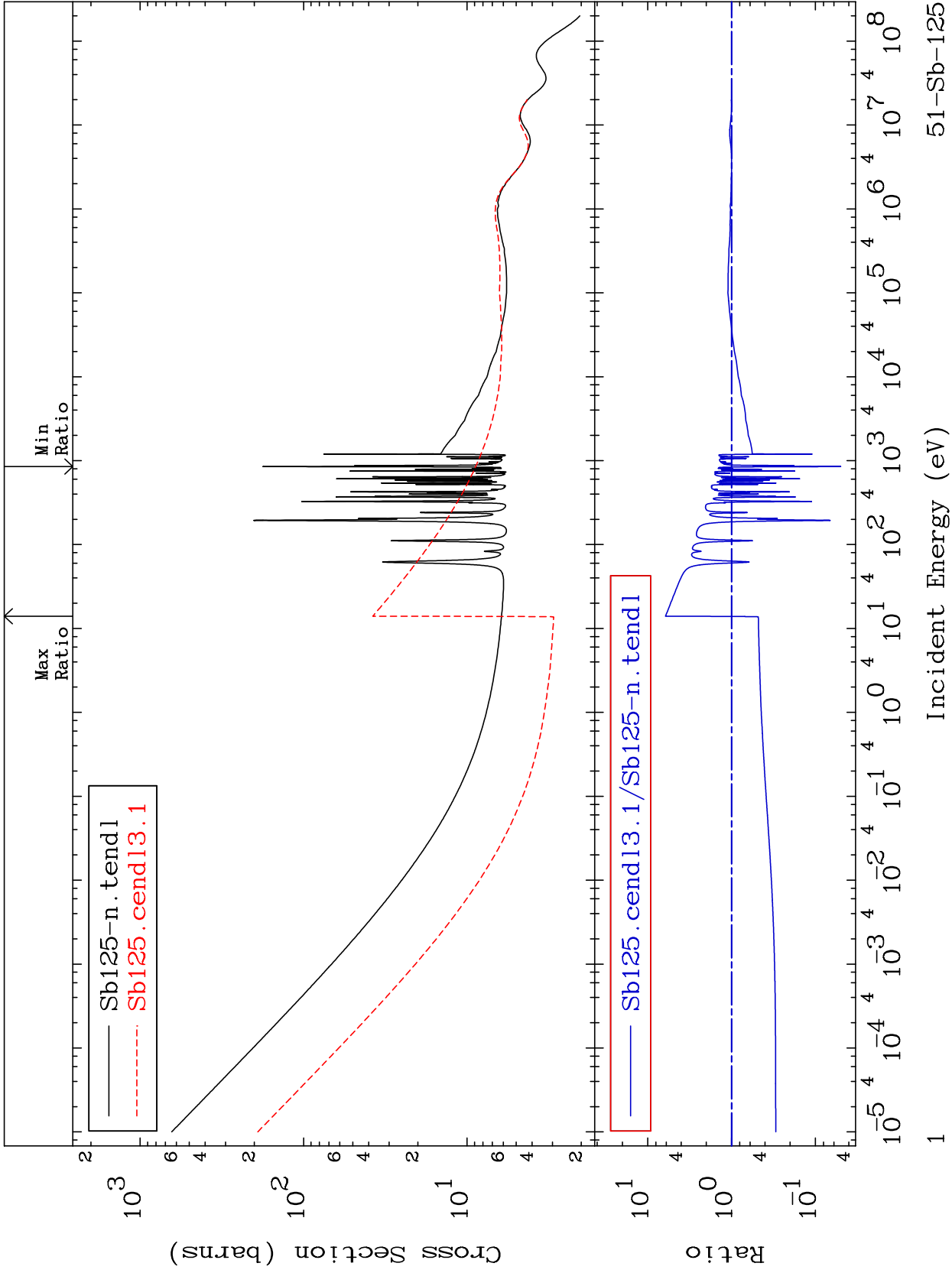


MAT 5137

Total  
Cross Section

51-Sb-125  
-95.00 To 513.4 %



51-Sb-125

Incident Energy (eV)

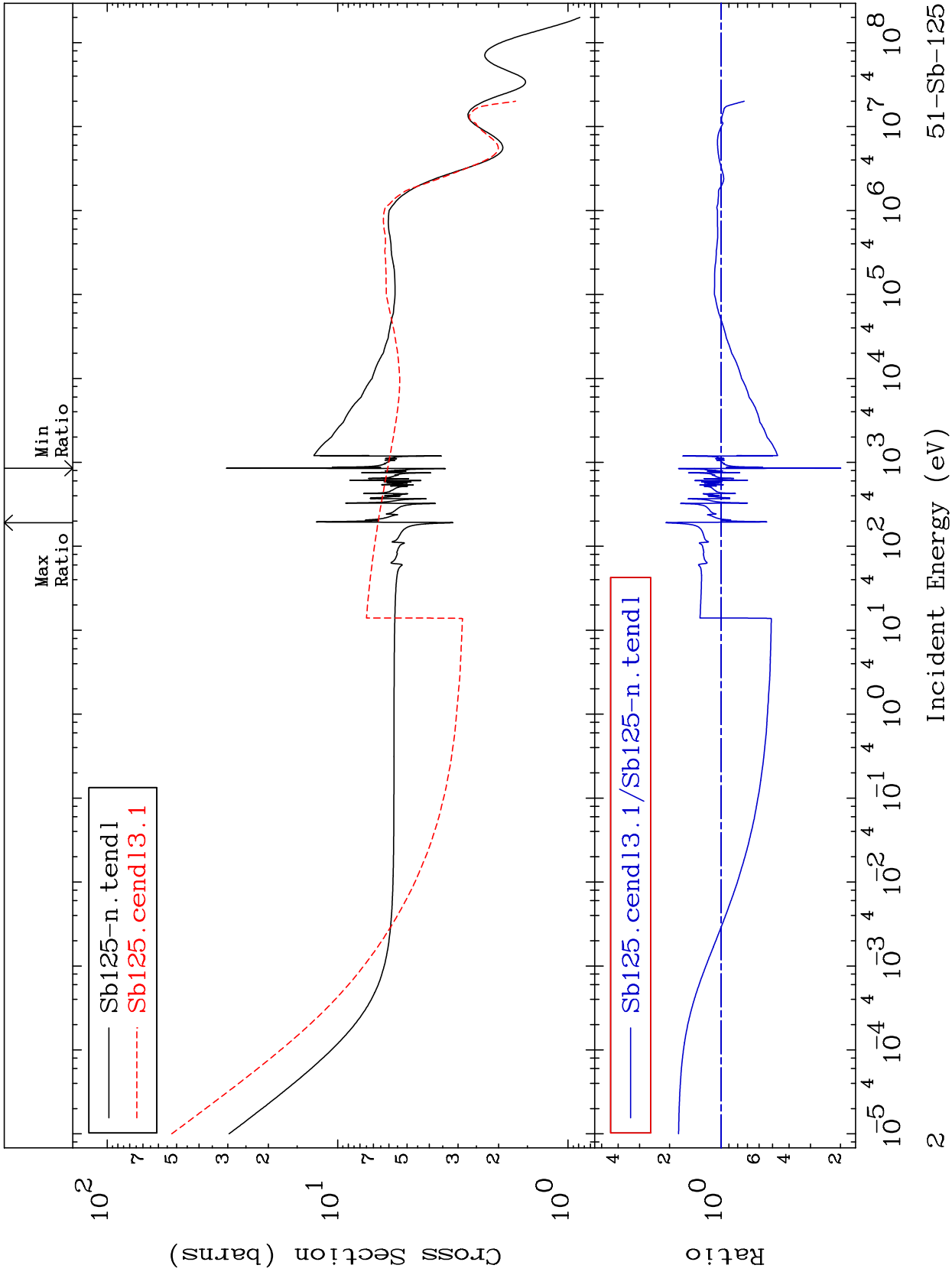
MAT 5137

Elastic

51-Sb-125

Cross Section

-80.04 To 111.5 %

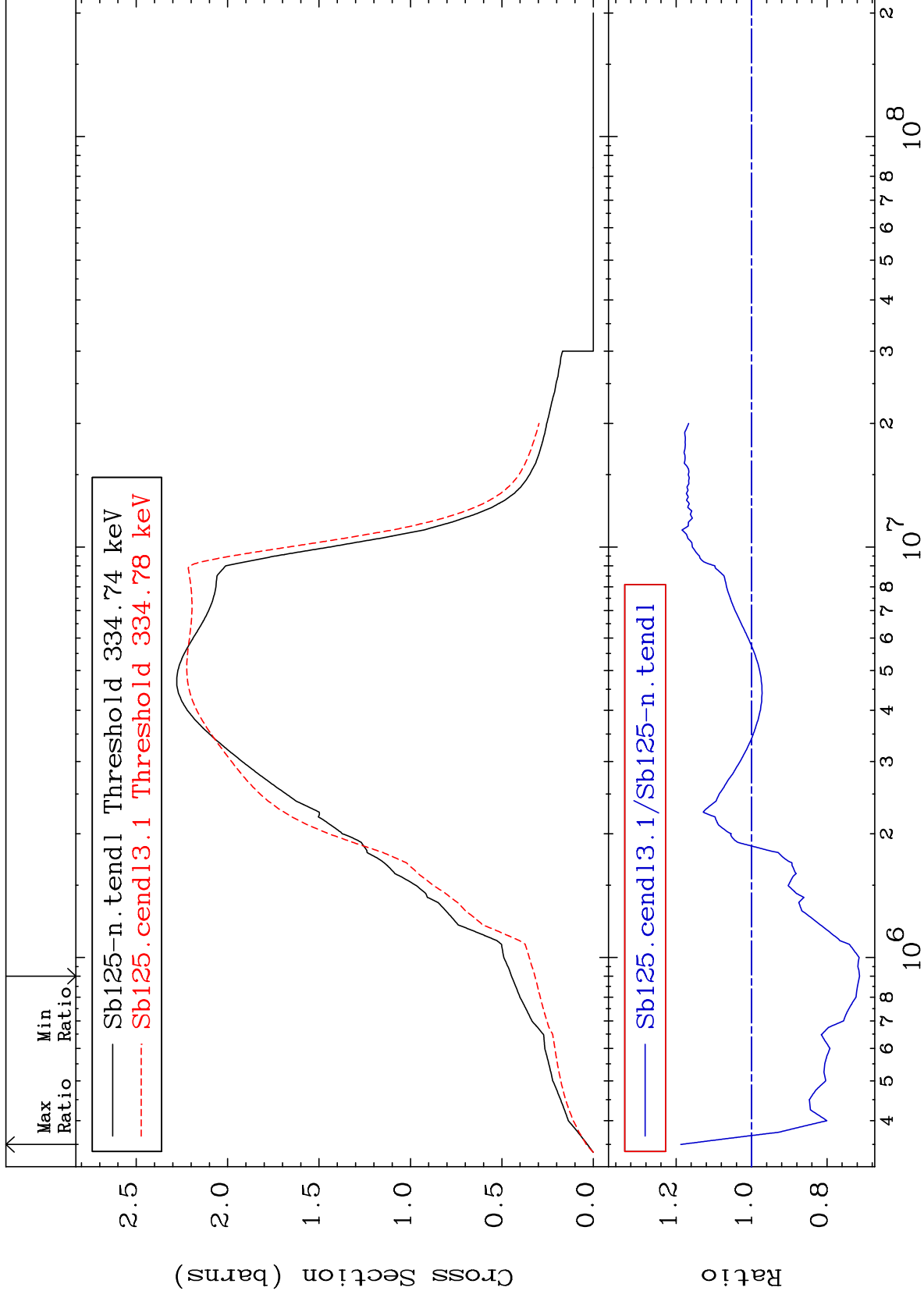


51-Sb-125

MAT 5137

Inelastic  
Cross Section

51-Sb-125  
-28.62 To 18.76 %



3

Incident Energy (eV)

51-Sb-125

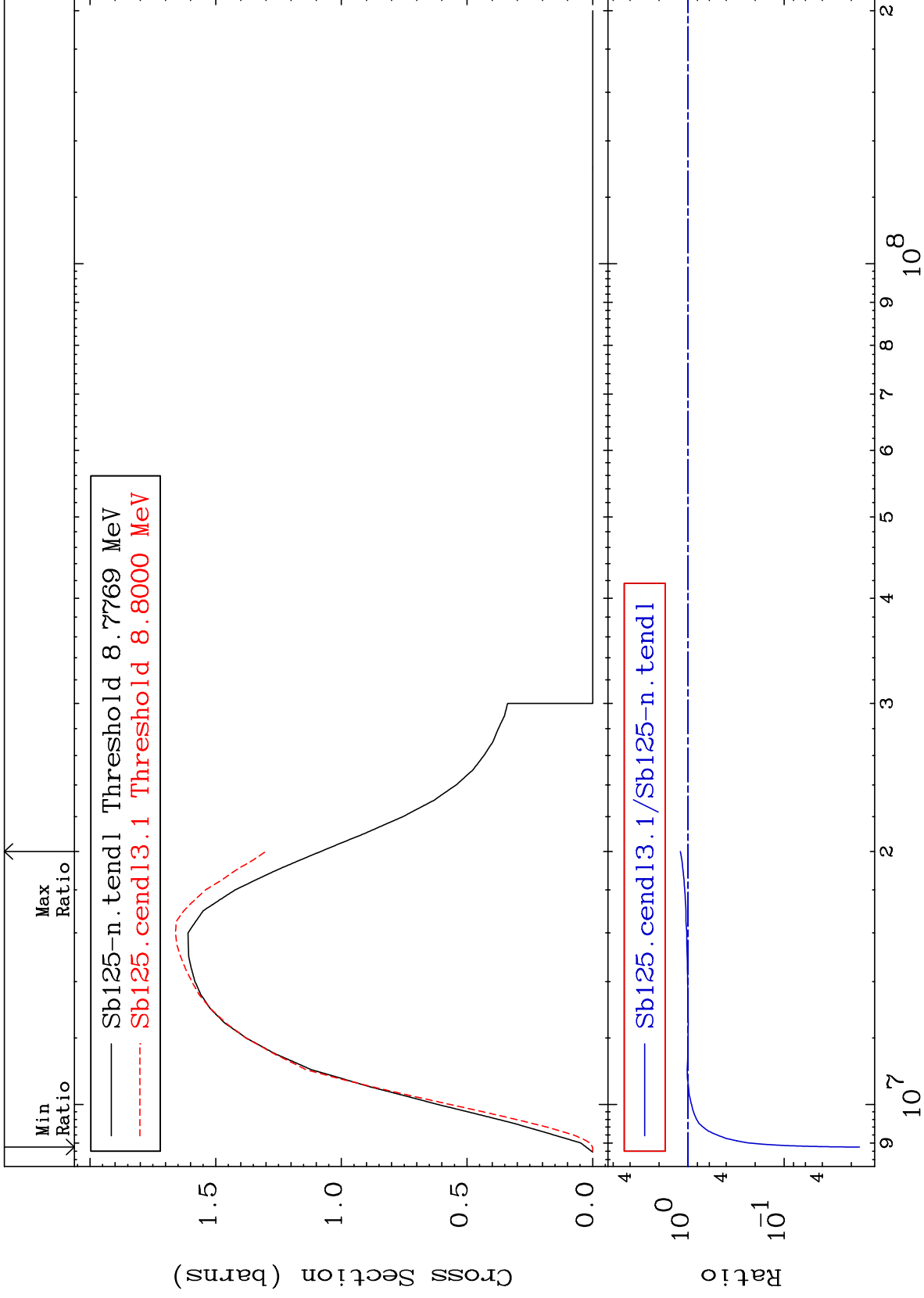
MAT 5137

(n,2n)

51-Sb-125

Cross Section

-98.35 To 20.17 %



4

Incident Energy (eV)

51-Sb-125

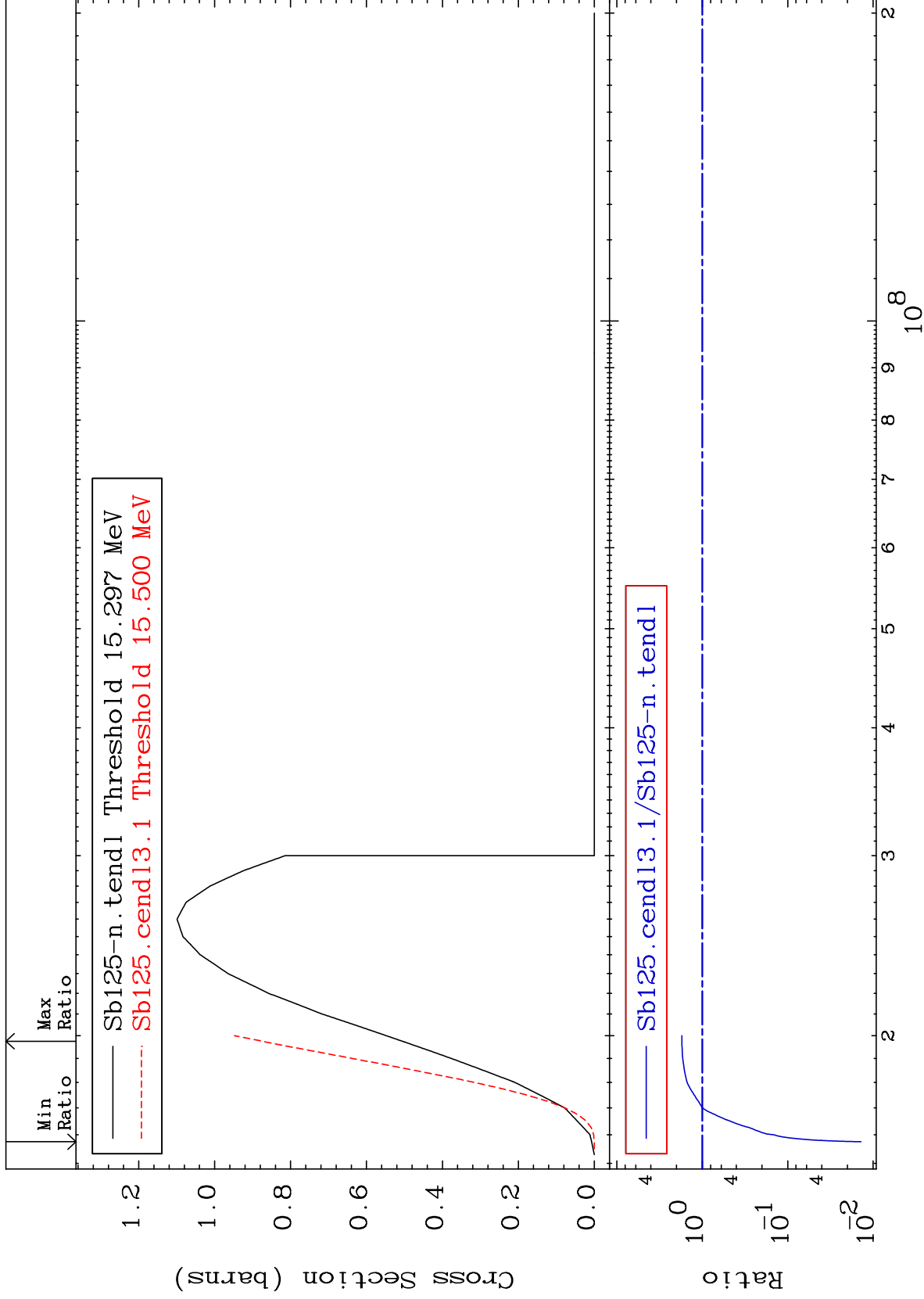
MAT 5137

(n,3n)

51-Sb-125

Cross Section

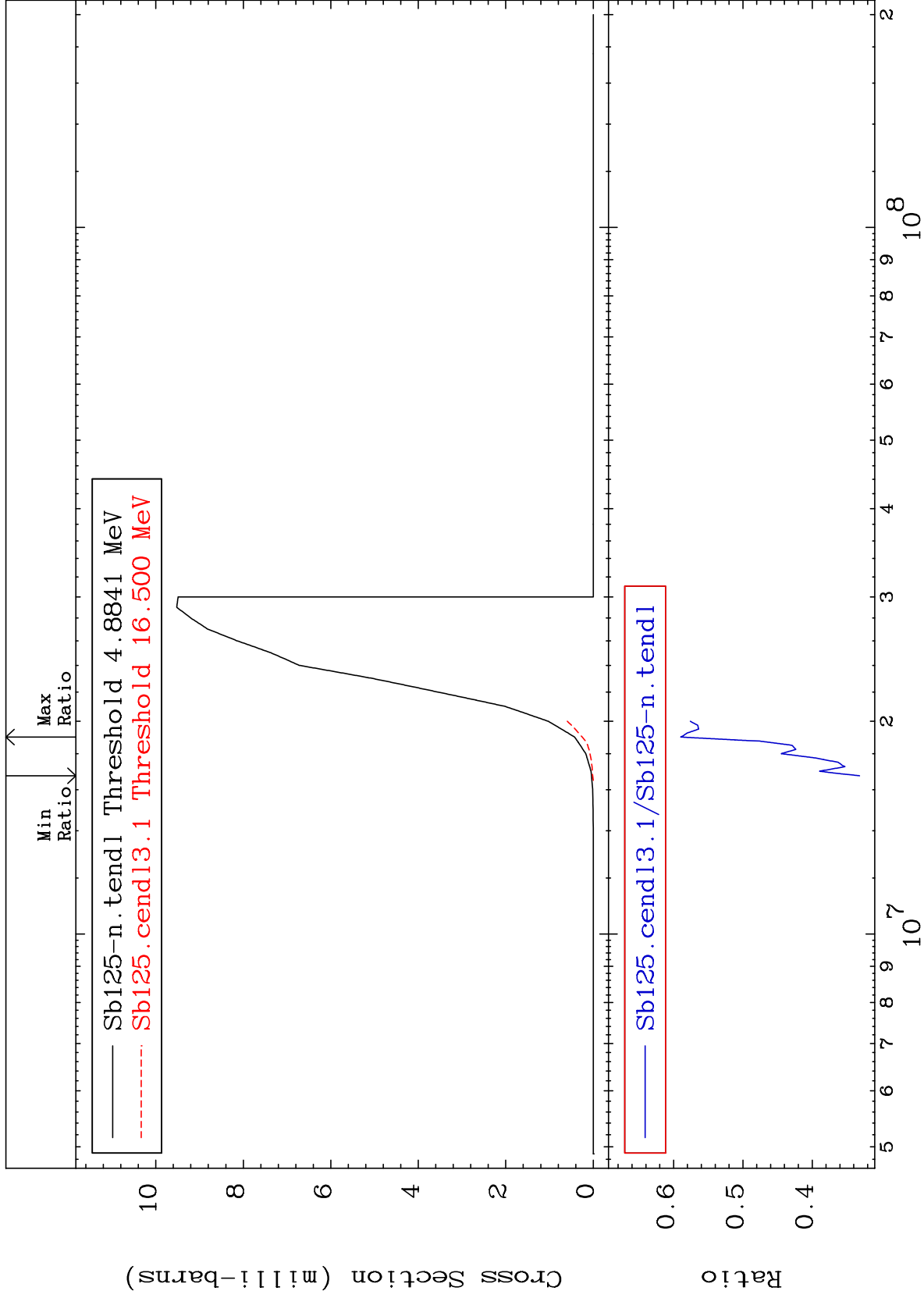
-98.61 To 73.05 %



MAT 5137

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

51-Sb-125  
-66.83 To -41.03%



6

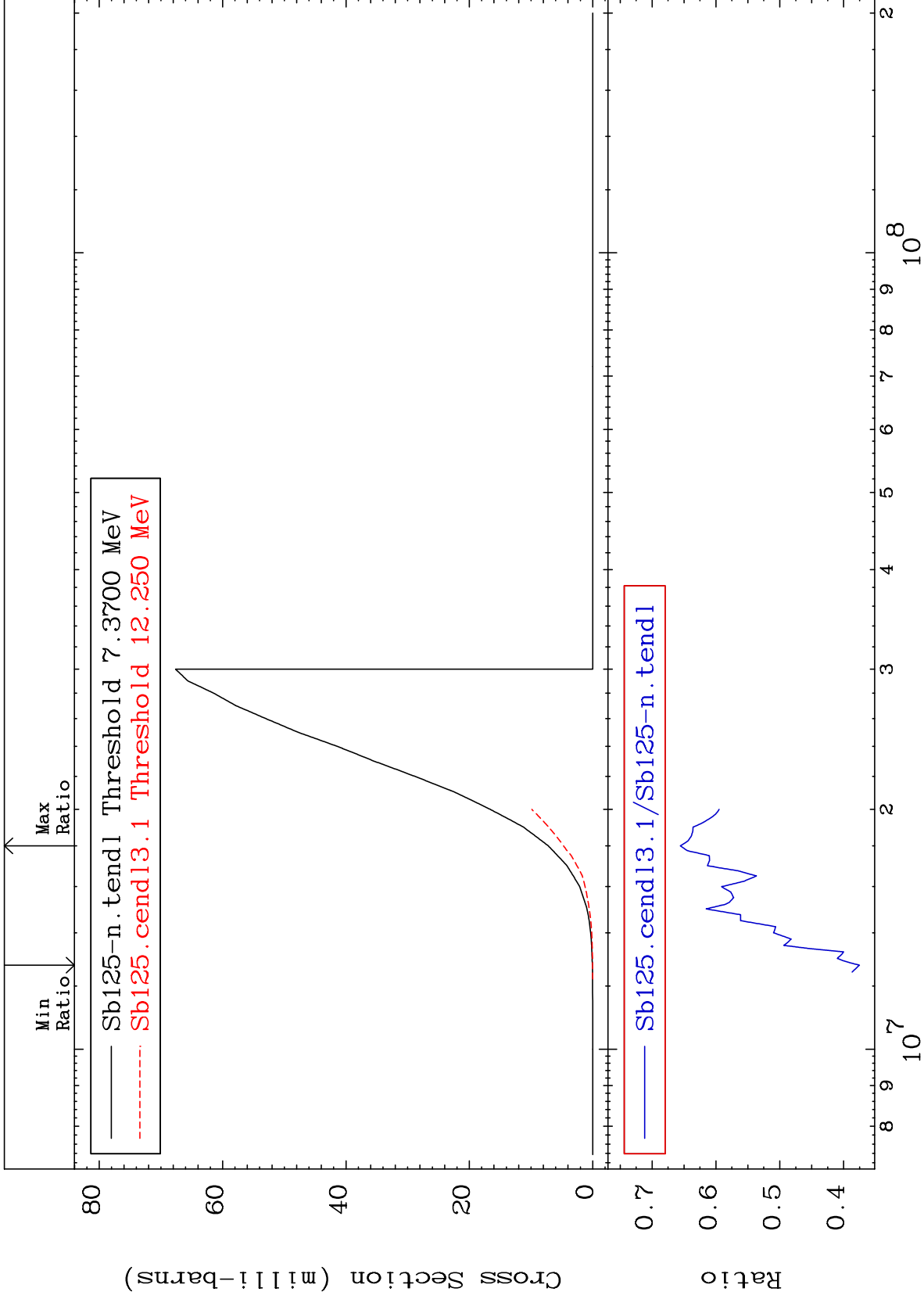
Incident Energy (eV)

51-Sb-125

MAT 5137

(n, n') p  
Cross Section

51-Sb-125  
-62.48 To -34.43%



7

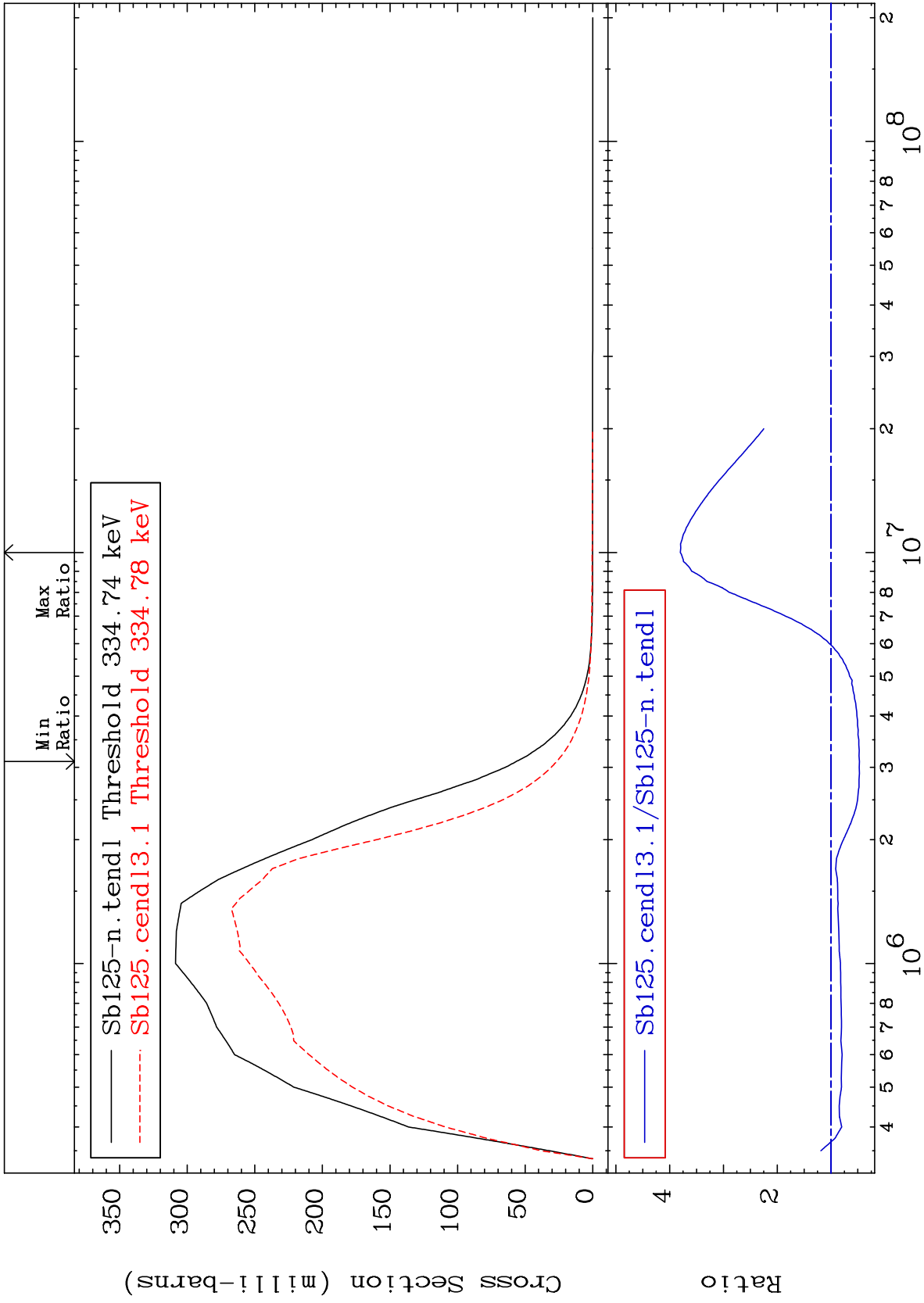
Incident Energy (eV)

51-Sb-125

MAT 5137

332.1 keV (n,n') Level  
Cross Section

51-Sb-125  
-52.92 To 280.0 %

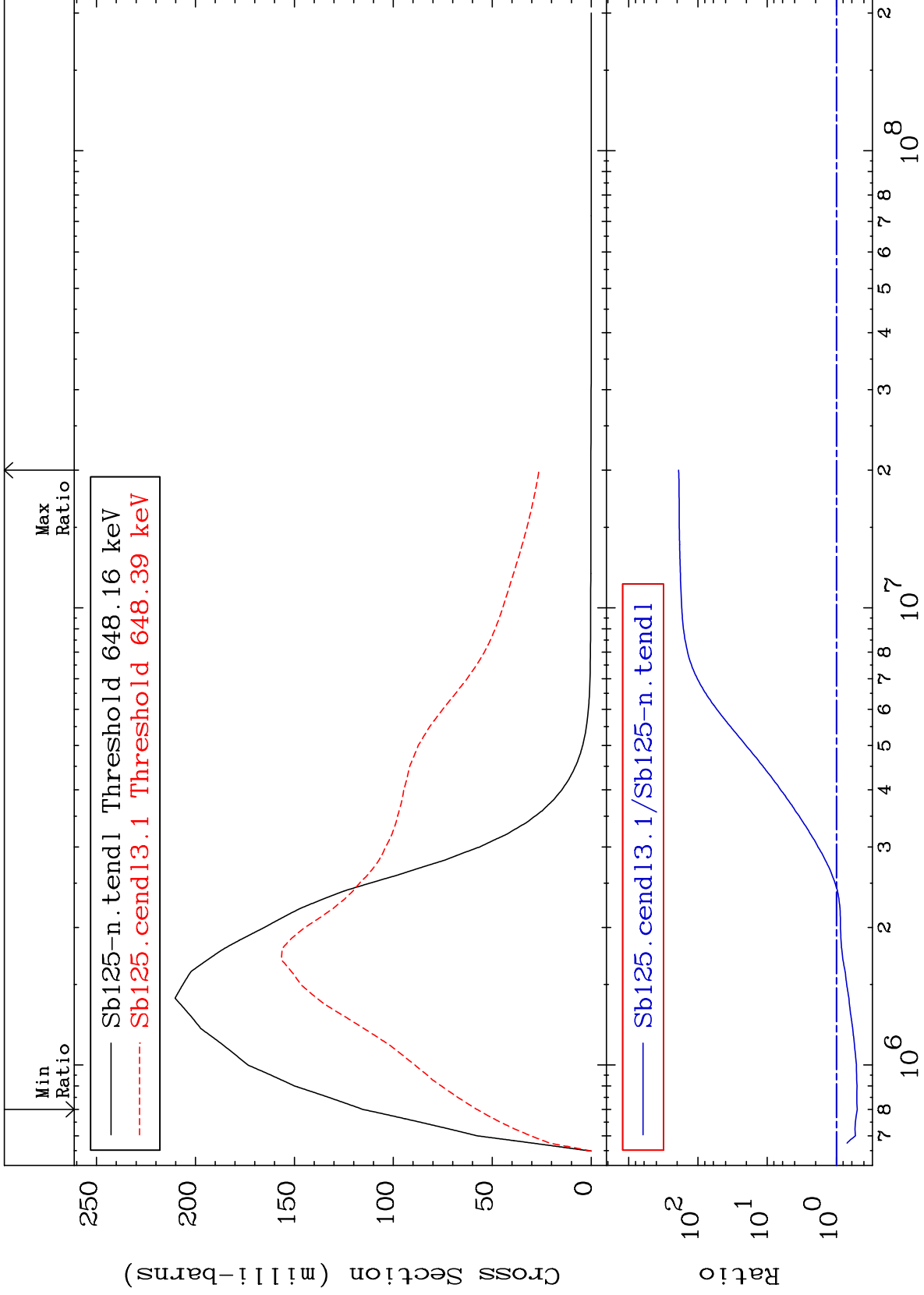




MAT 5137

643.0 keV (n,n') Level  
Cross Section

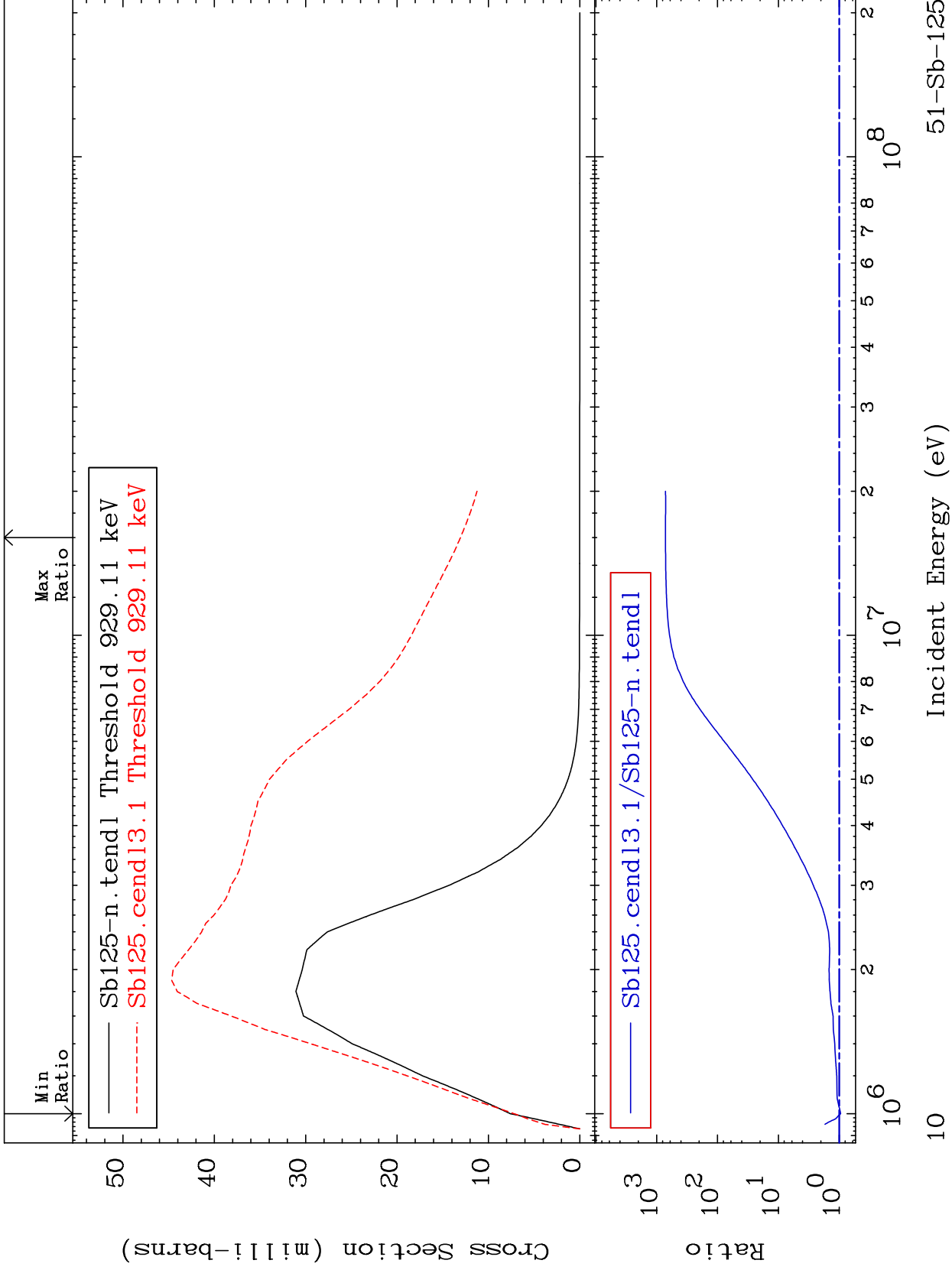
51-Sb-125  
-49.99 To 9999. %



MAT 5137

921.7 keV (n,n') Level  
Cross Section

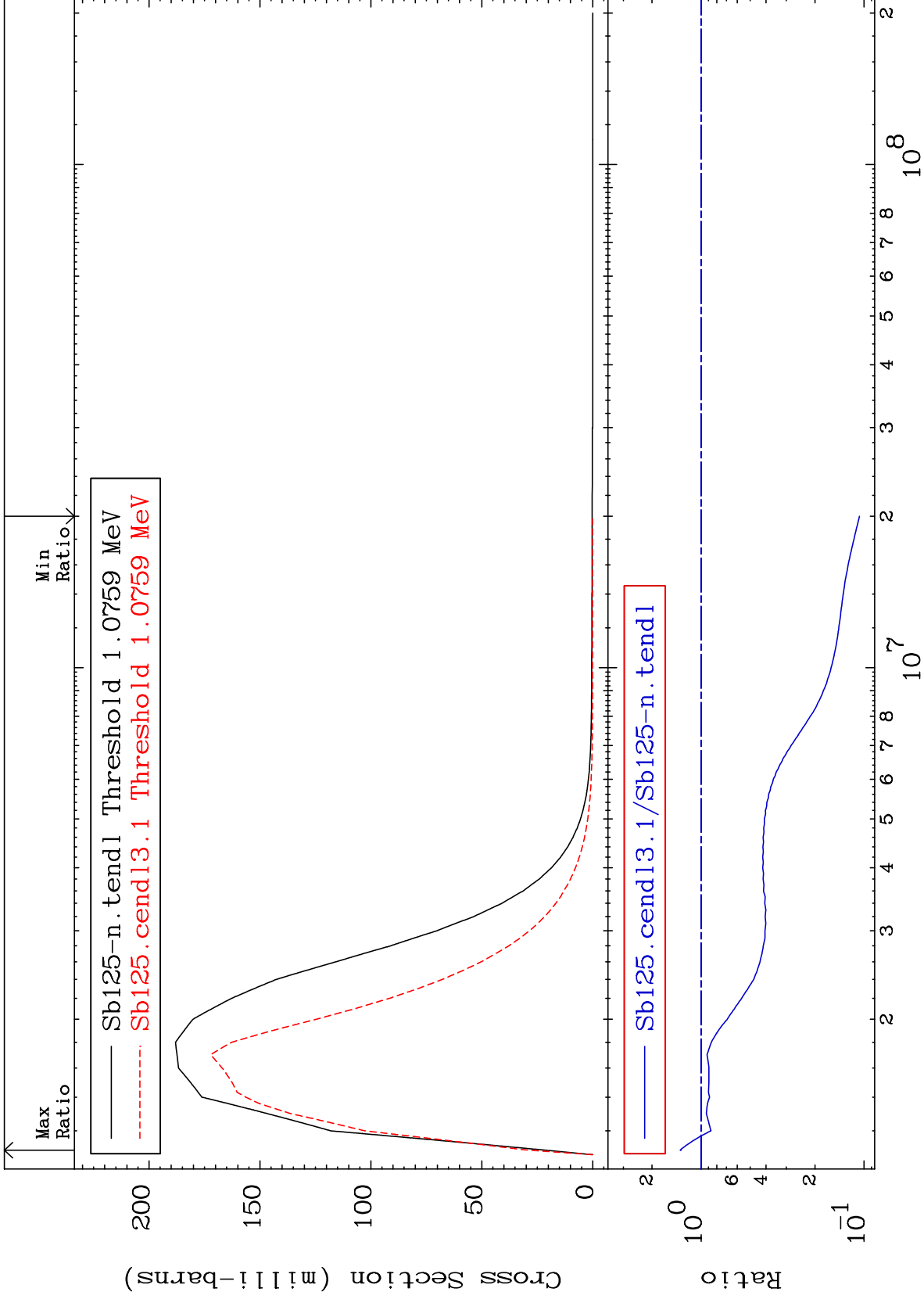
51-Sb-125  
-5.380 To 9999. %



MAT 5137

1.067 MeV (n,n') Level  
Cross Section

51-Sb-125  
-89.32 To 33.98 %



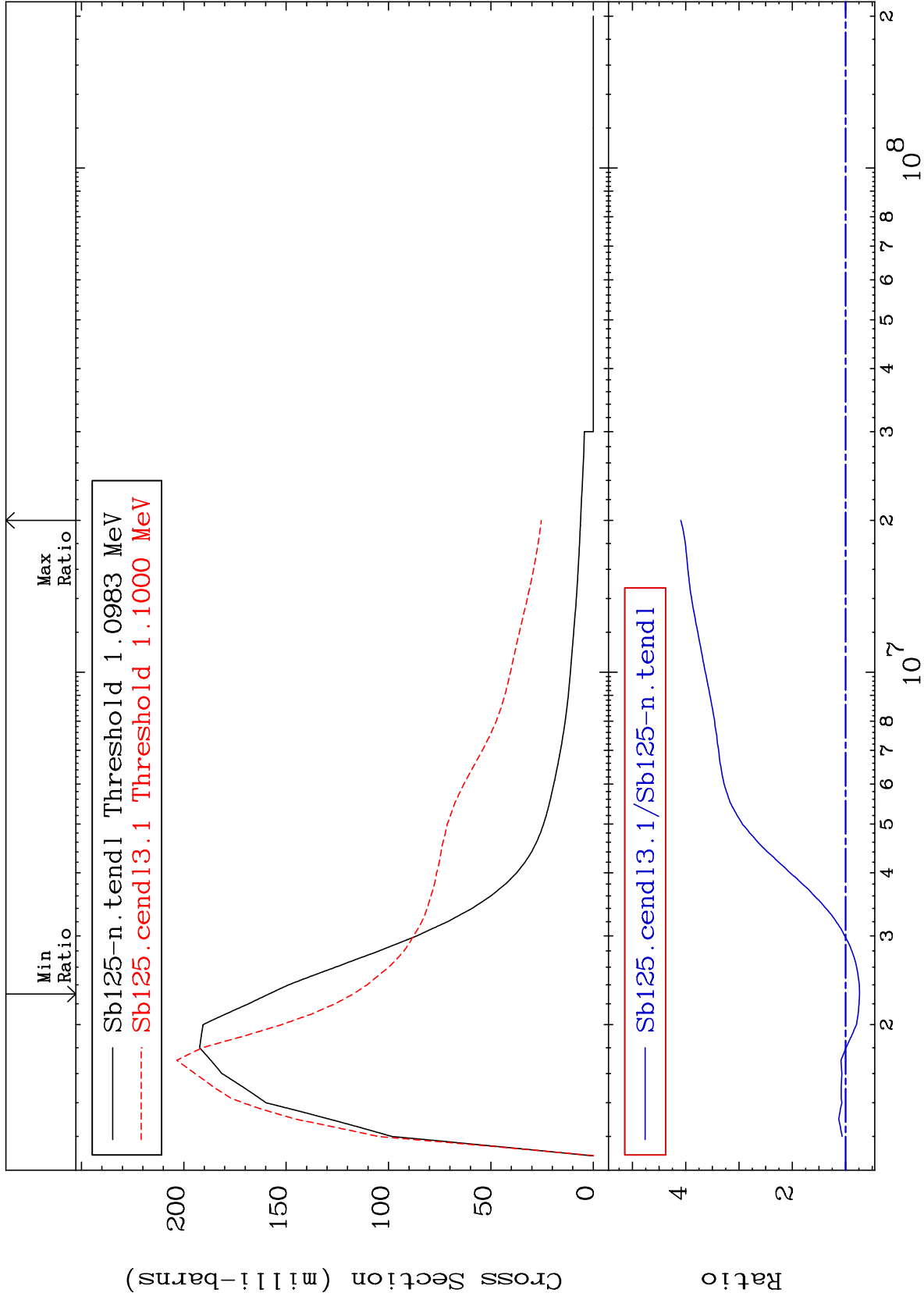
MAT 5137

1.090 MeV (n,n') Level

51-Sb-125

-26.01 To 309.3 %

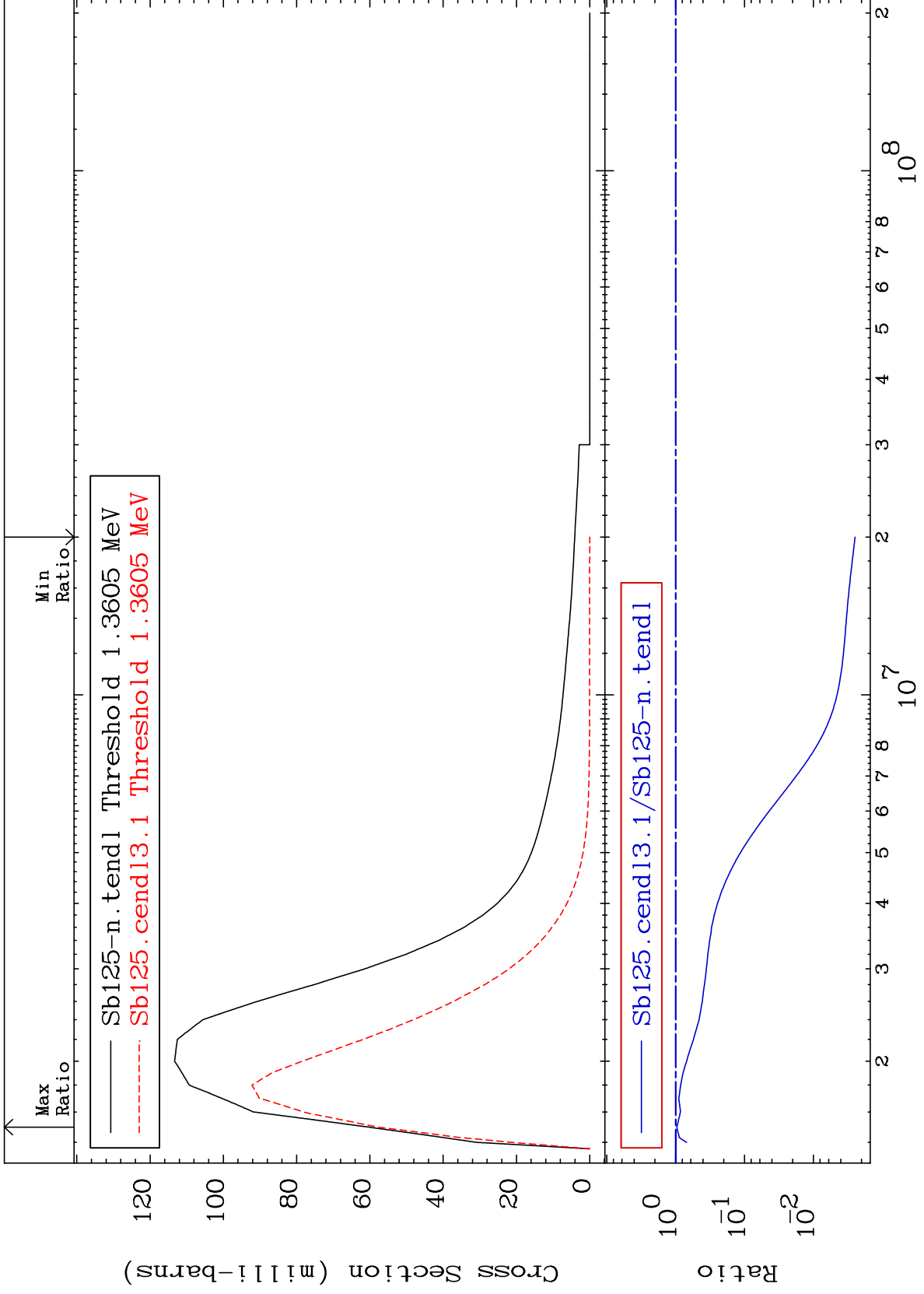
Cross Section



MAT 5137

1.350 MeV (n,n') Level  
Cross Section

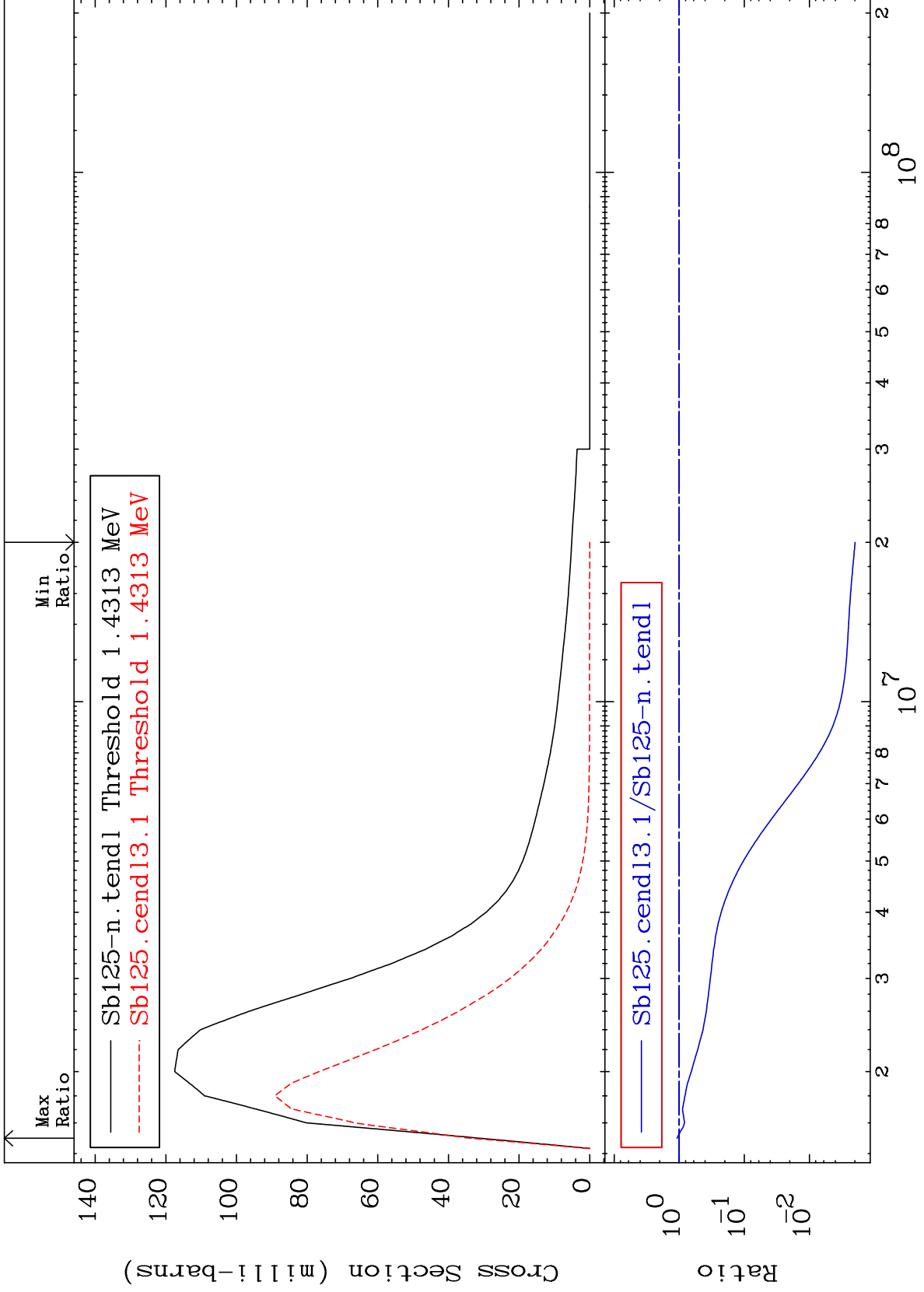
51-Sb-125  
-99.75 To -4.382%



MAT 5137

1.420 MeV (n,n') Level  
Cross Section

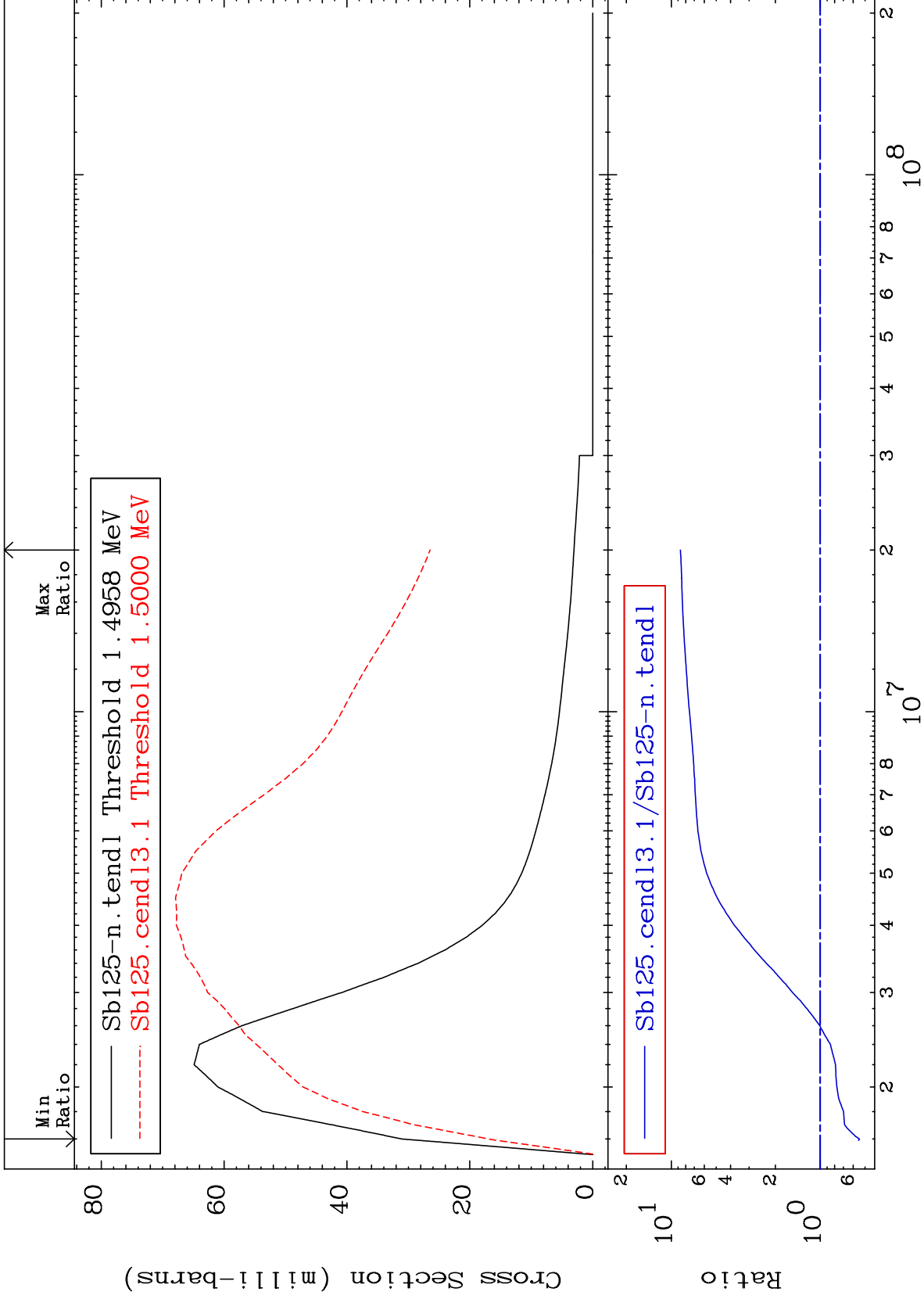
51-Sb-125  
-99.80 To 8.606 %

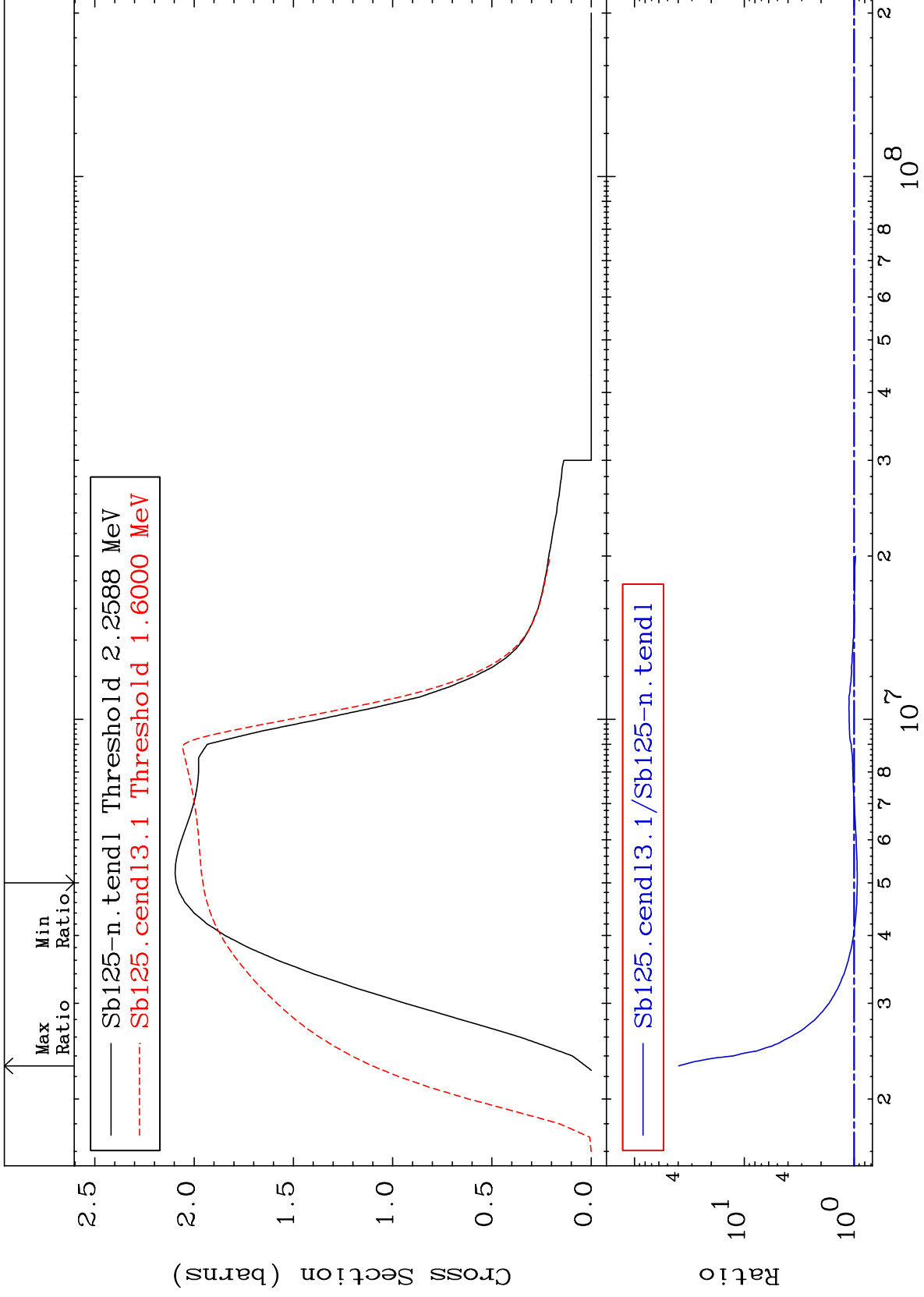


MAT 5137

1.484 MeV (n,n') Level  
Cross Section

51-Sb-125  
-45.46 To 768.6 %



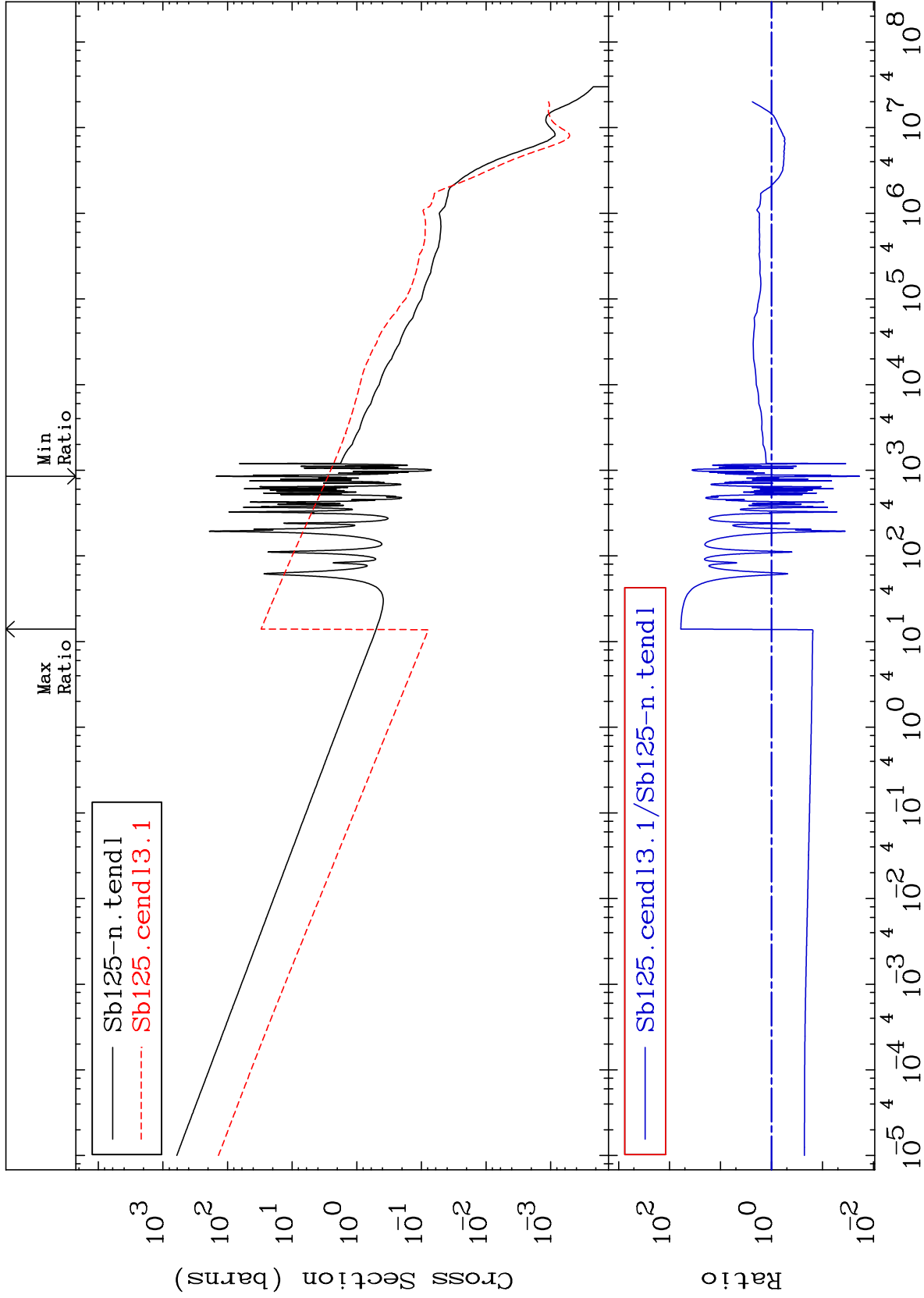




MAT 5137

51-Sb-125  
-98.13 To 5930. %

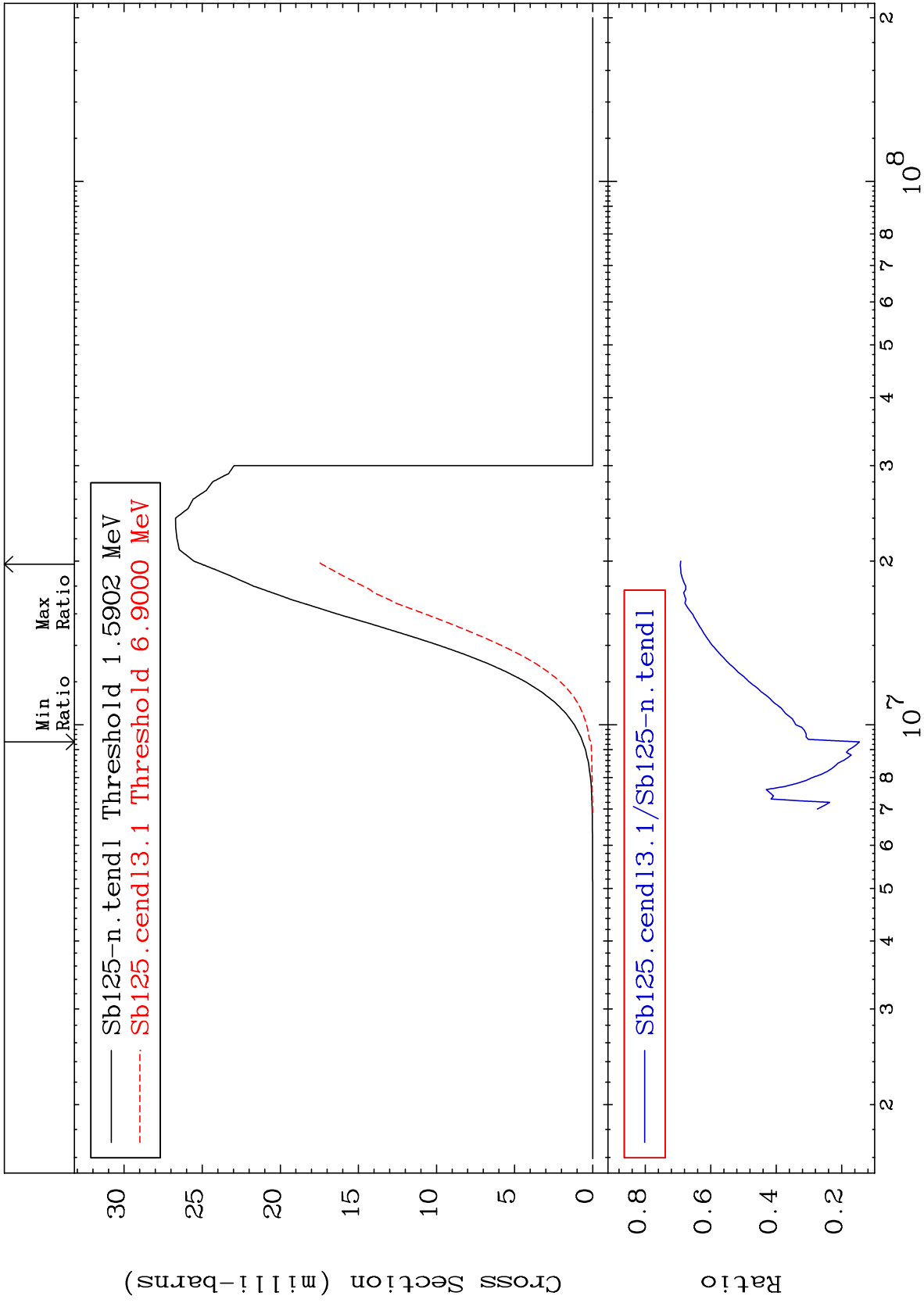
(n,  $\gamma$ )  
Cross Section



MAT 5137

51-Sb-125  
-85.41 To -30.73%

(n,p)  
Cross Section



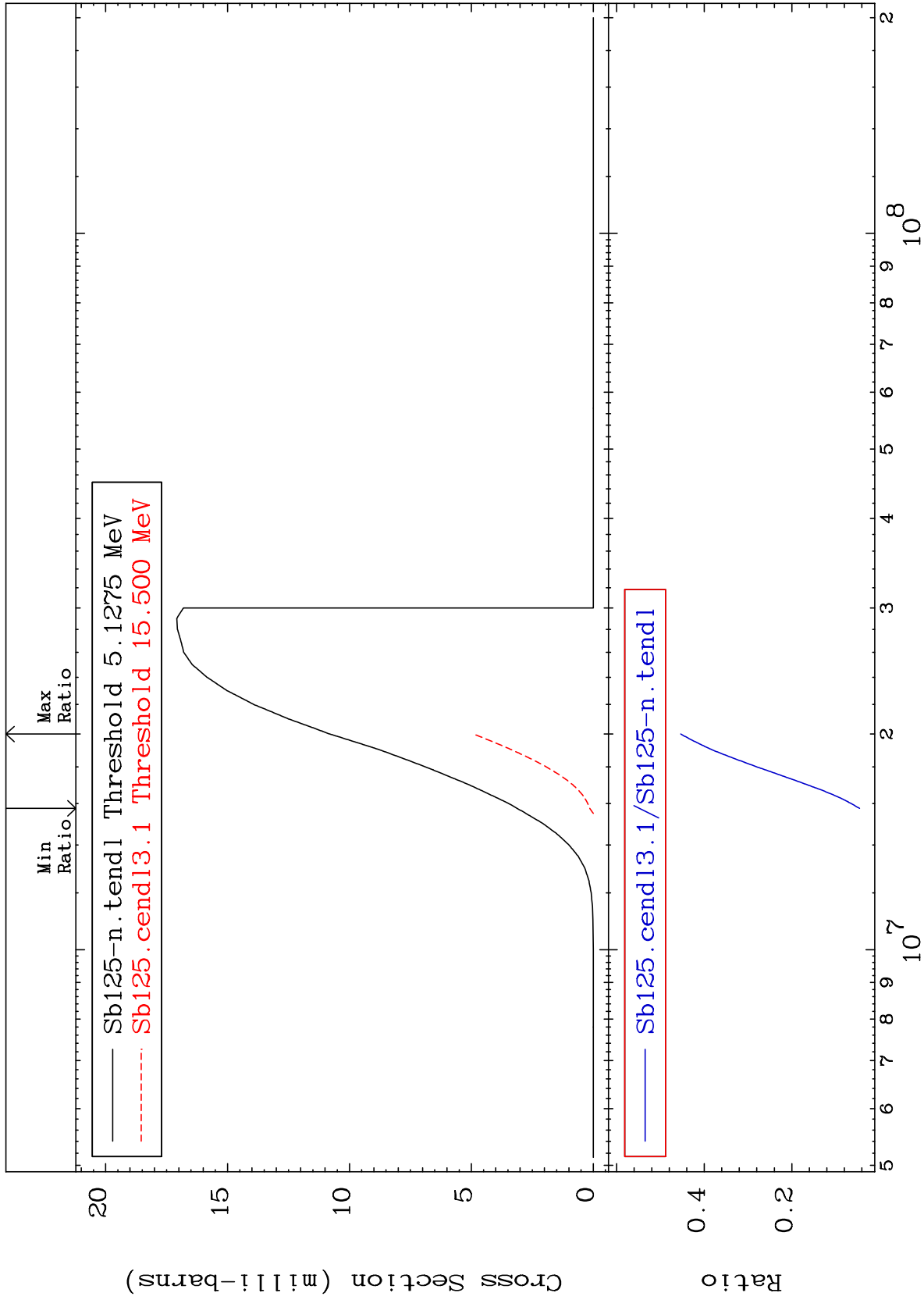
MAT 5137

(n, d)

51-Sb-125

Cross Section

-95.46 To -54.64%



19

Incident Energy (eV)

51-Sb-125

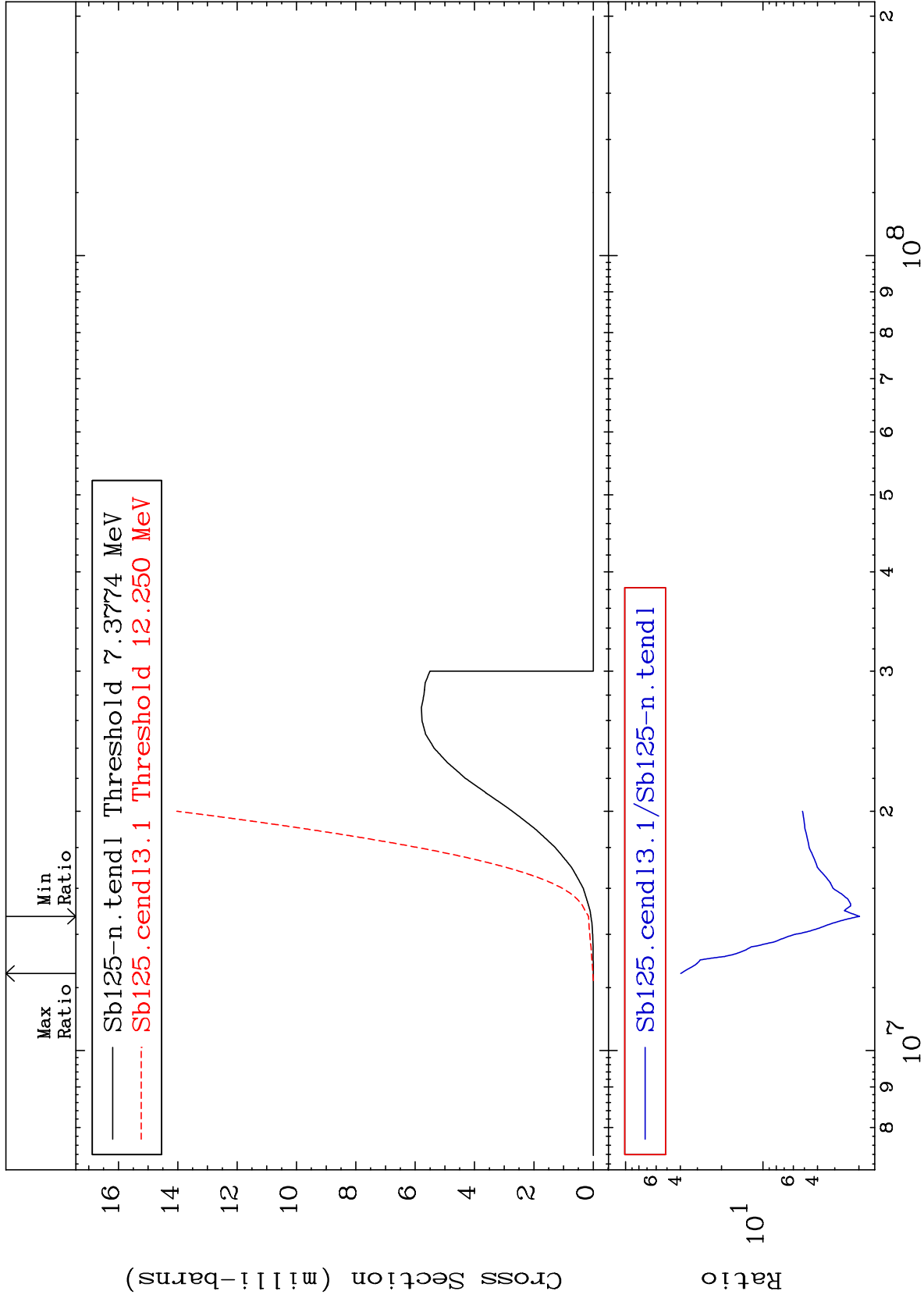
MAT 5137

(n, t)

51-Sb-125

Cross Section

97.92 To 3867. %



20

Incident Energy (eV)

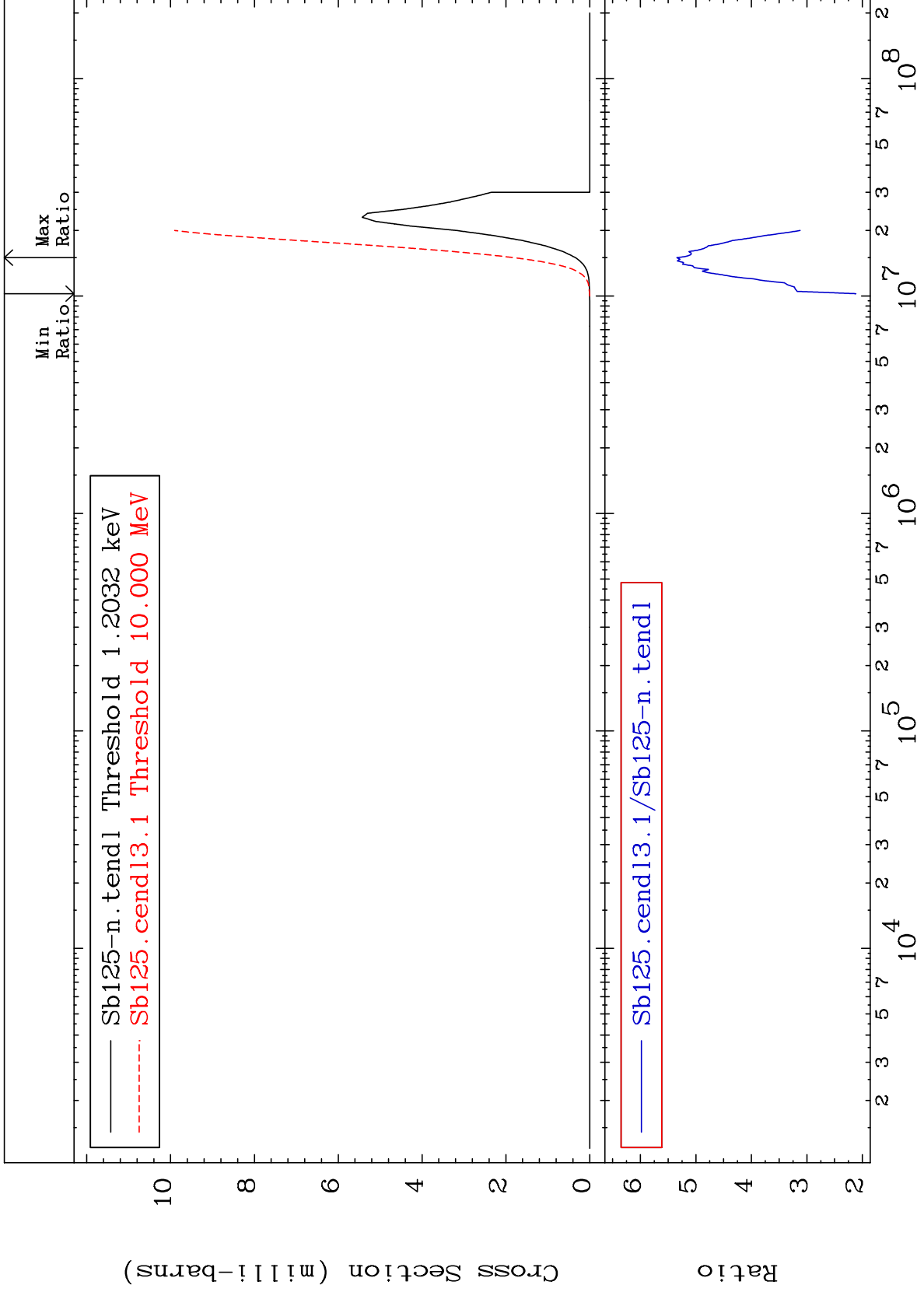
51-Sb-125

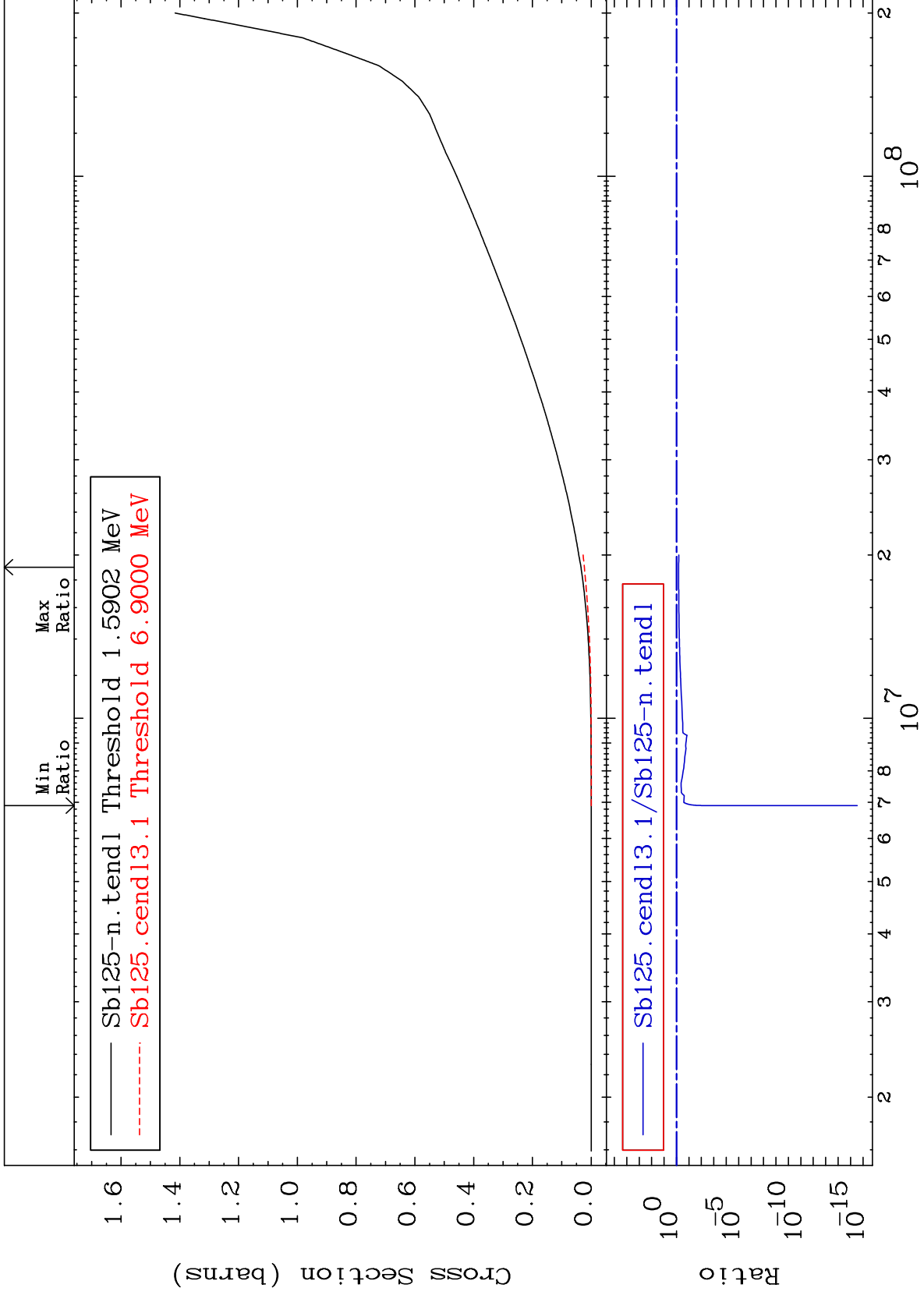
MAT 5137

(n,  $\alpha$ )

Cross Section

51-Sb-125  
113.2 To 434.1 %

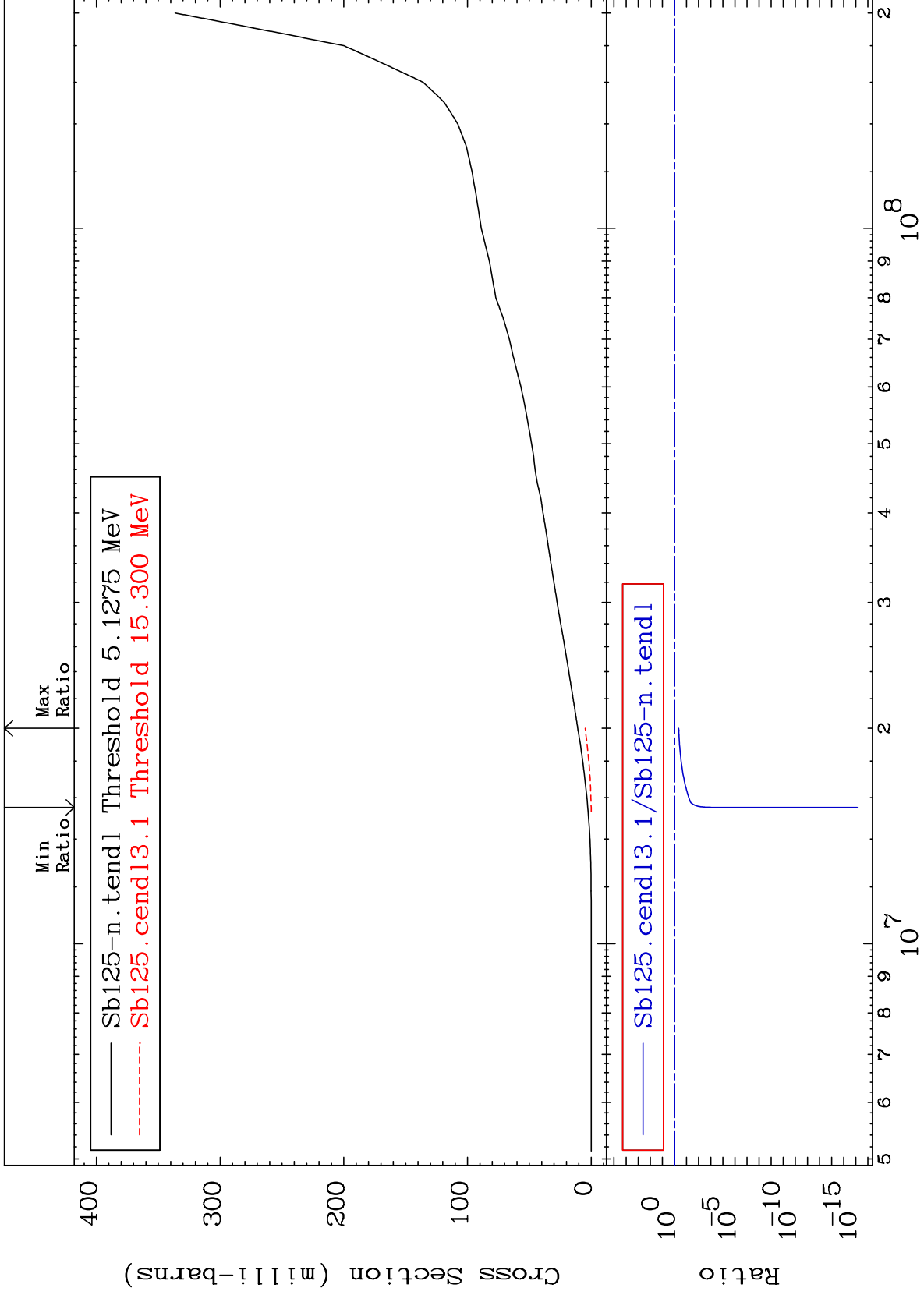


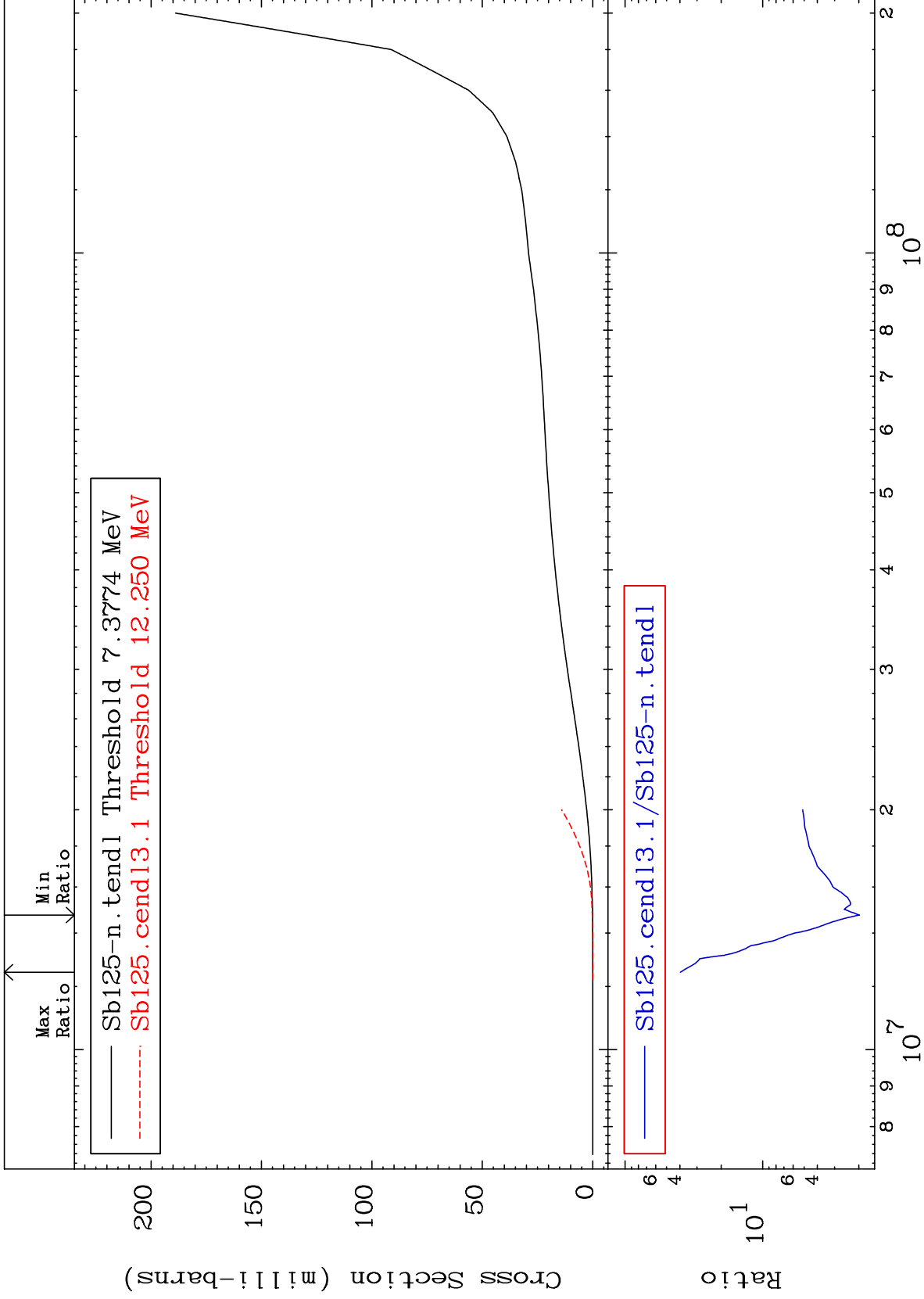


MAT 5137

Deuterium Production  
Cross Section

51-Sb-125  
-100.0 To -54.92%



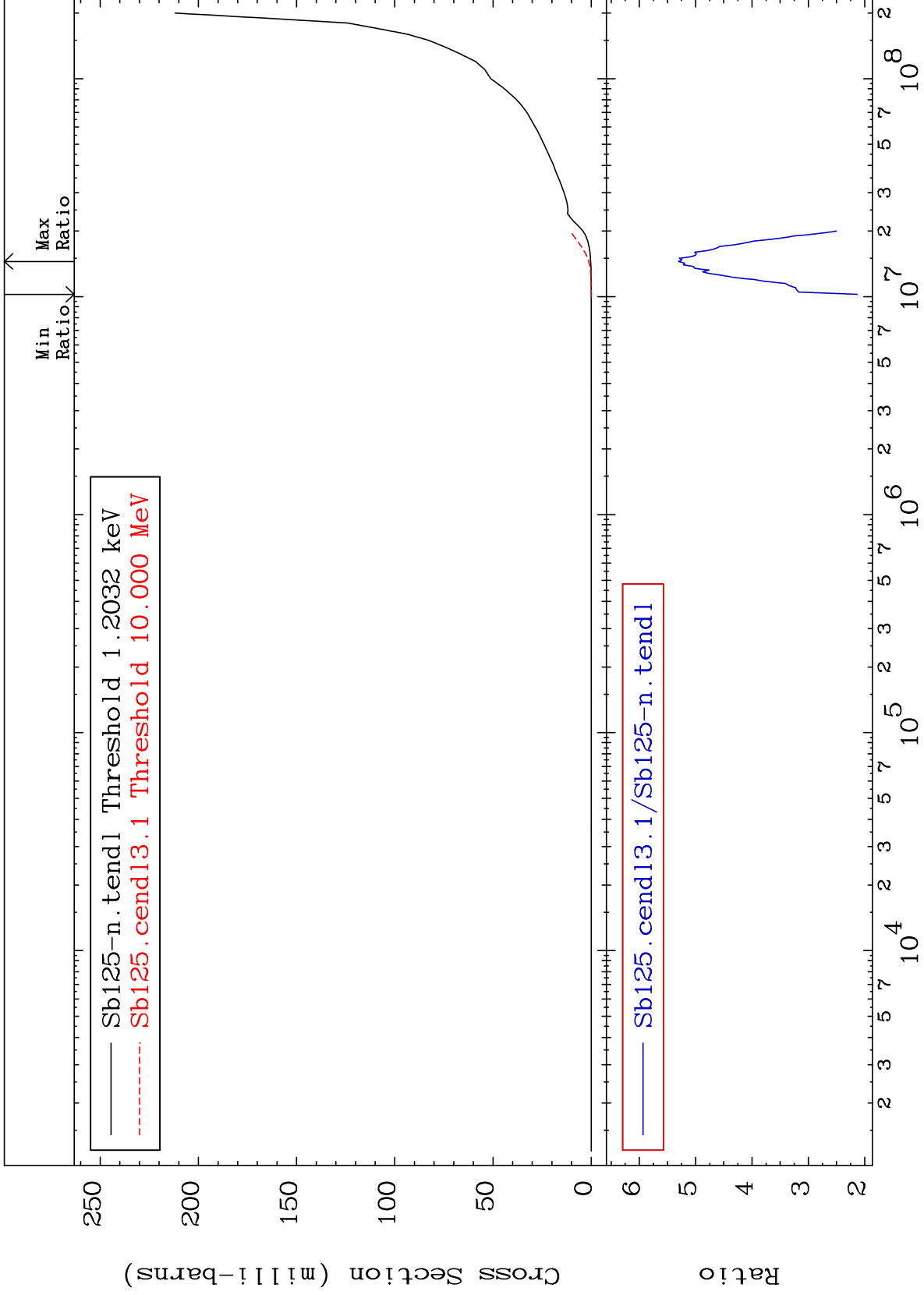




MAT 5137

He-4 Production  
Cross Section

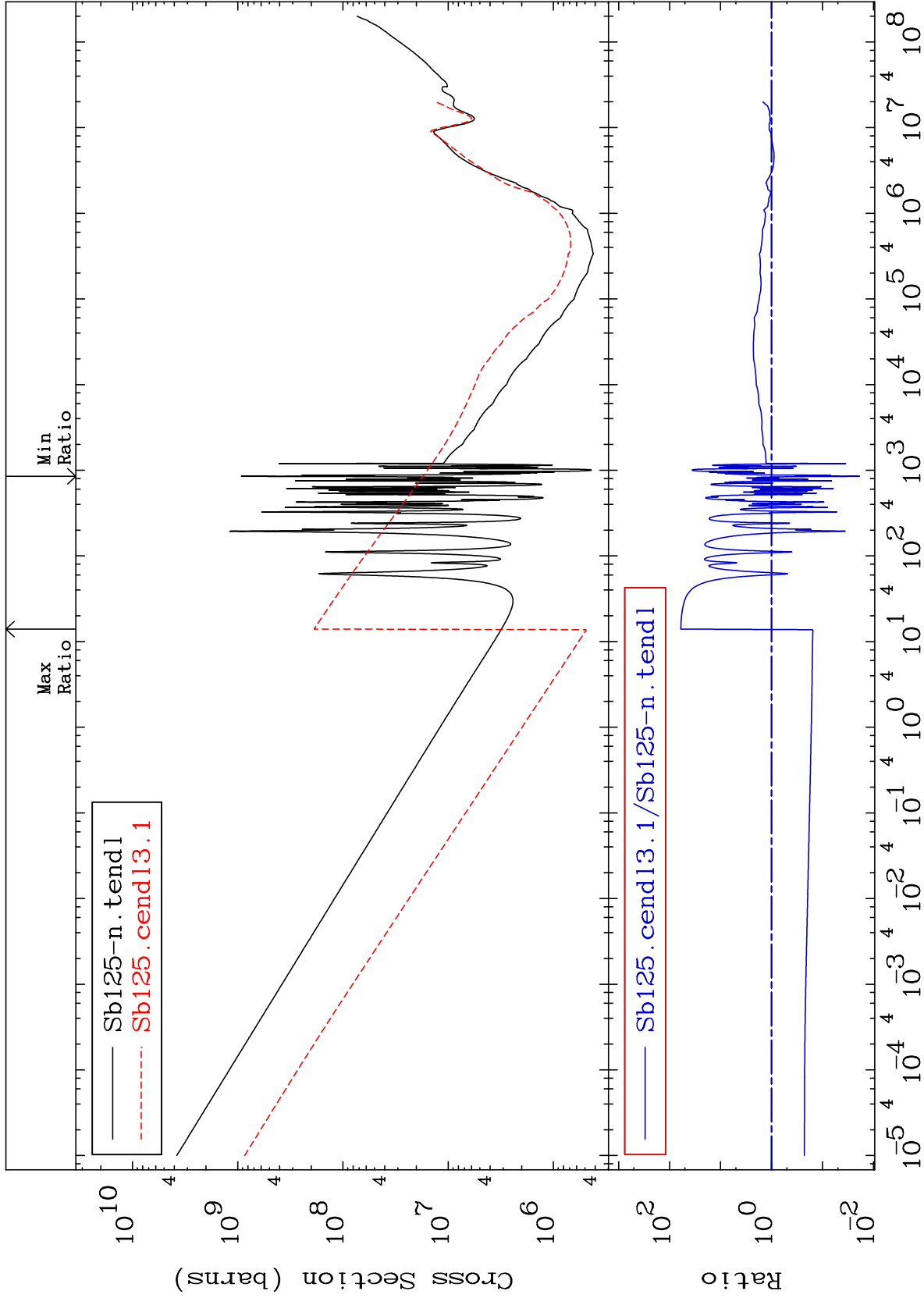
51-Sb-125  
113.2 To 430.2 %



25

Incident Energy (eV)

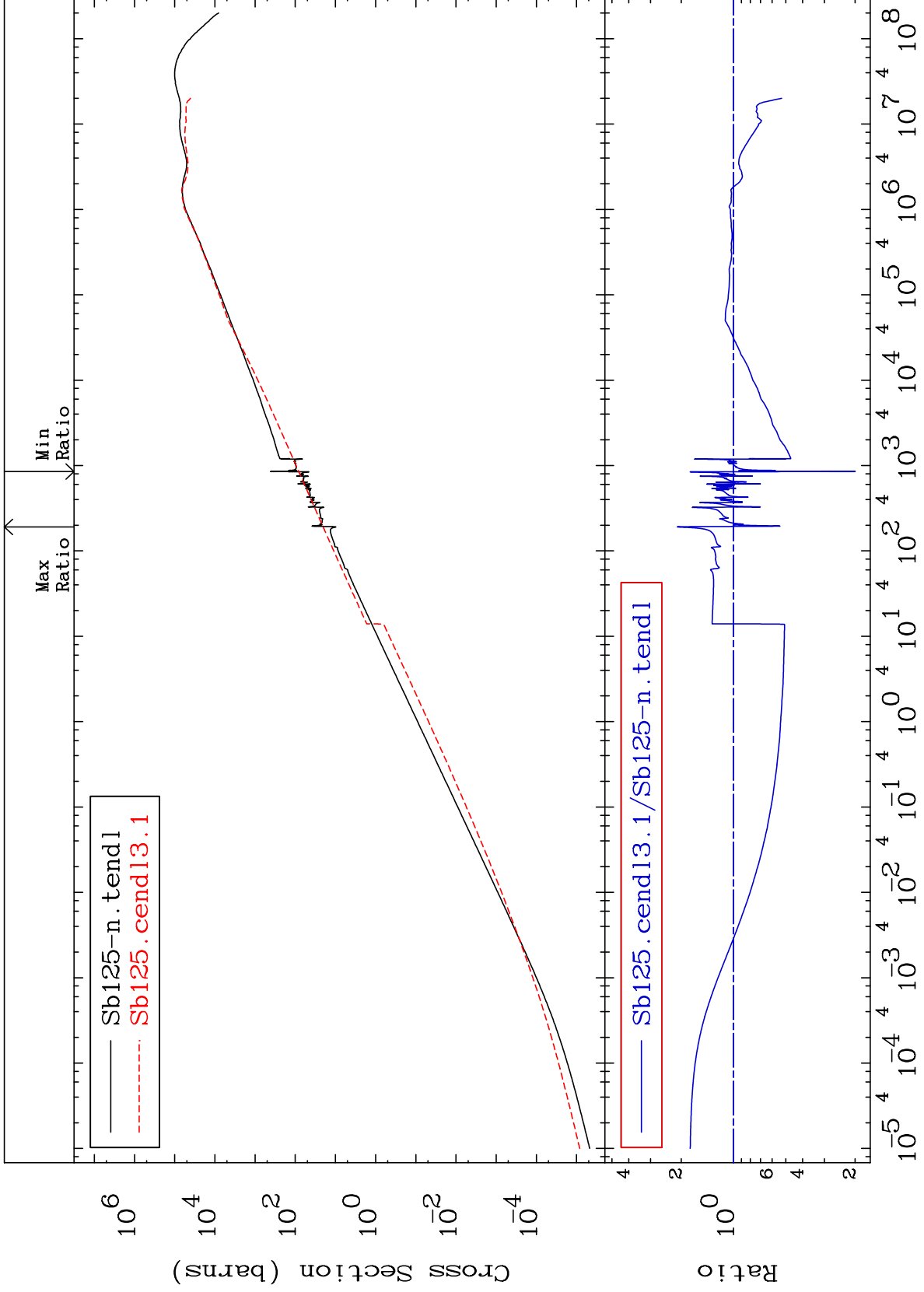
51-Sb-125

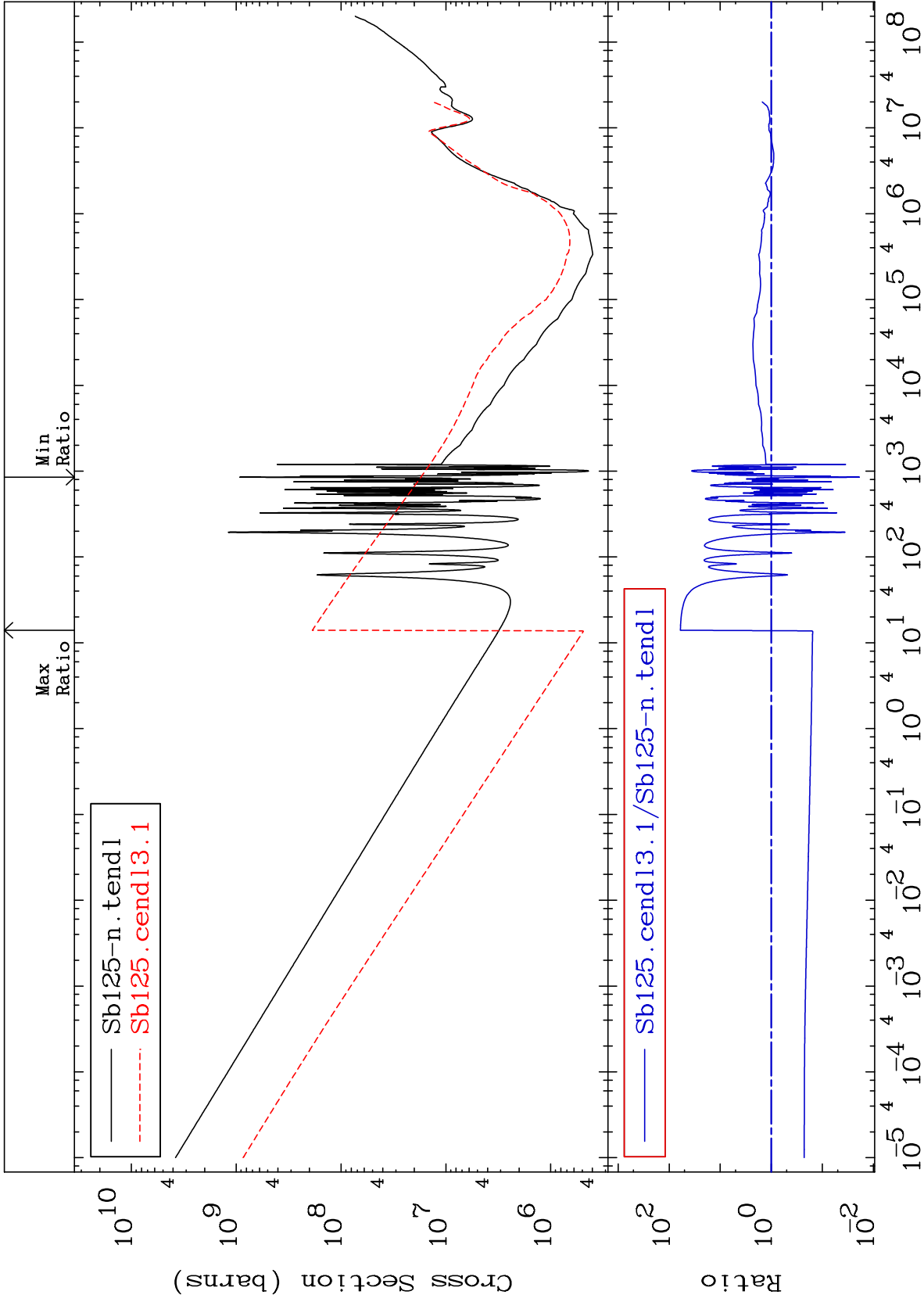


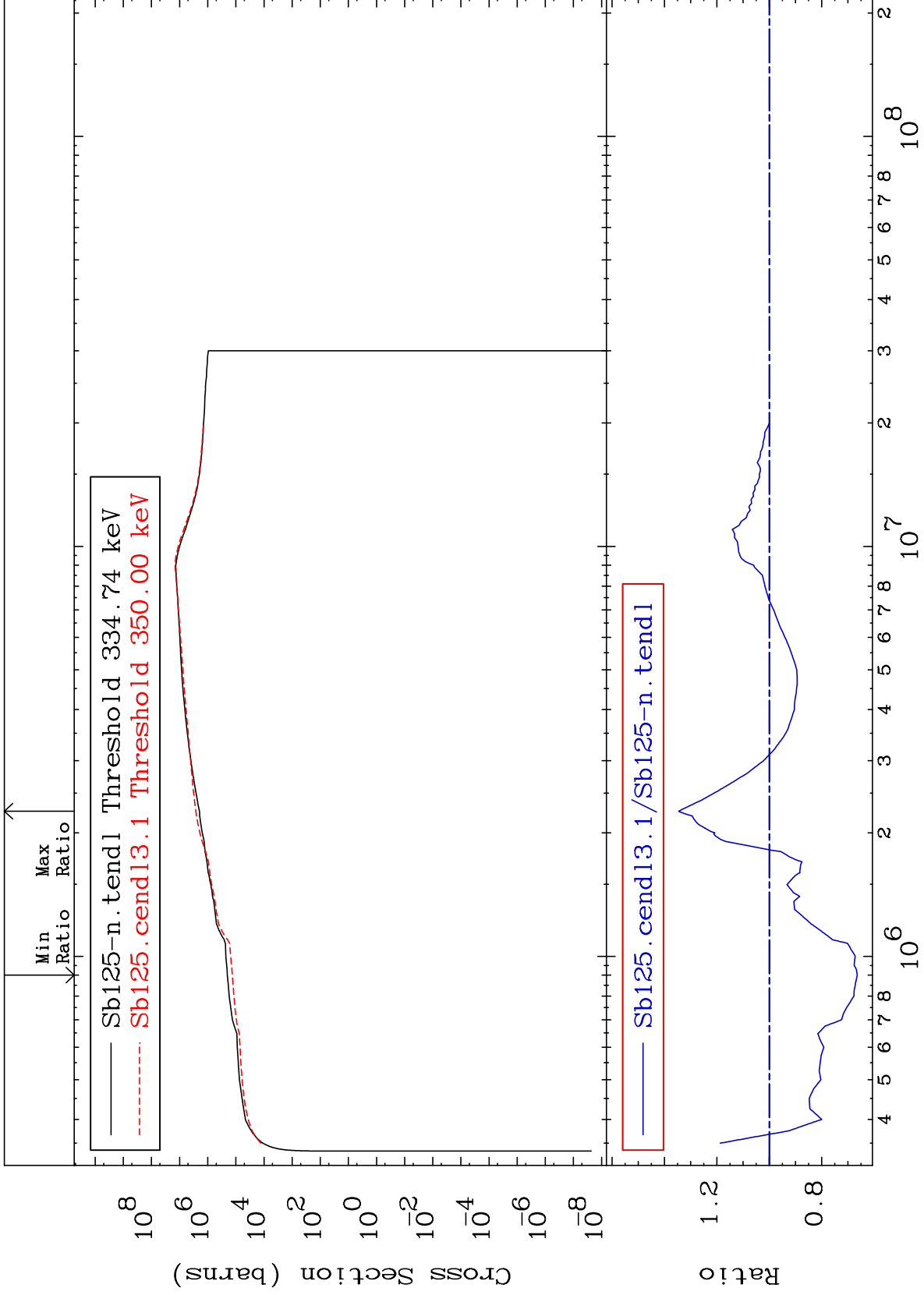
MAT 5137

Kerma elastic  
Cross Section

51-Sb-125  
-80.02 To 111.5 %



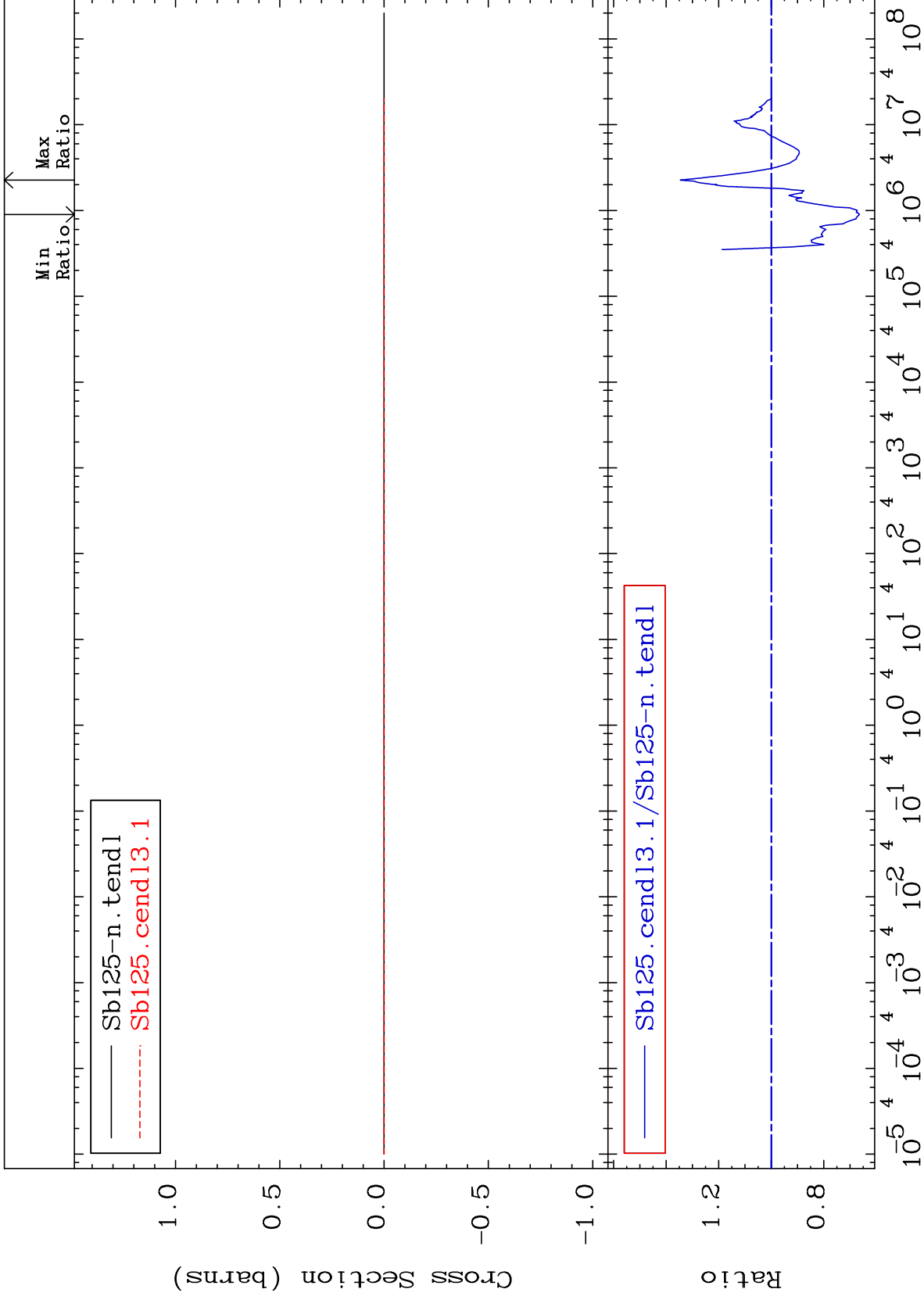




MAT 5137

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

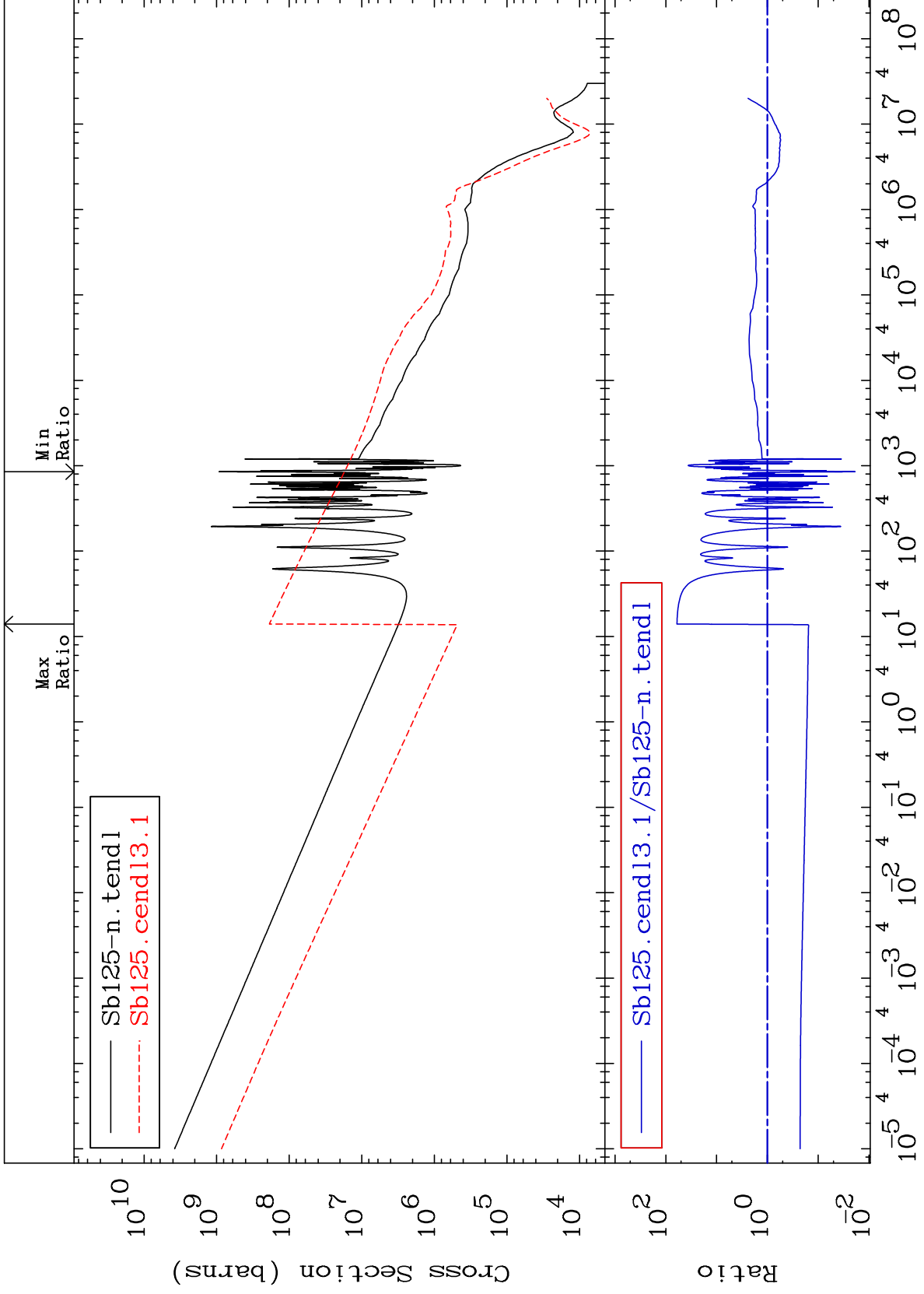
51-Sb-125  
-33.54 To 34.62 %



30

Incident Energy (eV)

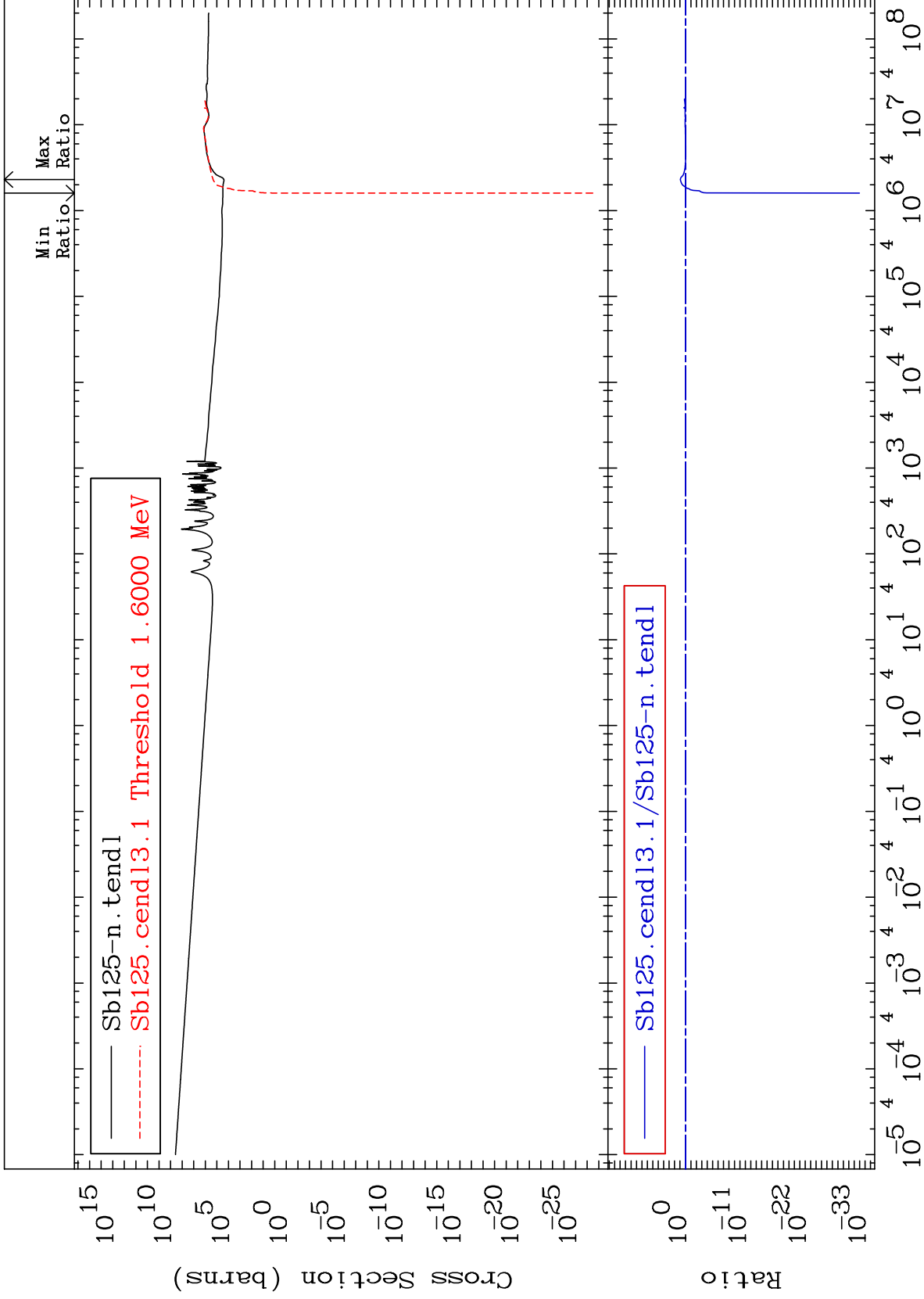
51-Sb-125



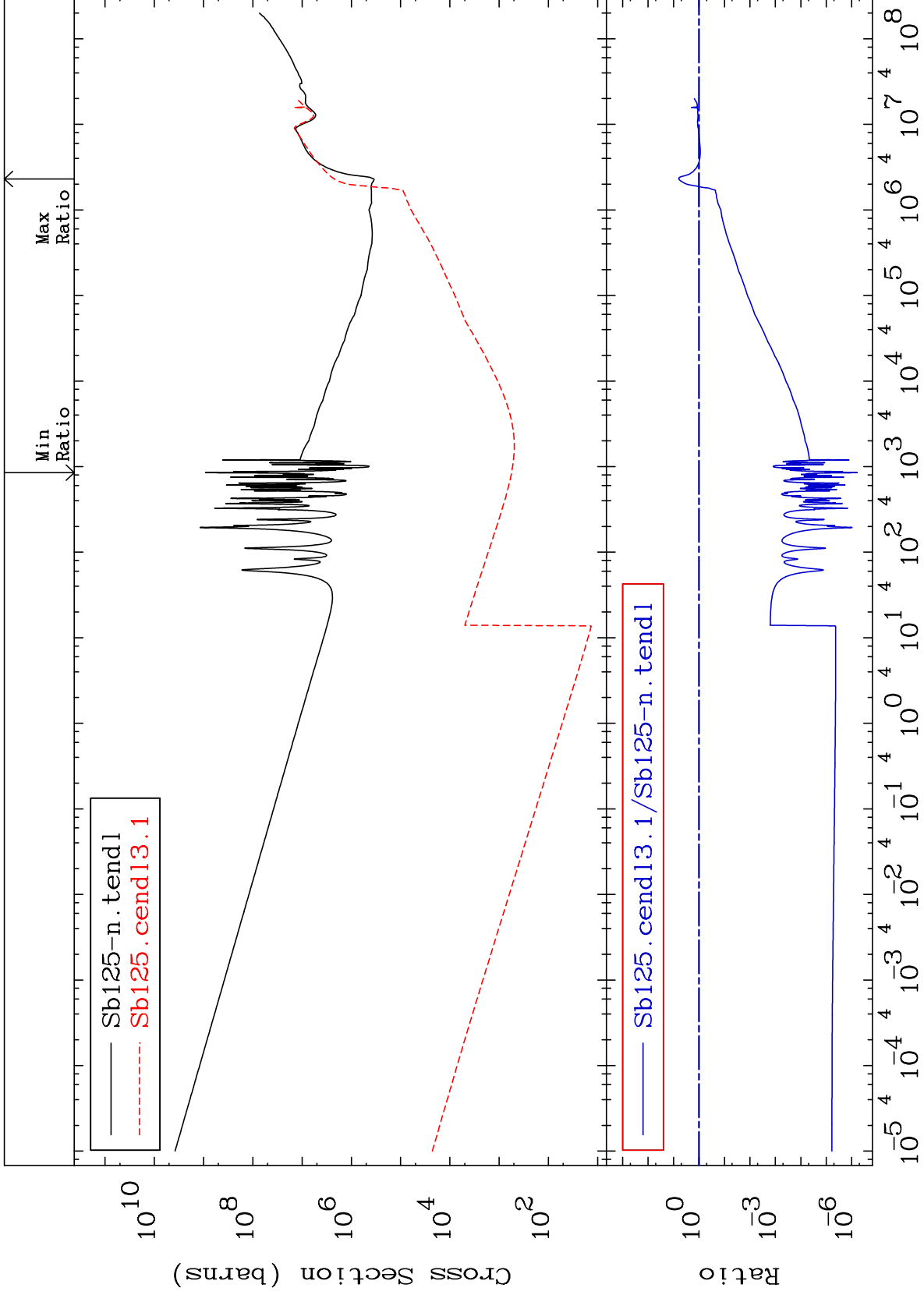
MAT 5137

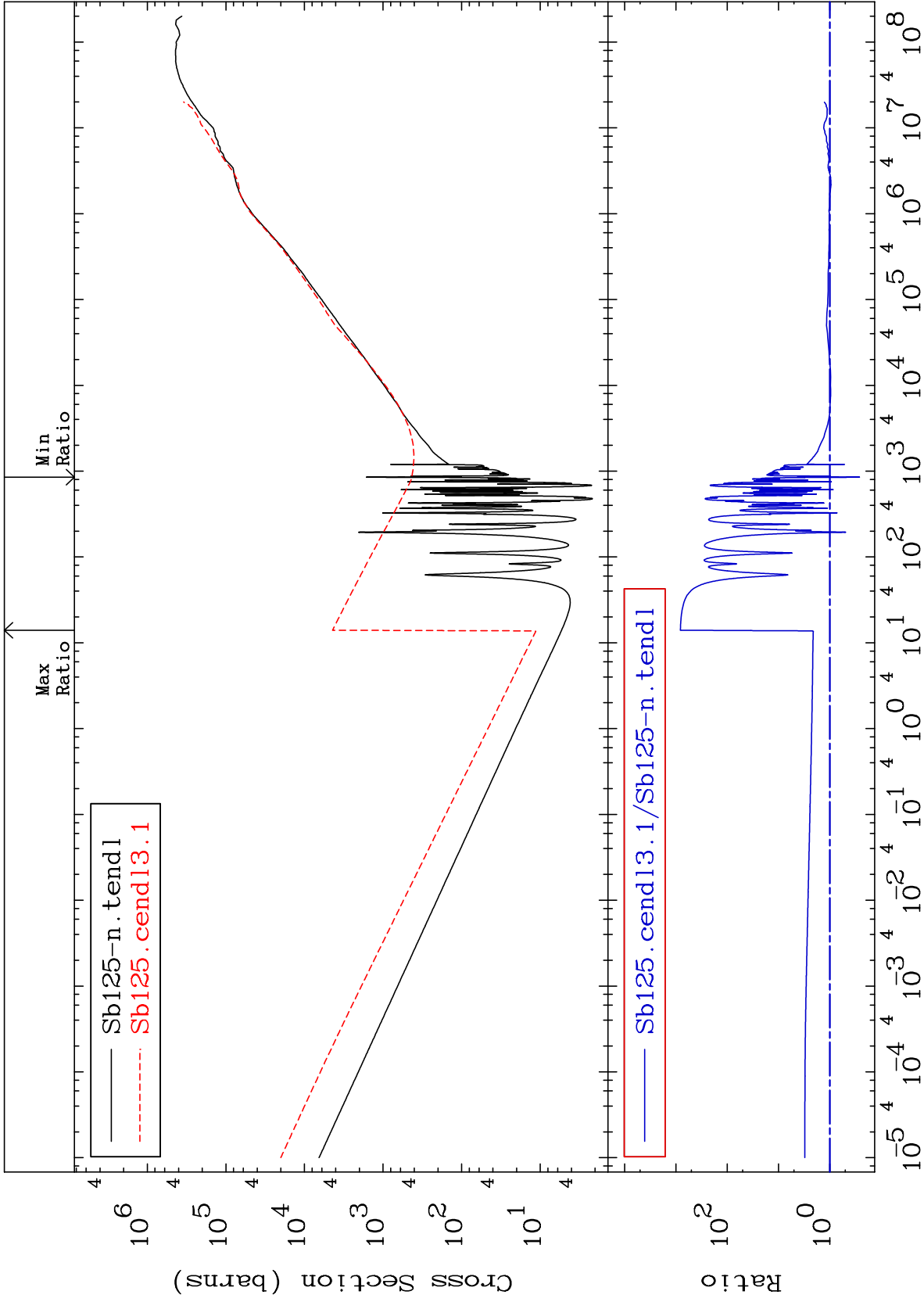
Total photon (eV-barns)  
Cross Section

51-Sb-125  
-100.0 To 758.8 %





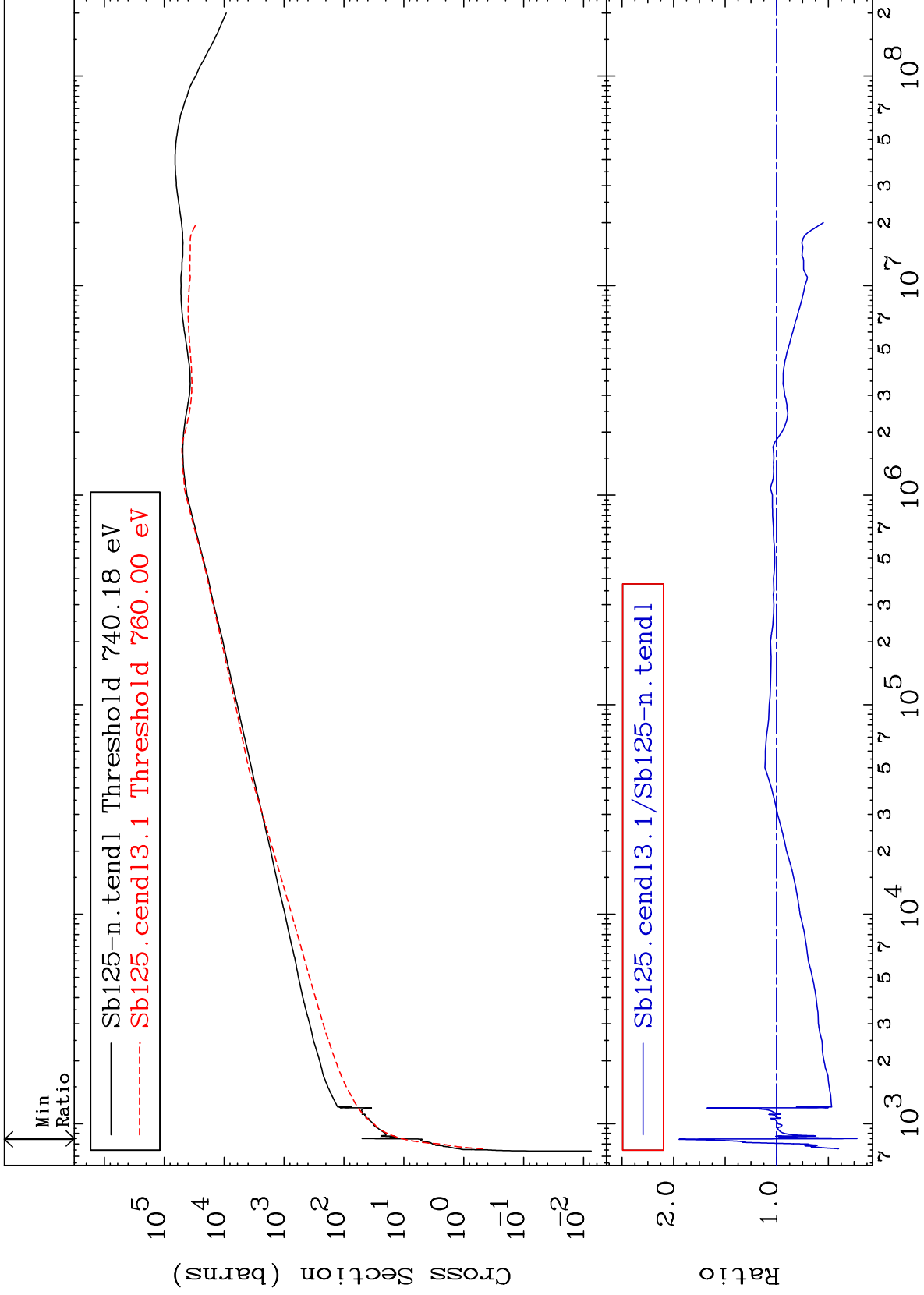




MAT 5137

Dpa elastic (mt2)  
Cross Section

51-Sb-125  
-78.12 To 95.10 %



35

Incident Energy (eV)

51-Sb-125

