

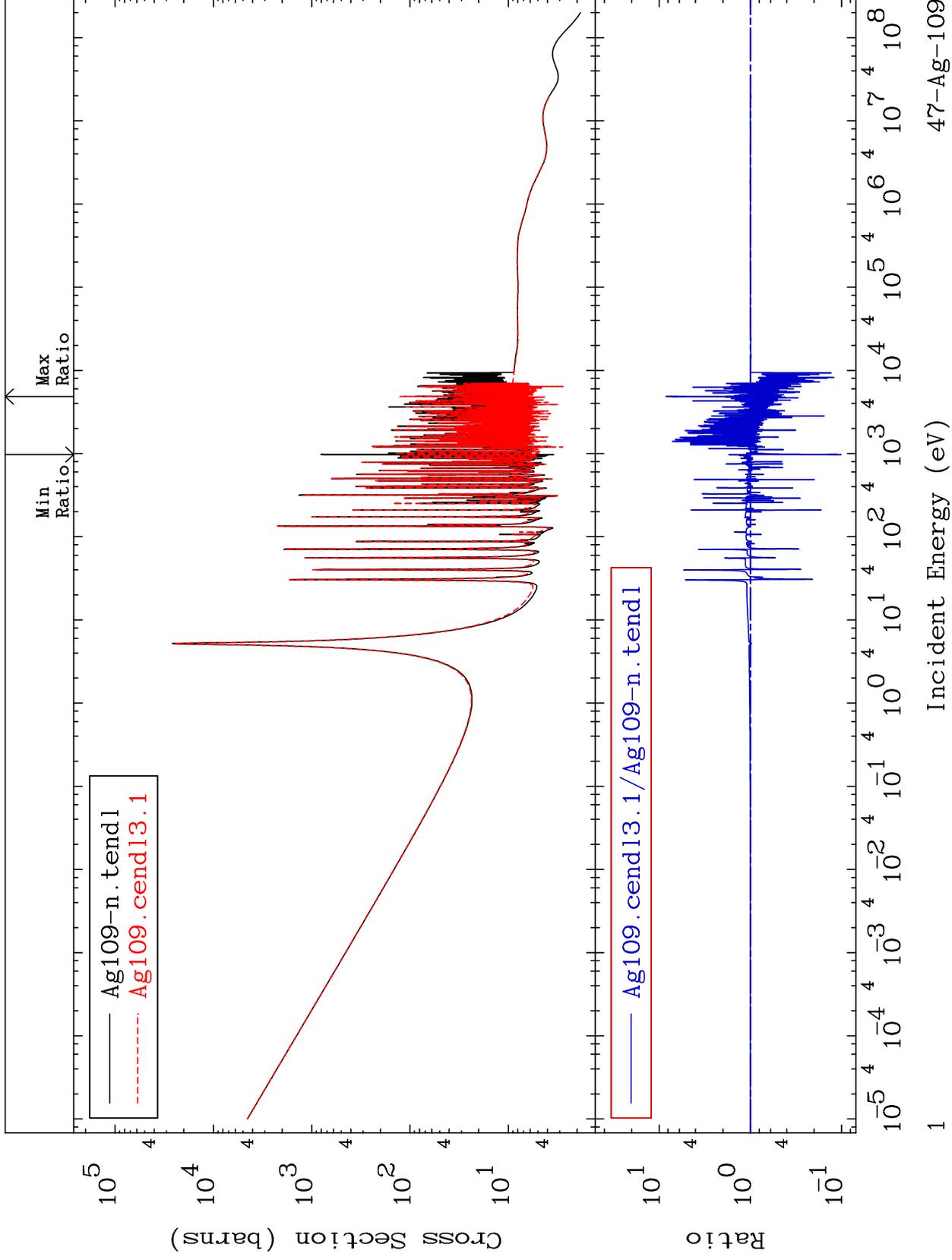
MAT 4731

Total

47-Ag-109

Cross Section

-89.84 To 742.7 %



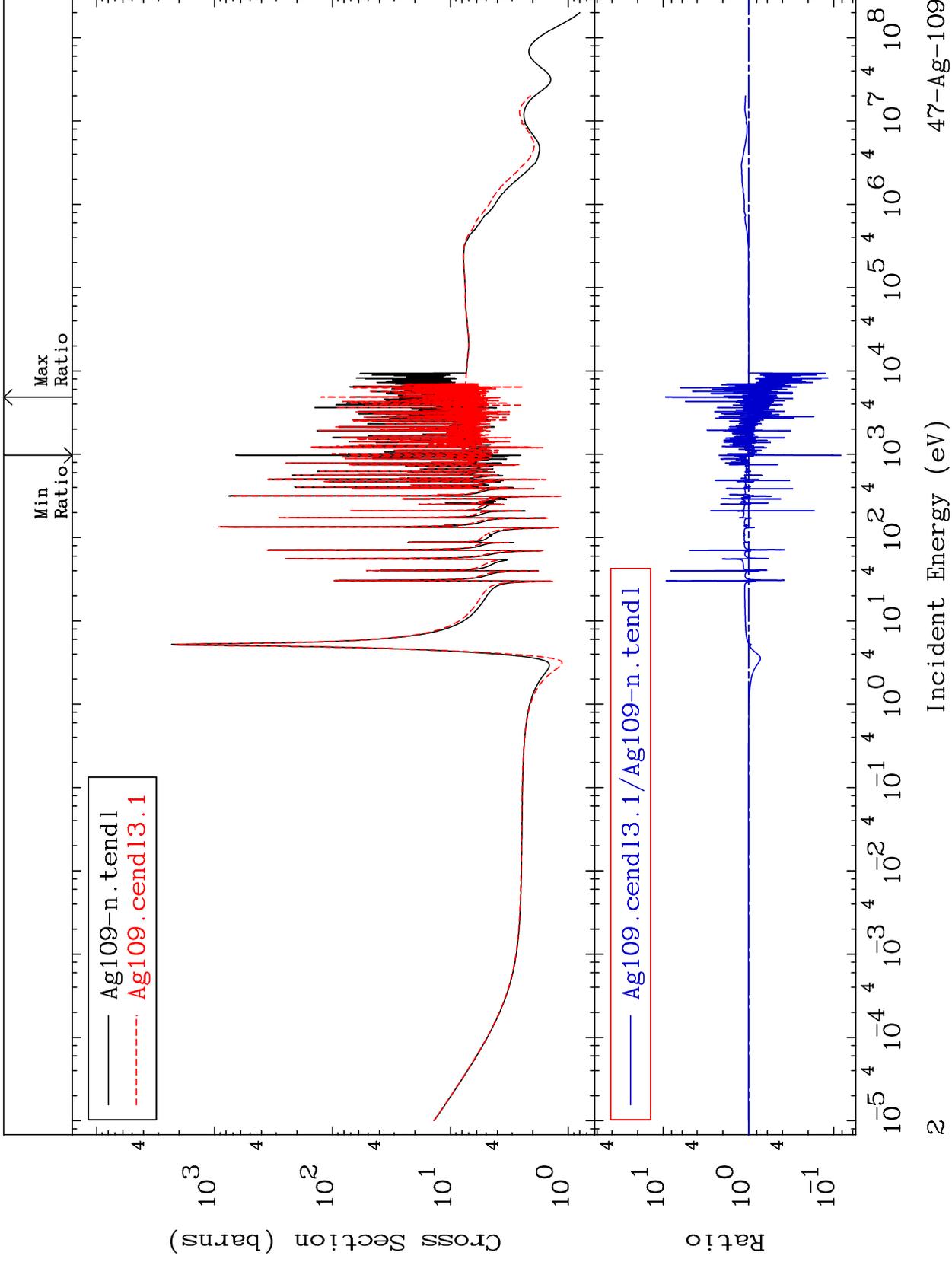
Incident Energy (eV)

47-Ag-109

MAT 4731

Elastic  
Cross Section

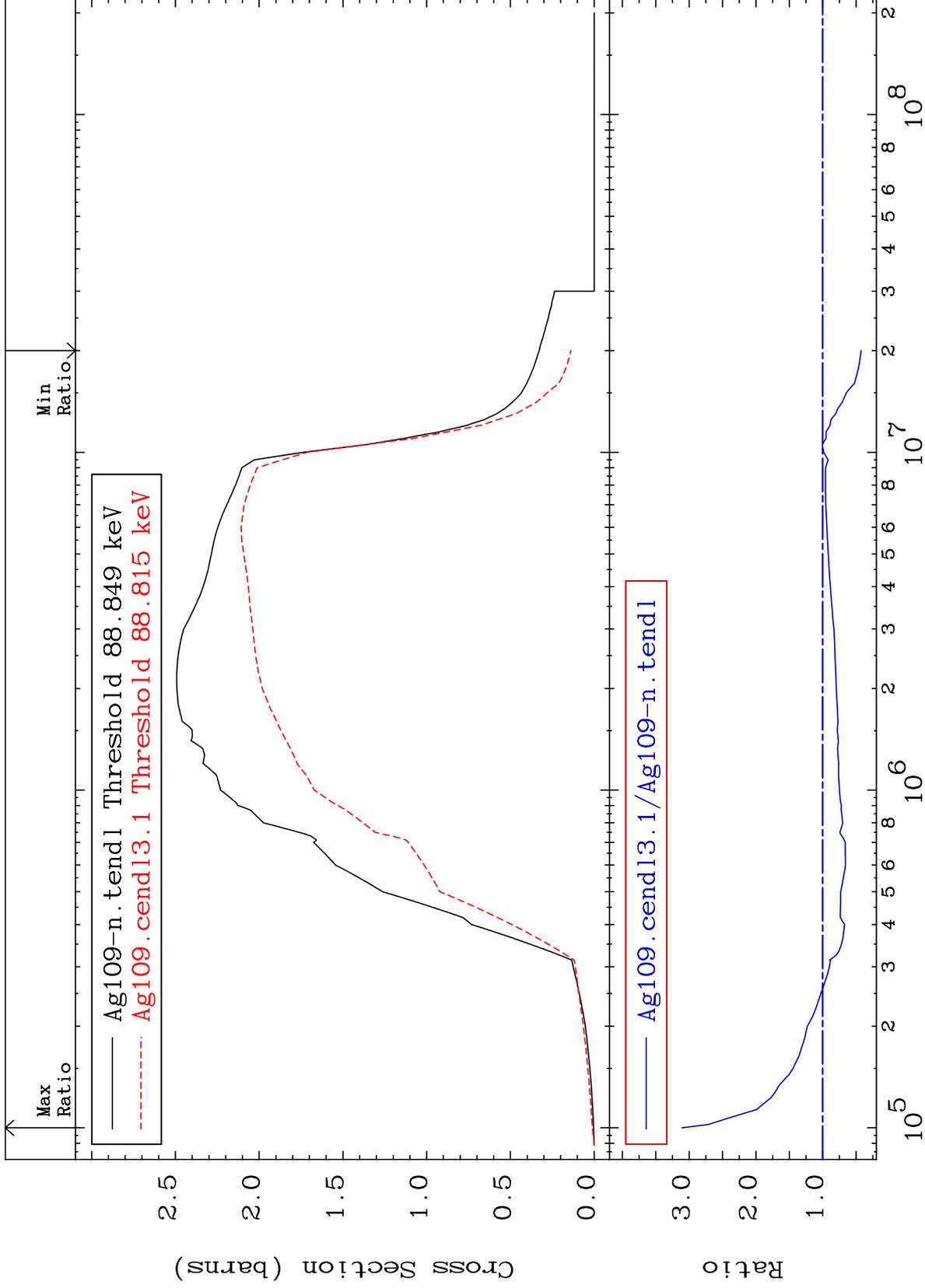
47-Ag-109  
-91.74 To 841.8 %



MAT 4731

Inelastic  
Cross Section

47-Ag-109  
-57.63 To 210.8 %



3

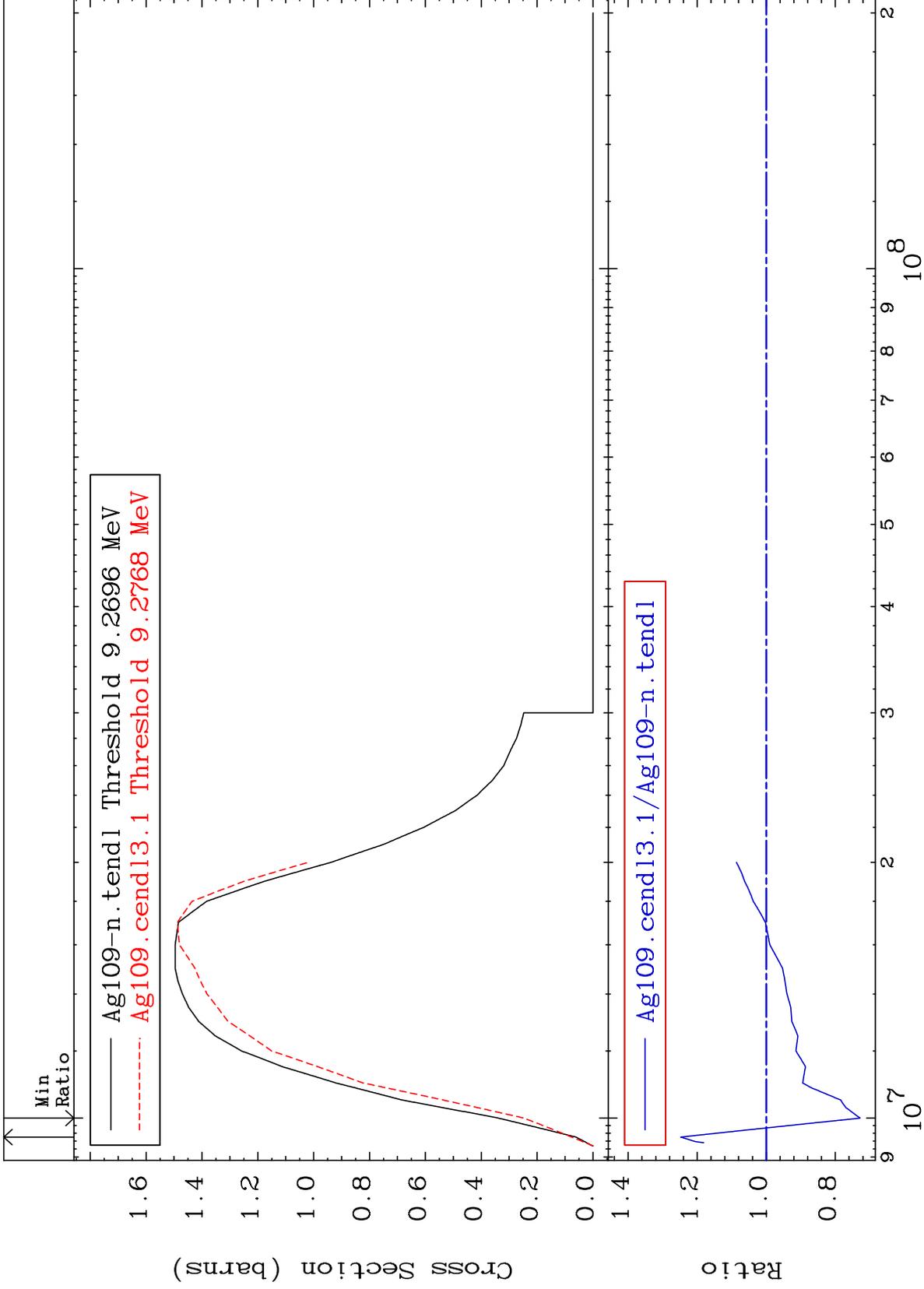
Incident Energy (eV)

47-Ag-109

MAT 4731

(n,2n)  
Cross Section

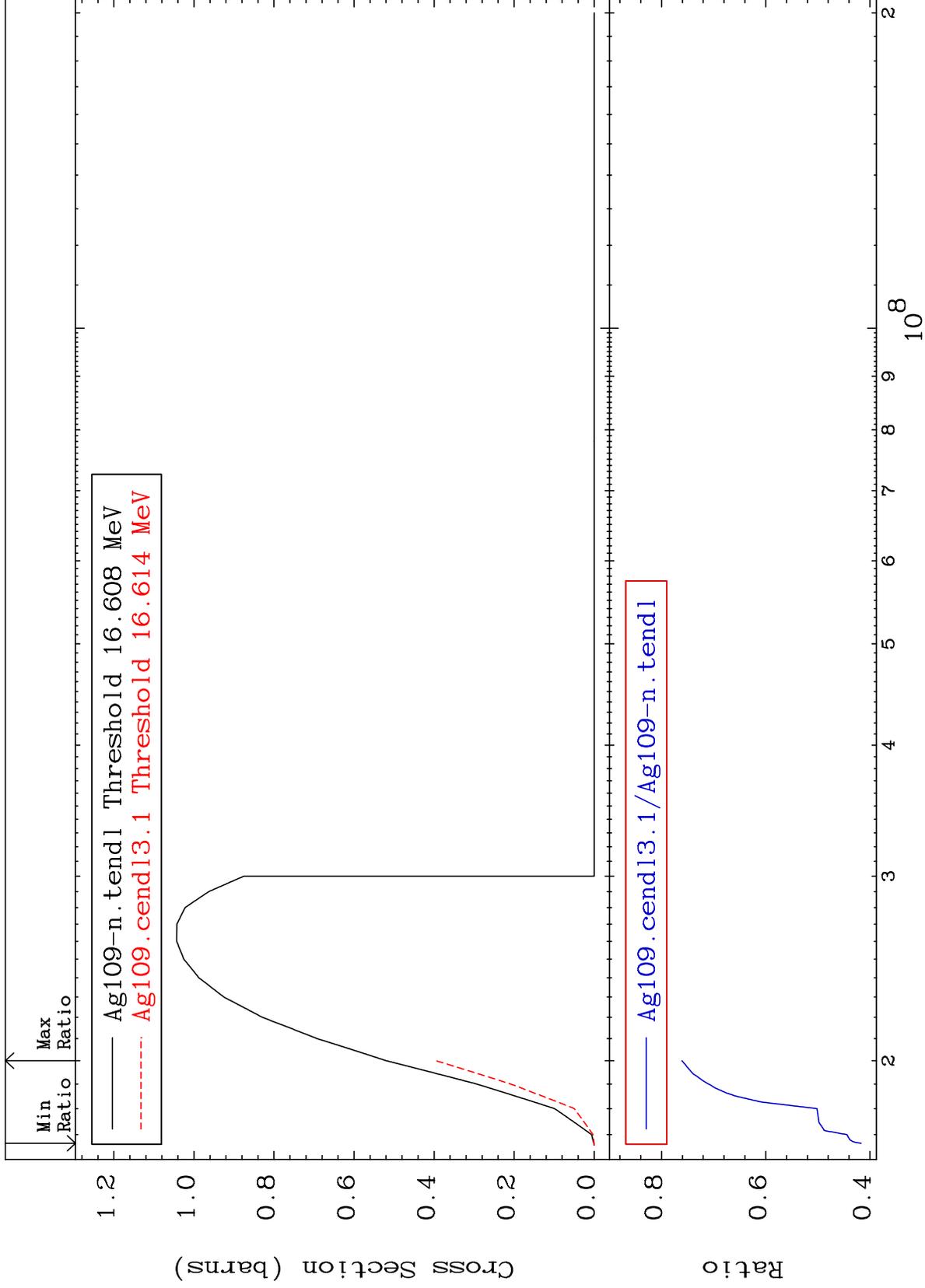
47-Ag-109  
-27.18 To 24.76 %



4

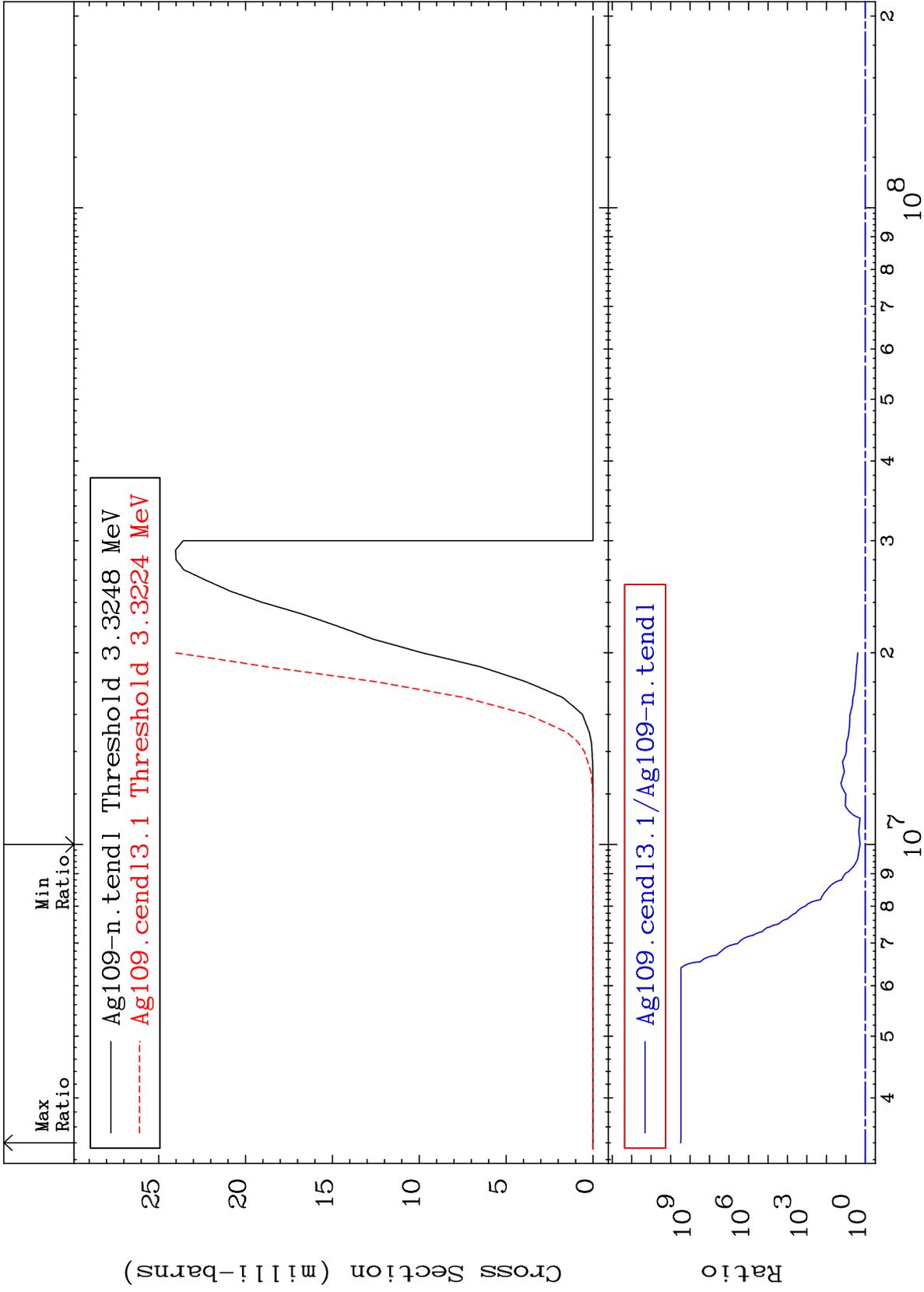
Incident Energy (eV)

47-Ag-109



MAT 4731

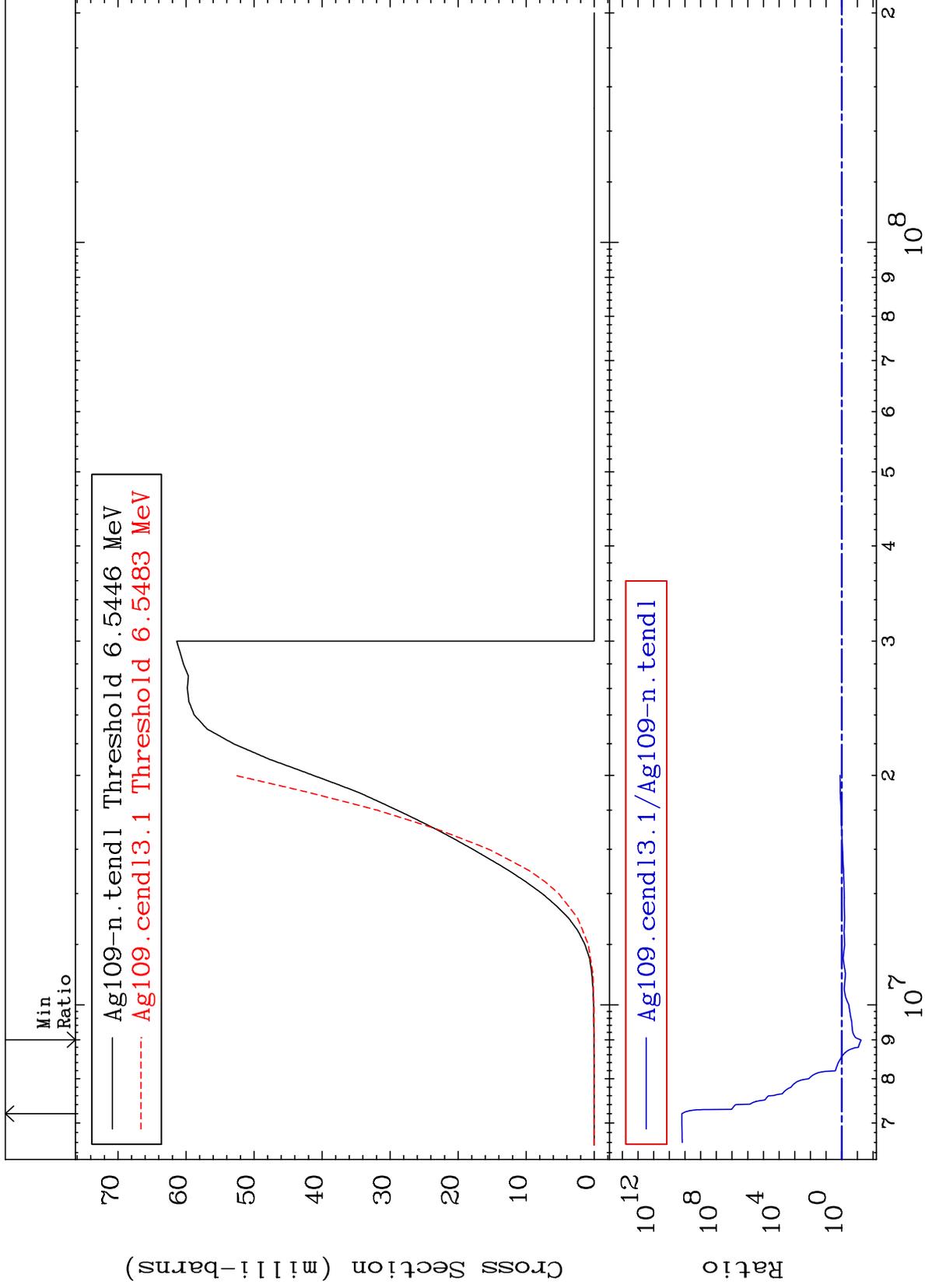
(n,n')  $\alpha$   
Cross Section  
47-Ag-109  
86.32 To 9999. %



MAT 4731

(n, n') p  
Cross Section

47-Ag-109  
-94.29 To 9999. %



7

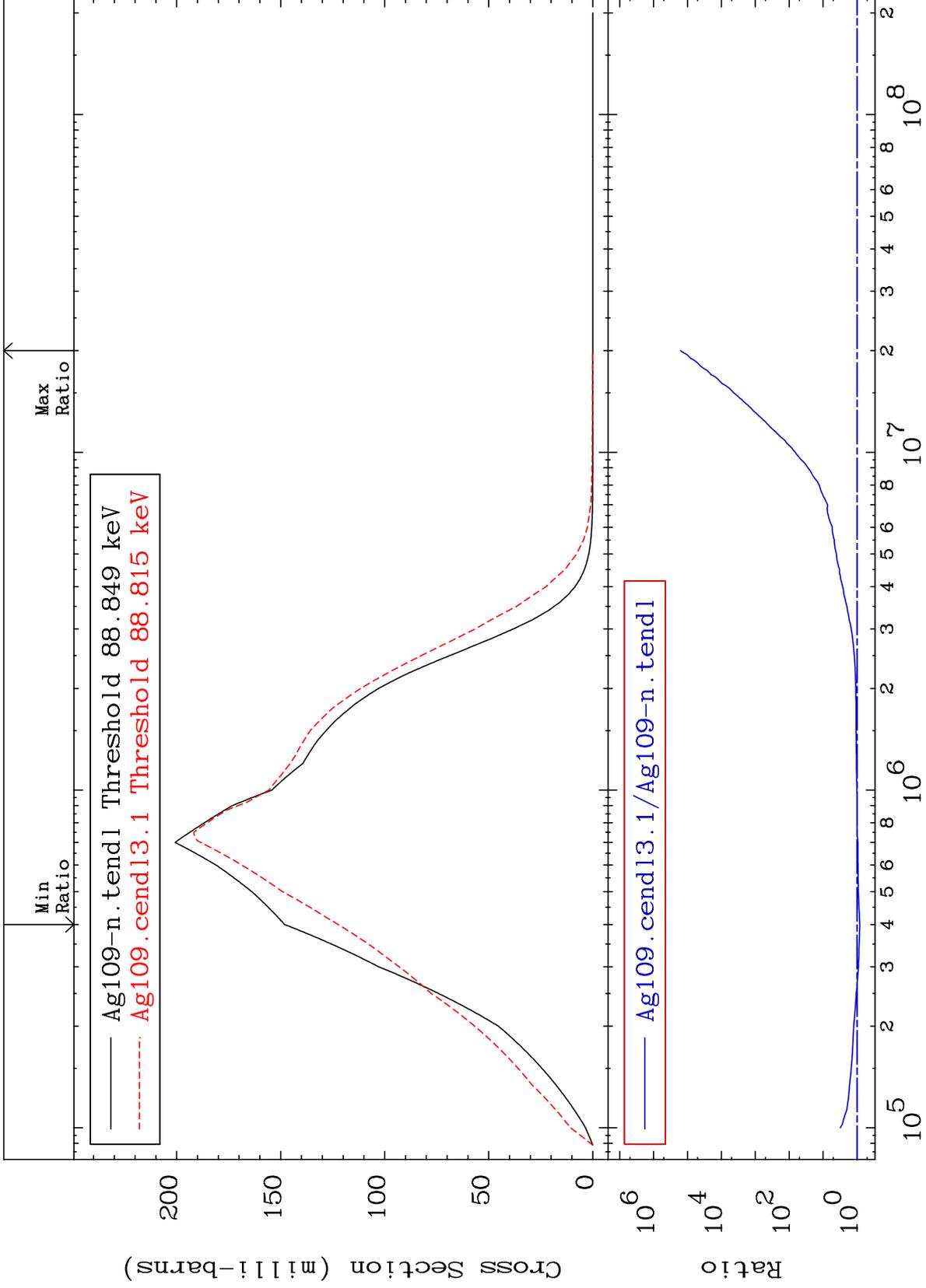
Incident Energy (eV)

47-Ag-109

MAT 4731

88.03 keV (n,n') Level  
Cross Section

47-Ag-109  
-17.38 To 9999. %



8

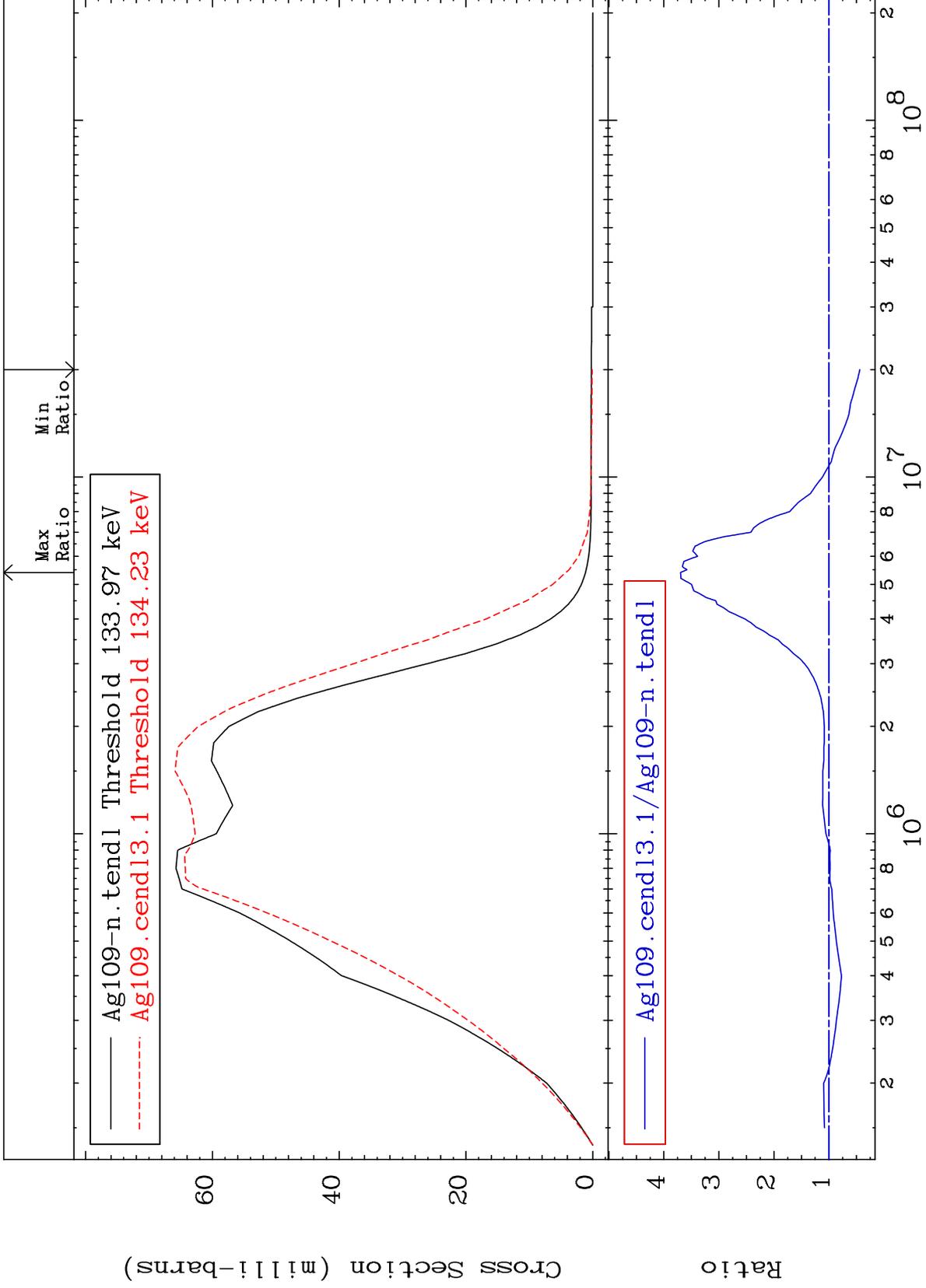
Incident Energy (eV)

47-Ag-109

MAT 4731

132.7 keV (n,n') Level  
Cross Section

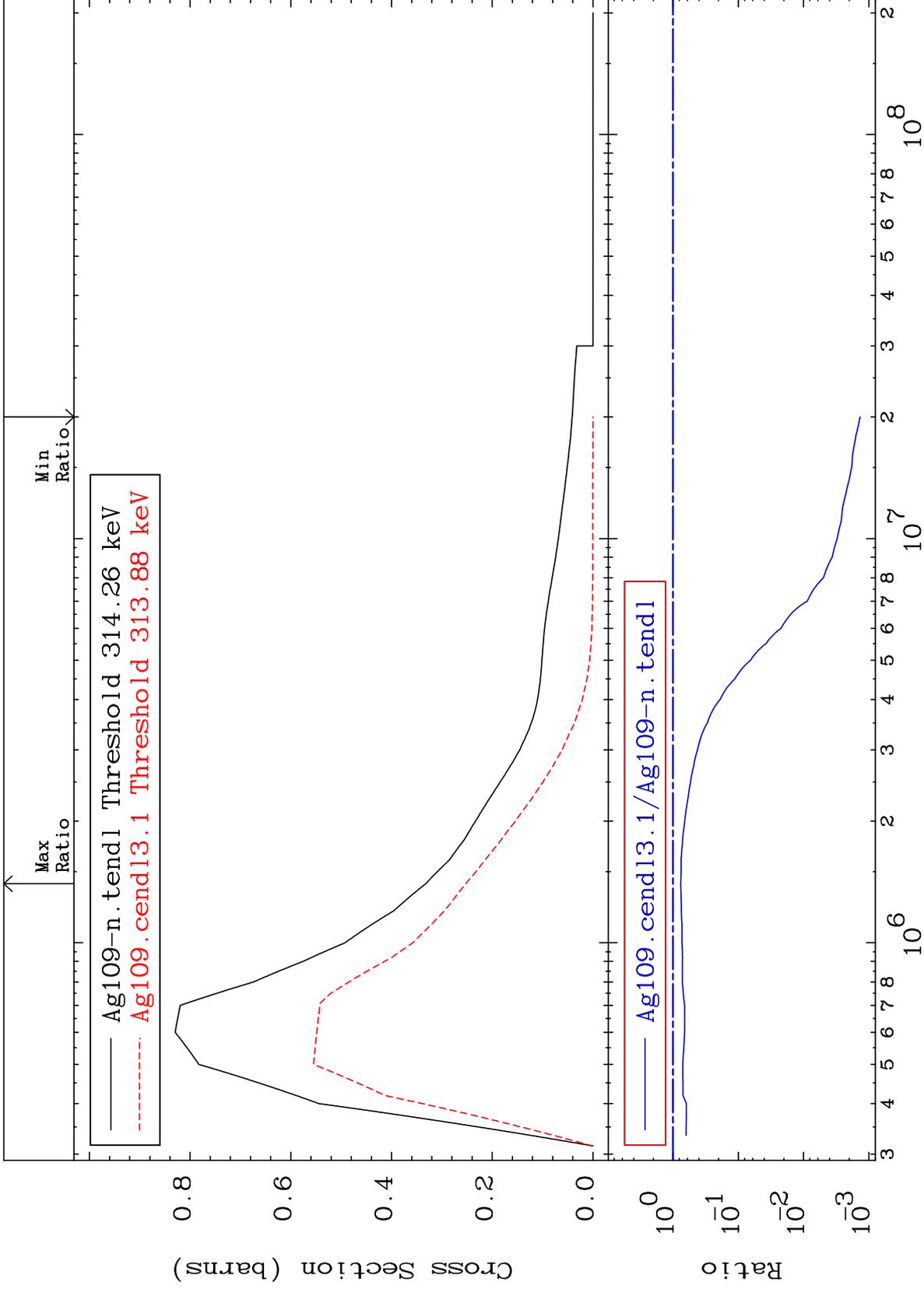
47-Ag-109  
-56.03 To 269.8 %



MAT 4731

311.4 keV (n,n') Level  
Cross Section

47-Ag-109  
-99.86 To -23.98%



10

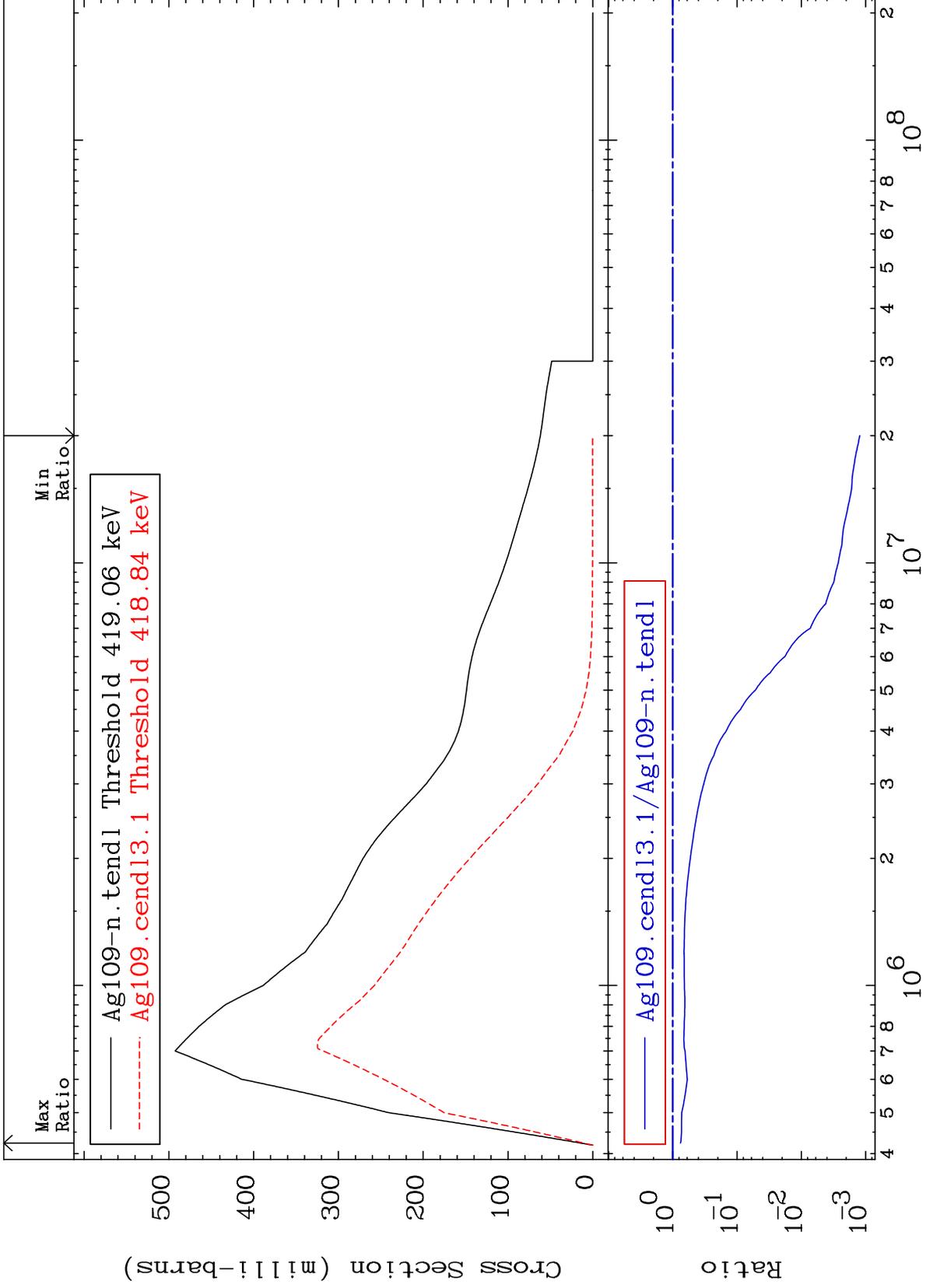
Incident Energy (eV)

47-Ag-109

MAT 4731

415.2 keV (n,n') Level  
Cross Section

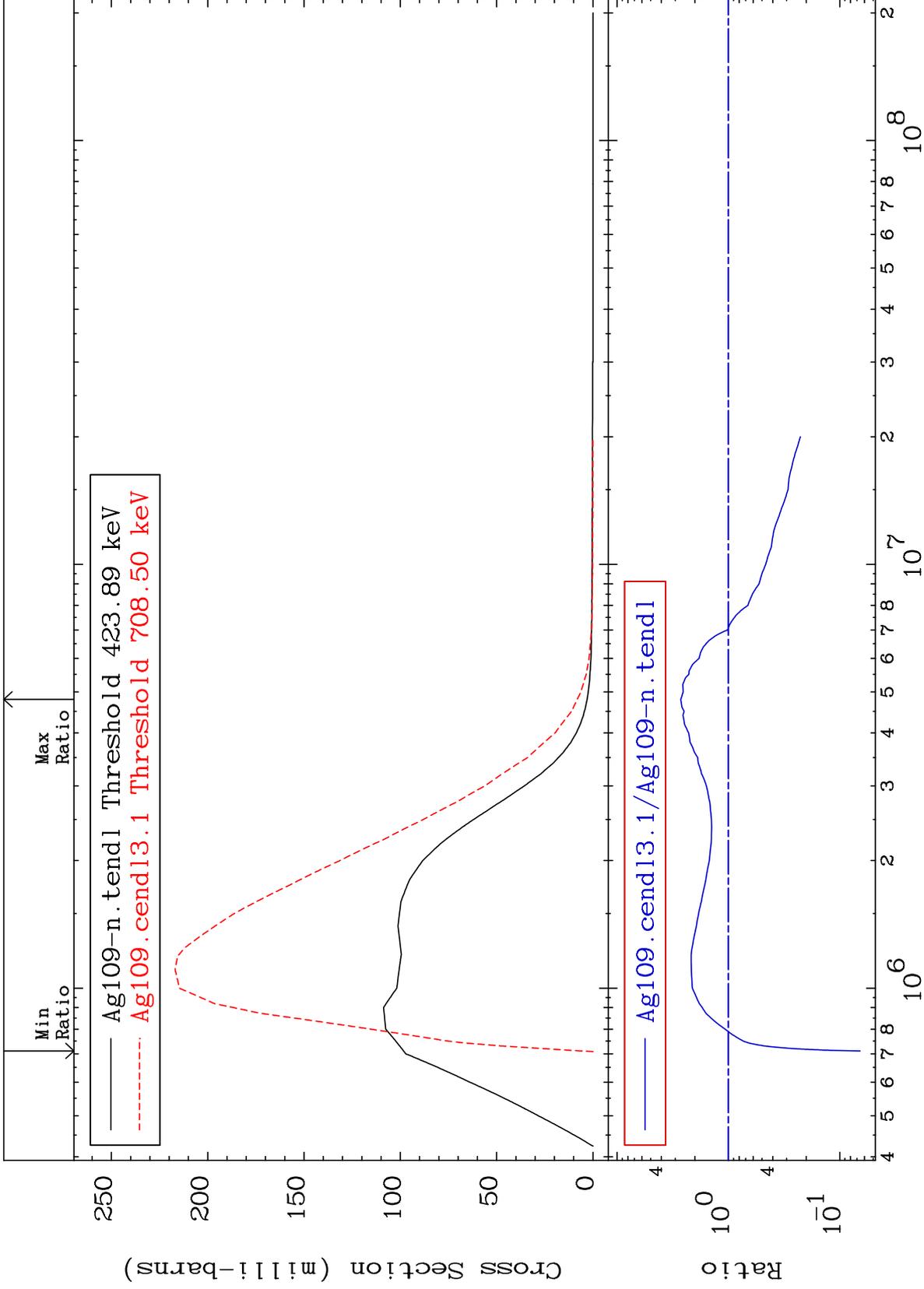
47-Ag-109  
-99.88 To -24.02%



MAT 4731

420.0 keV (n,n') Level  
Cross Section

47-Ag-109  
-93.43 To 168.0 %



12

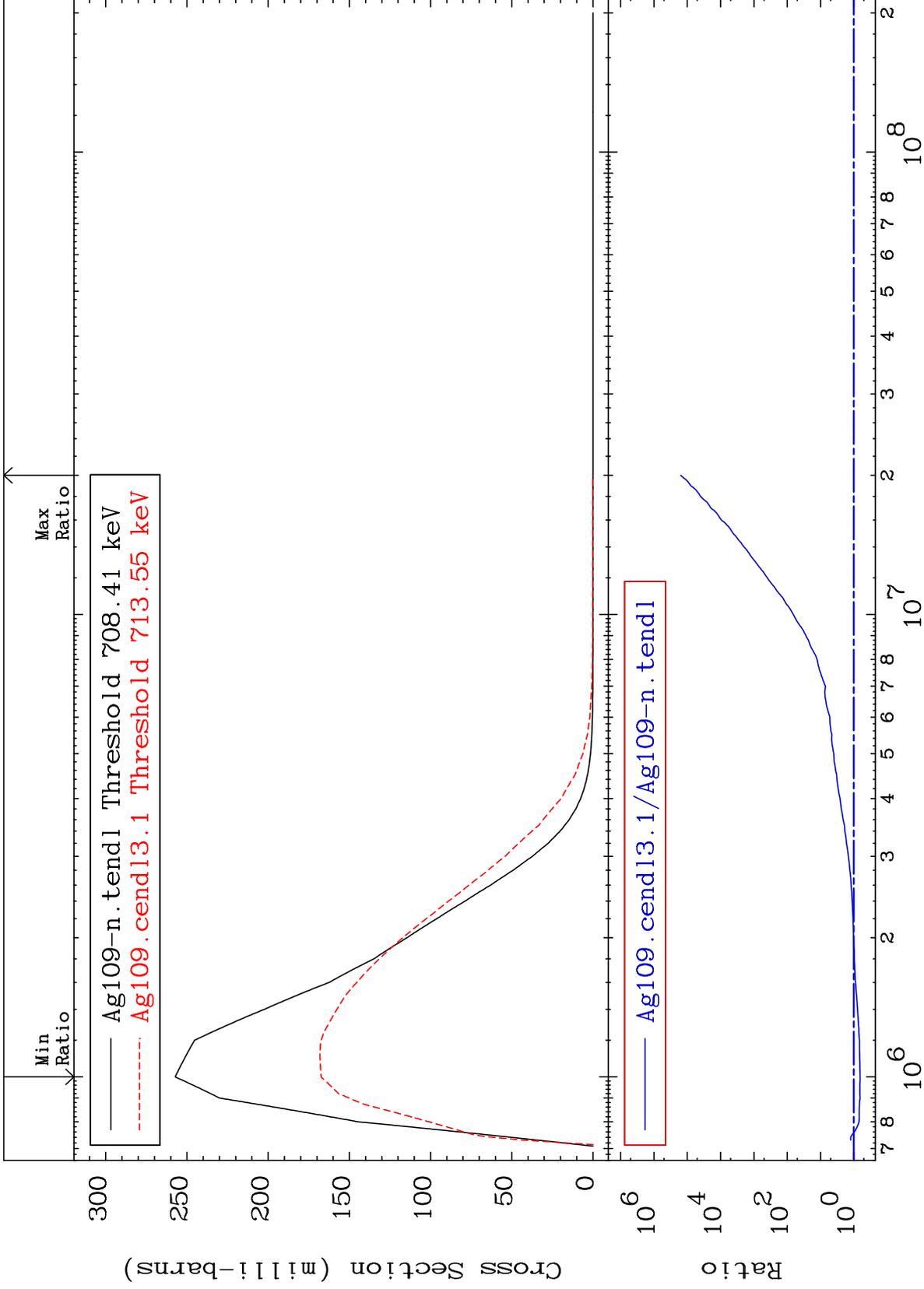
Incident Energy (eV)

47-Ag-109

MAT 4731

701.9 keV (n,n') Level  
Cross Section

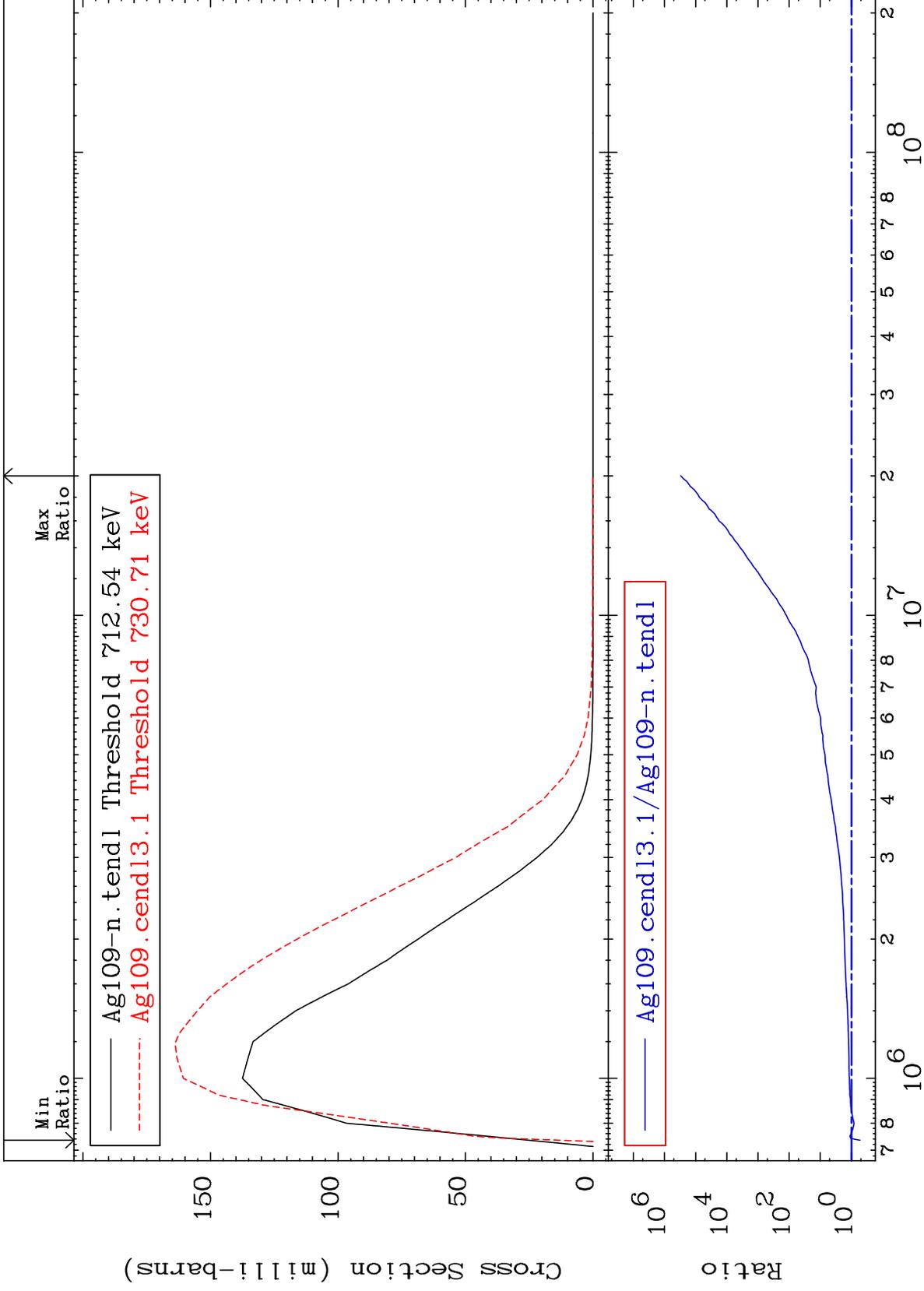
47-Ag-109  
-34.92 To 9999. %



MAT 4731

706.0 keV (n,n') Level  
Cross Section

47-Ag-109  
-47.12 To 9999. %



14

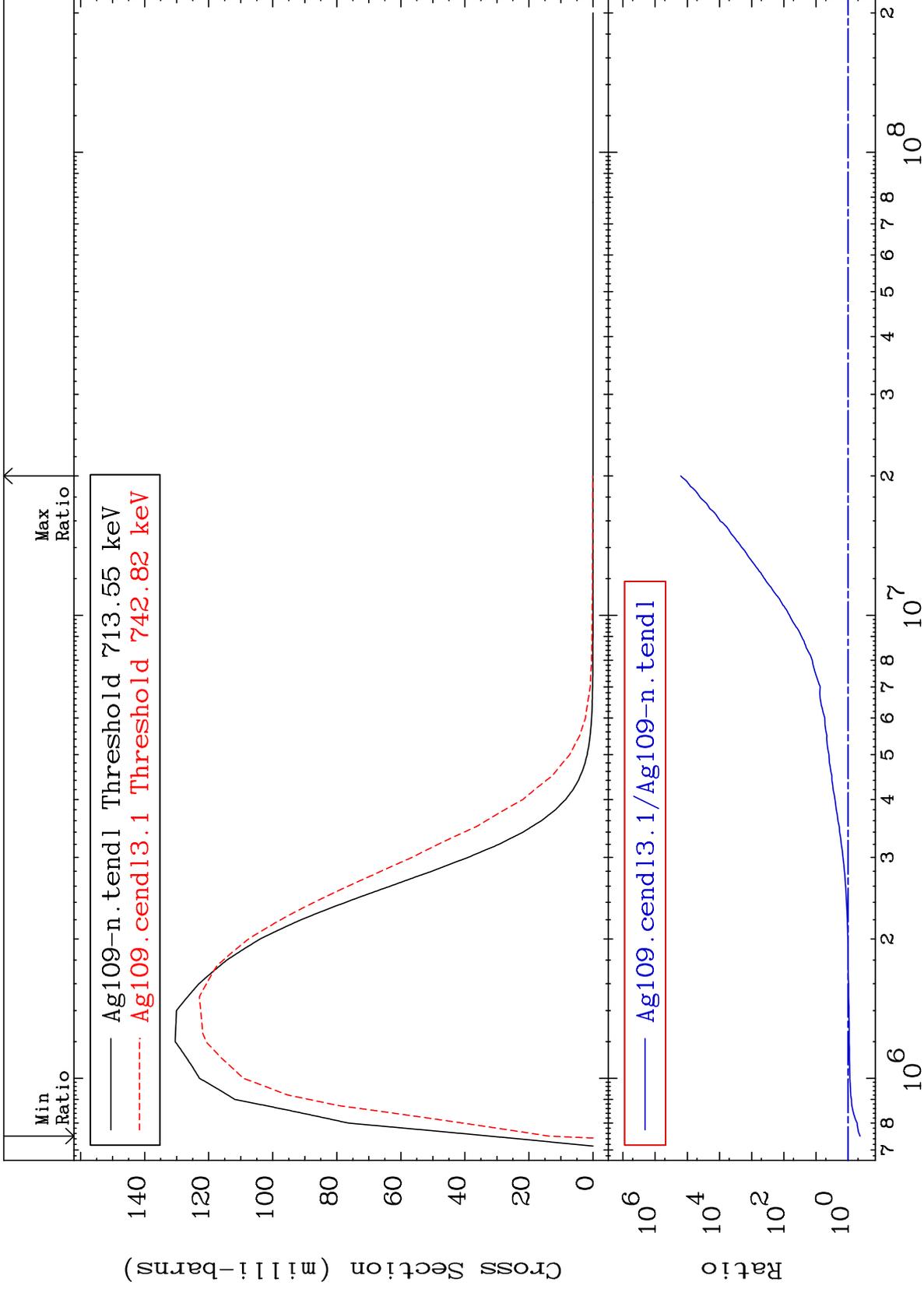
Incident Energy (eV)

47-Ag-109

MAT 4731

707.0 keV (n,n') Level  
Cross Section

47-Ag-109  
-57.16 To 9999. %



15

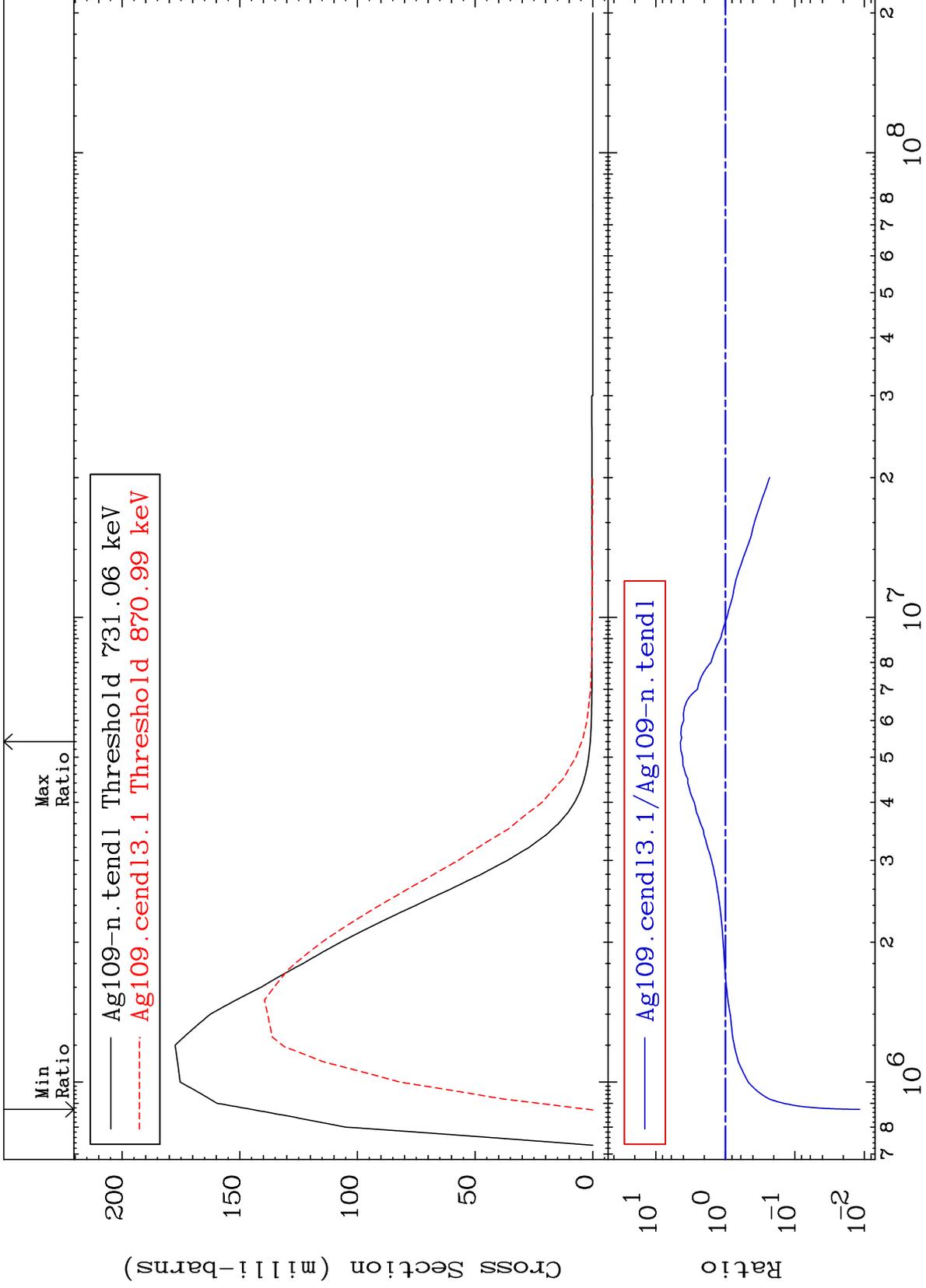
Incident Energy (eV)

47-Ag-109

MAT 4731

724.3 keV (n,n') Level  
Cross Section

47-Ag-109  
-98.84 To 340.6 %



16

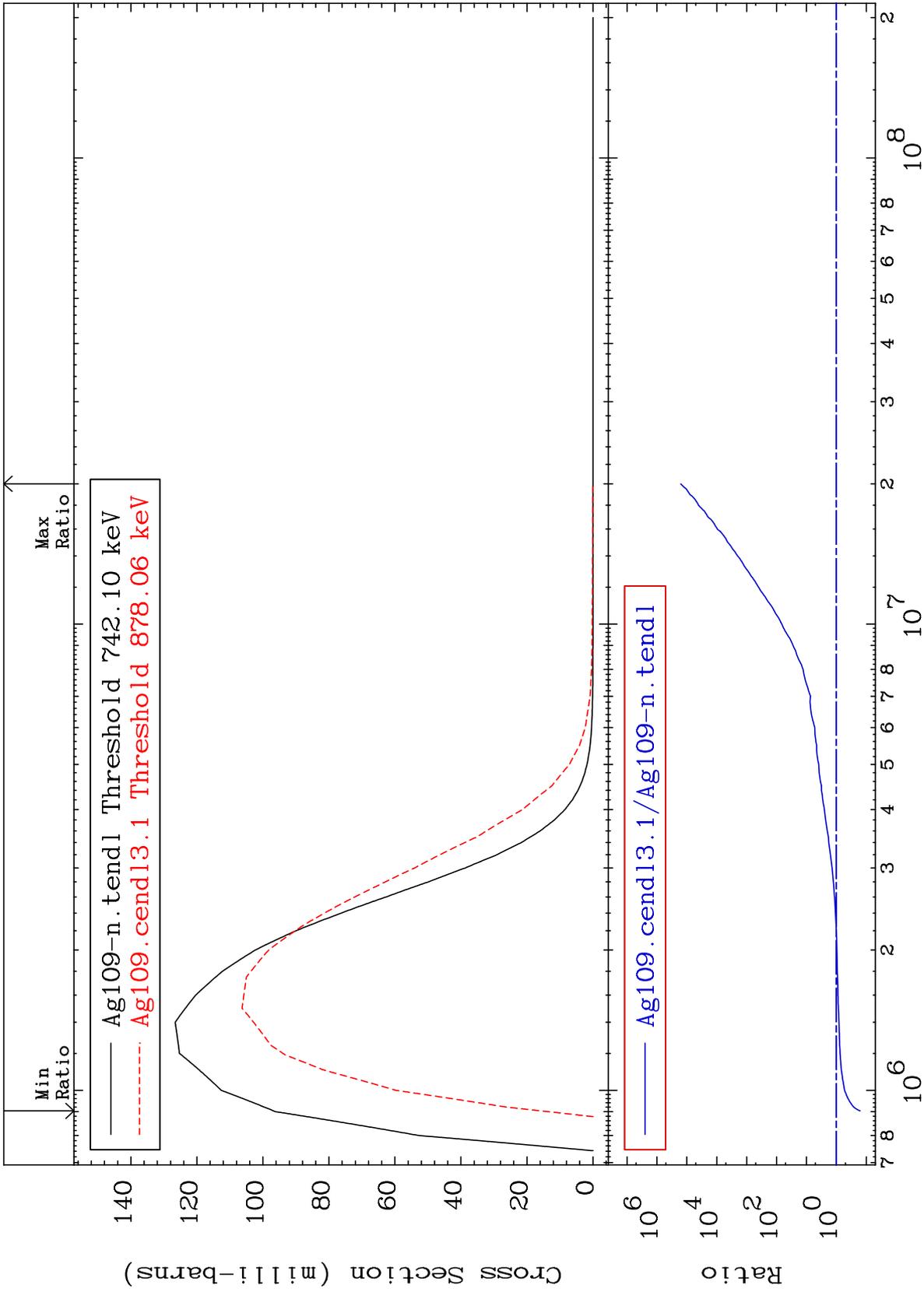
Incident Energy (eV)

47-Ag-109

MAT 4731

735.3 keV (n,n') Level  
Cross Section

47-Ag-109  
-83.90 To 9999. %



17

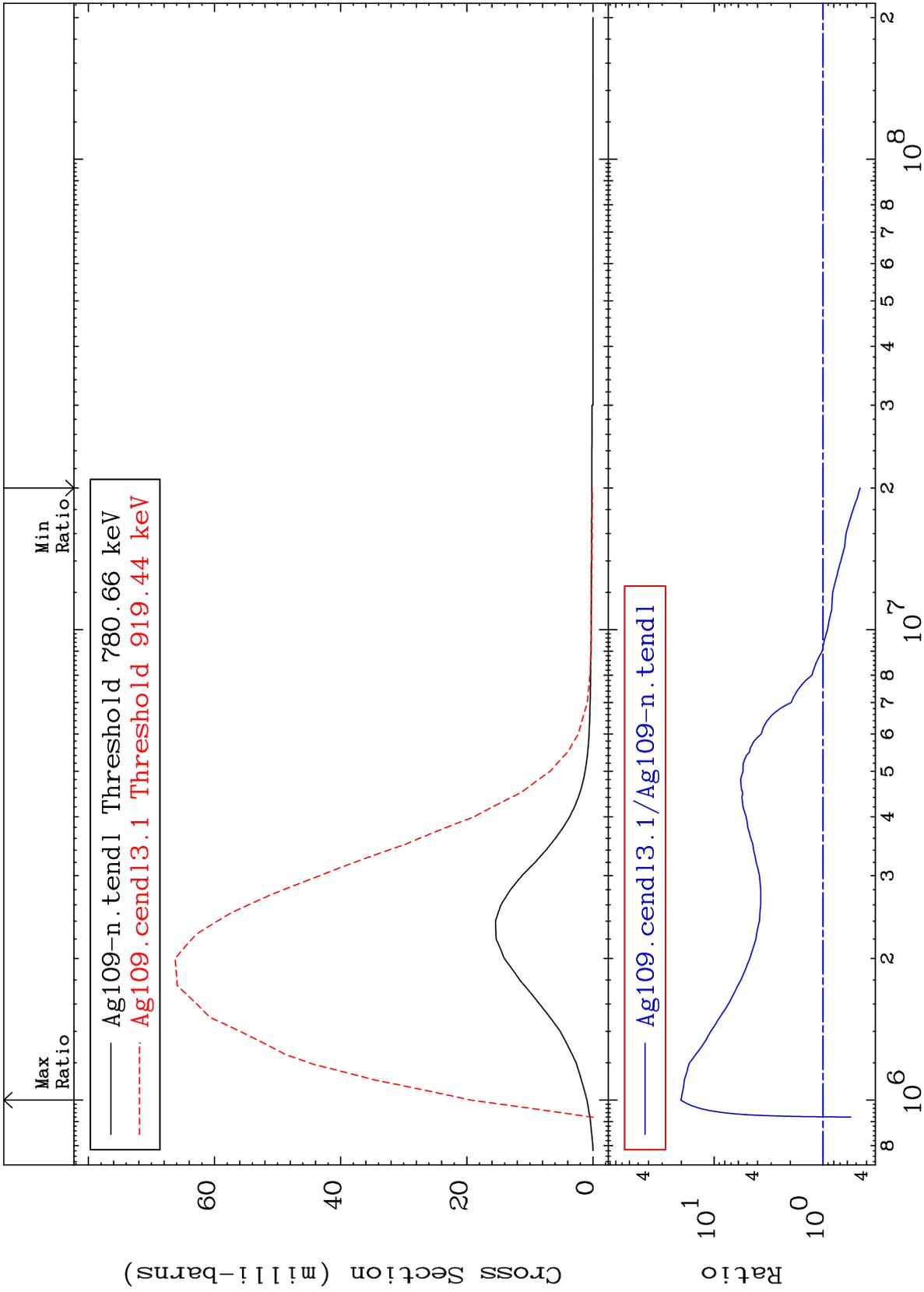
Incident Energy (eV)

47-Ag-109

MAT 4731

773.5 keV (n,n') Level  
Cross Section

47-Ag-109  
-54.12 To 1927. %



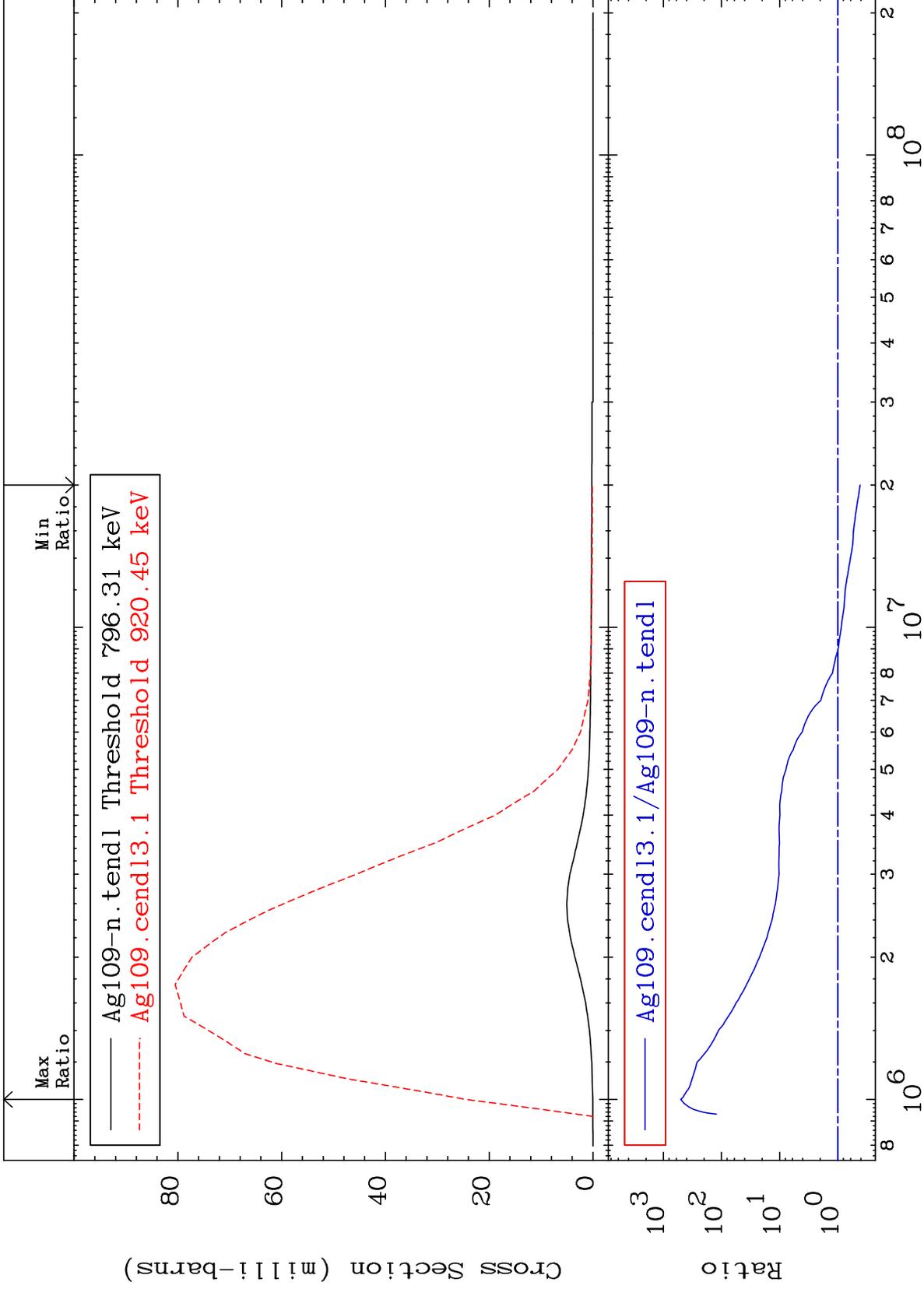
18

47-Ag-109

MAT 4731

789.0 keV (n,n') Level  
Cross Section

47-Ag-109  
-58.80 To 9999. %



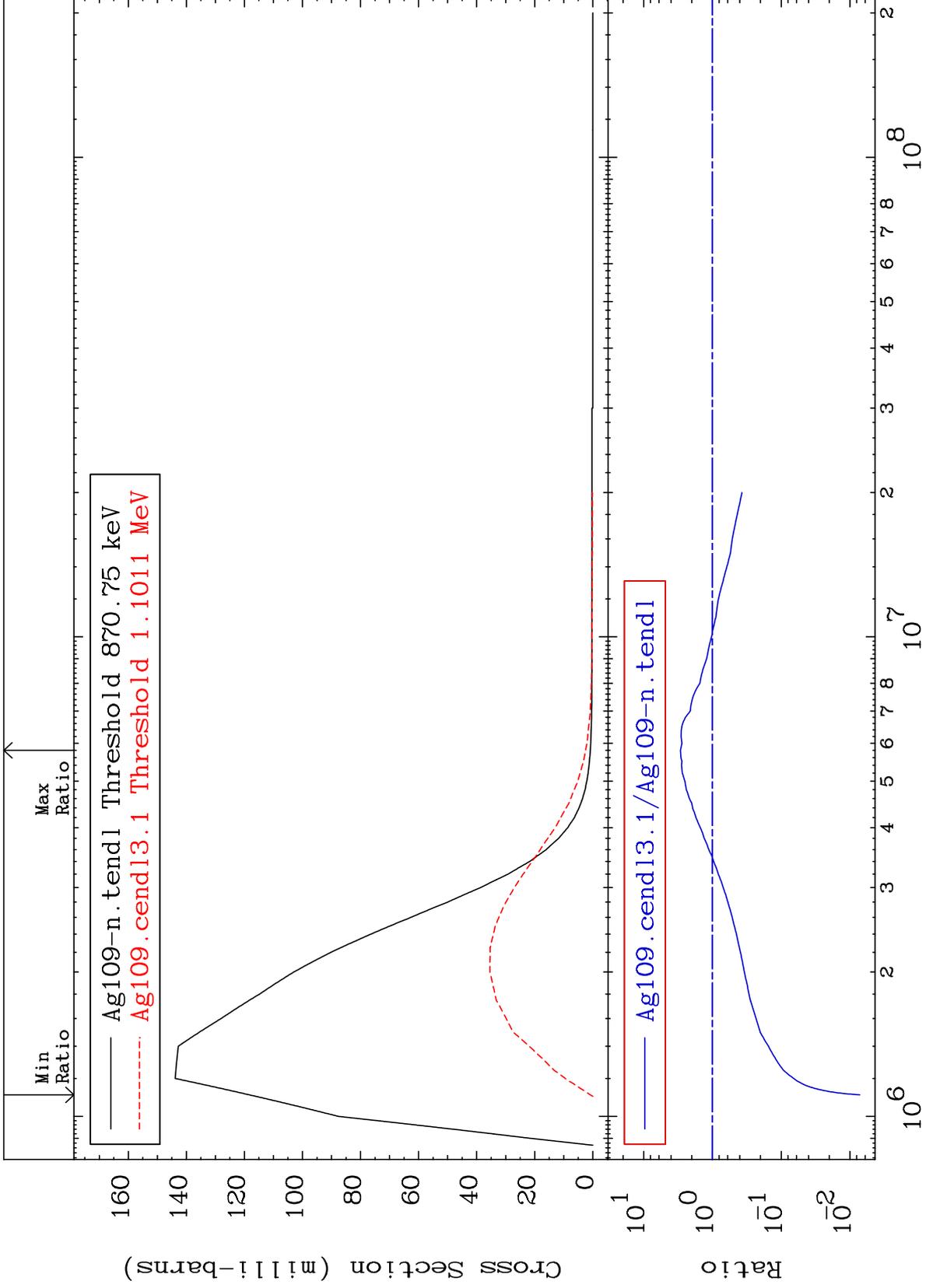
19

47-Ag-109

MAT 4731

862.8 keV (n,n') Level  
Cross Section

47-Ag-109  
-99.28 To 191.4 %



20

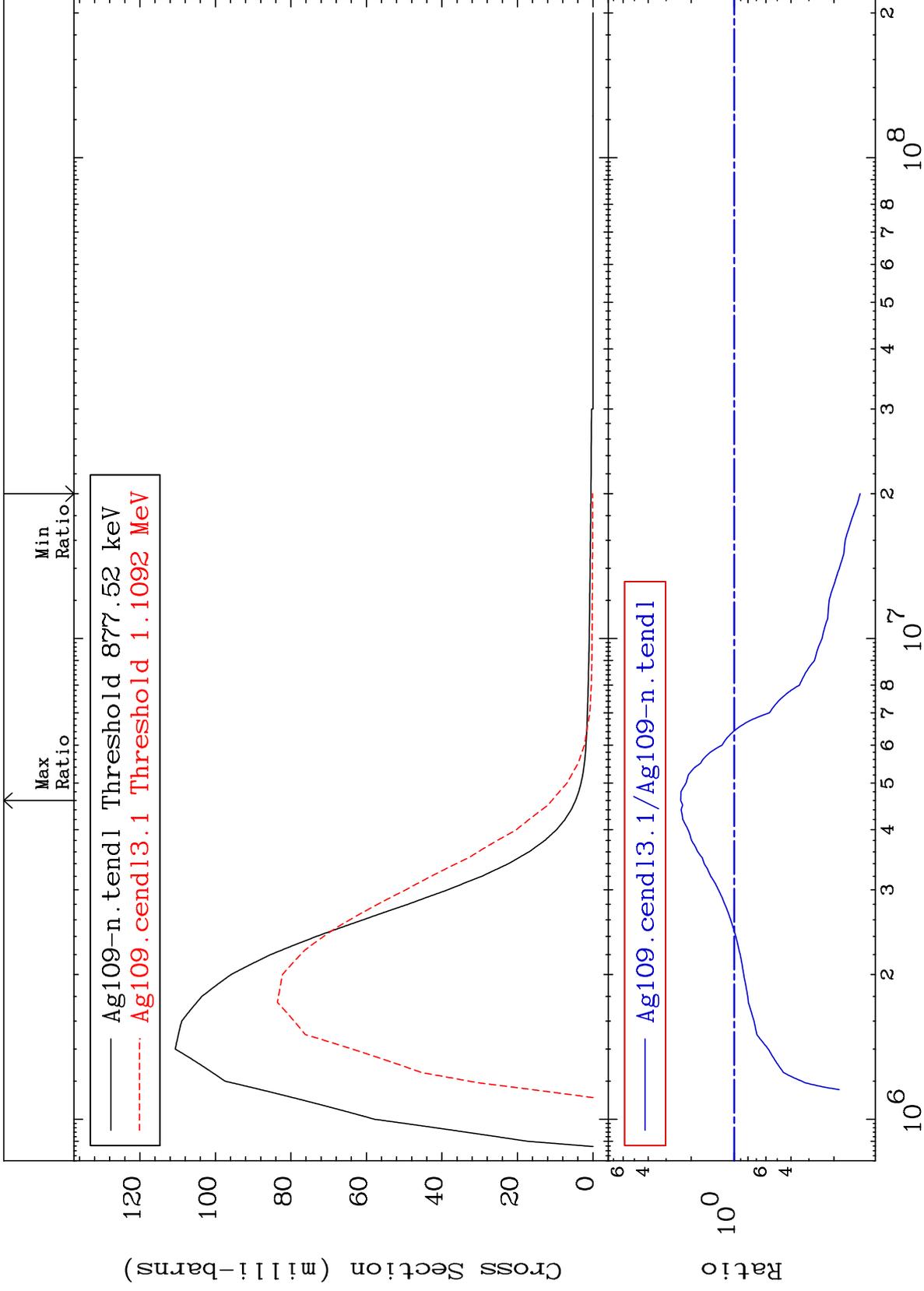
Incident Energy (eV)

47-Ag-109

MAT 4731

869.5 keV (n,n') Level  
Cross Section

47-Ag-109  
-86.86 To 136.5 %



21

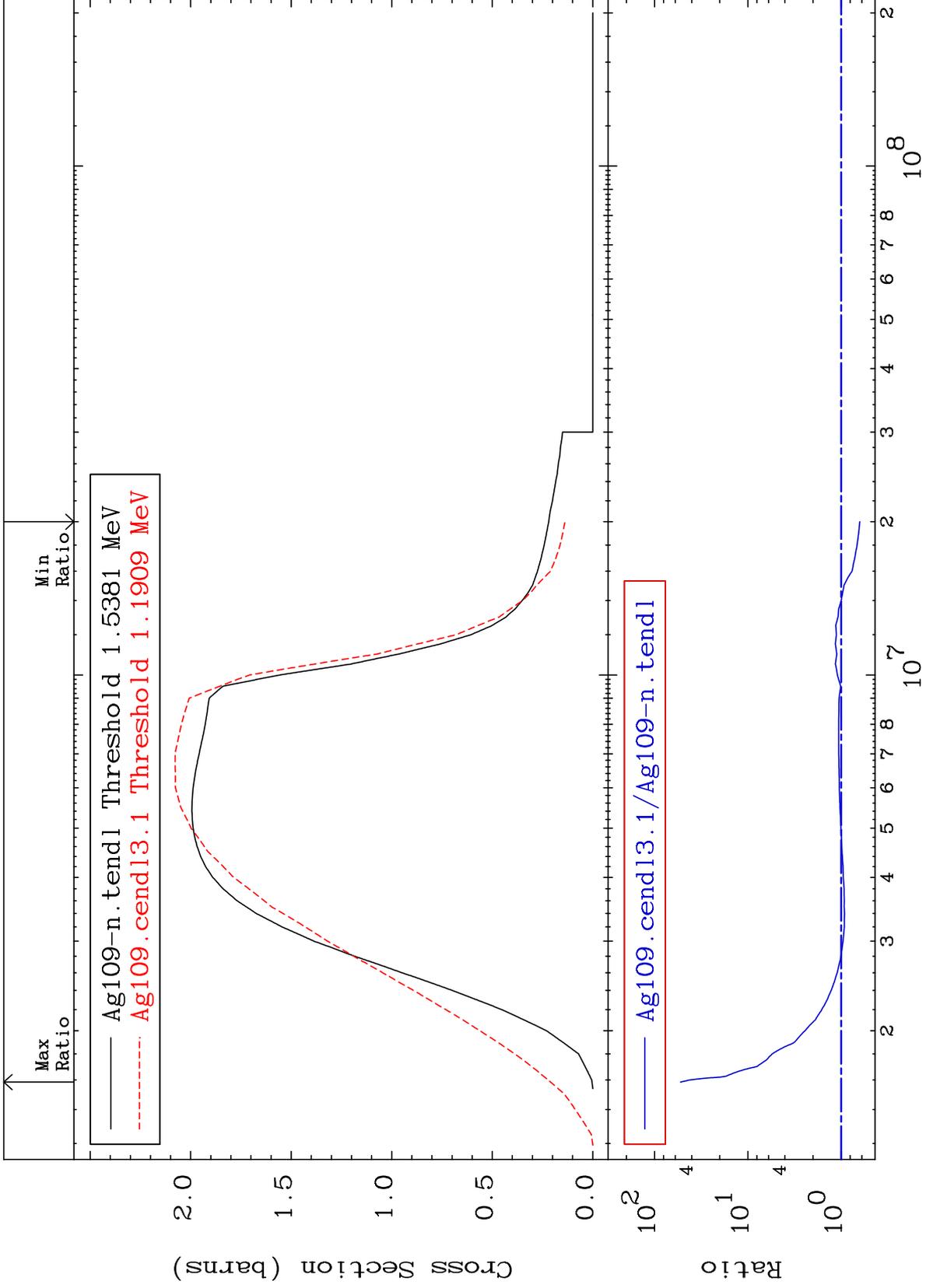
Incident Energy (eV)

47-Ag-109

MAT 4731

(n, n') Continuum  
Cross Section

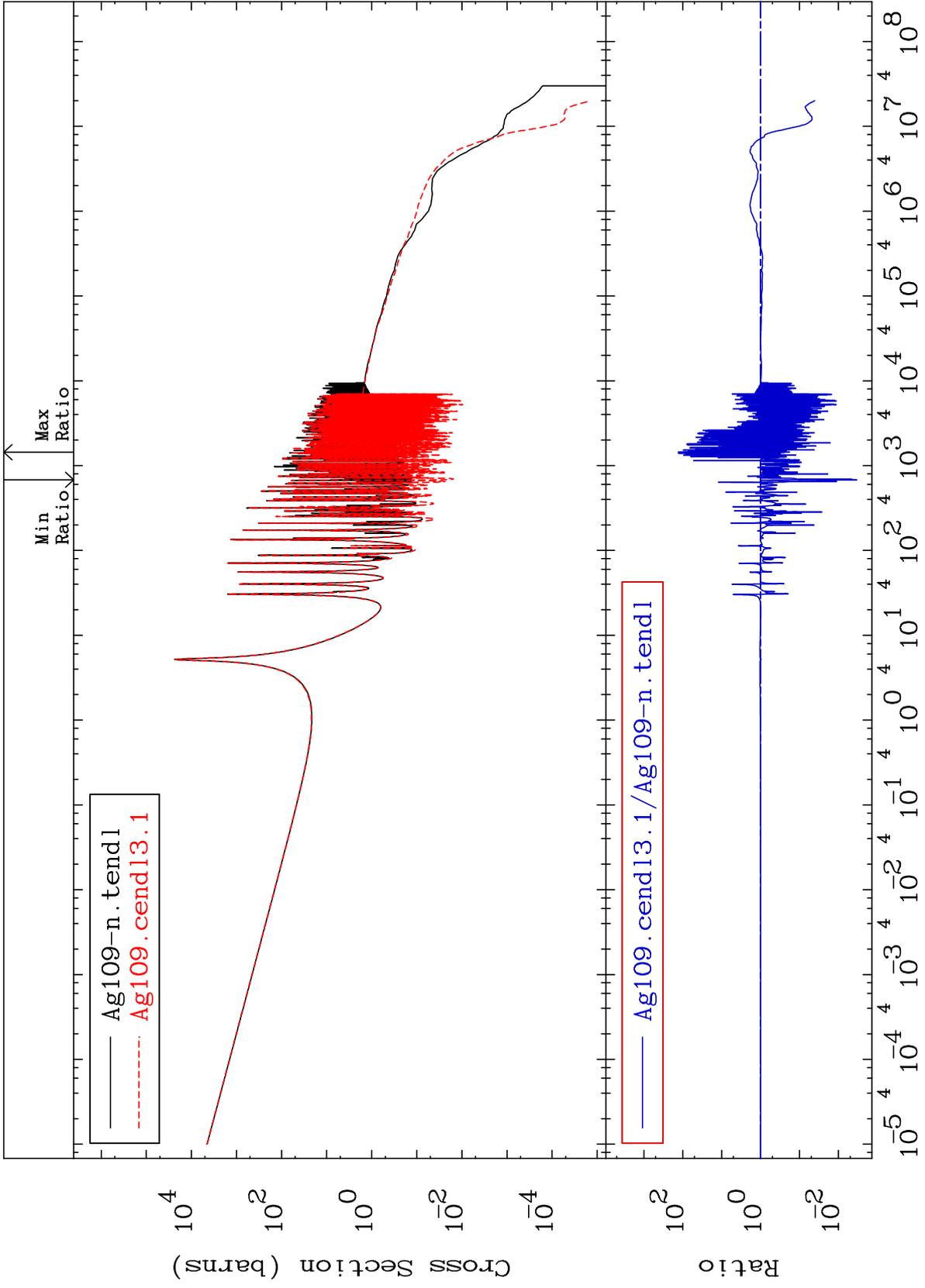
47-Ag-109  
-36.95 To 5167. %



MAT 4731

(n,  $\gamma$ )  
Cross Section

47-Ag-109  
-99.66 To 9999. %



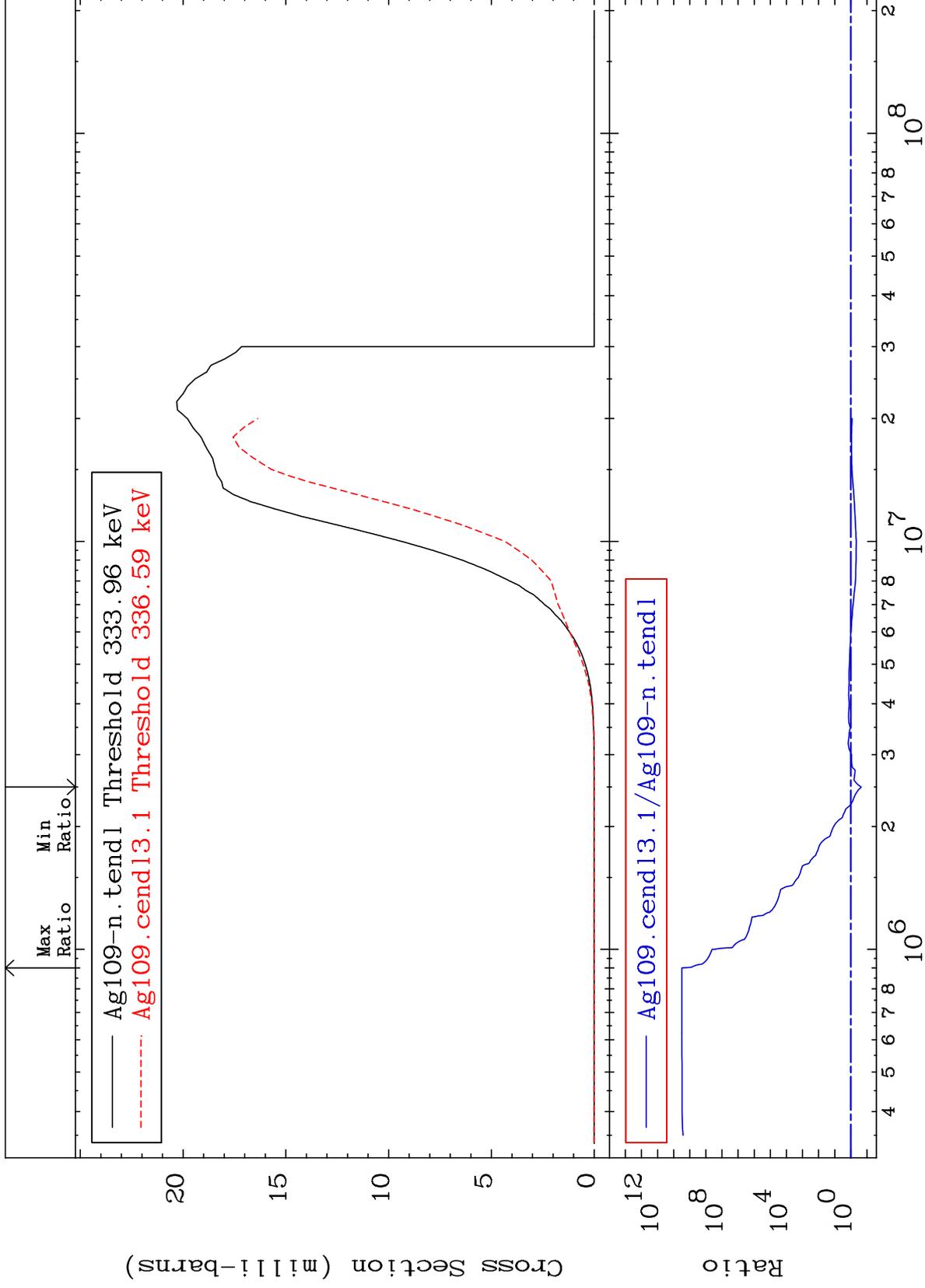
MAT 4731

(n,p)

47-Ag-109

Cross Section

-76.95 To 9999. %



24

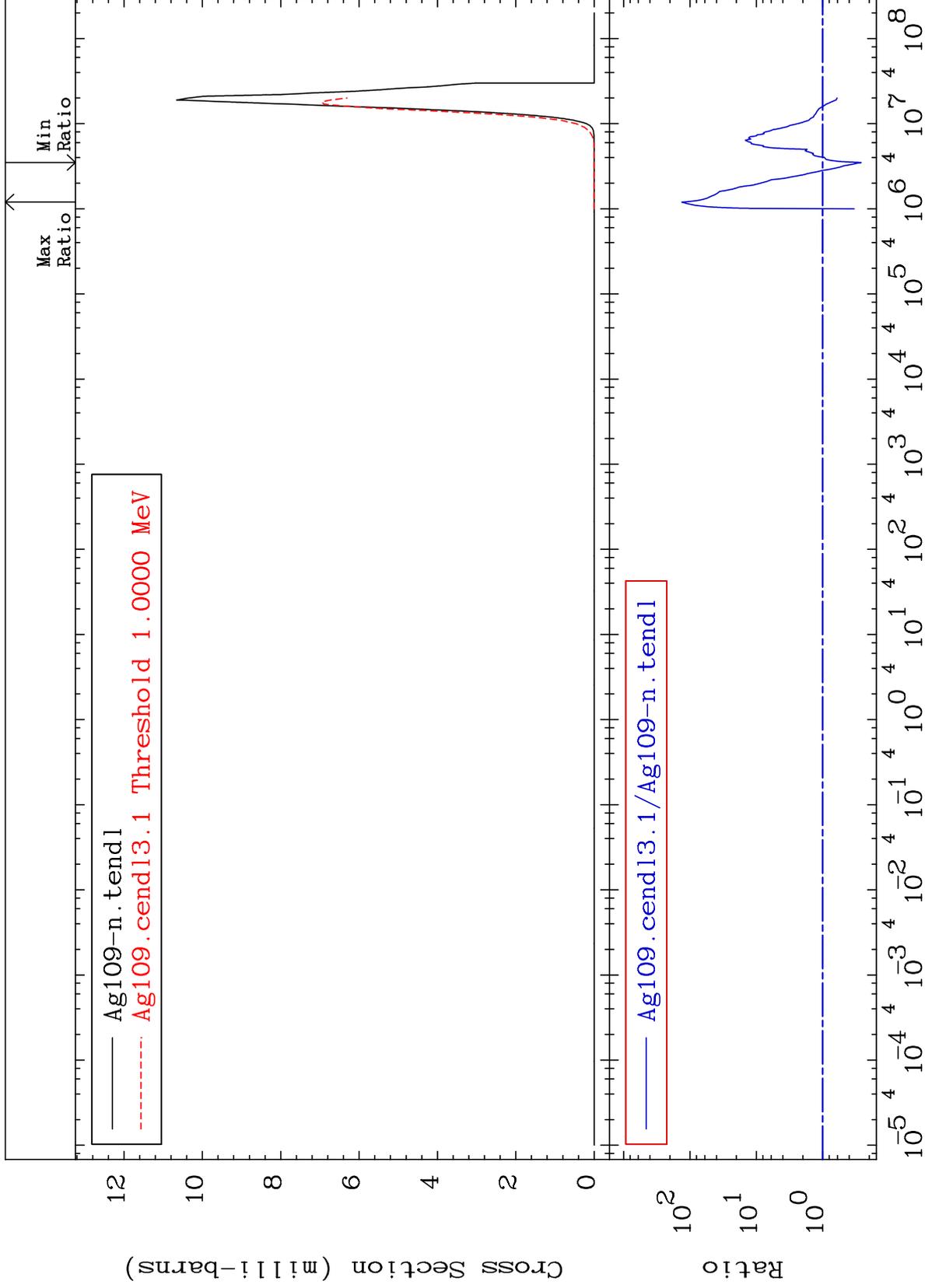
Incident Energy (eV)

47-Ag-109

MAT 4731

(n,  $\alpha$ )  
Cross Section

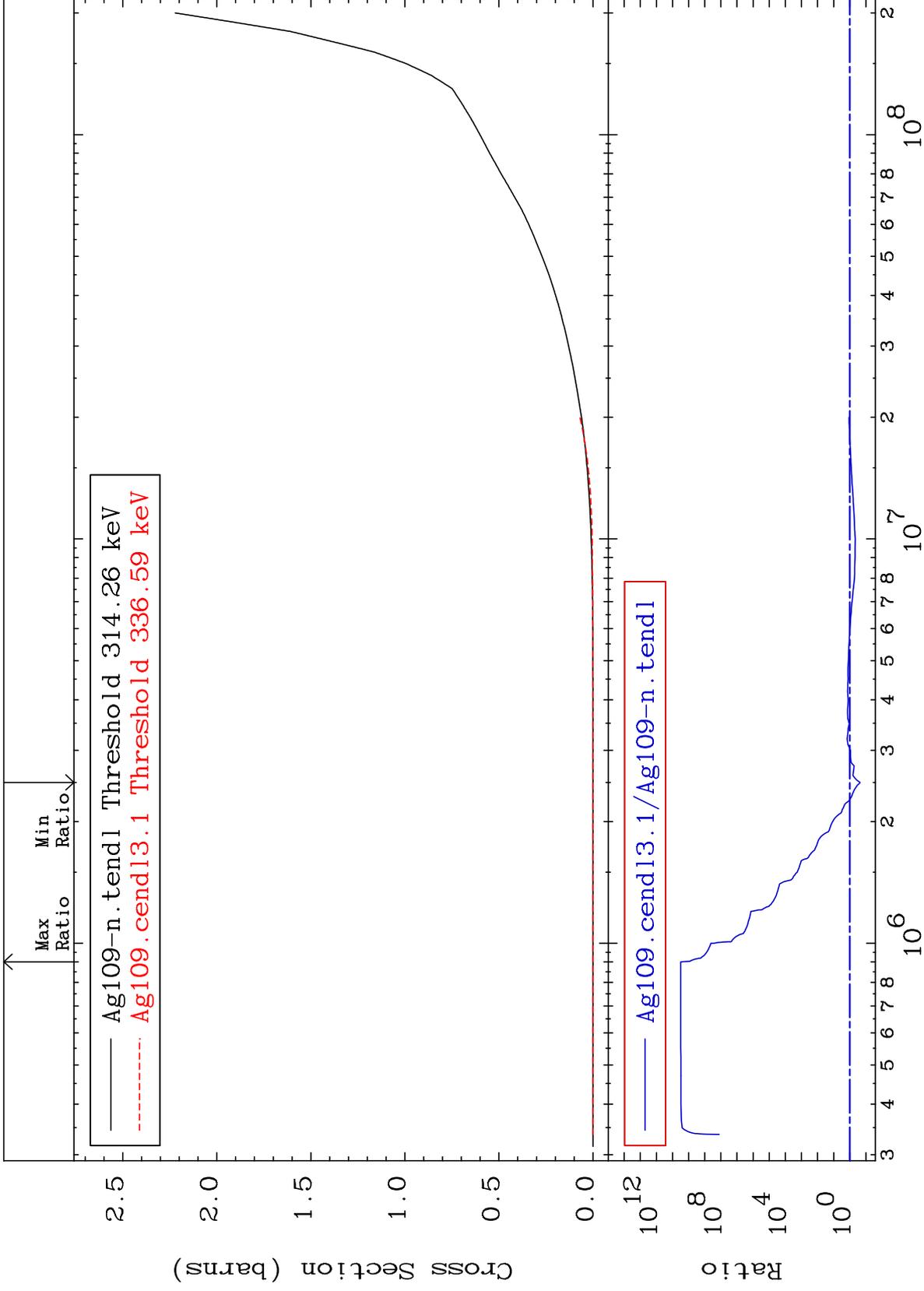
47-Ag-109  
-73.51 To 9999. %



25

Incident Energy (eV)

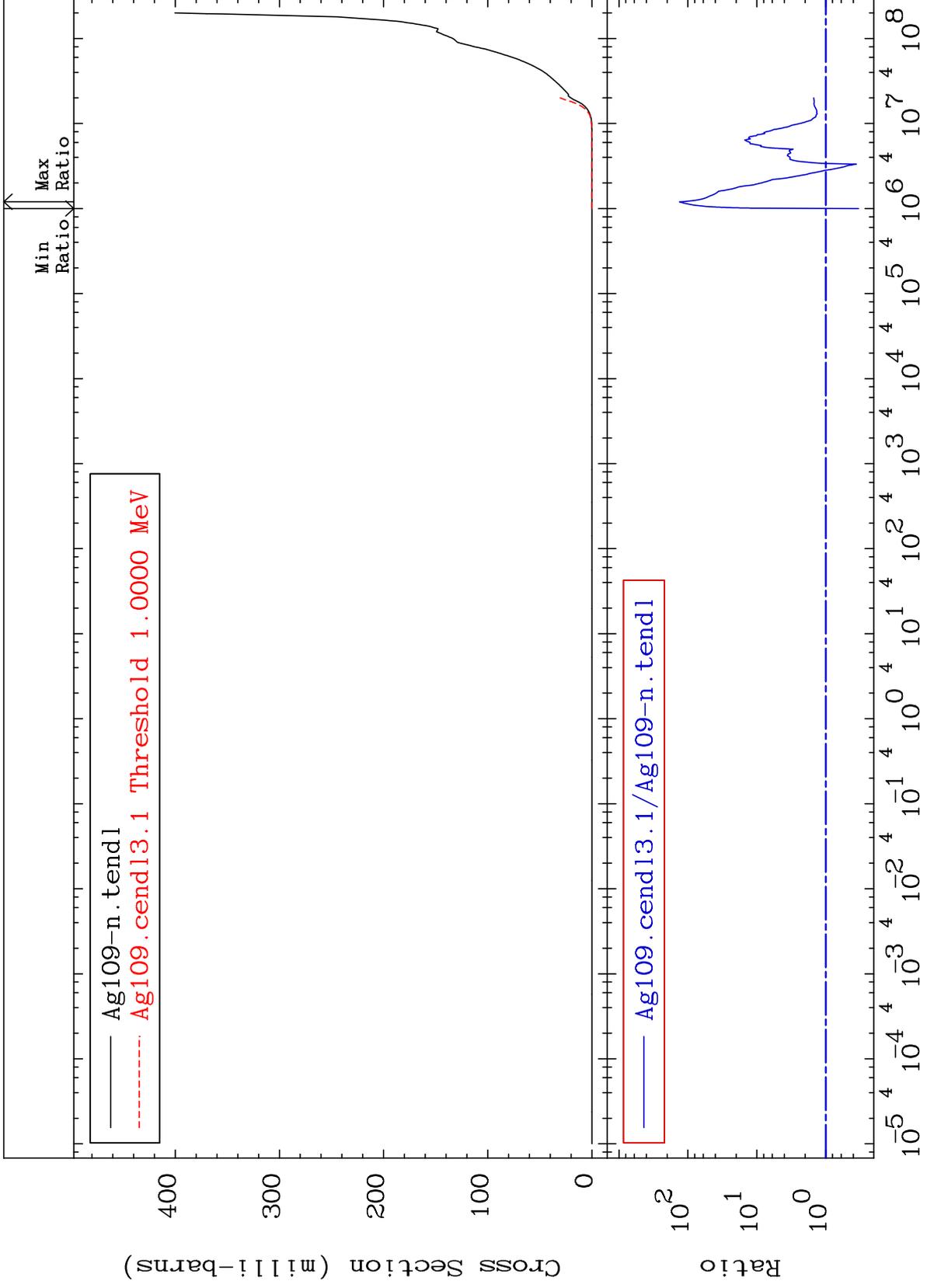
47-Ag-109



MAT 4731

He-4 Production  
Cross Section

47-Ag-109  
-66.37 To 9999. %



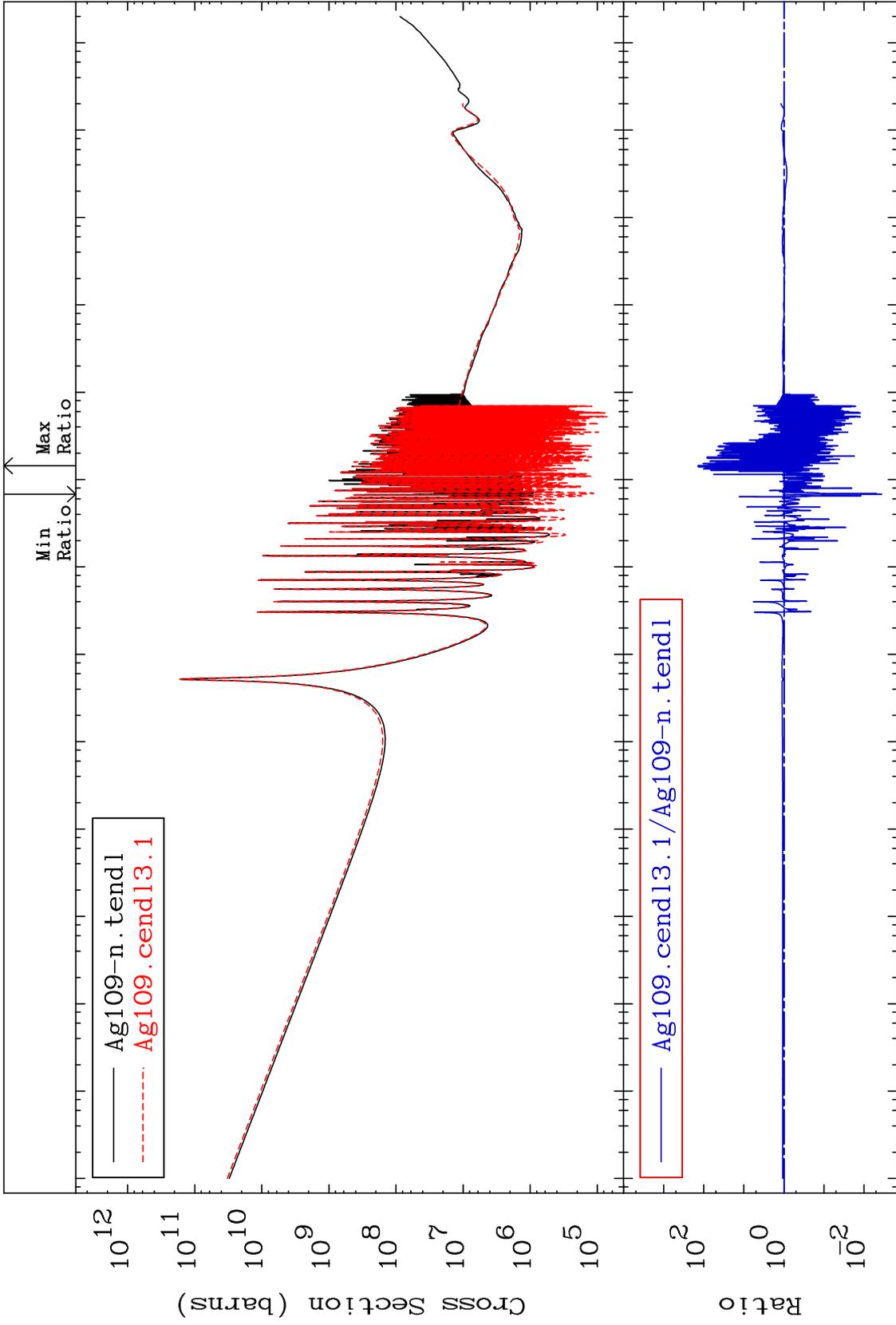
27

Incident Energy (eV)

47-Ag-109

Cross Section

-99.64 To 9999. %



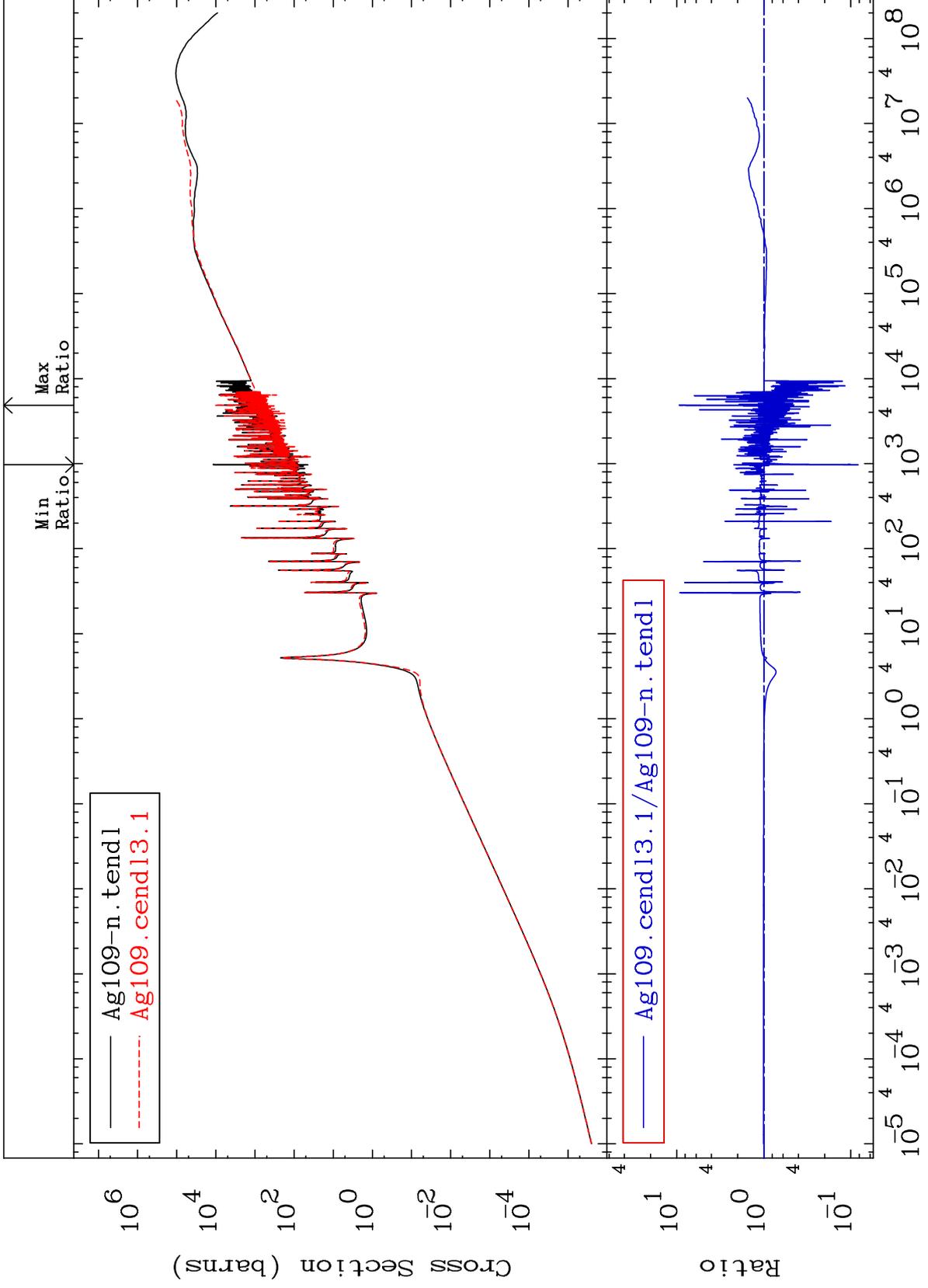
— Ag109-n.tendl  
- - - Ag109.cendl3.1

— Ag109.cendl3.1/Ag109-n.tendl

MAT 4731

Kerma elastic  
Cross Section

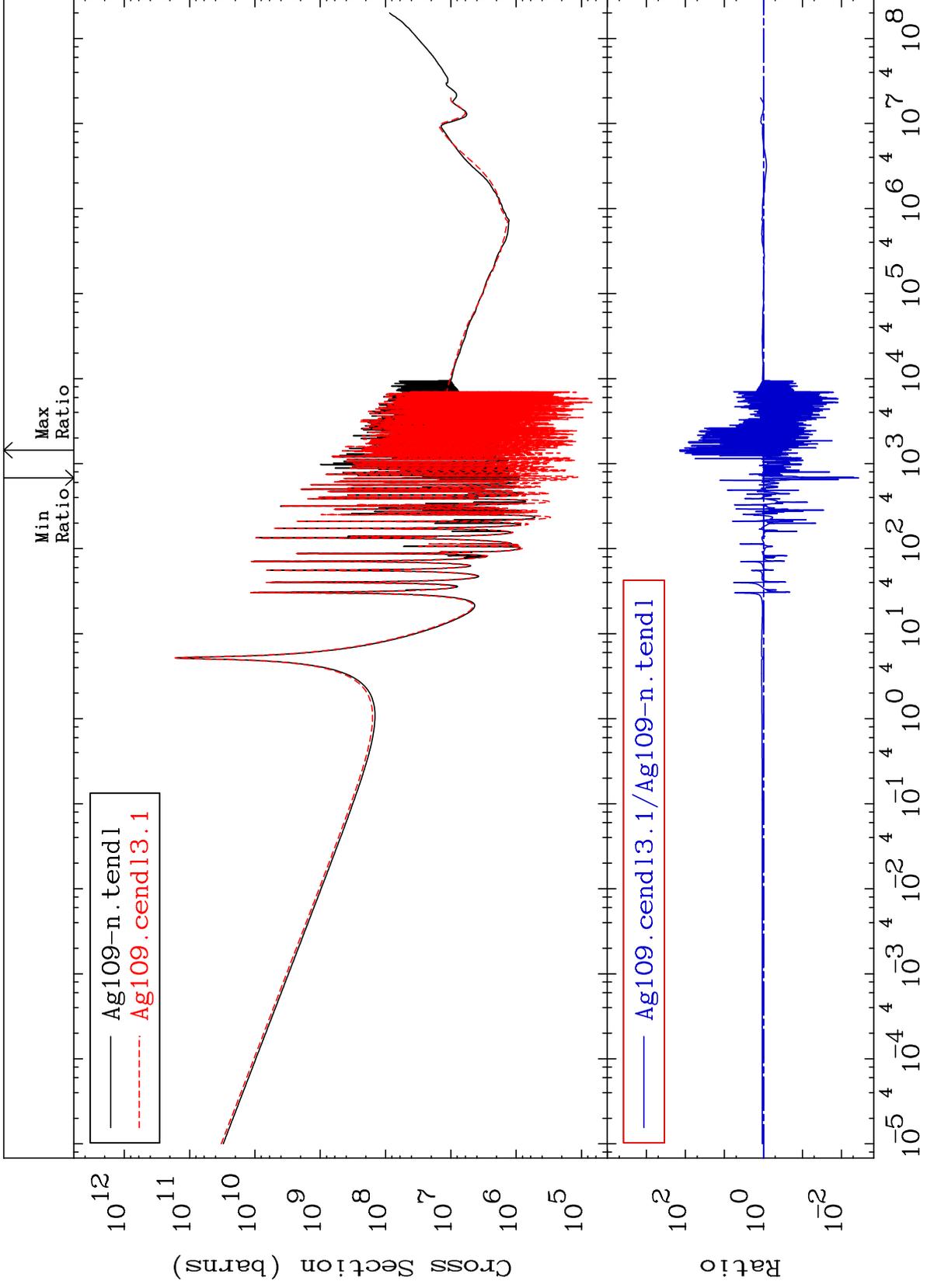
47-Ag-109  
-91.74 To 839.5 %

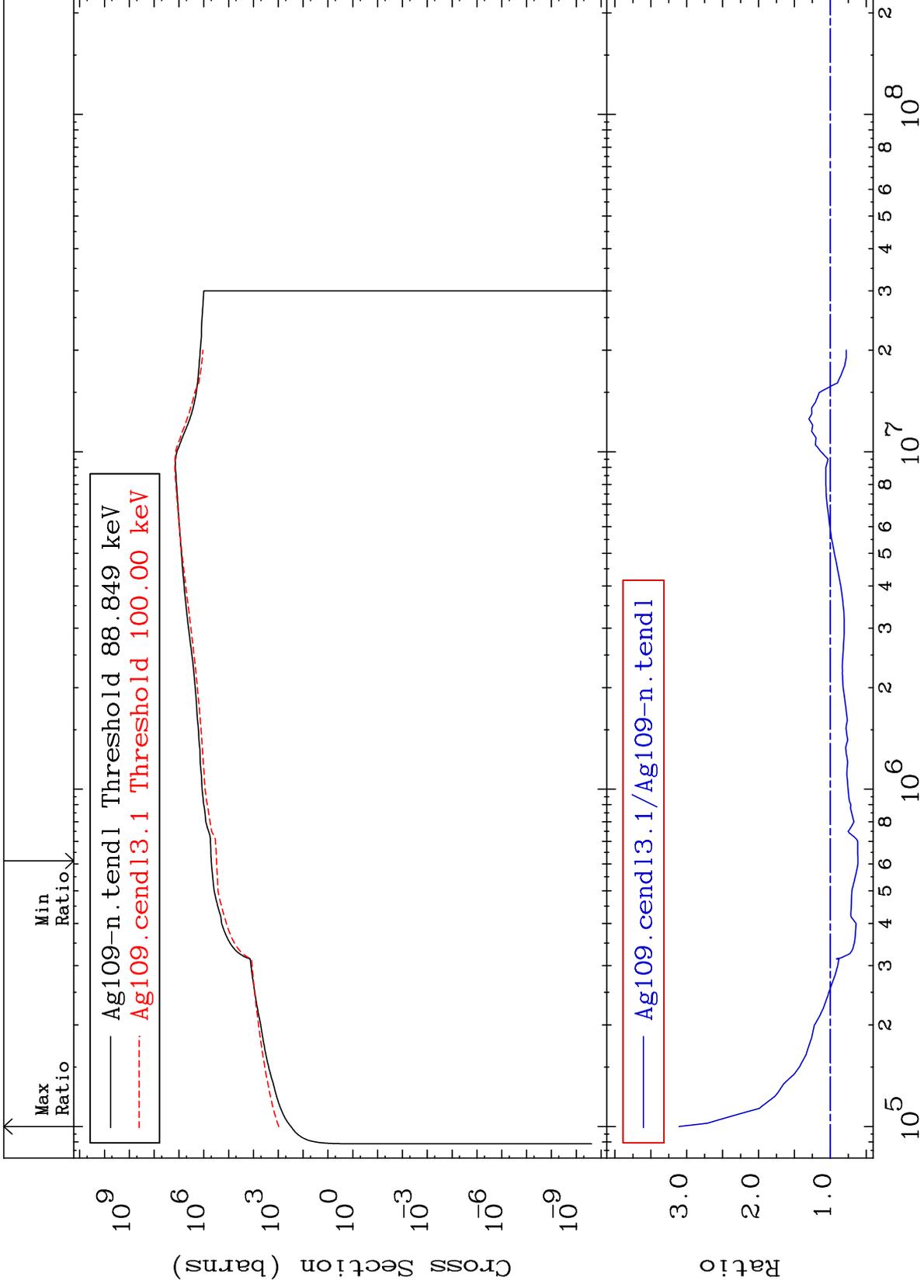


MAT 4731

Kerma non-elastic (all but mt2)  
Cross Section

47-Ag-109  
-99.64 To 9999. %

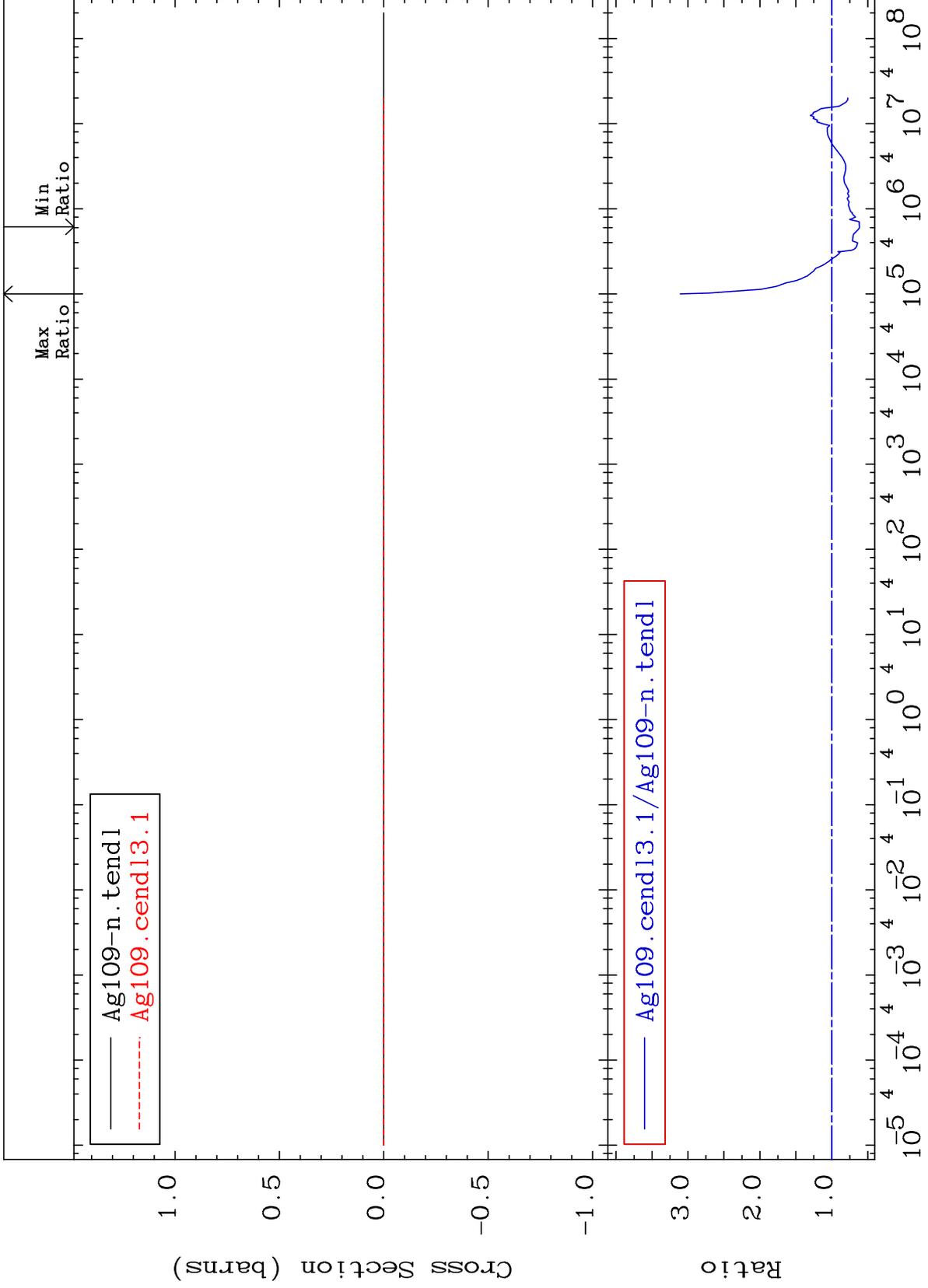


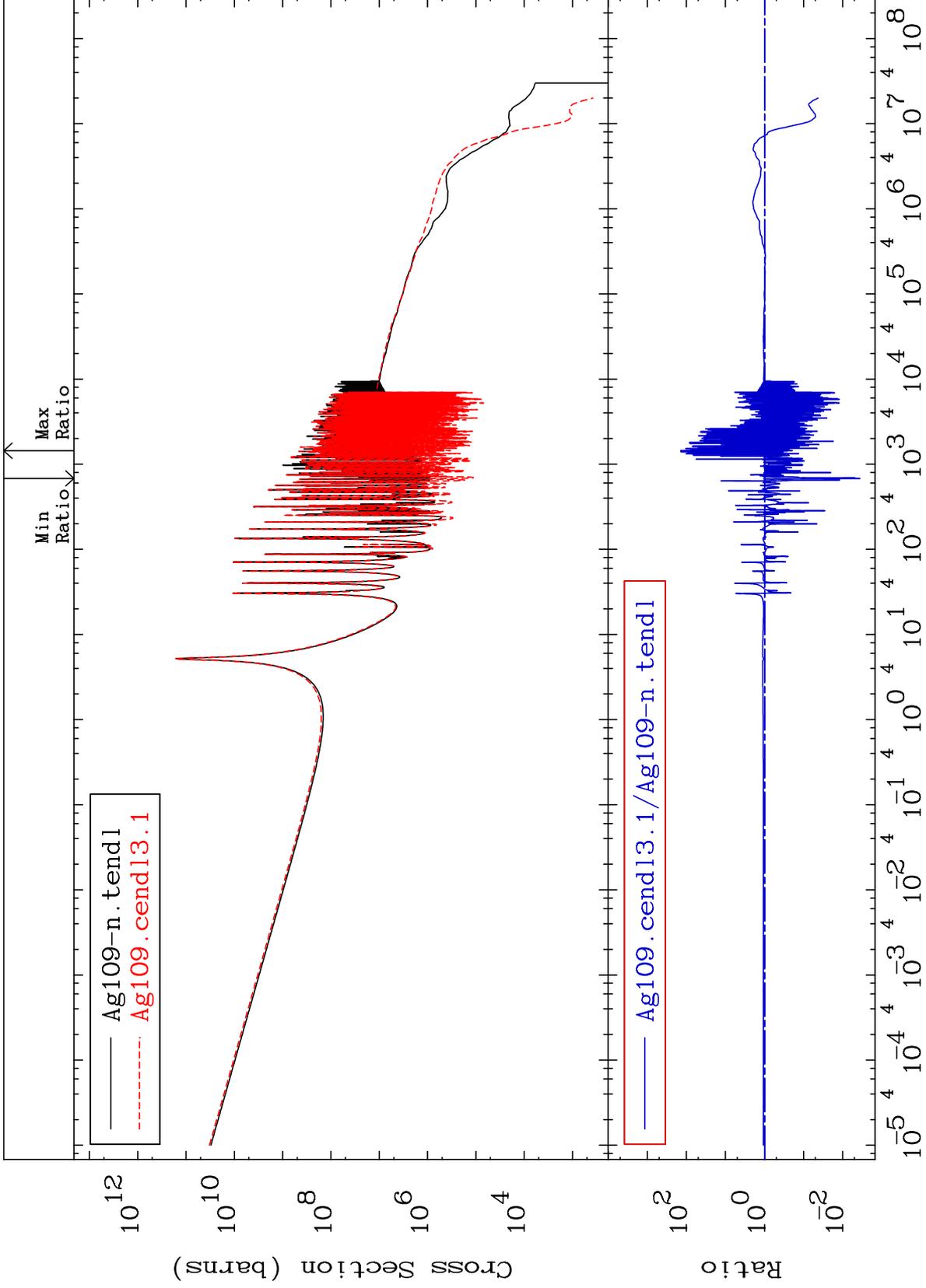


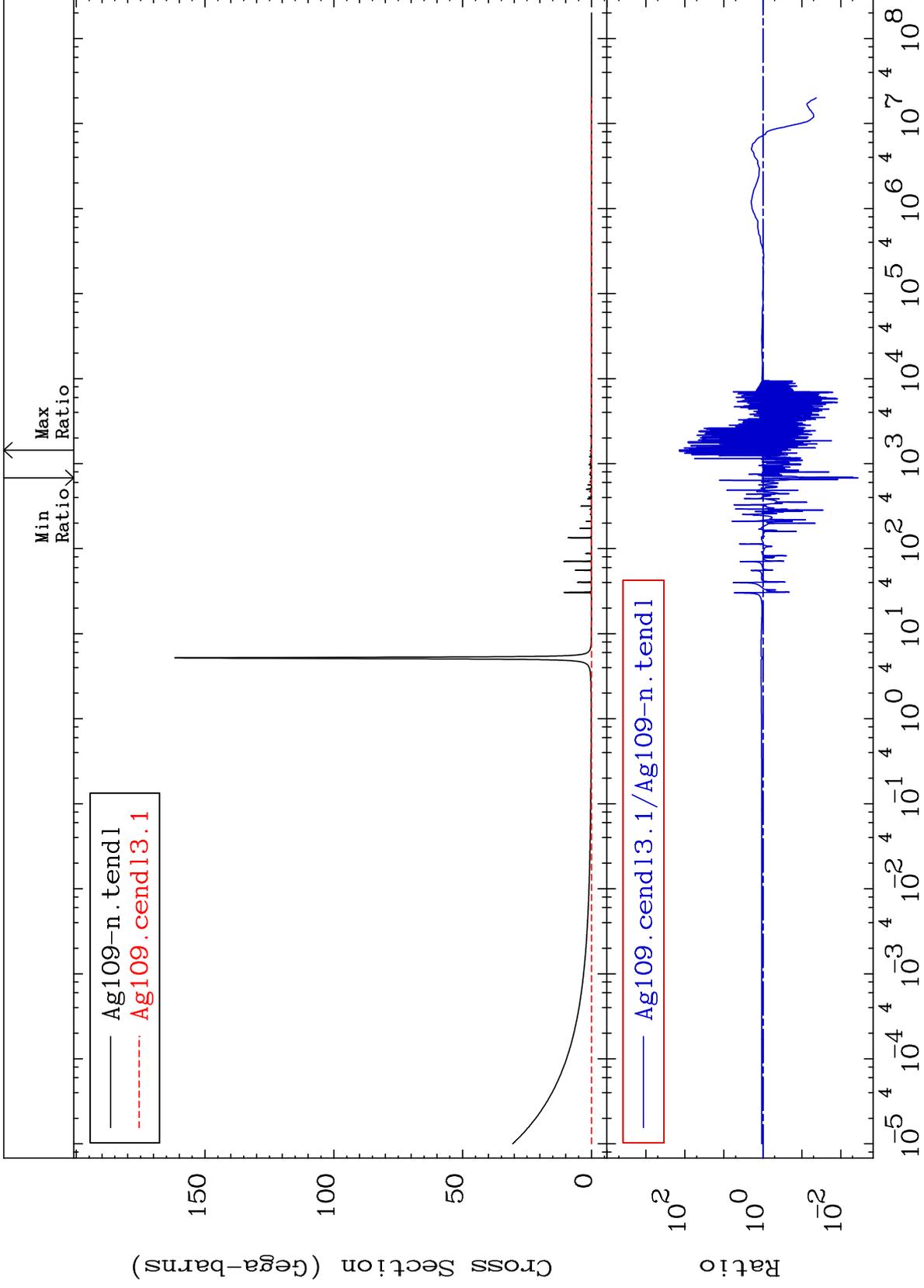
MAT 4731

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

47-Ag-109  
-38.42 To 210.7 %



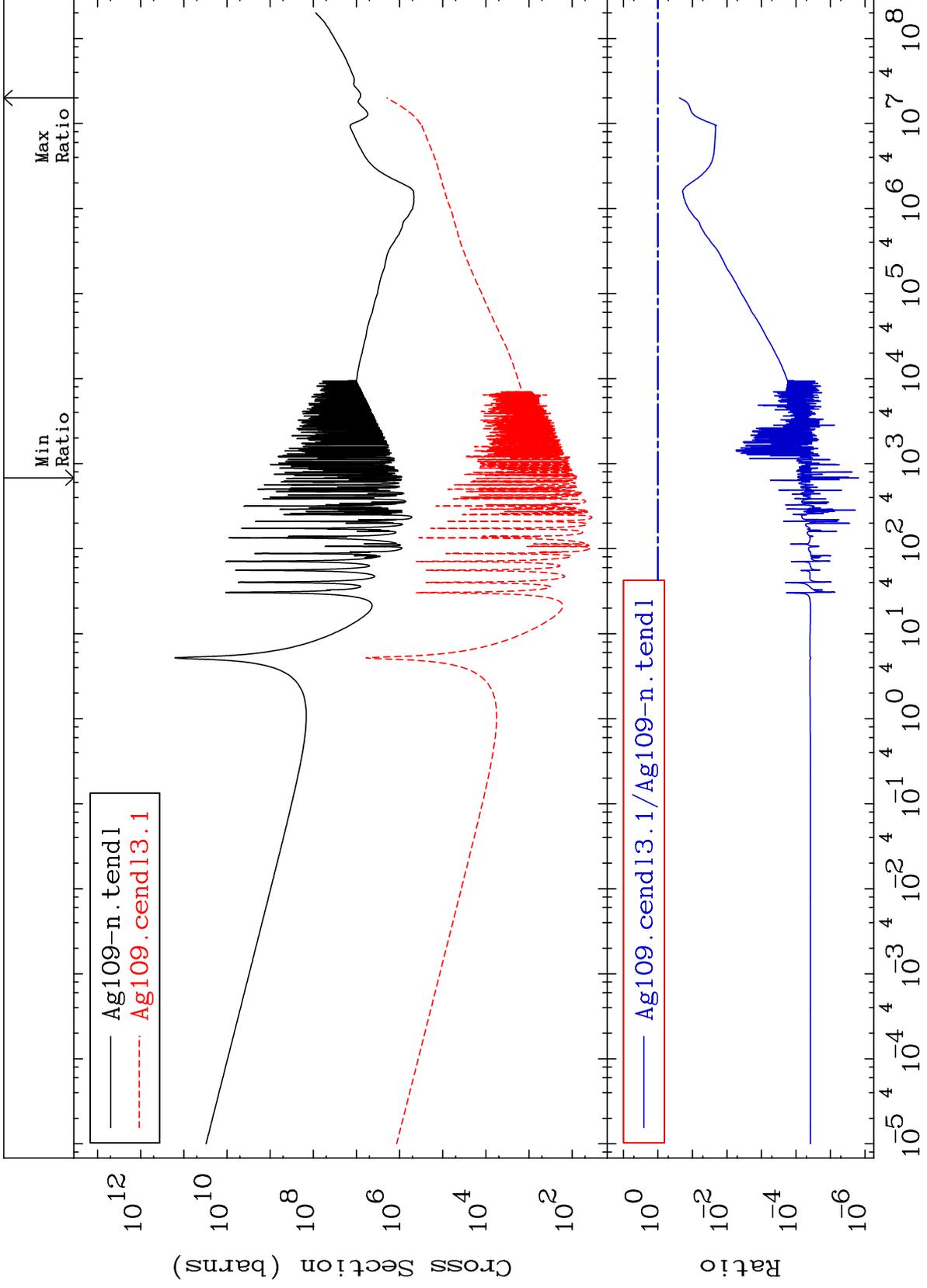




MAT 4731

Total kinematic kerma (high limit)  
Cross Section

47-Ag-109  
-100.0 To -76.42%



35

Incident Energy (eV)

47-Ag-109

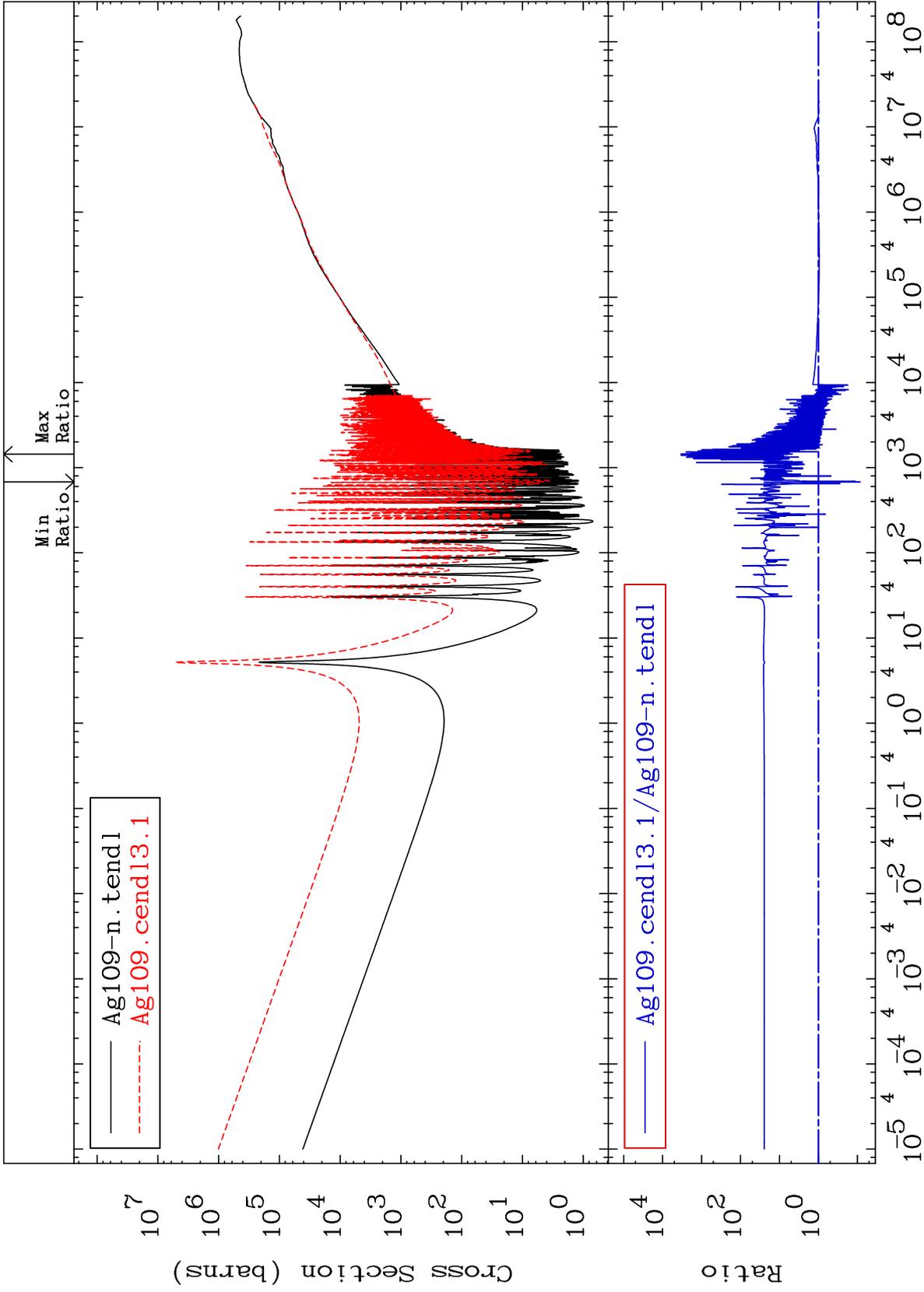
MAT 4731

Dpa total (eV-barns)

47-Ag-109

Cross Section

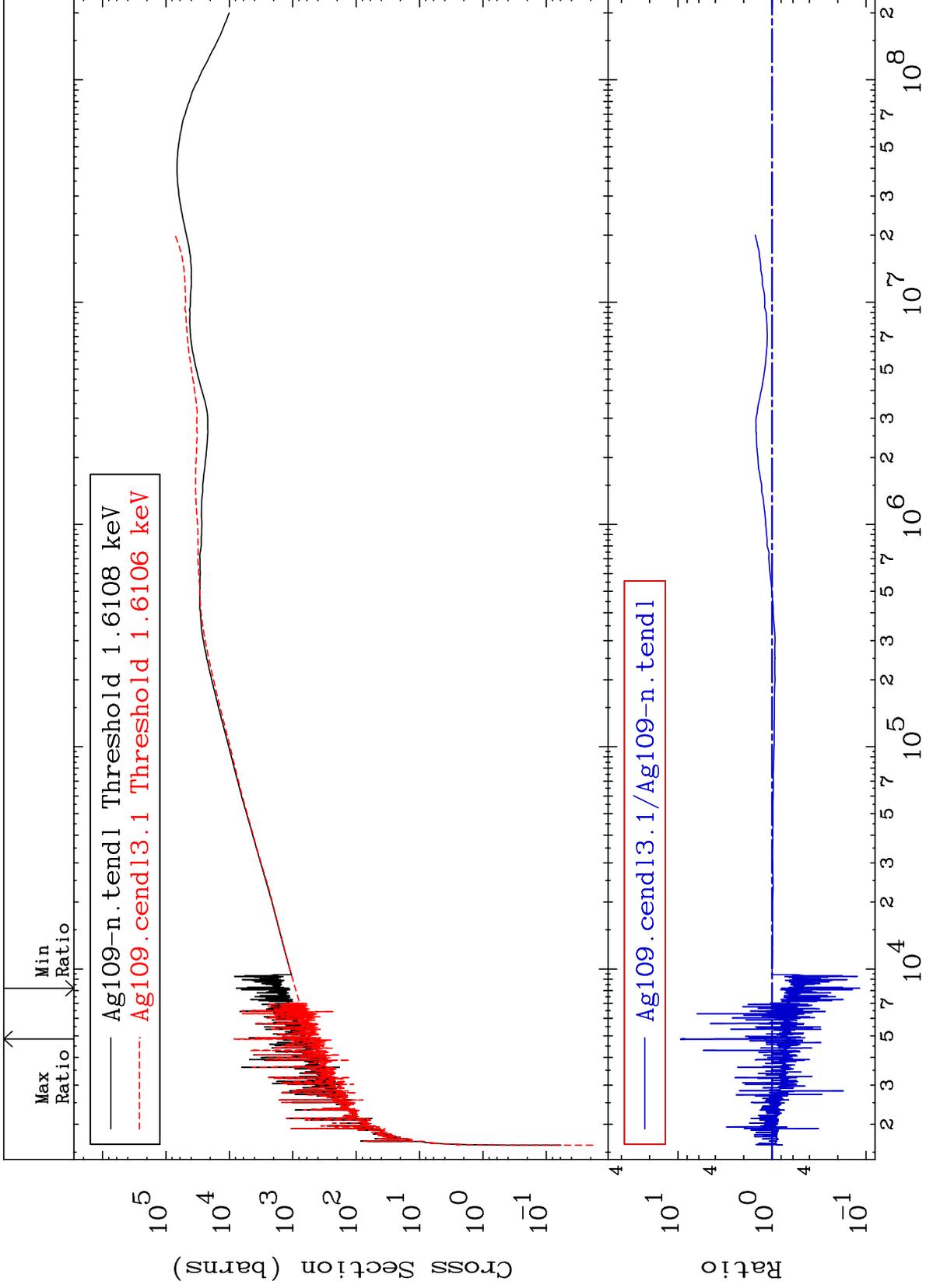
-91.46 To 9999. %



MAT 4731

Dpa elastic (mt2)  
Cross Section

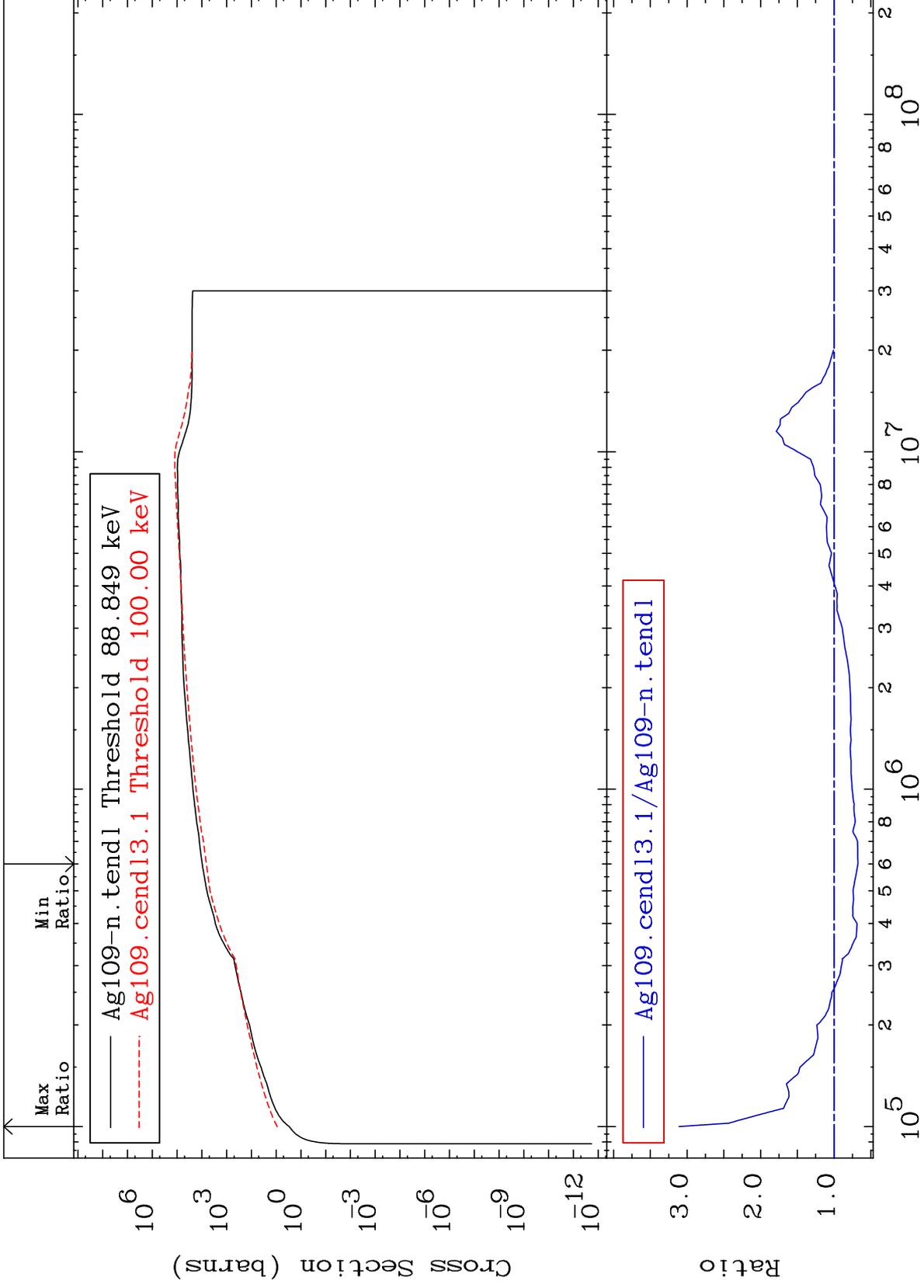
47-Ag-109  
-88.32 To 839.0 %



MAT 4731

Dpa inelastic (mt51-91)  
Cross Section

47-Ag-109  
-32.45 To 210.9 %



38

Incident Energy (eV)

47-Ag-109

