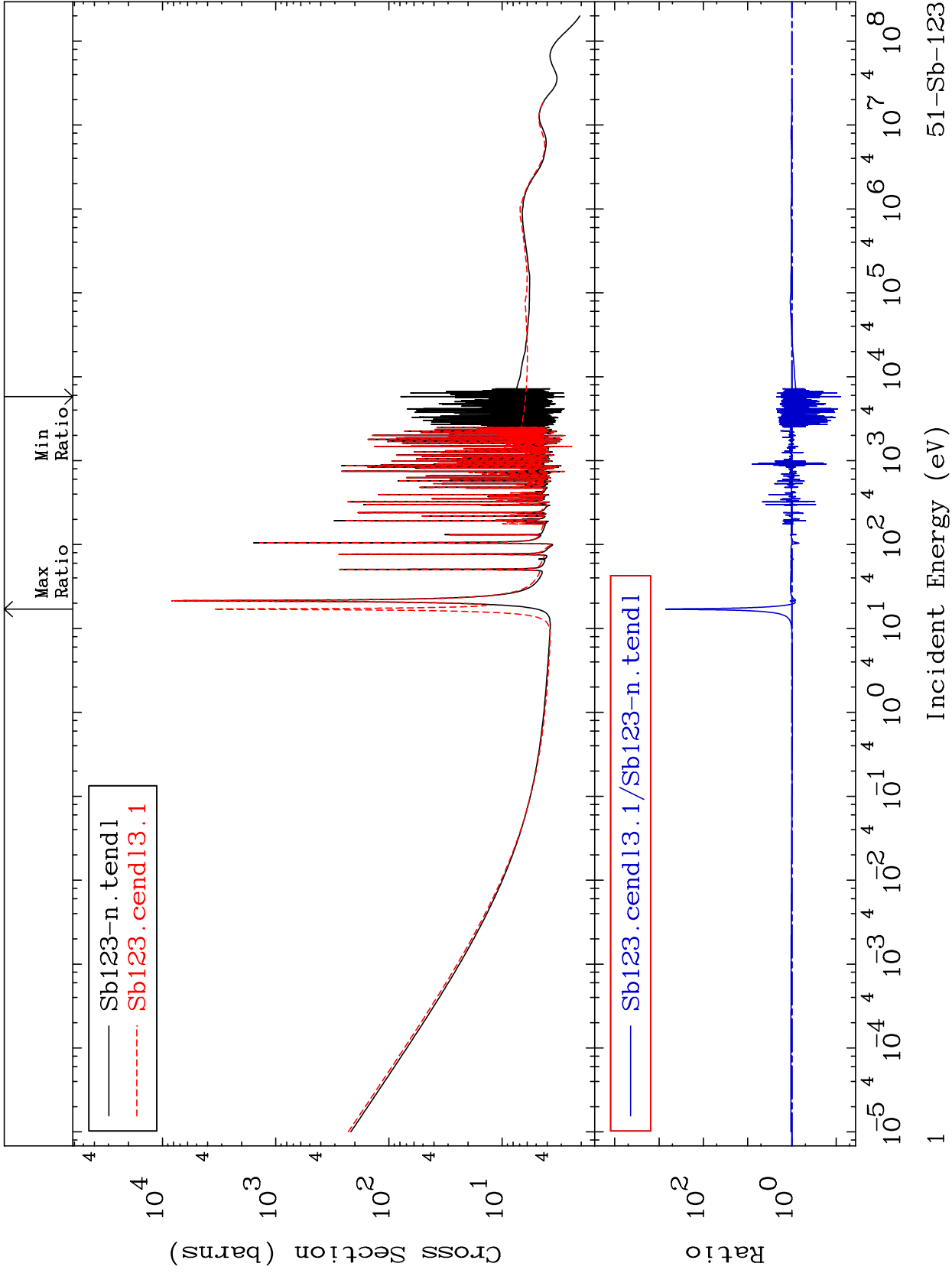


MAT 5131

Total Cross Section
51-Sb-123
-92.05 To 9999. %

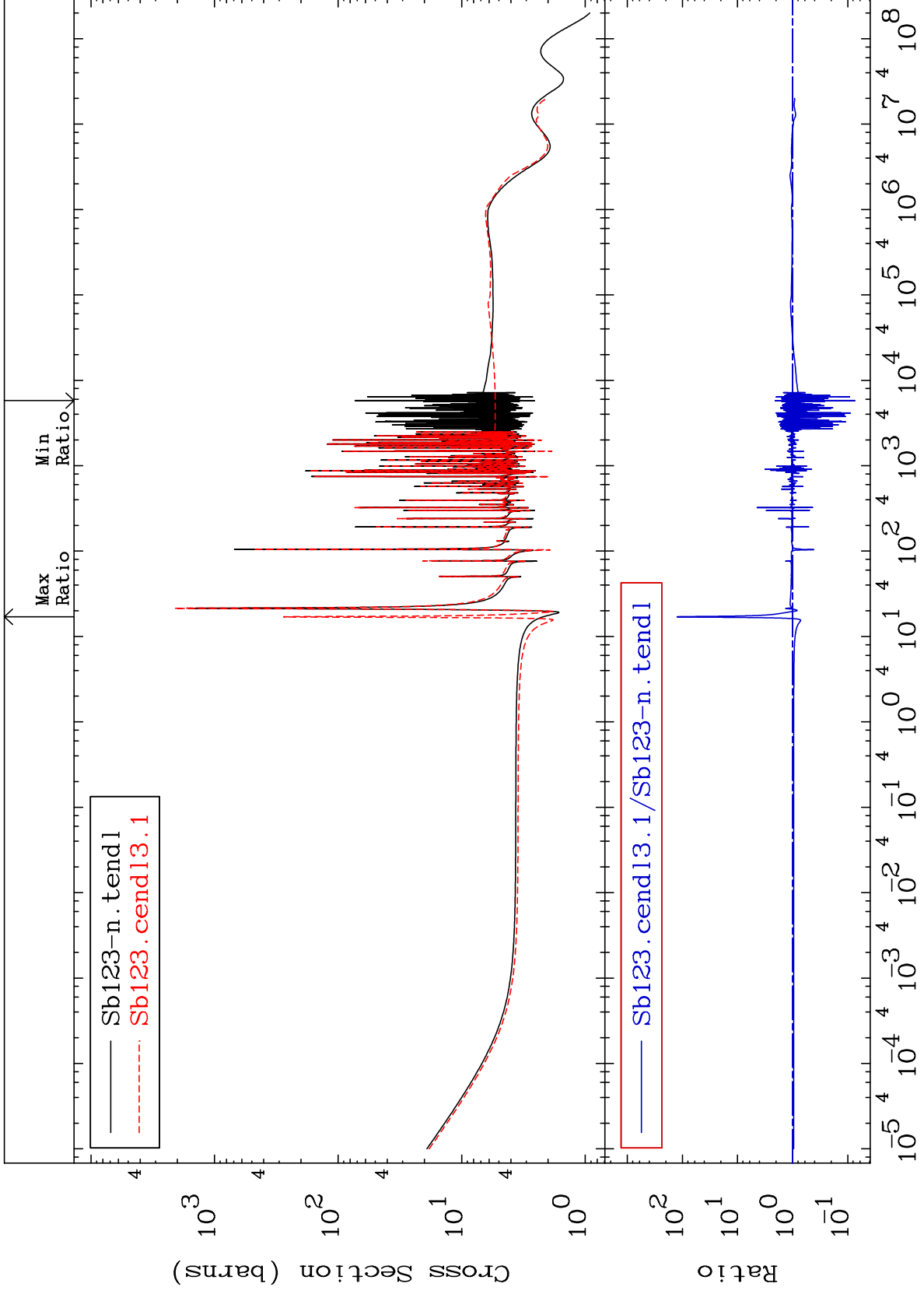


51-Sb-123

MAT 5131

Elastic
Cross Section

51-Sb-123
-92.65 To 9999. %



Incident Energy (eV)

51-Sb-123

2

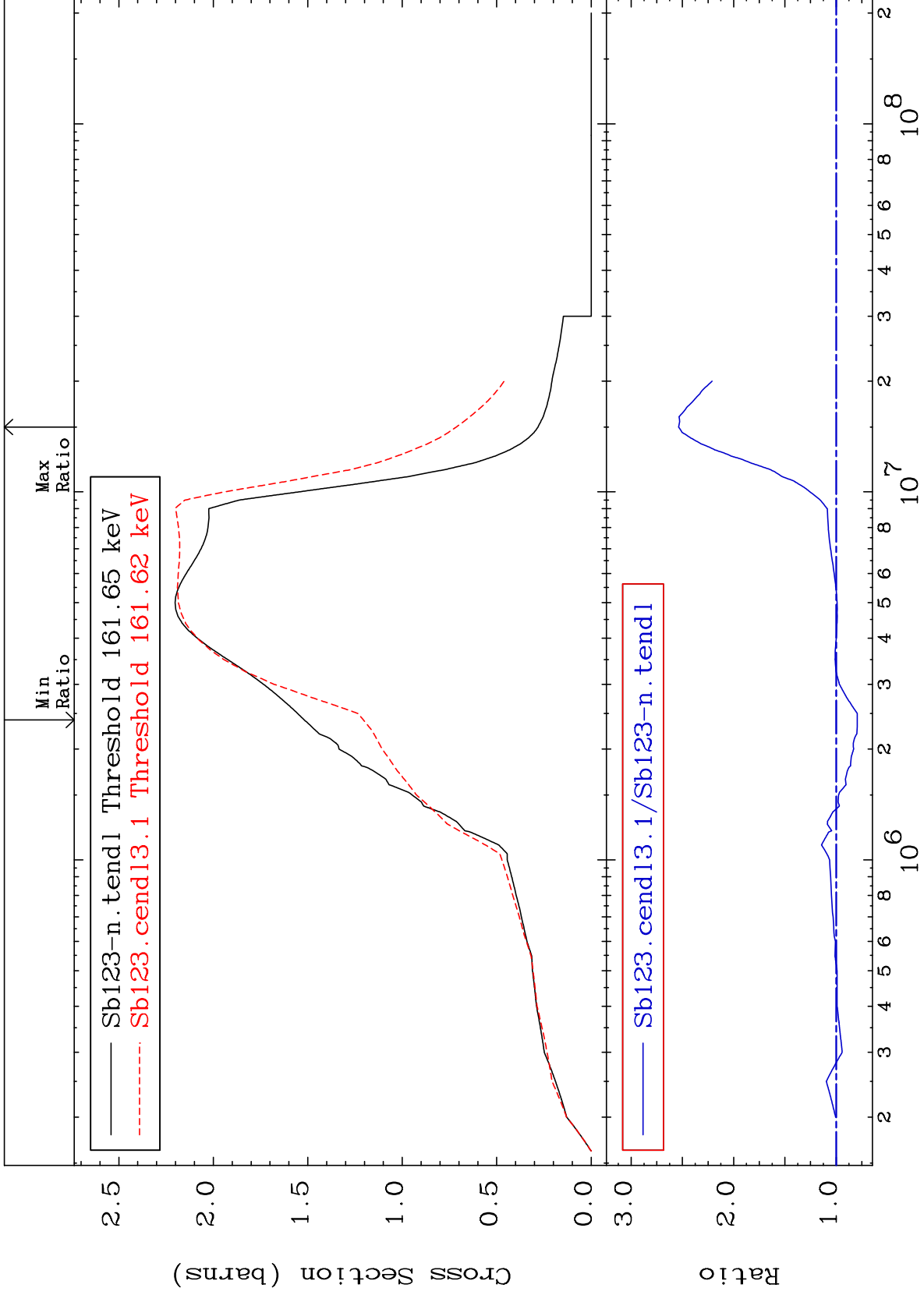
MAT 5131

Inelastic

51-Sb-123

Cross Section

-20.59 To 153.7 %



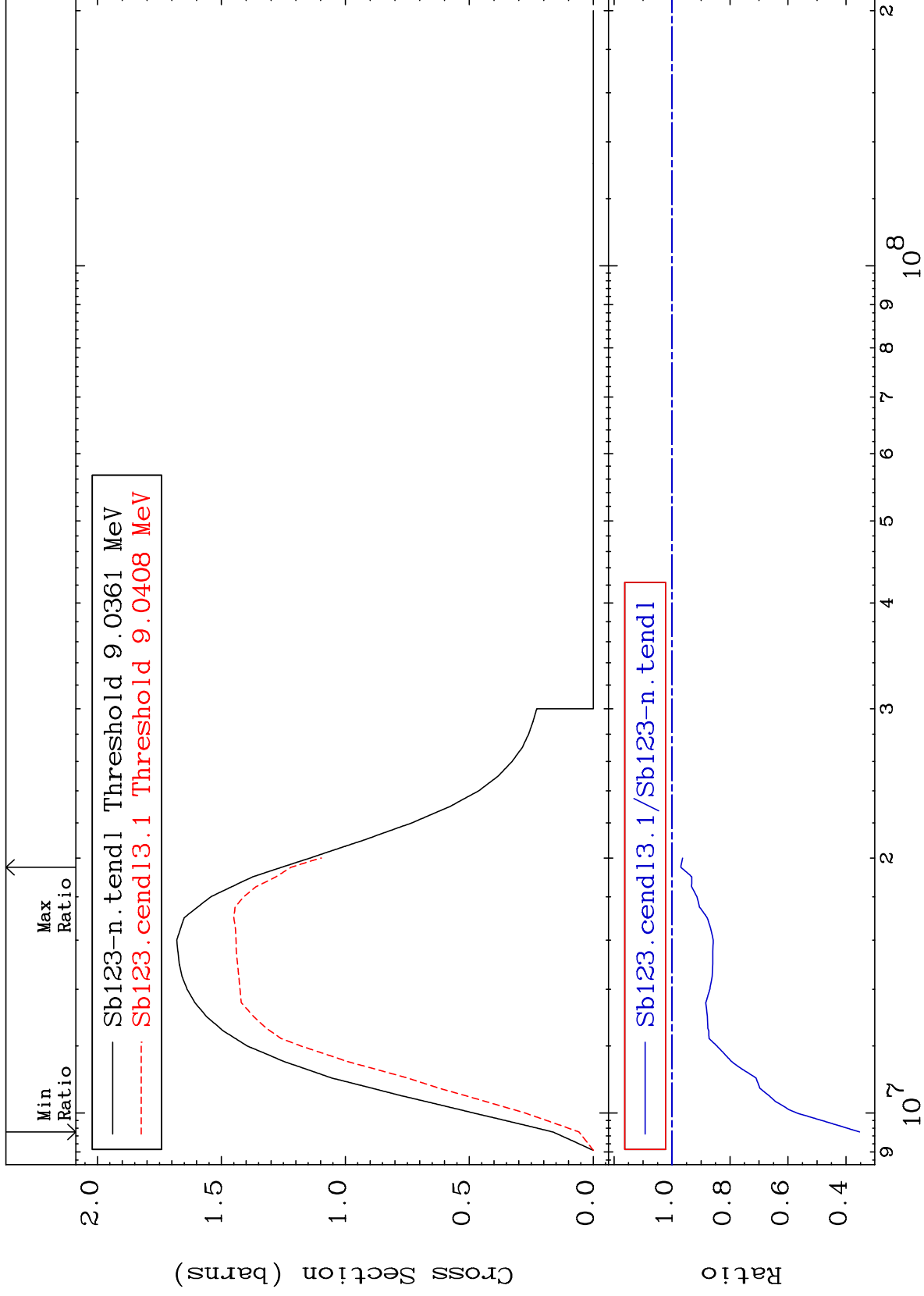
MAT 5131

(n,2n)

51-Sb-123

Cross Section

-64.66 To -3.015%



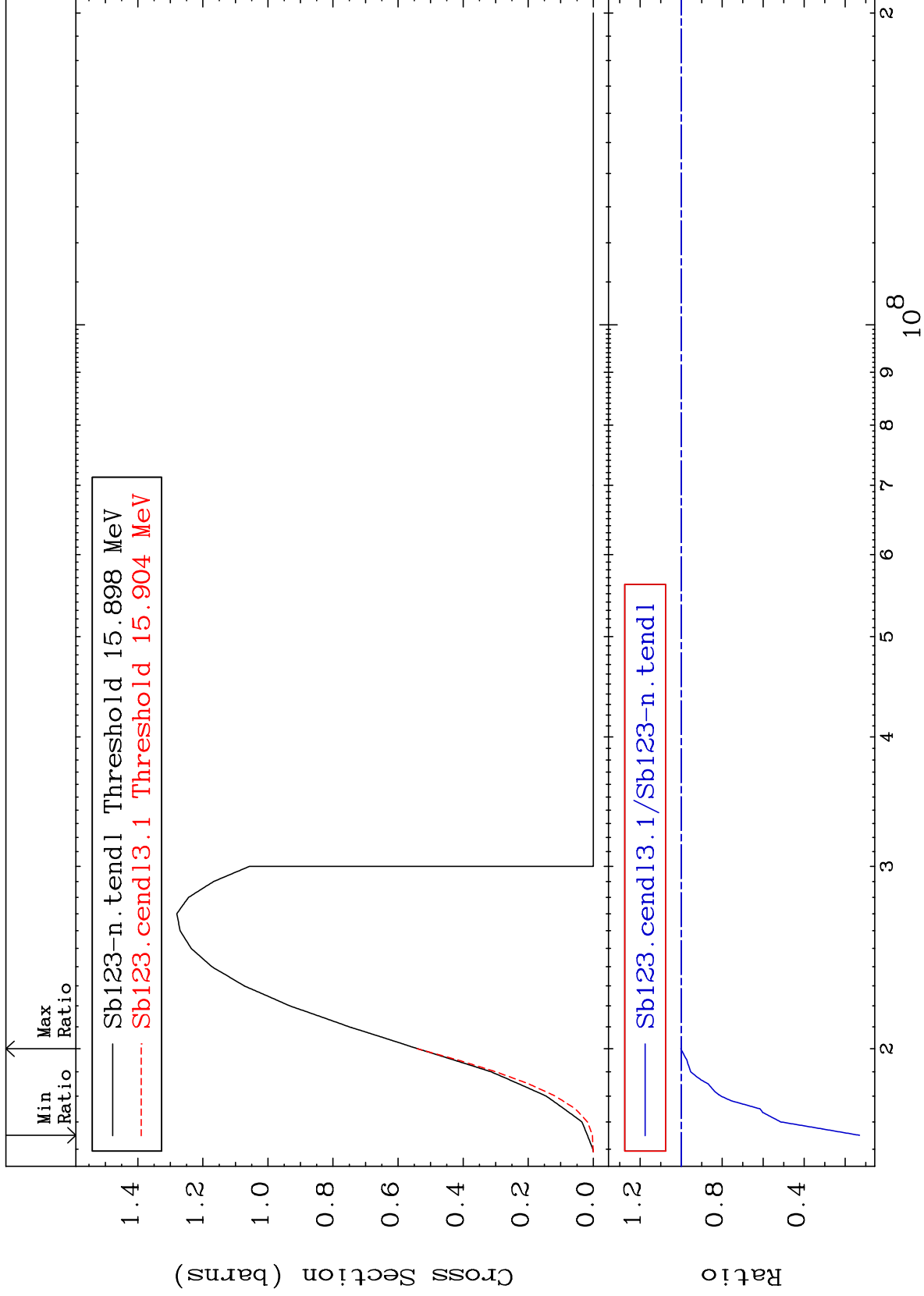
51-Sb-123

51-Sb-123

MAT 5131

(n,3n)
Cross Section

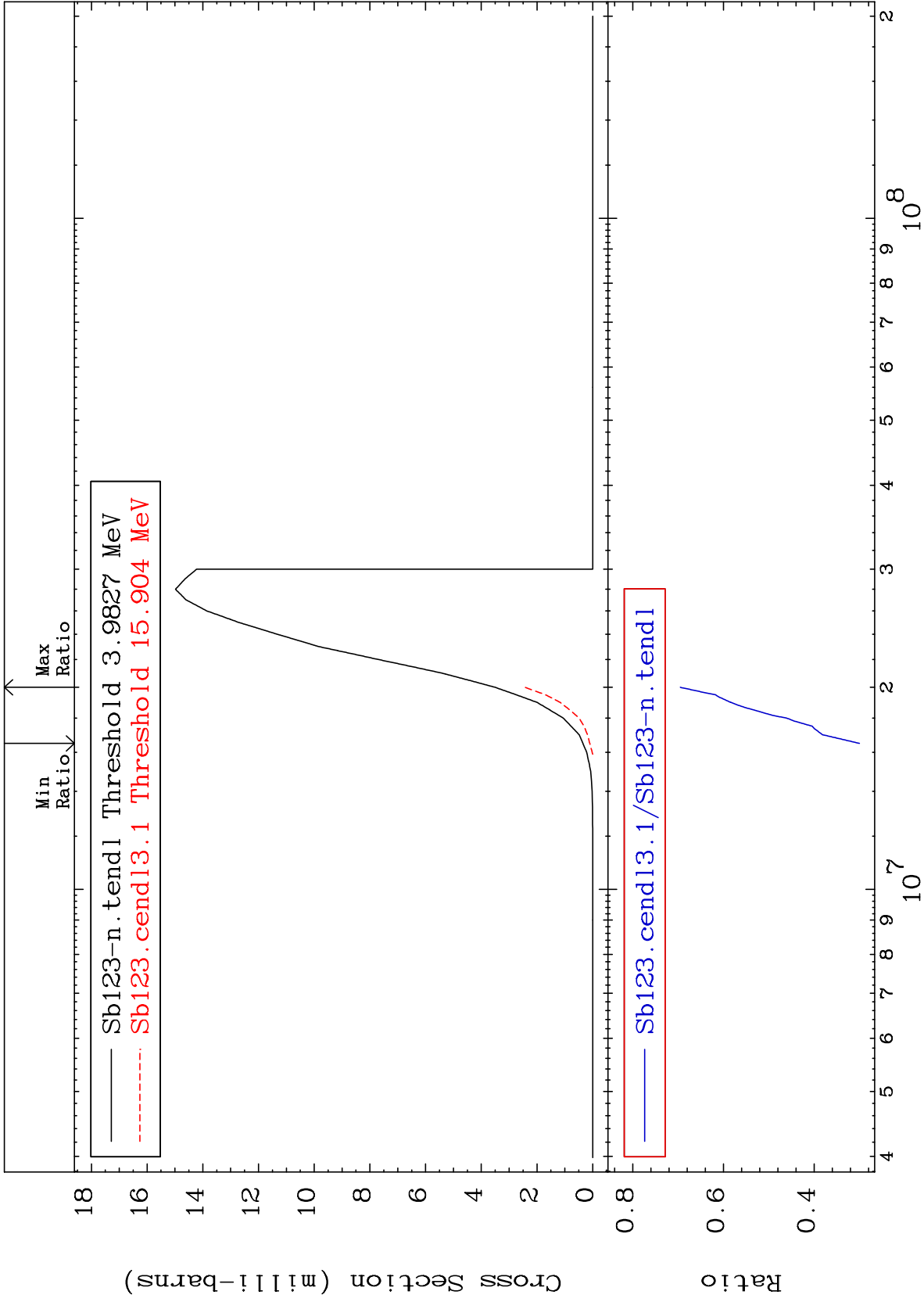
51-Sb-123
-87.00 To 0.187 %



MAT 5131

51-Sb-123
-69.99 To -30.50%

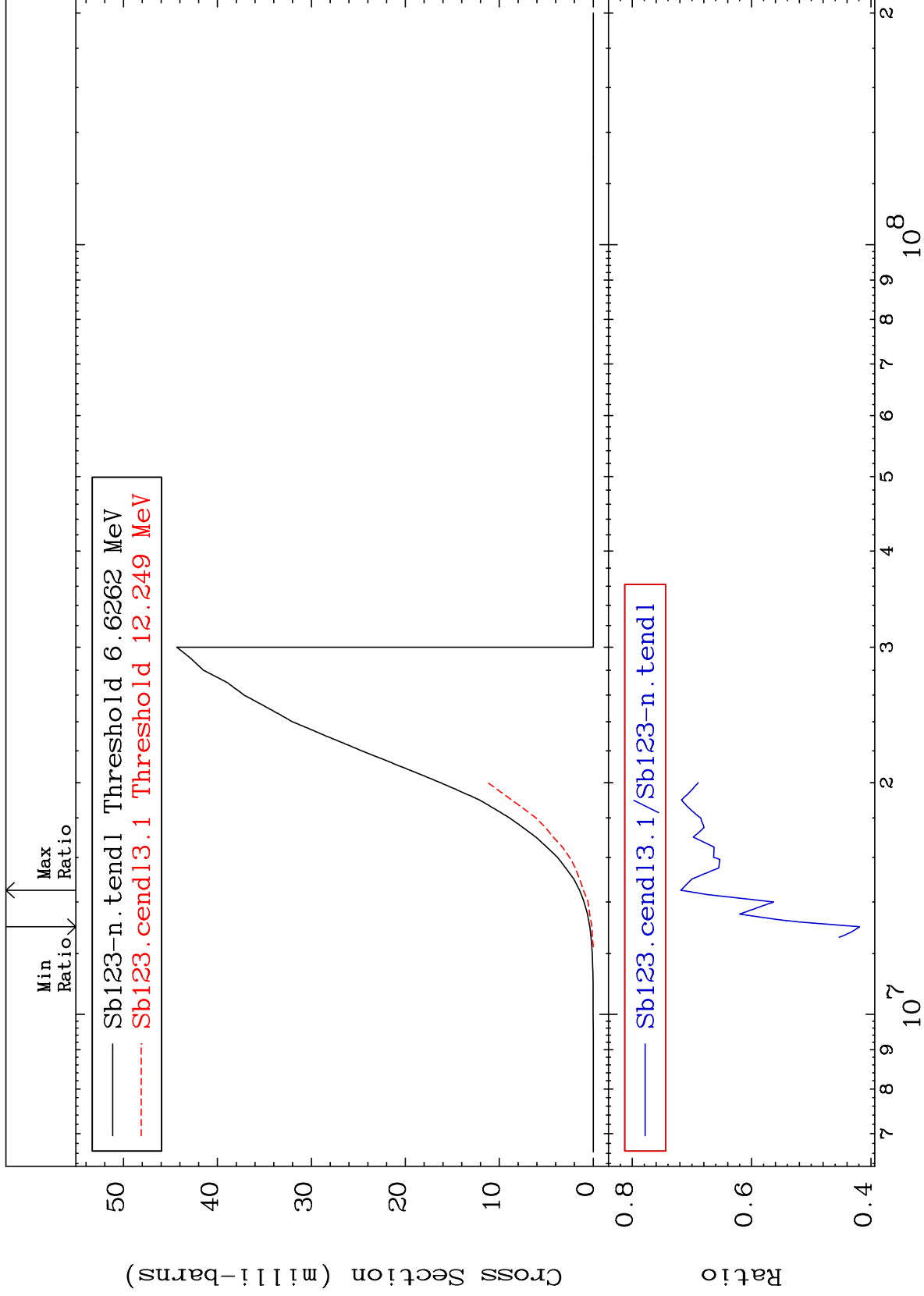
(n, n') α
Cross Section



MAT 5131

(n,n') p
Cross Section

51-Sb-123
-58.10 To -28.13%



7

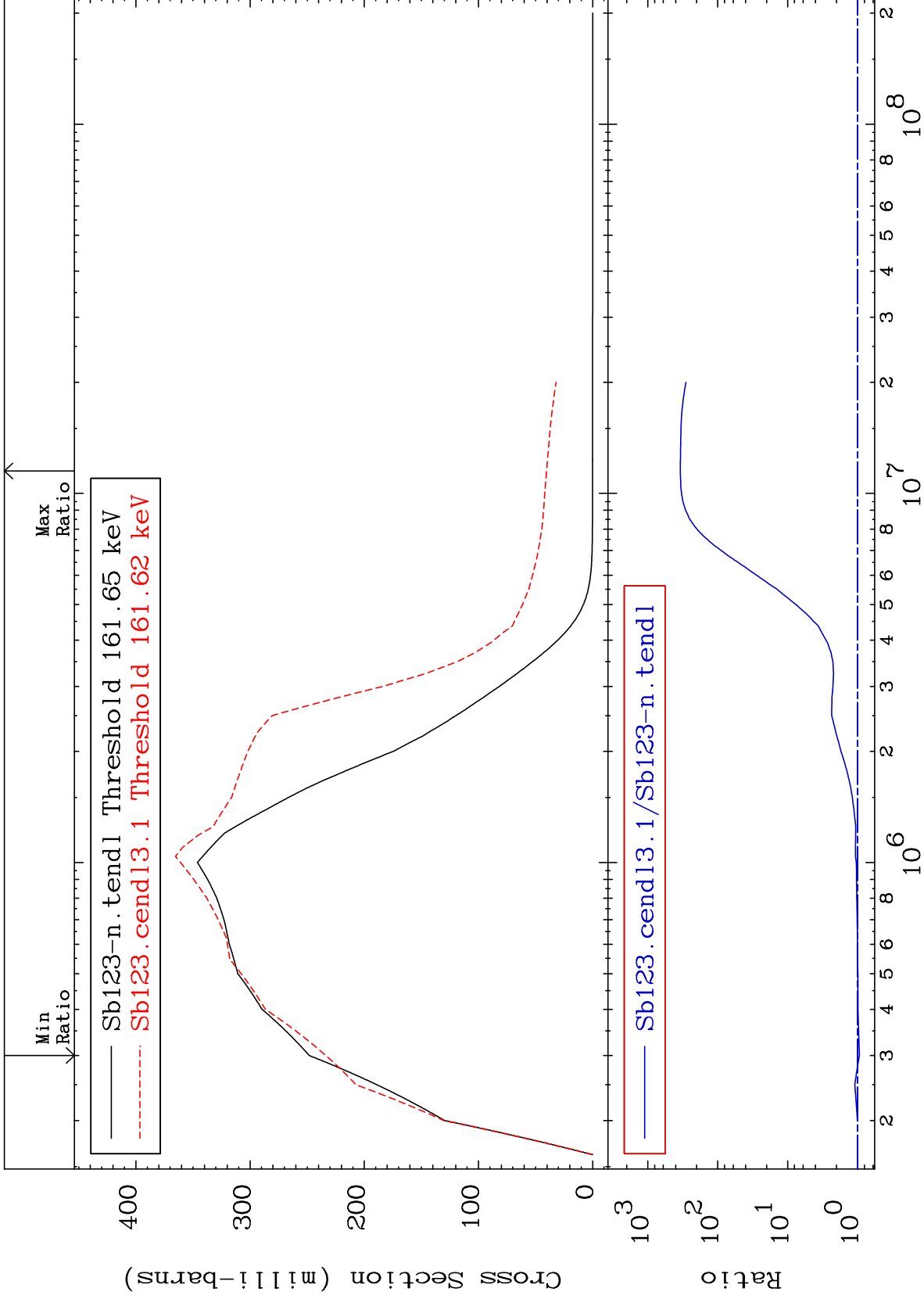
Incident Energy (eV)

51-Sb-123

MAT 5131

160.3 keV (n,n') Level
Cross Section

51-Sb-123
-5.870 To 9999. %



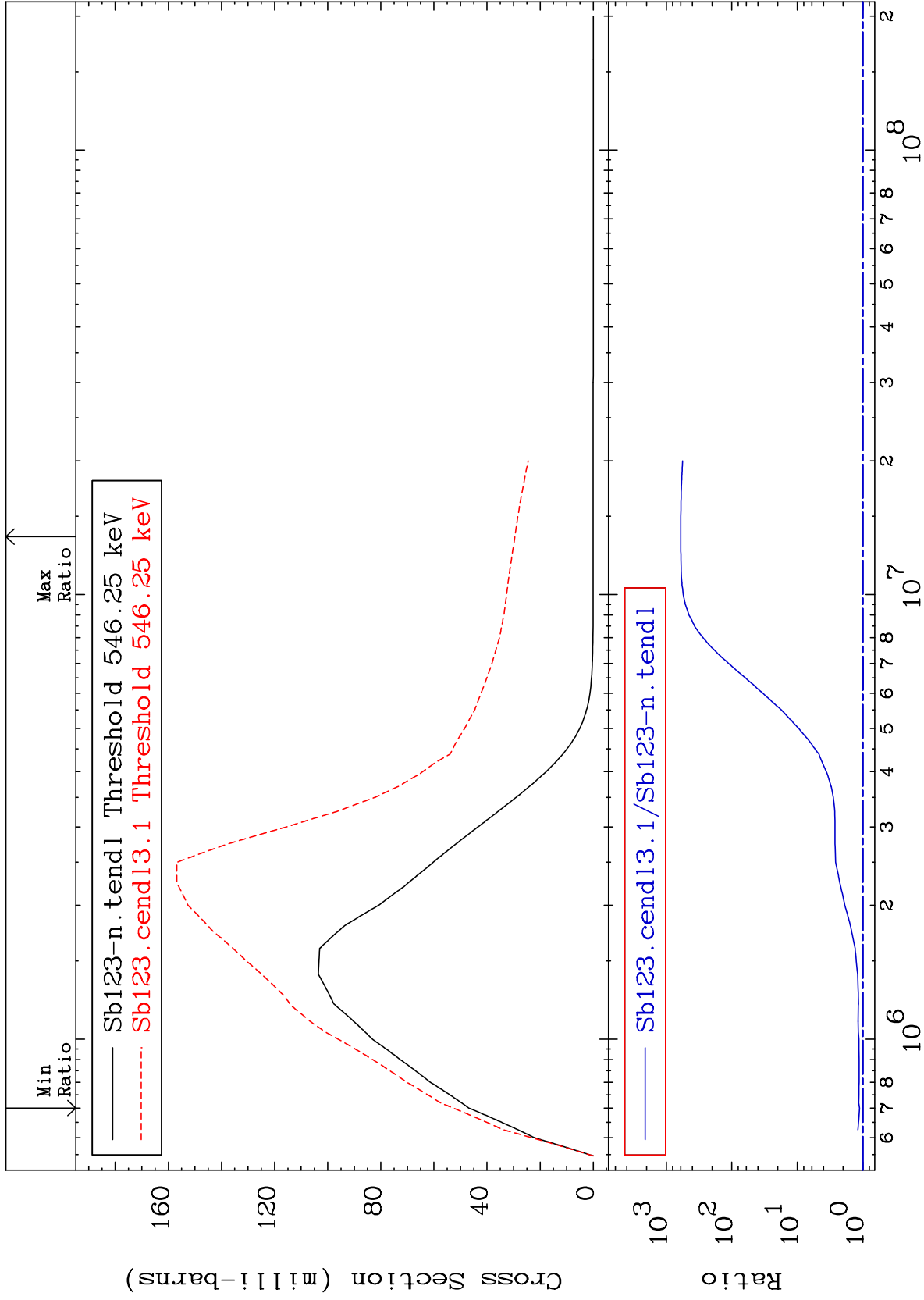
MAT 5131

541.8 keV (n,n') Level

51-Sb-123

12.59 To 9999. %

Cross Section



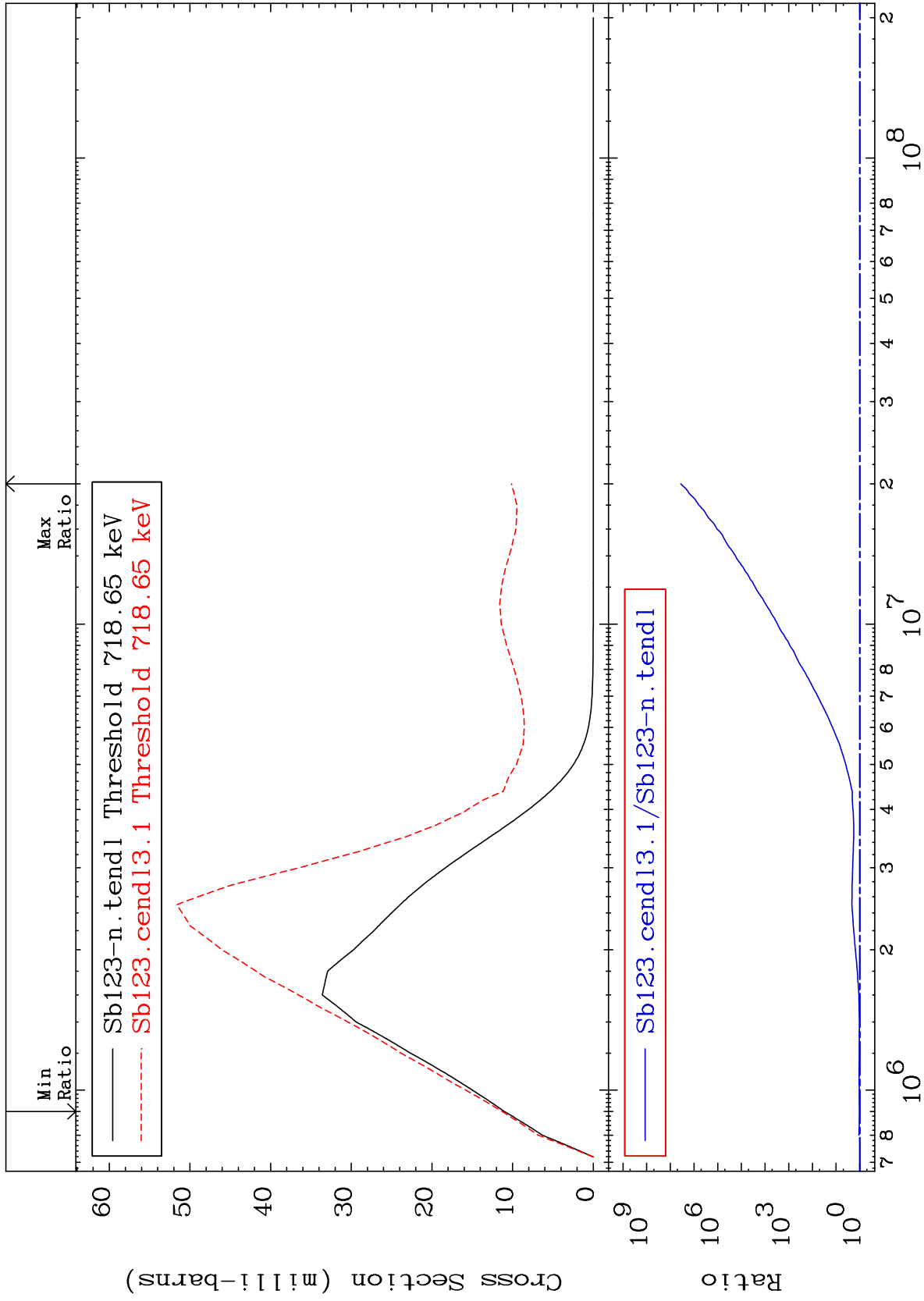
MAT 5131

712.8 keV (n,n') Level

51-Sb-123

2.526 To 9999. %

Cross Section



10

Incident Energy (eV)

51-Sb-123

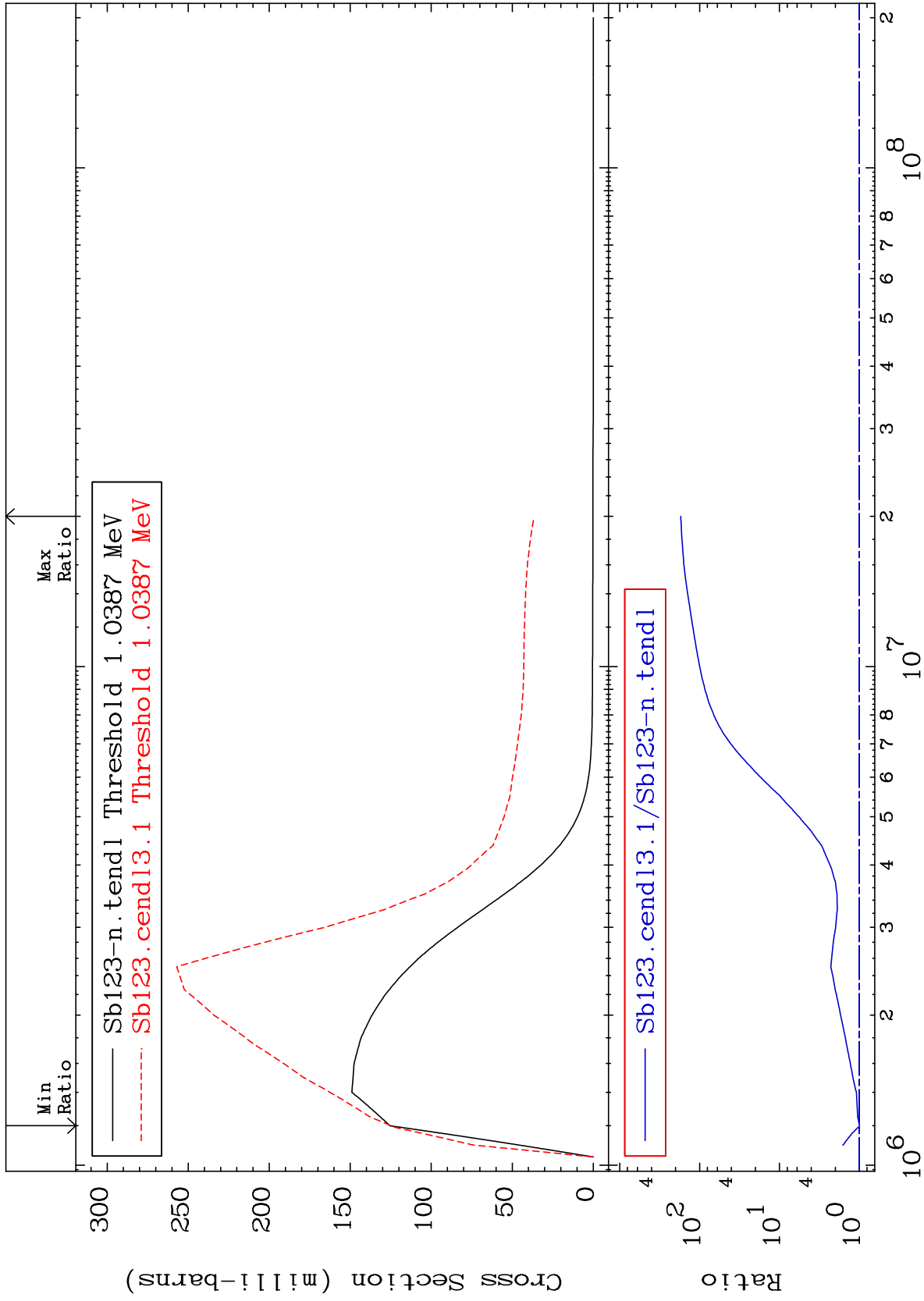
MAT 5131

1.030 MeV (n,n') Level

51-Sb-123

-0.578 To 9999. %

Cross Section



11

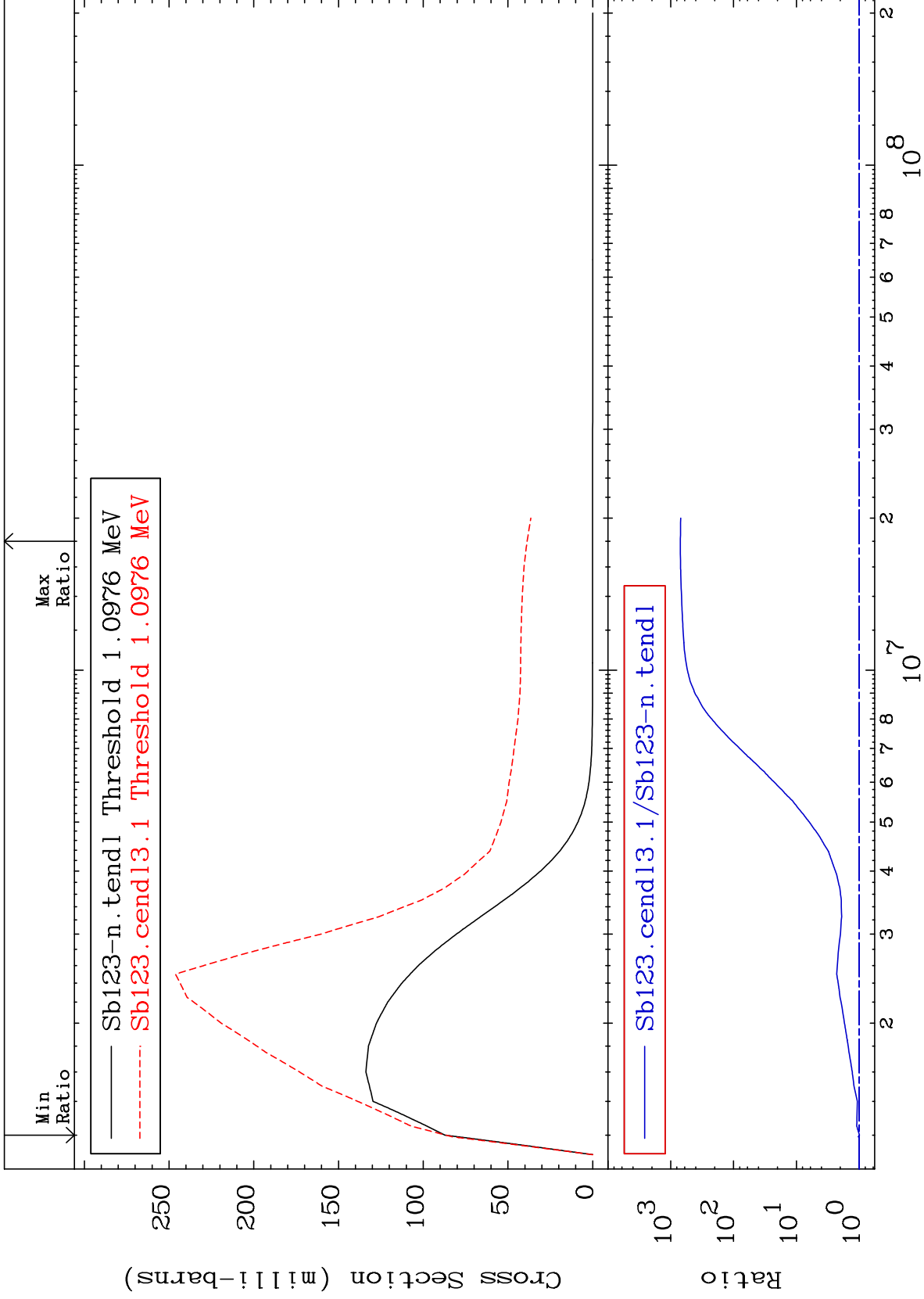
Incident Energy (eV)

51-Sb-123

MAT 5131

1.089 MeV (n,n') Level
Cross Section

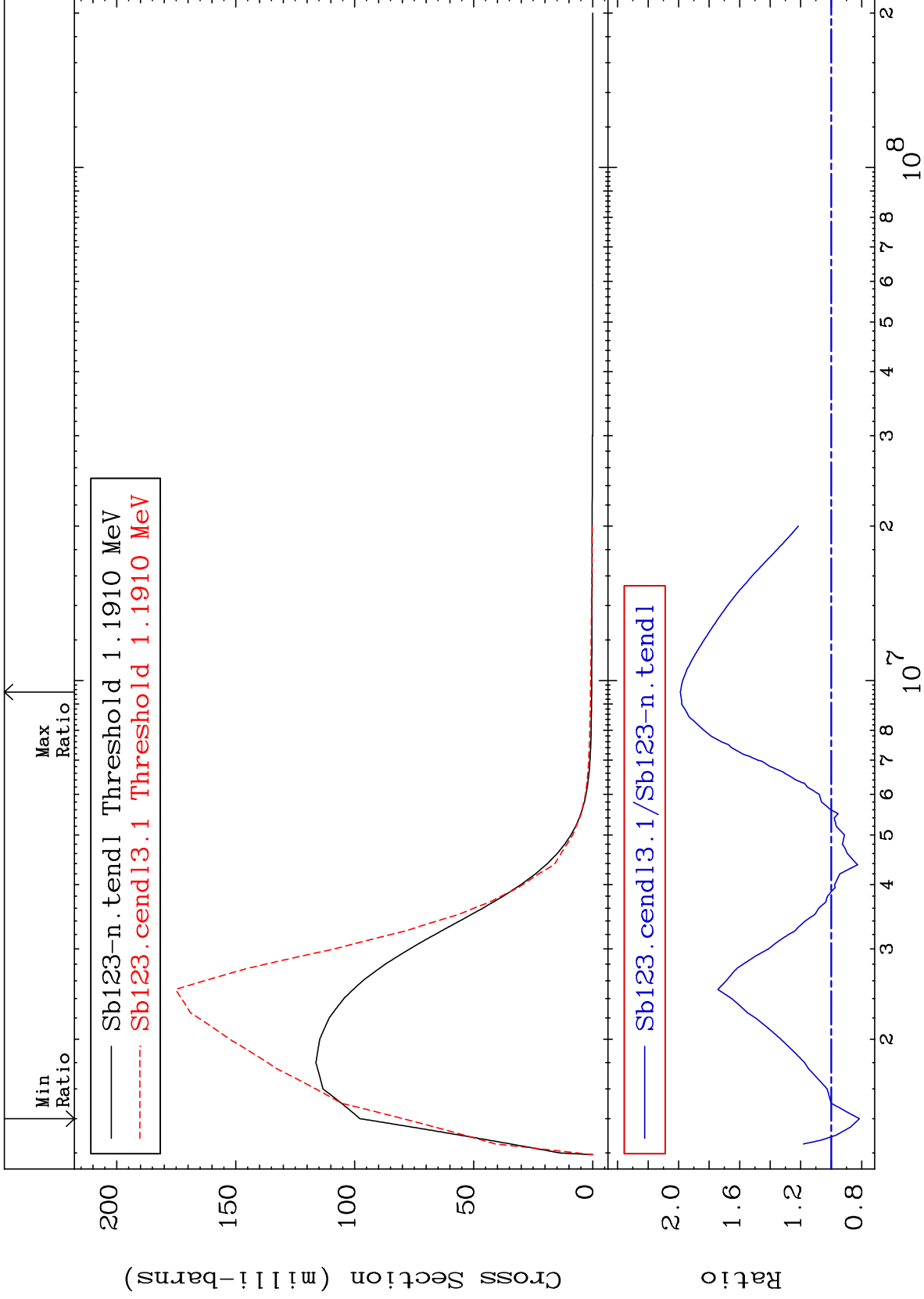
51-Sb-123
-0.721 To 9999. %



MAT 5131

1.181 MeV (n,n') Level
Cross Section

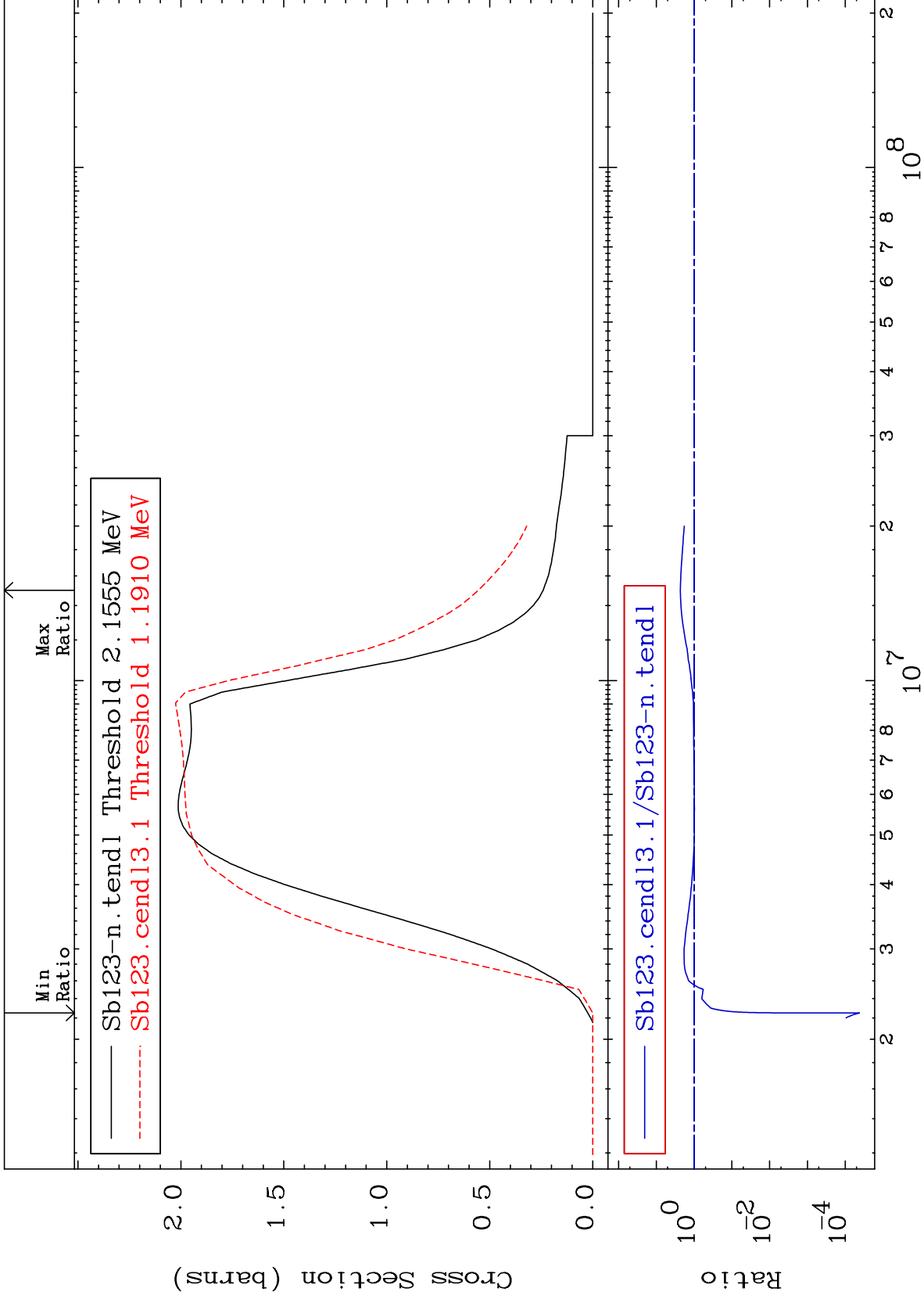
51-Sb-123
-18.51 To 98.87 %



MAT 5131

(n, n') Continuum
Cross Section

51-Sb-123
-100.0 To 130.8 %



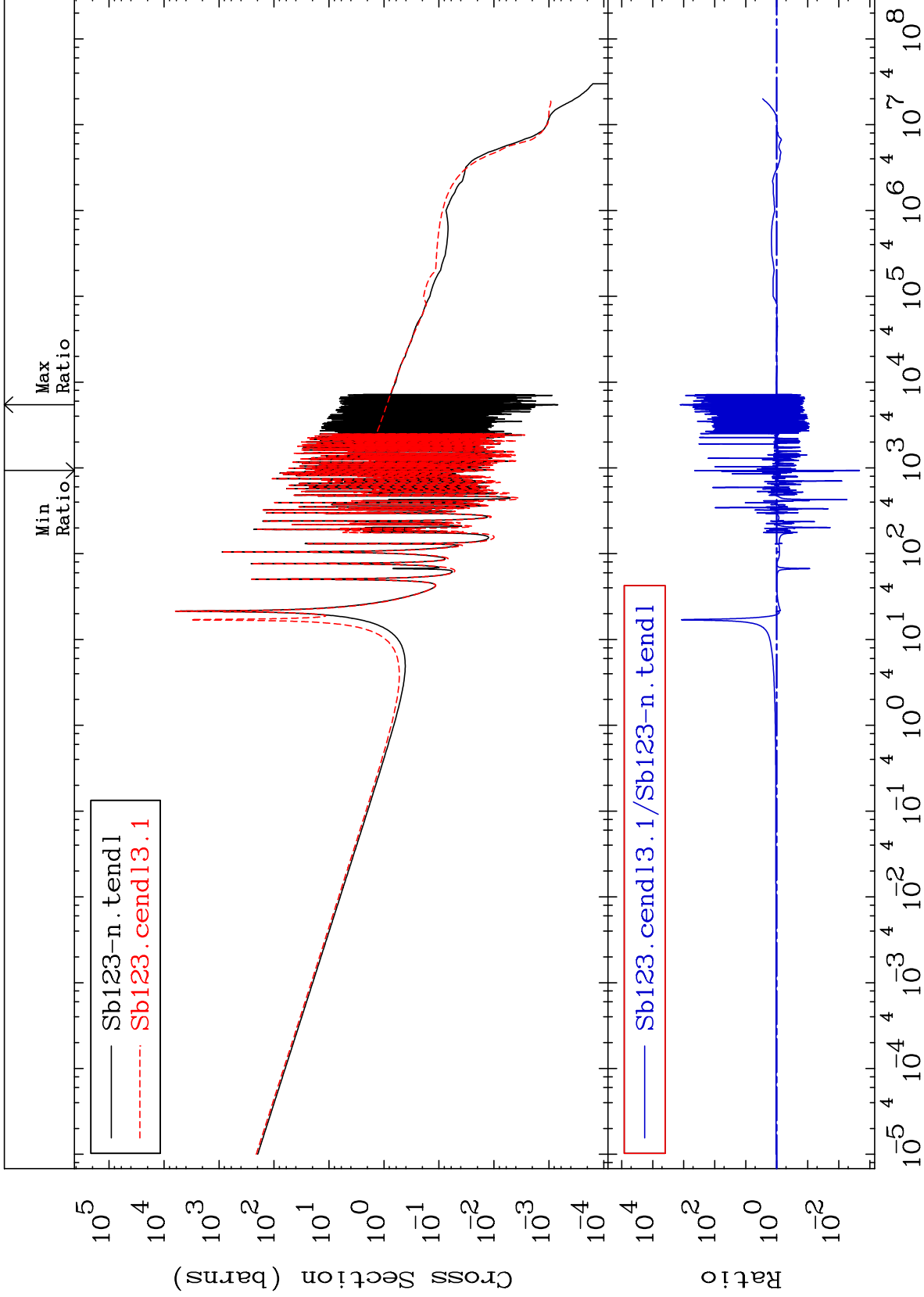
MAT 5131

51-Sb-123

-99.78 To 9999. %

(n, γ)

Cross Section



15

Incident Energy (eV)

51-Sb-123

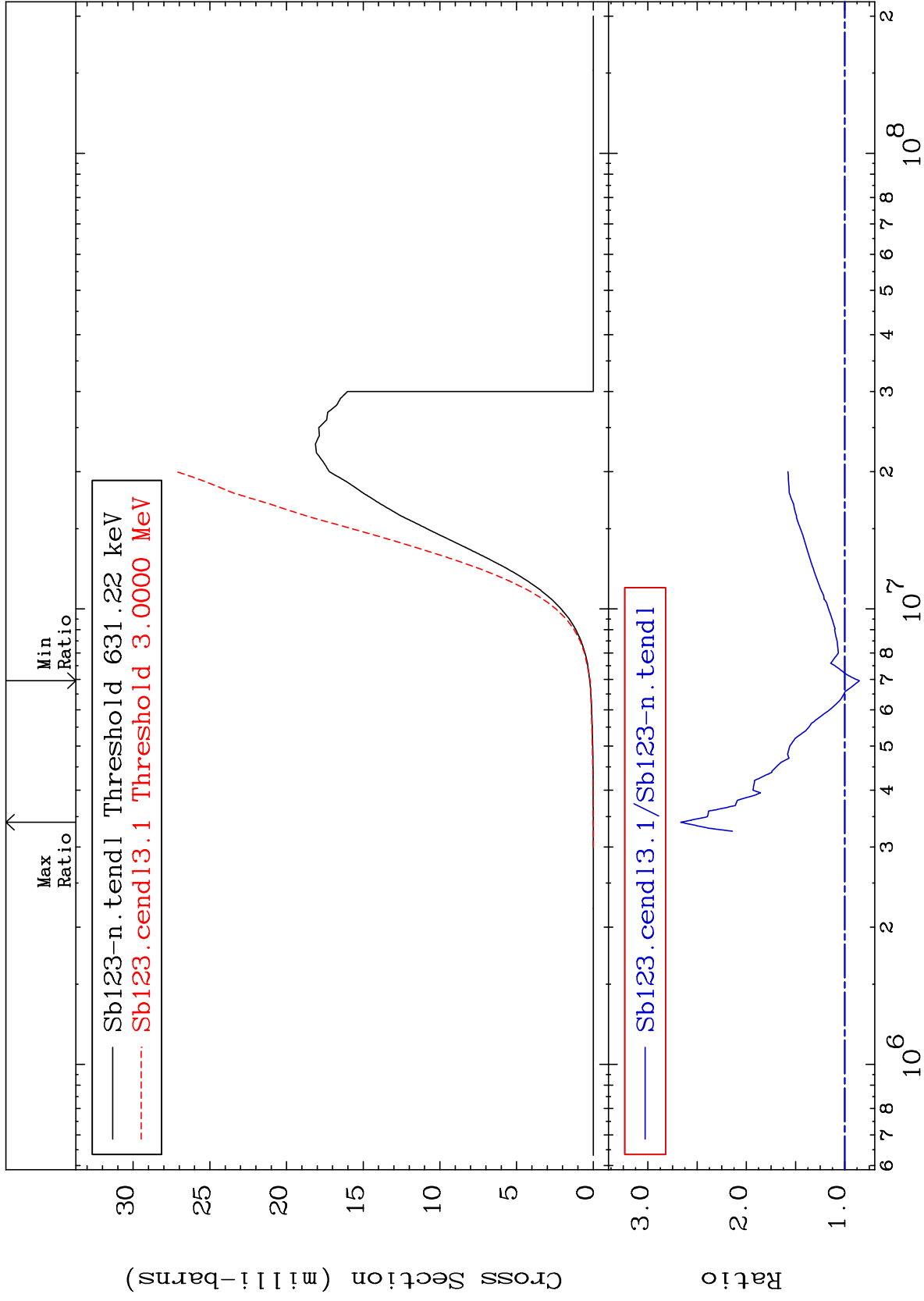
MAT 5131

(n,p)

51-Sb-123

Cross Section

-14.98 To 166.6 %



16

51-Sb-123

51-Sb-123

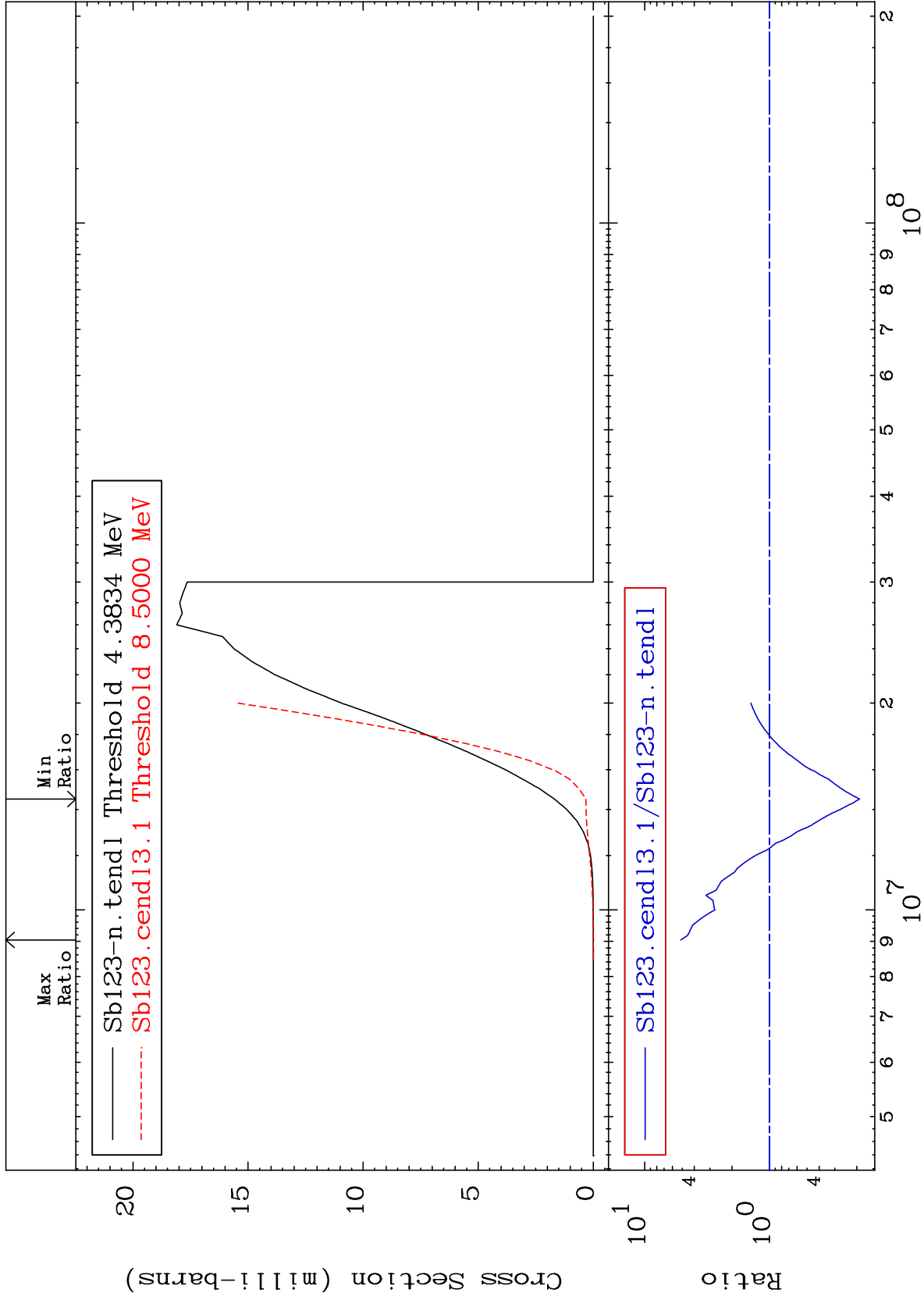
MAT 5131

(n, d)

51-Sb-123

Cross Section

-81.01 To 413.8 %



17

Incident Energy (eV)

51-Sb-123

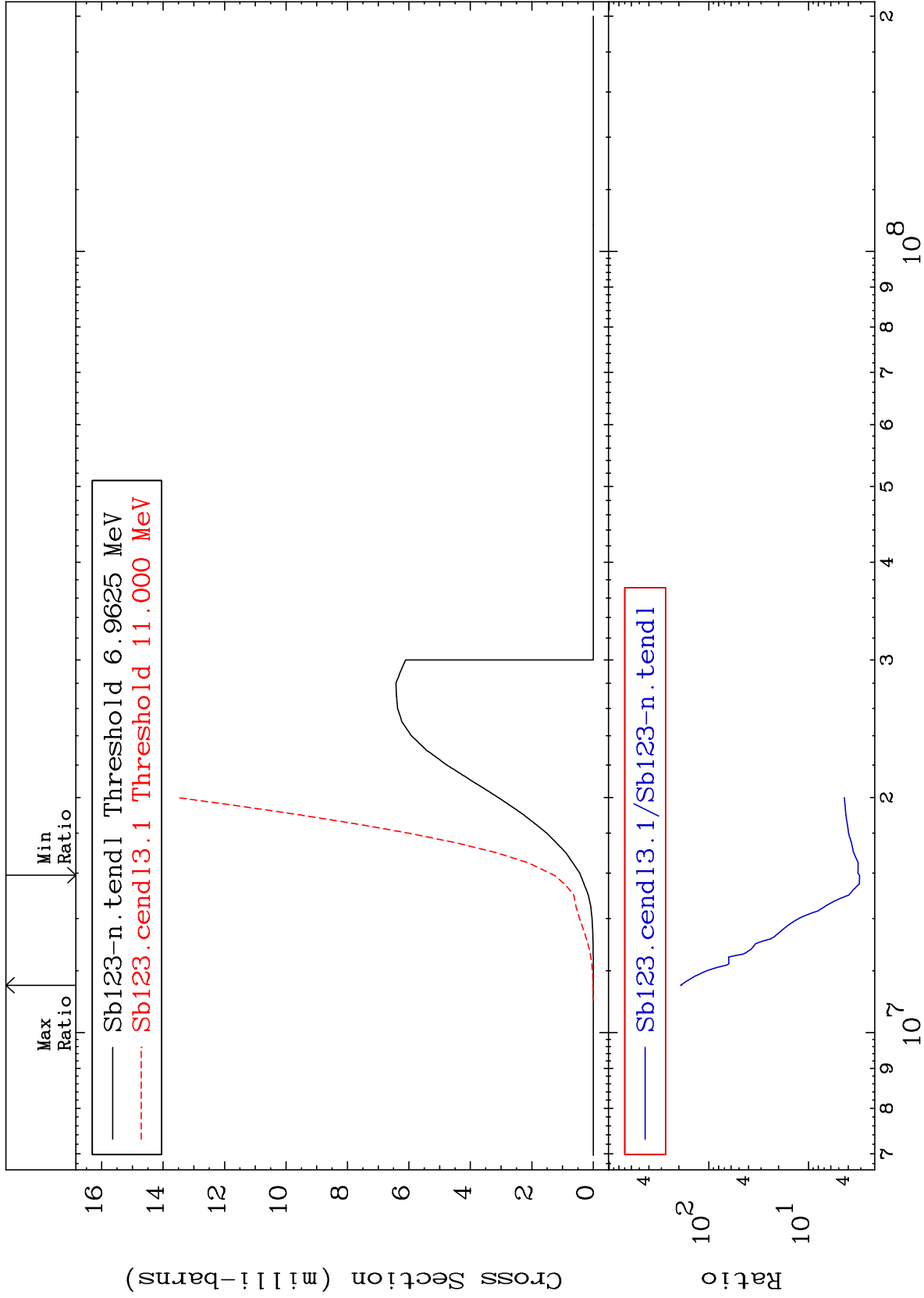
MAT 5131

(n, t)

51-Sb-123

Cross Section

208.5 To 9999. %



18

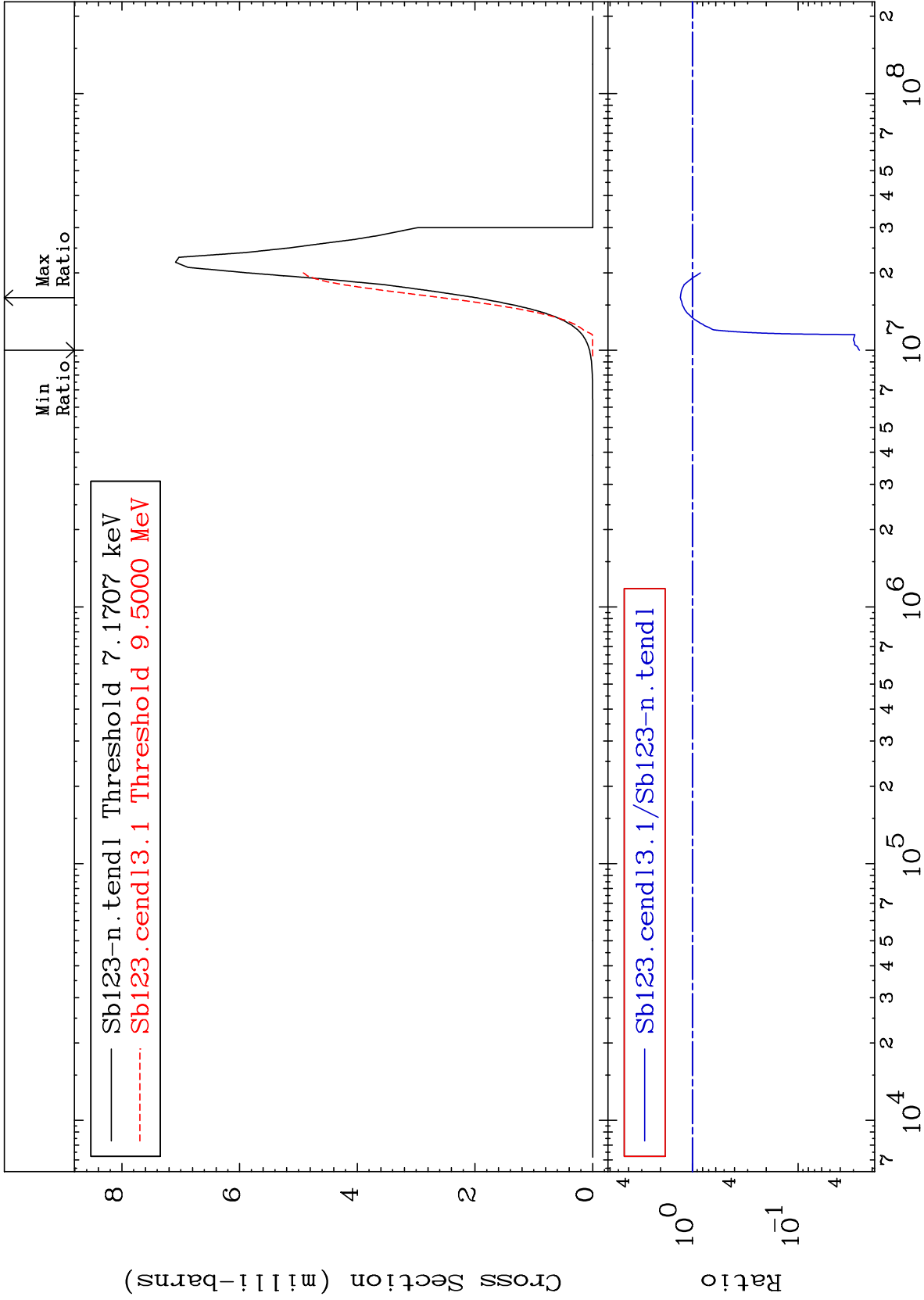
Incident Energy (eV)

51-Sb-123

MAT 5131

(n, α)
Cross Section

51-Sb-123
-97.37 To 29.74 %



19

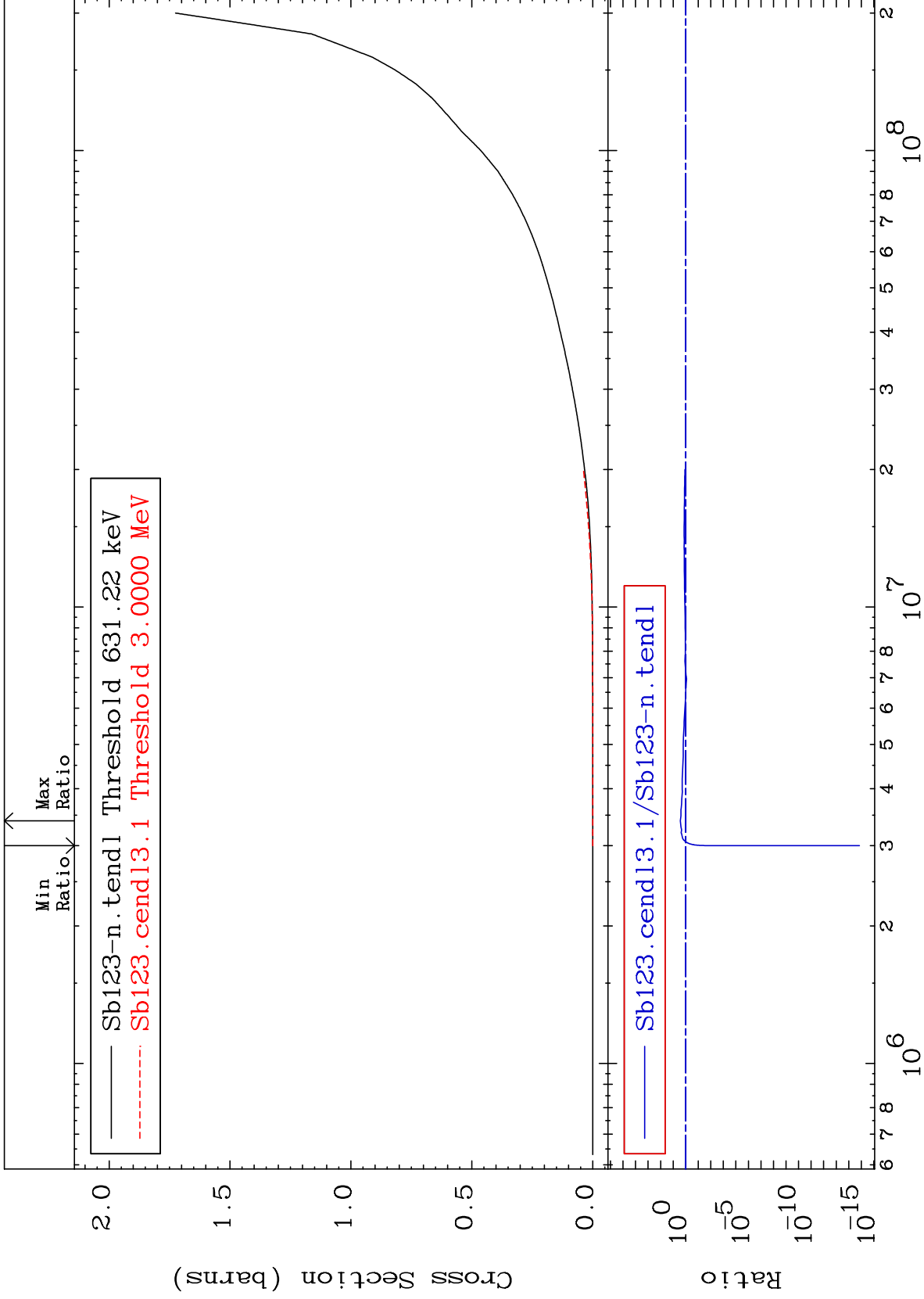
Incident Energy (eV)

51-Sb-123

MAT 5131

Hydrogen Production
Cross Section

51-Sb-123
-100.0 To 166.6 %



20

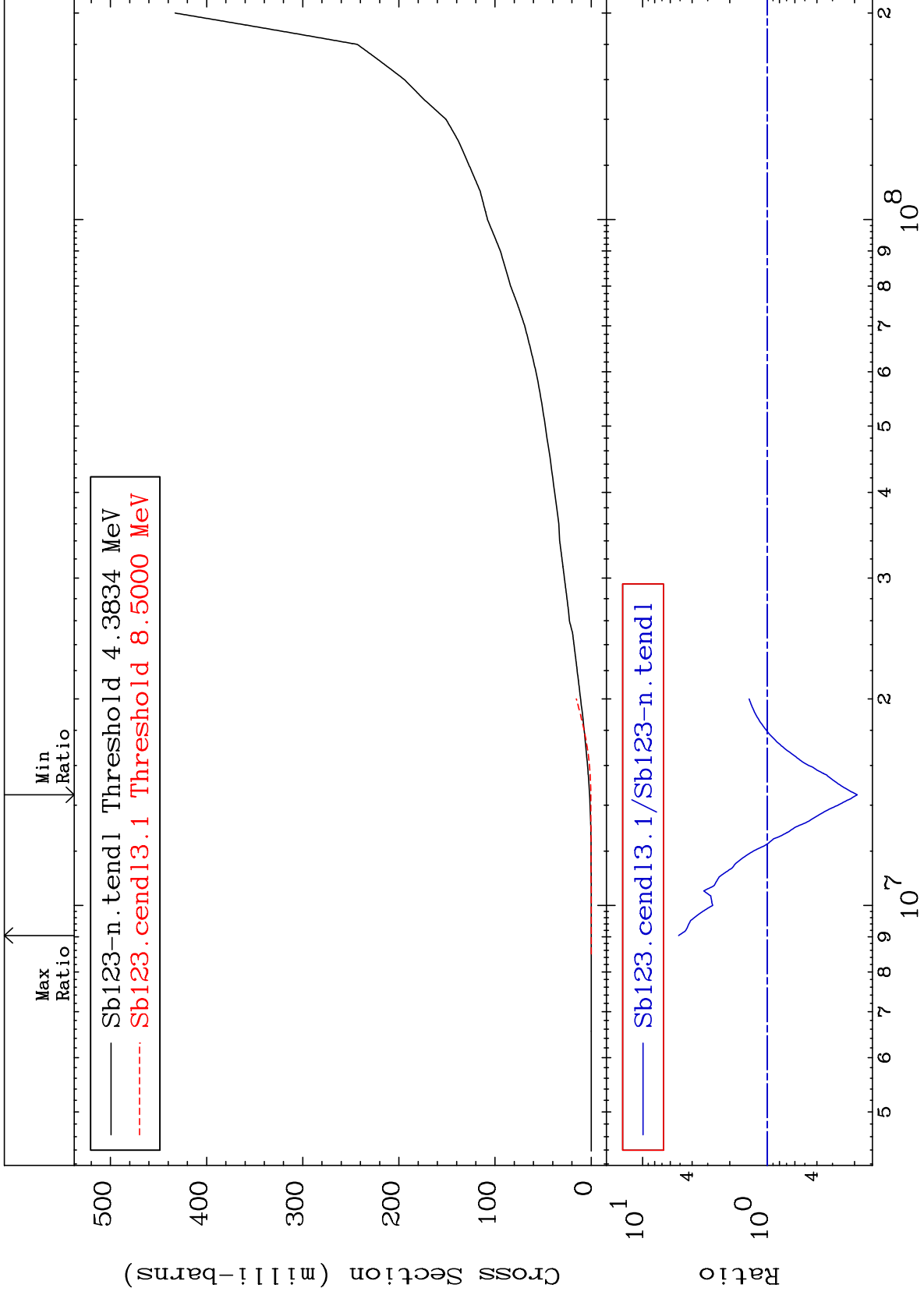
Incident Energy (eV)

51-Sb-123

MAT 5131

Deuterium Production
Cross Section

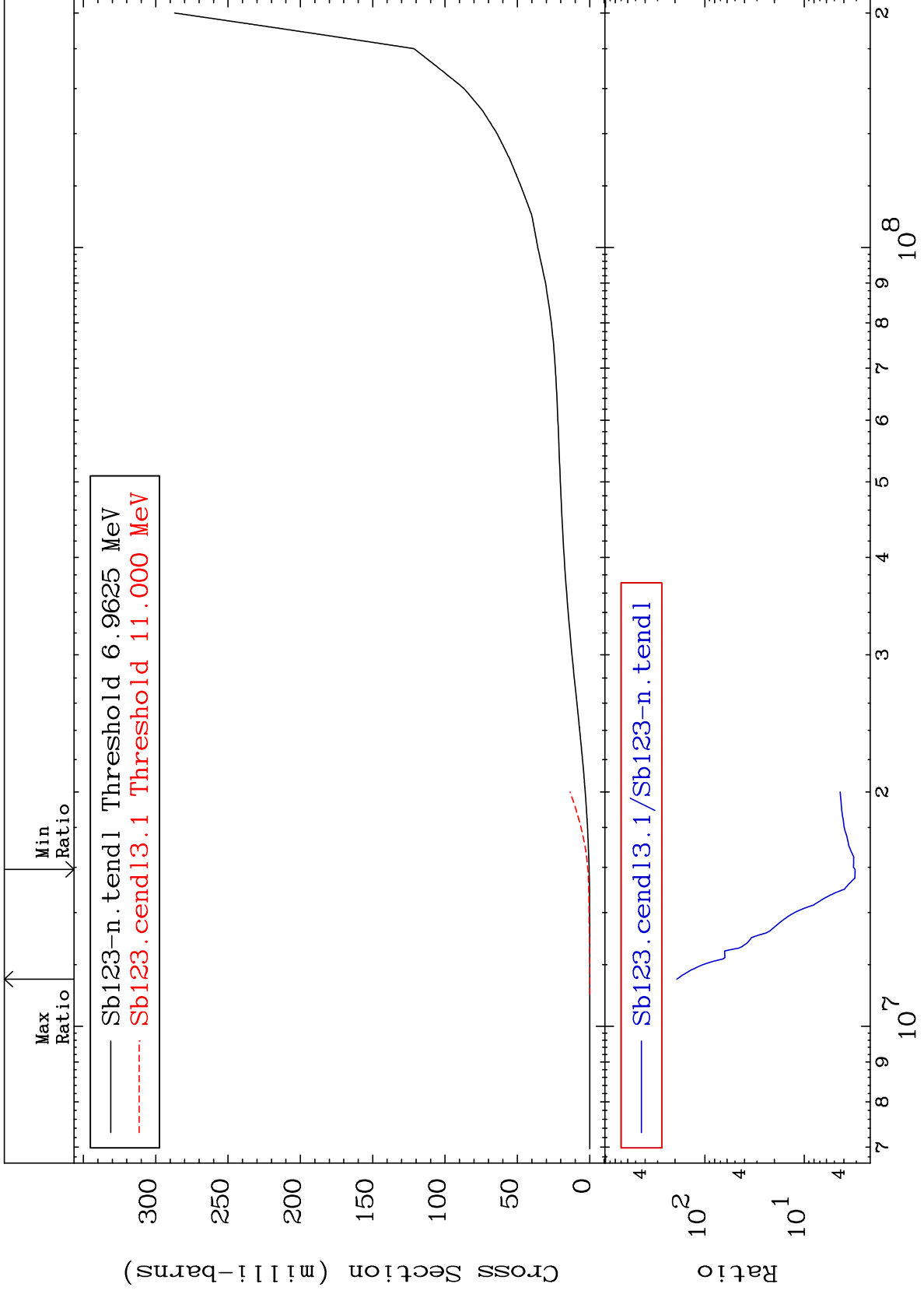
51-Sb-123
-81.01 To 413.8 %



MAT 5131

Tritium Production
Cross Section

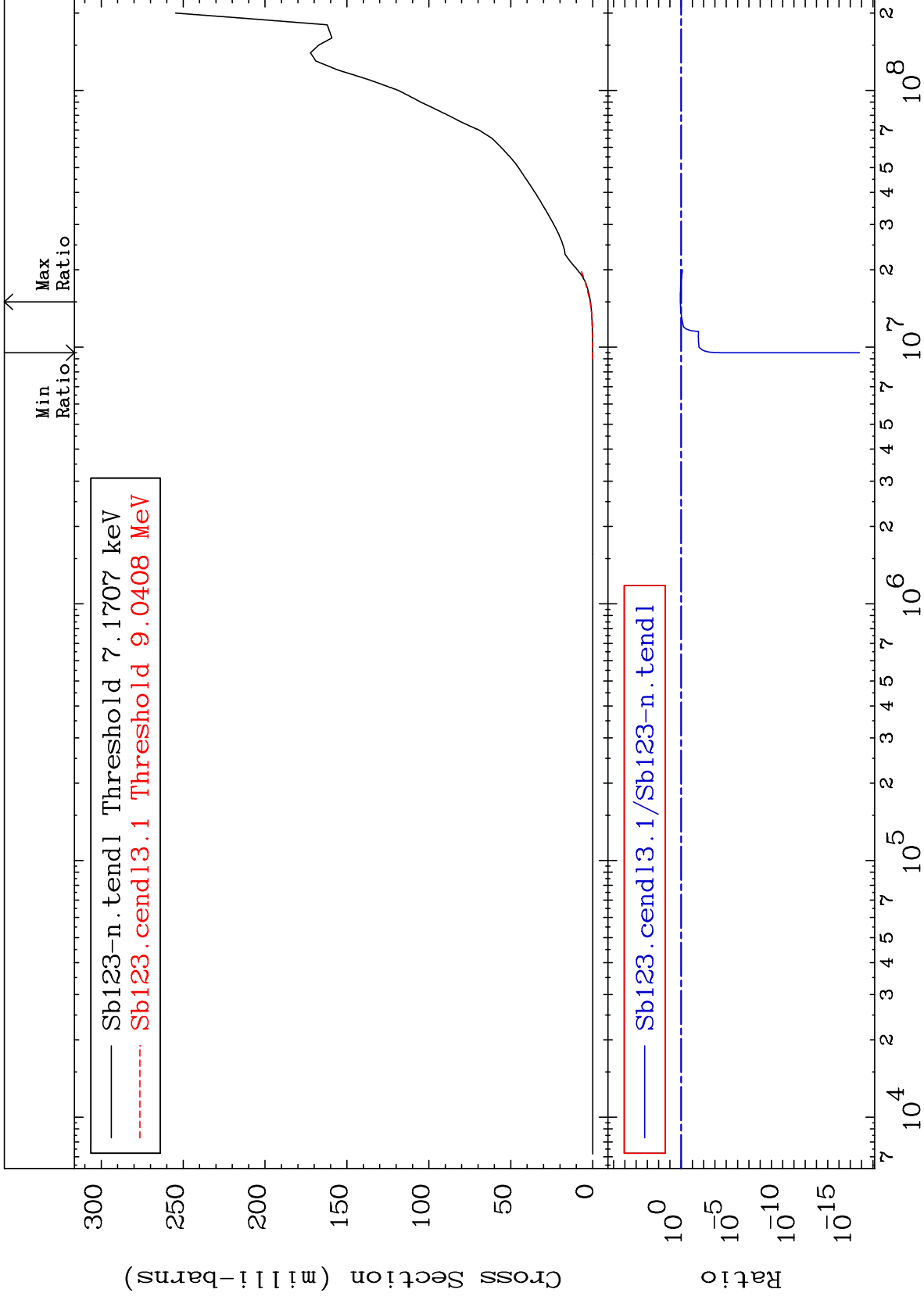
51-Sb-123
208.5 To 9999. %



MAT 5131

He-4 Production
Cross Section

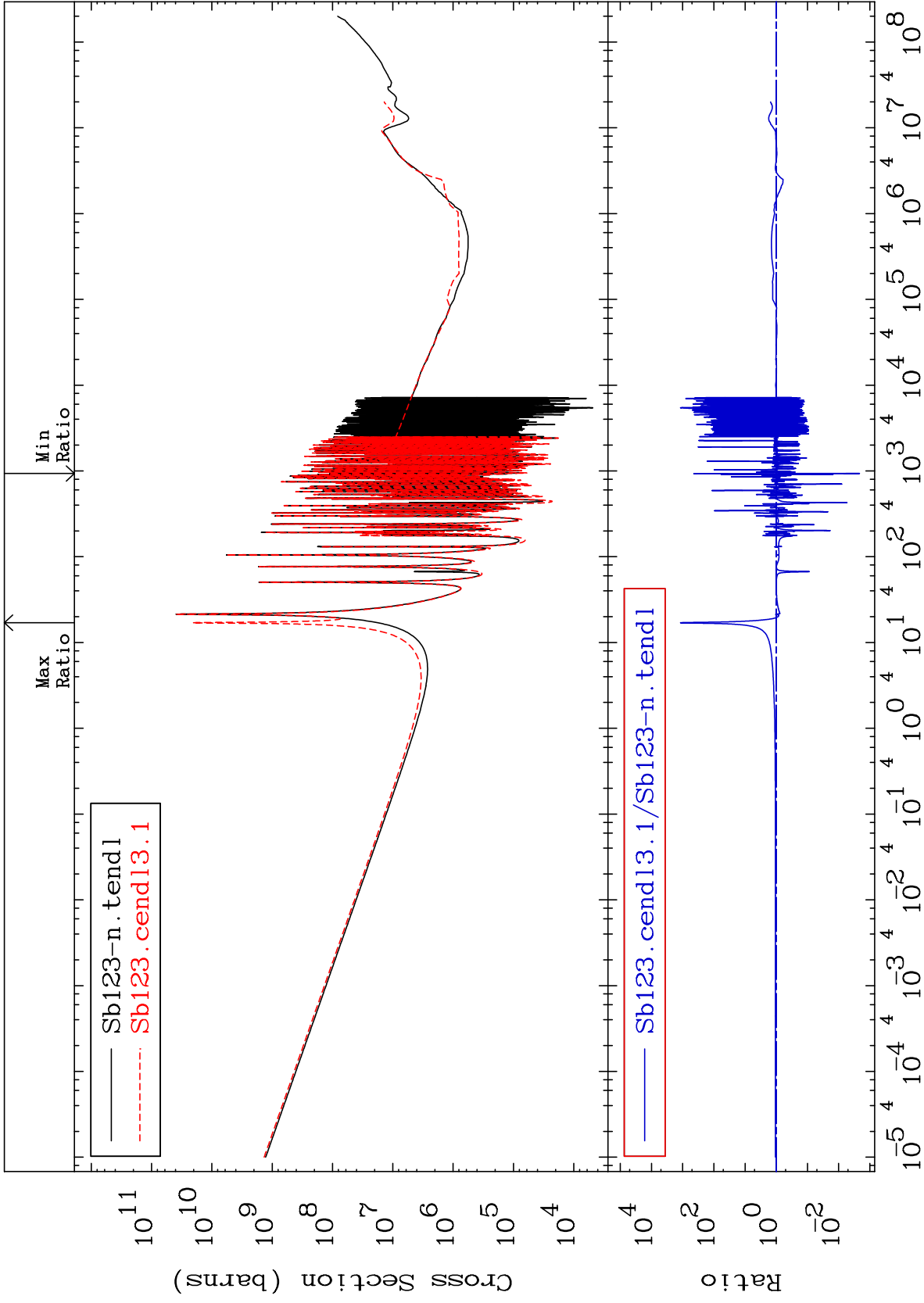
51-Sb-123
-100.0 To 17.84 %



23

Incident Energy (eV)

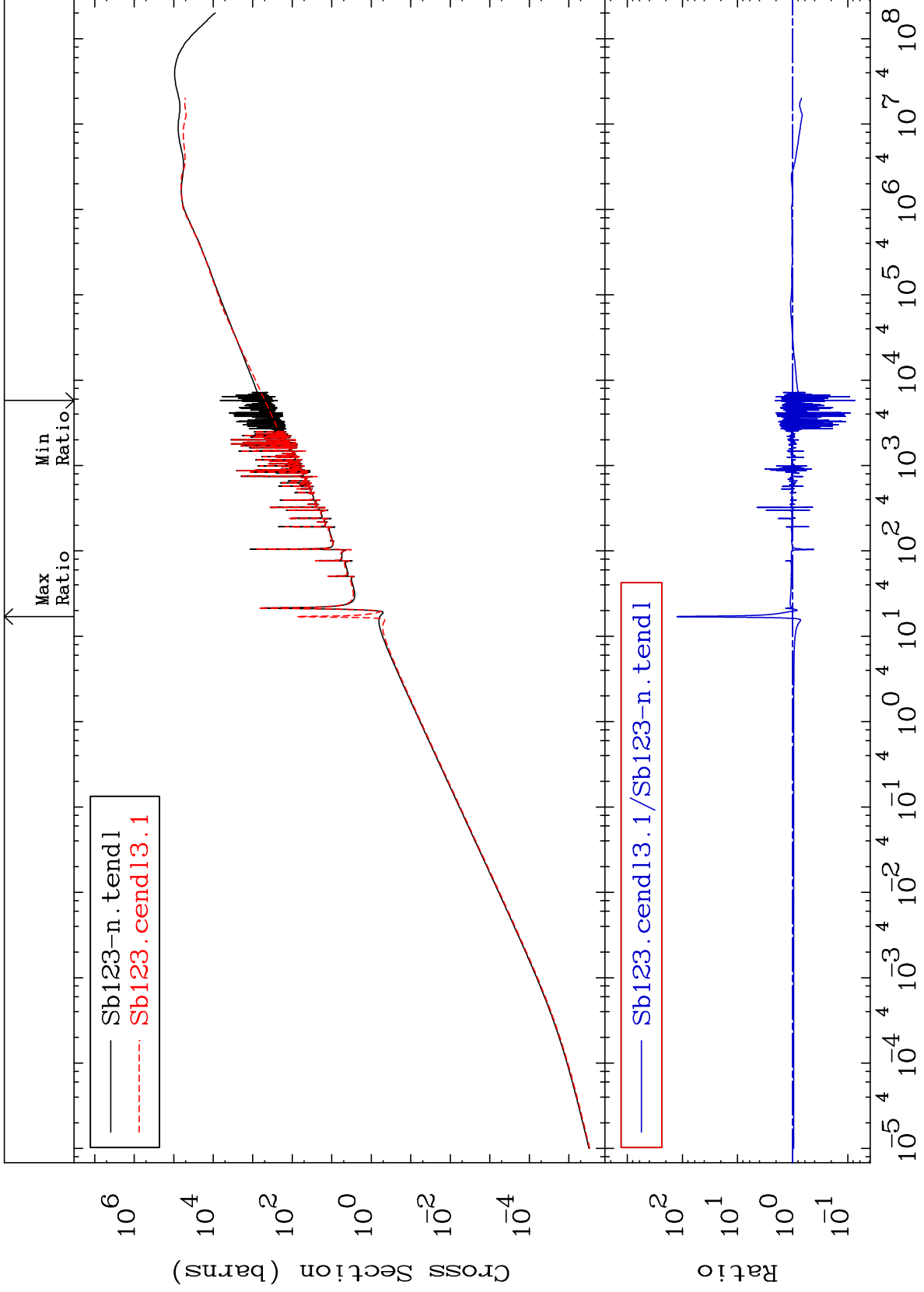
51-Sb-123



MAT 5131

Kerma elastic
Cross Section

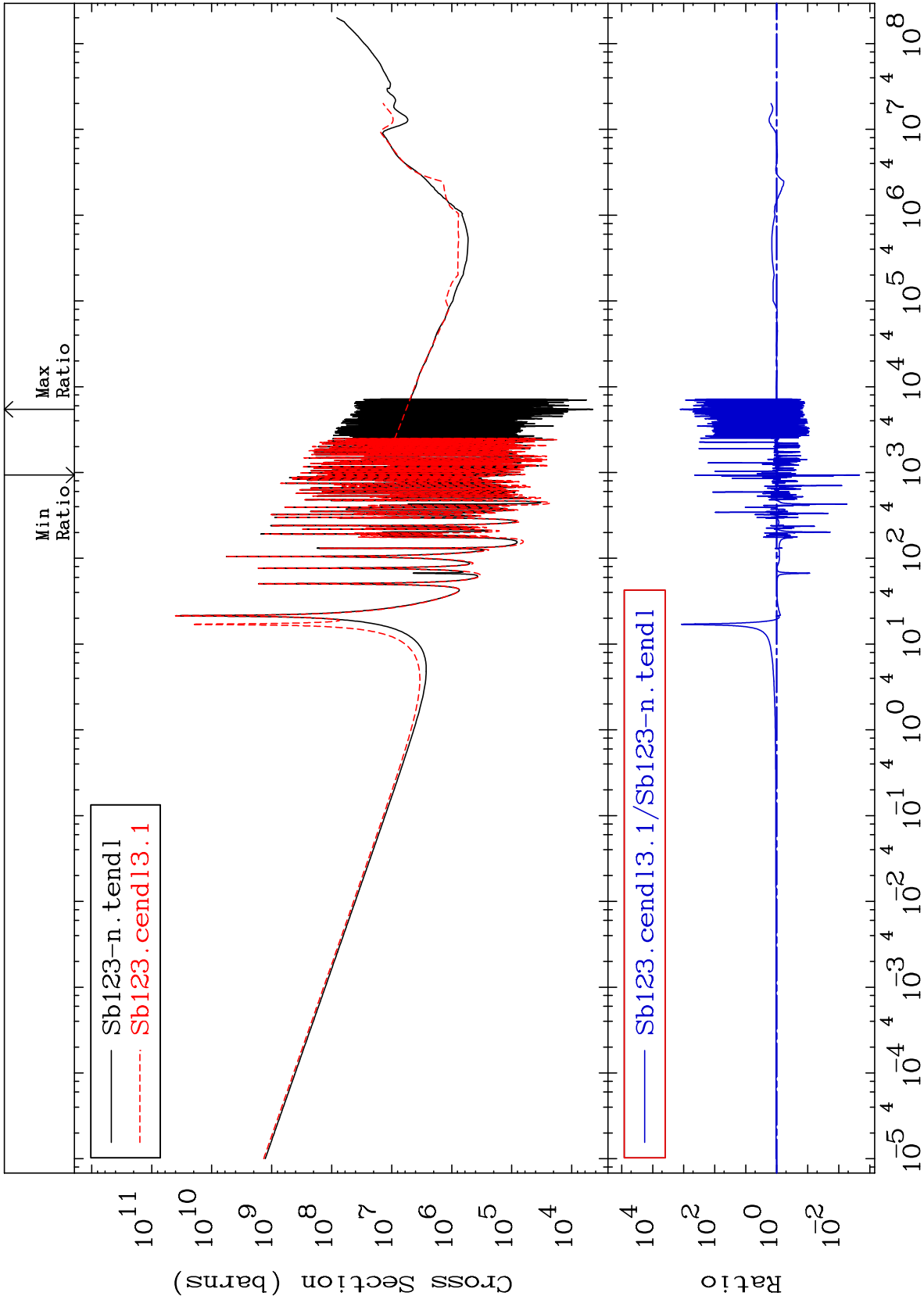
51-Sb-123
-92.65 To 9999. %



25

Incident Energy (eV)

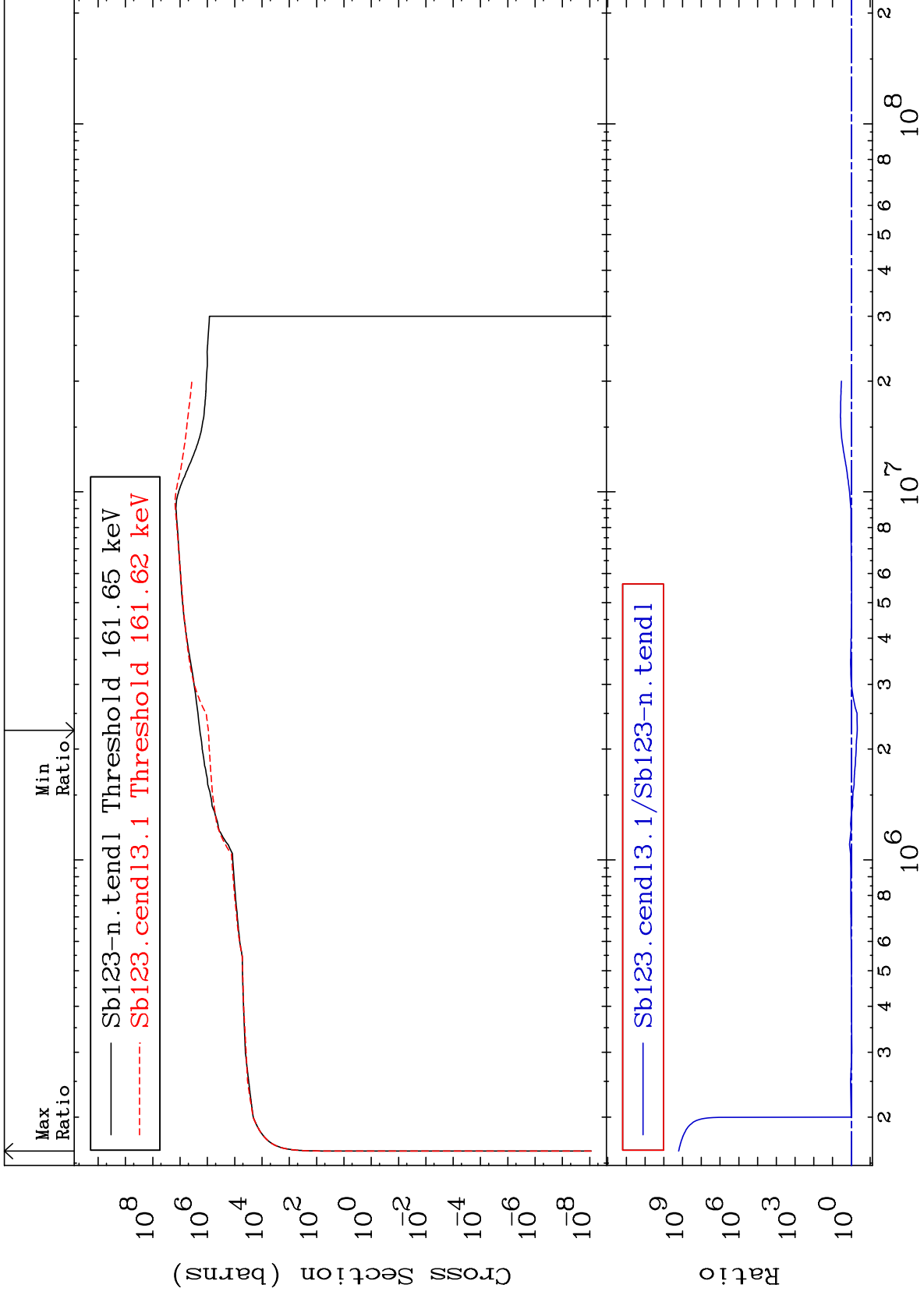
51-Sb-123



MAT 5131

Kerma inelastic (mt51-91)
Cross Section

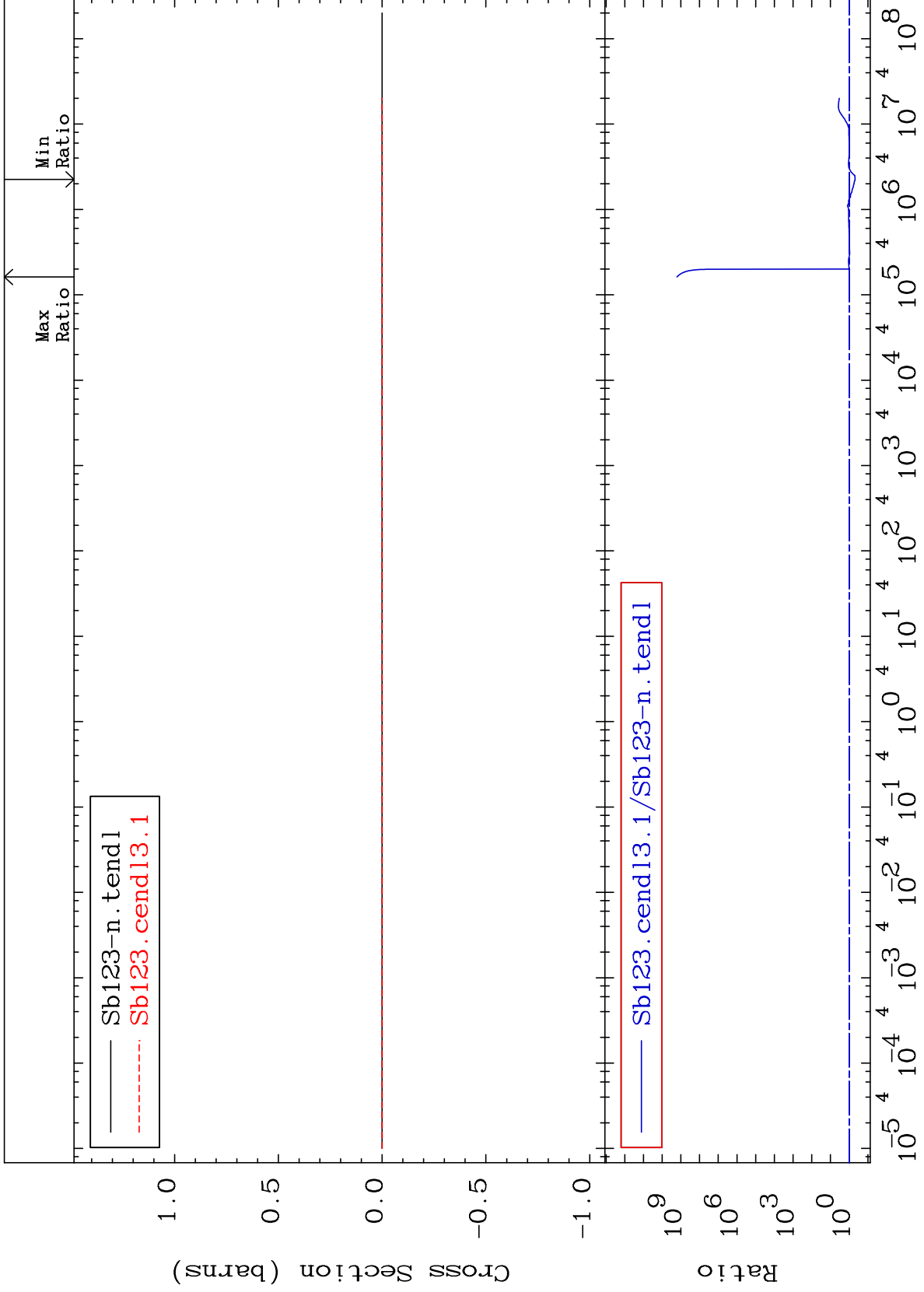
51-Sb-123
-51.66 To 9999. %

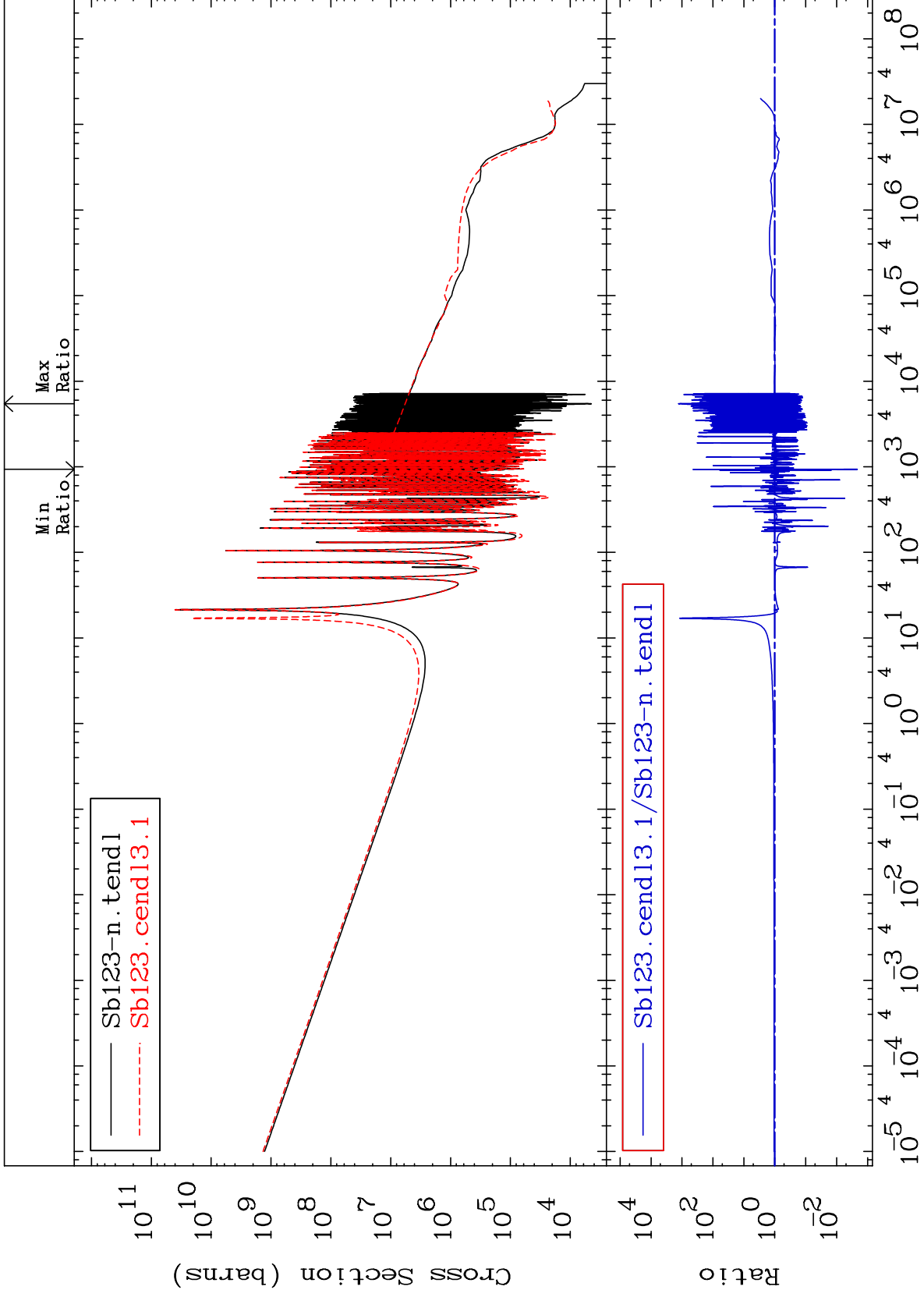


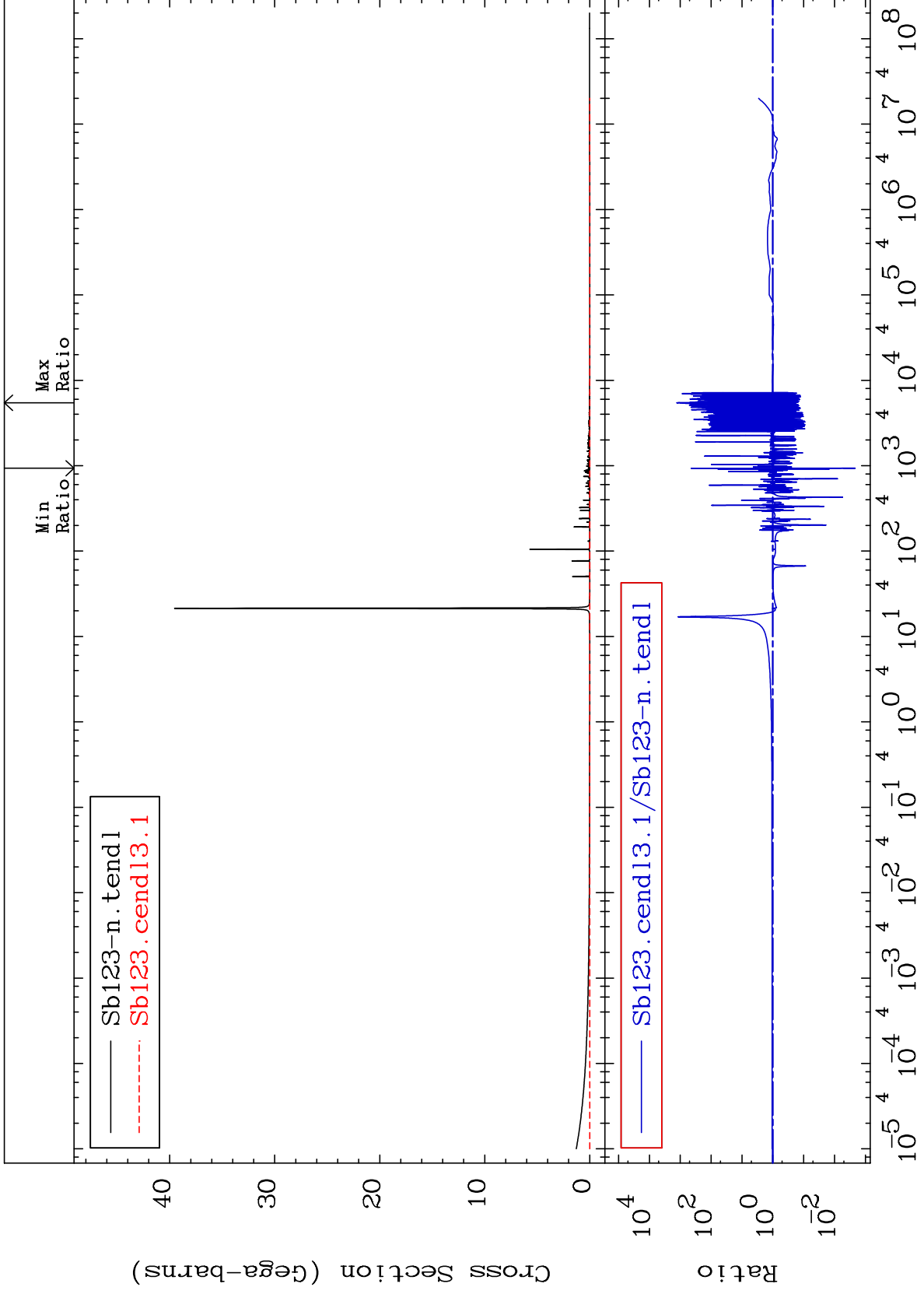
MAT 5131

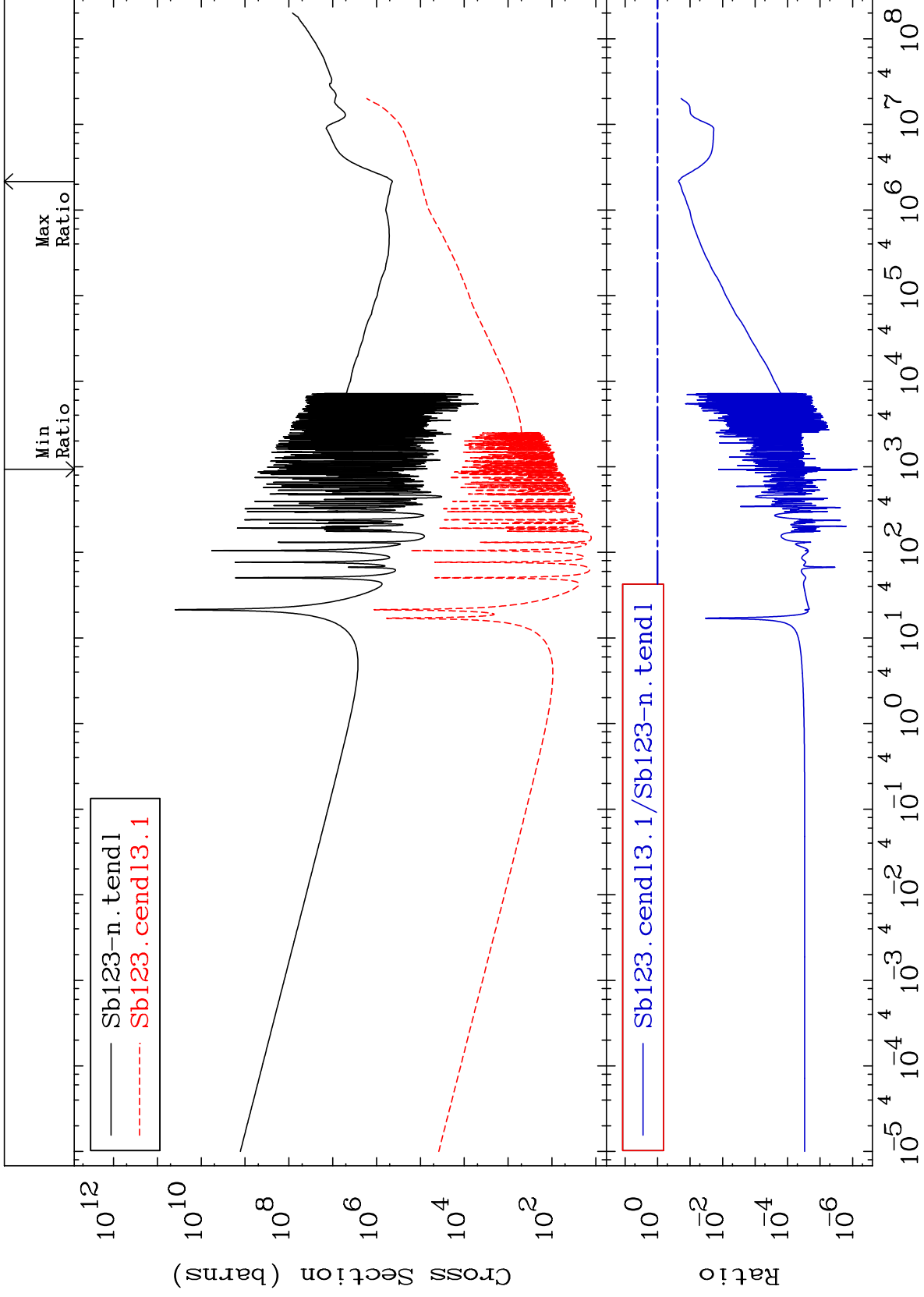
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

51-Sb-123
-51.66 To 9999. %





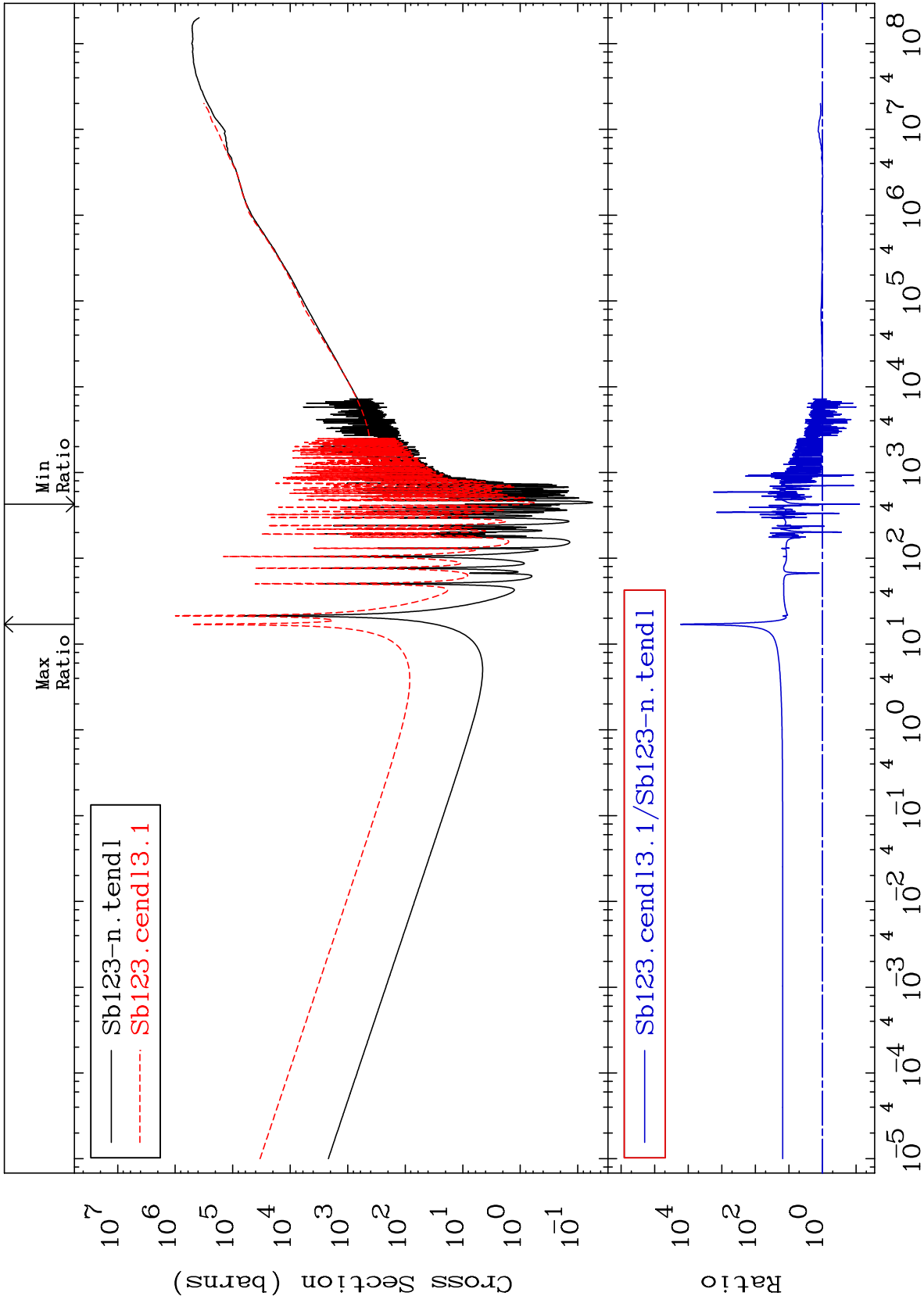




MAT 5131

Dpa total (eV-barns)
Cross Section

51-Sb-123
-92.03 To 9999. %



32

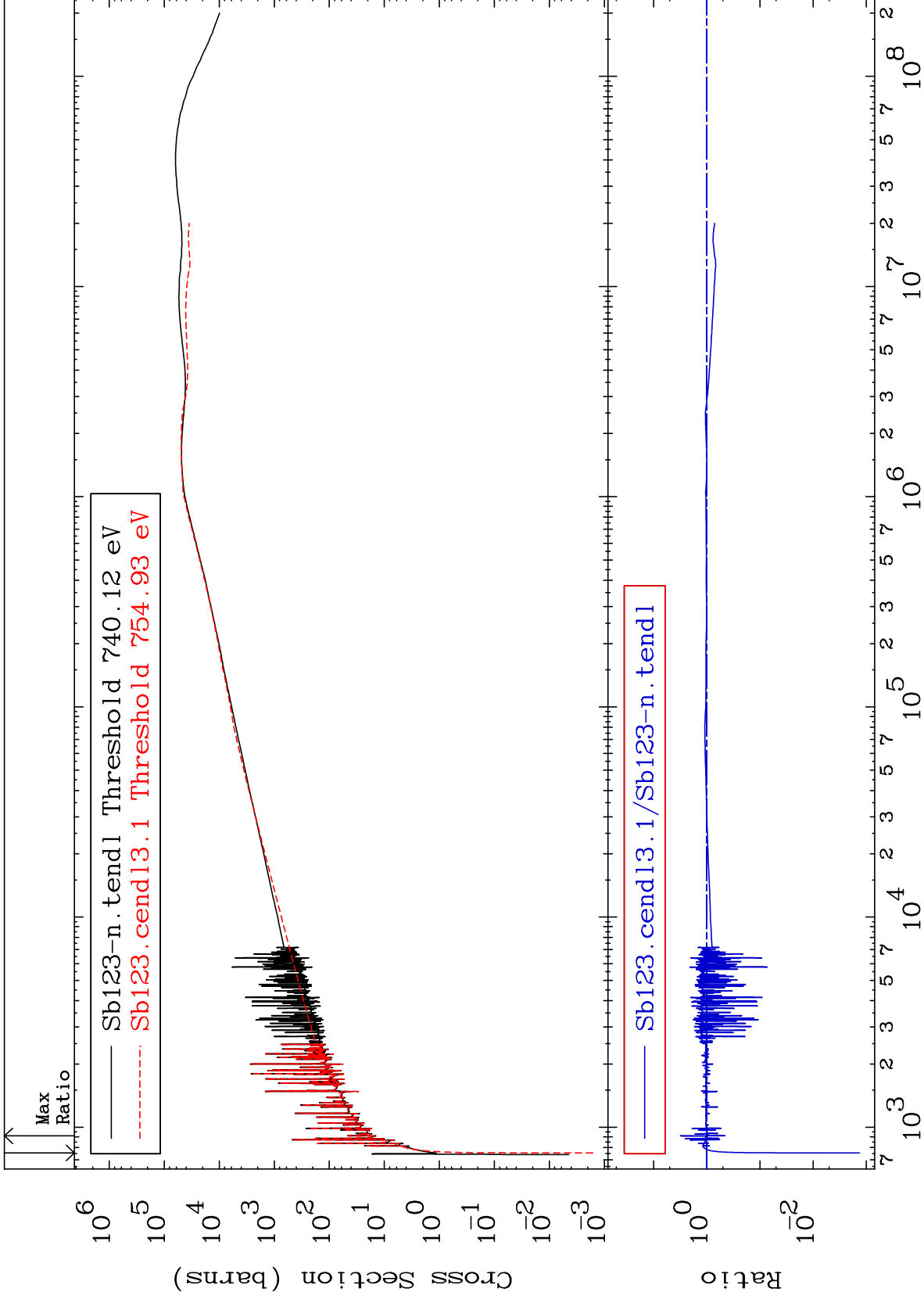
Incident Energy (eV)

51-Sb-123

MAT 5131

Dpa elastic (mt2)
Cross Section

51-Sb-123
-99.86 To 213.8 %



33

Incident Energy (eV)

51-Sb-123

