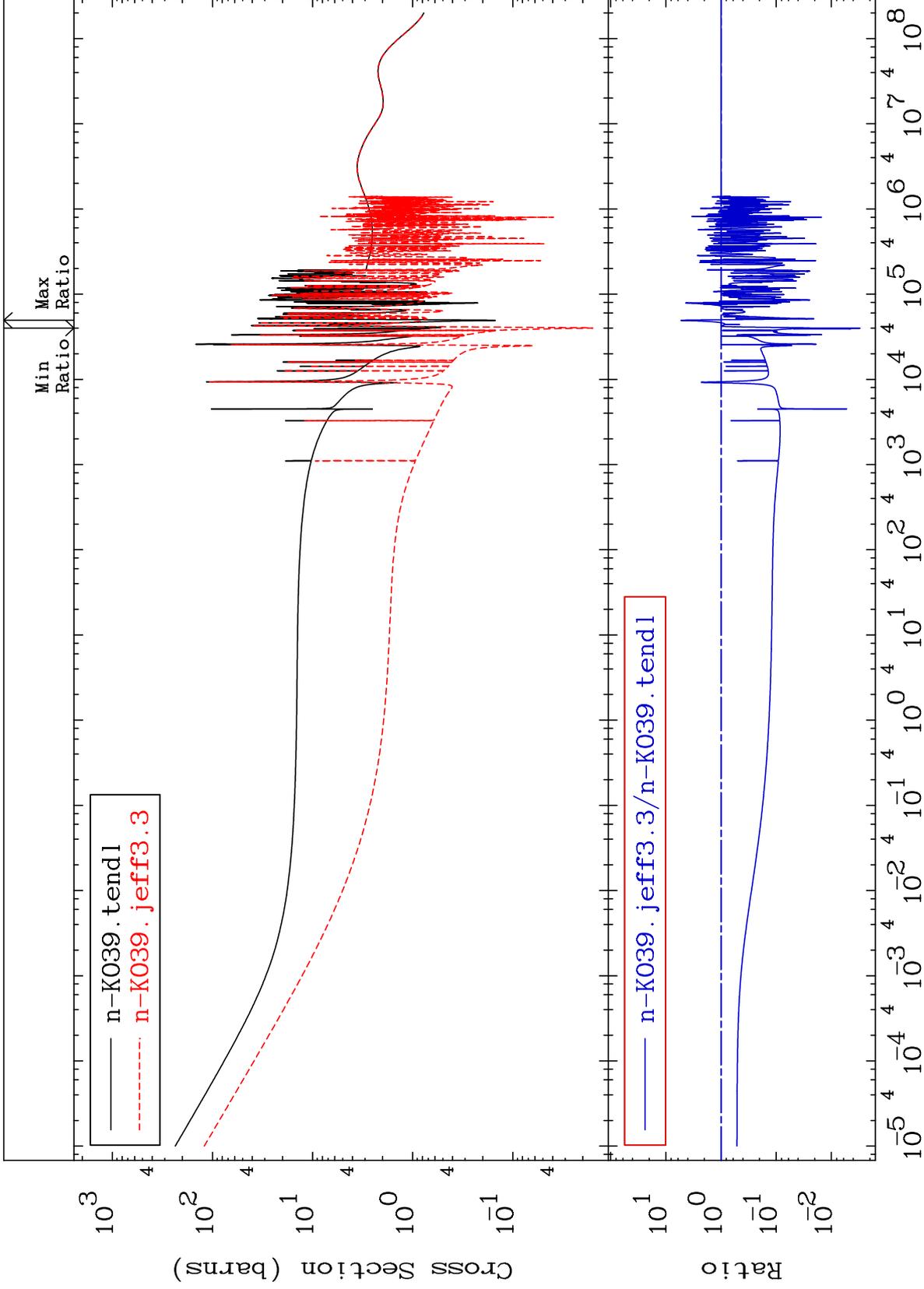


MAT 1925

Total  
Cross Section

19-K -39  
-99.70 To 435.4 %



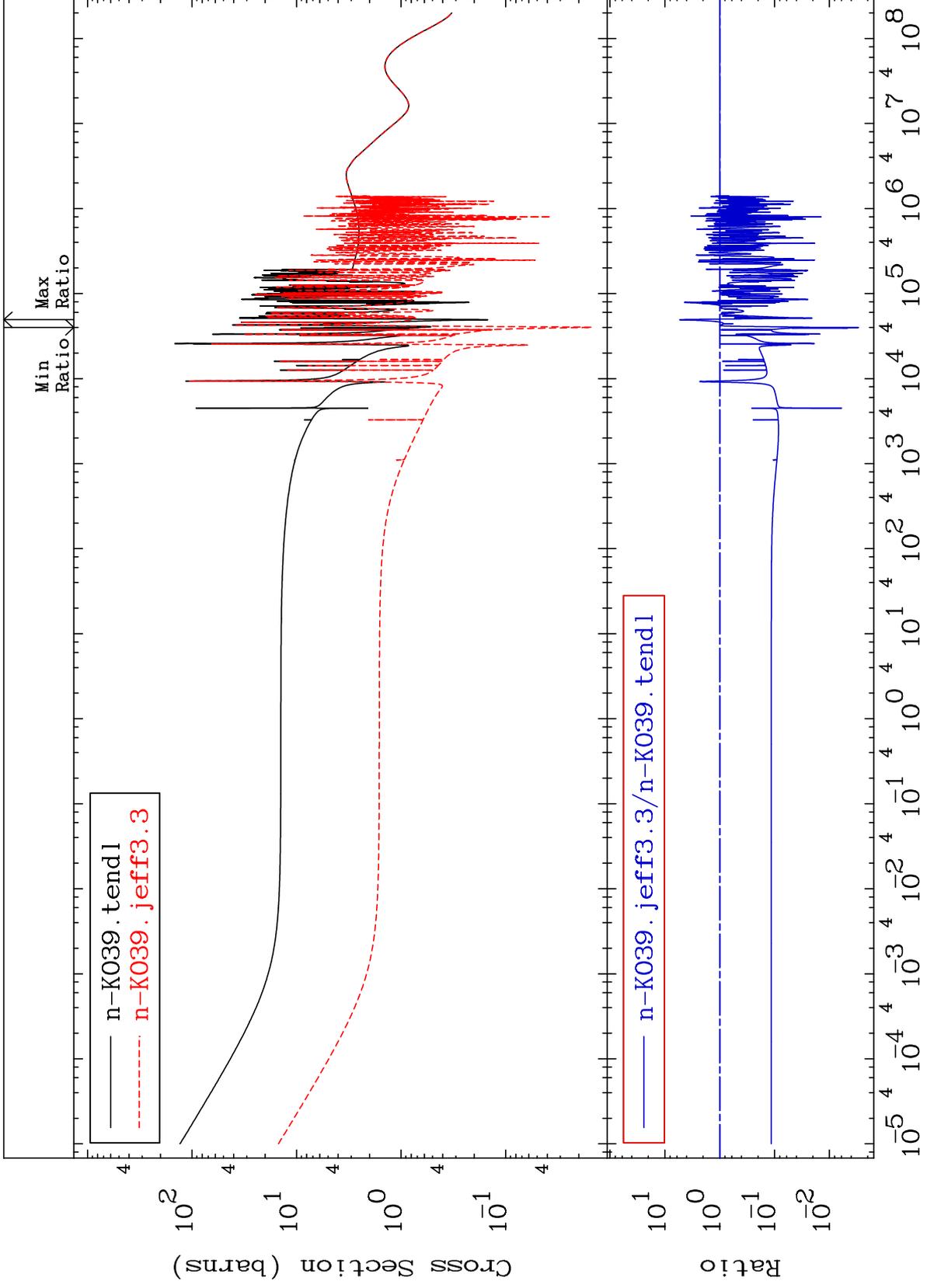
Incident Energy (eV)

19-K -39

MAT 1925

Elastic  
Cross Section

19-K -39  
-99.71 To 438.9 %



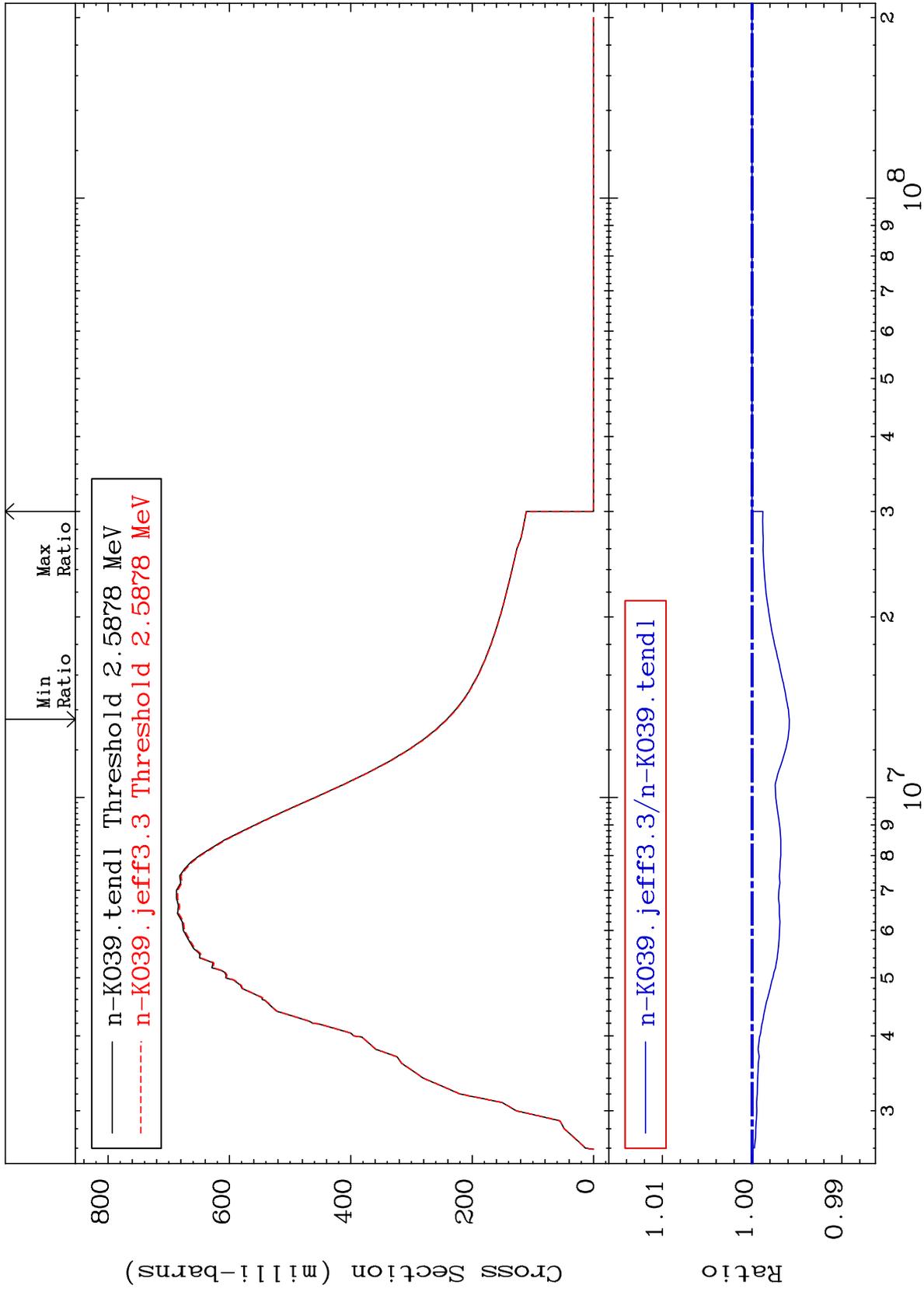
Incident Energy (eV)

19-K -39

MAT 1925

Inelastic  
Cross Section

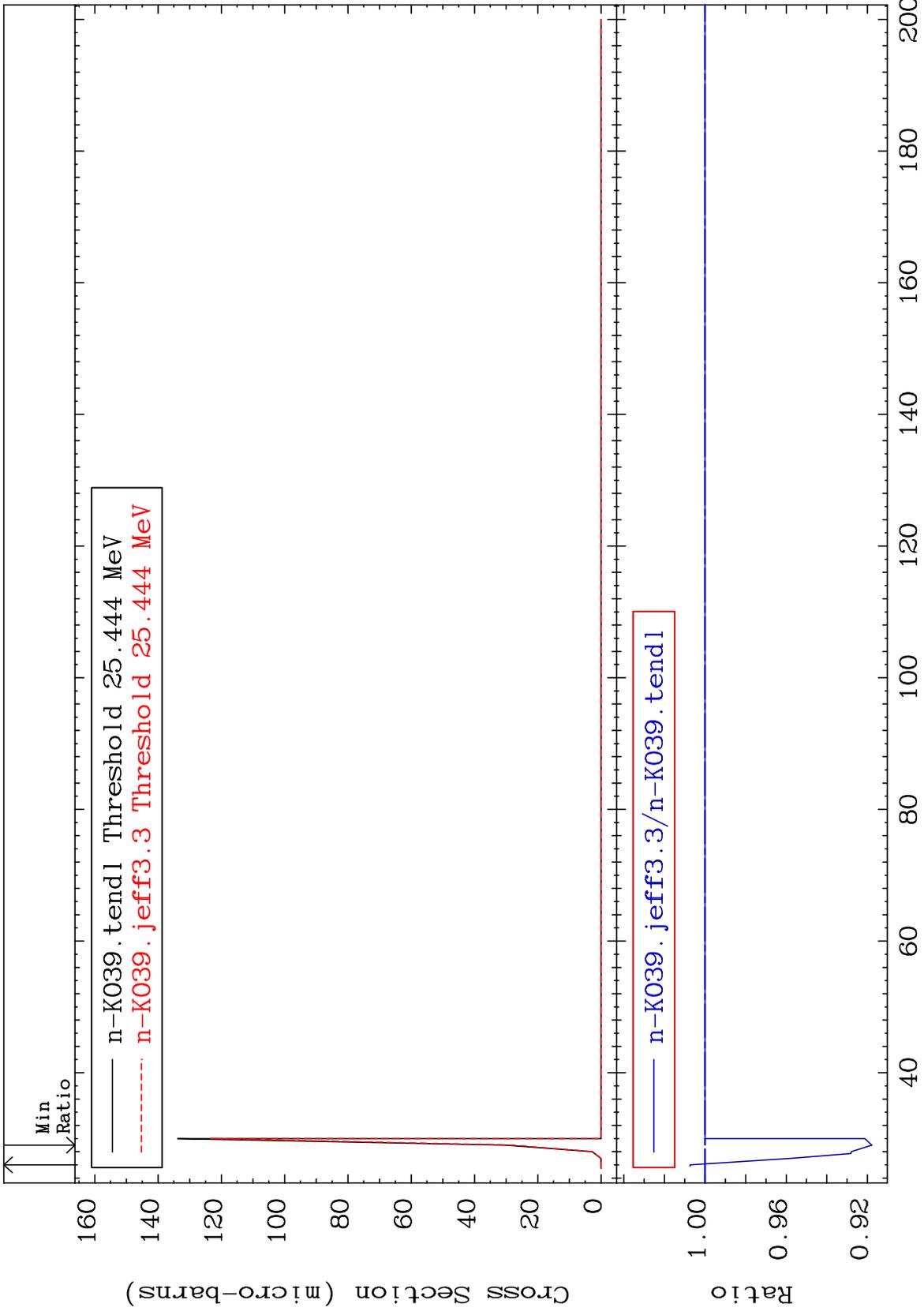
19-K -39  
-0.415 To 0.000 %



MAT 1925

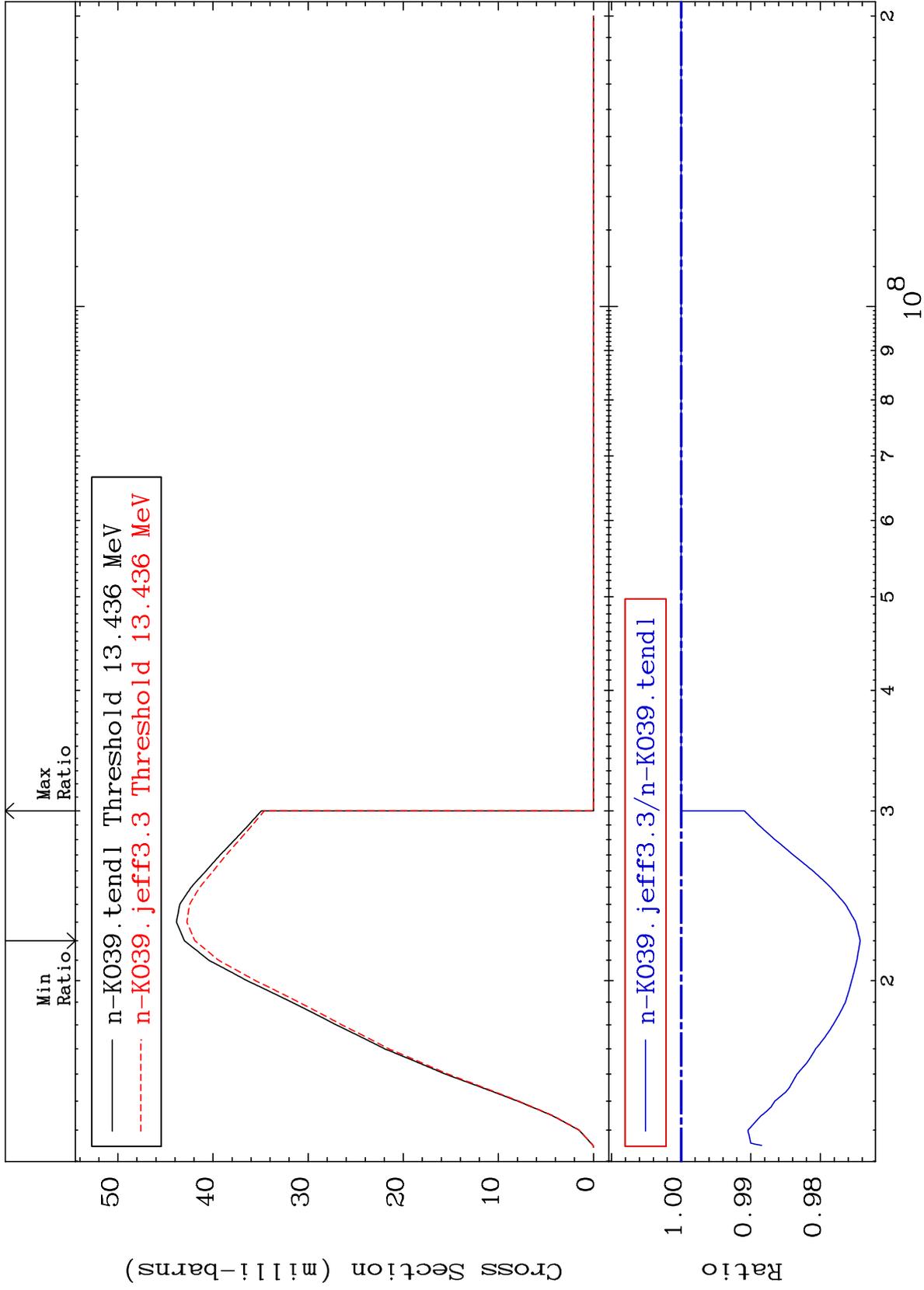
(n,2n) d  
Cross Section

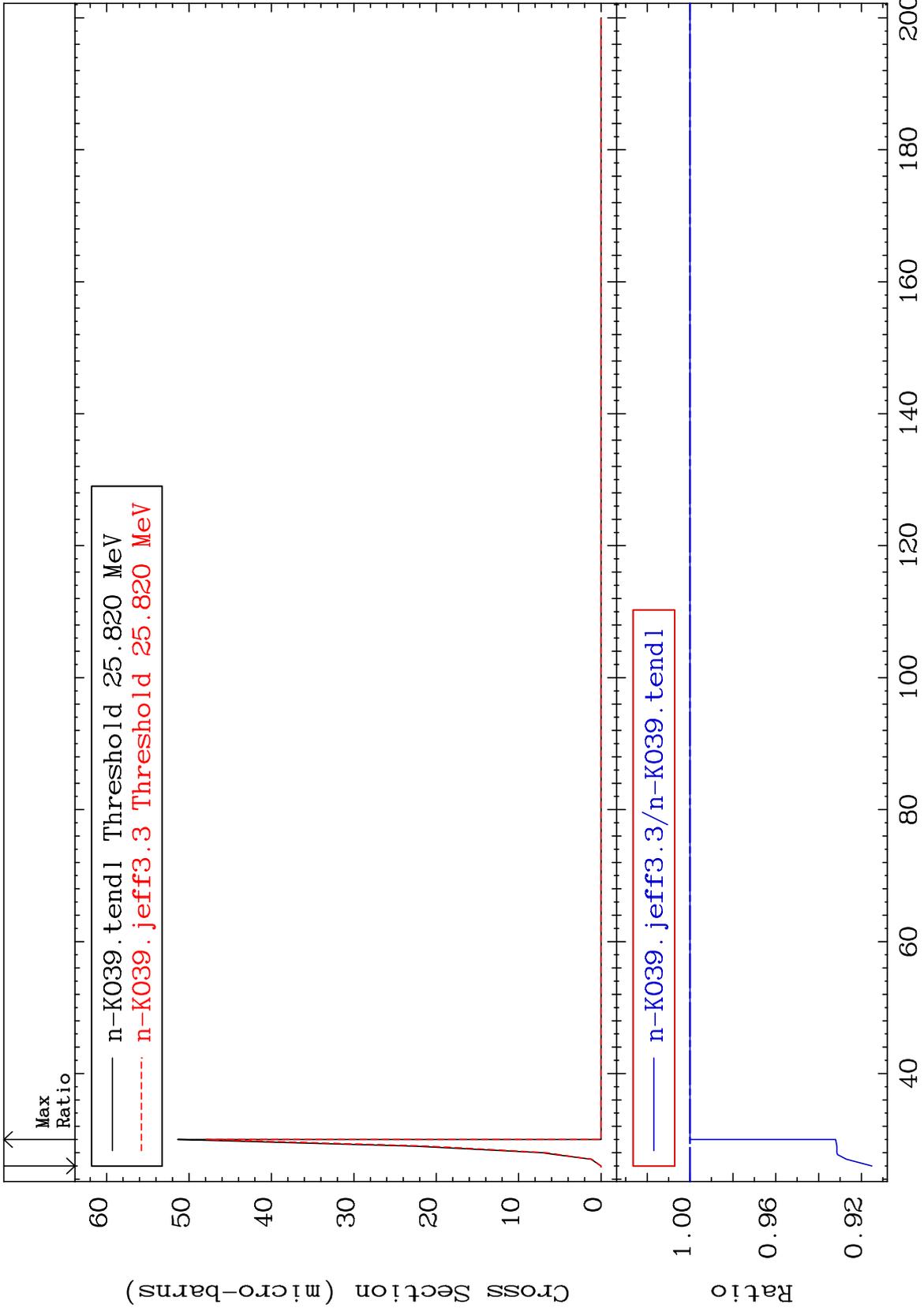
19-K -39  
-8.217 To 0.736 %



Cross Section

-2.571 To 0.000 %

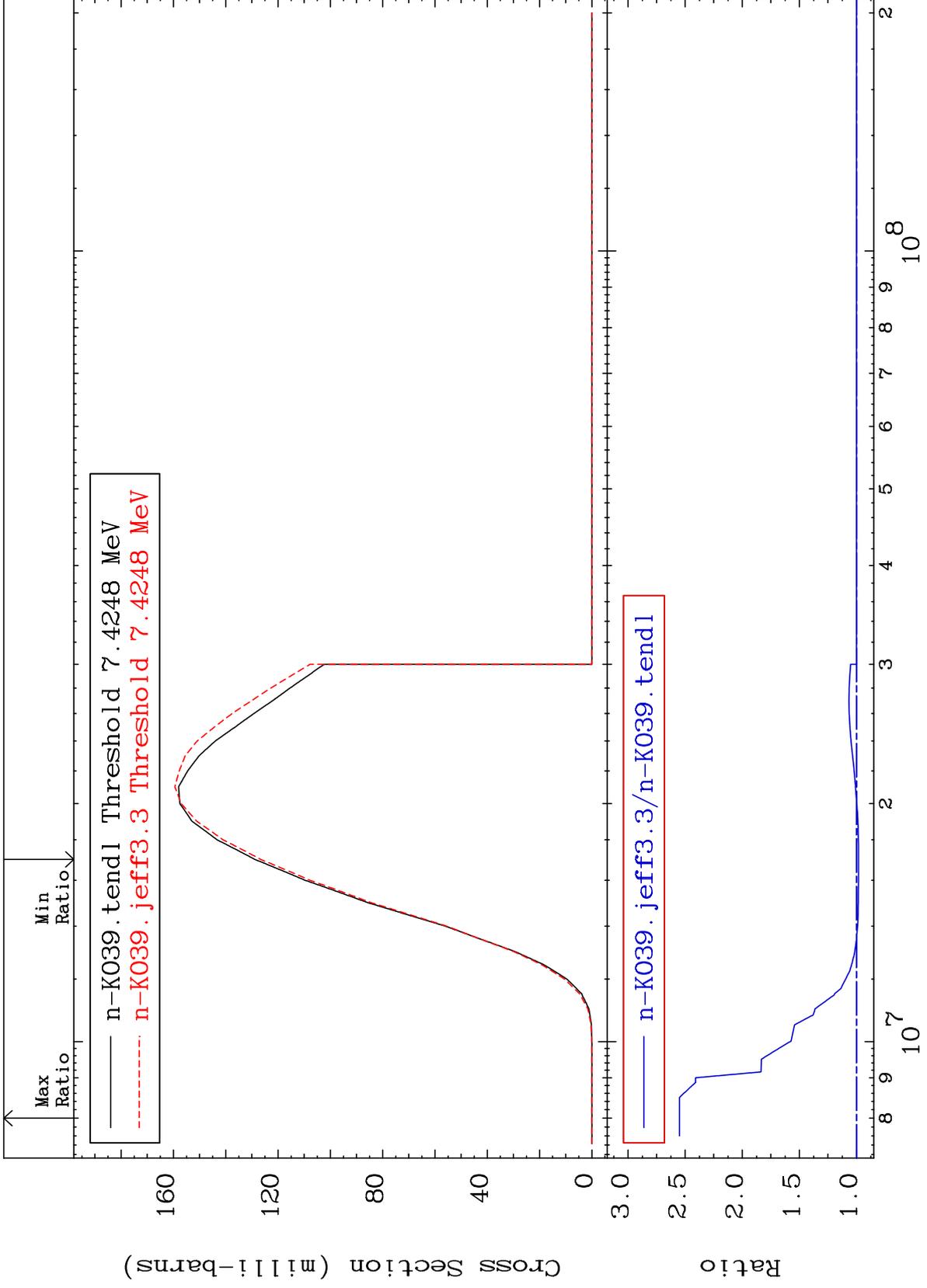




MAT 1925

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

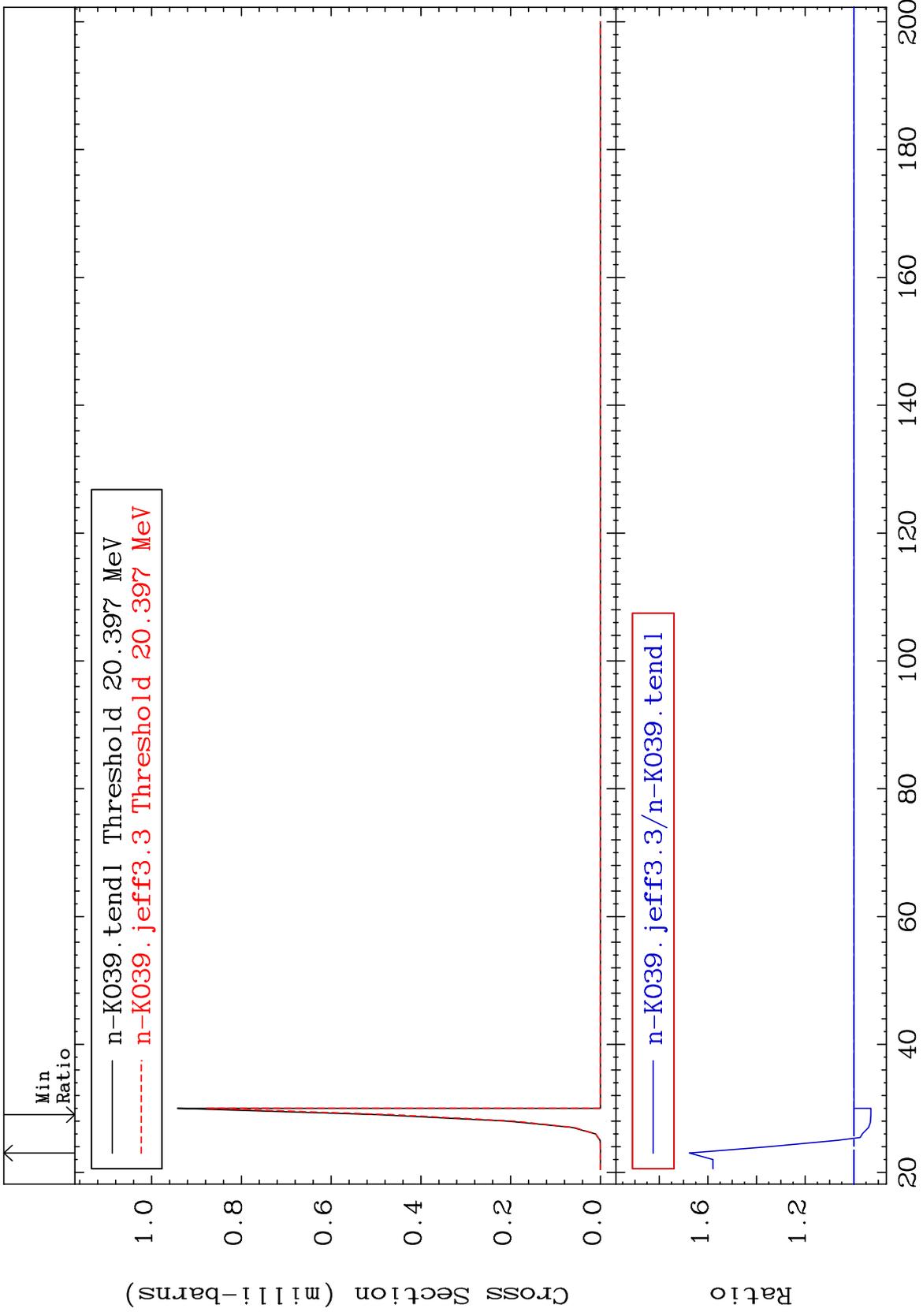
19-K -39  
-1.747 To 155.0 %

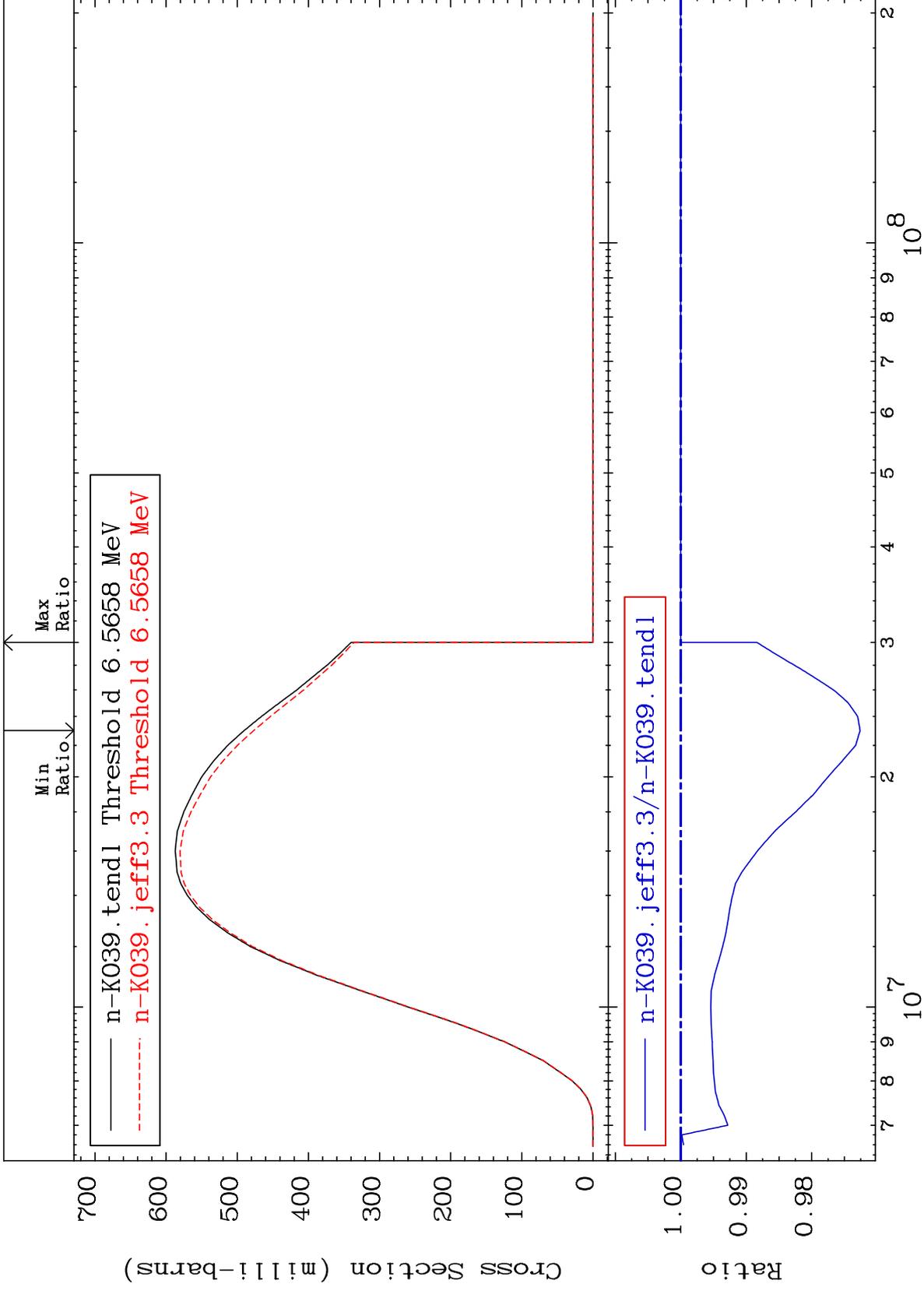


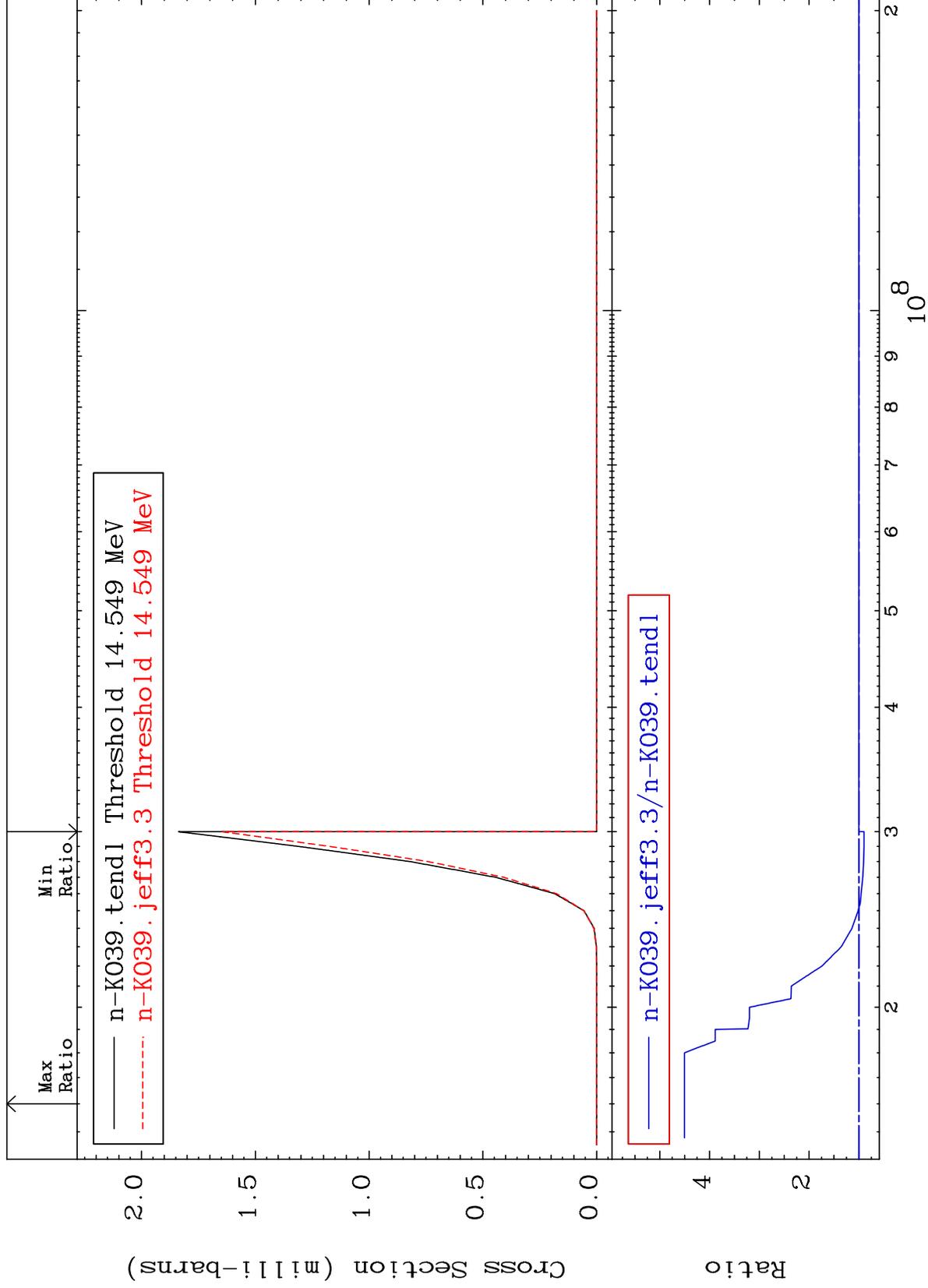
7

Incident Energy (eV)

19-K -39

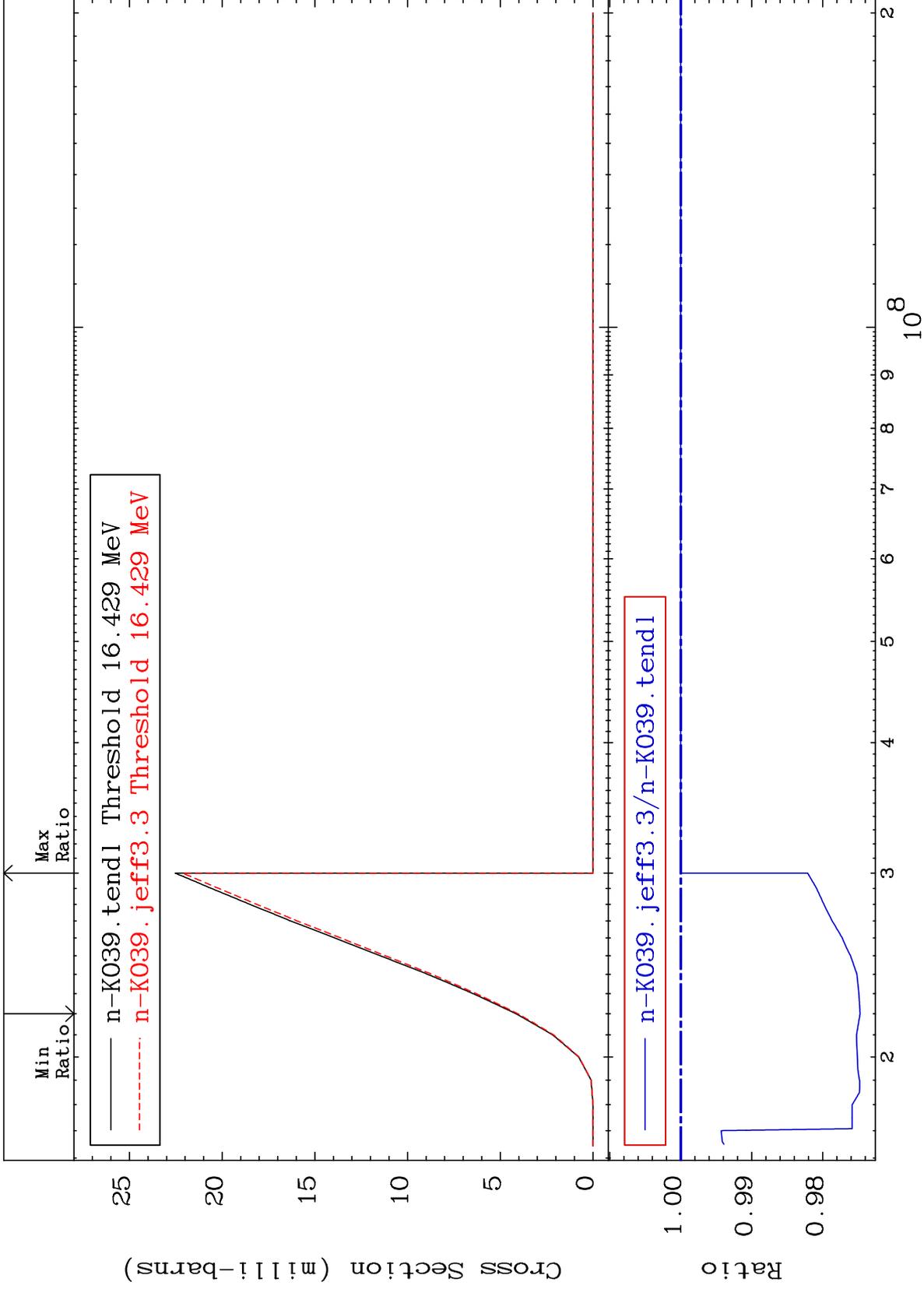






Cross Section

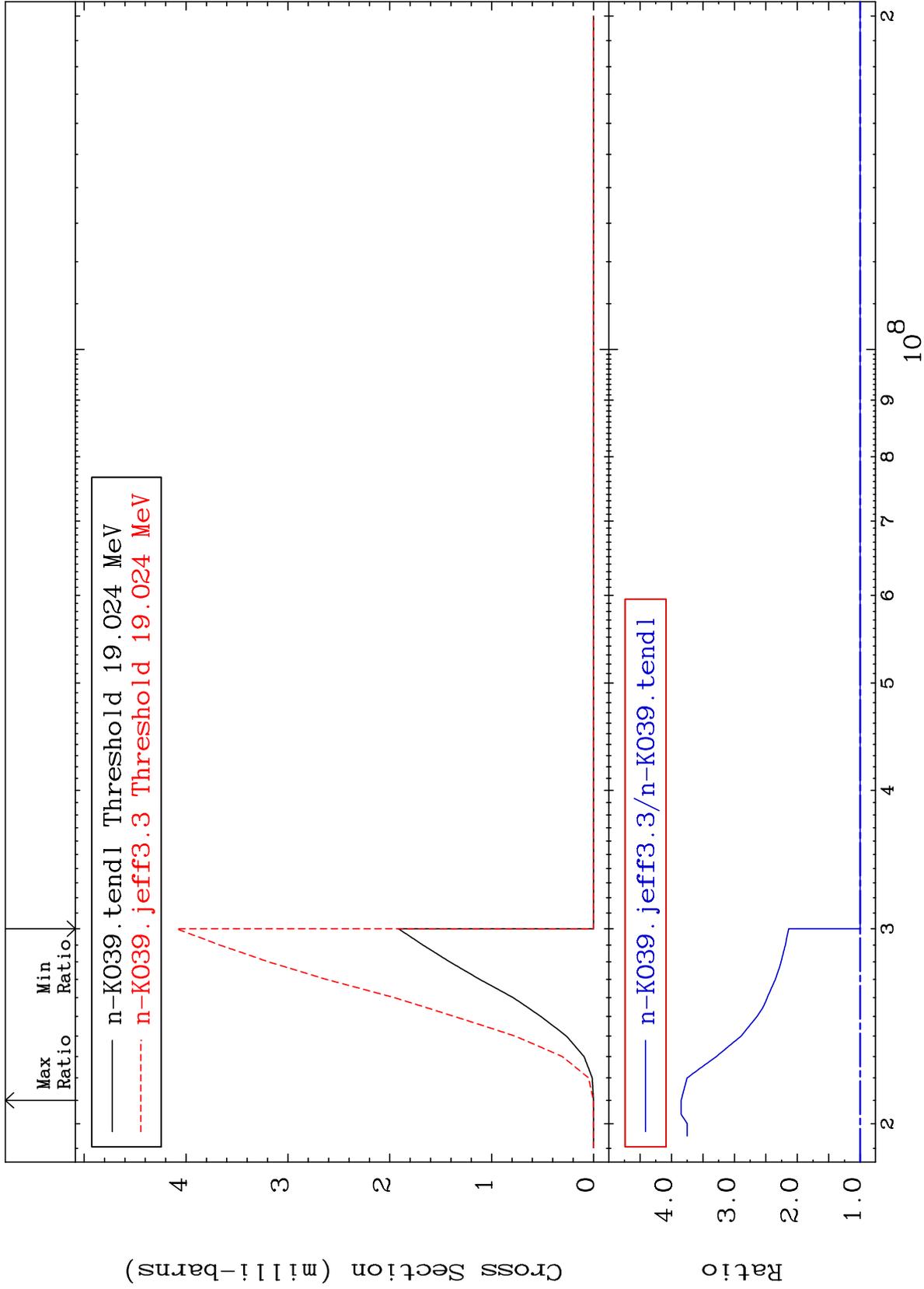
-2.525 To 0.000 %



MAT 1925

(n,n') t  
Cross Section

19-K -39  
0.000 To 284.6 %



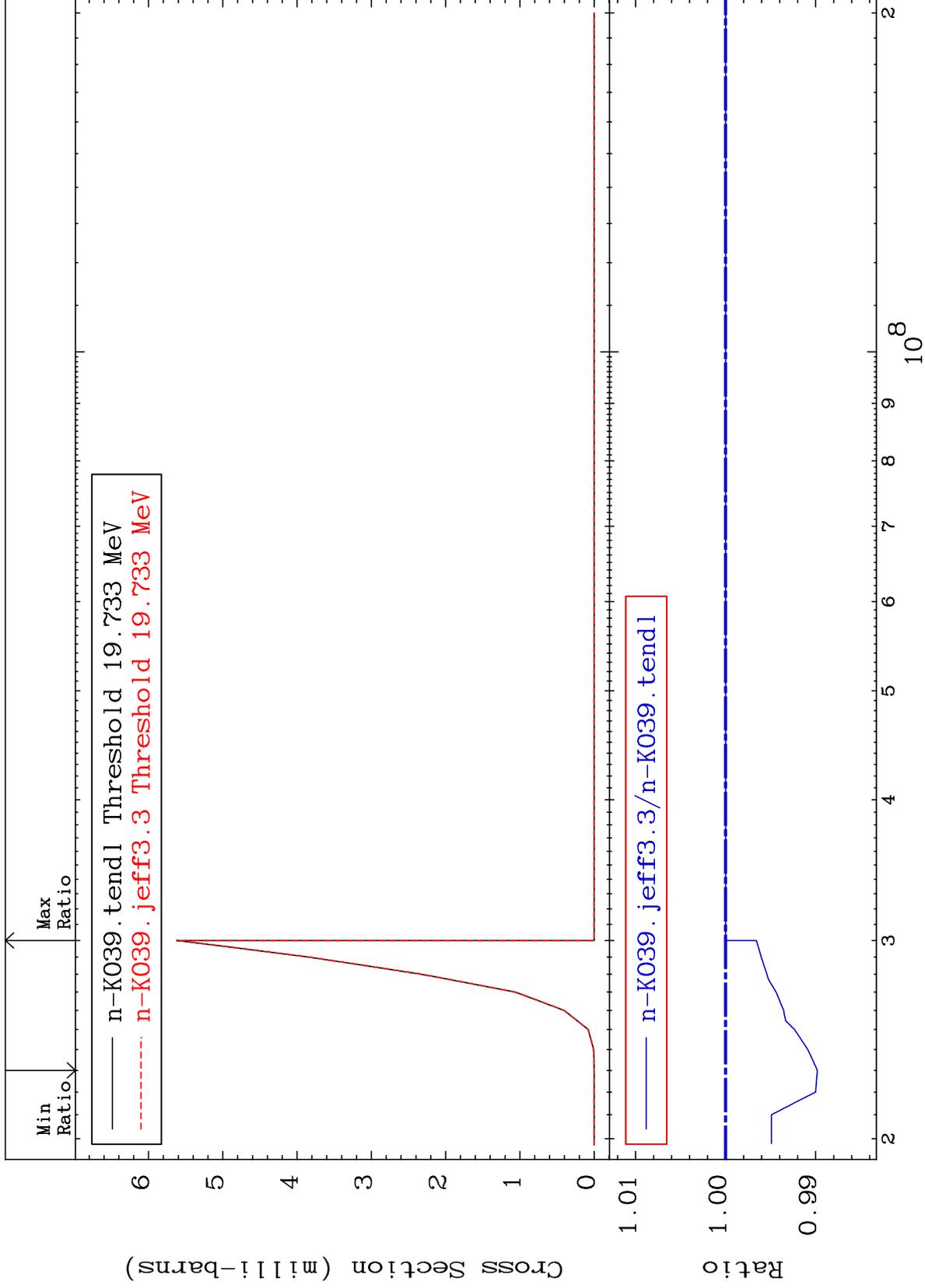
12

19-K -39

MAT 1925

(n, n') He-3  
Cross Section

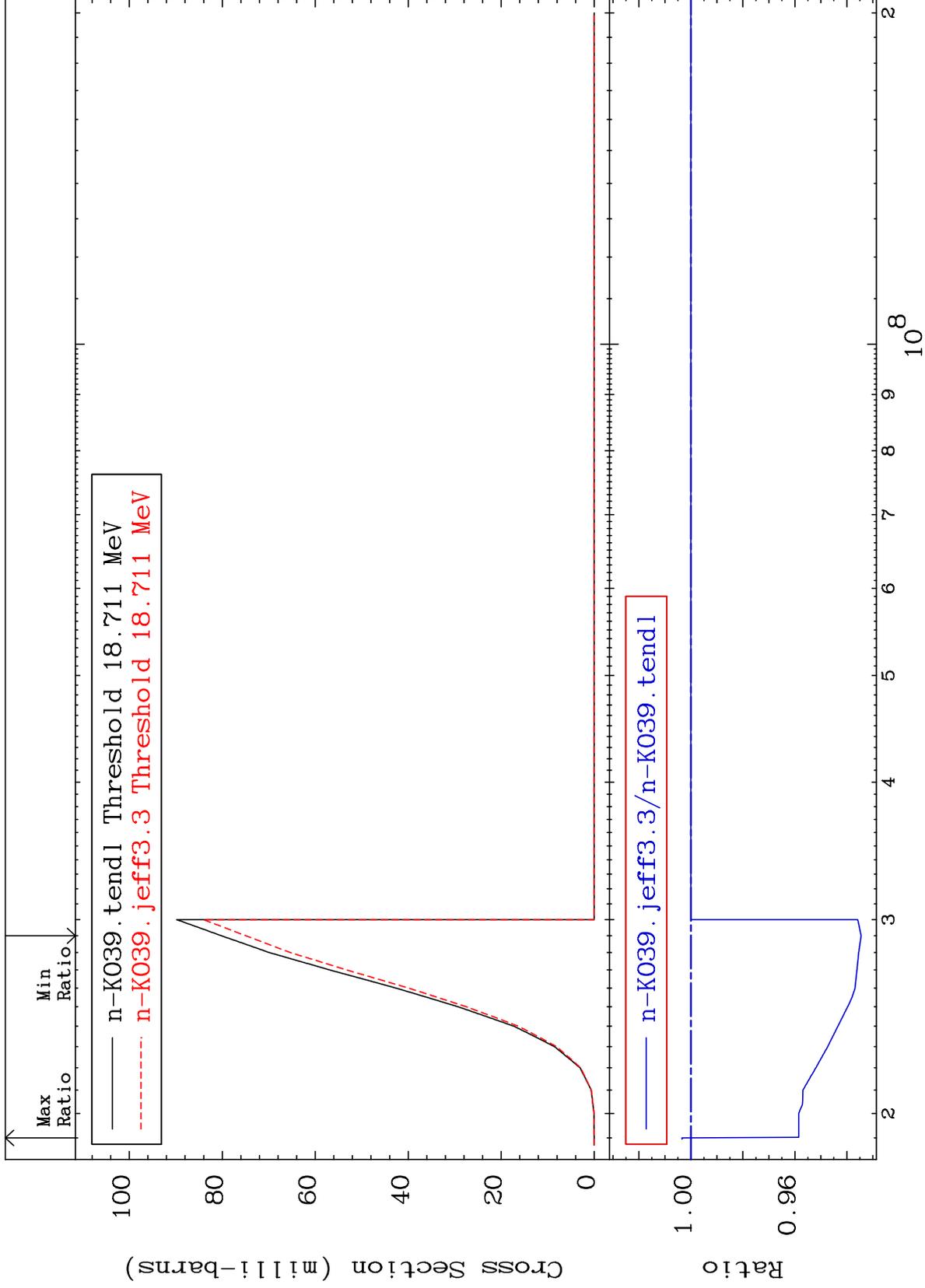
19-K -39  
-1.019 To 0.000 %



MAT 1925

(n,2n) p  
Cross Section

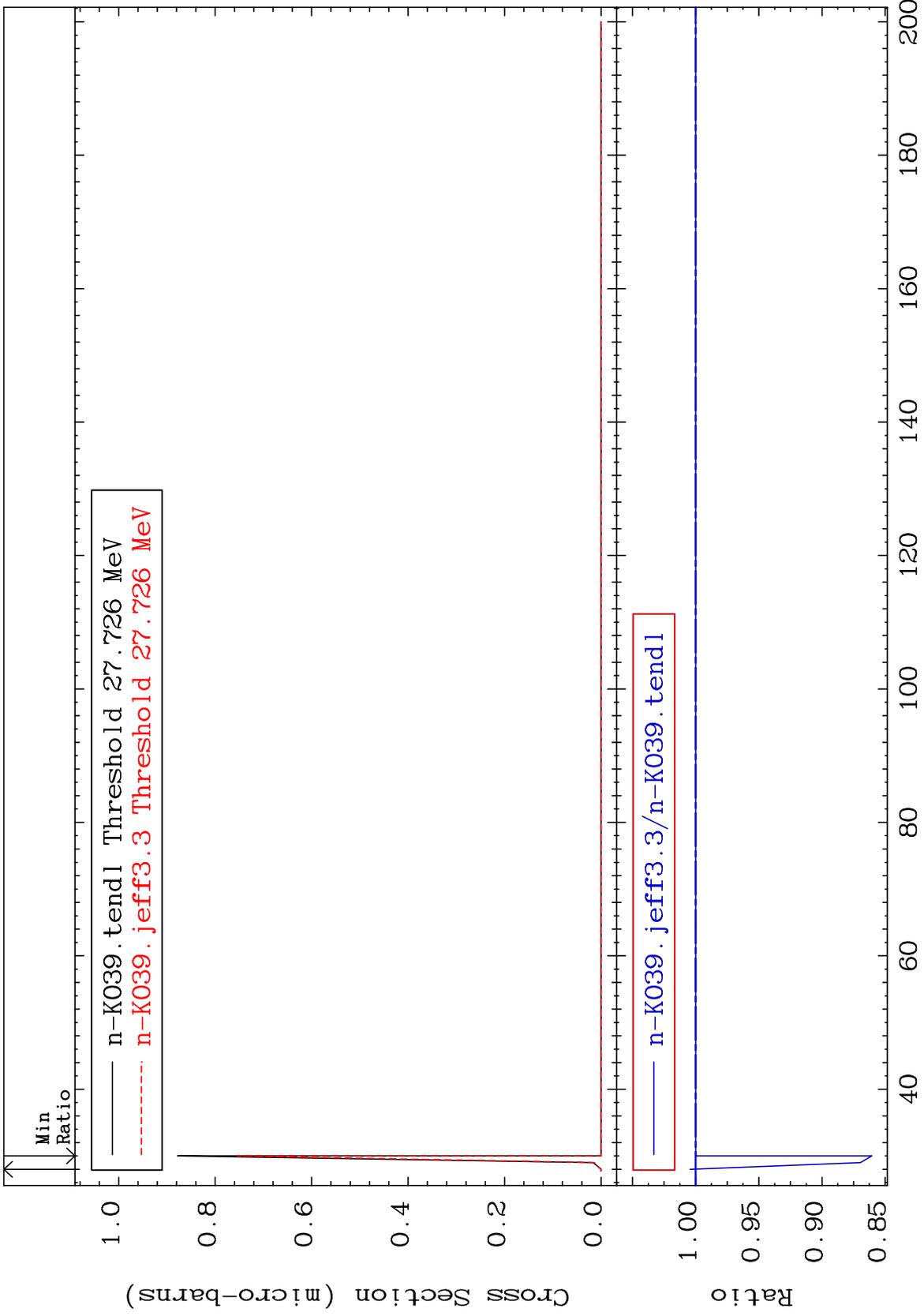
19-K -39  
-6.548 To 0.345 %

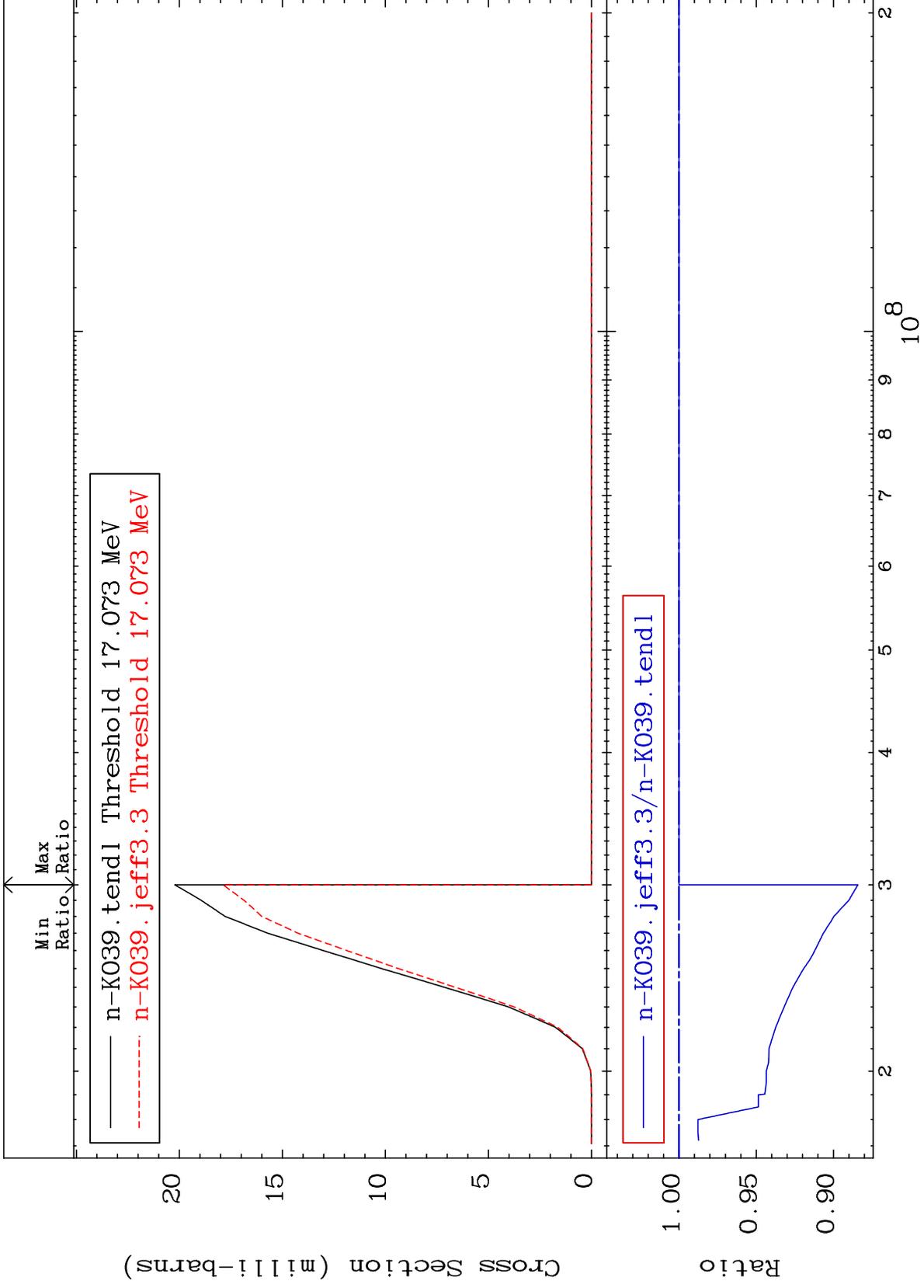


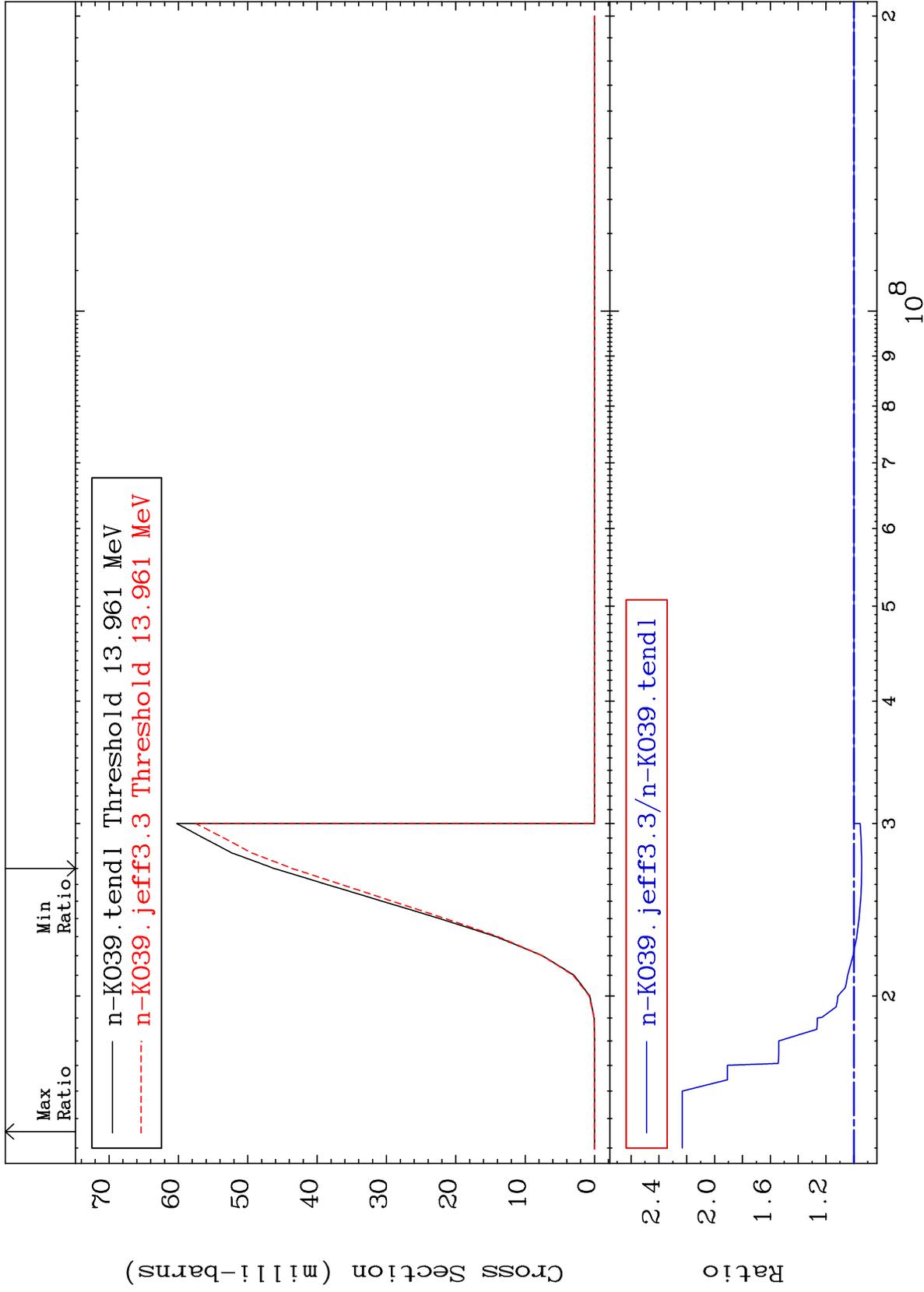
14

Incident Energy (eV)

19-K -39



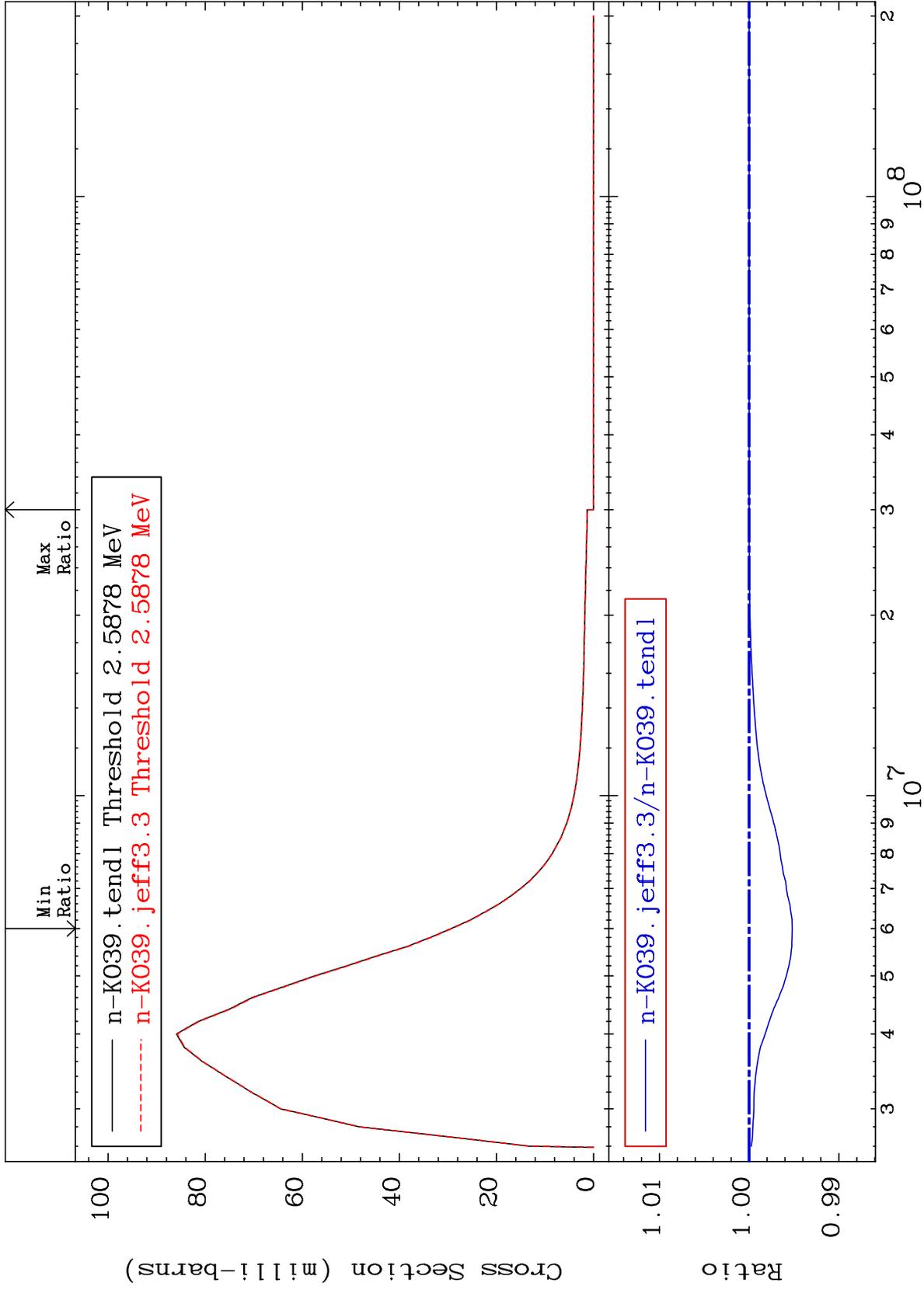




MAT 1925

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

19-K -39  
-0.481 To 0.000 %



18

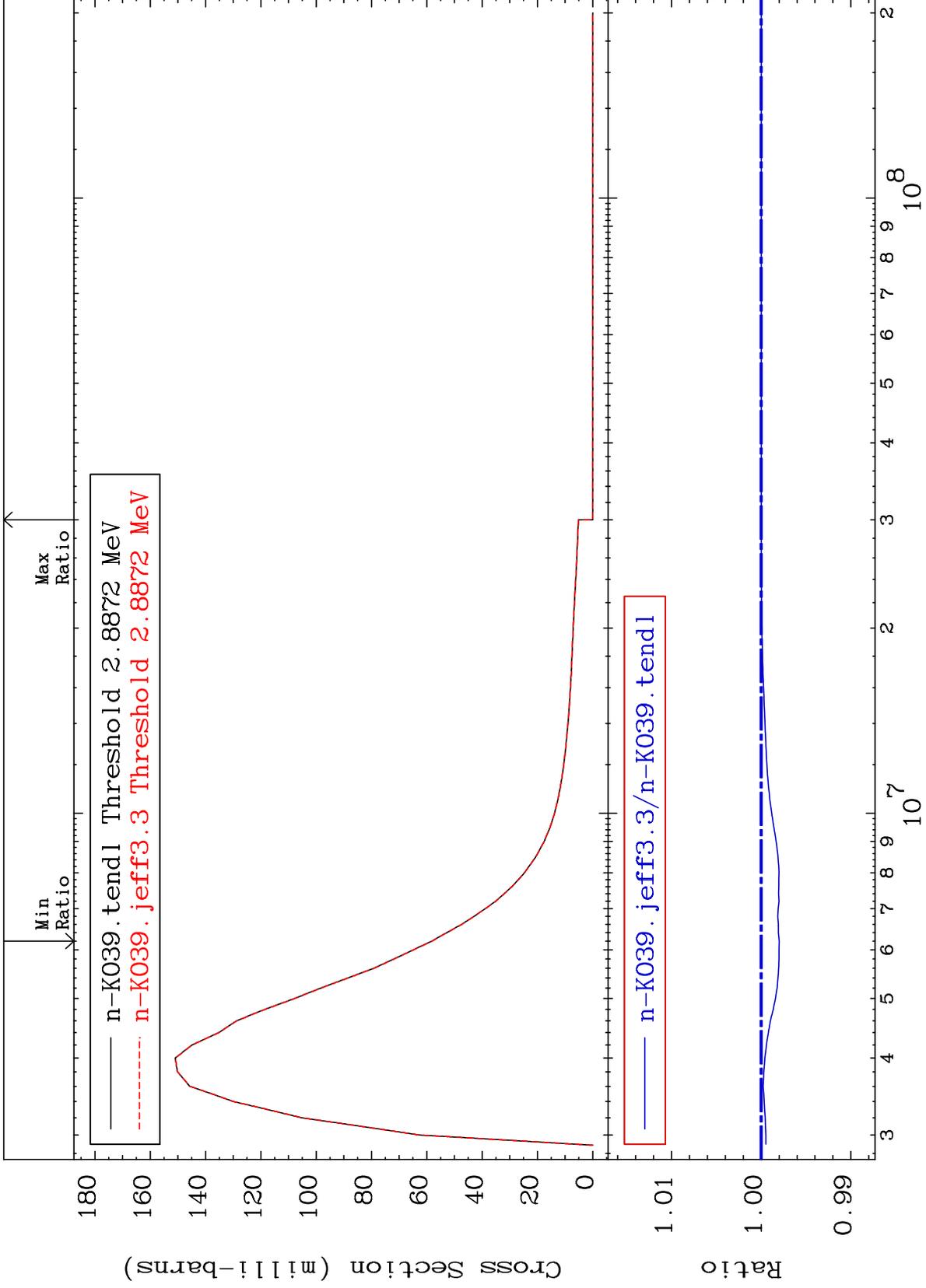
Incident Energy (eV)

19-K -39

MAT 1925

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

19-K -39  
-0.200 To 0.000 %



19

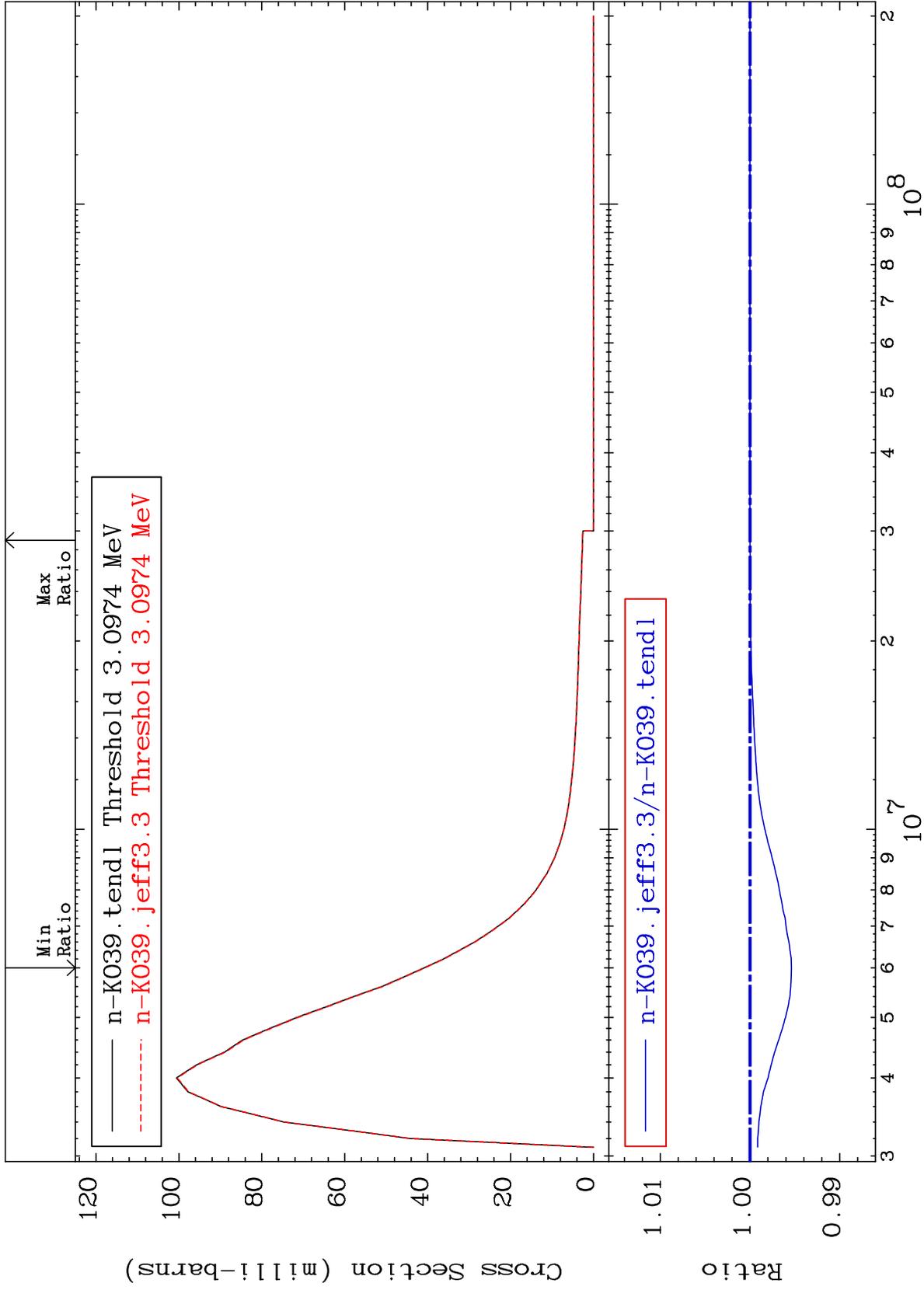
Incident Energy (eV)

19-K -39

MAT 1925

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

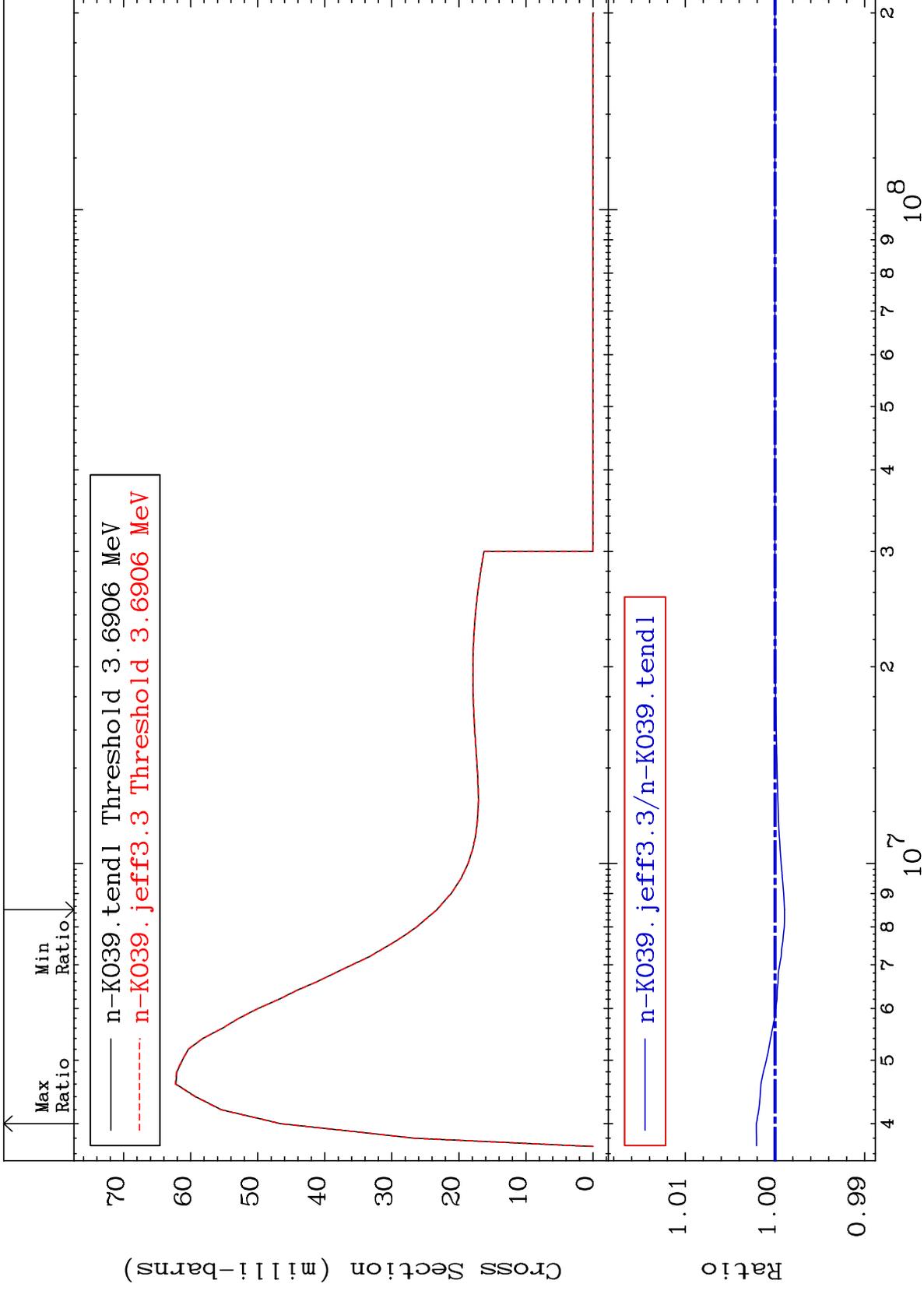
19-K -39  
-0.461 To 0.000 %

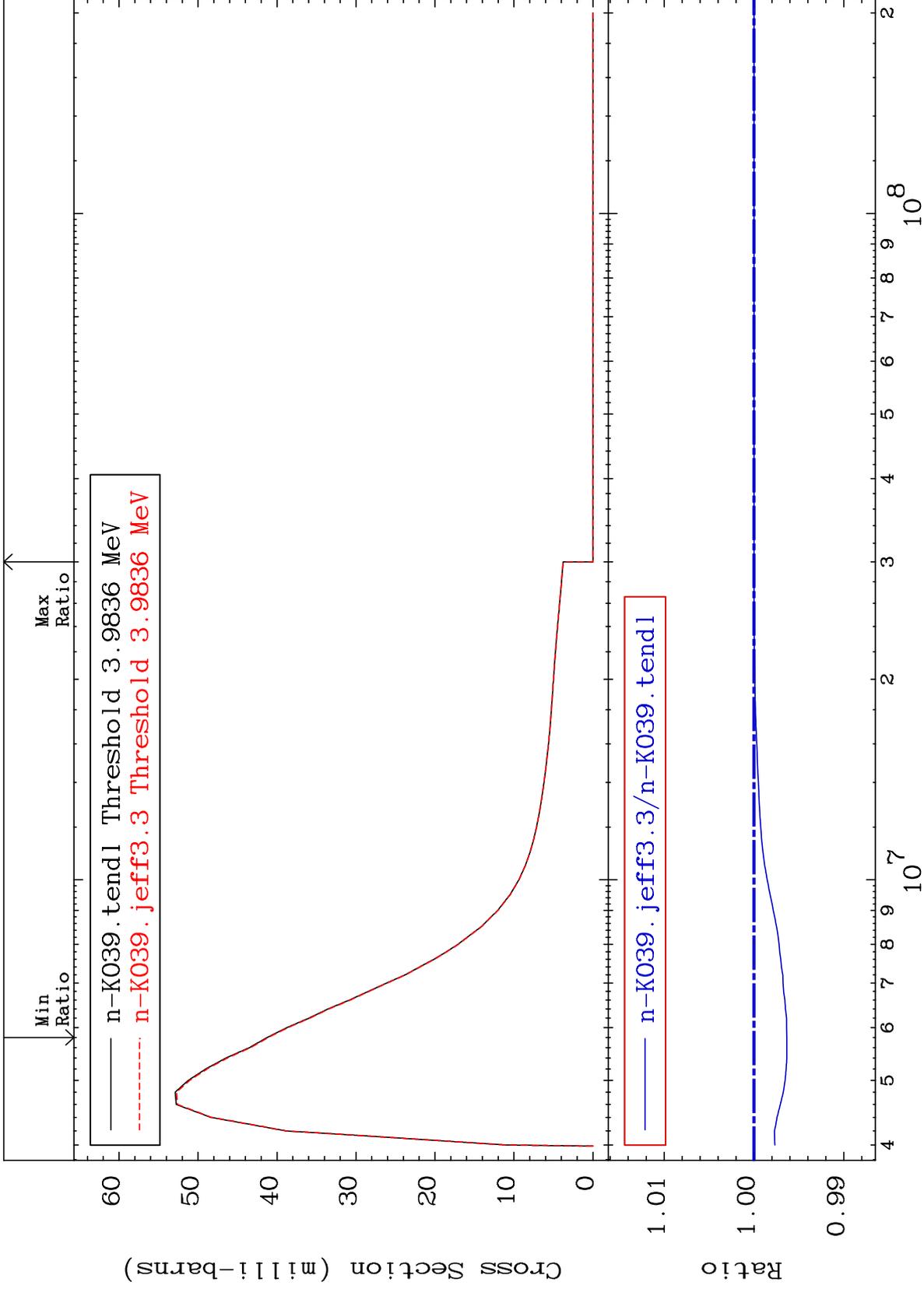


20

Incident Energy (eV)

19-K -39

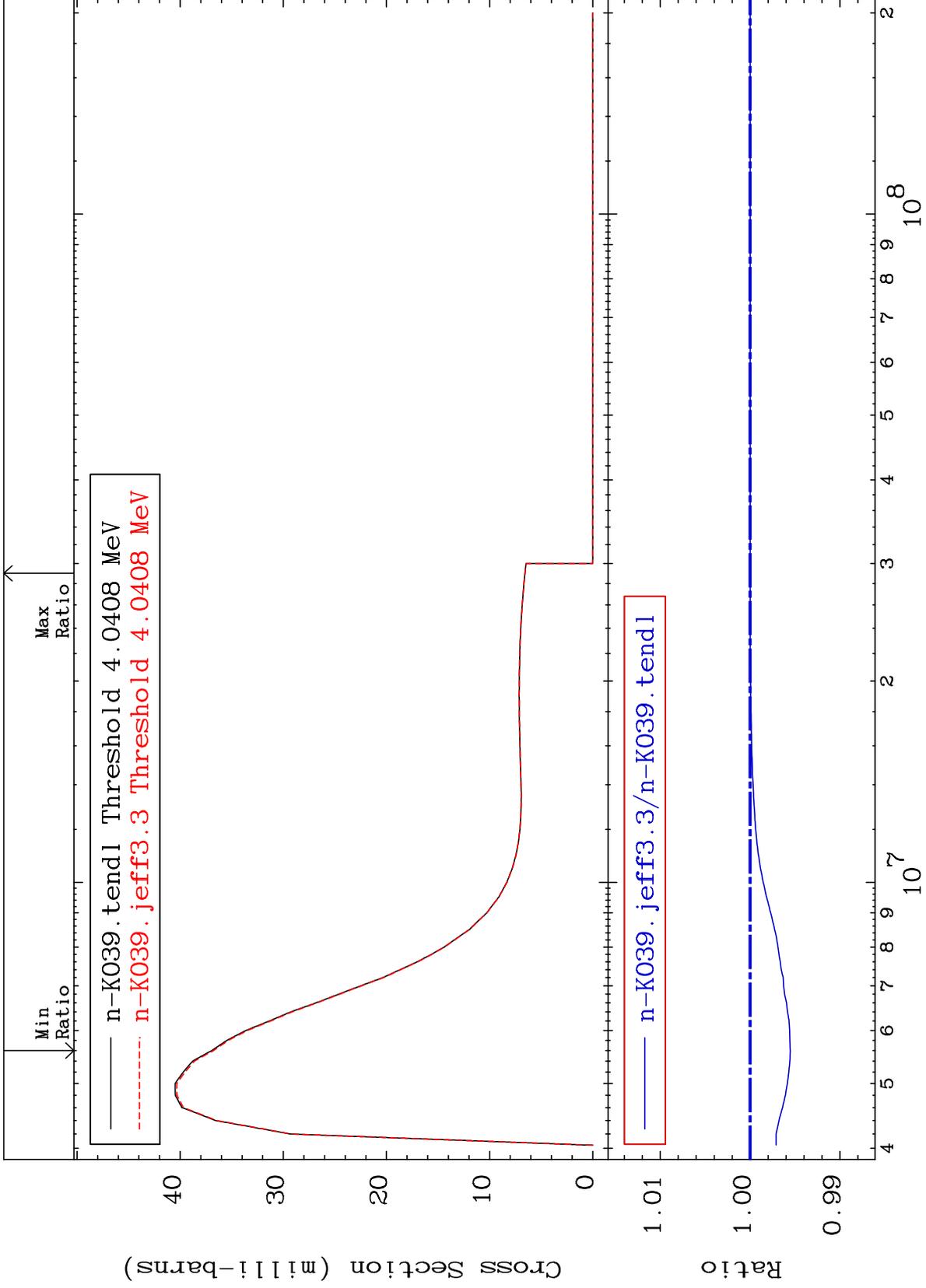


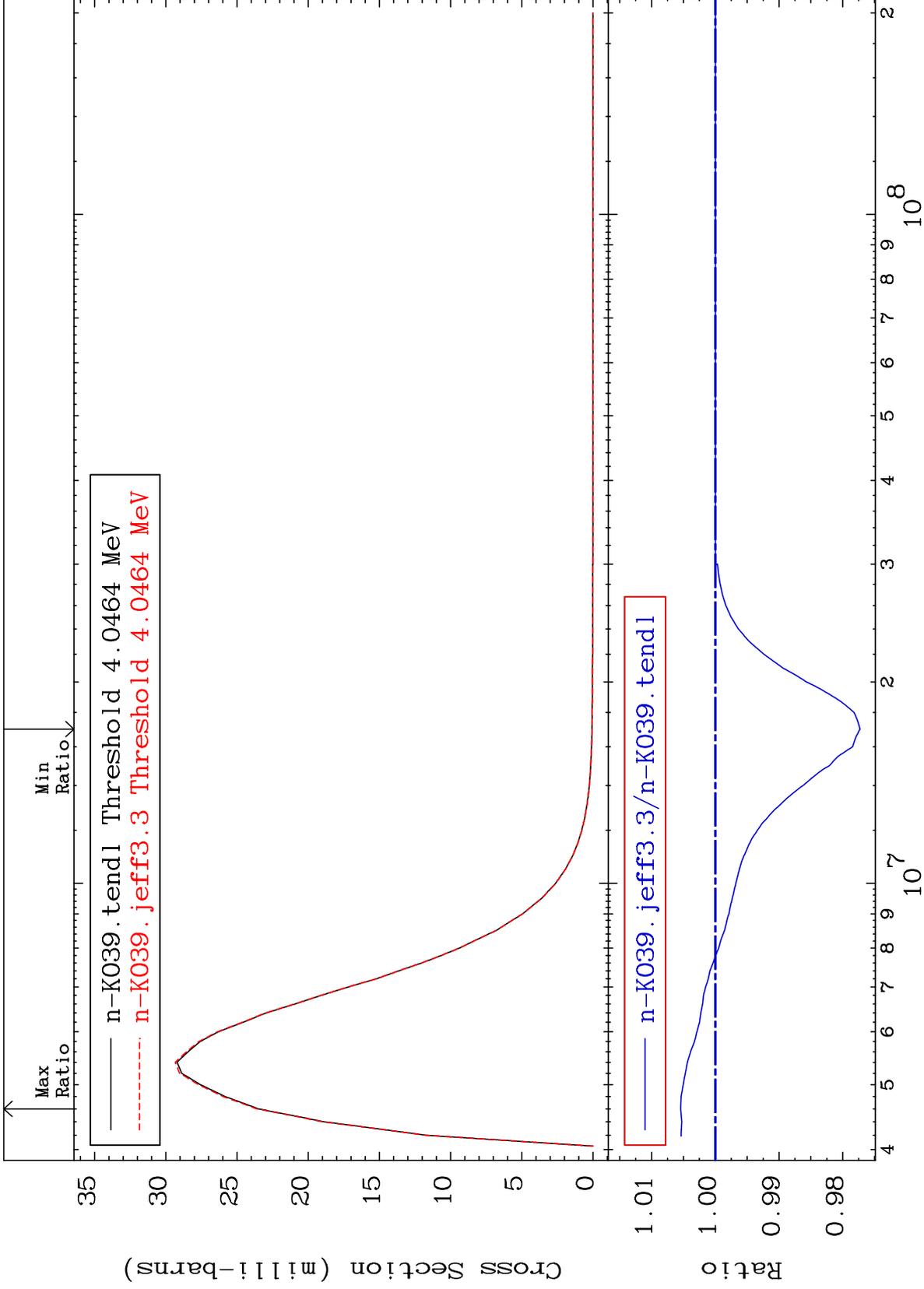


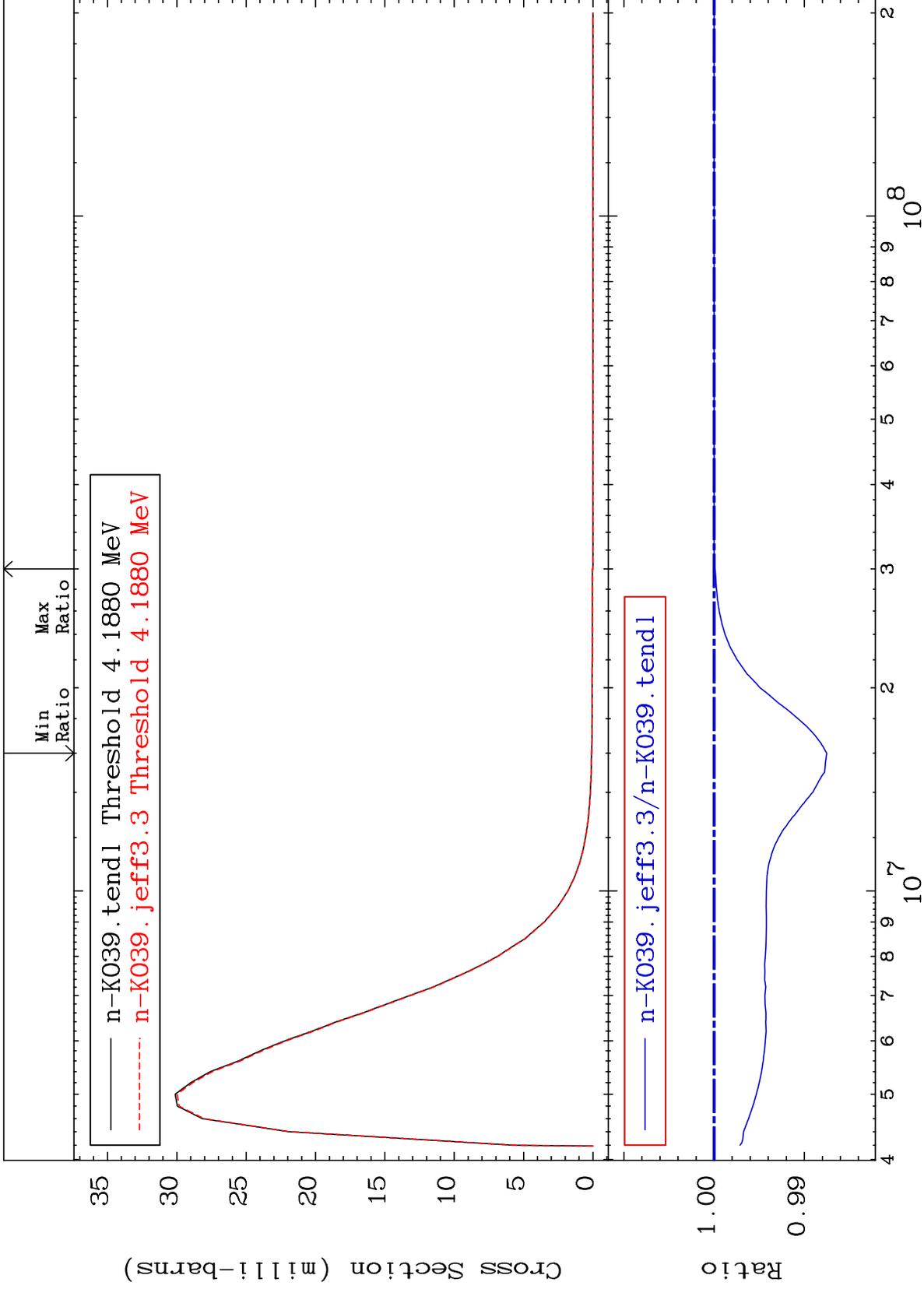
MAT 1925

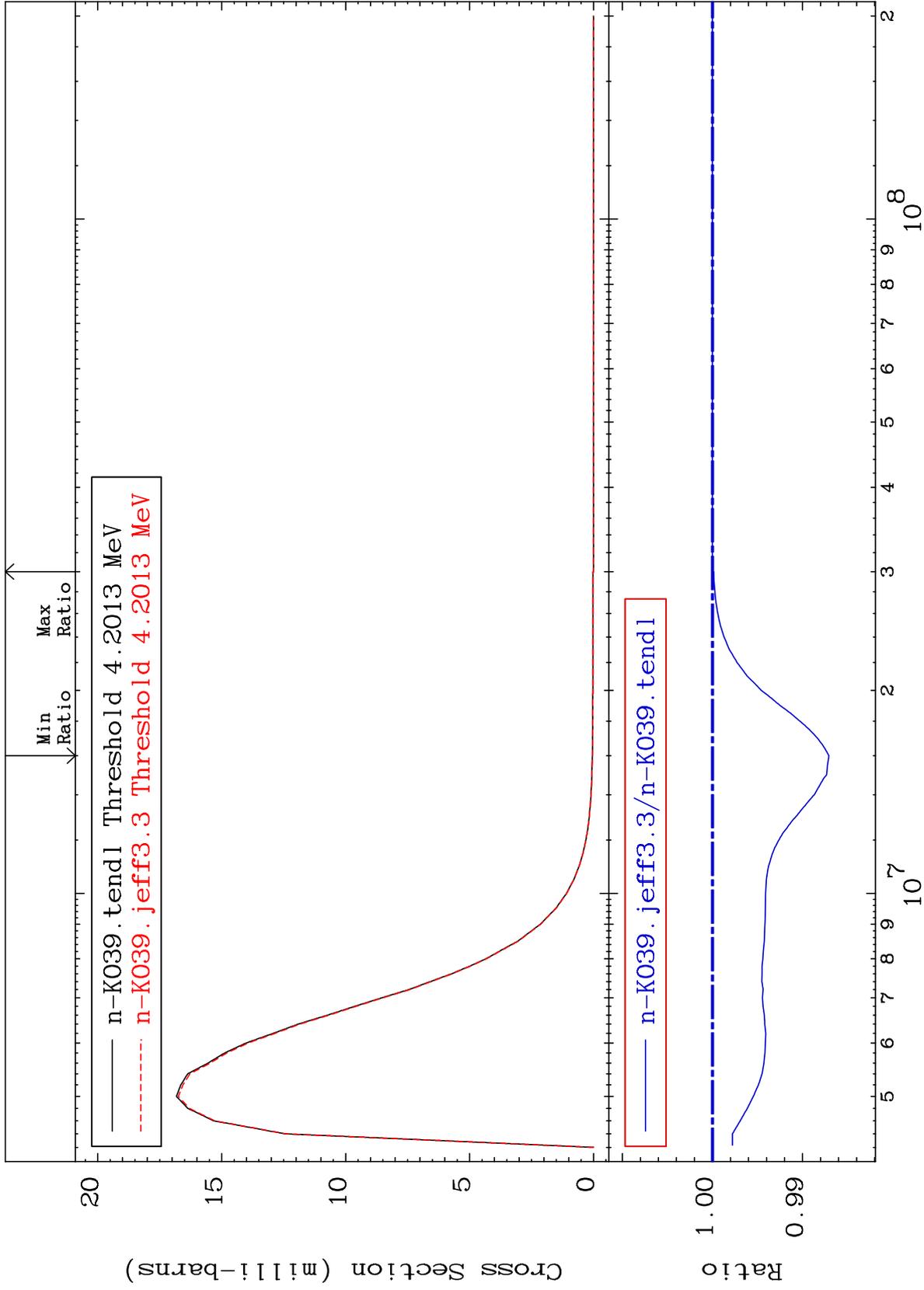
MT= 56 (n,n') Level  
Cross Section

19-K -39  
-0.446 To 0.000 %







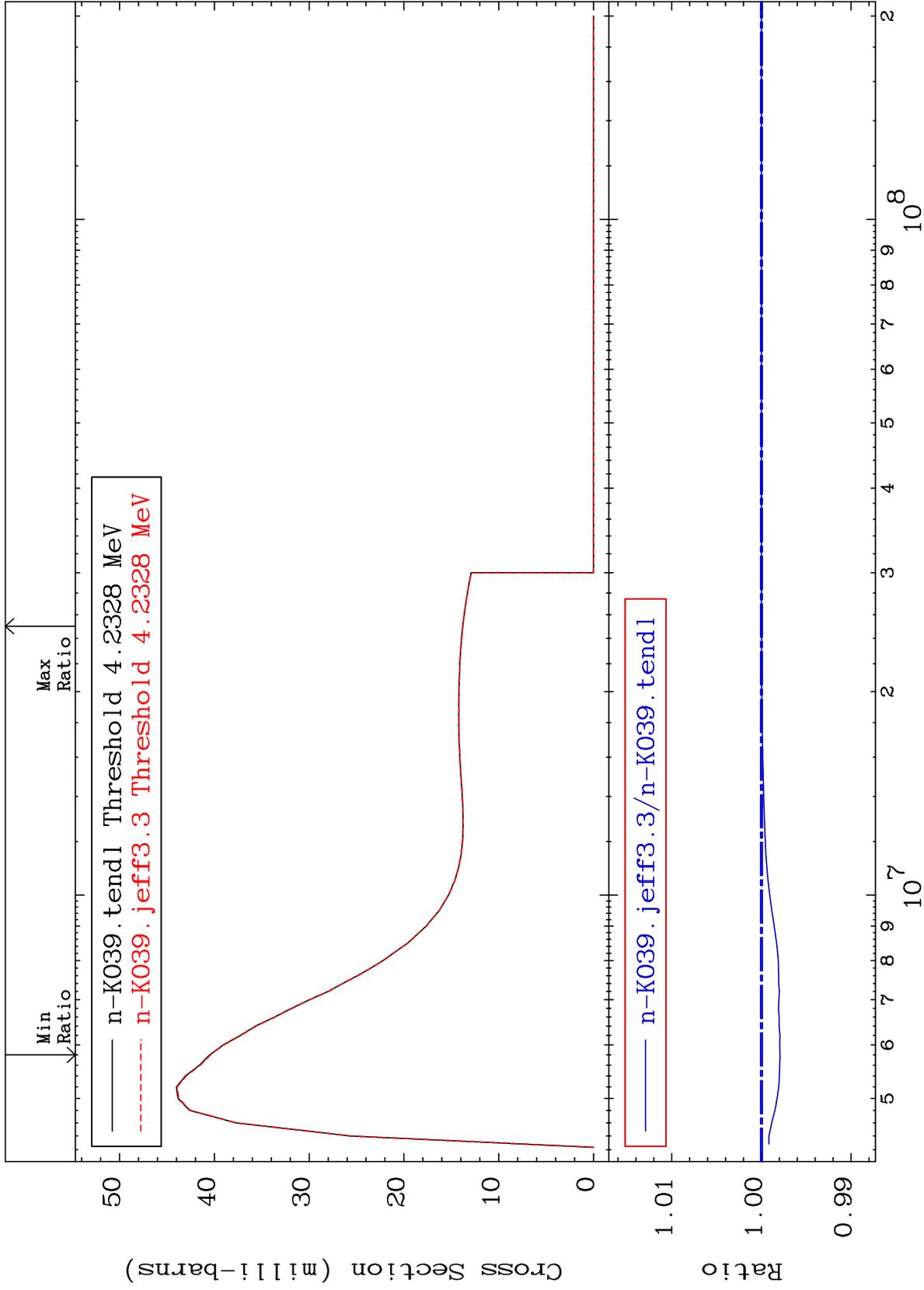


MAT 1925

MT= 60 (n,n') Level

19-K -39

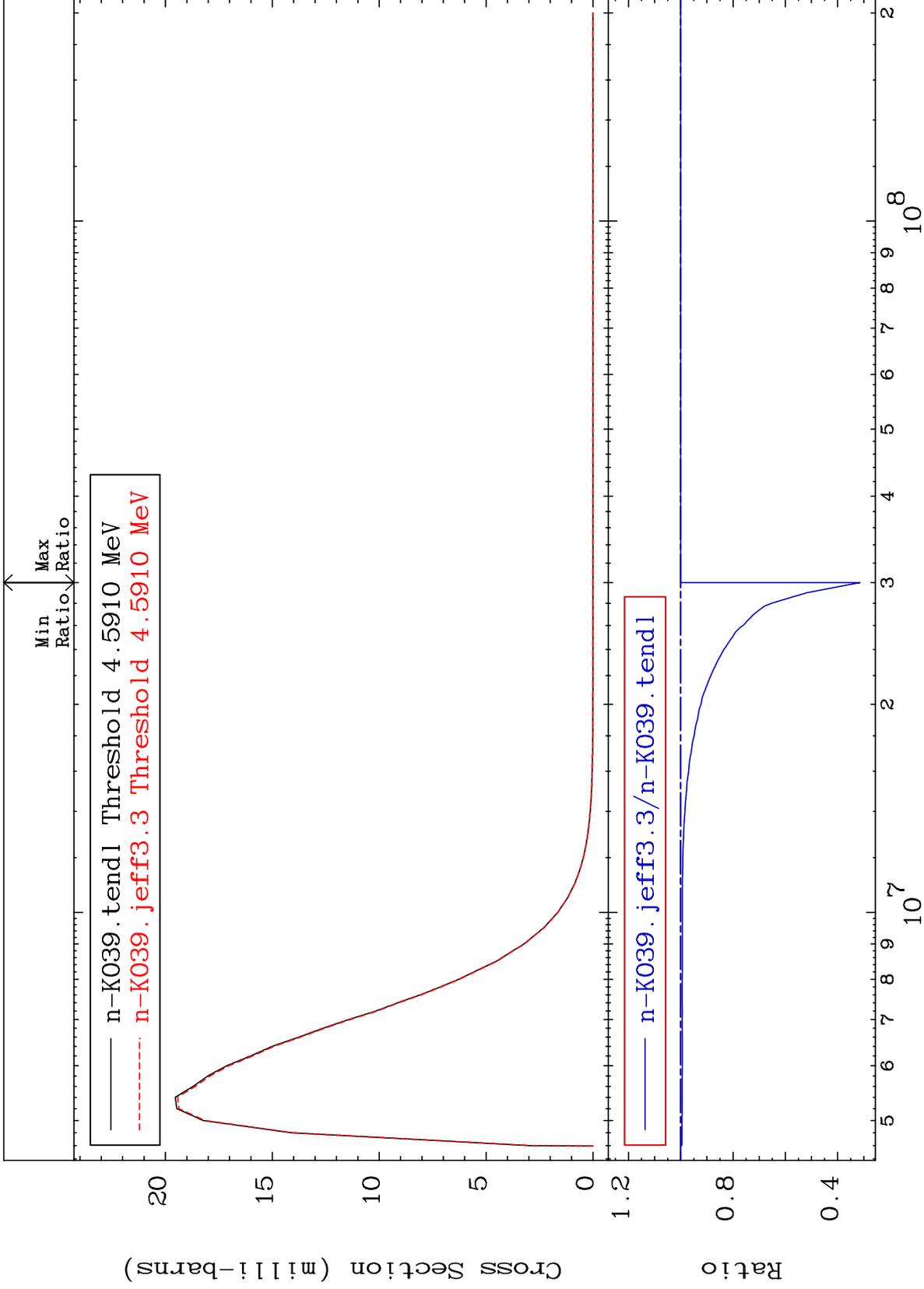
Cross Section  
-0.207 To 0.000 %

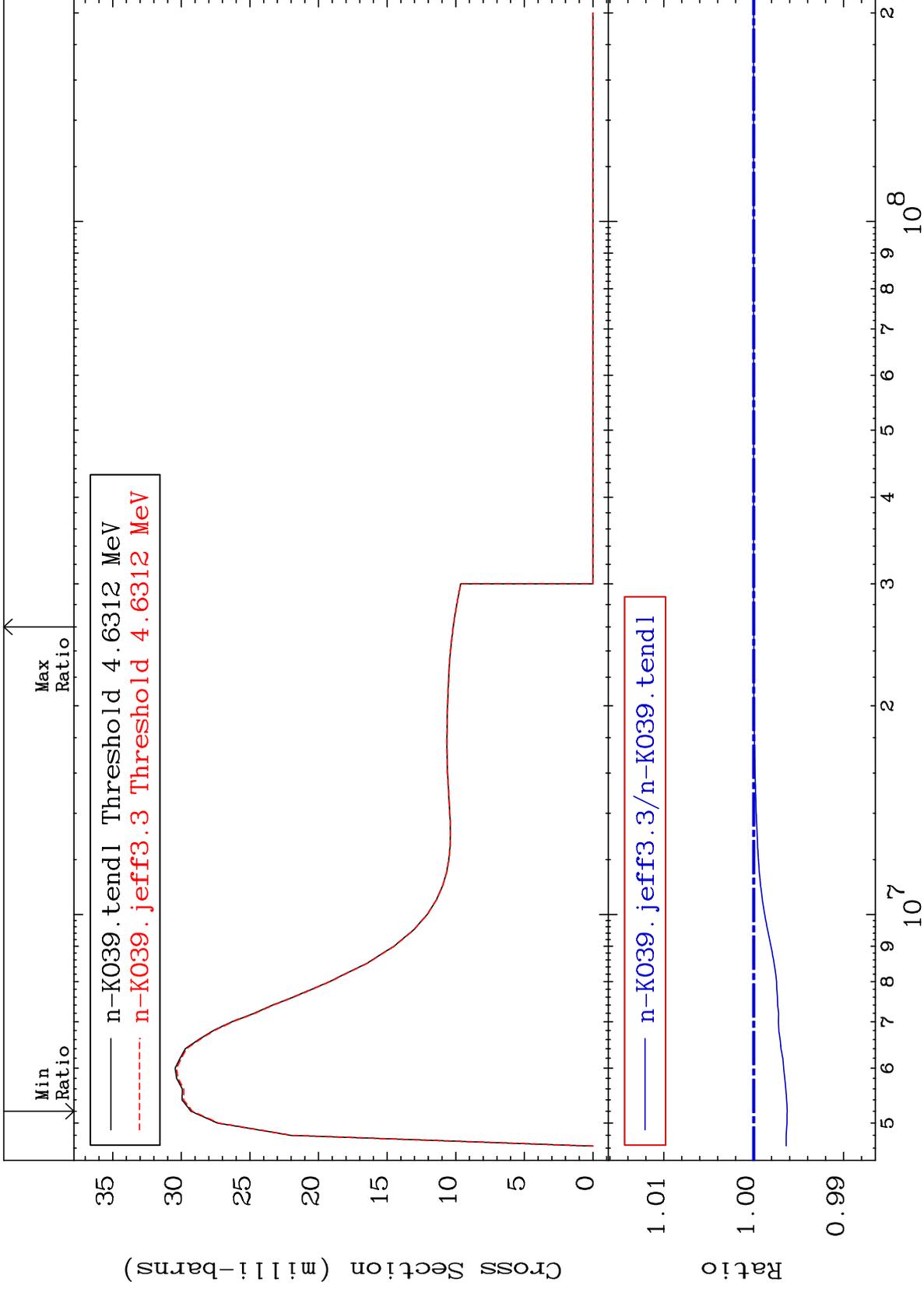


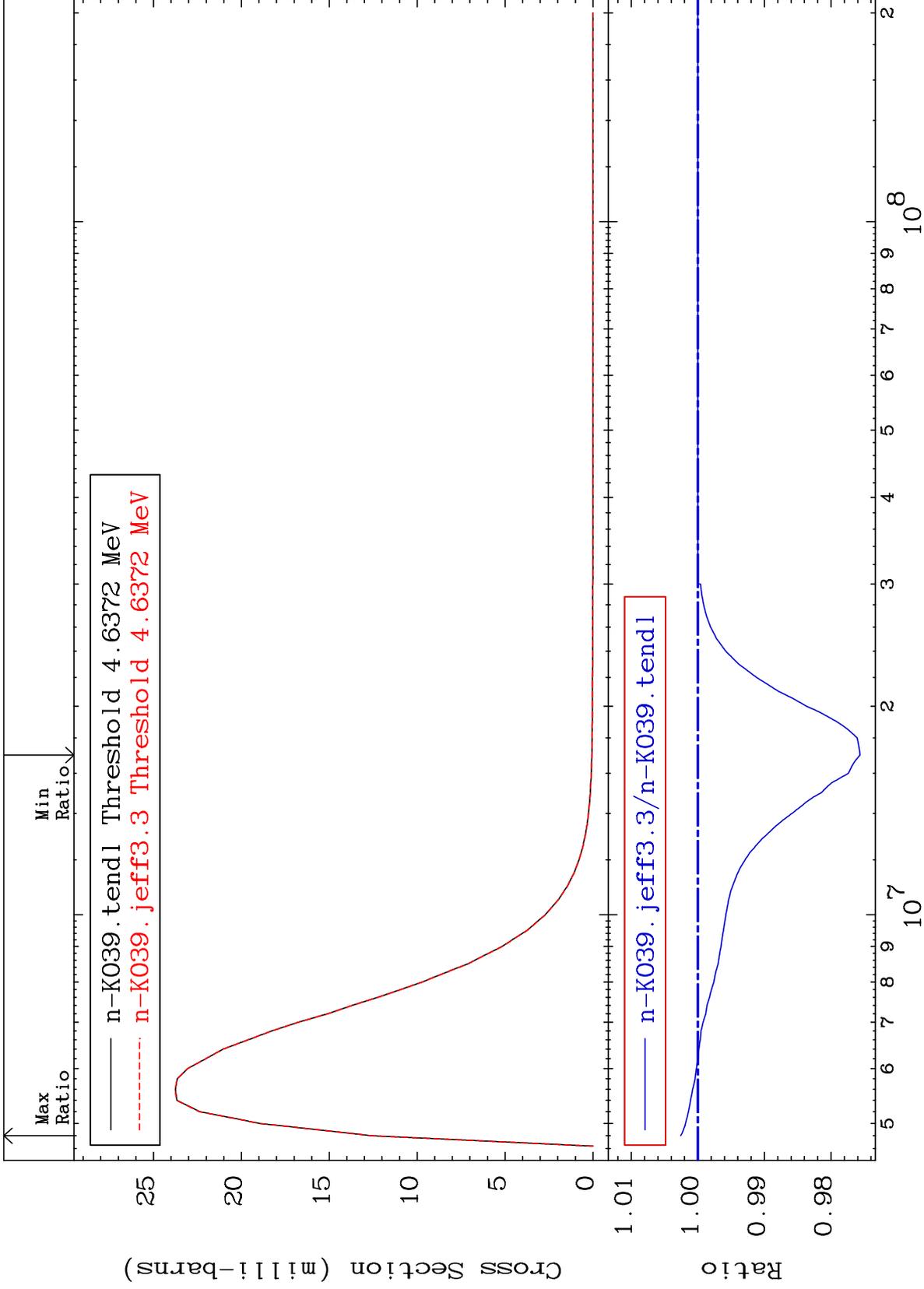
27

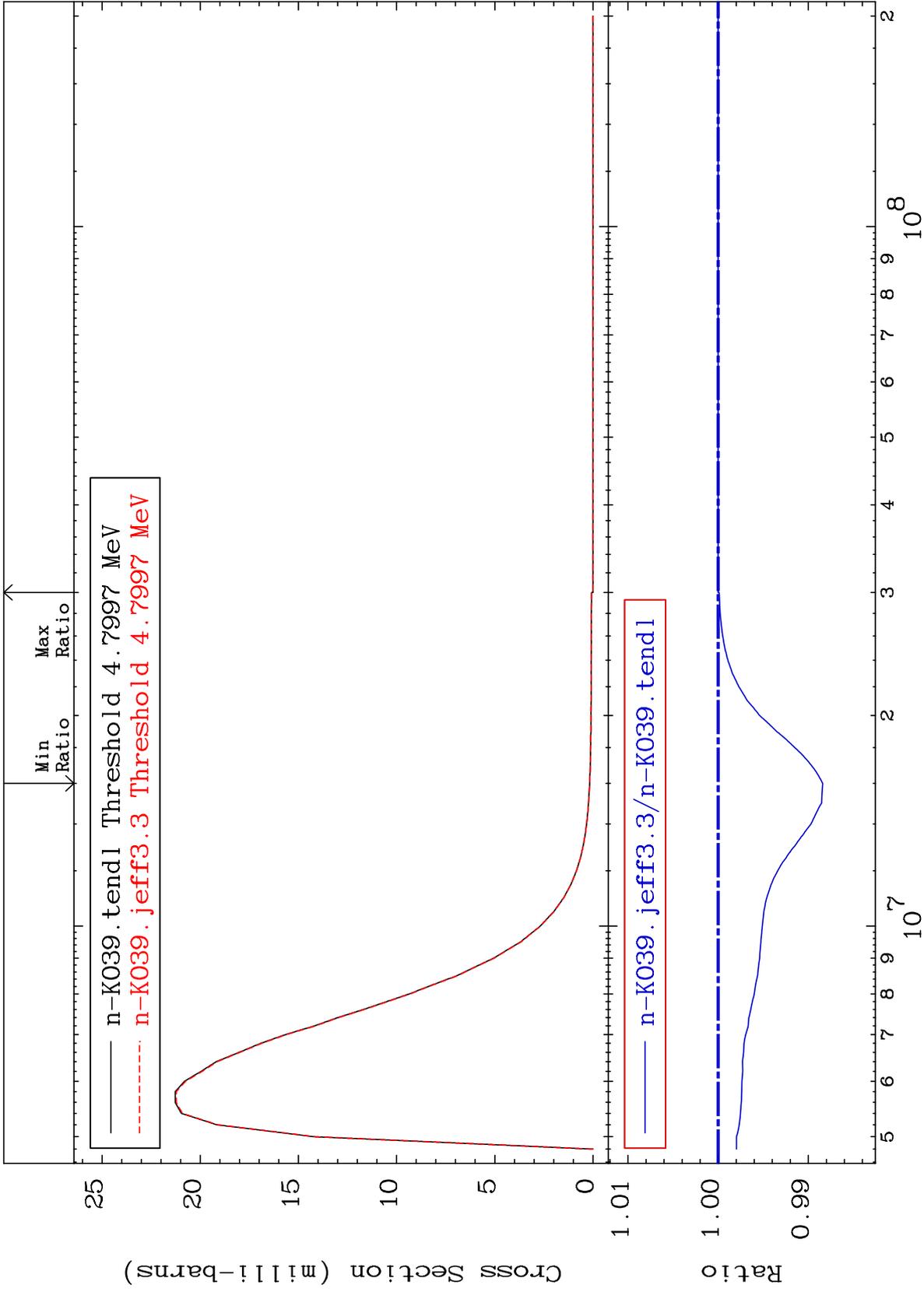
Incident Energy (eV)

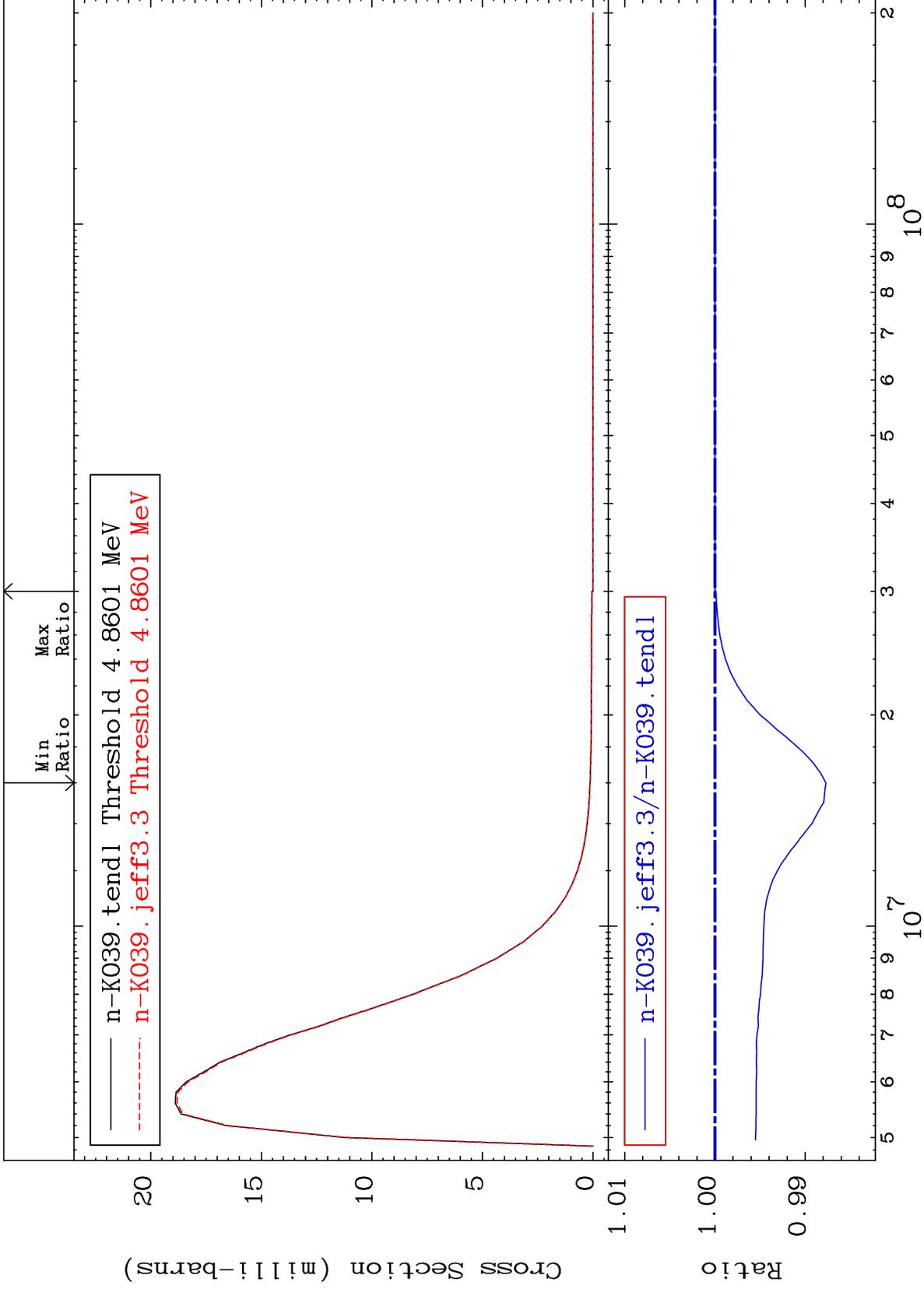
19-K -39

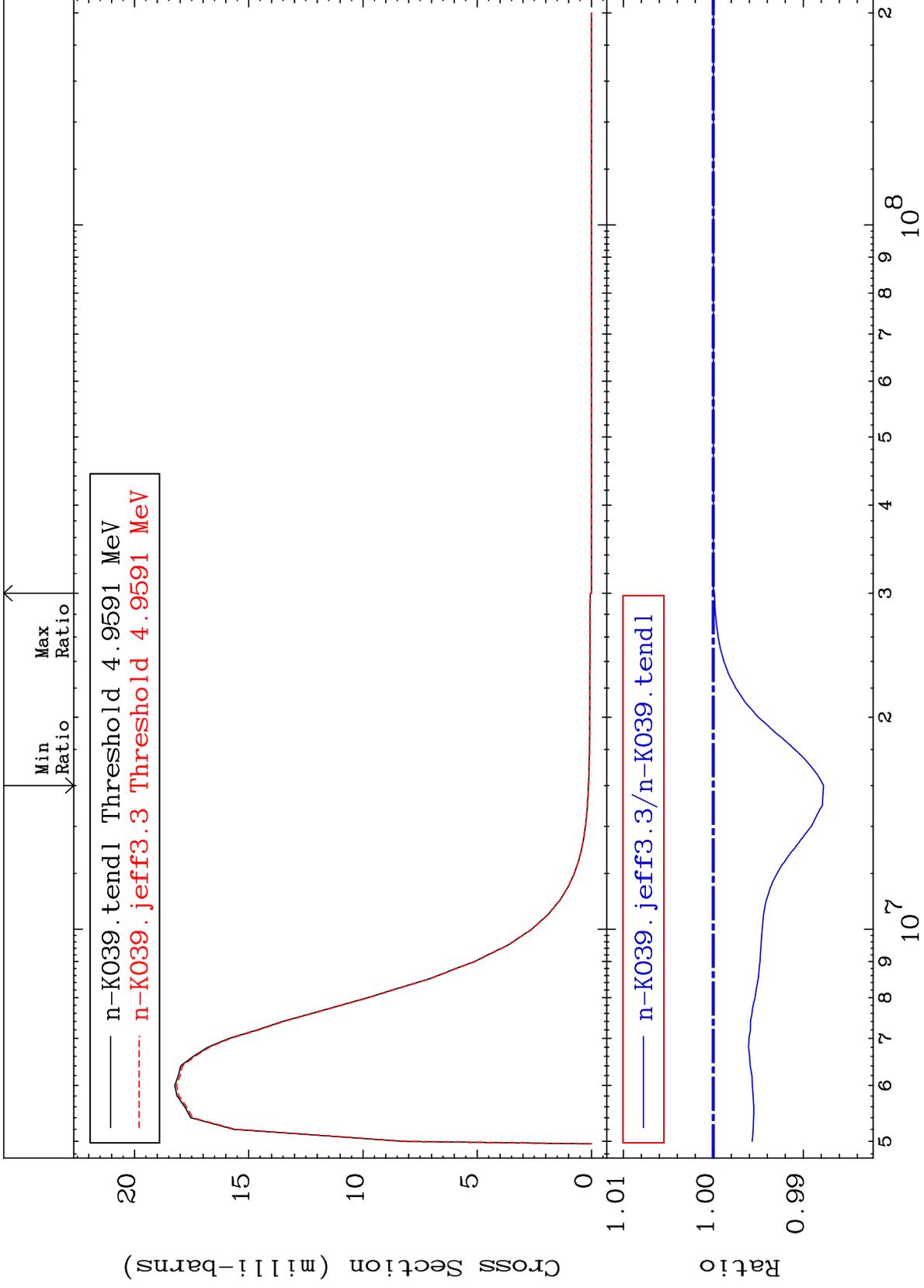


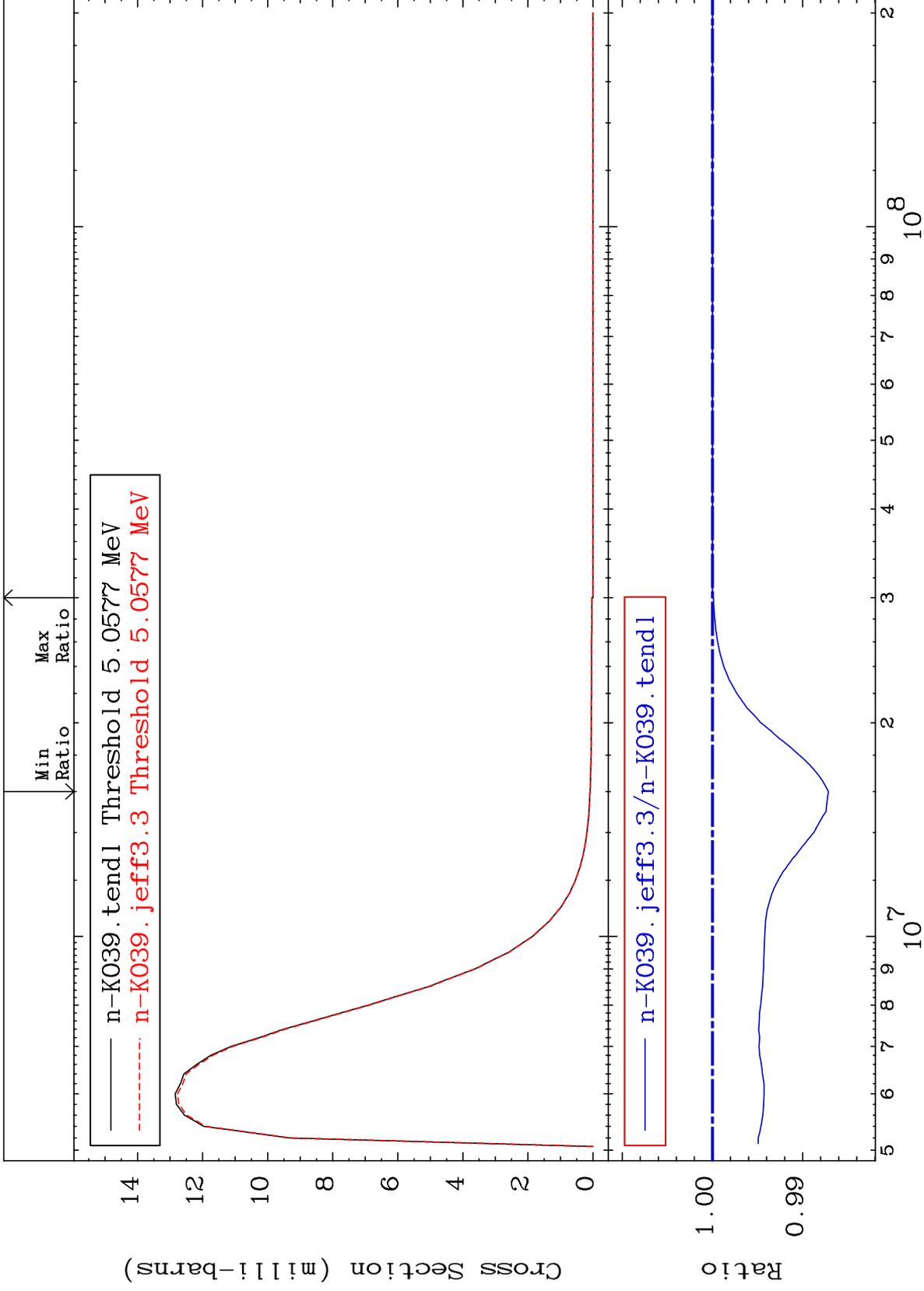


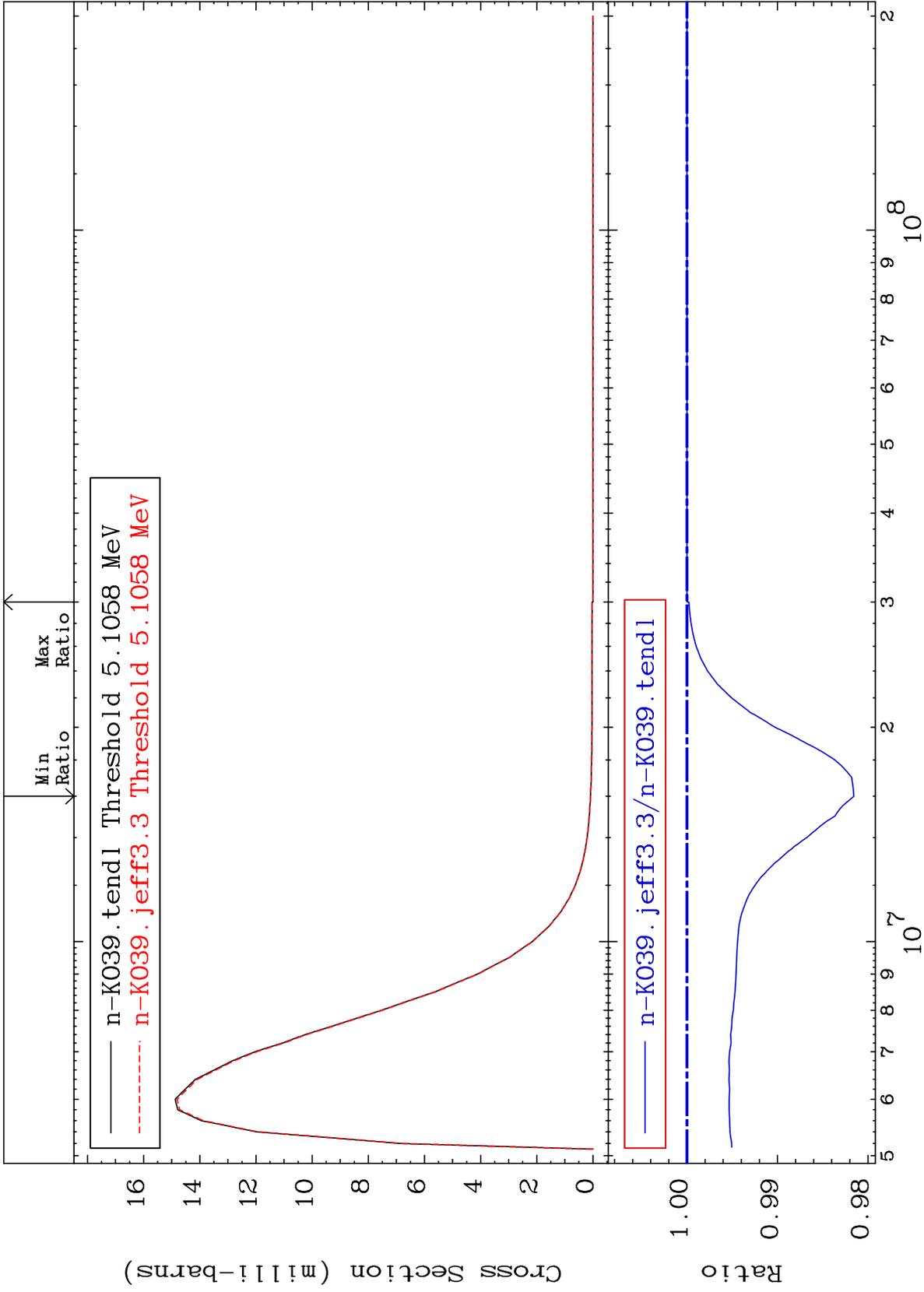


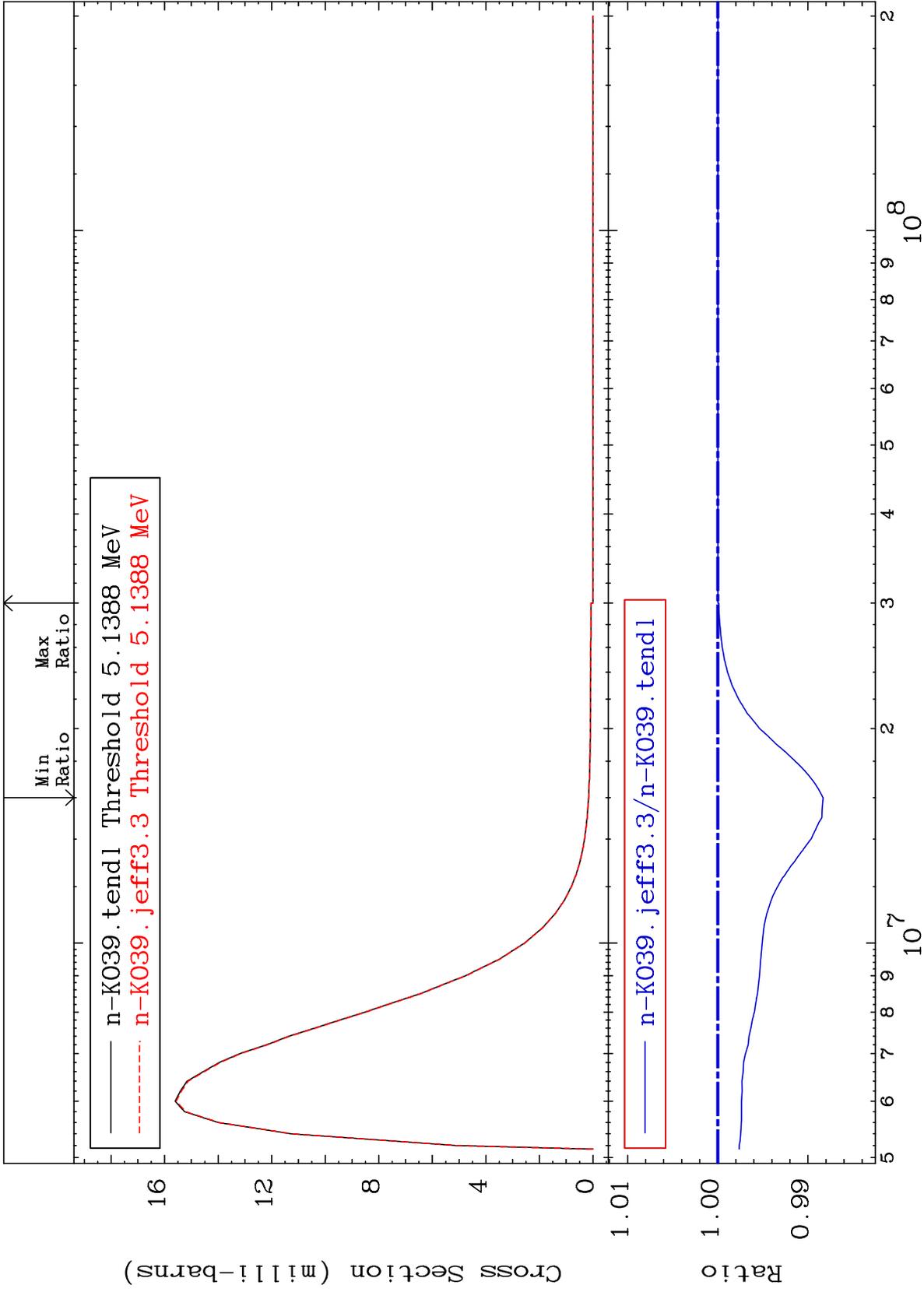


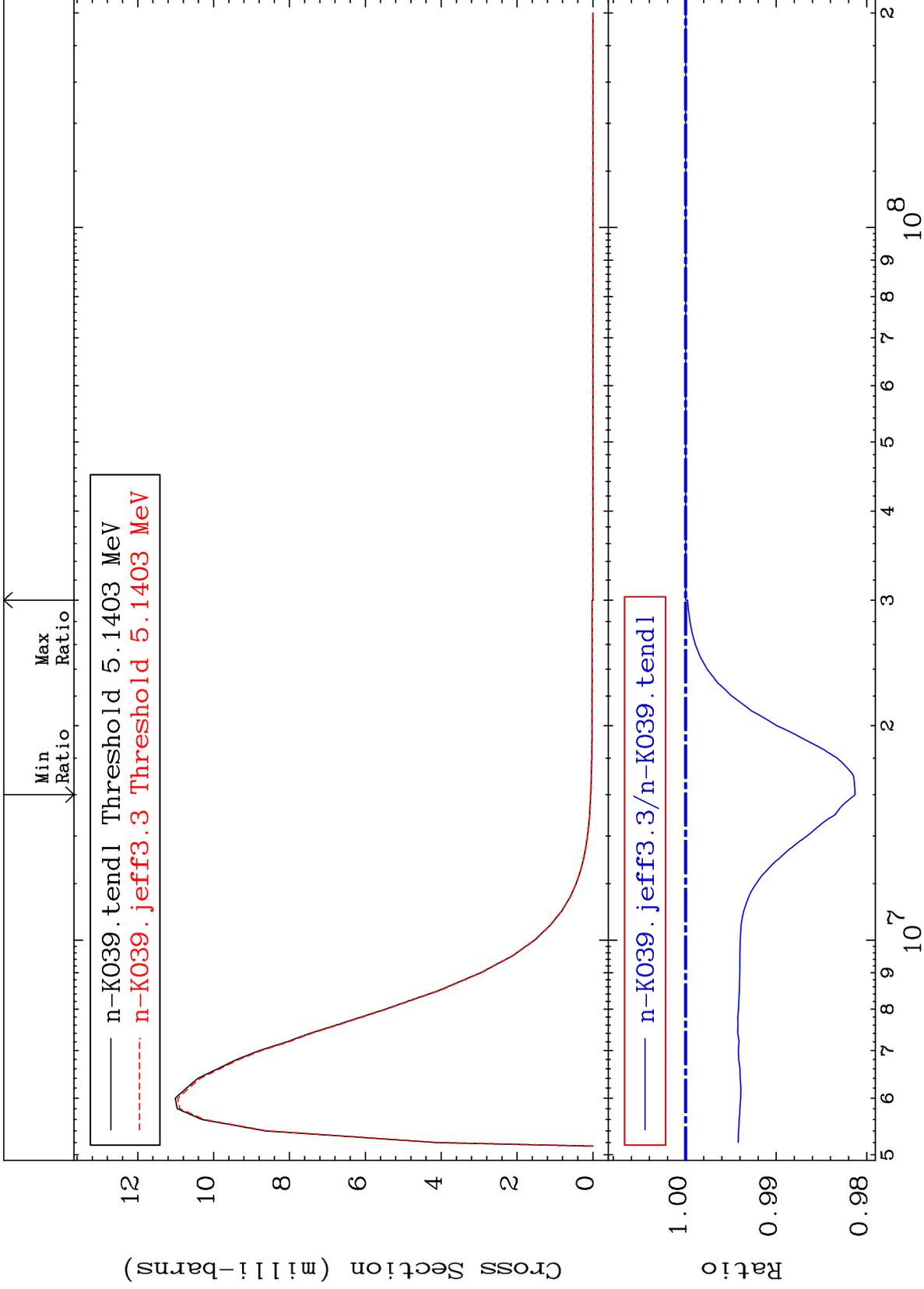


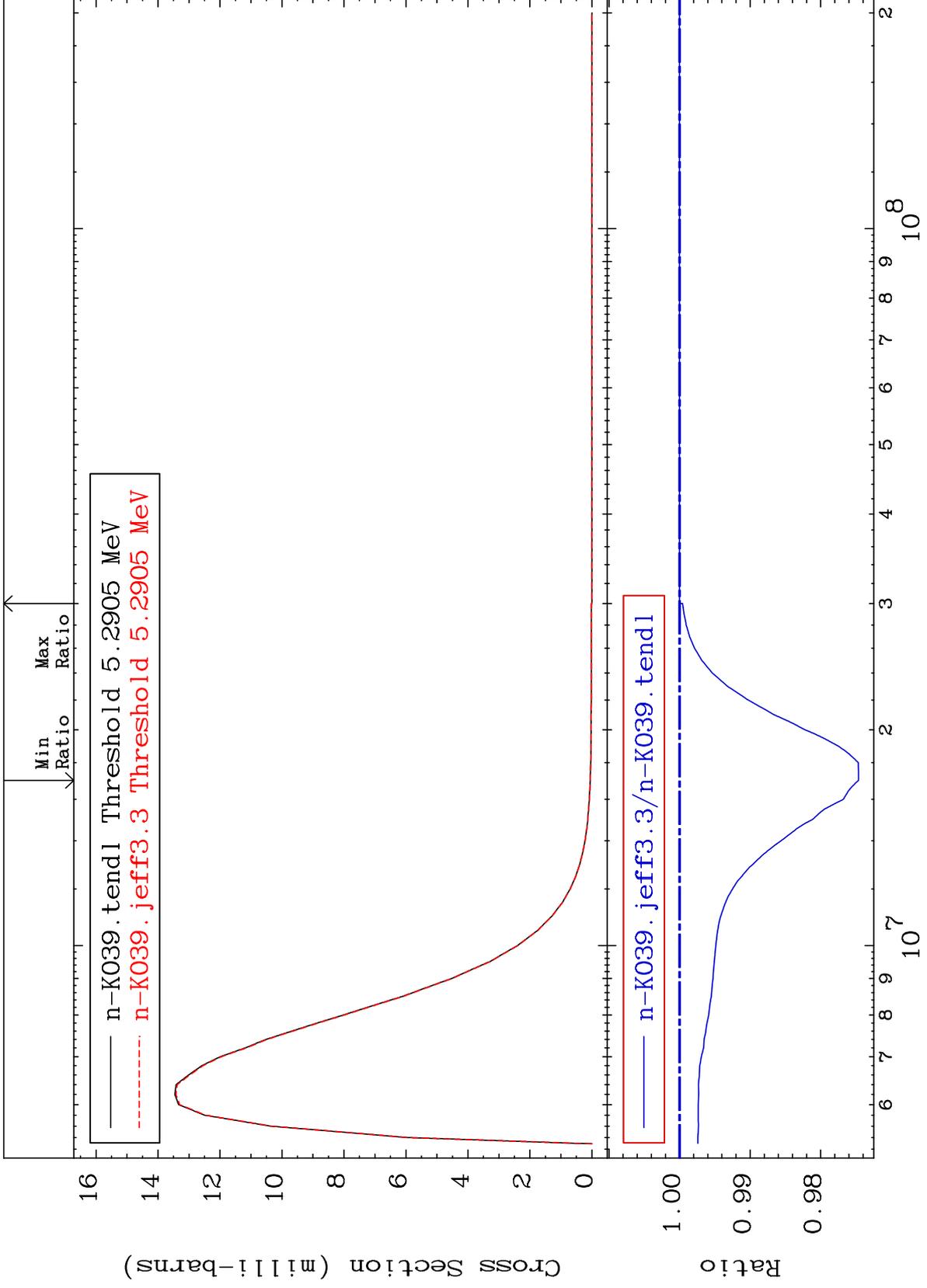








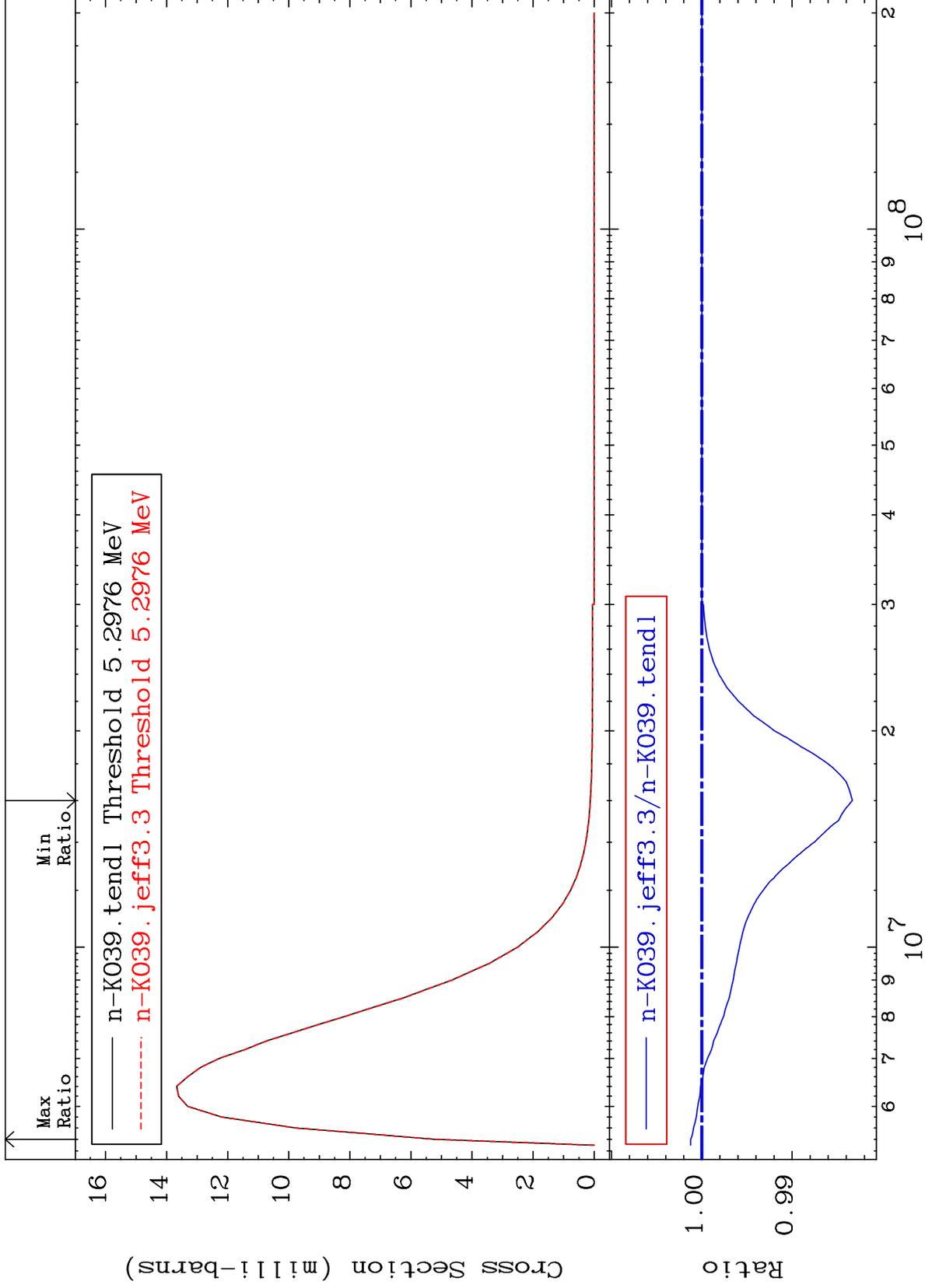




MAT 1925

MT= 72 (n,n') Level  
Cross Section

19-K -39  
-1.667 To 0.123 %



39

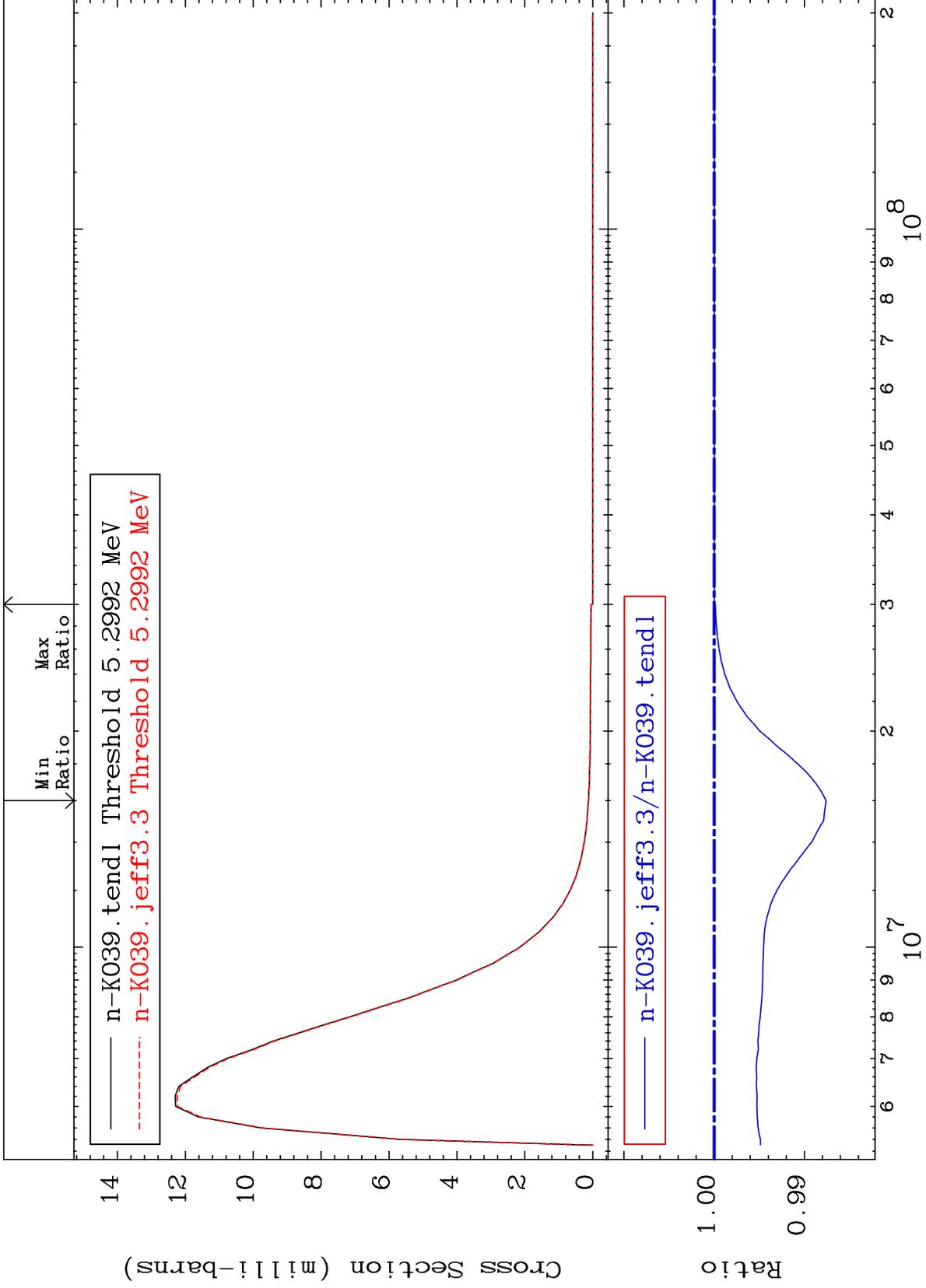
Incident Energy (eV)

19-K -39

MAT 1925

MT= 73 (n,n') Level  
Cross Section

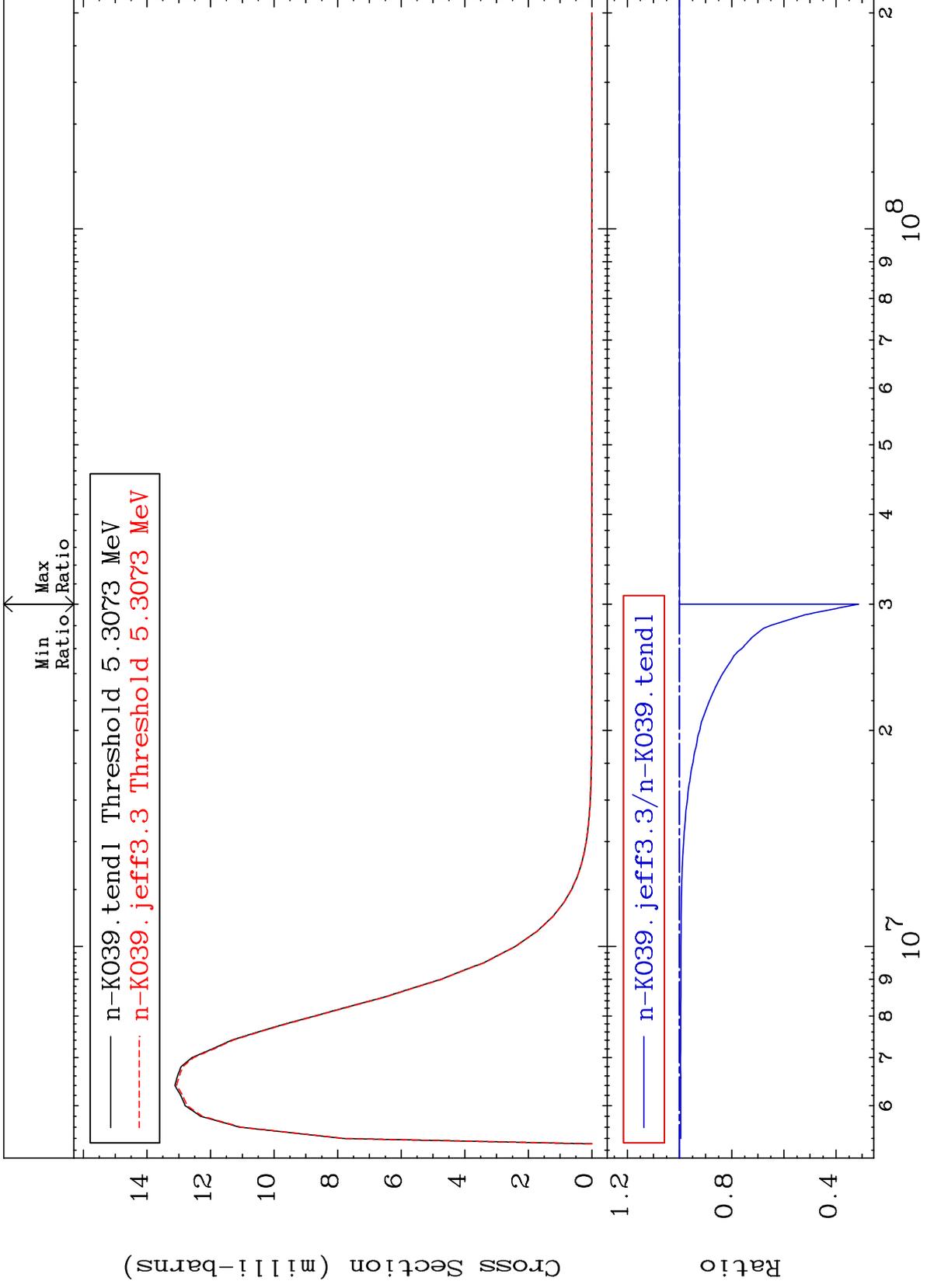
19-K -39  
-1.241 To 0.000 %



40

Incident Energy (eV)

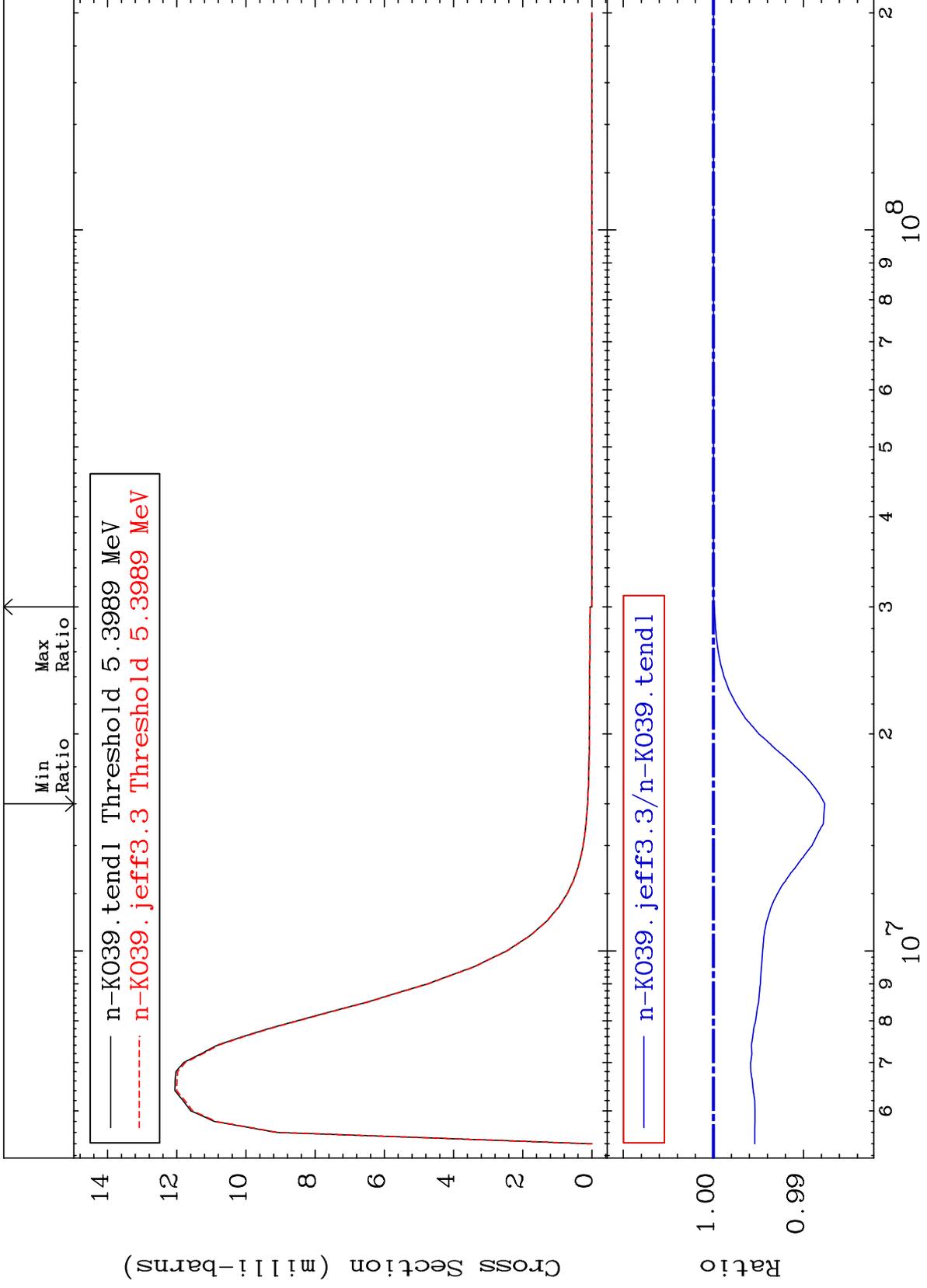
19-K -39

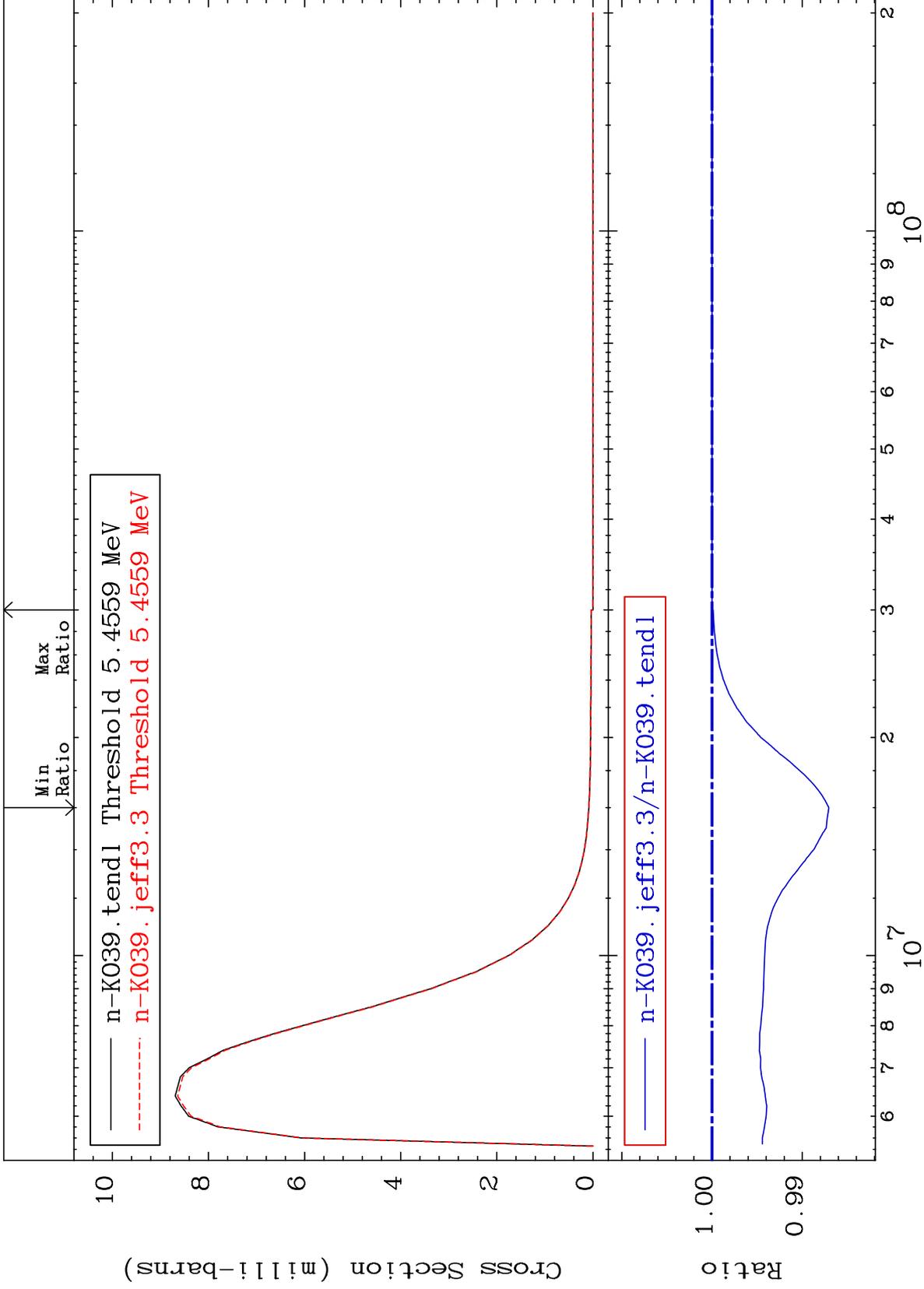


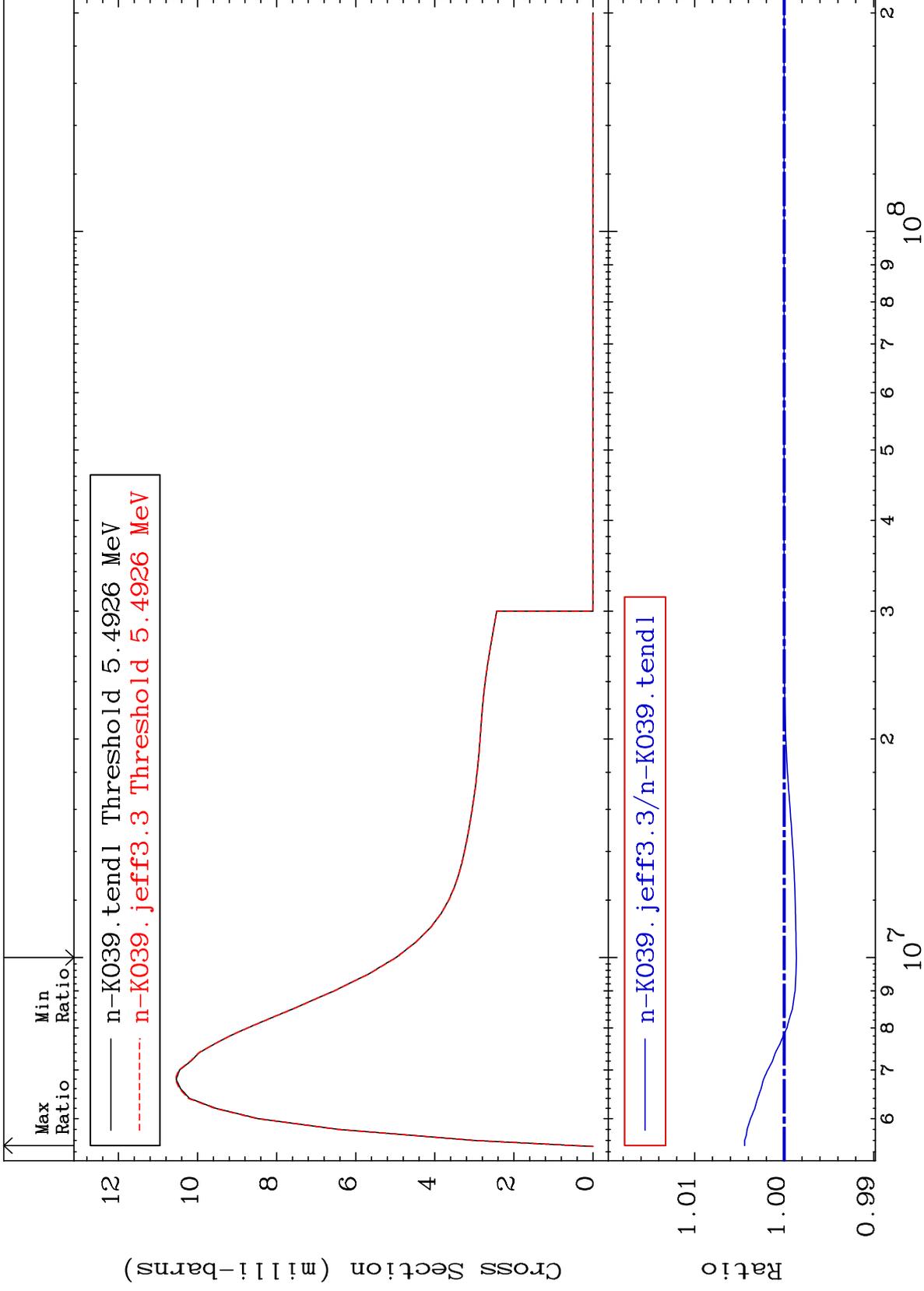
MAT 1925

MT= 75 (n,n') Level  
Cross Section

19-K -39  
-1.236 To 0.000 %



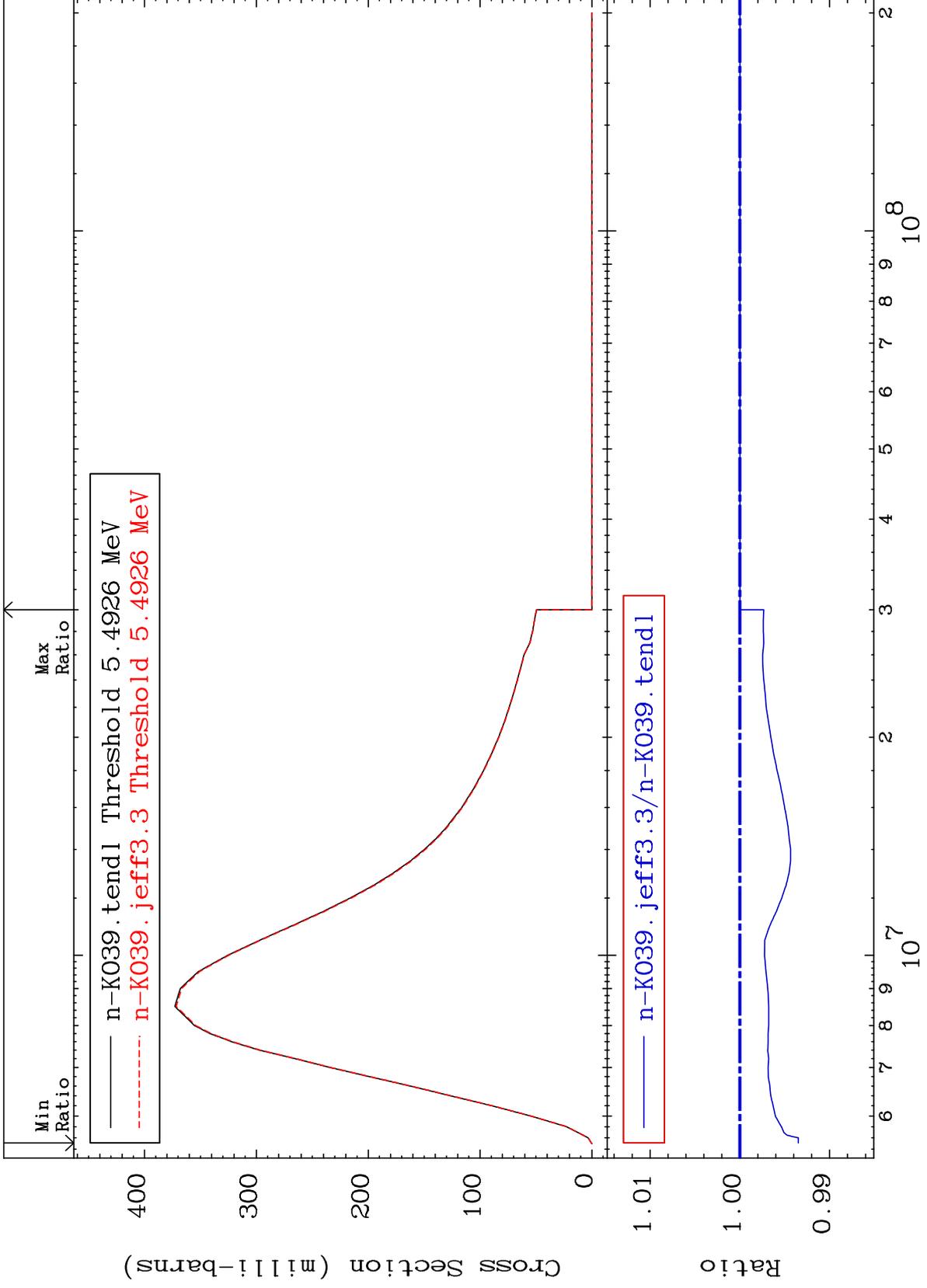




MAT 1925

(n, n') Continuum  
Cross Section

19-K -39  
-0.650 To 0.000 %



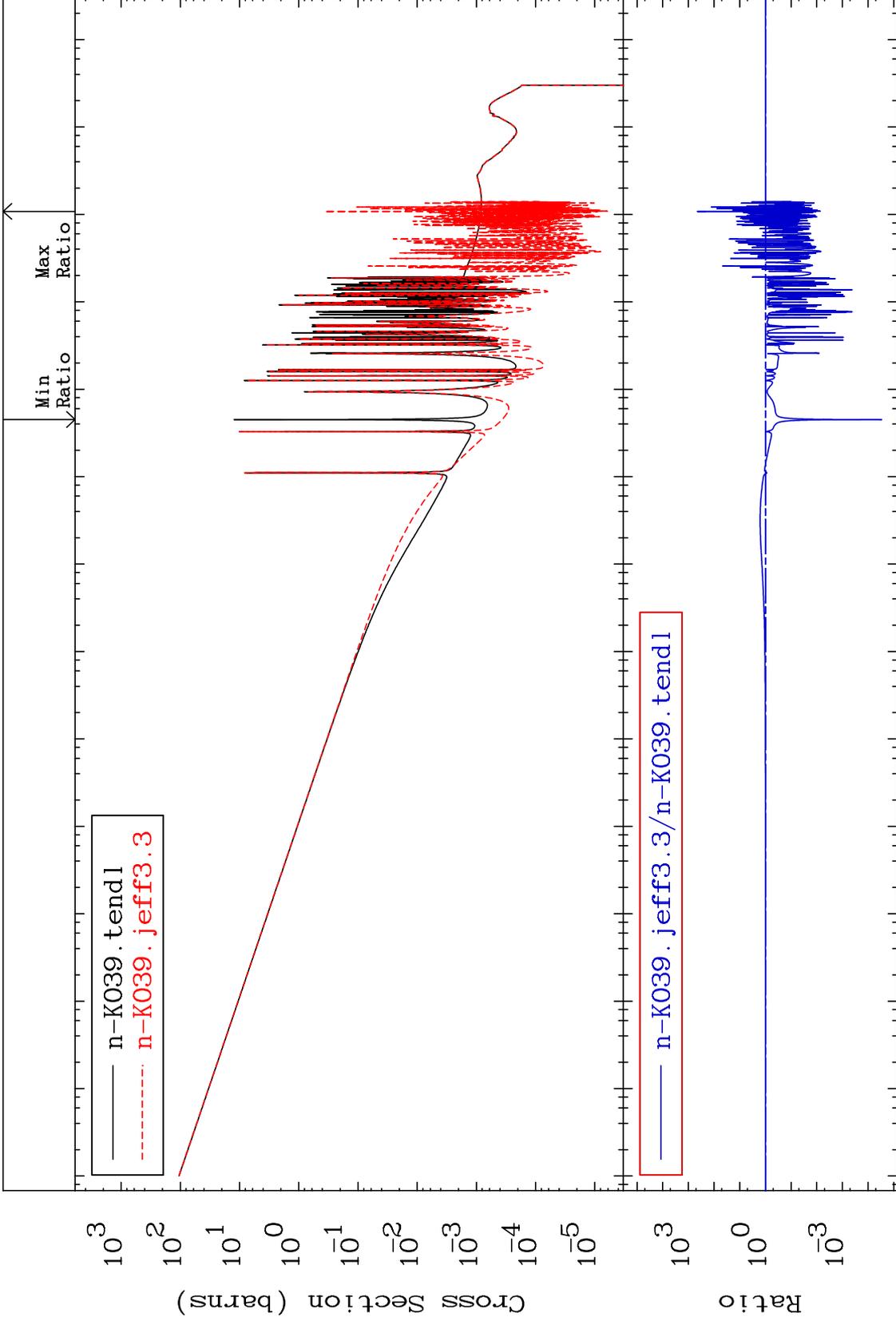
45

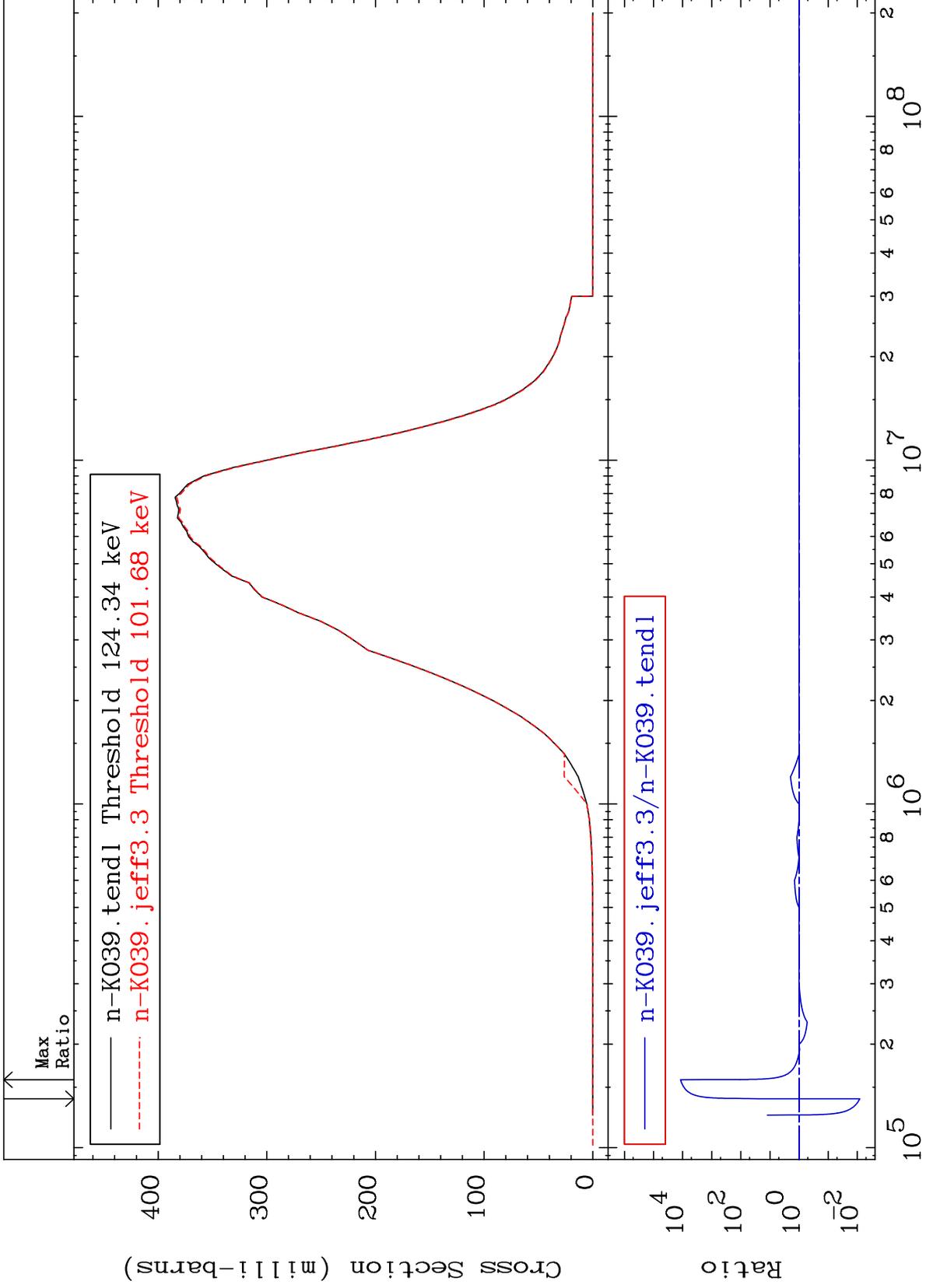
Incident Energy (eV)

19-K -39

Cross Section

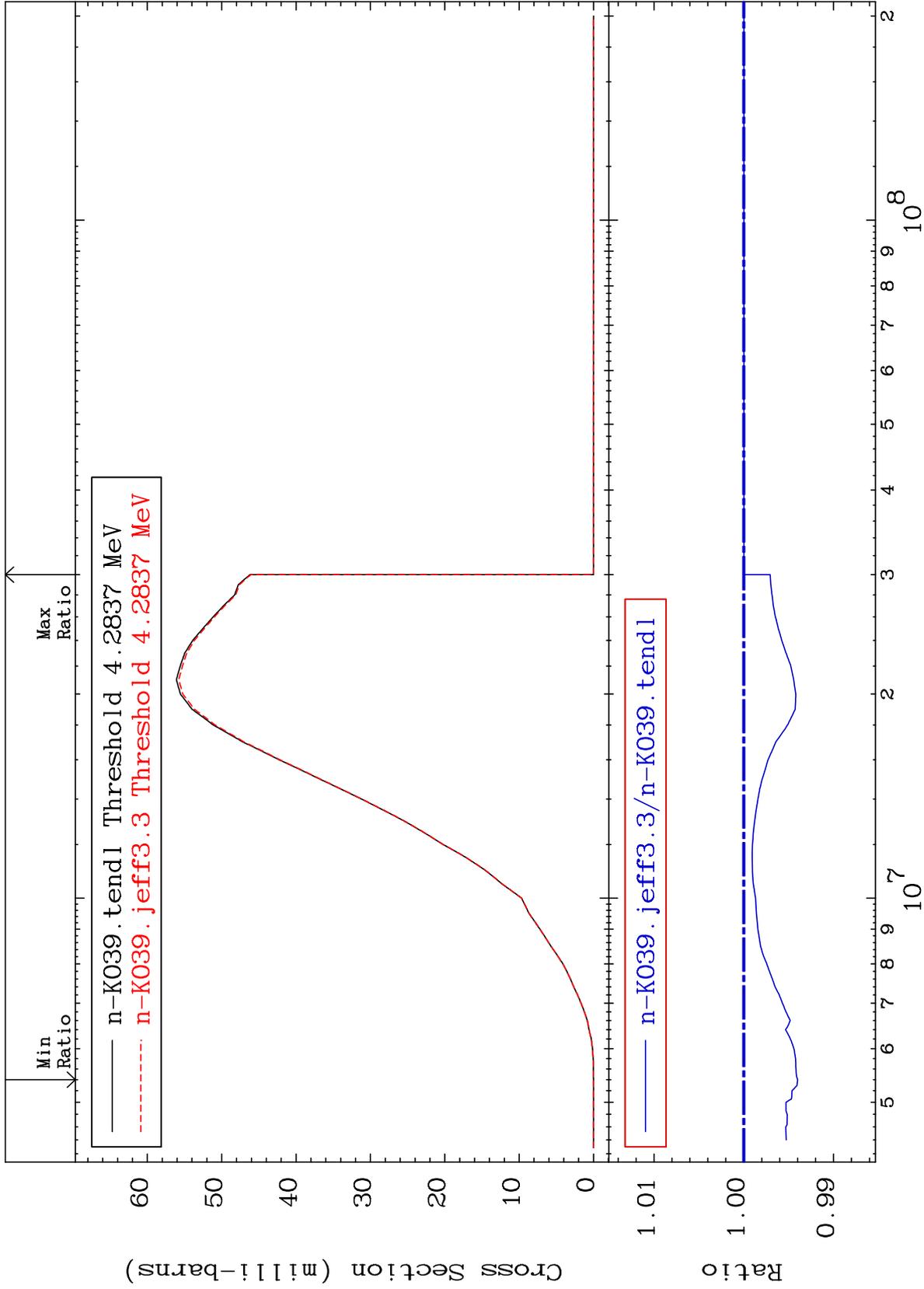
-100.0 To 9999. %





Cross Section

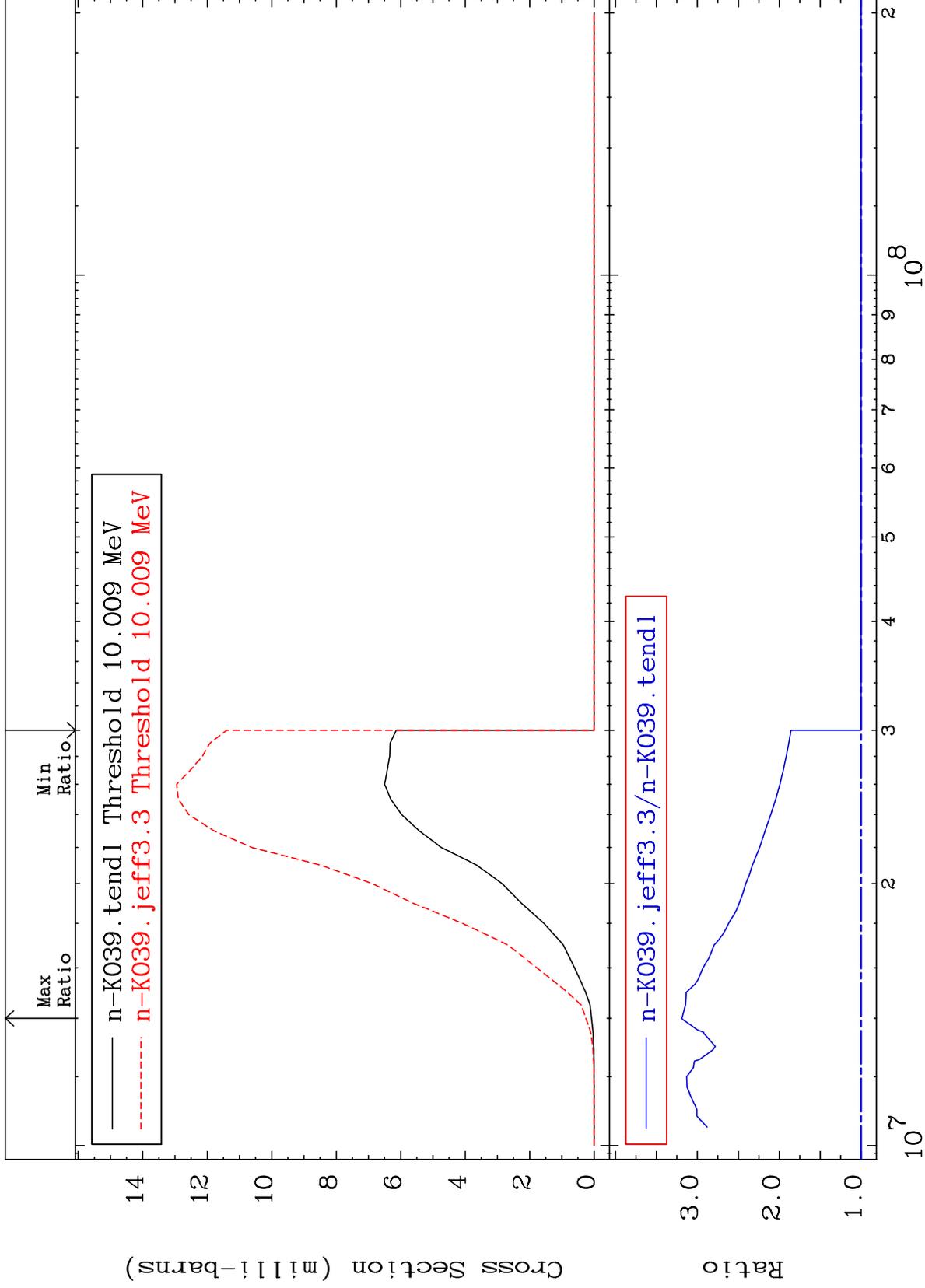
-0.599 To 0.000 %



MAT 1925

(n, t)  
Cross Section

19-K -39  
0.000 To 218.9 %

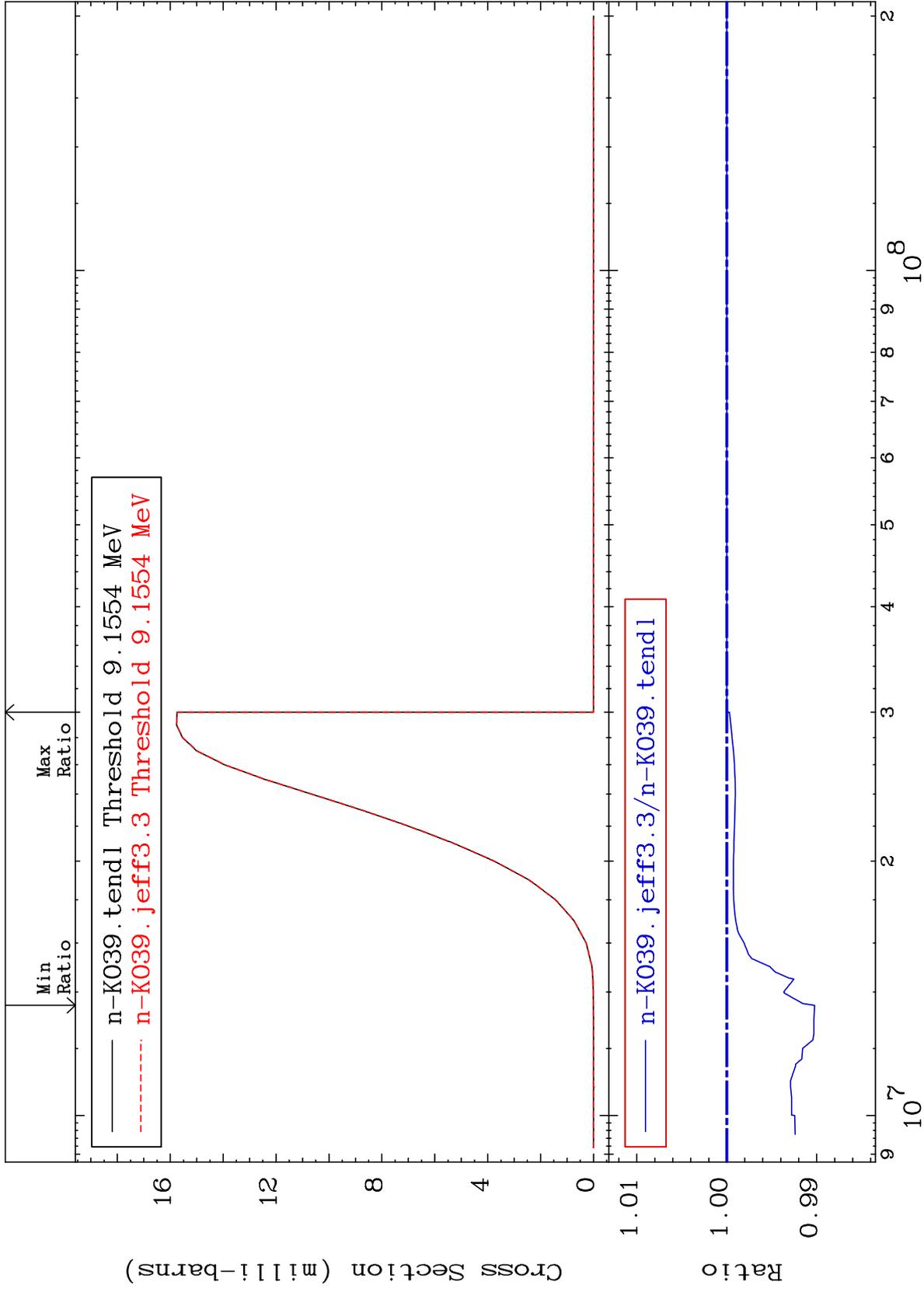


49

19-K -39

Cross Section

-0.977 To 0.000 %



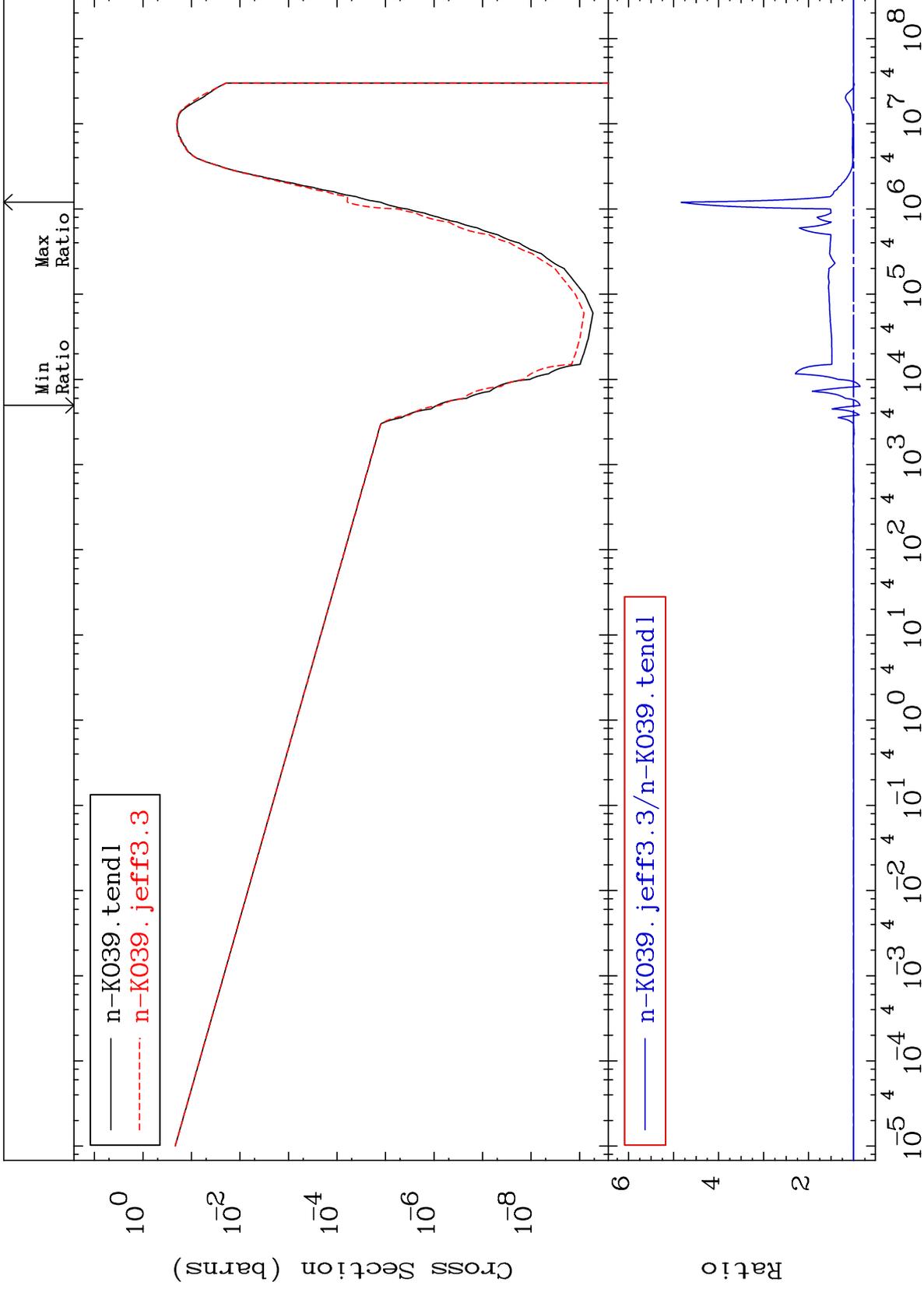
MAT 1925

(n,  $\alpha$ )

Cross Section

19-K -39

-14.40 To 384.0 %



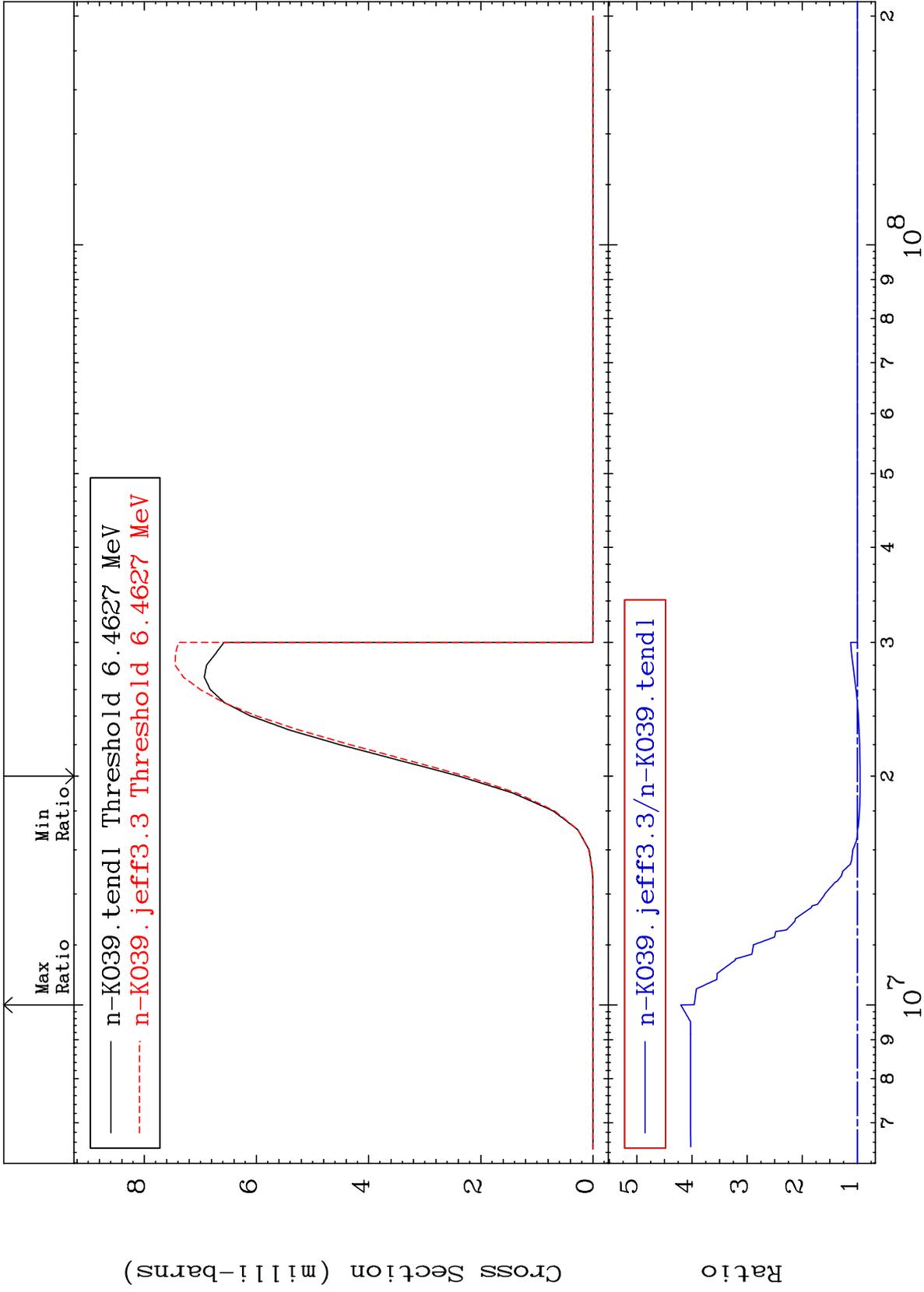
51

Incident Energy (eV)

19-K -39

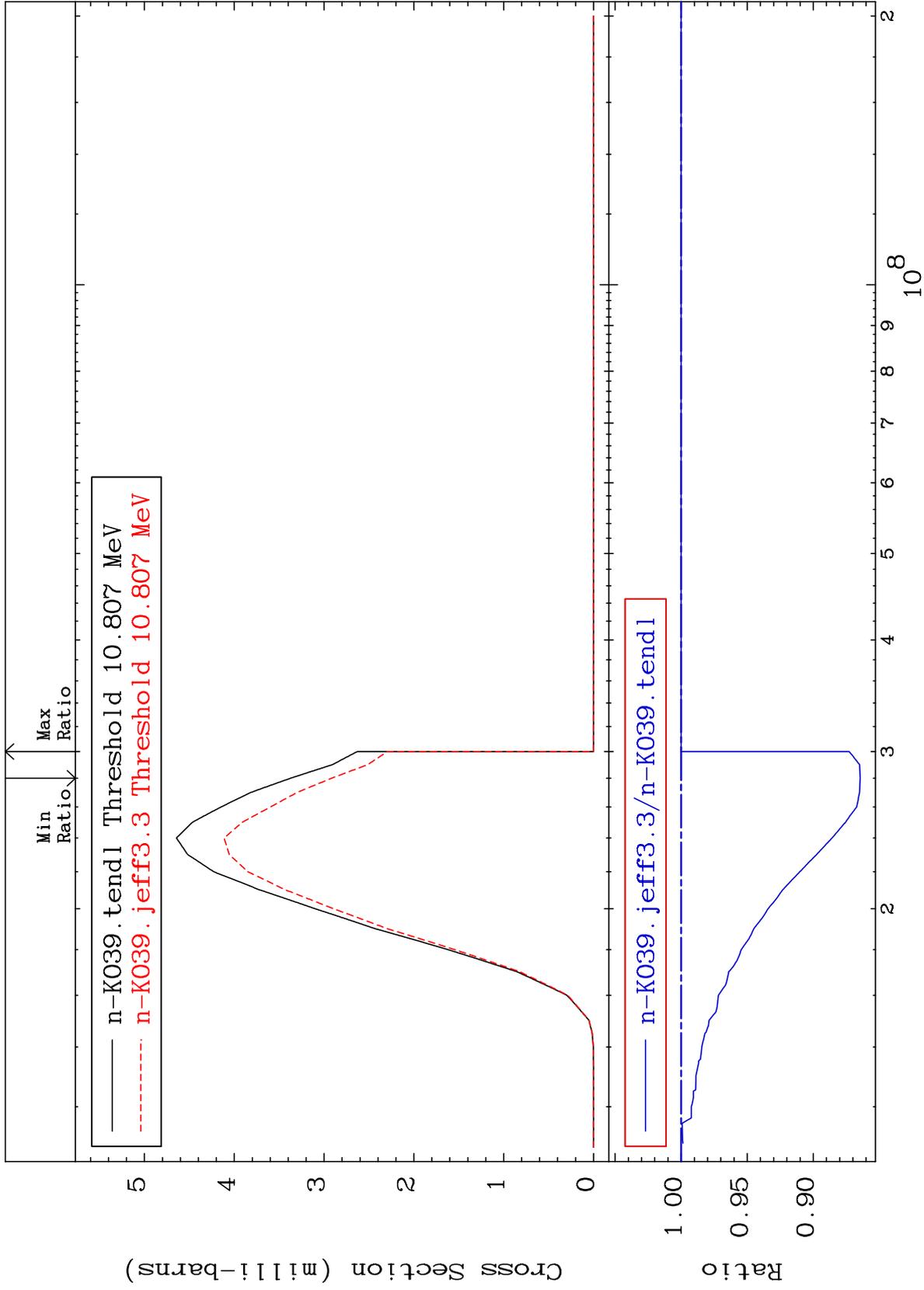
Cross Section

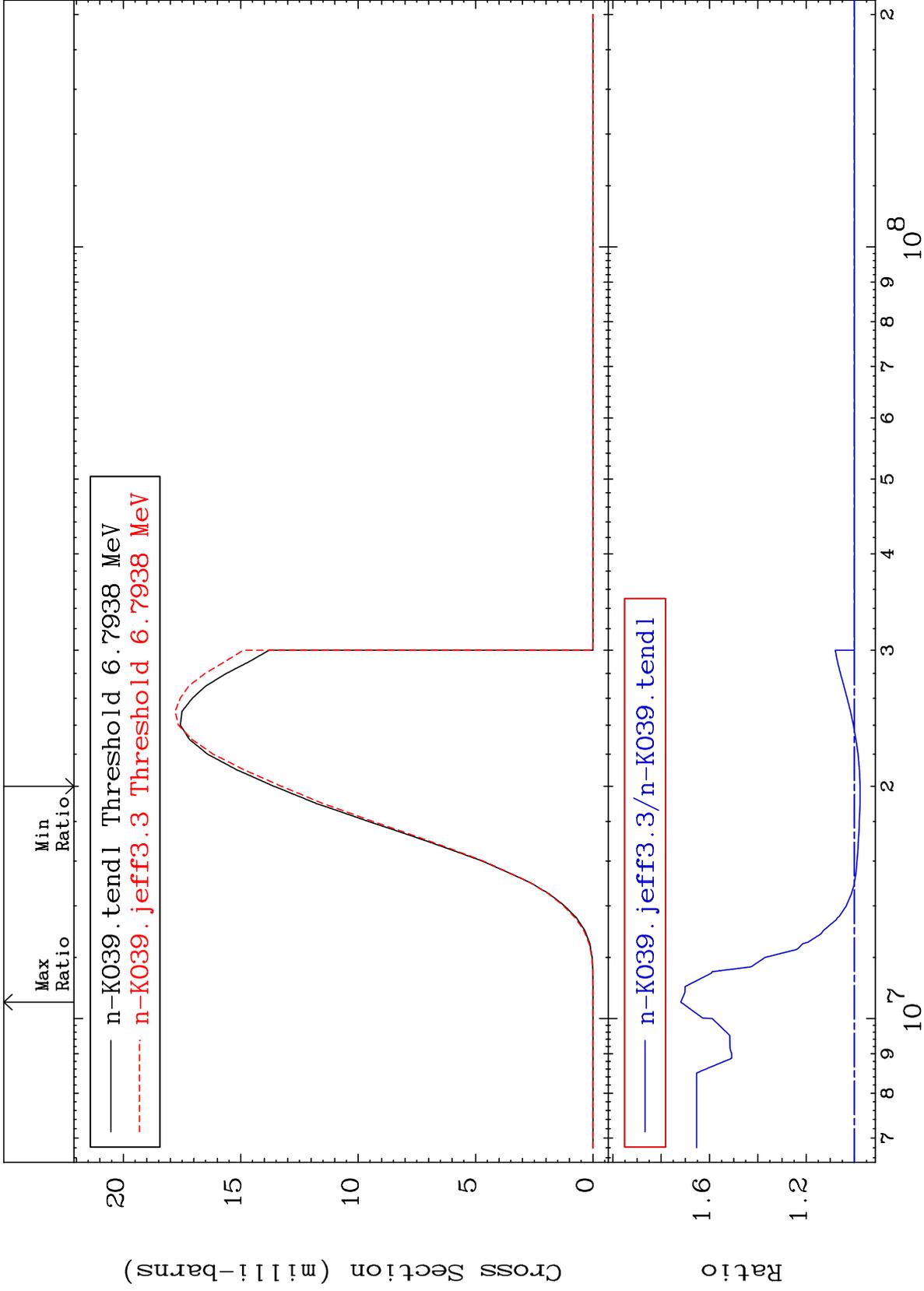
-4.837 To 320.4 %



Cross Section

-13.55 To 0.000 %

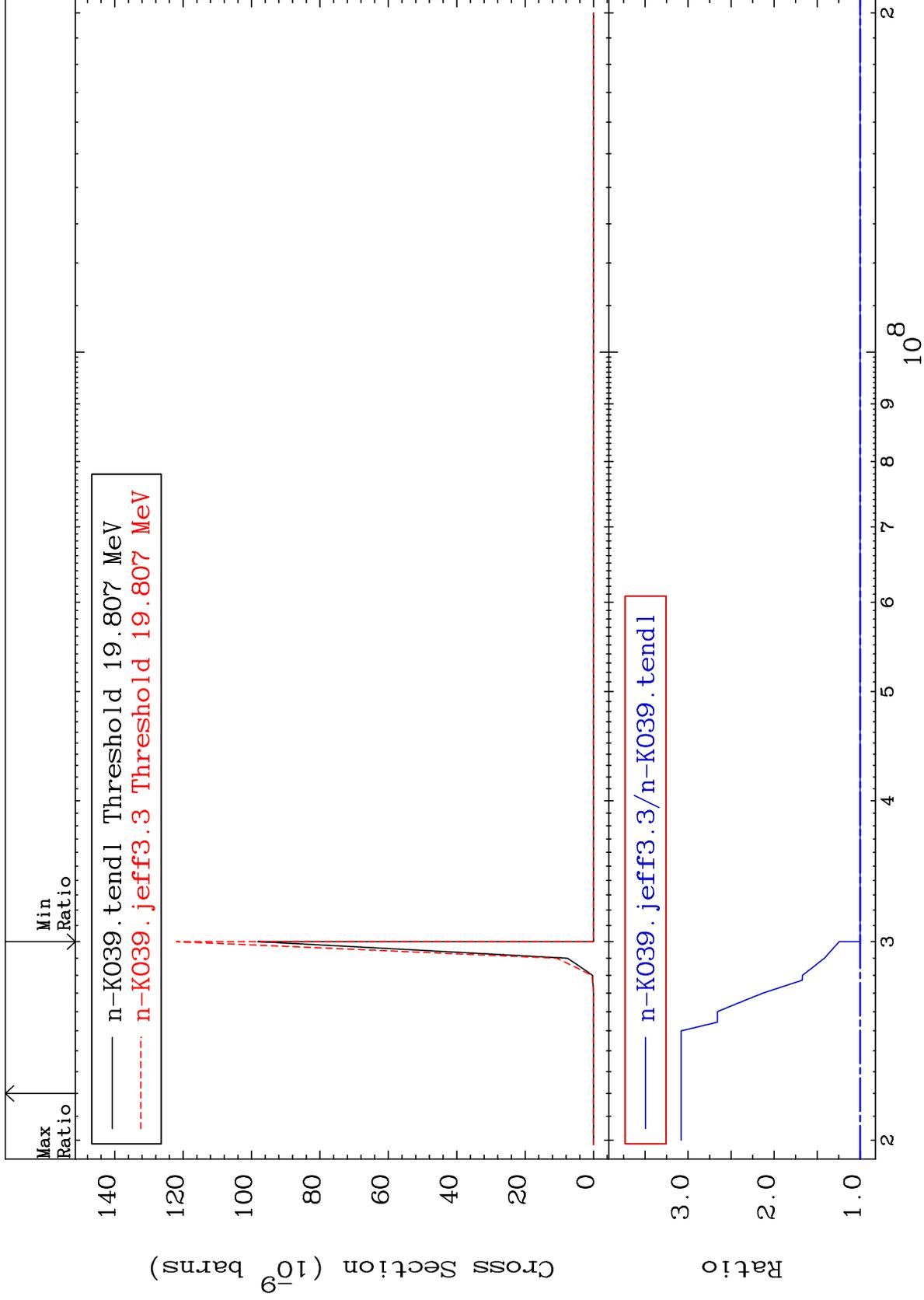




MAT 1925

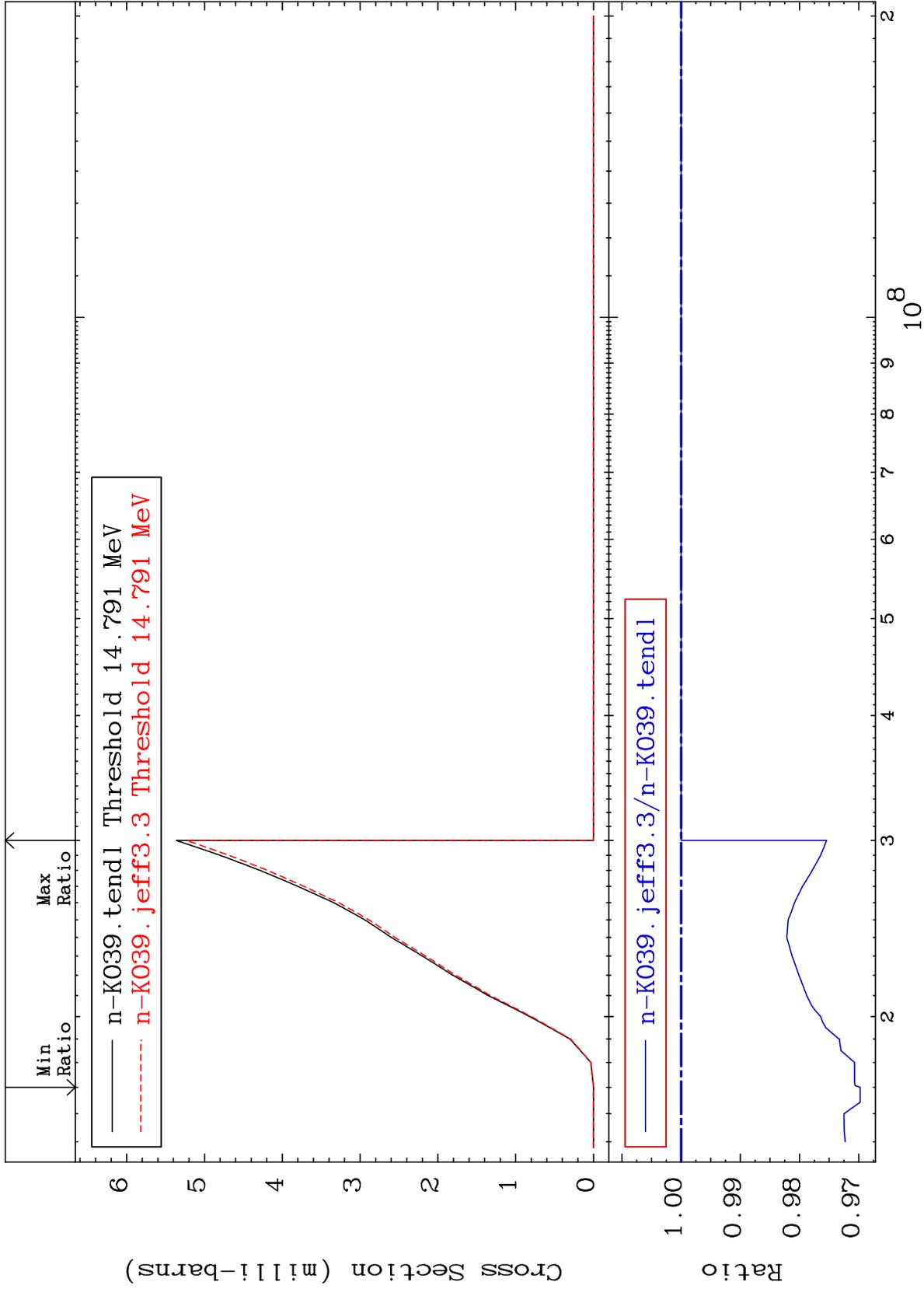
(n,d) 2α  
Cross Section

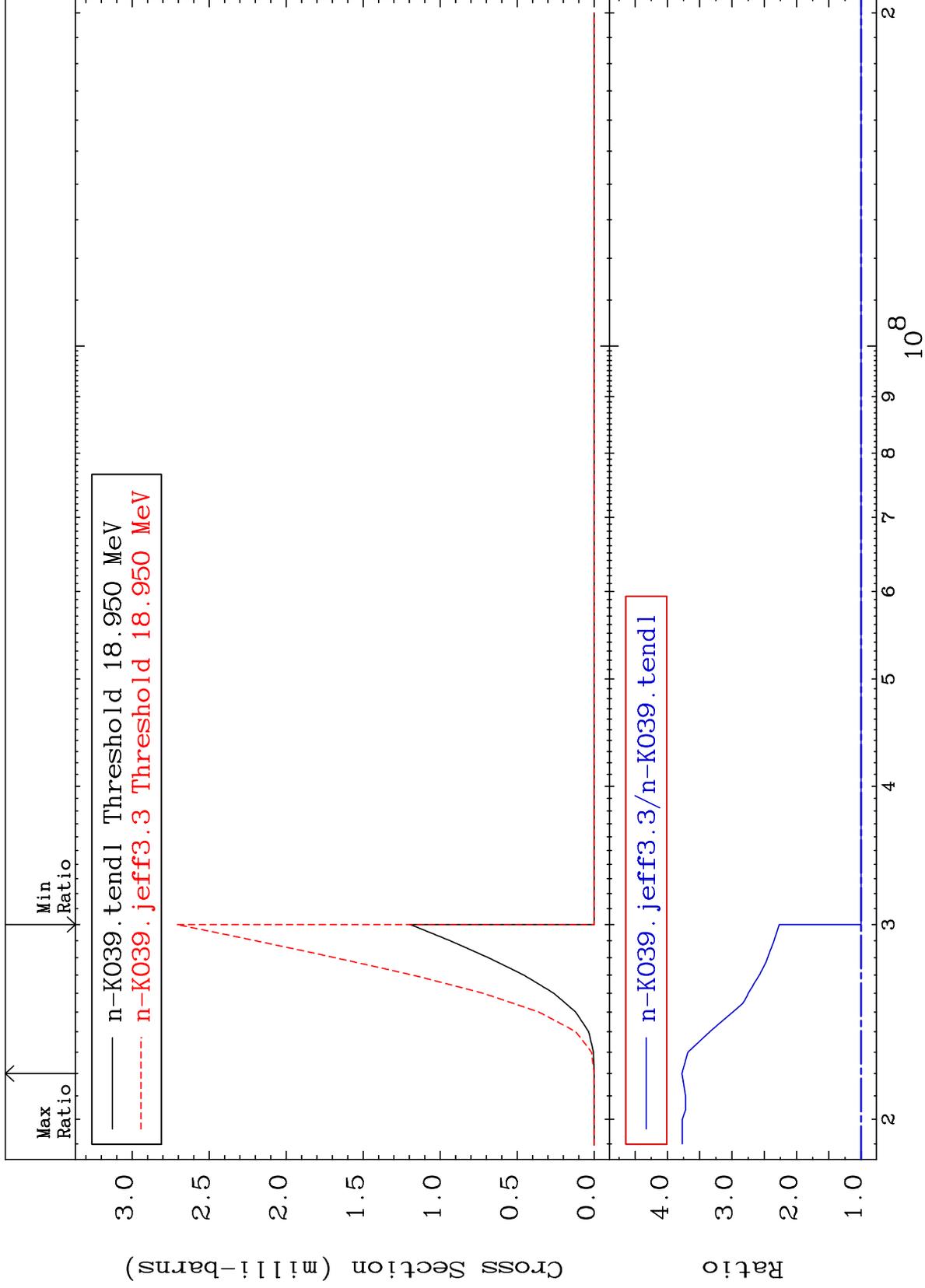
19-K -39  
0.000 To 208.1 %

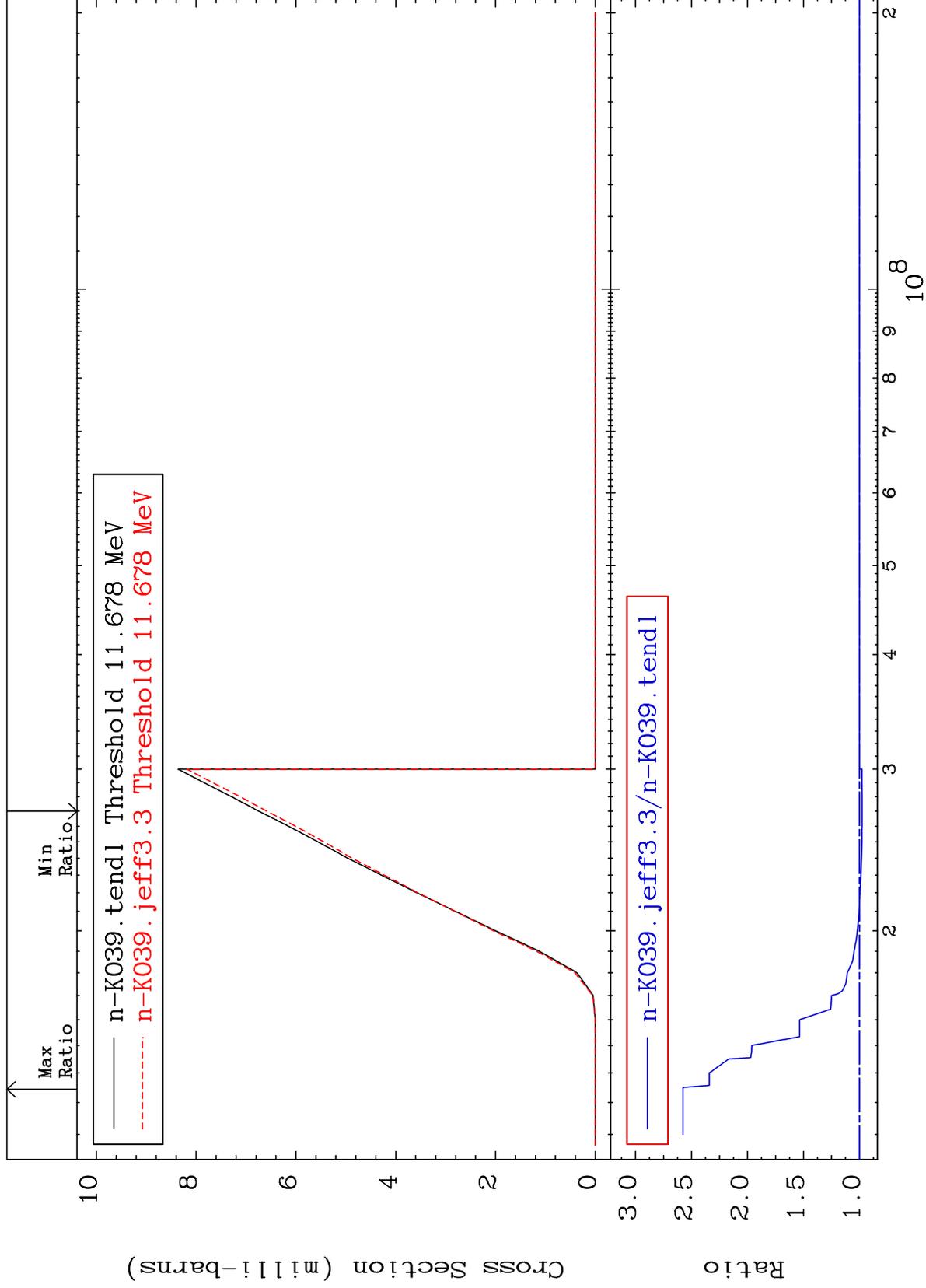


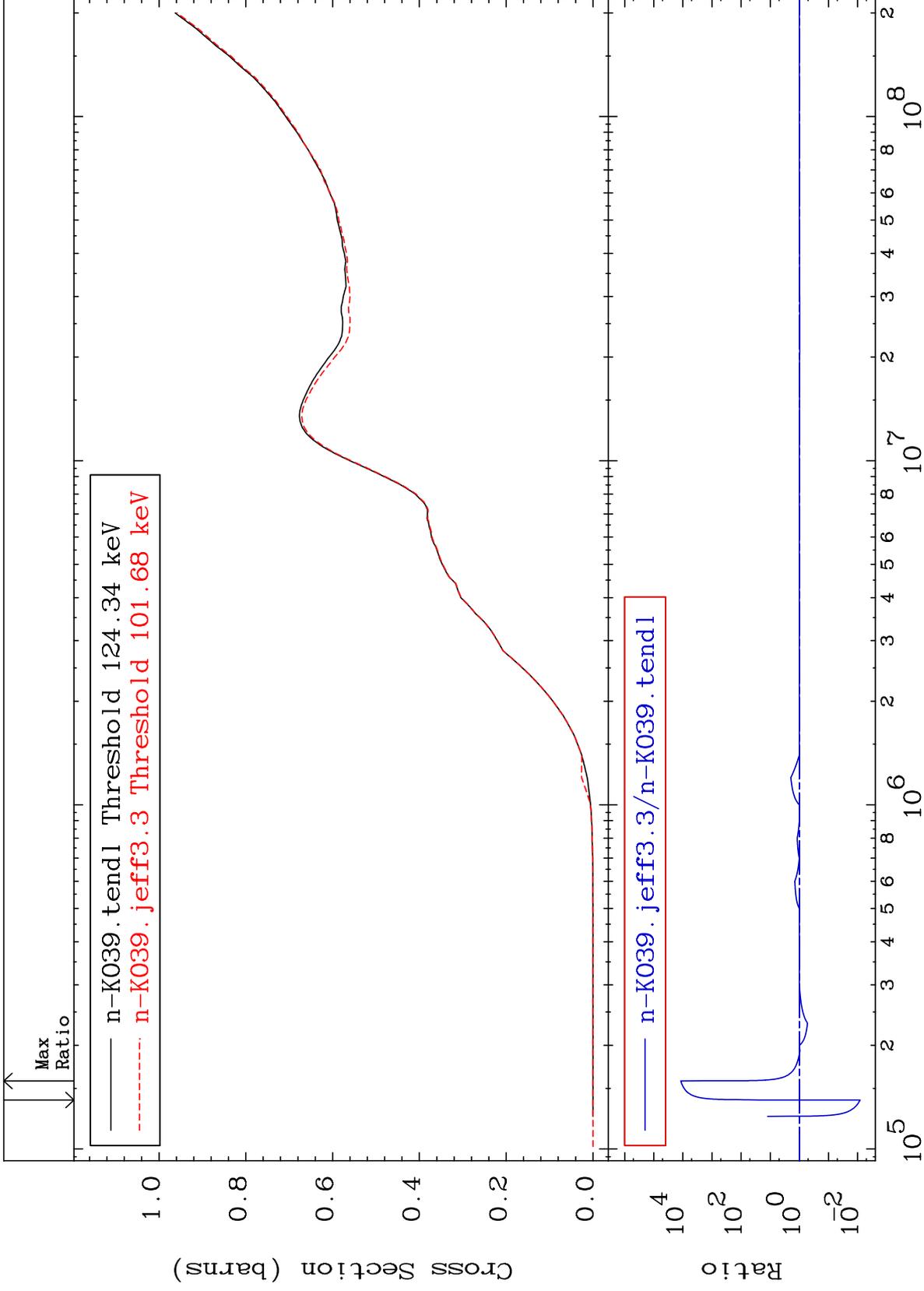
Cross Section

-3.026 To 0.000 %





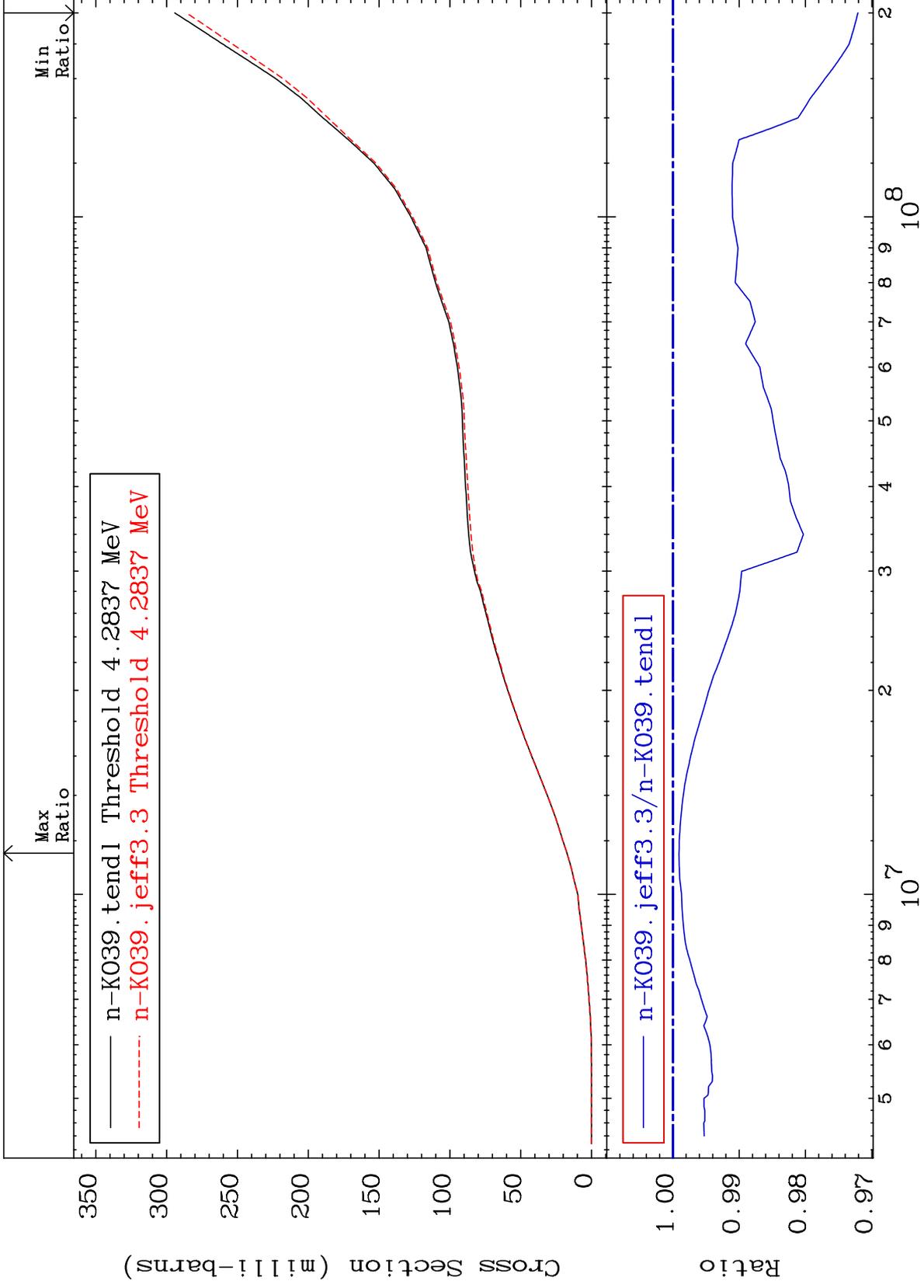




MAT 1925

### Deuterium Production Cross Section

19-K -39  
-2.791 To -0.093%



60

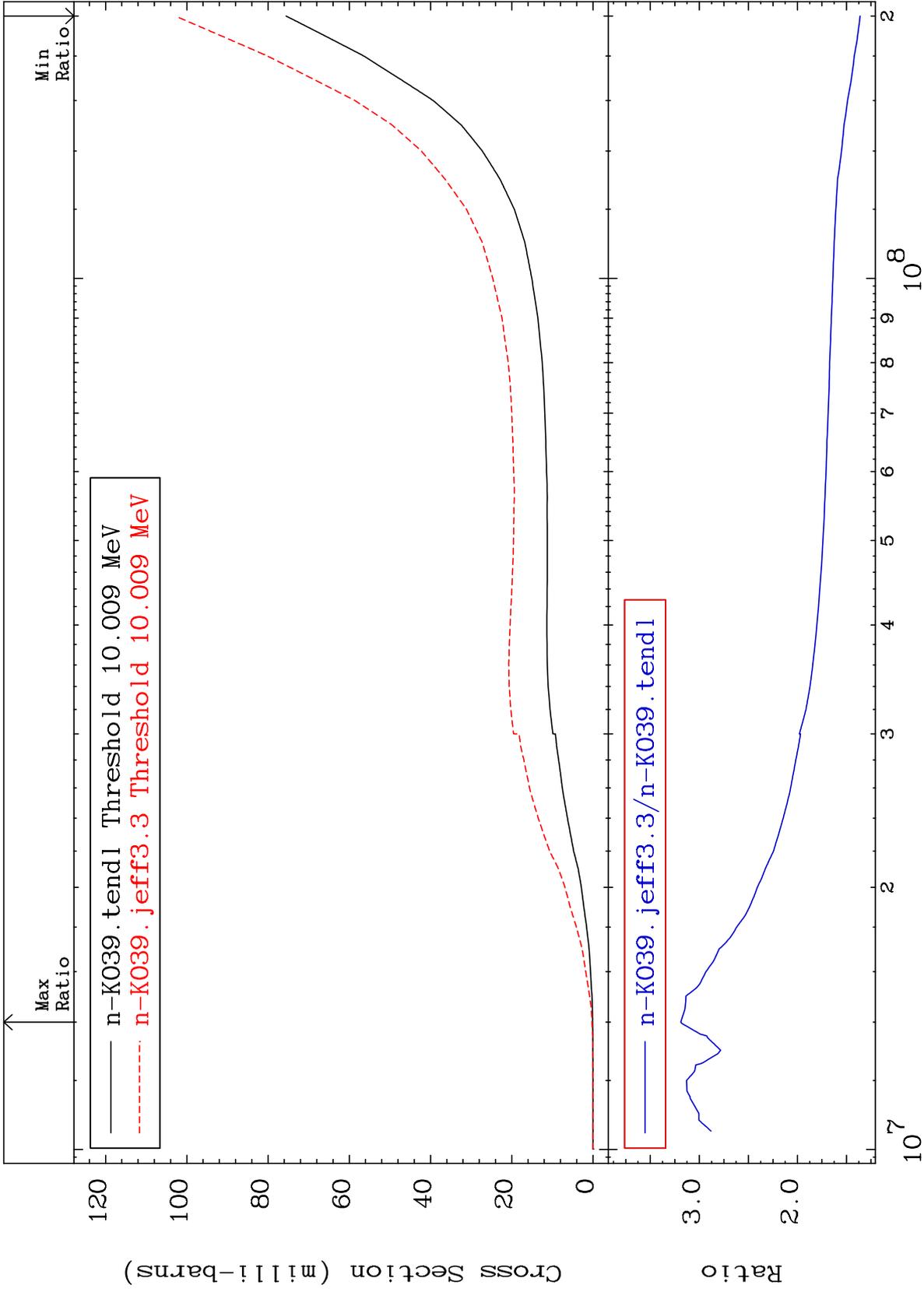
Incident Energy (eV)

19-K -39

MAT 1925

Tritium Production  
Cross Section

19-K -39  
36.15 To 218.9 %



61

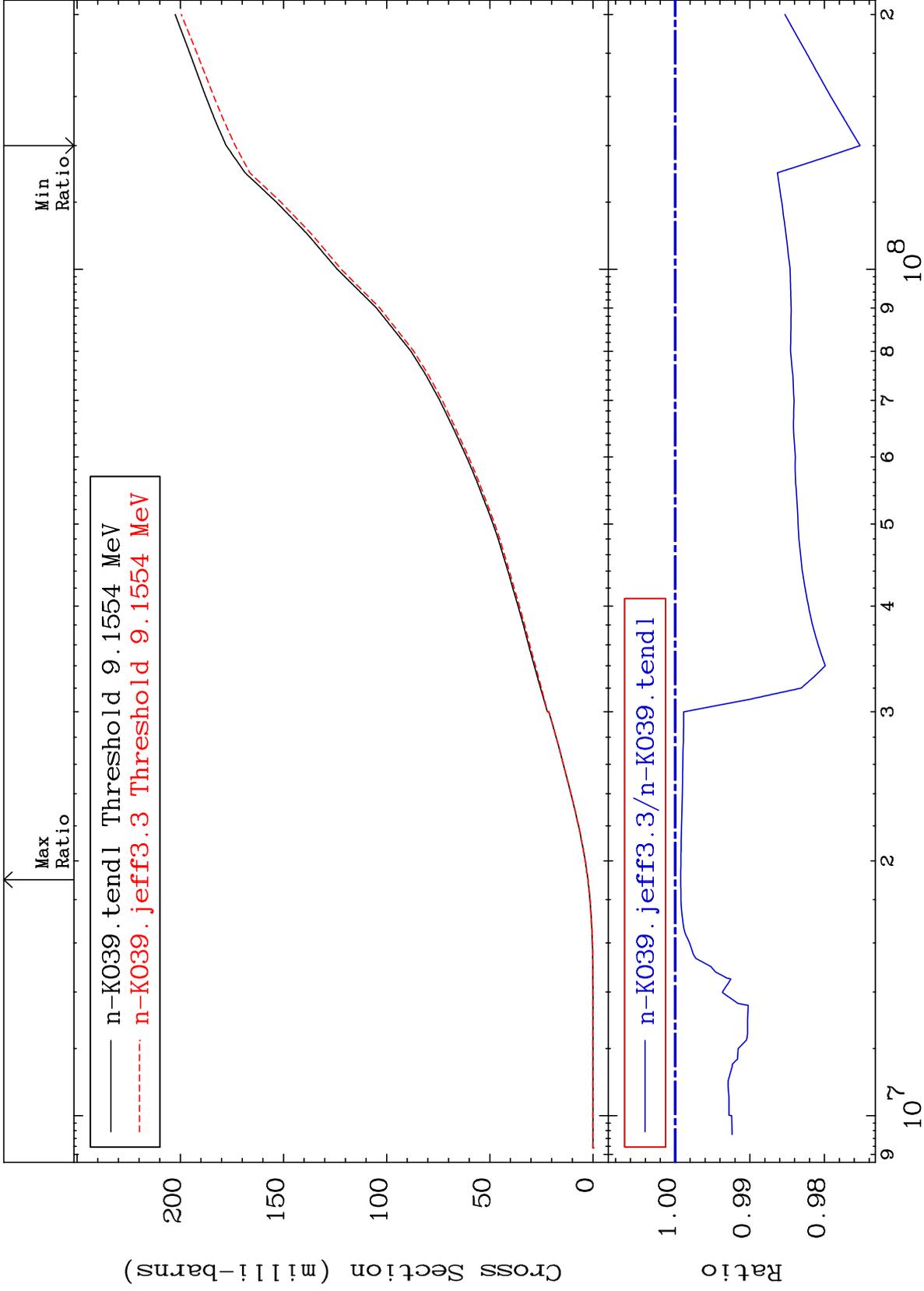
Incident Energy (eV)

19-K -39

MAT 1925

He-3 Production  
Cross Section

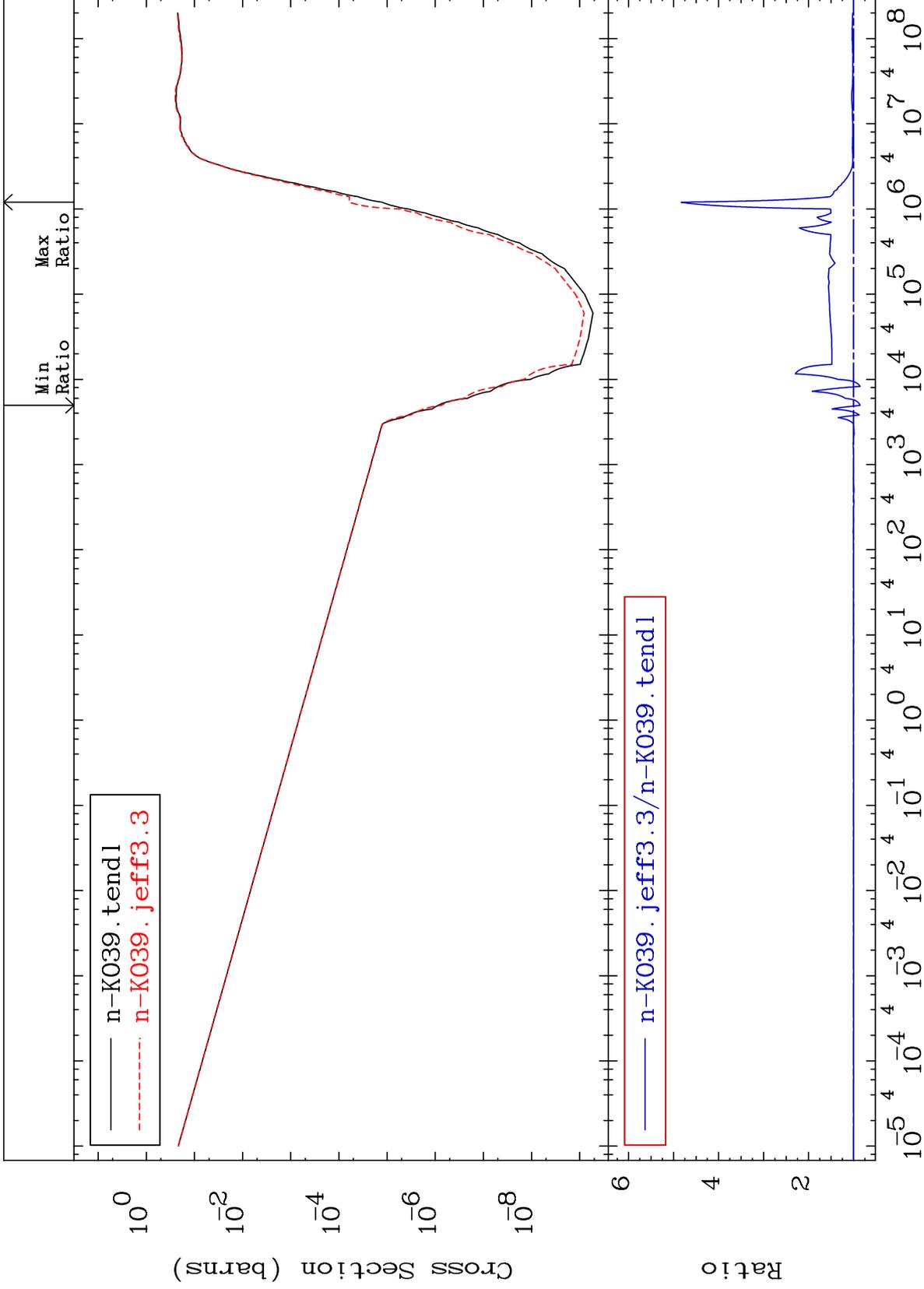
19-K -39  
-2.478 To -0.074%

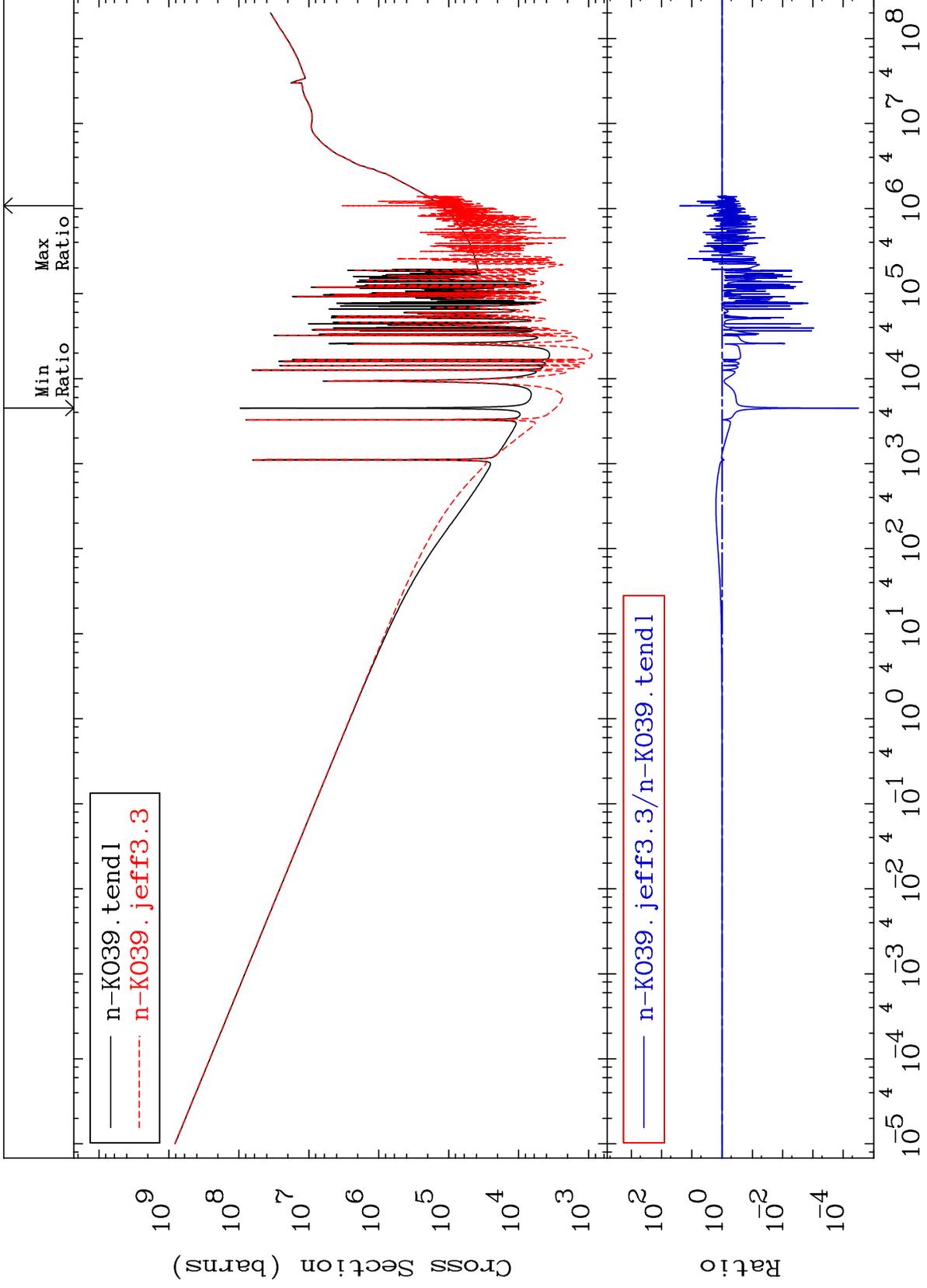


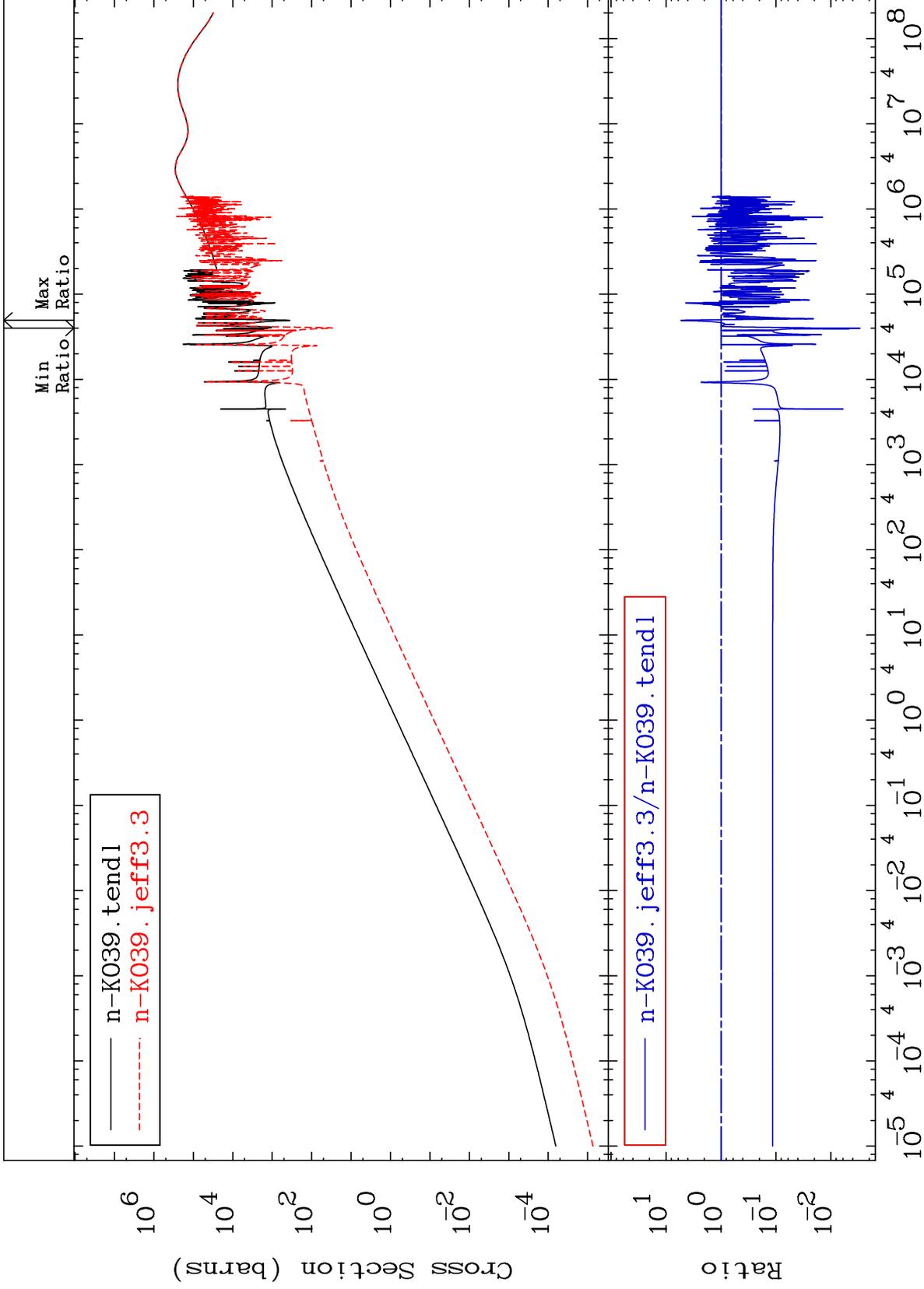
62

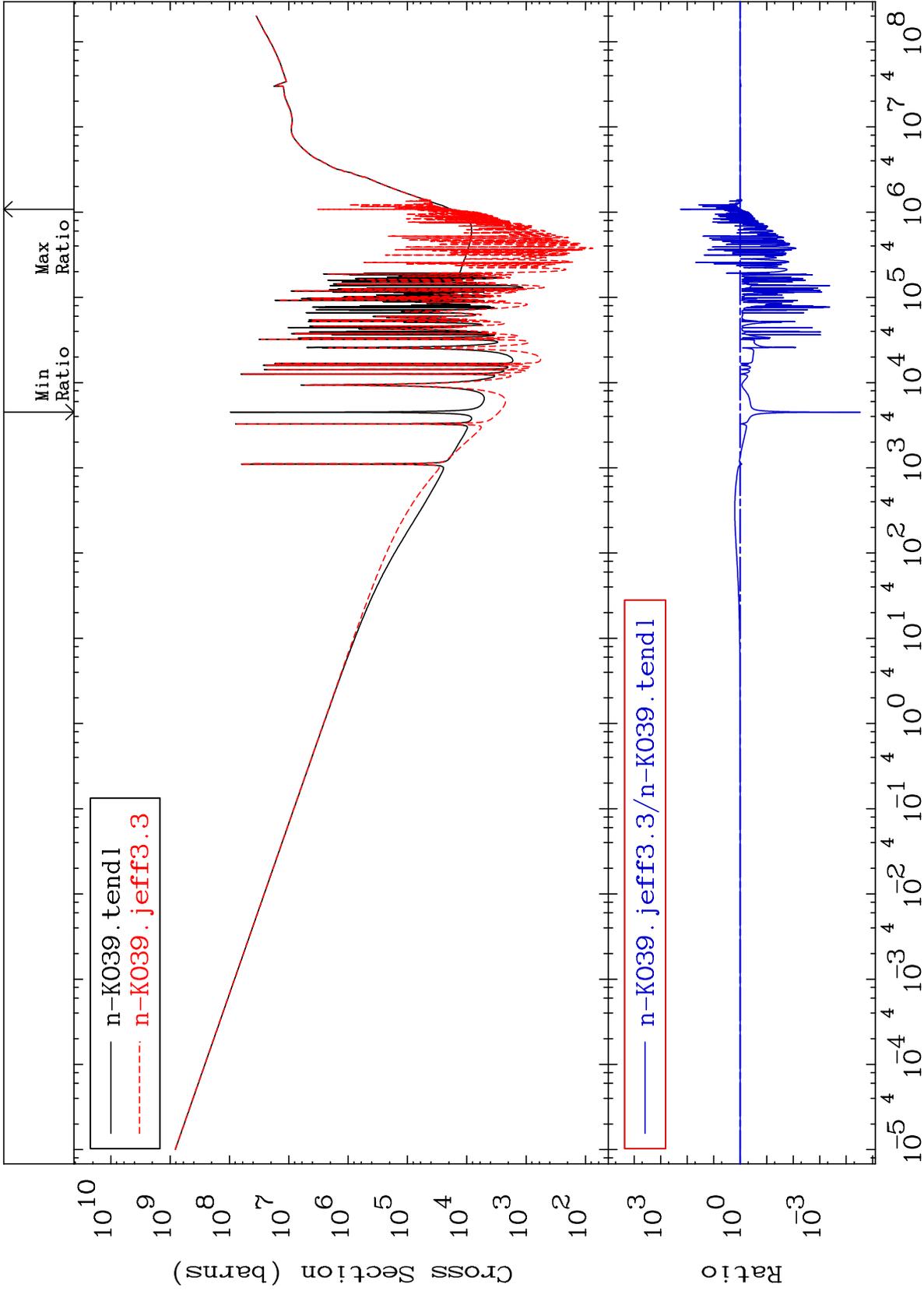
Incident Energy (eV)

19-K -39

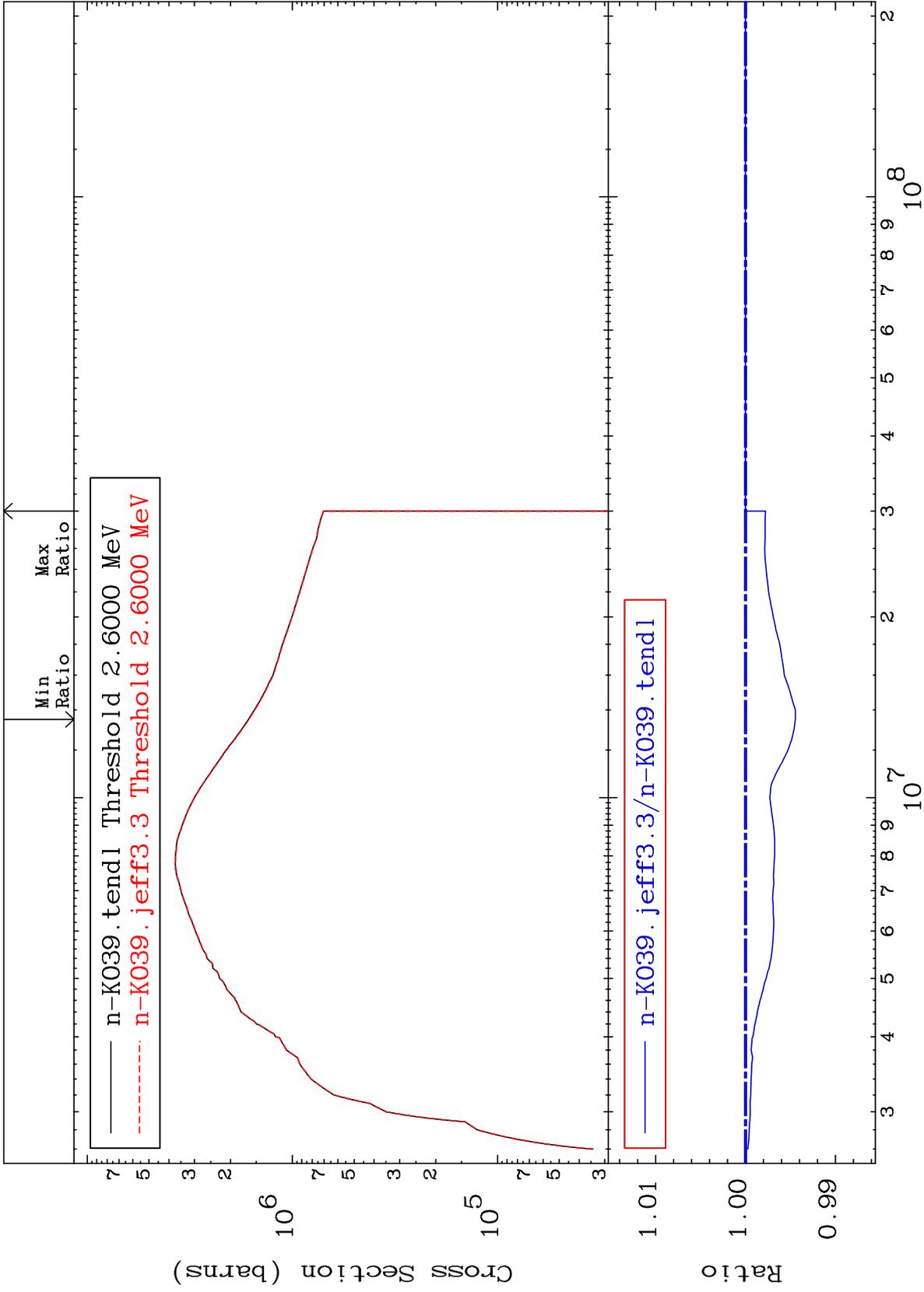


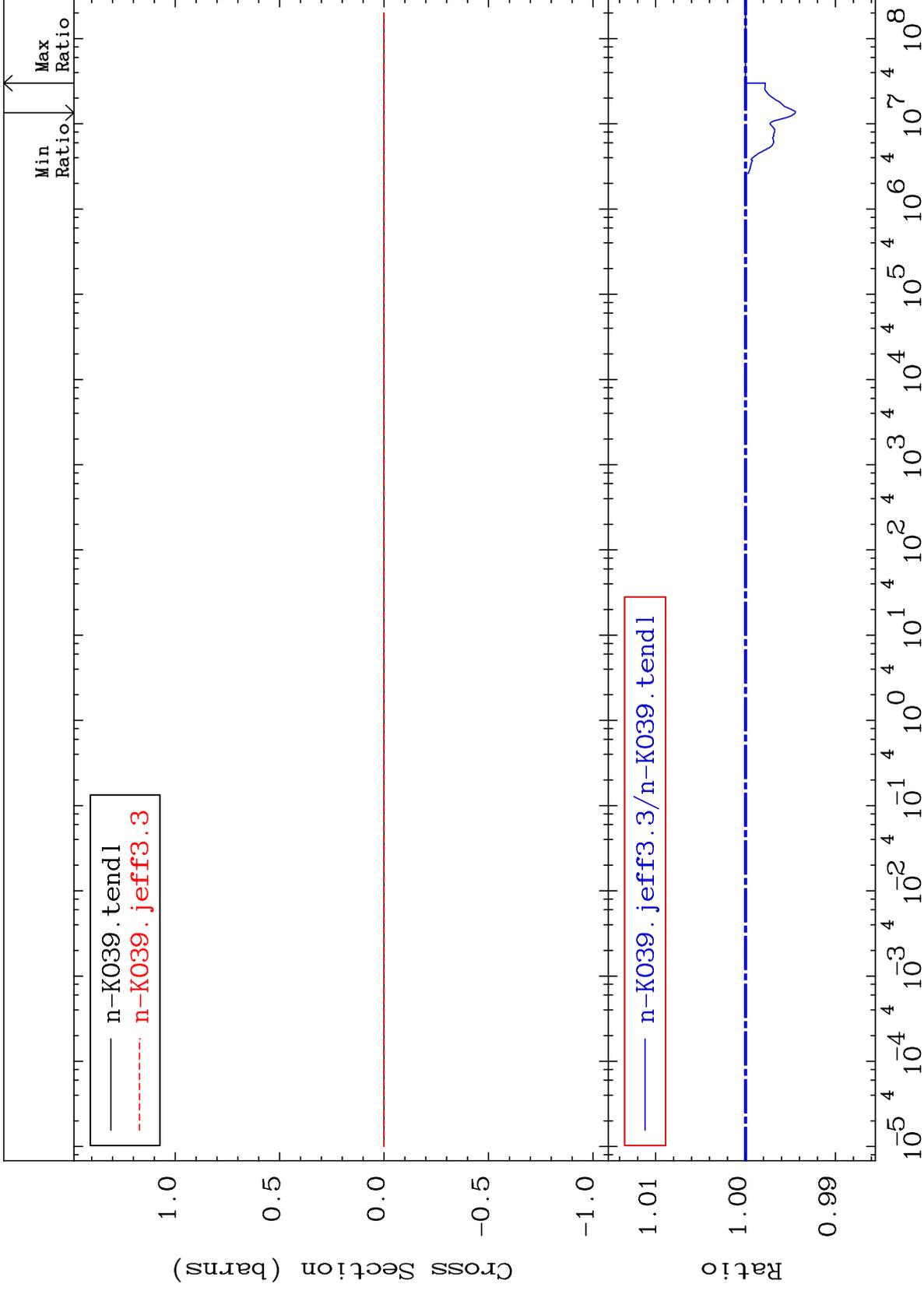


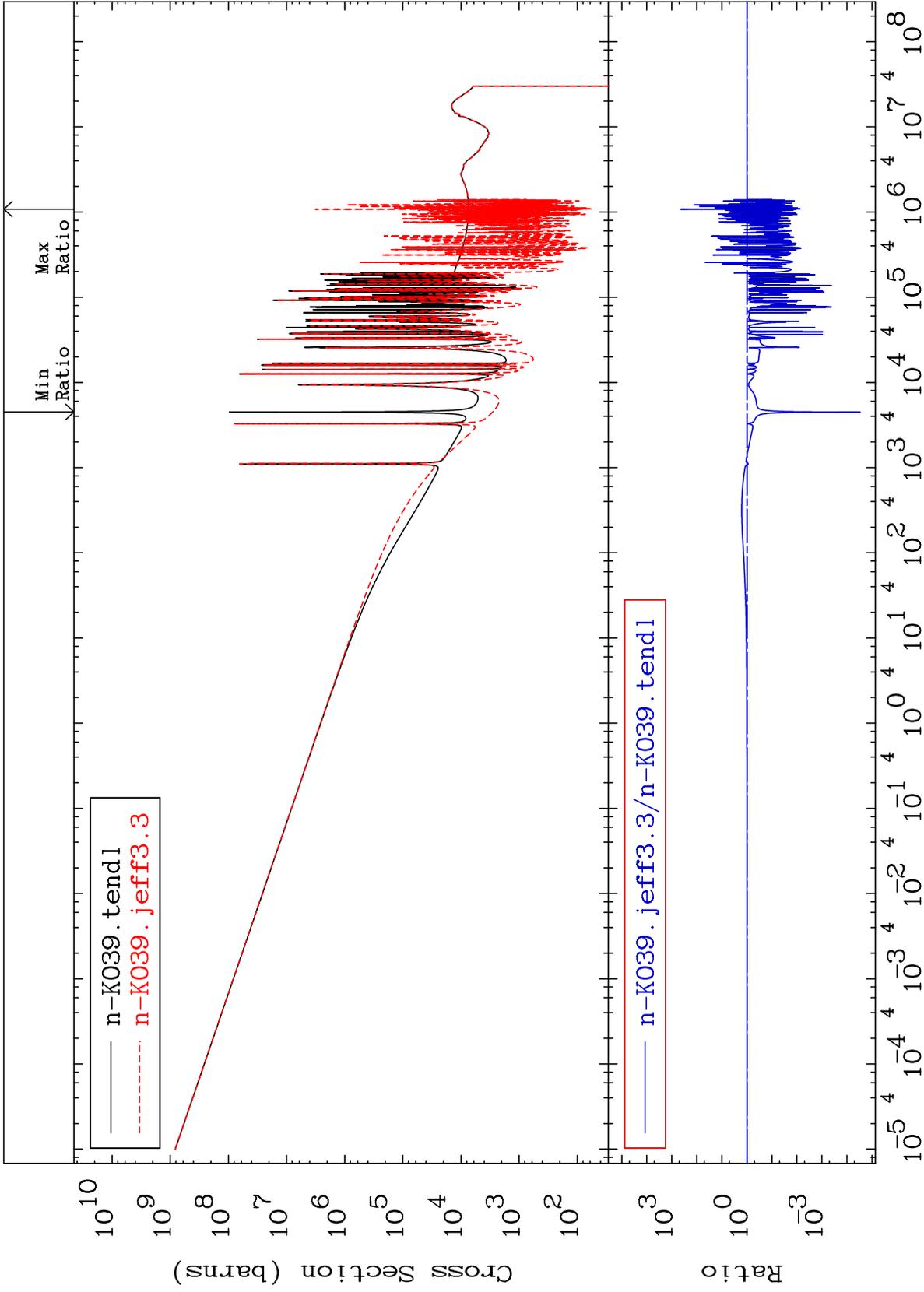


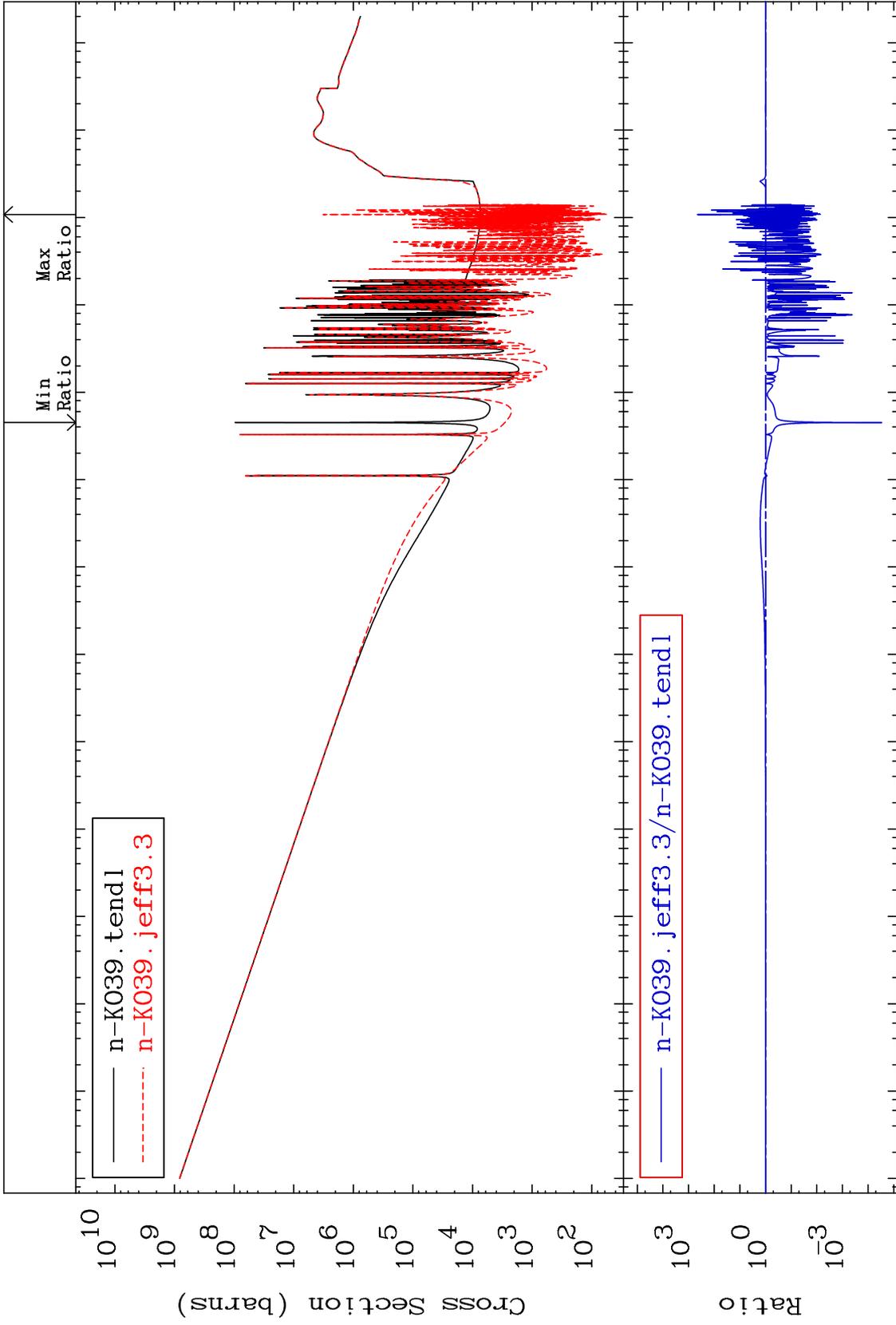


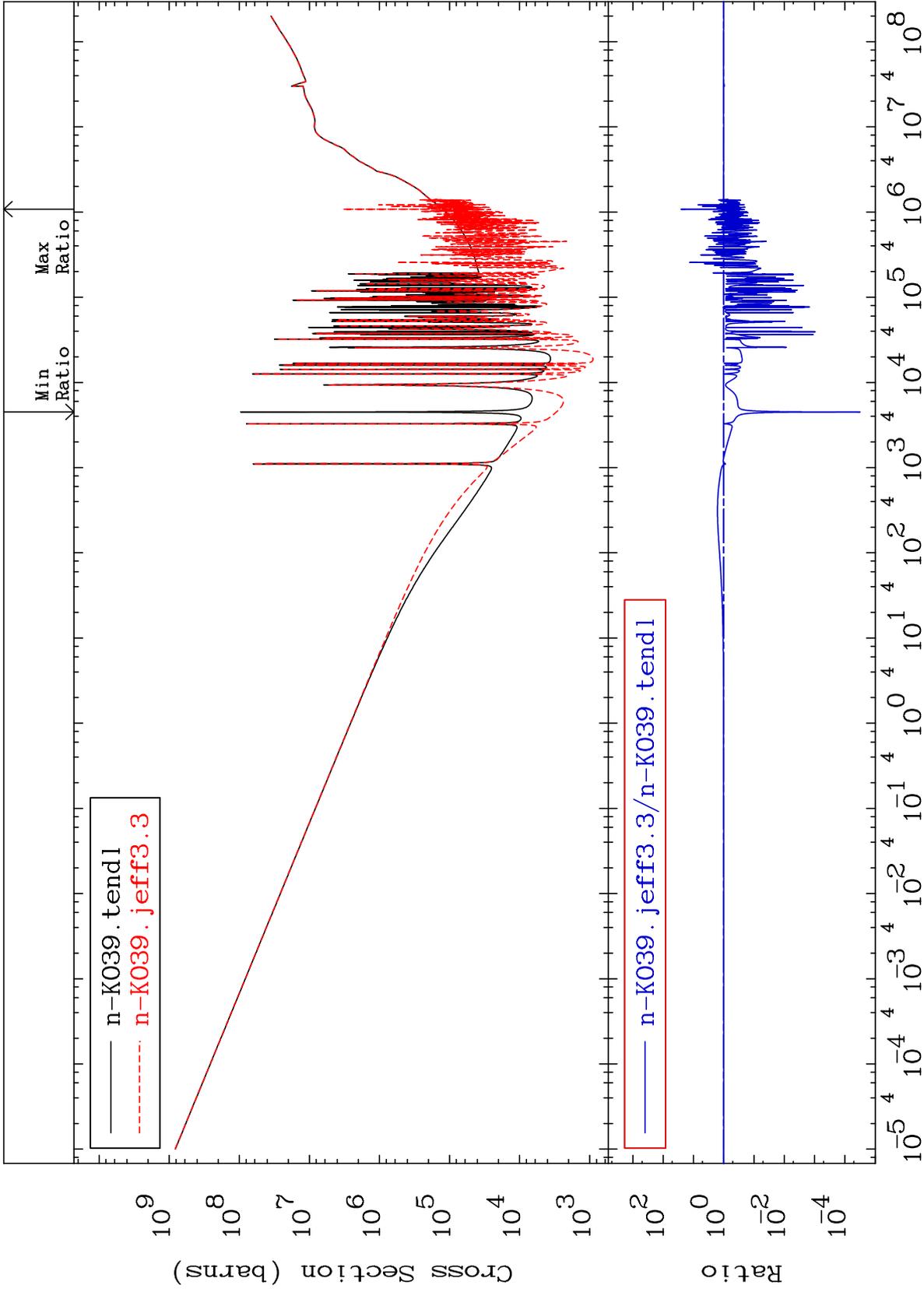
-0.554 To 0.000 %

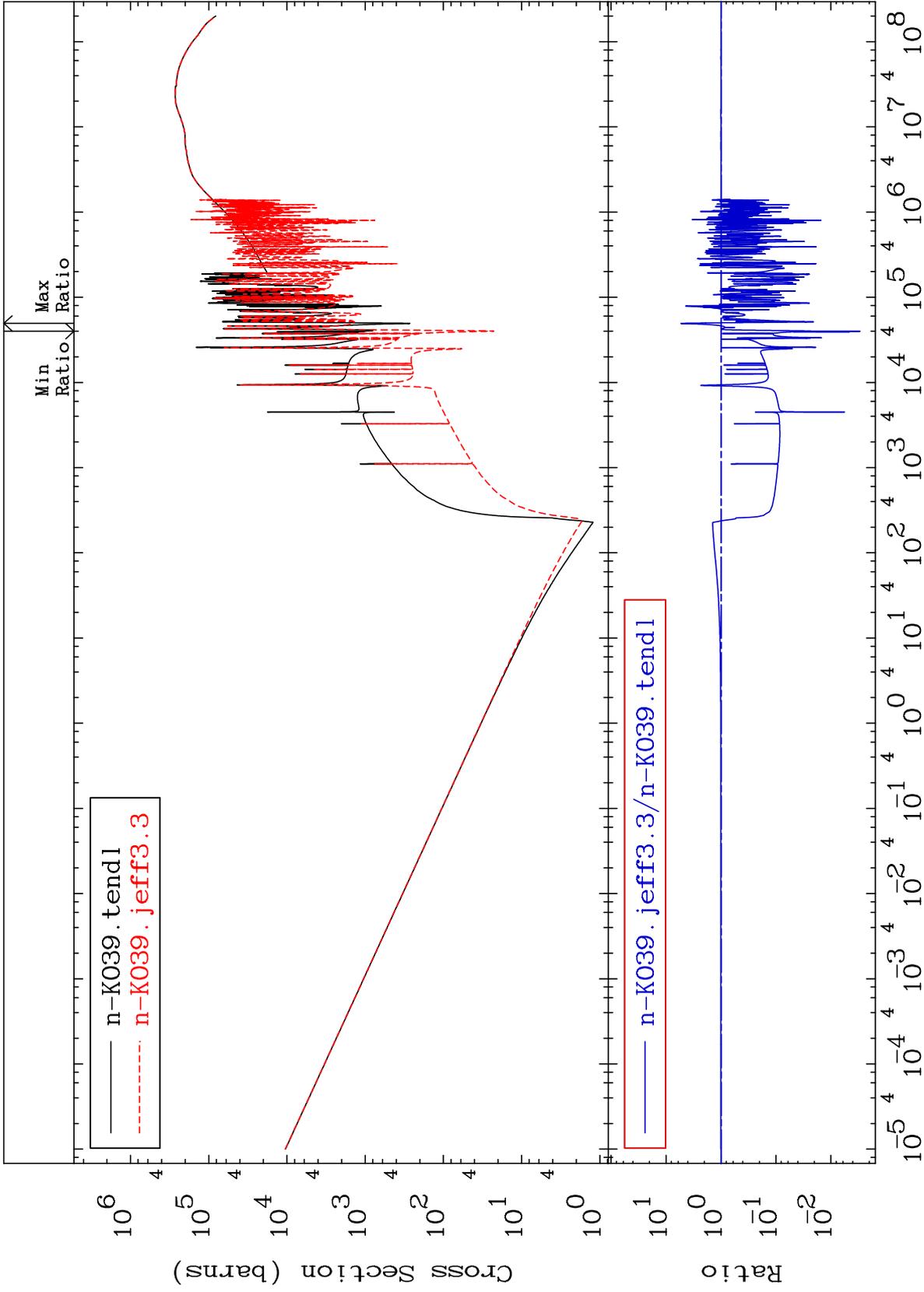


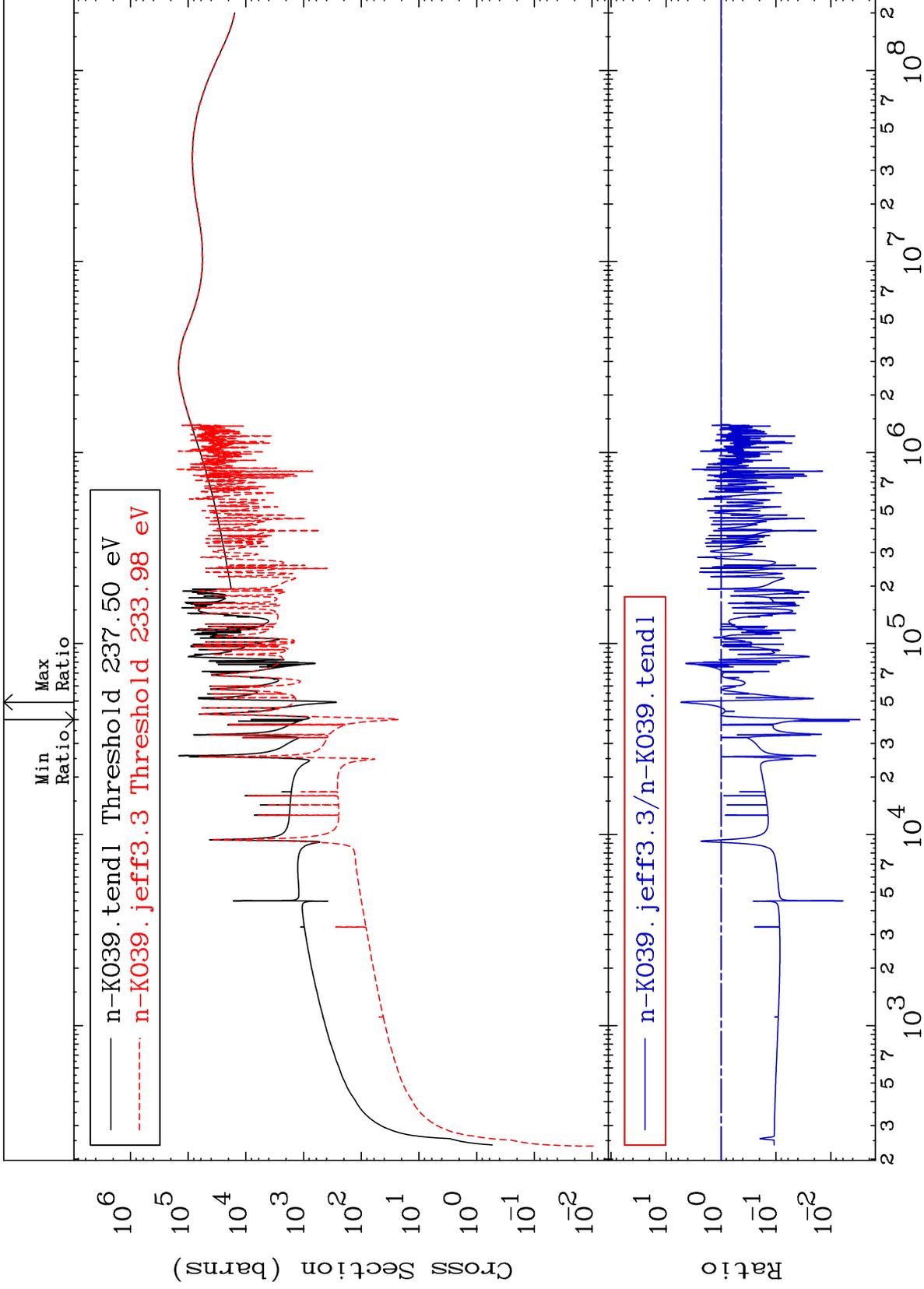




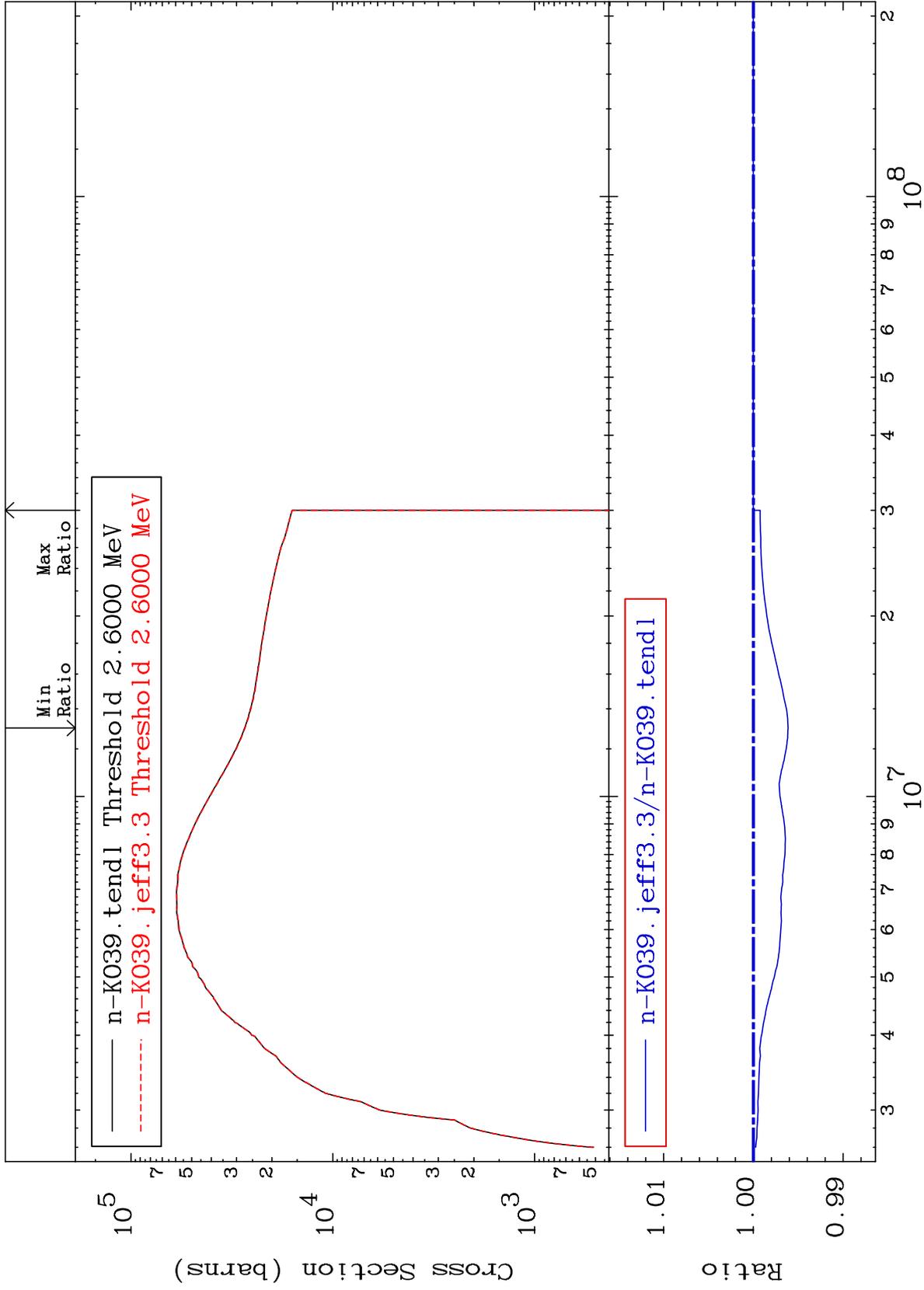


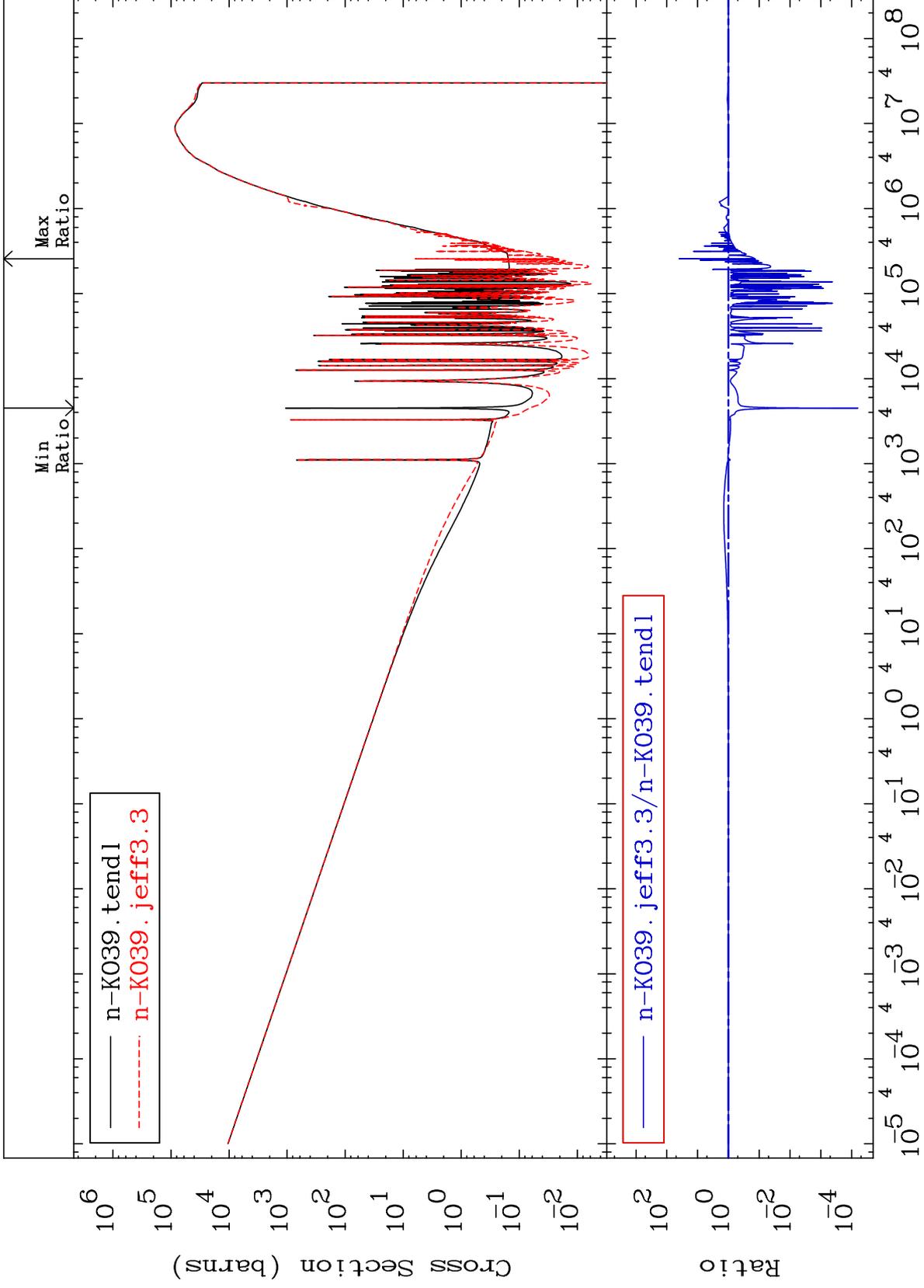




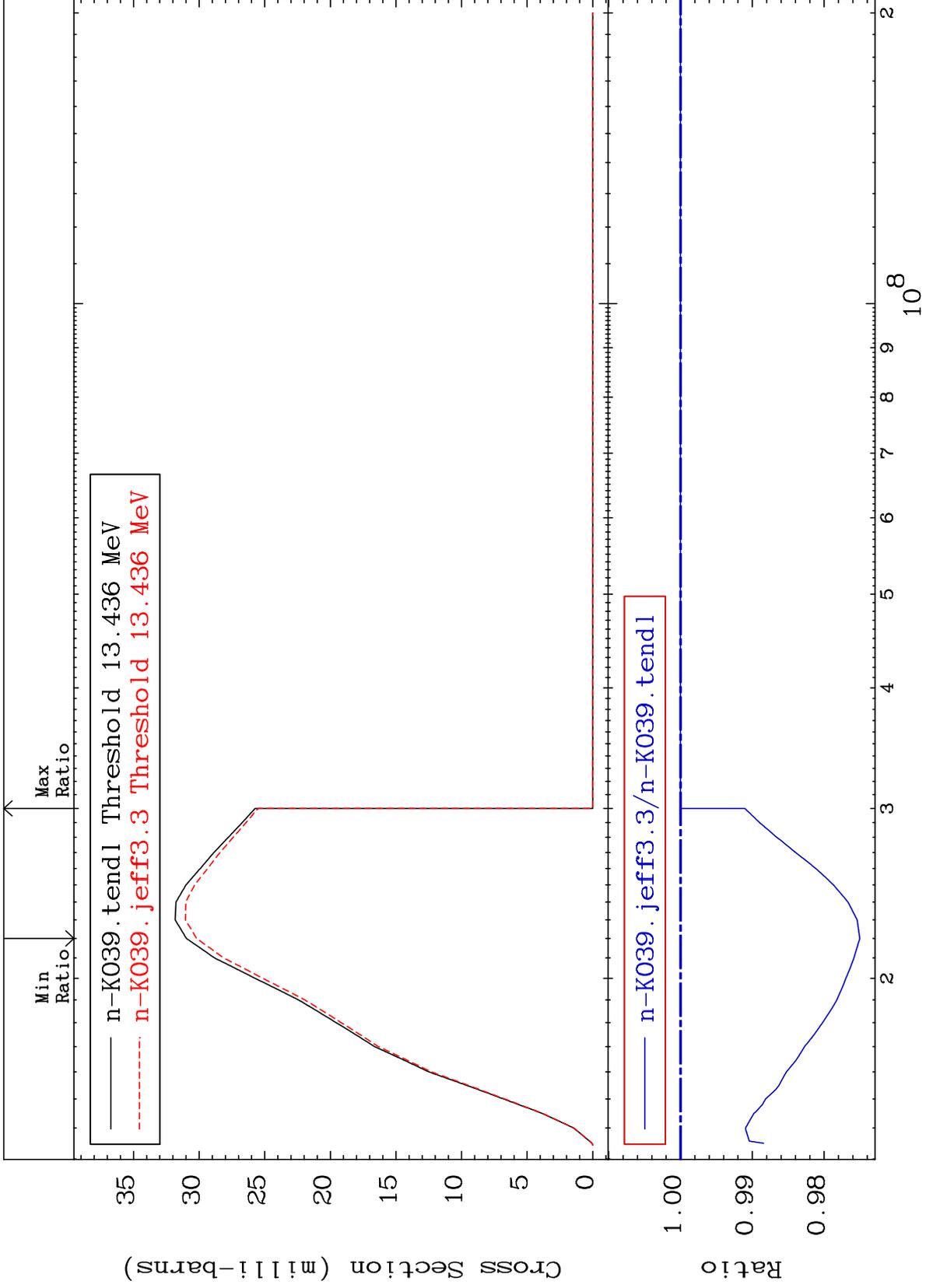


-0.387 To 0.000 %

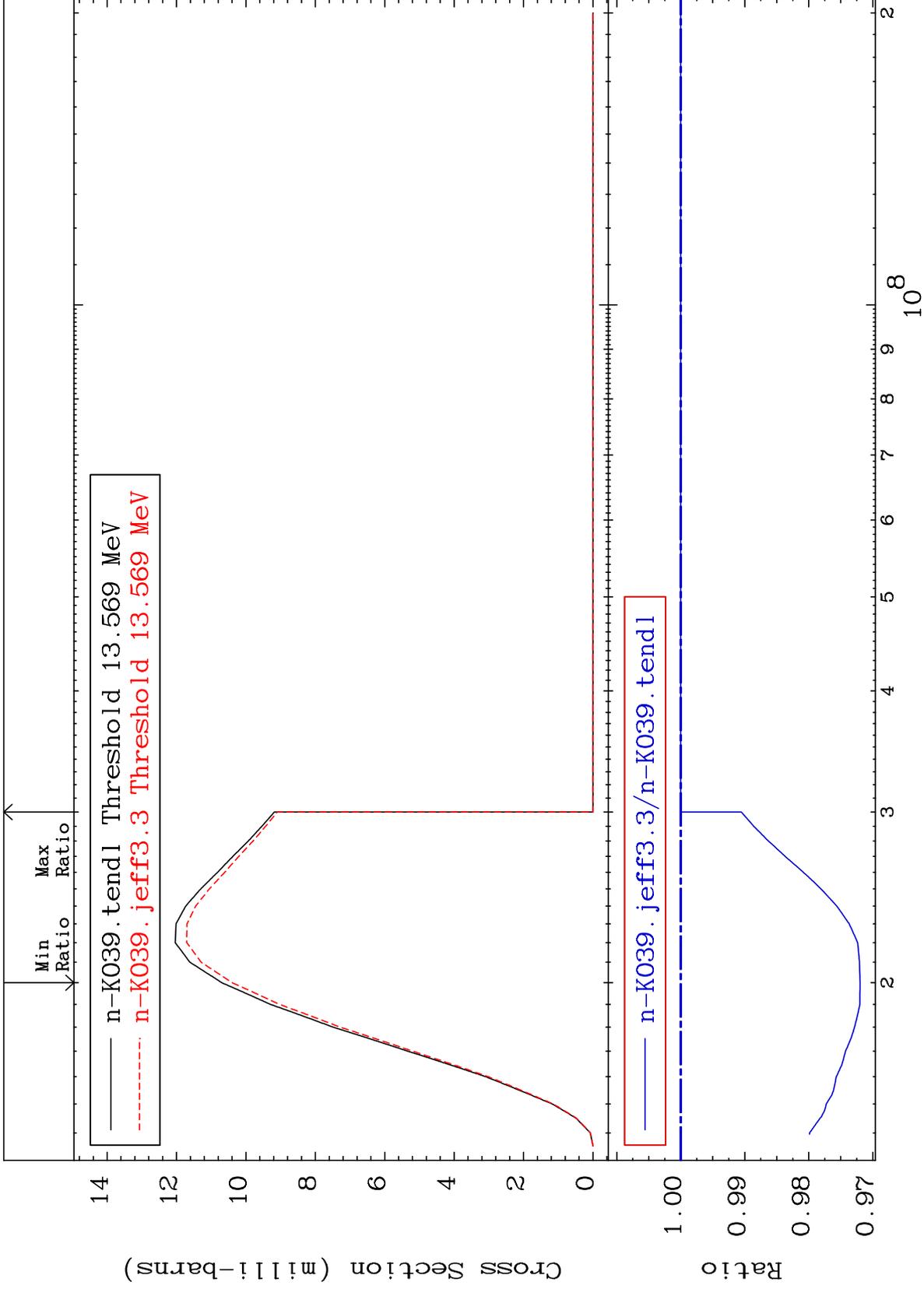




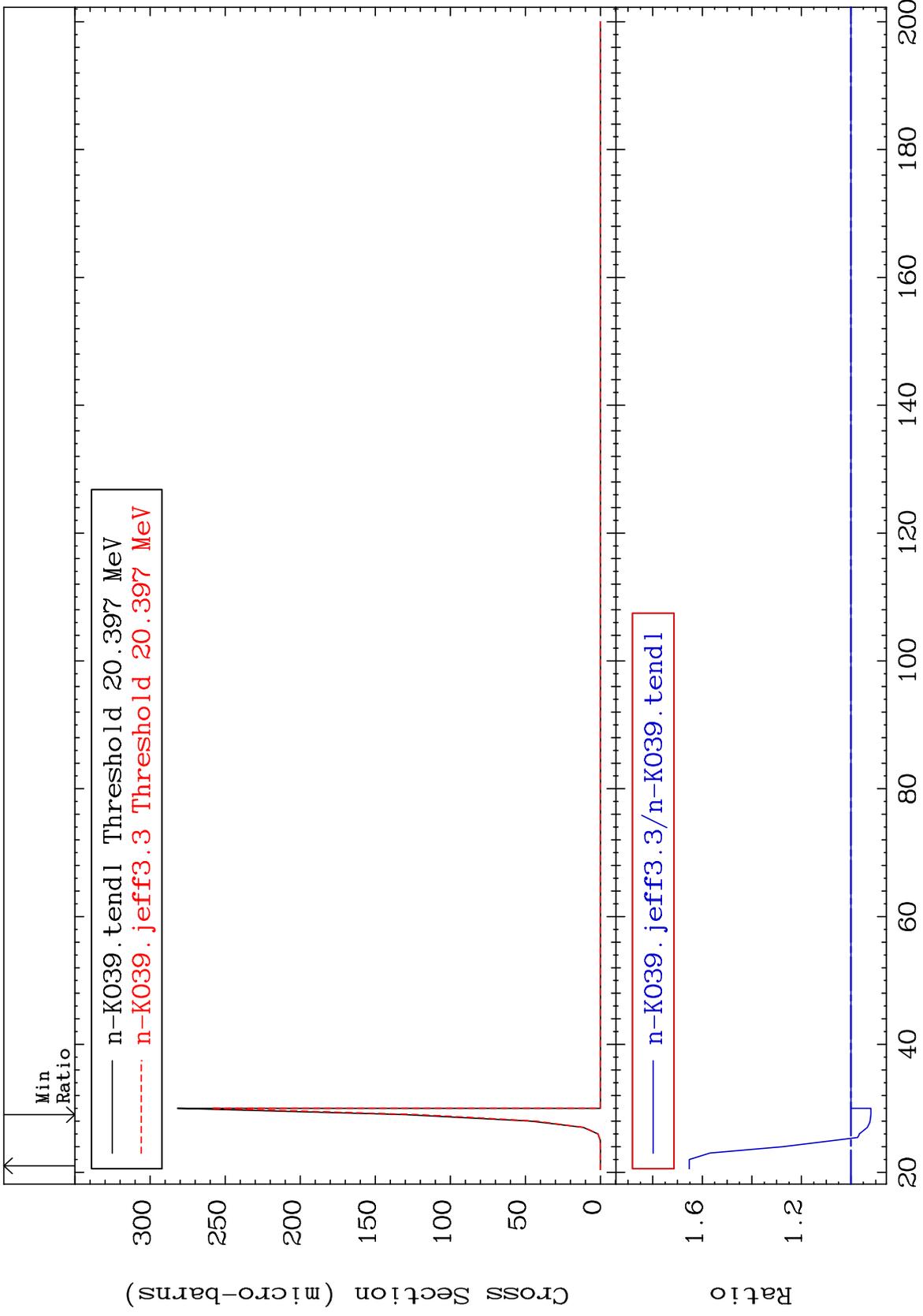
Radionuclide Production Cross Section -2.496 To 0.000 %



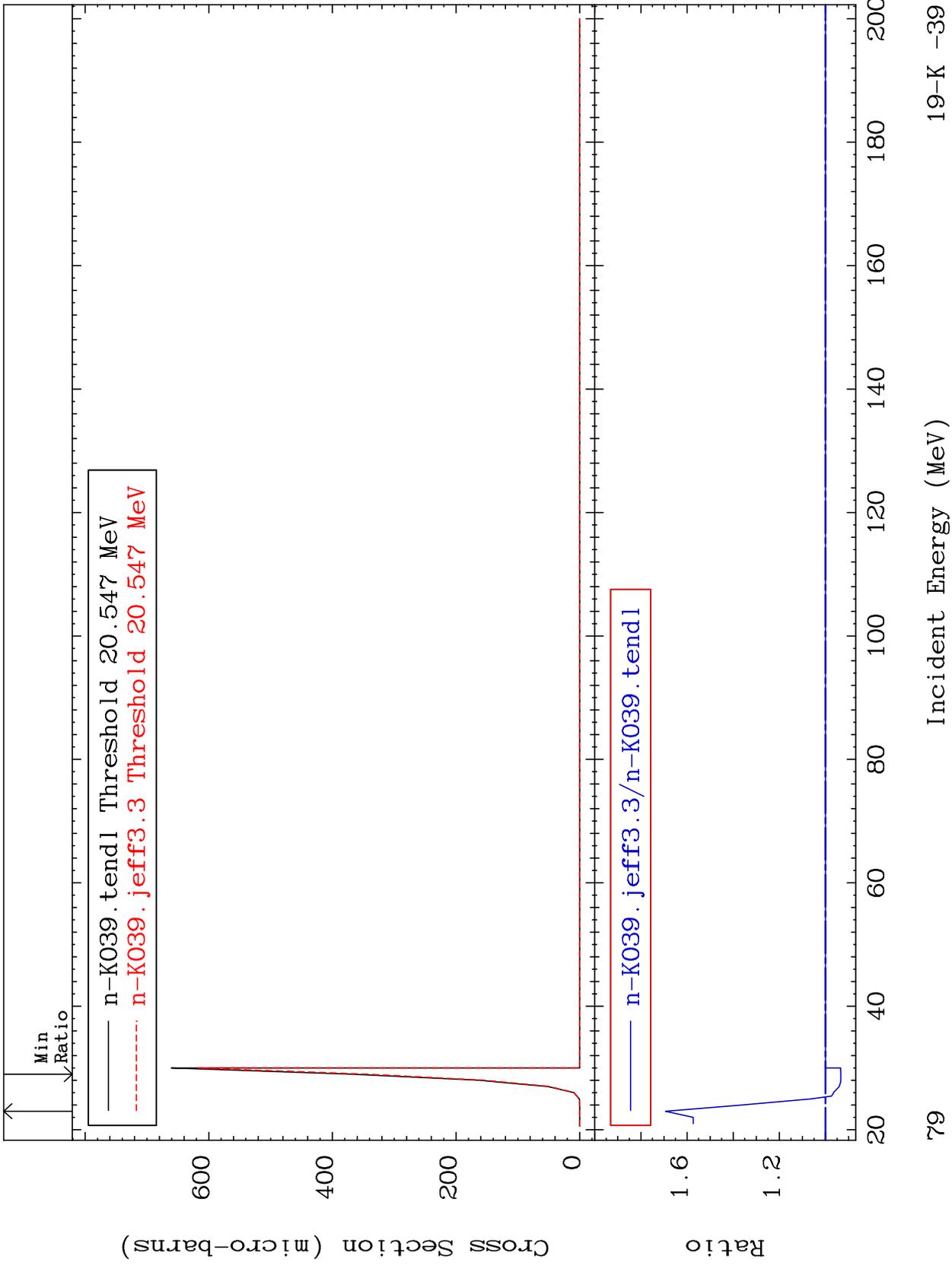
Radionuclide Production Cross Section -2.802 To 0.000 %



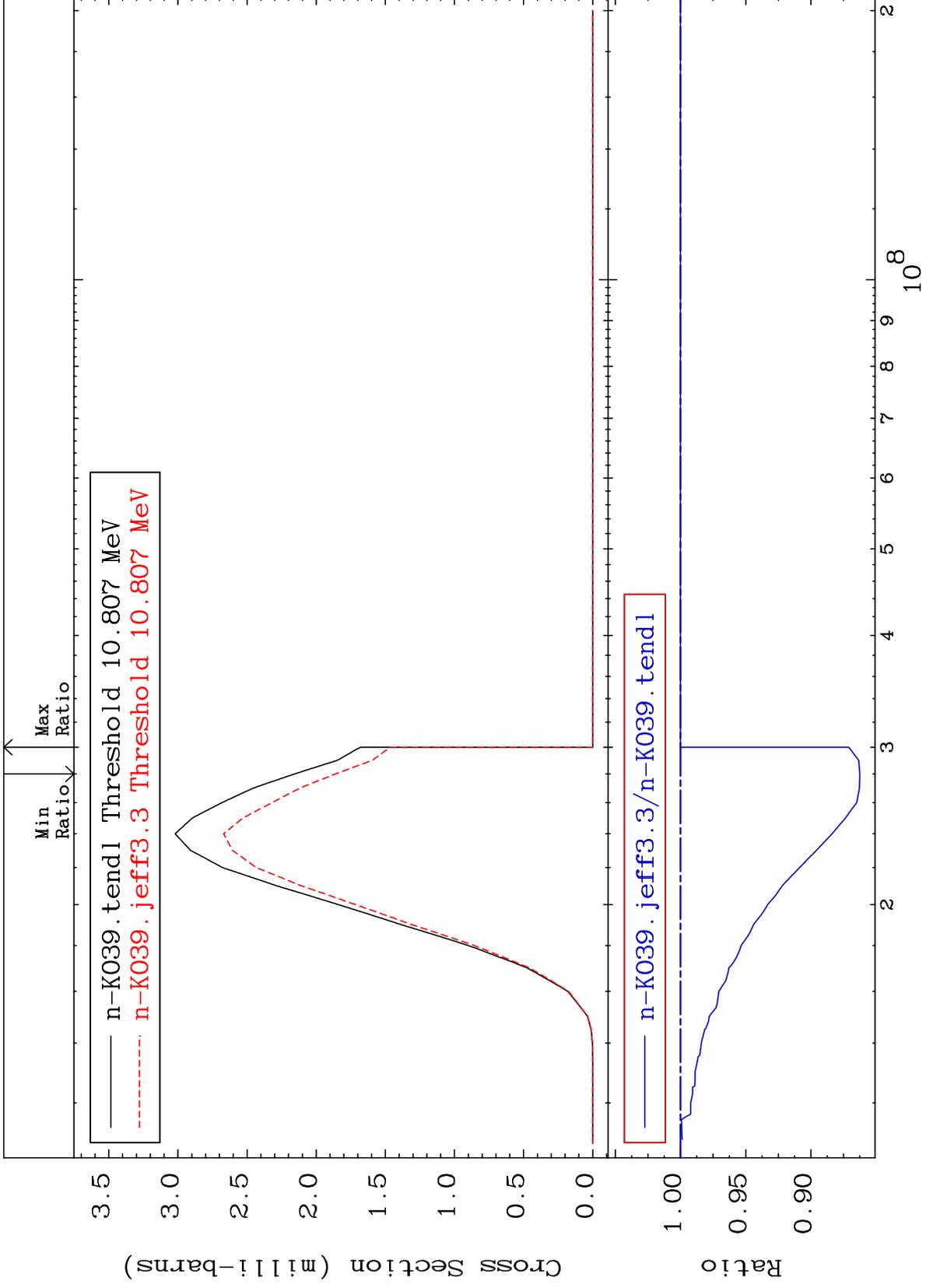
Radionuclide Production Cross Section -8.033 To 65.24 %



Radionuclide Production Cross Section -6.612 To 69.33 %



Radionuclide Production Cross Section -13.75 To 0.000 %



Radionuclide Production Cross Section -13.23 To 0.000 %

