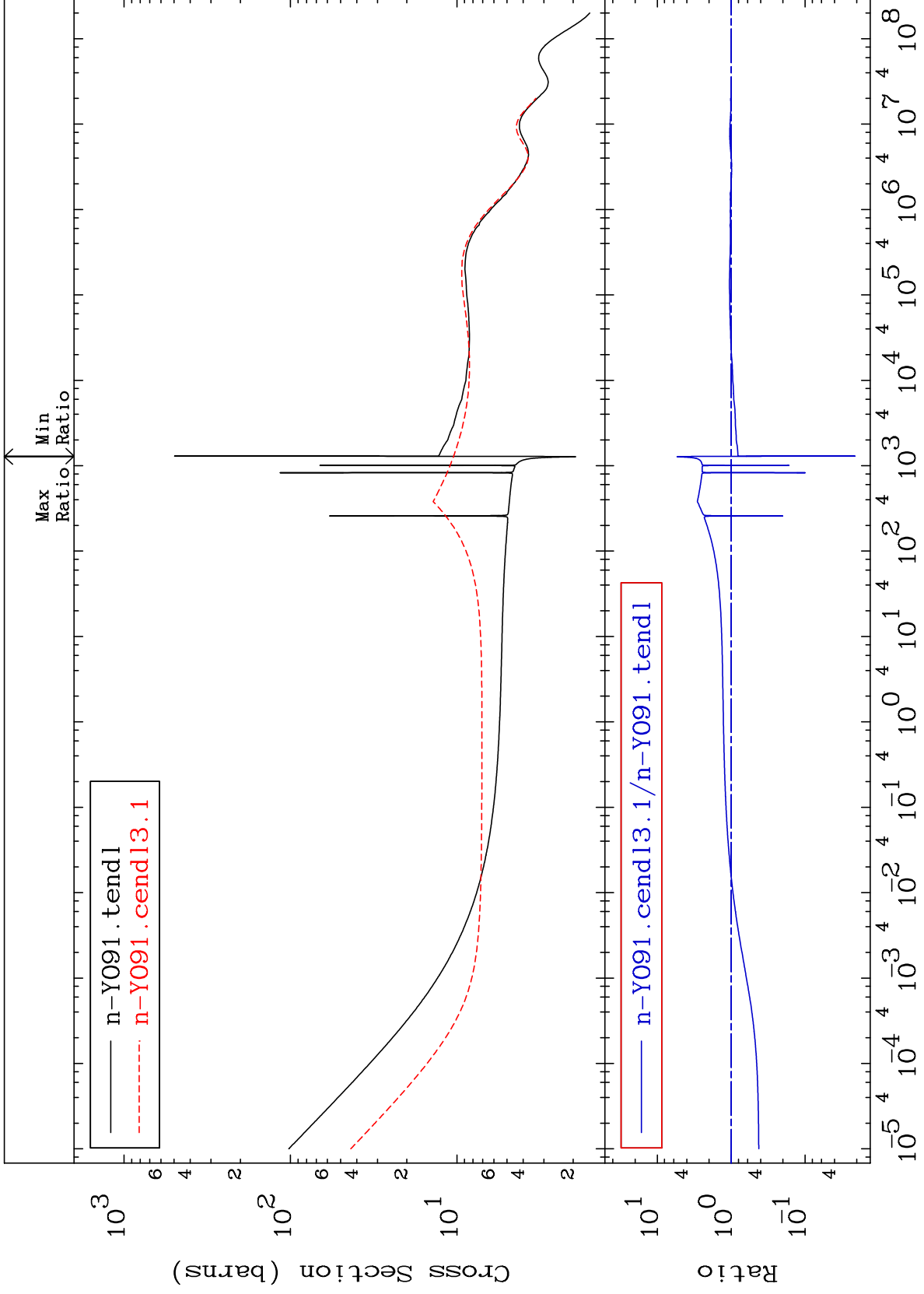


MAT 3931

Total  
Cross Section

39-Y -91  
-97.89 To 443.3 %



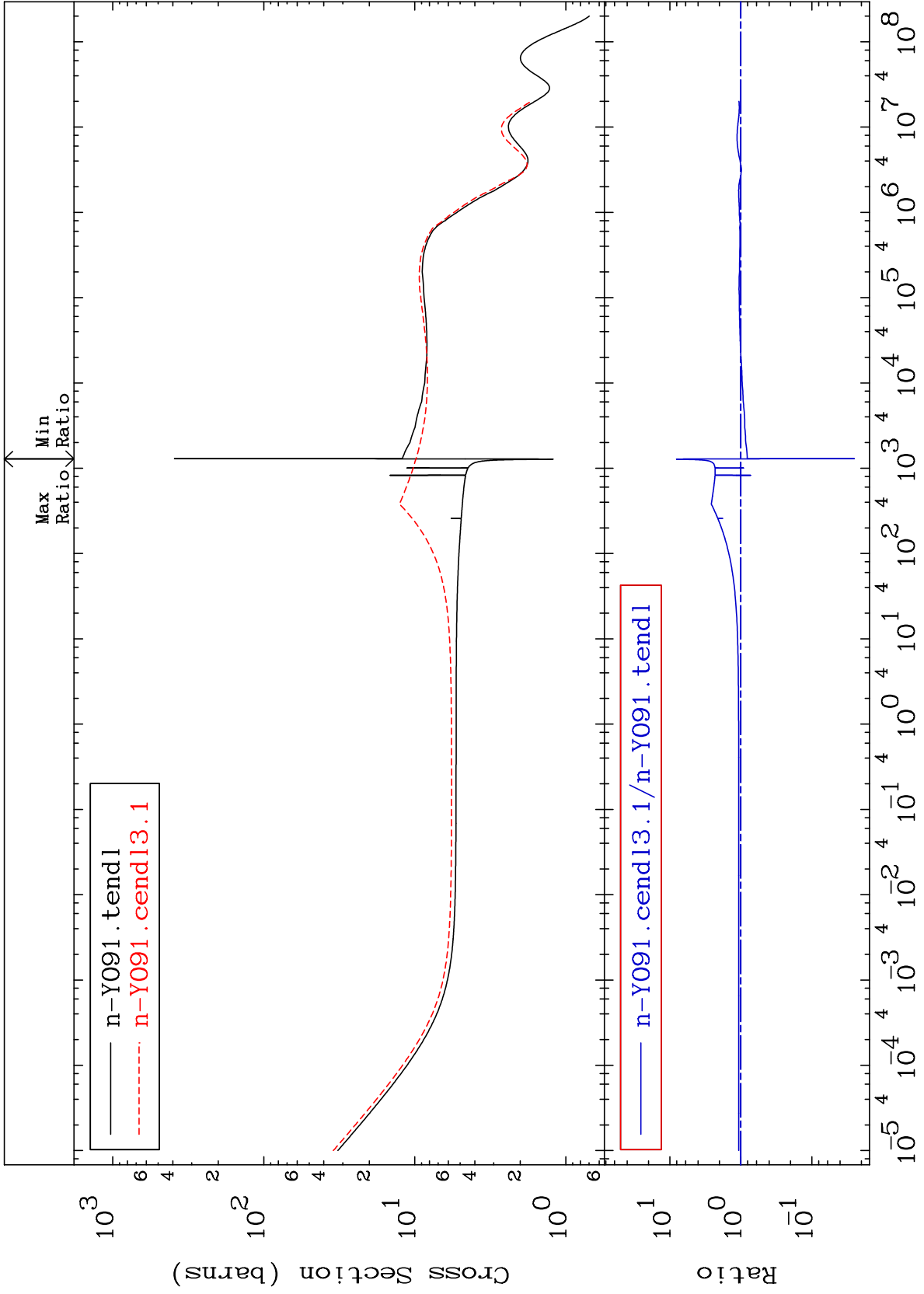
Incident Energy (eV)

39-Y -91

MAT 3931

Elastic  
Cross Section

39-Y -91  
-97.49 To 709.7 %



Incident Energy (eV)

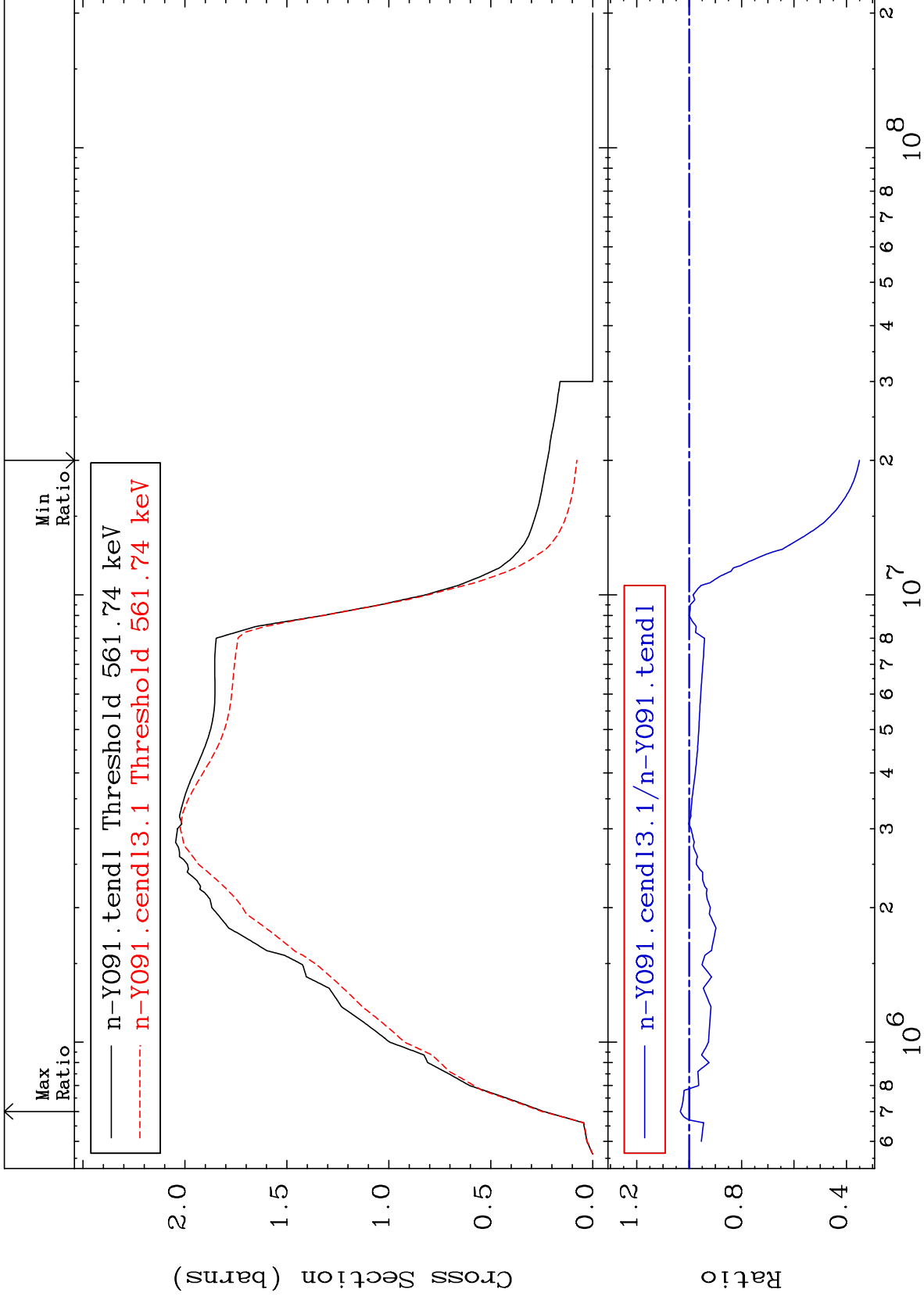
39-Y -91

2

MAT 3931

Inelastic  
Cross Section

39-Y -91  
-64.96 To 3.362 %



3

Incident Energy (eV)

39-Y -91

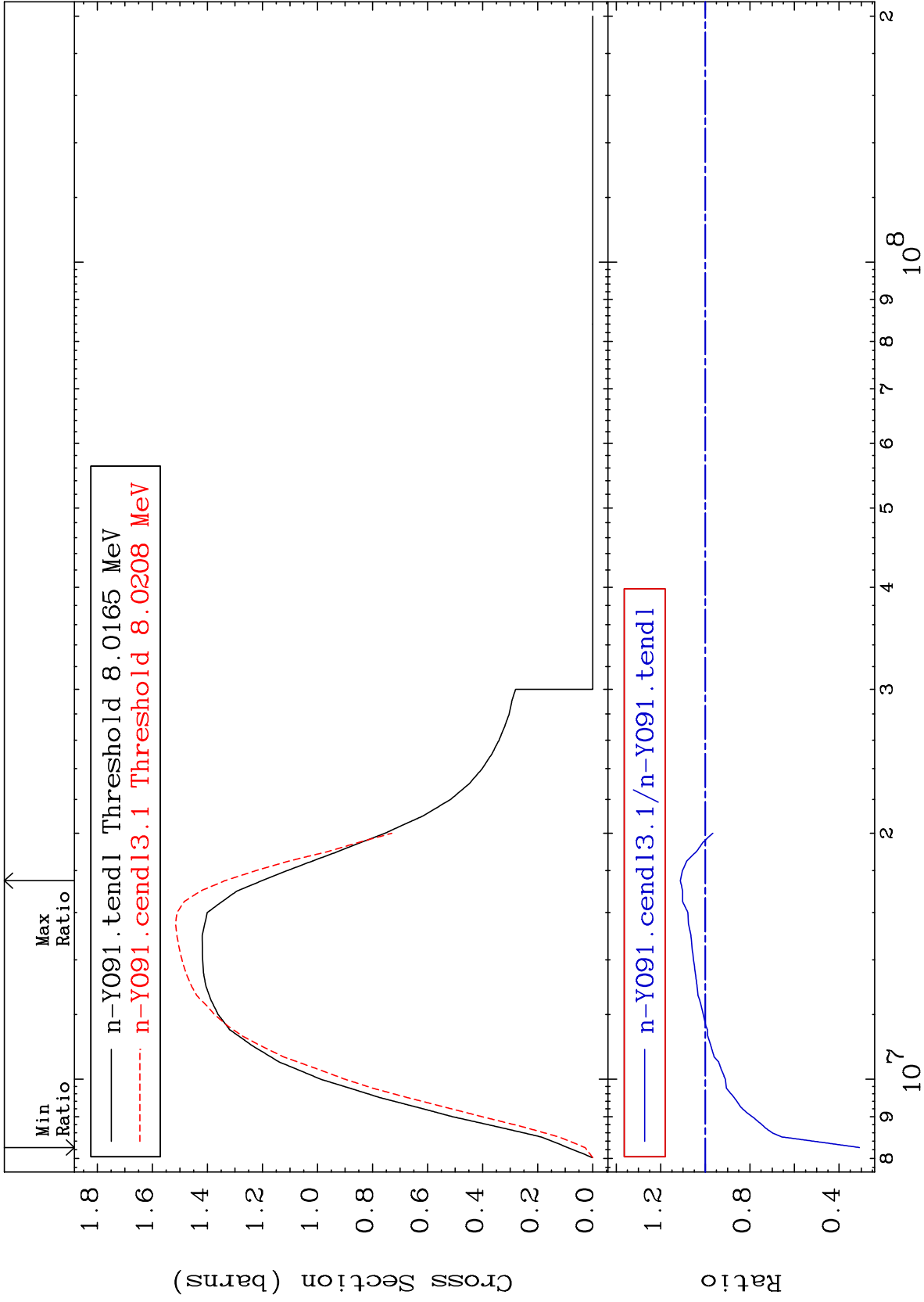
MAT 3931

(n,2n)

39-Y -91

Cross Section

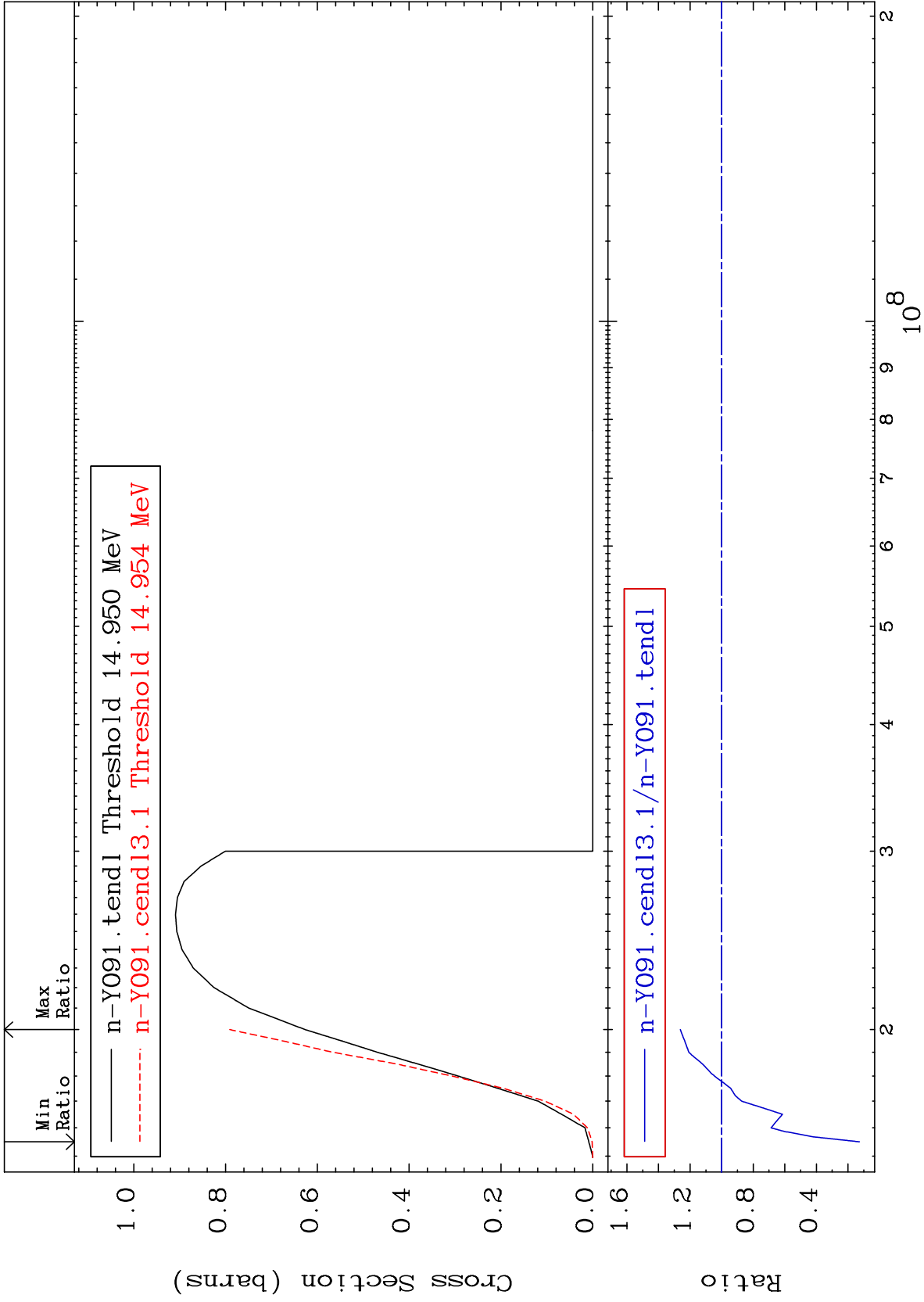
-69.16 To 11.21 %



4

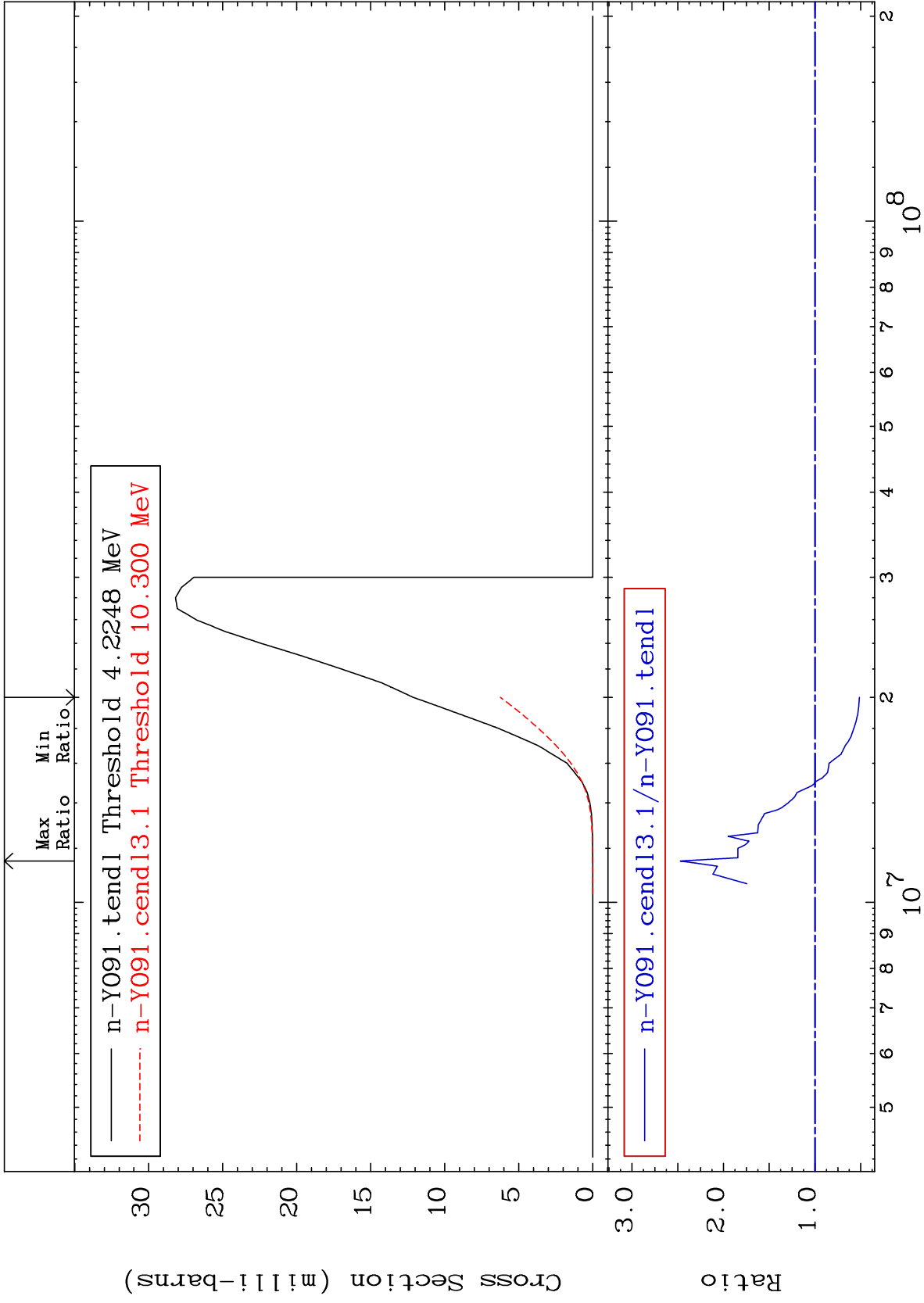
Incident Energy (eV)

39-Y -91



Cross Section

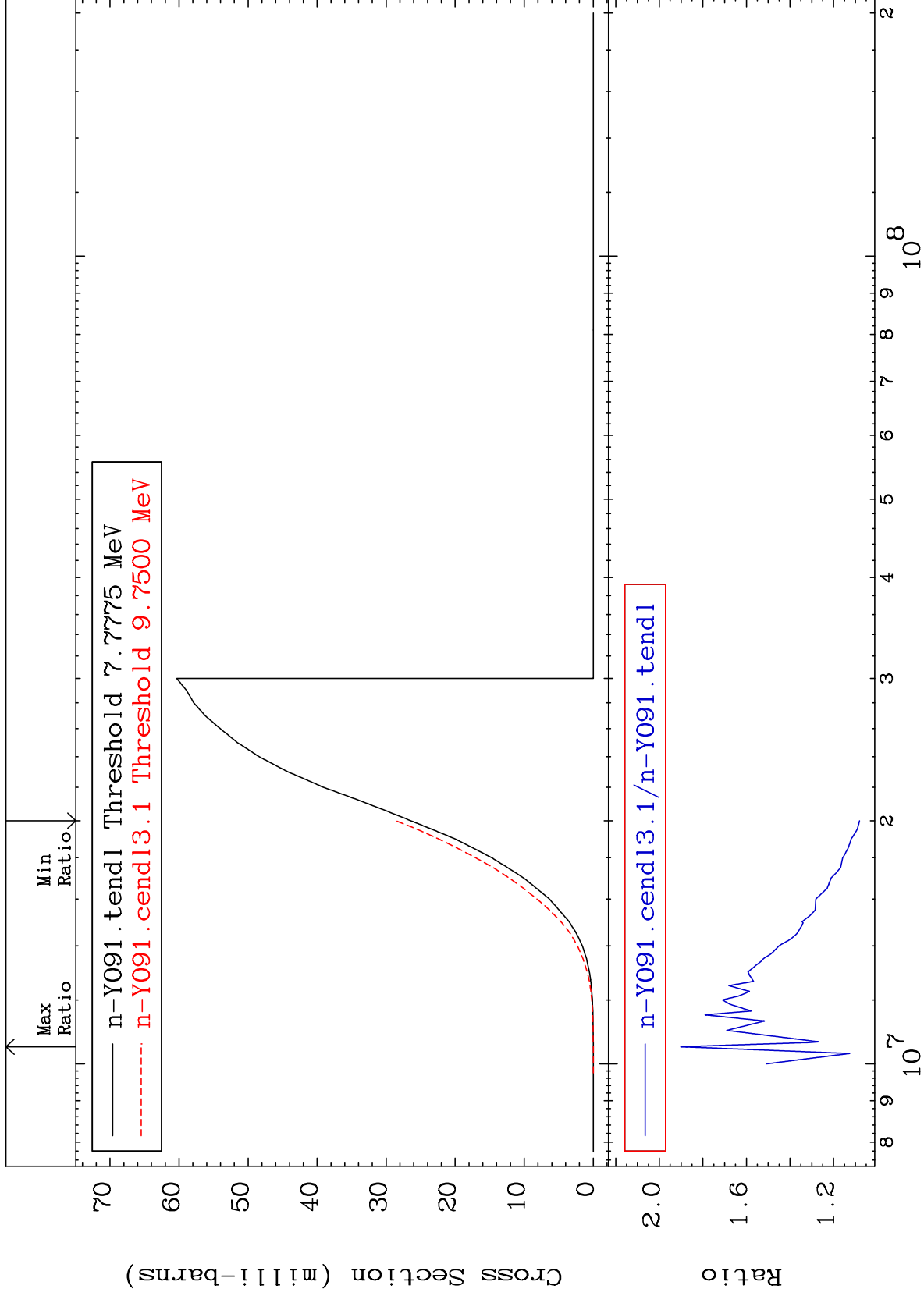
-48.57 To 147.1 %



MAT 3931

(n,n') p  
Cross Section

39-Y -91  
8.090 To 90.13 %



7

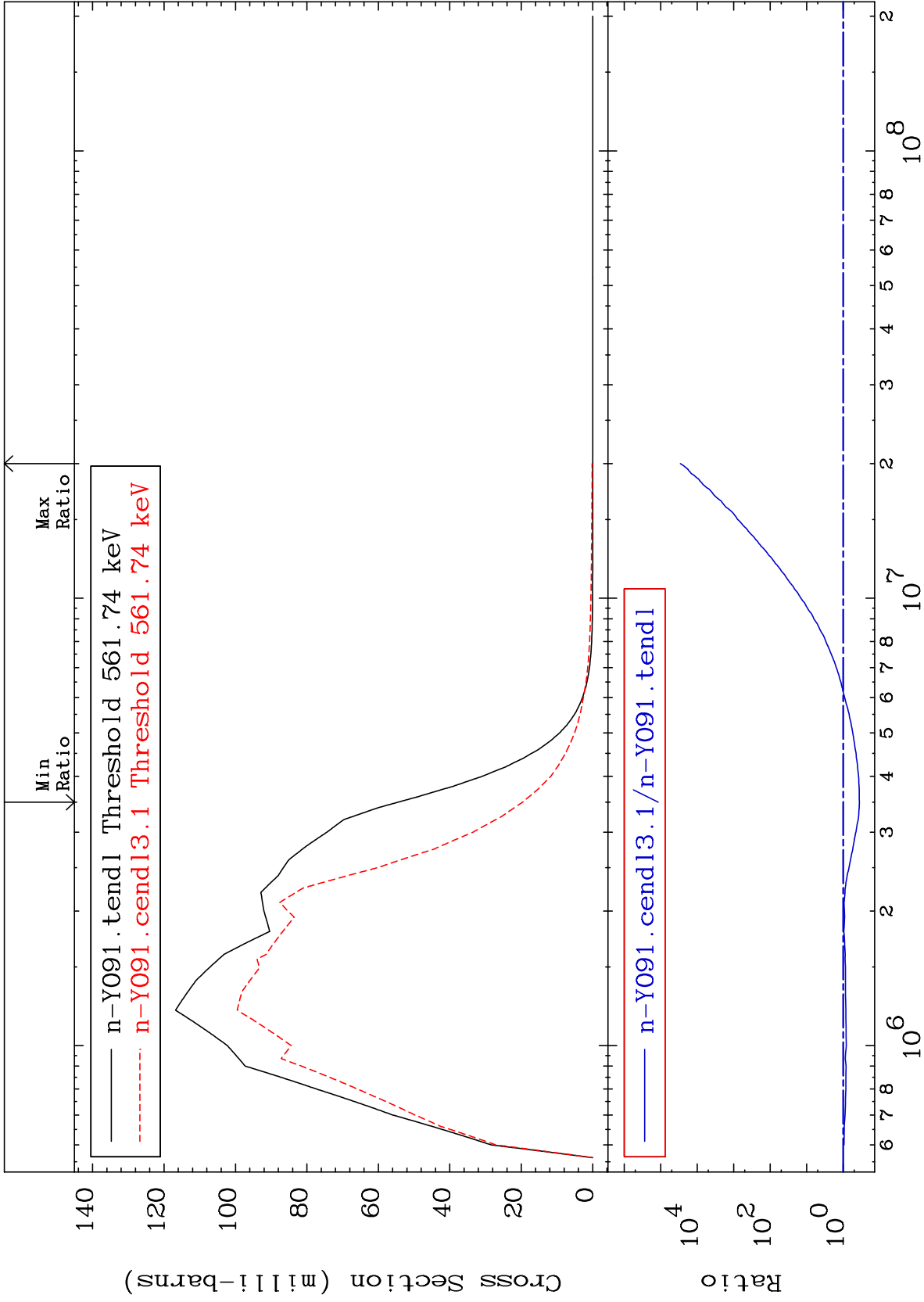
Incident Energy (eV)

39-Y -91

MAT 3931

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

39-Y -91  
-64.02 To 9999. %



8

Incident Energy (eV)

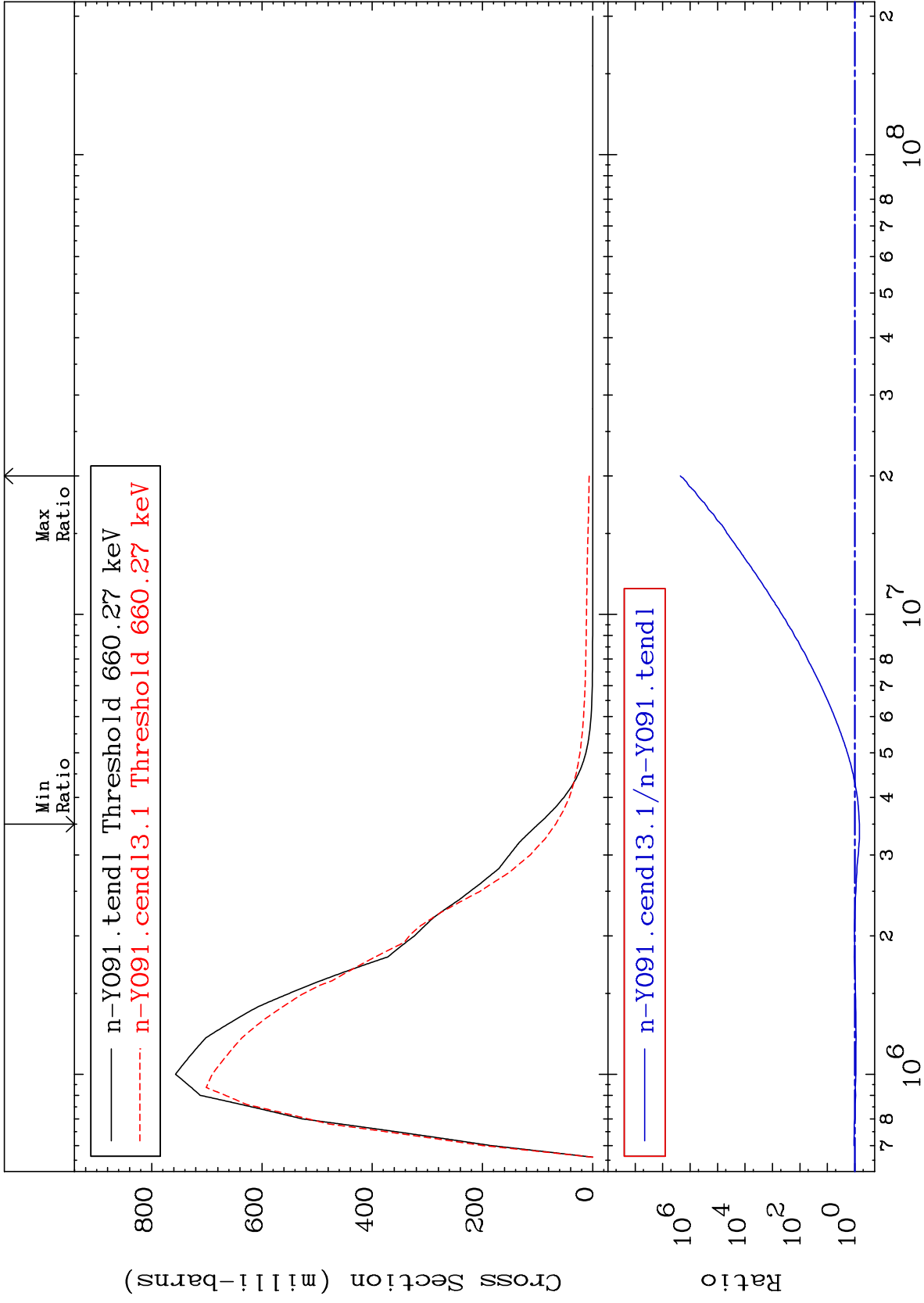
39-Y -91



MAT 3931

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

39-Y -91  
-32.01 To 9999. %



9

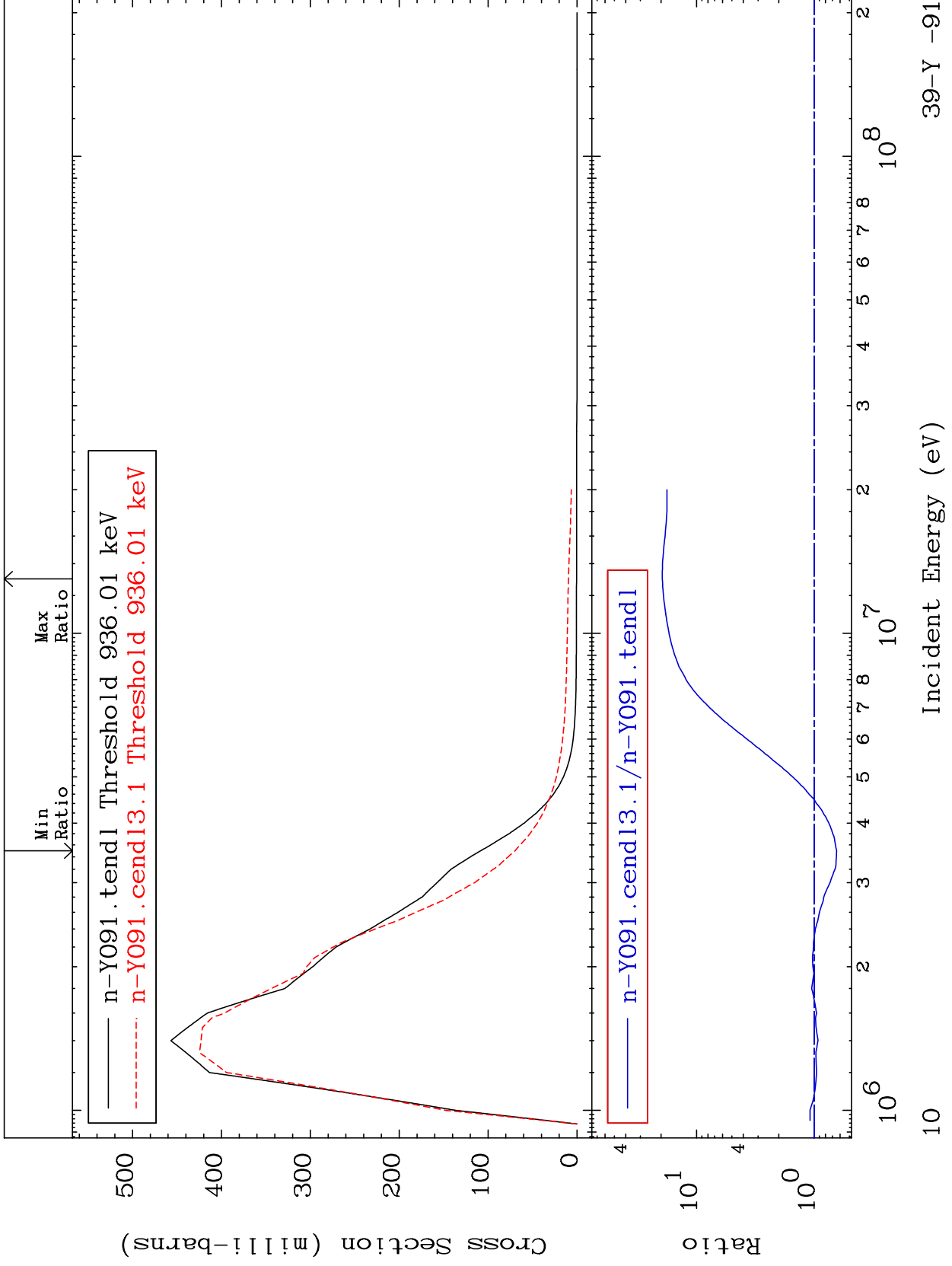
Incident Energy (eV)

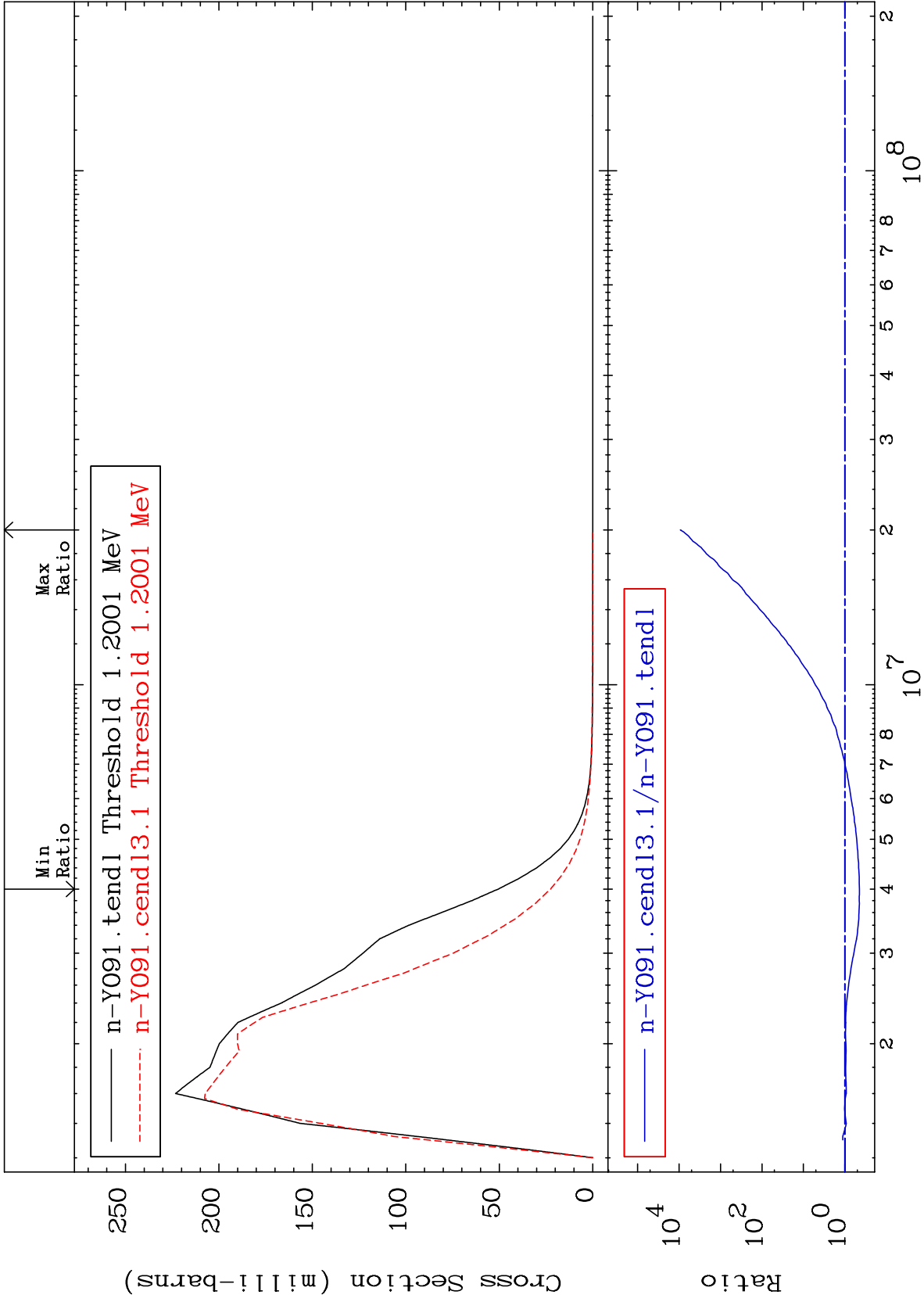
39-Y -91

MAT 3931

MT= 53 (n,n') Level  
Cross Section

39-Y -91  
-35.72 To 1854. %

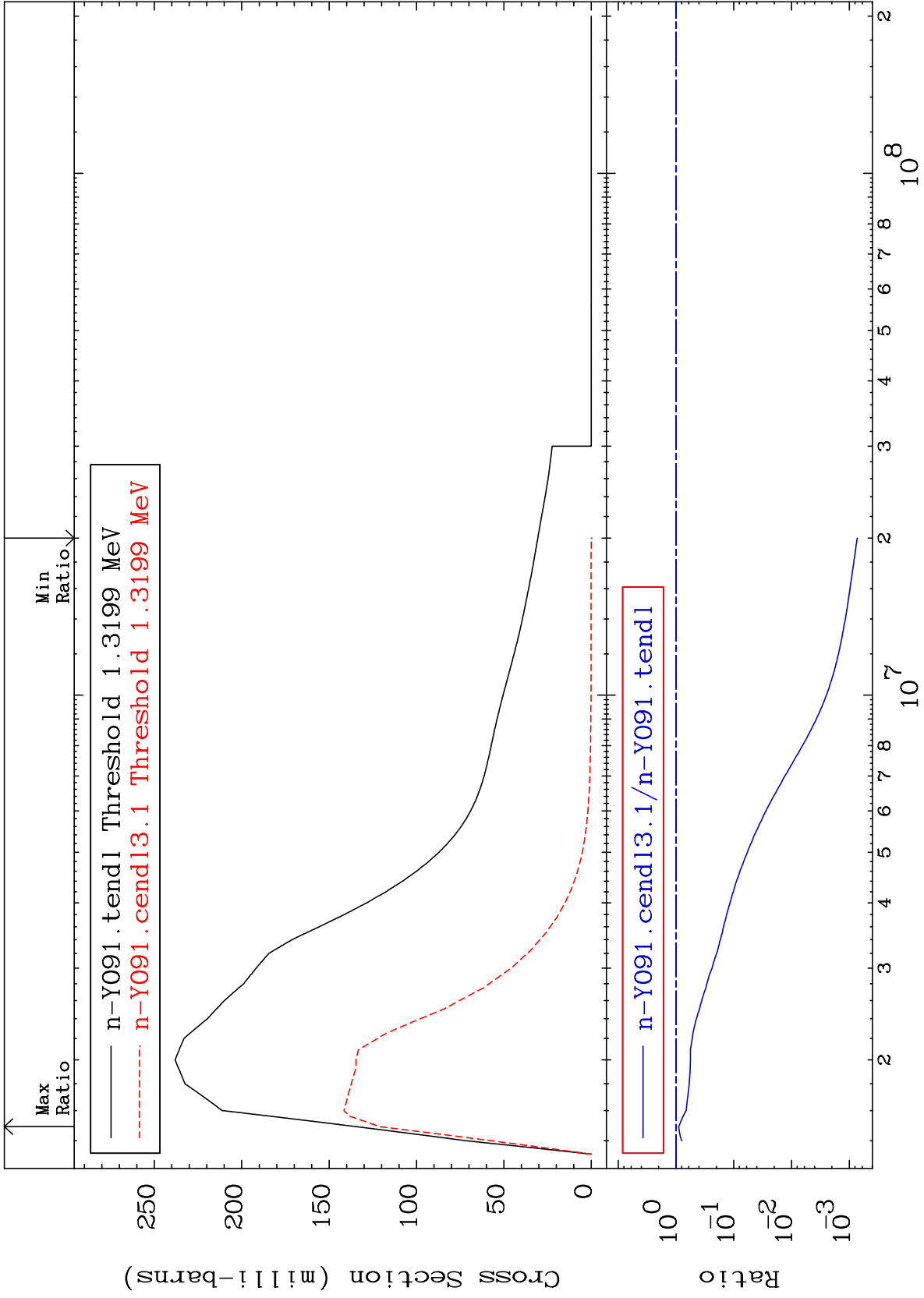


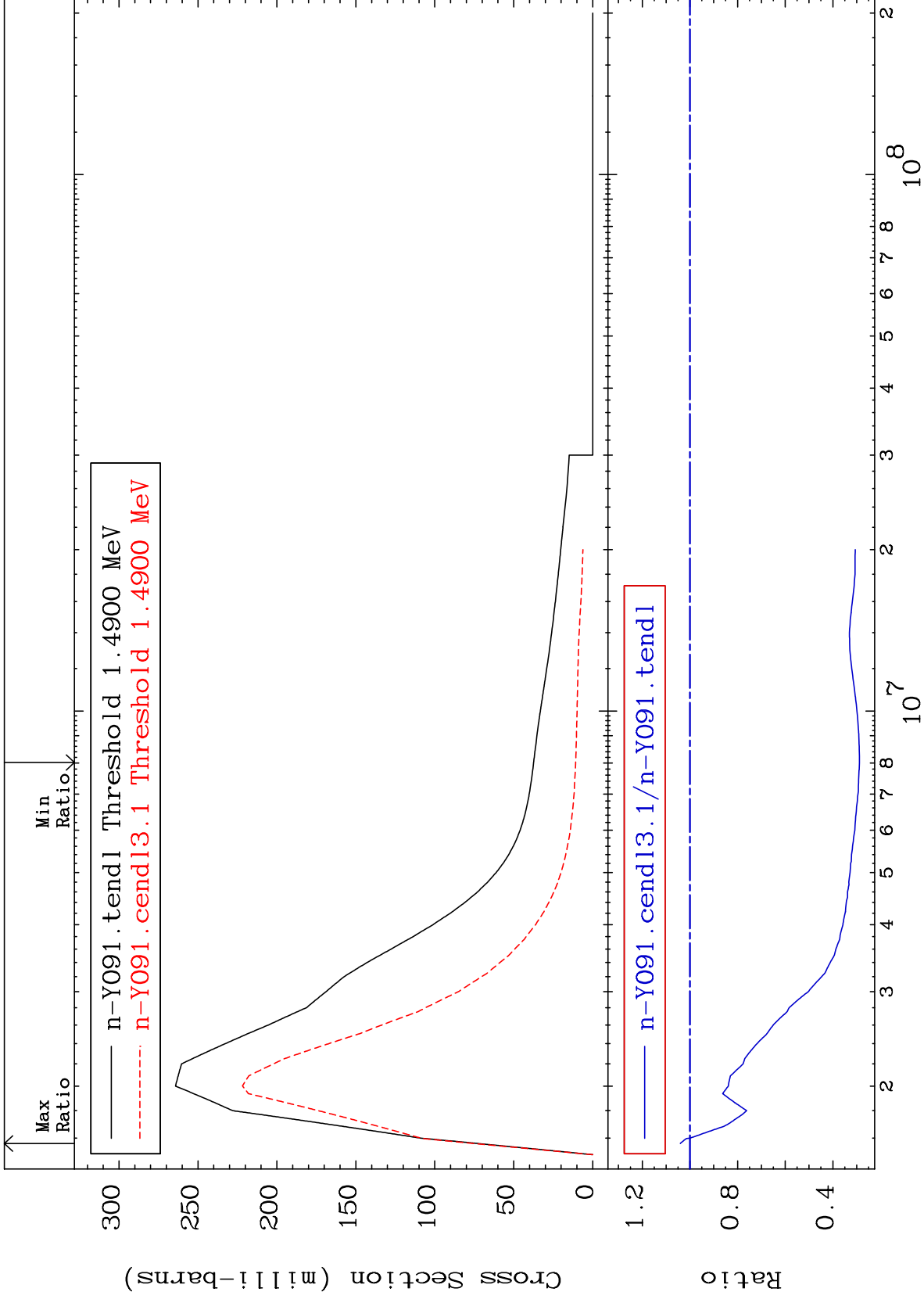


MAT 3931

MT= 55 (n,n') Level  
Cross Section

39-Y -91  
-99.93 To -9.821%

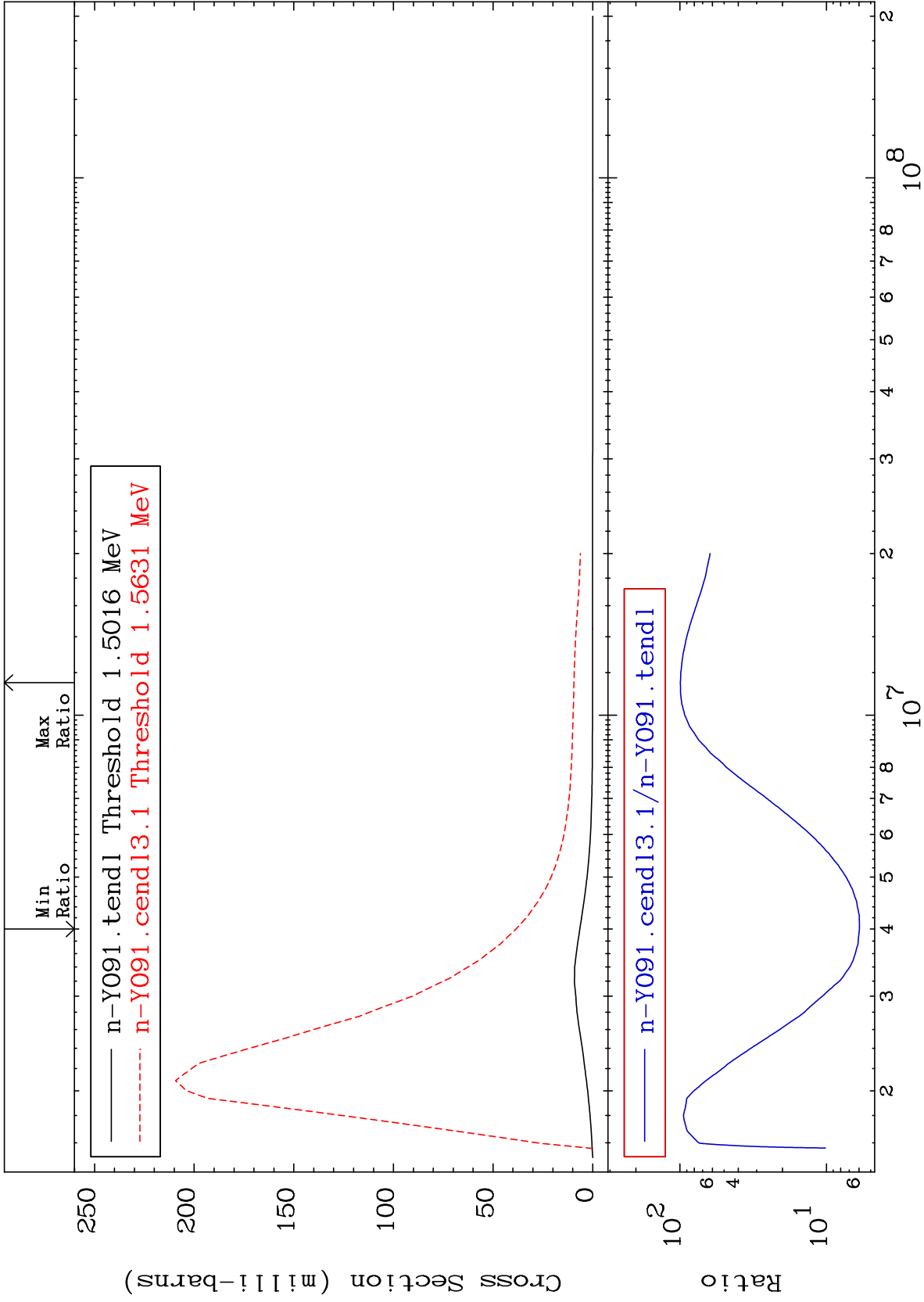




MAT 3931

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

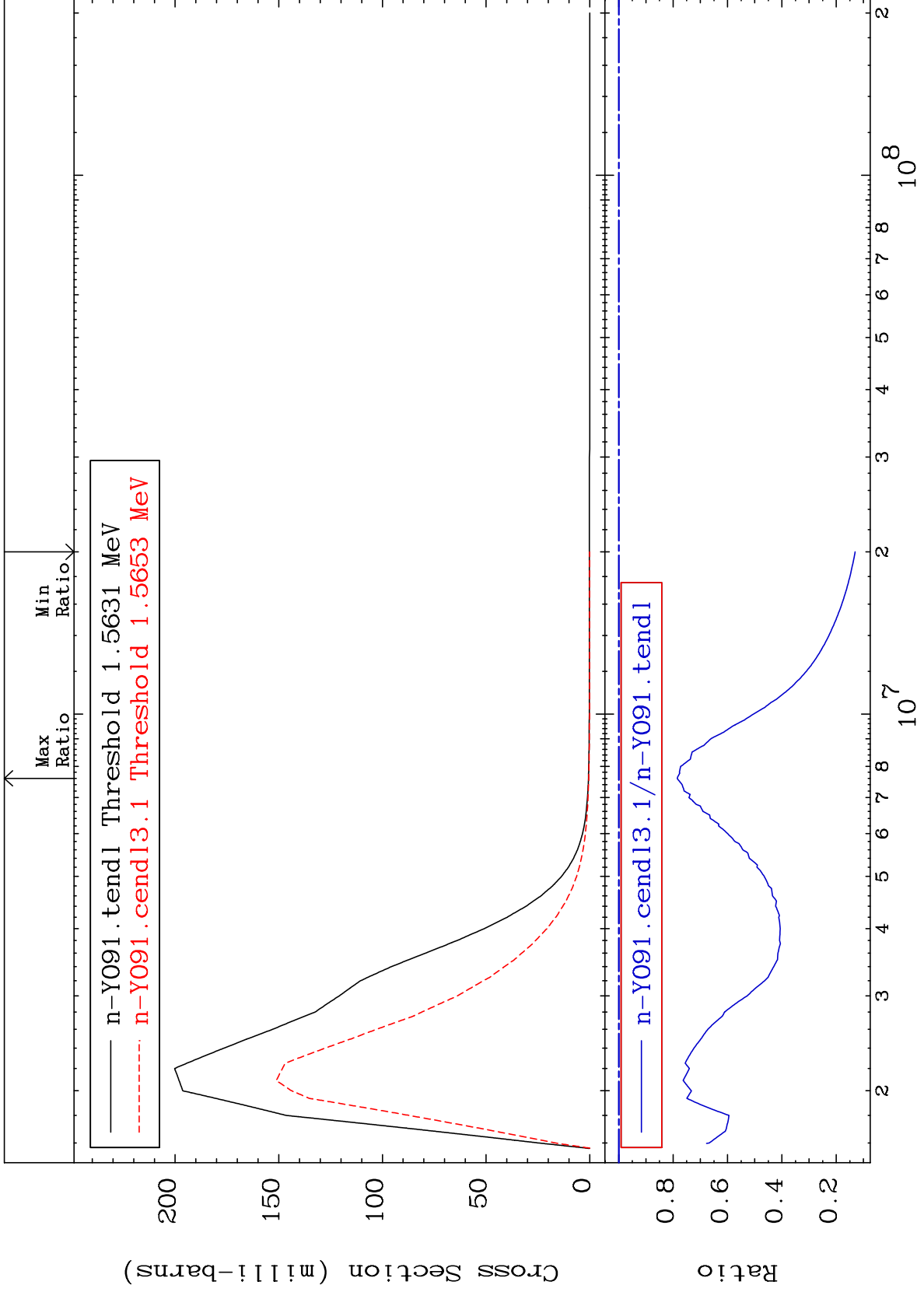
39-Y -91  
496.1 To 9843. %



MAT 3931

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

39-Y -91  
-86.92 To -21.39%



15

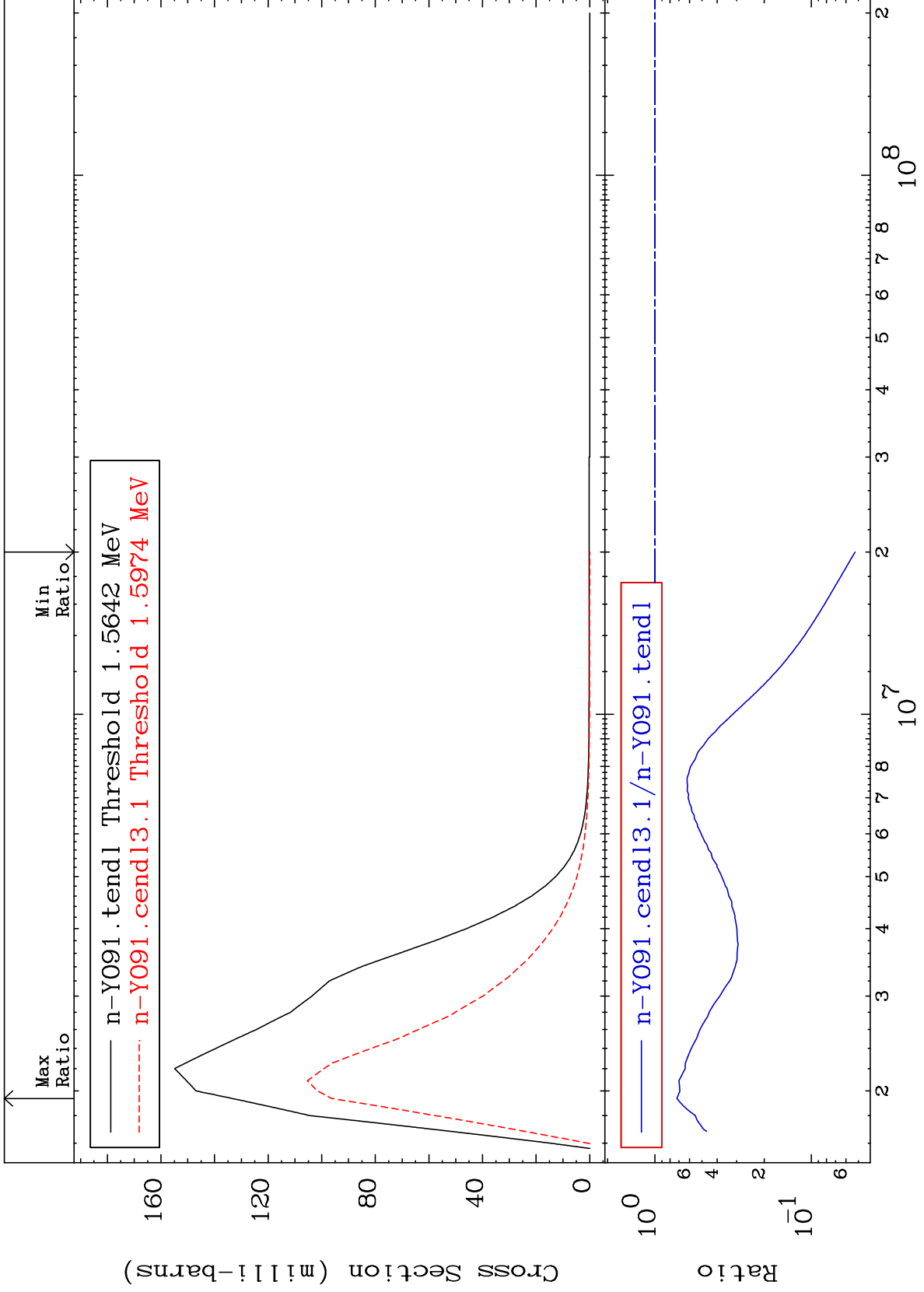
Incident Energy (eV)

39-Y -91

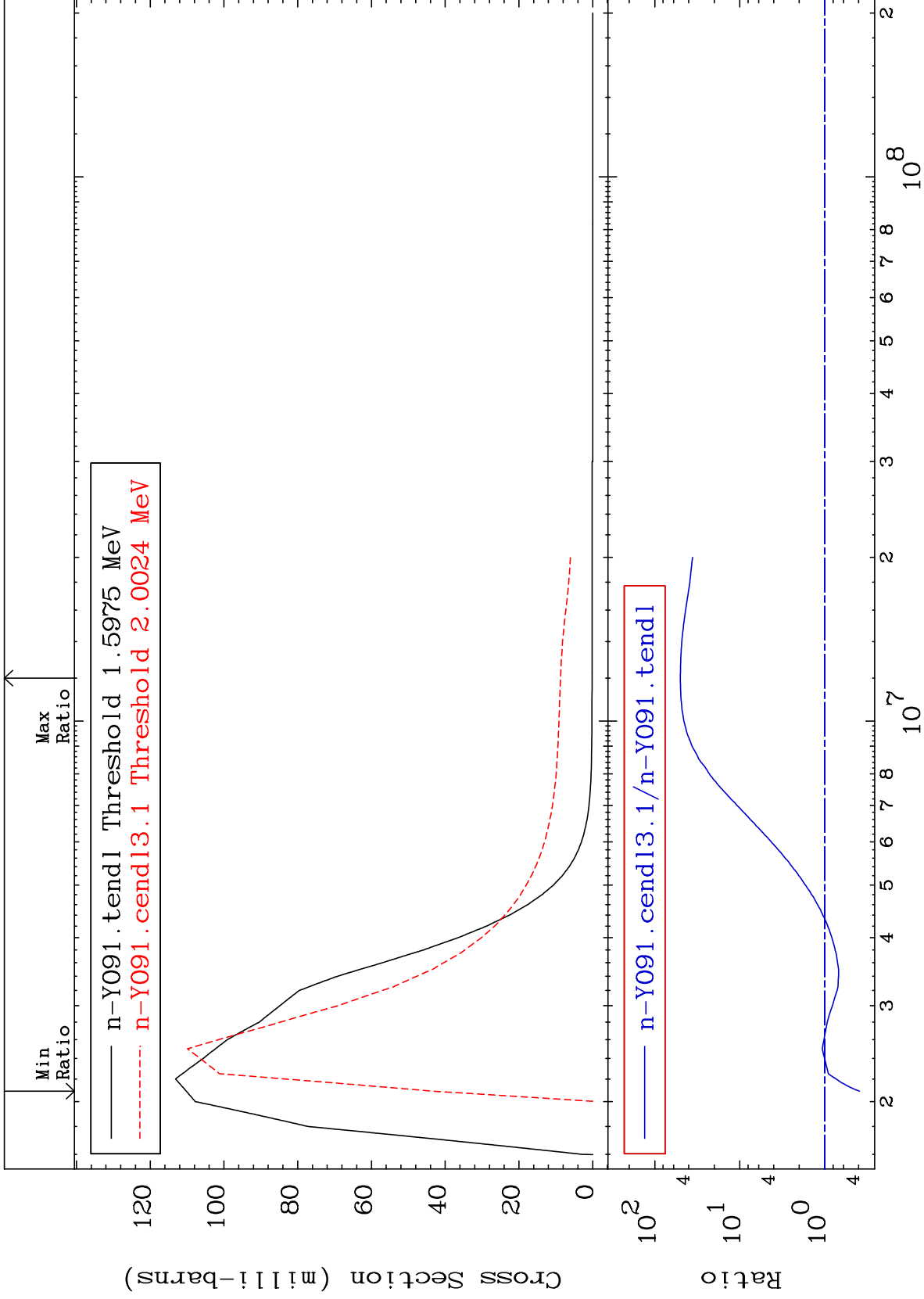
MAT 3931

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

39-Y -91  
-94.75 To -27.79%



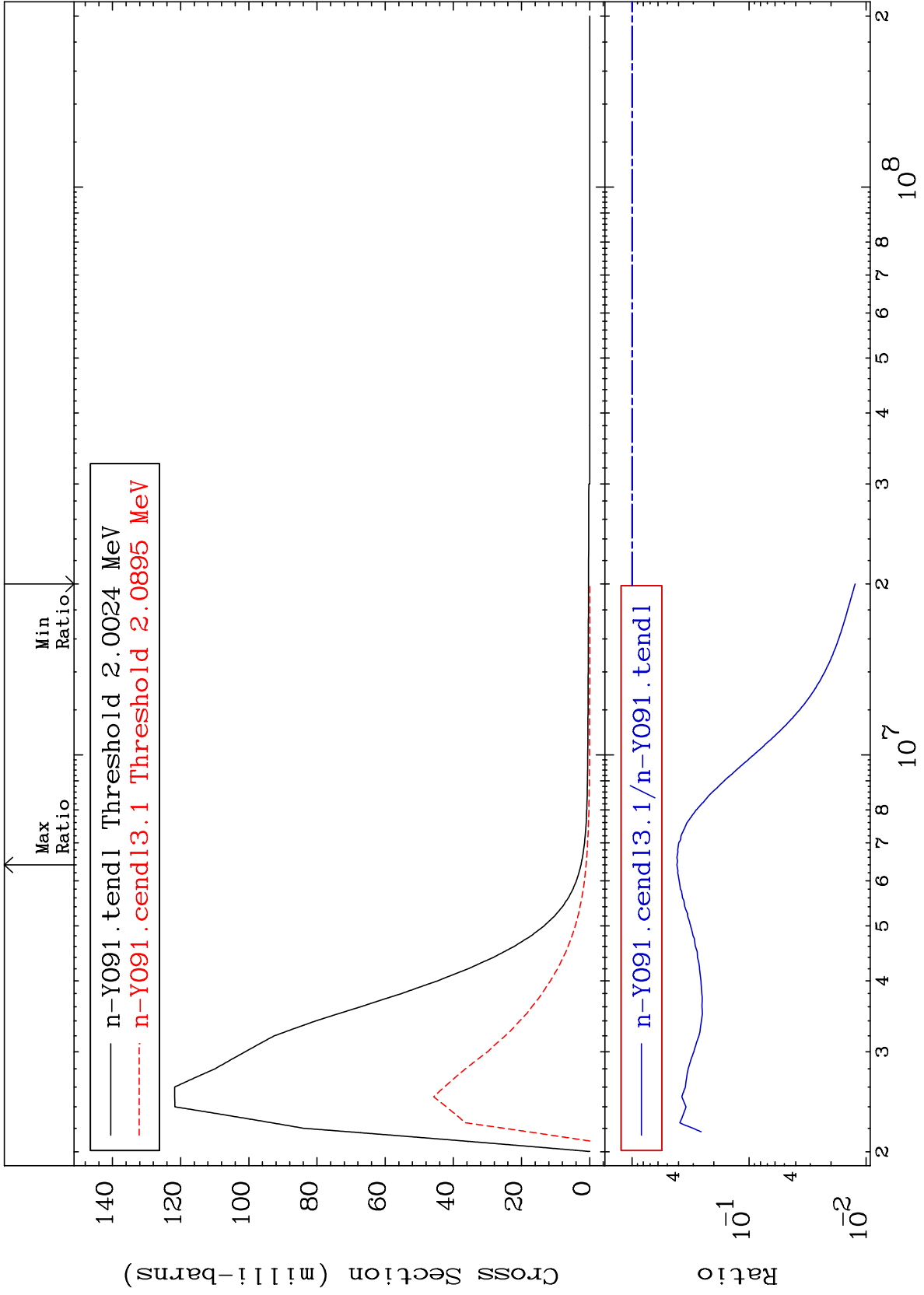




MAT 3931

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

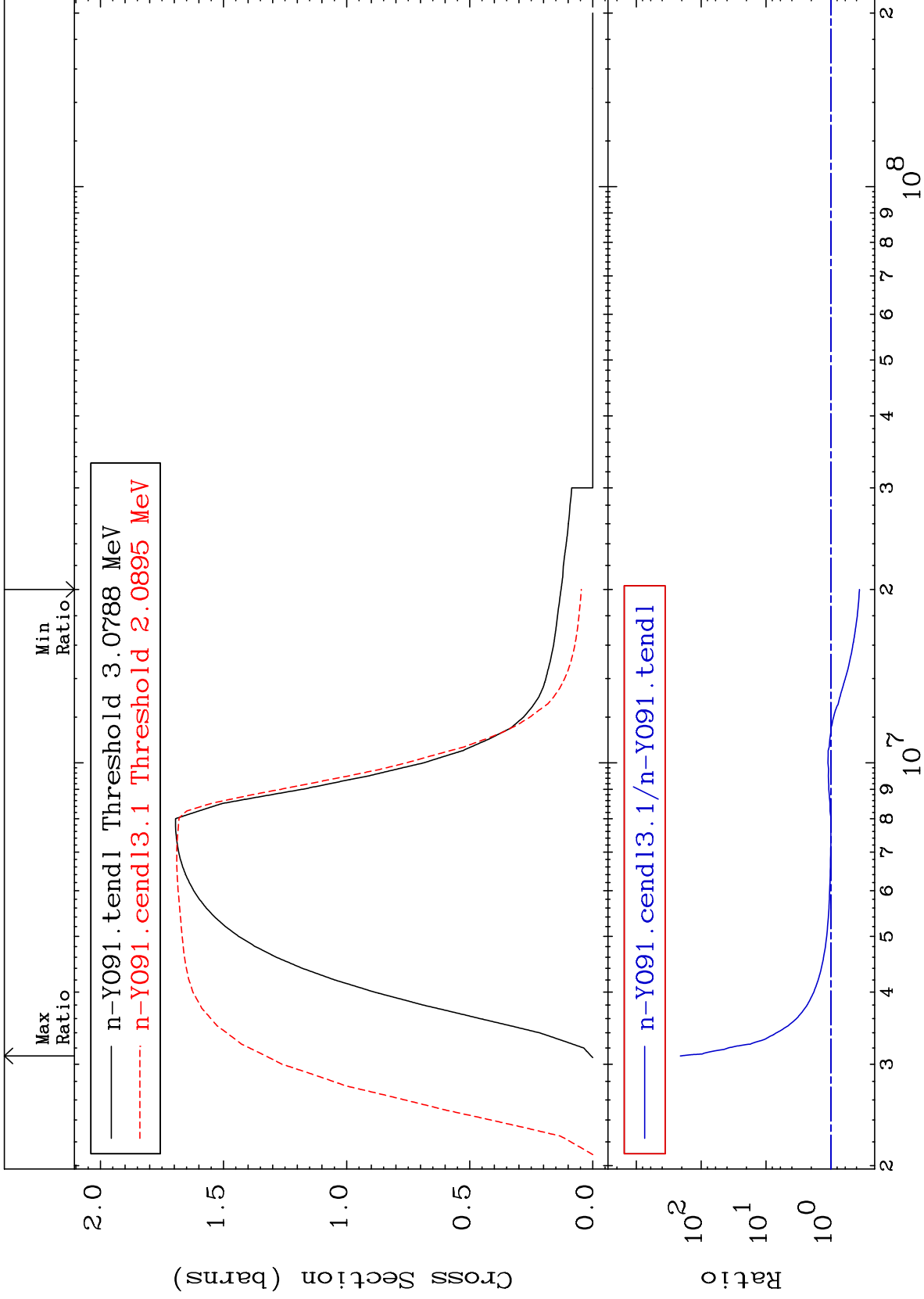
39-Y -91  
-98.76 To -58.65%



18

Incident Energy (eV)

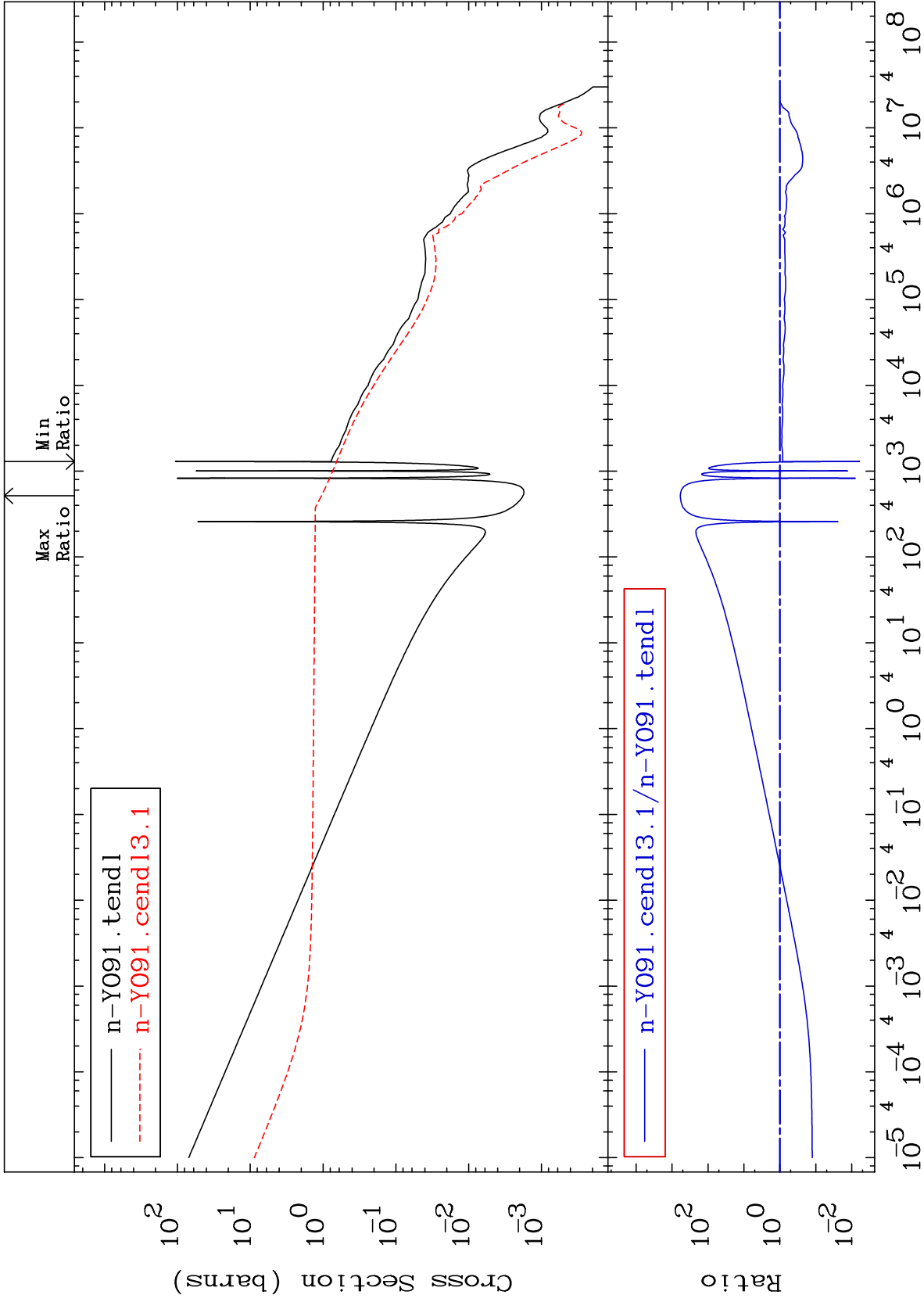
39-Y -91



MAT 3931

(n,  $\gamma$ )  
Cross Section

39-Y -91  
-99.39 To 9999. %



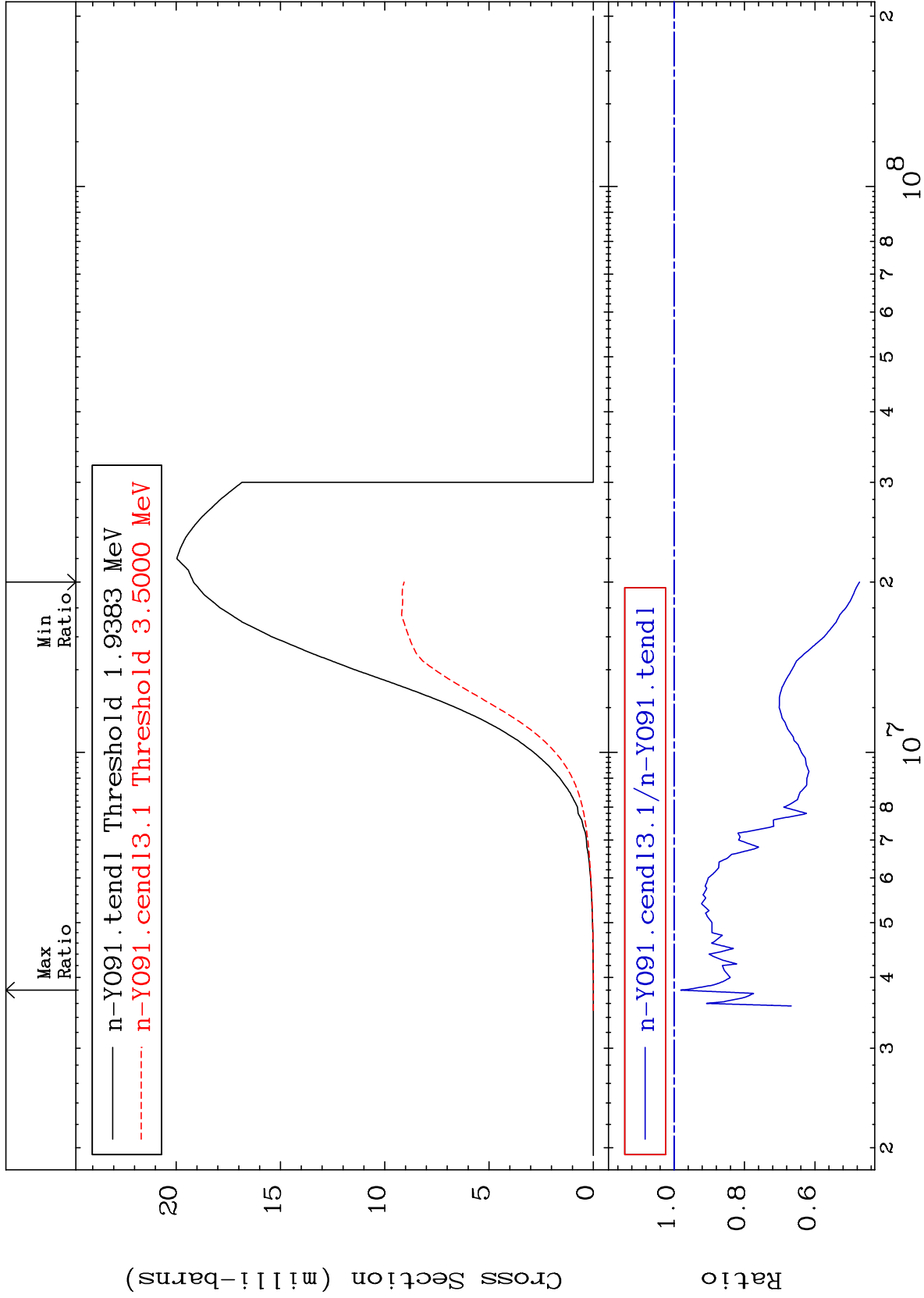
MAT 3931

(n,p)

Cross Section

39-Y -91

-52.68 To -1.893%



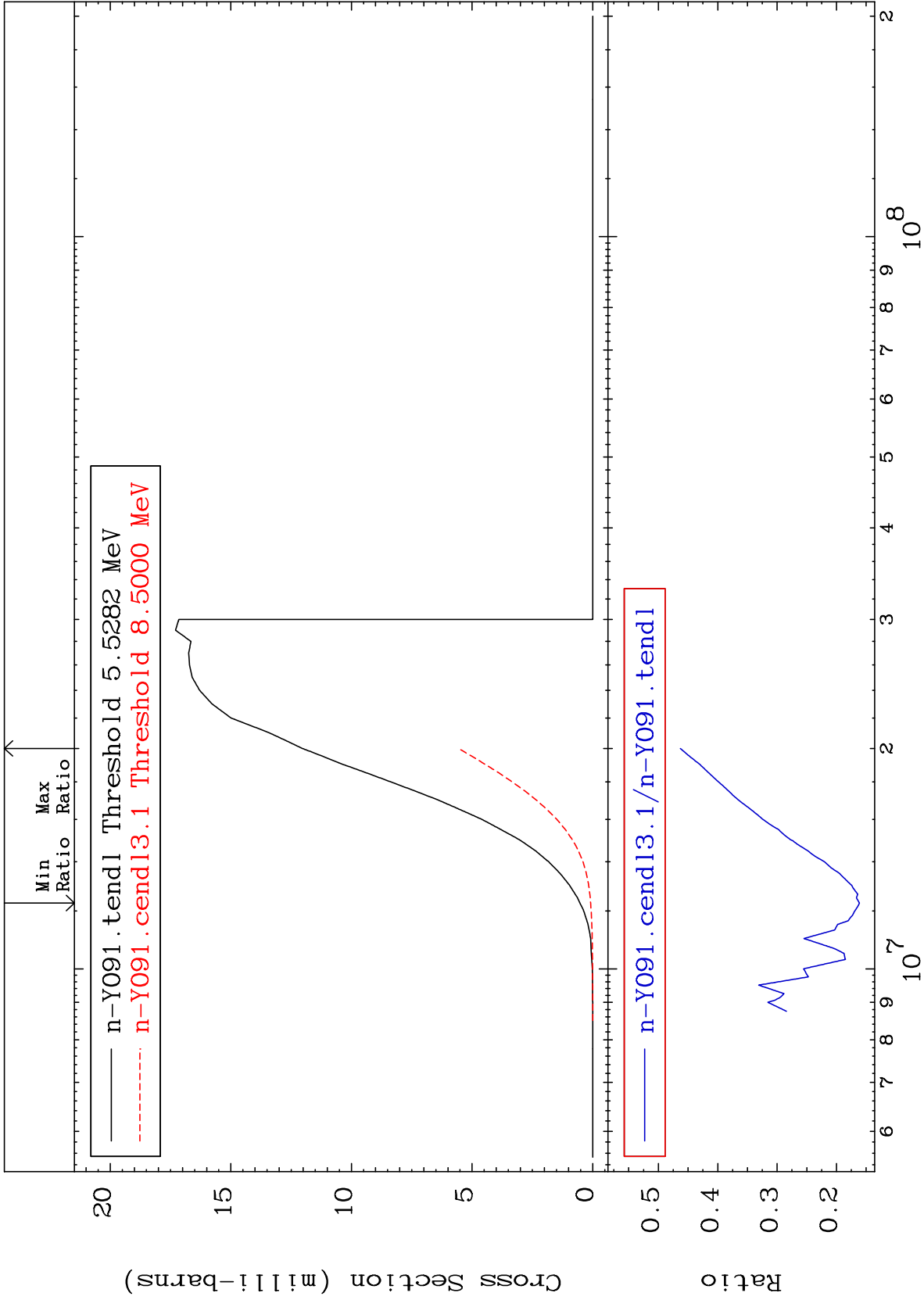
21

Incident Energy (eV)

39-Y -91

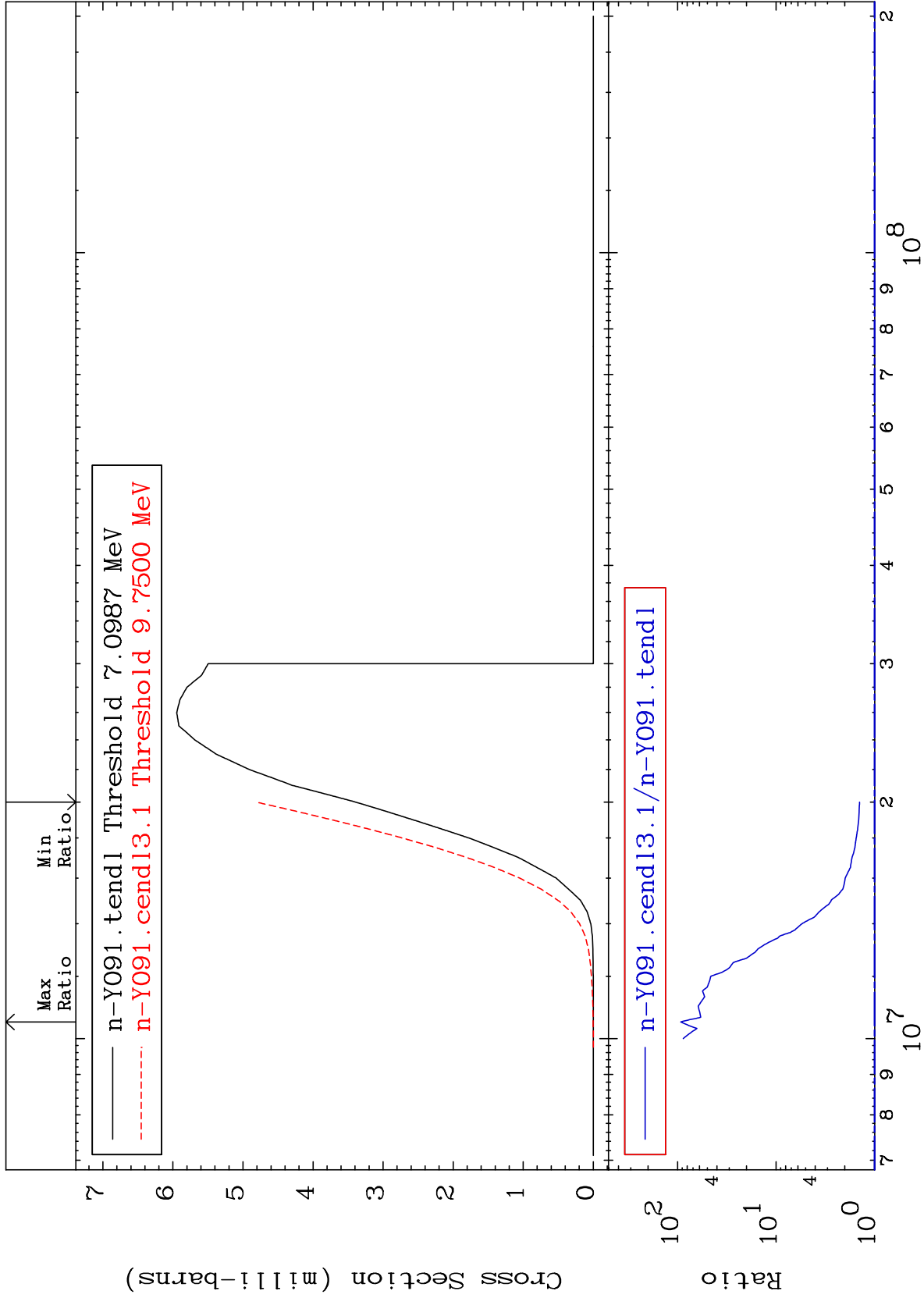
Cross Section

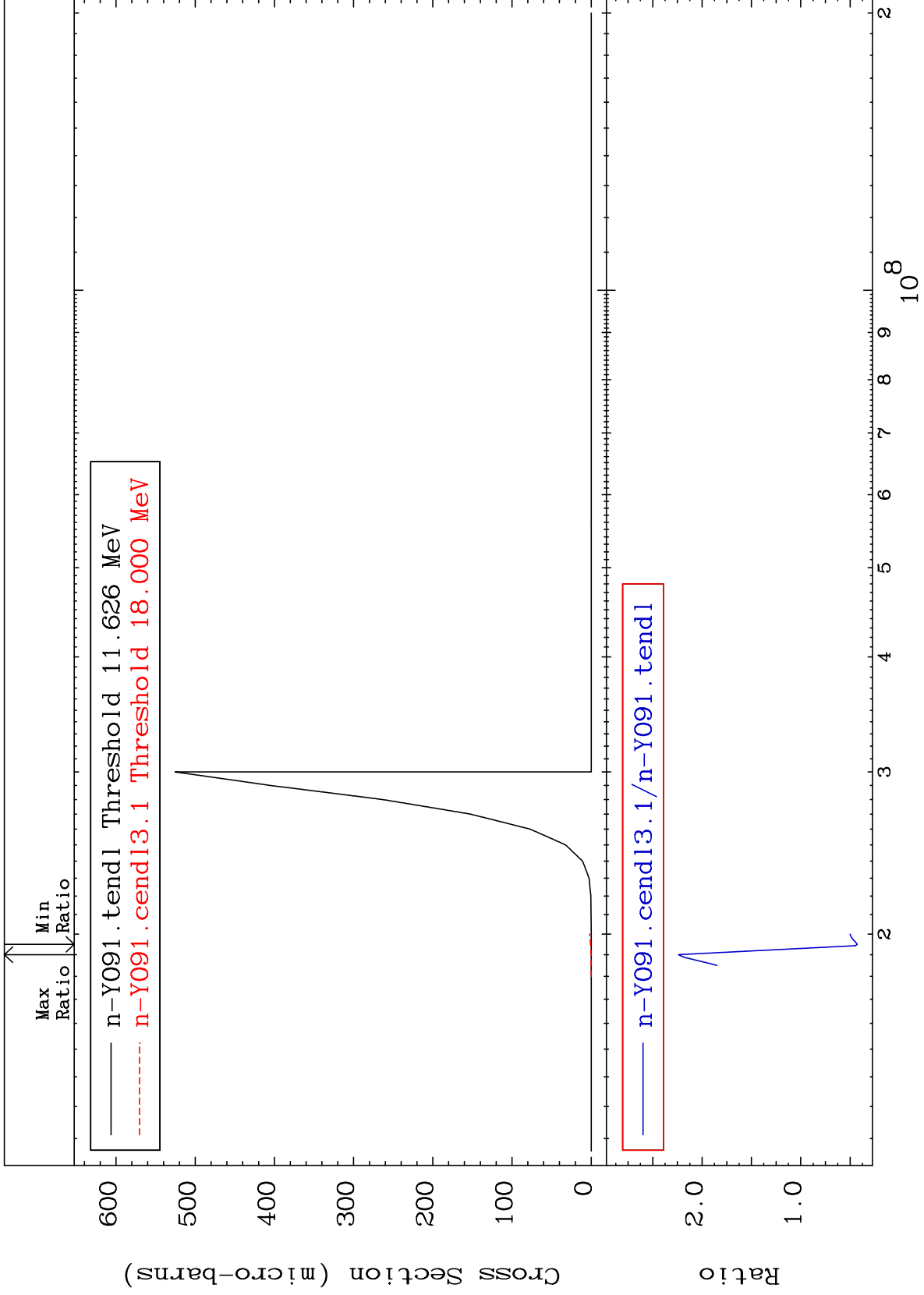
-83.87 To -53.70%



Cross Section

41.85 To 9205. %







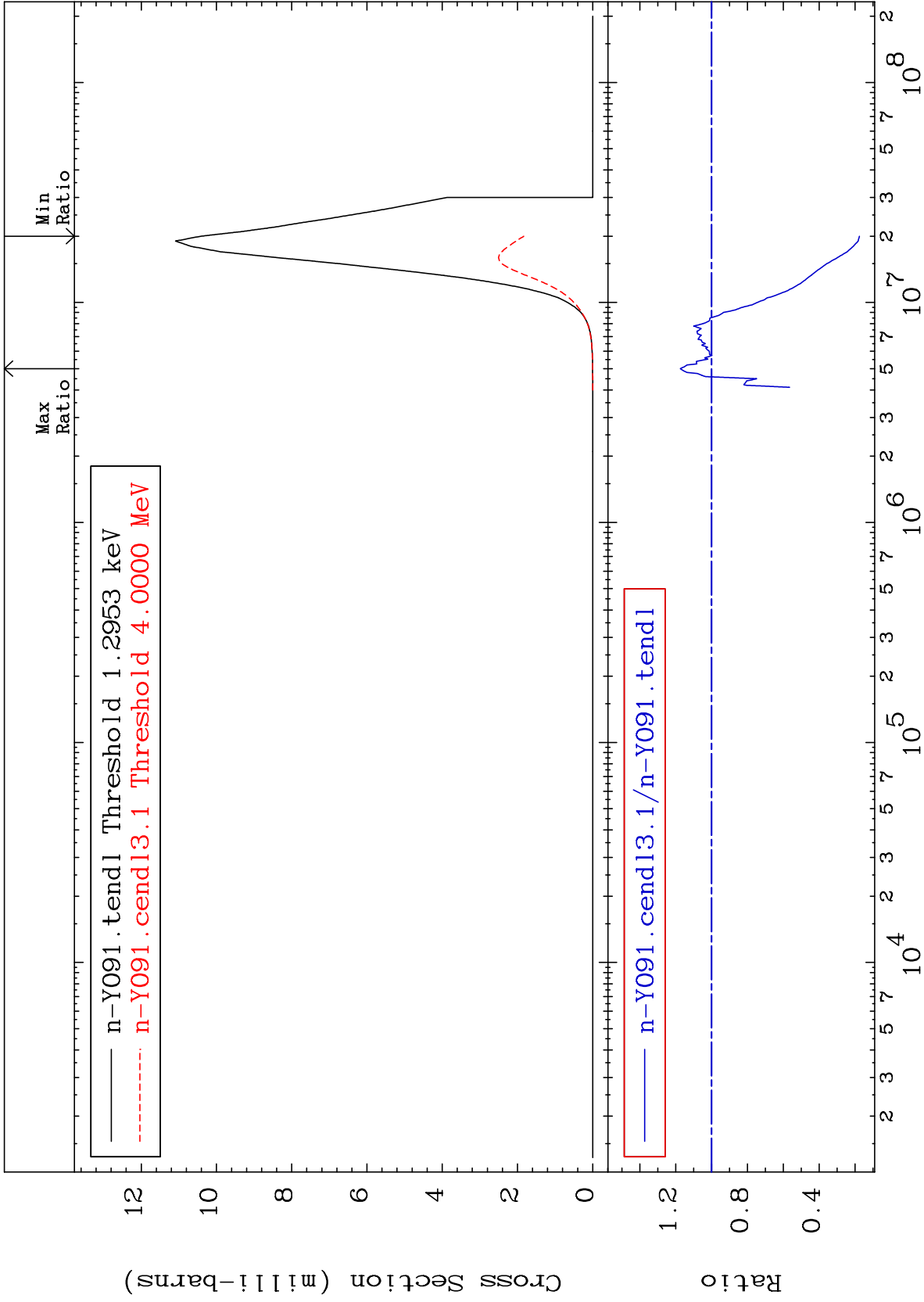
MAT 3931

(n,  $\alpha$ )

Cross Section

39-Y -91

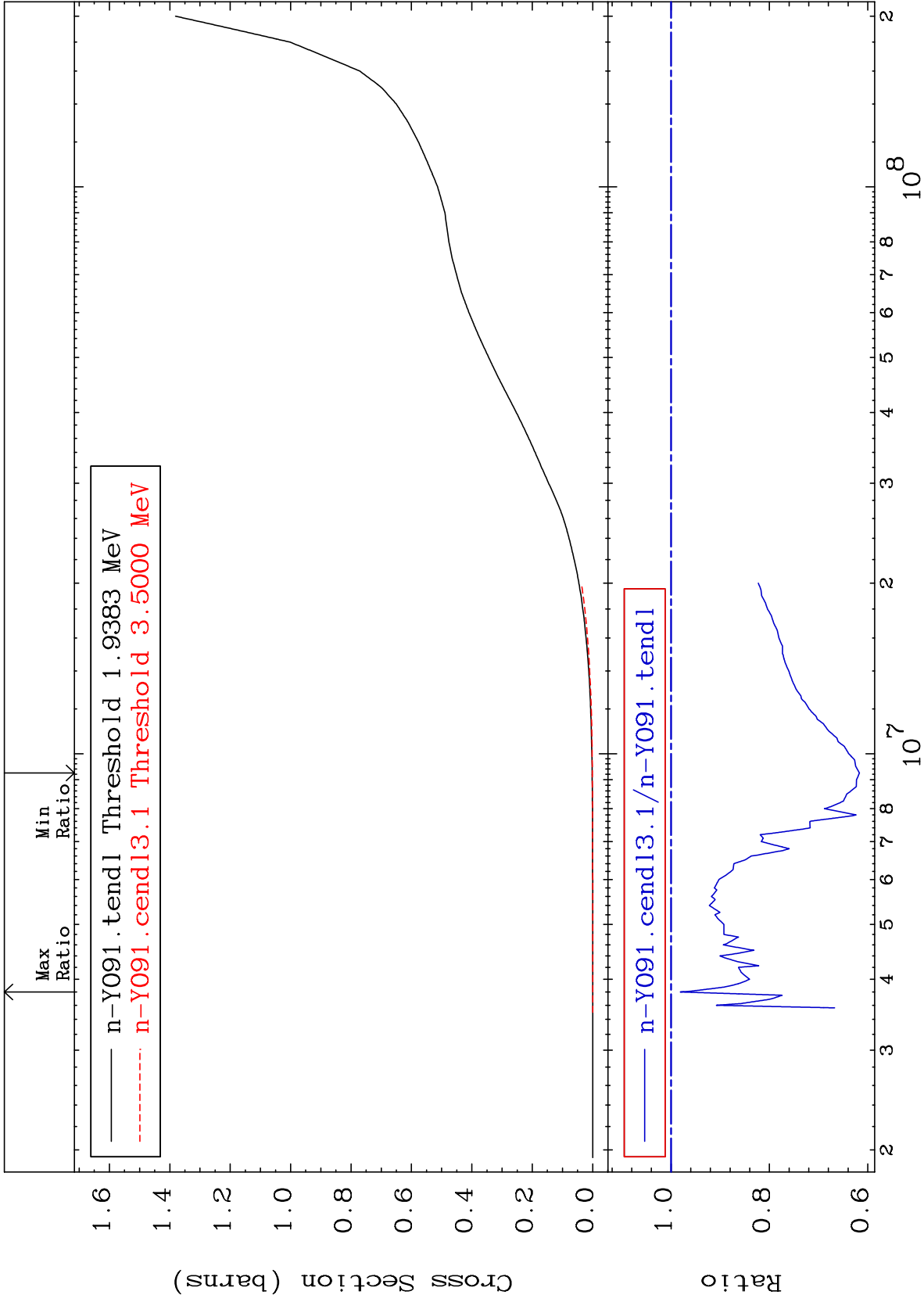
-82.41 To 17.46 %

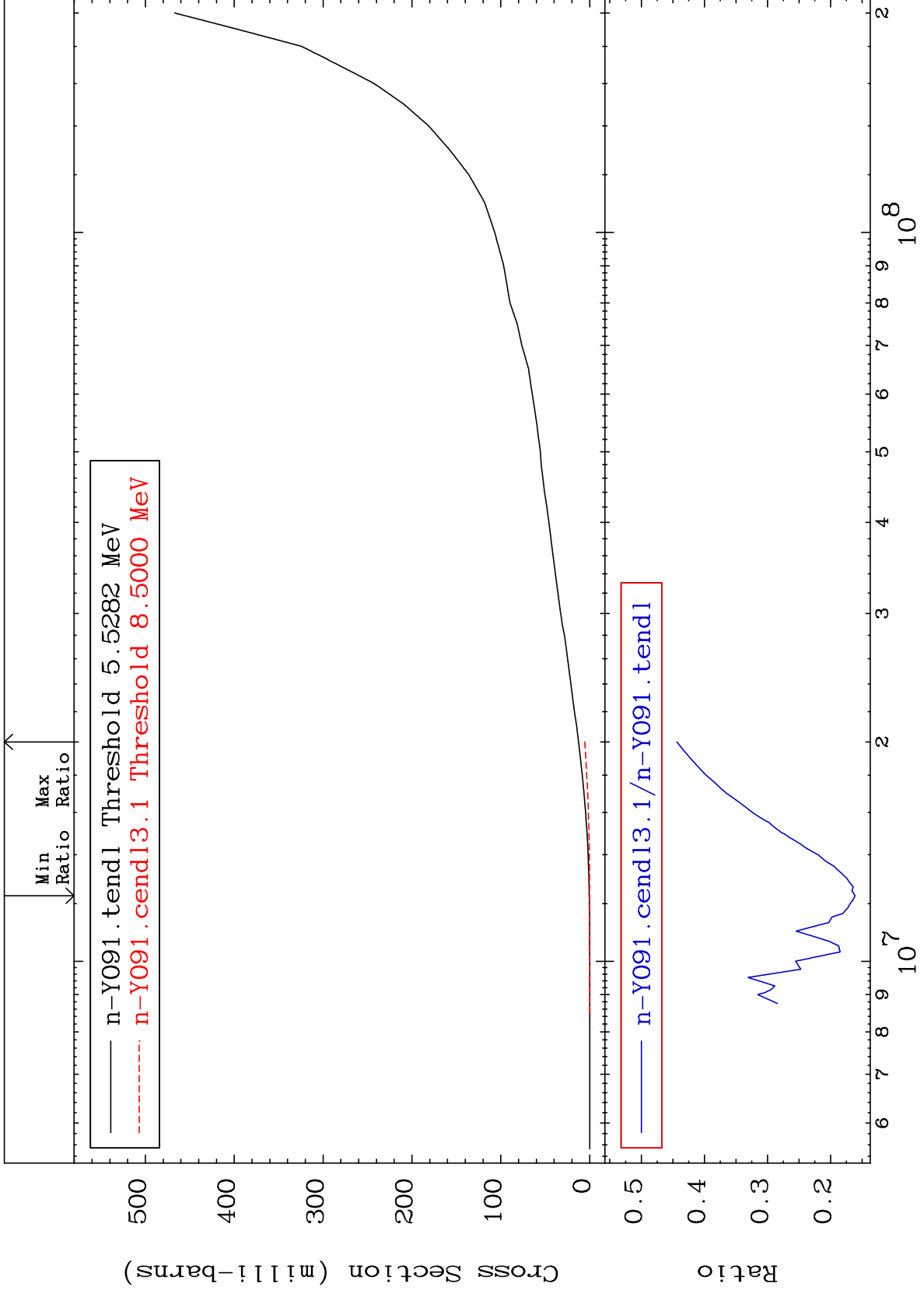


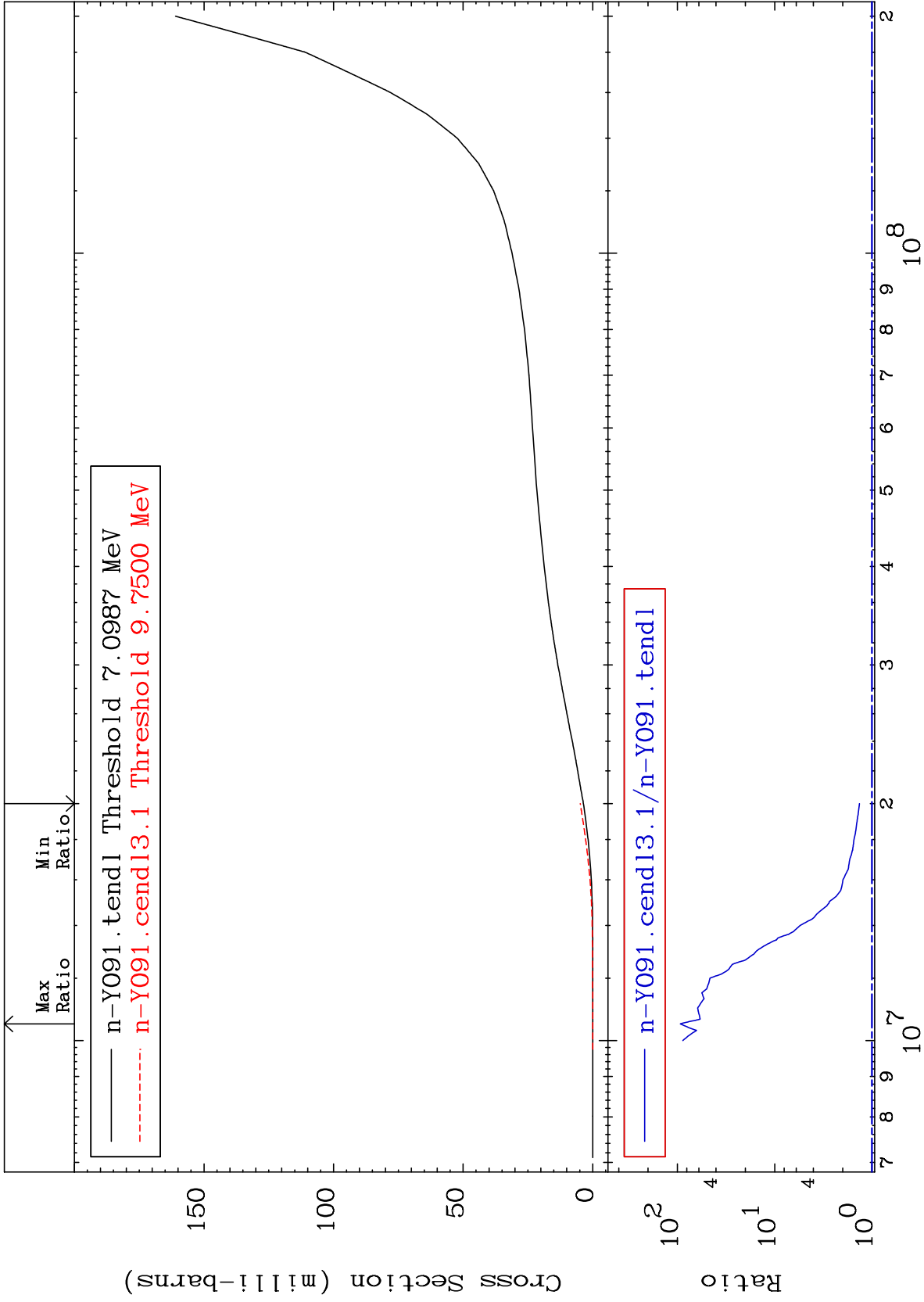
25

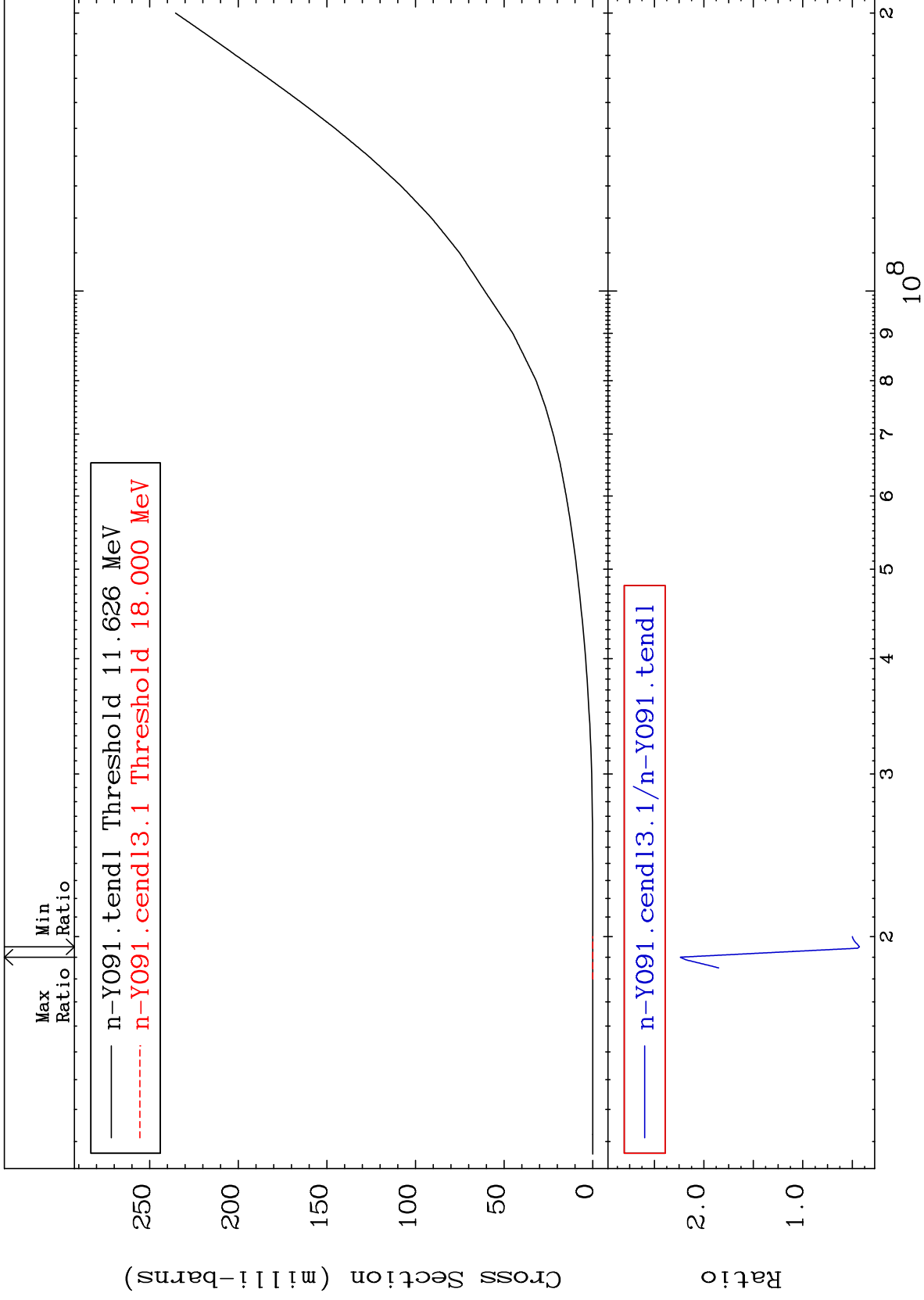
Incident Energy (eV)

39-Y -91





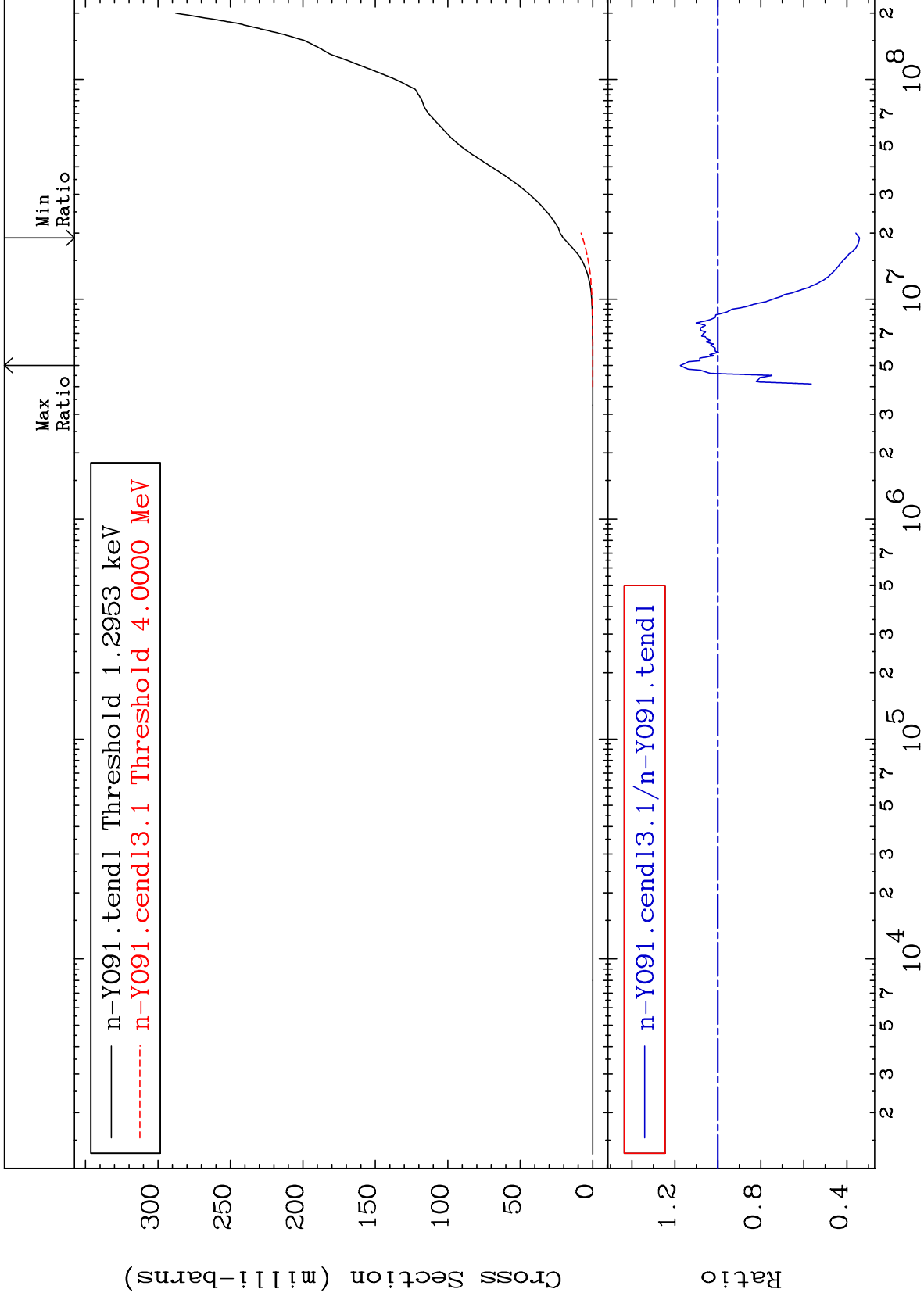




MAT 3931

He-4 Production  
Cross Section

39-Y -91  
-65.87 To 17.46 %



30

Incident Energy (eV)

39-Y -91

