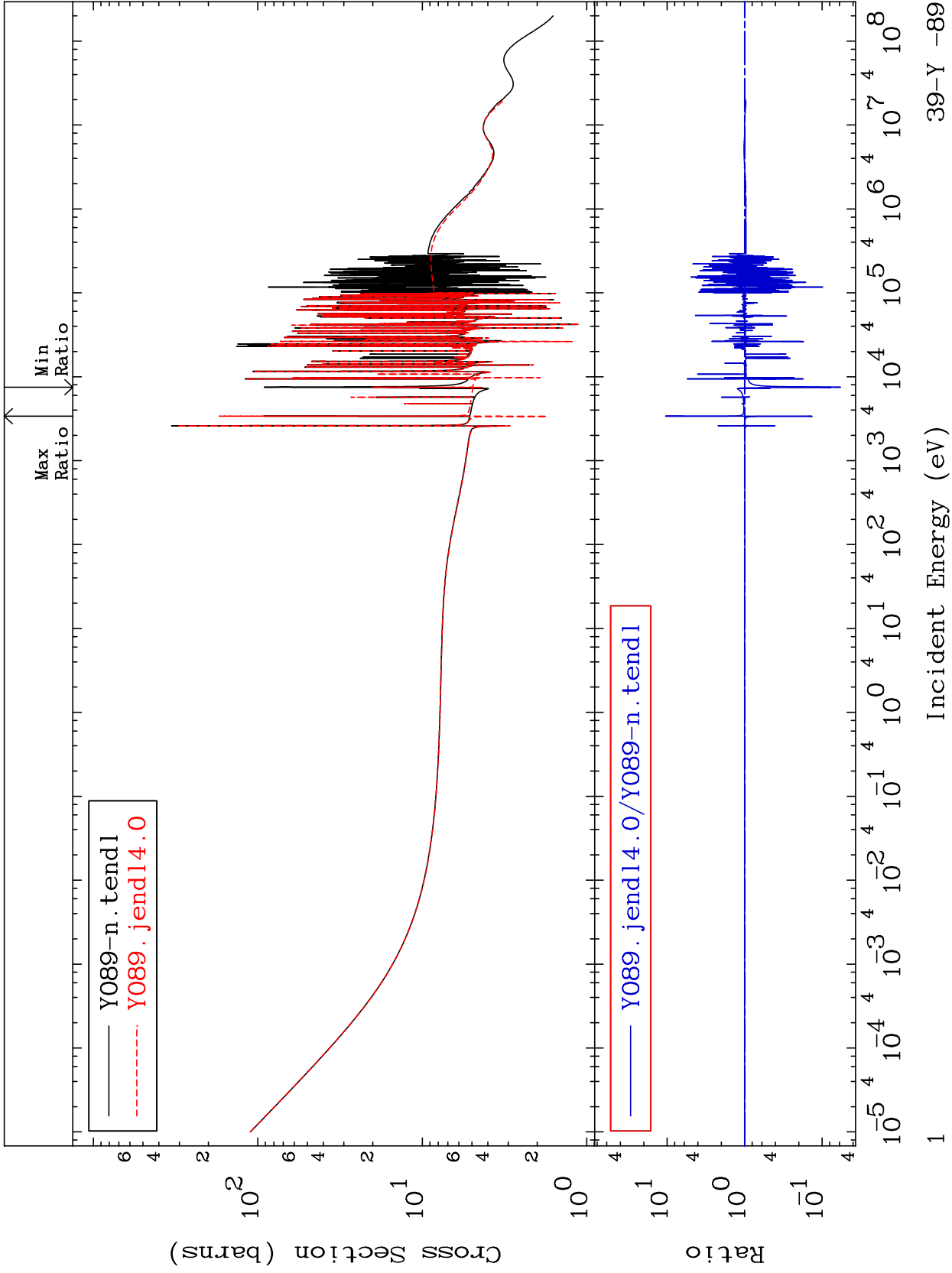


MAT 3925

Total  
Cross Section

39-Y -89  
-94.23 To 948.7 %

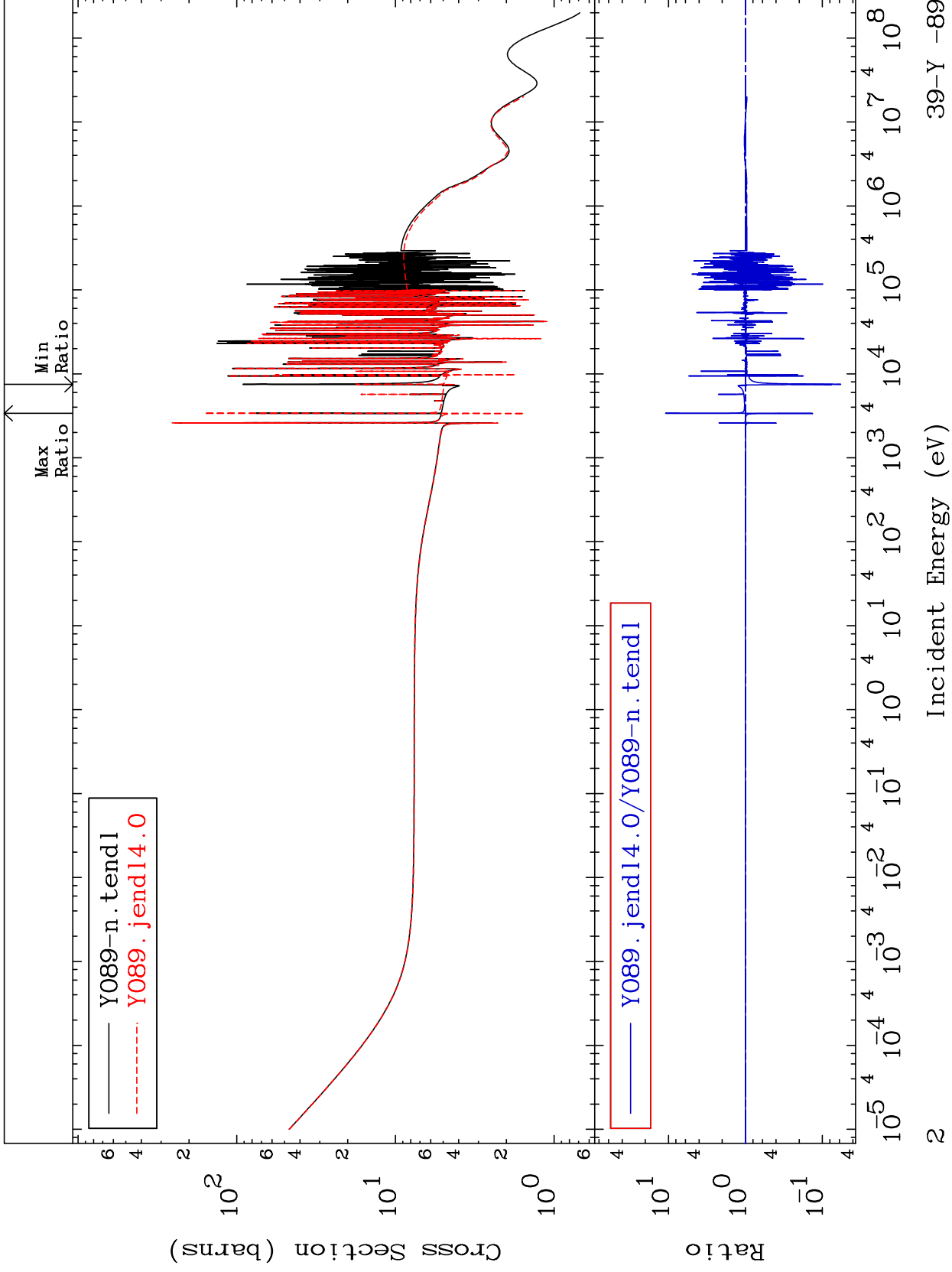


39-Y -89

MAT 3925

Elastic  
Cross Section

39-Y -89  
-94.22 To 993.0 %



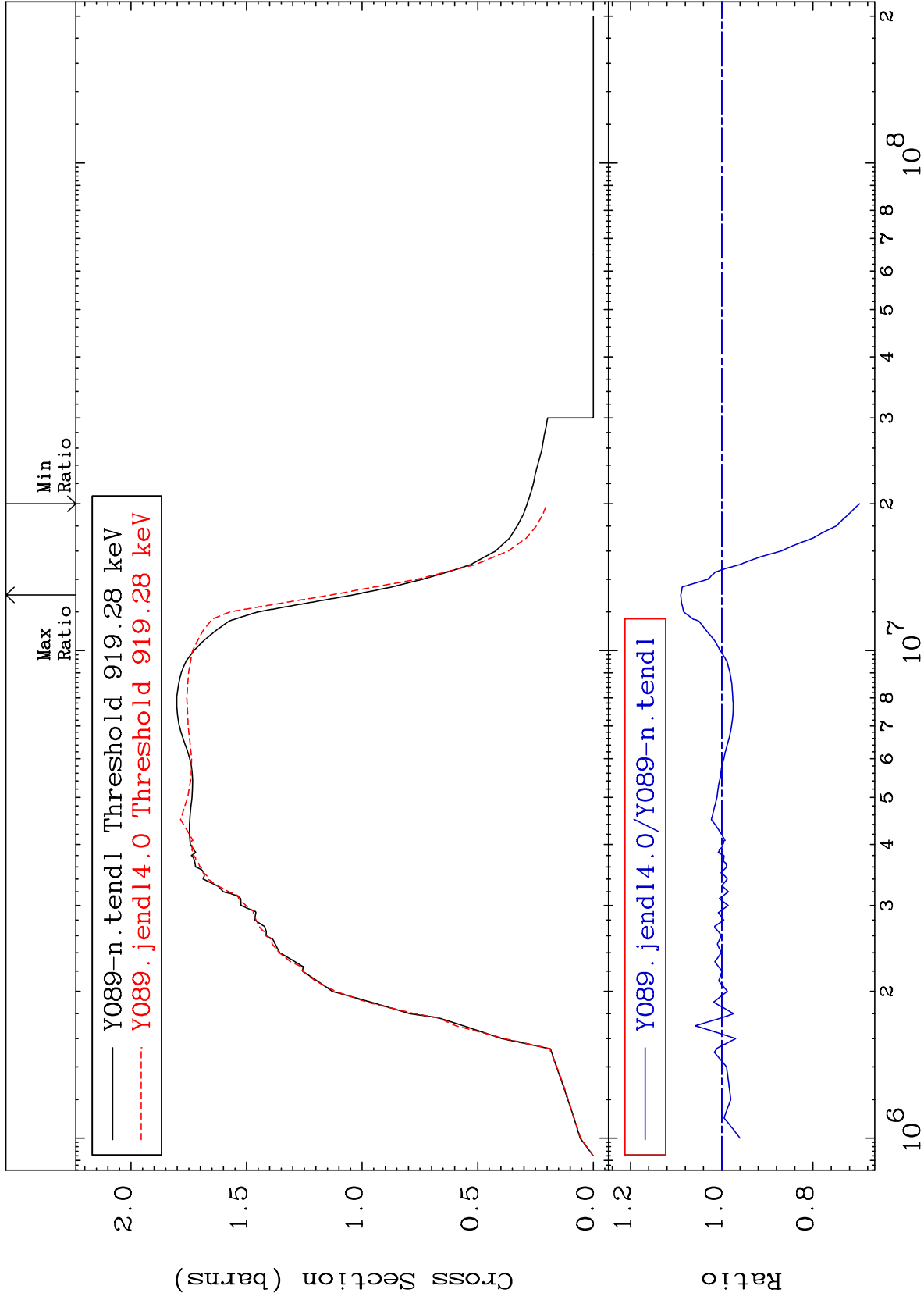
39-Y -89

MAT 3925

39-Y -89

-30.21 To 8.982 %

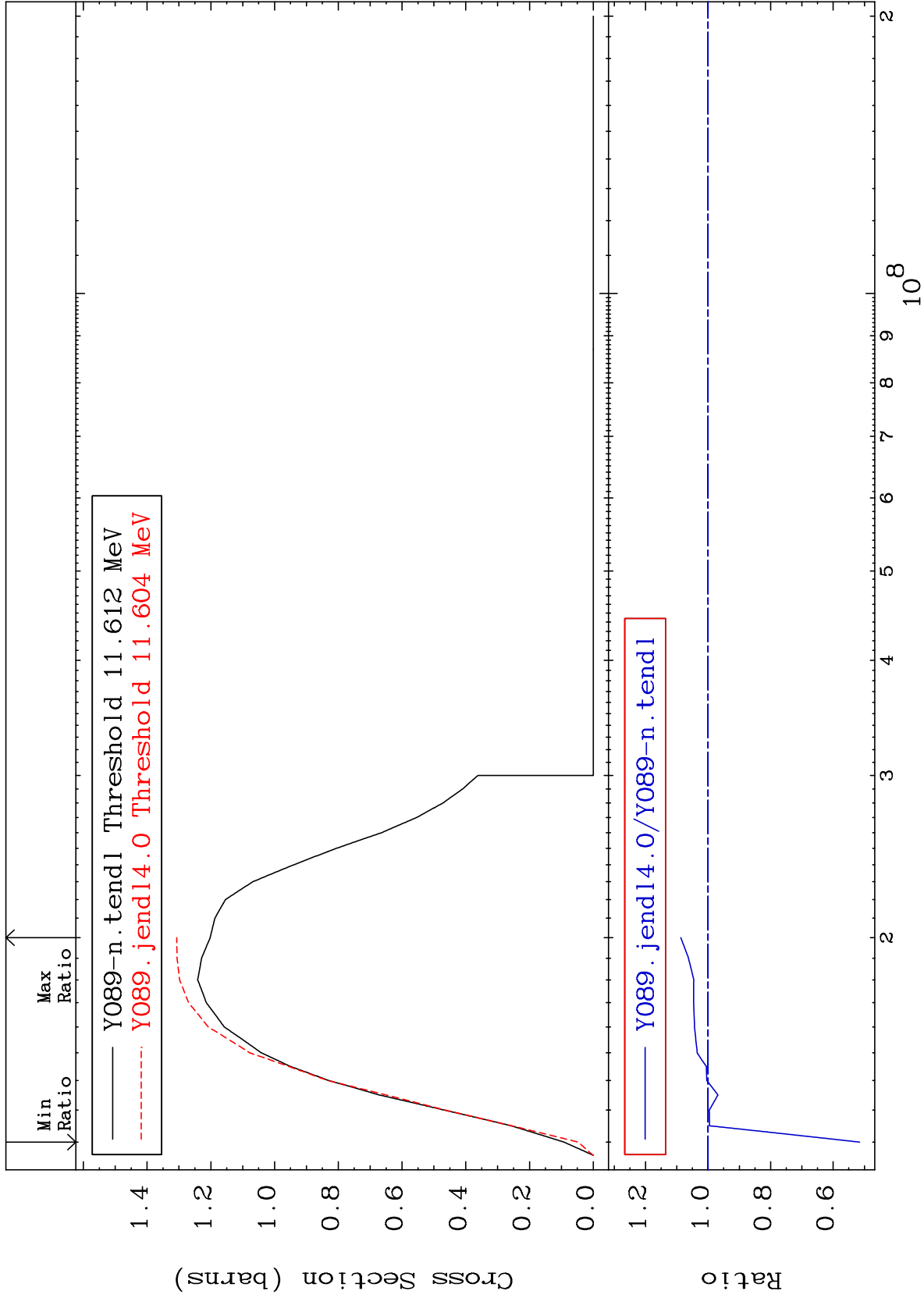
Inelastic  
Cross Section



39-Y -89

Incident Energy (eV)

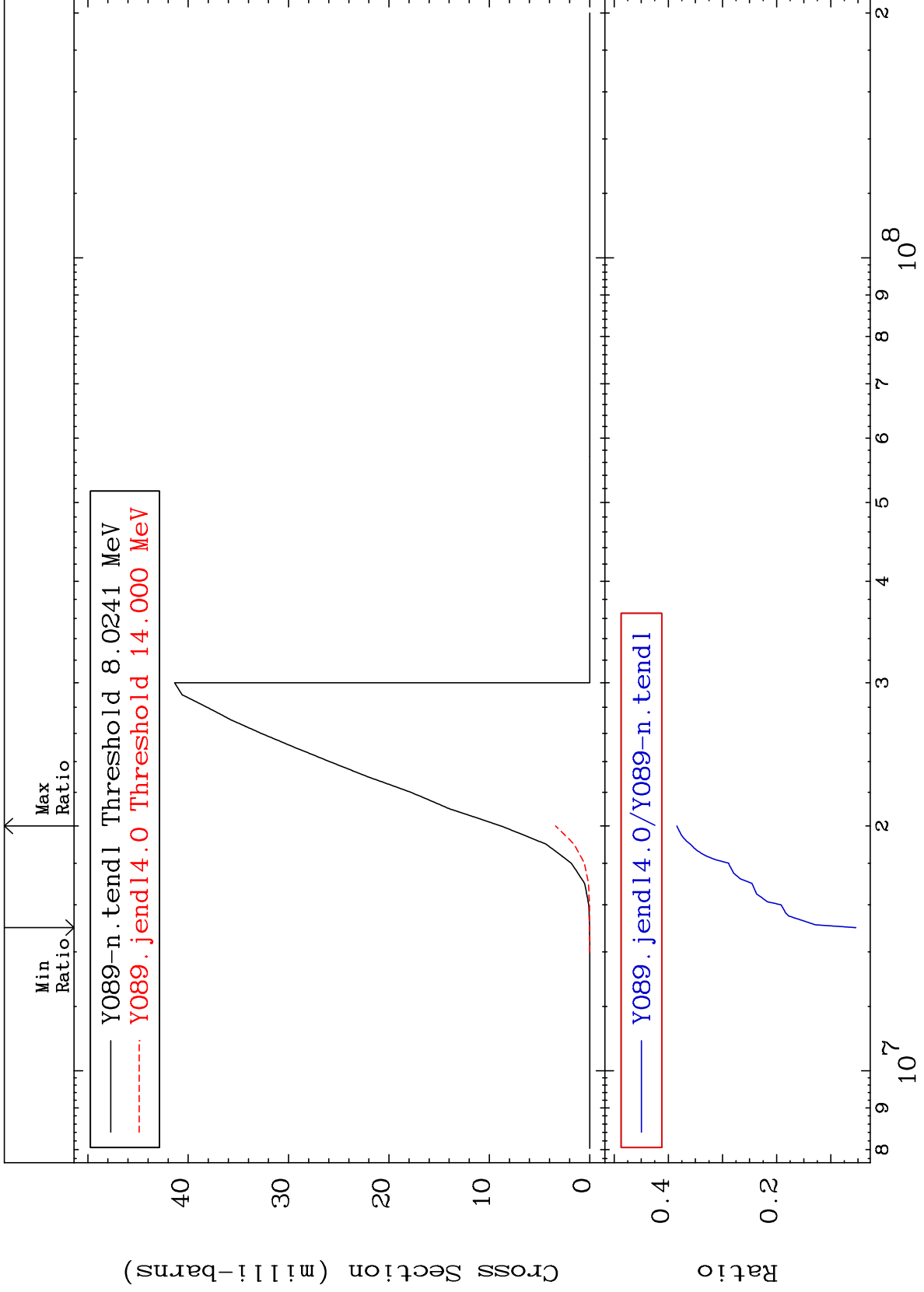
3



MAT 3925

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

39-Y -89  
-94.47 To -61.59%



5

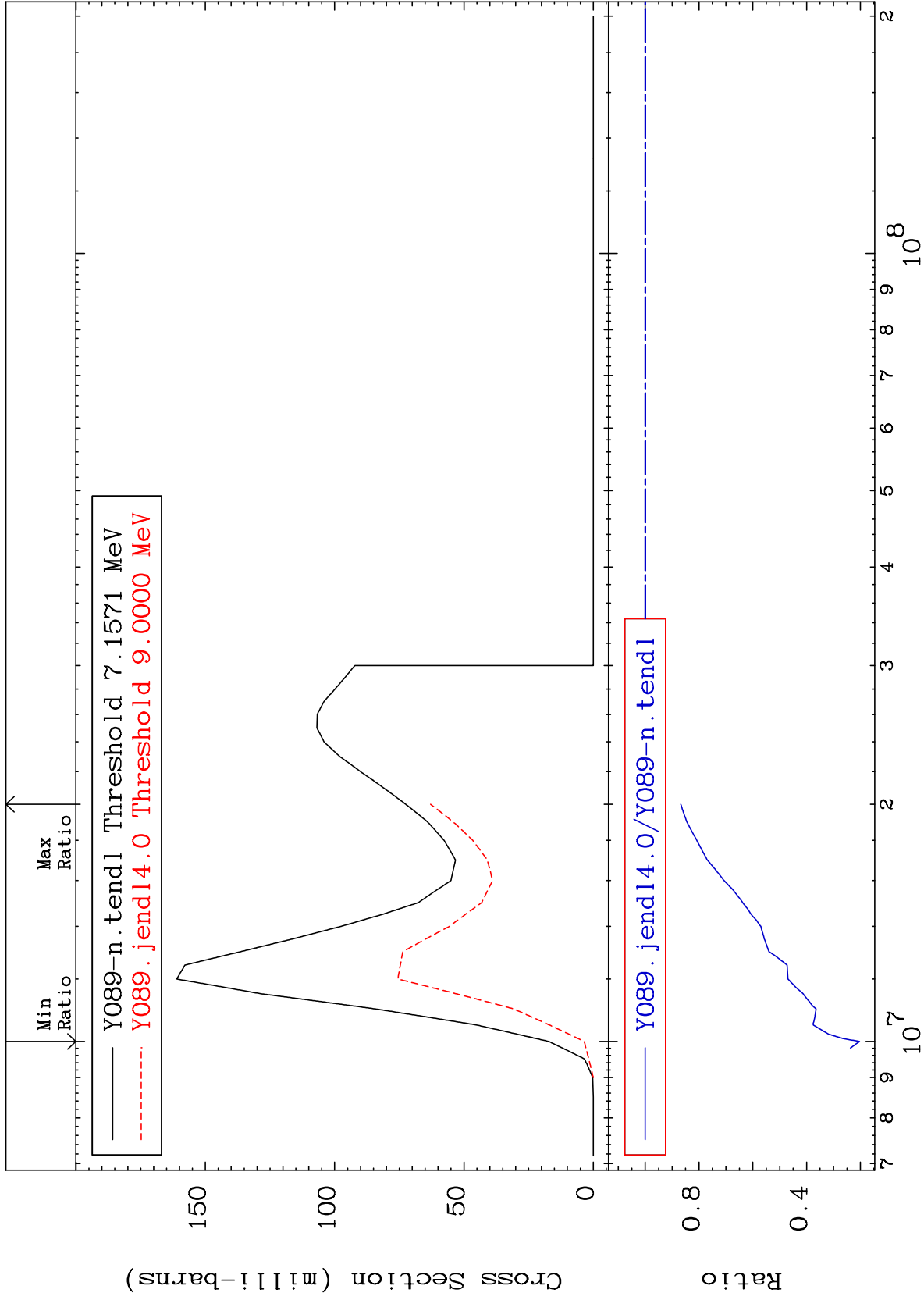
Incident Energy (eV)

39-Y -89

MAT 3925

(n,n') p  
Cross Section

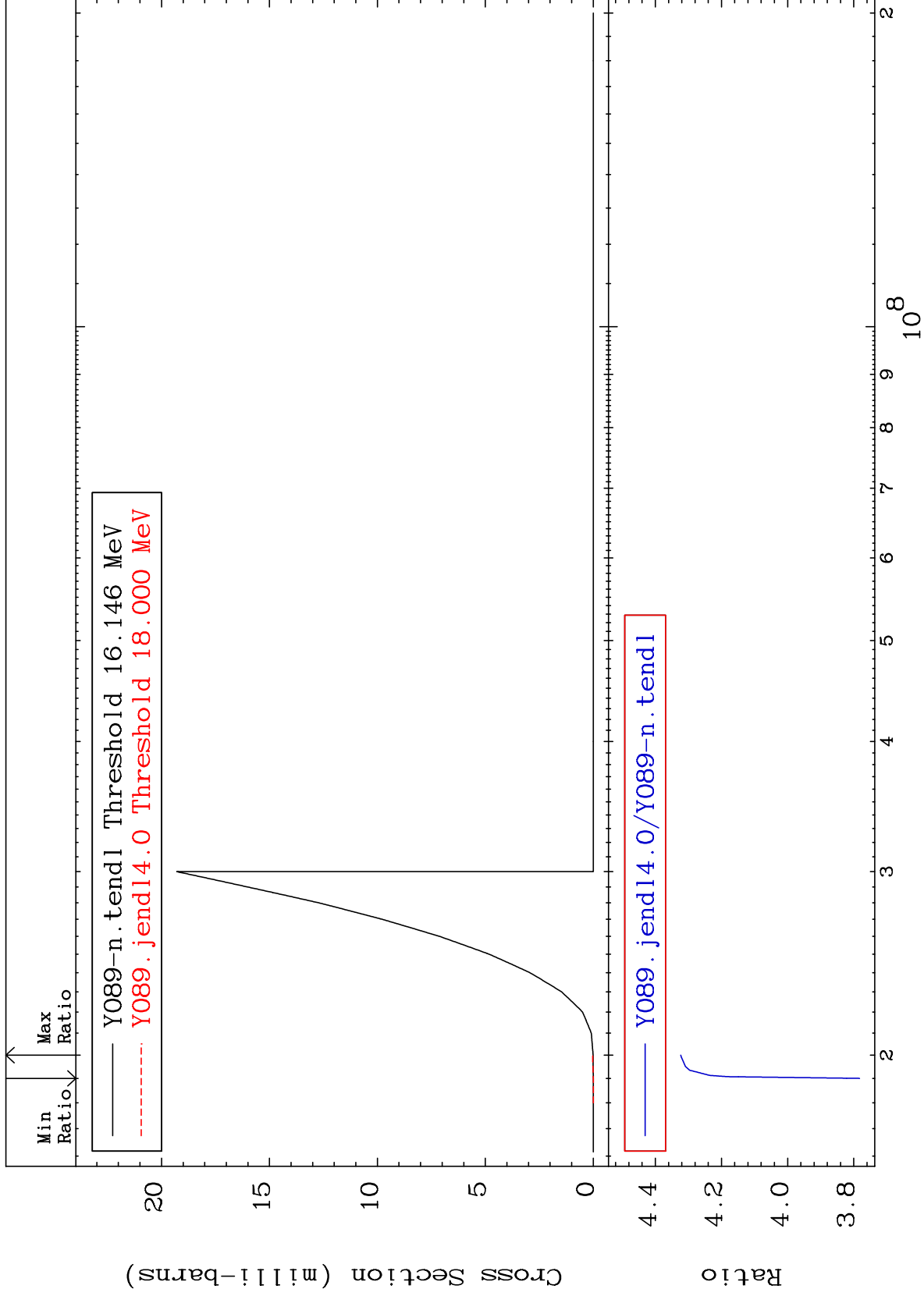
39-Y -89  
-79.68 To -13.22%



6

Incident Energy (eV)

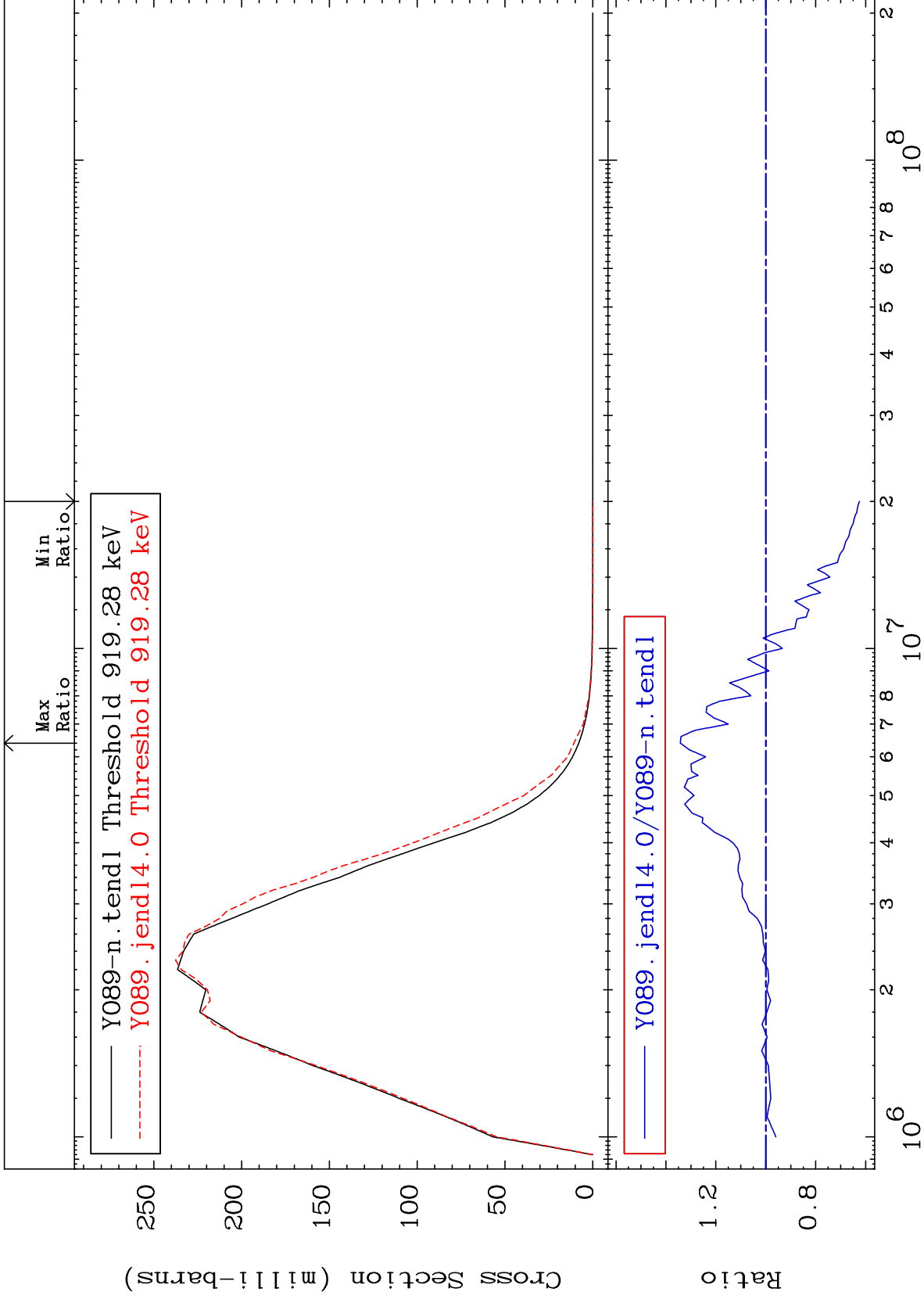
39-Y -89



MAT 3925

909.0 keV (n,n') Level  
Cross Section

39-Y -89  
-37.51 To 34.22 %

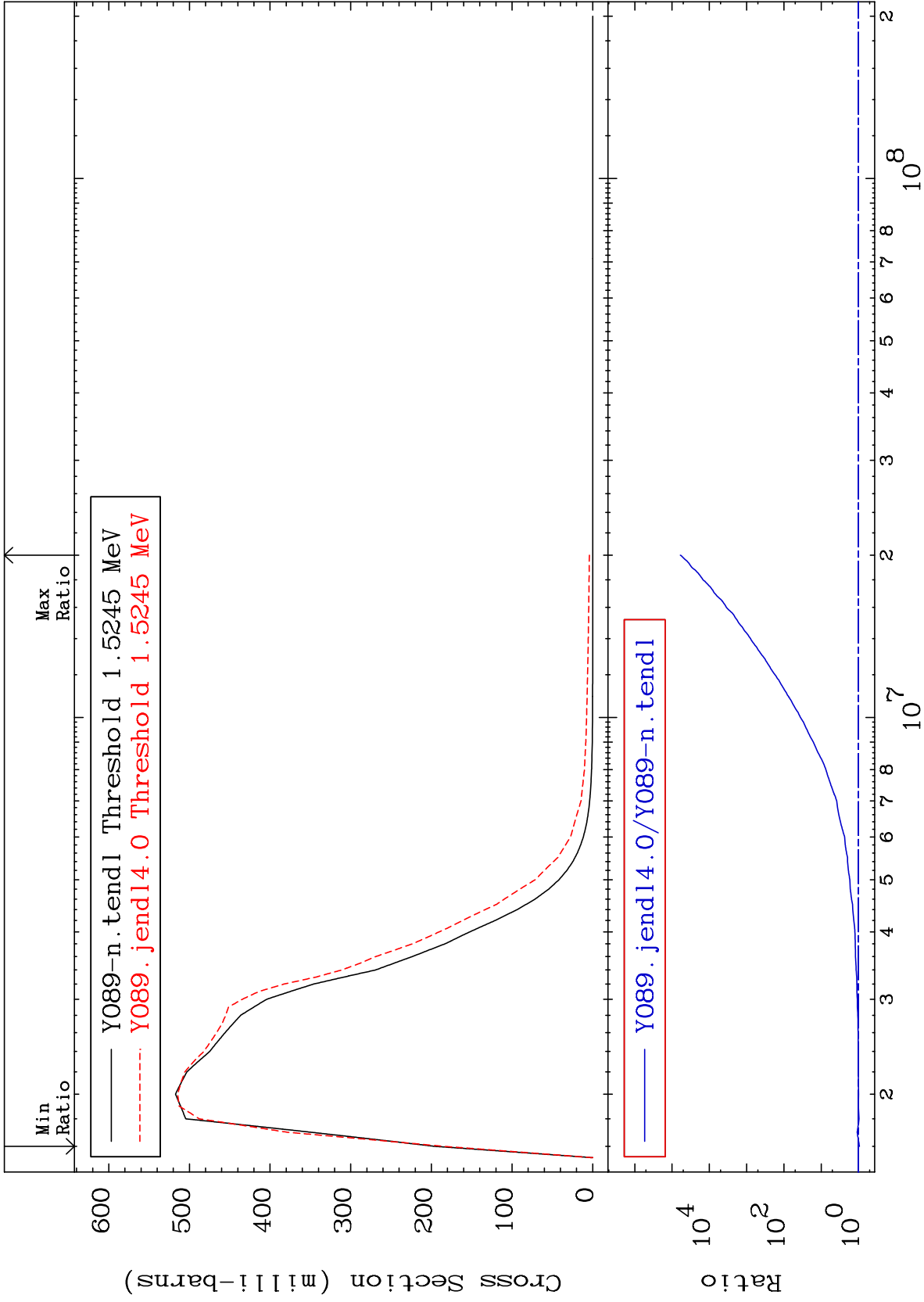


8

Incident Energy (eV)

39-Y -89

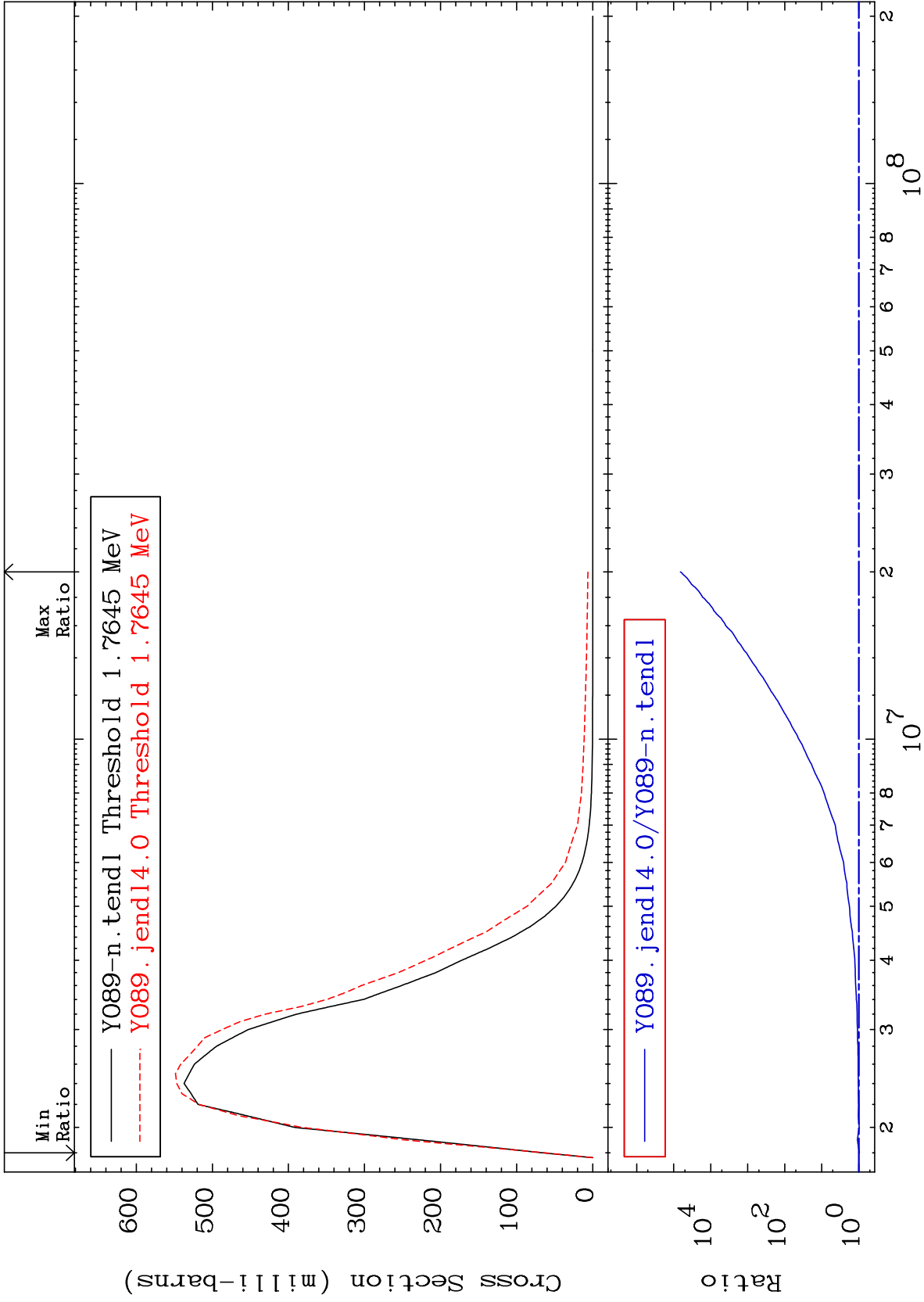




MAT 3925

1.745 MeV (n,n') Level  
Cross Section

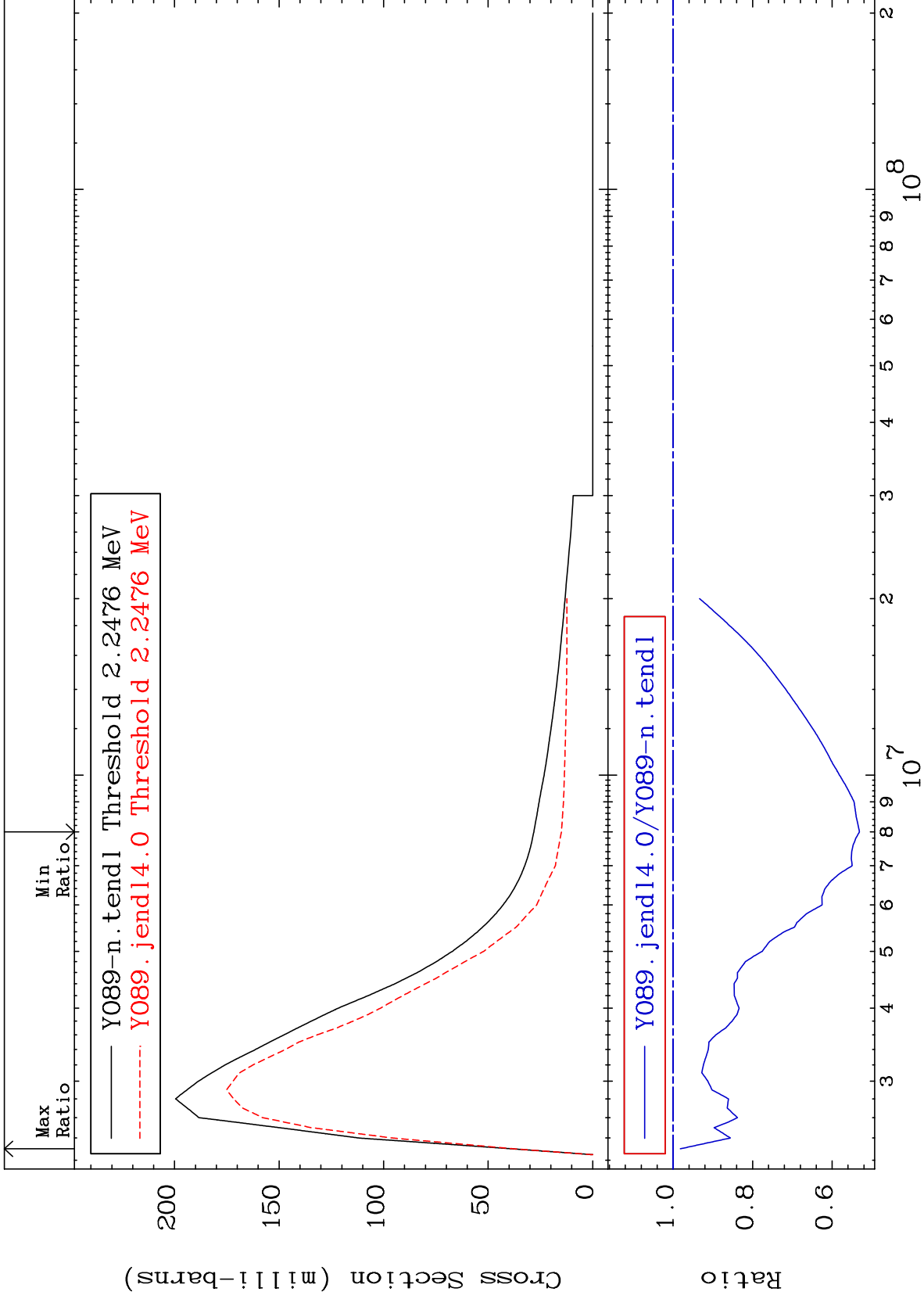
39-Y -89  
-4.403 To 9999. %



10

Incident Energy (eV)

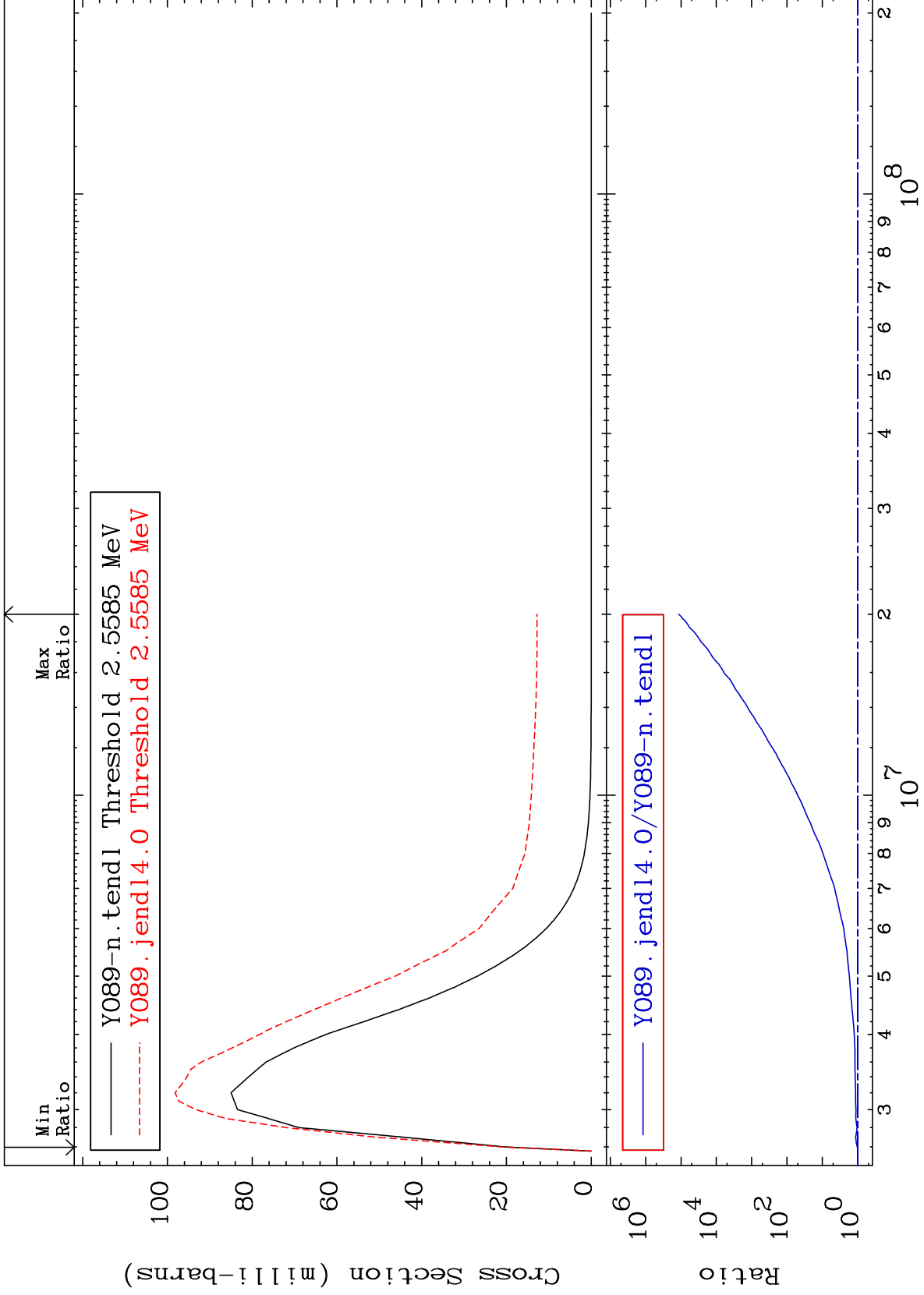
39-Y -89



MAT 3925

2.530 MeV (n,n') Level  
Cross Section

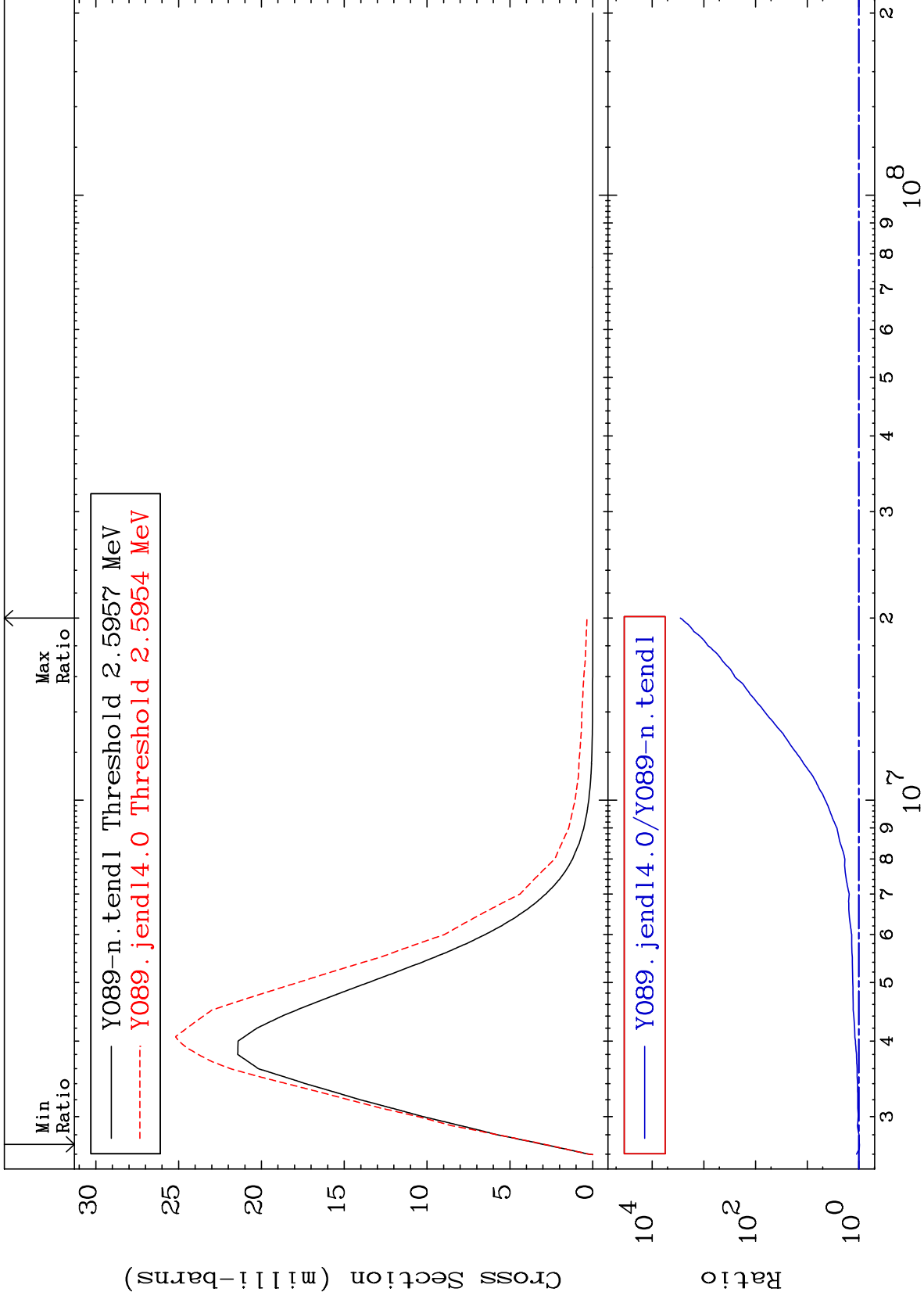
3.242 To 9999. %  
39-Y -89



12

Incident Energy (eV)

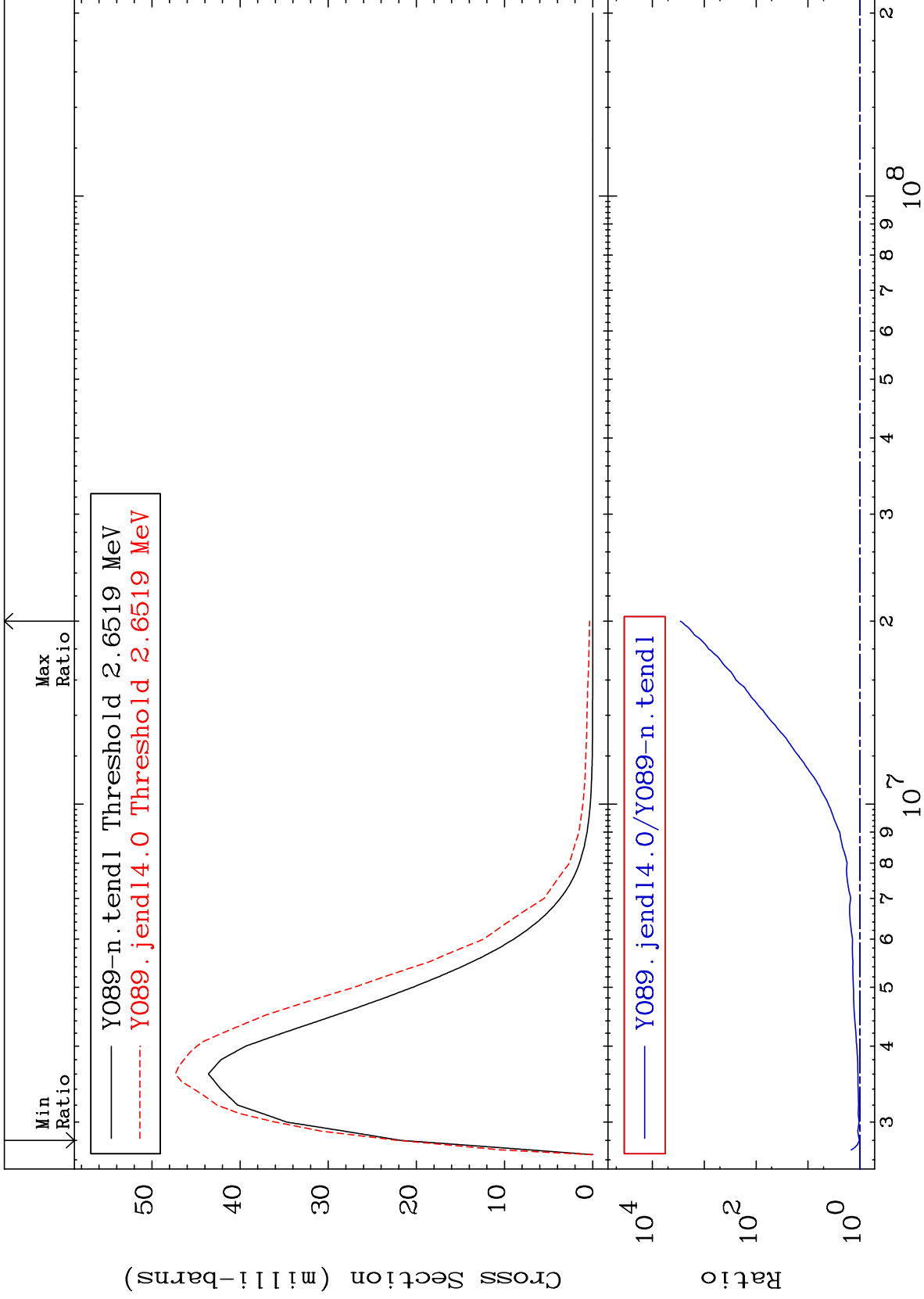
39-Y -89

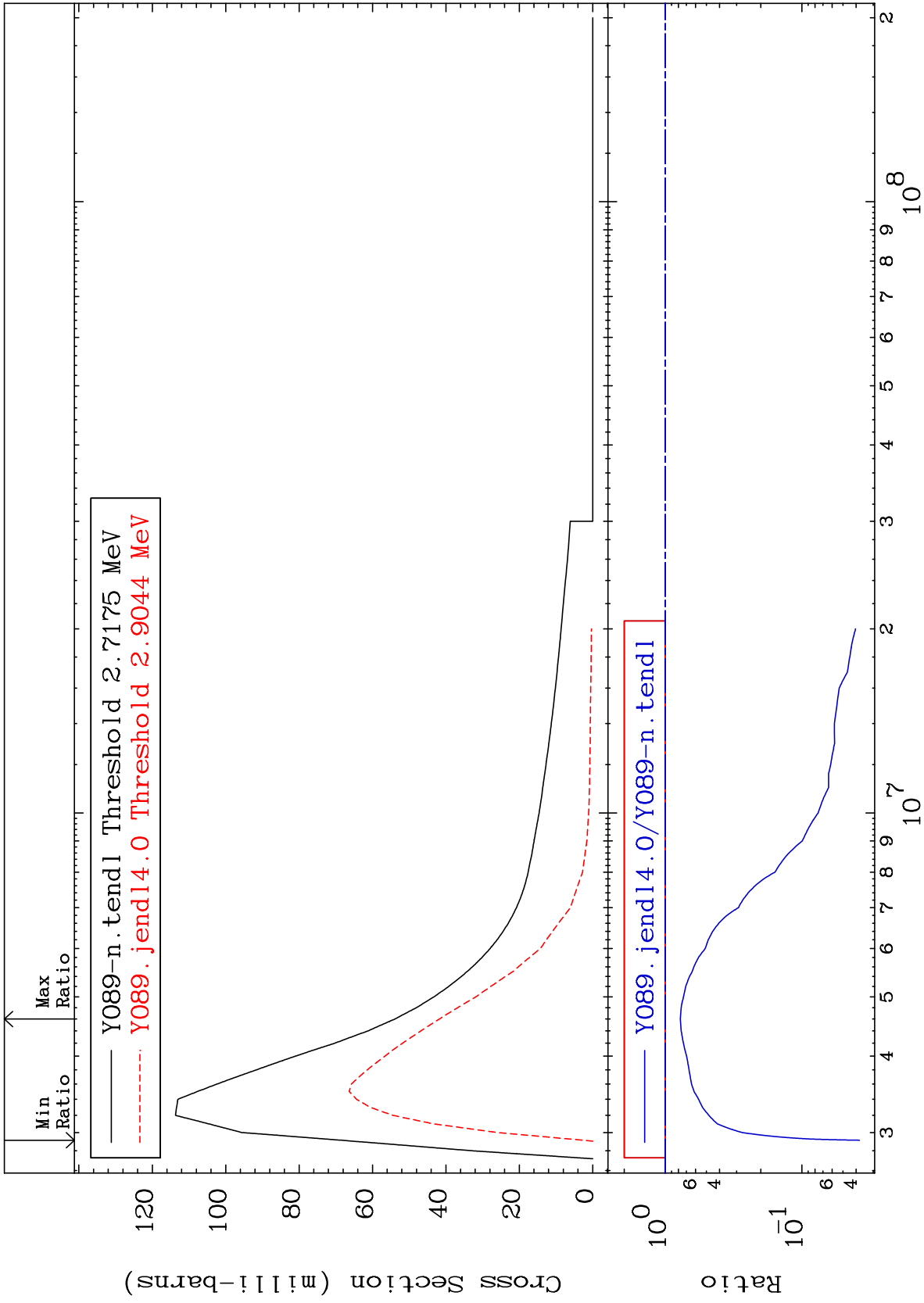


MAT 3925

2.622 MeV (n,n') Level  
Cross Section

1.520 To 9999. %  
39-Y -89

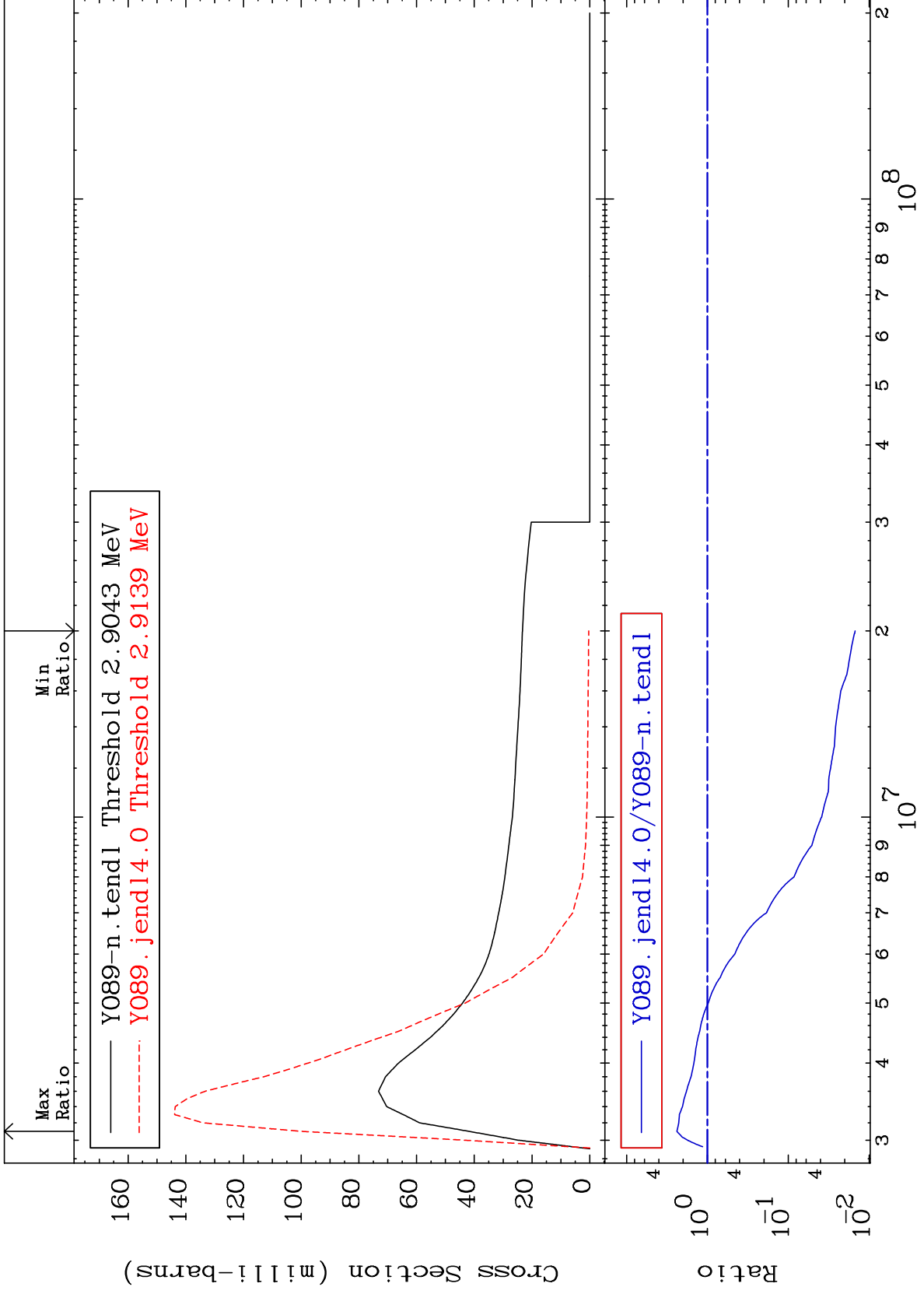




MAT 3925

2.872 MeV (n,n') Level  
Cross Section

39-Y -89  
-98.51 To 138.8 %

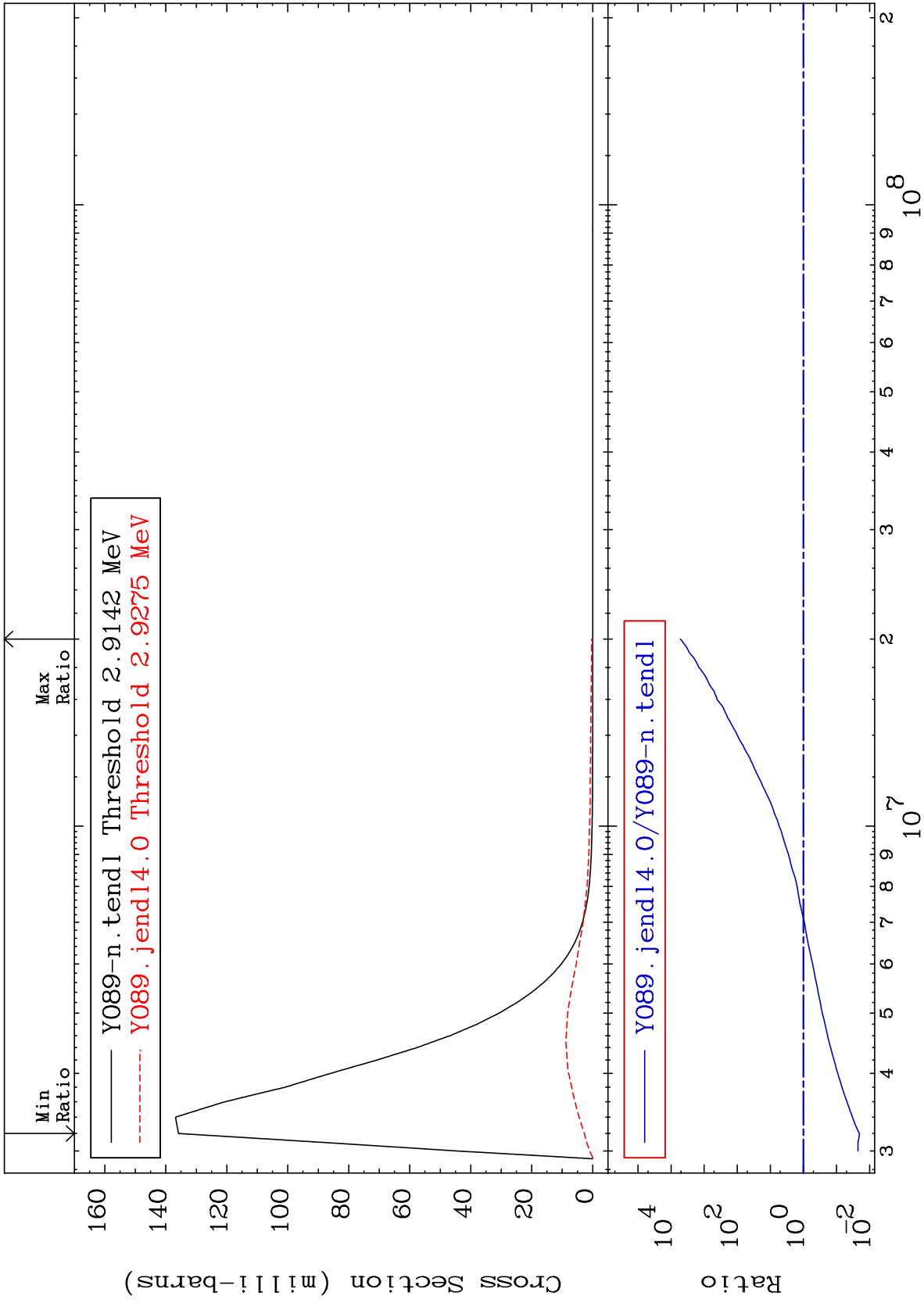


16

Incident Energy (eV)

39-Y -89

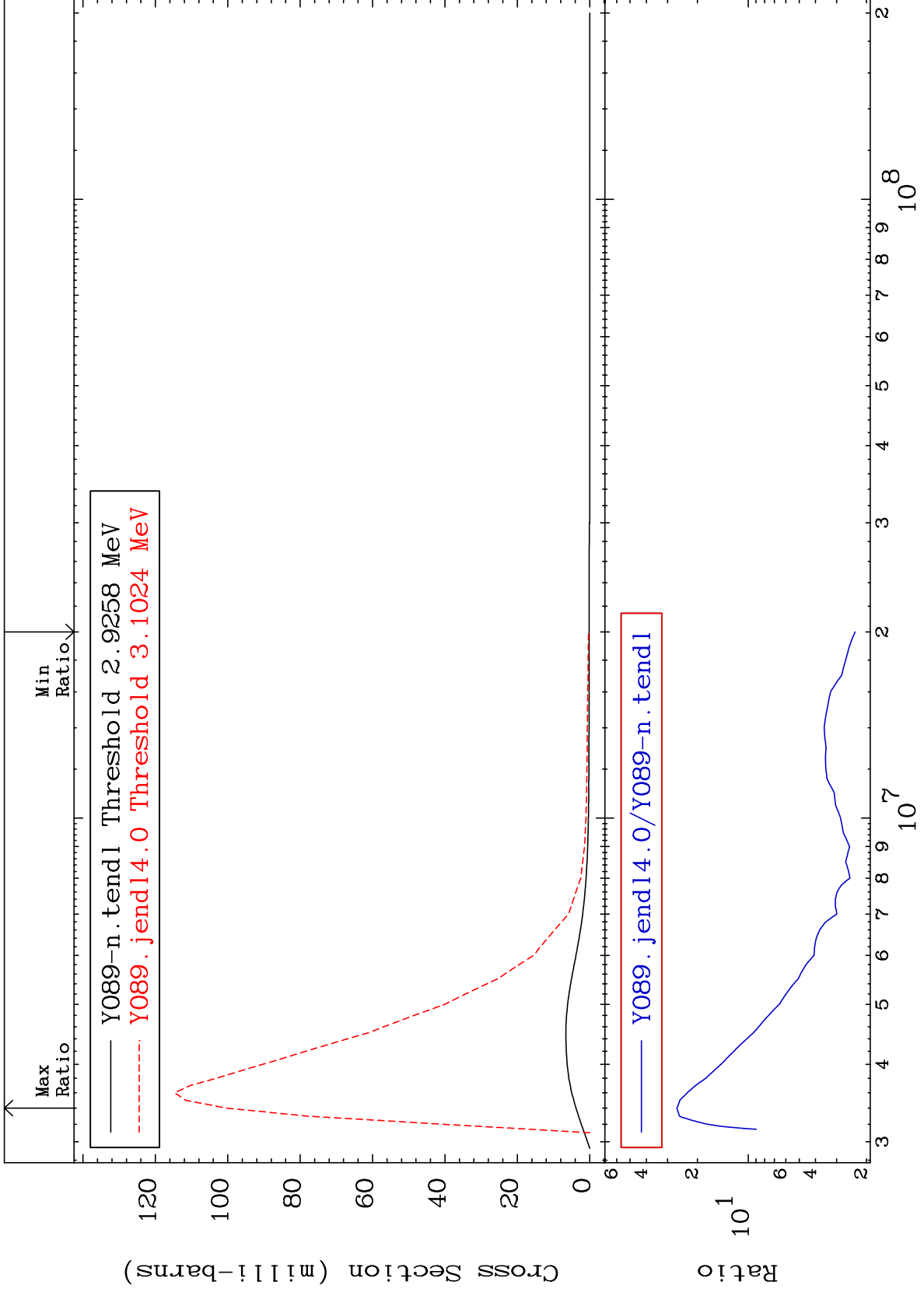




MAT 3925

2.893 MeV (n,n') Level  
Cross Section

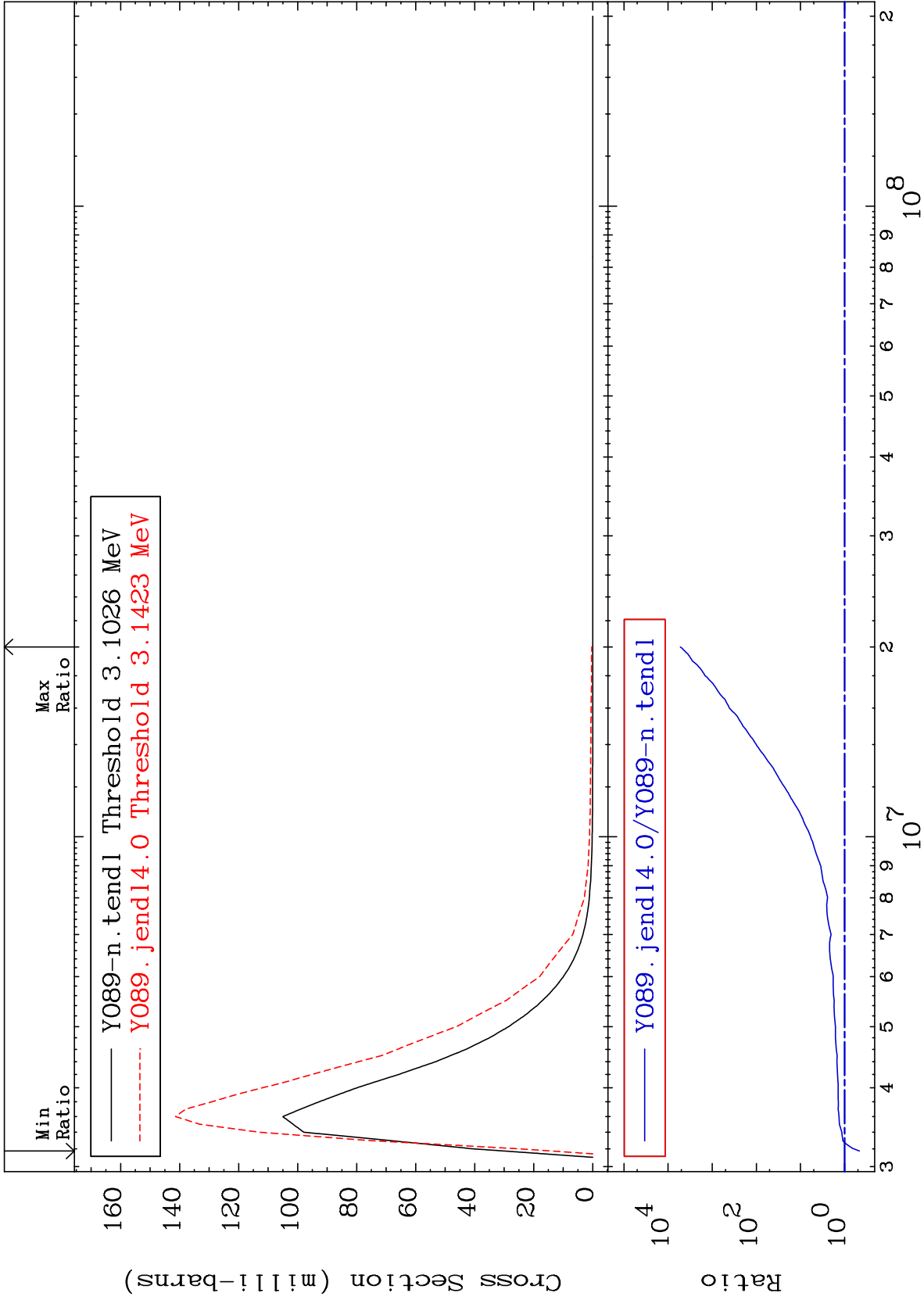
133.5 To 2542. %  
39-Y -89

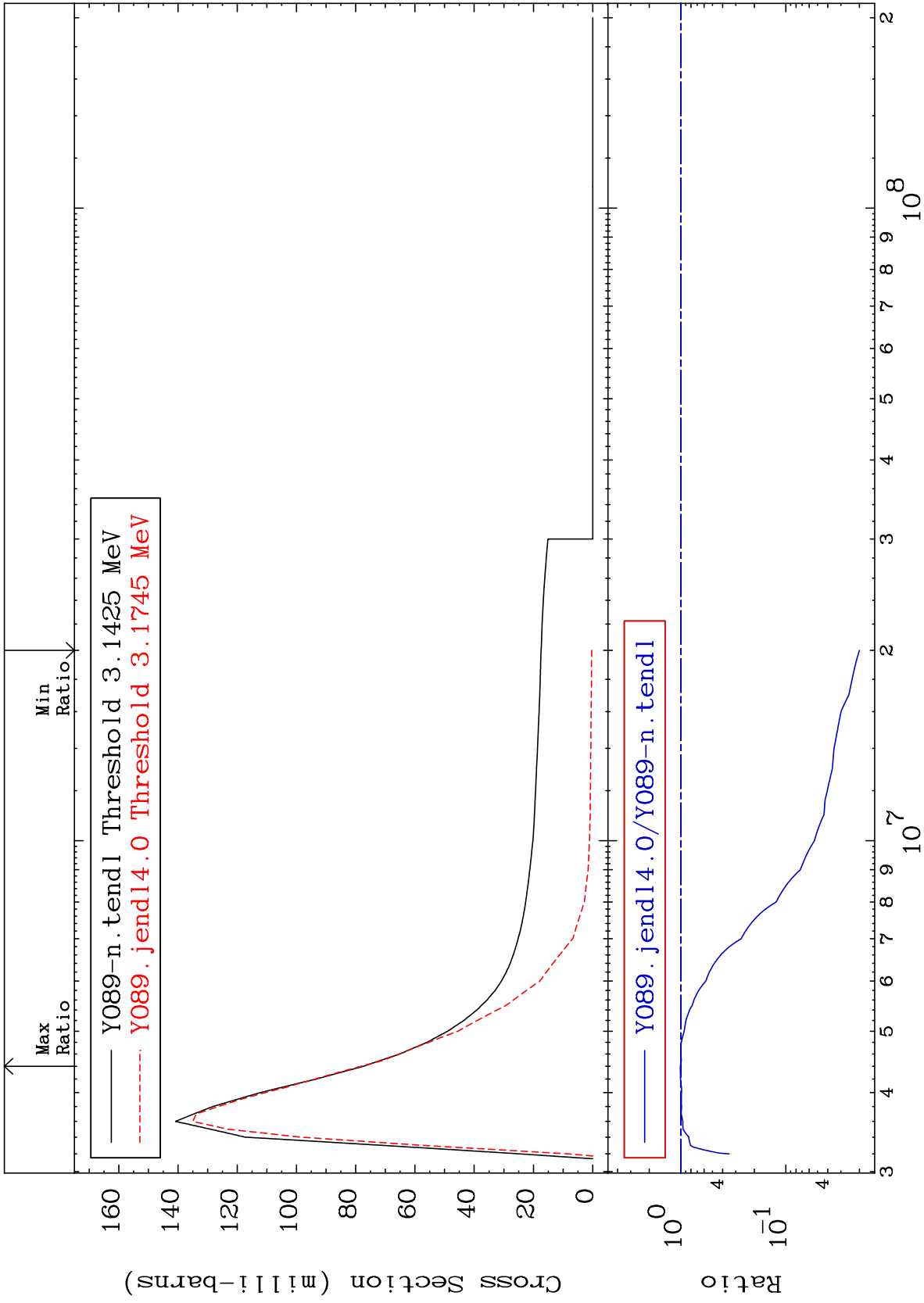


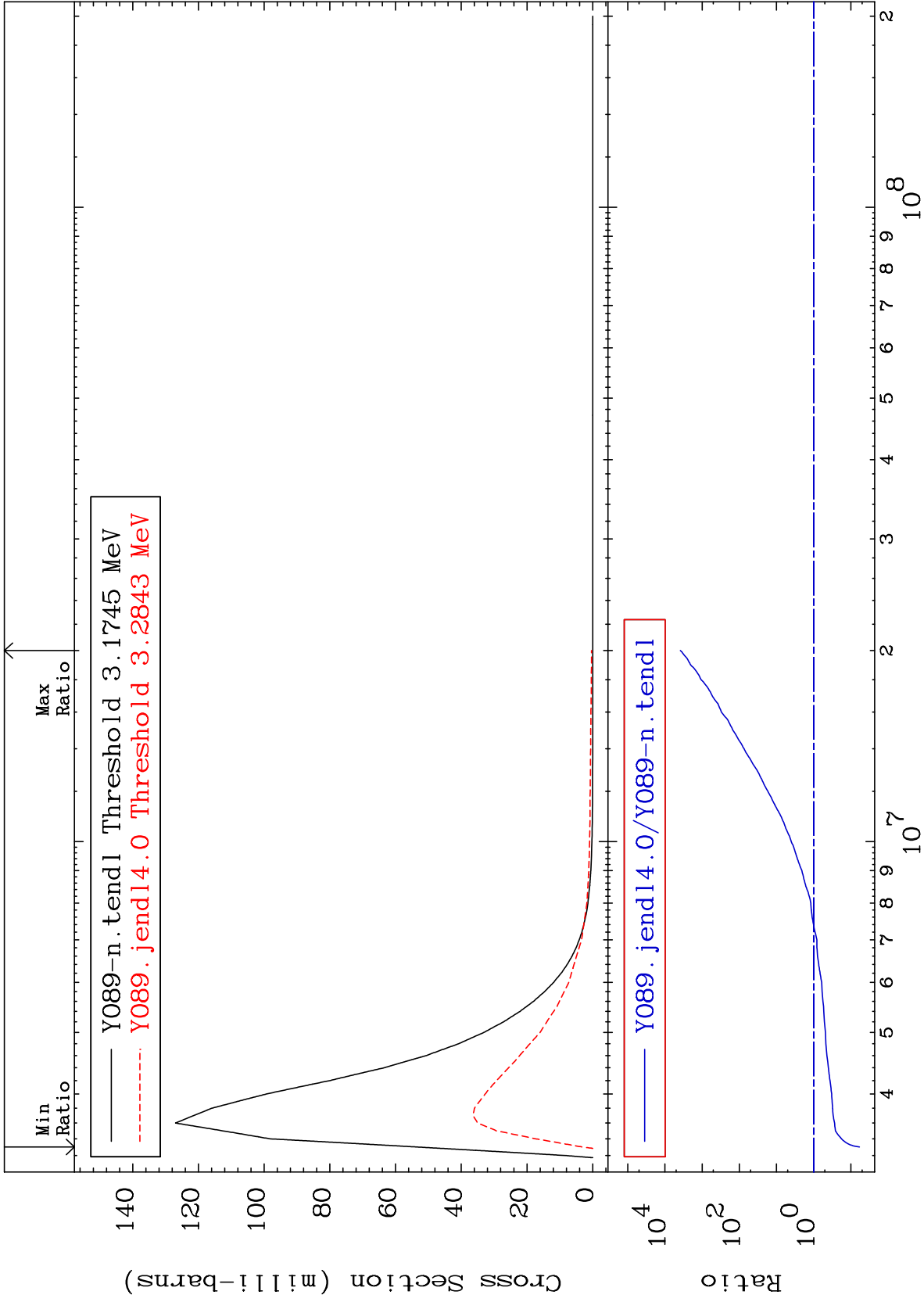
18

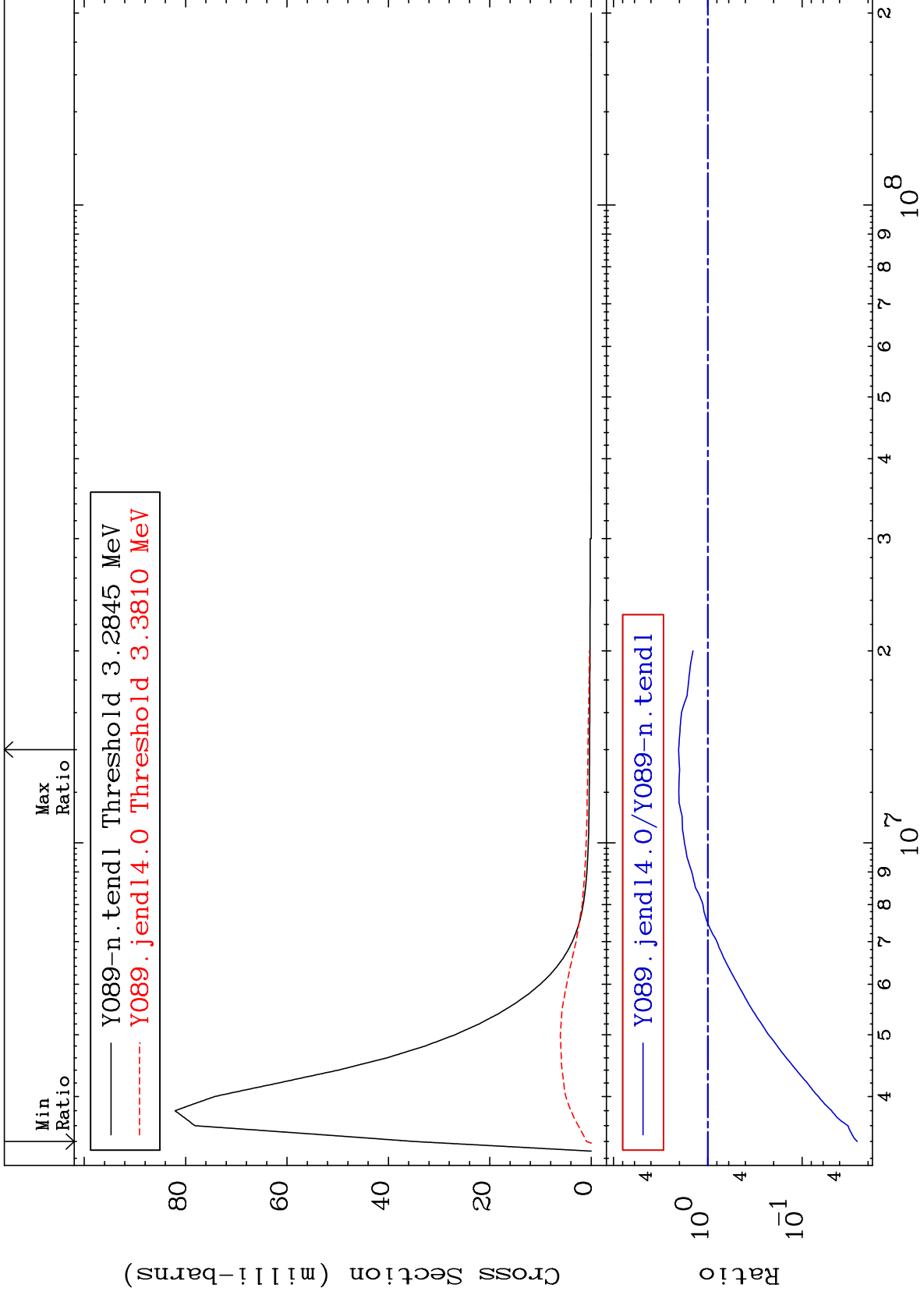
Incident Energy (eV)

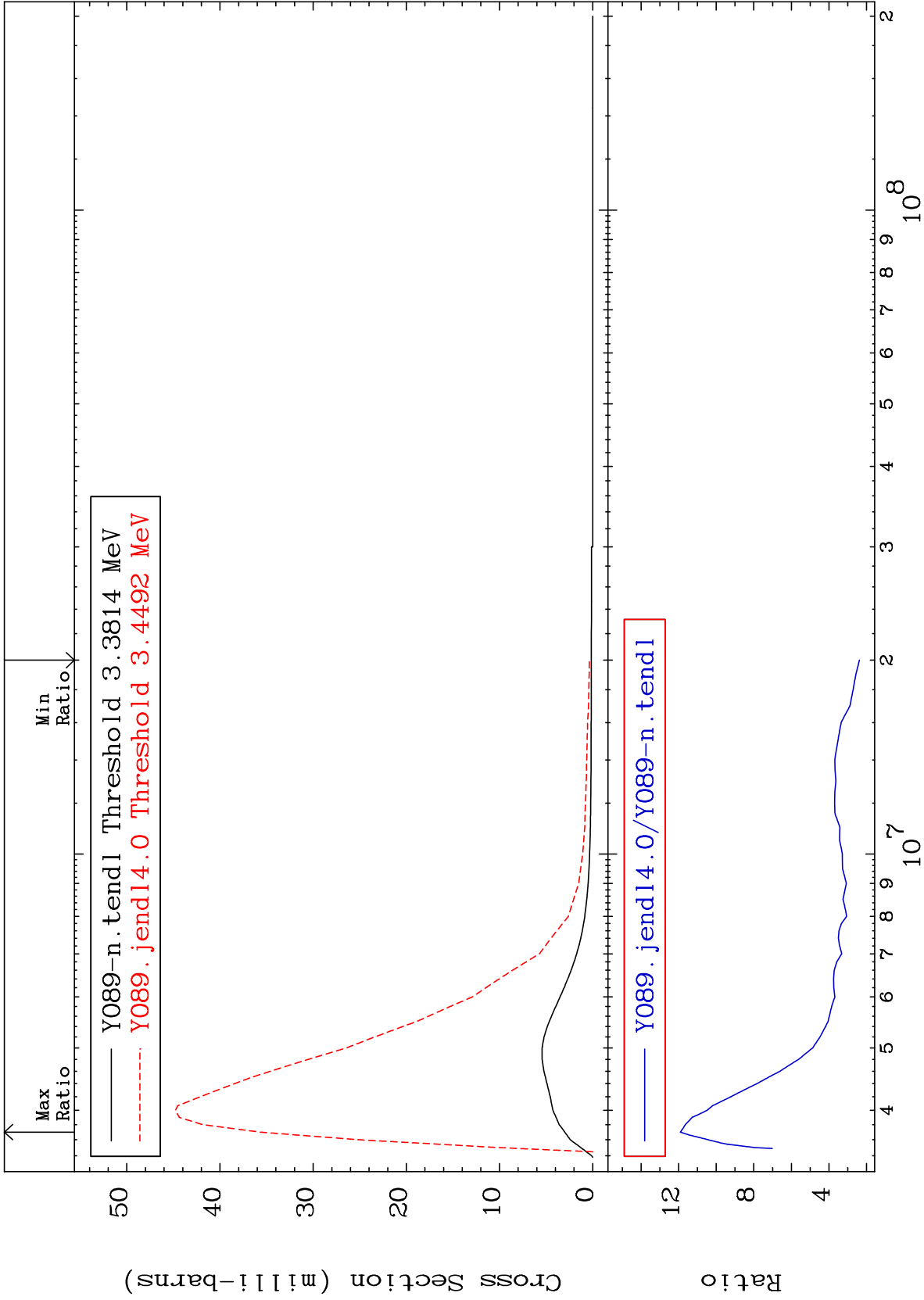
39-Y -89

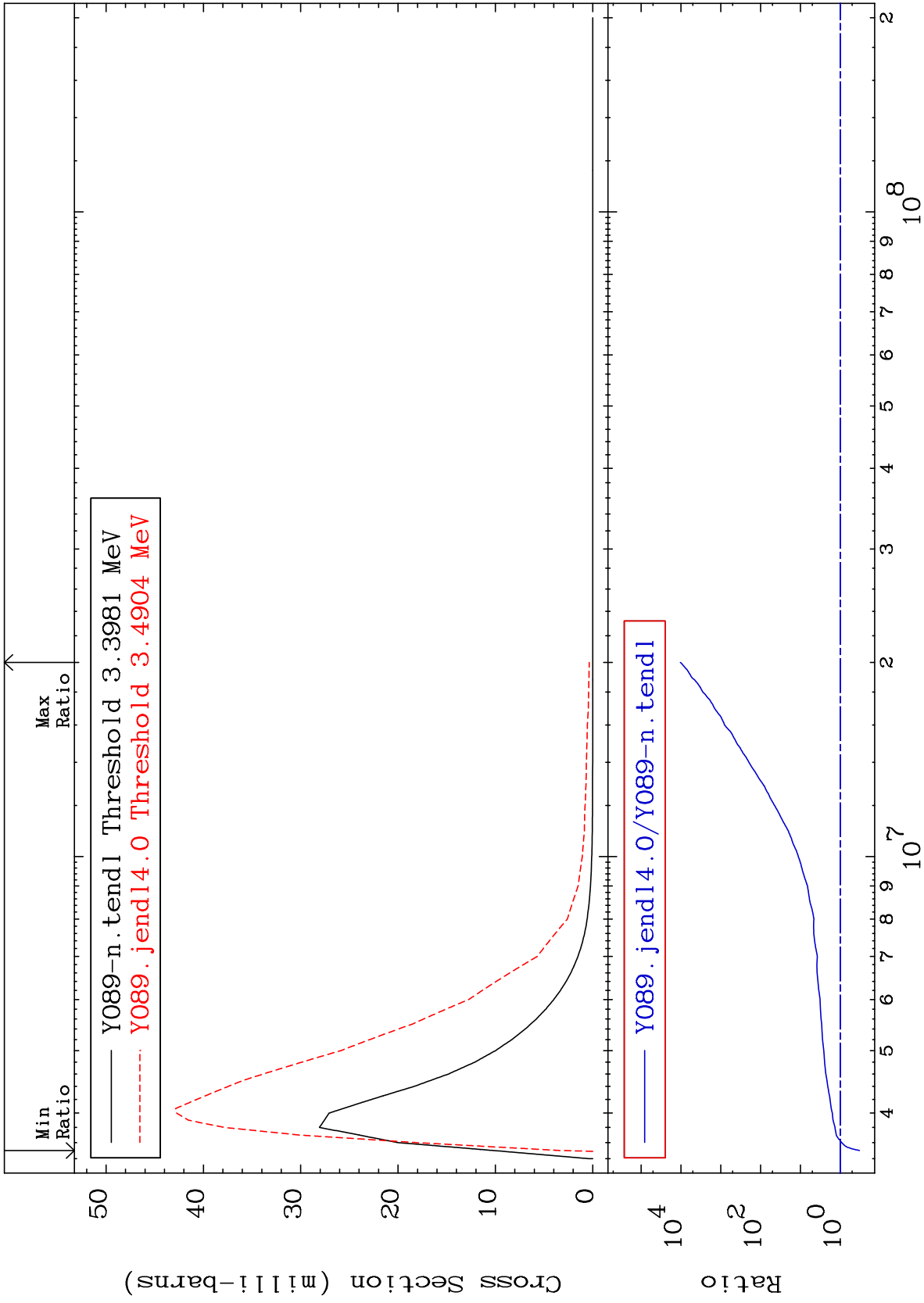




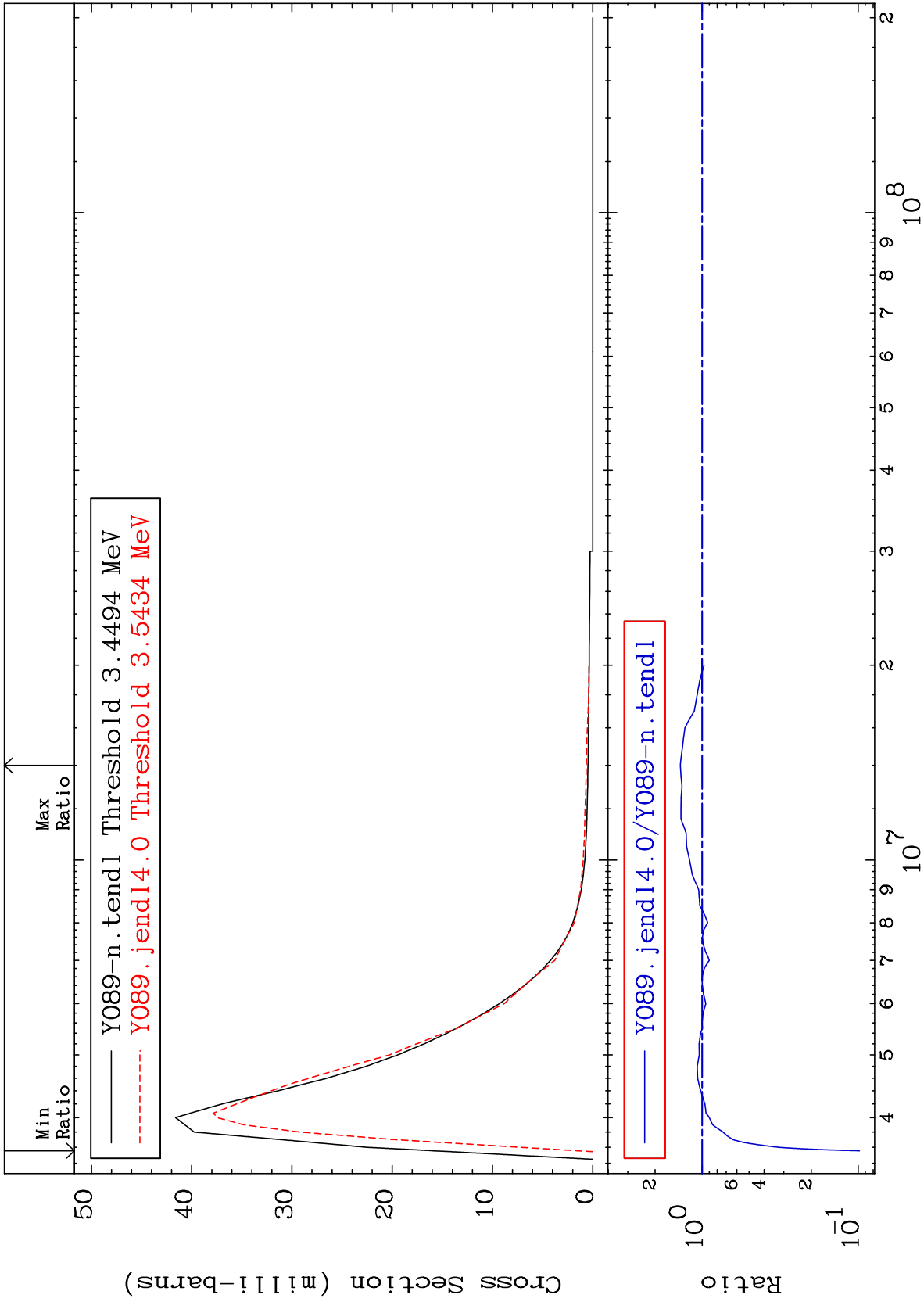


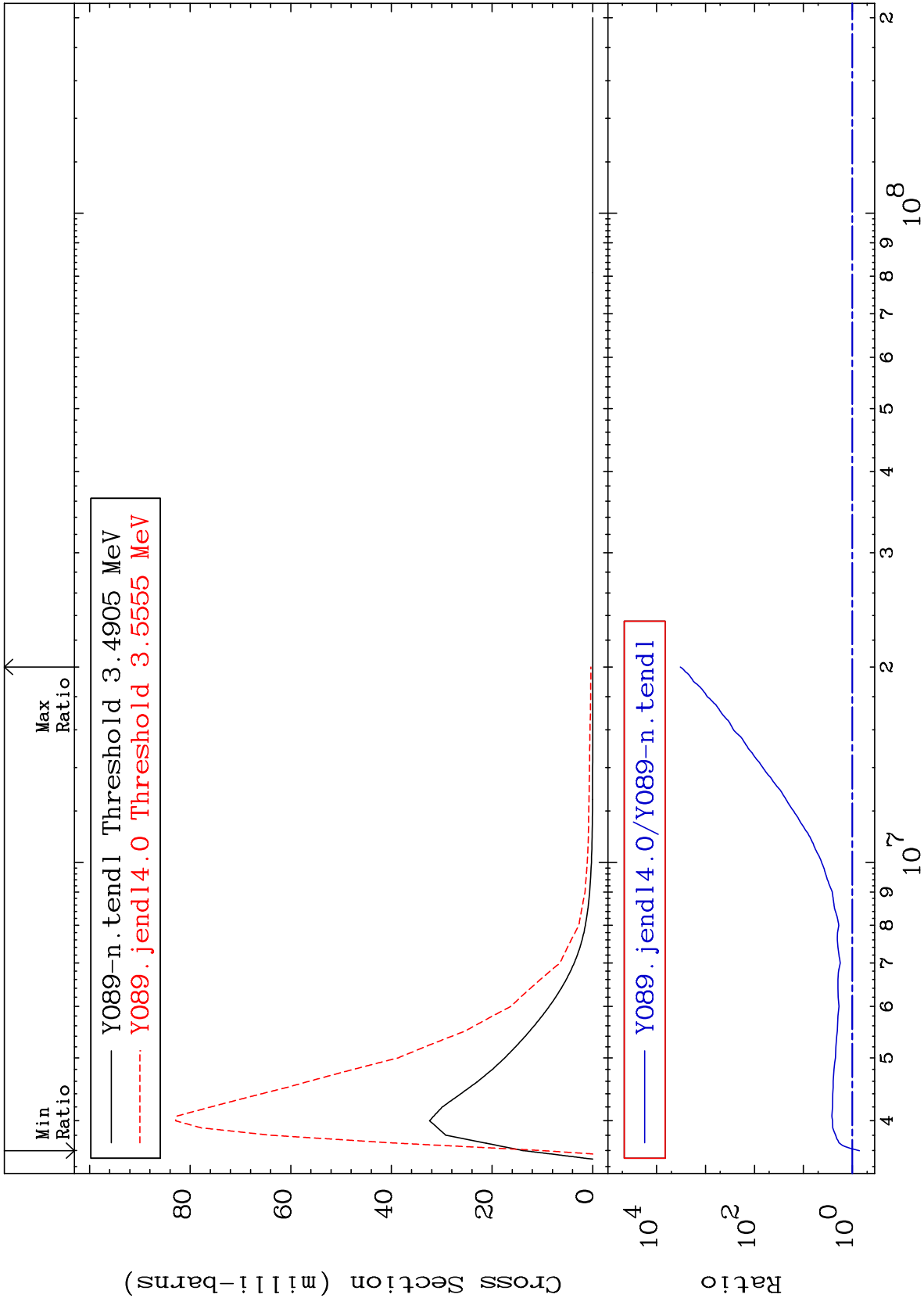


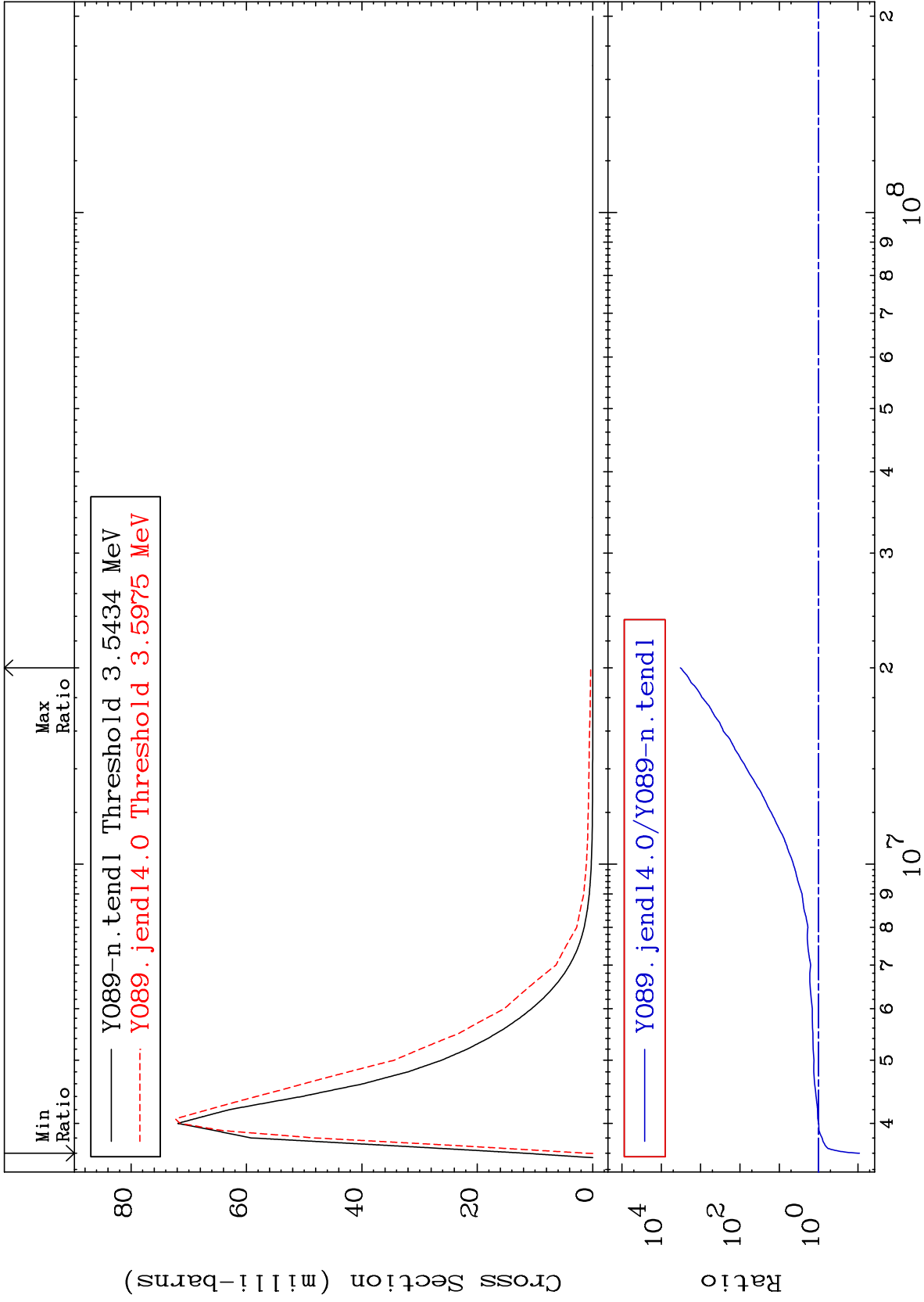


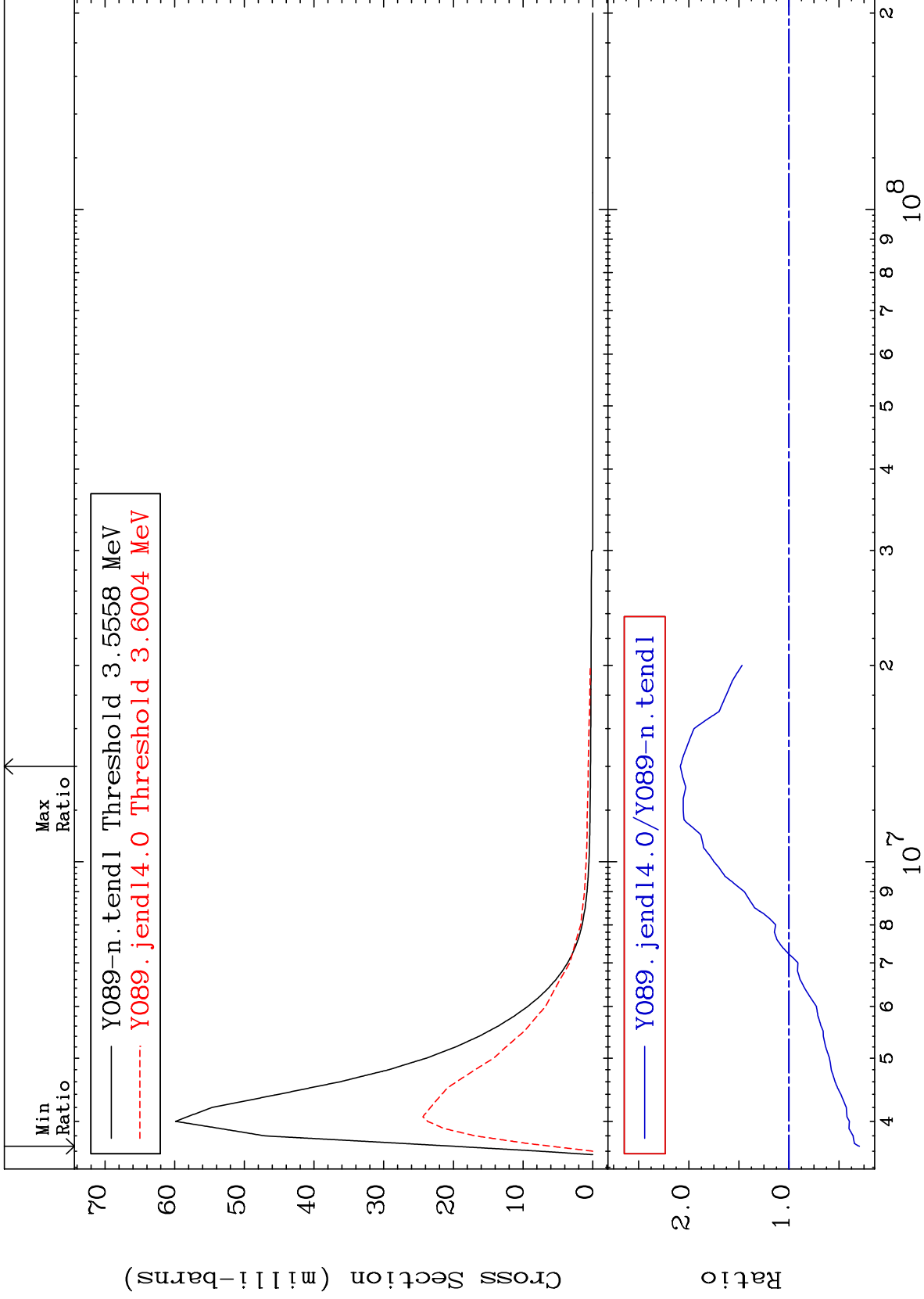


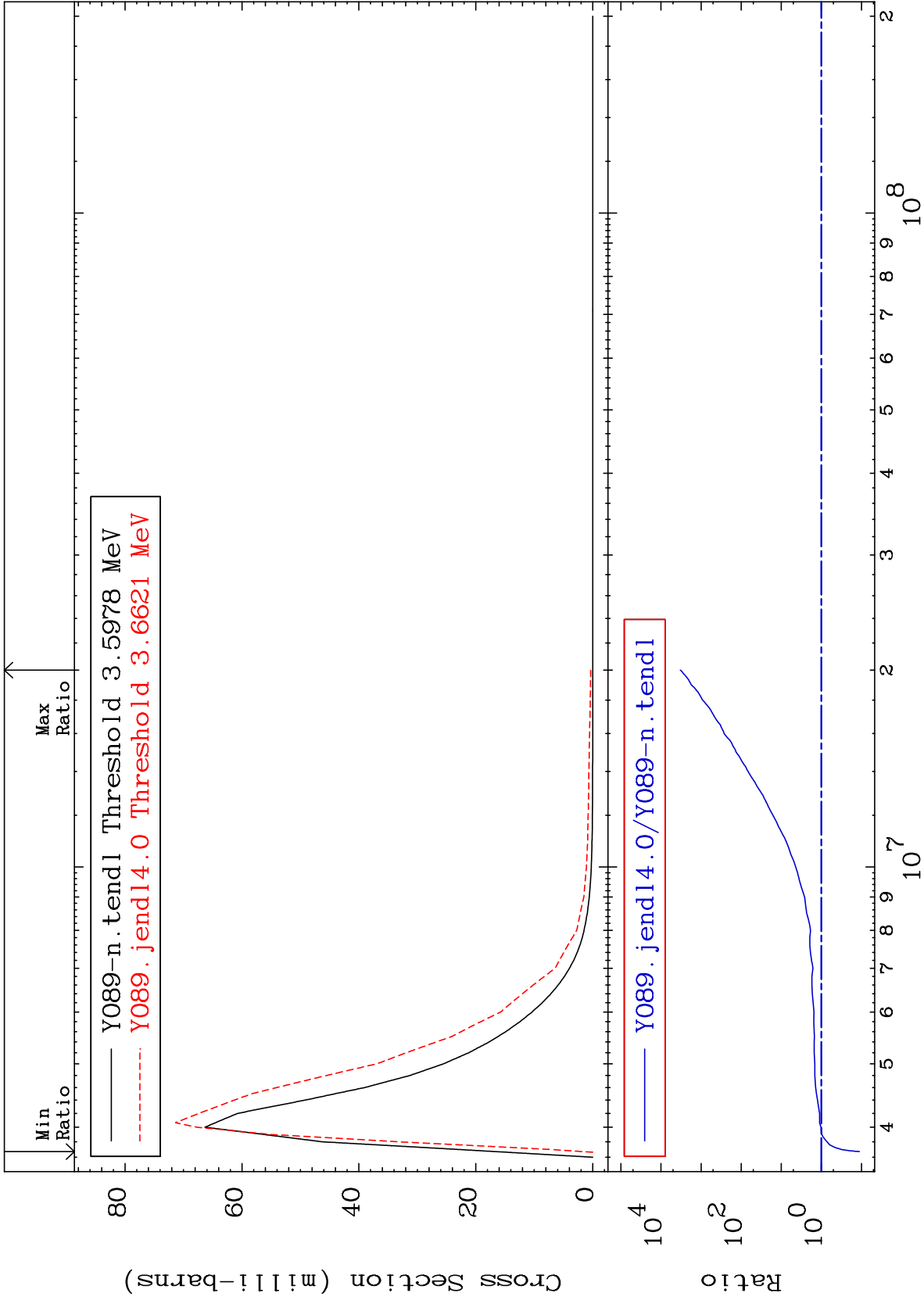


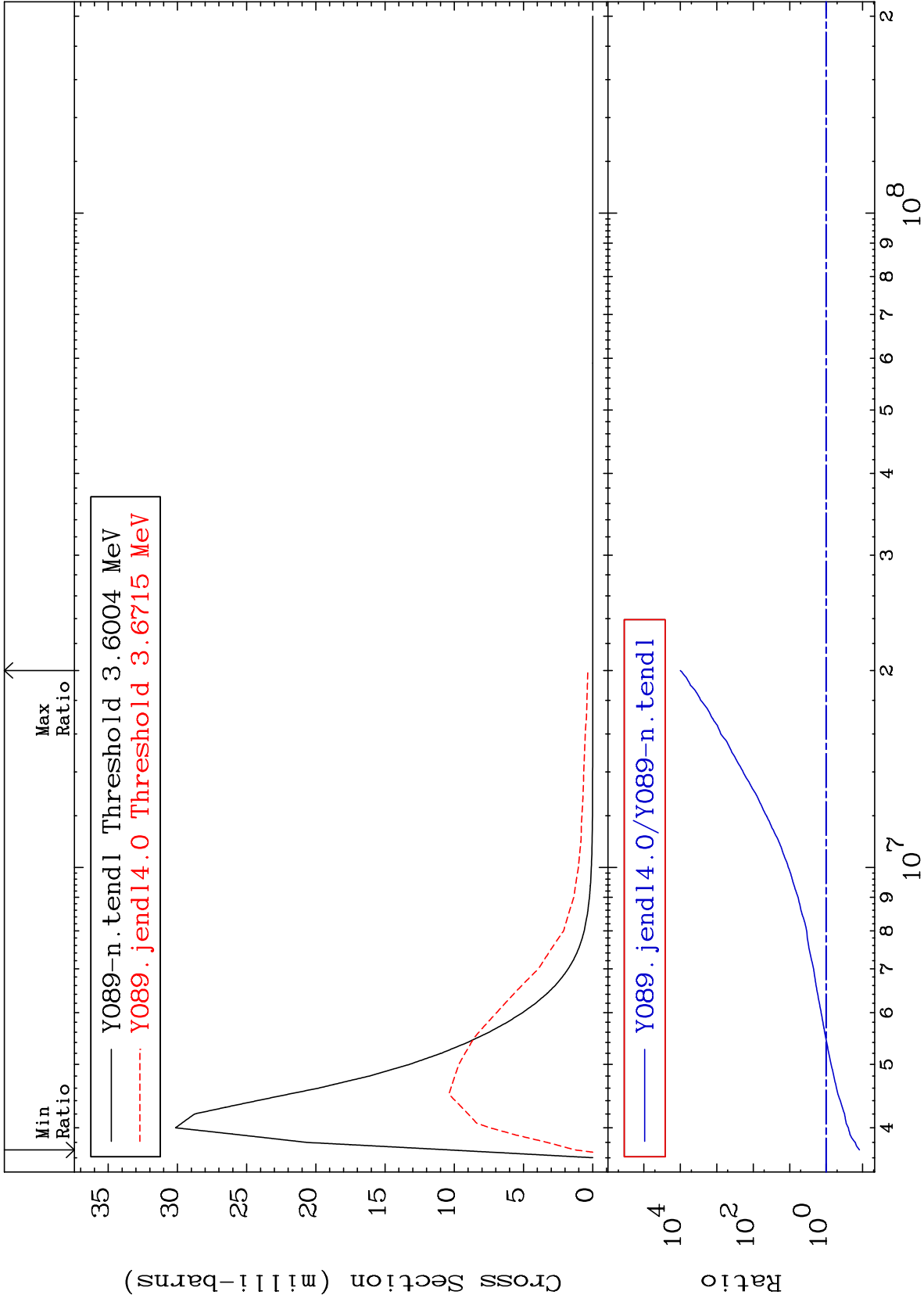


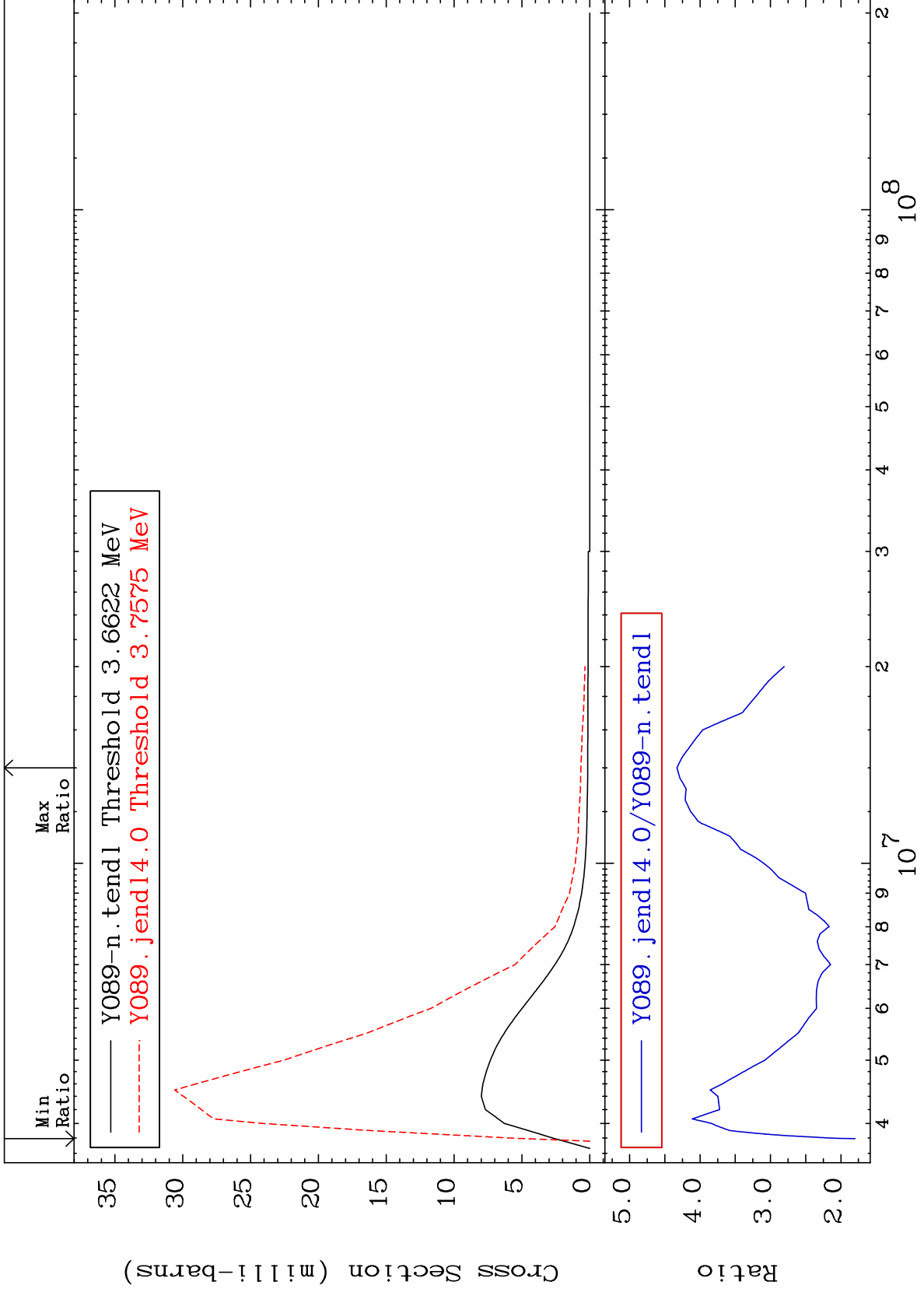


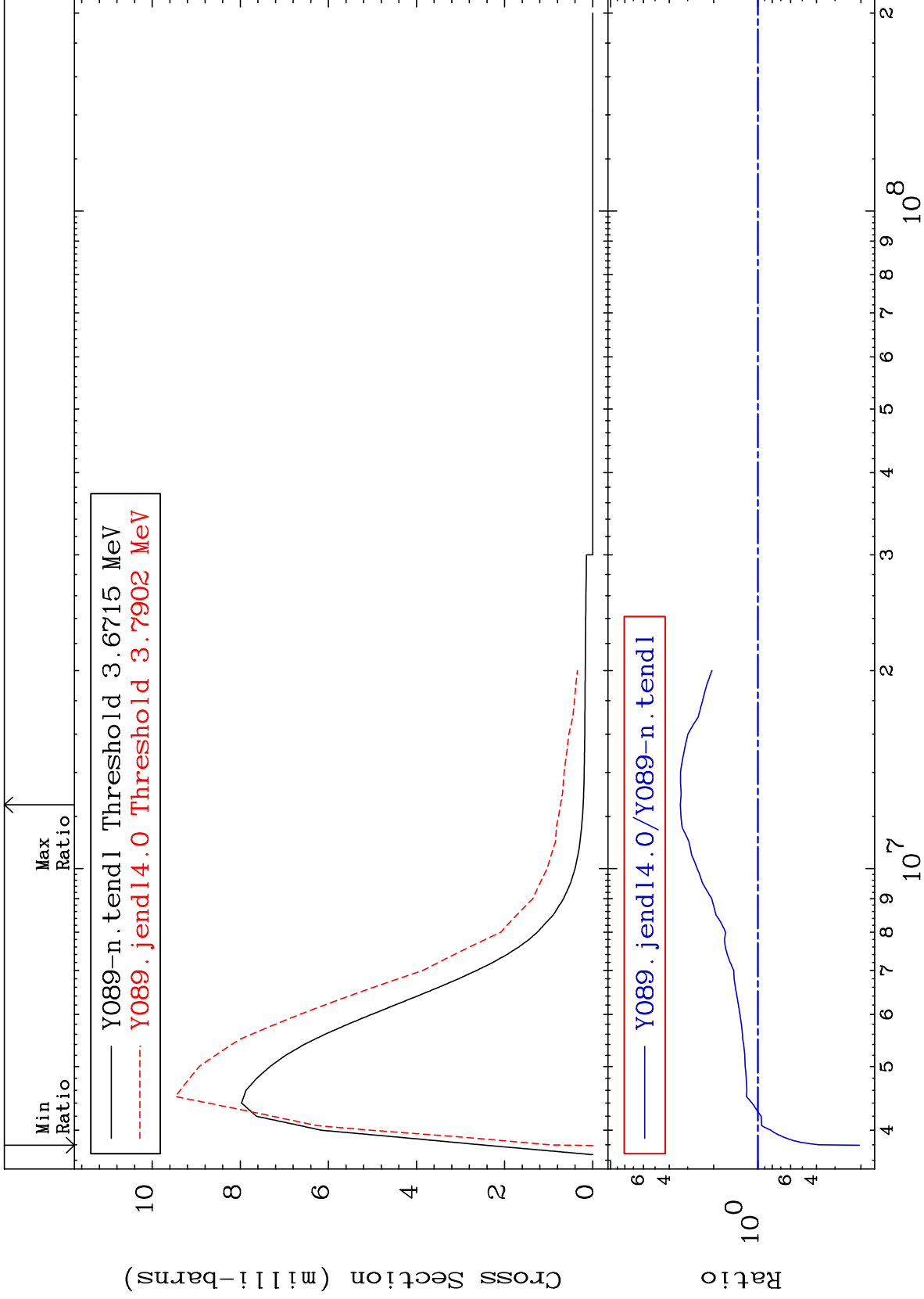




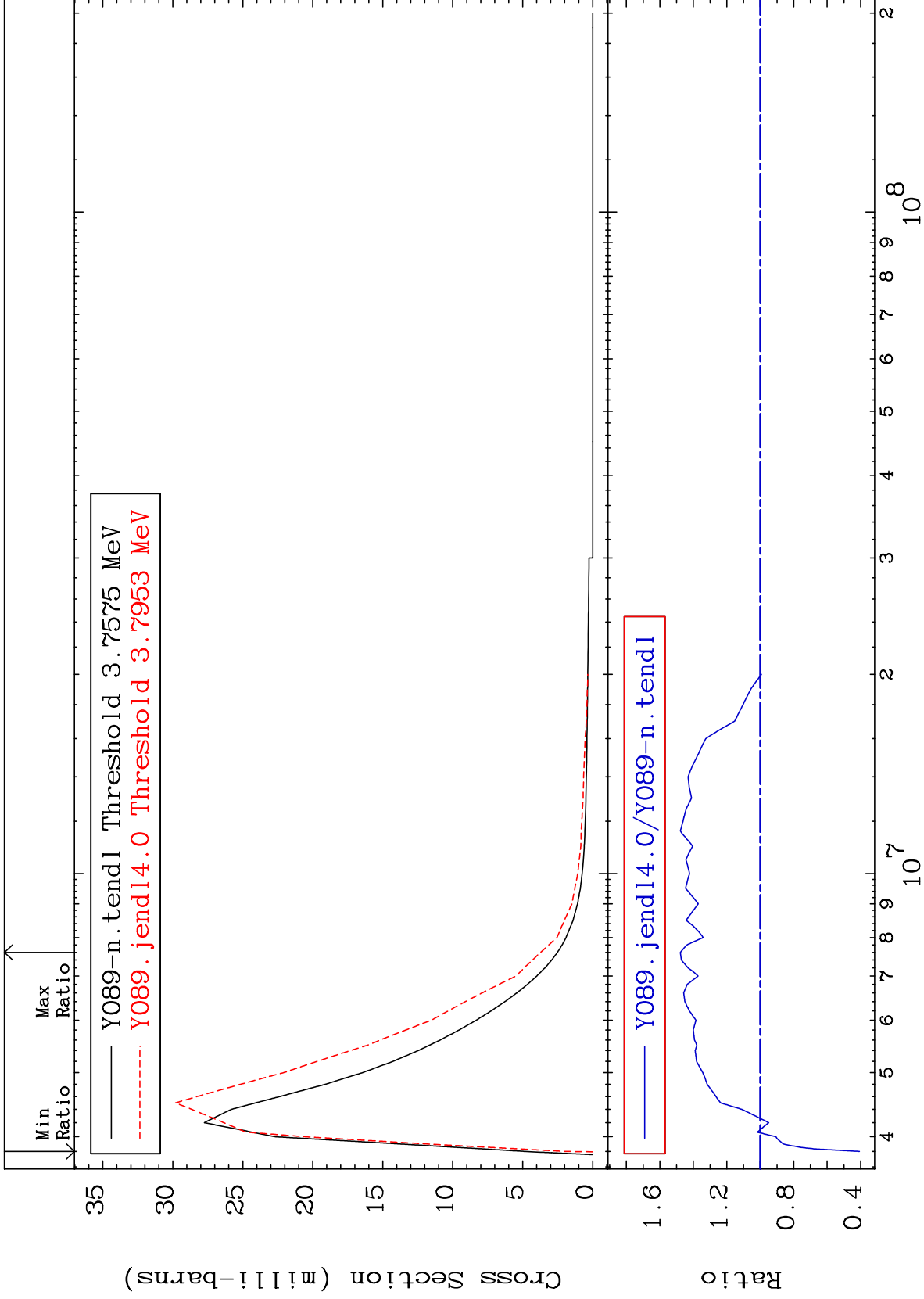


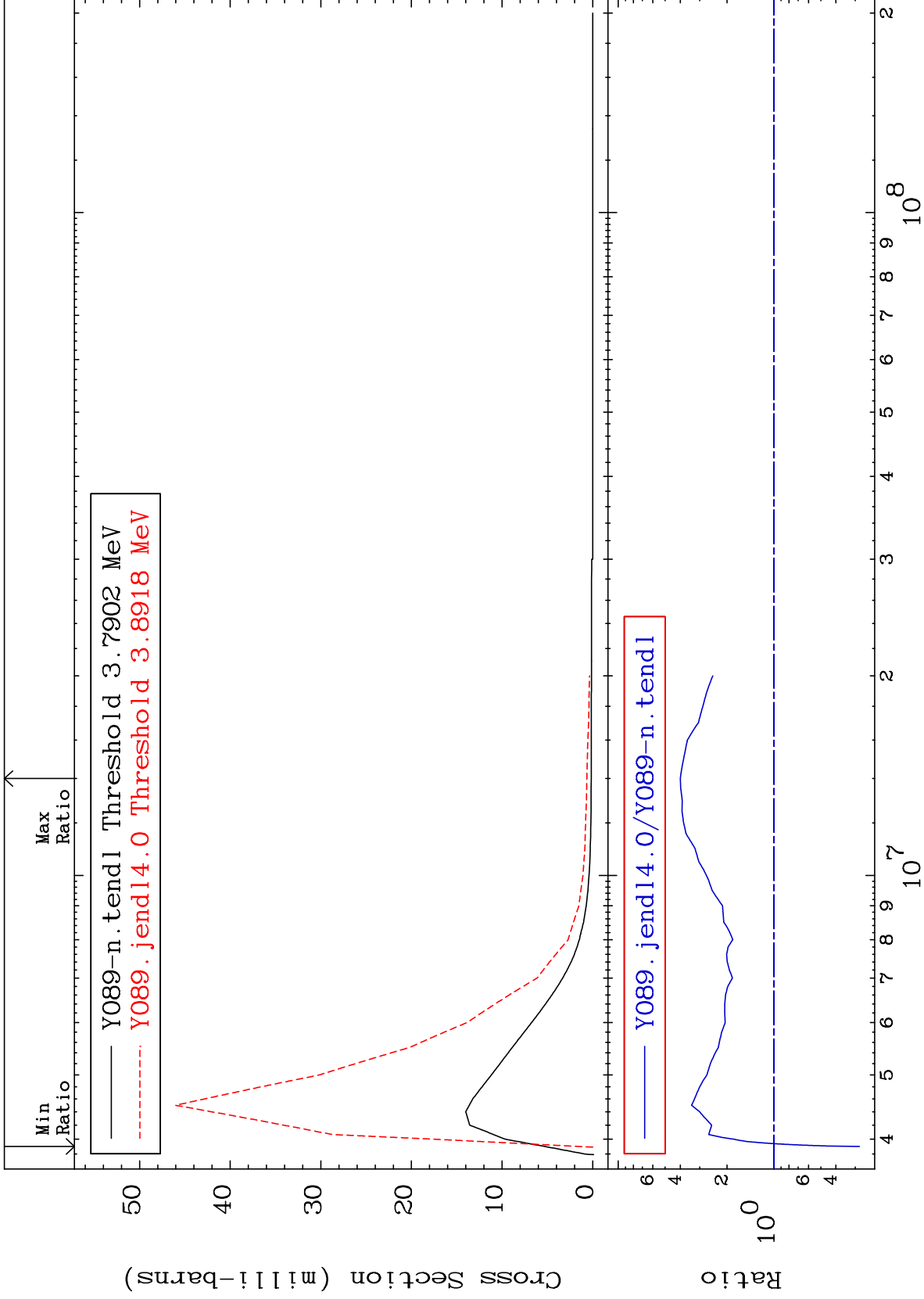








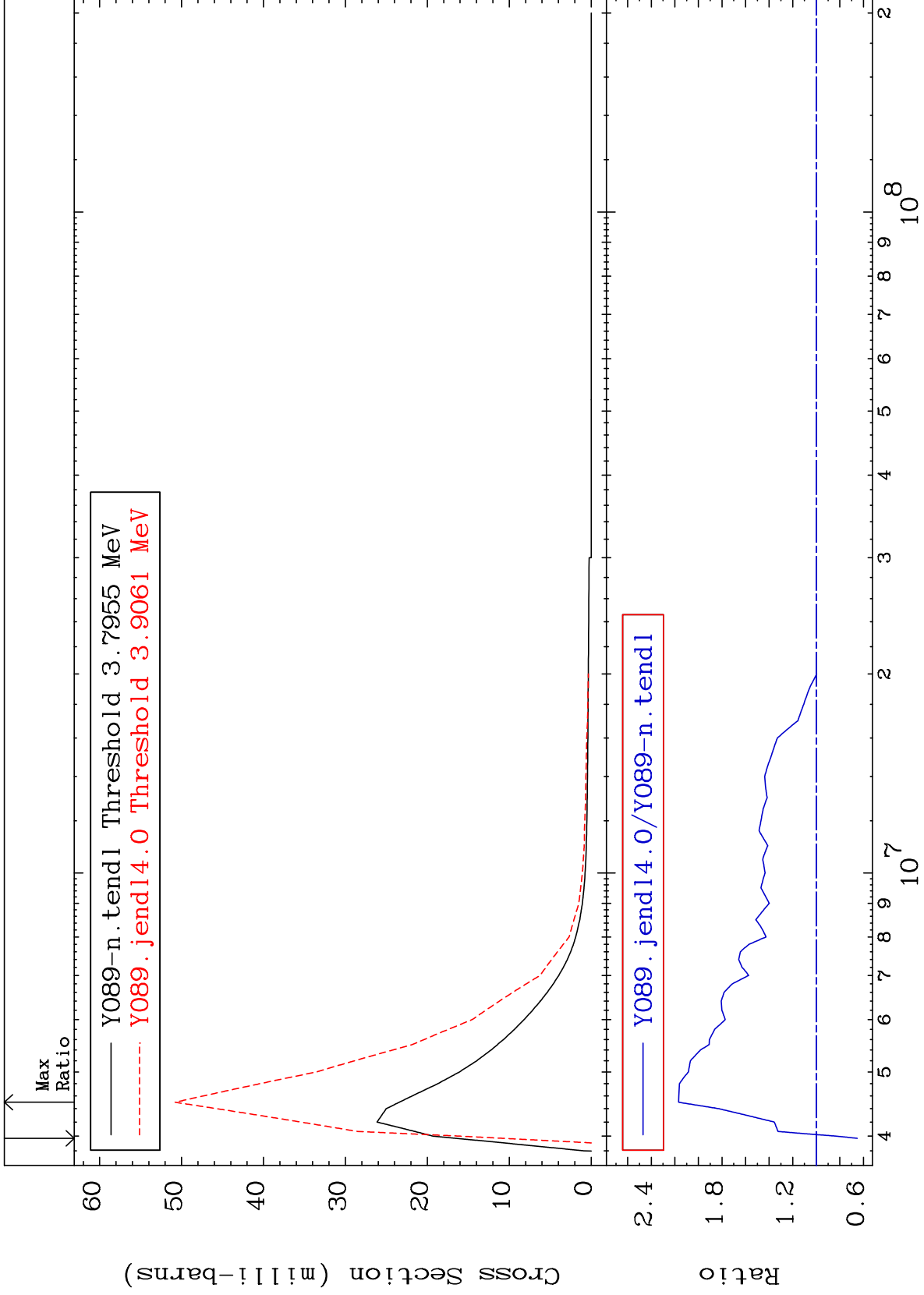




MAT 3925

3.753 MeV (n,n') Level  
Cross Section

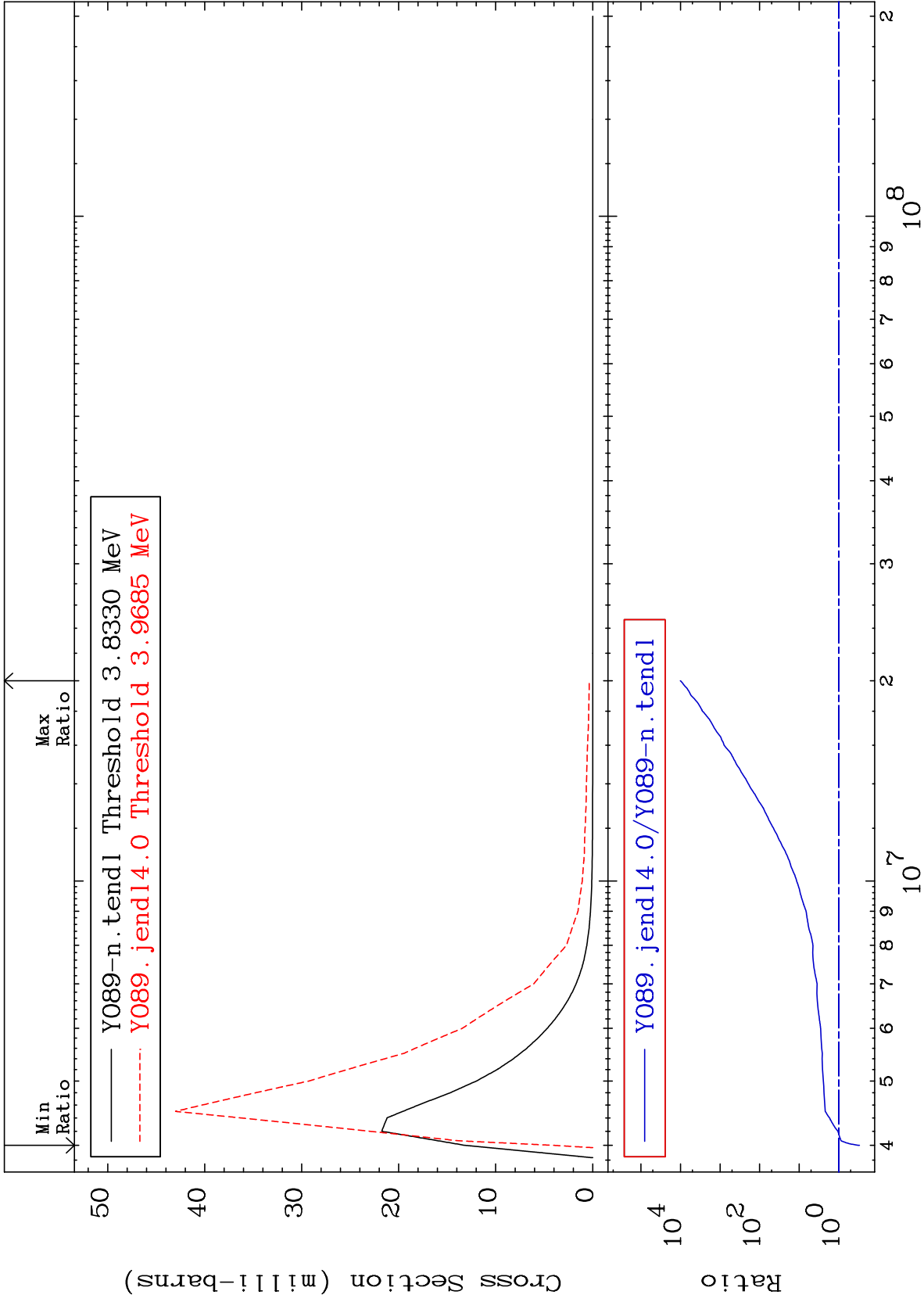
39-Y -89  
-34.78 To 116.8 %

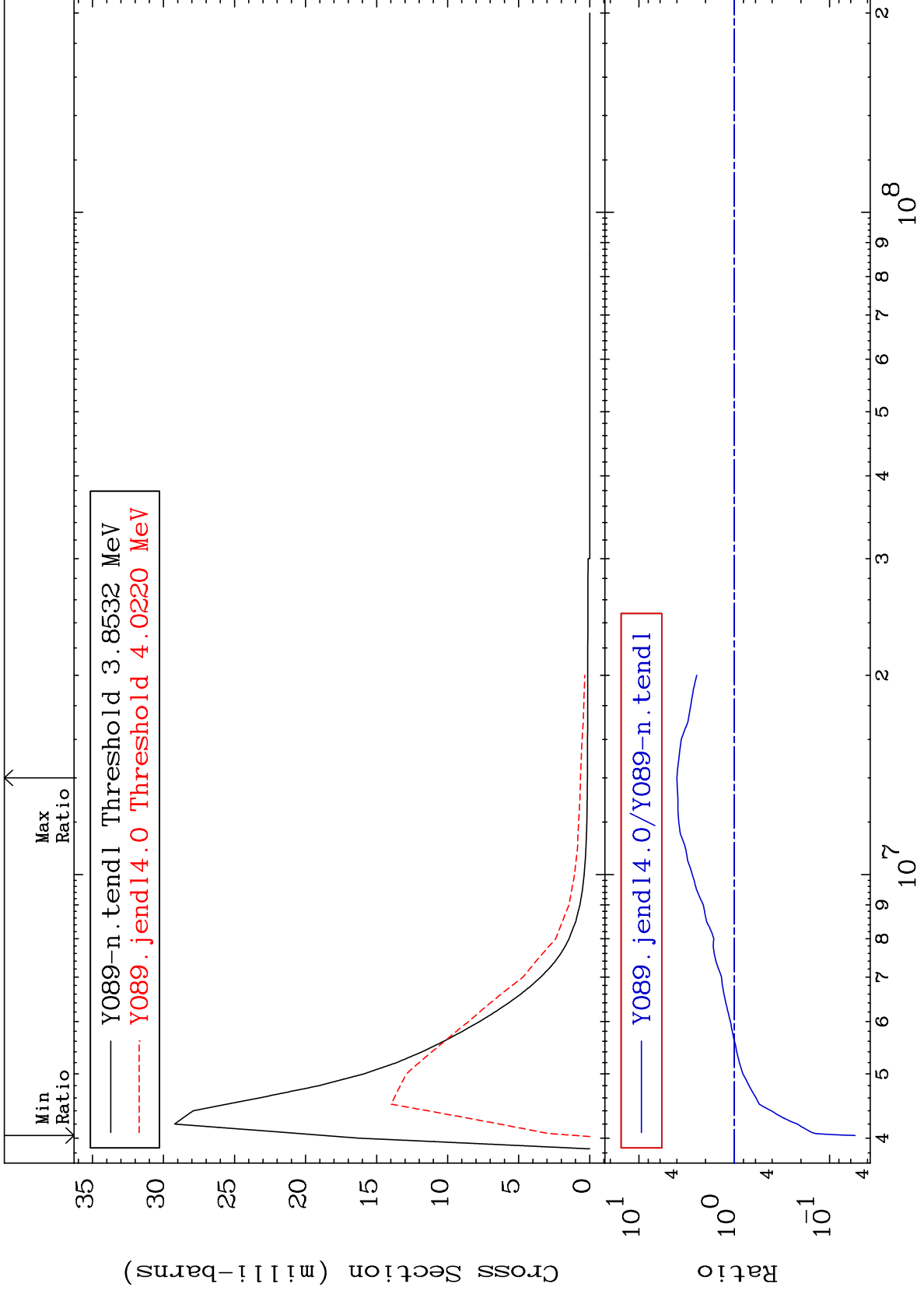


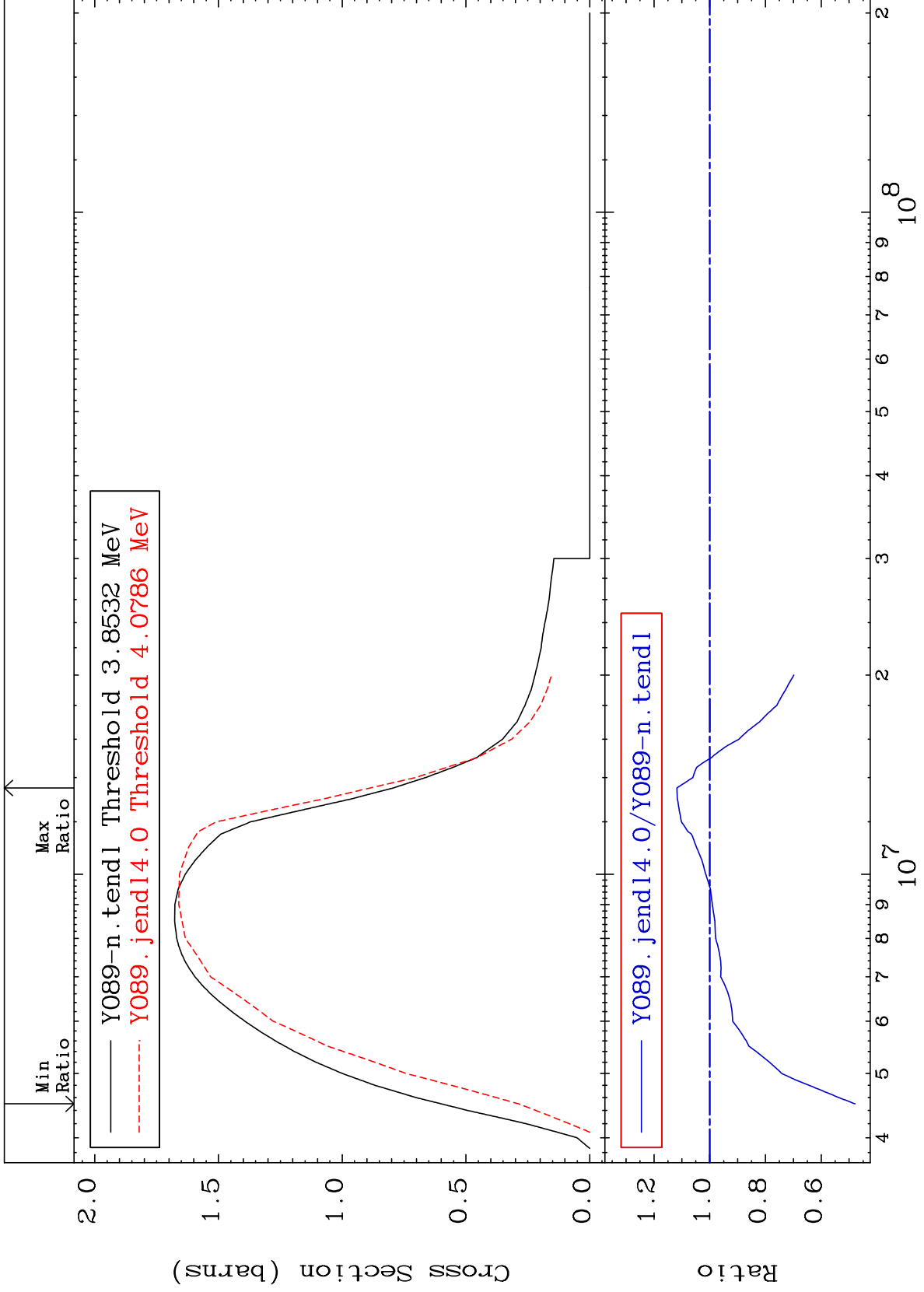
35

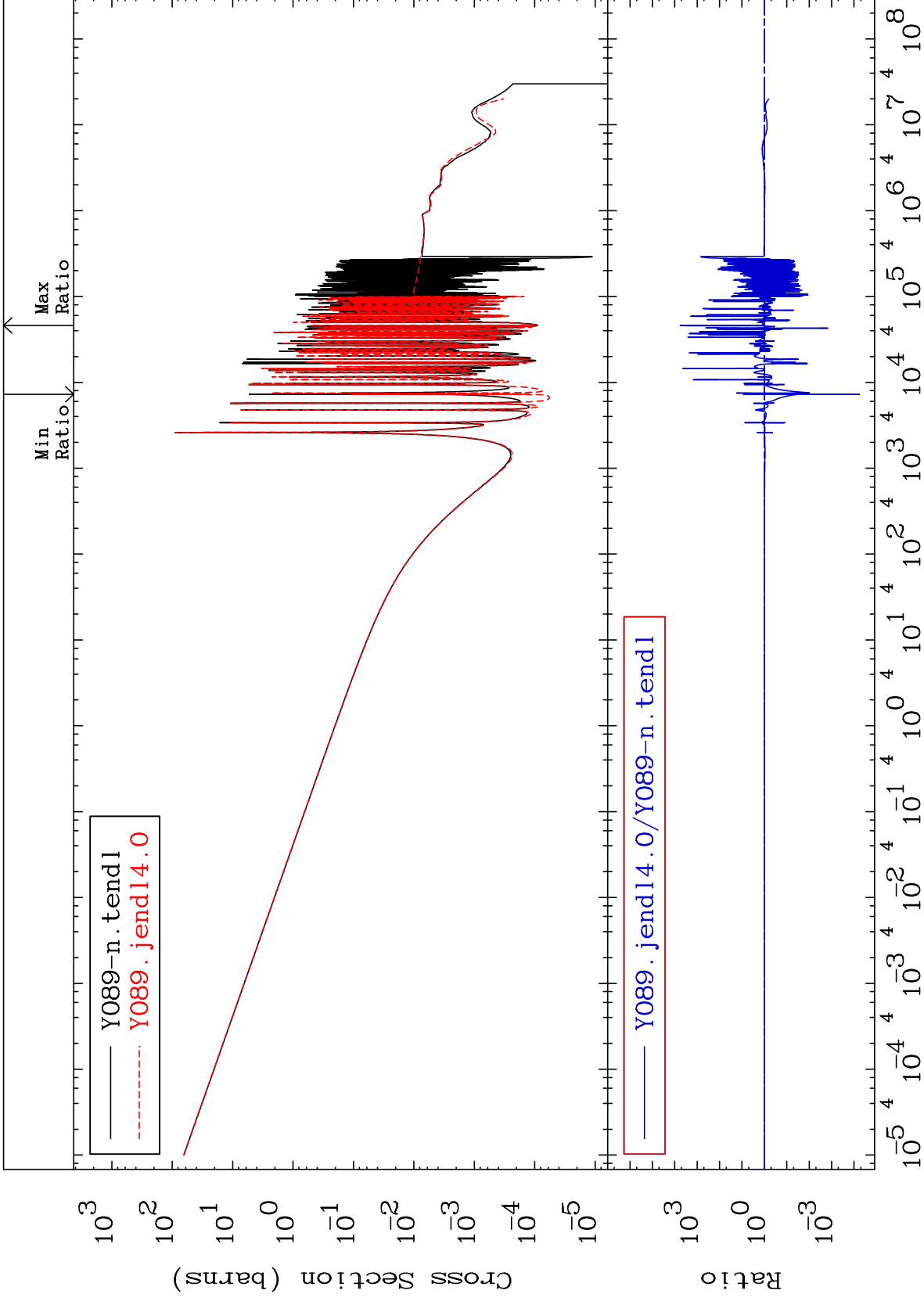
Incident Energy (eV)

39-Y -89









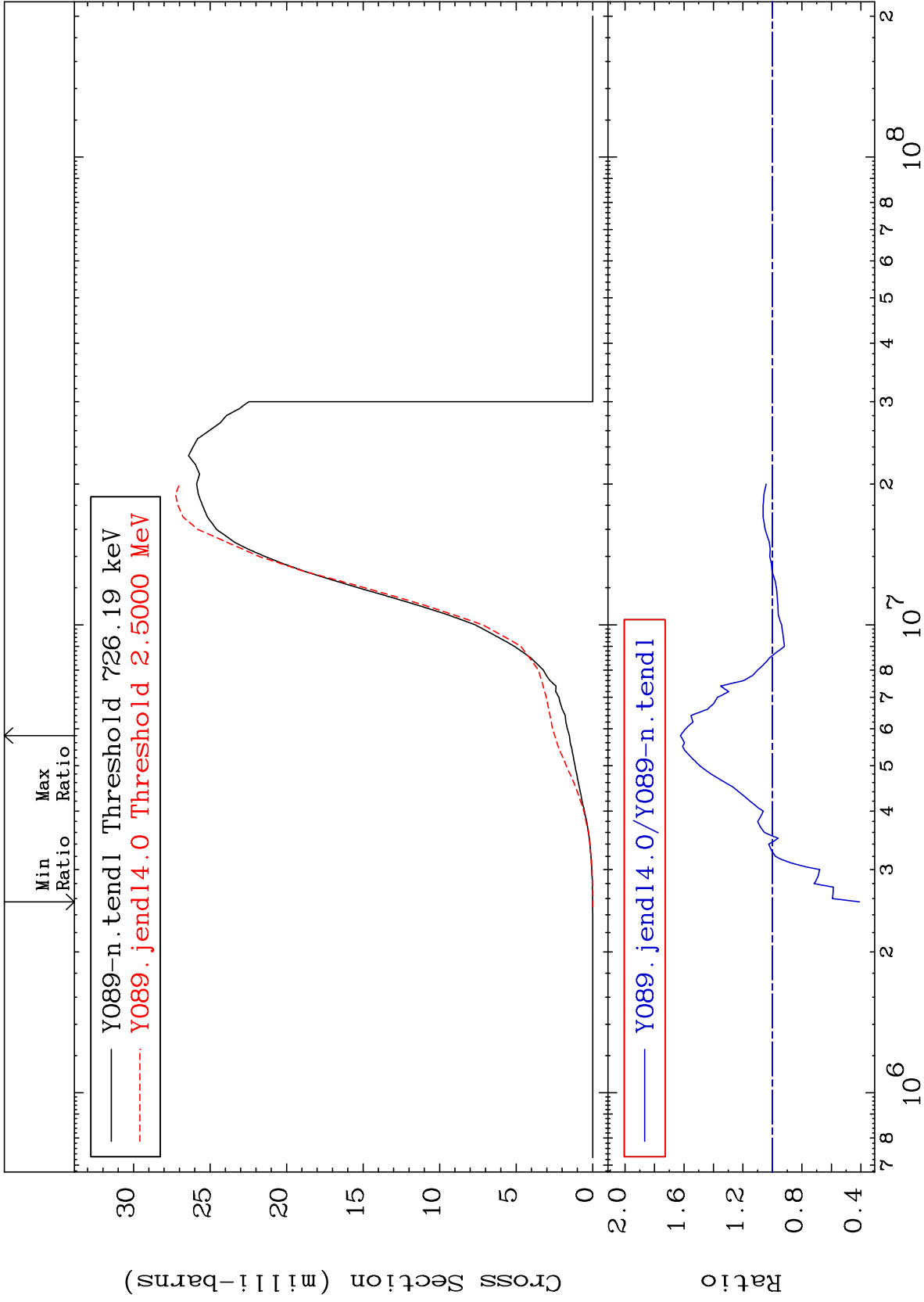
MAT 3925

(n,p)

39-Y -89

Cross Section

-59.01 To 62.46 %

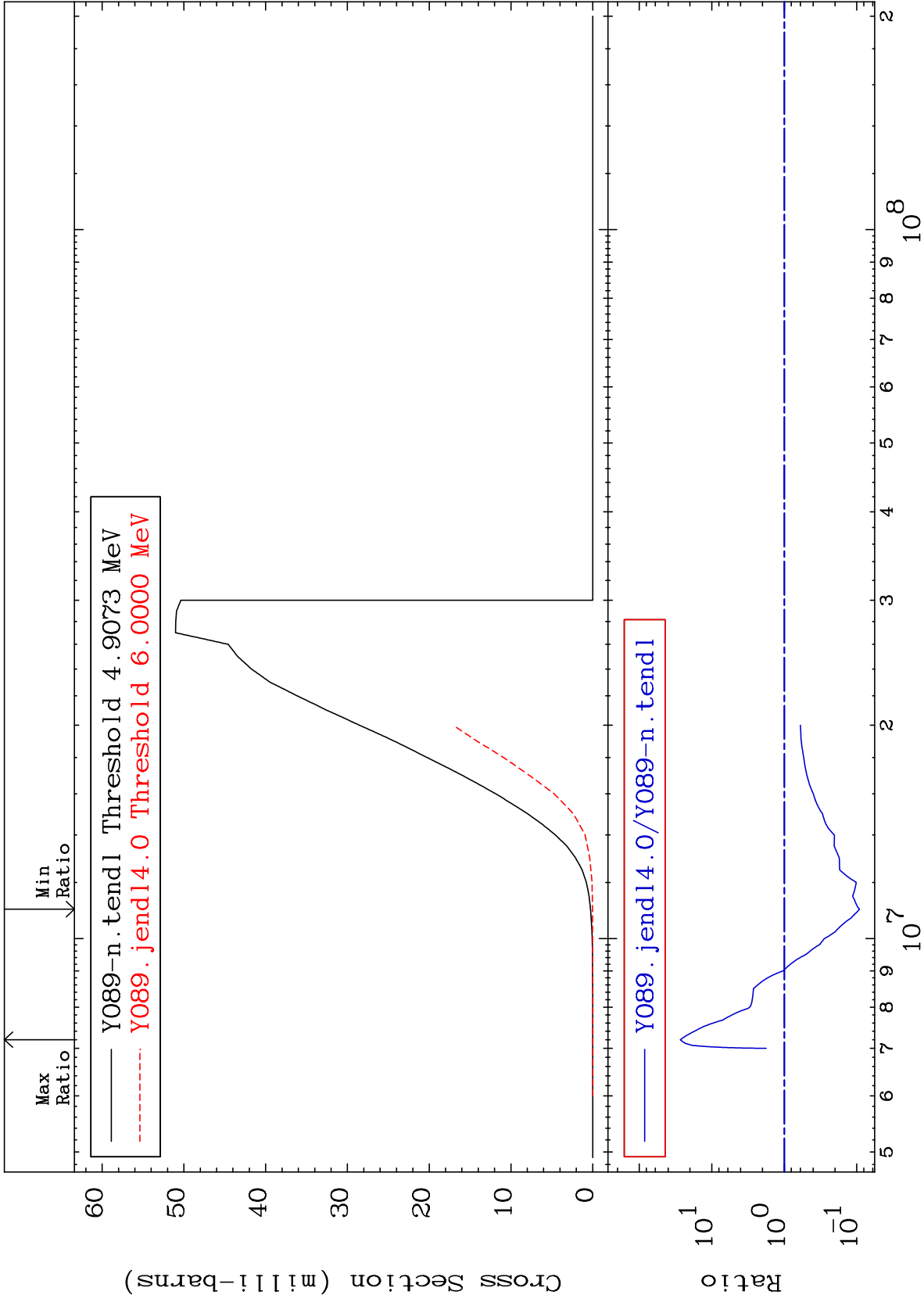


40

Incident Energy (eV)

39-Y -89

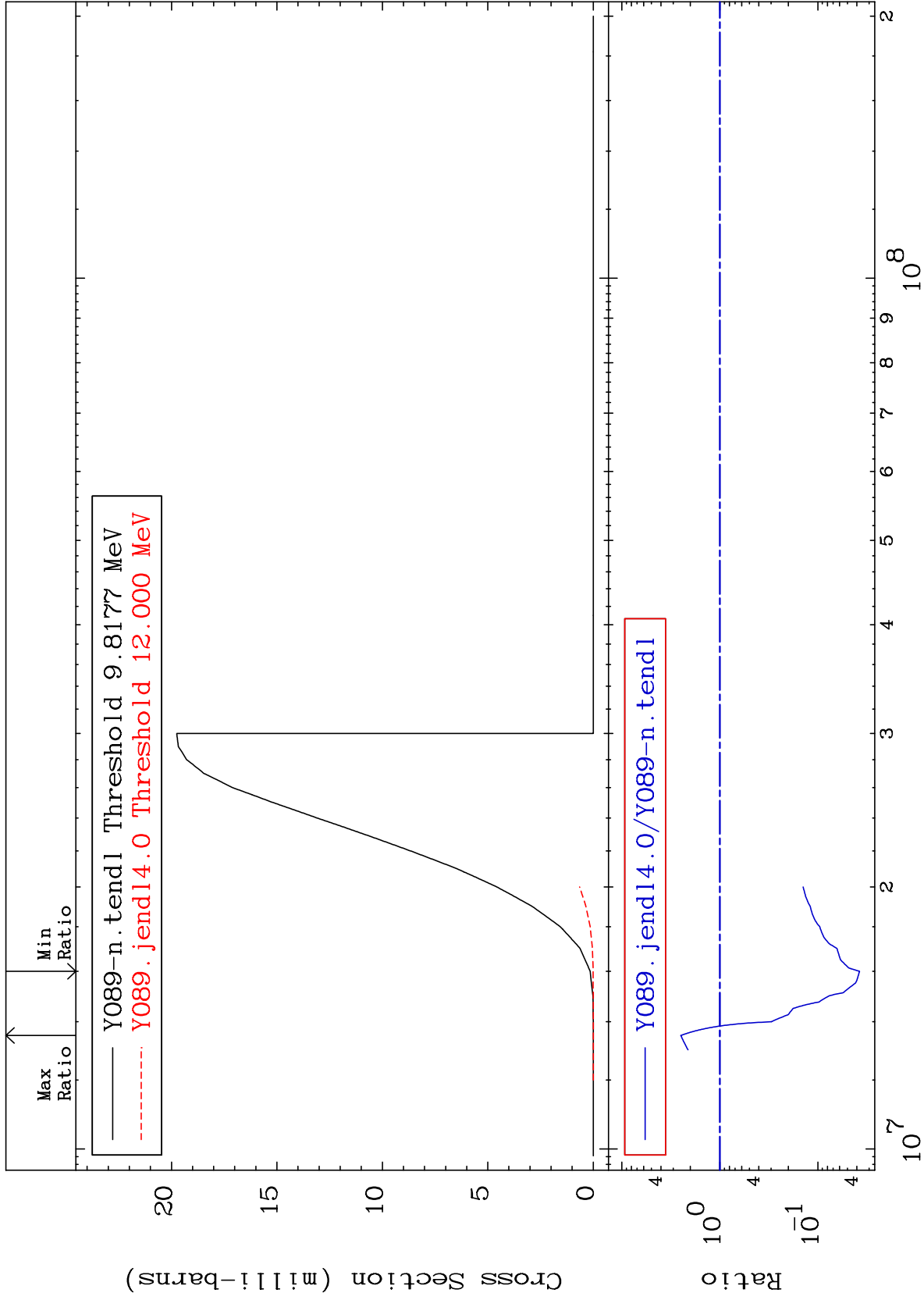




MAT 3925

(n, t)  
Cross Section

39-Y -89  
-96.24 To 150.7 %



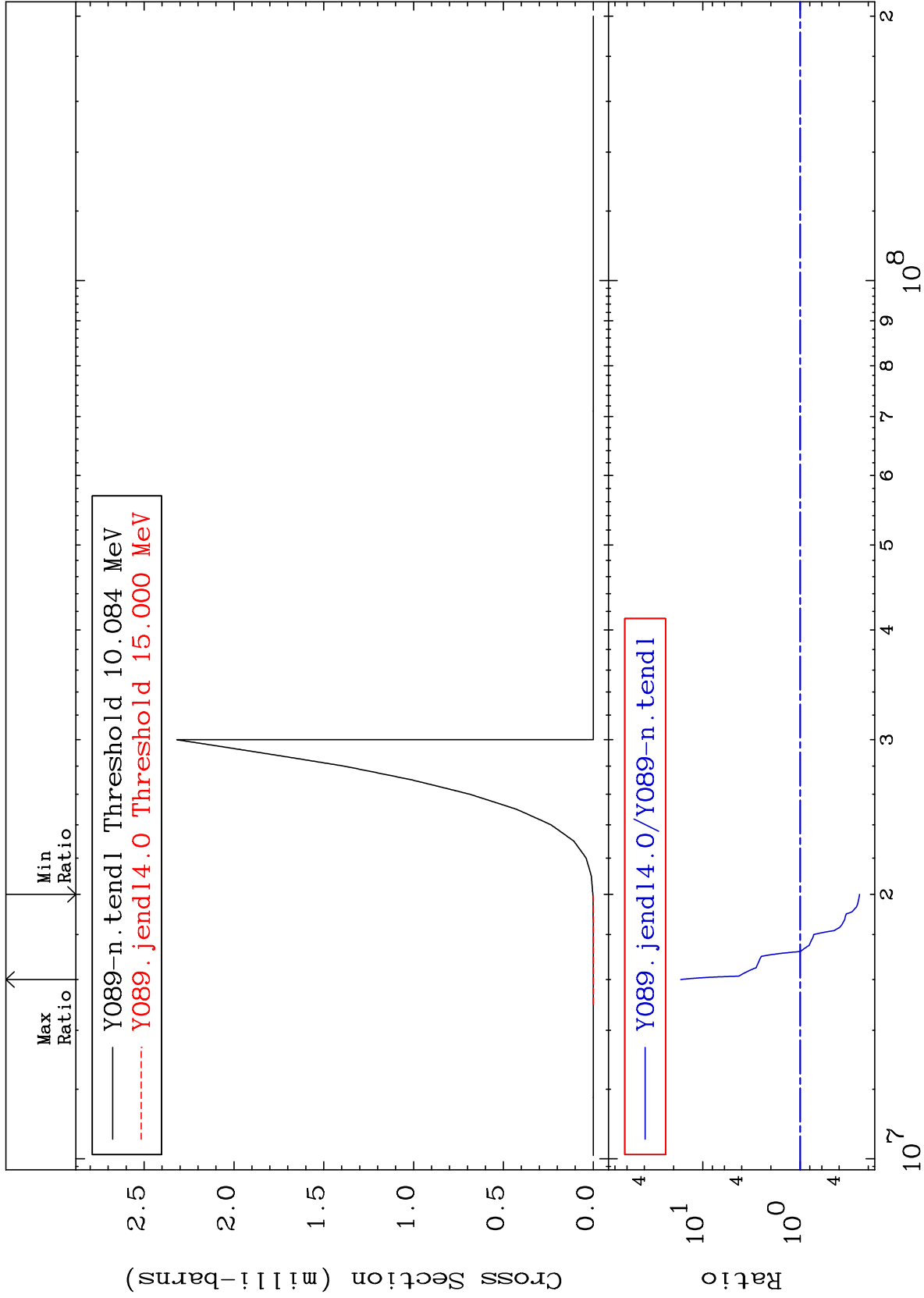
42

Incident Energy (eV)

39-Y -89

Cross Section

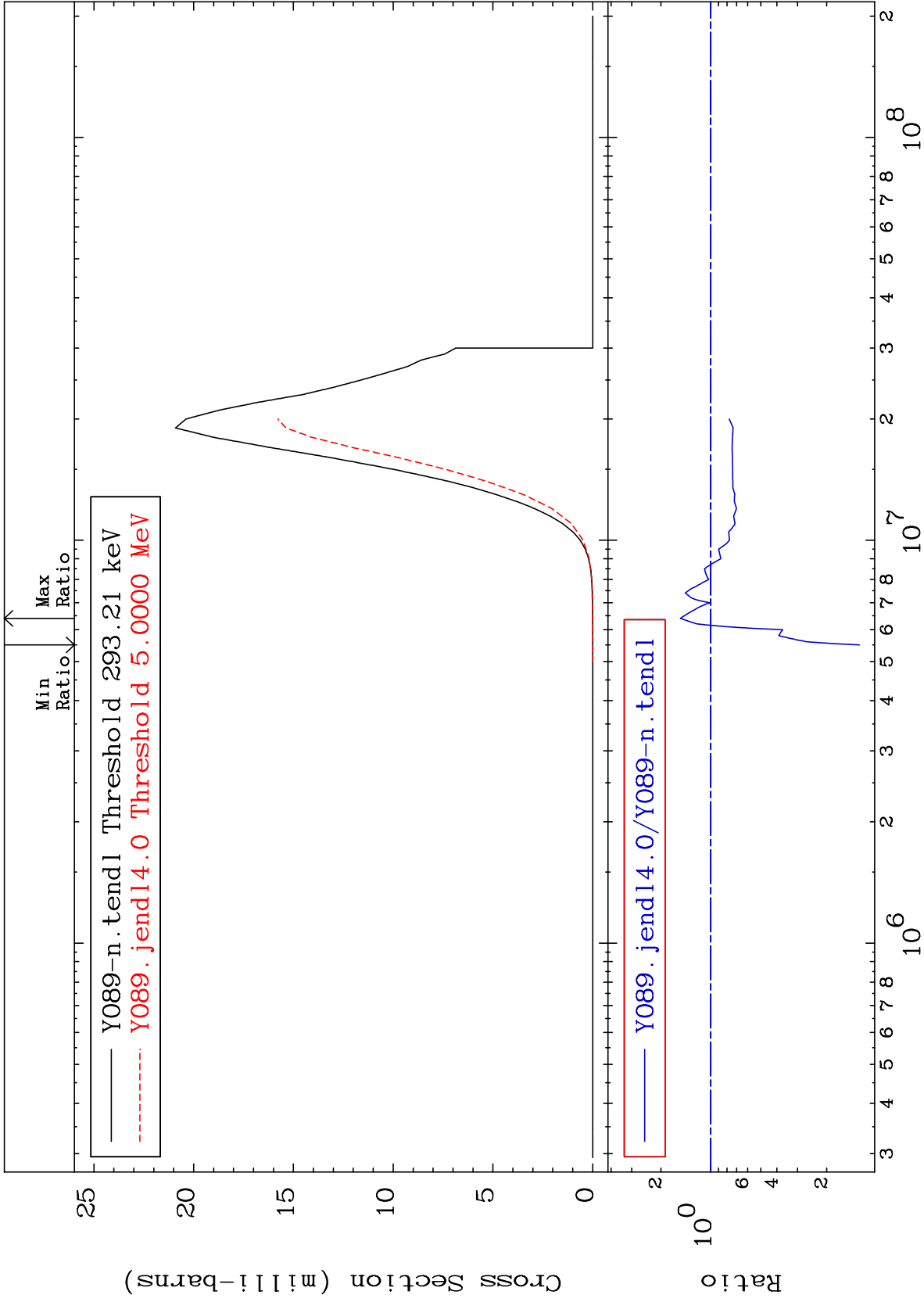
-75.37 To 1587. %

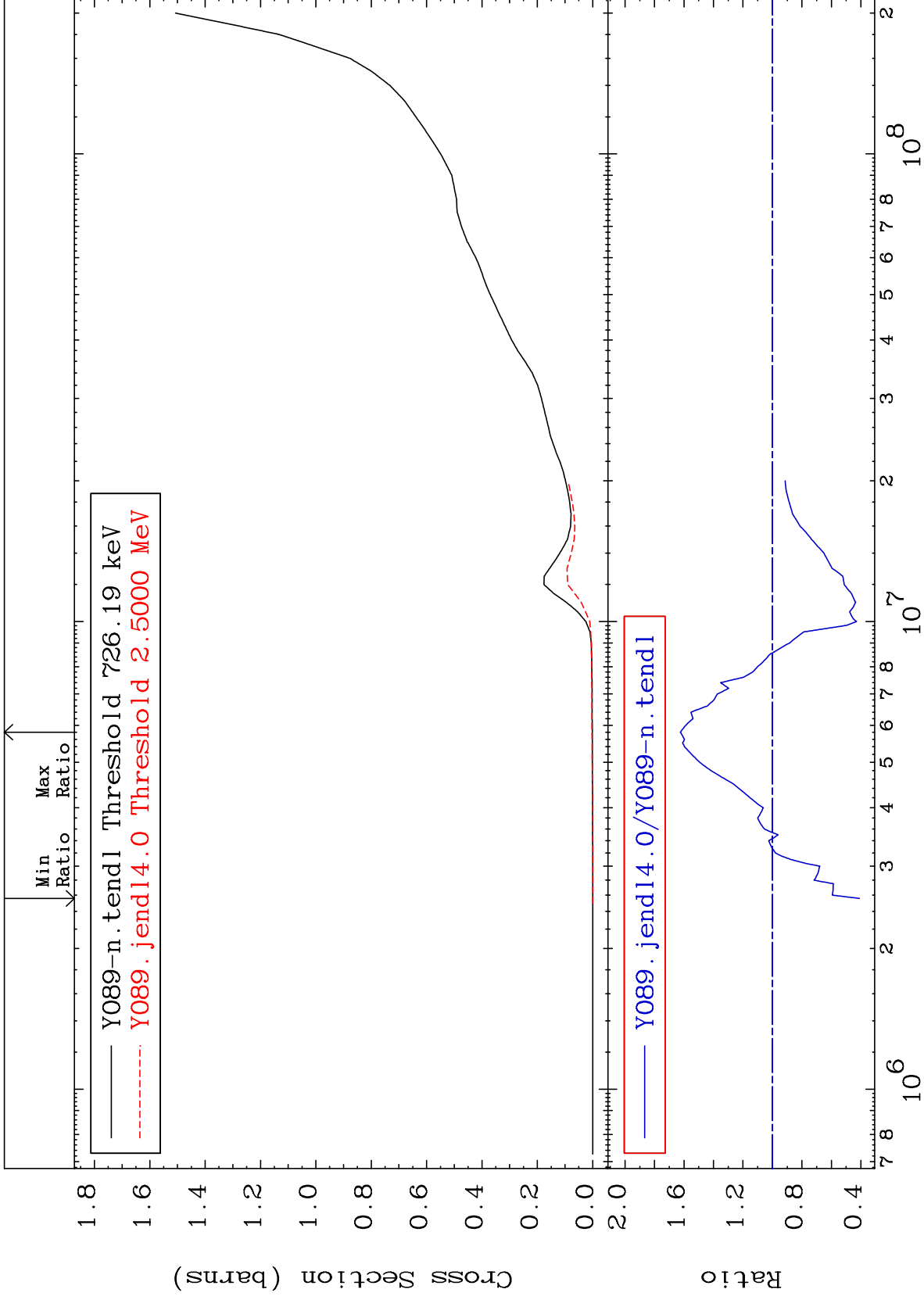


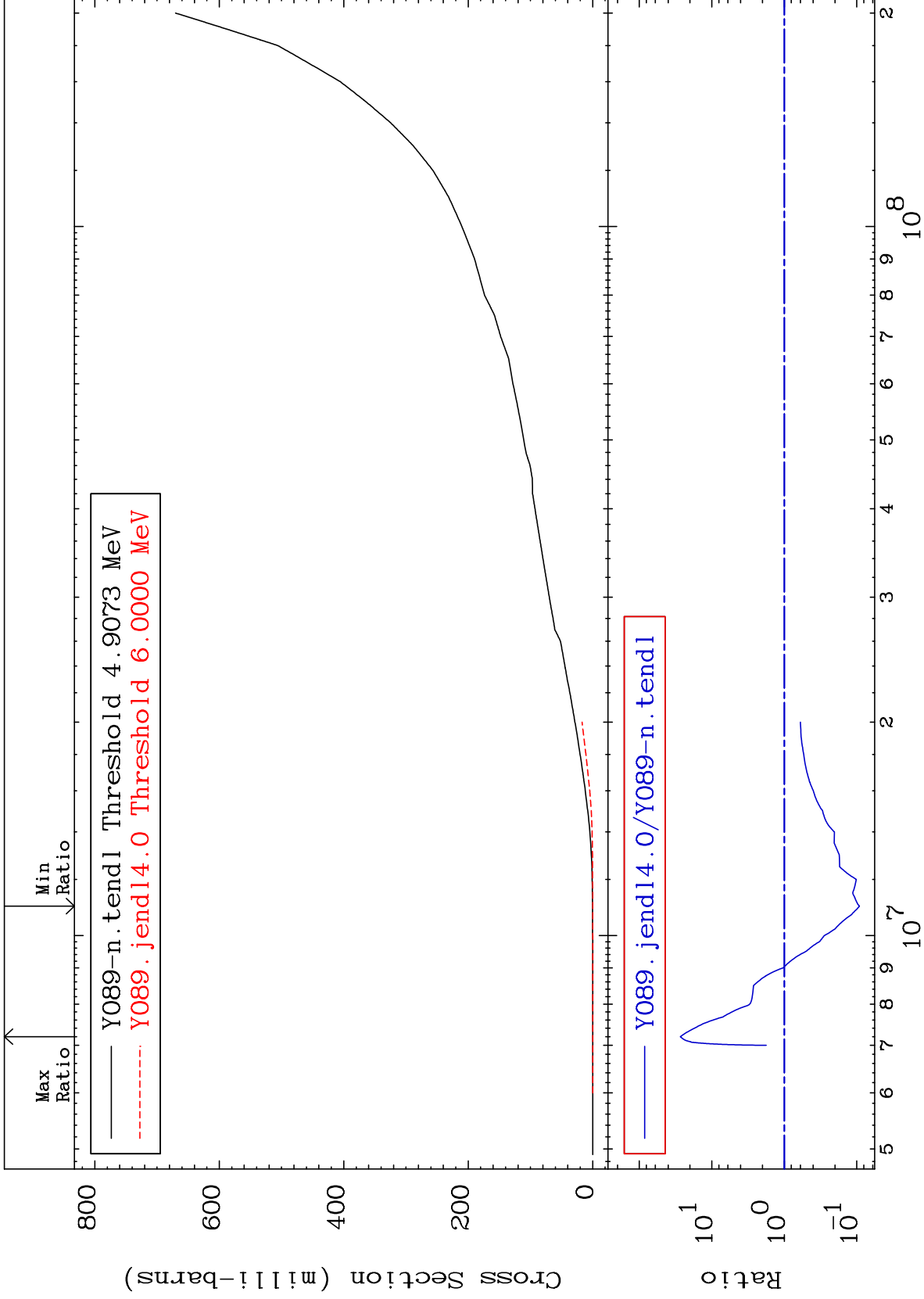
MAT 3925

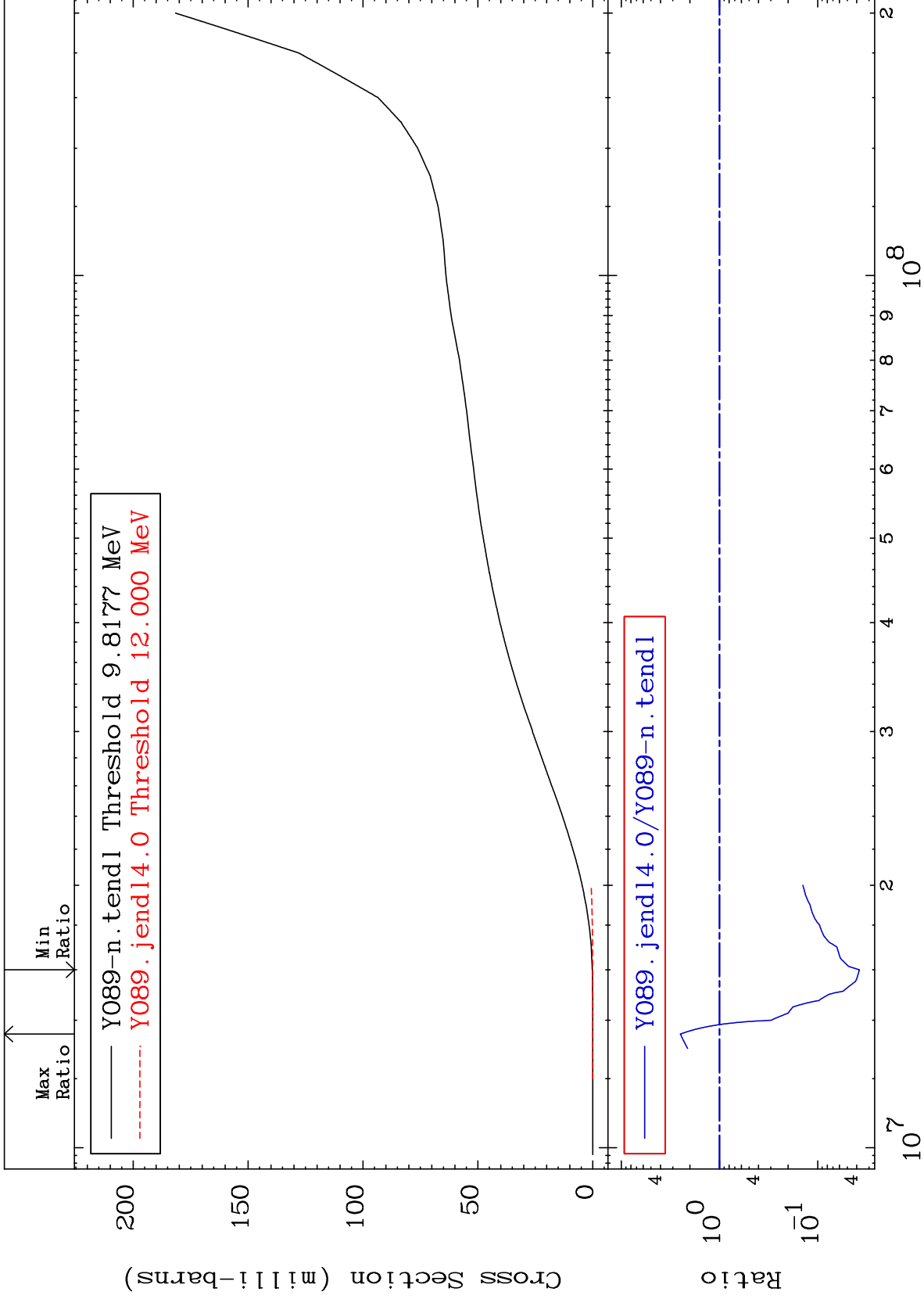
(n,  $\alpha$ )  
Cross Section

39-Y -89  
-87.29 To 52.69 %





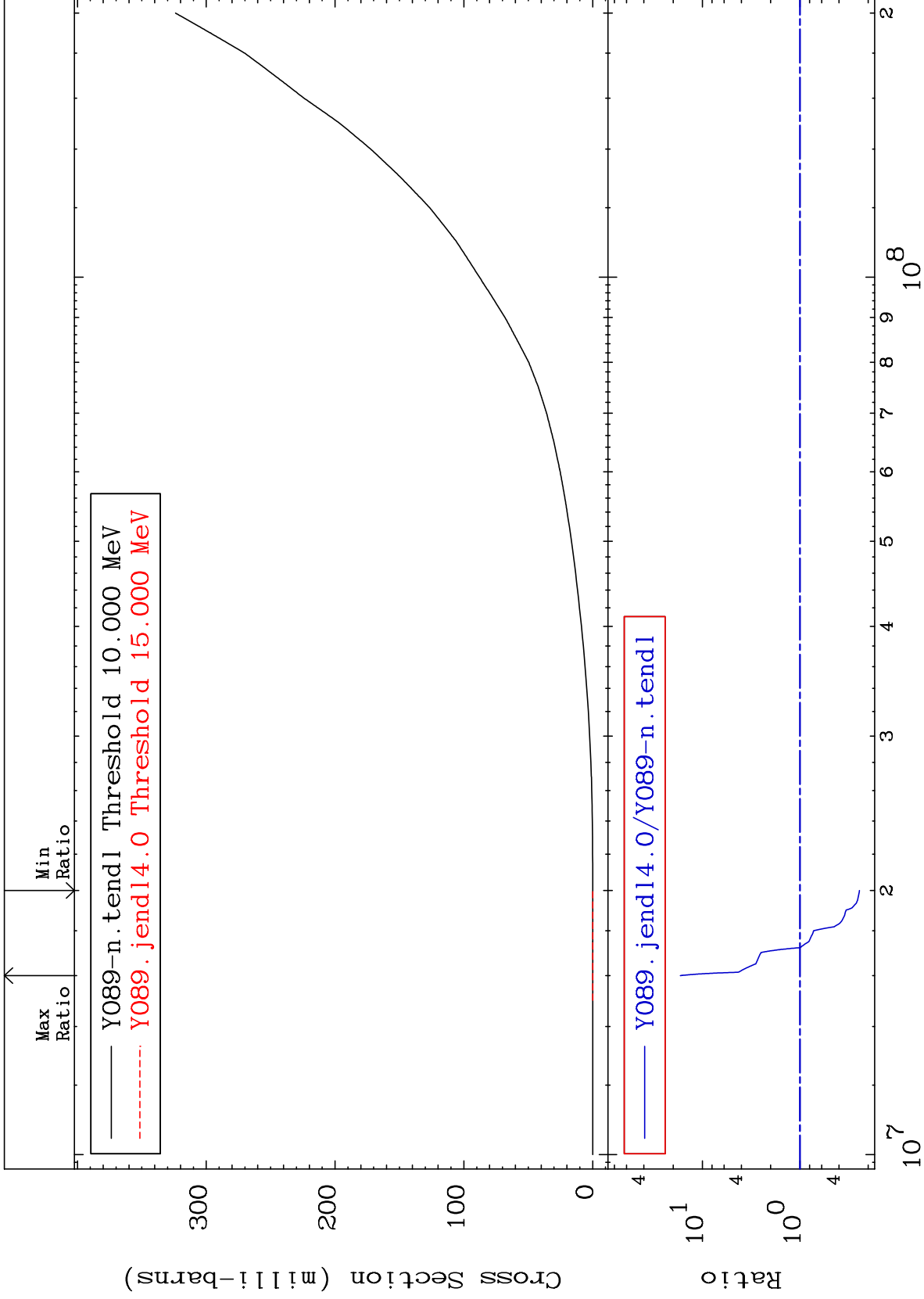




MAT 3925

He-3 Production  
Cross Section

39-Y -89  
-75.37 To 1587. %



48

Incident Energy (eV)

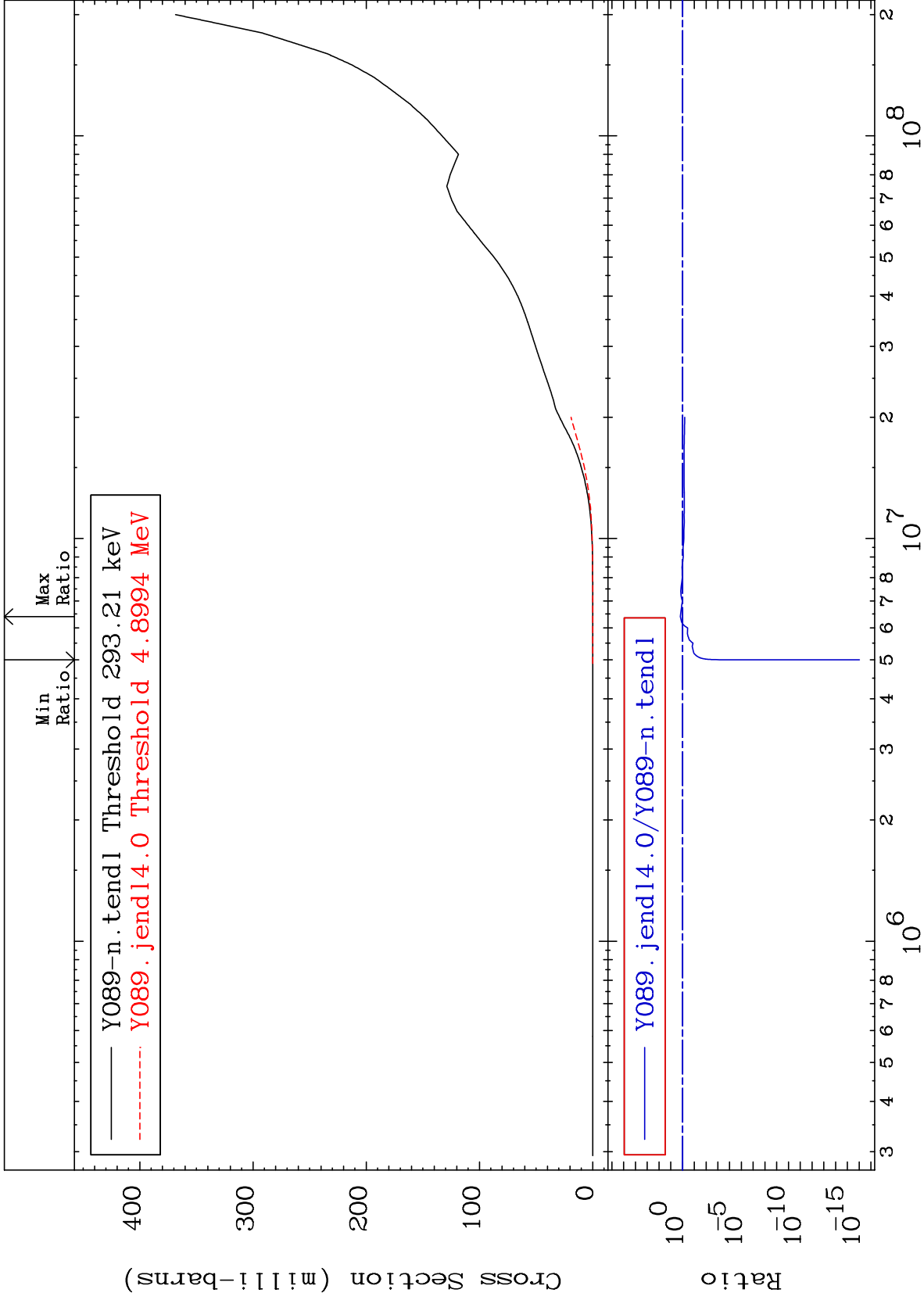
39-Y -89

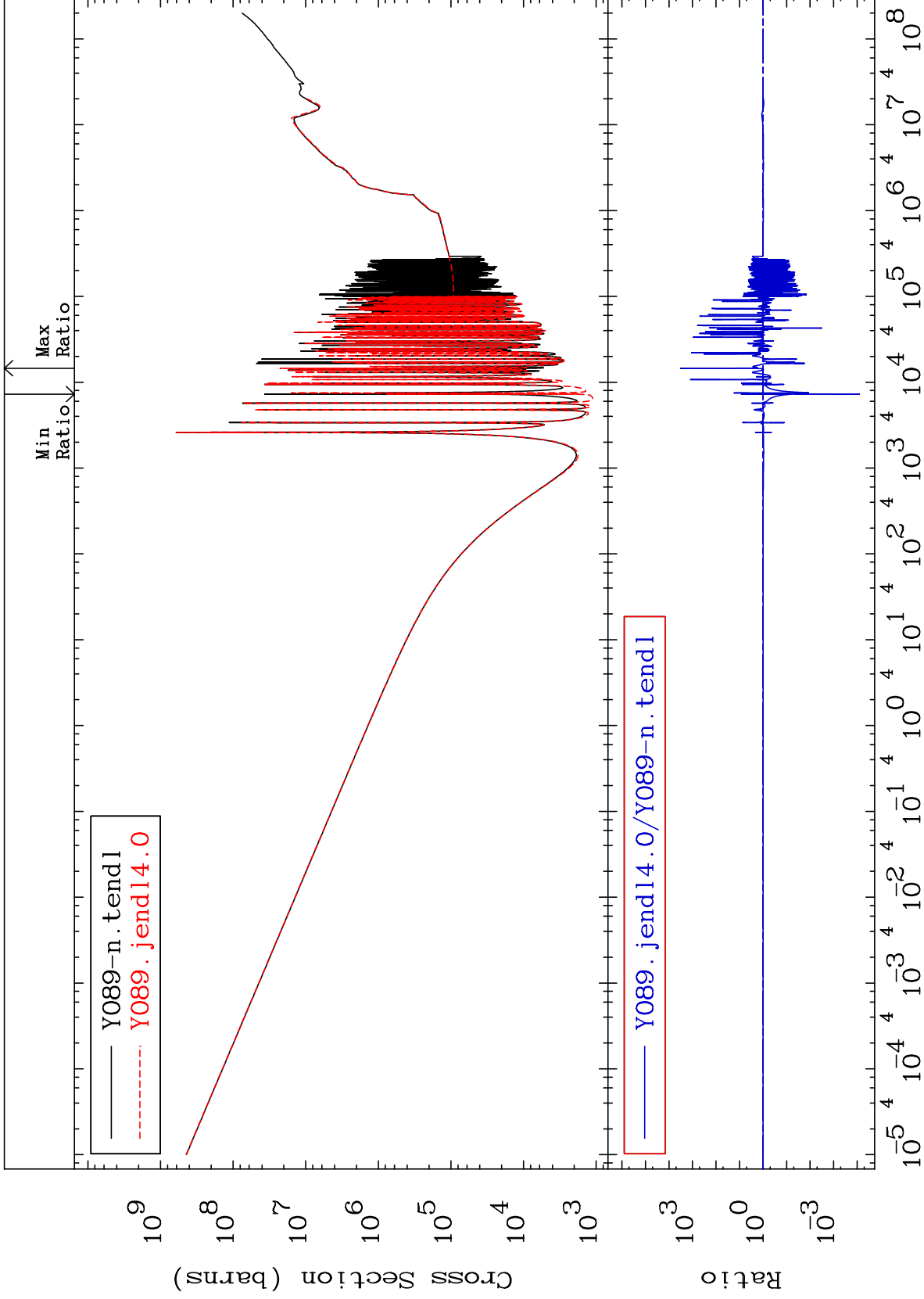


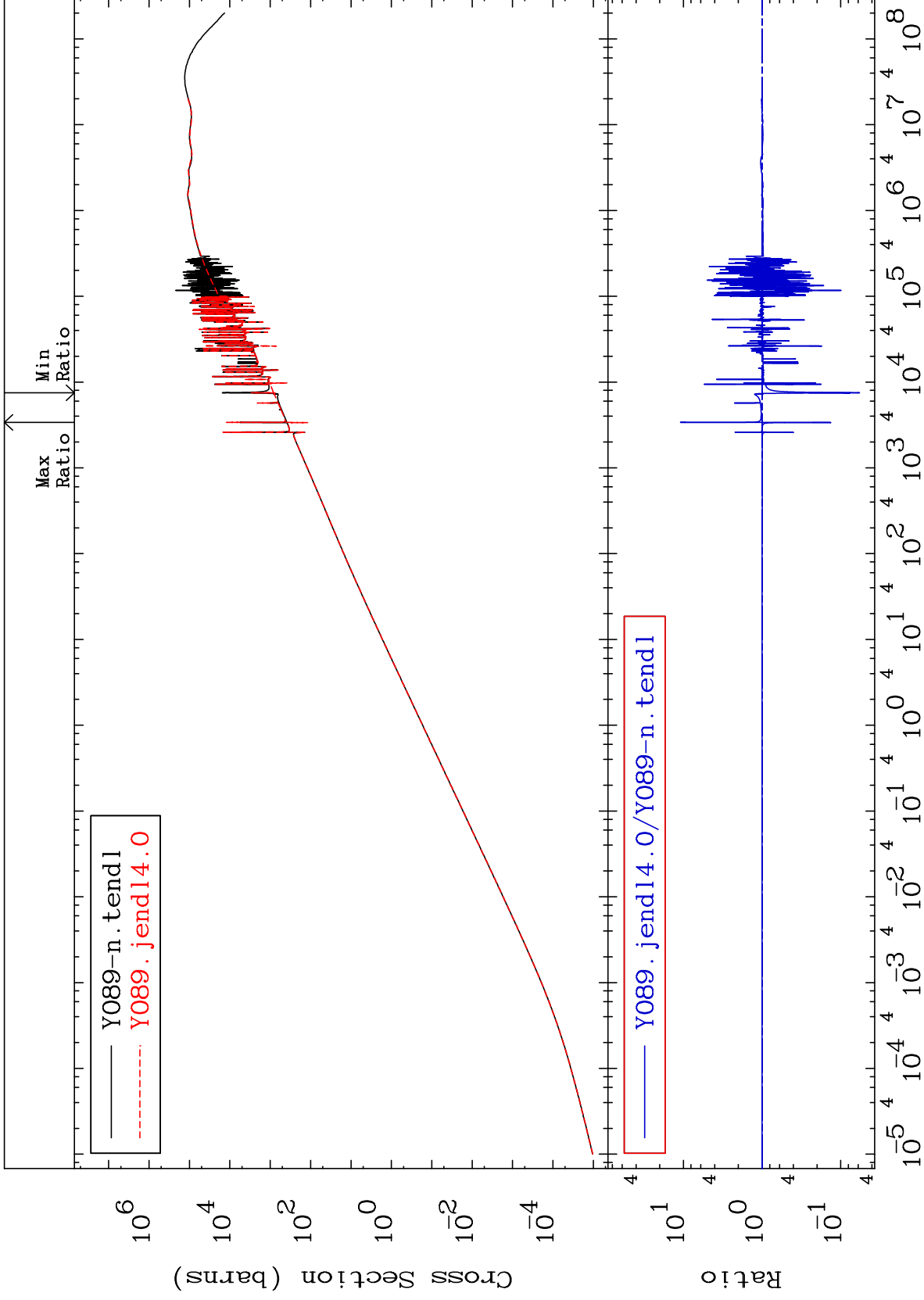
MAT 3925

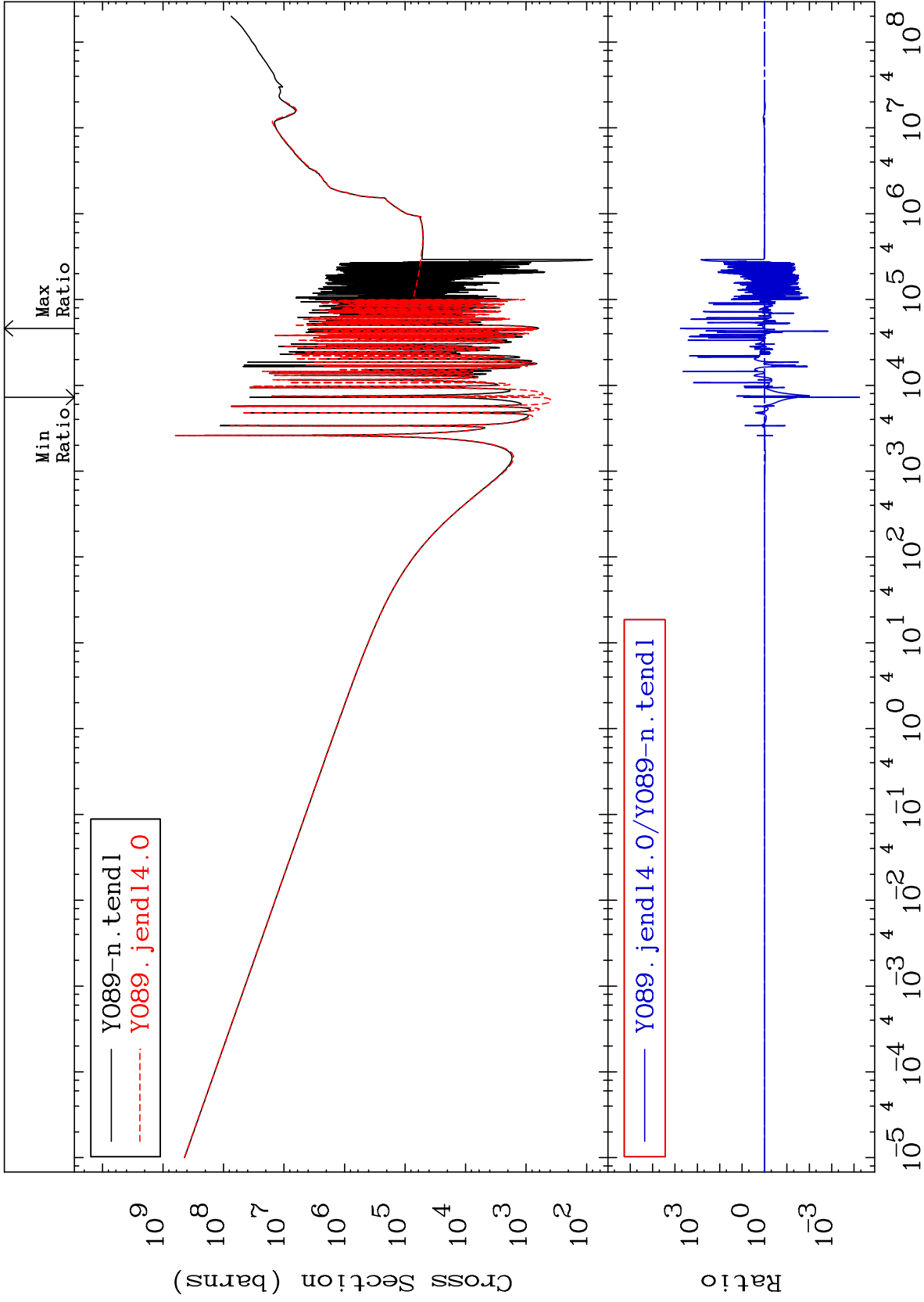
He-4 Production  
Cross Section

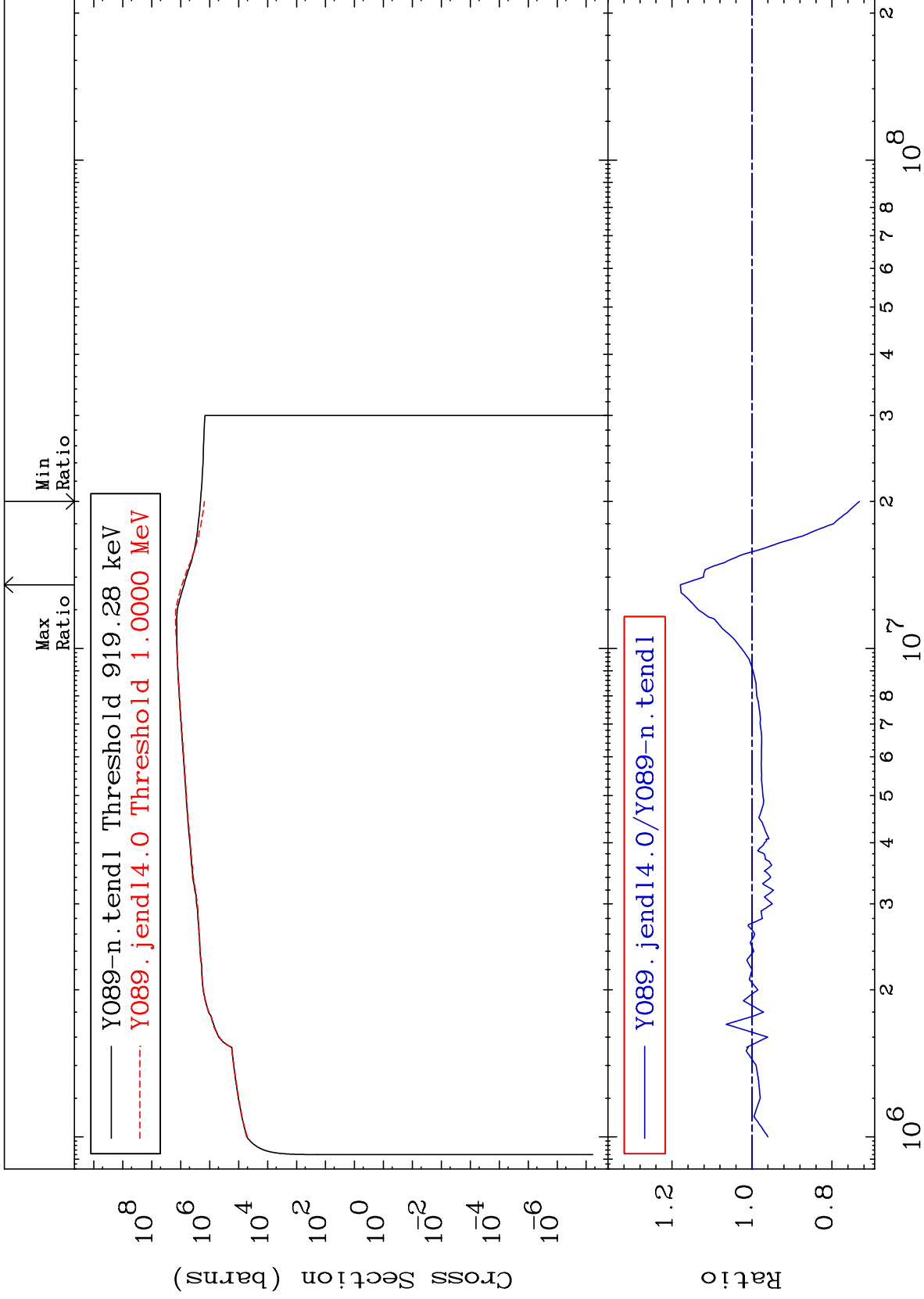
39-Y -89  
-100.0 To 52.69 %

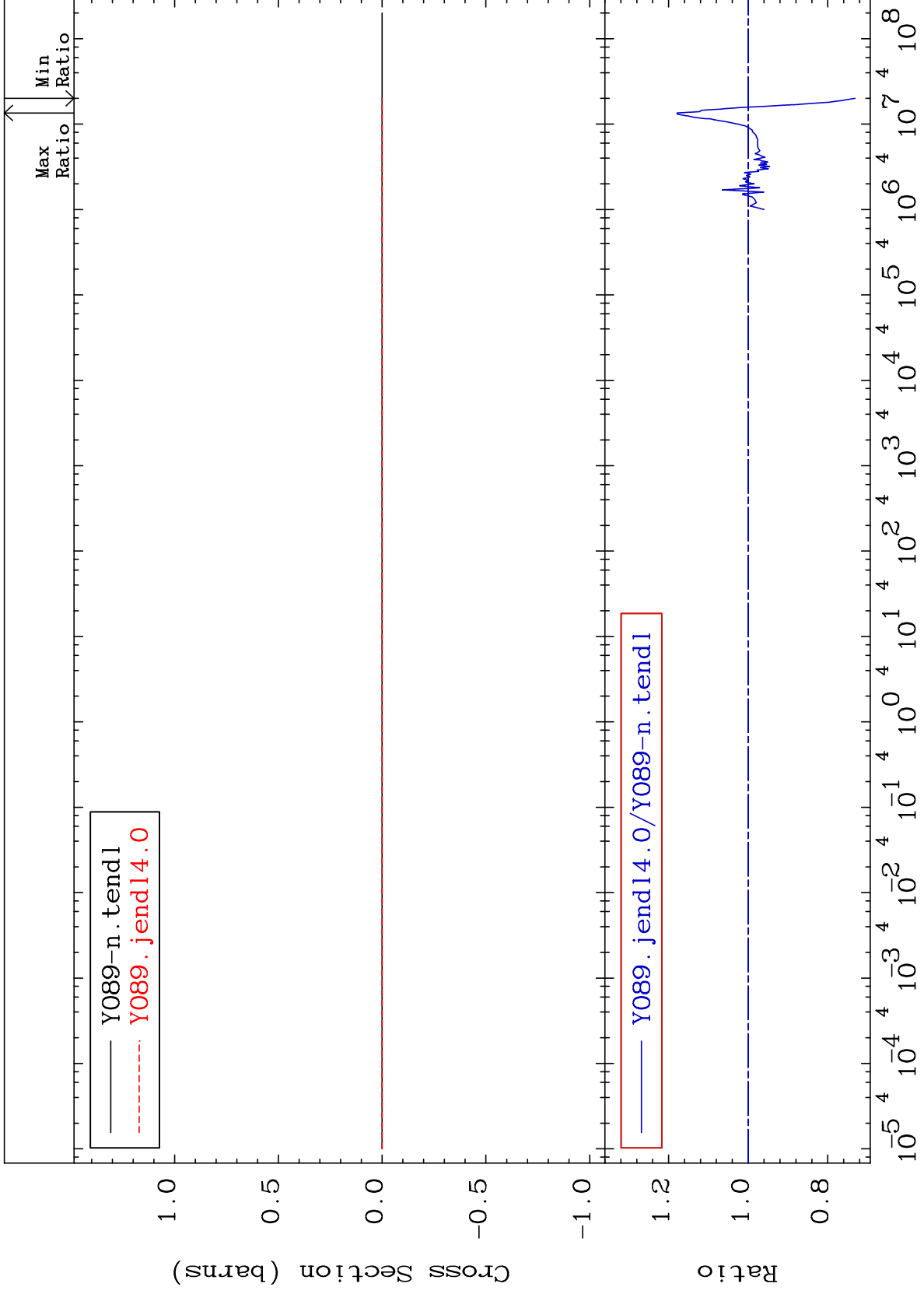


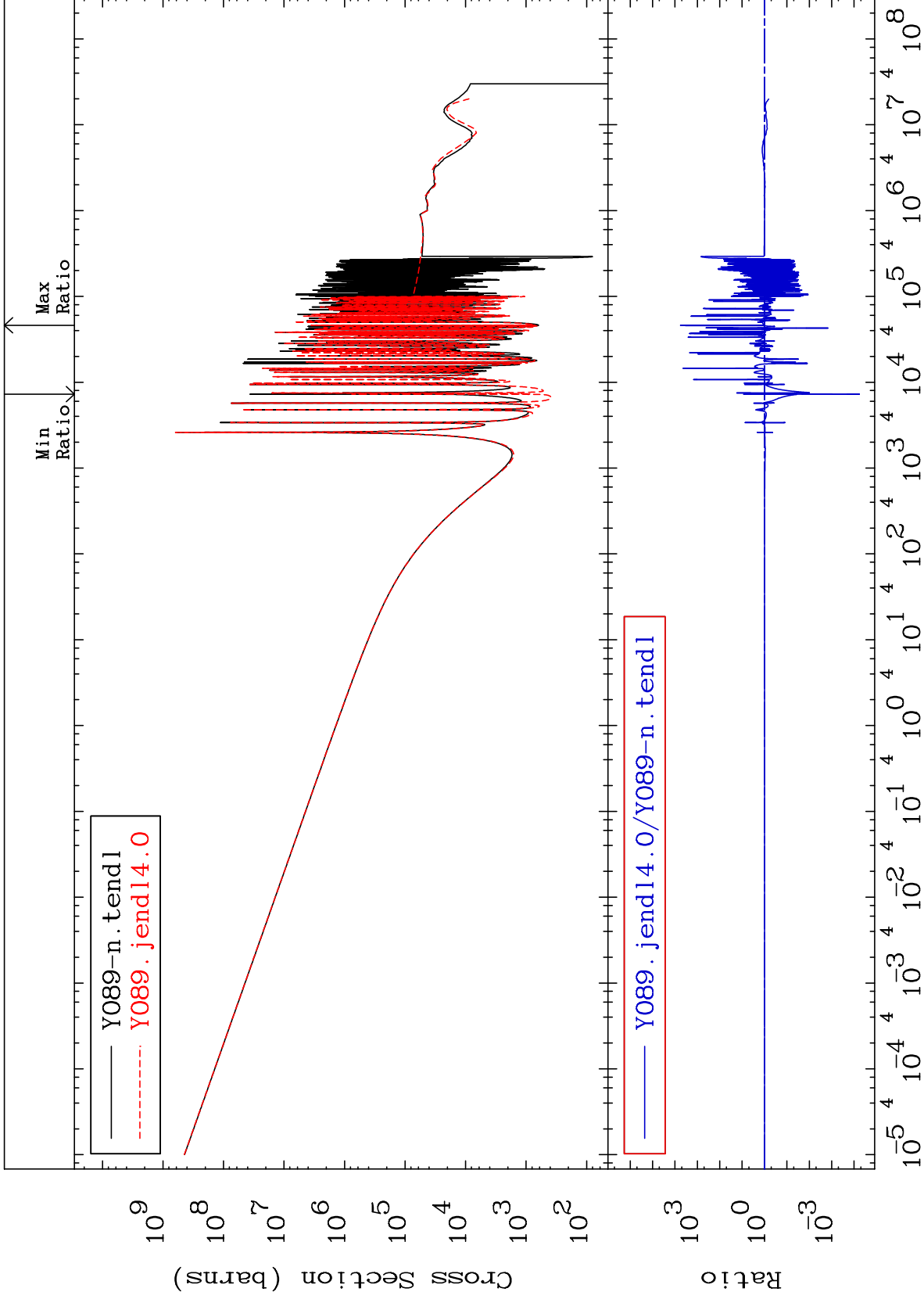


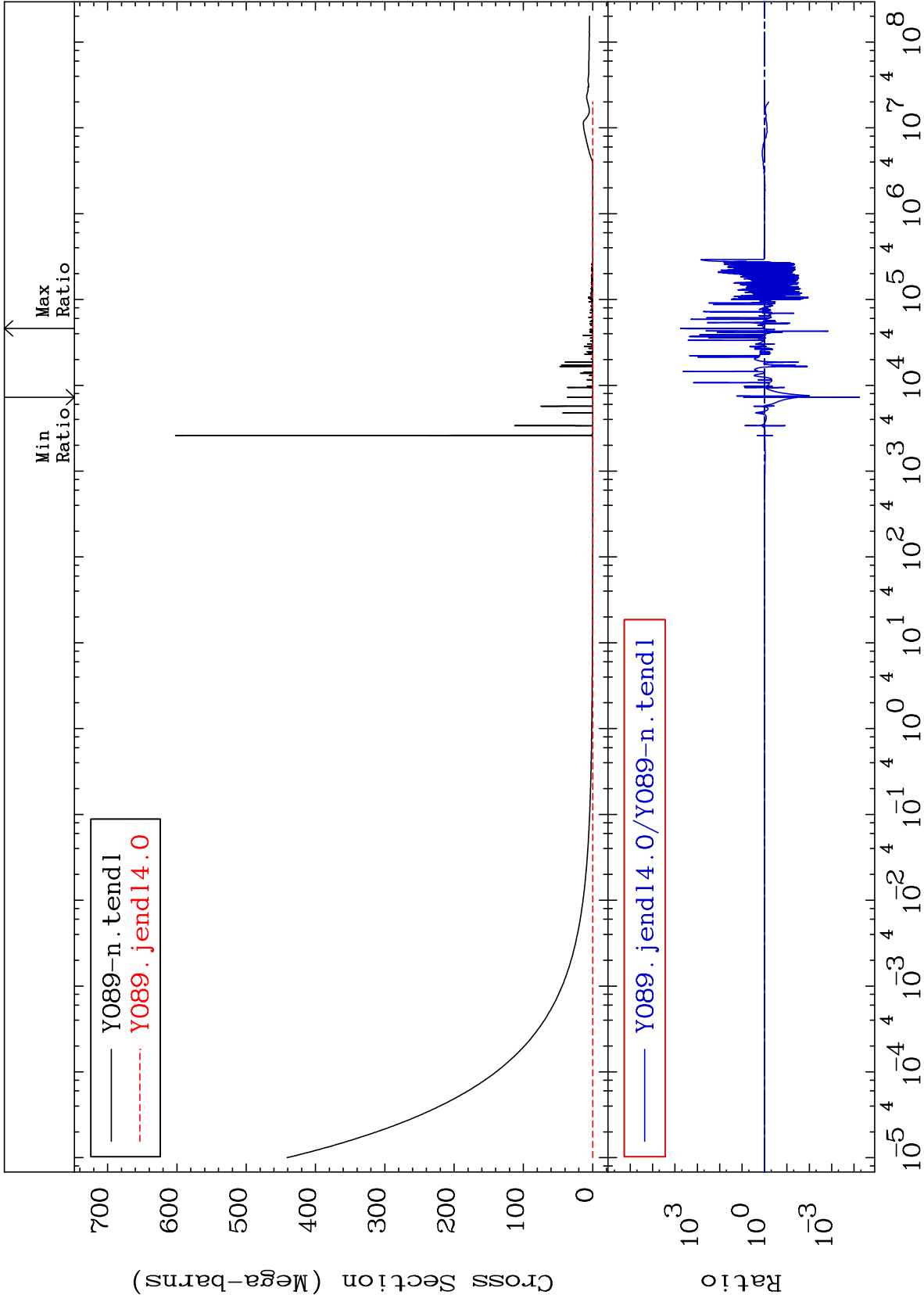




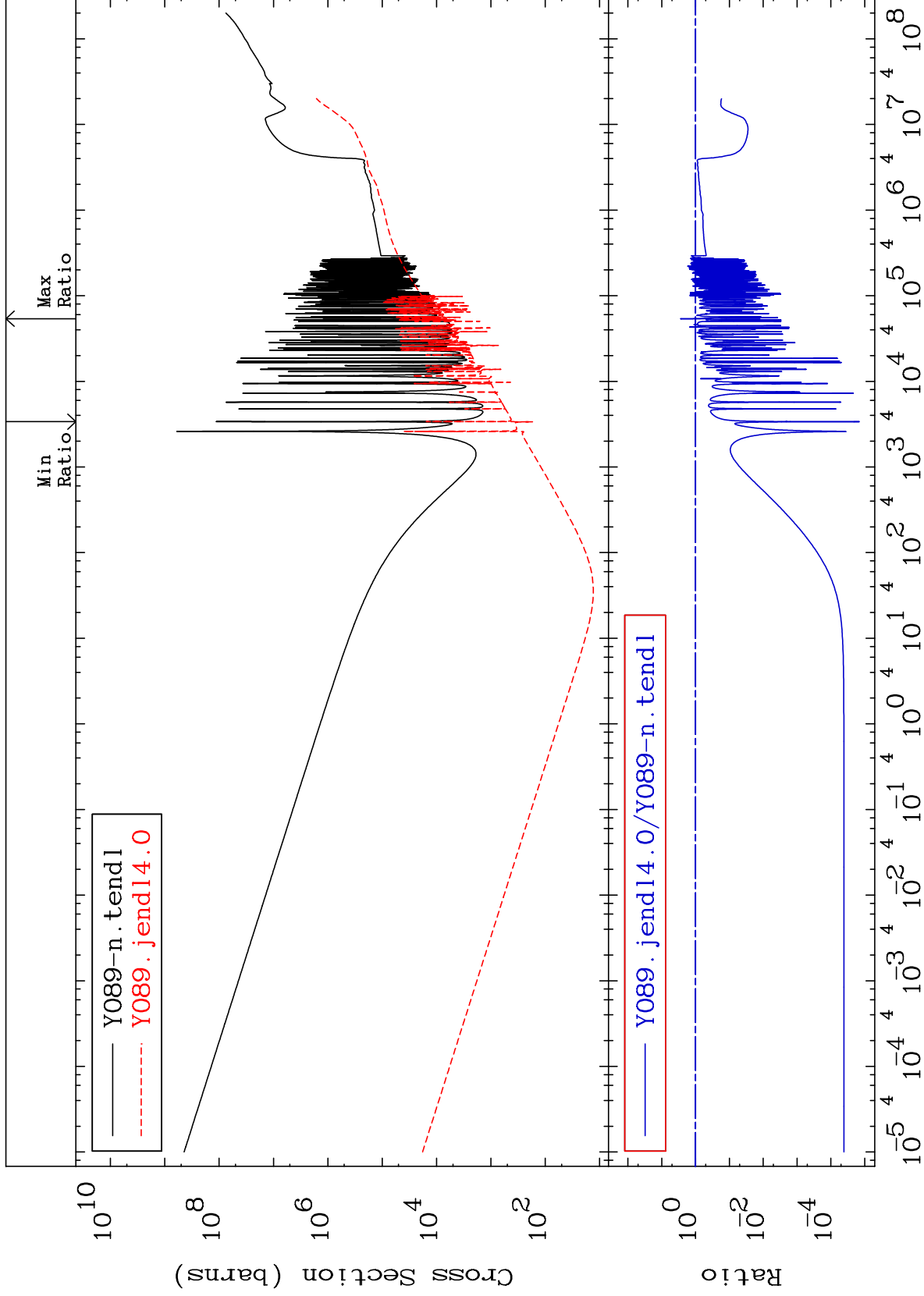


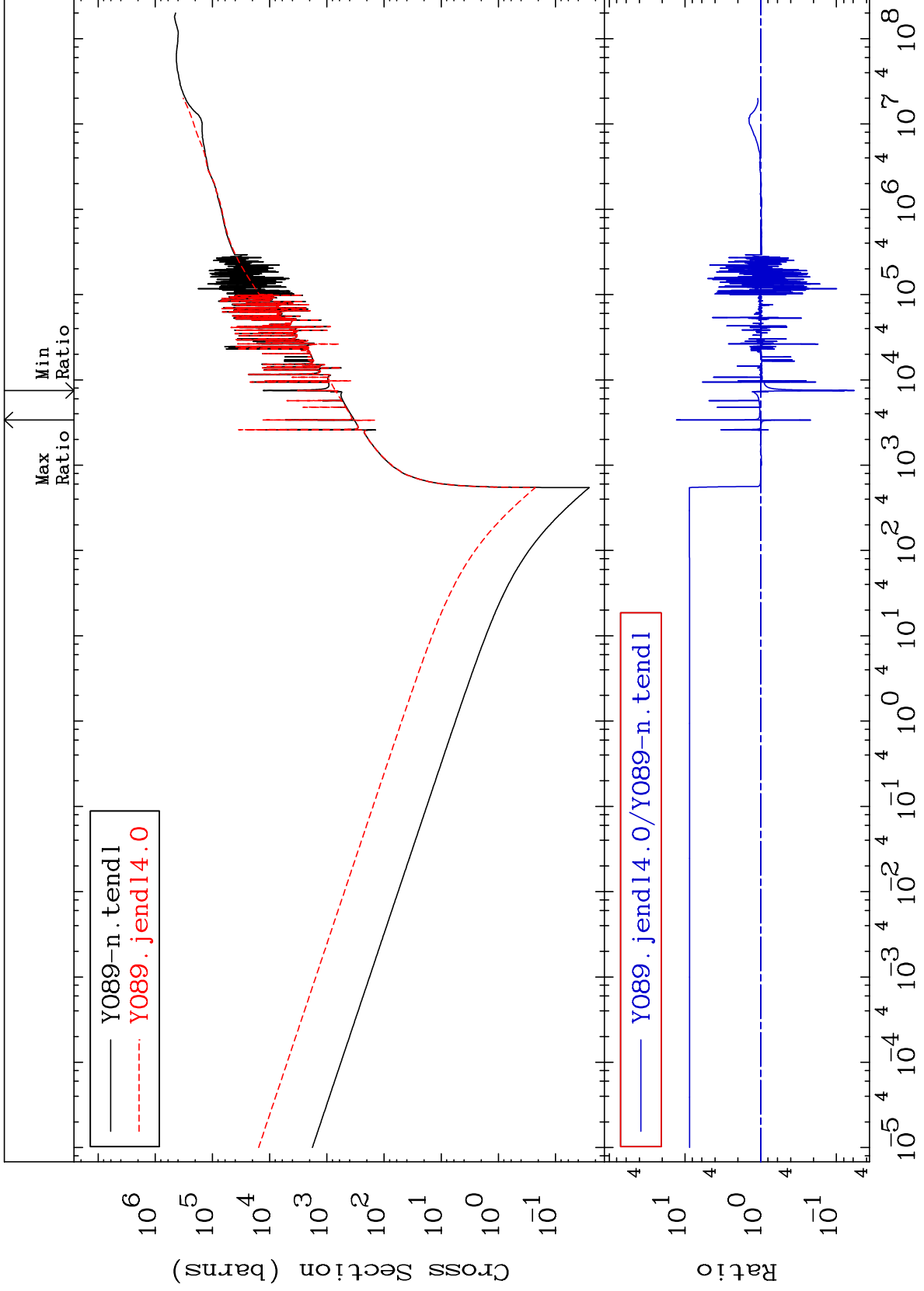


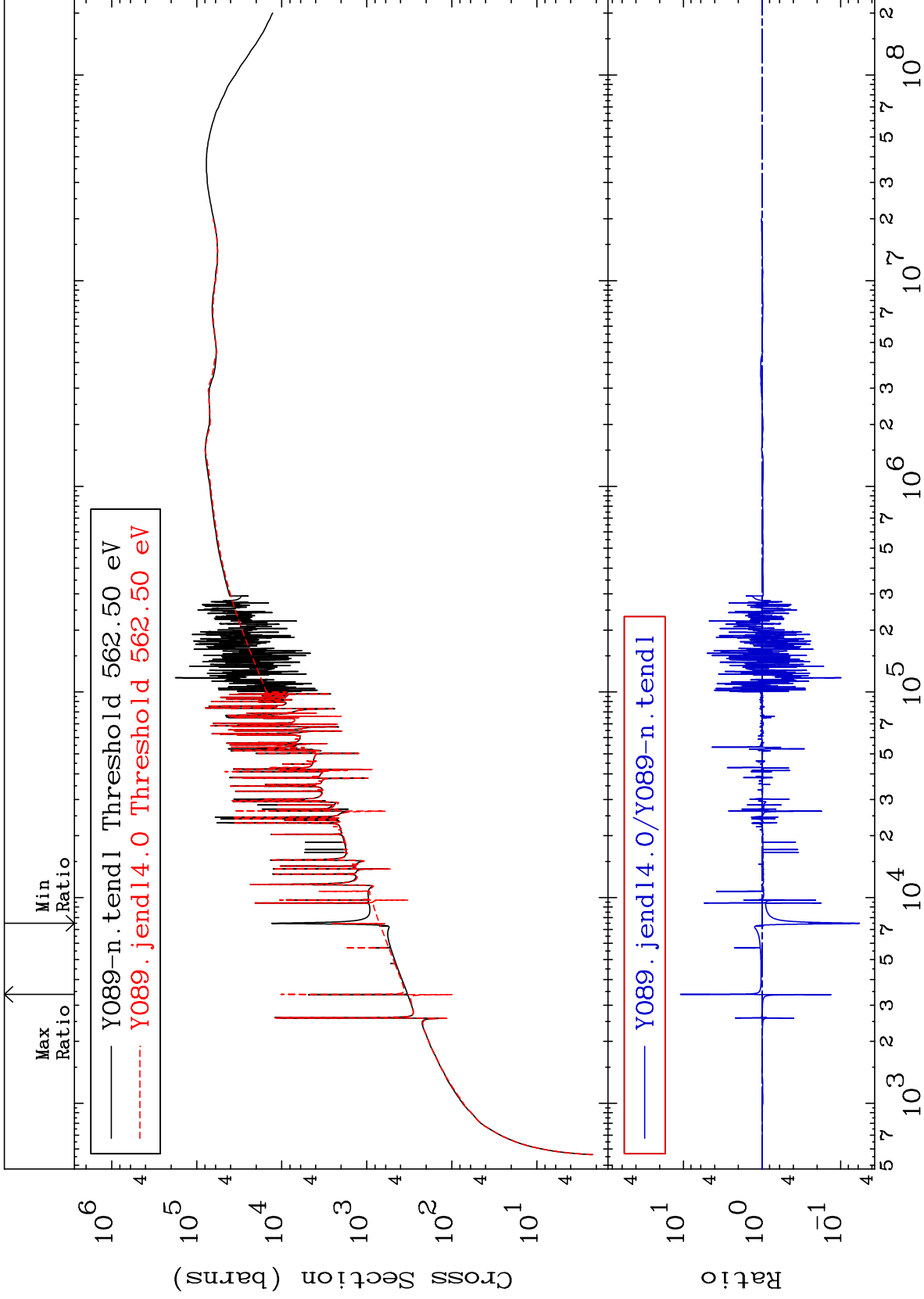








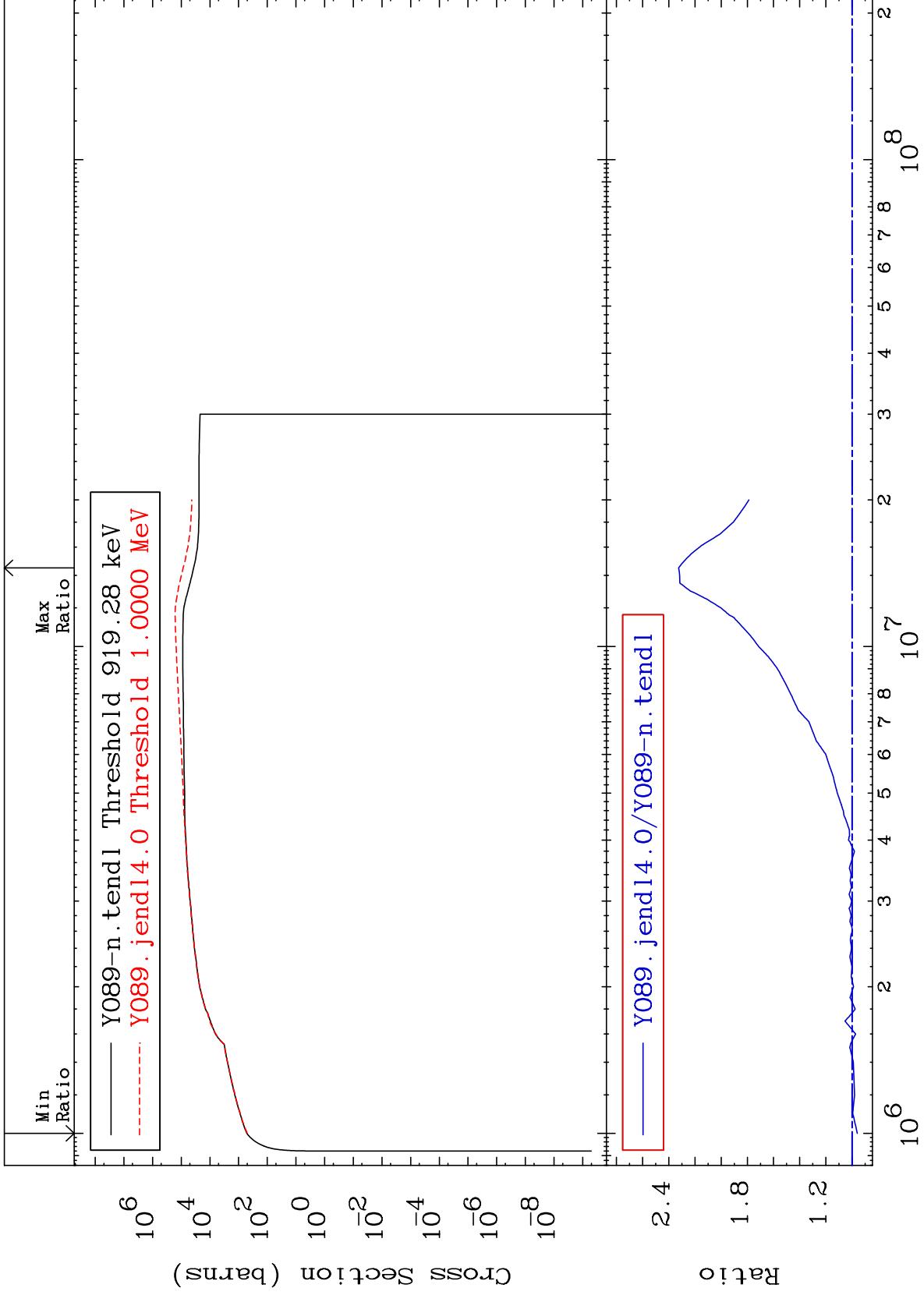




MAT 3925

Dpa inelastic (mt51-91)  
Cross Section

39-Y -89  
-3.987 To 132.5 %



60

Incident Energy (eV)

39-Y -89

