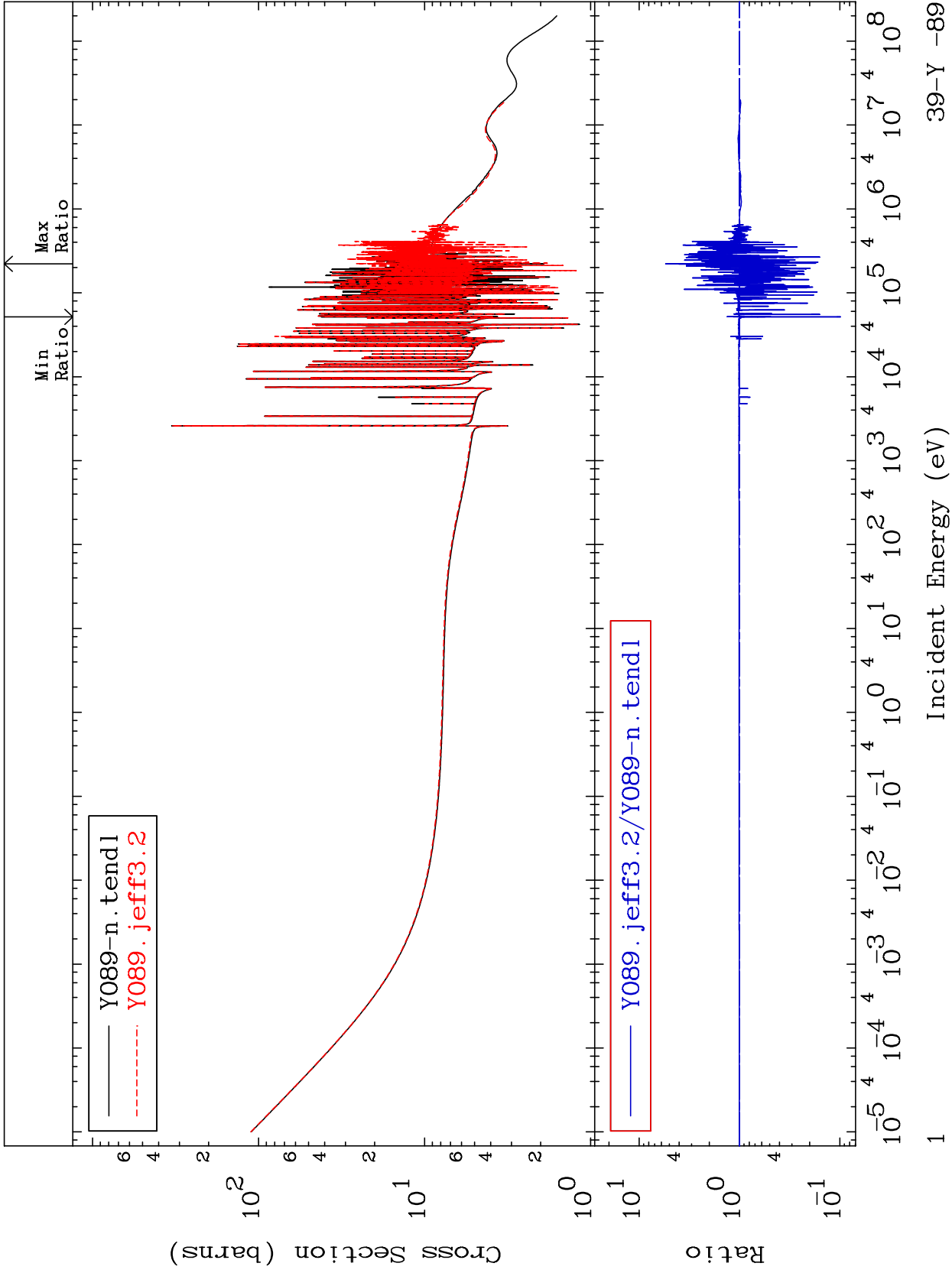


MAT 3925

Total  
Cross Section

39-Y -89  
-90.19 To 445.5 %



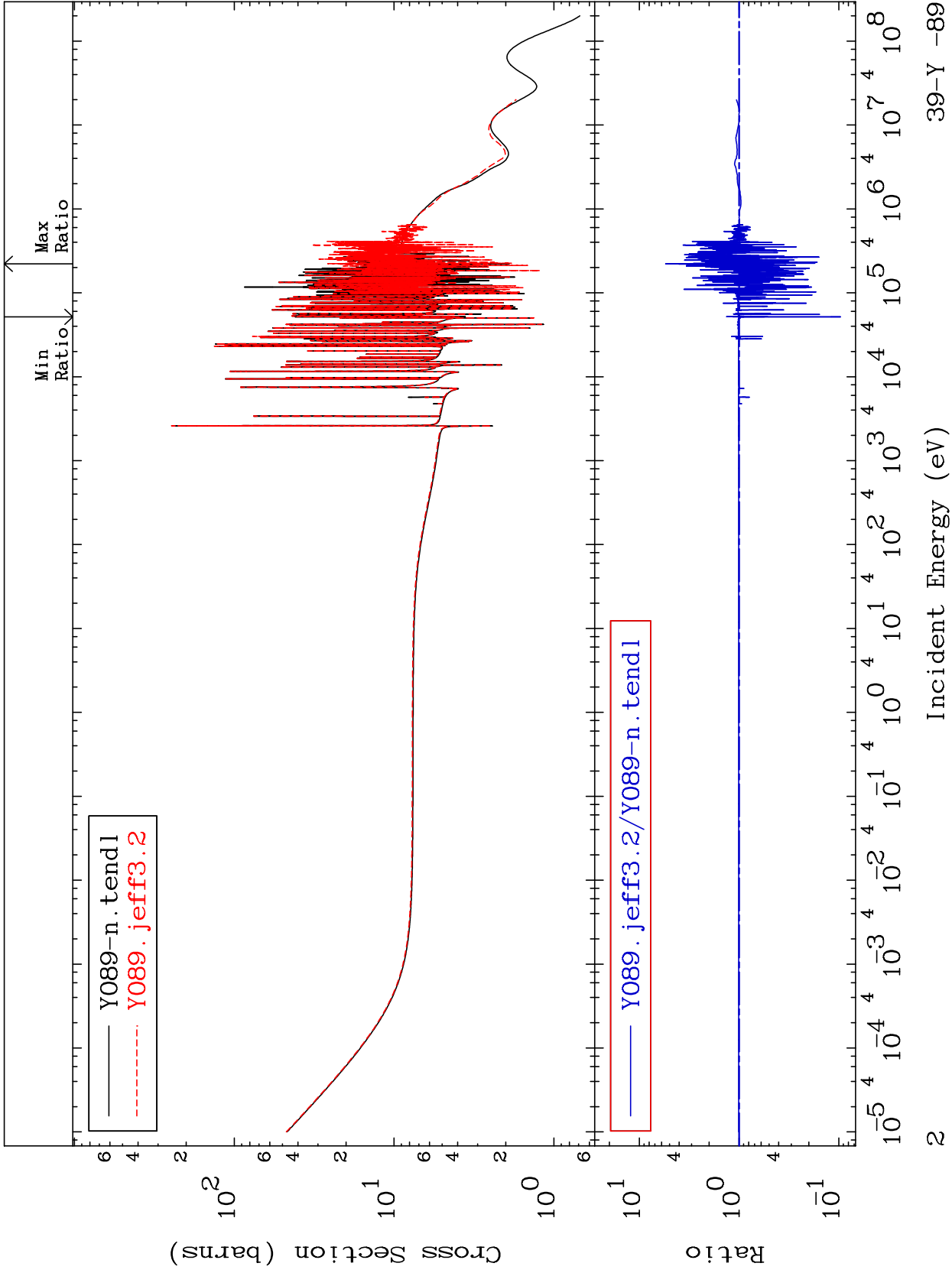
Incident Energy (eV)

39-Y -89

MAT 3925

Elastic  
Cross Section

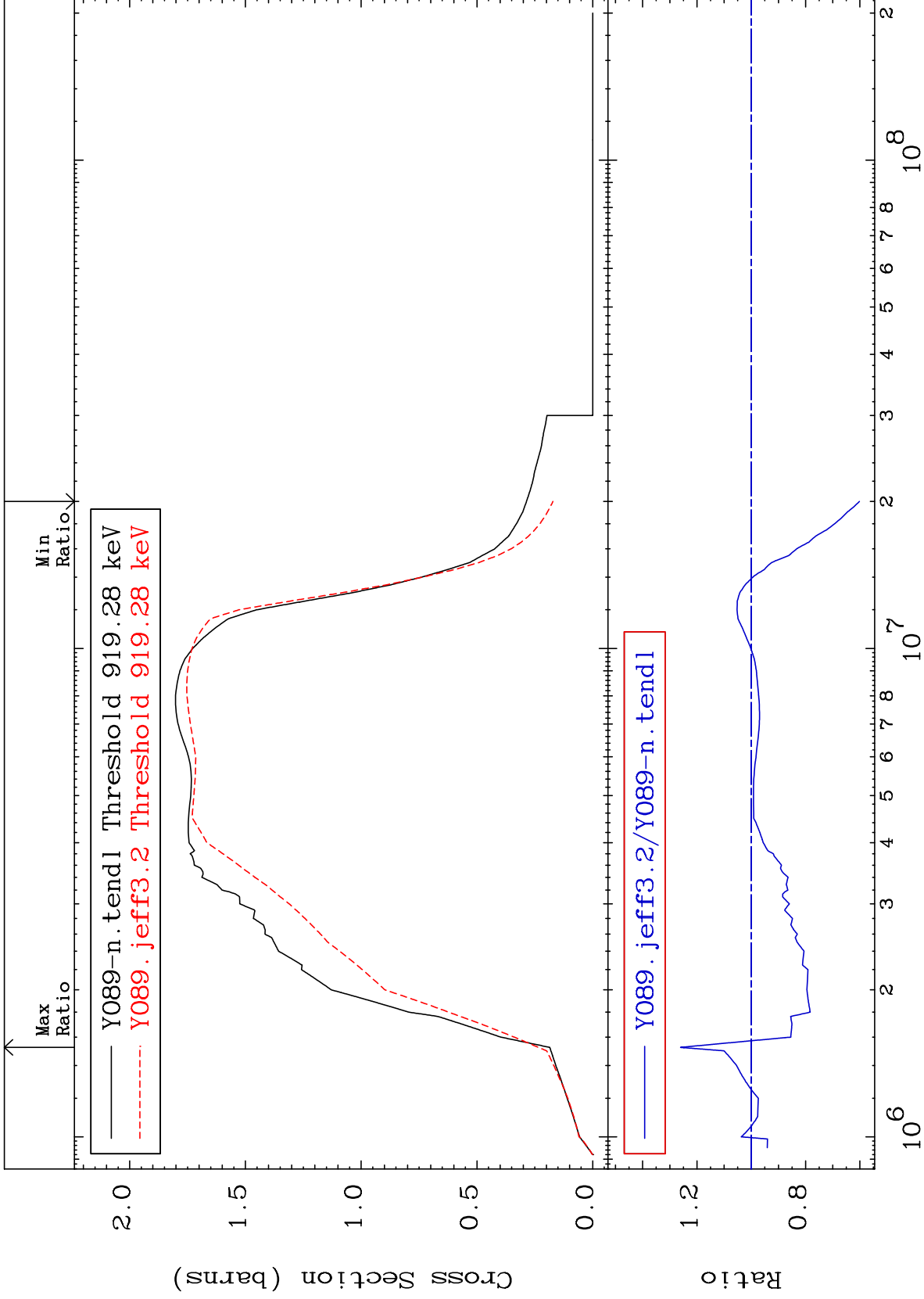
39-Y -89  
-90.43 To 447.6 %



MAT 3925

Inelastic  
Cross Section

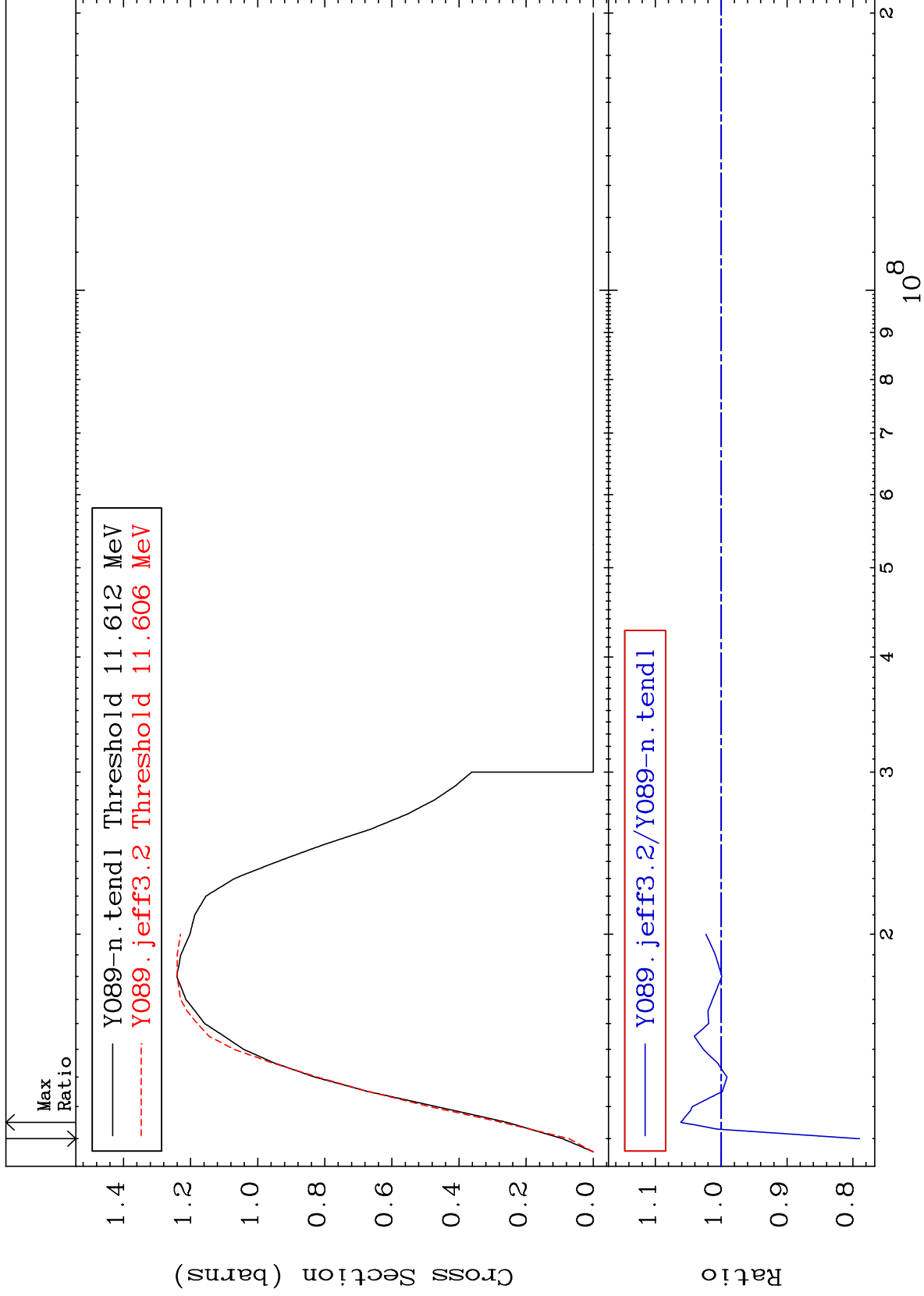
39-Y -89  
-39.83 To 26.11 %



3

Incident Energy (eV)

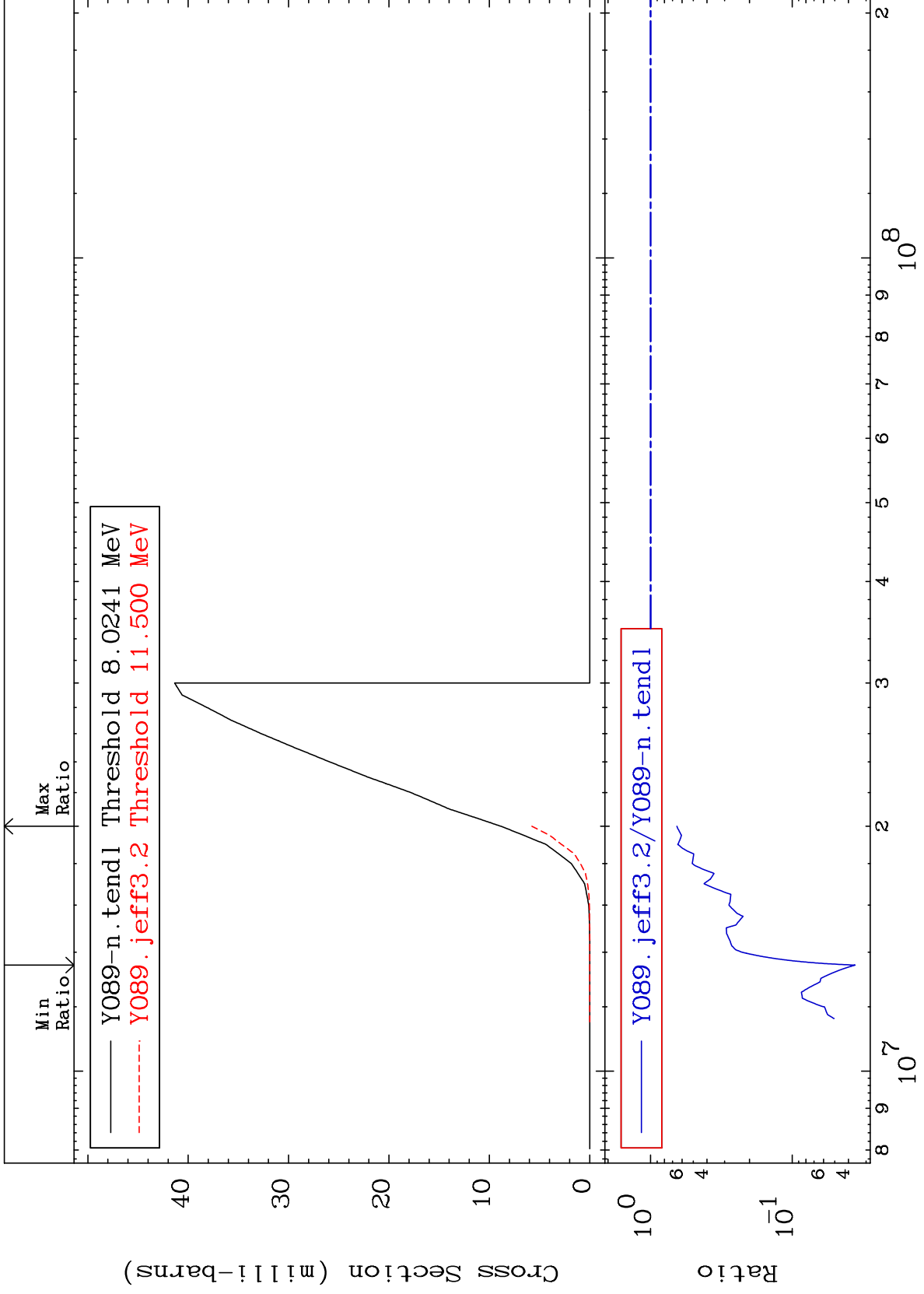
39-Y -89



MAT 3925

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

39-Y -89  
-96.41 To -34.80%



5

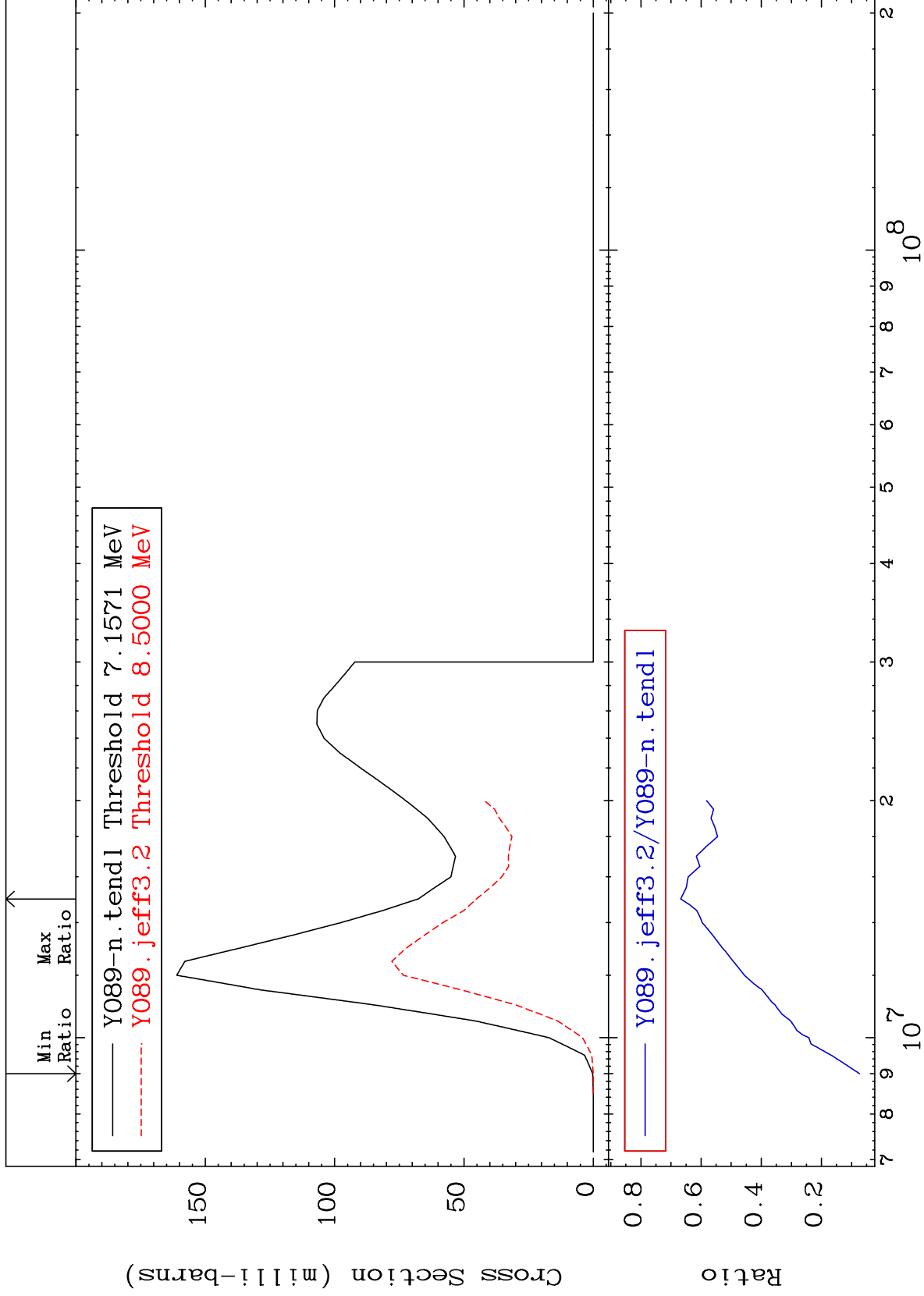
Incident Energy (eV)

39-Y -89

MAT 3925

(n,n') p  
Cross Section

39-Y -89  
-92.65 To -33.24%



6

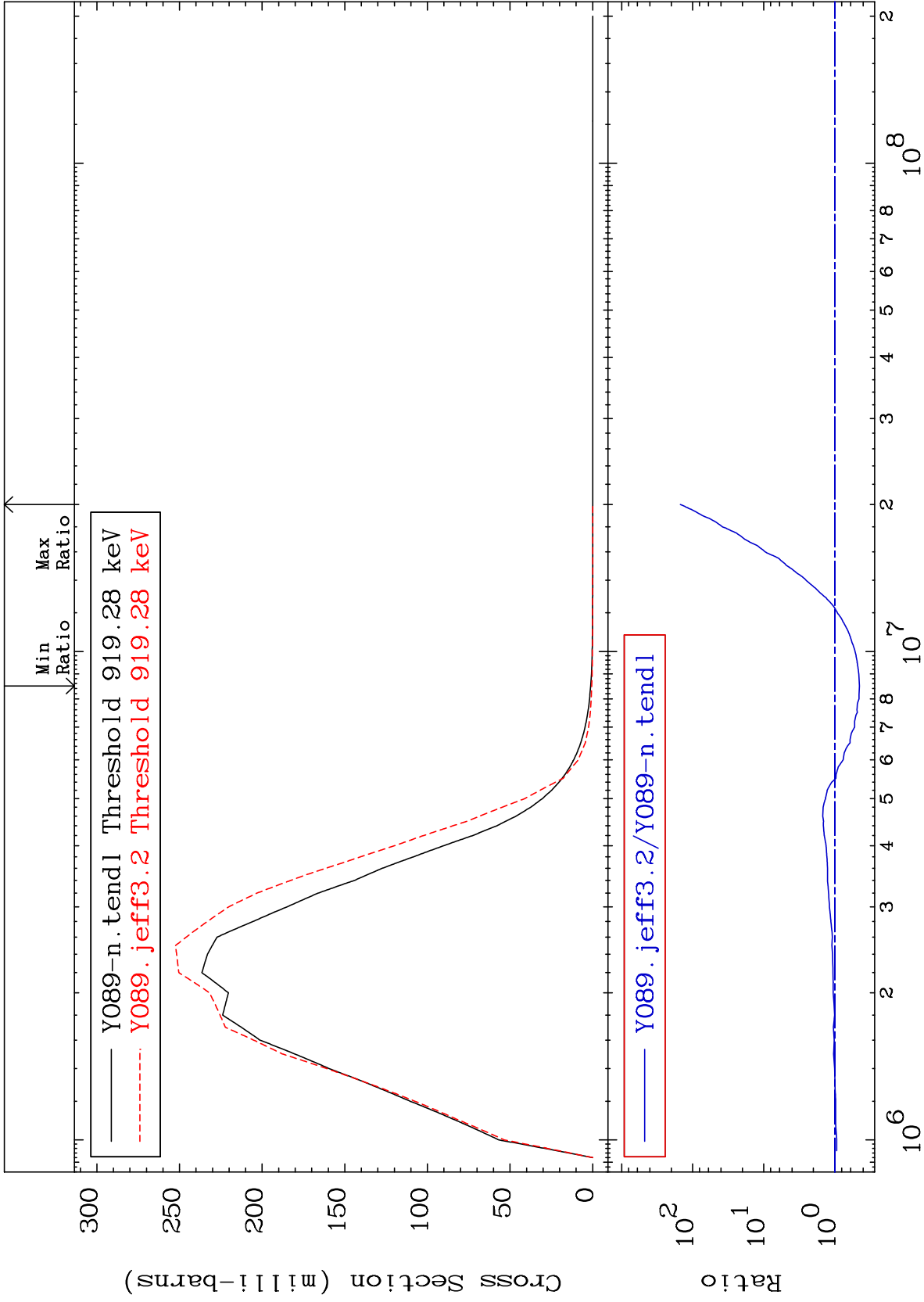
Incident Energy (eV)

39-Y -89

MAT 3925

909.0 keV (n,n') Level  
Cross Section

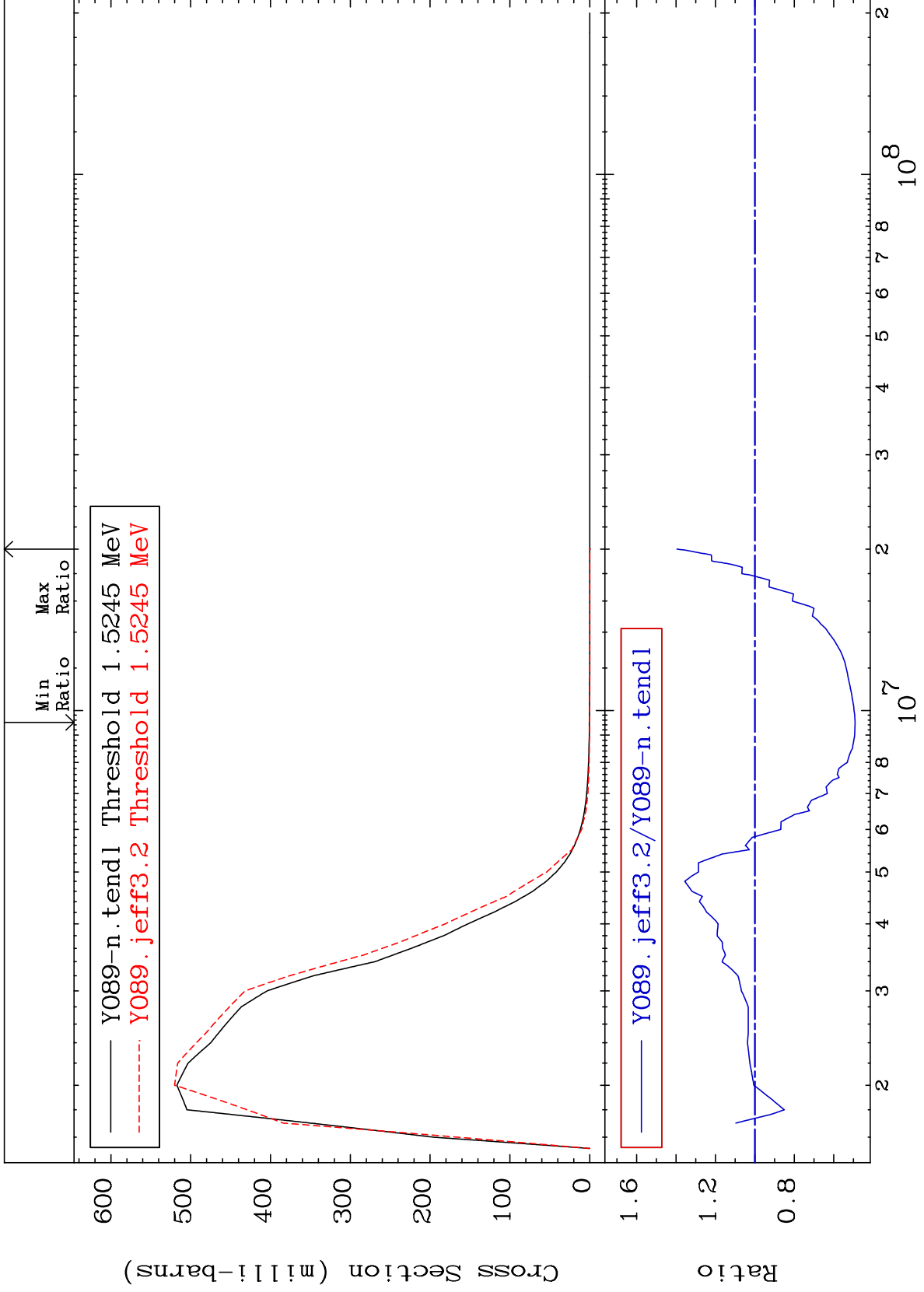
39-Y -89  
-54.95 To 9999. %



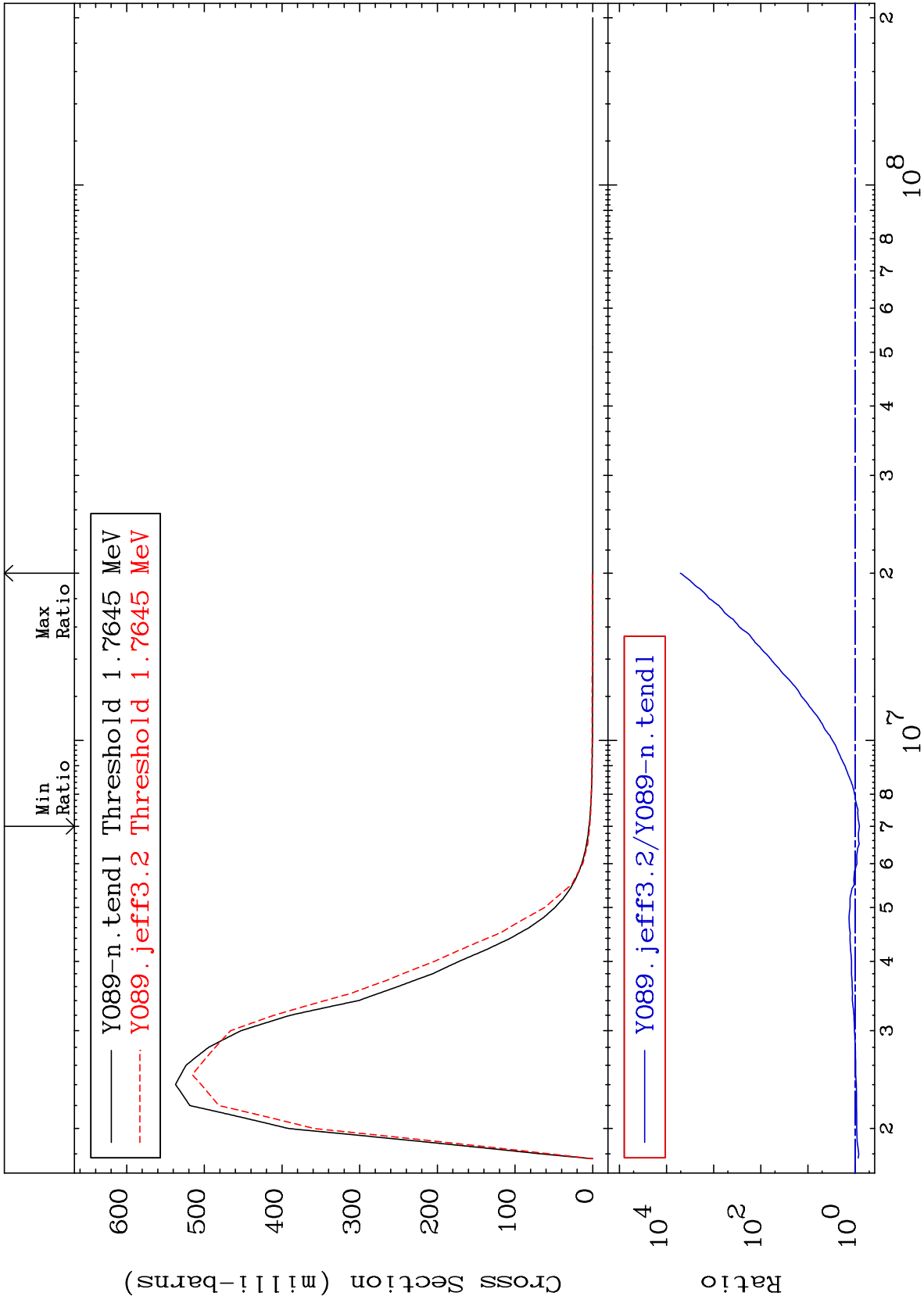
7

Incident Energy (eV)

39-Y -89



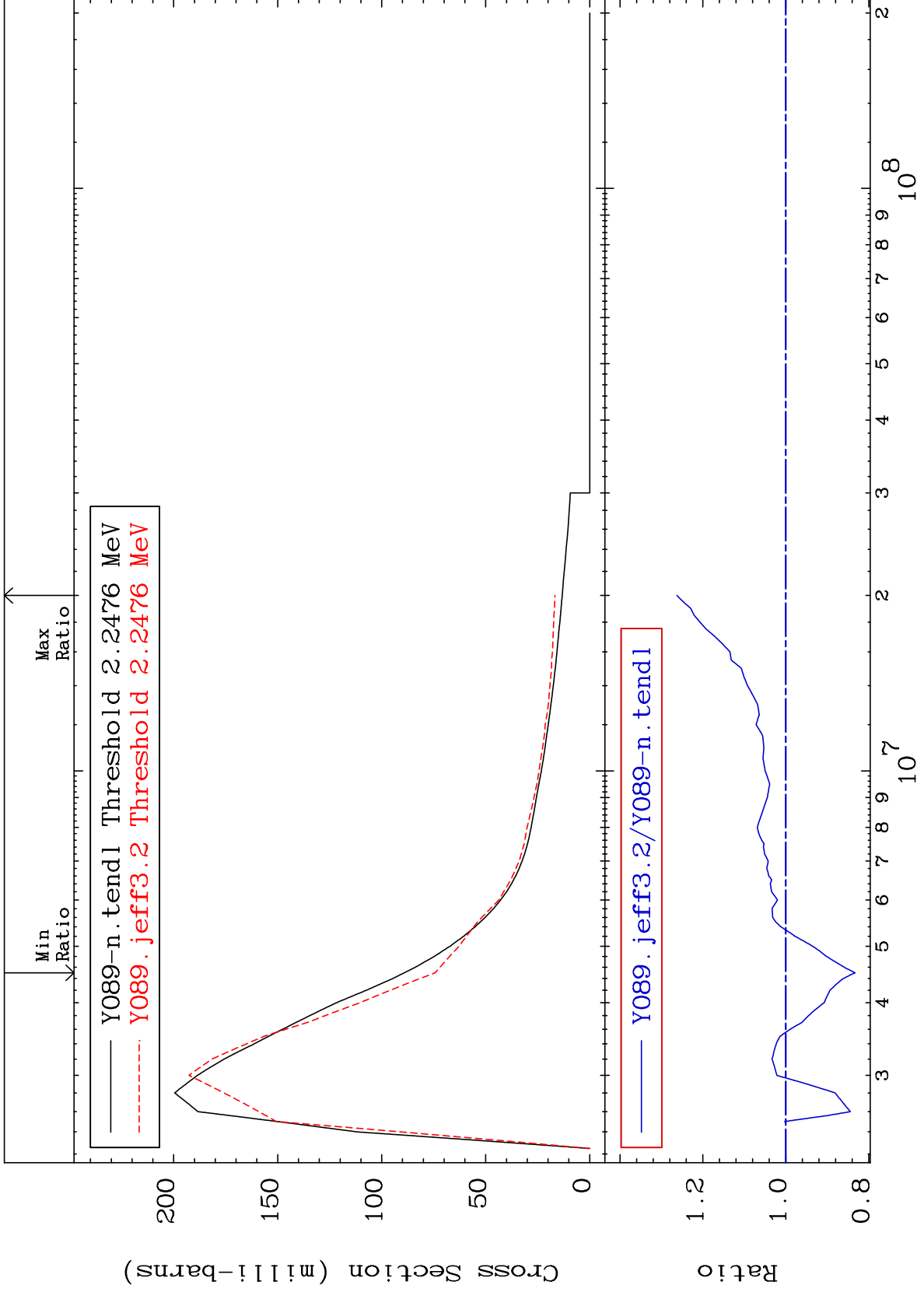




MAT 3925

2.222 MeV (n,n') Level  
Cross Section

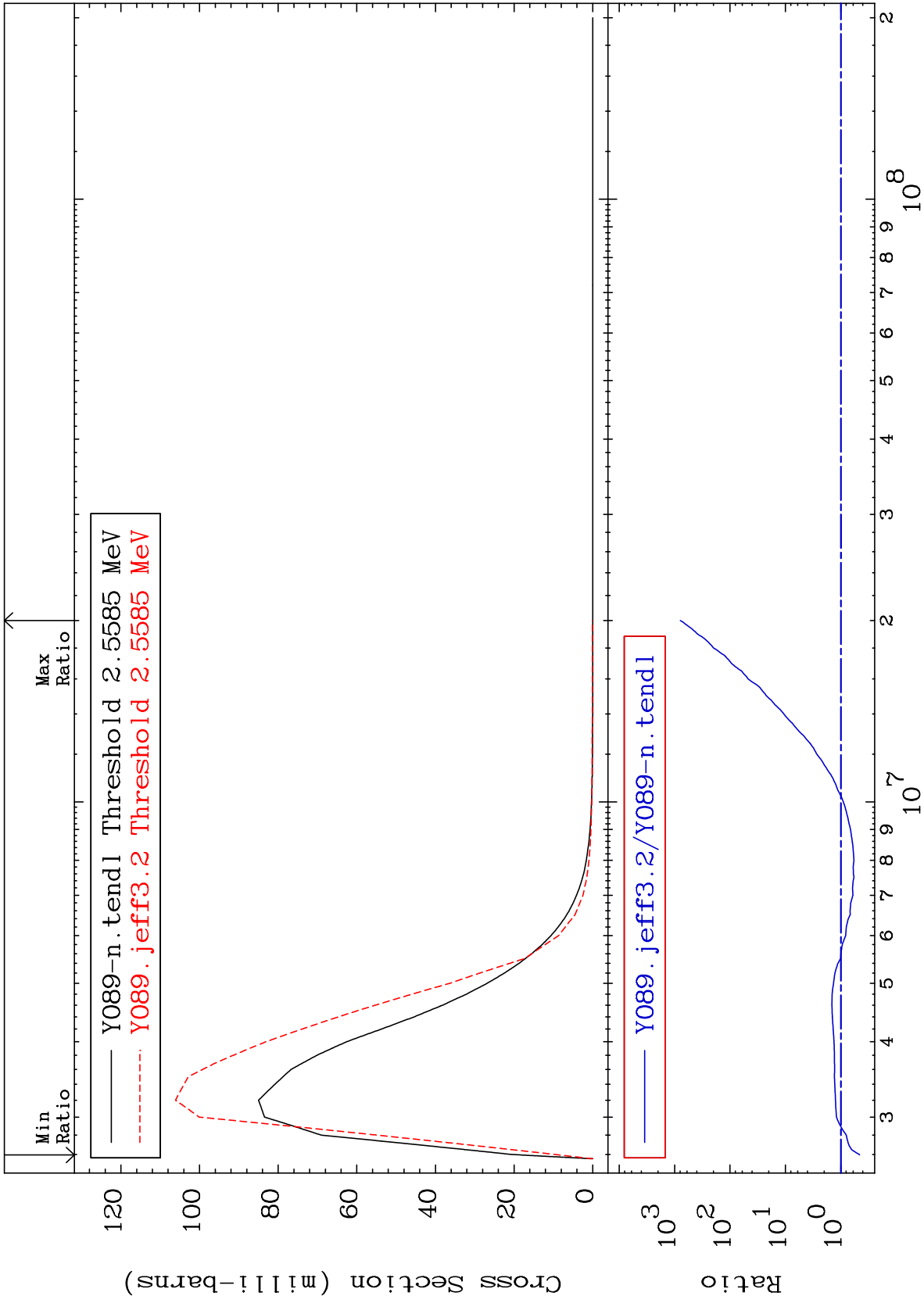
39-Y -89  
-16.71 To 26.26 %



10

Incident Energy (eV)

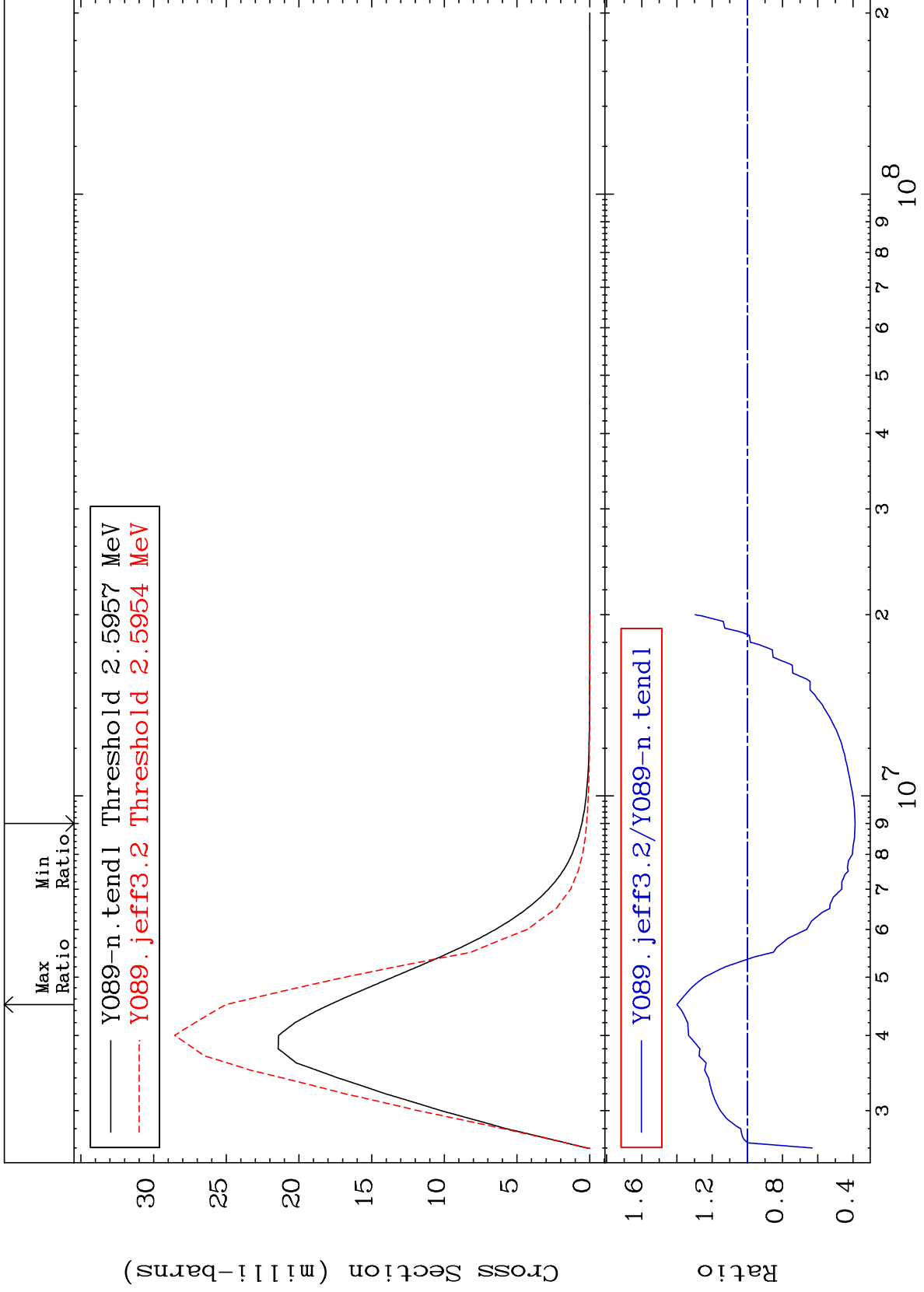
39-Y -89



MAT 3925

2.567 MeV (n,n') Level  
Cross Section

39-Y -89  
-61.20 To 40.01 %



12

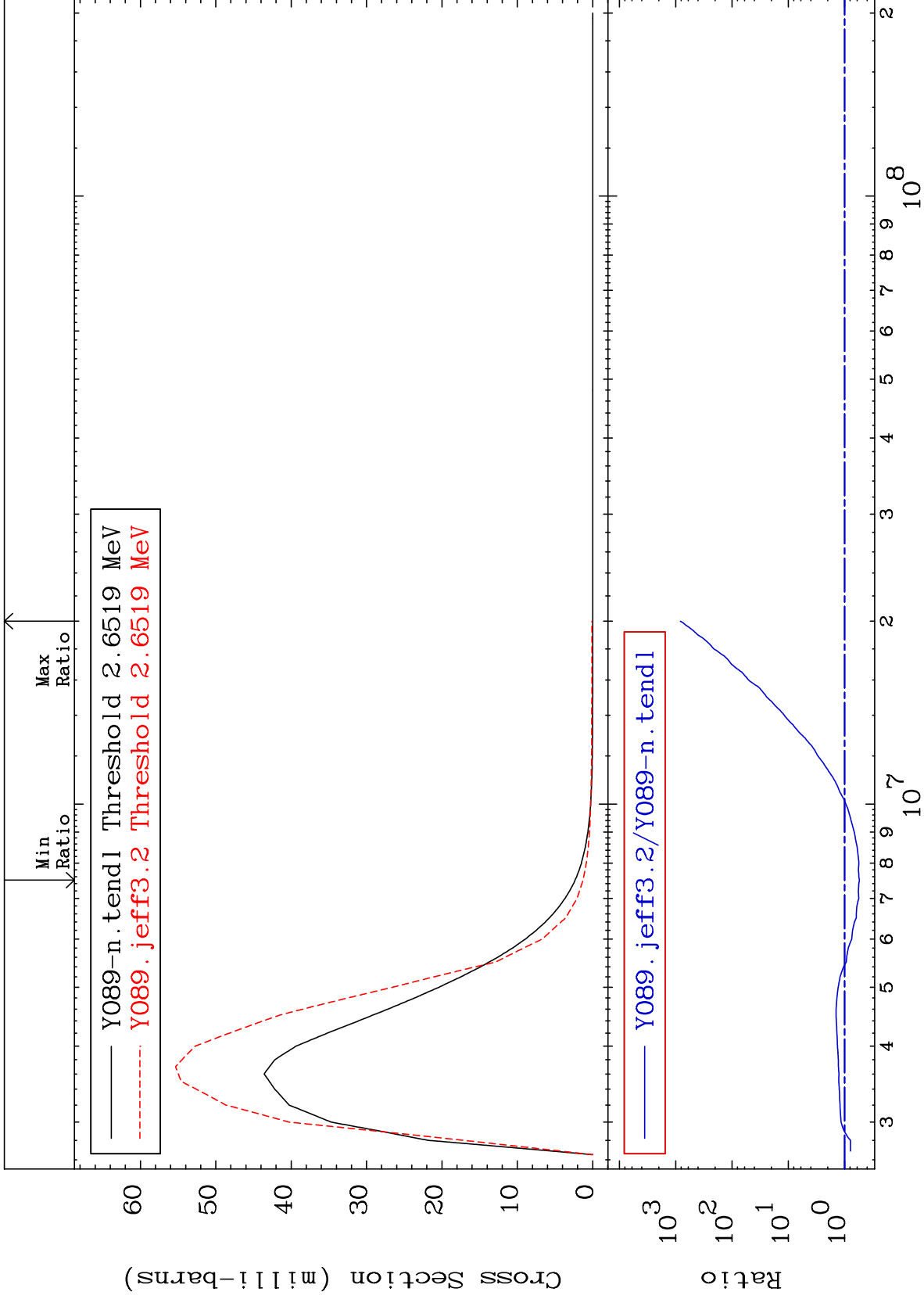
Incident Energy (eV)

39-Y -89

MAT 3925

2.622 MeV (n,n') Level  
Cross Section

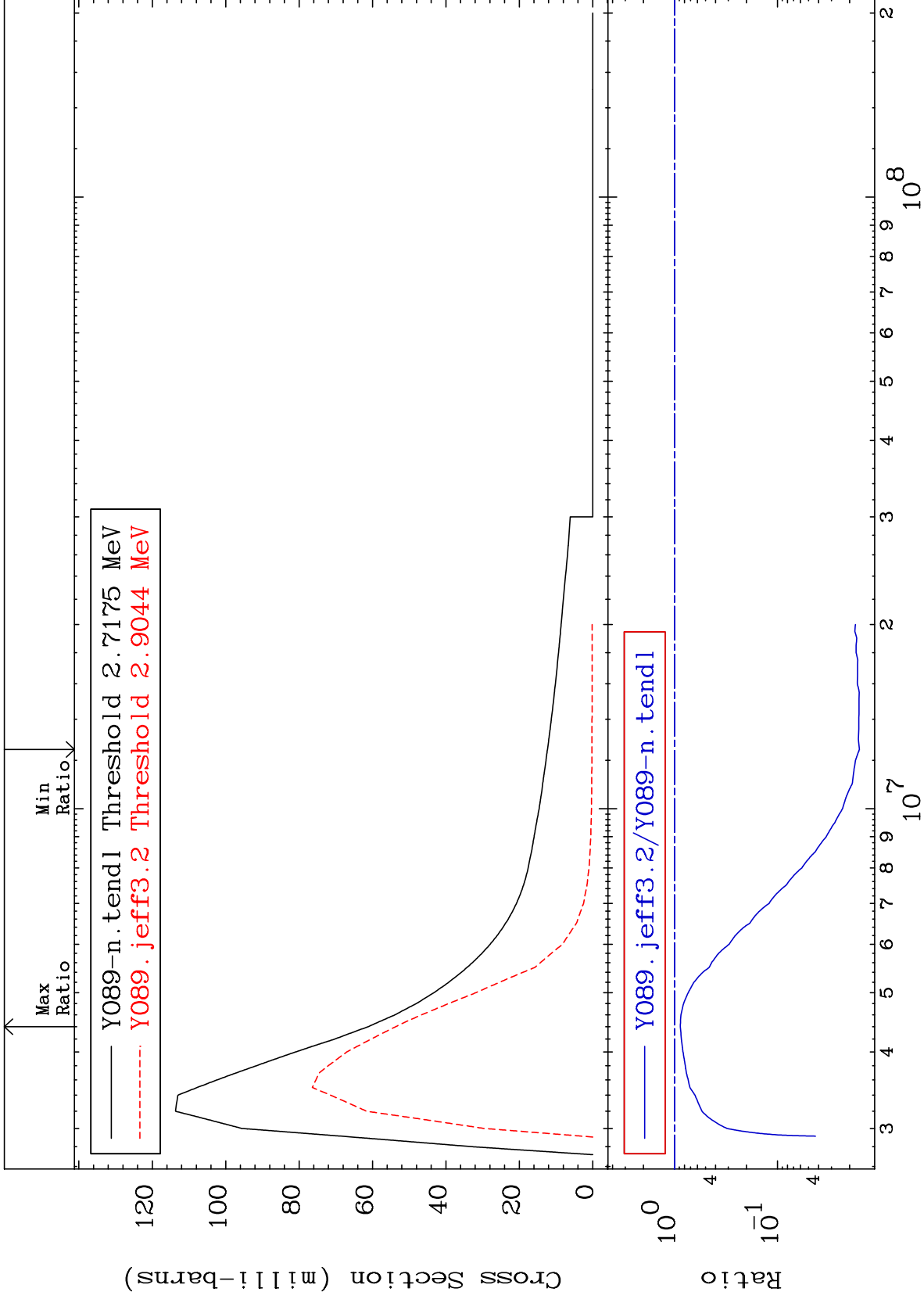
39-Y -89  
-45.38 To 9999. %



MAT 3925

2.687 MeV (n,n') Level  
Cross Section

39-Y -89  
-98.40 To -12.28%



14

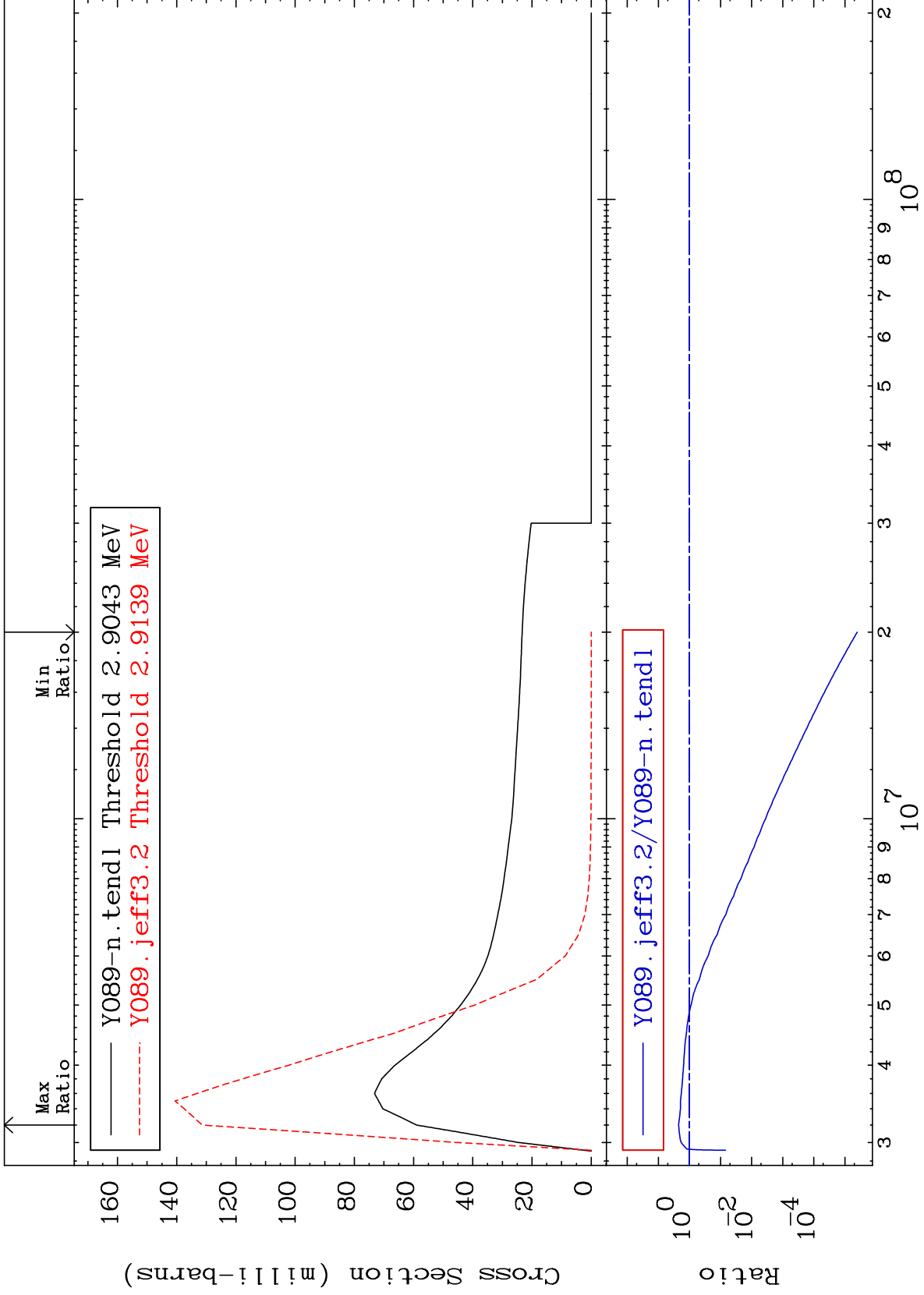
Incident Energy (eV)

39-Y -89

MAT 3925

2.872 MeV (n,n') Level  
Cross Section

39-Y -89  
-100.0 To 122.8 %



15

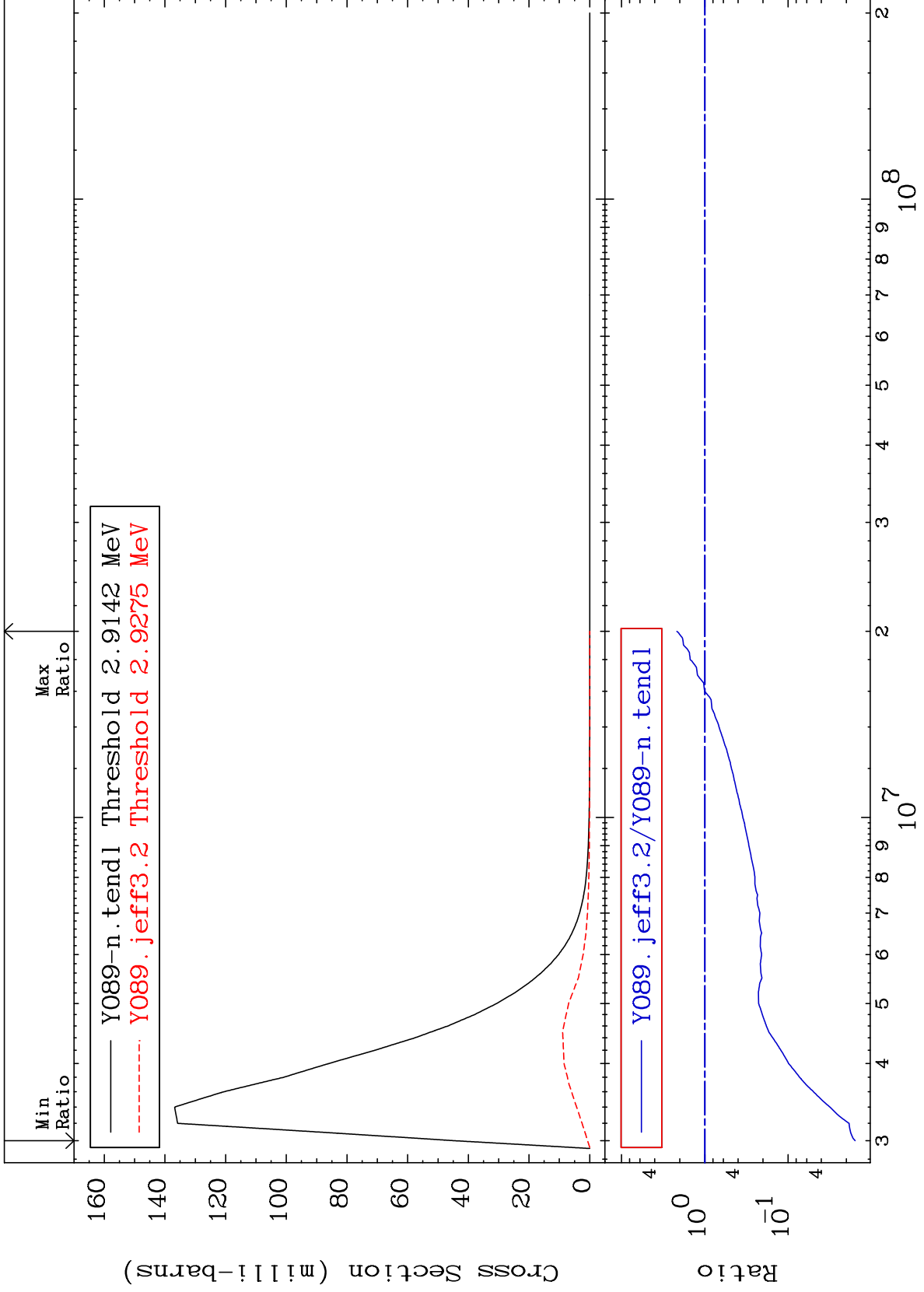
Incident Energy (eV)

39-Y -89

MAT 3925

2.882 MeV (n,n') Level  
Cross Section

39-Y -89  
-98.43 To 116.2 %

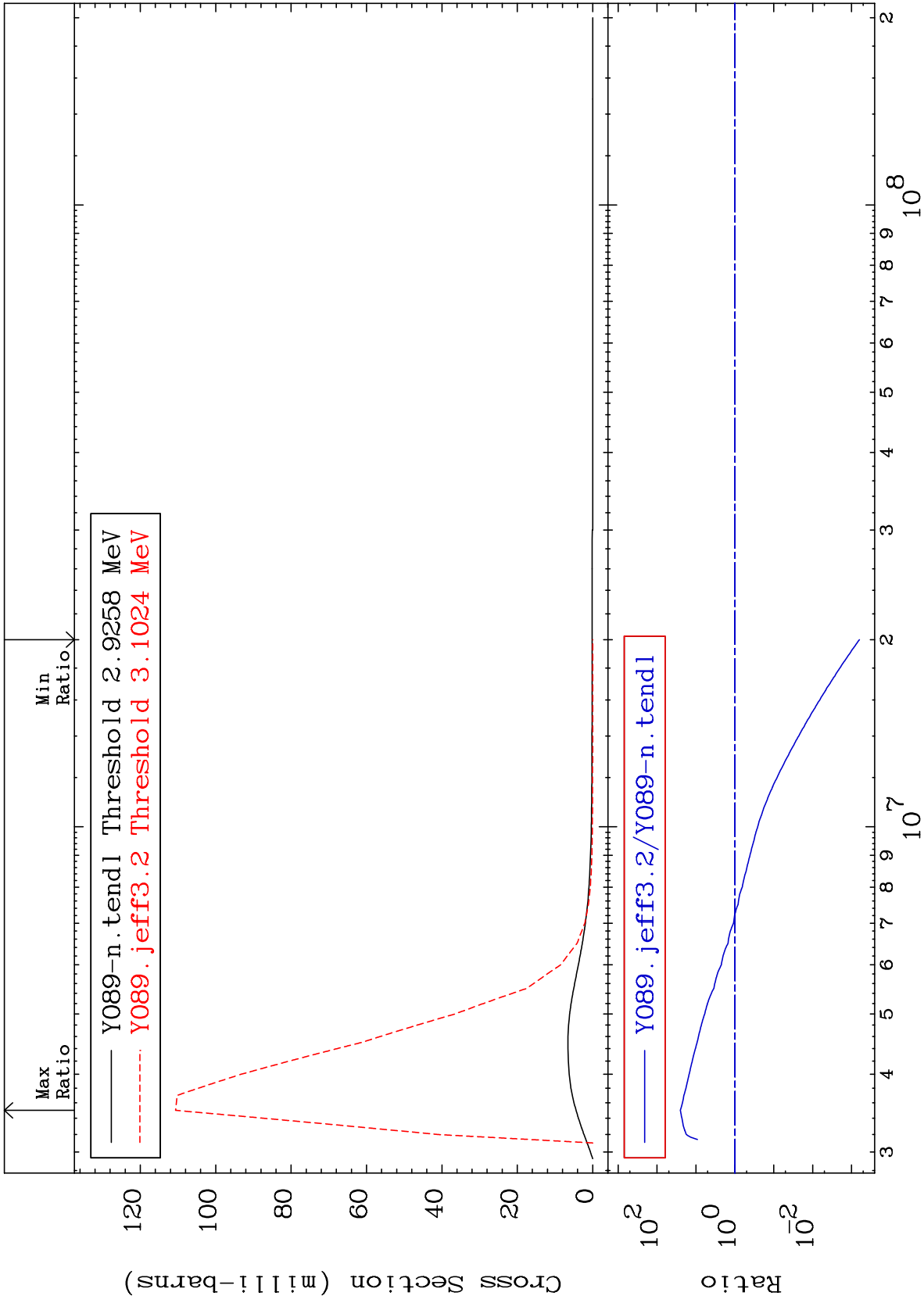


16

Incident Energy (eV)

39-Y -89

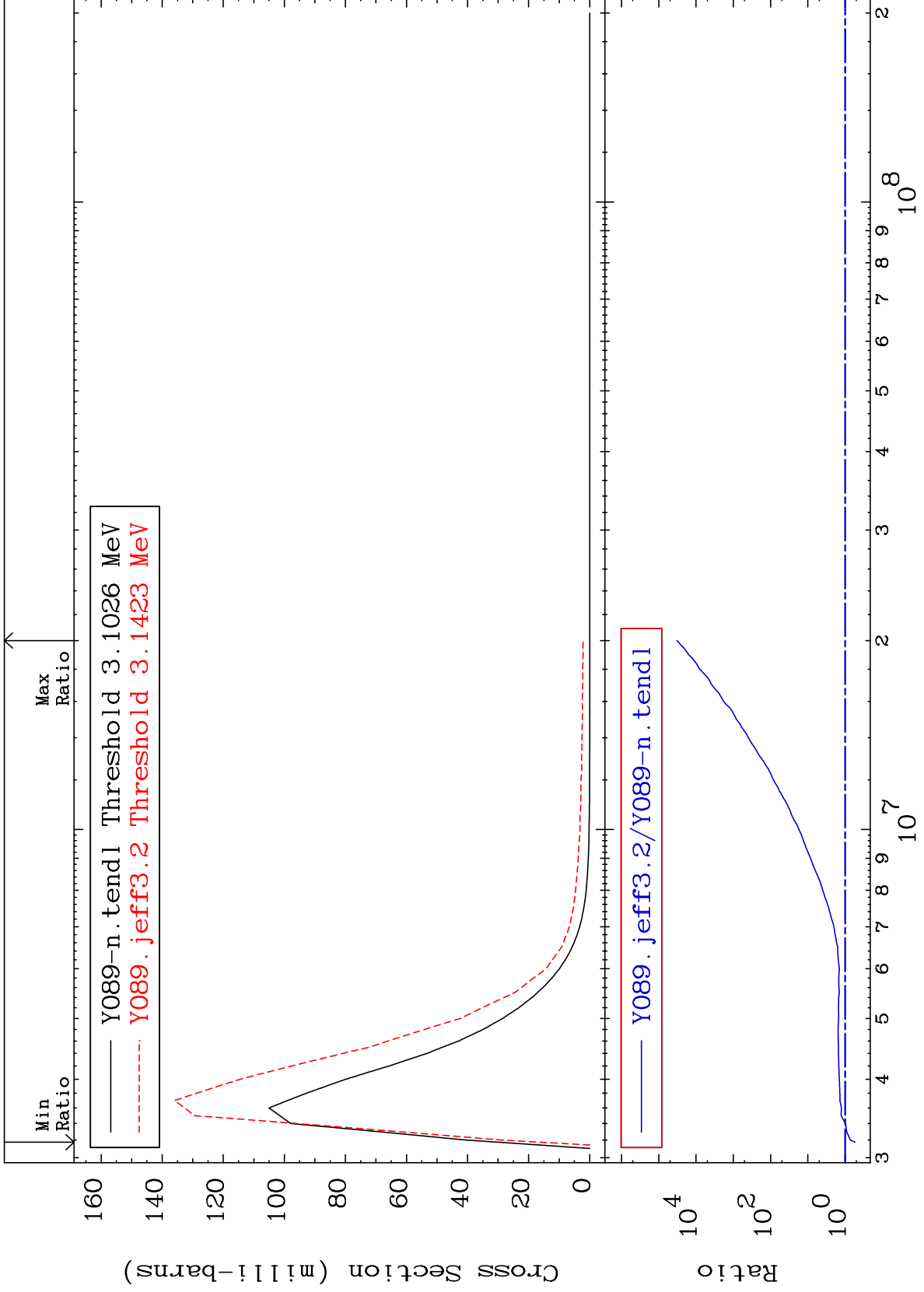




MAT 3925

3.068 MeV (n,n') Level  
Cross Section

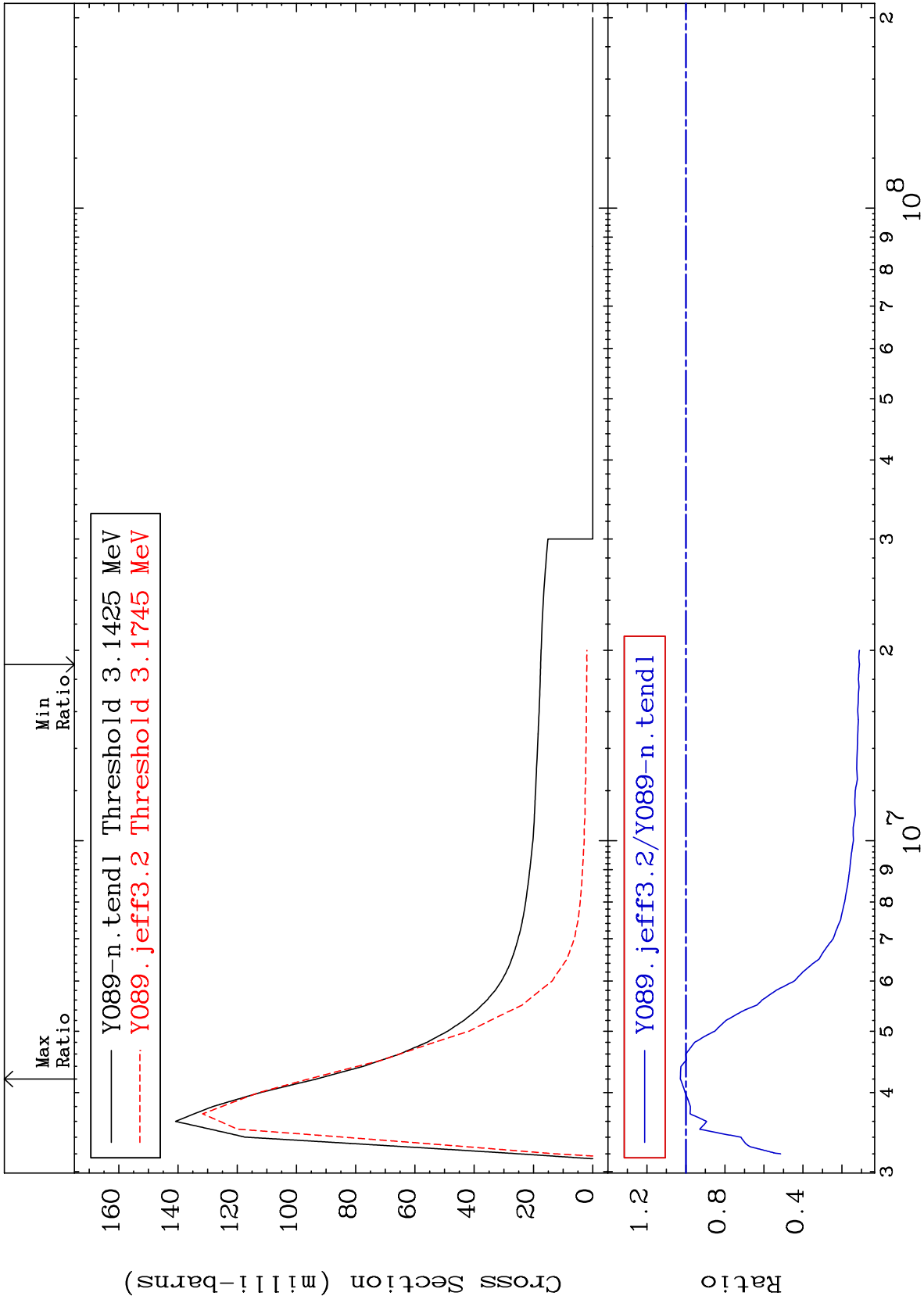
39-Y -89  
-45.89 To 9999. %



18

Incident Energy (eV)

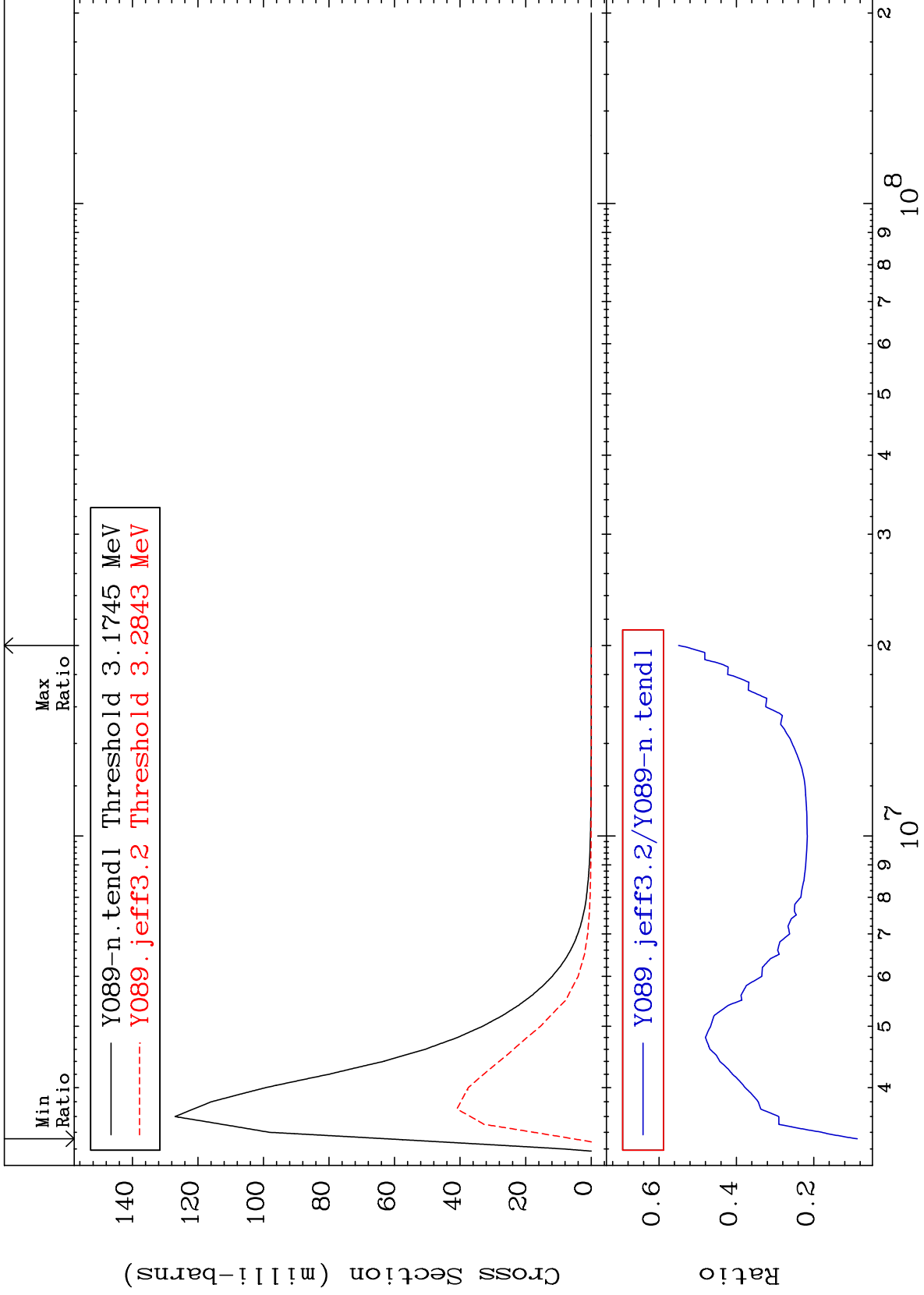
39-Y -89



MAT 3925

3.139 MeV (n,n') Level  
Cross Section

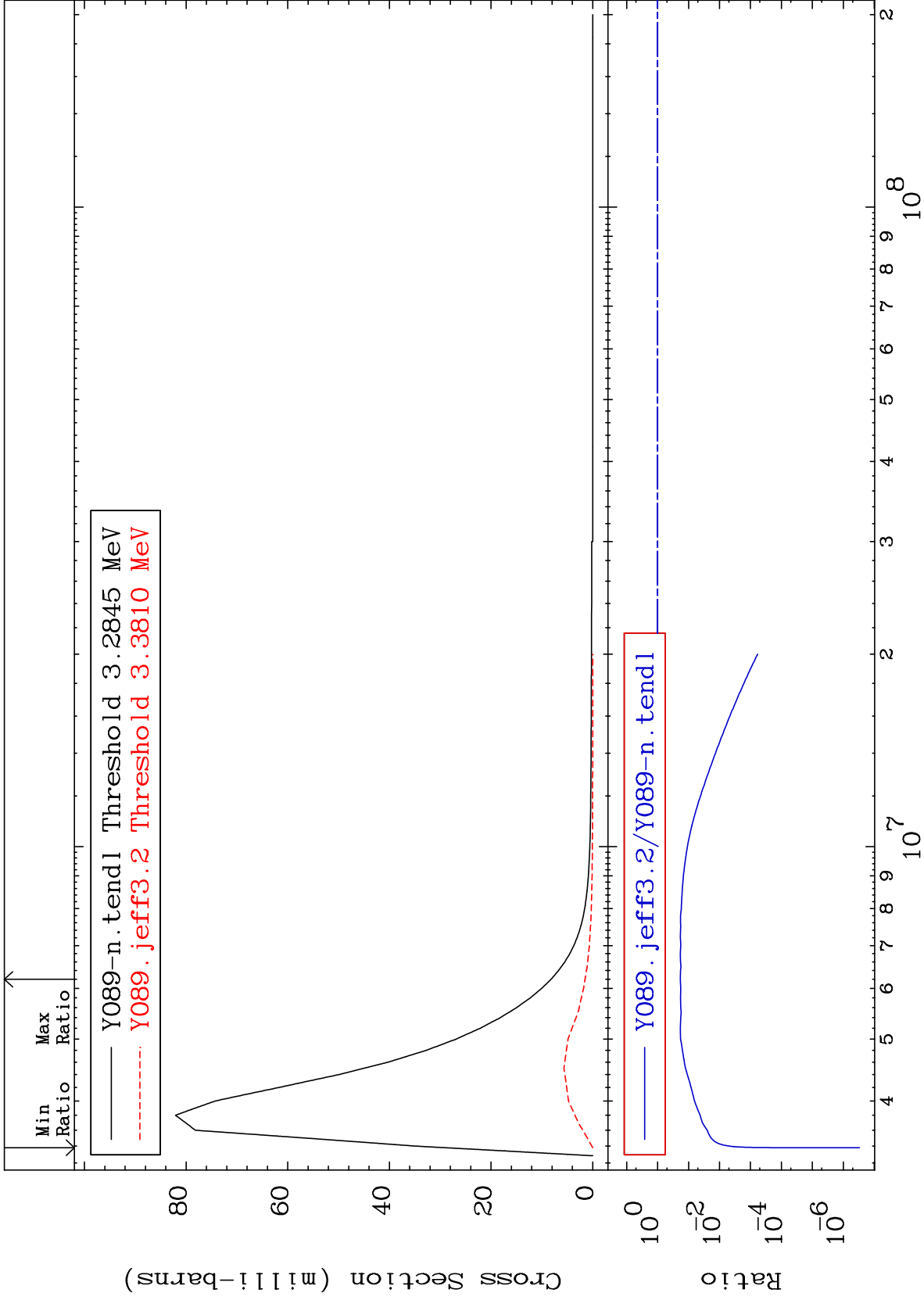
39-Y -89  
-91.25 To -45.06%

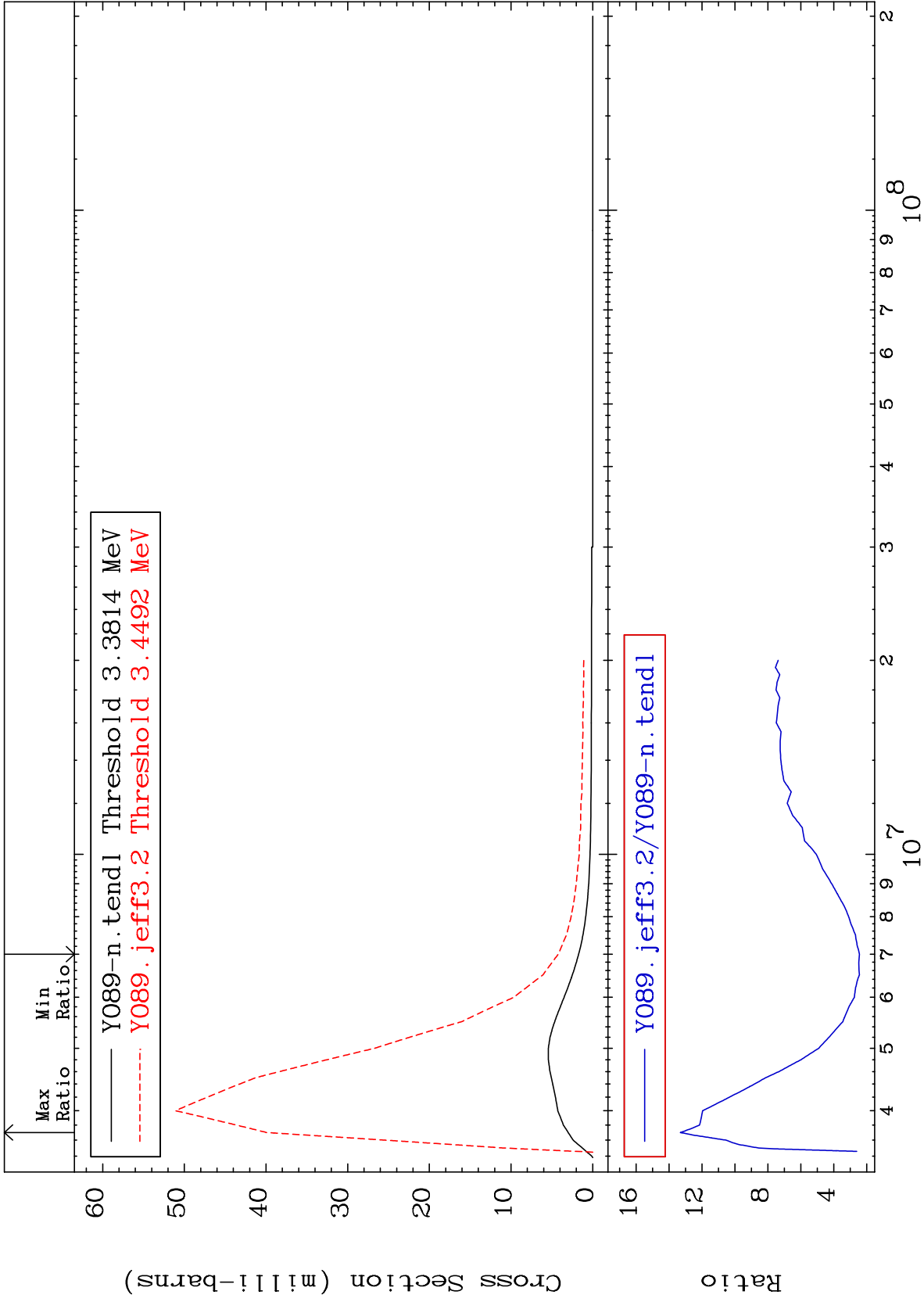


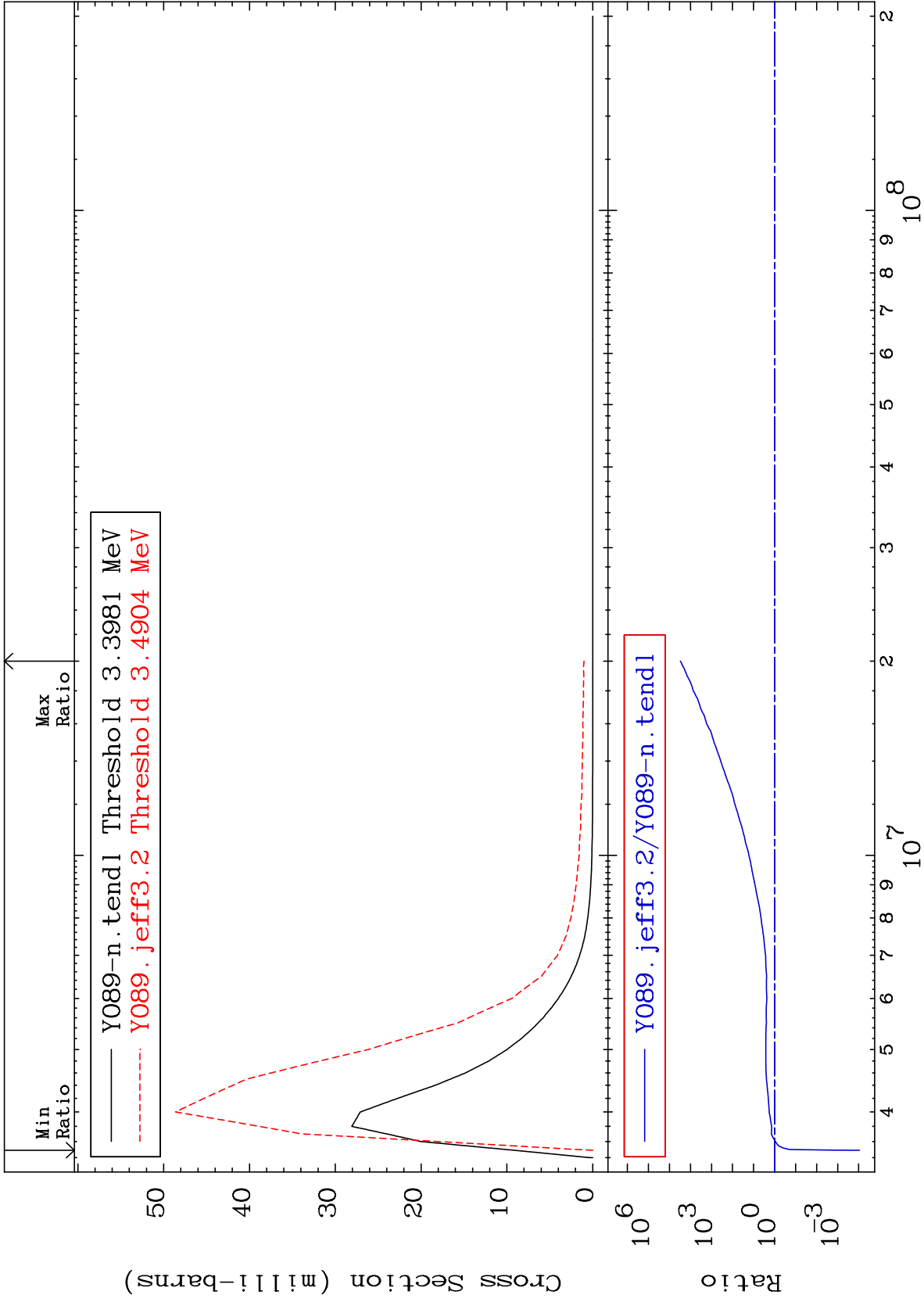
20

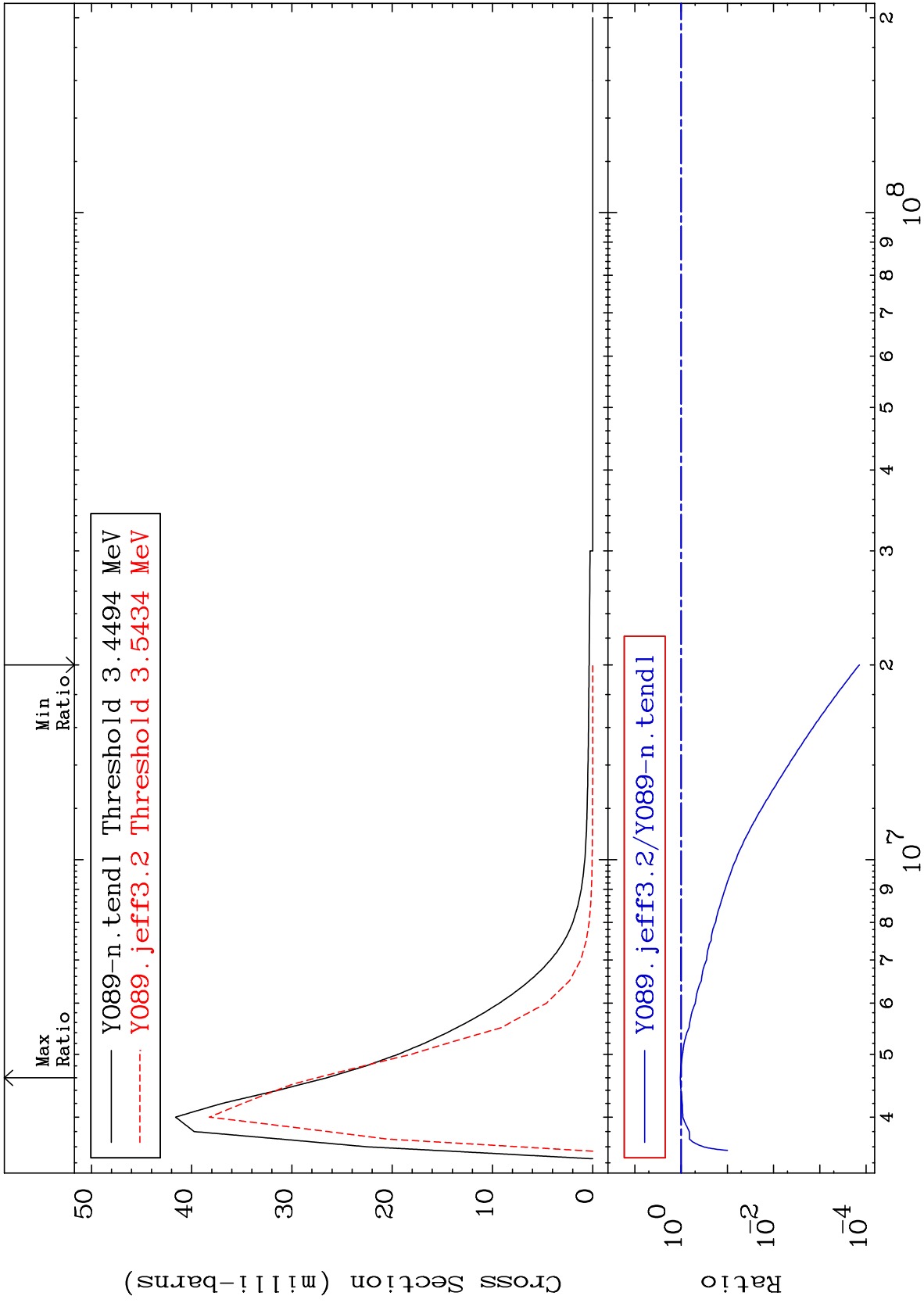
Incident Energy (eV)

39-Y -89

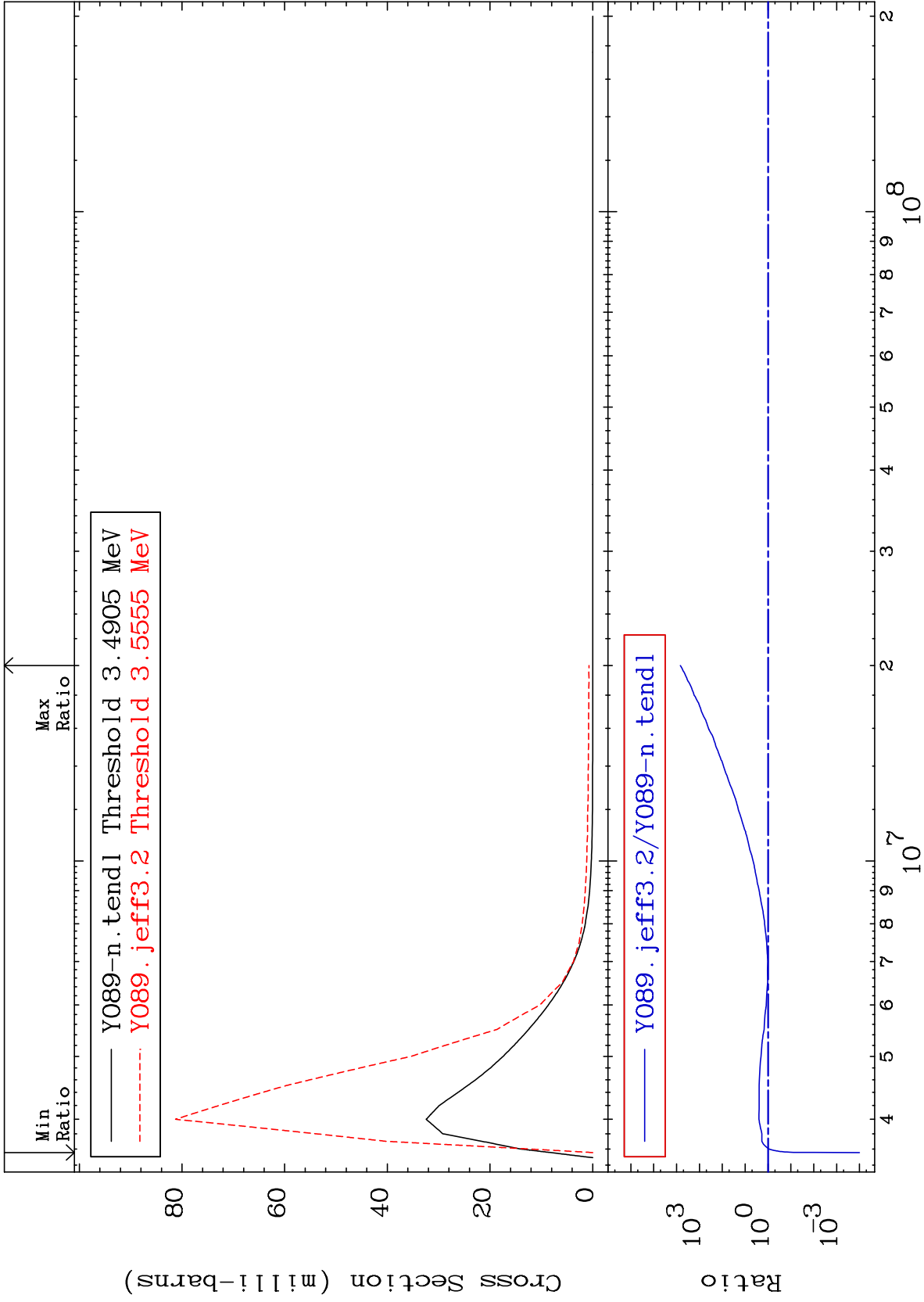


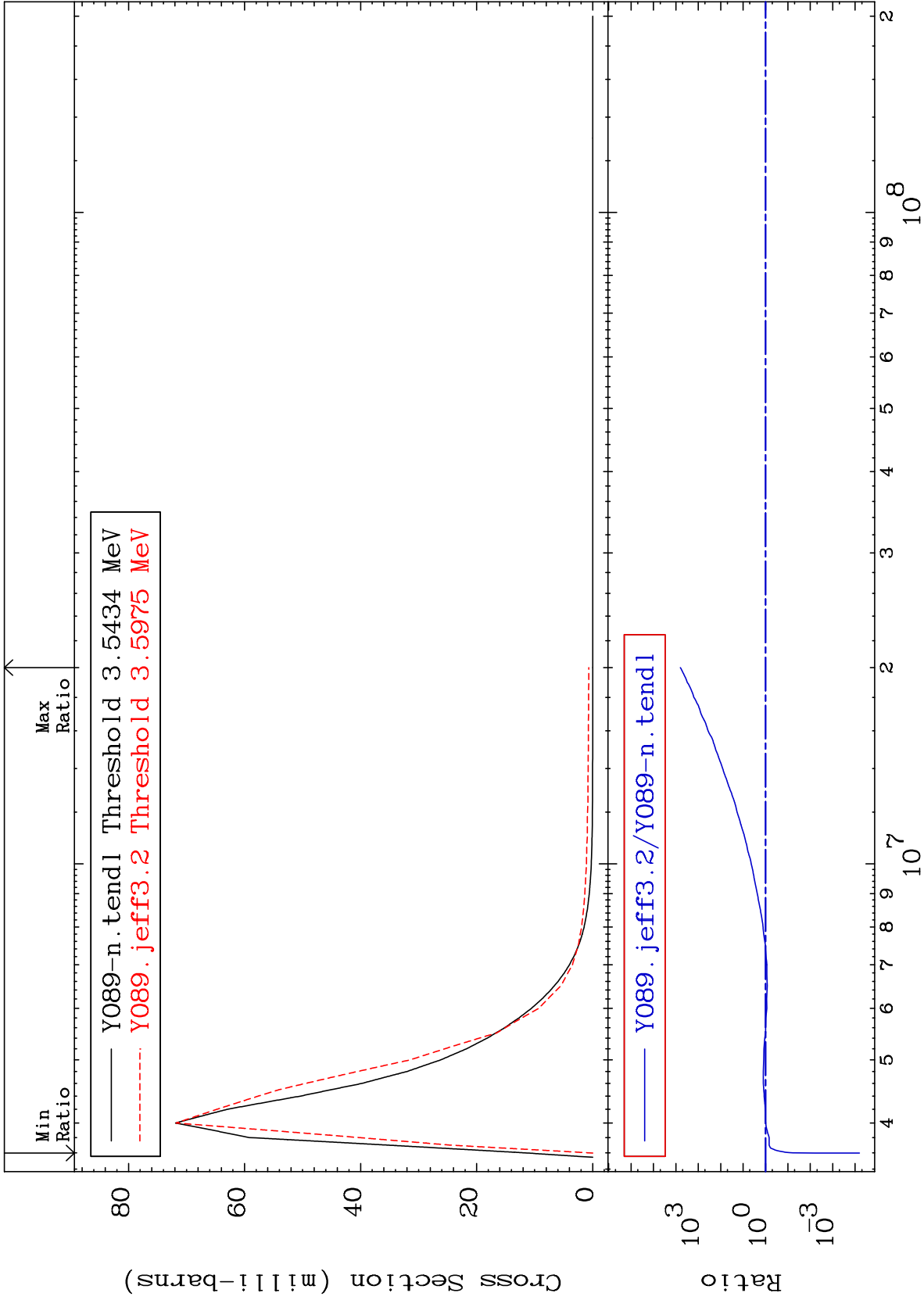


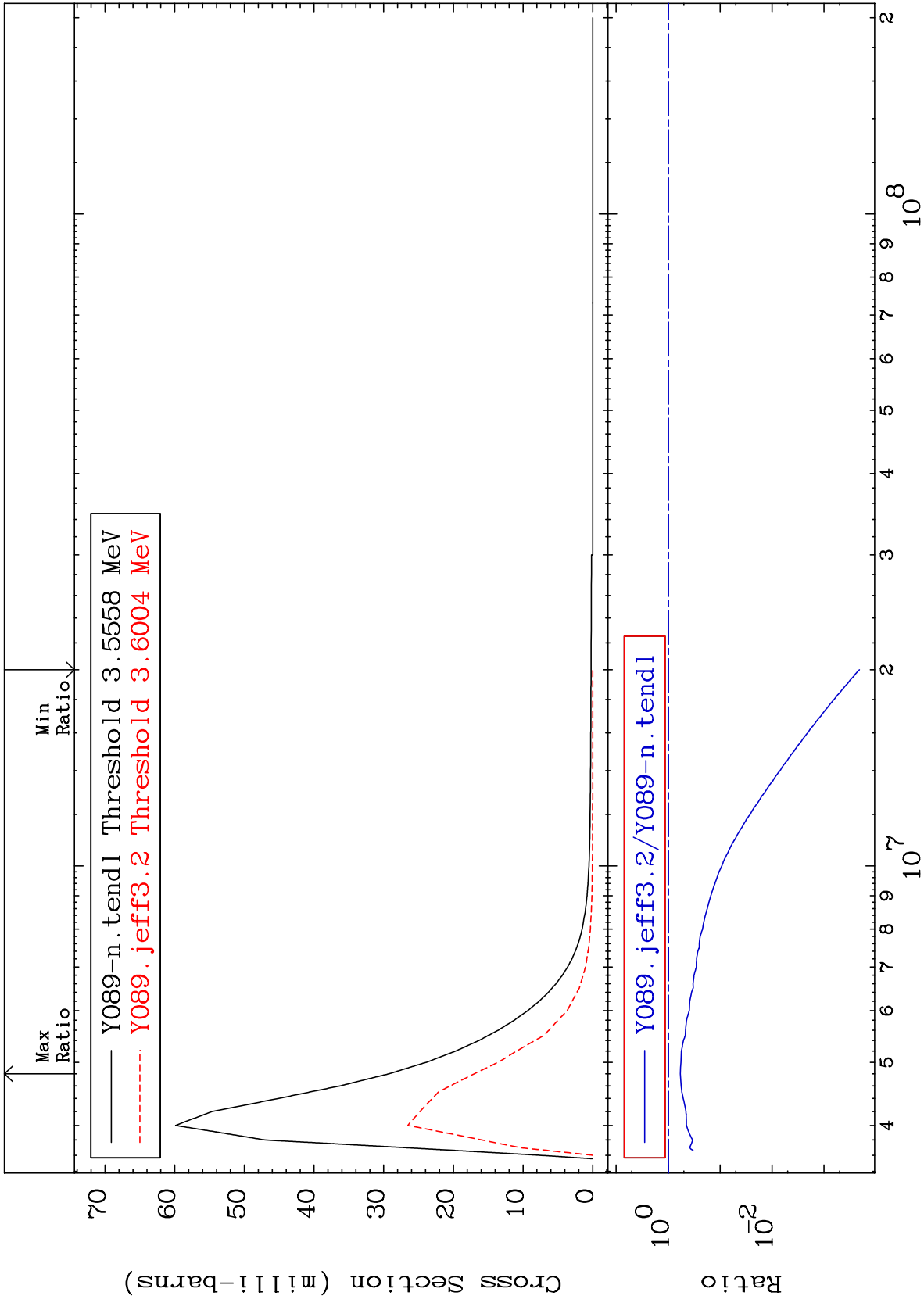


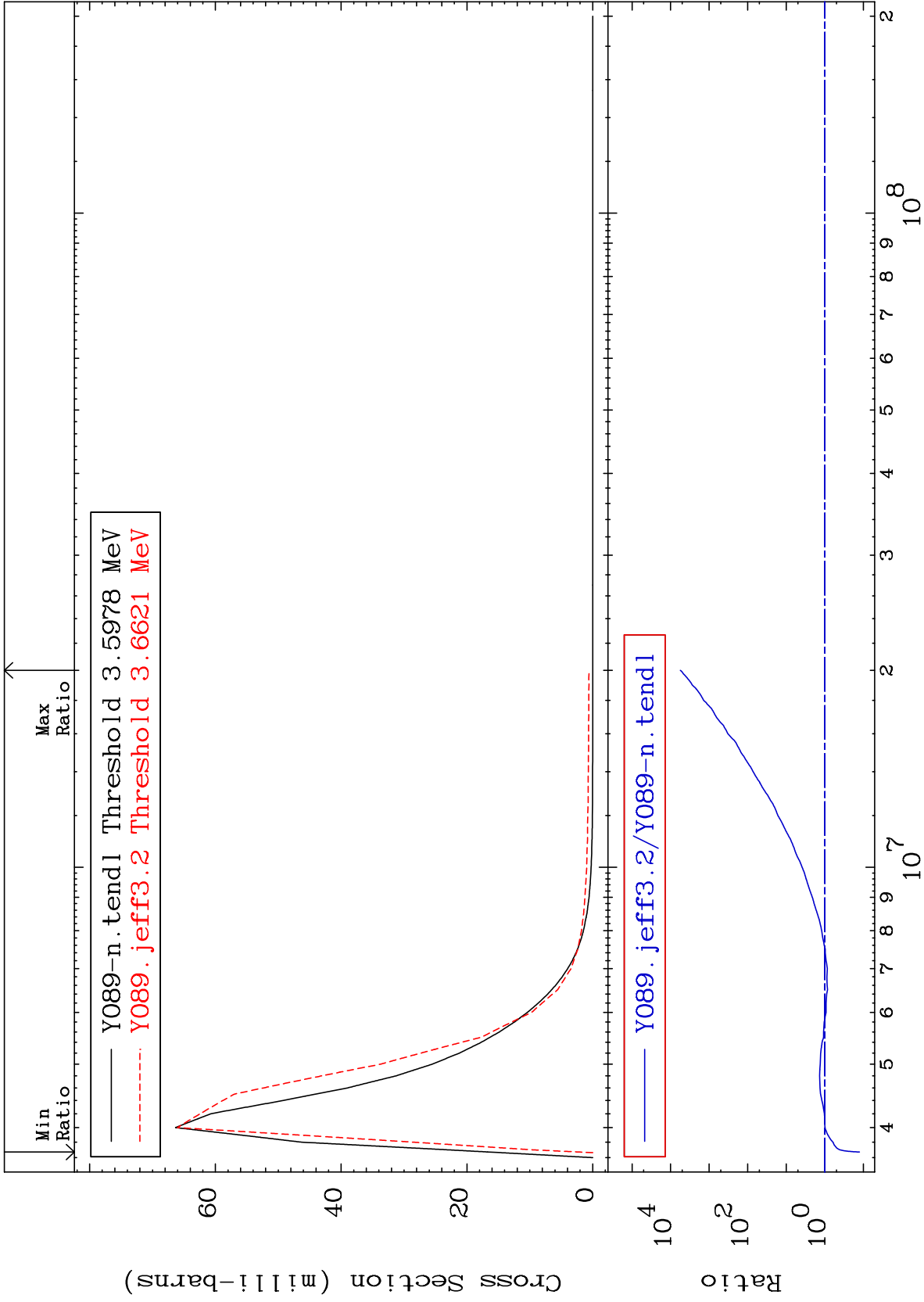


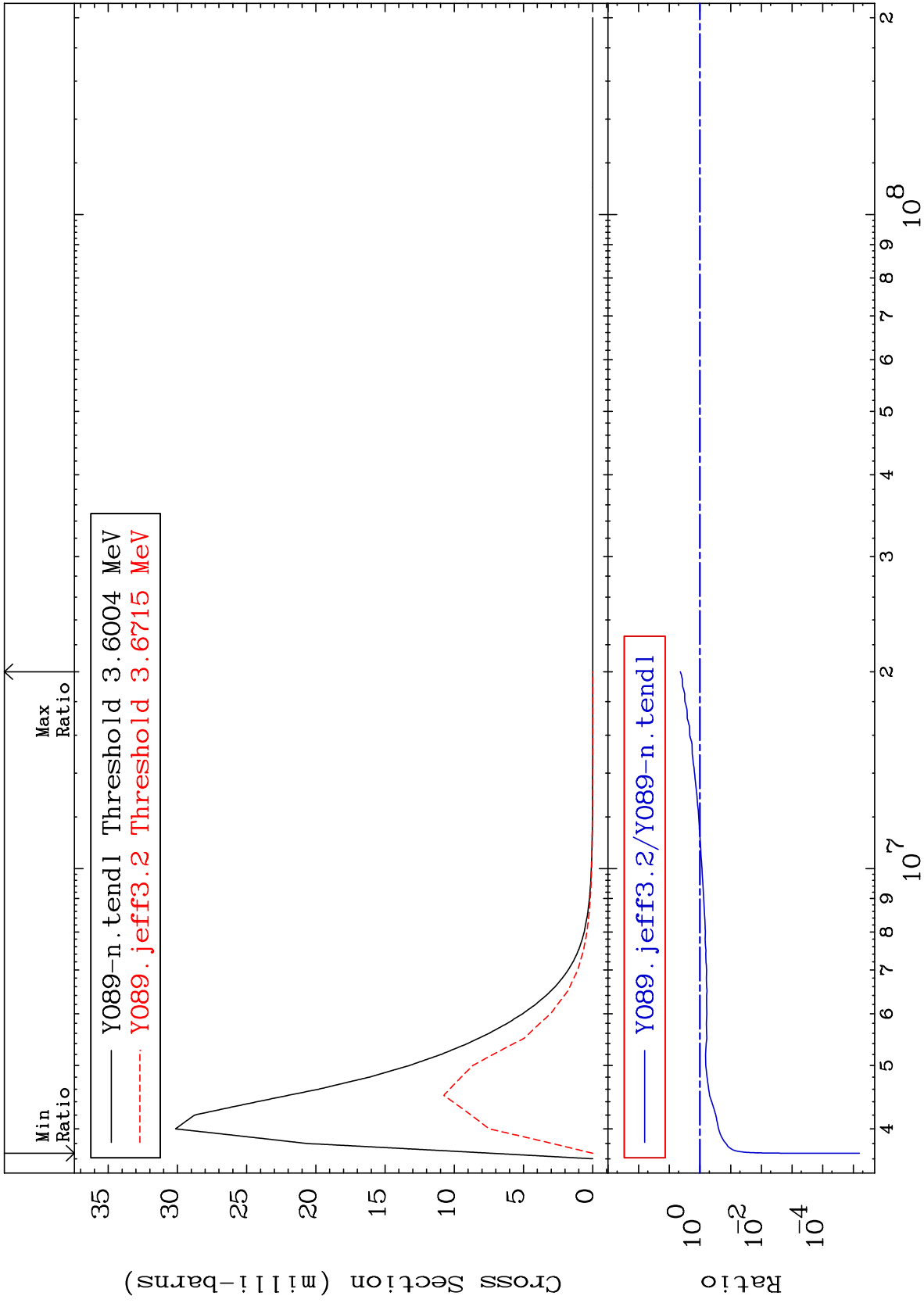








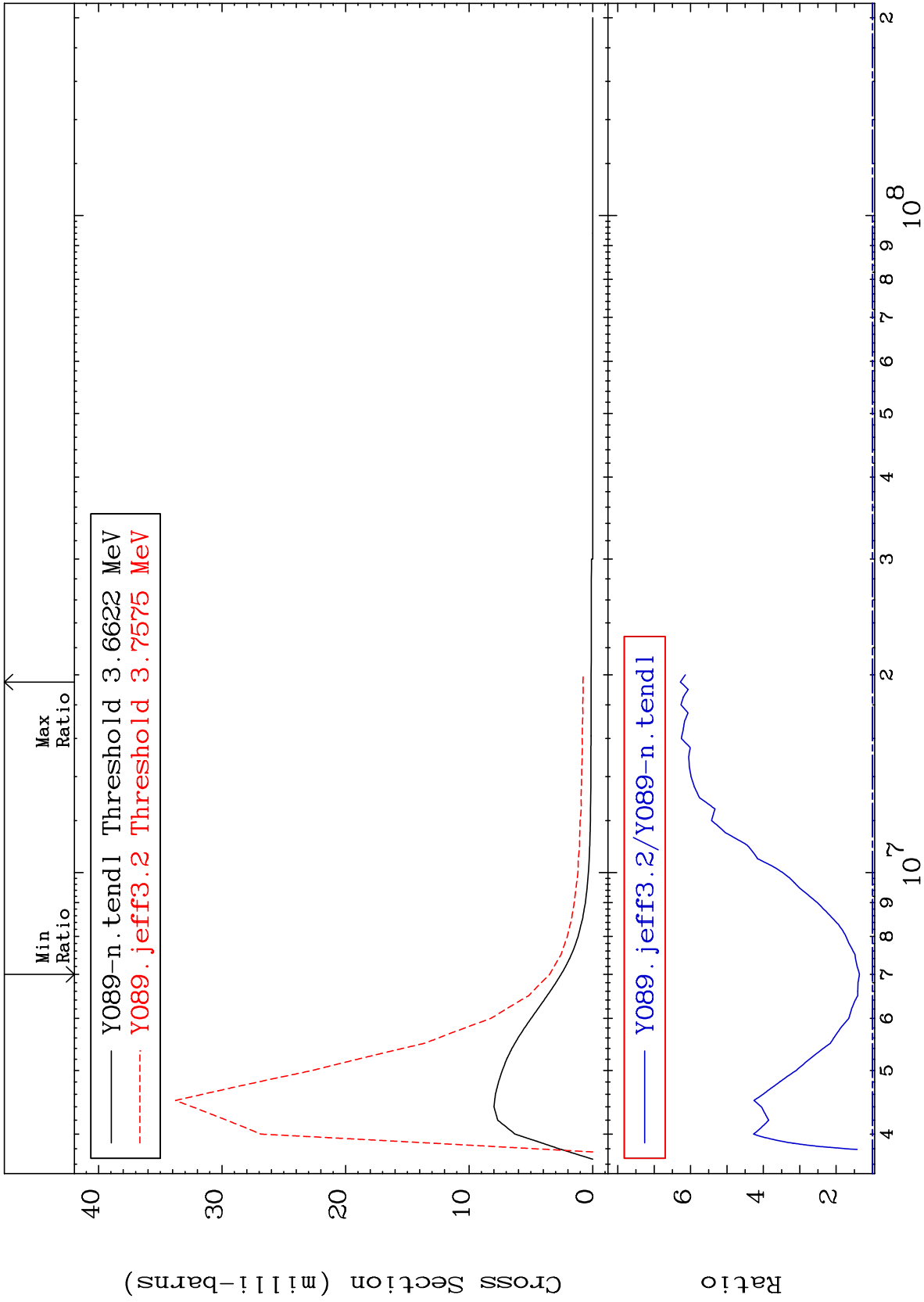




MAT 3925

3.621 MeV (n,n') Level  
Cross Section

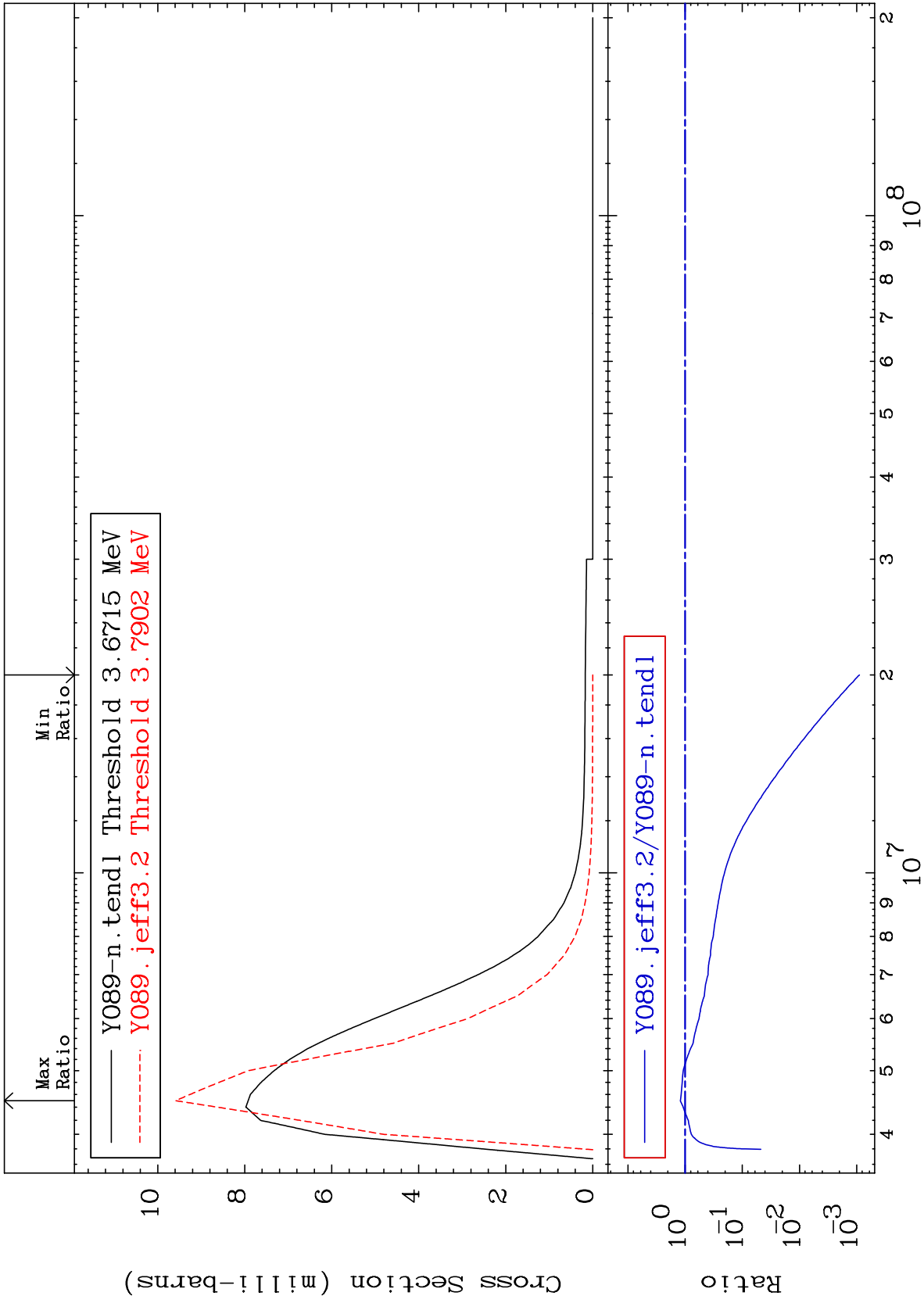
36.08 To 528.0 %  
39-Y -89

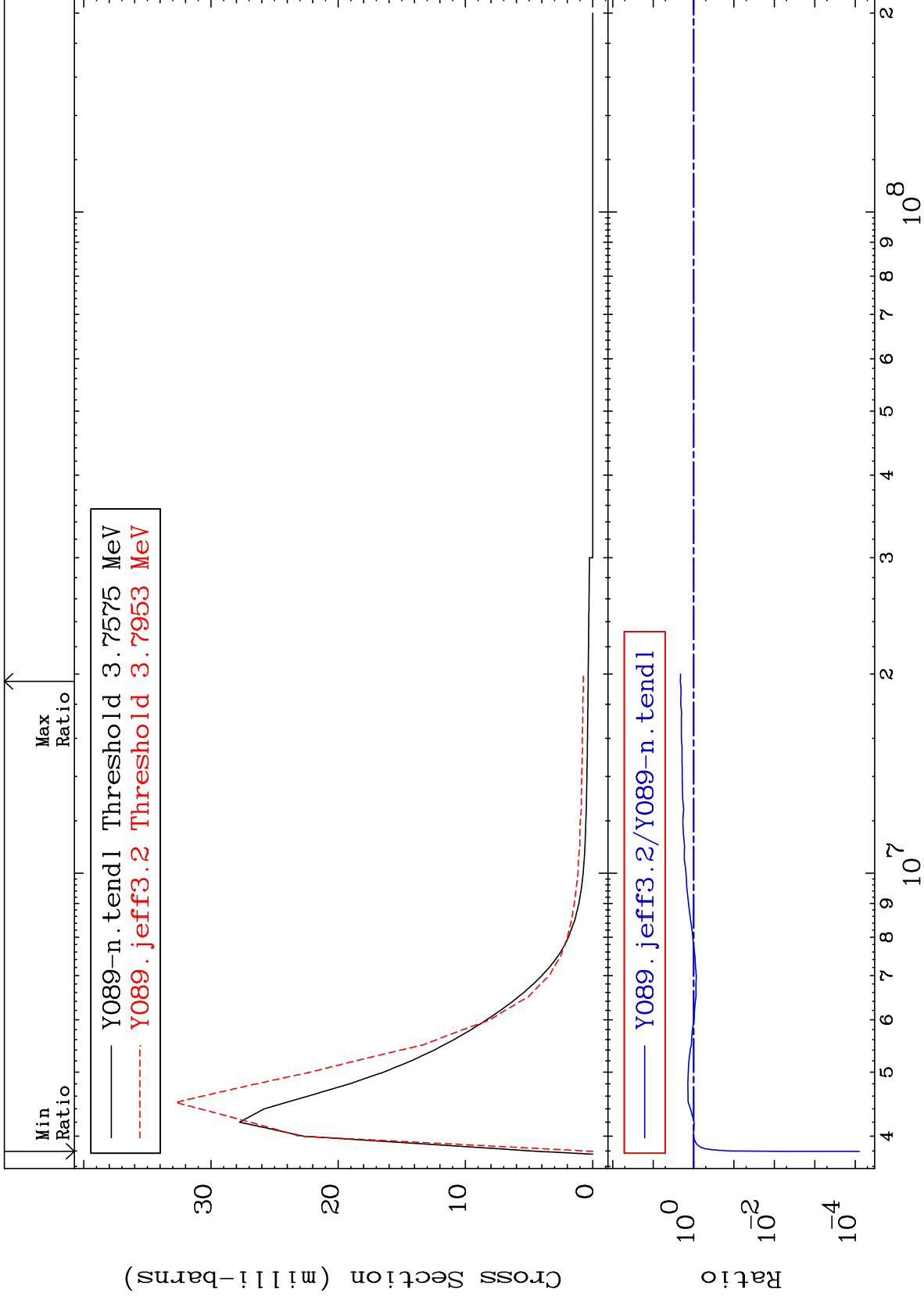


30

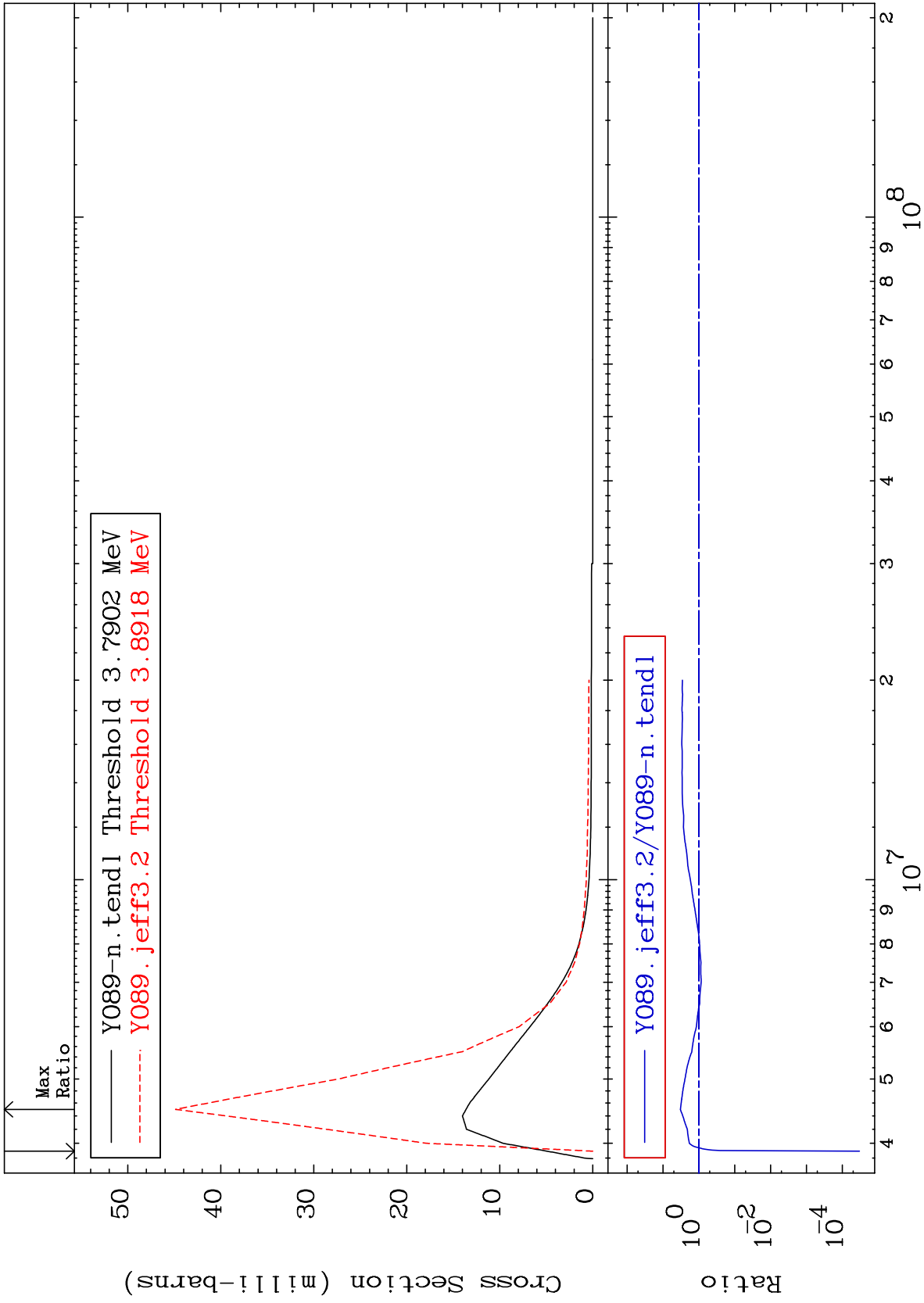
Incident Energy (eV)

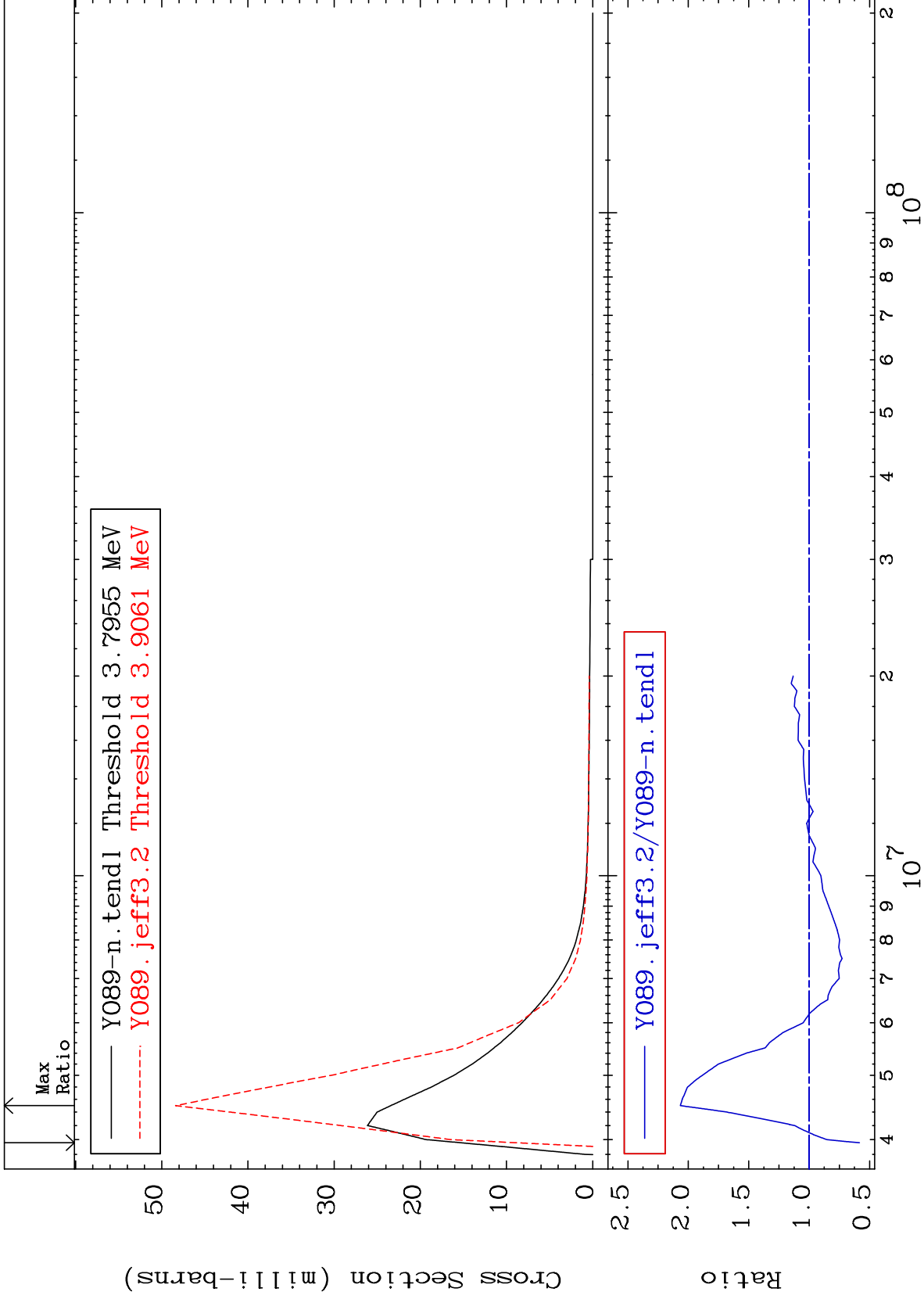
39-Y -89

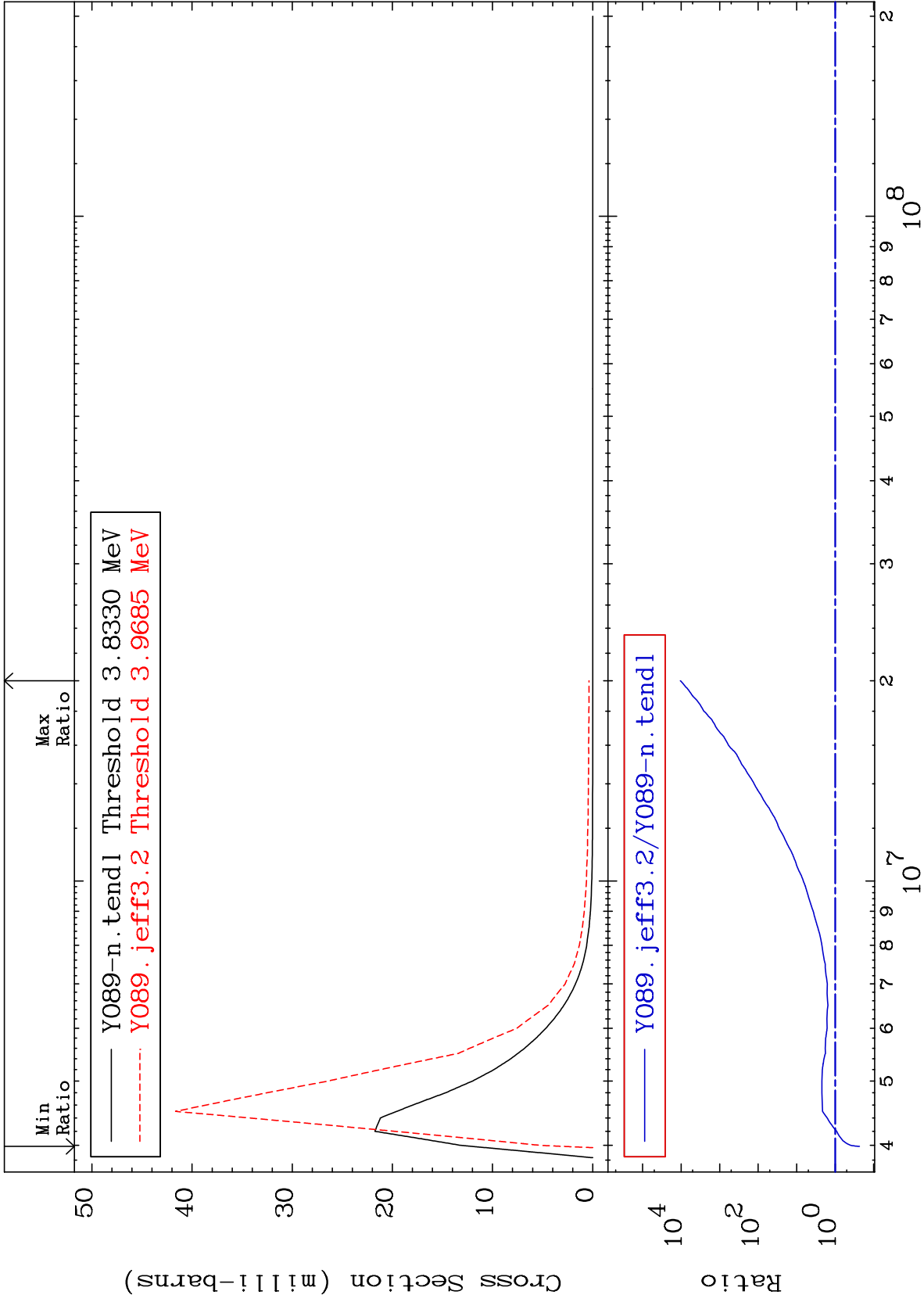


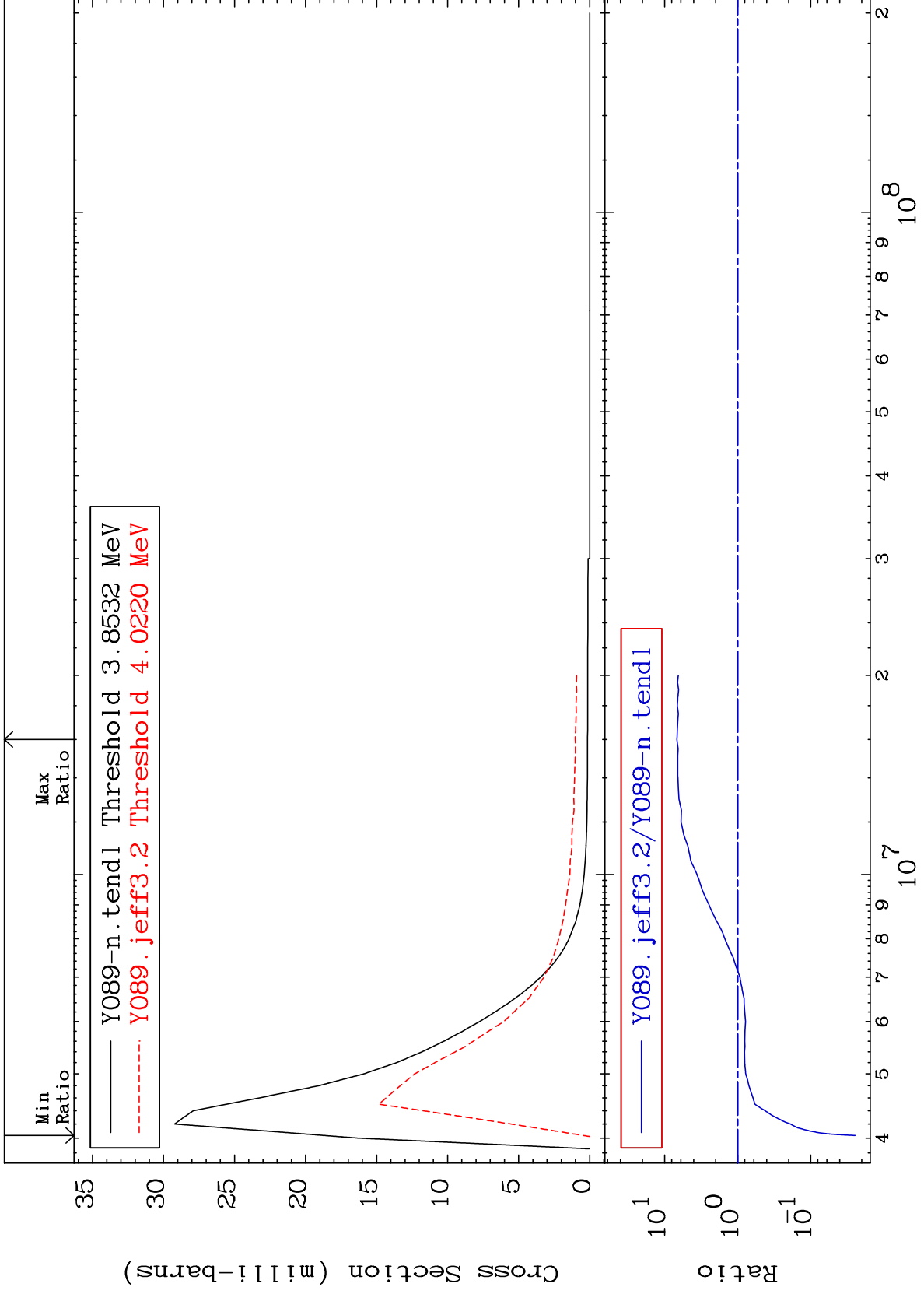


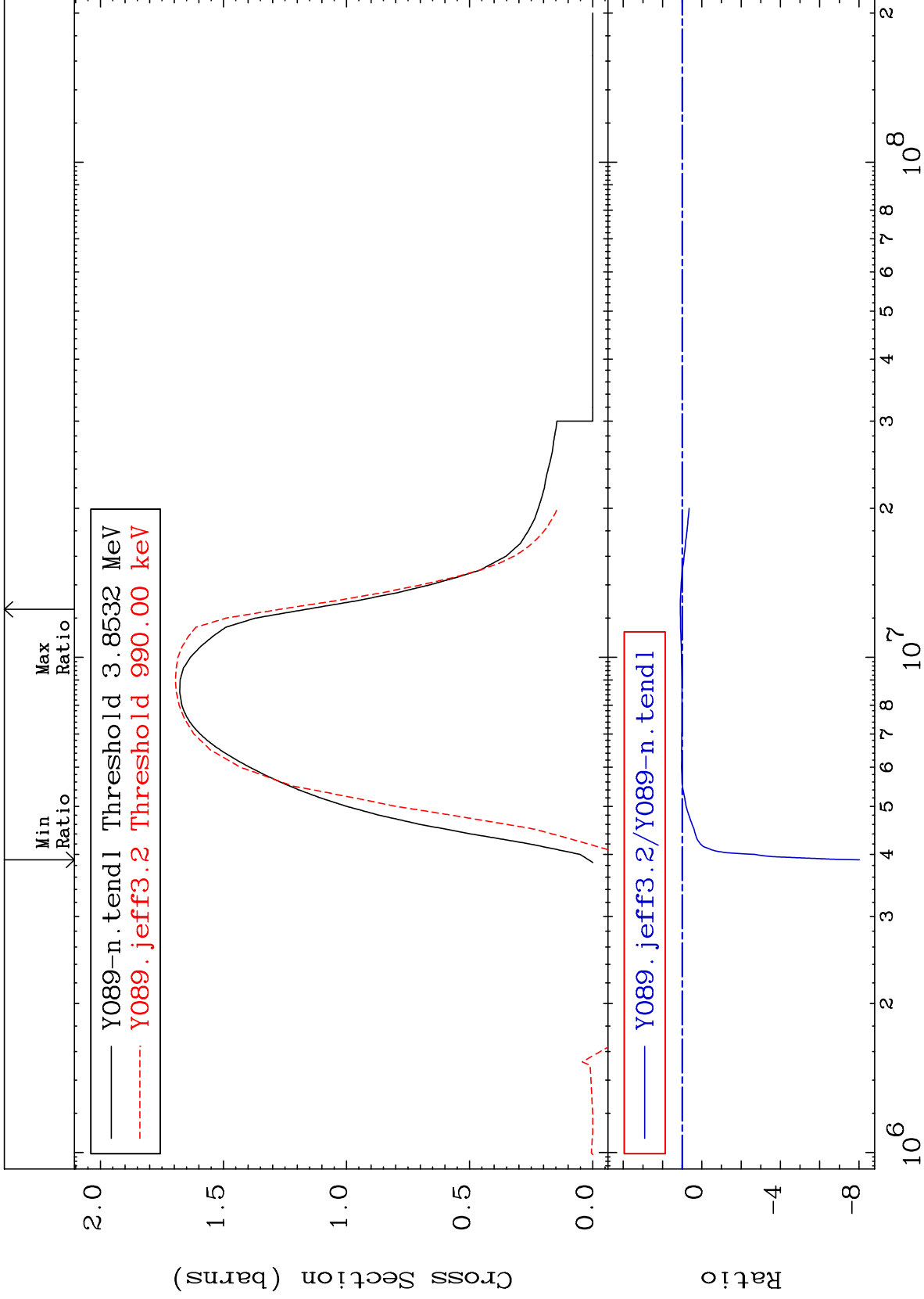


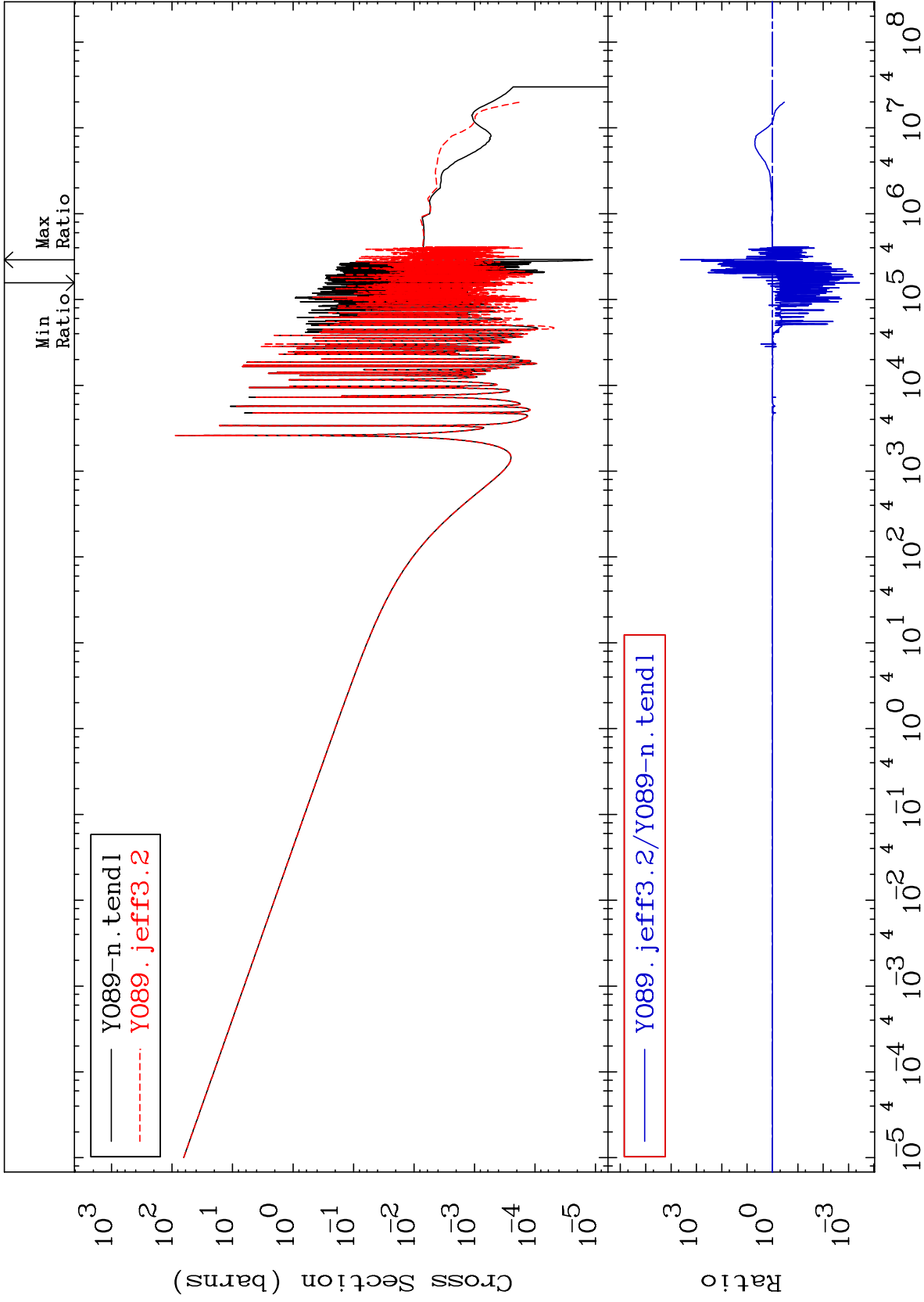








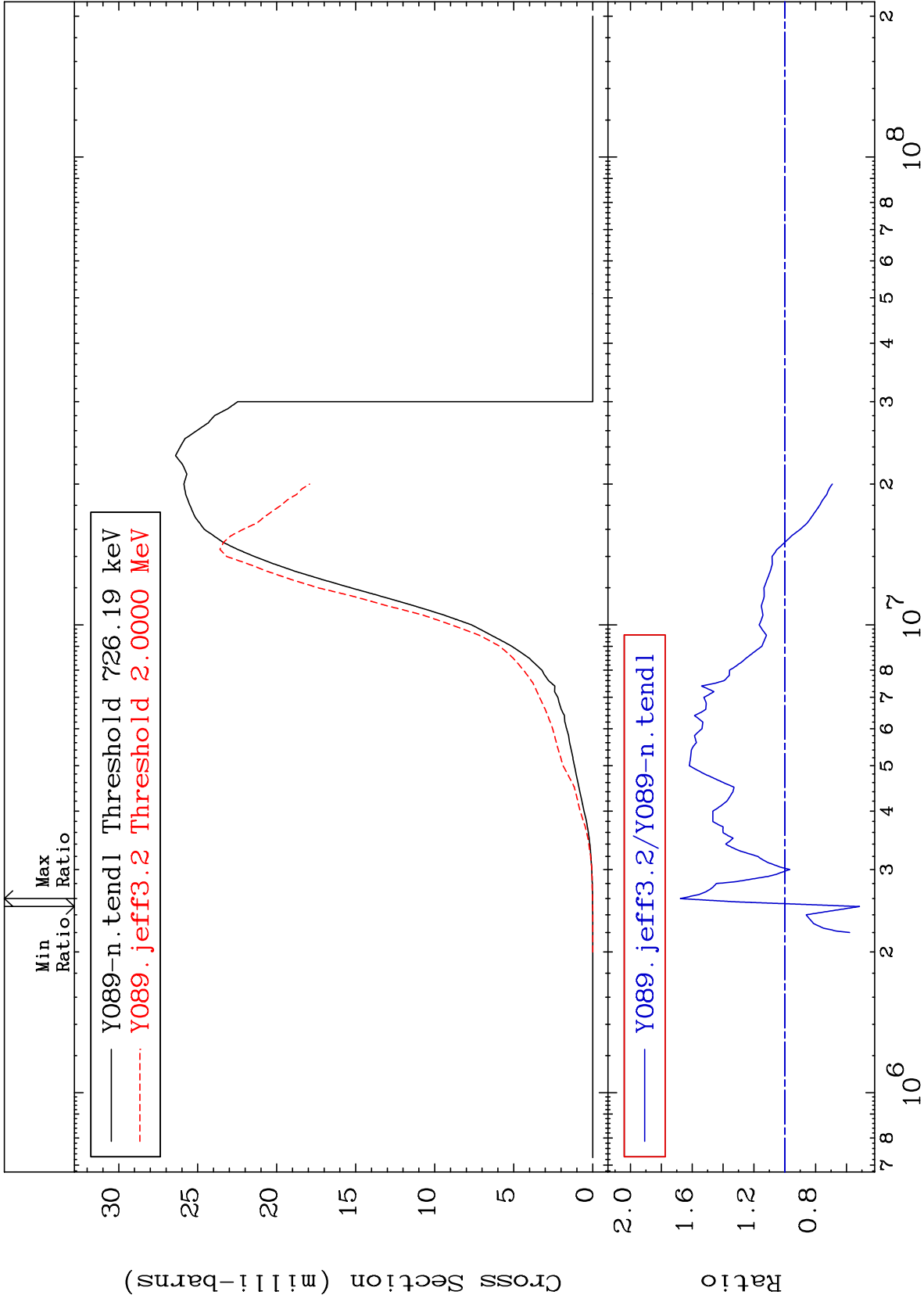




MAT 3925

(n,p)  
Cross Section

39-Y -89  
-48.42 To 67.67 %



39

Incident Energy (eV)

39-Y -89

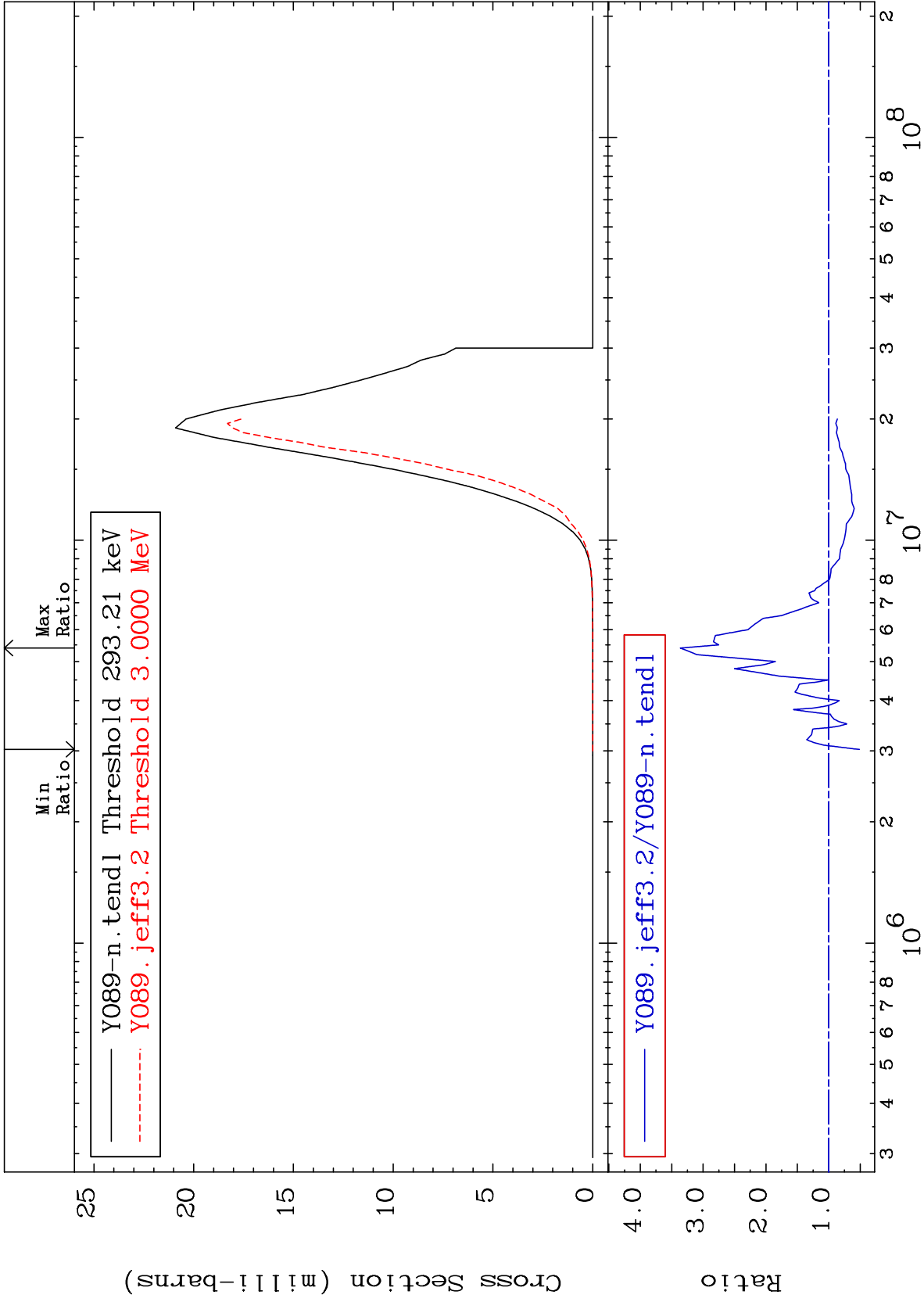
MAT 3925

(n,  $\alpha$ )

39-Y -89

Cross Section

-48.82 To 236.2 %

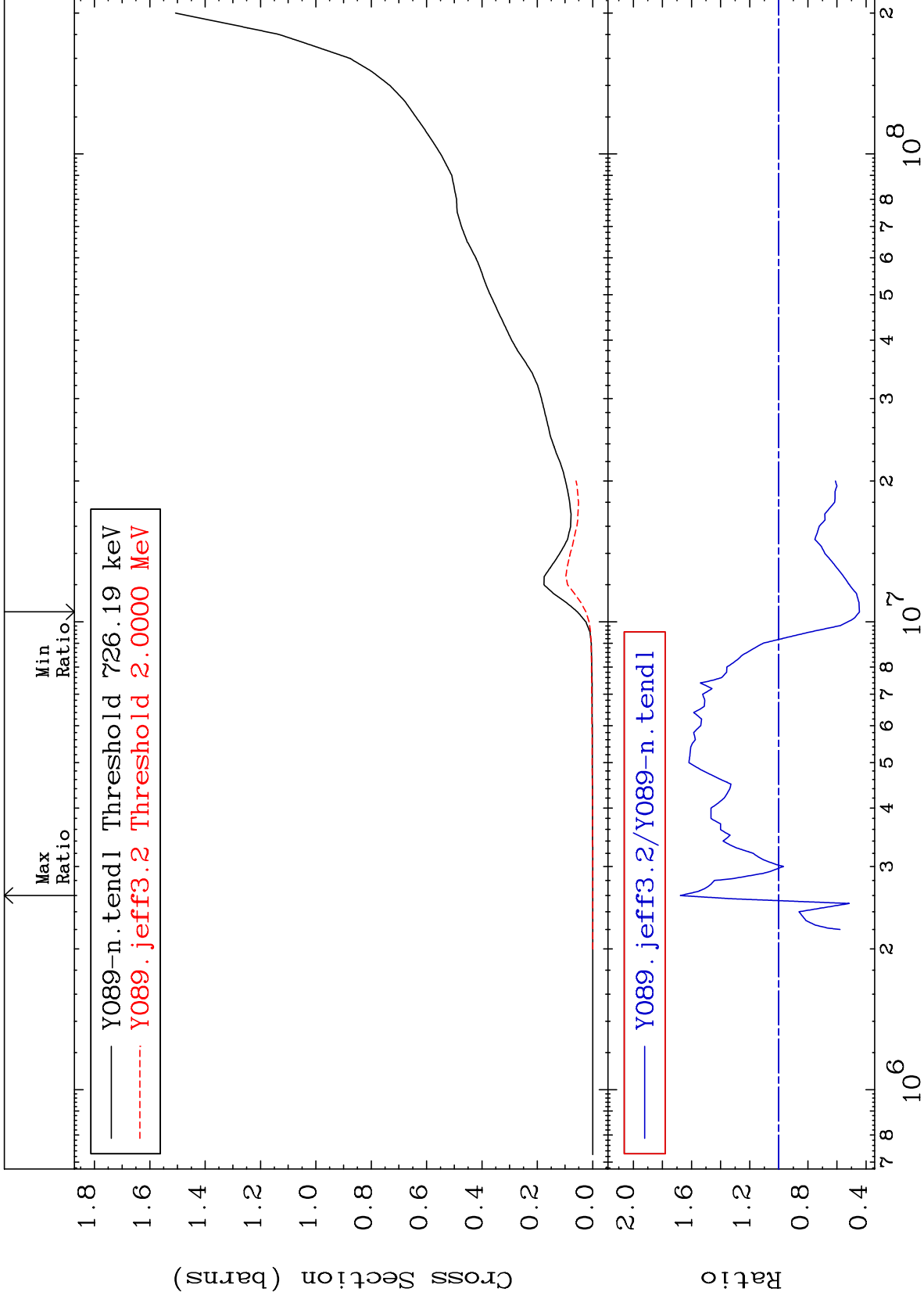


40

Incident Energy (eV)

39-Y -89

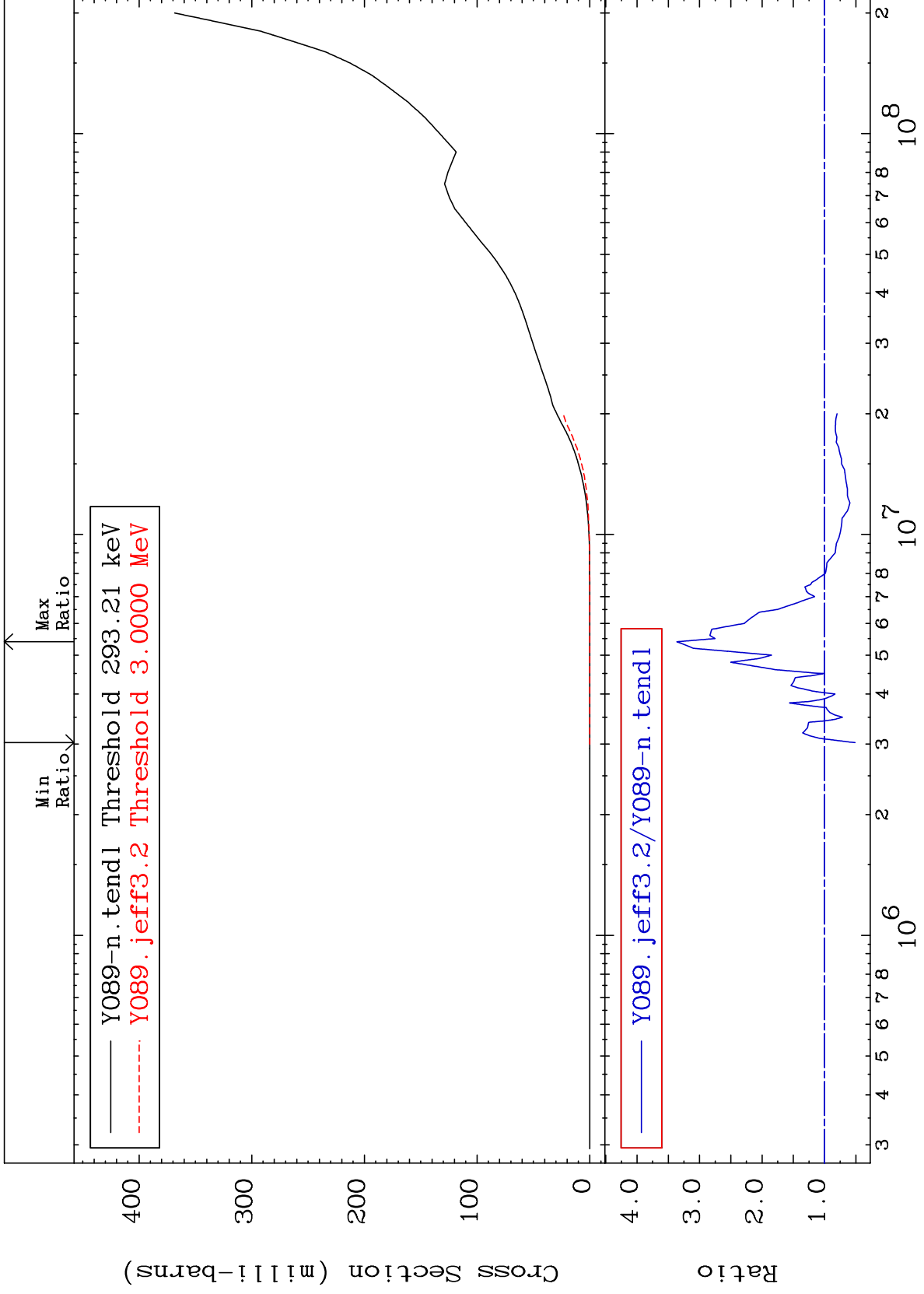




MAT 3925

He-4 Production  
Cross Section

39-Y -89  
-48.82 To 236.2 %



42

Incident Energy (eV)

39-Y -89

