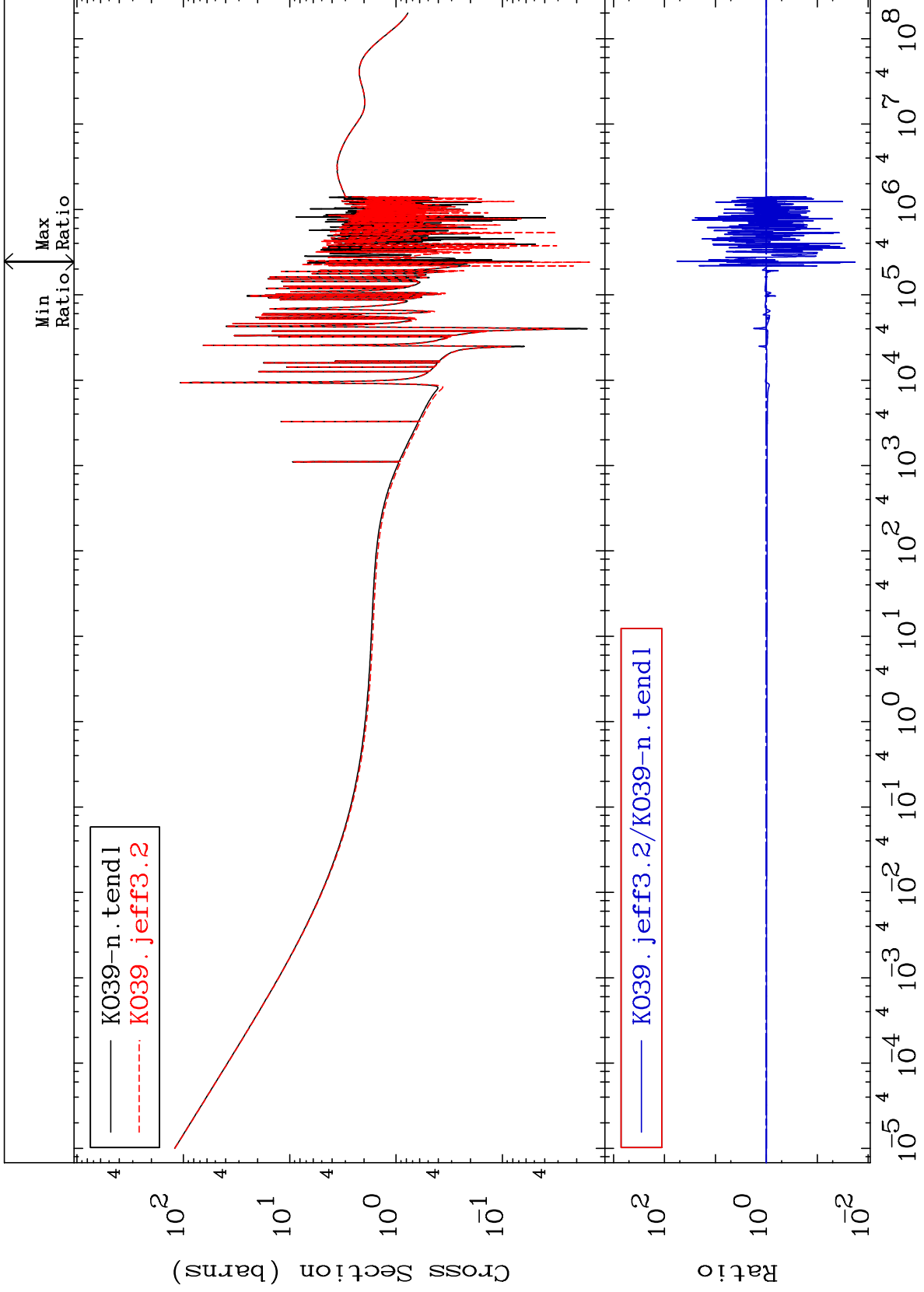


MAT 1925

Total
Cross Section

19-K -39
-98.19 To 5596. %



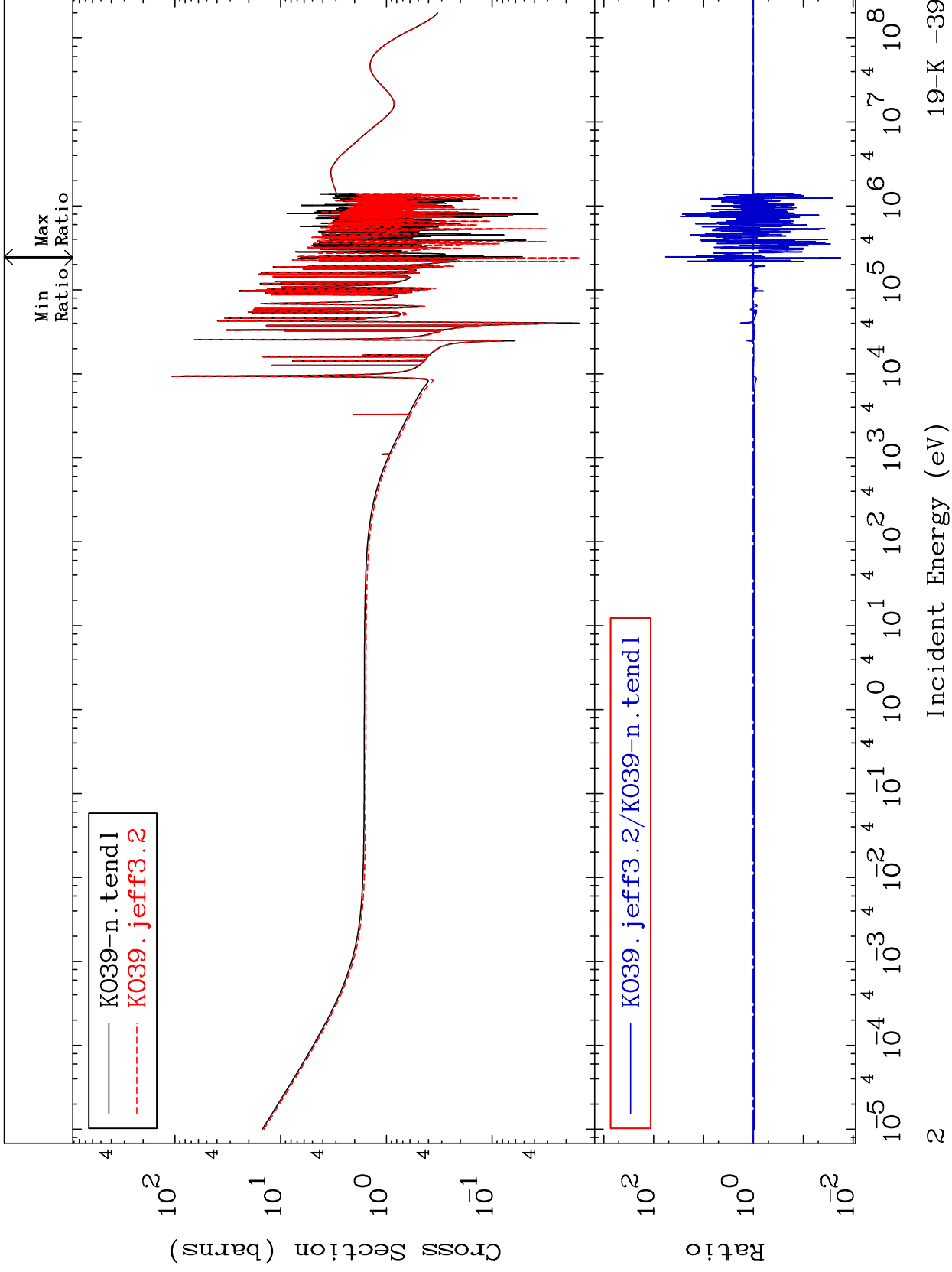
Incident Energy (eV)

19-K -39

MAT 1925

Elastic
Cross Section

19-K -39
-98.22 To 5697. %

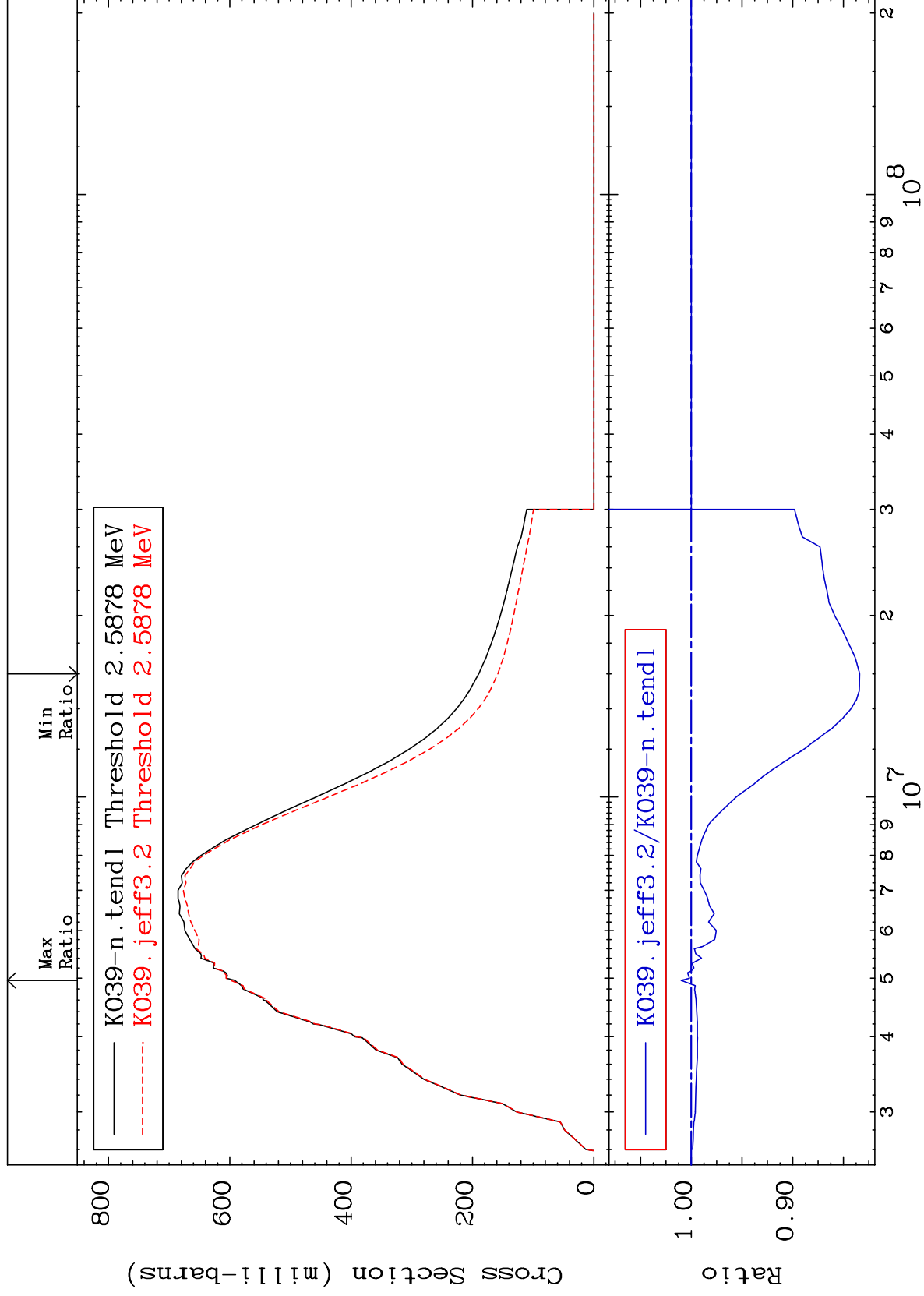


19-K -39

MAT 1925

Inelastic
Cross Section

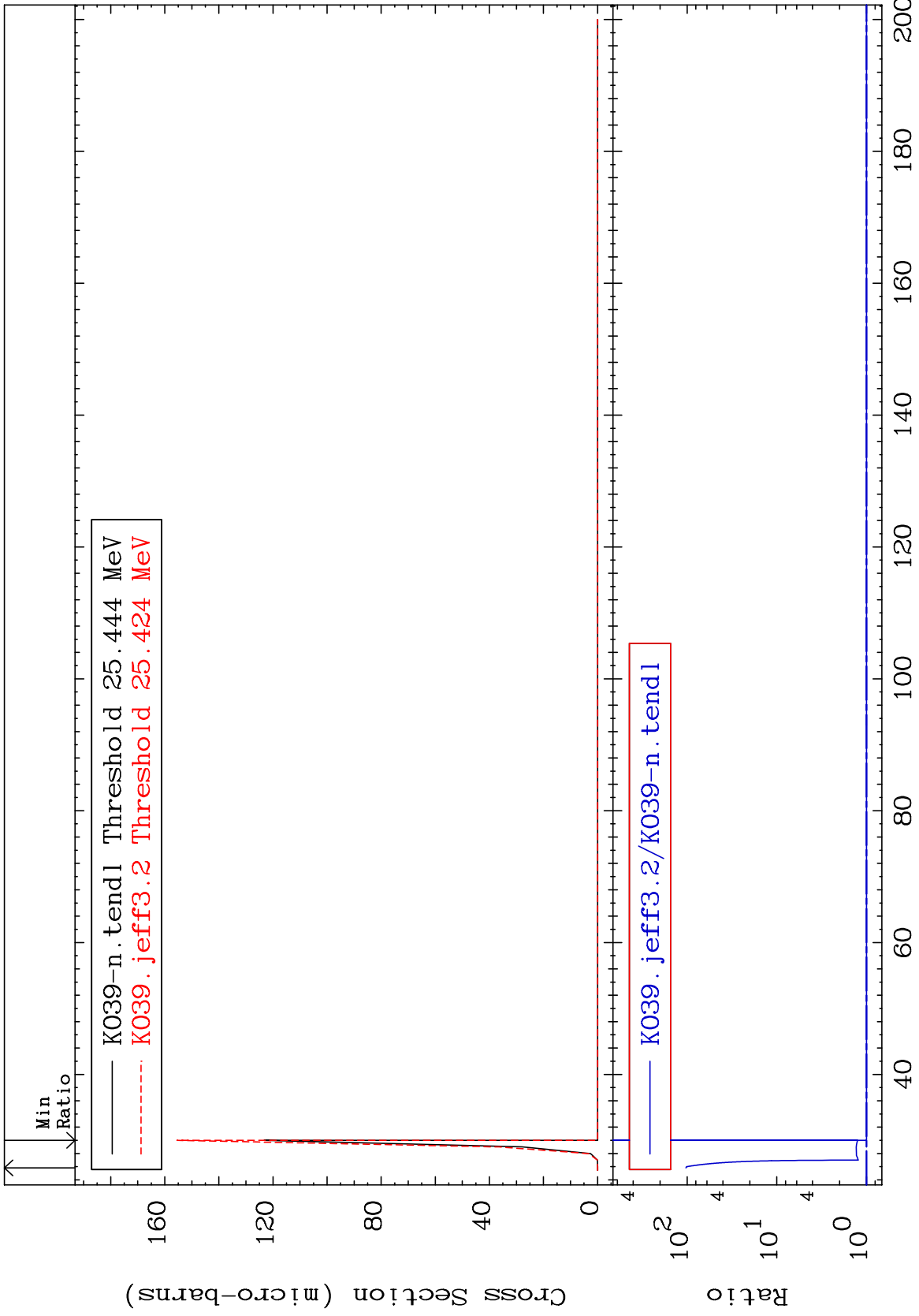
19-K -39
-16.59 To 0.992 %



3

Incident Energy (eV)

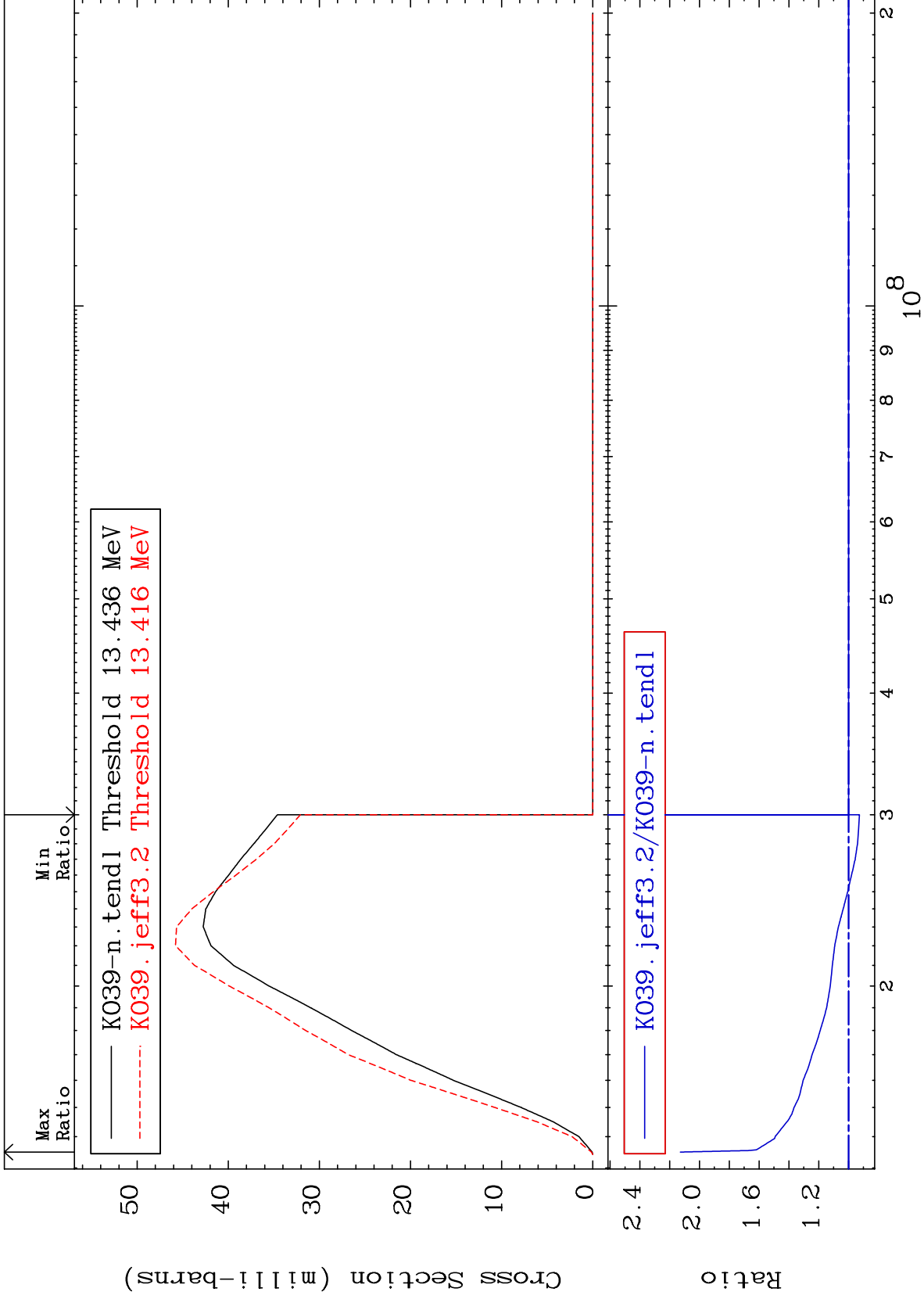
19-K -39



MAT 1925

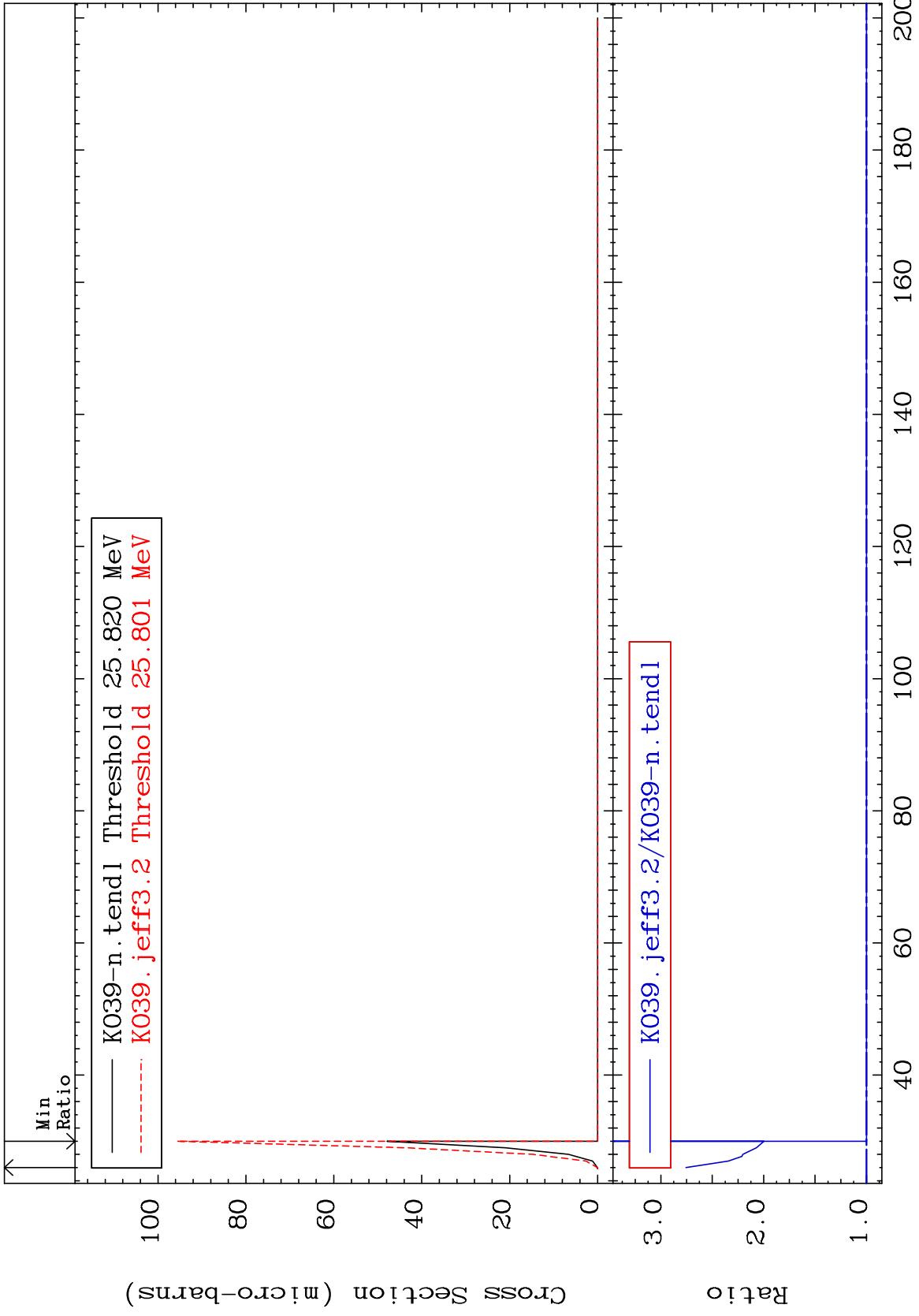
(n,2n)
Cross Section

19-K -39
-7.297 To 112.8 %



5

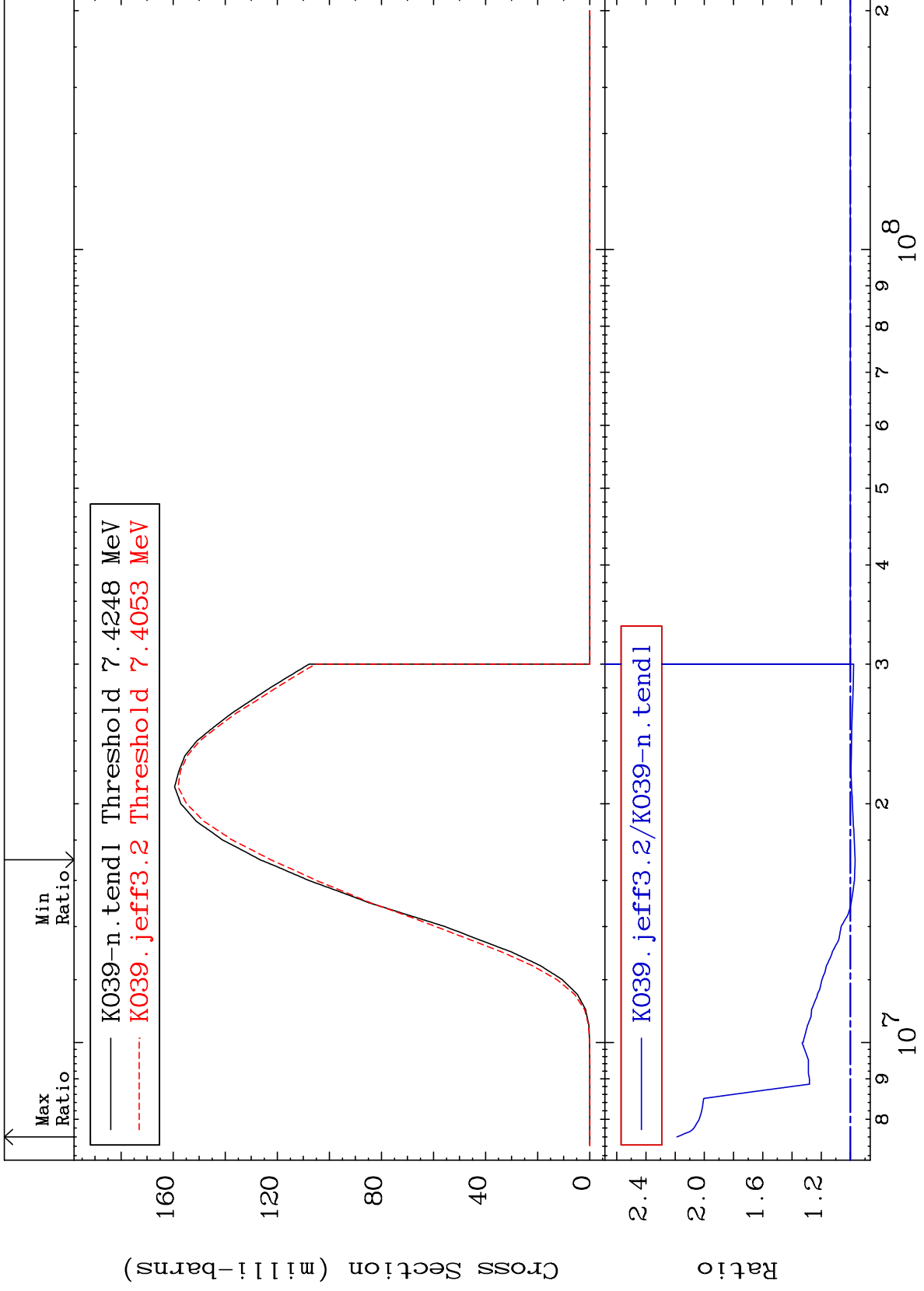
19-K -39



MAT 1925

(n,n') α
Cross Section

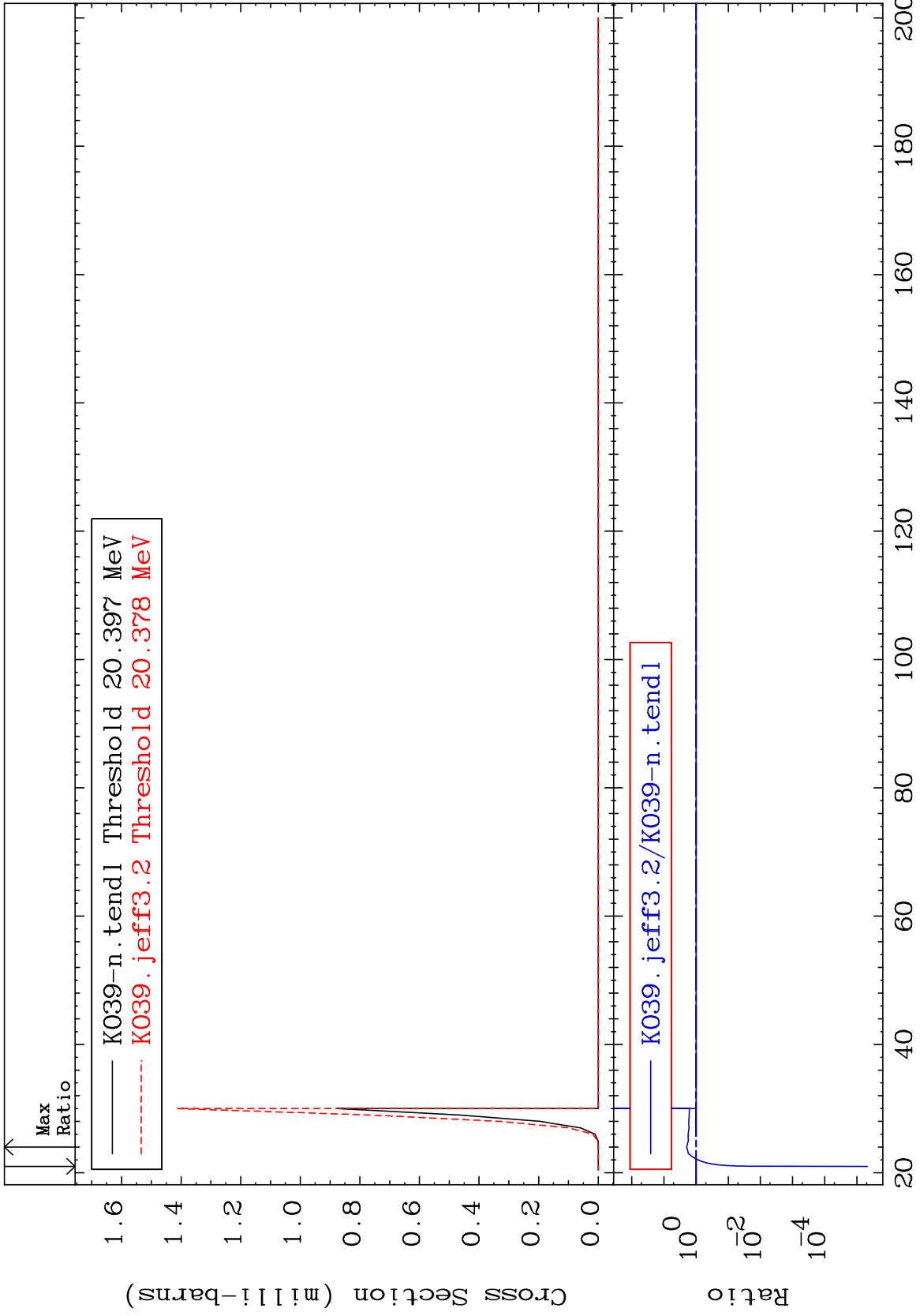
19-K -39
-3.200 To 118.8 %

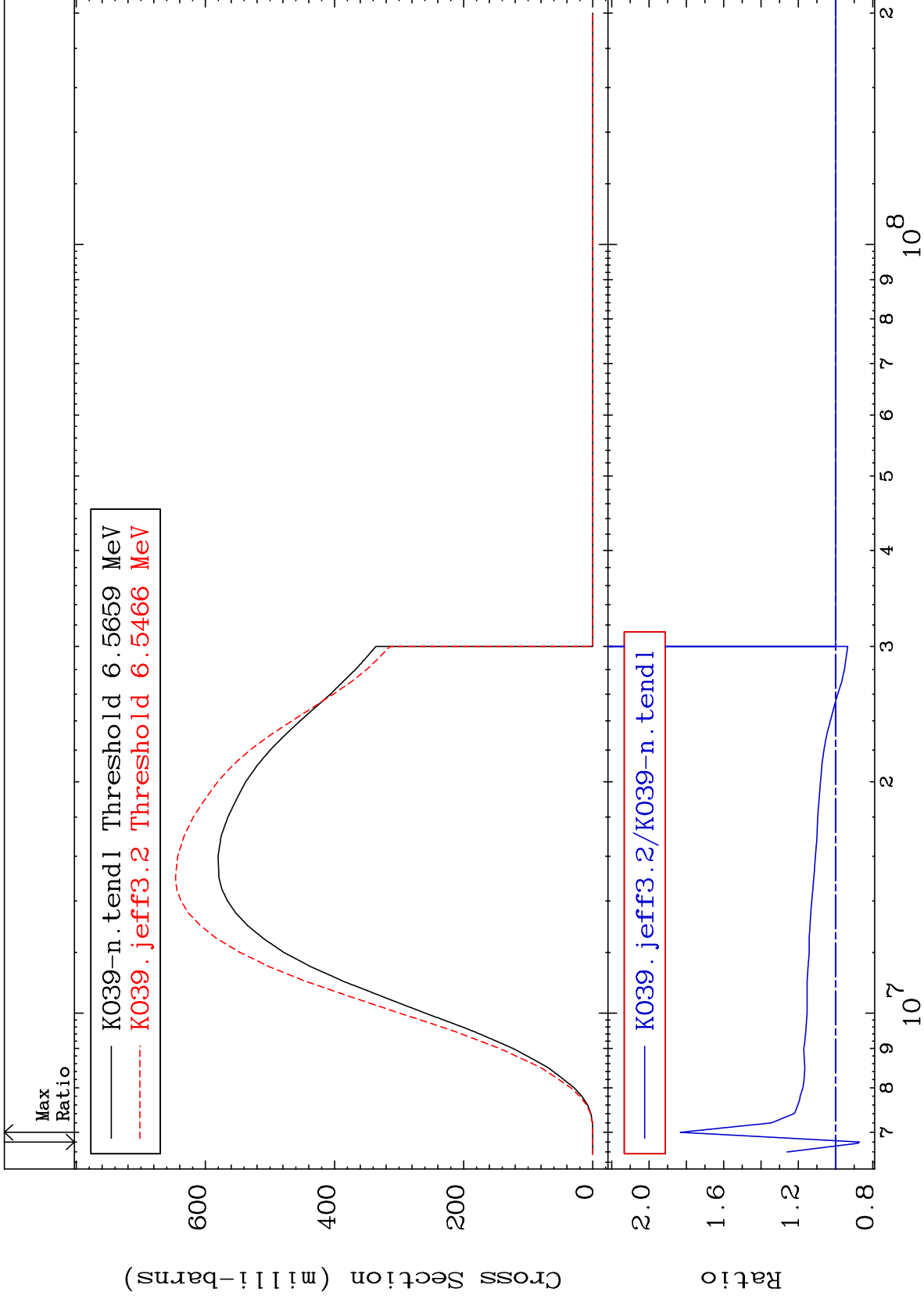


7

Incident Energy (eV)

19-K -39

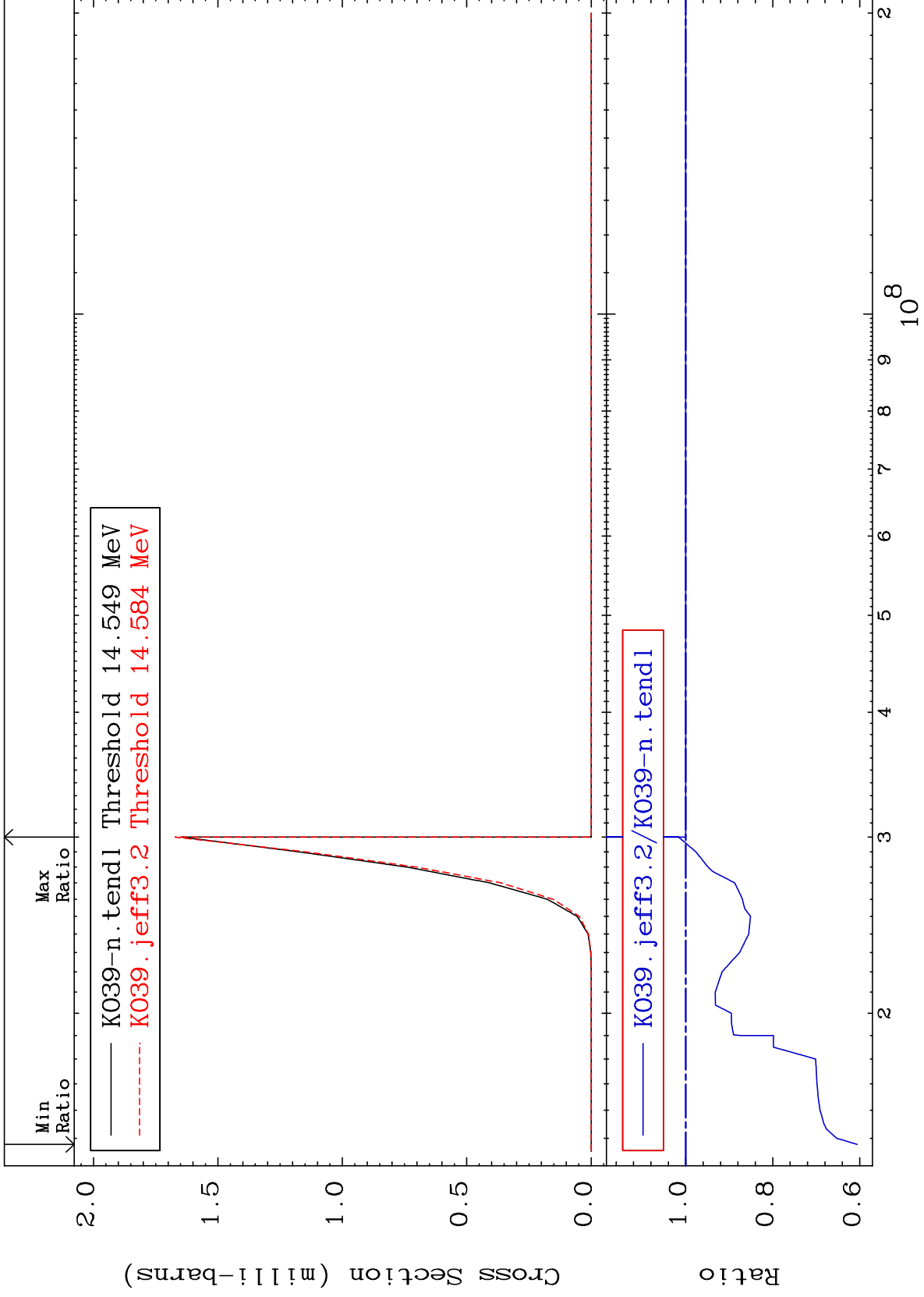




MAT 1925

(n, n') 2α
Cross Section

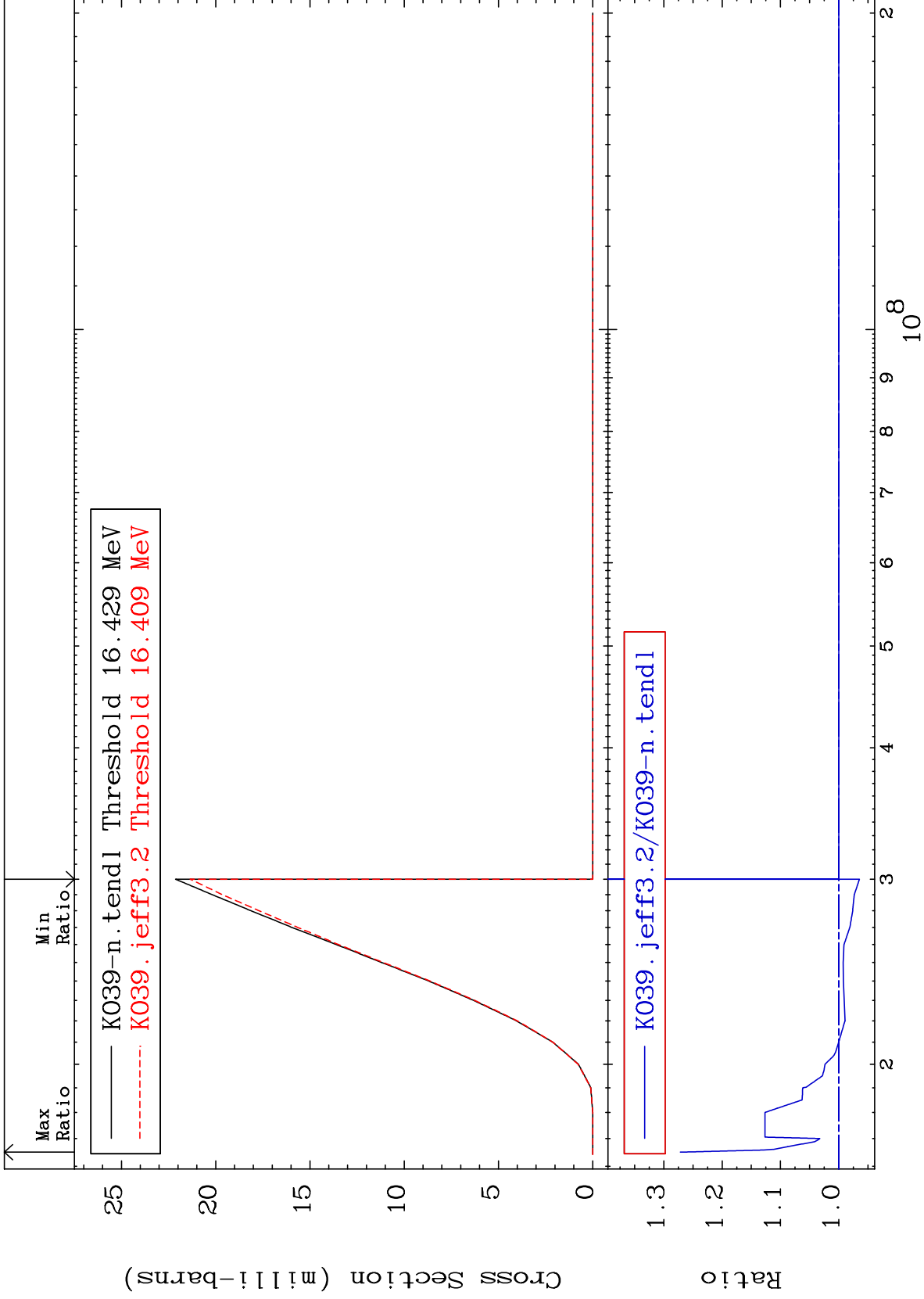
19-K -39
-39.42 To 1.631 %



10

Incident Energy (eV)

19-K -39



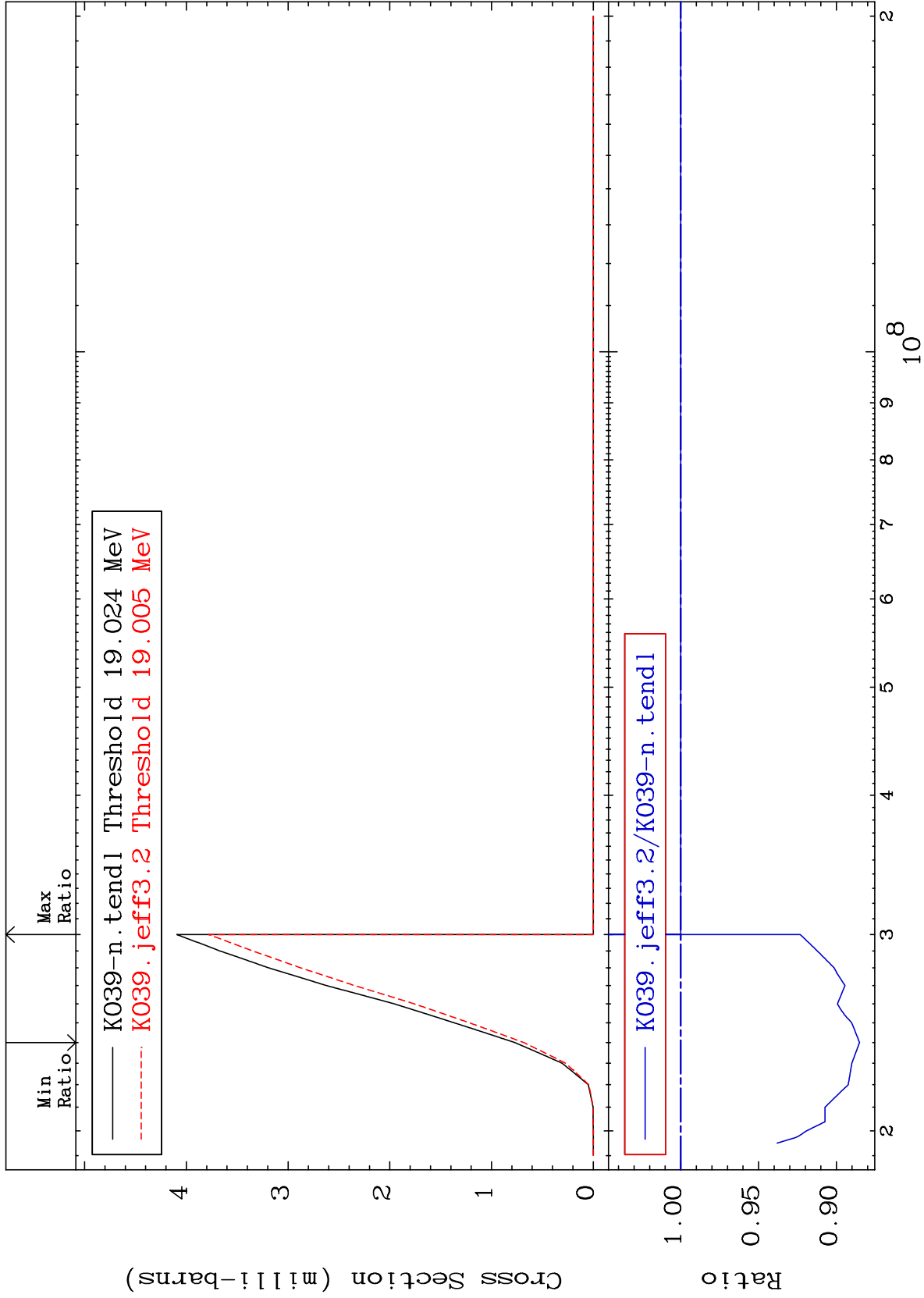
MAT 1925

(n,n') t

19-K -39

Cross Section

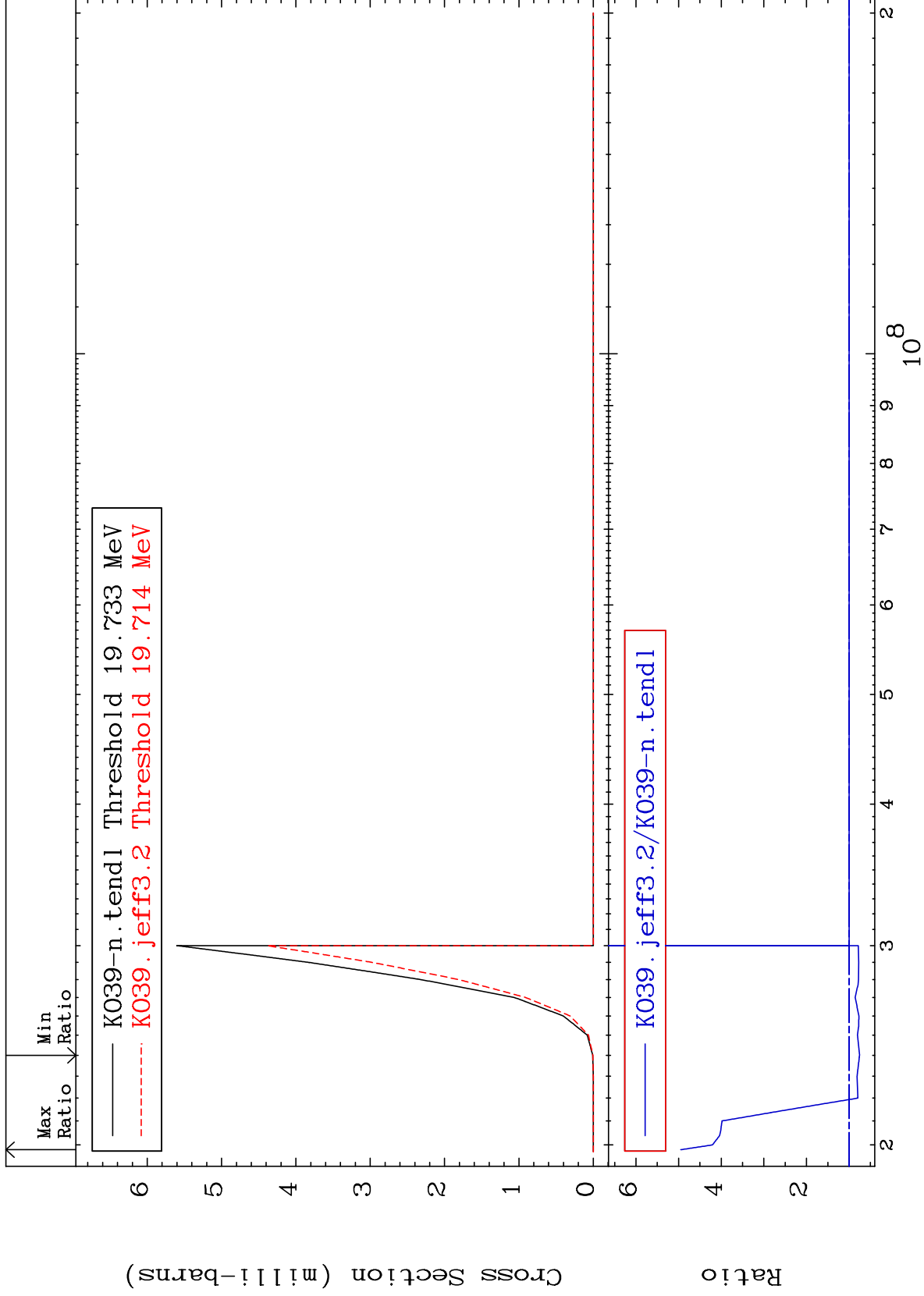
-11.48 To 0.000 %



12

Incident Energy (eV)

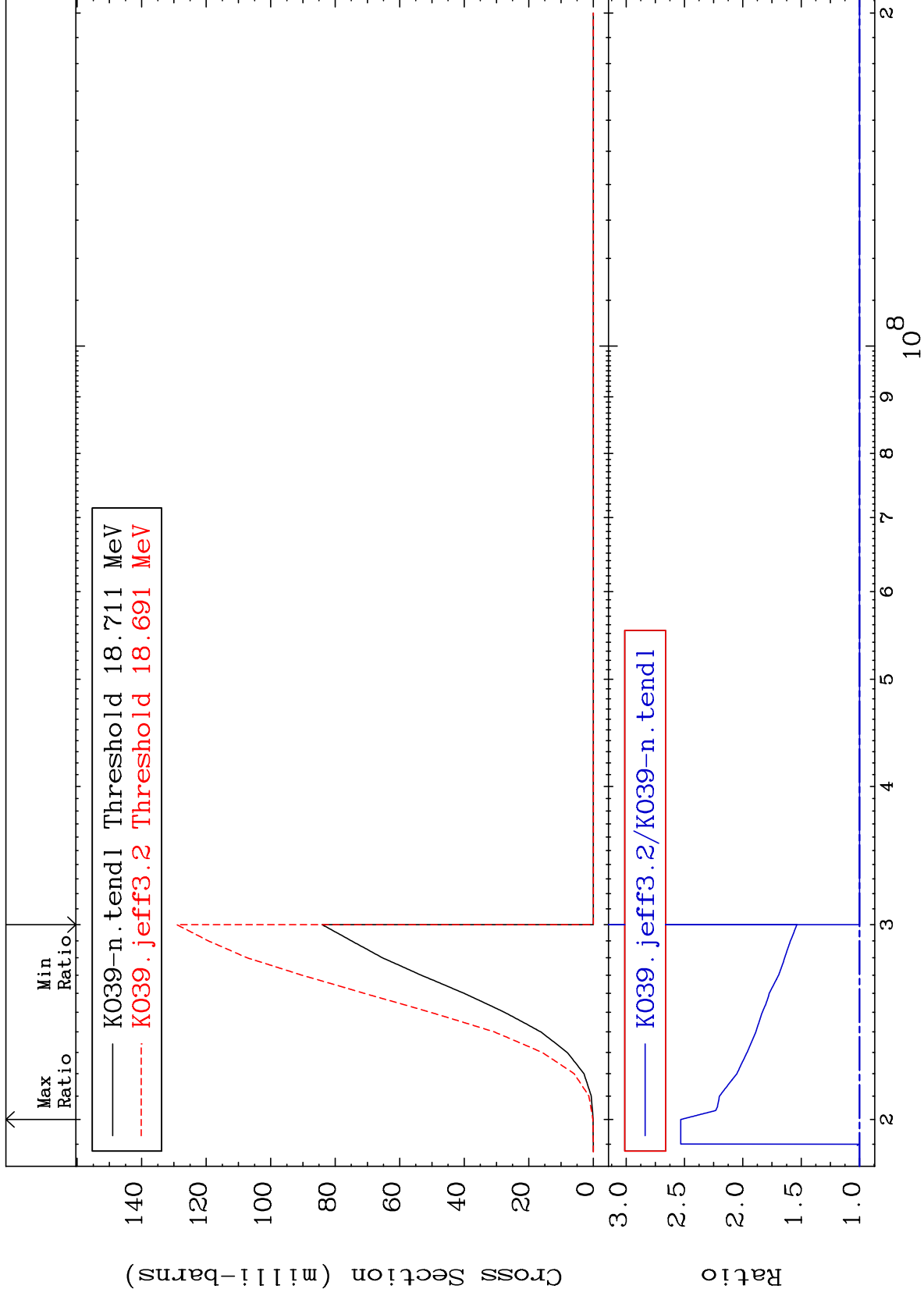
19-K -39



MAT 1925

(n,2n) p
Cross Section

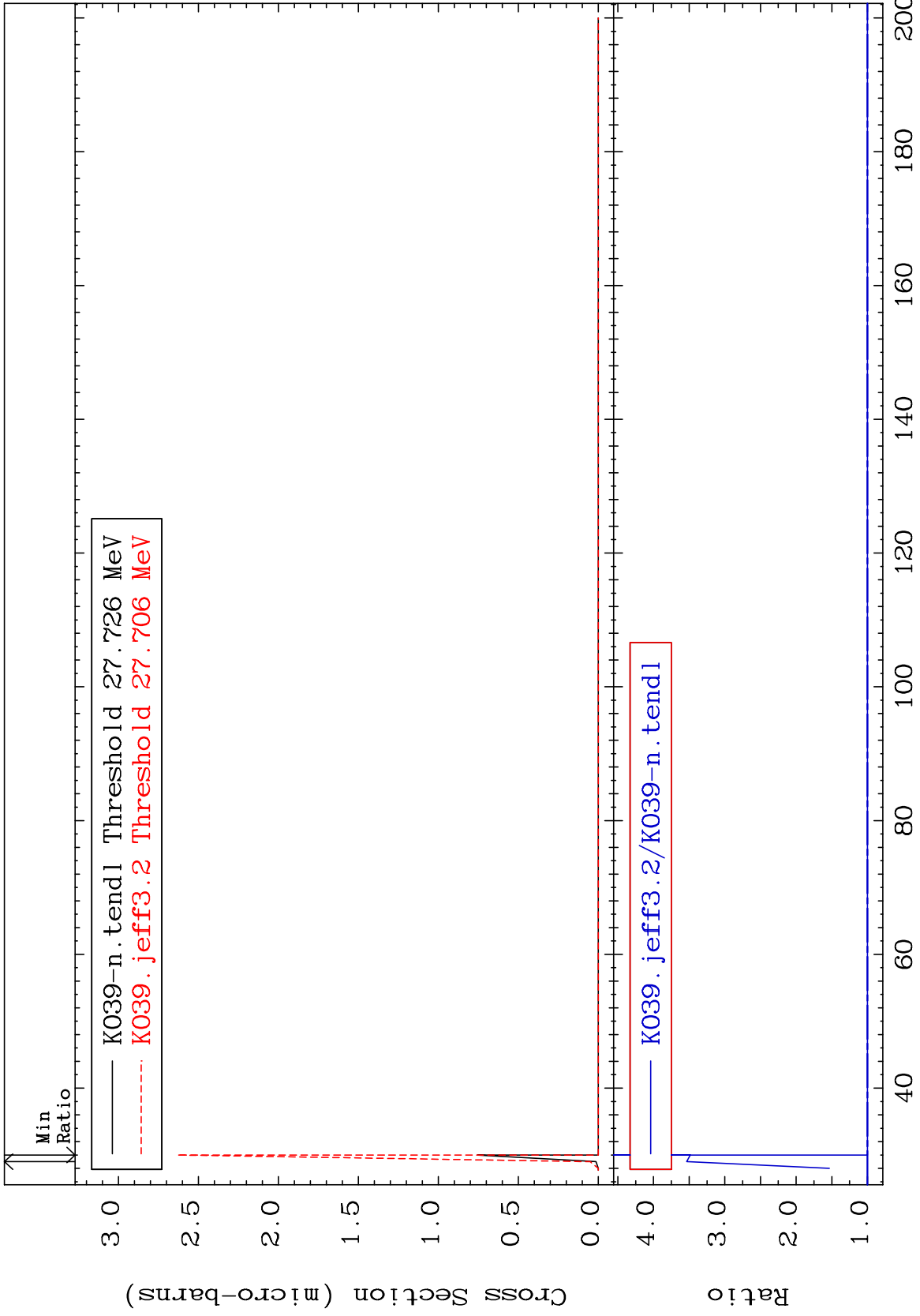
19-K -39
0.000 To 153.2 %



MAT 1925

(n,3n) p
Cross Section

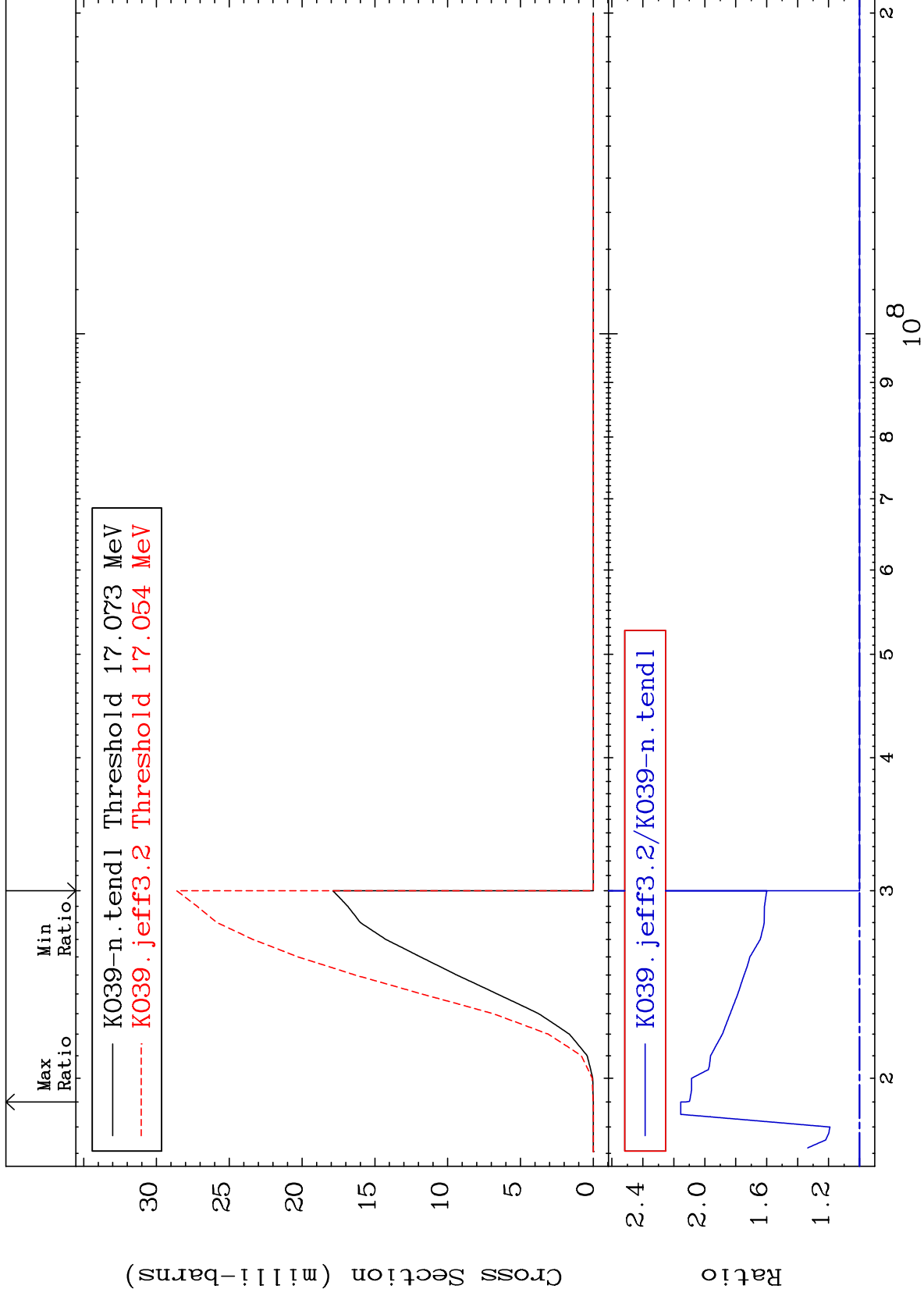
19-K -39
0.000 To 253.4 %



MAT 1925

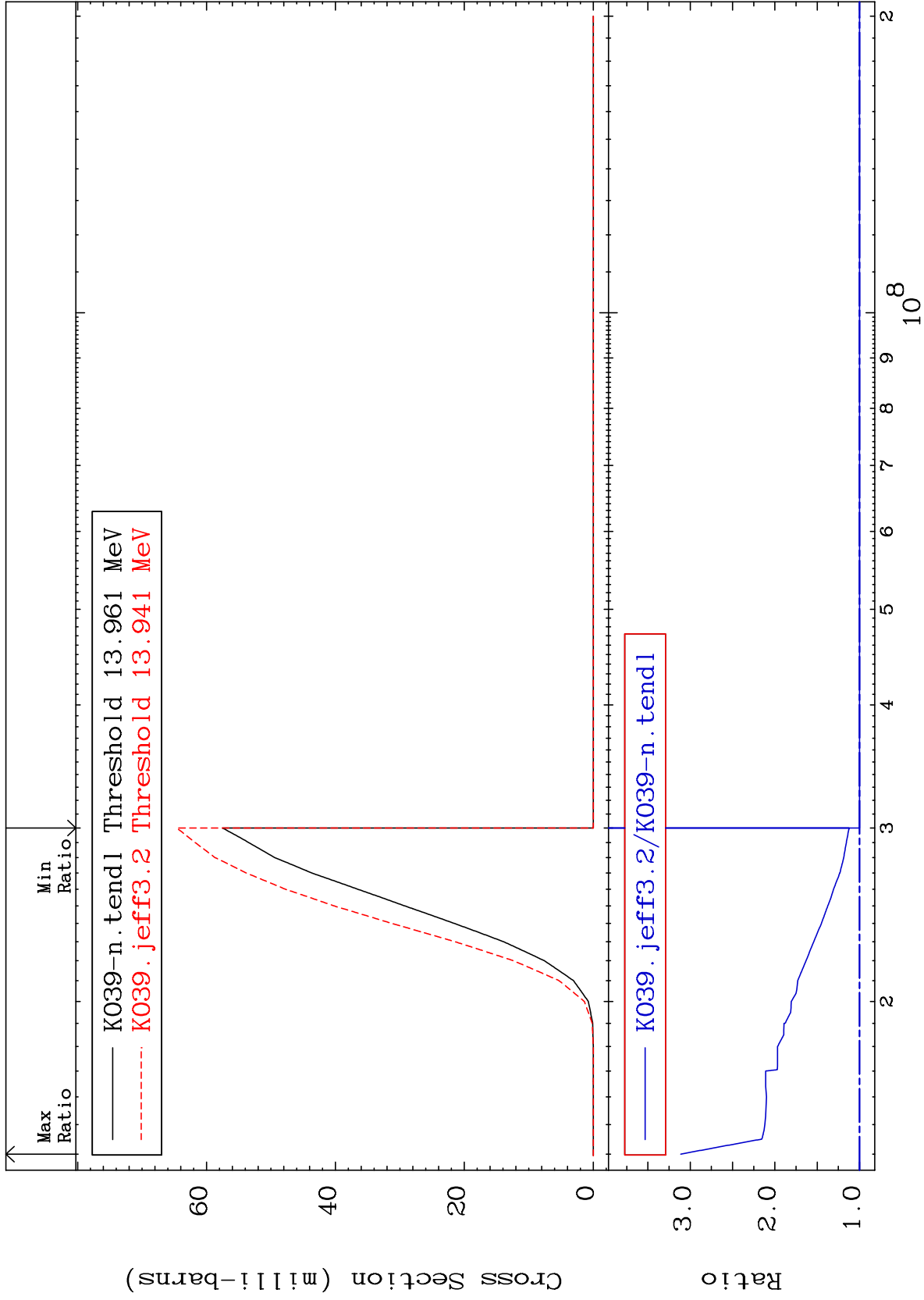
(n,2n) p
Cross Section

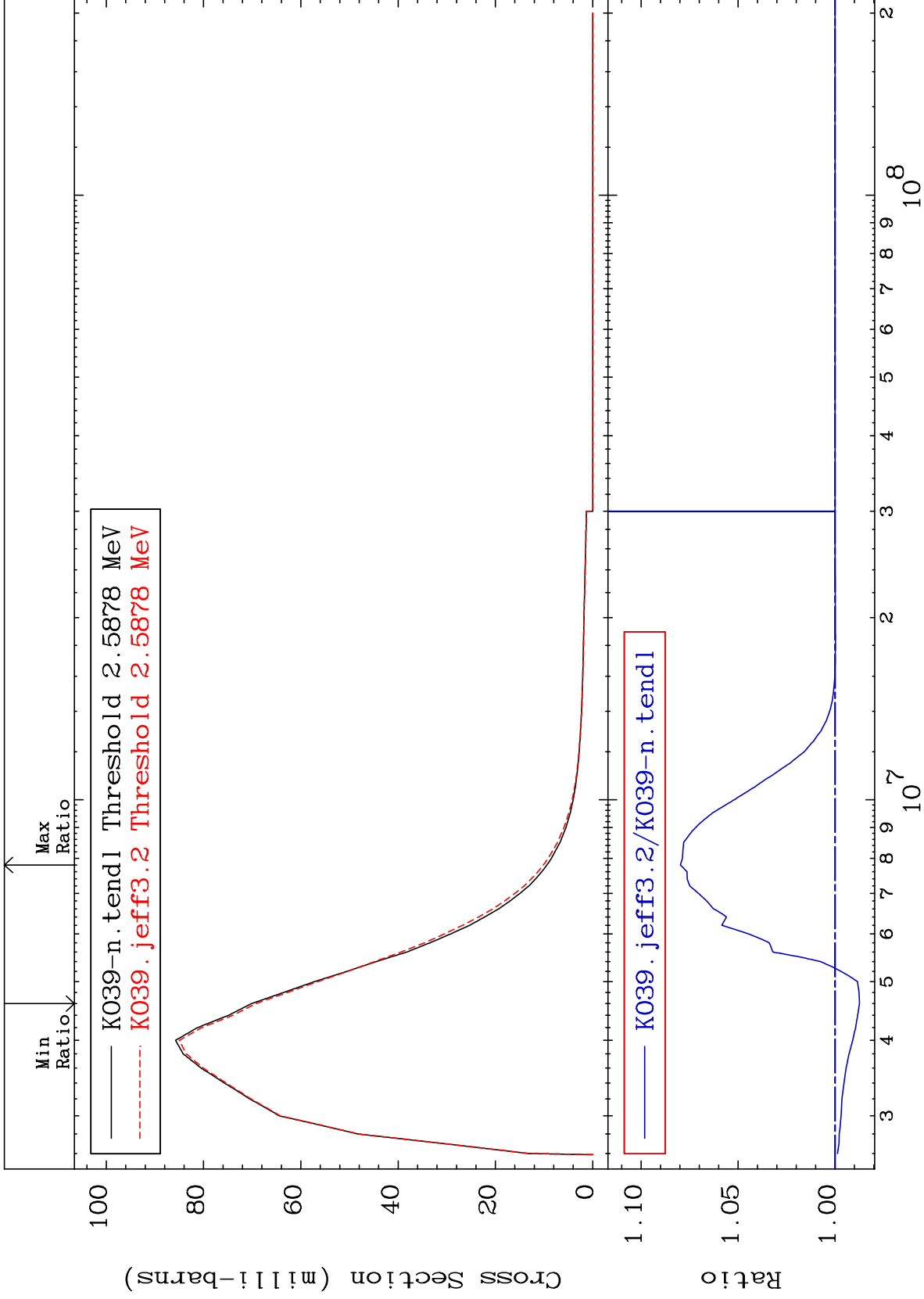
19-K -39
0.000 To 115.5 %



16

19-K -39

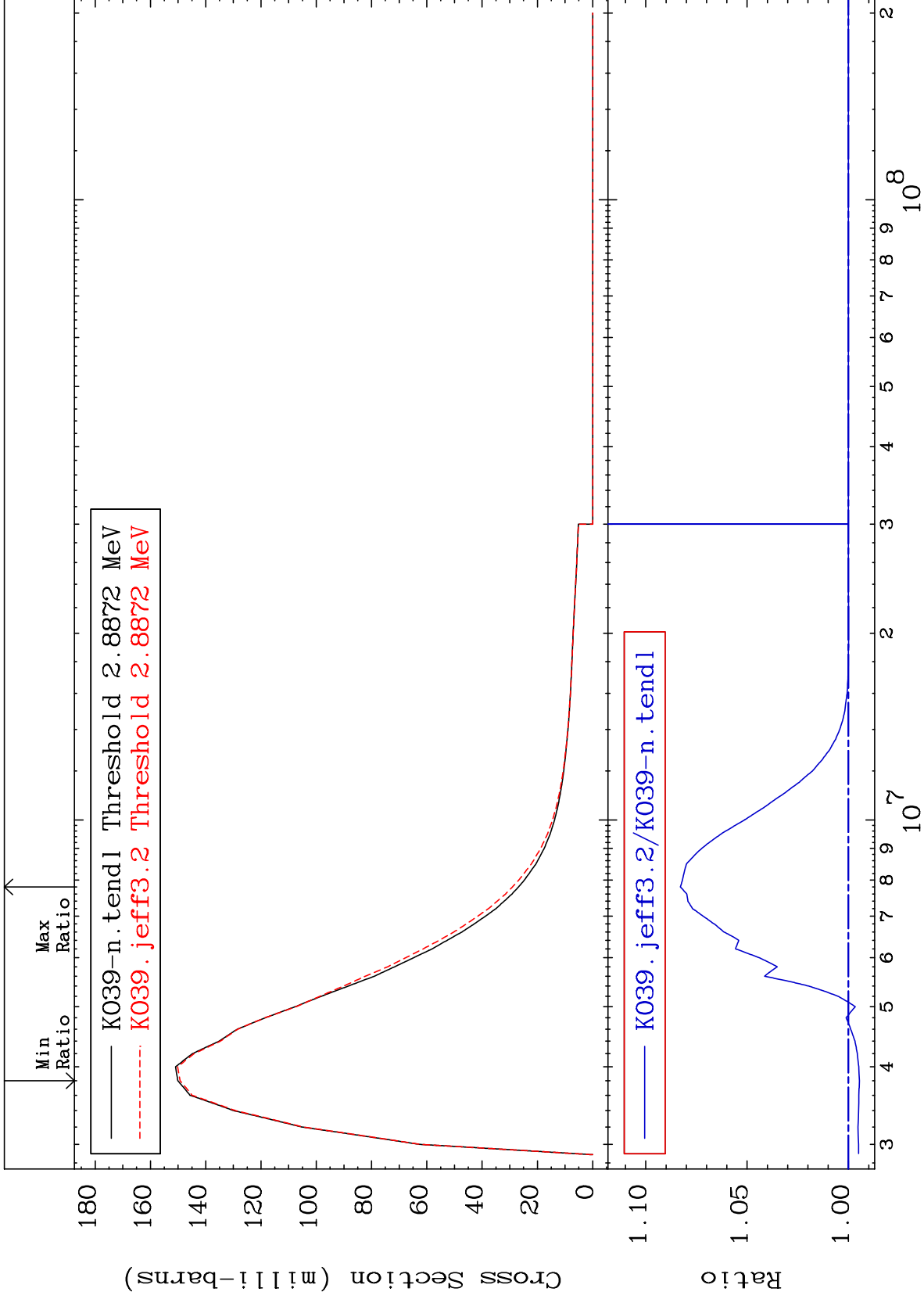




MAT 1925

2.814 MeV (n,n') Level
Cross Section

19-K -39
-0.541 To 8.295 %



19

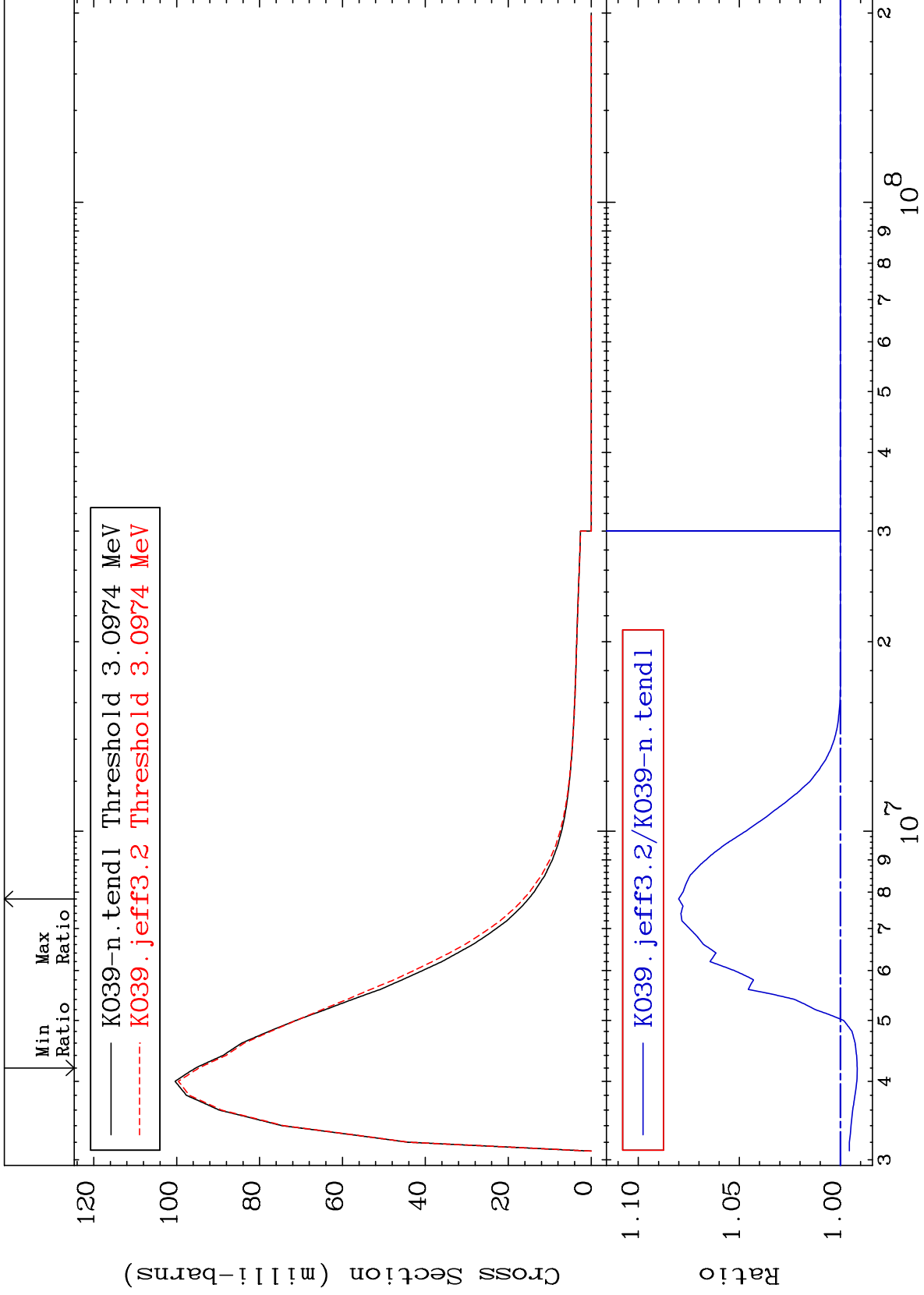
Incident Energy (eV)

19-K -39

MAT 1925

3.019 MeV (n,n') Level
Cross Section

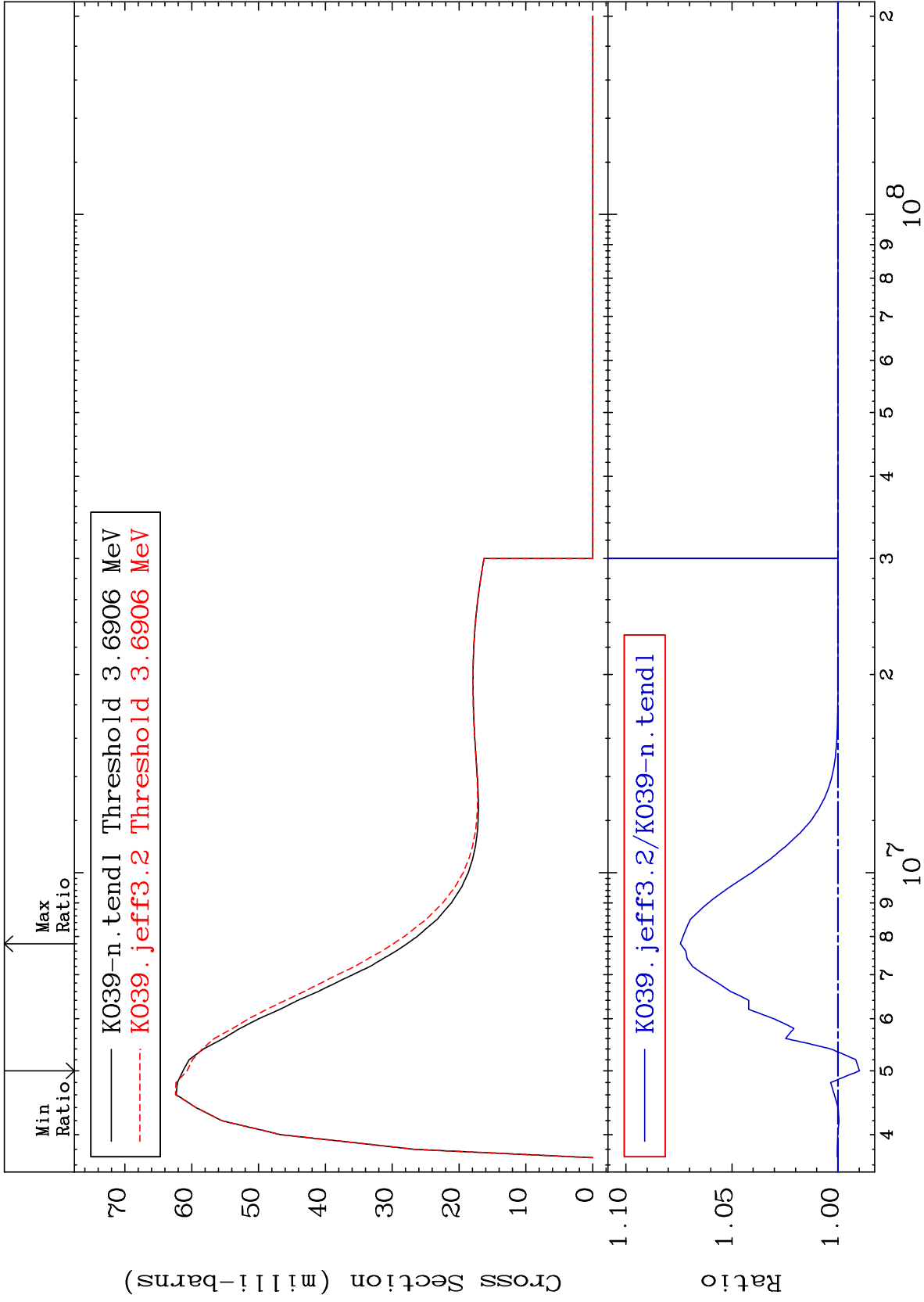
19-K -39
-0.833 To 8.005 %

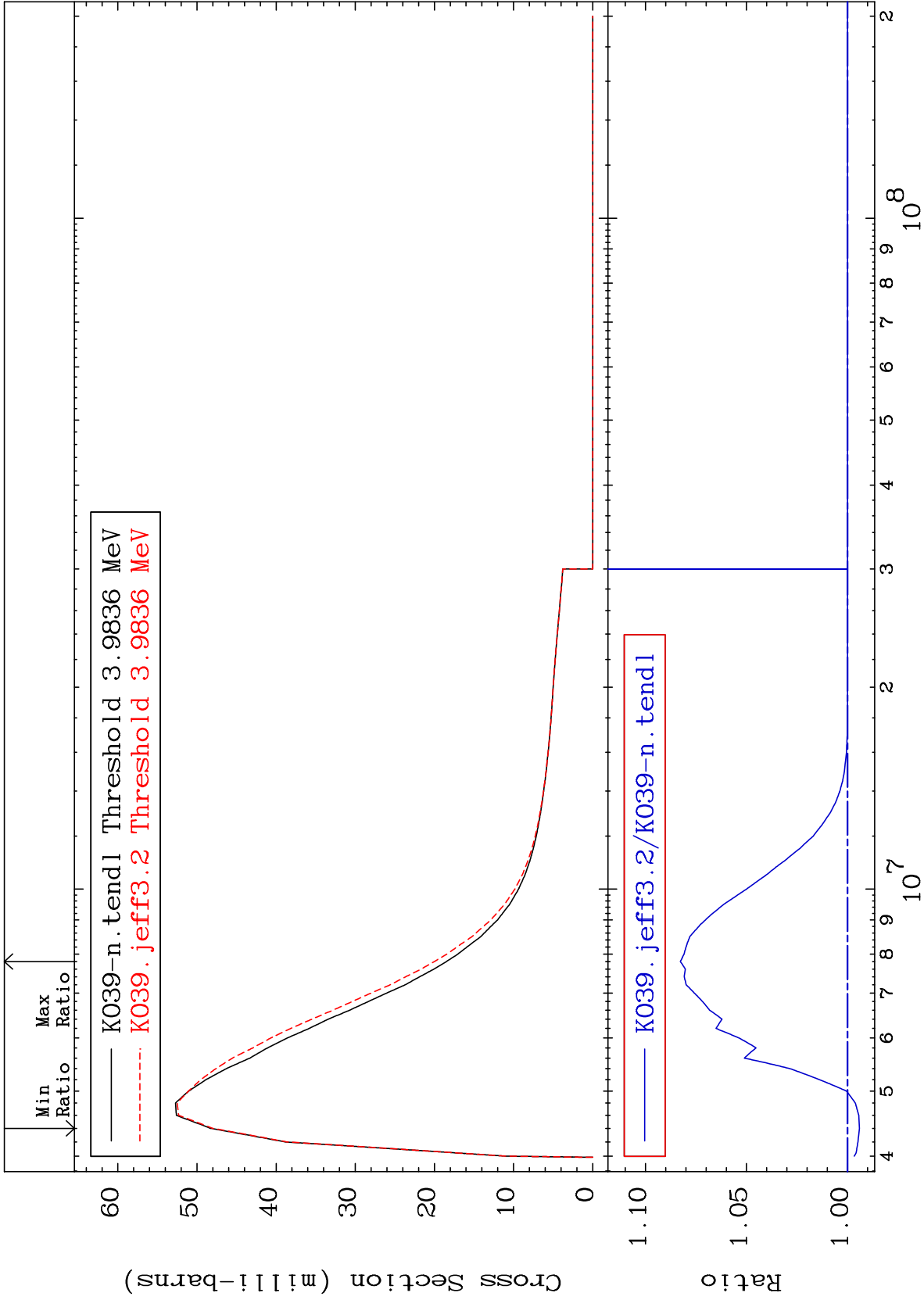


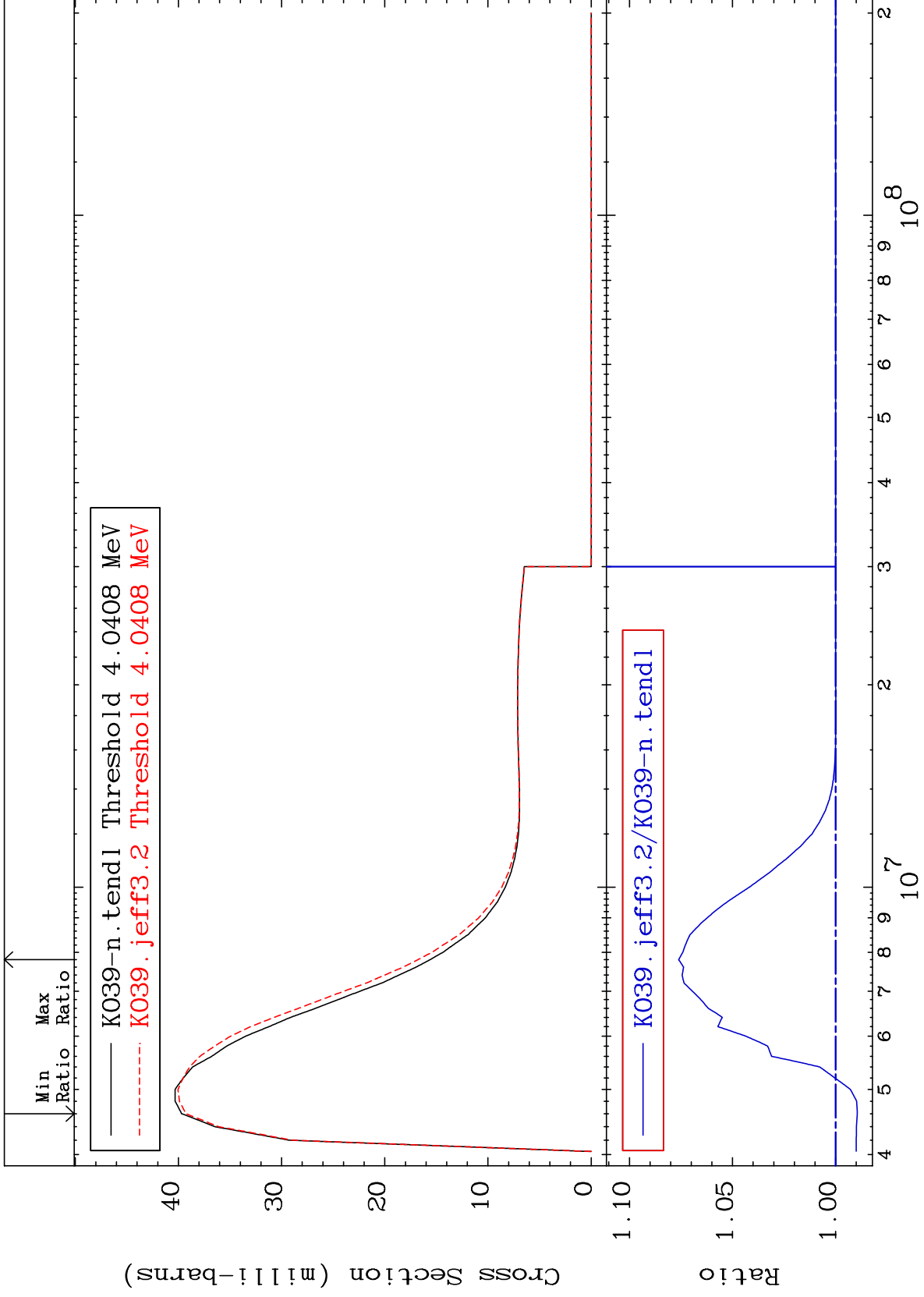
20

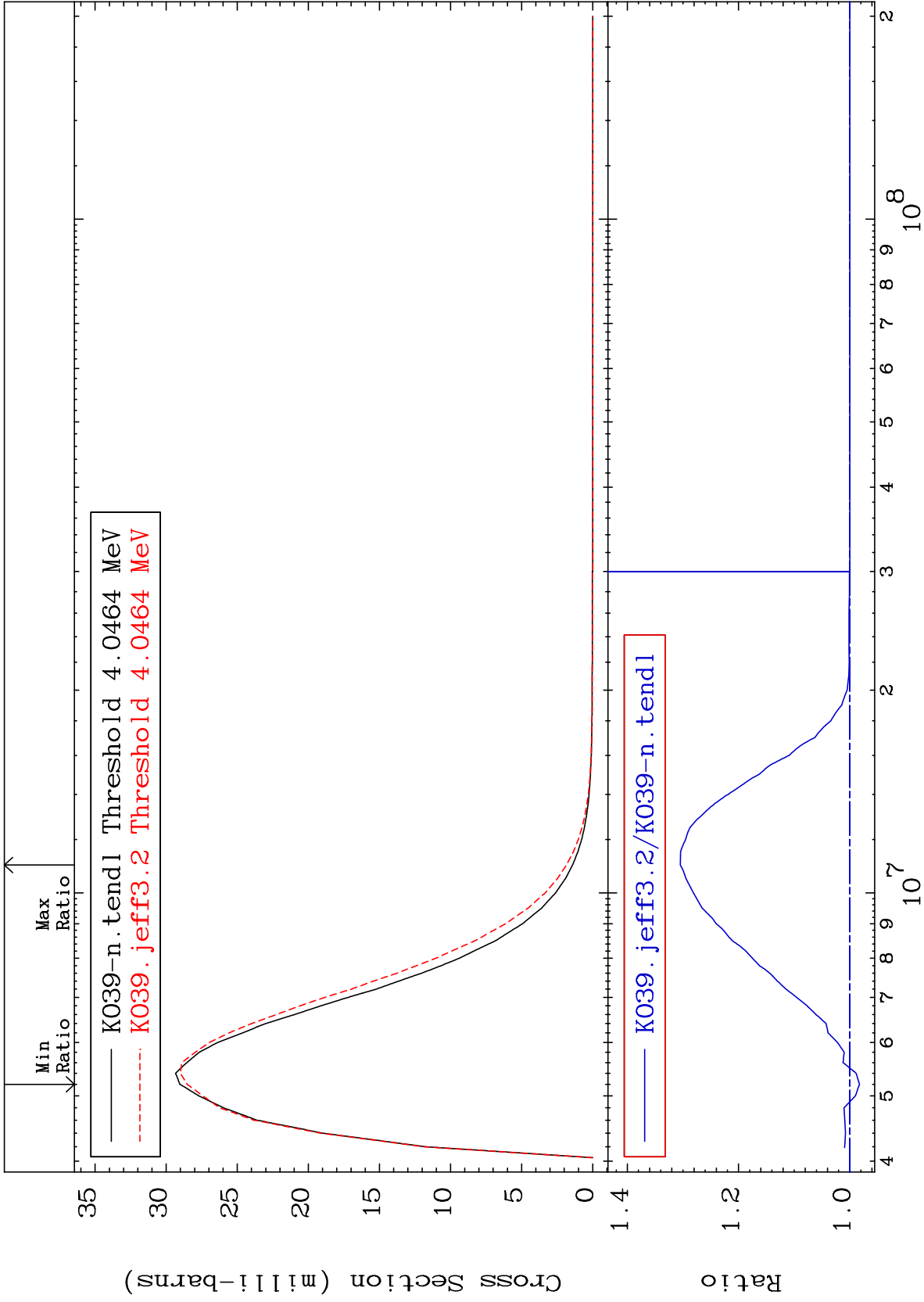
Incident Energy (eV)

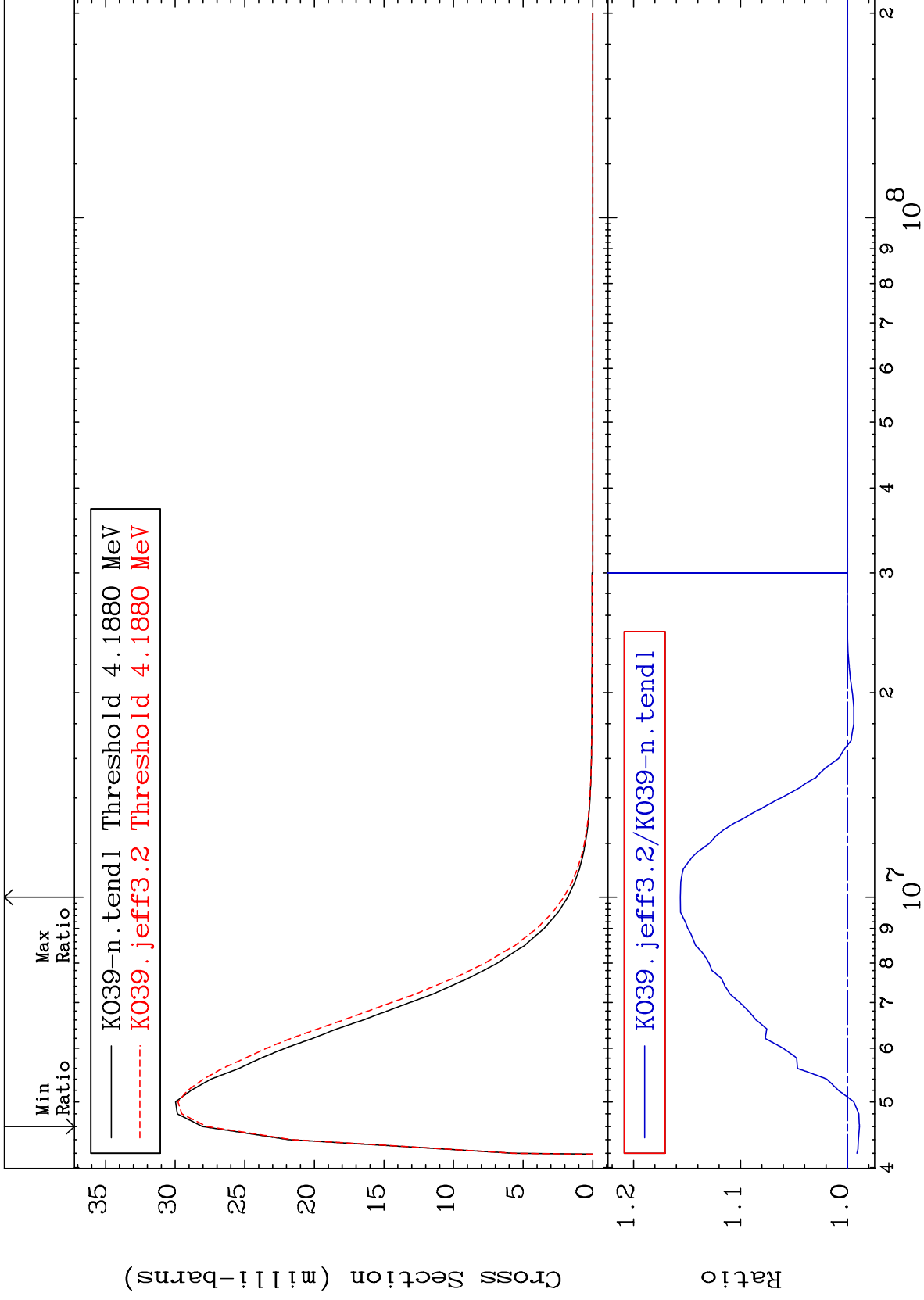
19-K -39

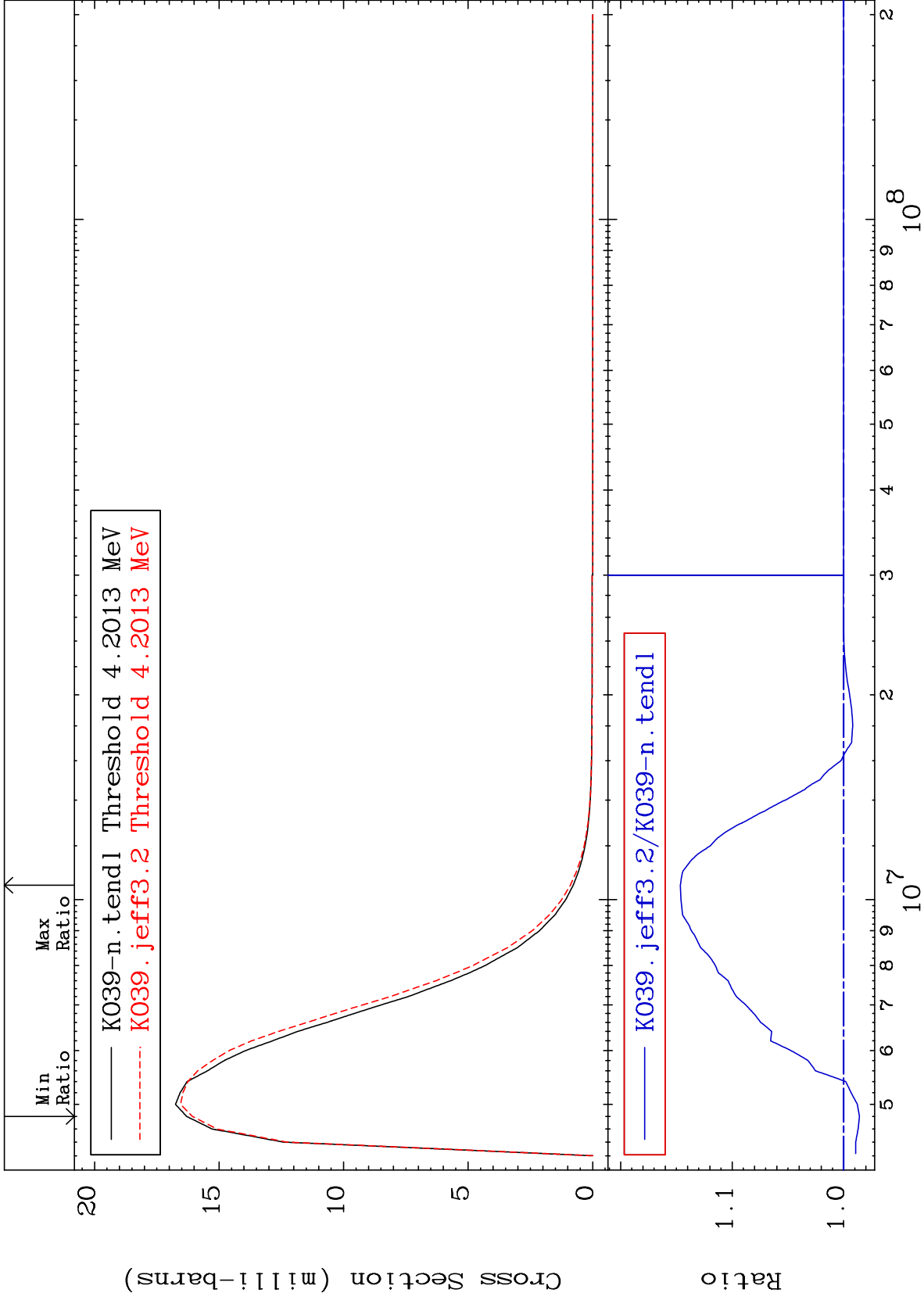


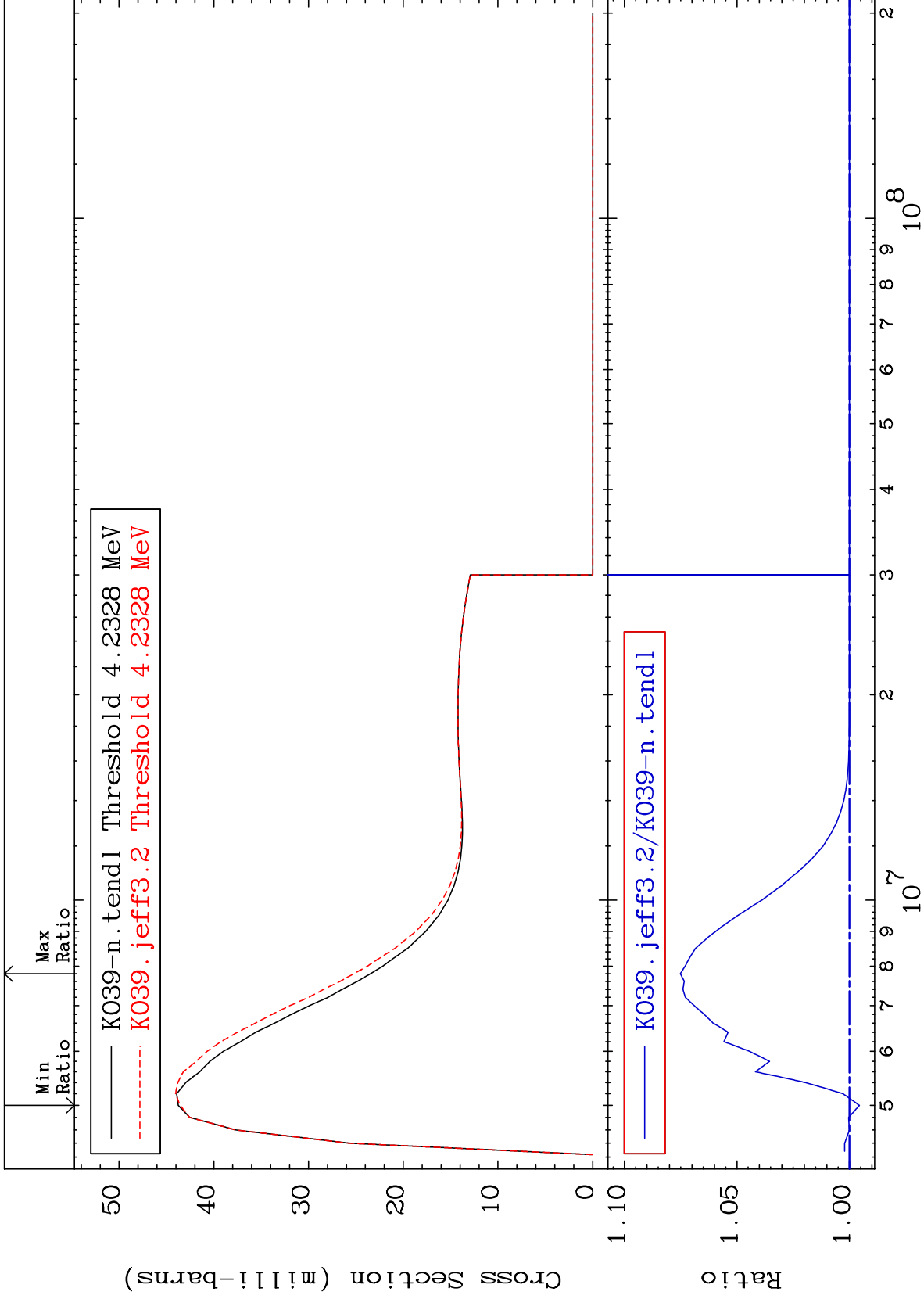


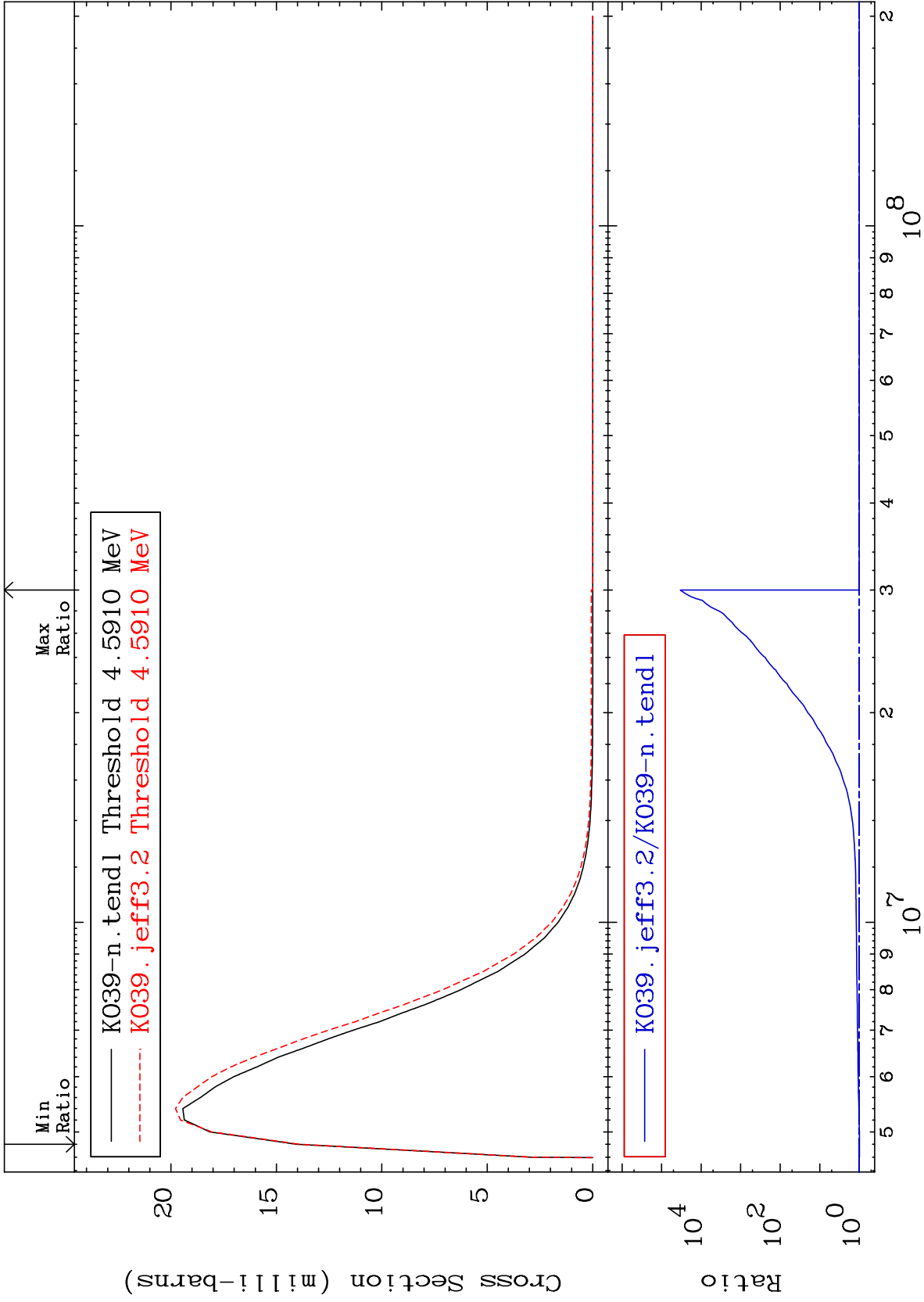


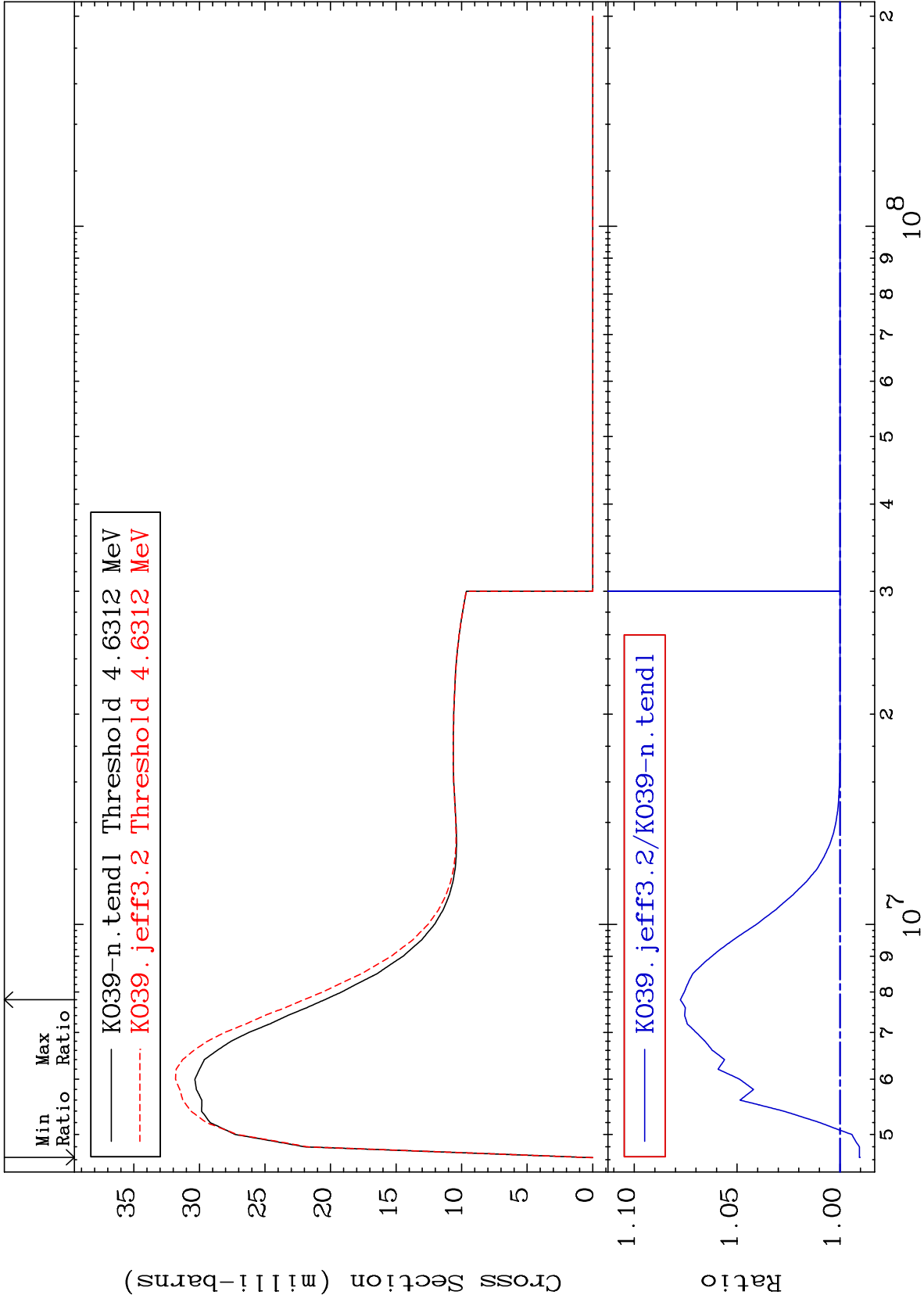


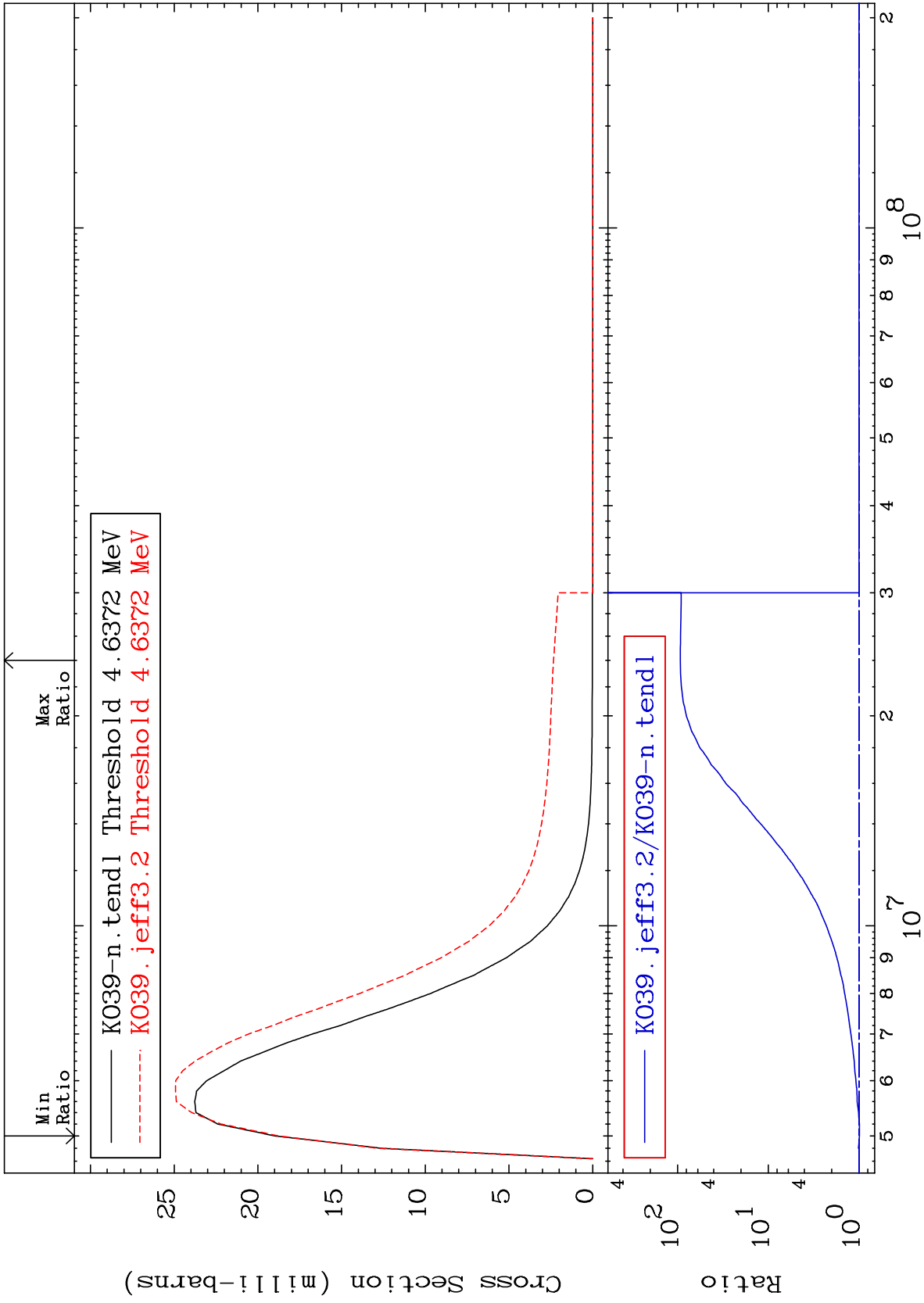


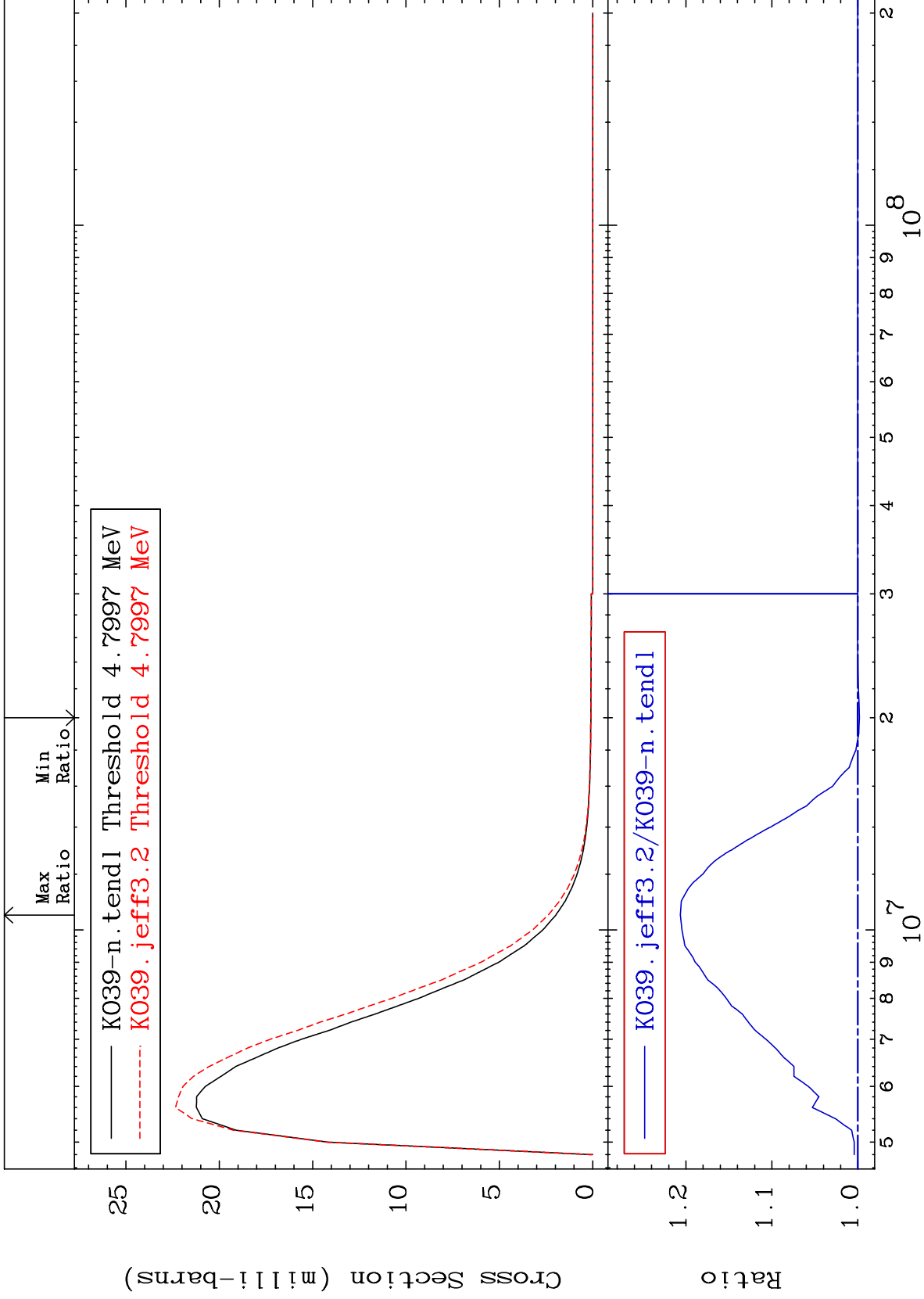








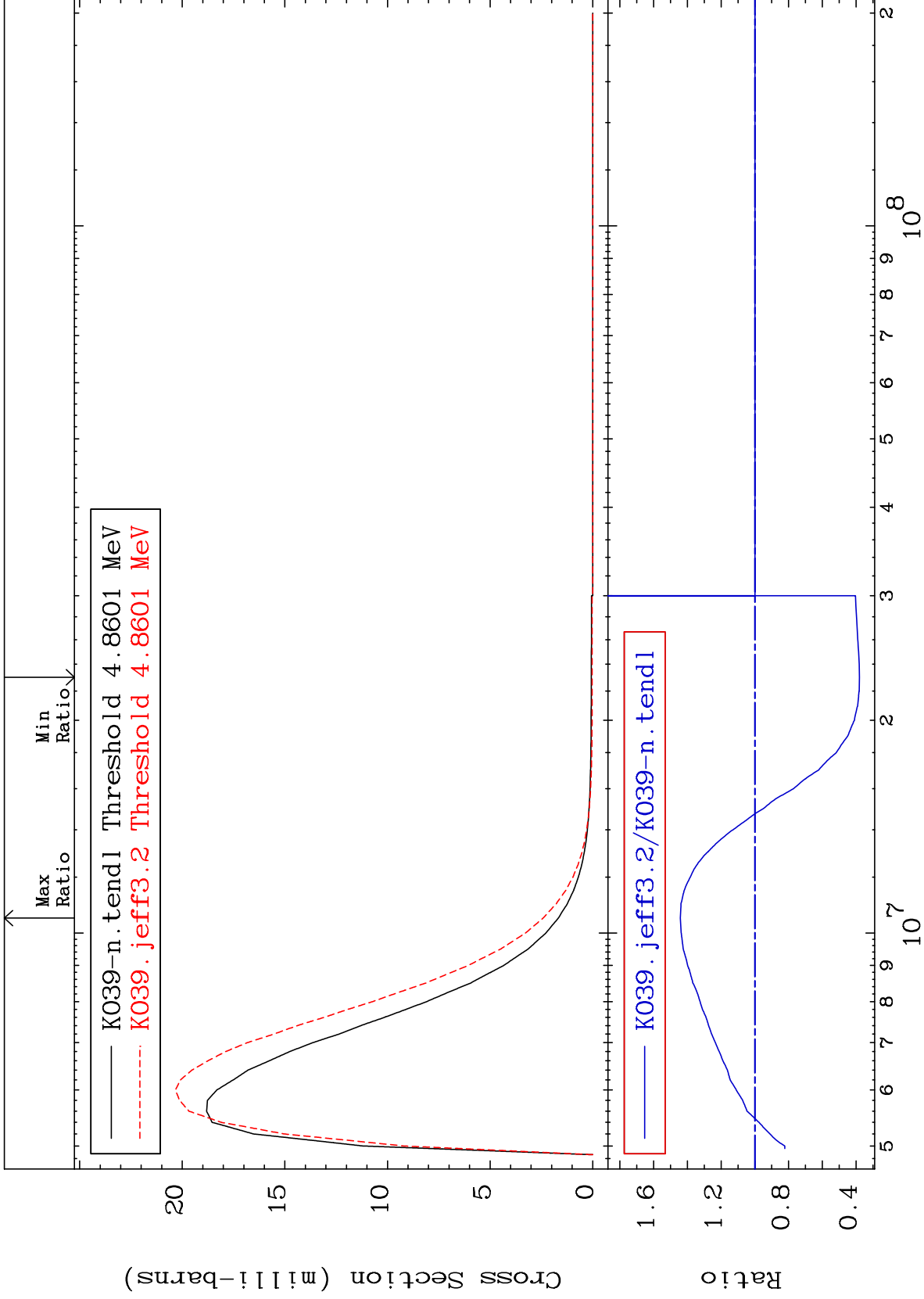




MAT 1925

4.738 MeV (n,n') Level
Cross Section

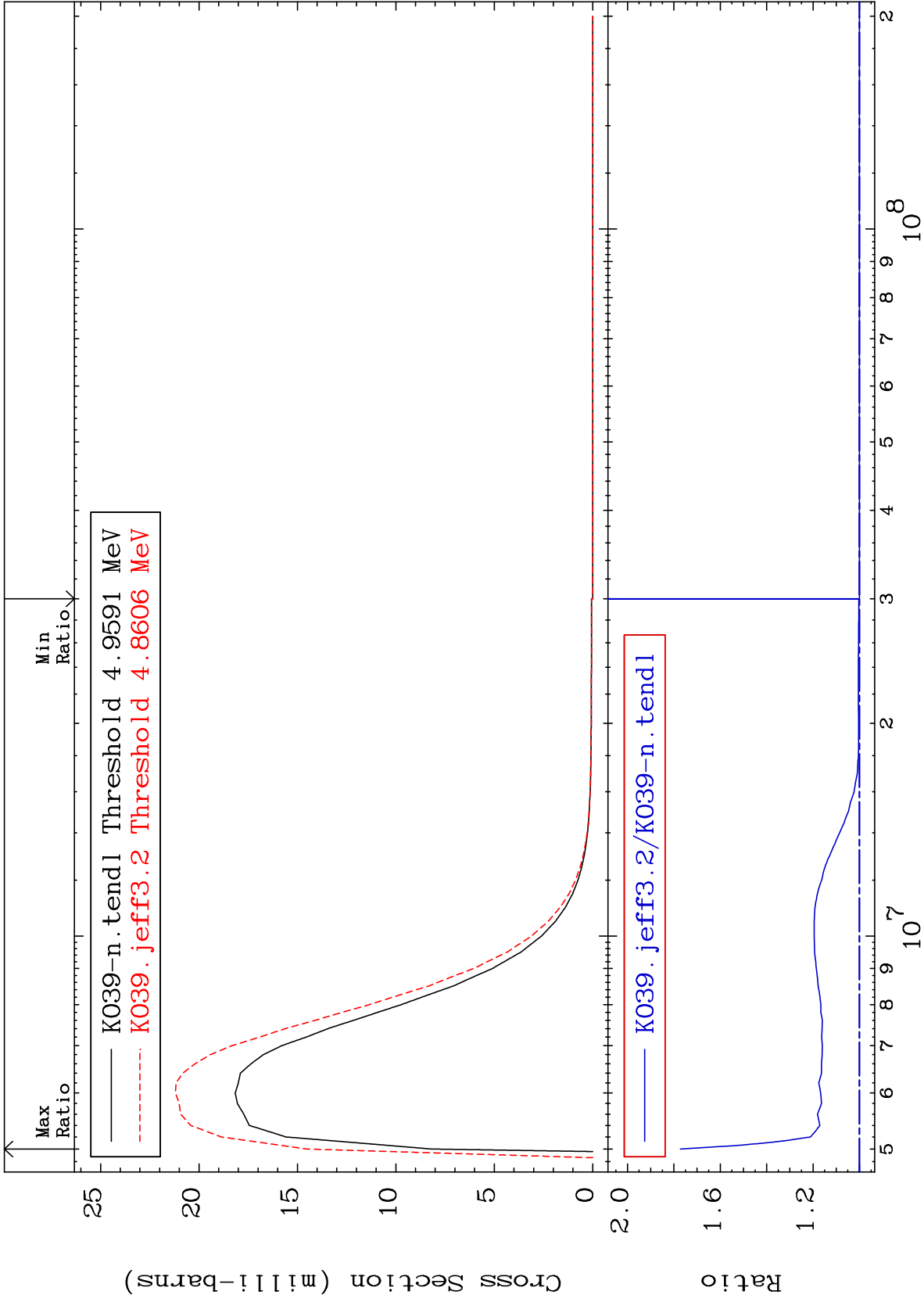
19-K -39
-61.99 To 44.17 %

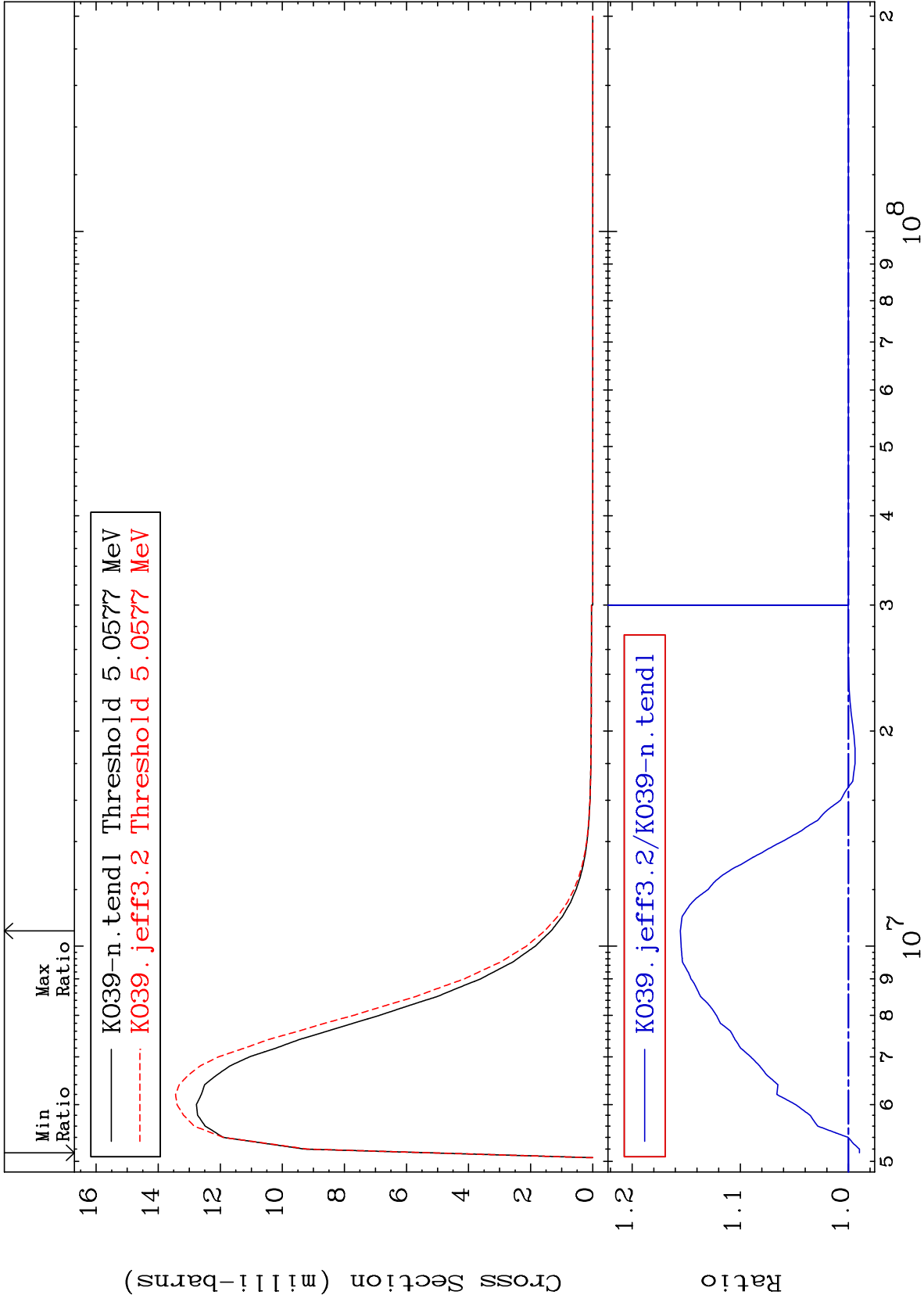


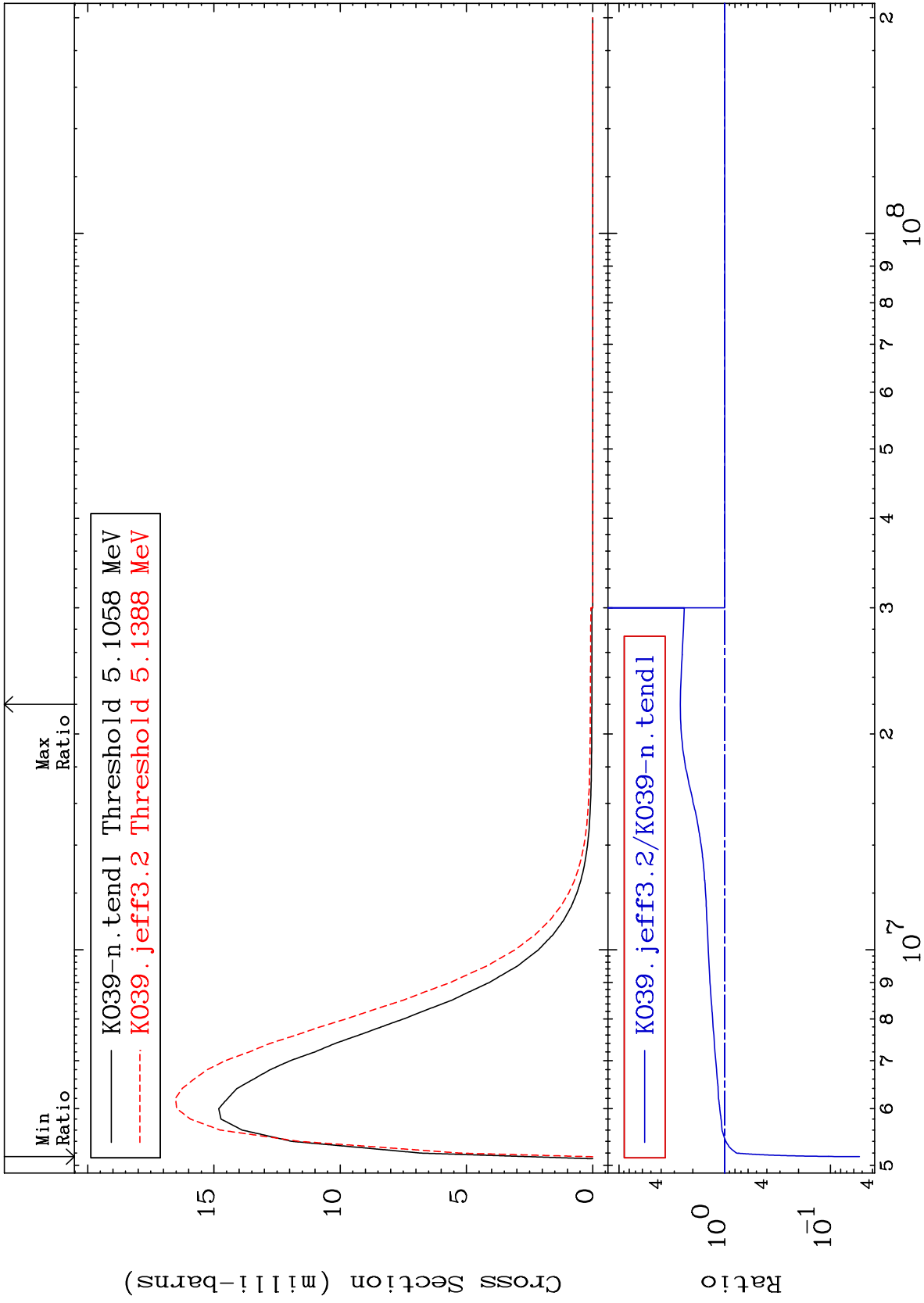
MAT 1925

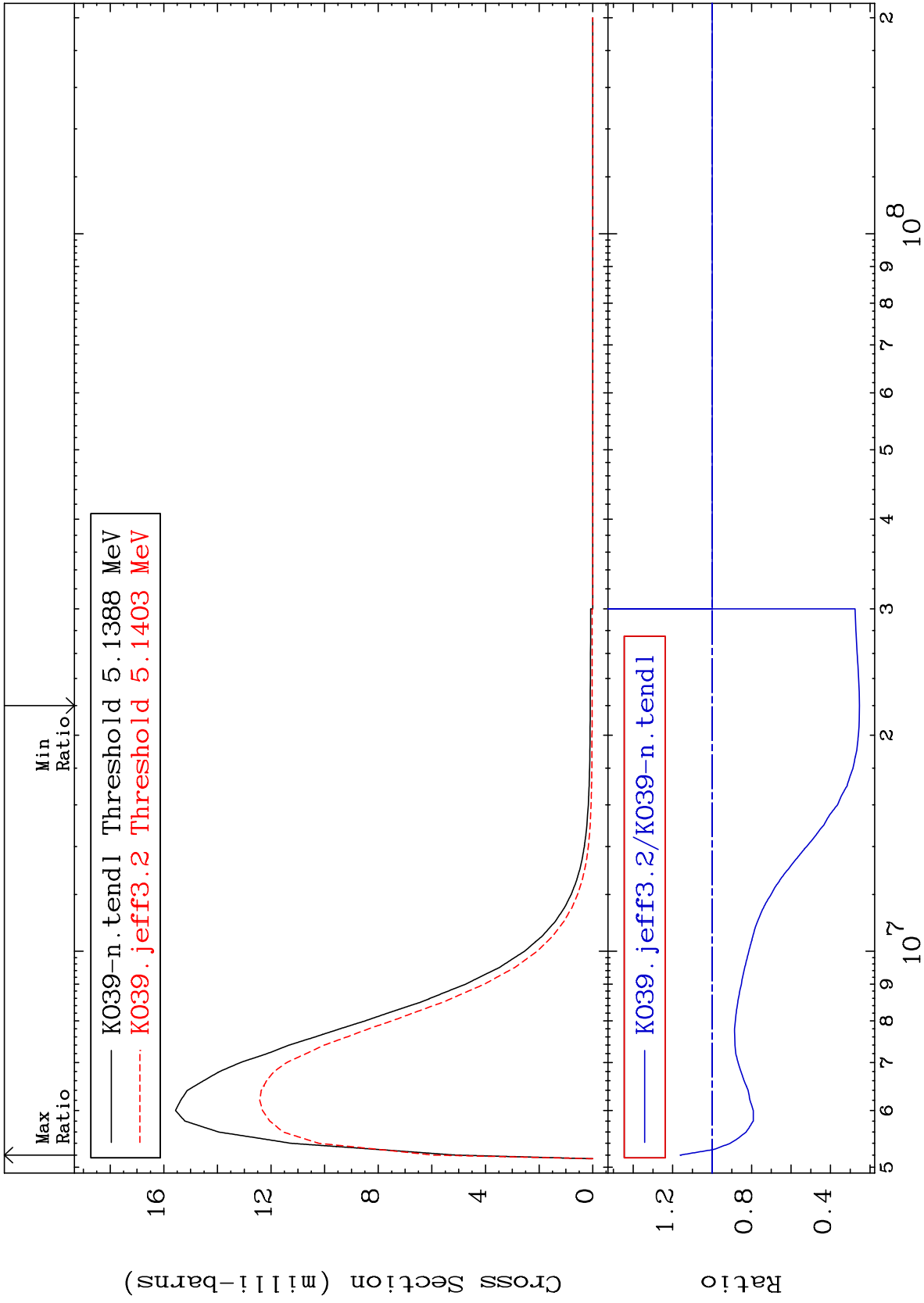
4.834 MeV (n,n') Level
Cross Section

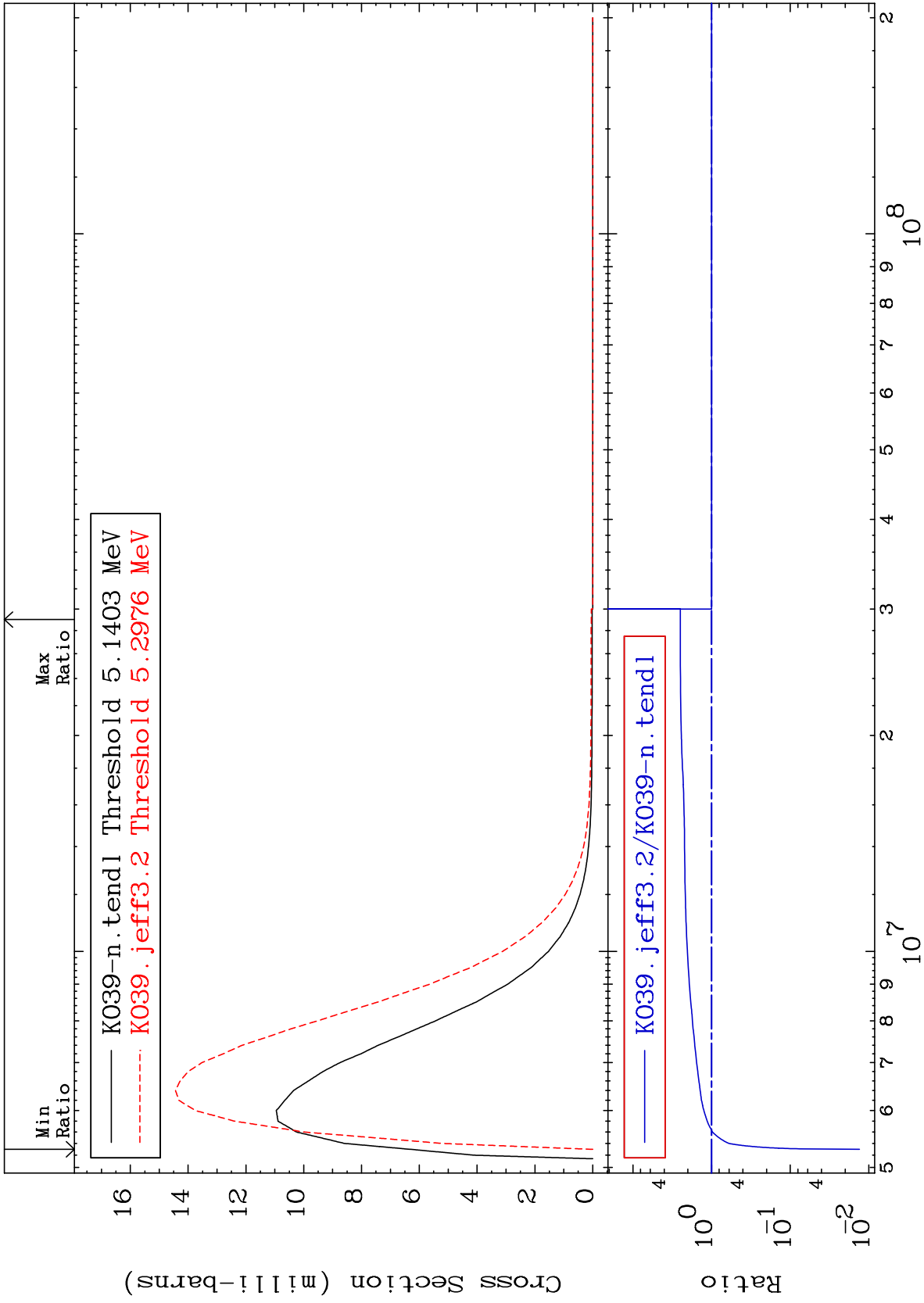
19-K -39
0.000 To 77.22 %

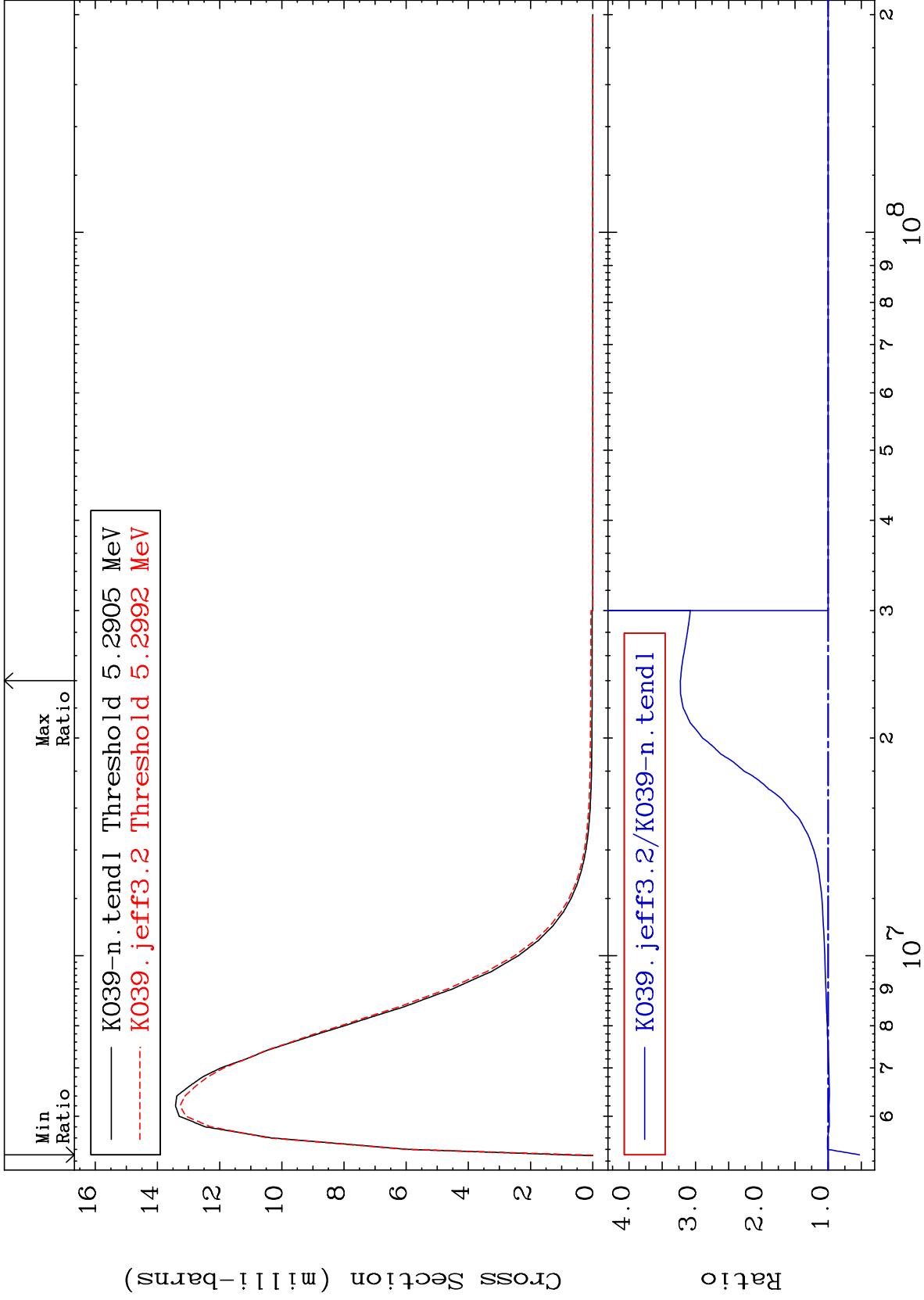








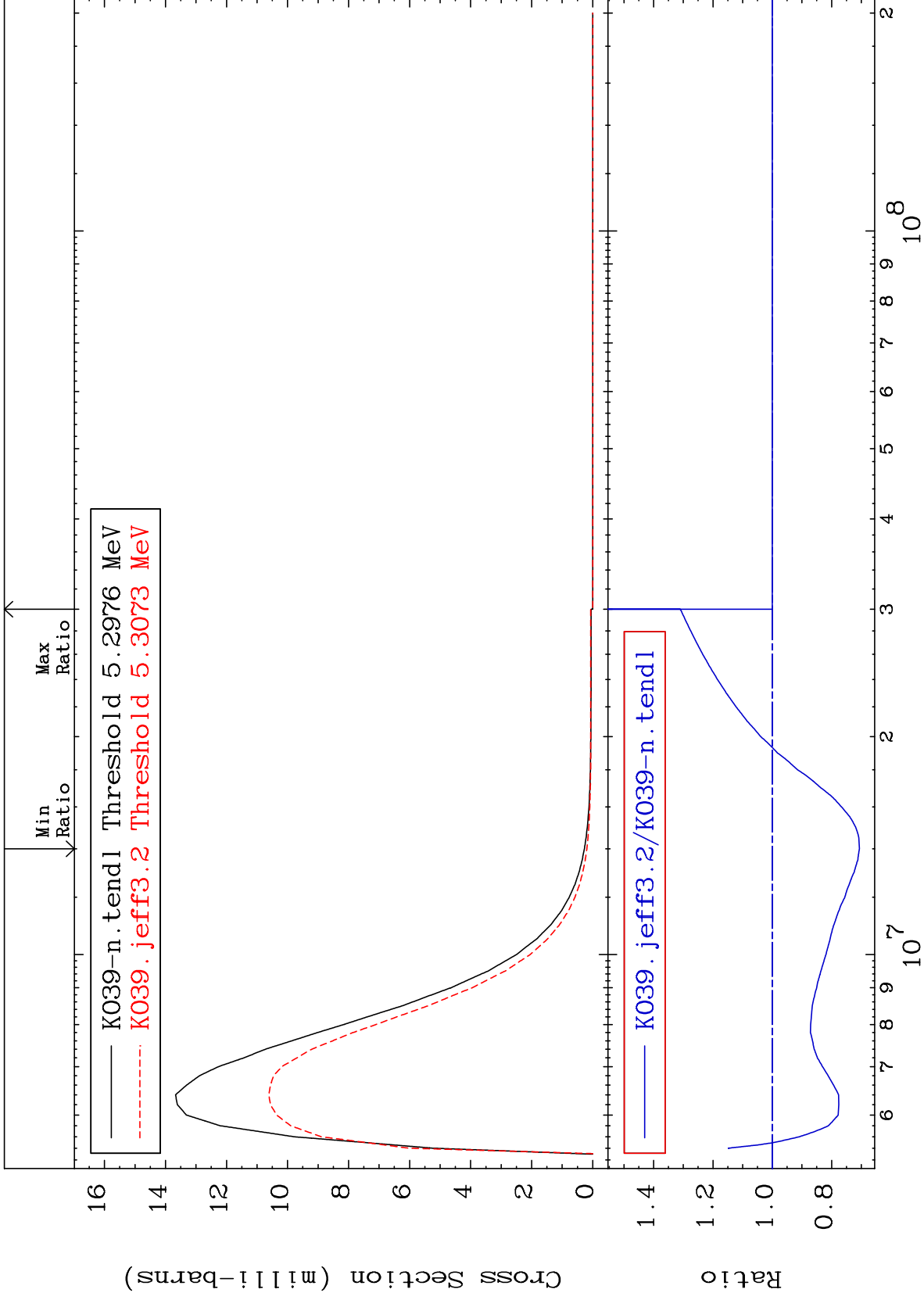




MAT 1925

5.164 MeV (n,n') Level
Cross Section

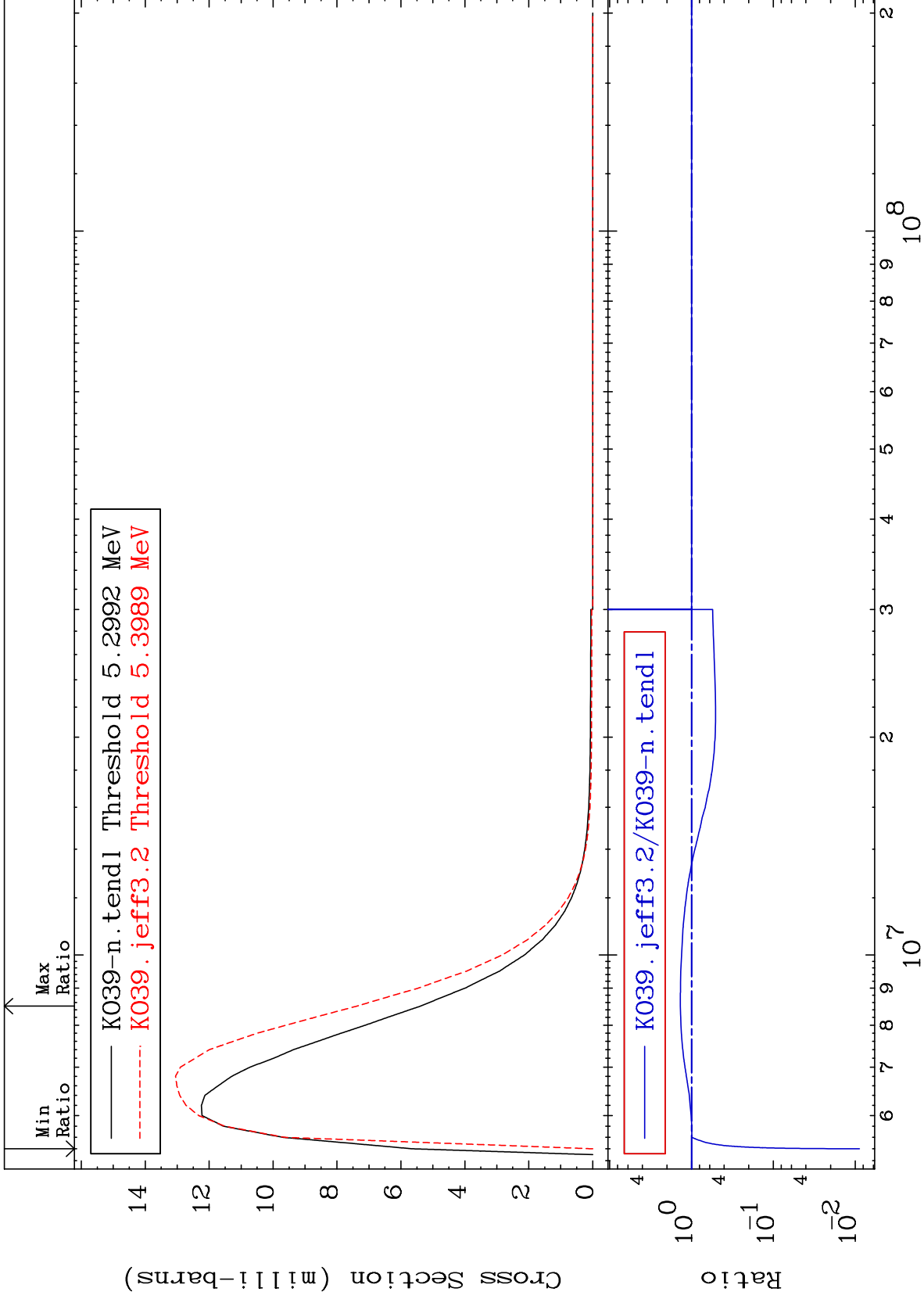
19-K -39
-29.38 To 30.99 %

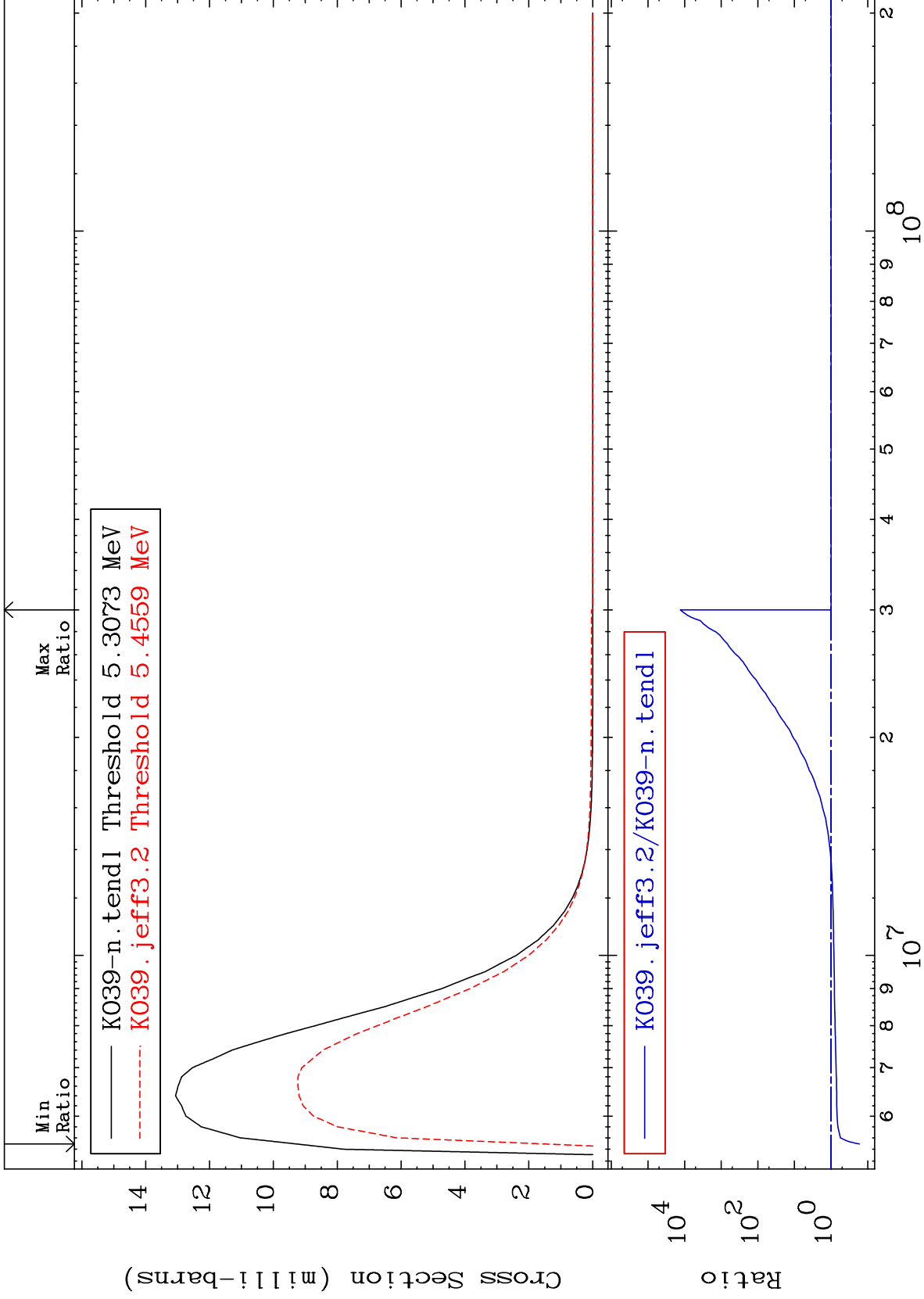


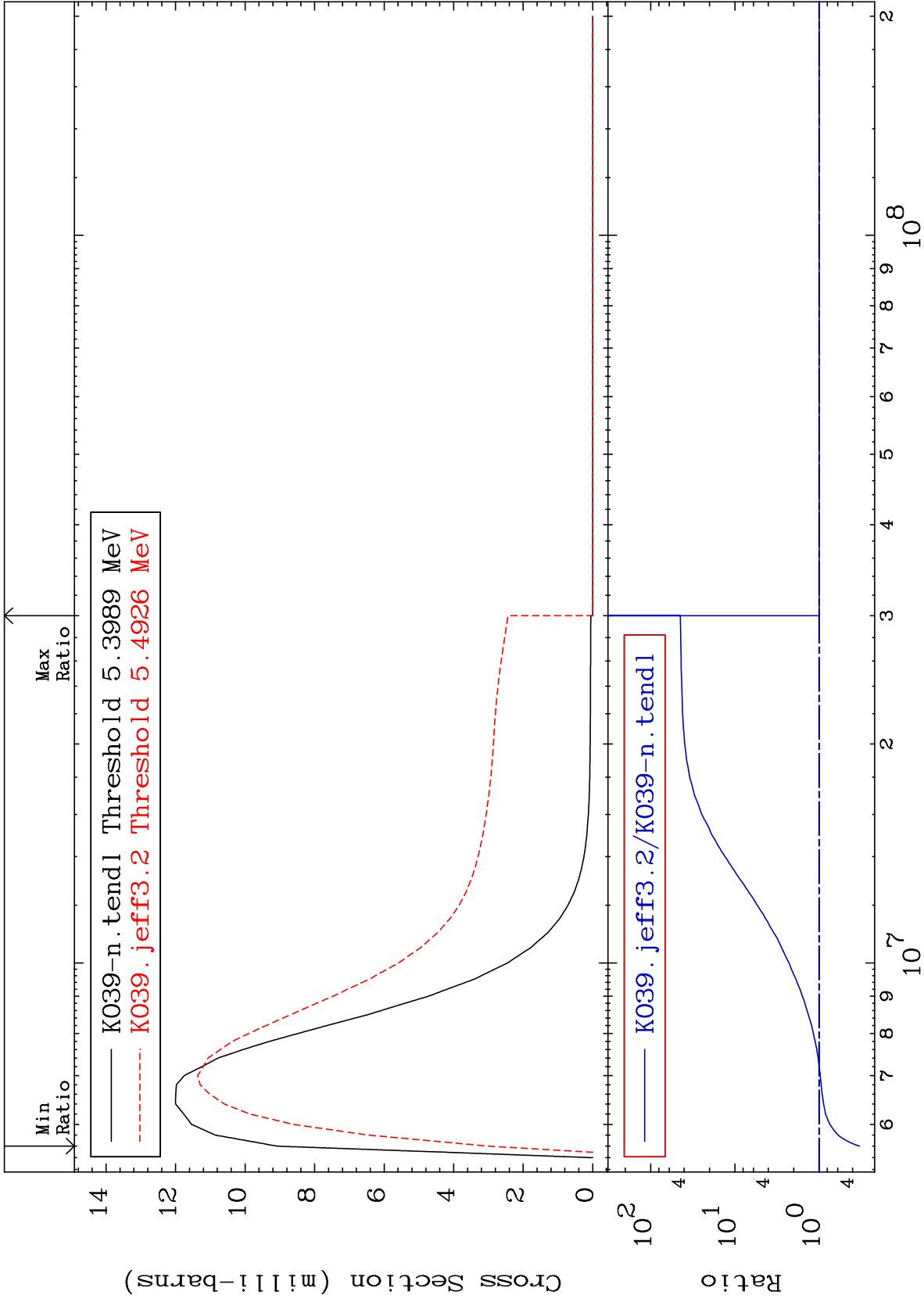
39

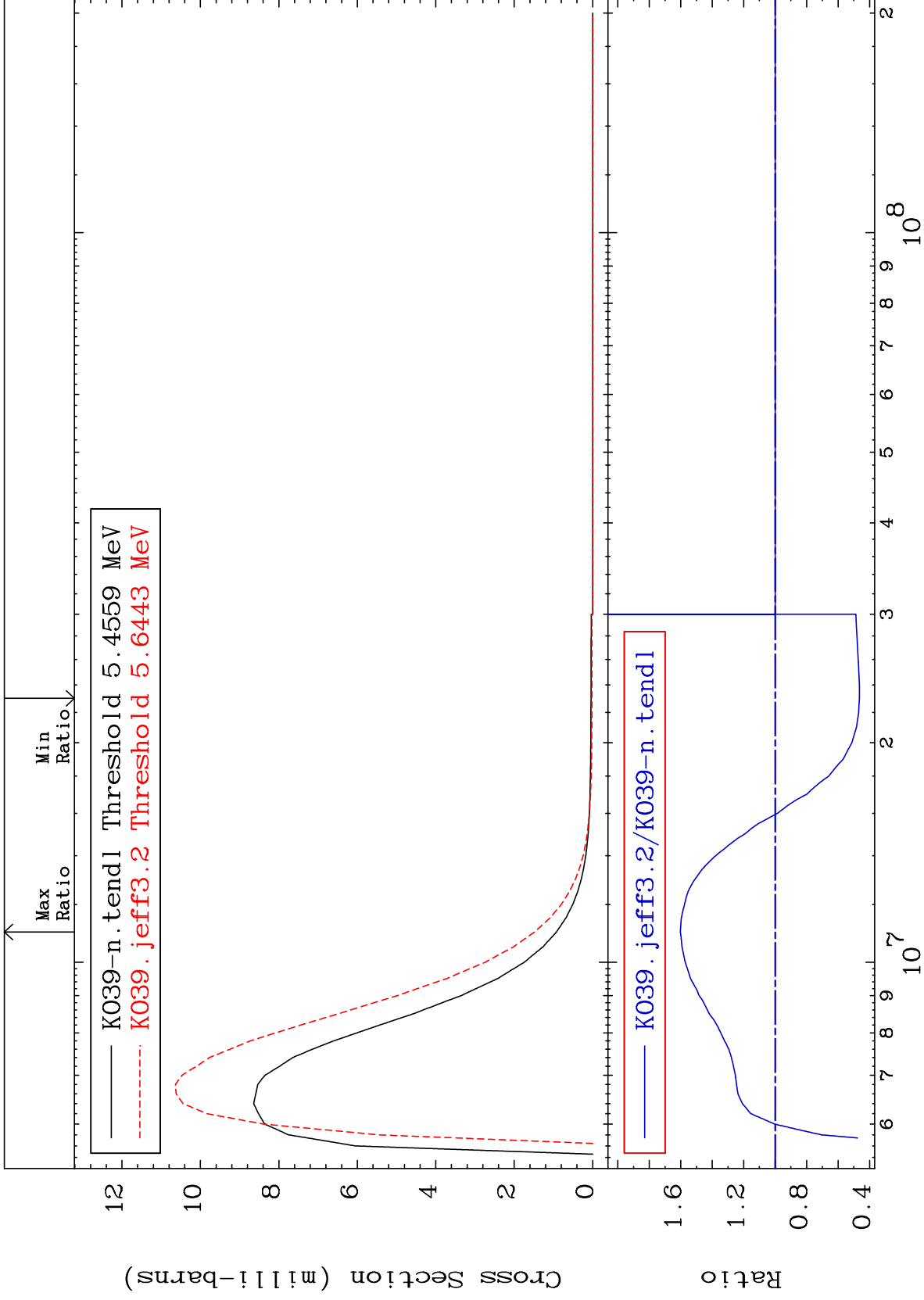
Incident Energy (eV)

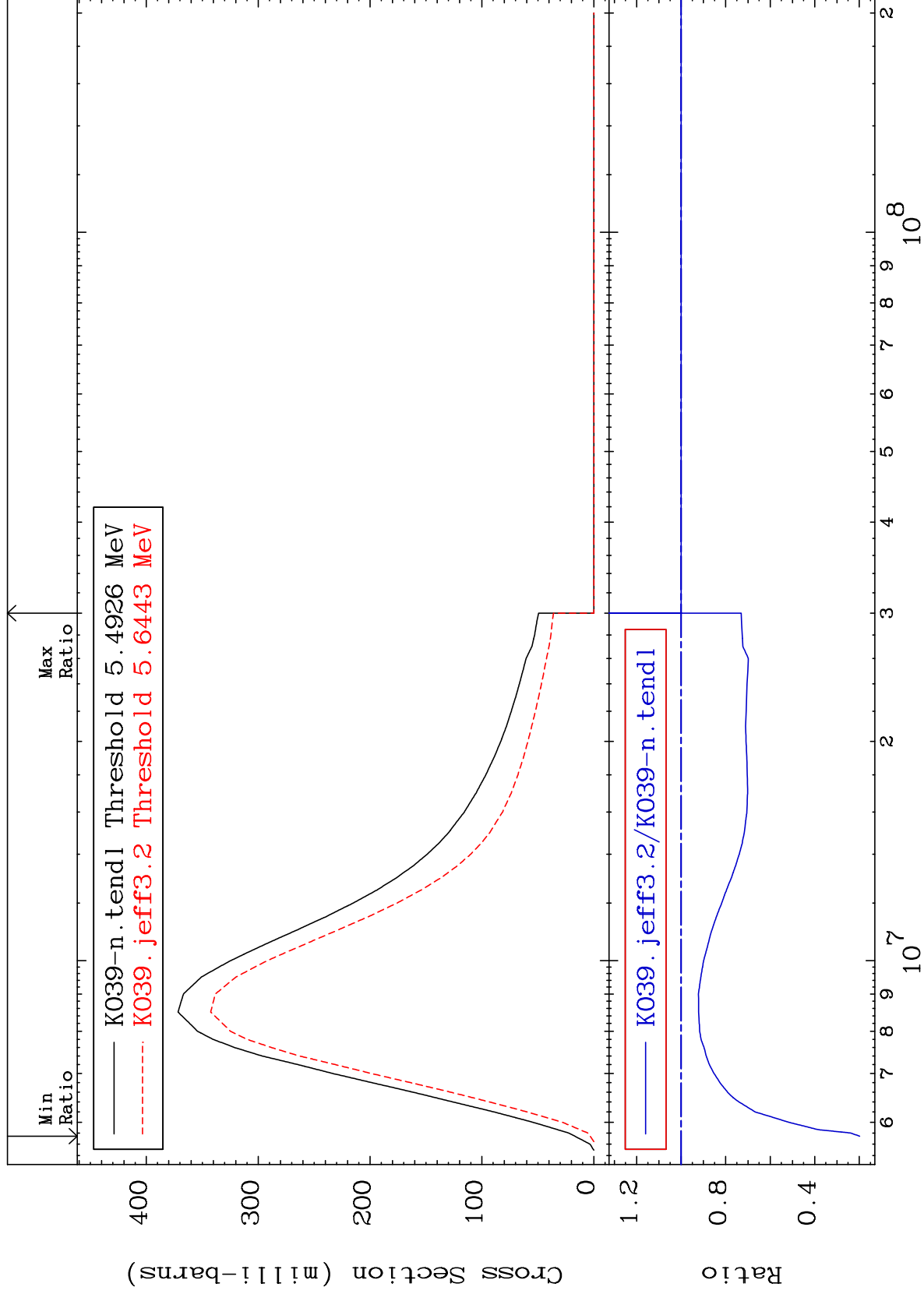
19-K -39

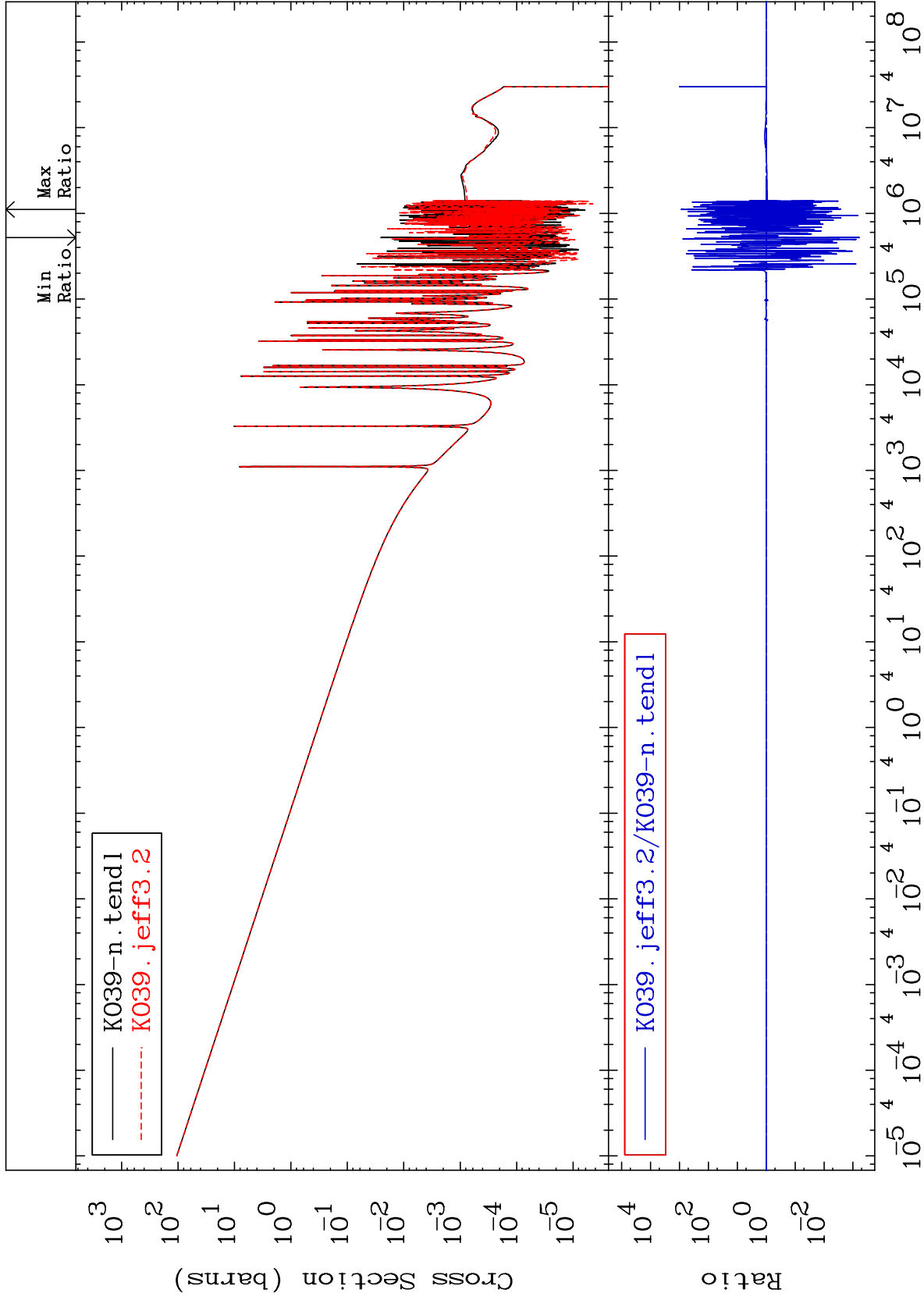


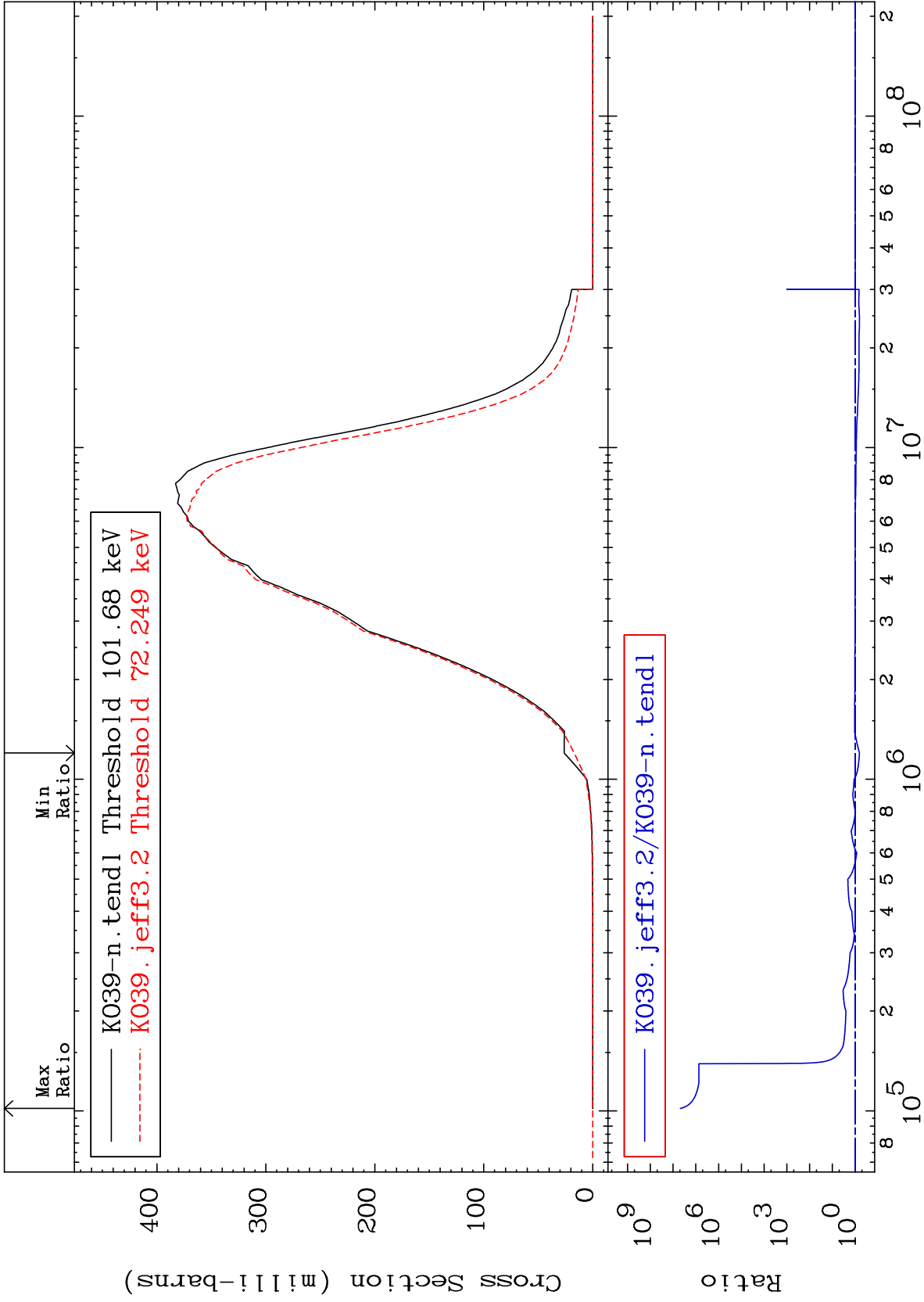








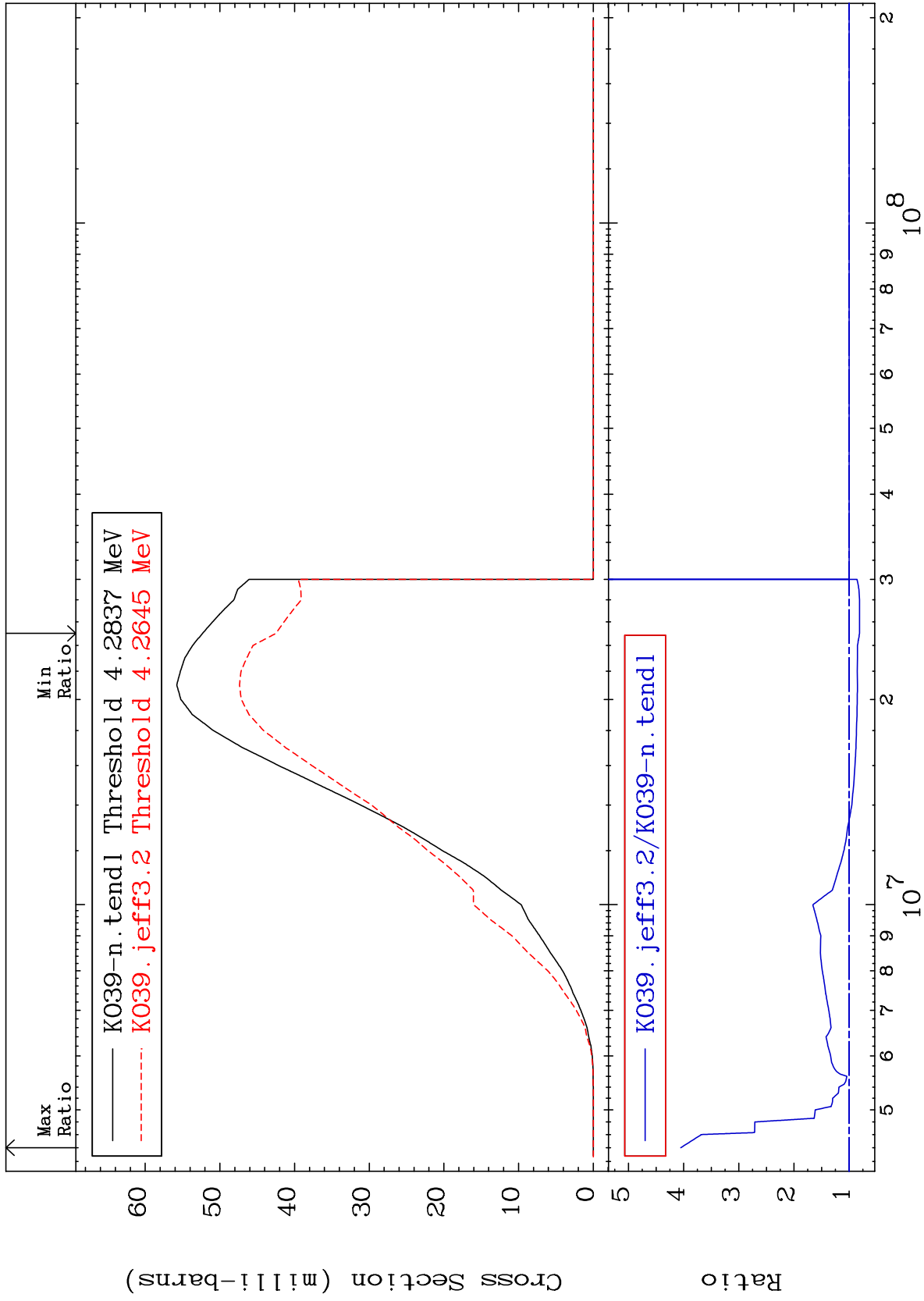




MAT 1925

(n, d)
Cross Section

19-K -39
-18.79 To 305.2 %



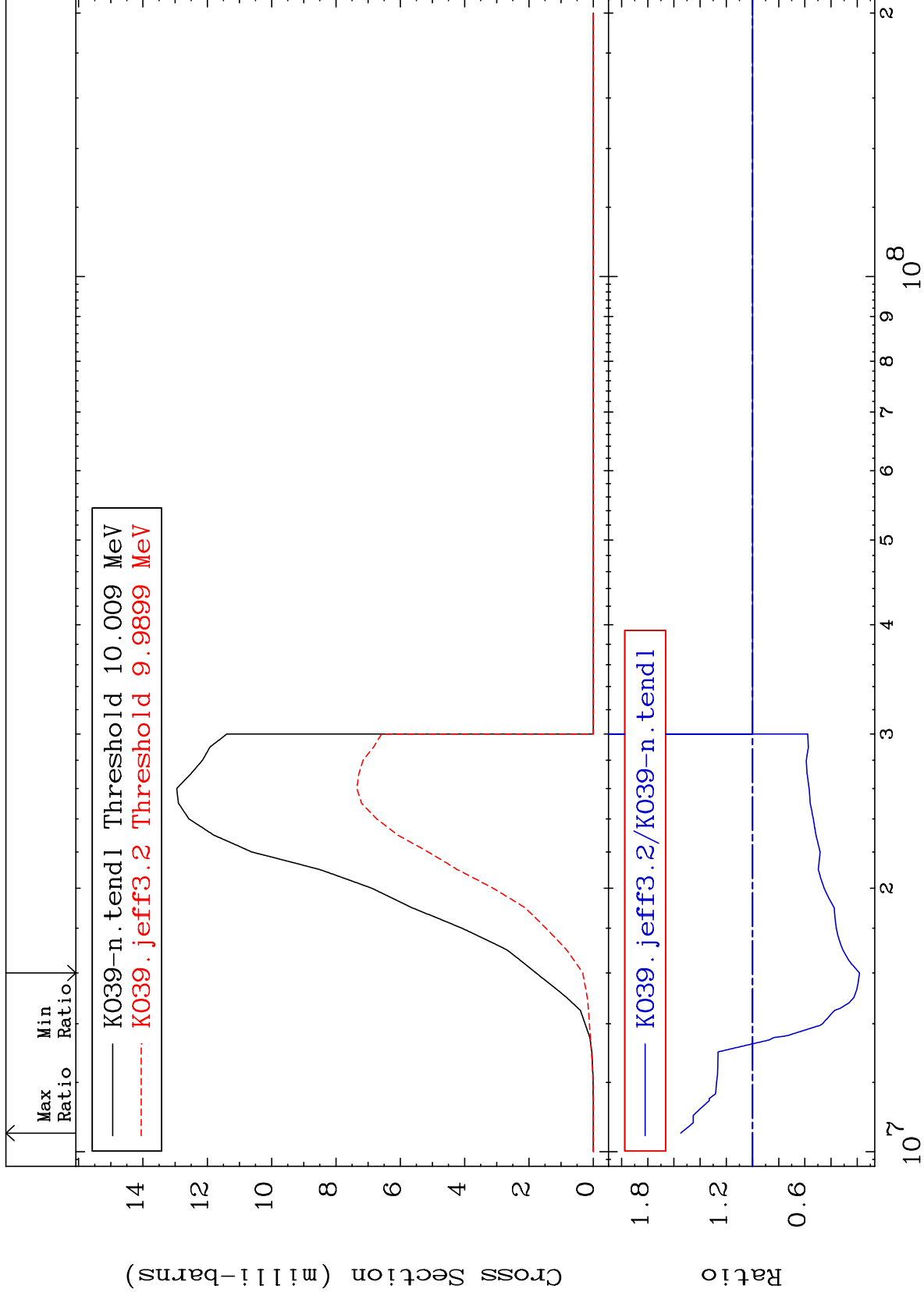
47

19-K -39

MAT 1925

(n, t)
Cross Section

19-K -39
-81.77 To 54.78 %



48

Incident Energy (eV)

19-K -39

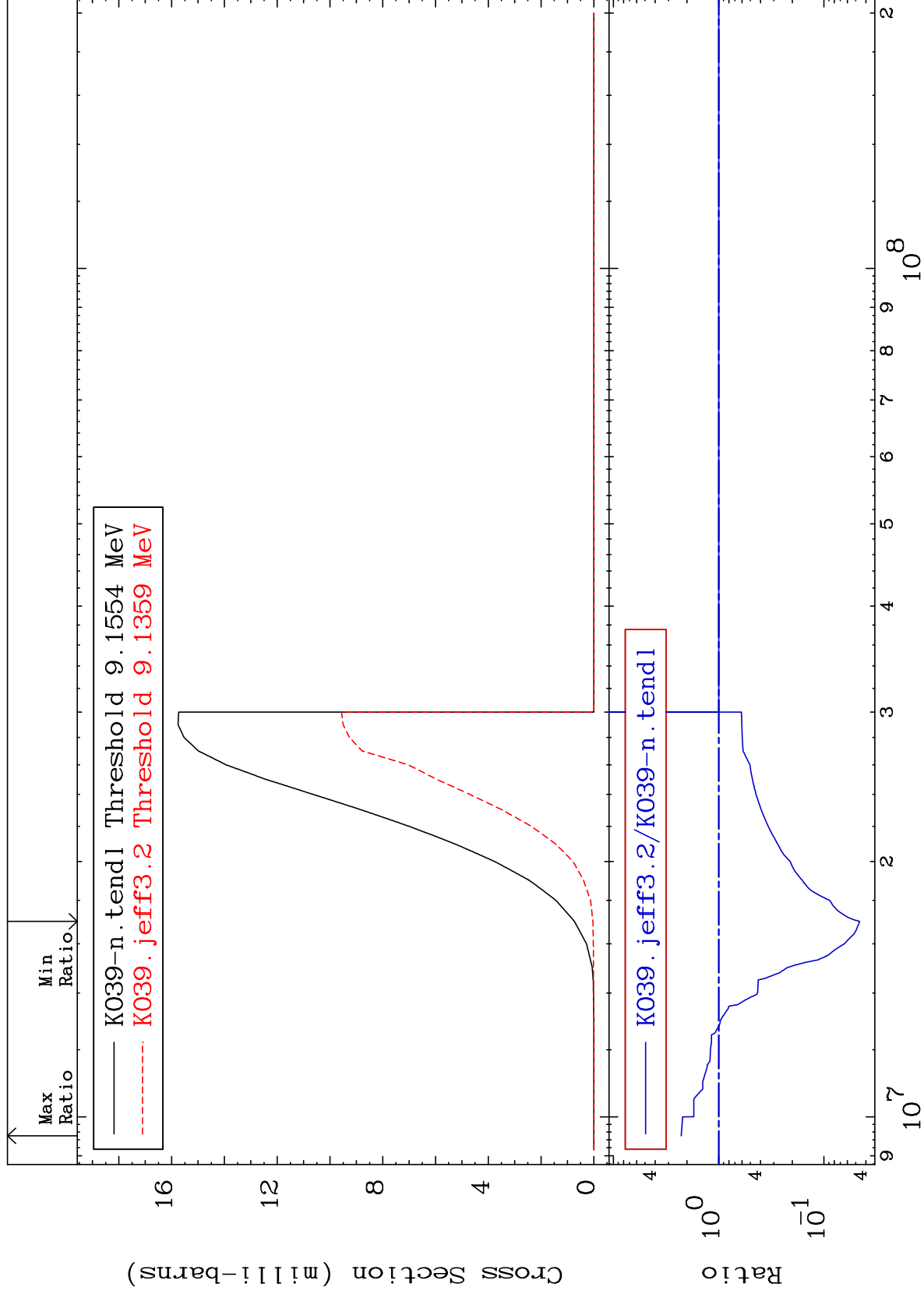
MAT 1925

(n, He-3)

19-K -39

Cross Section

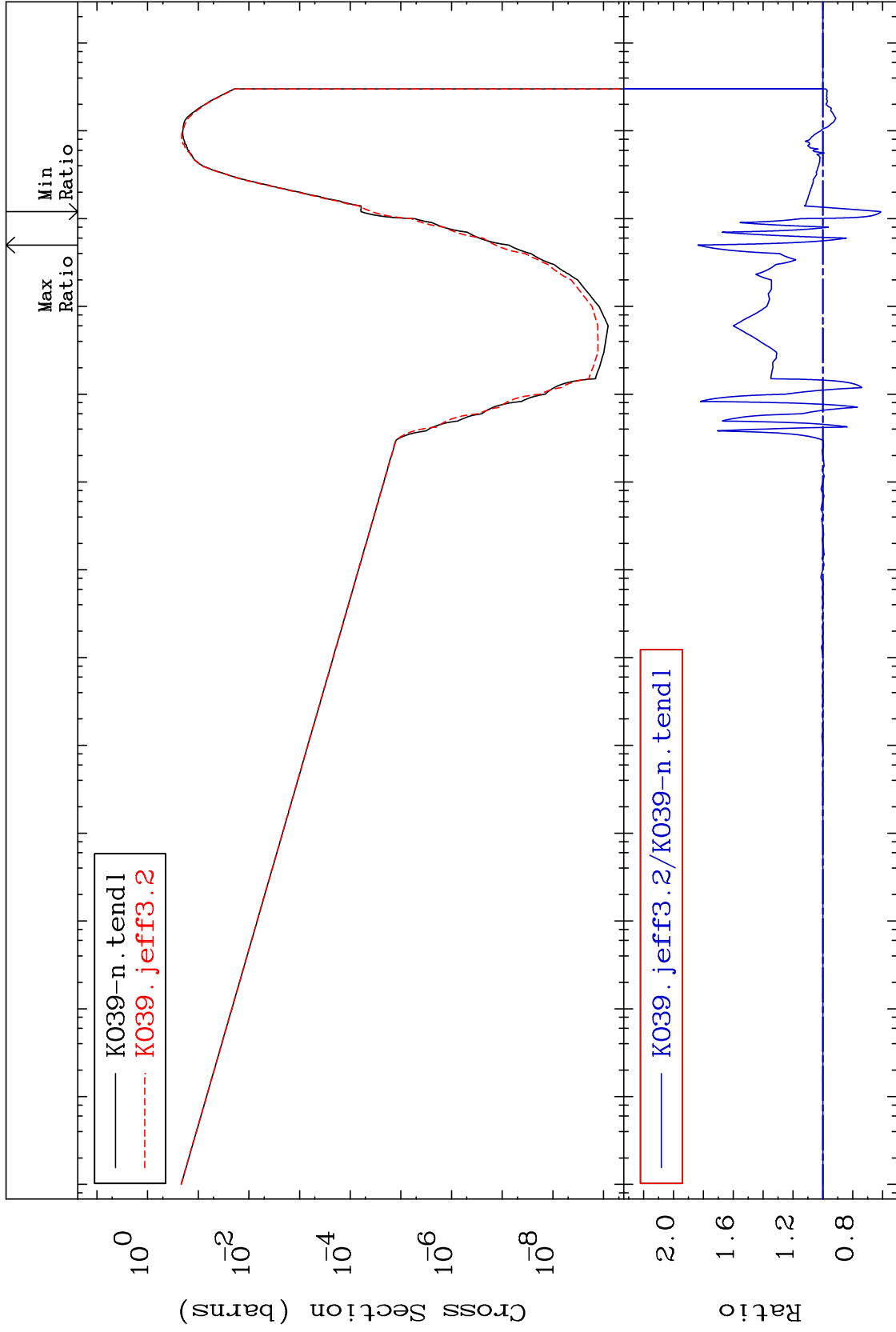
-95.41 To 126.9 %



49

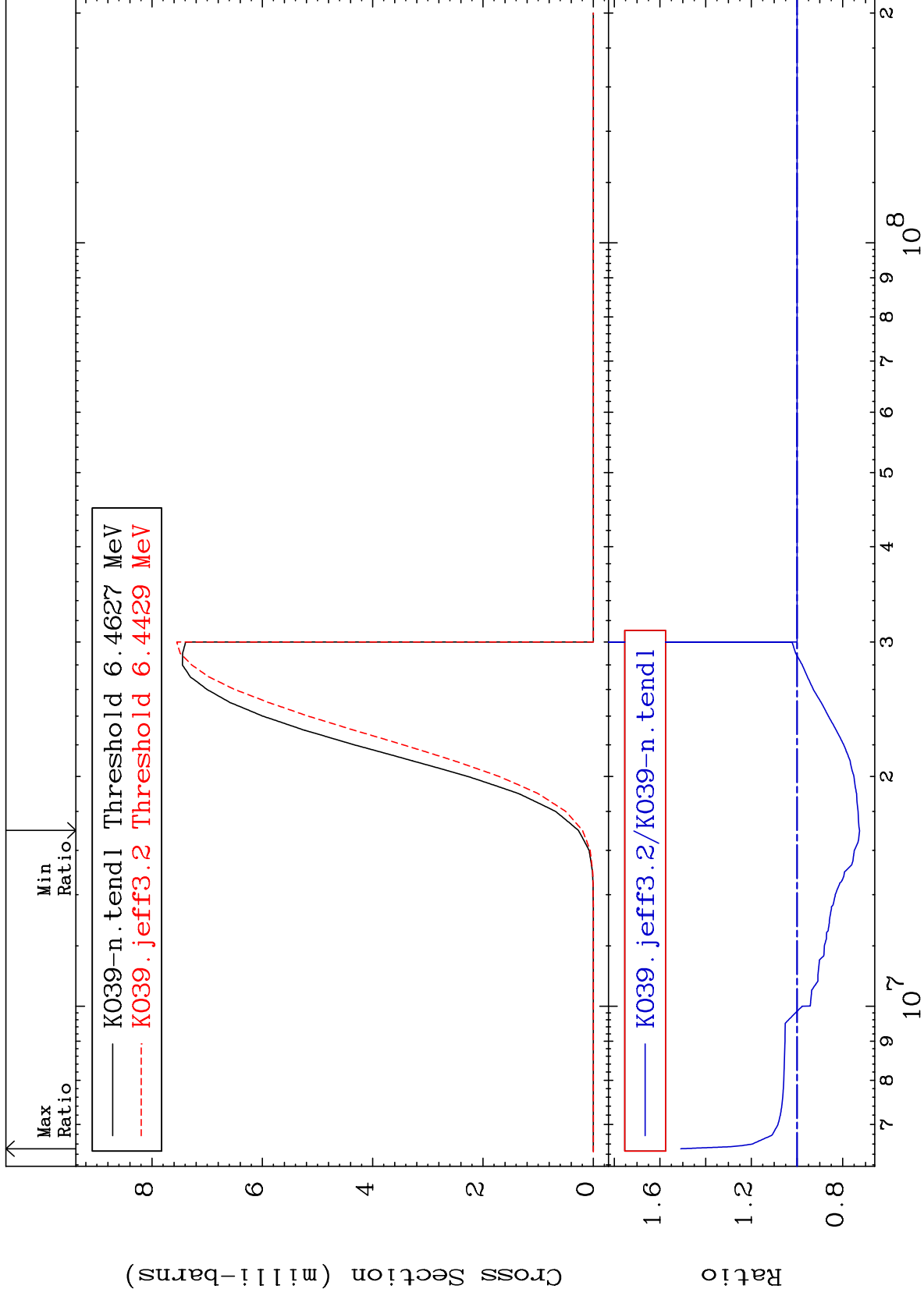
Incident Energy (eV)

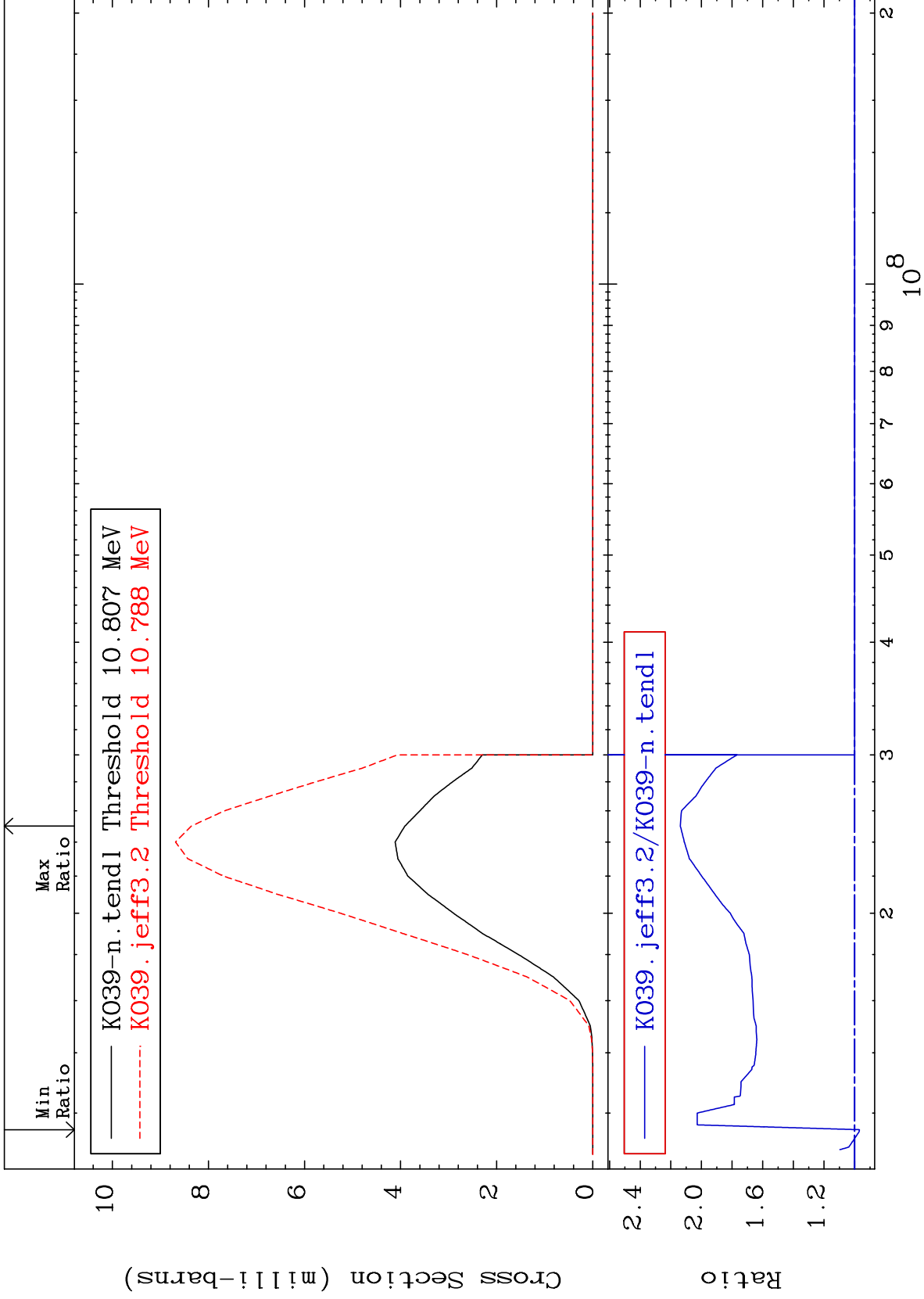
19-K -39



Cross Section

-27.36 To 50.88 %





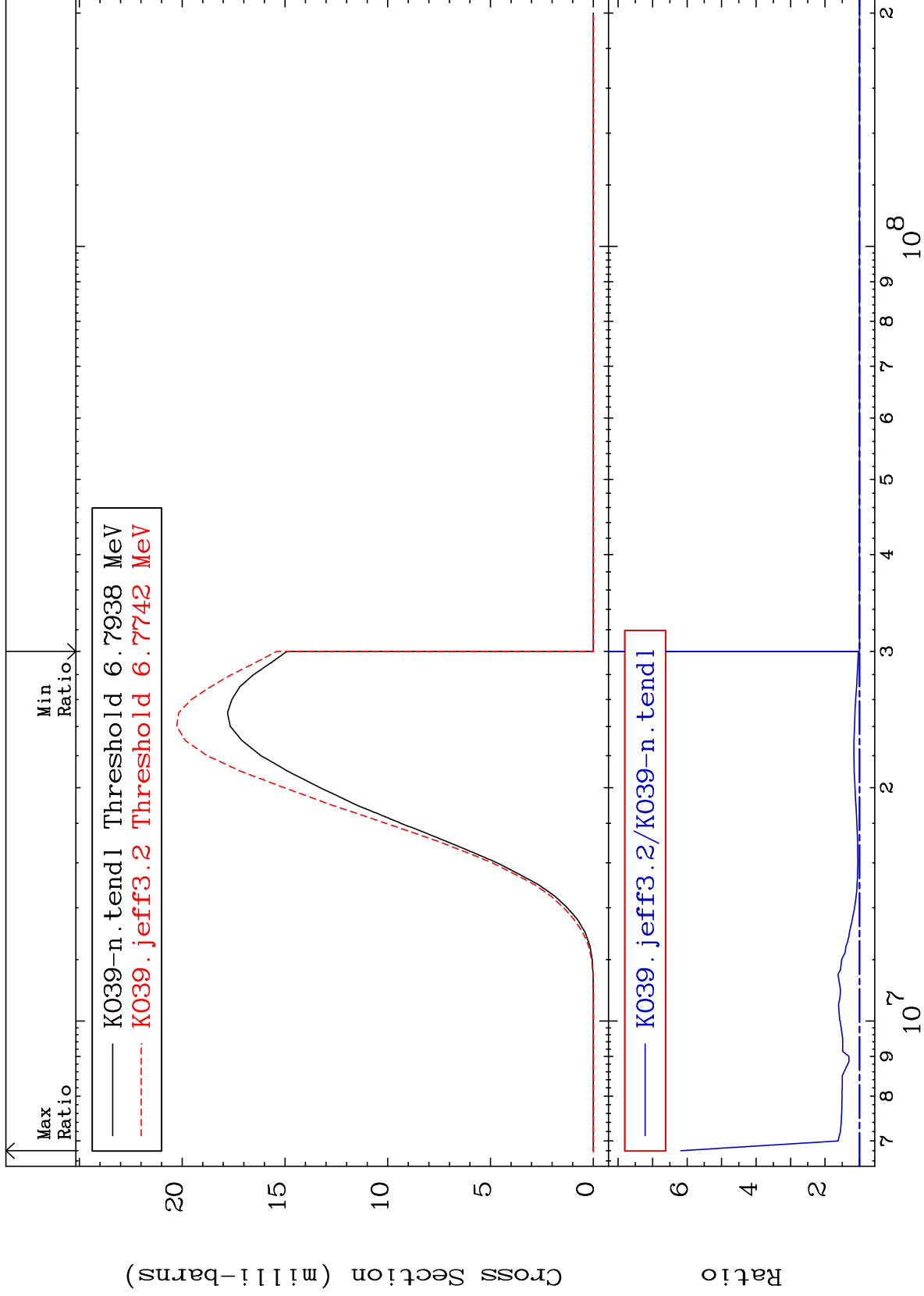
MAT 1925

(n,p) α

19-K -39

Cross Section

0.000 To 518.3 %



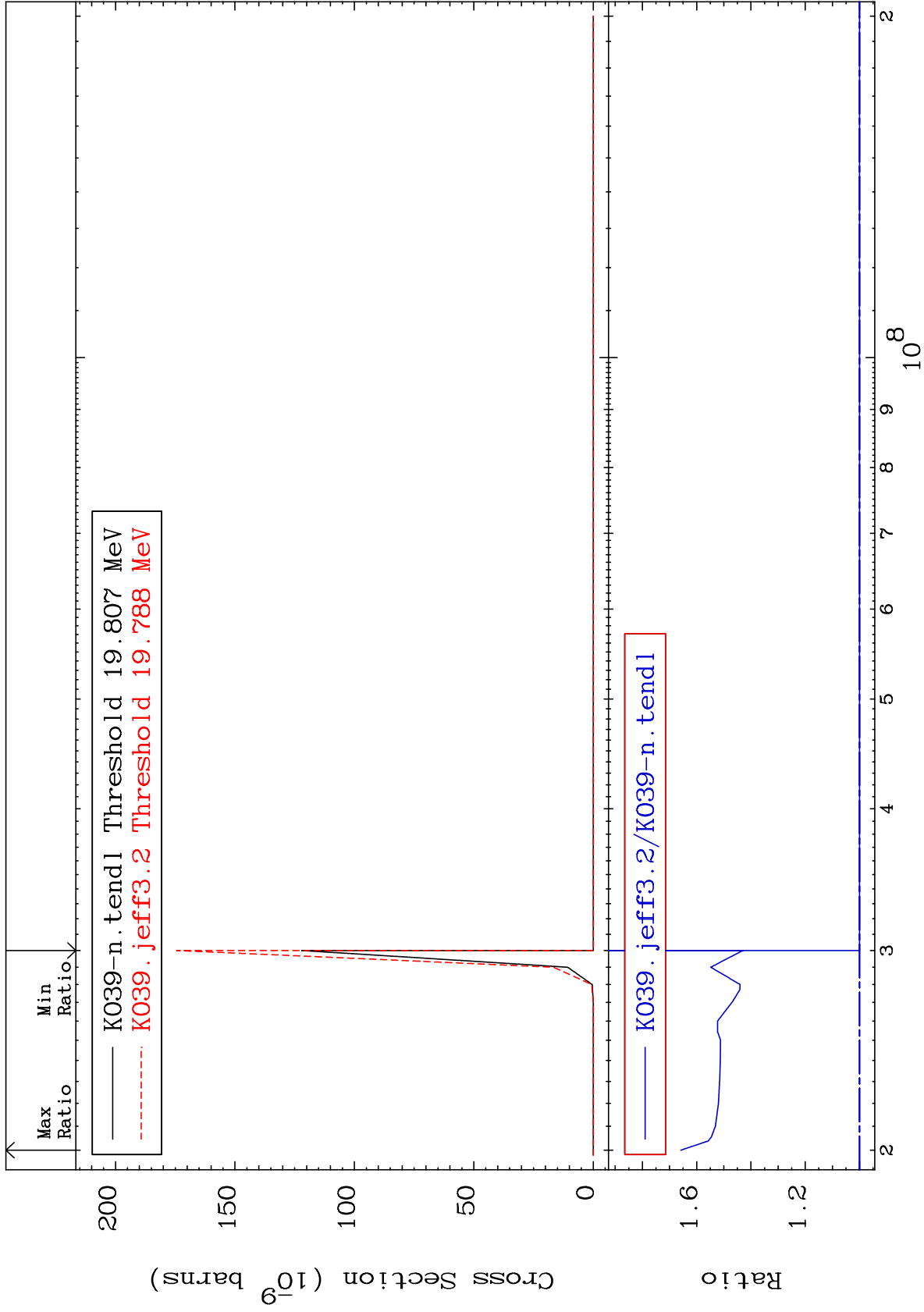
53

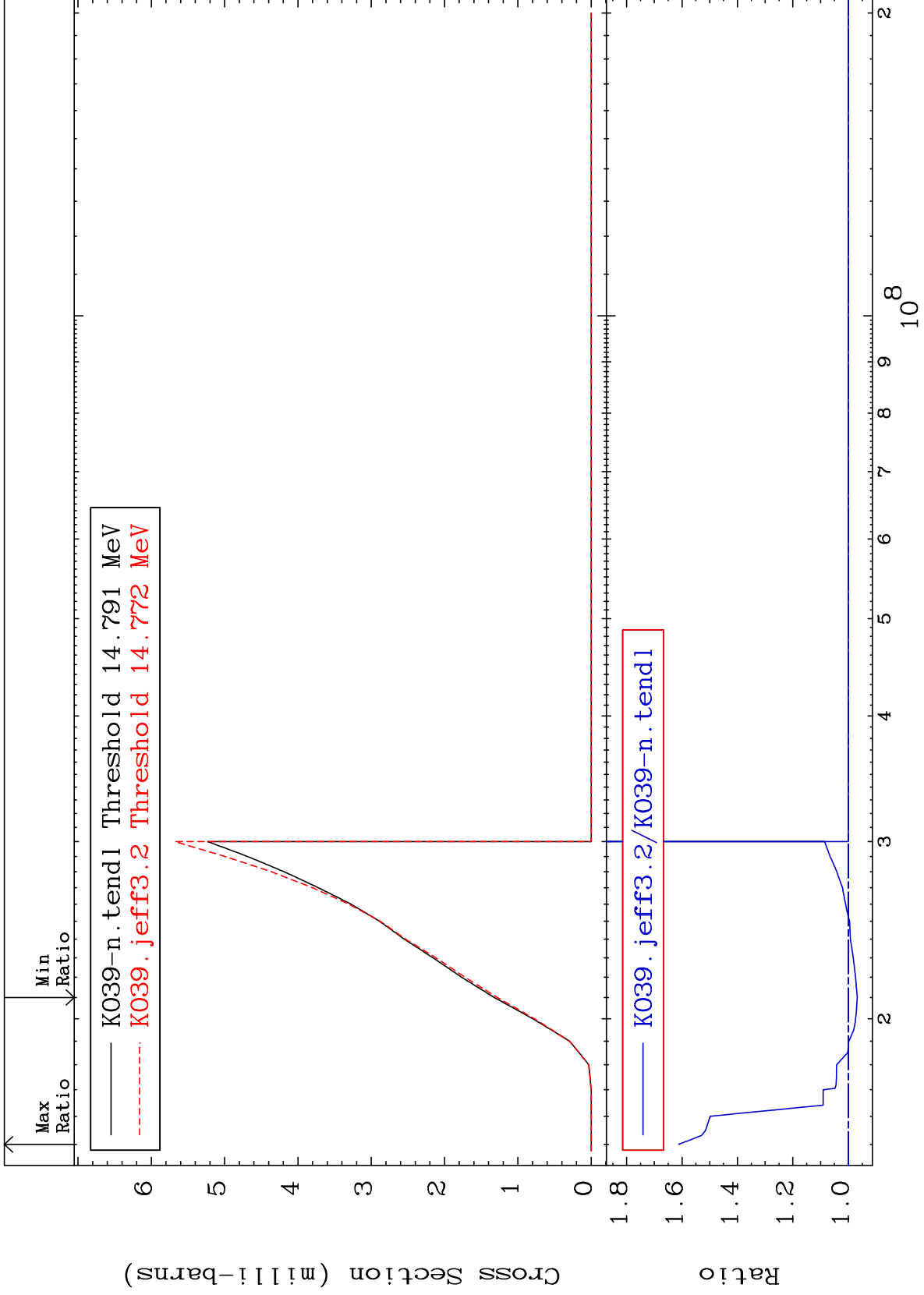
19-K -39

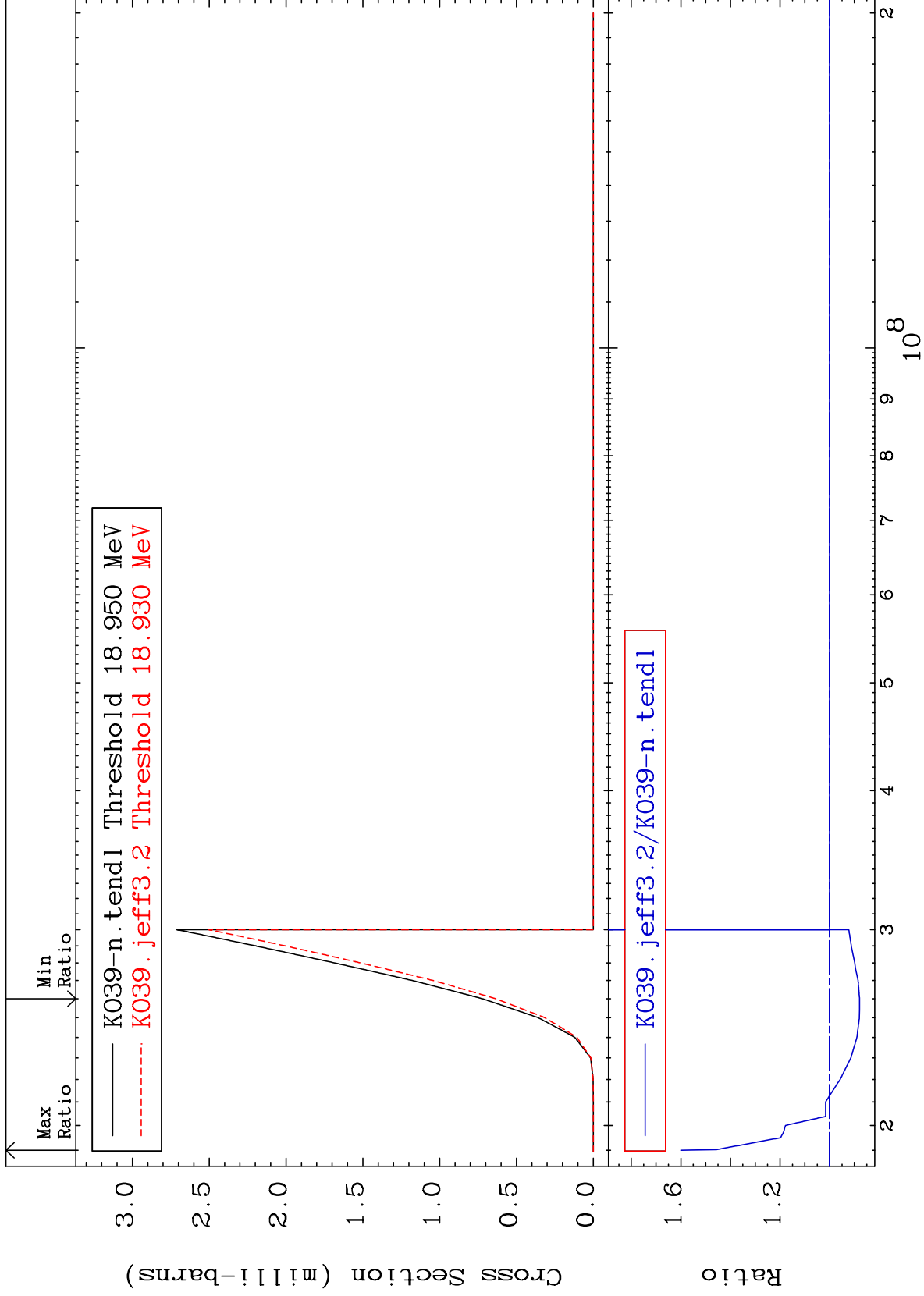
MAT 1925

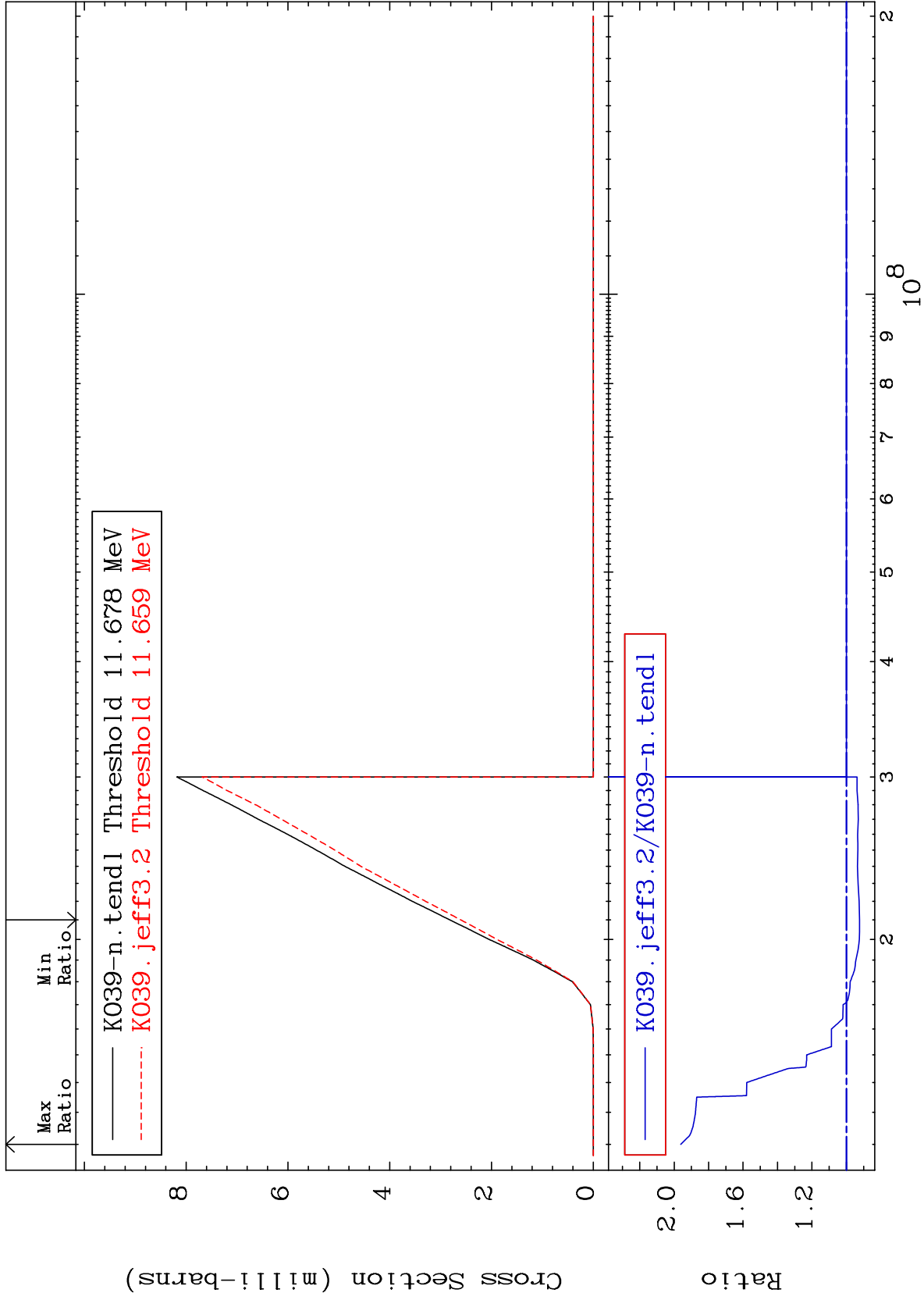
(n, d) 2α
Cross Section

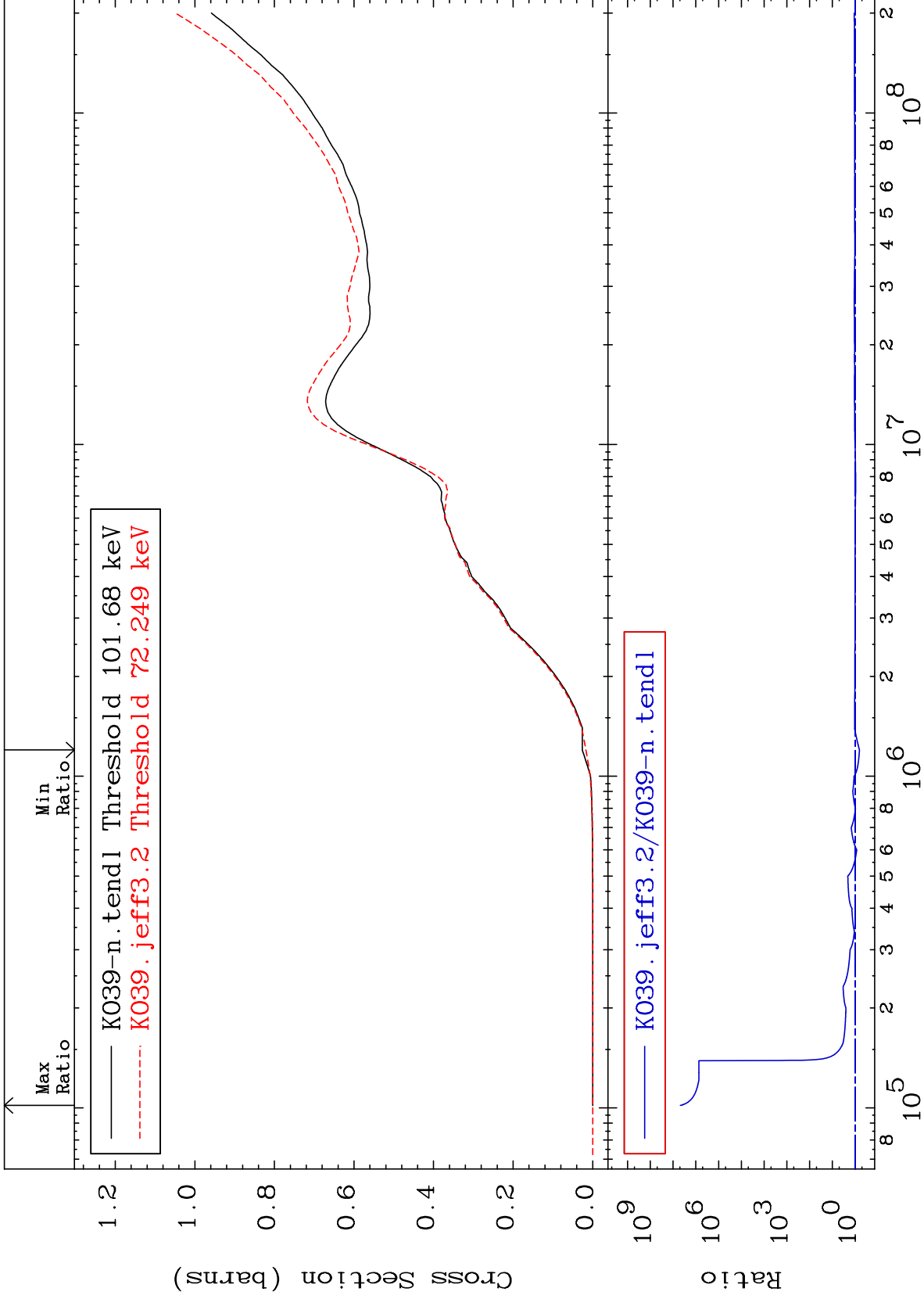
19-K -39
0.000 To 65.86 %

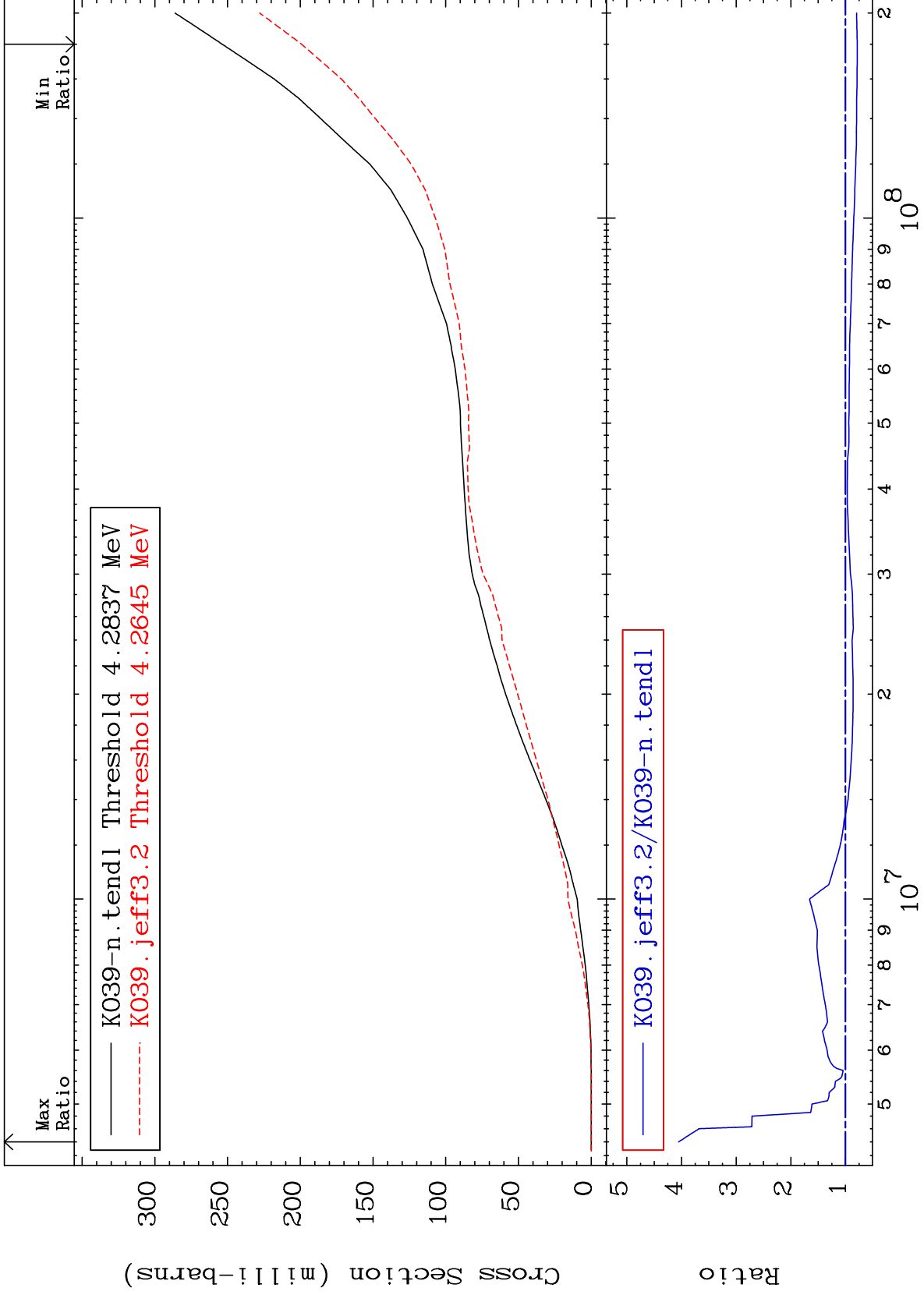








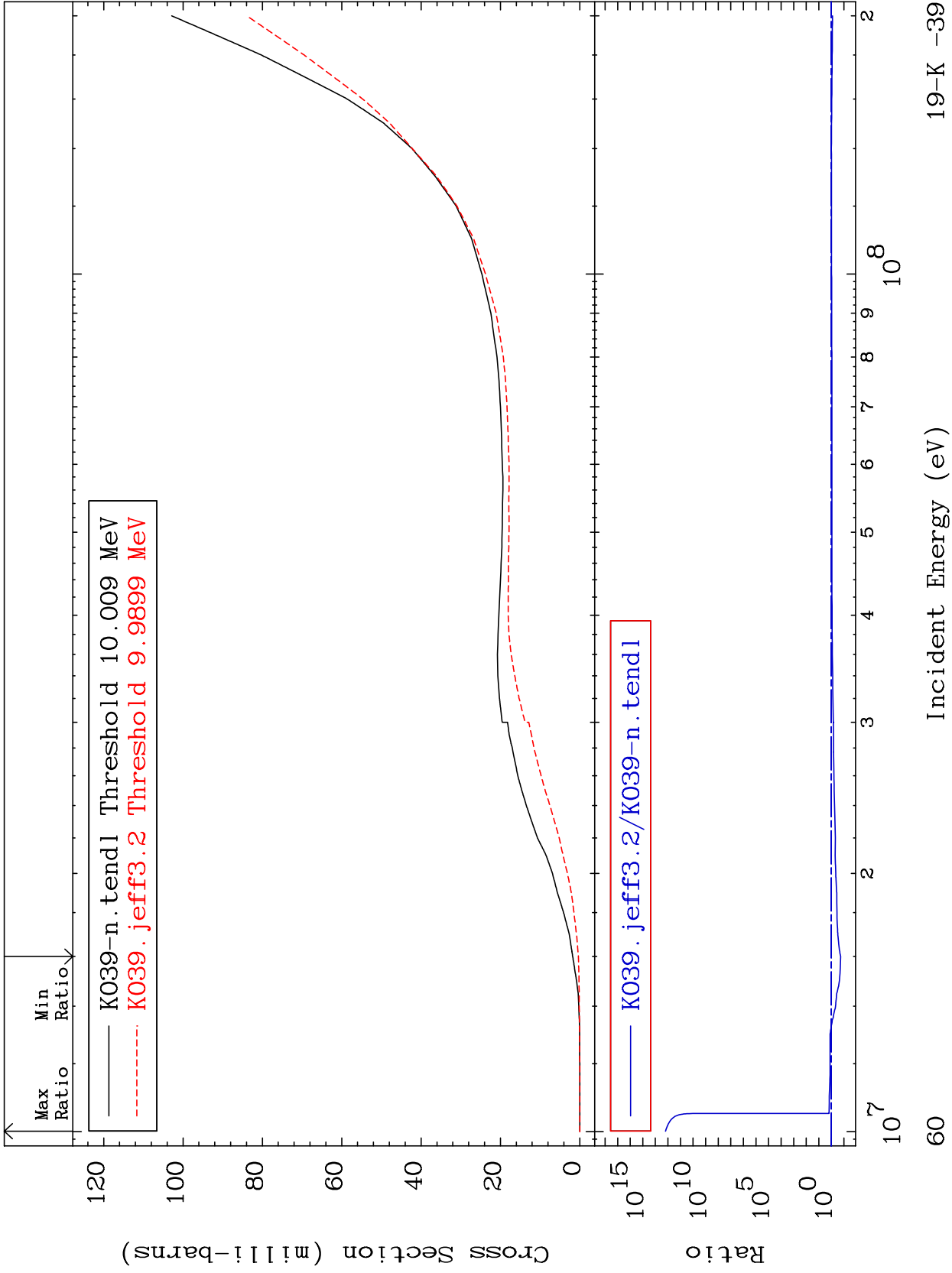




MAT 1925

Tritium Production
Cross Section

19-K -39
-81.77 To 9999. %

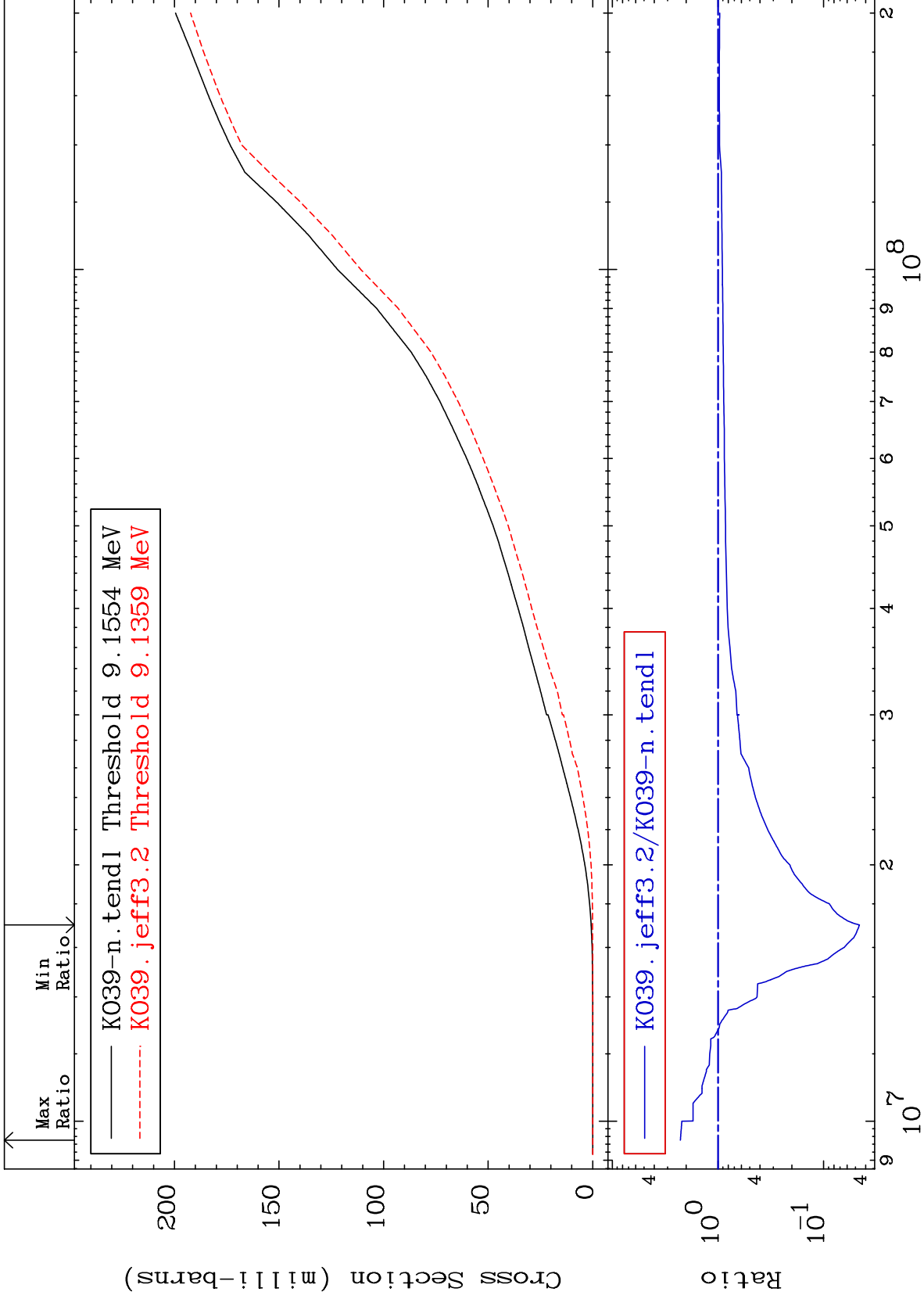


19-K -39

MAT 1925

He-3 Production
Cross Section

19-K -39
-95.41 To 126.9 %



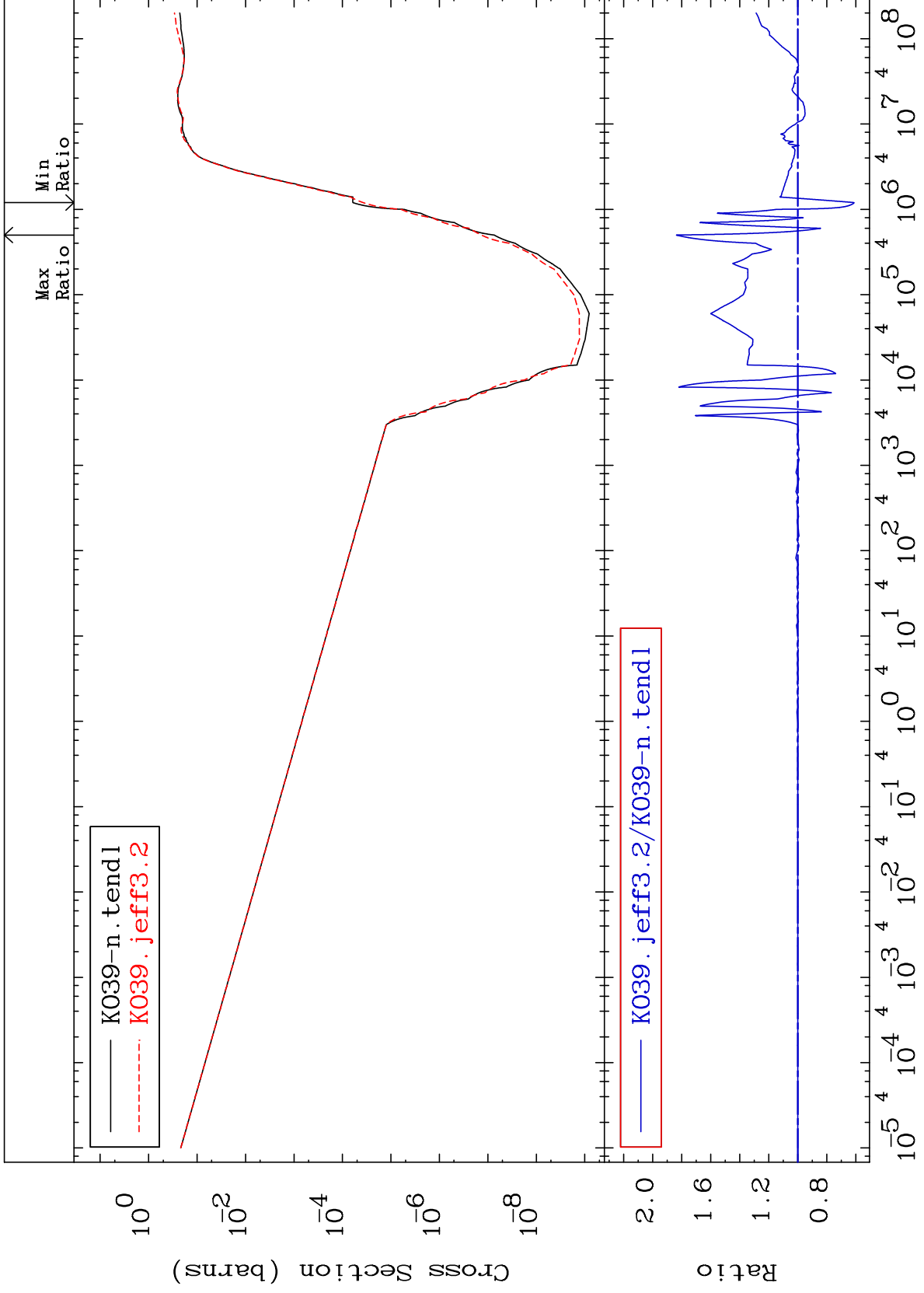
61

19-K -39

MAT 1925

He-4 Production
Cross Section

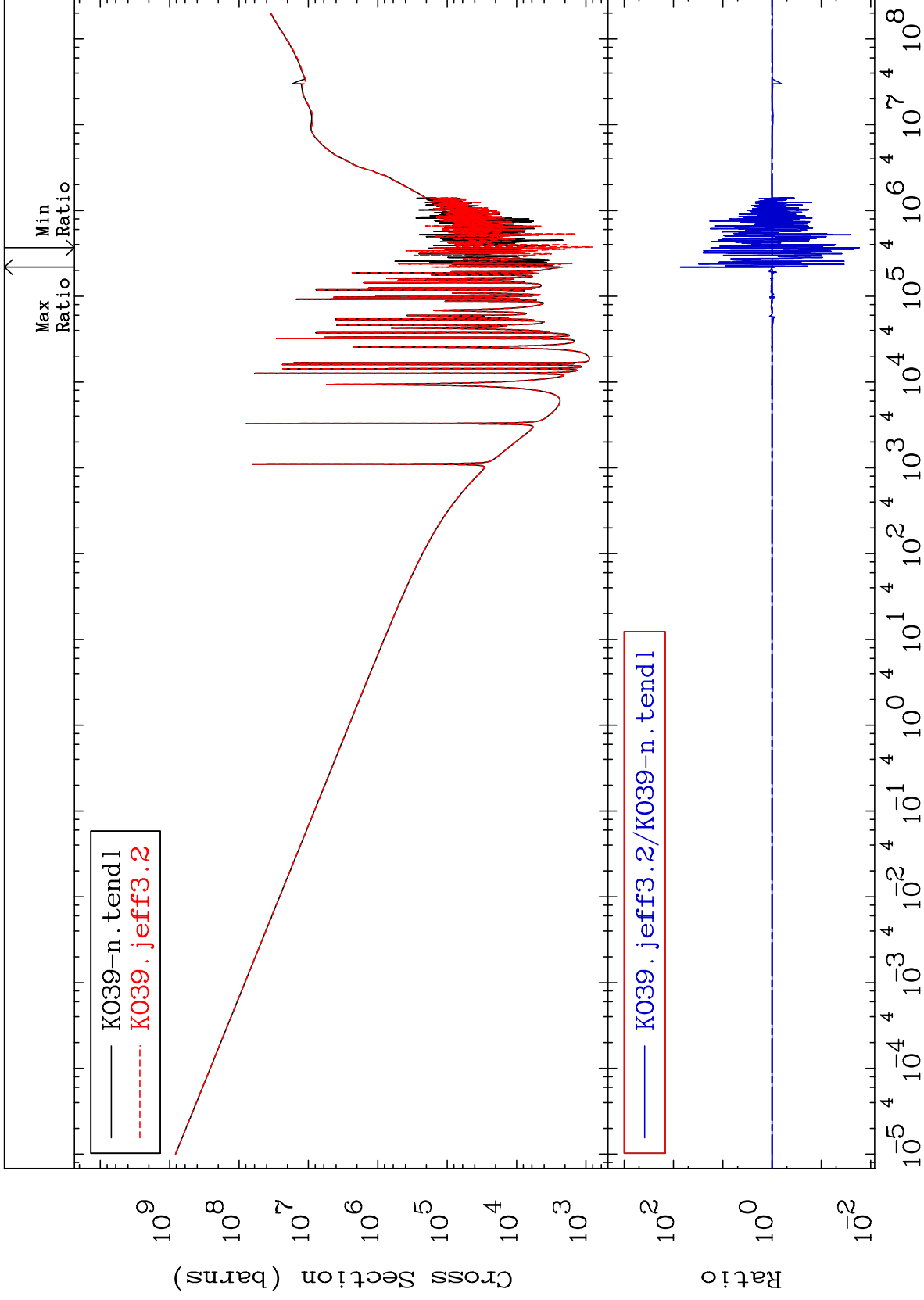
19-K -39
-39.07 To 83.66 %

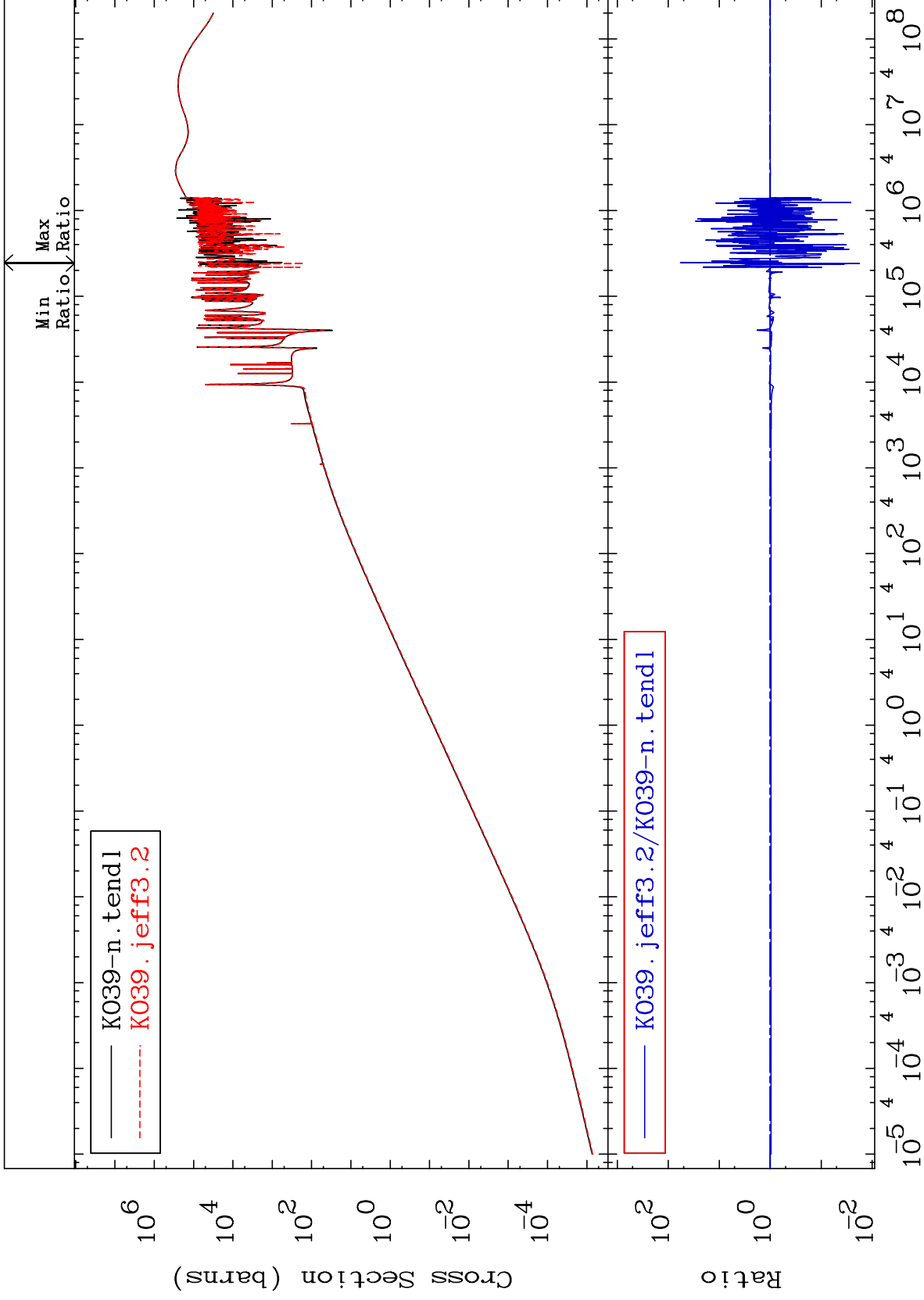


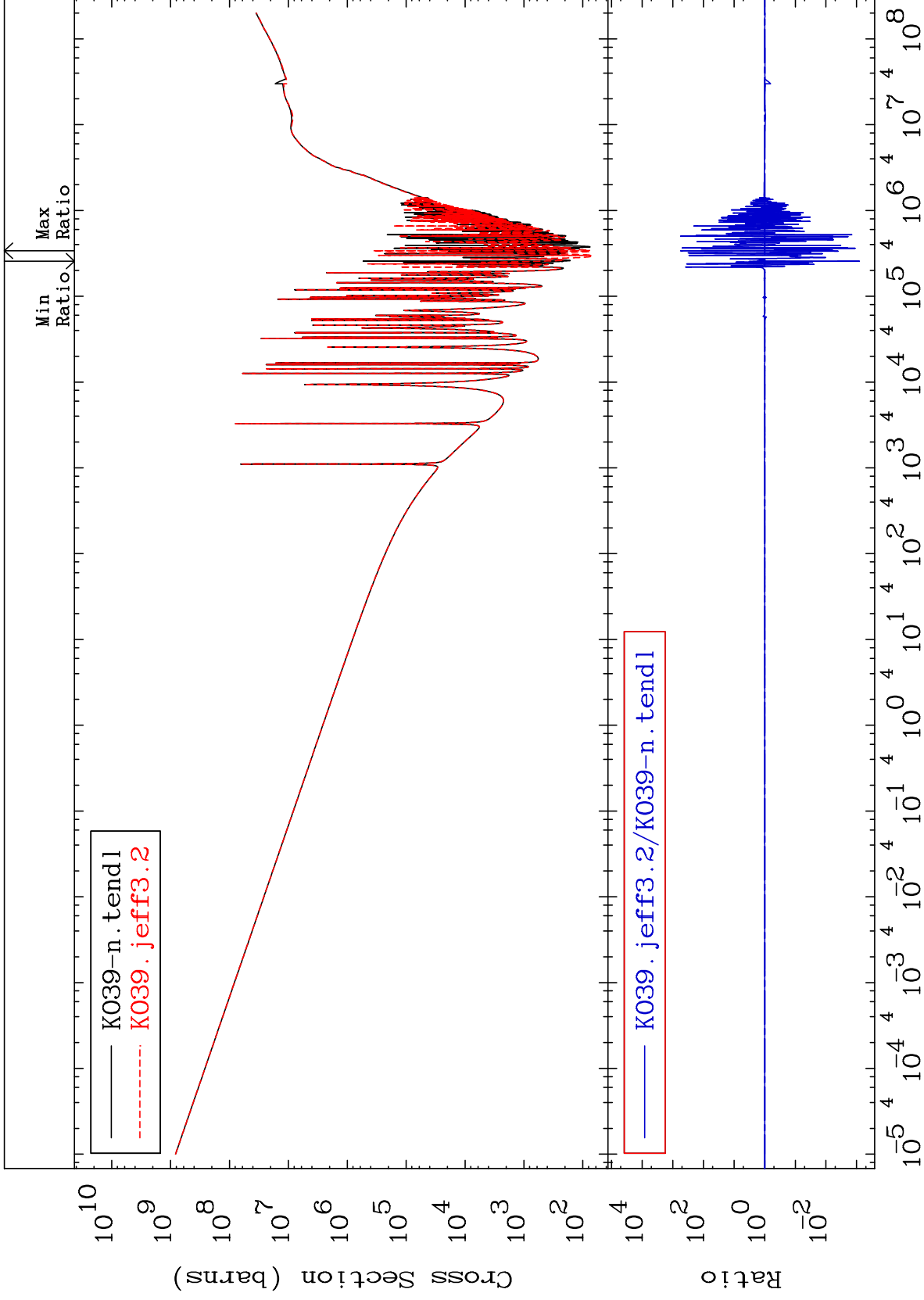
62

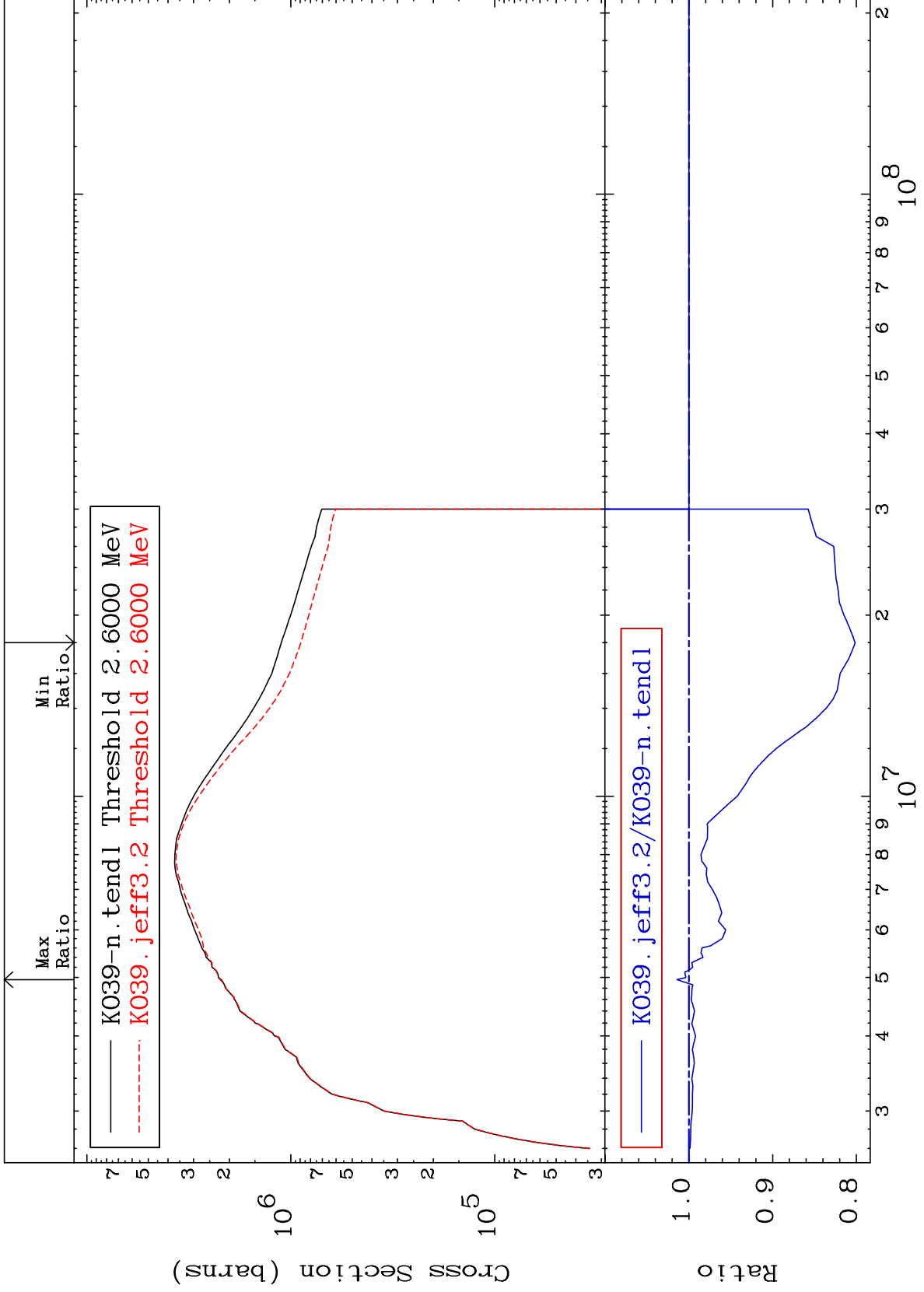
Incident Energy (eV)

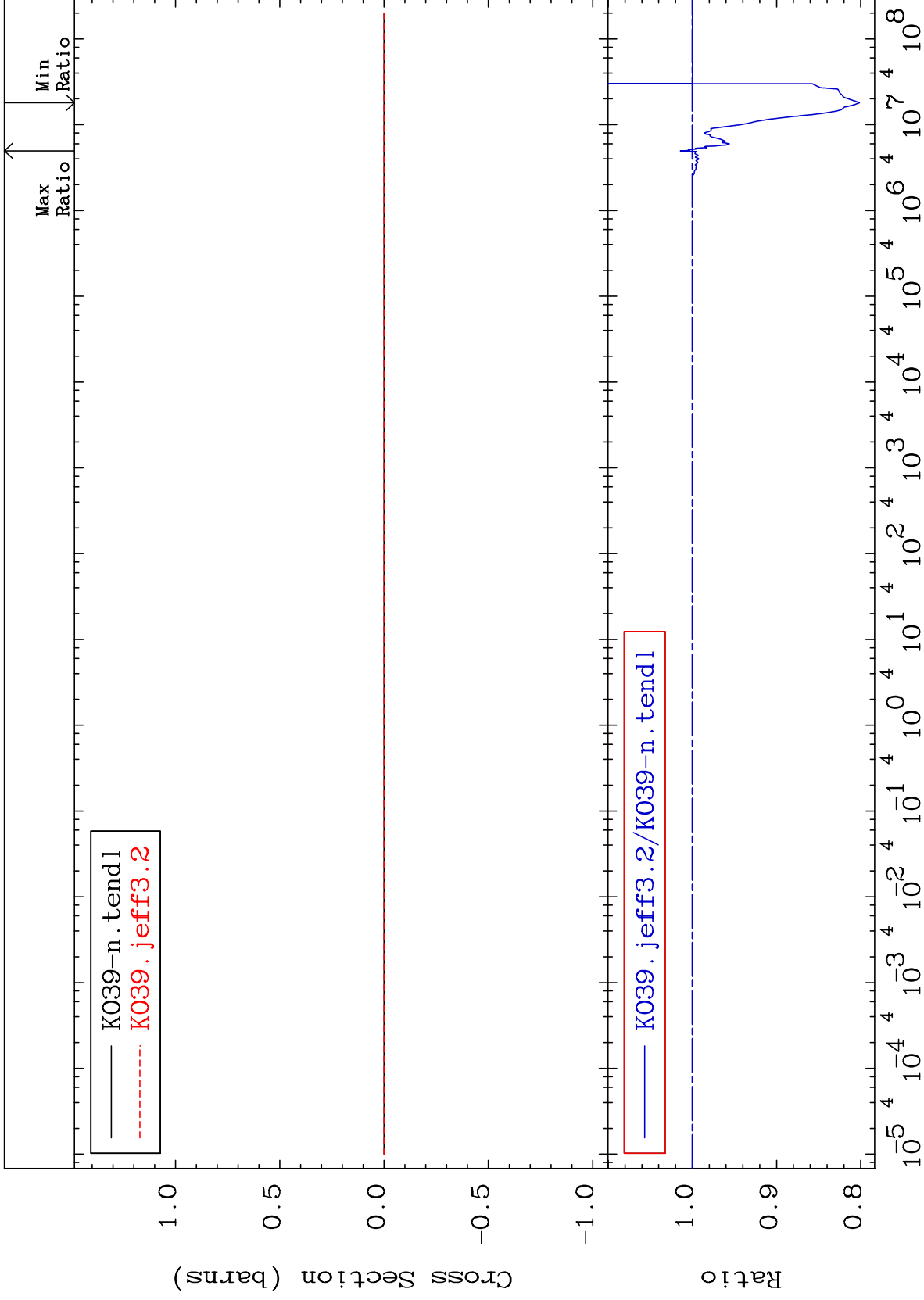
19-K -39

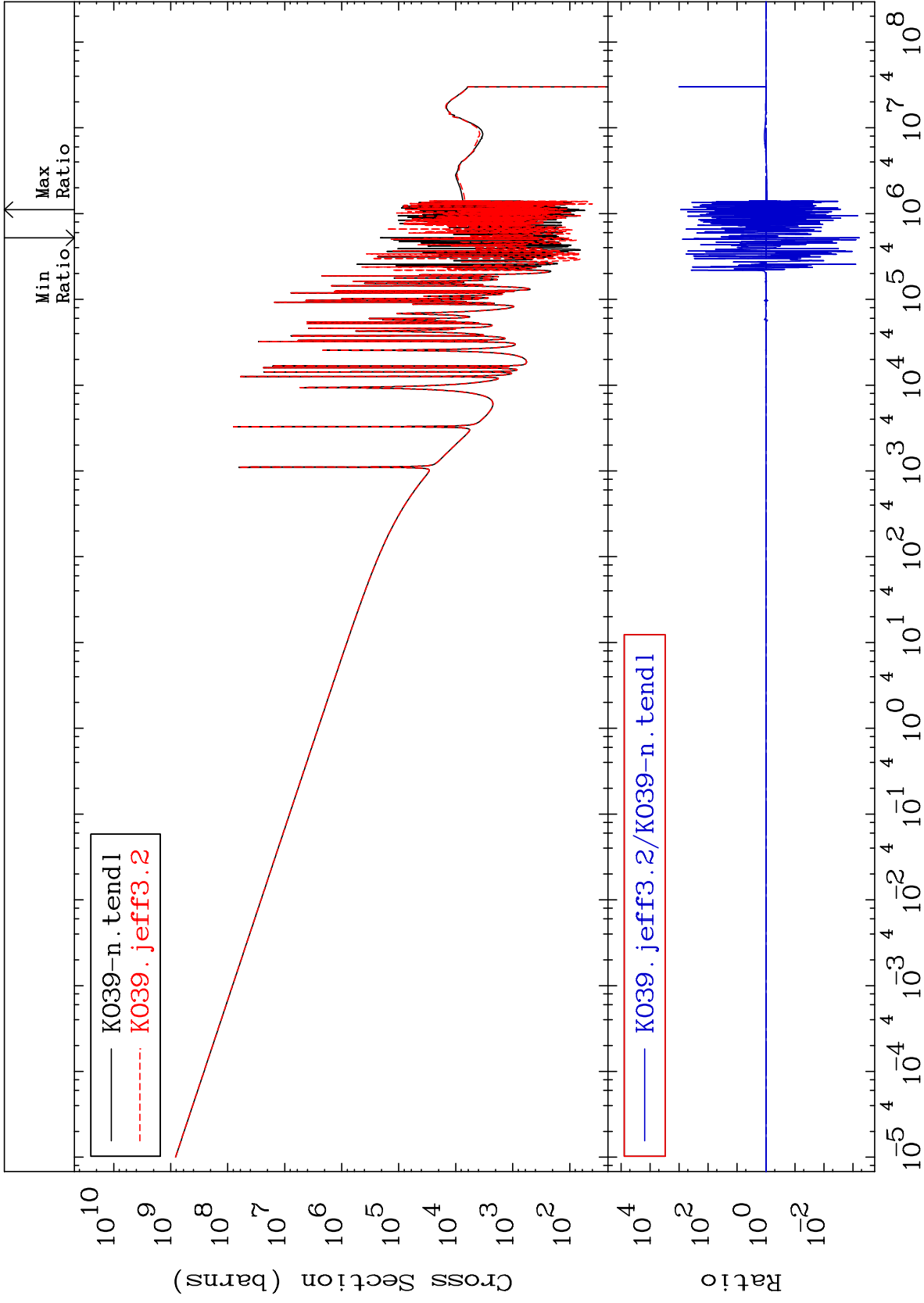


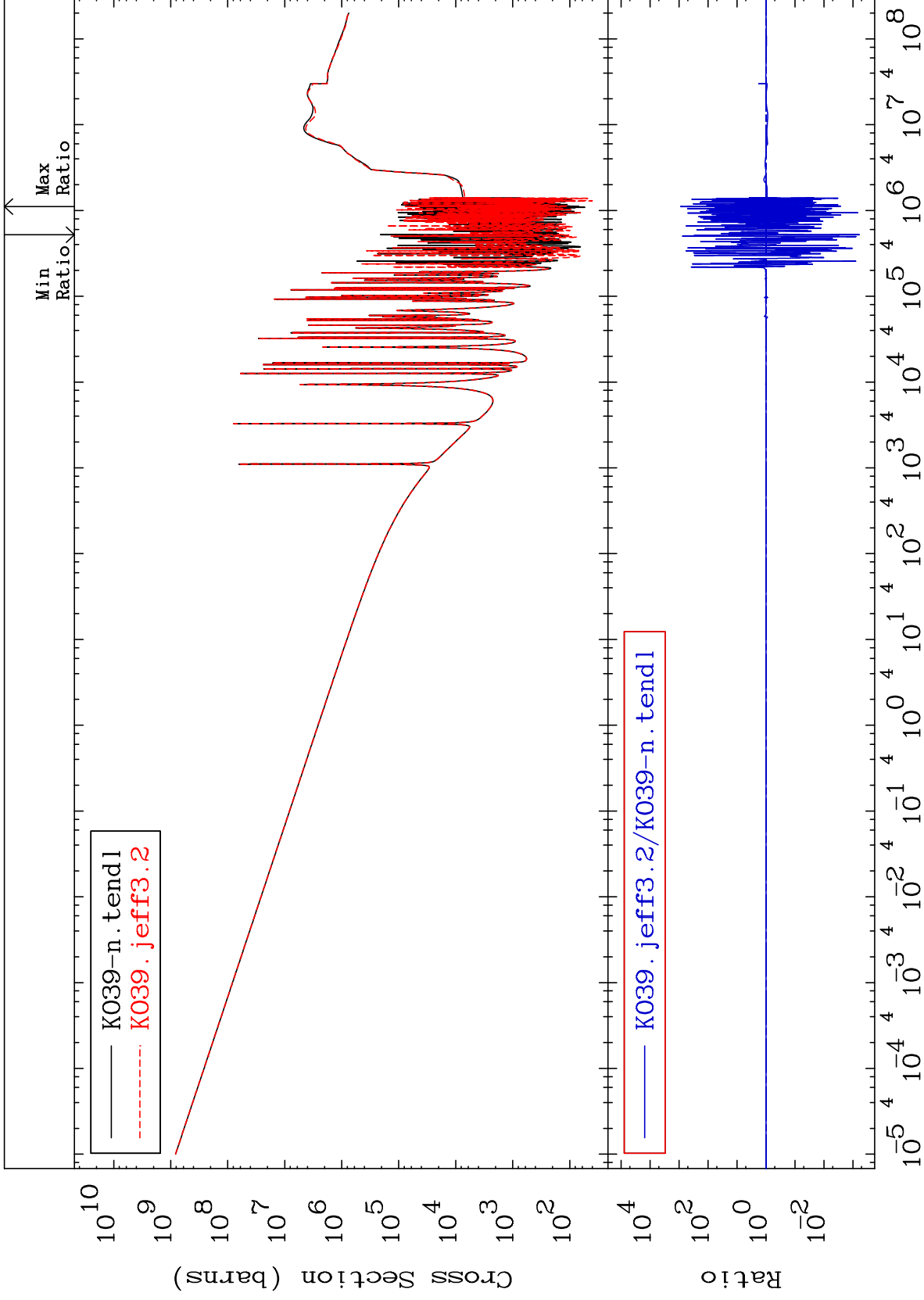


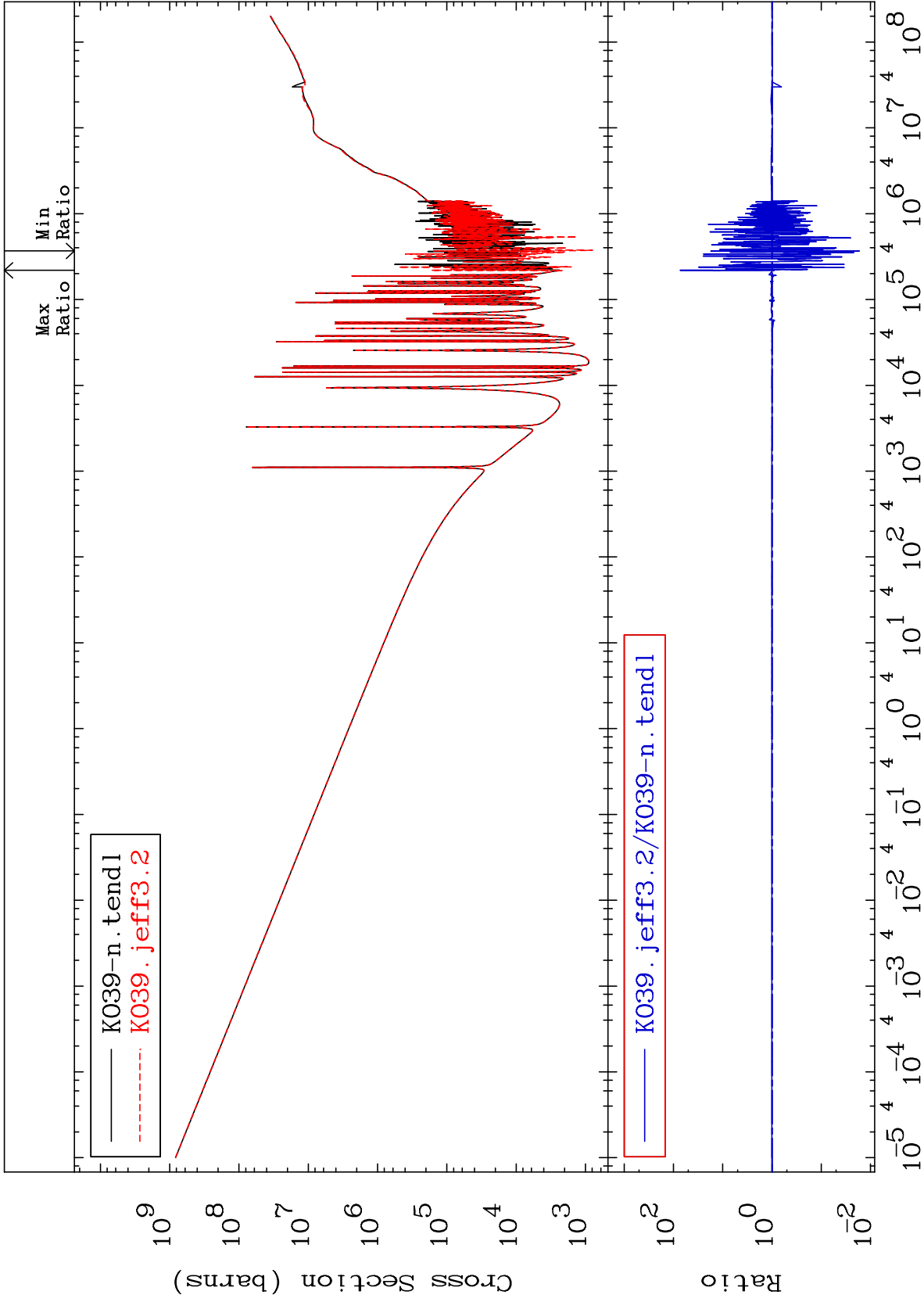


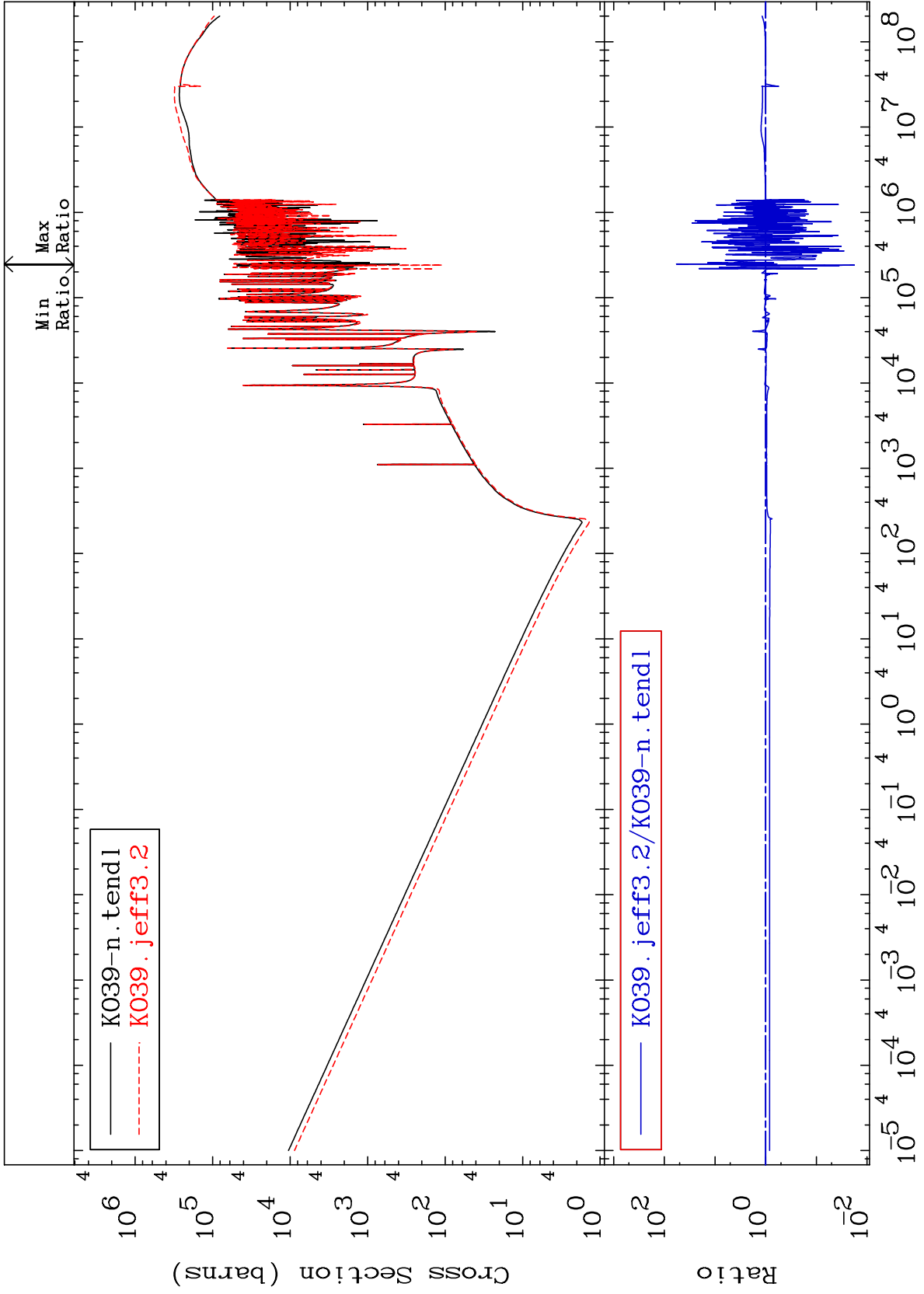


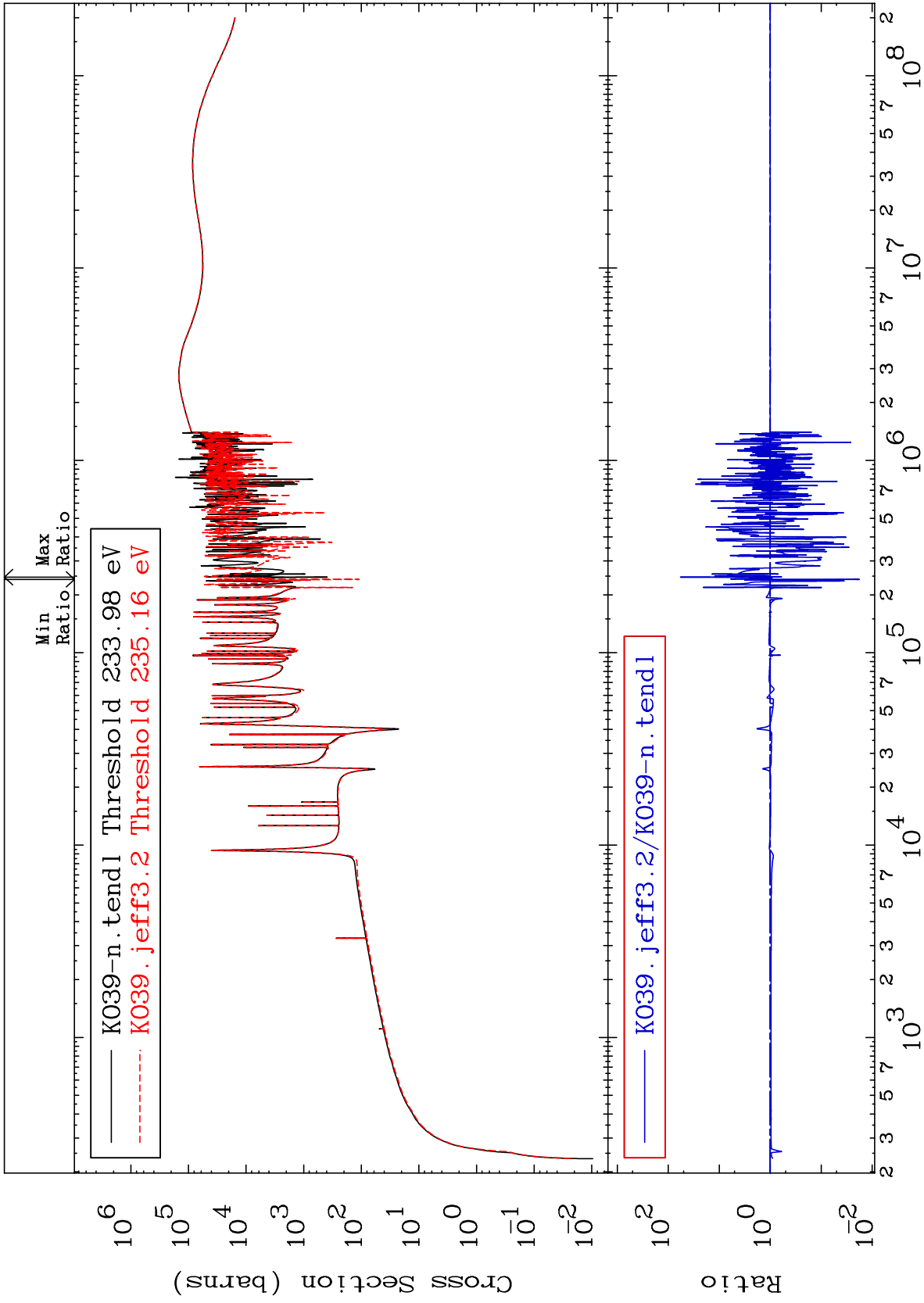


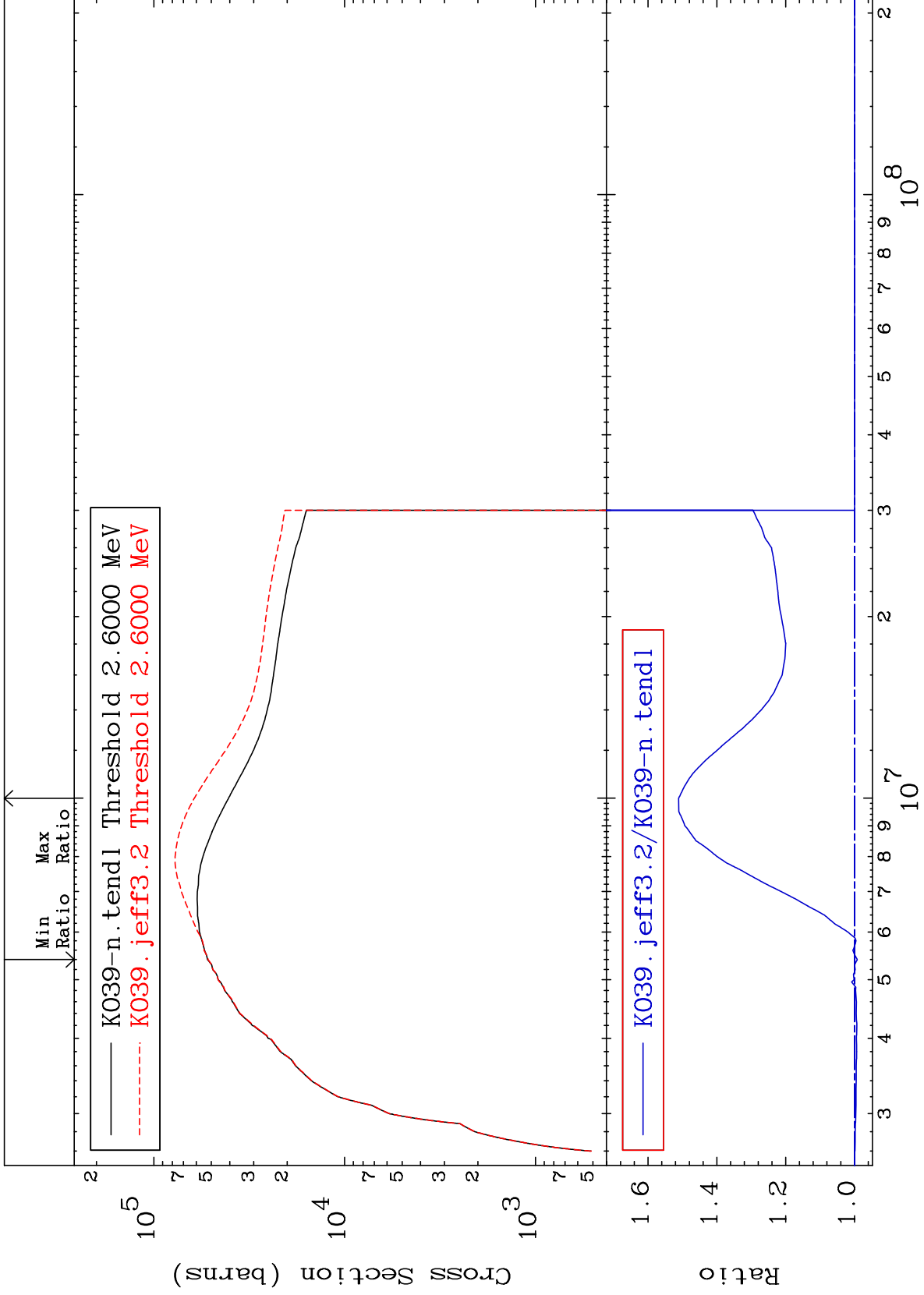


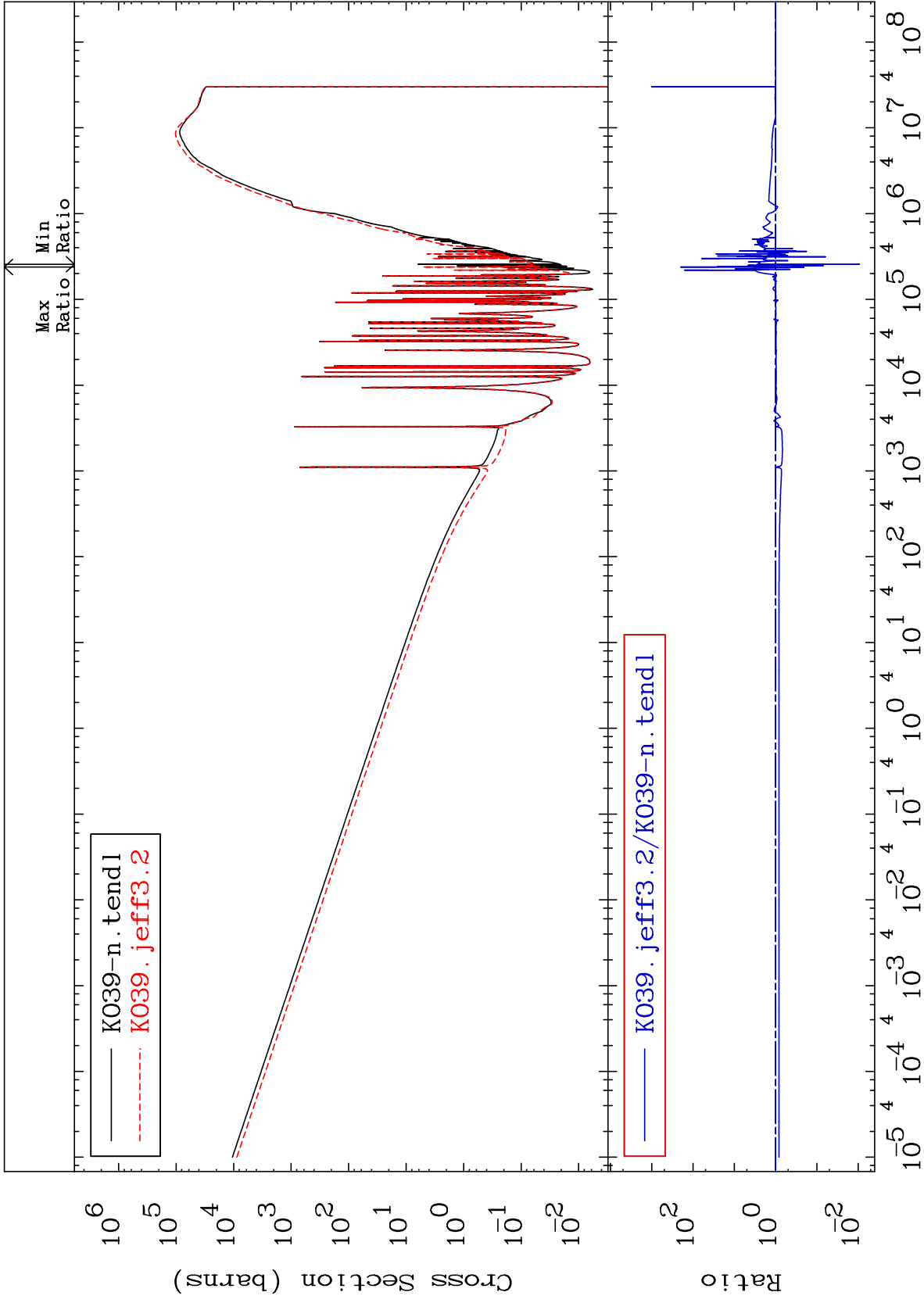




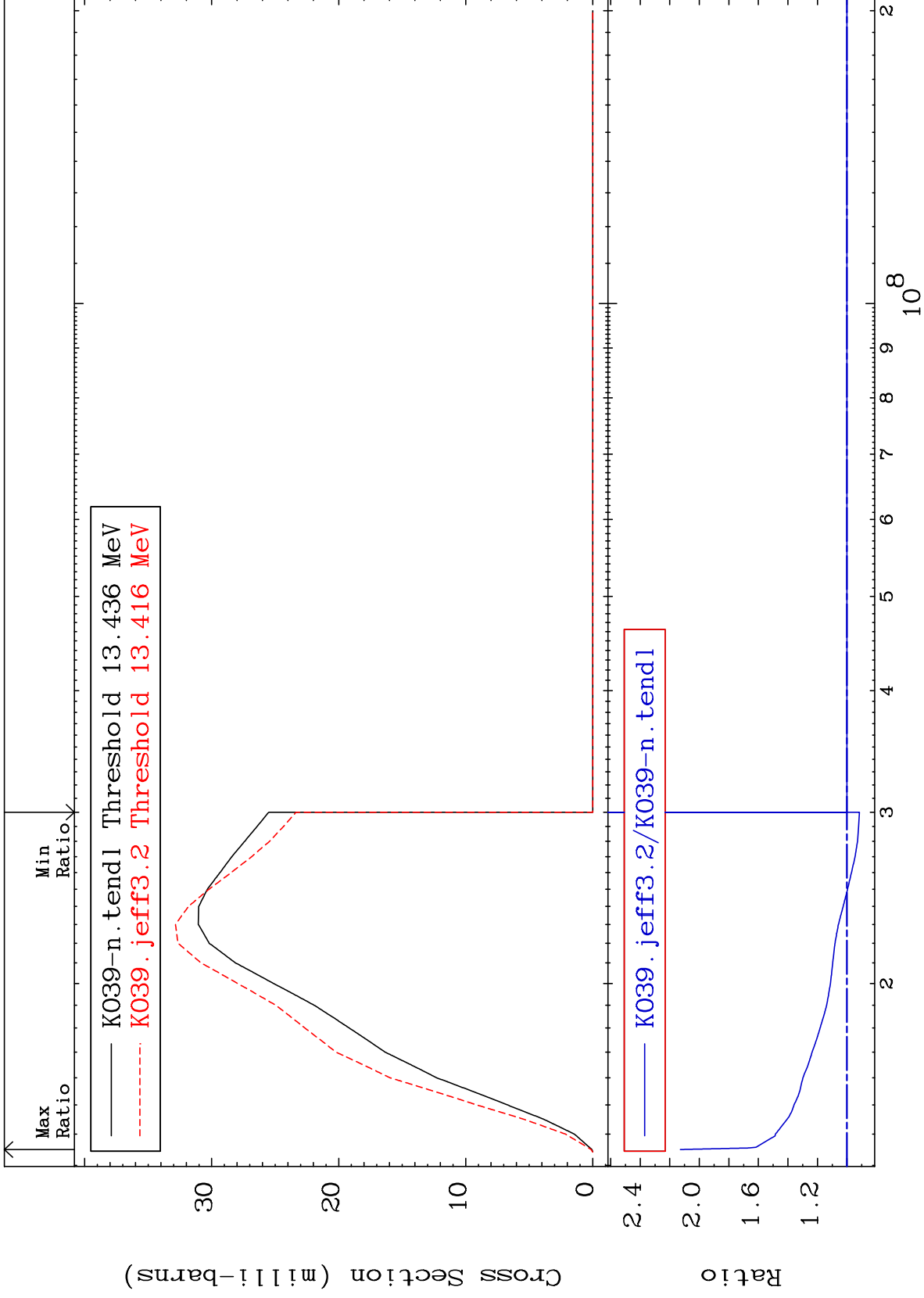




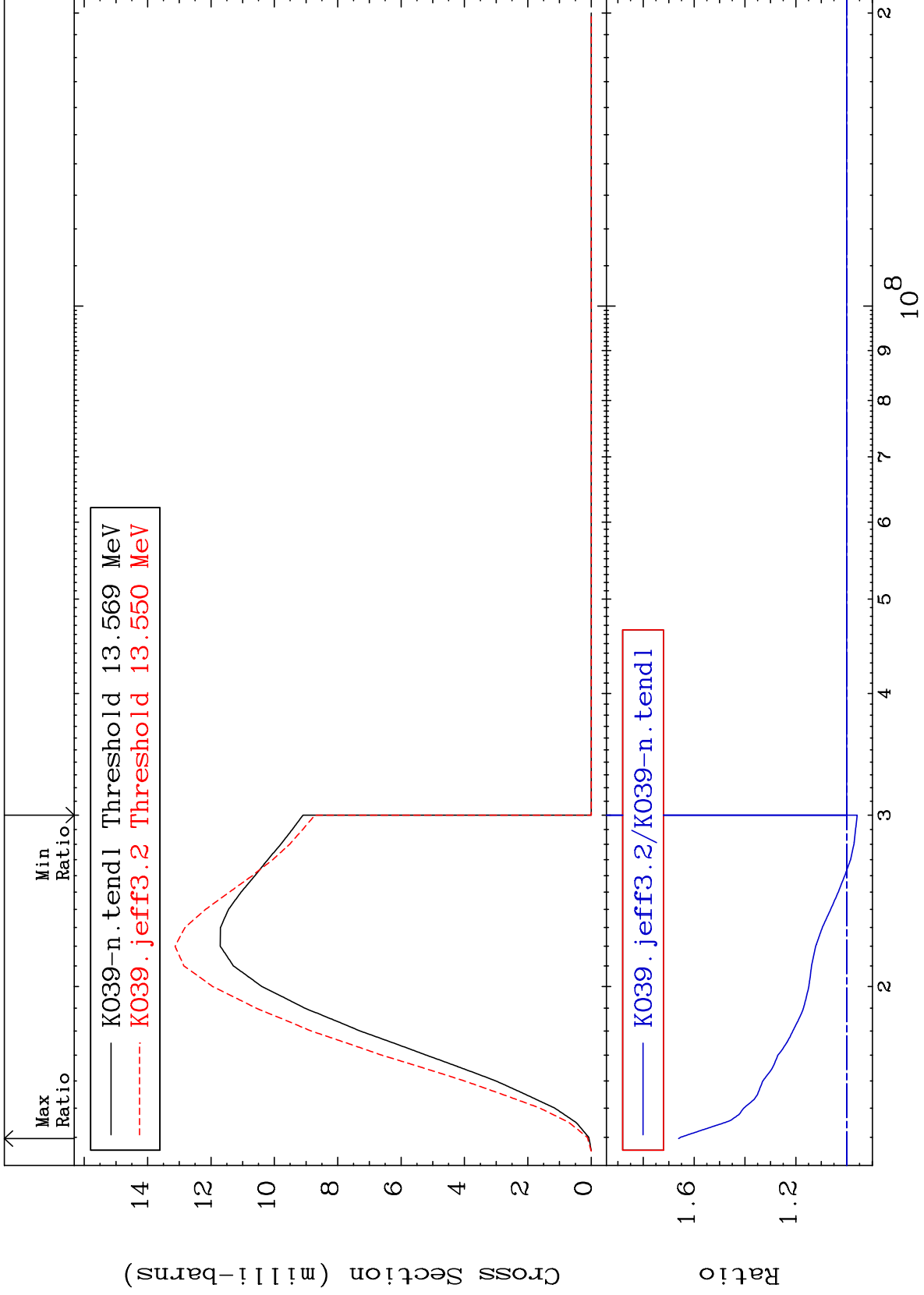




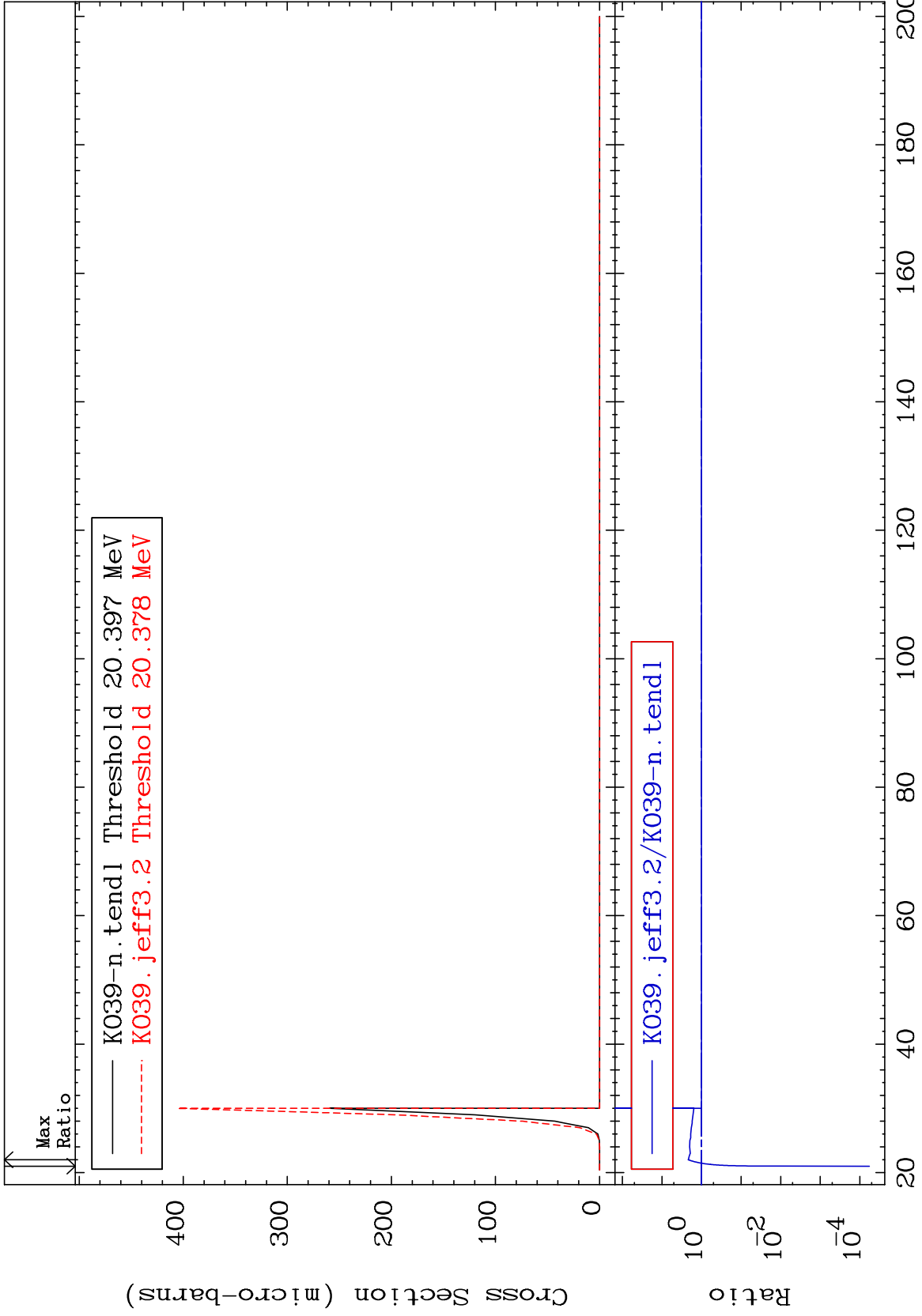
Radionuclide Production Cross Section -8.425 To 112.8 %



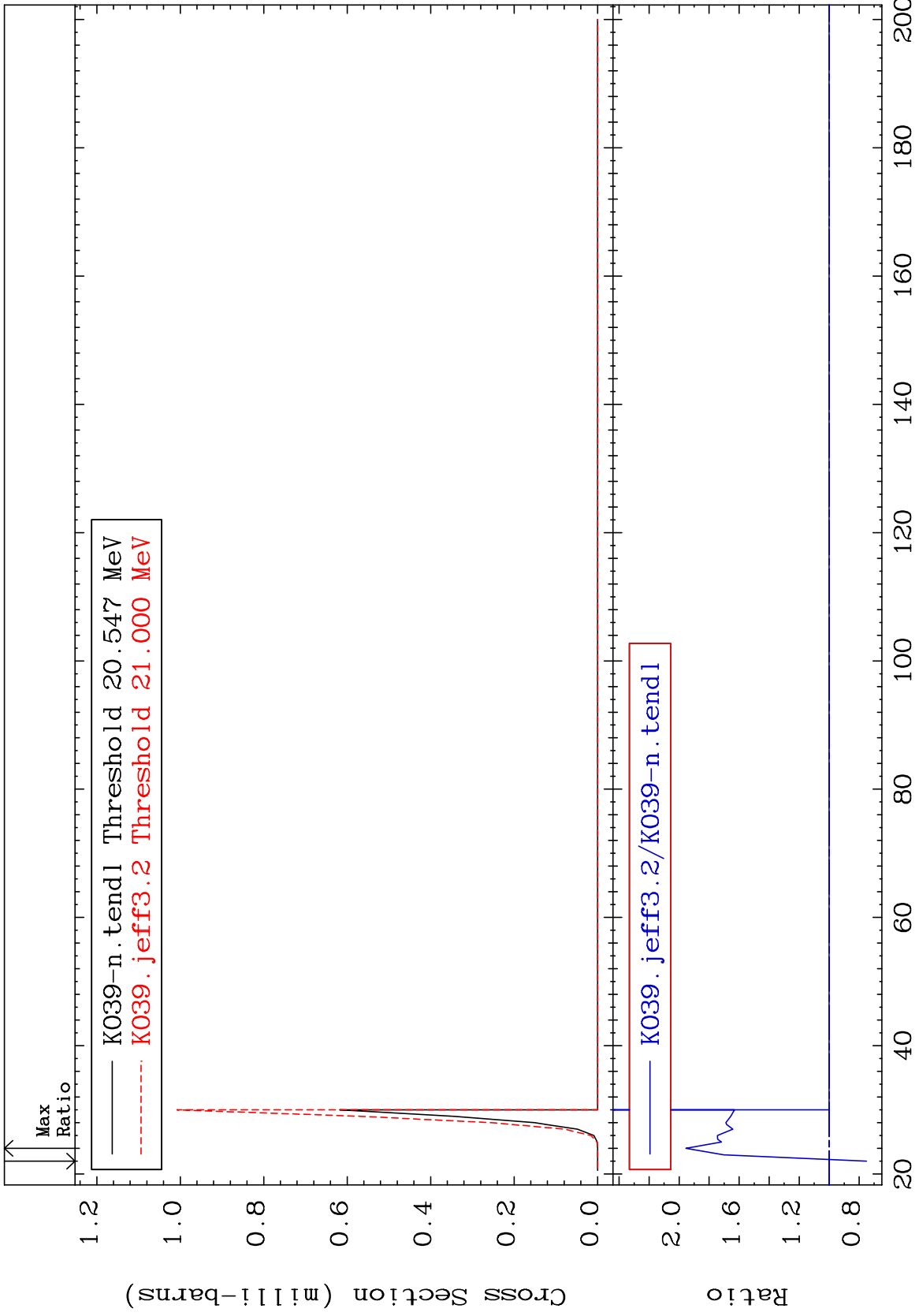
Radionuclide Production Cross Section -4.134 To 66.10 %



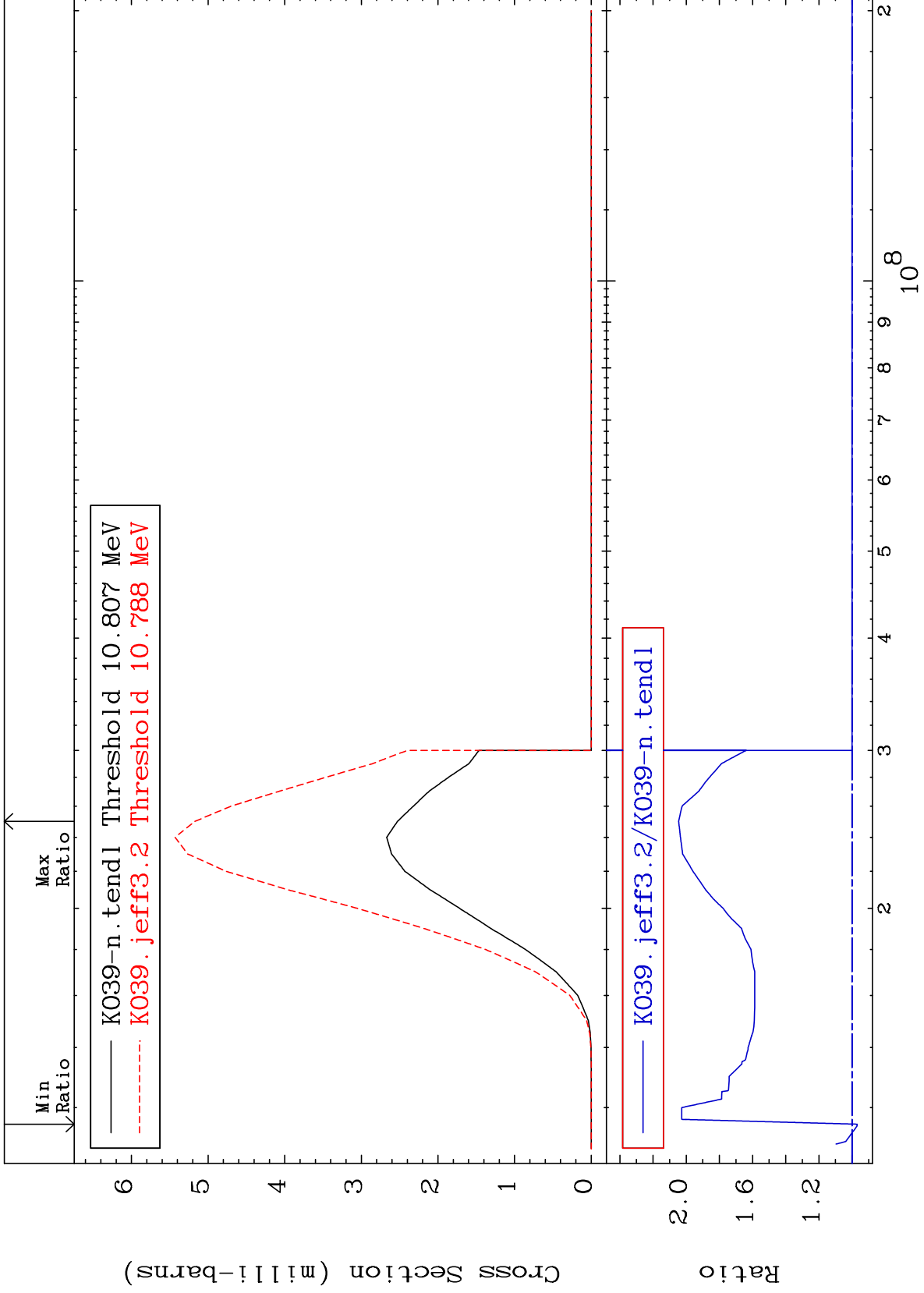
Radionuclide Production Cross Section -99.99 To 117.2 %



Radionuclide Production Cross Section -24.89 To 95.45 %



Radionuclide Production Cross Section -3.123 To 104.6 %



Radionuclide Production Cross Section 0.000 To 132.2 %

