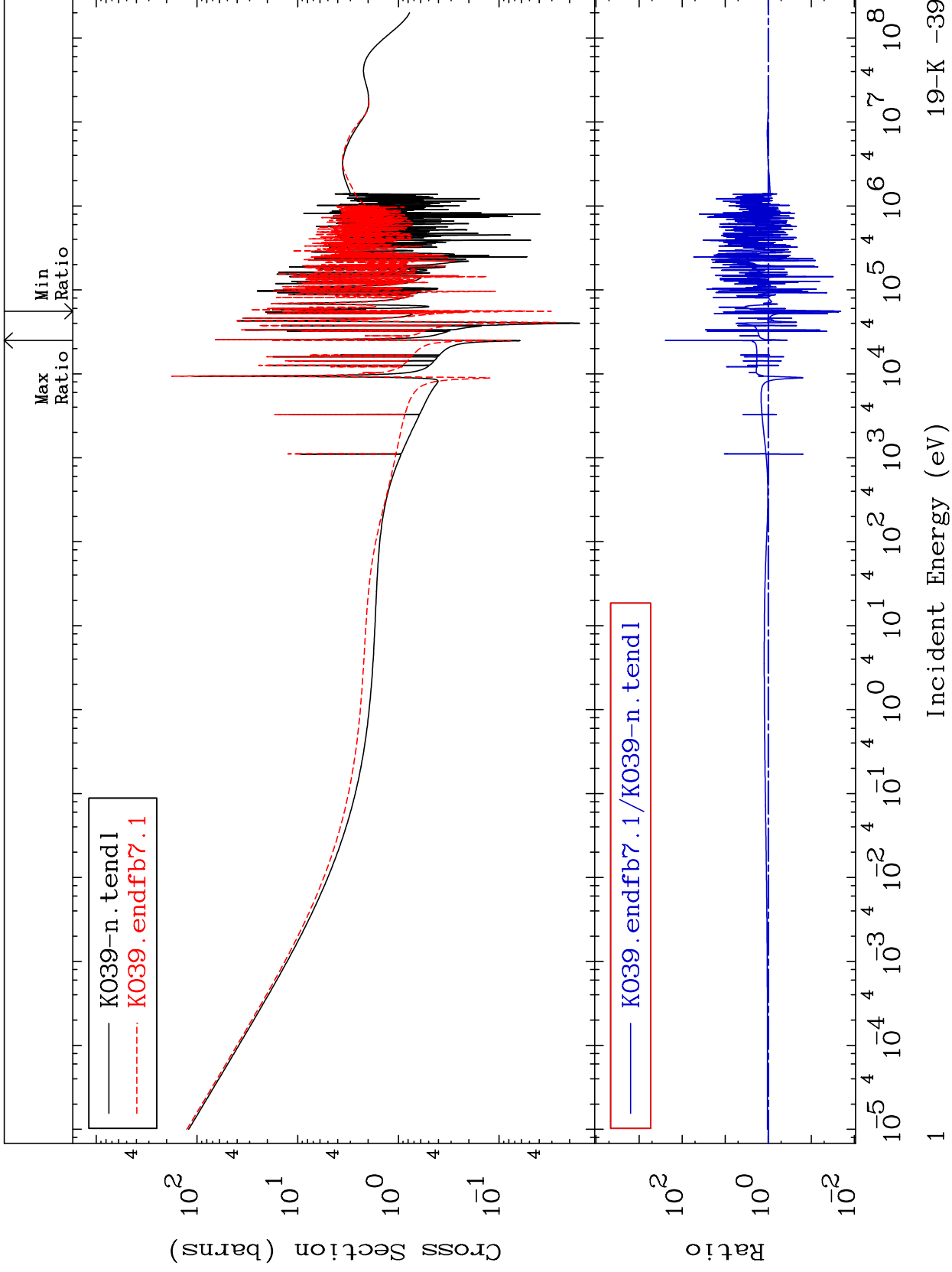


MAT 1925

Total  
Cross Section

19-K -39  
-97.92 To 9999. %

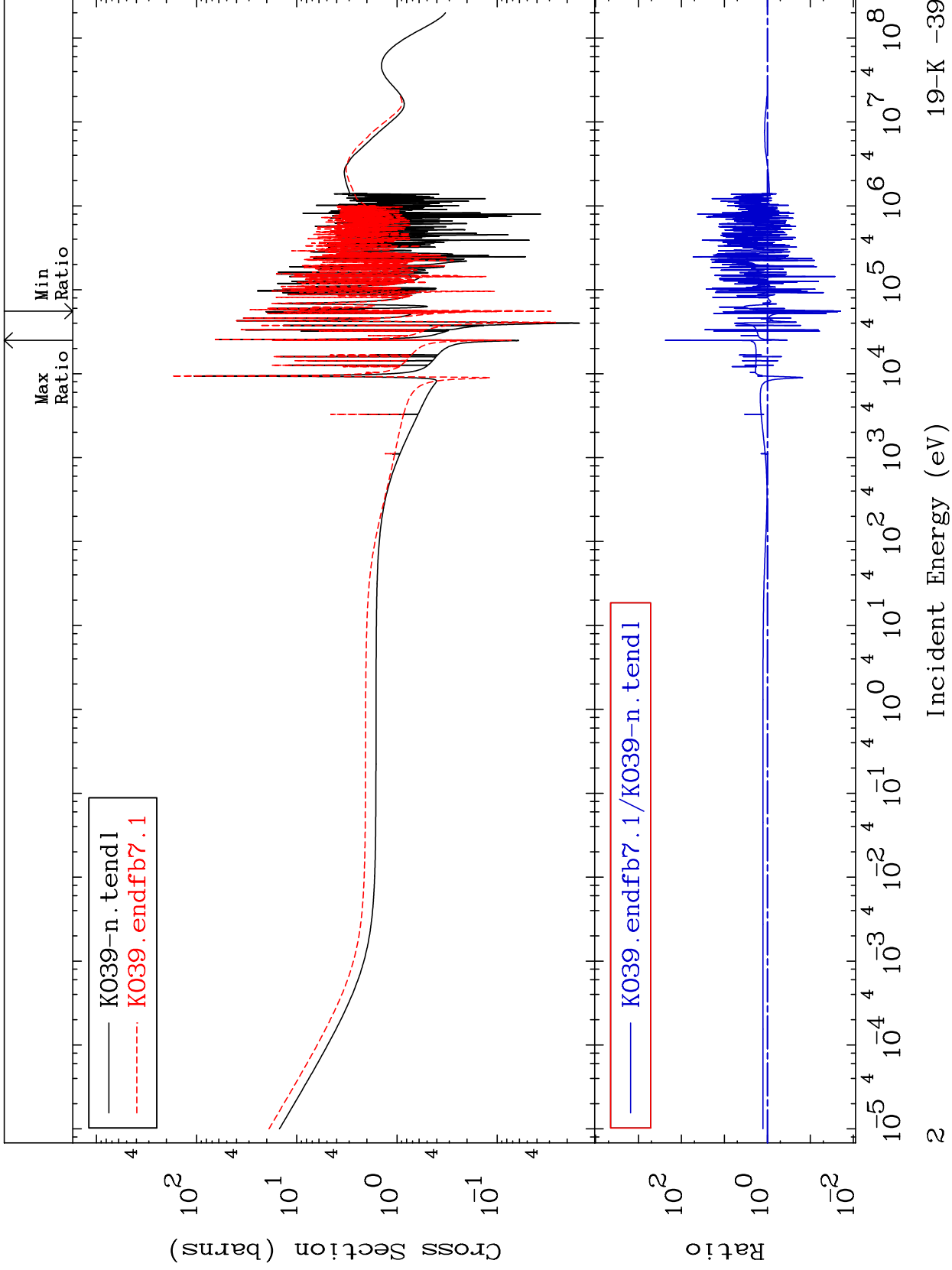


19-K -39

MAT 1925

Elastic  
Cross Section

19-K -39  
-98.03 To 9999. %

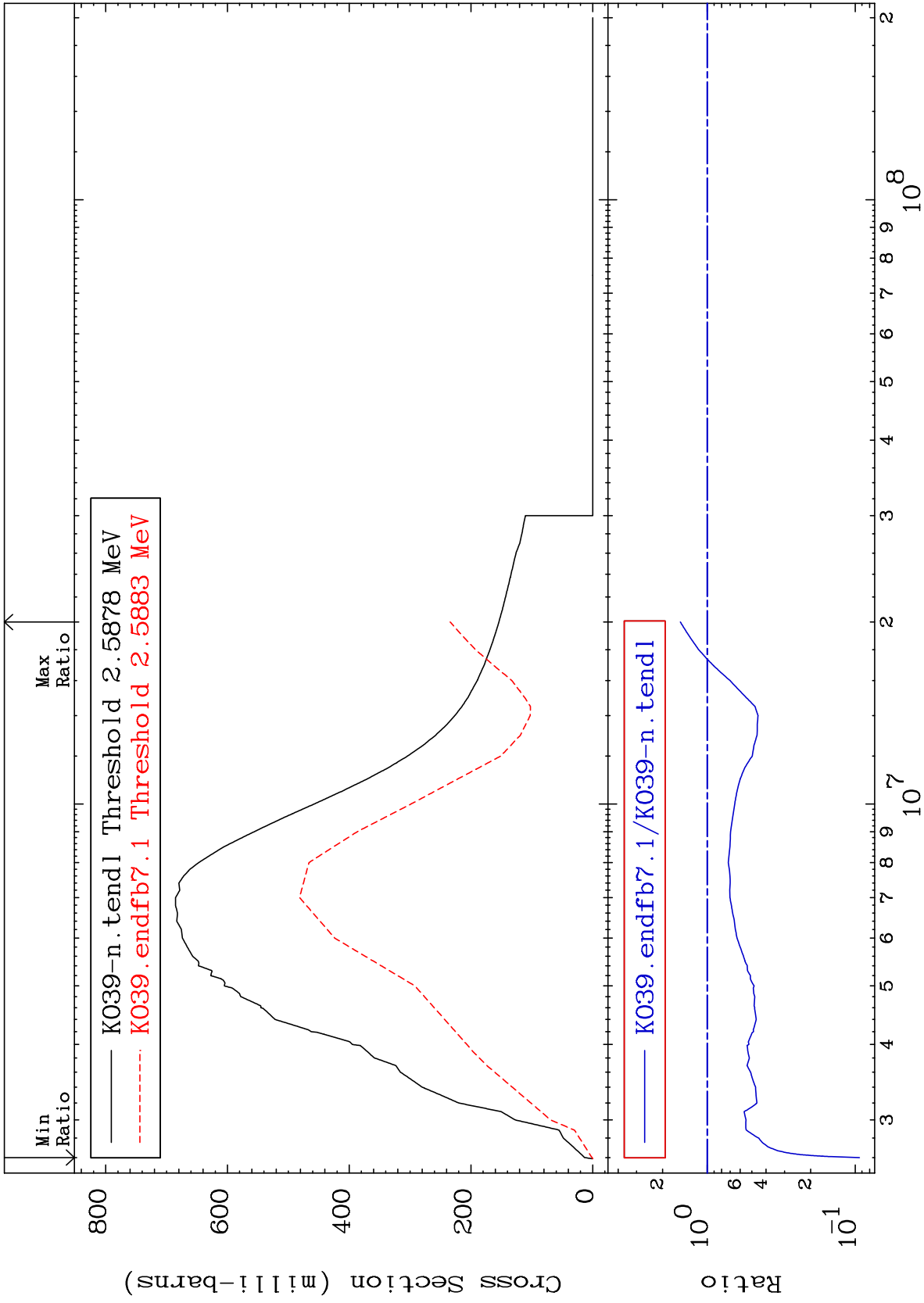


19-K -39

MAT 1925

Inelastic  
Cross Section

19-K -39  
-90.64 To 51.89 %



3

Incident Energy (eV)

19-K -39

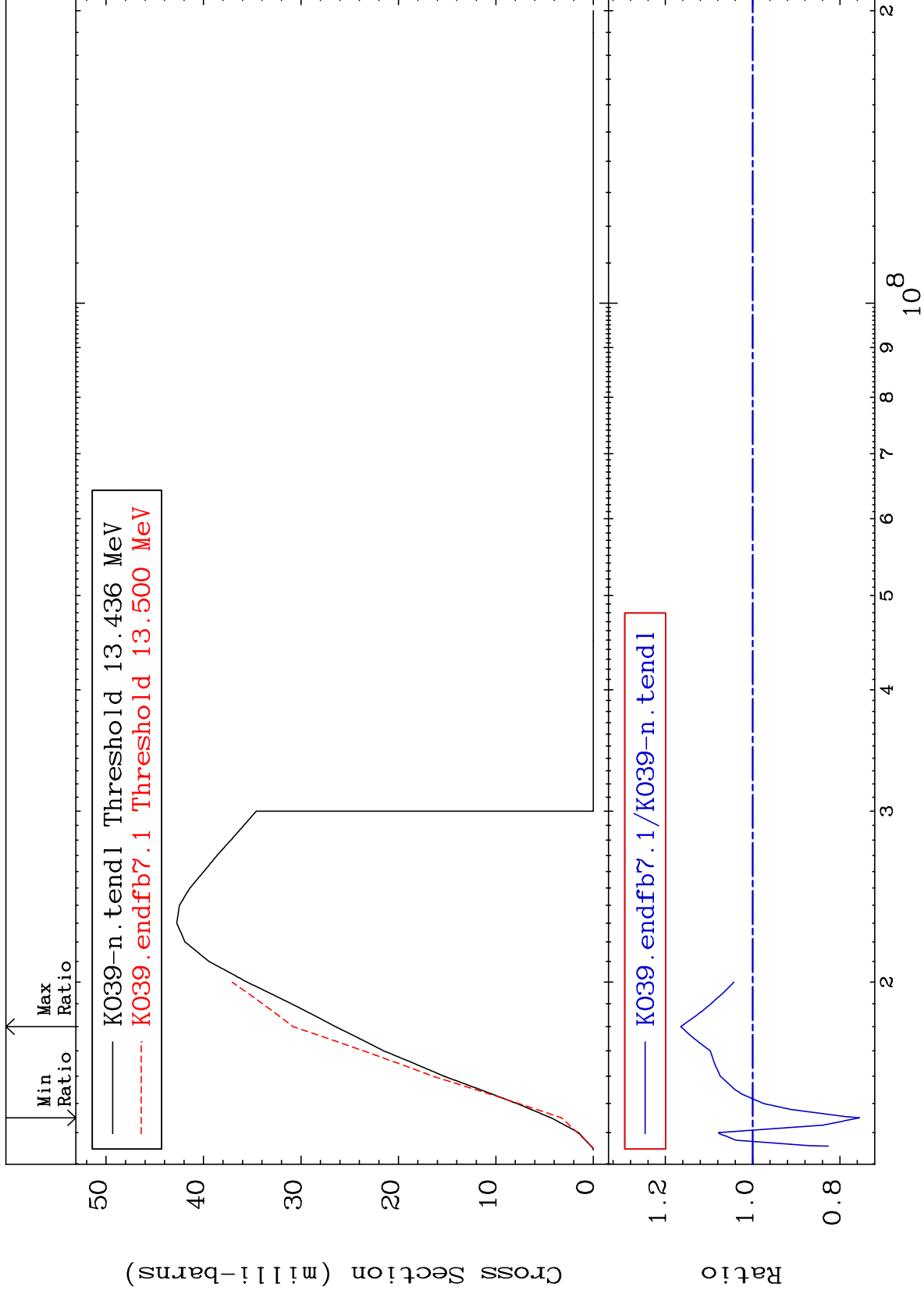
MAT 1925

(n,2n)

19-K -39

Cross Section

-24.51 To 16.48 %



4

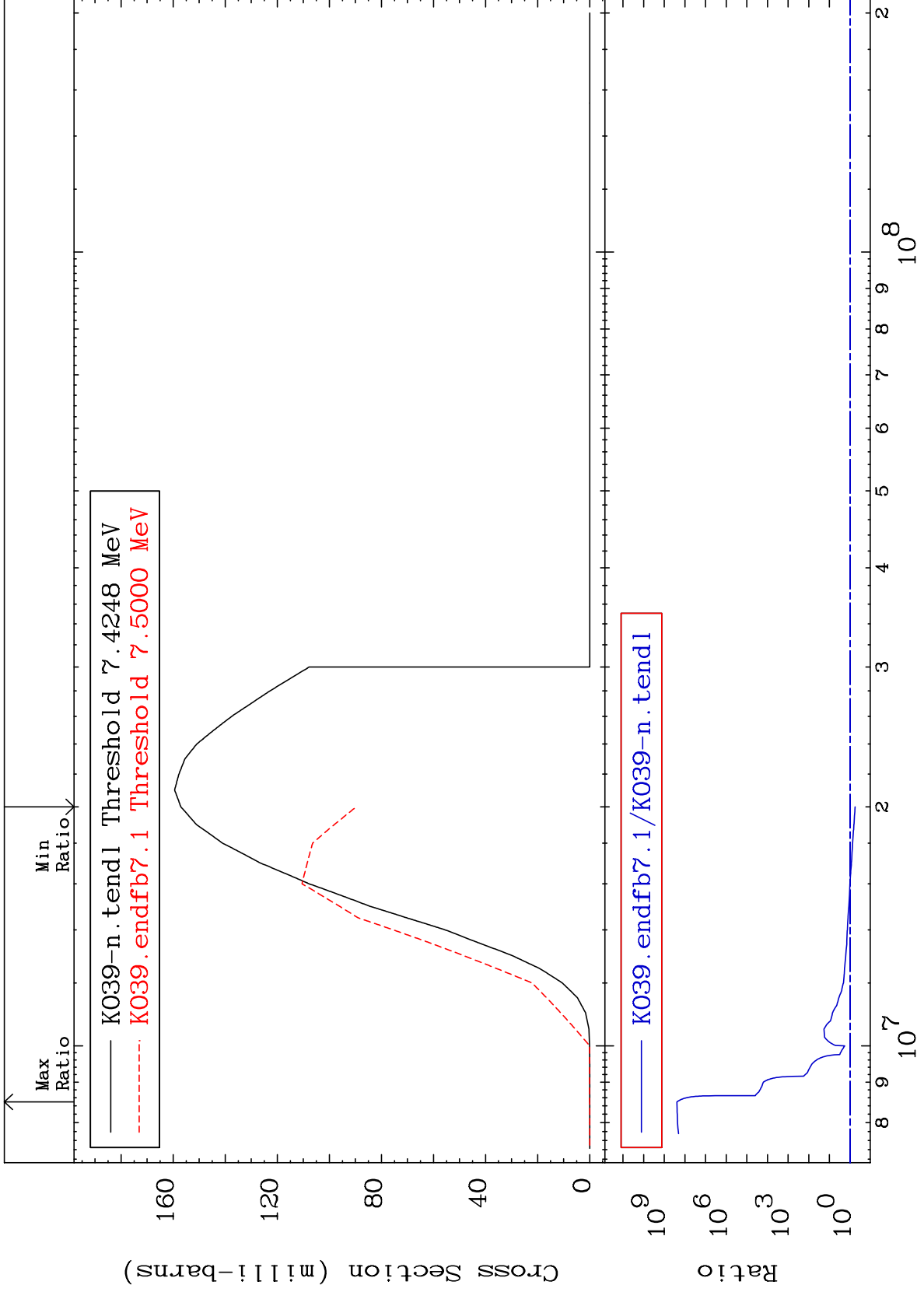
Incident Energy (eV)

19-K -39

MAT 1925

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

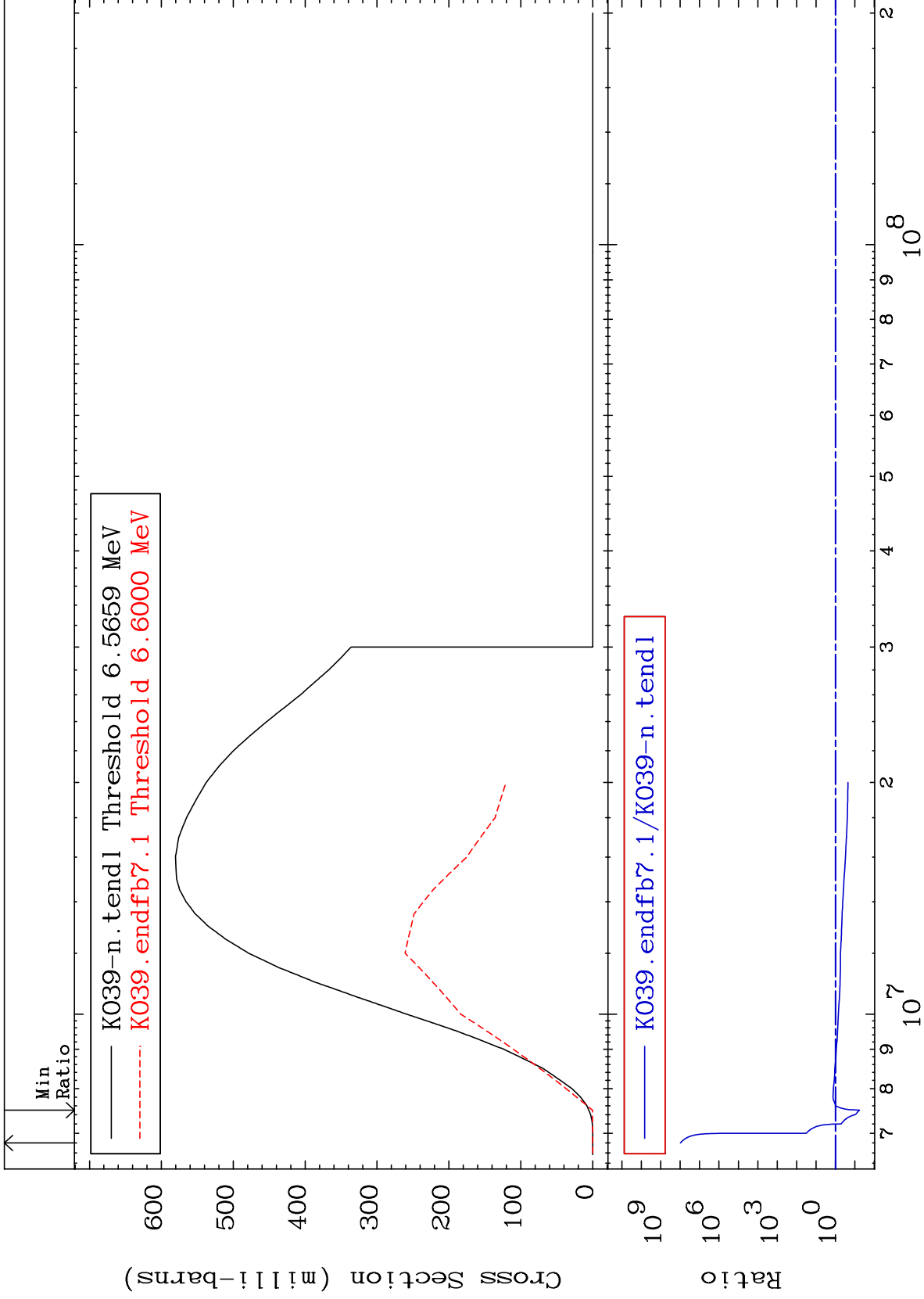
19-K -39  
-42.92 To 9999. %



5

Incident Energy (eV)

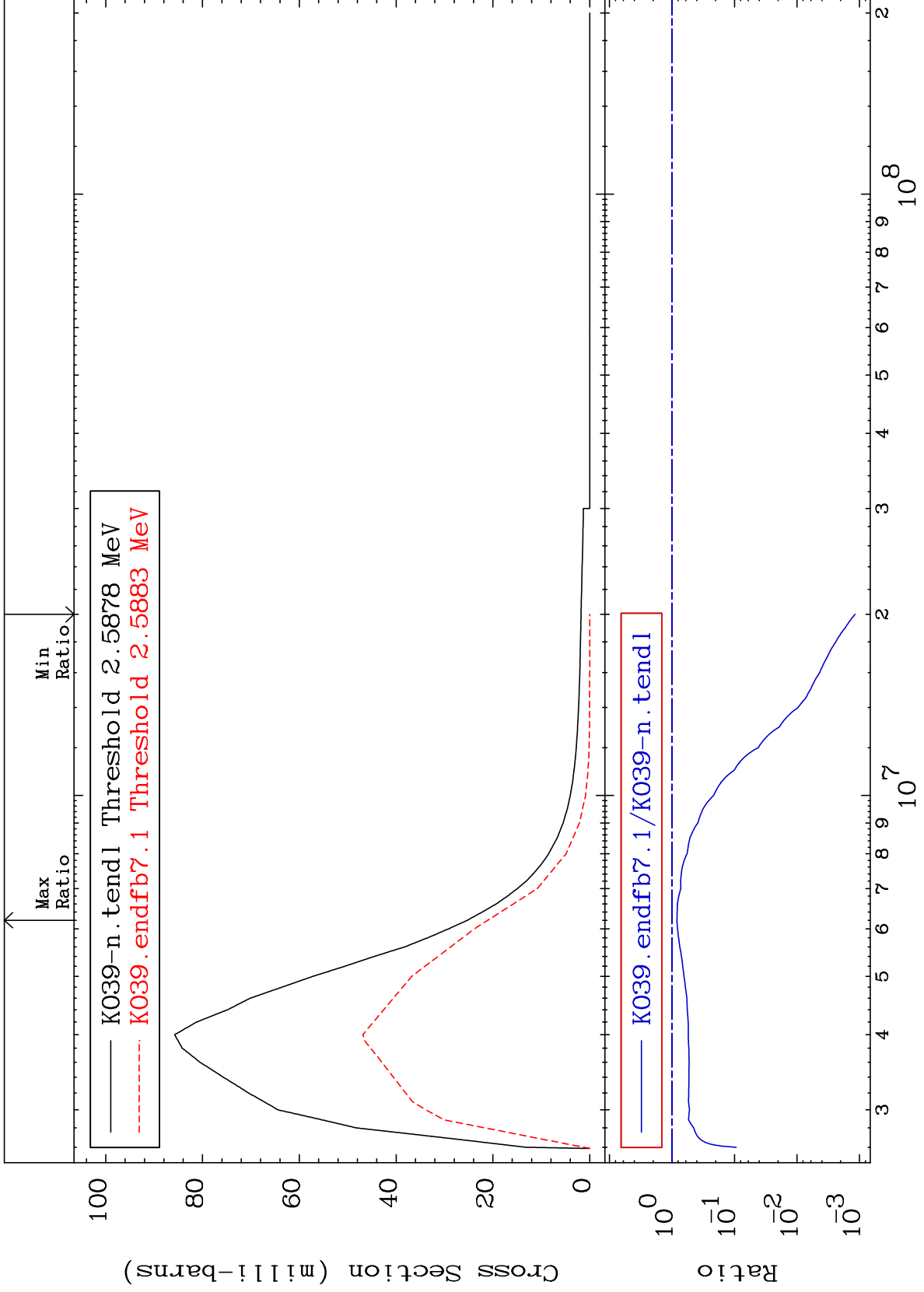
19-K -39



MAT 1925

2.523 MeV (n,n') Level  
Cross Section

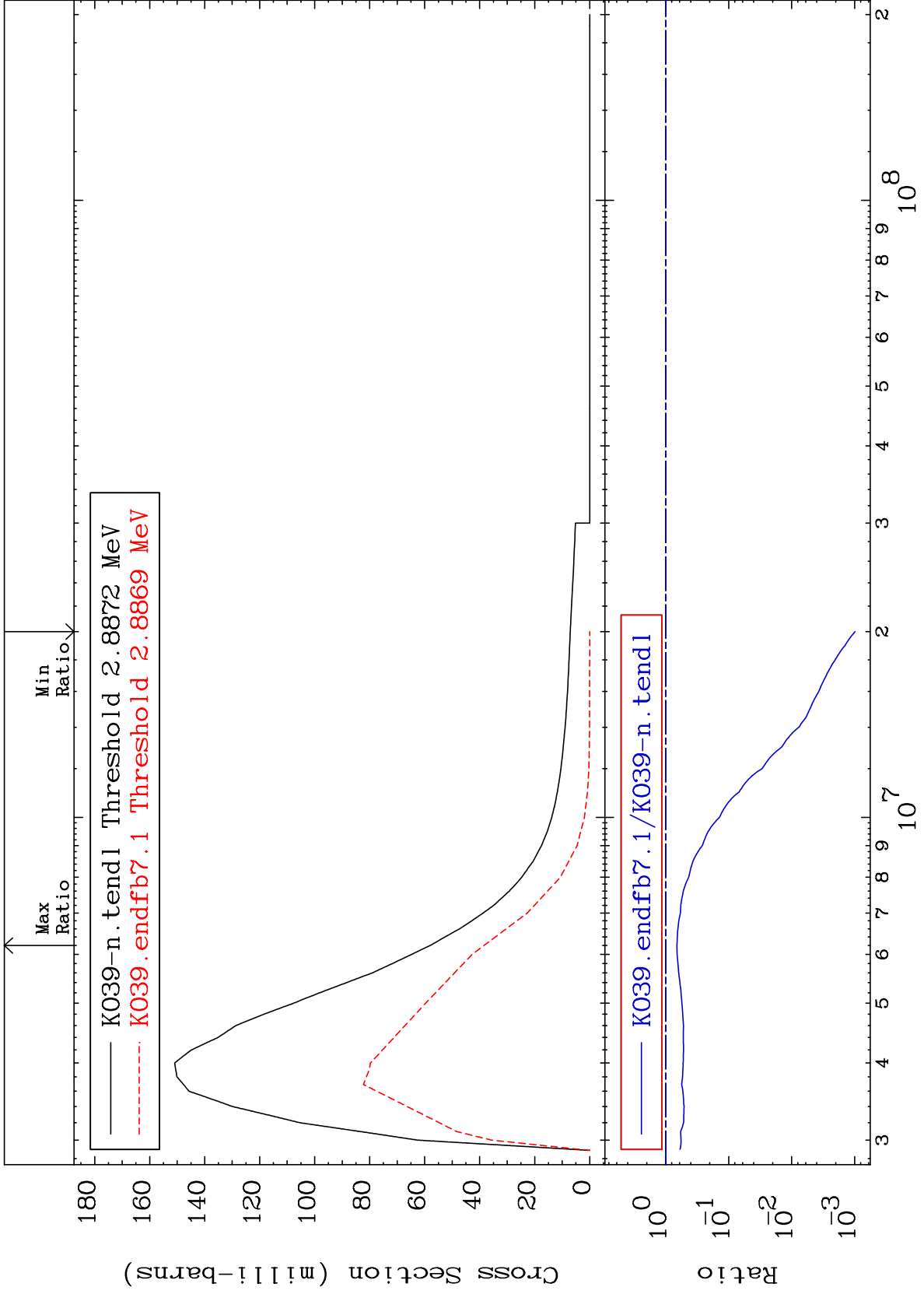
19-K -39  
-99.88 To -16.67%



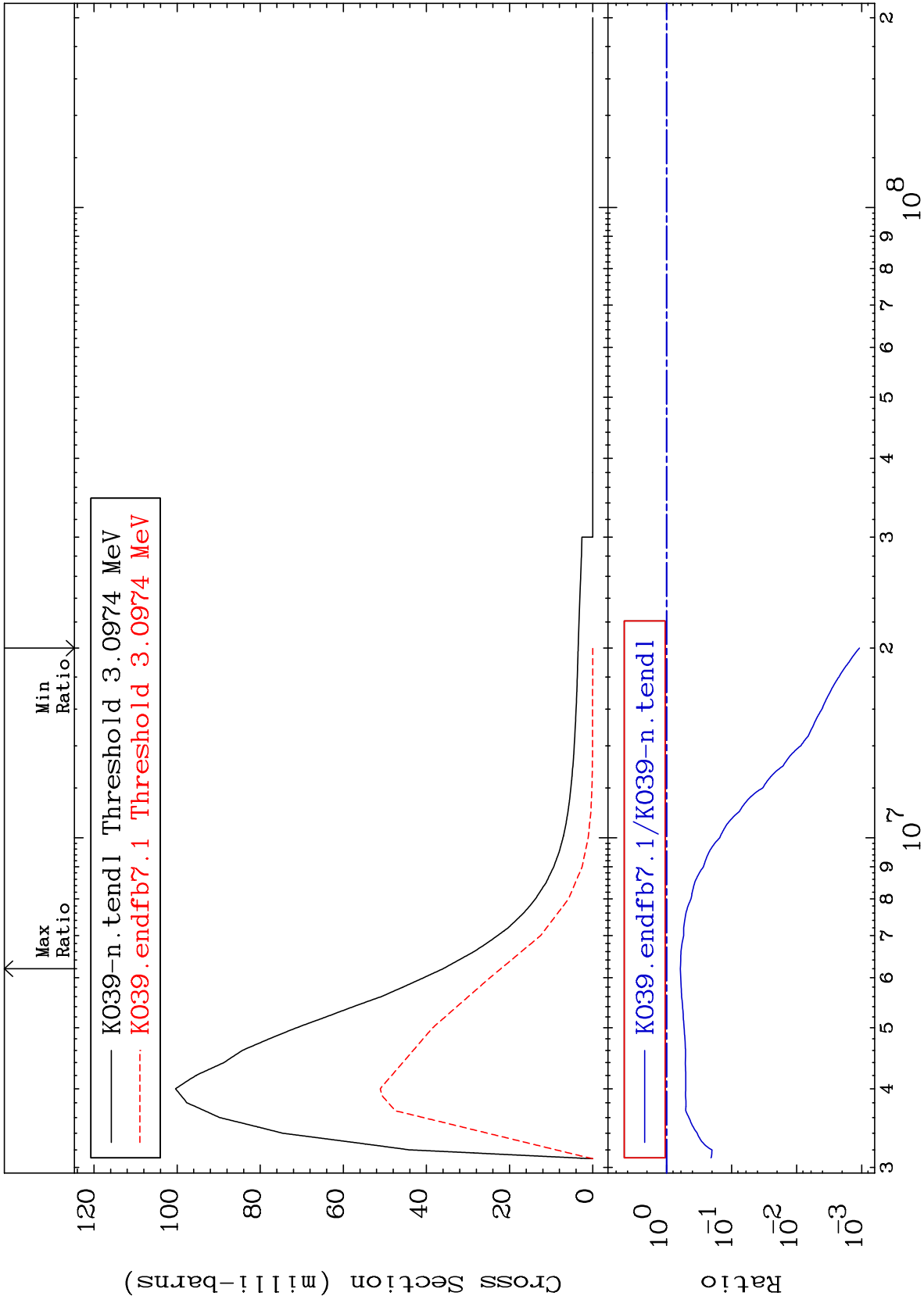
MAT 1925

2.814 MeV (n,n') Level  
Cross Section

19-K -39  
-99.90 To -33.71%



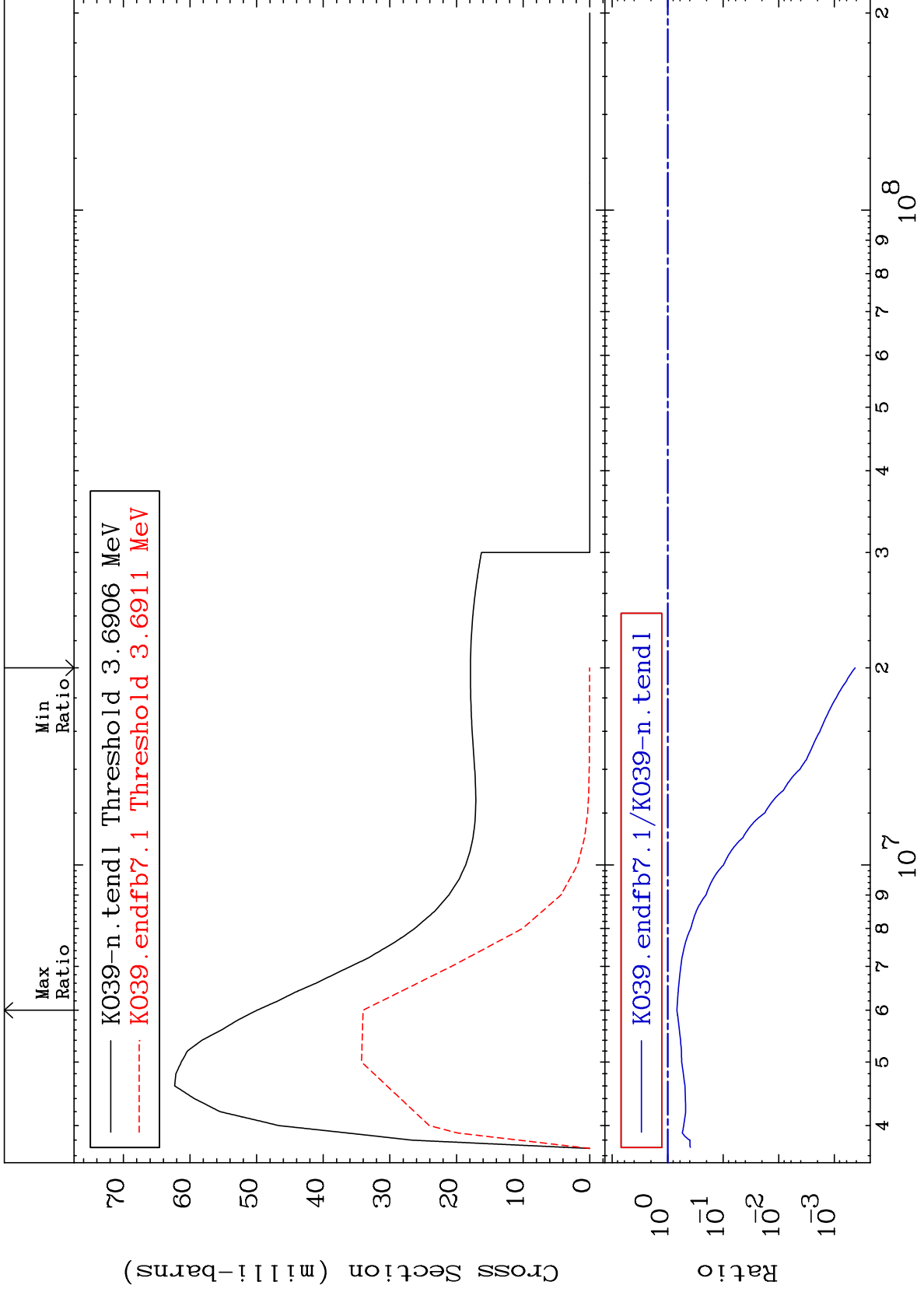




MAT 1925

3.597 MeV (n,n') Level  
Cross Section

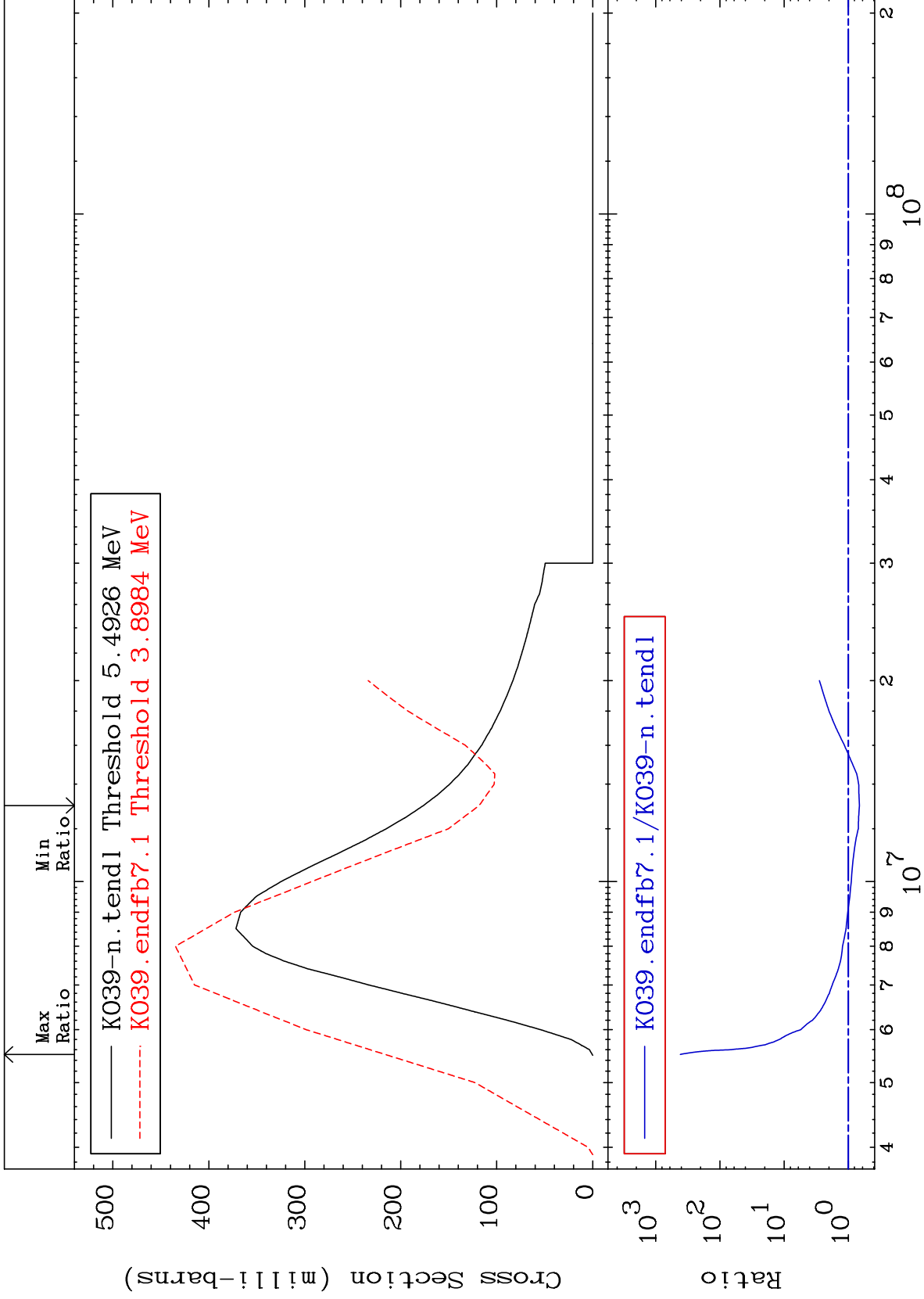
19-K -39  
-99.96 To -31.88%



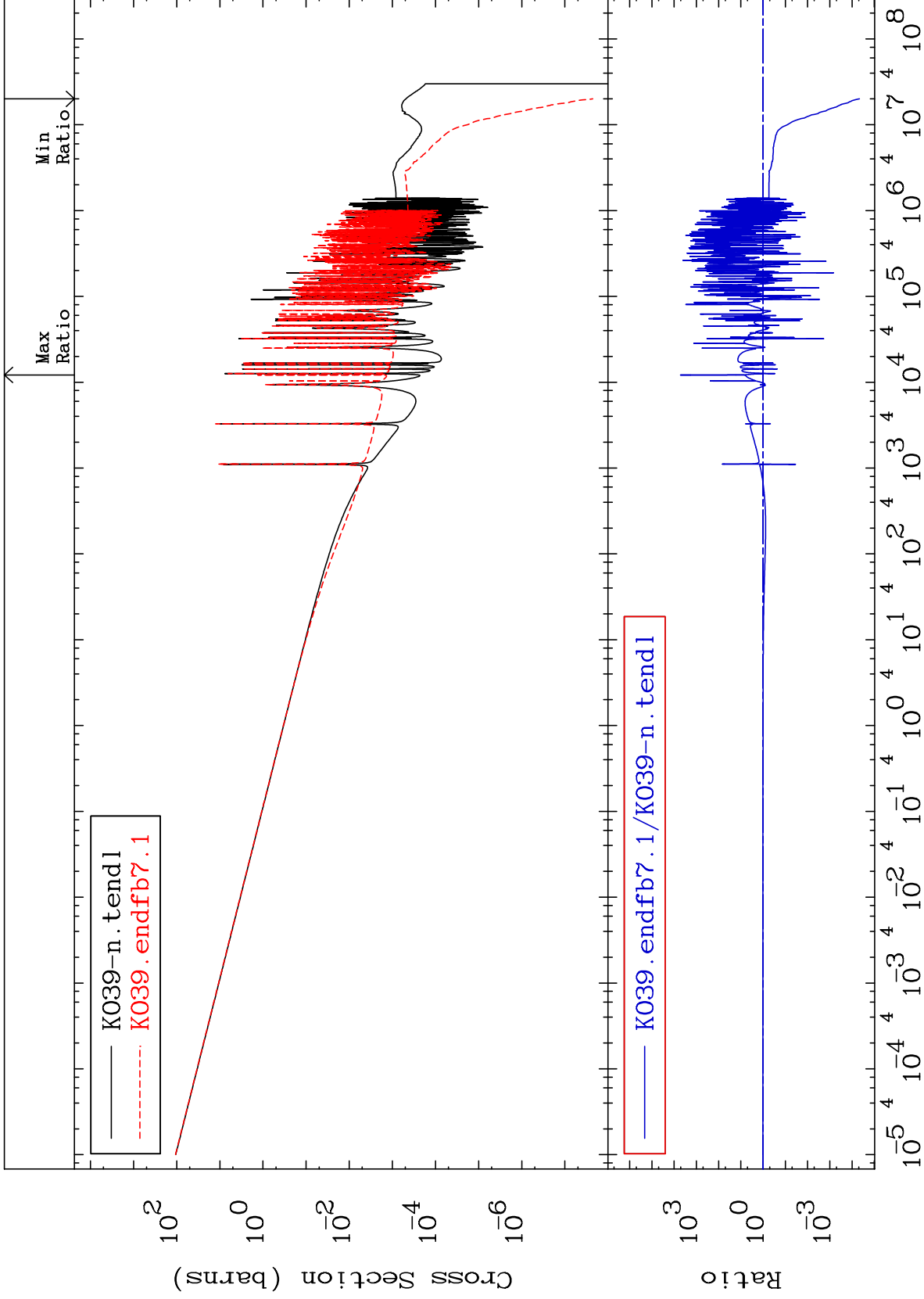
10

Incident Energy (eV)

19-K -39



Cross Section



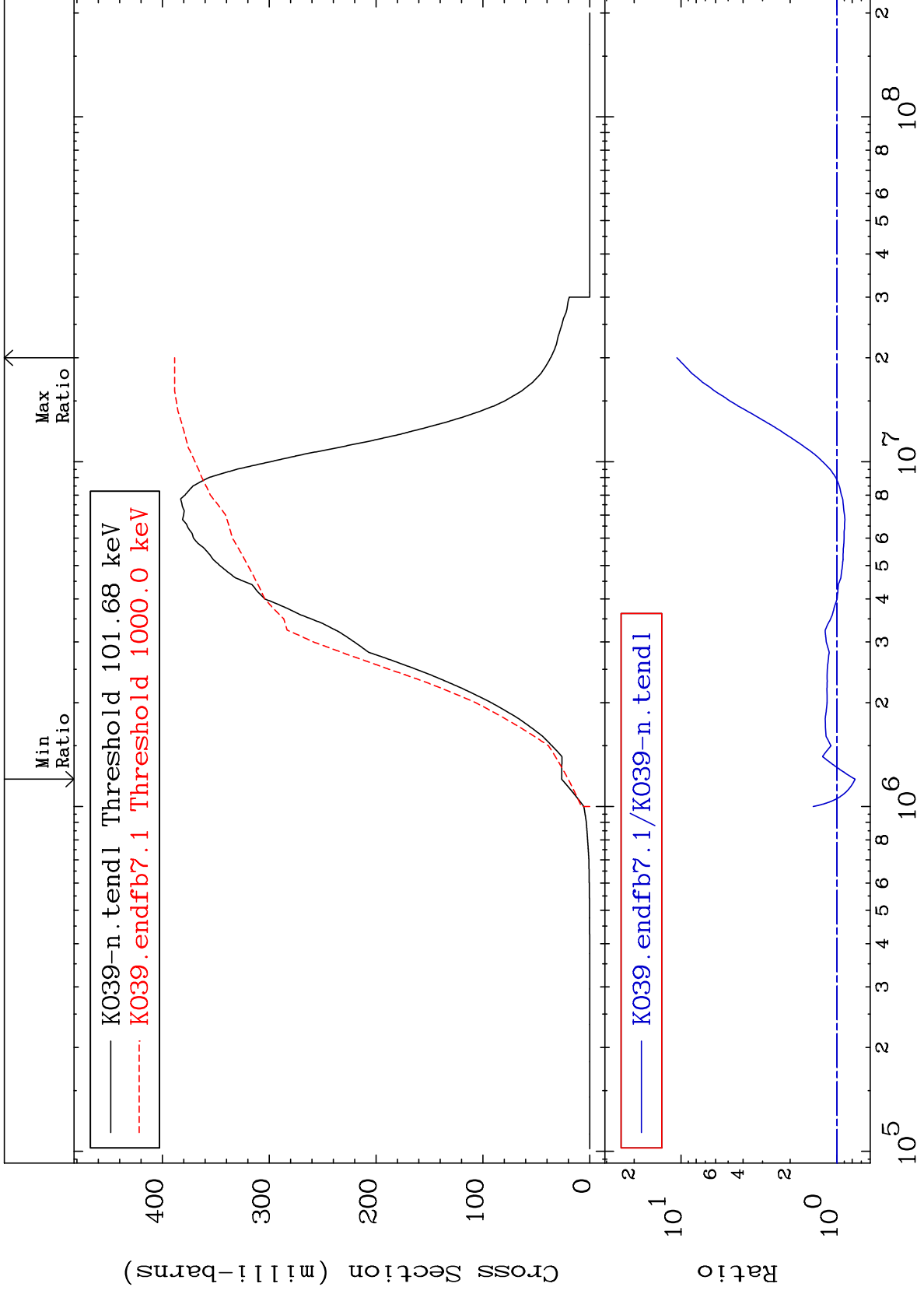
MAT 1925

(n,p)

Cross Section

19-K -39

-23.37 To 963.1 %



13

Incident Energy (eV)

19-K -39

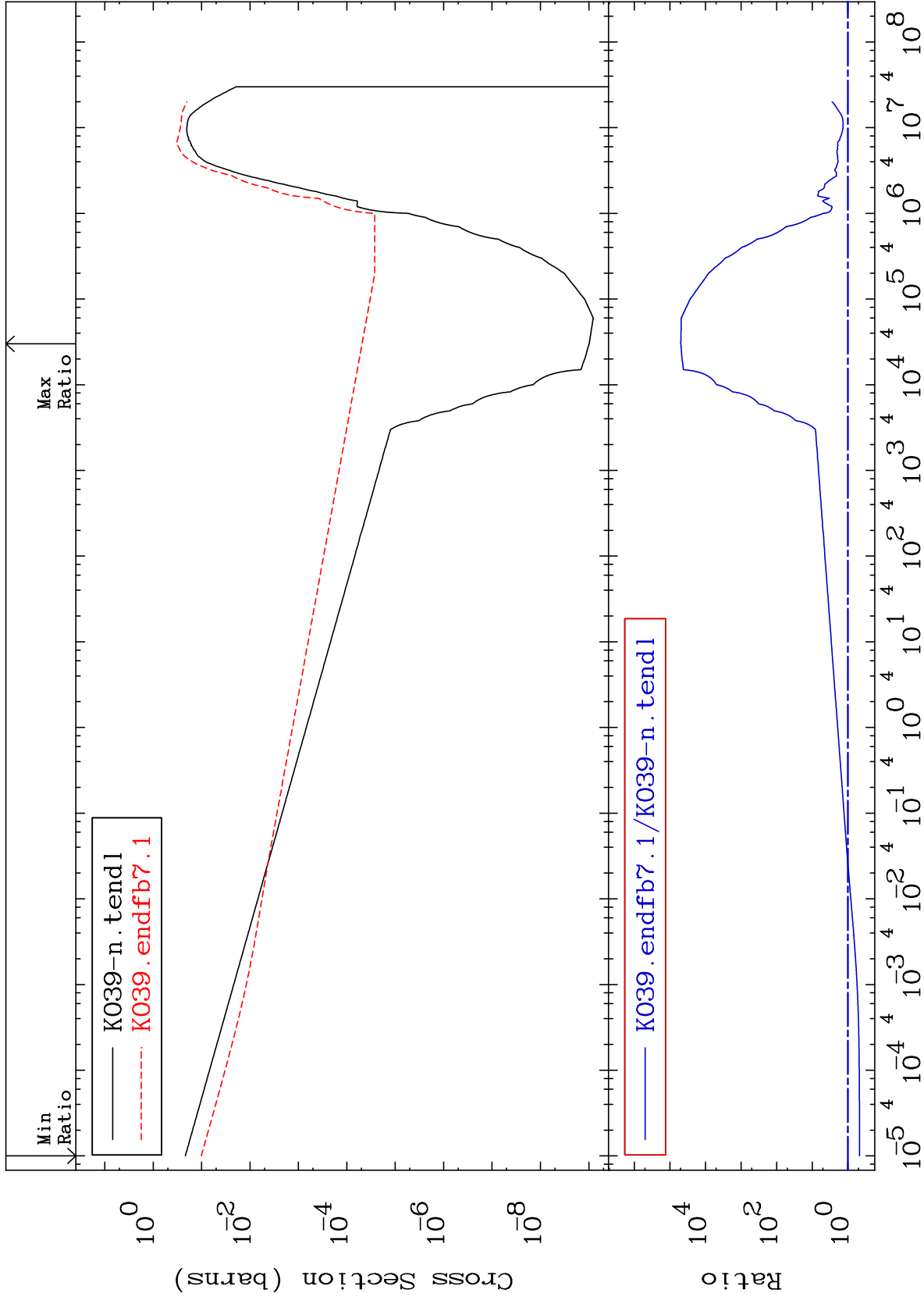
MAT 1925

(n,  $\alpha$ )

Cross Section

19-K -39

-53.18 To 9999. %



14

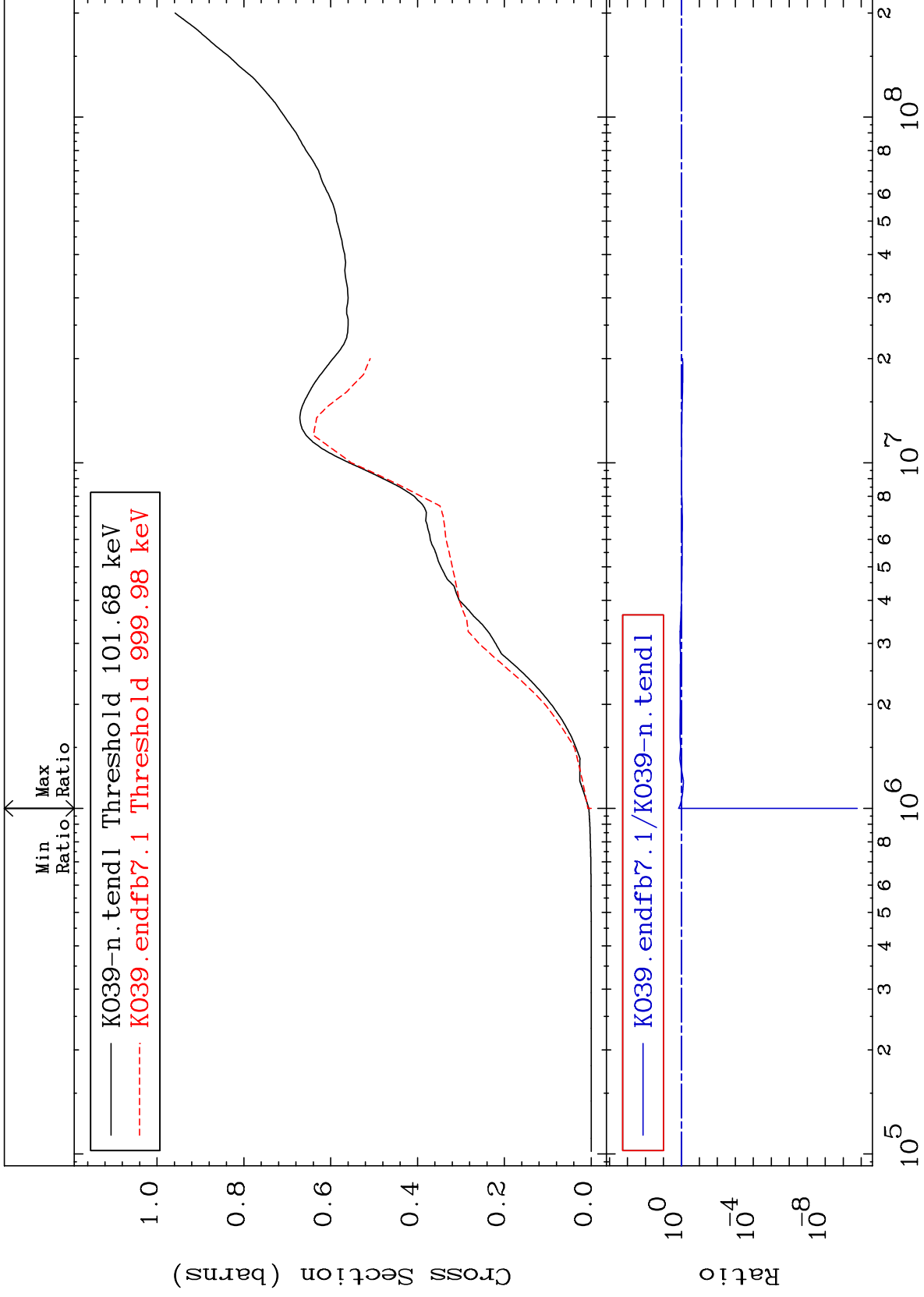
Incident Energy (eV)

19-K -39

MAT 1925

Hydrogen Production  
Cross Section

19-K -39  
-100.0 To 42.44 %



15

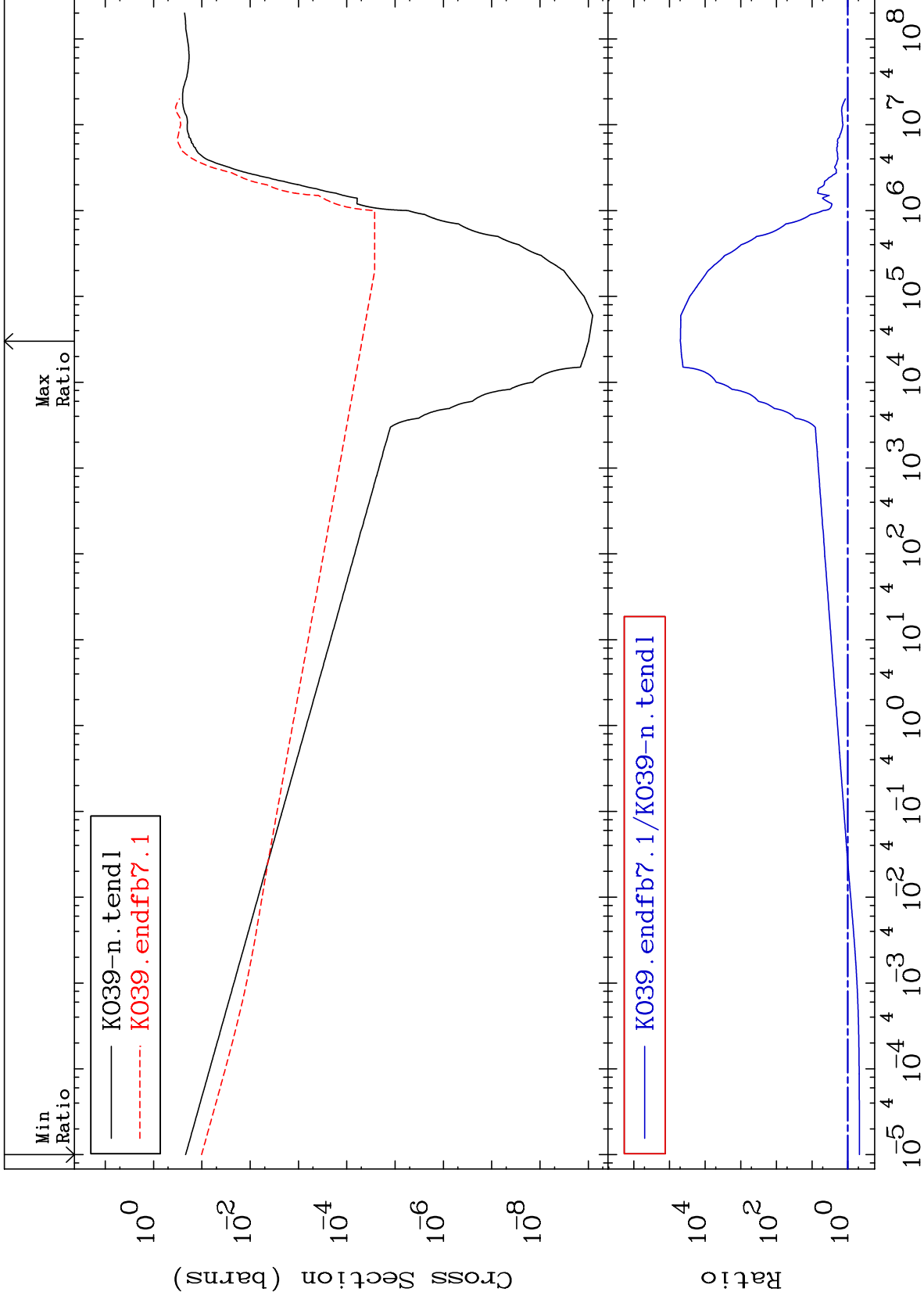
Incident Energy (eV)

19-K -39

MAT 1925

He-4 Production  
Cross Section

19-K -39  
-53.18 To 9999. %

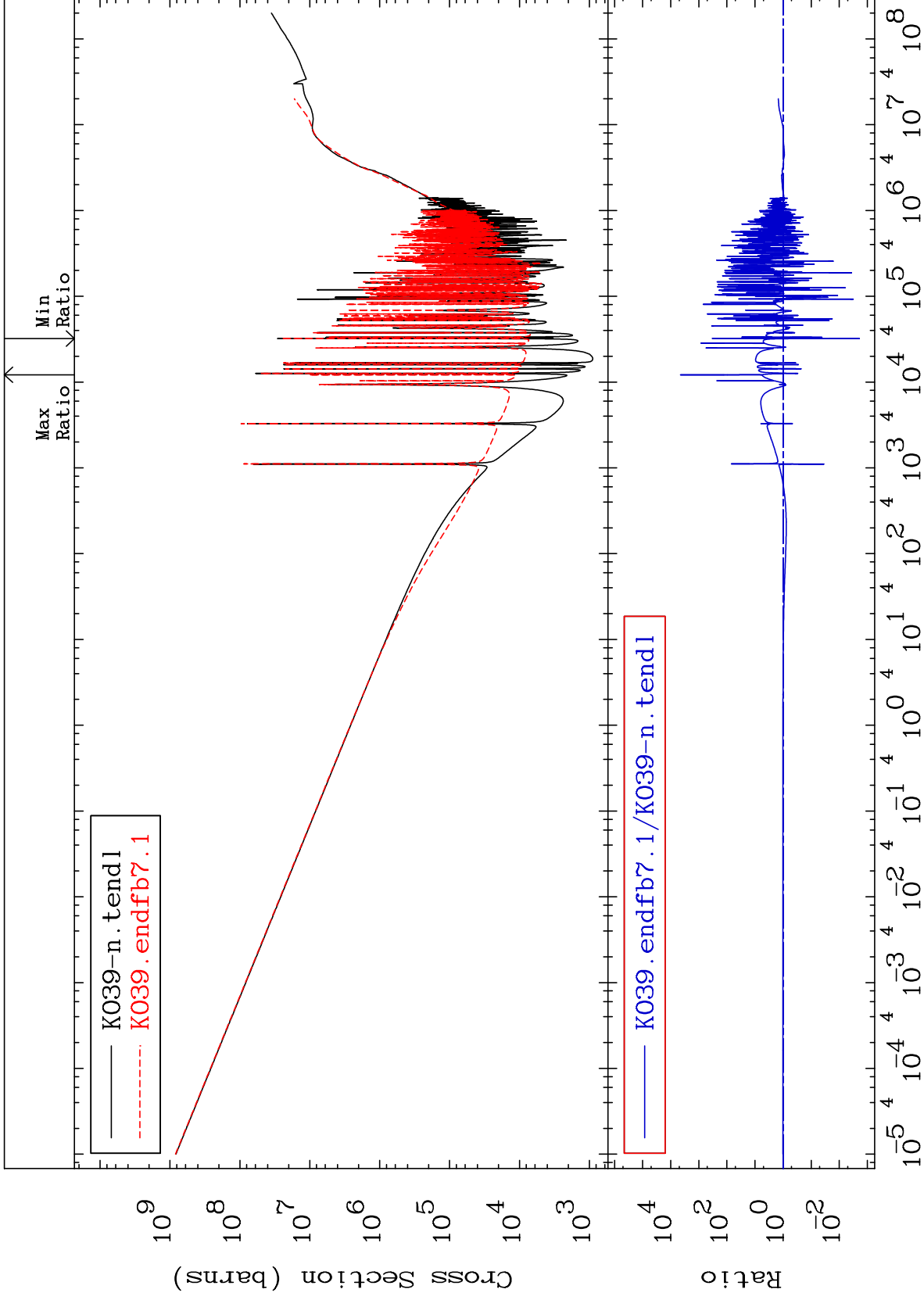


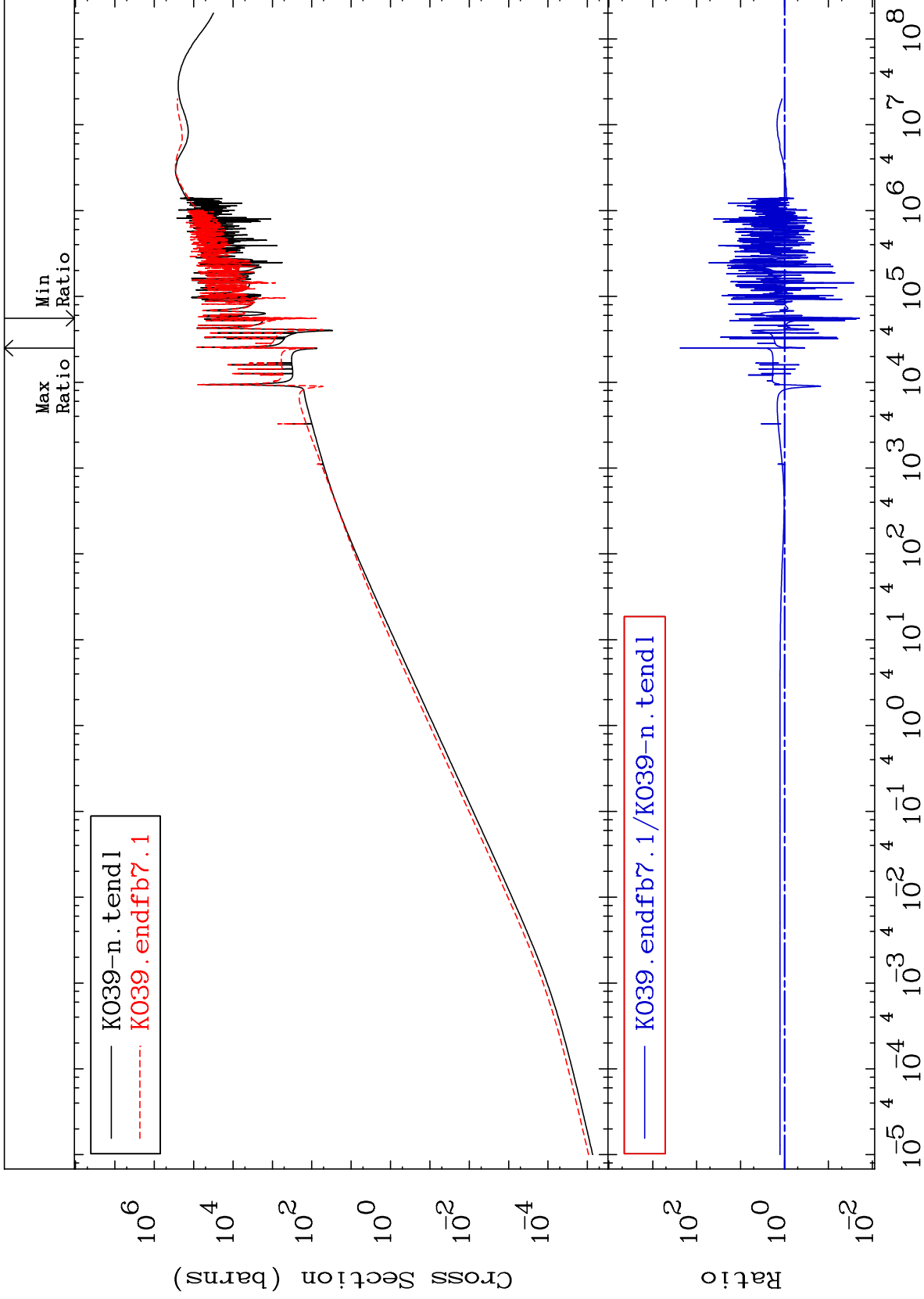
16

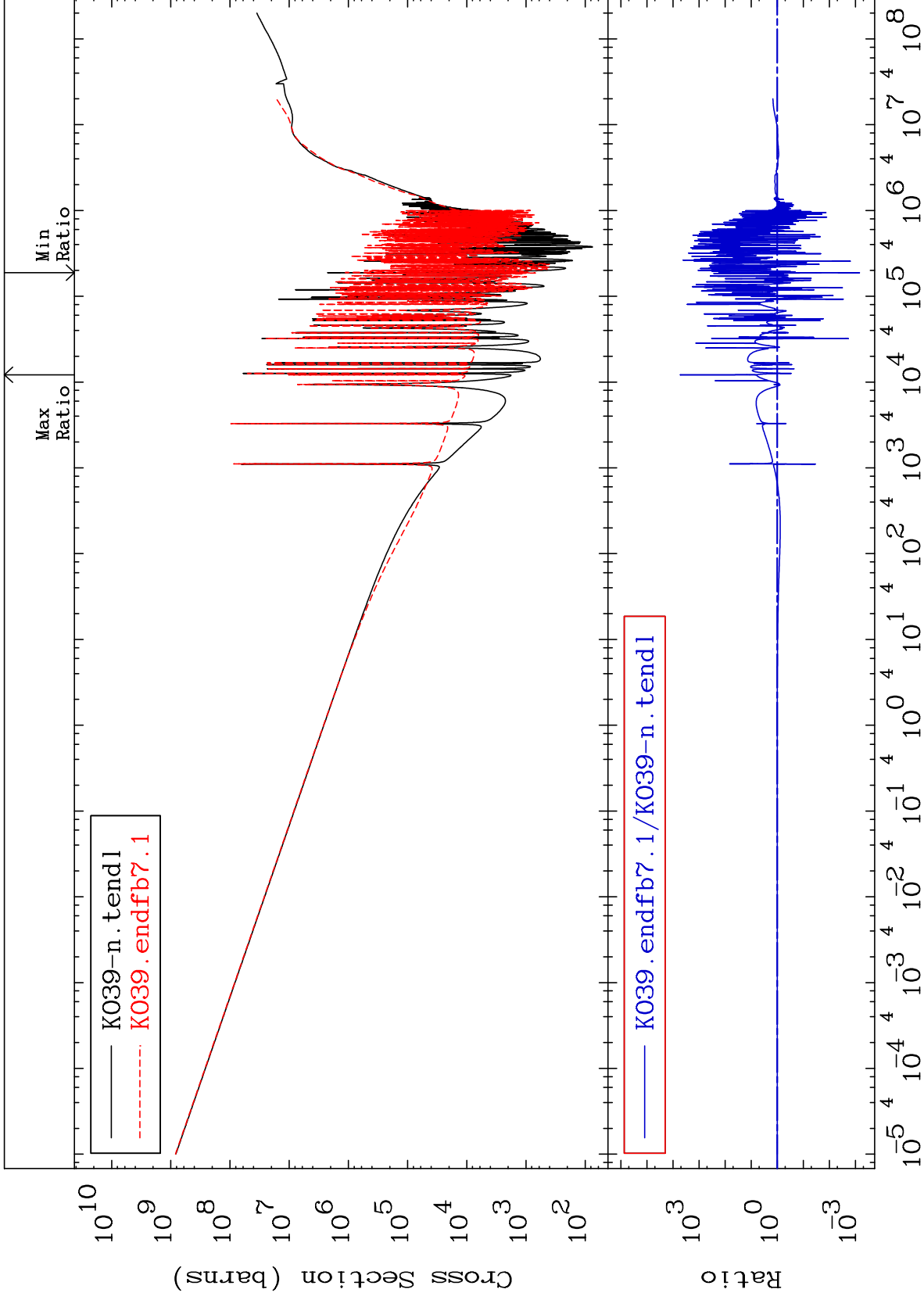
Incident Energy (eV)

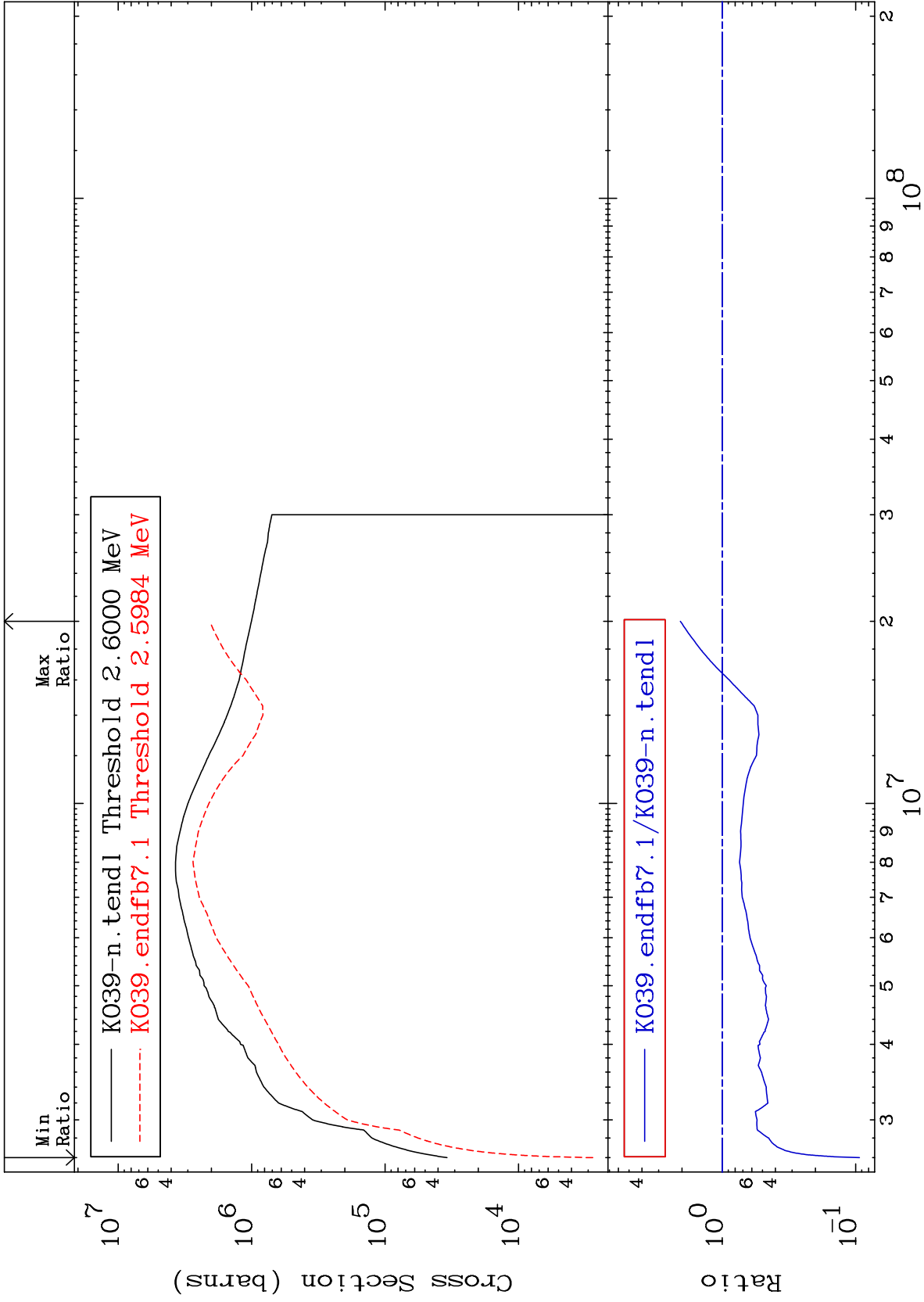
19-K -39

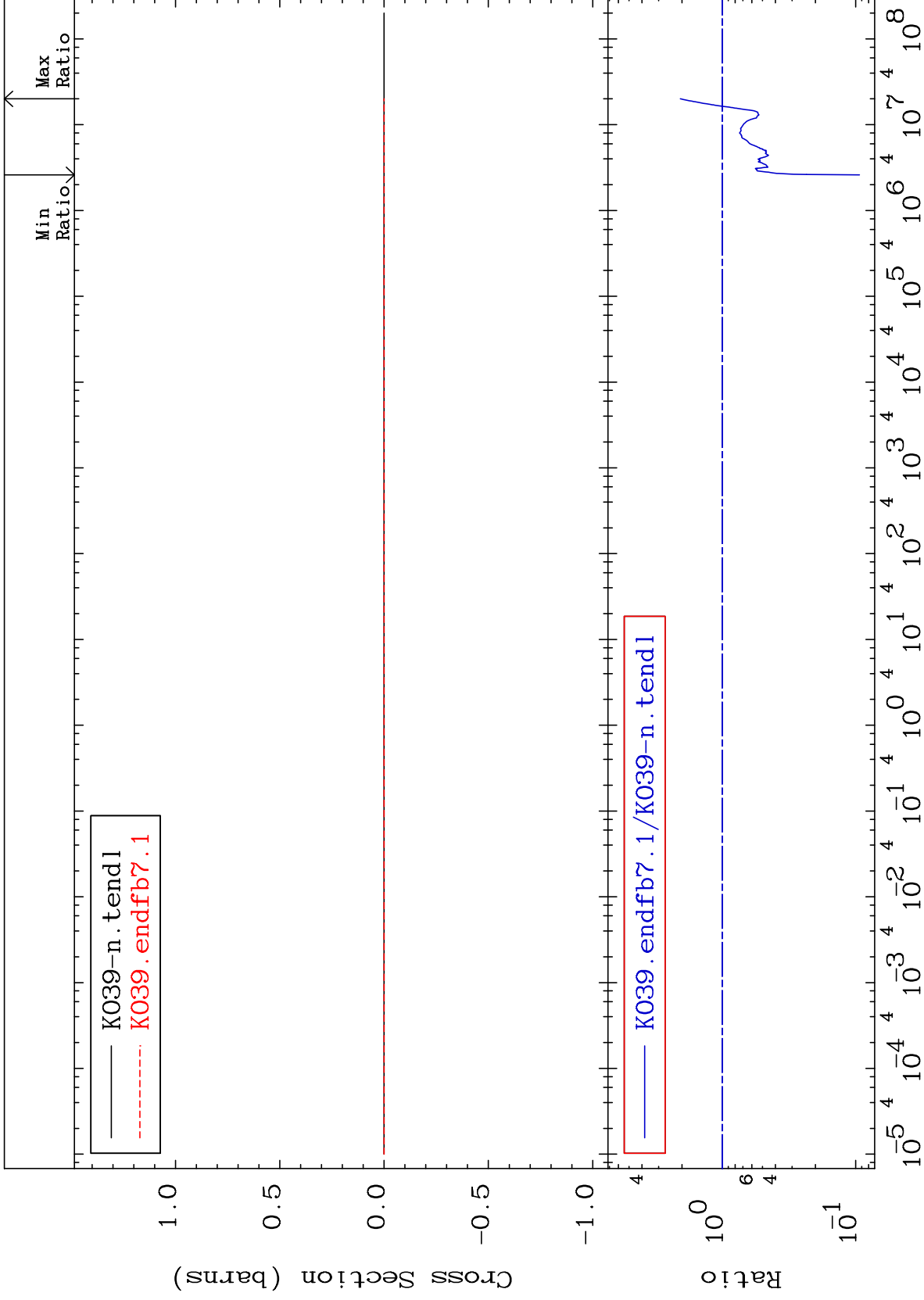












Kerma capture (mt102)  
Cross Section

