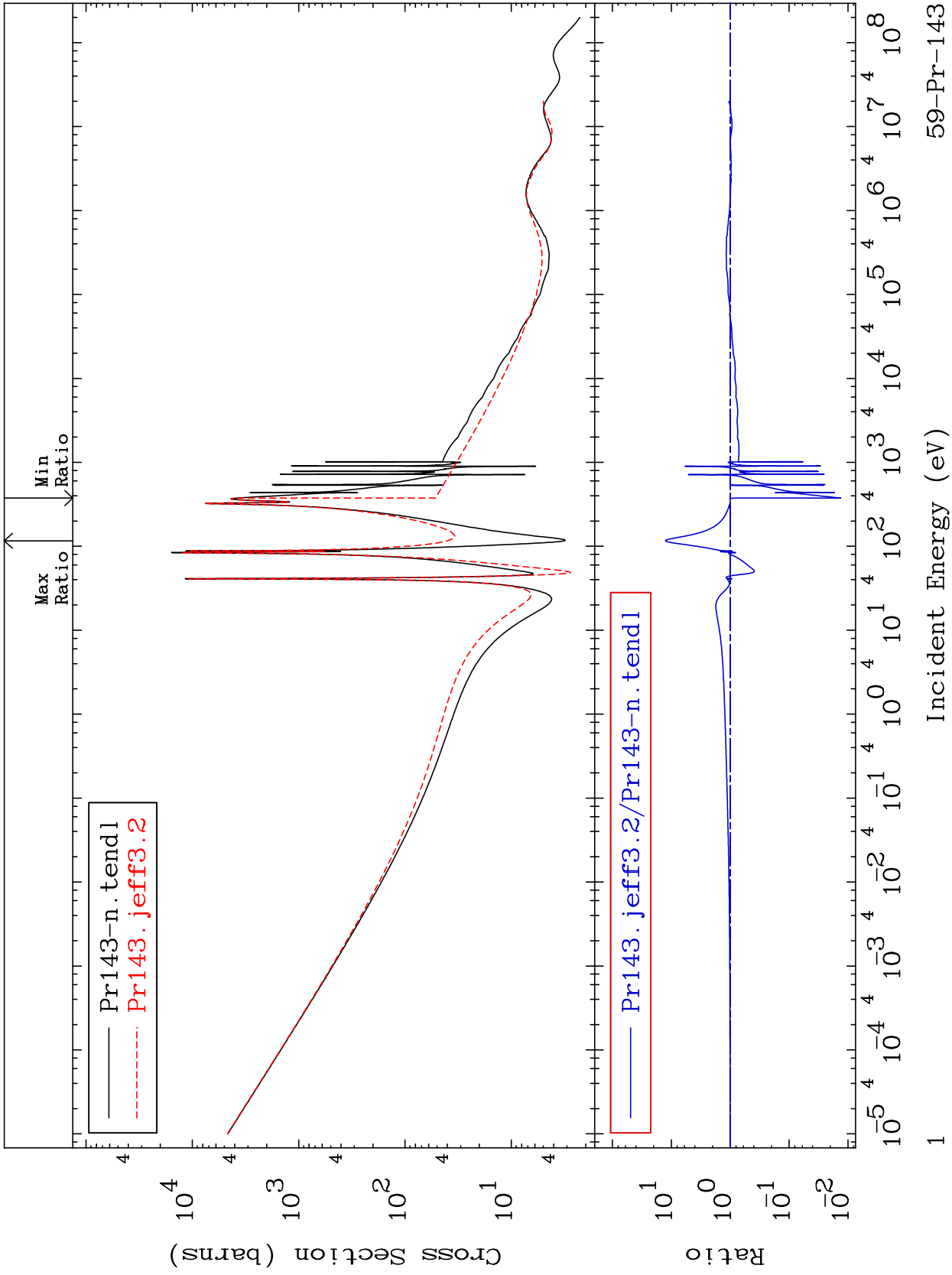


MAT 5931

Total Cross Section  
59-Pr-143  
-98.67 To 1157. %

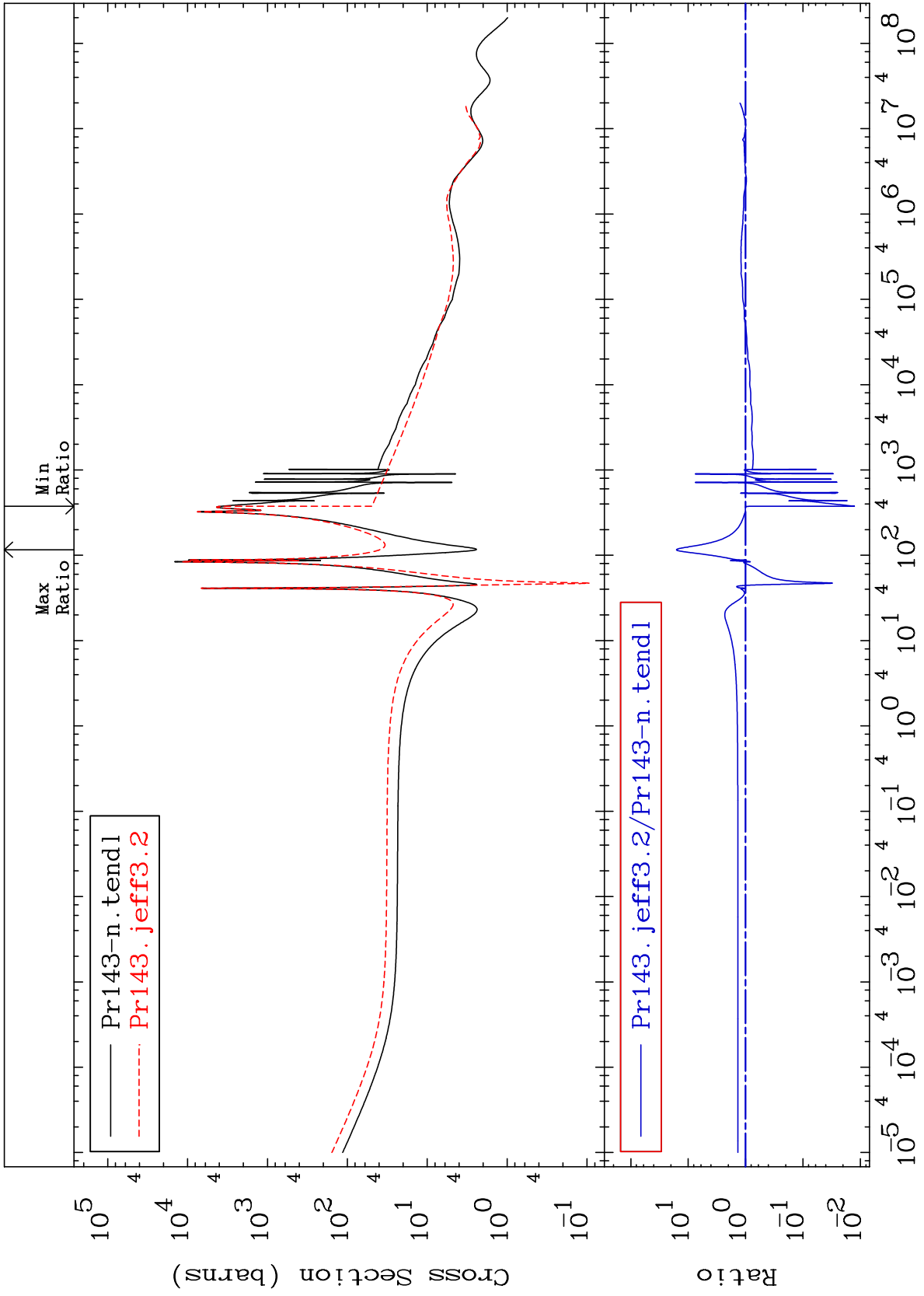


59-Pr-143

Incident Energy (eV)

Cross Section

-98.73 To 1508. %

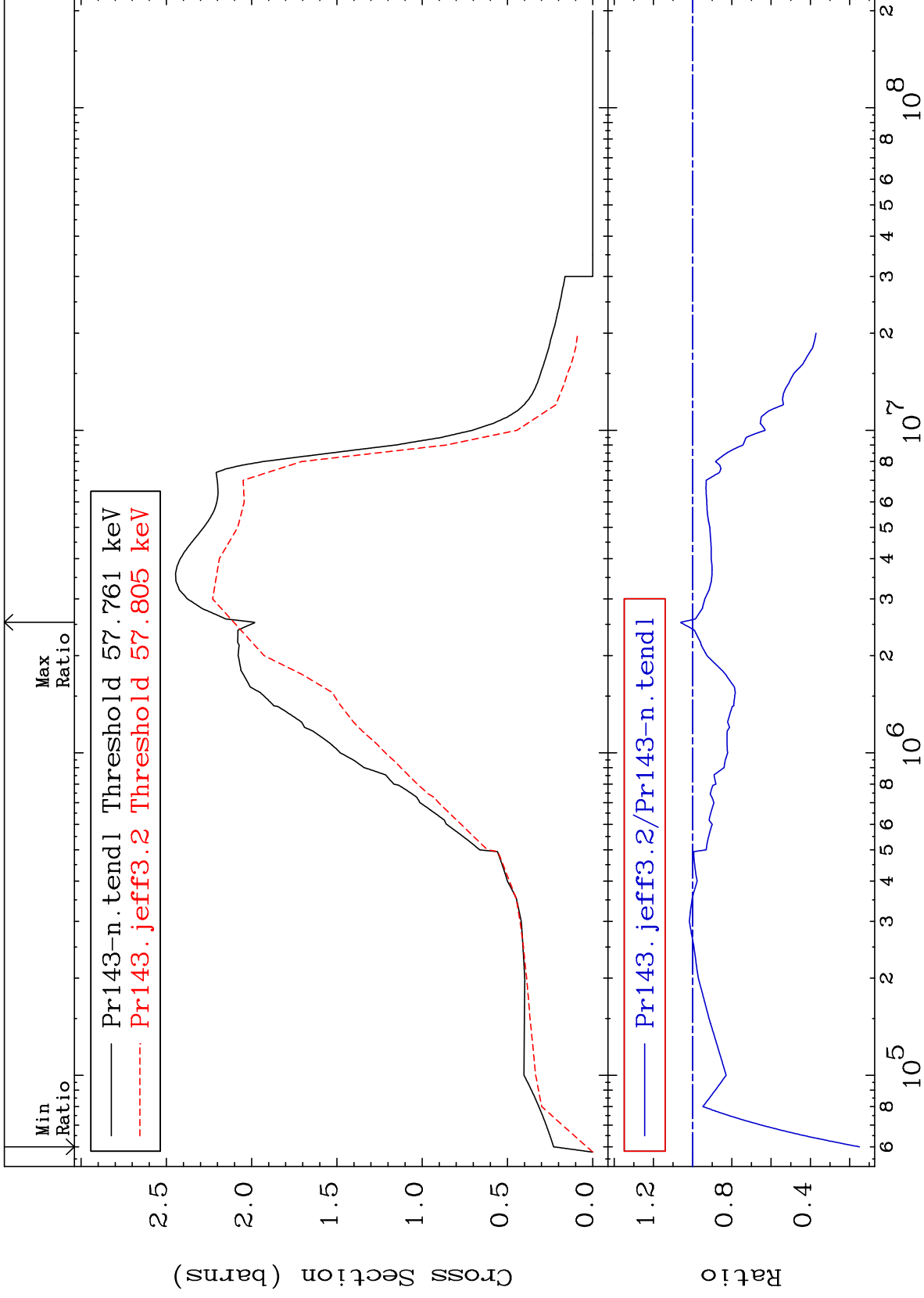


MAT 5931

59-Pr-143

-85.00 To 6.246 %

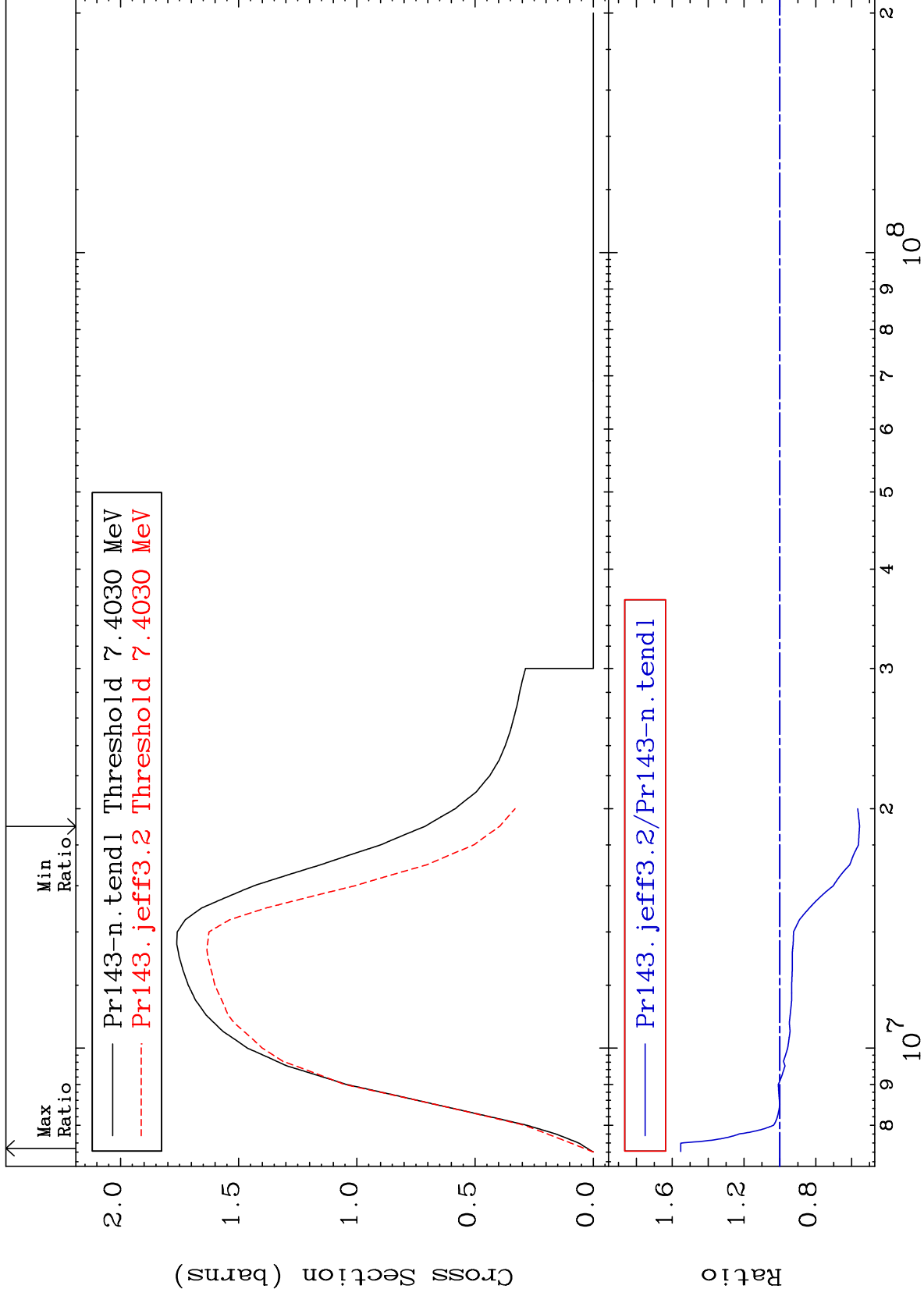
Inelastic  
Cross Section



MAT 5931

(n,2n)  
Cross Section

59-Pr-143  
-44.39 To 55.24 %



4

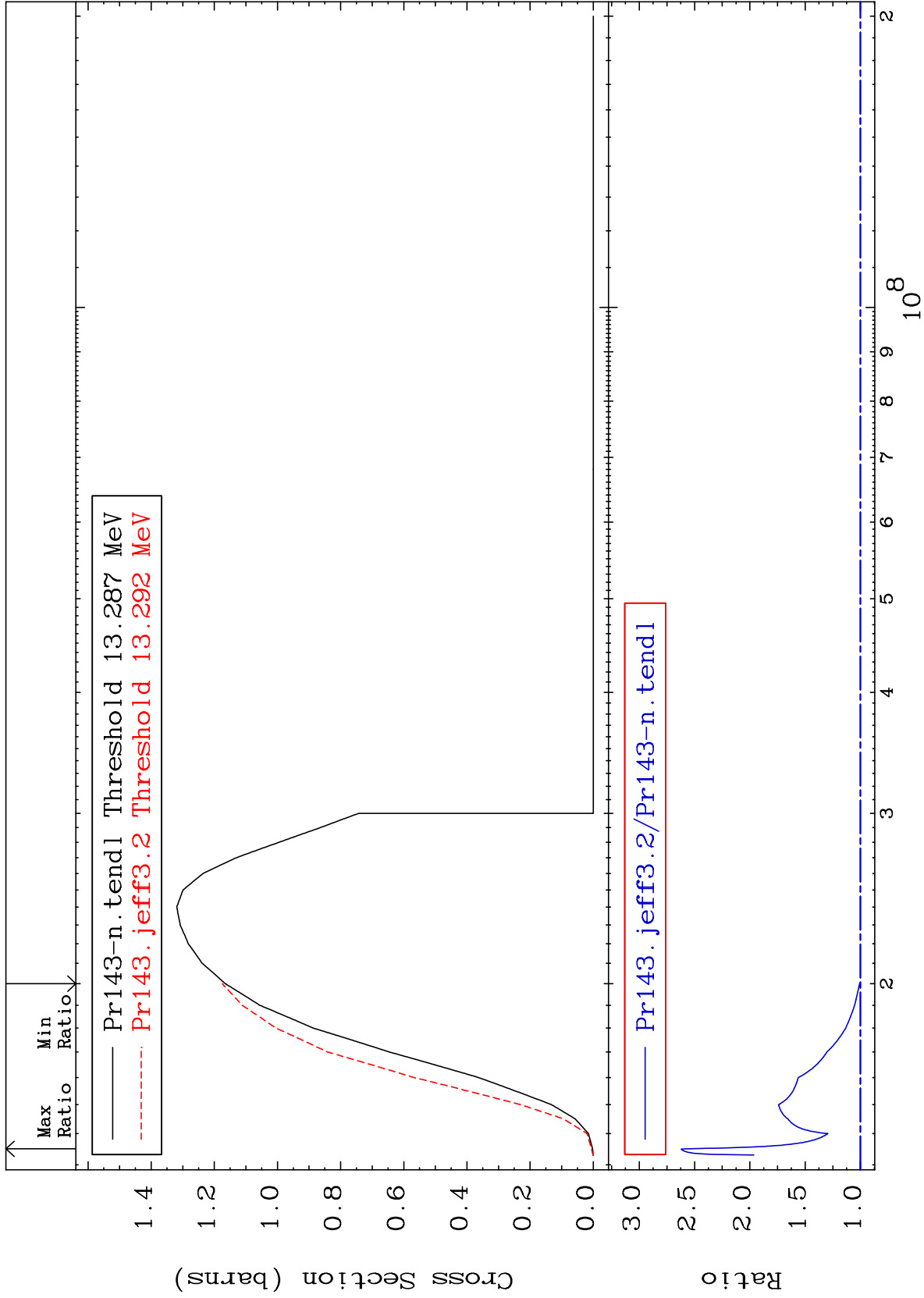
Incident Energy (eV)

59-Pr-143

Cross Section

0.828

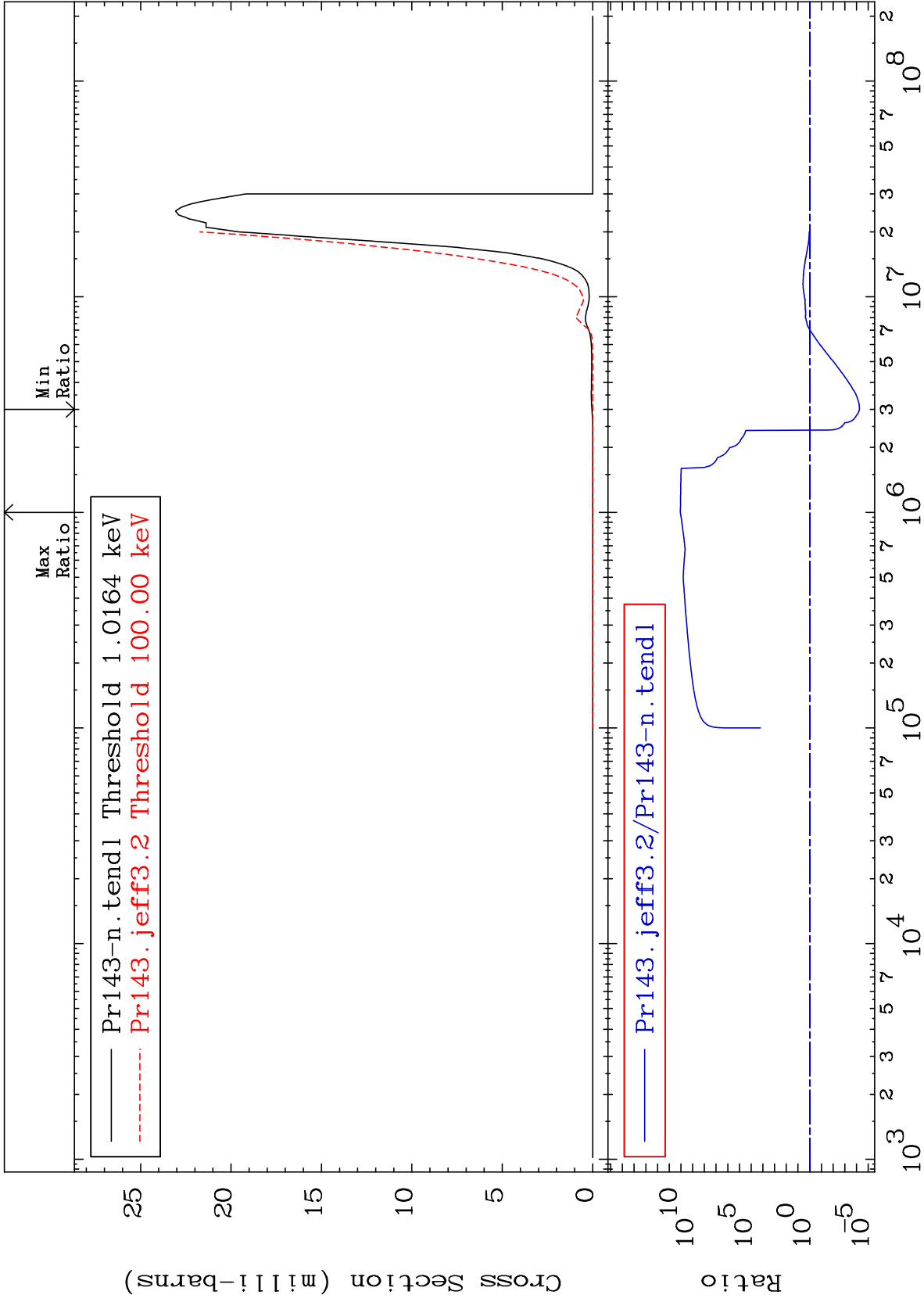
To 162.5 %



MAT 5931

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

59-Pr-143  
-99.99 To 9999. %



59-Pr-143

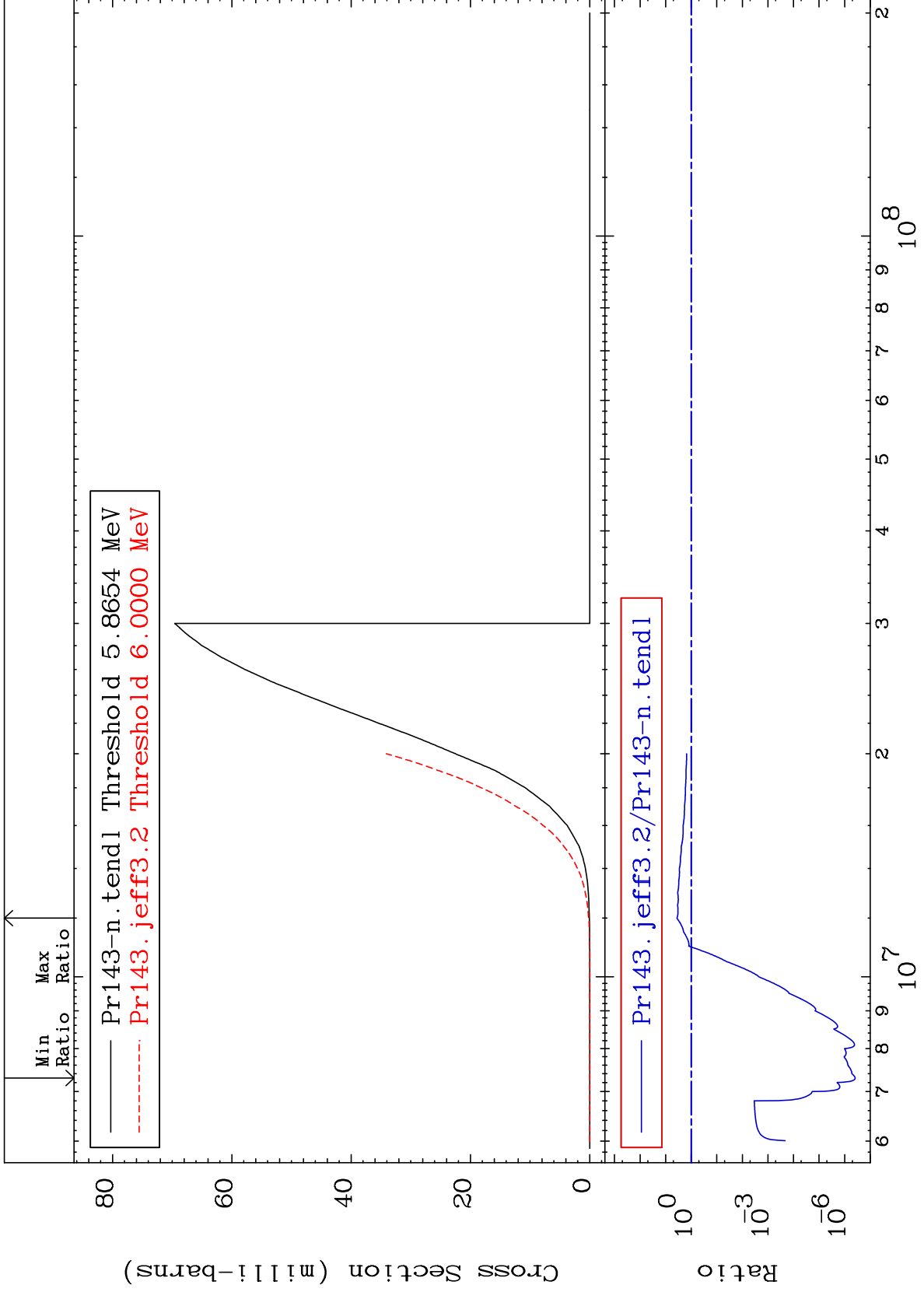
Incident Energy (eV)

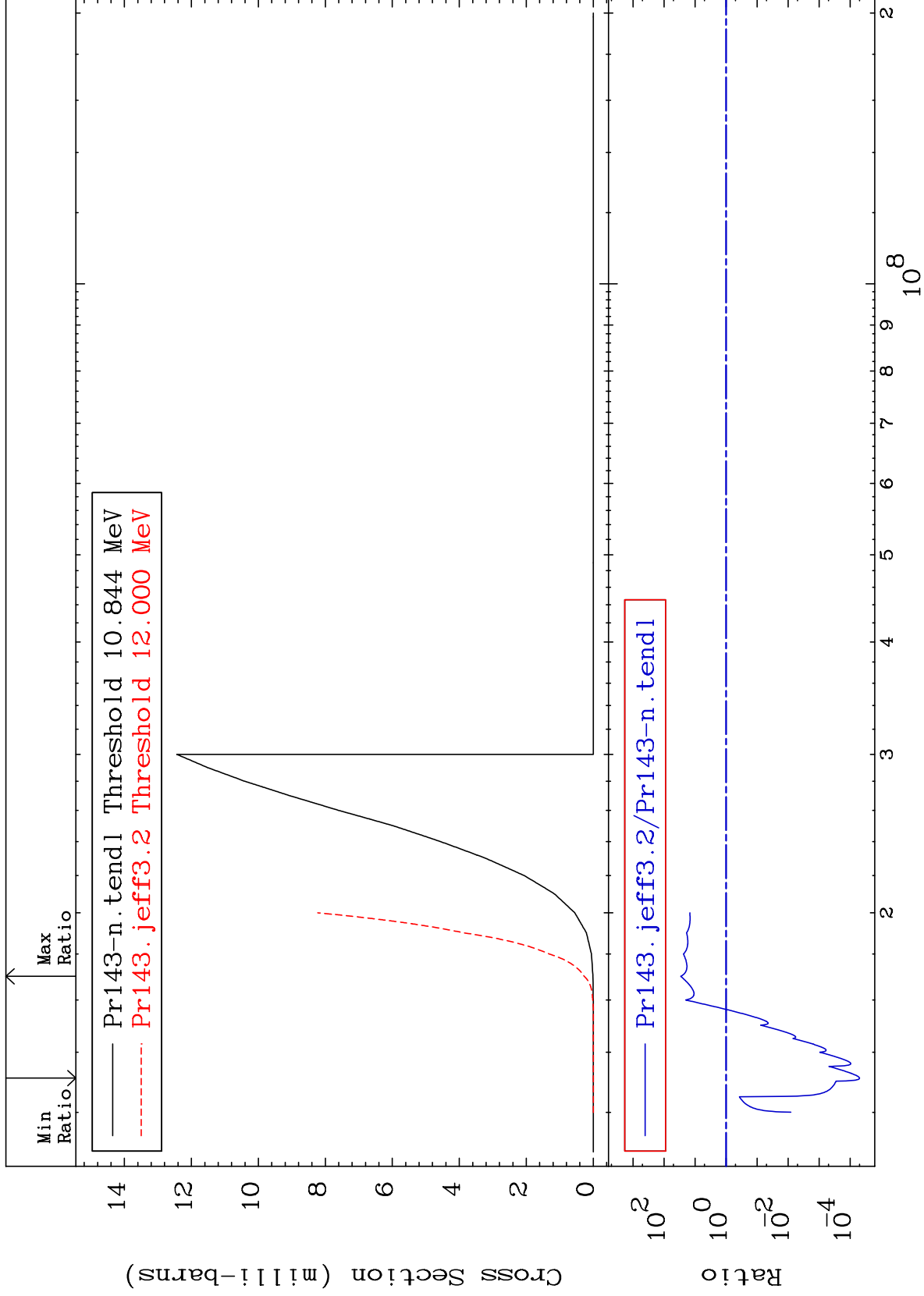
6

MAT 5931

(n,n') p  
Cross Section

59-Pr-143  
-100.0 To 262.6 %



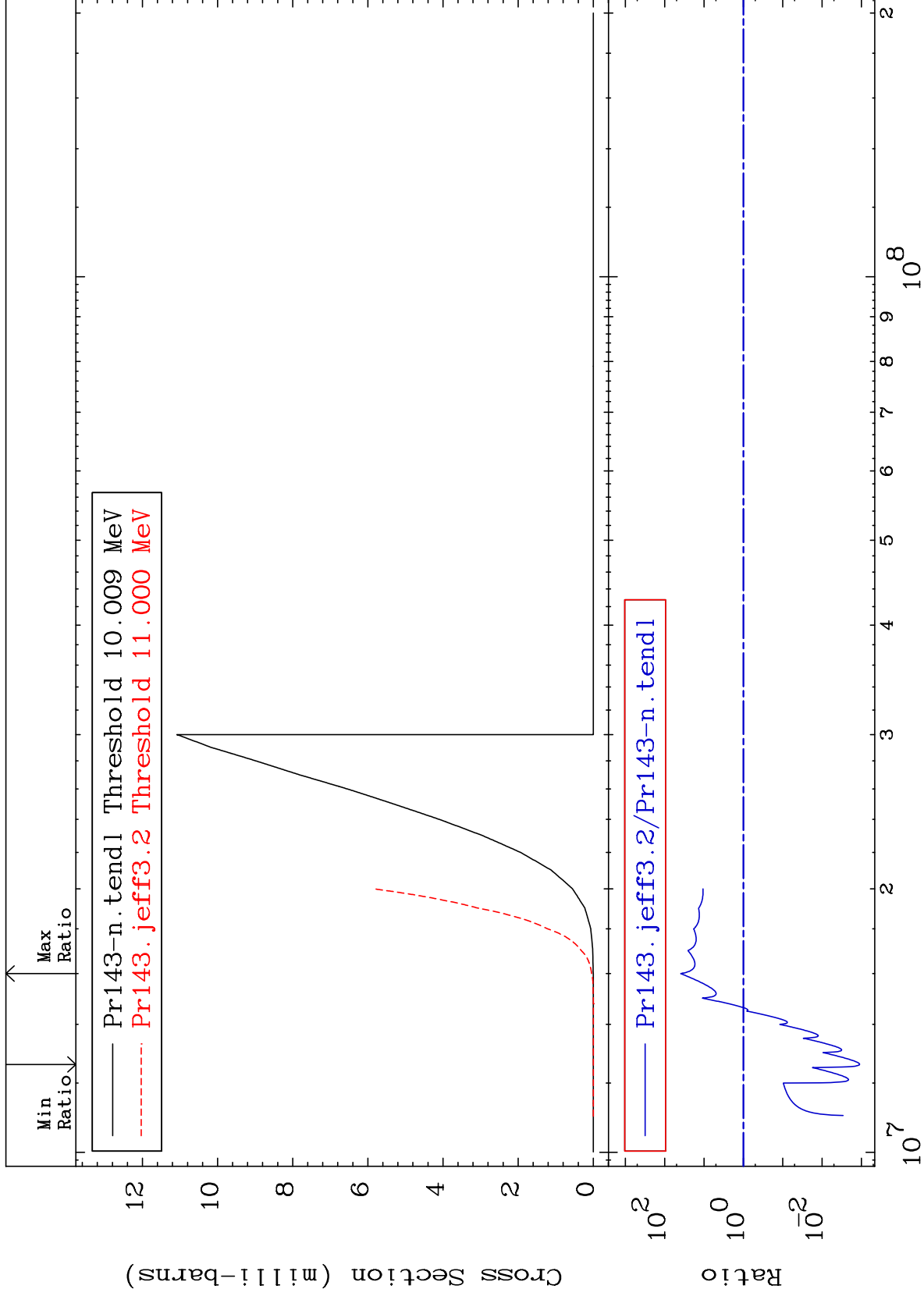




MAT 5931

(n,n') t  
Cross Section

59-Pr-143  
-99.89 To 3795. %

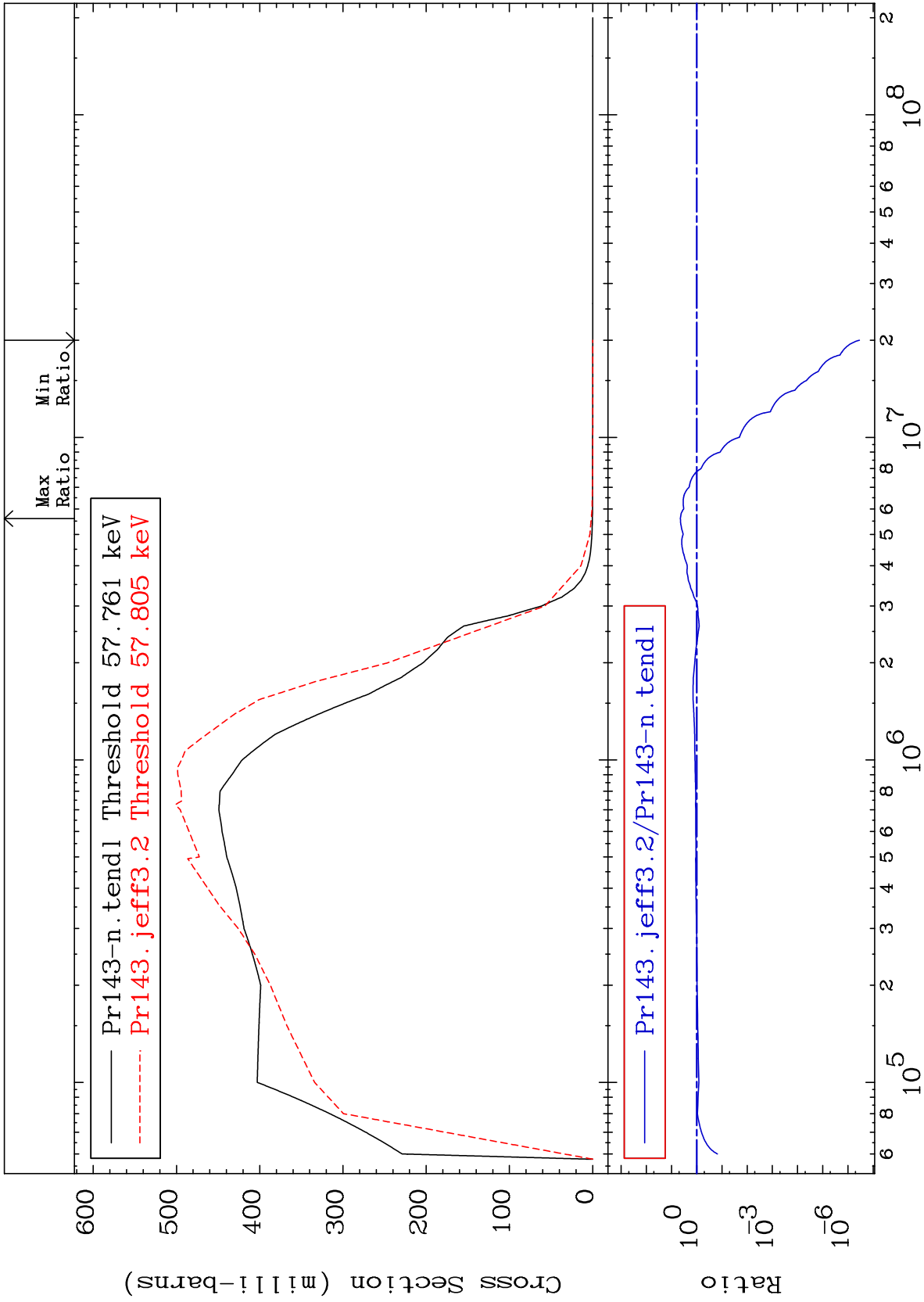


59-Pr-143

MAT 5931

57.36 keV (n,n') Level  
Cross Section

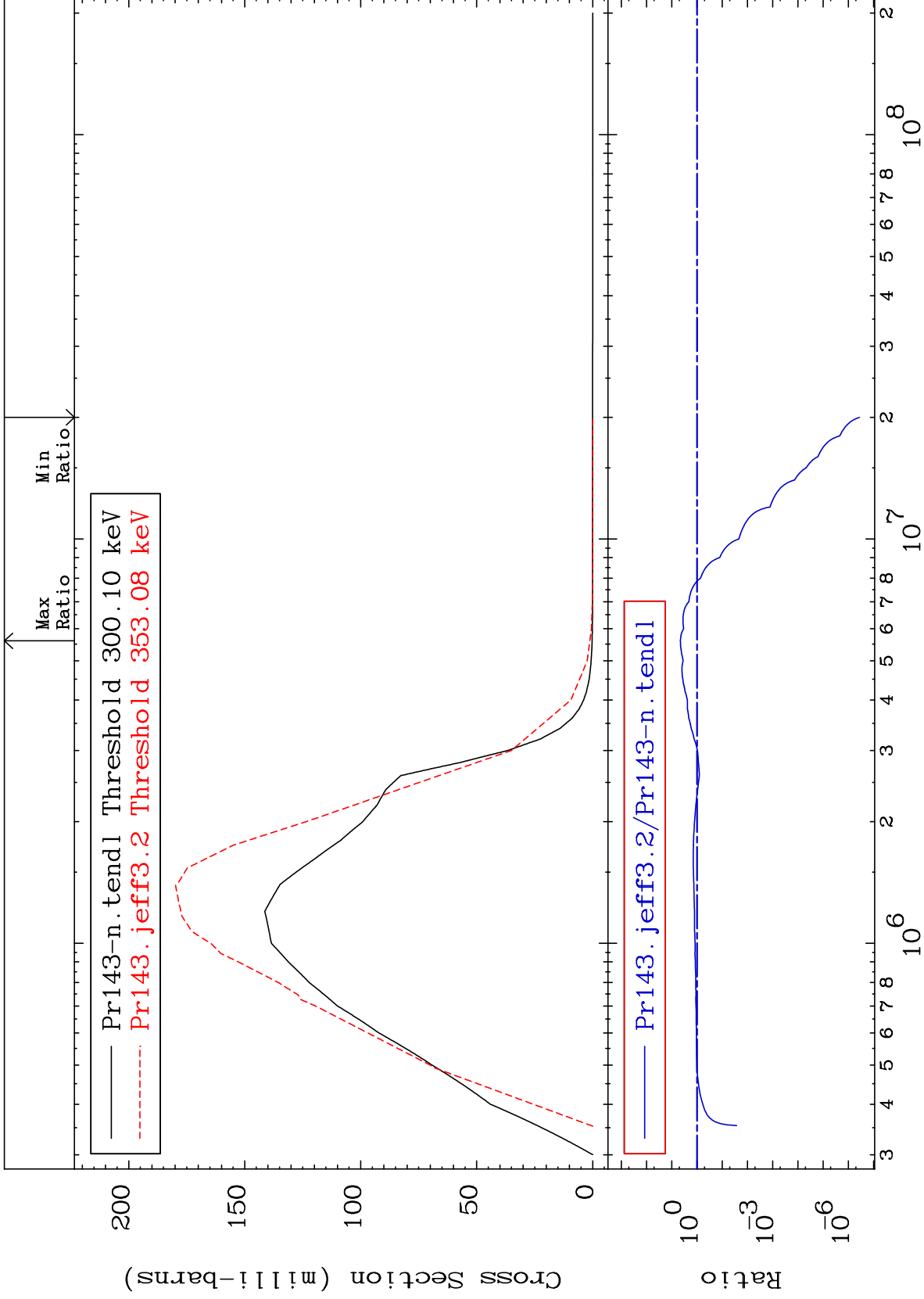
59-Pr-143  
-100.0 To 347.1 %



10

Incident Energy (eV)

59-Pr-143



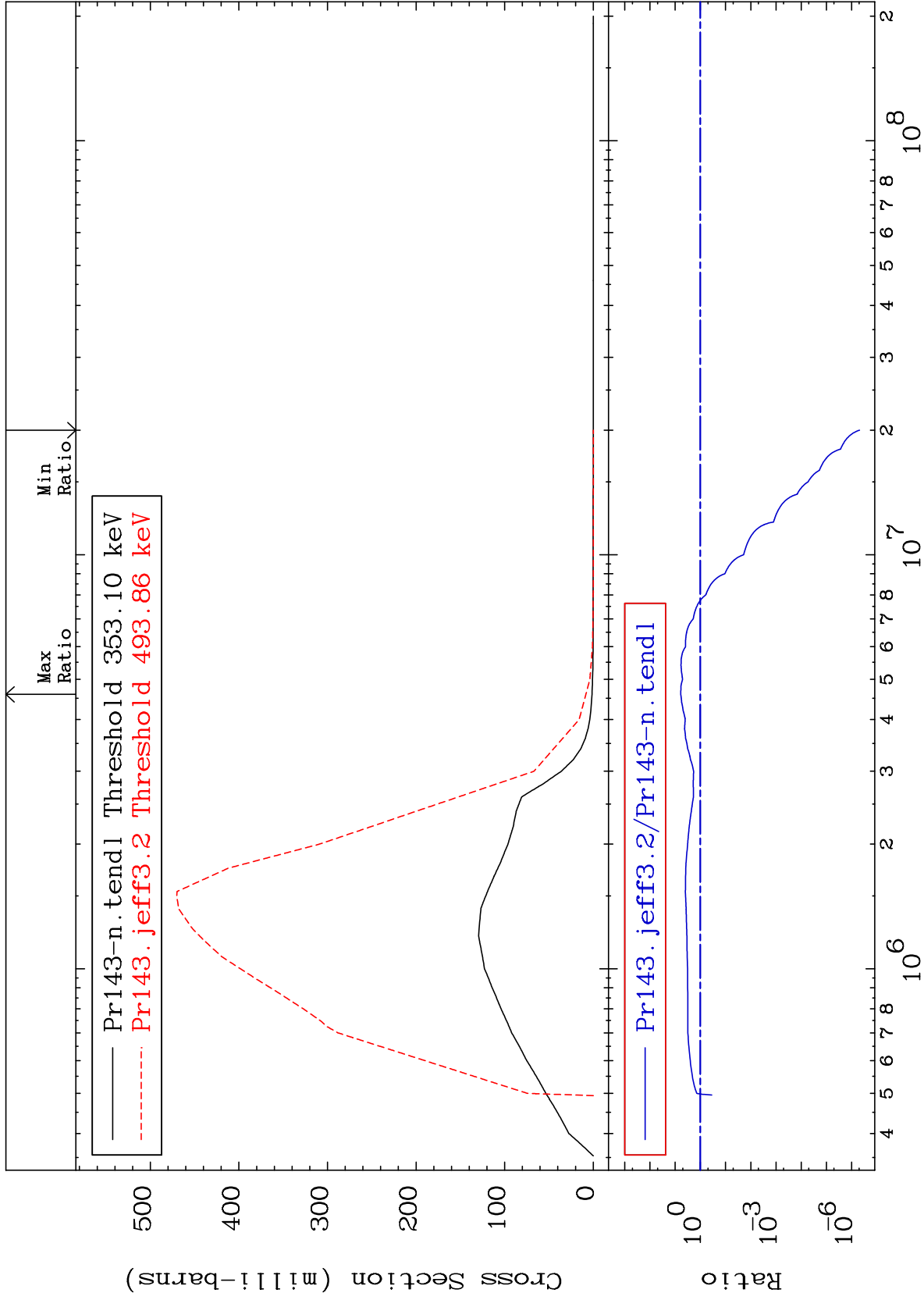
MAT 5931

350.6 keV (n,n') Level

59-Pr-143

-100.0 To 500.5 %

Cross Section



12

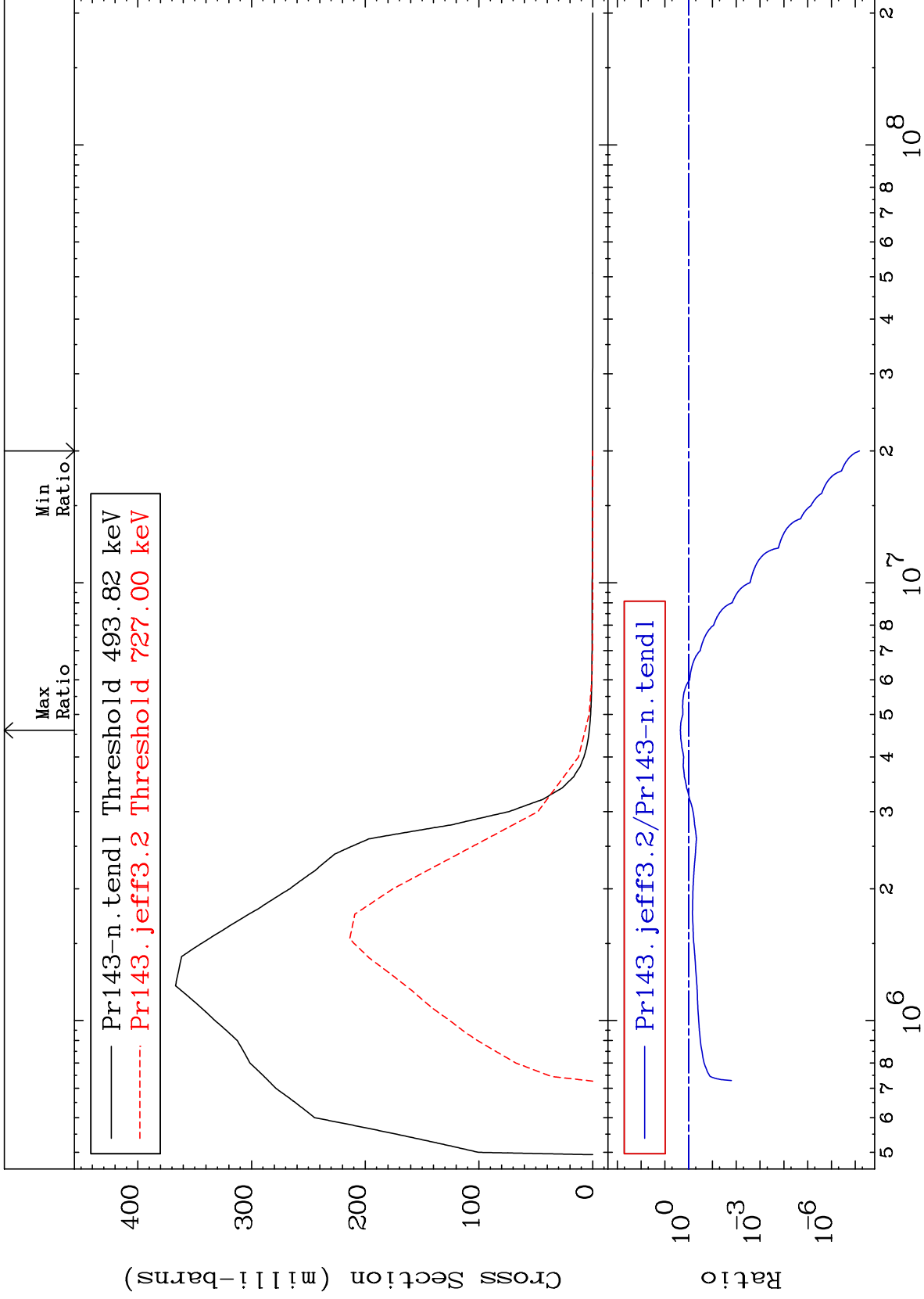
Incident Energy (eV)

59-Pr-143

MAT 5931

490.4 keV (n,n') Level  
Cross Section

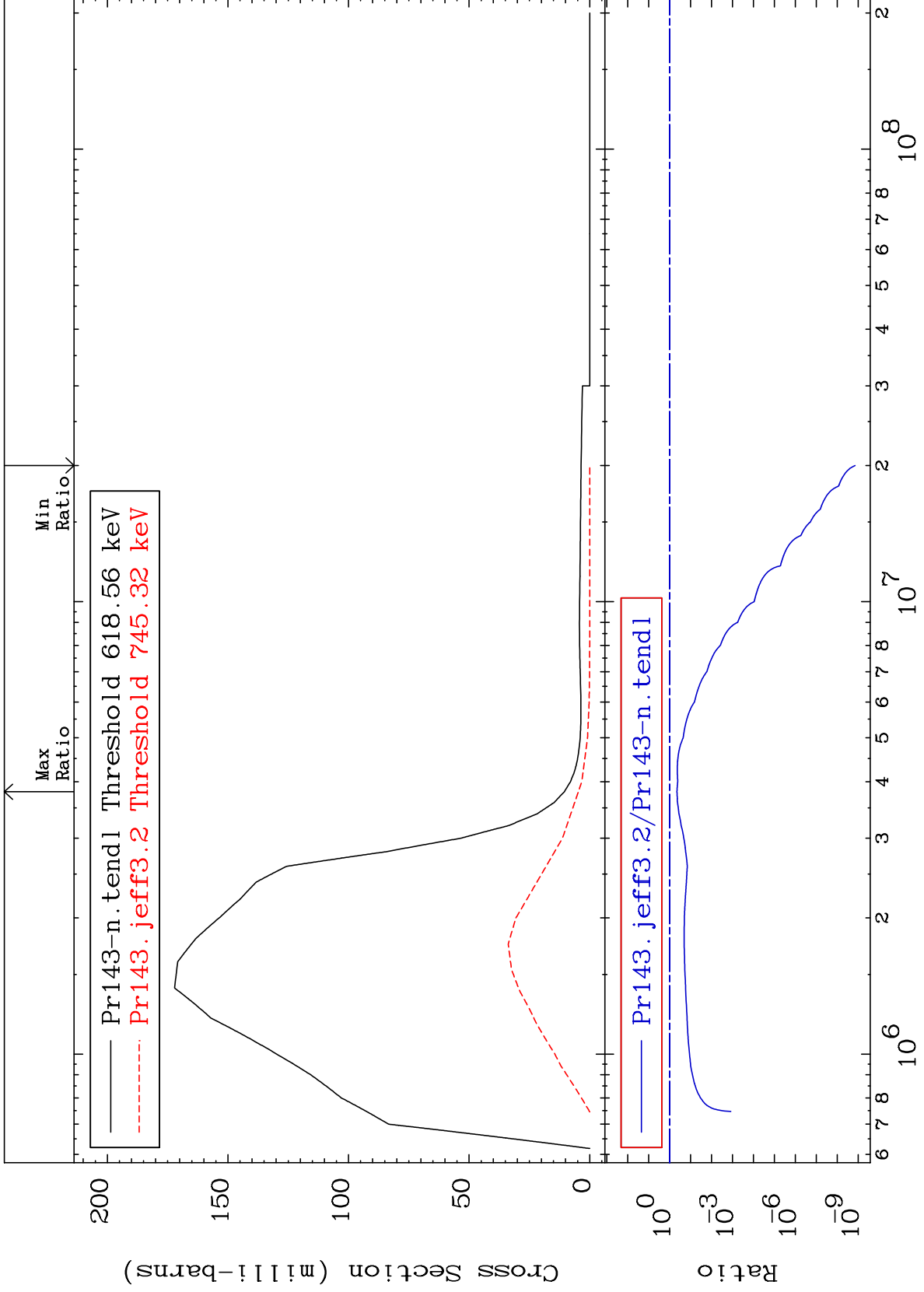
59-Pr-143  
-100.0 To 123.1 %



MAT 5931

614.2 keV (n,n') Level  
Cross Section

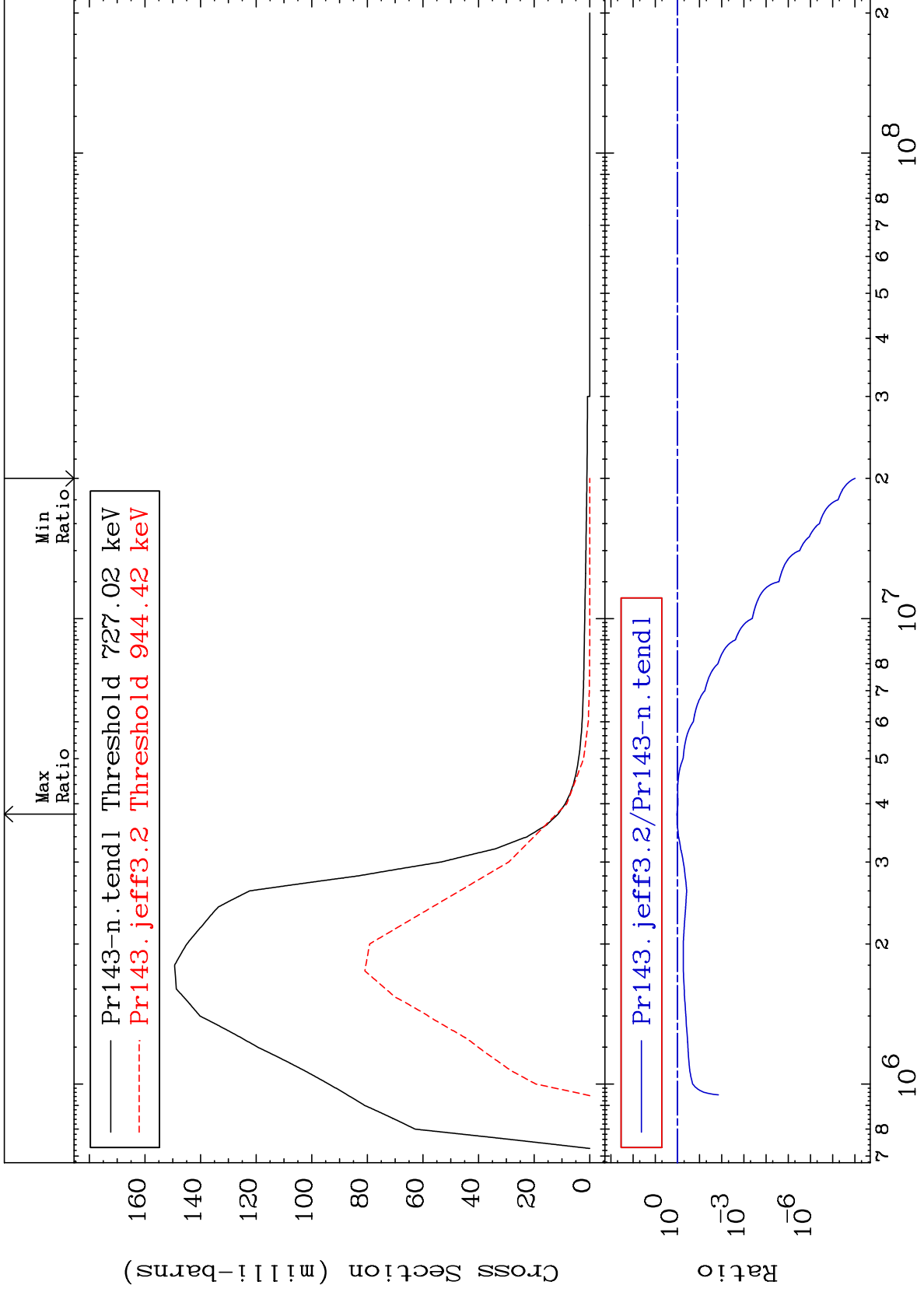
59-Pr-143  
-100.0 To -55.17%



MAT 5931

721.9 keV (n,n') Level  
Cross Section

59-Pr-143  
-100.0 To 5.028 %



15

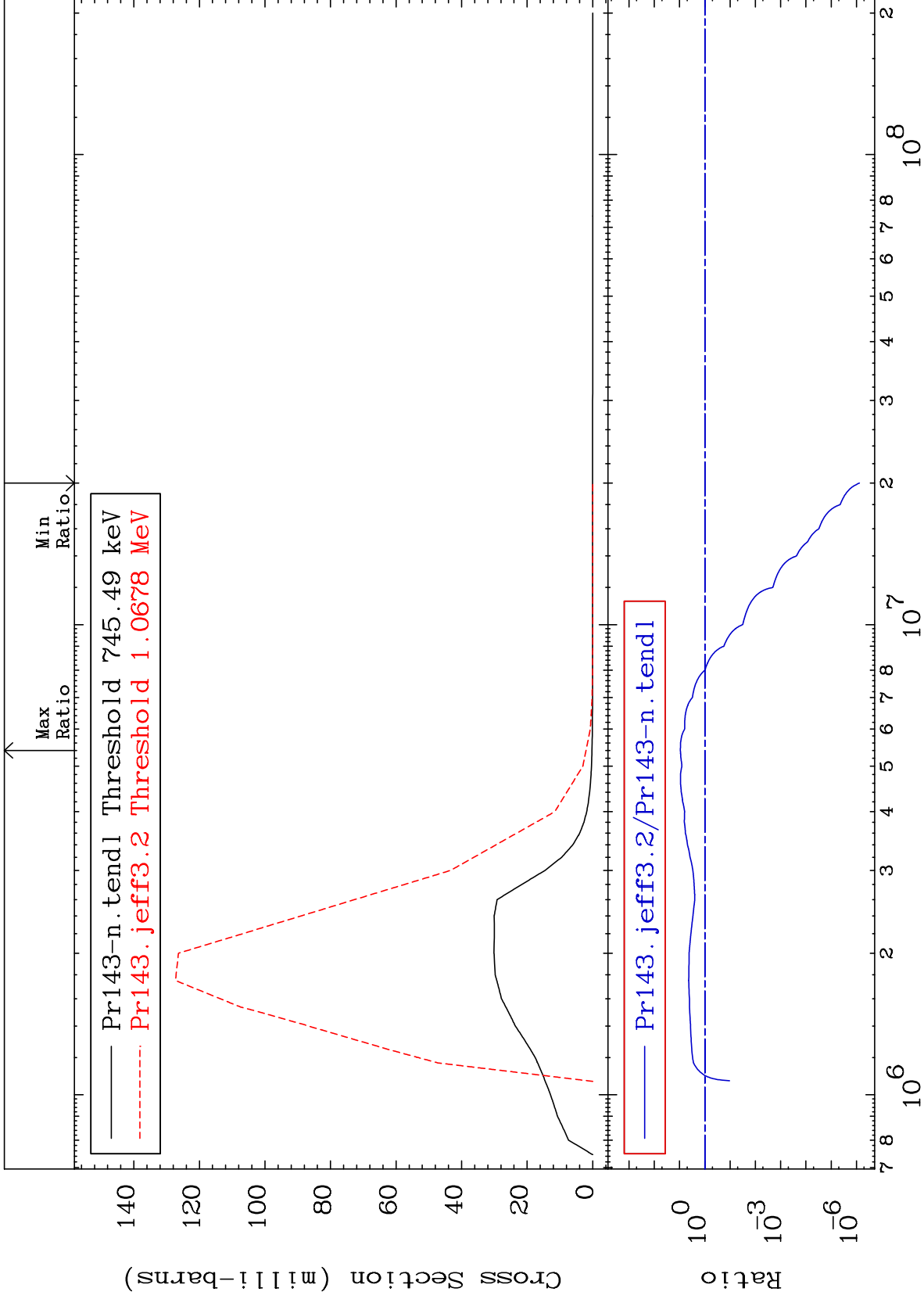
Incident Energy (eV)

59-Pr-143

MAT 5931

740.3 keV (n,n') Level  
Cross Section

59-Pr-143  
-100.0 To 829.5 %



16

Incident Energy (eV)

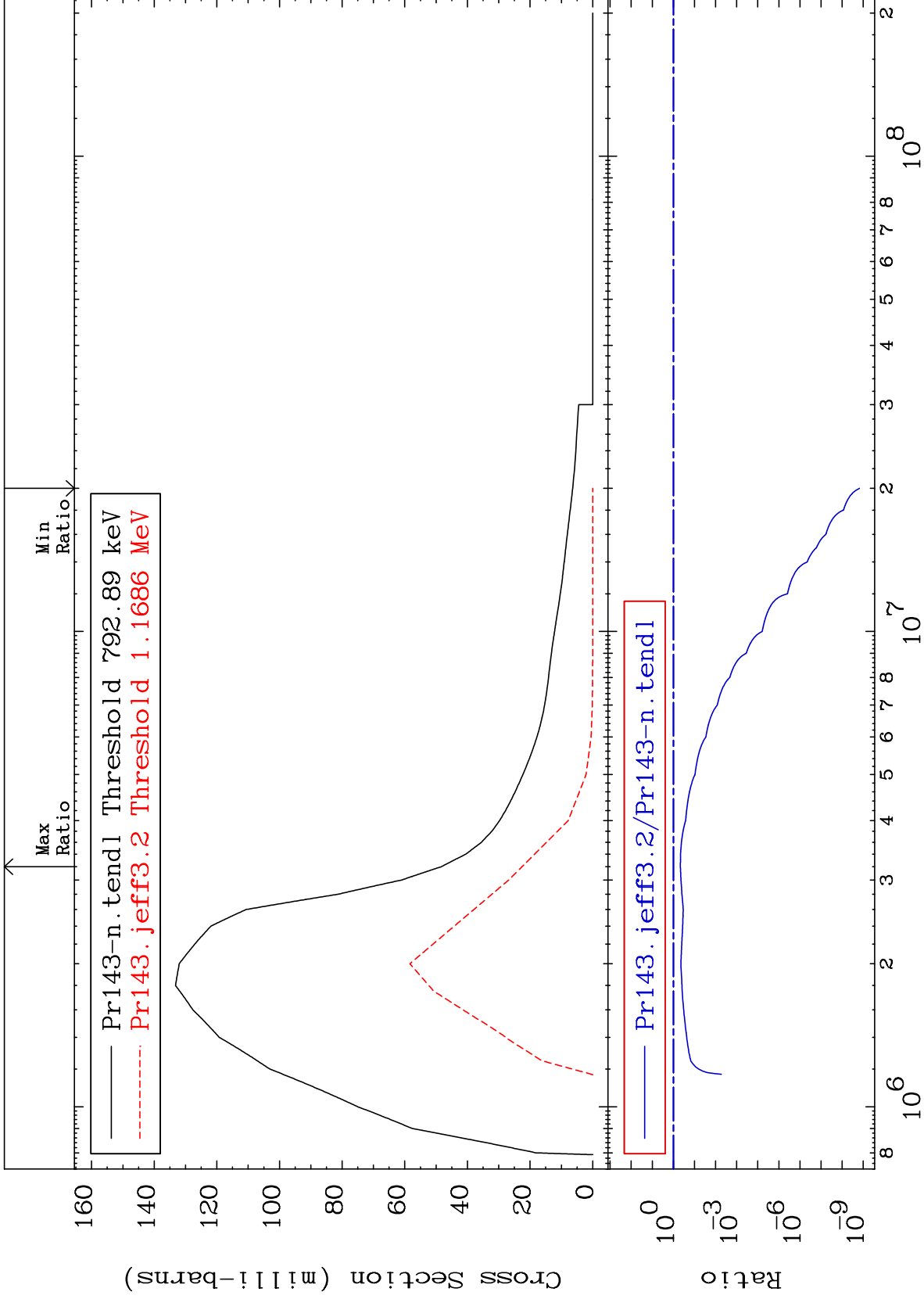
59-Pr-143



MAT 5931

787.3 keV (n,n') Level  
Cross Section

59-Pr-143  
-100.0 To -53.32%



17

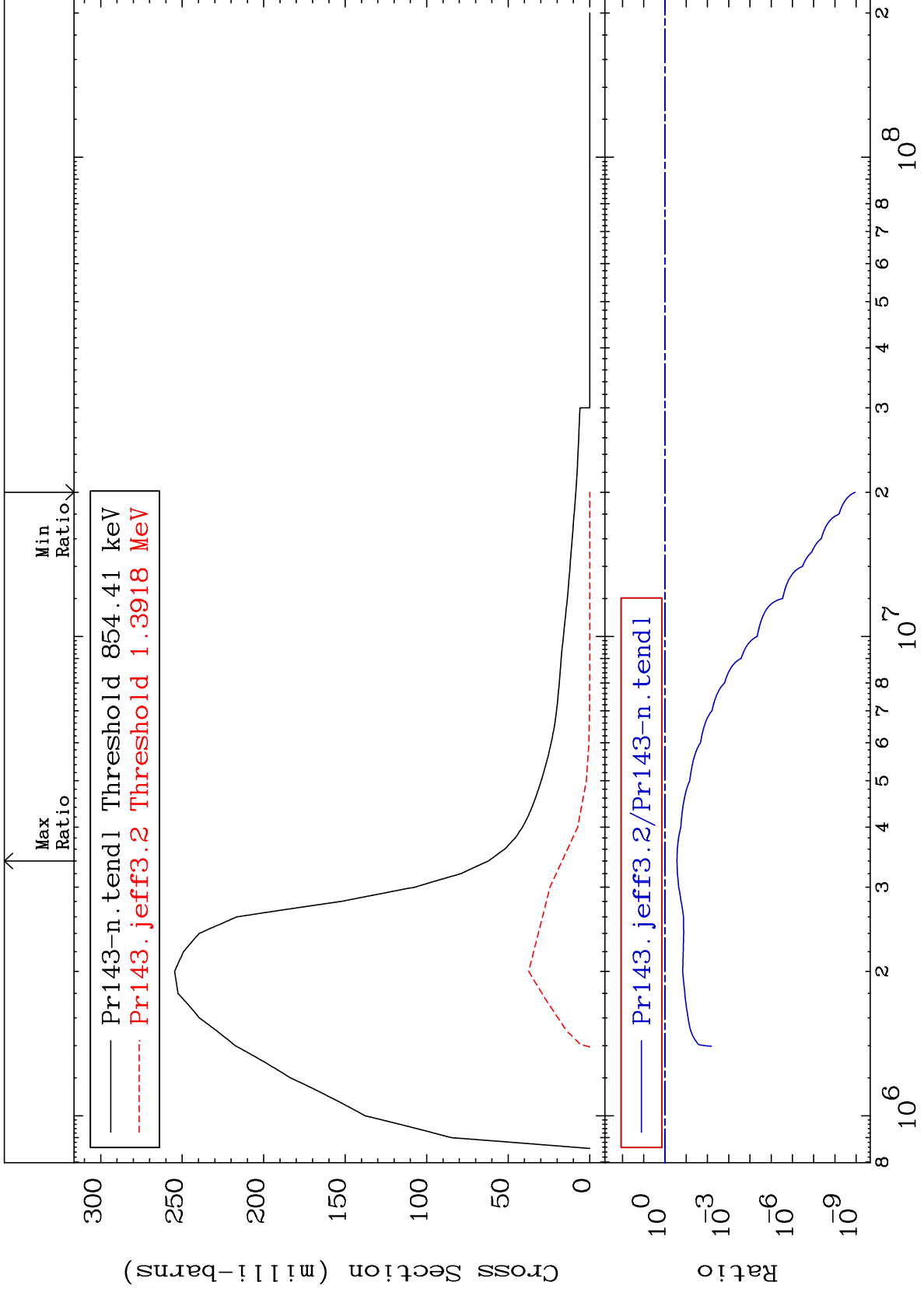
Incident Energy (eV)

59-Pr-143

MAT 5931

848.4 keV (n,n') Level  
Cross Section

59-Pr-143  
-100.0 To -72.72%



18

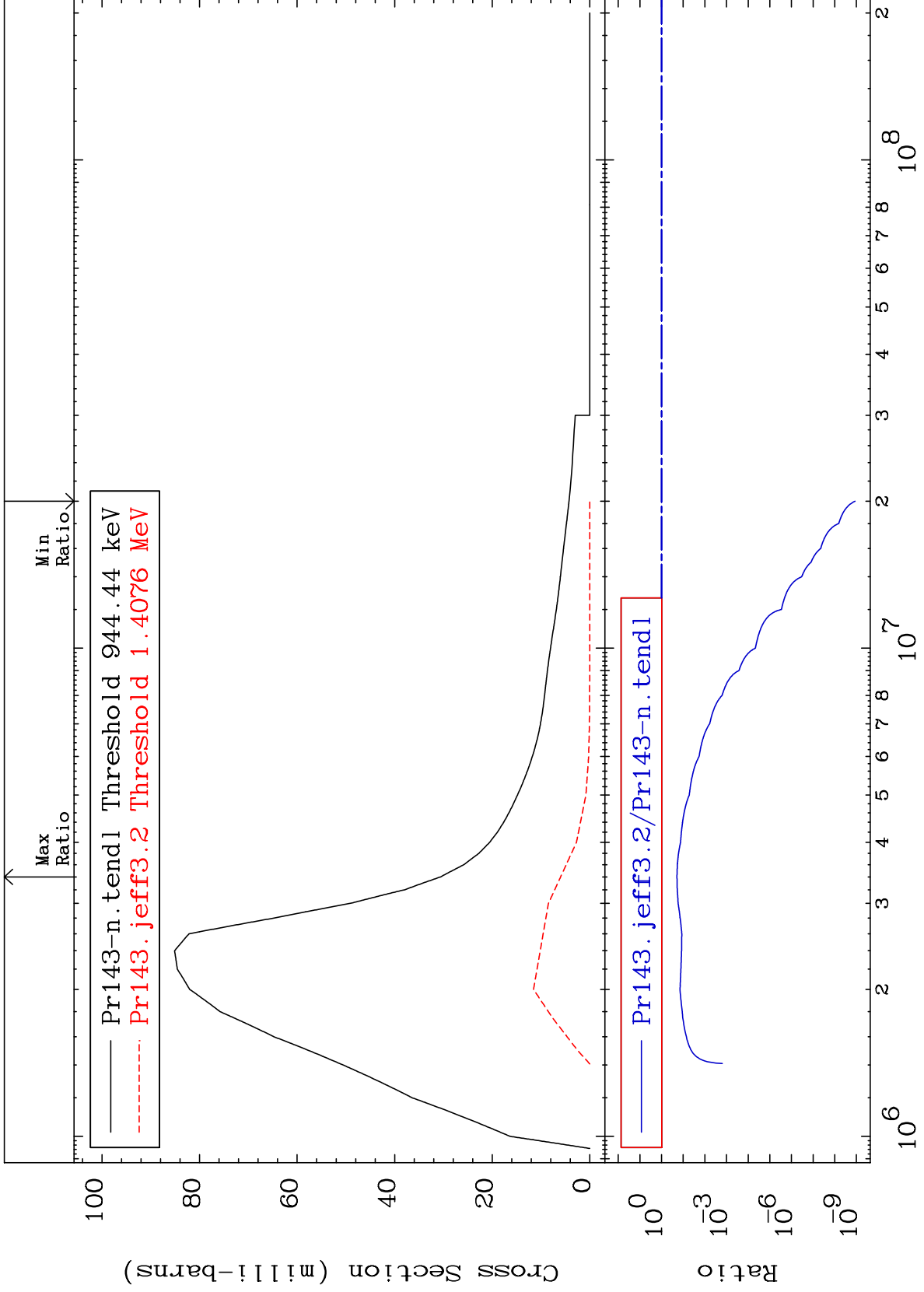
Incident Energy (eV)

59-Pr-143

MAT 5931

937.8 keV (n,n') Level  
Cross Section

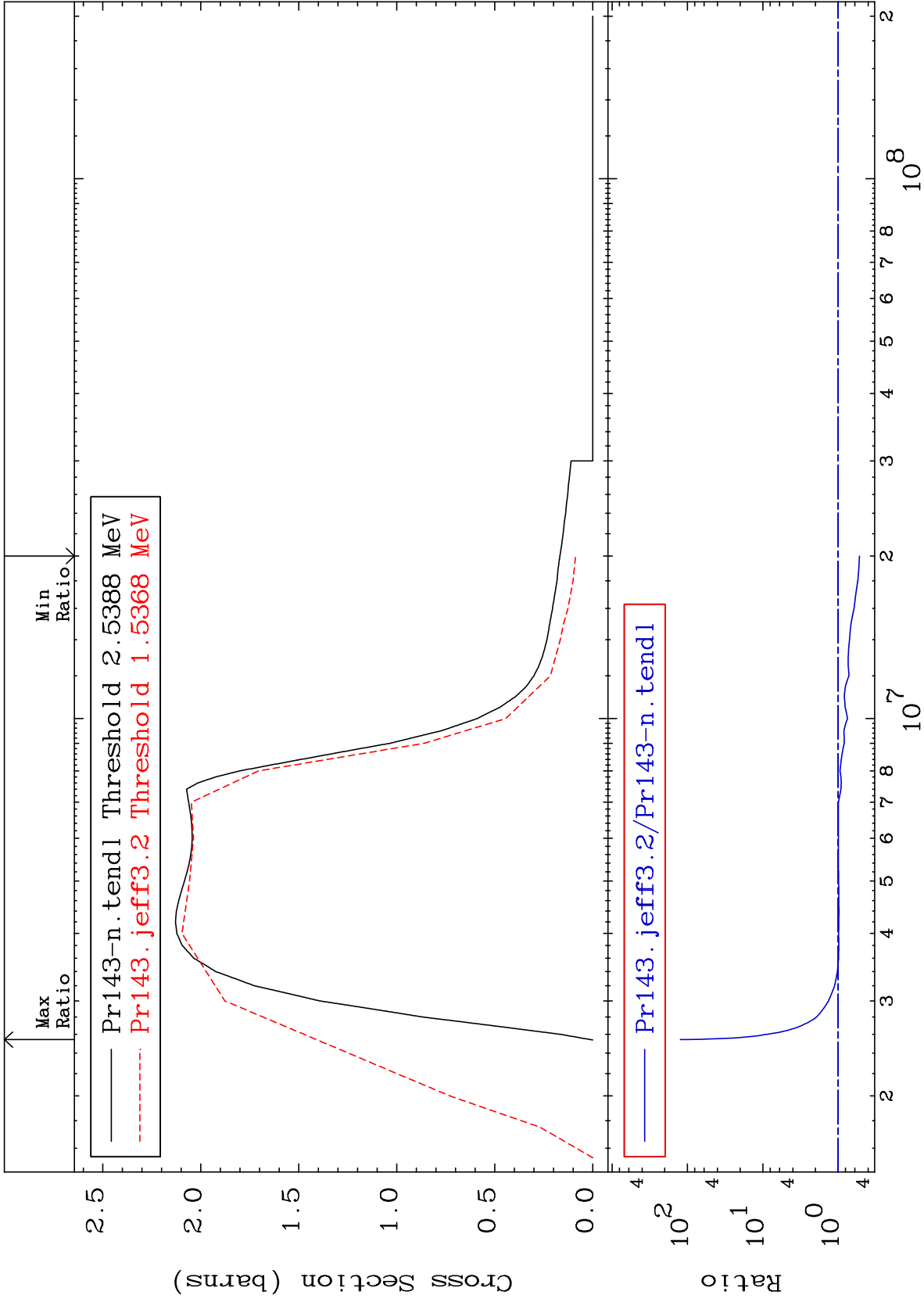
59-Pr-143  
-100.0 To -80.49%

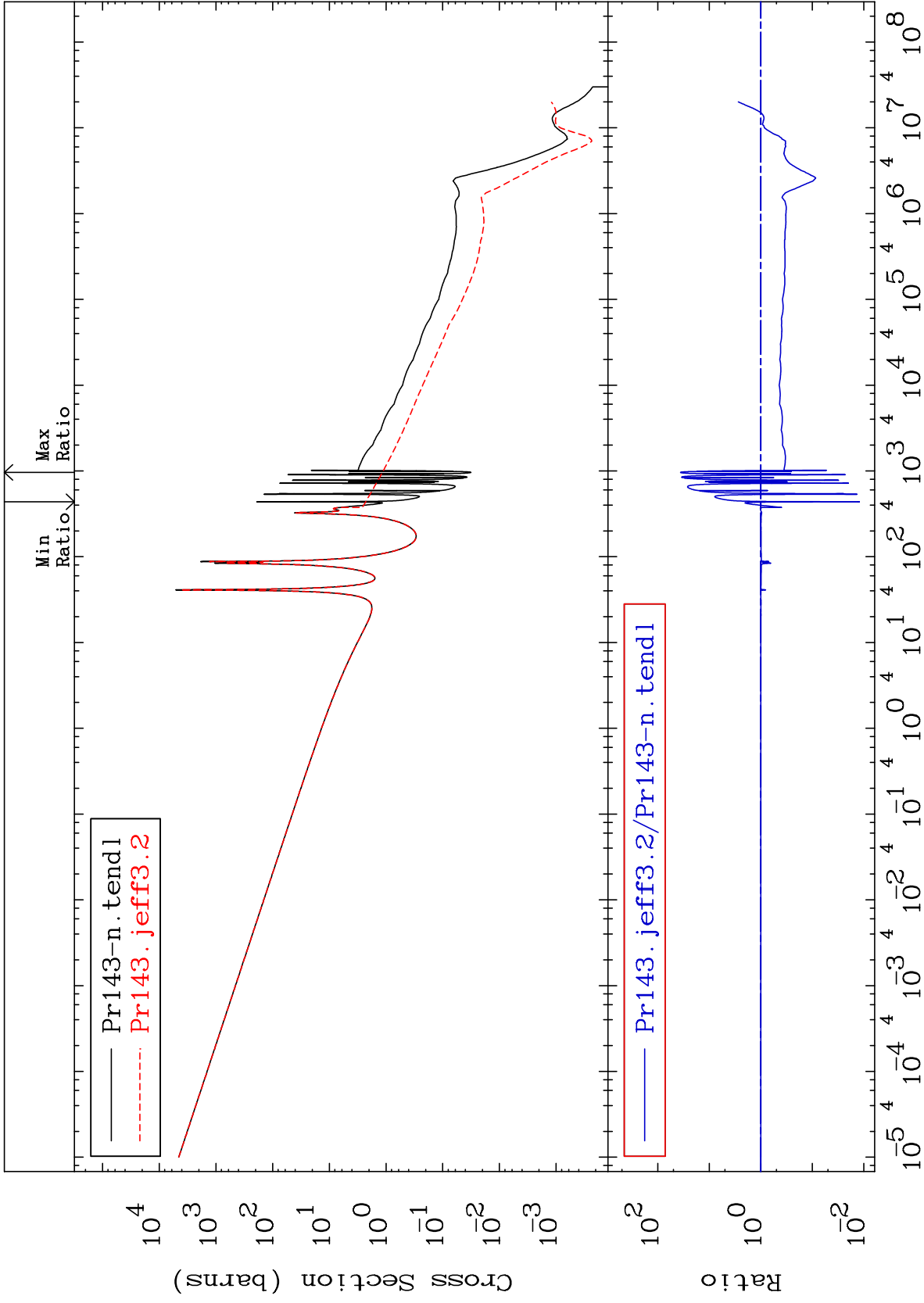


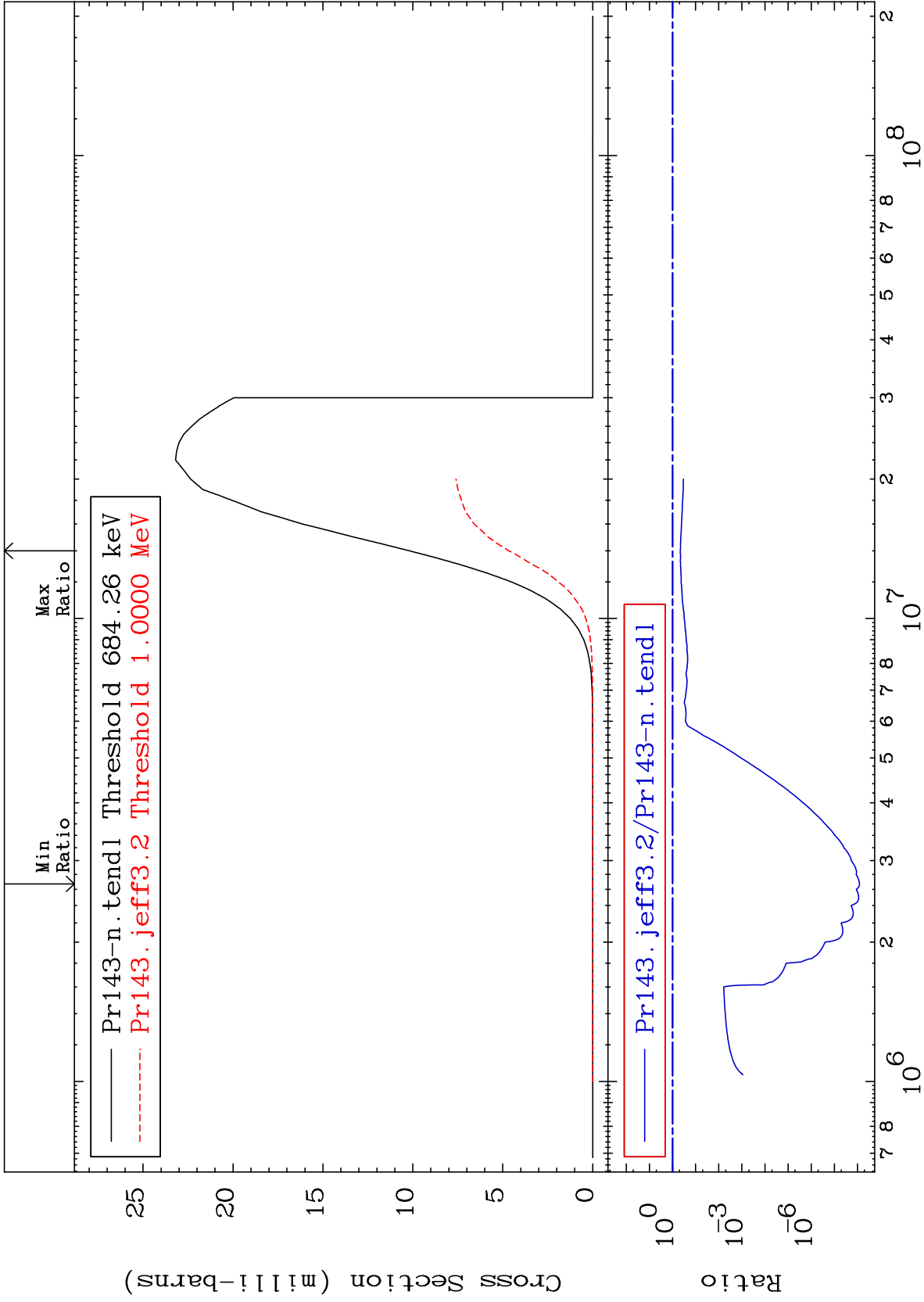
19

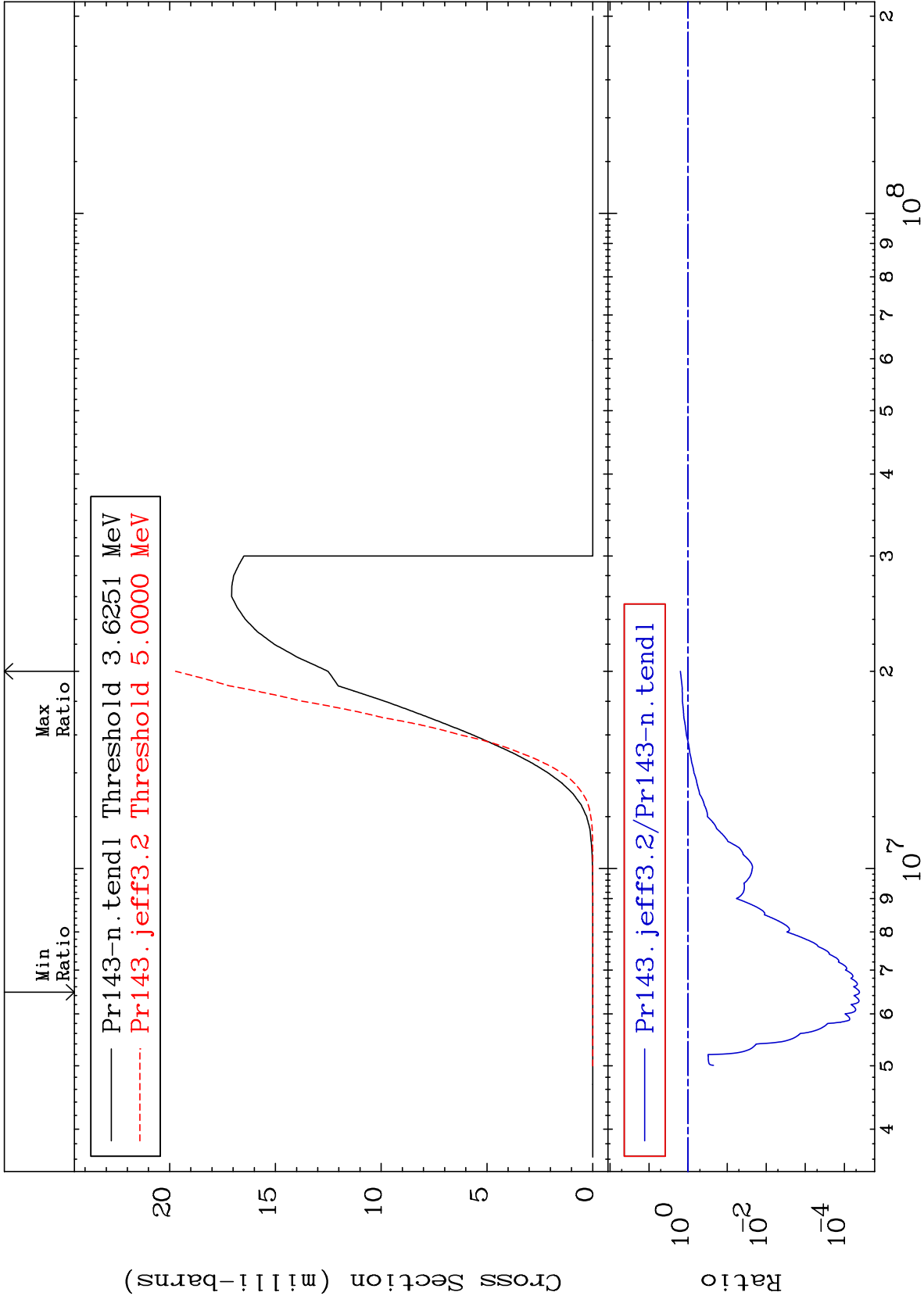
Incident Energy (eV)

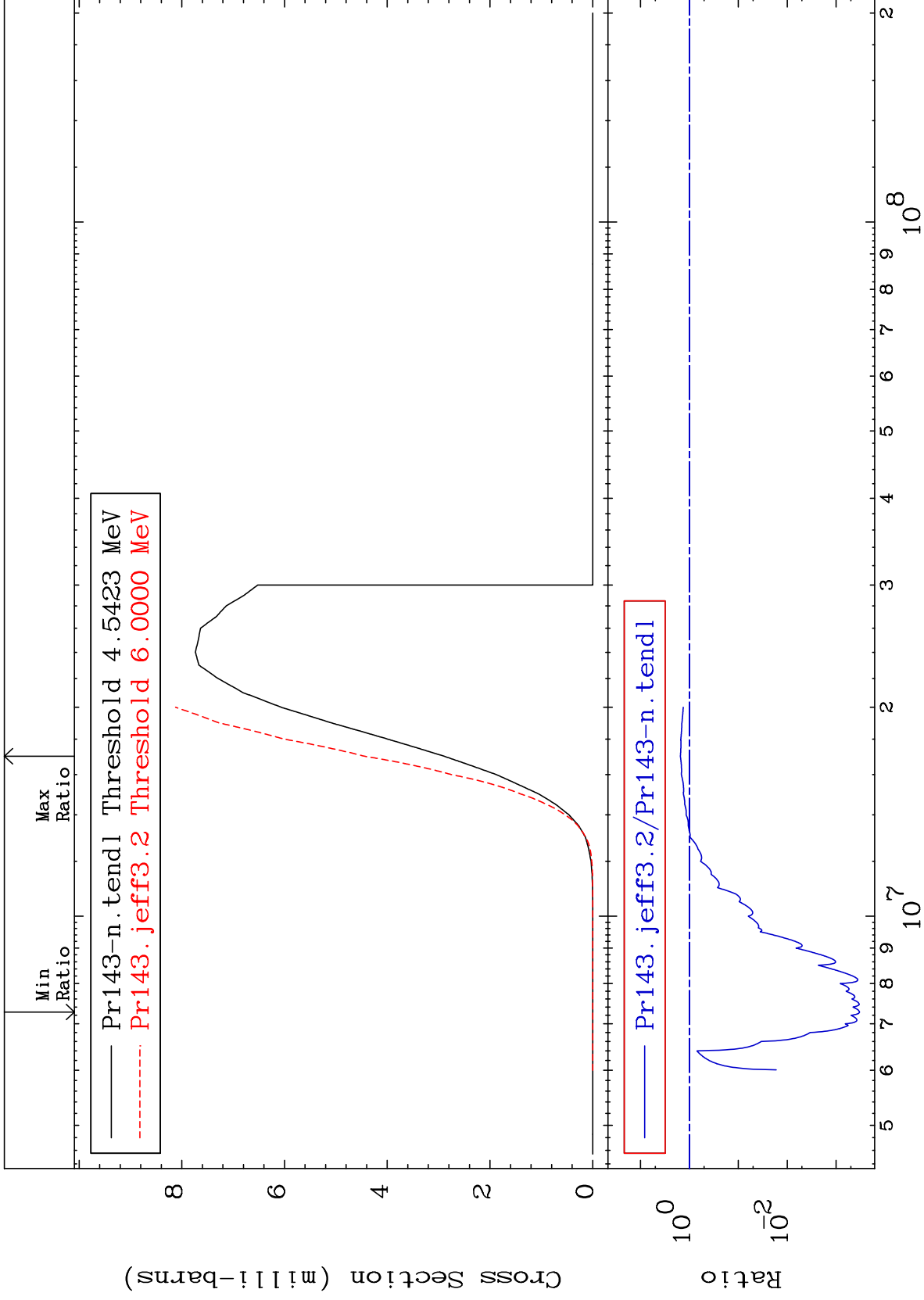
59-Pr-143







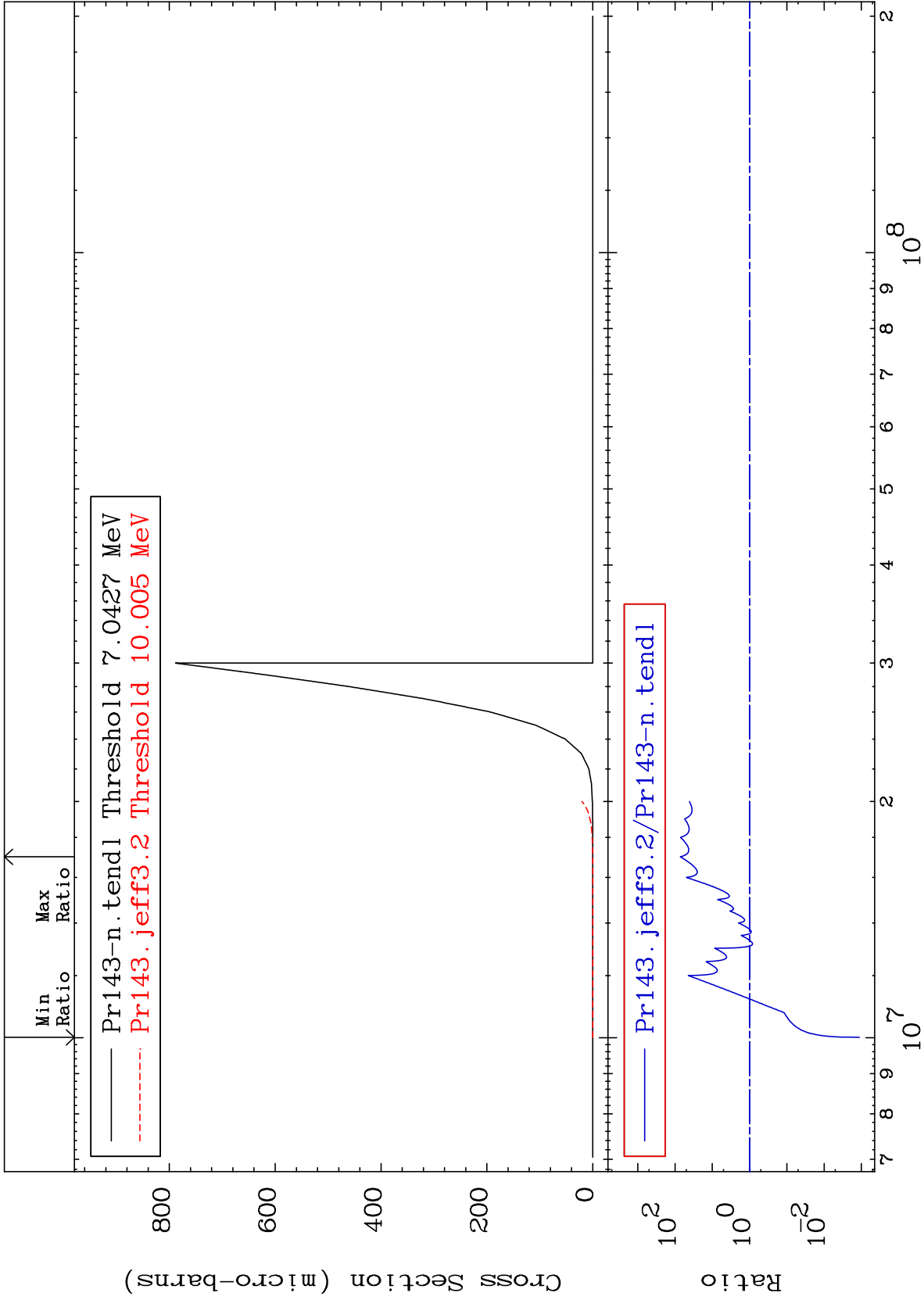






Cross Section

-99.89 To 7107. %



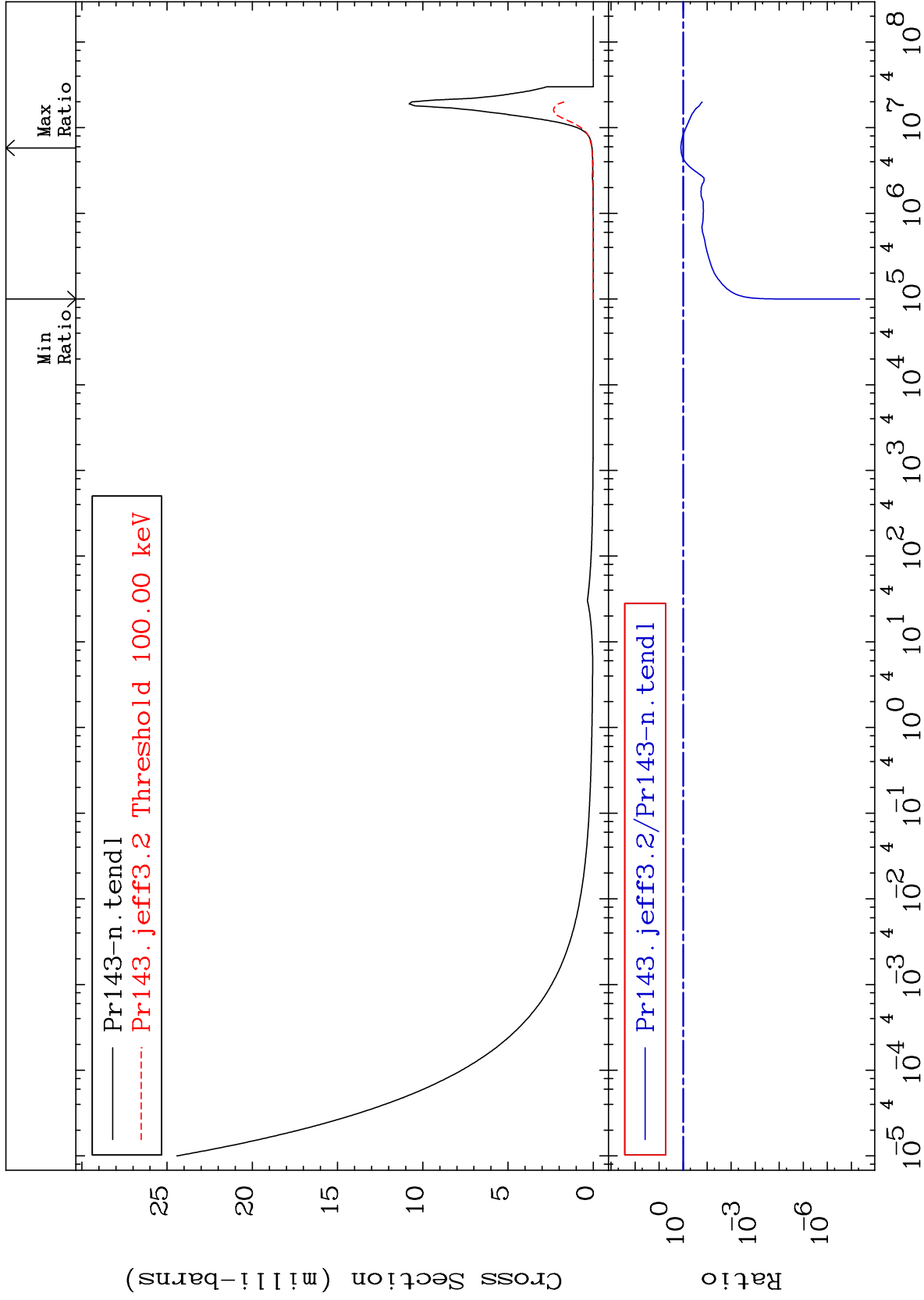
MAT 5931

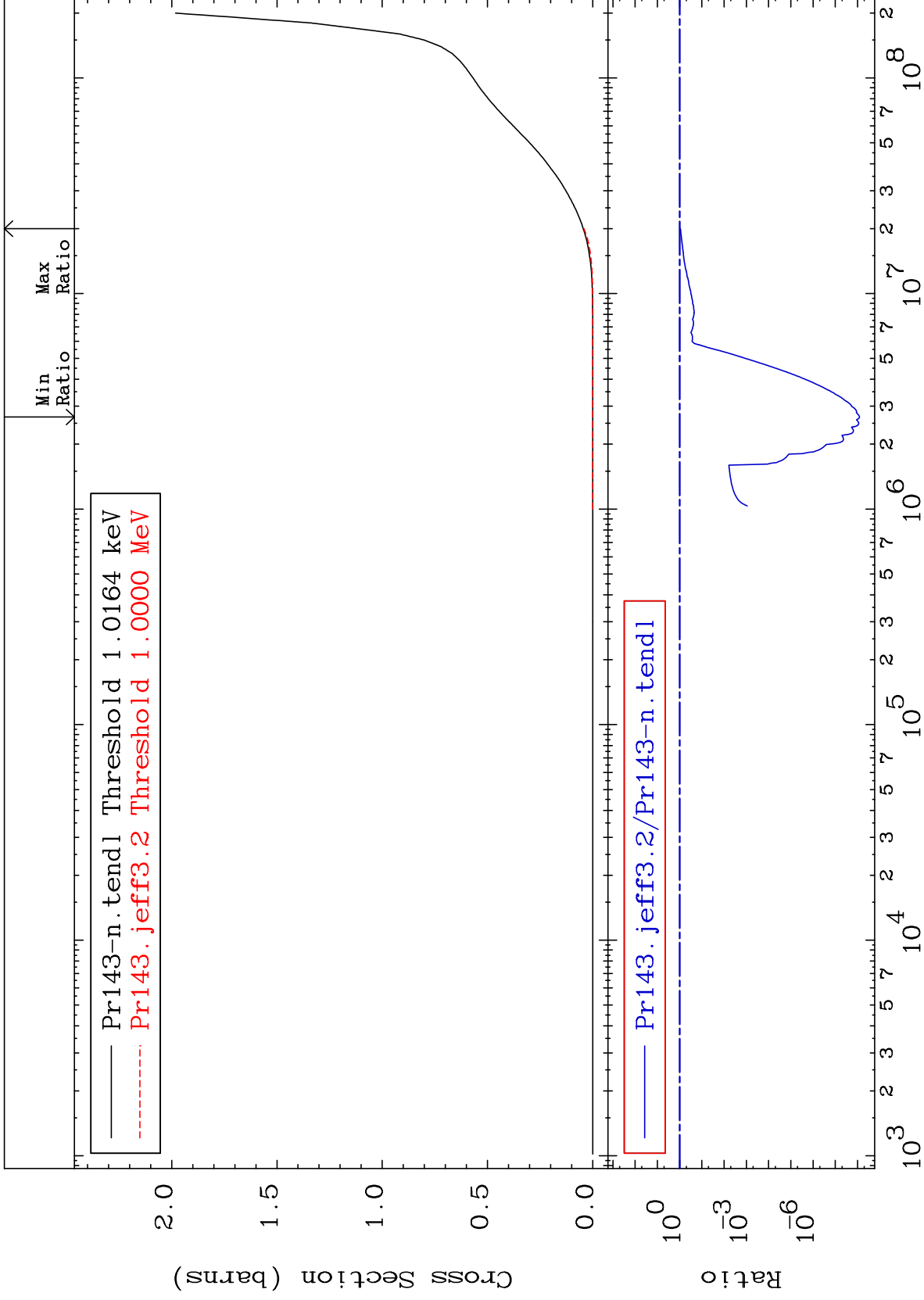
(n,  $\alpha$ )

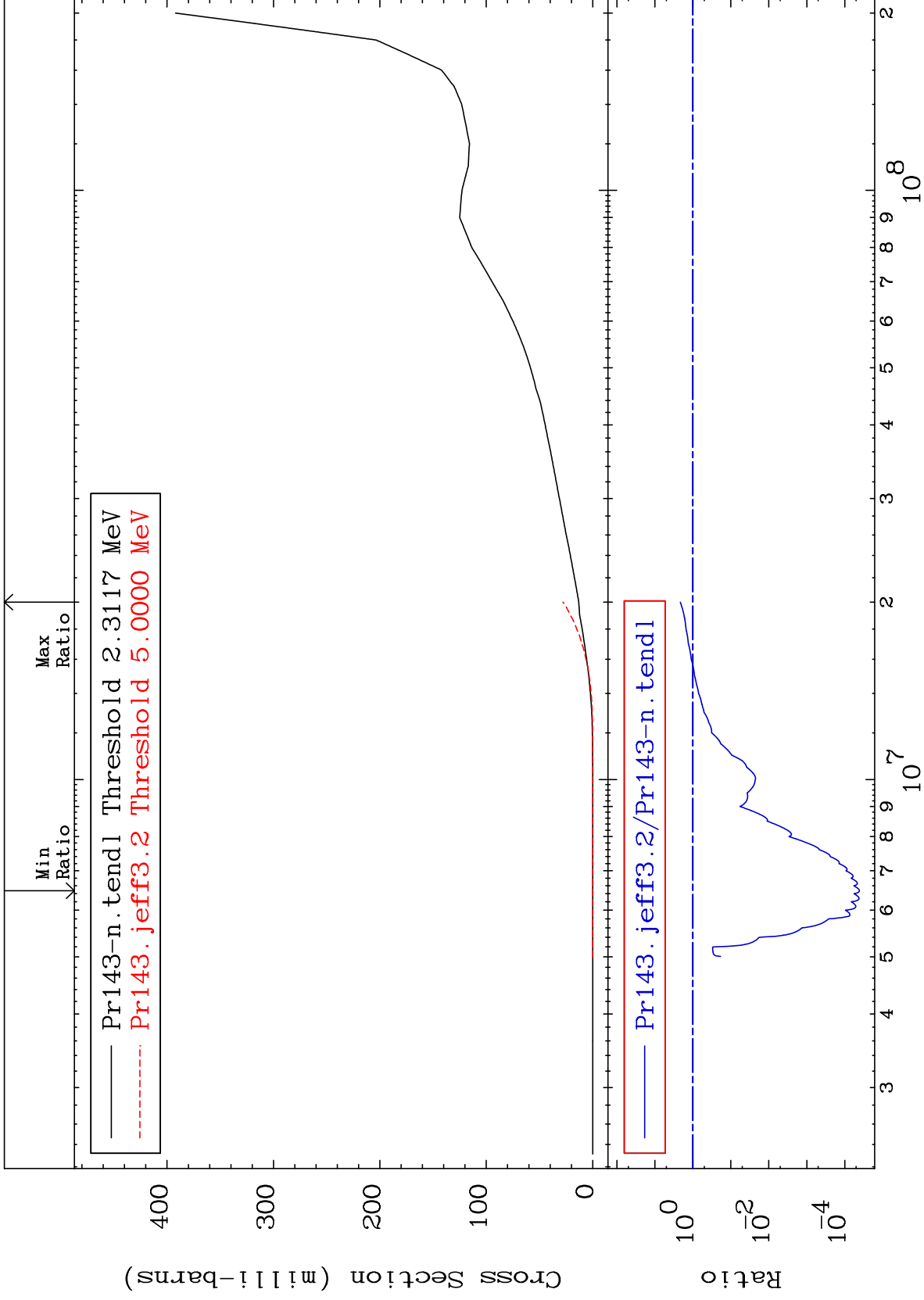
59-Pr-143

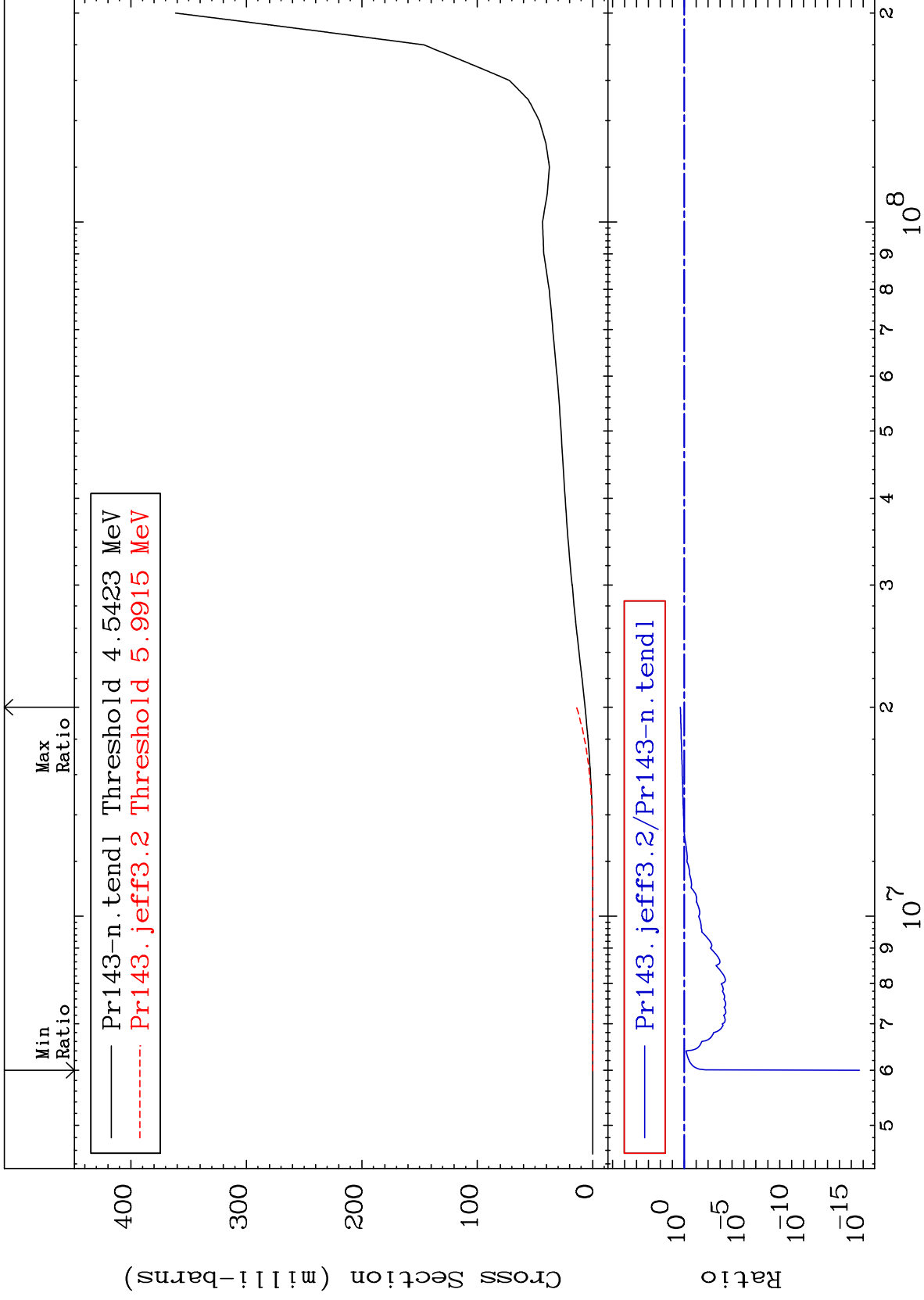
Cross Section

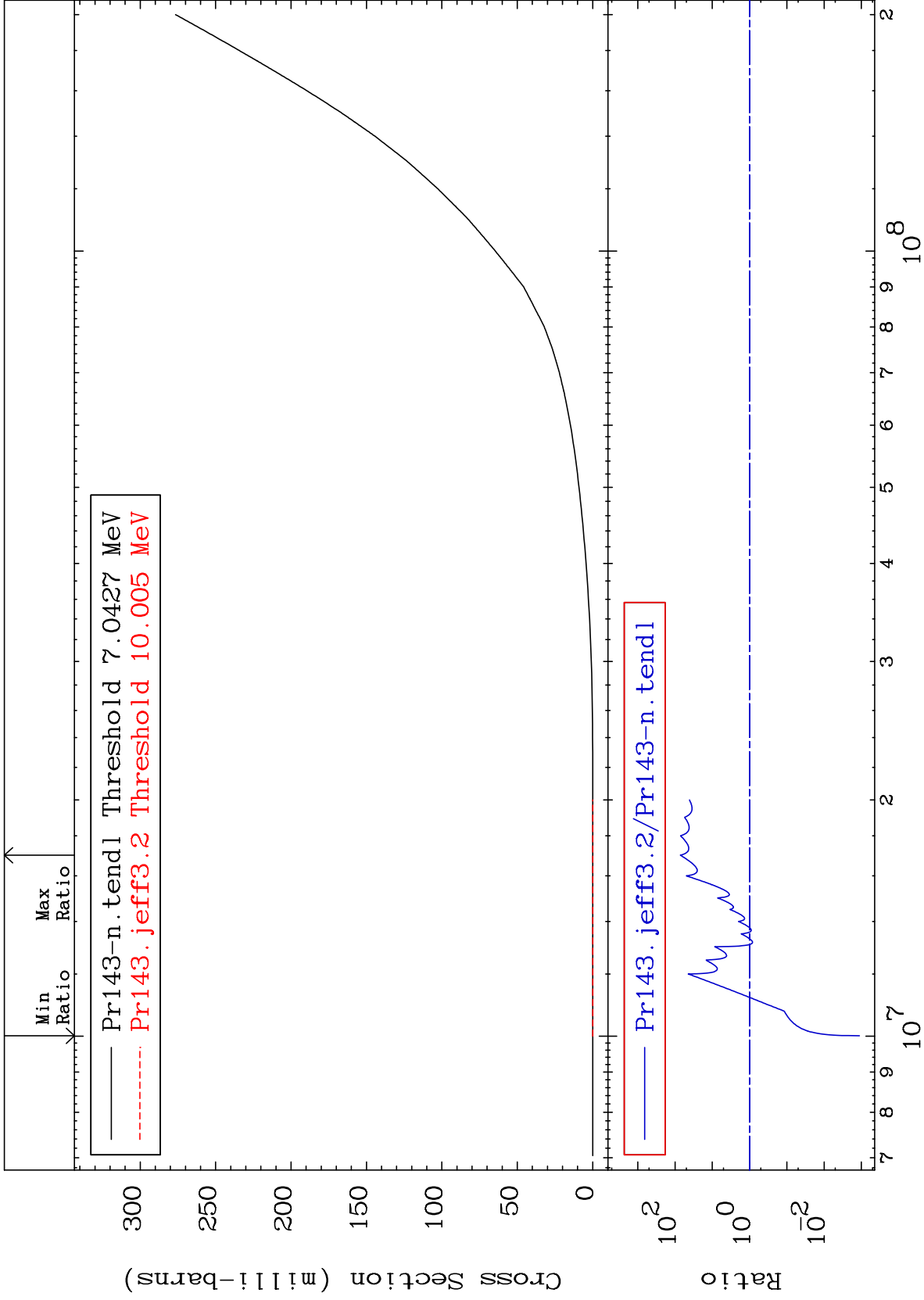
-100.0 To 25.32 %

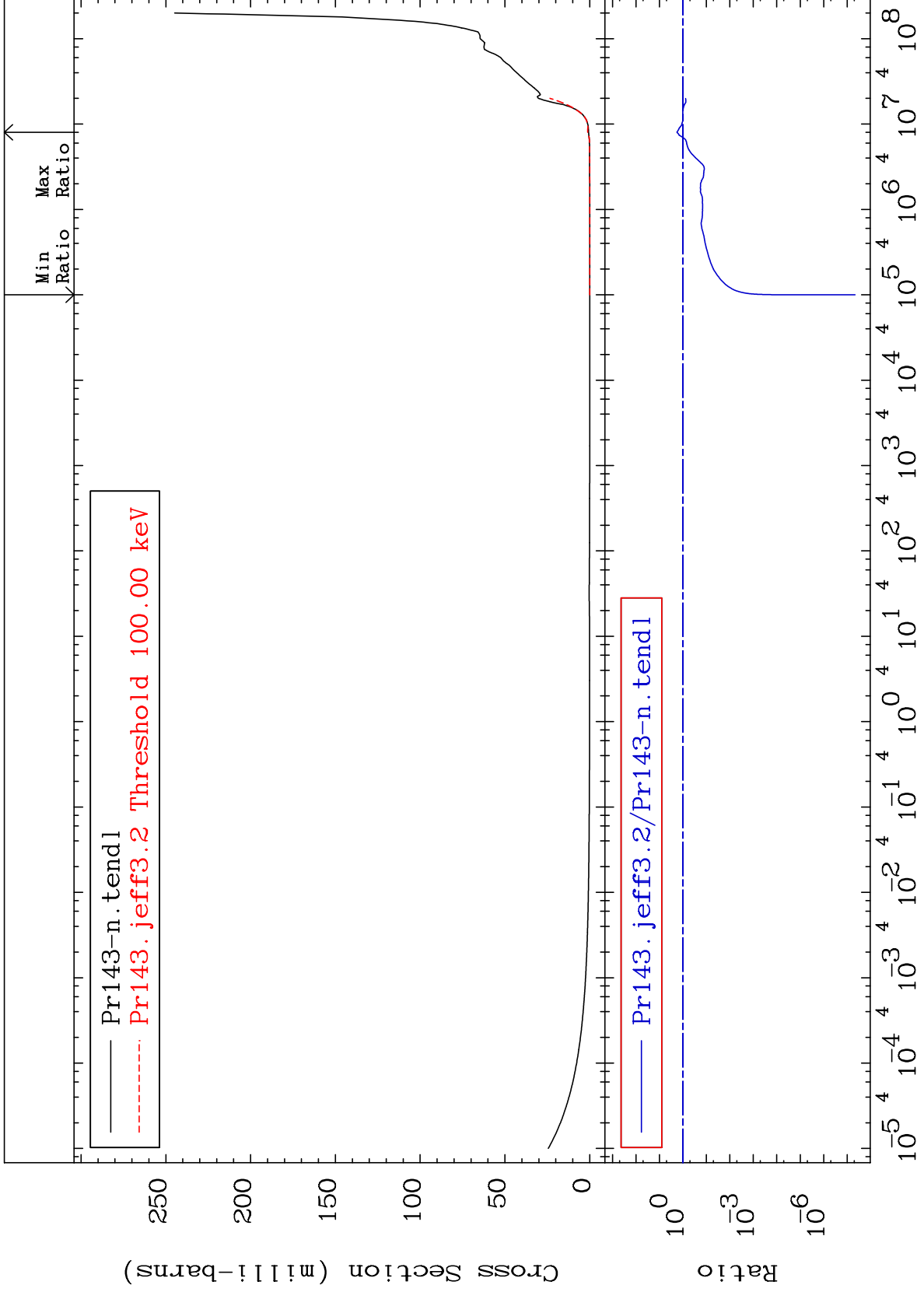


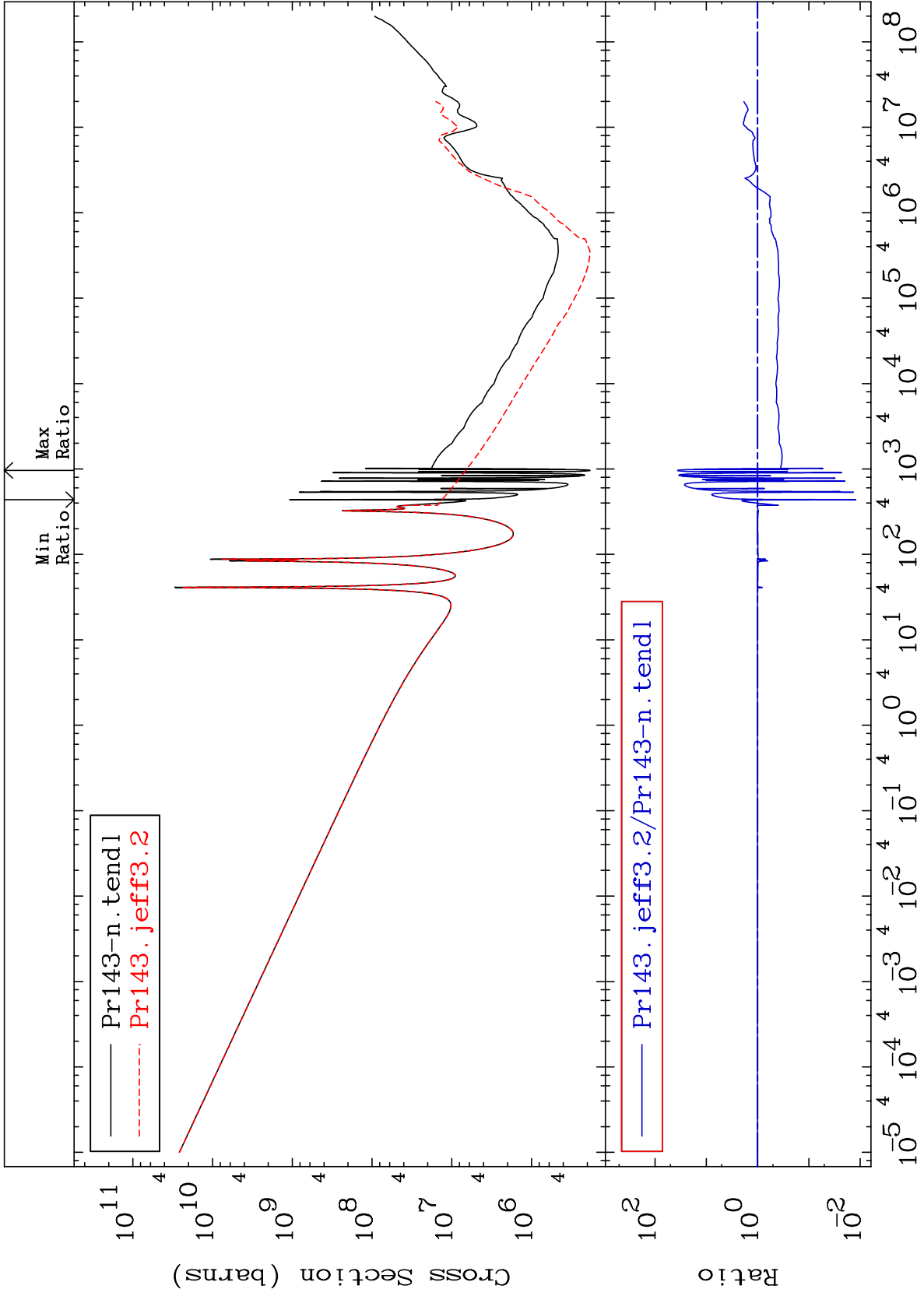




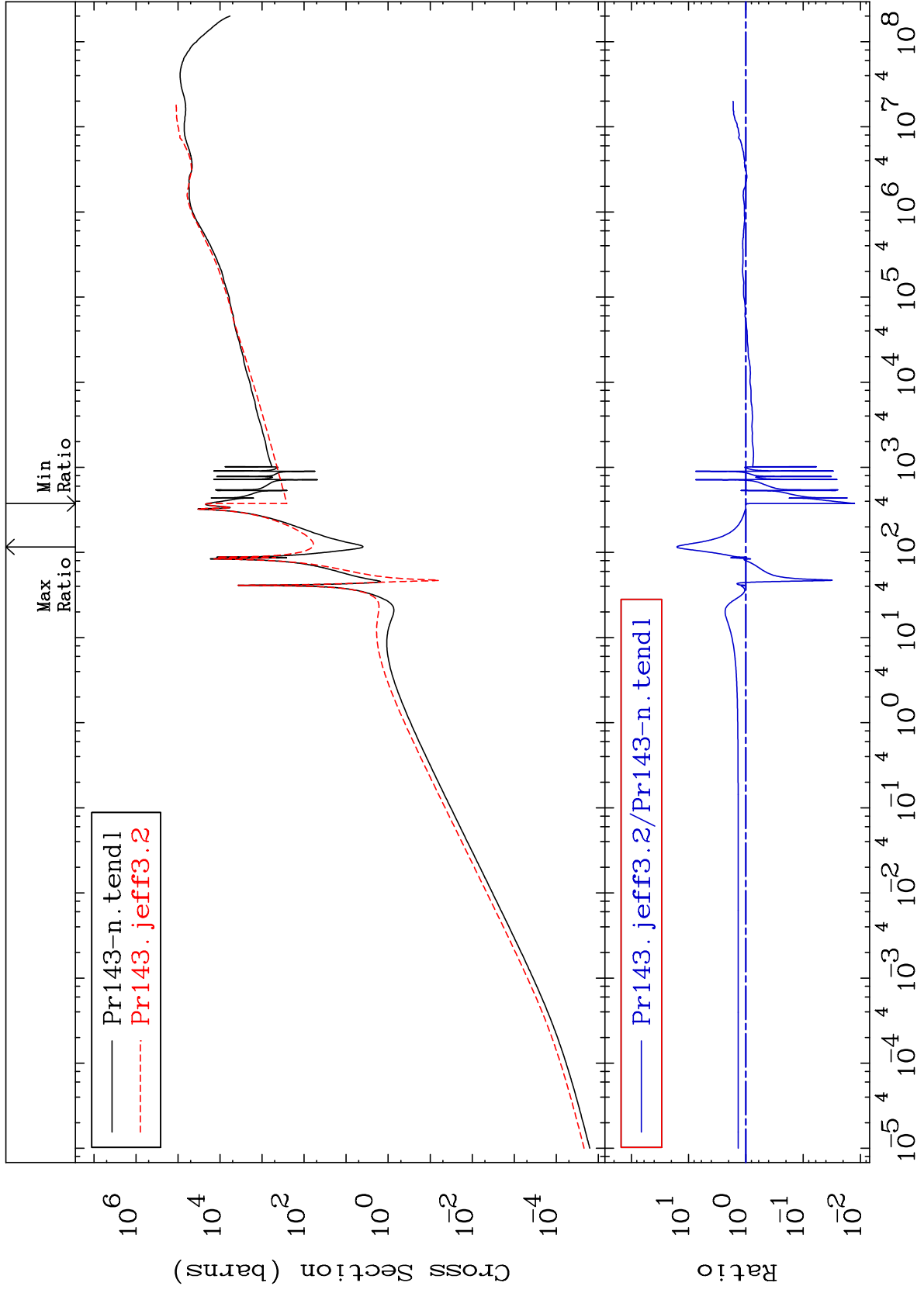


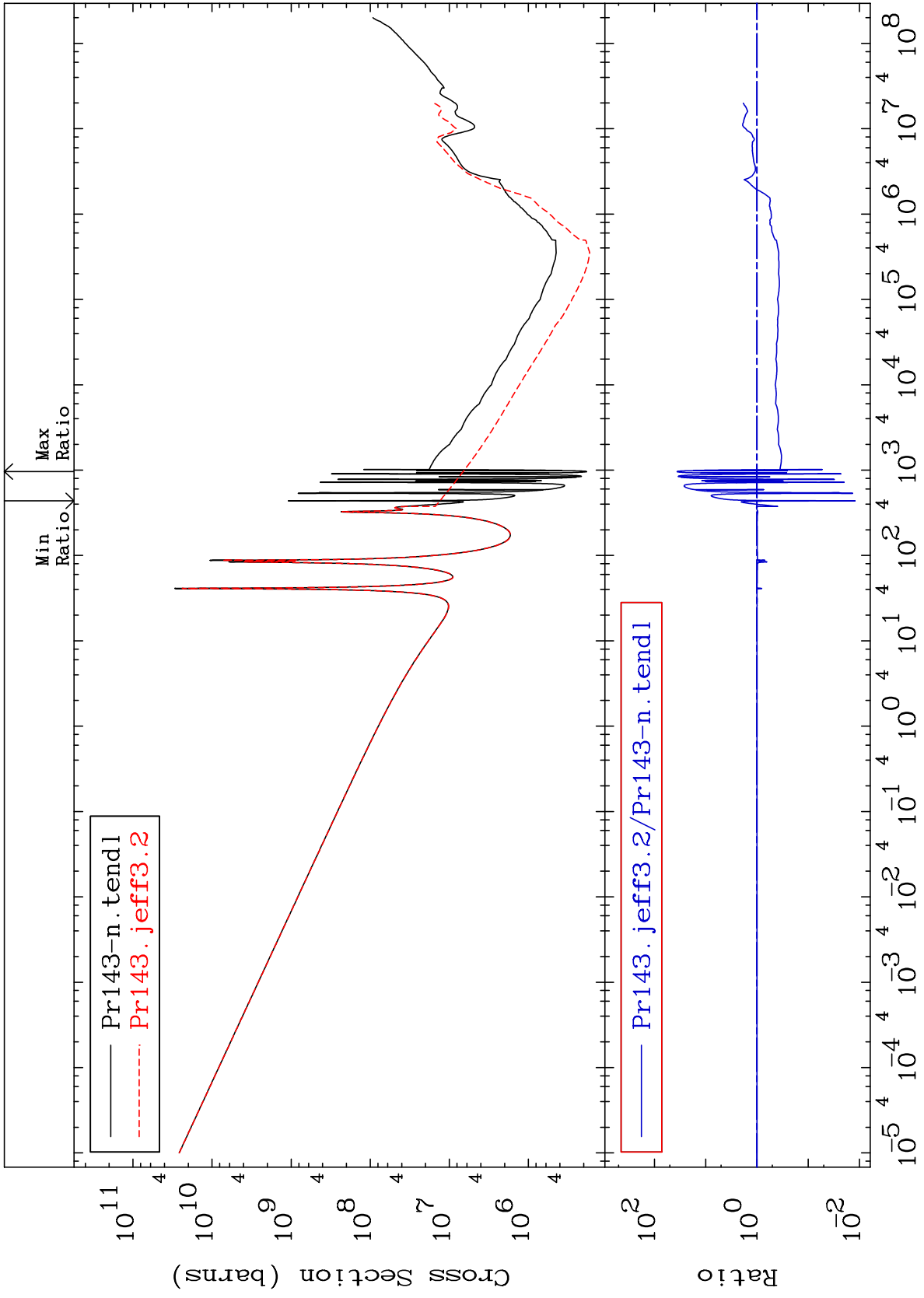


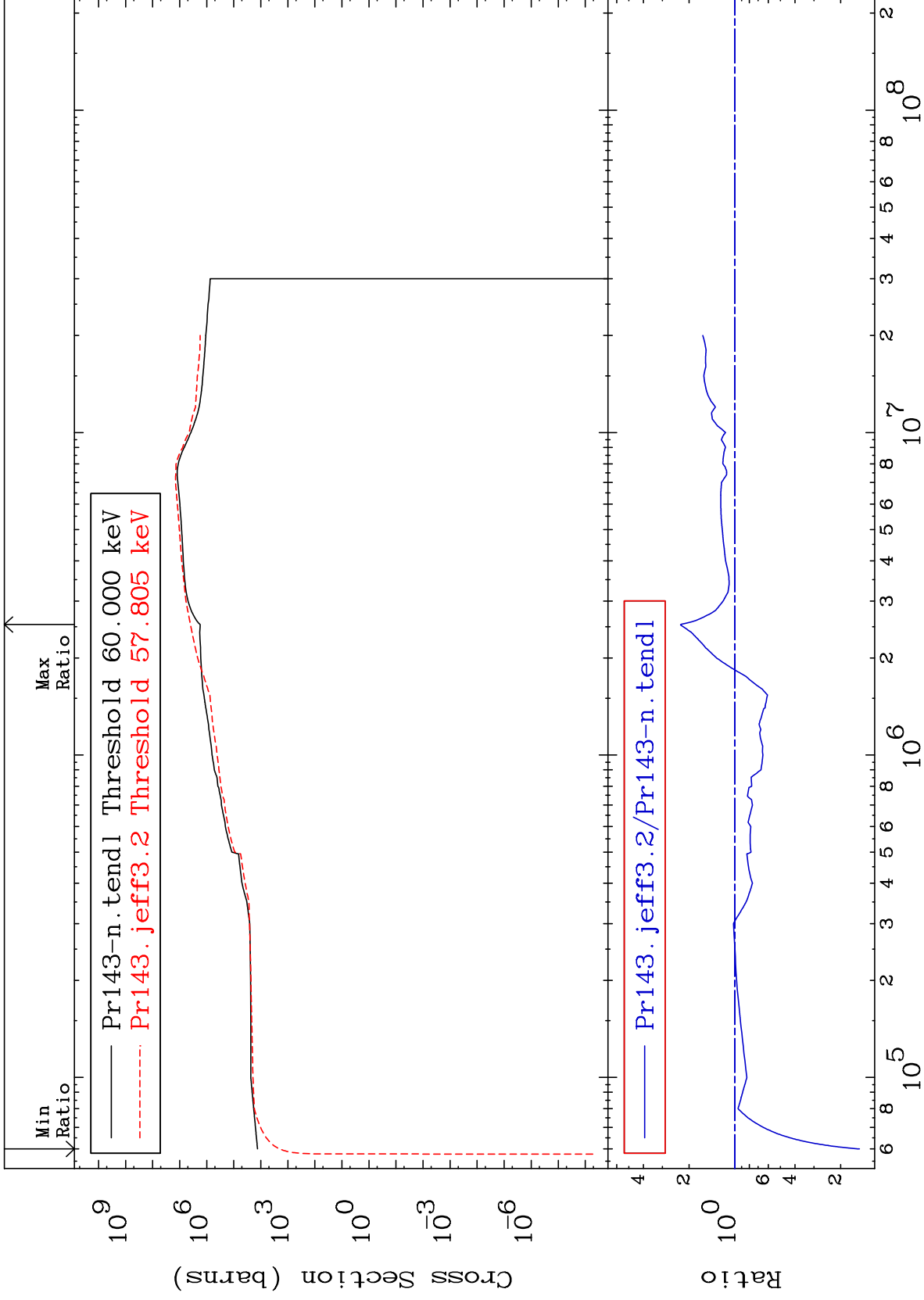








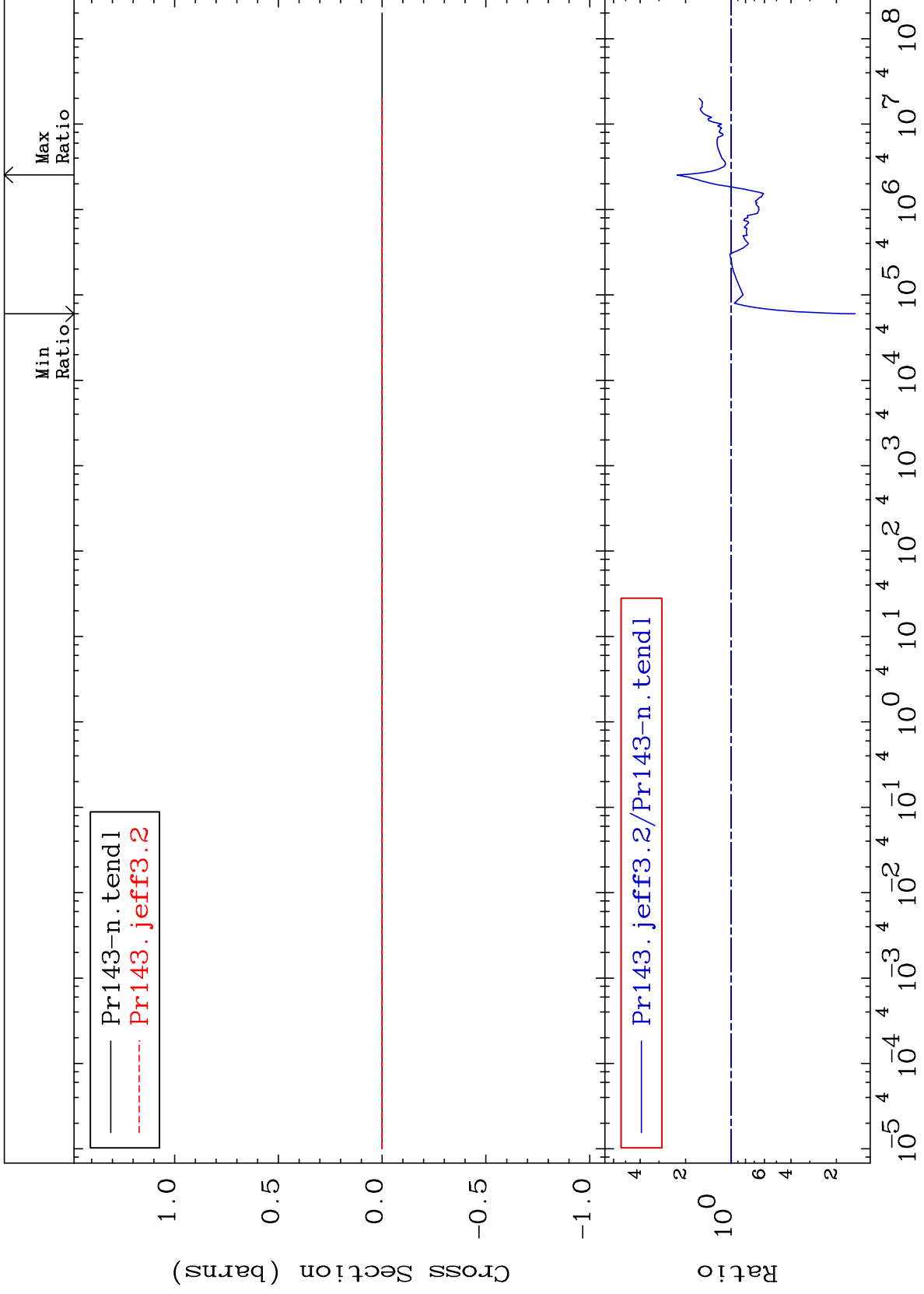


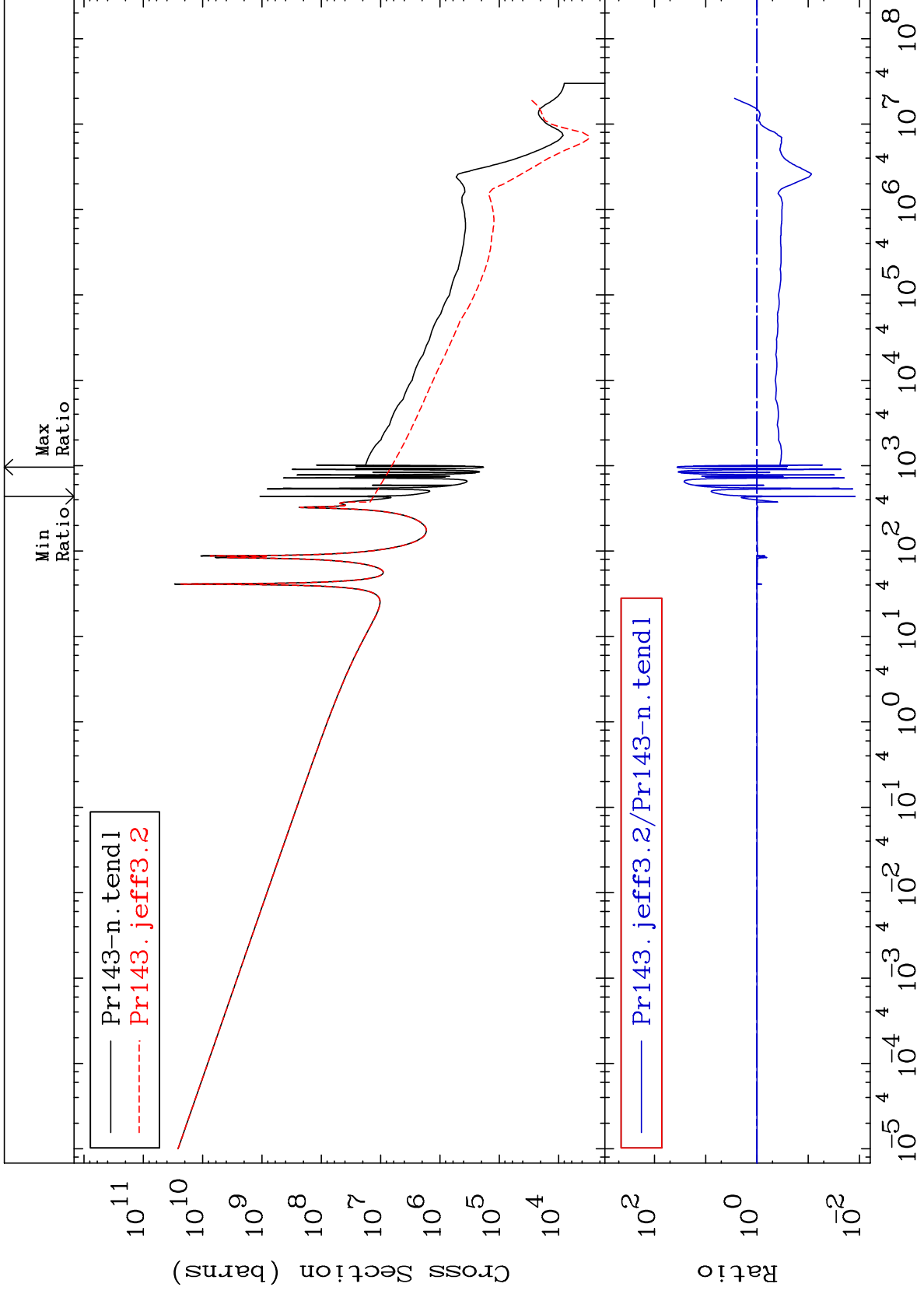


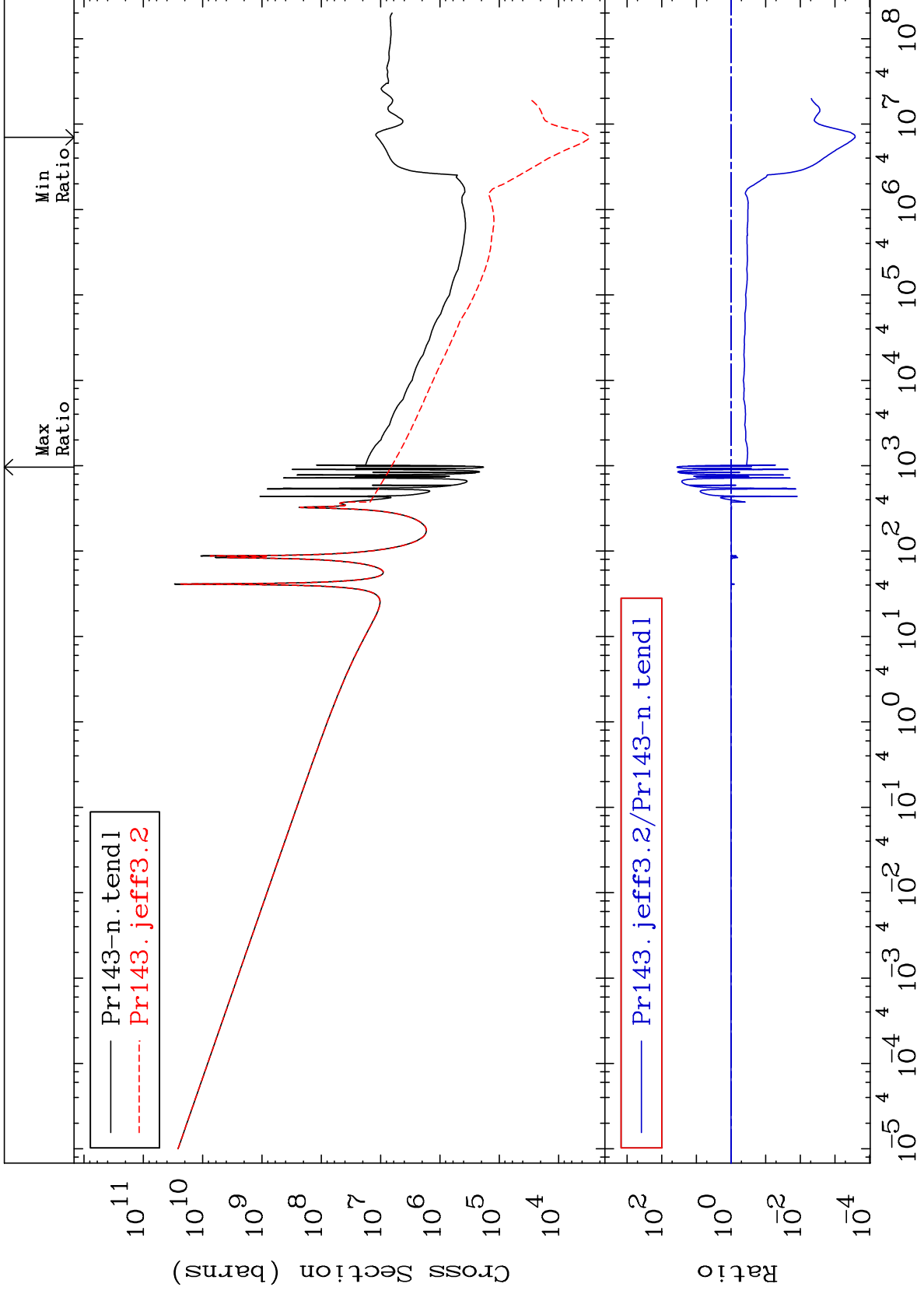
MAT 5931

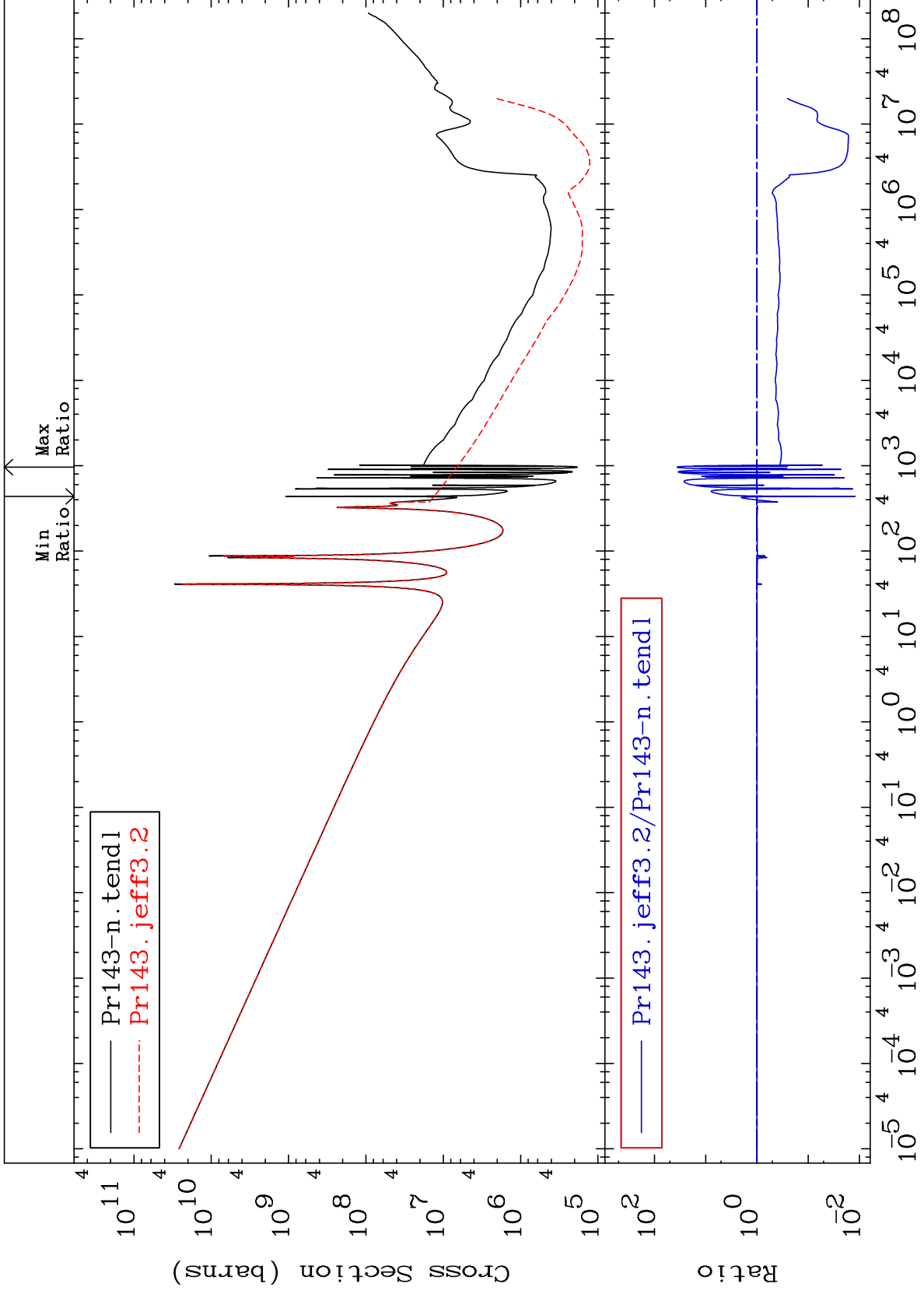
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

59-Pr-143  
-84.96 To 128.3 %





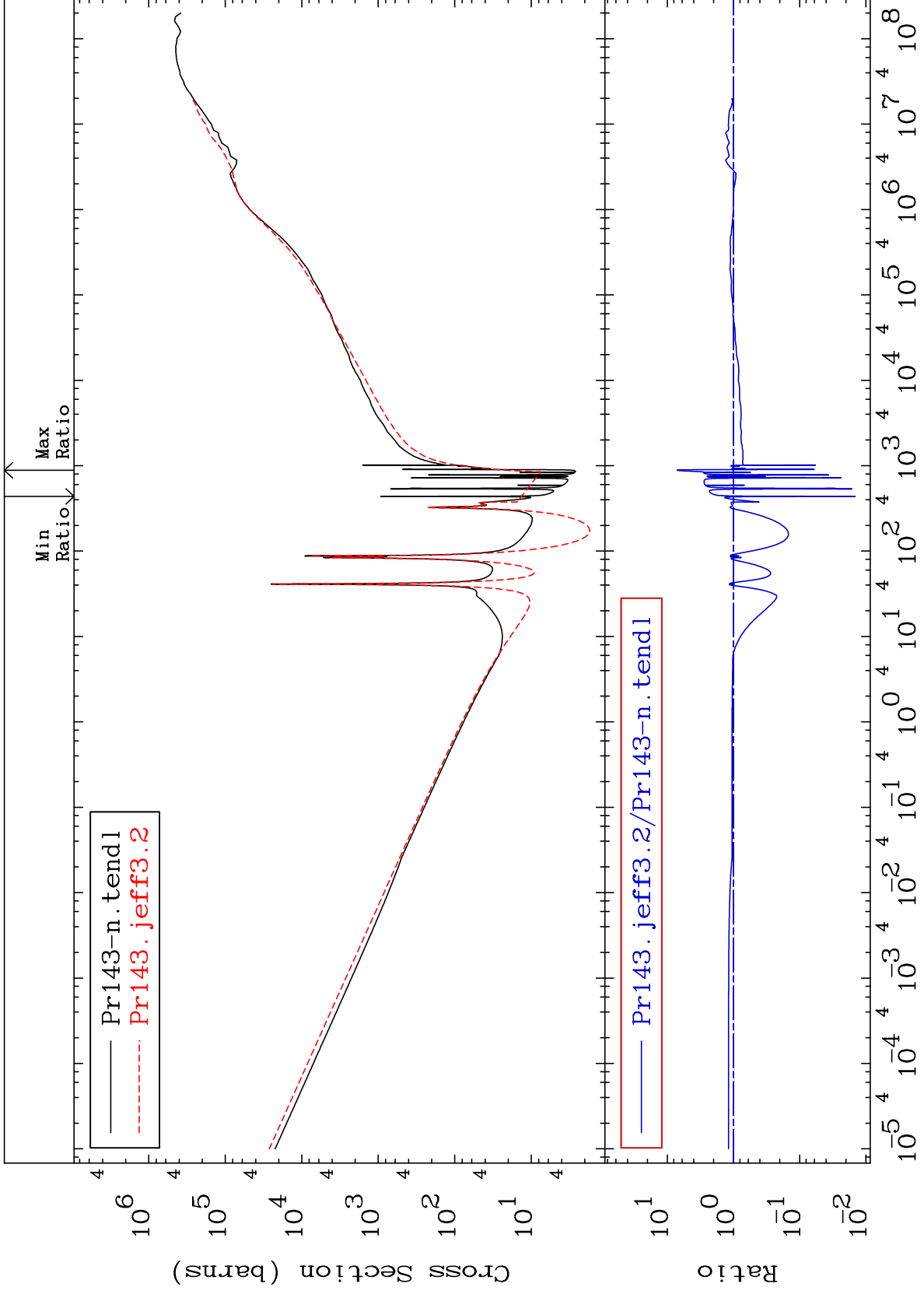




MAT 5931

Dpa total (eV-barns)  
Cross Section

59-Pr-143  
-98.54 To 617.4 %



40

Incident Energy (eV)

59-Pr-143



