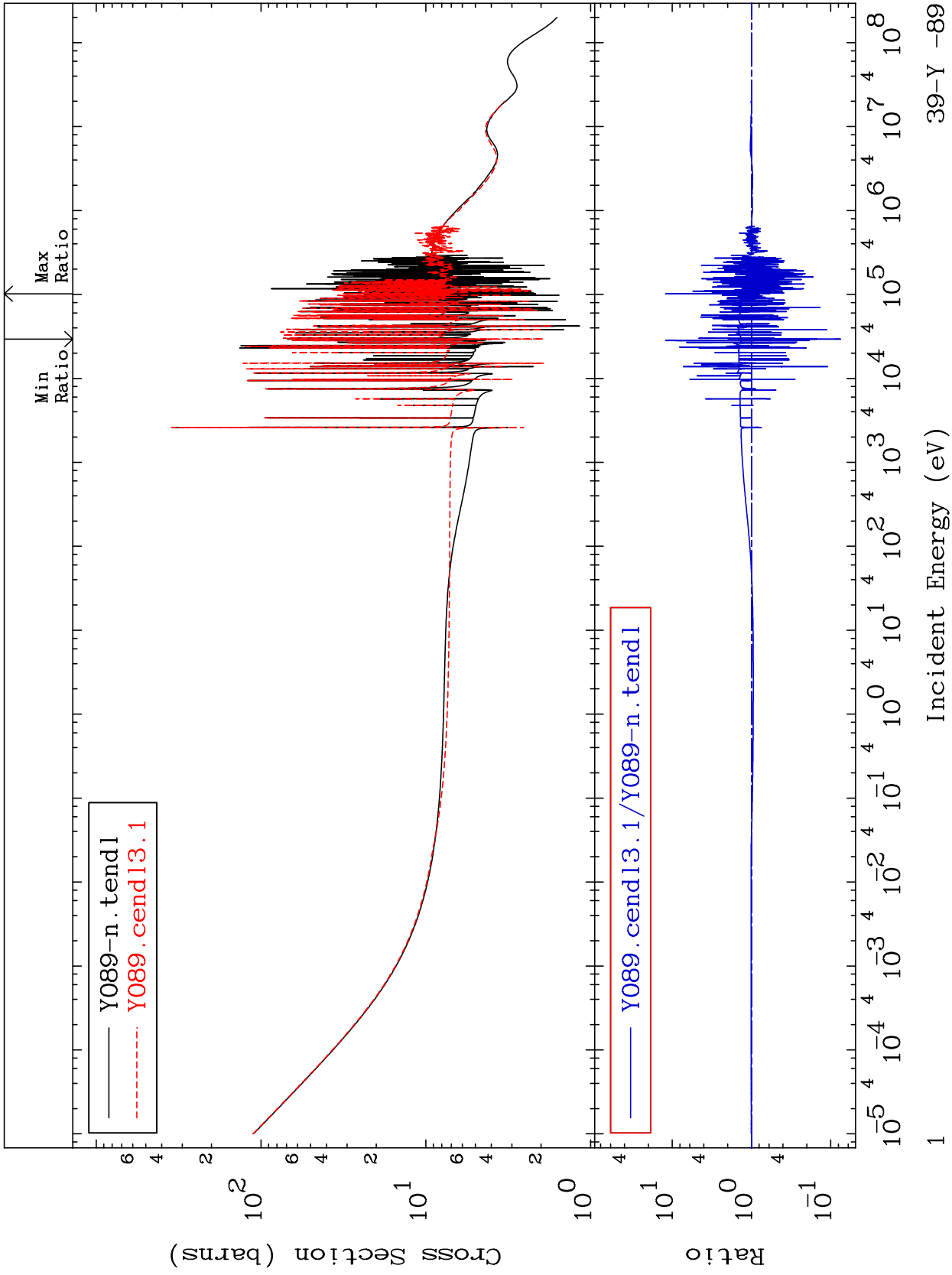


MAT 3925

Total  
Cross Section

39-Y -89  
-92.51 To 1116. %

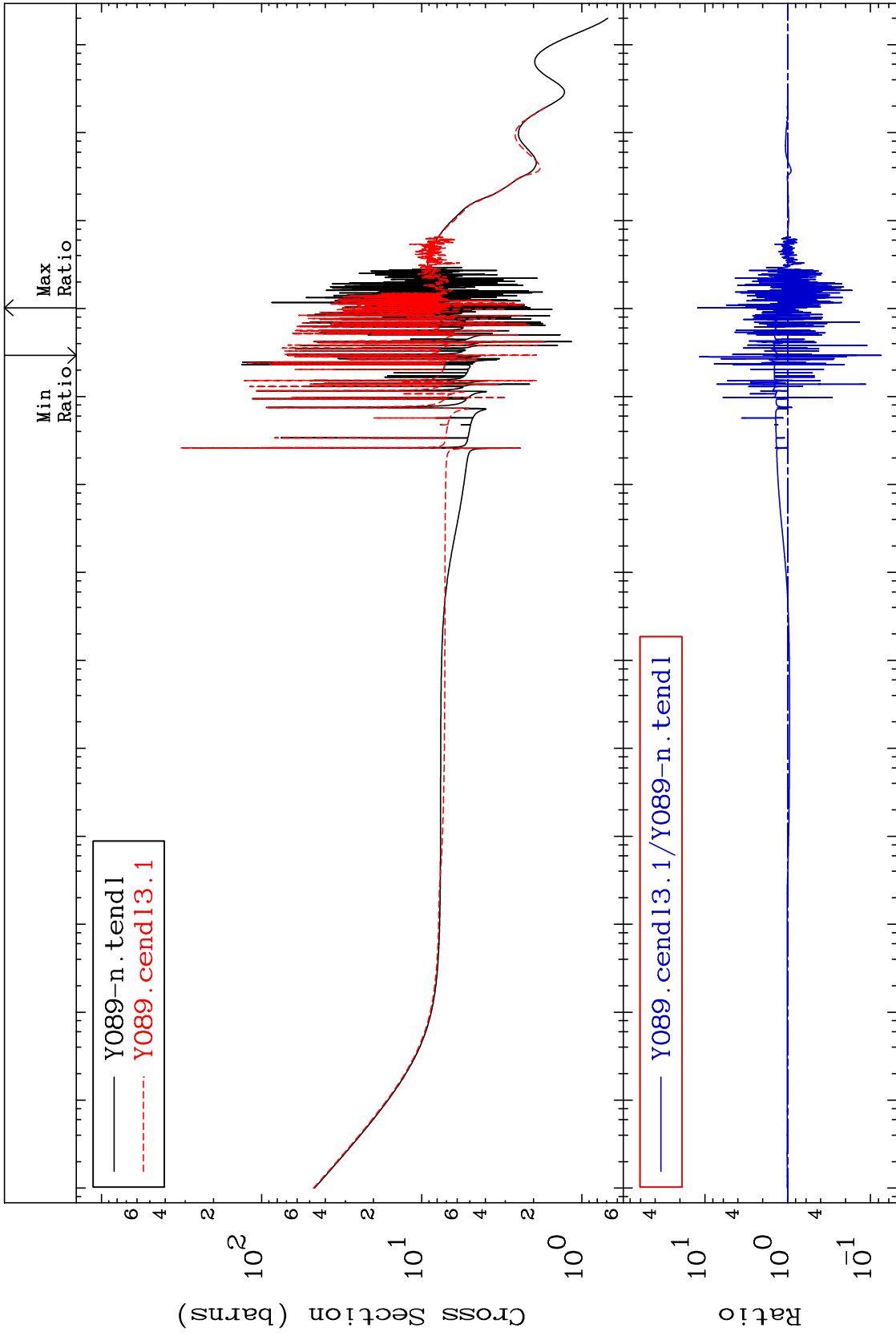


39-Y -89

MAT 3925

Elastic  
Cross Section

39-Y -89  
-92.57 To 1129. %



Incident Energy (eV)

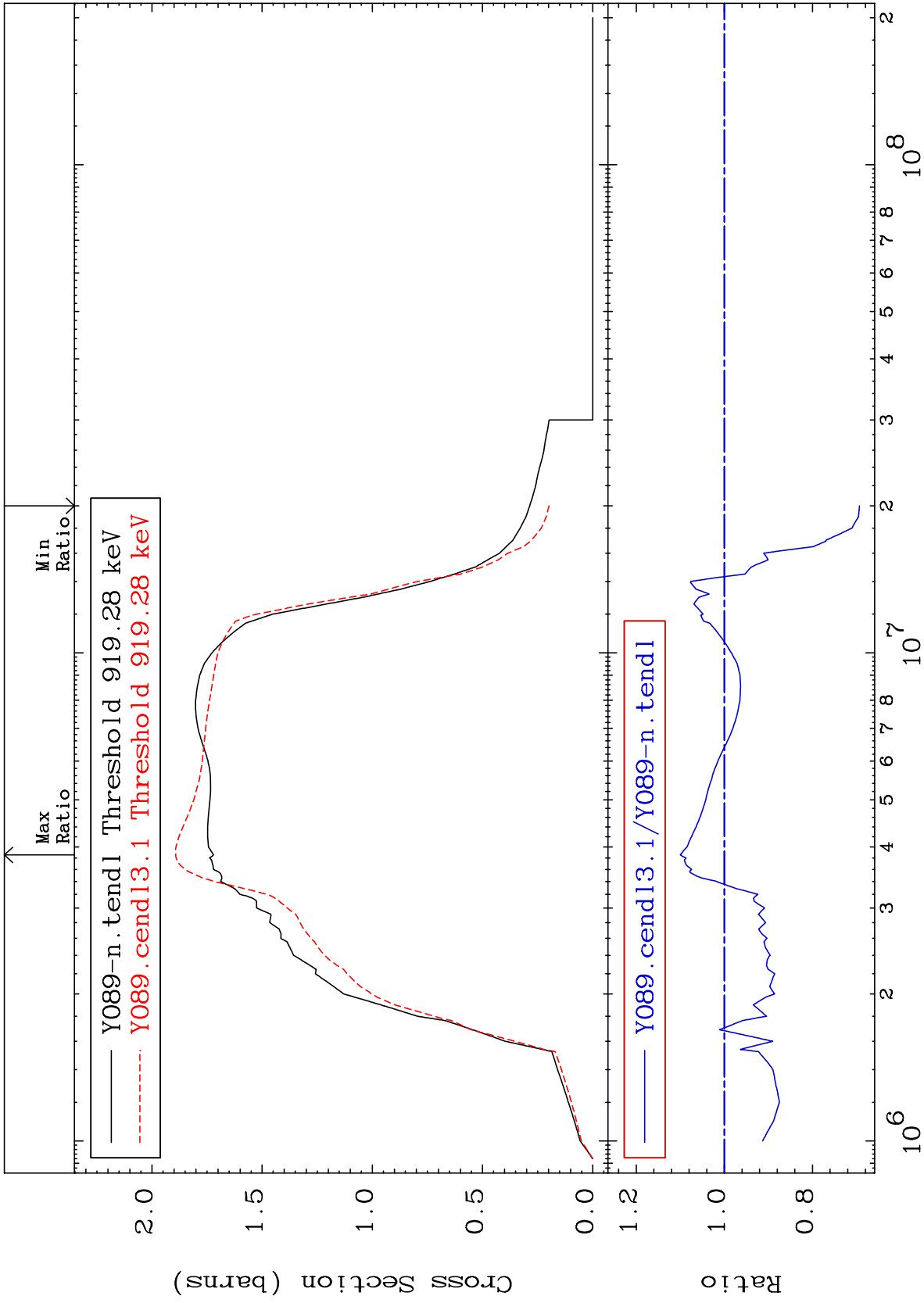
2

39-Y -89

MAT 3925

Inelastic  
Cross Section

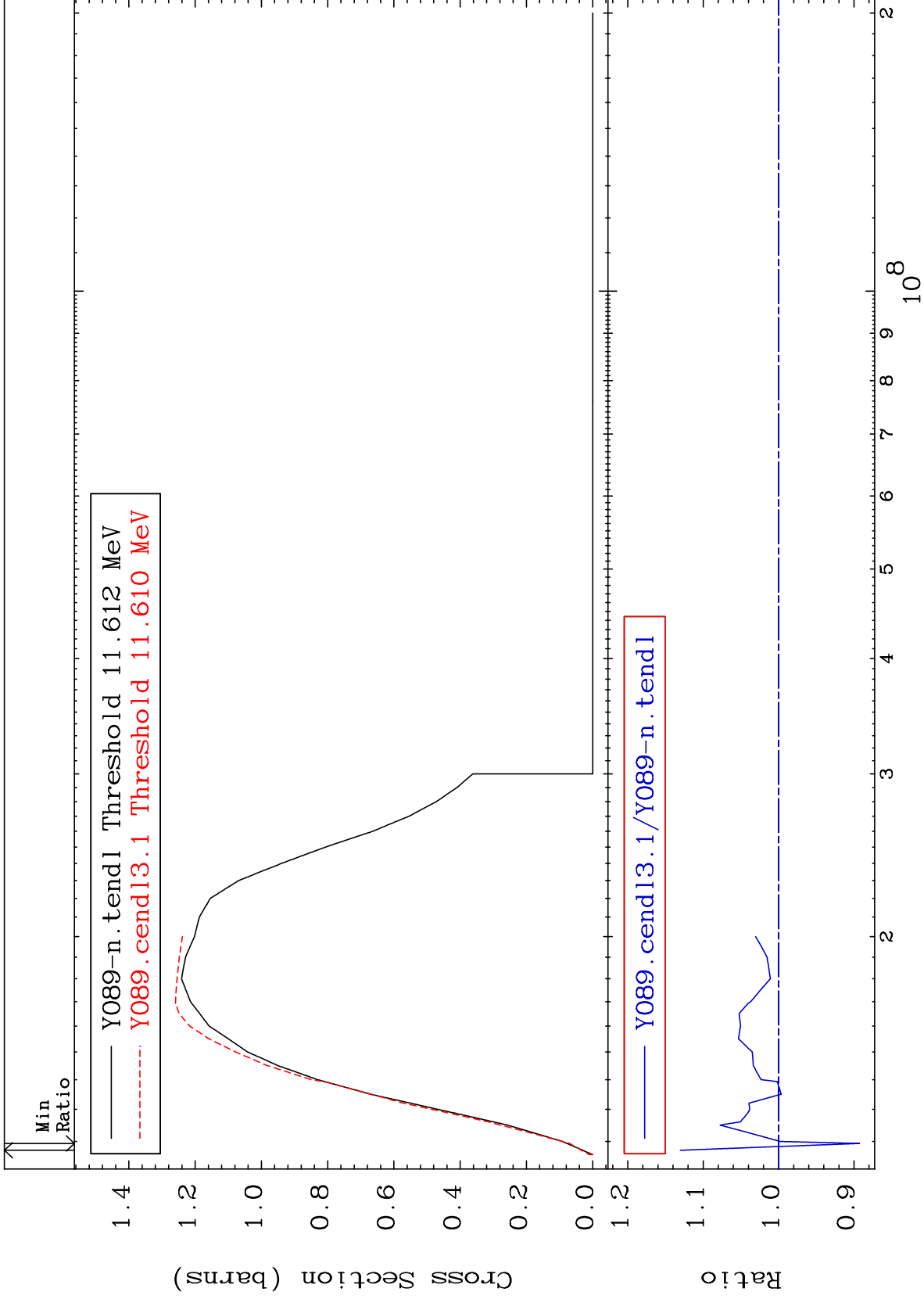
39-Y -89  
-30.65 To 9.984 %



3

Incident Energy (eV)

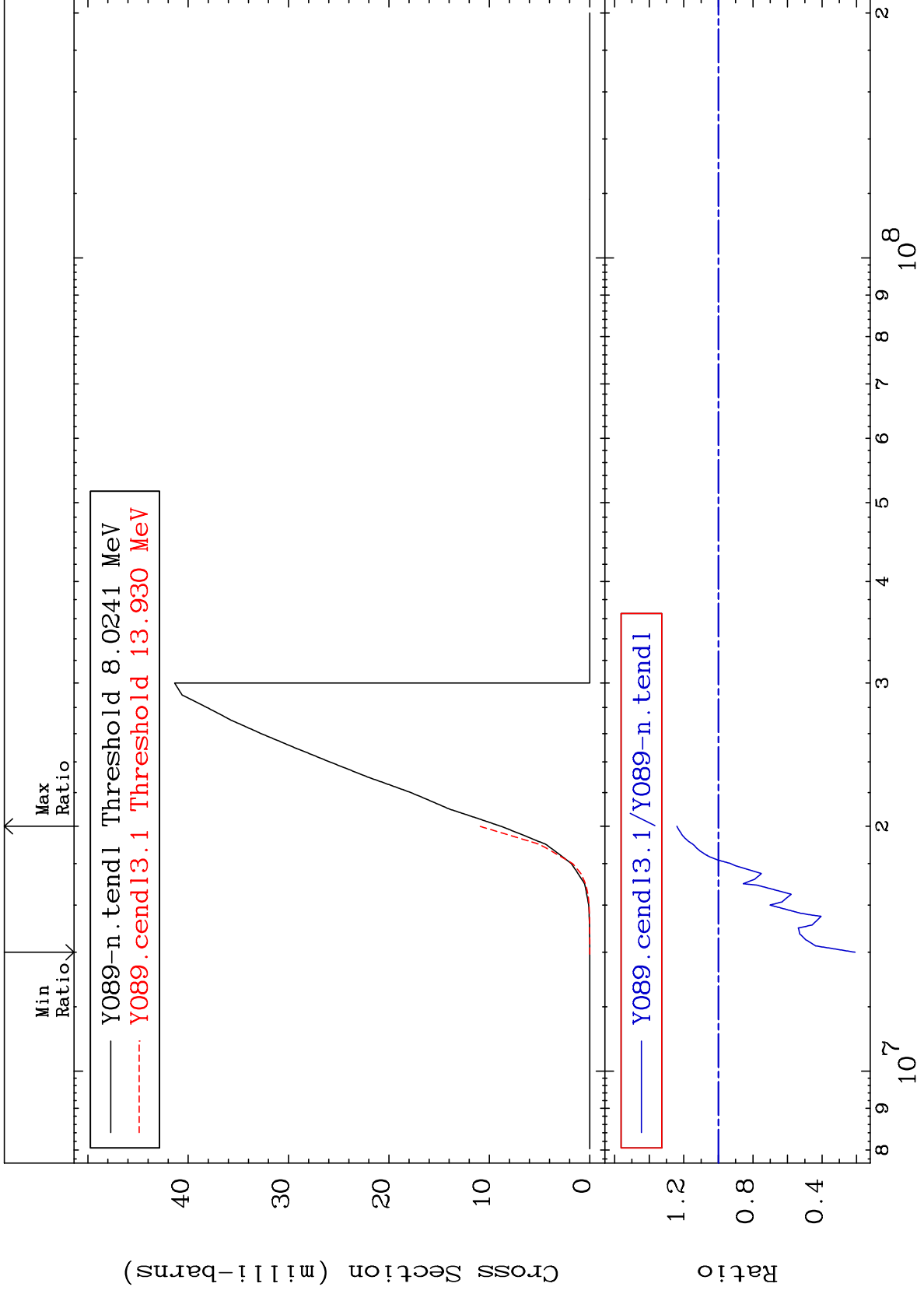
39-Y -89



MAT 3925

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

39-Y -89  
-79.10 To 23.97 %



5

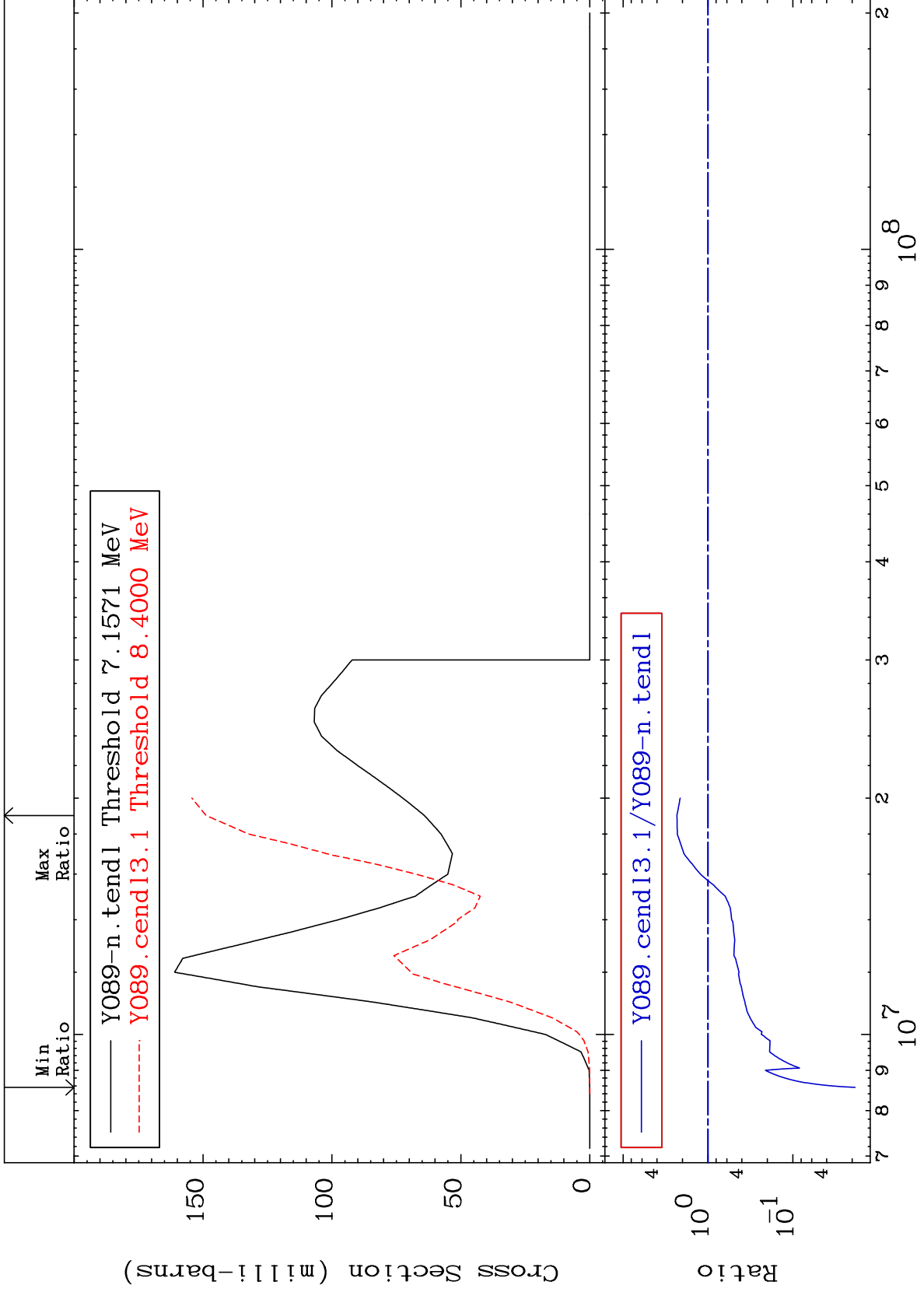
Incident Energy (eV)

39-Y -89

MAT 3925

(n,n') p  
Cross Section

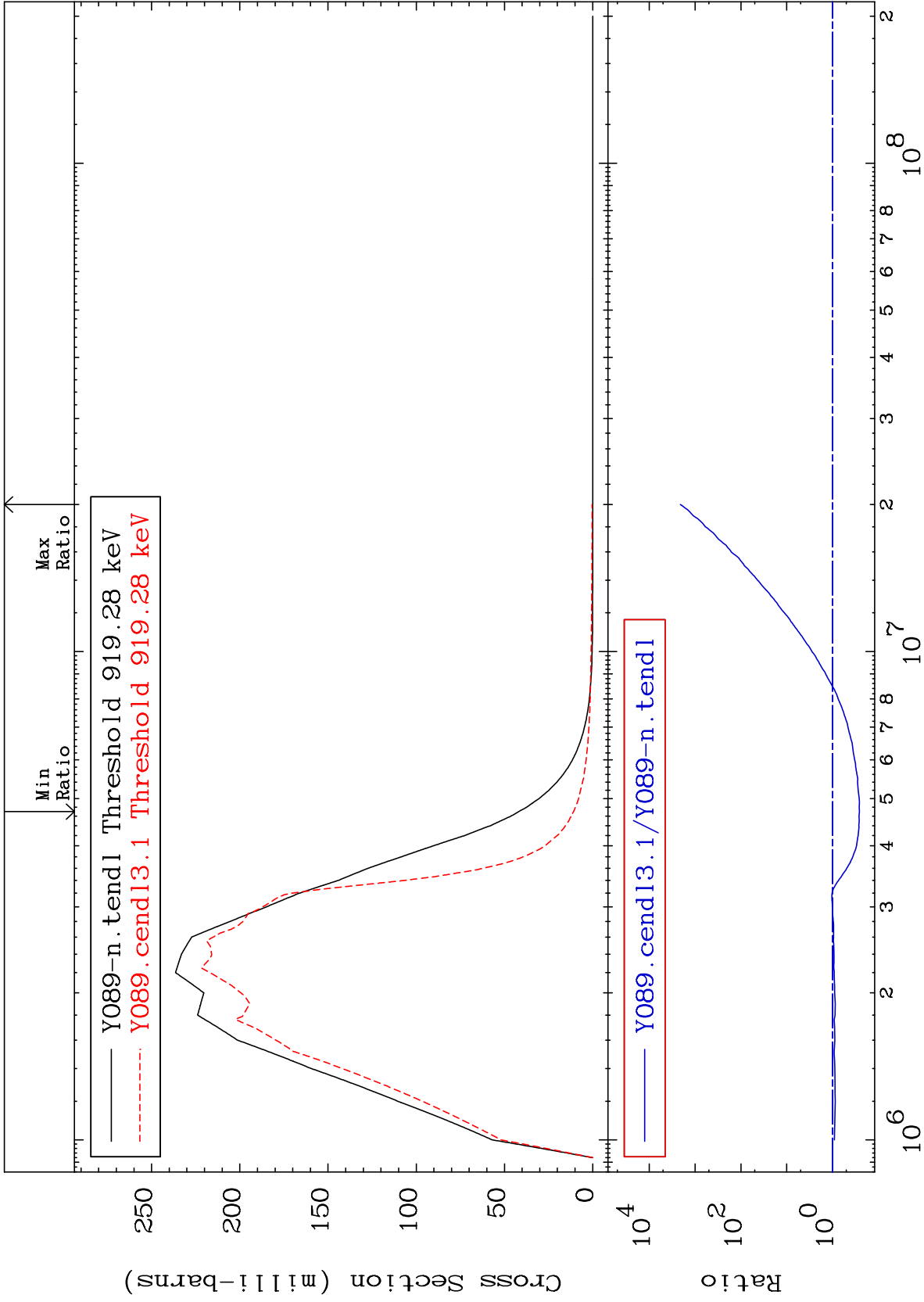
39-Y -89  
-98.15 To 132.2 %

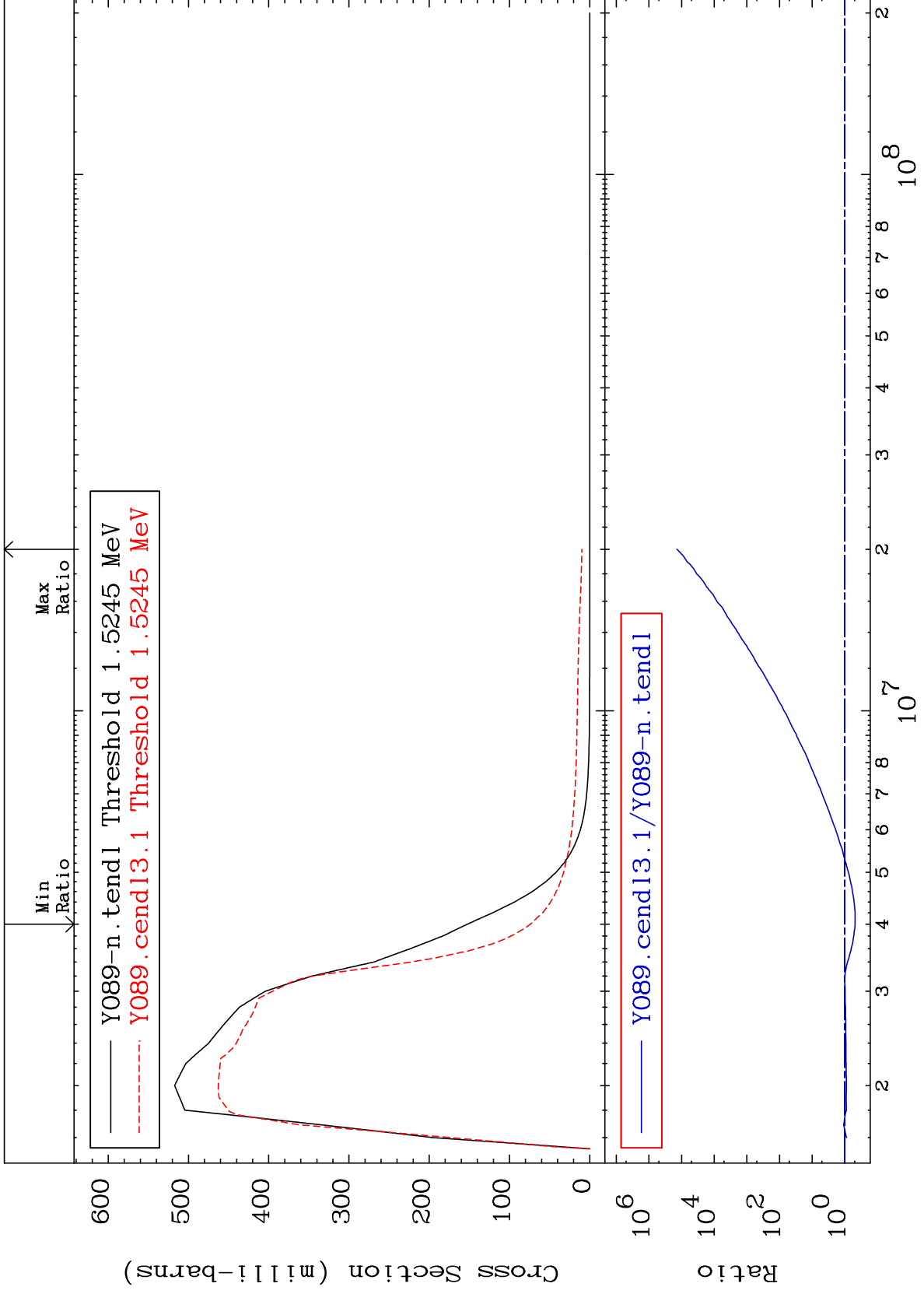


6

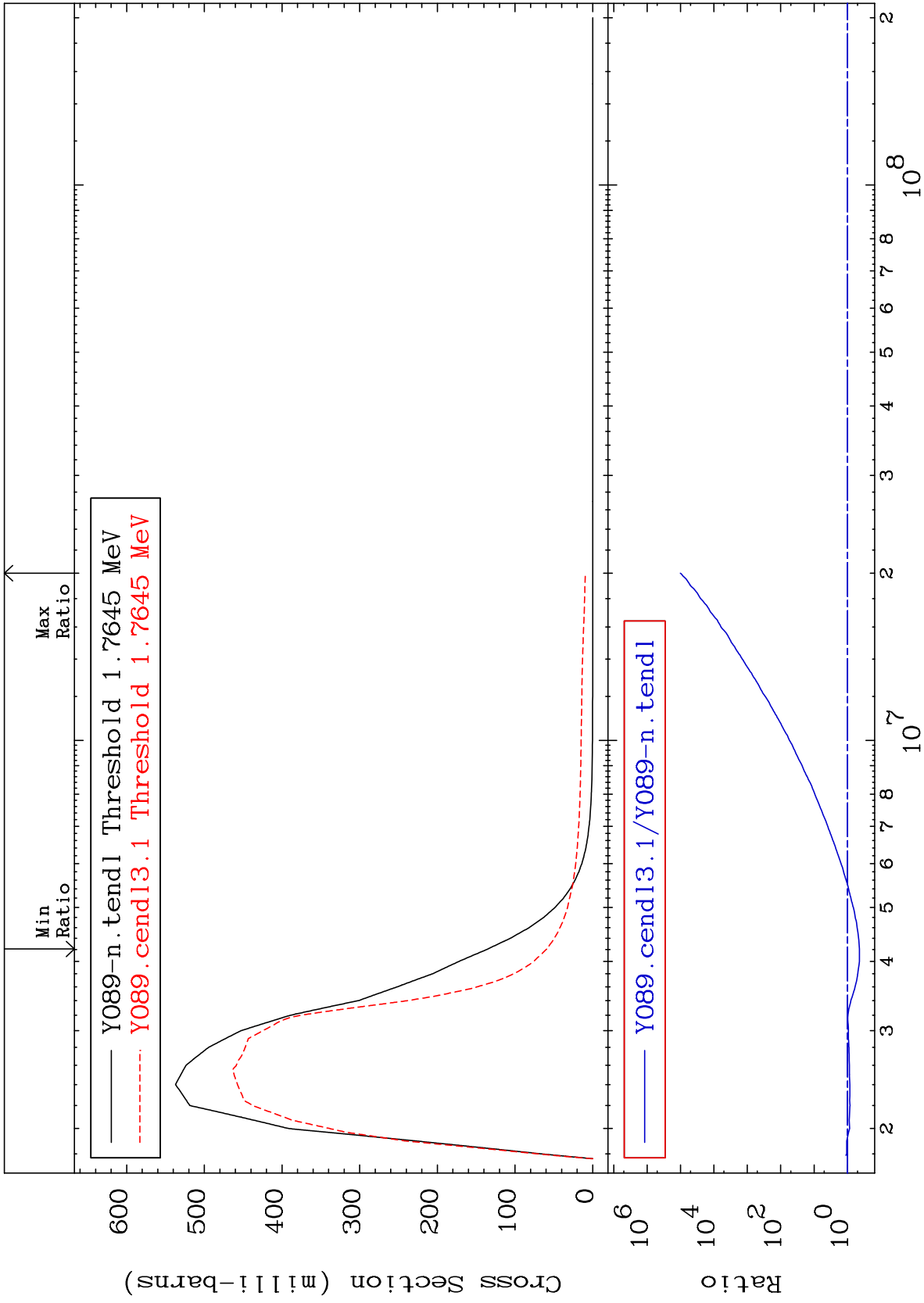
Incident Energy (eV)

39-Y -89





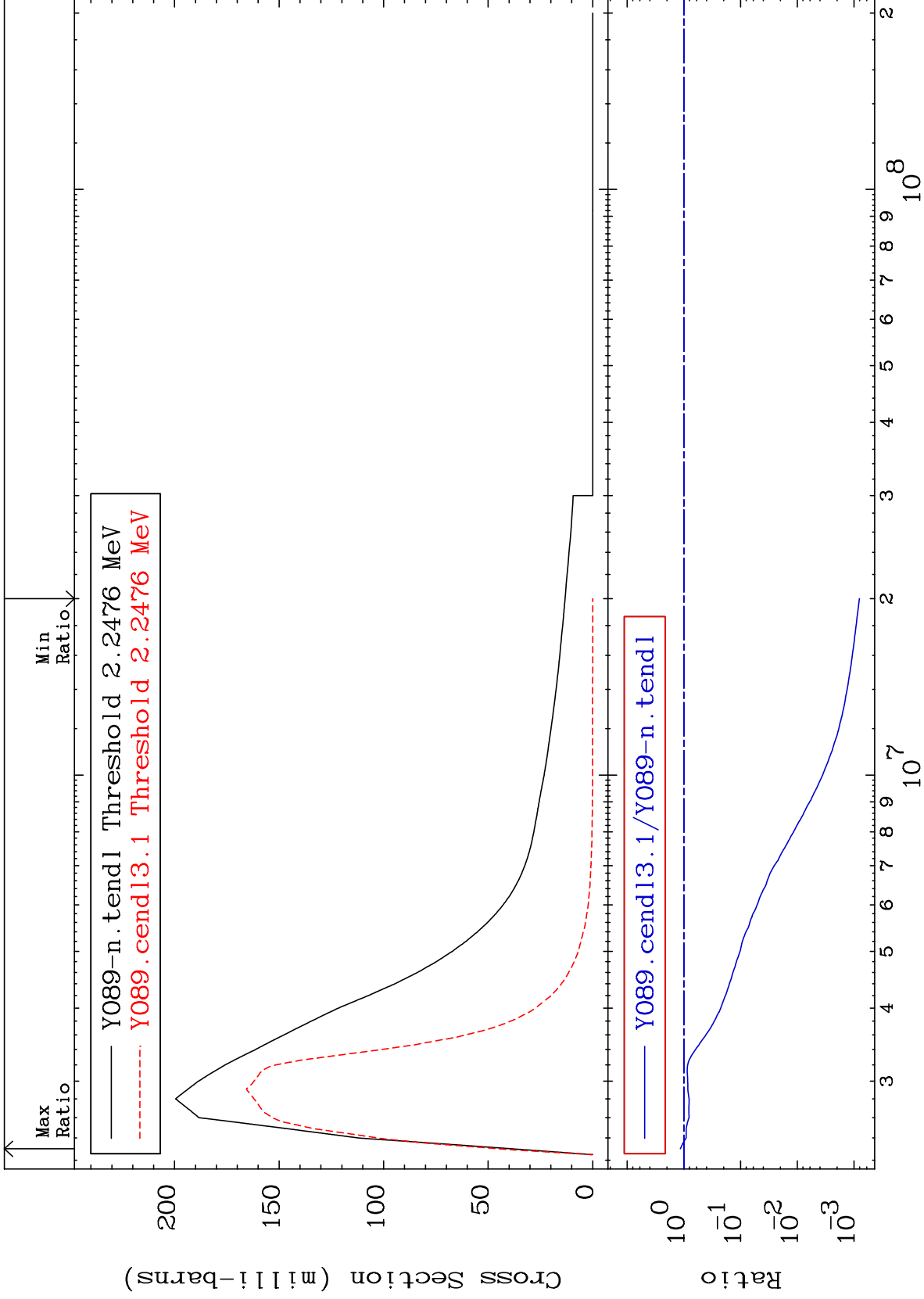




MAT 3925

2.222 MeV (n,n') Level  
Cross Section

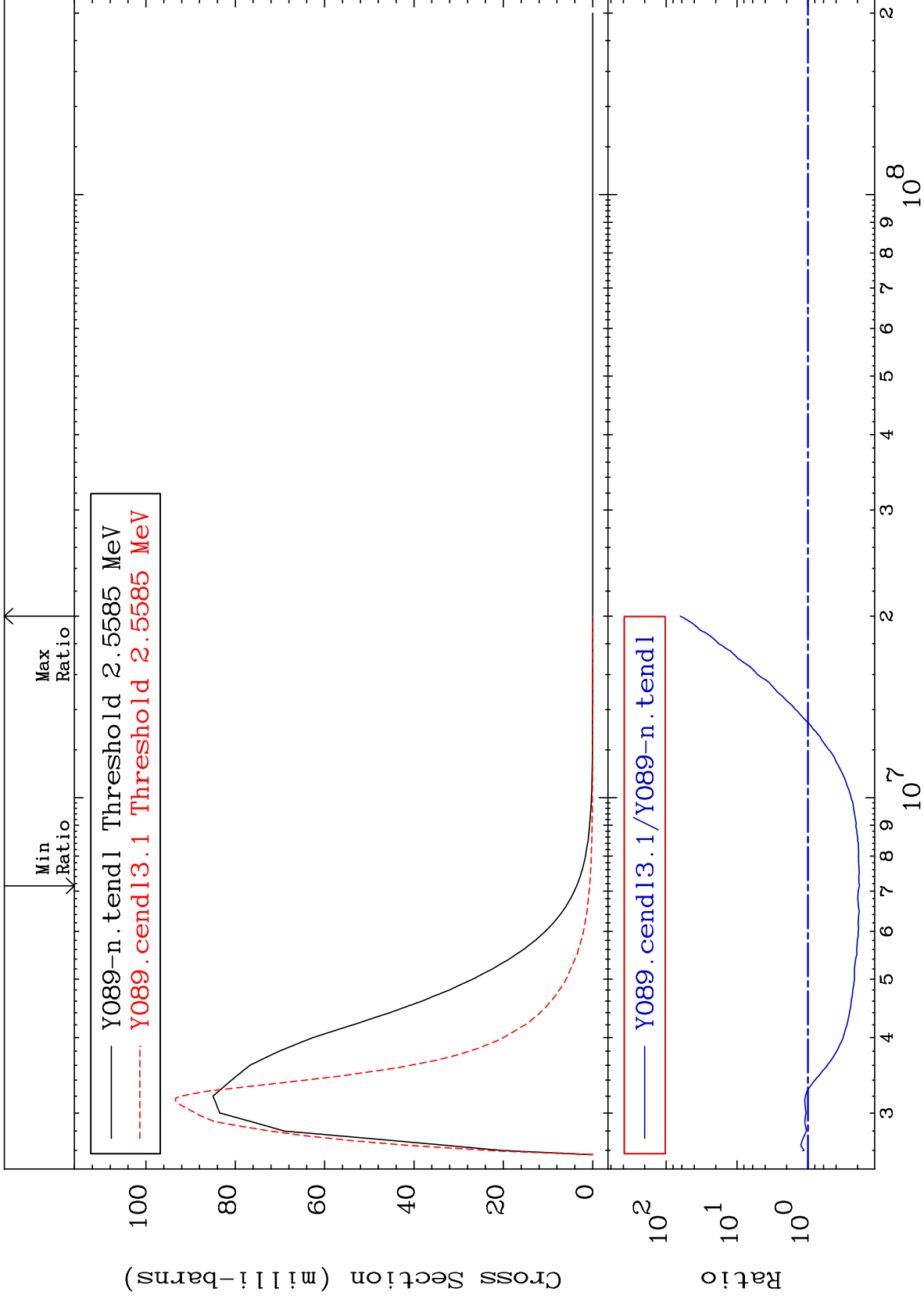
39-Y -89  
-99.92 To 15.68 %

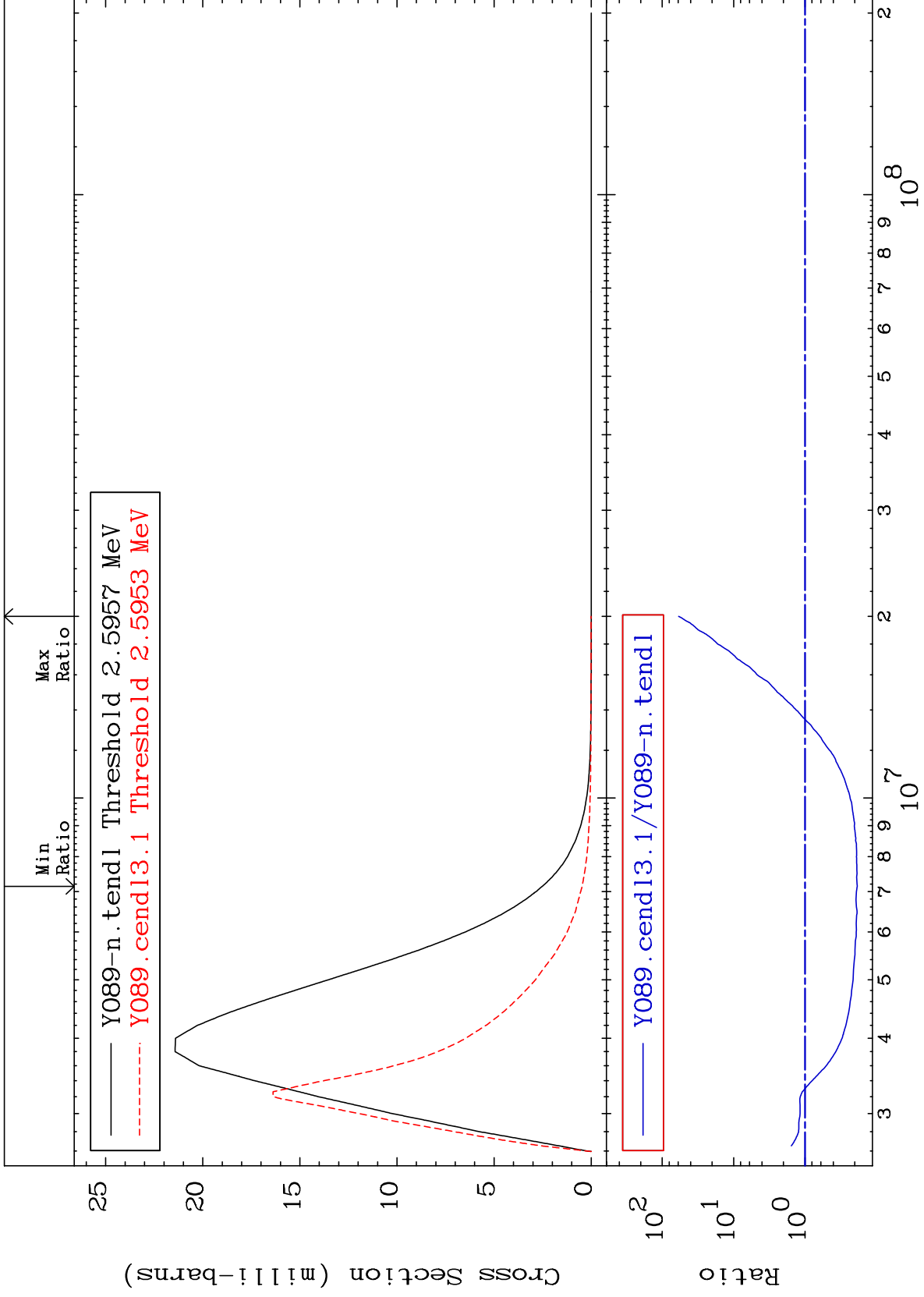


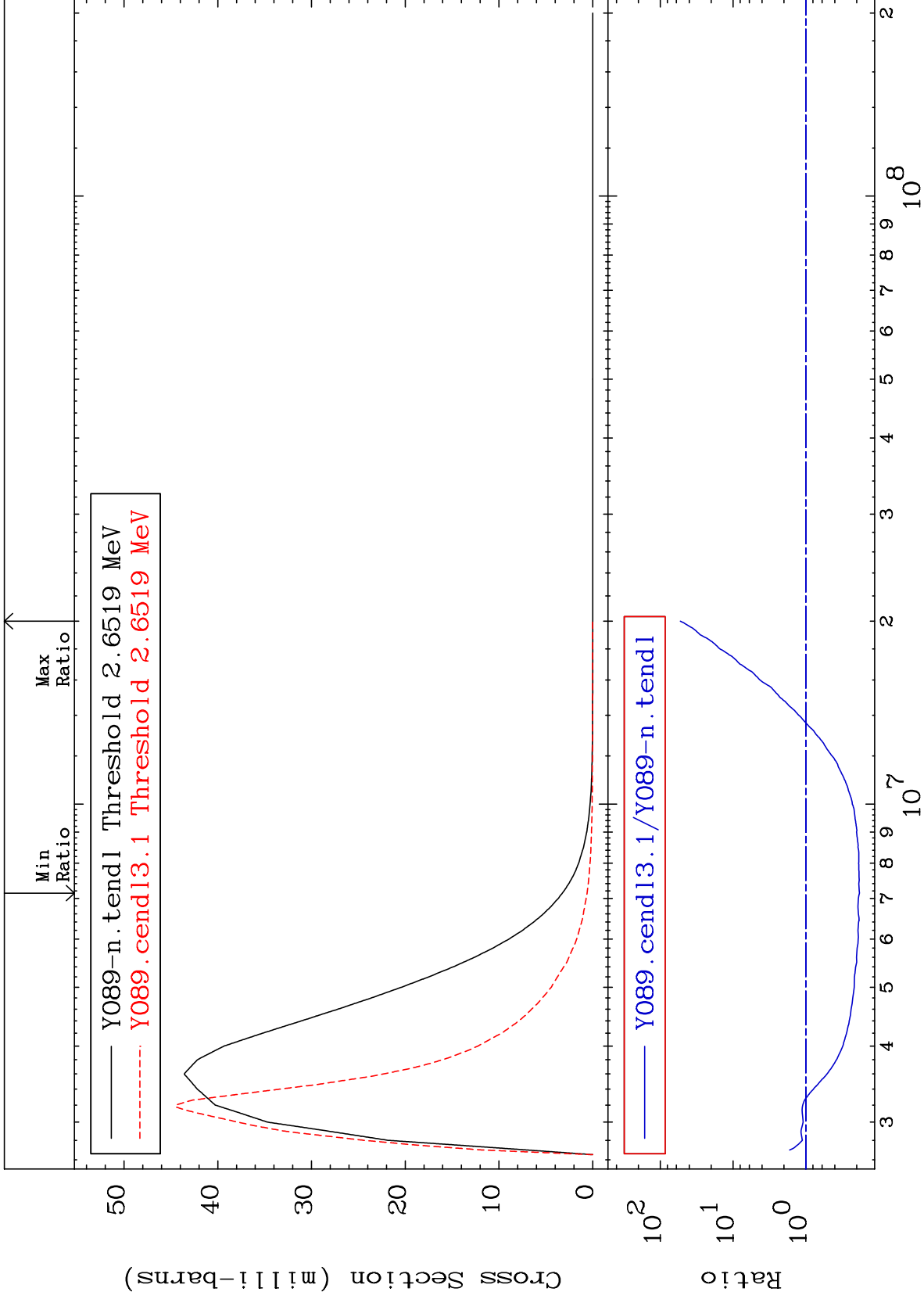
10

Incident Energy (eV)

39-Y -89



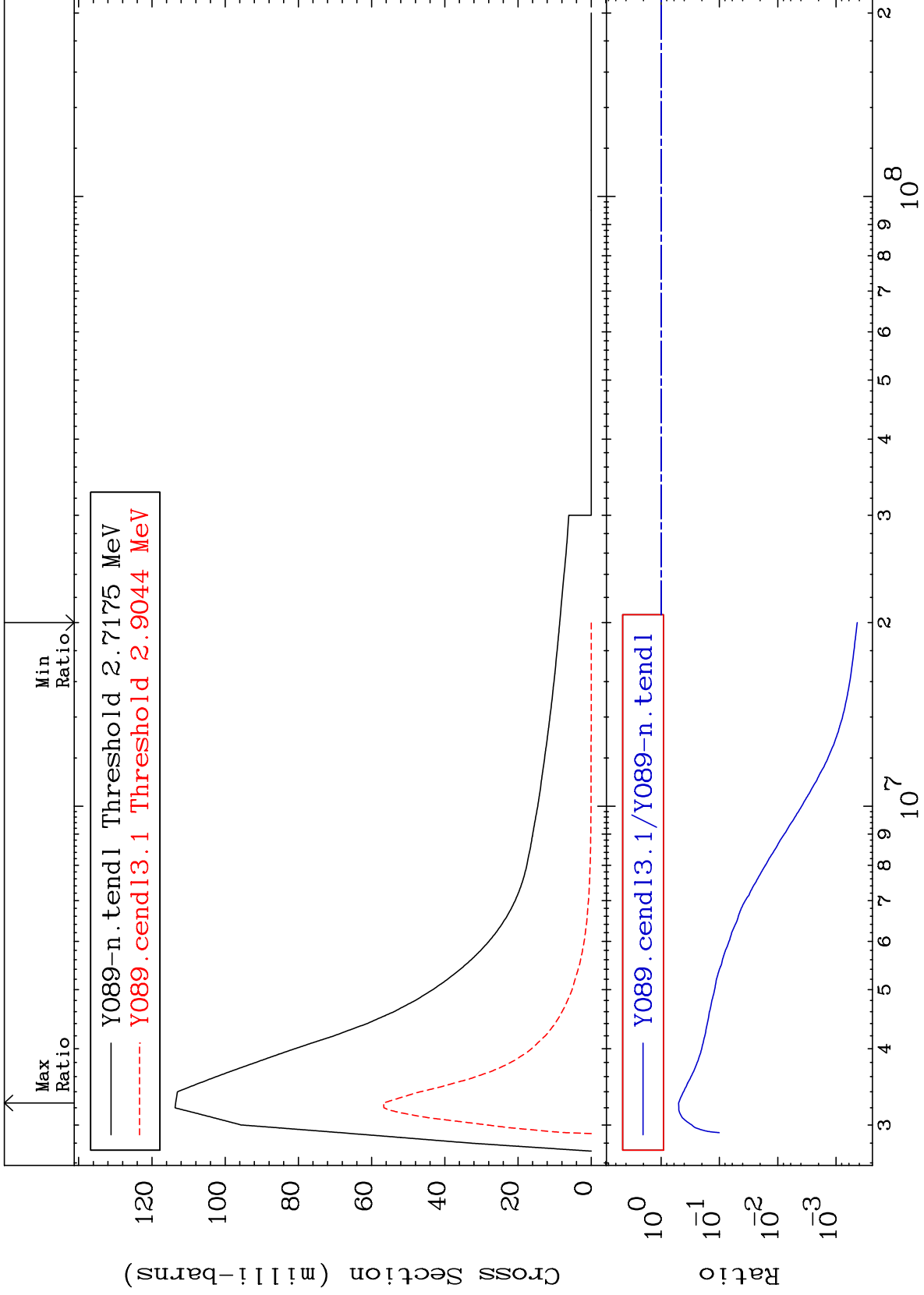




MAT 3925

2.687 MeV (n,n') Level  
Cross Section

39-Y -89  
-99.96 To -50.00%



14

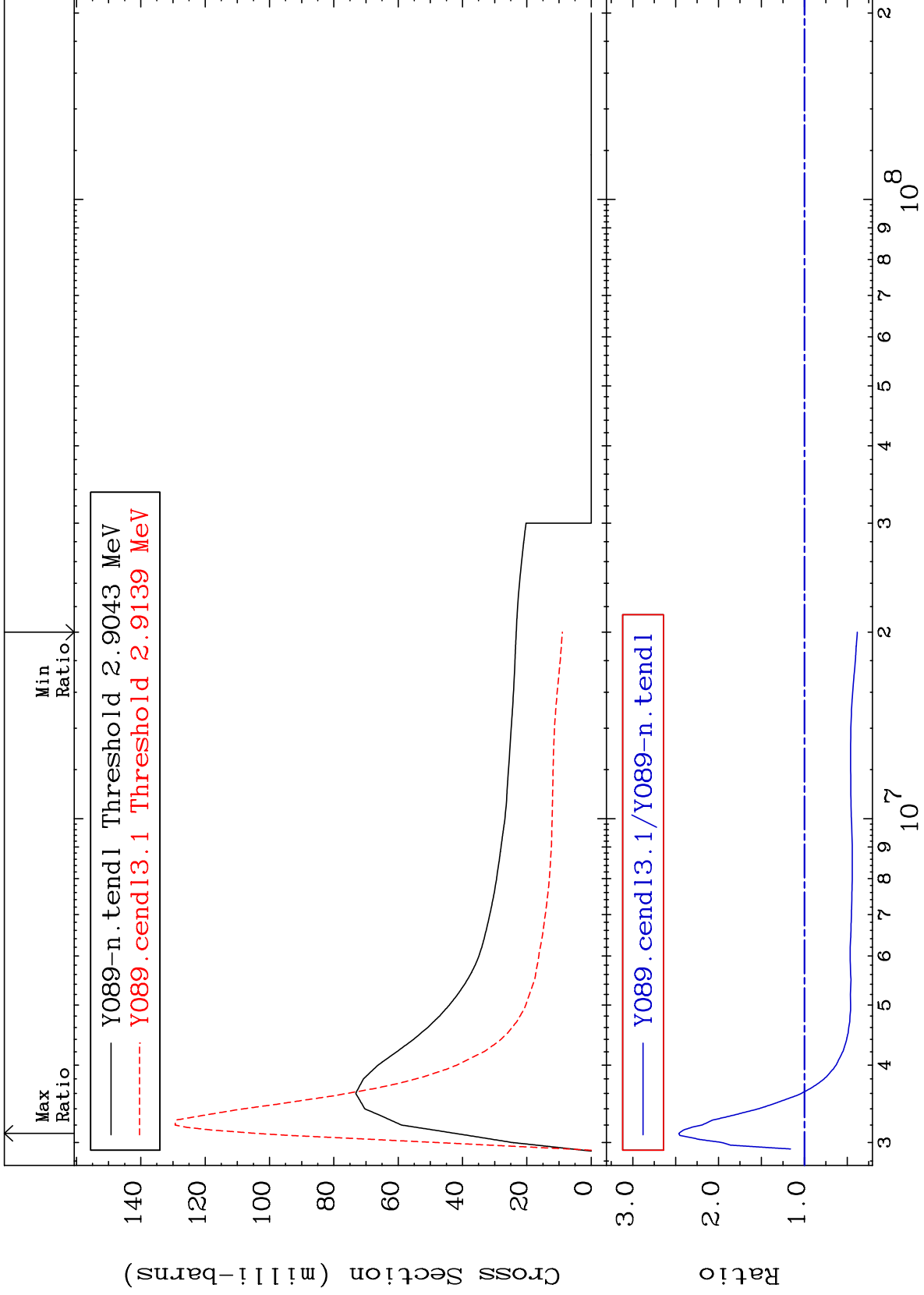
Incident Energy (eV)

39-Y -89

MAT 3925

2.872 MeV (n,n') Level  
Cross Section

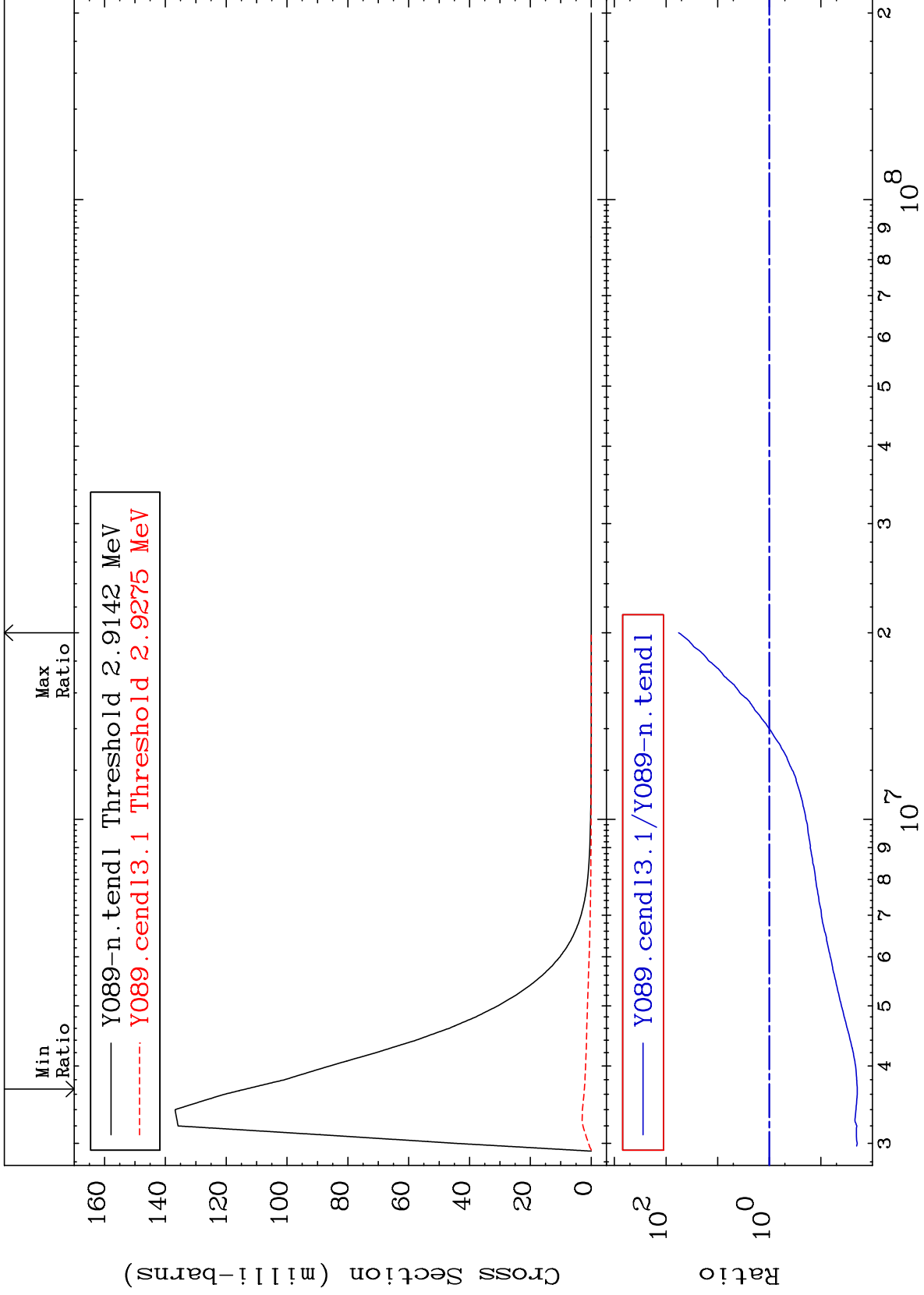
39-Y -89  
-61.62 To 146.5 %



15

Incident Energy (eV)

39-Y -89

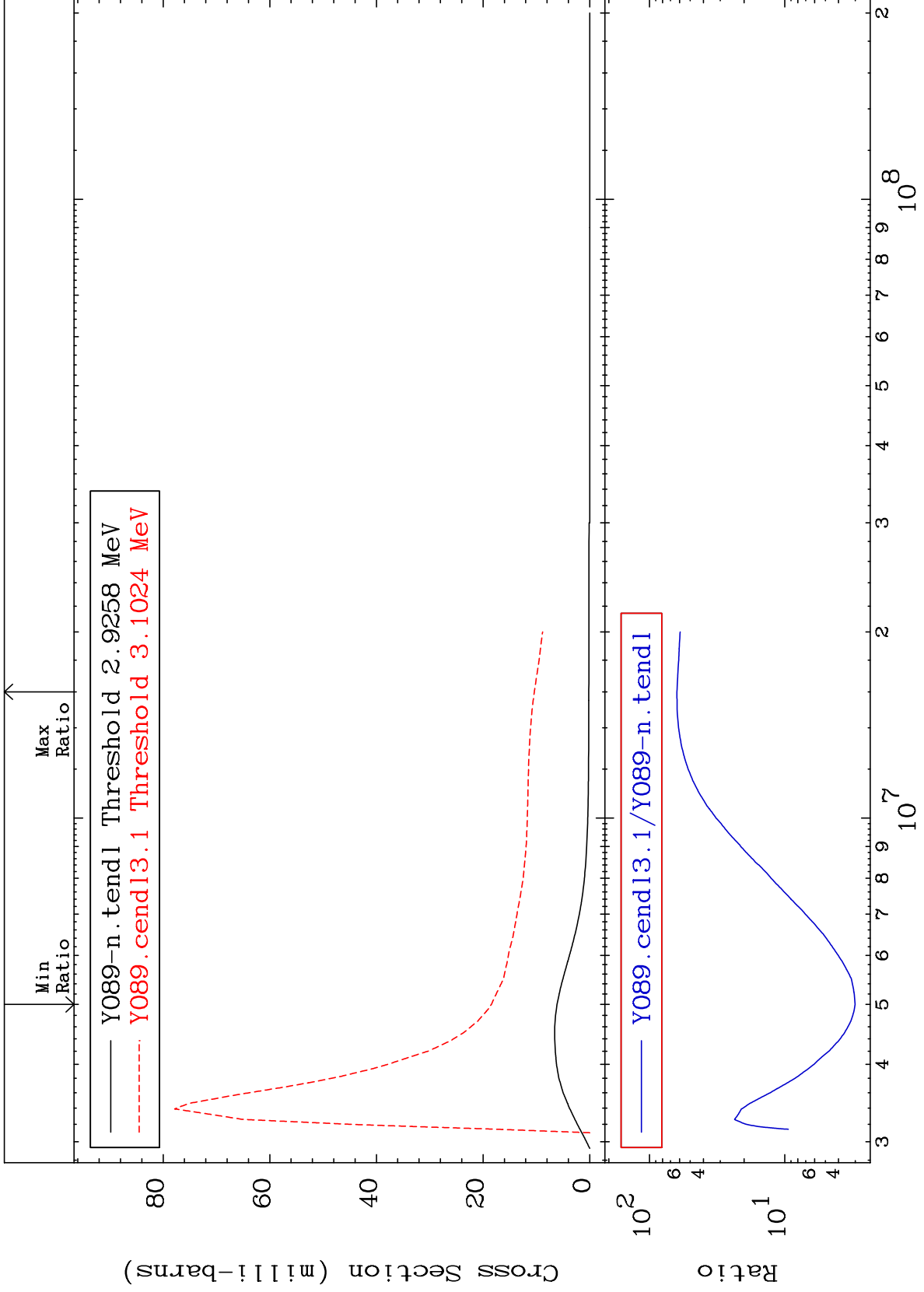




MAT 3925

2.893 MeV (n,n') Level  
Cross Section

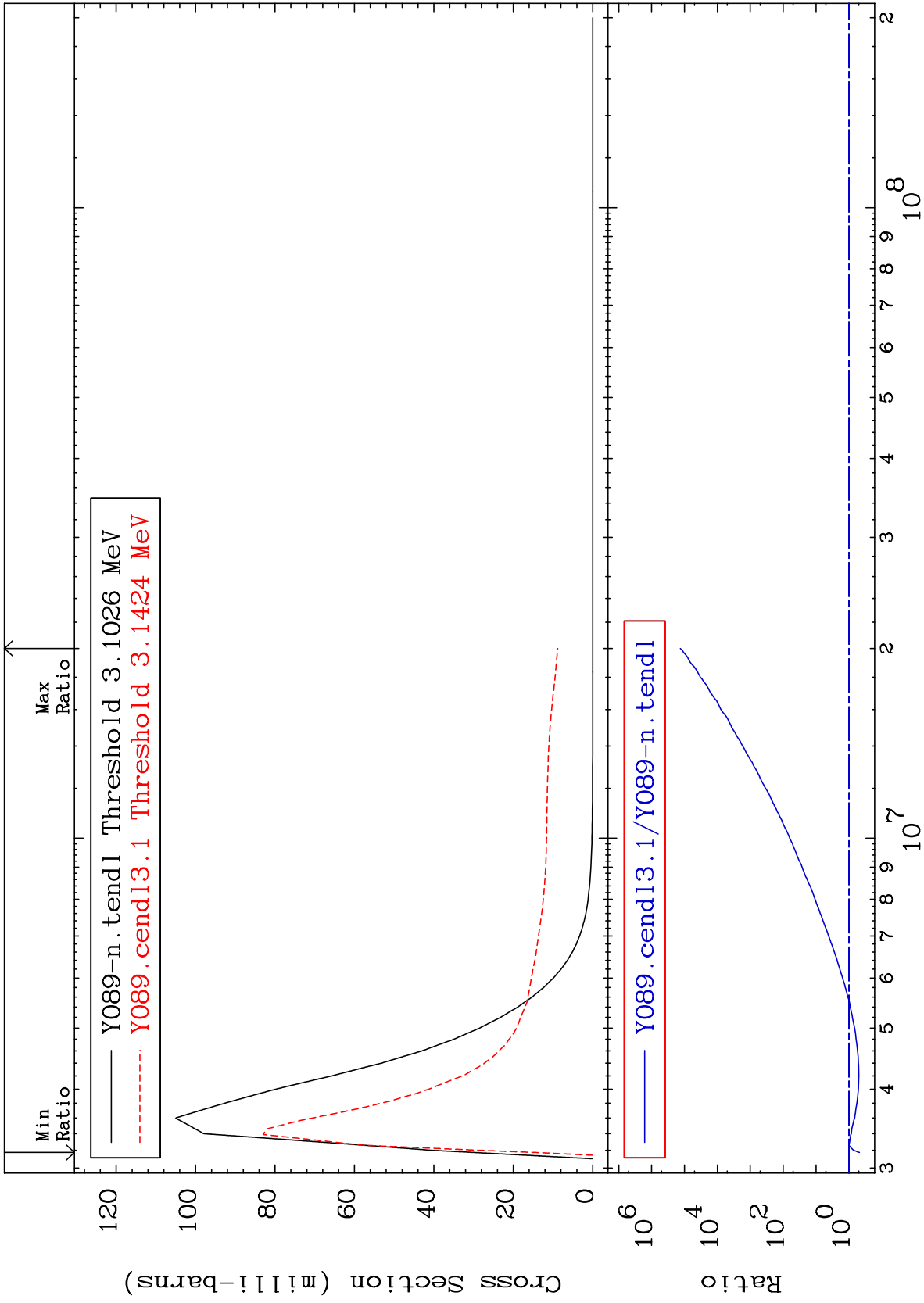
39-Y -89  
201.6 To 6173. %

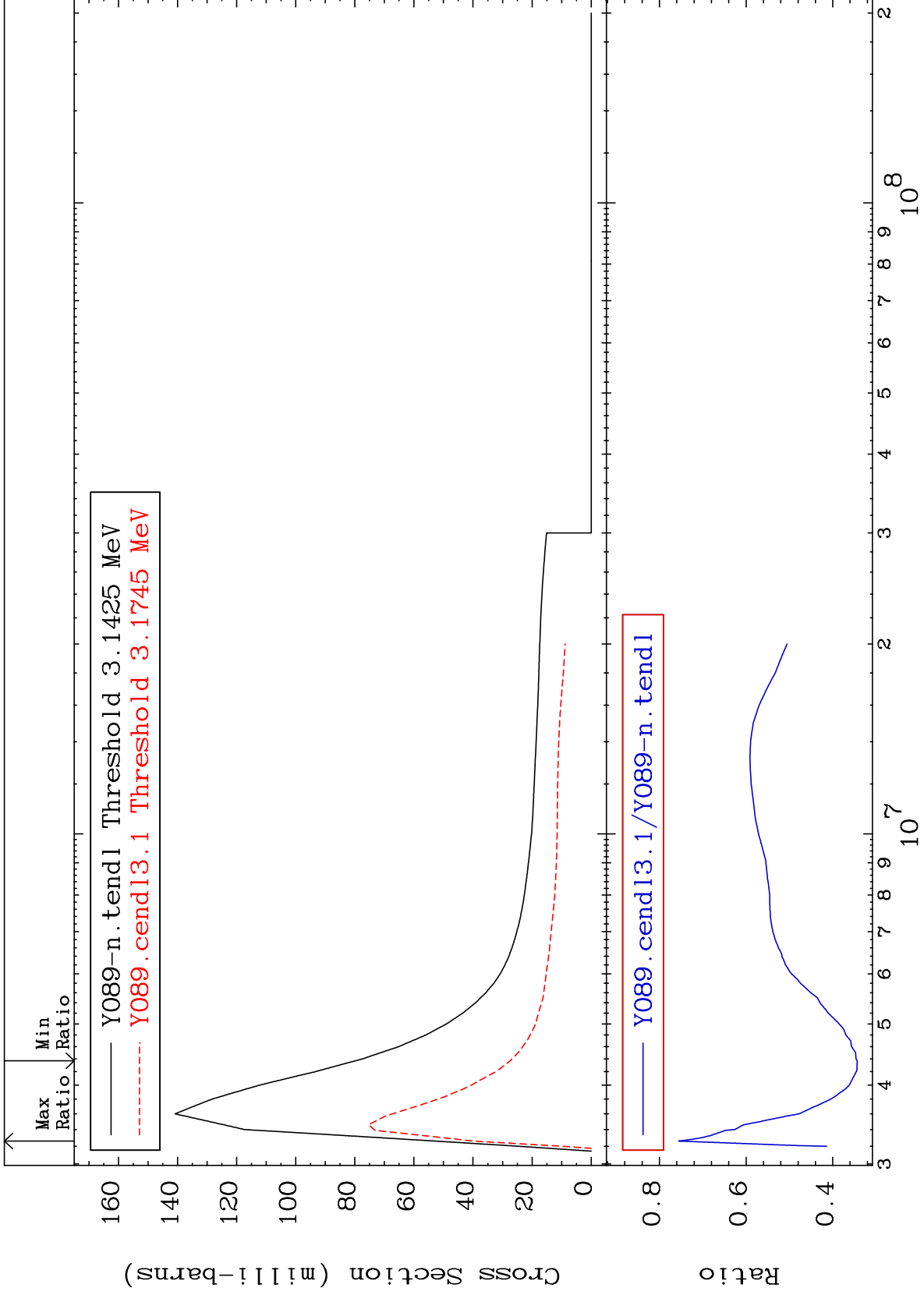


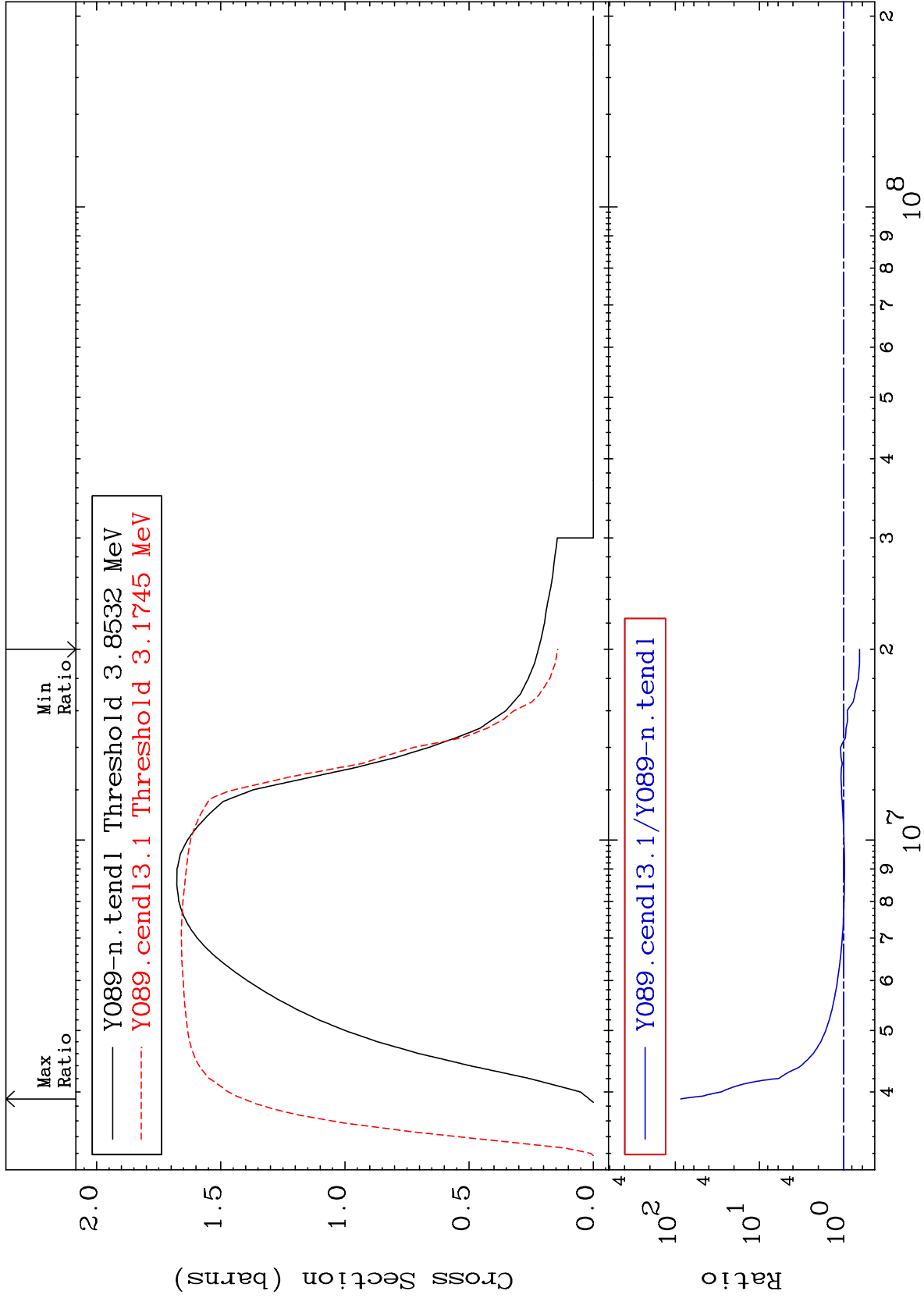
17

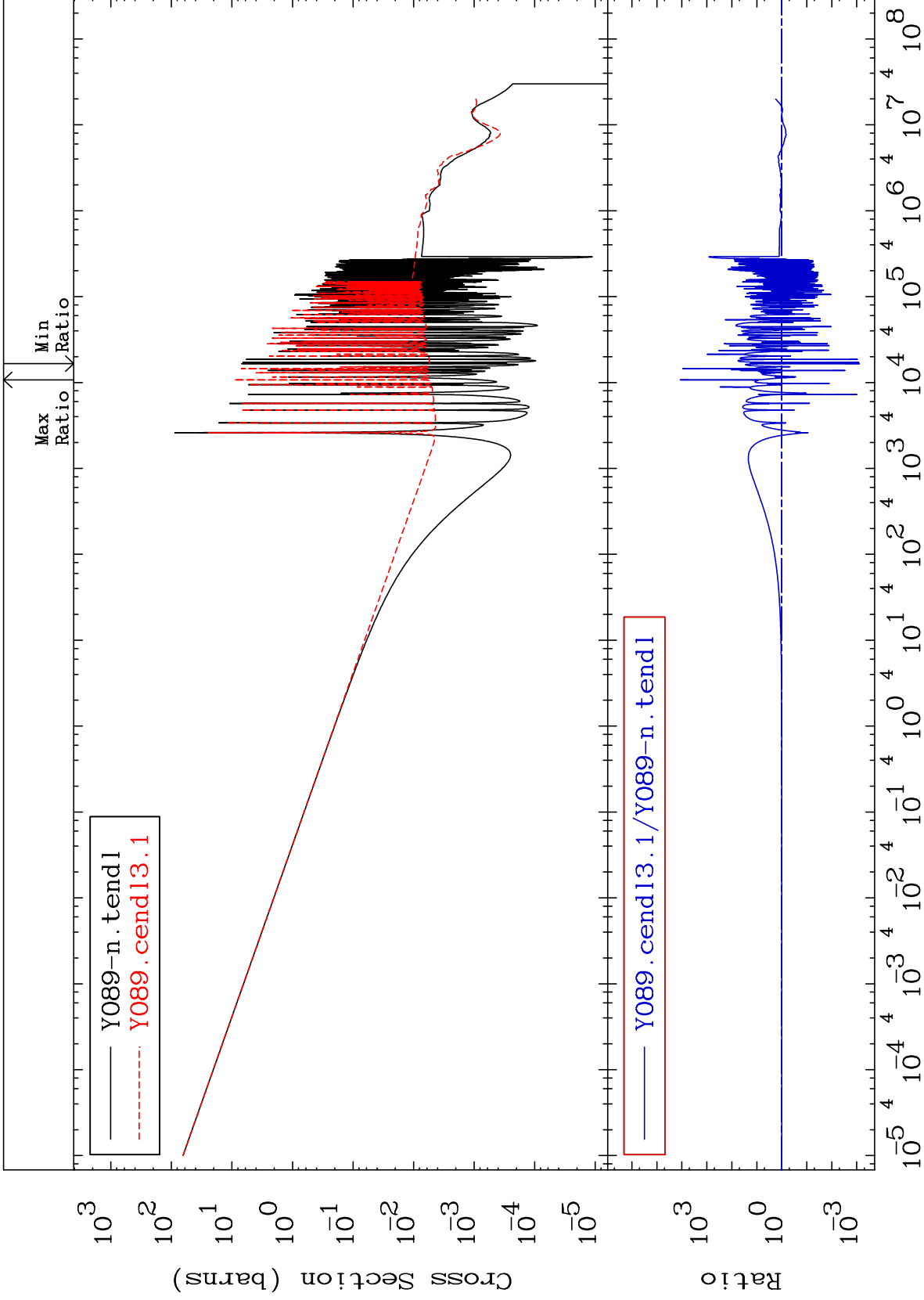
Incident Energy (eV)

39-Y -89





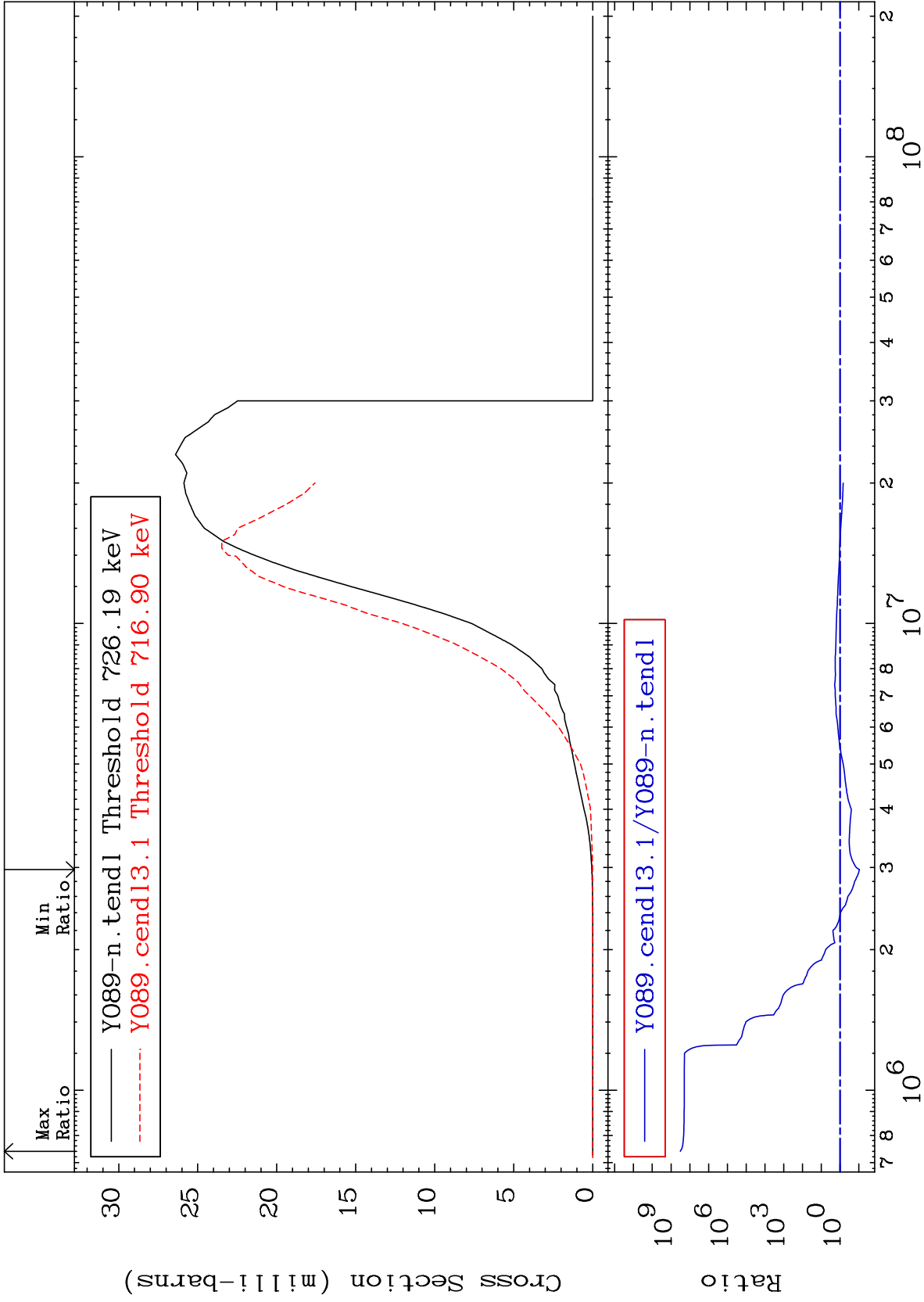




MAT 3925

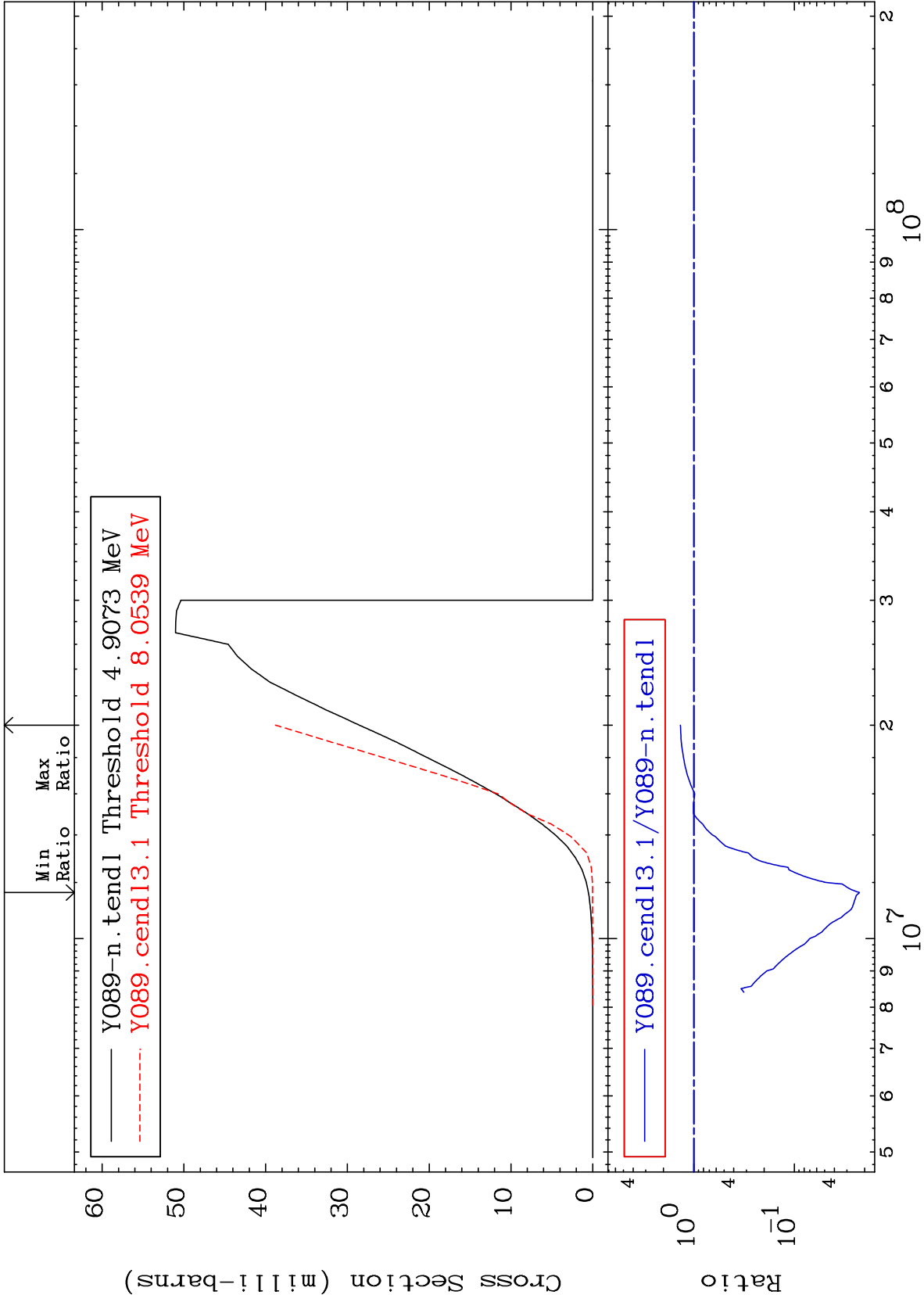
(n,p)  
Cross Section

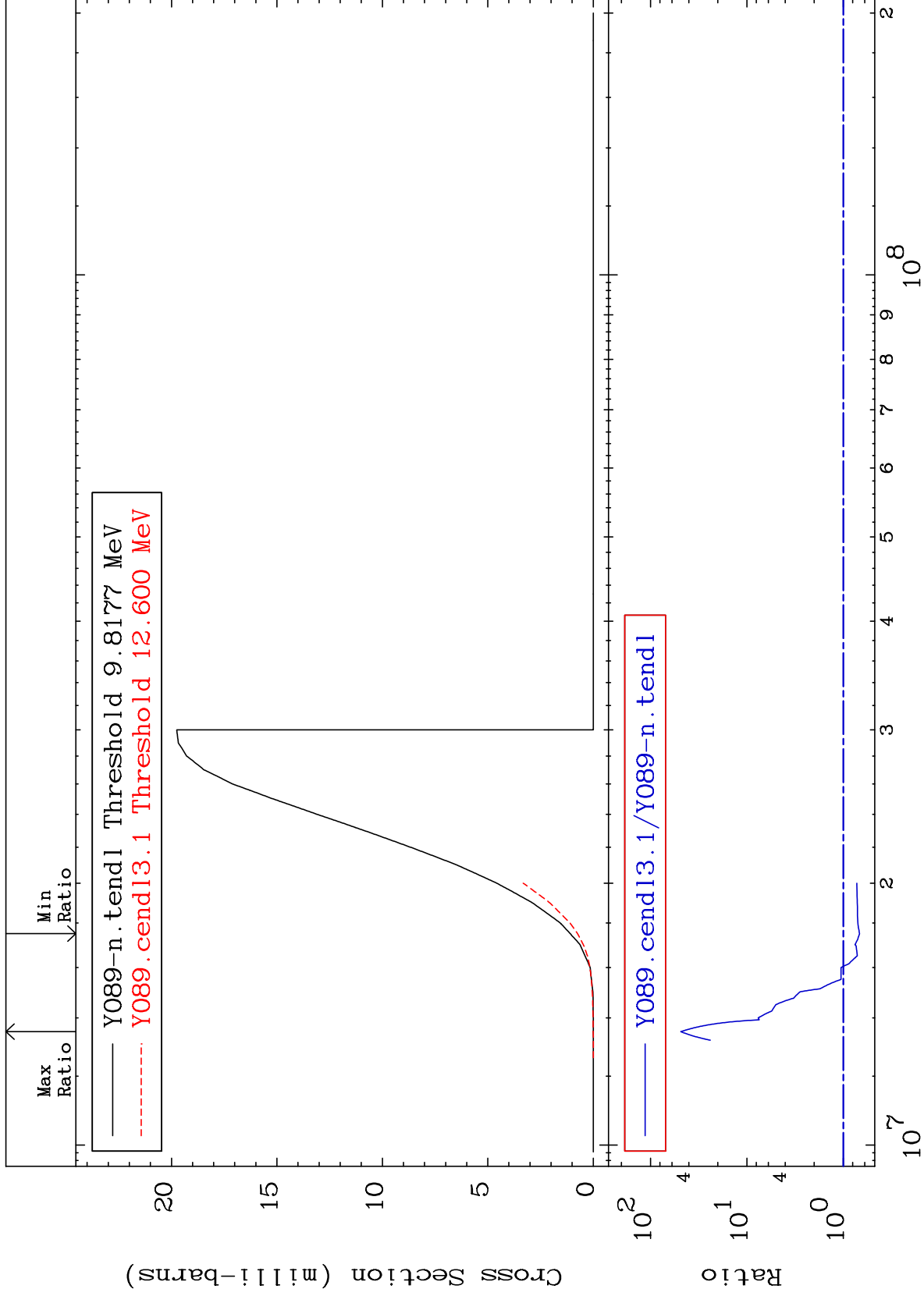
39-Y -89  
-90.76 To 9999. %



Cross Section

-97.75 To 35.94 %

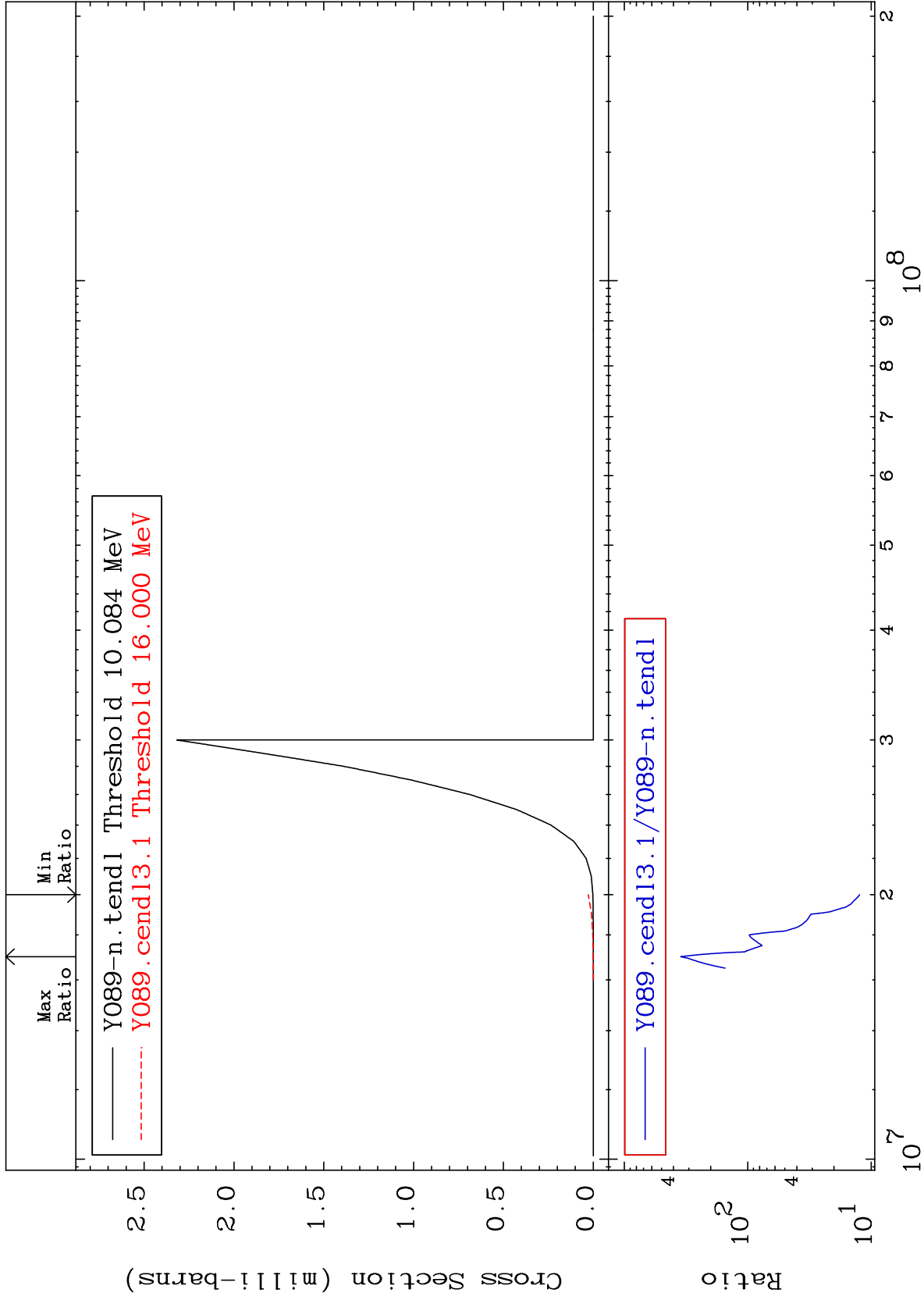






Cross Section

1141. To 9999. %

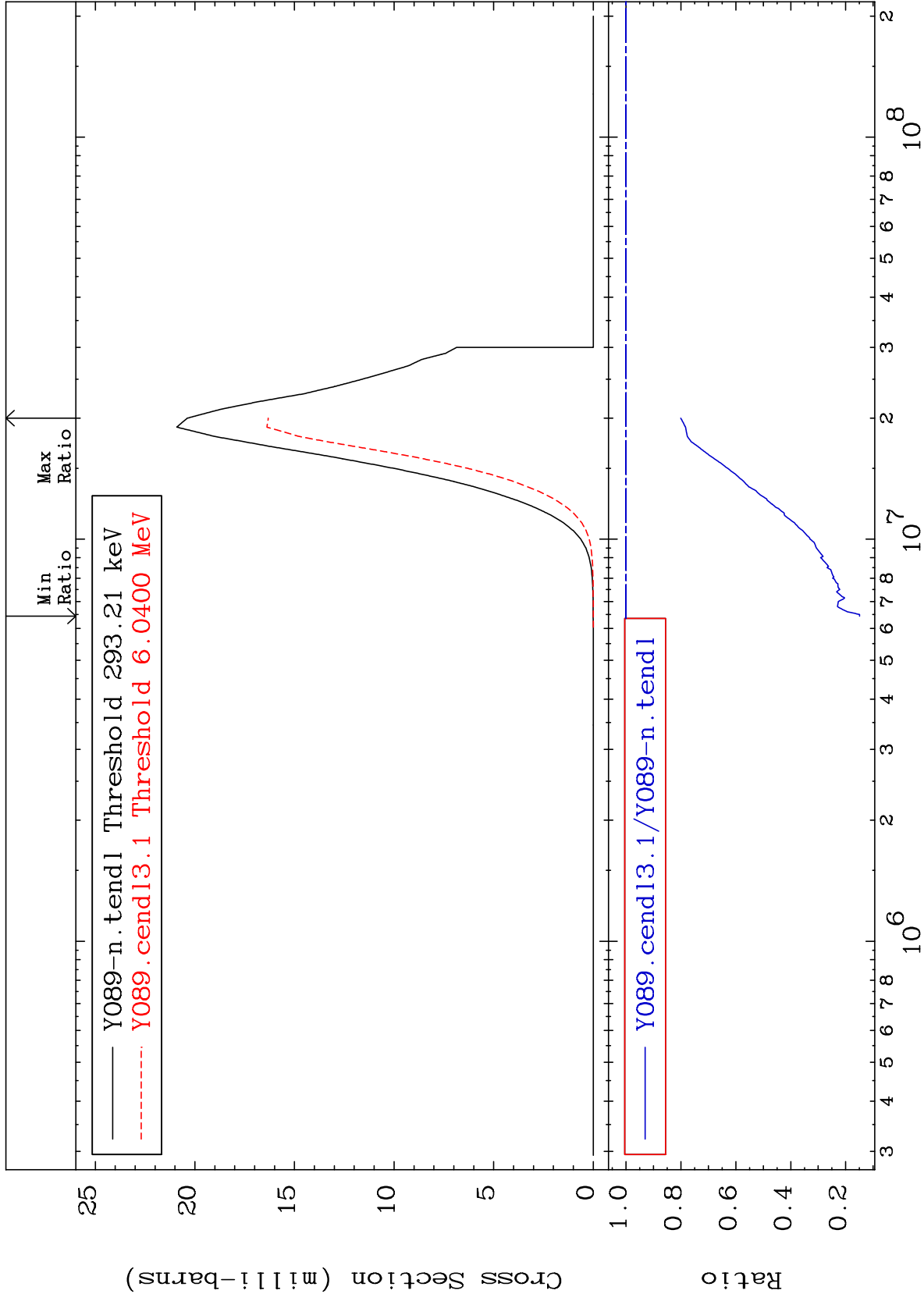


MAT 3925

(n,  $\alpha$ )  
Cross Section

39-Y -89

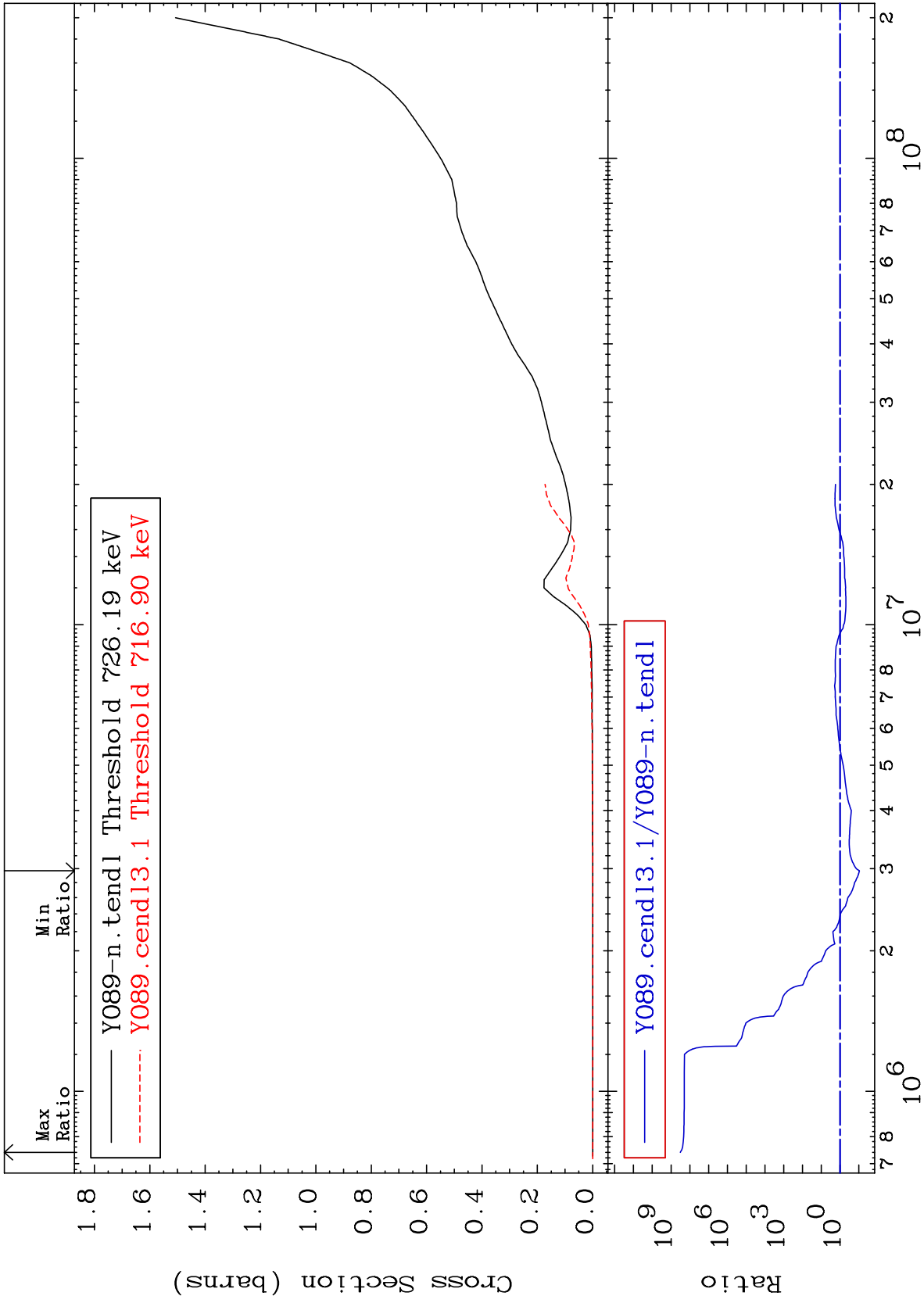
-85.06 To -19.94%

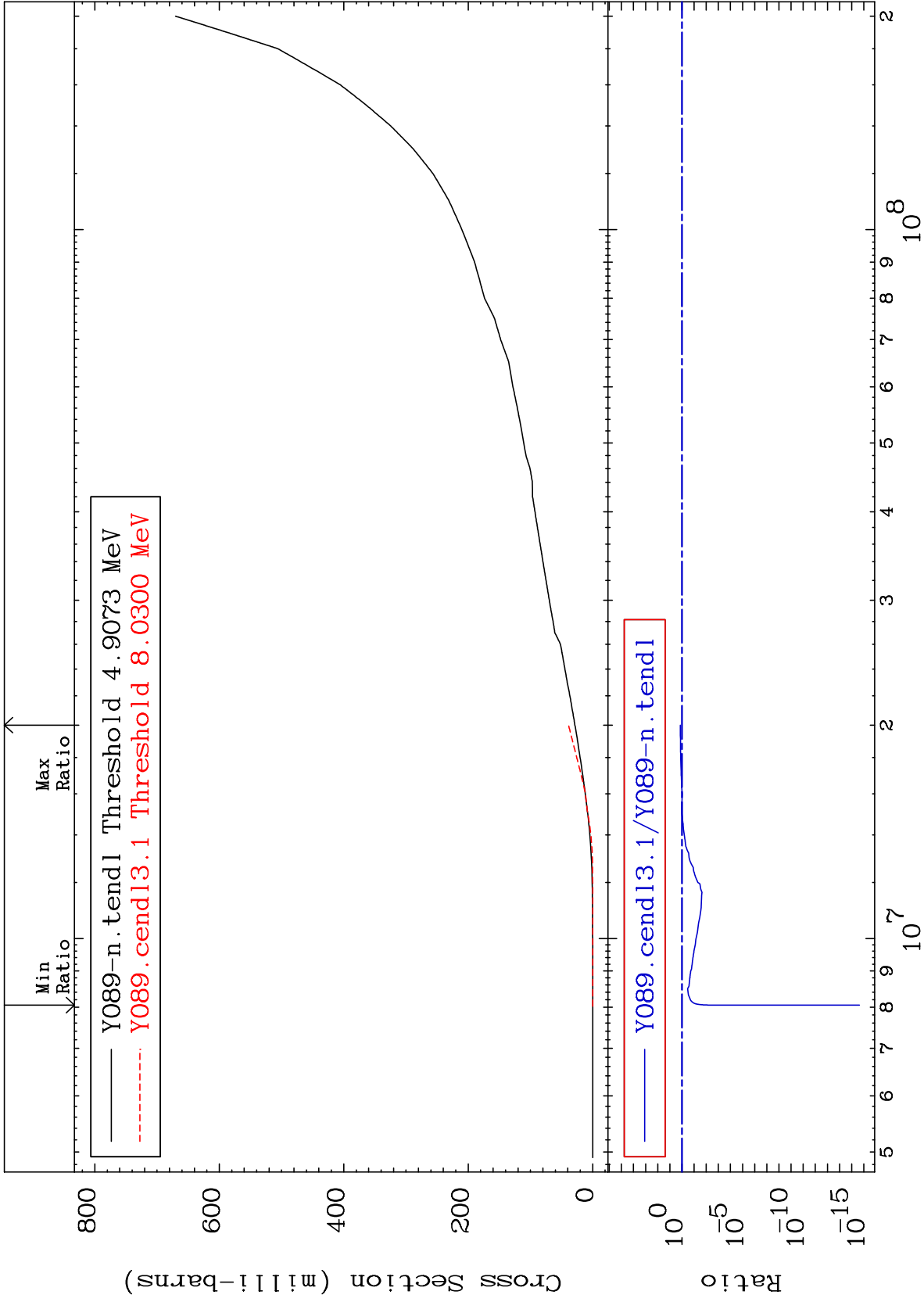


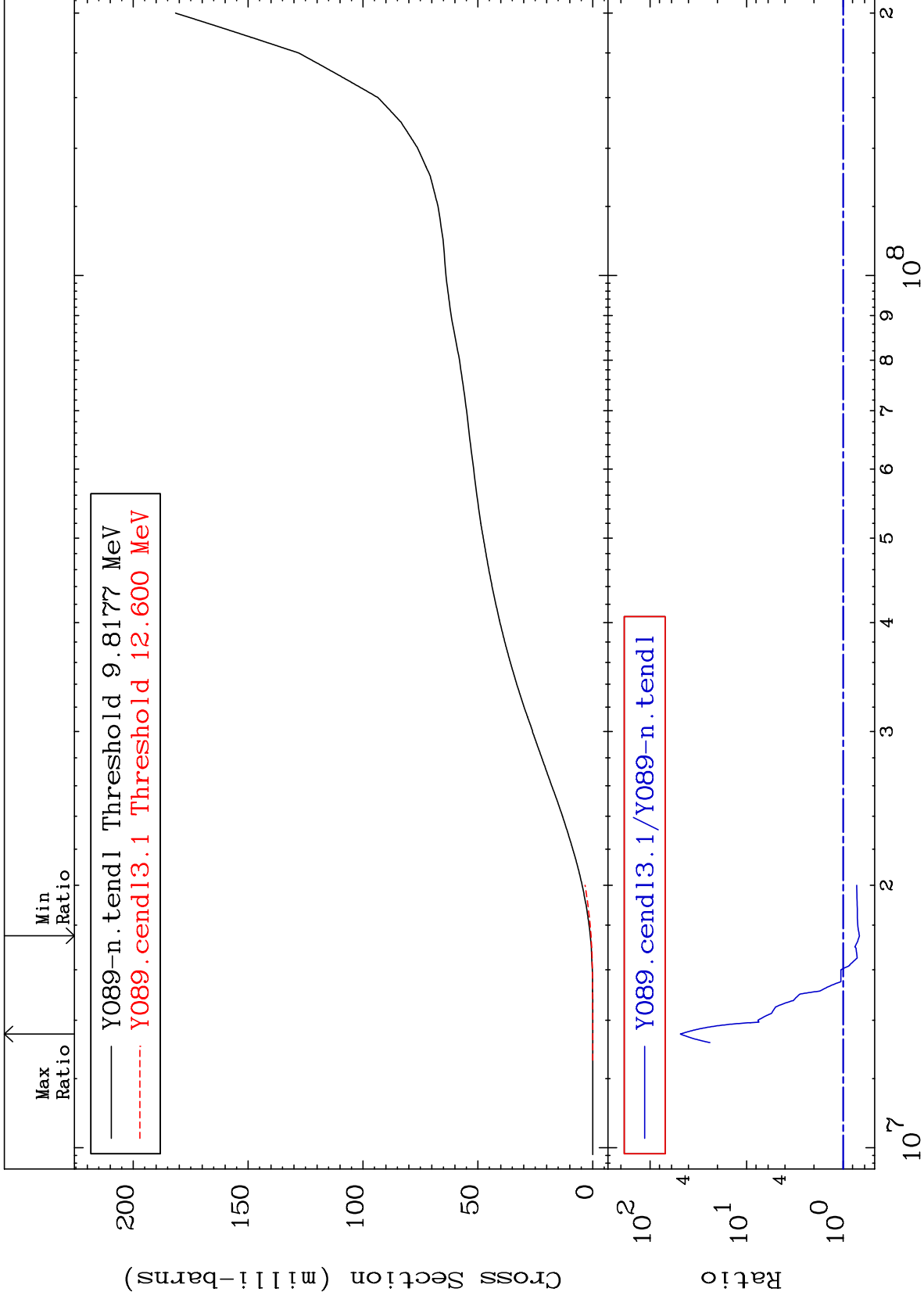
26

Incident Energy (eV)

39-Y -89



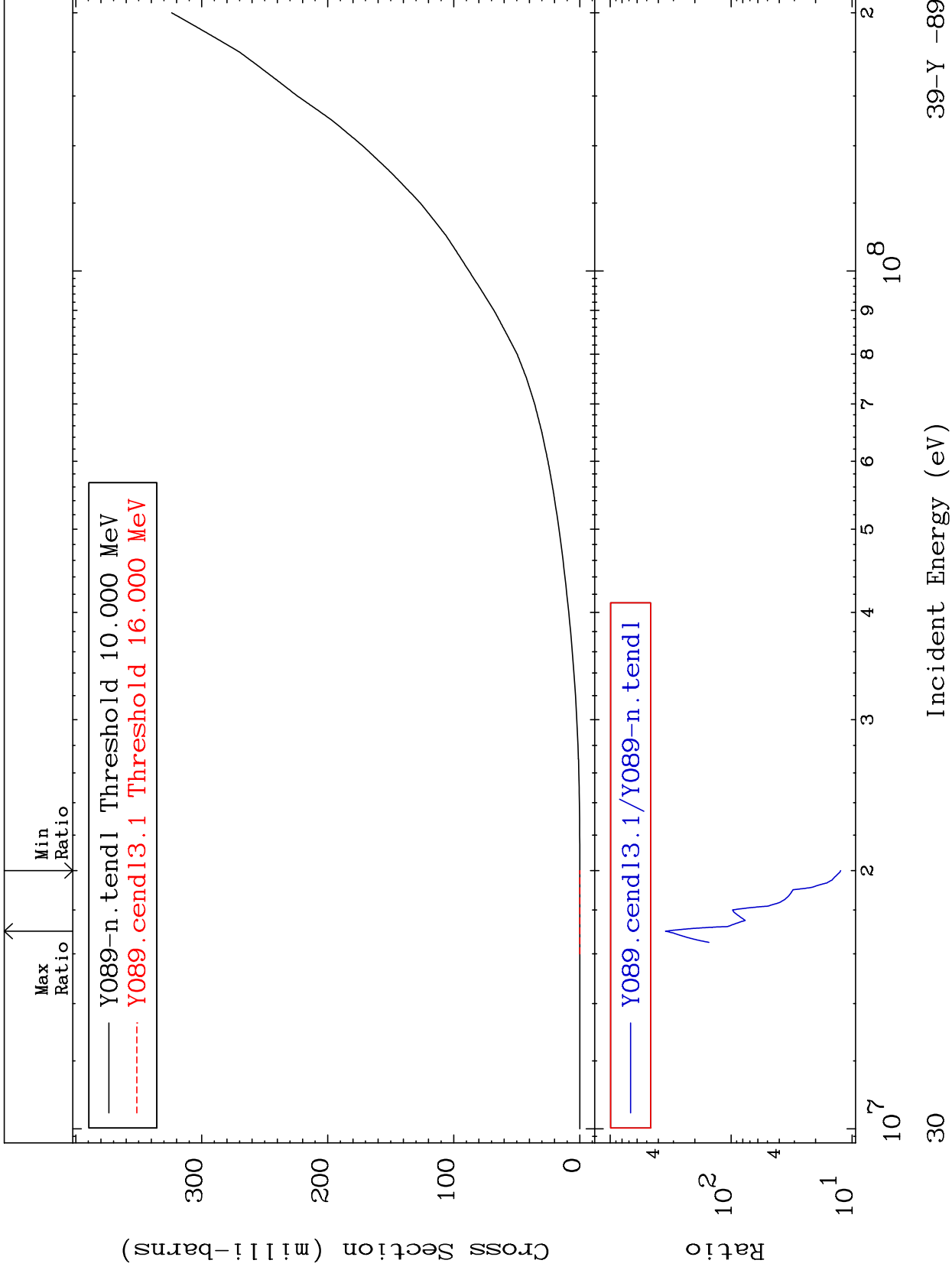




MAT 3925

He-3 Production  
Cross Section

39-Y -89  
1141. To 9999. %



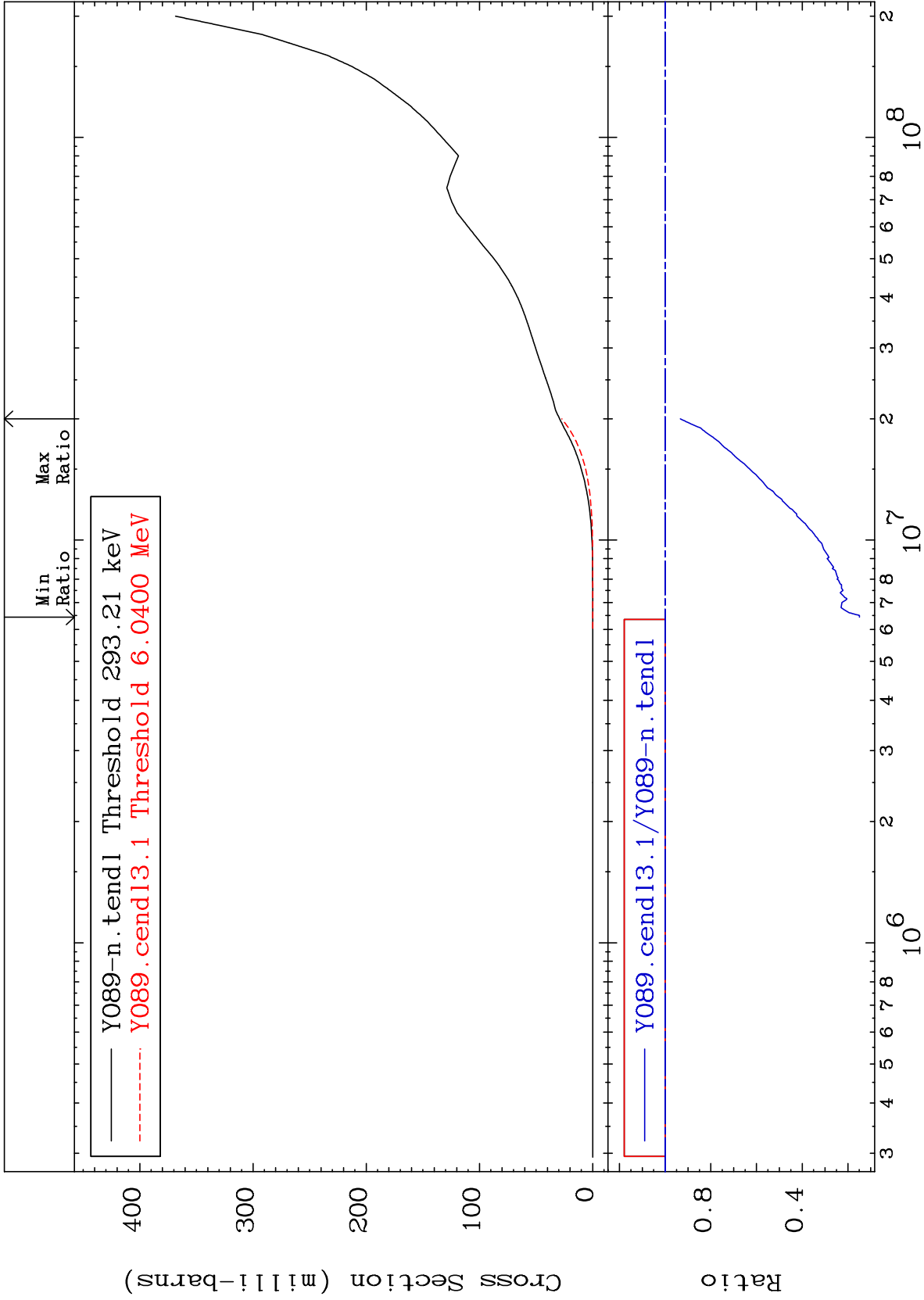
39-Y -89

Incident Energy (eV)

MAT 3925

He-4 Production  
Cross Section

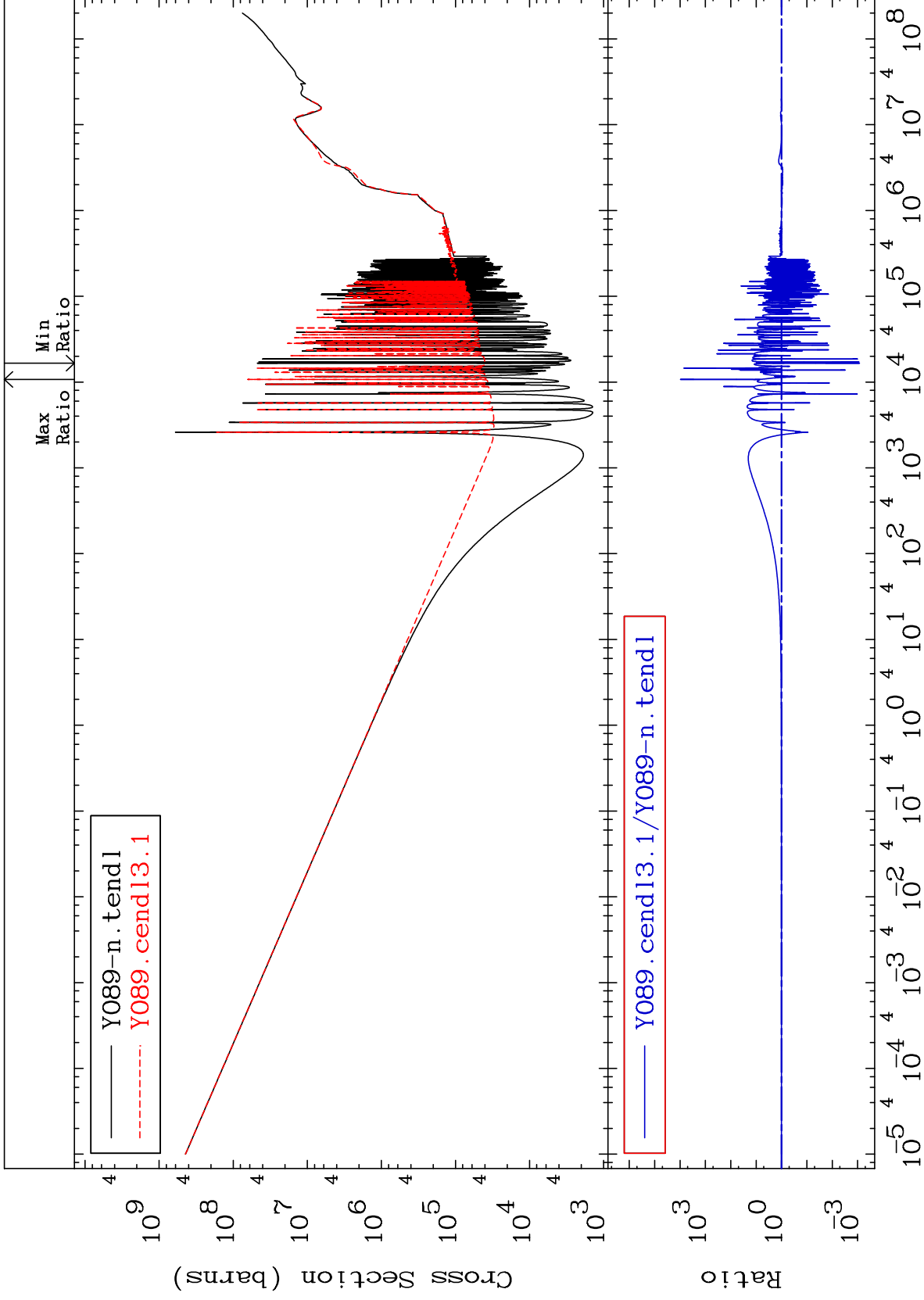
39-Y -89  
-85.06 To -6.660%



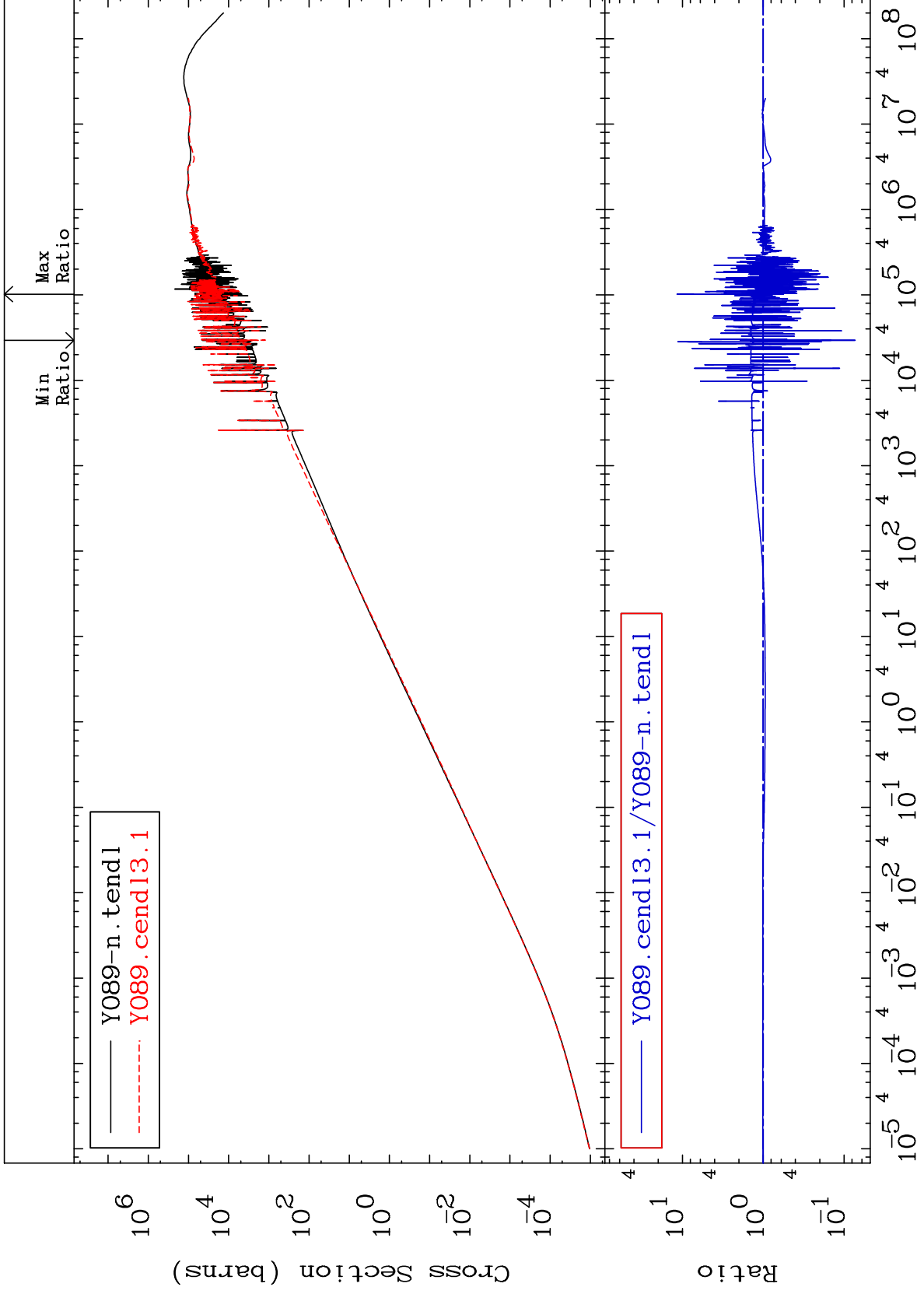
31

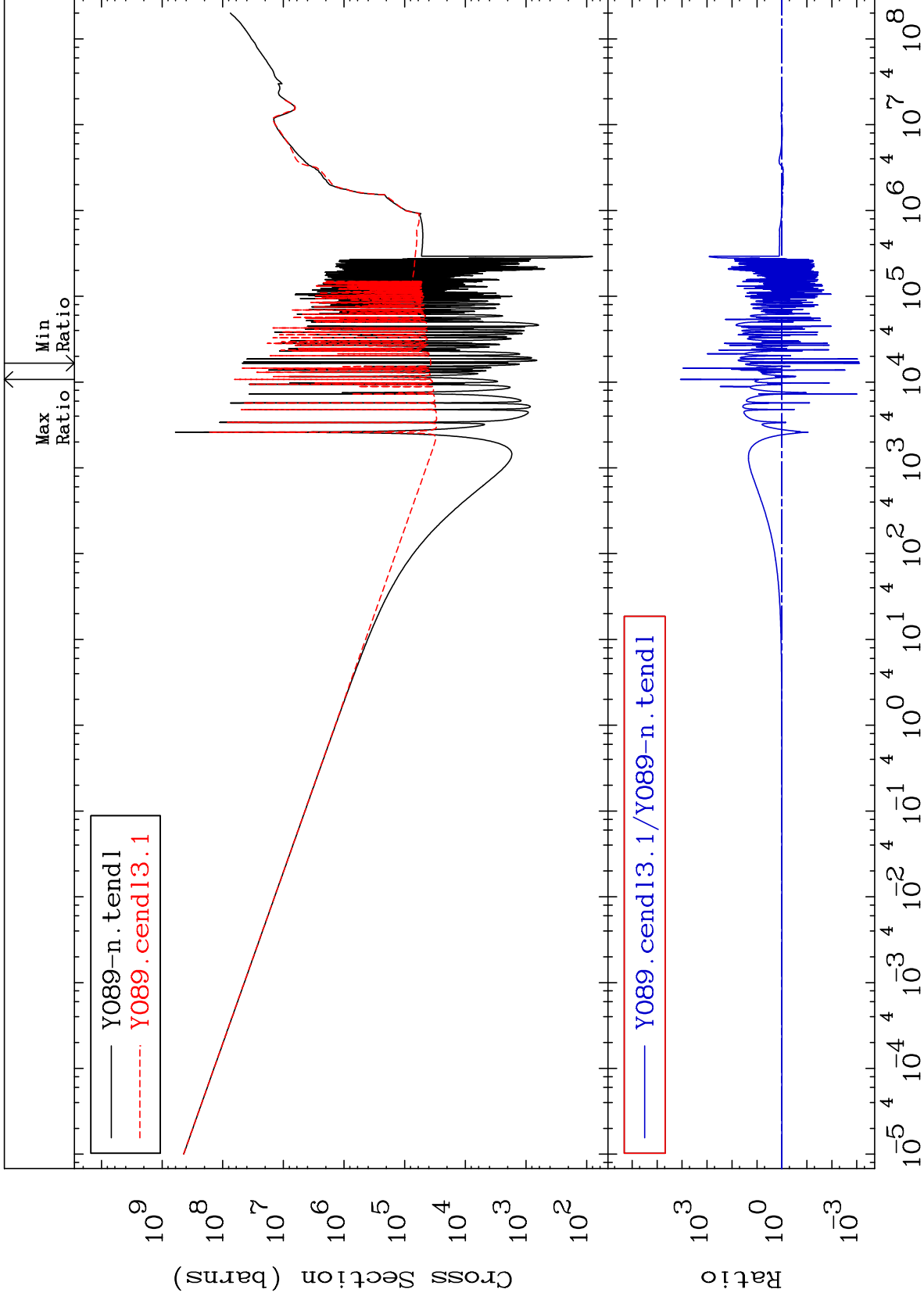
Incident Energy (eV)

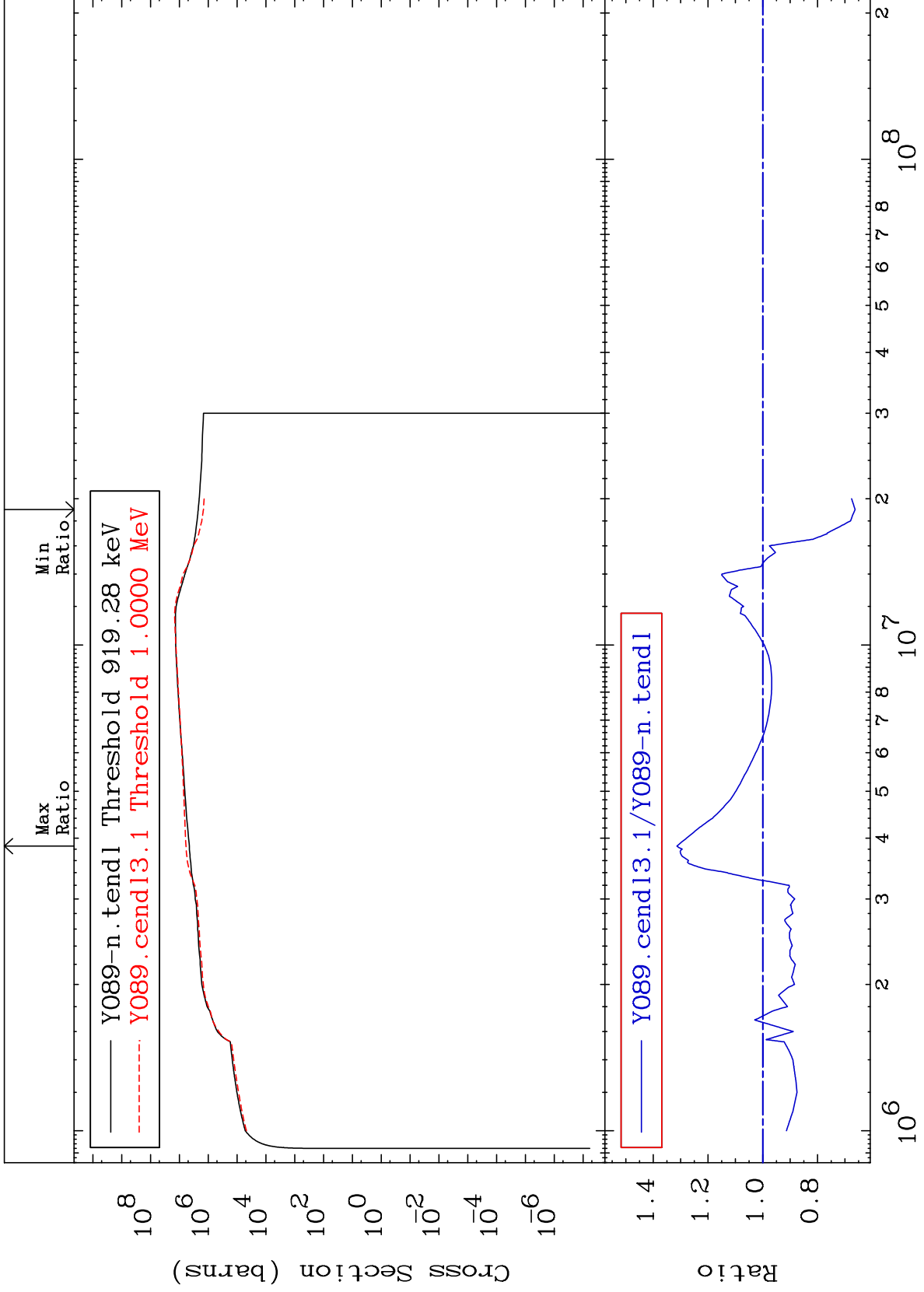
39-Y -89

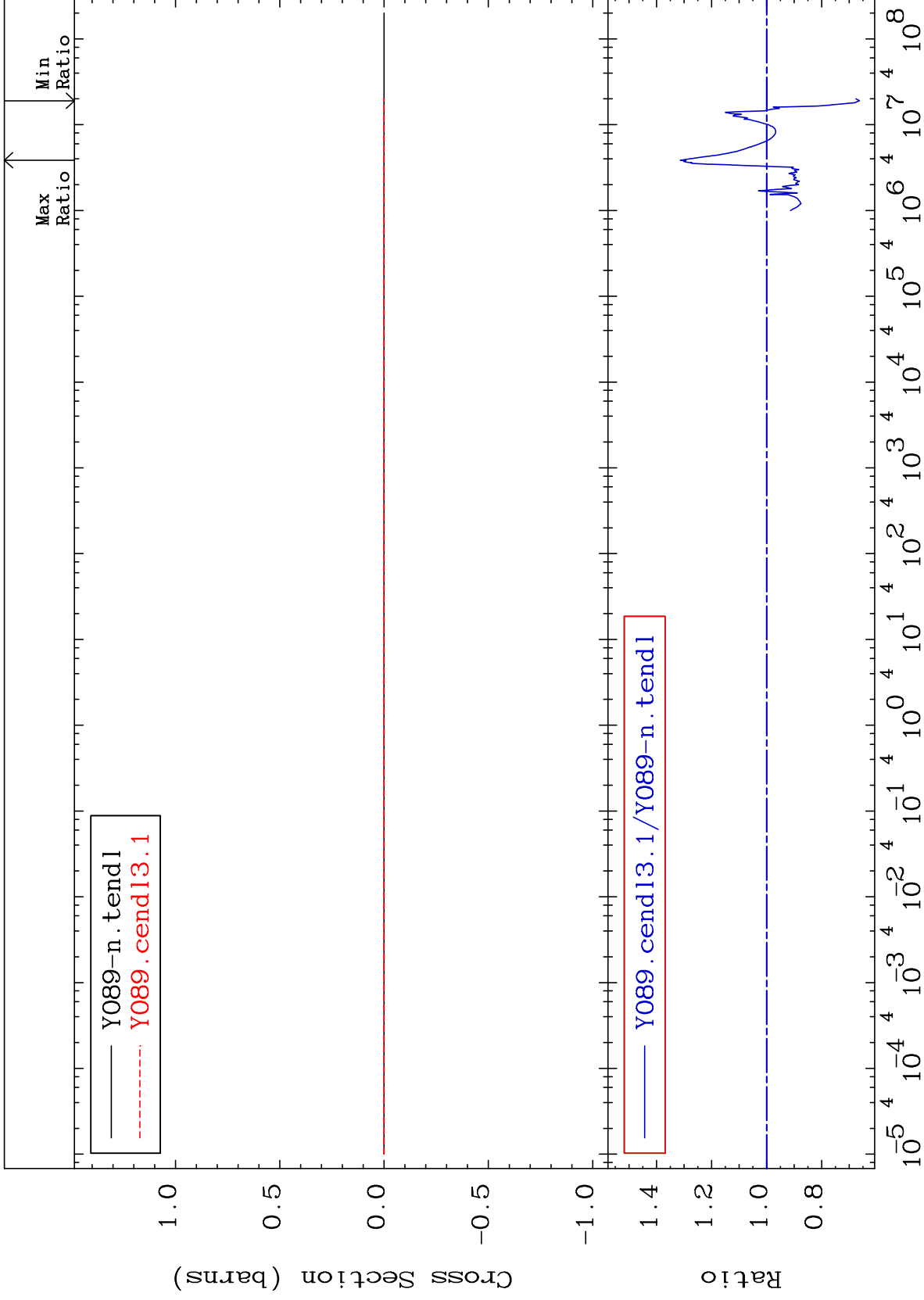


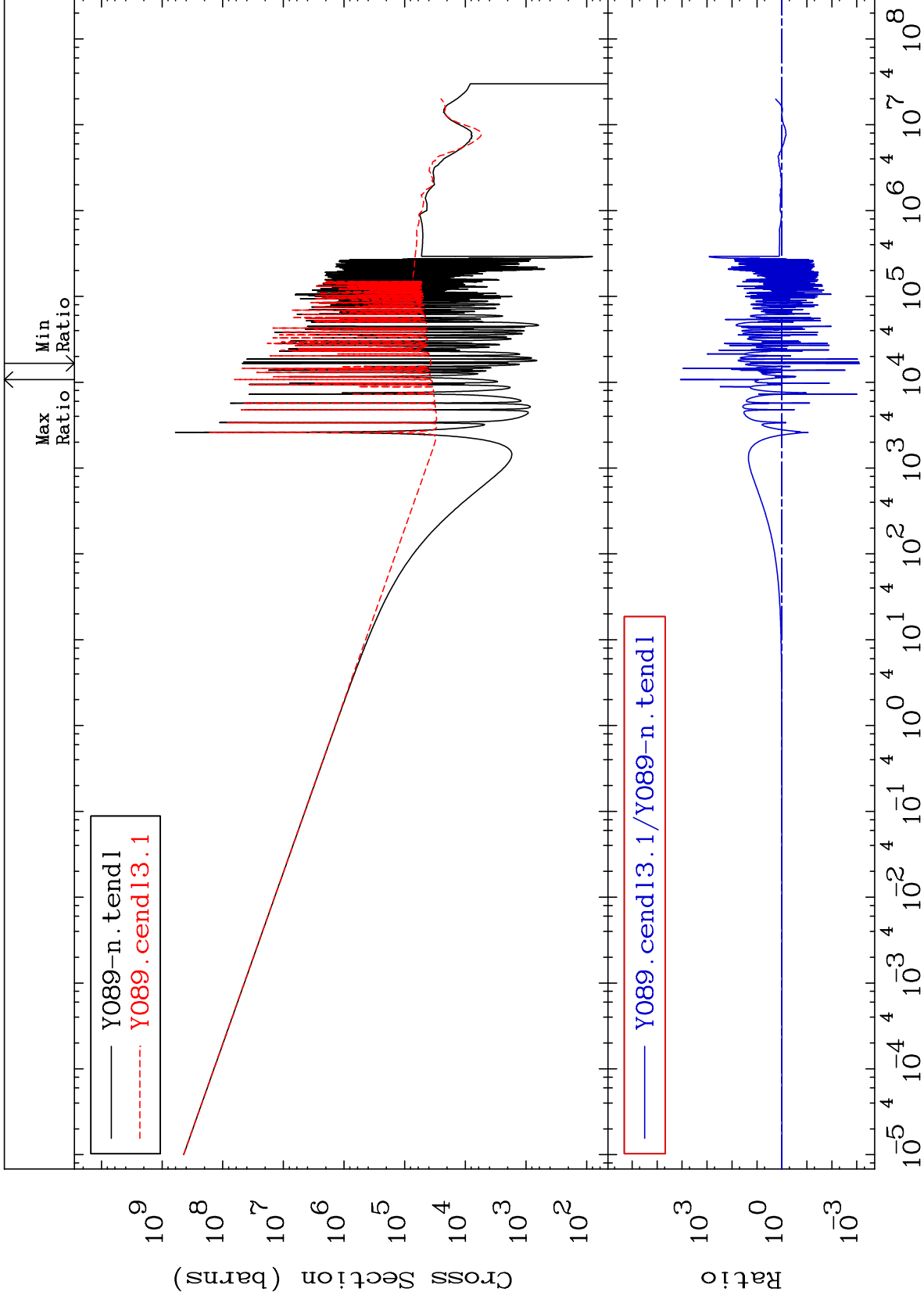


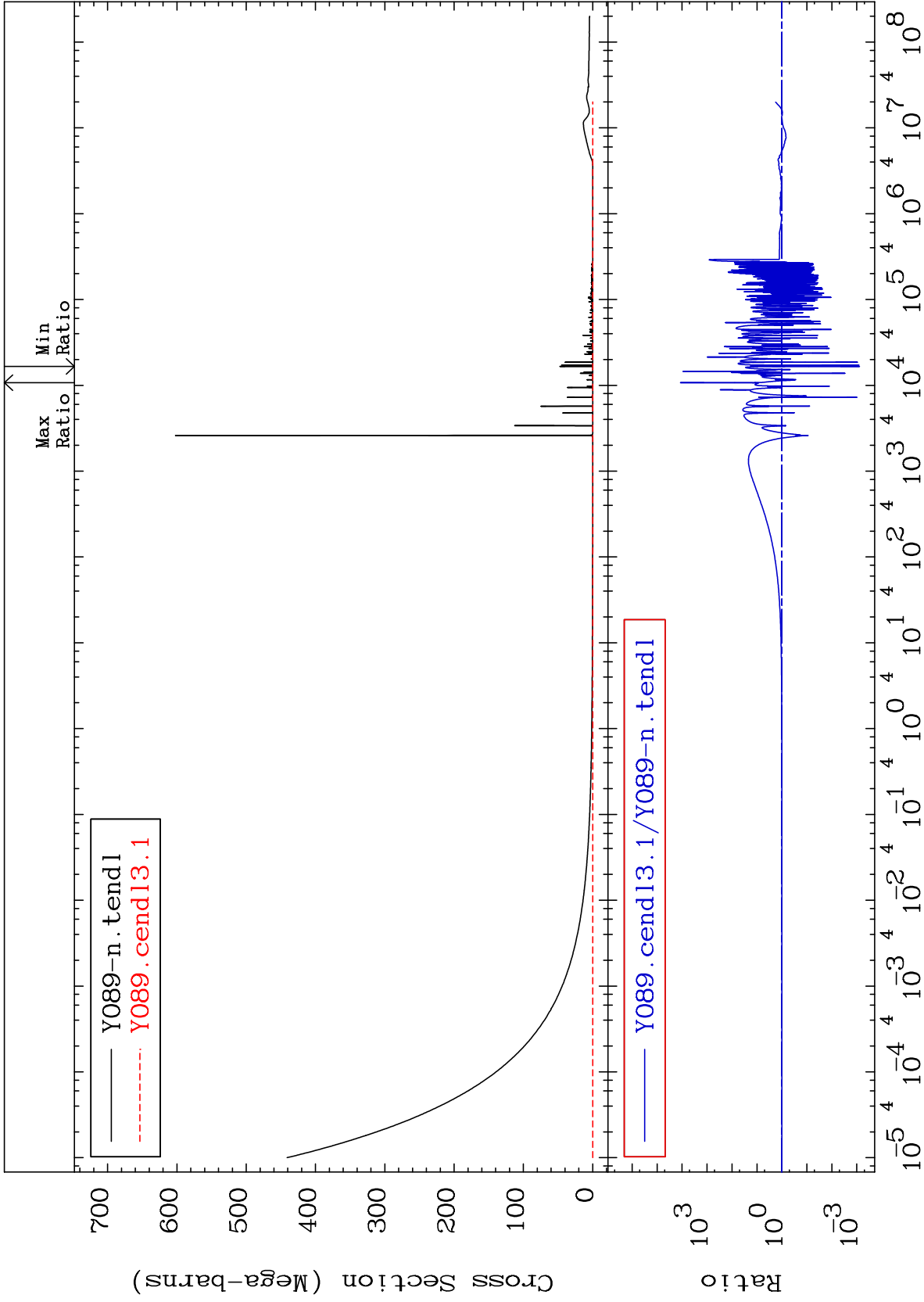


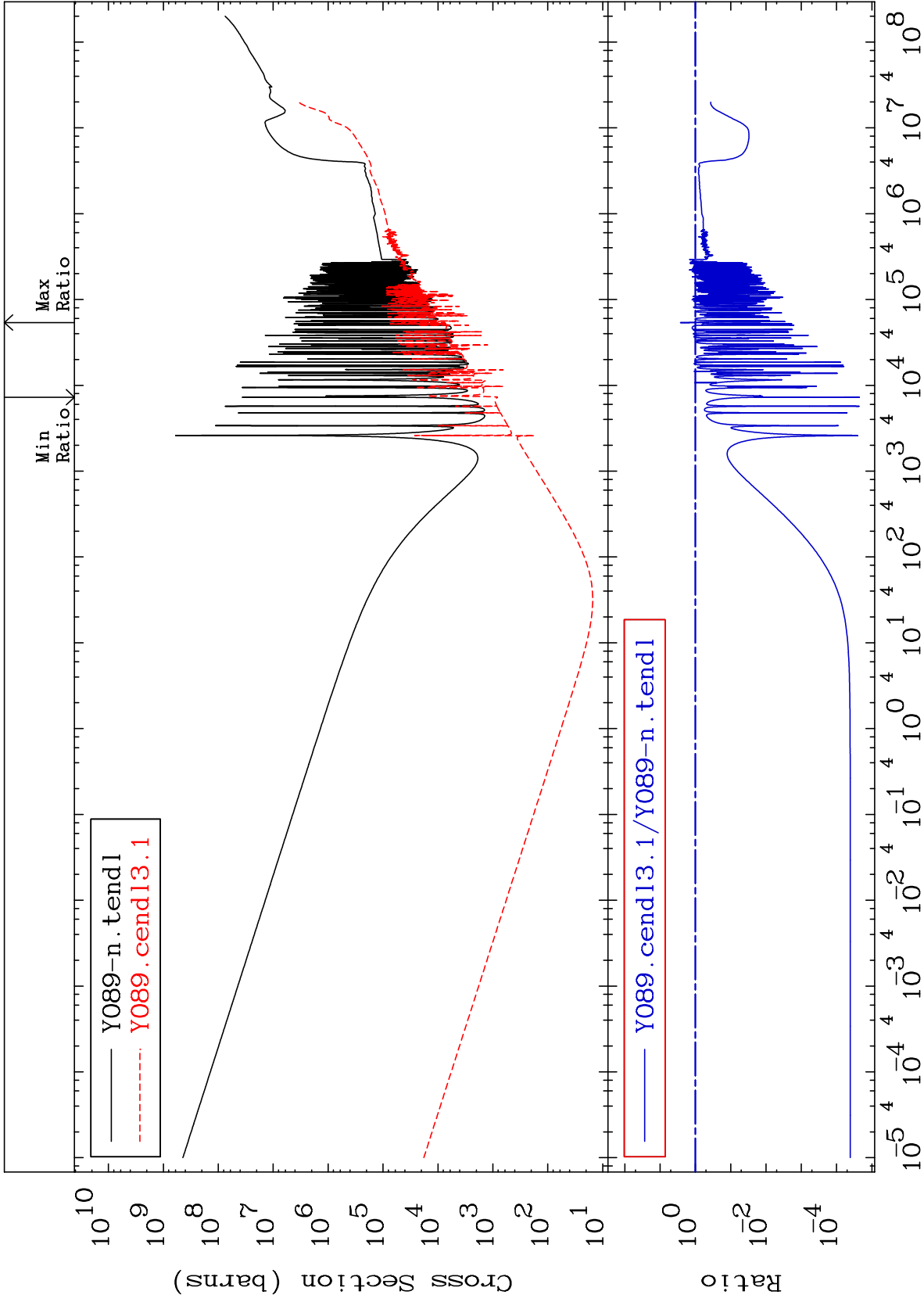








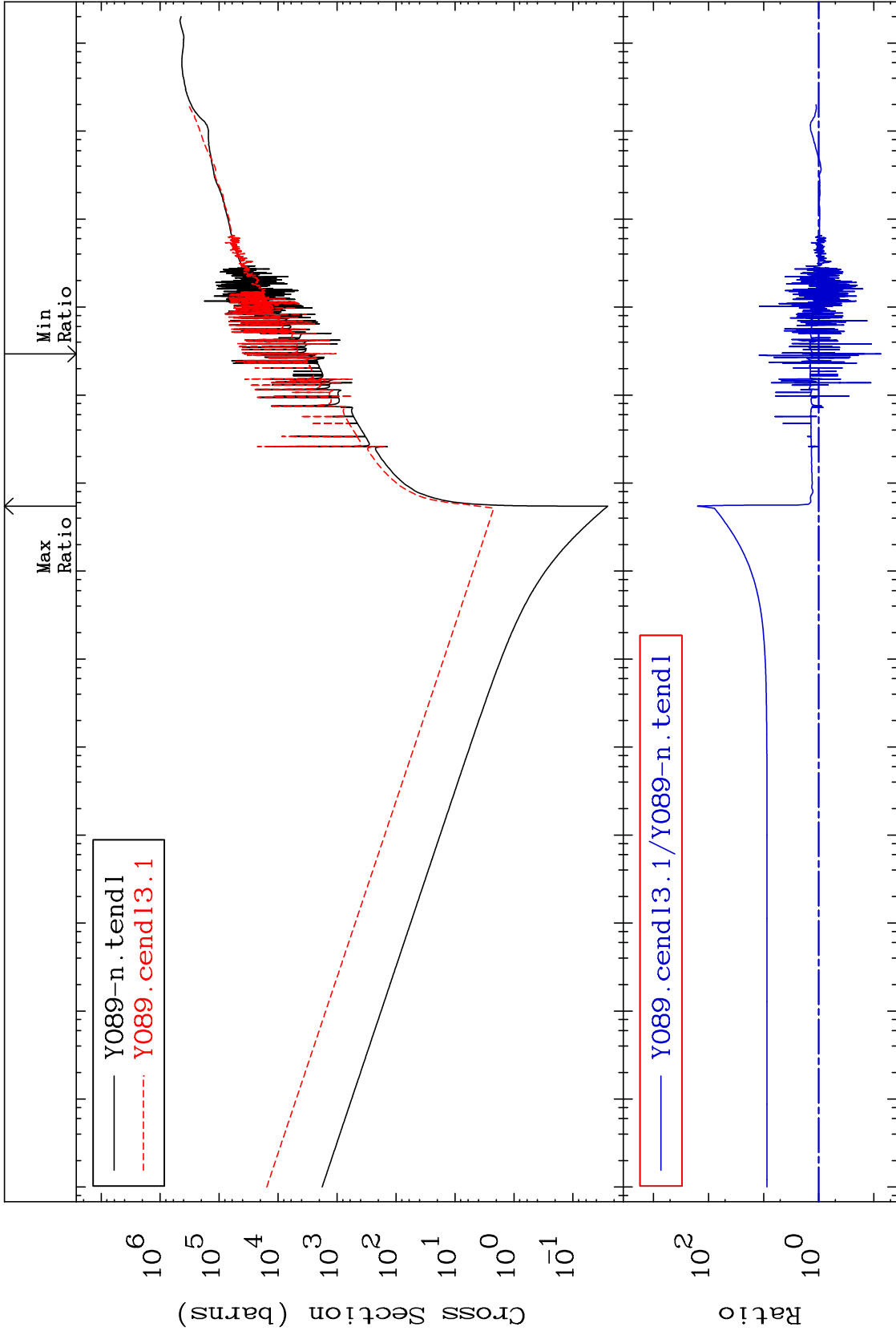




MAT 3925

Dpa total (eV-barns)  
Cross Section

39-Y -89  
-92.60 To 9999. %



40

Incident Energy (eV)

39-Y -89



