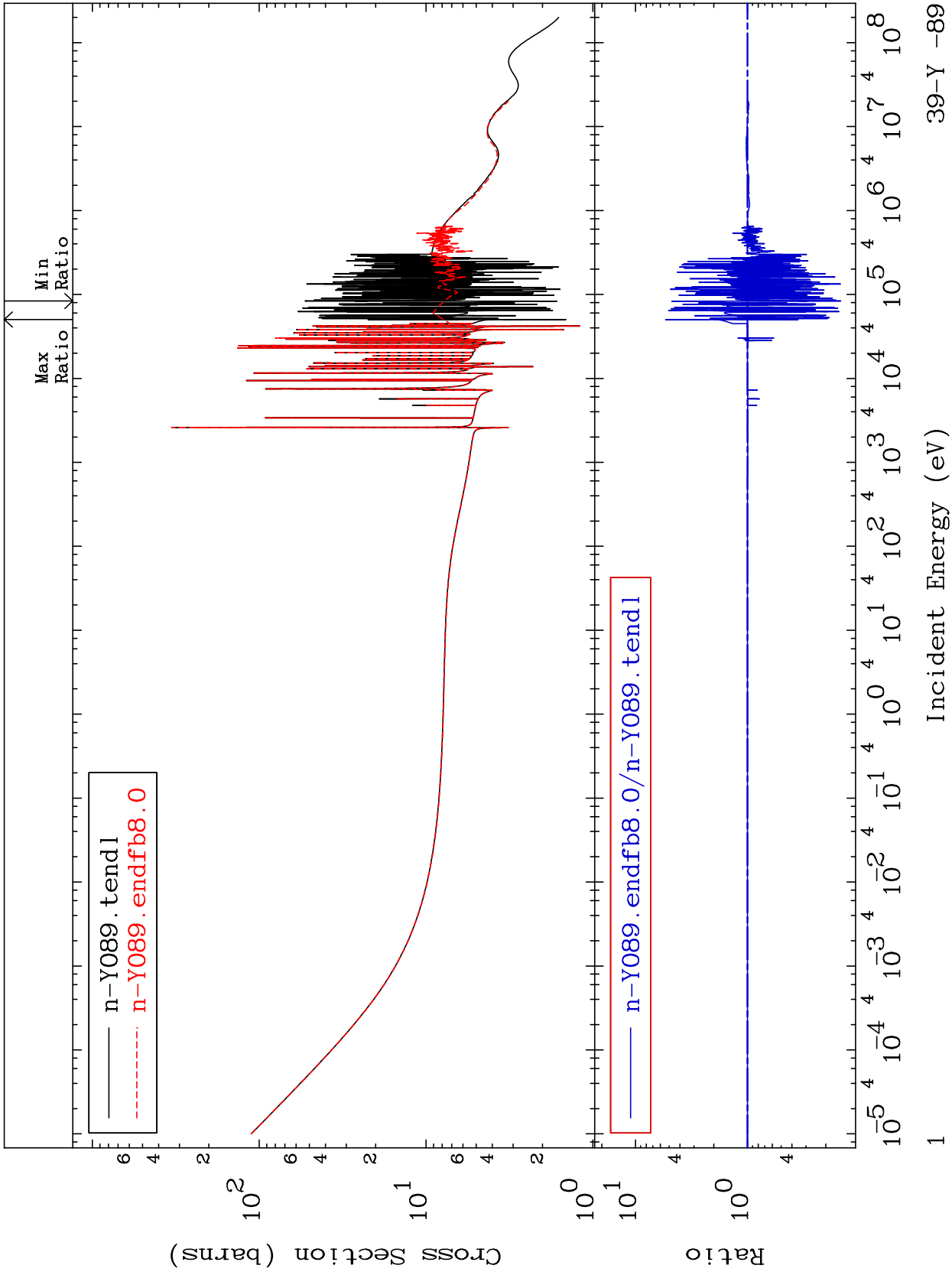


MAT 3925

Total  
Cross Section

39-Y -89  
-85.29 To 439.2 %

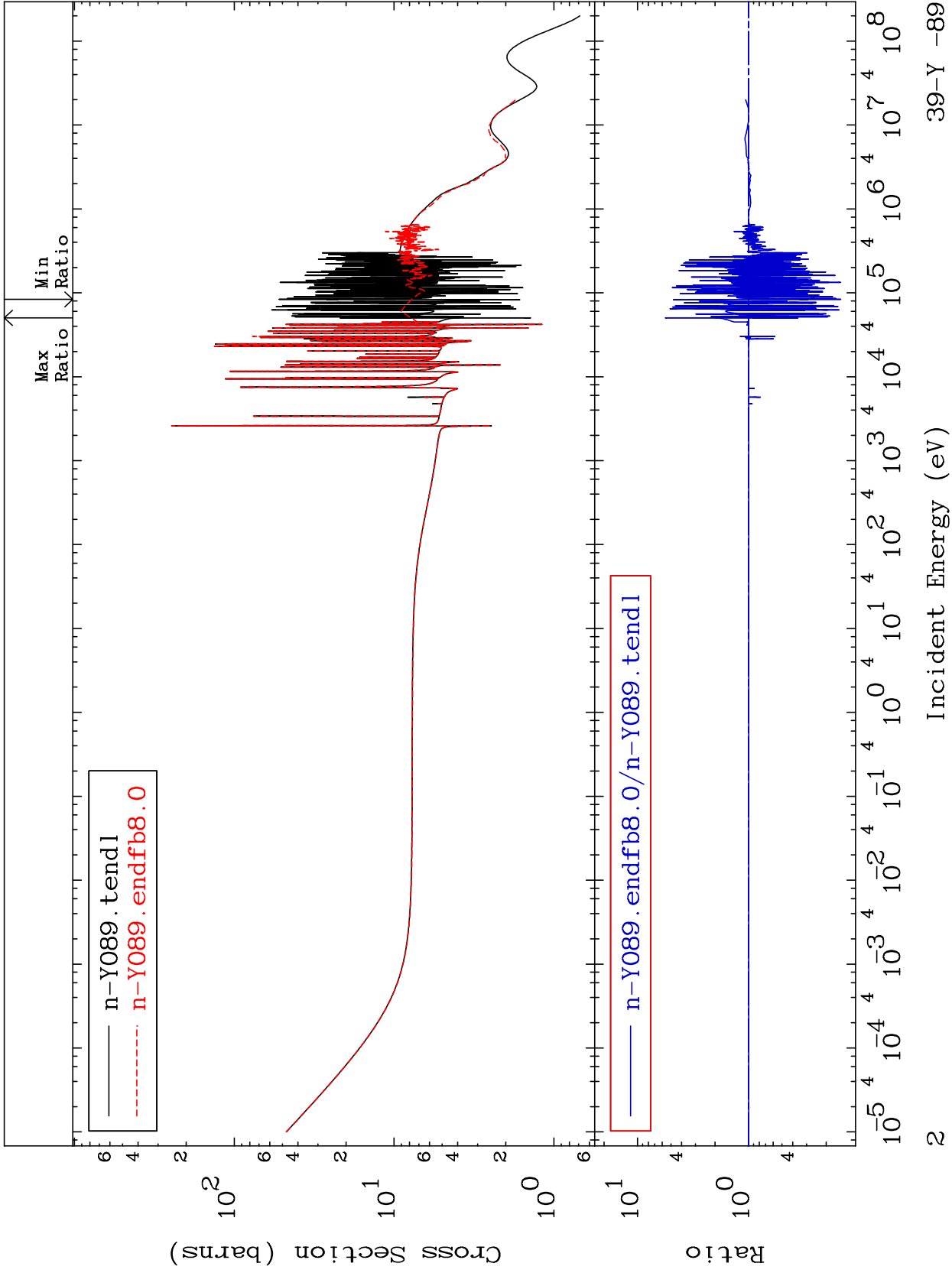


39-Y -89

MAT 3925

Elastic  
Cross Section

39-Y -89  
-85.21 To 459.1 %

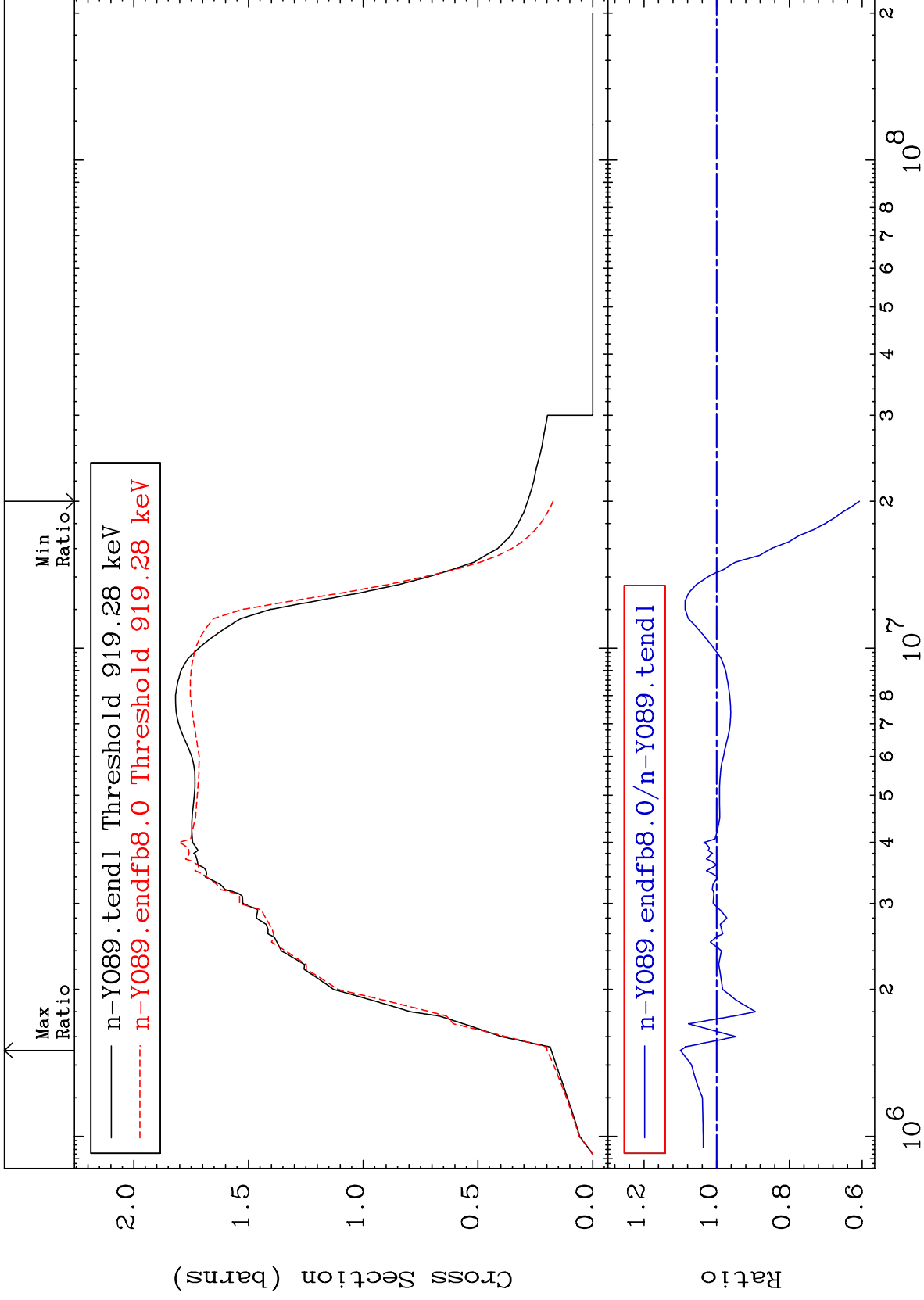


39-Y -89

MAT 3925

Inelastic  
Cross Section

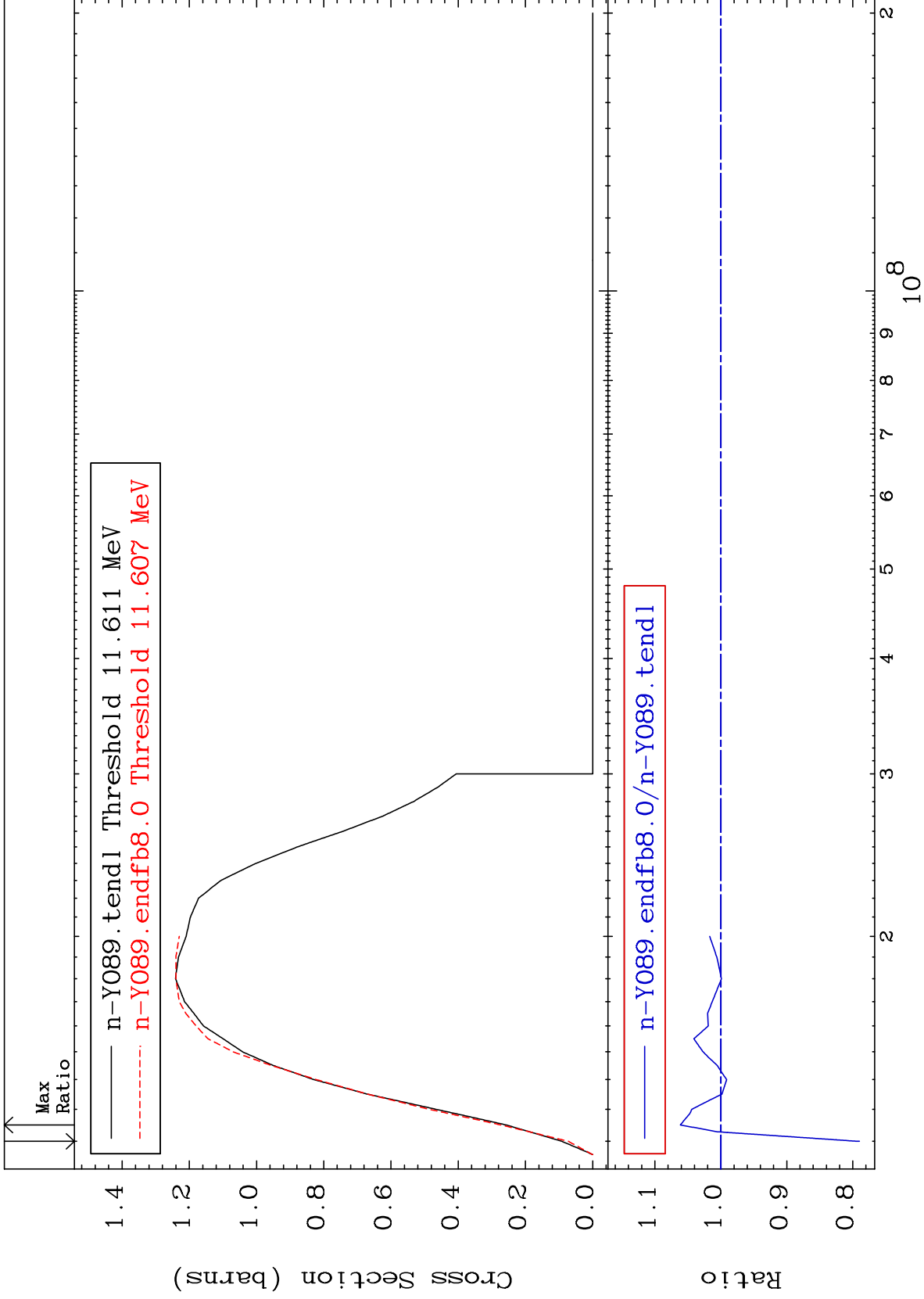
39-Y -89  
-39.28 To 9.988 %

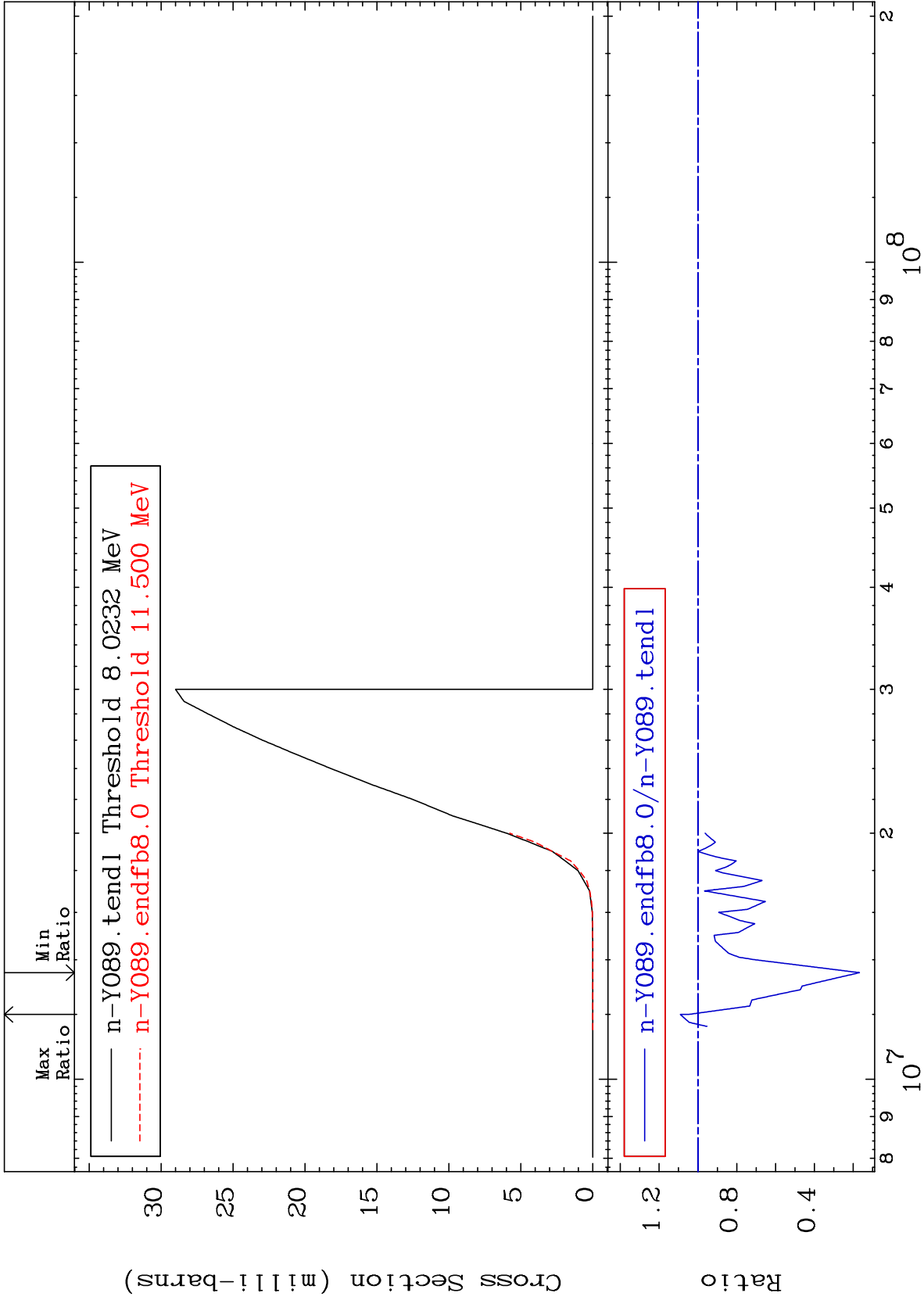


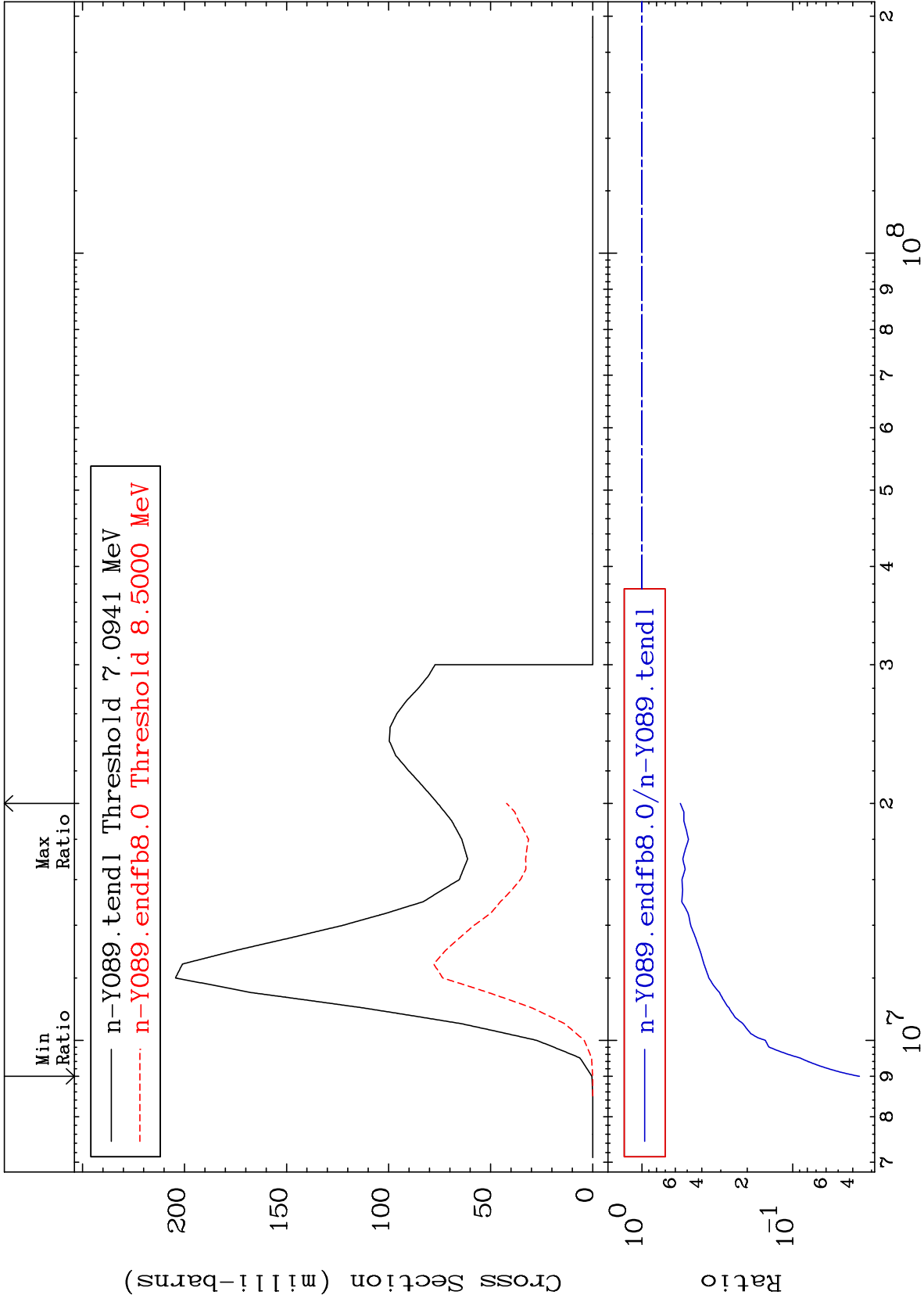
3

Incident Energy (eV)

39-Y -89



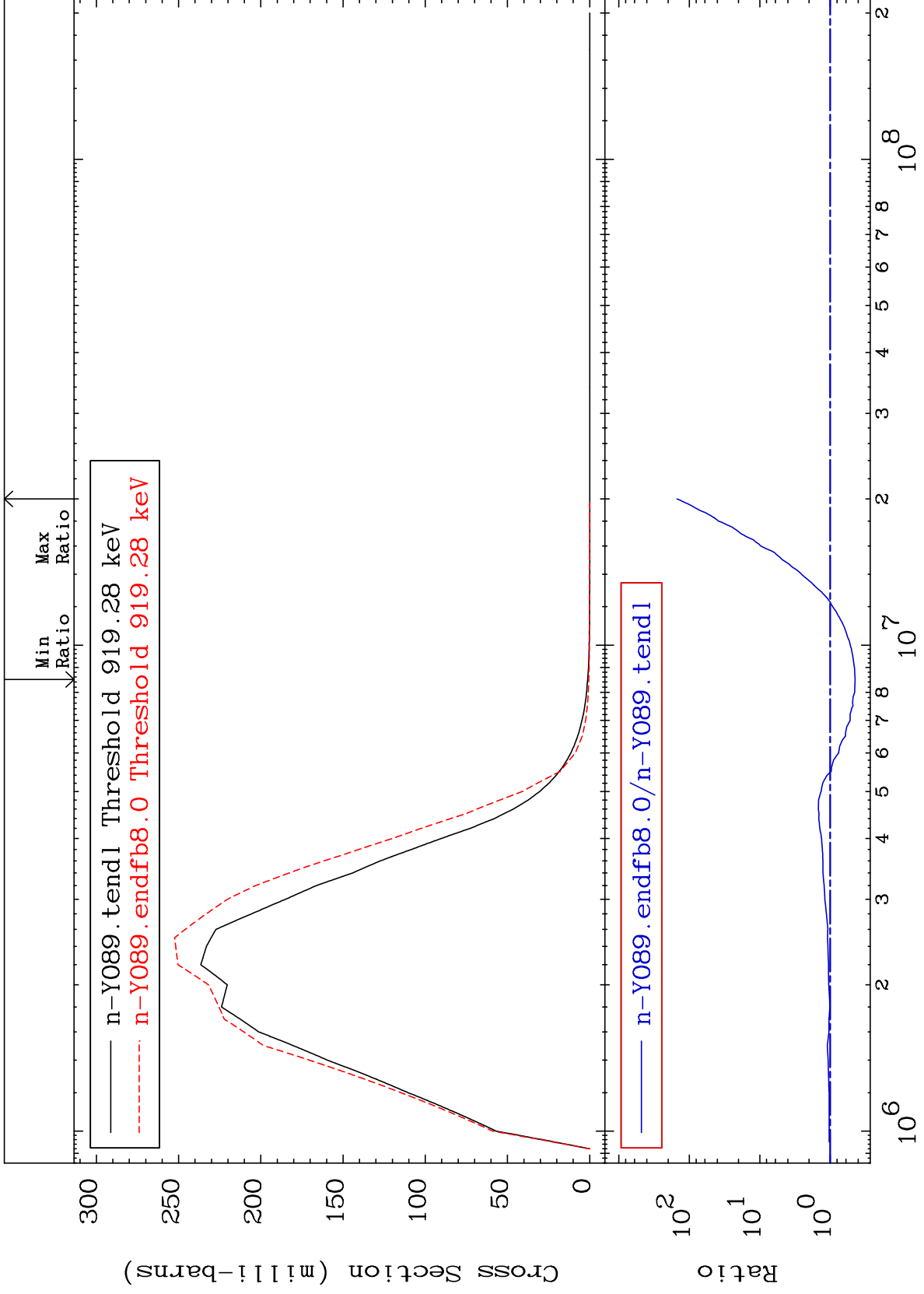




MAT 3925

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

39-Y -89  
-55.62 To 9999. %



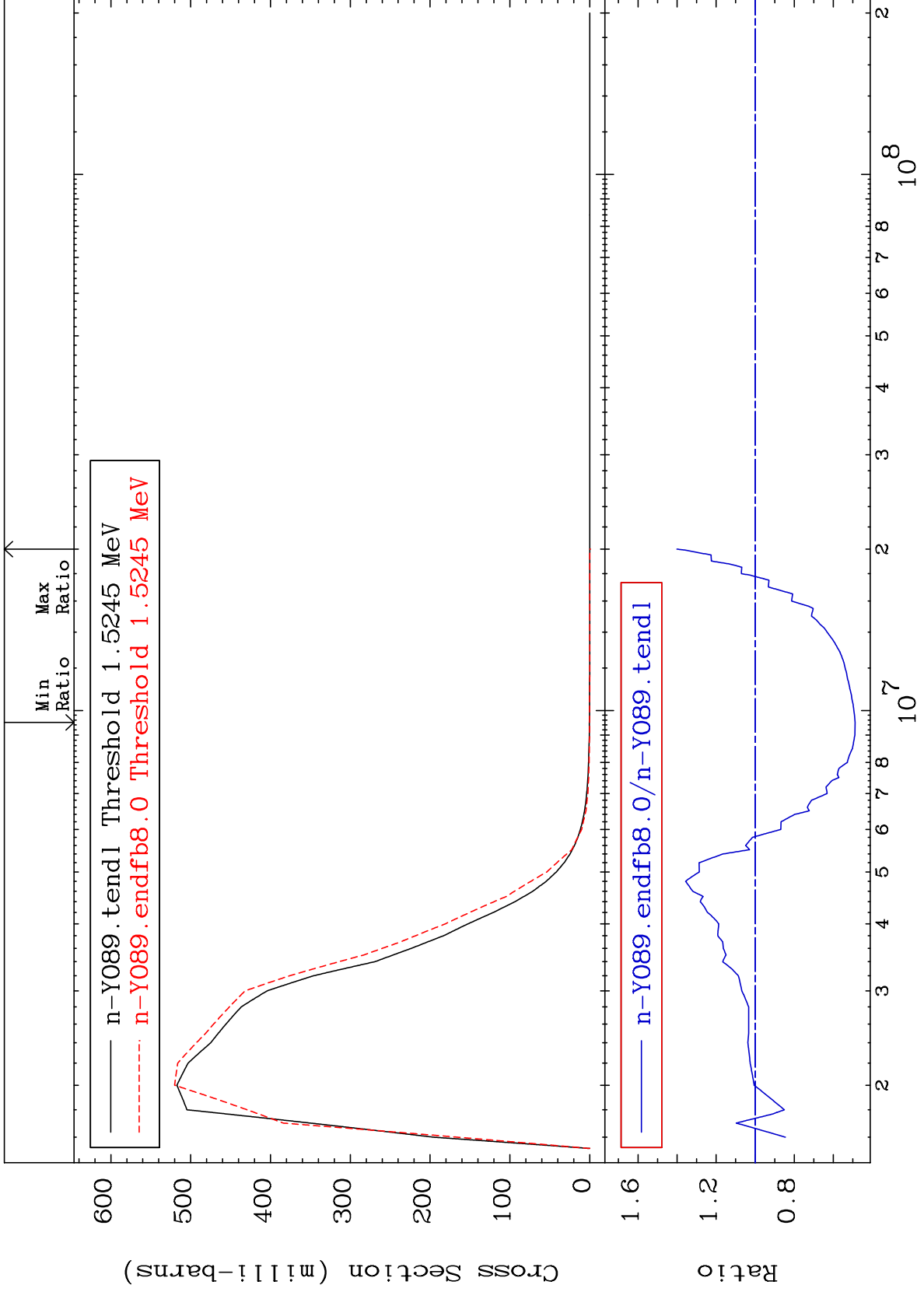
Incident Energy (eV)

39-Y -89

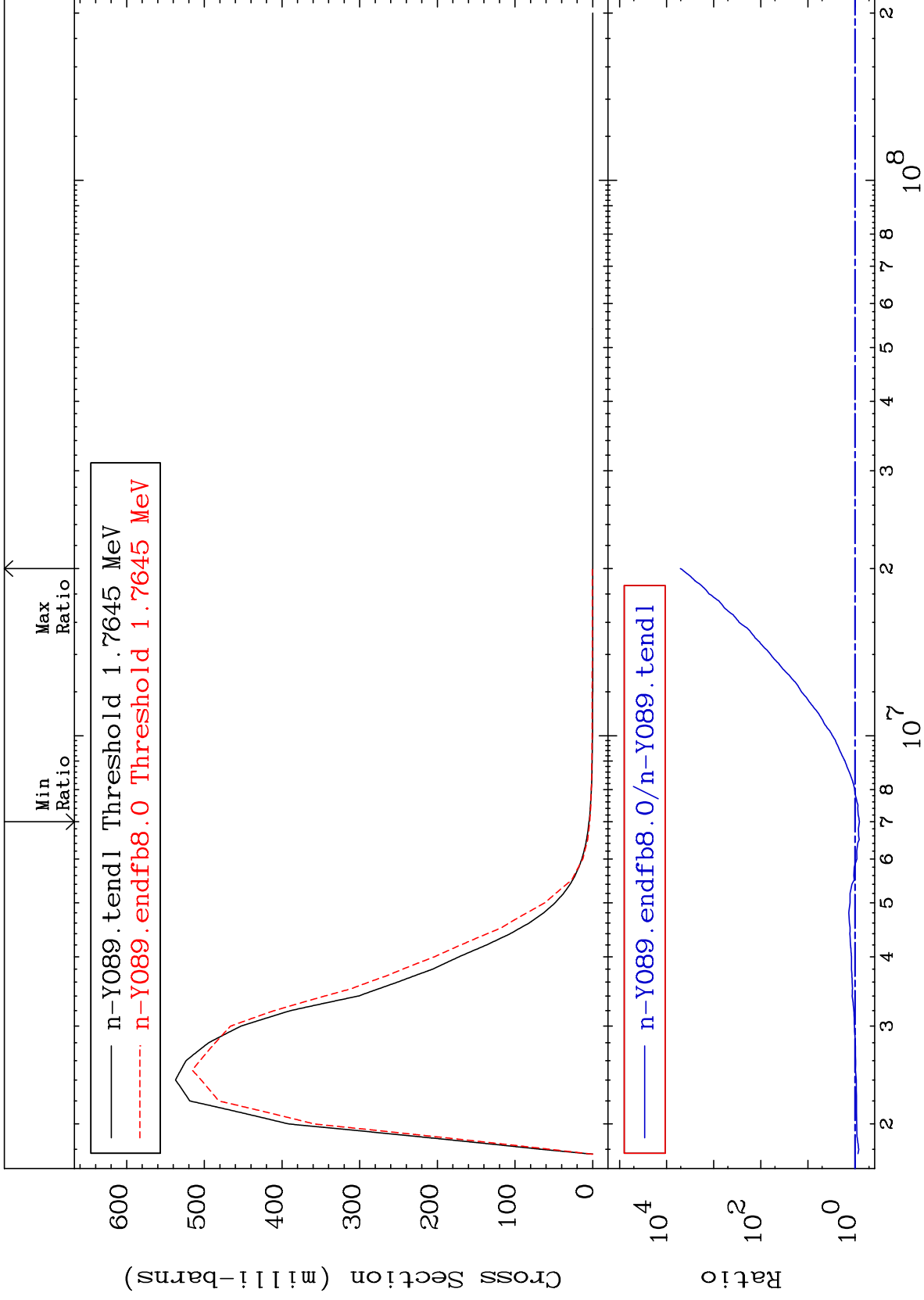
MAT 3925

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

39-Y -89  
-51.12 To 40.08 %



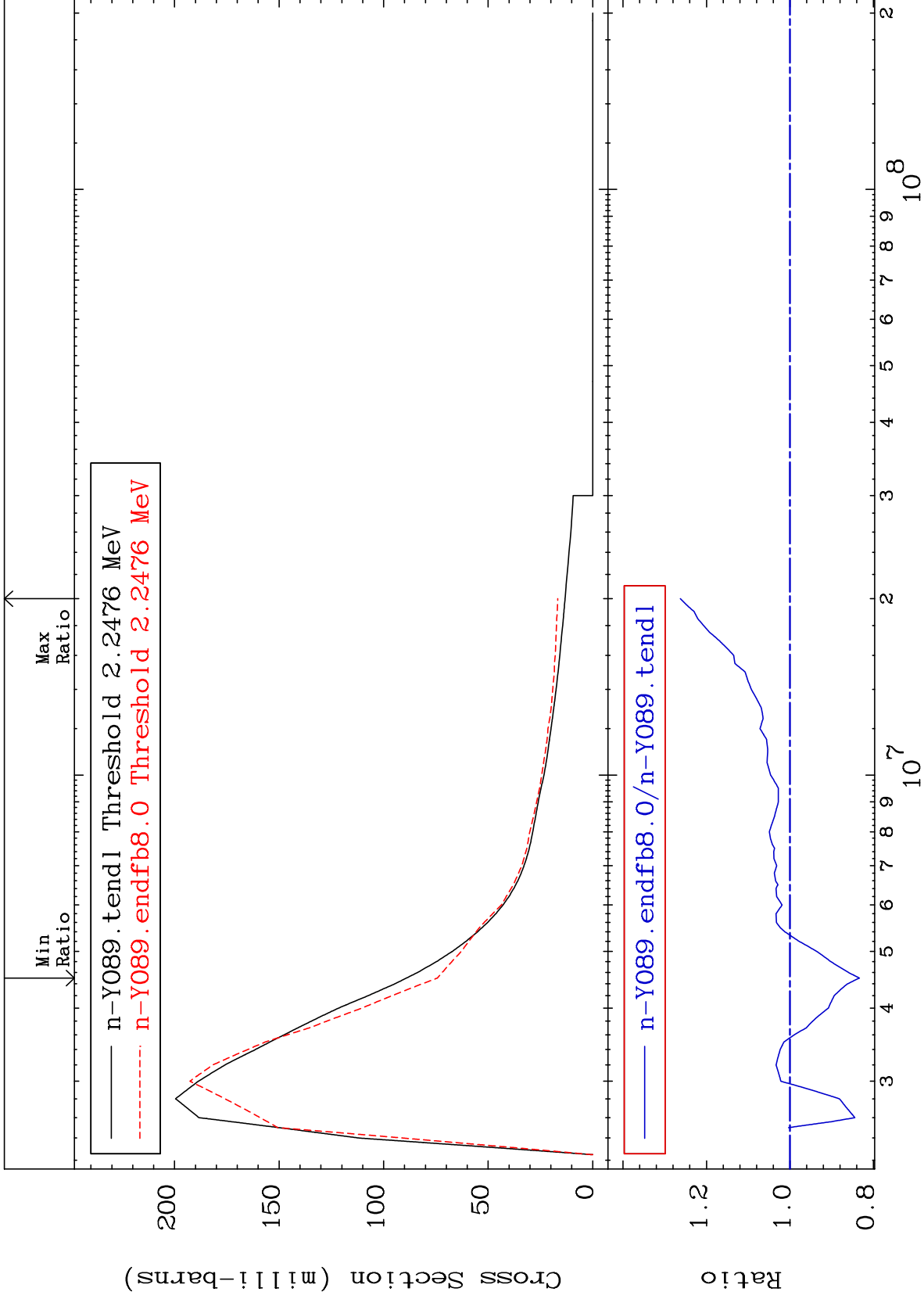




MAT 3925

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

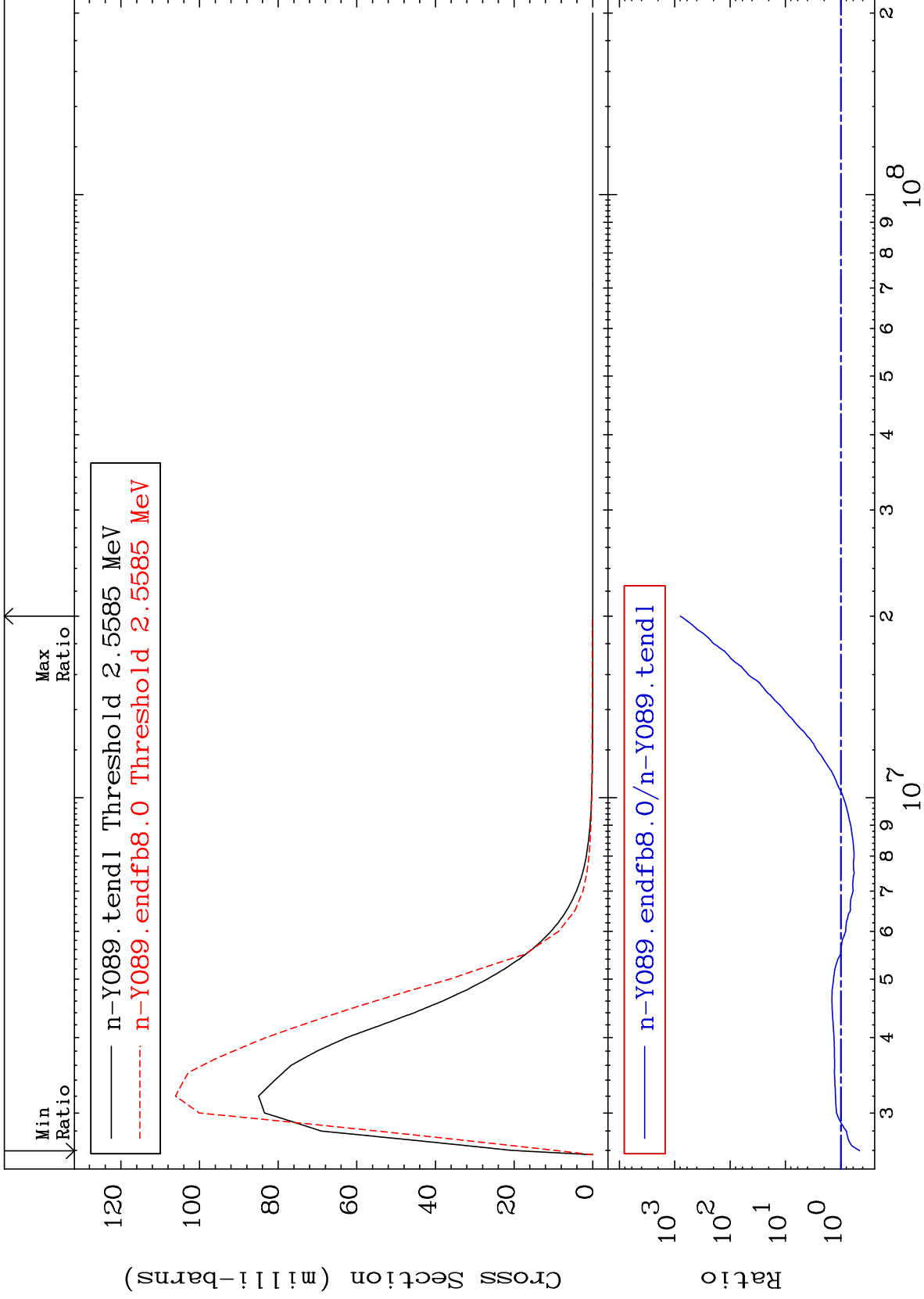
39-Y -89  
-16.67 To 26.26 %



10

Incident Energy (eV)

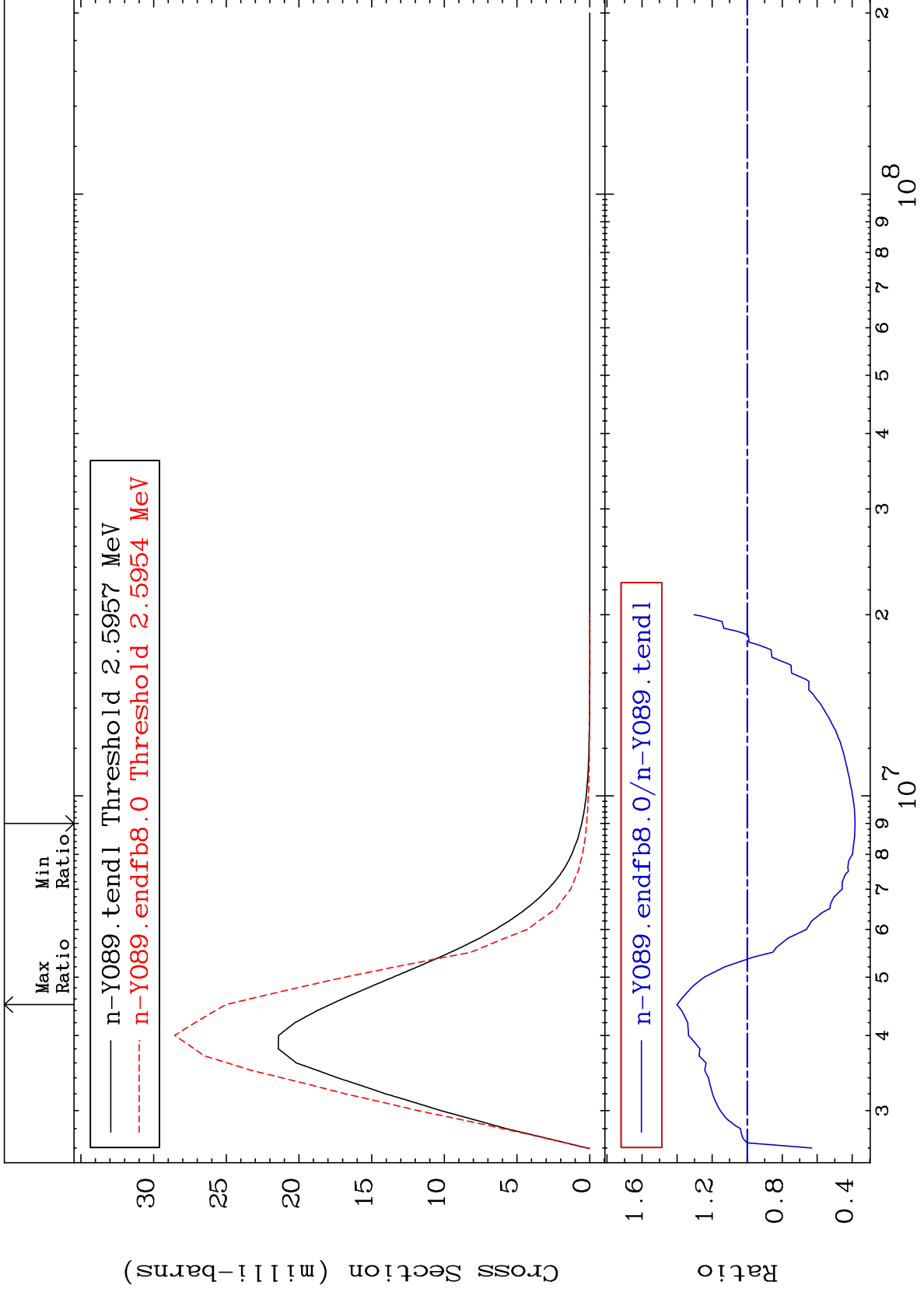
39-Y -89



MAT 3925

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

39-Y -89  
-61.63 To 40.08 %



12

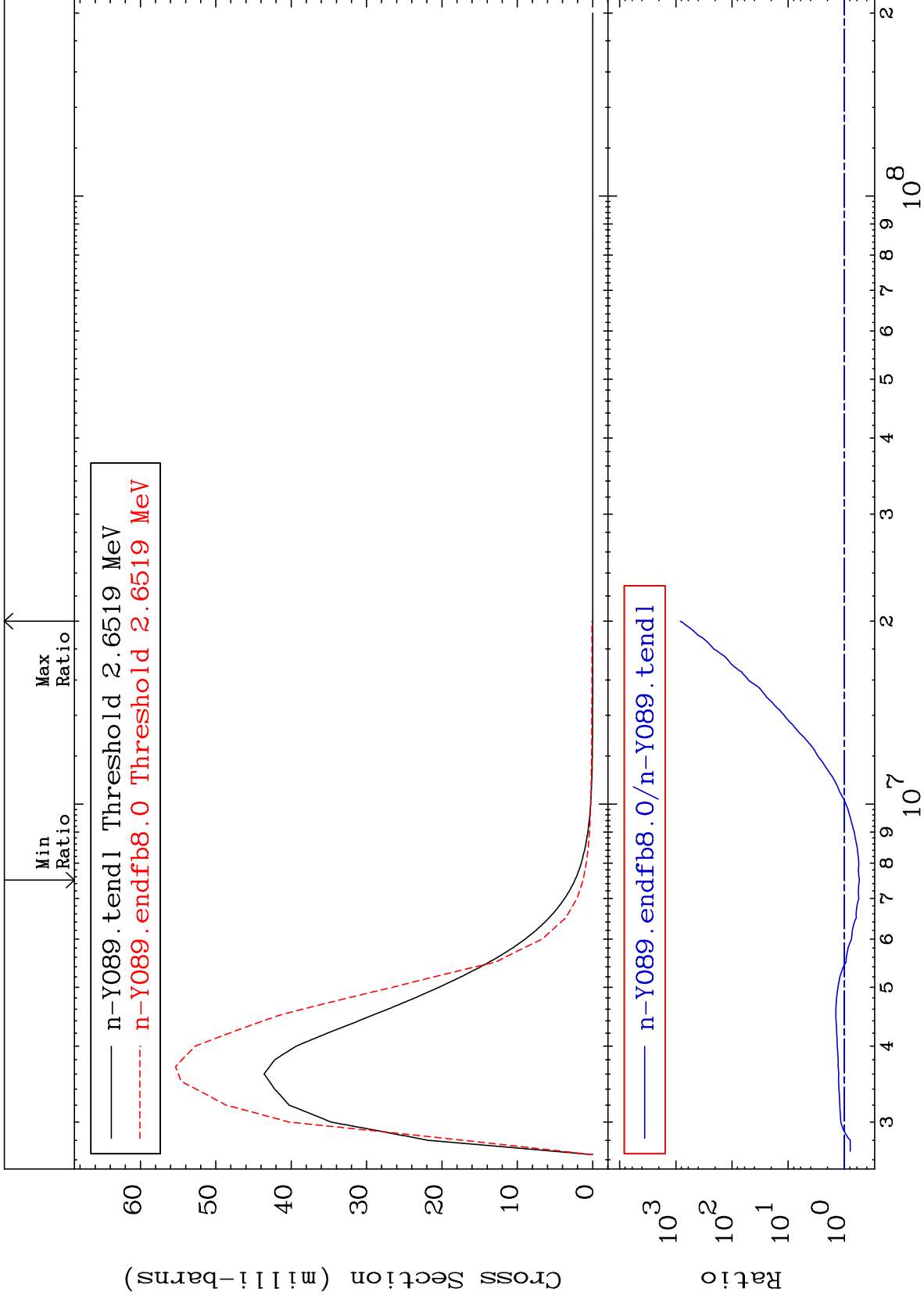
Incident Energy (eV)

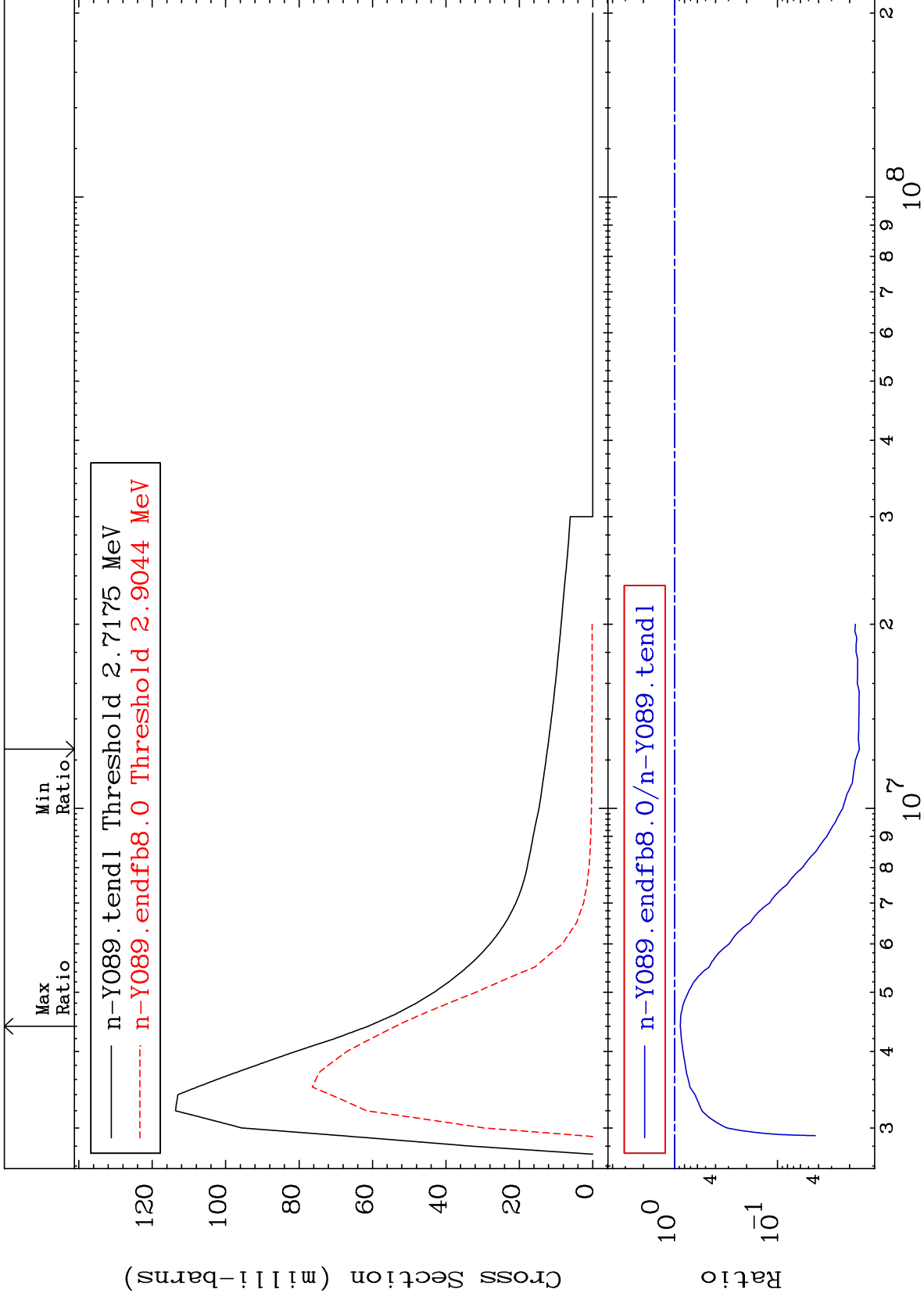
39-Y -89

MAT 3925

MT= 57 (n,n') Level  
Cross Section

39-Y -89  
-45.96 To 9999. %

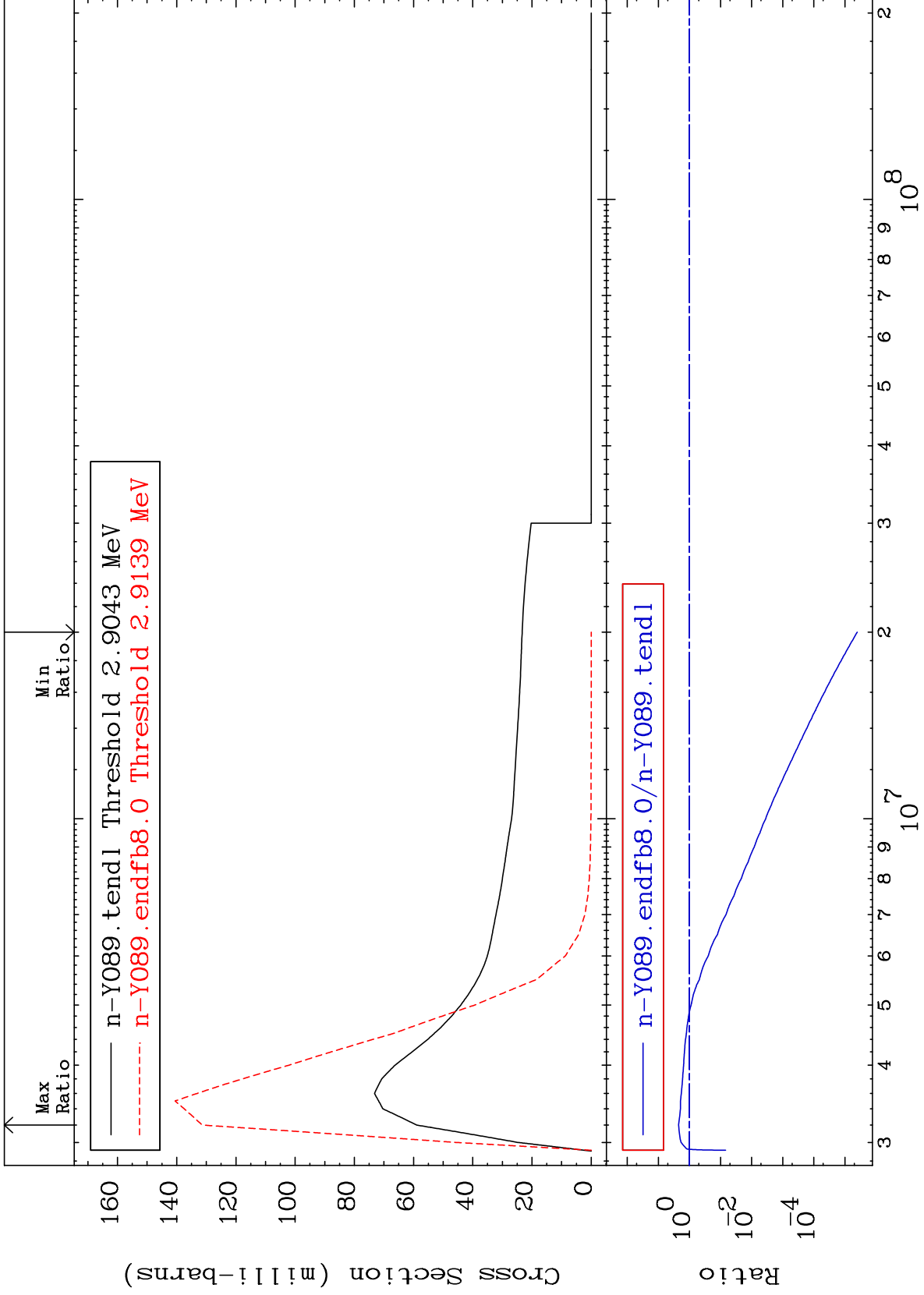




MAT 3925

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

39-Y -89  
-100.0 To 122.8 %



15

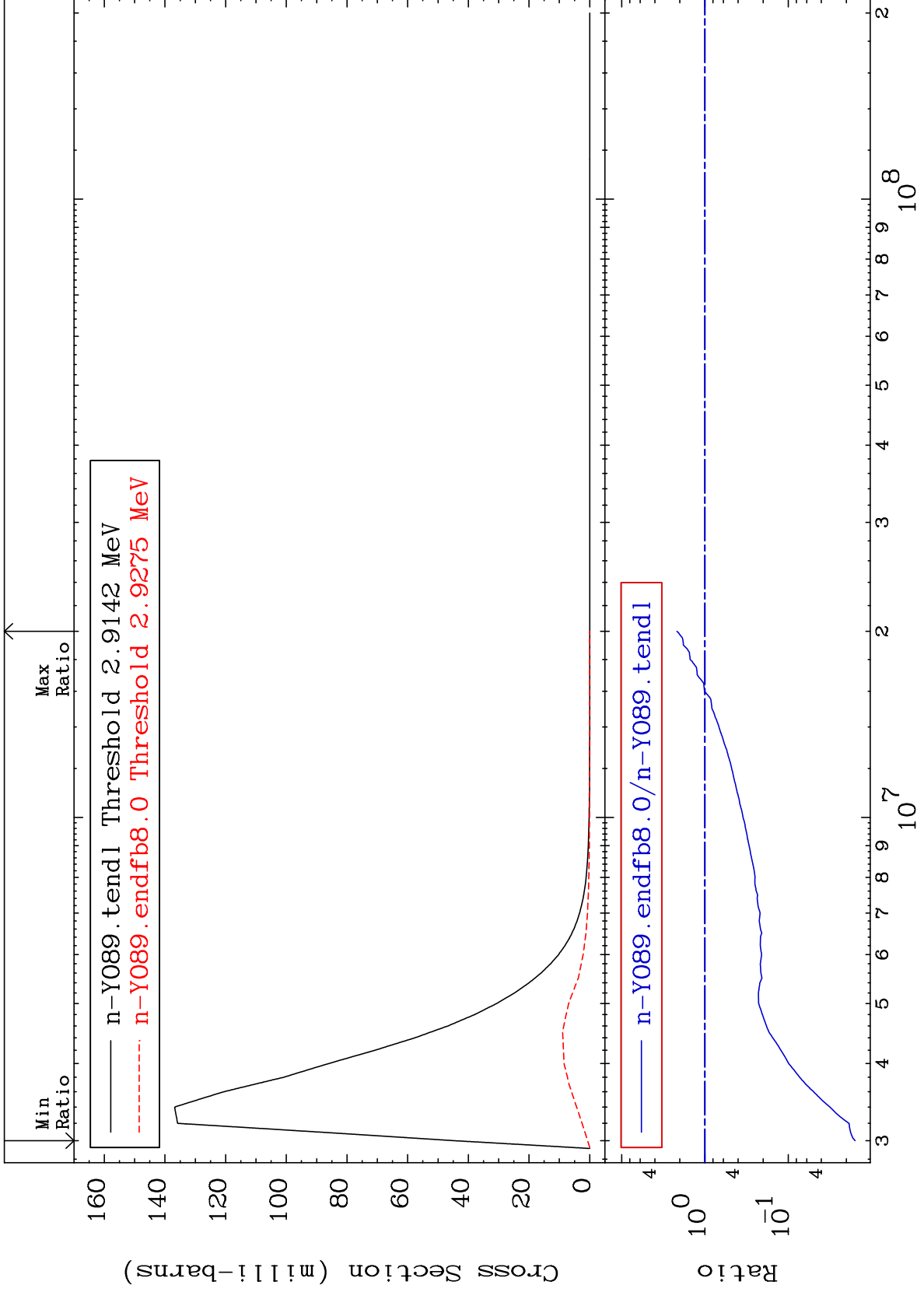
Incident Energy (eV)

39-Y -89

MAT 3925

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

39-Y -89  
-98.43 To 116.9 %

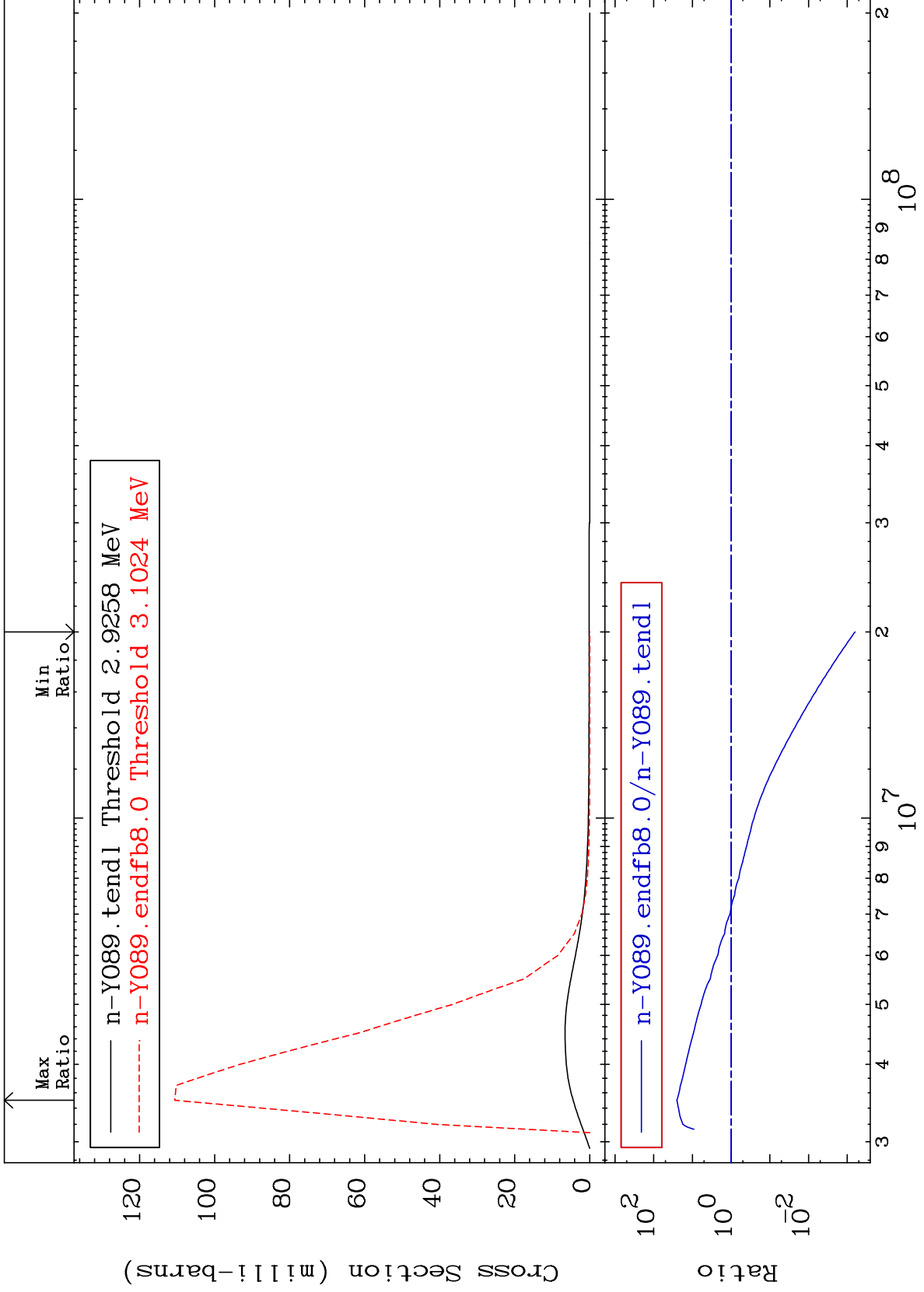


16

Incident Energy (eV)

39-Y -89

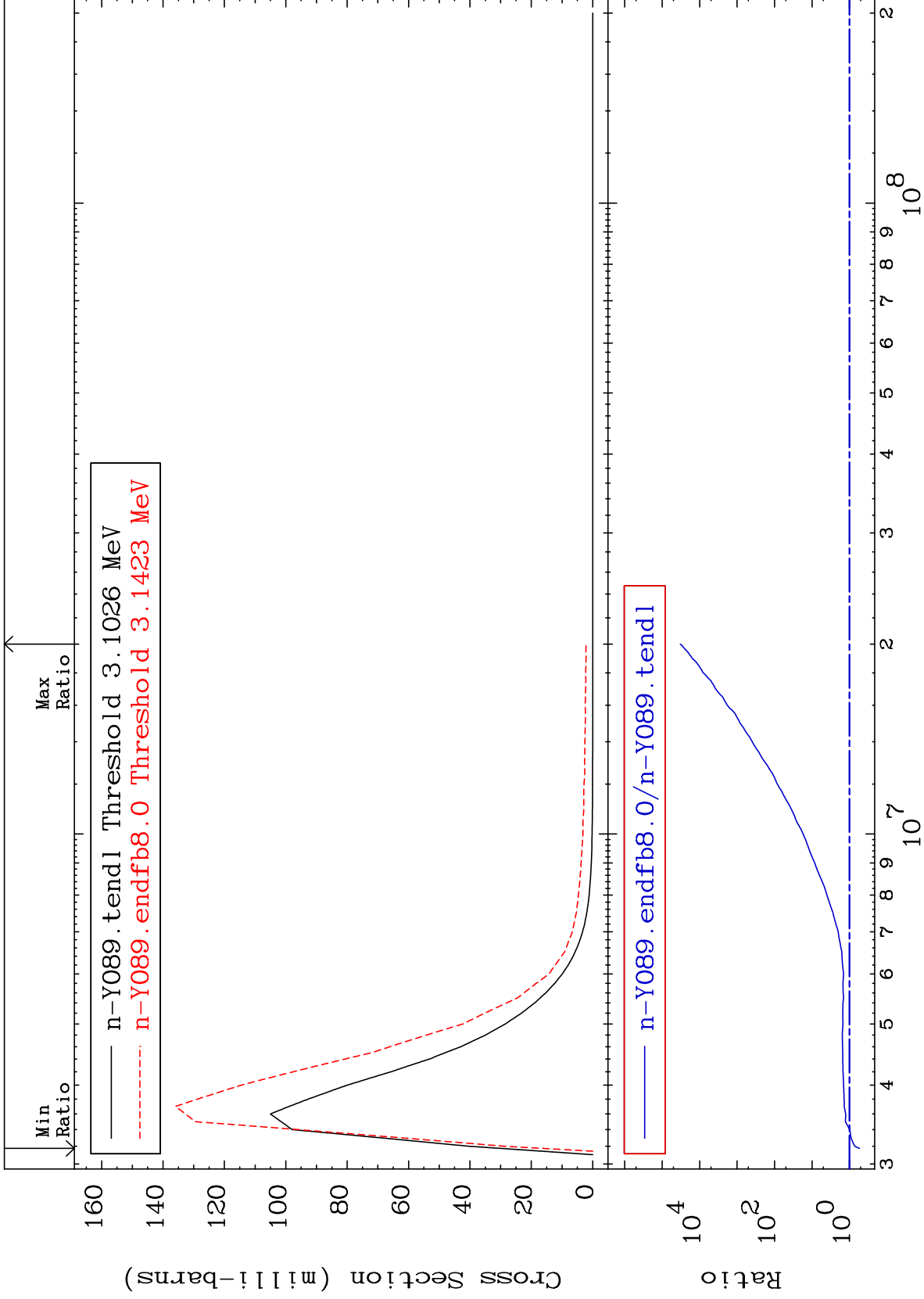




MAT 3925

MT= 62 (n,n') Level  
Cross Section

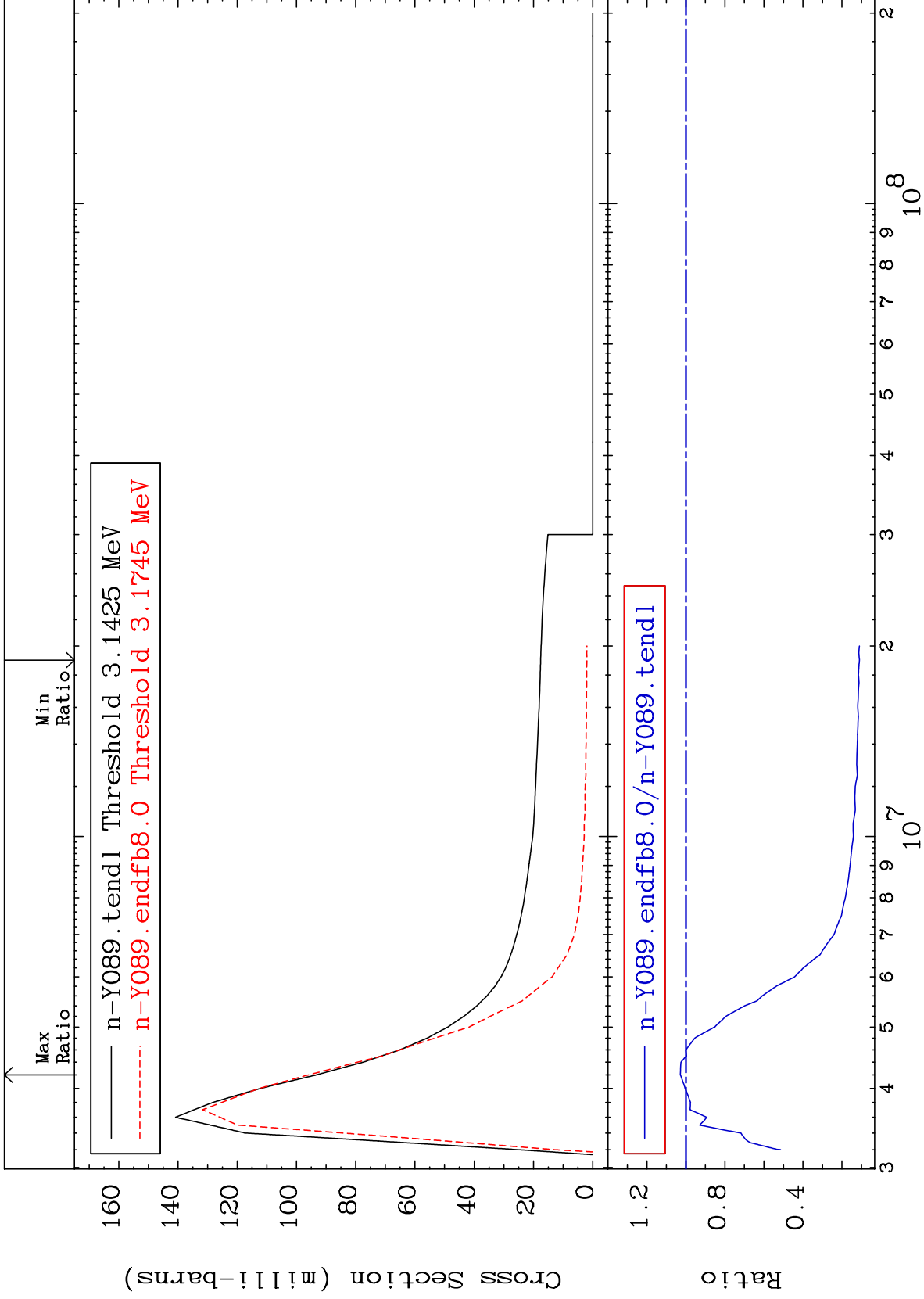
39-Y -89  
-45.89 To 9999. %



18

Incident Energy (eV)

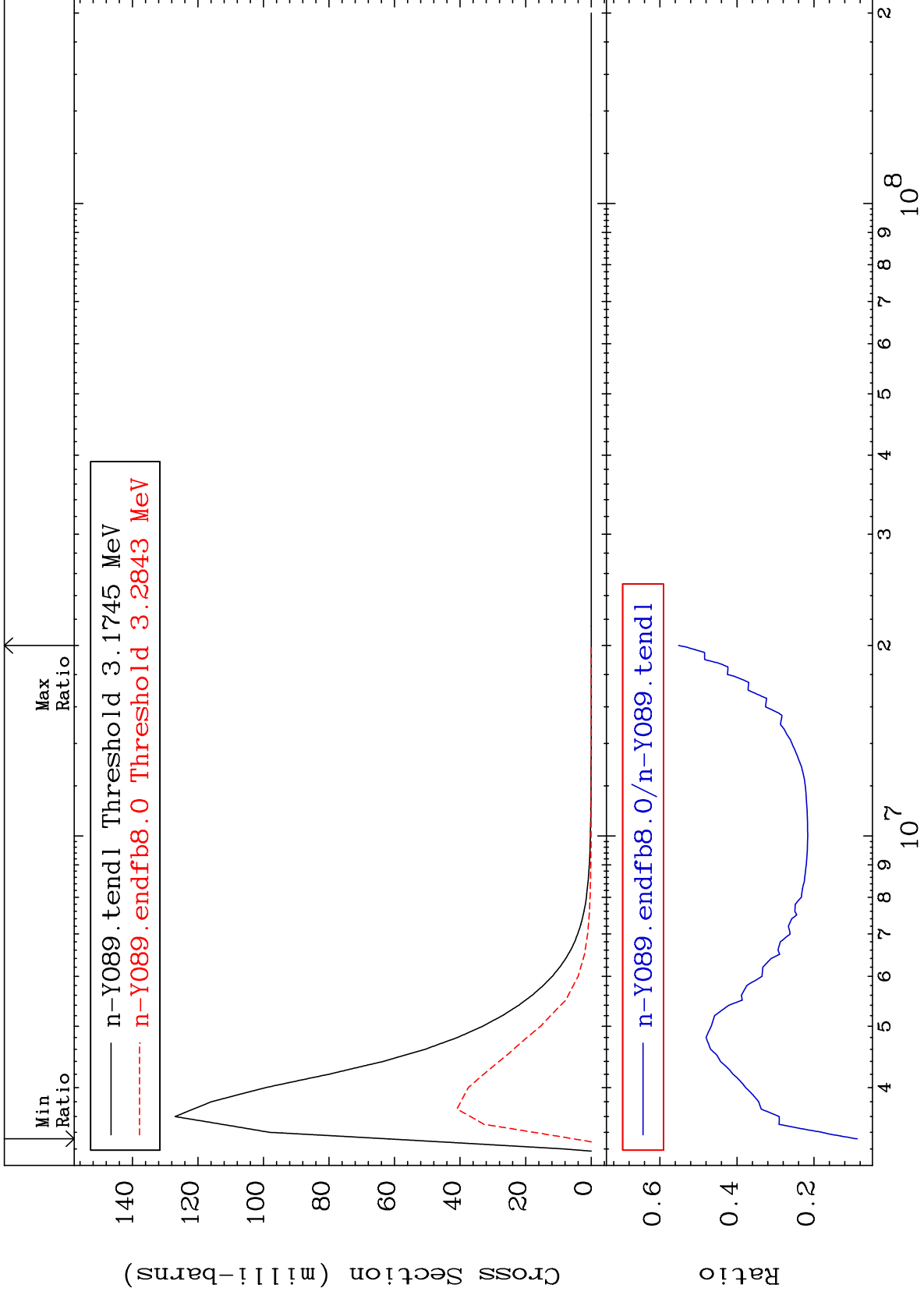
39-Y -89



MAT 3925

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

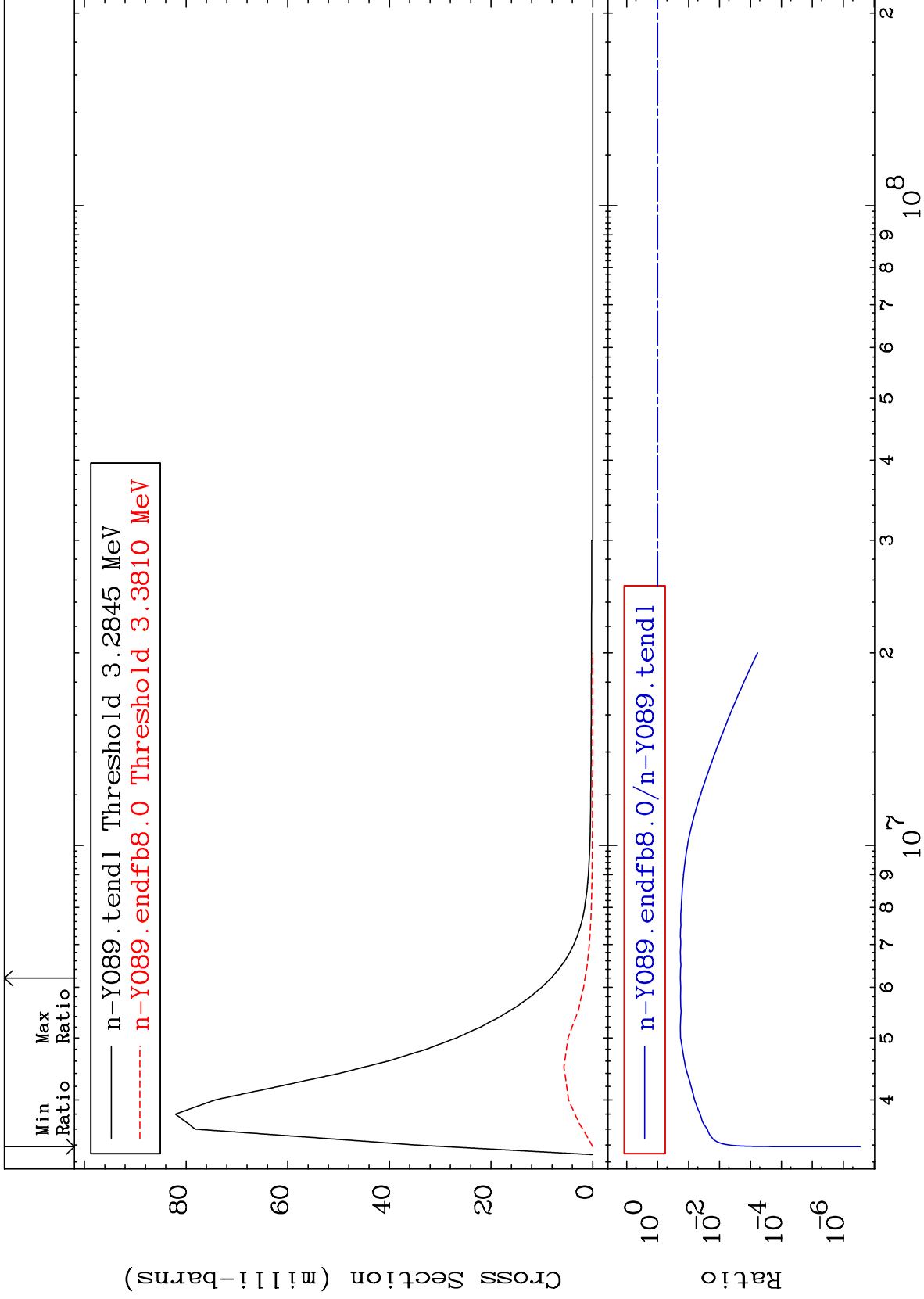
39-Y -89  
-91.25 To -44.86%

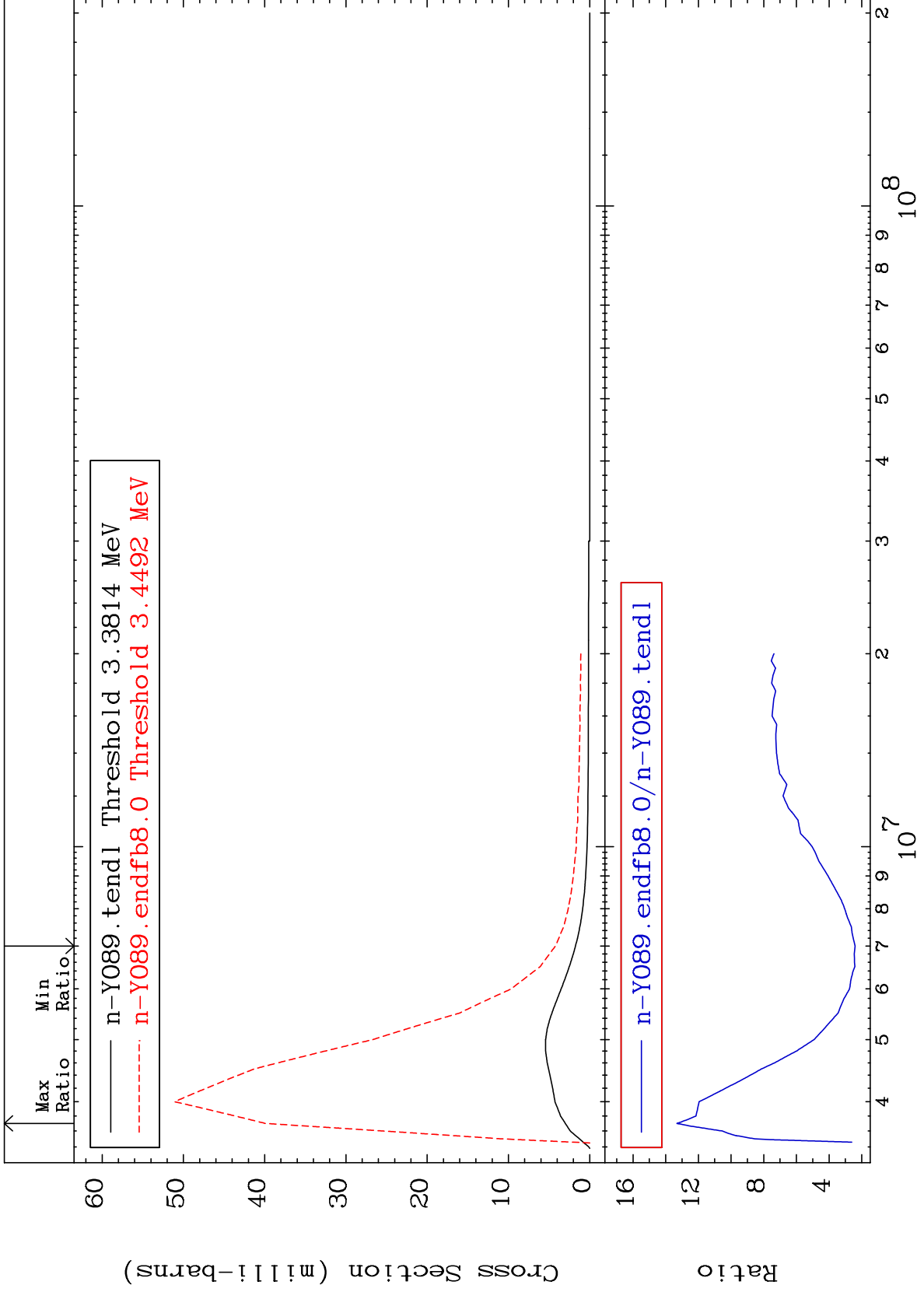


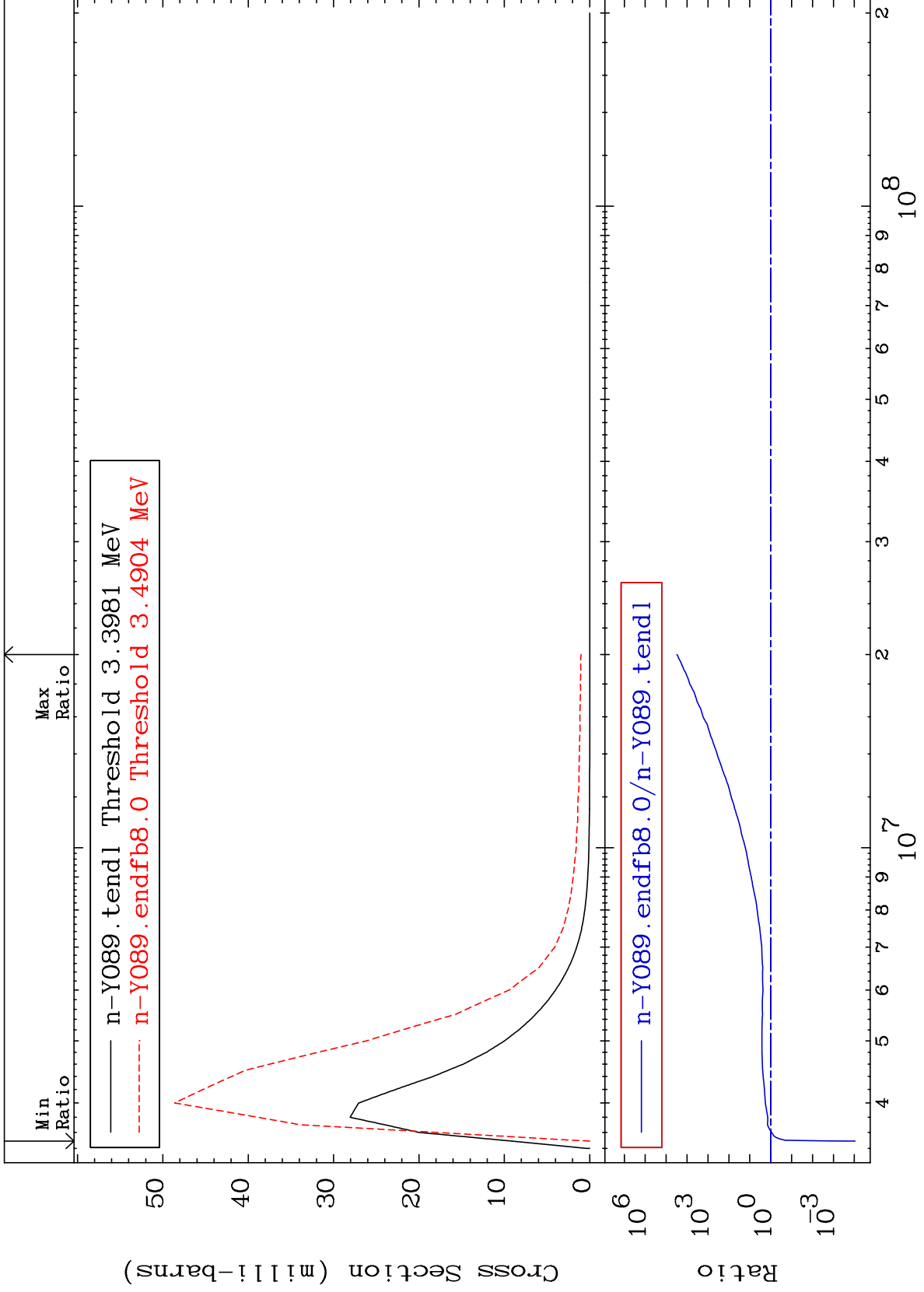
20

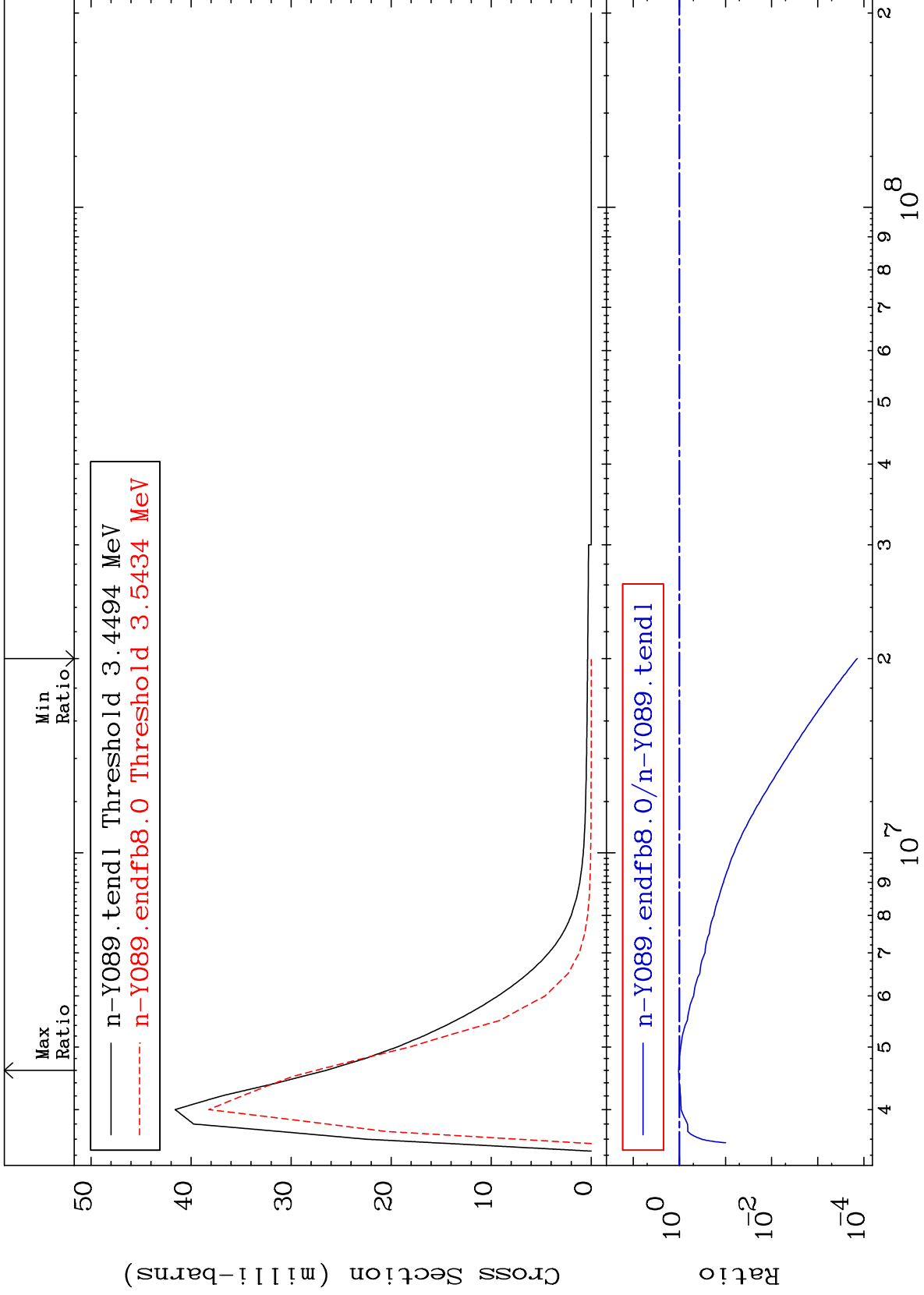
Incident Energy (eV)

39-Y -89

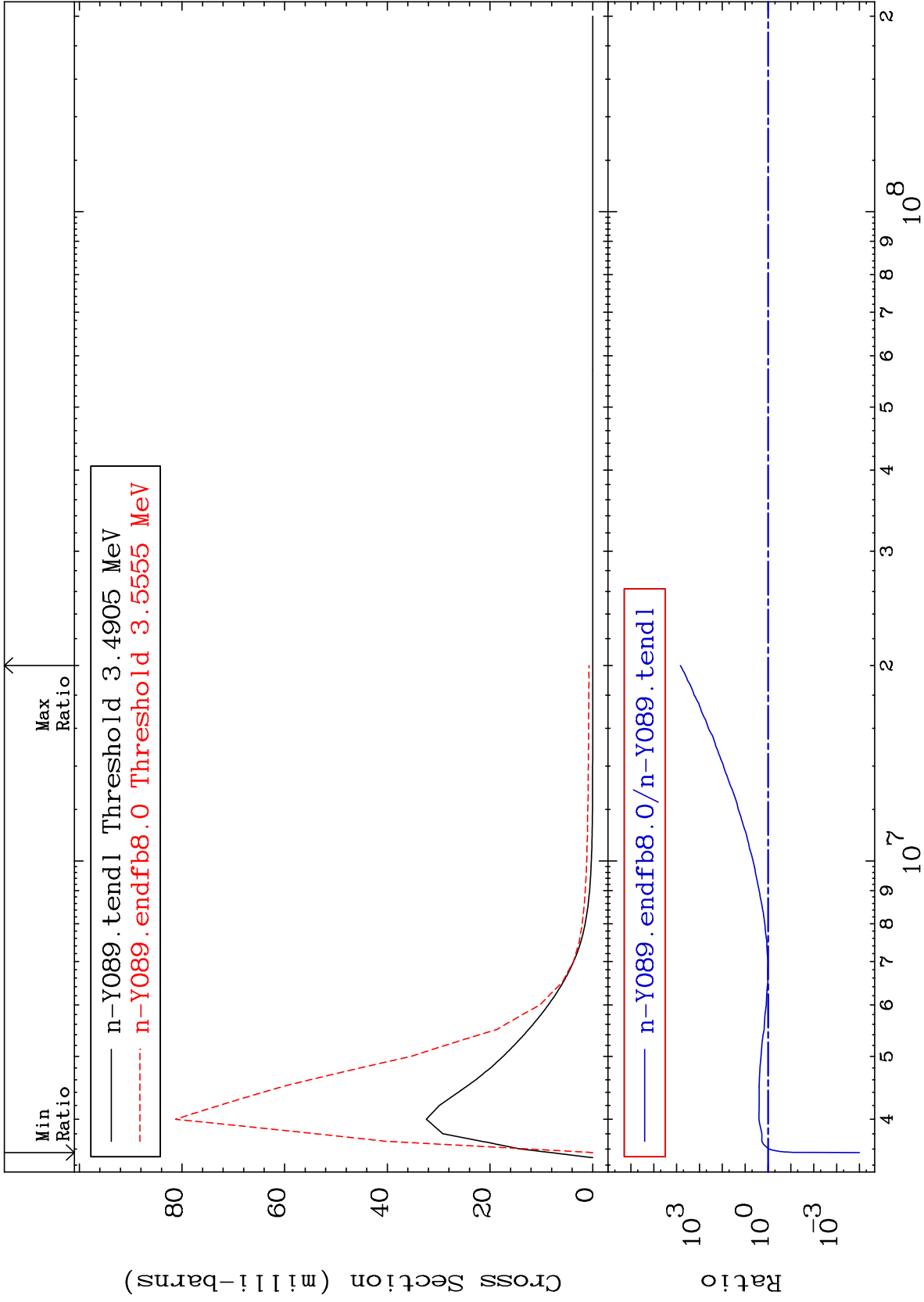


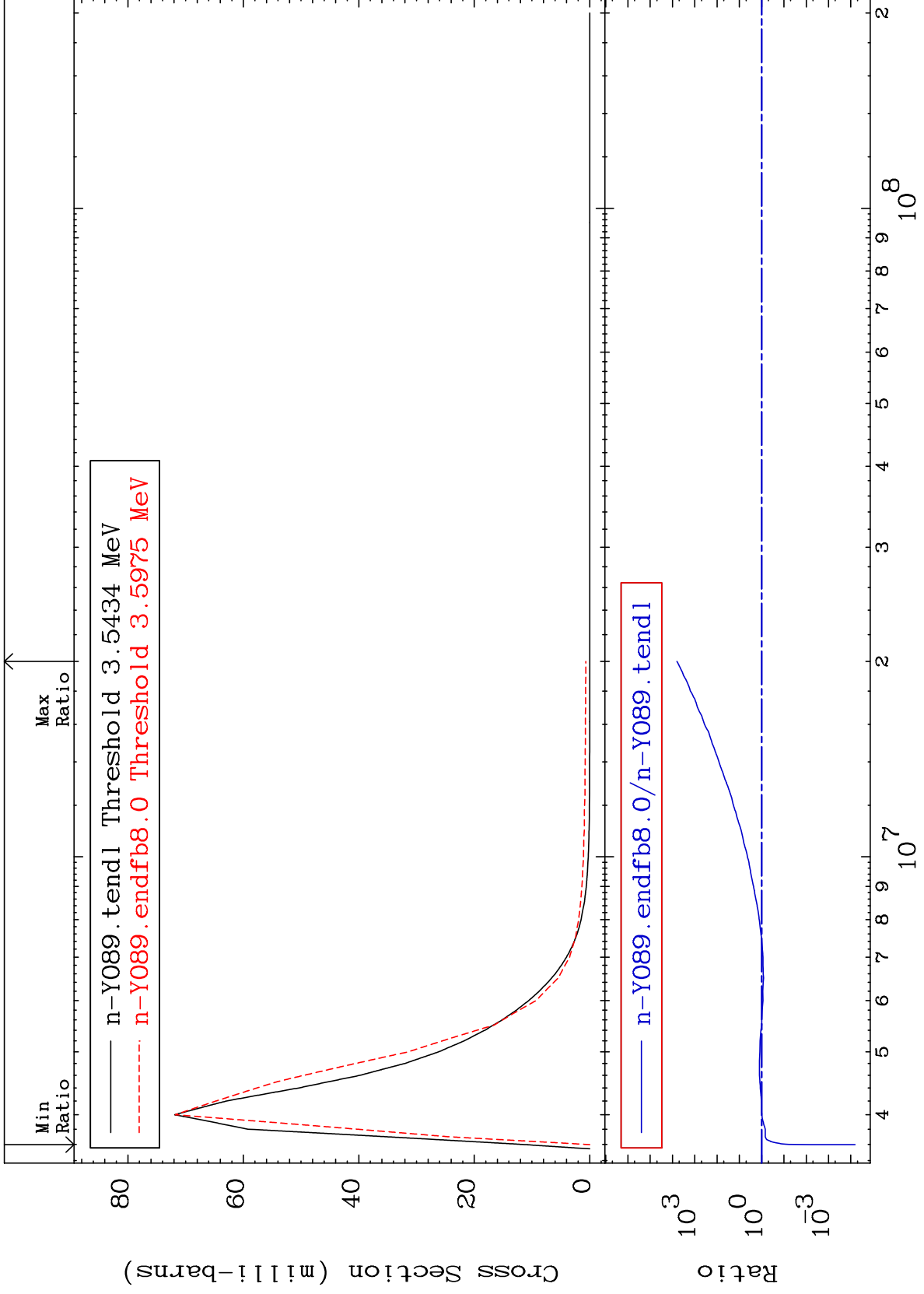


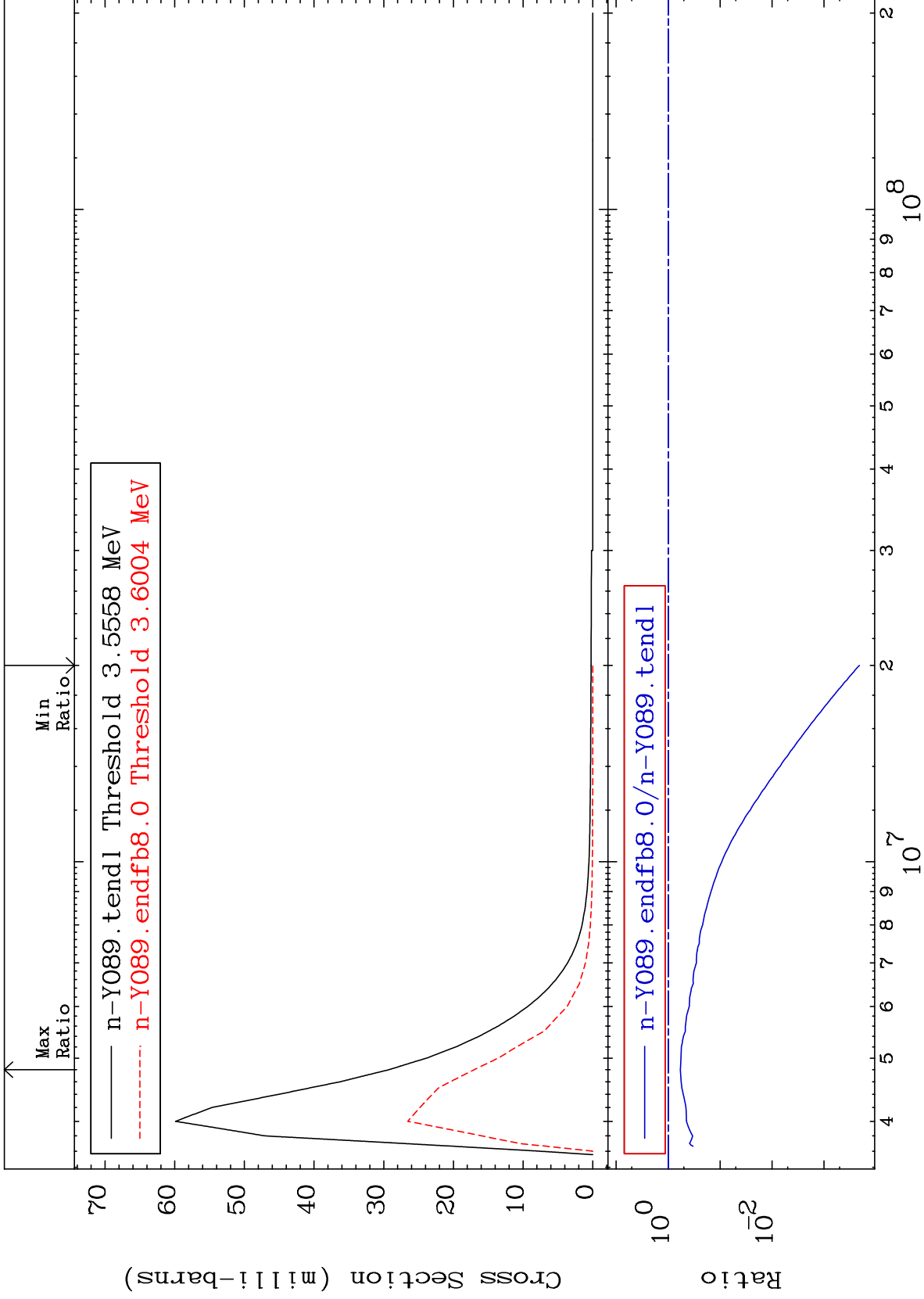


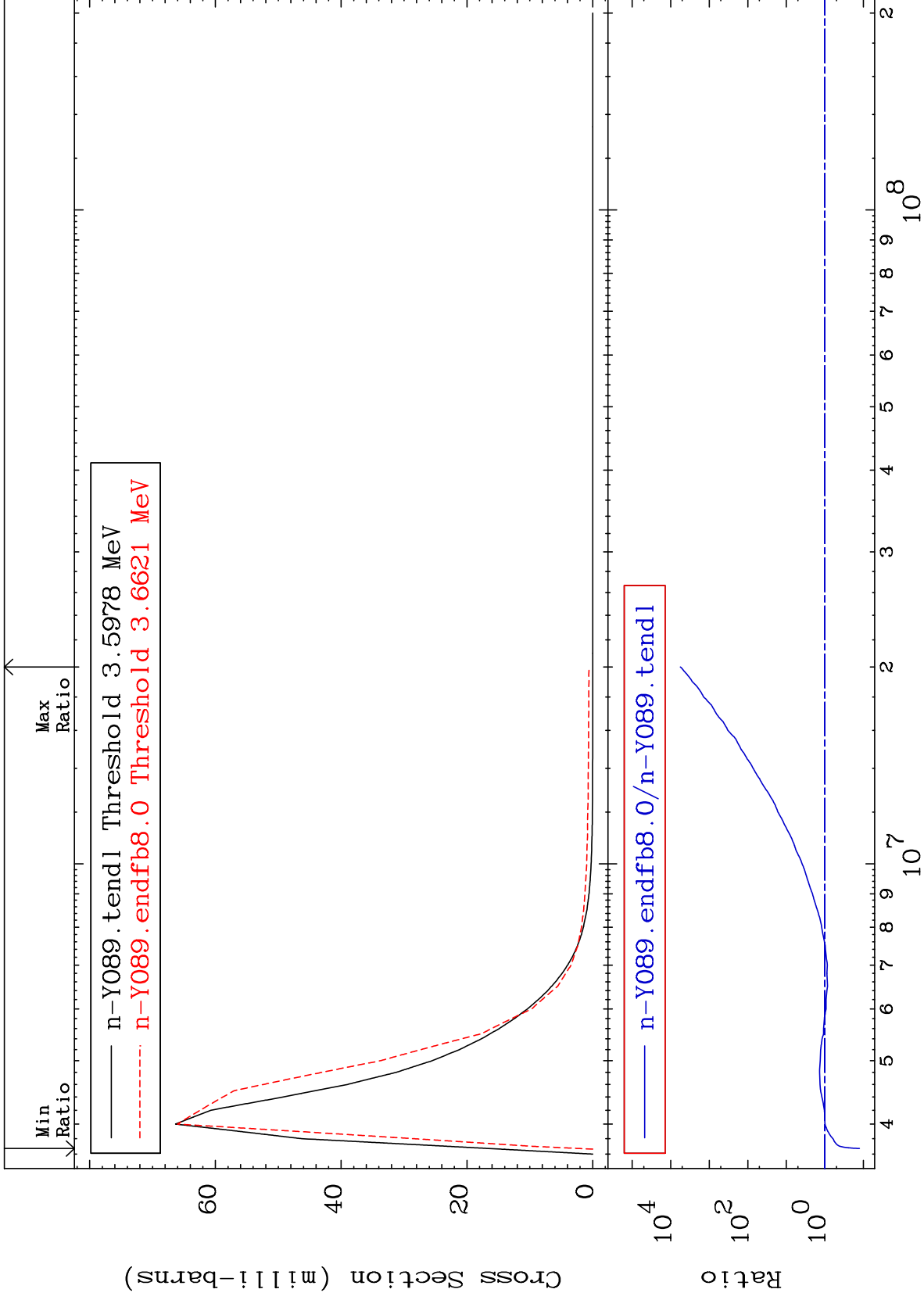


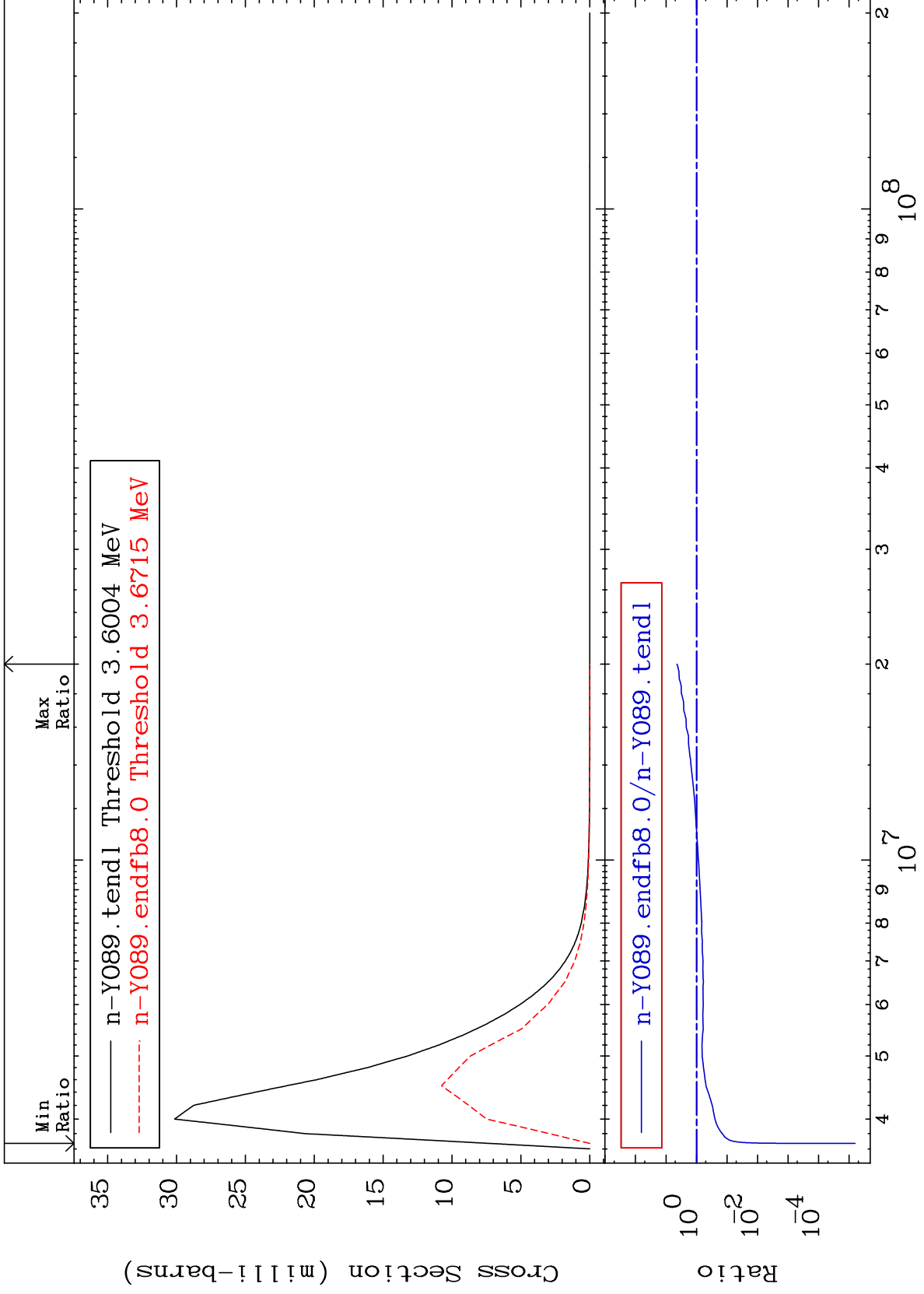








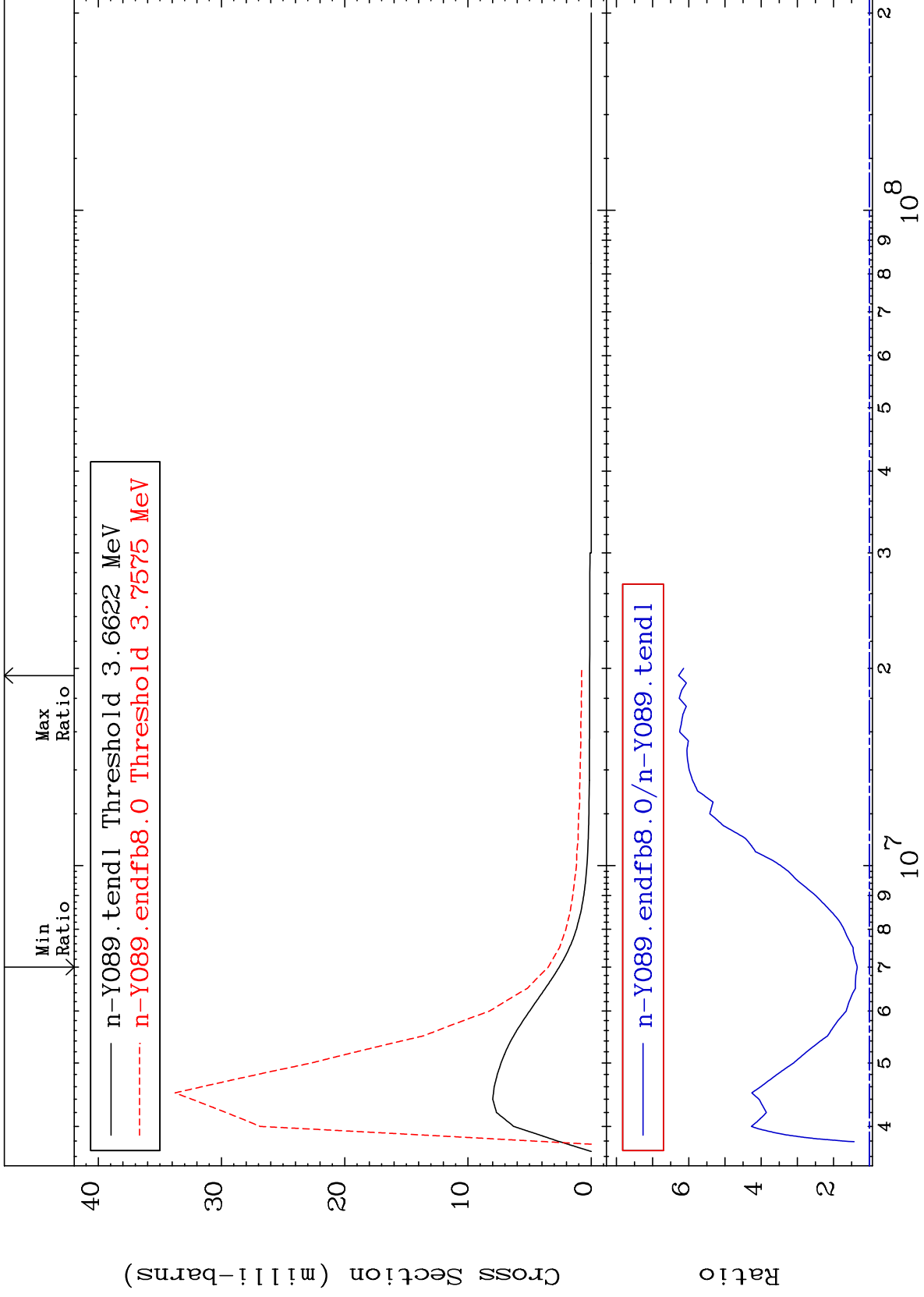




MAT 3925

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

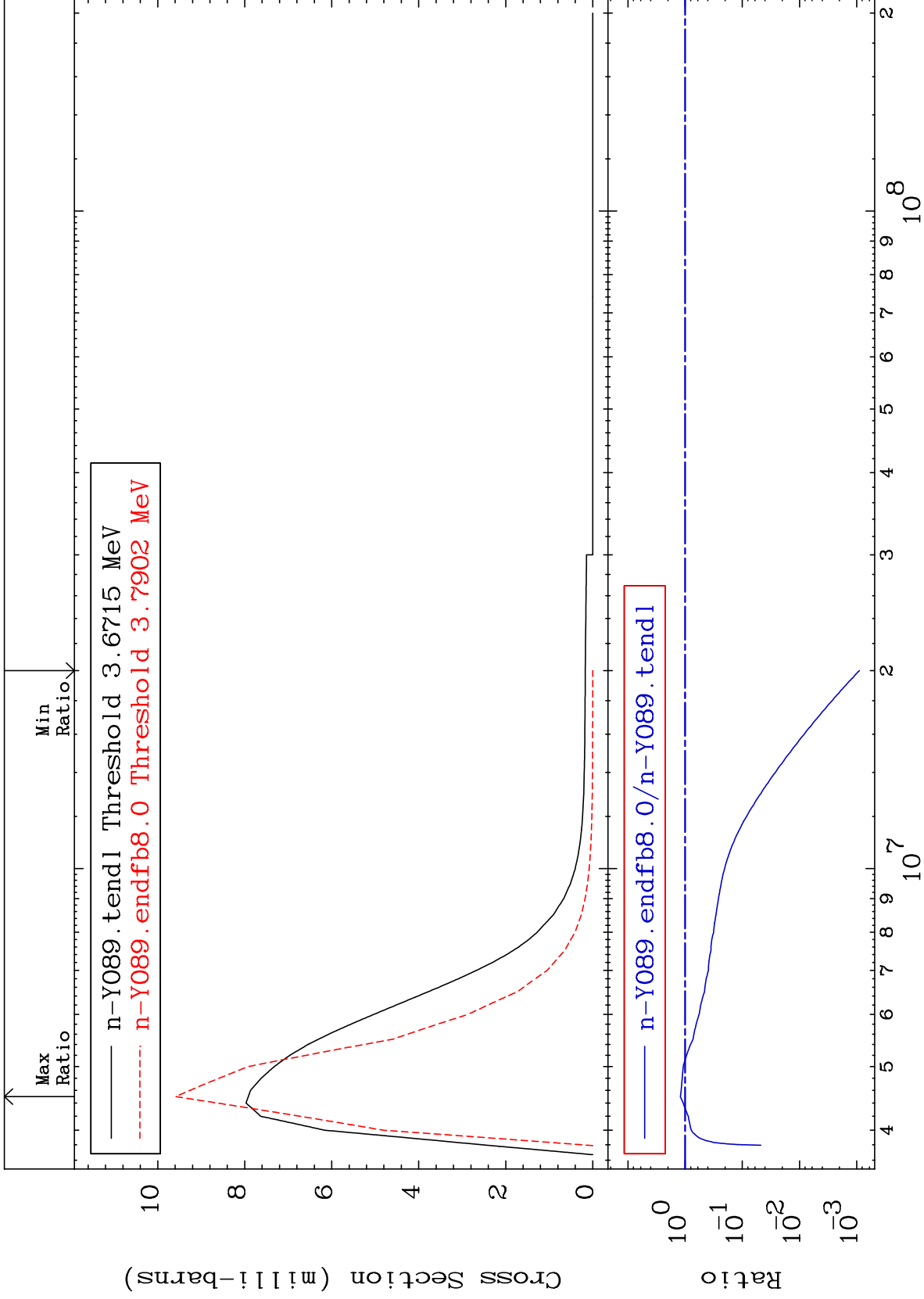
39-Y -89  
34.18 To 528.0 %



30

Incident Energy (eV)

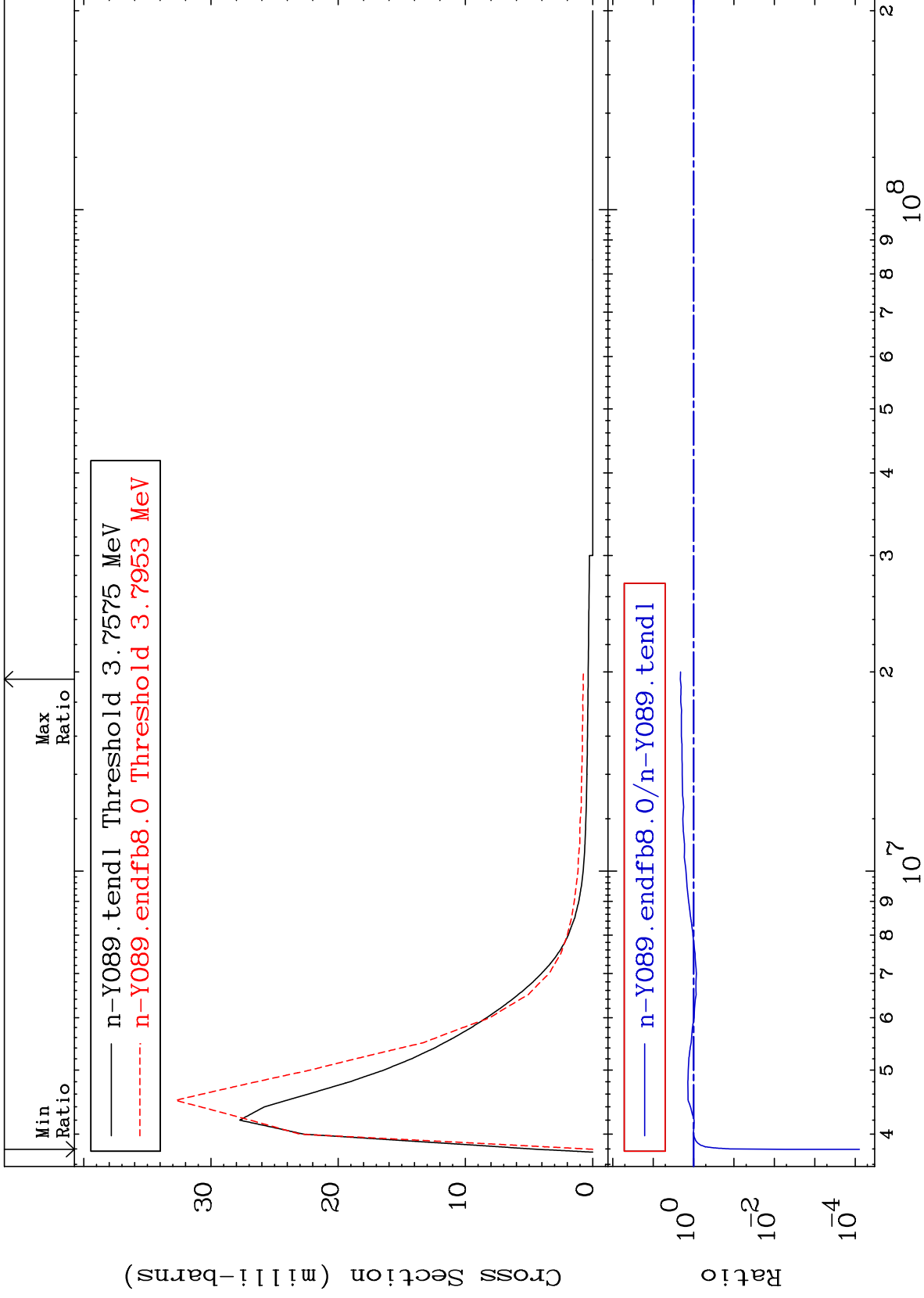
39-Y -89



MAT 3925

MT= 76 (n,n') Level  
Cross Section

39-Y -89  
-99.99 To 112.2 %



32

Incident Energy (eV)

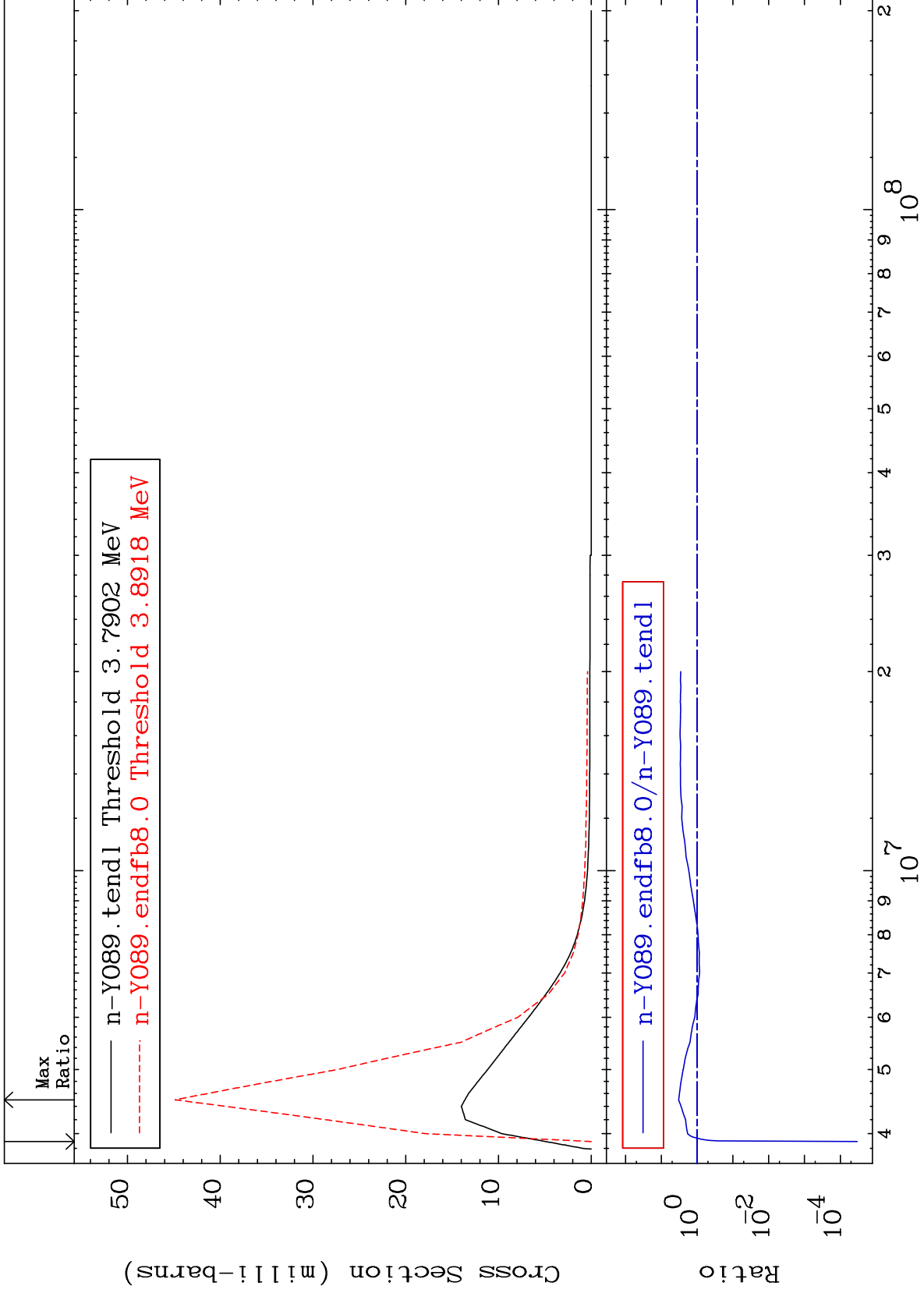
39-Y -89

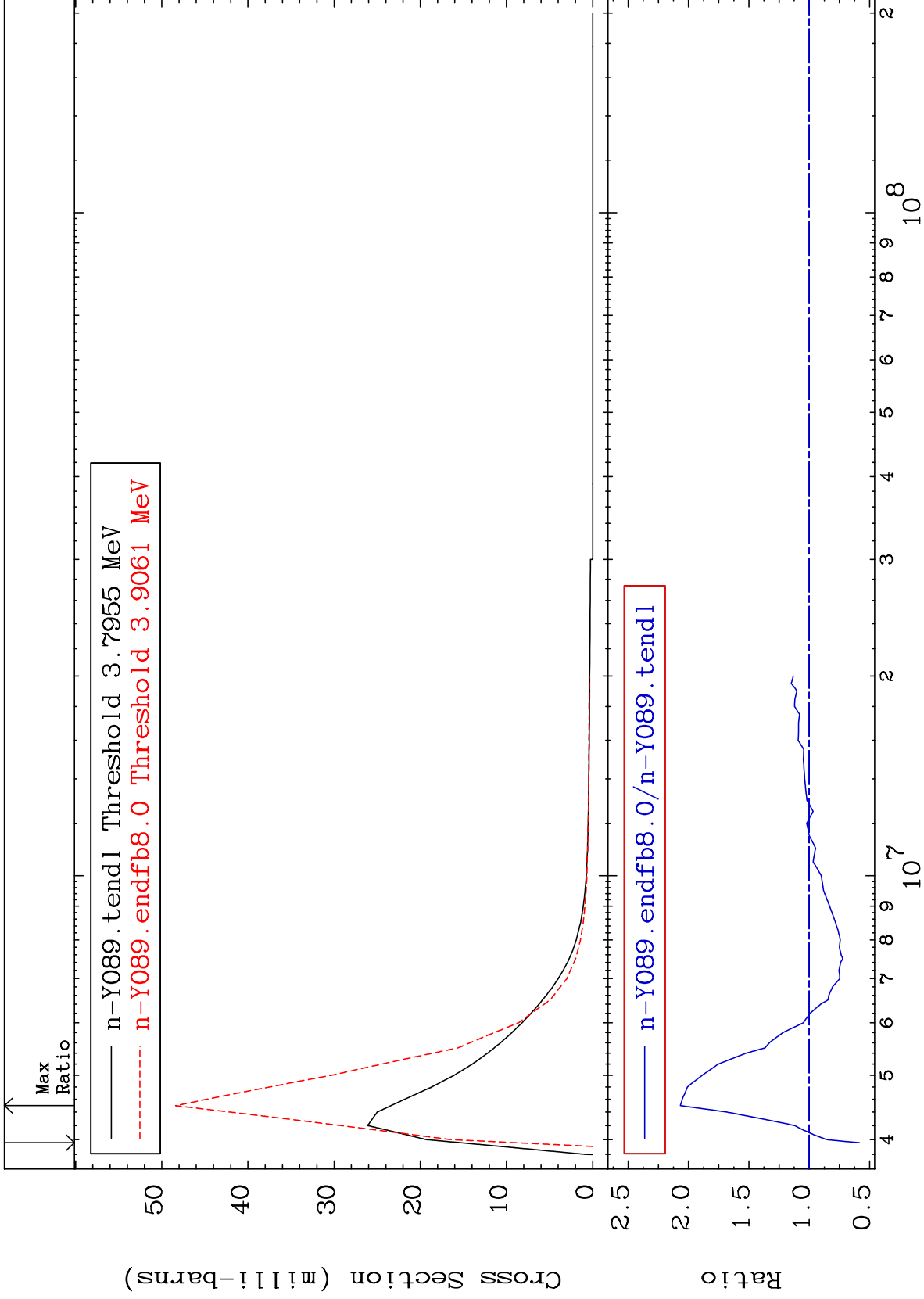


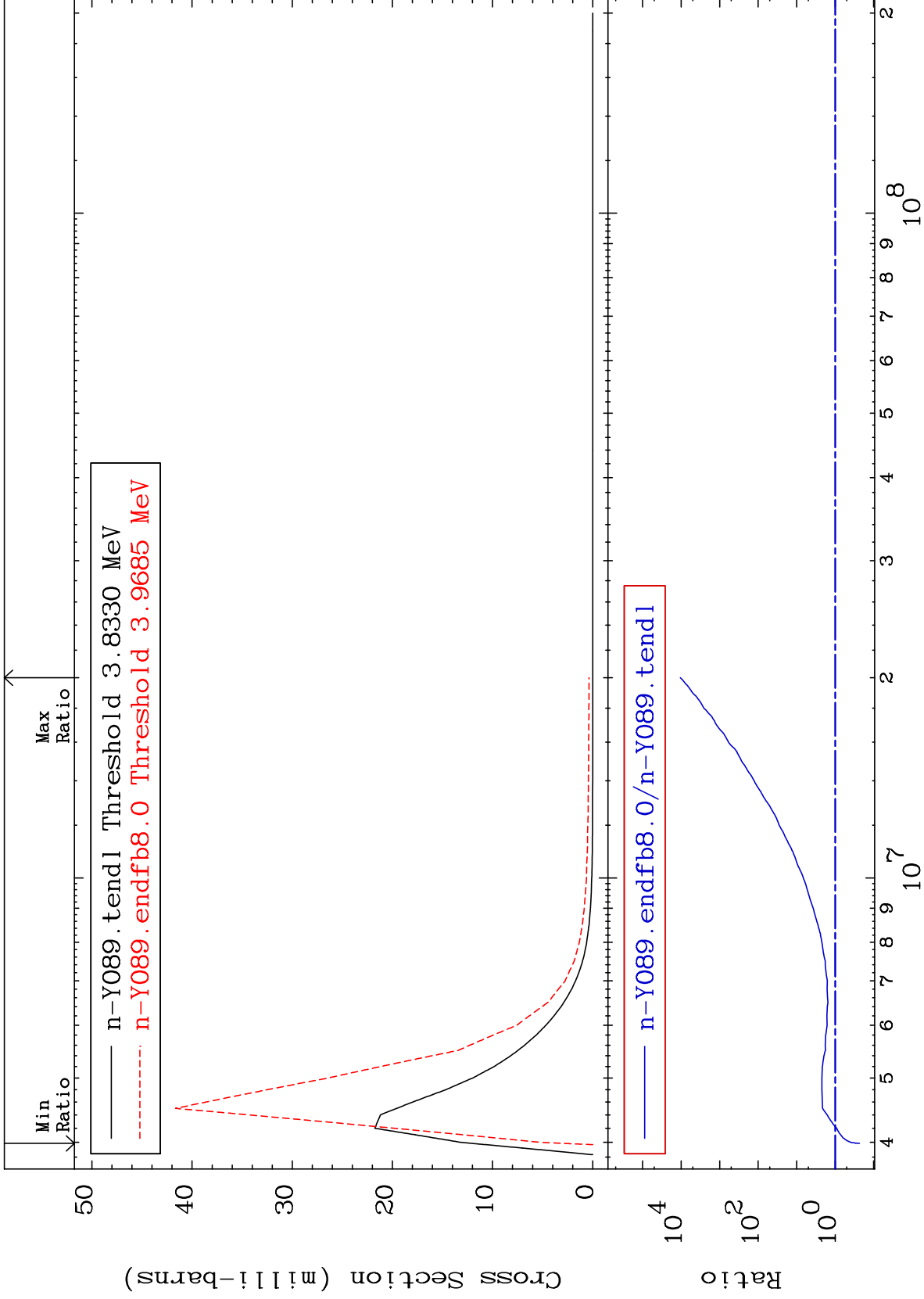
MAT 3925

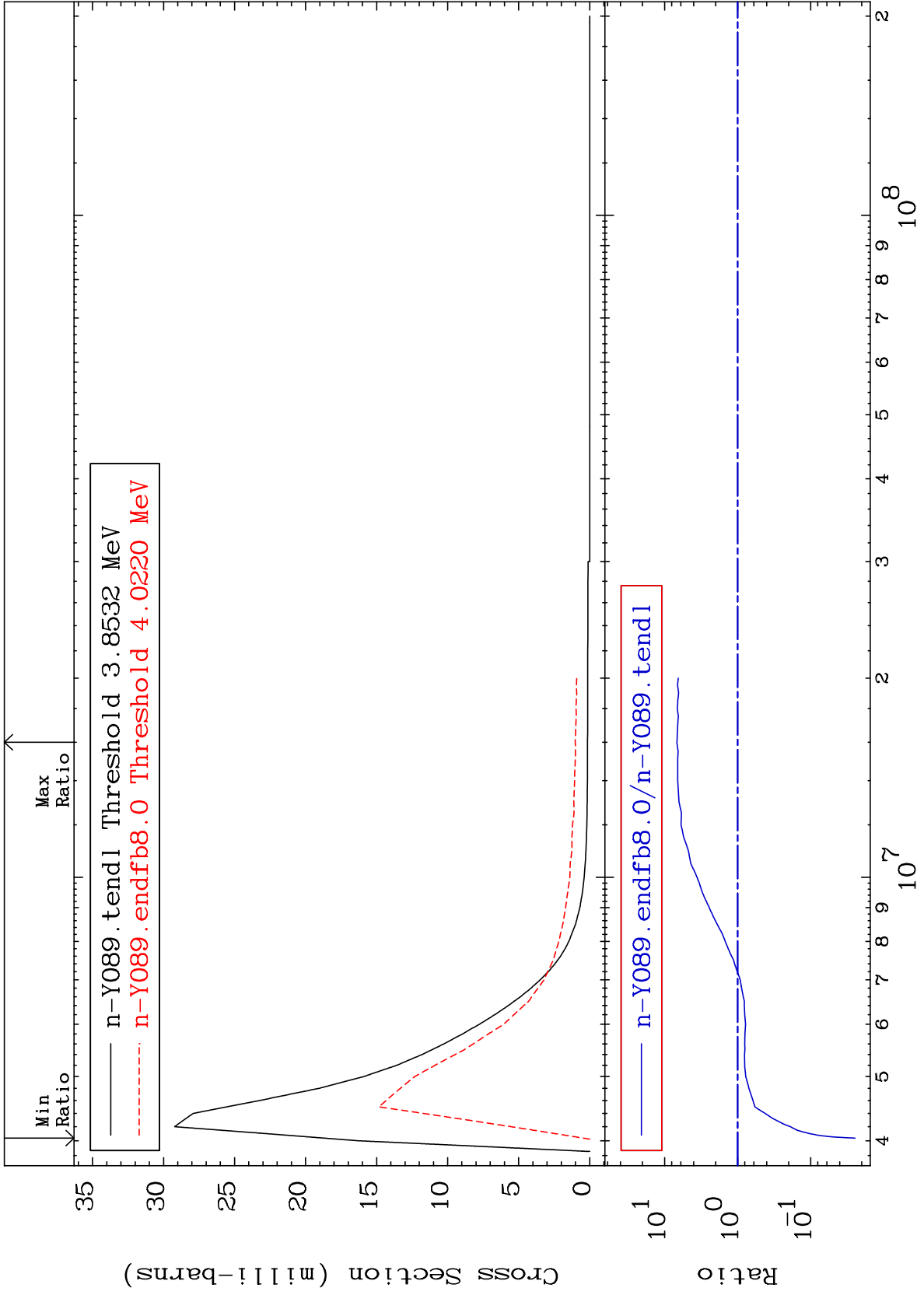
MT= 77 (n,n') Level  
Cross Section

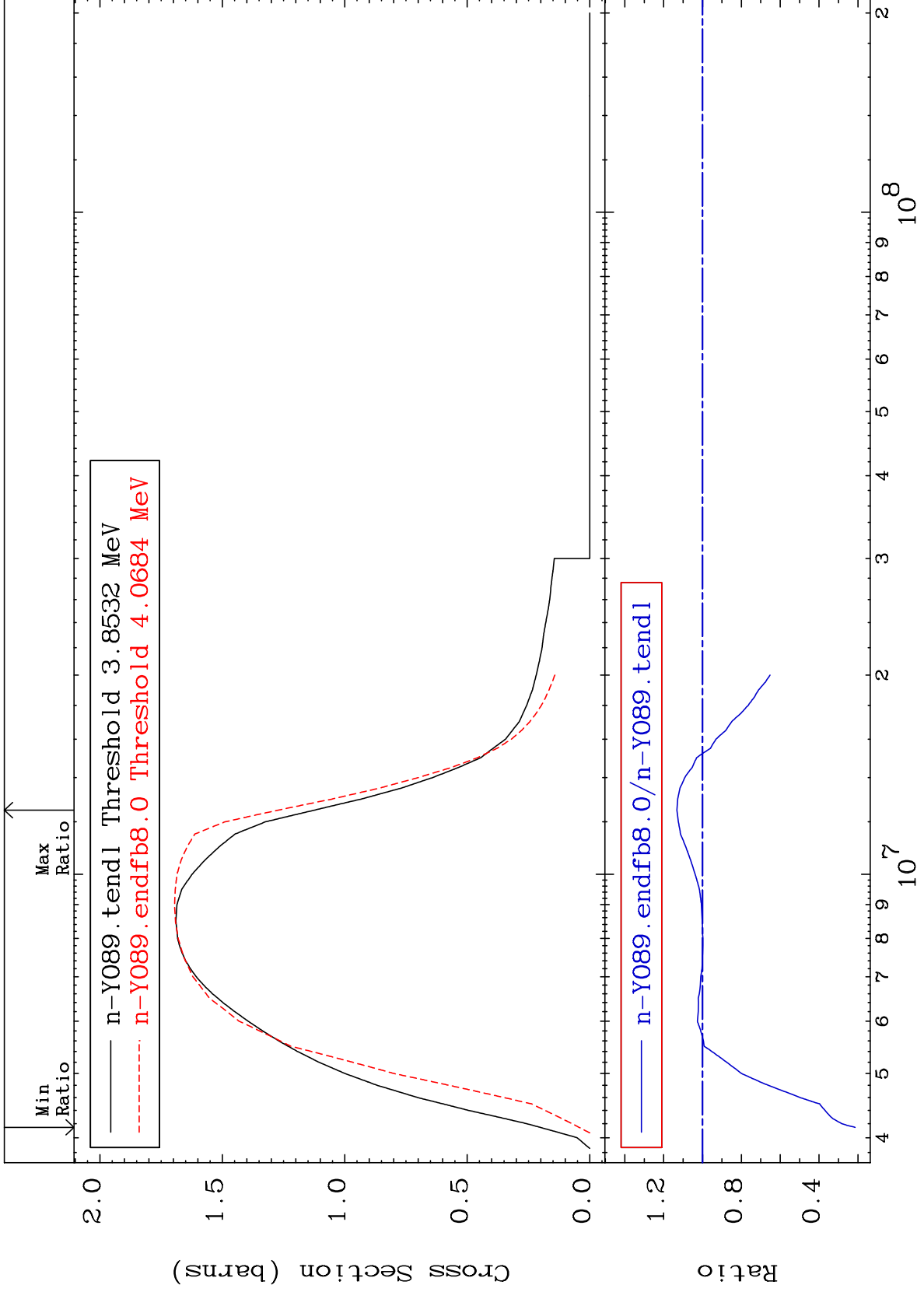
39-Y -89  
-100.0 To 229.6 %

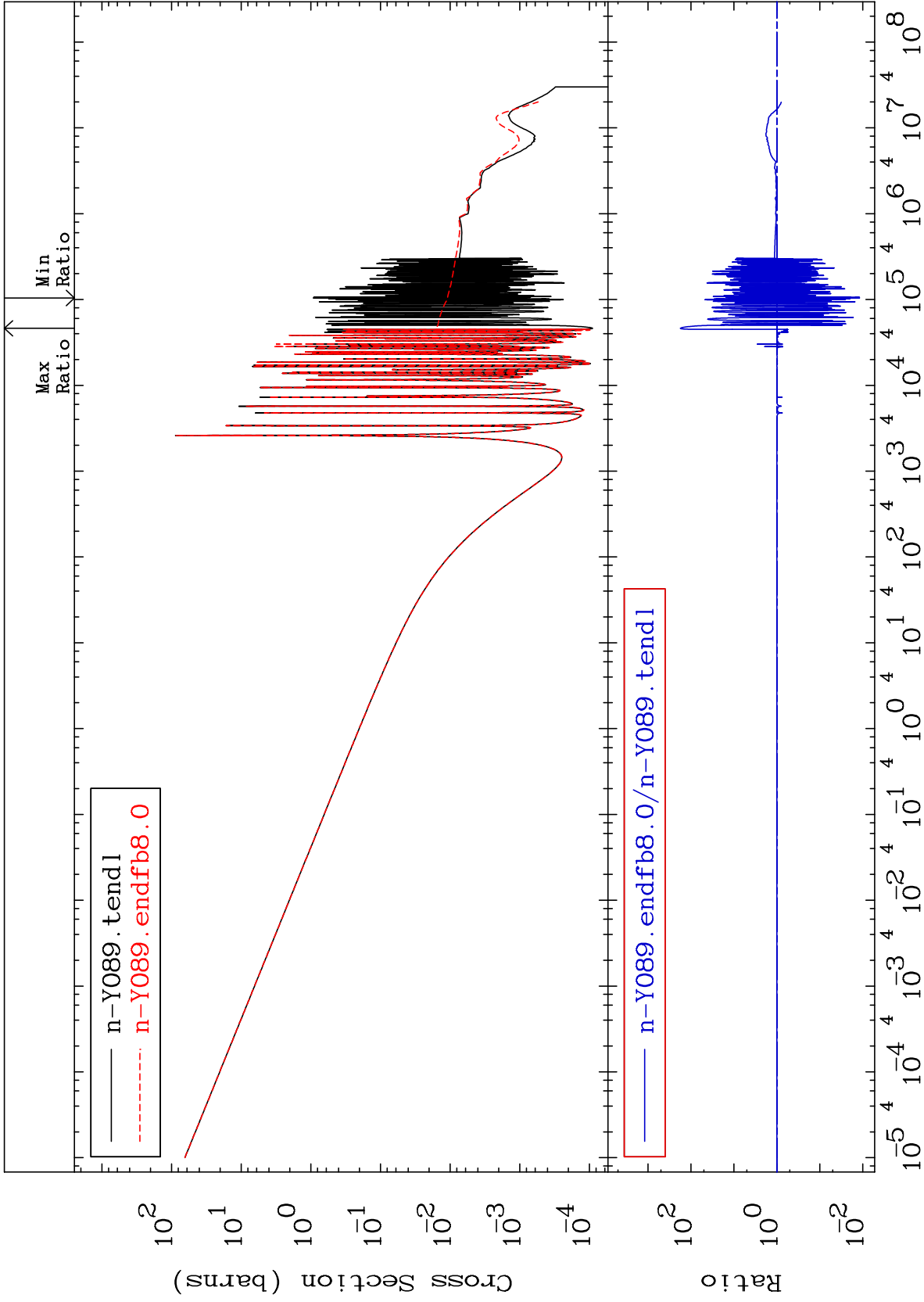












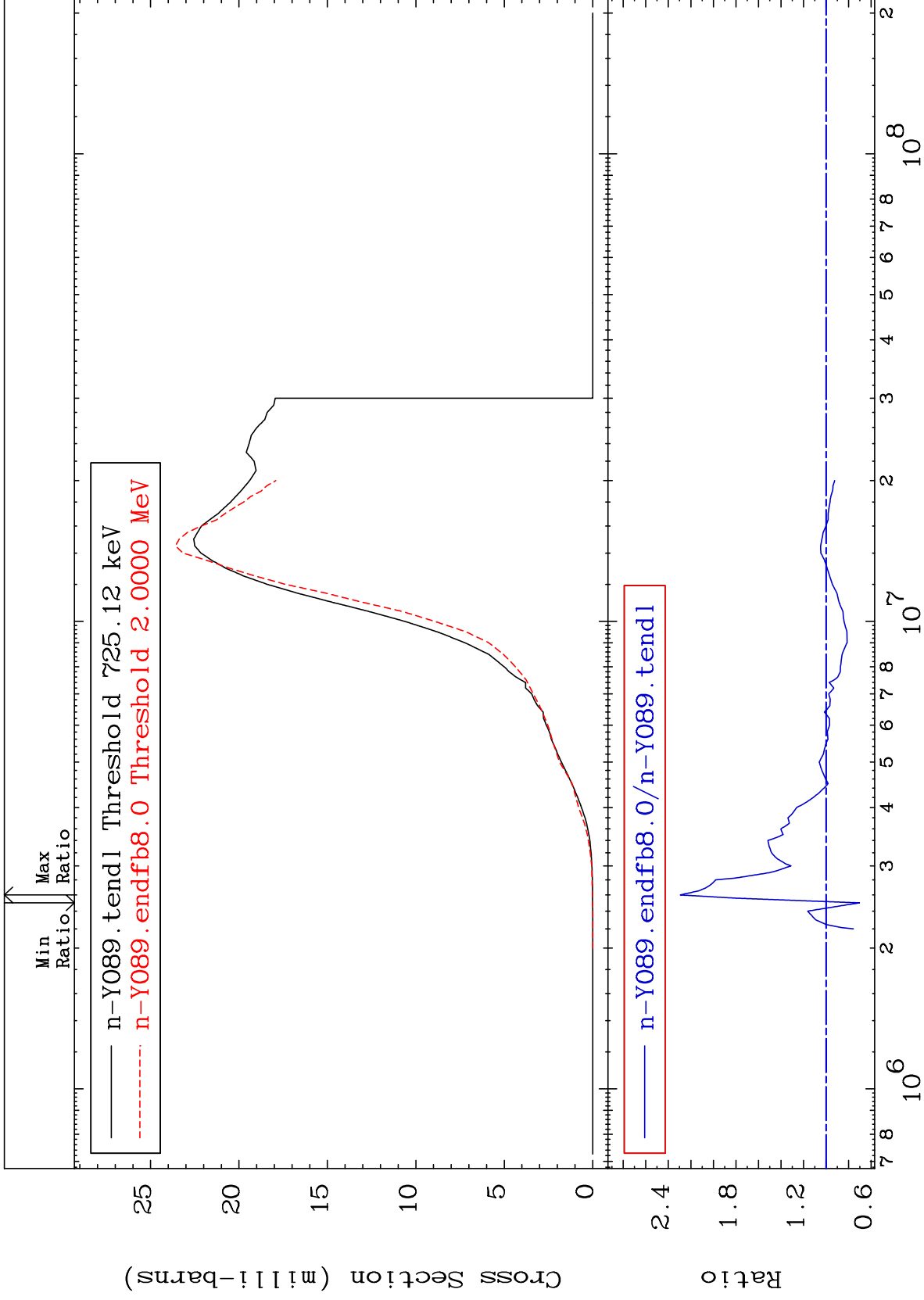
MAT 3925

(n,p)

Cross Section

39-Y -89

-29.64 To 129.3 %

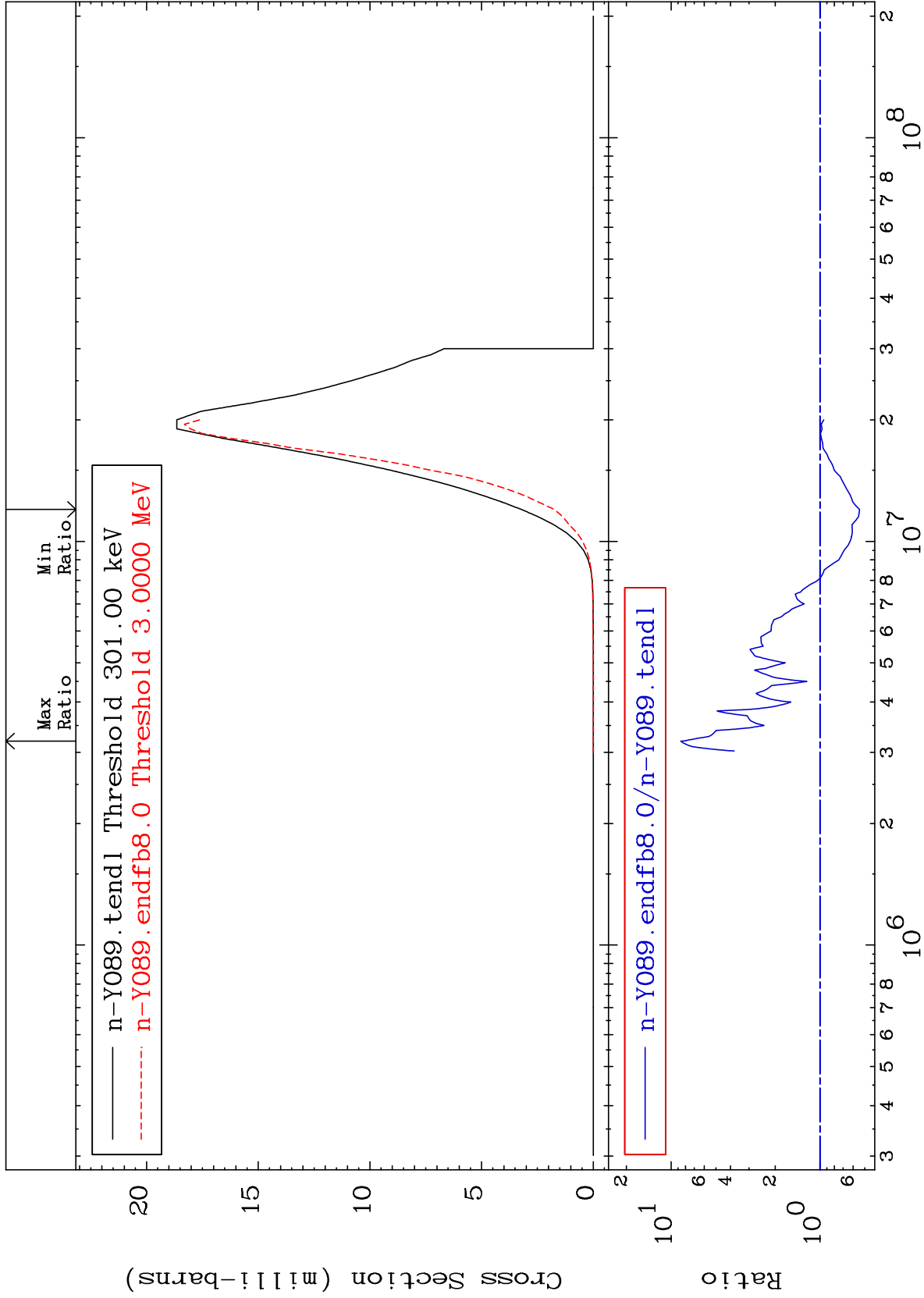


39

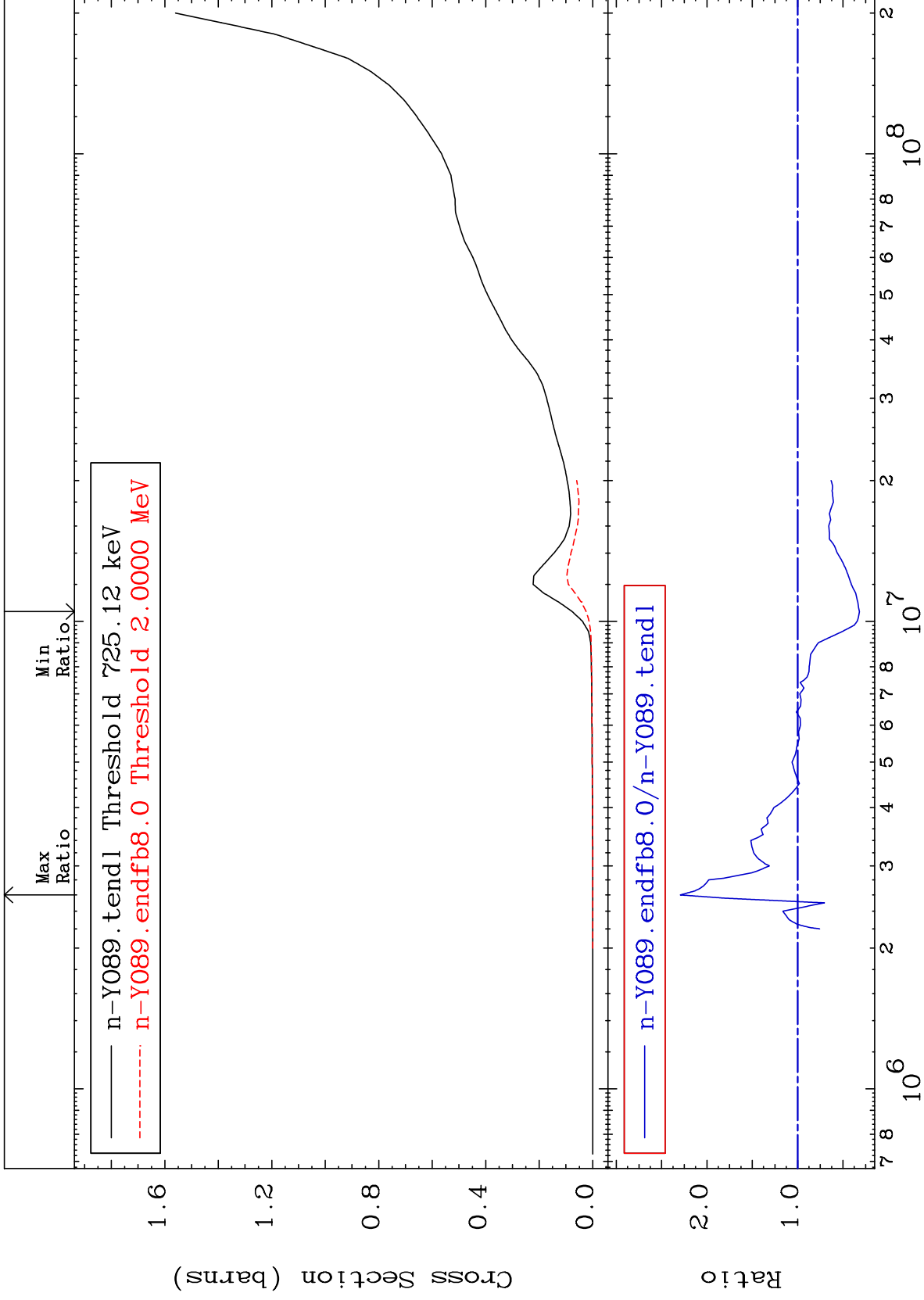
Incident Energy (eV)

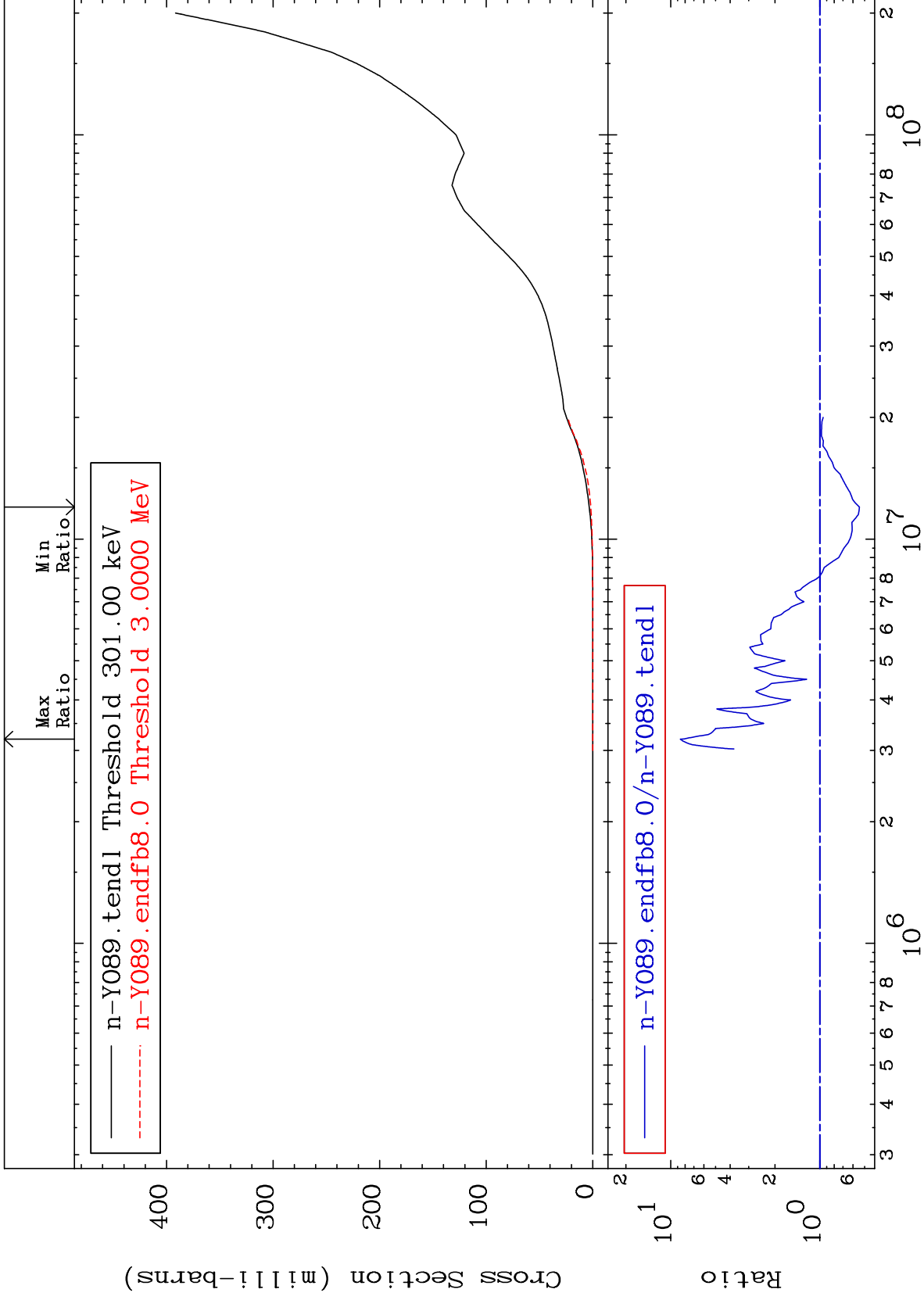
39-Y -89

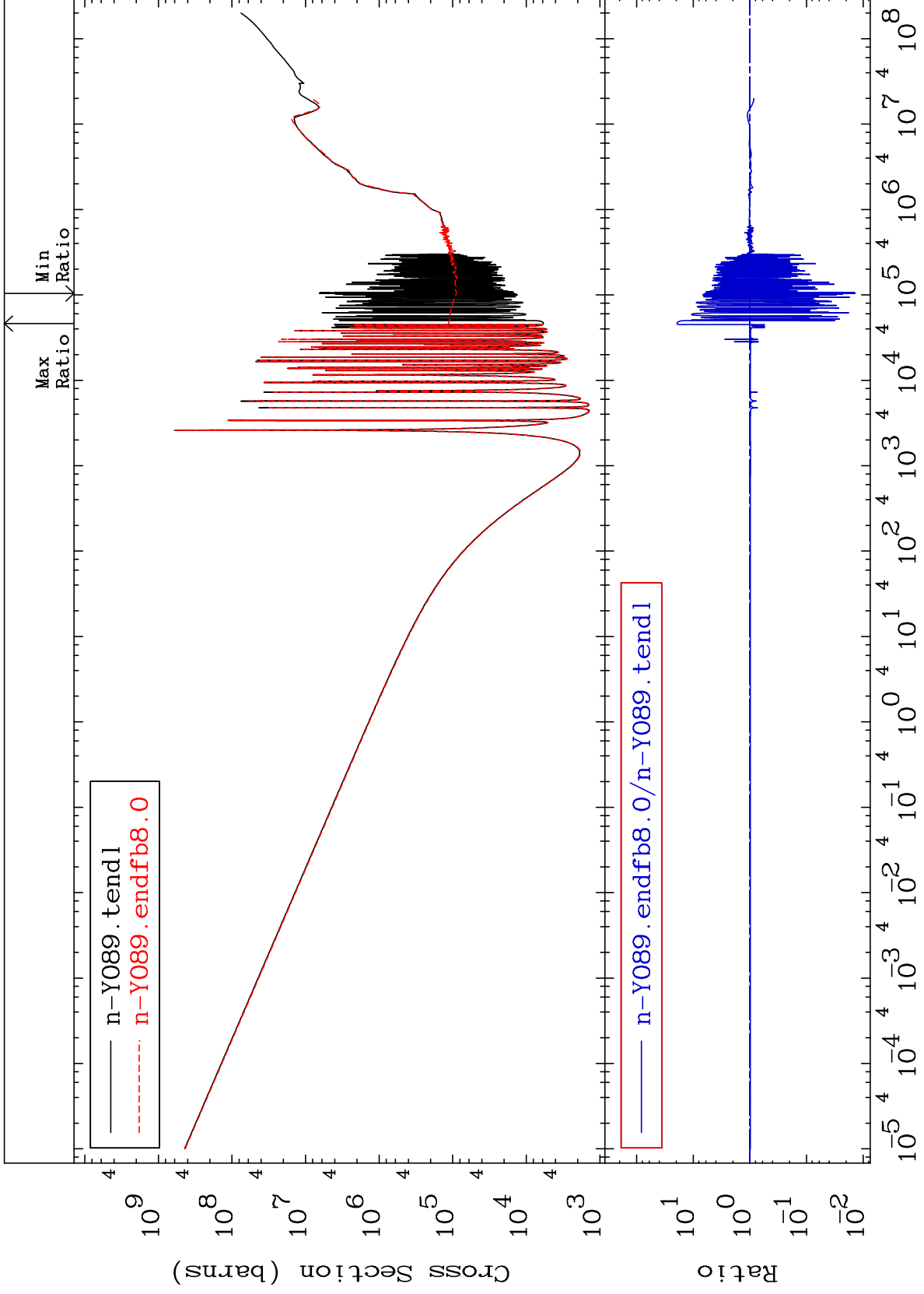
(n,  $\alpha$ )  
Cross Section

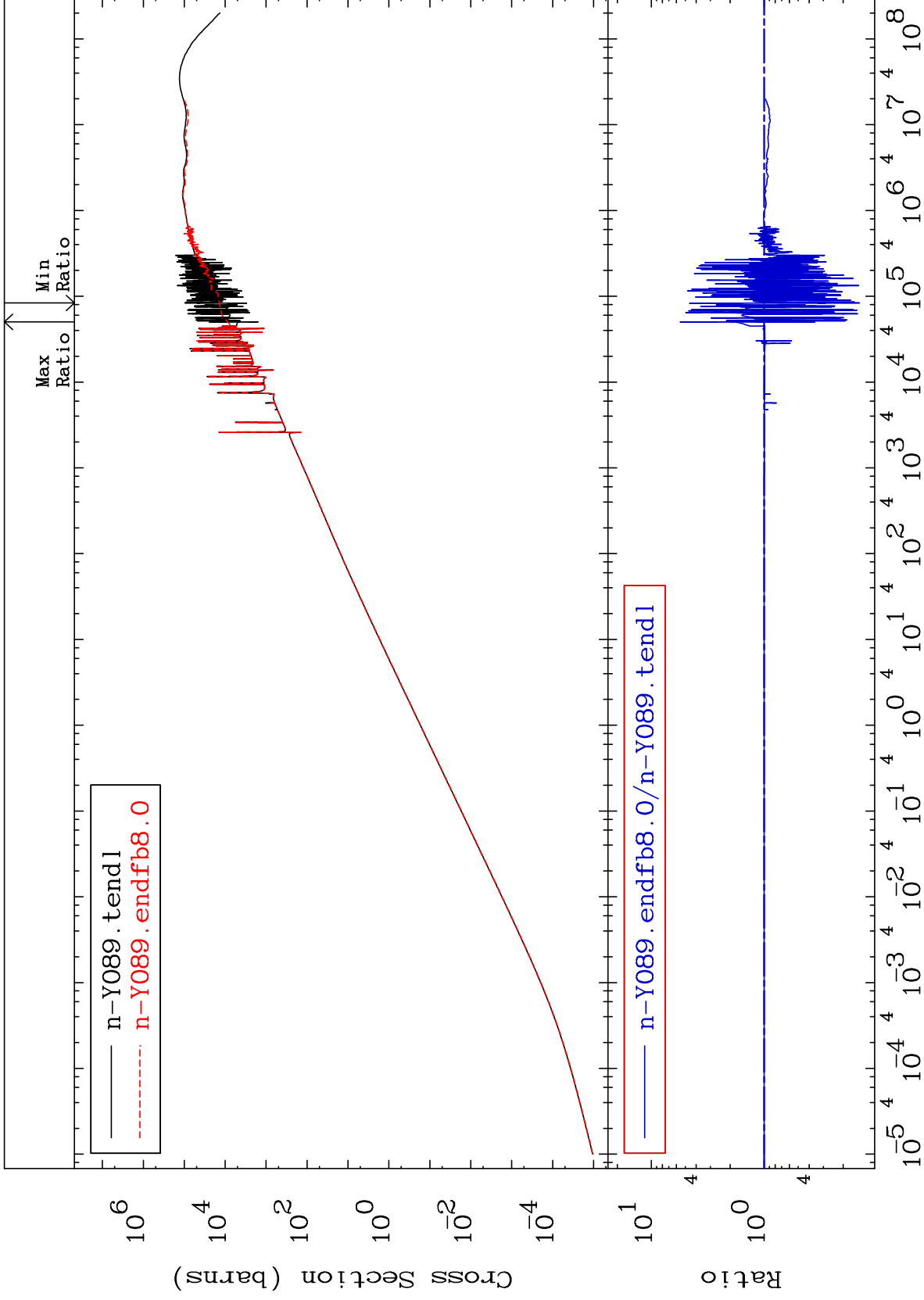


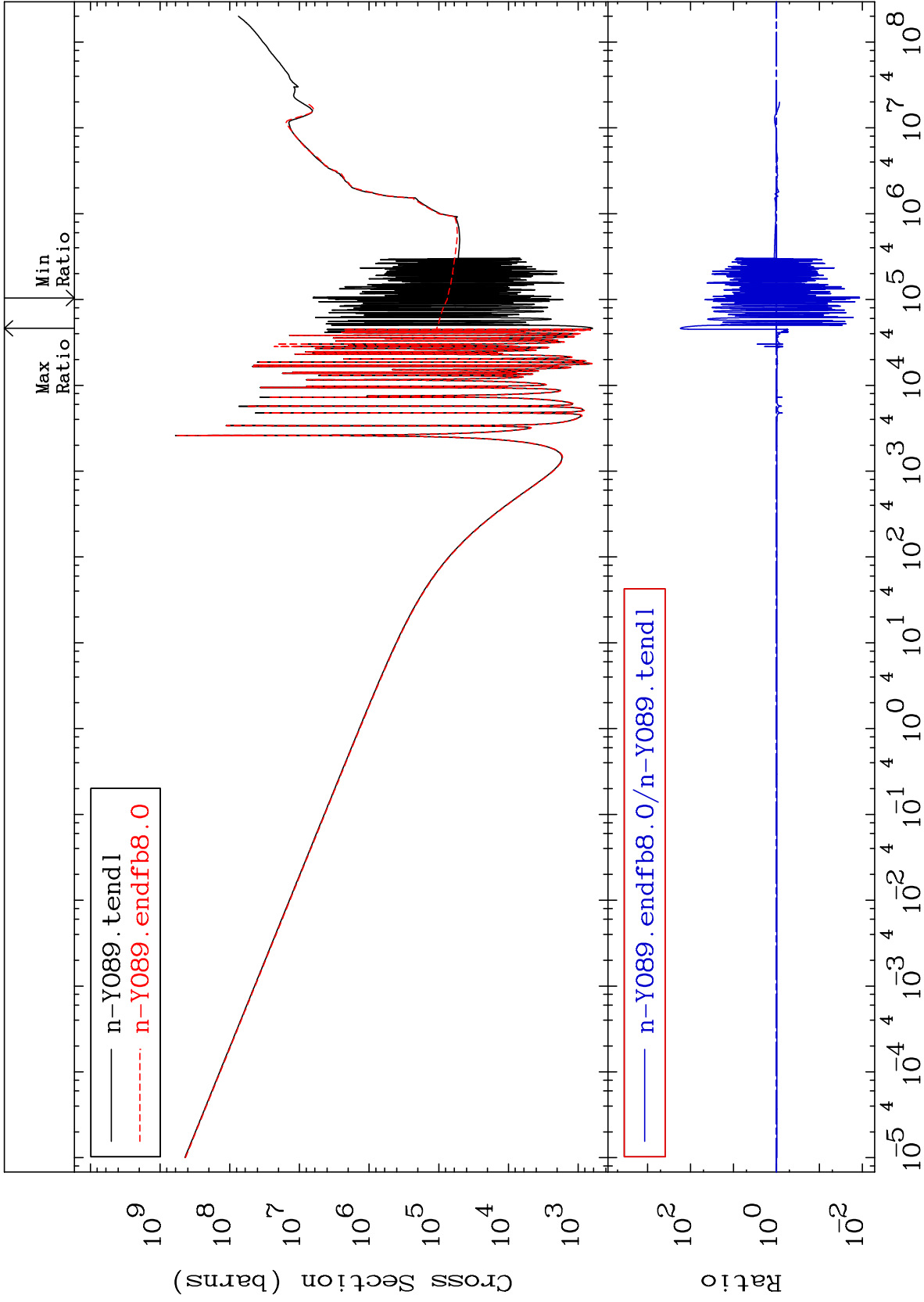


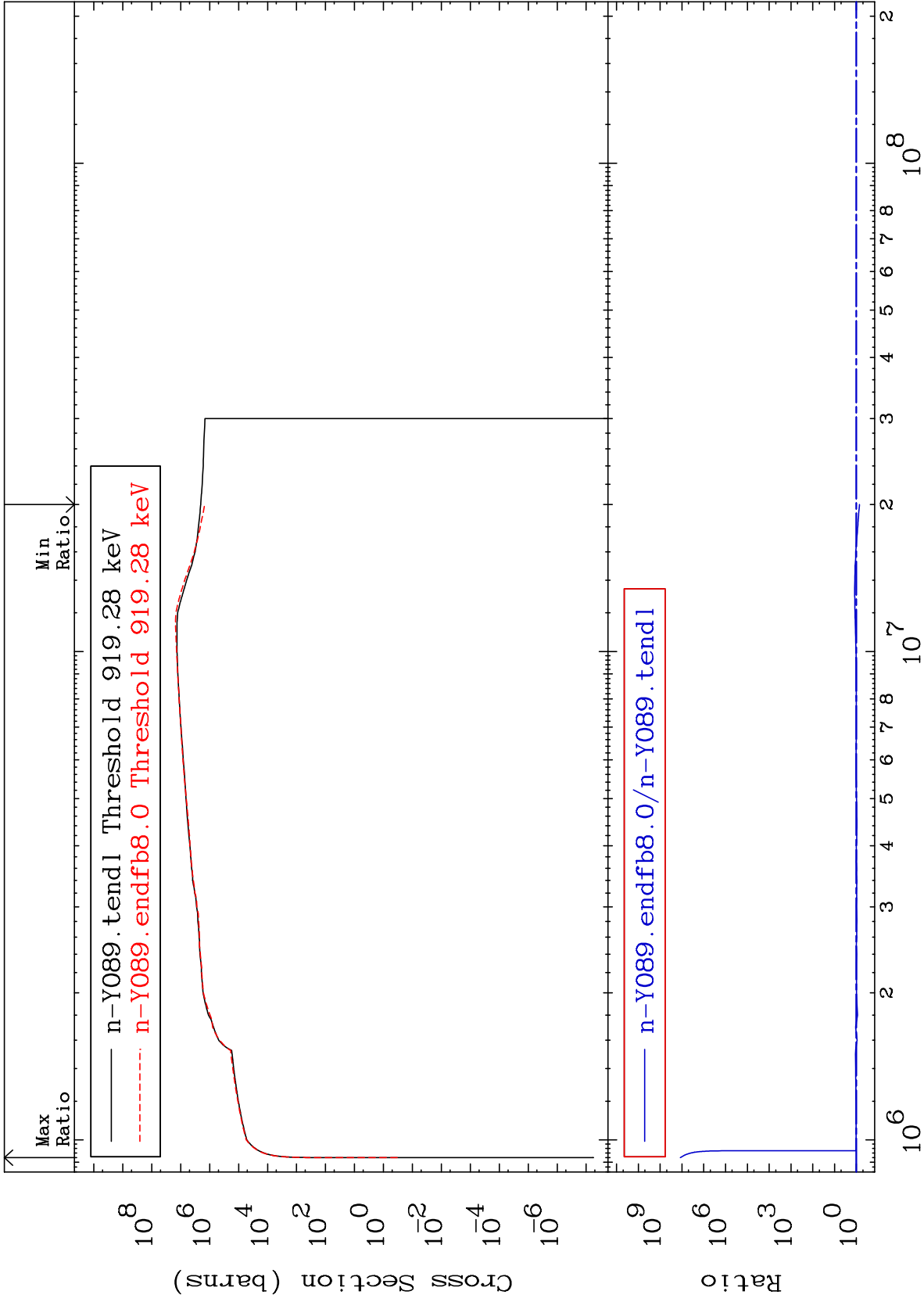


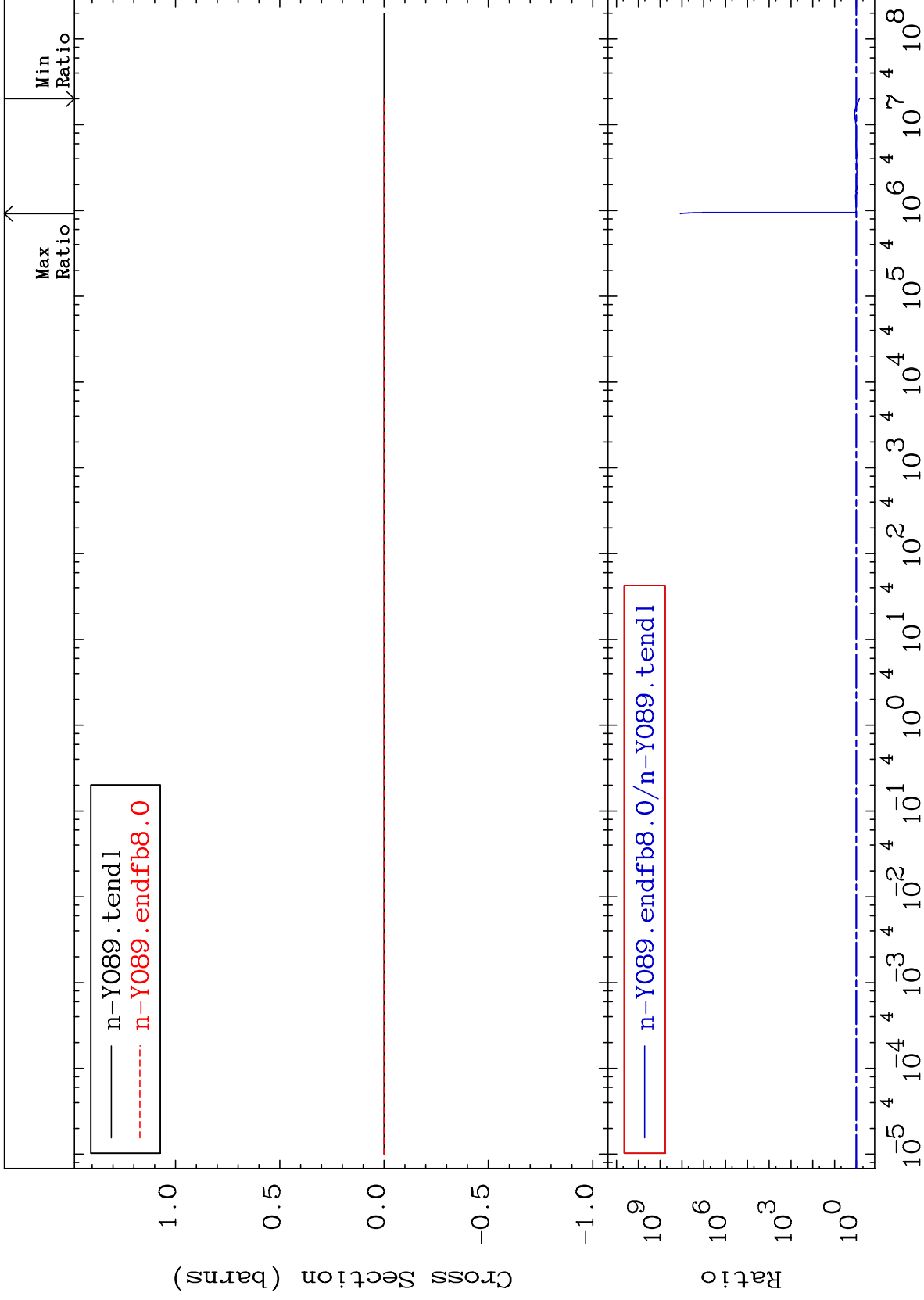


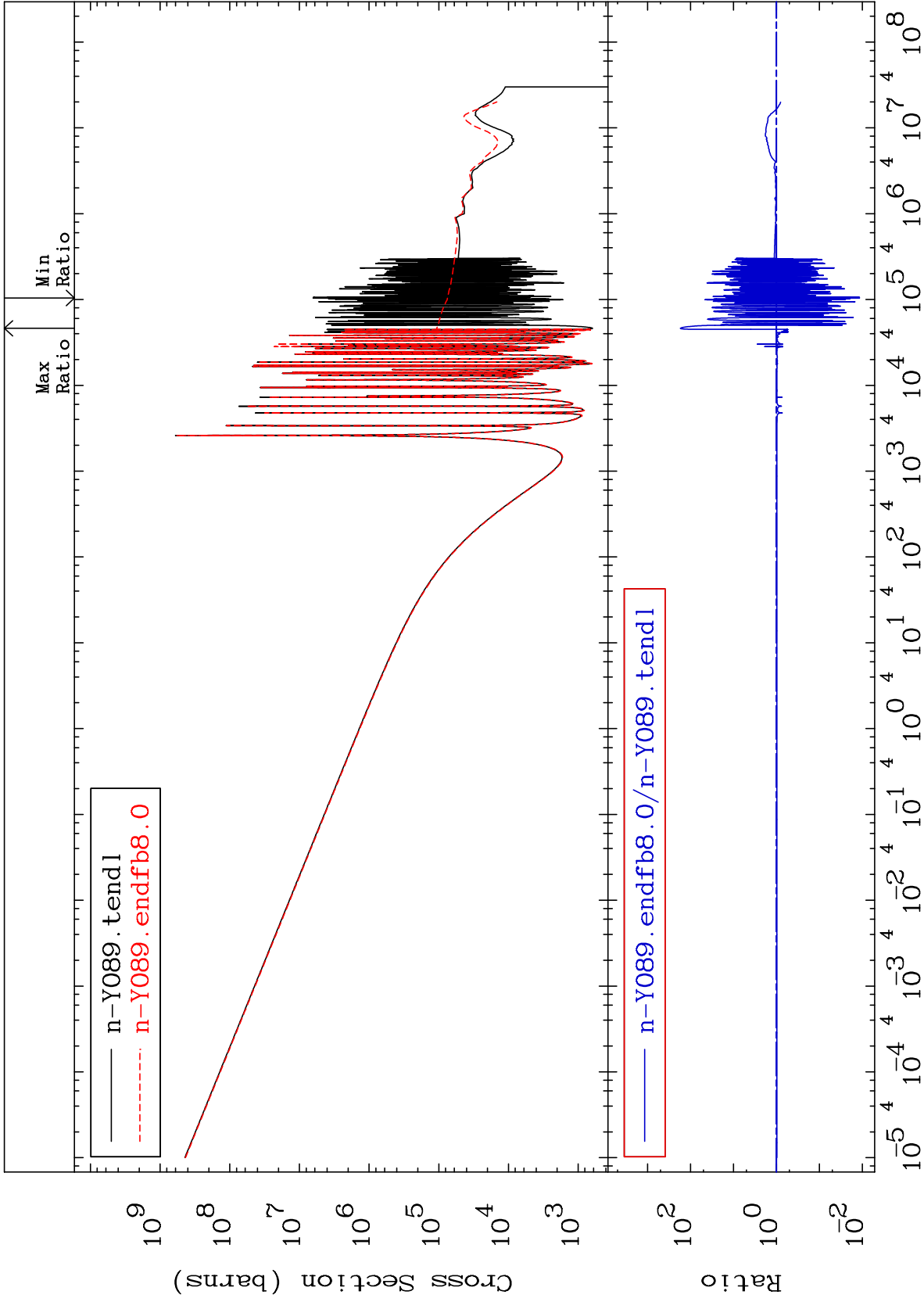




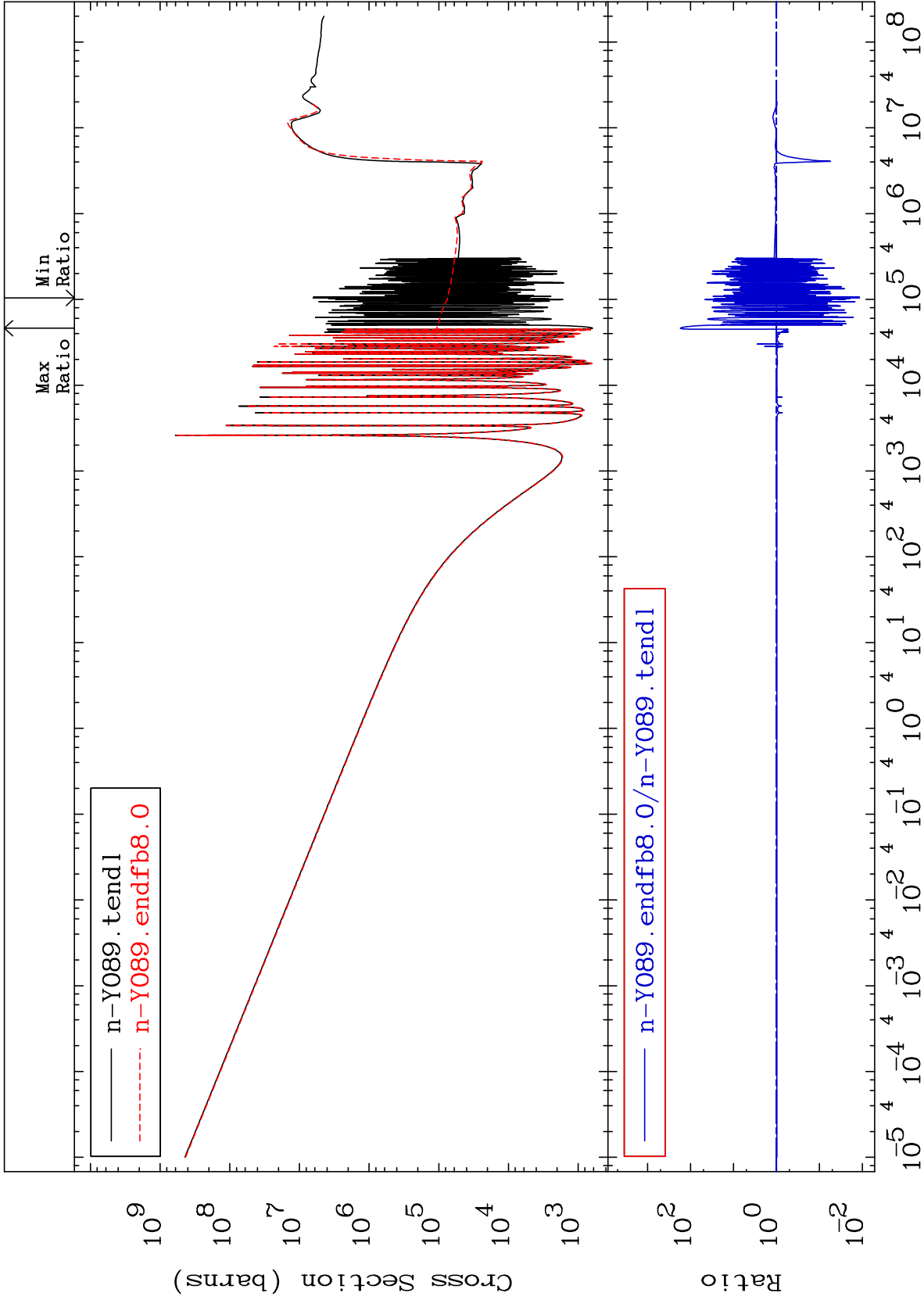


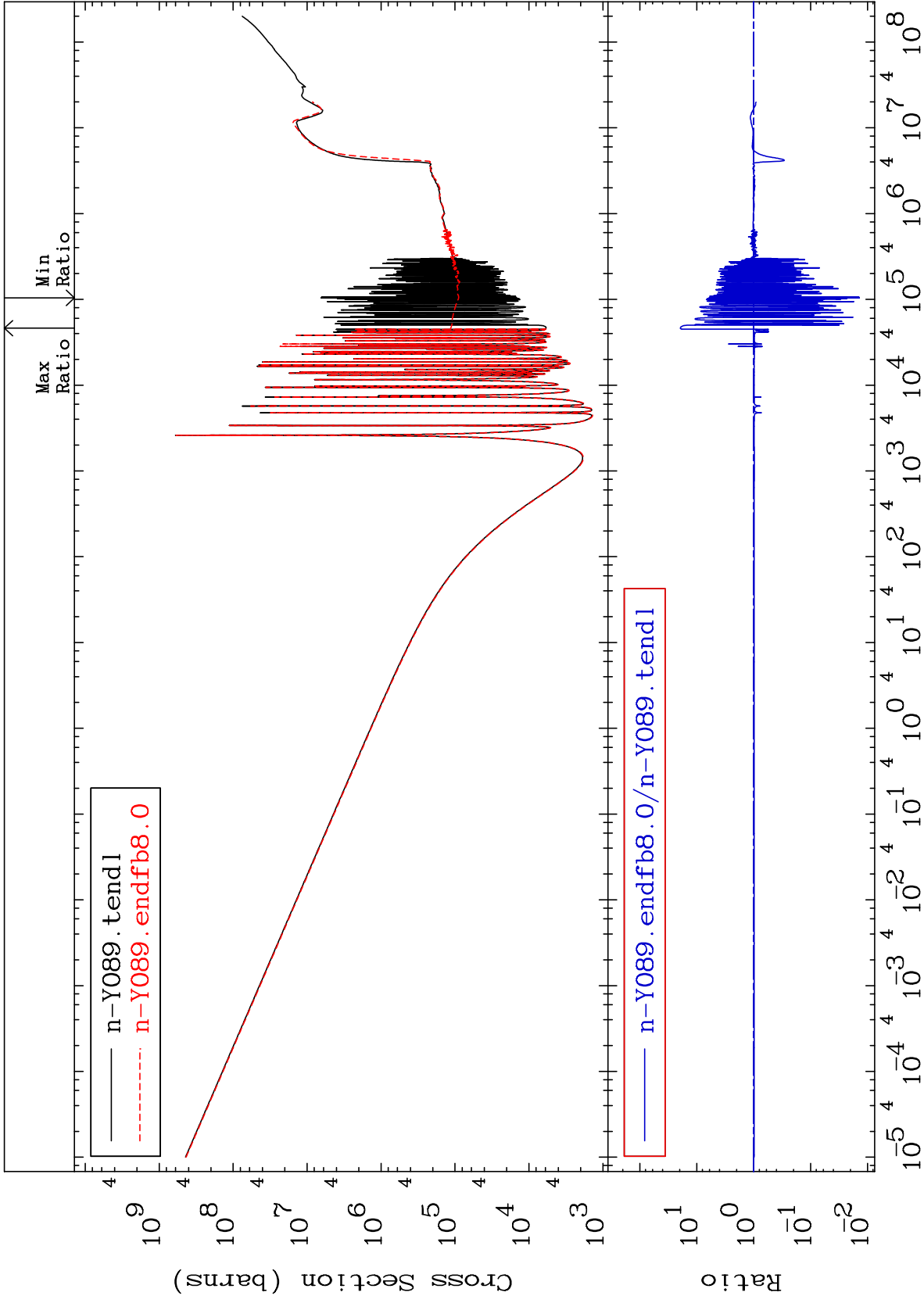


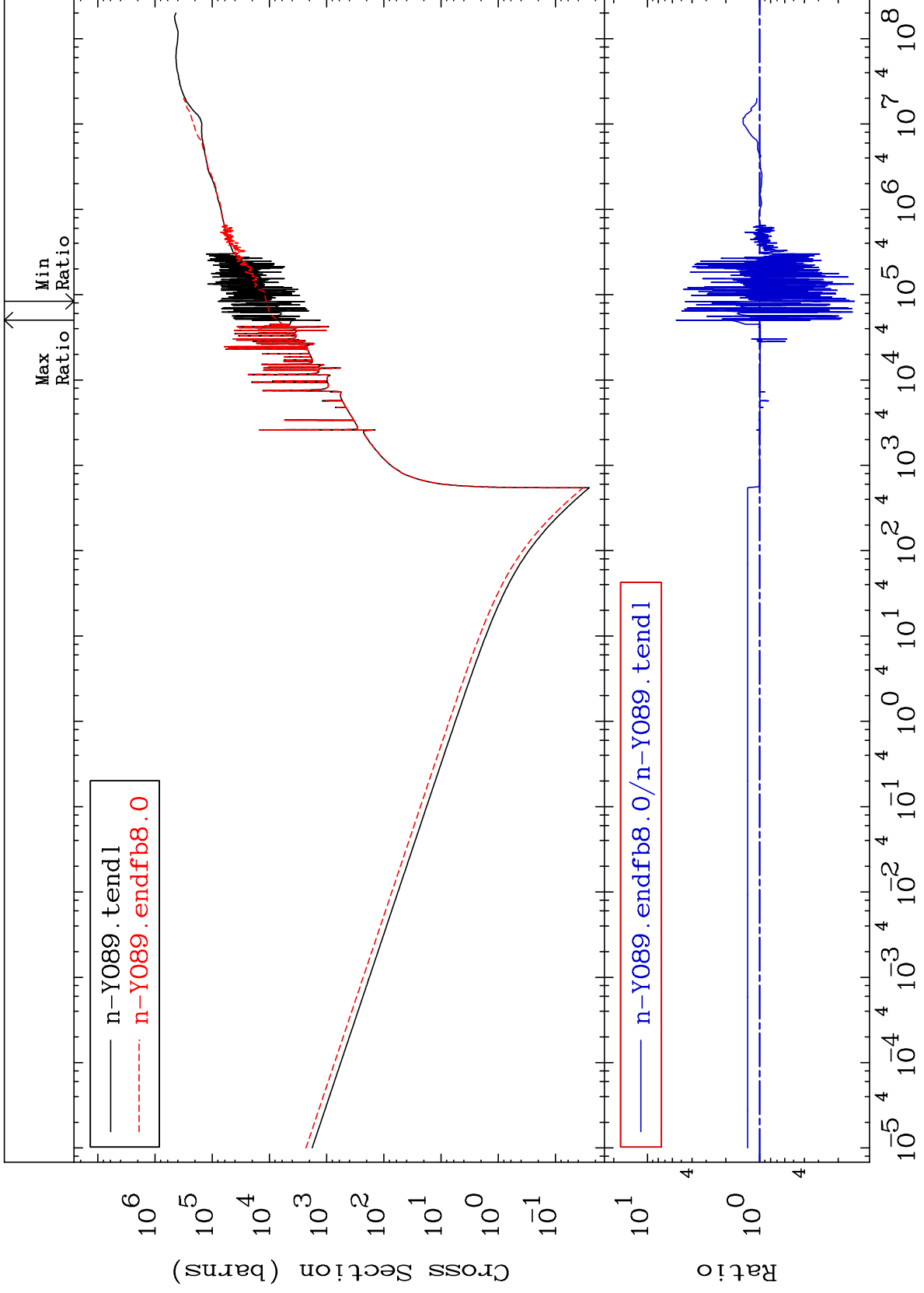


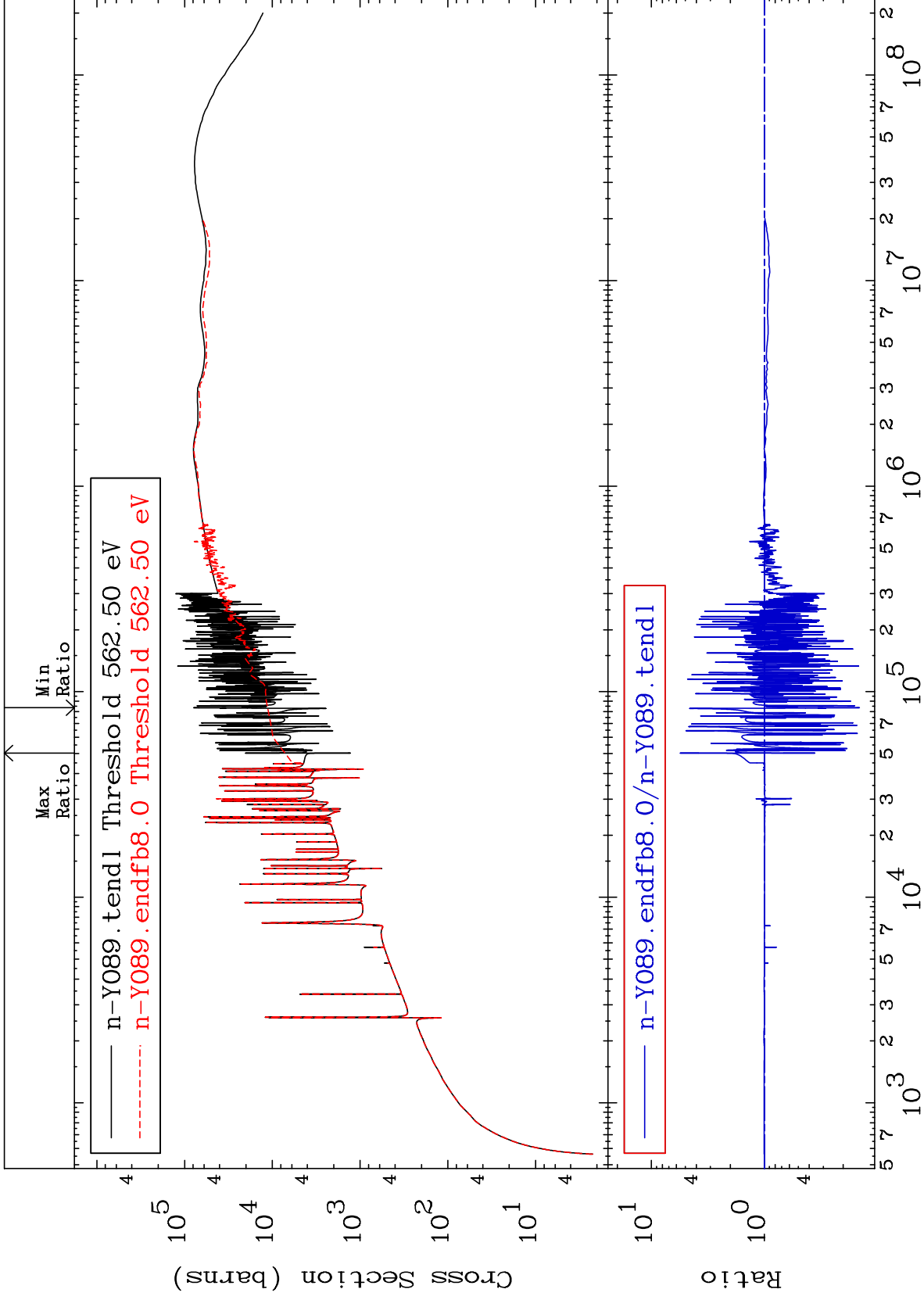


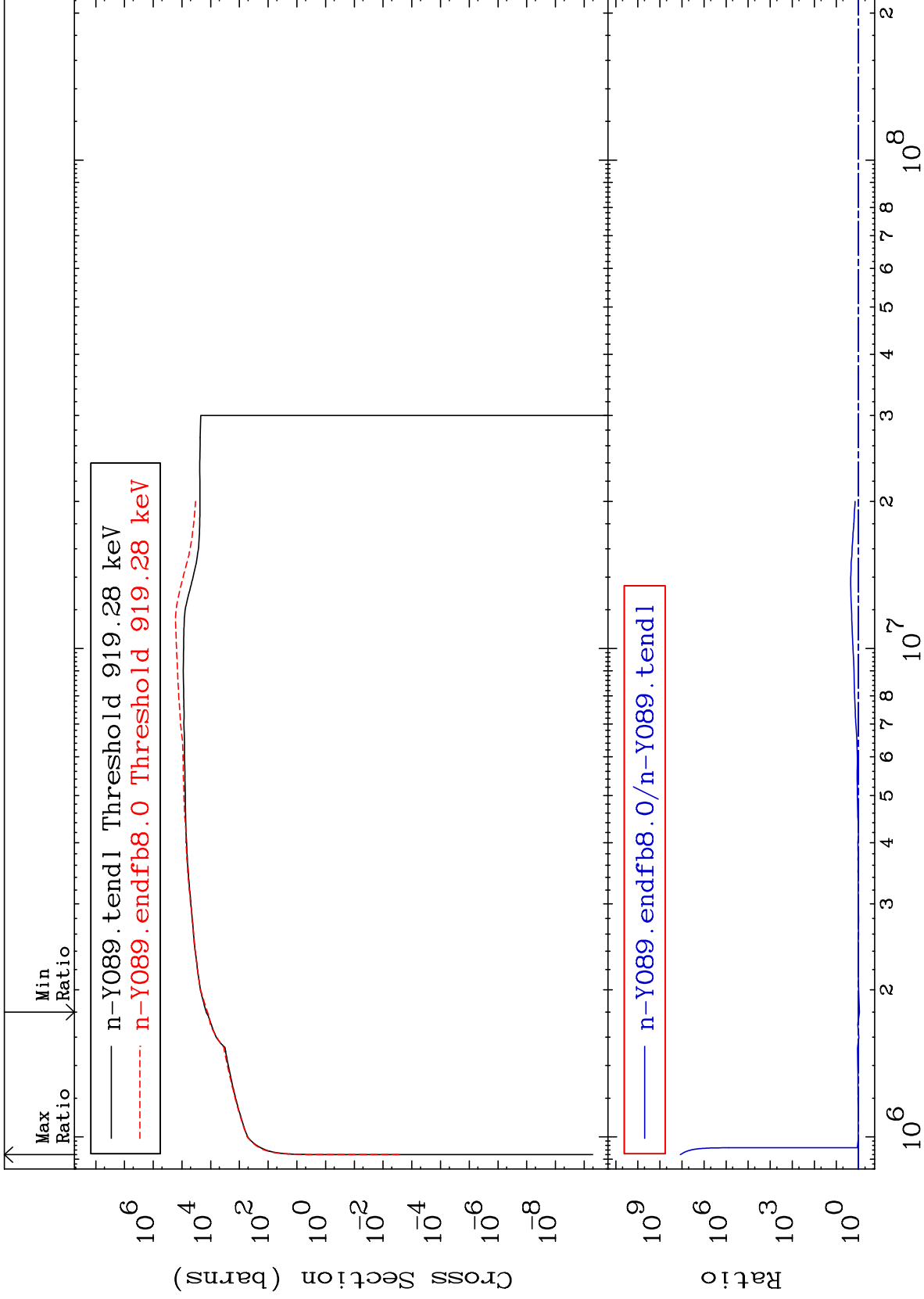


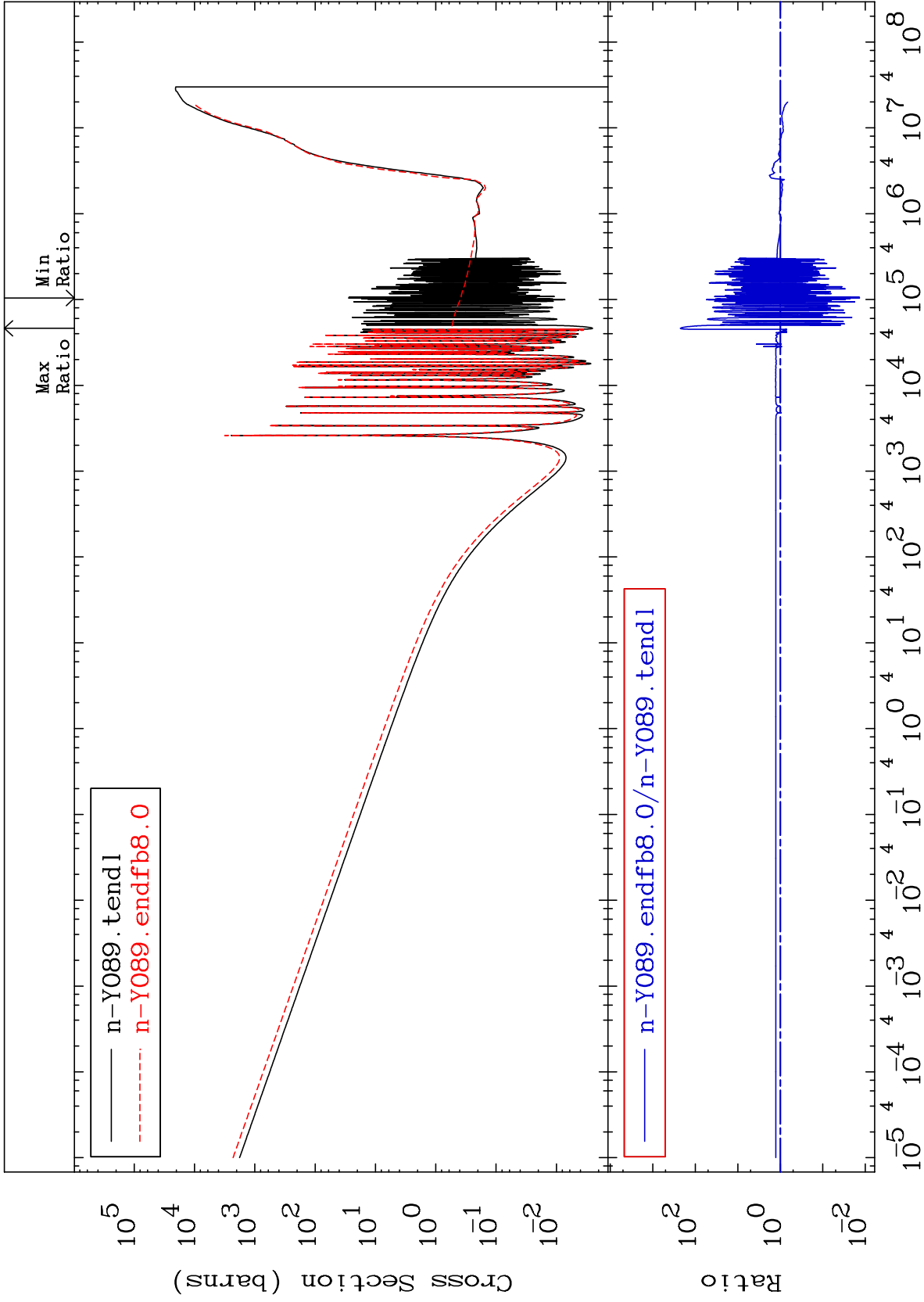












Radionuclide Production Cross Section -43.11 To 27.74 %

