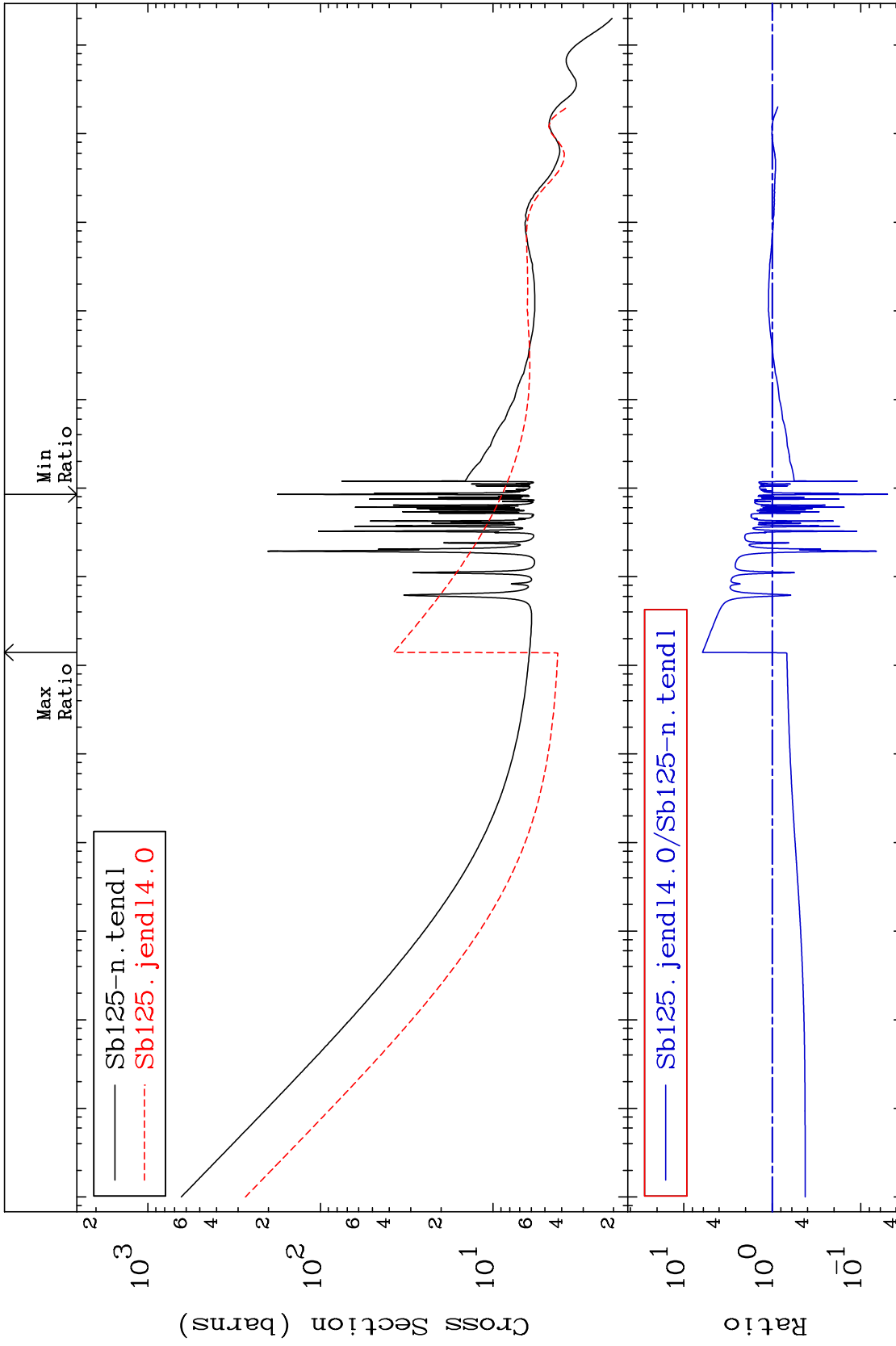


MAT 5137

Total
Cross Section

51-Sb-125
-95.00 To 513.4 %



Incident Energy (eV)

51-Sb-125

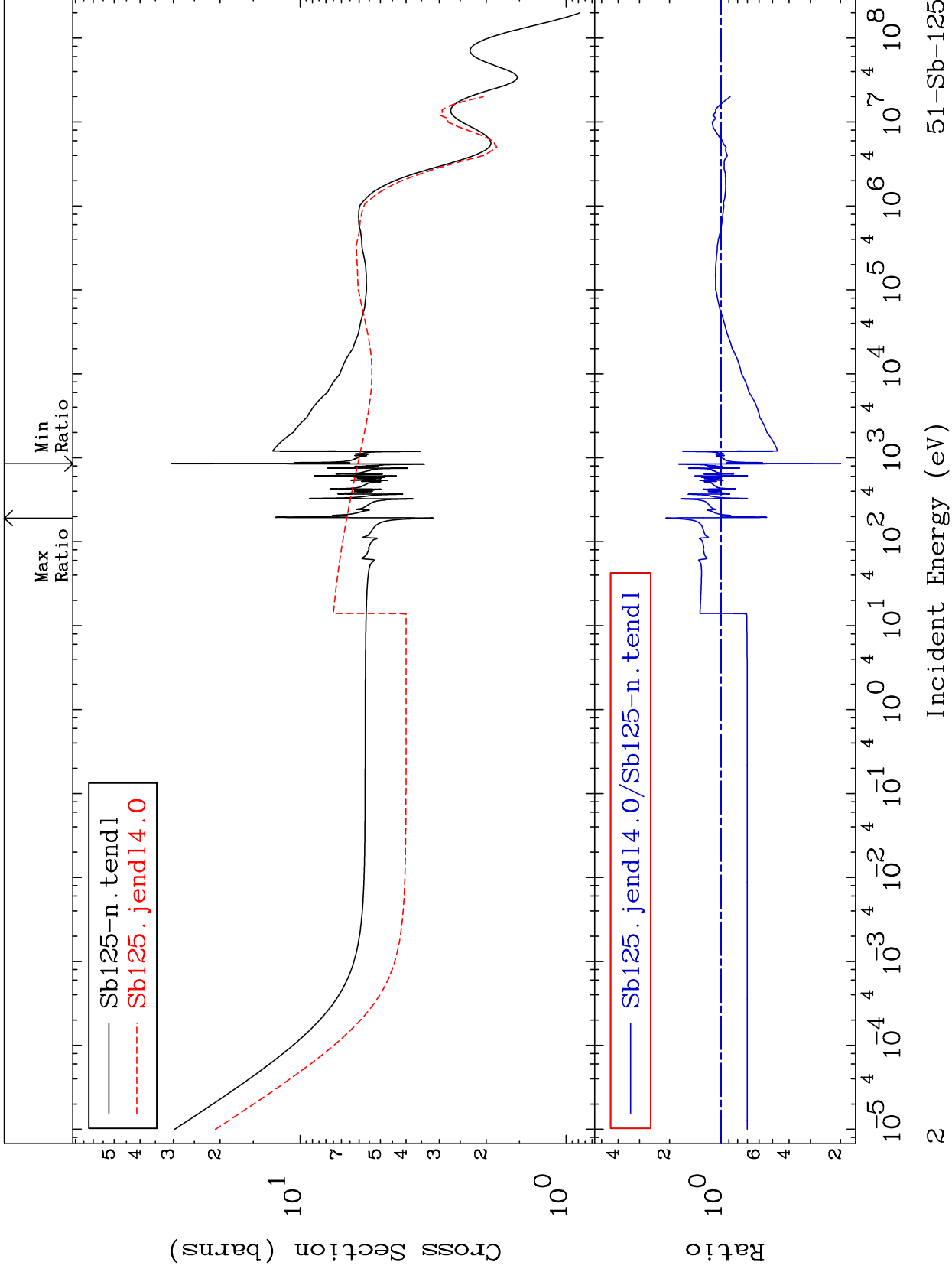
MAT 5137

Elastic

51-Sb-125

Cross Section

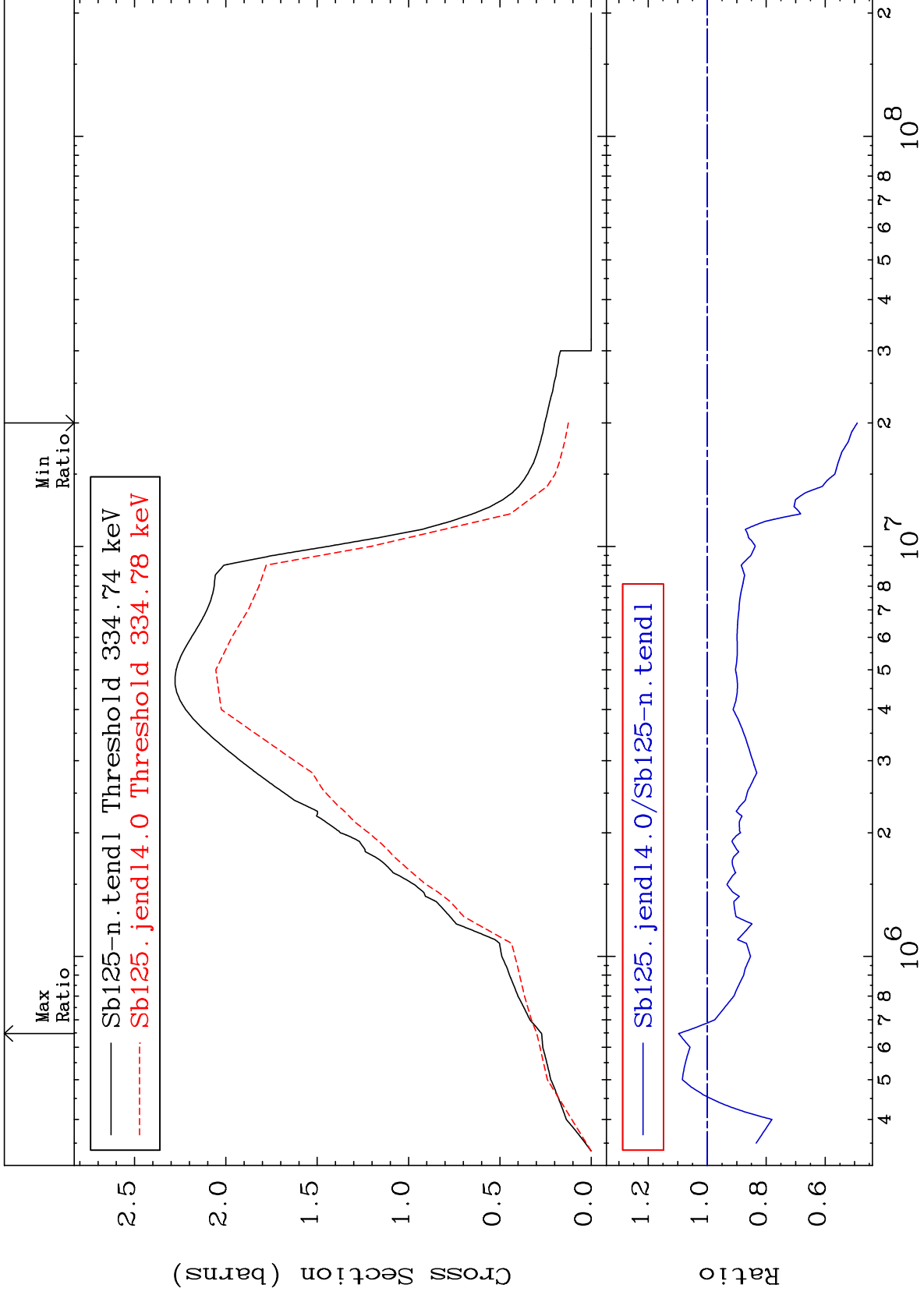
-80.04 To 111.5 %



MAT 5137

Inelastic
Cross Section

51-Sb-125
-50.88 To 9.711 %



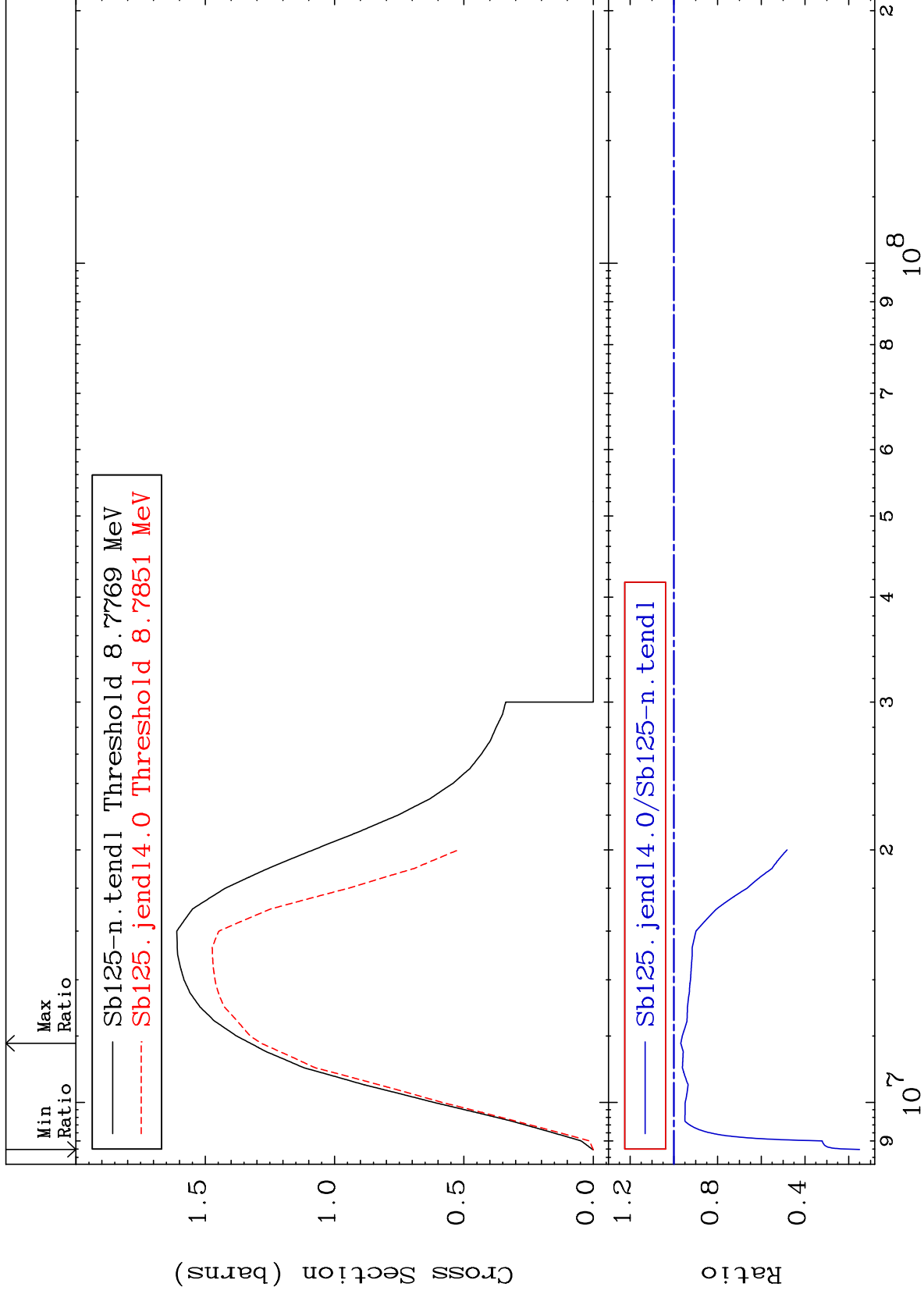
MAT 5137

(n,2n)

51-Sb-125

Cross Section

-84.98 To -3.141%



4

Incident Energy (eV)

51-Sb-125

MAT 5137

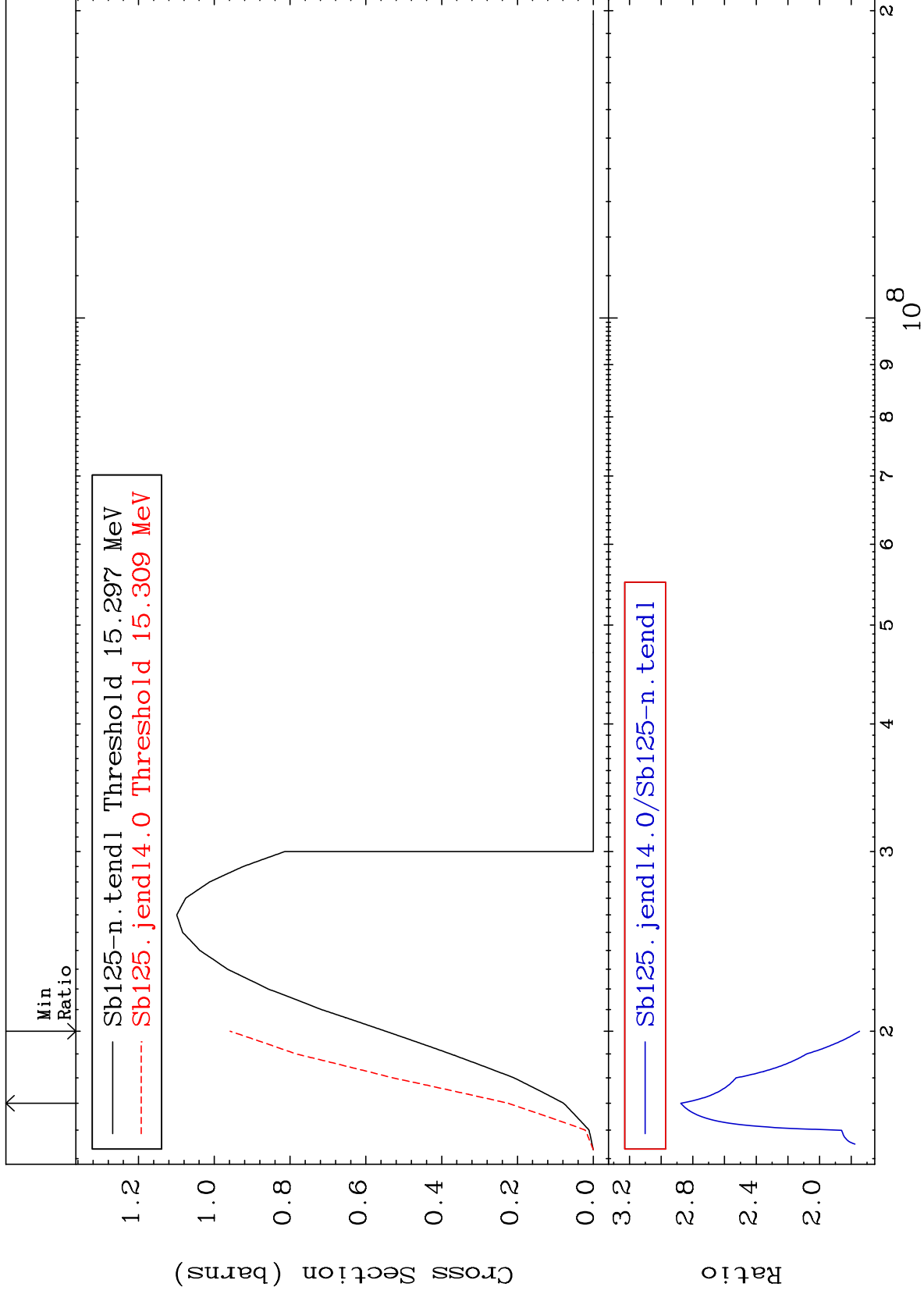
(n,3n)

51-Sb-125

Cross Section

74.76

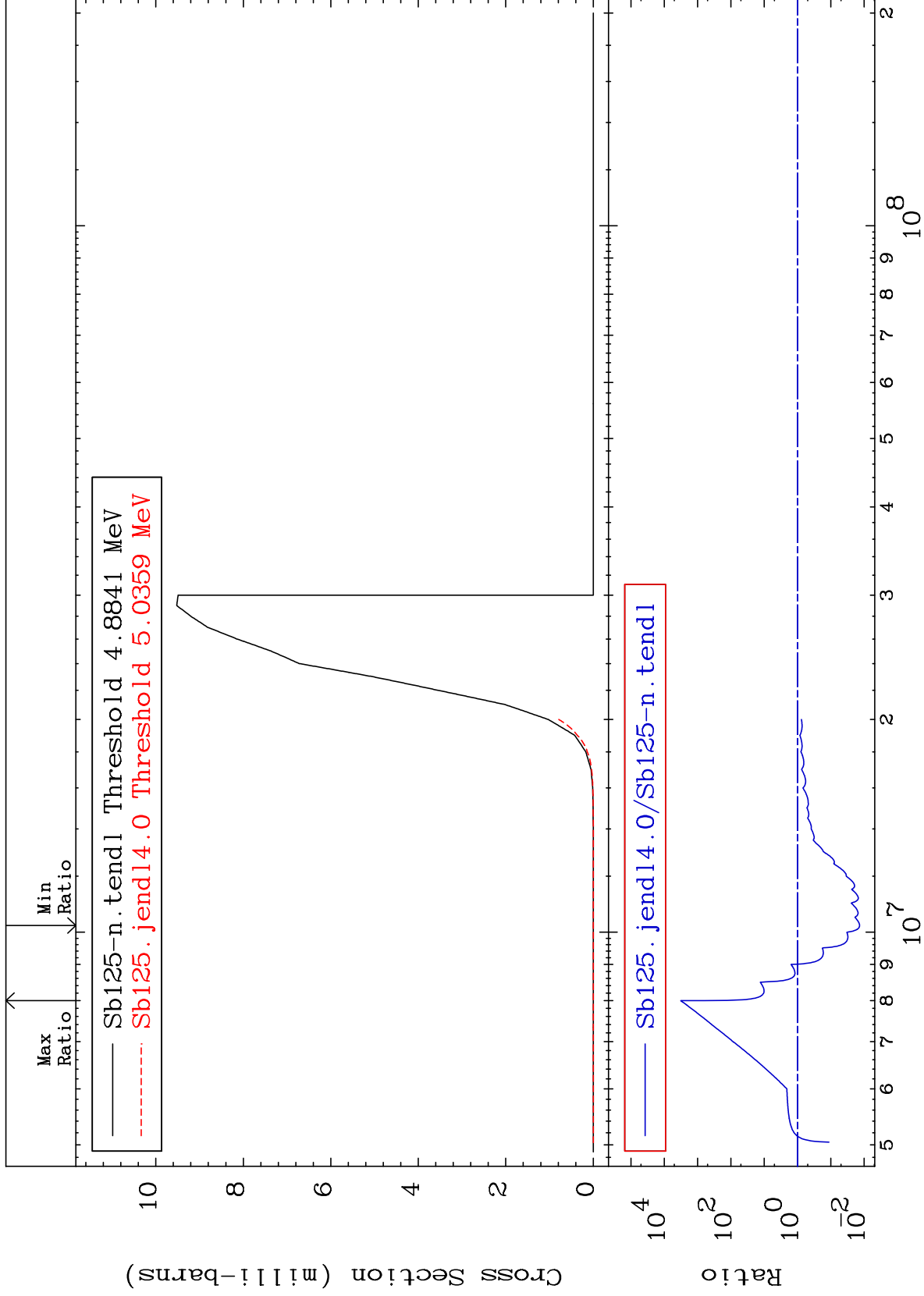
To 187.6 %



MAT 5137

(n, n') α
Cross Section

51-Sb-125
-98.62 To 9999. %



6

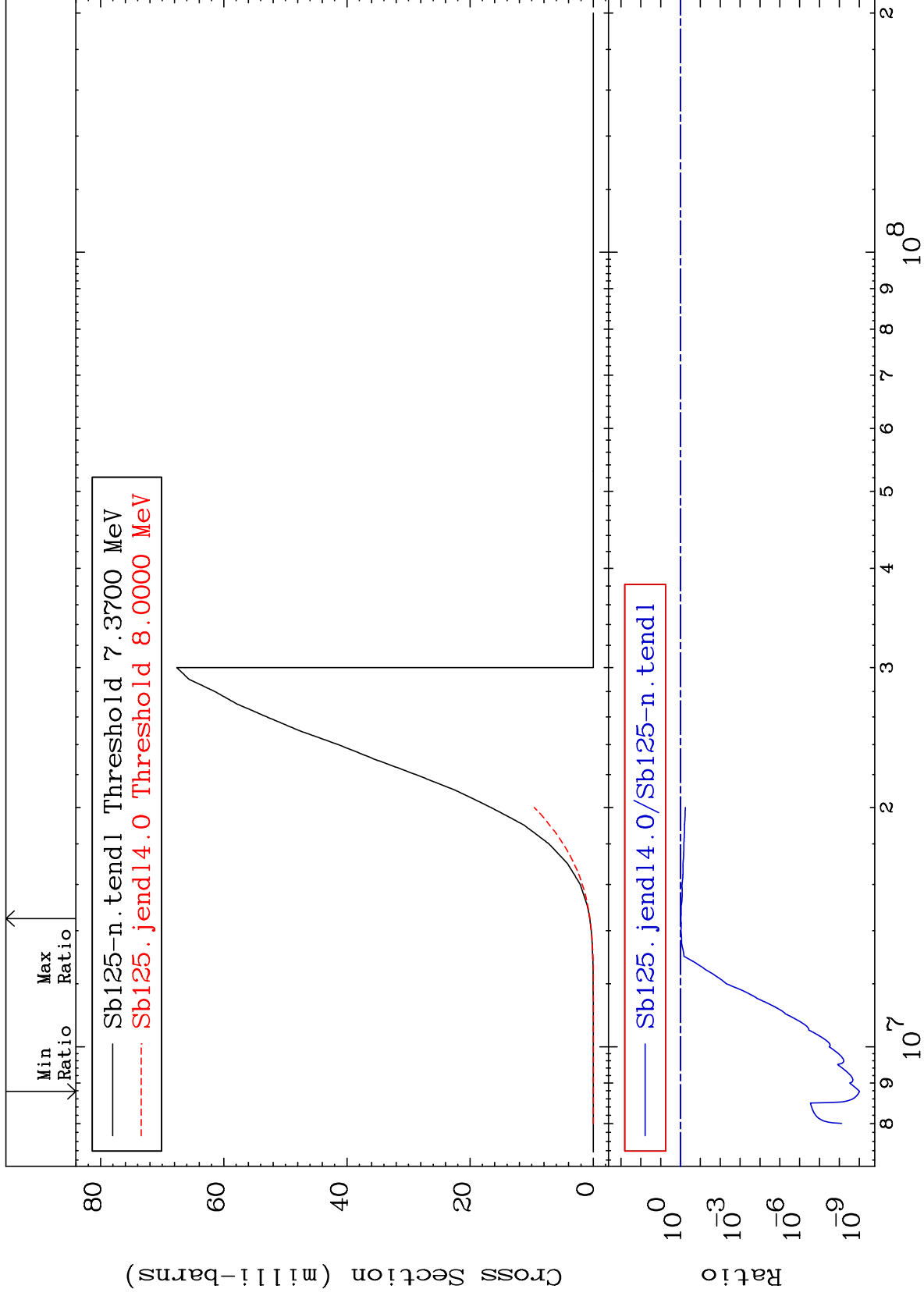
Incident Energy (eV)

51-Sb-125

MAT 5137

(n,n') p
Cross Section

51-Sb-125
-100.0 To -3.052%



7

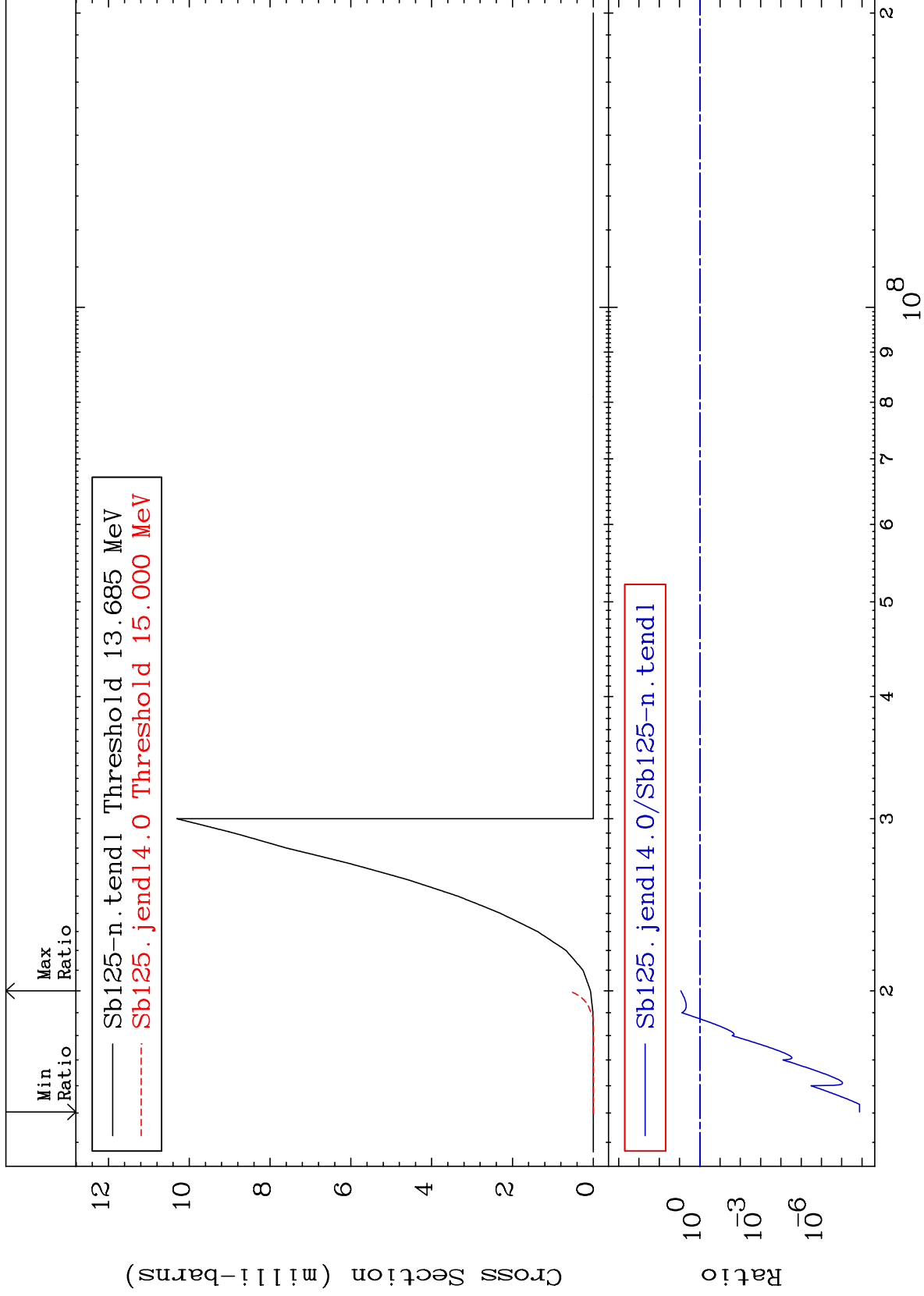
Incident Energy (eV)

51-Sb-125

MAT 5137

(n,n') d
Cross Section

51-Sb-125
-100.0 To 768.8 %



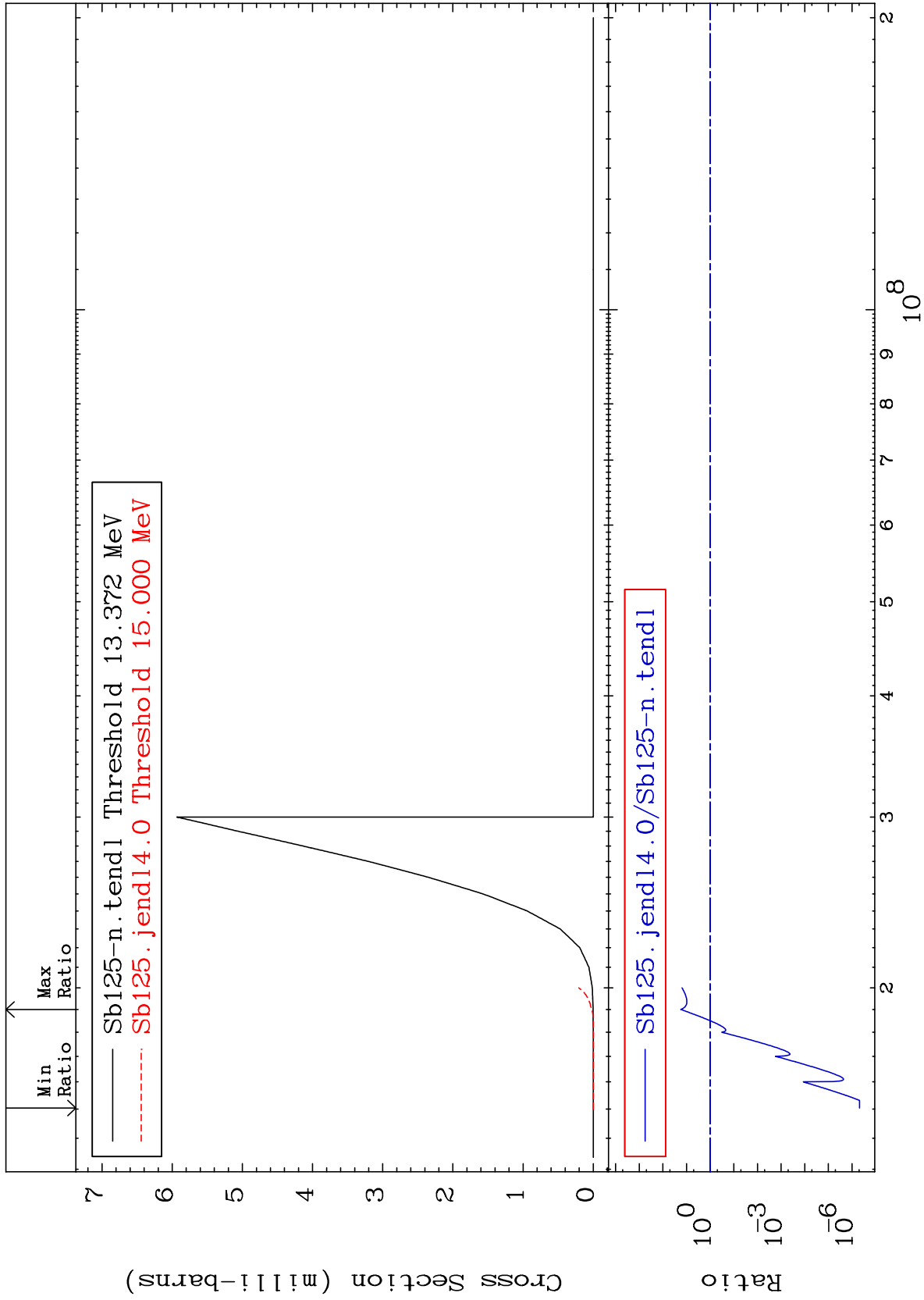
MAT 5137

(n,n') t

51-Sb-125

Cross Section

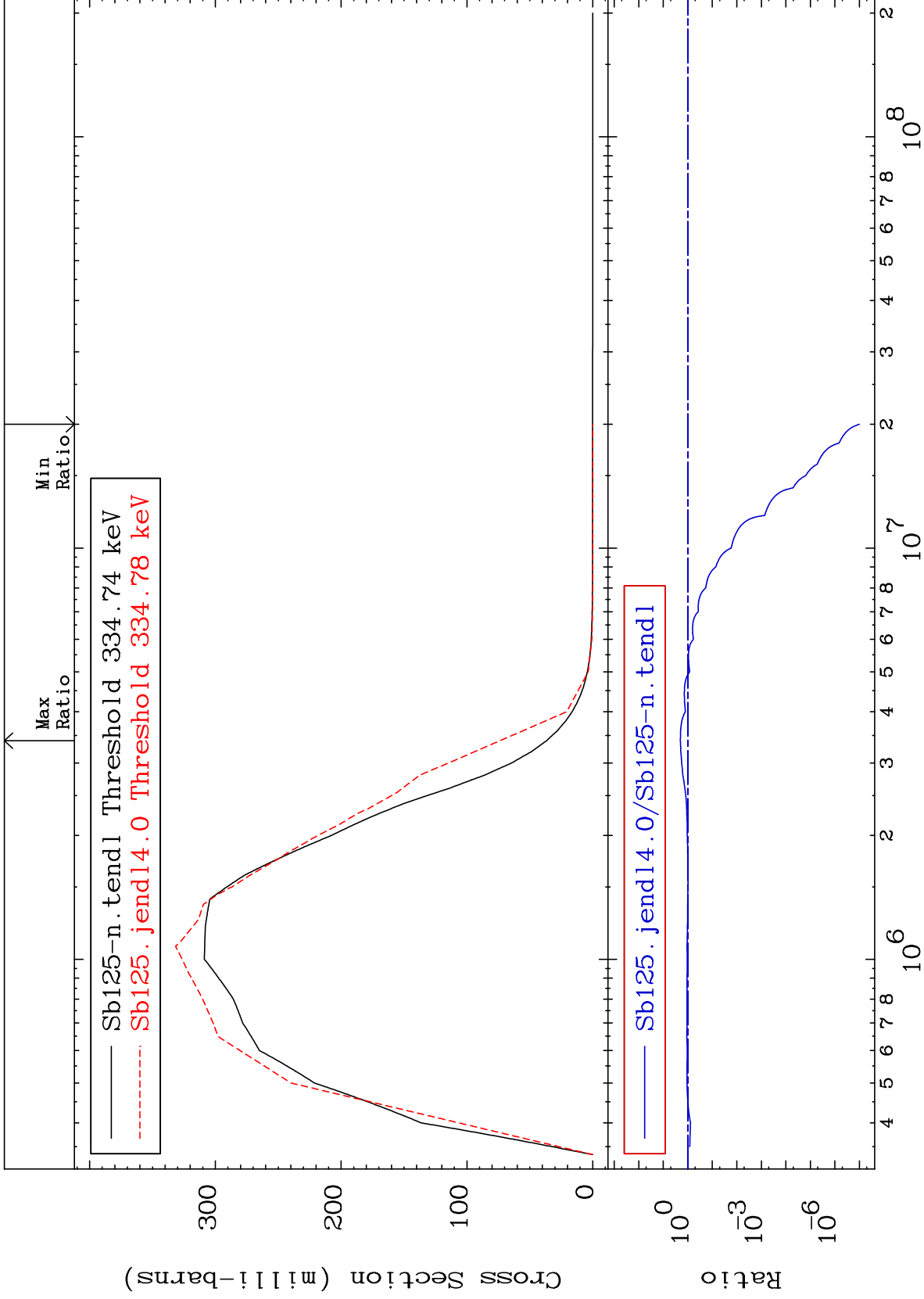
-100.0 To 1648. %



MAT 5137

332.1 keV (n,n') Level
Cross Section

51-Sb-125
-100.0 To 101.3 %



10

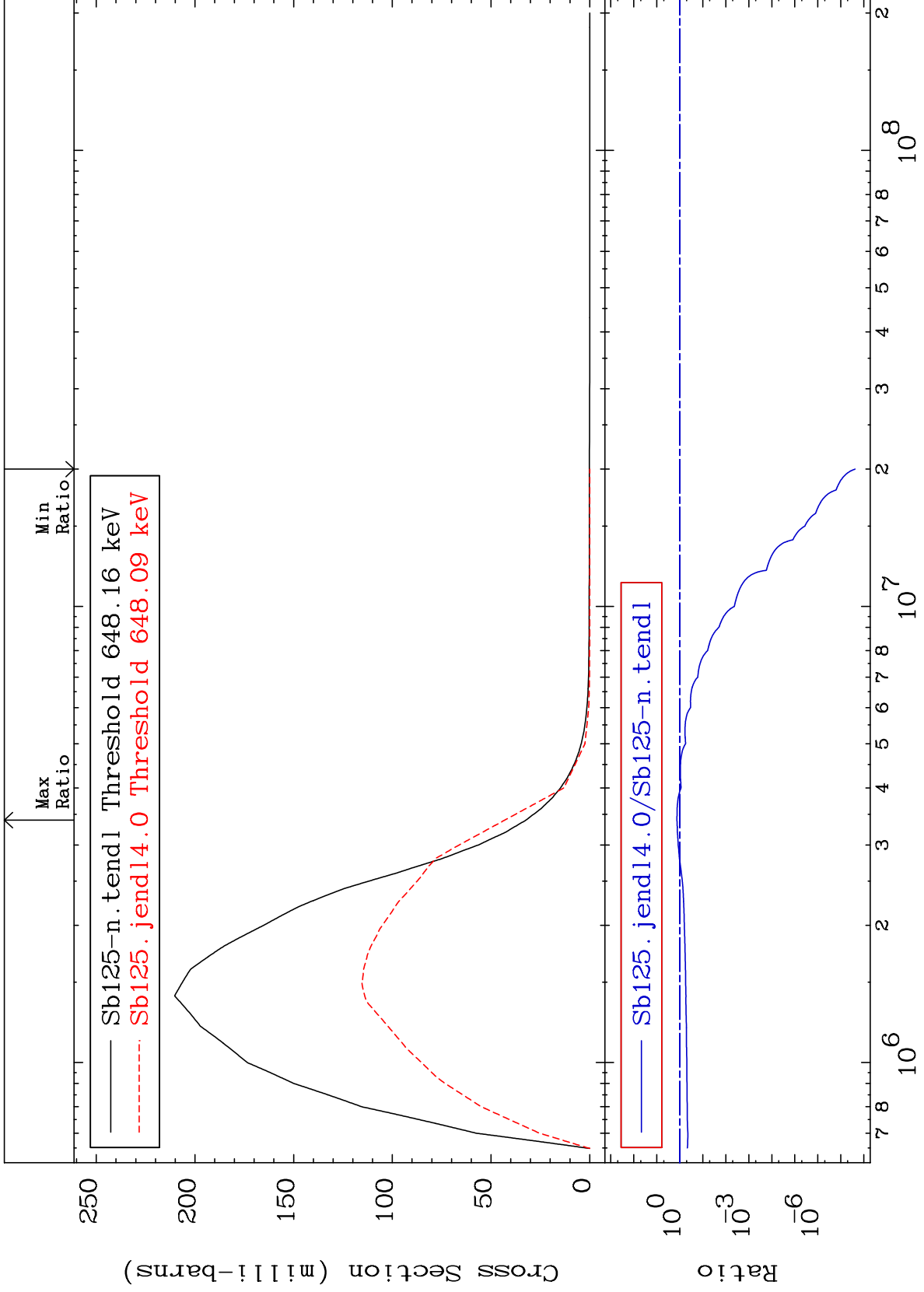
Incident Energy (eV)

51-Sb-125

MAT 5137

643.0 keV (n,n') Level
Cross Section

51-Sb-125
-100.0 To 33.30 %



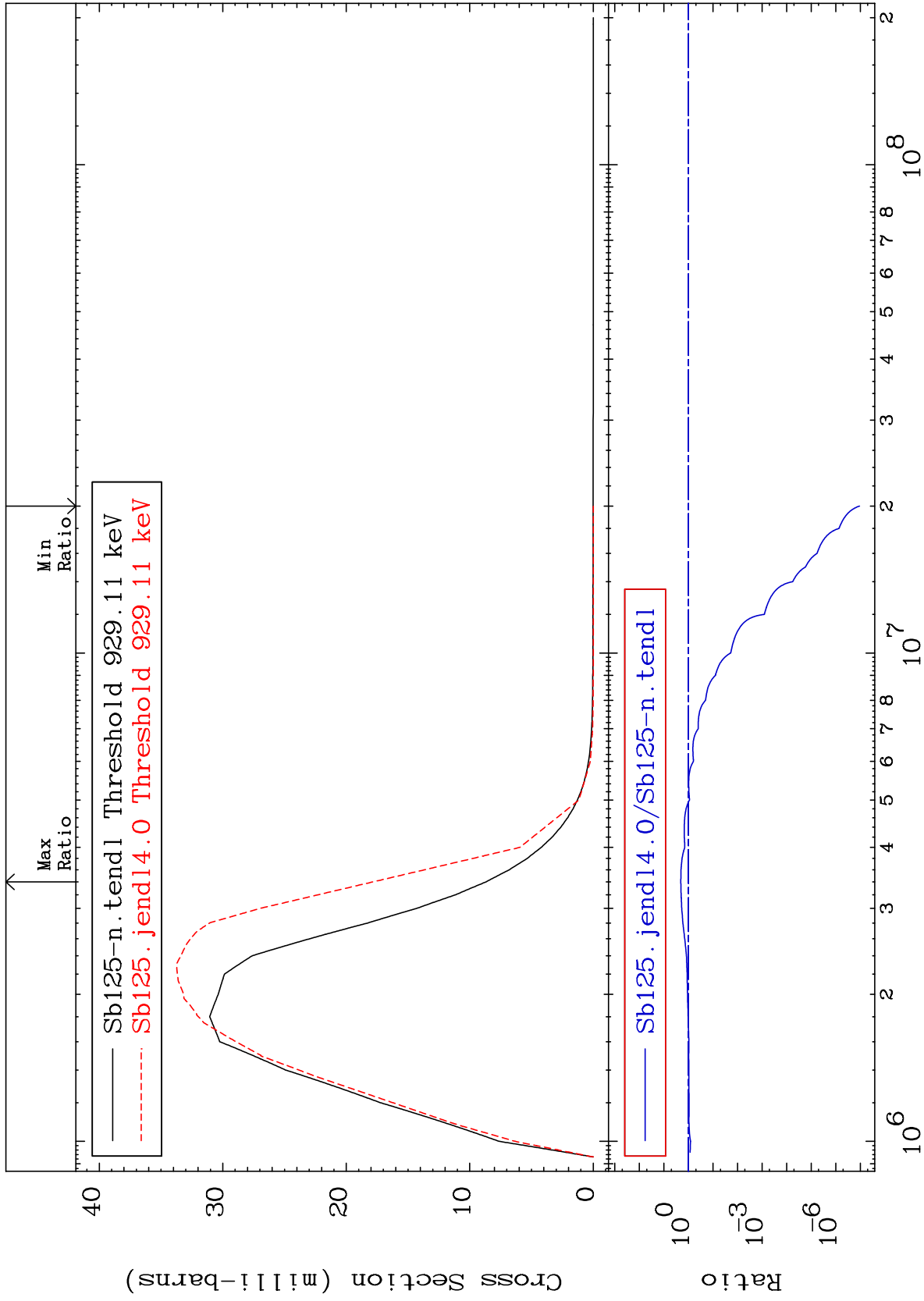
MAT 5137

921.7 keV (n,n') Level

51-Sb-125

-100.0 To 105.5 %

Cross Section



12

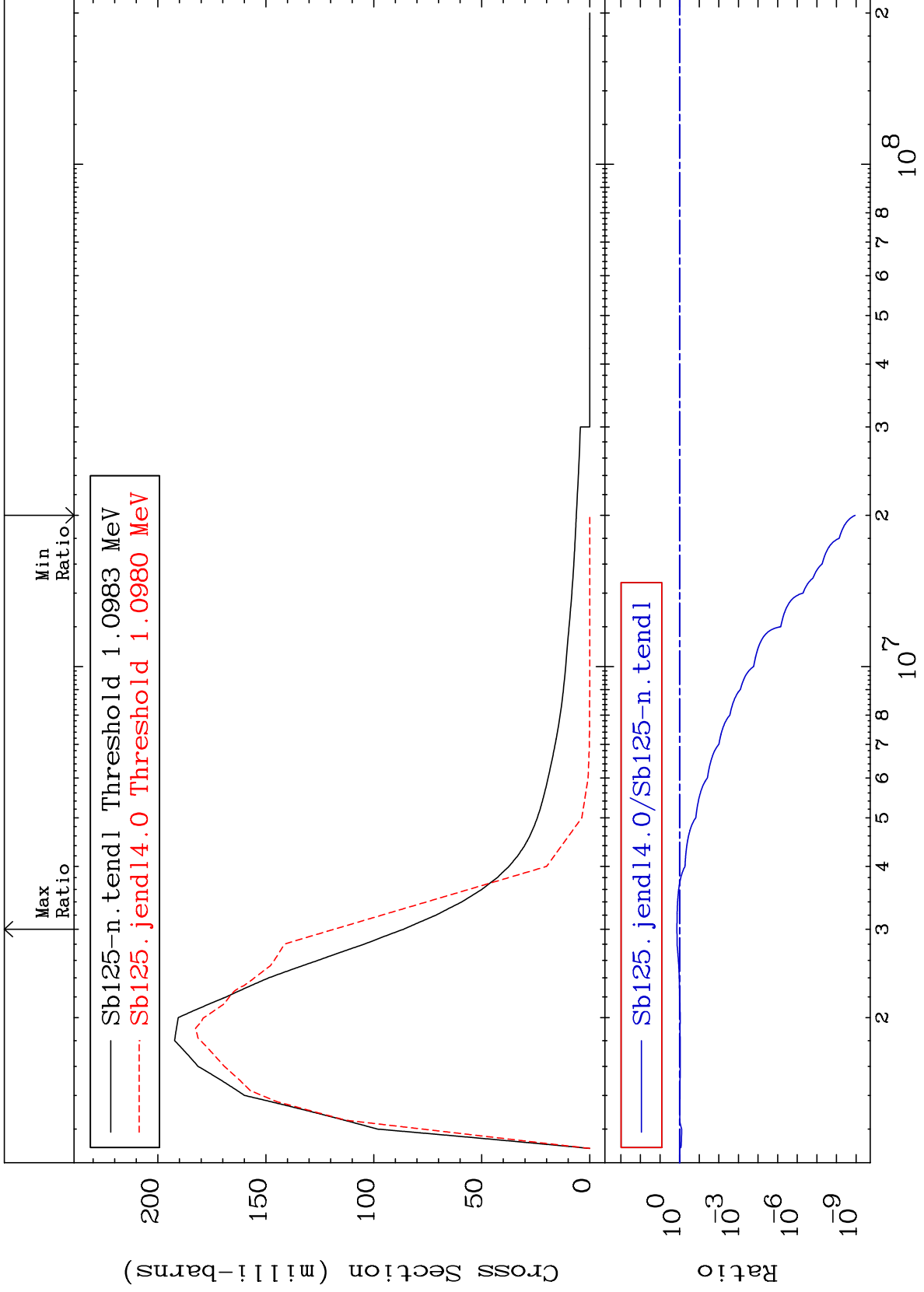
Incident Energy (eV)

51-Sb-125

MAT 5137

1.090 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To 37.33 %



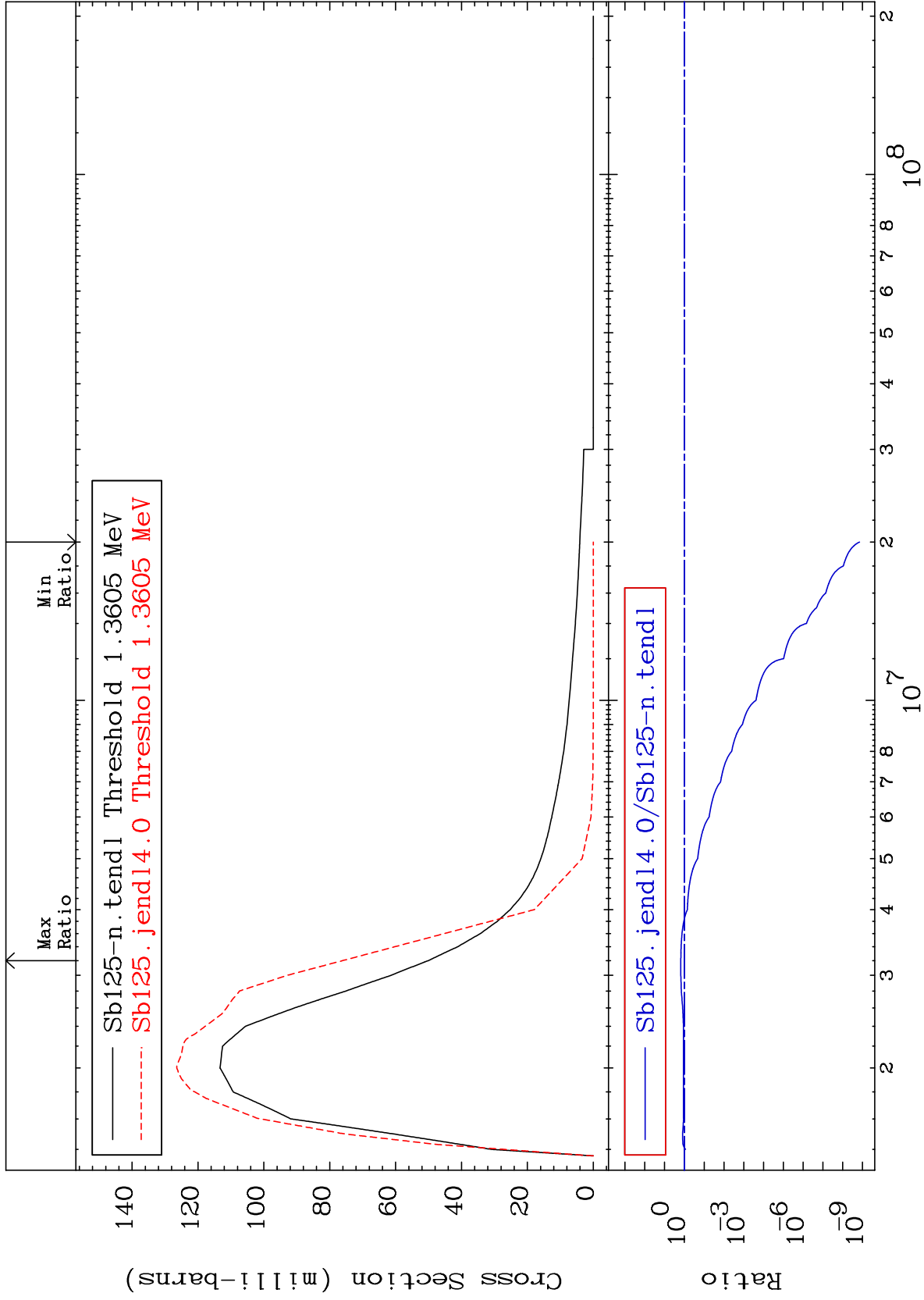
MAT 5137

1.350 MeV (n,n') Level

51-Sb-125

-100.0 To 51.97 %

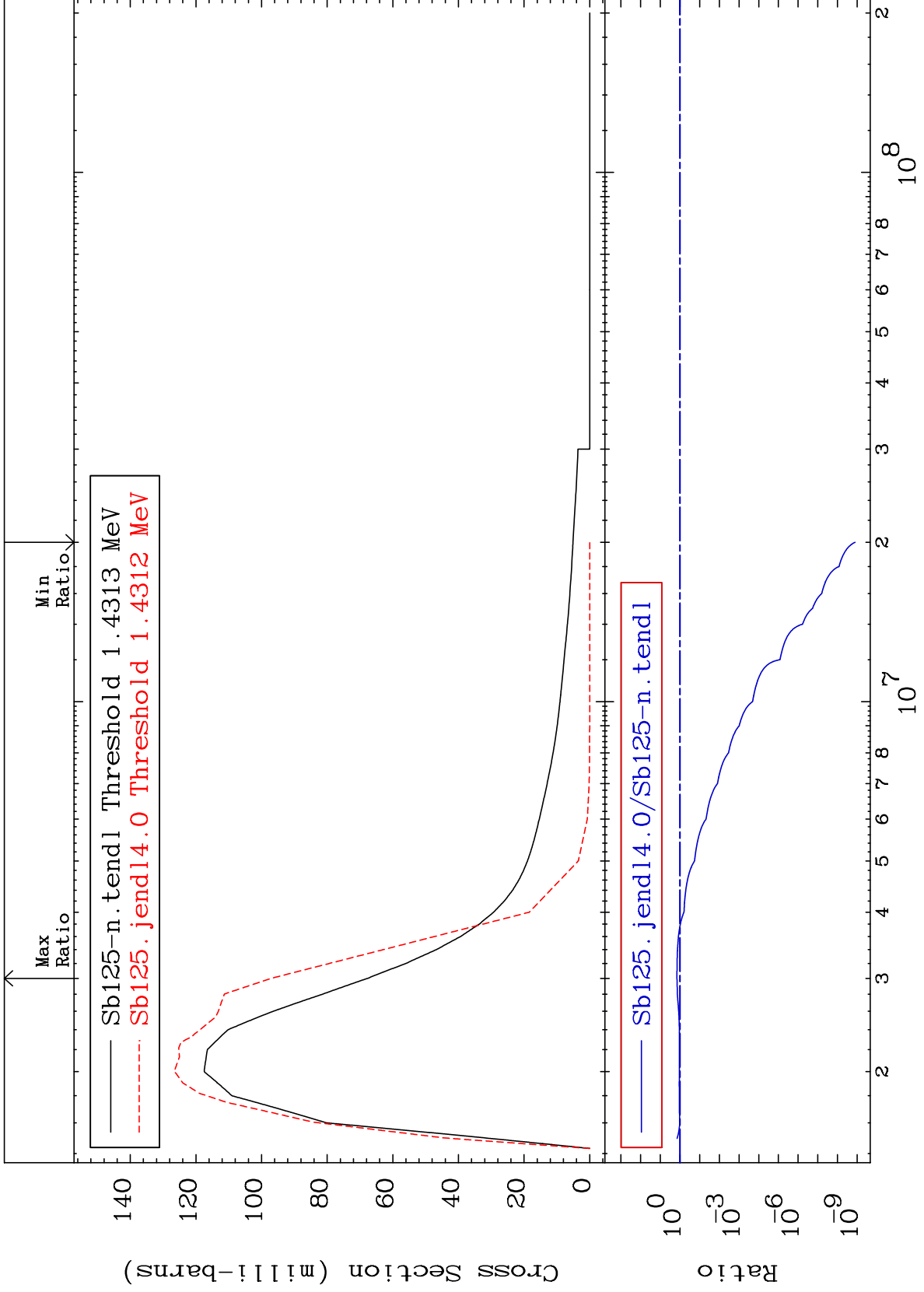
Cross Section



MAT 5137

1.420 MeV (n,n') Level
Cross Section

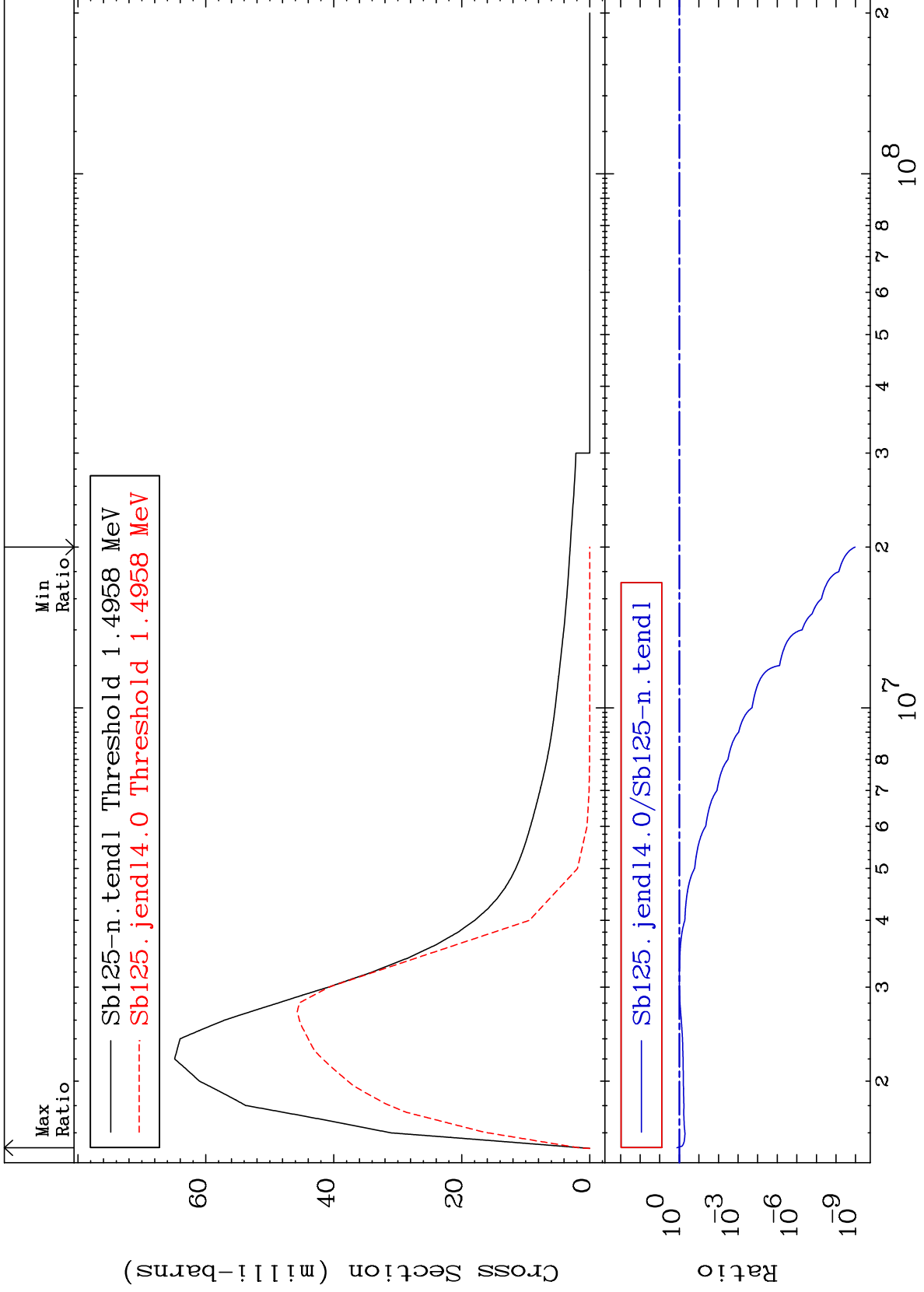
51-Sb-125
-100.0 To 43.42 %



MAT 5137

1.484 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To 32.54 %



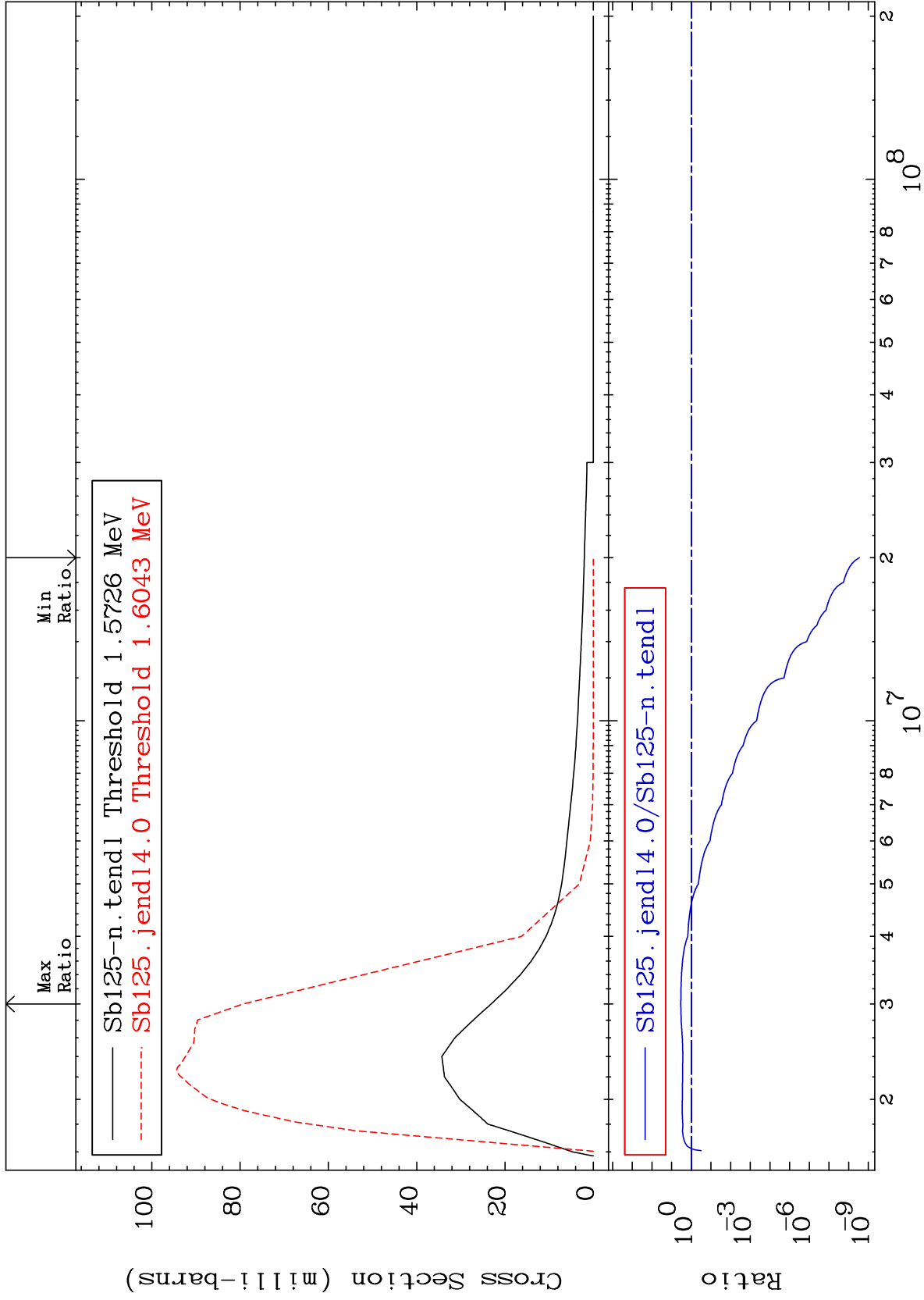
MAT 5137

1.560 MeV (n,n') Level

51-Sb-125

-100.0 To 243.3 %

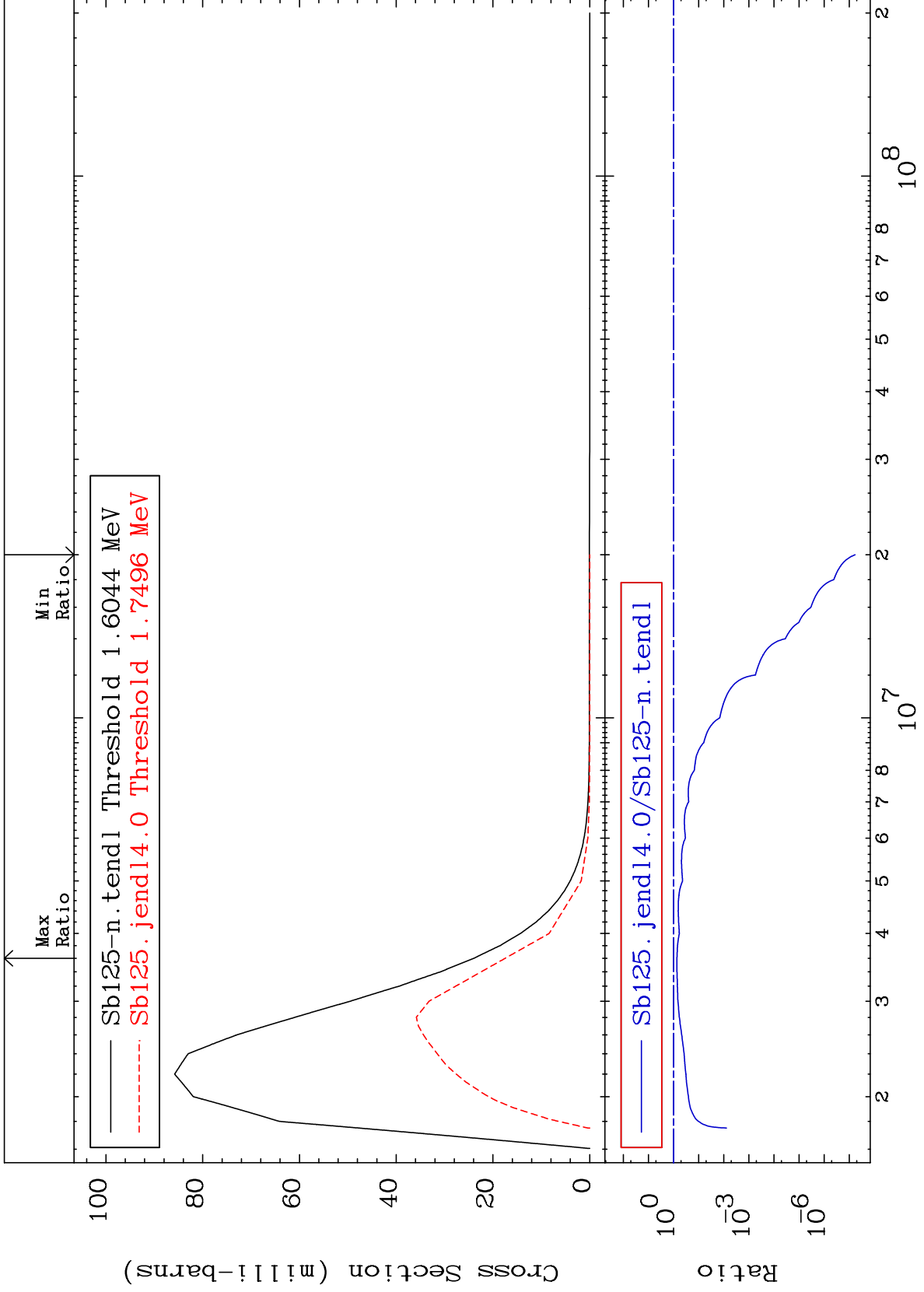
Cross Section



MAT 5137

1.592 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To -26.97%



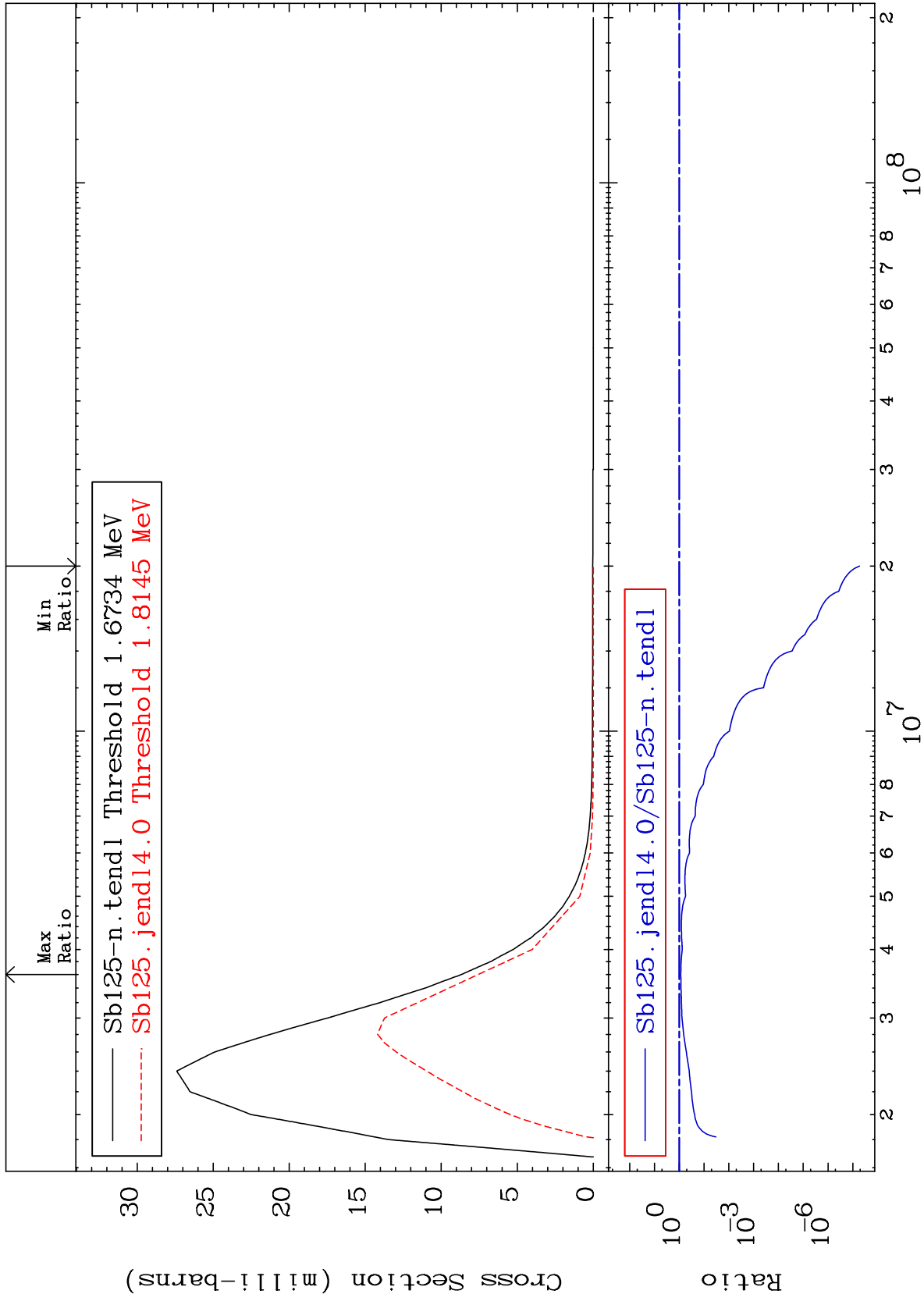
MAT 5137

1.660 MeV (n,n') Level

51-Sb-125

-100.0 To -12.67%

Cross Section



20

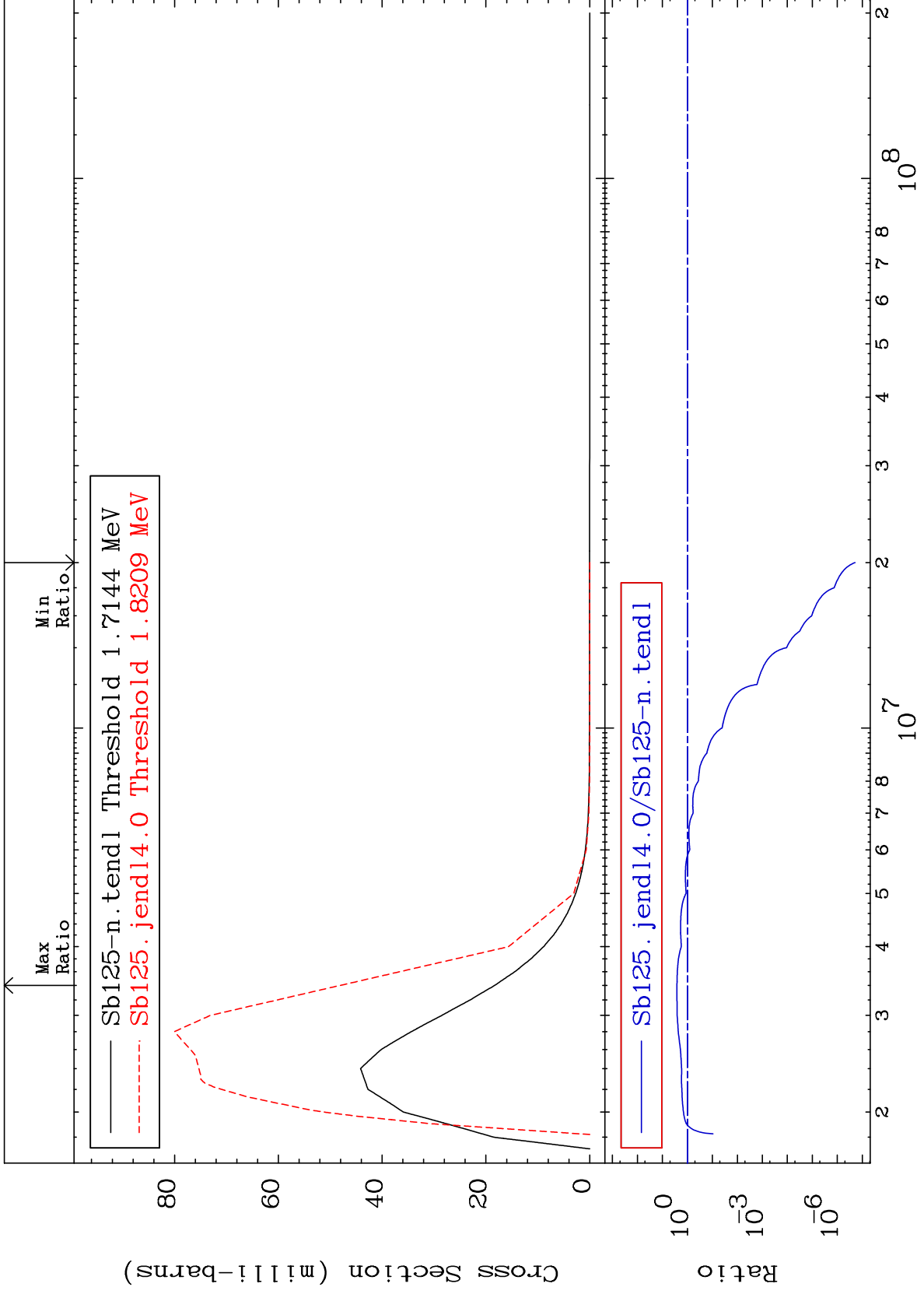
Incident Energy (eV)

51-Sb-125

MAT 5137

1.701 MeV (n,n') Level
Cross Section

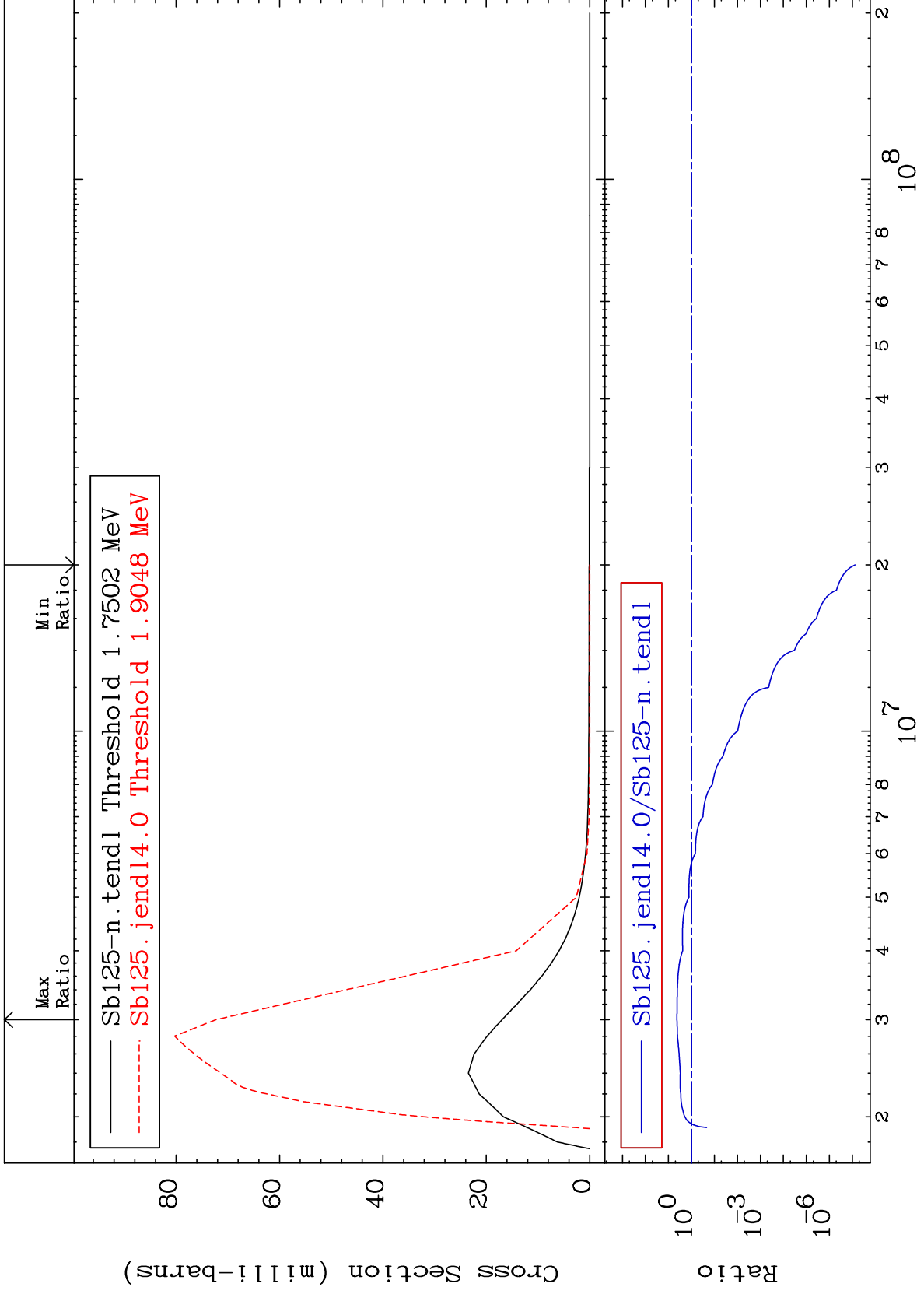
51-Sb-125
-100.0 To 162.5 %



MAT 5137

1.736 MeV (n,n') Level
Cross Section

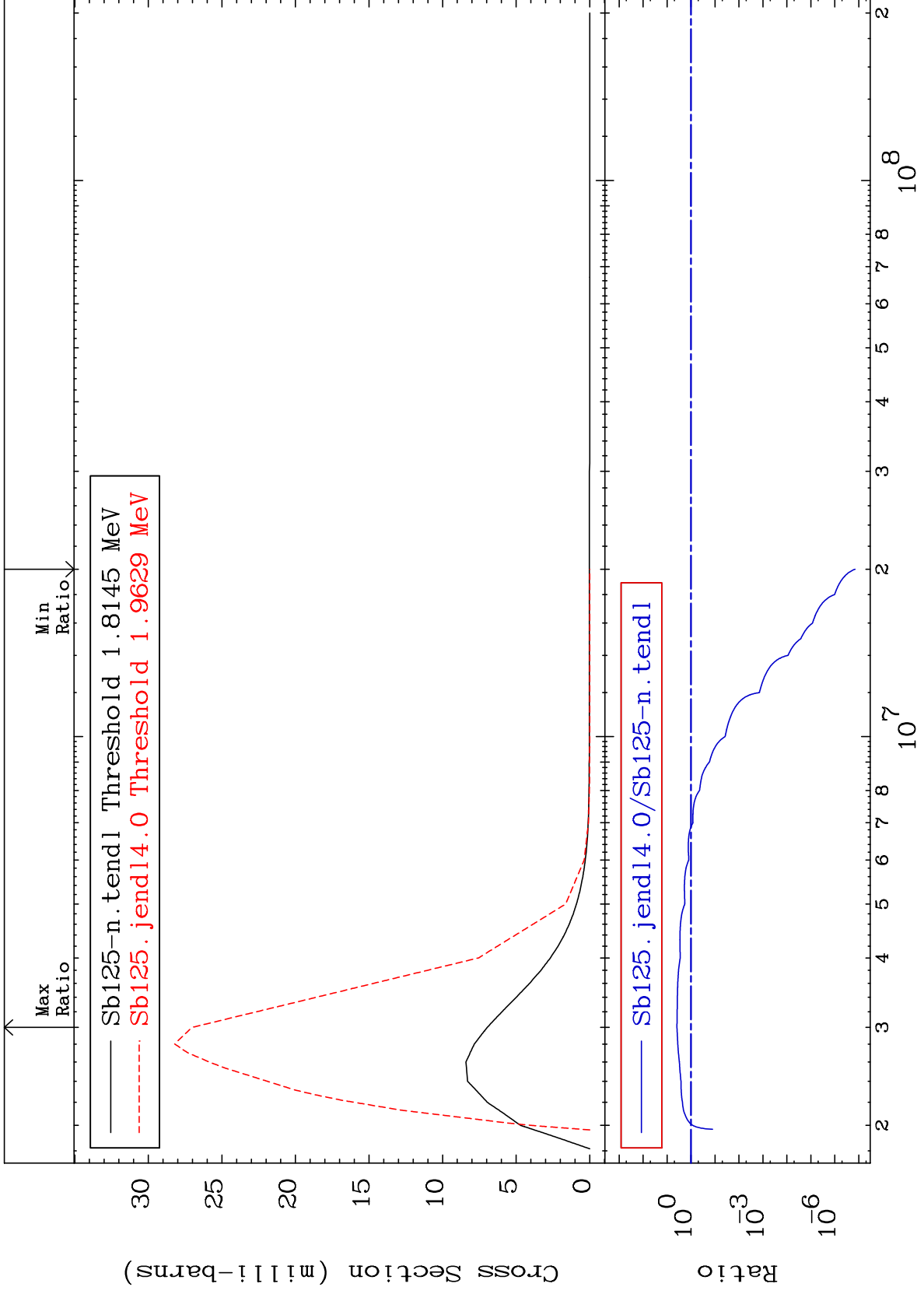
51-Sb-125
-100.0 To 326.6 %



MAT 5137

1.800 MeV (n,n') Level
Cross Section

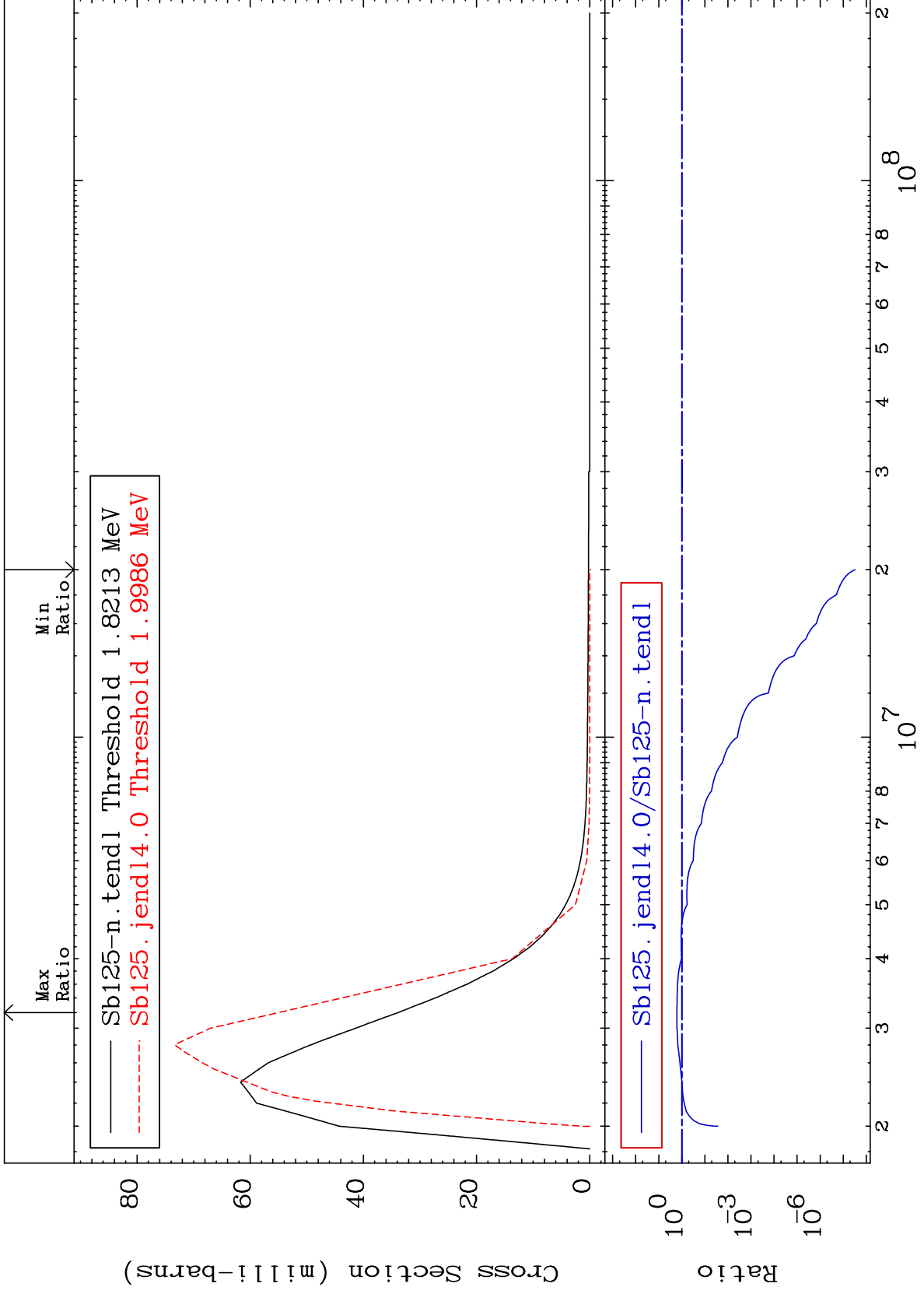
51-Sb-125
-100.0 To 288.3 %



MAT 5137

1.807 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To 62.54 %



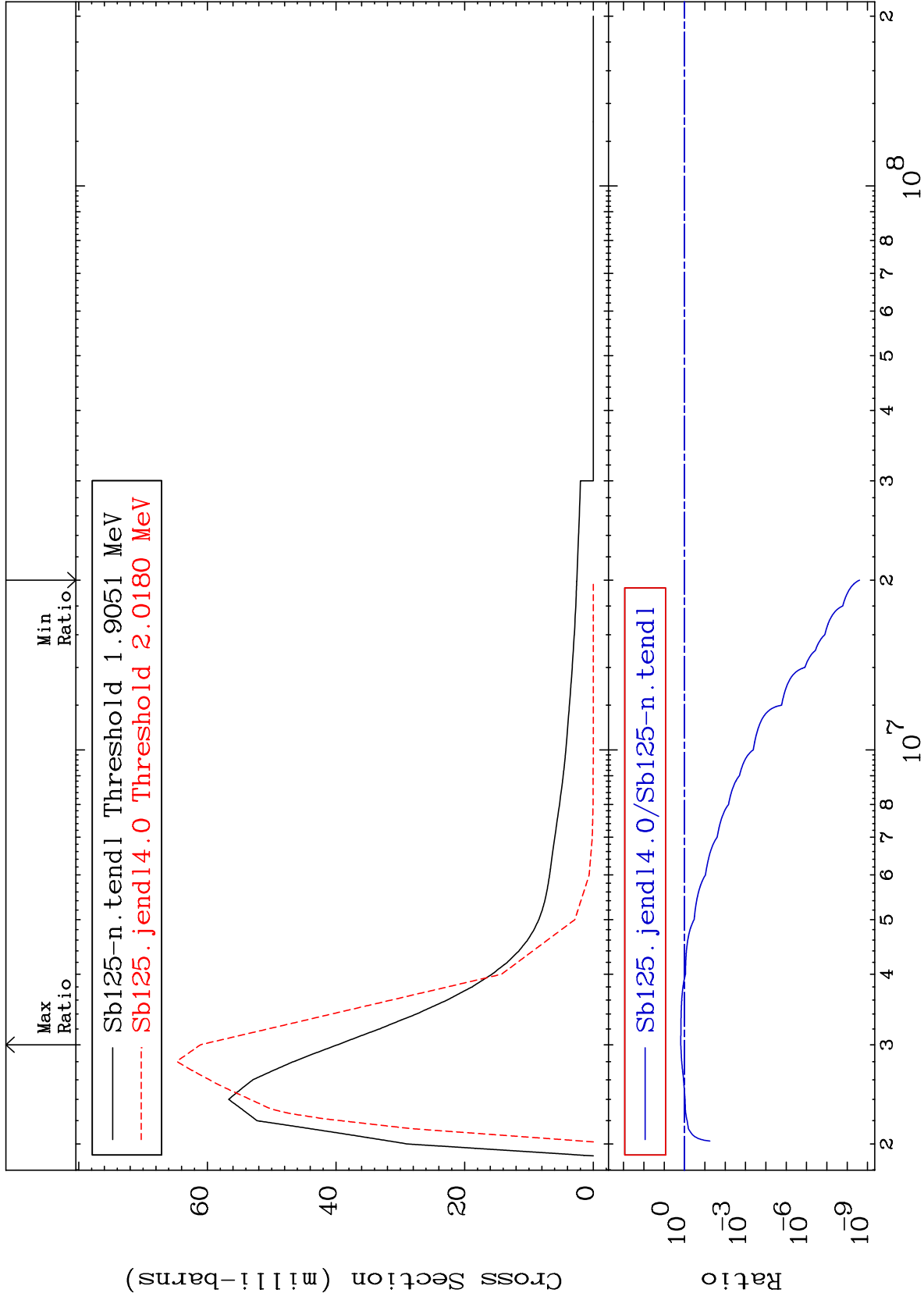
MAT 5137

1.890 MeV (n,n') Level

51-Sb-125

-100.0 To 53.69 %

Cross Section



25

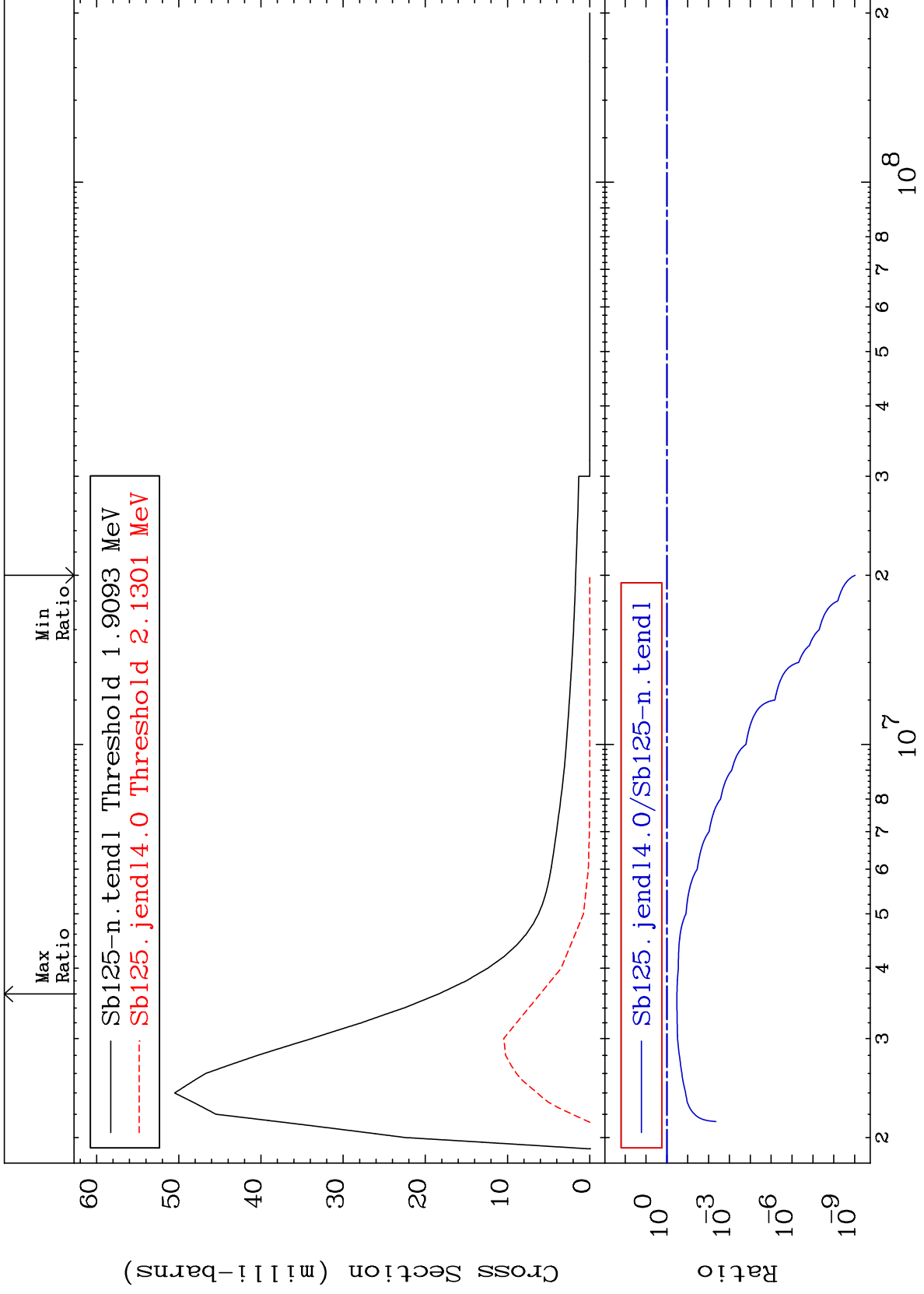
Incident Energy (eV)

51-Sb-125

MAT 5137

1.894 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To -67.14%



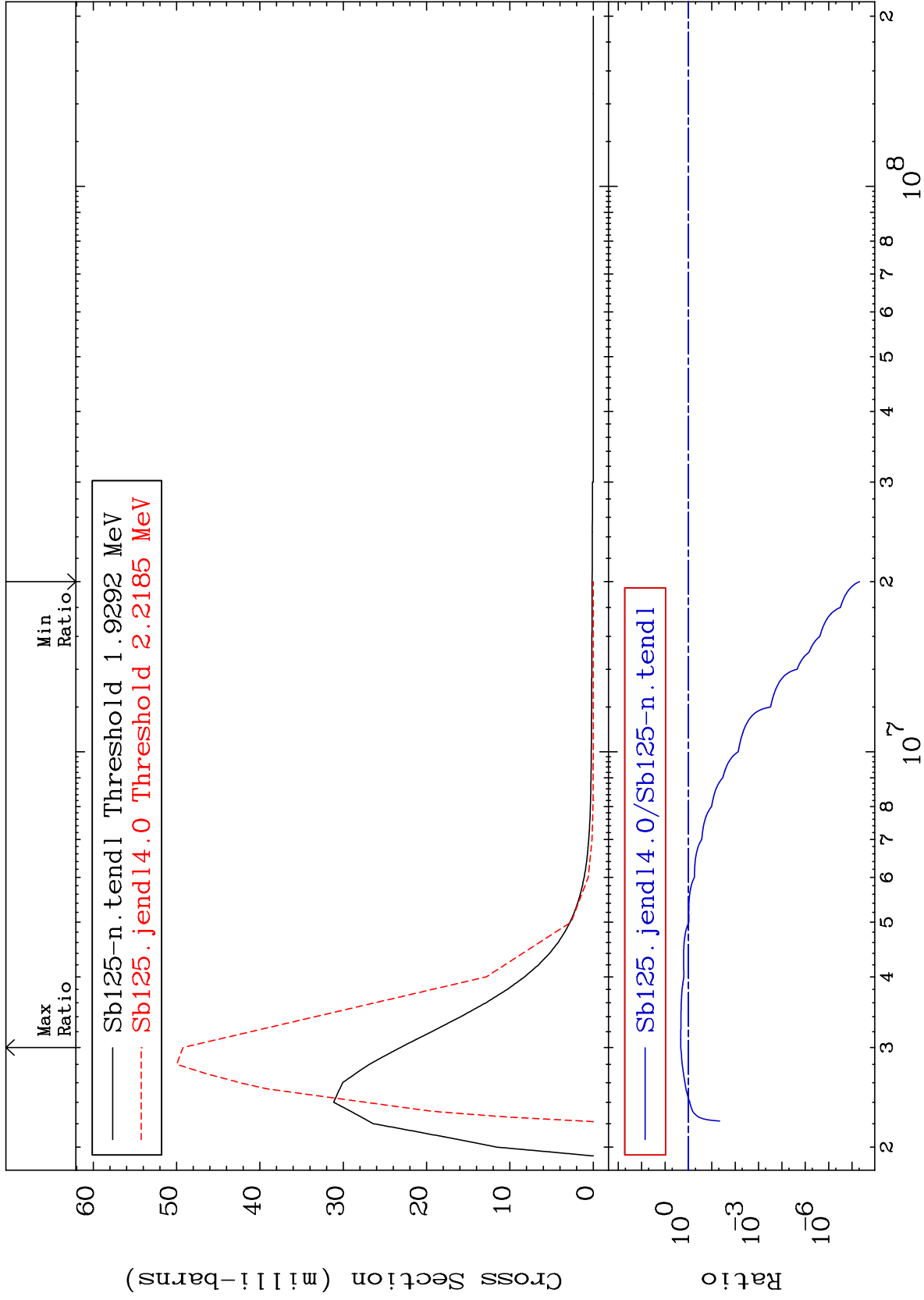
MAT 5137

1.914 MeV (n,n') Level

51-Sb-125

-100.0 To 112.8 %

Cross Section



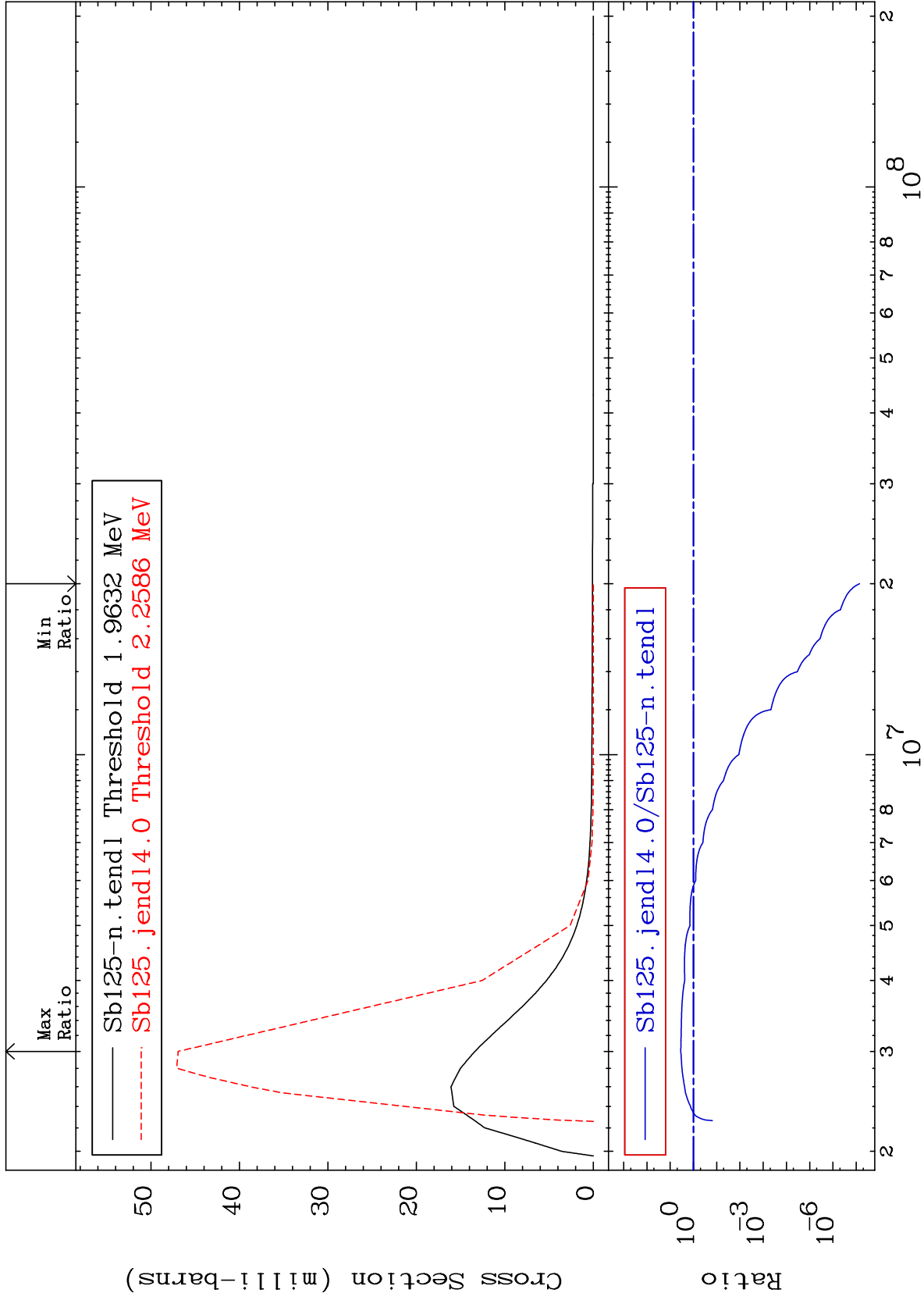
MAT 5137

1.947 MeV (n,n') Level

51-Sb-125

-100.0 To 250.7 %

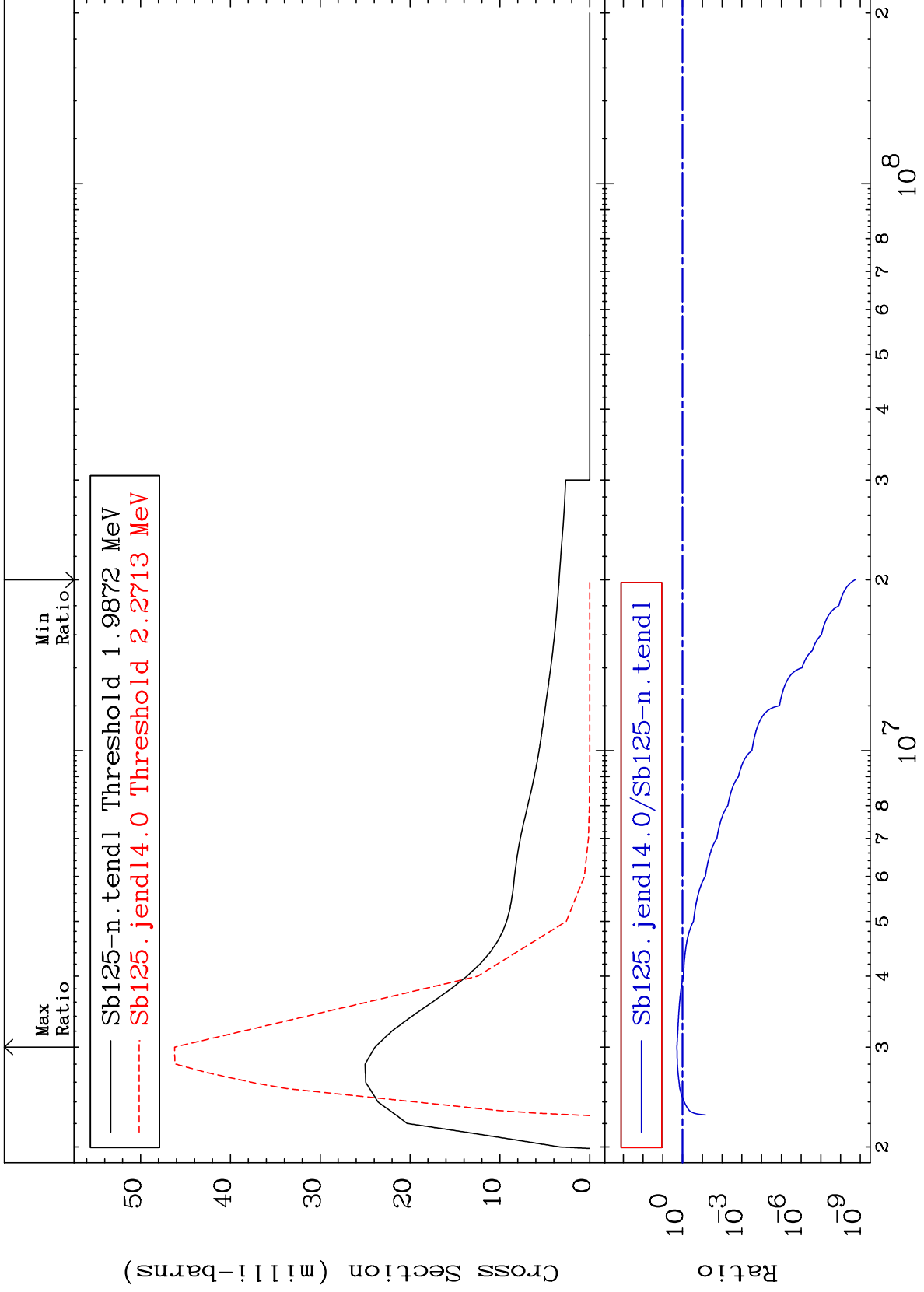
Cross Section



MAT 5137

1.971 MeV (n,n') Level
Cross Section

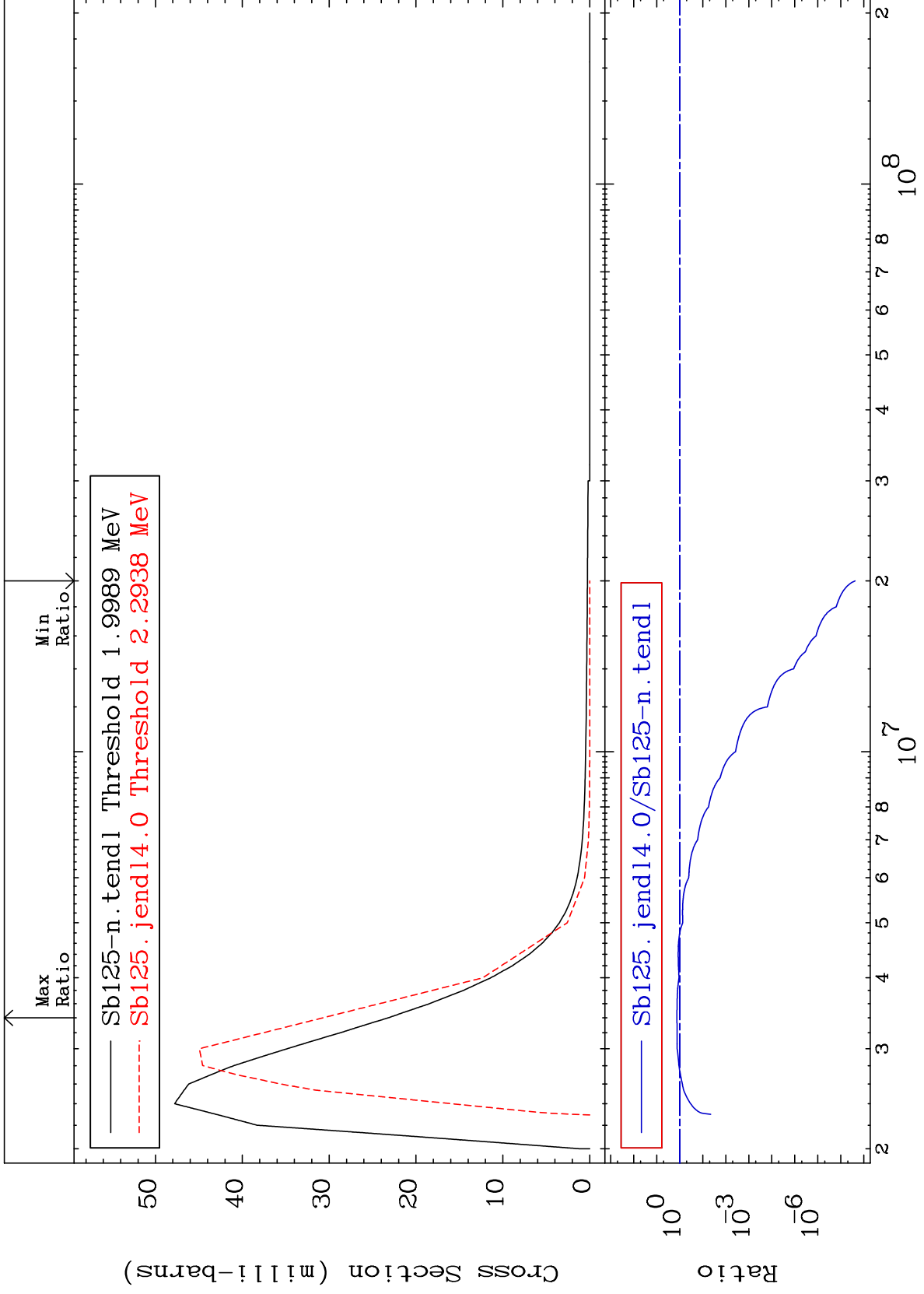
51-Sb-125
-100.0 To 93.32 %



MAT 5137

1.983 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To 32.47 %



30

Incident Energy (eV)

51-Sb-125

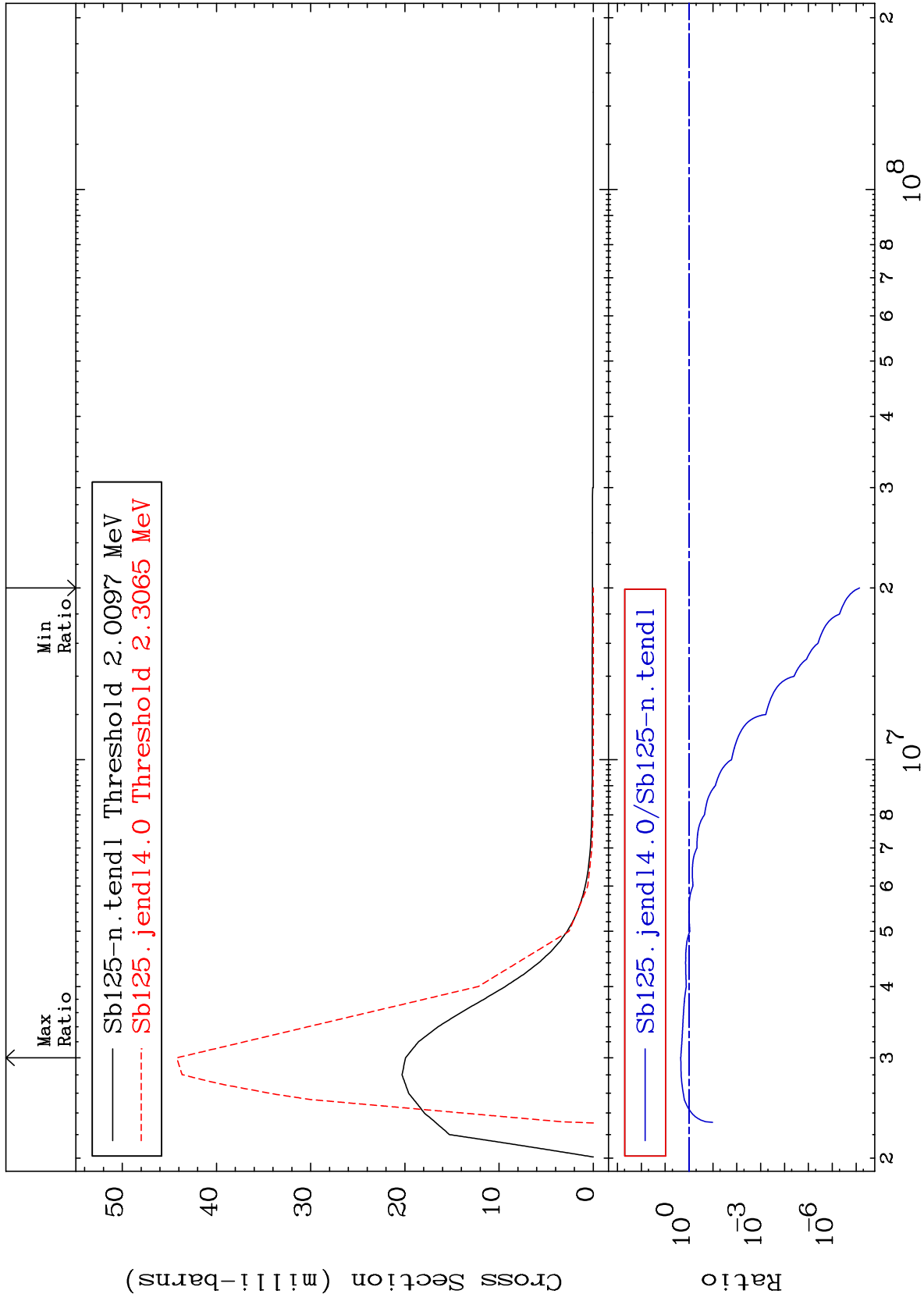
MAT 5137

1.994 MeV (n,n') Level

51-Sb-125

-100.0 To 121.9 %

Cross Section



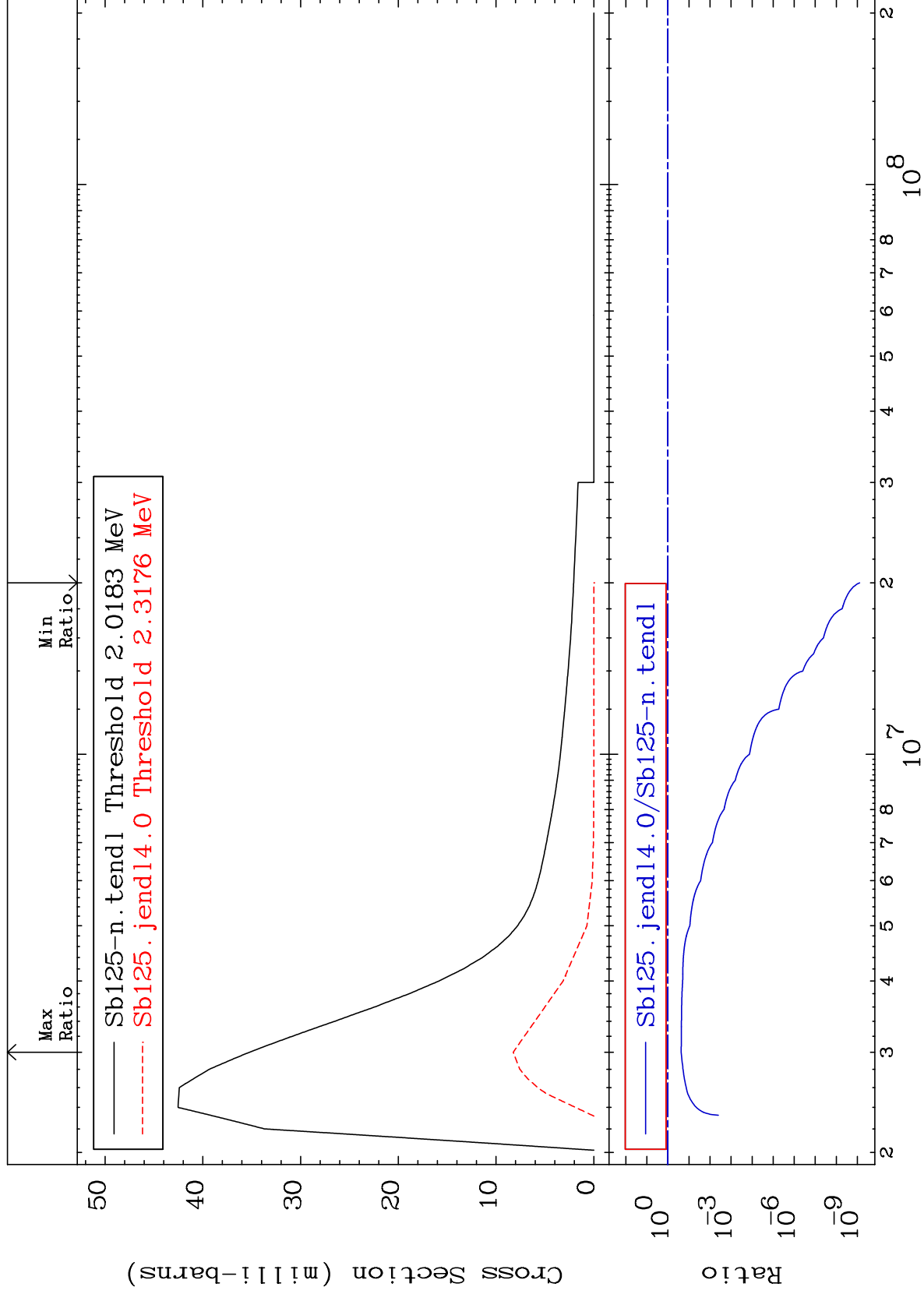
MAT 5137

2.002 MeV (n,n') Level

51-Sb-125

-100.0 To -76.59%

Cross Section



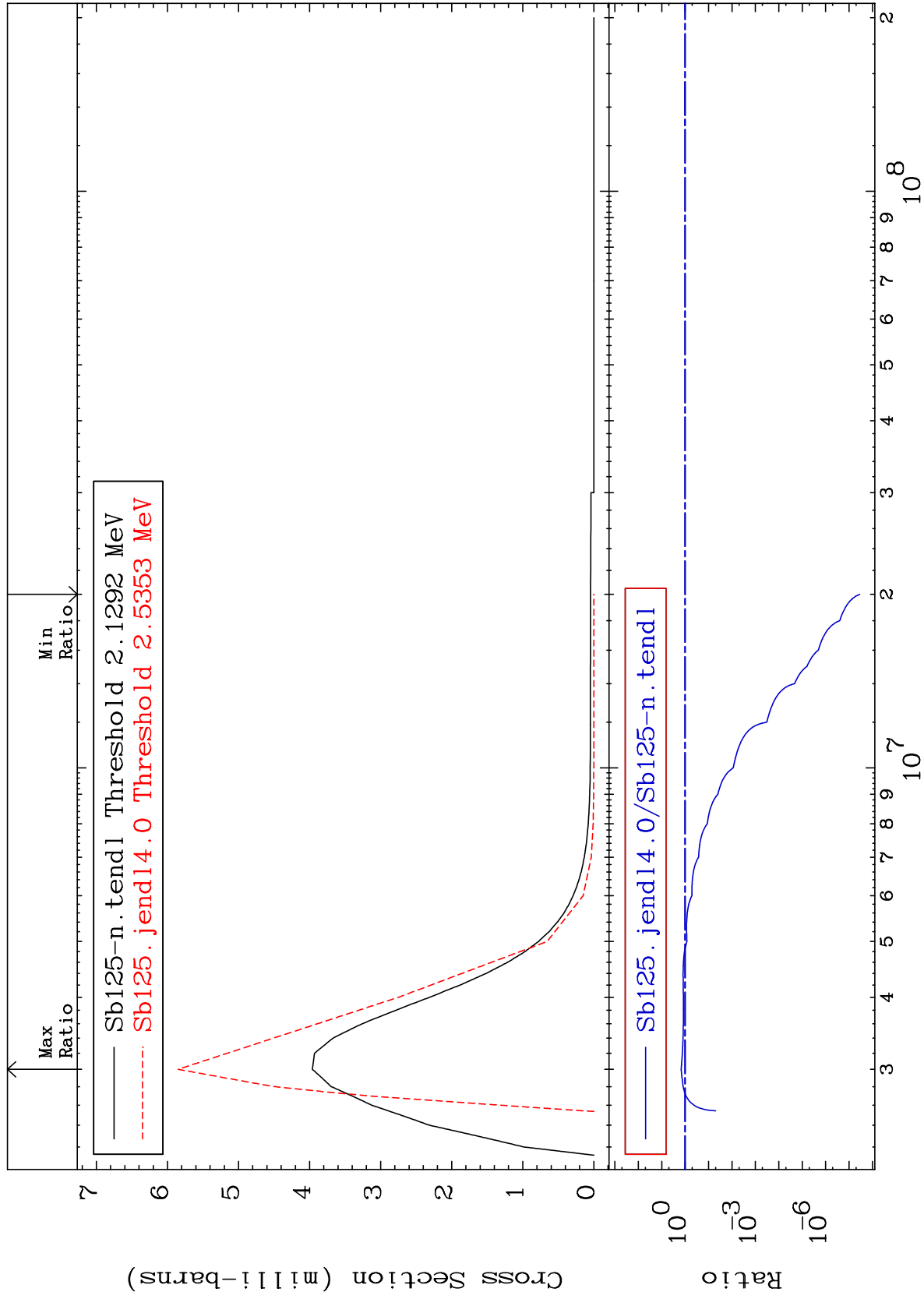
MAT 5137

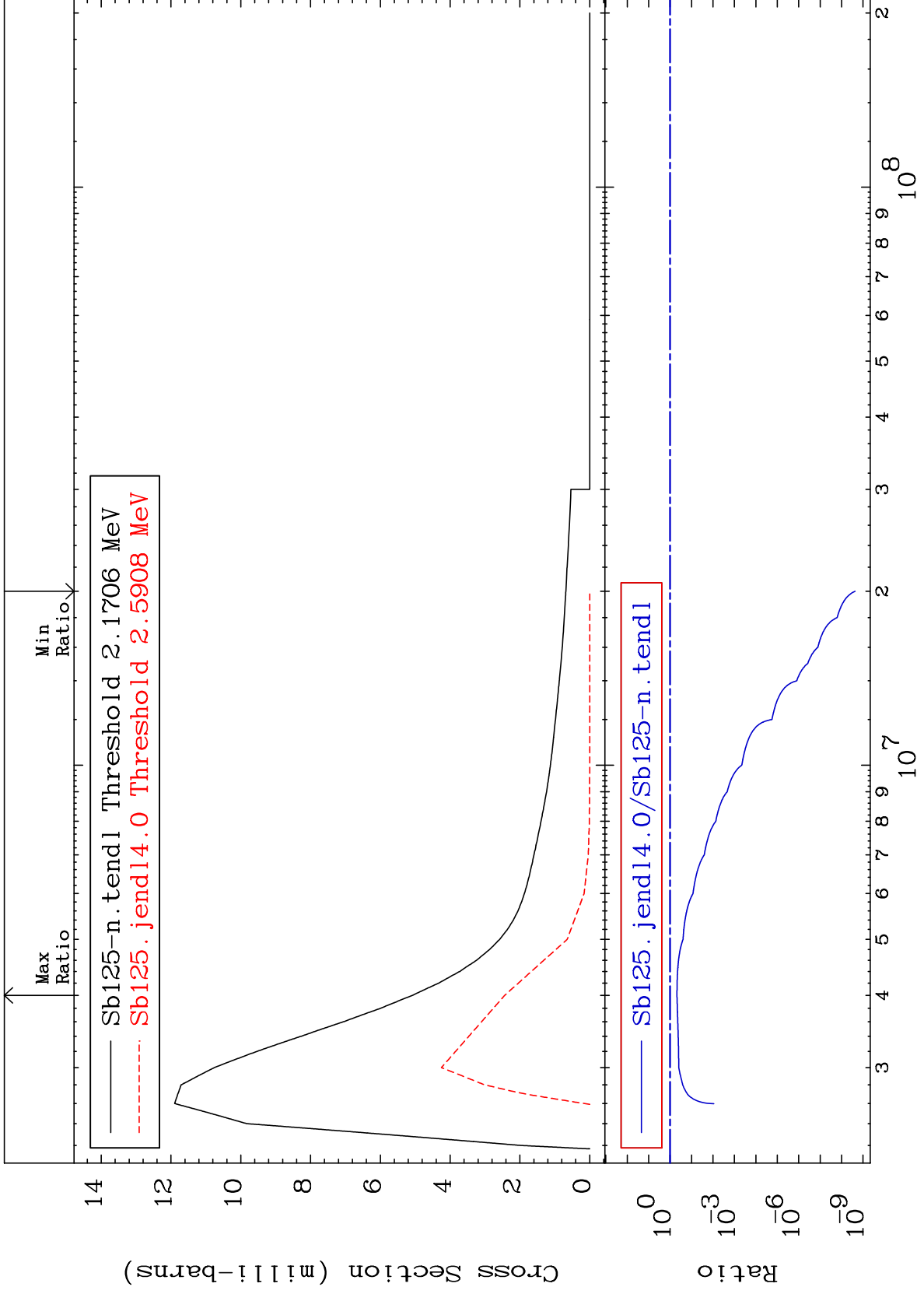
2.112 MeV (n,n') Level

51-Sb-125

-100.0 To 47.74 %

Cross Section





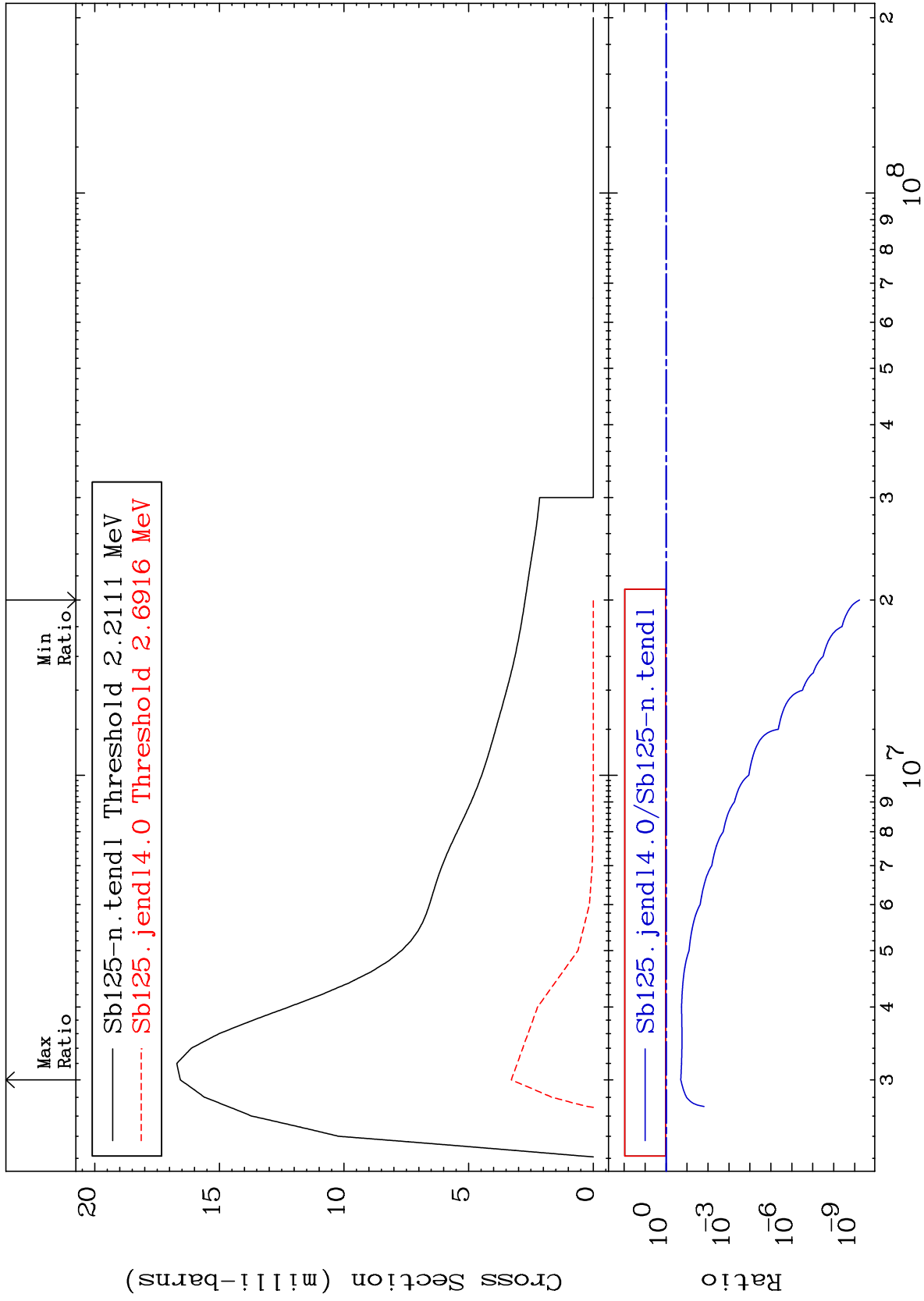
MAT 5137

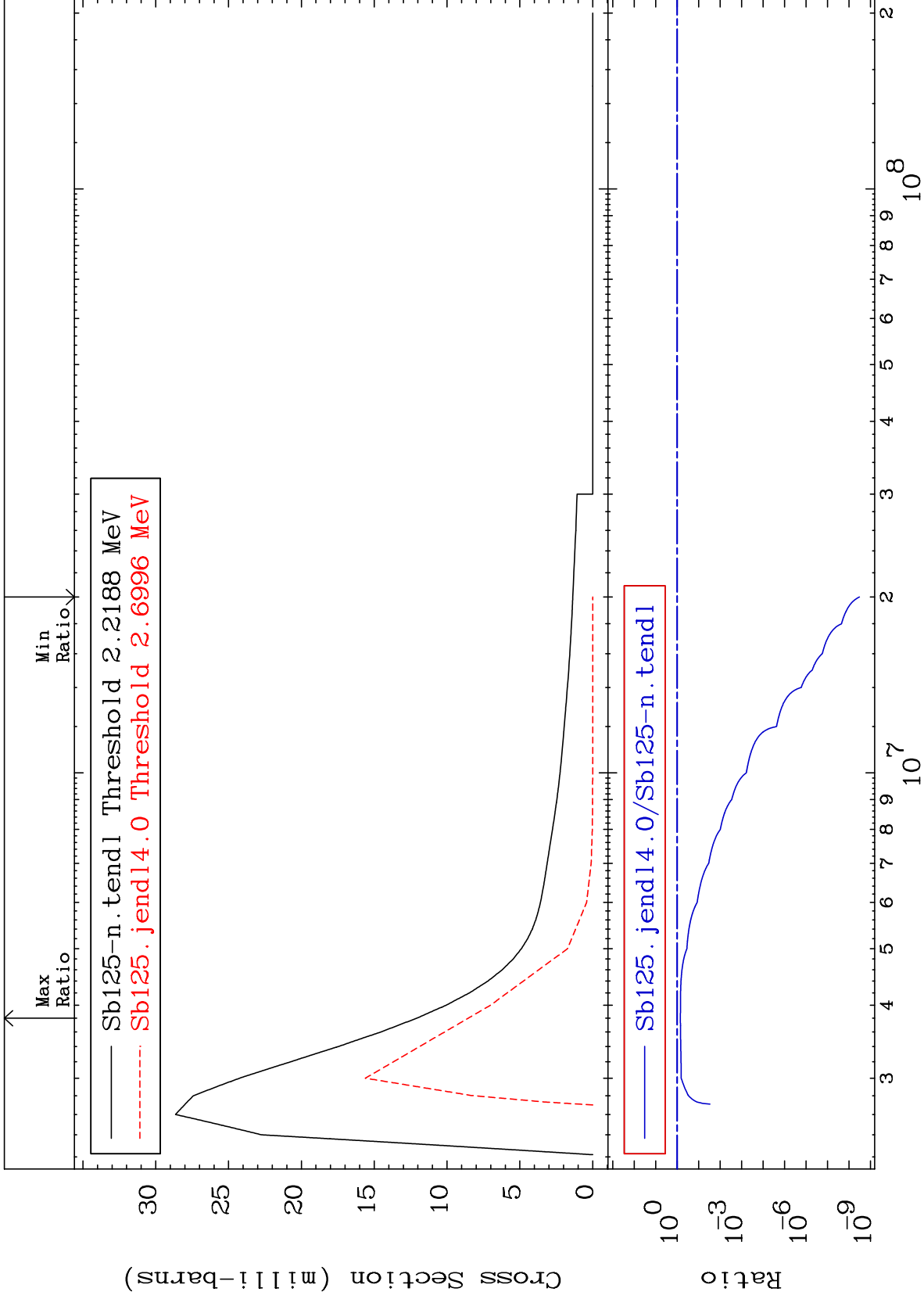
2.193 MeV (n,n') Level

51-Sb-125

-100.0 To -80.16%

Cross Section

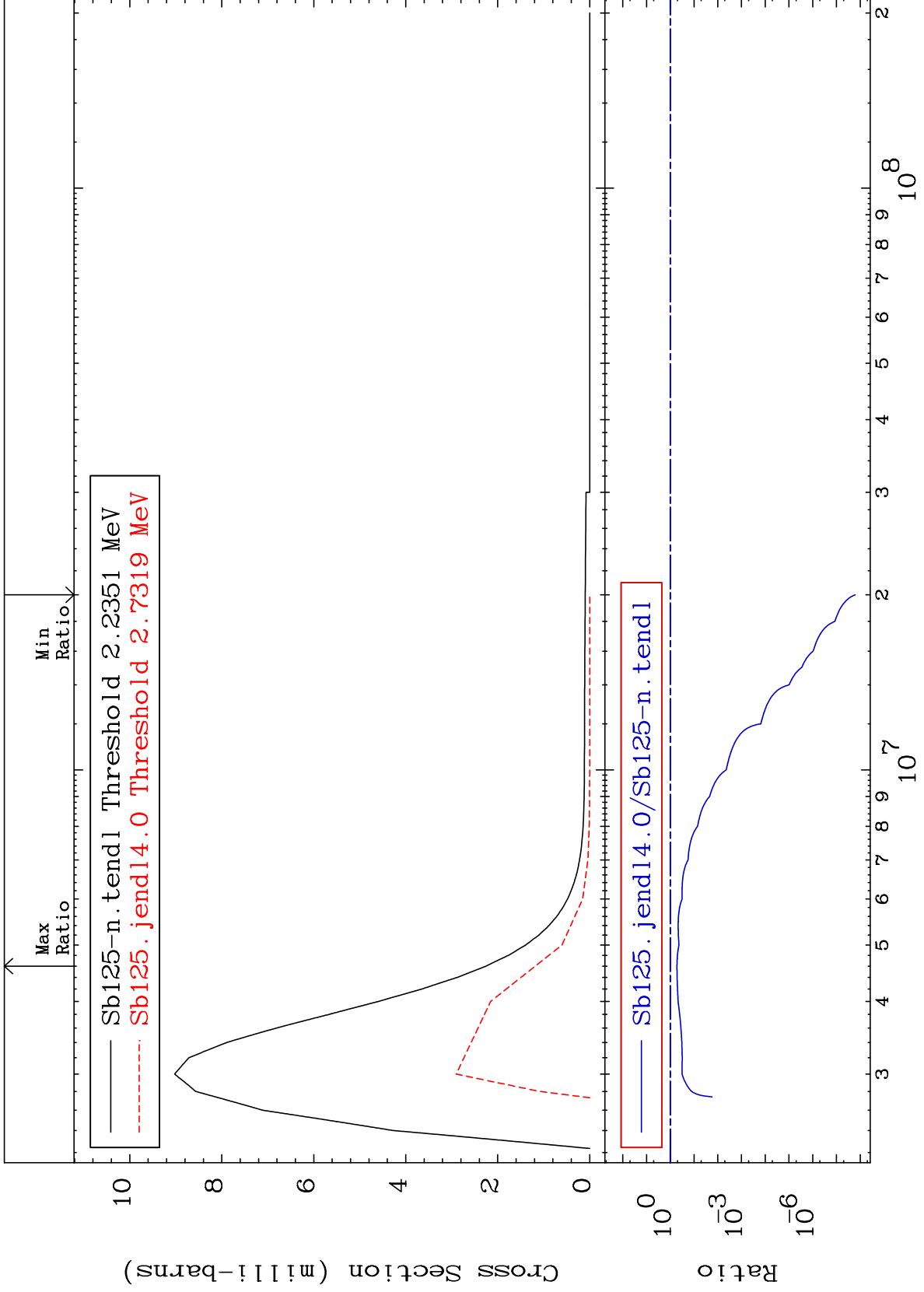


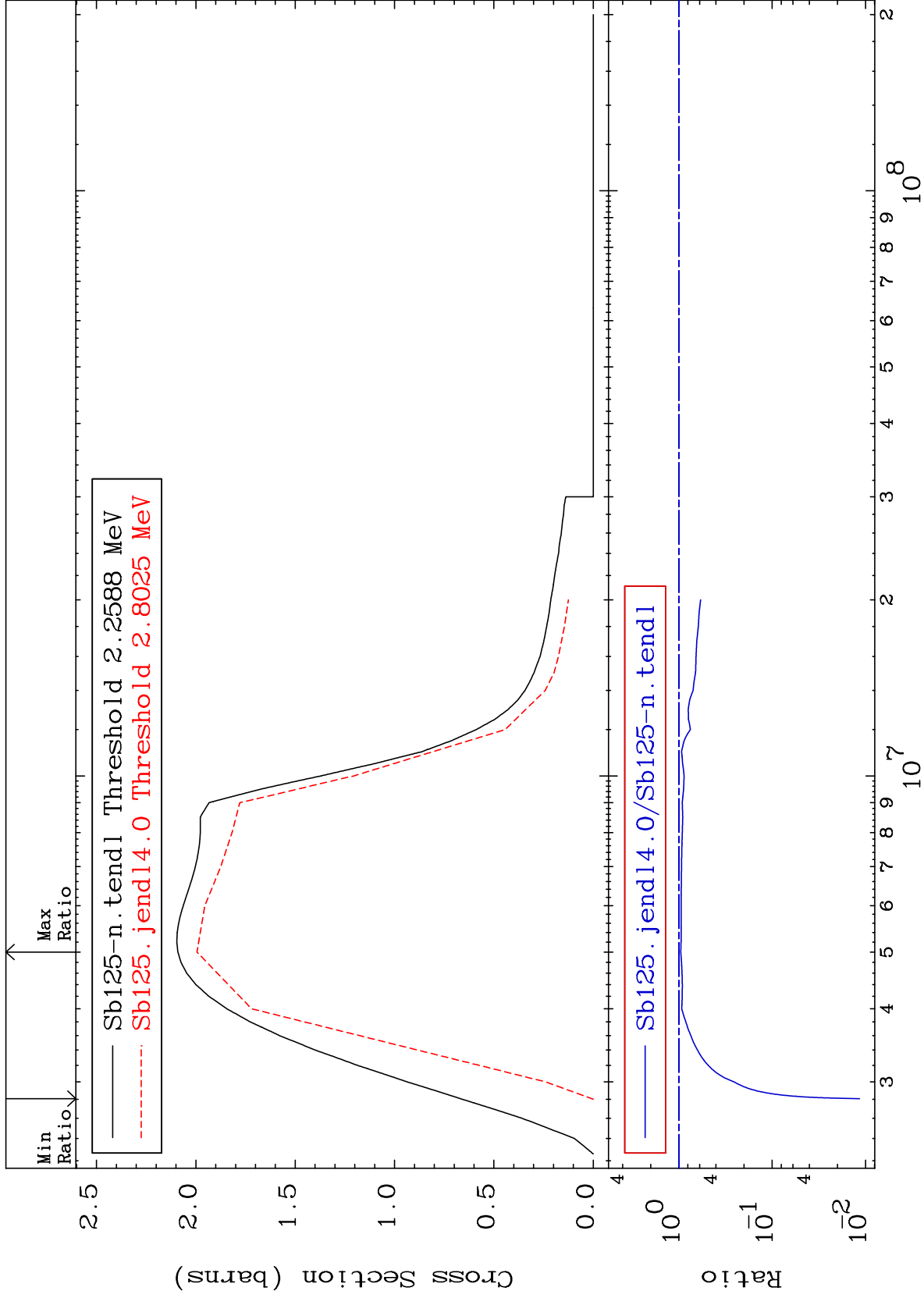


MAT 5137

2.217 MeV (n,n') Level
Cross Section

51-Sb-125
-100.0 To -47.55%

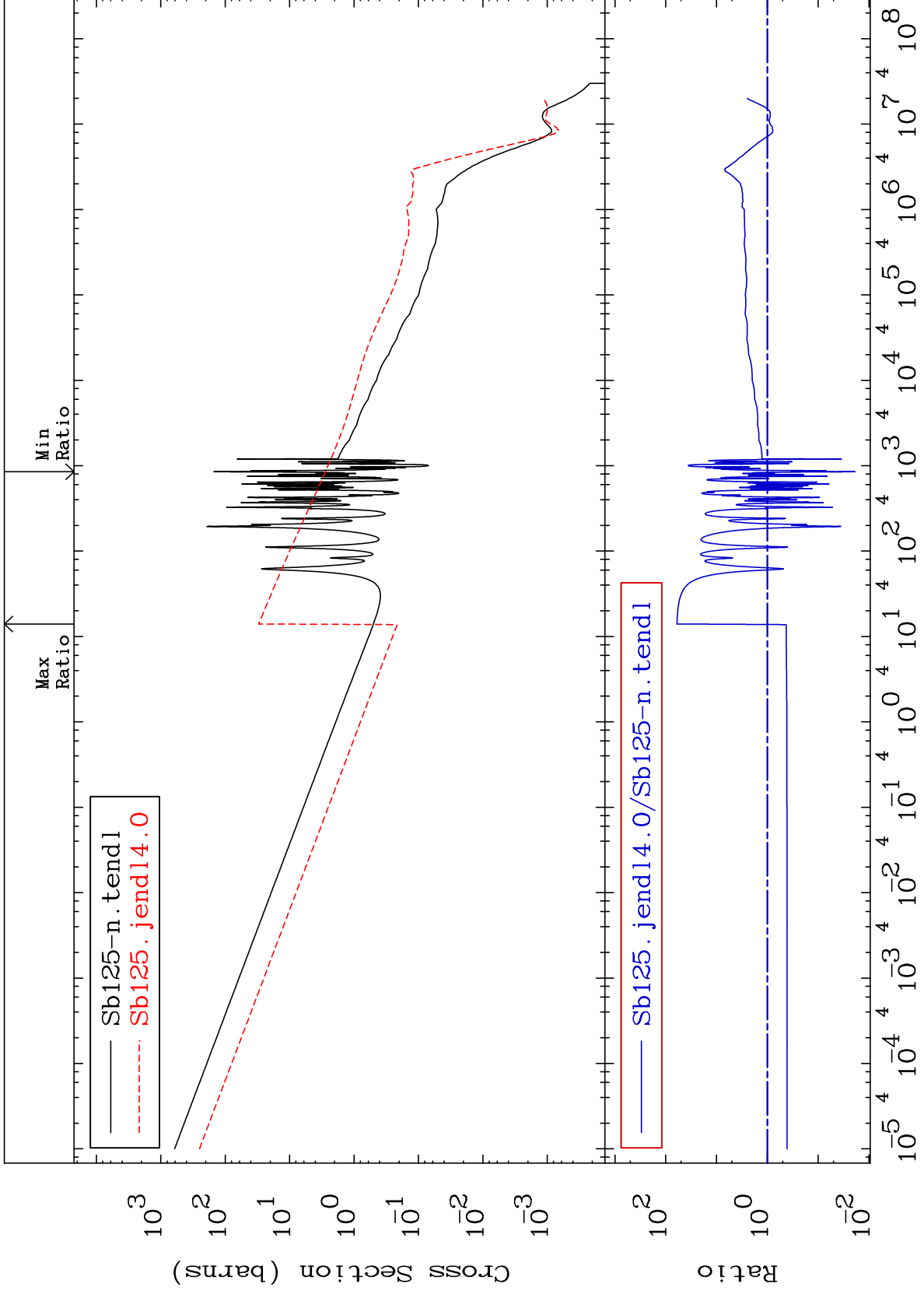




MAT 5137

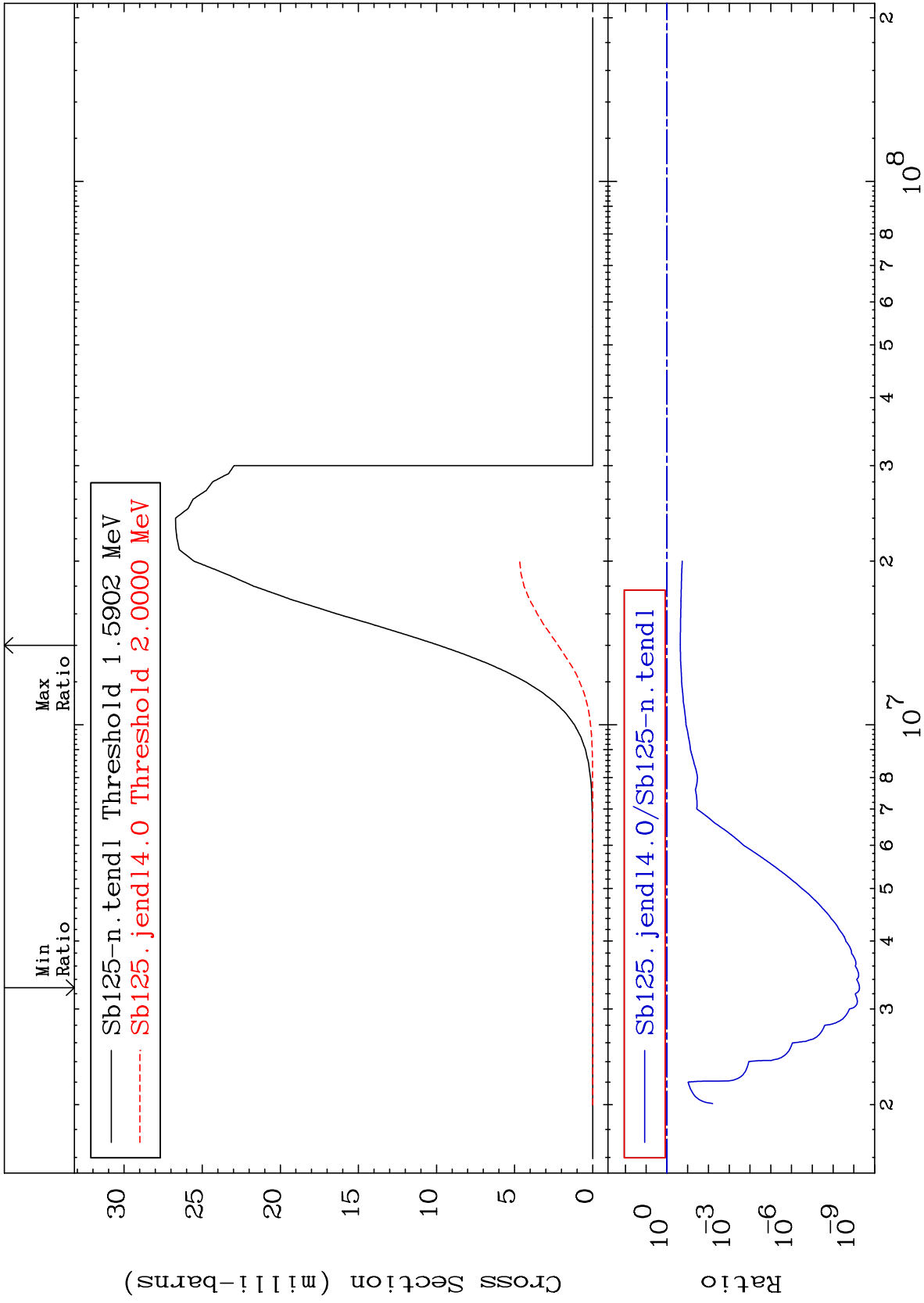
51-Sb-125
-98.13 To 5930. %

(n, γ)
Cross Section



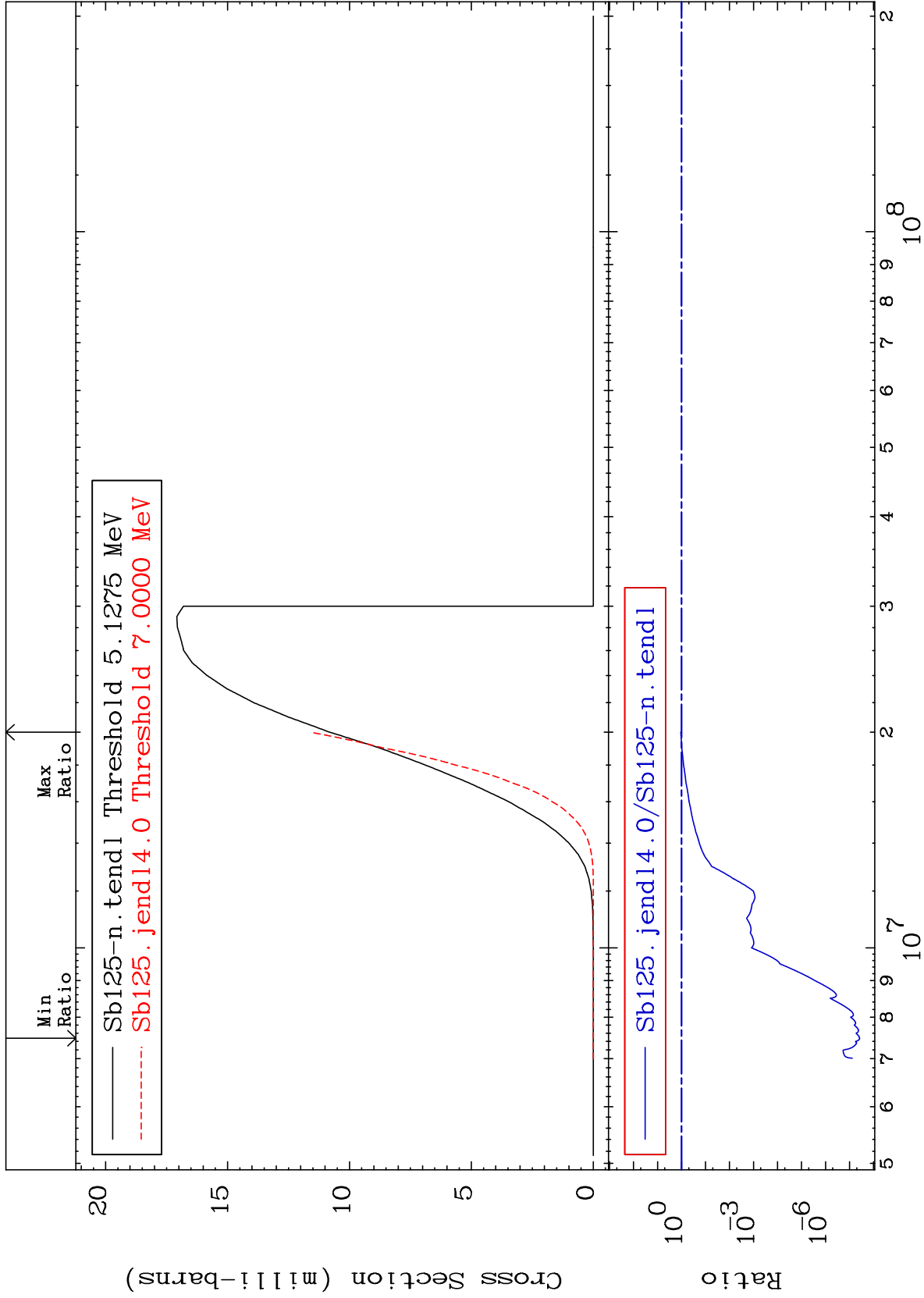
MAT 5137

(n,p)
Cross Section
51-Sb-125
-100.0 To -77.48%



Cross Section

-100.0 To 7.452 %



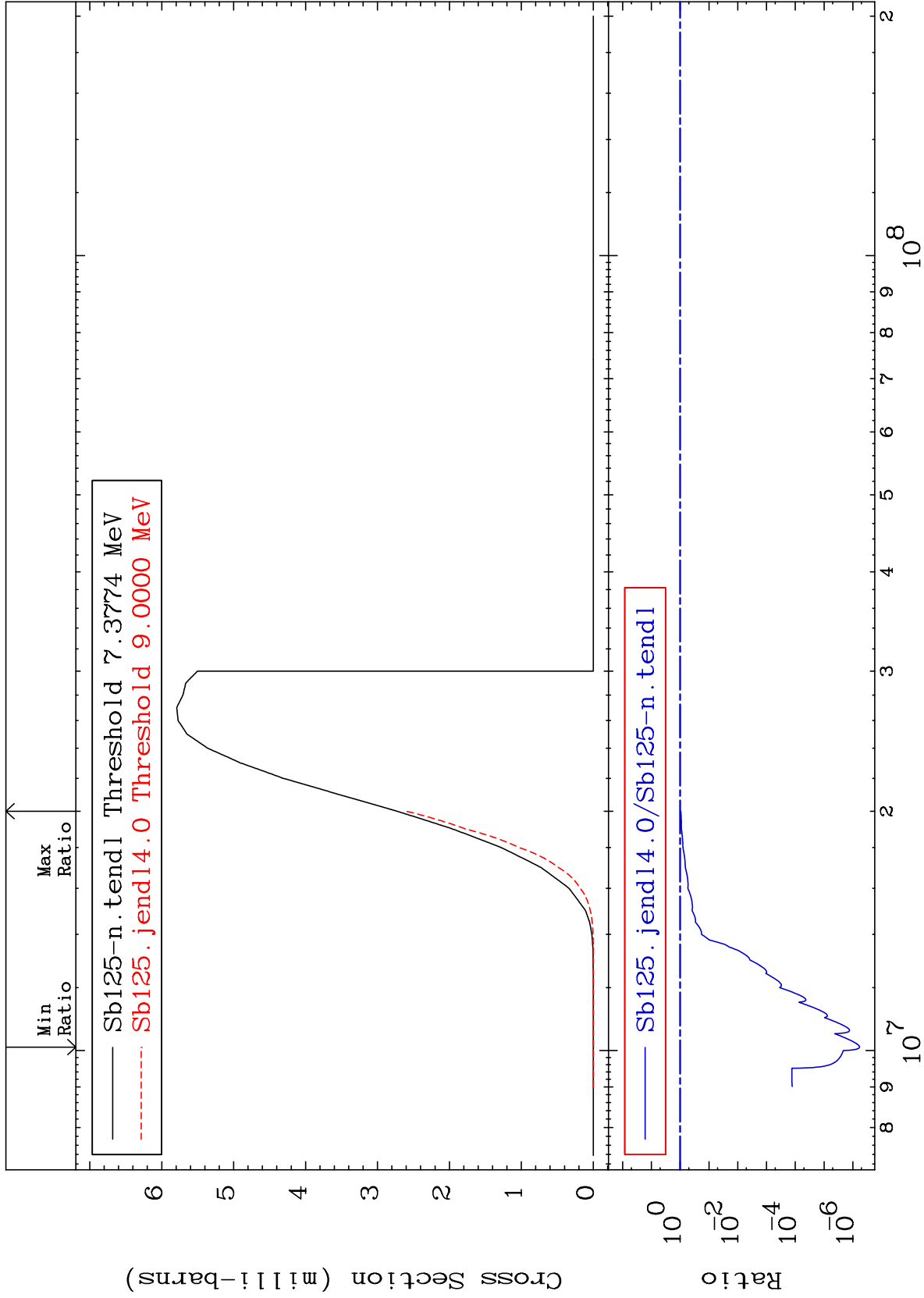
MAT 5137

(n, t)

51-Sb-125

Cross Section

-100.0 To -4.619%



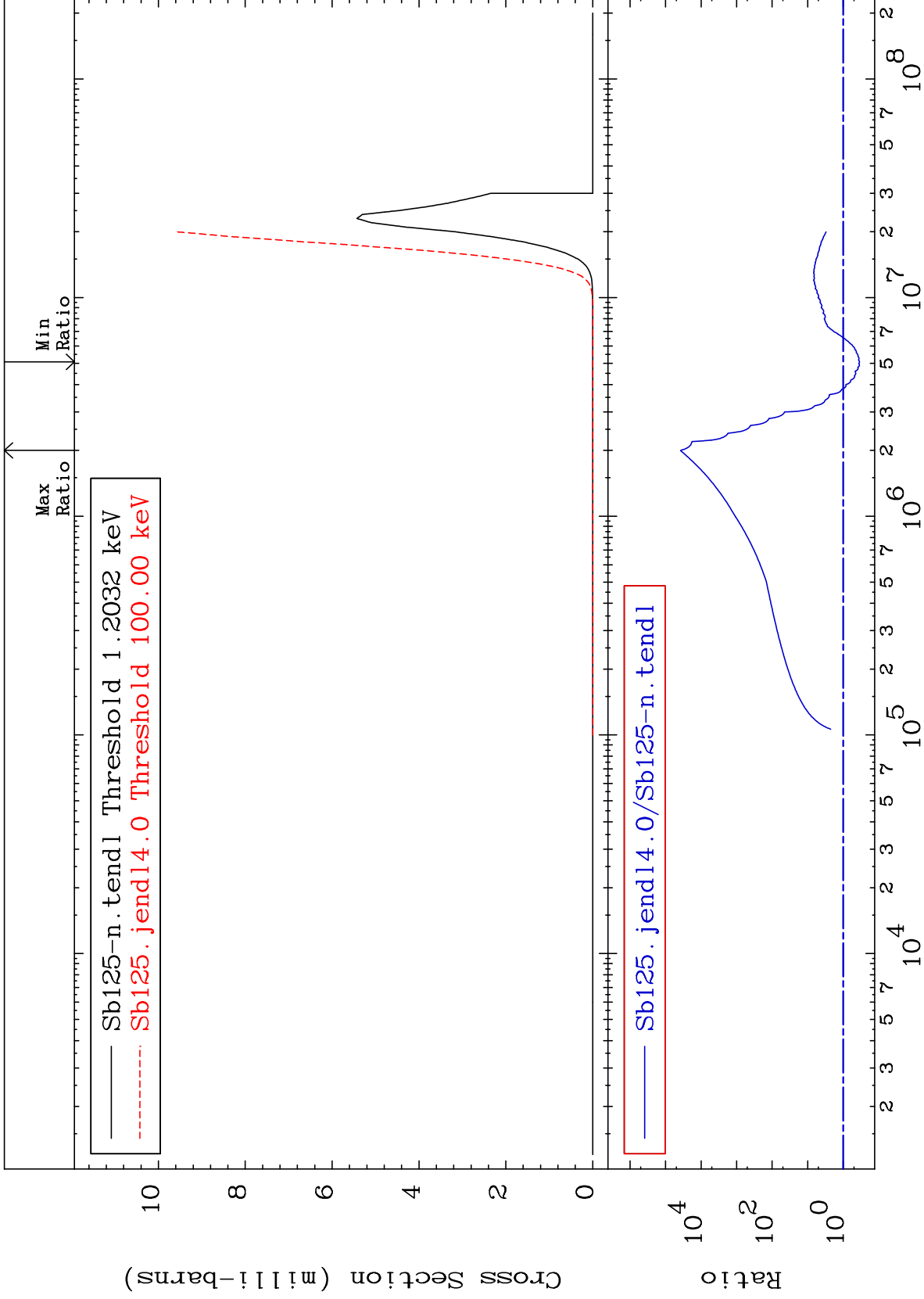
MAT 5137

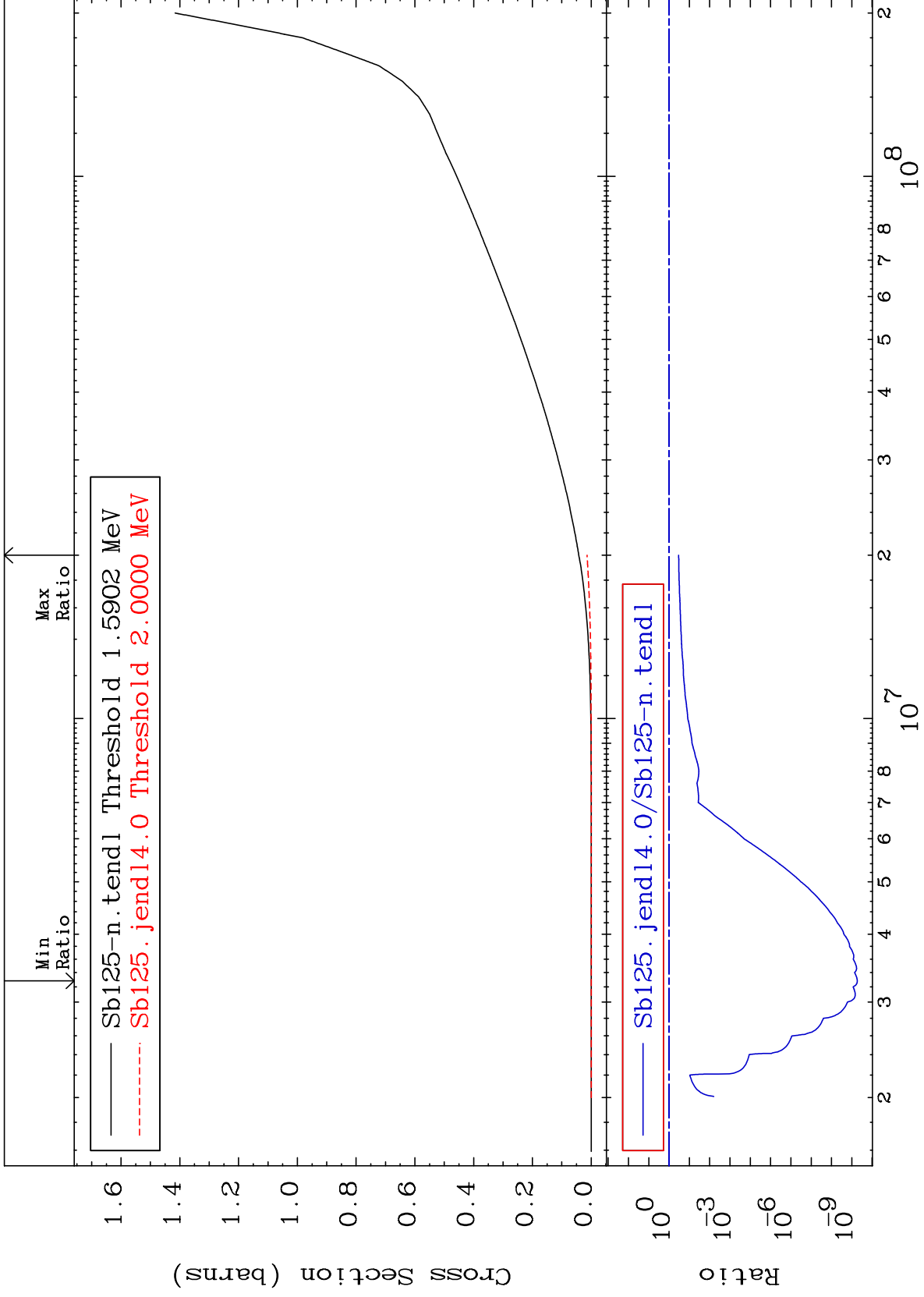
(n, α)

51-Sb-125

Cross Section

-65.04 To 9999. %

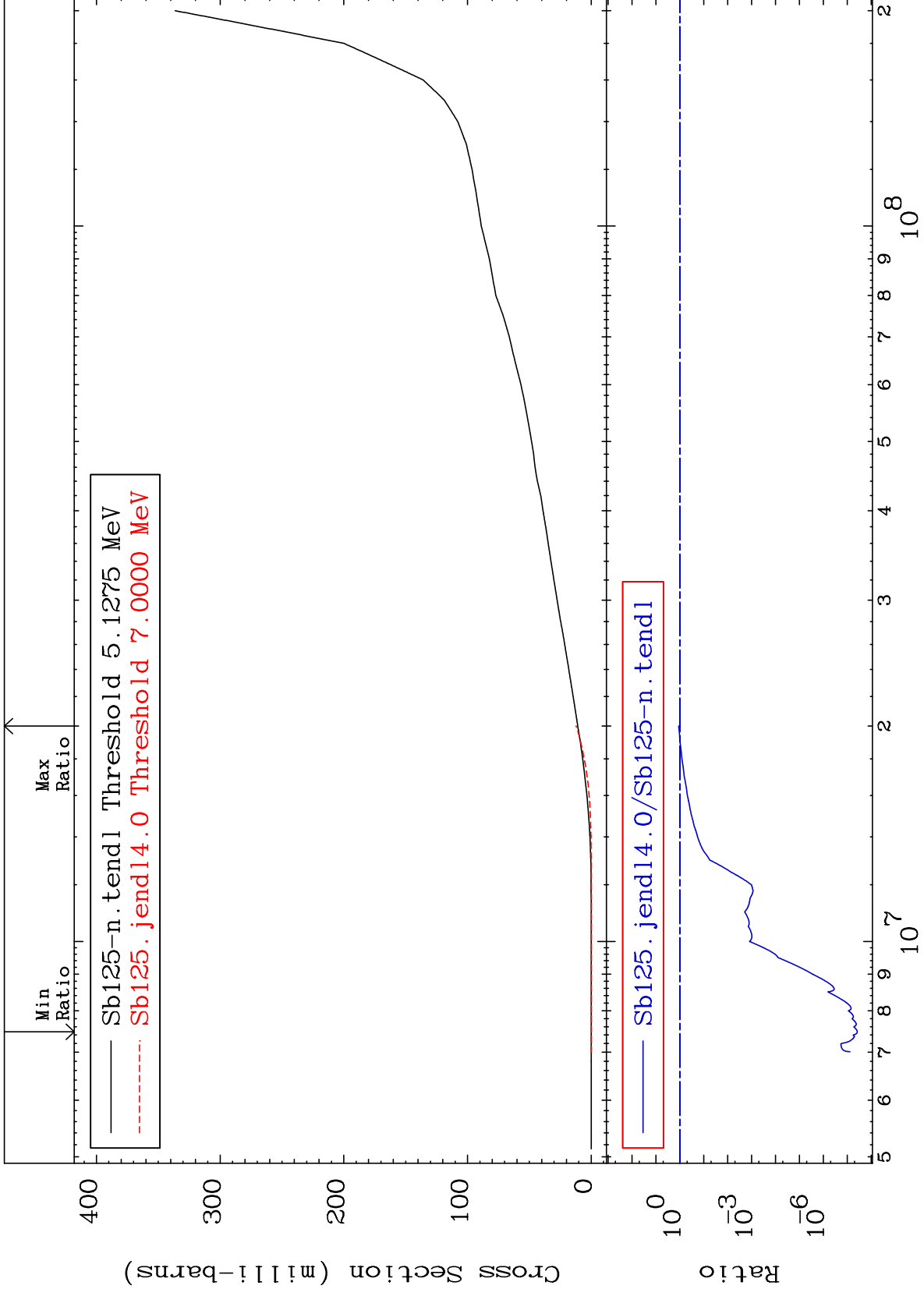




MAT 5137

Deuterium Production
Cross Section

51-Sb-125
-100.0 To 12.24 %



45

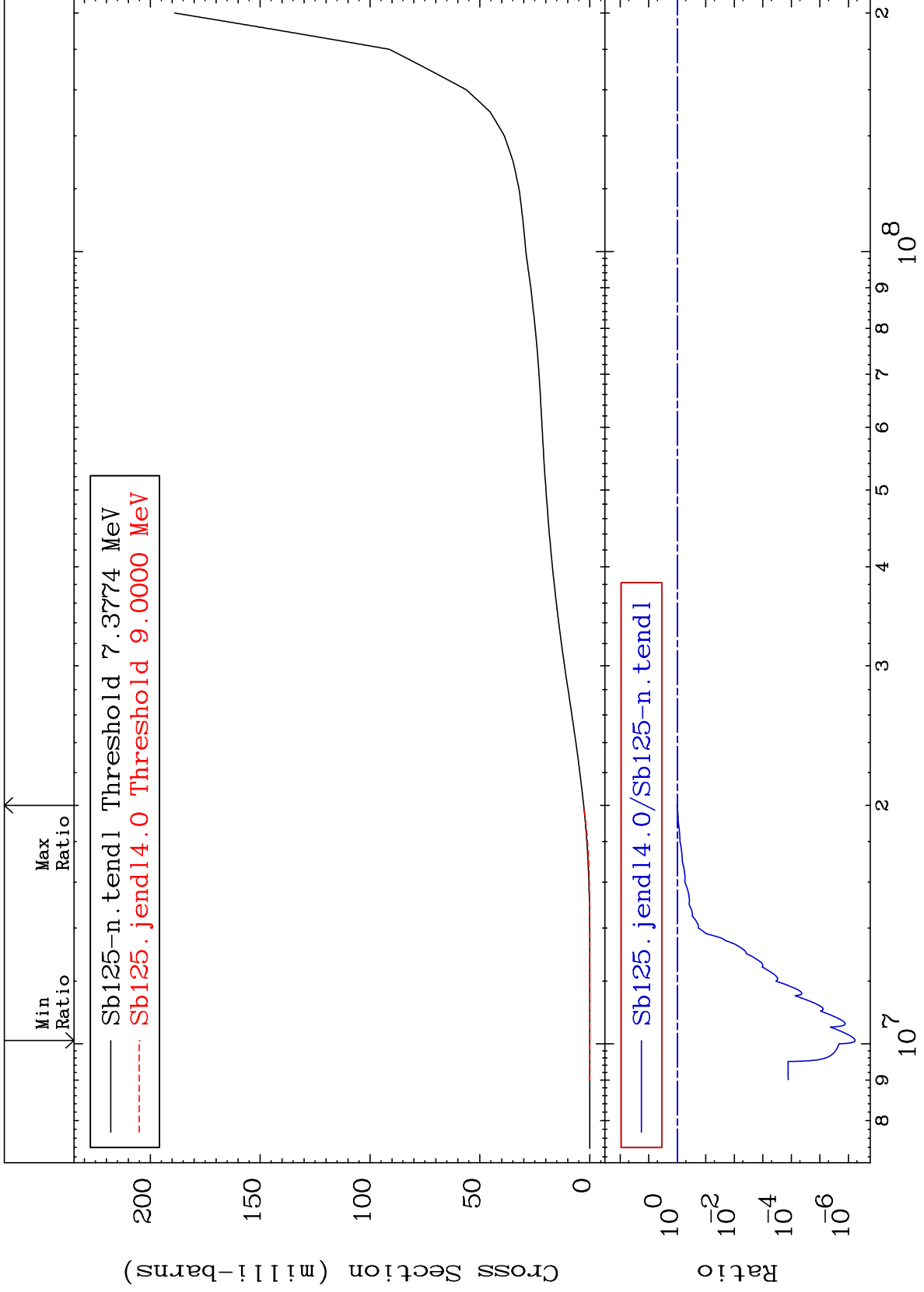
Incident Energy (eV)

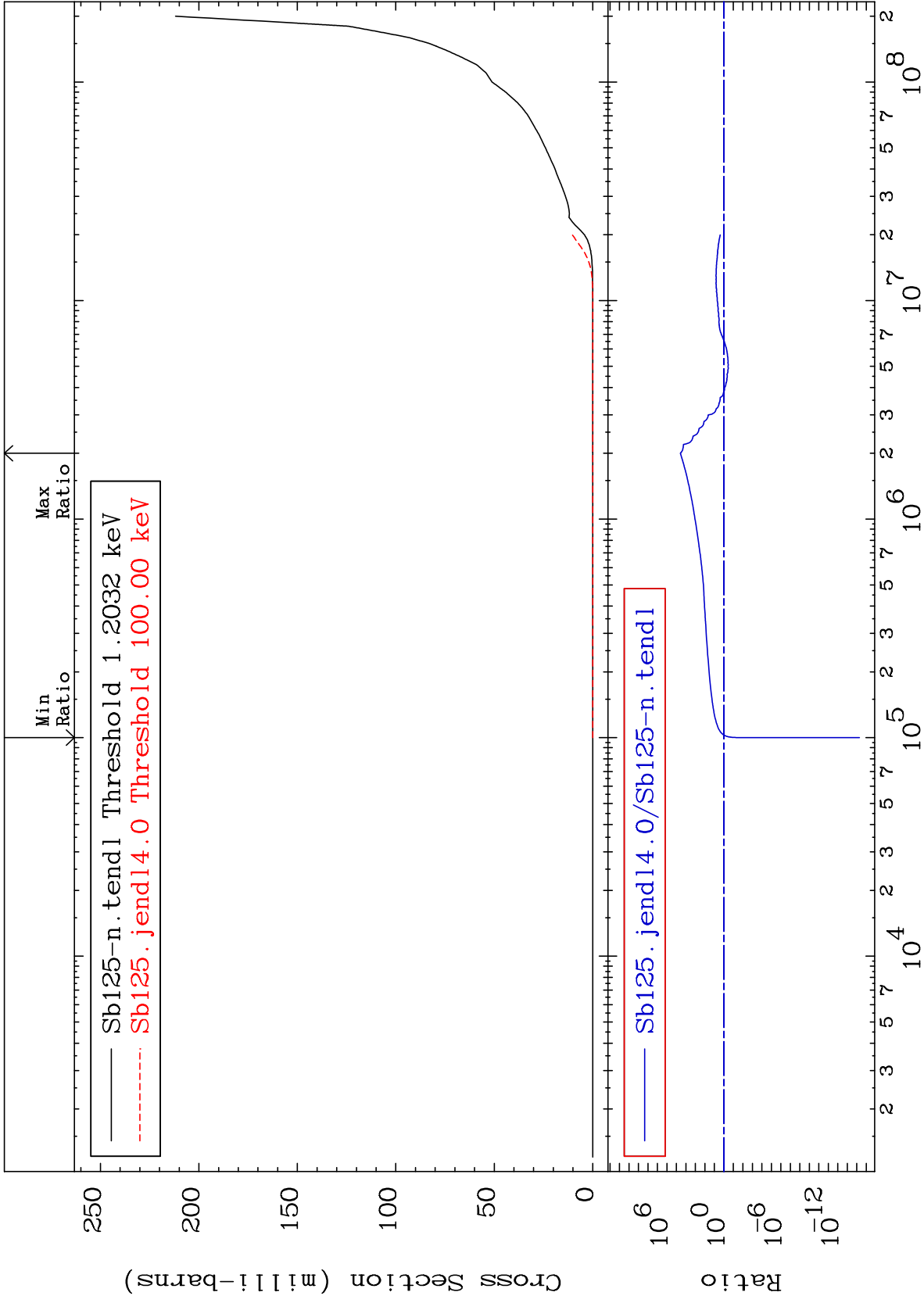
51-Sb-125

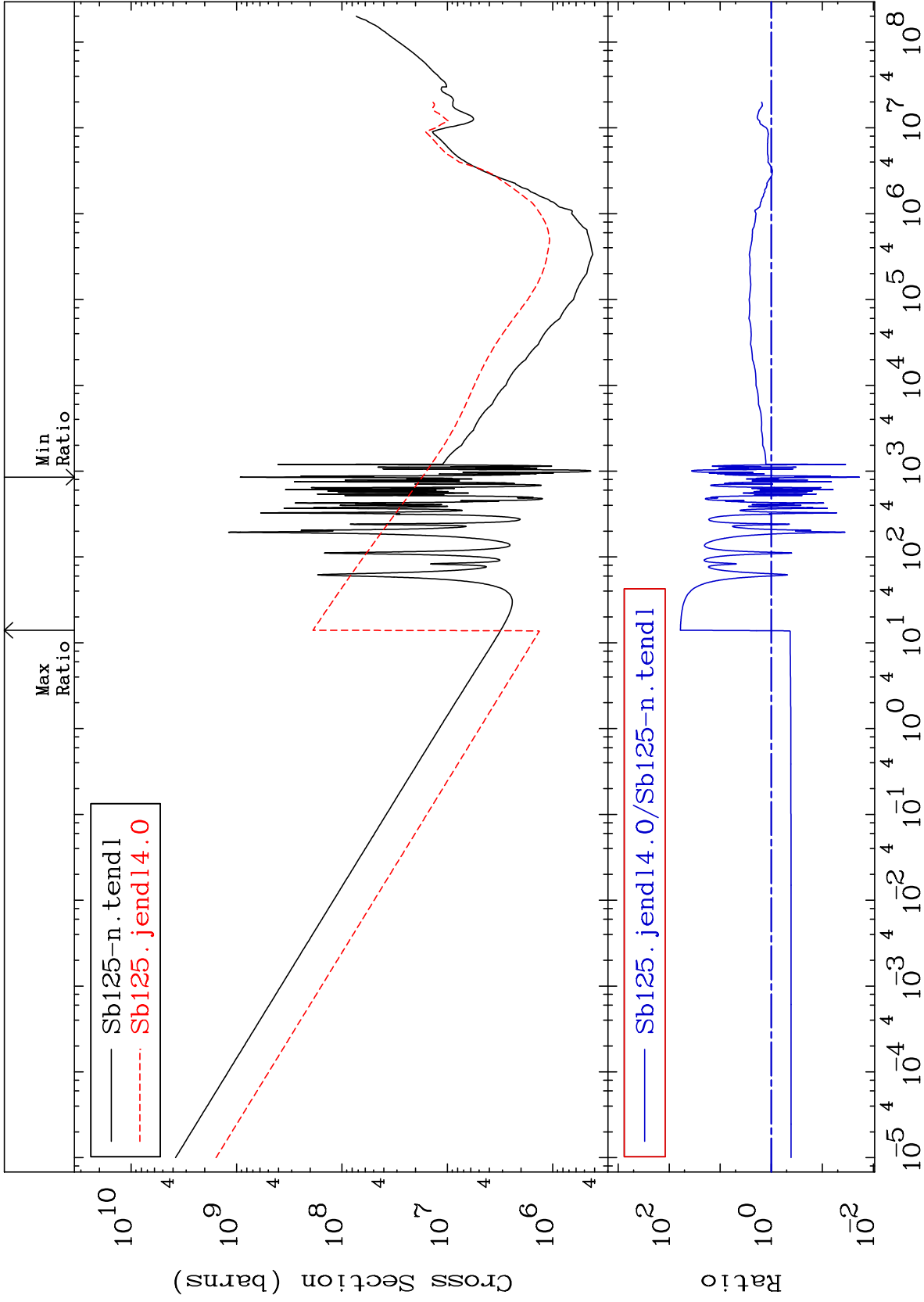
MAT 5137

Tritium Production
Cross Section

51-Sb-125
-100.0 To 2.449 %



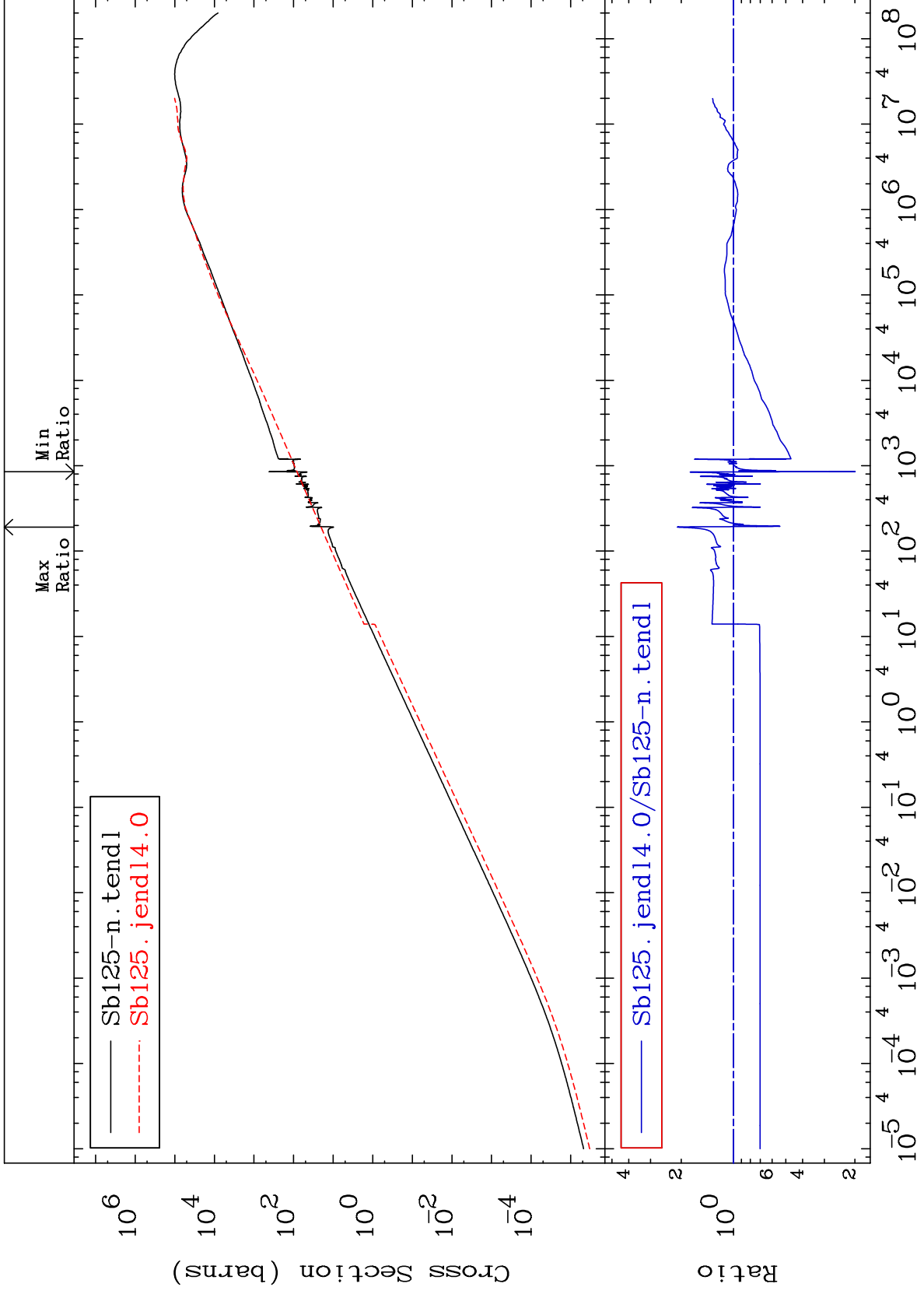


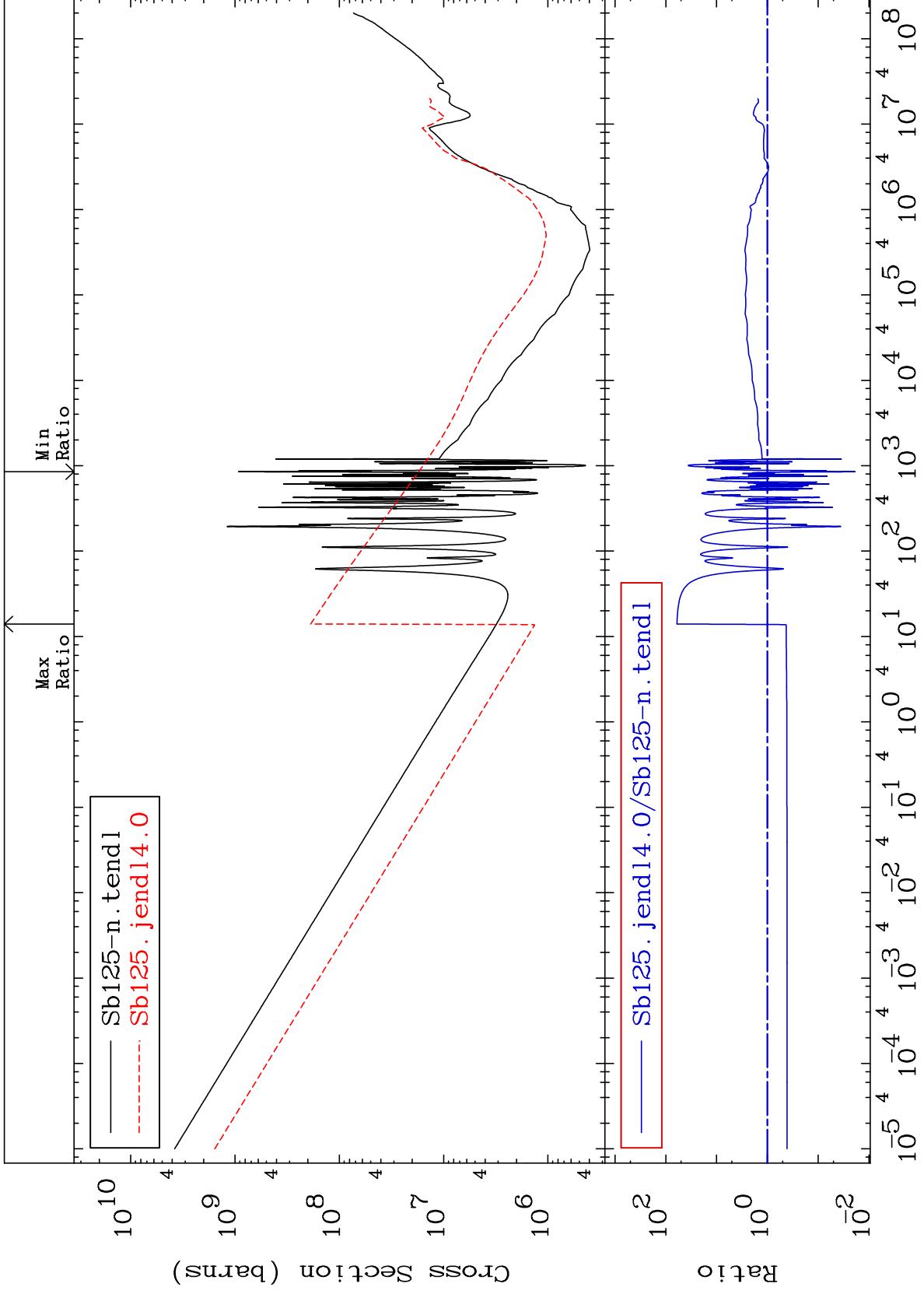


MAT 5137

Kerma elastic
Cross Section

51-Sb-125
-80.04 To 111.5 %

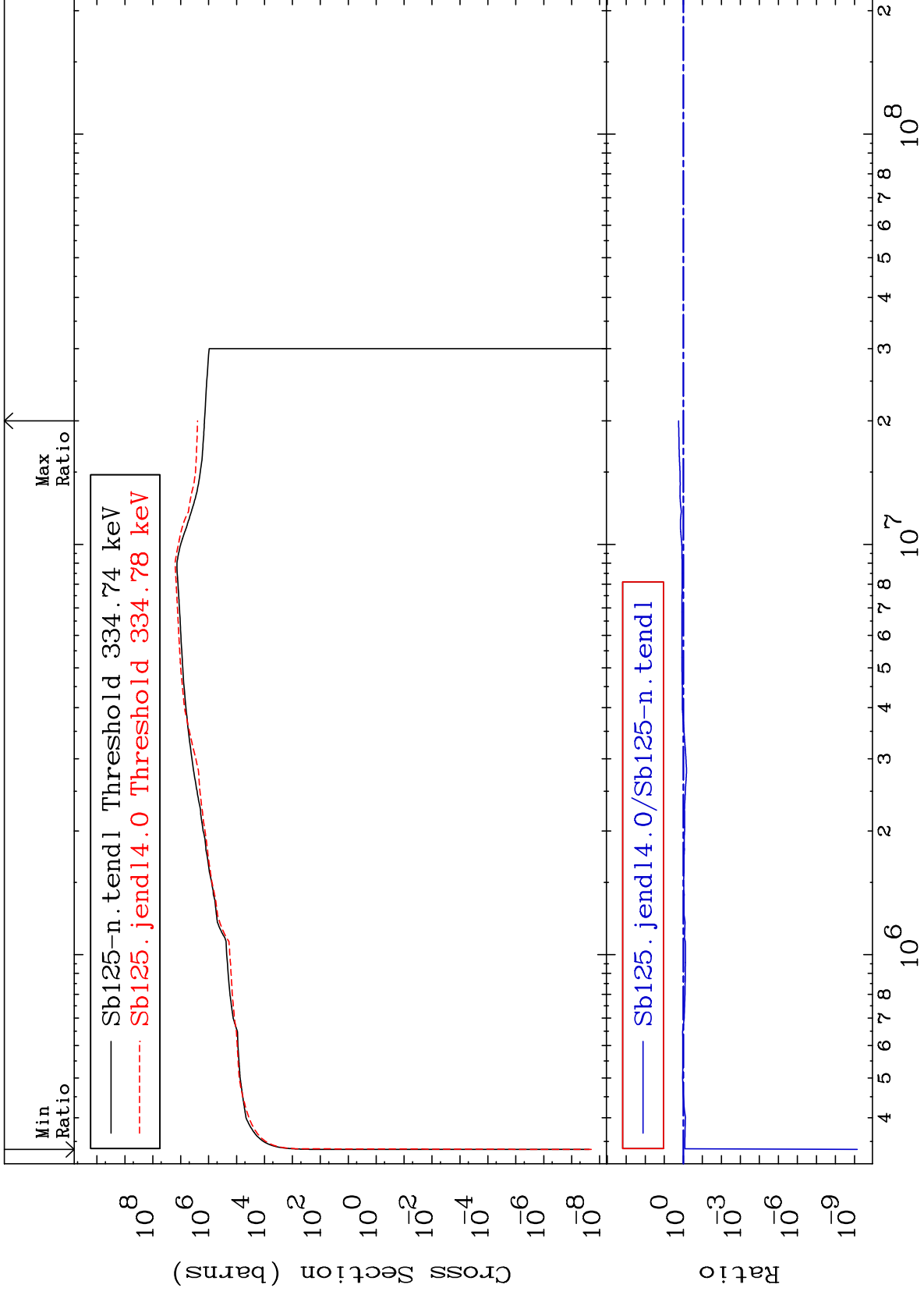




MAT 5137

Kerma inelastic (mt51-91)
Cross Section

51-Sb-125
-100.0 To 76.34 %



51

Incident Energy (eV)

51-Sb-125

MAT 5137

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

51-Sb-125
-100.0 To 76.34 %

