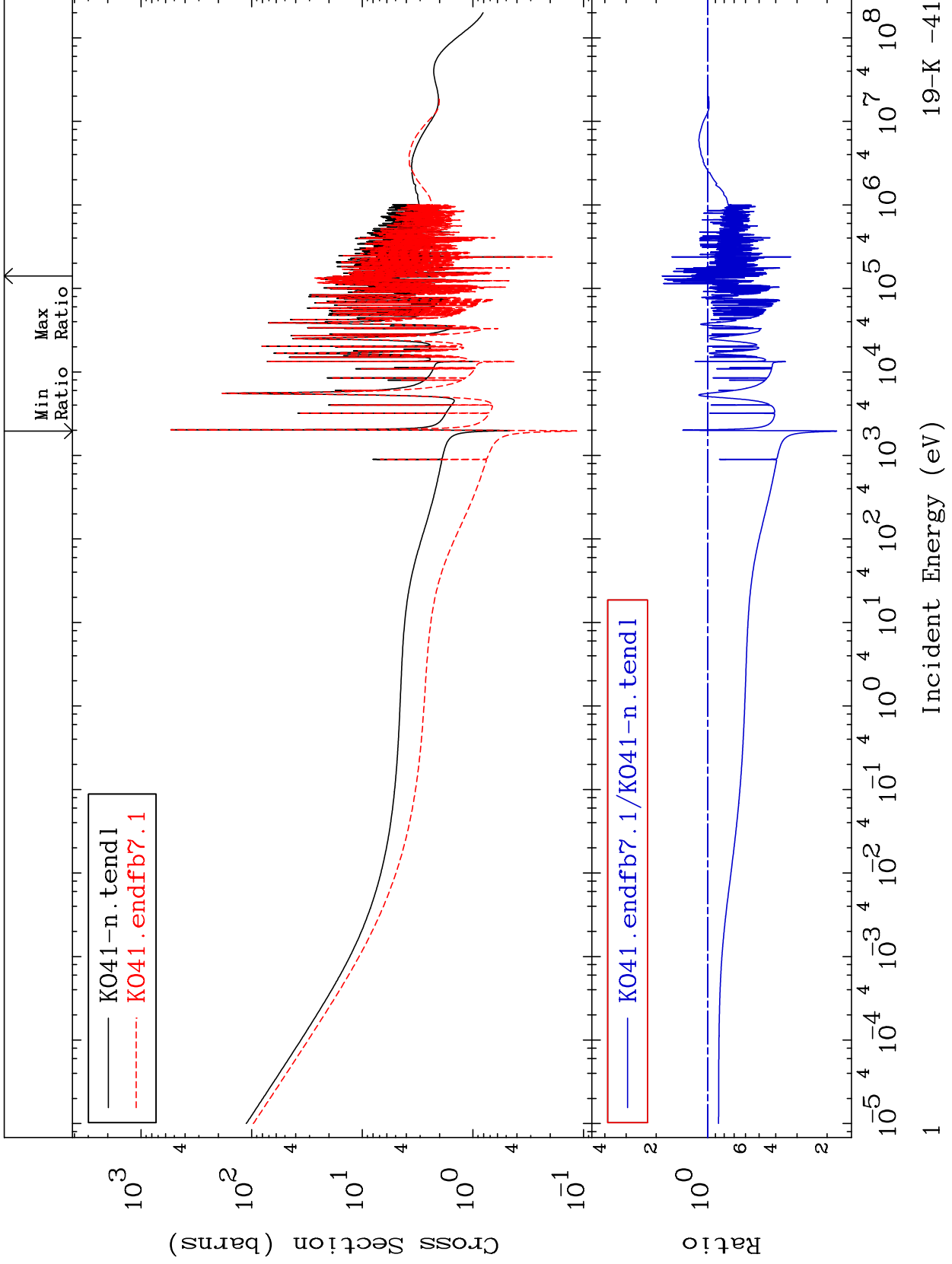


MAT 1931

Total  
Cross Section

19-K -41  
-82.40 To 84.17 %

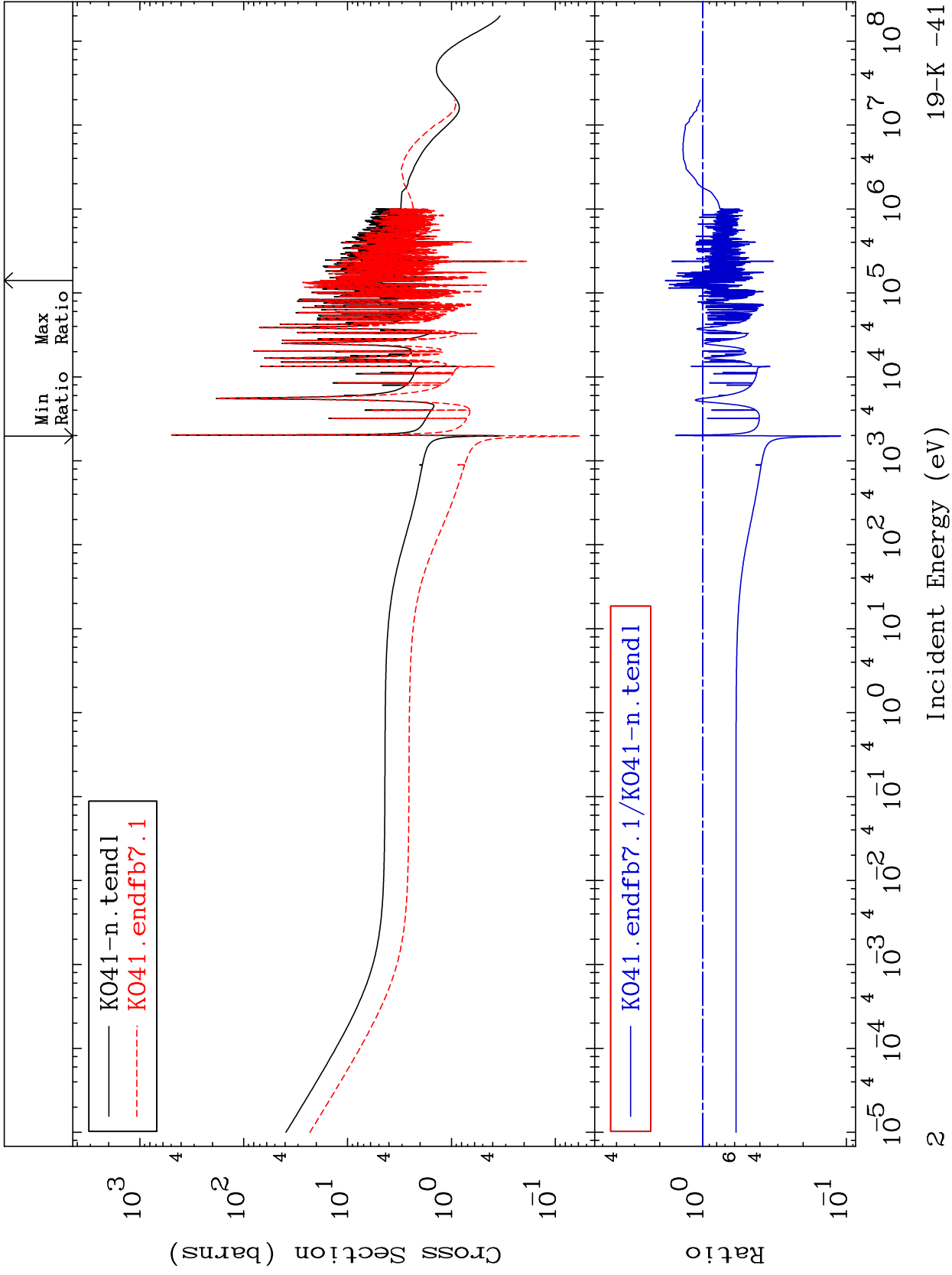


19-K -41

MAT 1931

Elastic  
Cross Section

19-K -41  
-89.05 To 82.06 %

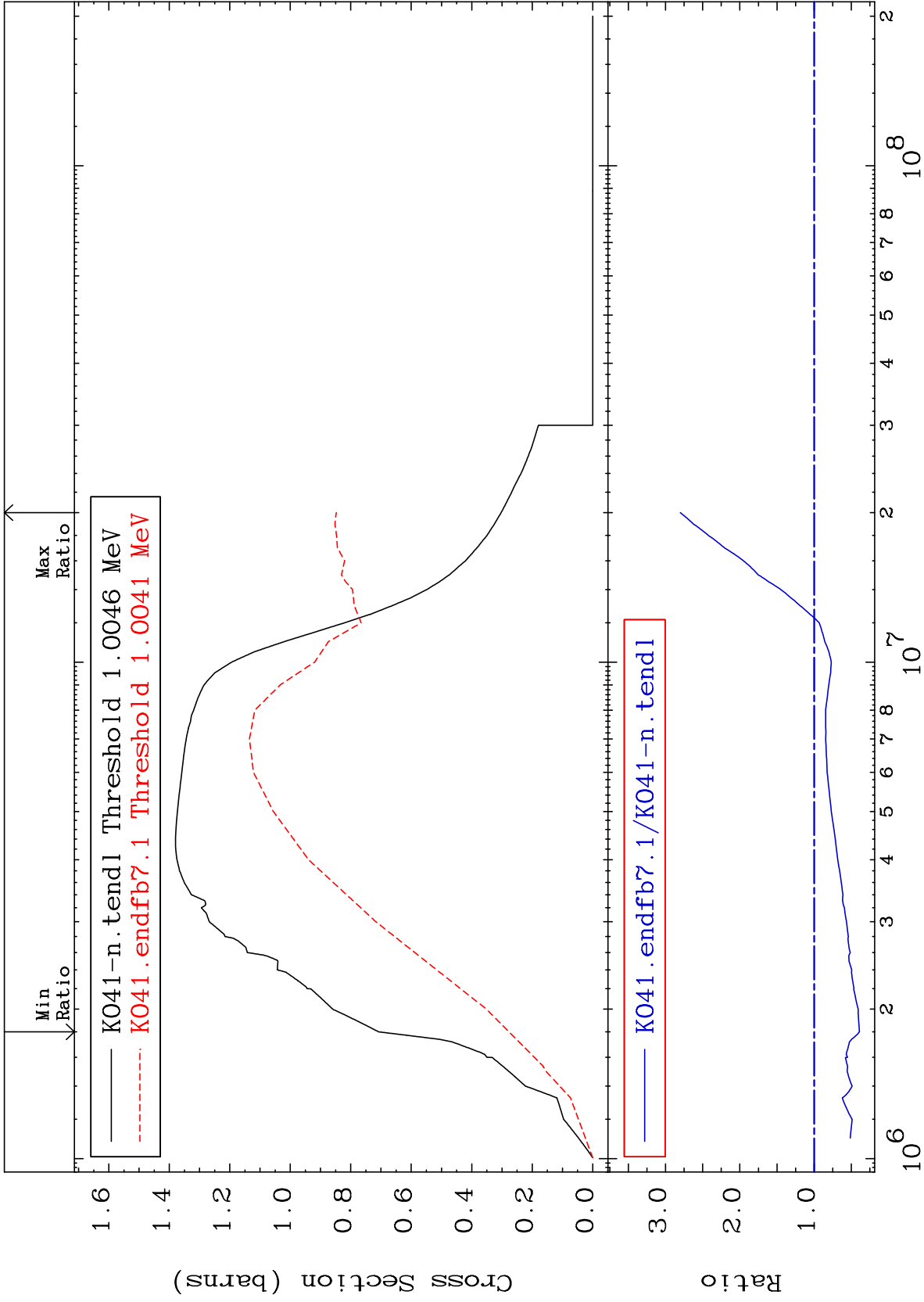


19-K -41

MAT 1931

Inelastic  
Cross Section

19-K -41  
-60.89 To 180.0 %



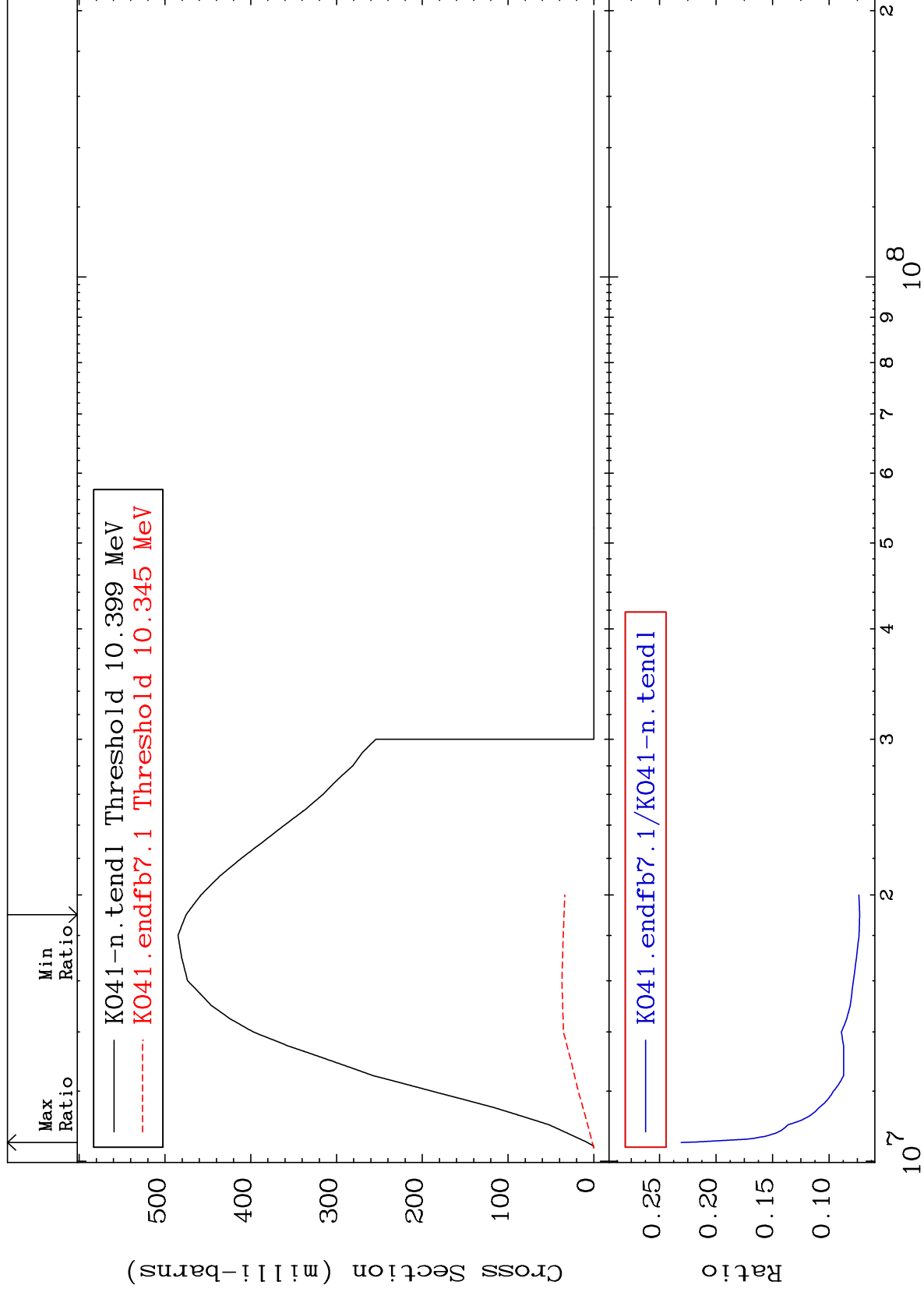
MAT 1931

(n,2n)

19-K -41

Cross Section

-92.70 To -76.91%

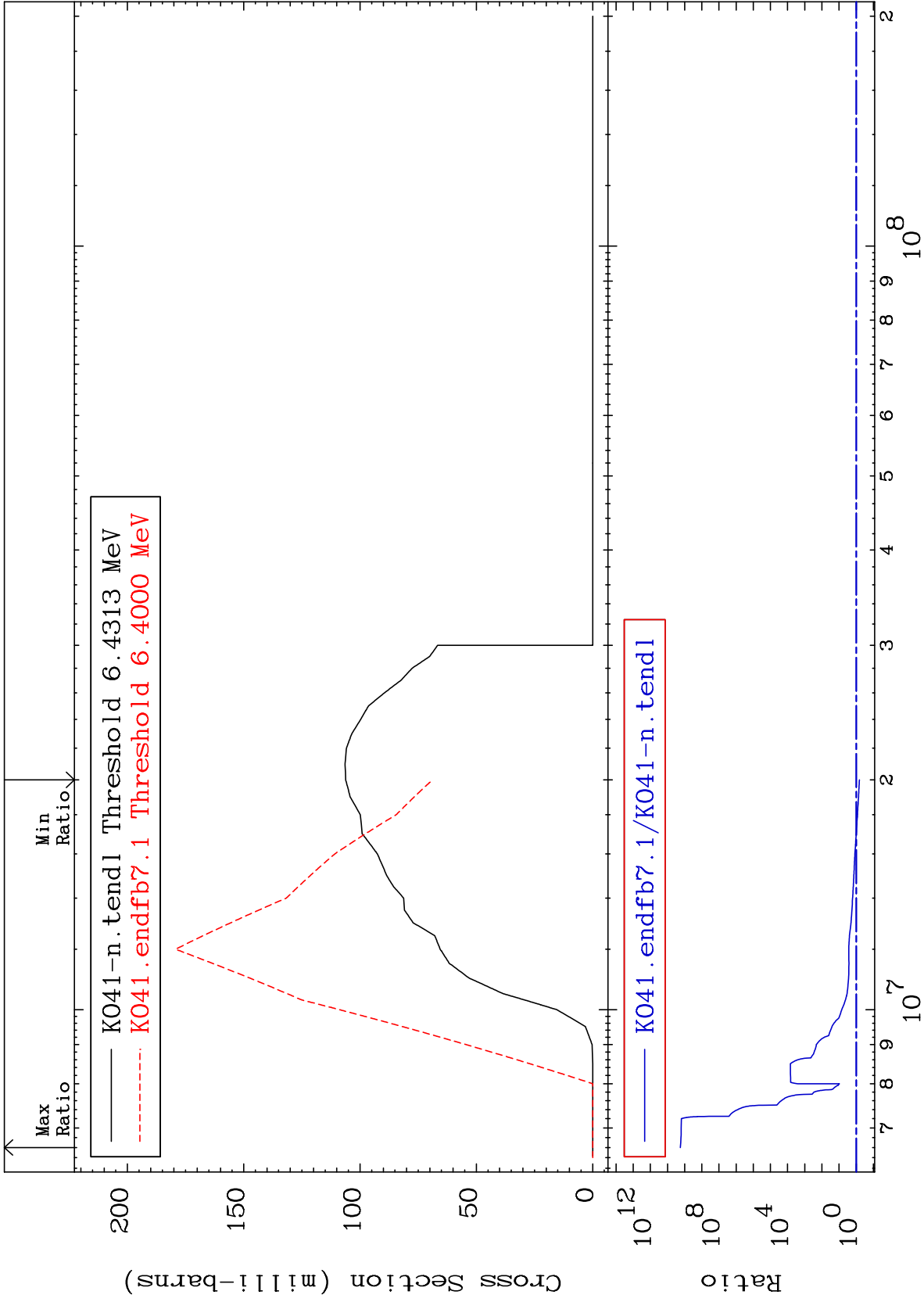


19-K -41

MAT 1931

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

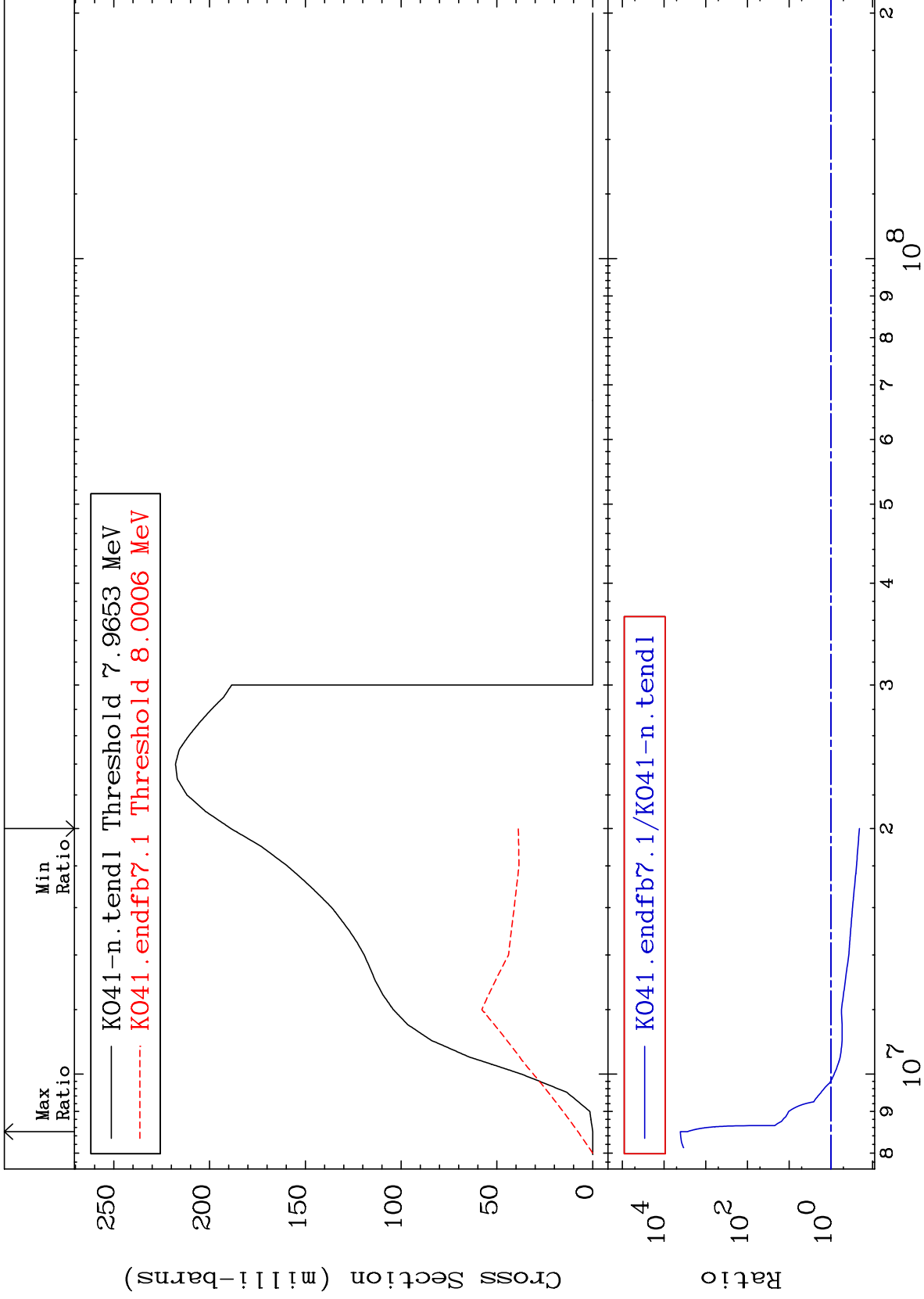
19-K -41  
-35.15 To 9999. %



5

Incident Energy (eV)

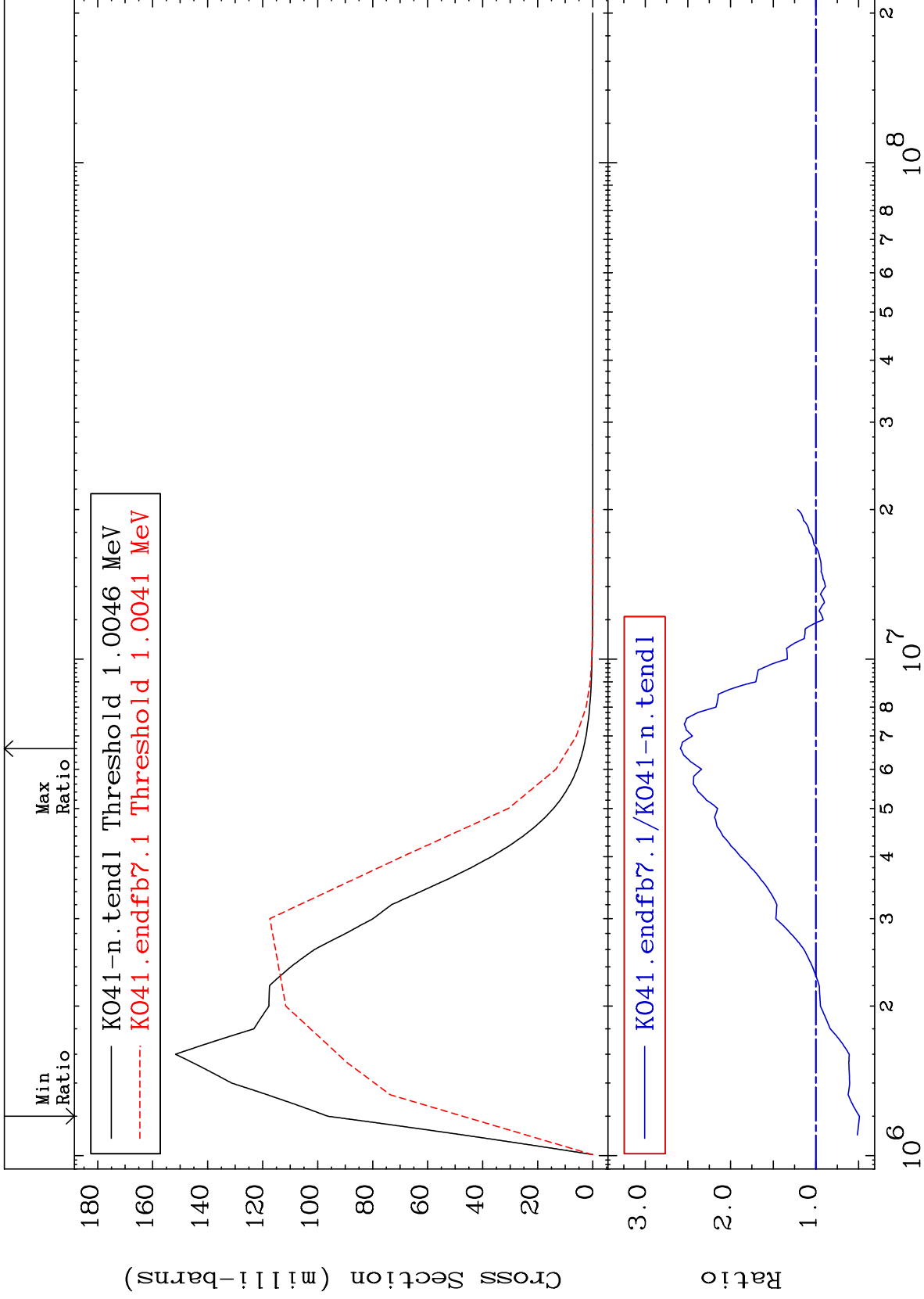
19-K -41



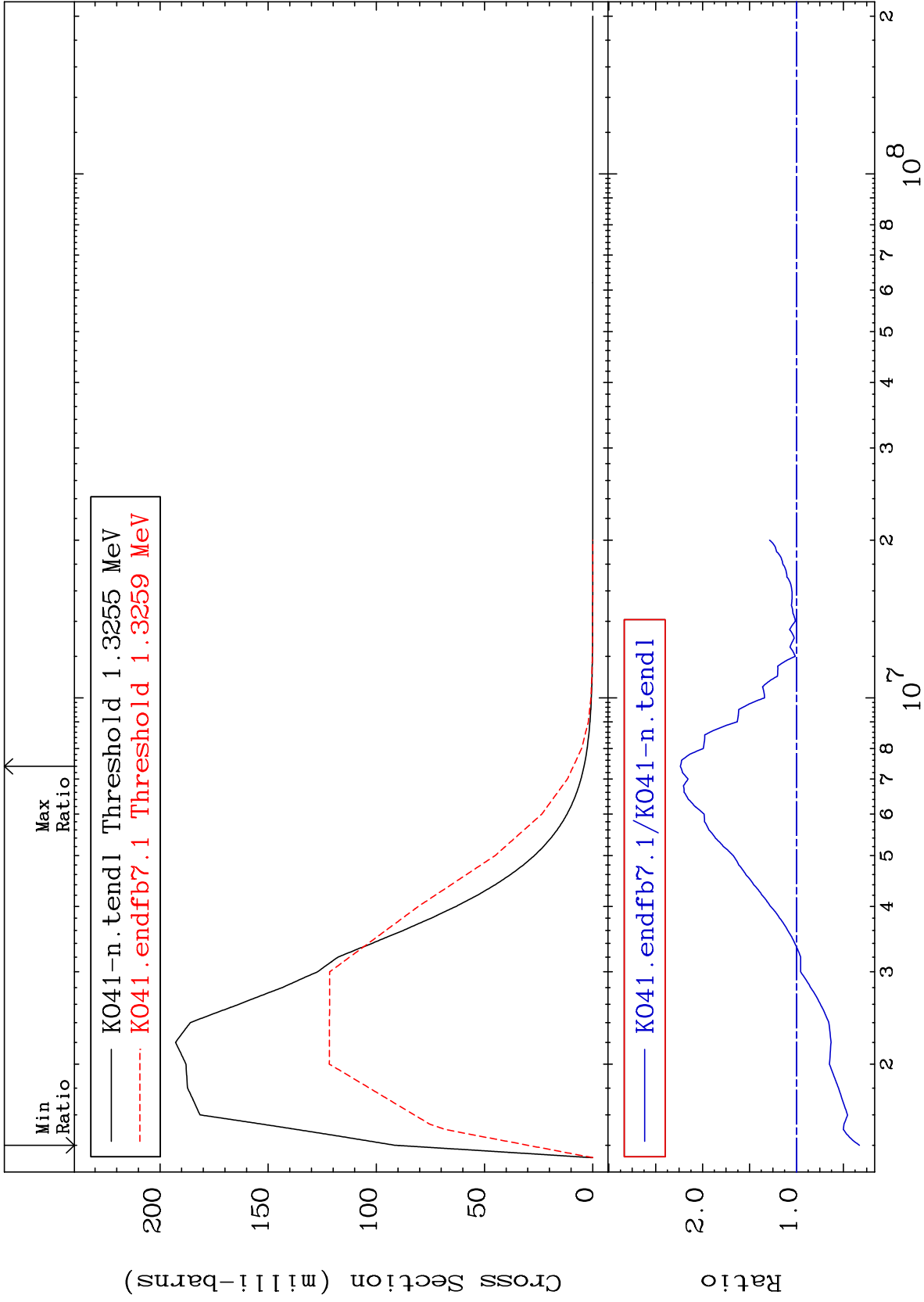
MAT 1931

980.5 keV (n,n') Level  
Cross Section

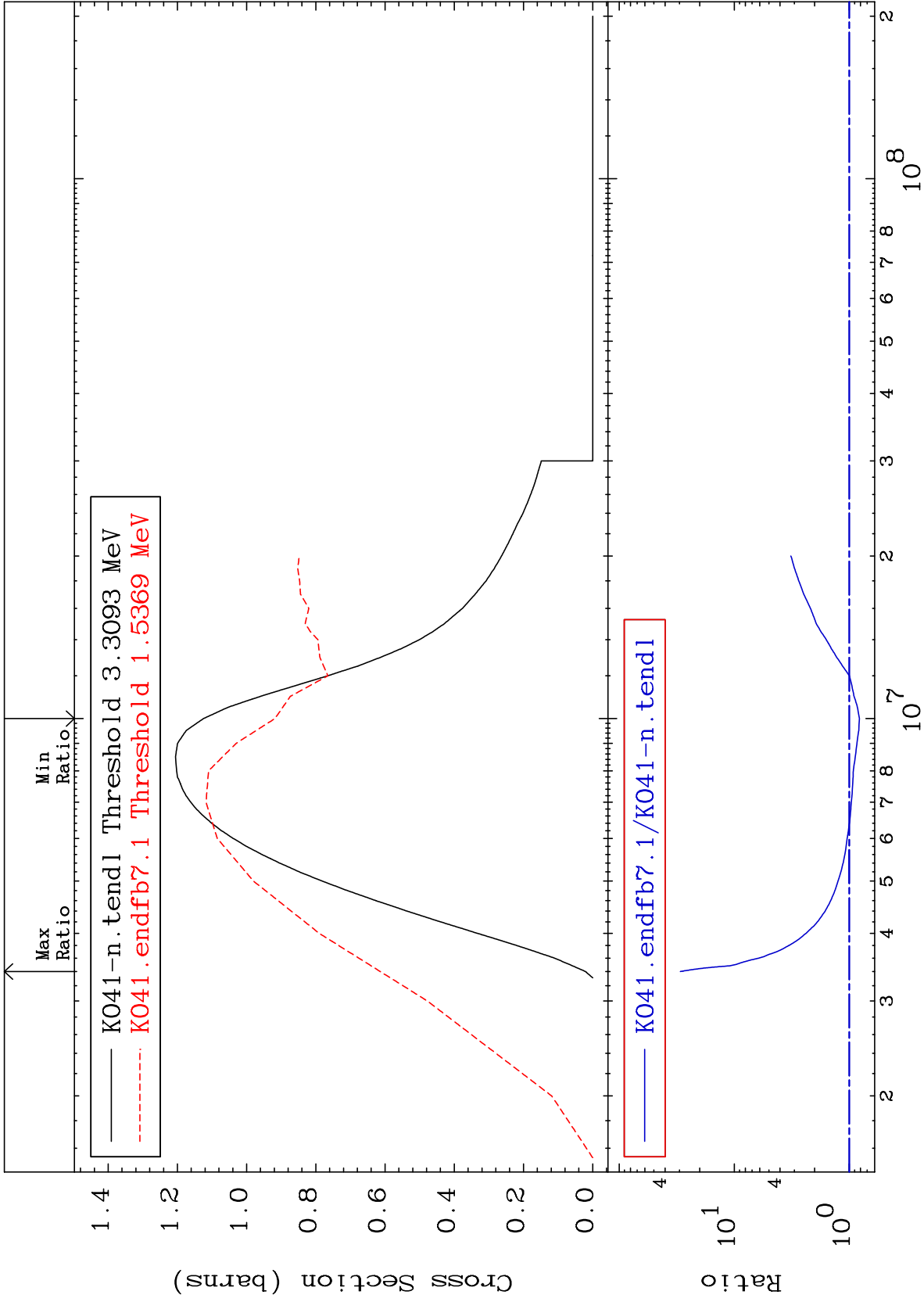
19-K -41  
-50.98 To 158.8 %



19-K -41







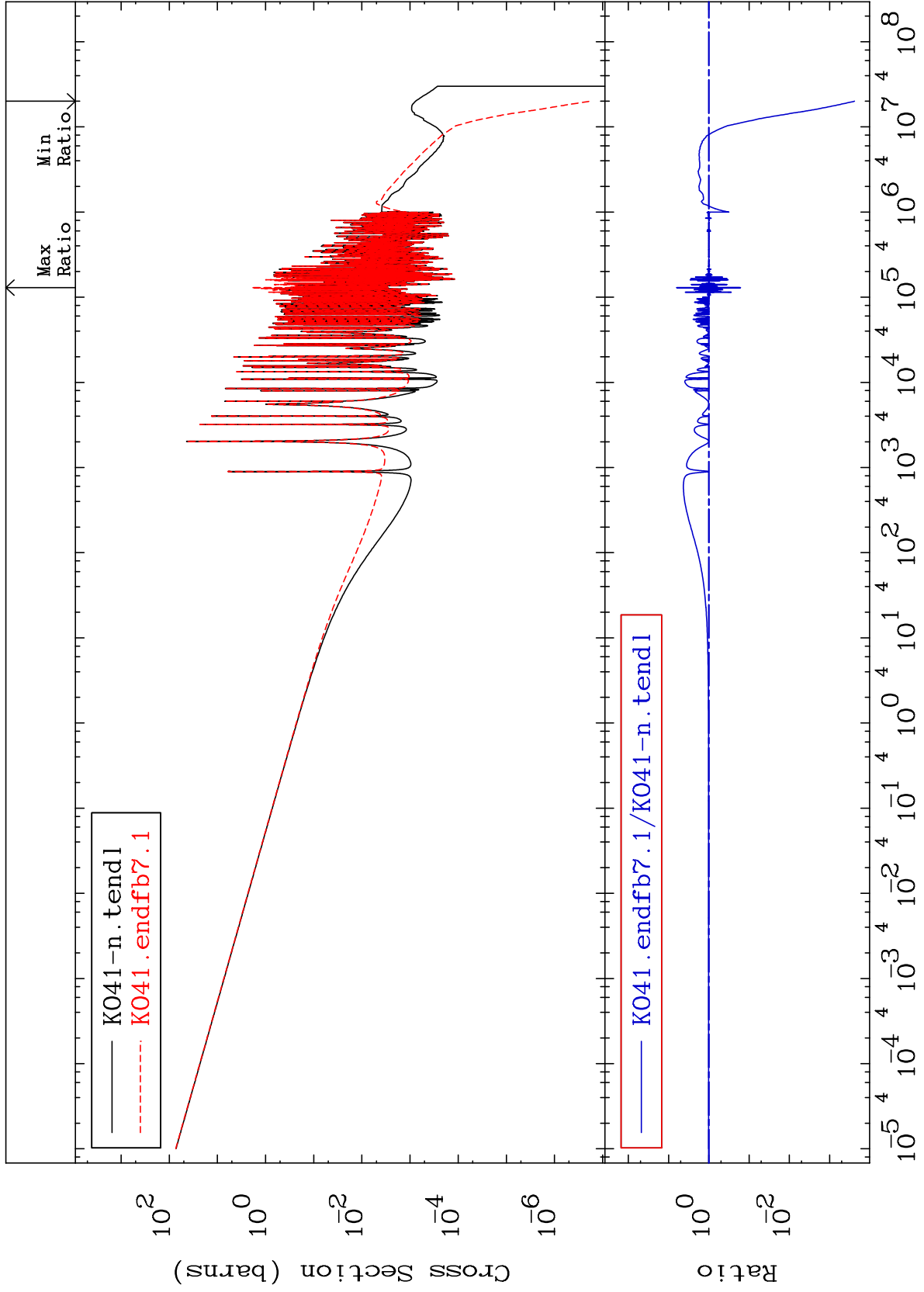
MAT 1931

(n,  $\gamma$ )

Cross Section

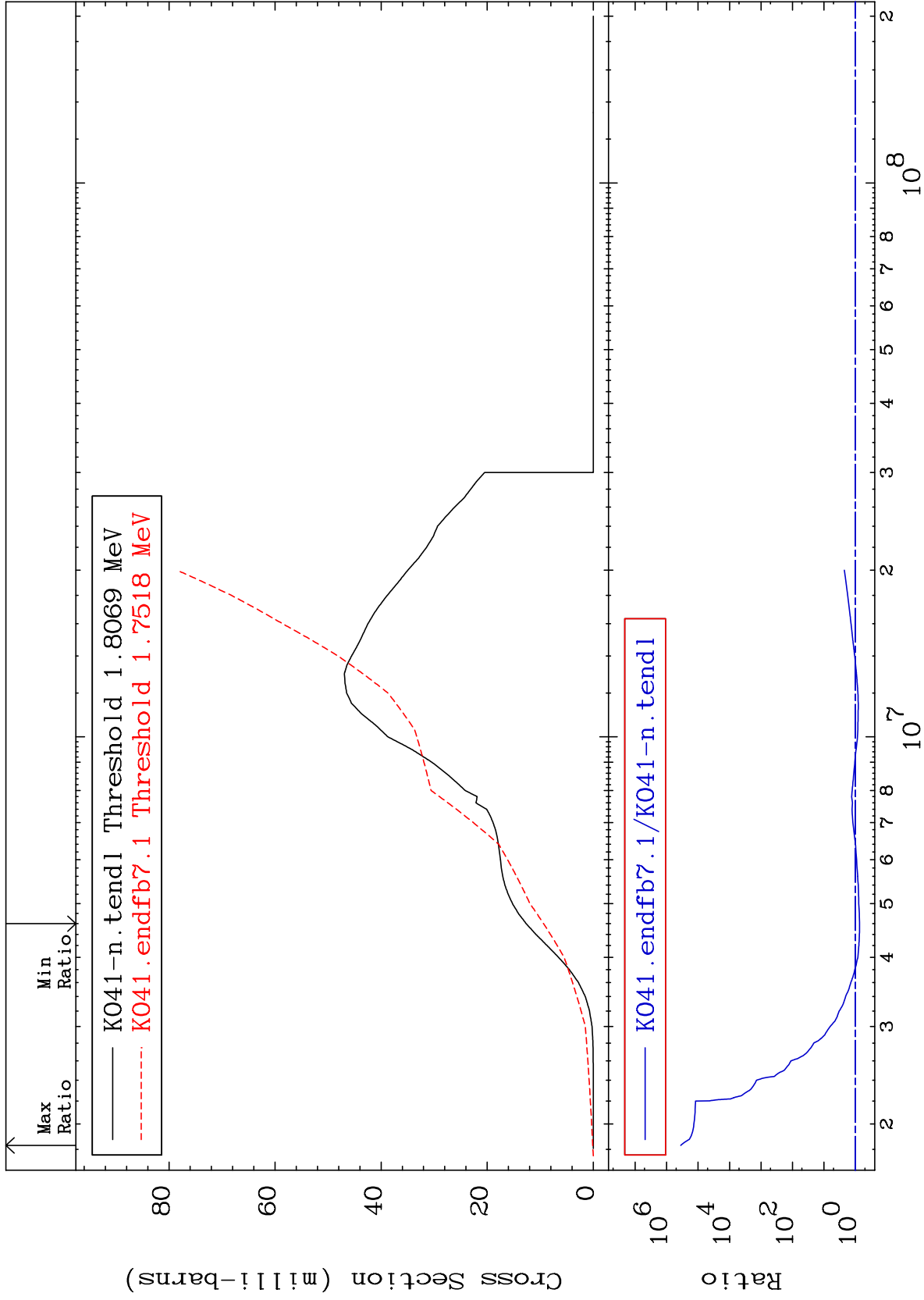
19-K -41

-99.98 To 527.9 %



Incident Energy (eV)

19-K -41



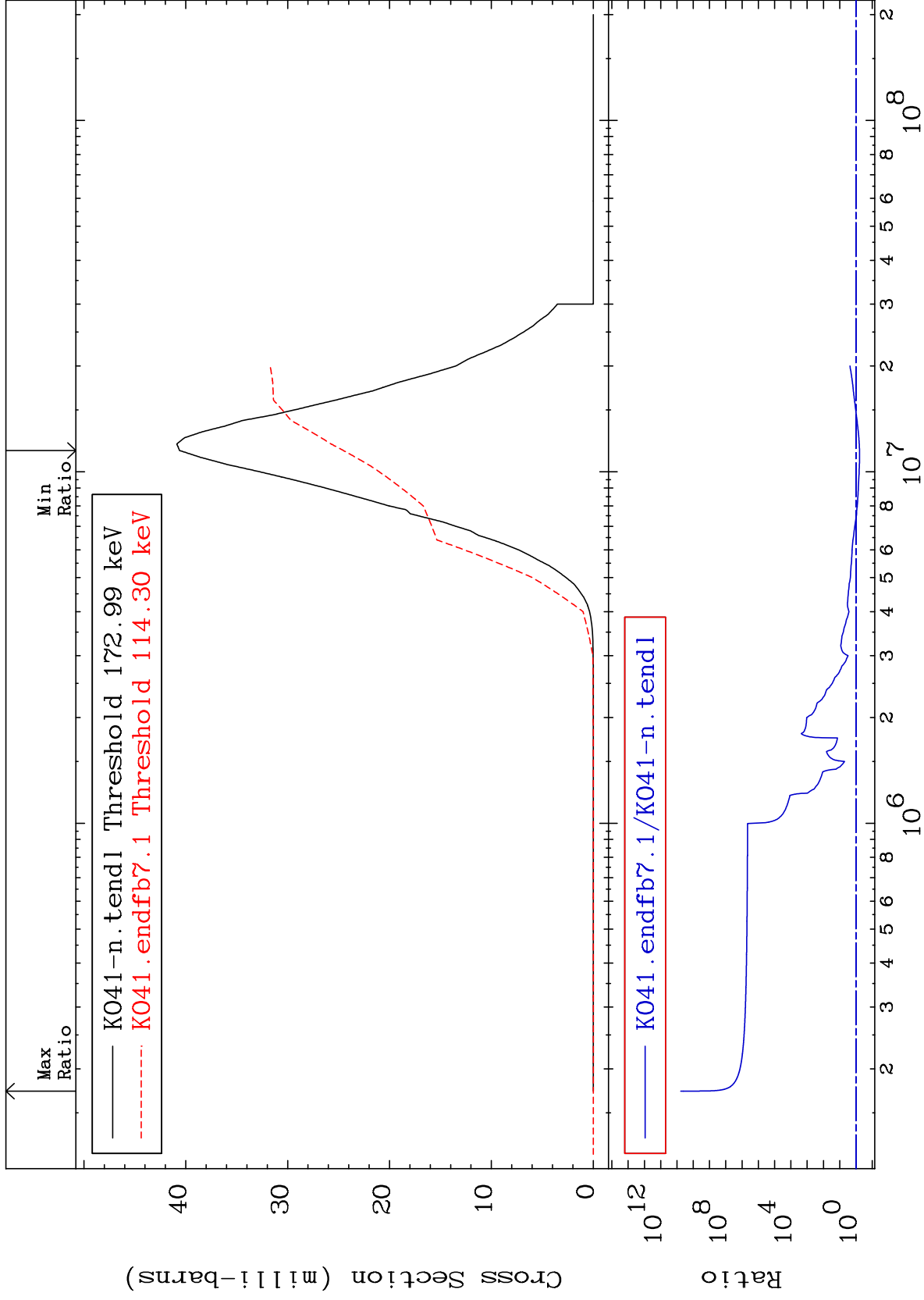
MAT 1931

(n,  $\alpha$ )

19-K -41

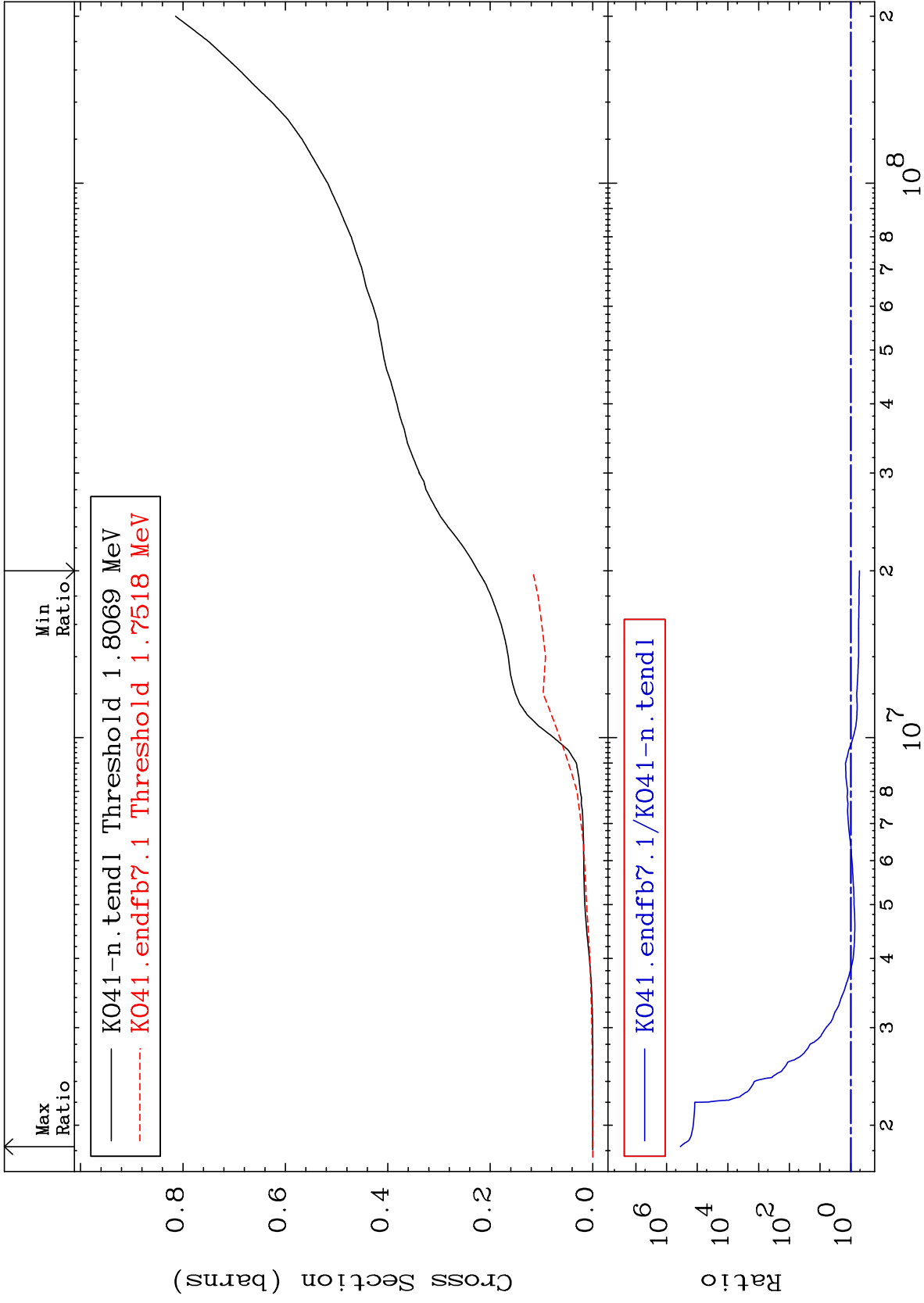
Cross Section

-39.61 To 9999. %



12

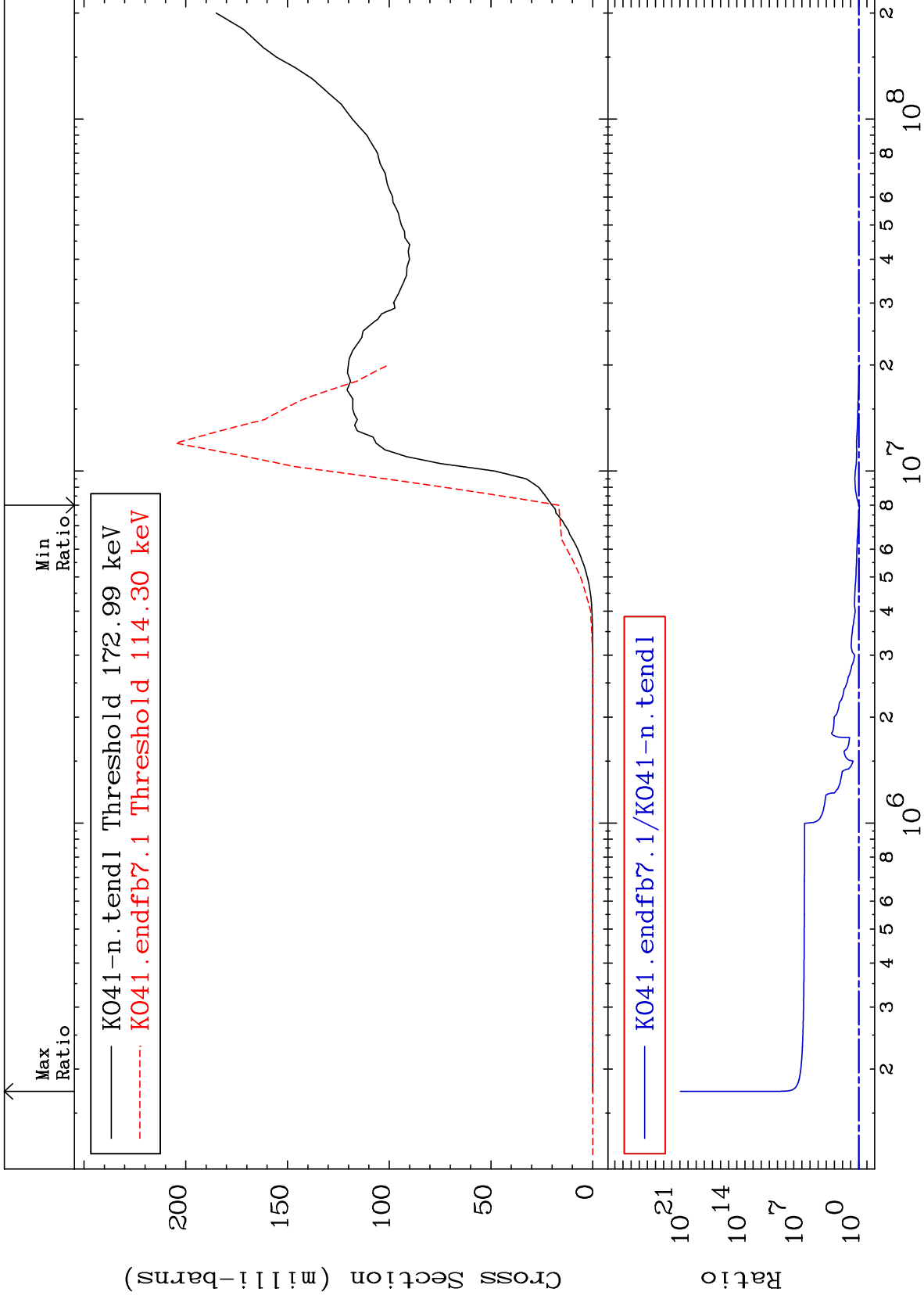
19-K -41



MAT 1931

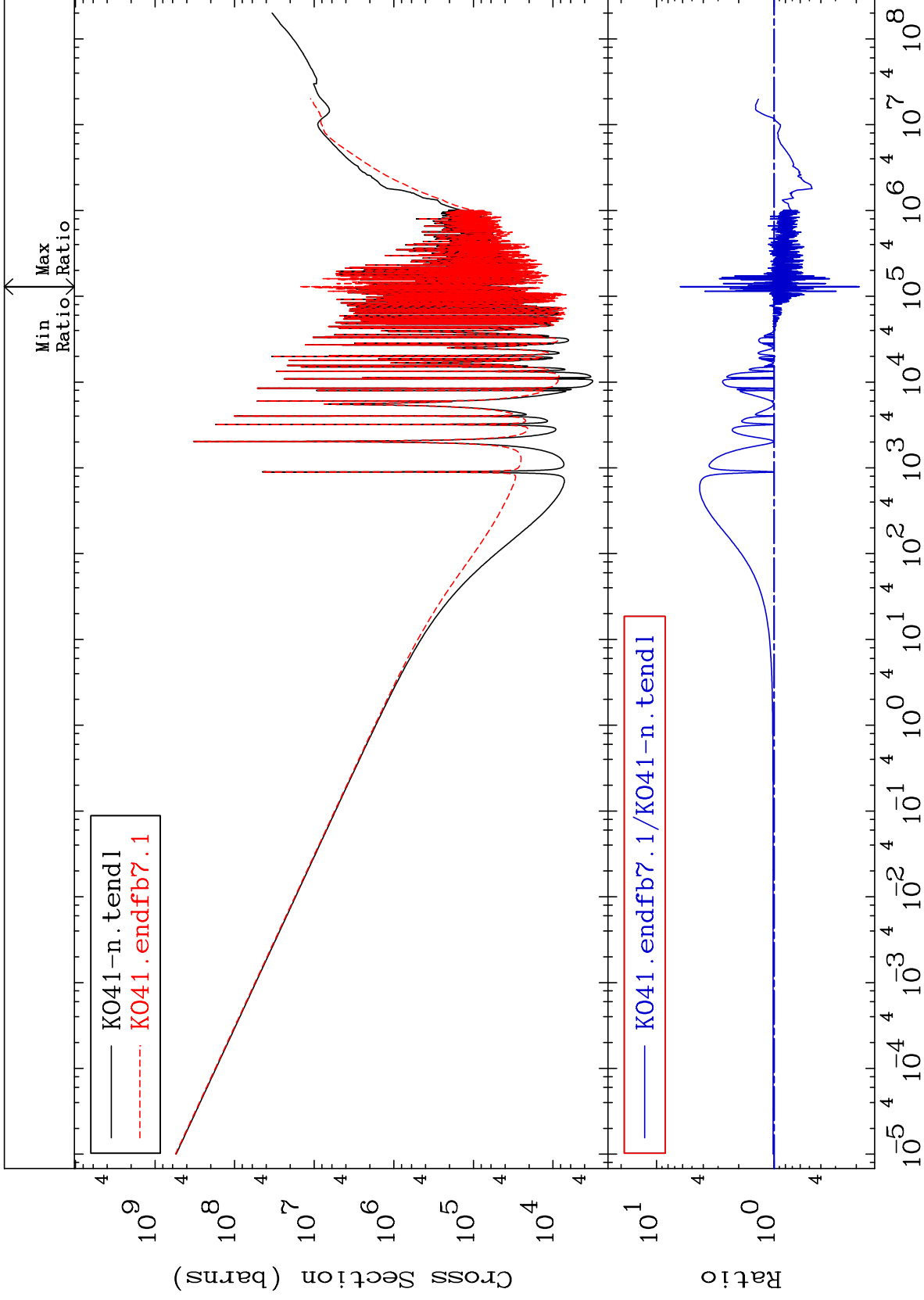
He-4 Production  
Cross Section

19-K -41  
-16.74 To 9999. %



14

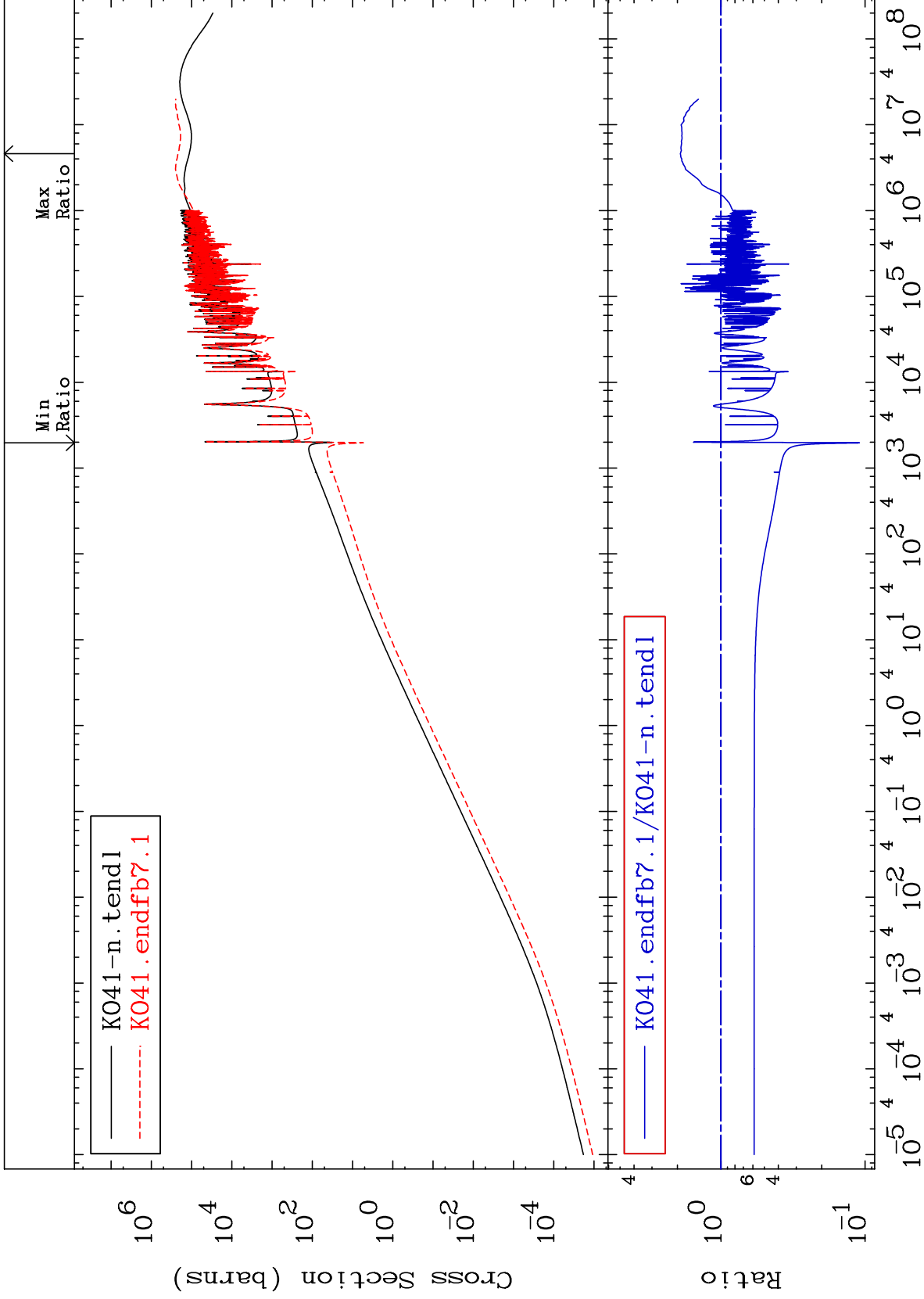
19-K -41



MAT 1931

Kerma elastic  
Cross Section

19-K -41  
-89.05 To 90.93 %

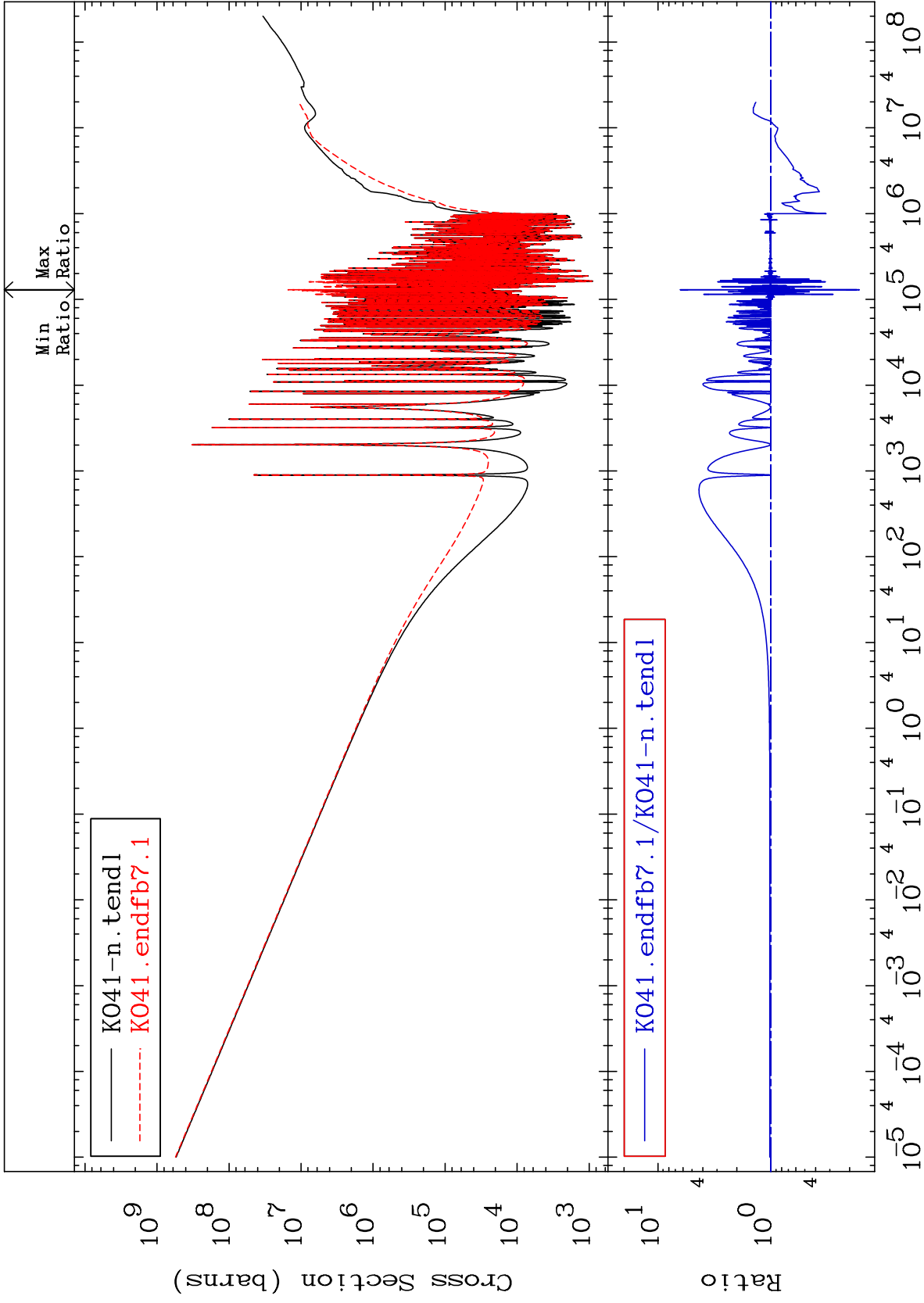


16

Incident Energy (eV)

19-K -41

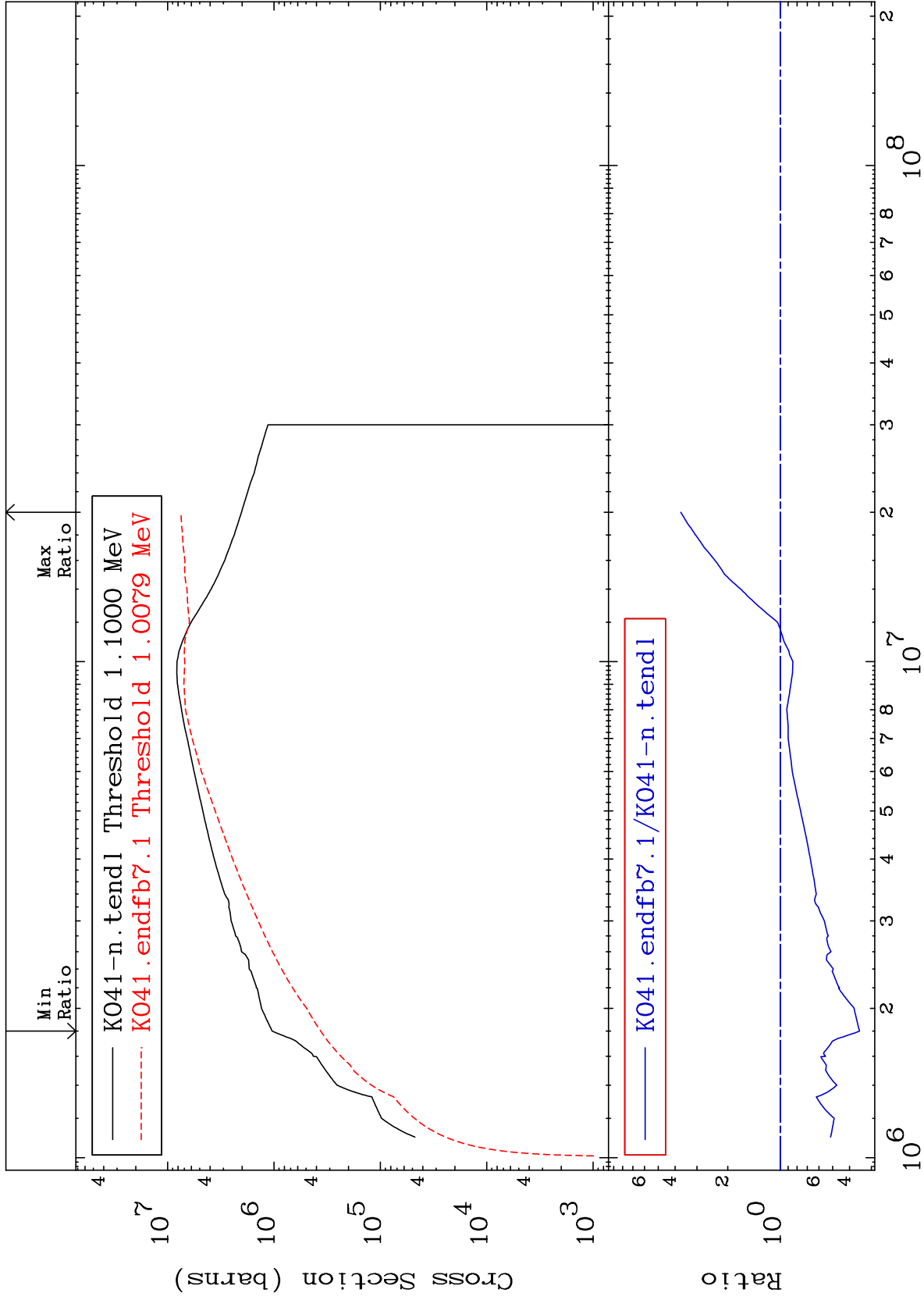




MAT 1931

Kerma inelastic (mt51-91)  
Cross Section

19-K -41  
-64.92 To 271.5 %



18

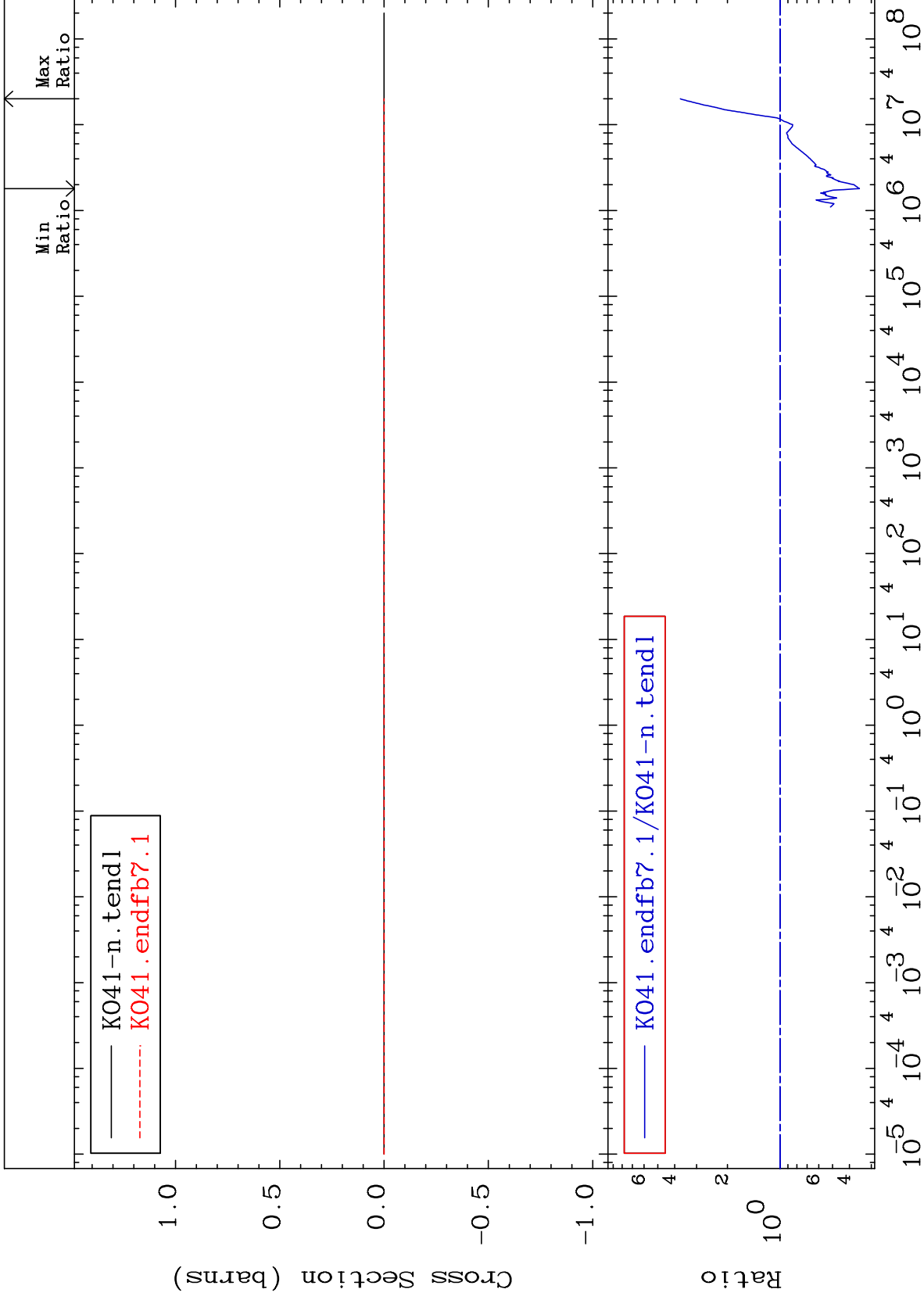
Incident Energy (eV)

19-K -41

MAT 1931

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

19-K -41  
-64.92 To 271.5 %



19

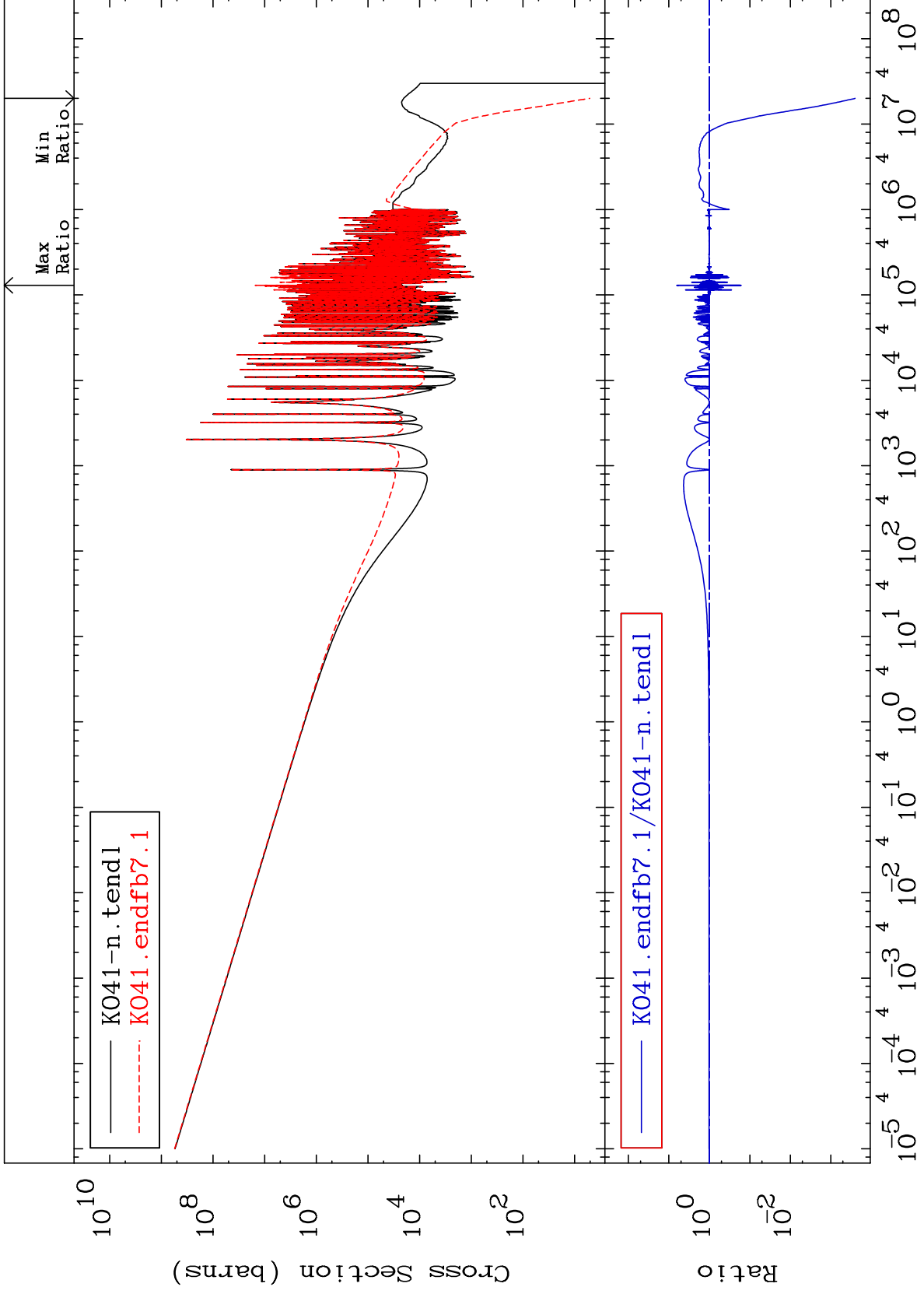
Incident Energy (eV)

19-K -41

MAT 1931

Kerma capture (mt102)  
Cross Section

19-K -41  
-99.97 To 532.7 %



20

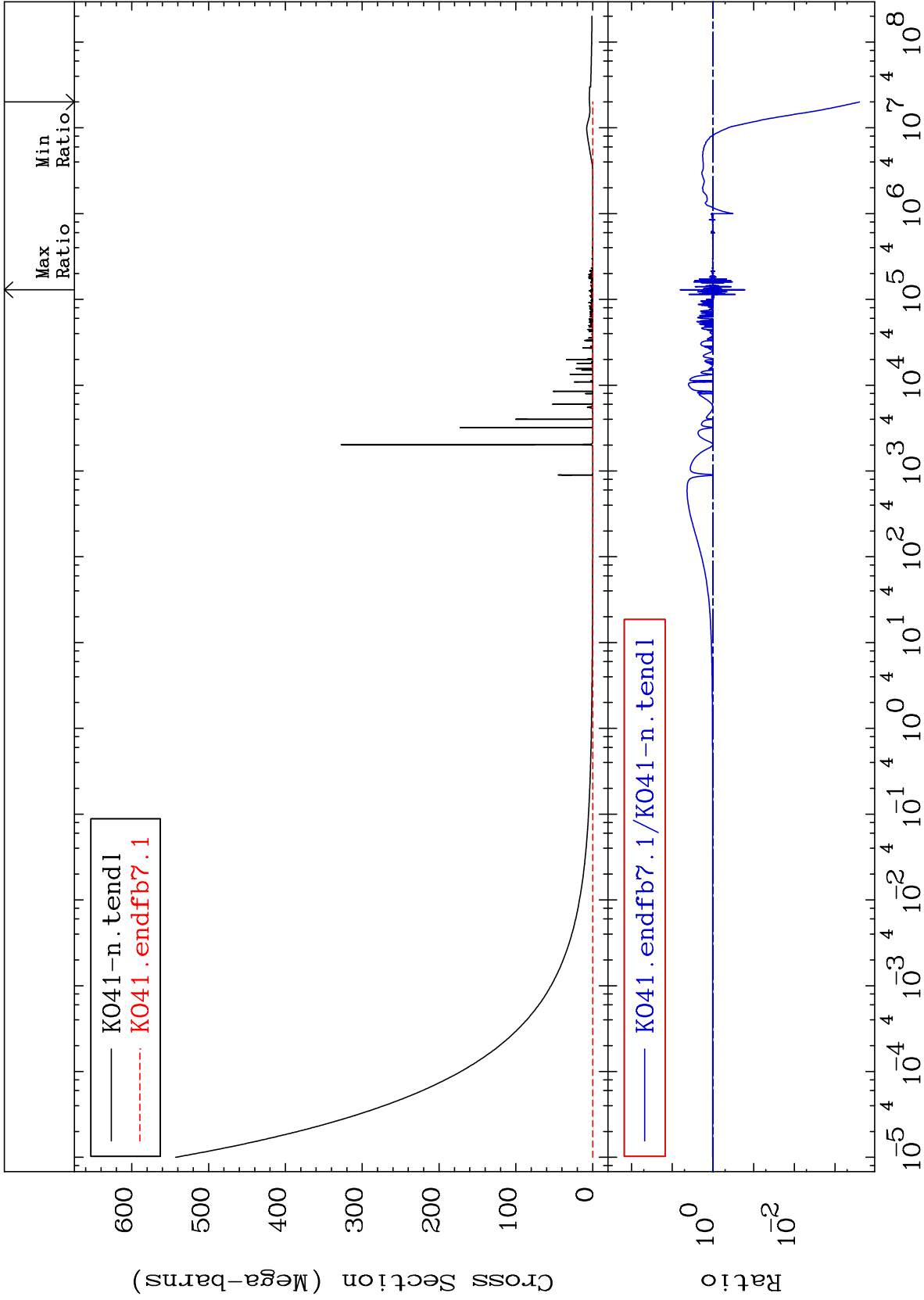
Incident Energy (eV)

19-K -41

MAT 1931

Total photon (eV-barns)  
Cross Section

19-K -41  
-99.97 To 532.7 %



21

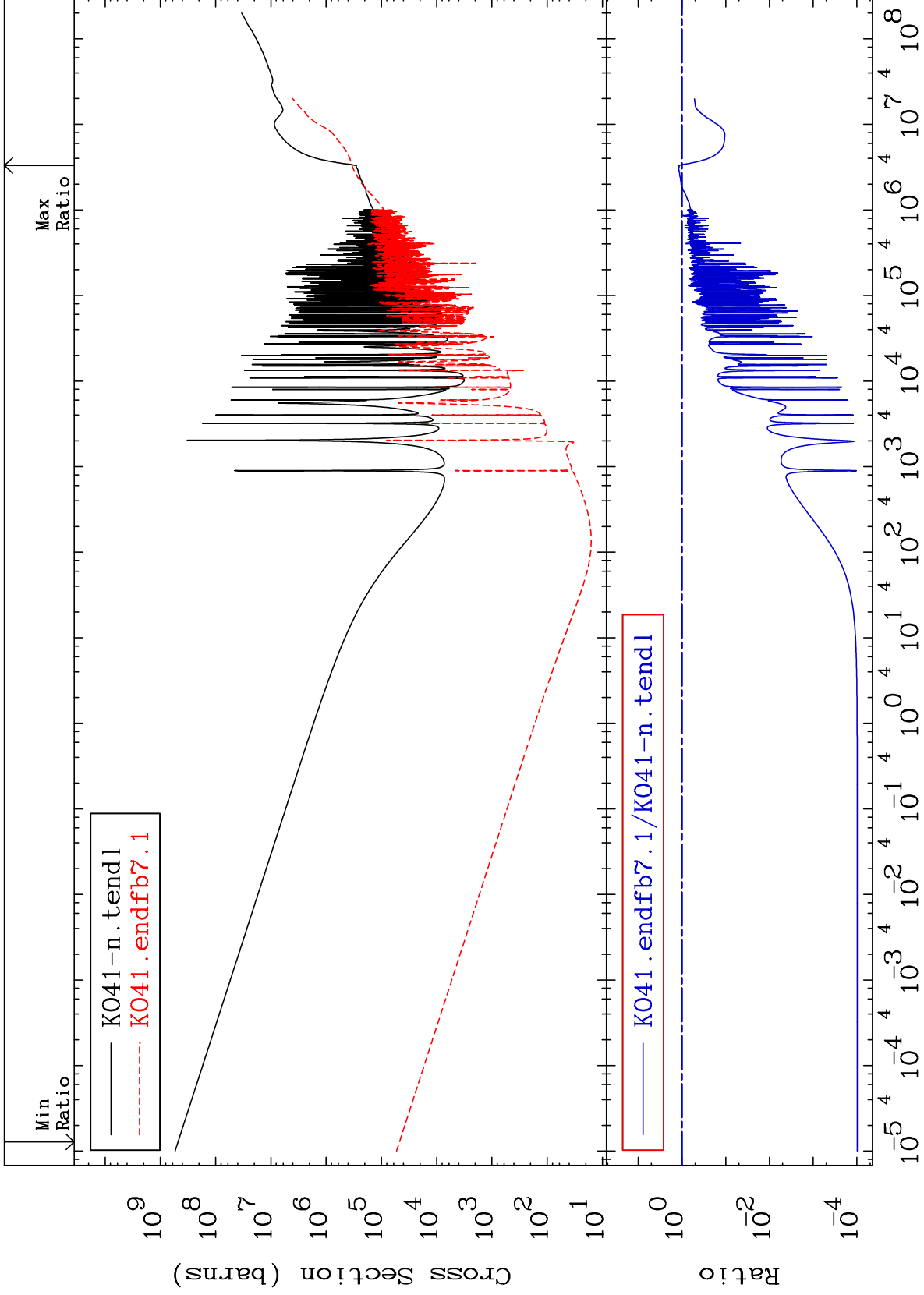
Incident Energy (eV)

19-K -41

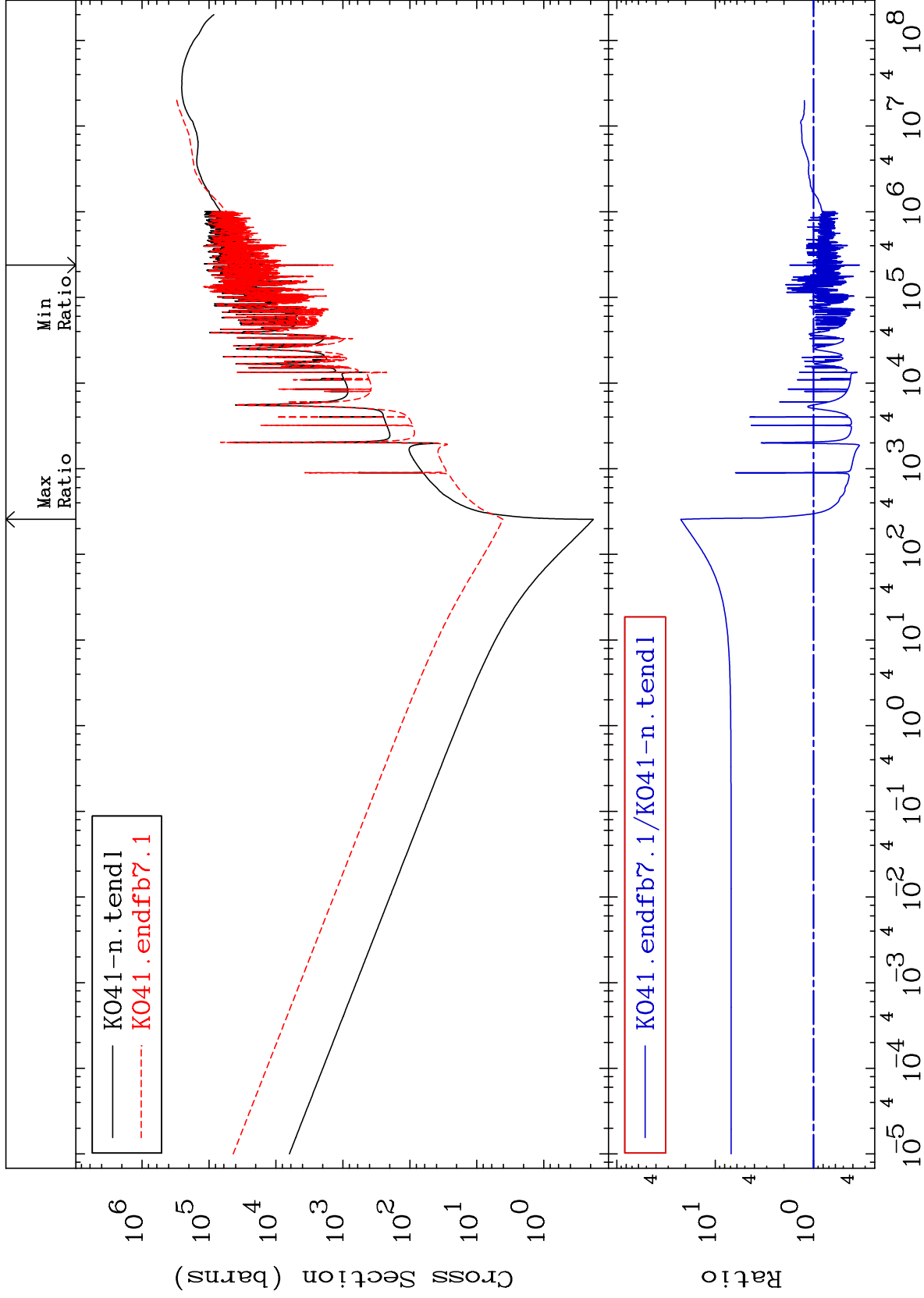
MAT 1931

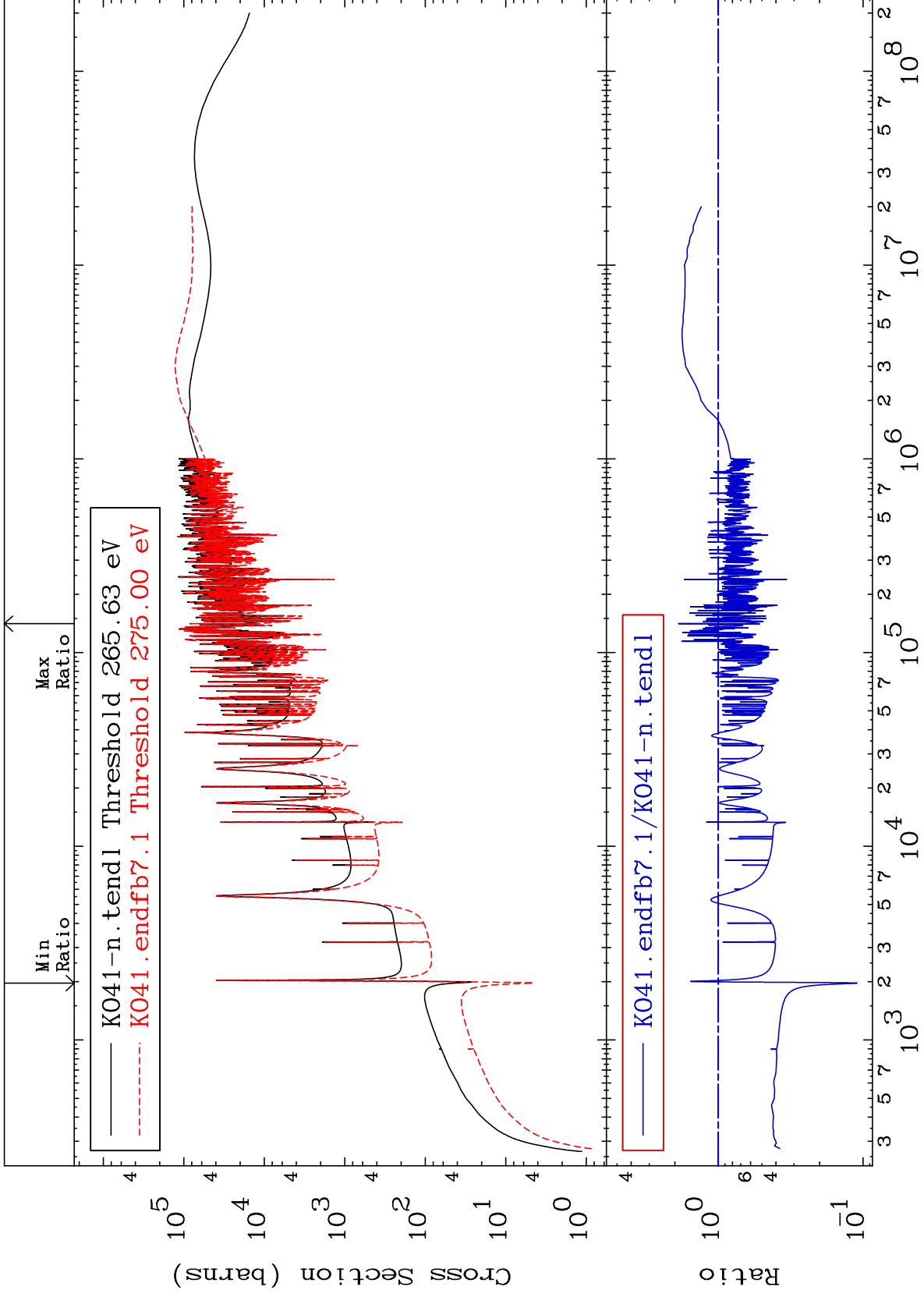
Total kinematic kerma (high limit)  
Cross Section

19-K -41  
-99.99 To 19.40 %



-65.83 To 2136. %



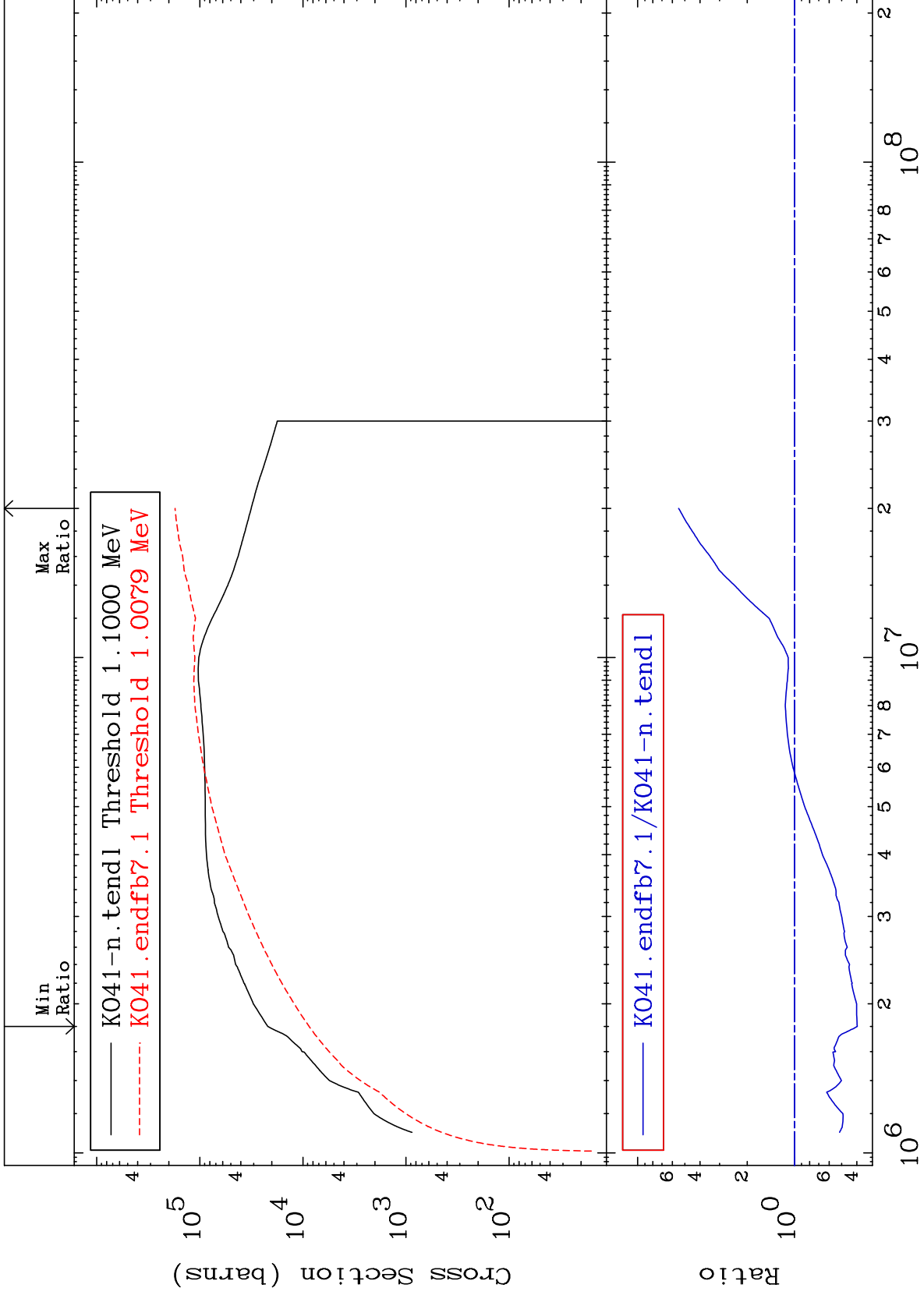




MAT 1931

Dpa inelastic (mt51-91)  
Cross Section

19-K -41  
-60.27 To 447.5 %



Min Ratio  
Max Ratio

K041-n.tendl Threshold 1.1000 MeV  
K041.endfb7.1 Threshold 1.0079 MeV

K041.endfb7.1/K041-n.tendl

25

Incident Energy (eV)

19-K -41

