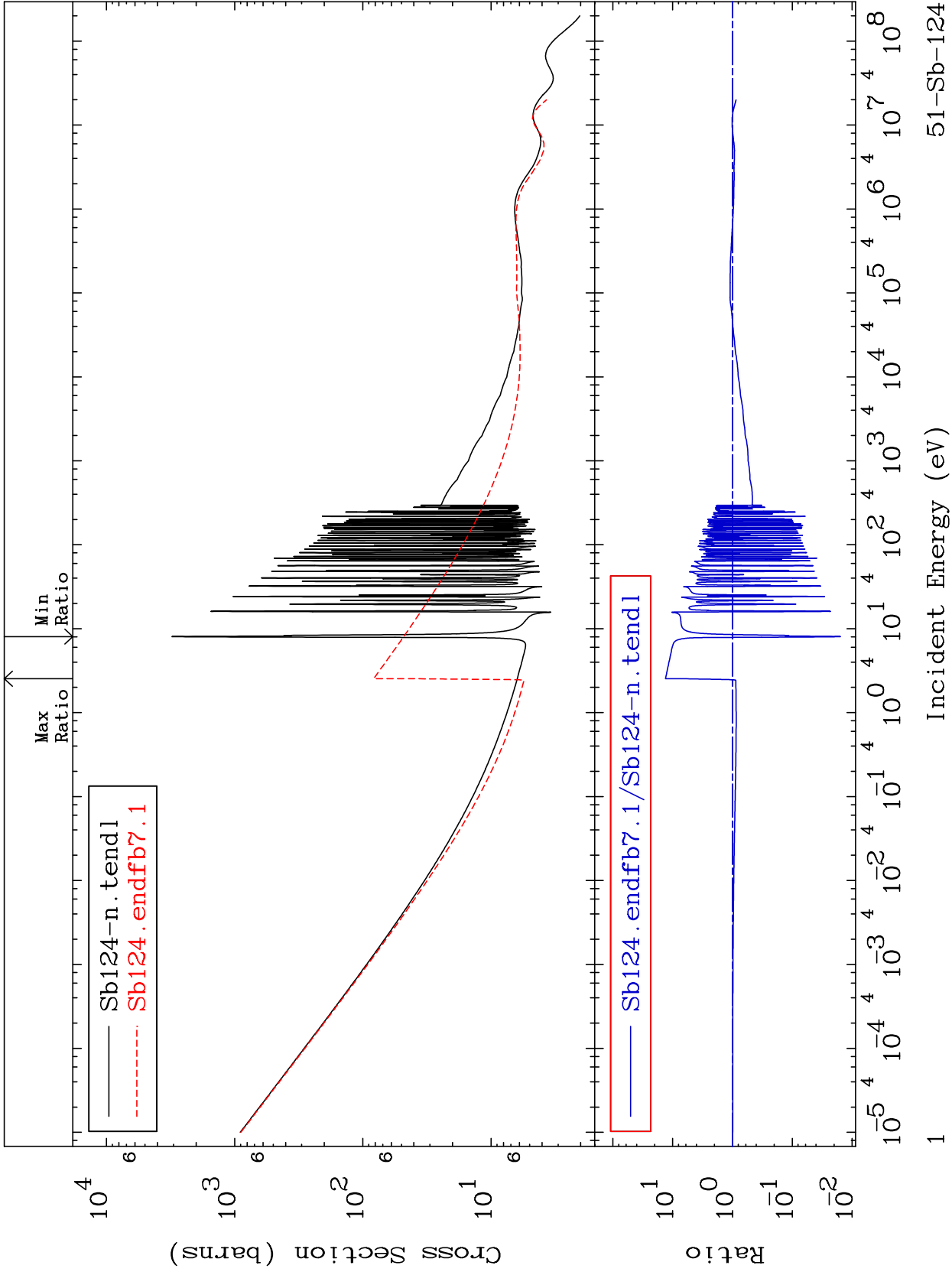


MAT 5134

Total Cross Section  
51-Sb-124  
-98.45 To 1218. %

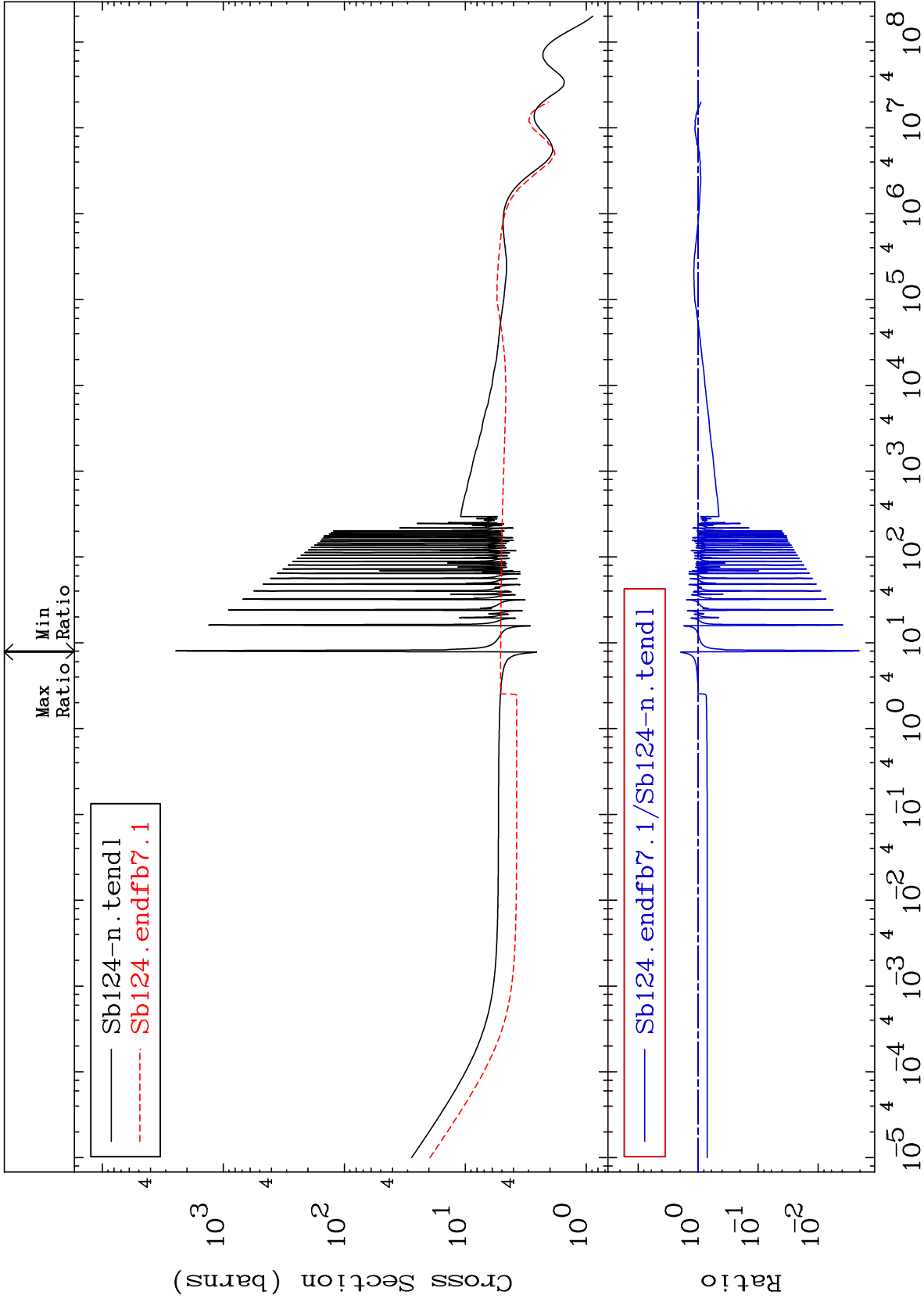


51-Sb-124

MAT 5134

Elastic  
Cross Section

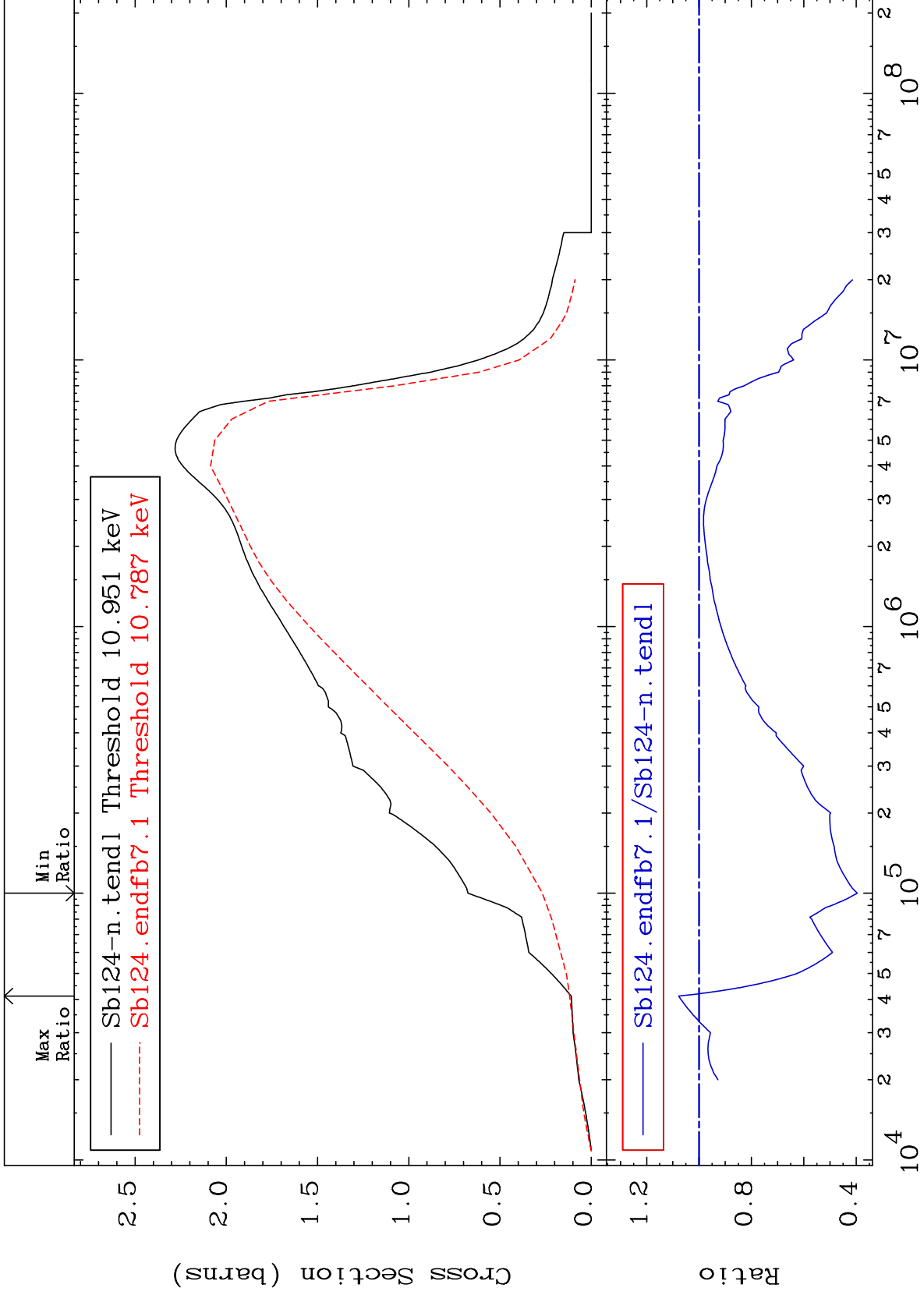
51-Sb-124  
-99.79 To 97.63 %



MAT 5134

Inelastic  
Cross Section

51-Sb-124  
-60.39 To 7.796 %



Incident Energy (eV)

51-Sb-124

3

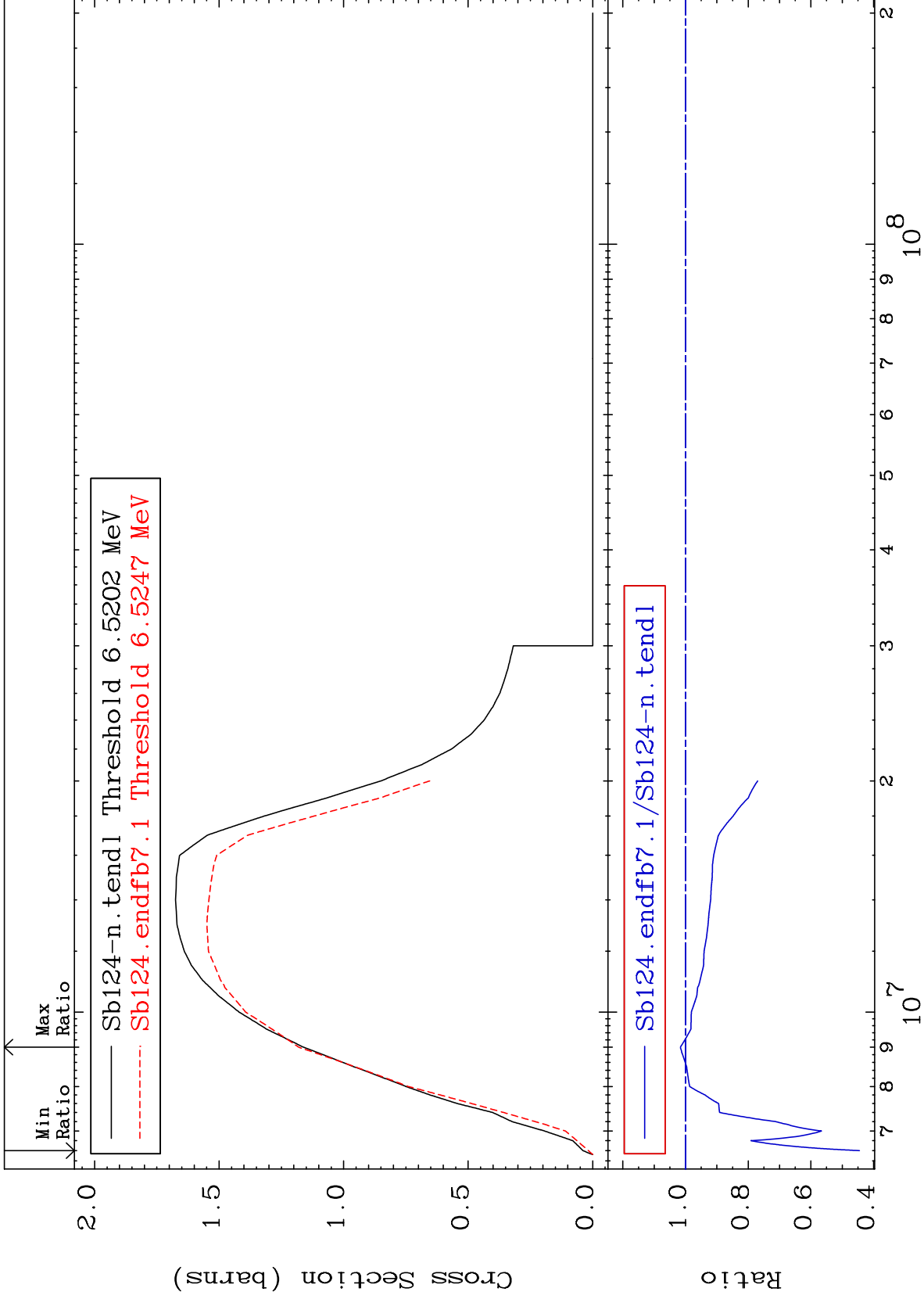
MAT 5134

(n,2n)

51-Sb-124

Cross Section

-55.48 To 1.652 %



4

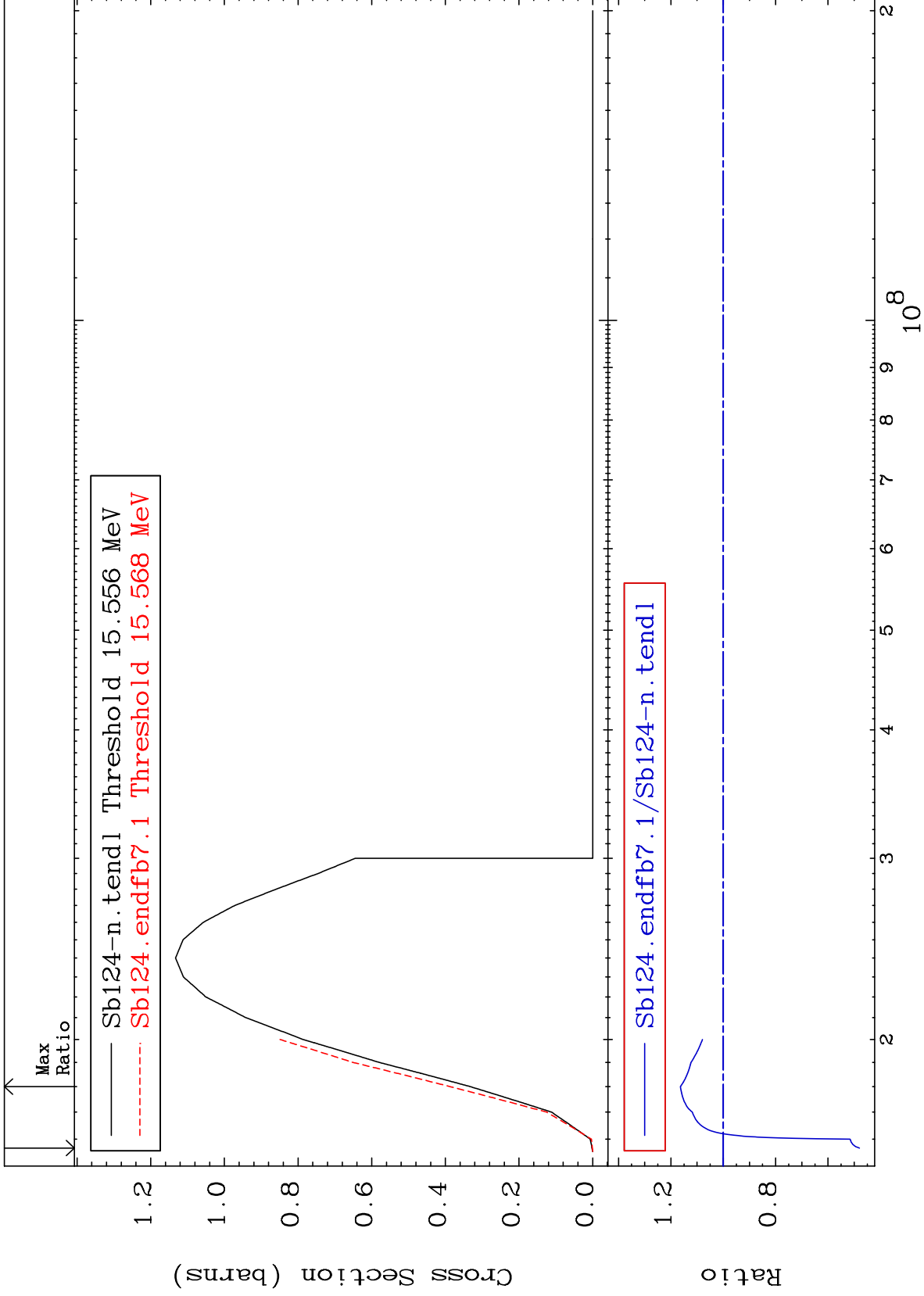
Incident Energy (eV)

51-Sb-124

MAT 5134

(n,3n)  
Cross Section

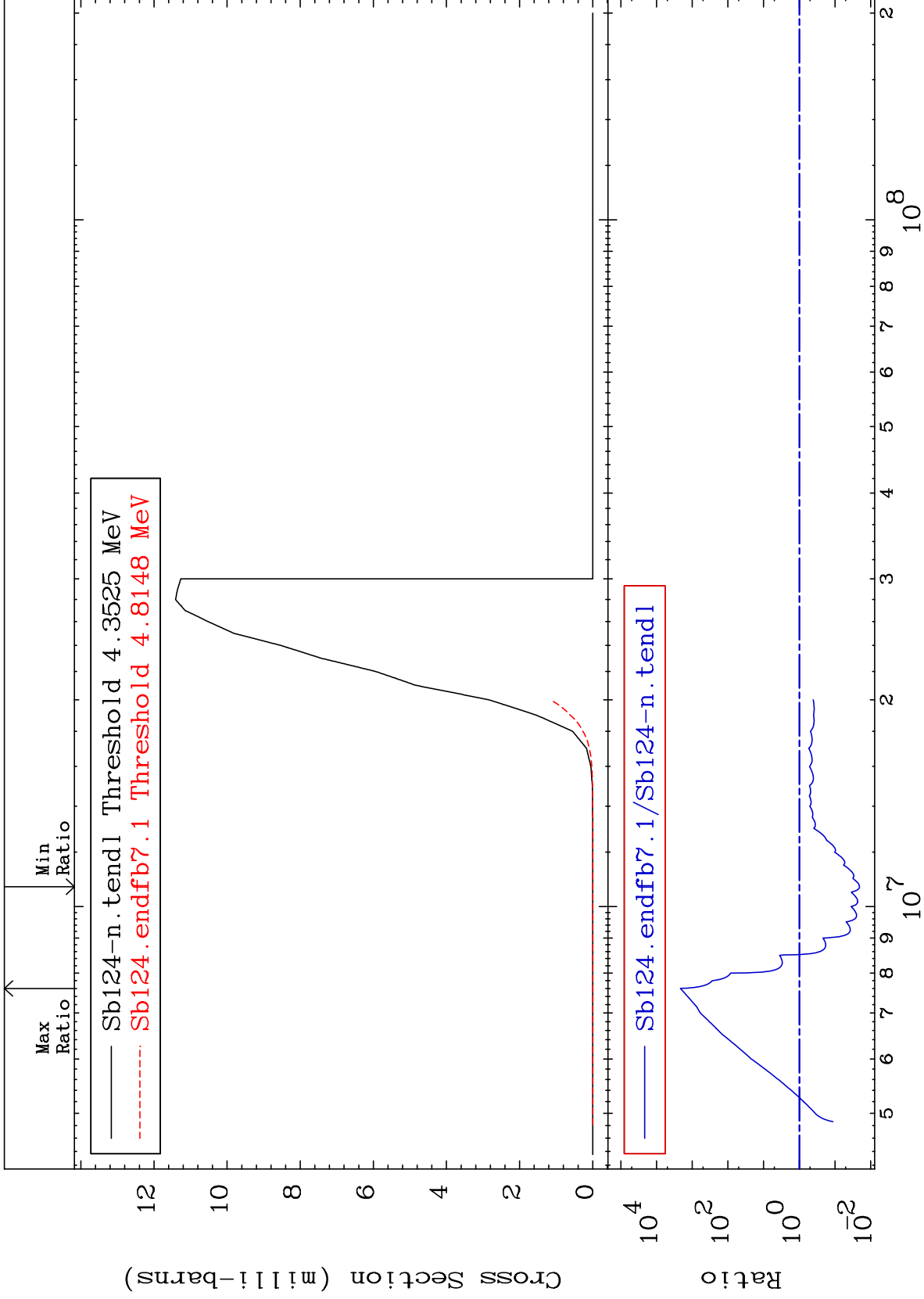
51-Sb-124  
-51.98 To 16.38 %



MAT 5134

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

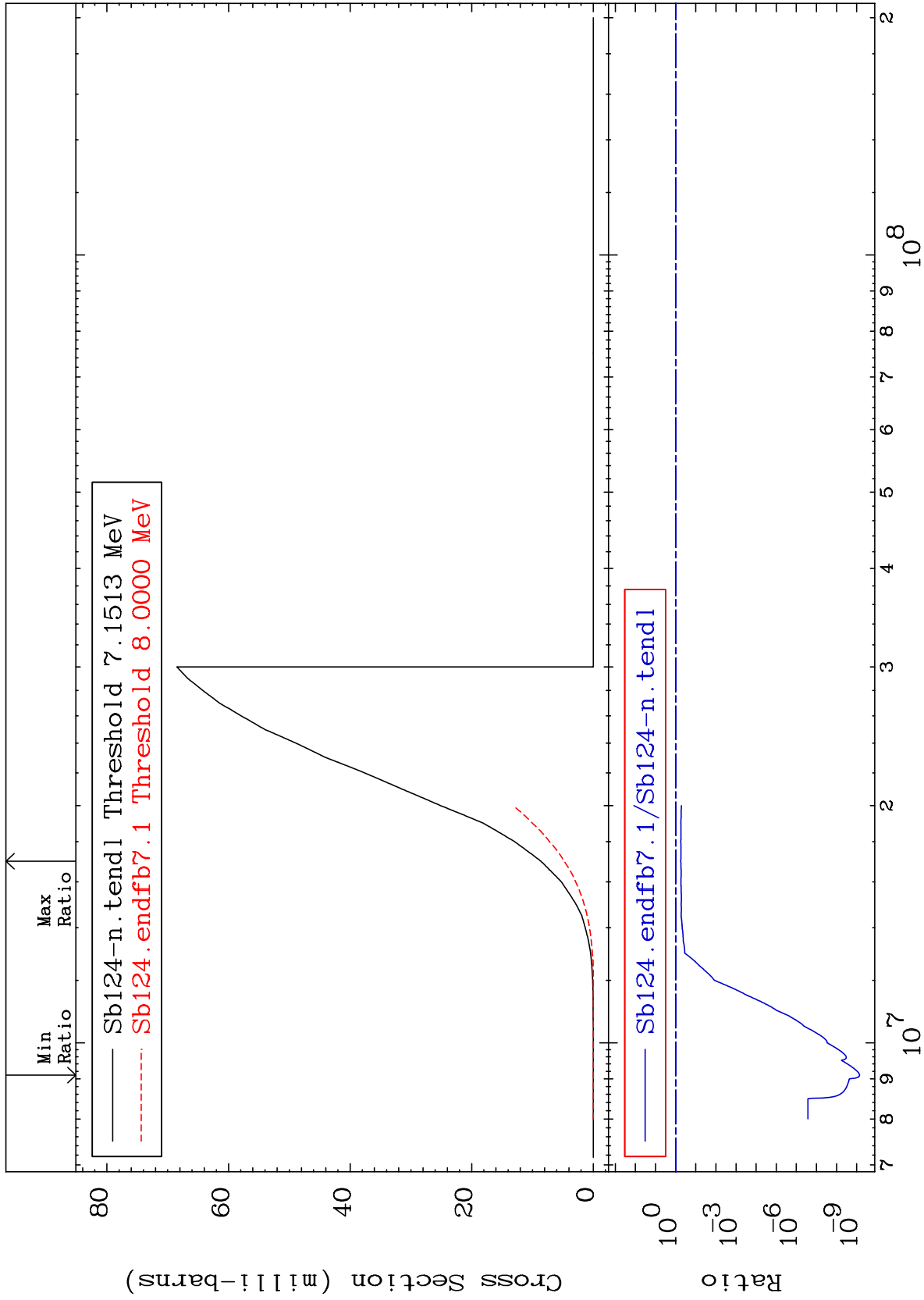
51-Sb-124  
-97.94 To 9999. %



MAT 5134

(n,n') p  
Cross Section

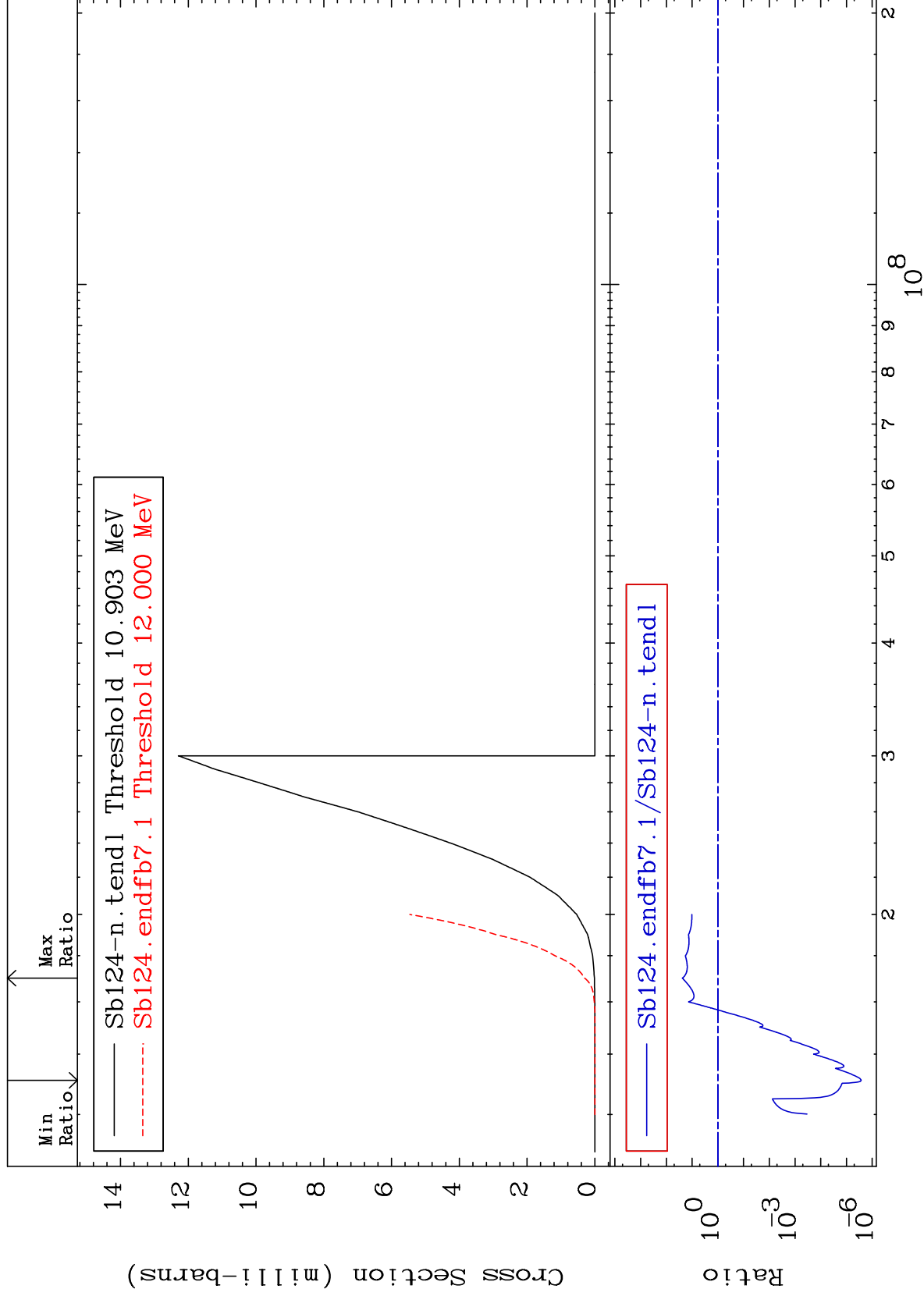
51-Sb-124  
-100.0 To -44.31%



7

Incident Energy (eV)

51-Sb-124





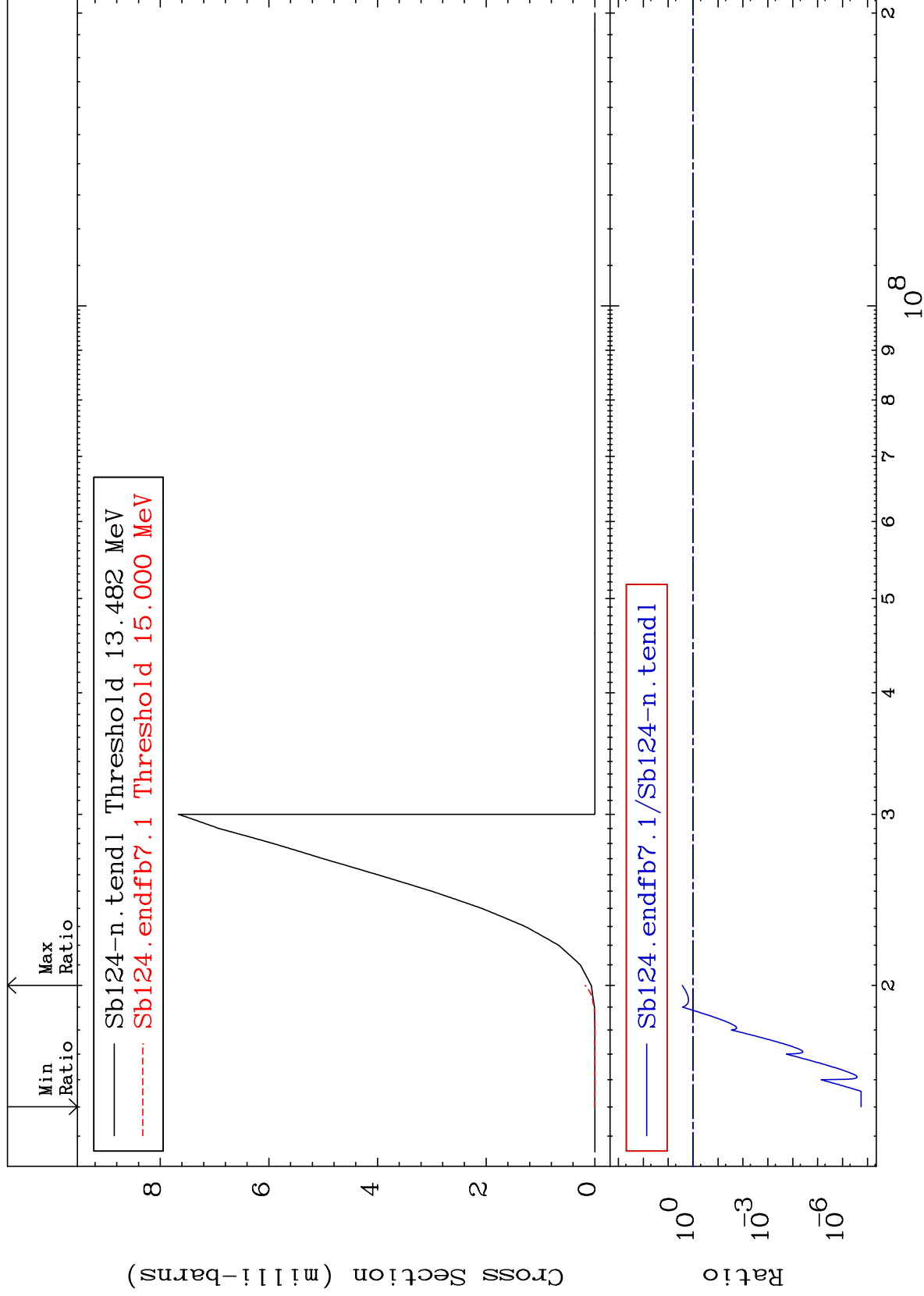
MAT 5134

(n,n') t

51-Sb-124

Cross Section

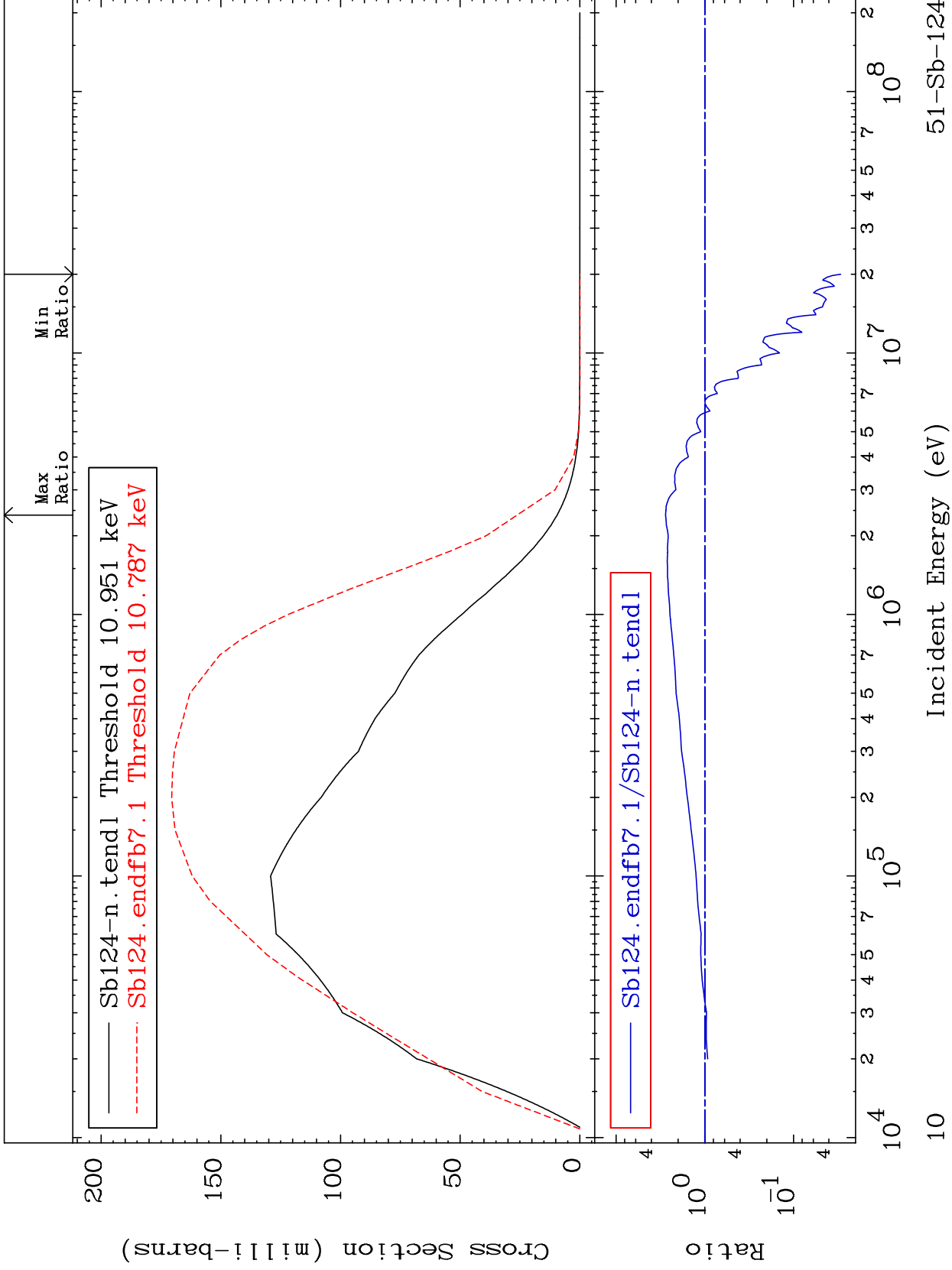
-100.0 To 170.5 %



MAT 5134

10.86 keV (n,n') Level  
Cross Section

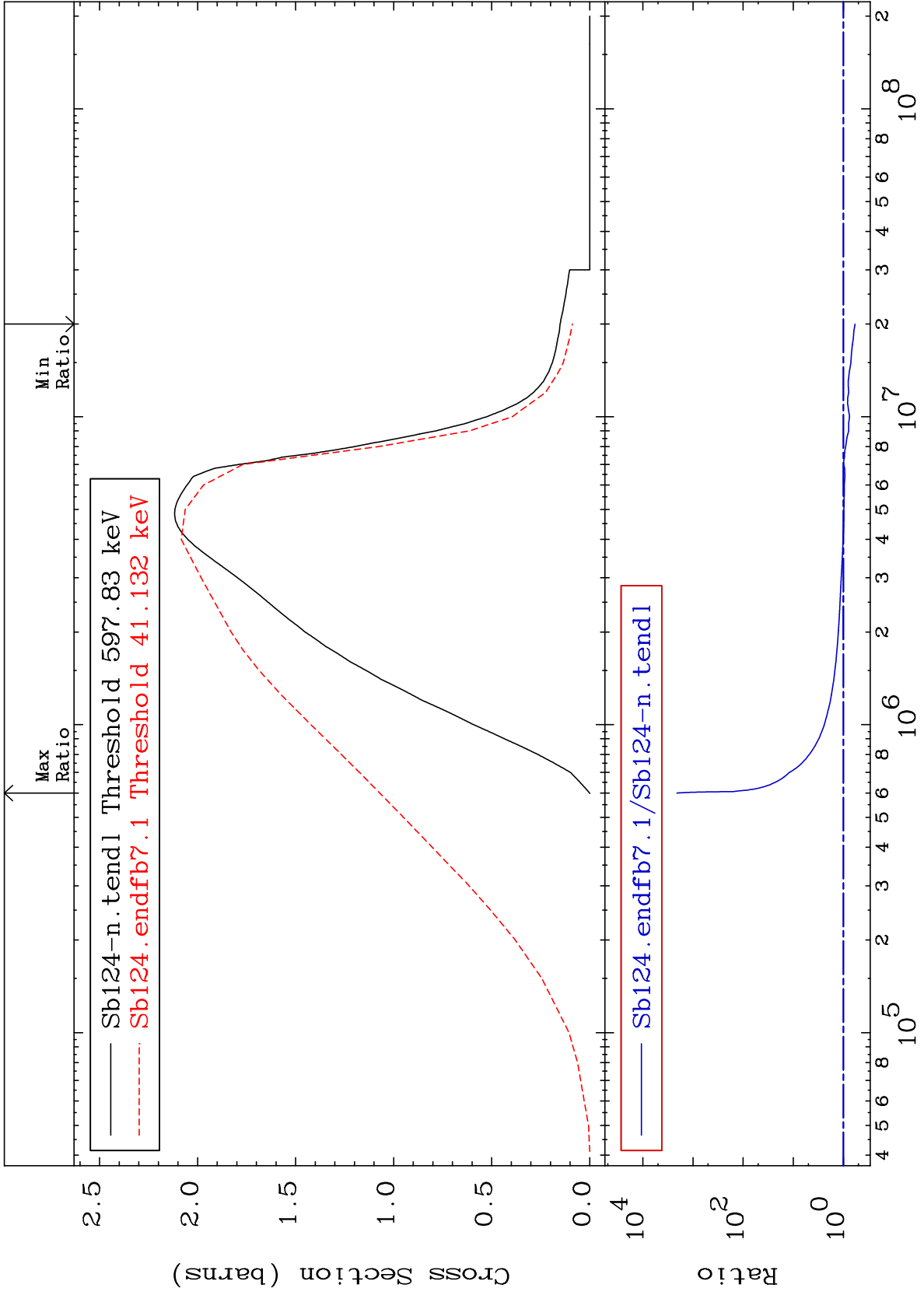
51-Sb-124  
-97.05 To 177.3 %



MAT 5134

(n, n') Continuum  
Cross Section

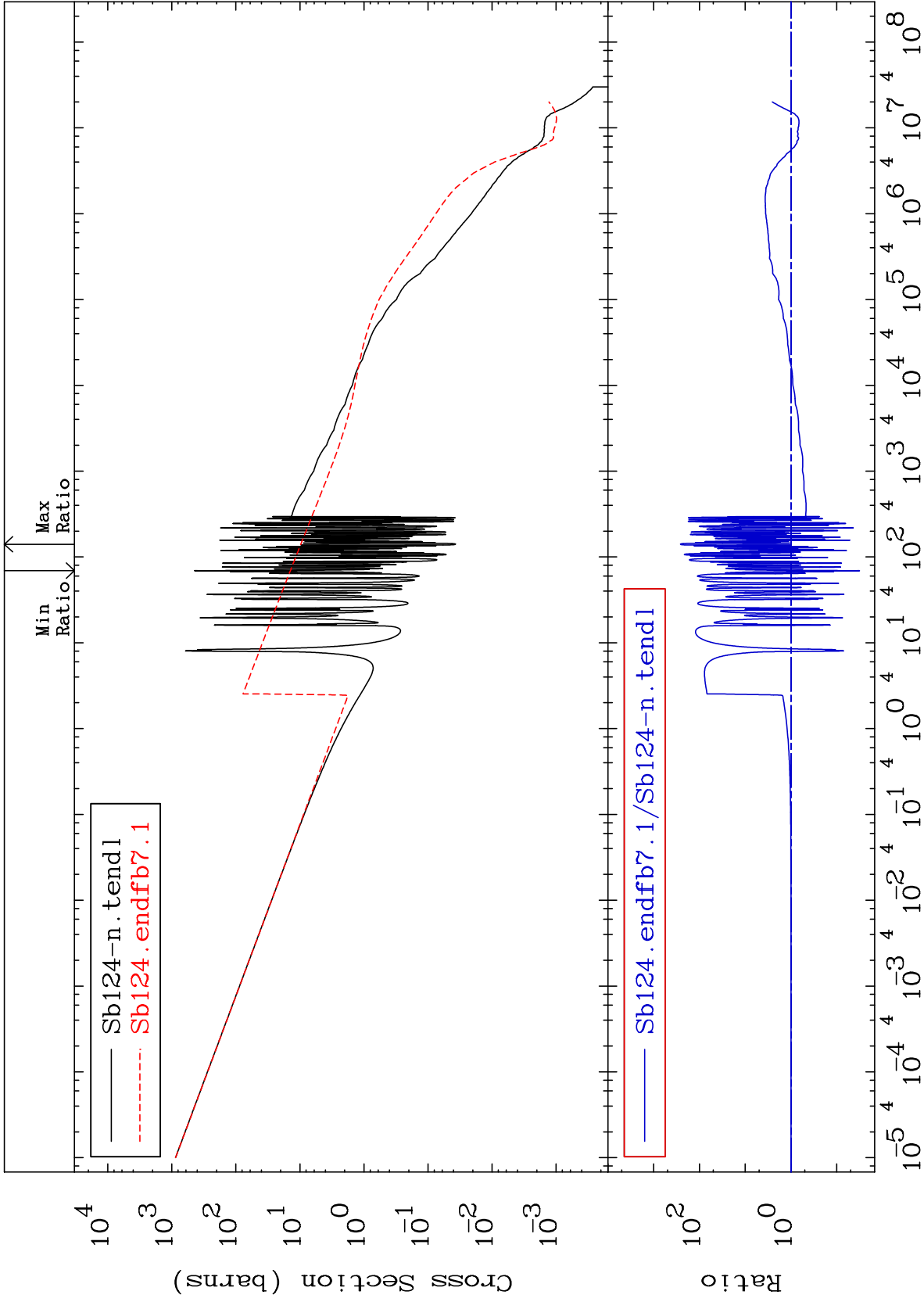
51-Sb-124  
-41.64 To 9999. %



MAT 5134

(n,  $\gamma$ )  
Cross Section

51-Sb-124  
-96.80 To 9999. %



12

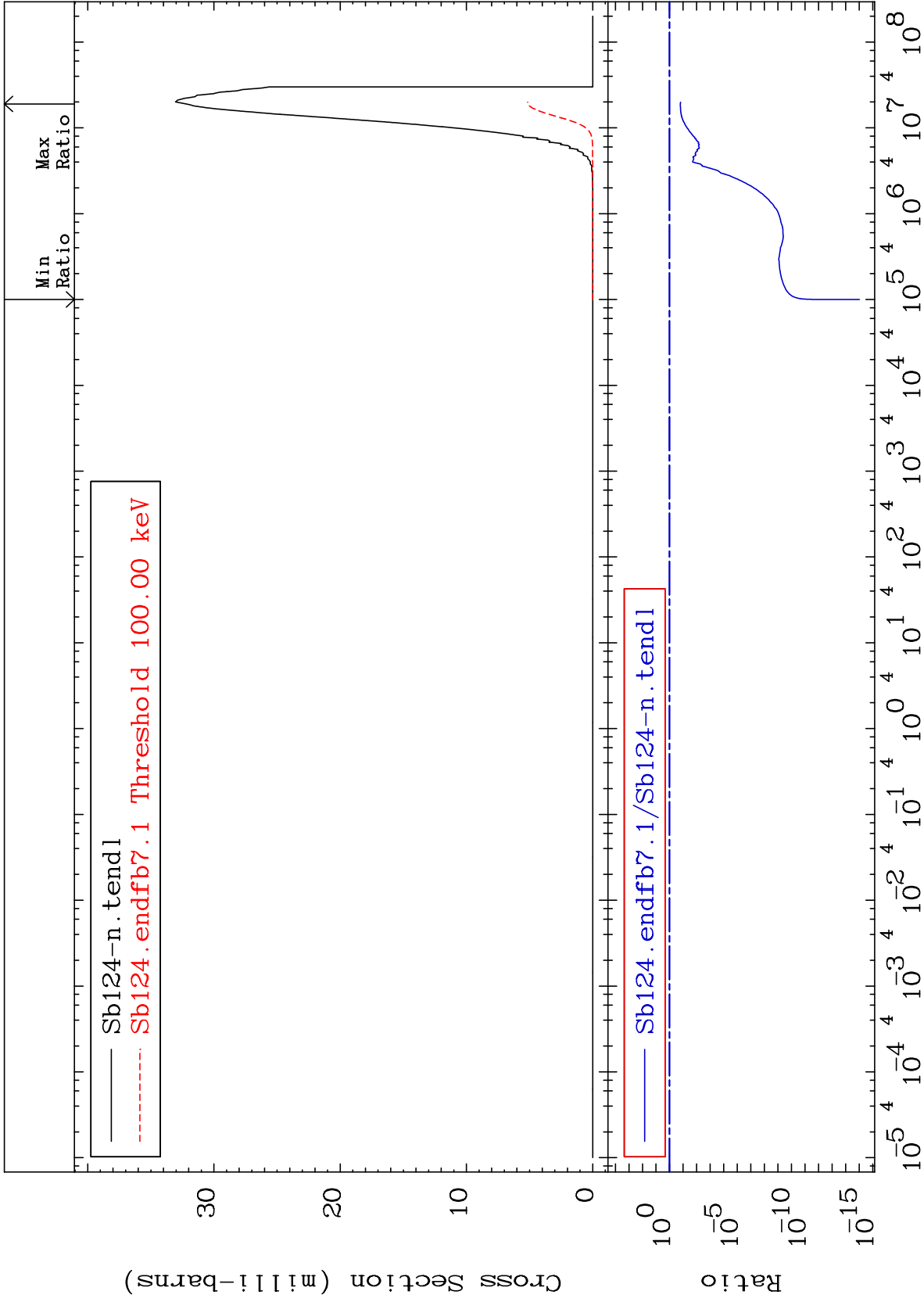
Incident Energy (eV)

51-Sb-124

MAT 5134

(n,p)  
Cross Section

51-Sb-124  
-100.0 To -84.04%



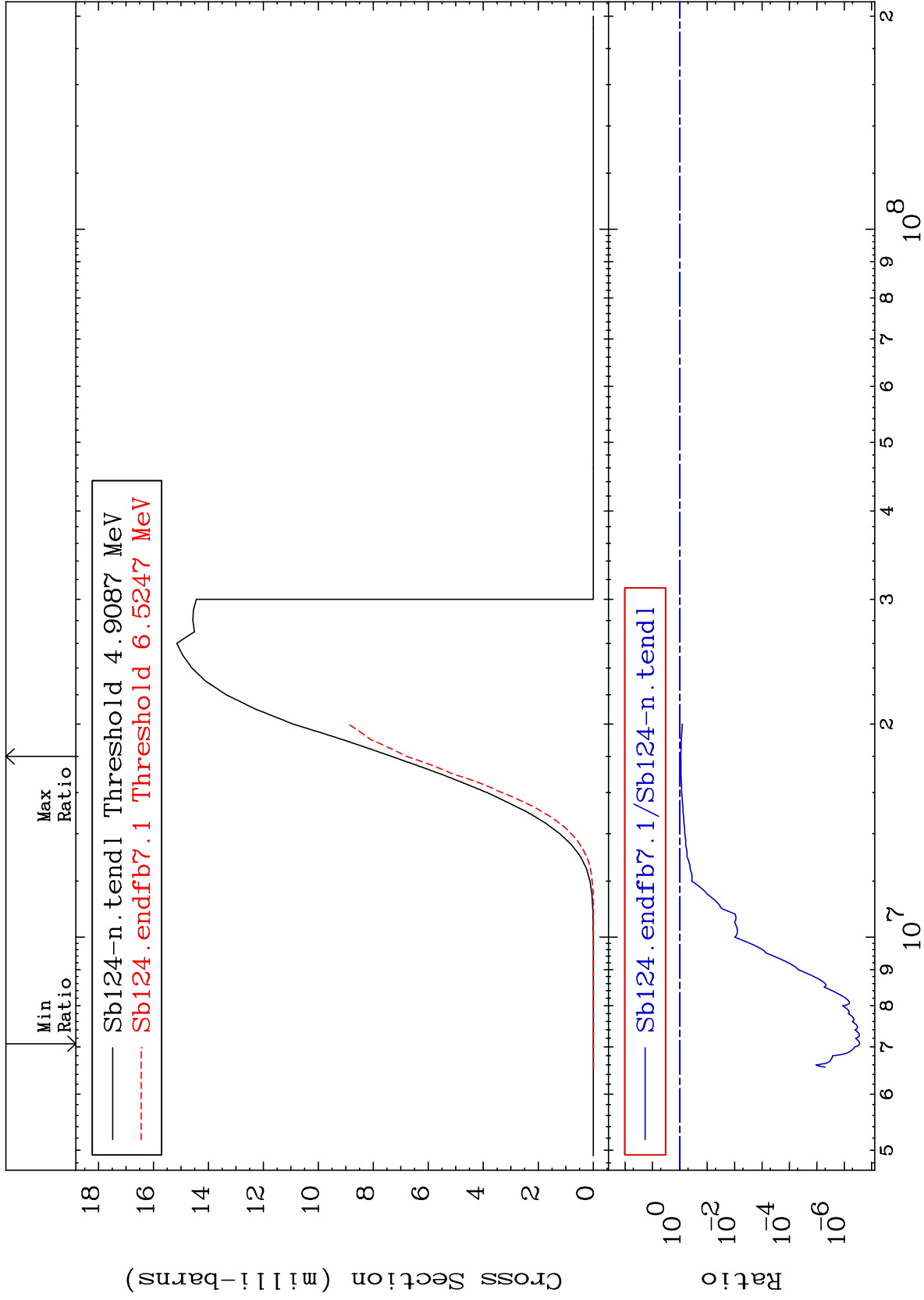
MAT 5134

(n, d)

51-Sb-124

Cross Section

-100.0 To -7.394%



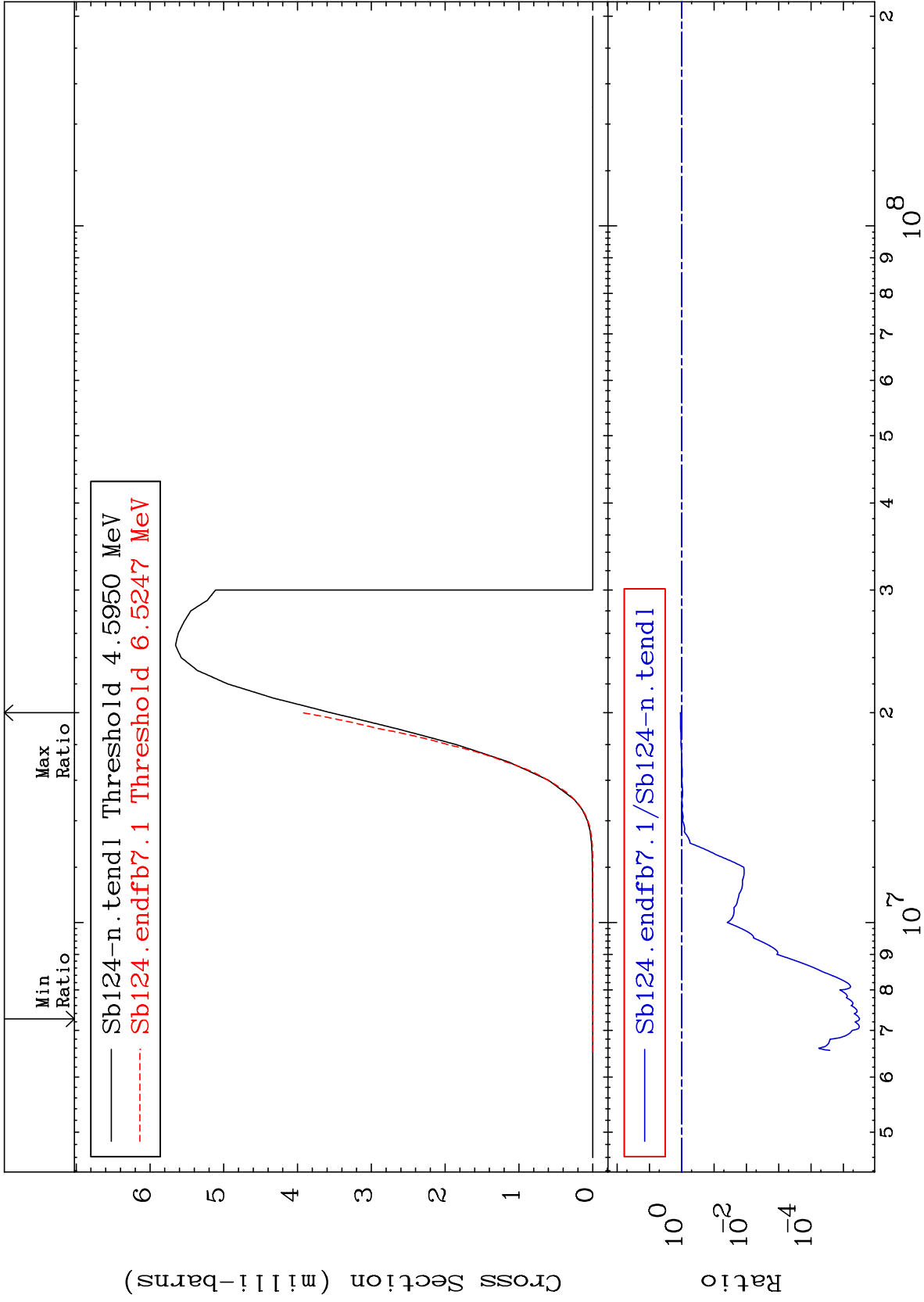
14

Incident Energy (eV)

51-Sb-124

MAT 5134

(n, t)  
Cross Section  
51-Sb-124  
-100.0 To 10.68 %



15

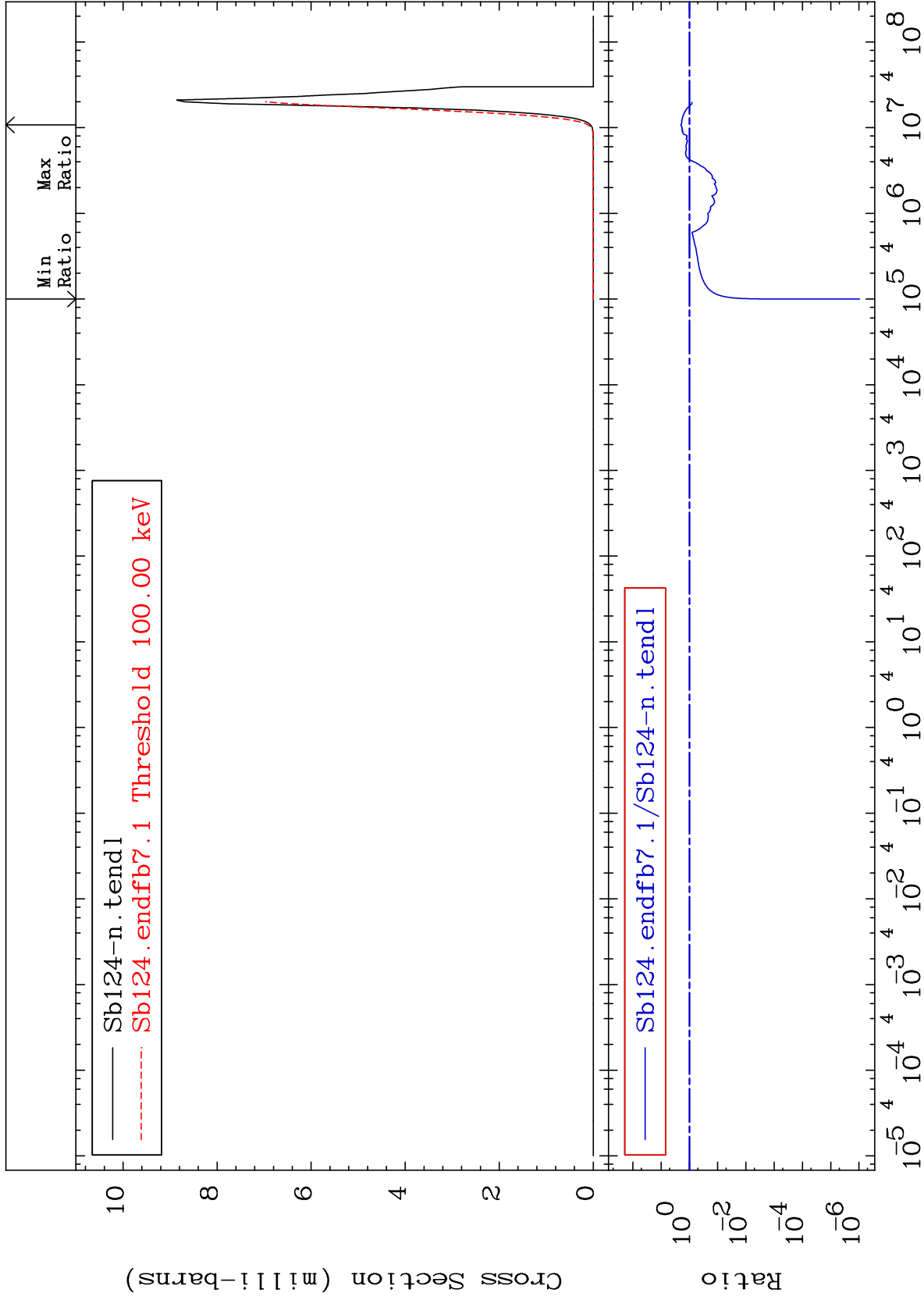
Incident Energy (eV)

51-Sb-124

MAT 5134

(n,  $\alpha$ )  
Cross Section

51-Sb-124  
-100.0 To 101.6 %

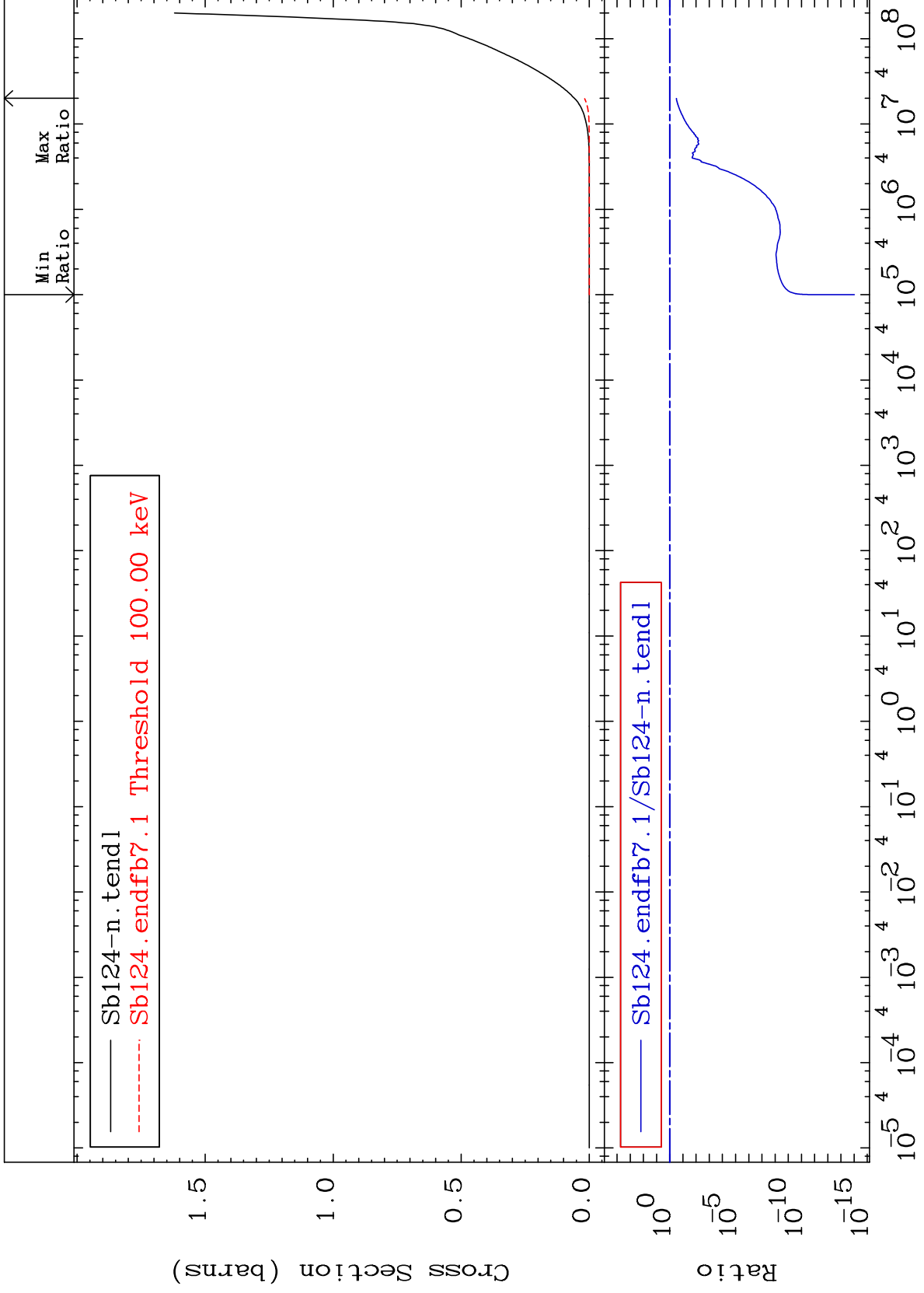


16

Incident Energy (eV)

51-Sb-124

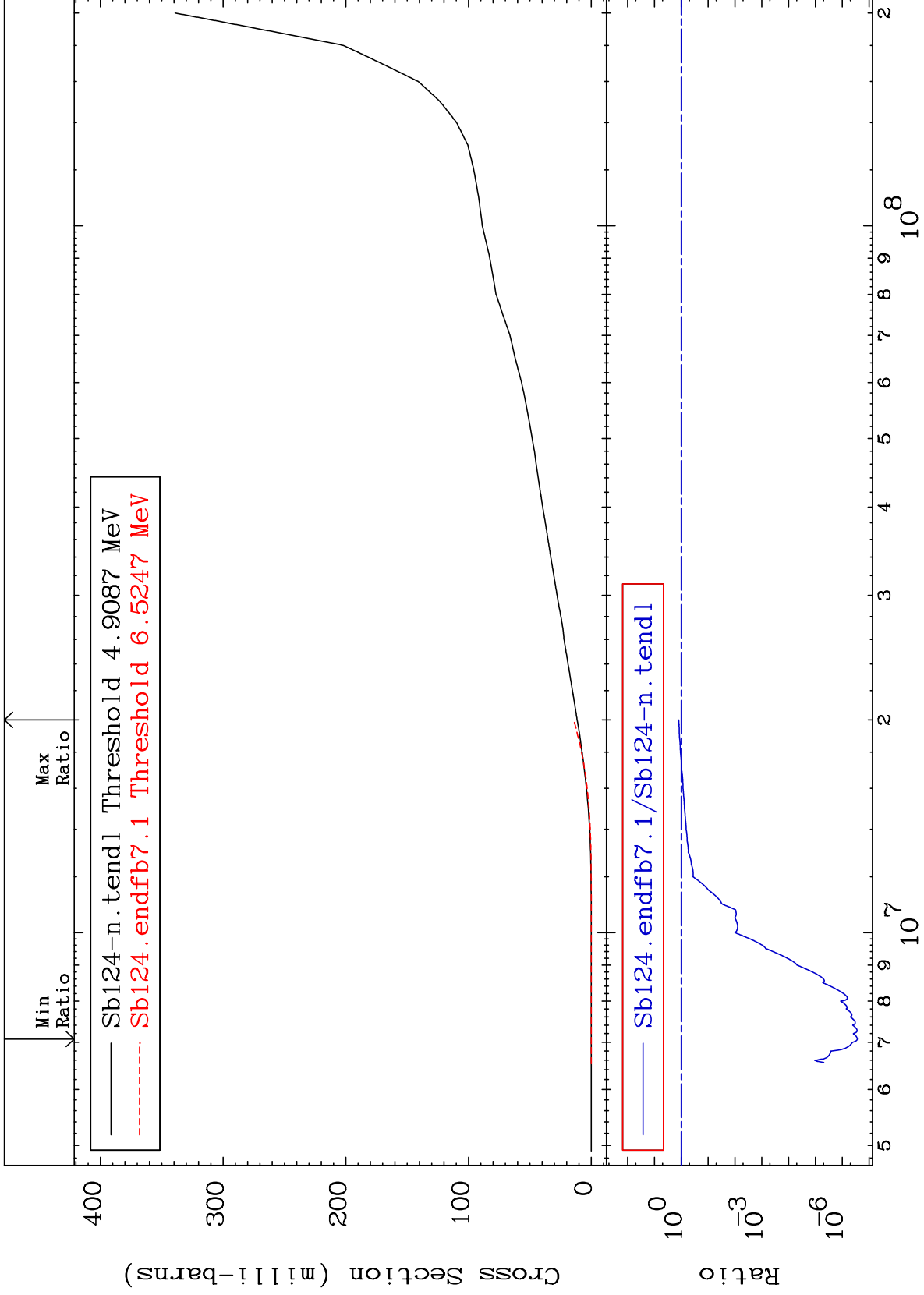




MAT 5134

Deuterium Production  
Cross Section

51-Sb-124  
-100.0 To 25.45 %



18

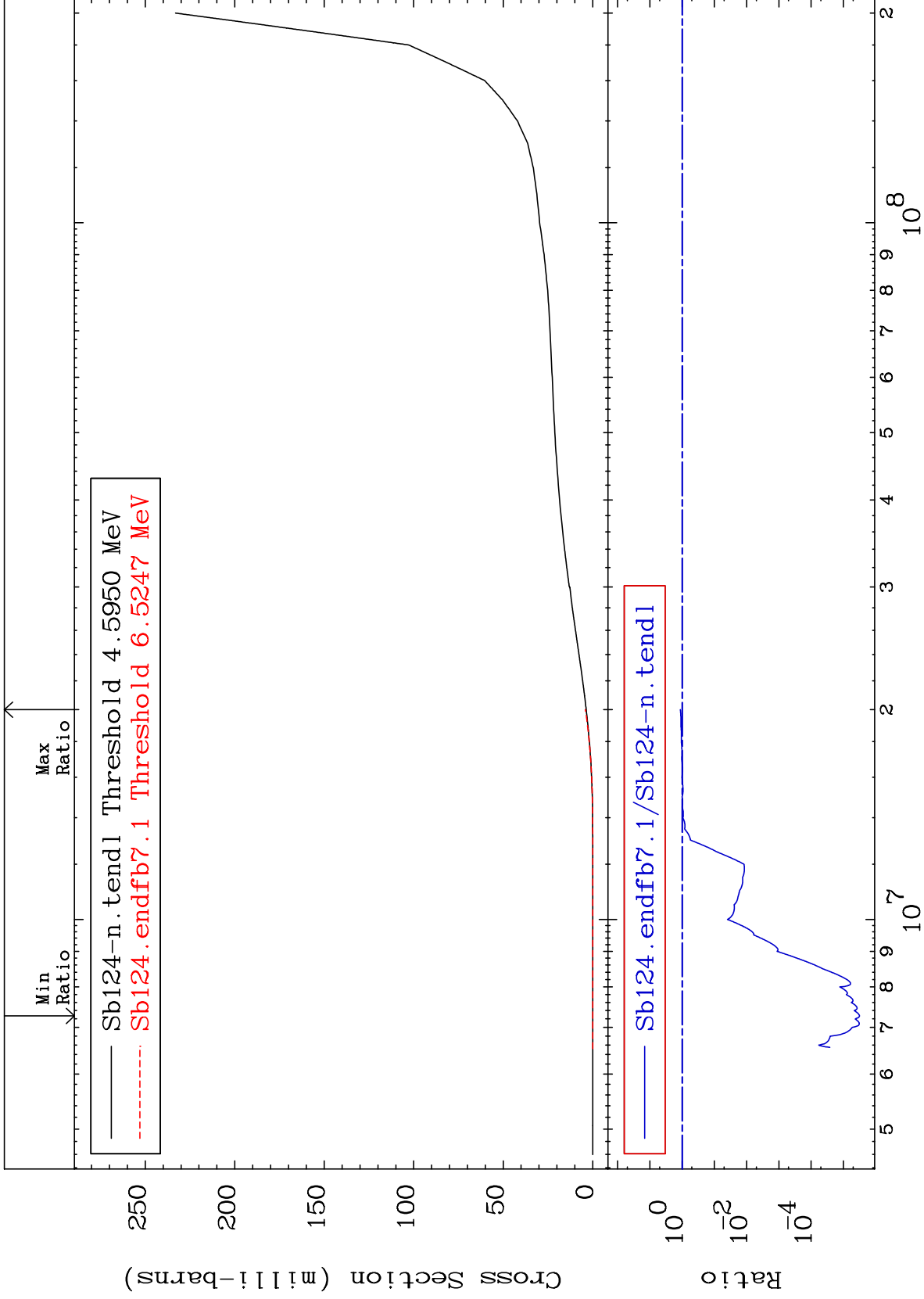
Incident Energy (eV)

51-Sb-124

MAT 5134

Tritium Production  
Cross Section

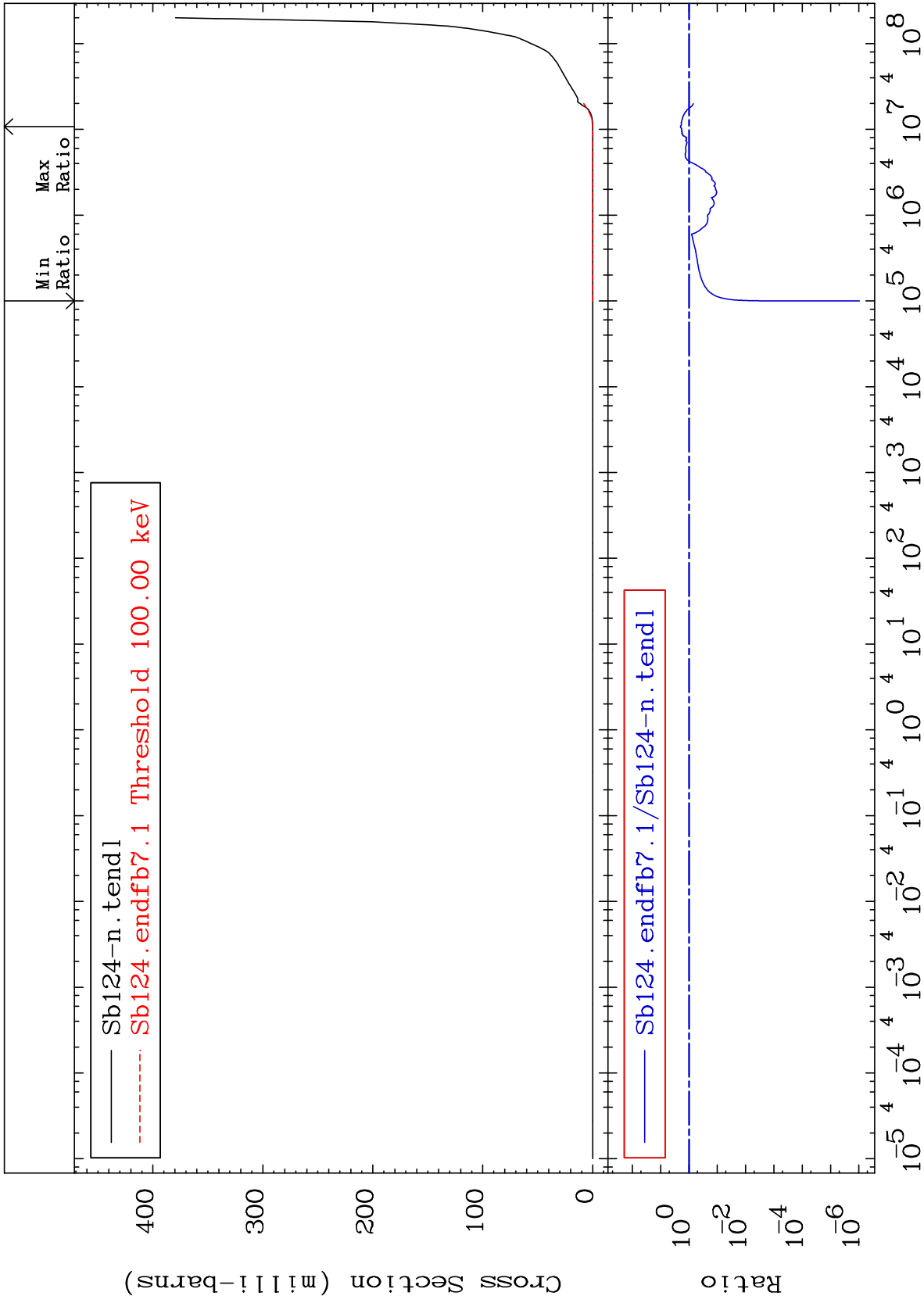
51-Sb-124  
-100.0 To 13.59 %



MAT 5134

He-4 Production  
Cross Section

51-Sb-124  
-100.0 To 101.6 %



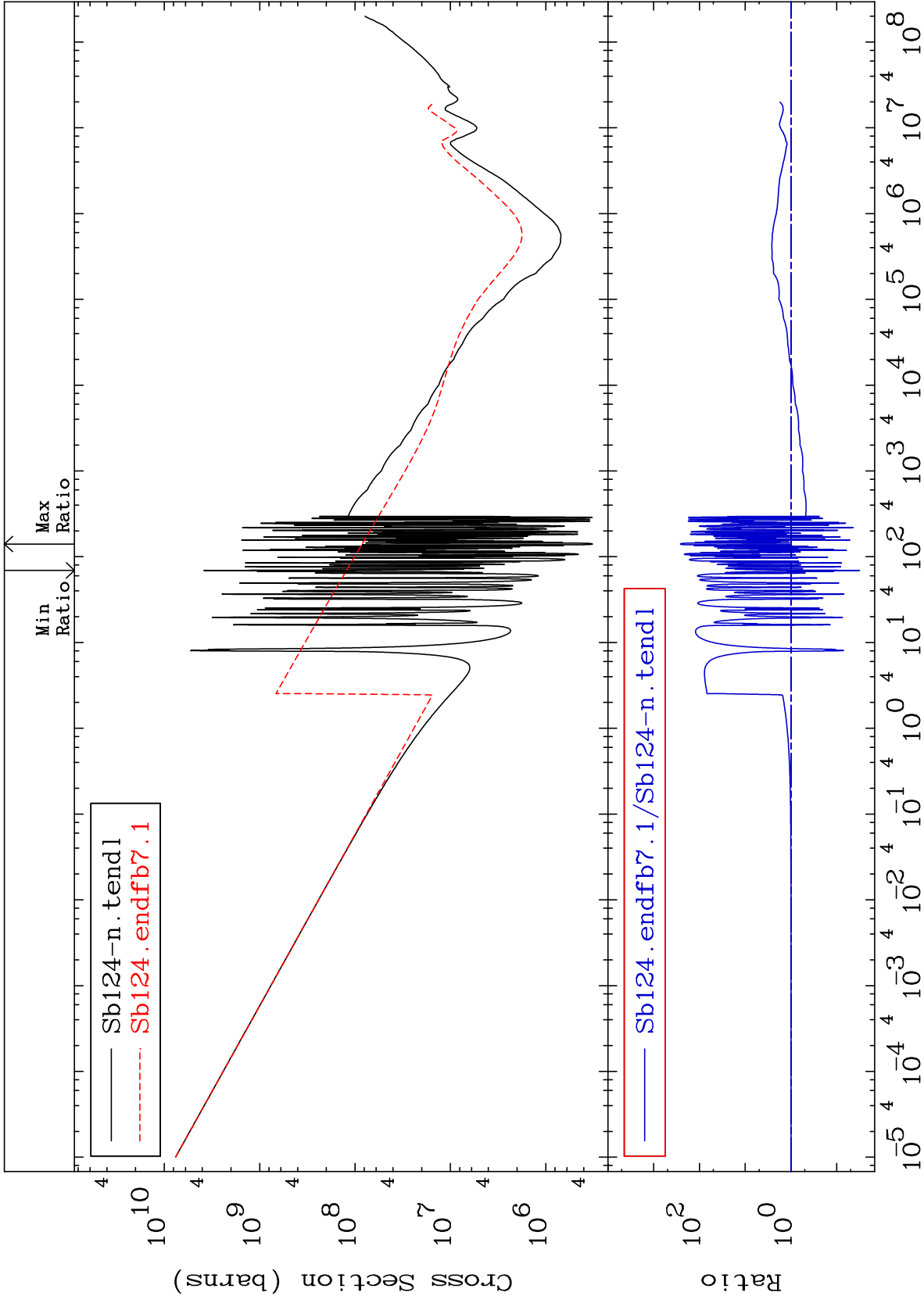
MAT 5134

Kerma total (eV-barns)

51-Sb-124

-96.80 To 9999. %

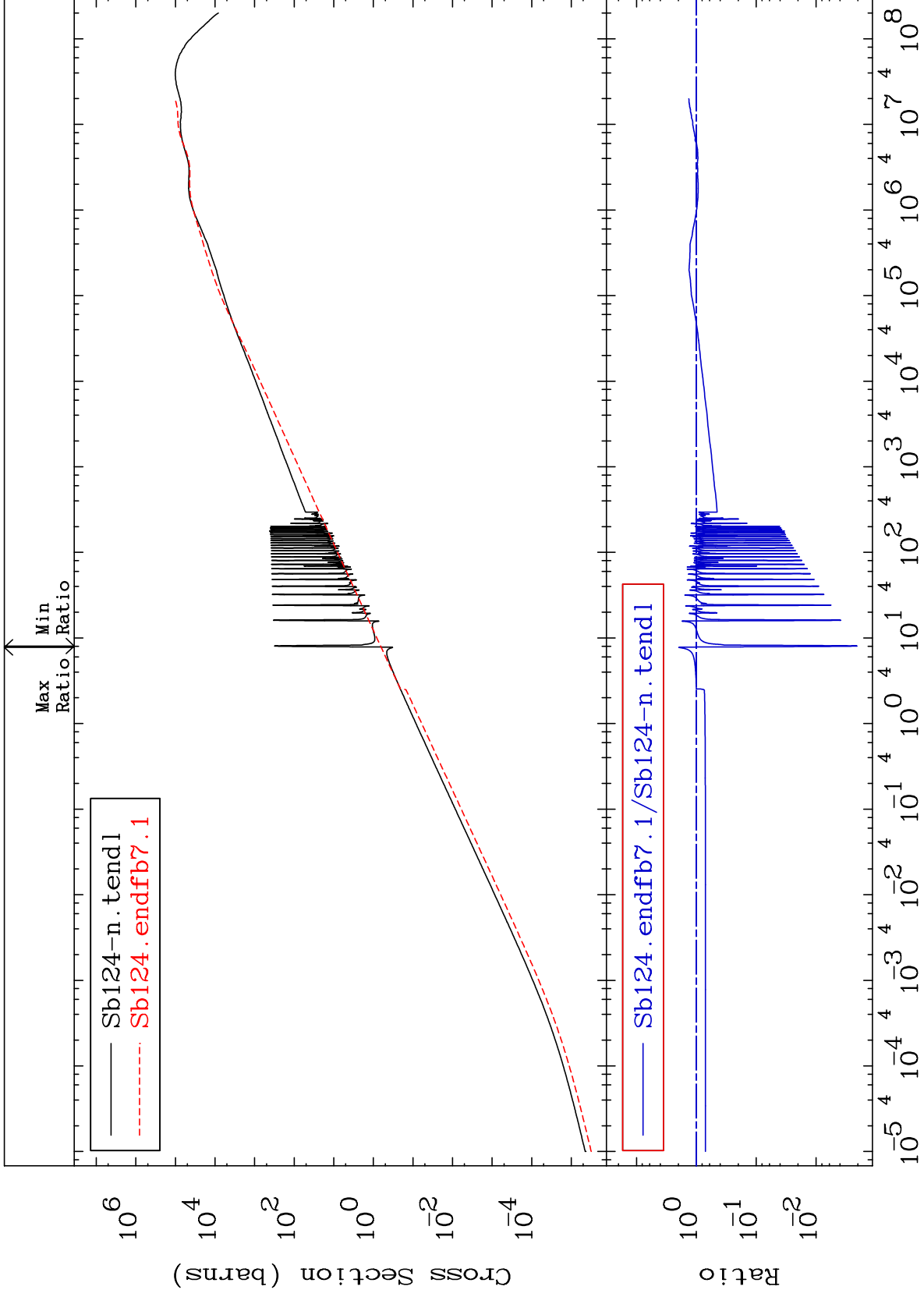
Cross Section



MAT 5134

Kerma elastic  
Cross Section

51-Sb-124  
-99.79 To 97.70 %



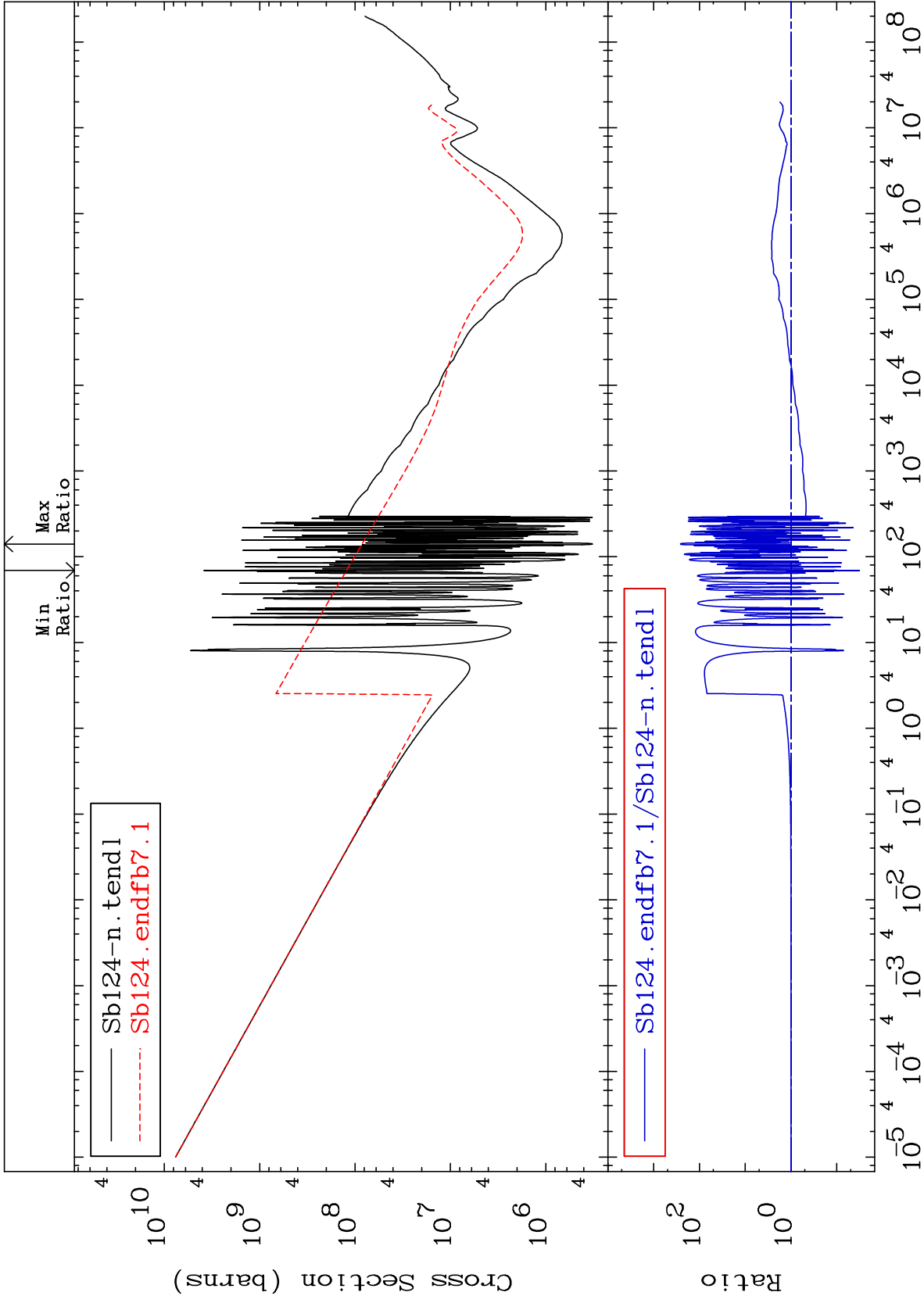
MAT 5134

Kerma non-elastic (all but mt2)

51-Sb-124

-96.80 To 9999. %

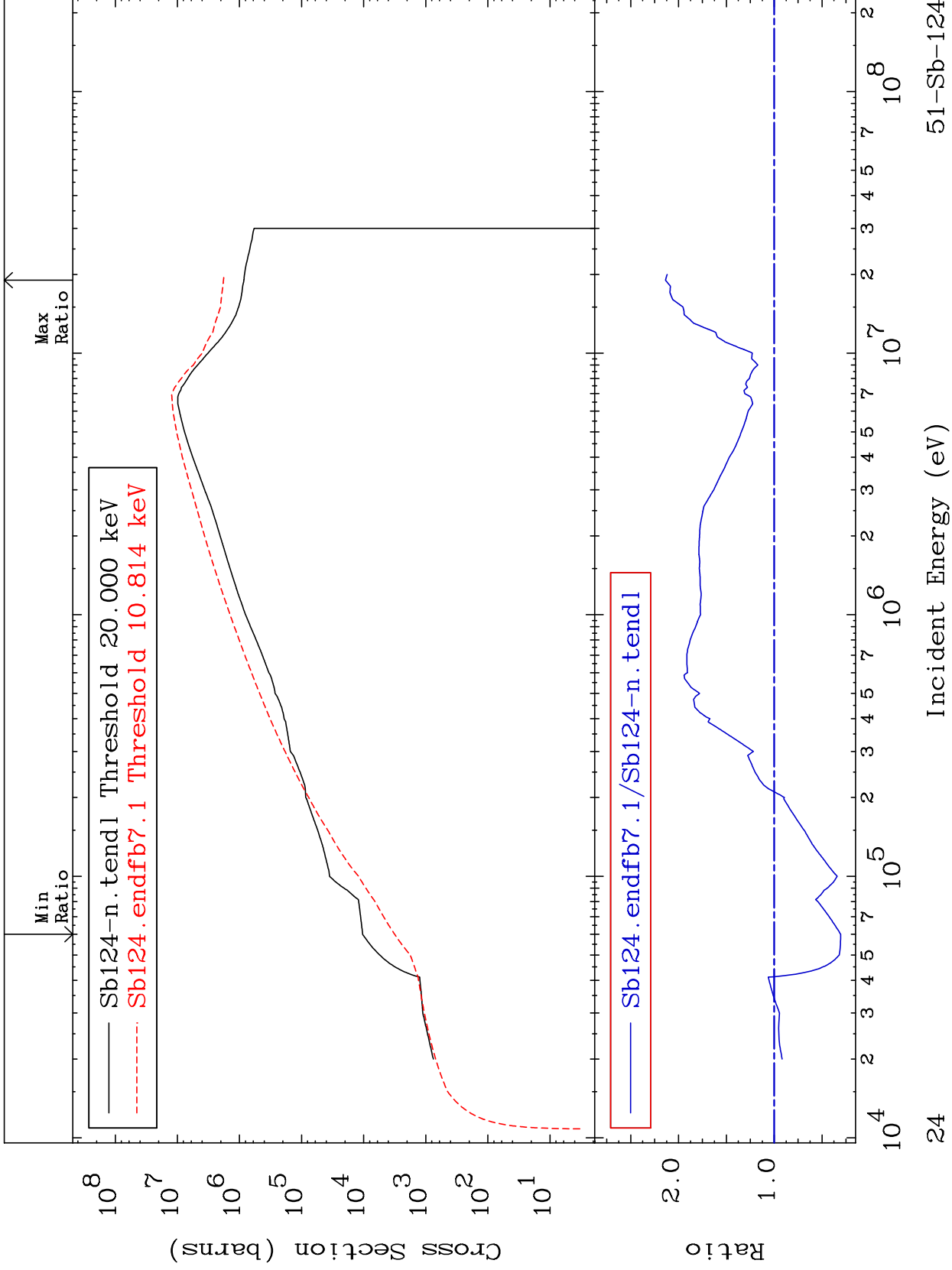
Cross Section



MAT 5134

Kerma inelastic (mt51-91)  
Cross Section

51-Sb-124  
-69.47 To 113.6 %



24

Incident Energy (eV)

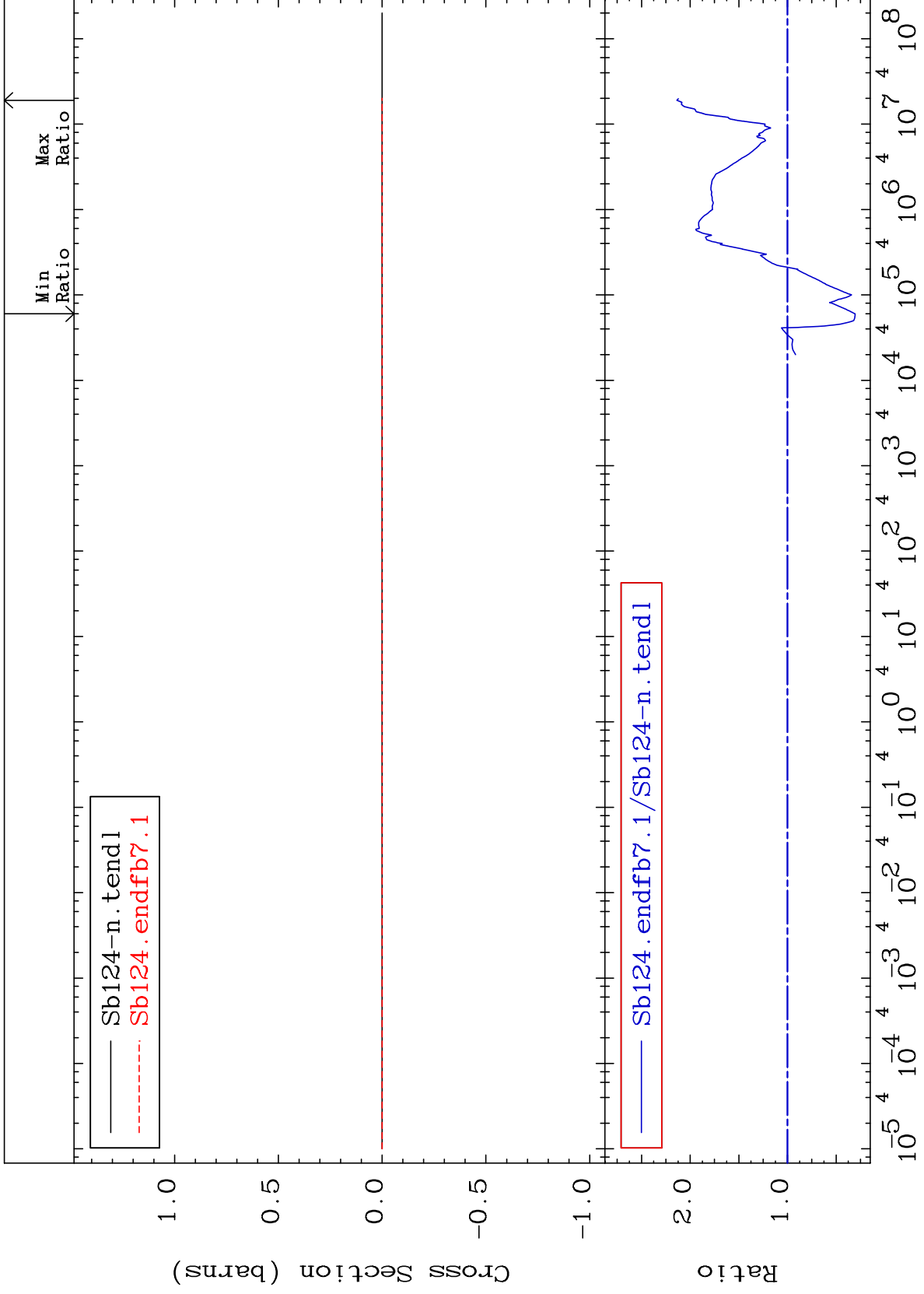
51-Sb-124



MAT 5134

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

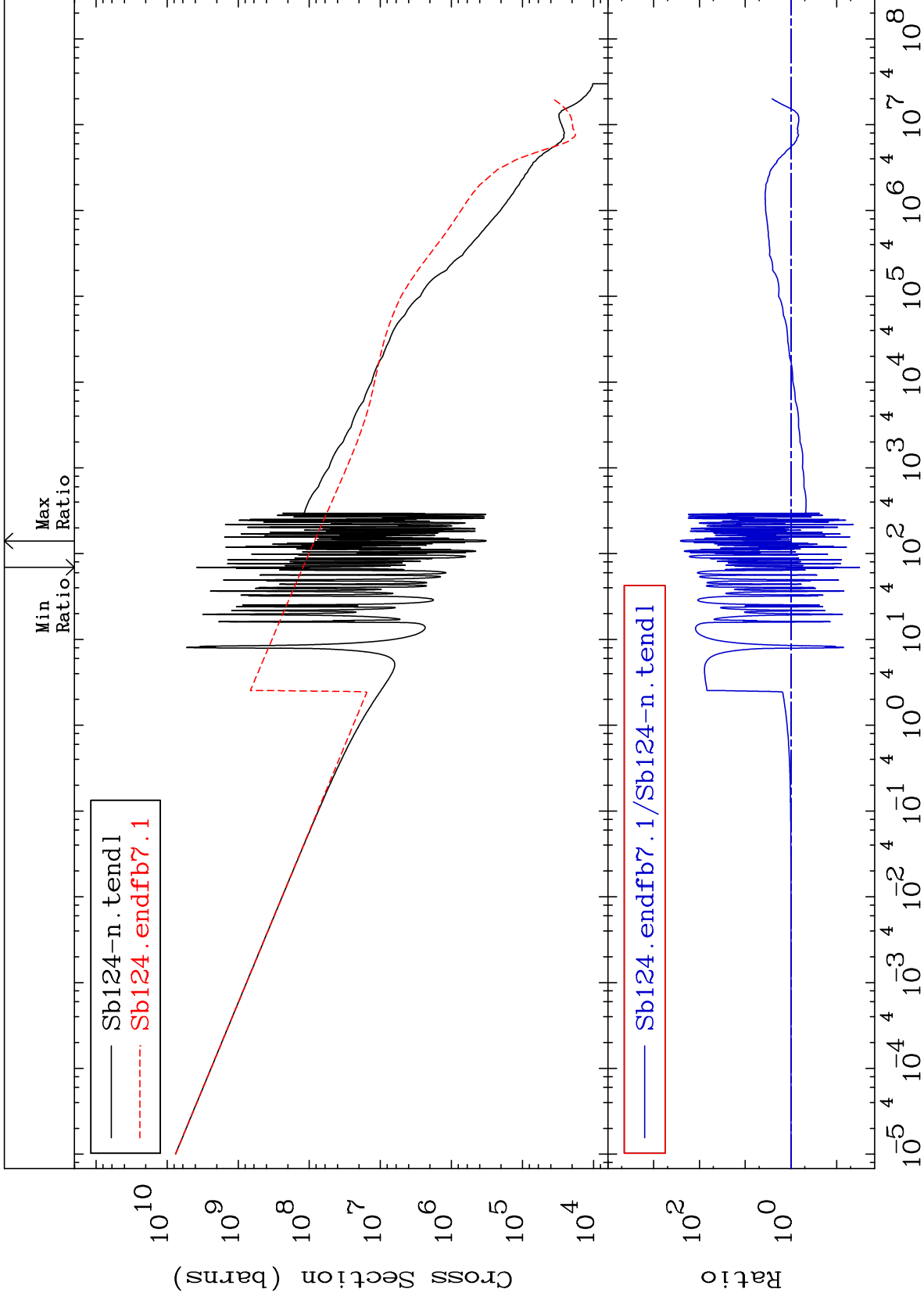
51-Sb-124  
-69.47 To 113.6 %



25

Incident Energy (eV)

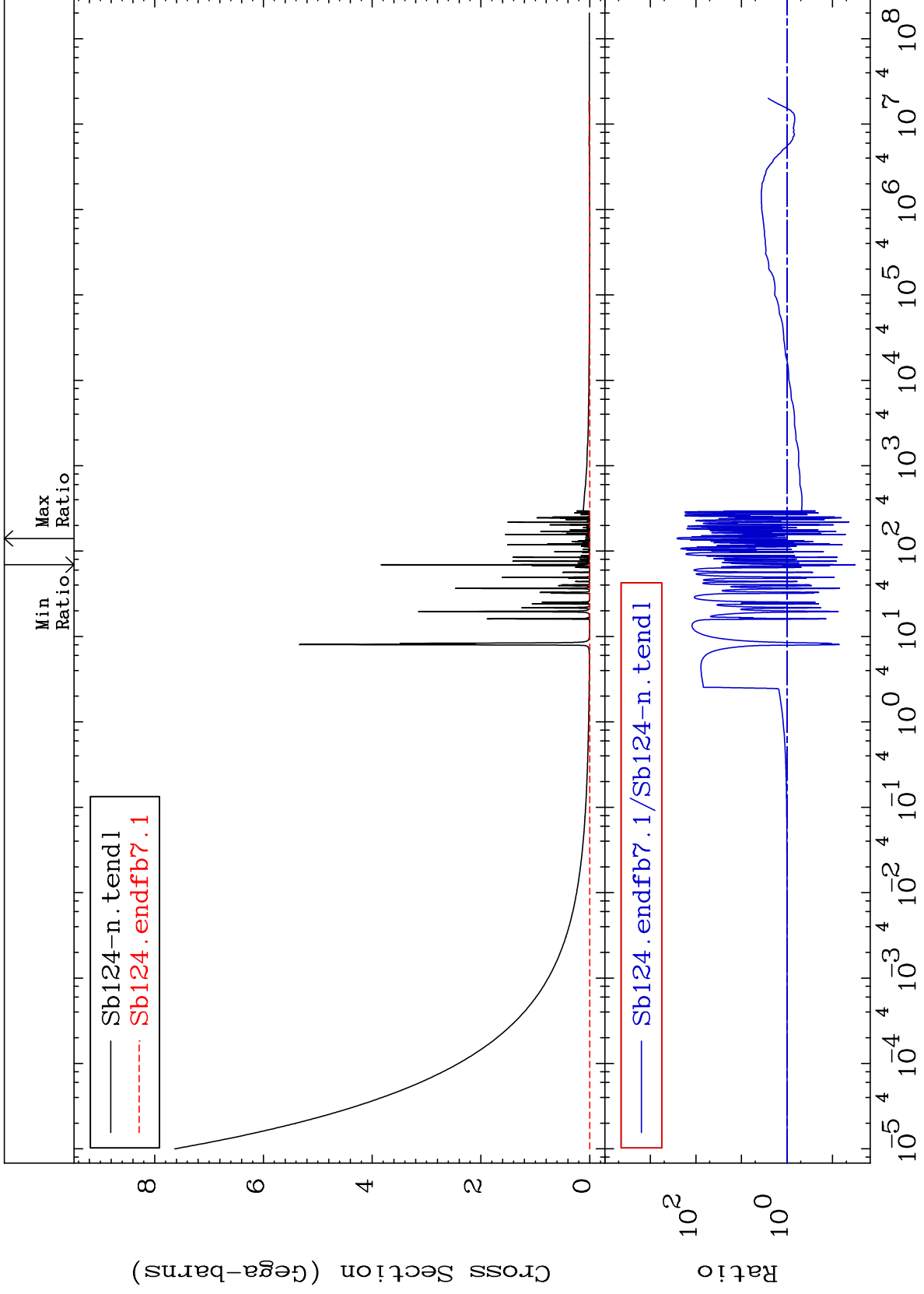
51-Sb-124



MAT 5134

Total photon (eV-barns)  
Cross Section

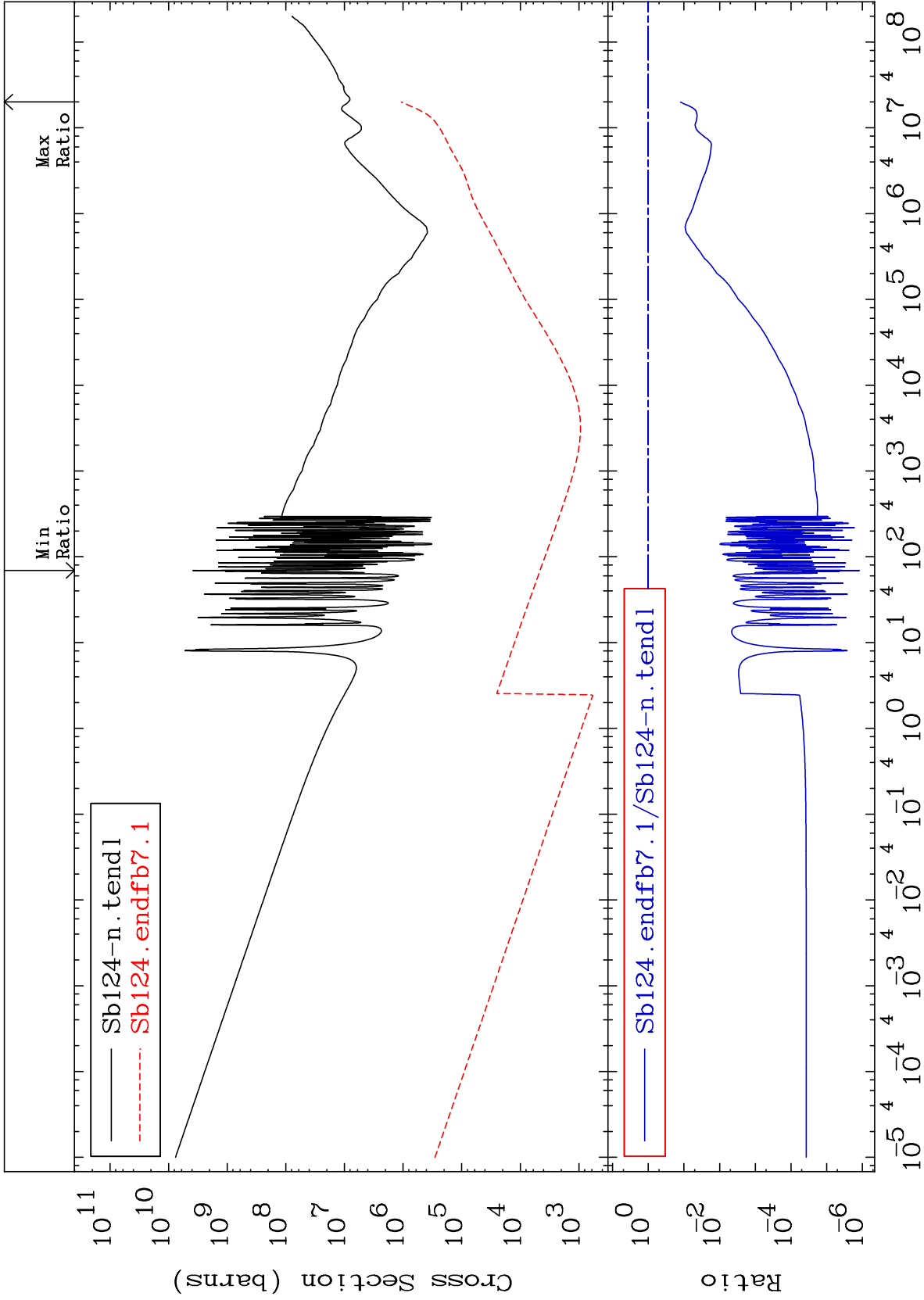
51-Sb-124  
-96.80 To 9999. %



27

Incident Energy (eV)

51-Sb-124



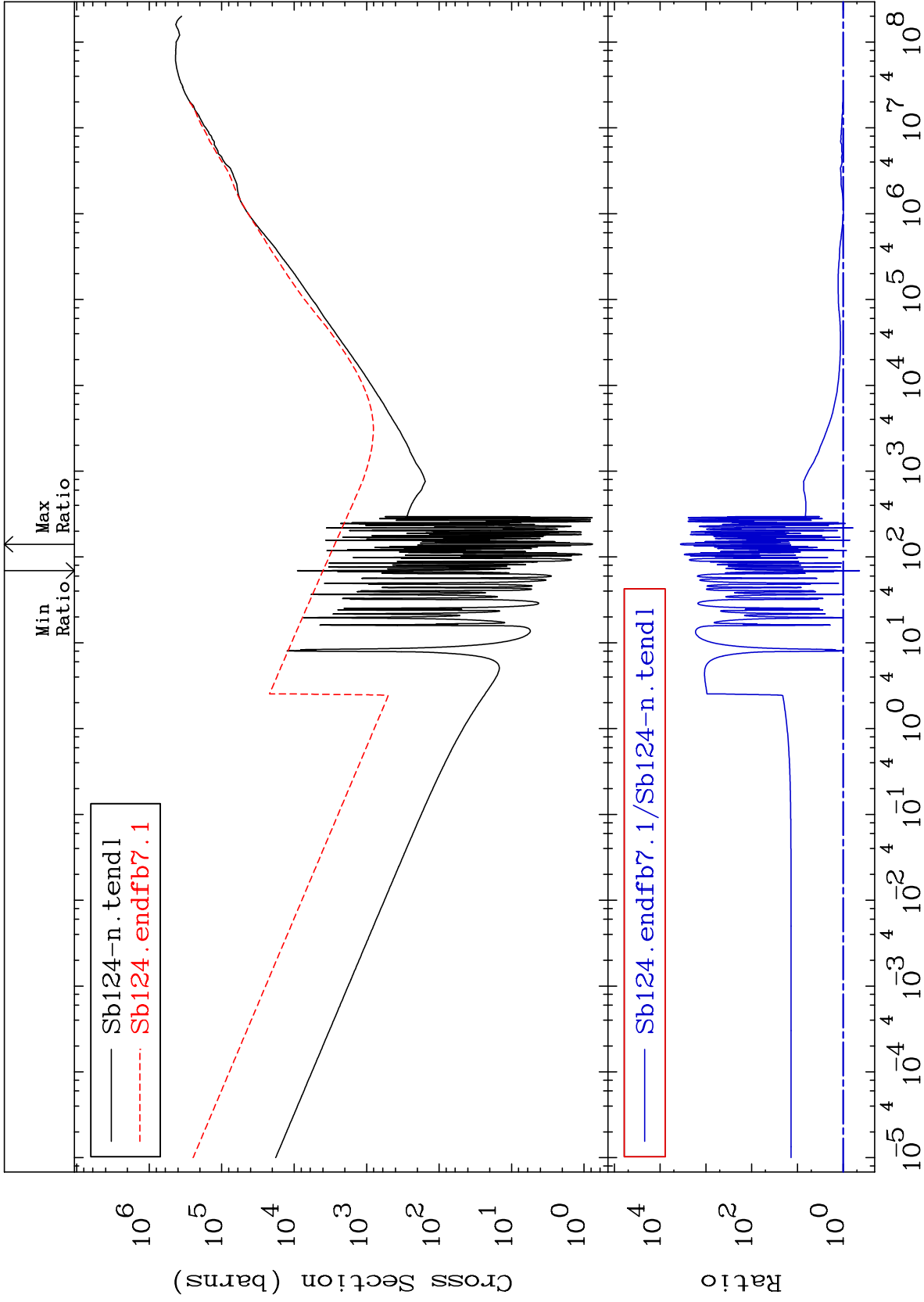
MAT 5134

Dpa total (eV-barns)

51-Sb-124

-55.77 To 9999. %

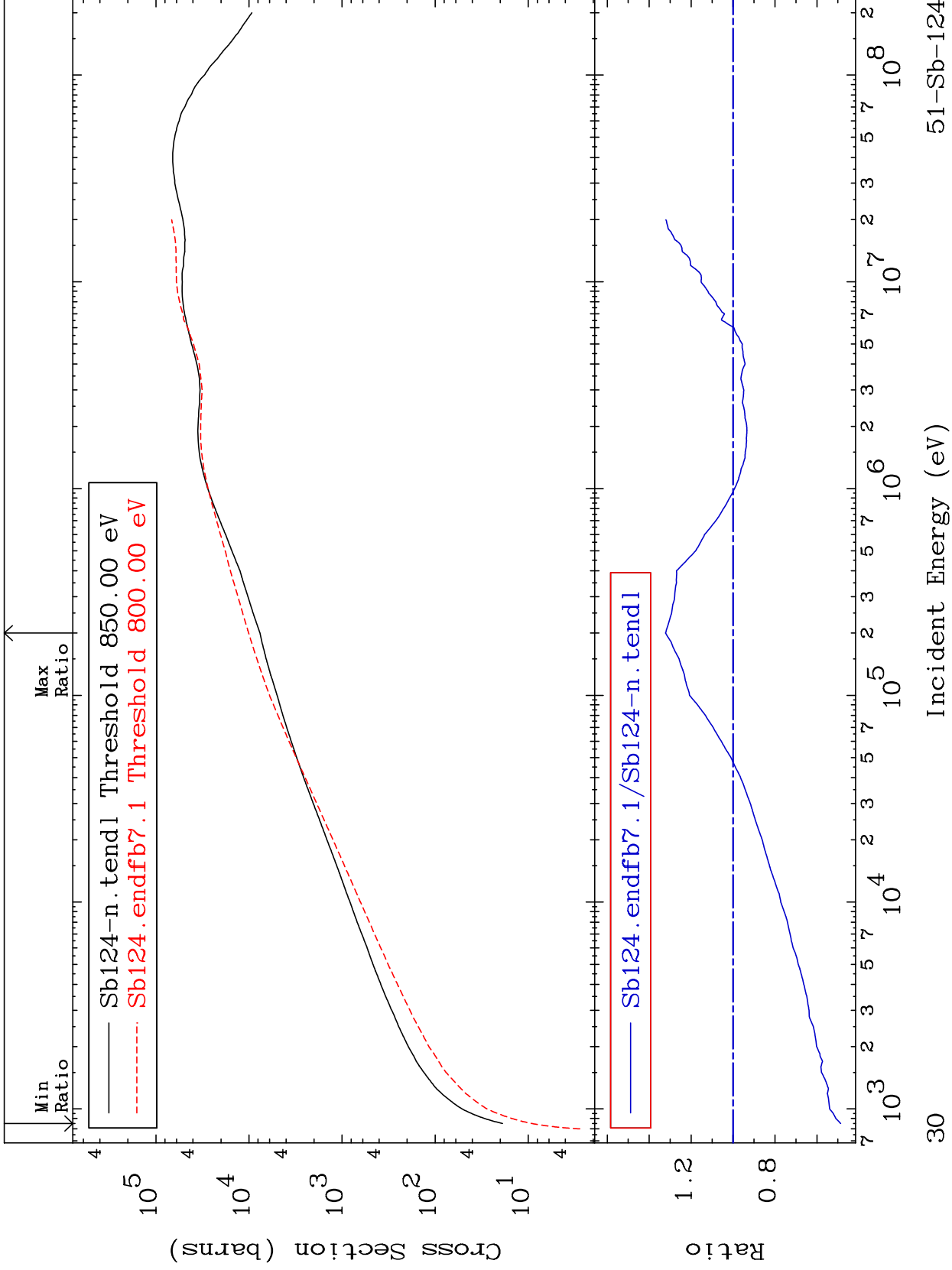
Cross Section



MAT 5134

Dpa elastic (mt2)  
Cross Section

51-Sb-124  
-51.32 To 32.22 %



30

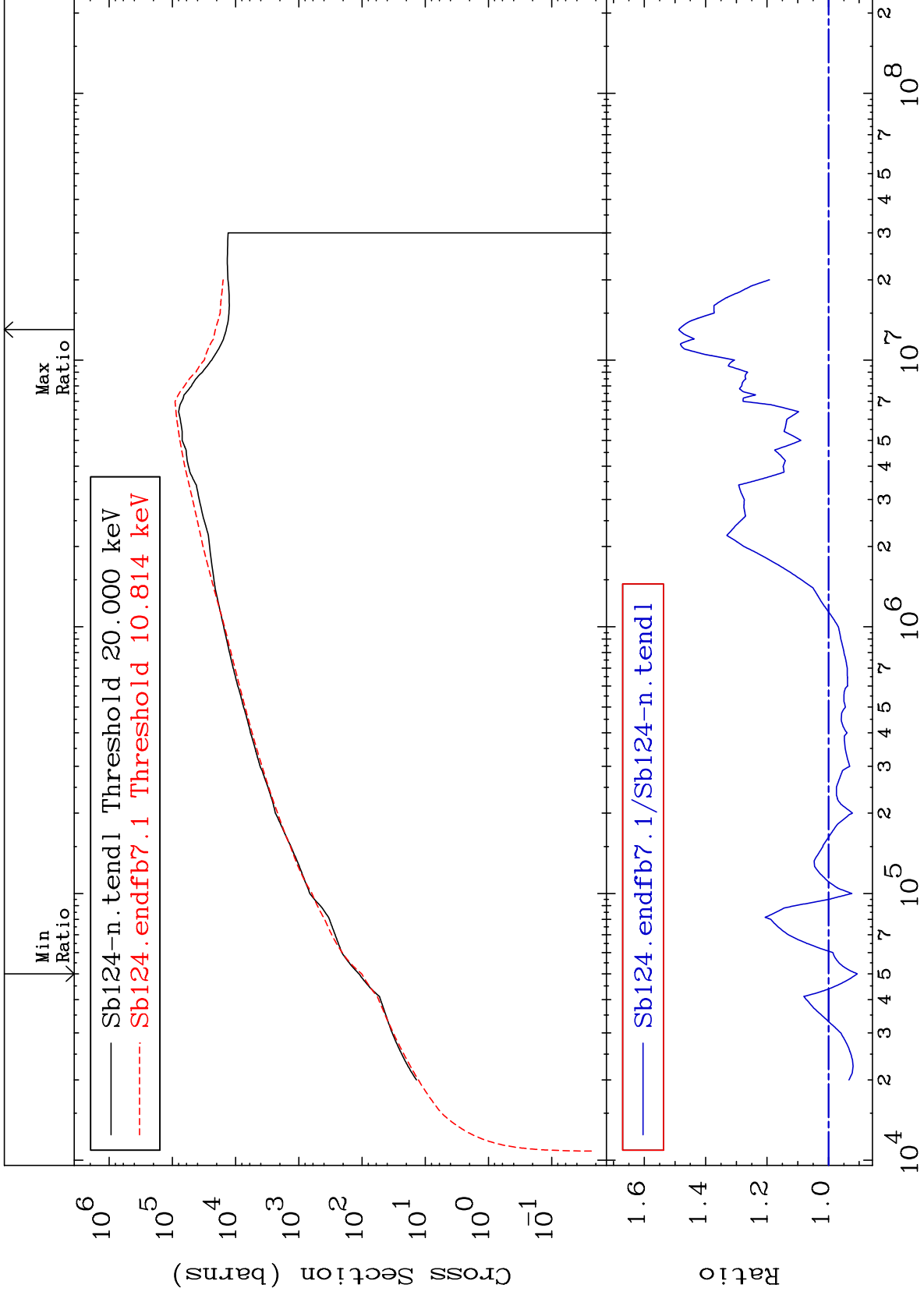
Incident Energy (eV)

51-Sb-124

MAT 5134

Dpa inelastic (mt51-91)  
Cross Section

51-Sb-124  
-9.371 To 48.81 %



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Incident Energy (eV)

51-Sb-124

MAT 5134

Dpa disappearance (mt102 -120)  
Cross Section

51-Sb-124  
-85.72 To 9999. %

