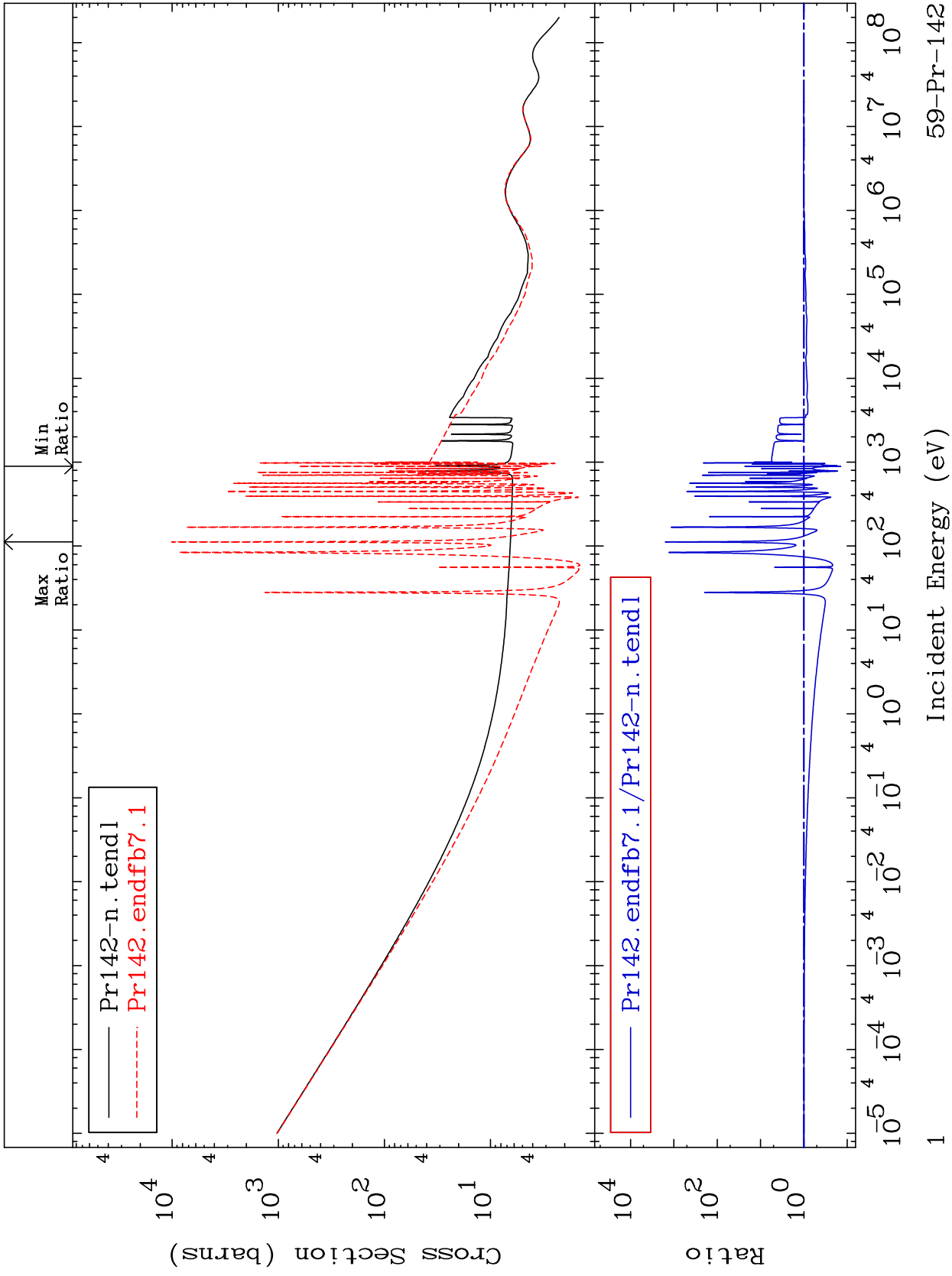


MAT 5928

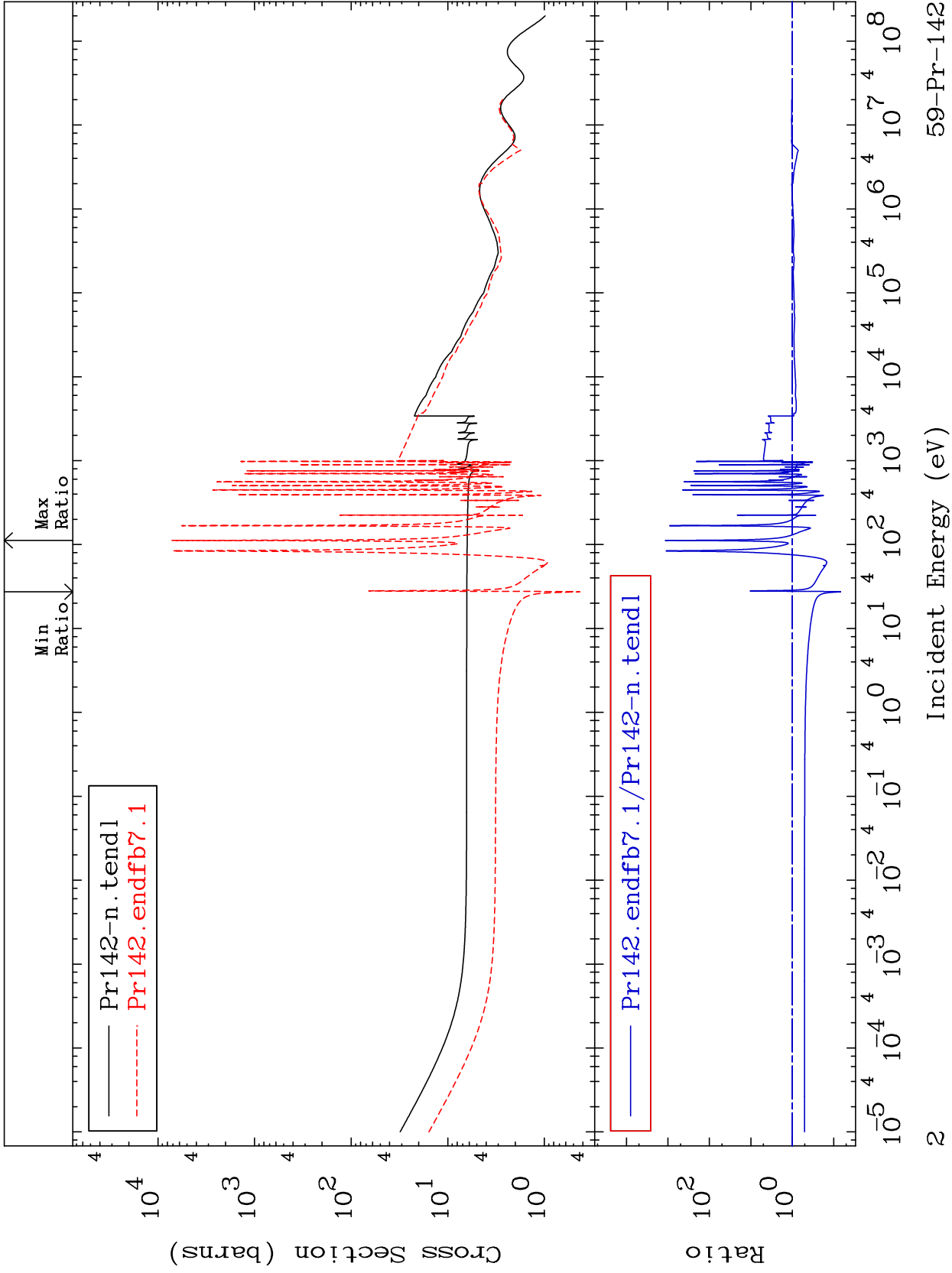
Total Cross Section  
59-Pr-142  
-85.86 To 9999. %



59-Pr-142

MAT 5928

Elastic Cross Section  
59-Pr-142  
-93.22 To 9999. %



59-Pr-142

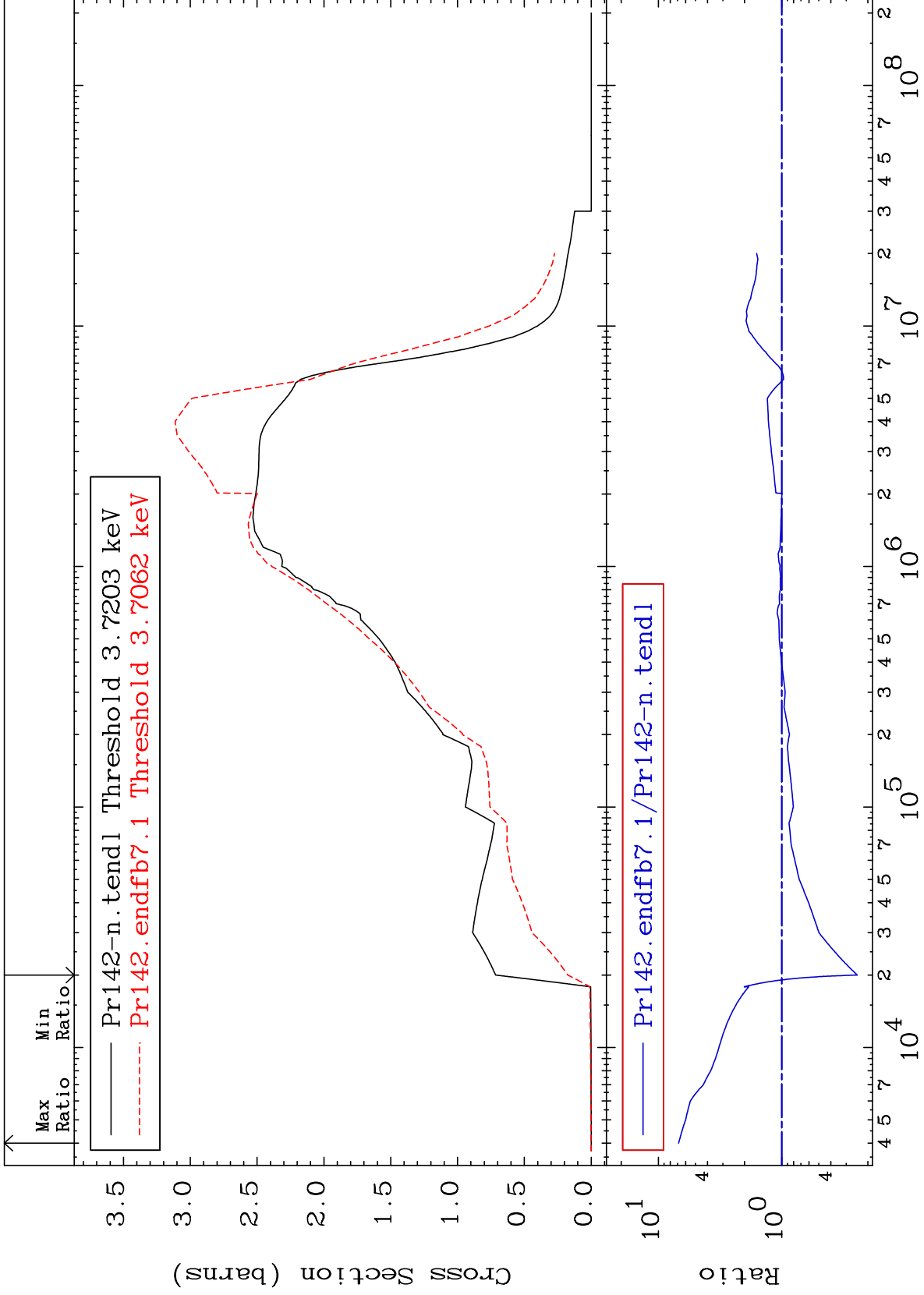
Incident Energy (eV)

2

MAT 5928

Inelastic  
Cross Section

59-Pr-142  
-75.60 To 584.8 %



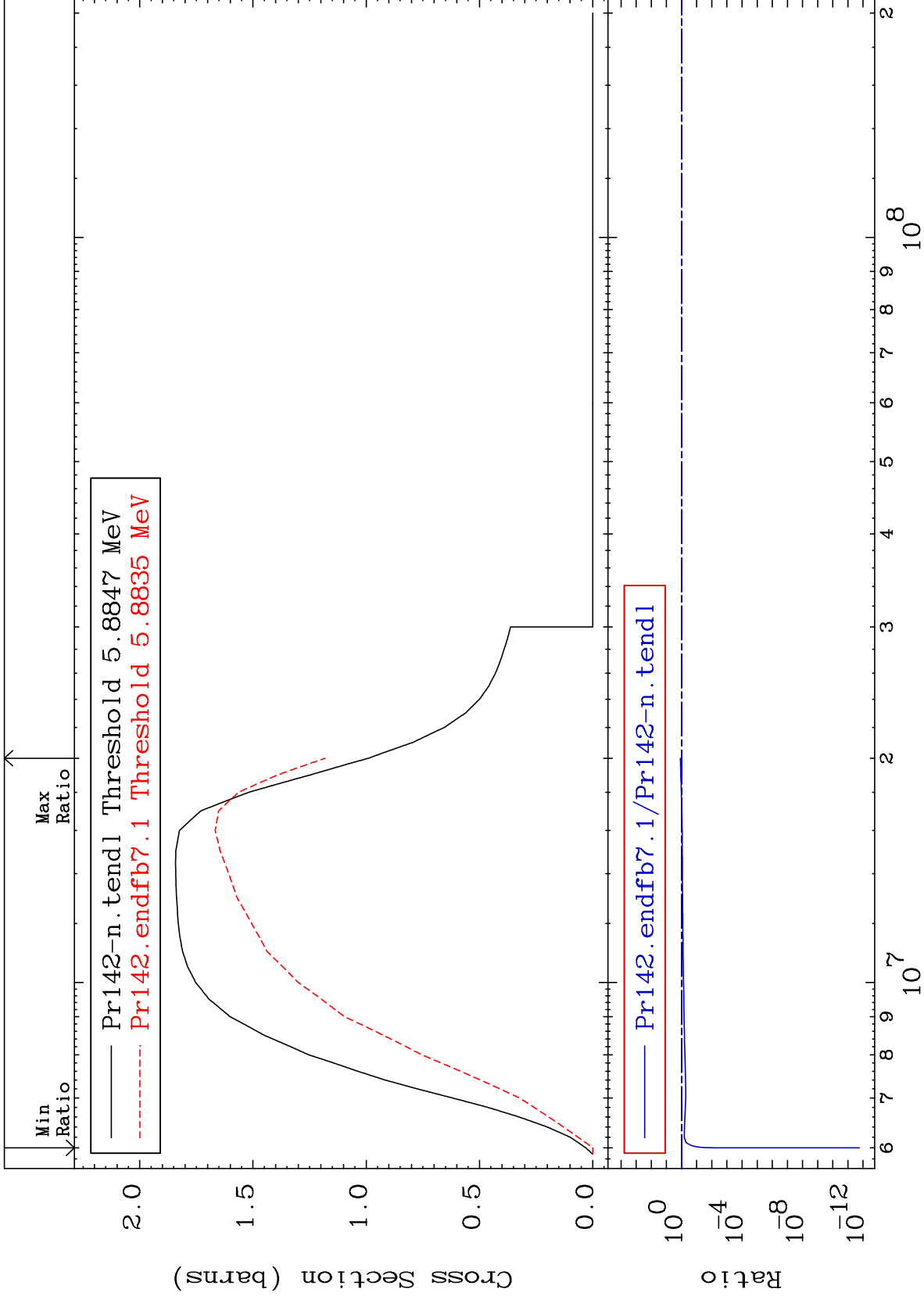
MAT 5928

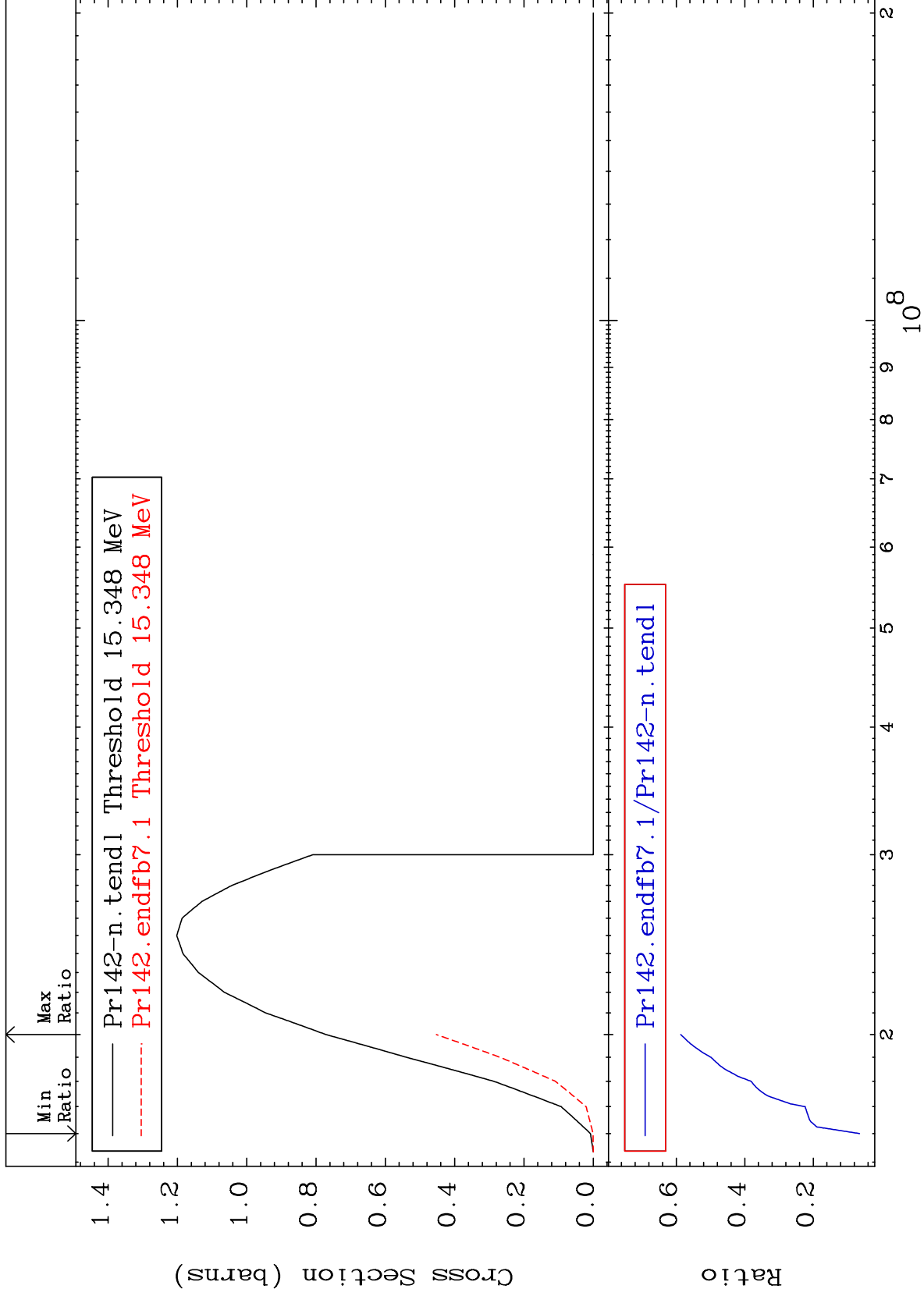
(n,2n)

59-Pr-142

Cross Section

-100.0 To 19.22 %

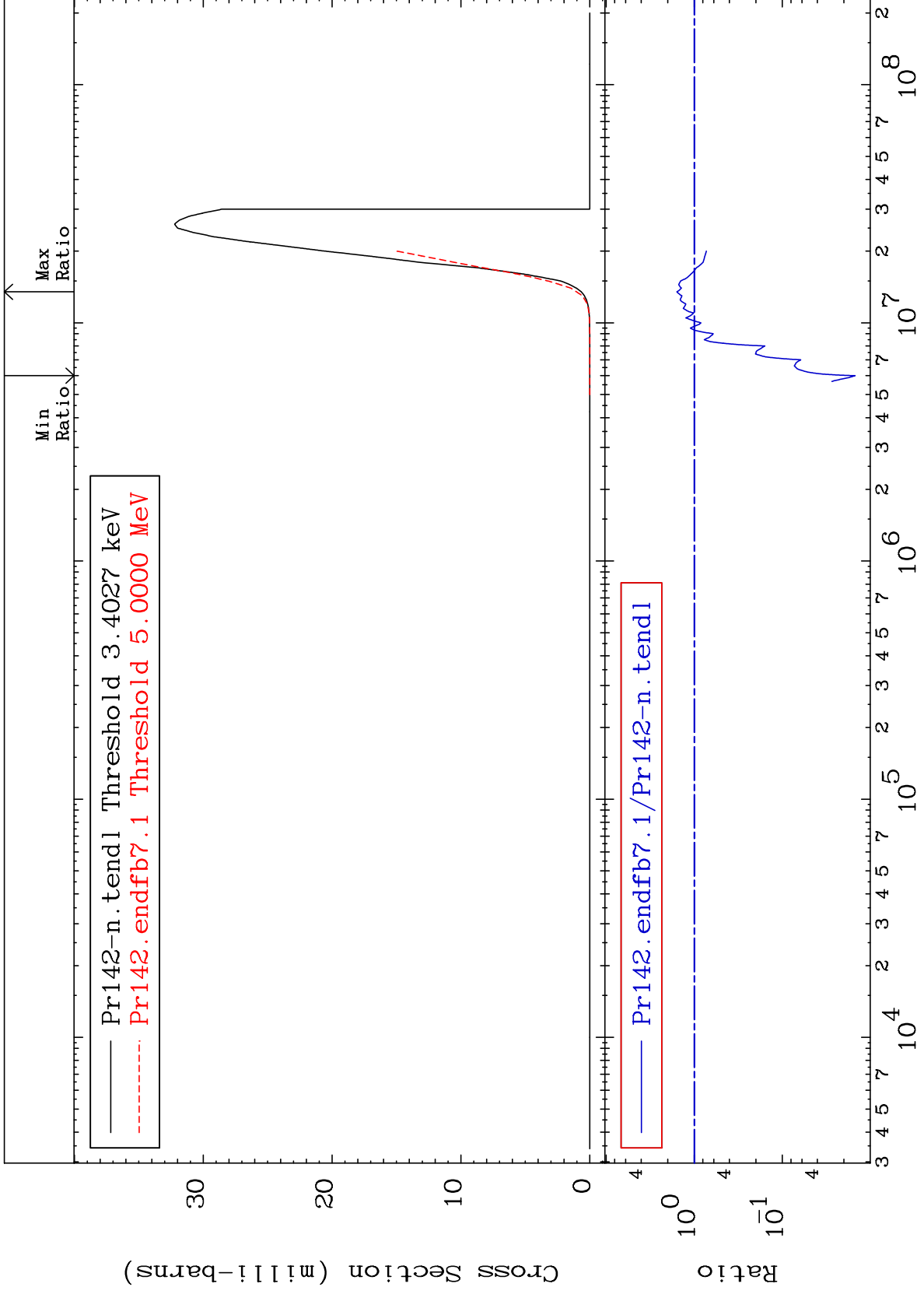




MAT 5928

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

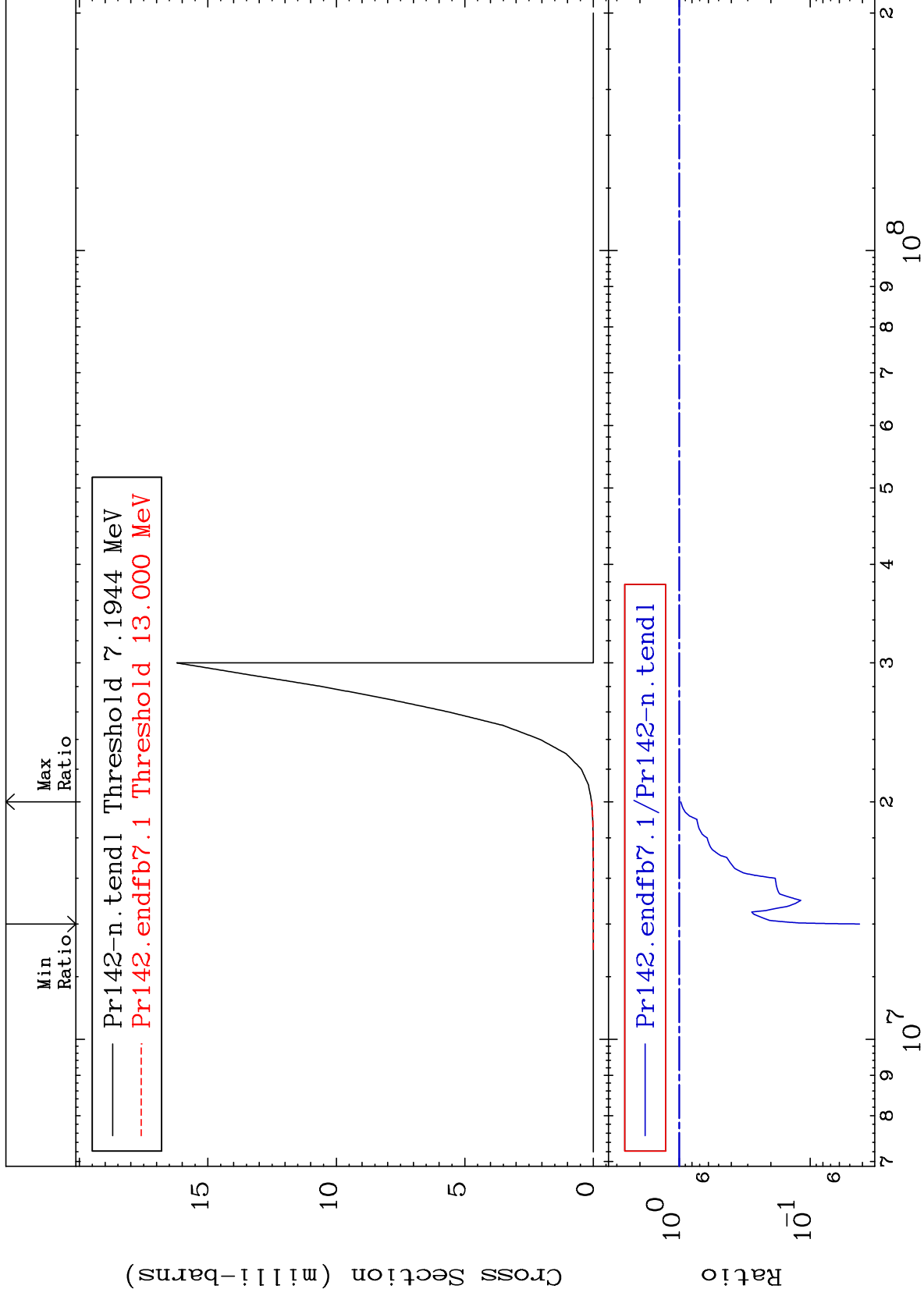
59-Pr-142  
-98.51 To 57.40 %



MAT 5928

(n,2n)  $\alpha$   
Cross Section

59-Pr-142  
-95.80 To -2.571%



7

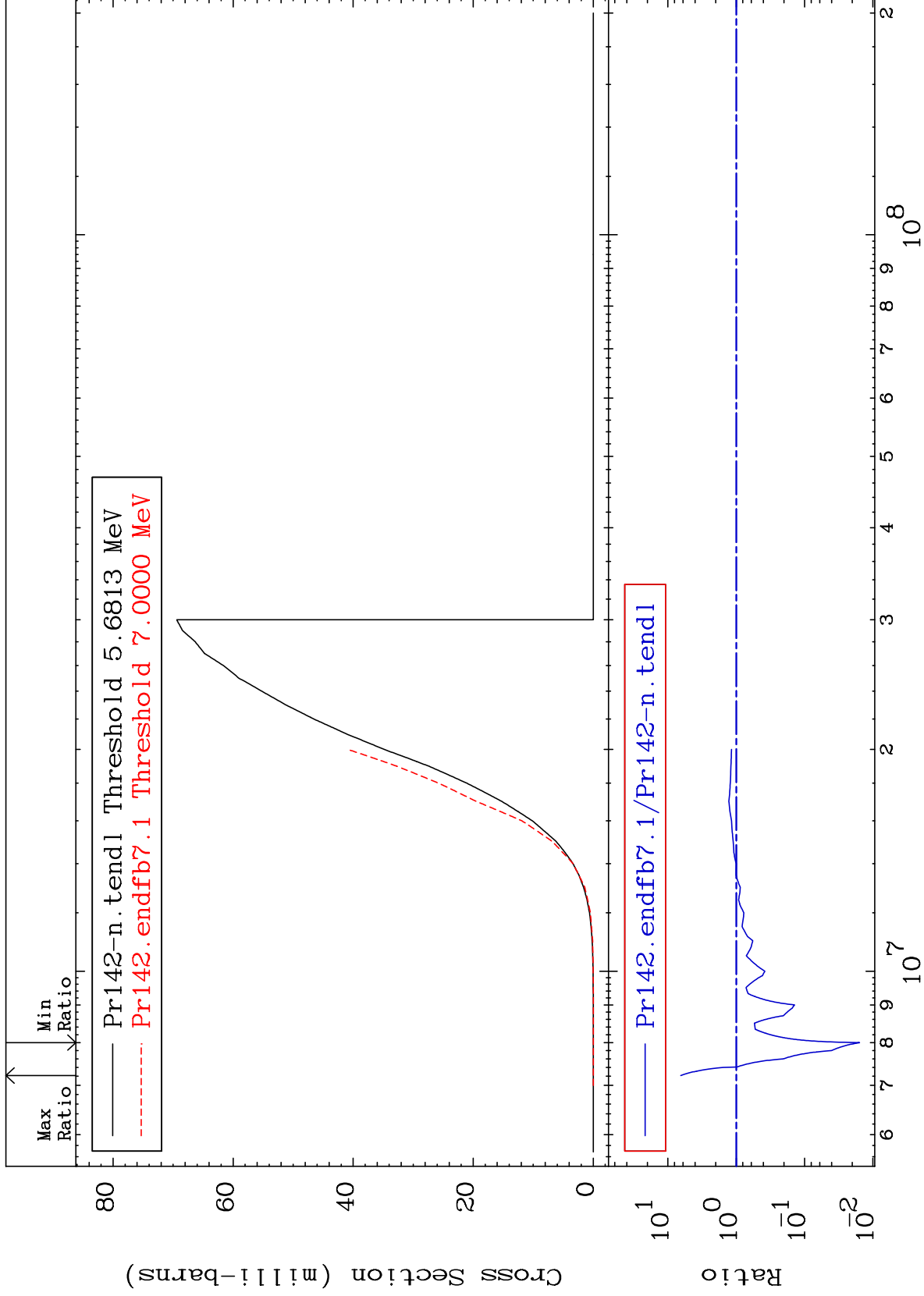
Incident Energy (eV)

59-Pr-142

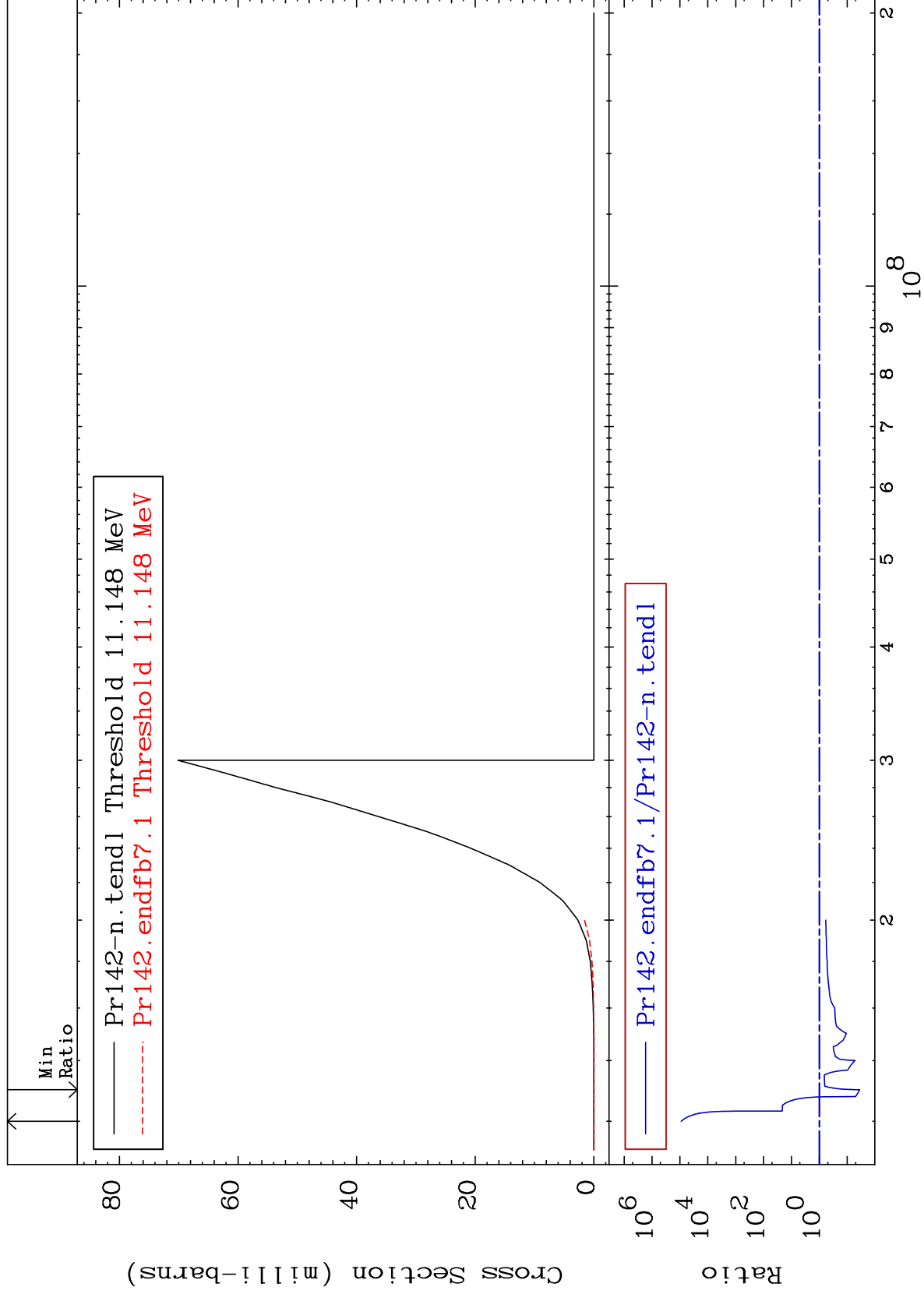
MAT 5928

(n, n') p  
Cross Section

59-Pr-142  
-98.44 To 548.4 %



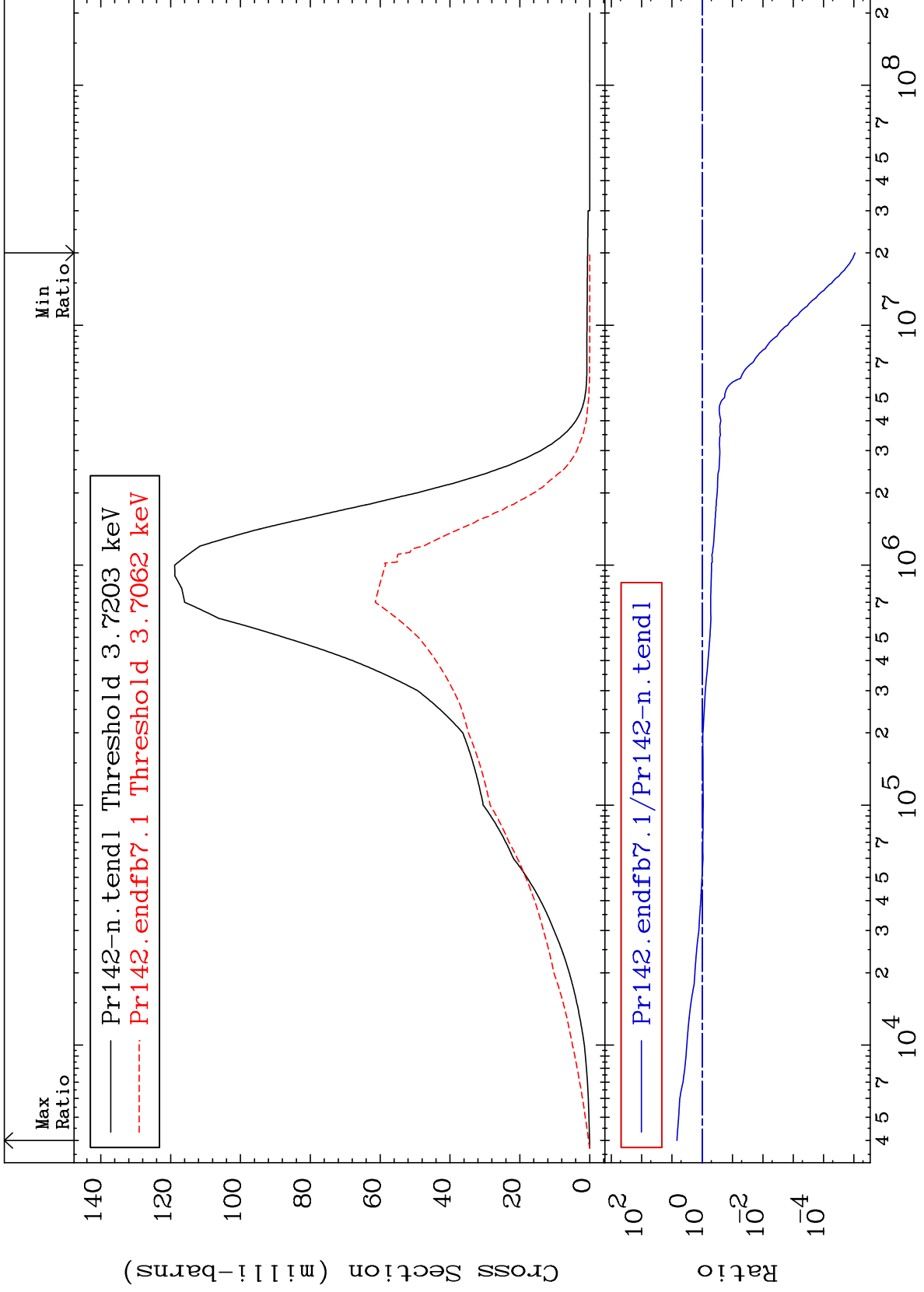




MAT 5928

3.694 keV (n,n') Level  
Cross Section

59-Pr-142  
-100.0 To 584.8 %



10

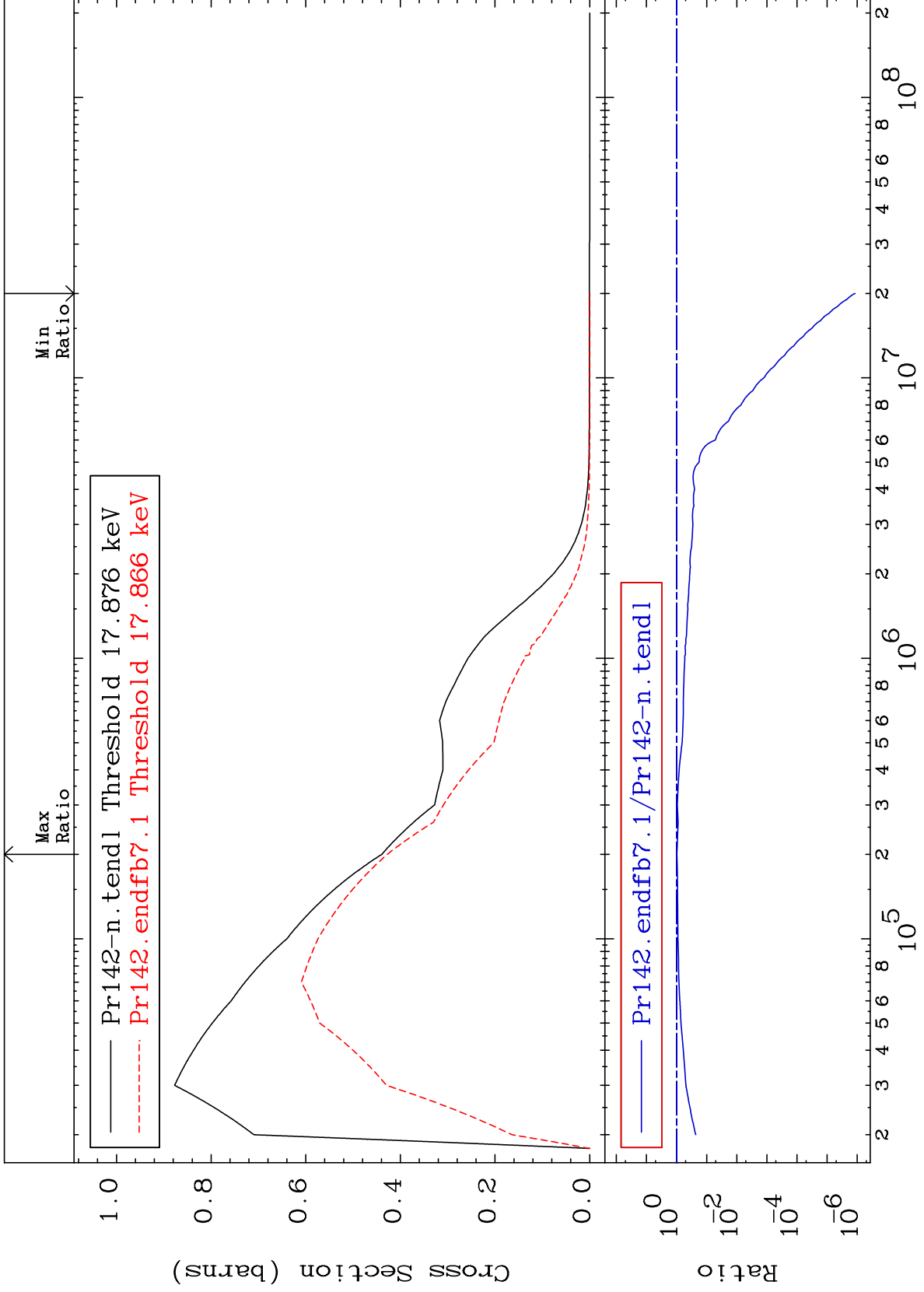
Incident Energy (eV)

59-Pr-142

MAT 5928

17.75 keV (n,n') Level  
Cross Section

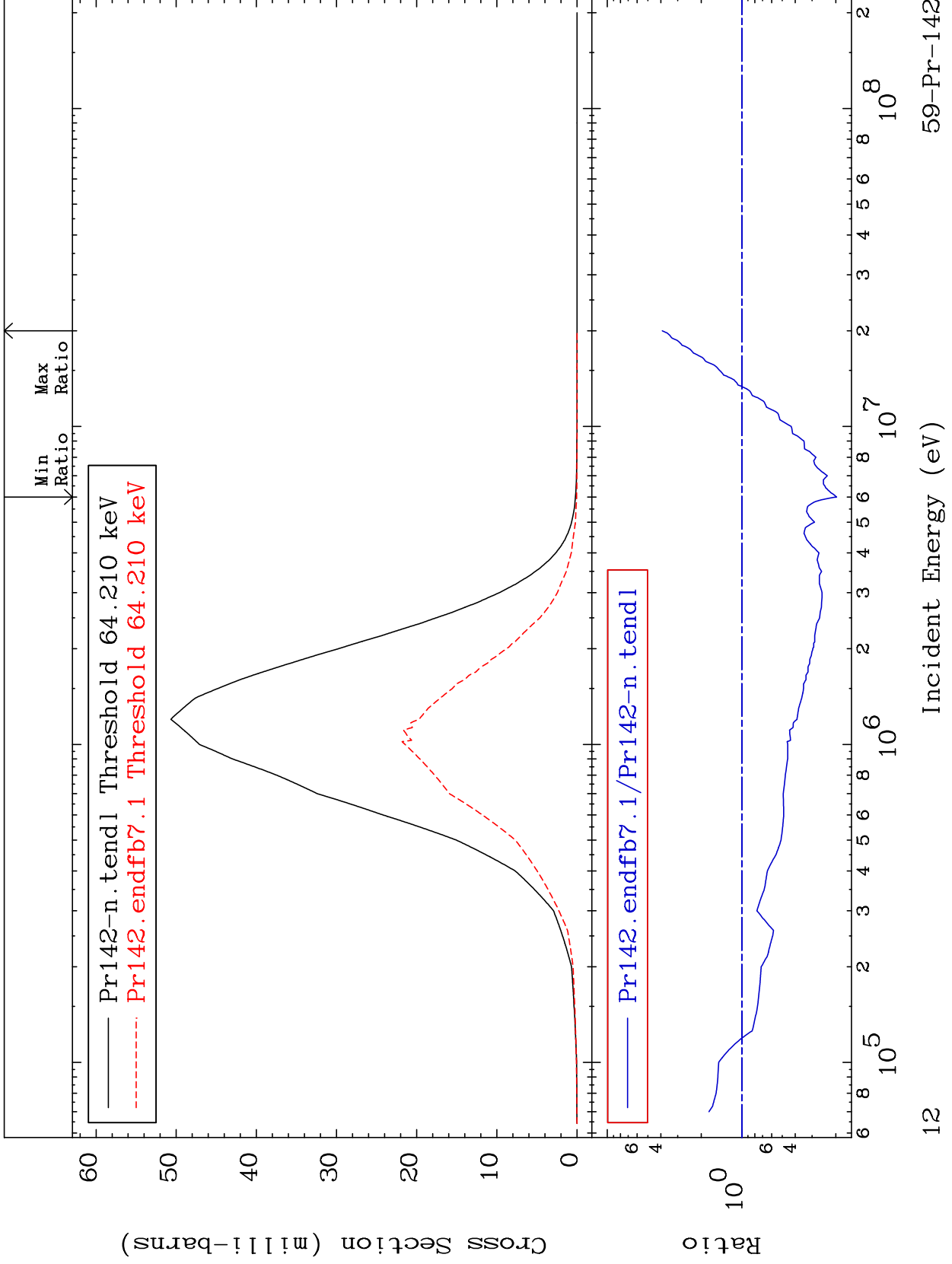
59-Pr-142  
-100.0 To -2.642%



MAT 5928

63.76 keV (n,n') Level  
Cross Section

59-Pr-142  
-80.30 To 290.0 %



12

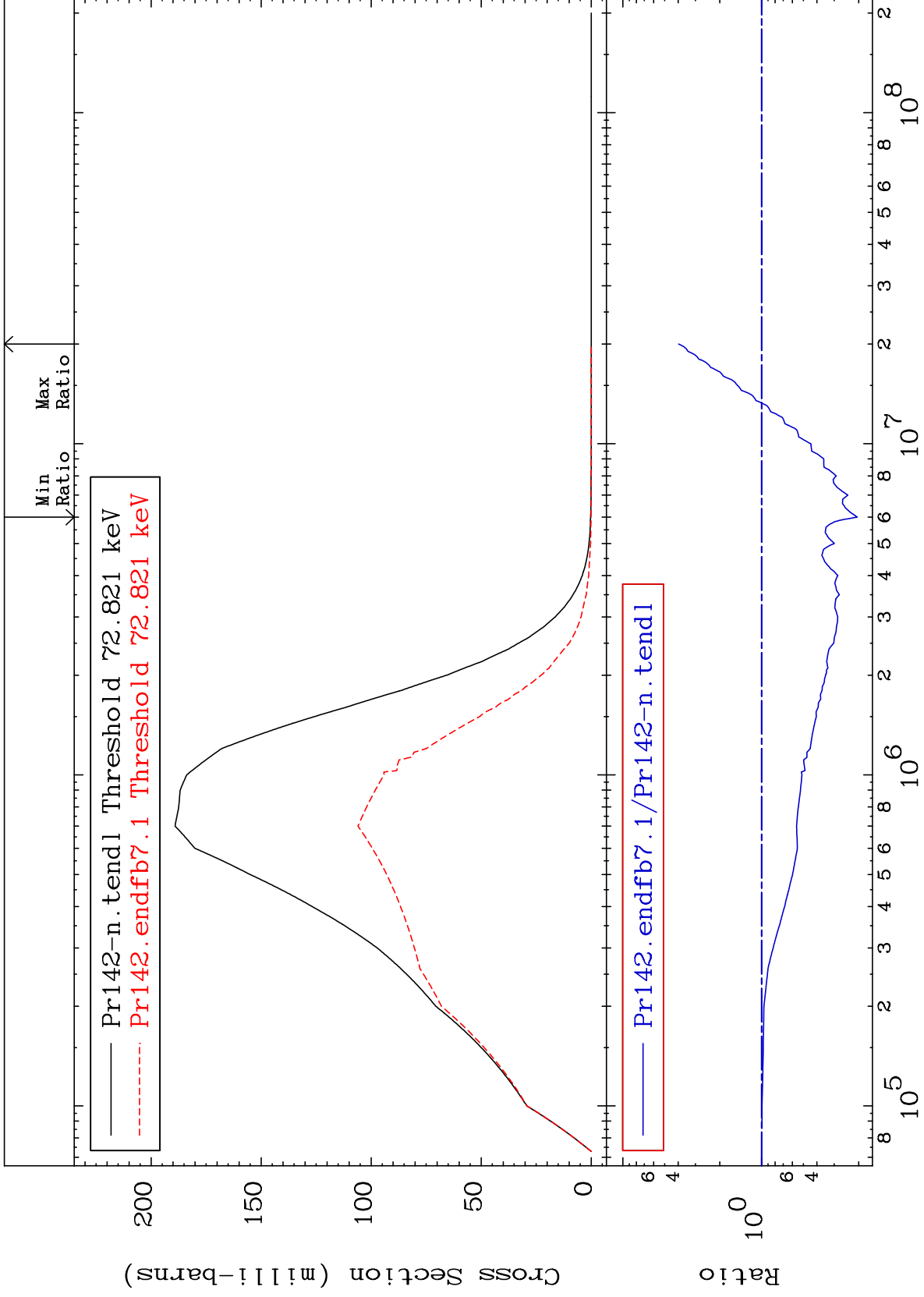
Incident Energy (eV)

59-Pr-142

MAT 5928

72.31 keV (n,n') Level  
Cross Section

59-Pr-142  
-79.54 To 296.3 %



13

Incident Energy (eV)

59-Pr-142

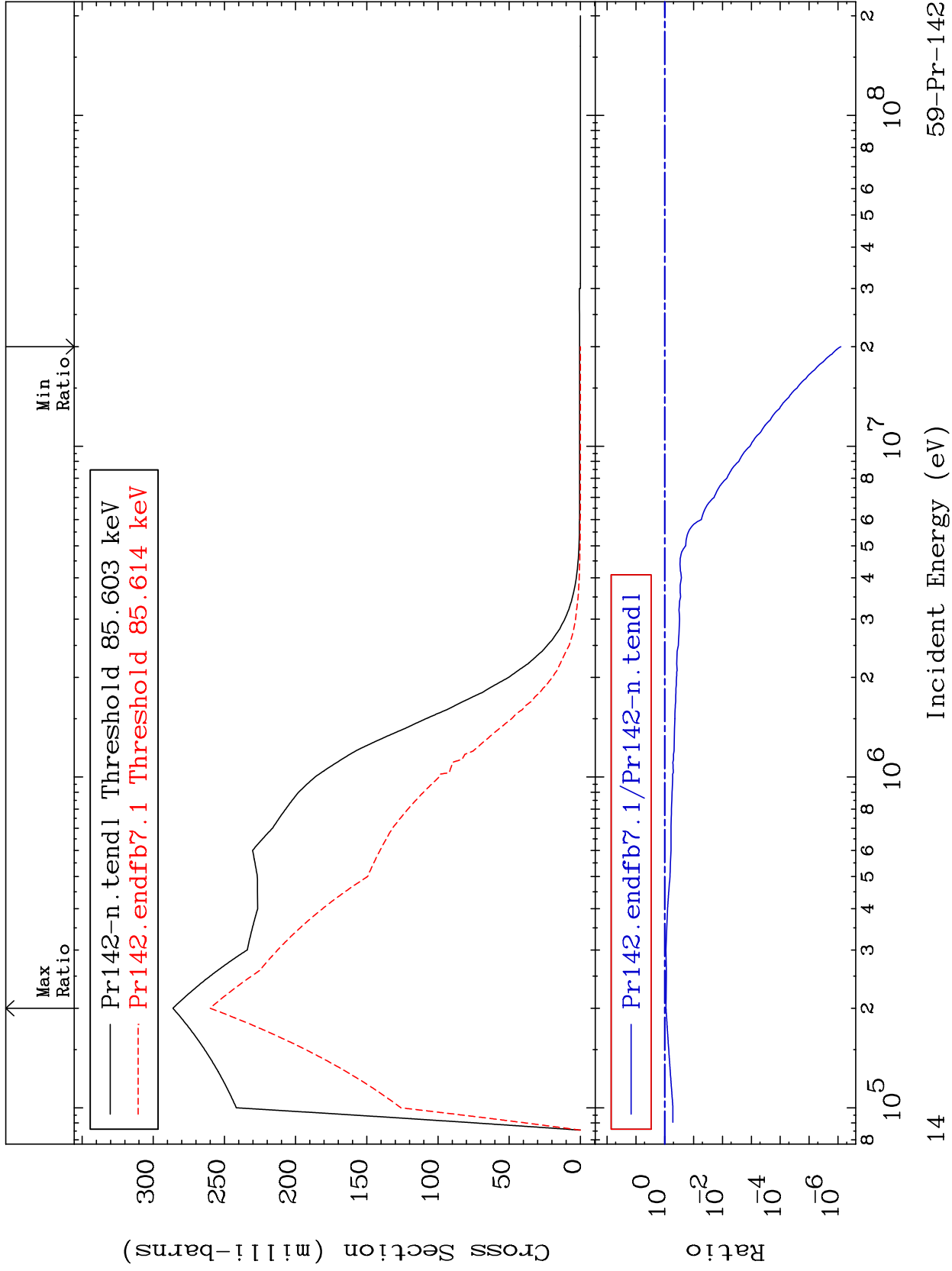
MAT 5928

85.00 keV (n,n') Level

59-Pr-142

-100.0 To -9.135%

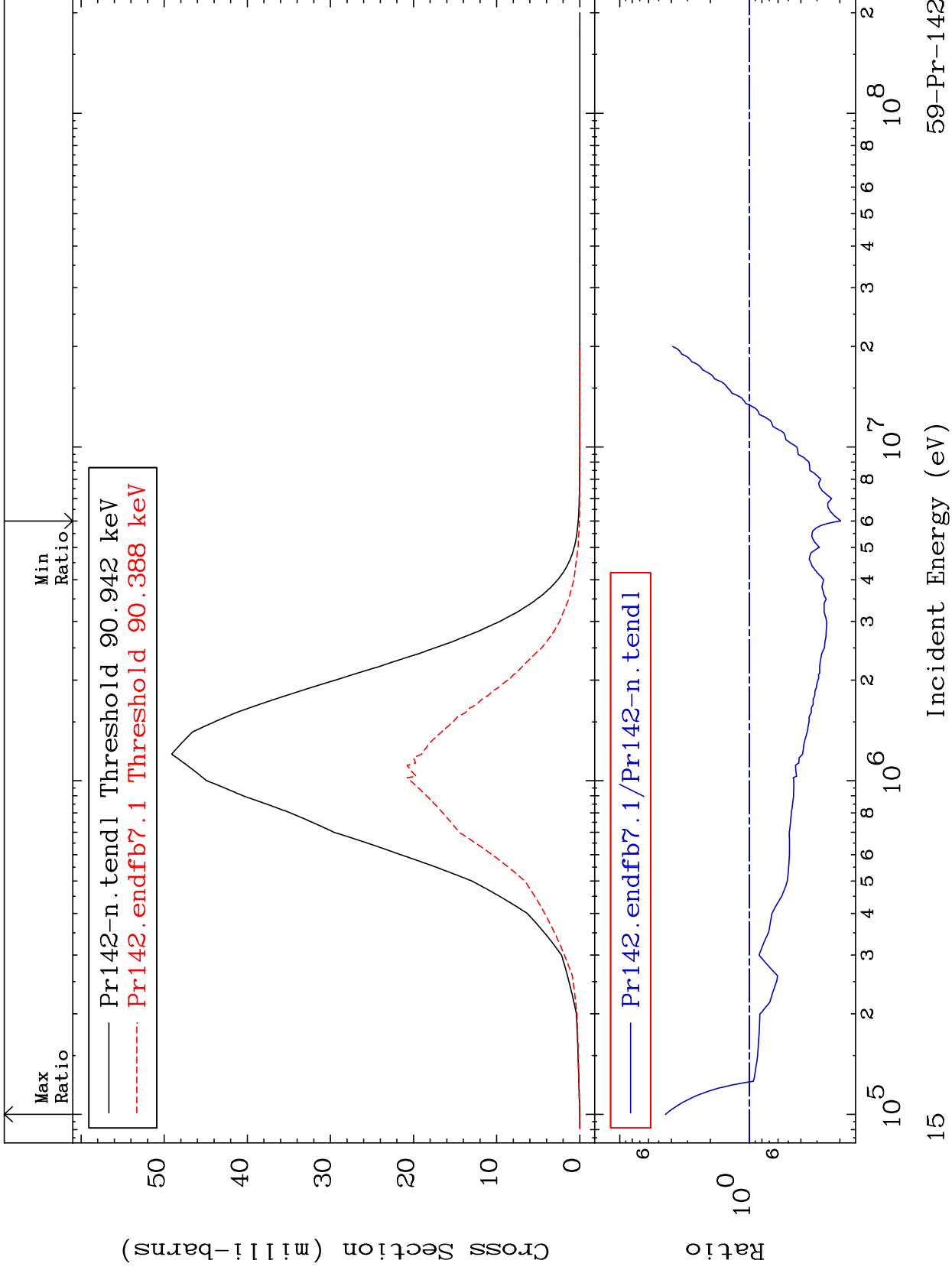
Cross Section



MAT 5928

90.30 keV (n,n') Level  
Cross Section

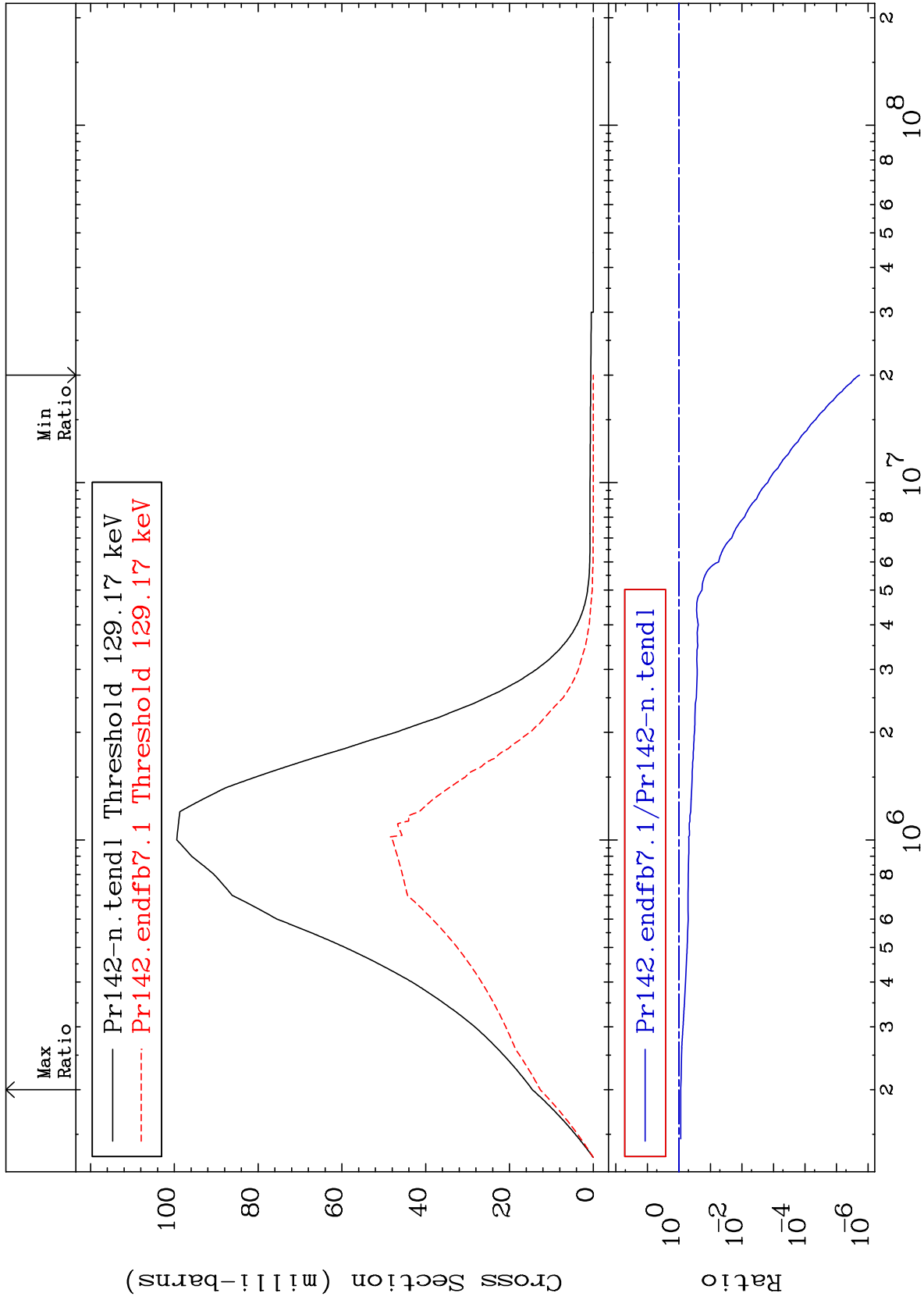
59-Pr-142  
-80.29 To 343.2 %



MAT 5928

128.3 keV (n,n') Level  
Cross Section

59-Pr-142  
-100.0 To -12.84%



16

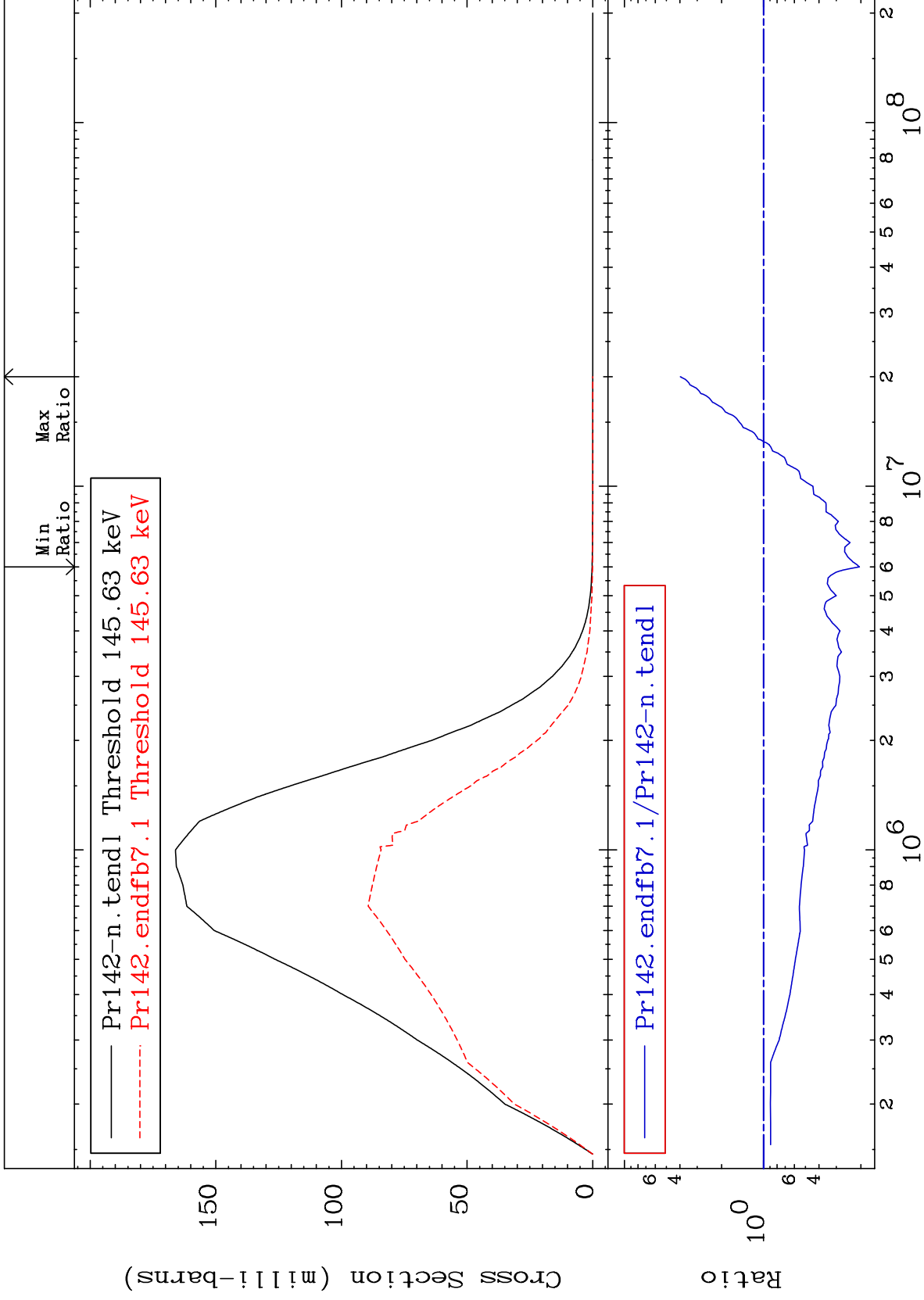
59-Pr-142



MAT 5928

144.6 keV (n,n') Level  
Cross Section

59-Pr-142  
-79.53 To 296.4 %



17

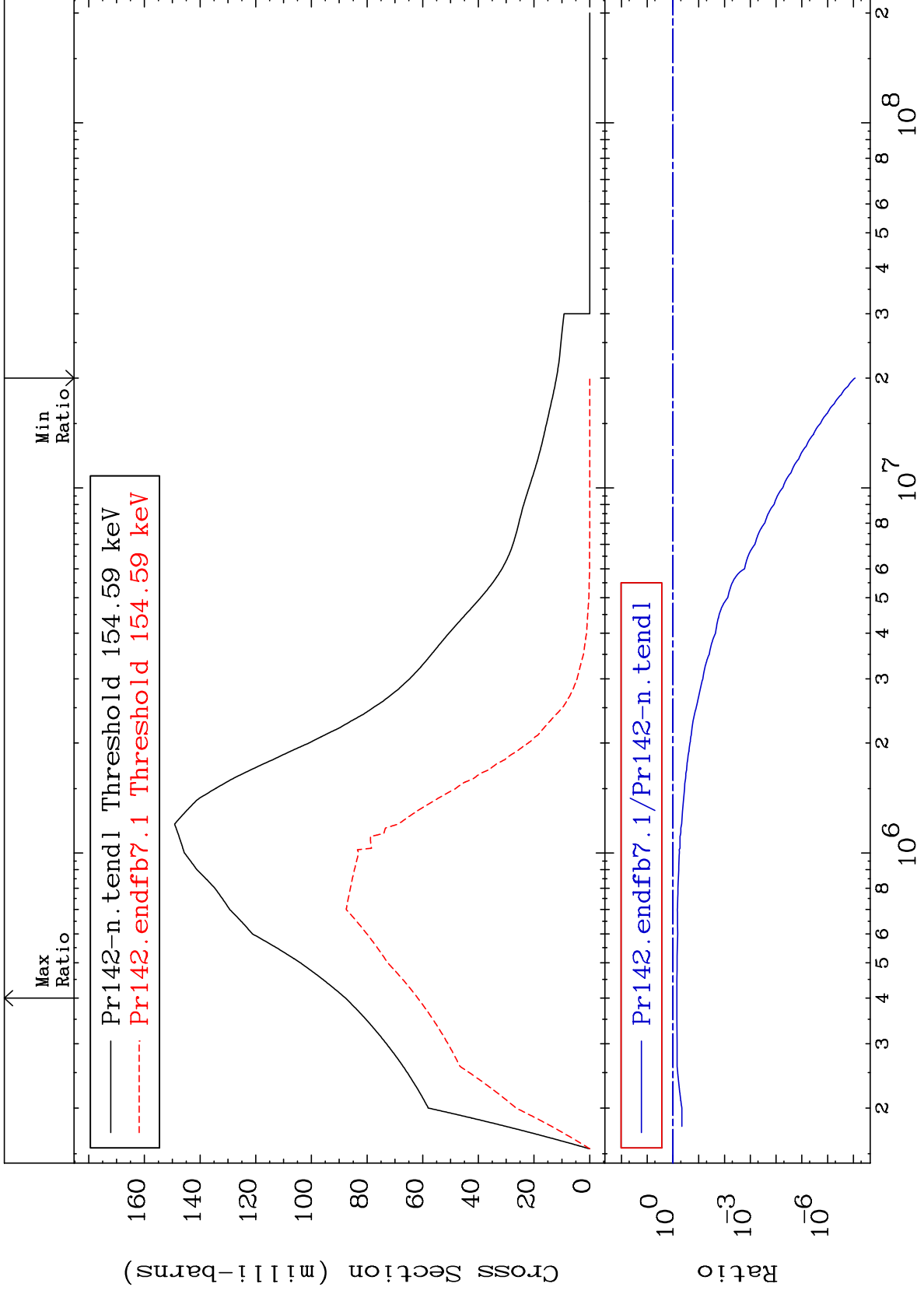
Incident Energy (eV)

59-Pr-142

MAT 5928

153.5 keV (n,n') Level  
Cross Section

59-Pr-142  
-100.0 To -29.61%



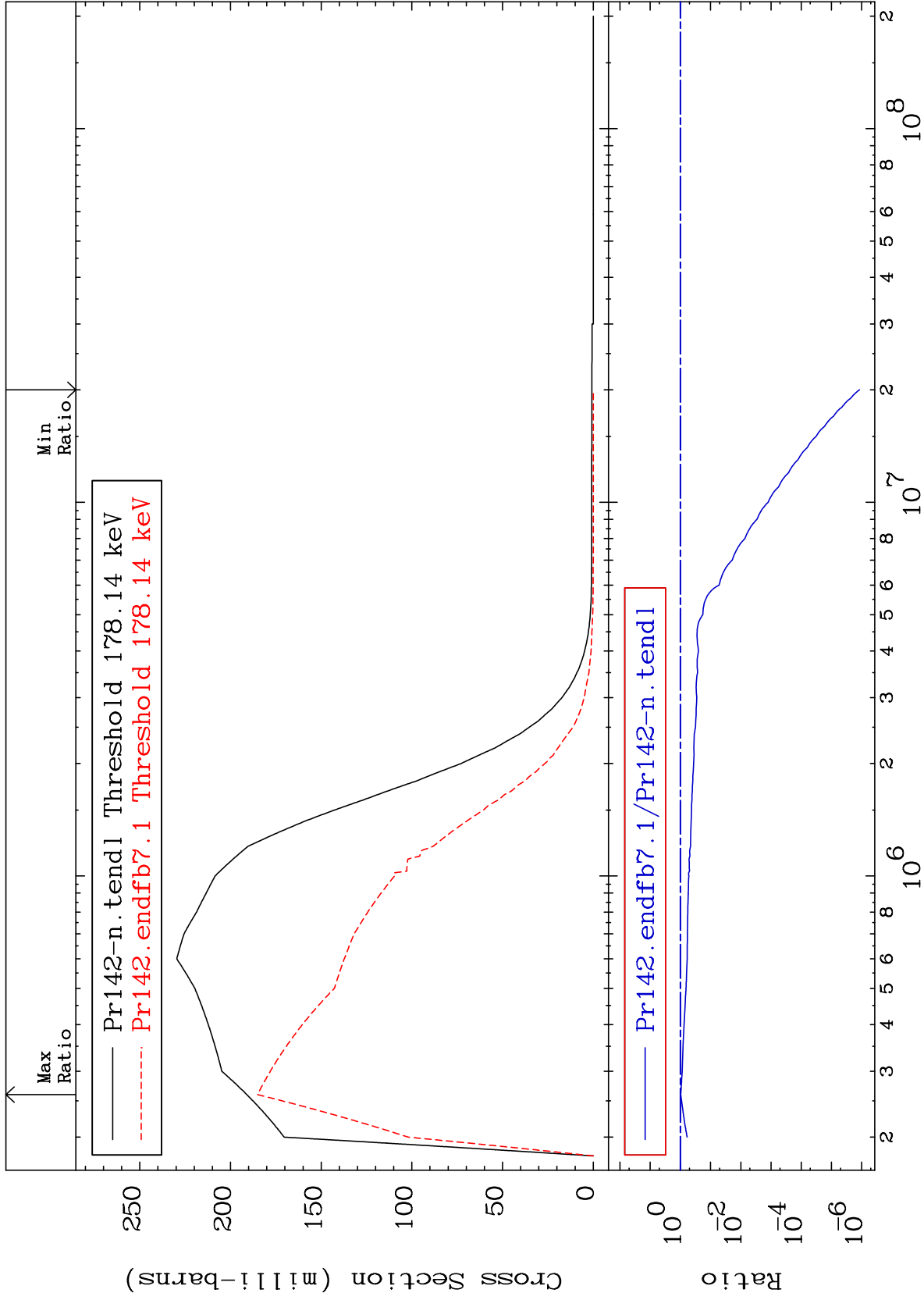
MAT 5928

176.9 keV (n,n') Level

59-Pr-142

-100.0 To -3.089%

Cross Section



19

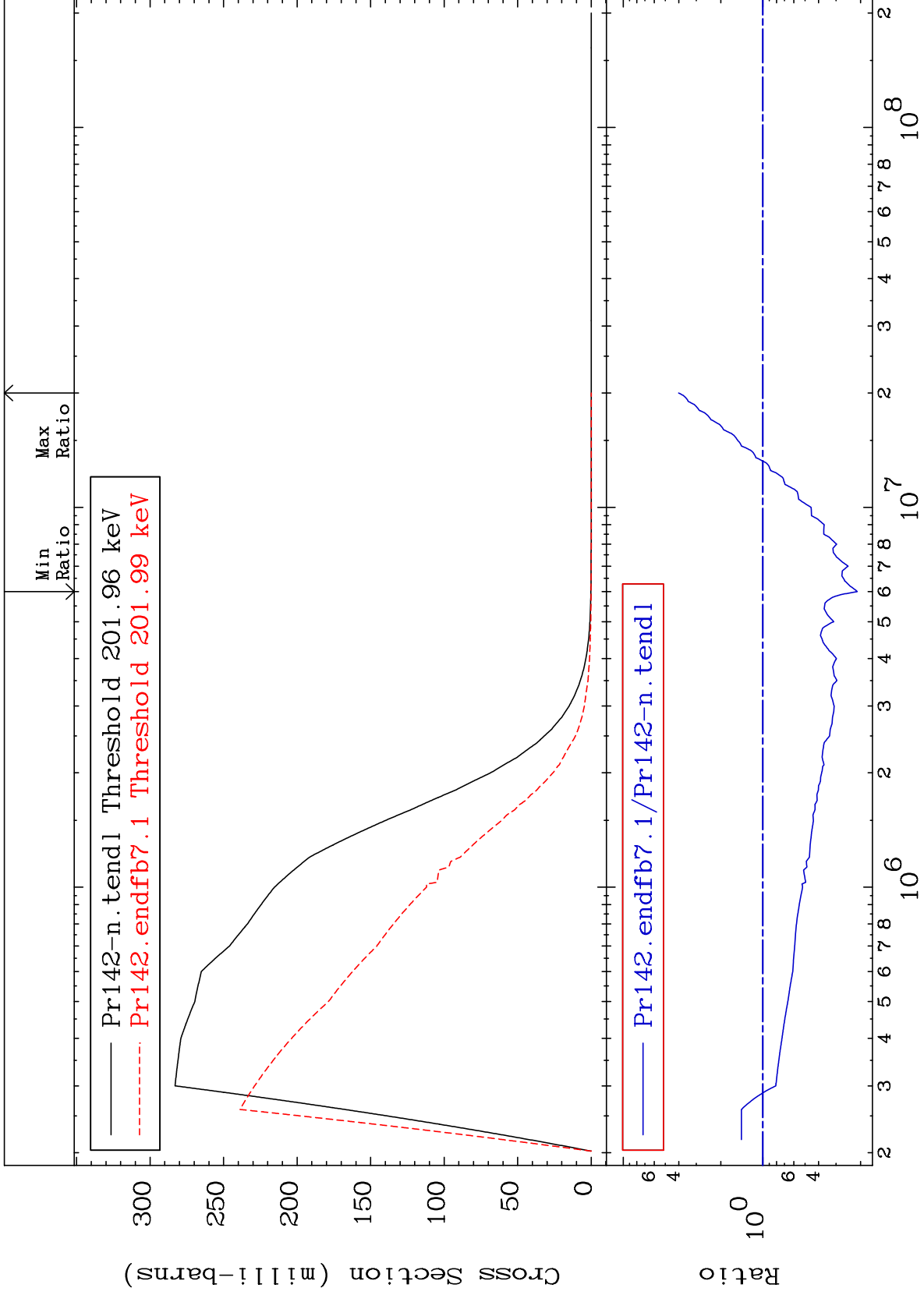
Incident Energy (eV)

59-Pr-142

MAT 5928

200.5 keV (n,n') Level  
Cross Section

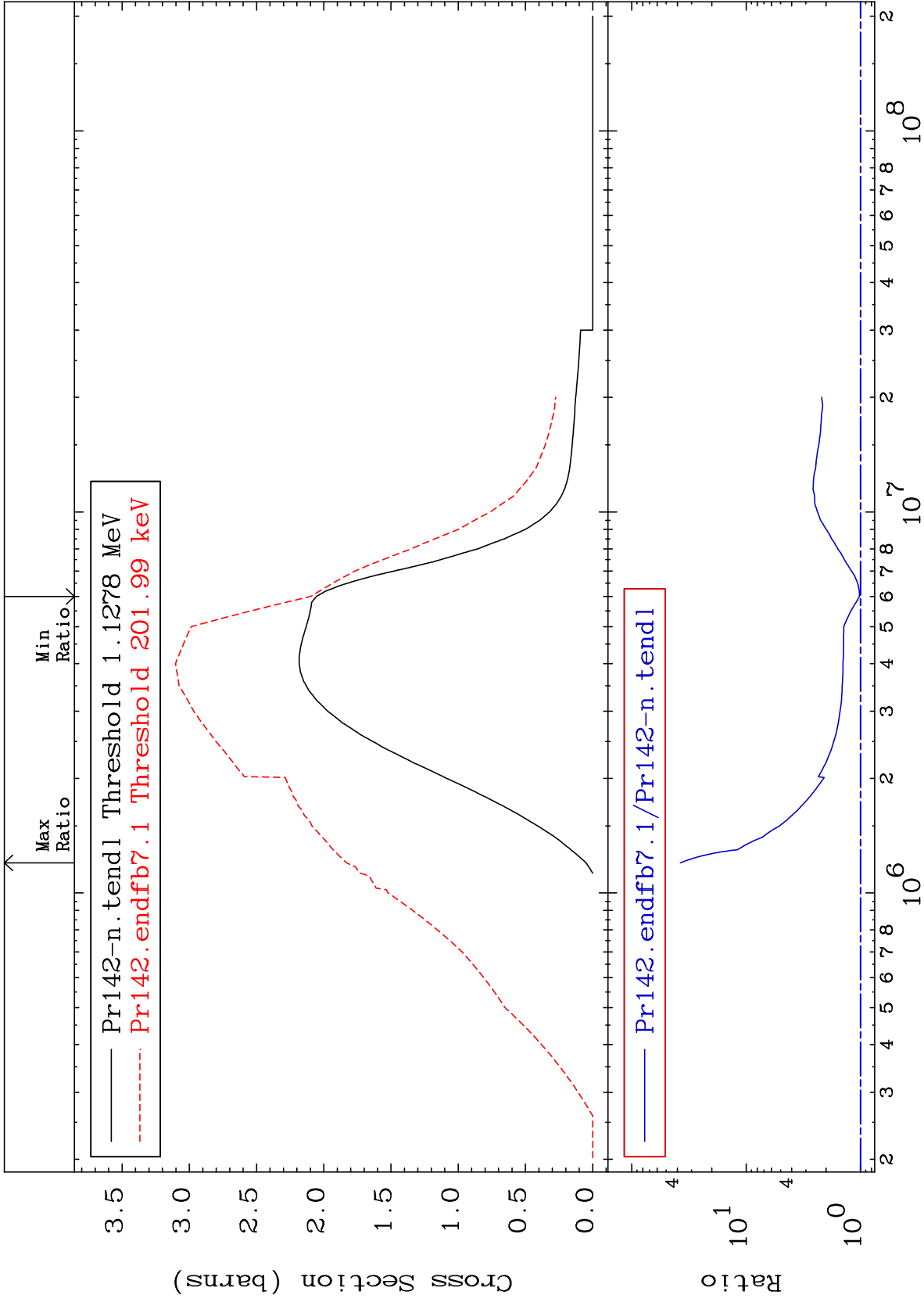
59-Pr-142  
-78.87 To 301.0 %



20

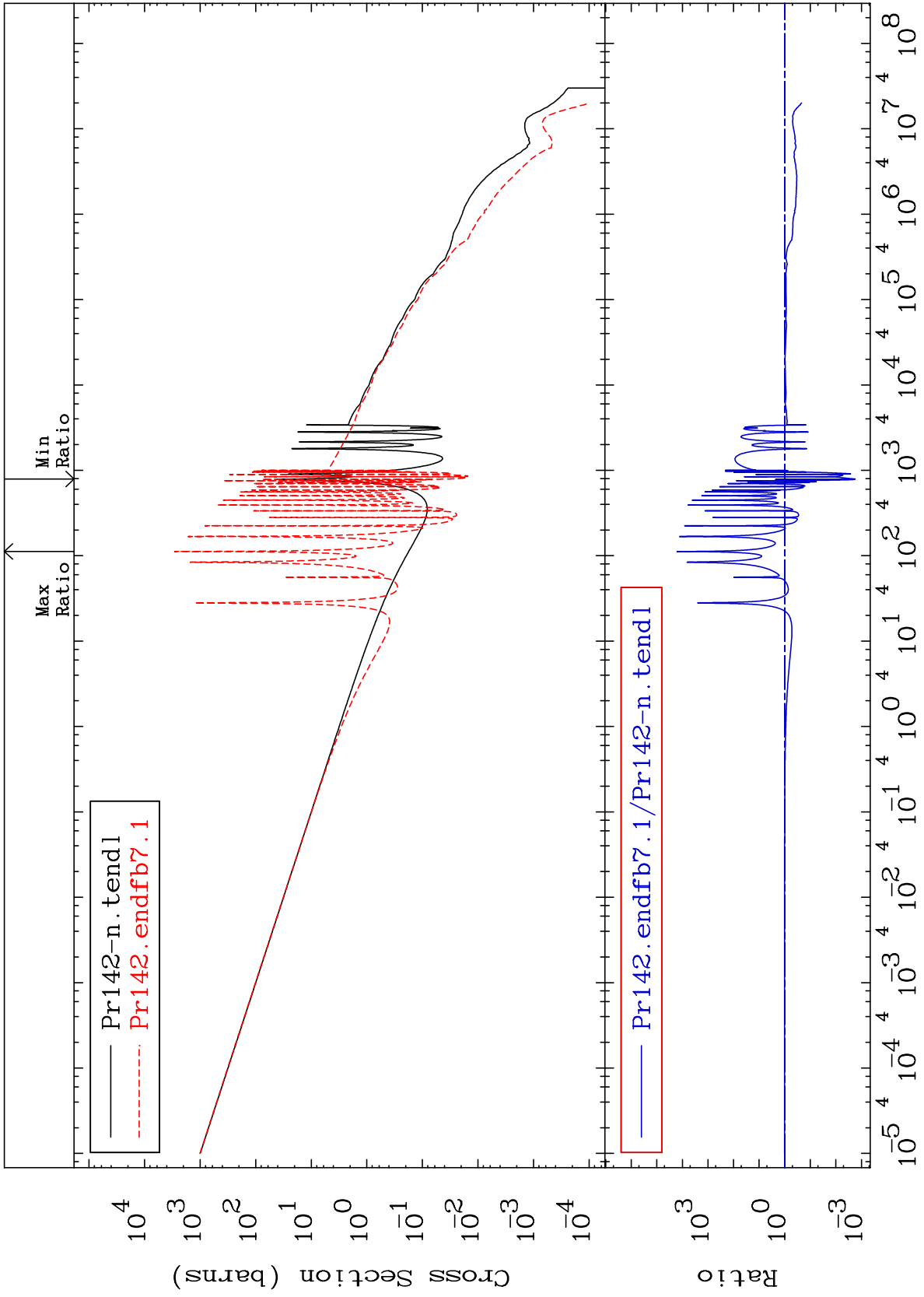
Incident Energy (eV)

59-Pr-142



MAT 5928

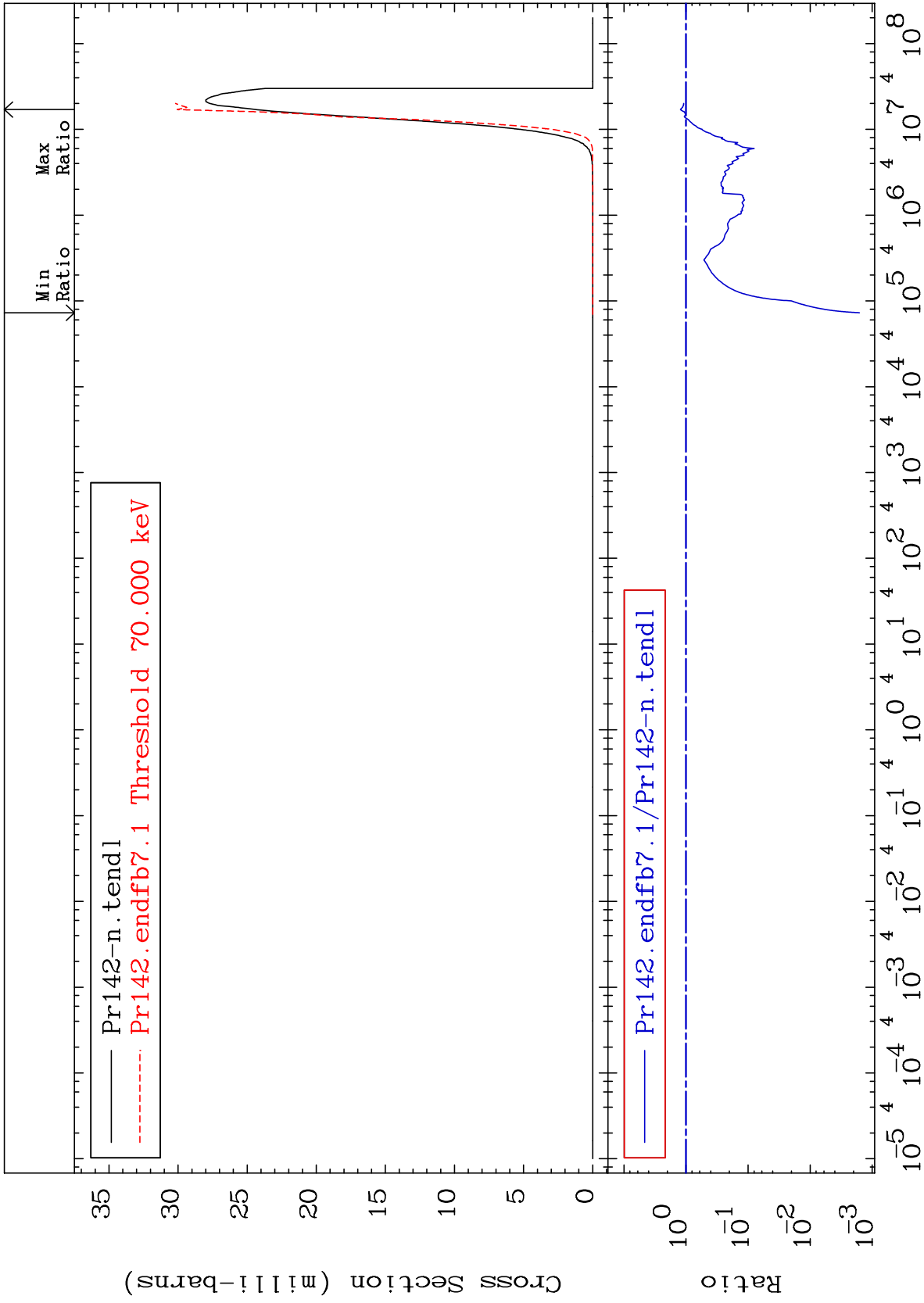
(n,  $\gamma$ )  
Cross Section  
59-Pr-142  
-99.82 To 9999. %



MAT 5928

(n,p)  
Cross Section

59-Pr-142  
-99.84 To 23.26 %



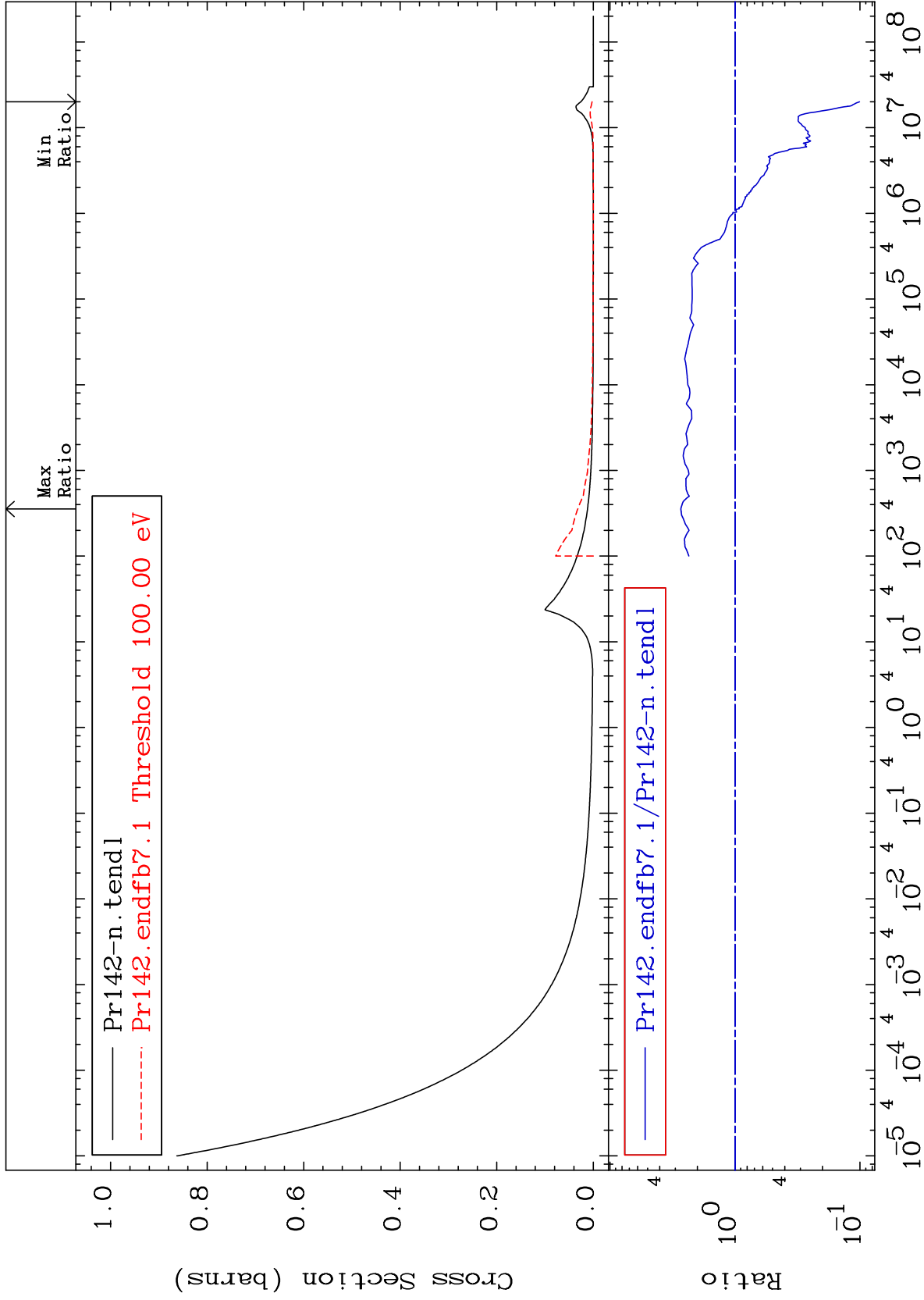
MAT 5928

(n,  $\alpha$ )

59-Pr-142

Cross Section

-89.91 To 171.4 %

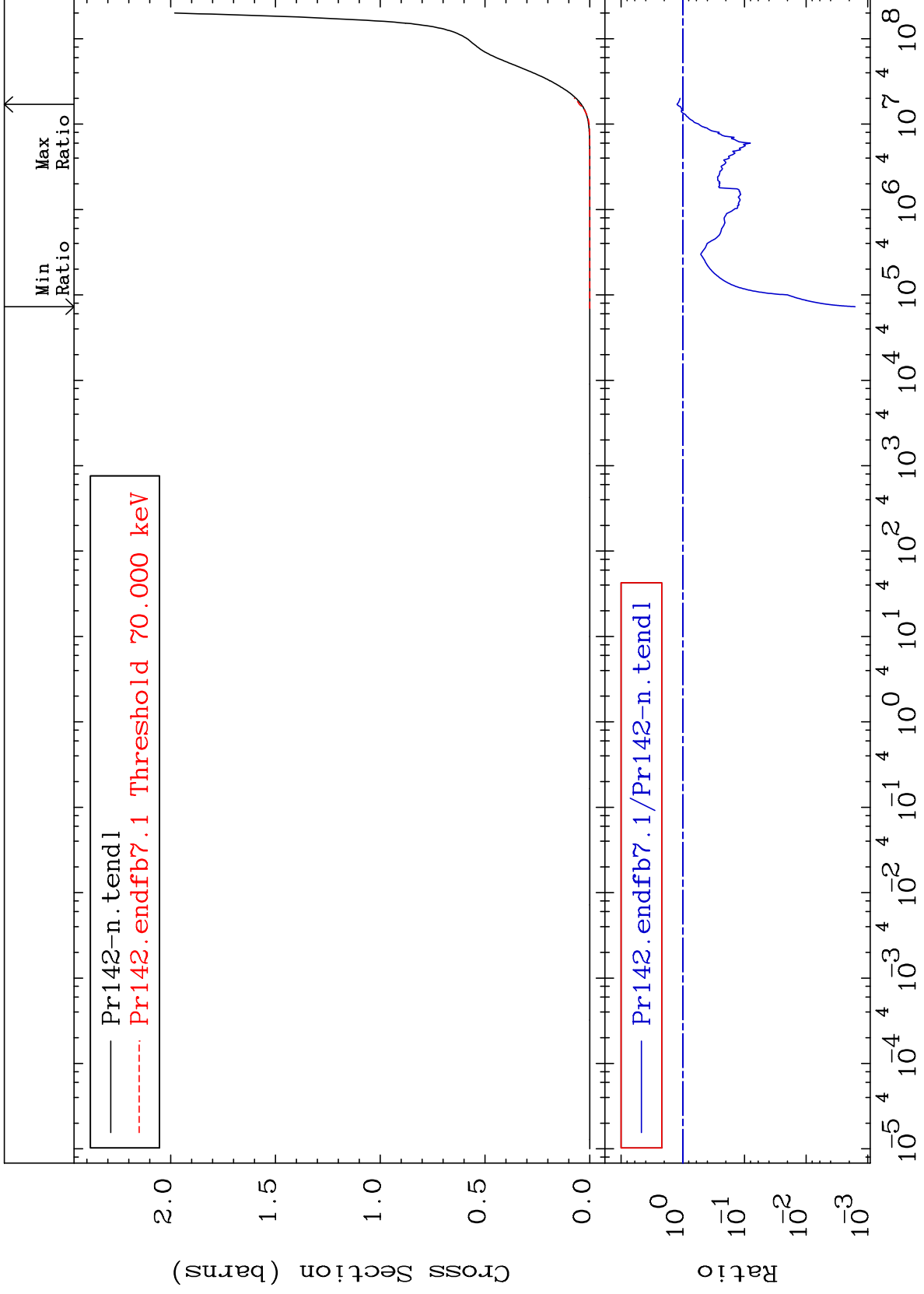




MAT 5928

Hydrogen Production  
Cross Section

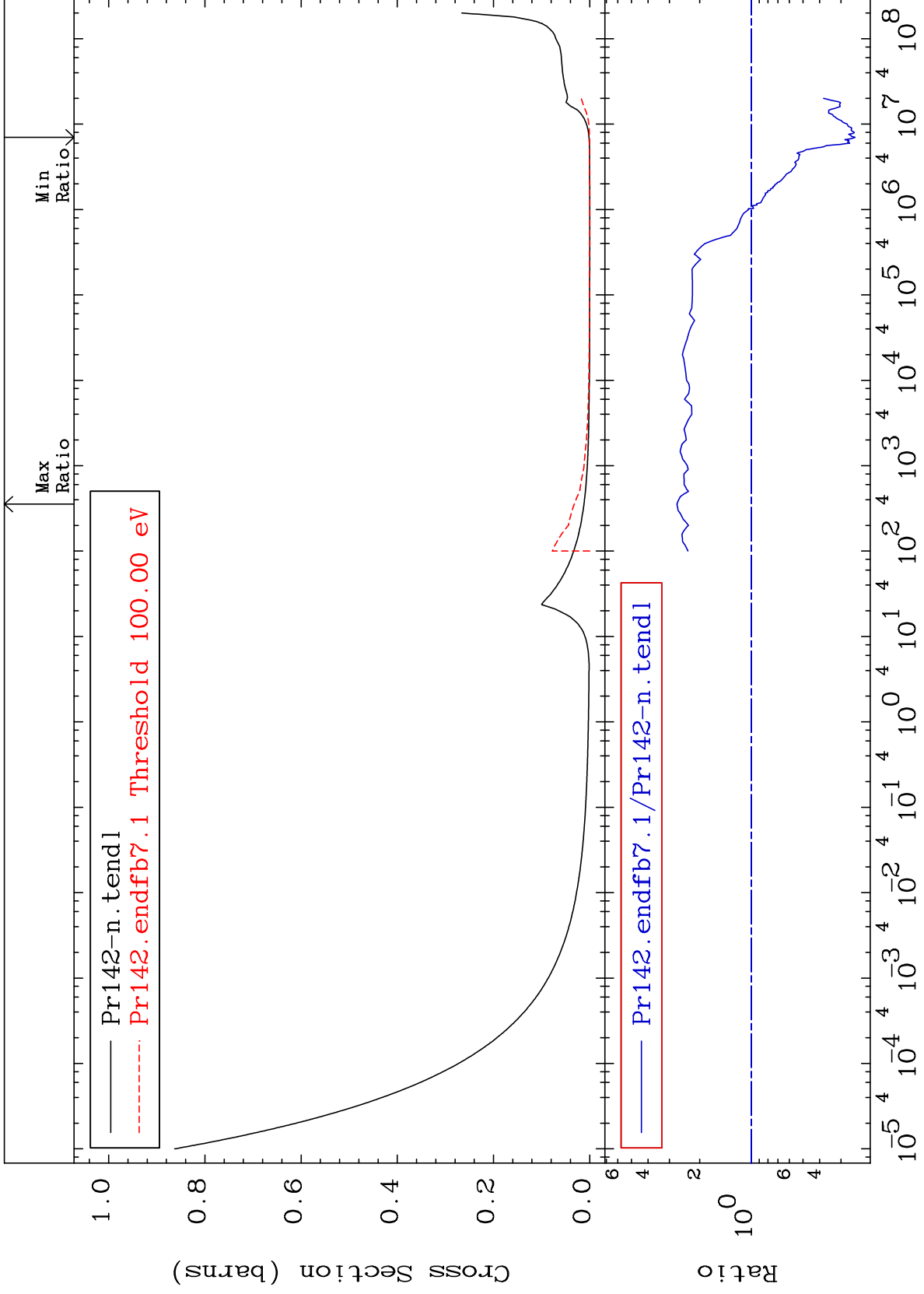
59-Pr-142  
-99.84 To 24.54 %

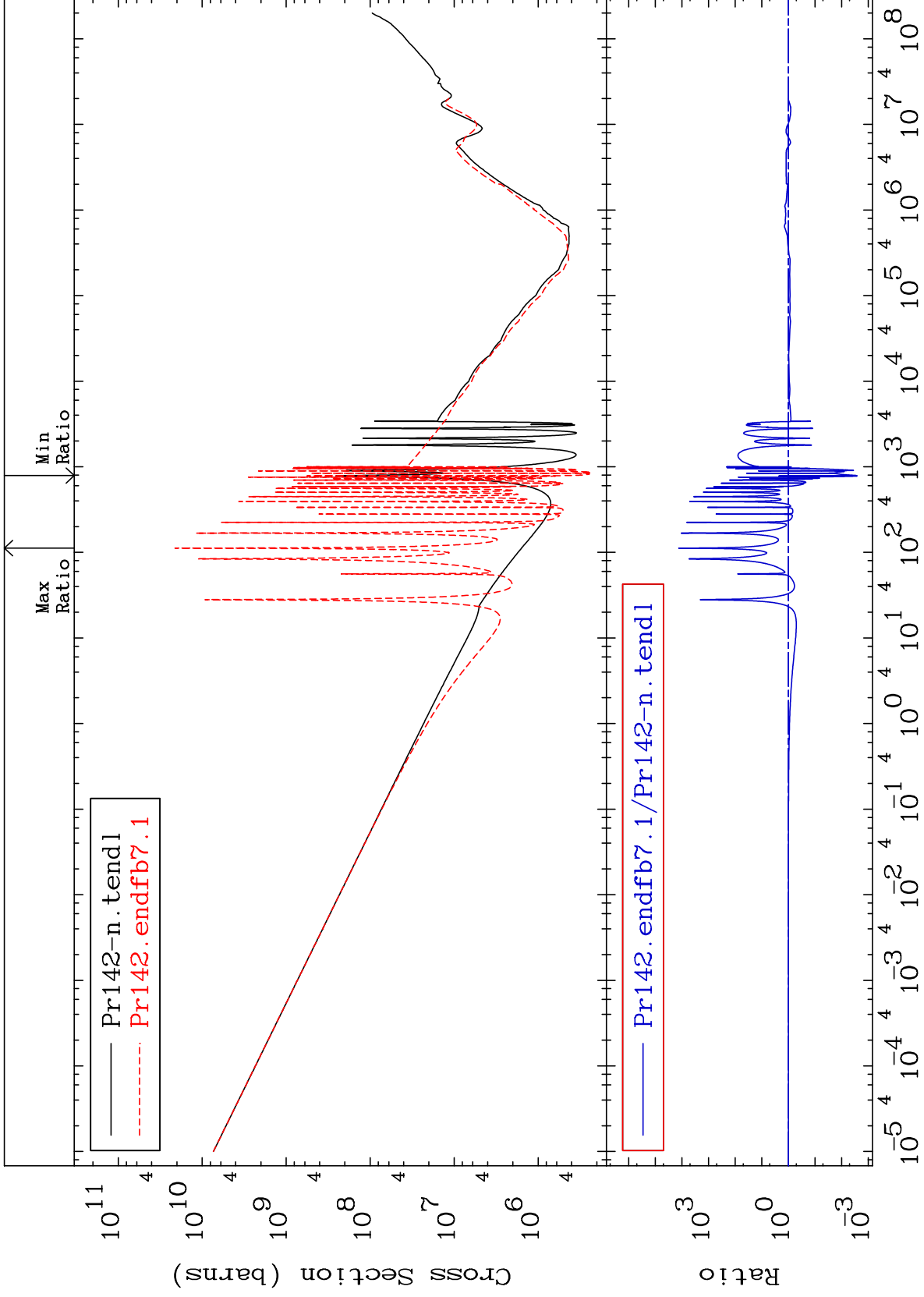


MAT 5928

He-4 Production  
Cross Section

59-Pr-142  
-75.15 To 171.4 %

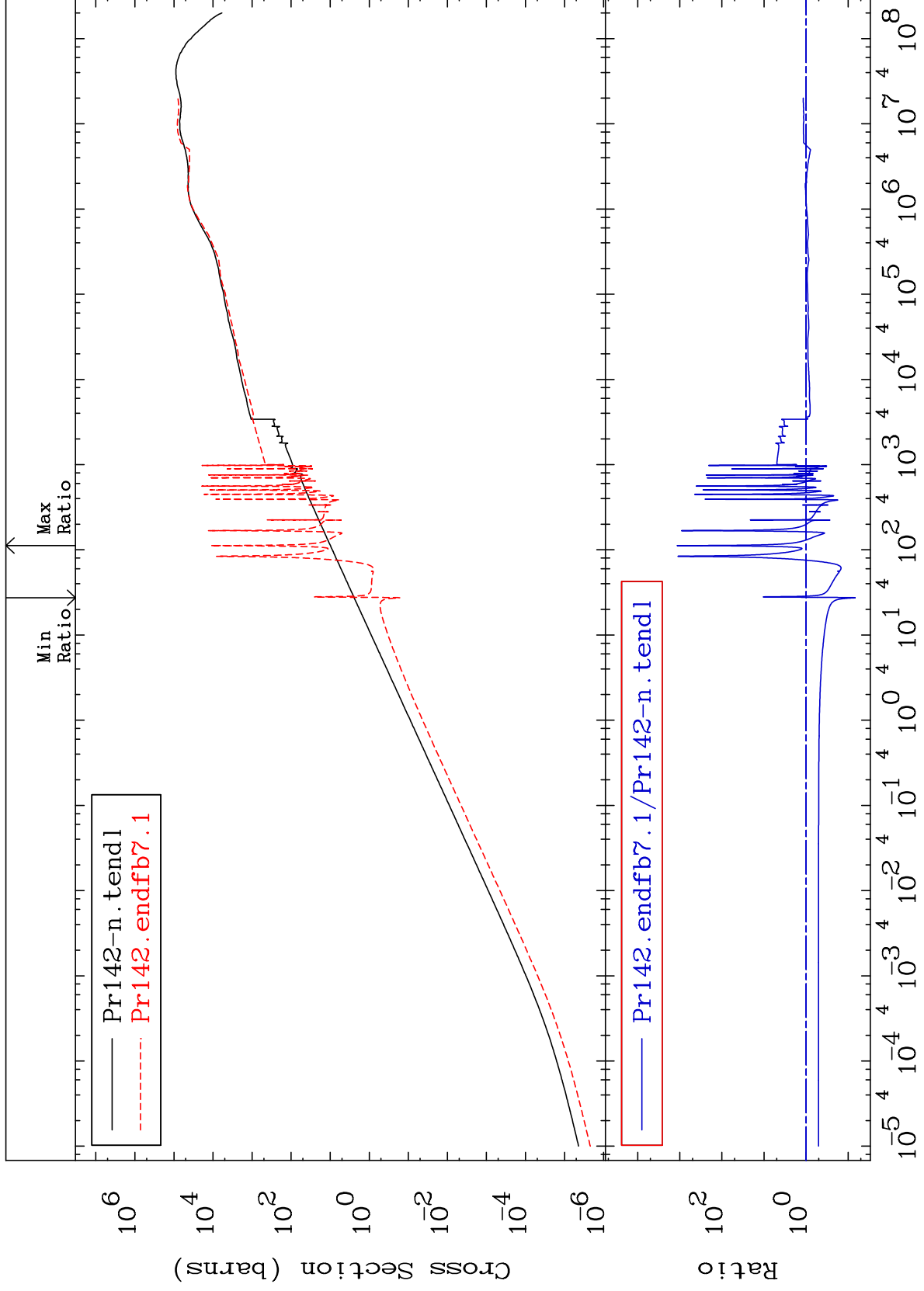




MAT 5928

Kerma elastic  
Cross Section

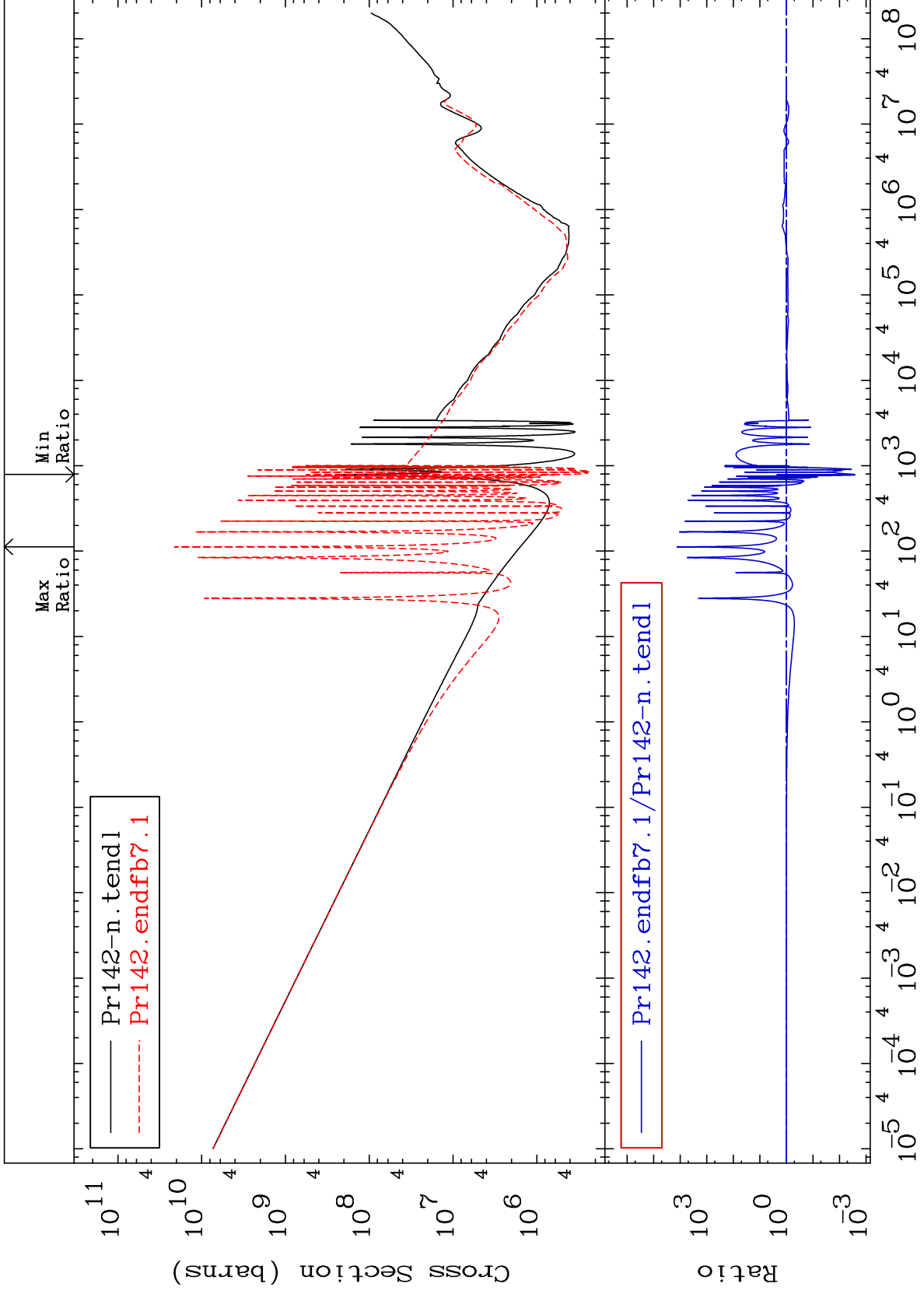
59-Pr-142  
-93.22 To 9999. %

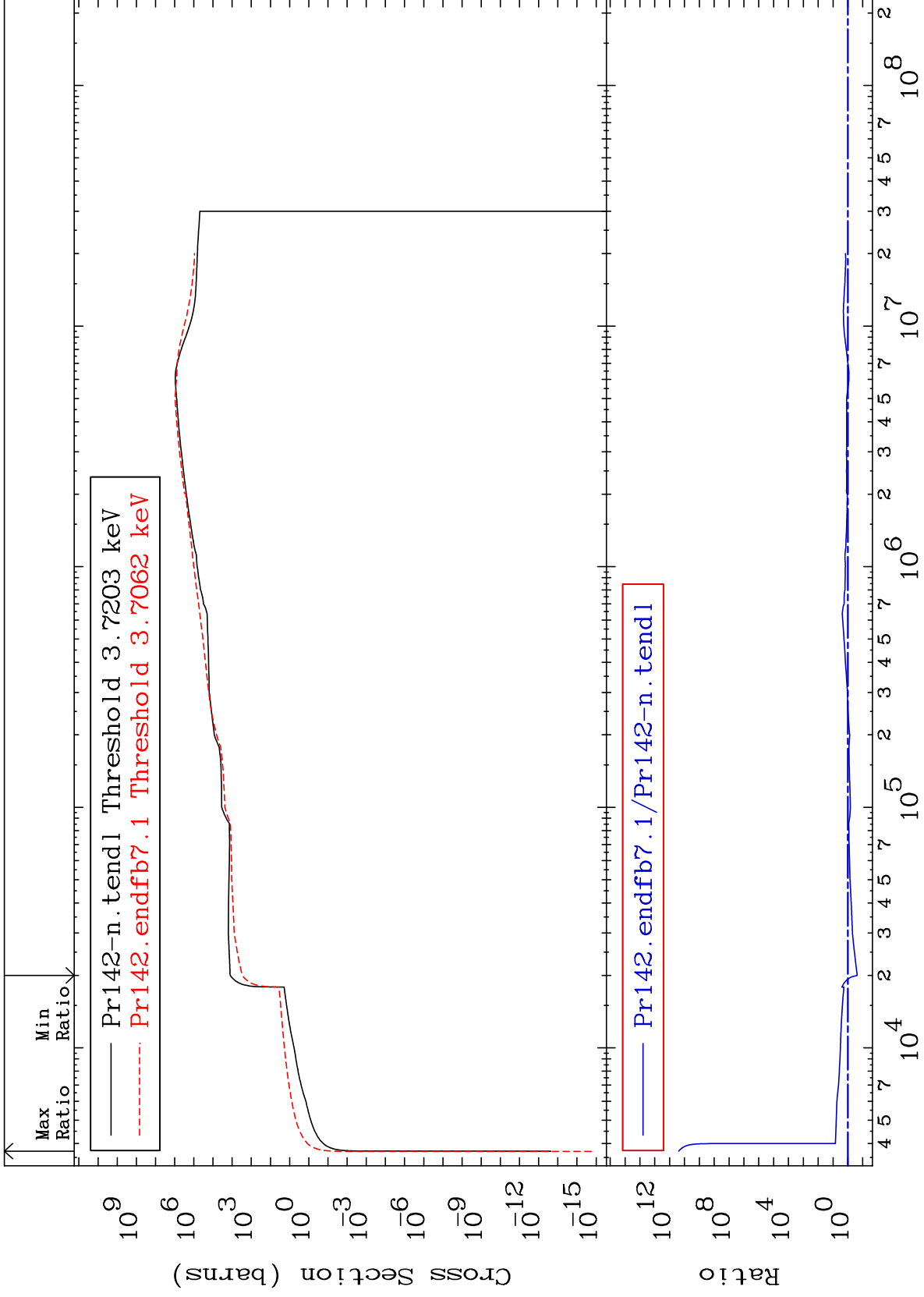


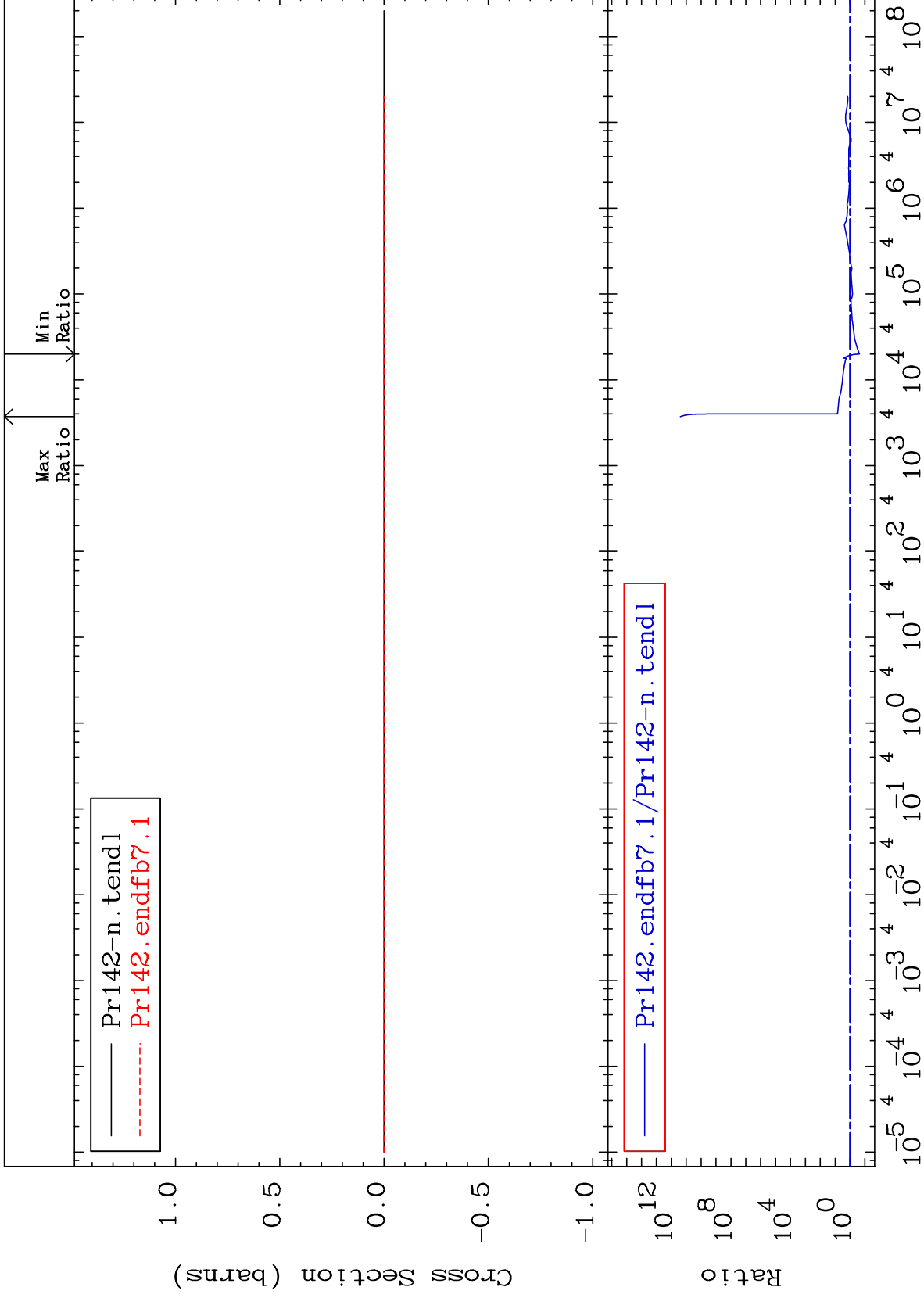
28

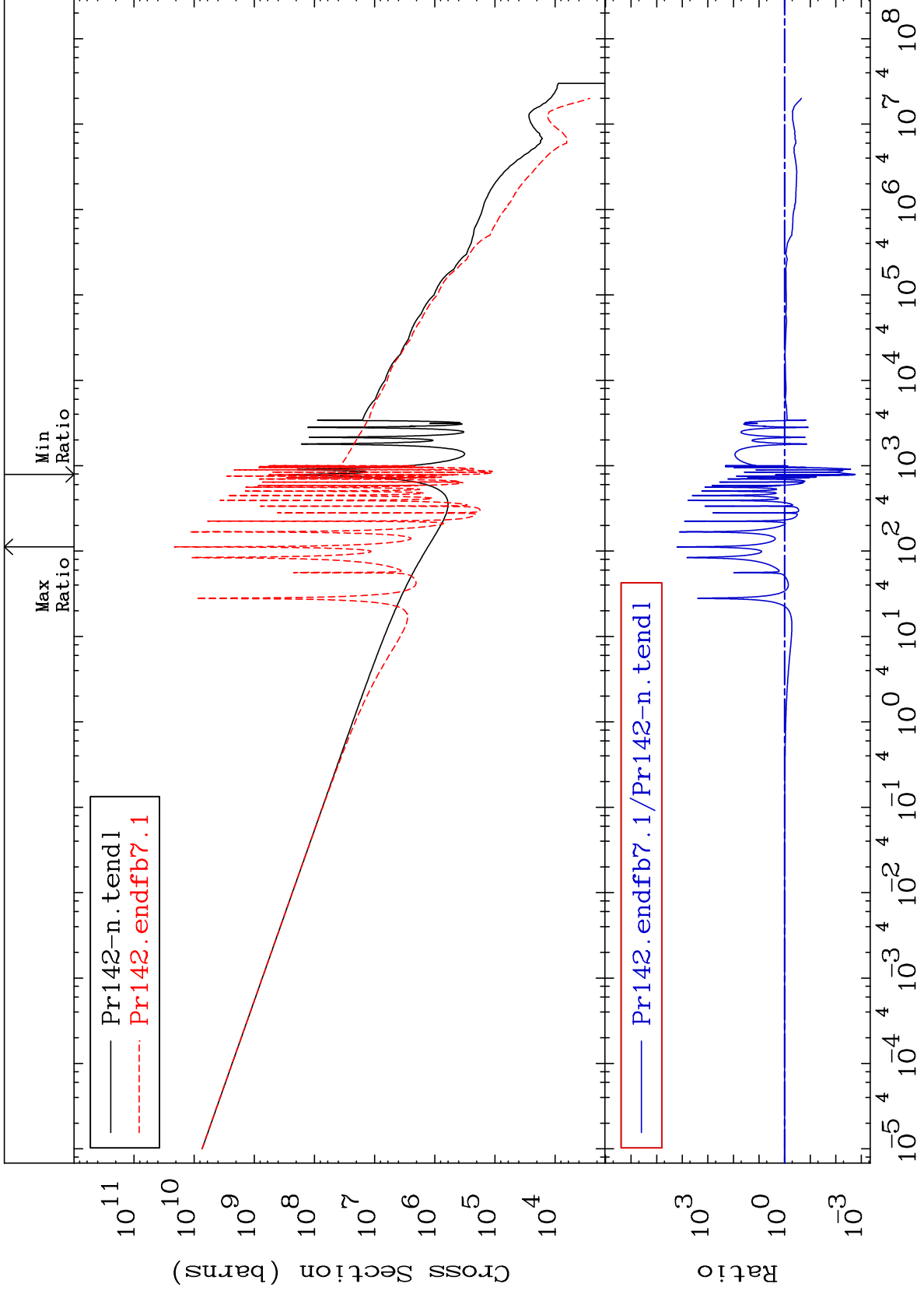
Incident Energy (eV)

59-Pr-142

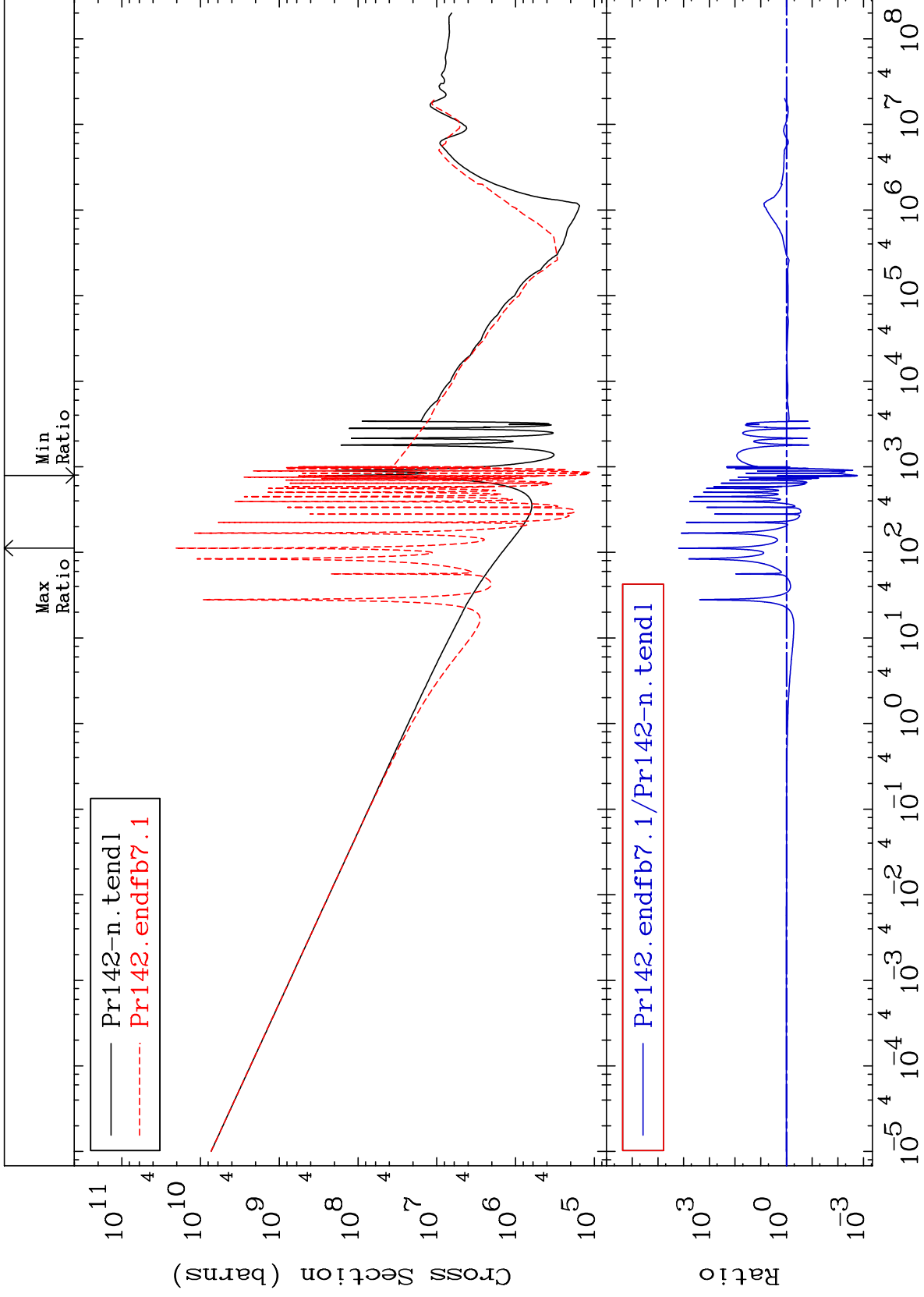


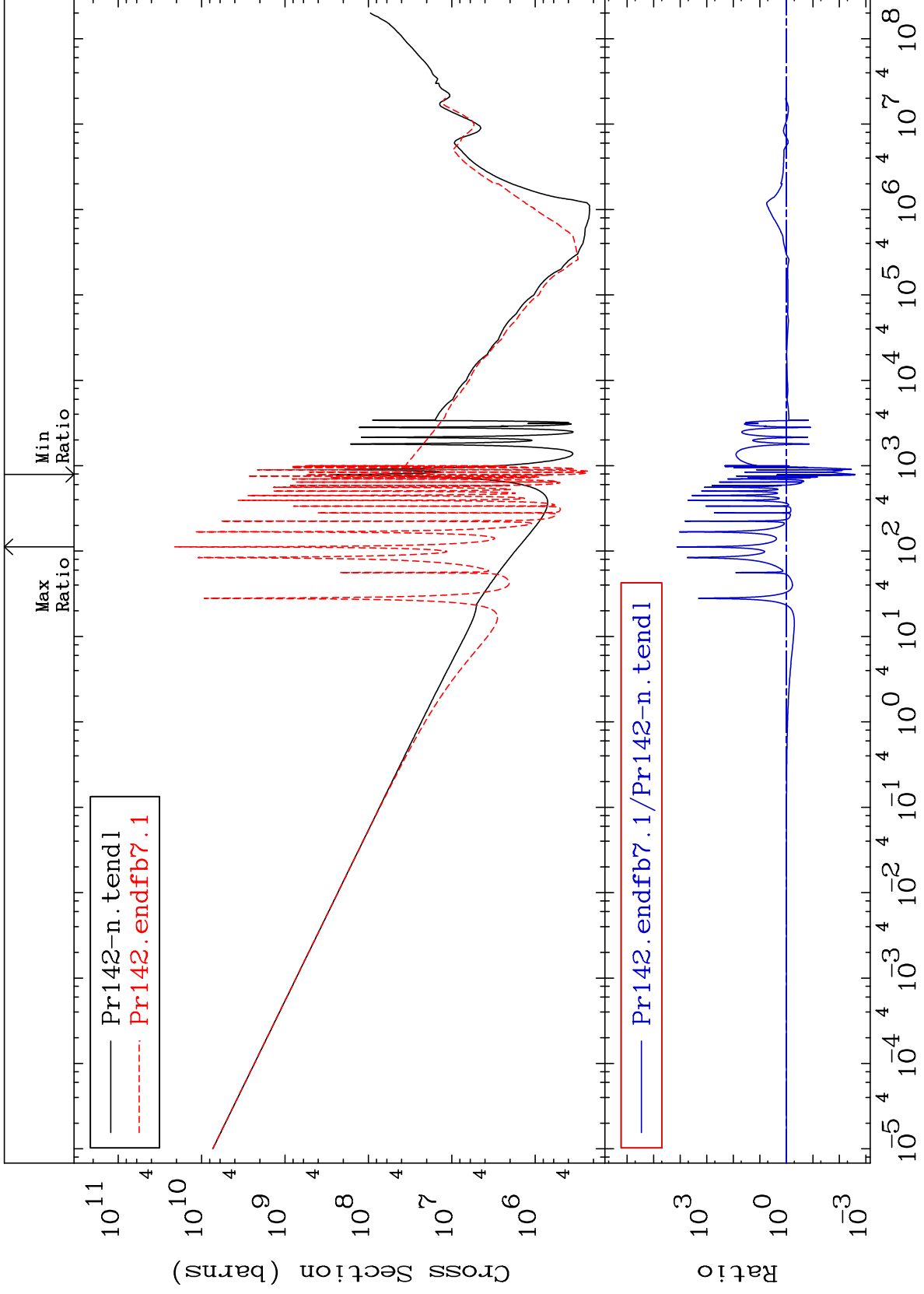


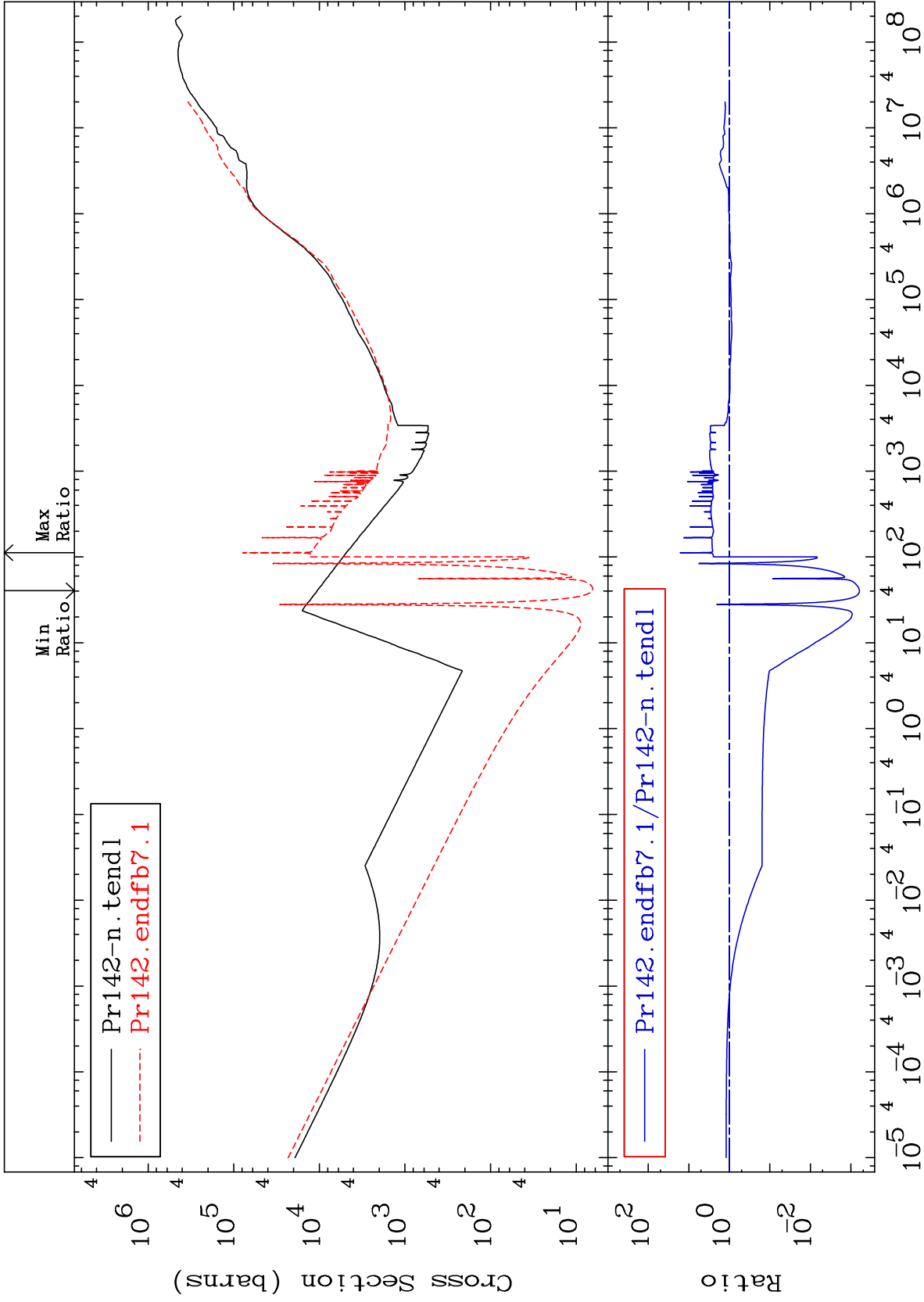












MAT 5928

Dpa elastic (mt2)  
Cross Section

59-Pr-142  
-98.63 To 9999. %

