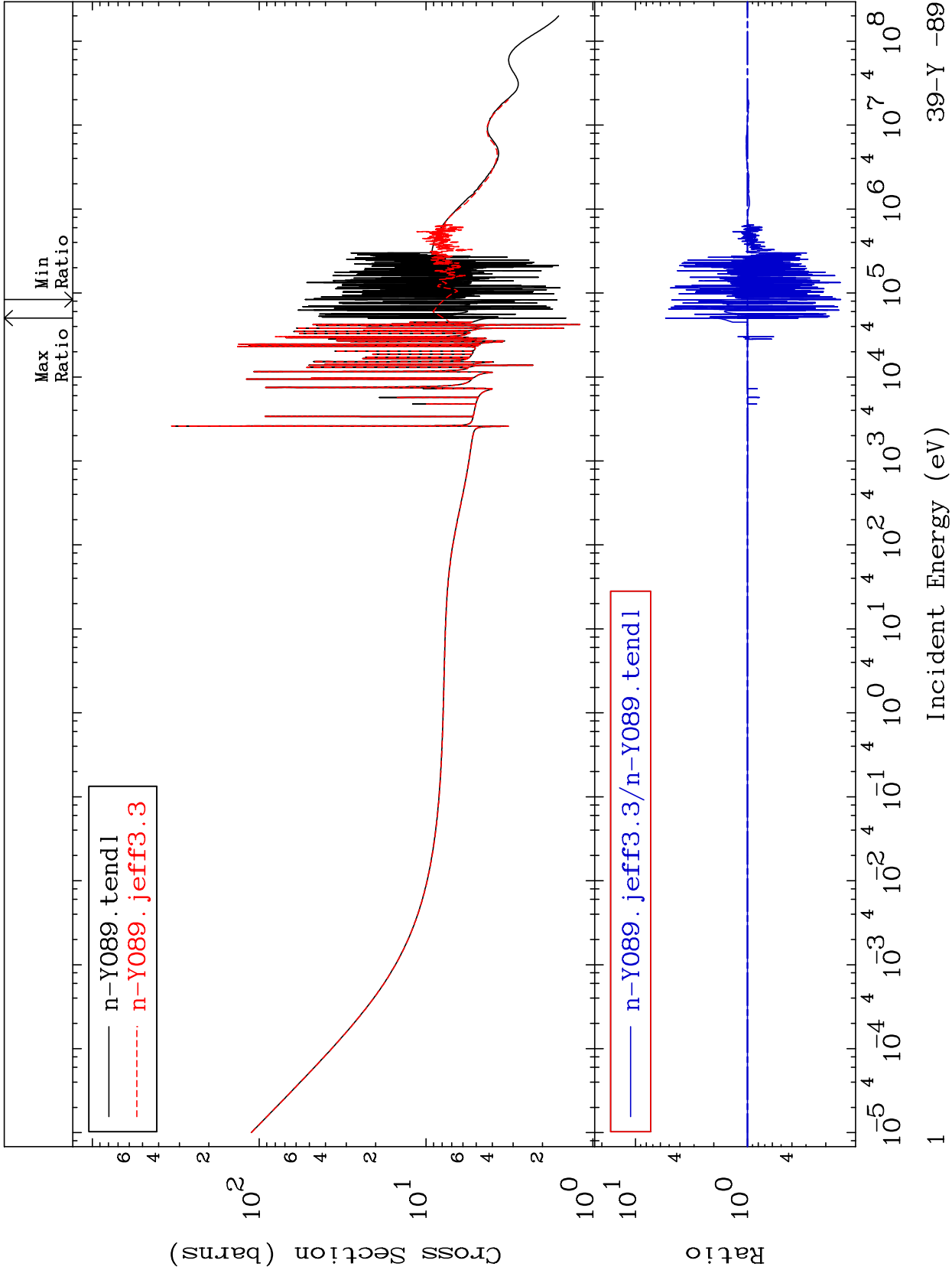
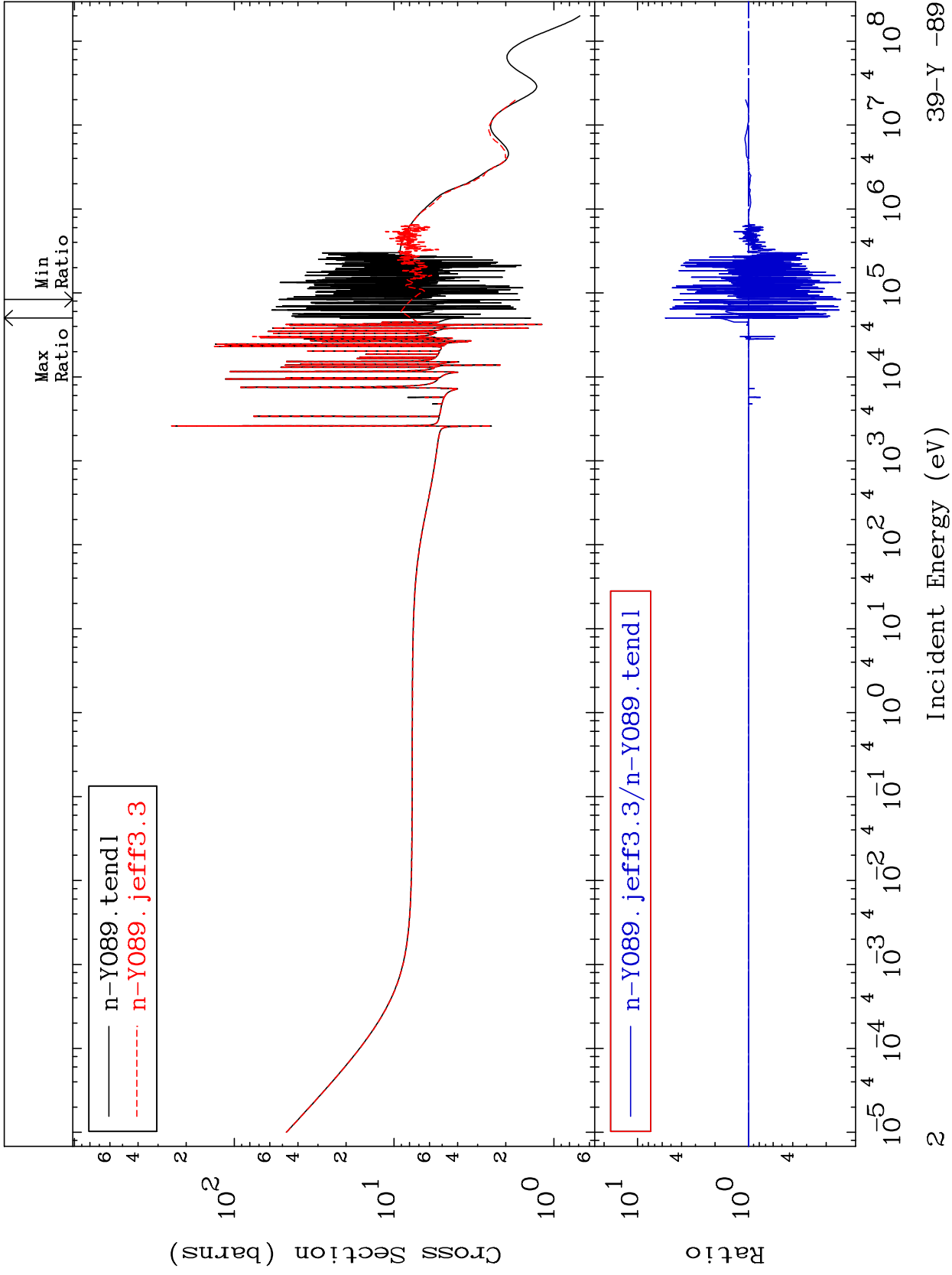


MAT 3925

Total  
Cross Section

39-Y -89  
-85.29 To 439.2 %

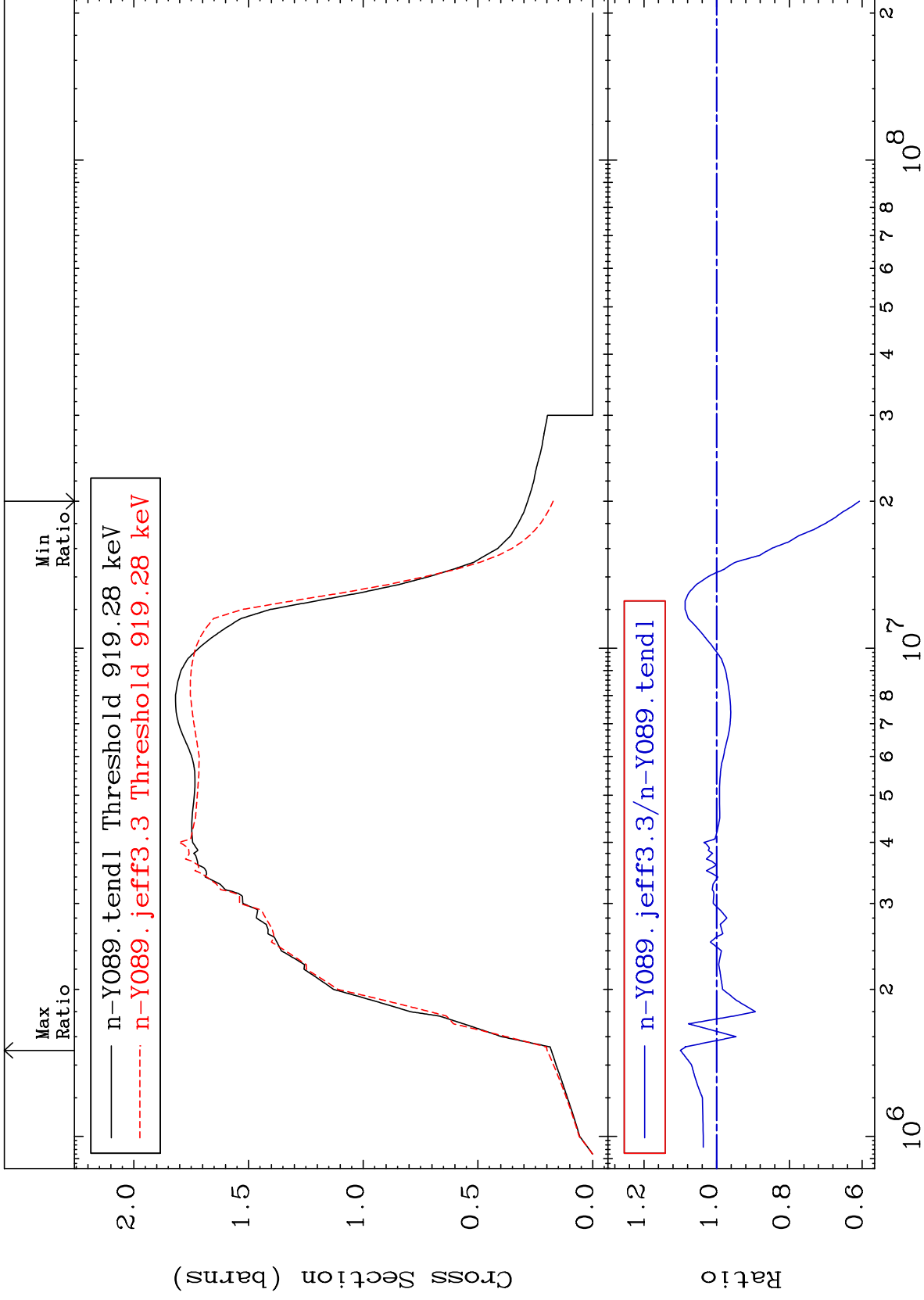


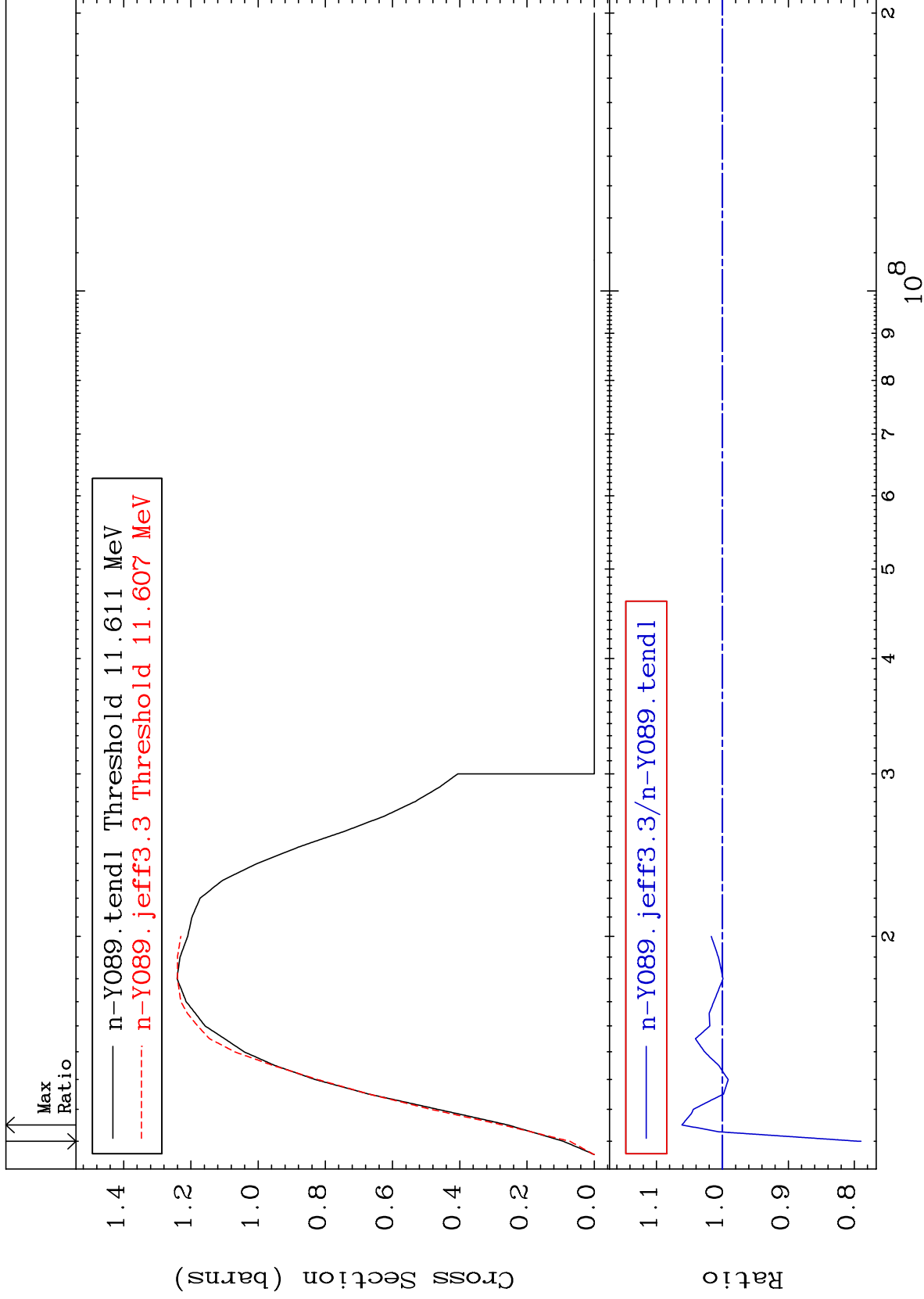


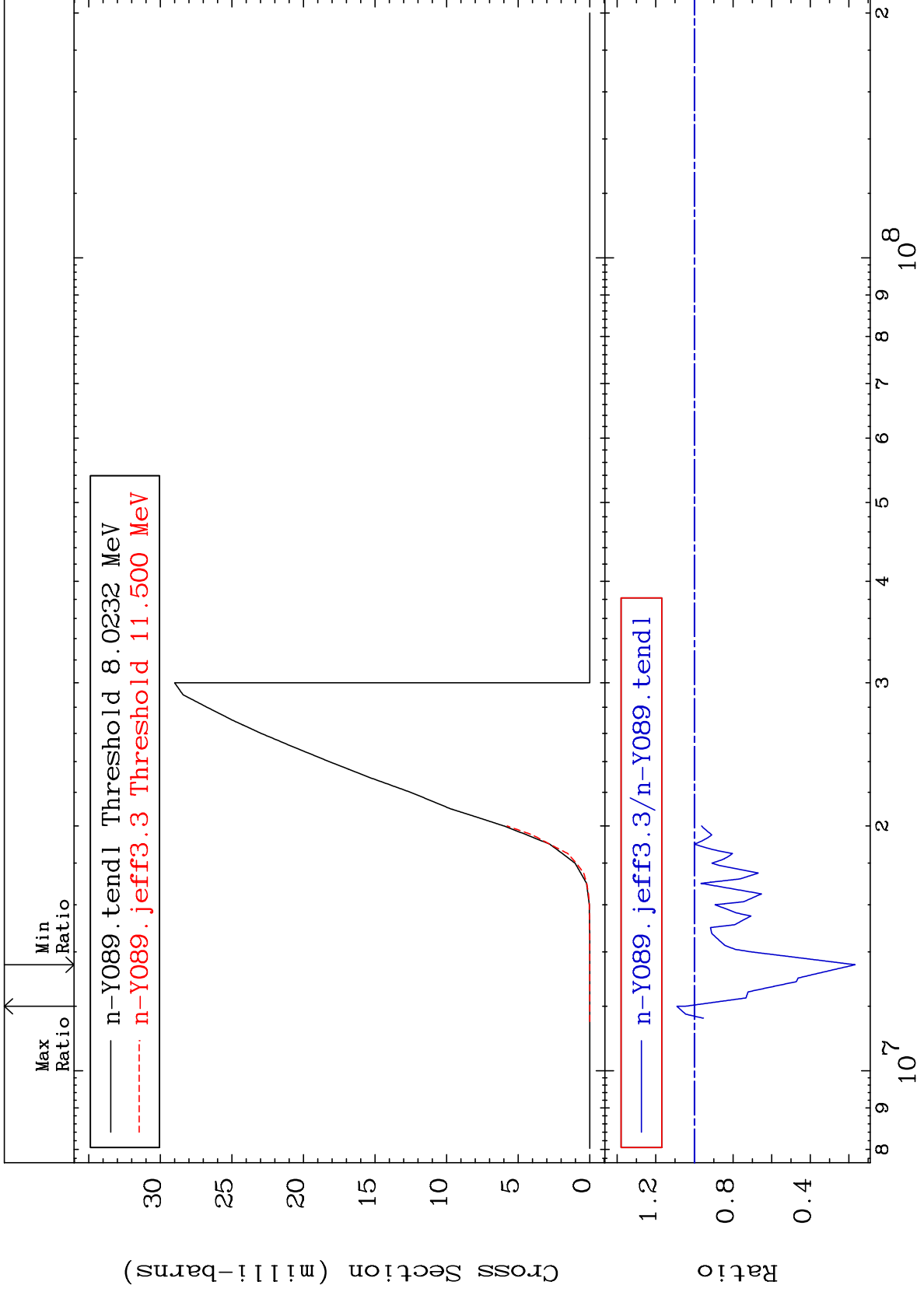
MAT 3925

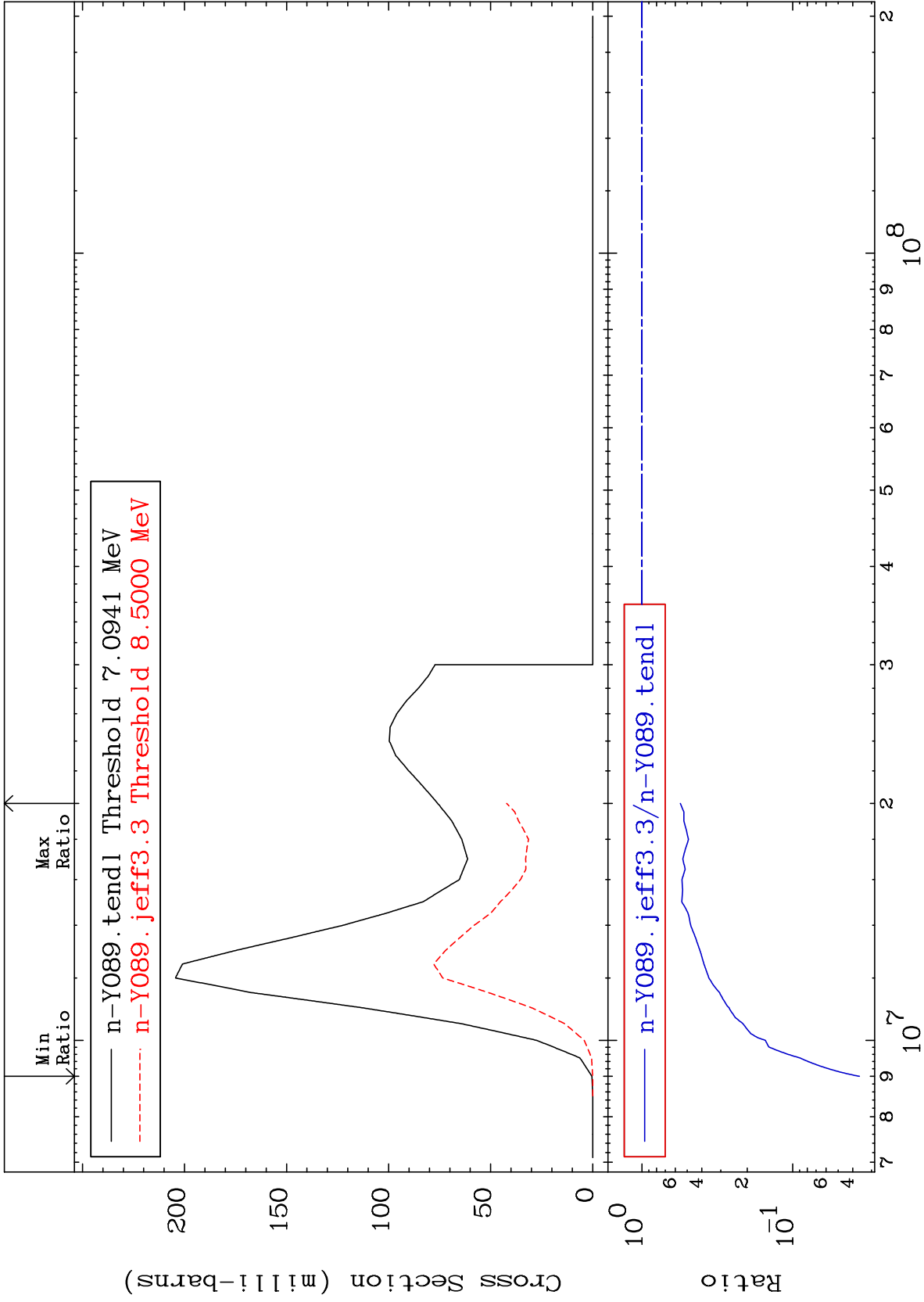
Inelastic  
Cross Section

39-Y -89  
-39.28 To 9.988 %





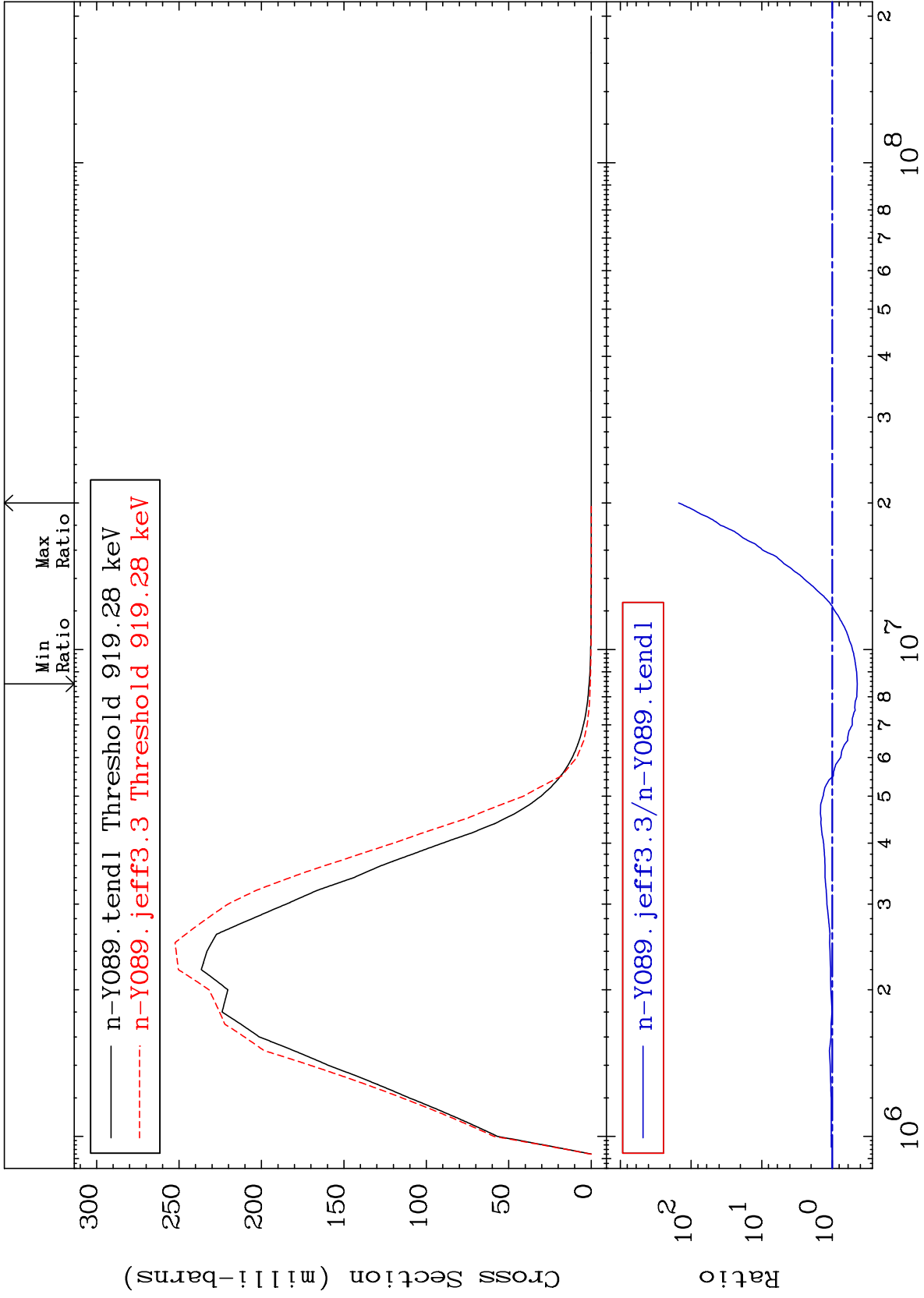




MAT 3925

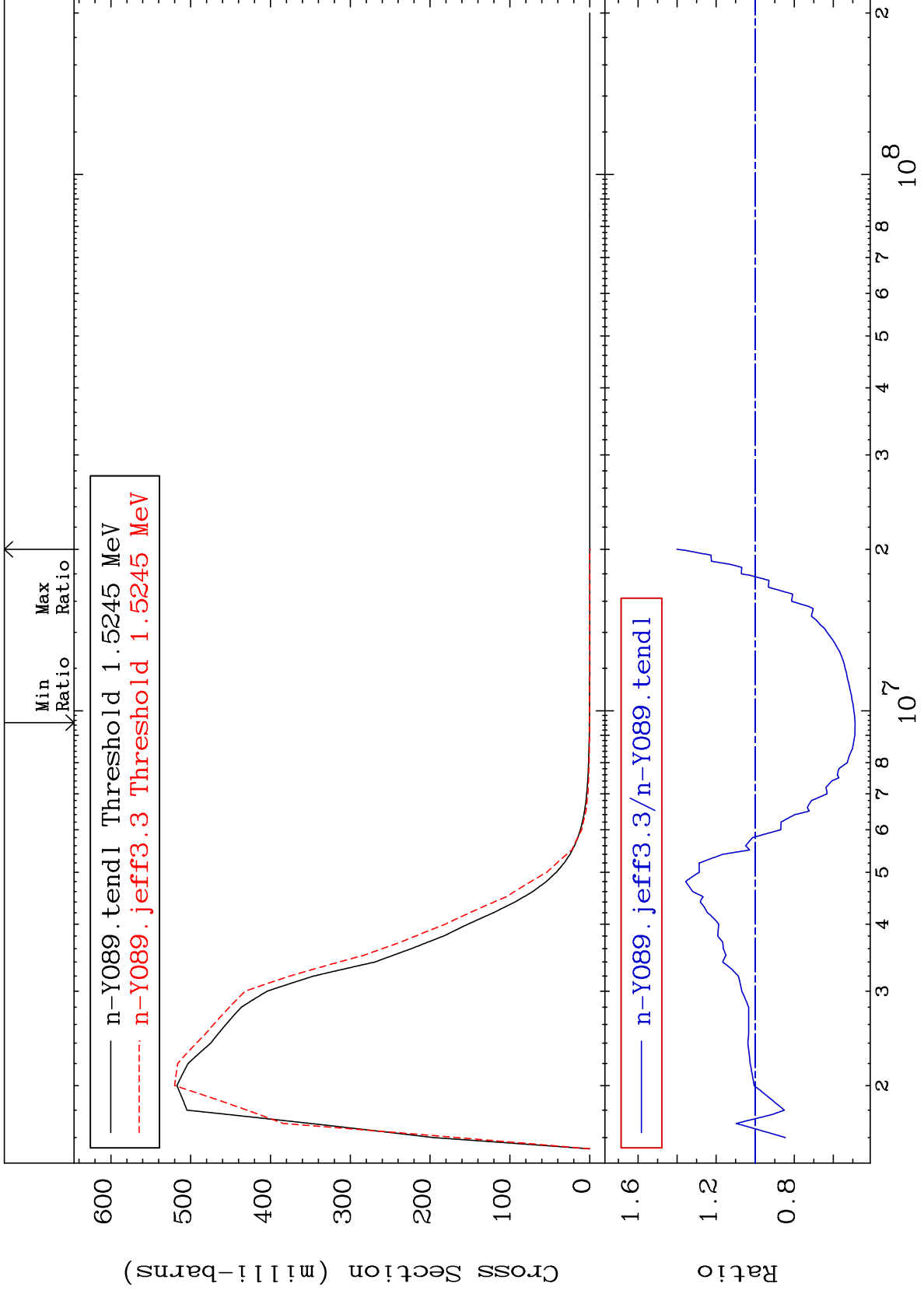
MT= 51 (n,n') Level  
Cross Section

39-Y -89  
-55.62 To 9999. %

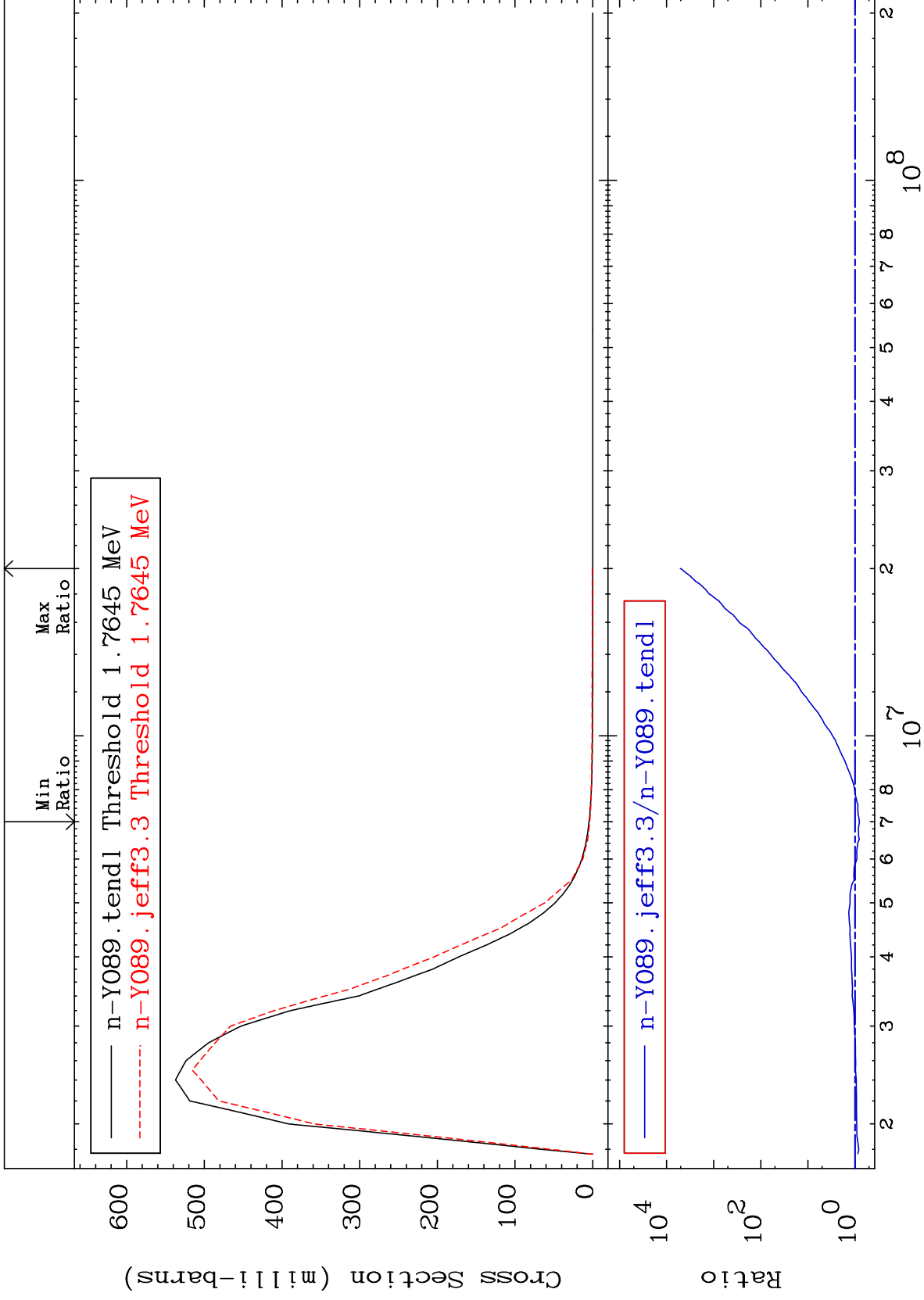


Incident Energy (eV)

39-Y -89



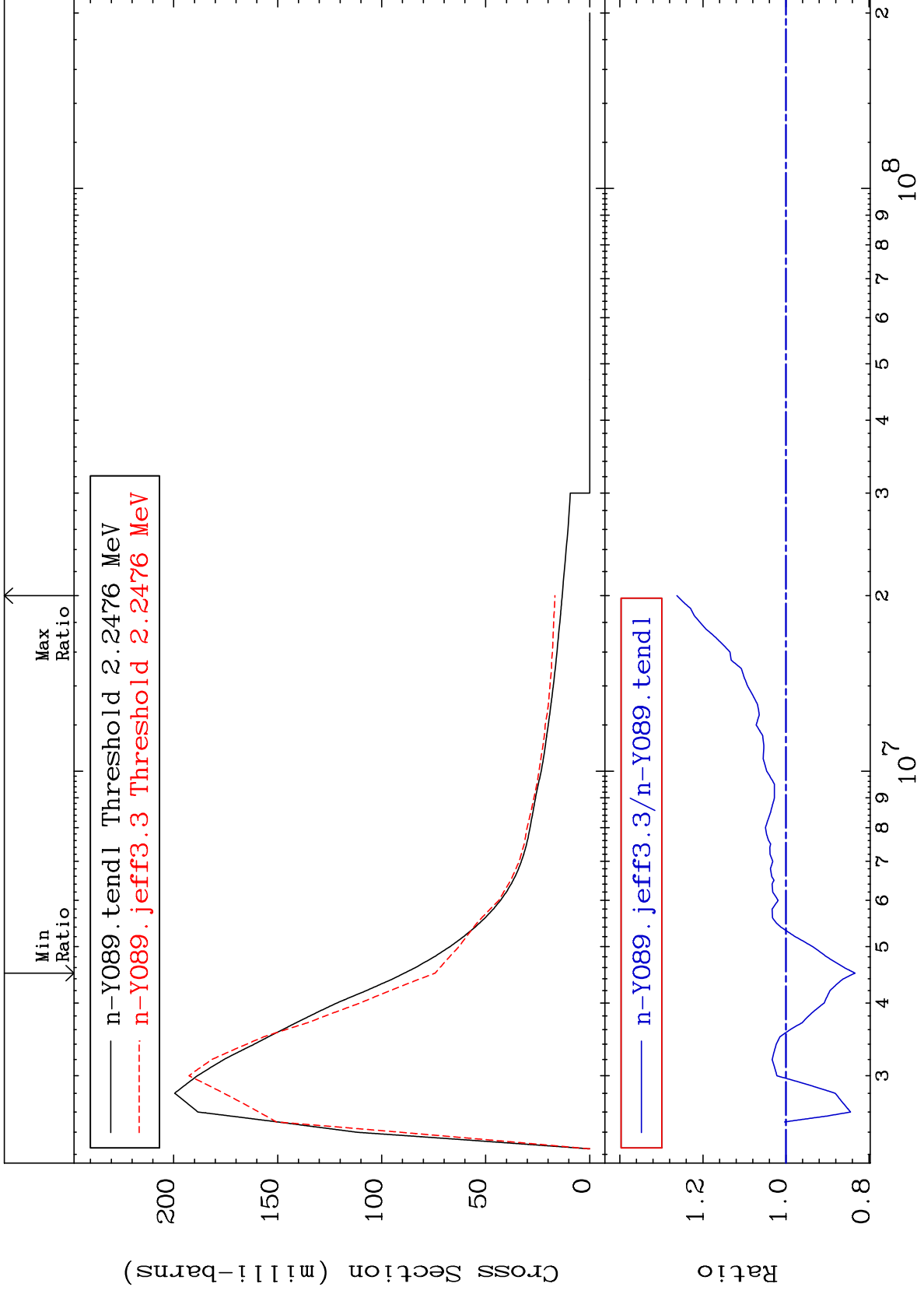




MAT 3925

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

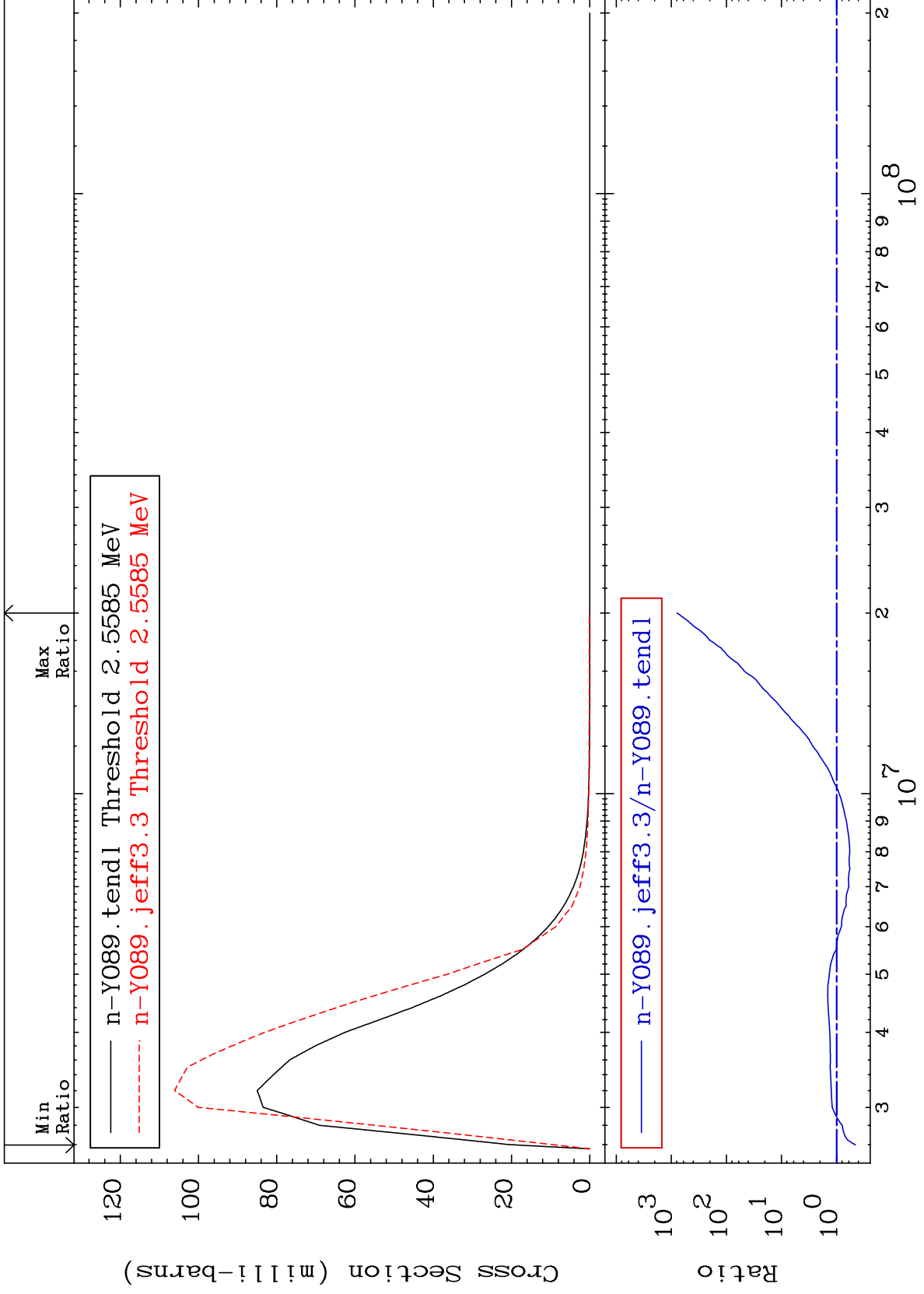
39-Y -89  
-16.67 To 26.26 %



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Incident Energy (eV)

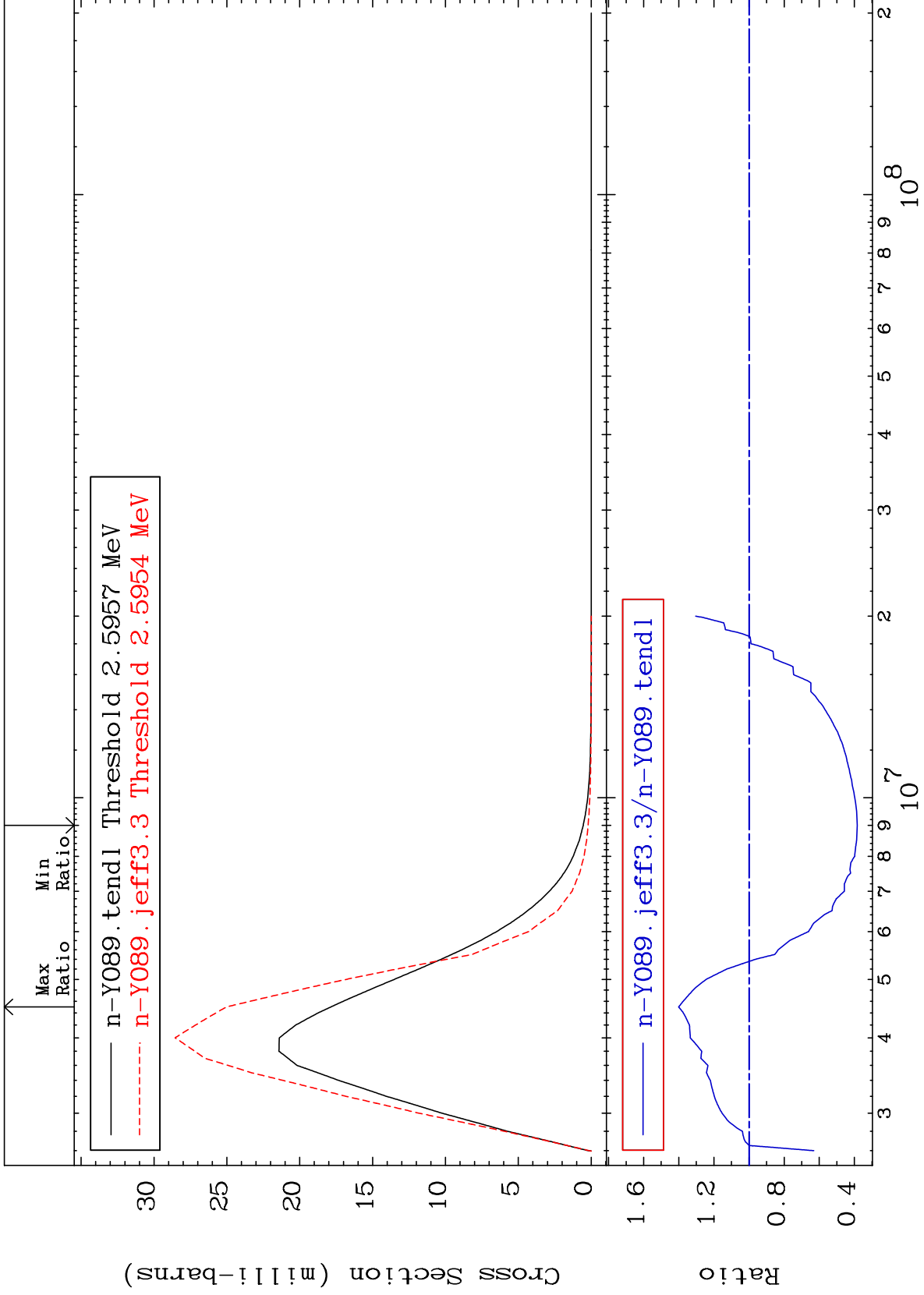
39-Y -89



MAT 3925

MT= 56 (n,n') Level  
Cross Section

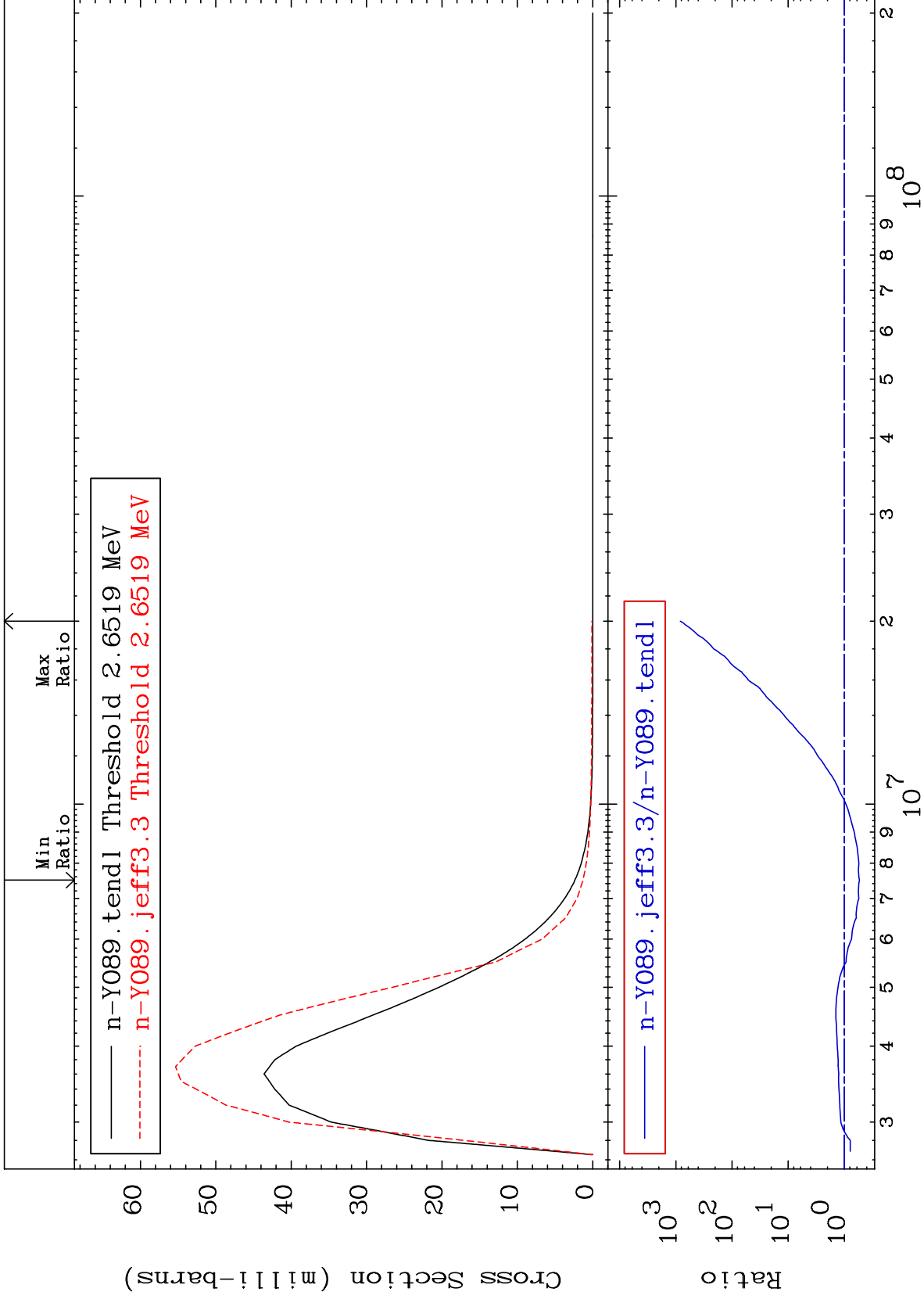
39-Y -89  
-61.63 To 40.08 %

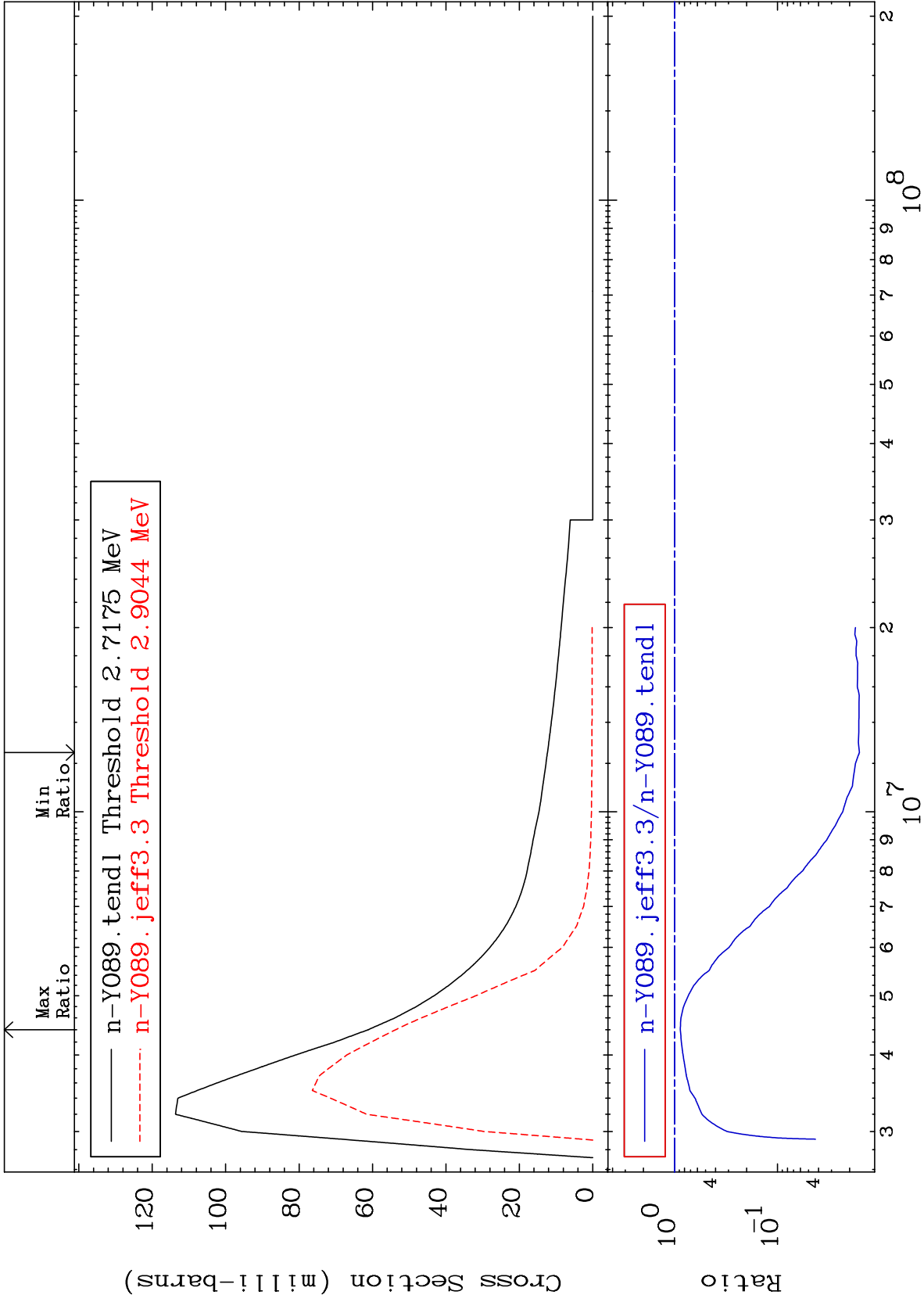


12

Incident Energy (eV)

39-Y -89





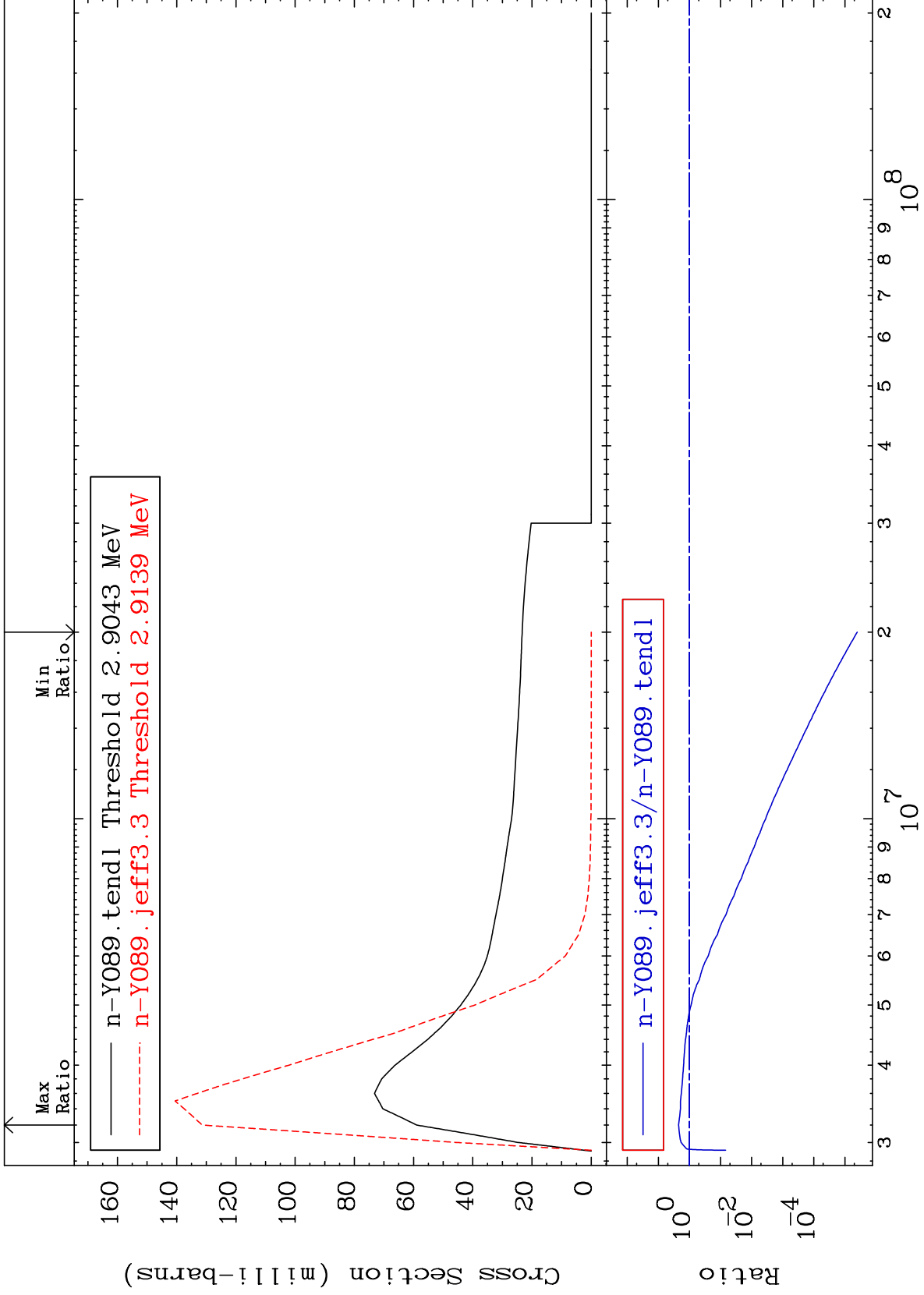
— n-Y089.tendl Threshold 2.7175 MeV  
- - - n-Y089.jeff3.3 Threshold 2.9044 MeV

— n-Y089.jeff3.3/n-Y089.tendl

MAT 3925

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

39-Y -89  
-100.0 To 122.8 %



15

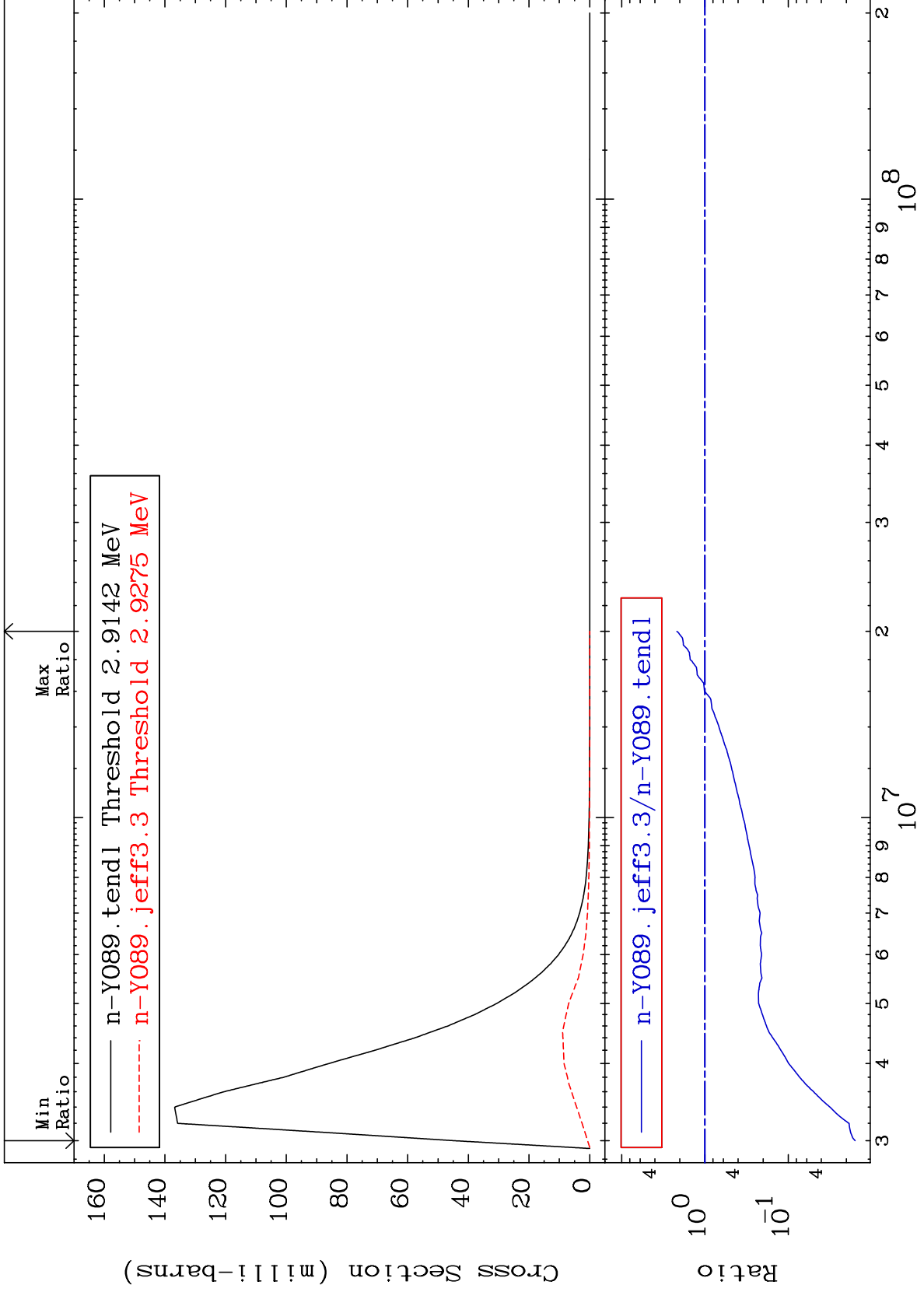
Incident Energy (eV)

39-Y -89

MAT 3925

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

39-Y -89  
-98.43 To 116.9 %

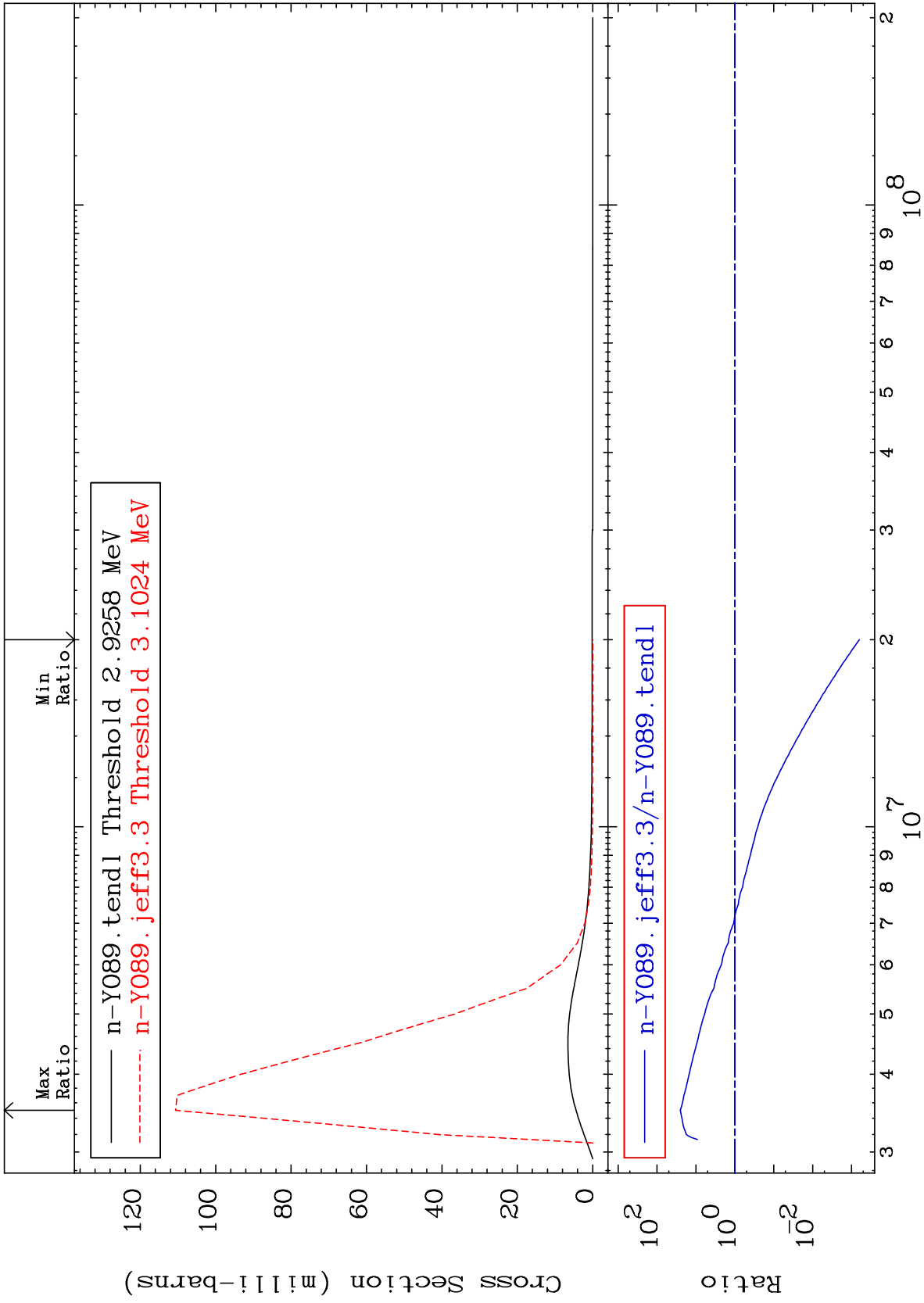


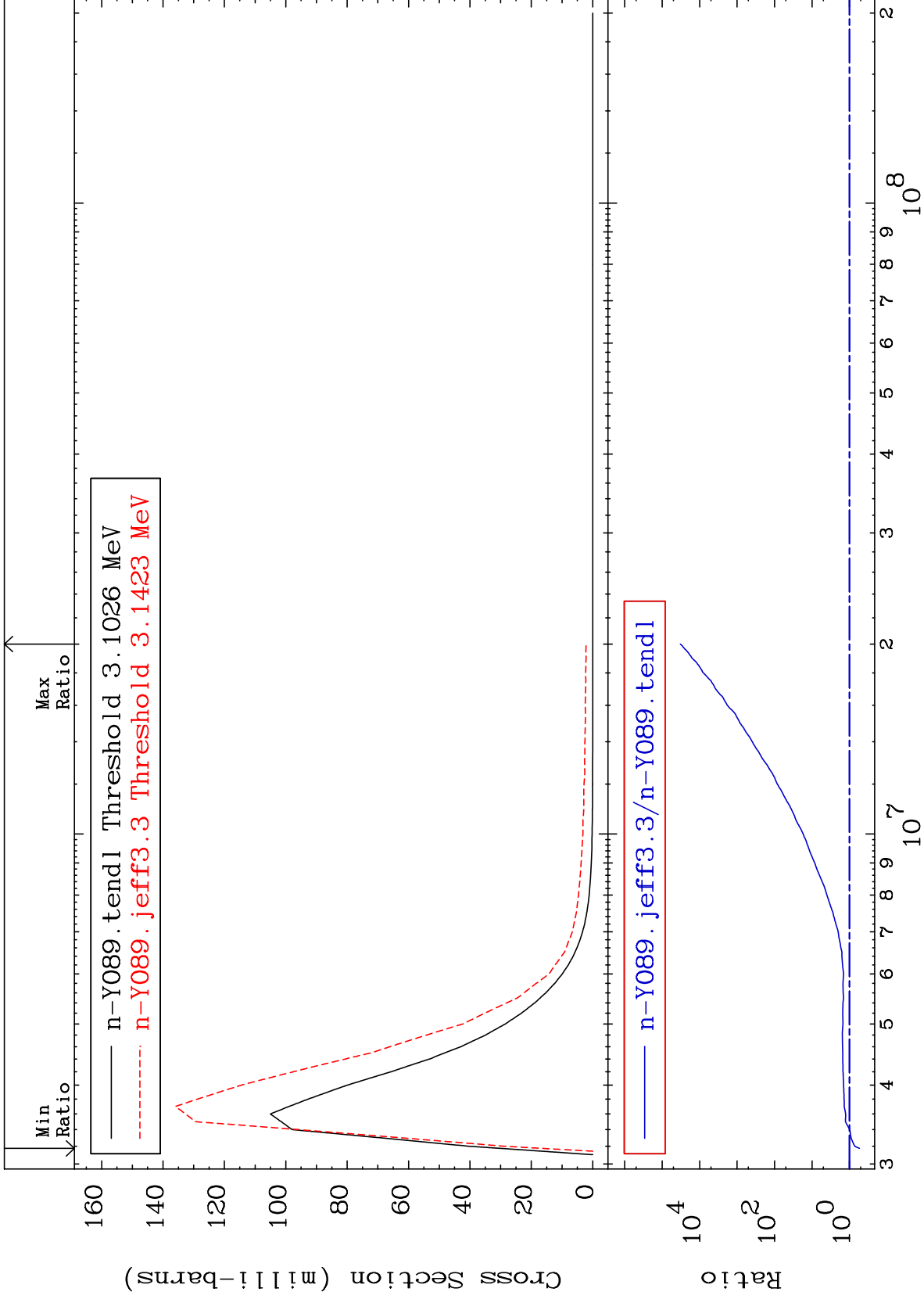
16

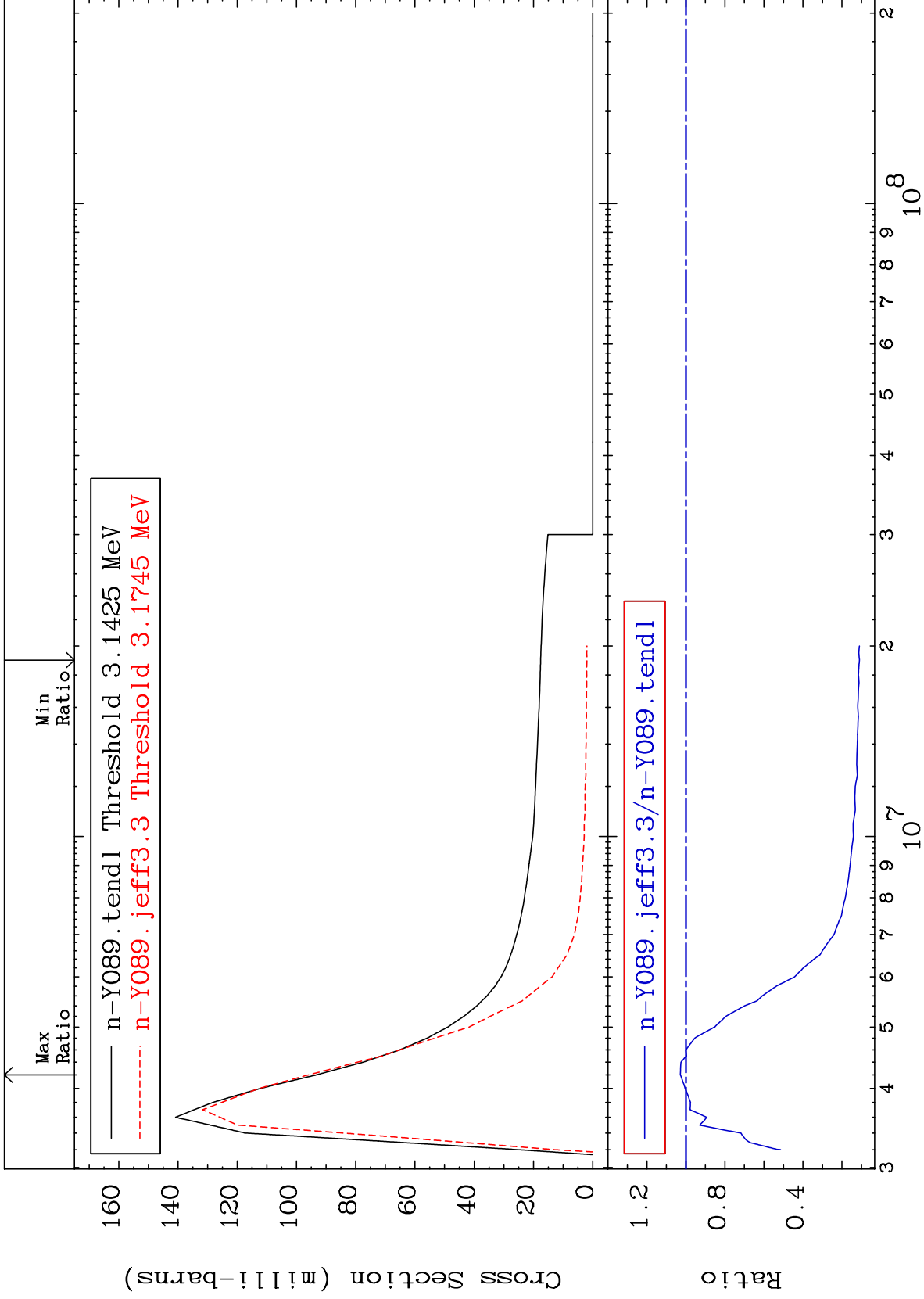
Incident Energy (eV)

39-Y -89





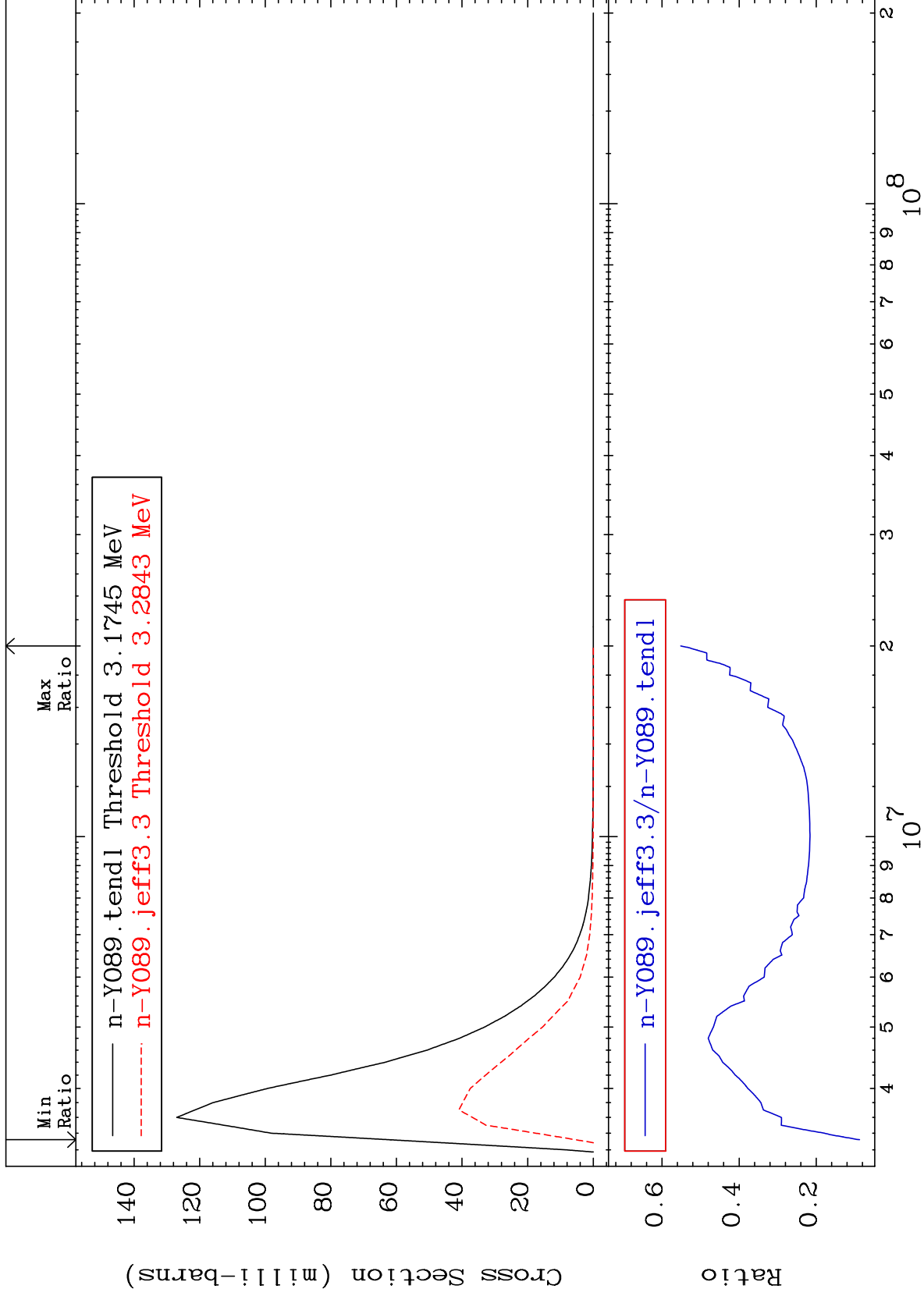




MAT 3925

MT= 64 (n, n') Level  
Cross Section

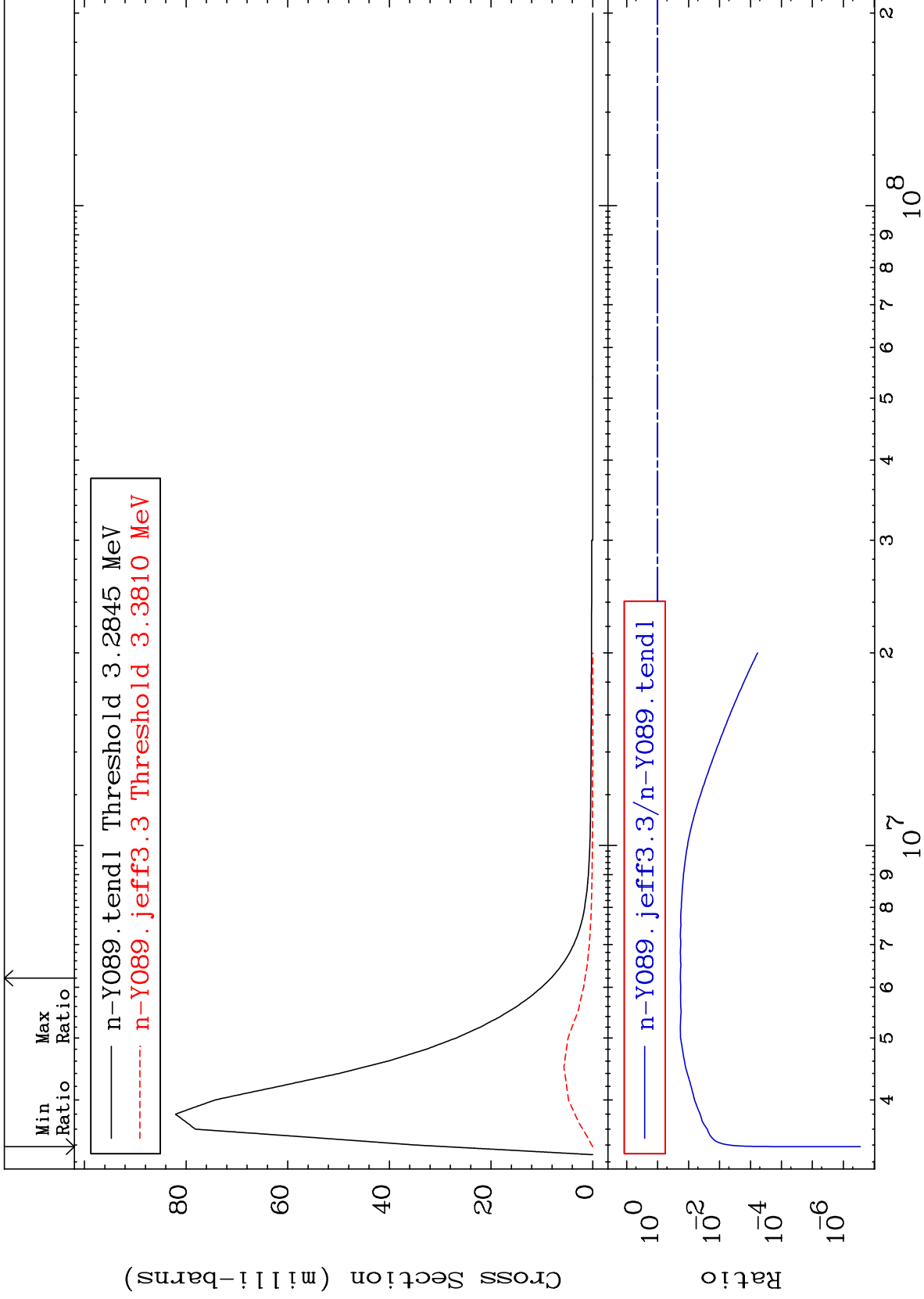
39-Y -89  
-91.25 To -44.86%

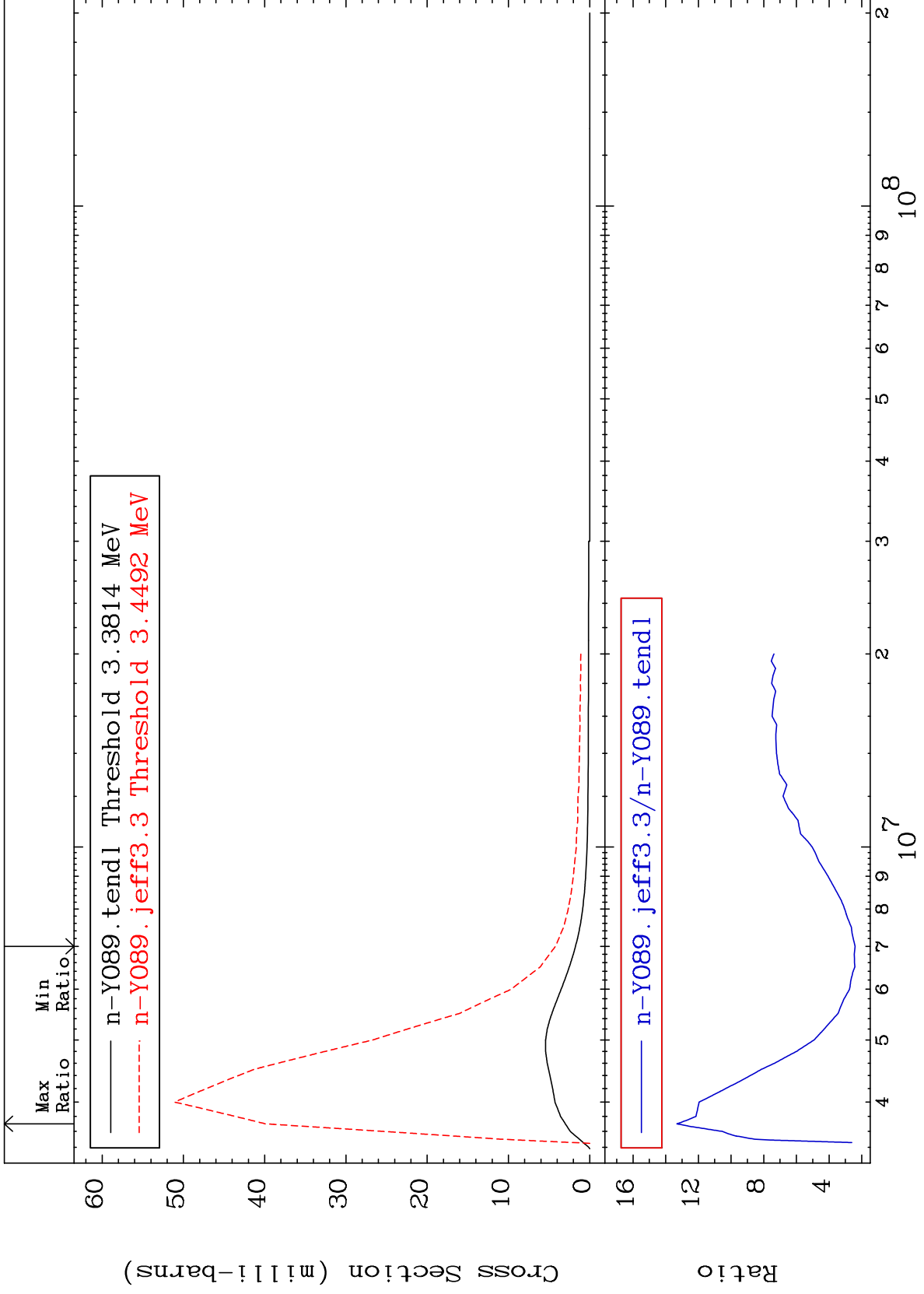


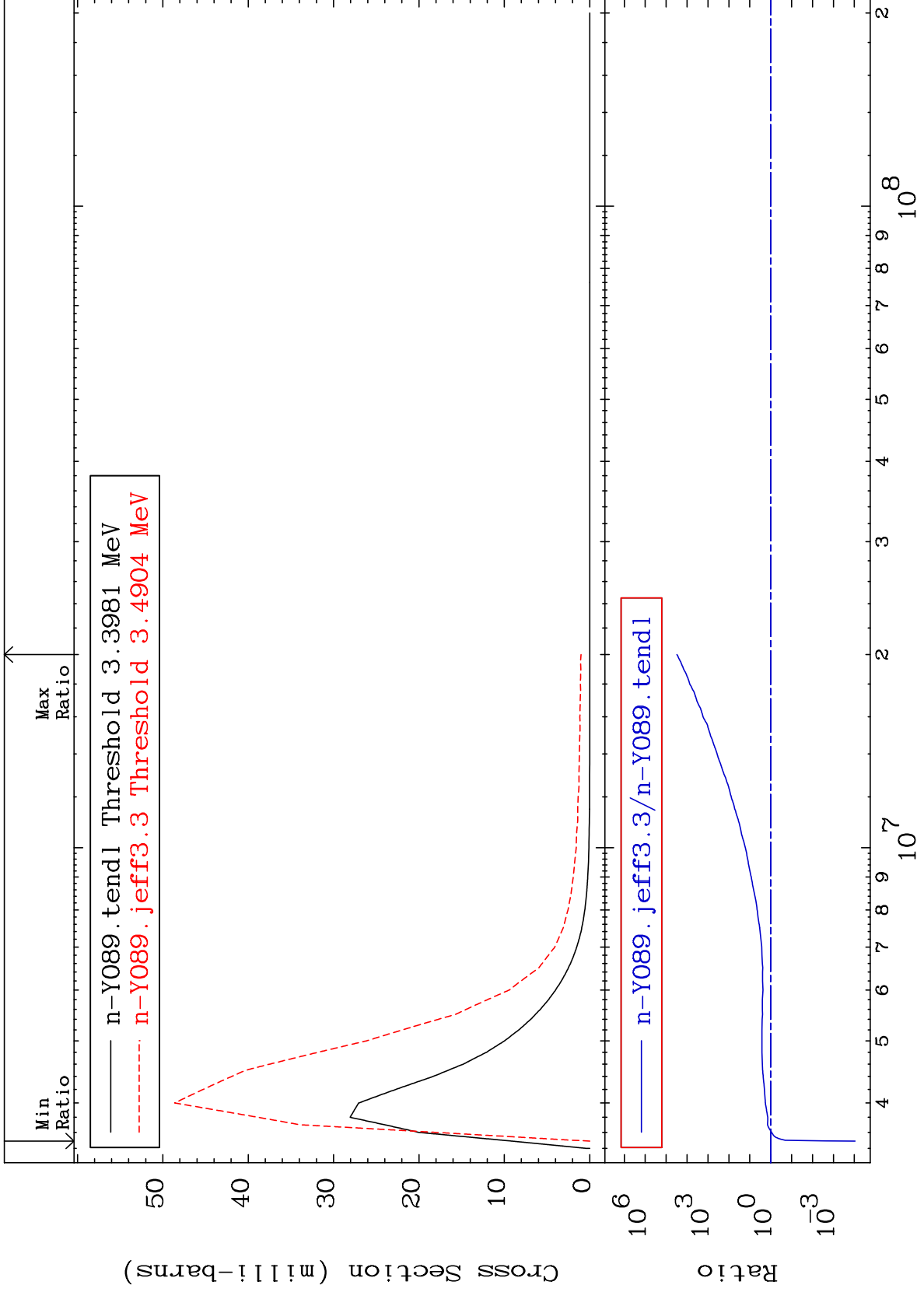
20

Incident Energy (eV)

39-Y -89



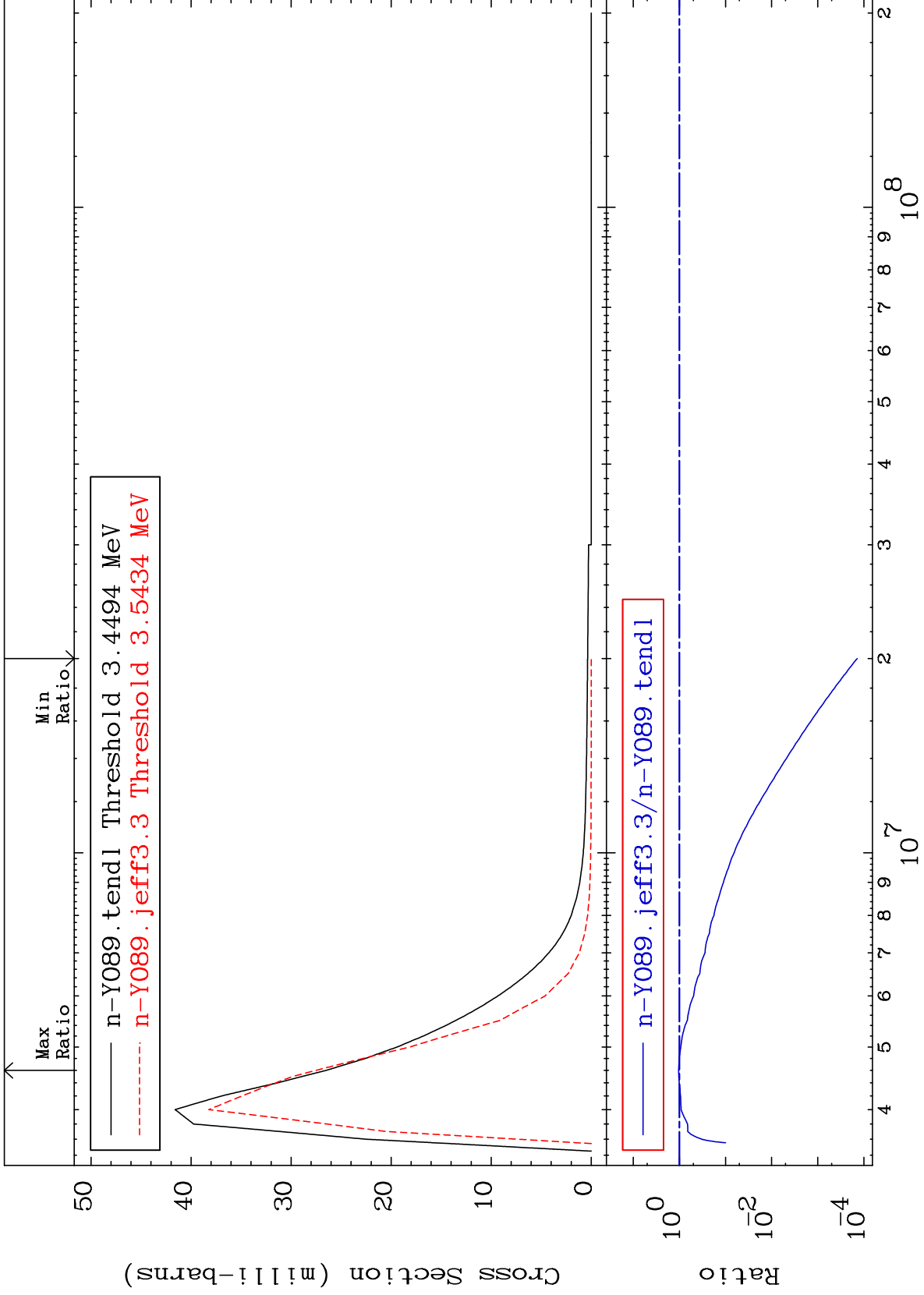




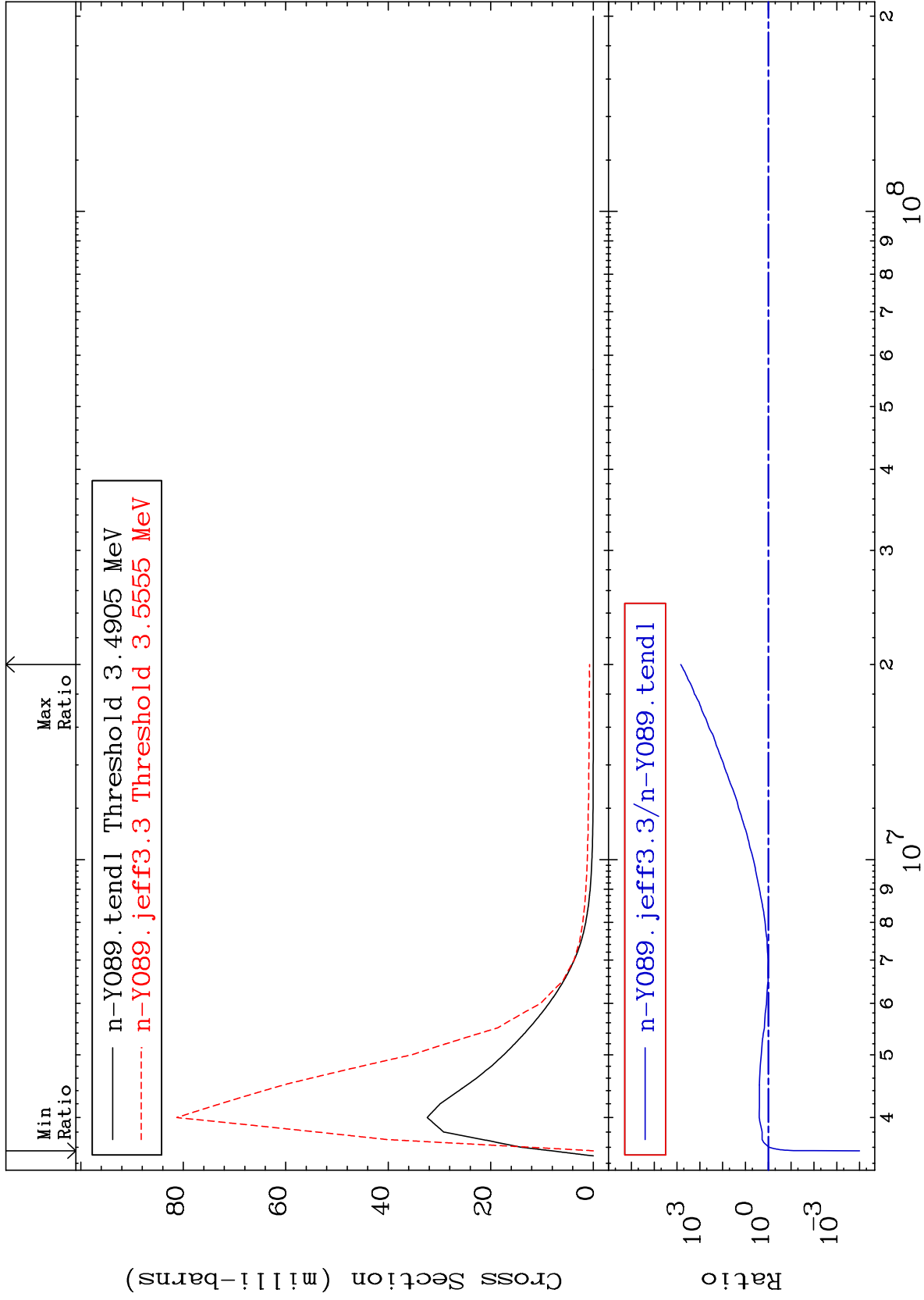
MAT 3925

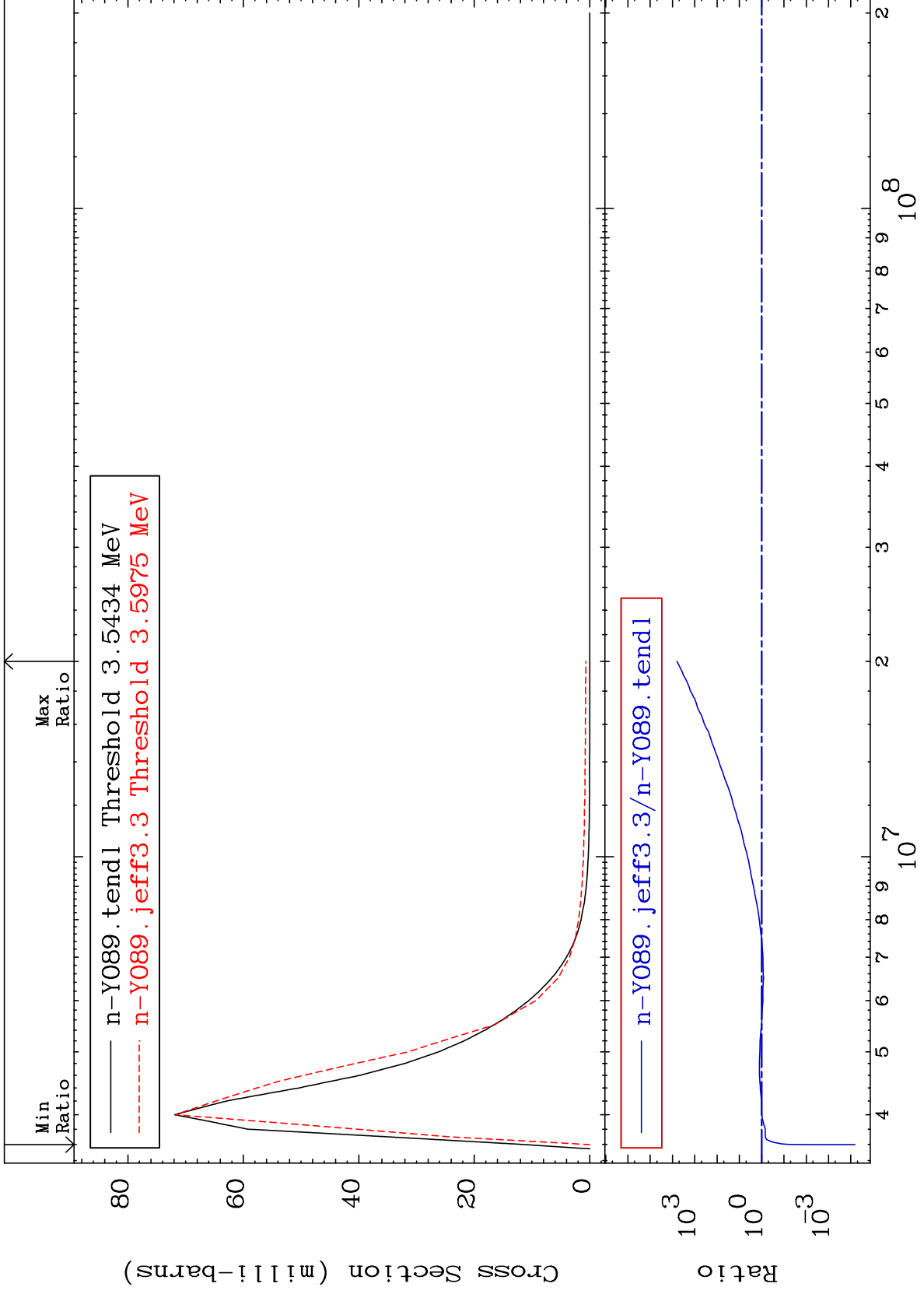
MT= 68 (n,n') Level  
Cross Section

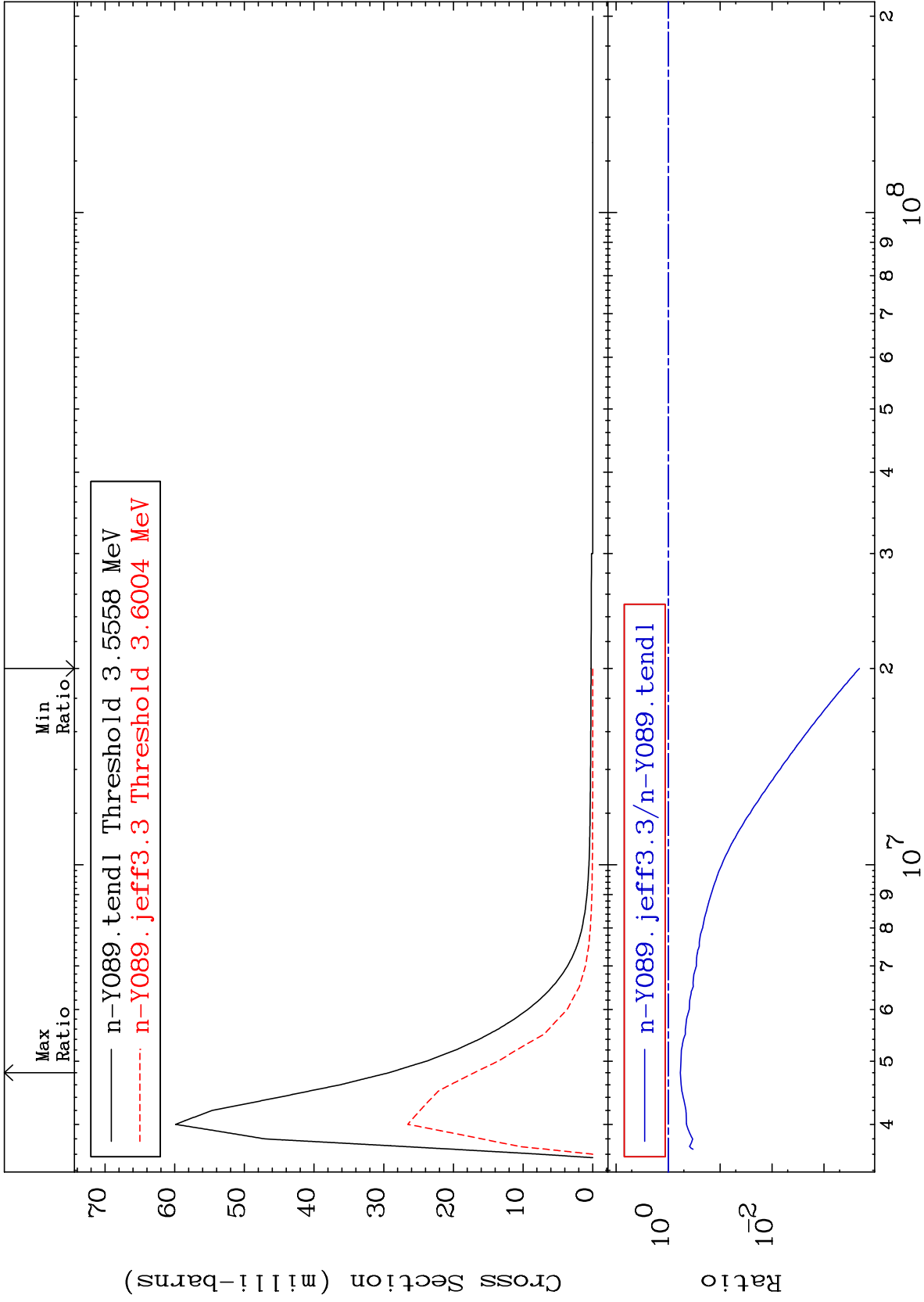
39-Y -89  
-99.99 To 3.876 %

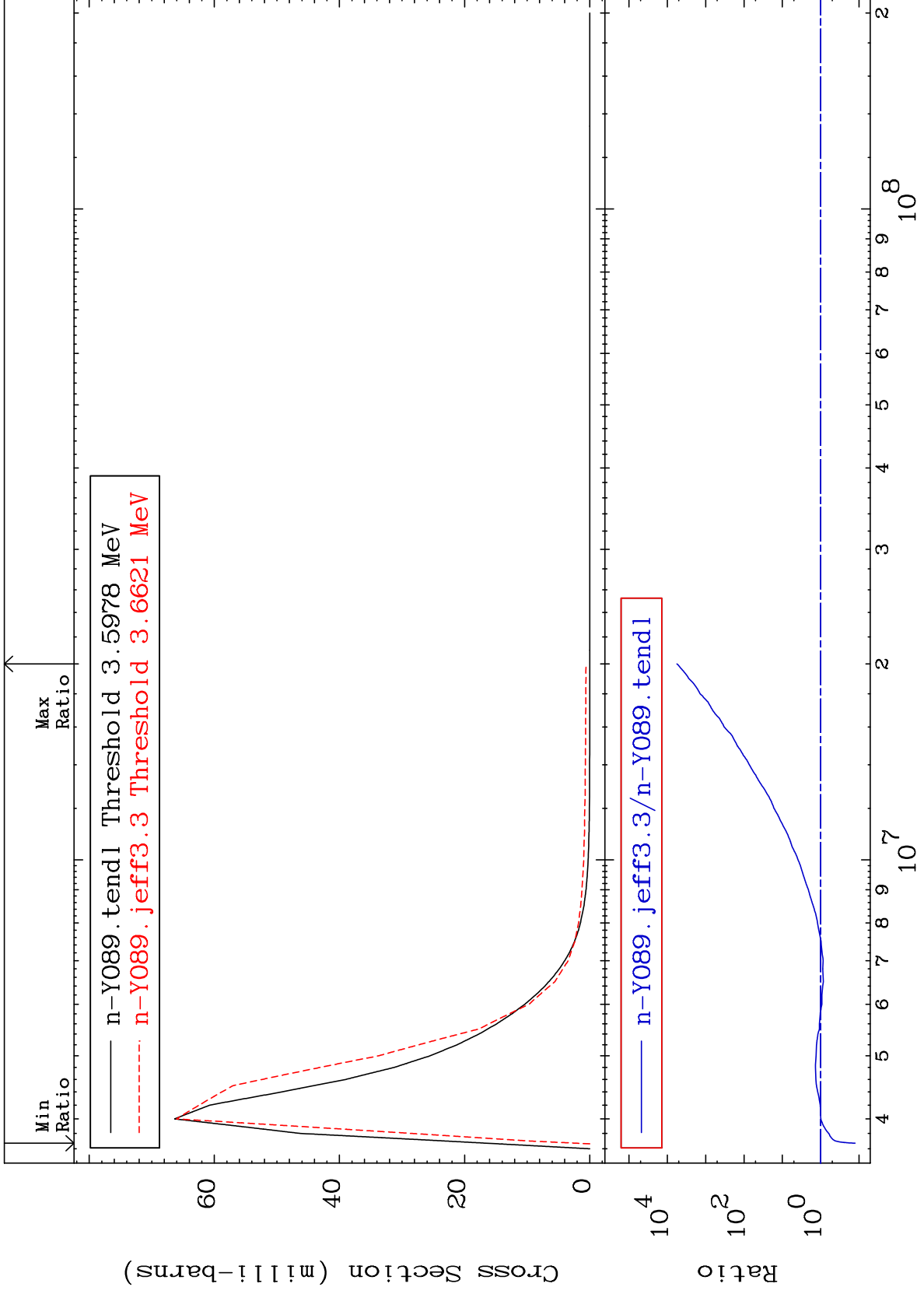


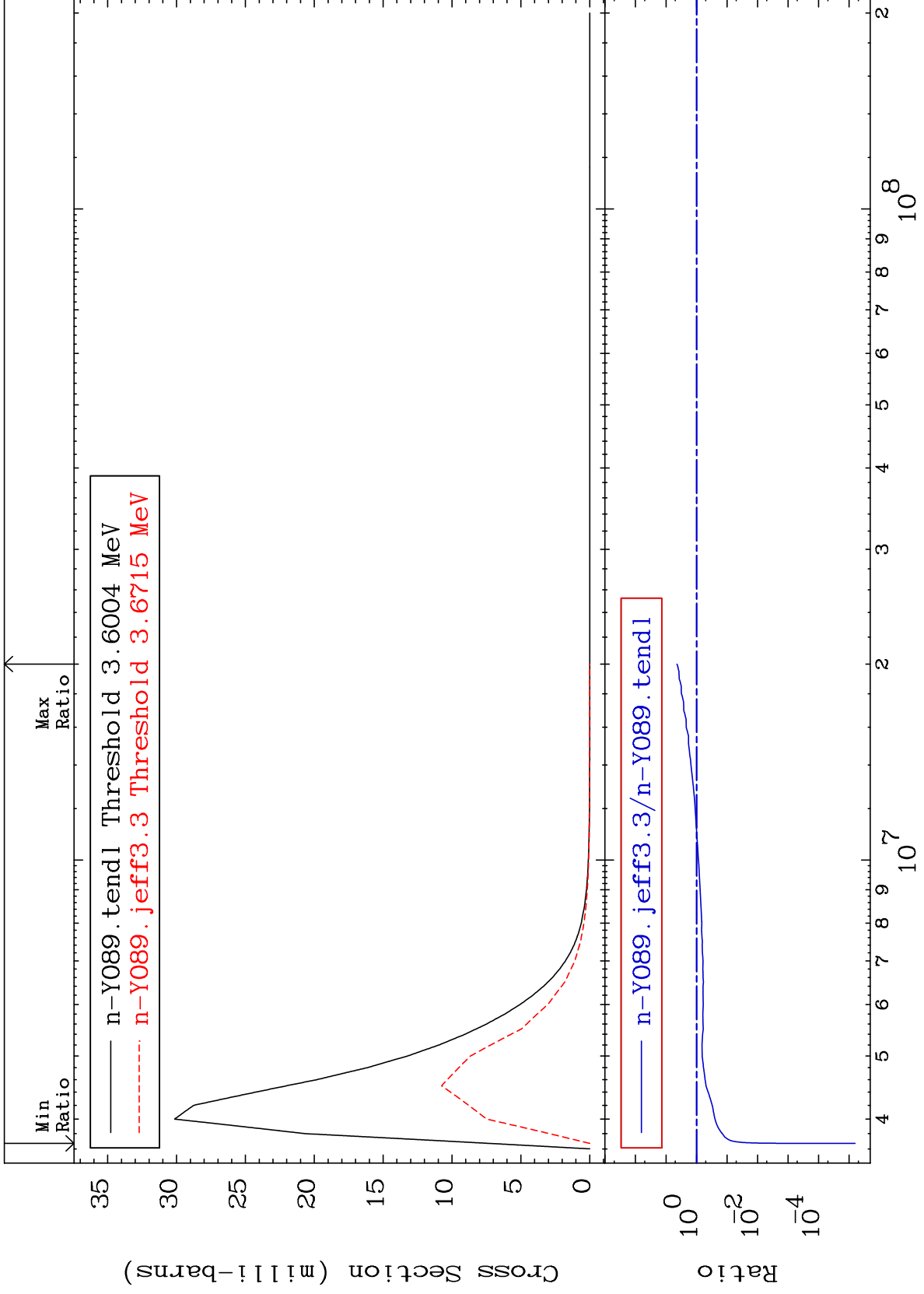








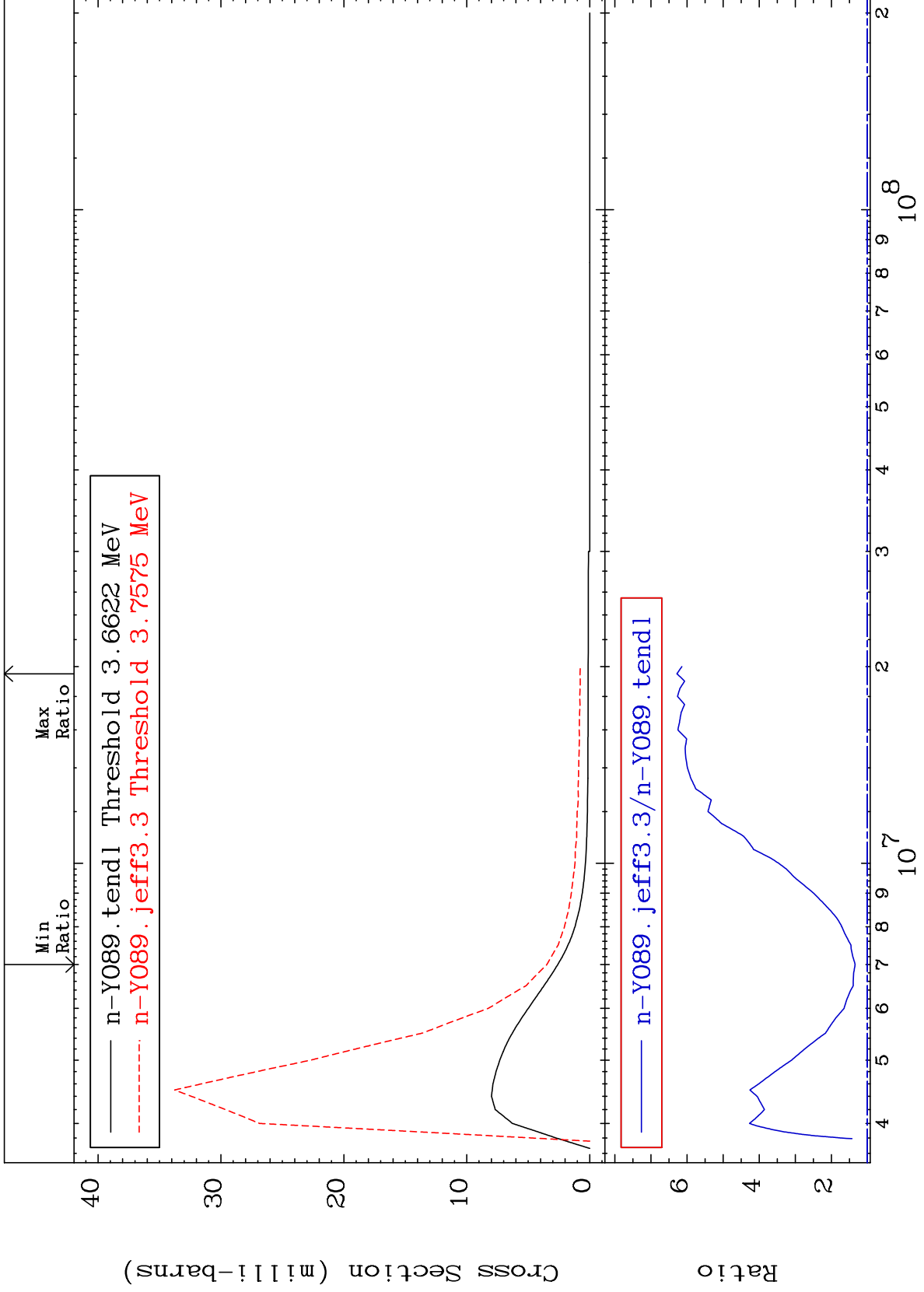




MAT 3925

MT= 74 (n,n') Level  
Cross Section

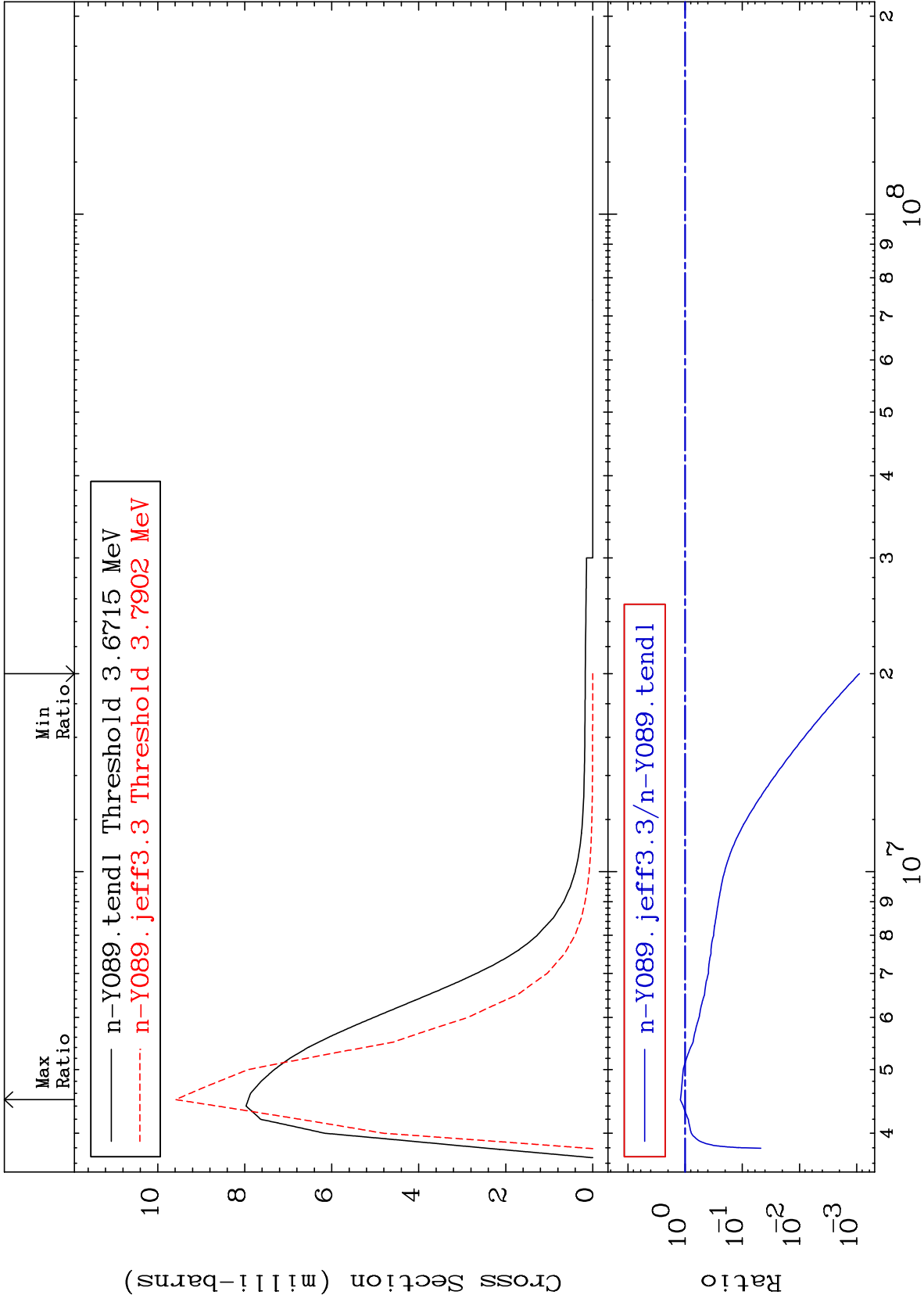
39-Y -89  
34.18 To 528.0 %

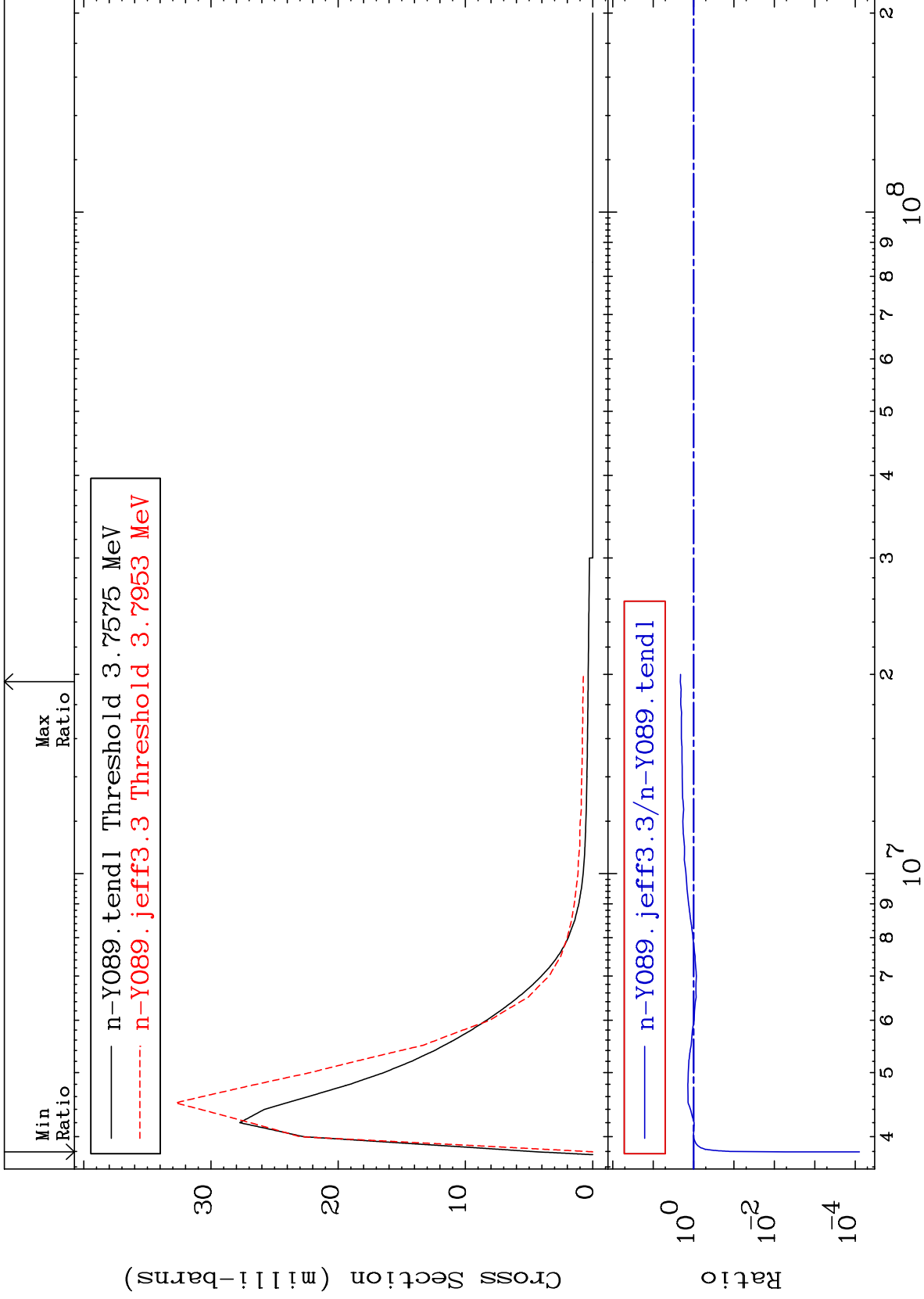


30

Incident Energy (eV)

39-Y -89



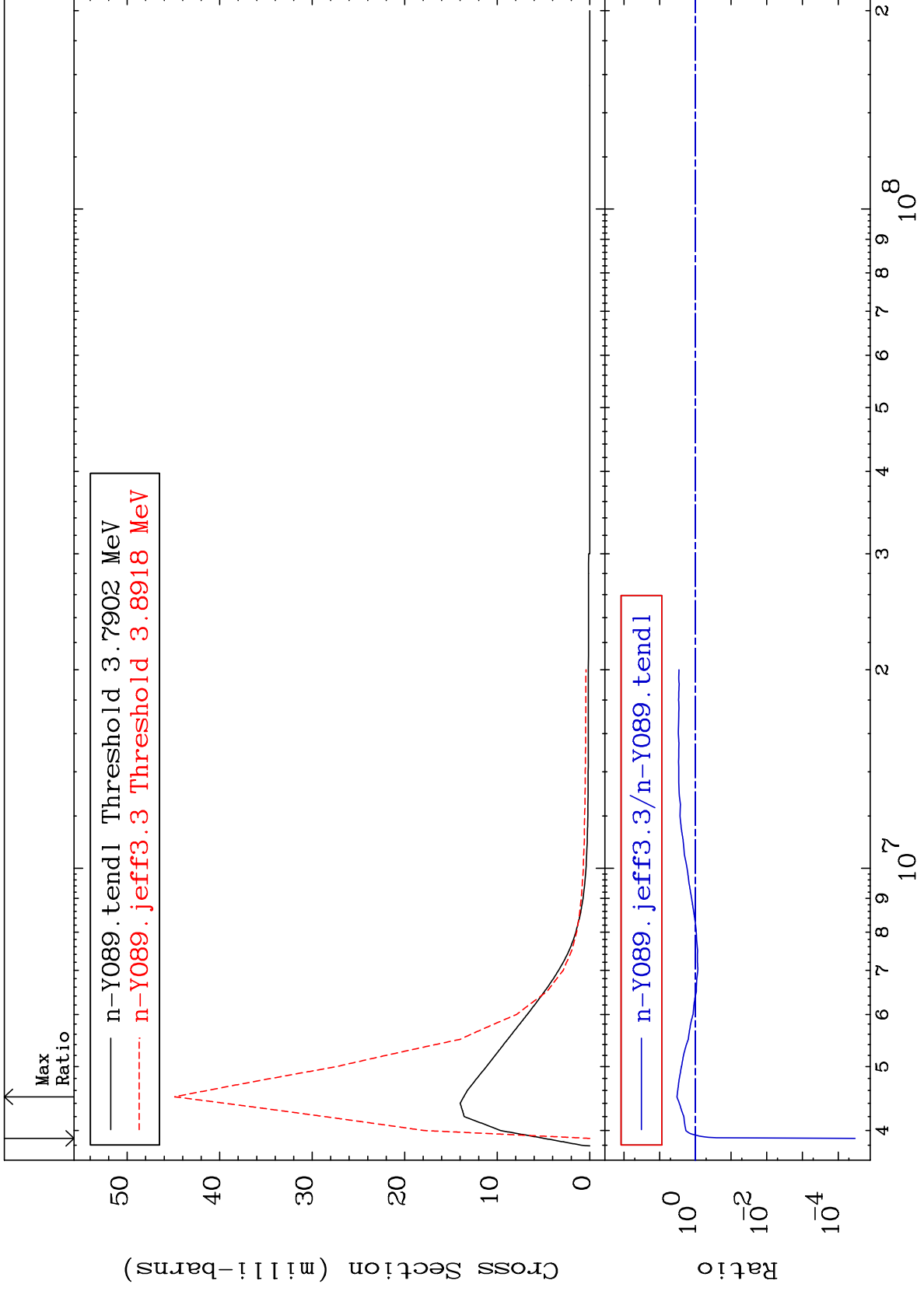


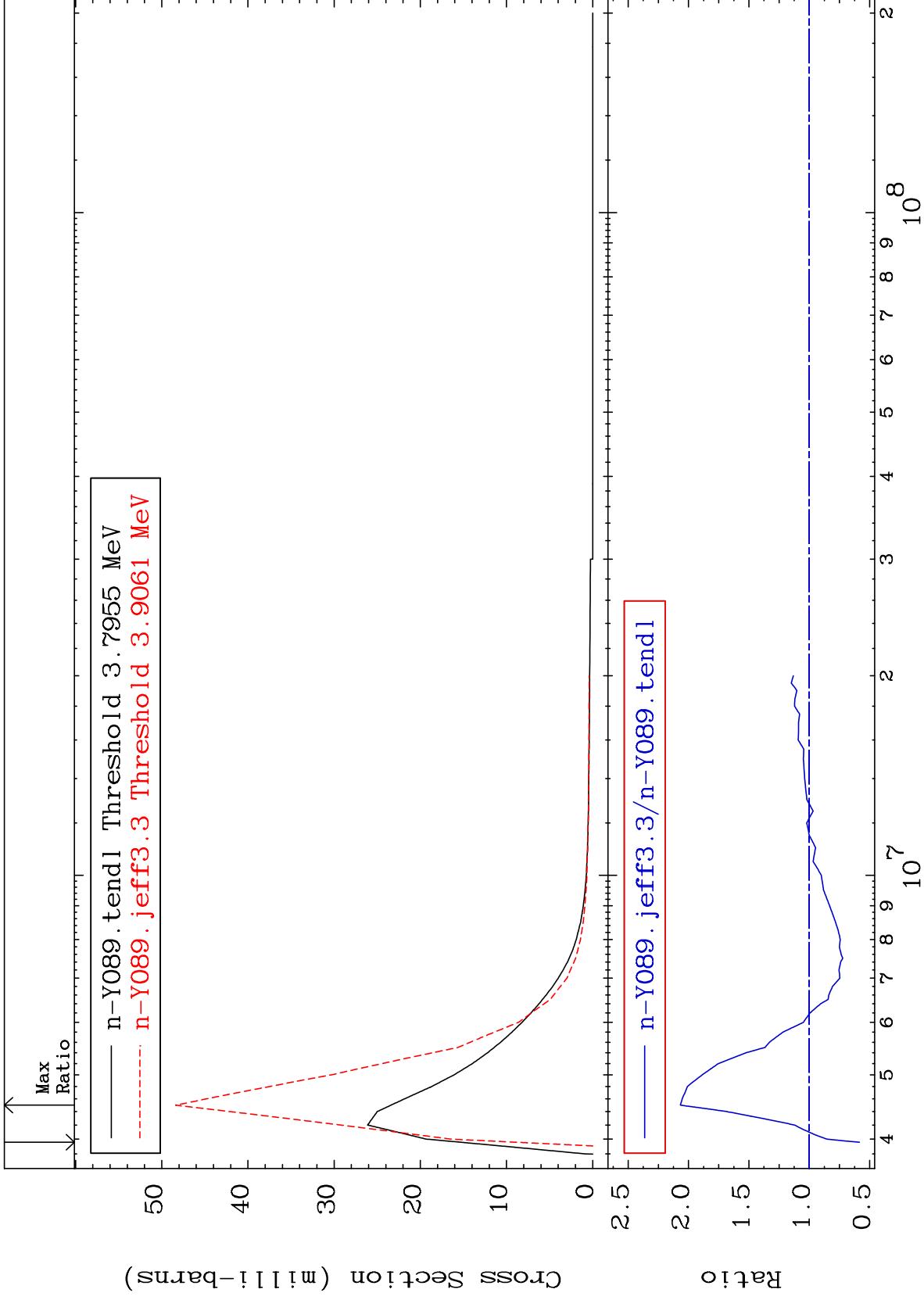


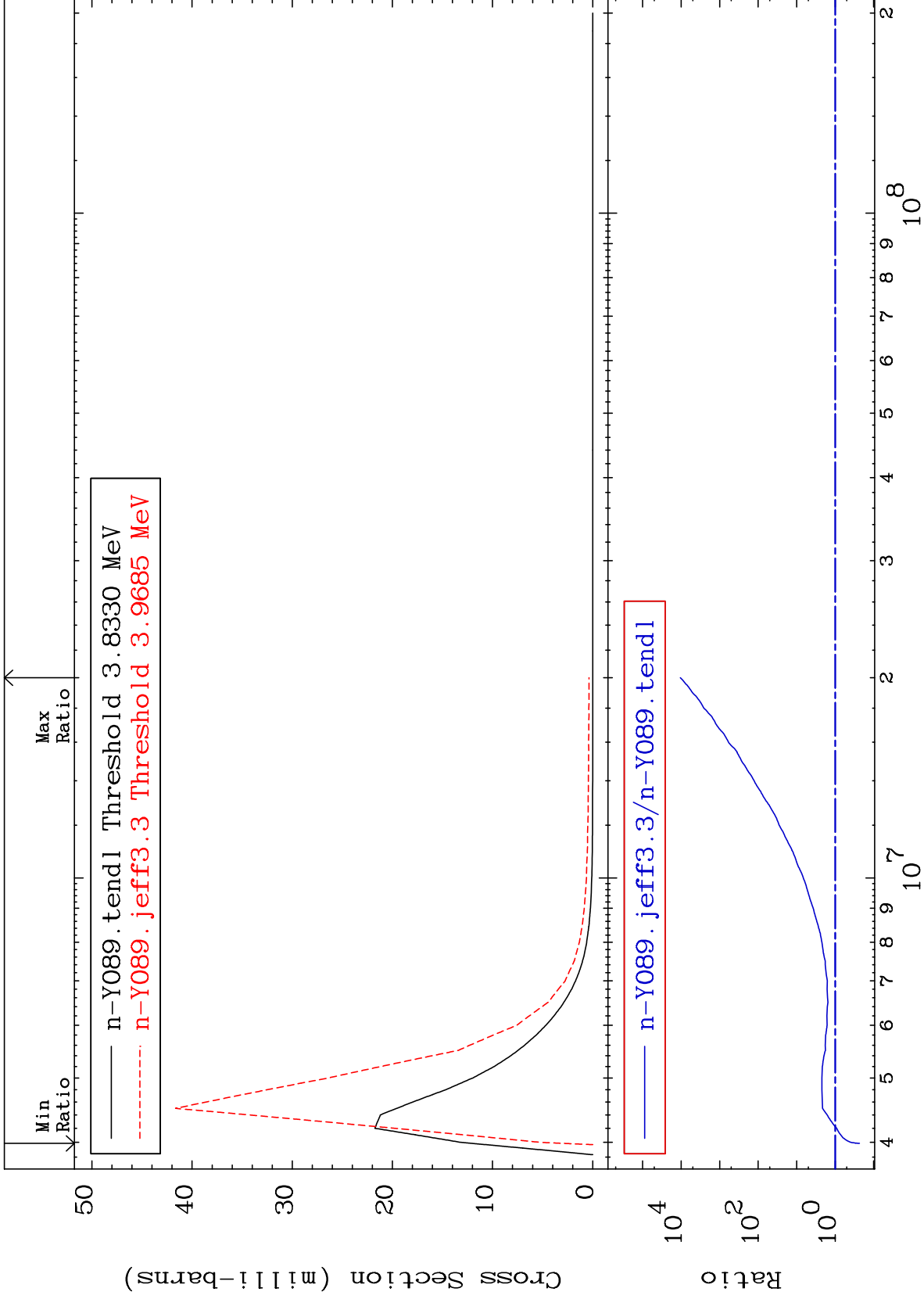
MAT 3925

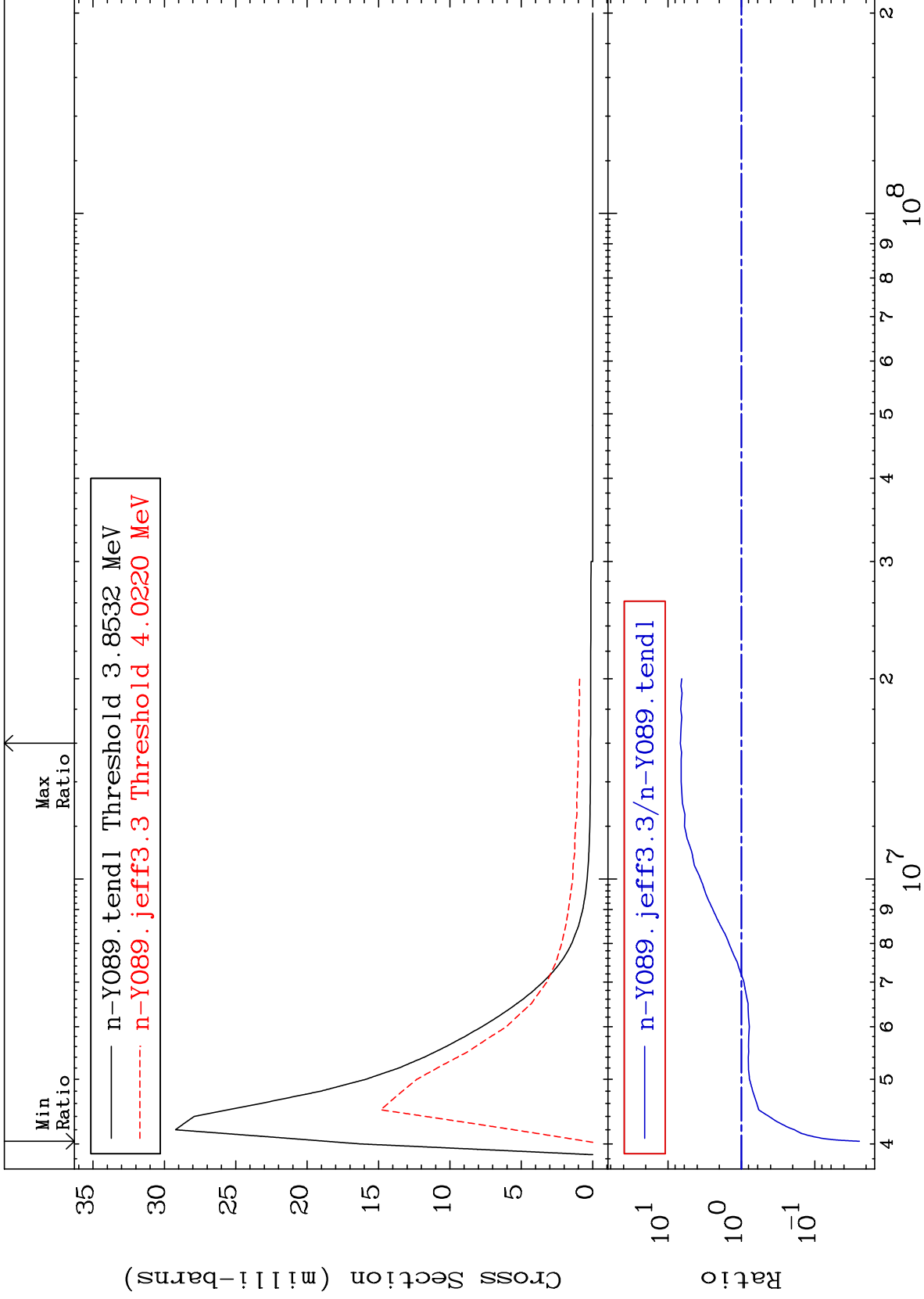
MT= 77 (n,n') Level  
Cross Section

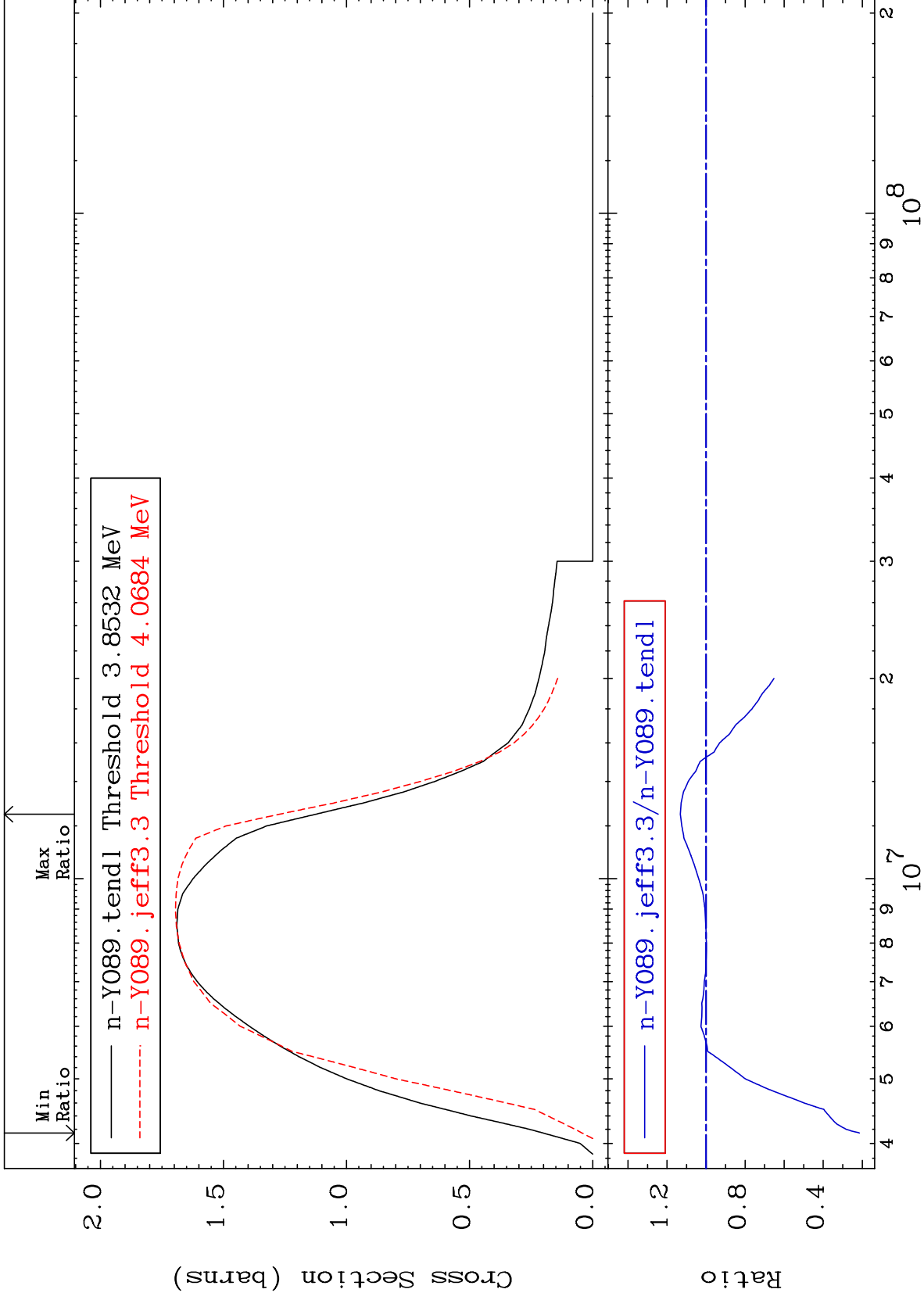
39-Y -89  
-100.0 To 229.6 %

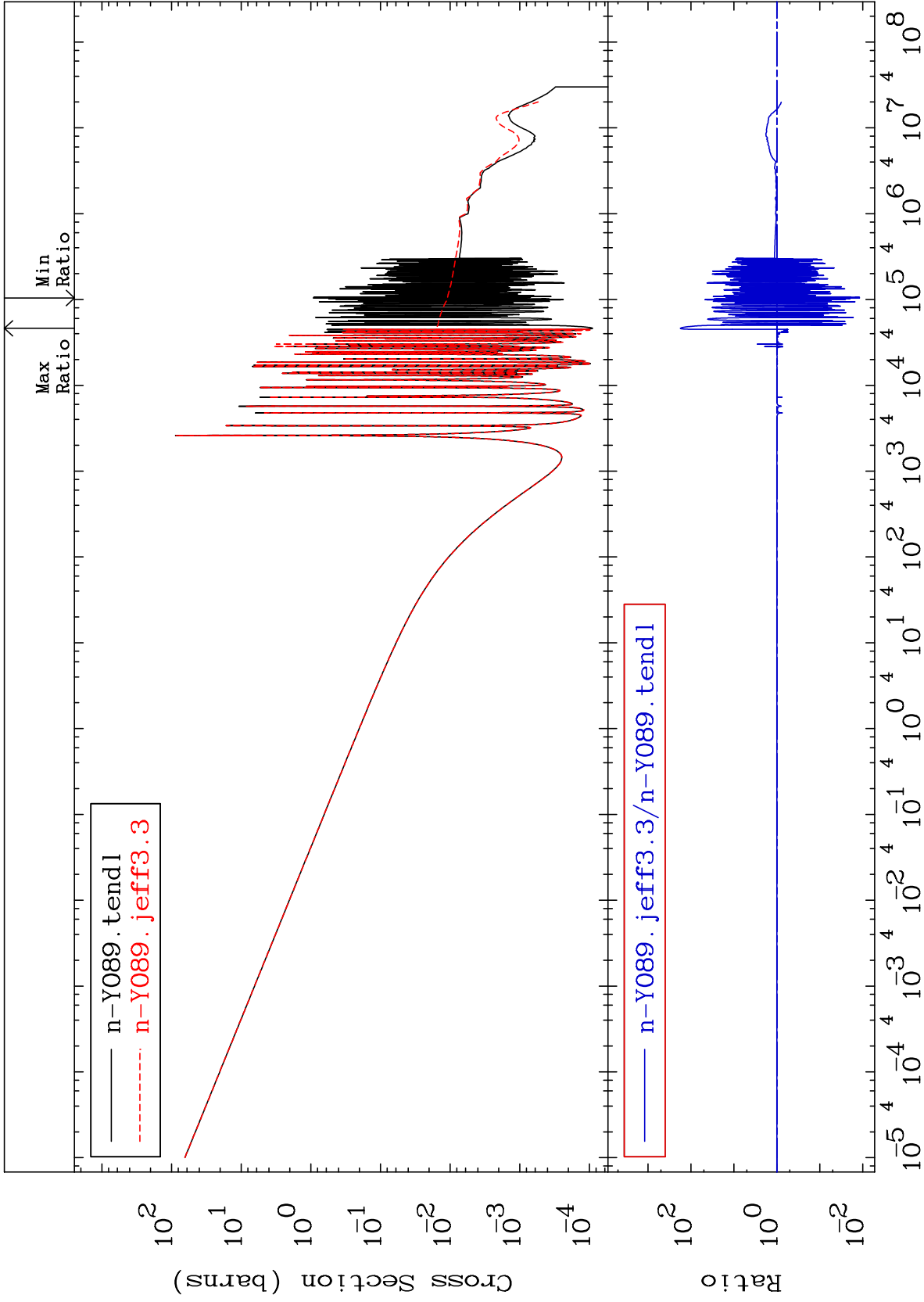








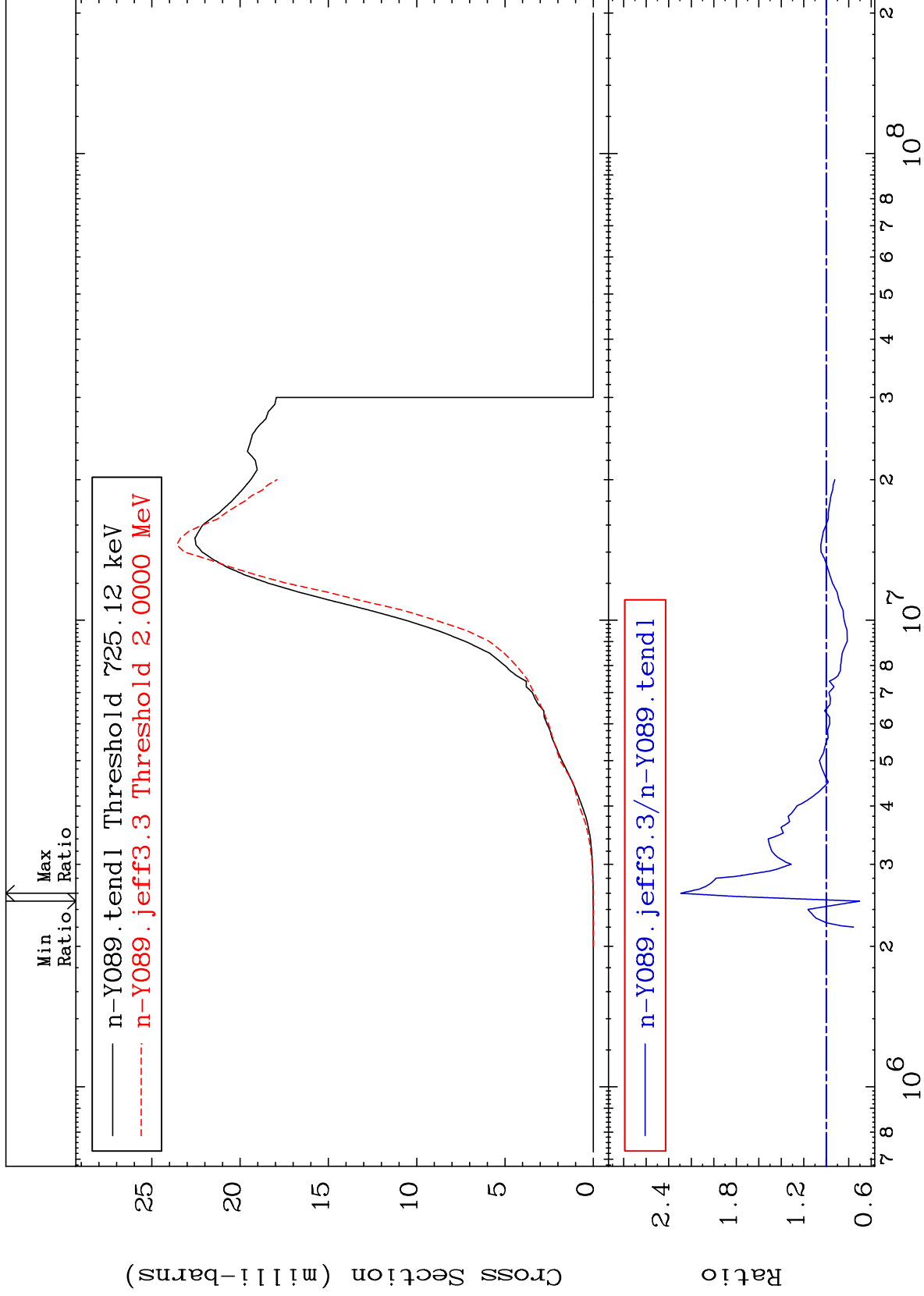




MAT 3925

(n, p)  
Cross Section

39-Y -89  
-29.64 To 129.3 %



39

Incident Energy (eV)

39-Y -89

(n,  $\alpha$ )  
Cross Section

