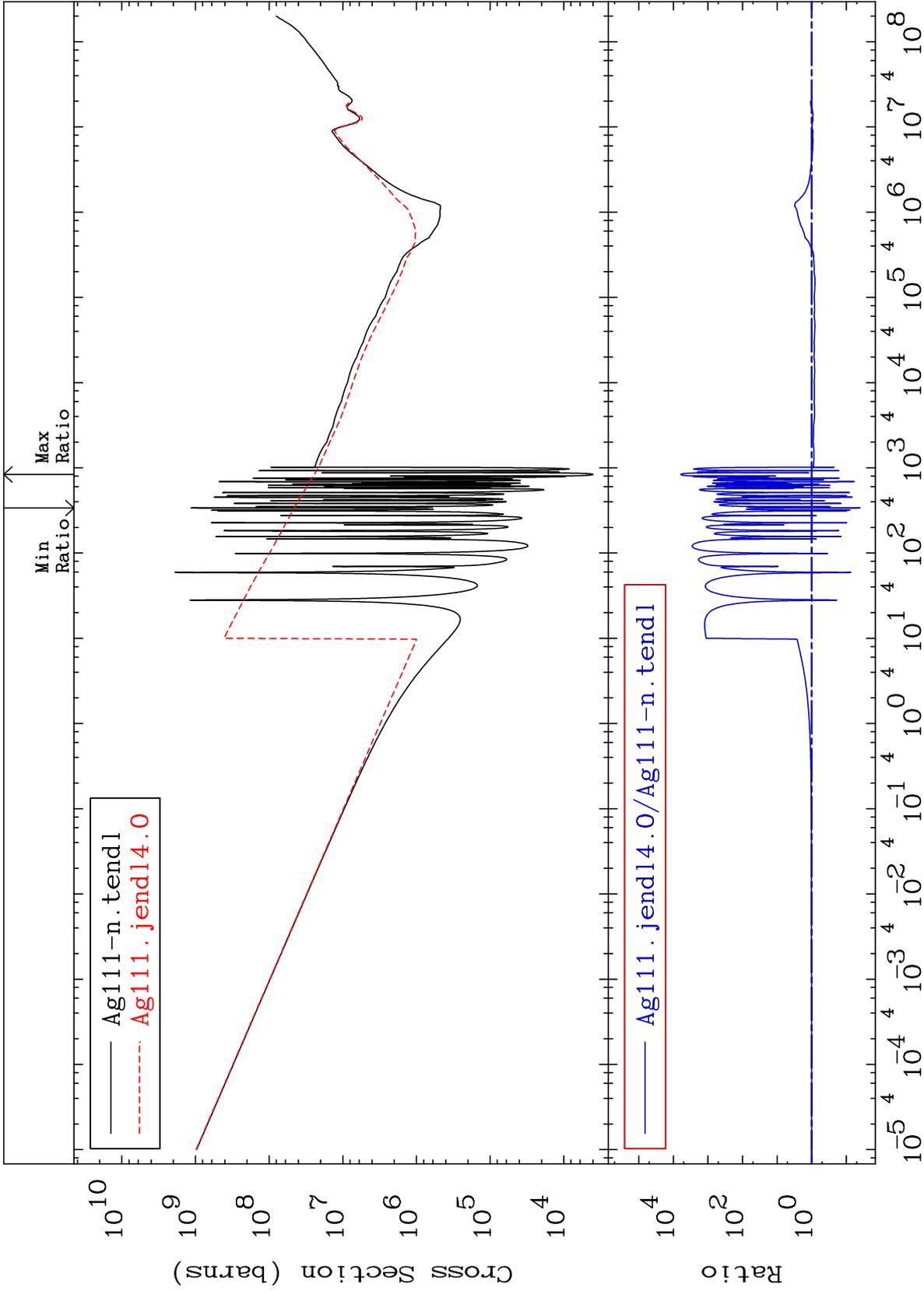
47-Ag-111  
-96.01 To 9999. %

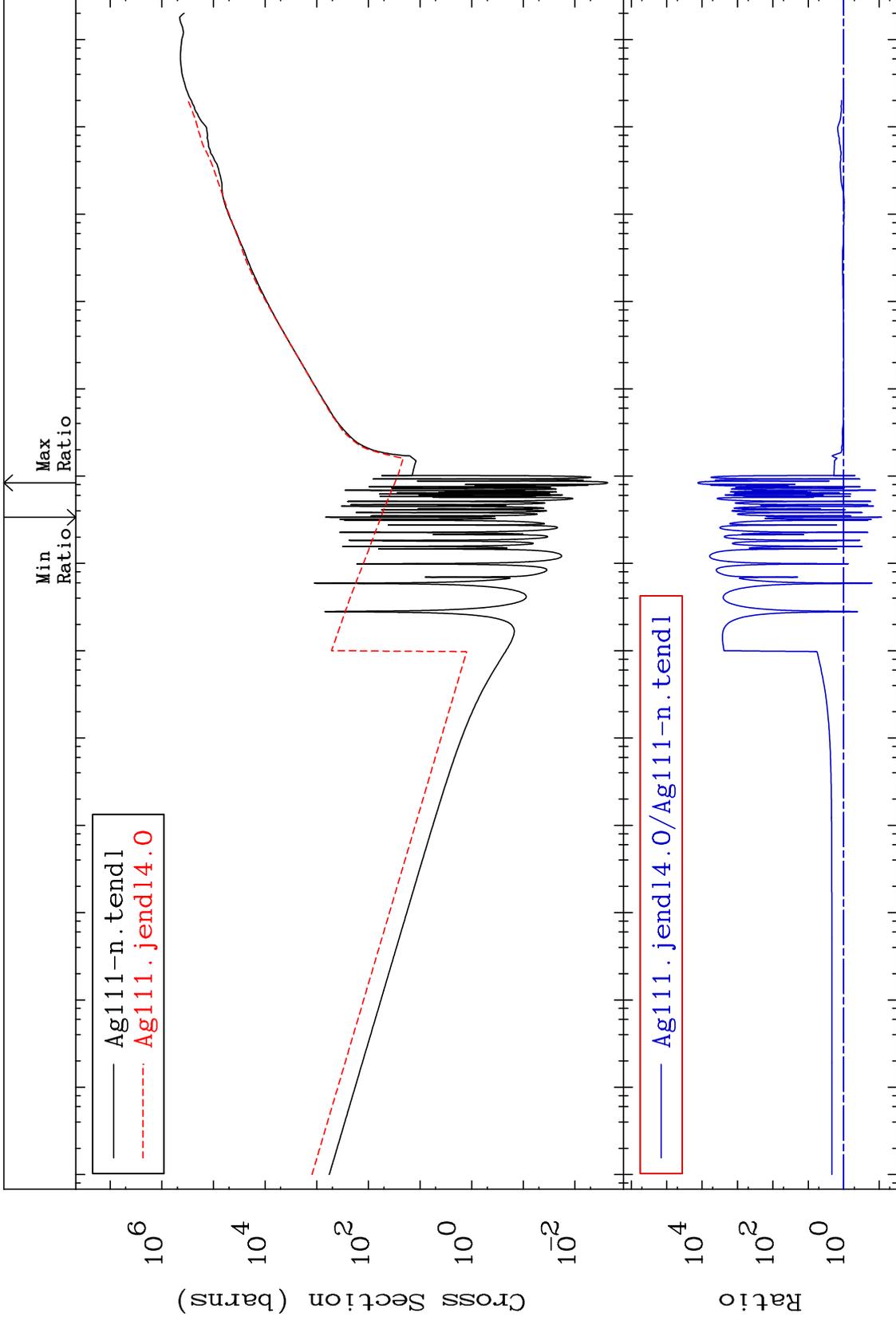


57

Incident Energy (eV)

47-Ag-111

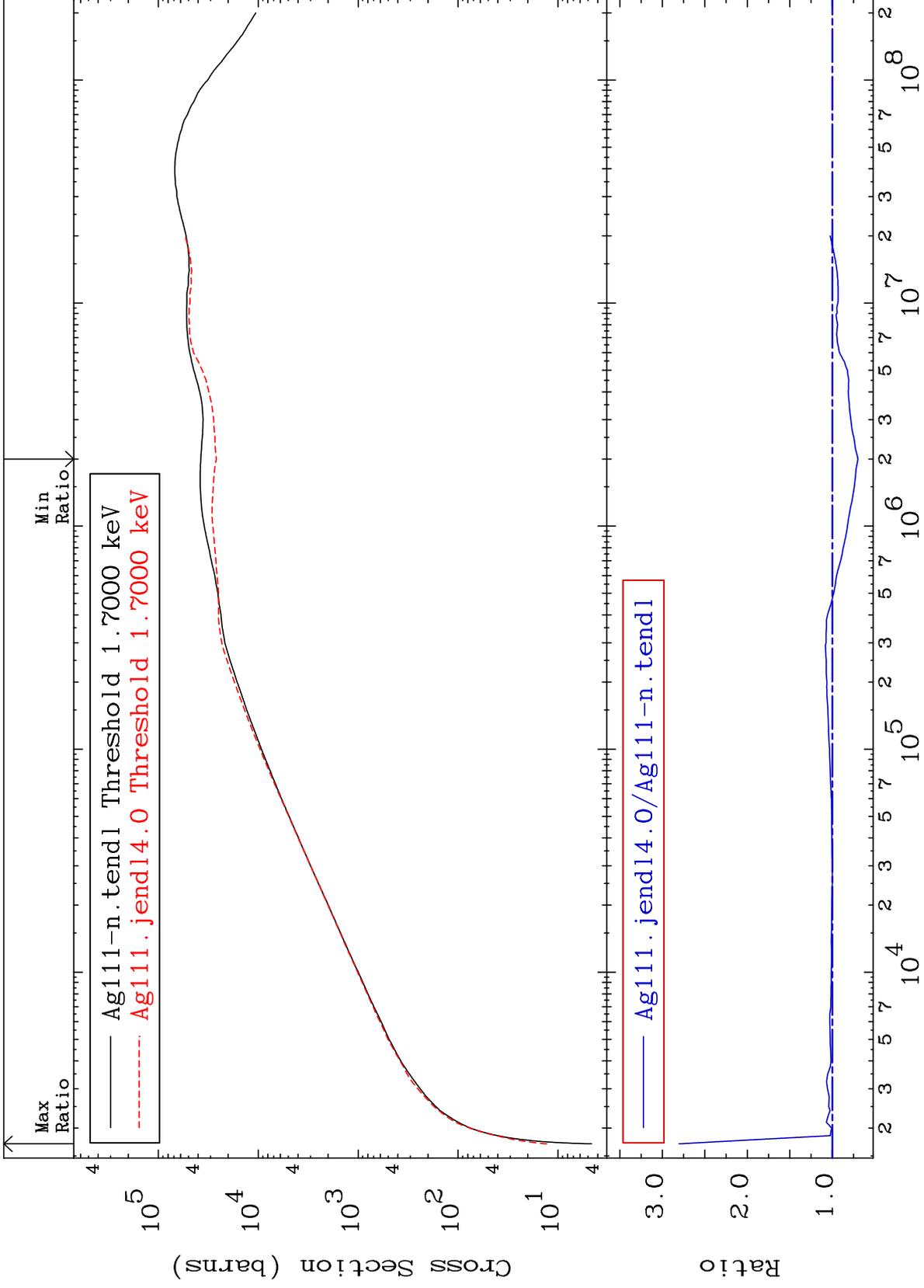




MAT 4737

Dpa elastic (mt2)  
Cross Section

47-Ag-111  
-30.16 To 180.3 %



60

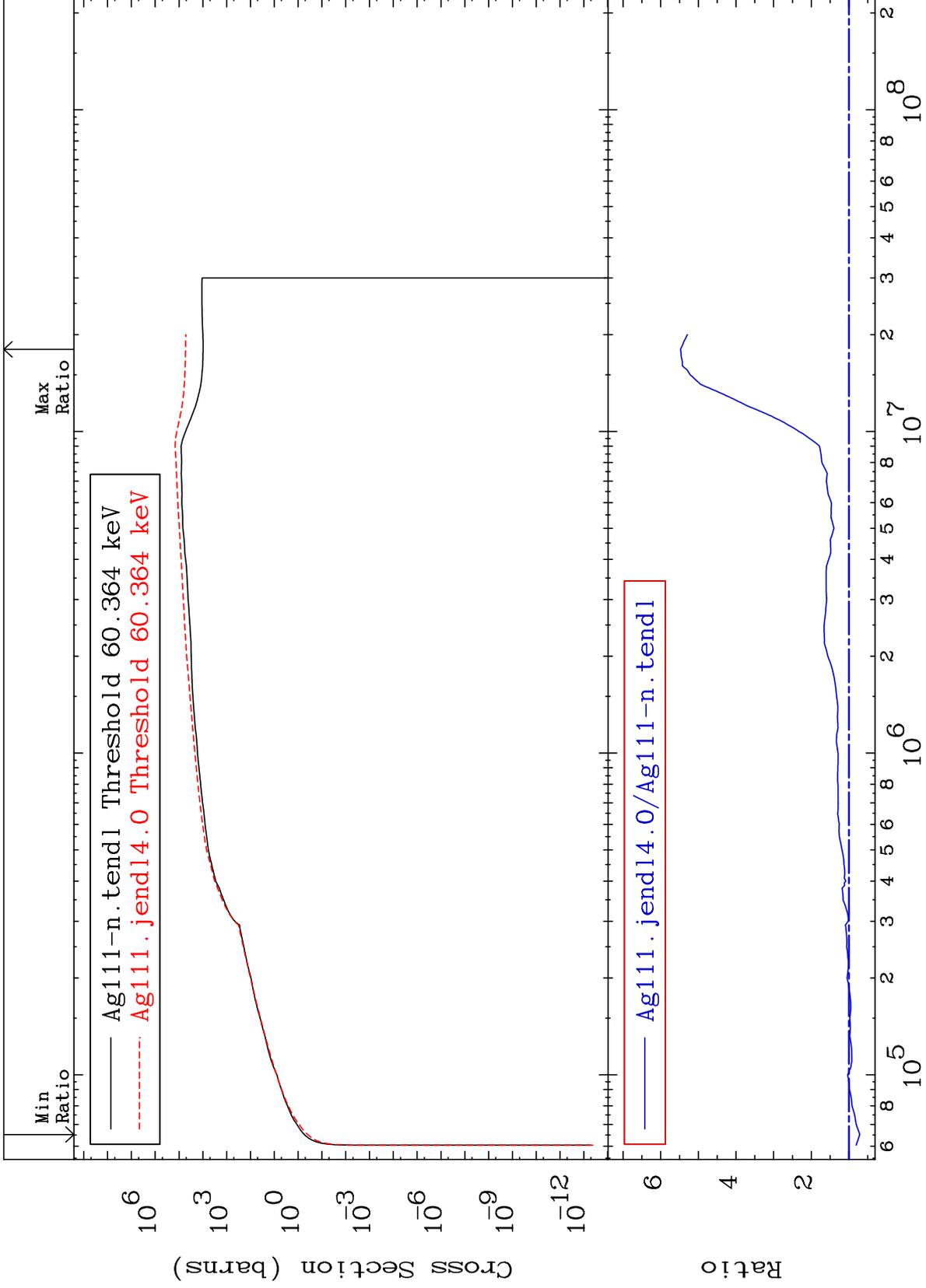
Incident Energy (eV)

47-Ag-111

MAT 4737

Dpa inelastic (mt51-91)  
Cross Section

47-Ag-111  
-28.84 To 447.4 %



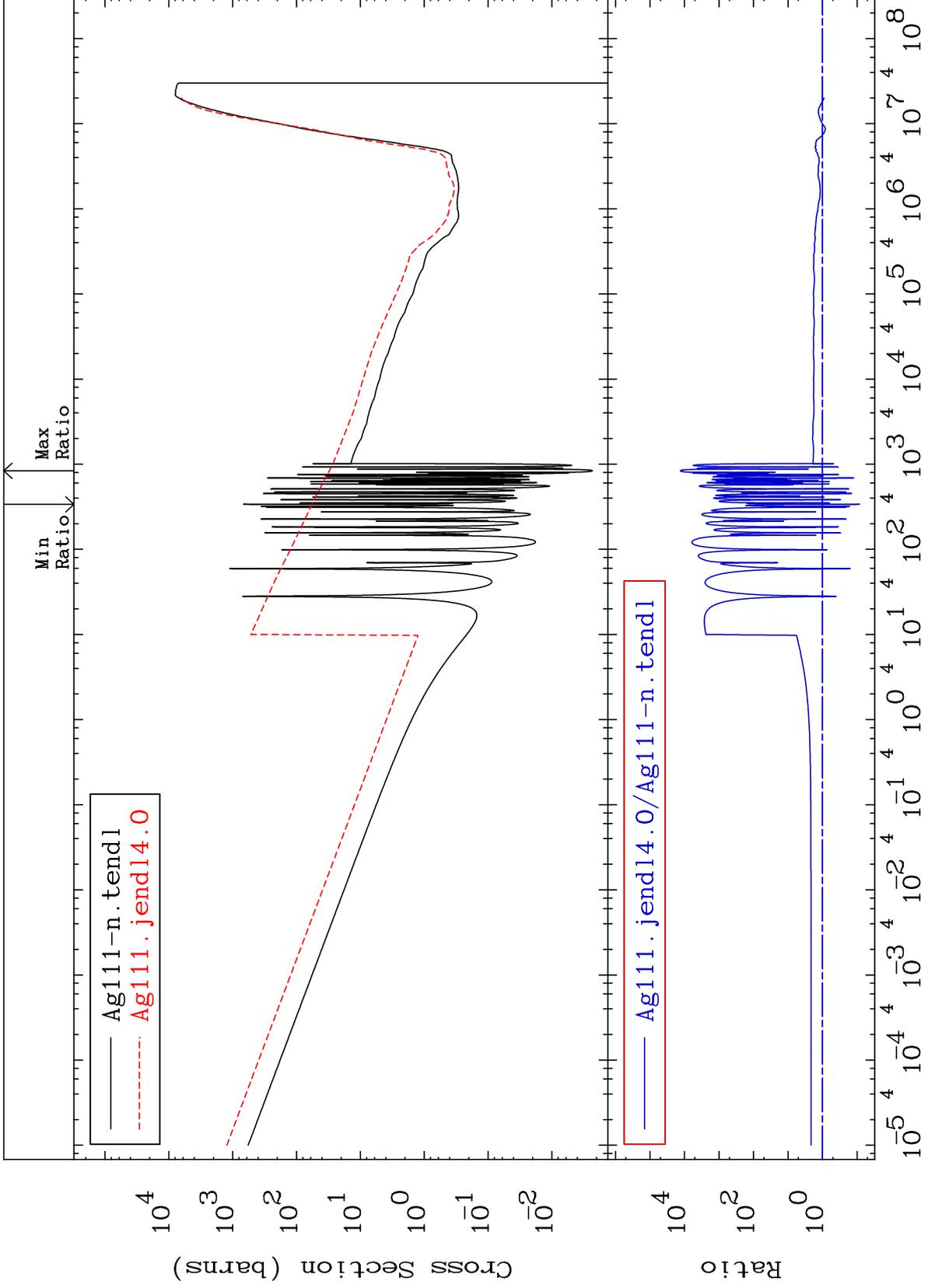
61

47-Ag-111

MAT 4737

Dpa disappearance (mt102 -120)  
Cross Section

47-Ag-111  
-91.48 To 9999. %



62

Incident Energy (eV)

47-Ag-111