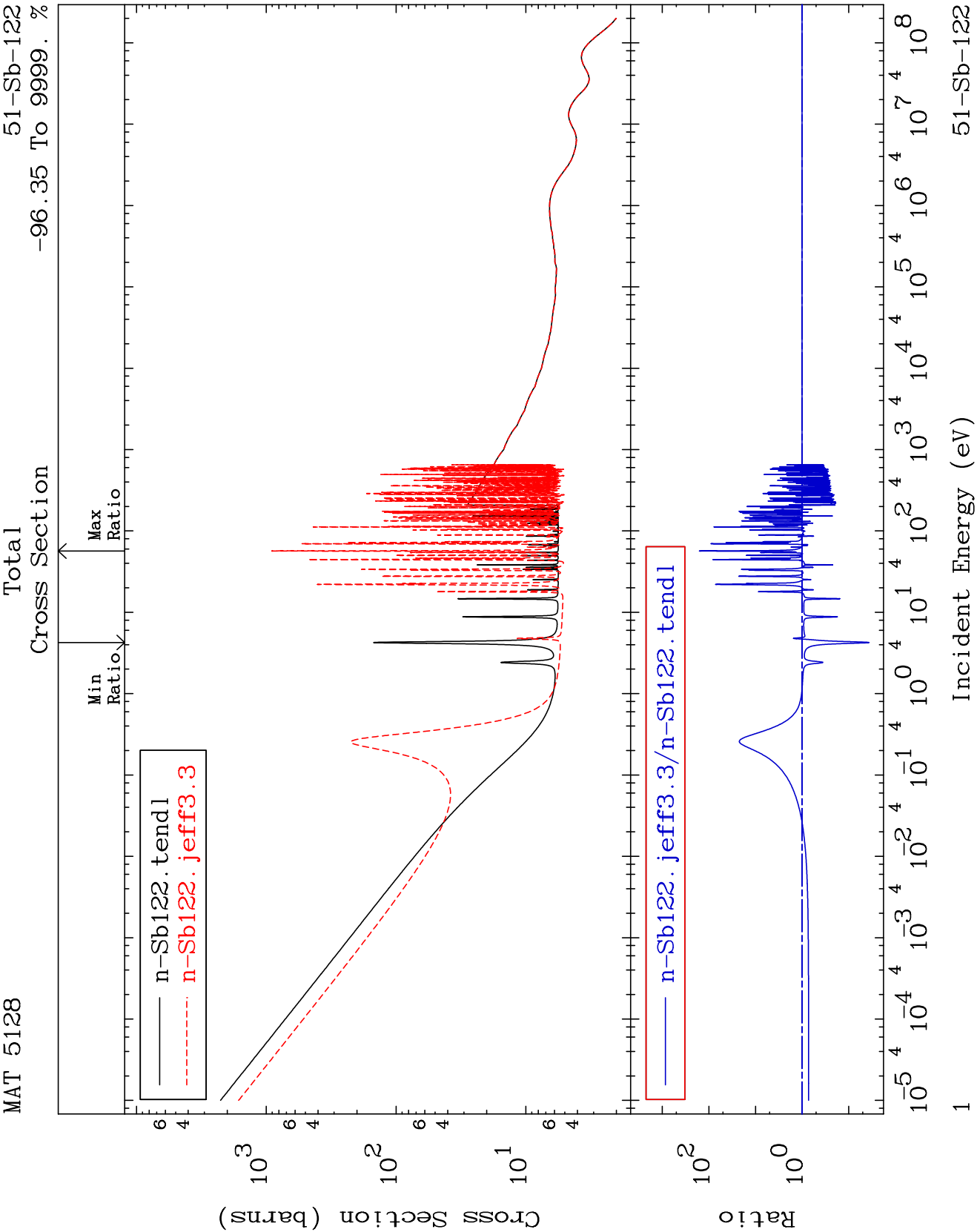
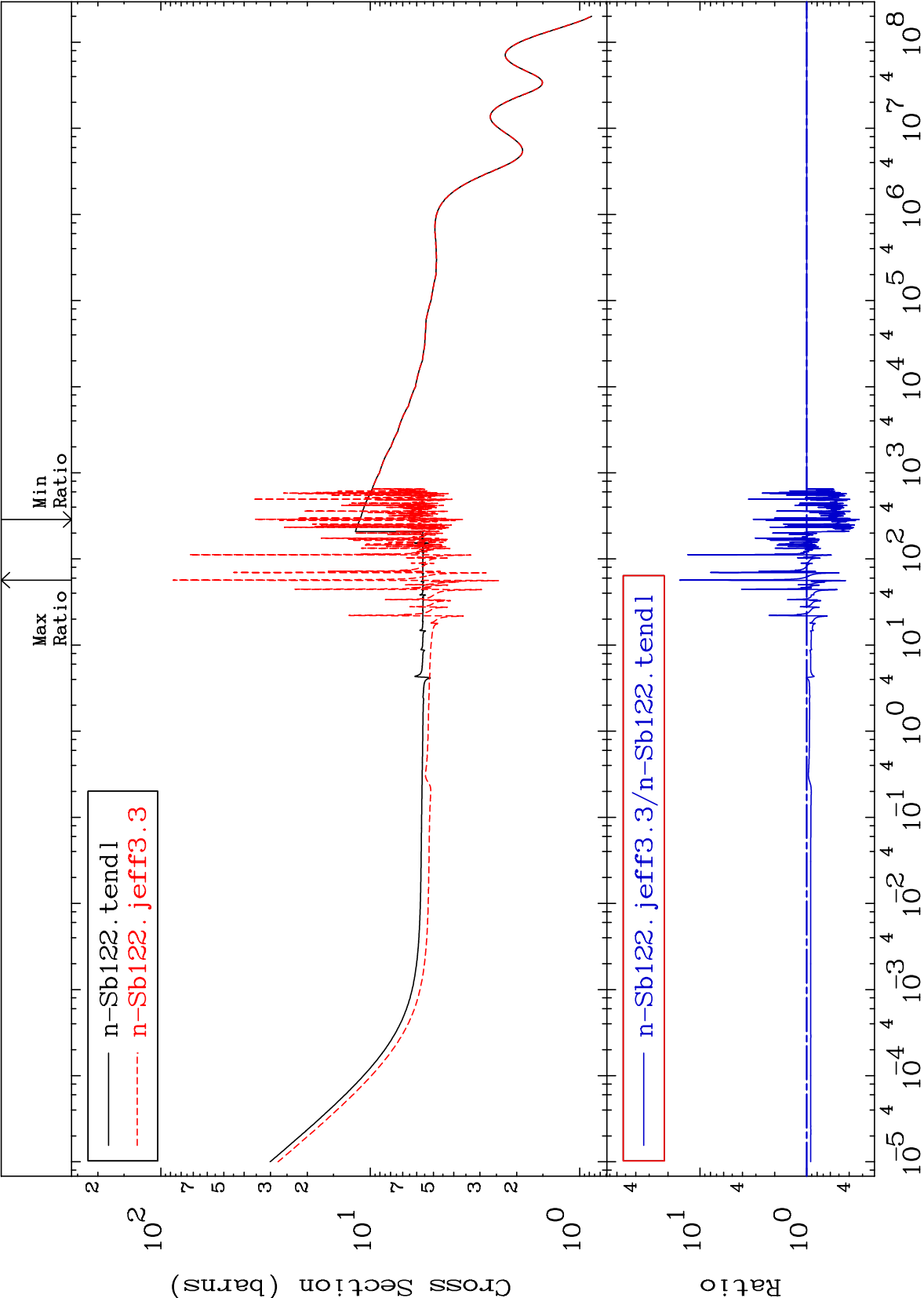
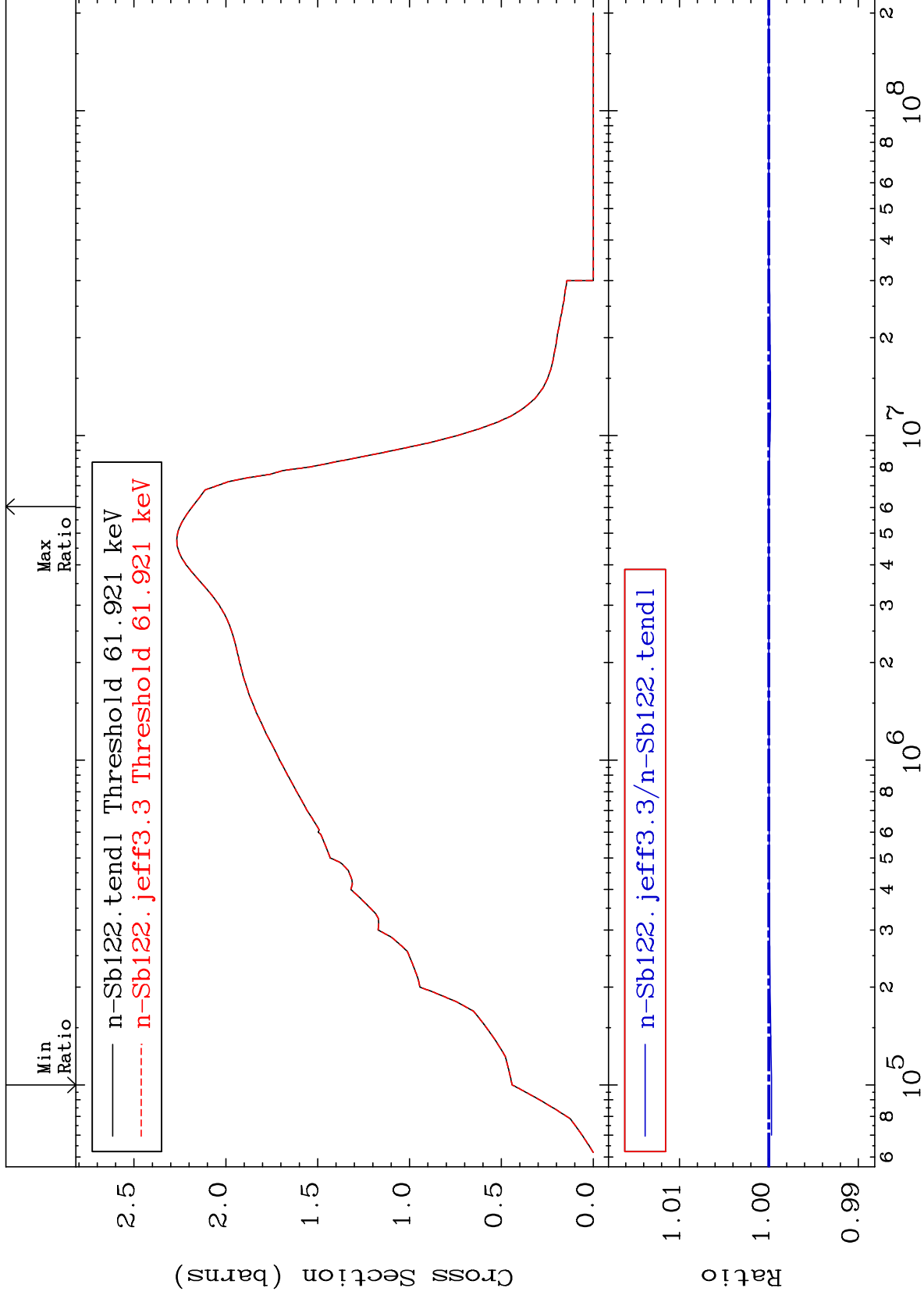






Inelastic
Cross Section

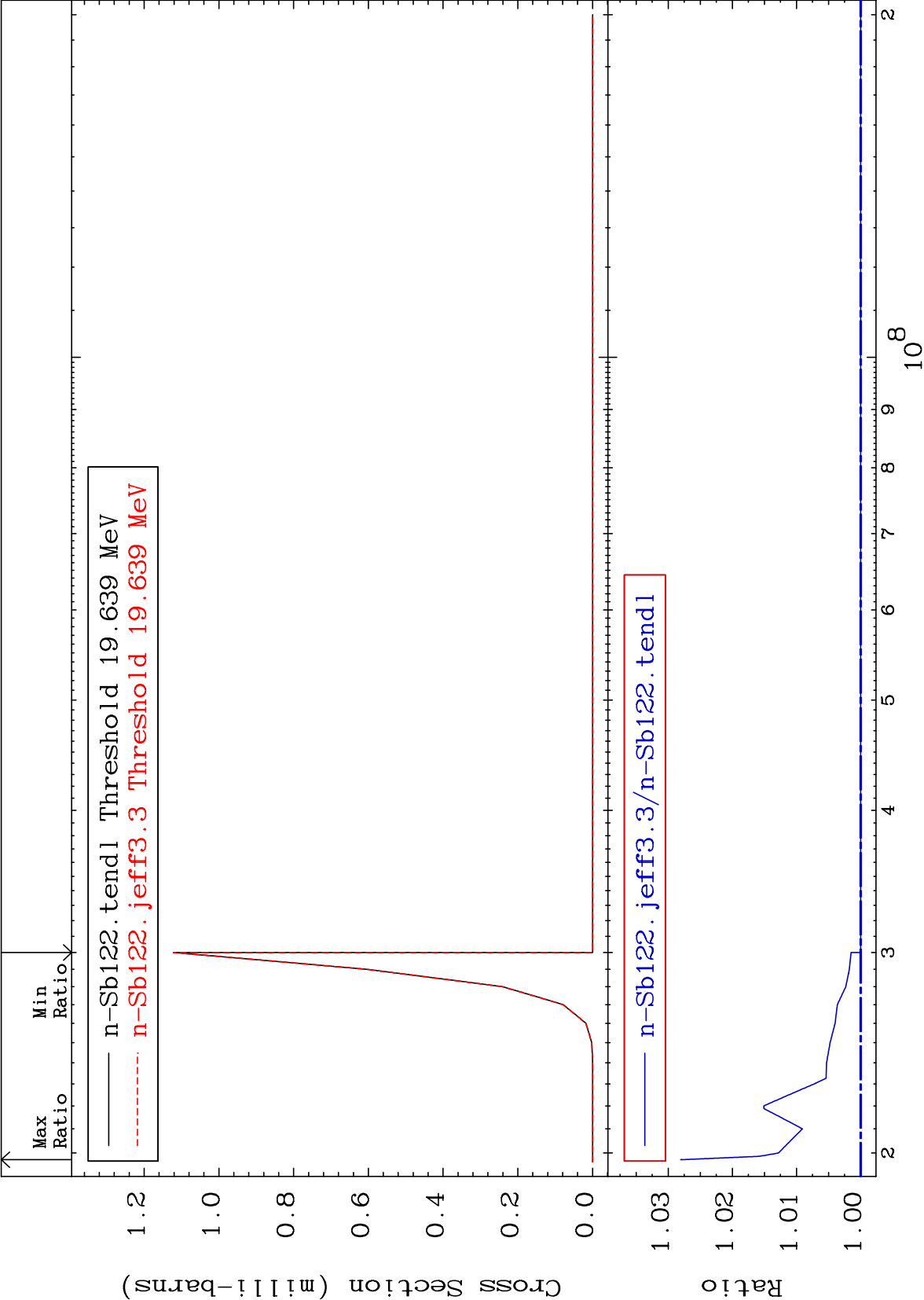
-0.031 To 0.000 %



Cross Section

0.000

To 2.806 %



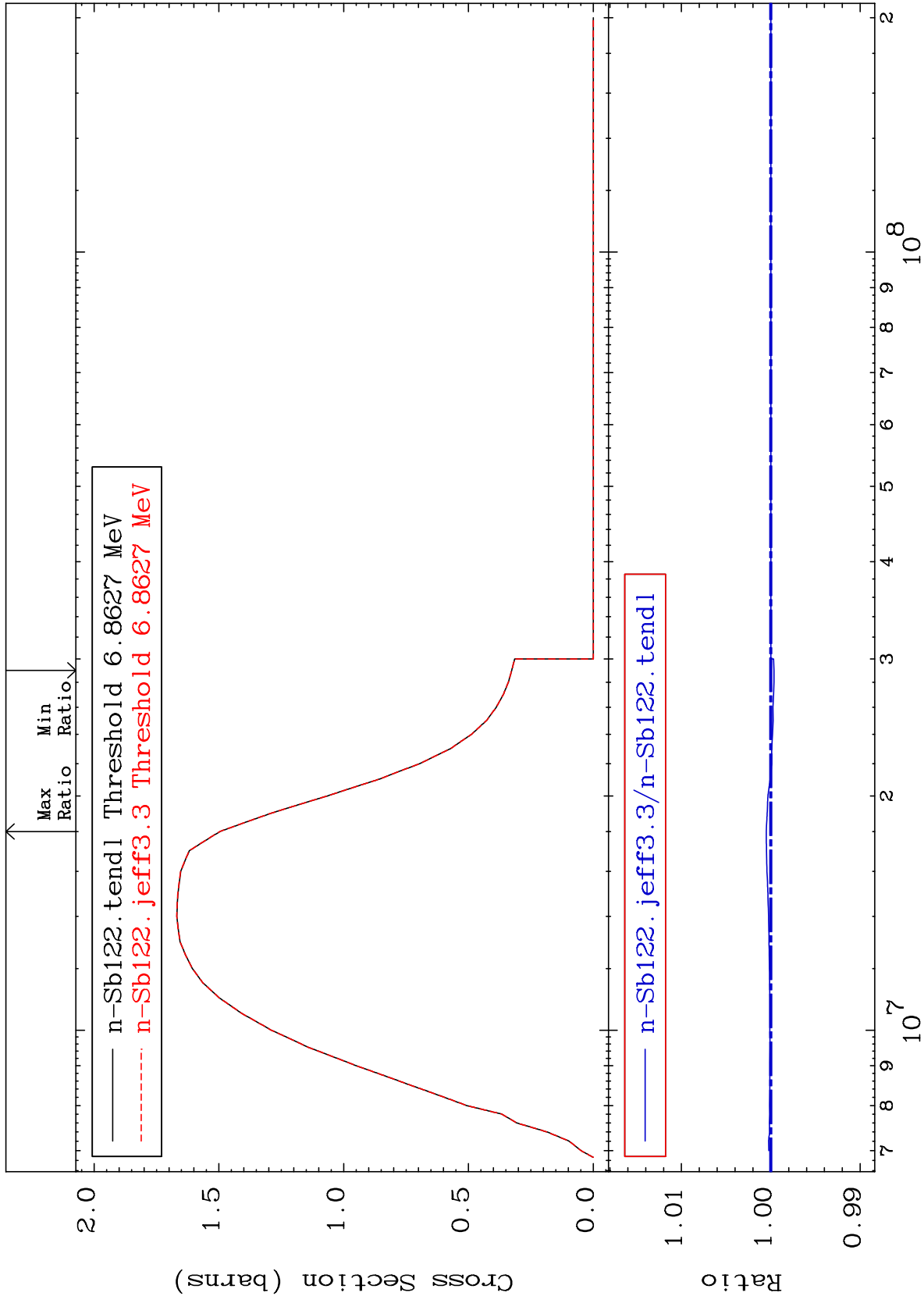
MAT 5128

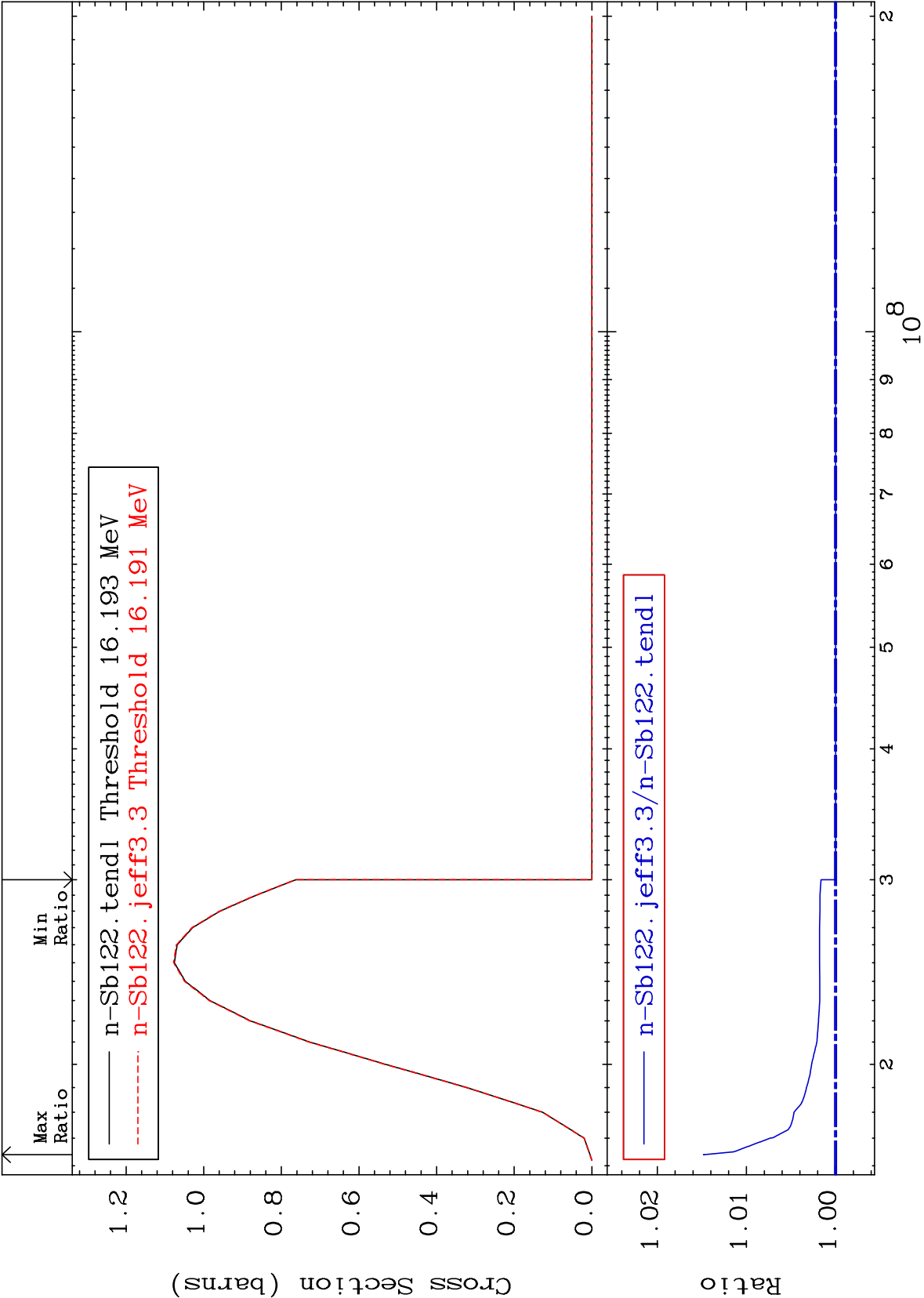
(n,2n)

51-Sb-122

Cross Section

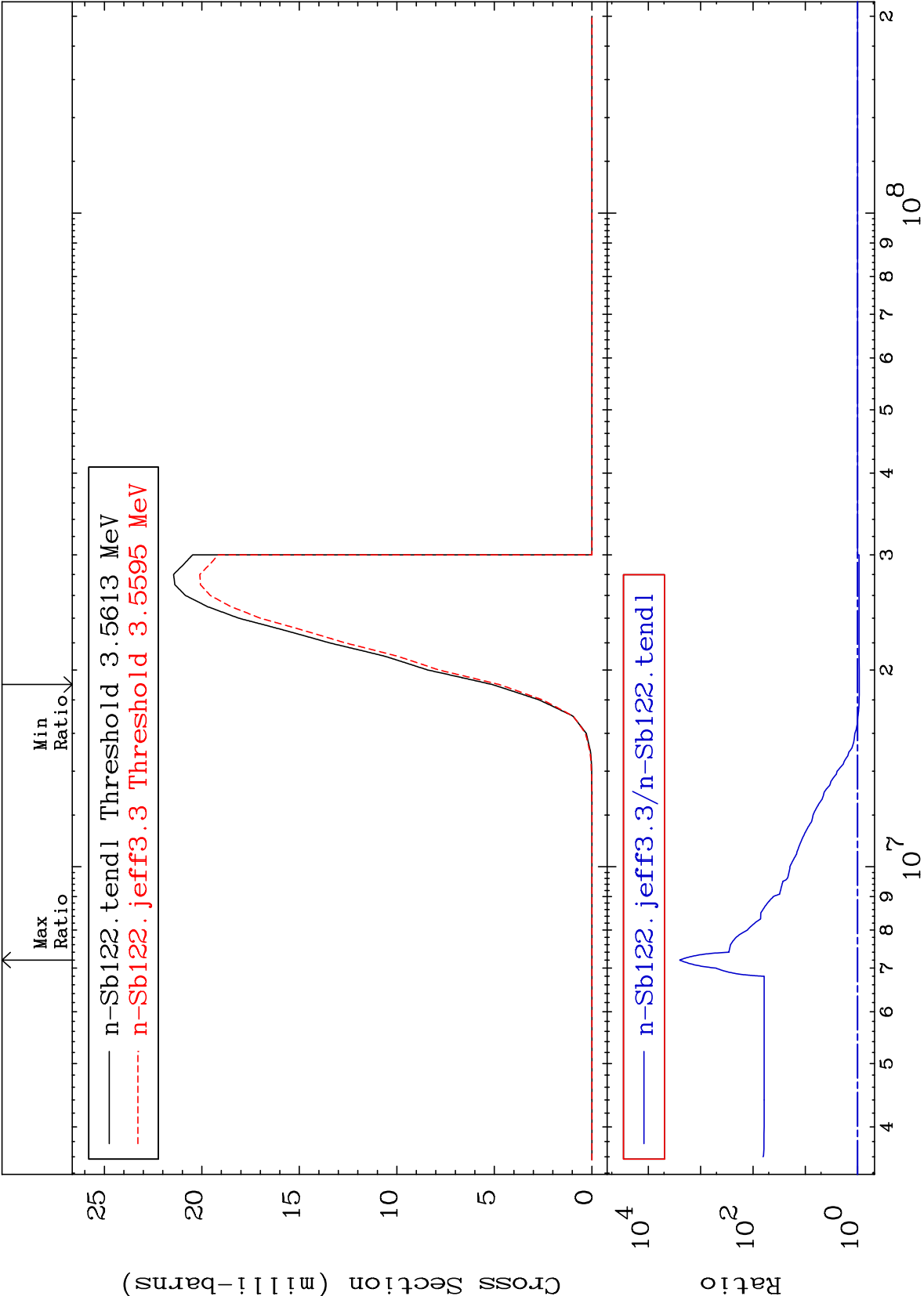
-0.036 To 0.051 %





MAT 5128

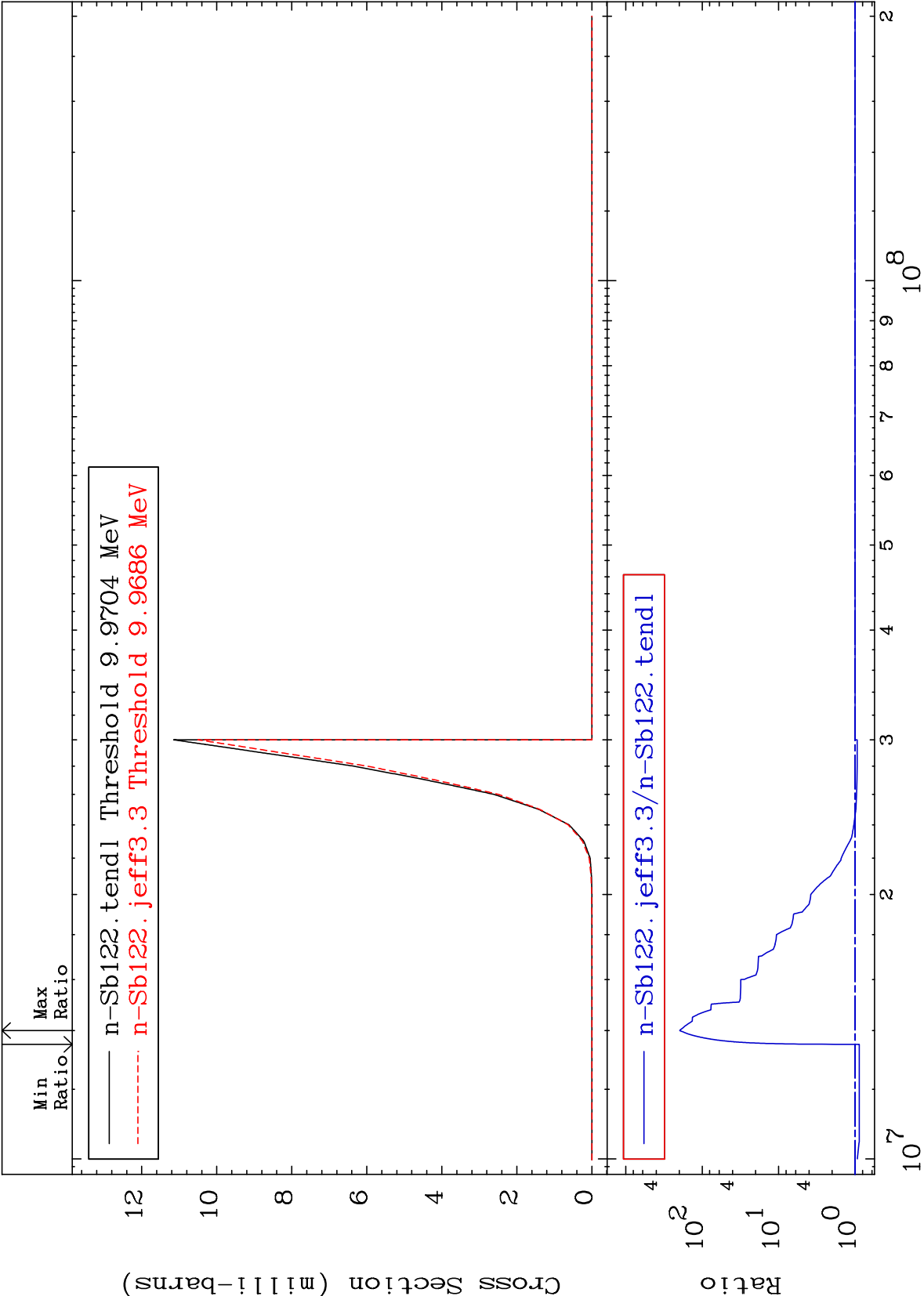
(n,n') α
Cross Section
51-Sb-122
-7.035 To 9999. %



MAT 5128

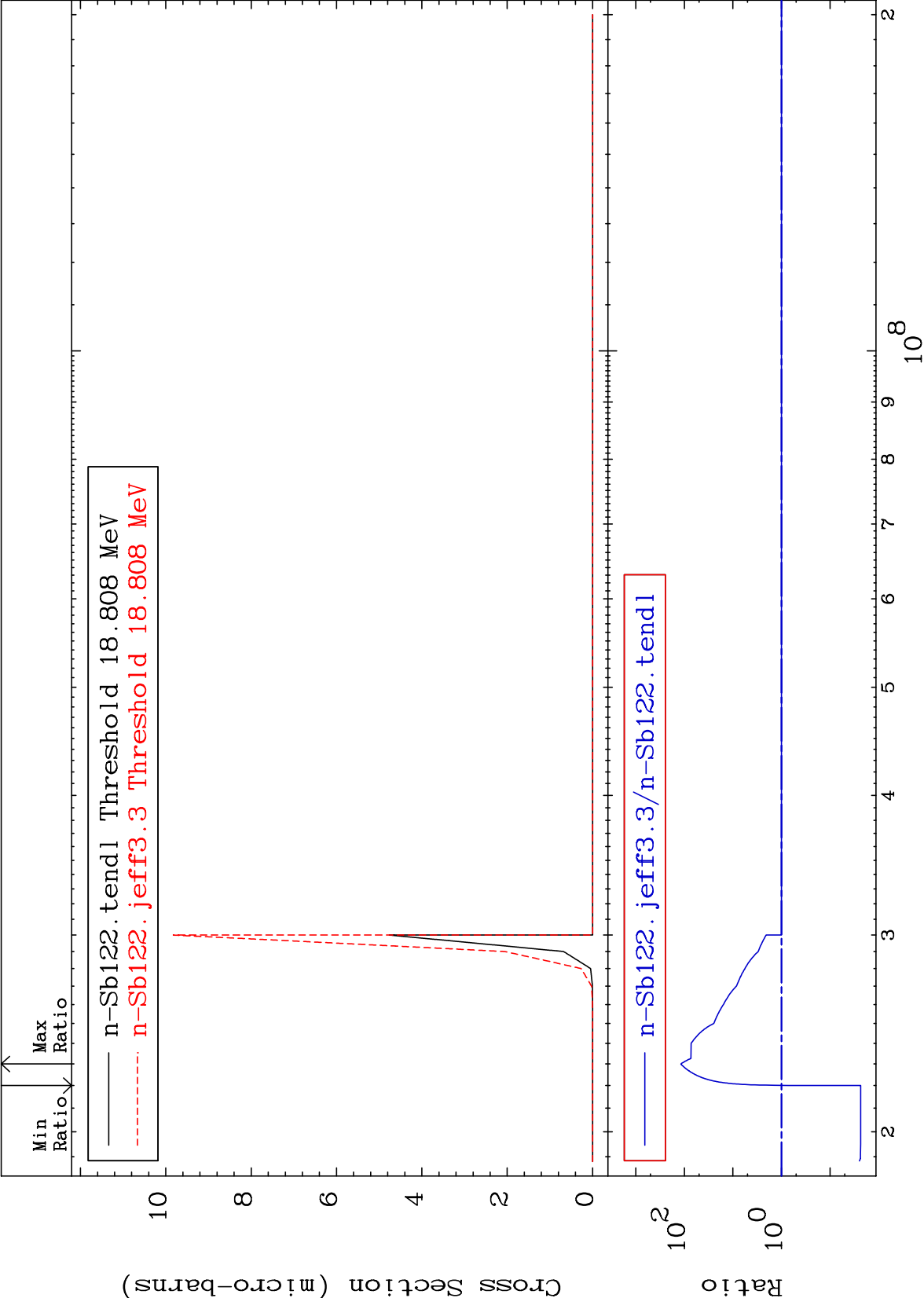
(n,2n) α
Cross Section

51-Sb-122
-11.77 To 9999. %



Incident Energy (eV)

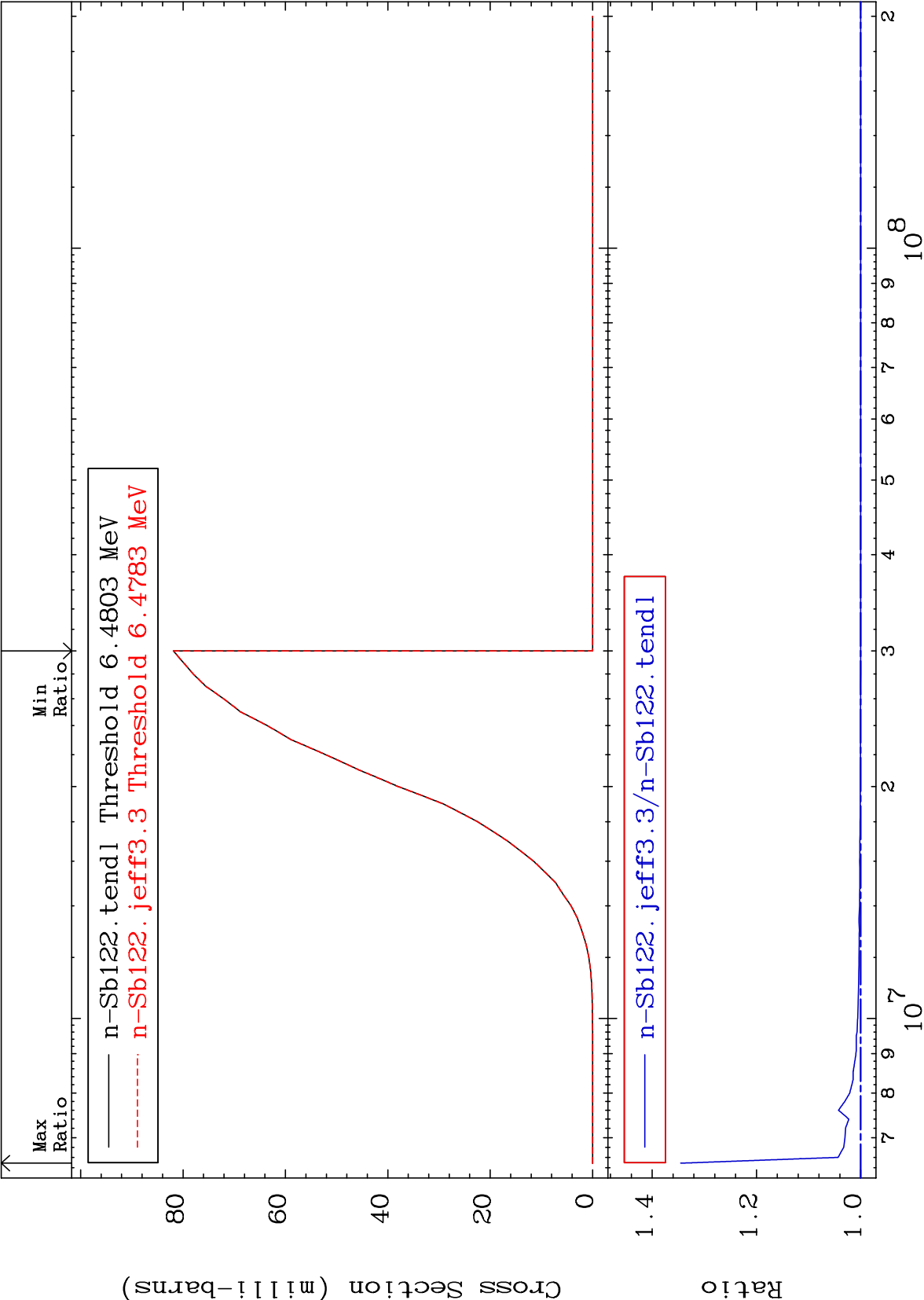
51-Sb-122



MAT 5128

(n,n') p
Cross Section

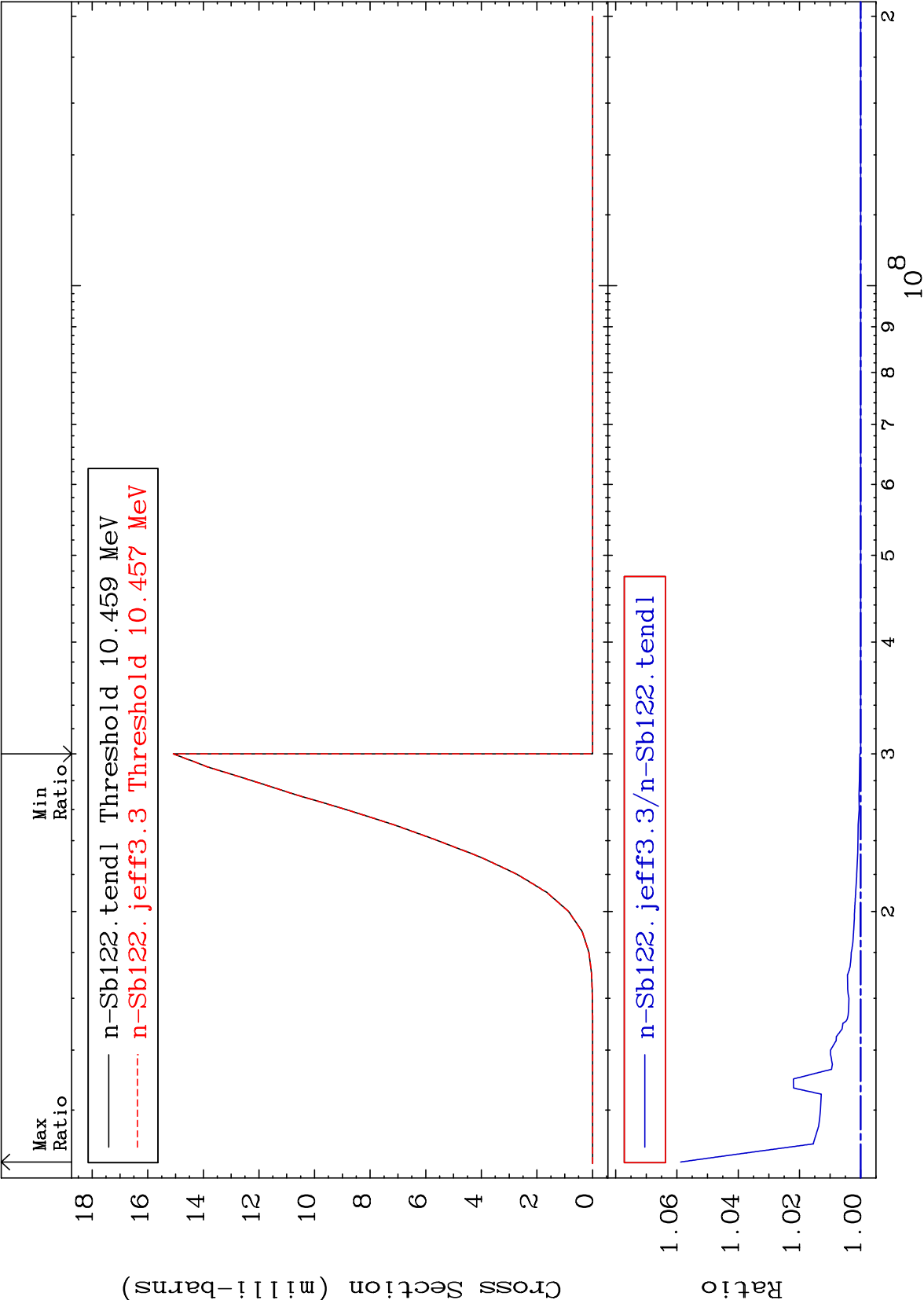
51-Sb-122
0.000 To 34.52 %



10

Incident Energy (eV)

51-Sb-122



MAT 5128

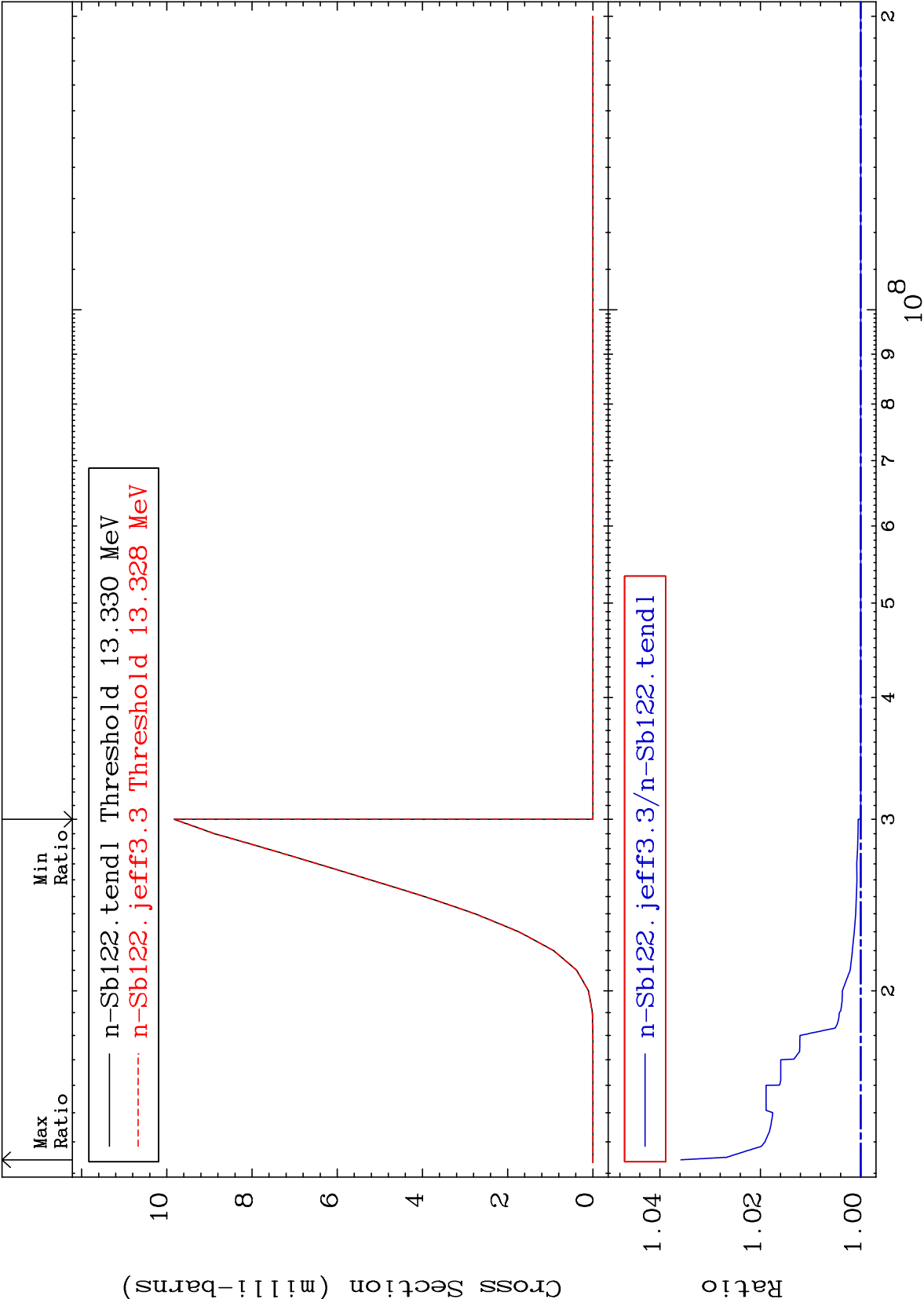
(n,n') t

51-Sb-122

Cross Section

0.000

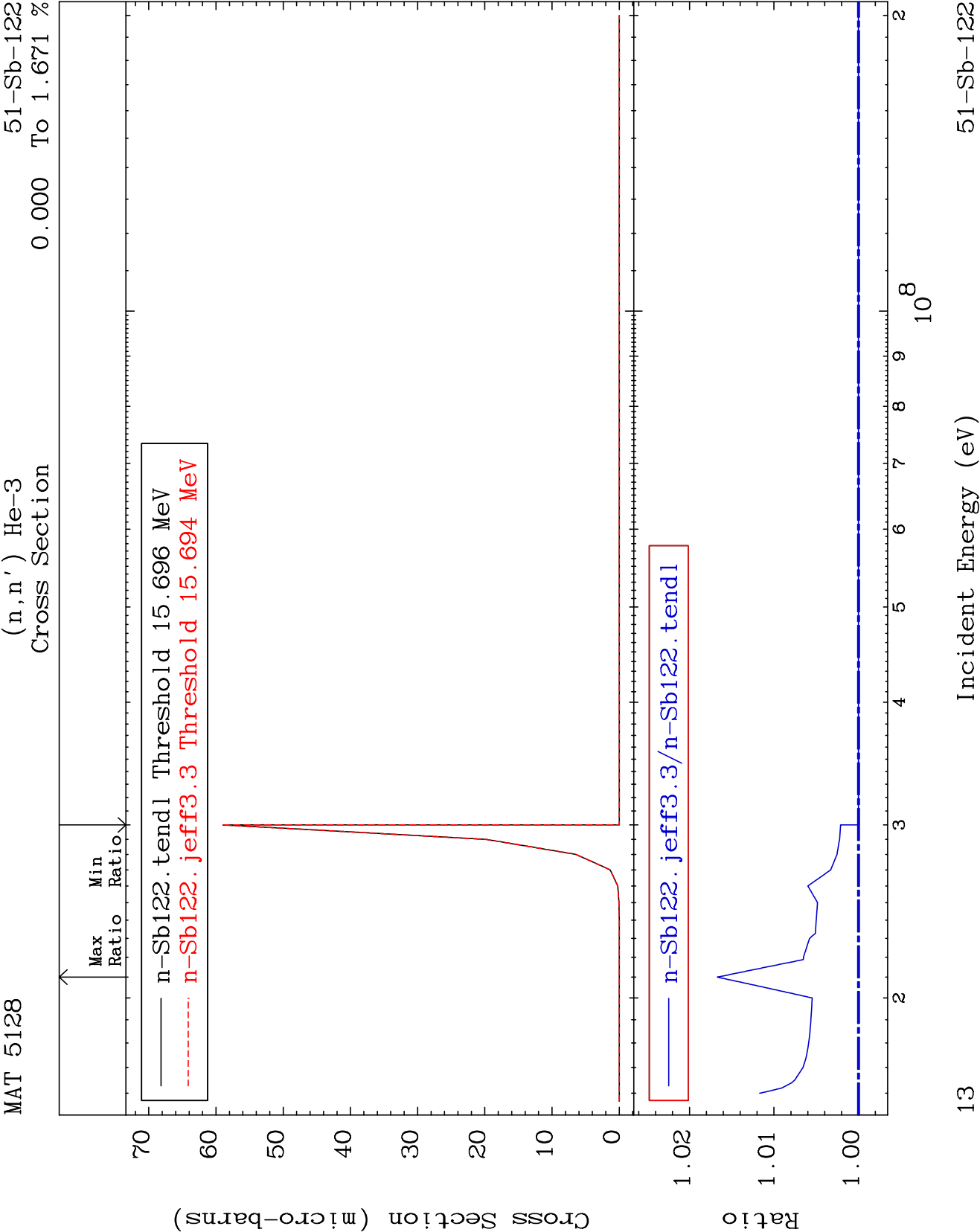
To 3.583 %



12

Incident Energy (eV)

51-Sb-122



MAT 5128

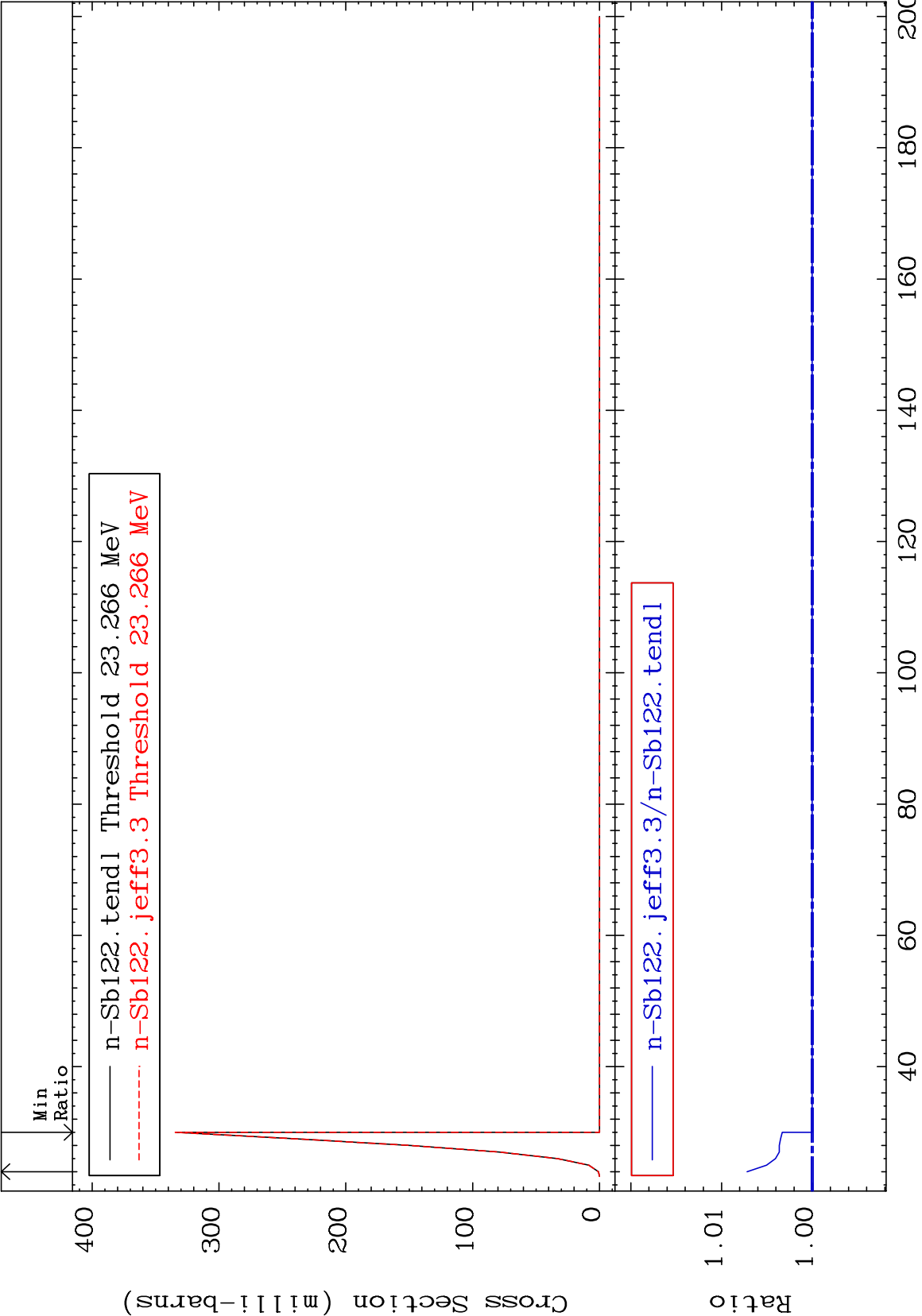
(n,4n)

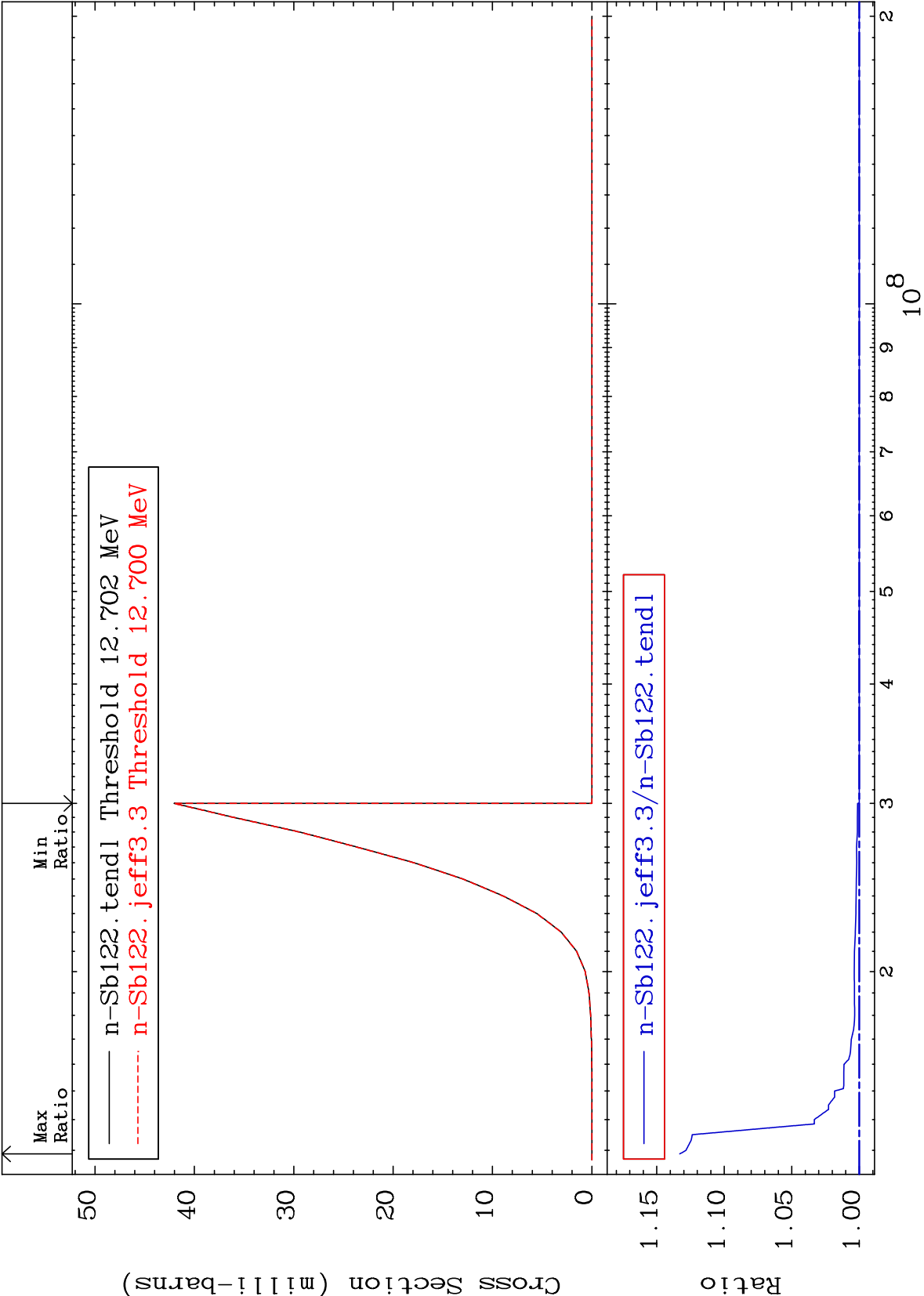
51-Sb-122

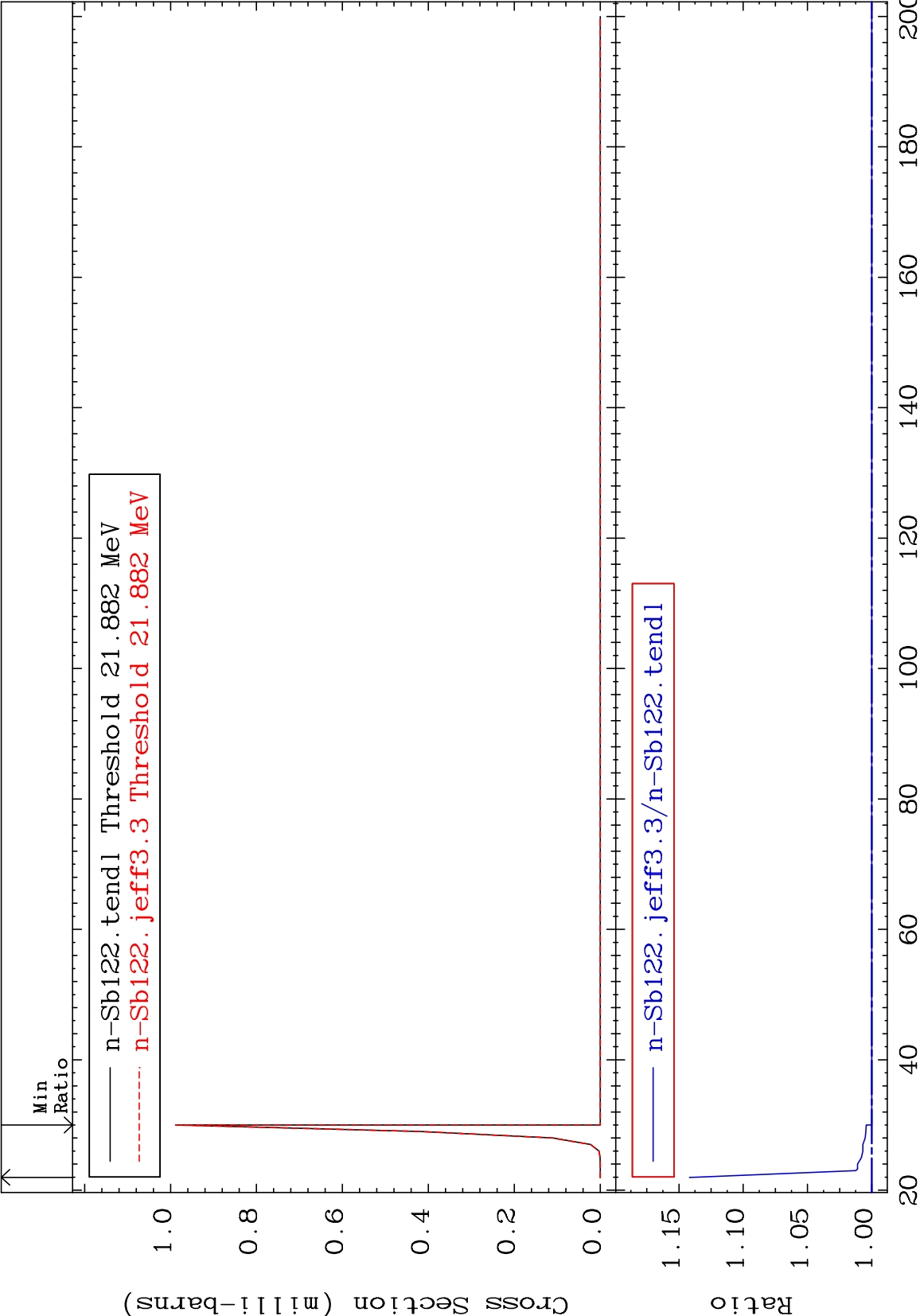
Cross Section

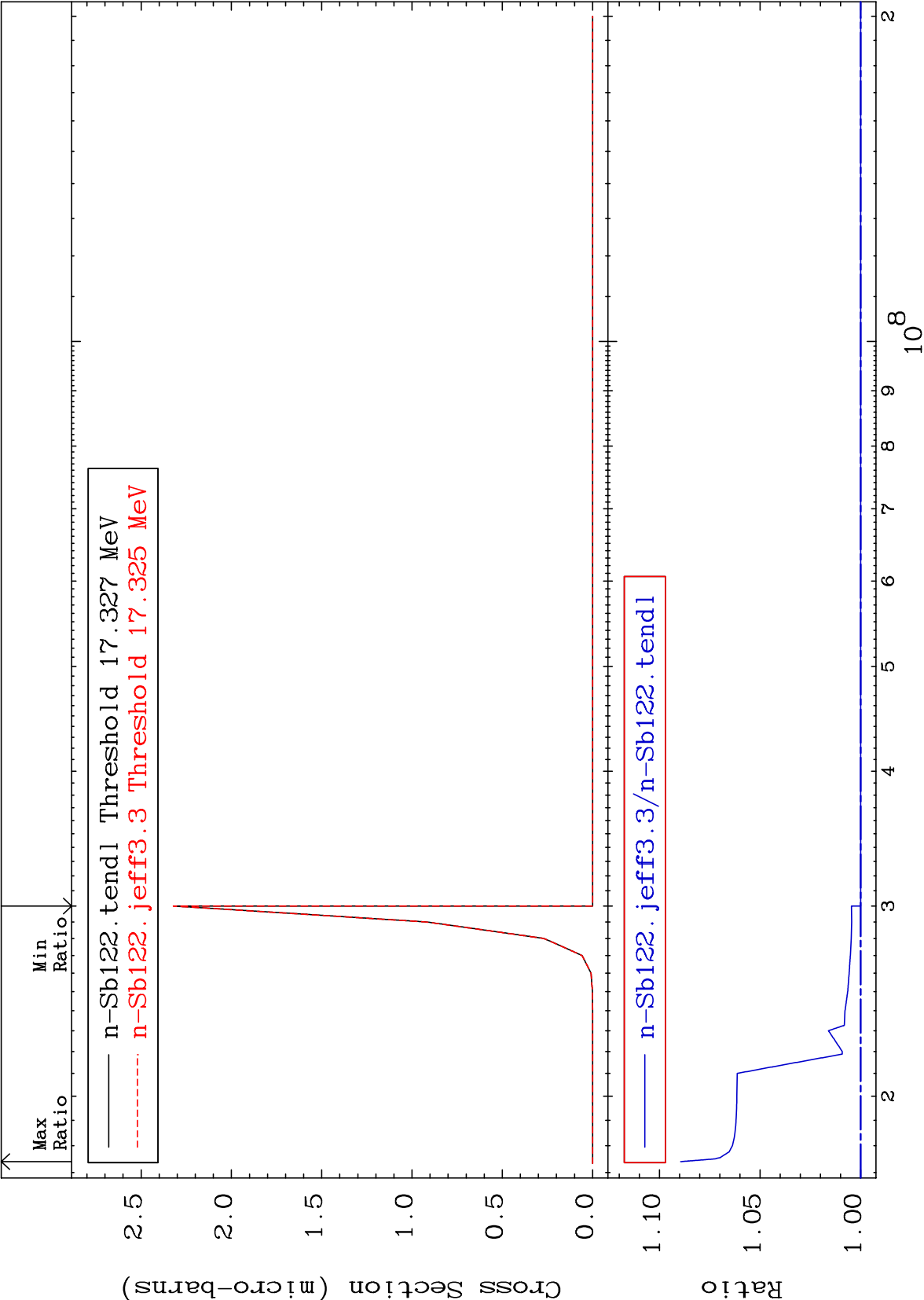
0.000

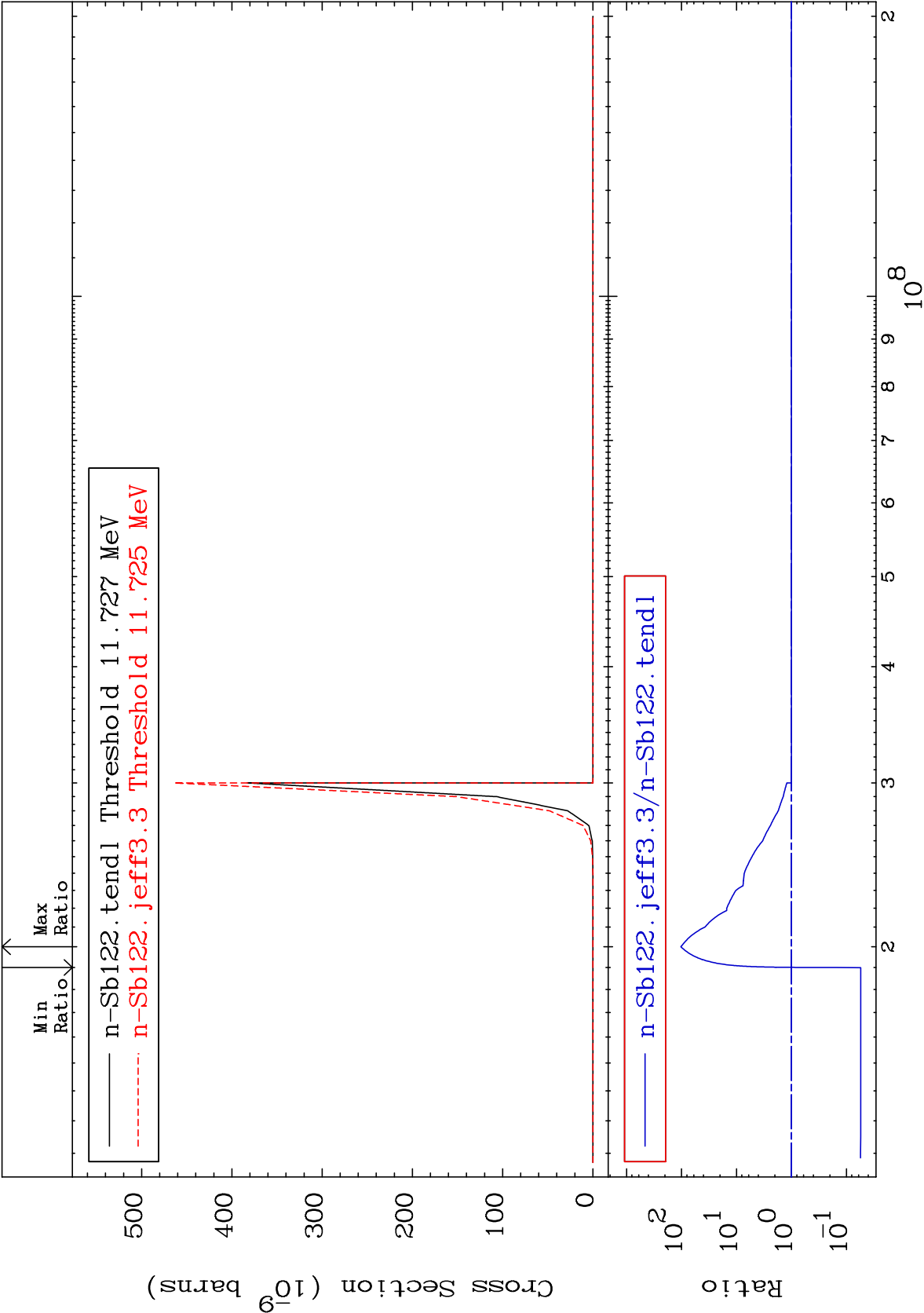
To 0.719 %







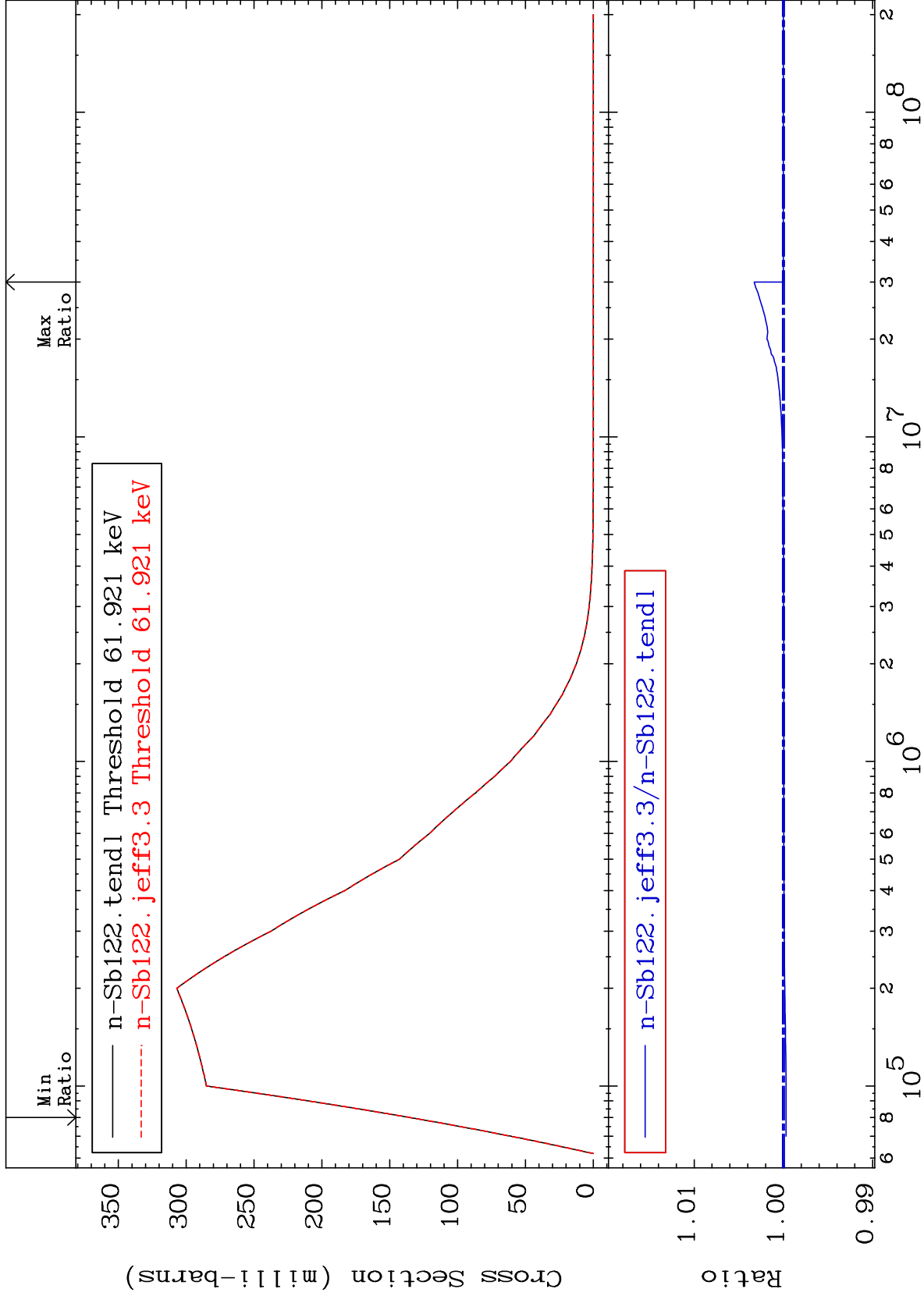




MAT 5128

MT= 51 (n,n') Level
Cross Section

51-Sb-122
-0.030 To 0.327 %



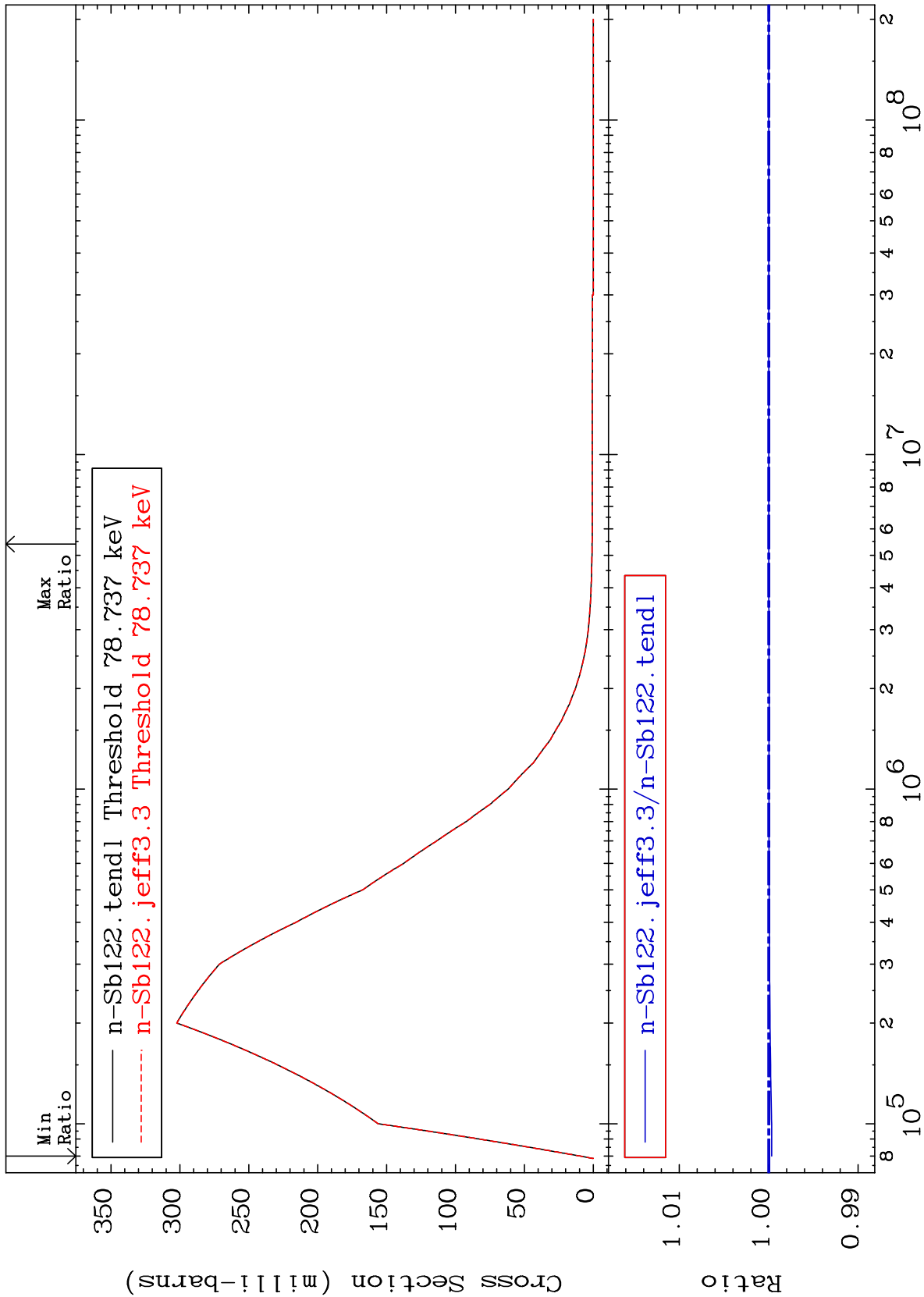
MAT 5128

MT= 52 (n,n') Level

51-Sb-122

Cross Section

-0.032 To 0.000 %



20

Incident Energy (eV)

51-Sb-122

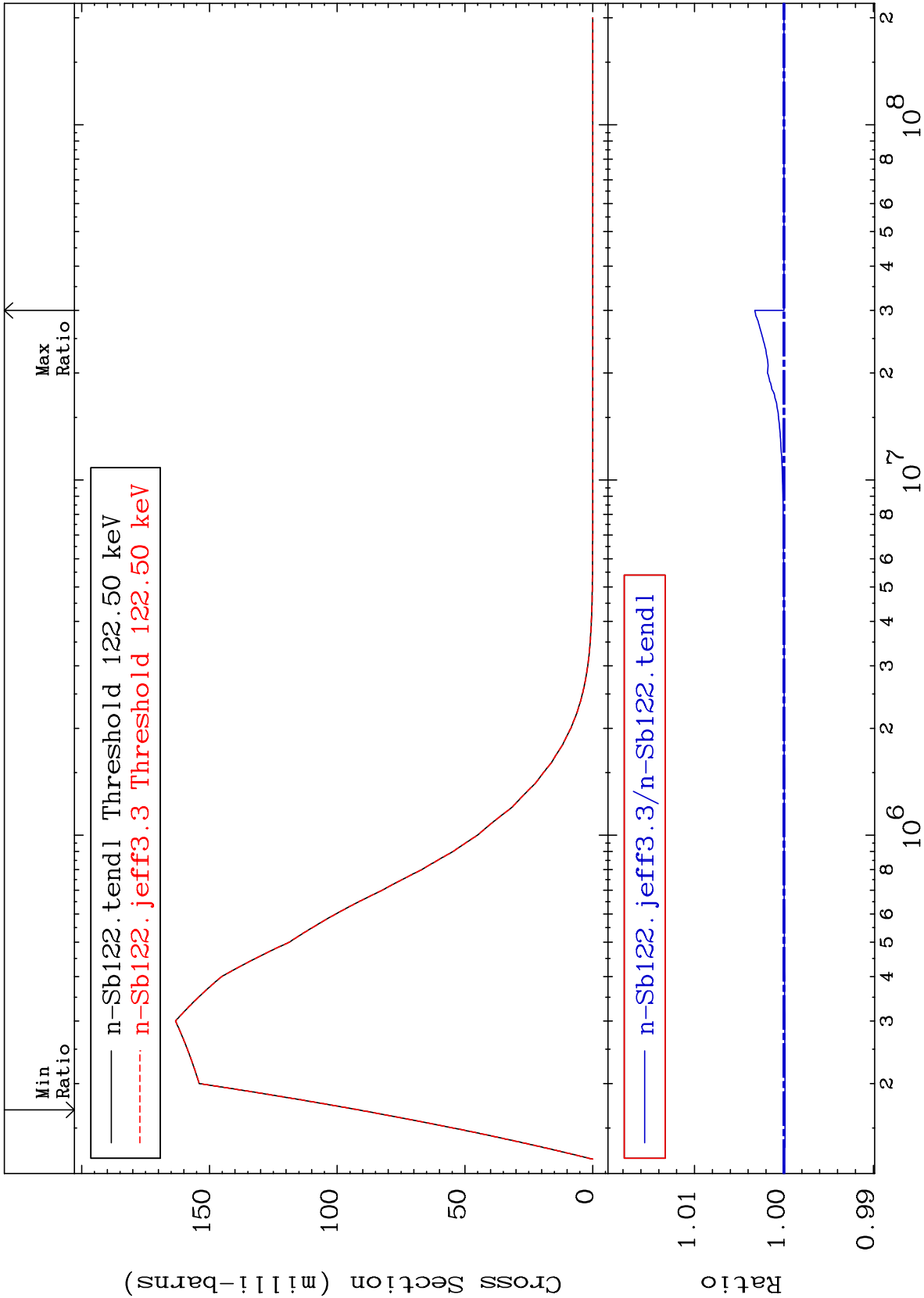
MAT 5128

MT= 53 (n,n') Level

51-Sb-122

Cross Section

-0.013 To 0.327 %



21

Incident Energy (eV)

51-Sb-122

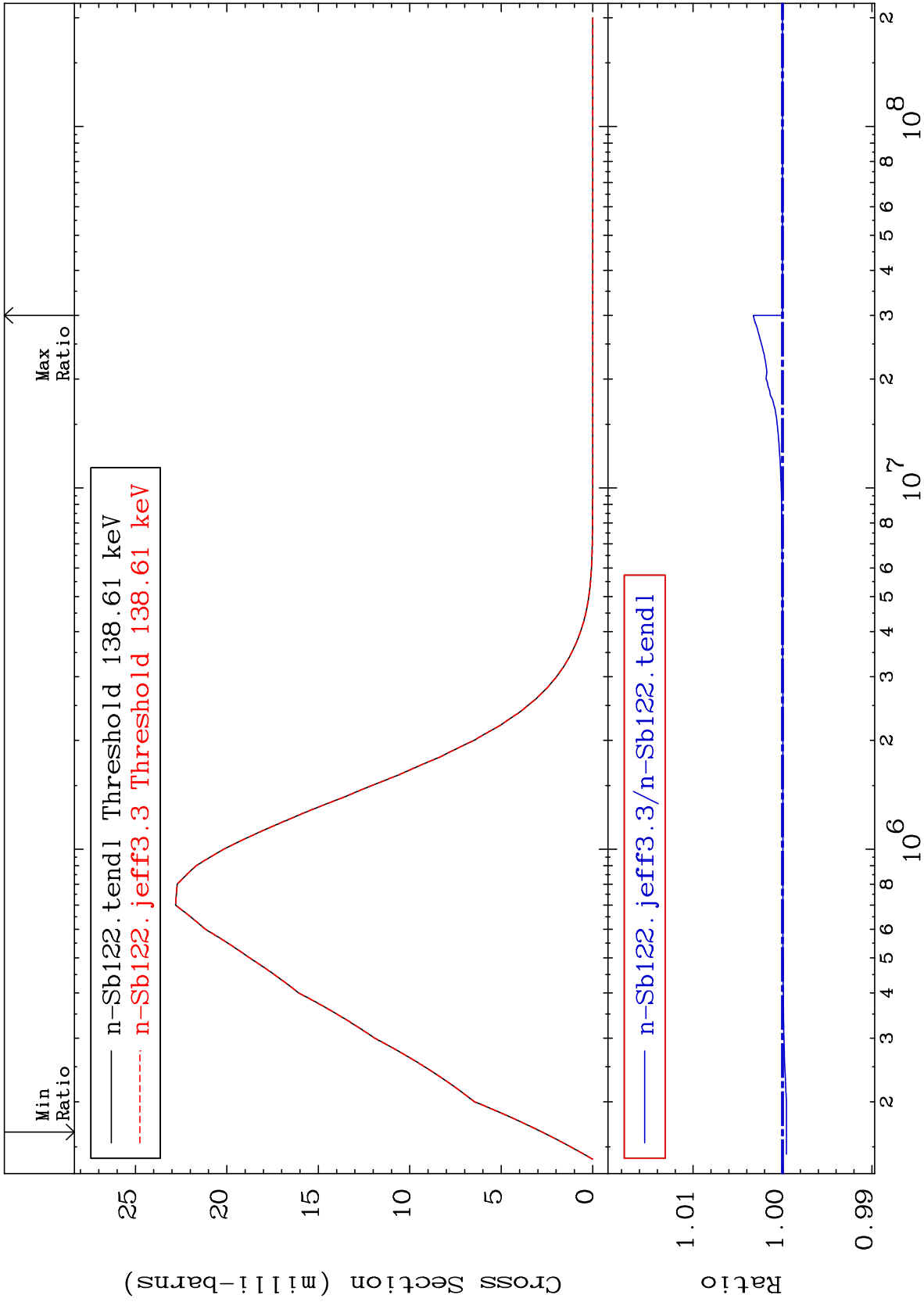
MAT 5128

MT= 54 (n,n') Level

51-Sb-122

Cross Section

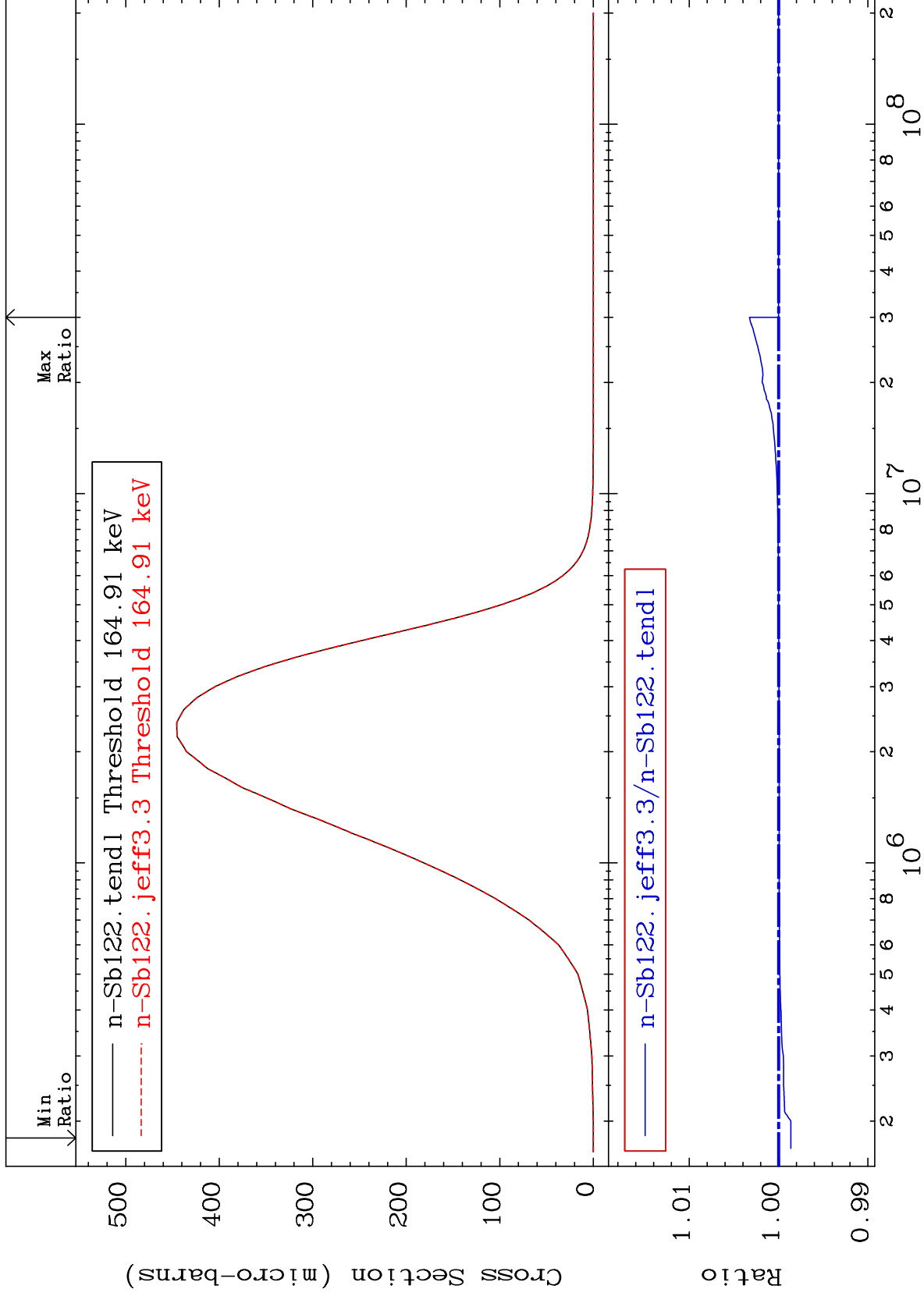
-0.044 To 0.326 %



MAT 5128

MT= 55 (n,n') Level
Cross Section

51-Sb-122
-0.137 To 0.326 %



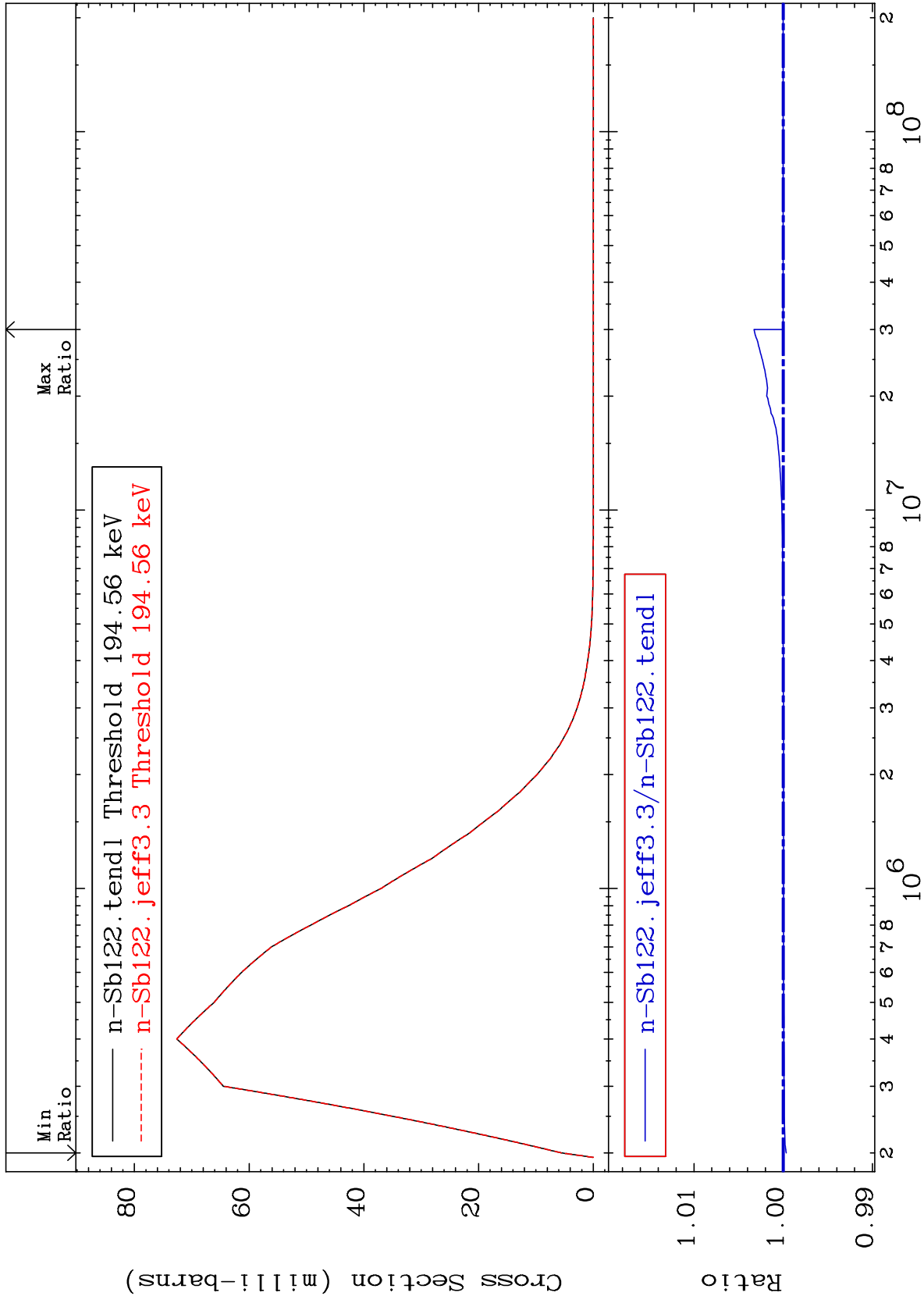
MAT 5128

MT= 58 (n,n') Level

51-Sb-122

Cross Section

-0.034 To 0.326 %



26

Incident Energy (eV)

51-Sb-122

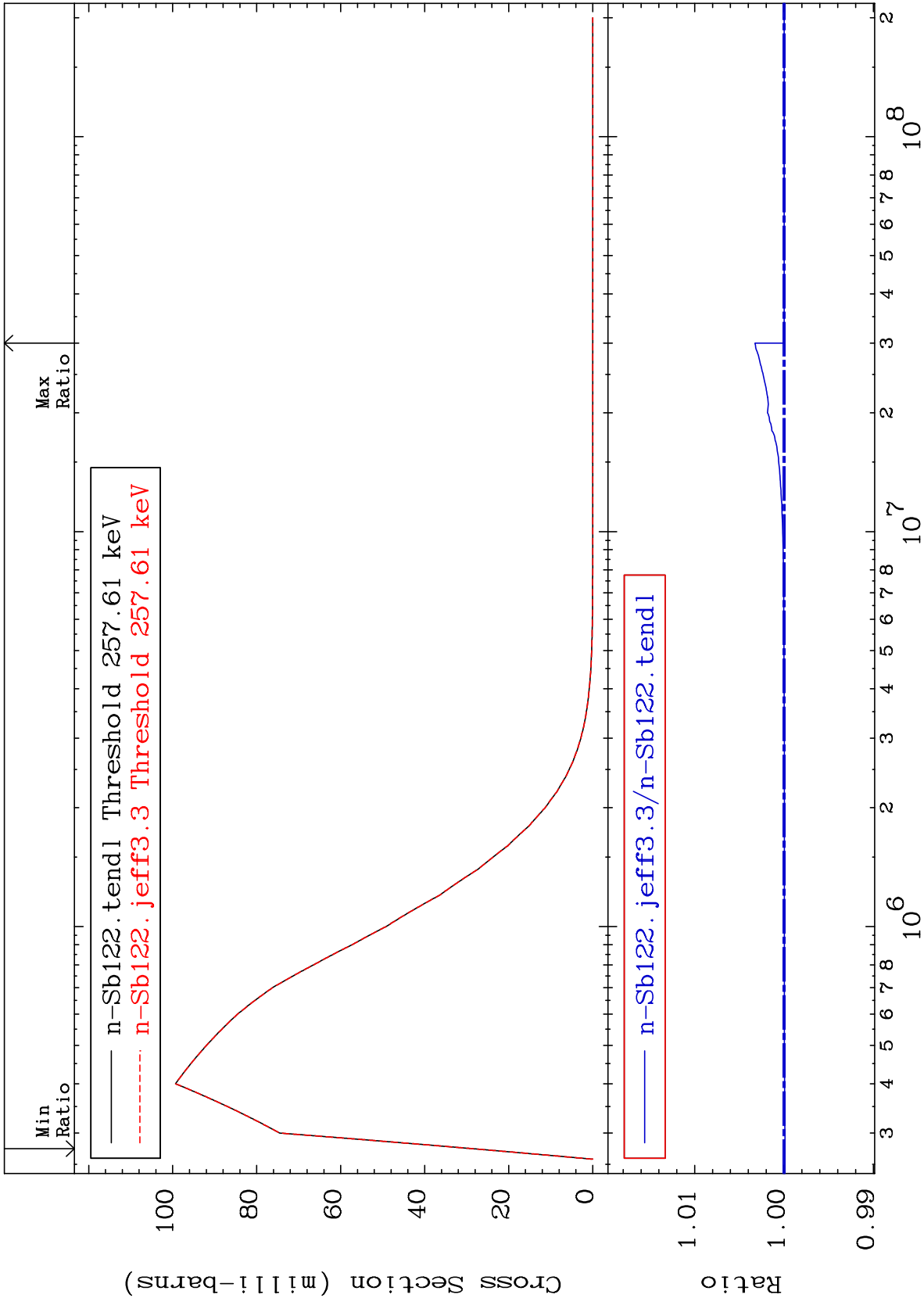
MAT 5128

MT= 60 (n,n') Level

51-Sb-122

Cross Section

-0.009 To 0.326 %



27

Incident Energy (eV)

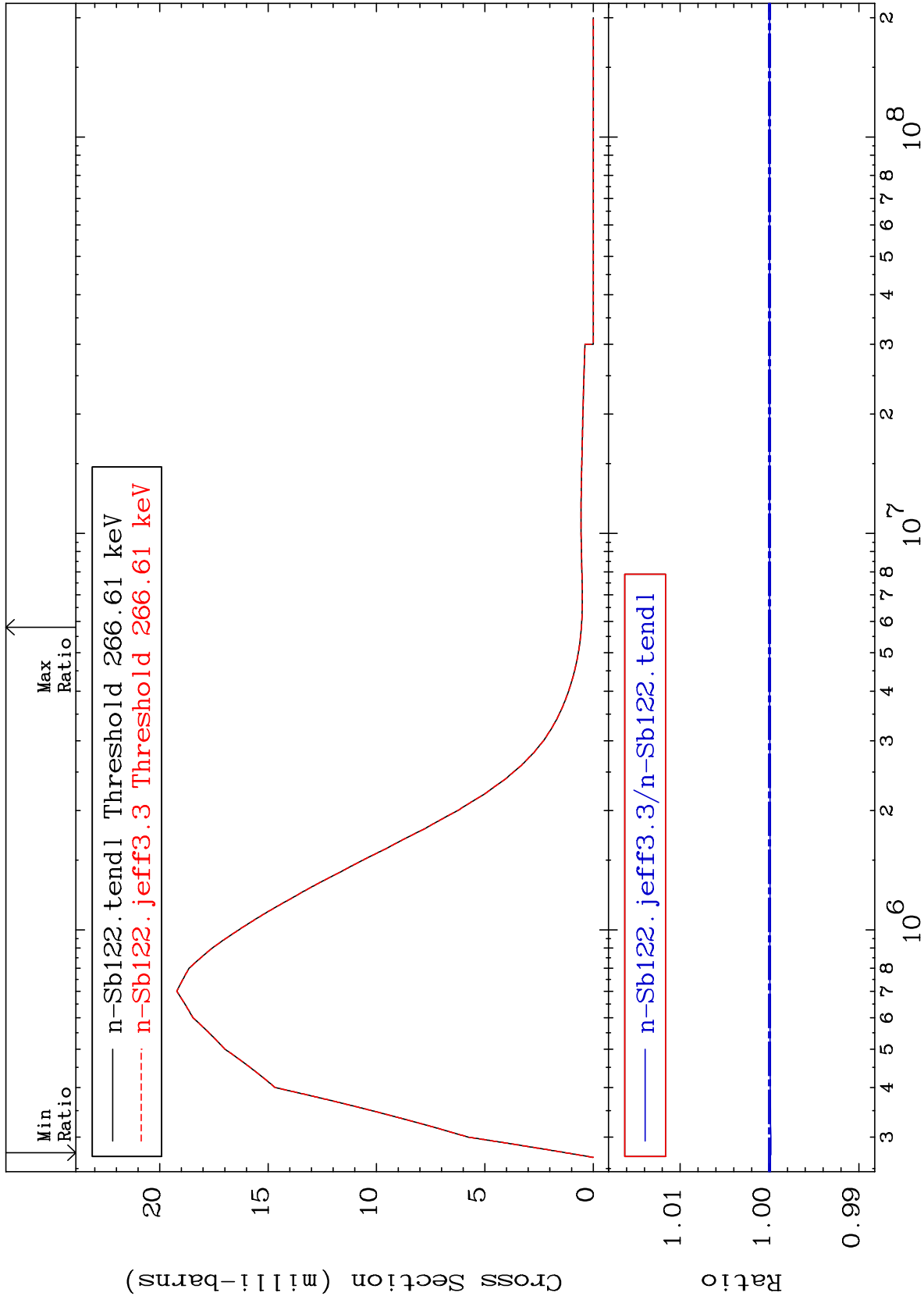
51-Sb-122

MAT 5128

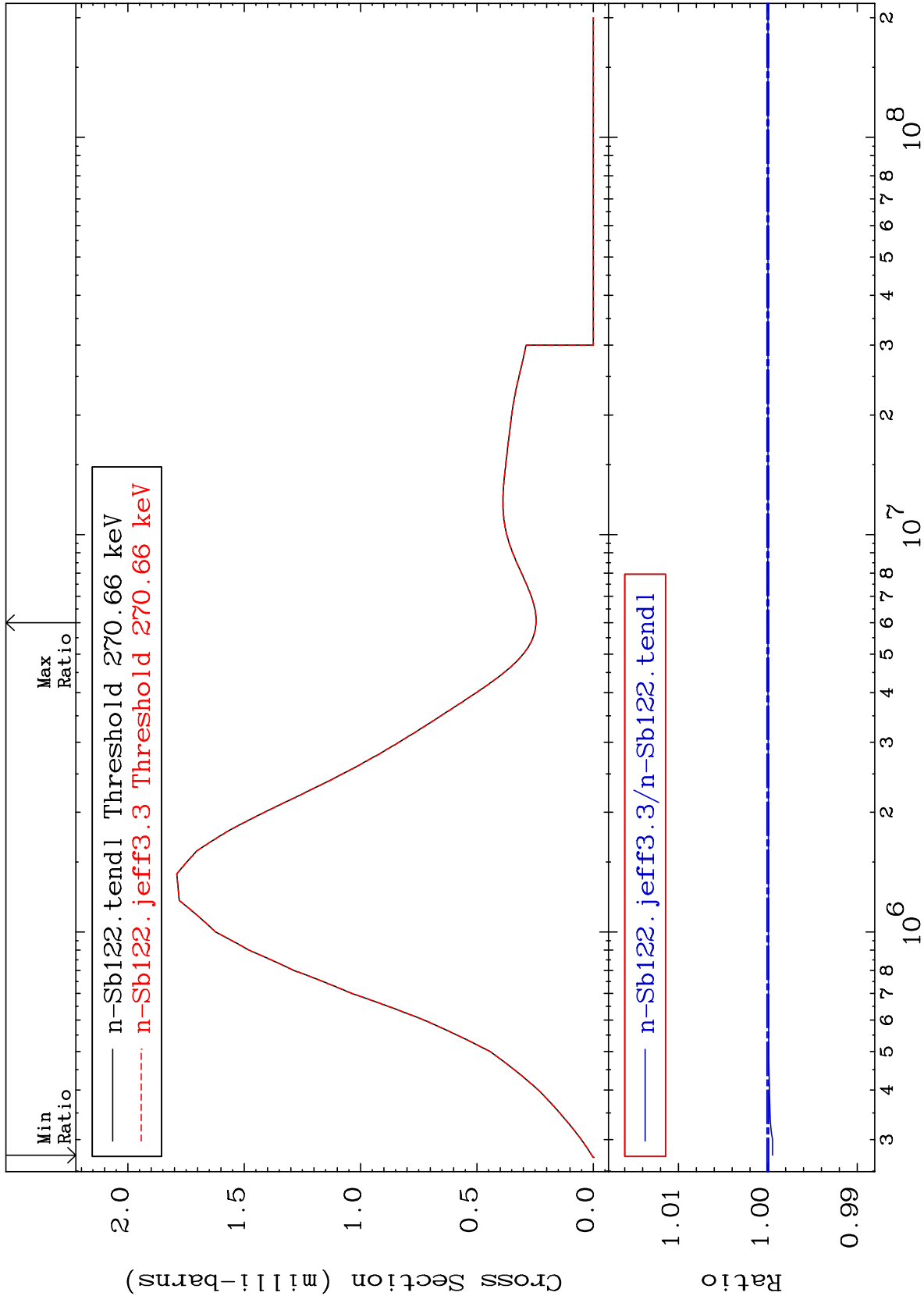
MT= 61 (n,n') Level

51-Sb-122

-0.014 To 0.000 %



-0.052 To 0.000 %



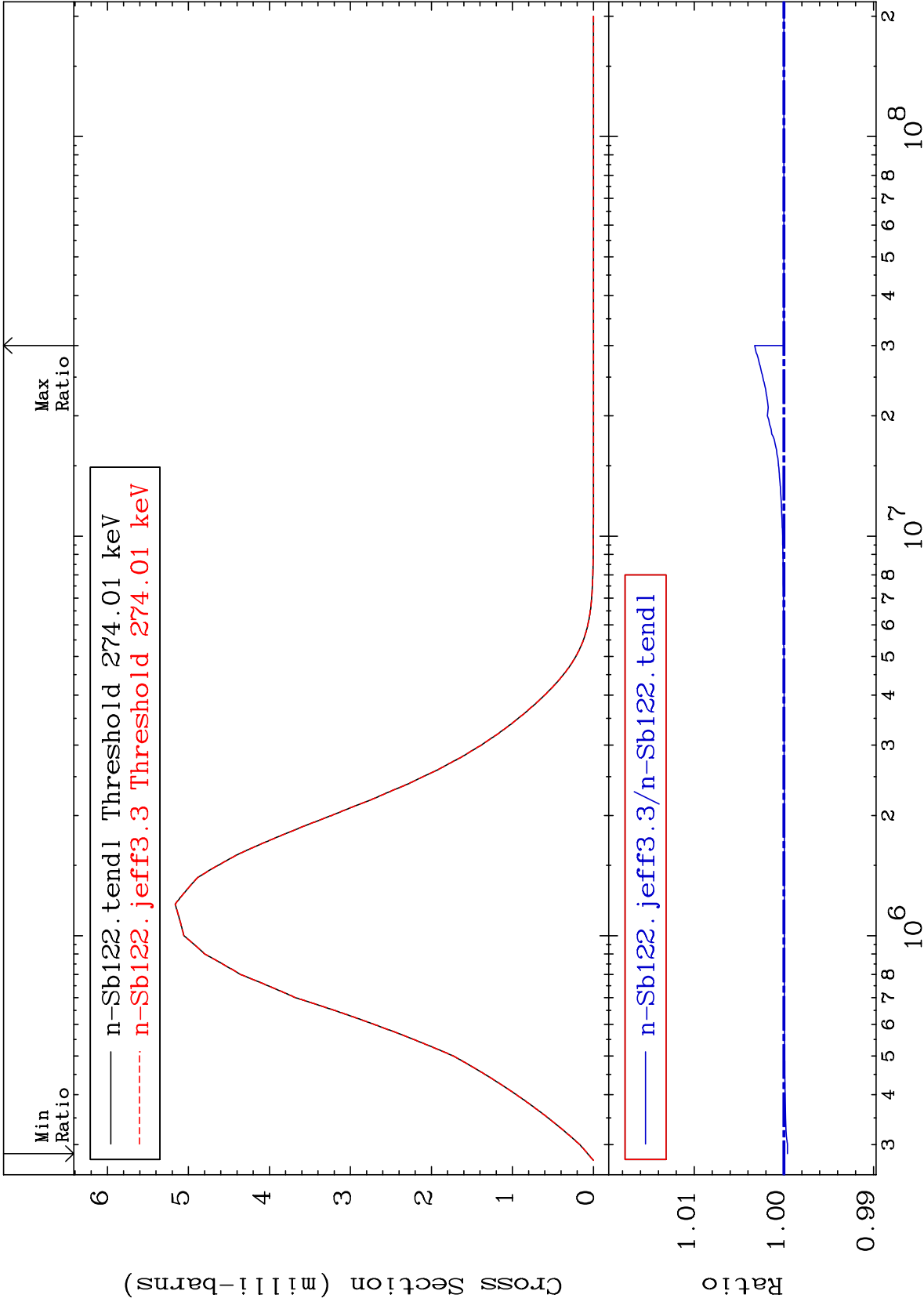
MAT 5128

MT= 63 (n,n') Level

51-Sb-122

Cross Section

-0.041 To 0.326 %



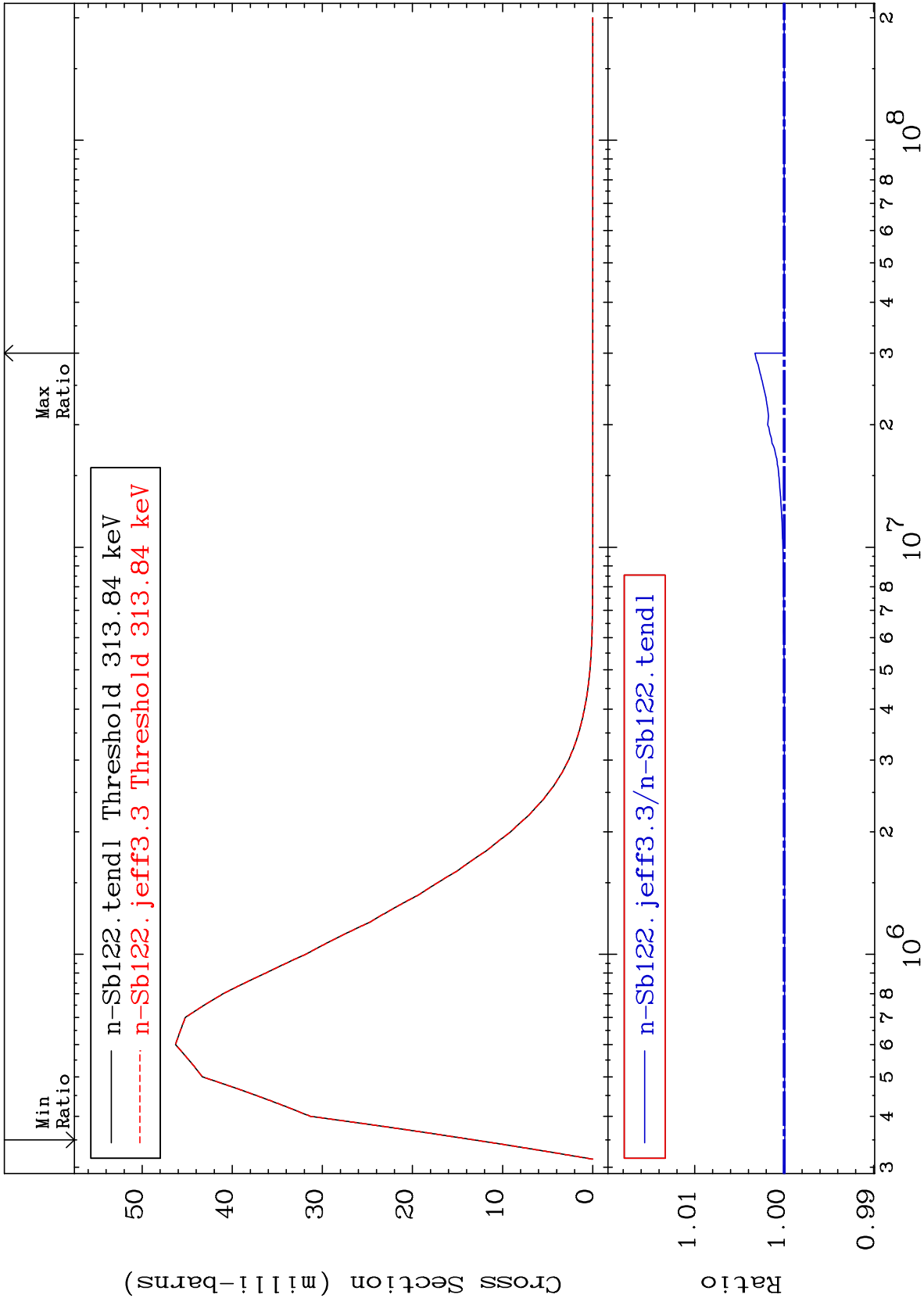
MAT 5128

MT= 65 (n,n') Level

51-Sb-122

Cross Section

-0.007 To 0.326 %



31

Incident Energy (eV)

51-Sb-122

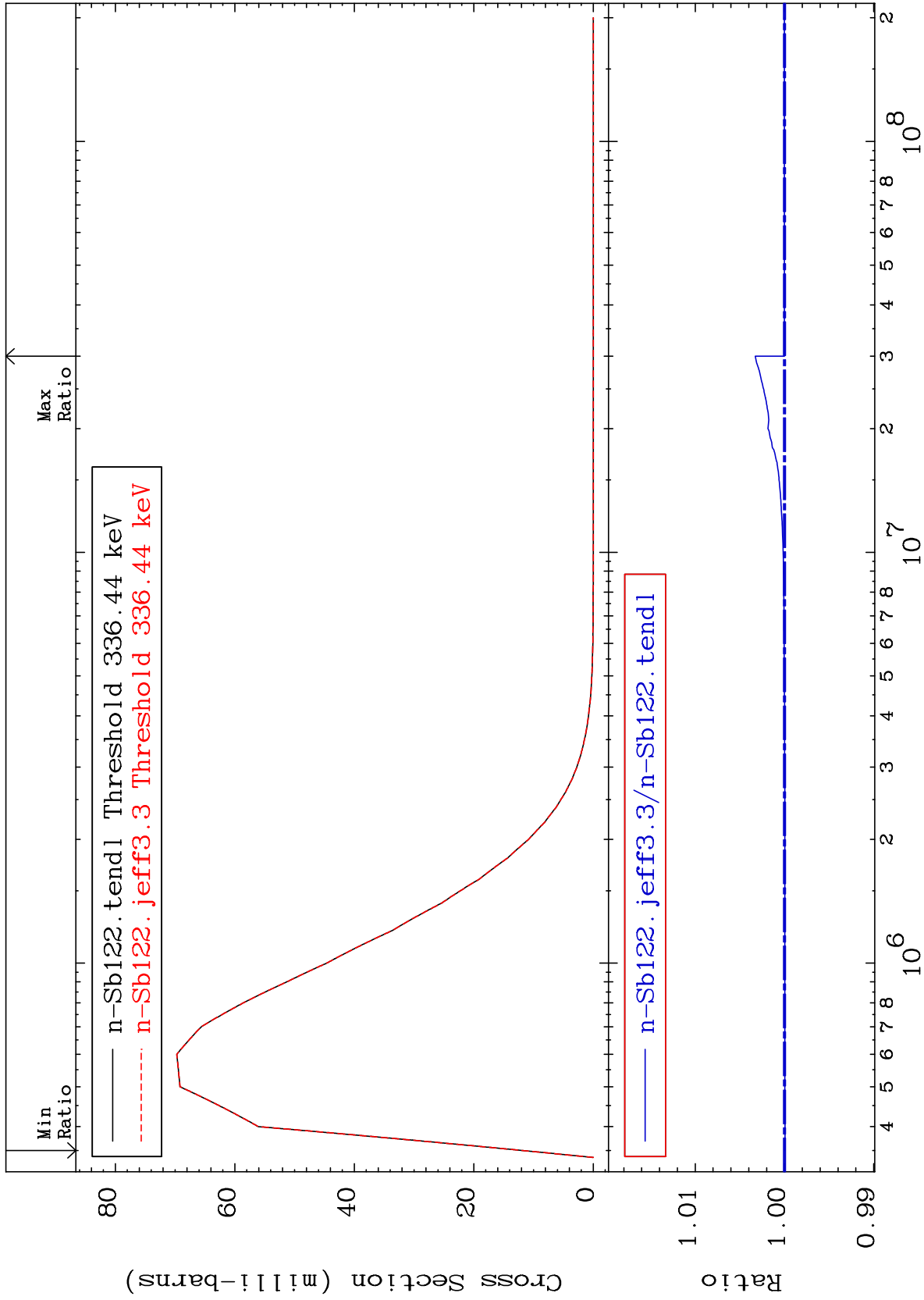
MAT 5128

MT= 67 (n,n') Level

51-Sb-122

Cross Section

-0.006 To 0.327 %



32

Incident Energy (eV)

51-Sb-122

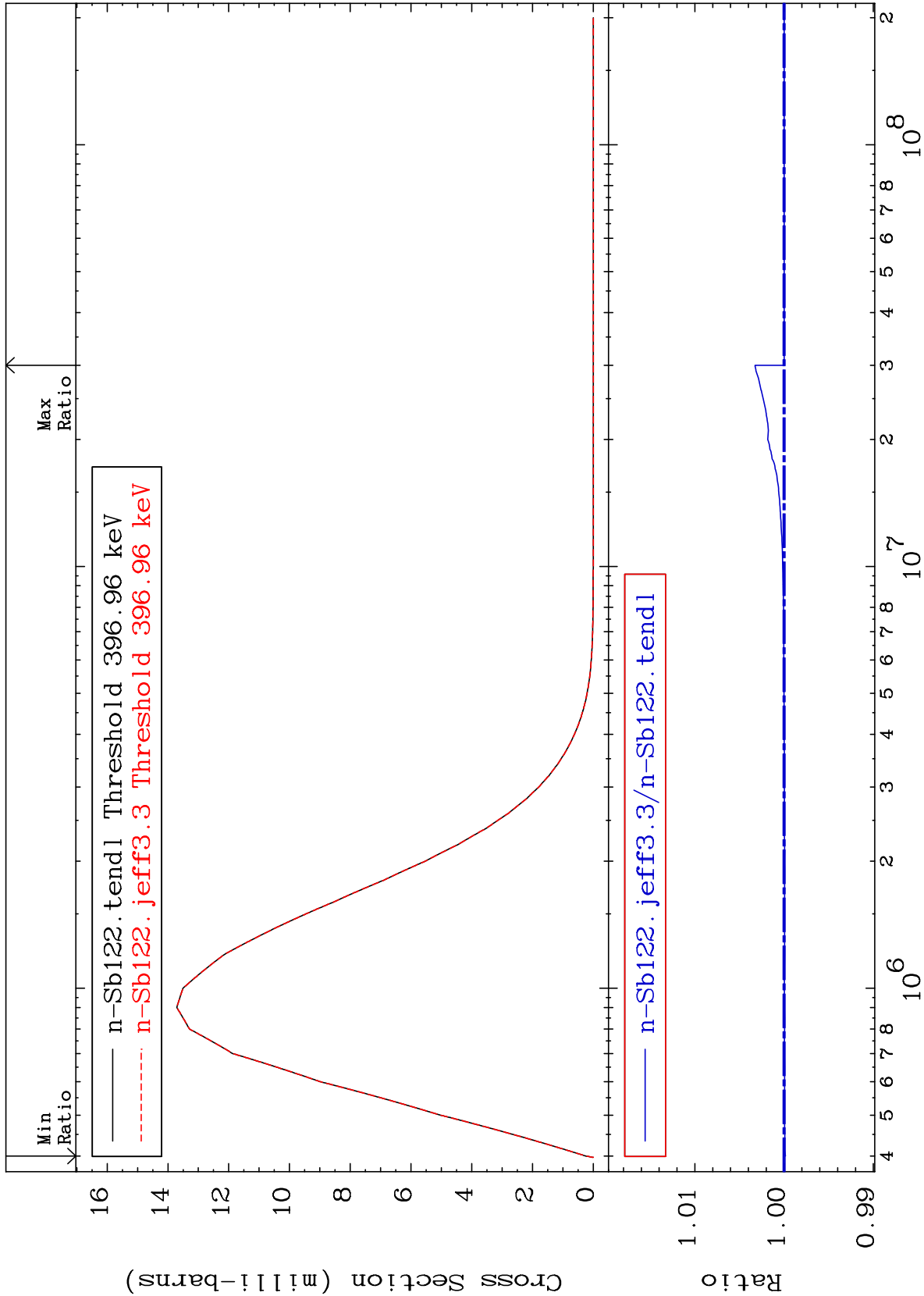
MAT 5128

MT= 68 (n,n') Level

51-Sb-122

Cross Section

-0.014 To 0.326 %



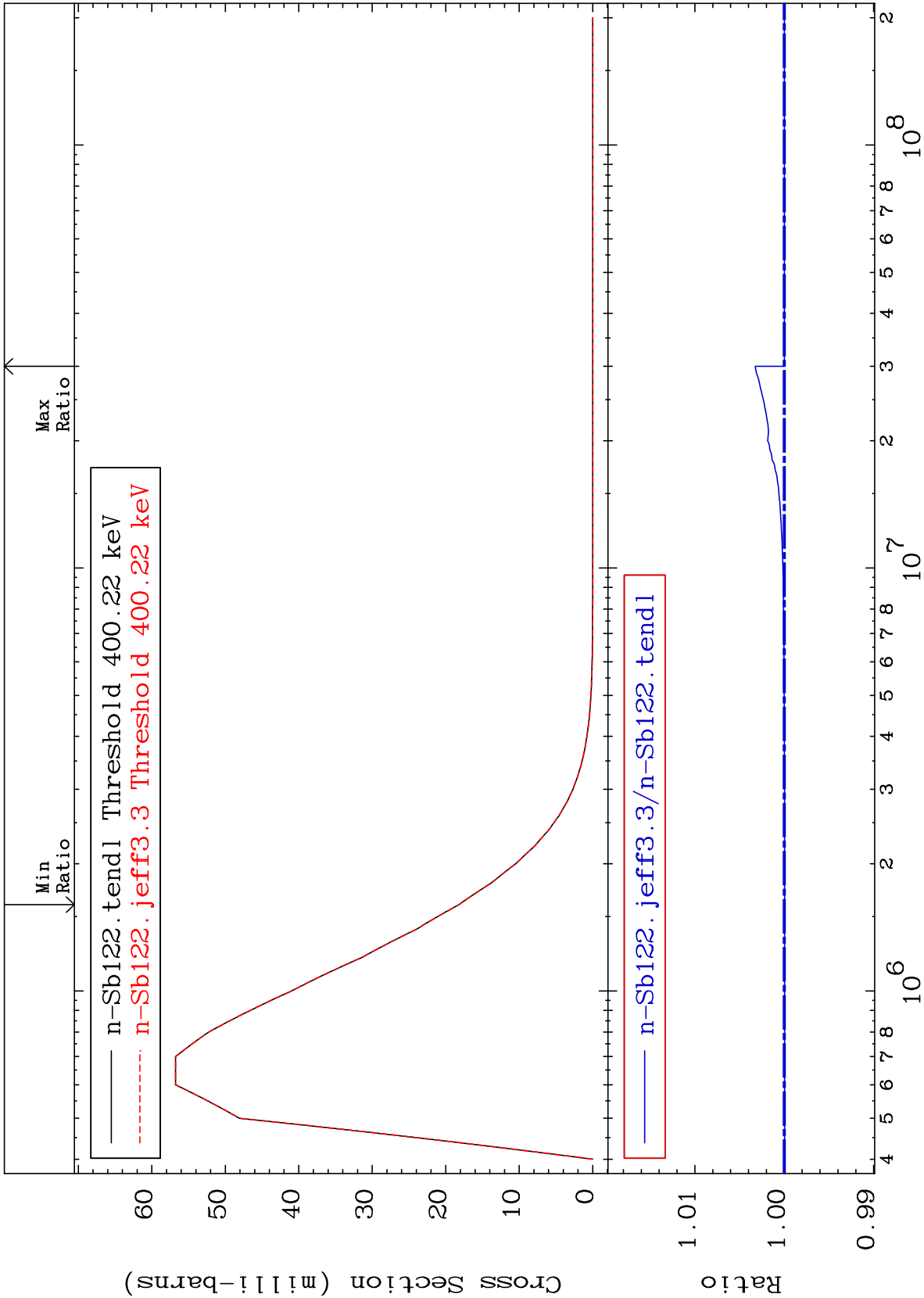
MAT 5128

MT= 69 (n,n') Level

51-Sb-122

Cross Section

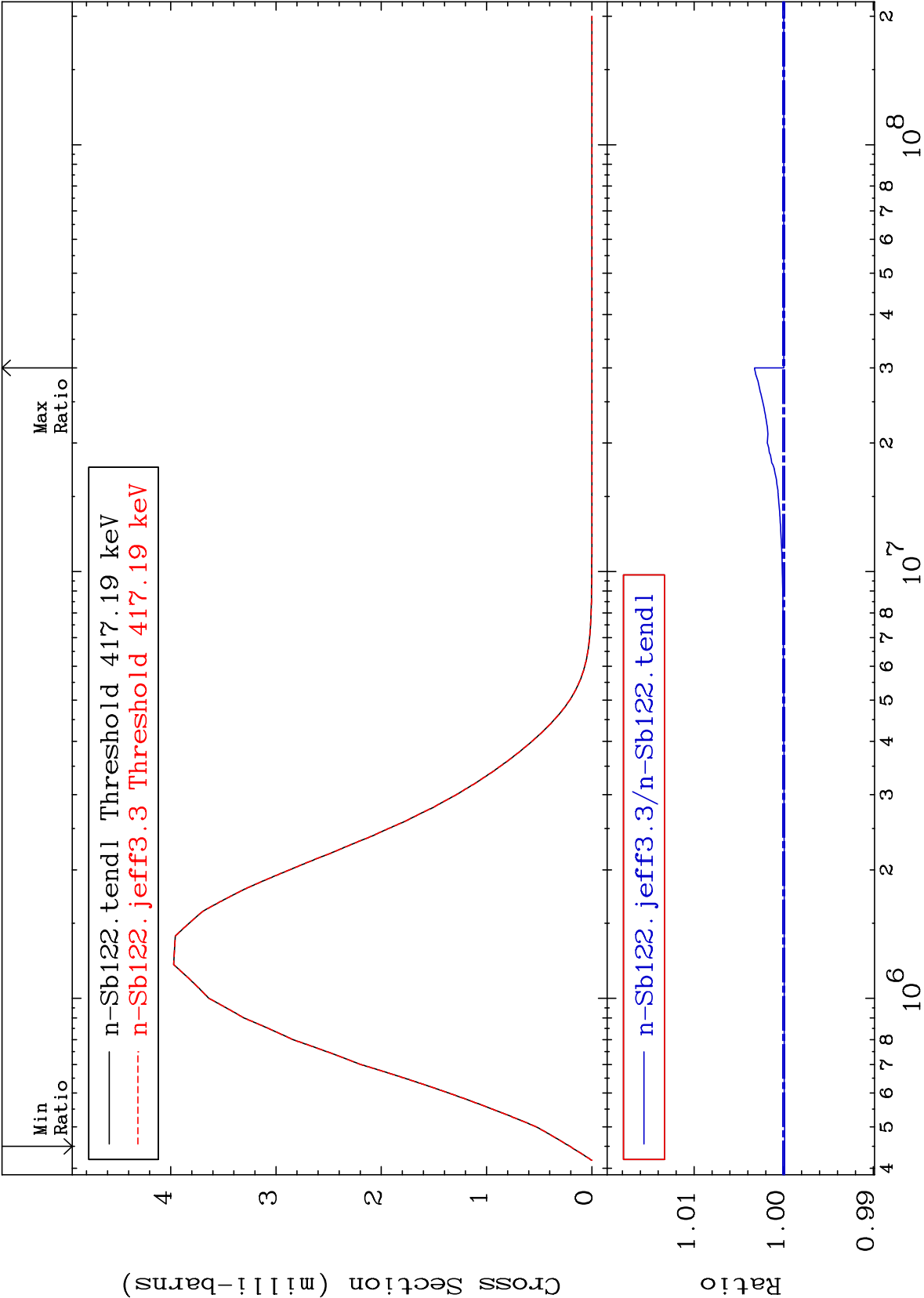
-0.004 To 0.326 %



34

Incident Energy (eV)

51-Sb-122



— n-Sb122.tendl Threshold 417.19 keV
- - - n-Sb122.jeff3.3 Threshold 417.19 keV

— n-Sb122.jeff3.3/n-Sb122.tendl

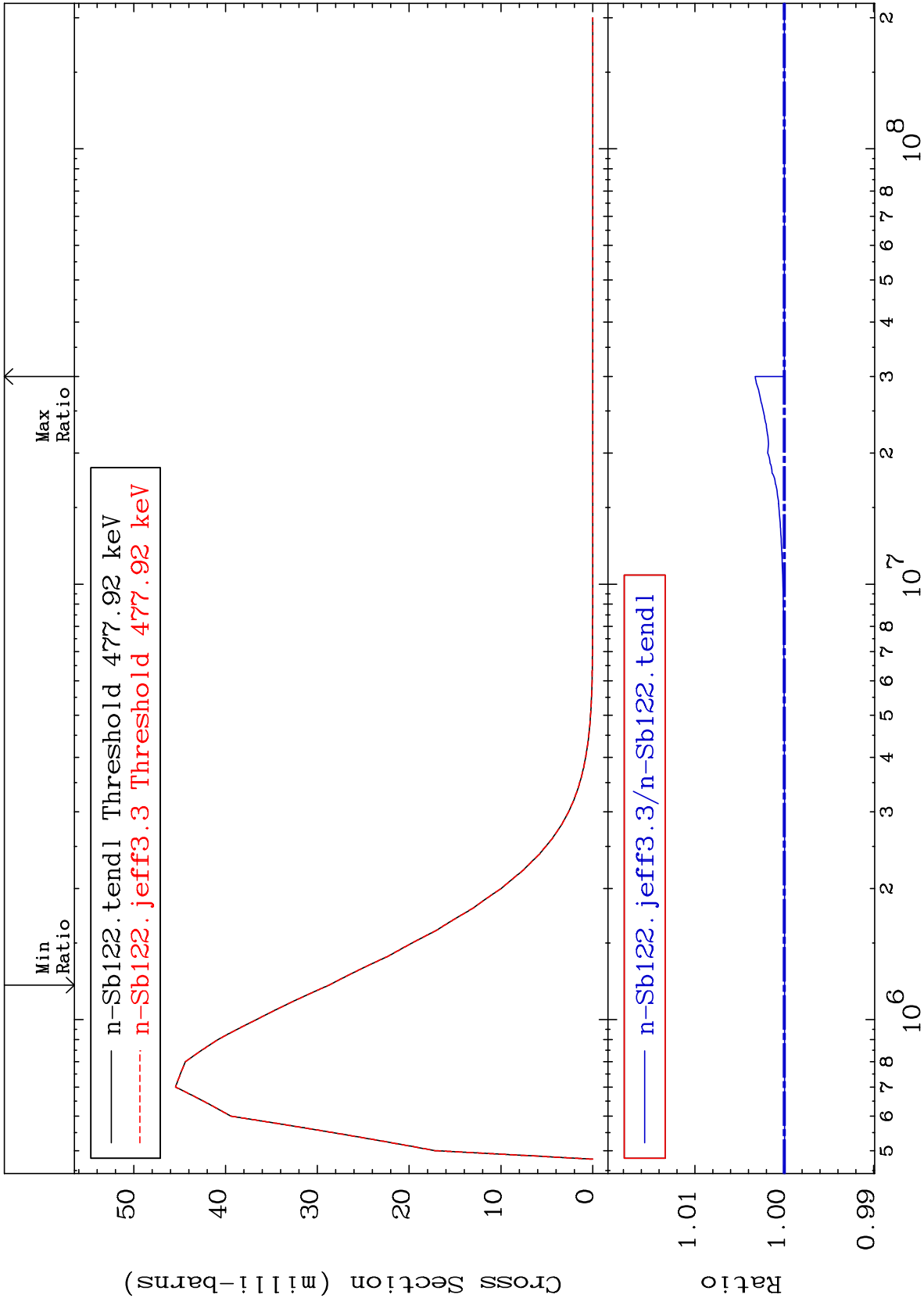
MAT 5128

MT= 75 (n,n') Level

51-Sb-122

Cross Section

-0.004 To 0.326 %



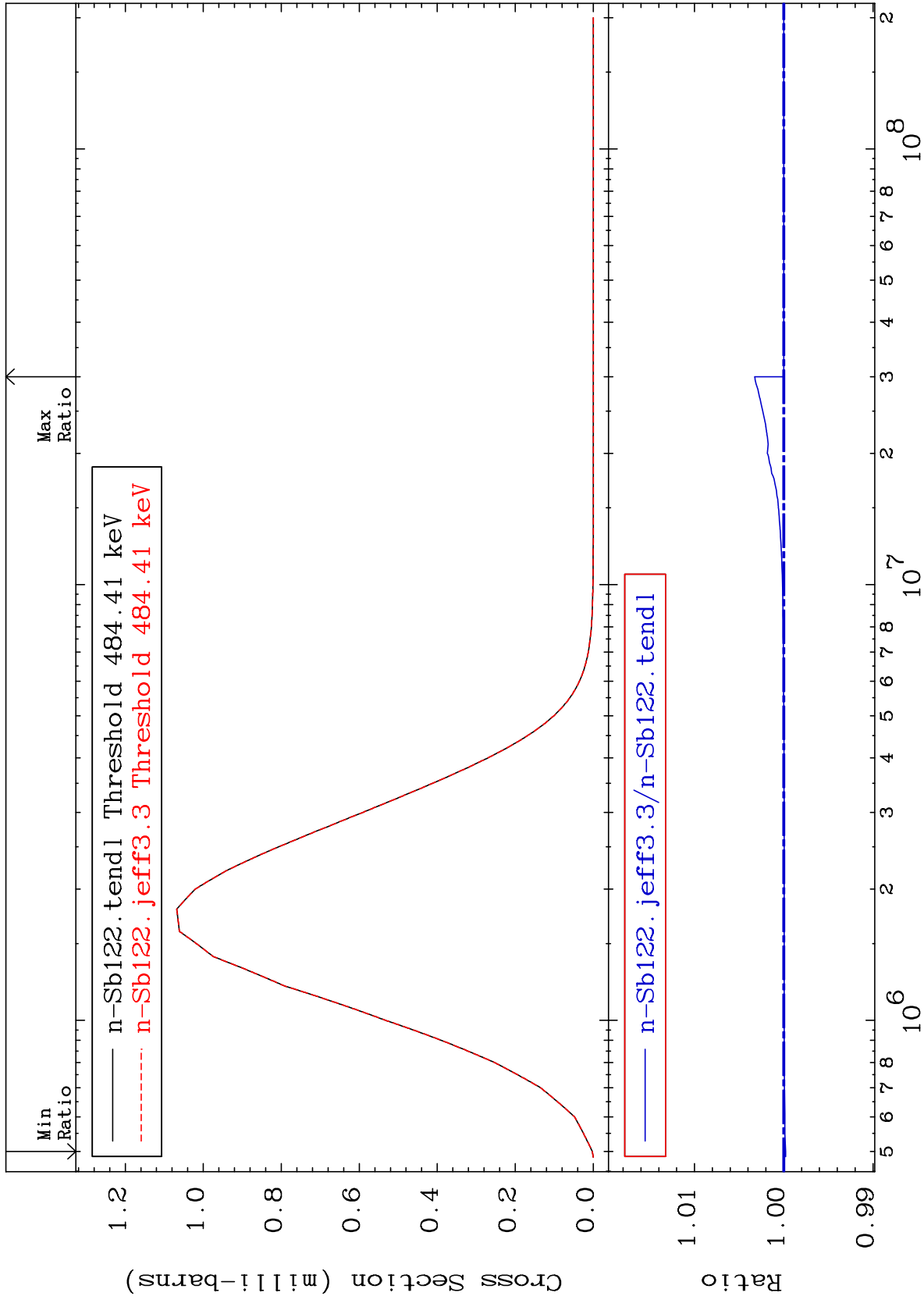
MAT 5128

MT= 76 (n,n') Level

51-Sb-122

Cross Section

-0.022 To 0.327 %



37

Incident Energy (eV)

51-Sb-122

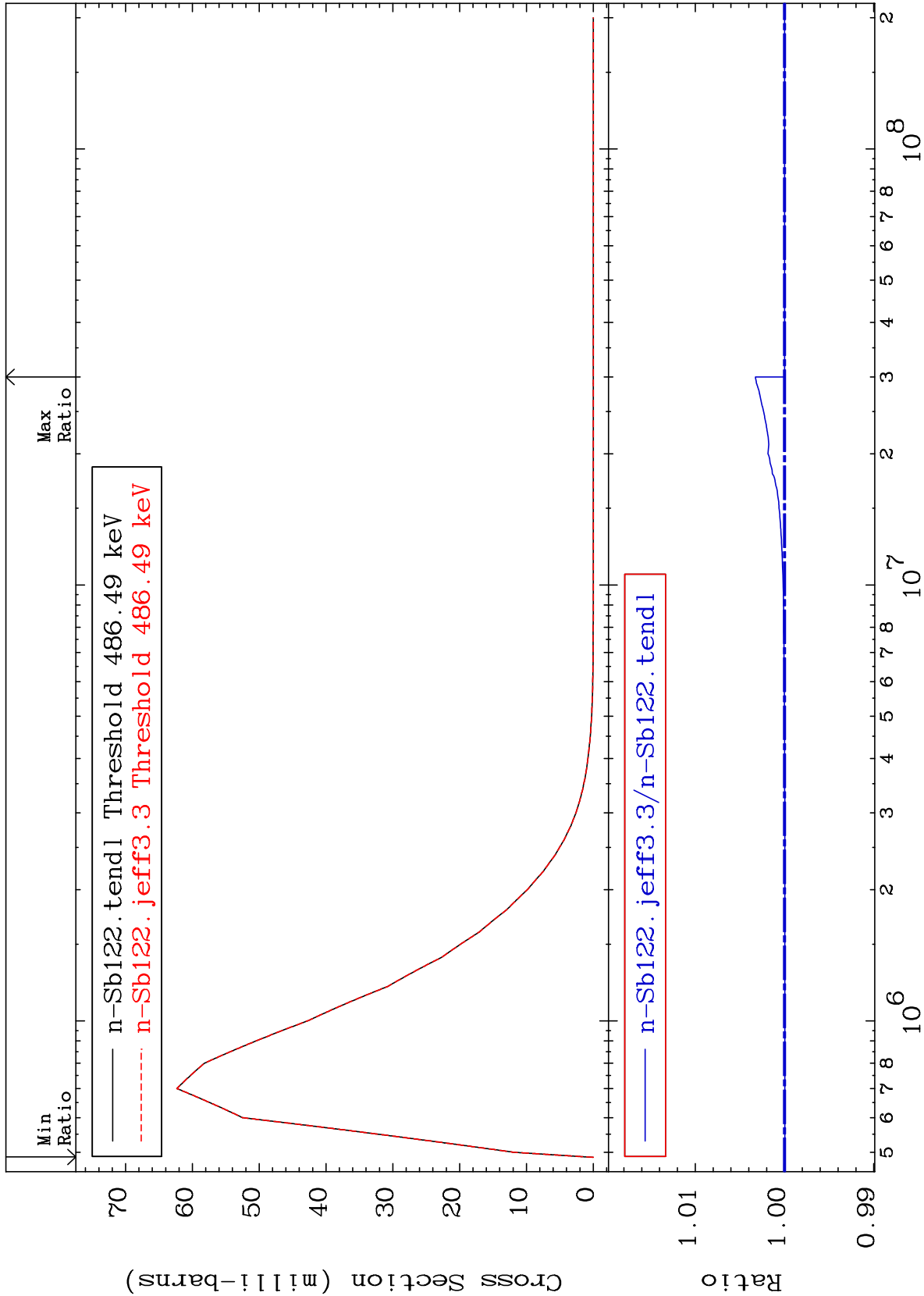
MAT 5128

MT= 77 (n,n') Level

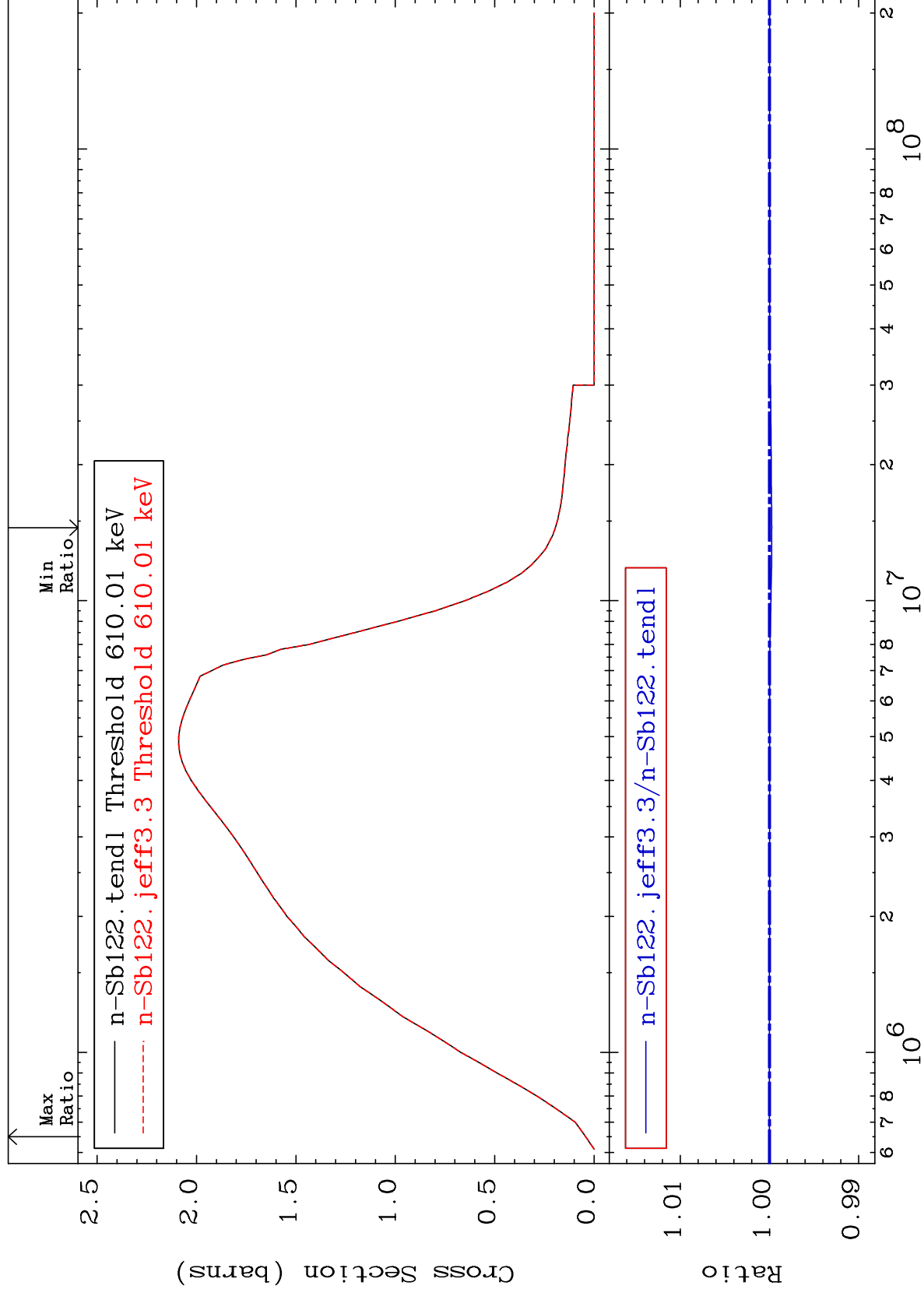
51-Sb-122

Cross Section

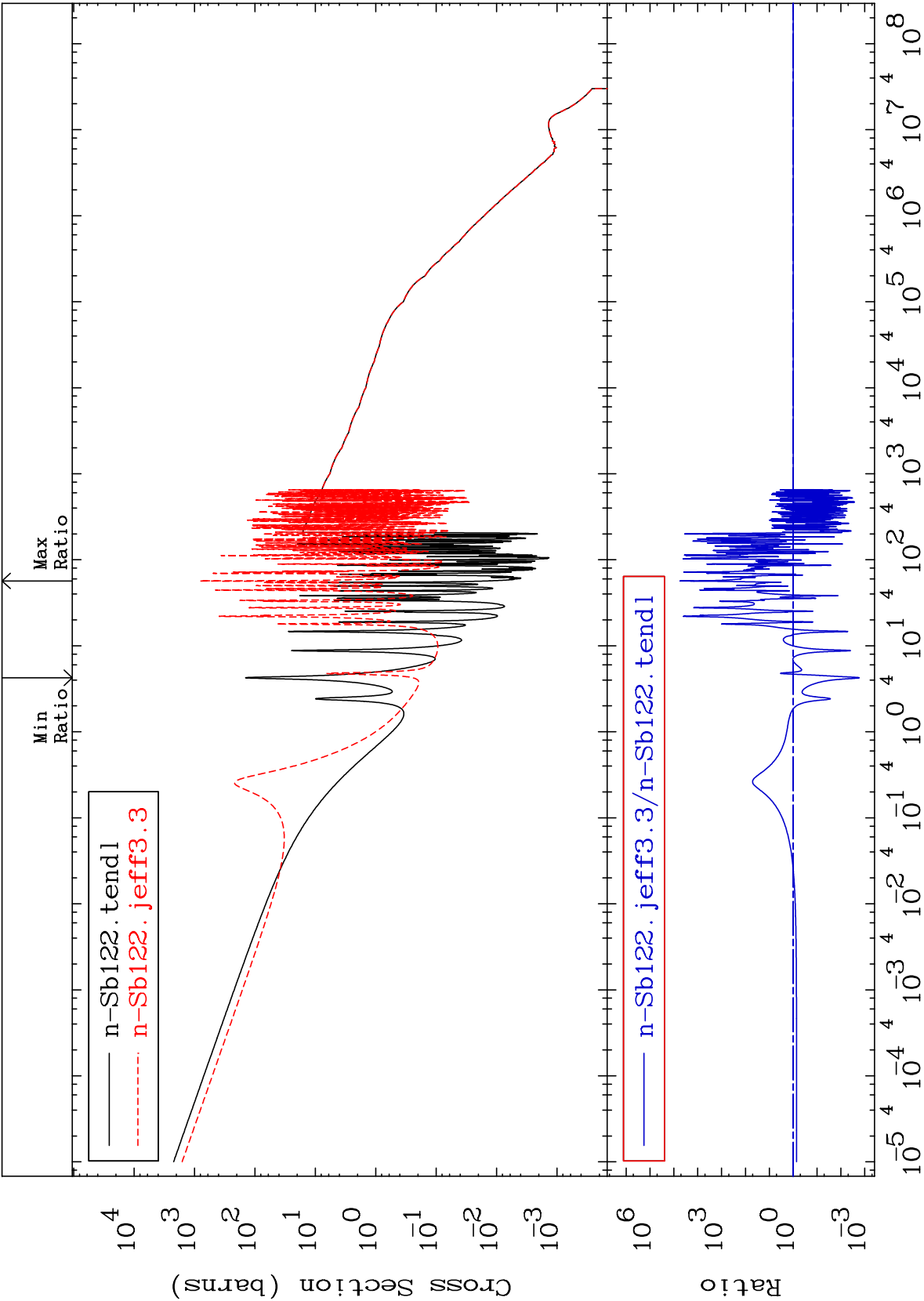
-0.005 To 0.327 %

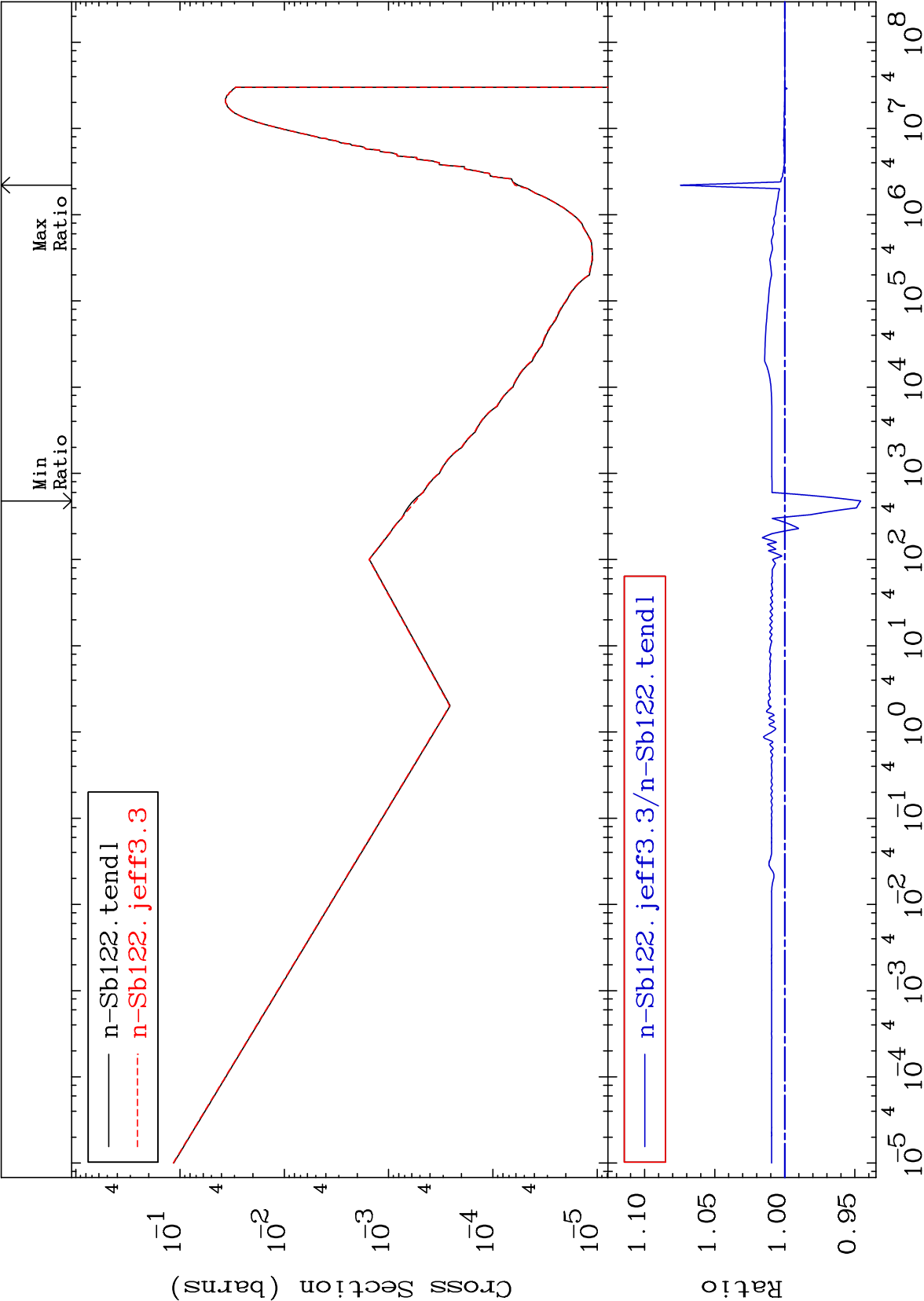


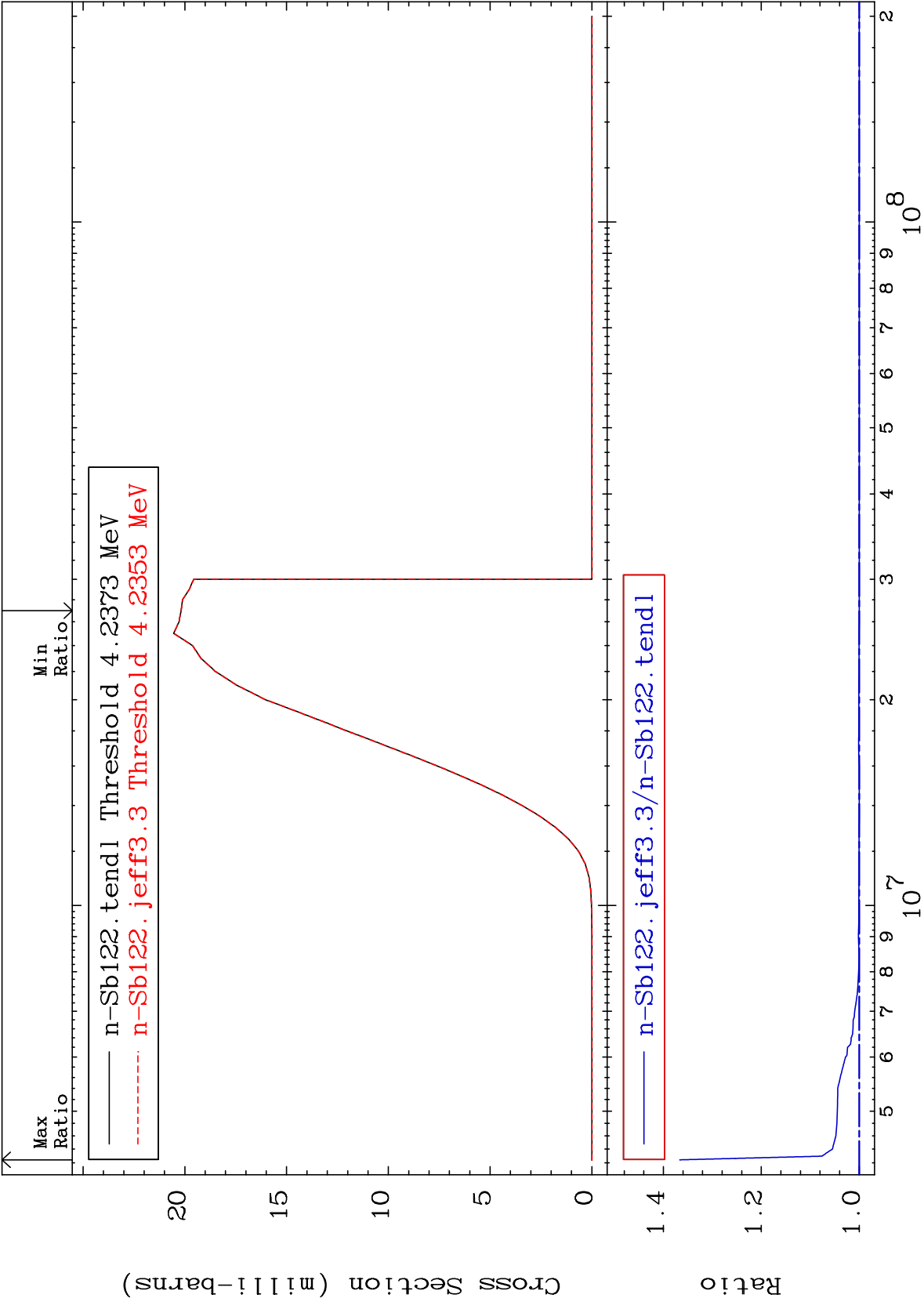
51-Sb-122
-0.026 To 0.002 %

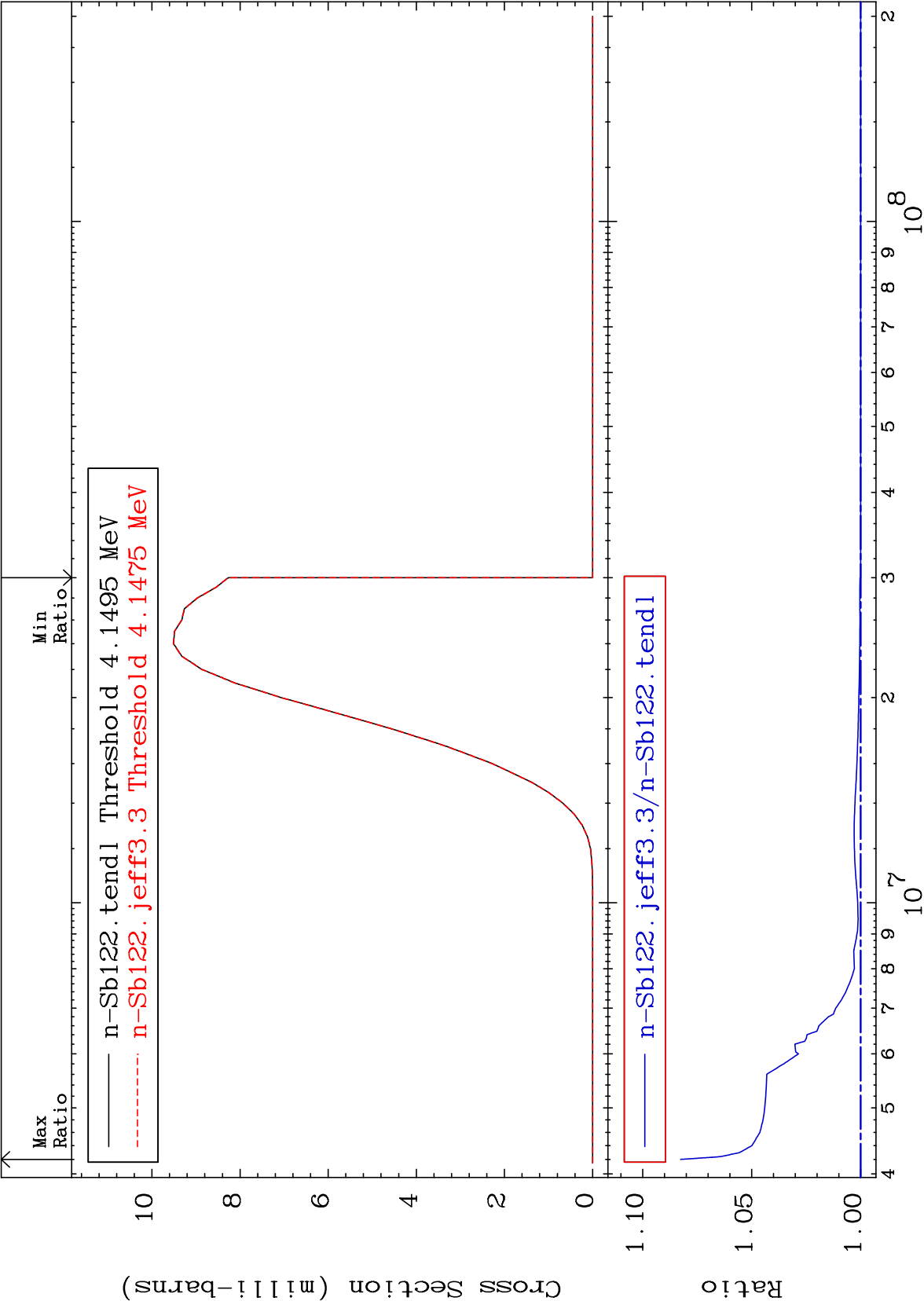


51-Sb-122









MAT 5128

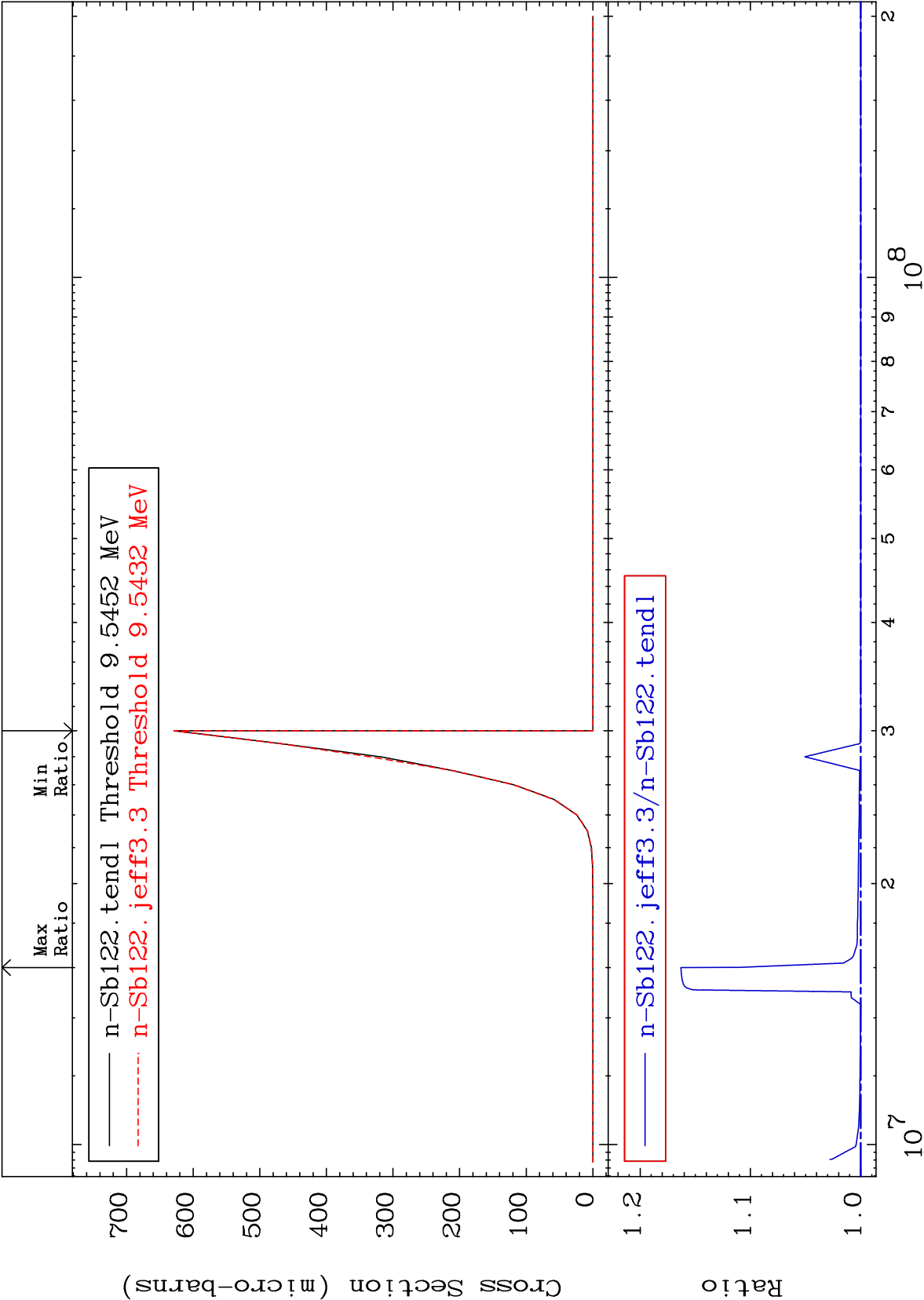
(n,He-3)

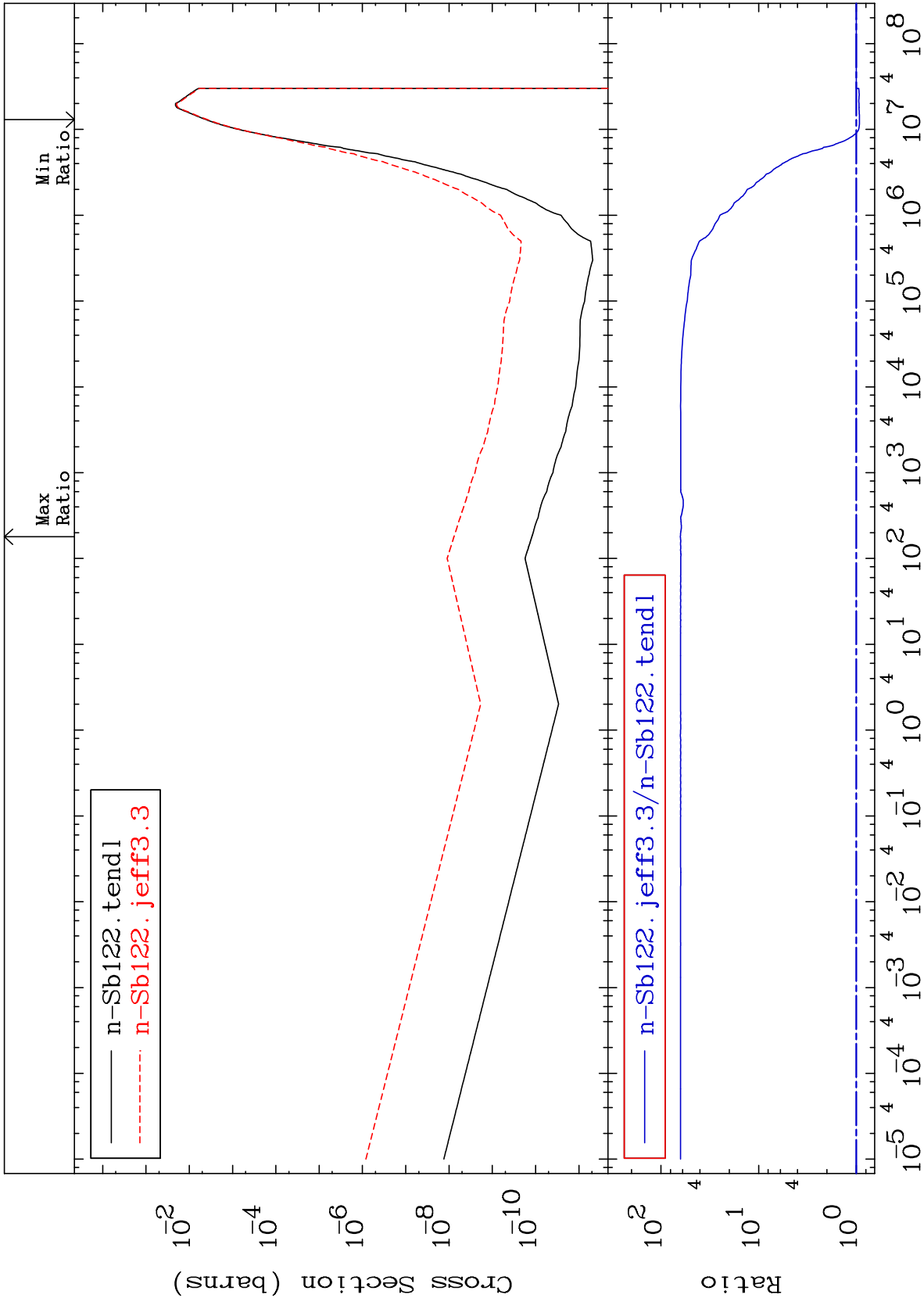
51-Sb-122

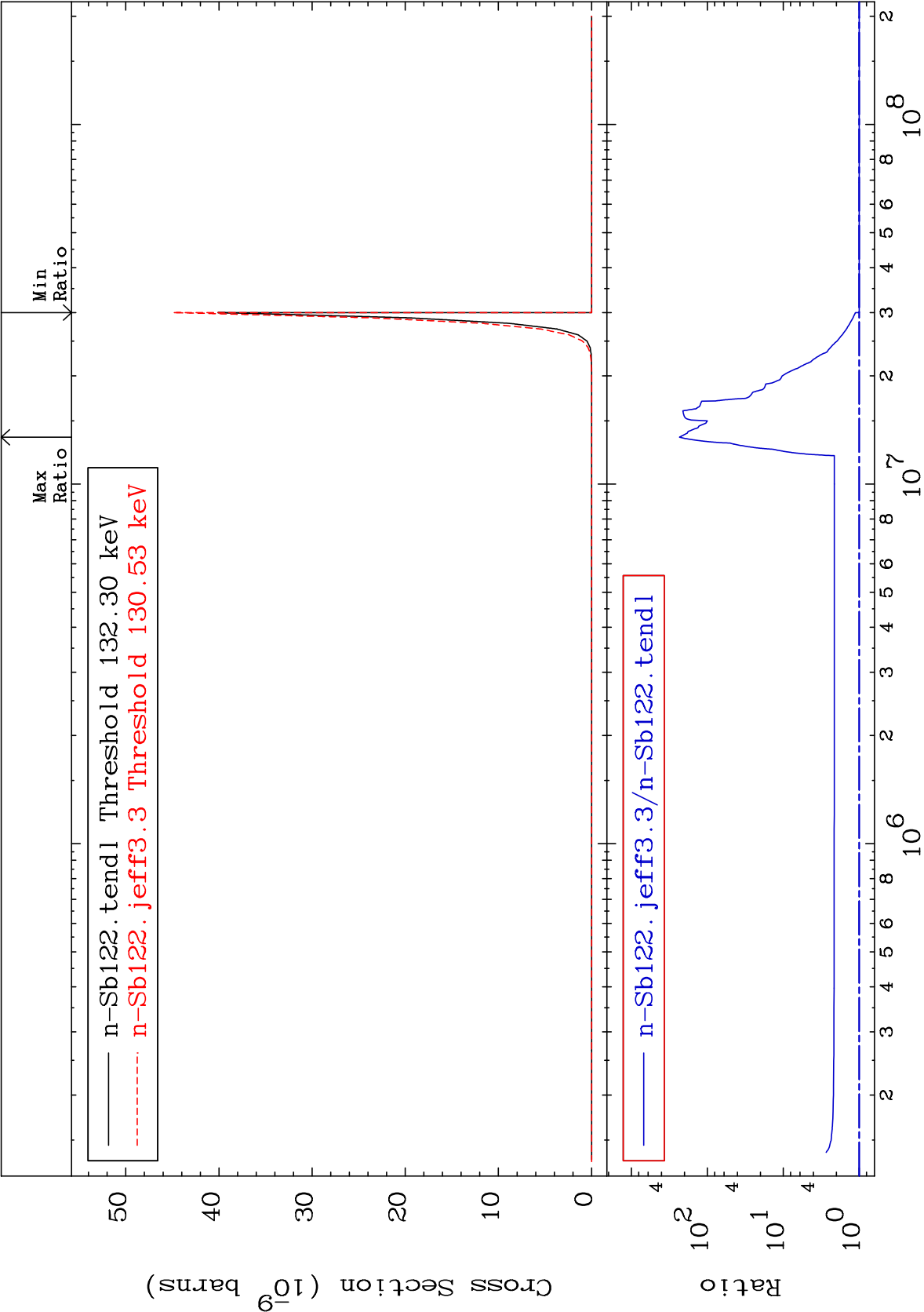
Cross Section

0.000

To 16.31 %







MAT 5128

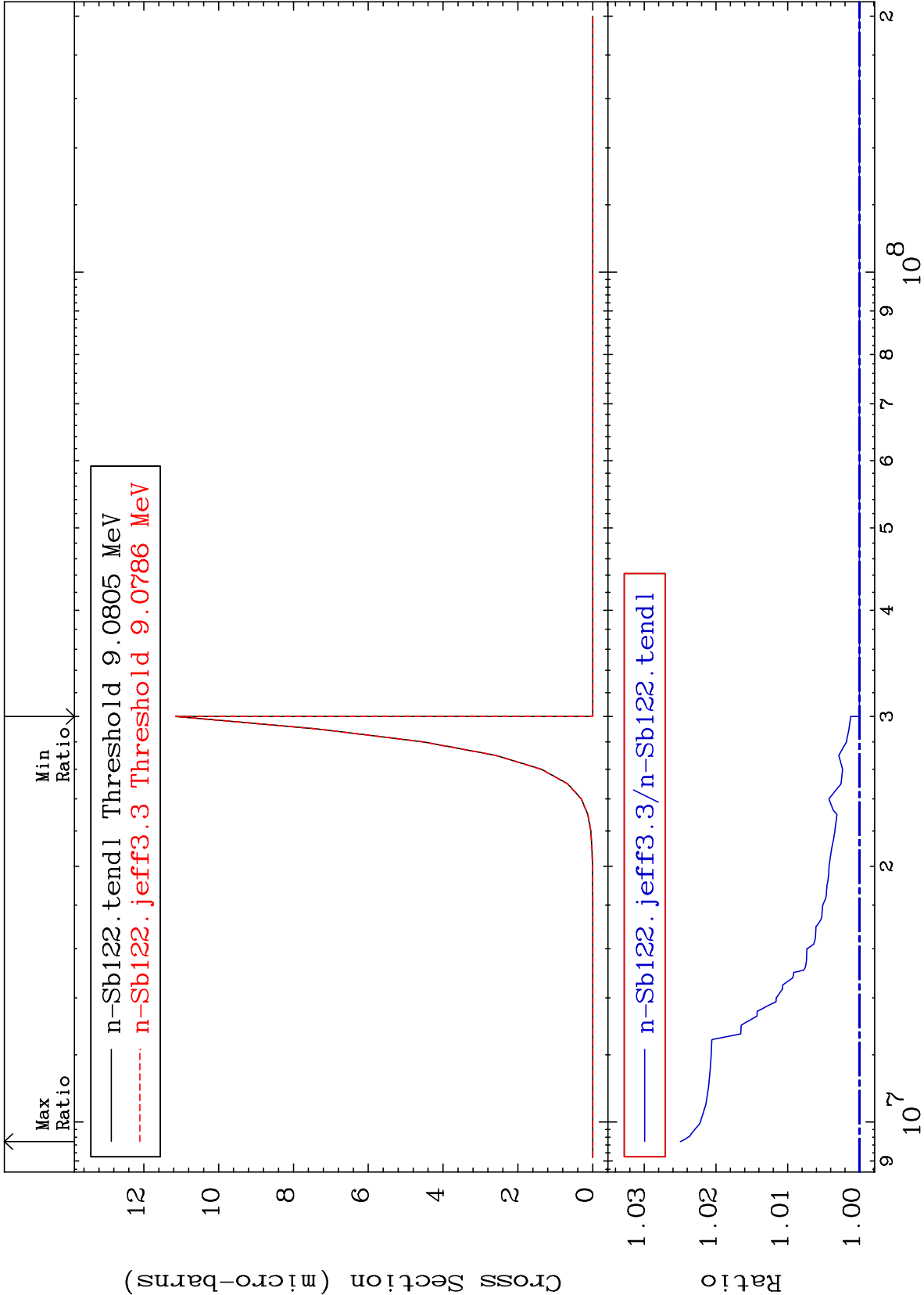
(n,2p)

51-Sb-122

Cross Section

0.000

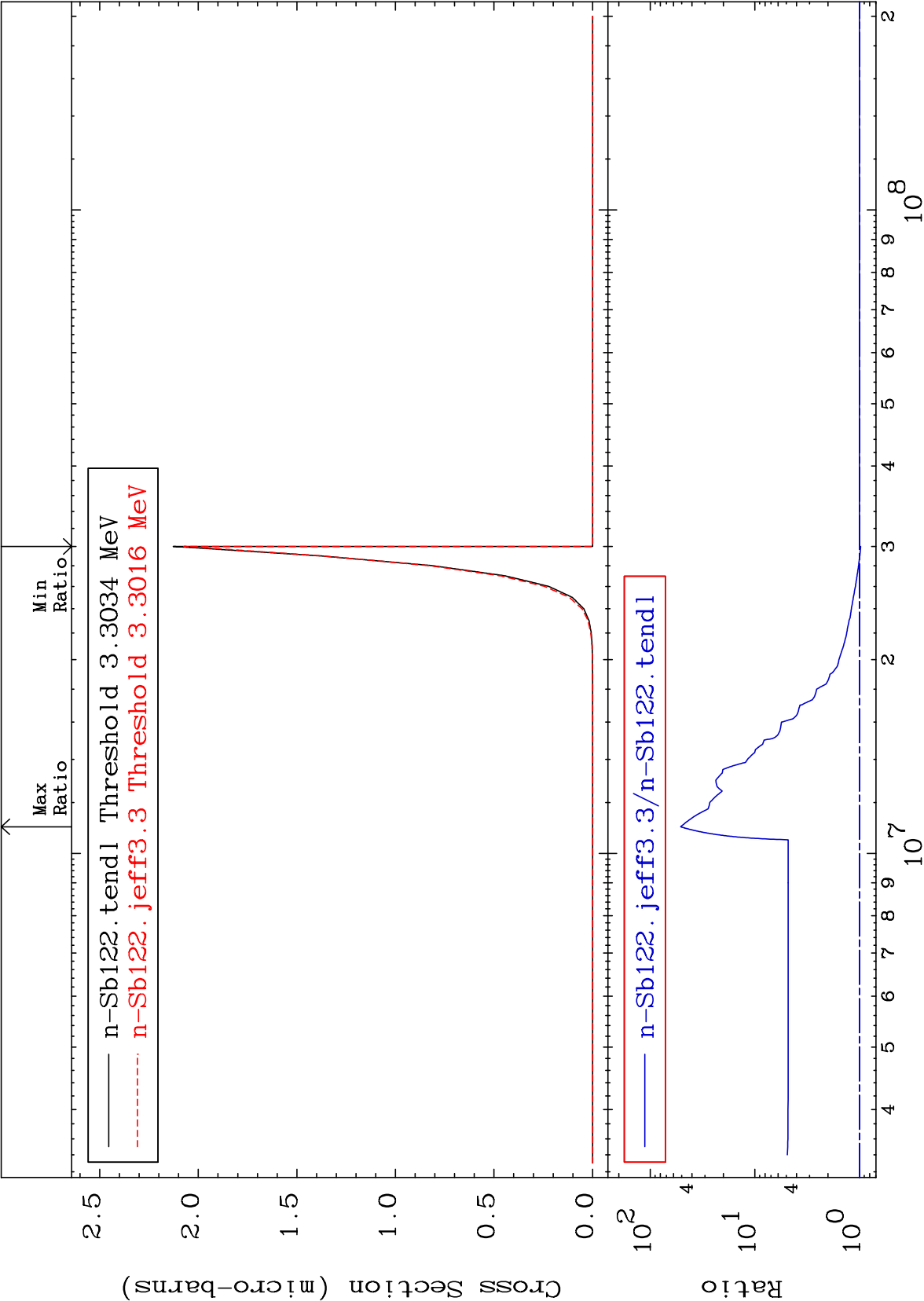
To 2.497 %

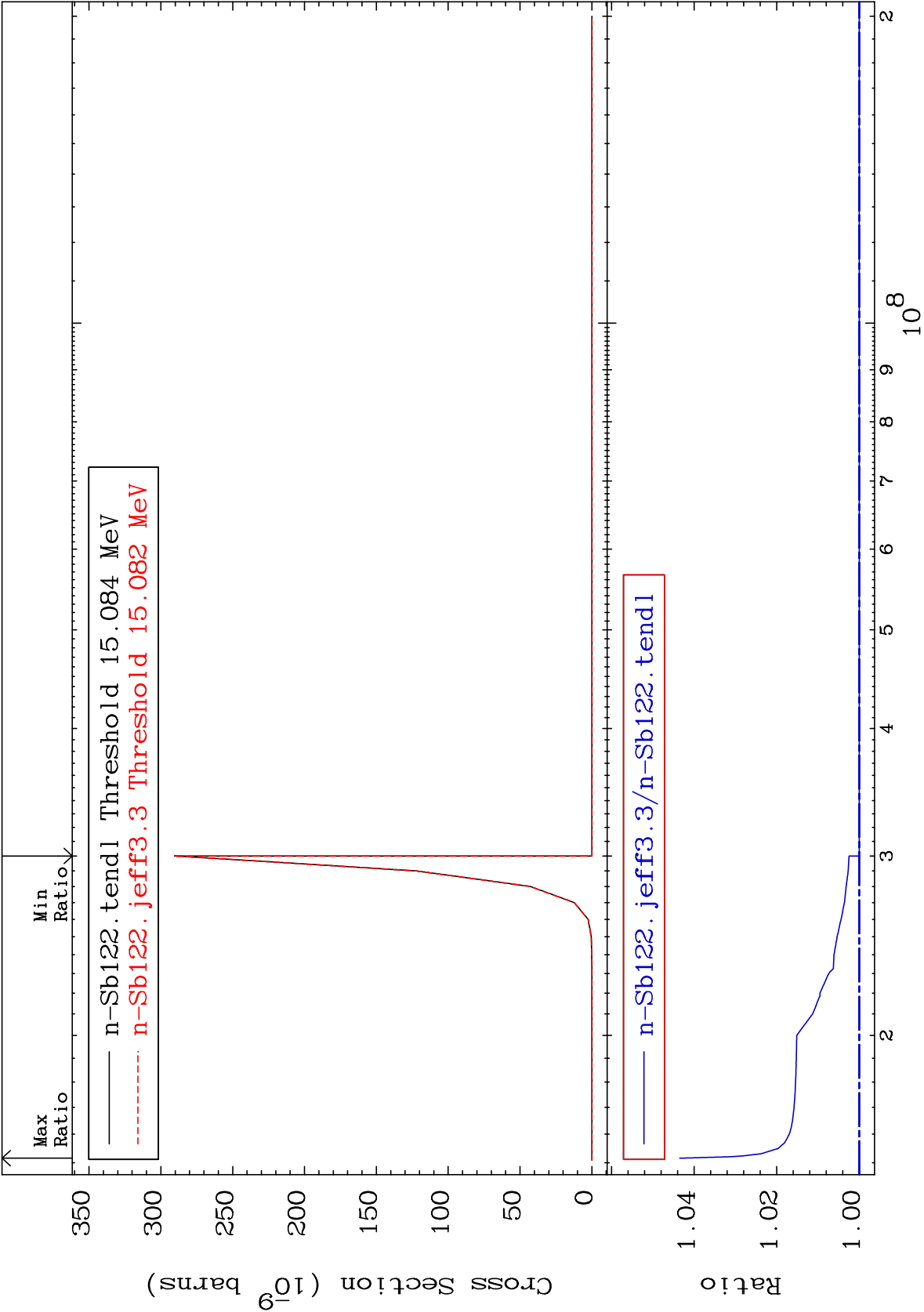


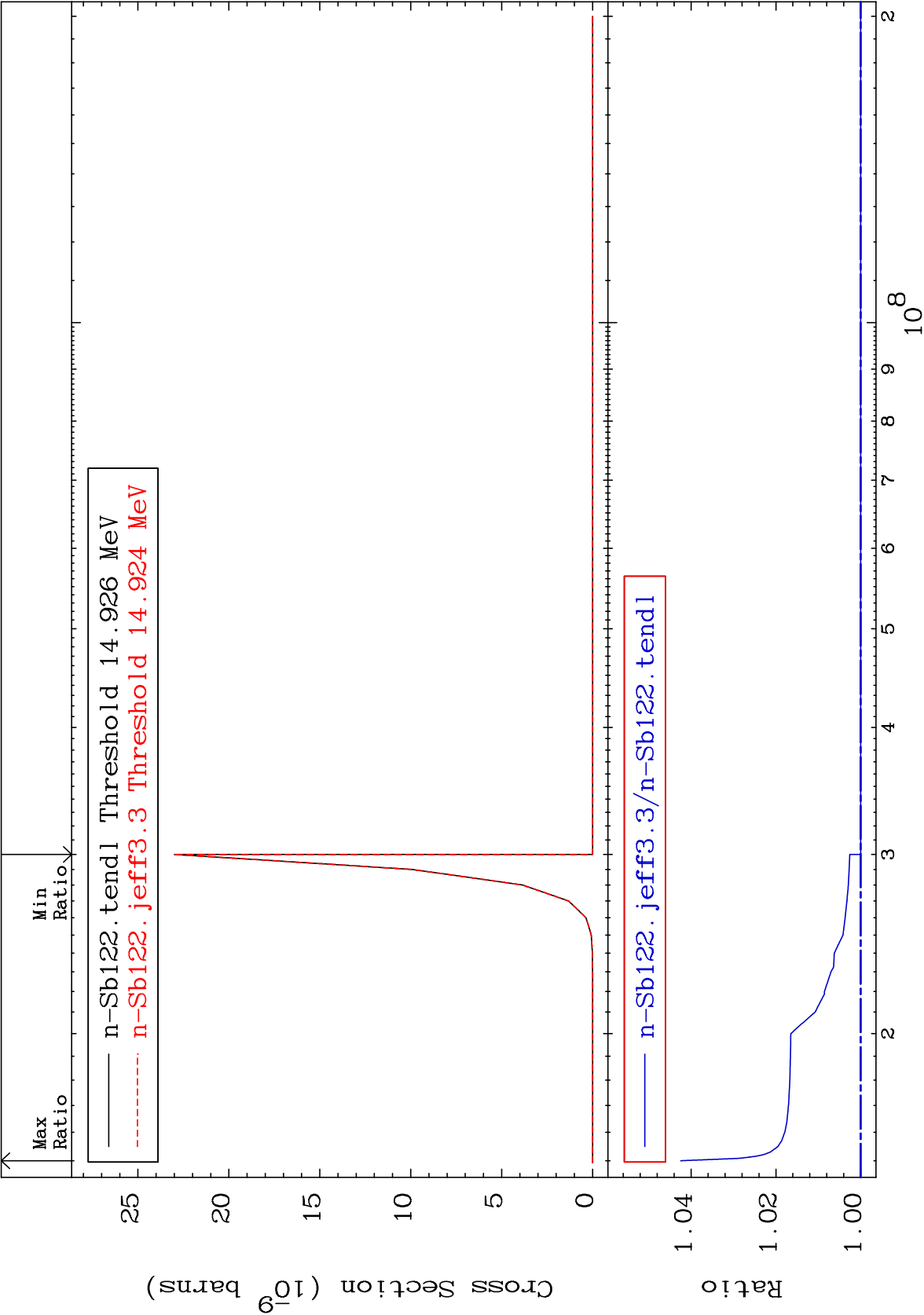
47

Incident Energy (eV)

51-Sb-122



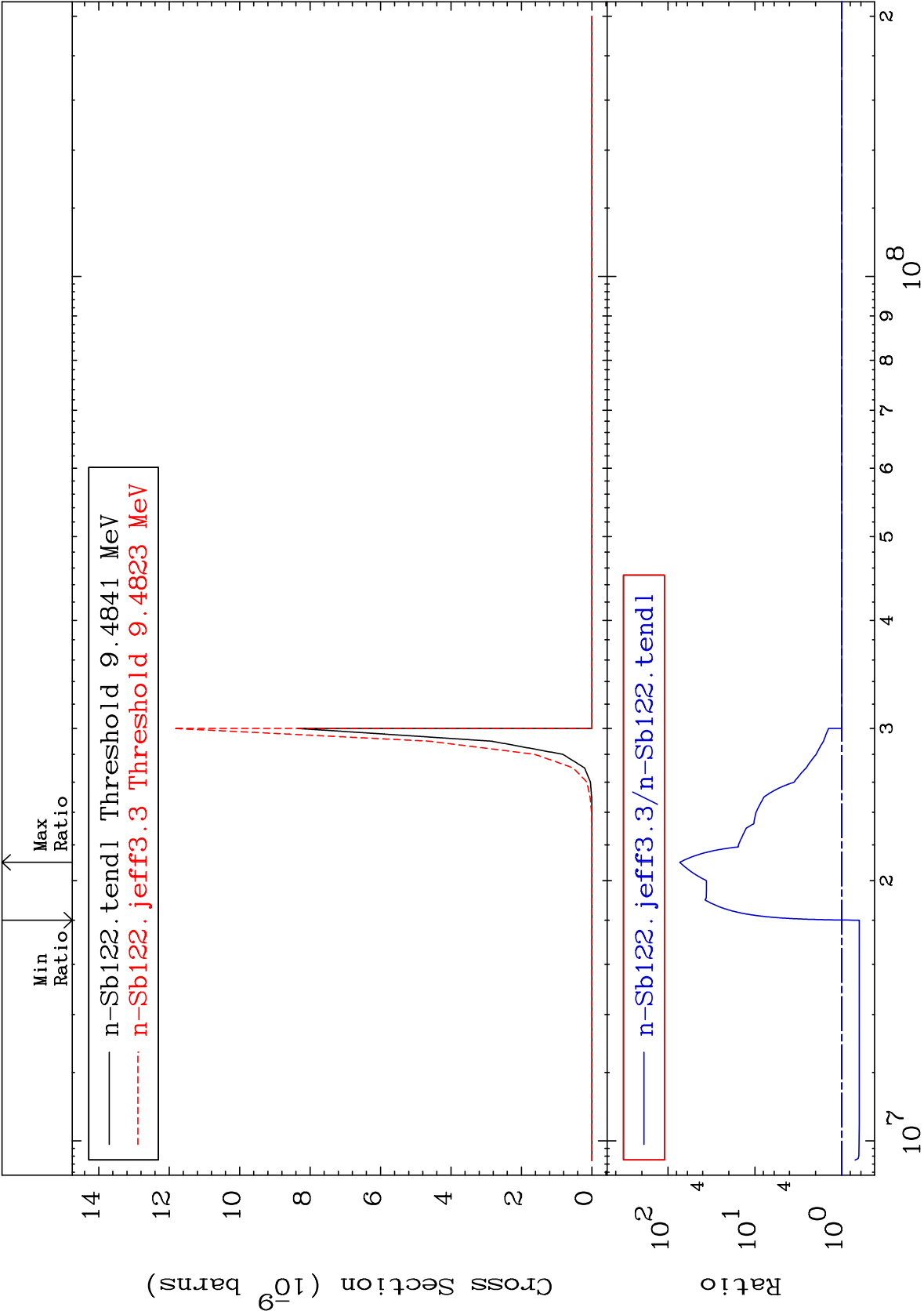


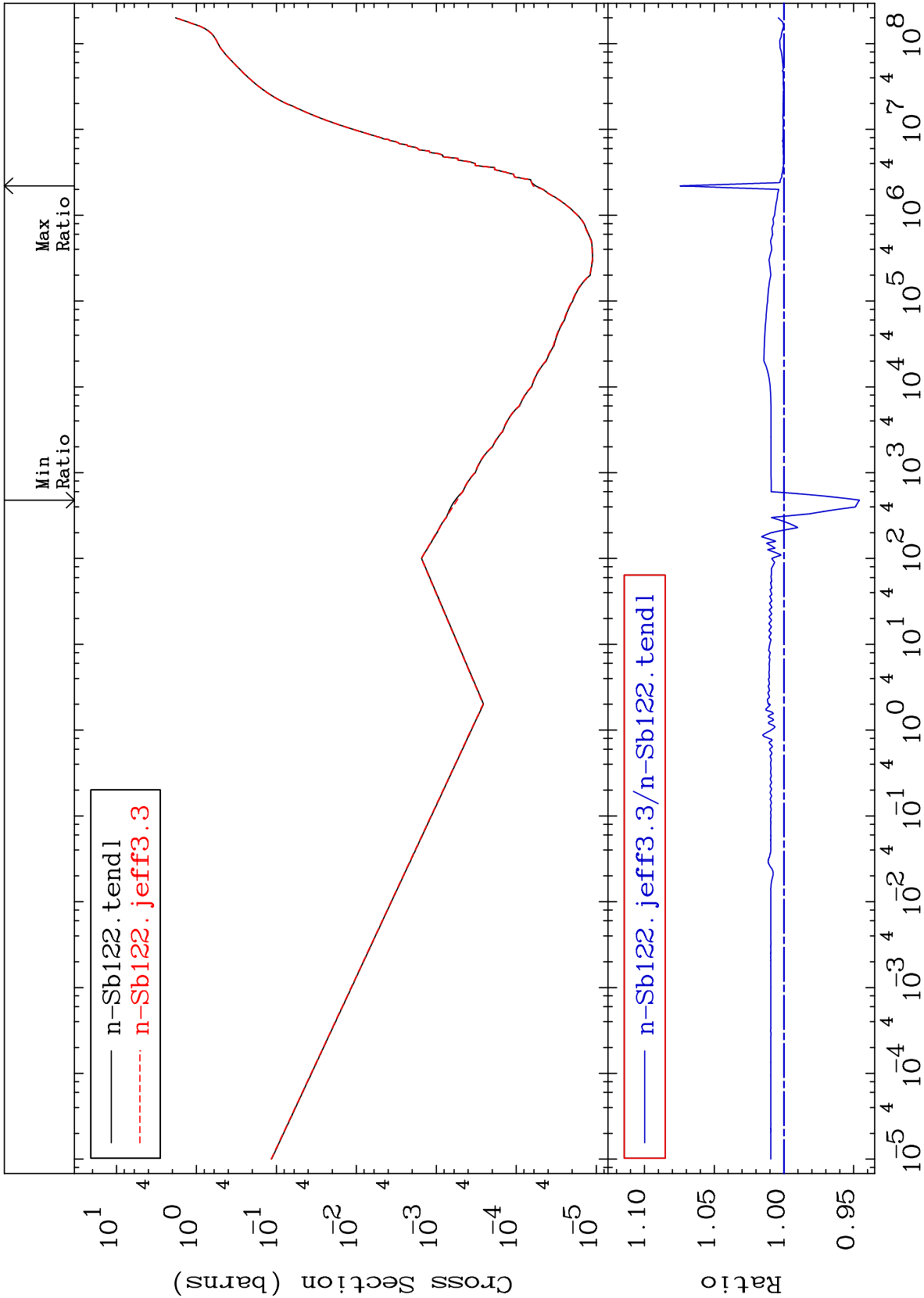


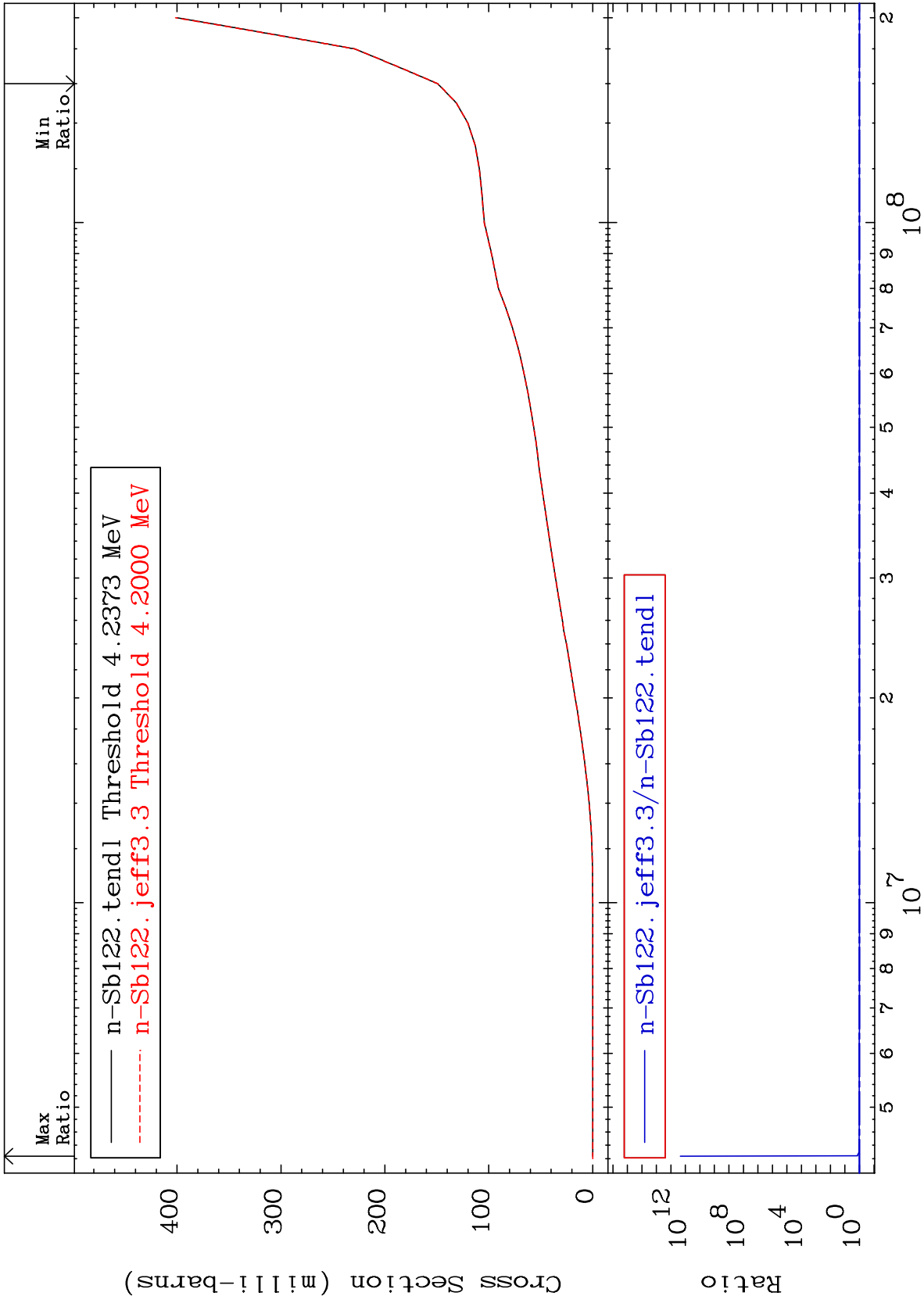
MAT 5128

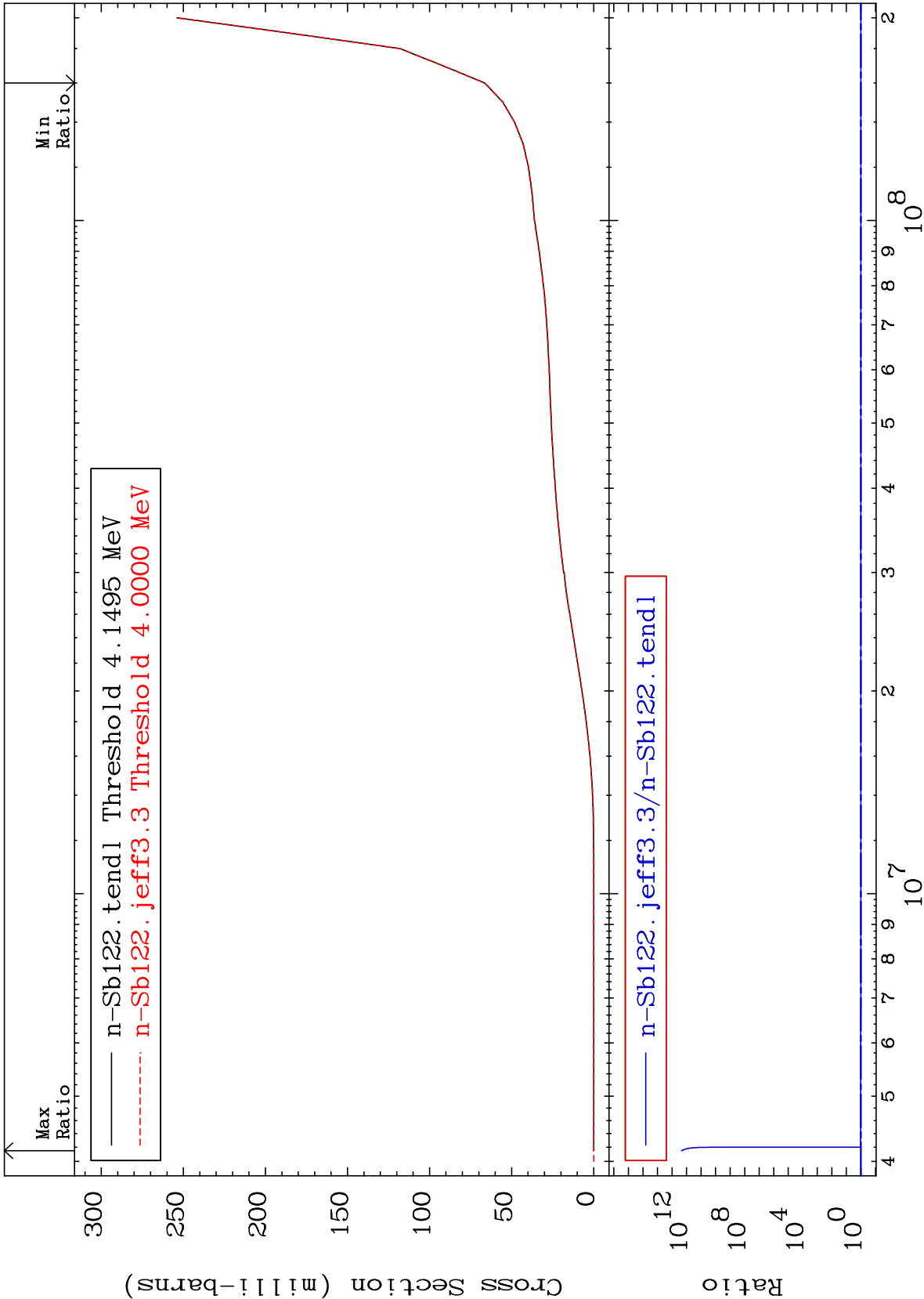
(n,d) α
Cross Section

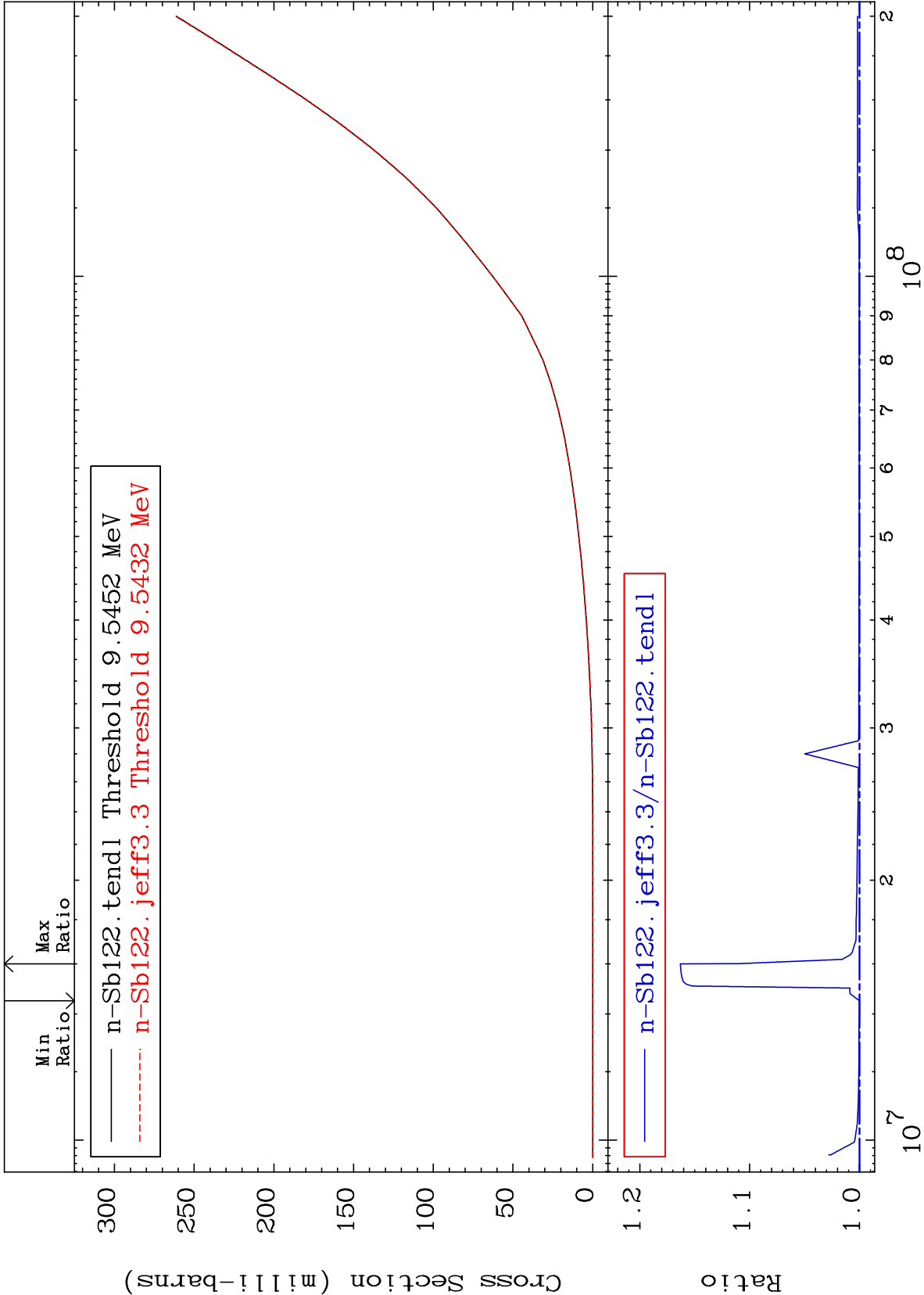
51-Sb-122
-37.11 To 7239. %

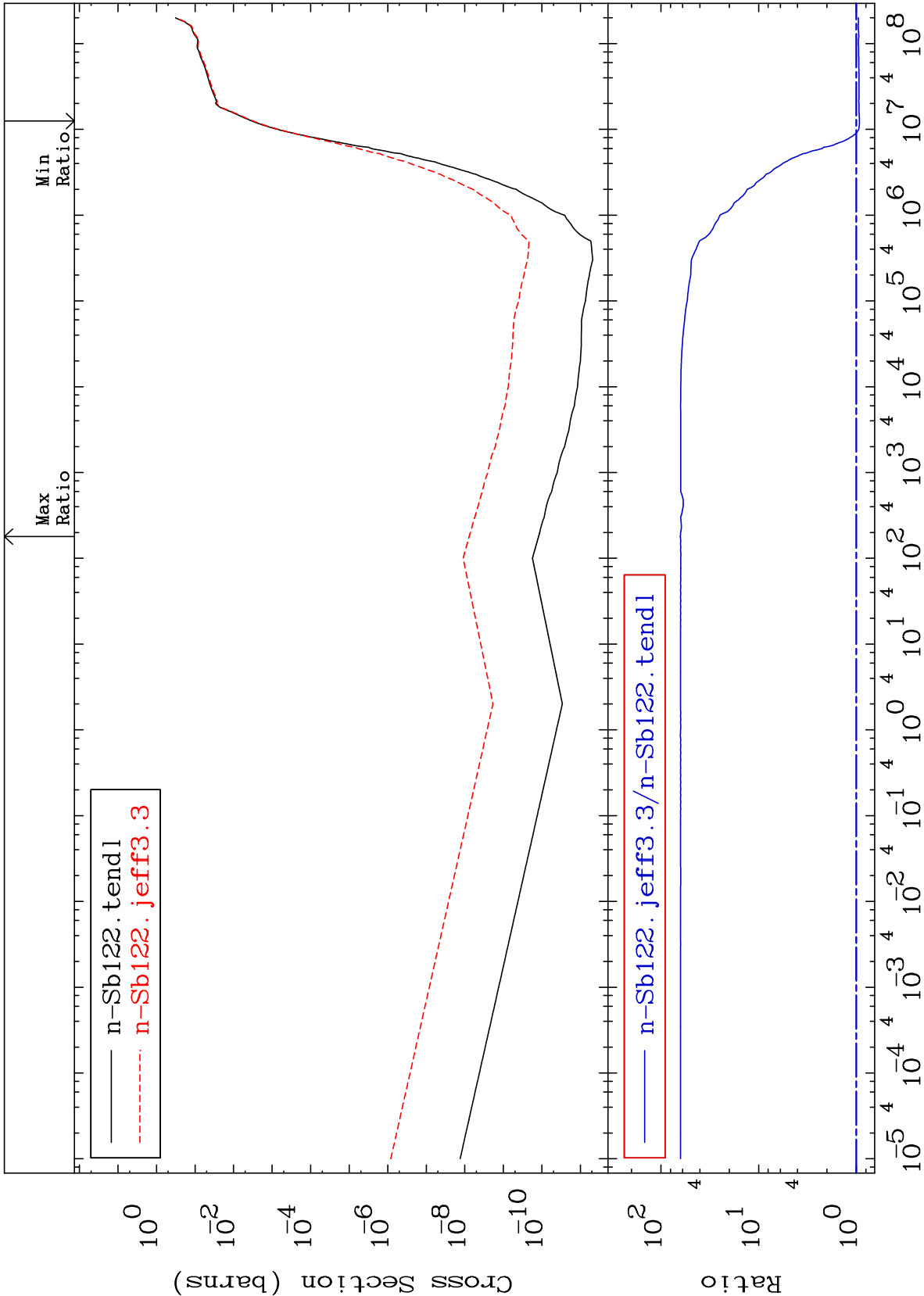


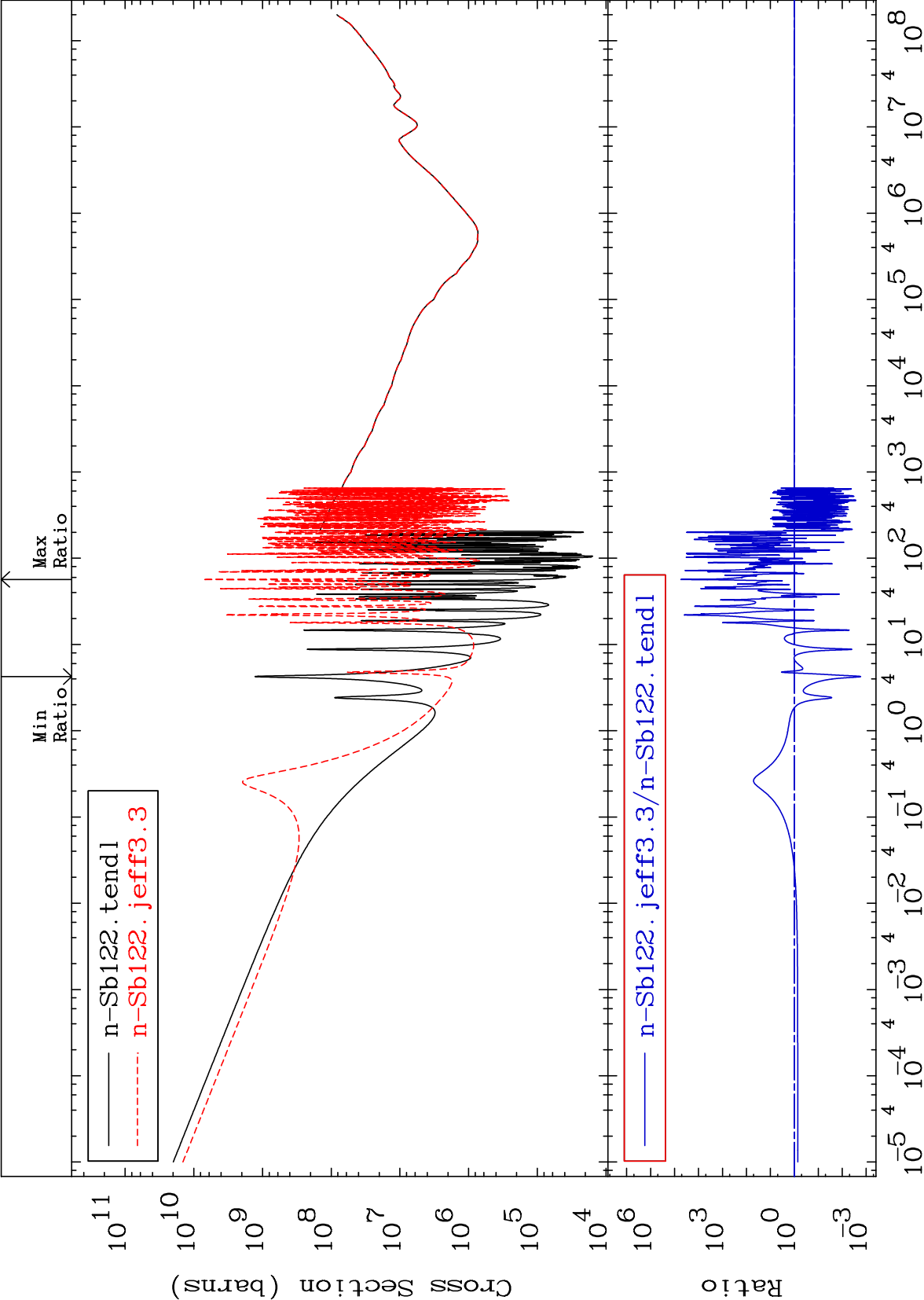


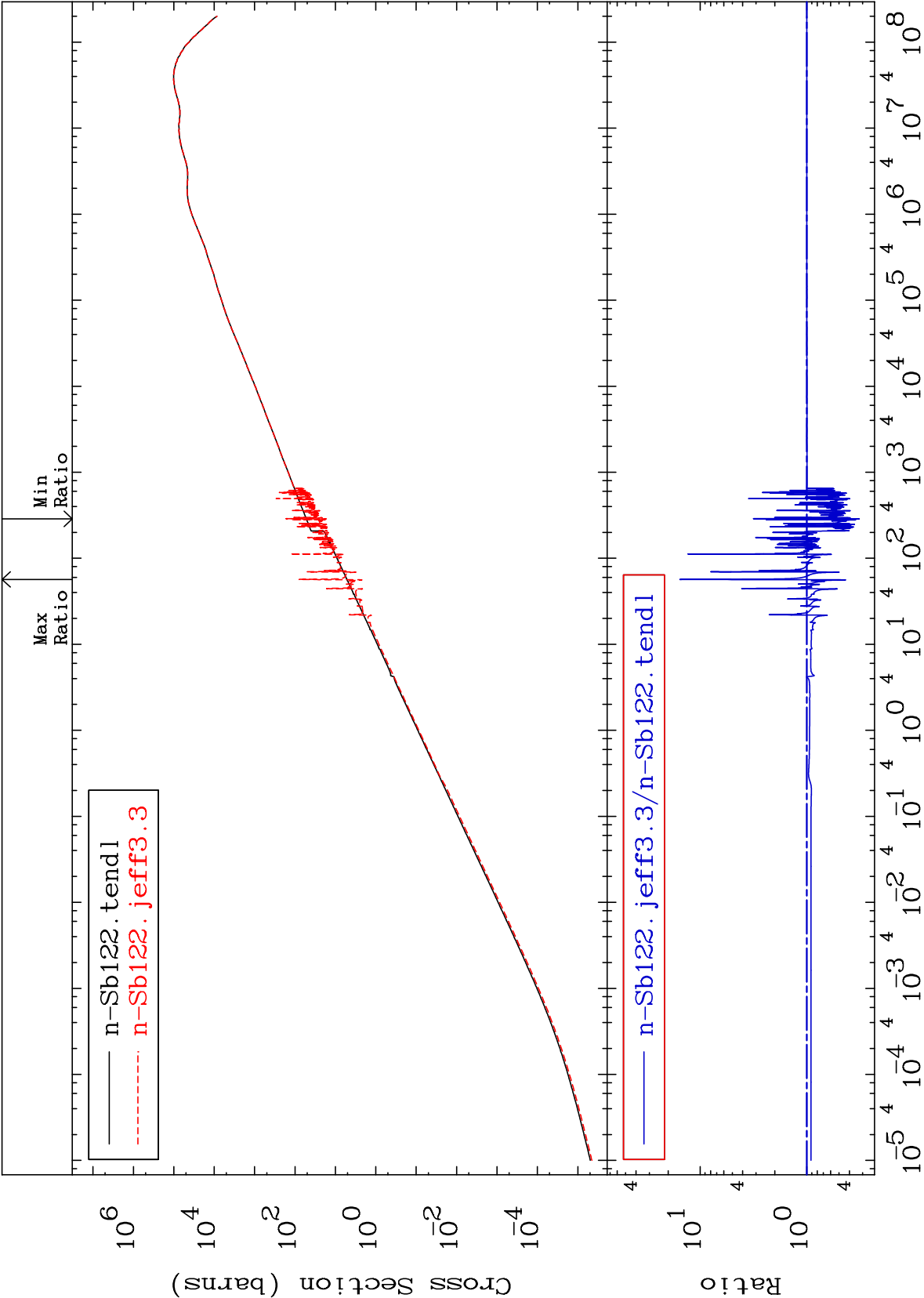


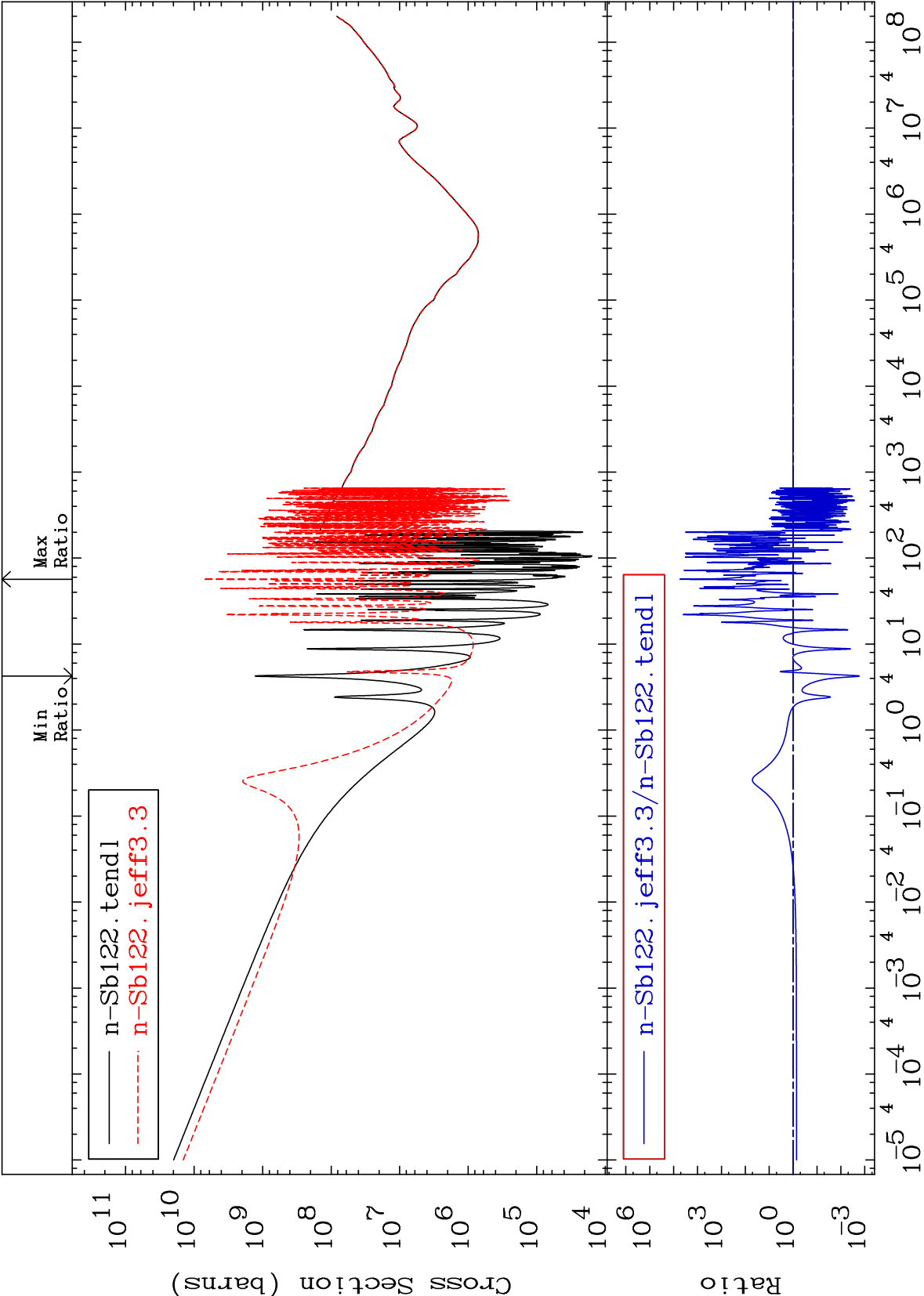












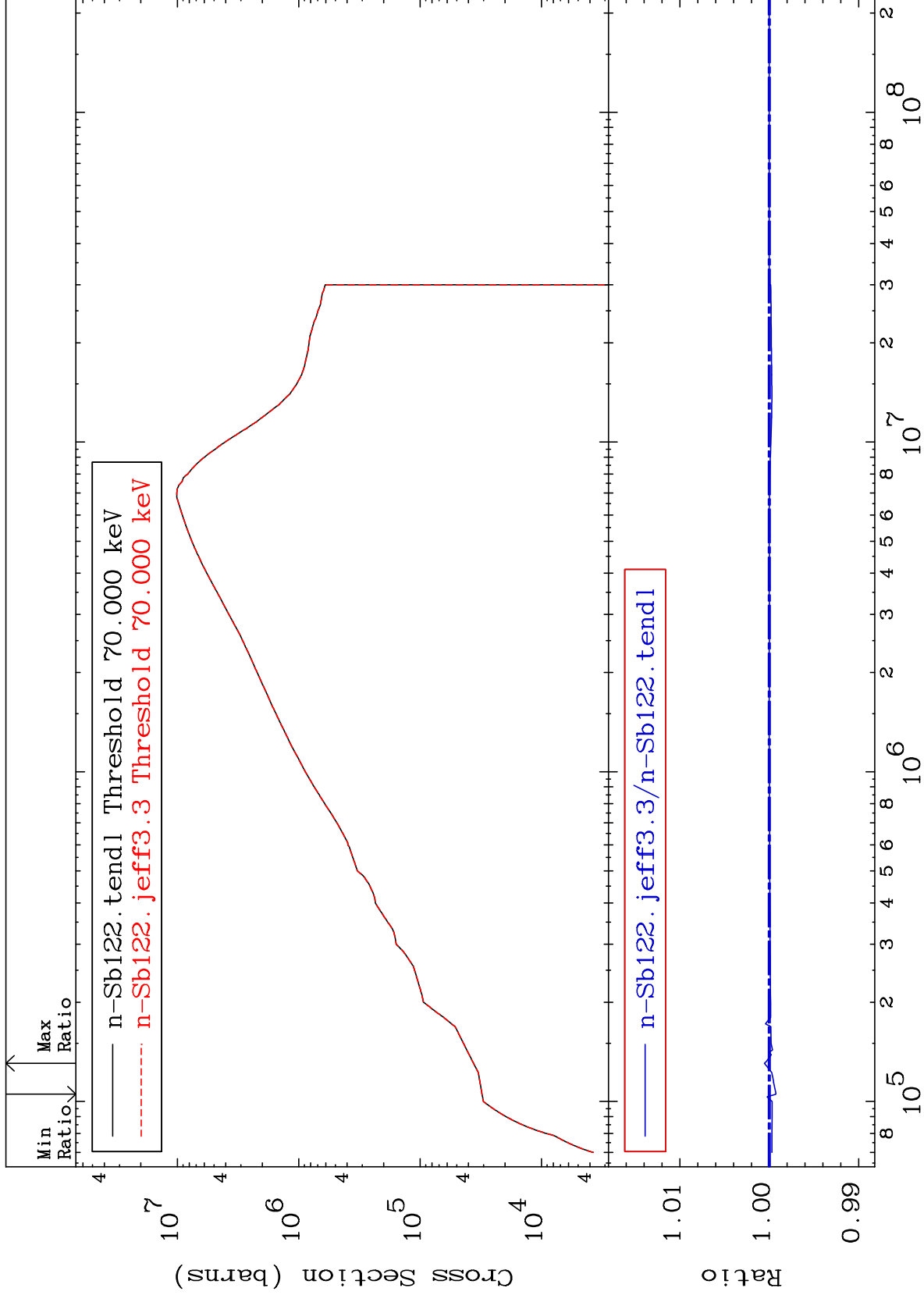
MAT 5128

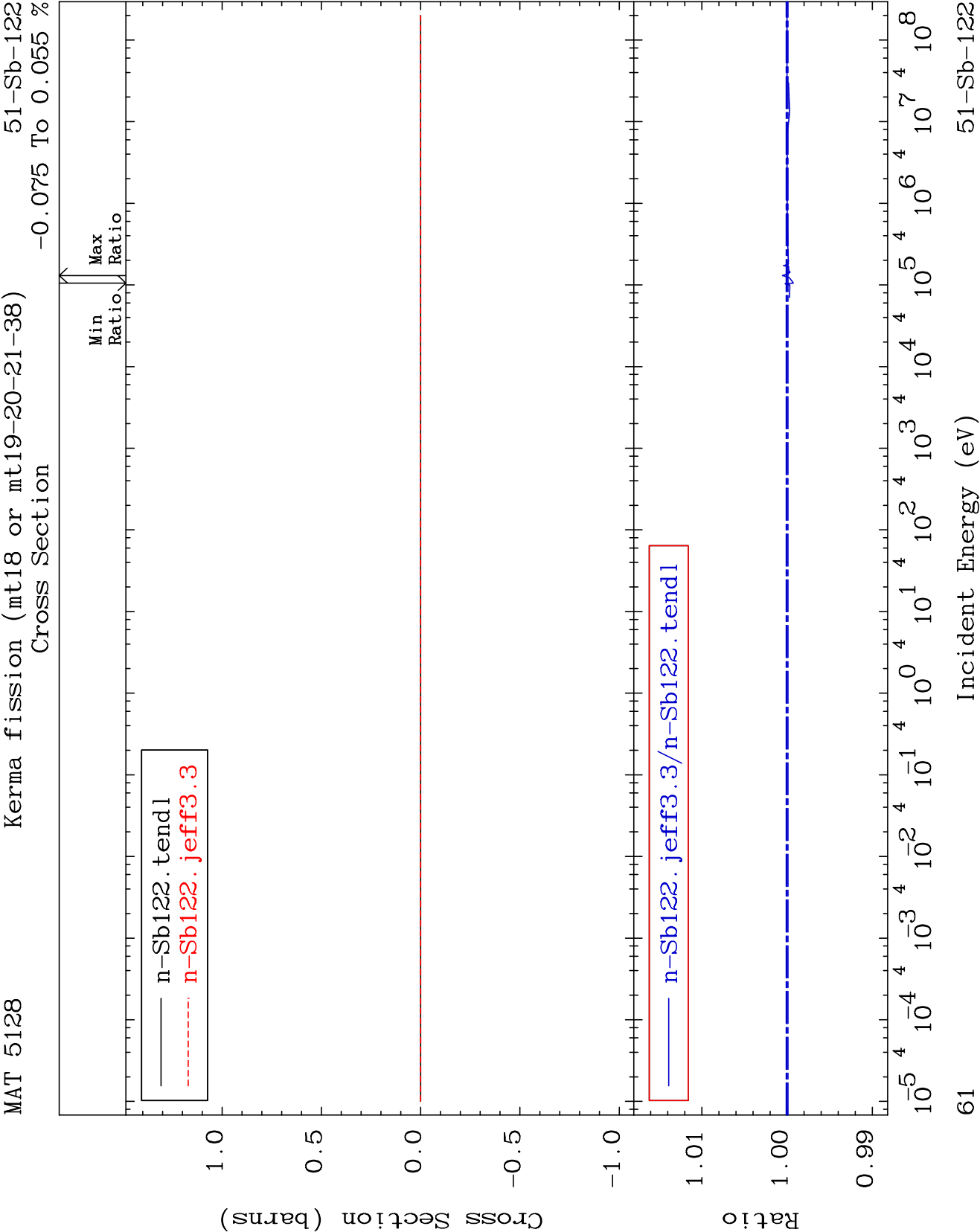
Kerma inelastic (mt51-91)

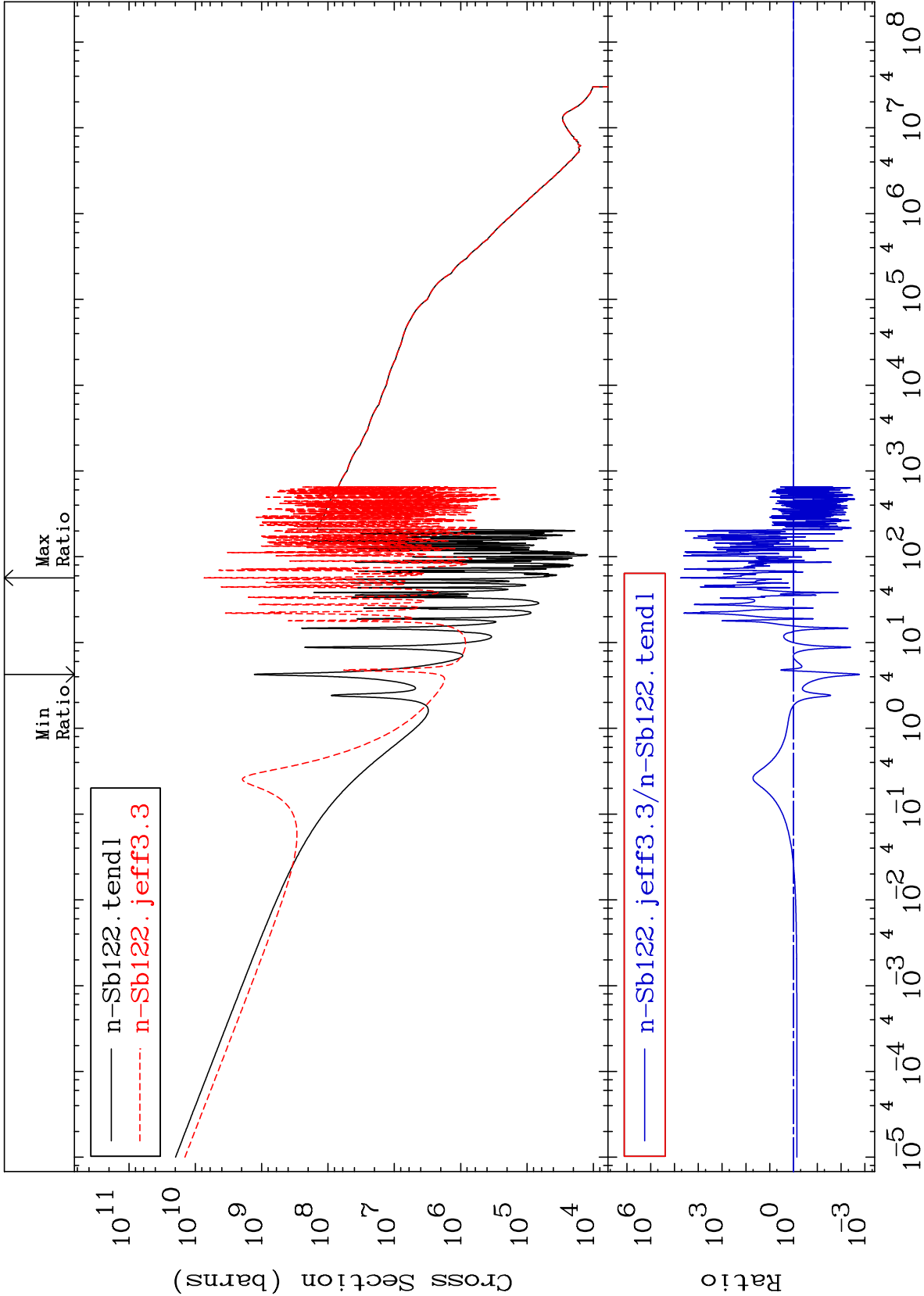
51-Sb-122

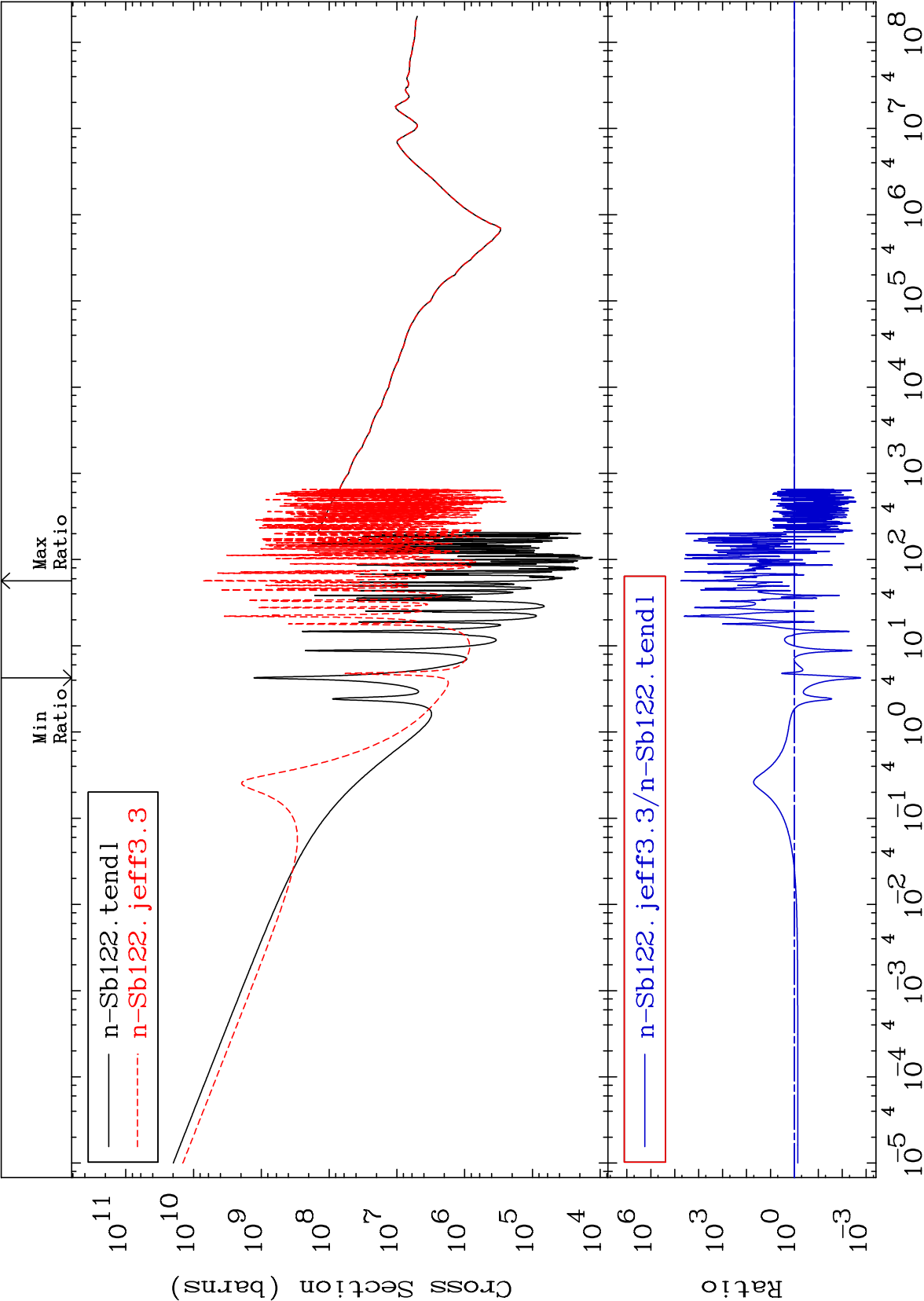
Cross Section

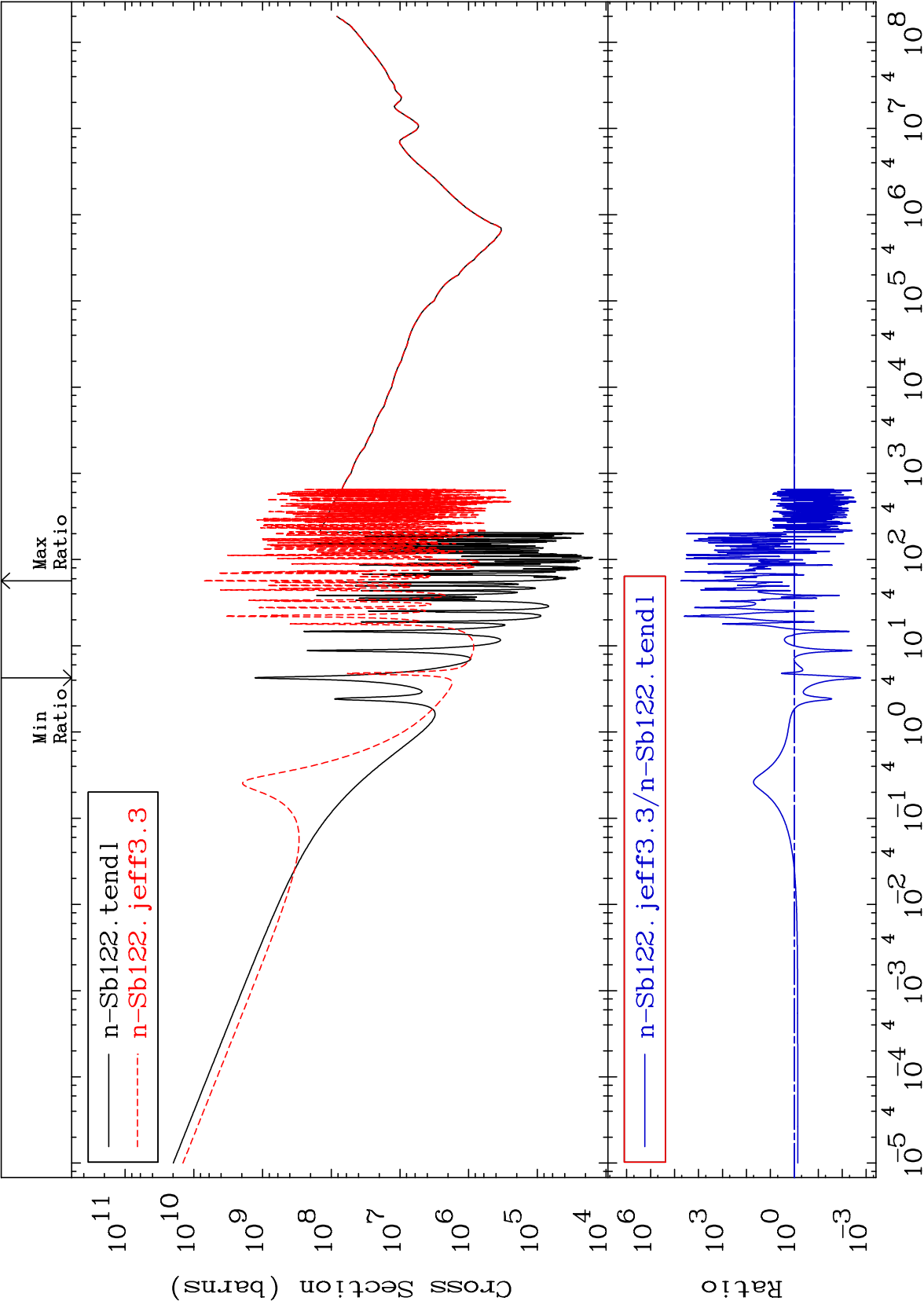
-0.075 To 0.055 %

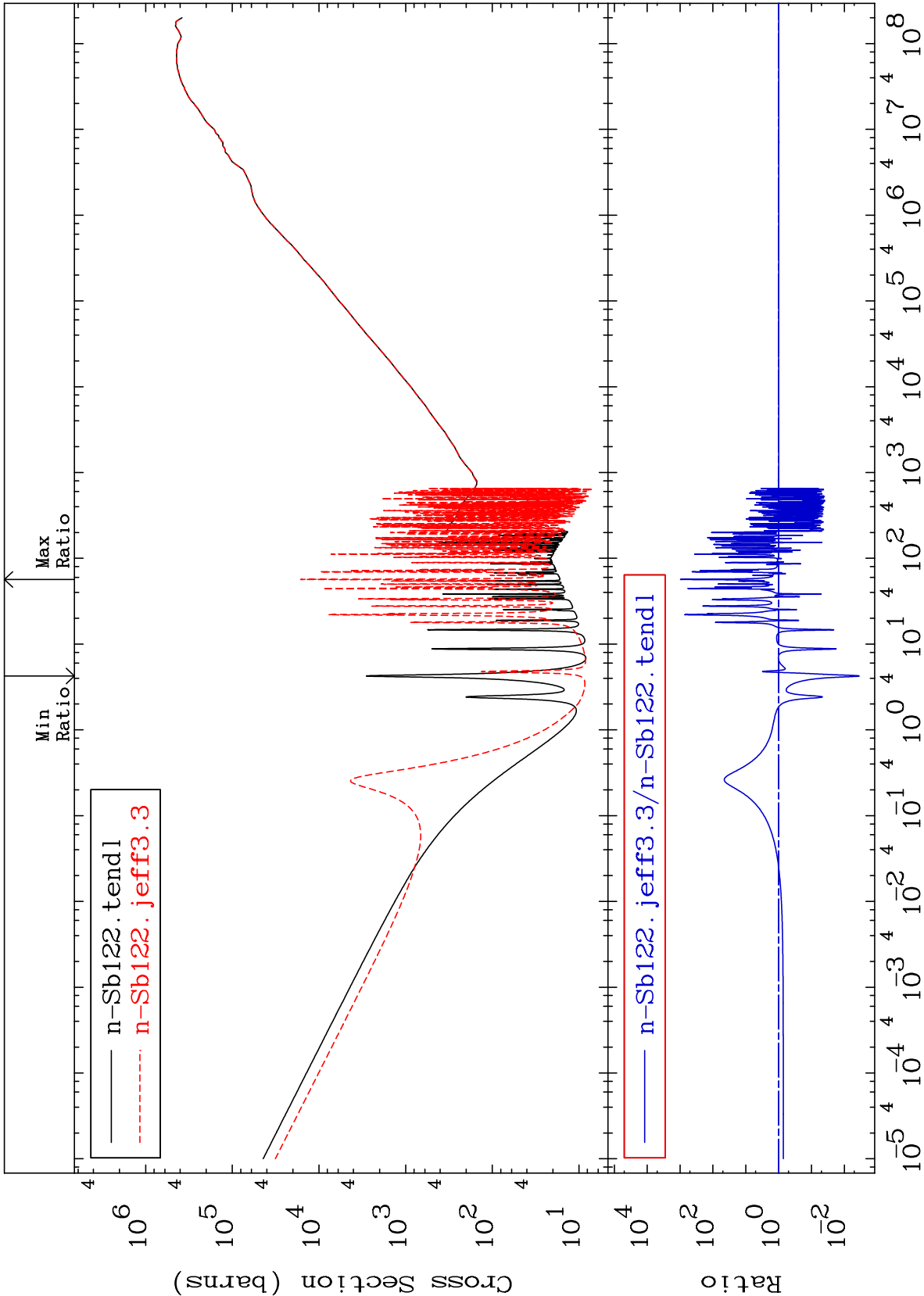


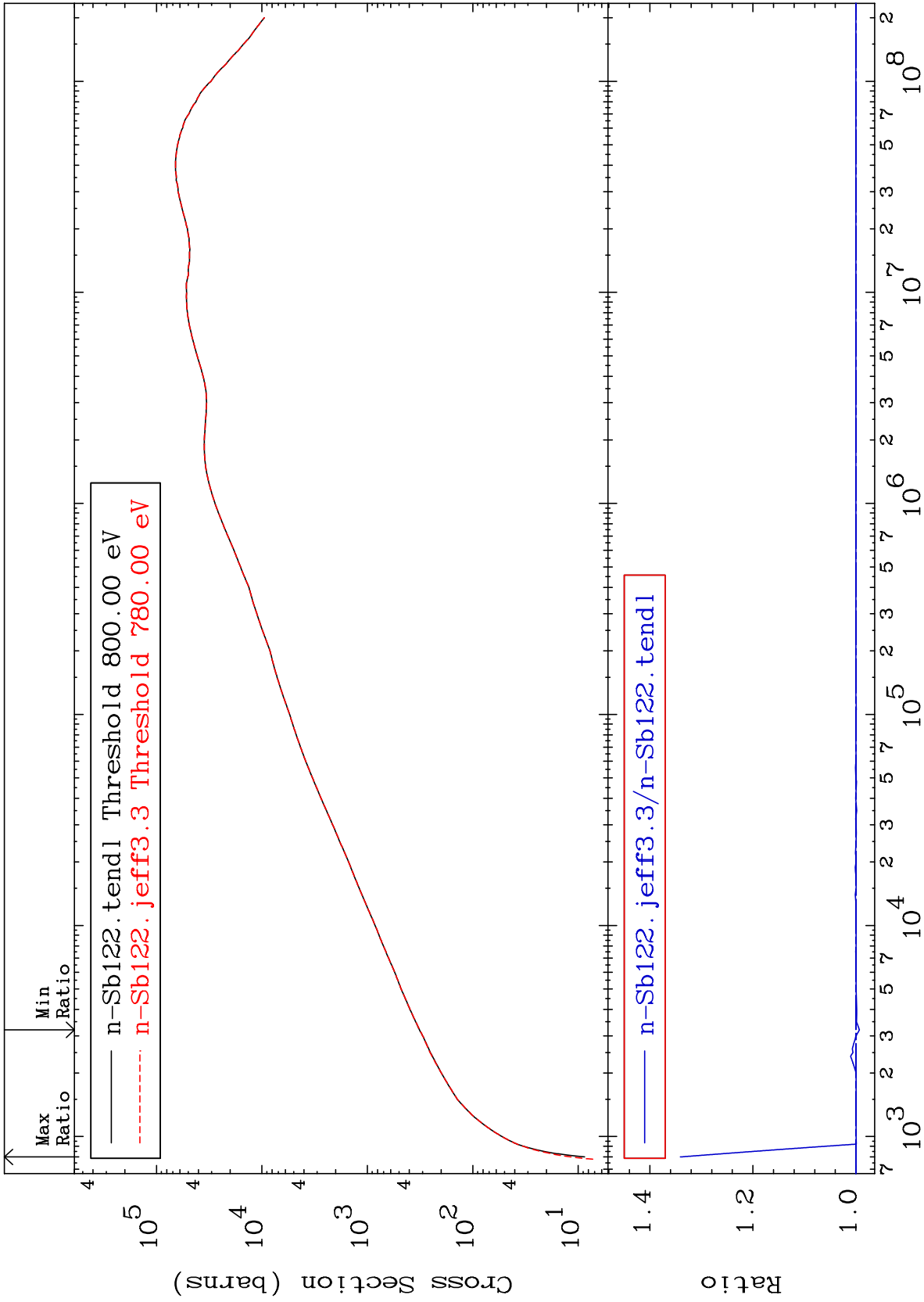


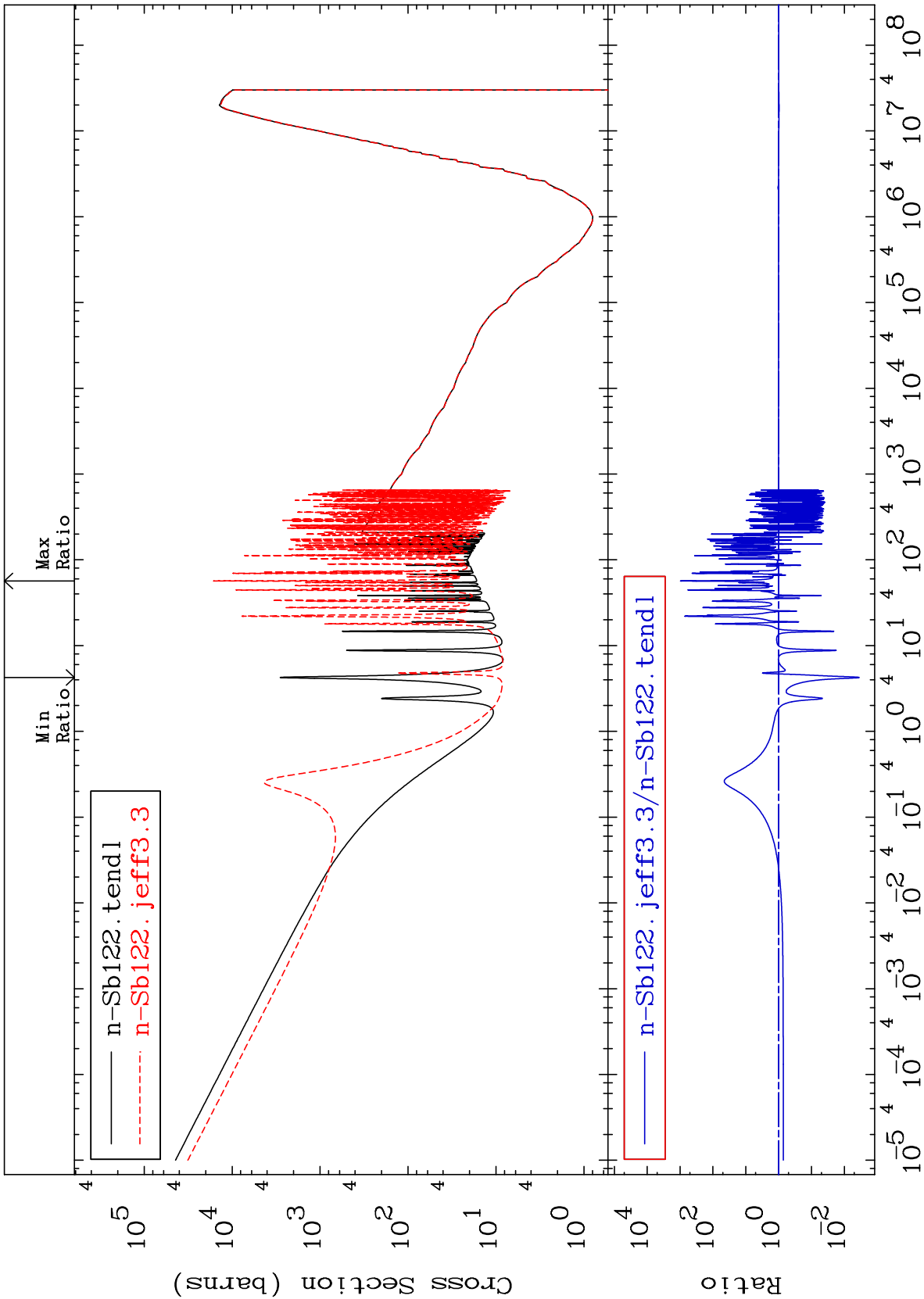


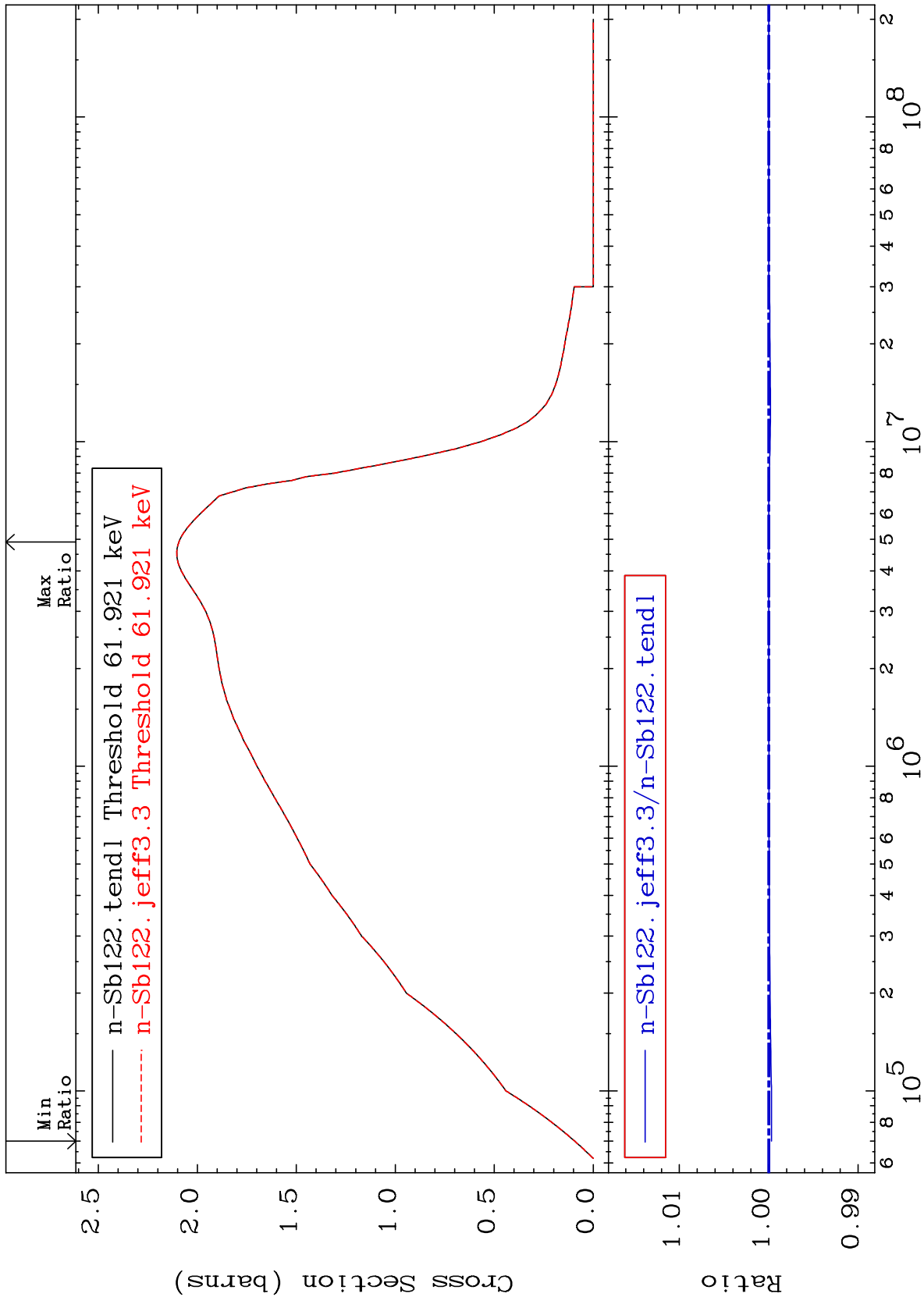












MAT 5128

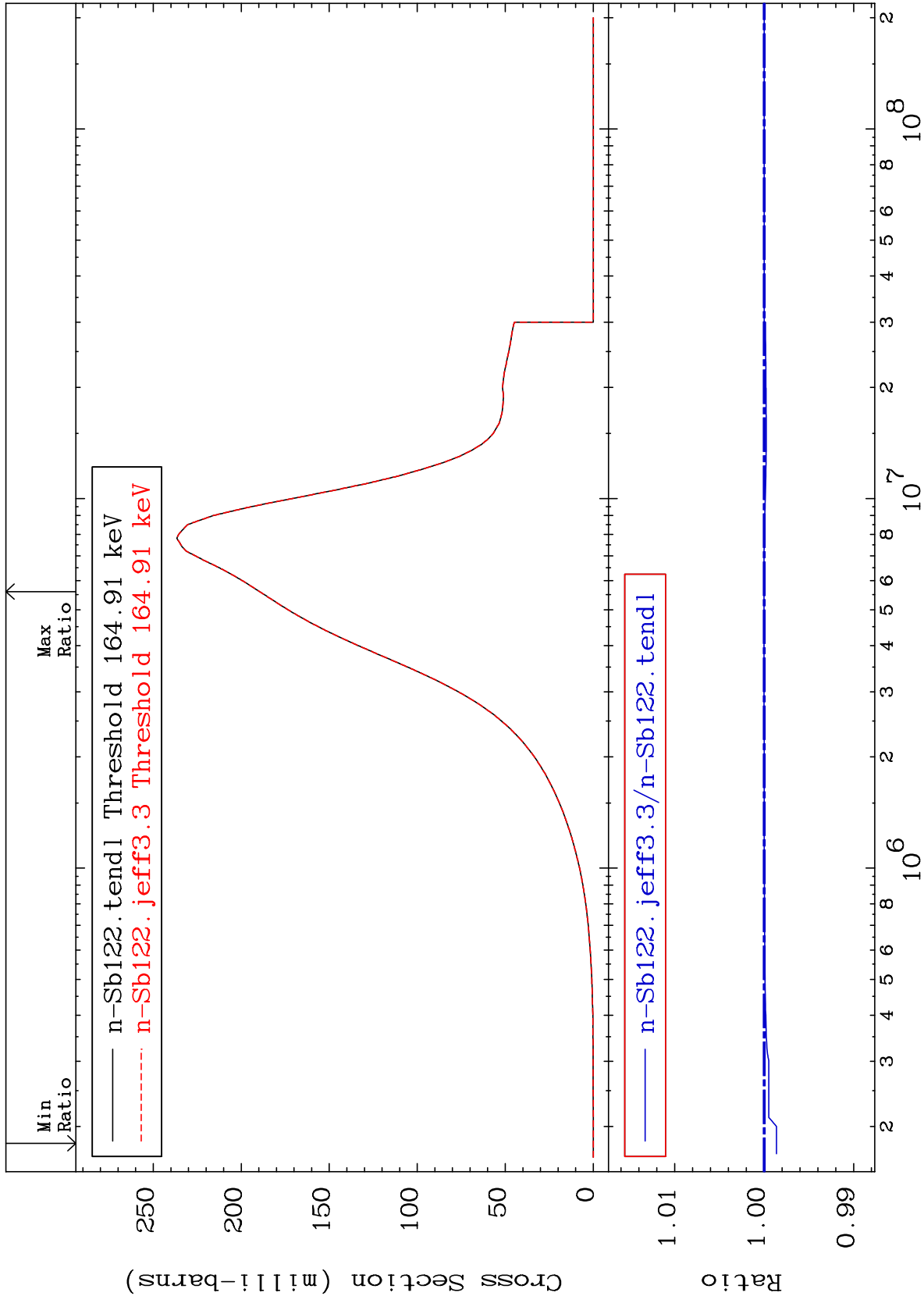
Inelastic:51-Sb-122m5

51-Sb-122

Radionuclide Production Cross Section

-0.137

To 0.003 %



70

Incident Energy (eV)

51-Sb-122

MAT 5128

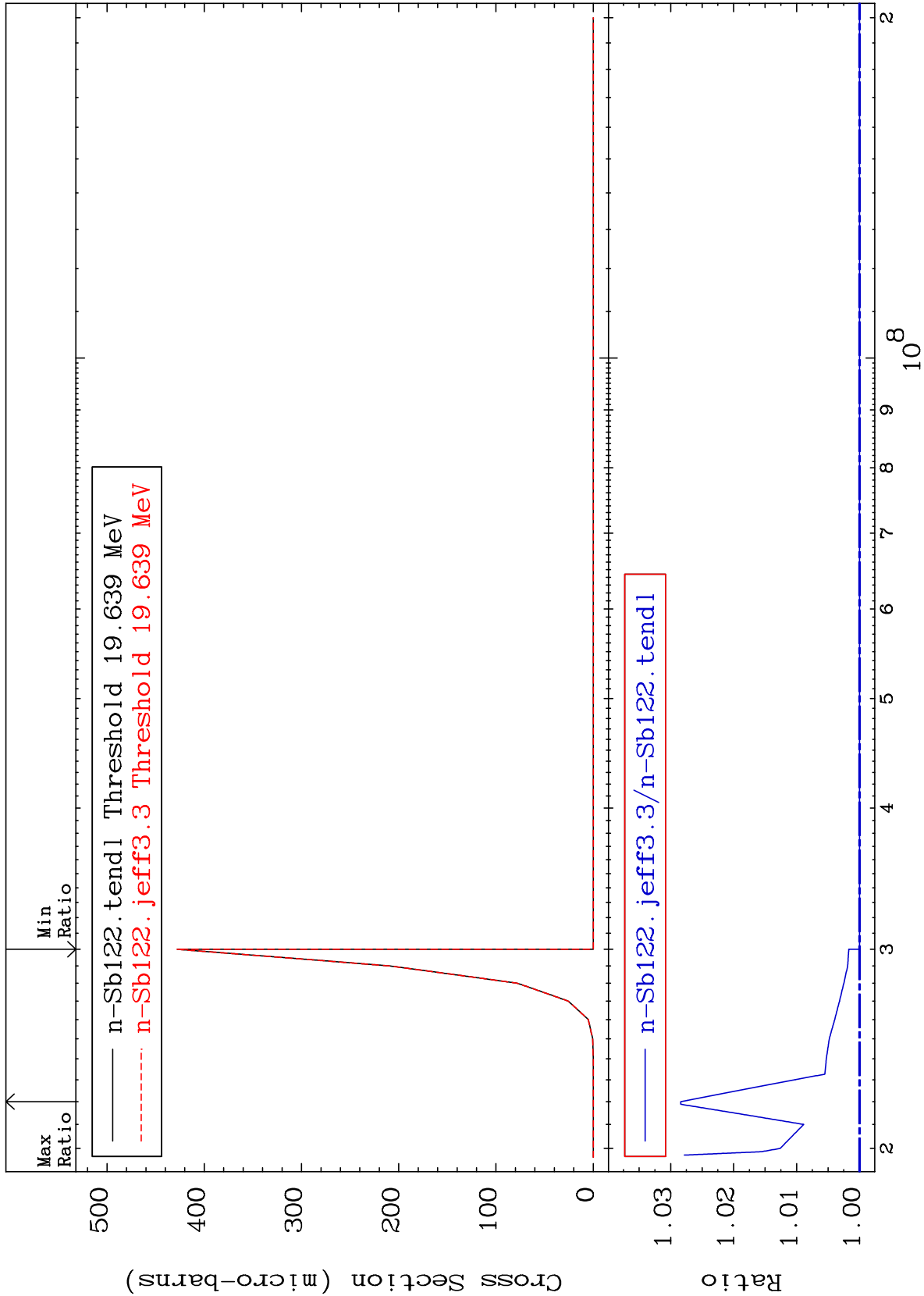
(n,2n) d:50-Sn-119g

51-Sb-122

Radionuclide Production Cross Section

0.000

To 2.839 %



MAT 5128

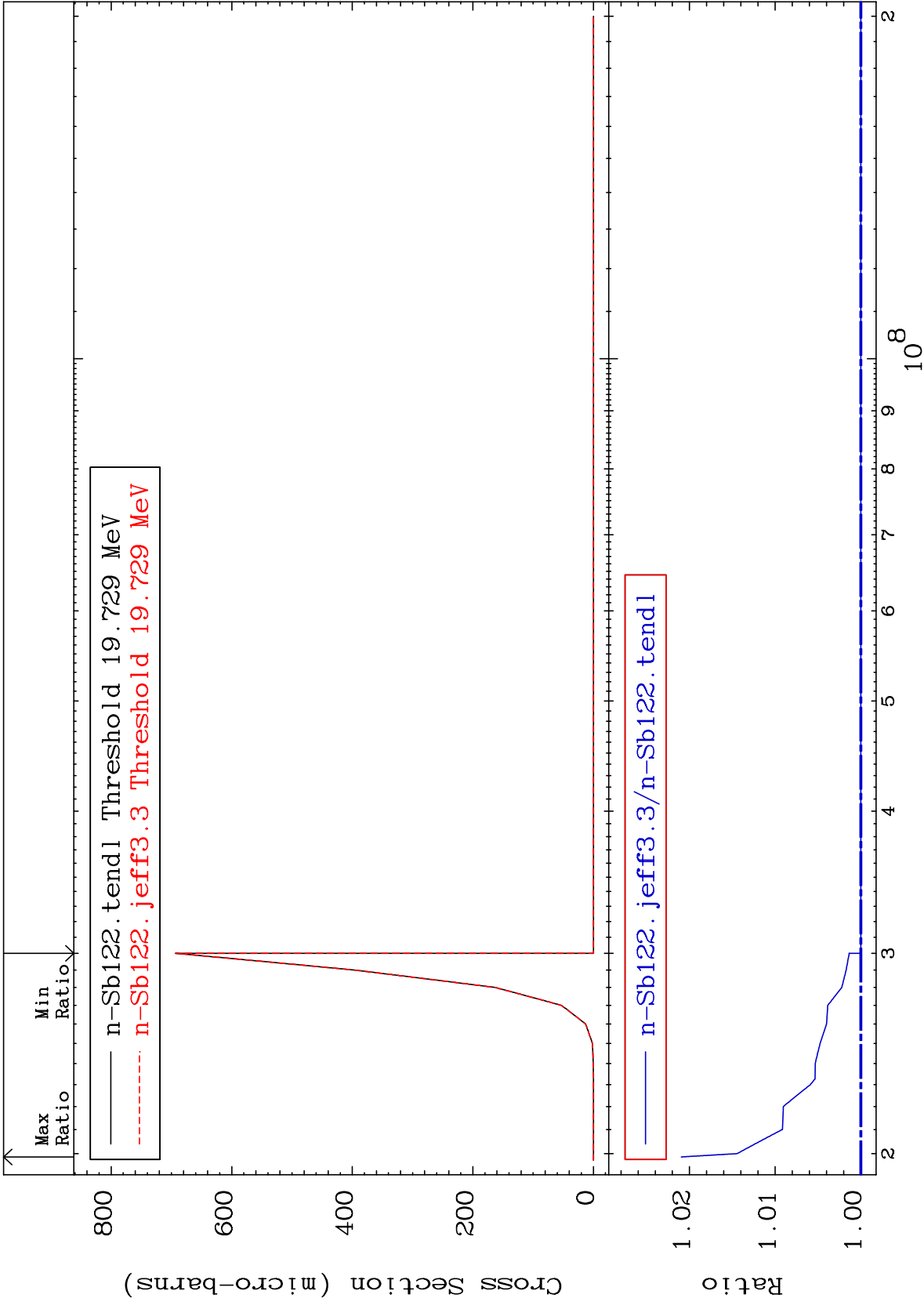
(n,2n) d:50-Sn-119m2

51-Sb-122

Radionuclide Production Cross Section

0.000

To 2.096 %



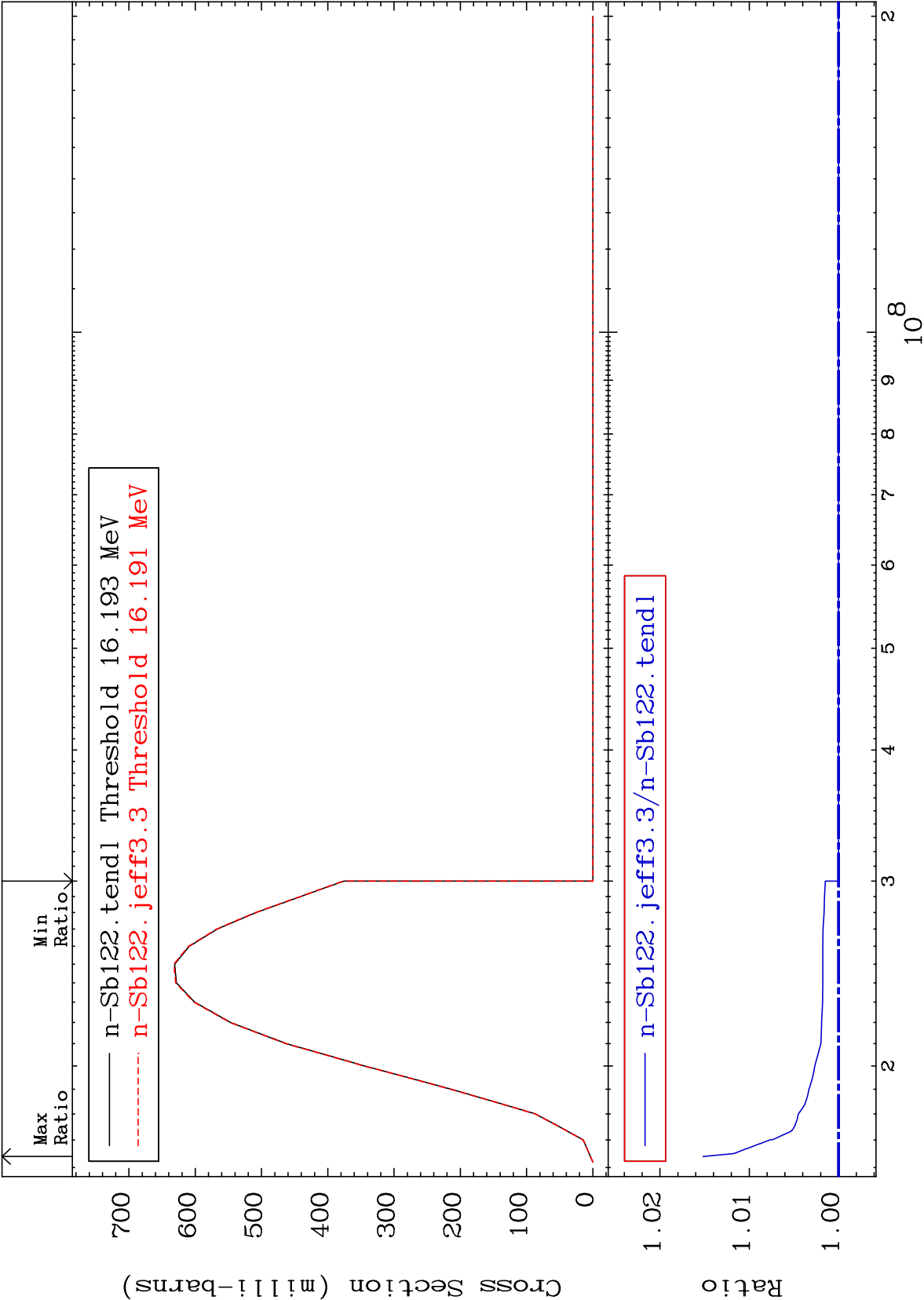
72

Incident Energy (eV)

51-Sb-122

MAT 5128

(n,3n):51-Sb-120g 51-Sb-122
Radionuclide Production Cross Section 0.000 To 1.517 %



73

Incident Energy (eV)

51-Sb-122

MAT 5128

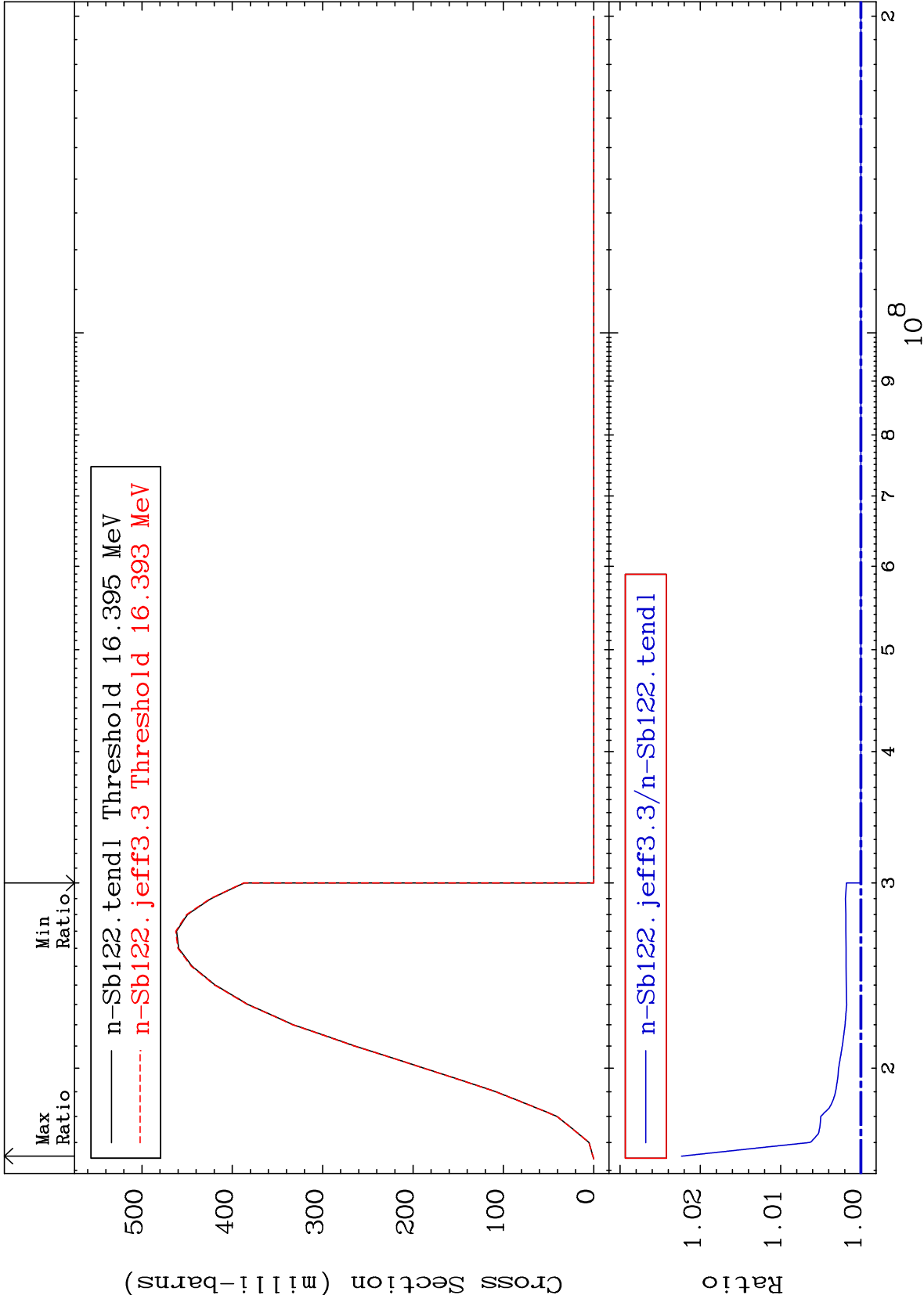
(n,3n):51-Sb-120m6

51-Sb-122

Radionuclide Production Cross Section

0.000

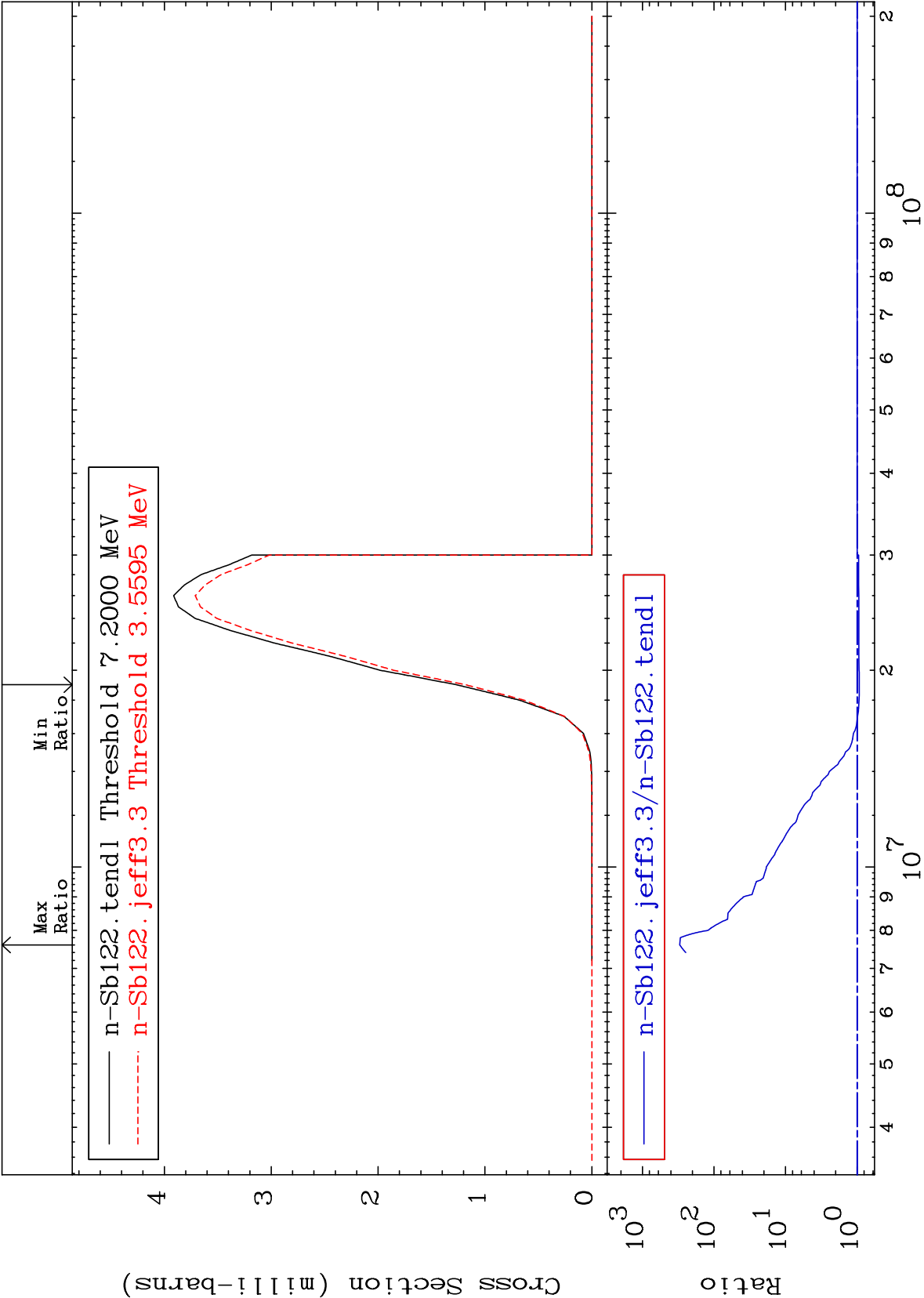
To 2.234 %

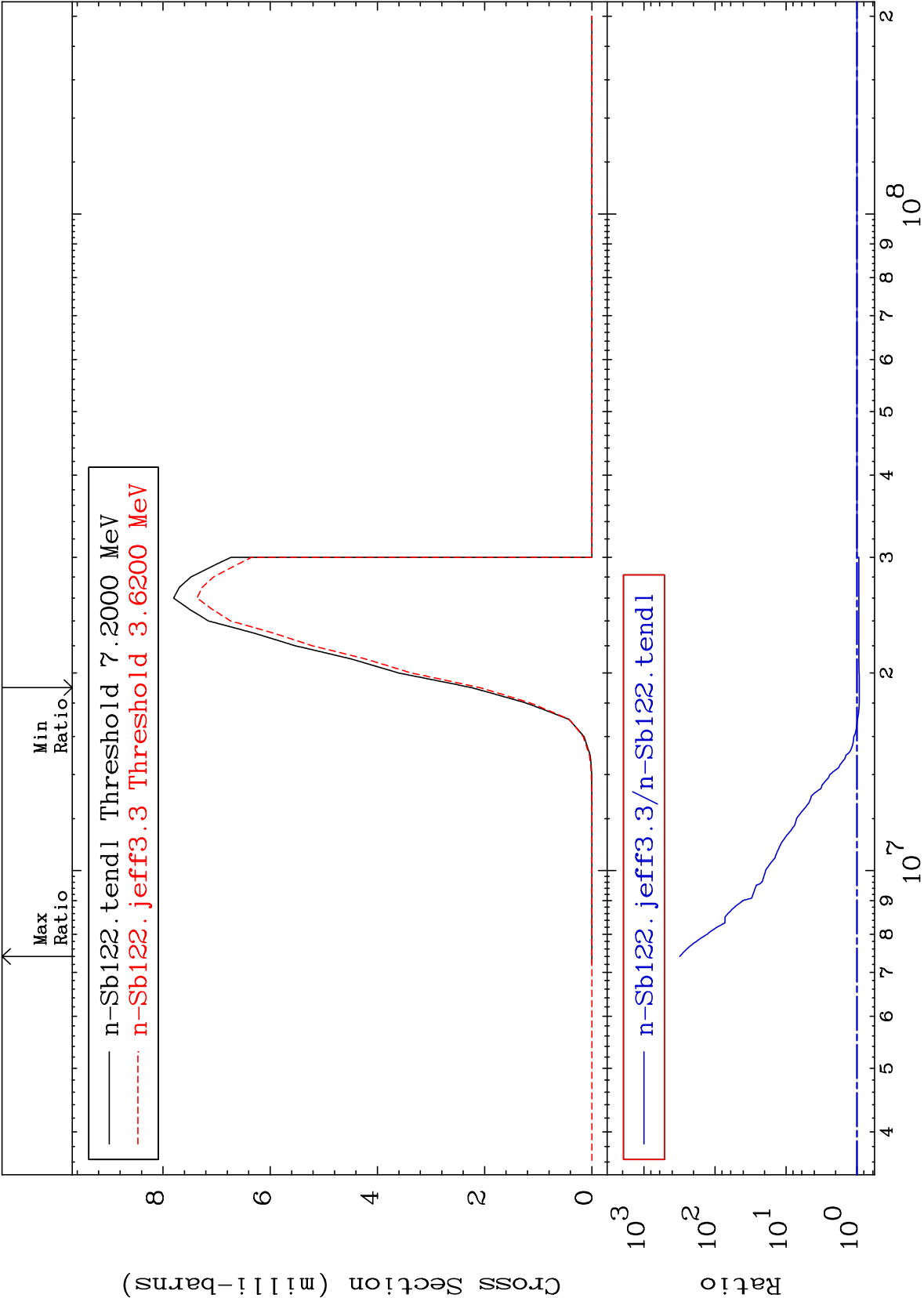


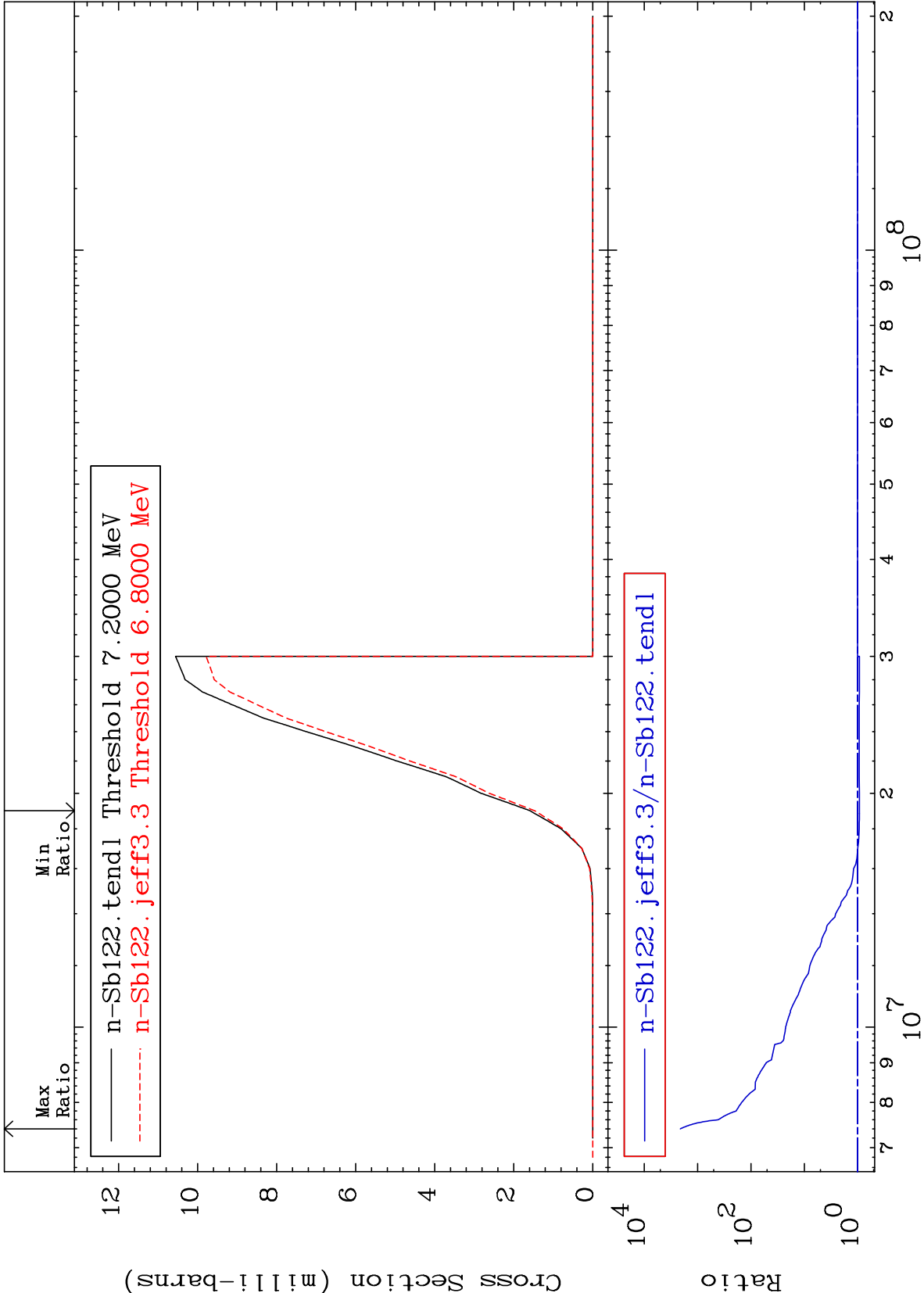
74

Incident Energy (eV)

51-Sb-122

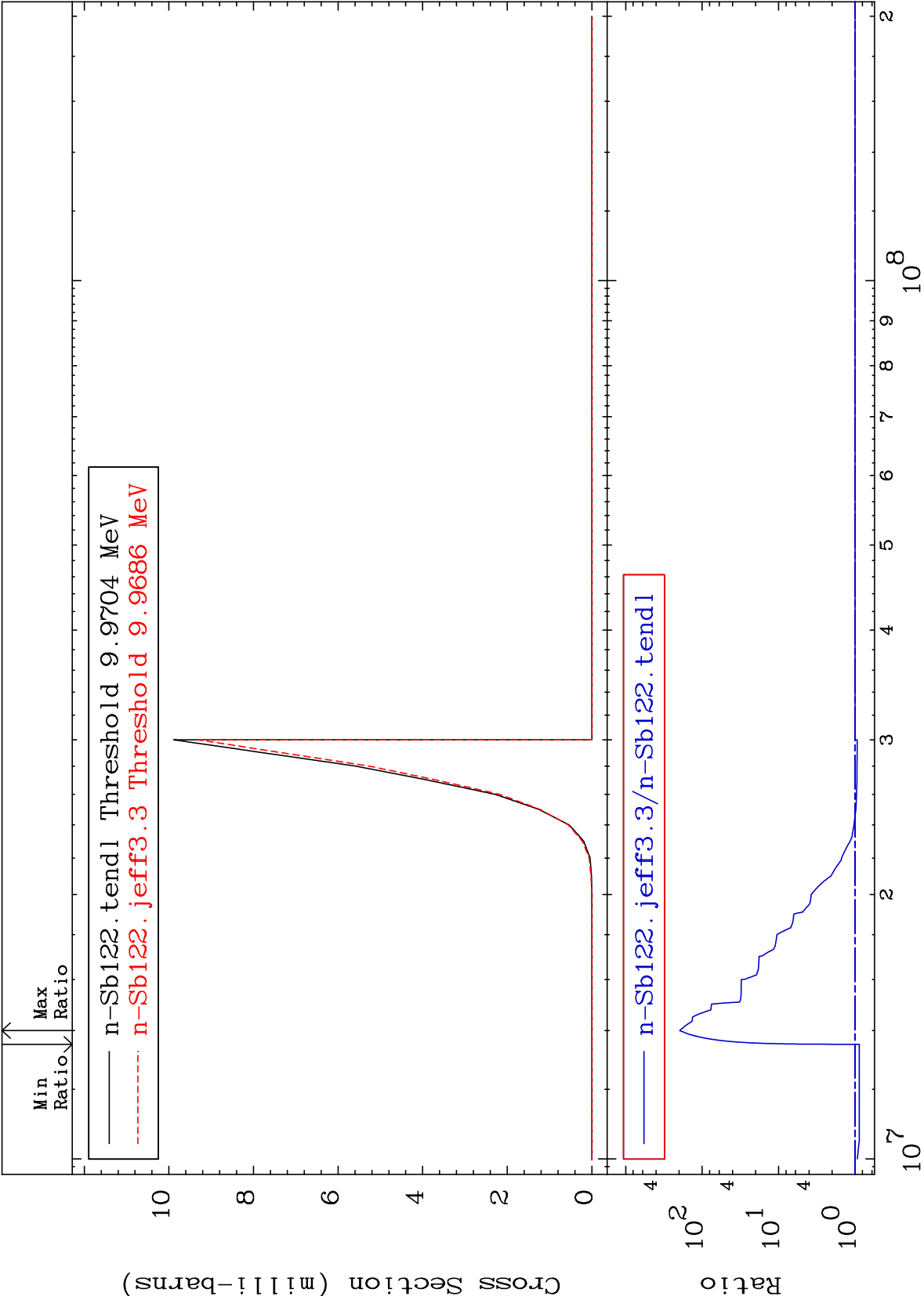






MAT 5128

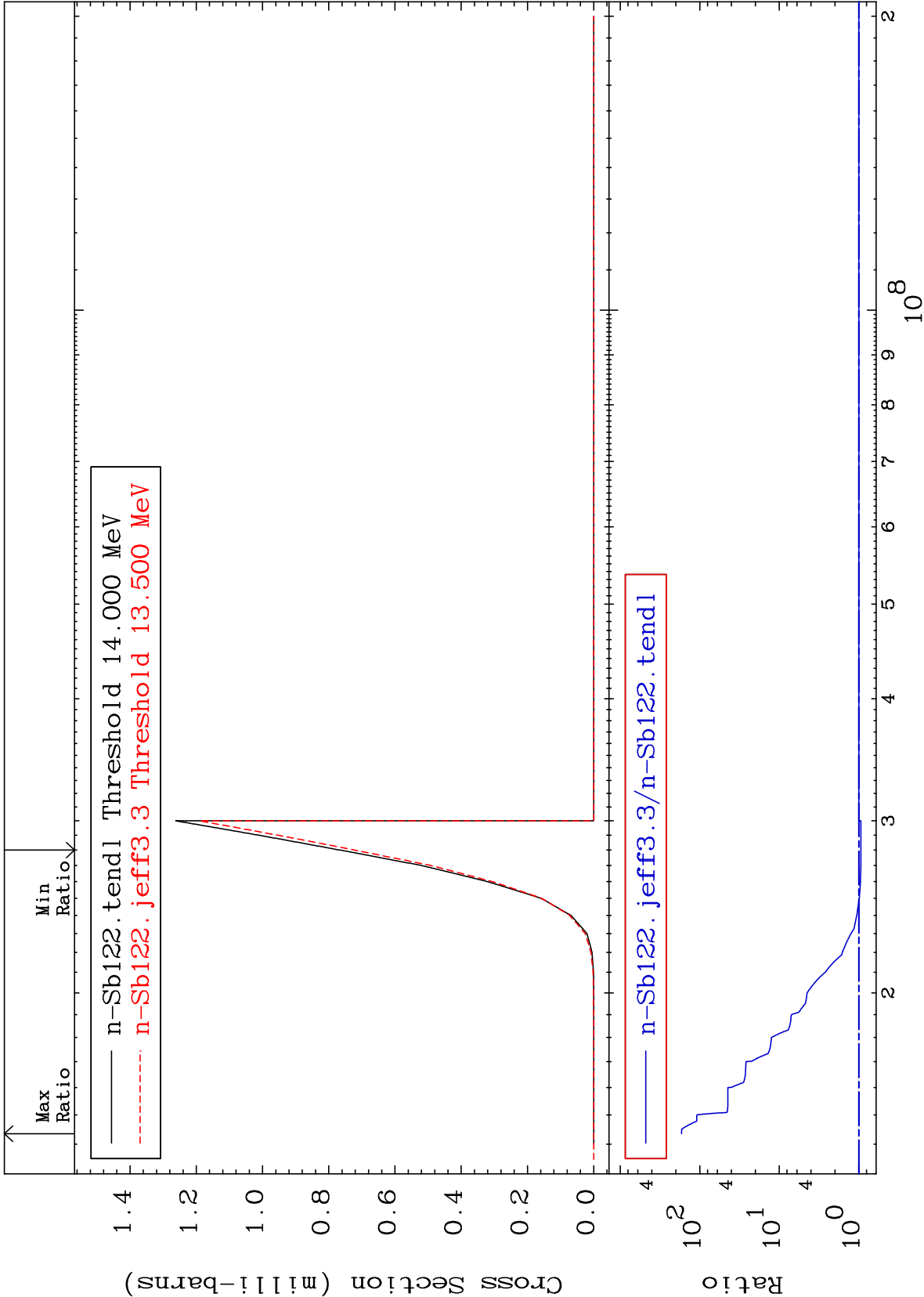
(n,2n) α :49-In-117g 51-Sb-122
Radionuclide Production Cross Section -11.82 To 9999. %

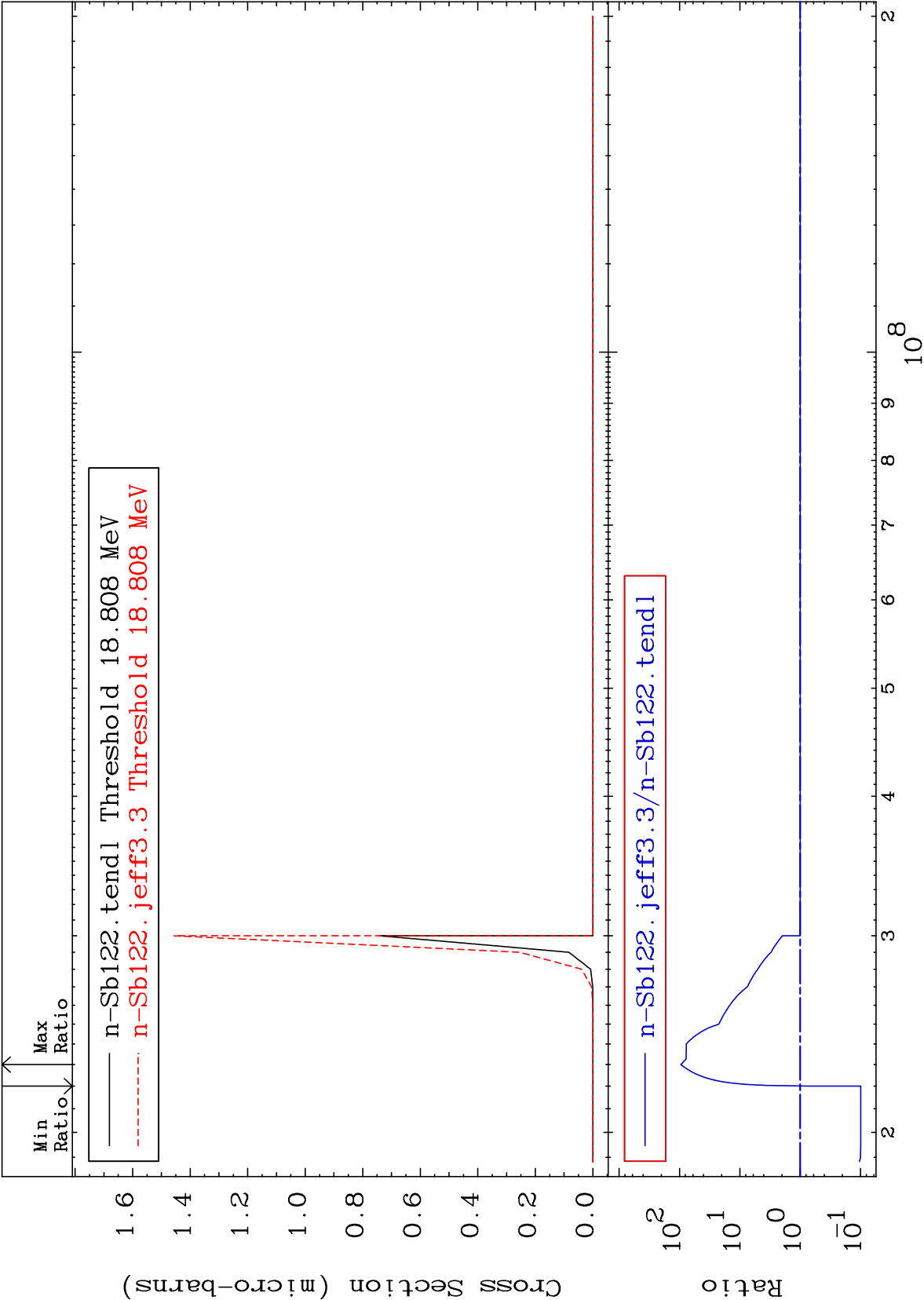


Incident Energy (eV)

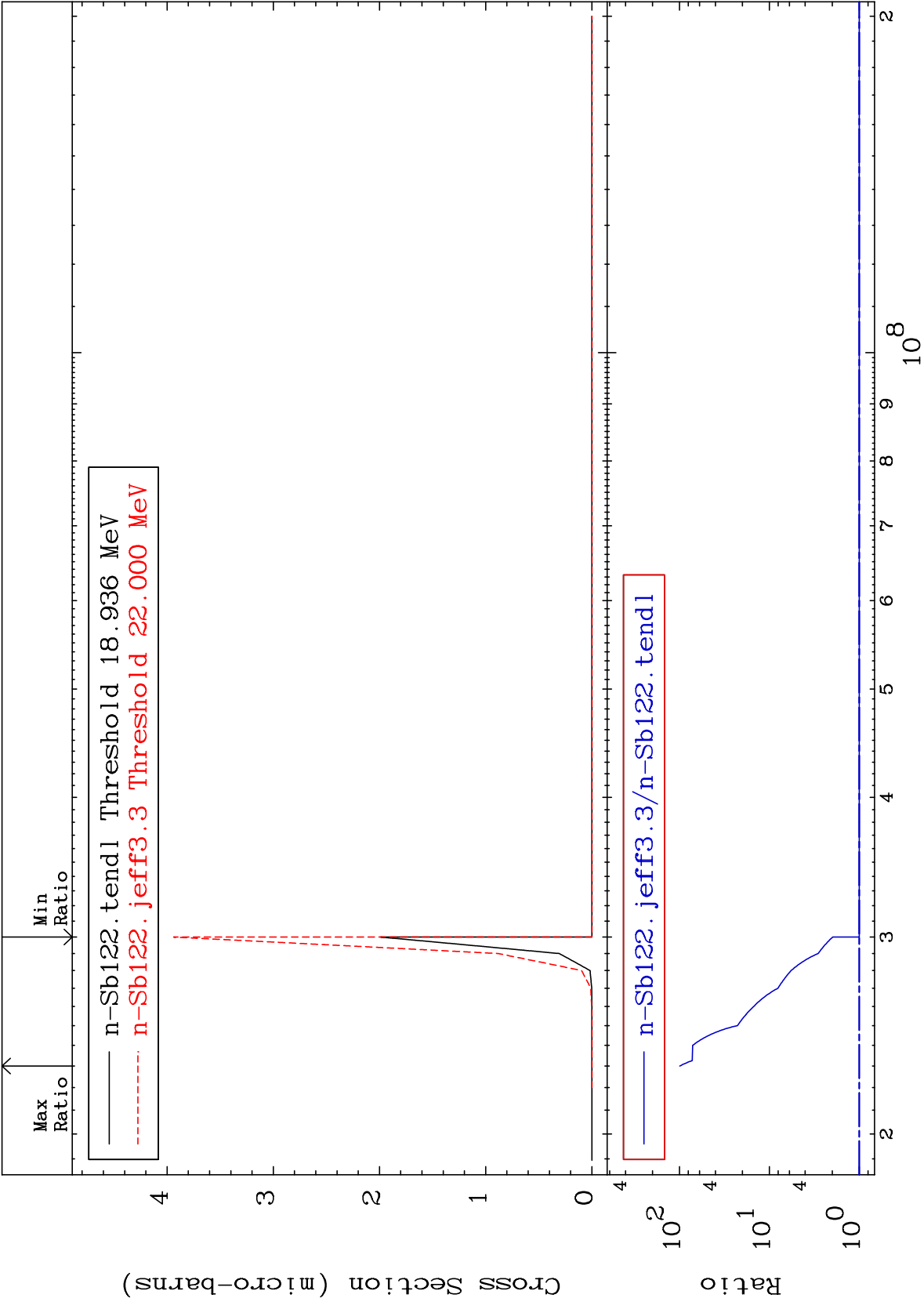
51-Sb-122

Radionuclide Production Cross Section -5.718 To 9999. %





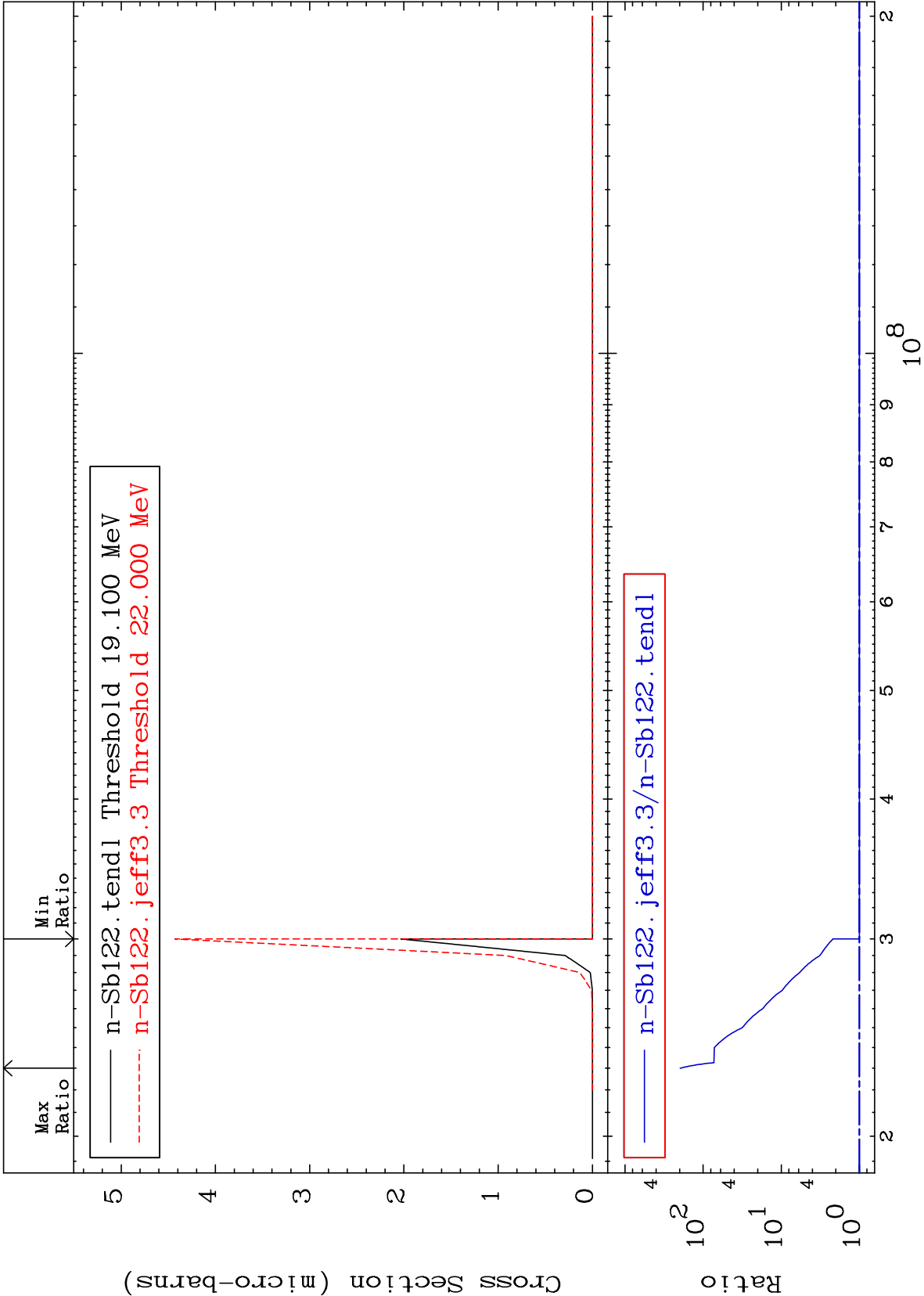
Radionuclide Production Cross Section 0.000 To 9861. %

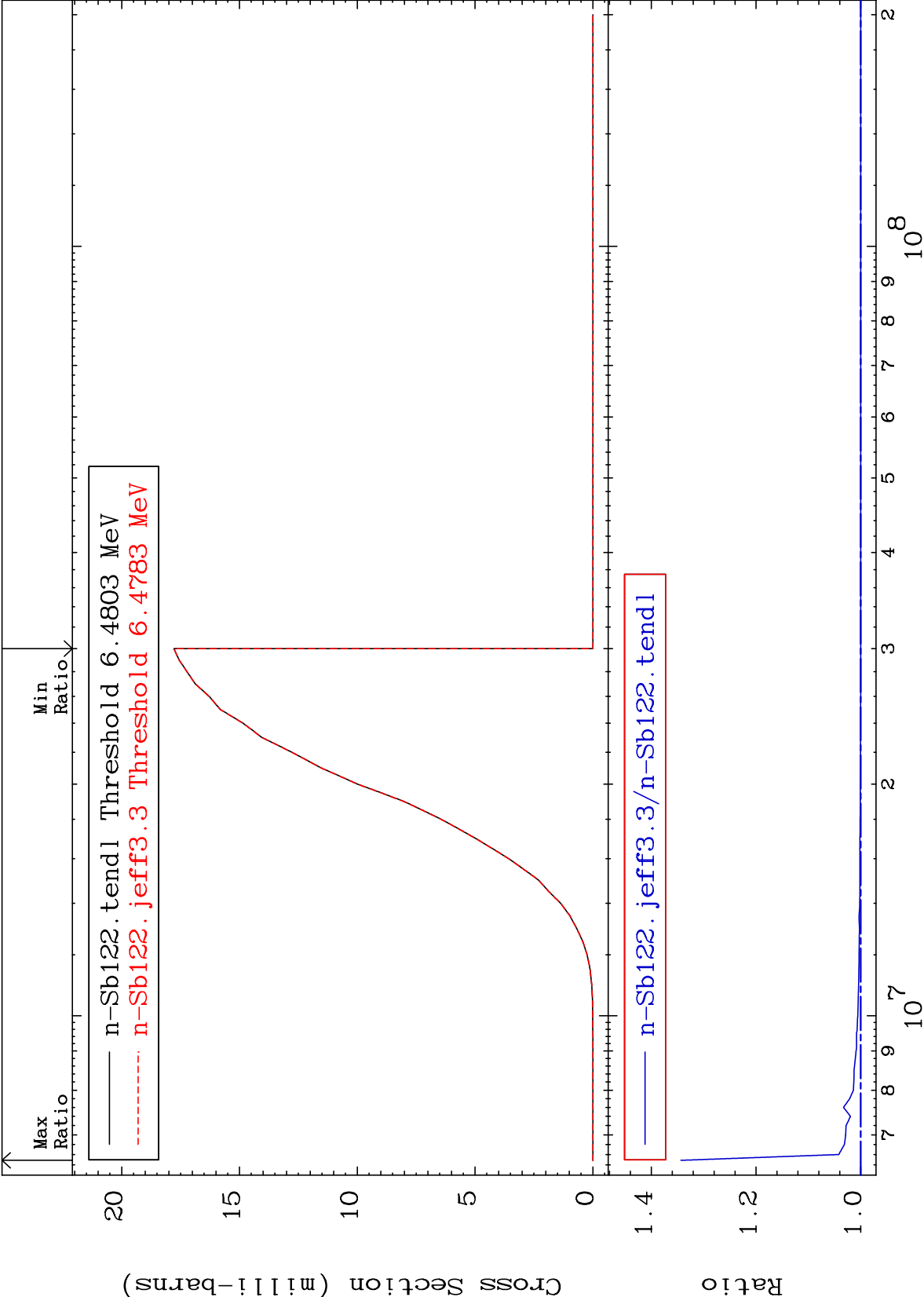


Radionuclide Production Cross Section

0.000

To 9999. %





MAT 5128

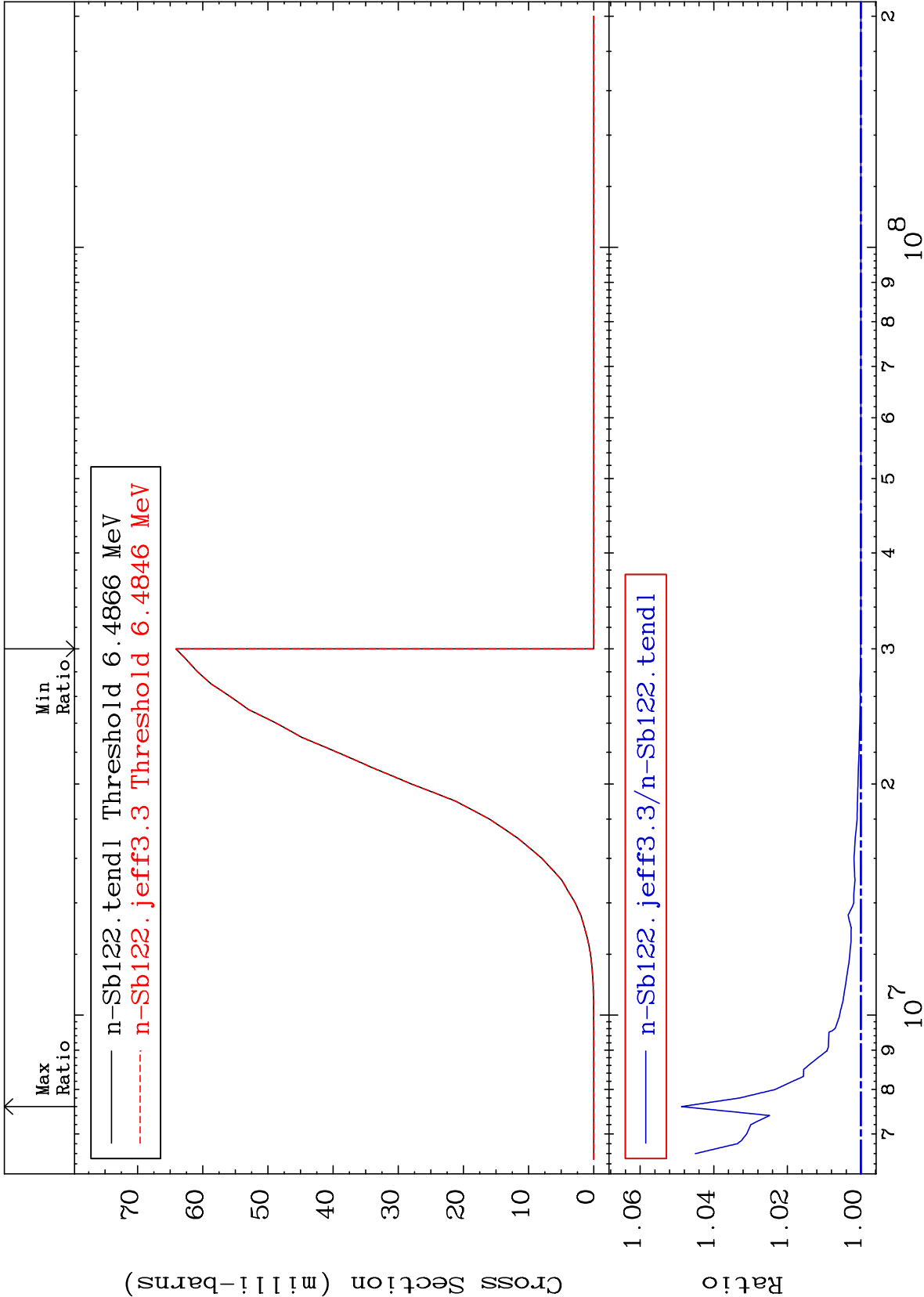
(n,n') p:50-Sn-121m1

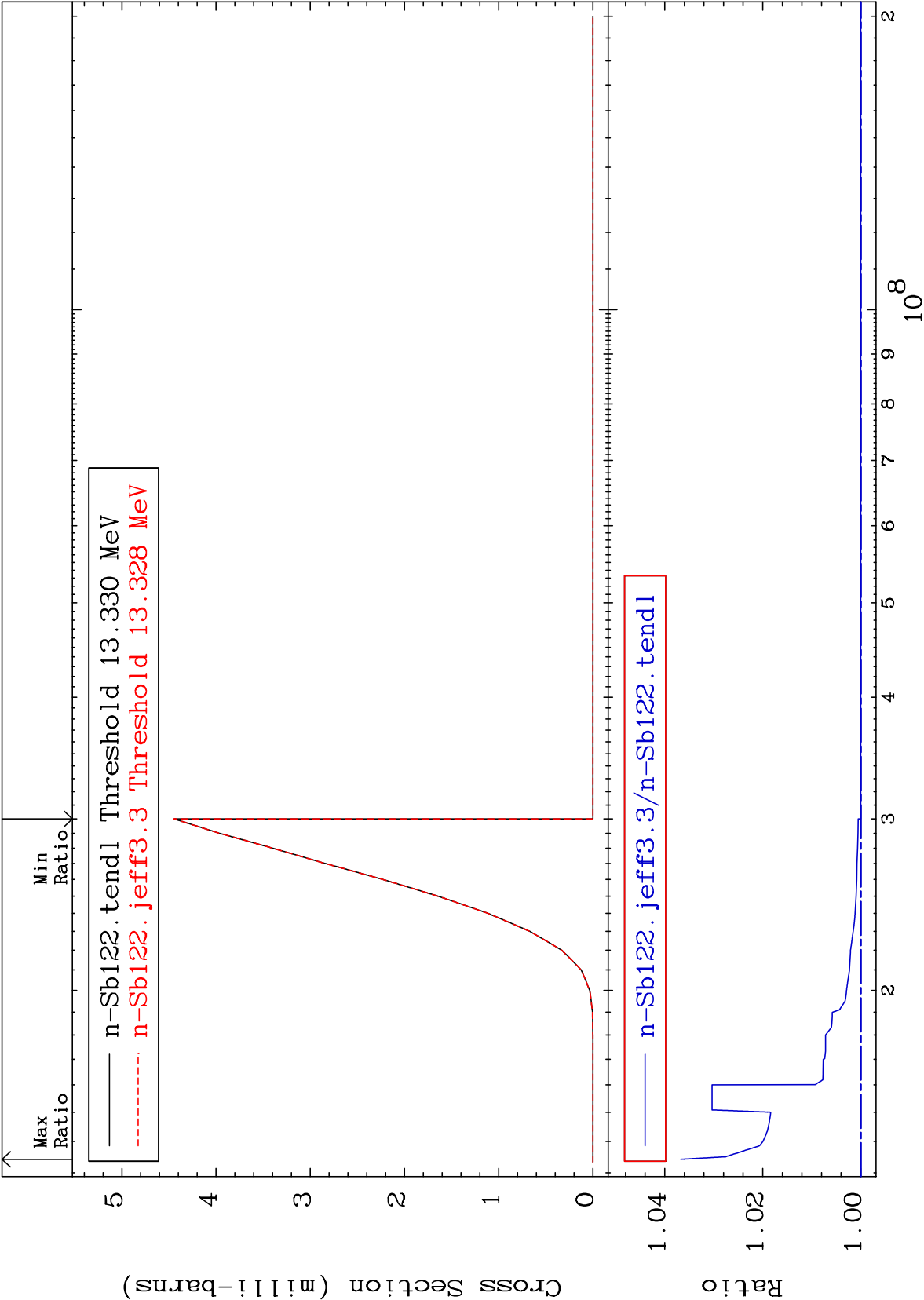
51-Sb-122

Radionuclide Production Cross Section

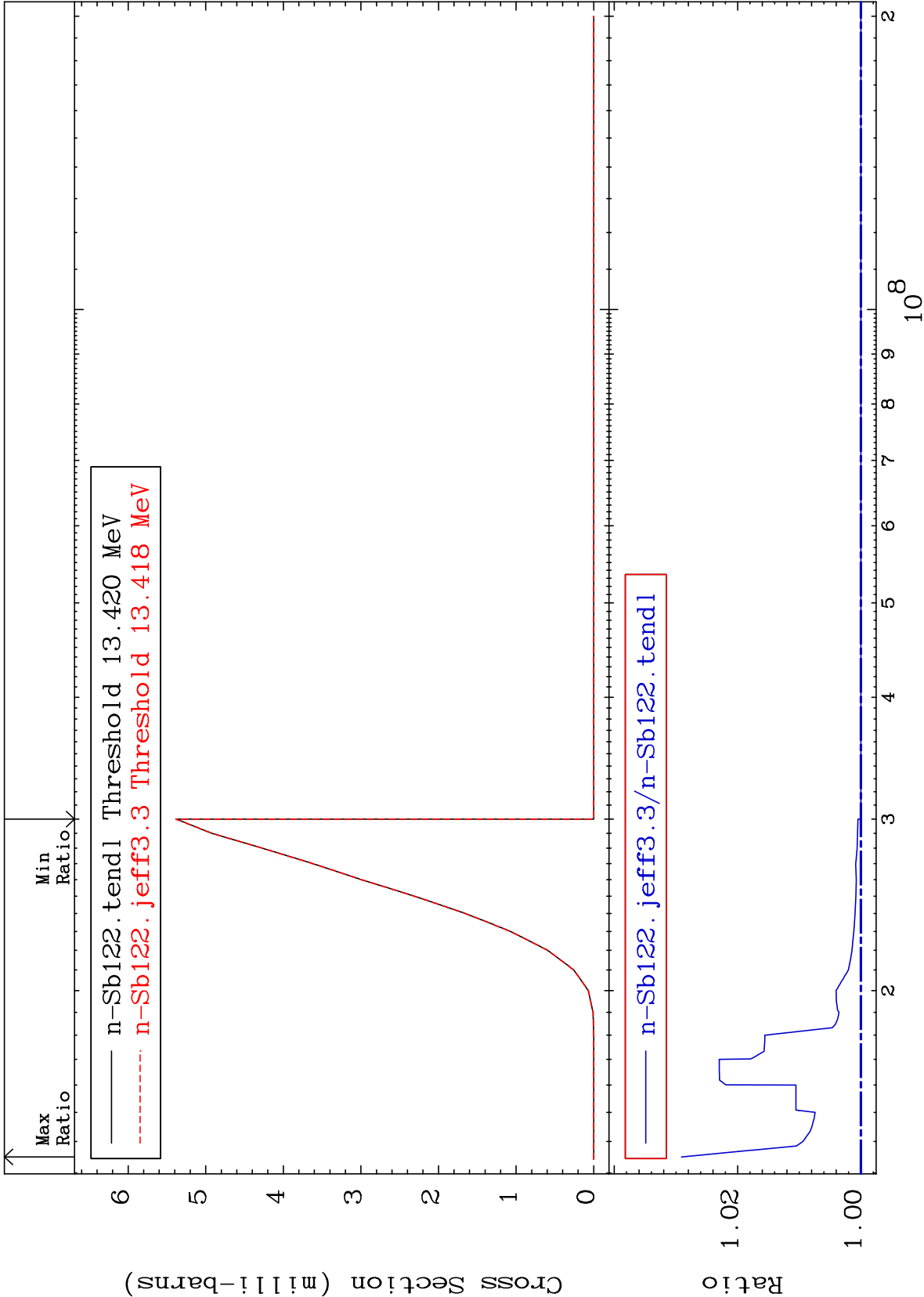
0.000

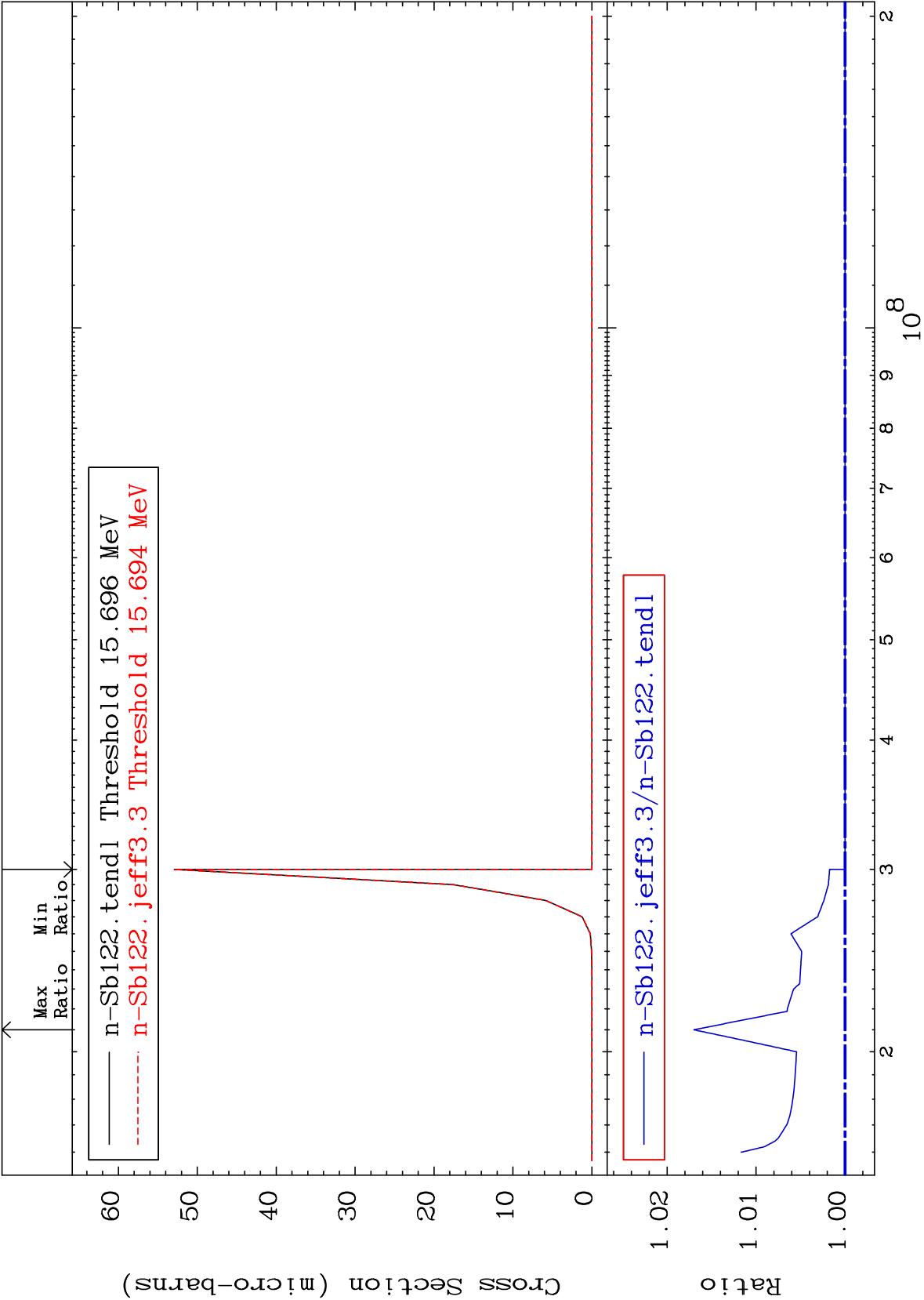
To 4.876 %

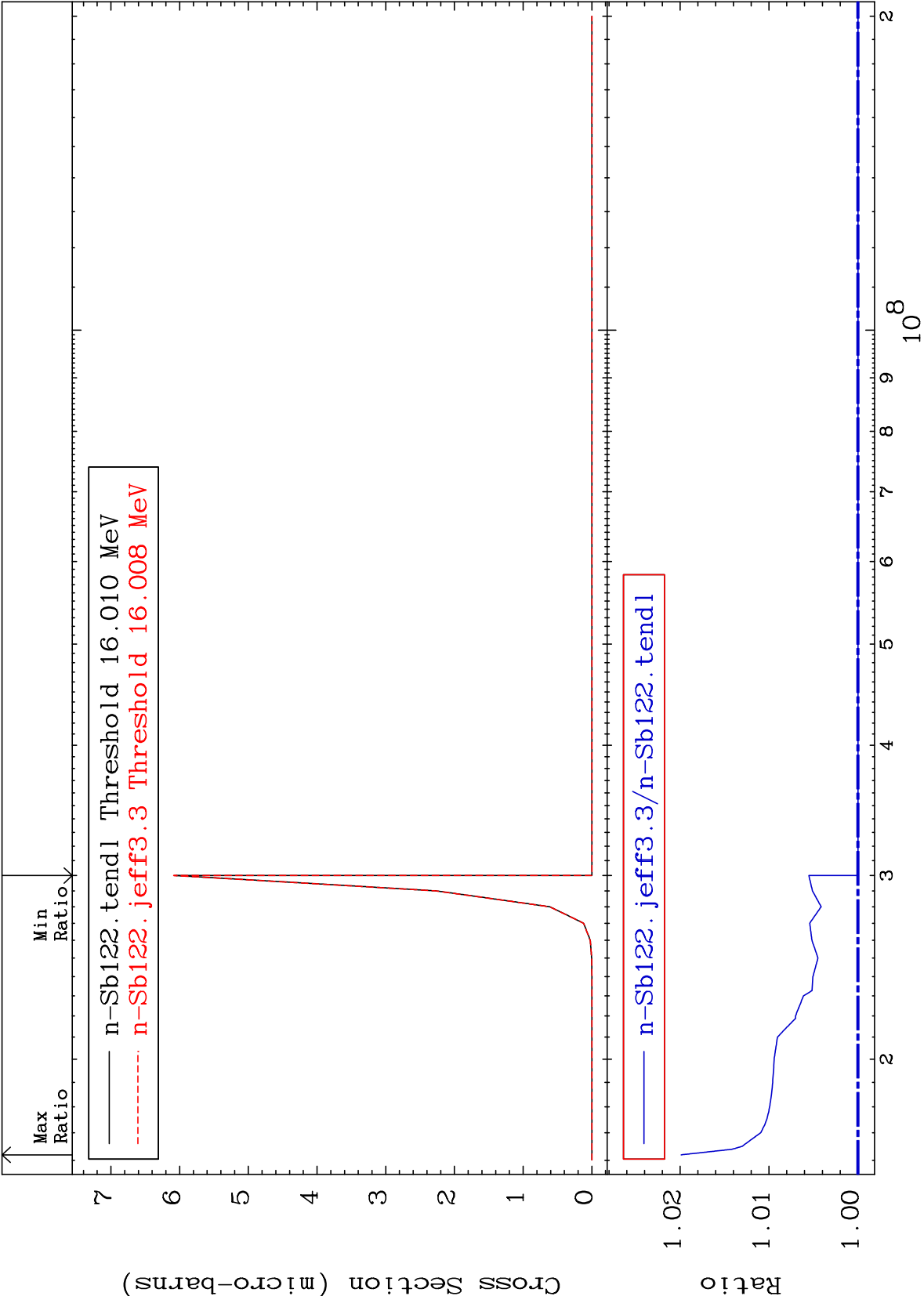




Radionuclide Production Cross Section 0.000 To 2.910 %







MAT 5128

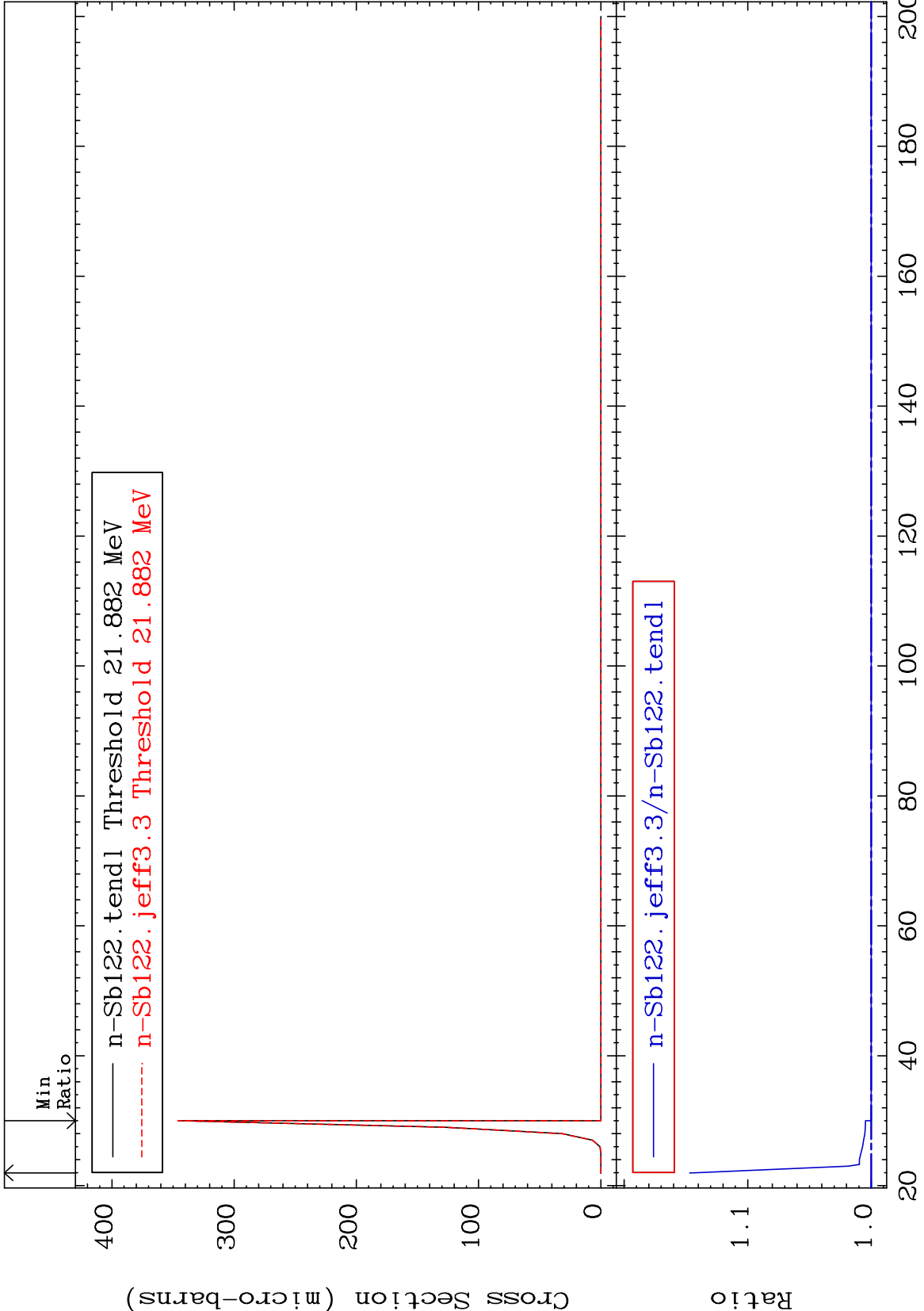
(n,3n) p:50-Sn-119g

51-Sb-122

Radionuclide Production Cross Section

0.000

To 14.69 %



89

Incident Energy (MeV)

51-Sb-122

MAT 5128

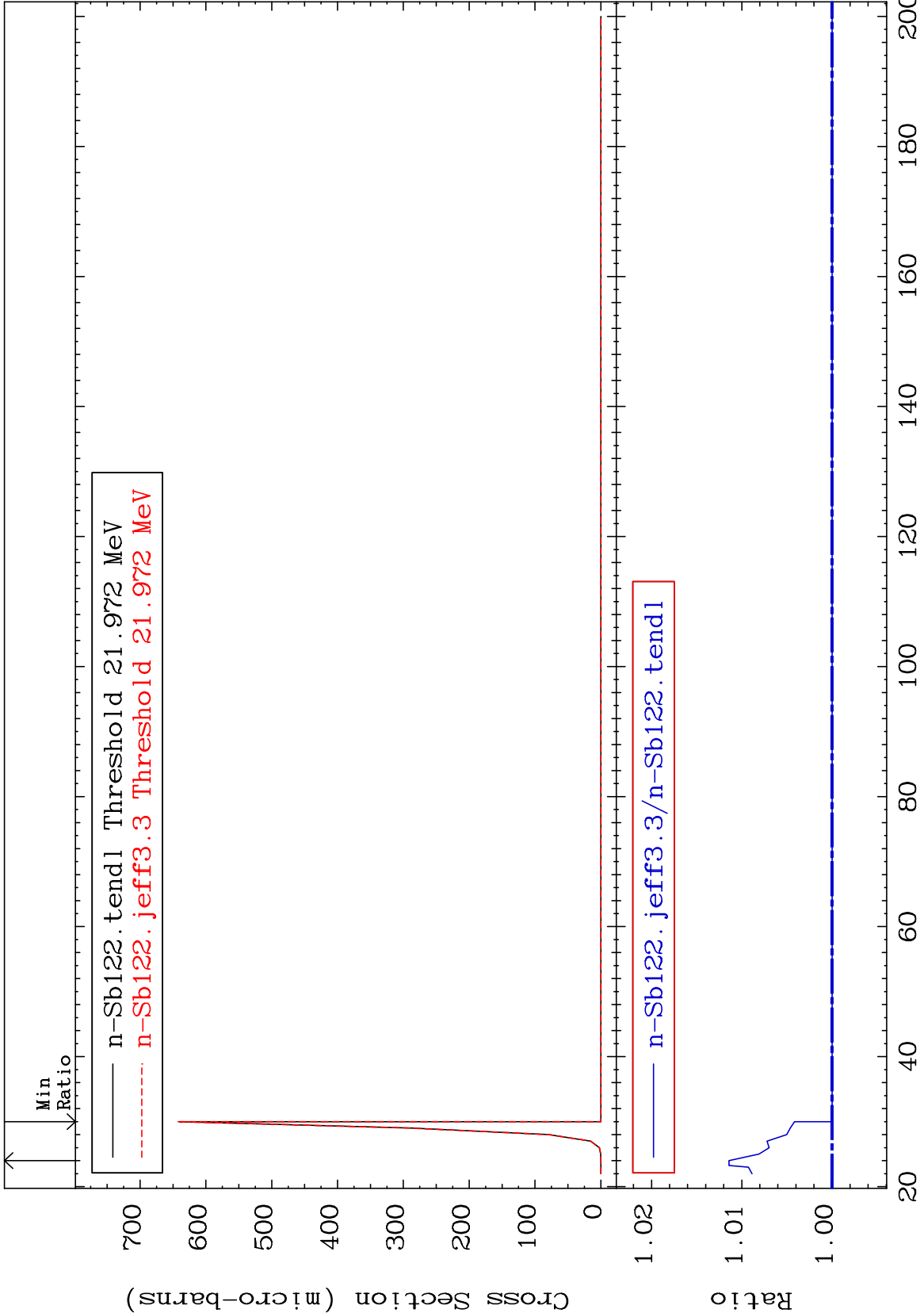
(n,3n) p:50-Sn-119m2

51-Sb-122

Radionuclide Production Cross Section

0.000

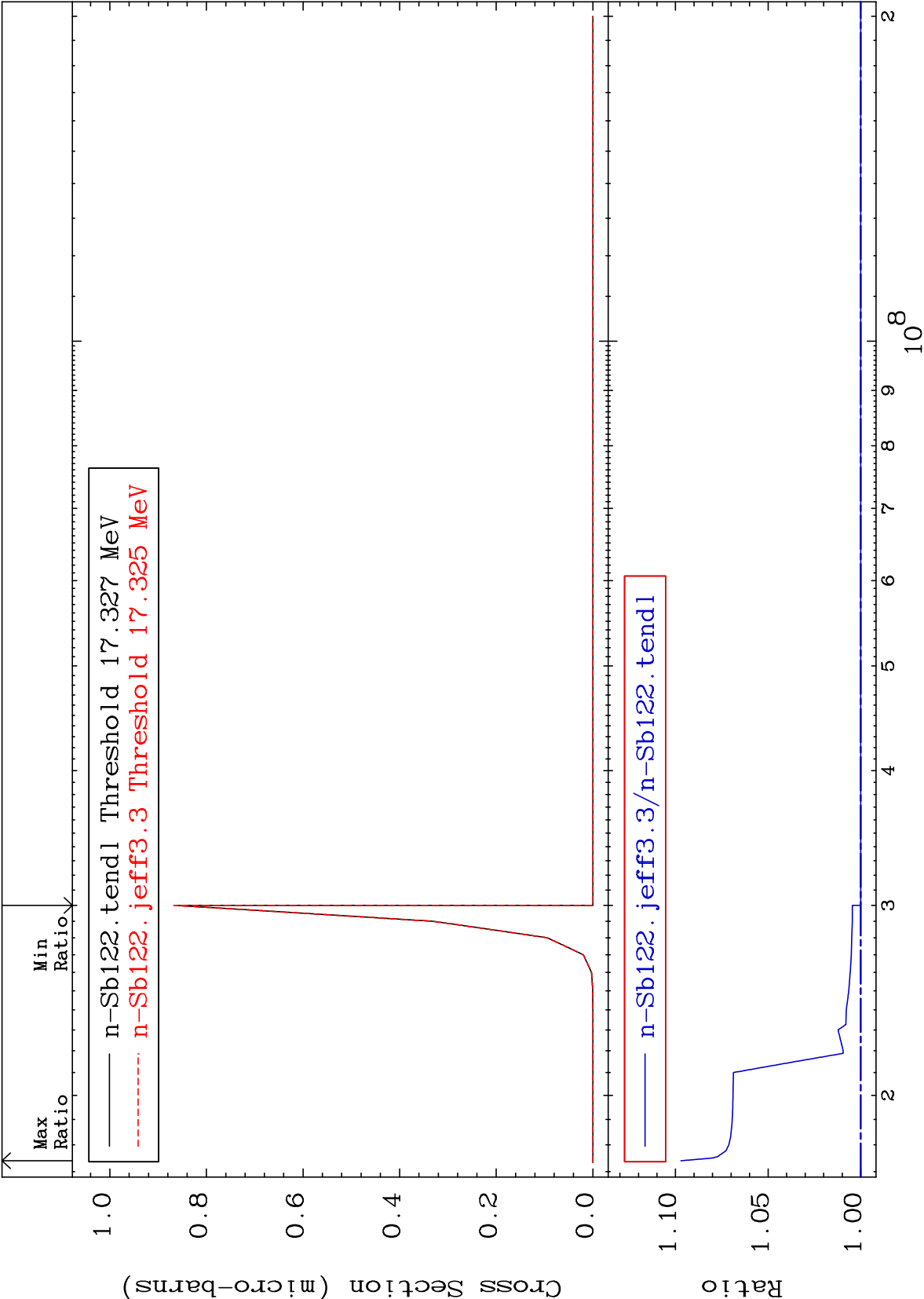
To 1.143 %

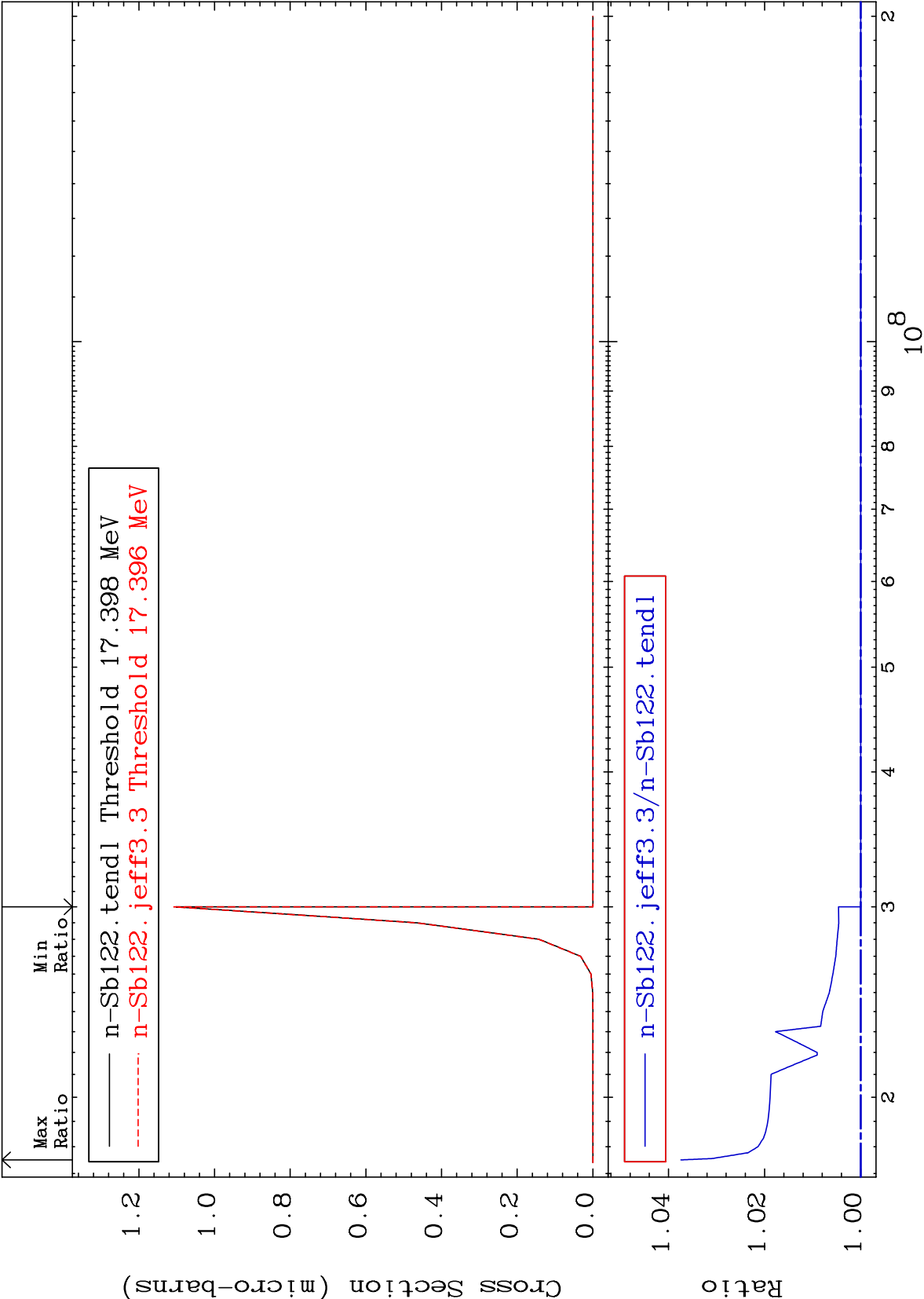


90

Incident Energy (MeV)

51-Sb-122





MAT 5128

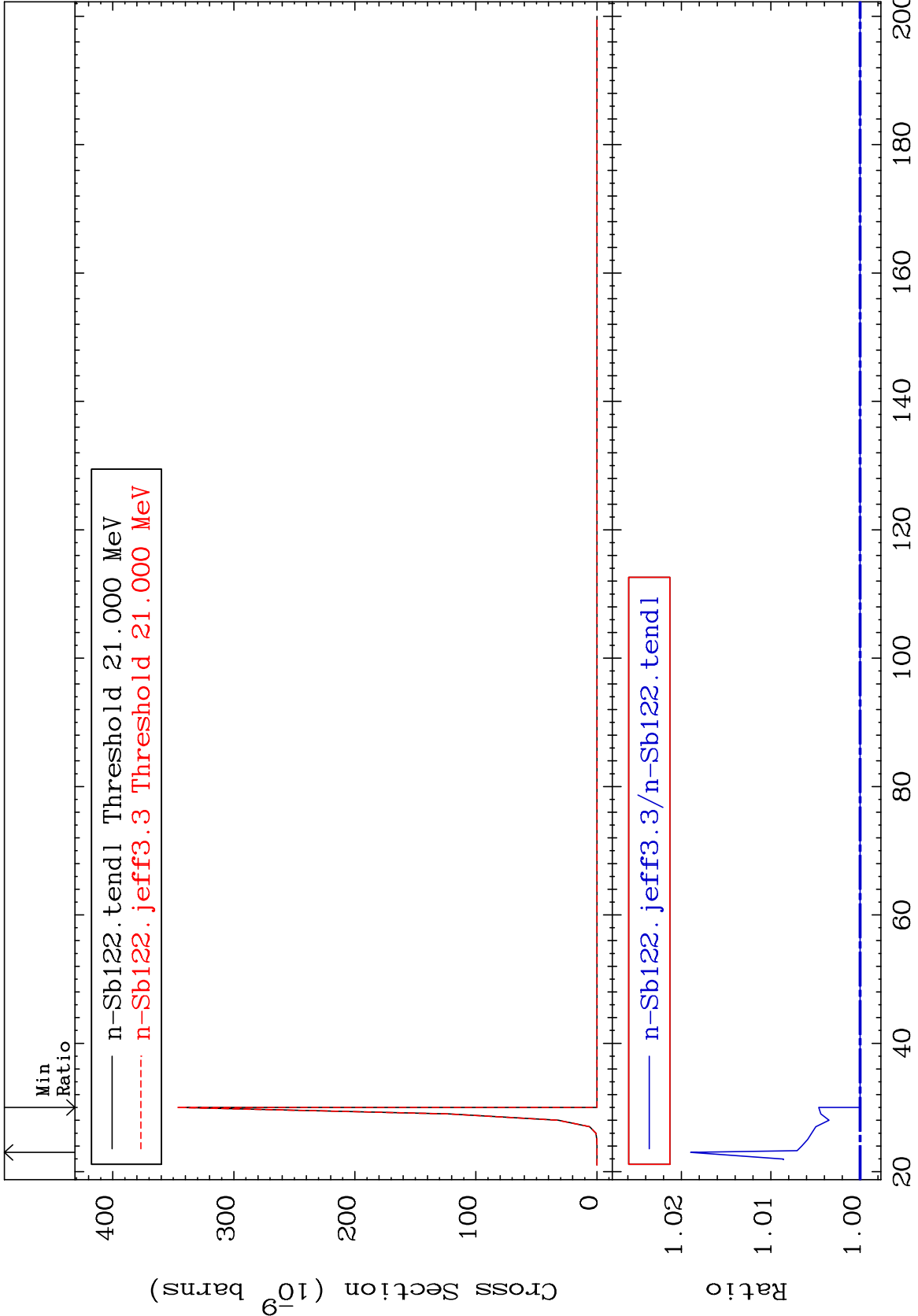
(n,2n) p:49-In-120m2

51-Sb-122

Radionuclide Production Cross Section

0.000

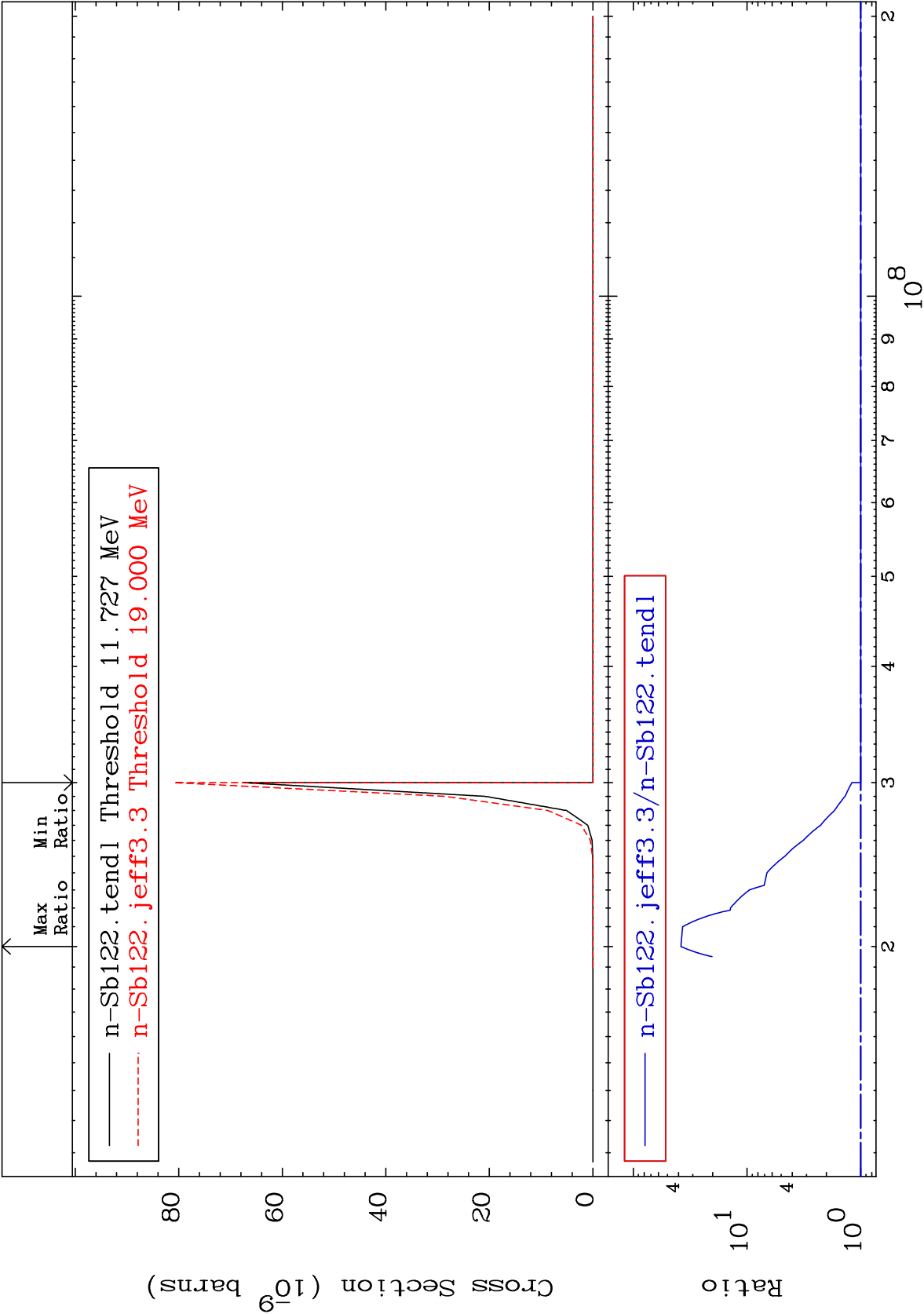
To 1.897 %

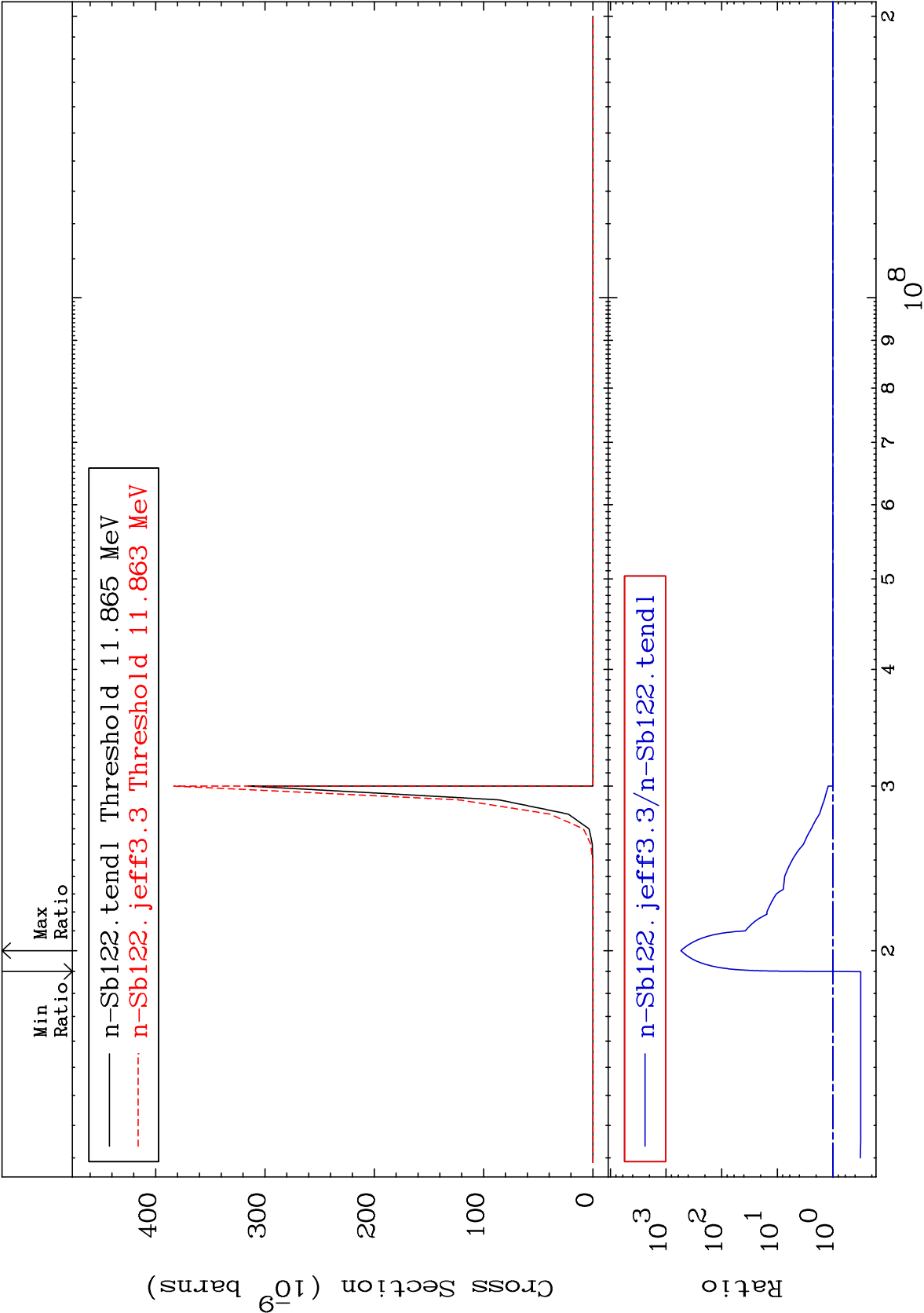


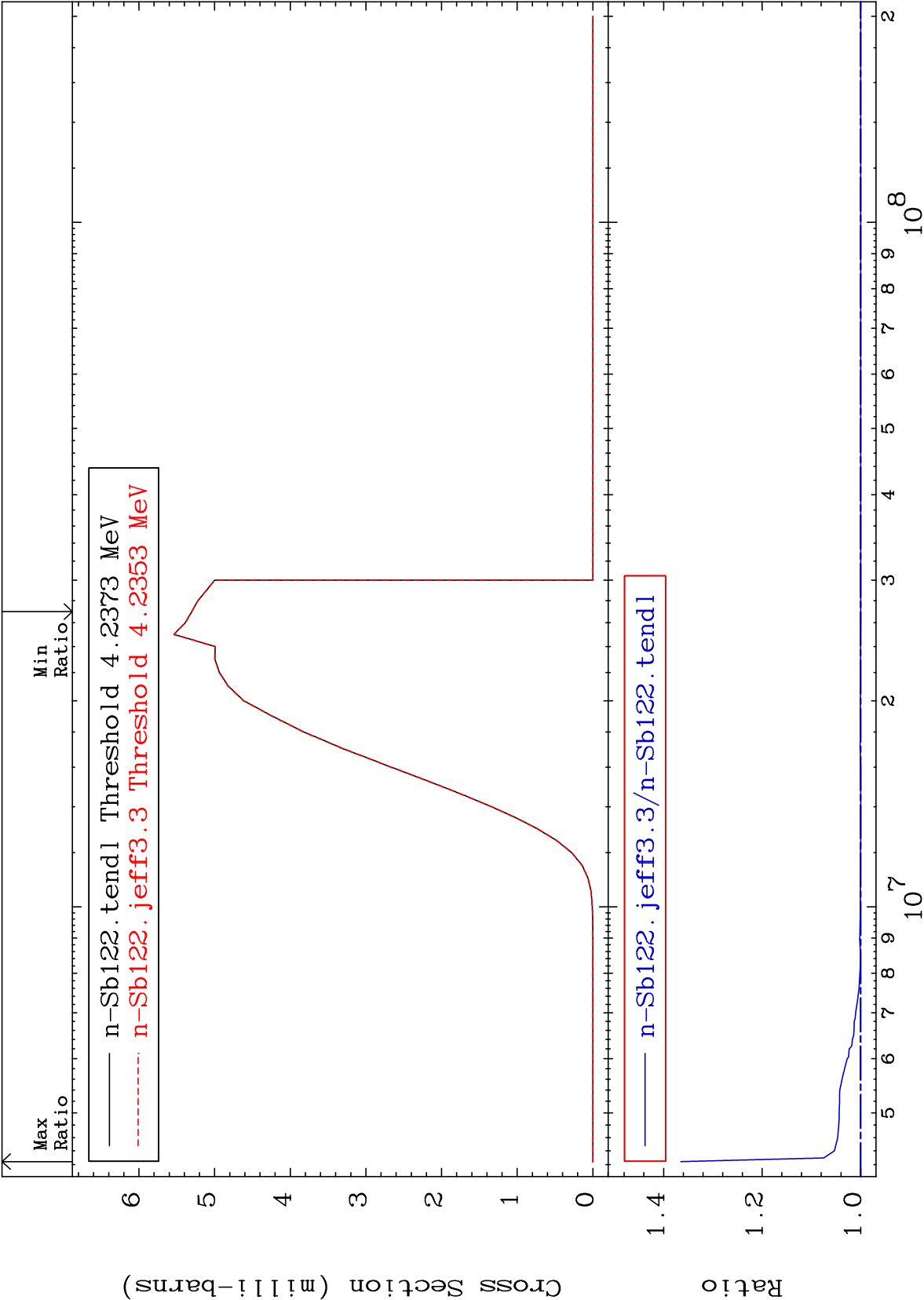
93

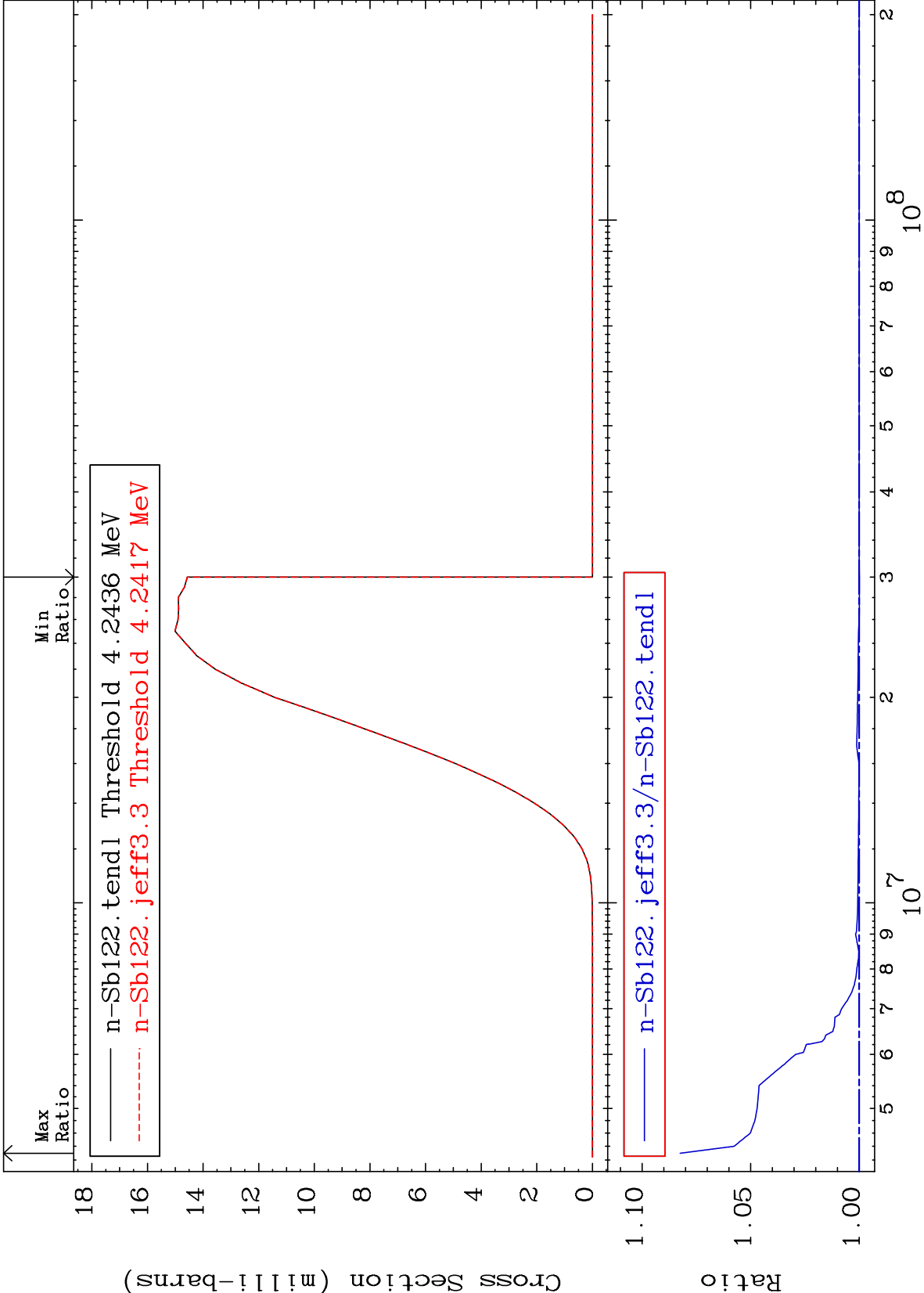
Incident Energy (MeV)

51-Sb-122

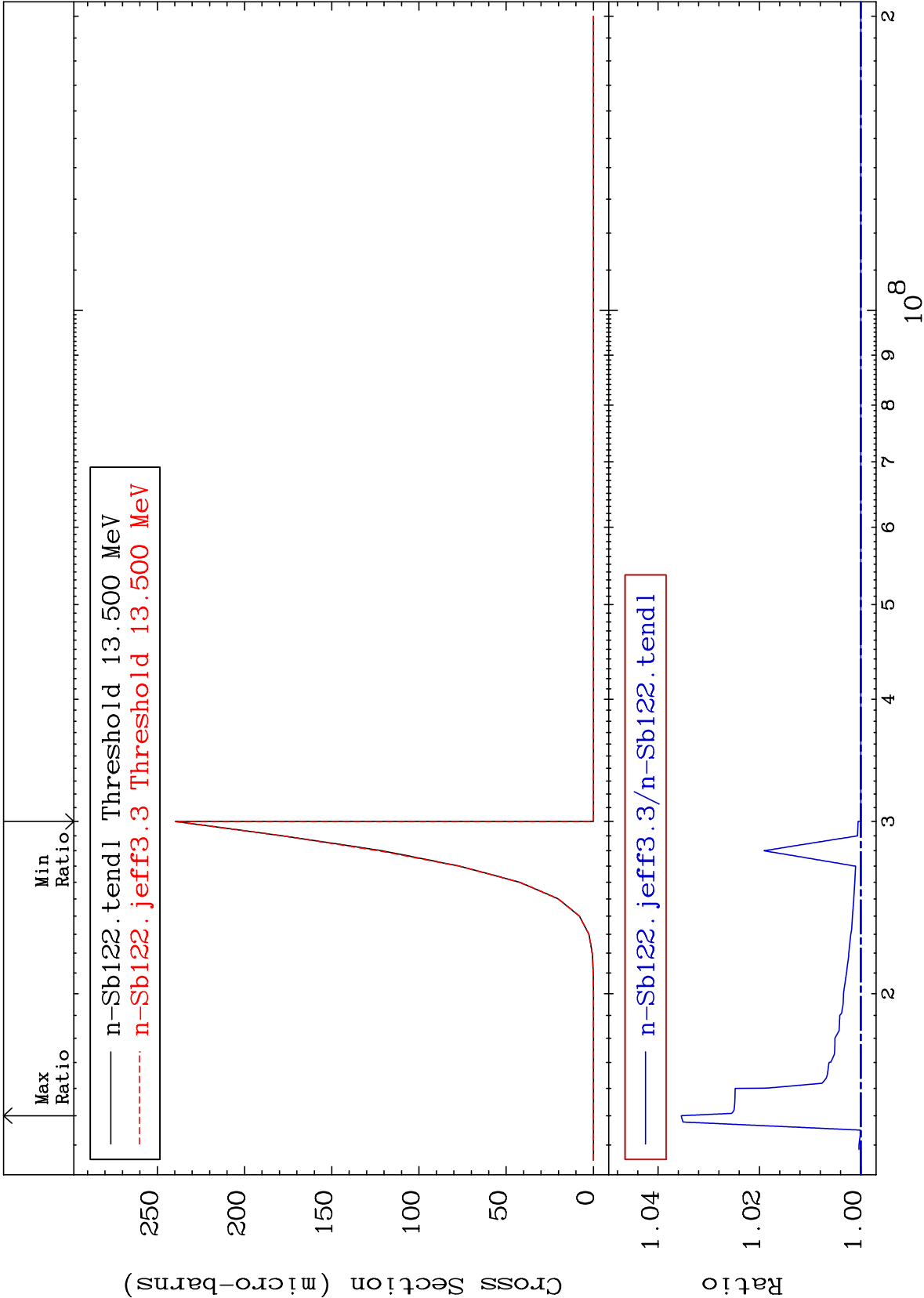








Radionuclide Production Cross Section 0.000 To 3.541 %



MAT 5128

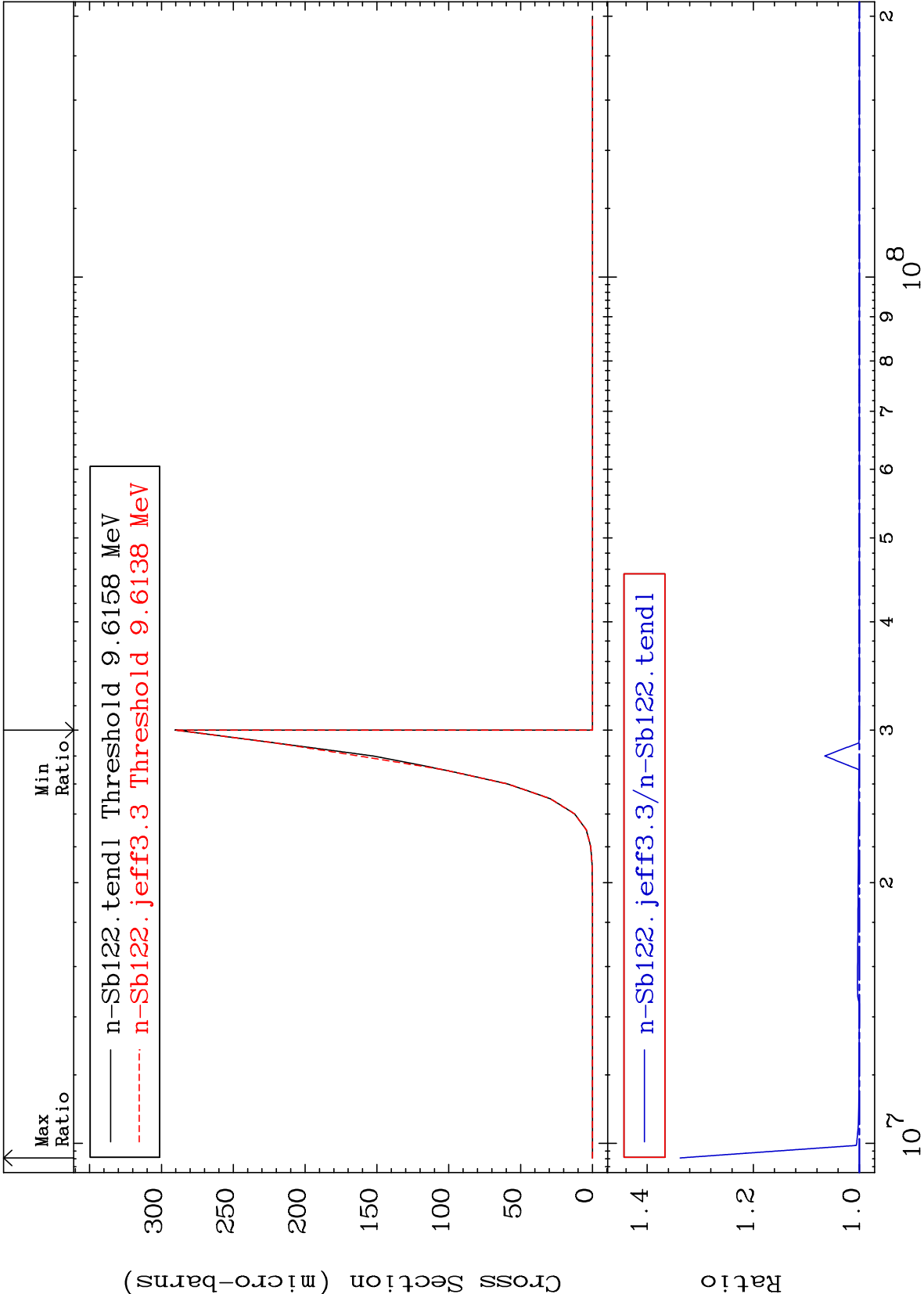
(n,He-3):49-In-120m1

51-Sb-122

Radionuclide Production Cross Section

0.000

To 33.79 %



Incident Energy (eV)

51-Sb-122

MAT 5128

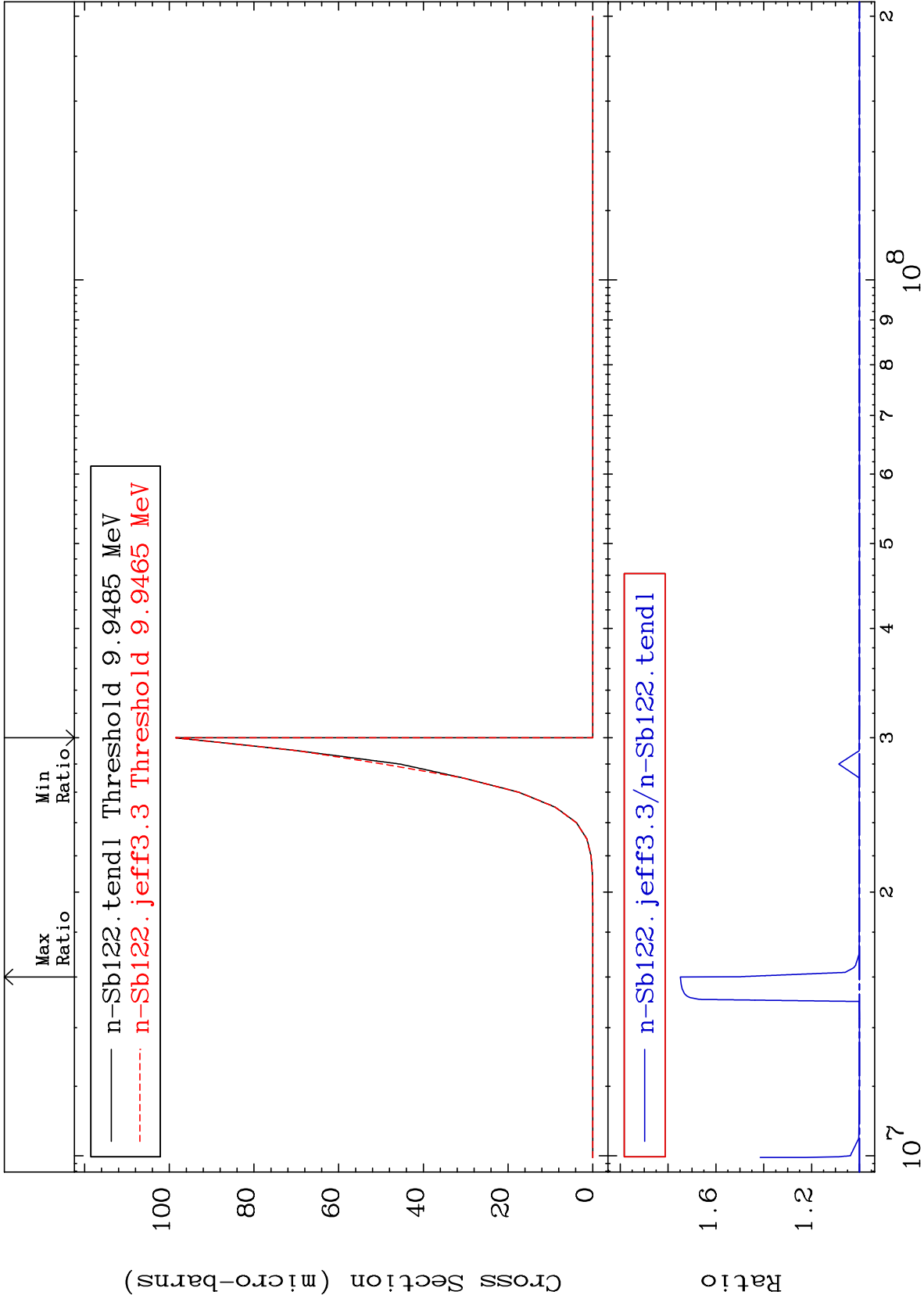
(n,He-3):49-In-120m2

51-Sb-122

Radionuclide Production Cross Section

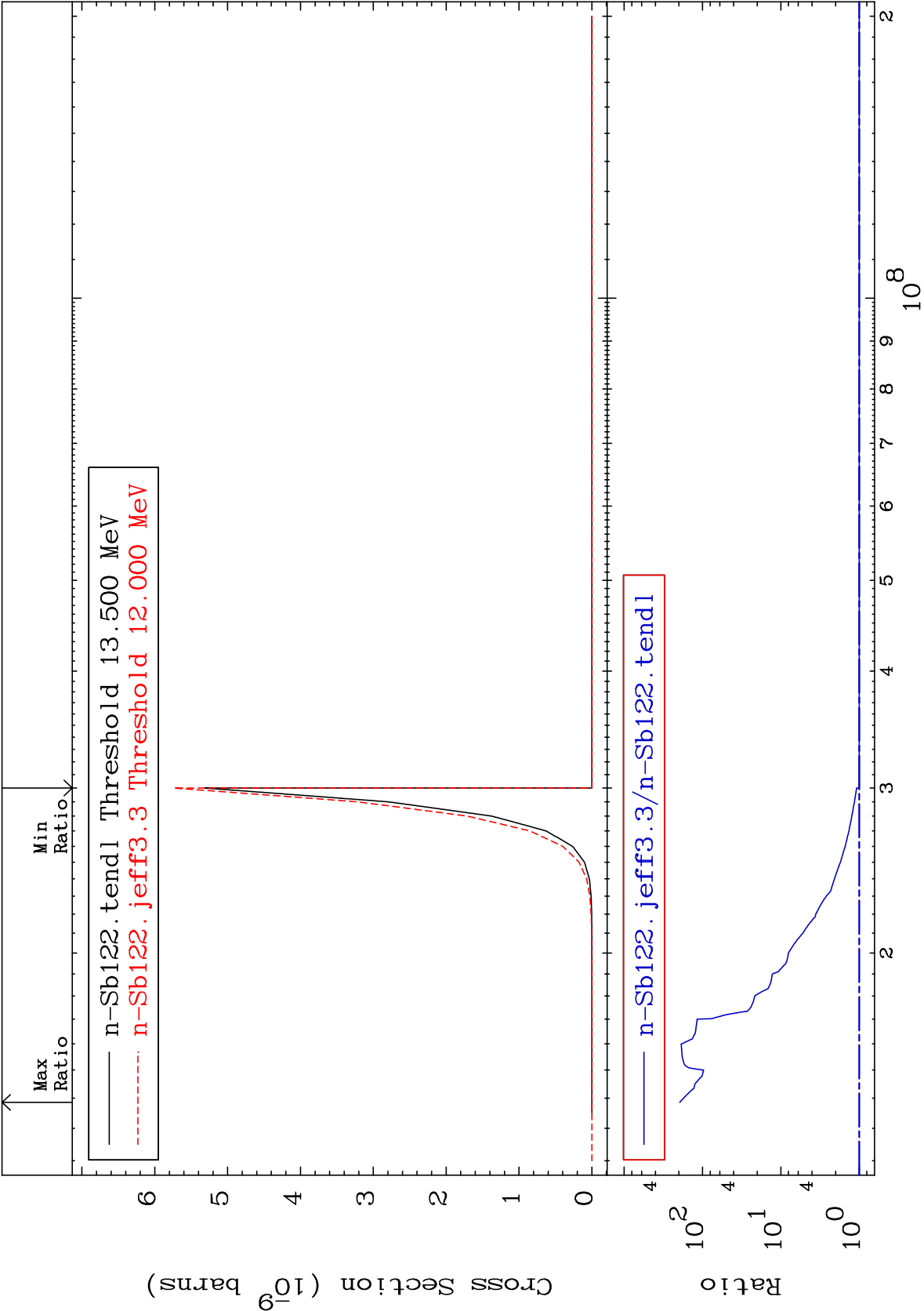
0.000

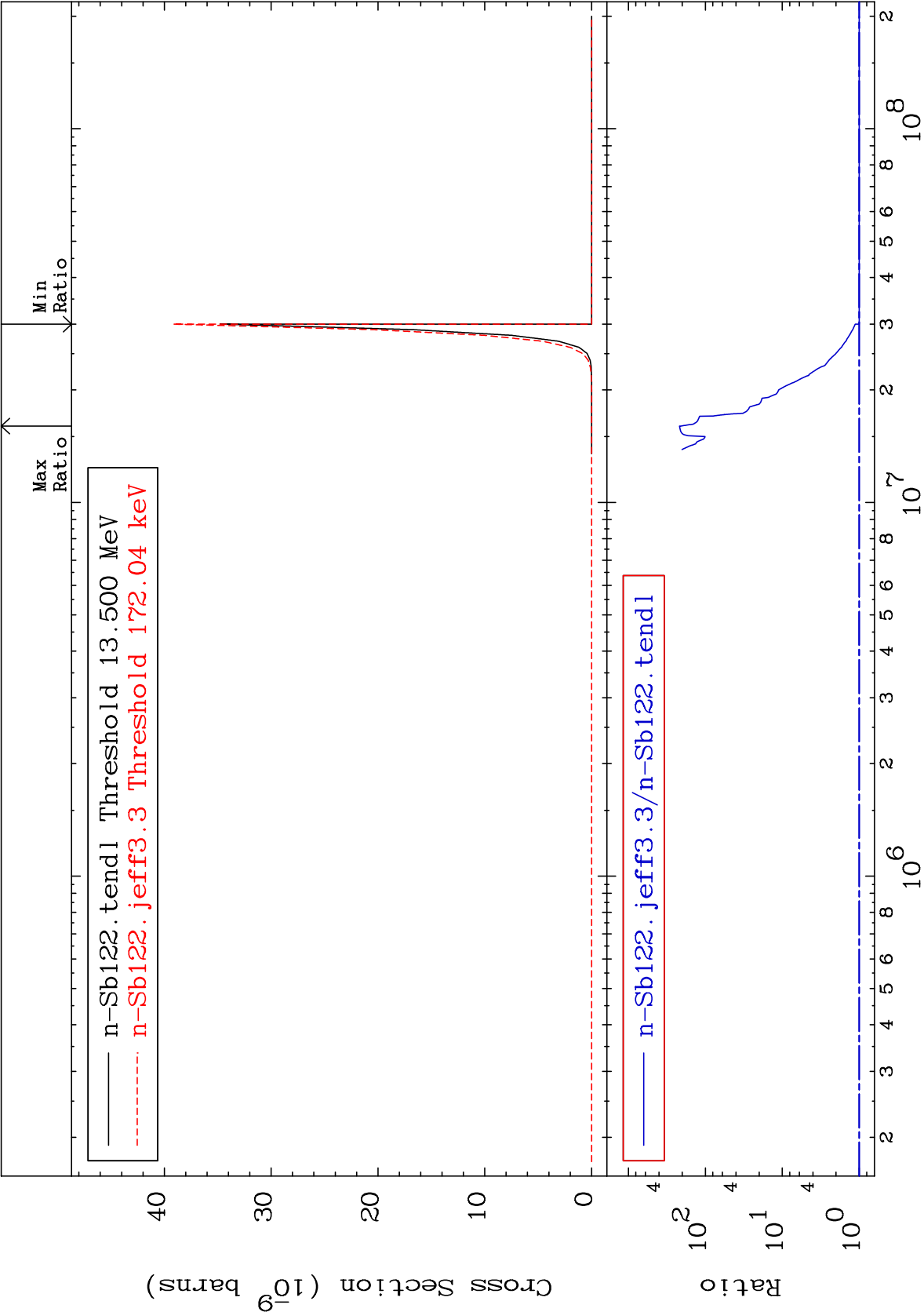
To 74.88 %



Incident Energy (eV)

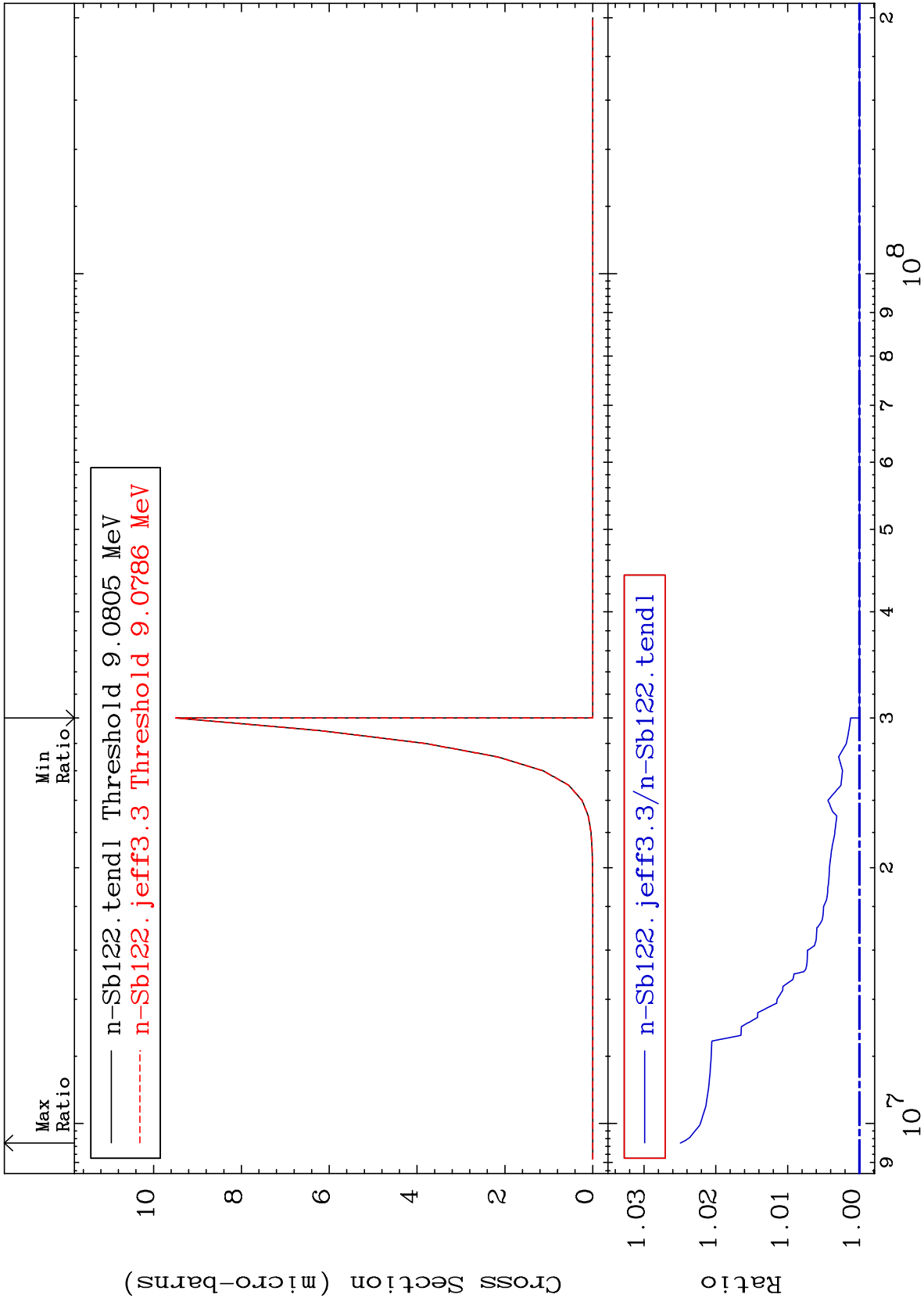
51-Sb-122





MAT 5128

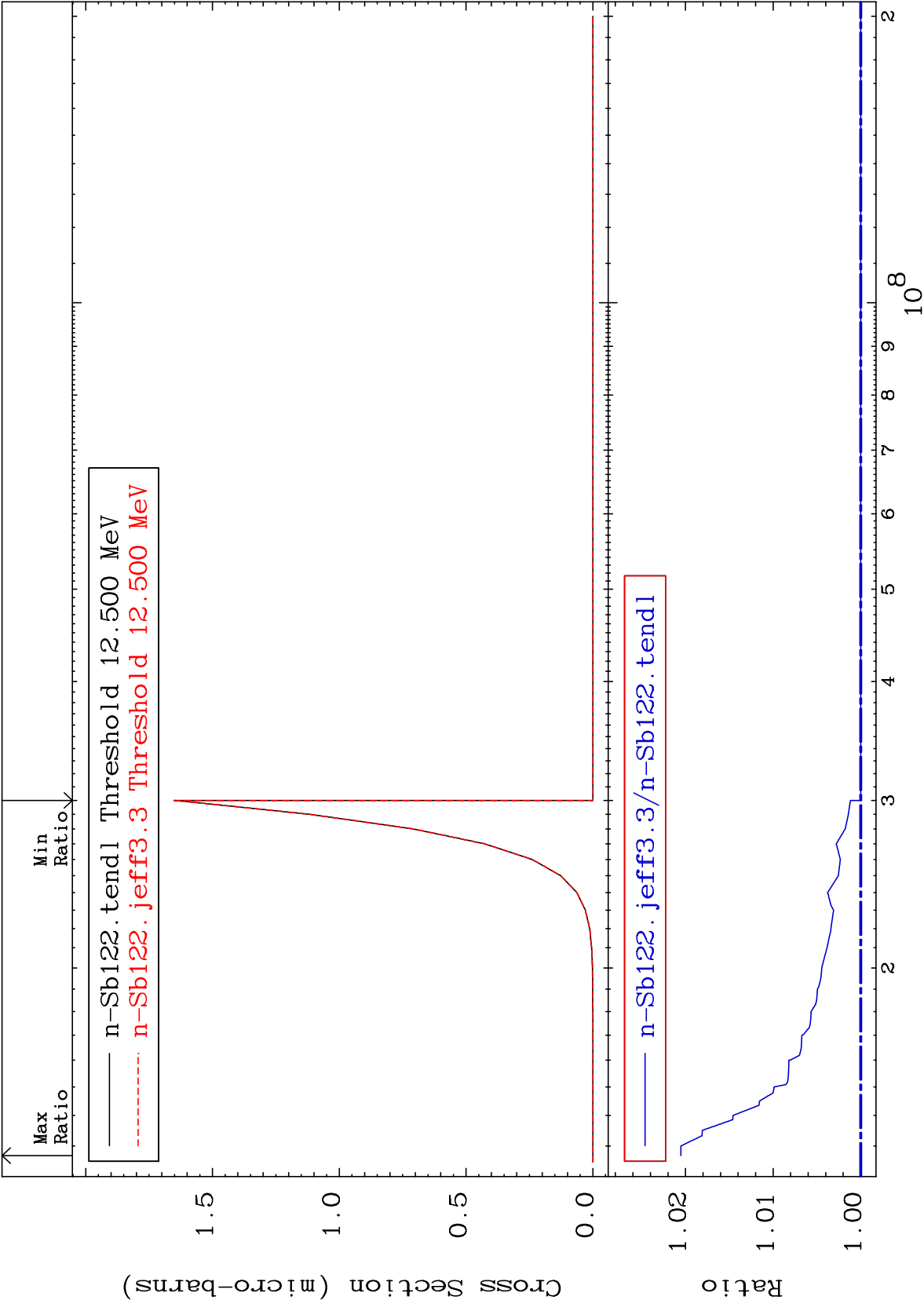
(n,2p):49-In-121g 51-Sb-122
Radionuclide Production Cross Section 0.000 To 2.494 %

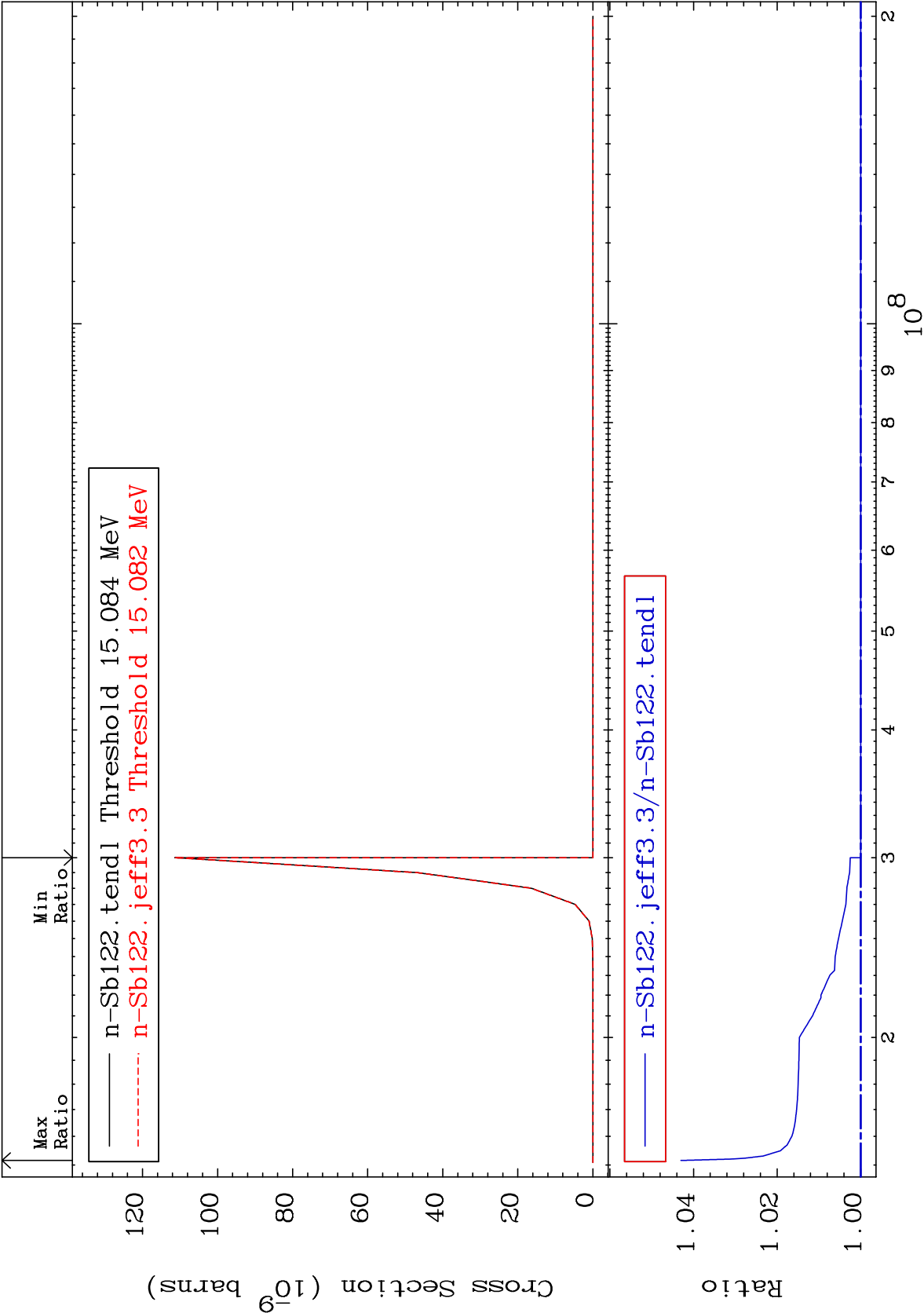


Radionuclide Production Cross Section

0.000

To 2.053 %

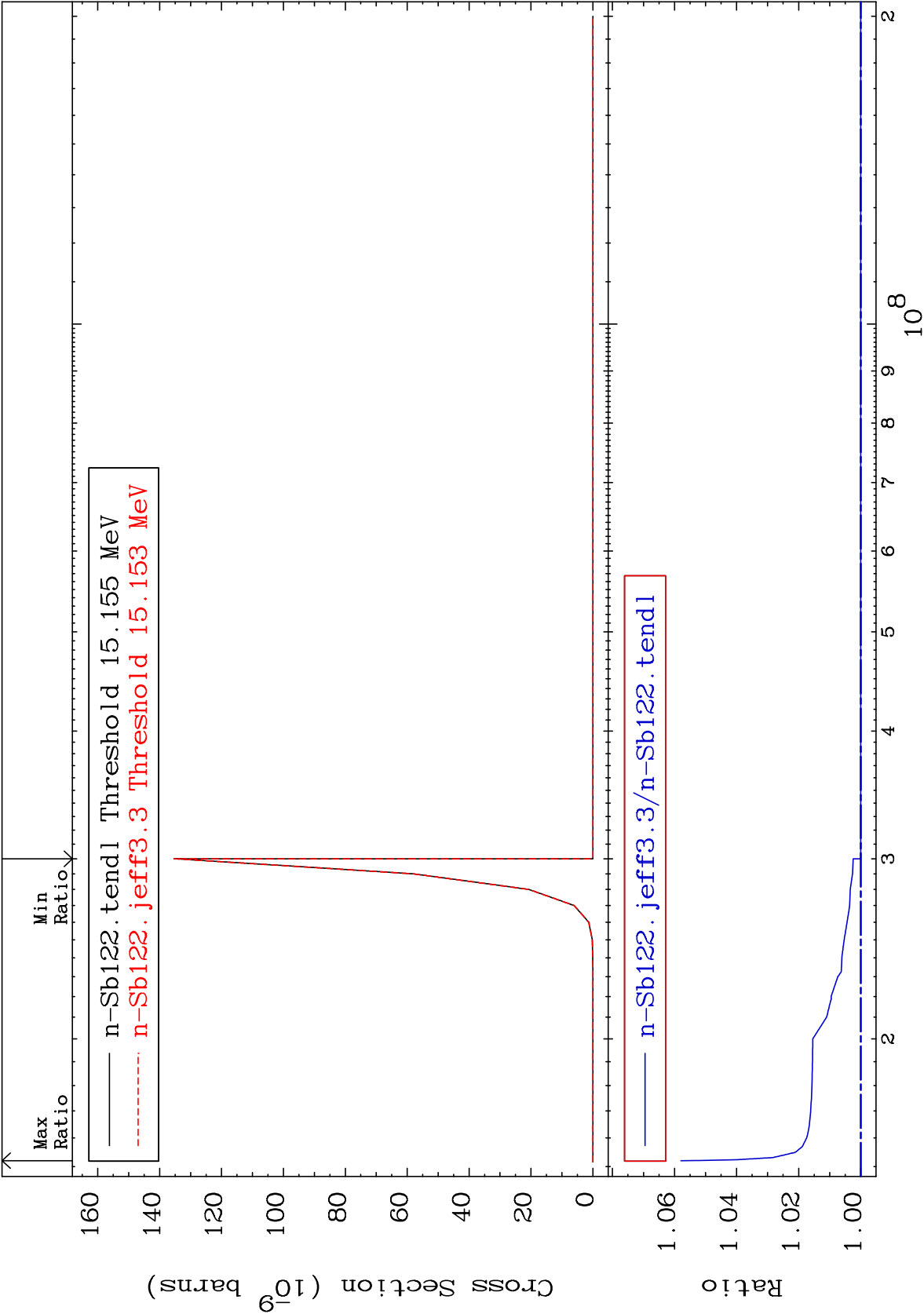


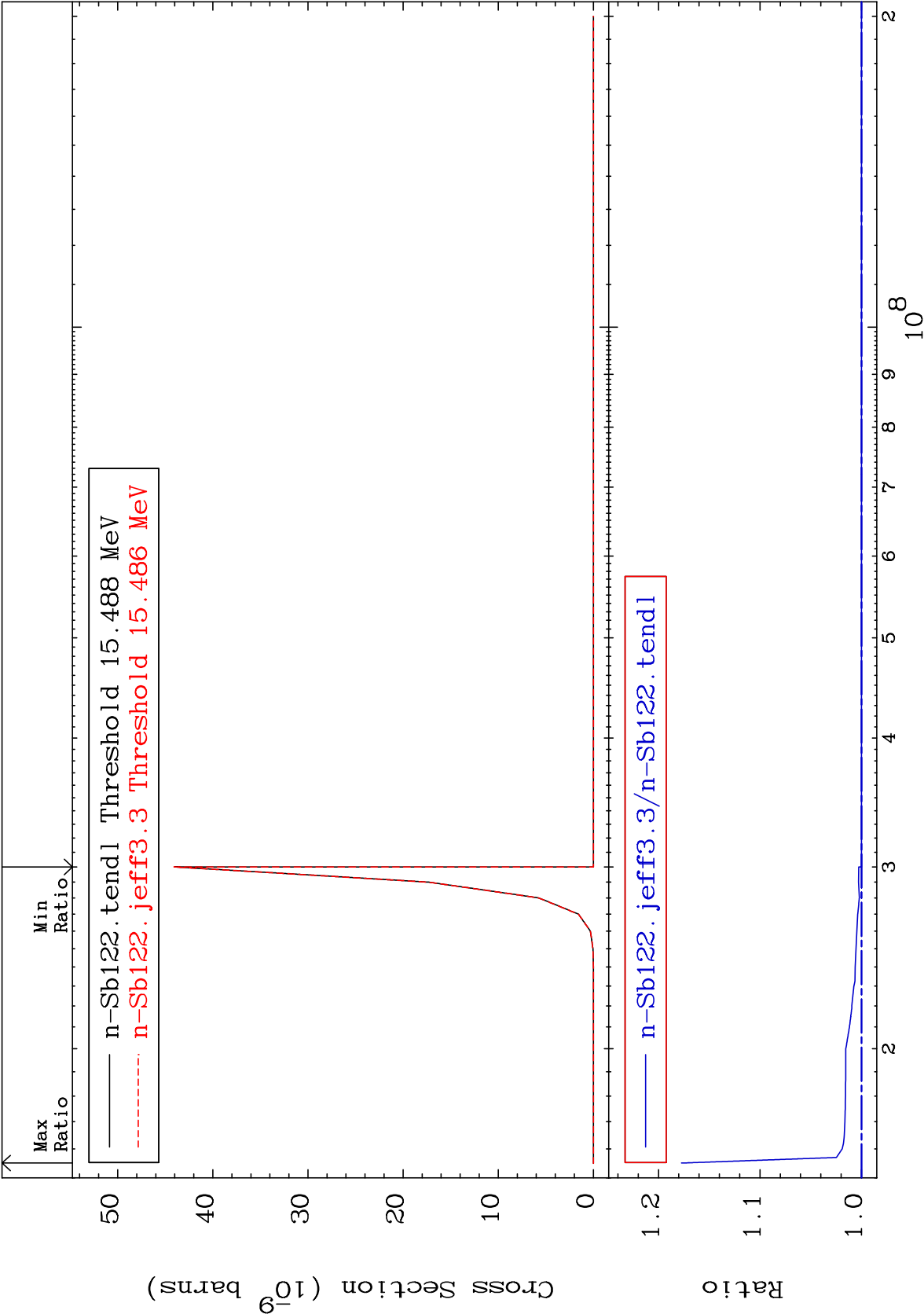


Radionuclide Production Cross Section

0.000

To 5.794 %

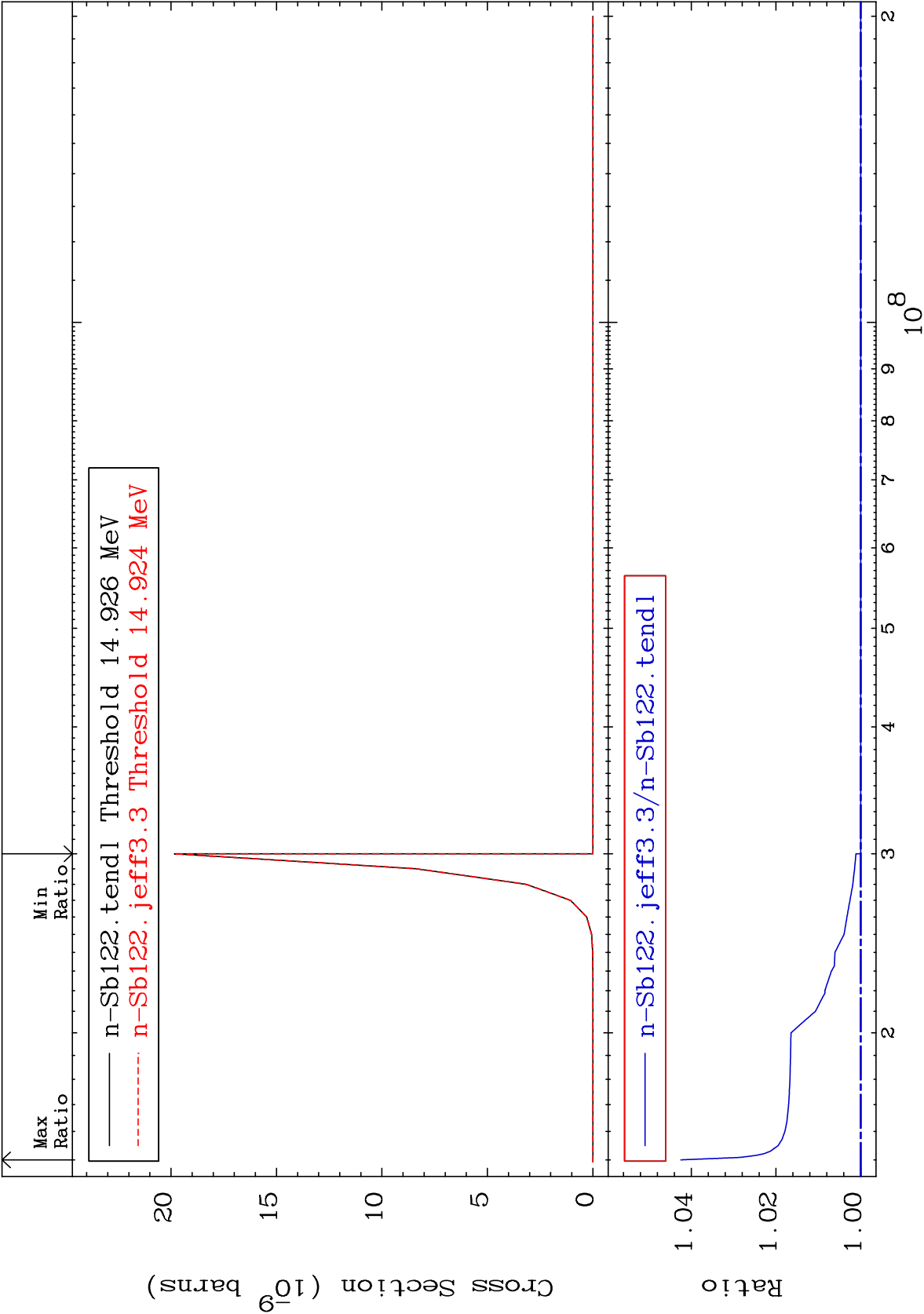




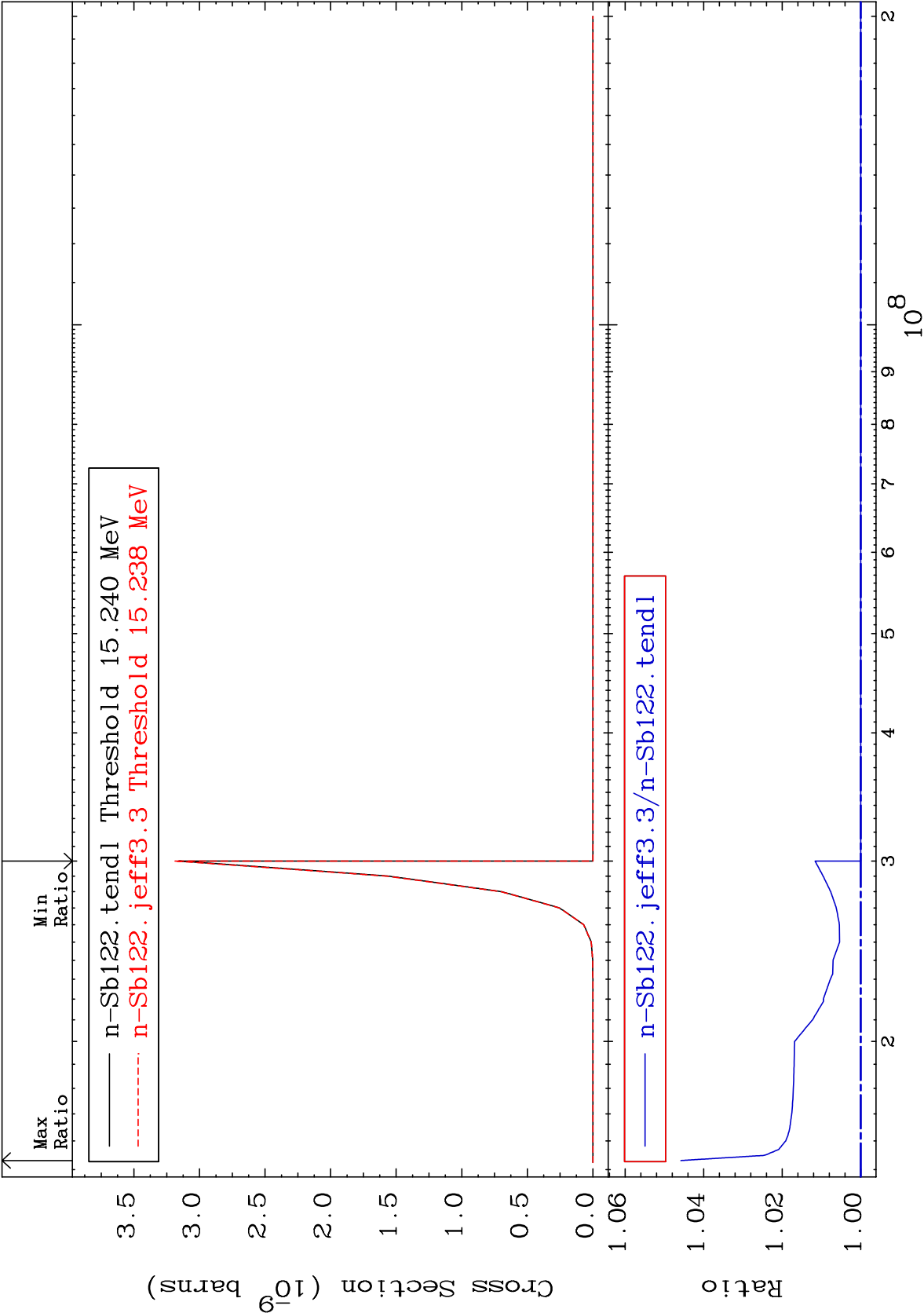
Radionuclide Production Cross Section

0.000

To 4.246 %



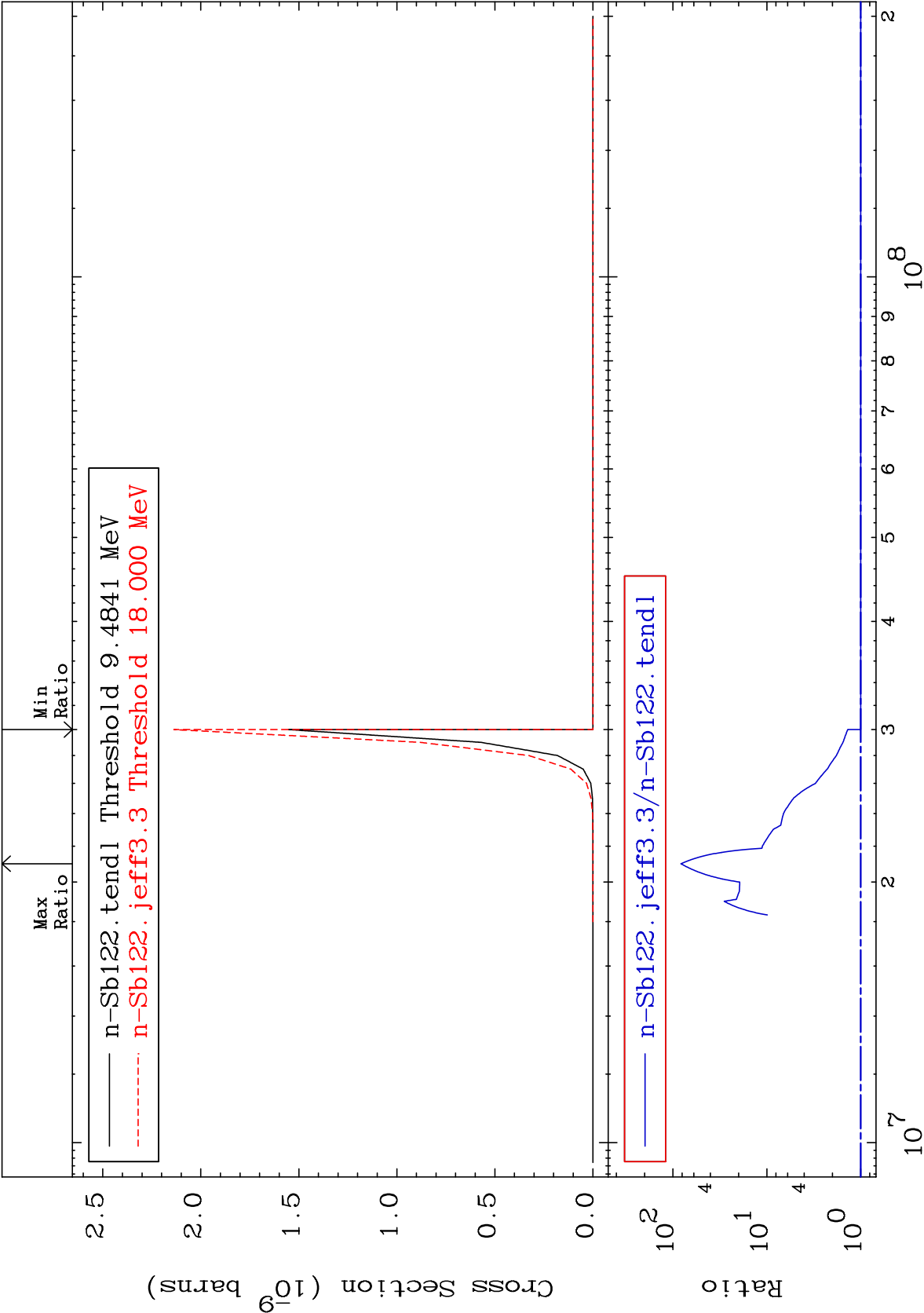
Radionuclide Production Cross Section 0.000 To 4.580 %



MAT 5128

(n,d) α :48-Cd-117g
Radionuclide Production Cross Section 0.000 To 8127. %

51-Sb-122



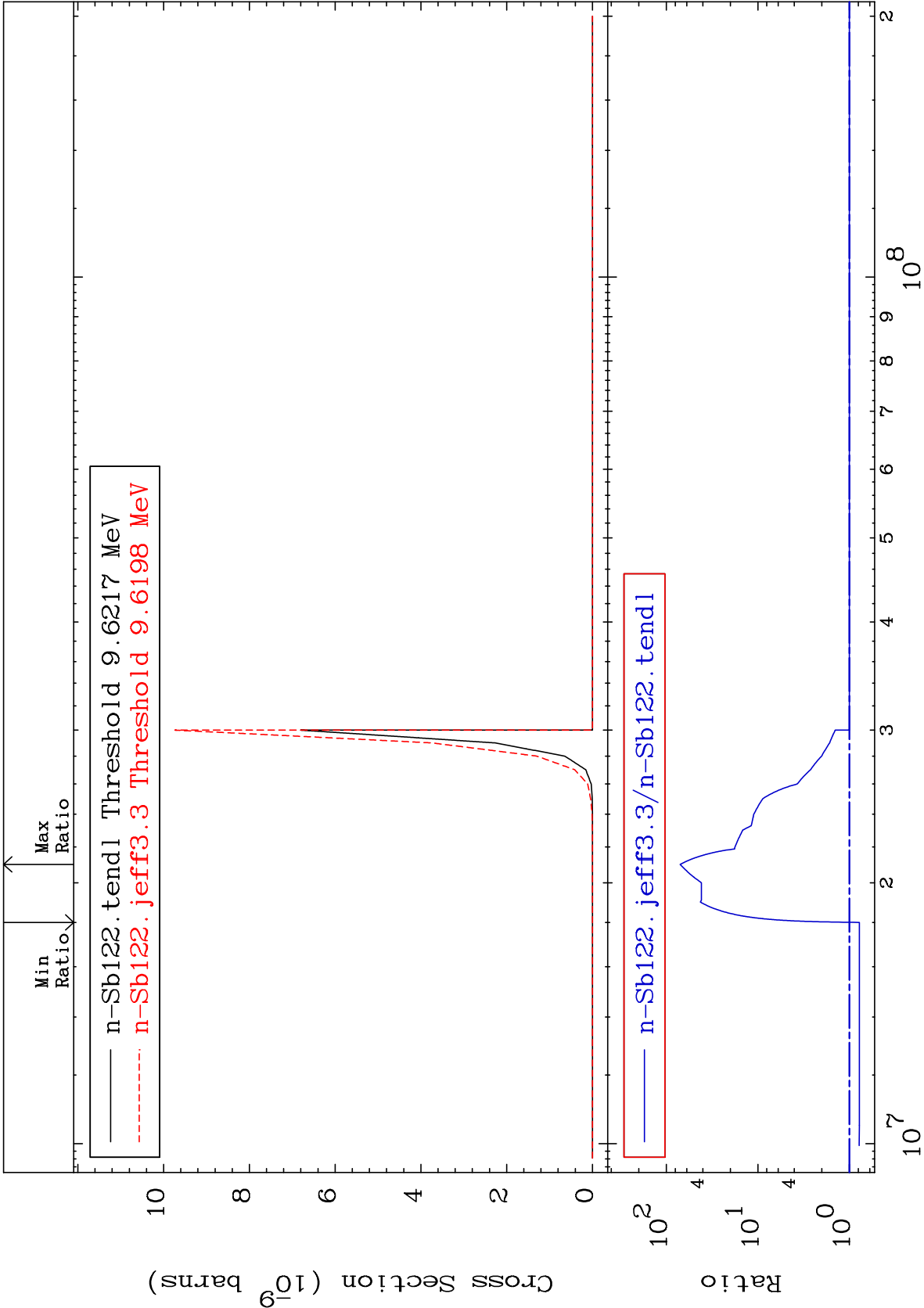
MAT 5128

(n,d) α :48-Cd-117m2

51-Sb-122

Radionuclide Production Cross Section

-22.17 To 6979. %



51-Sb-122