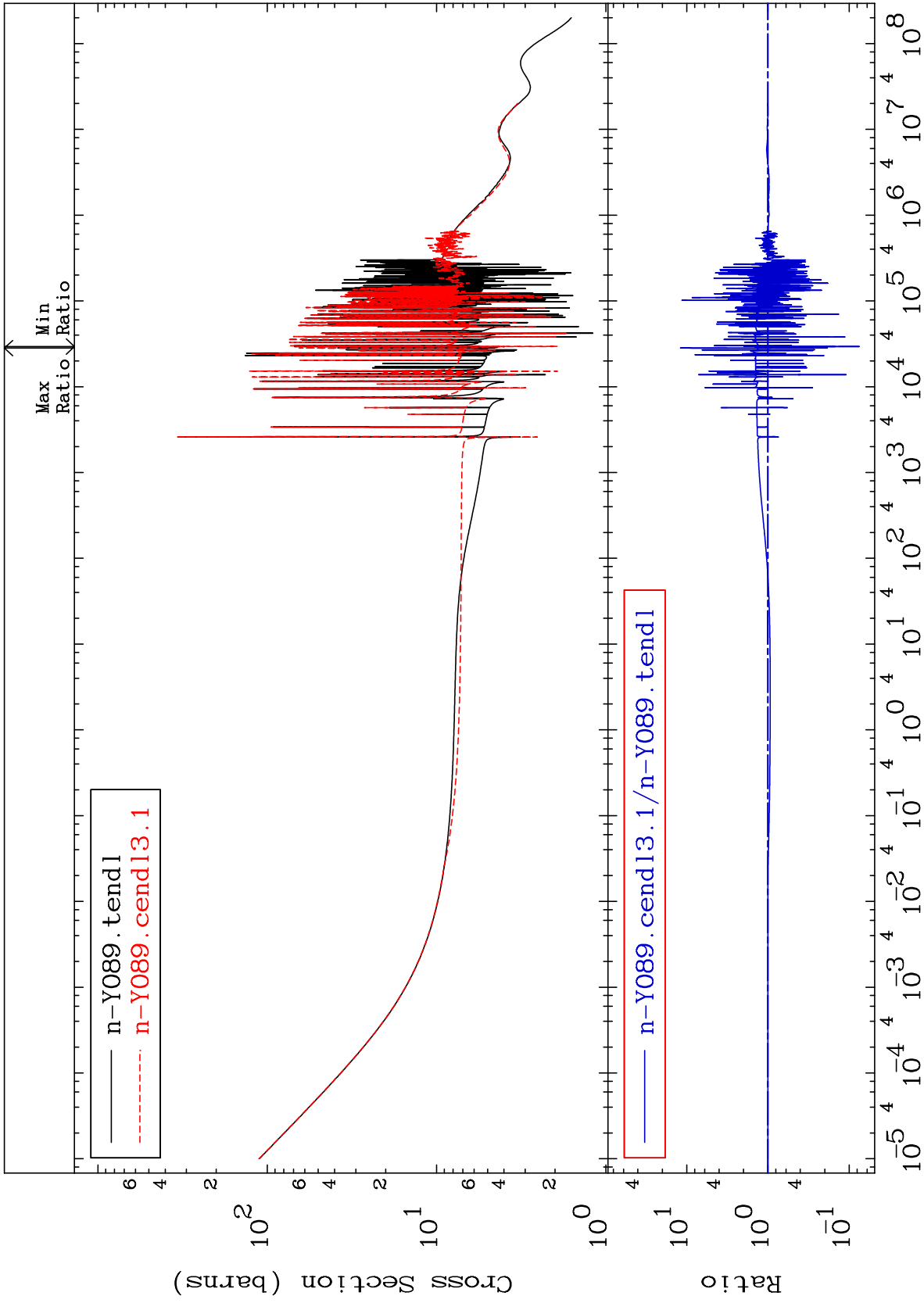


MAT 3925

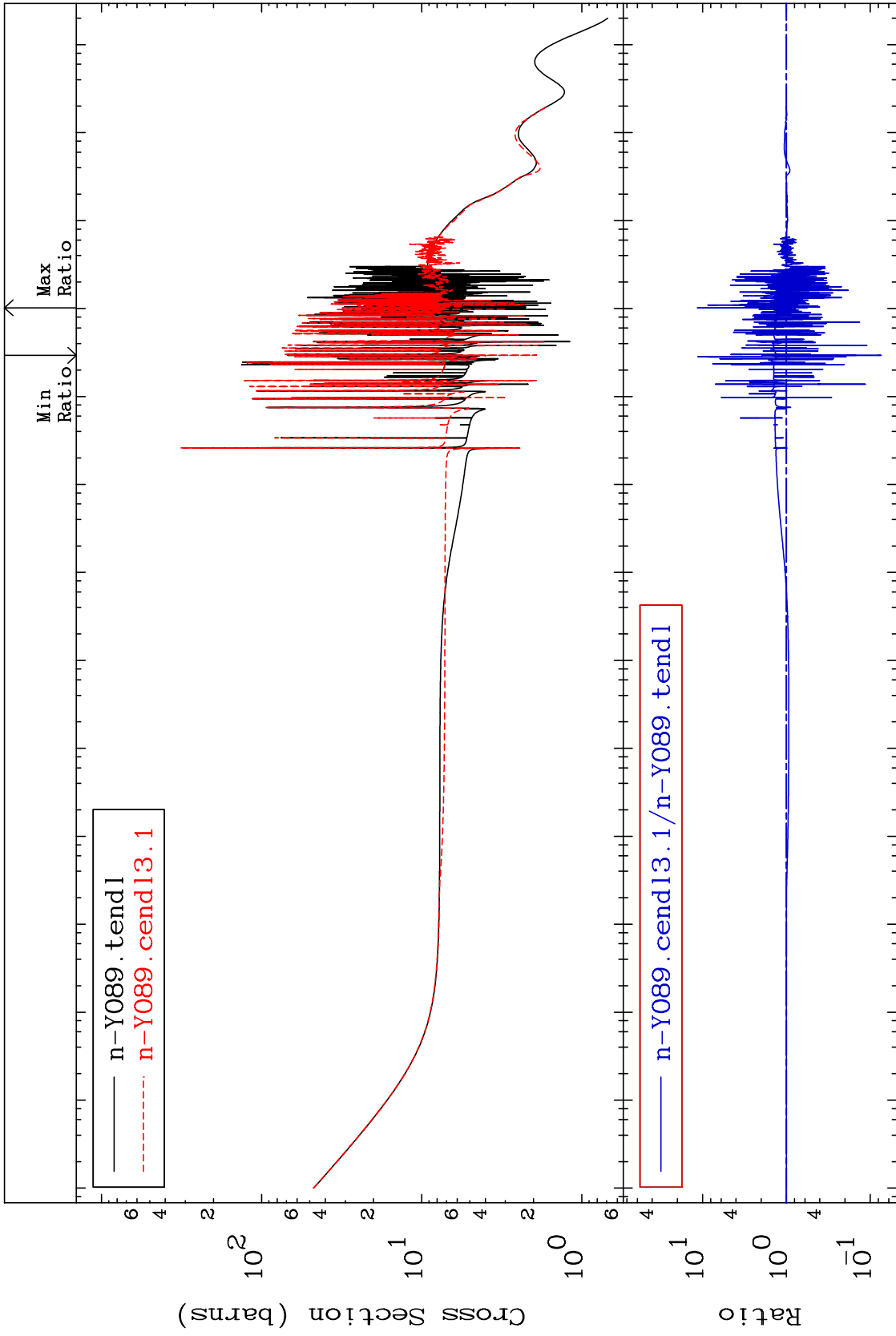
Total  
Cross Section

39-Y -89  
-92.52 To 1098. %



Incident Energy (eV)

39-Y -89



MAT 3925

39-Y -89

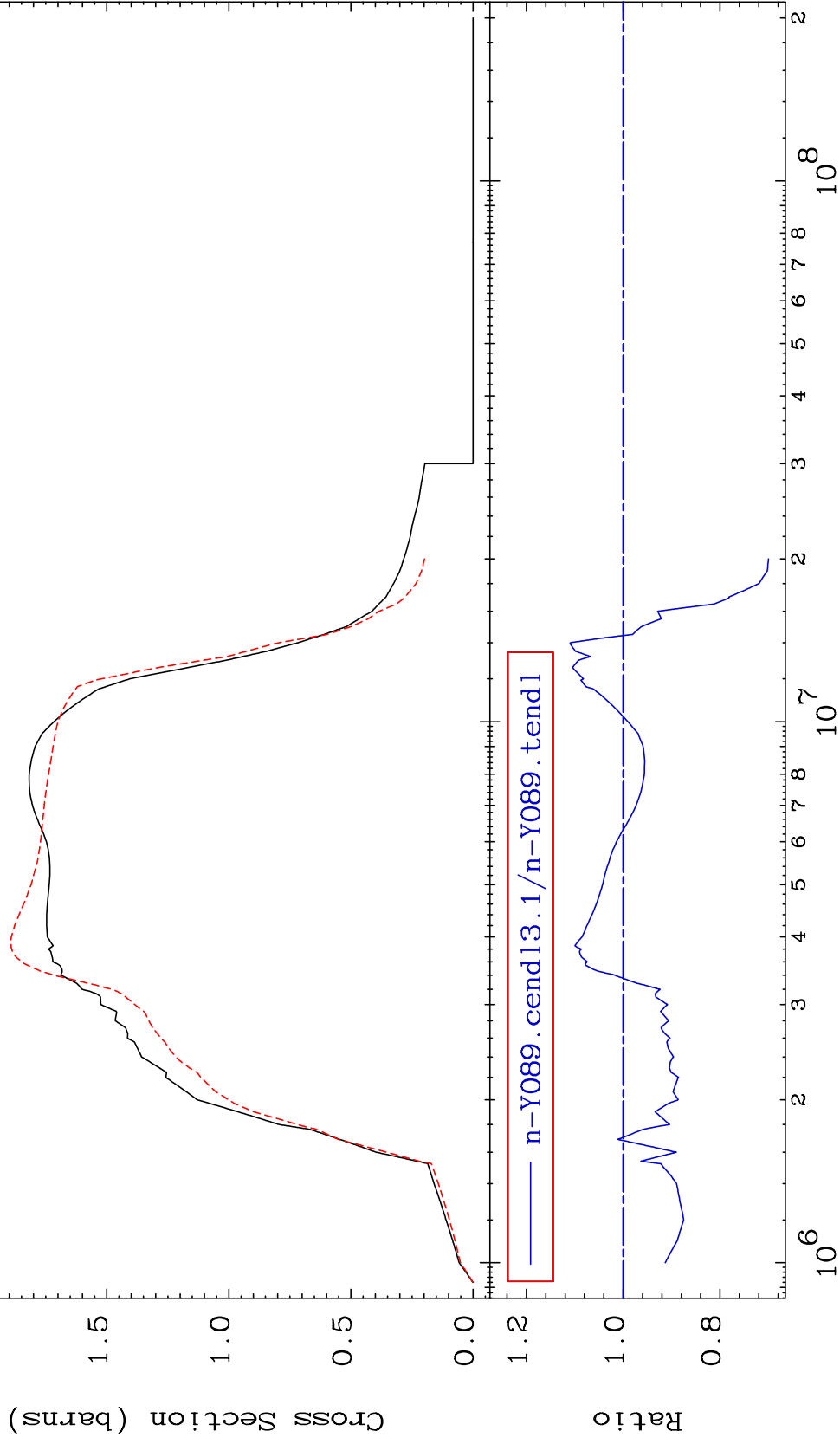
-30.01 To 10.97 %

Inelastic  
Cross Section

Max  
Ratio

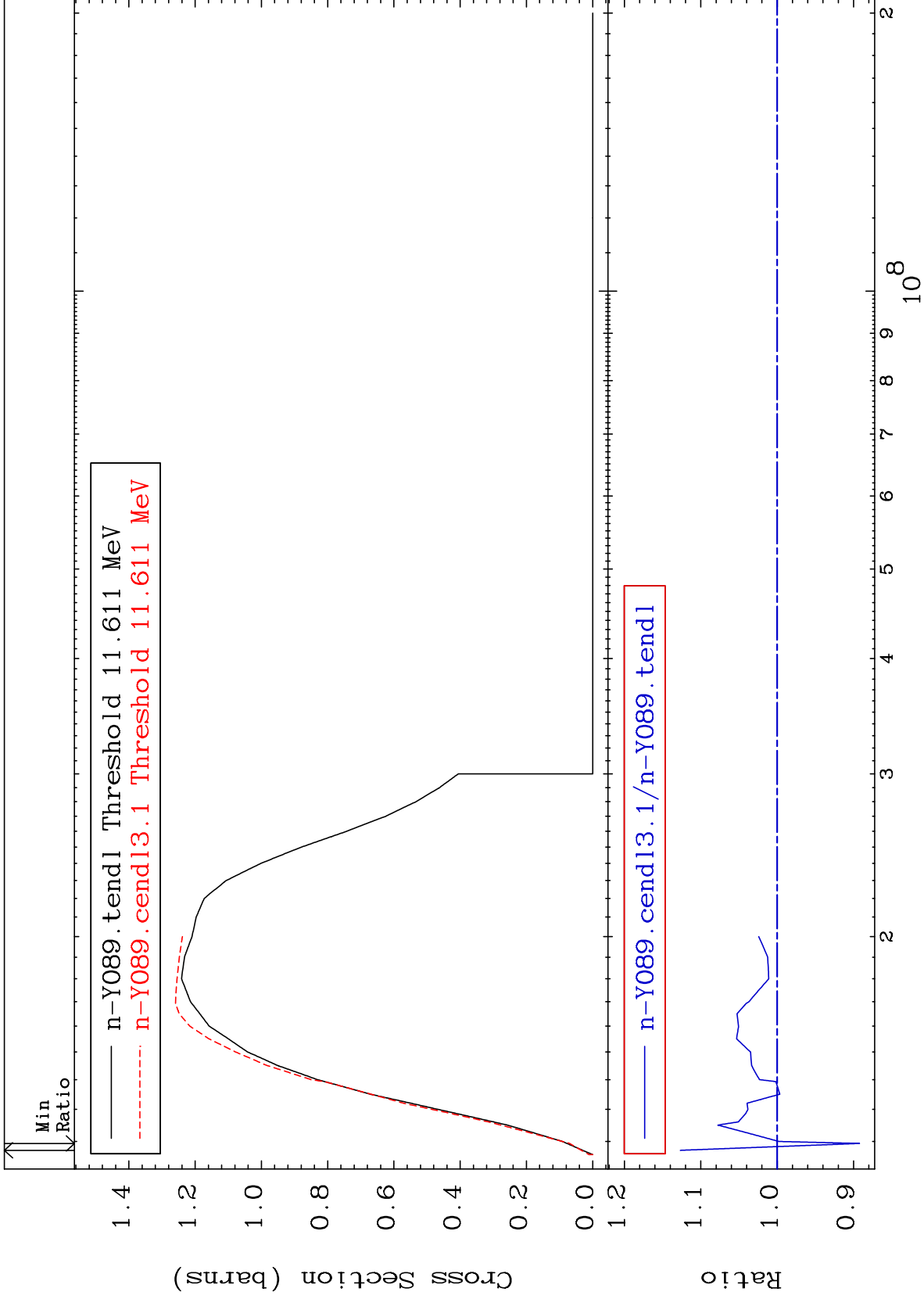
Min  
Ratio

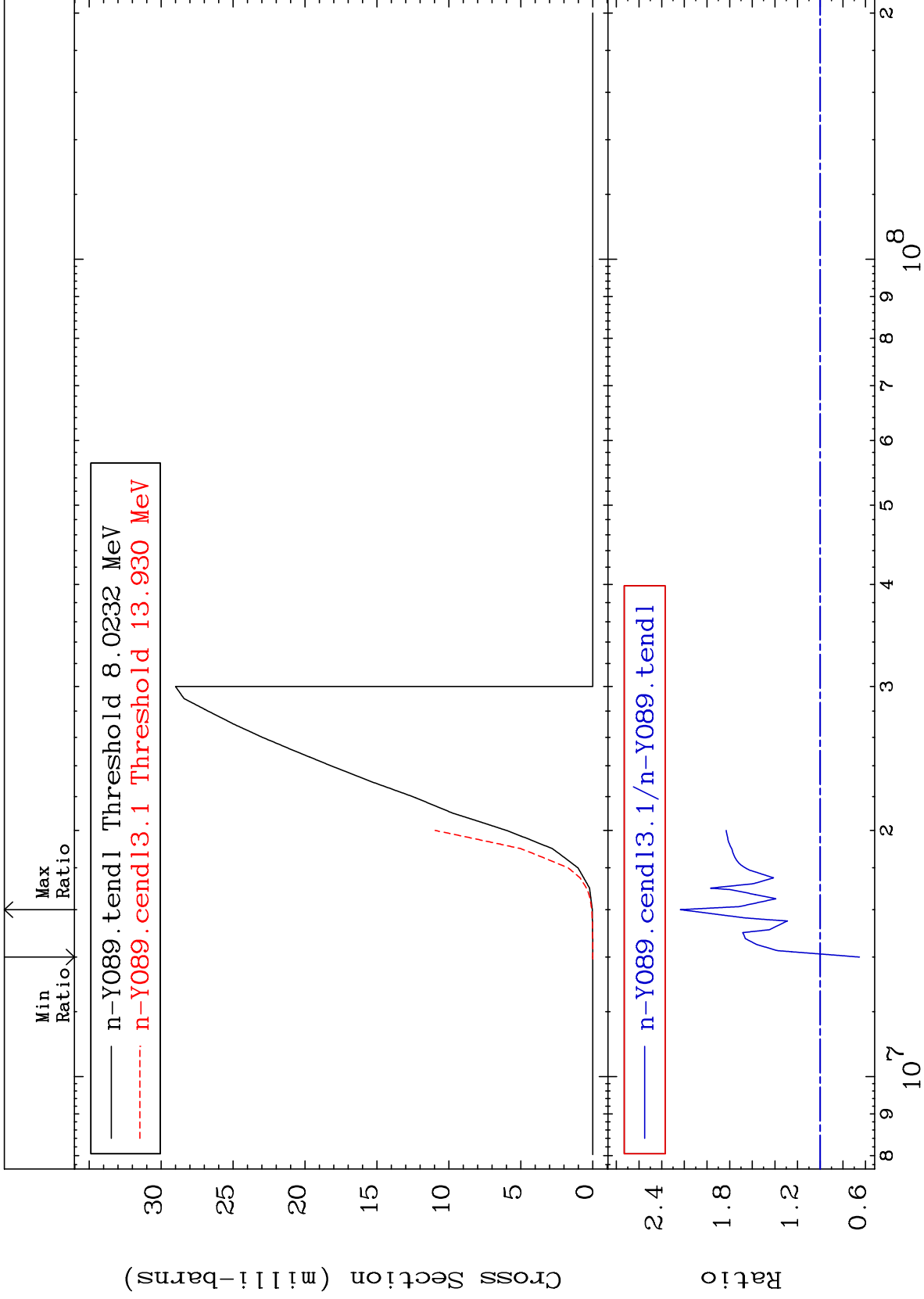
— n-Y089.tendl Threshold 919.28 keV  
- - - n-Y089.cendl3.1 Threshold 919.28 keV



Incident Energy (eV)

39-Y -89

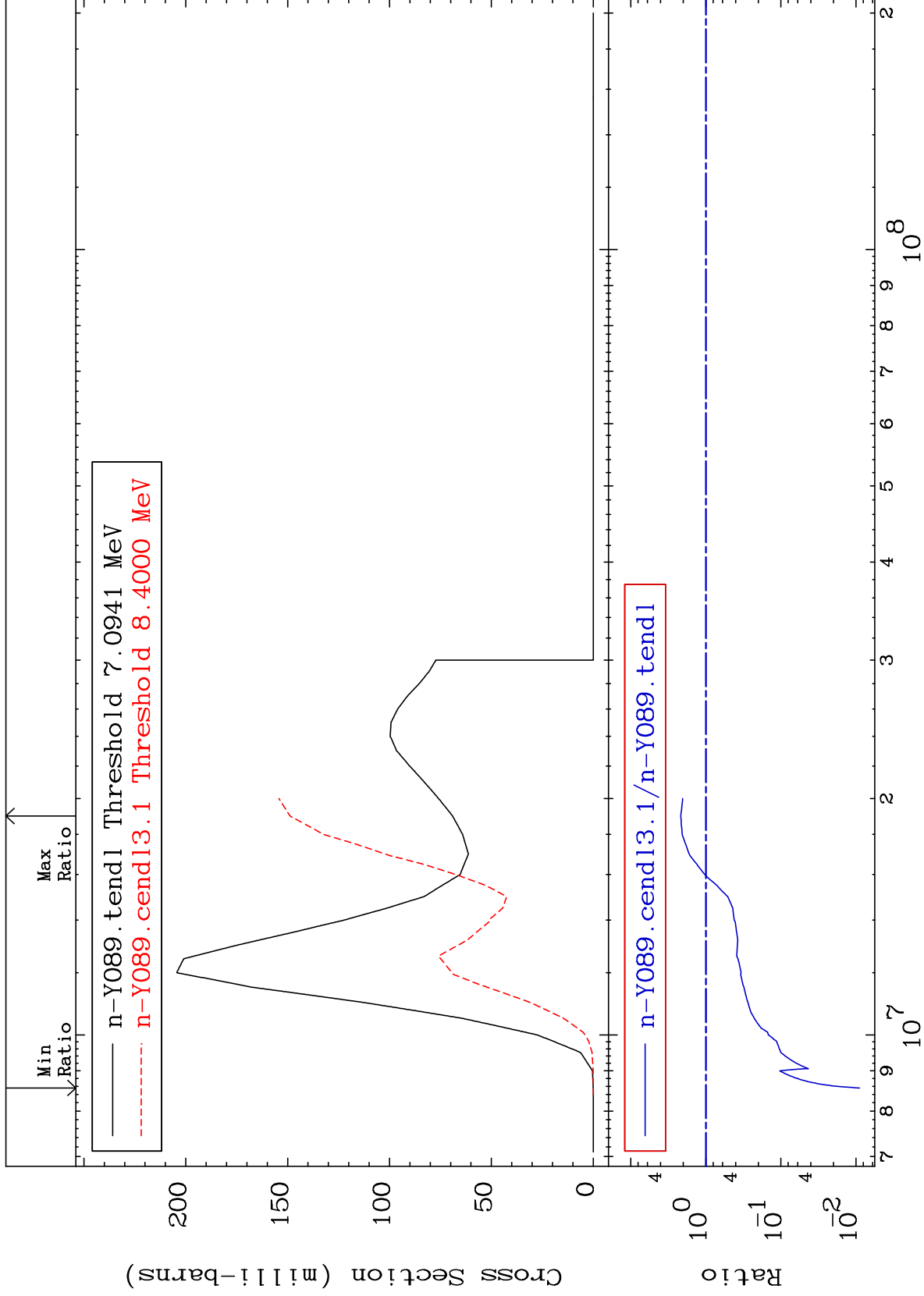




MAT 3925

(n,n') p  
Cross Section

39-Y -89  
-99.10 To 115.6 %



6

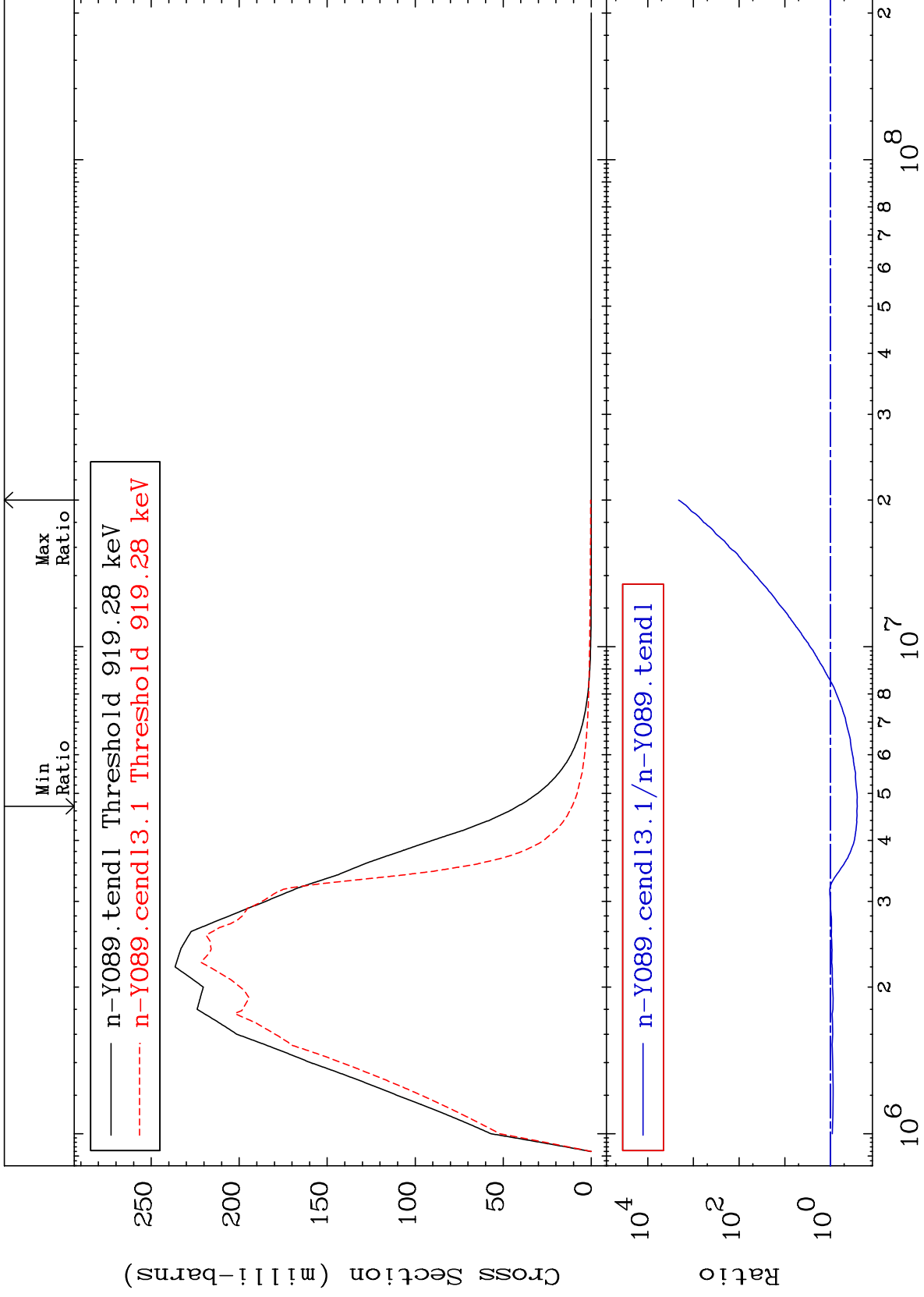
Incident Energy (eV)

39-Y -89

MAT 3925

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

39-Y -89  
-74.09 To 9999. %



39-Y -89

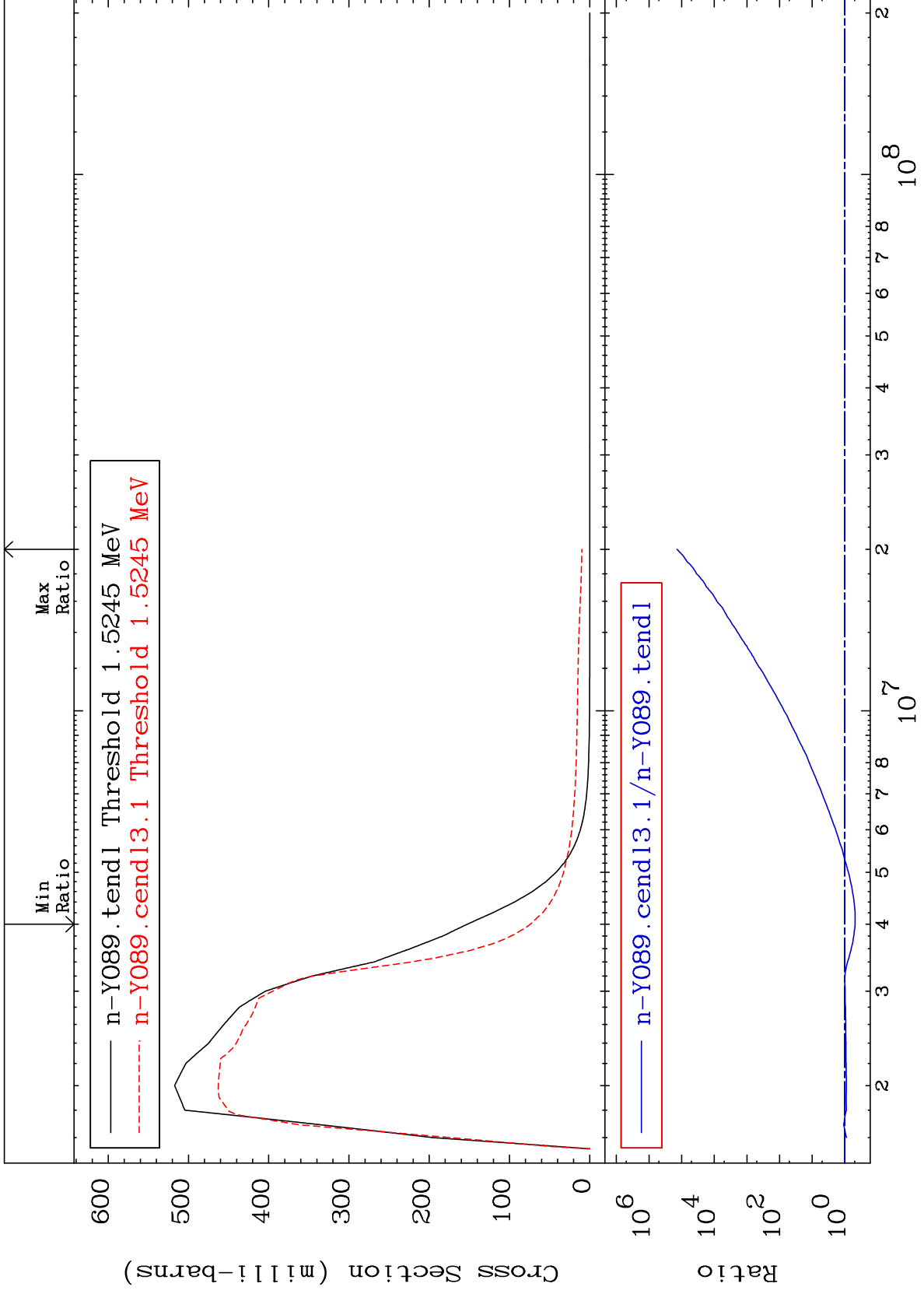
Incident Energy (eV)

7

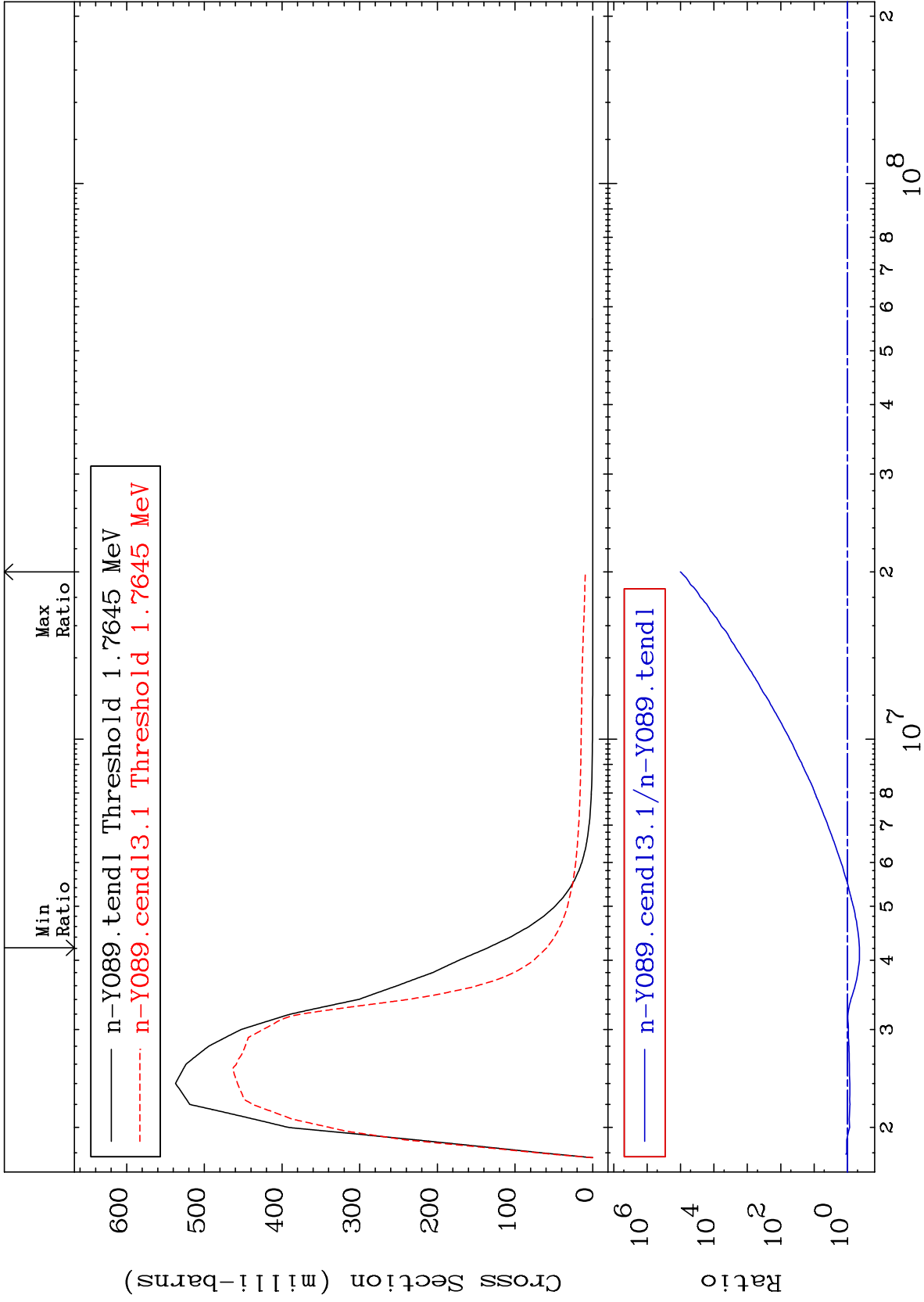
MAT 3925

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

39-Y -89  
-51.57 To 9999. %



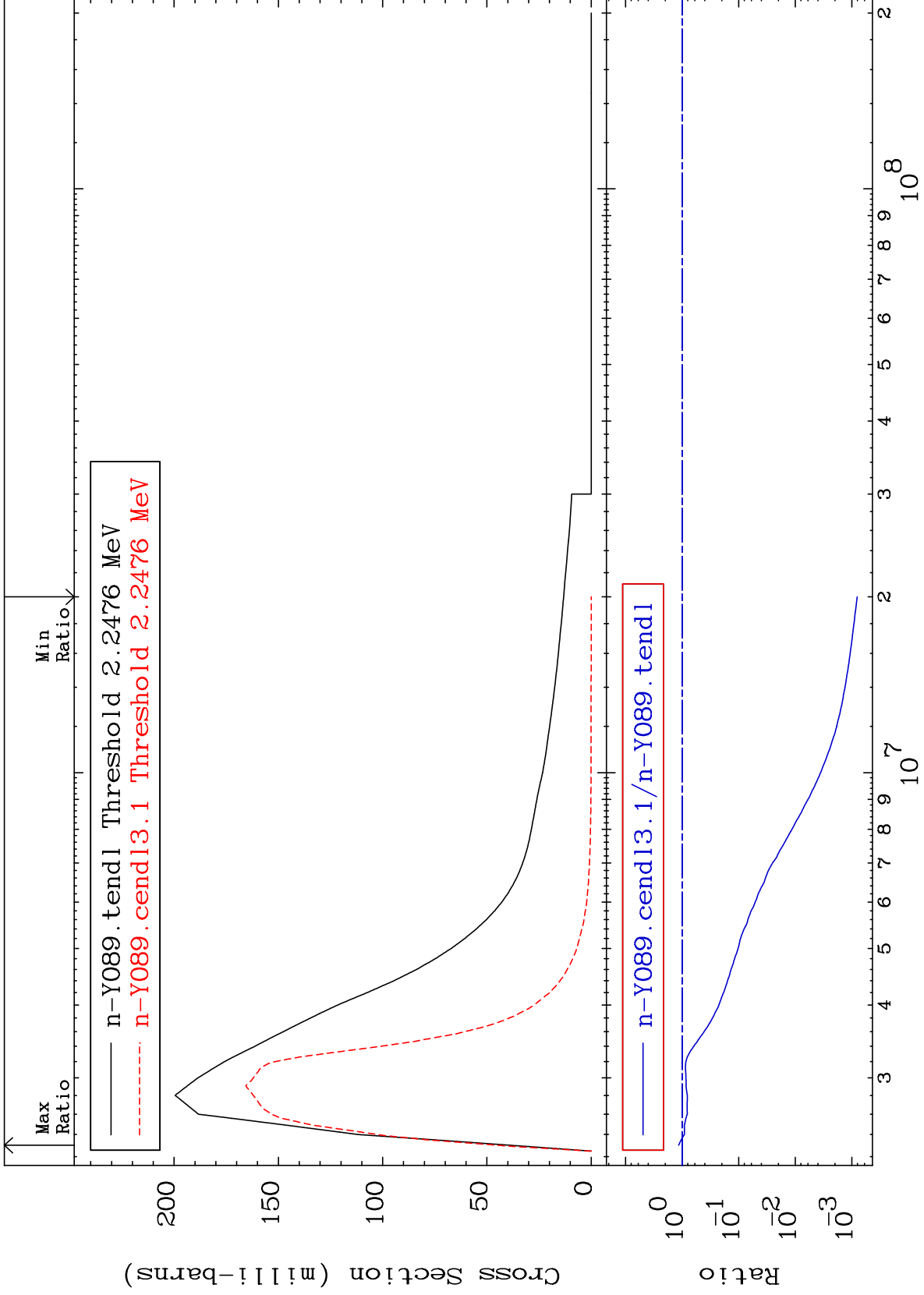




MAT 3925

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

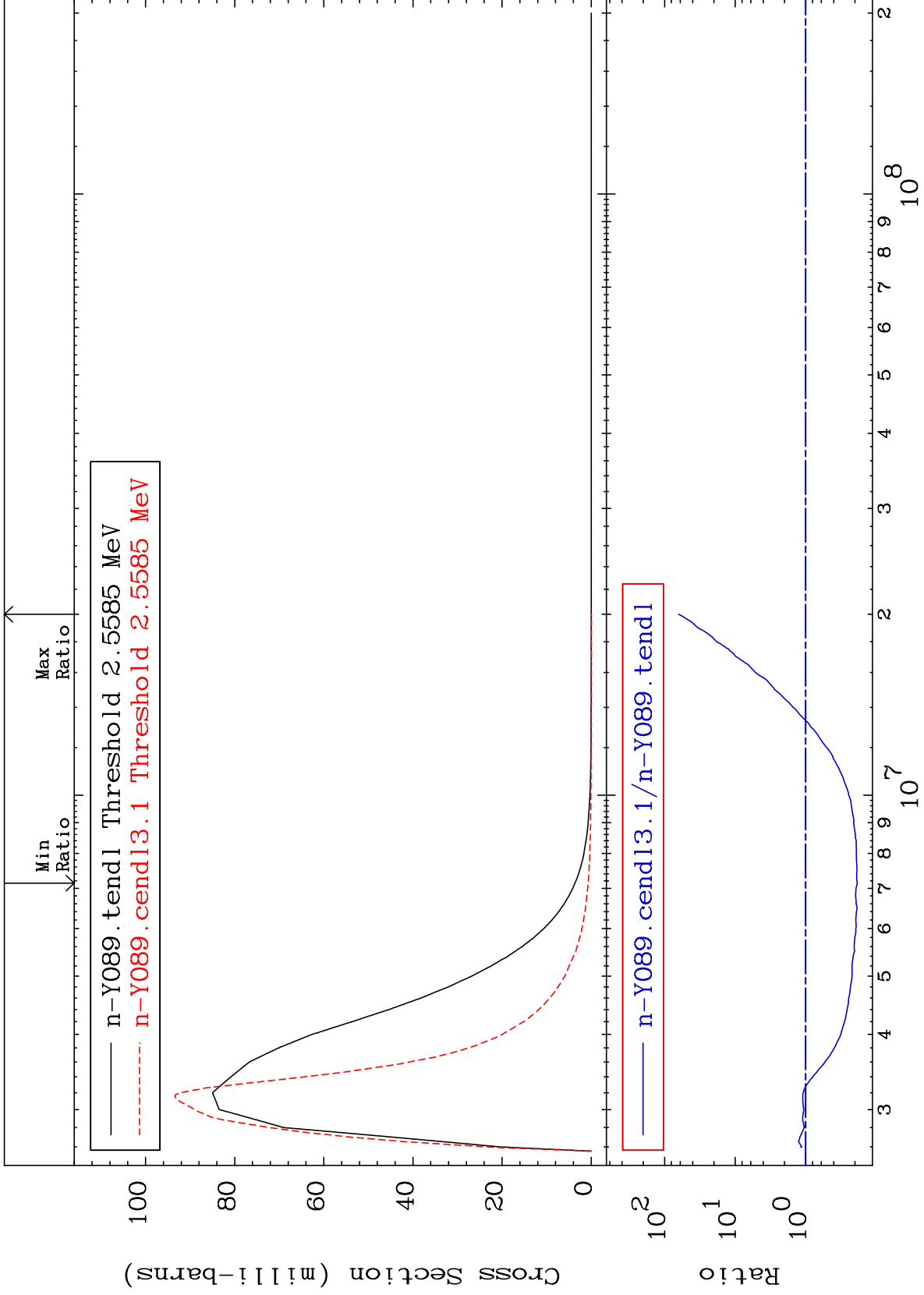
39-Y -89  
-99.92 To 15.68 %

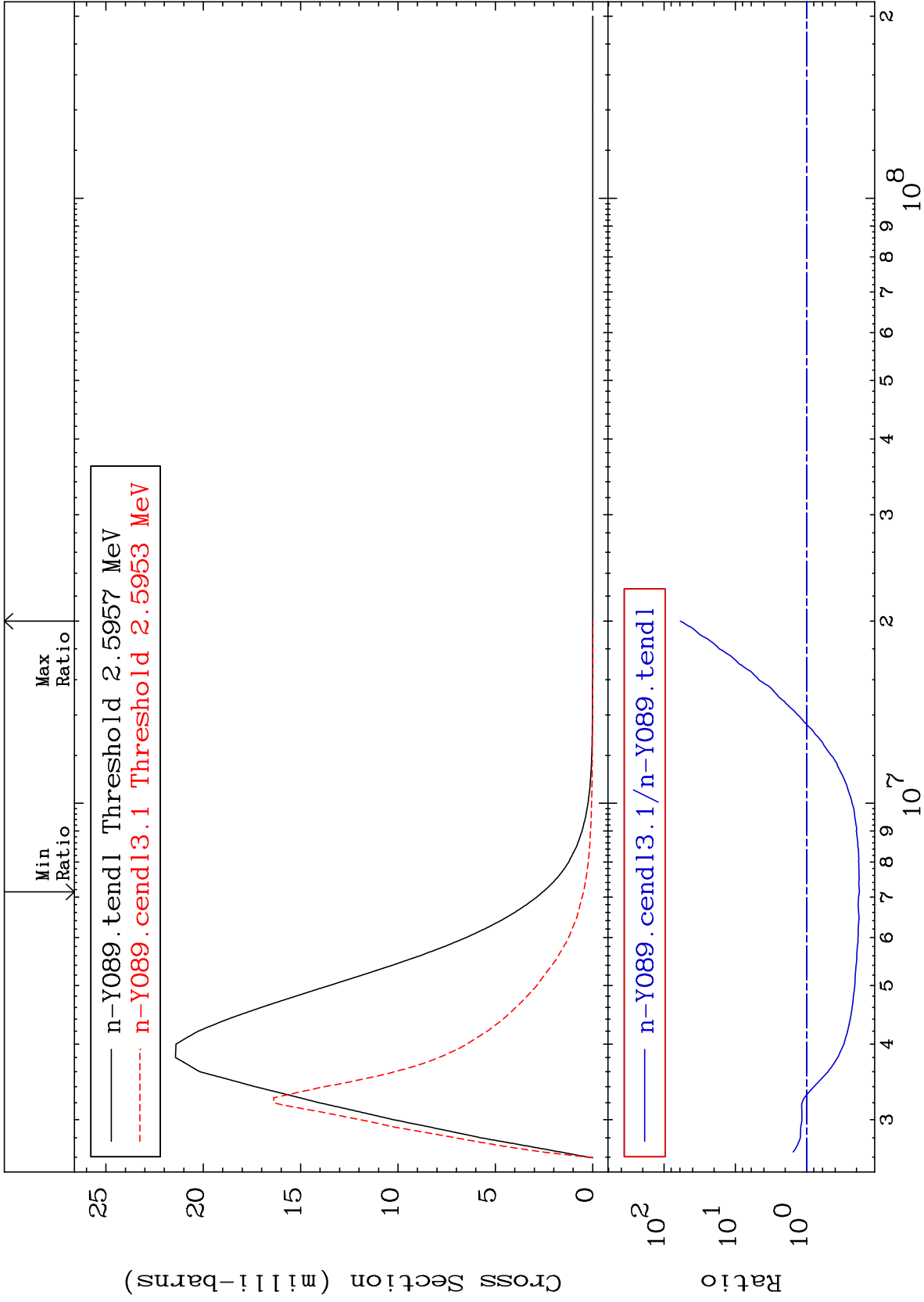


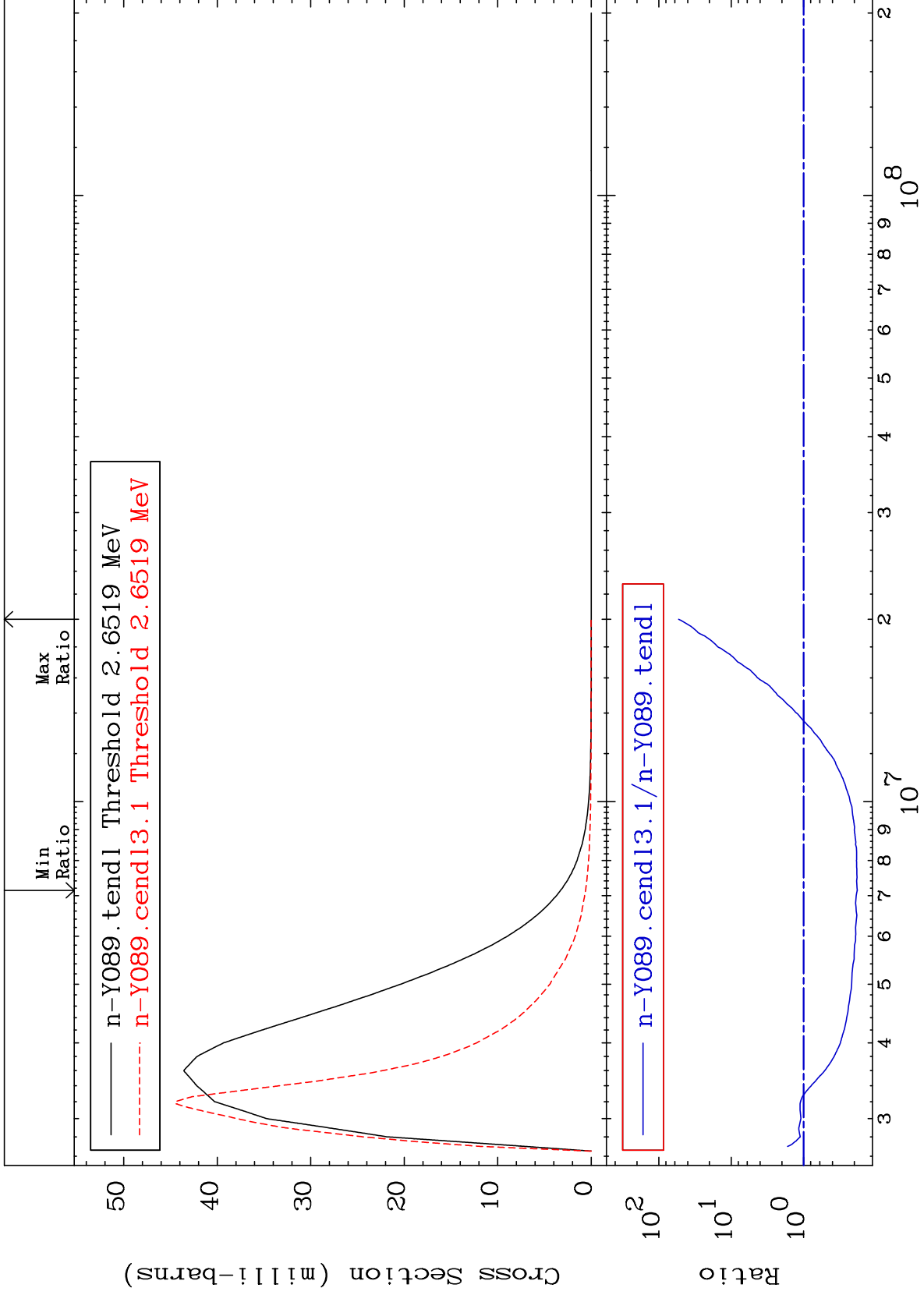
10

Incident Energy (eV)

39-Y -89



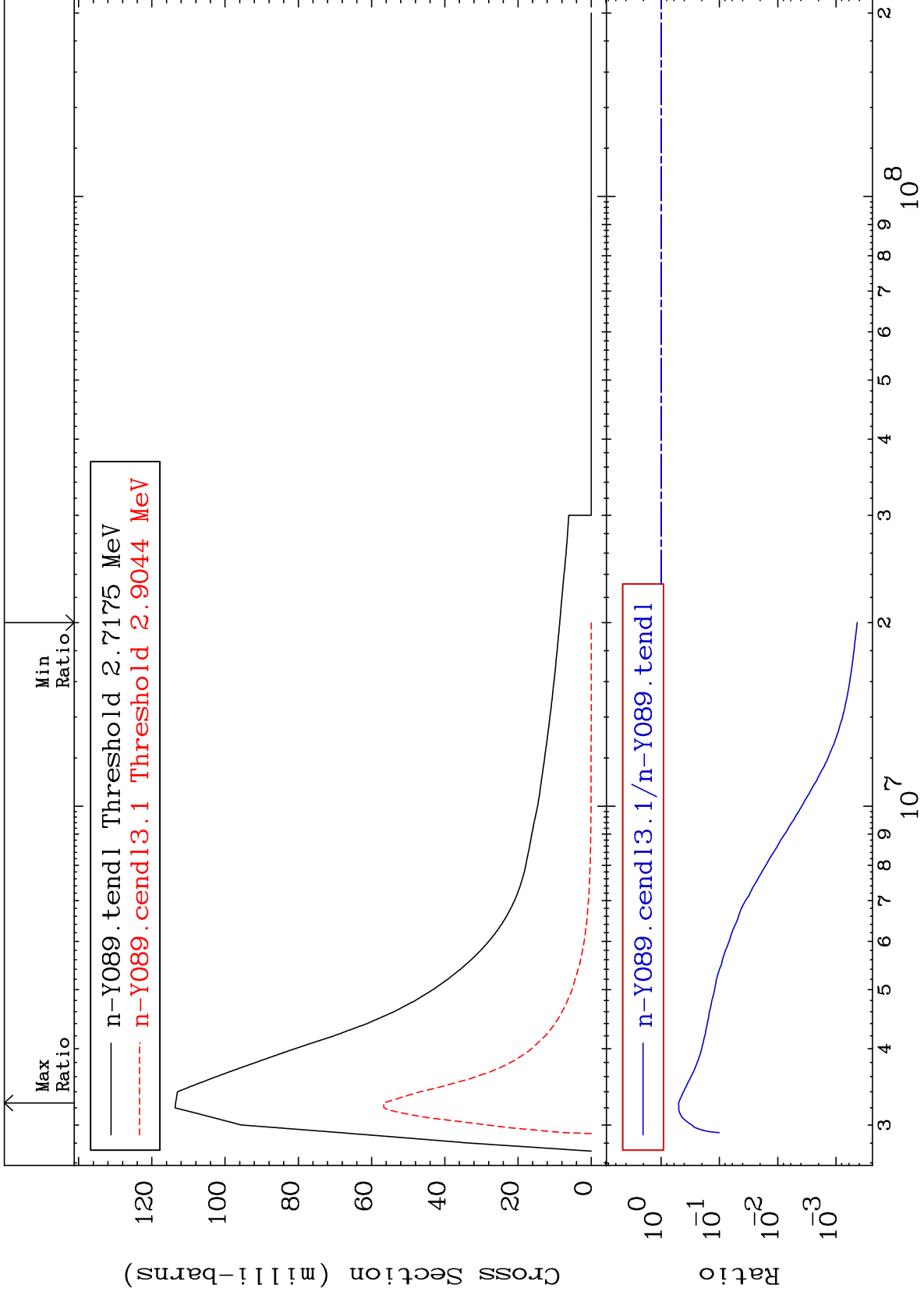




MAT 3925

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

39-Y -89  
-99.96 To -50.00%



14

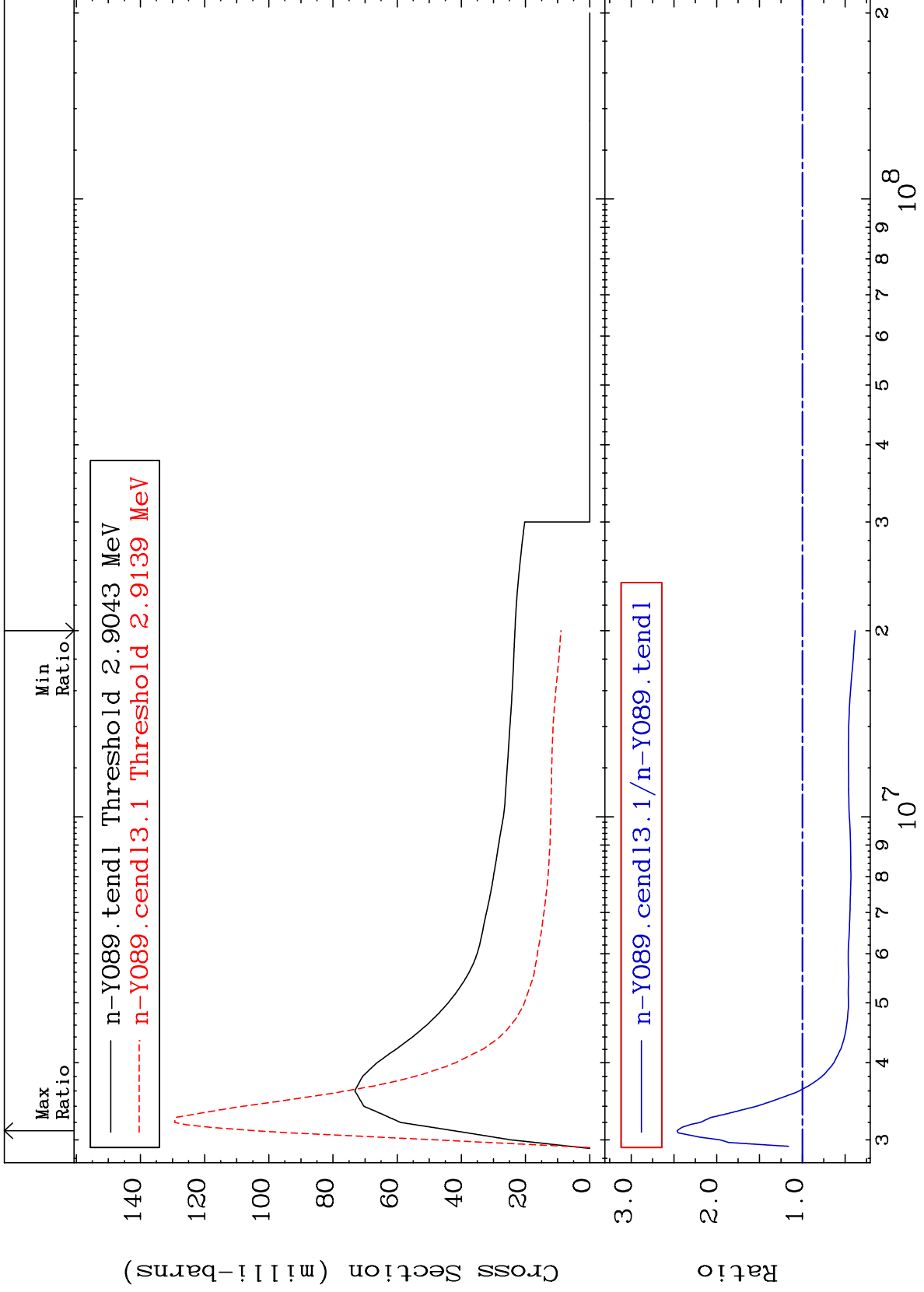
Incident Energy (eV)

39-Y -89

MAT 3925

MT= 59 (n,n') Level  
Cross Section

39-Y -89  
-61.62 To 146.5 %



15

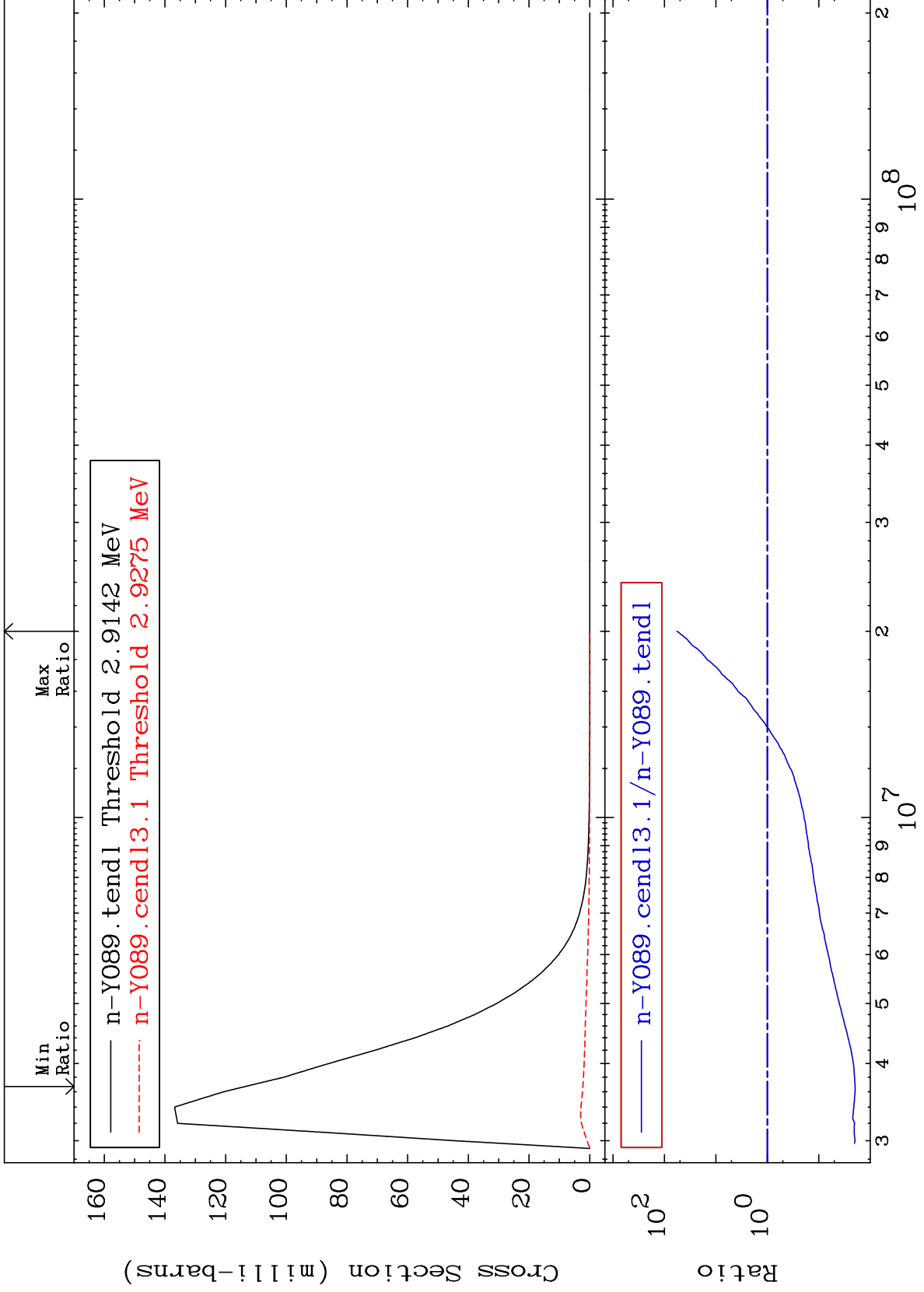
Incident Energy (eV)

39-Y -89

MAT 3925

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

39-Y -89  
-98.02 To 5623. %



16

Incident Energy (eV)

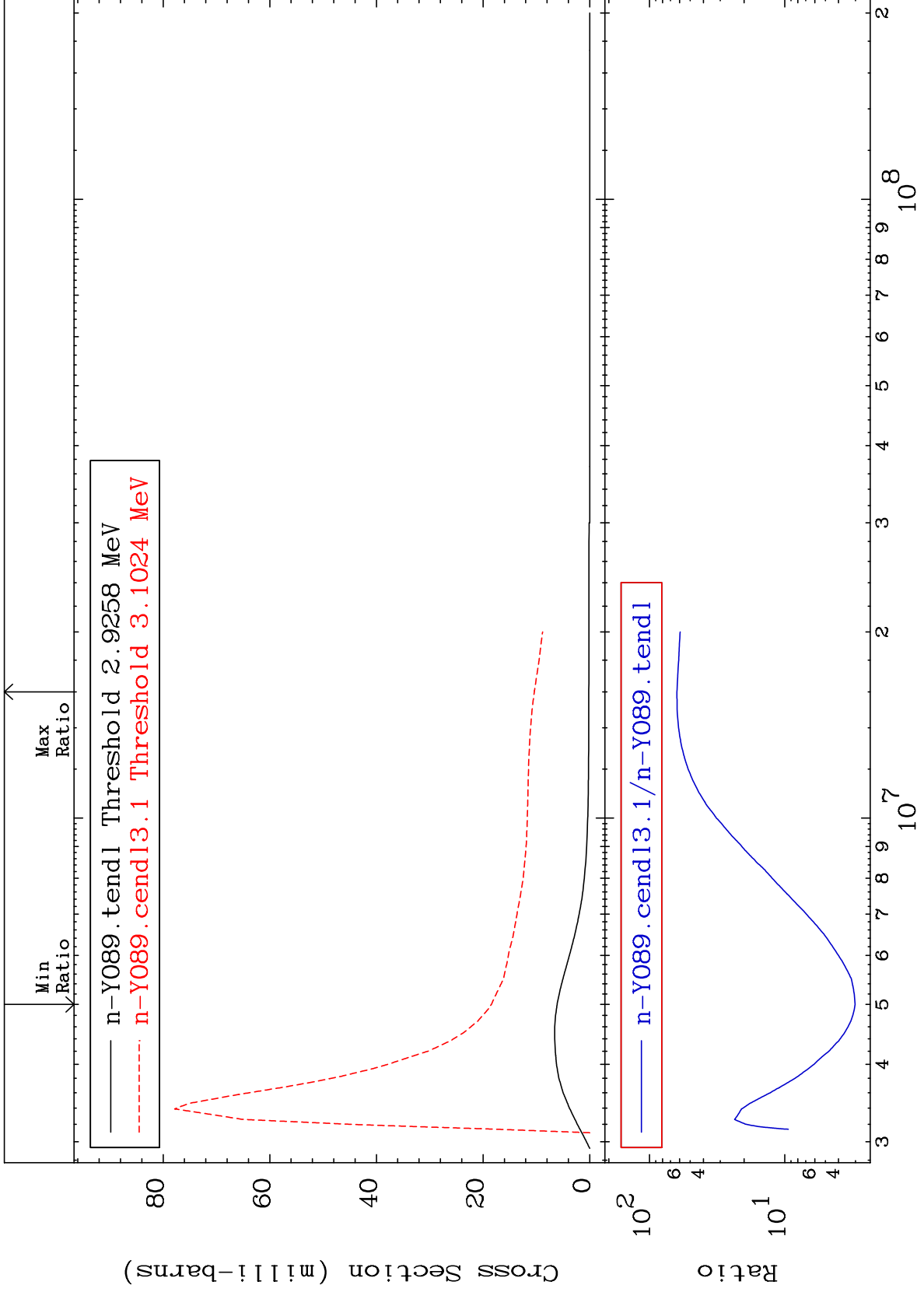
39-Y -89



MAT 3925

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

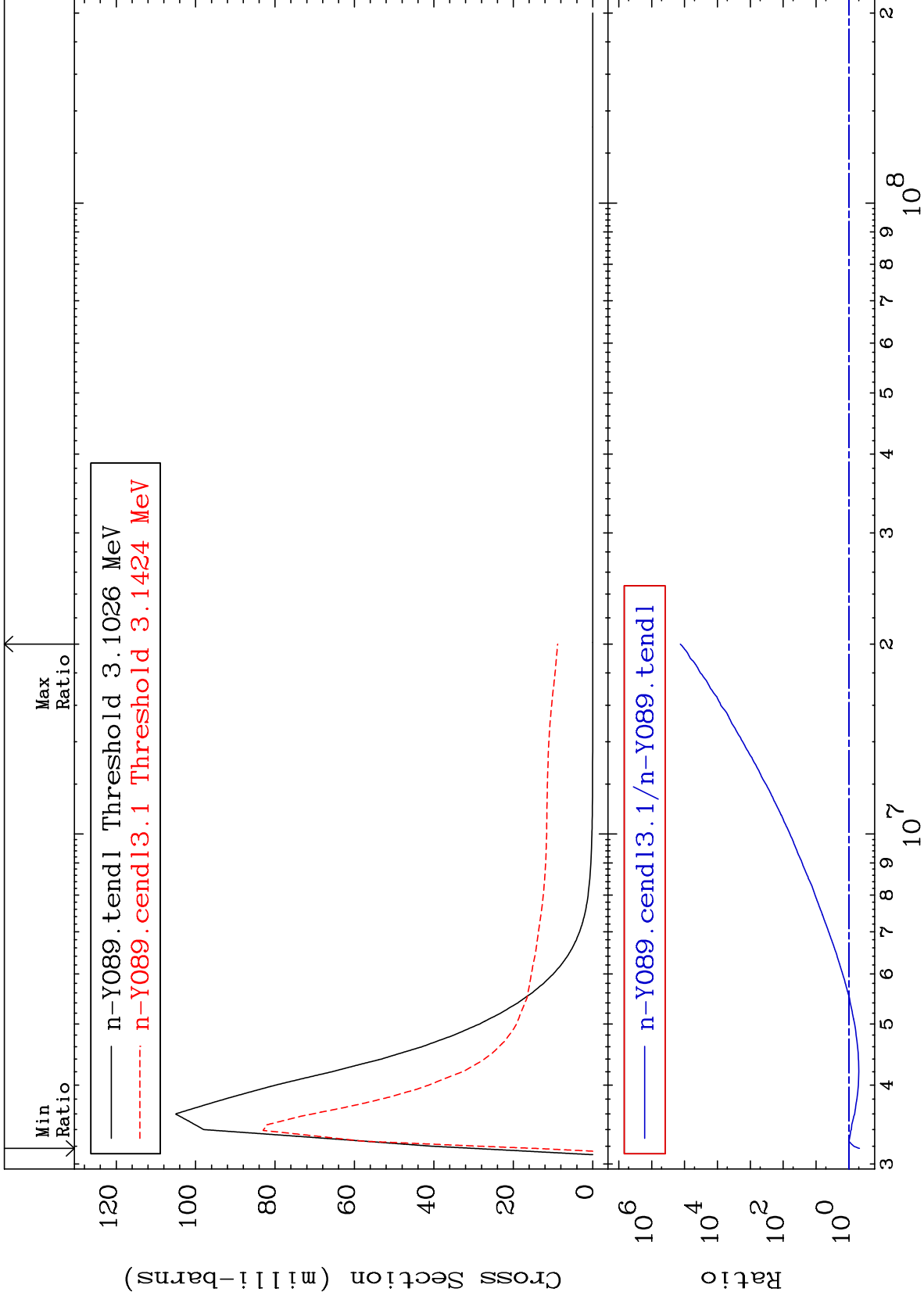
39-Y -89  
201.8 To 6173. %

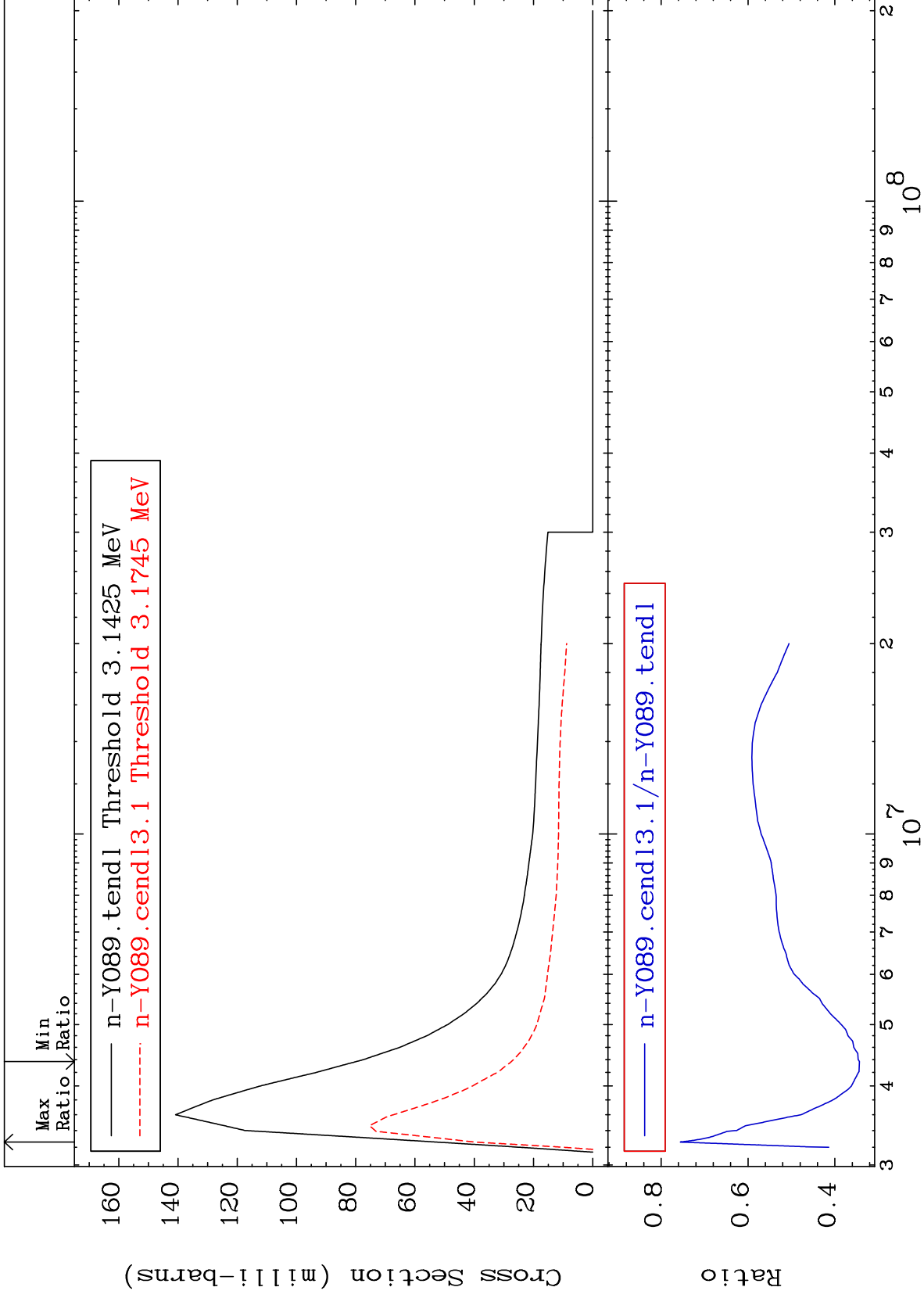


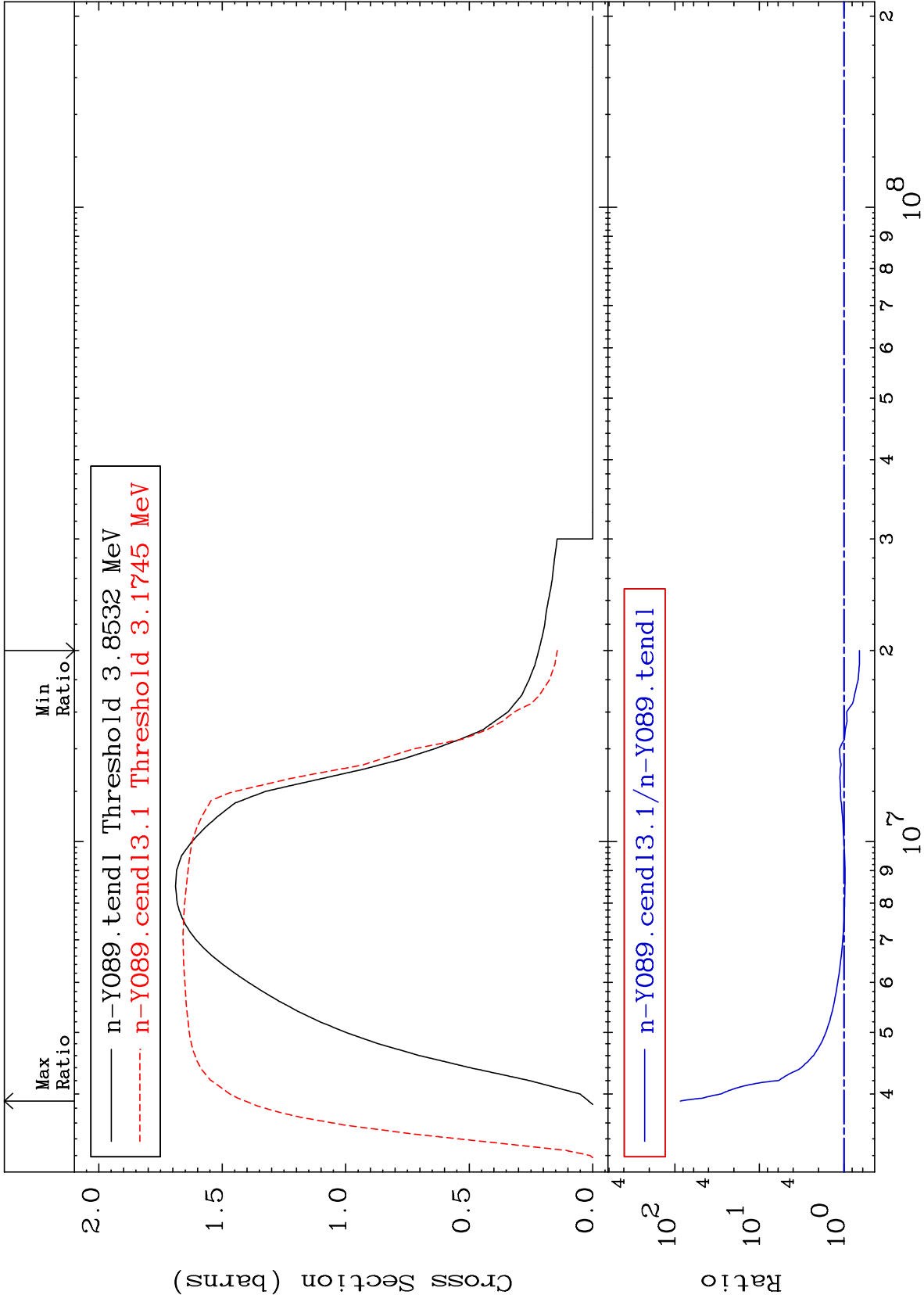
17

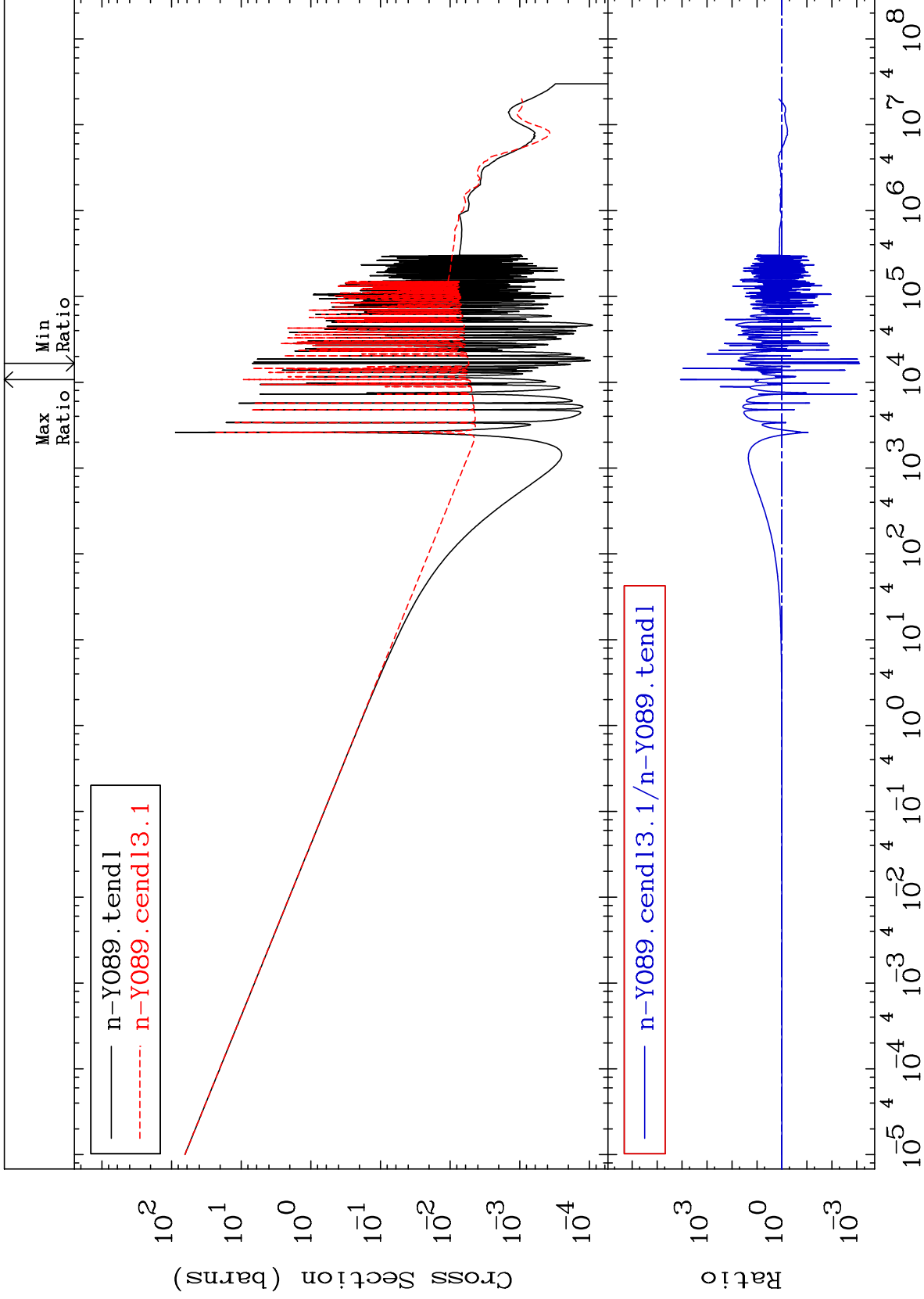
Incident Energy (eV)

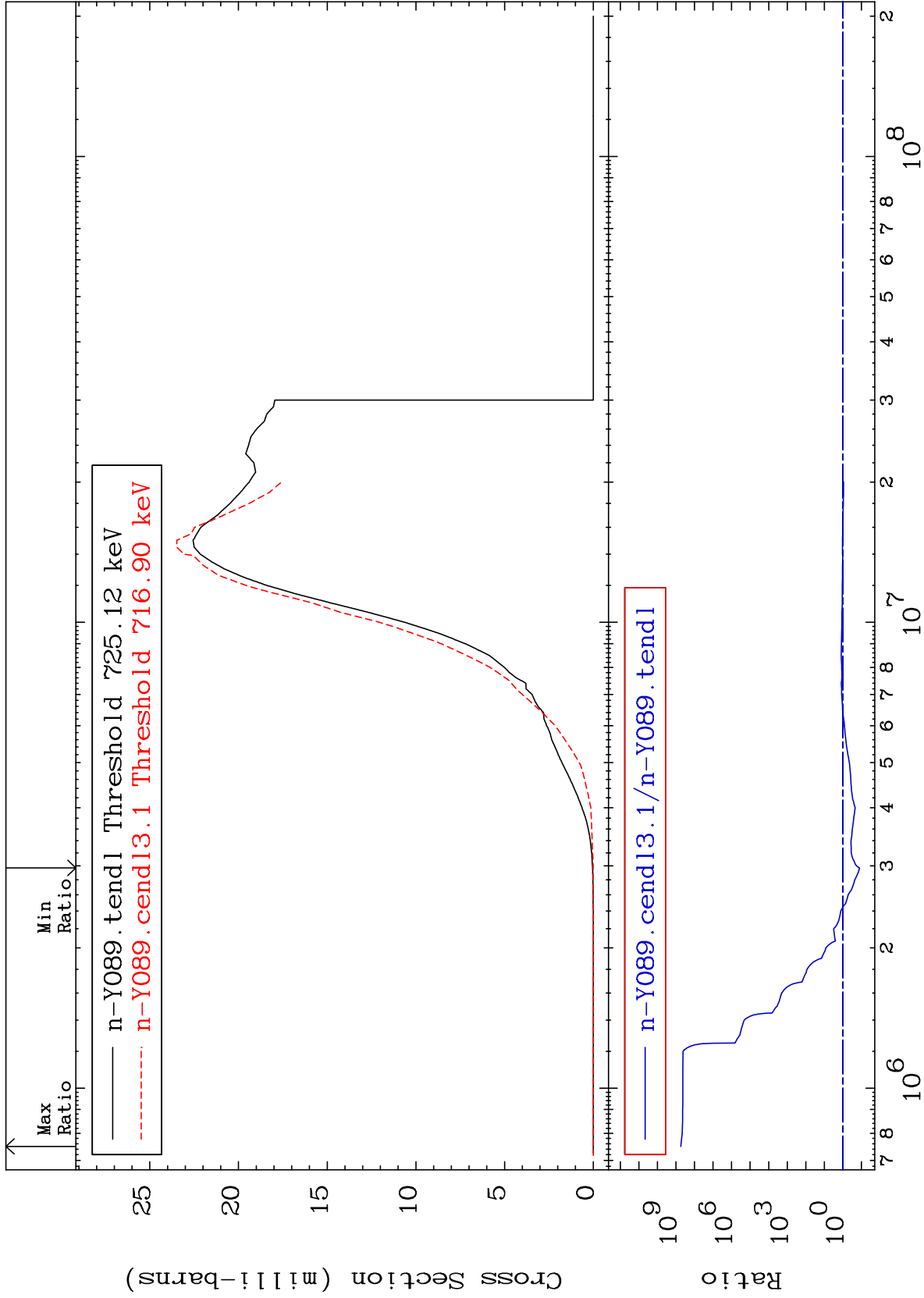
39-Y -89

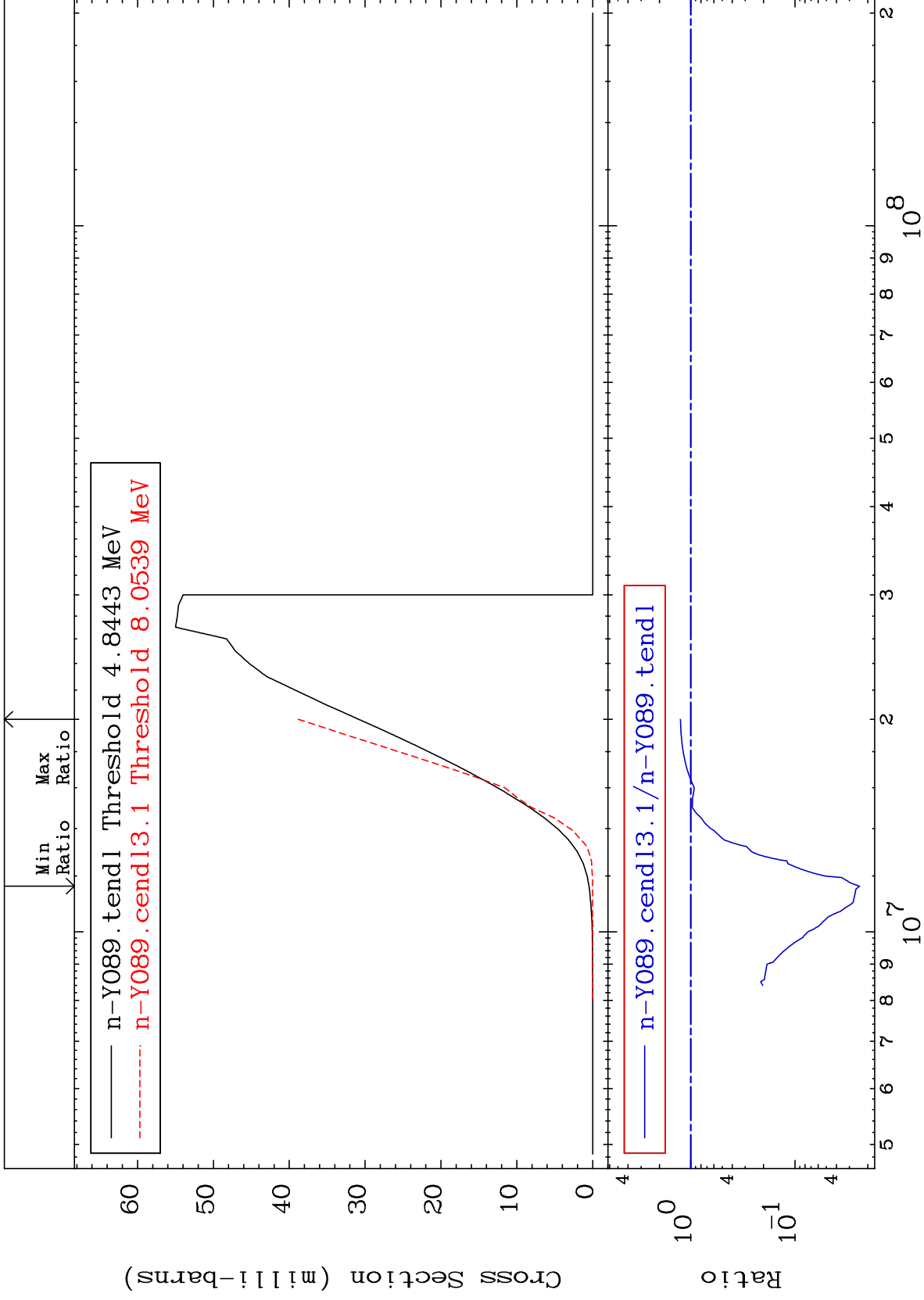


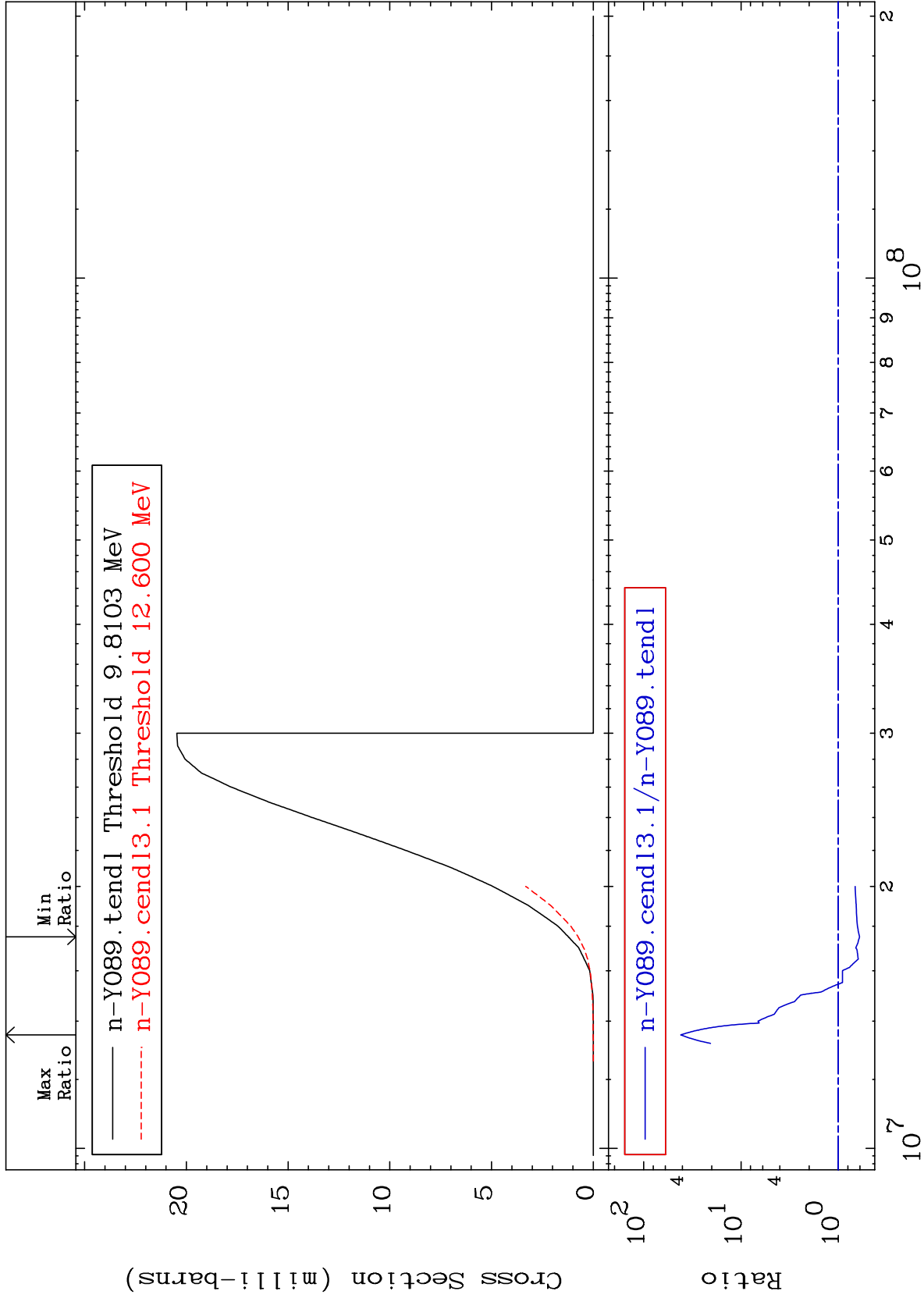








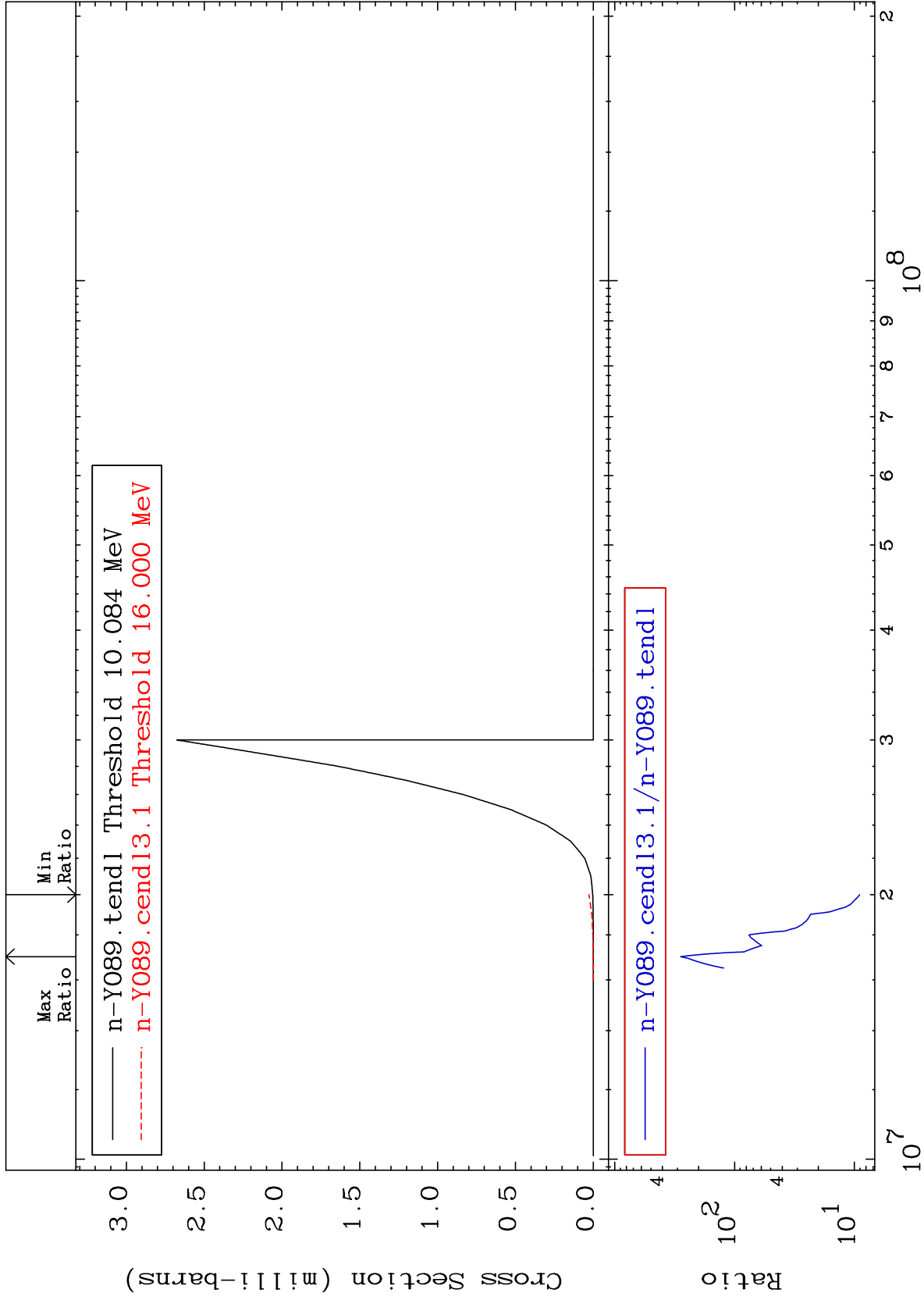






Cross Section

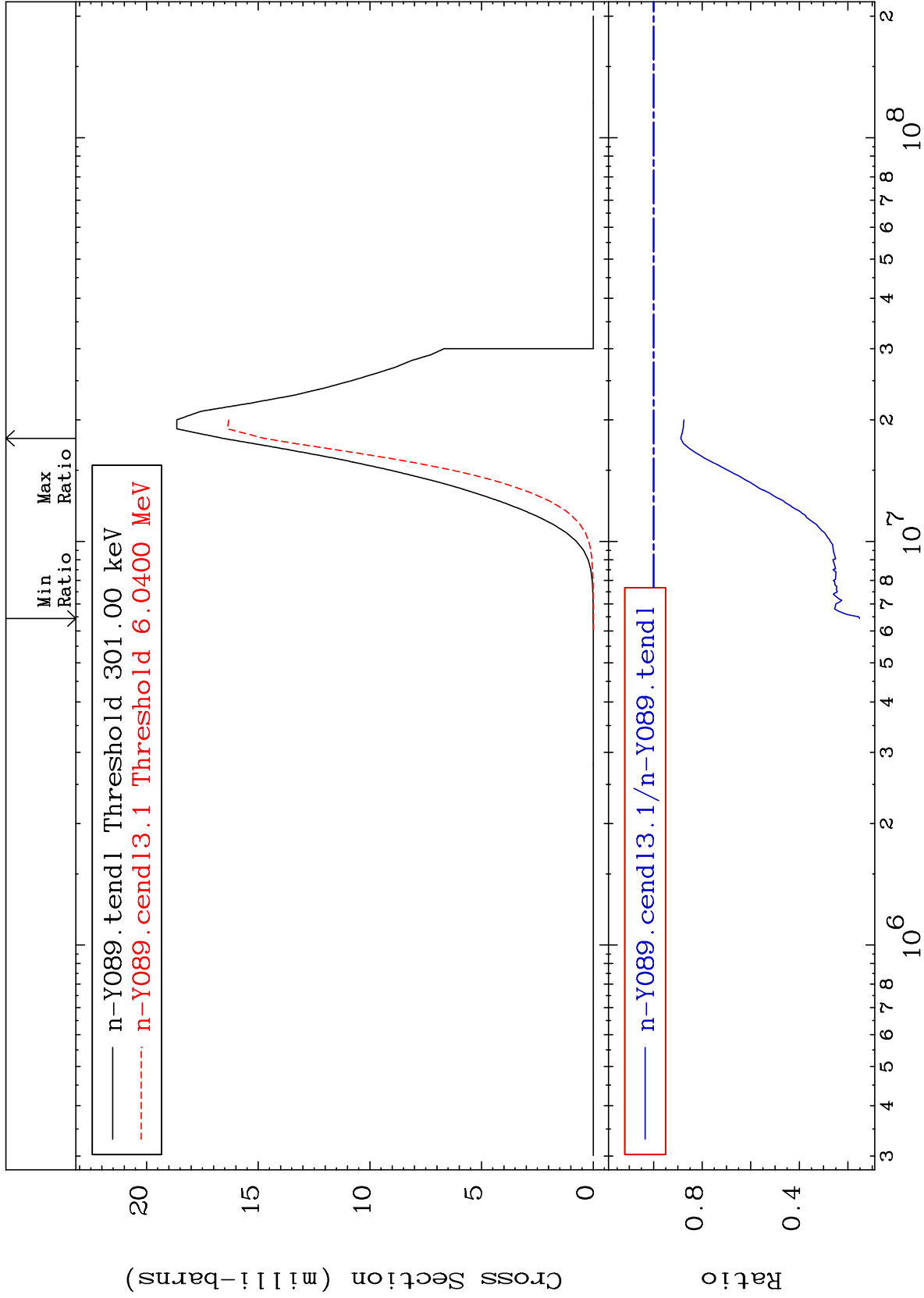
806.6 To 9999. %

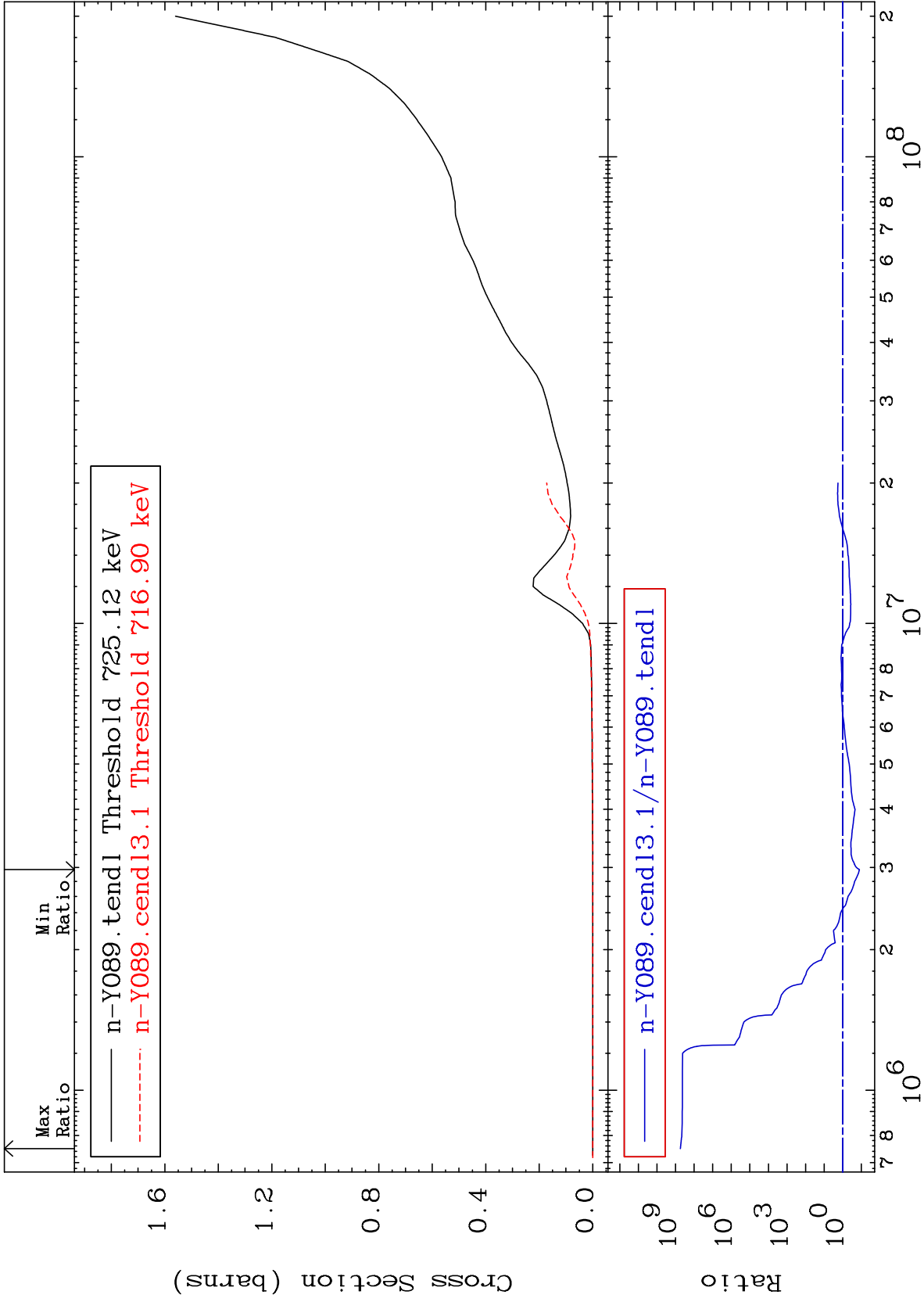


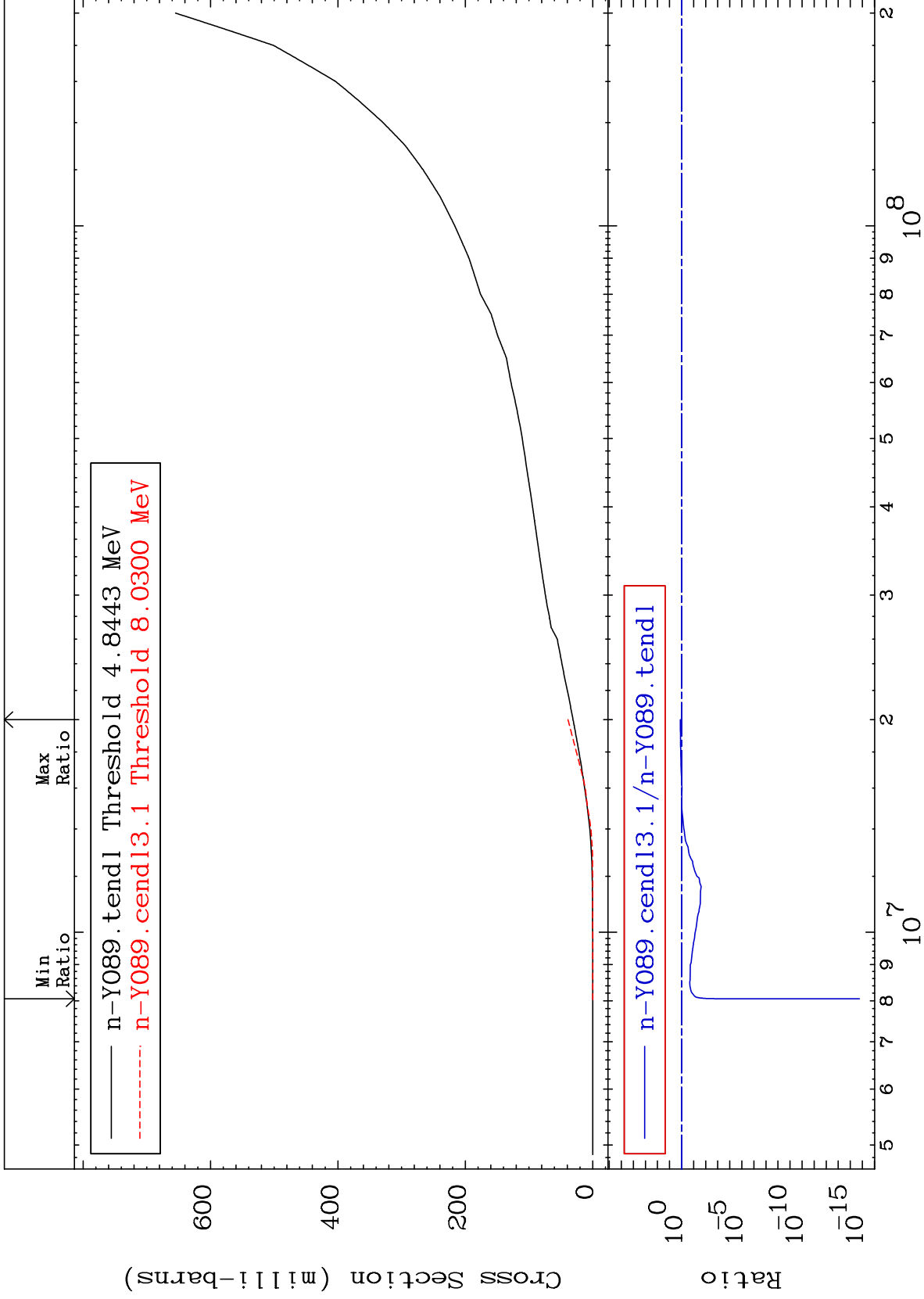
-84.81 To -11.20%

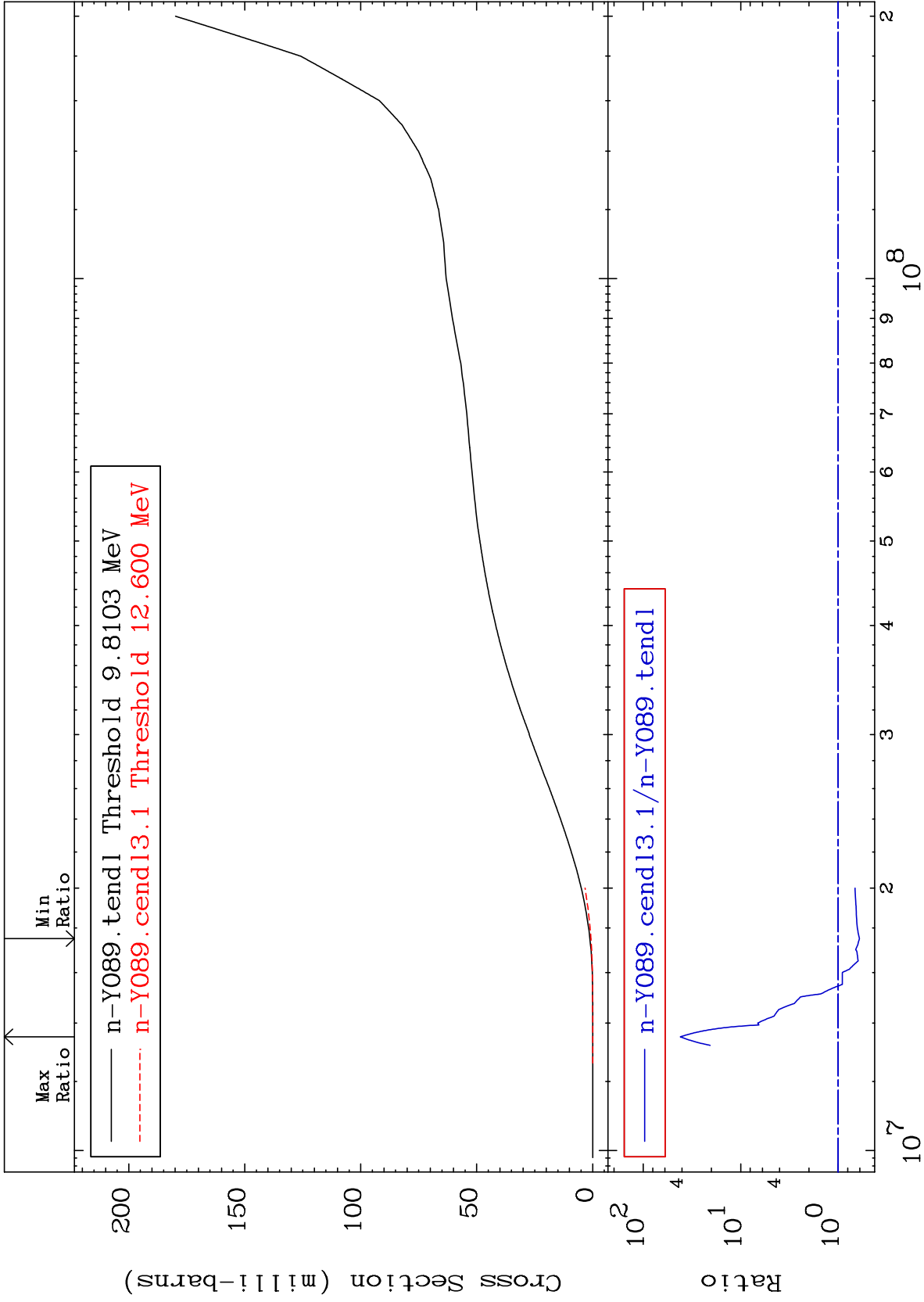
(n,  $\alpha$ )

Cross Section





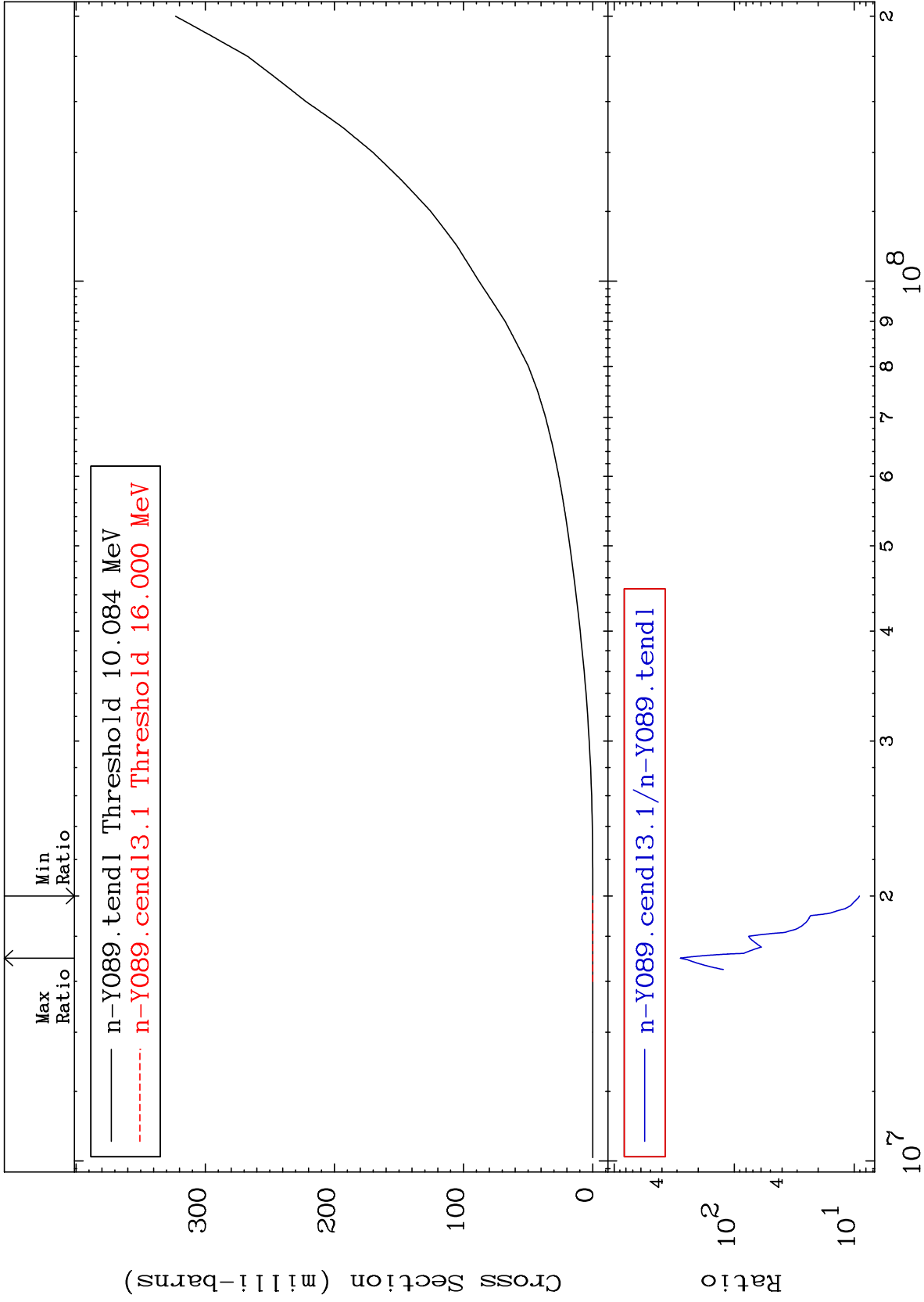




MAT 3925

He-3 Production  
Cross Section

39-Y -89  
806.6 To 9999. %



39-Y -89

Incident Energy (eV)

30

