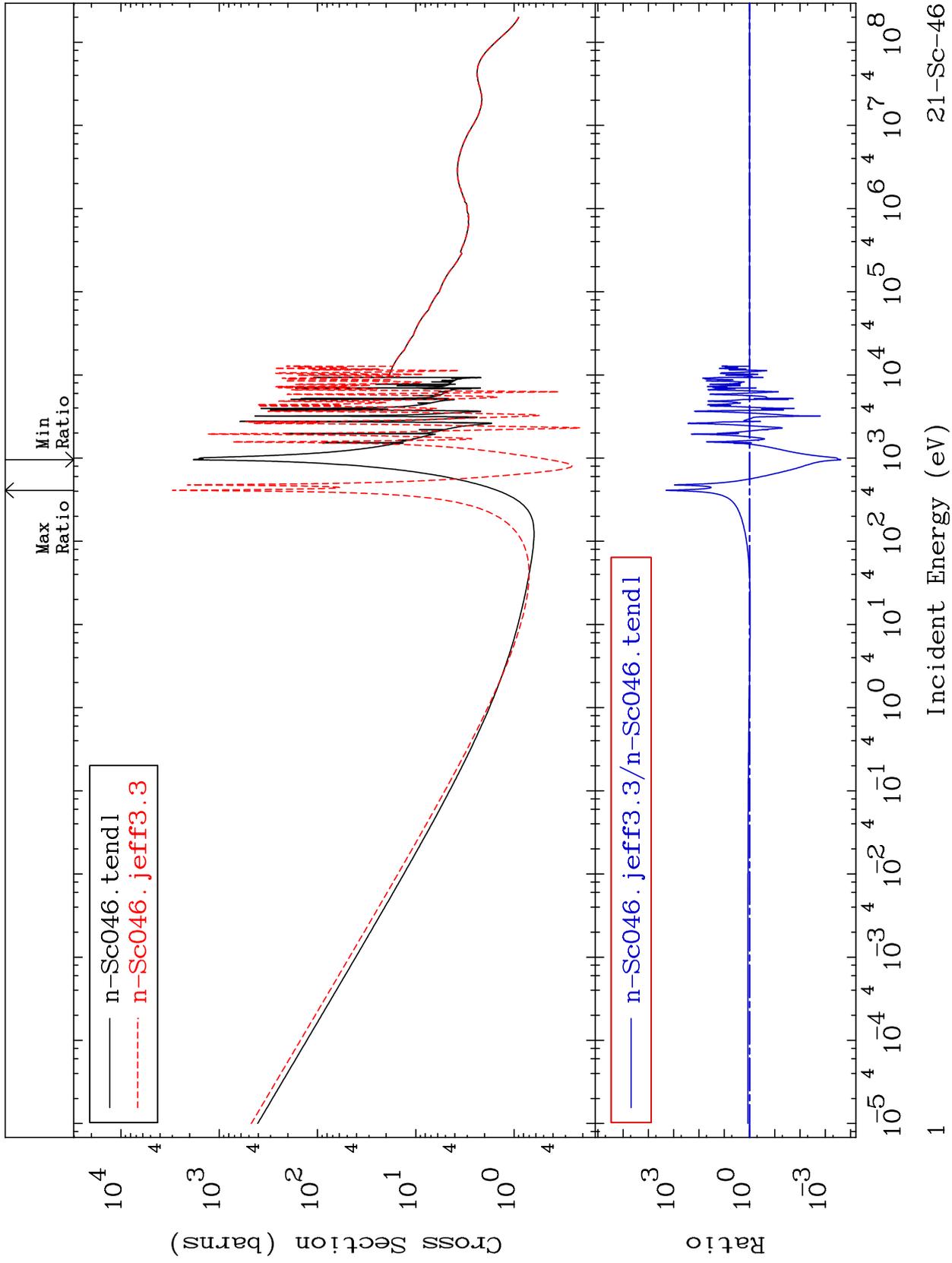


MAT 2128

Total Cross Section  
21-Sc-46  
-99.98 To 9999. %

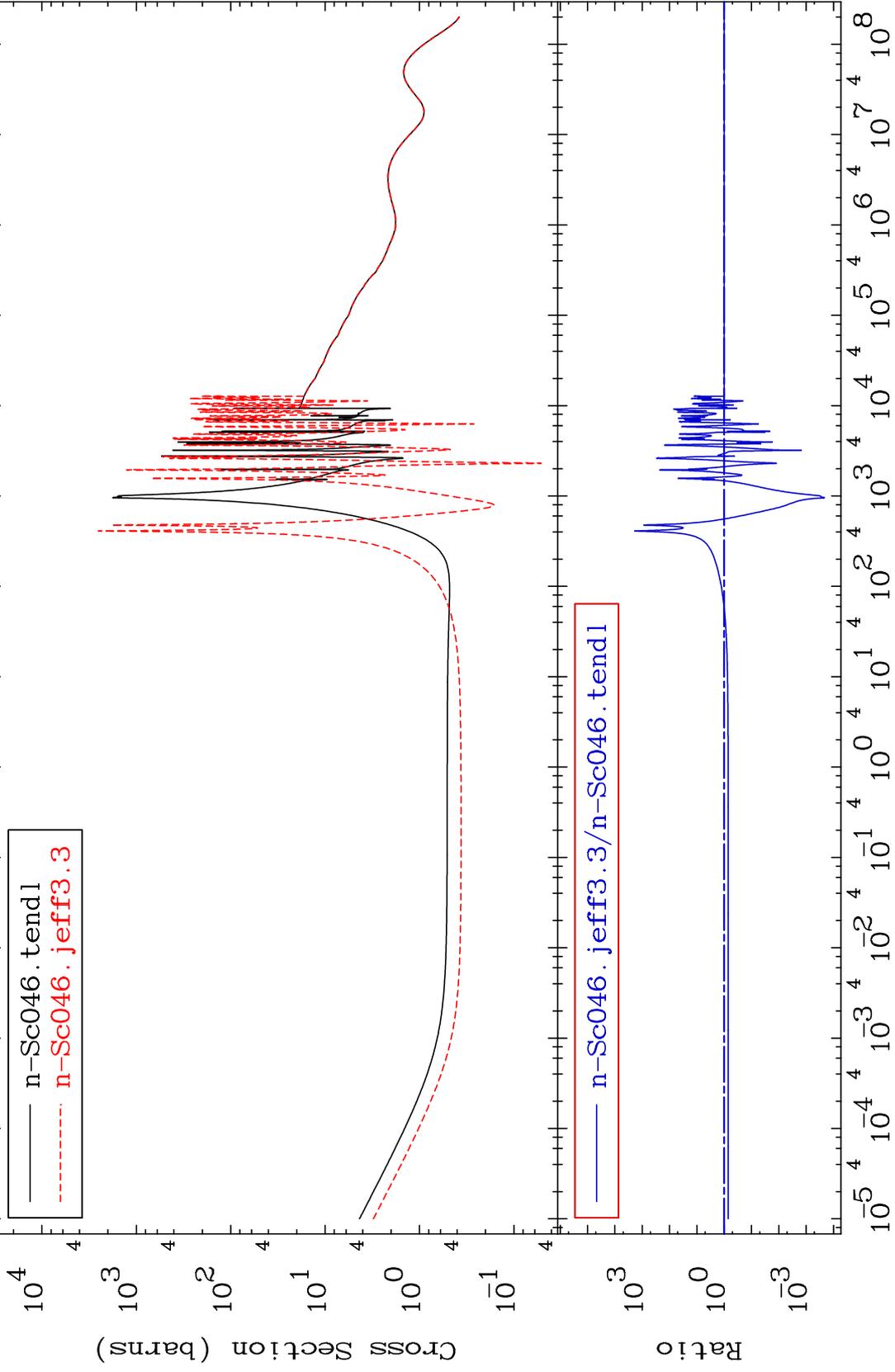


21-Sc-46

MAT 2128

Elastic  
Cross Section

21-Sc-46  
-99.98 To 9999. %



2

Incident Energy (eV)

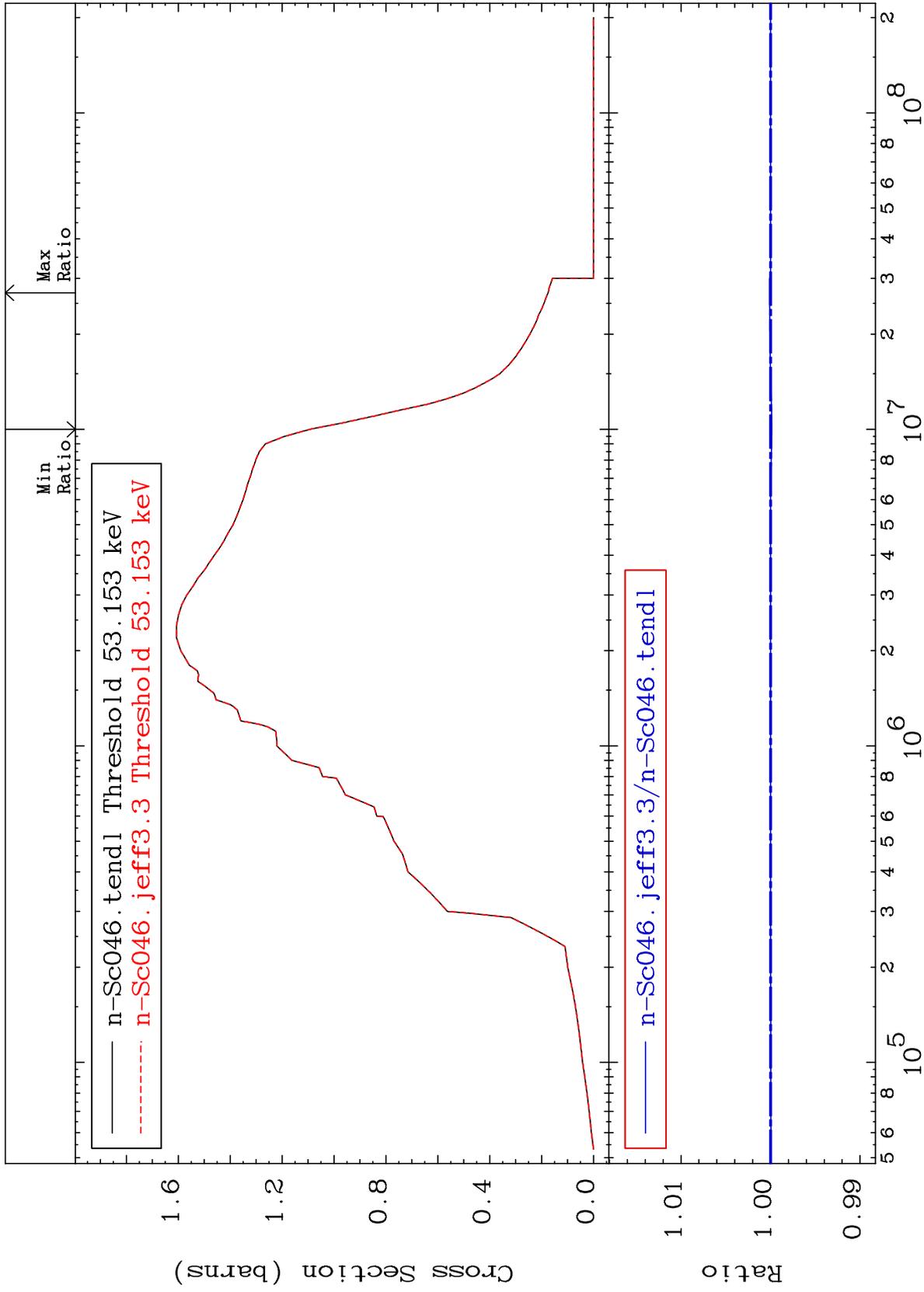
21-Sc-46

MAT 2128

21-Sc-46

Inelastic  
Cross Section

-0.014 To 0.011 %



3

21-Sc-46

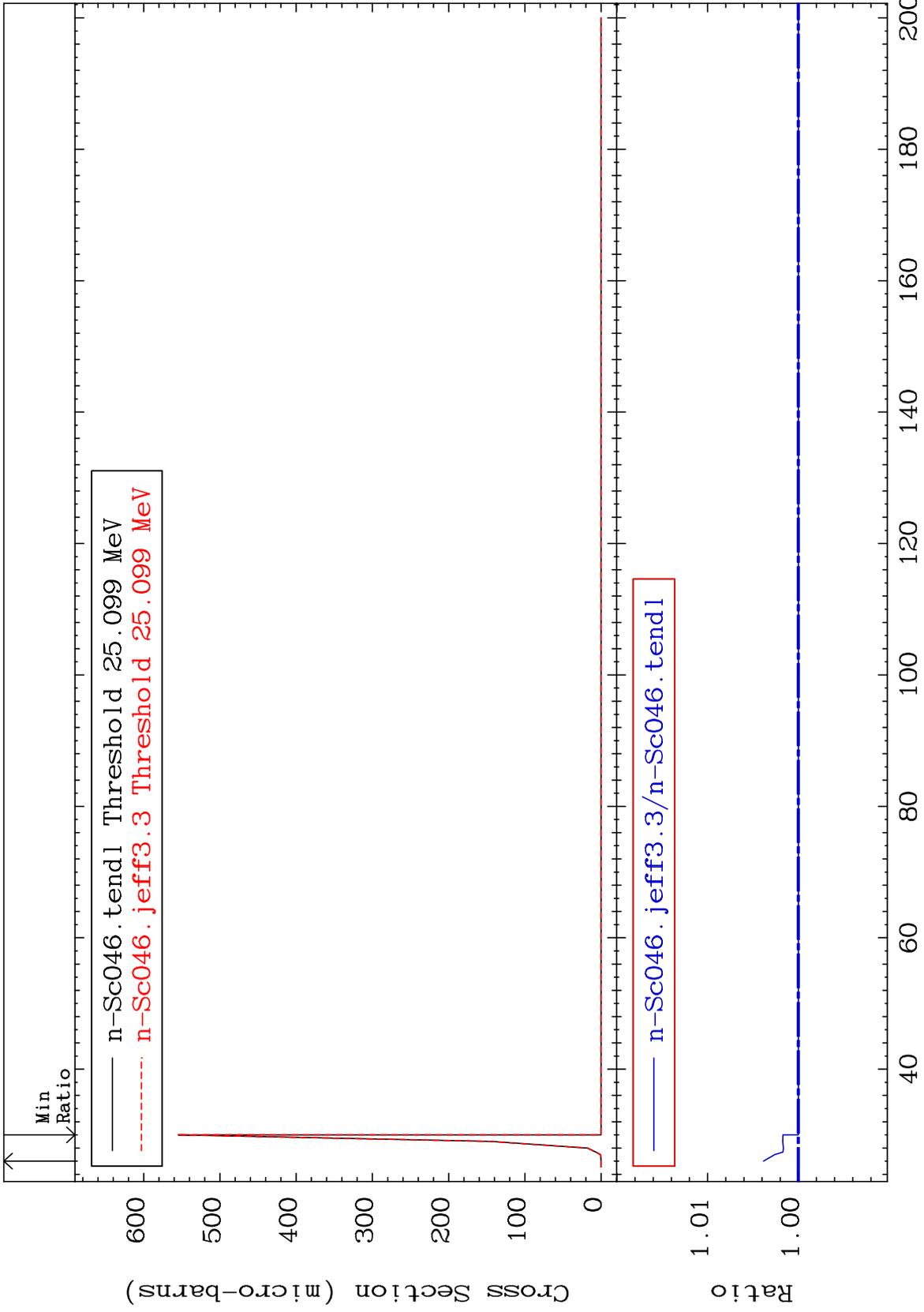
MAT 2128

(n,2n) d

21-Sc-46

Cross Section

0.000 To 0.383 %



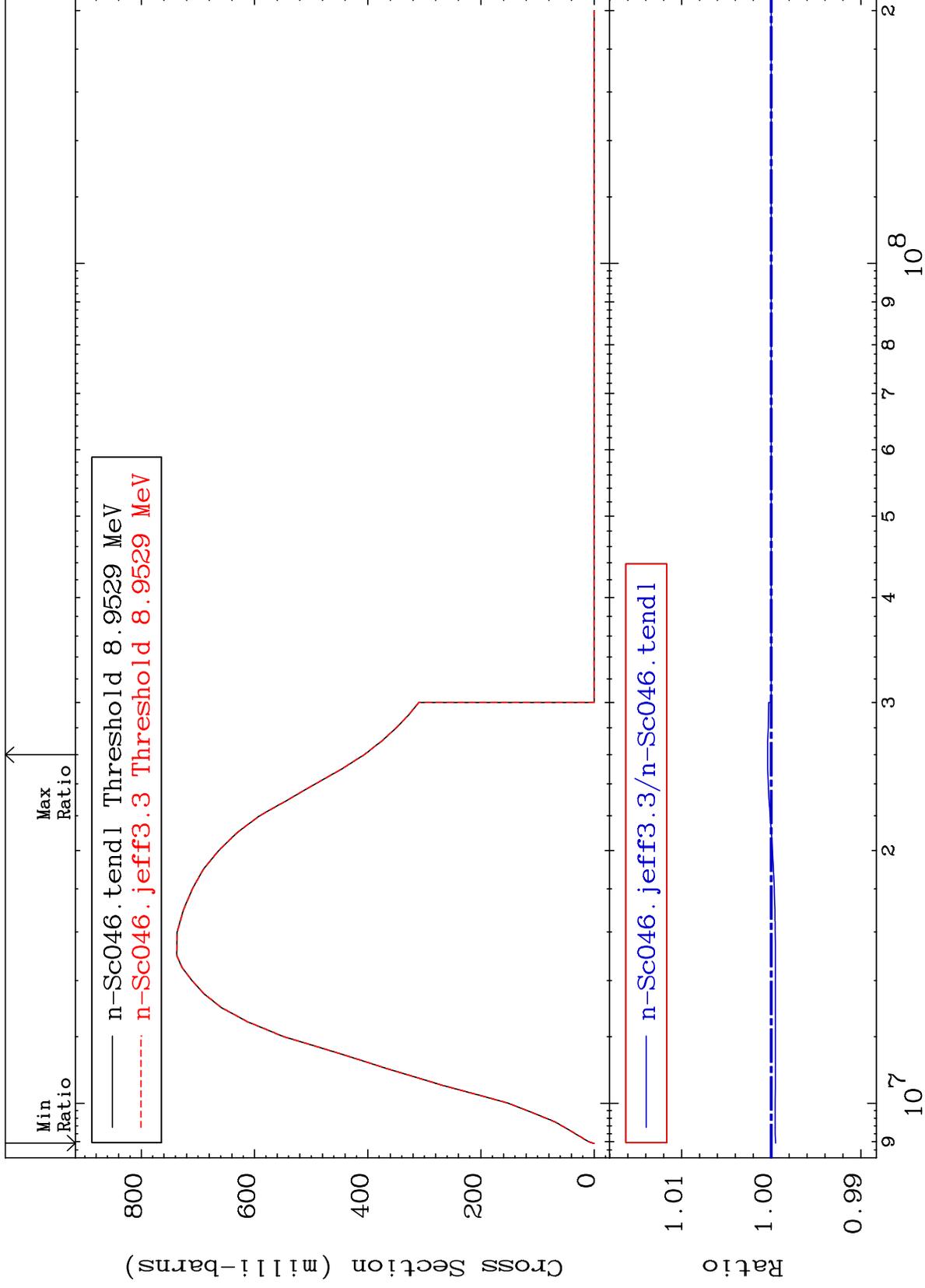
MAT 2128

(n,2n)

21-Sc-46

Cross Section

-0.048 To 0.041 %



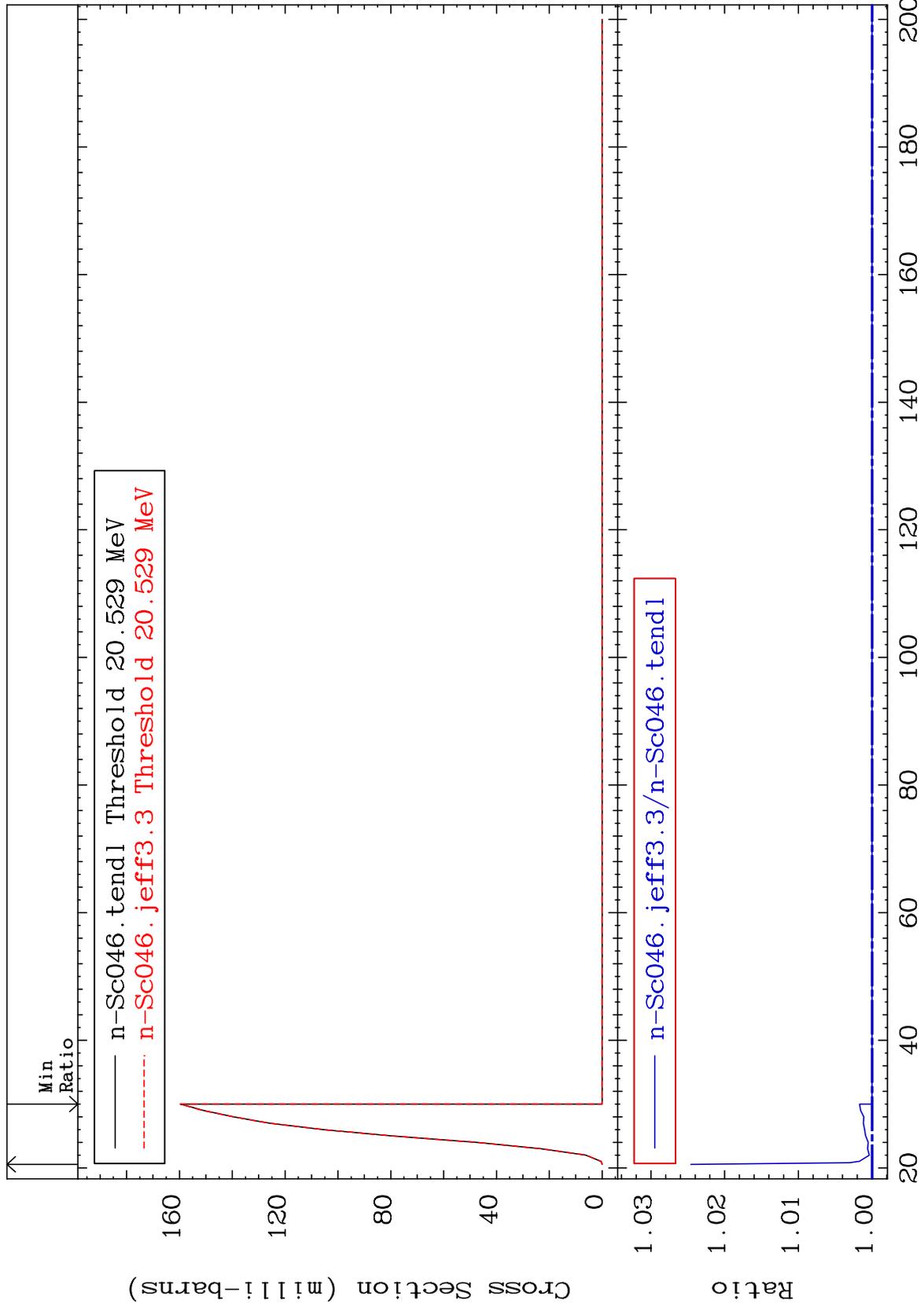
21-Sc-46

21-Sc-46

MAT 2128

(n,3n)  
Cross Section

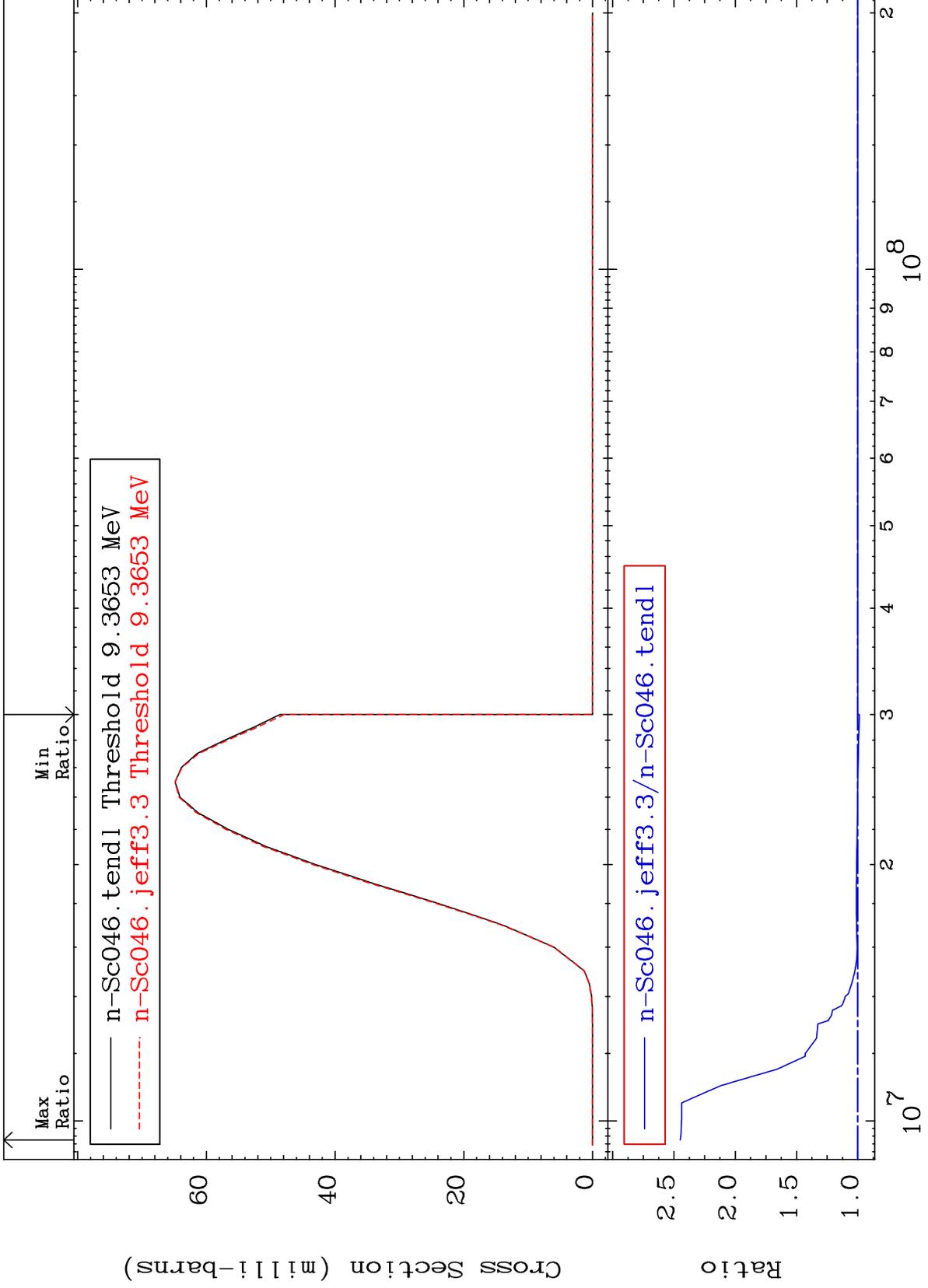
21-Sc-46  
0.000 To 2.458 %



MAT 2128

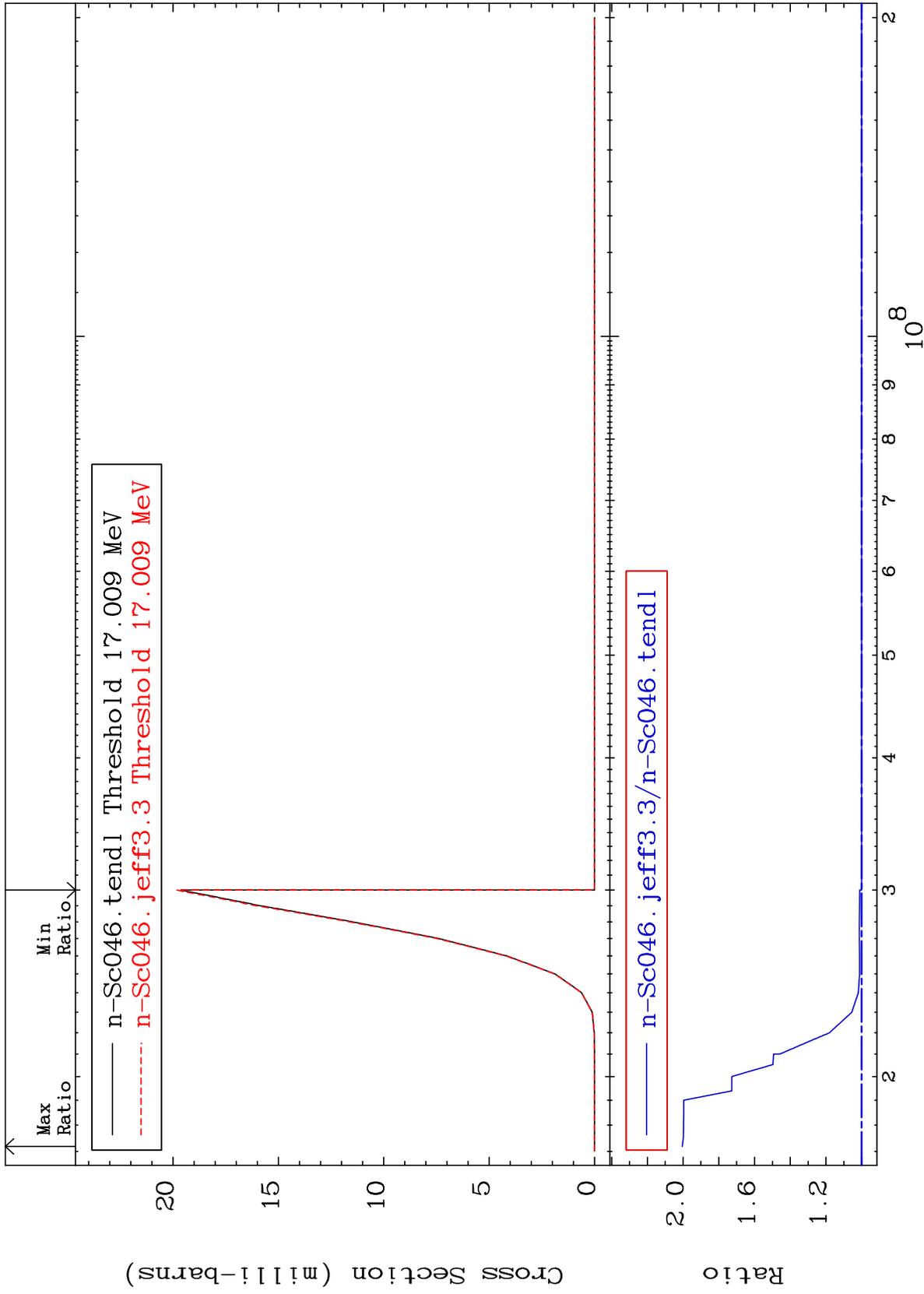
(n,n')  $\alpha$   
Cross Section

21-Sc-46  
-1.330 To 144.9 %



MAT 2128

(n,2n)  $\alpha$  Cross Section  
21-Sc-46 To 100.4 %



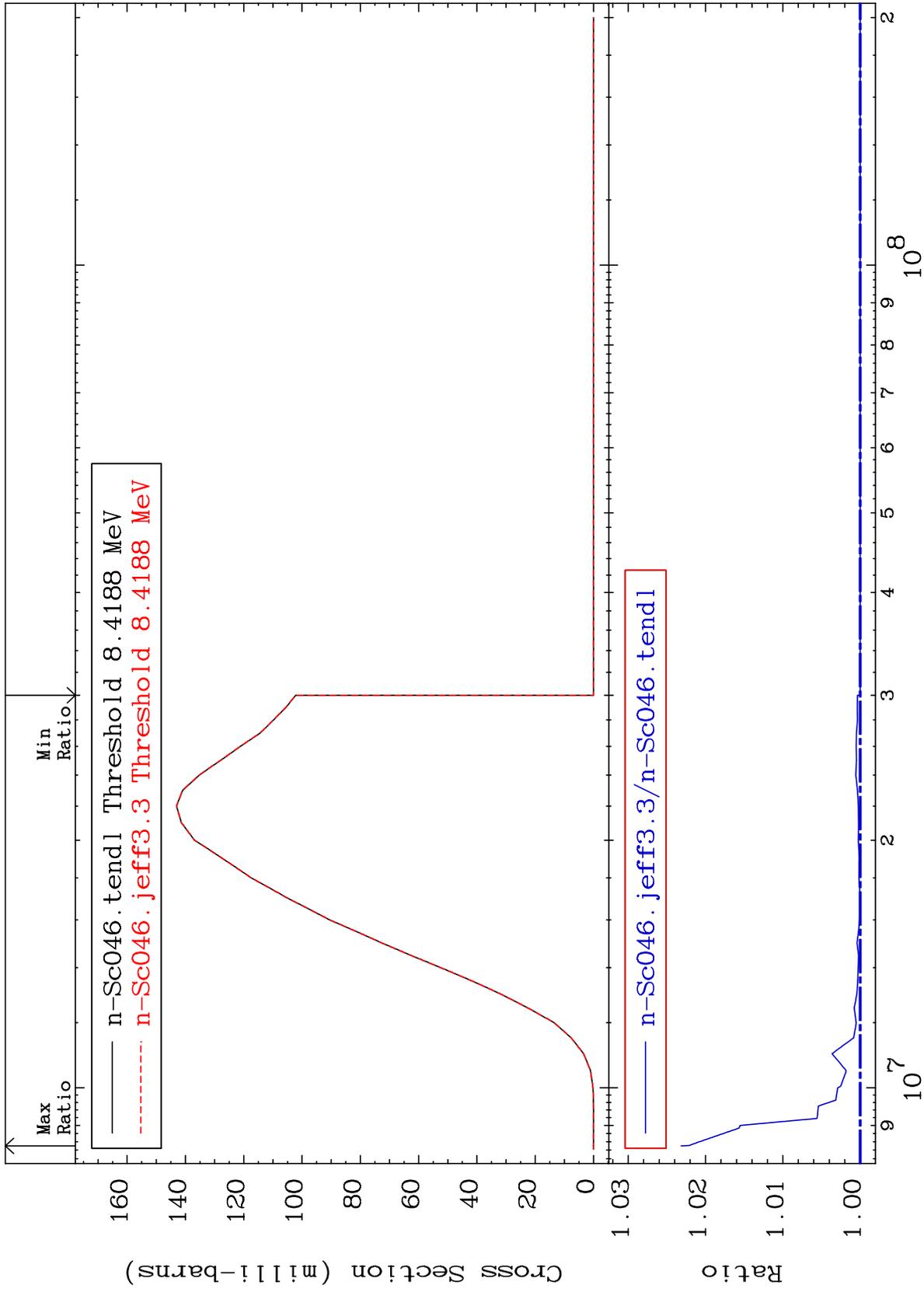
8

21-Sc-46

MAT 2128

(n,n') p  
Cross Section

21-Sc-46  
0.000 To 2.315 %



9

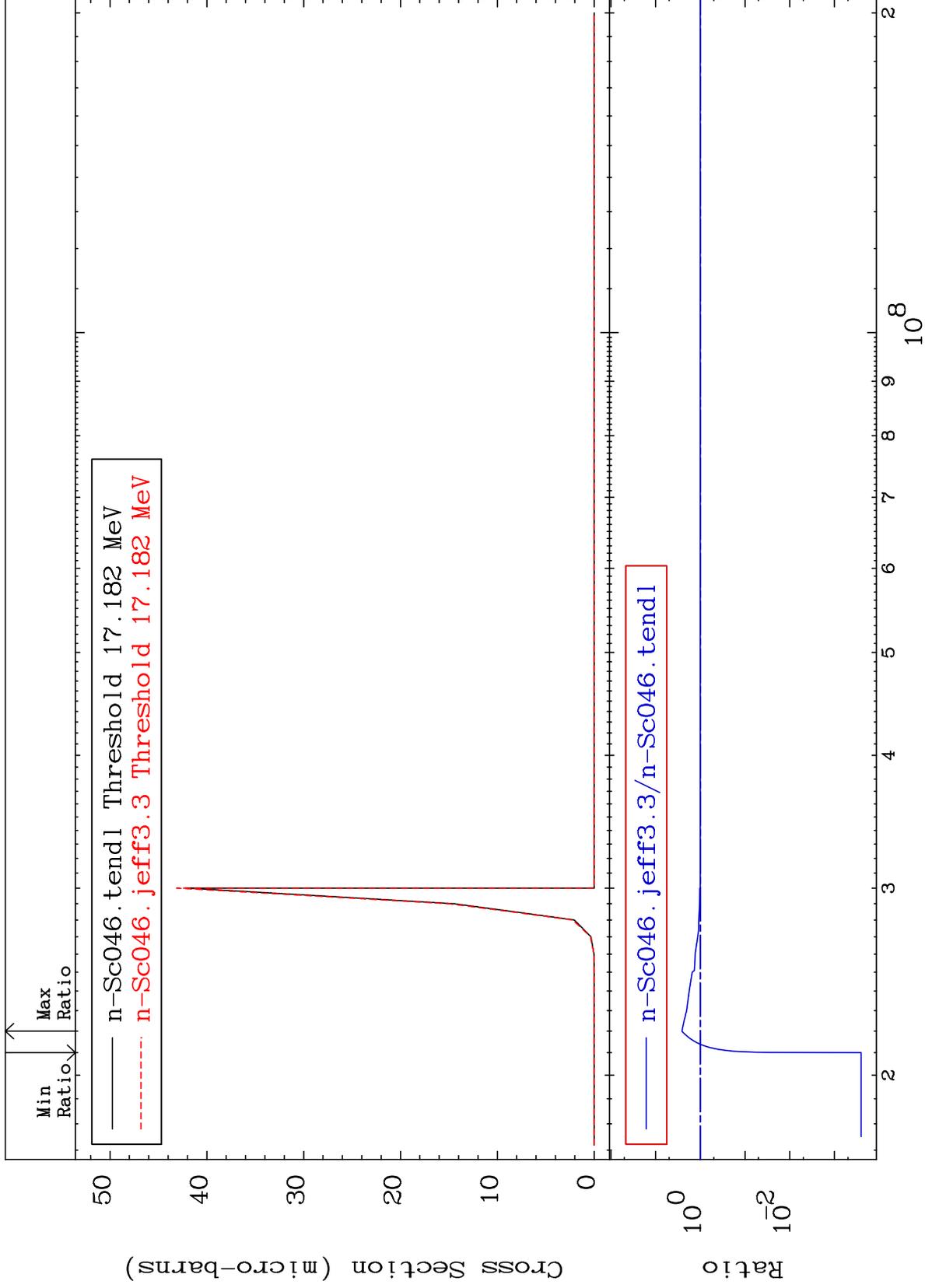
Incident Energy (eV)

21-Sc-46

MAT 2128

(n, n') 2 $\alpha$   
Cross Section

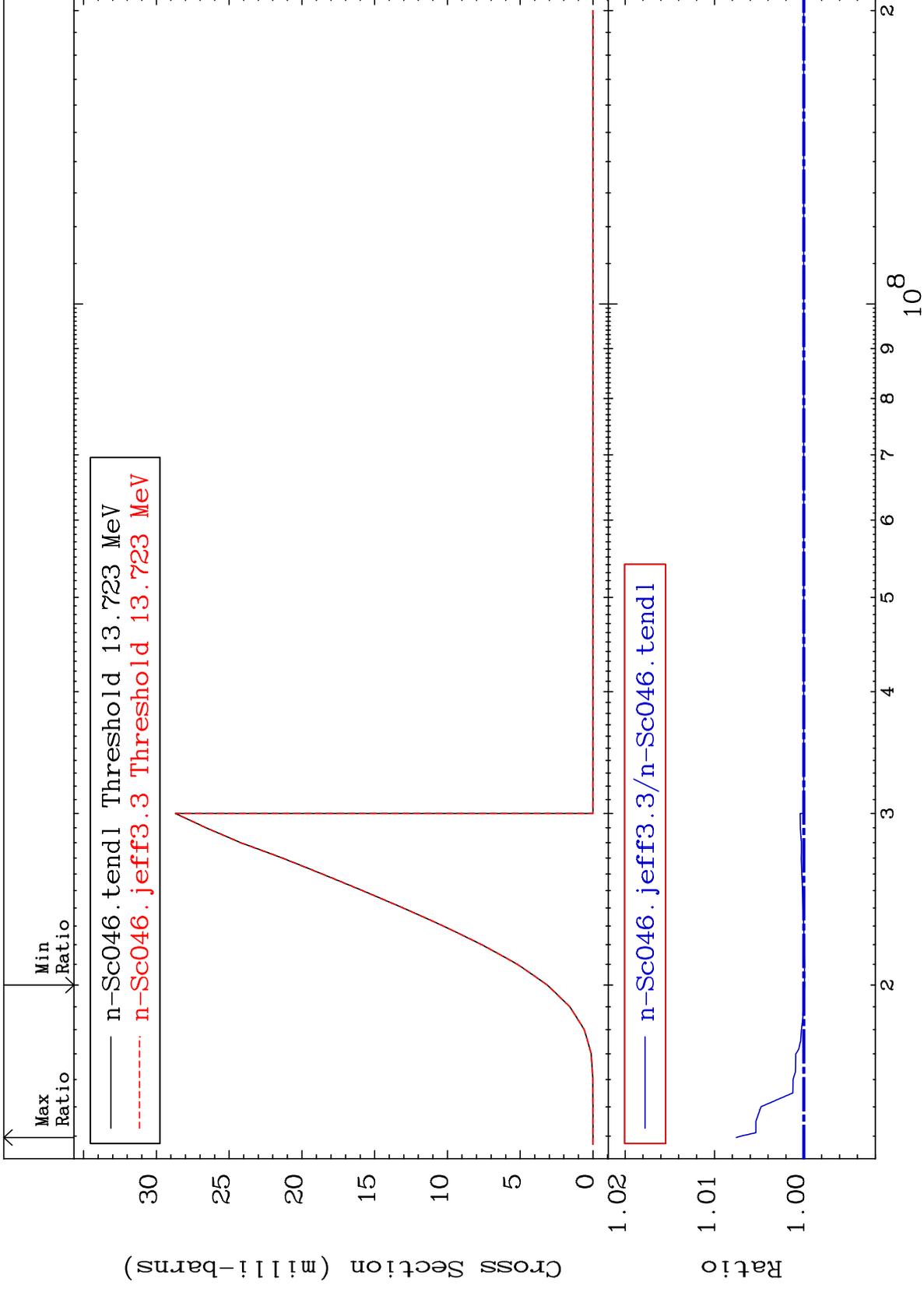
21-Sc-46  
-99.97 To 157.8 %



10

Incident Energy (eV)

21-Sc-46



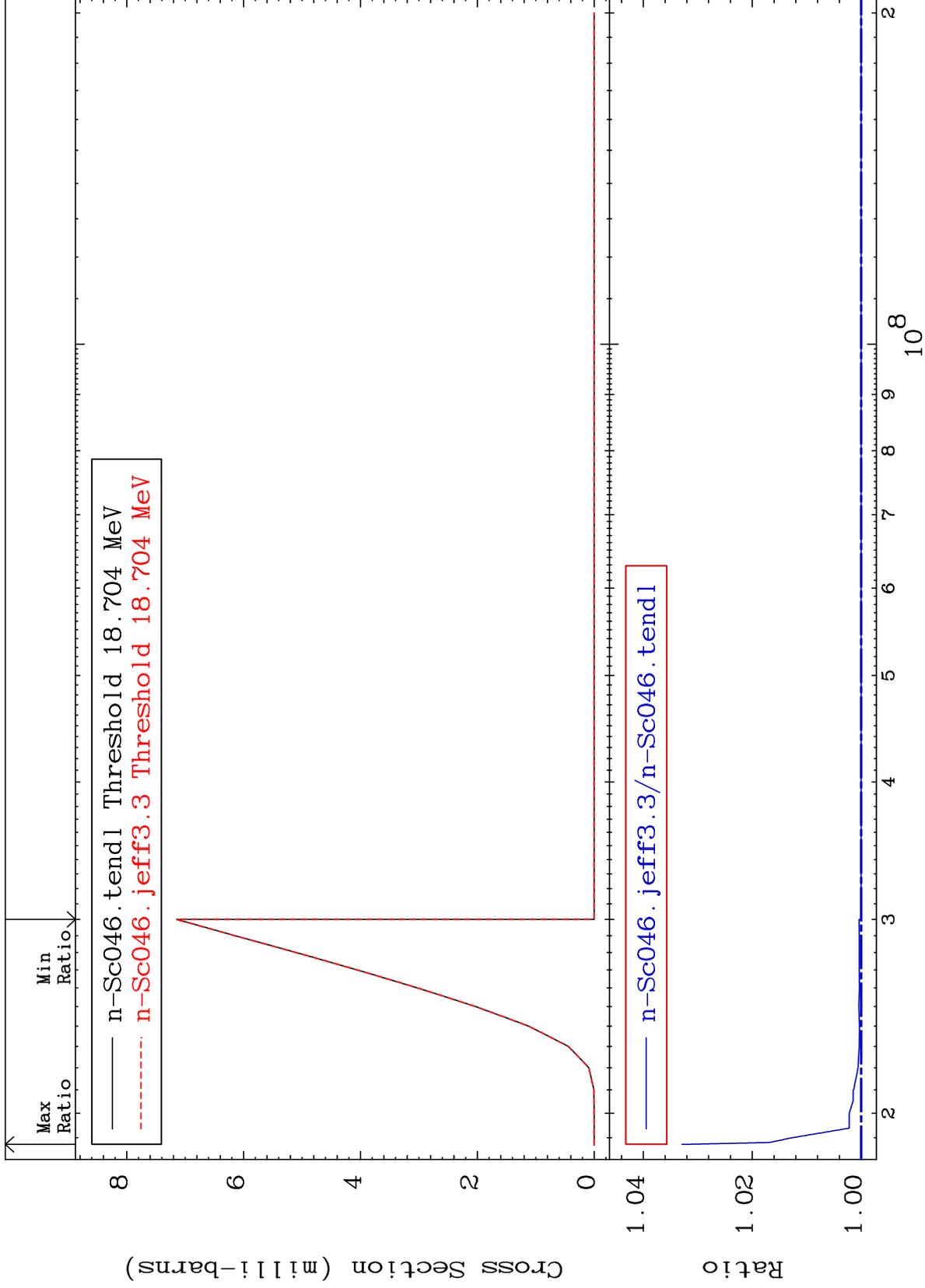
MAT 2128

(n,n') t

21-Sc-46

Cross Section

0.000 To 3.292 %



12

21-Sc-46

21-Sc-46

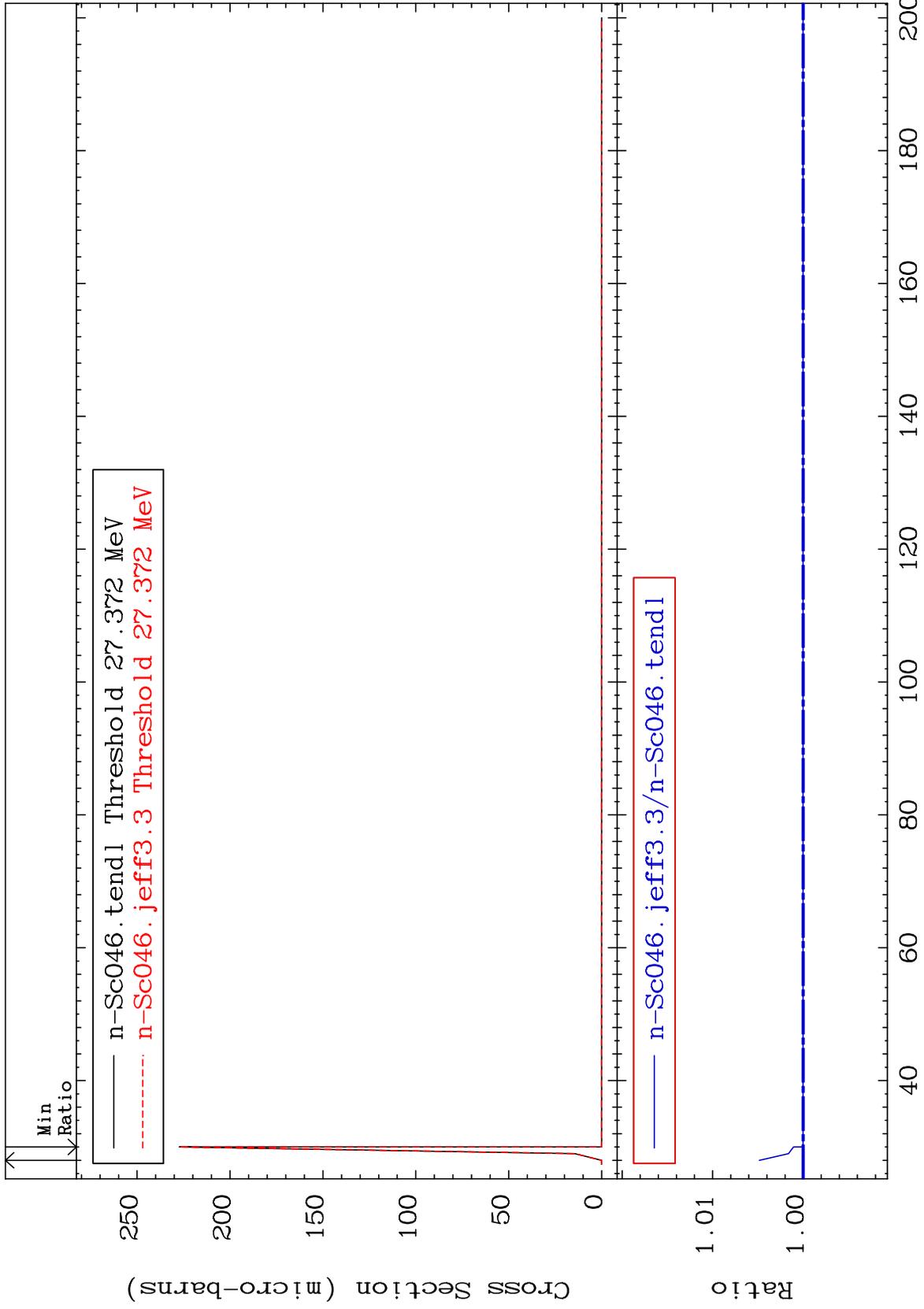




MAT 2128

(n,3n) p  
Cross Section

21-Sc-46  
0.000 To 0.484 %



15

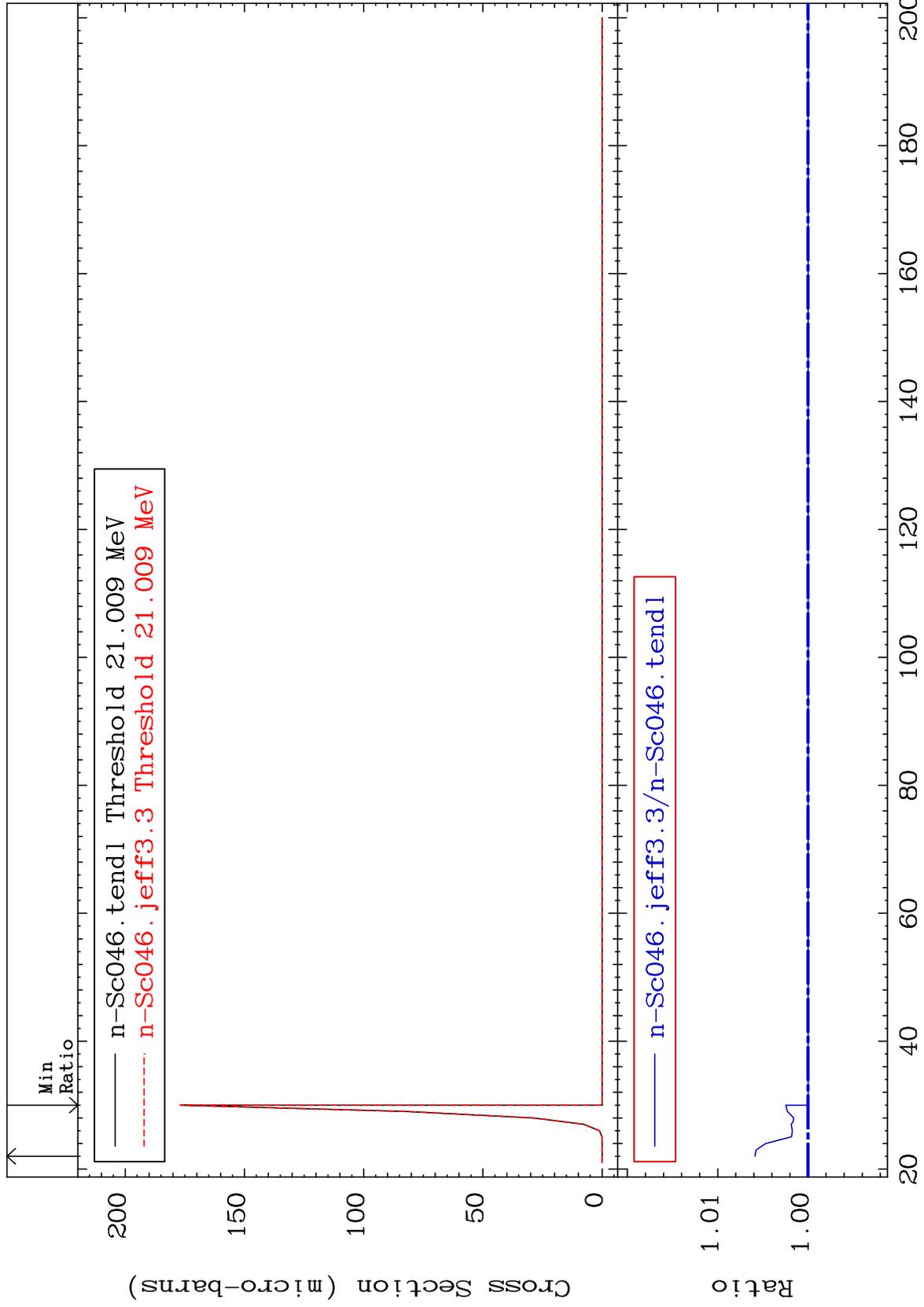
Incident Energy (MeV)

21-Sc-46

MAT 2128

(n,2n) p  
Cross Section

21-Sc-46  
0.000 To 0.589 %



16

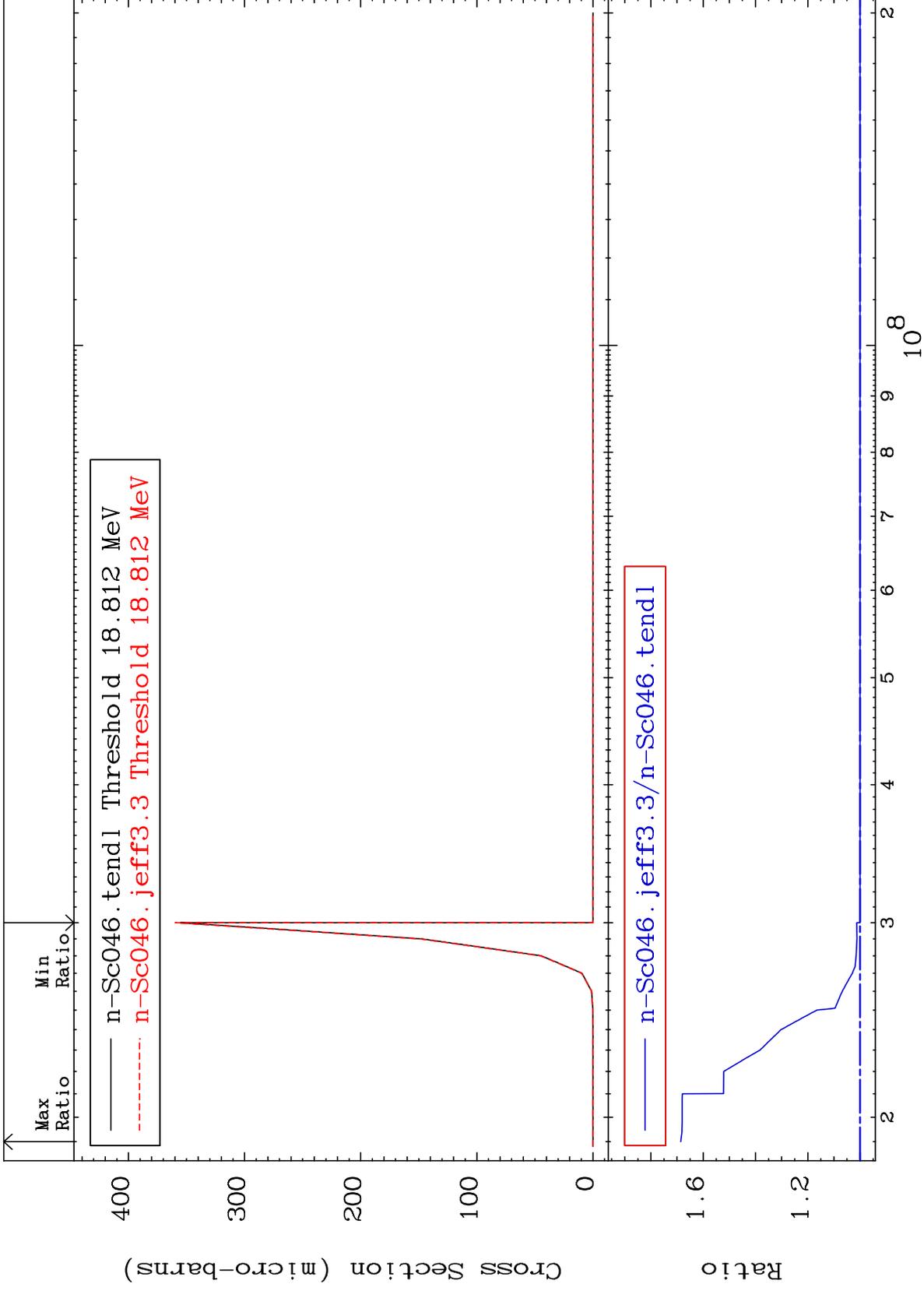
Incident Energy (MeV)

21-Sc-46

MAT 2128

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

21-Sc-46  
0.000 To 68.58 %



17

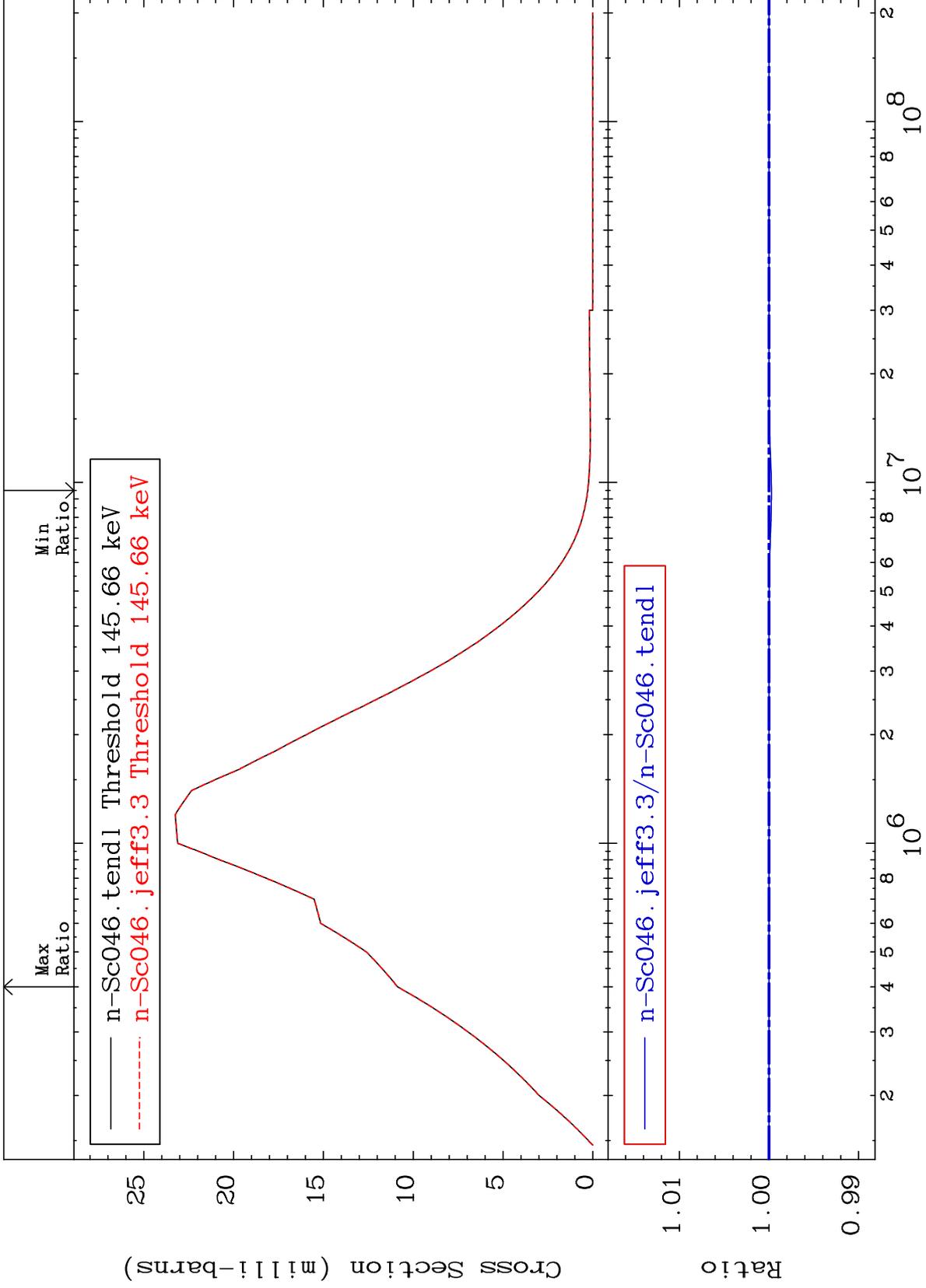
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 52 (n,n') Level  
Cross Section

21-Sc-46  
-0.027 To 0.000 %



18

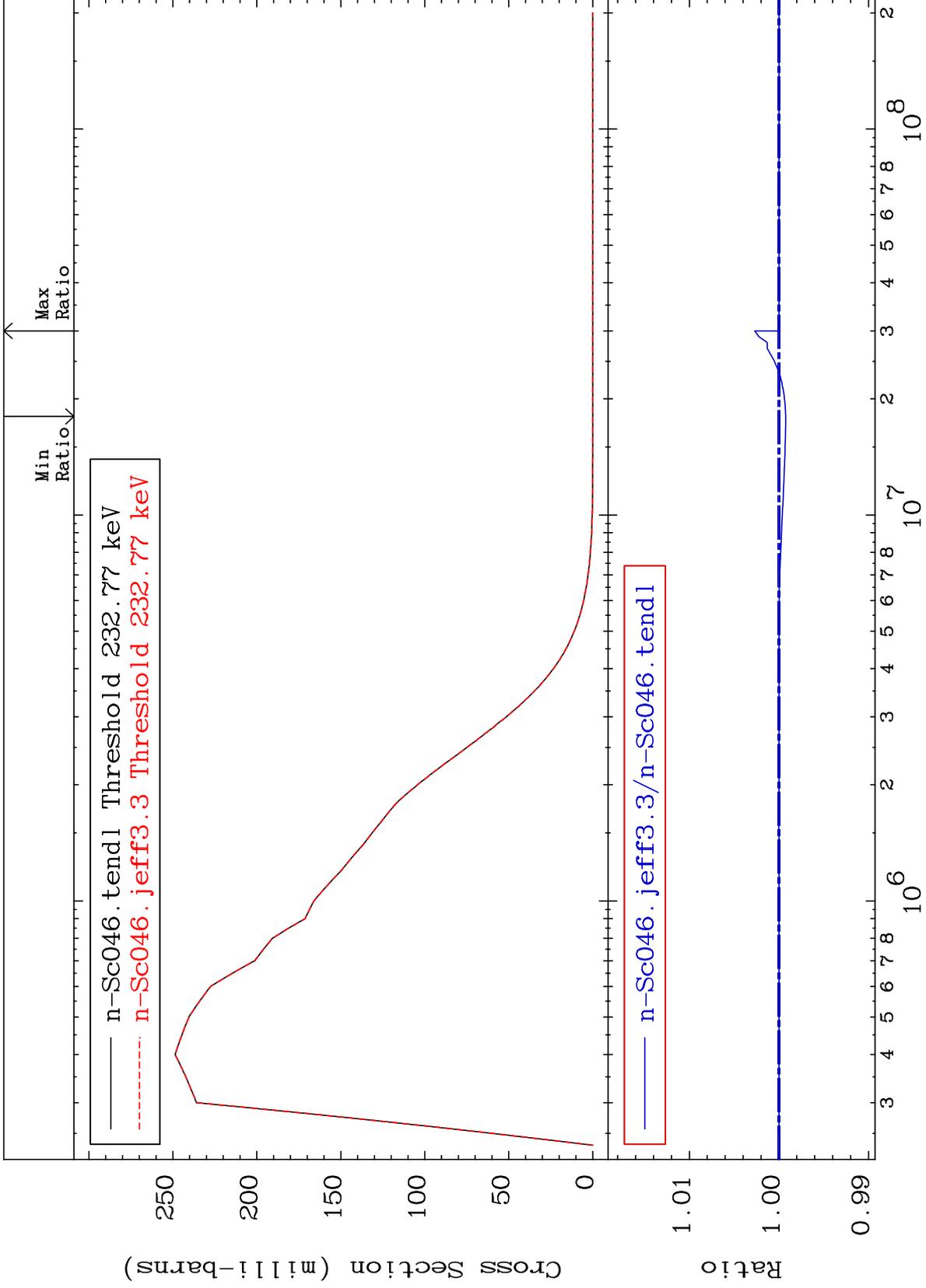
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 53 (n,n') Level  
Cross Section

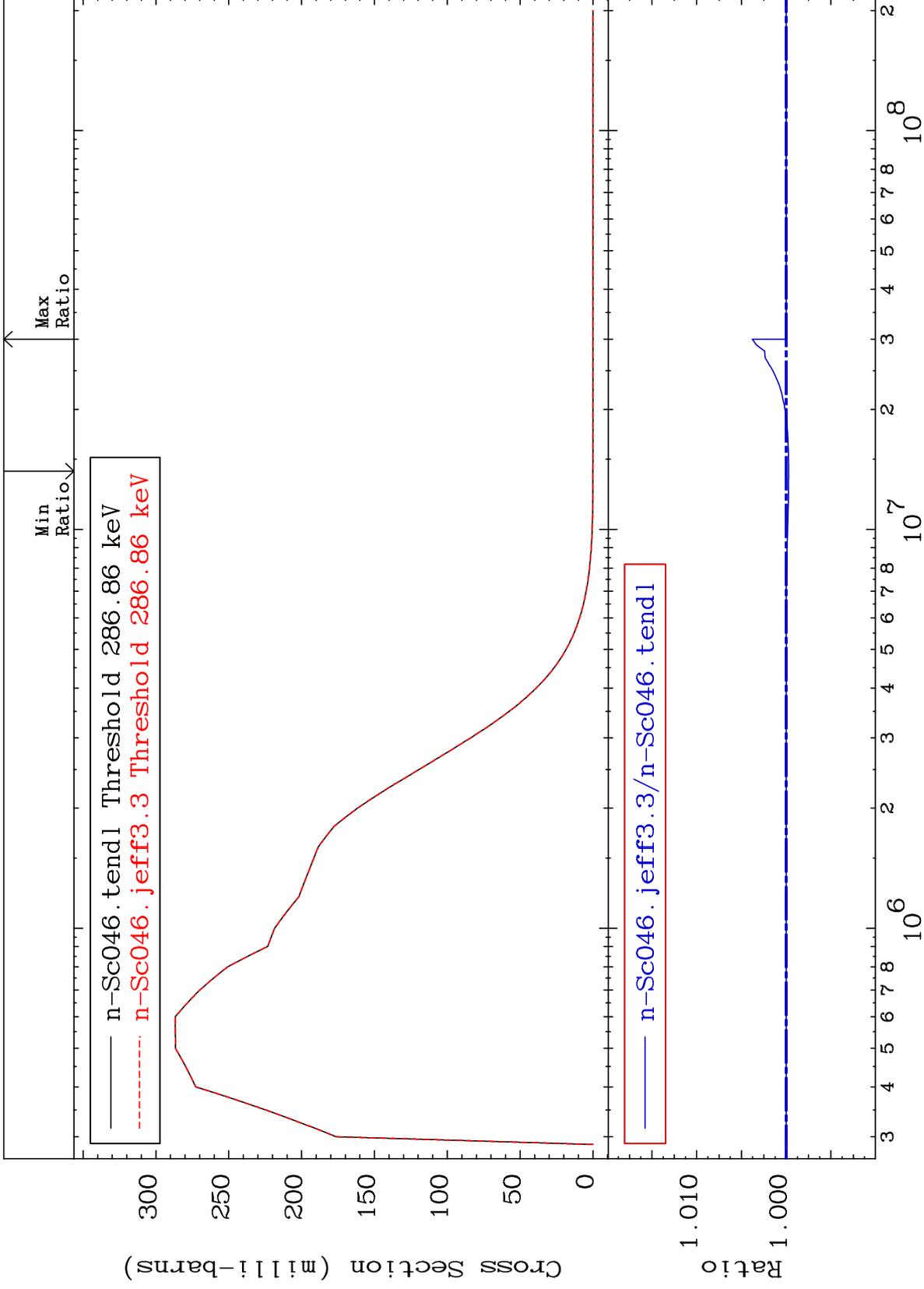
21-Sc-46  
-0.075 To 0.271 %



MAT 2128

MT= 54 (n,n') Level  
Cross Section

21-Sc-46  
-0.028 To 0.380 %



20

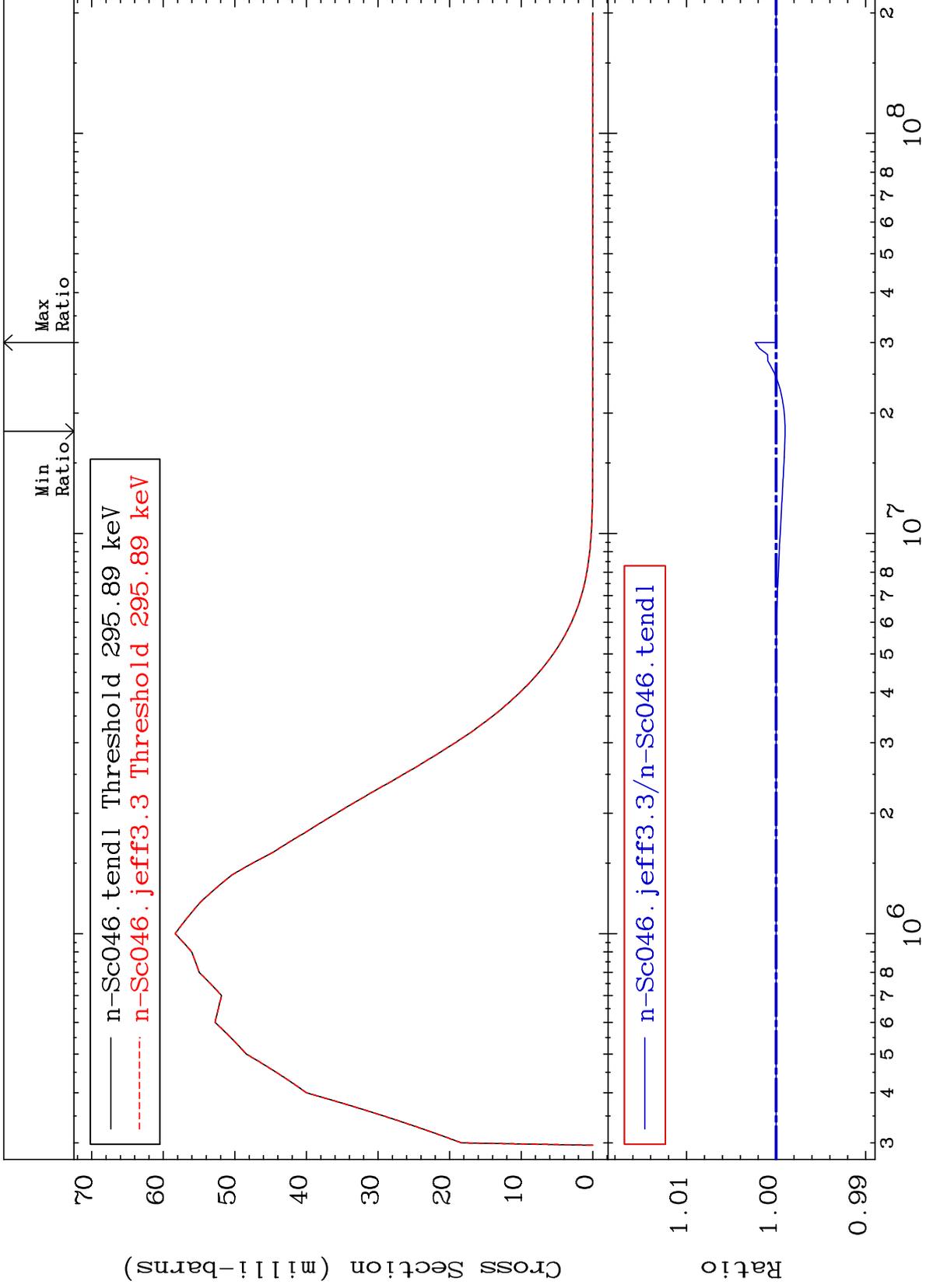
Incident Energy (eV)

21-Sc-46

MAT 2128

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

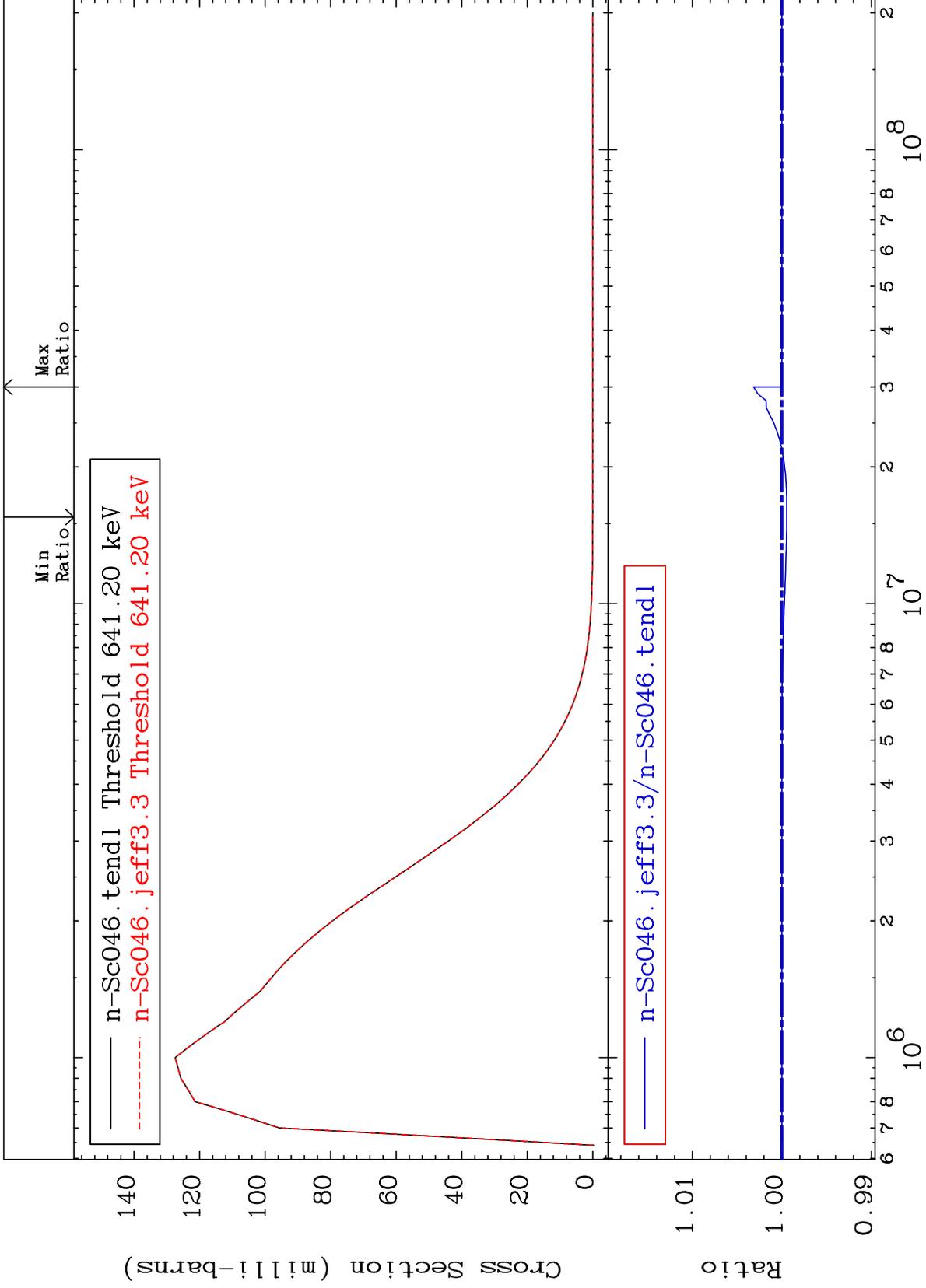
21-Sc-46  
-0.100 To 0.233 %



MAT 2128

MT= 58 (n,n') Level  
Cross Section

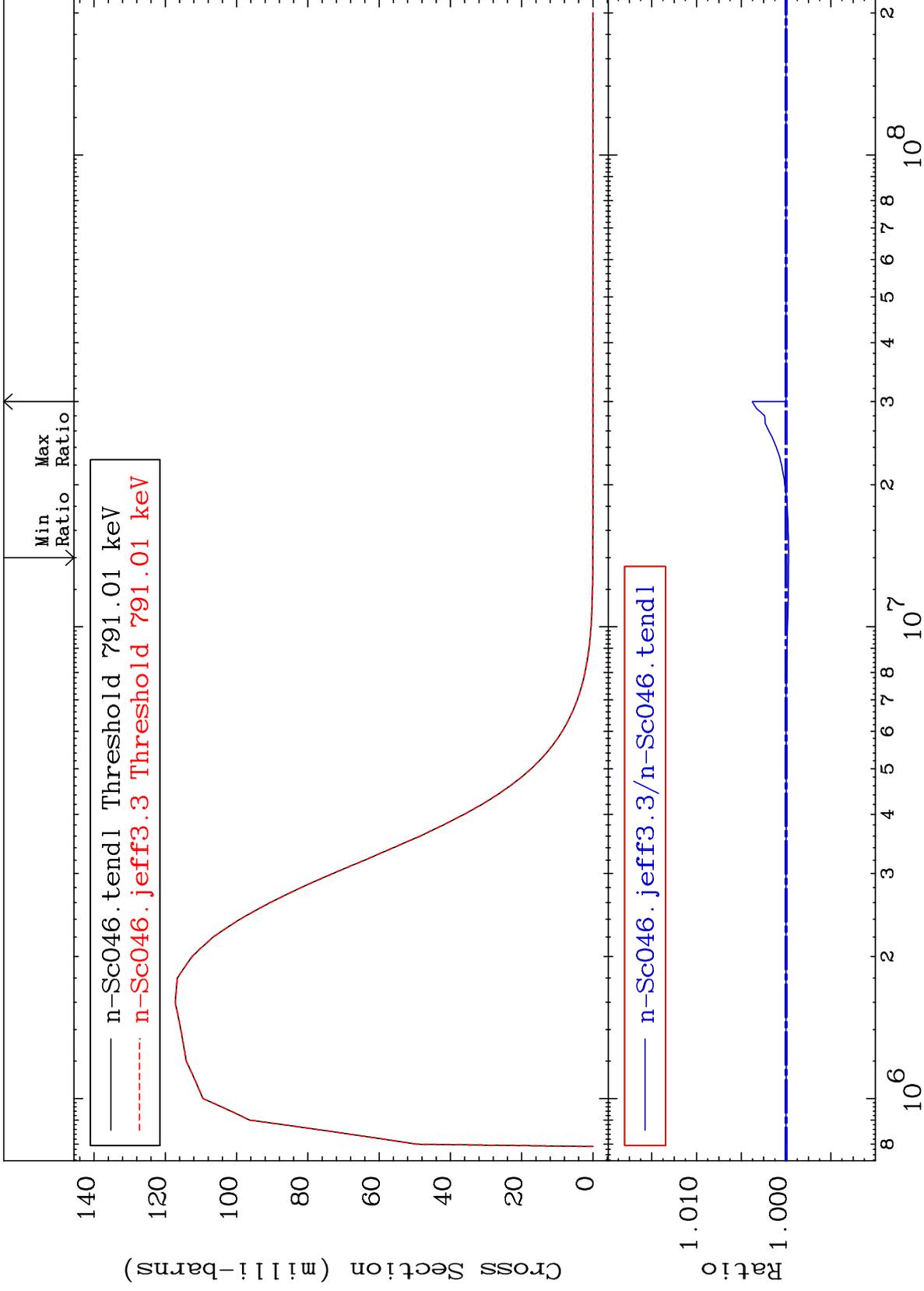
21-Sc-46  
-0.054 To 0.317 %



MAT 2128

MT= 59 (n,n') Level  
Cross Section

21-Sc-46  
-0.029 To 0.378 %



23

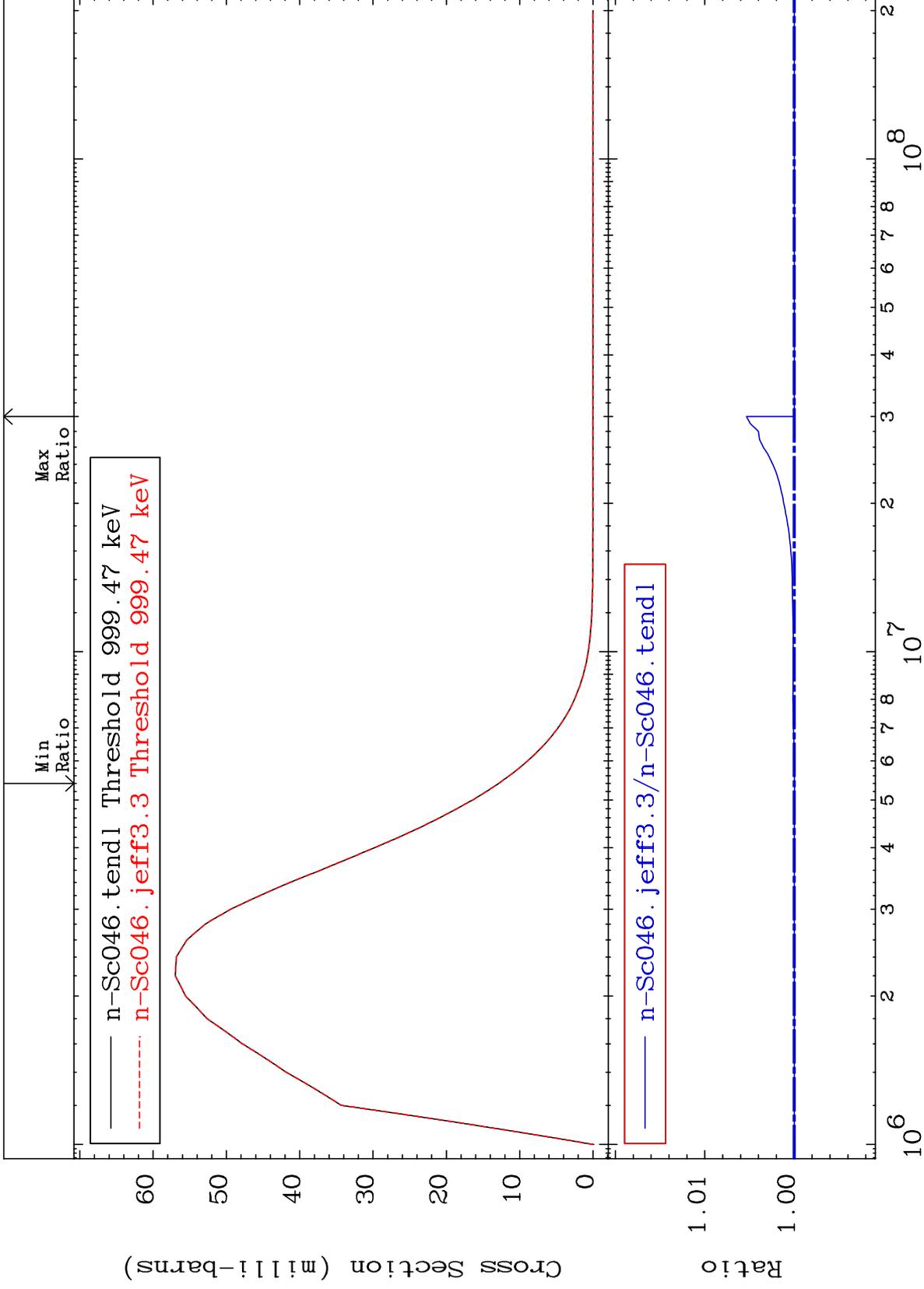
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 61 (n,n') Level  
Cross Section

21-Sc-46  
-0.002 To 0.535 %



24

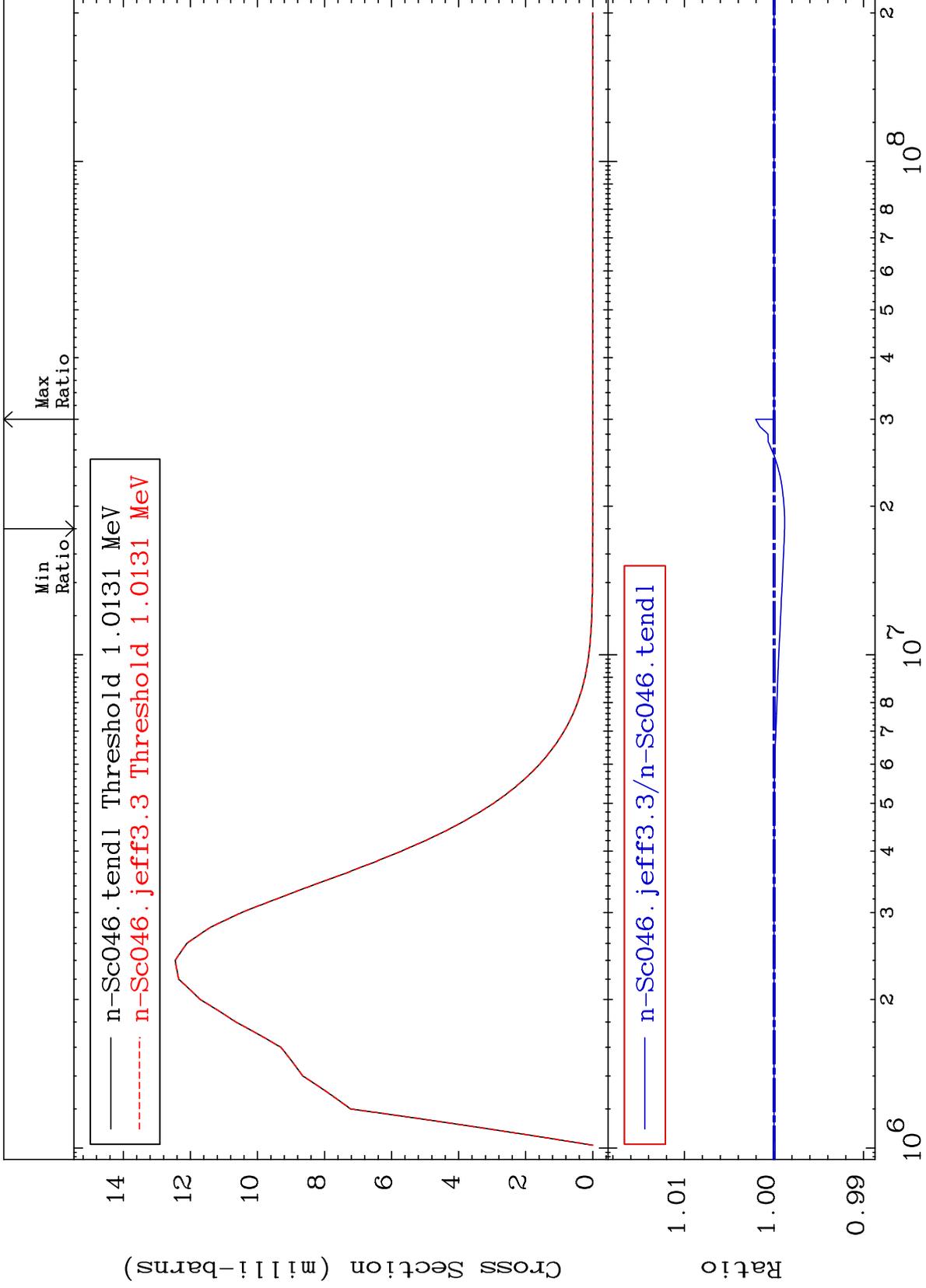
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 62 (n, n') Level  
Cross Section

21-Sc-46  
-0.118 To 0.205 %



25

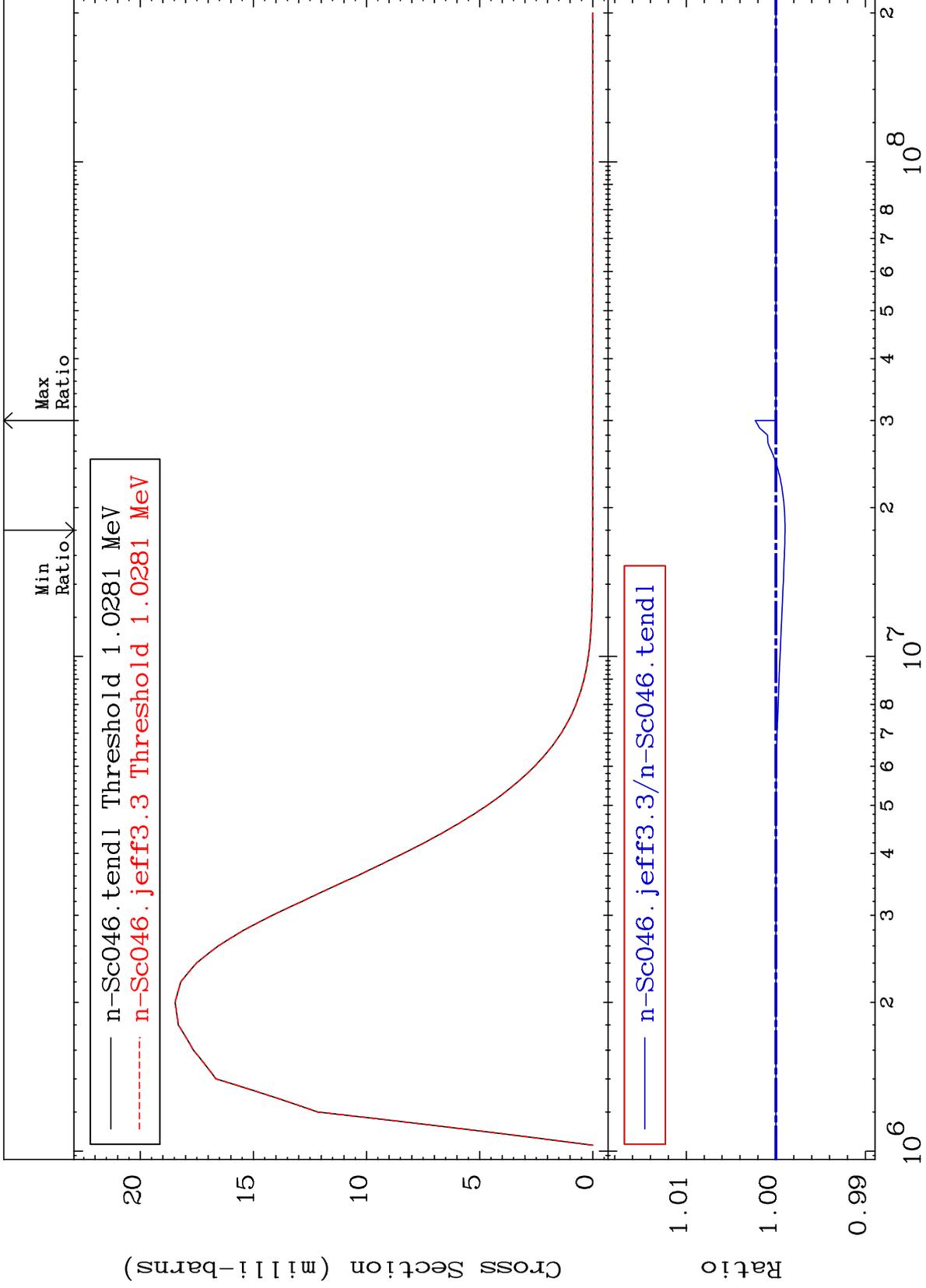
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 63 (n, n') Level  
Cross Section

21-Sc-46  
-0.103 To 0.230 %



26

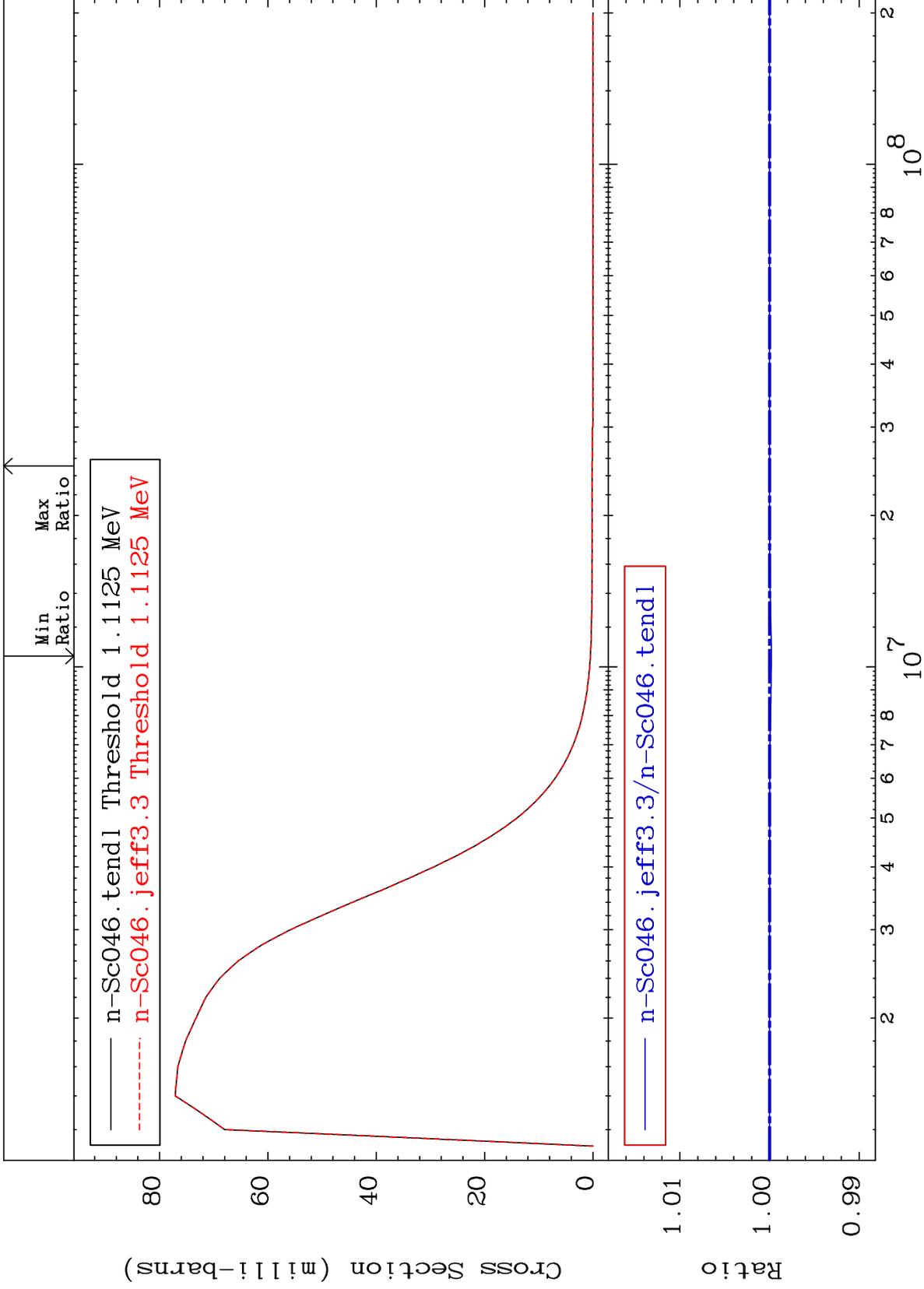
Incident Energy (eV)

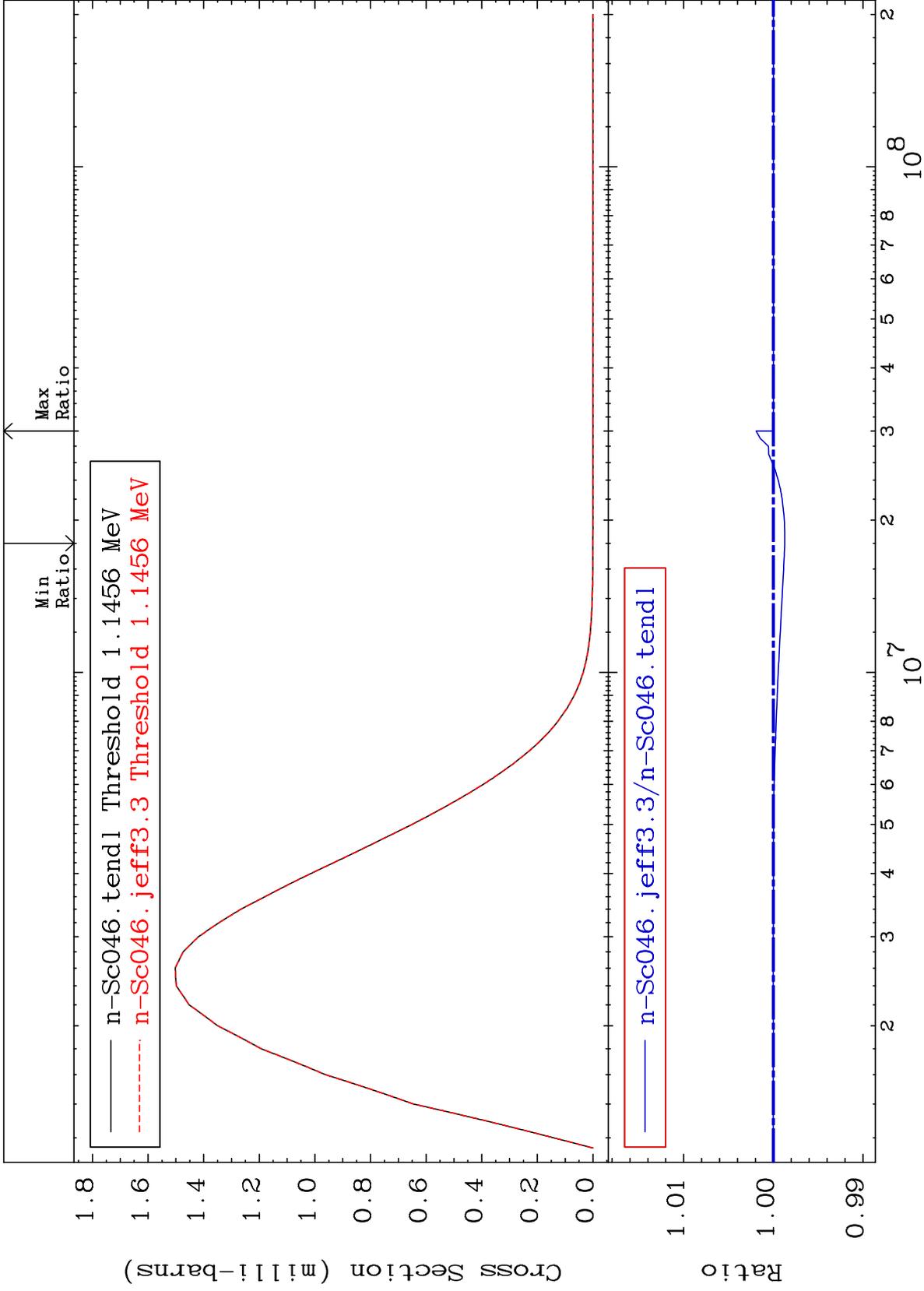
21-Sc-46

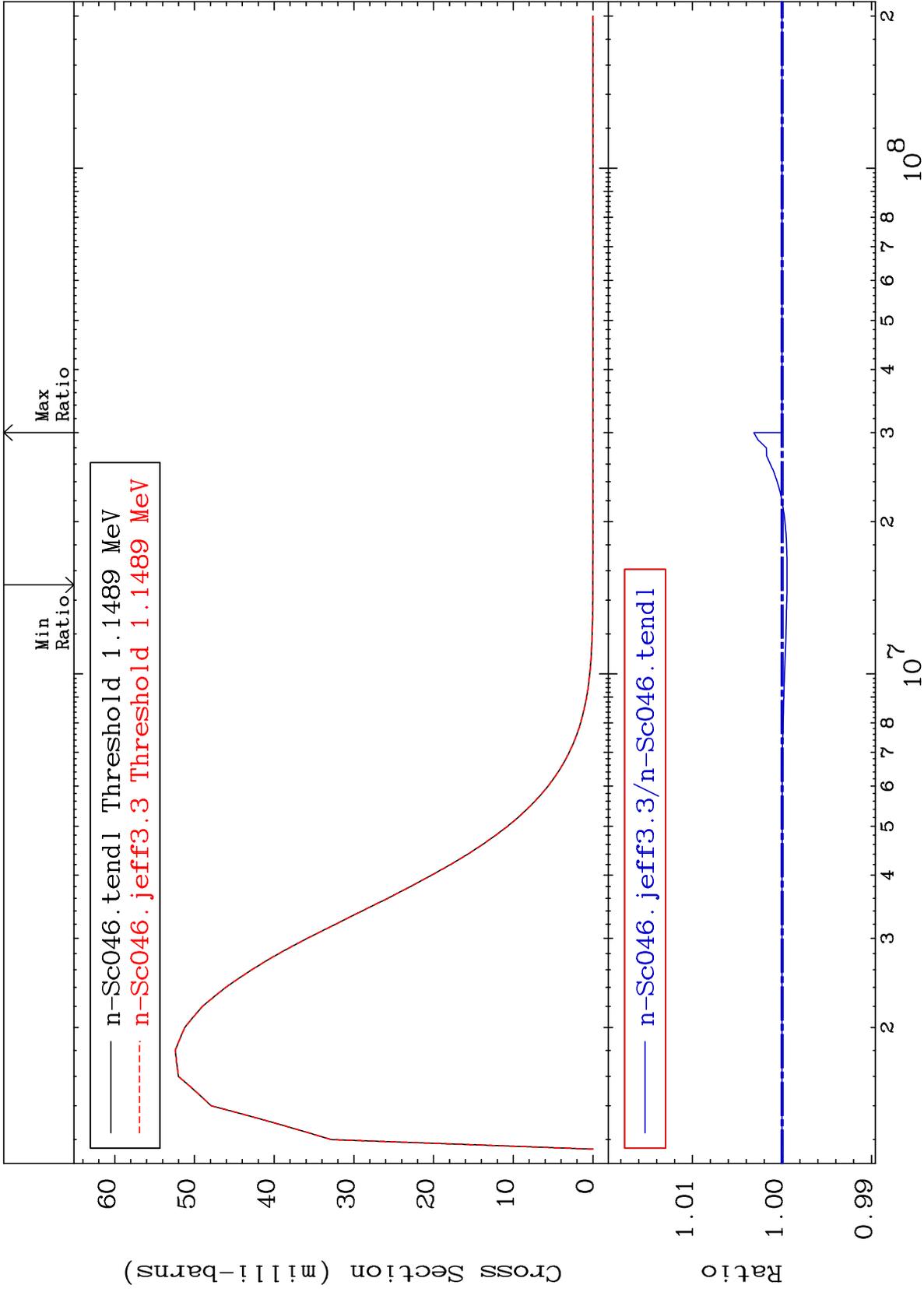
MAT 2128

MT= 64 (n,n') Level  
Cross Section

21-Sc-46  
-0.020 To 0.000 %



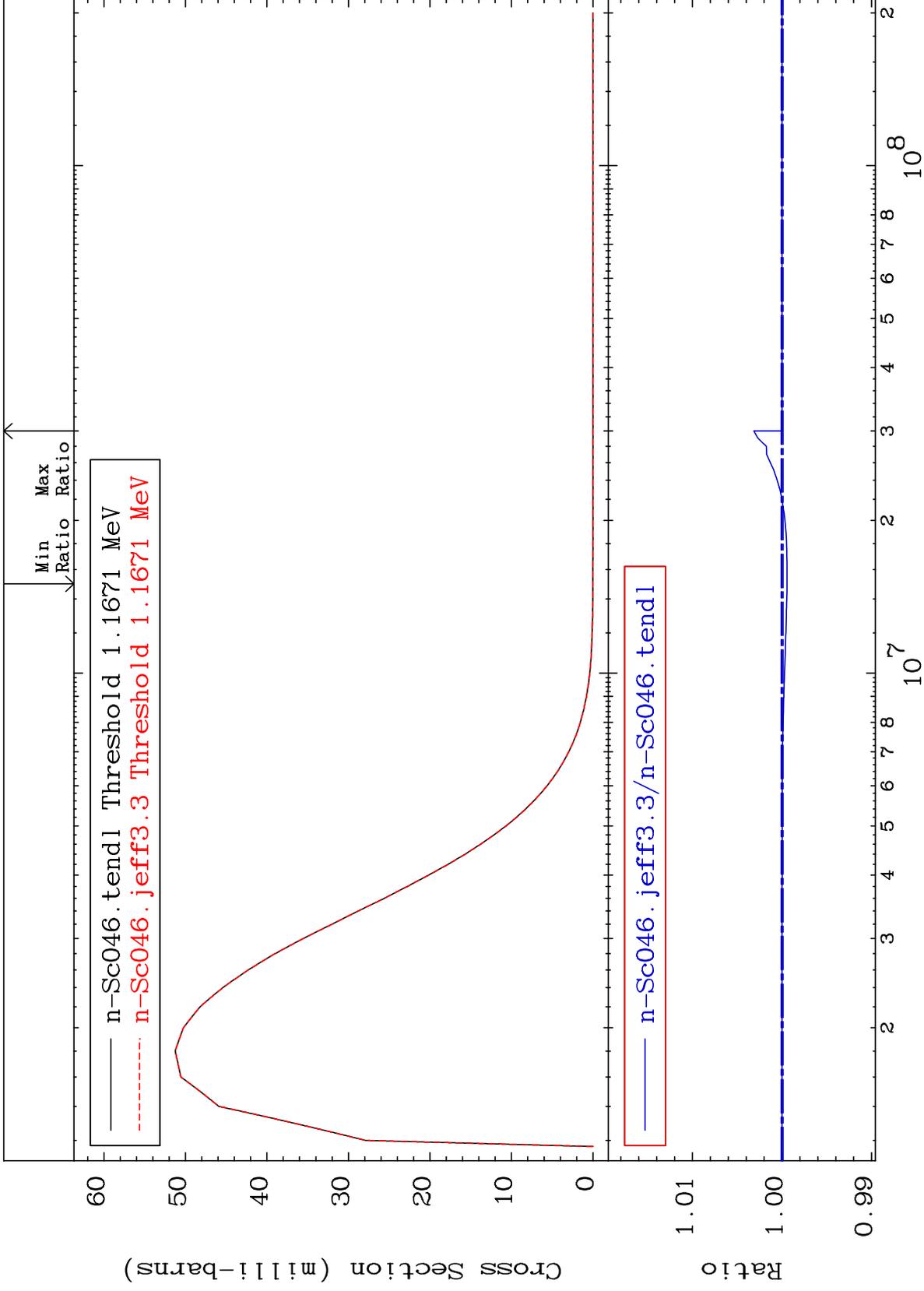




MAT 2128

MT= 67 (n, n') Level  
Cross Section

21-Sc-46  
-0.056 To 0.315 %



30

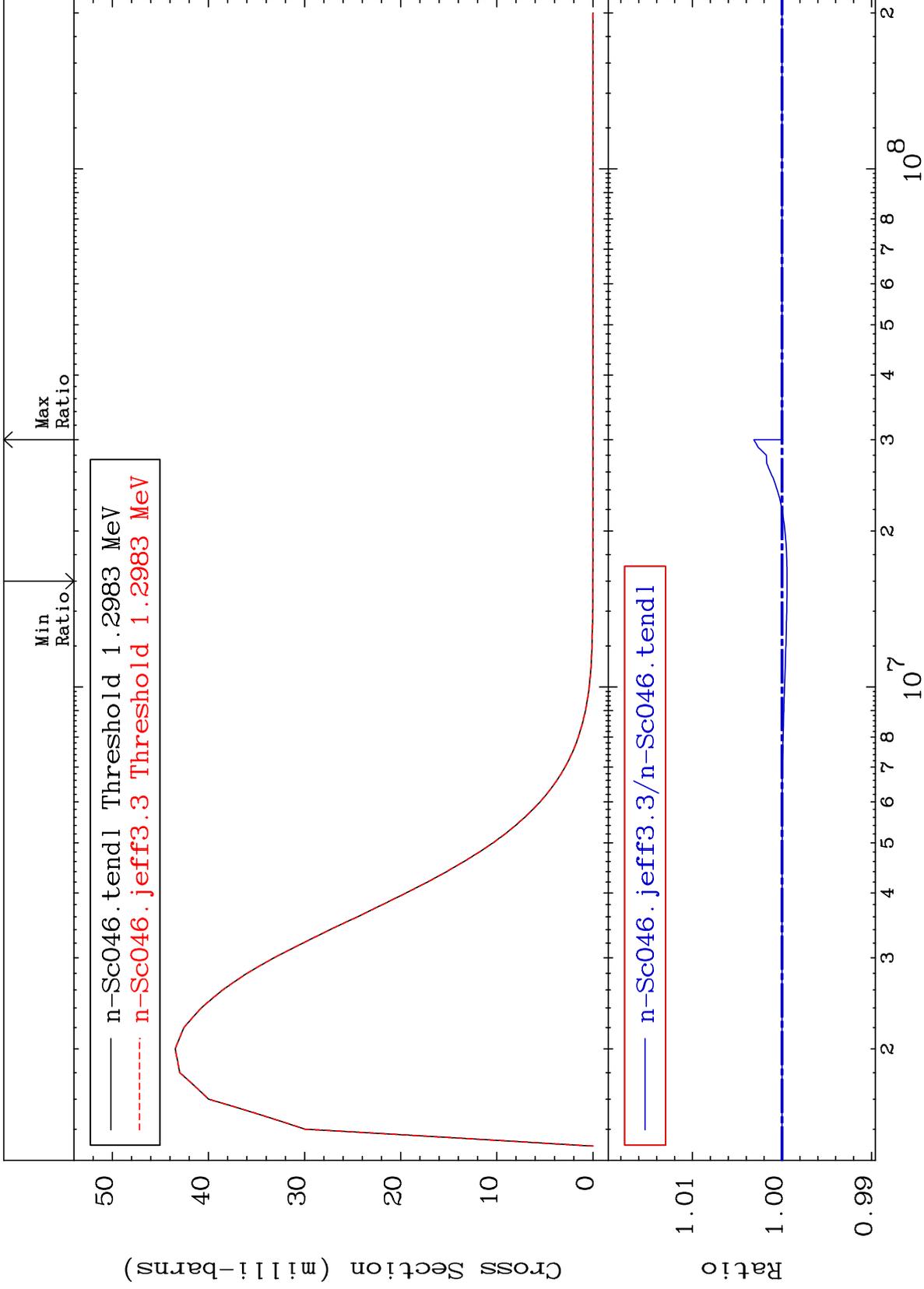
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 68 (n,n') Level  
Cross Section

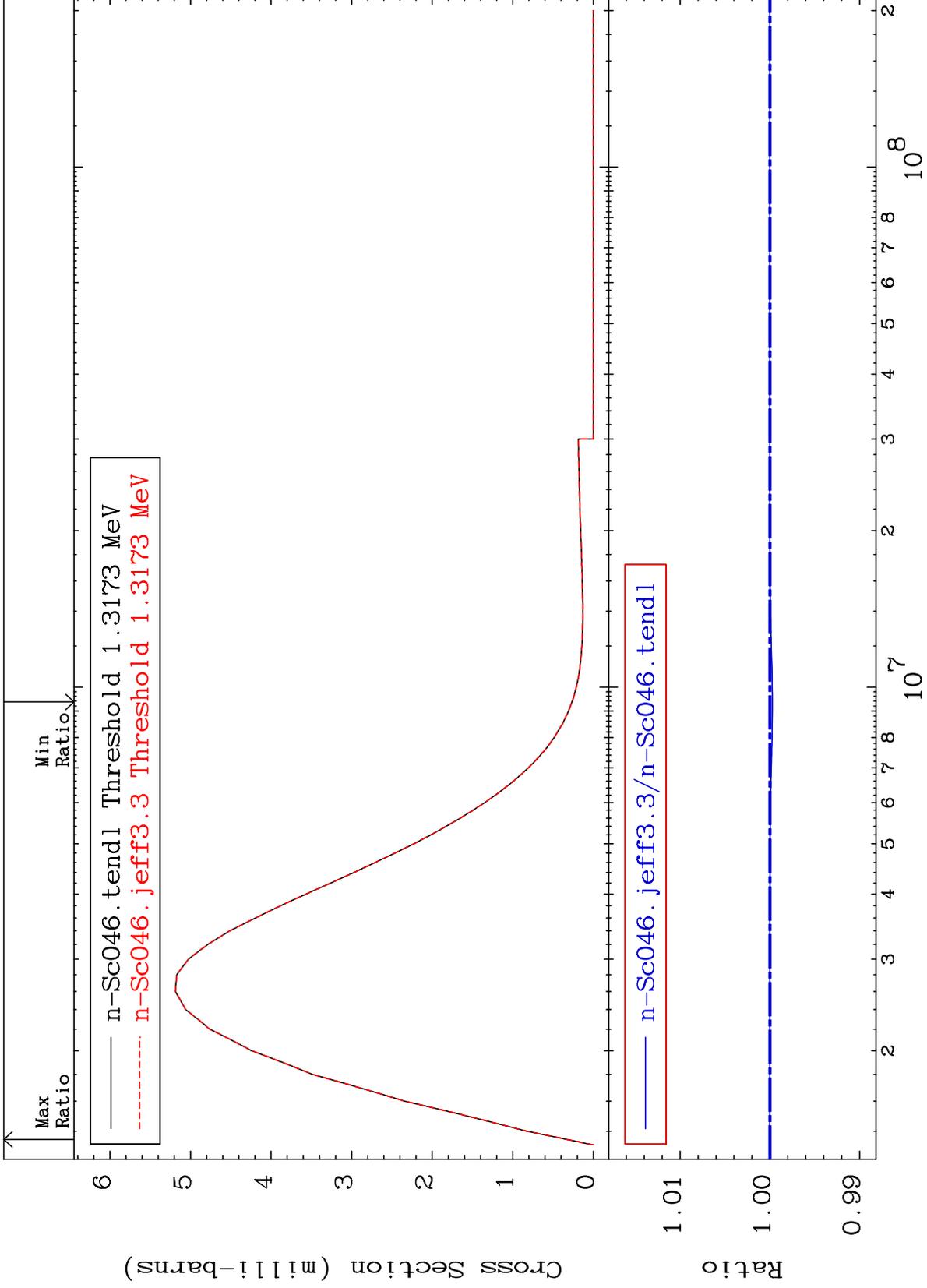
21-Sc-46  
-0.055 To 0.314 %

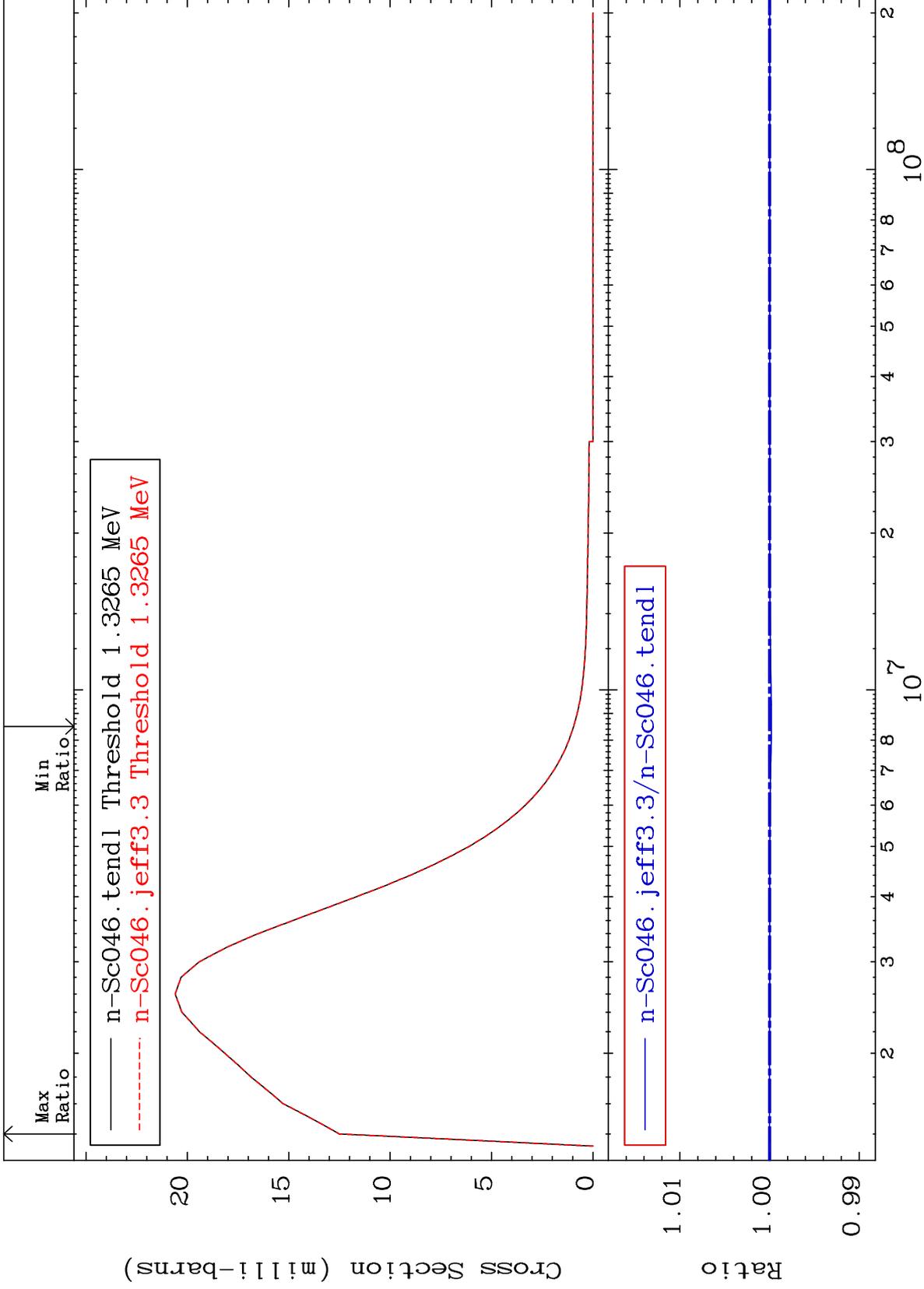


MAT 2128

MT= 69 (n,n') Level  
Cross Section

21-Sc-46  
-0.027 To 0.002 %

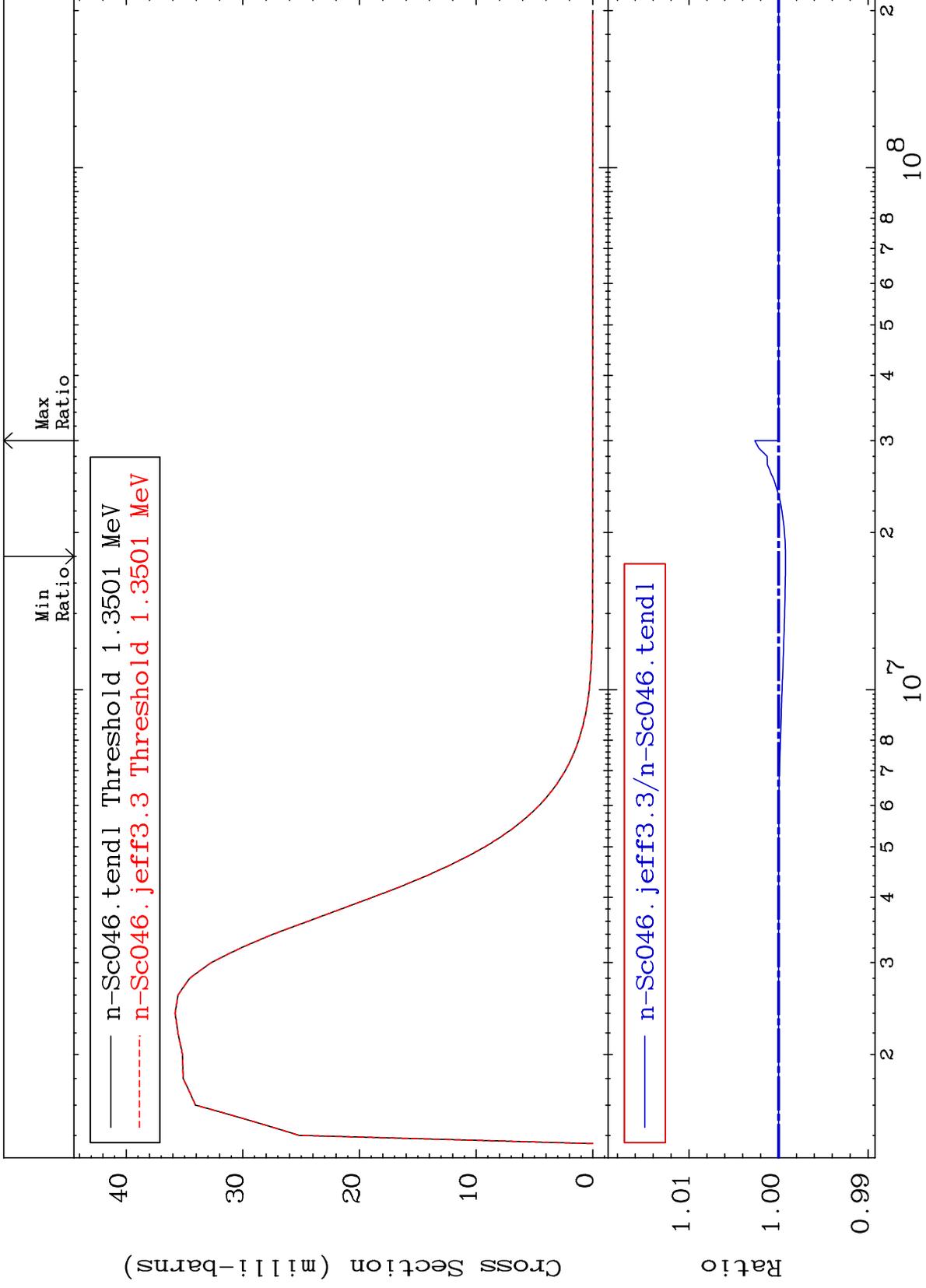




MAT 2128

MT= 71 (n,n') Level  
Cross Section

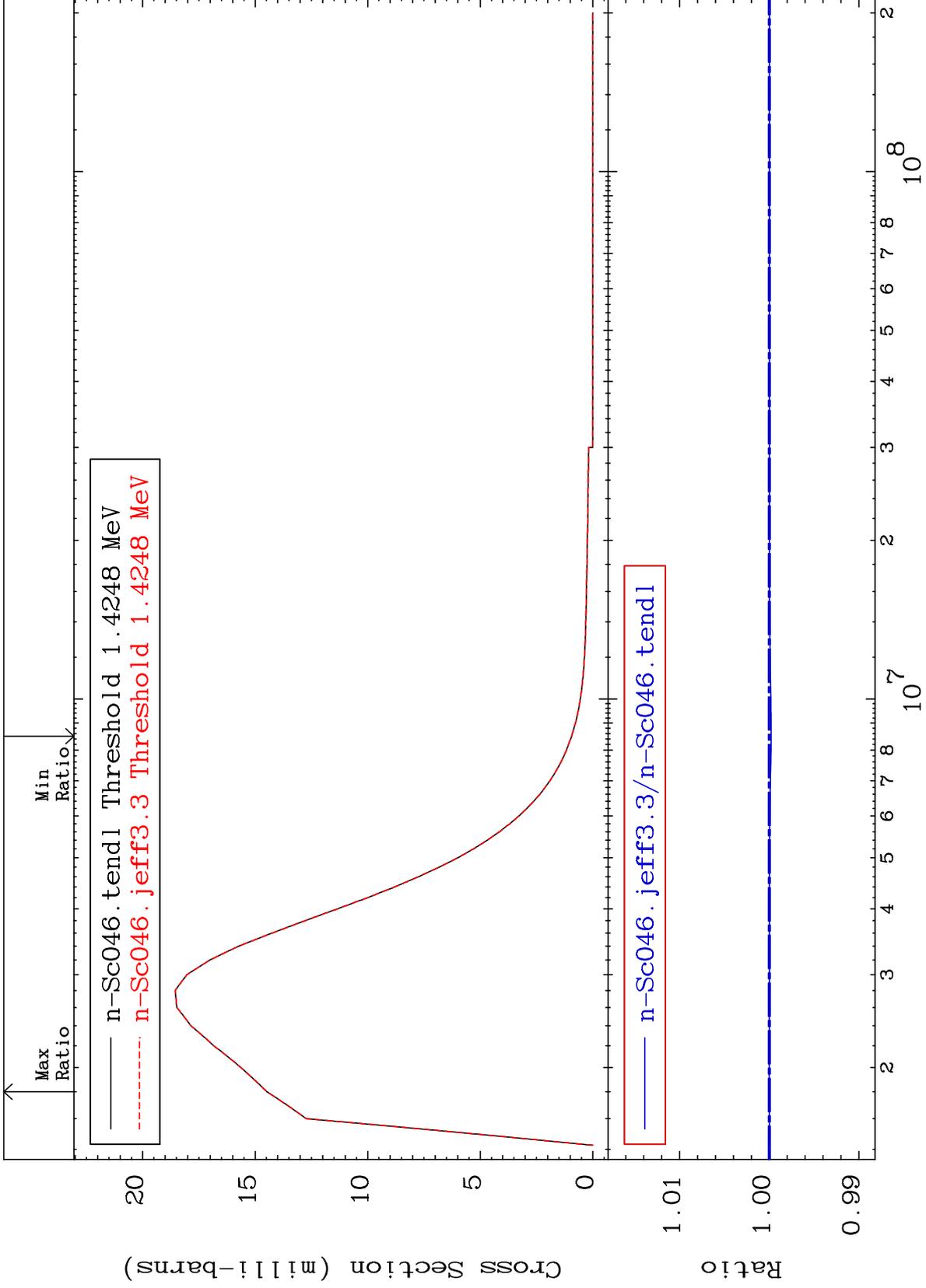
21-Sc-46  
-0.078 To 0.266 %

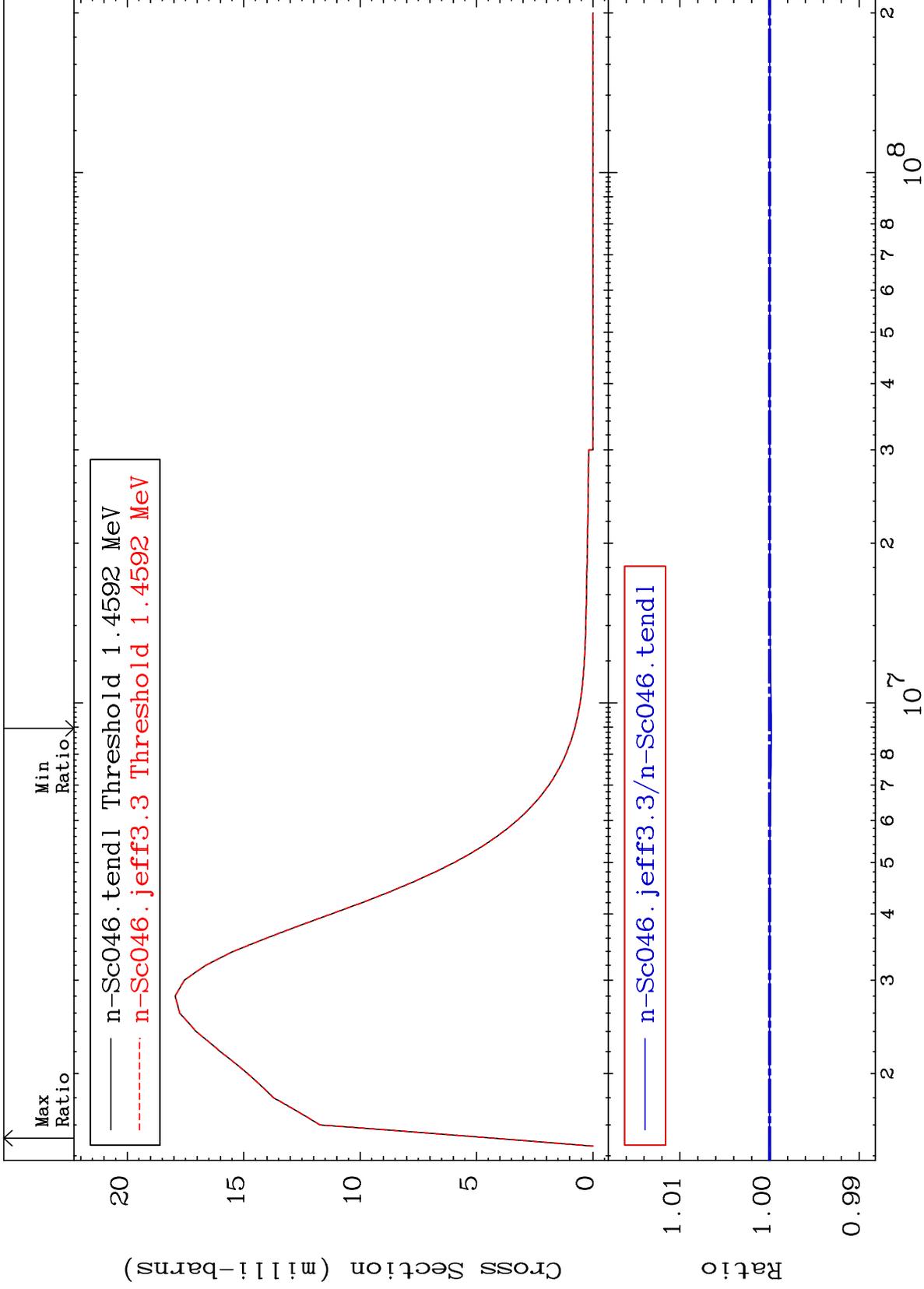


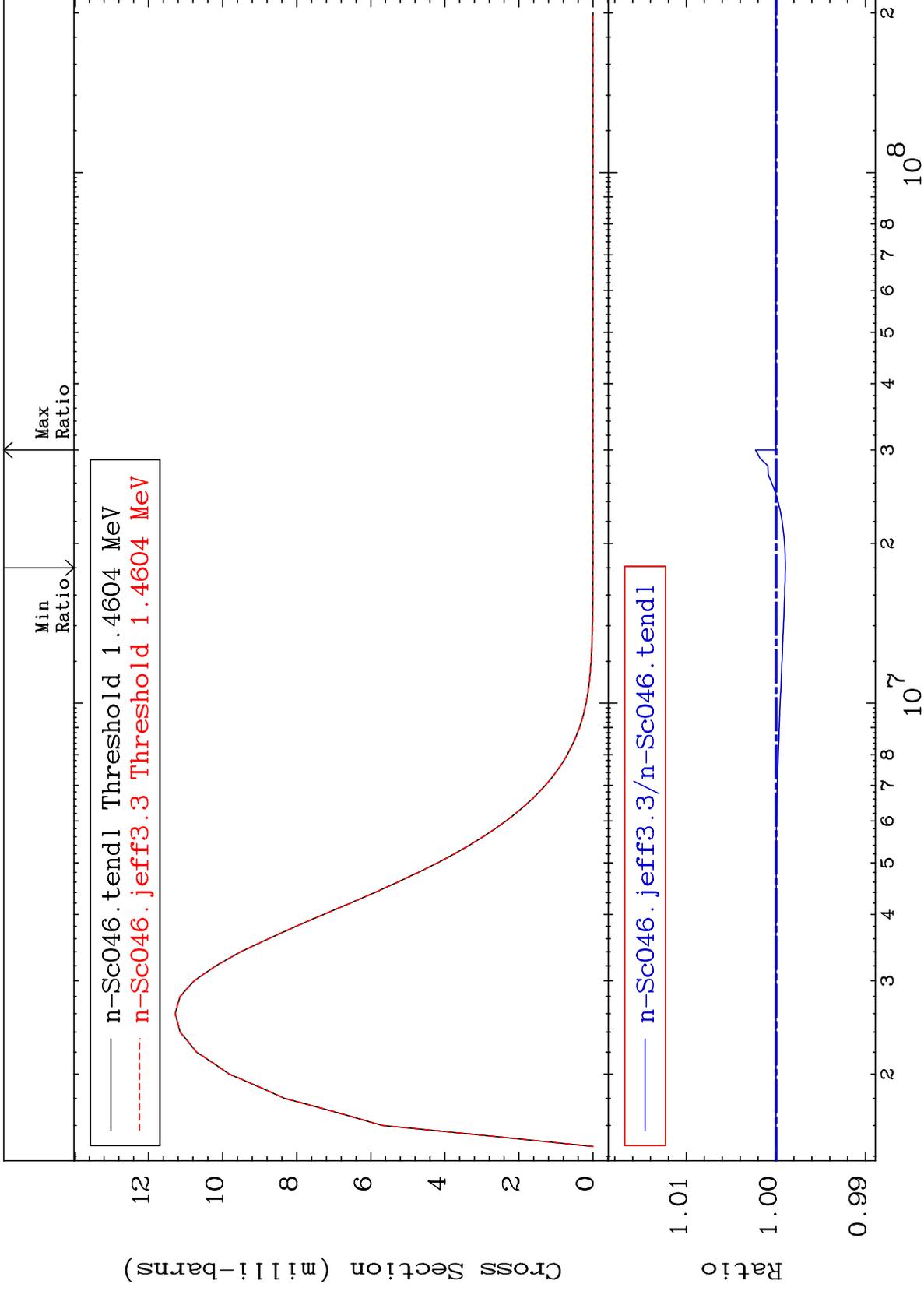
MAT 2128

MT= 72 (n,n') Level  
Cross Section

21-Sc-46  
-0.019 To 0.000 %



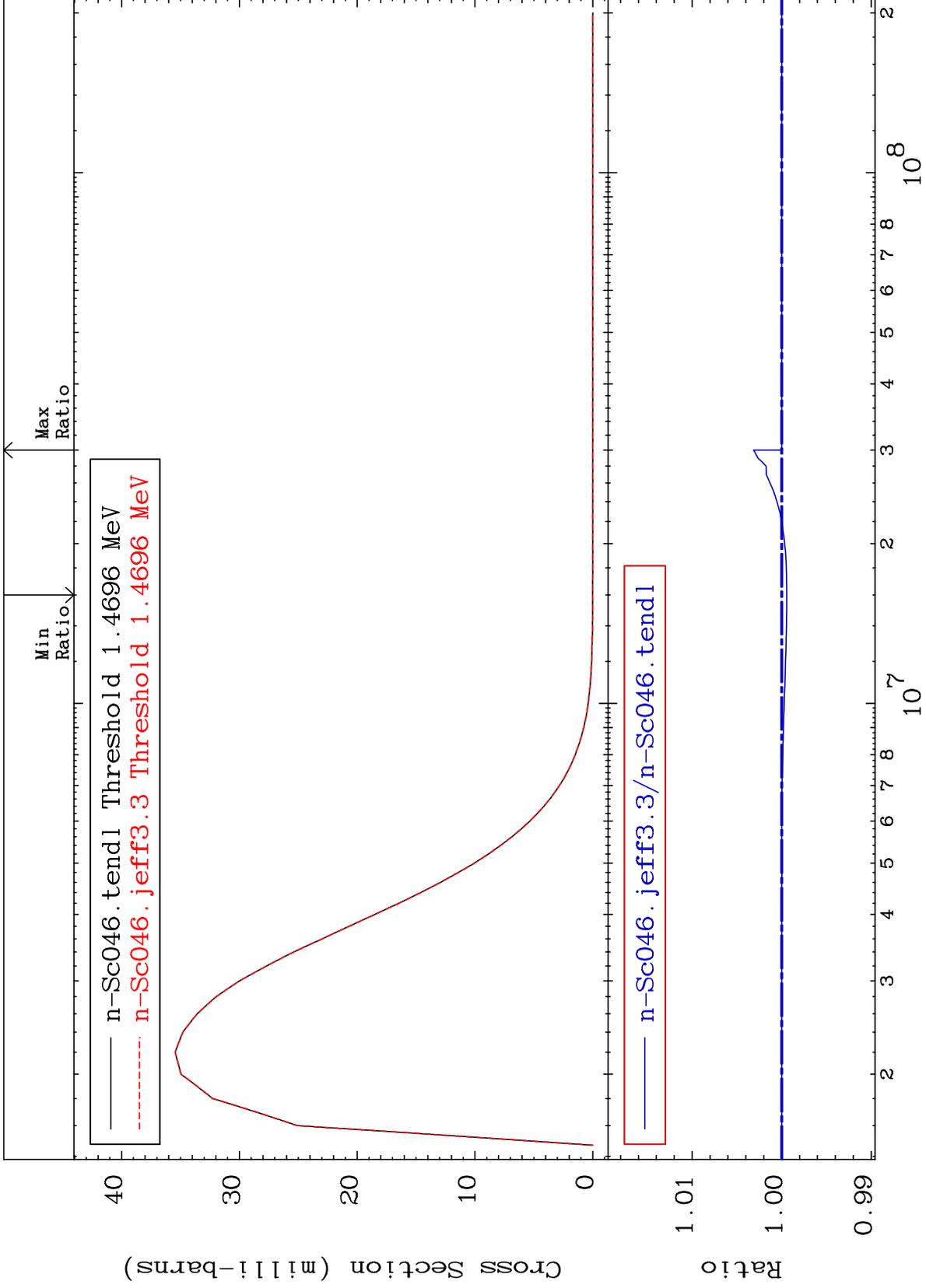


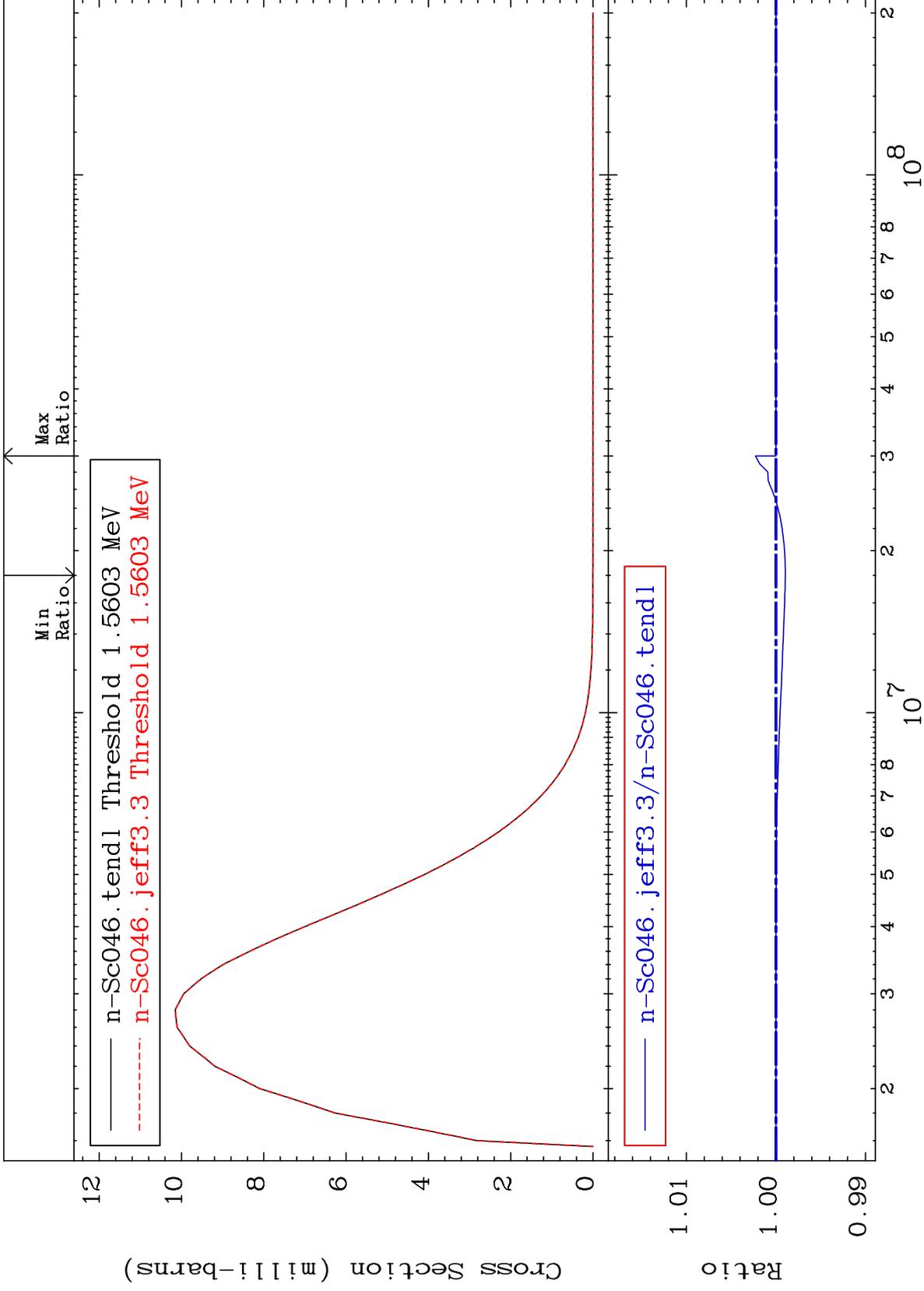


MAT 2128

MT= 75 (n,n') Level  
Cross Section

21-Sc-46  
-0.056 To 0.313 %

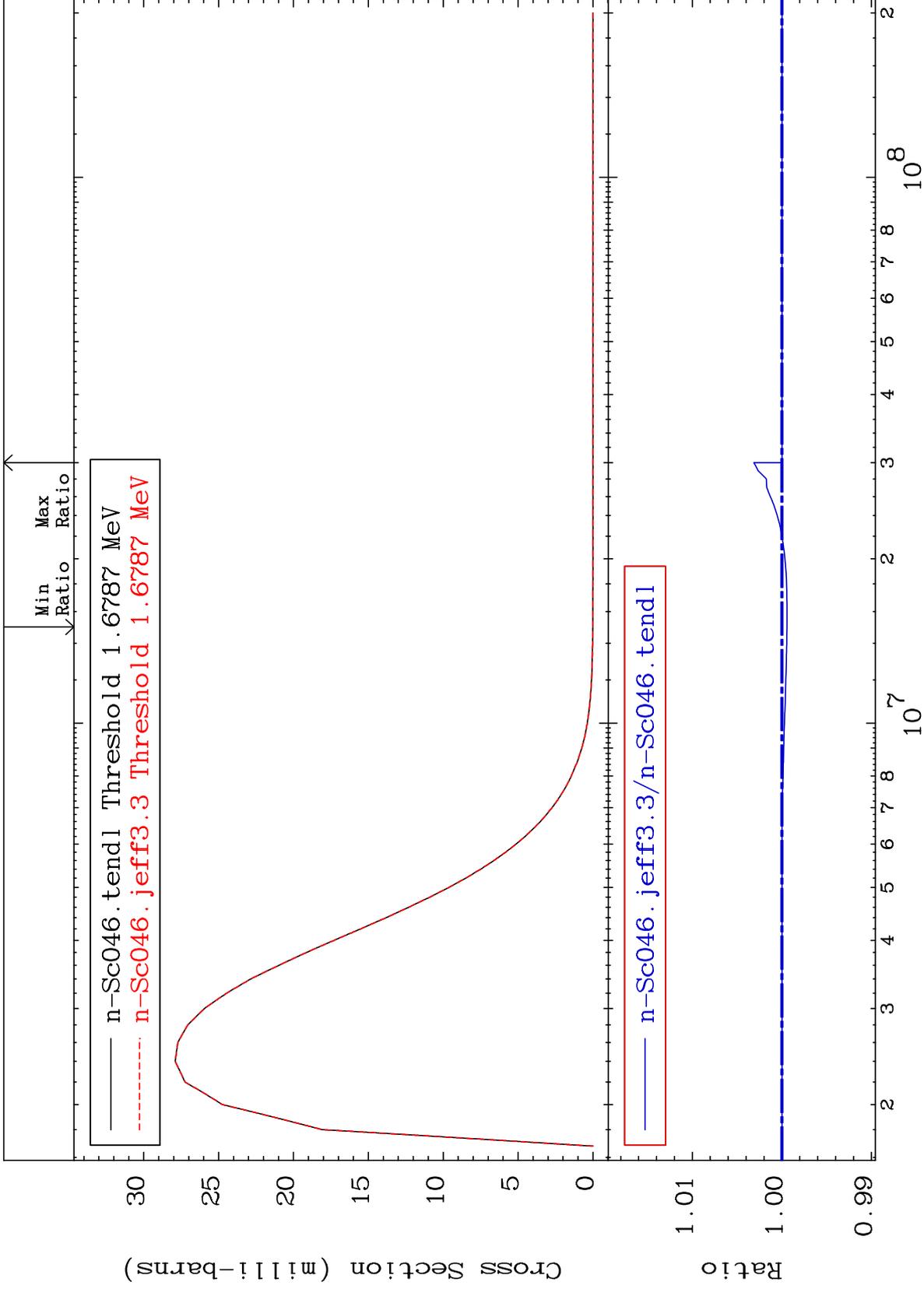




MAT 2128

MT= 77 (n,n') Level  
Cross Section

21-Sc-46  
-0.057 To 0.313 %



40

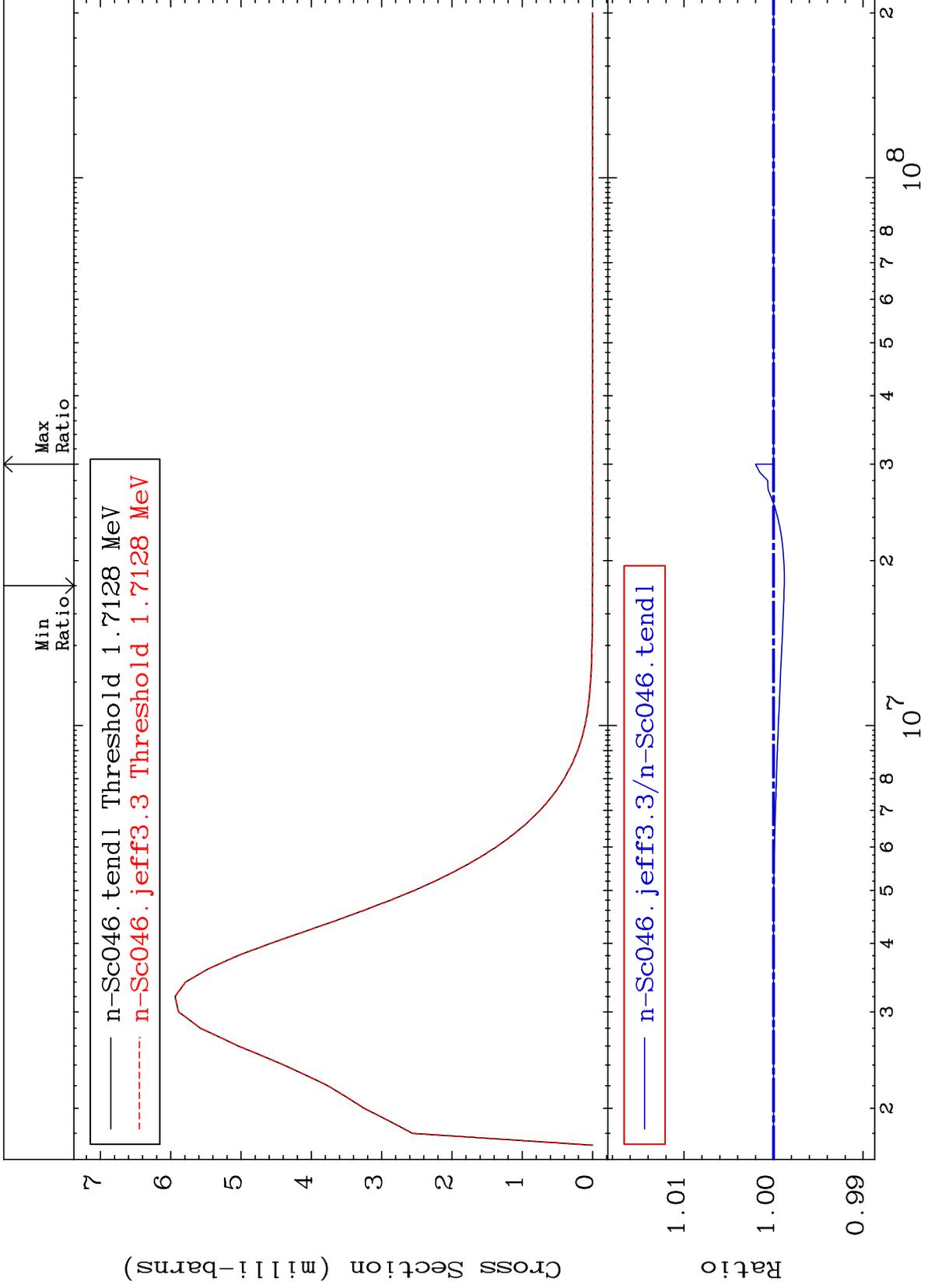
Incident Energy (eV)

21-Sc-46

MAT 2128

MT= 78 (n,n') Level  
Cross Section

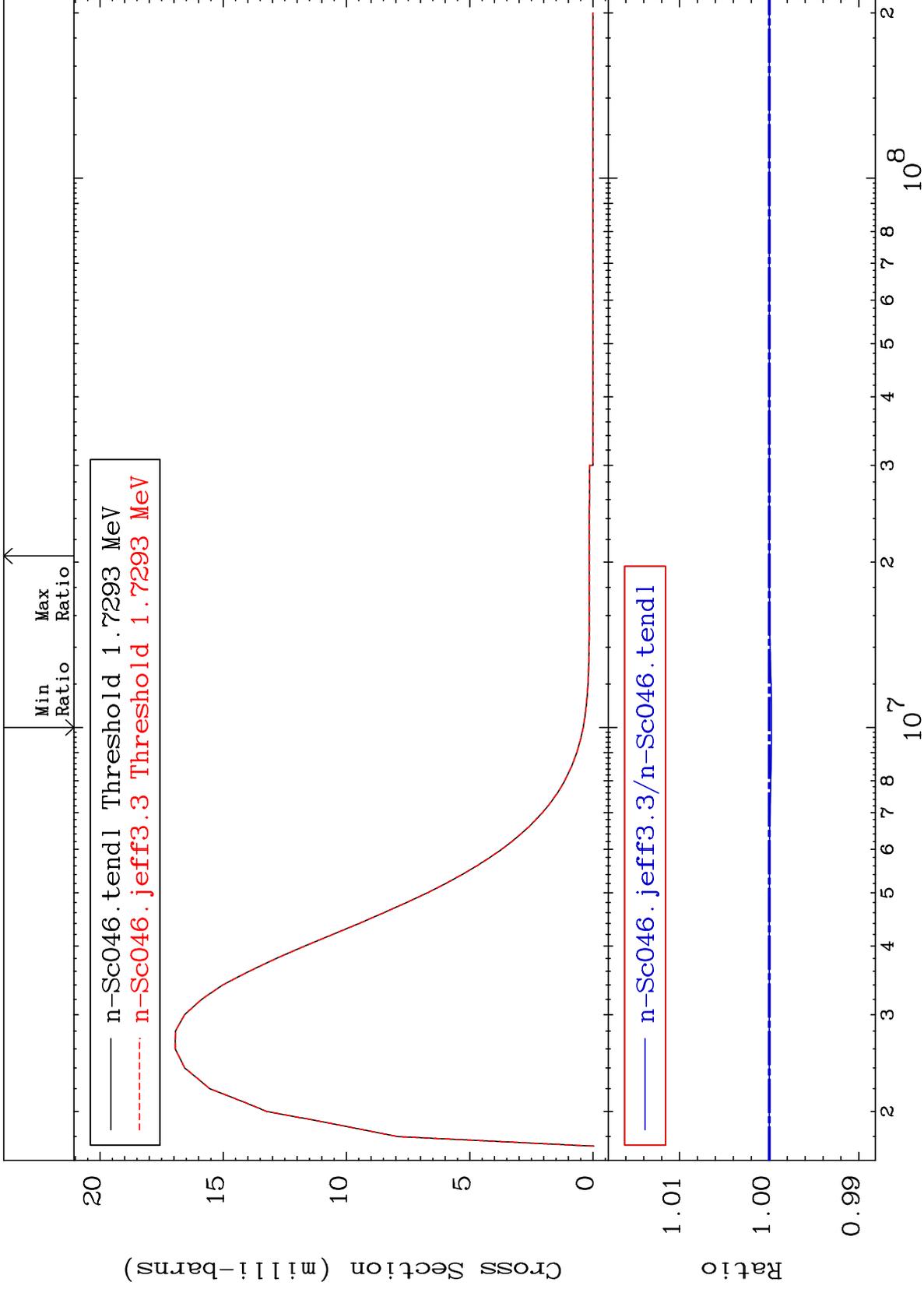
21-Sc-46  
-0.120 To 0.202 %



MAT 2128

MT= 79 (n,n') Level  
Cross Section

21-Sc-46  
-0.027 To 0.000 %



42

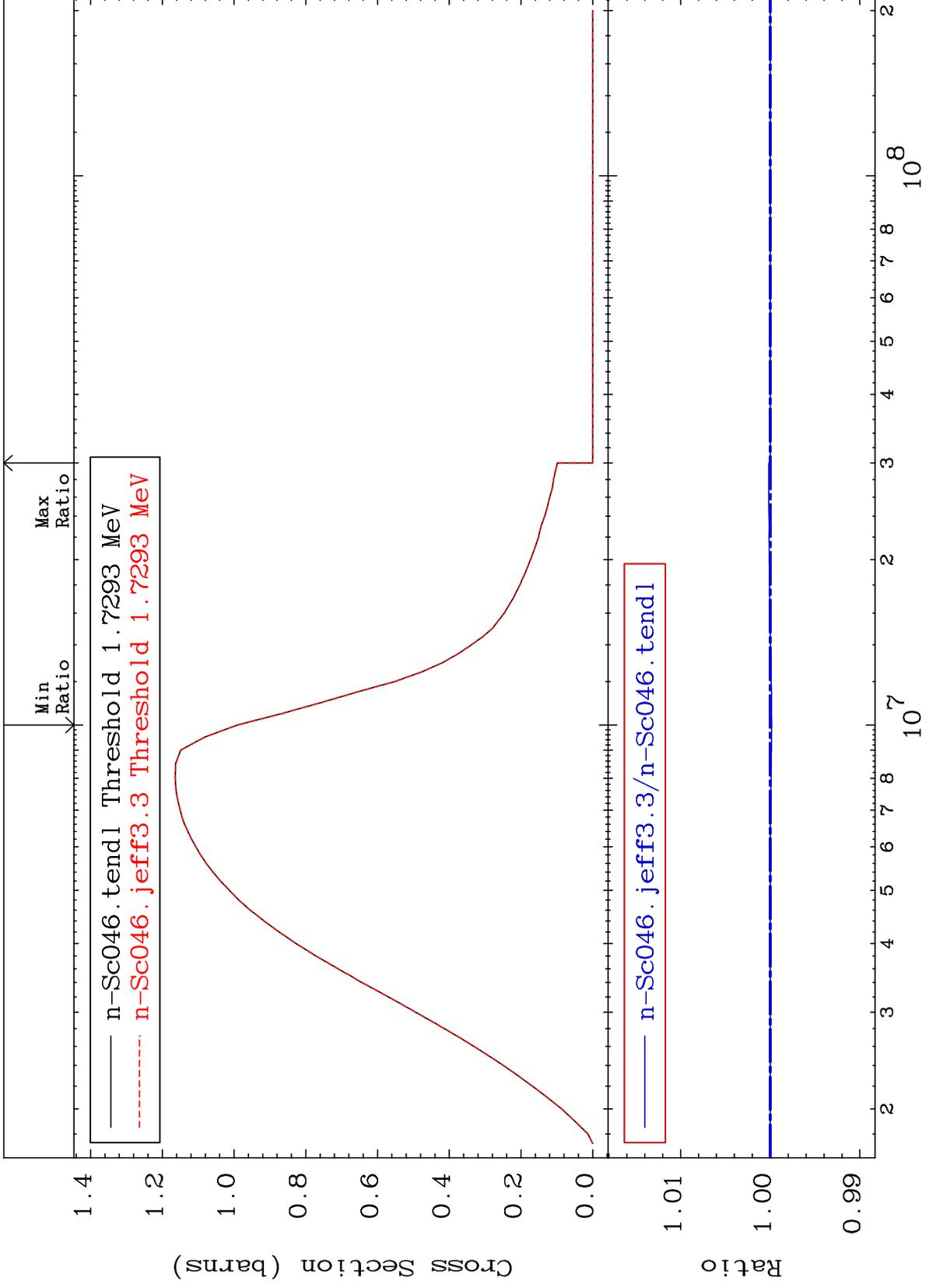
Incident Energy (eV)

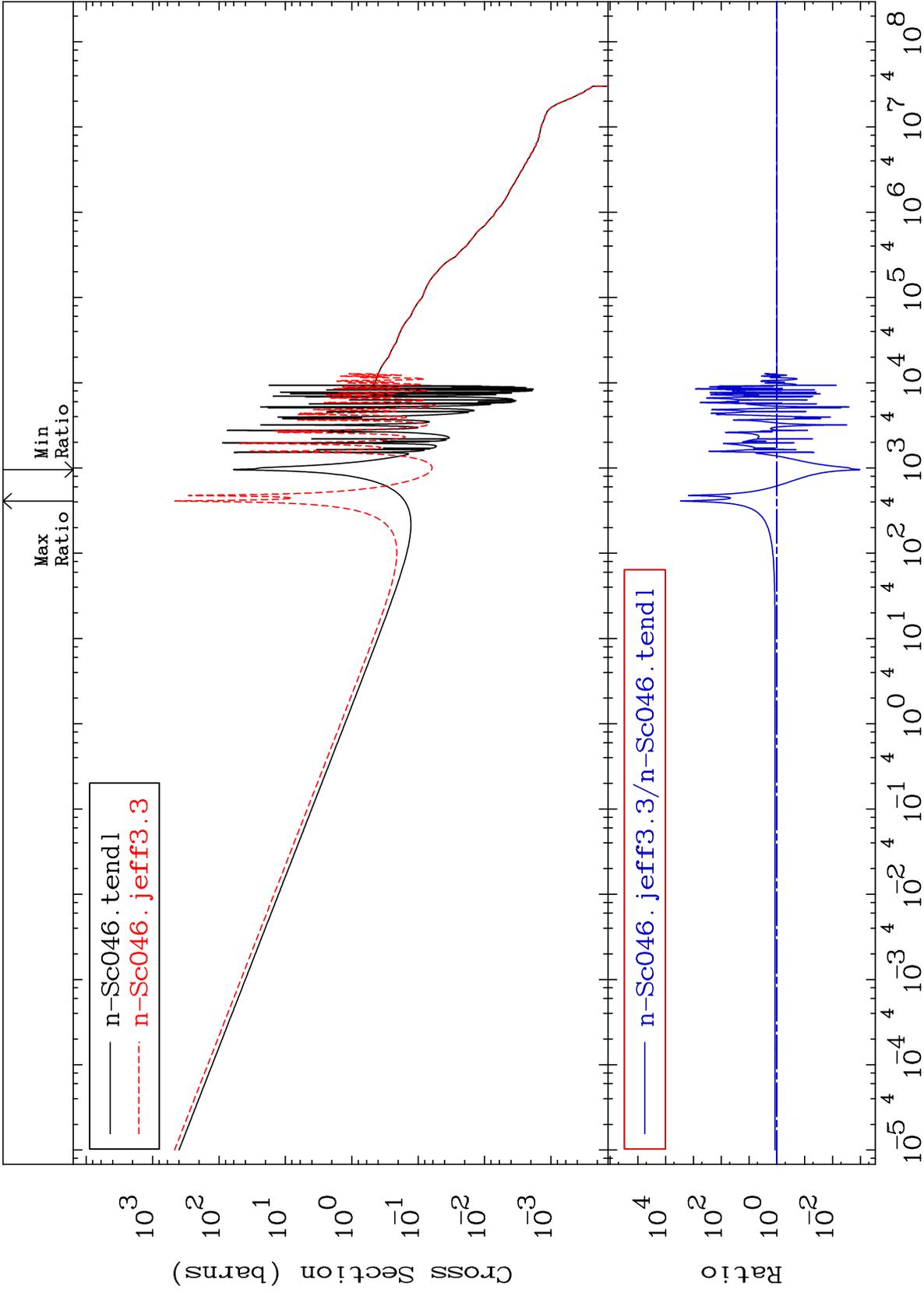
21-Sc-46

MAT 2128

(n, n') Continuum  
Cross Section

21-Sc-46  
-0.015 To 0.017 %





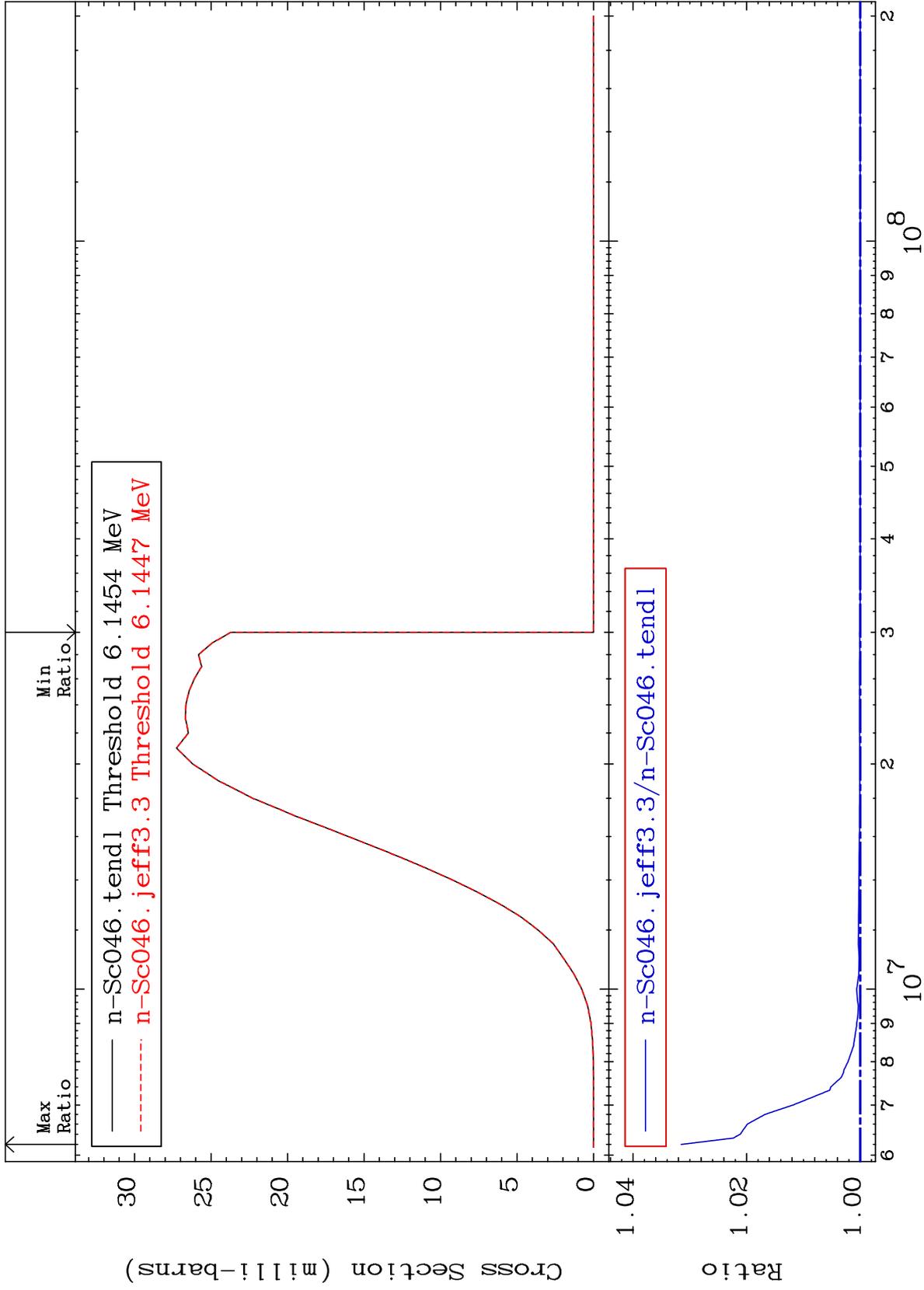


MAT 2128

21-Sc-46

0.000 To 3.153 %

(n, d)  
Cross Section

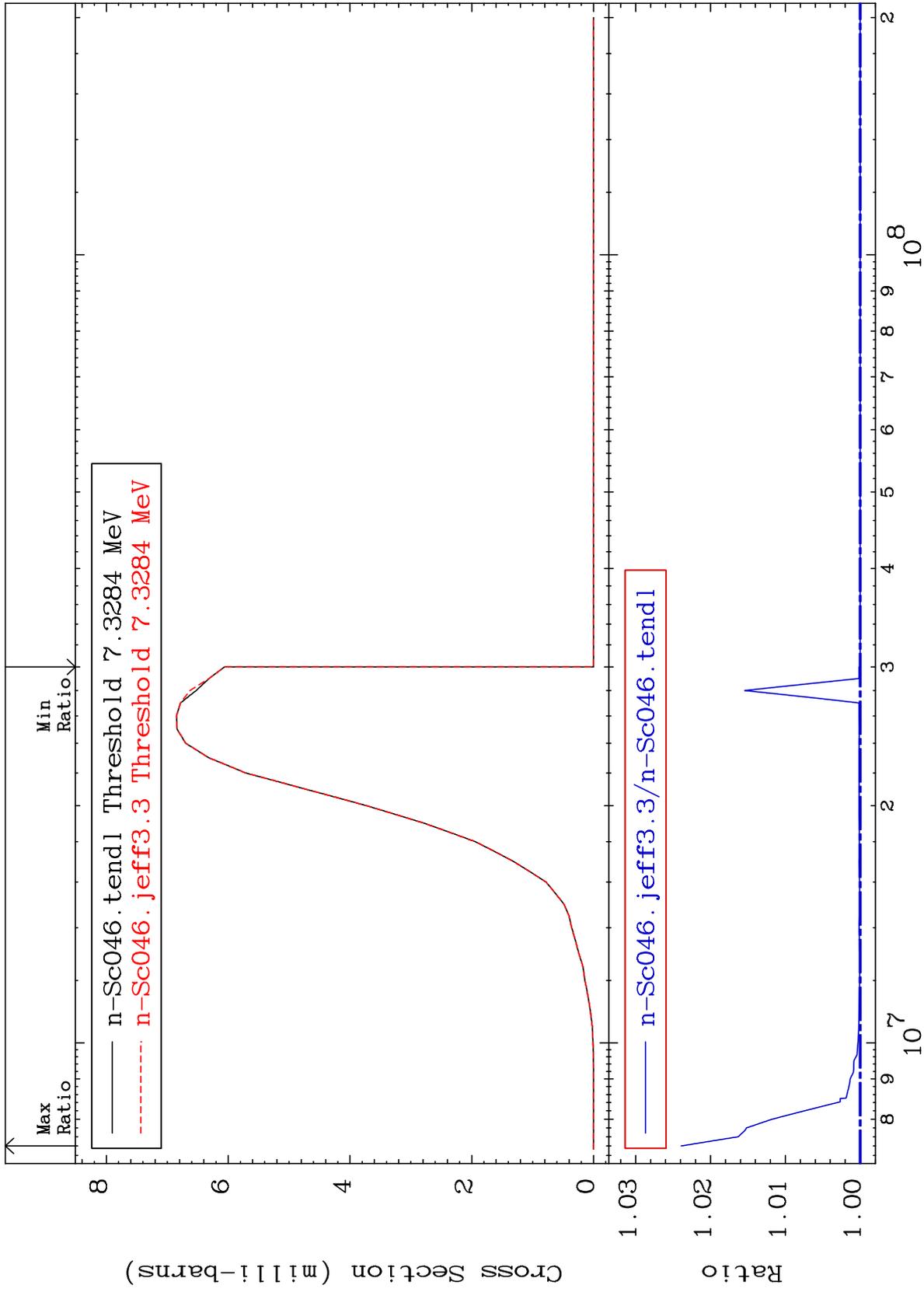


46

21-Sc-46

MAT 2128

(n, t) Cross Section  
21-Sc-46  
0.000 To 2.392 %



MAT 2128

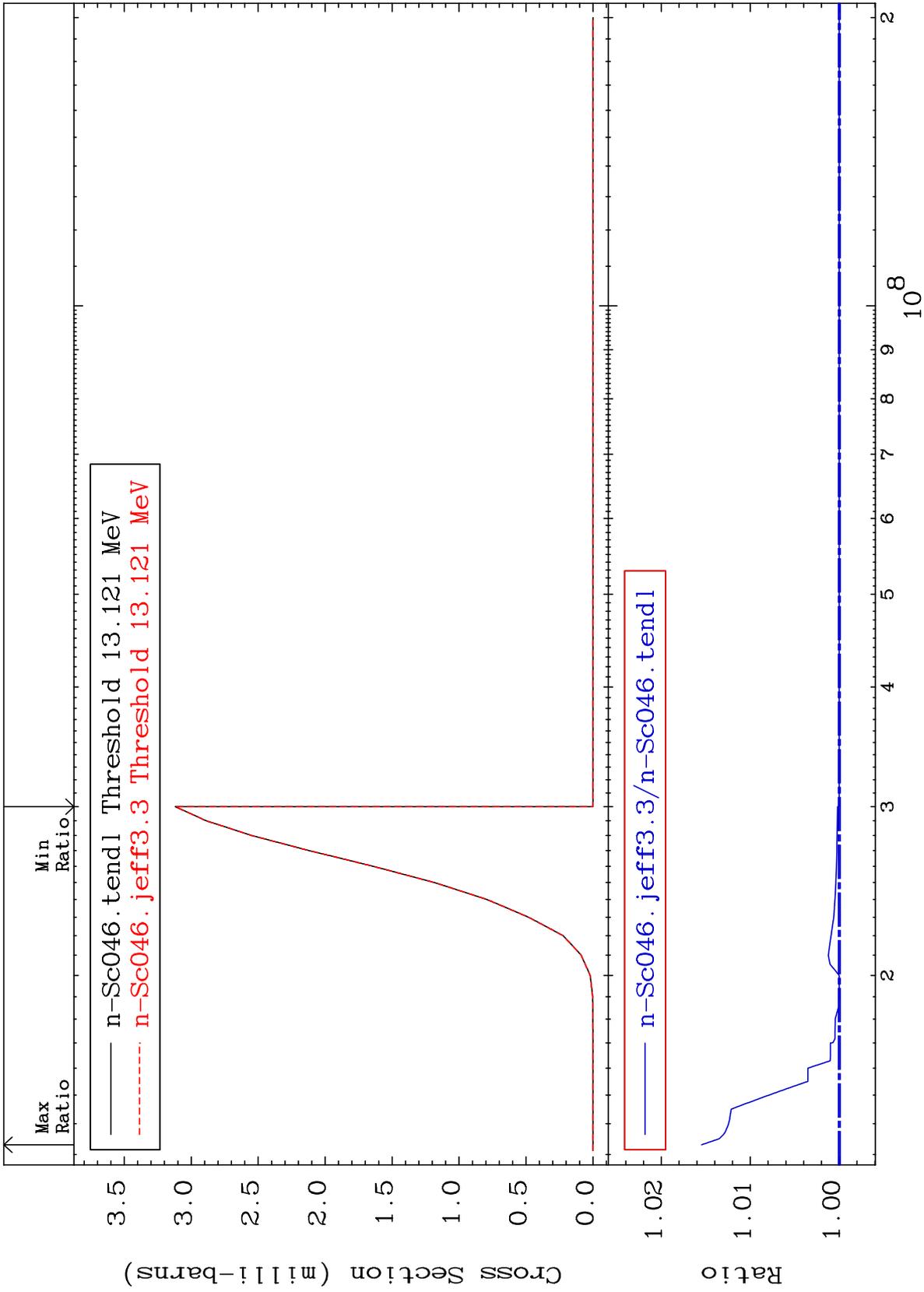
(n, He-3)

21-Sc-46

Cross Section

0.000

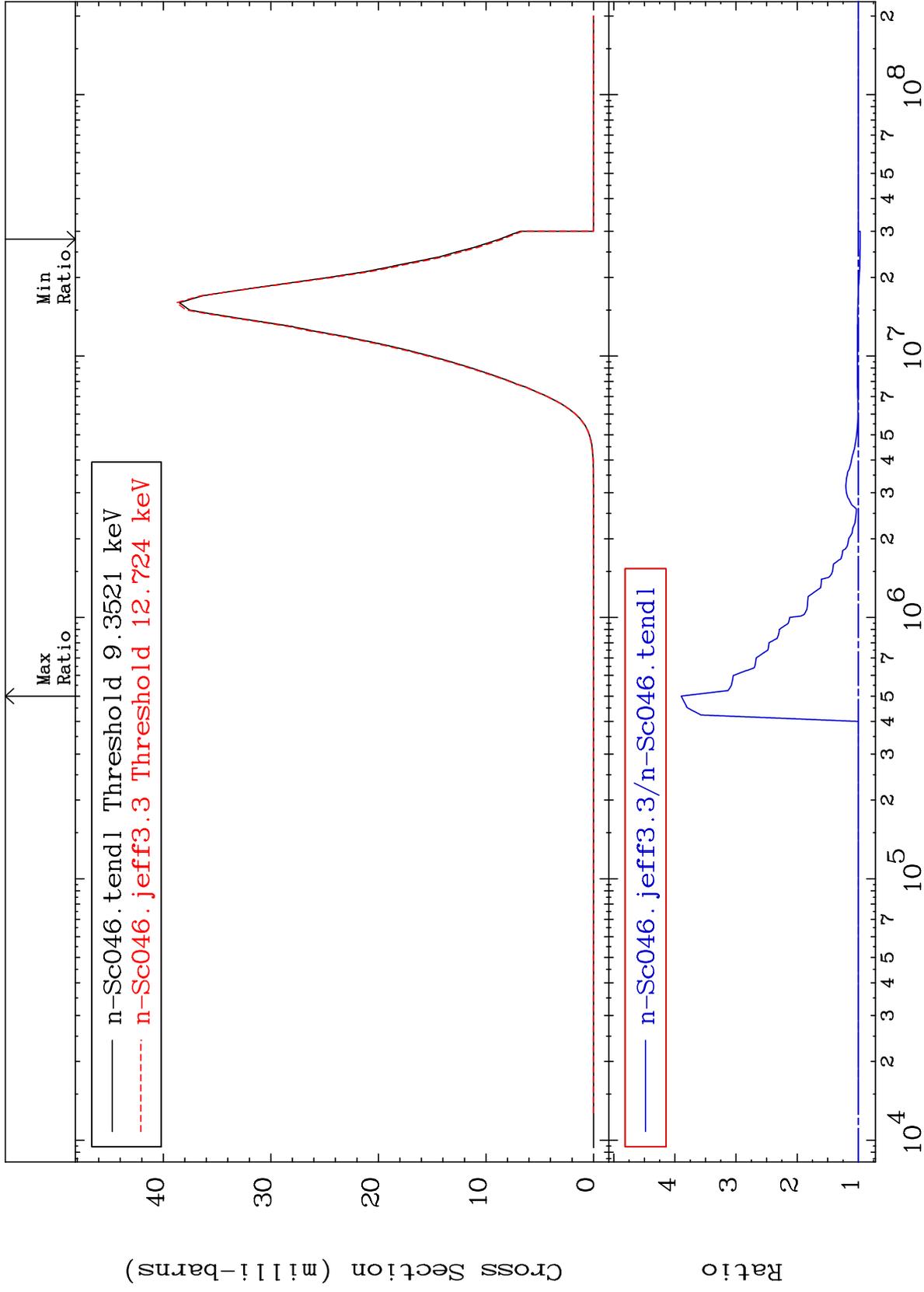
To 1.547 %



MAT 2128

21-Sc-46

(n,  $\alpha$ )  
Cross Section  
-3.138 To 289.8 %



21-Sc-46

Incident Energy (eV)

49

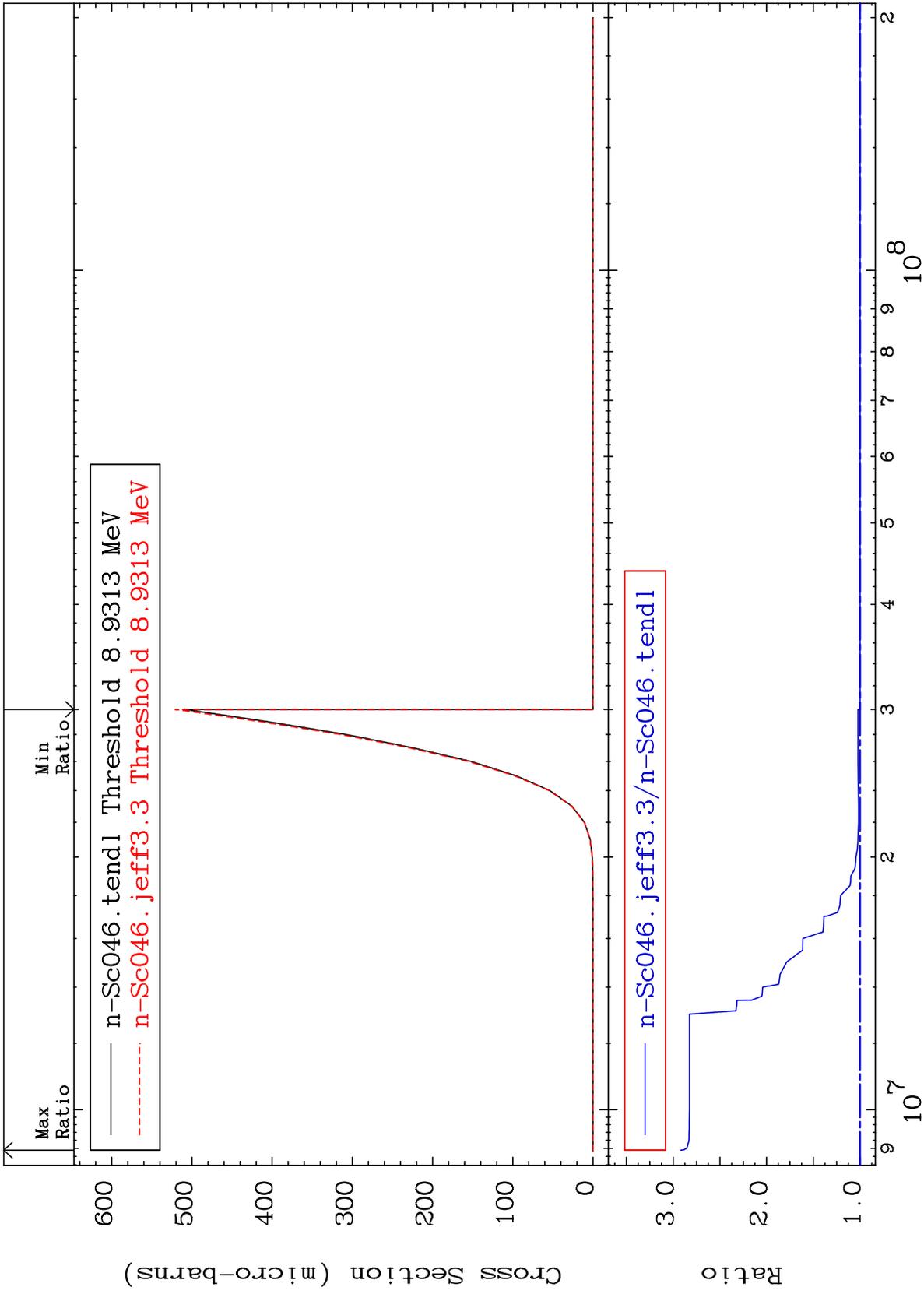
MAT 2128

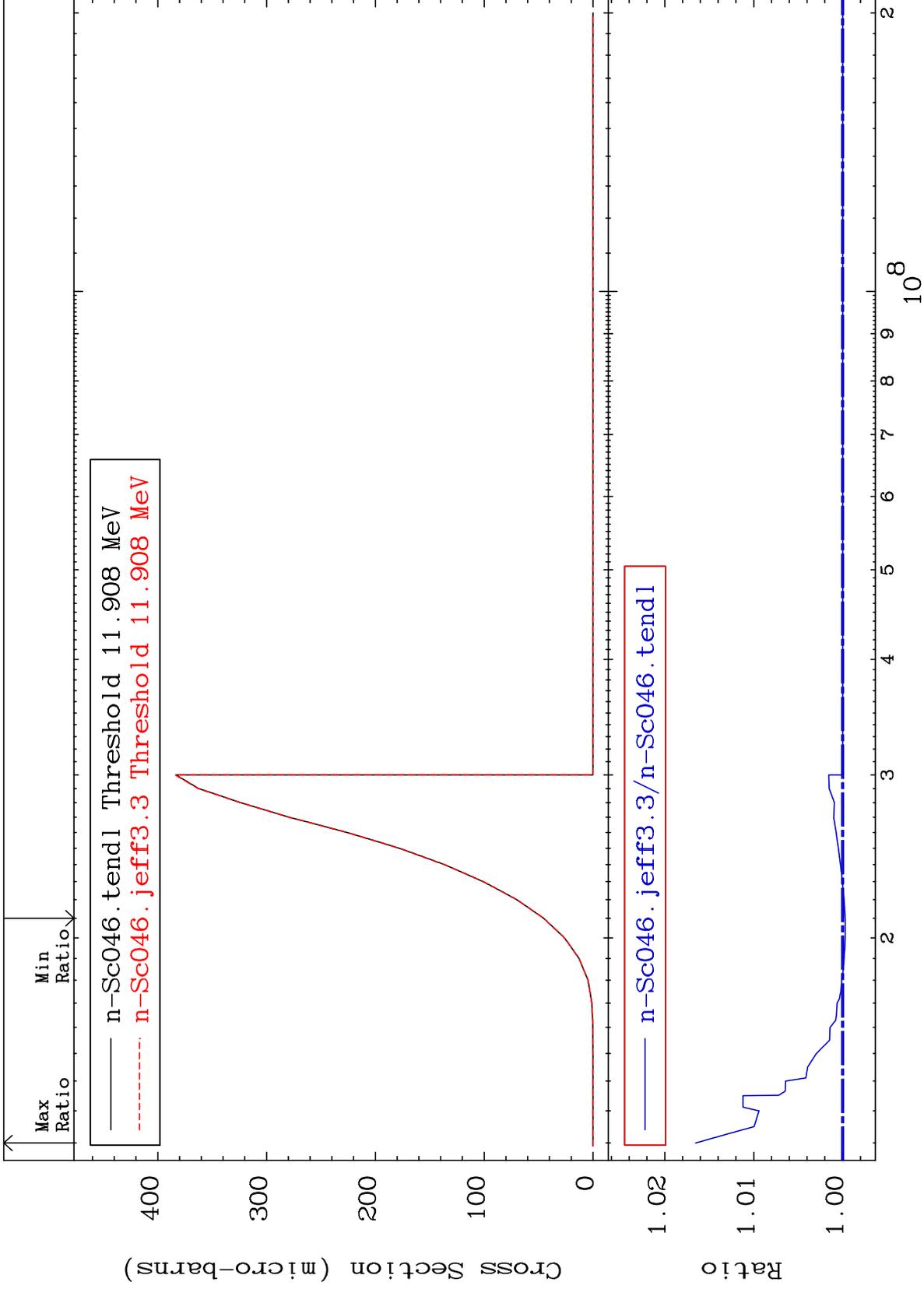
(n,2α)

21-Sc-46

Cross Section

0.000 To 191.9 %

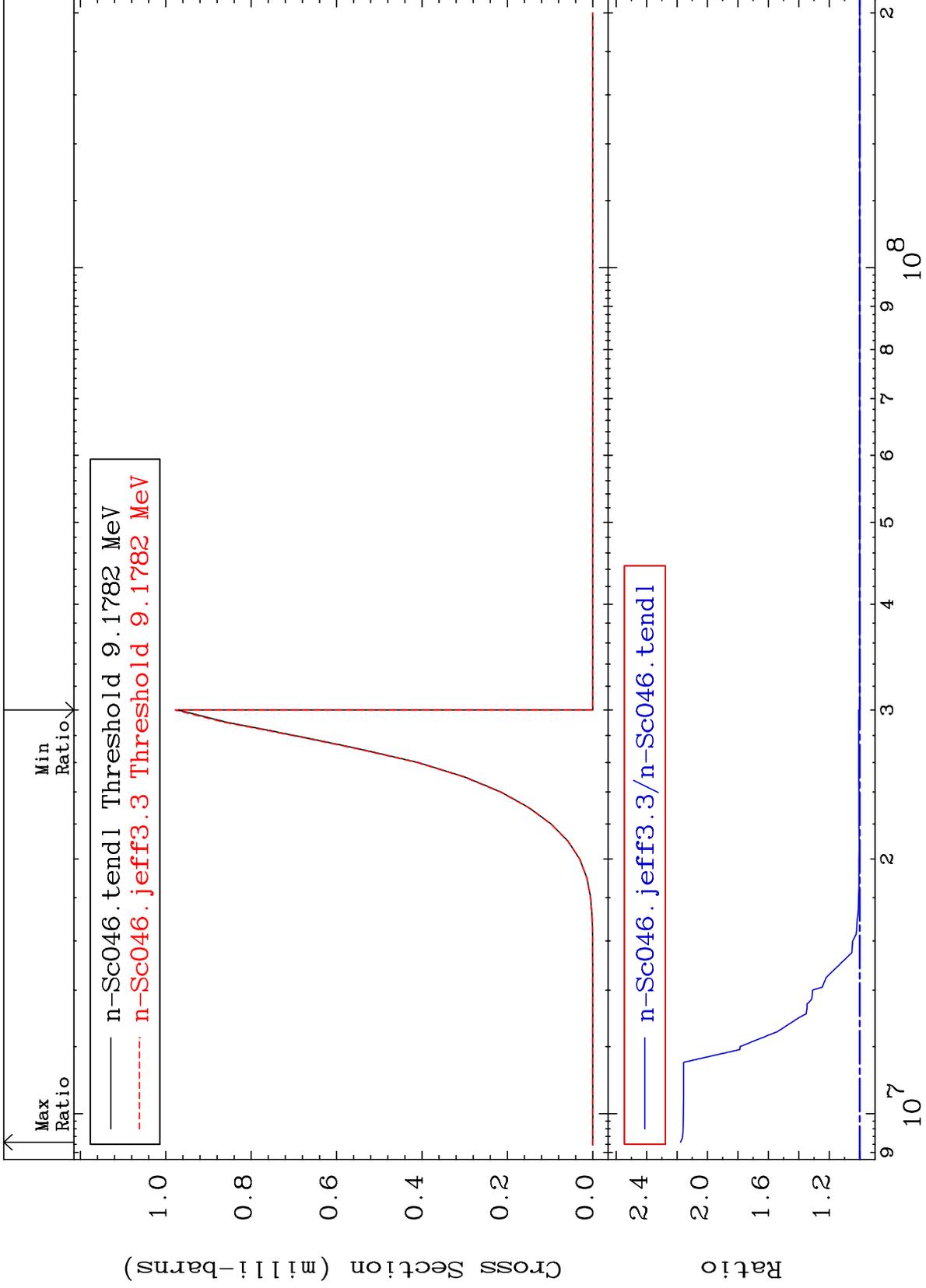




MAT 2128

(n, p)  $\alpha$

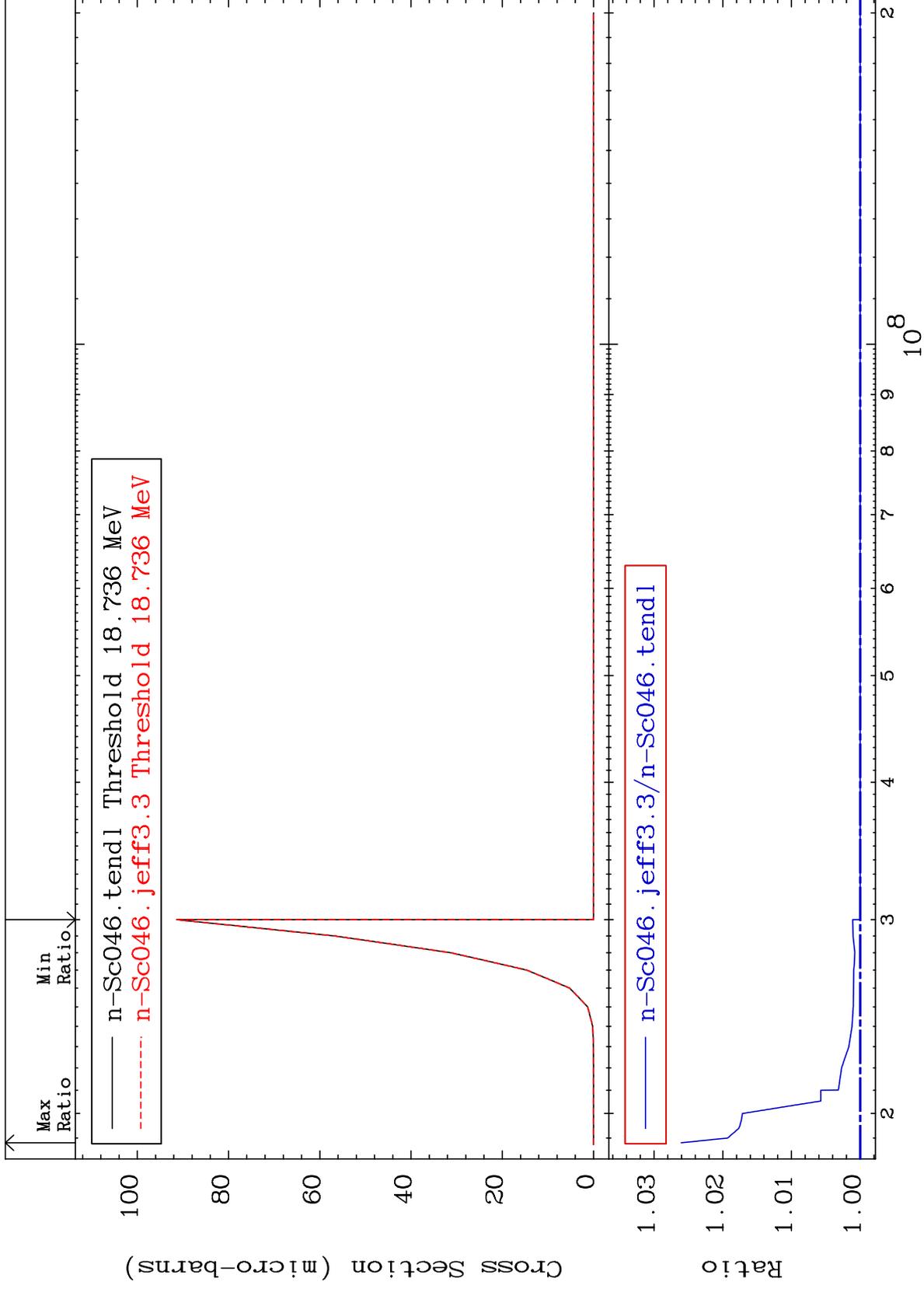
21-Sc-46  
0.000 To 117.7 %

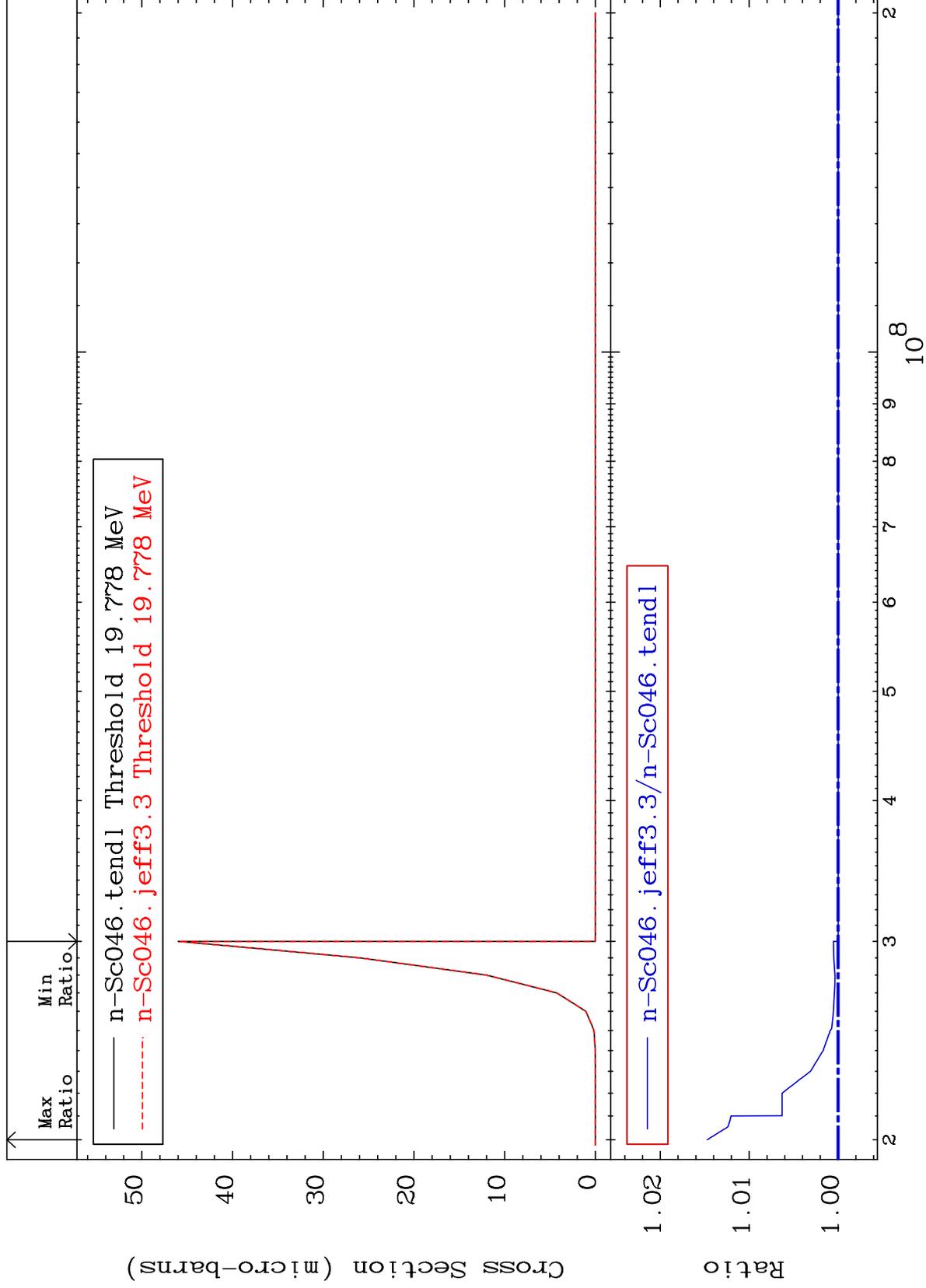


MAT 2128

(n,p) d  
Cross Section

21-Sc-46  
0.000 To 2.605 %

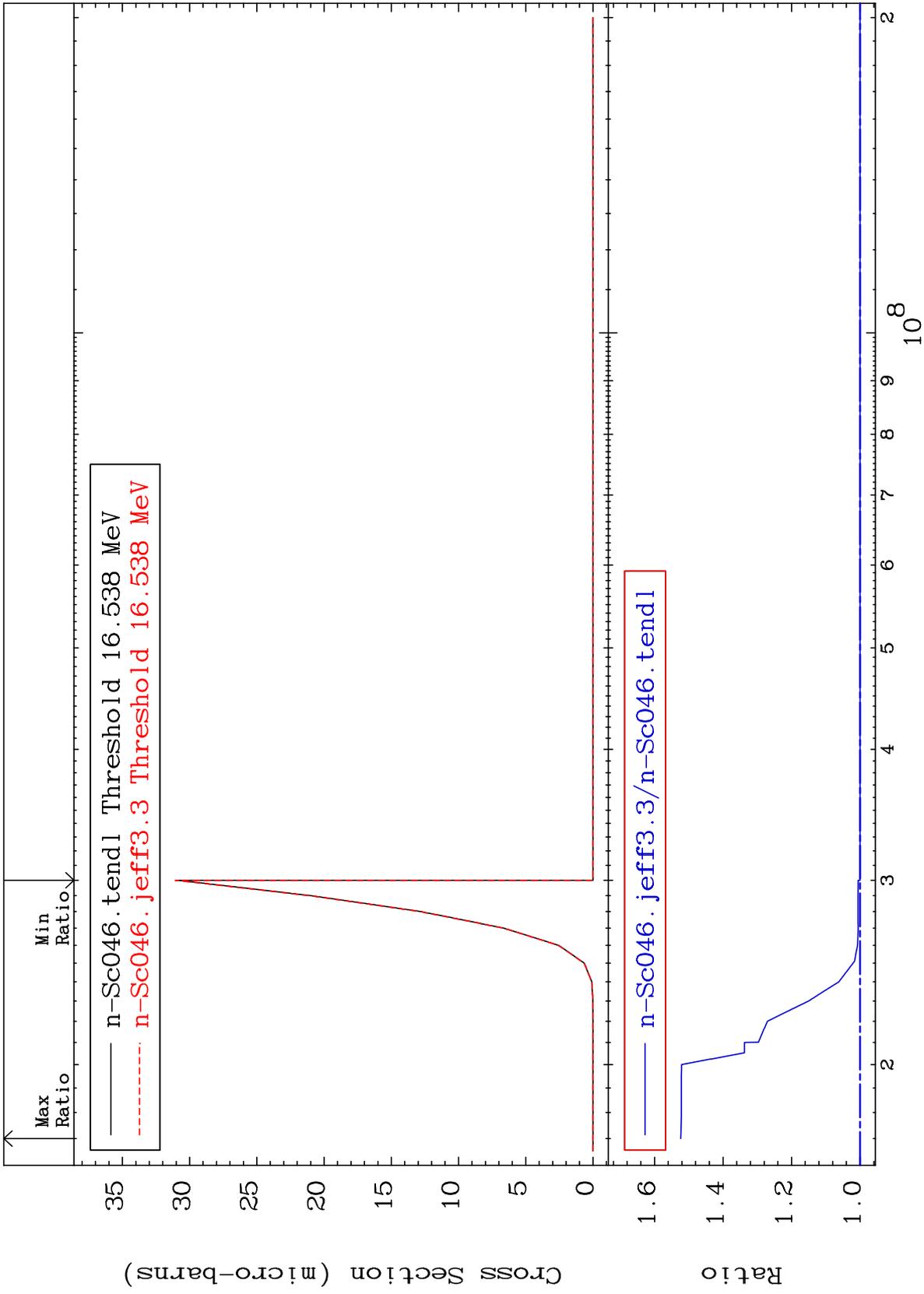


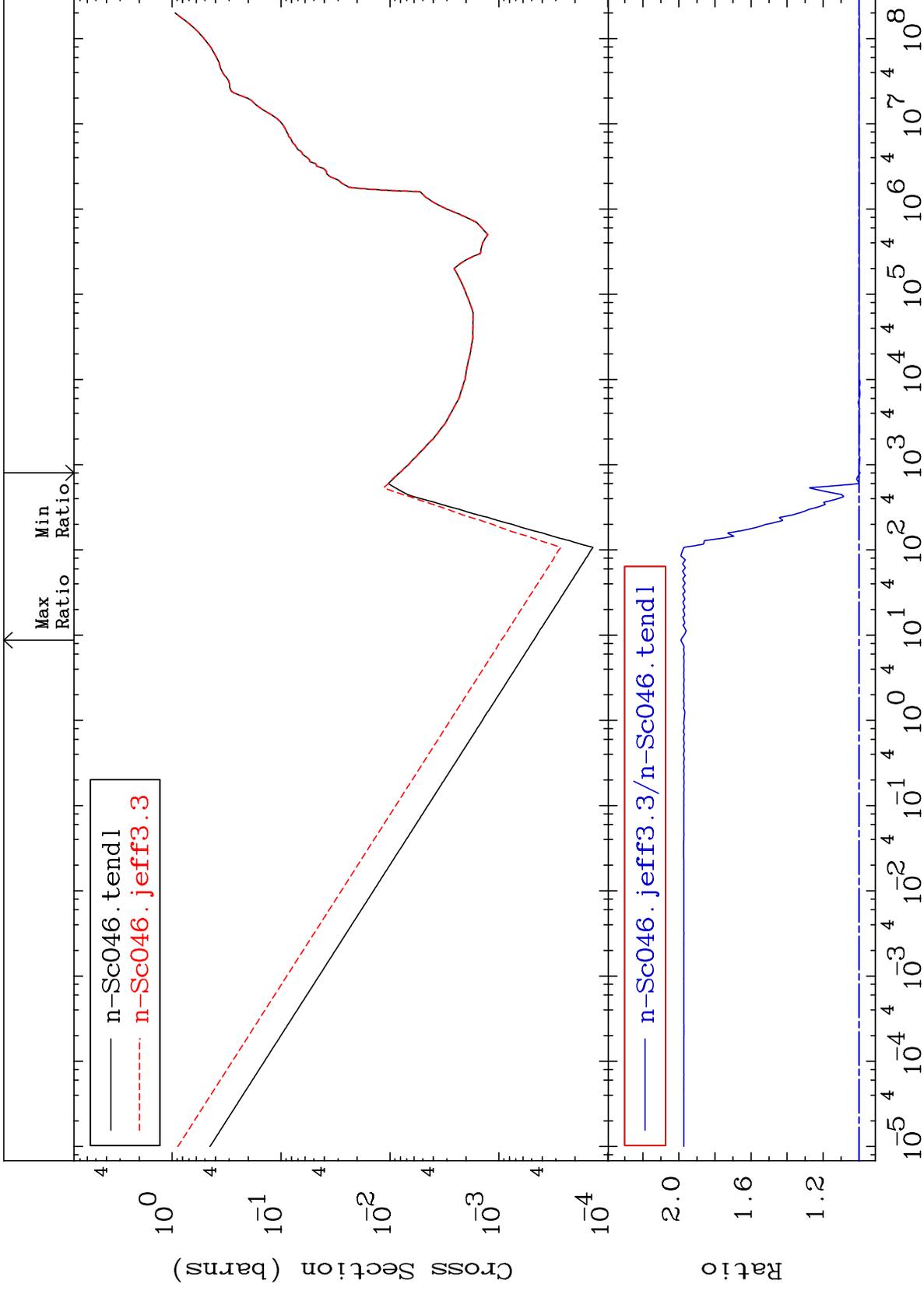


MAT 2128

(n,d)  $\alpha$   
Cross Section

21-Sc-46  
To 52.34 %  
0.000

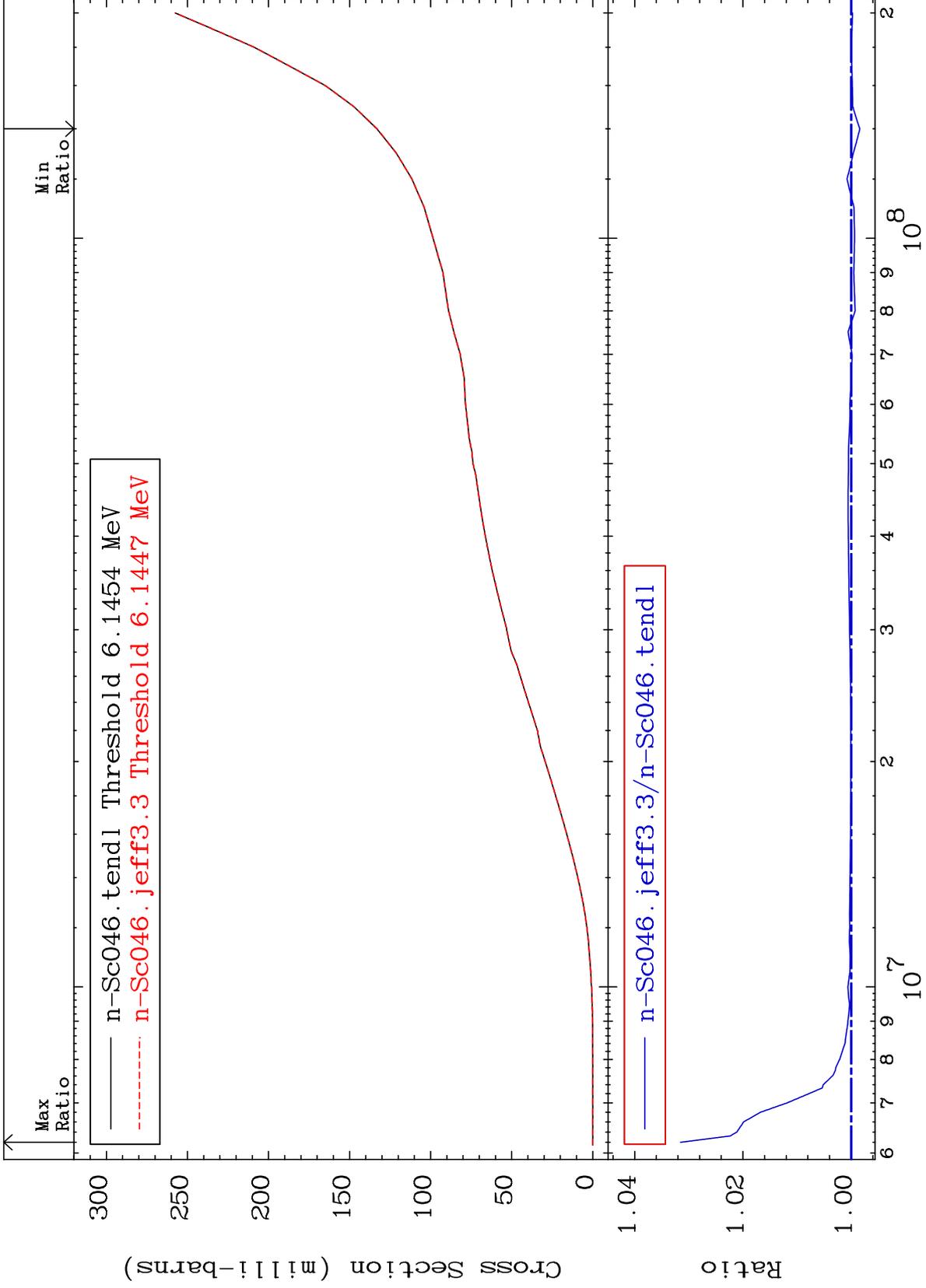




MAT 2128

Deuterium Production  
Cross Section

21-Sc-46  
-0.158 To 3.153 %



57

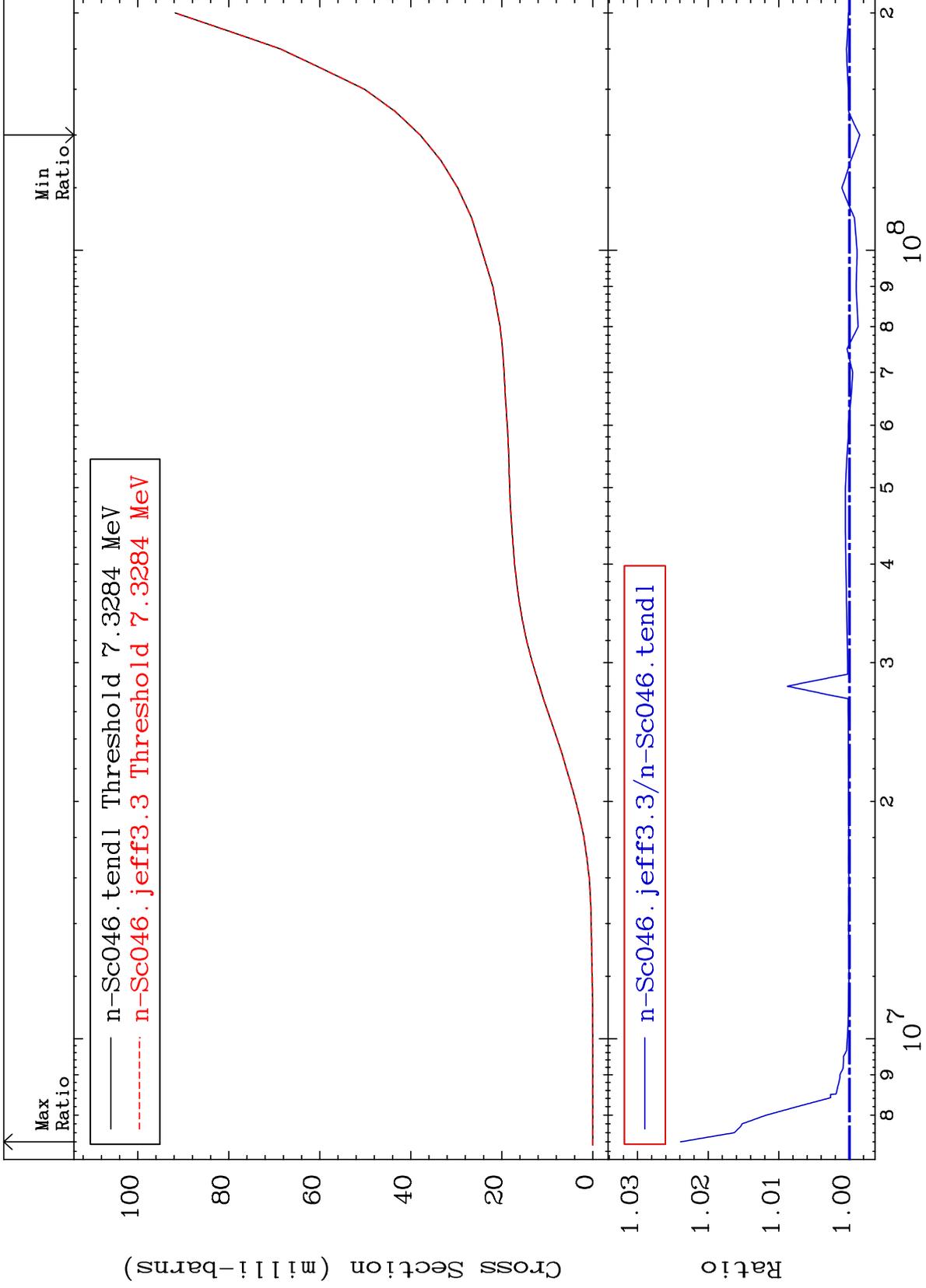
Incident Energy (eV)

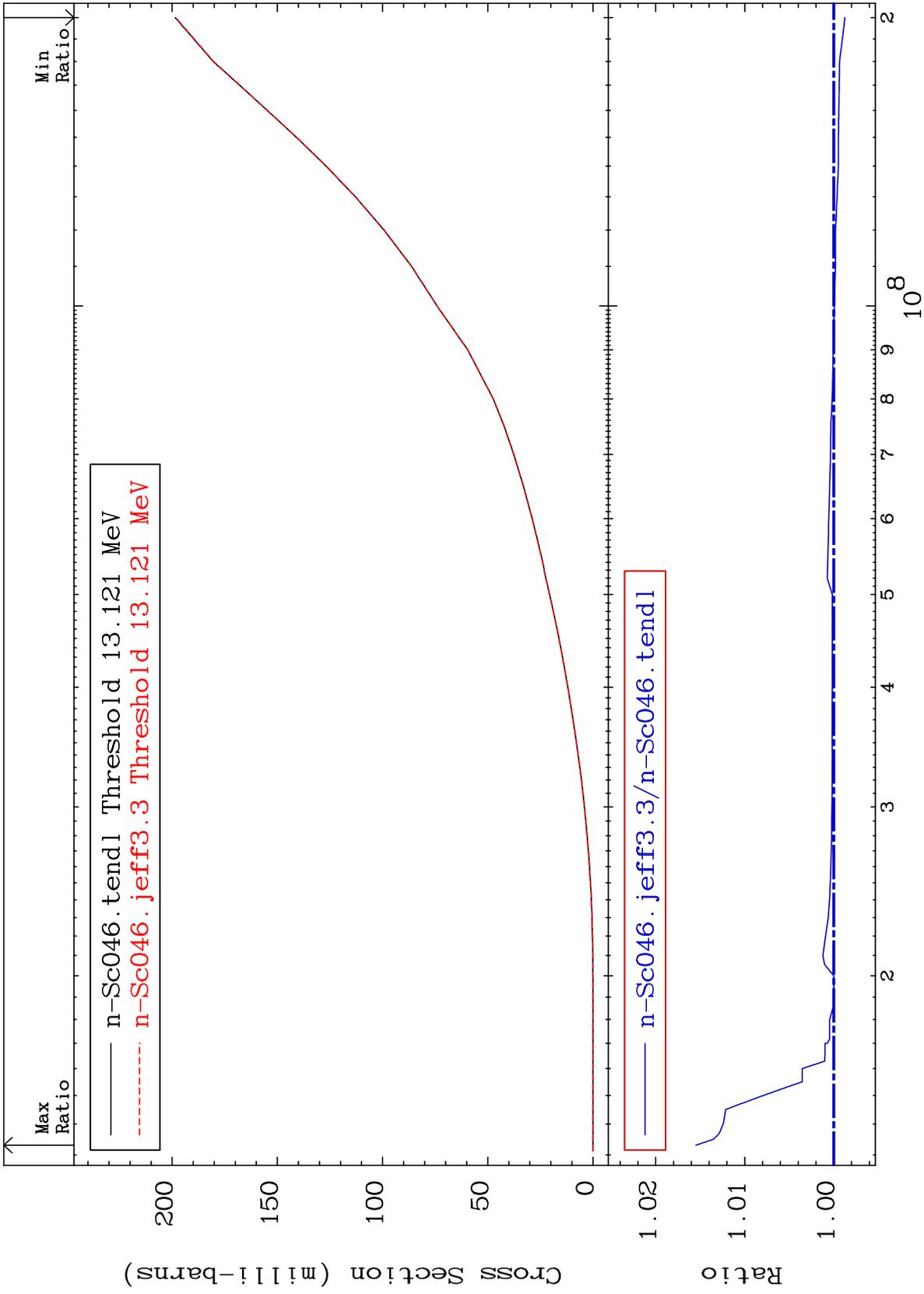
21-Sc-46

MAT 2128

Tritium Production  
Cross Section

21-Sc-46  
-0.146 To 2.392 %

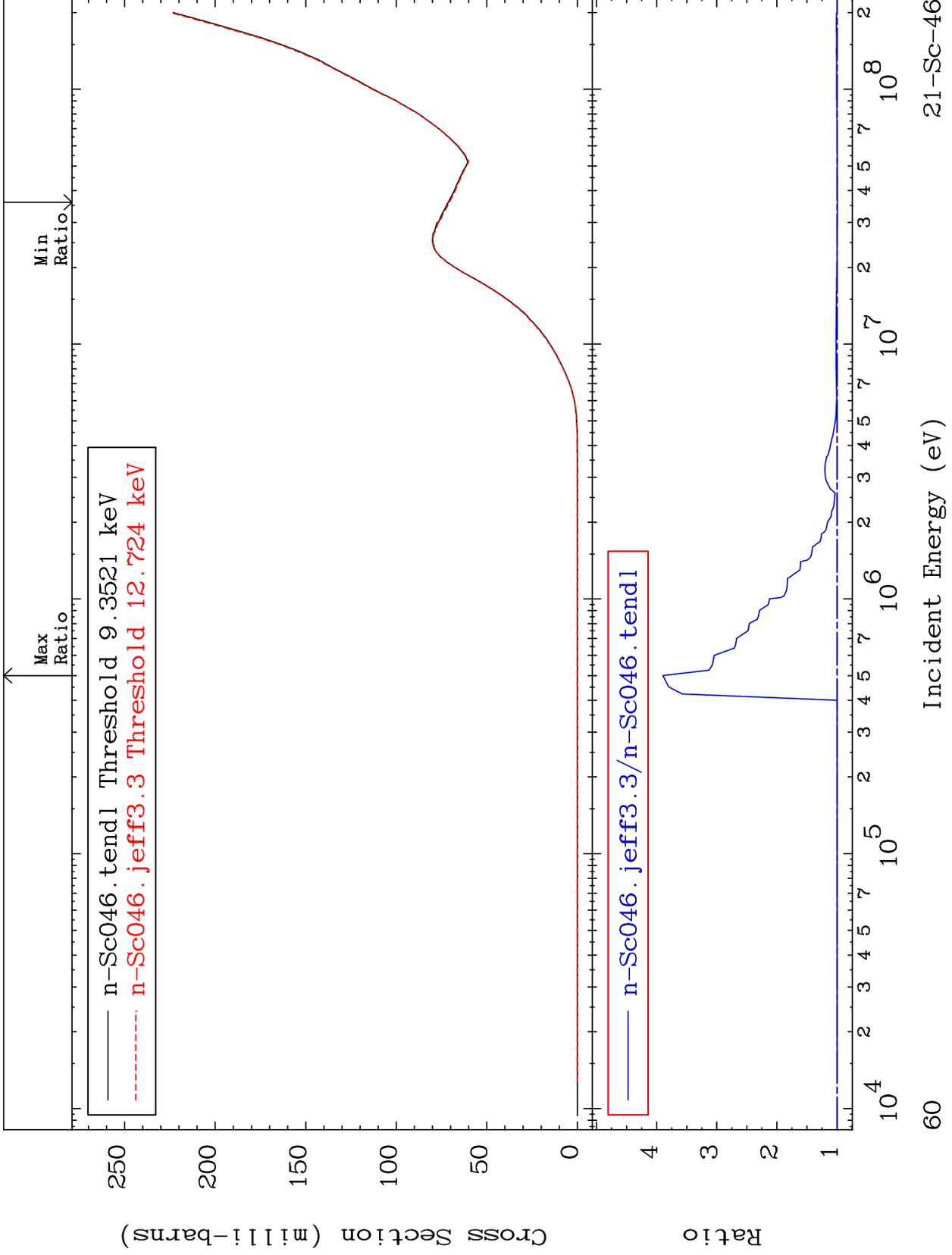


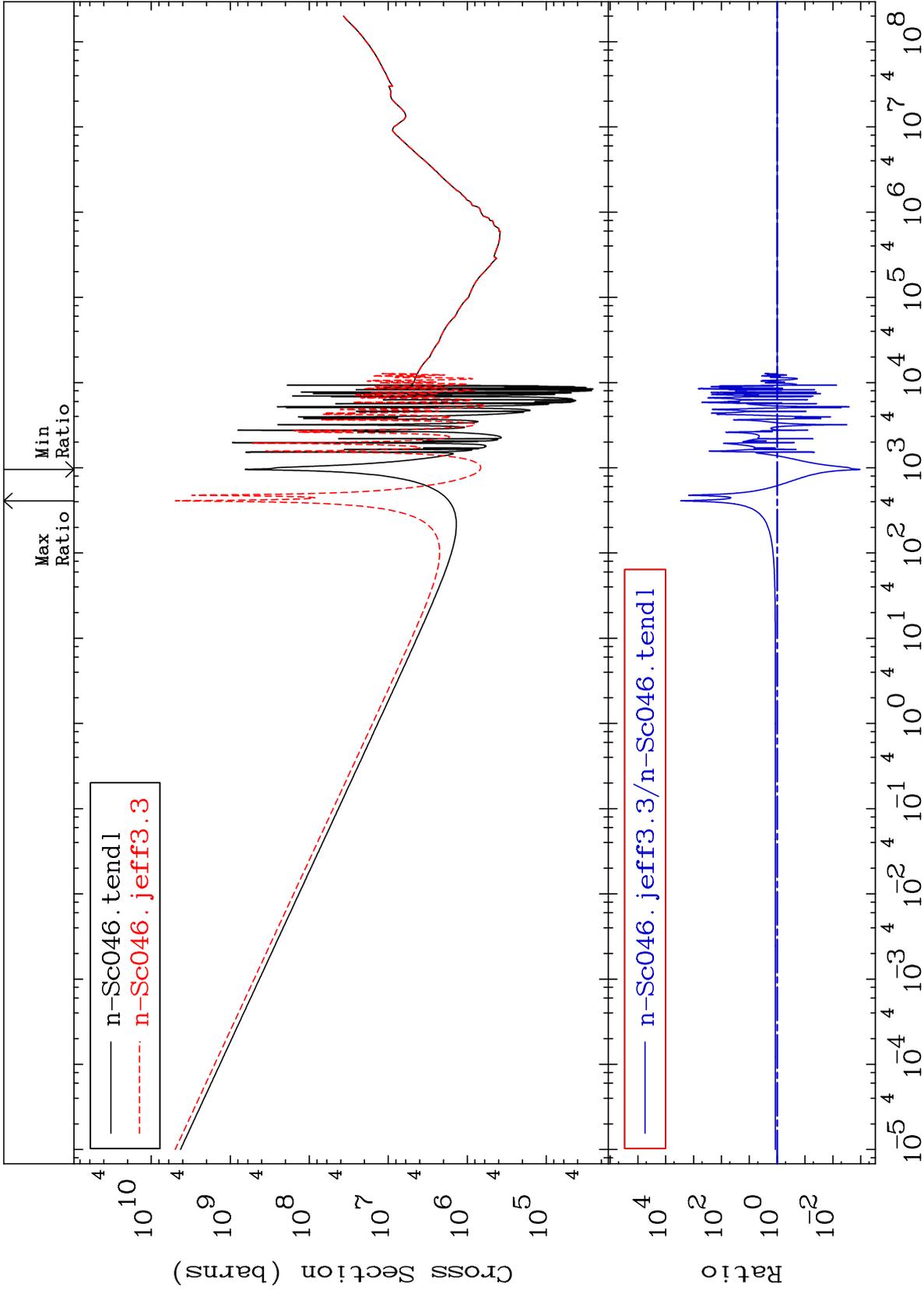


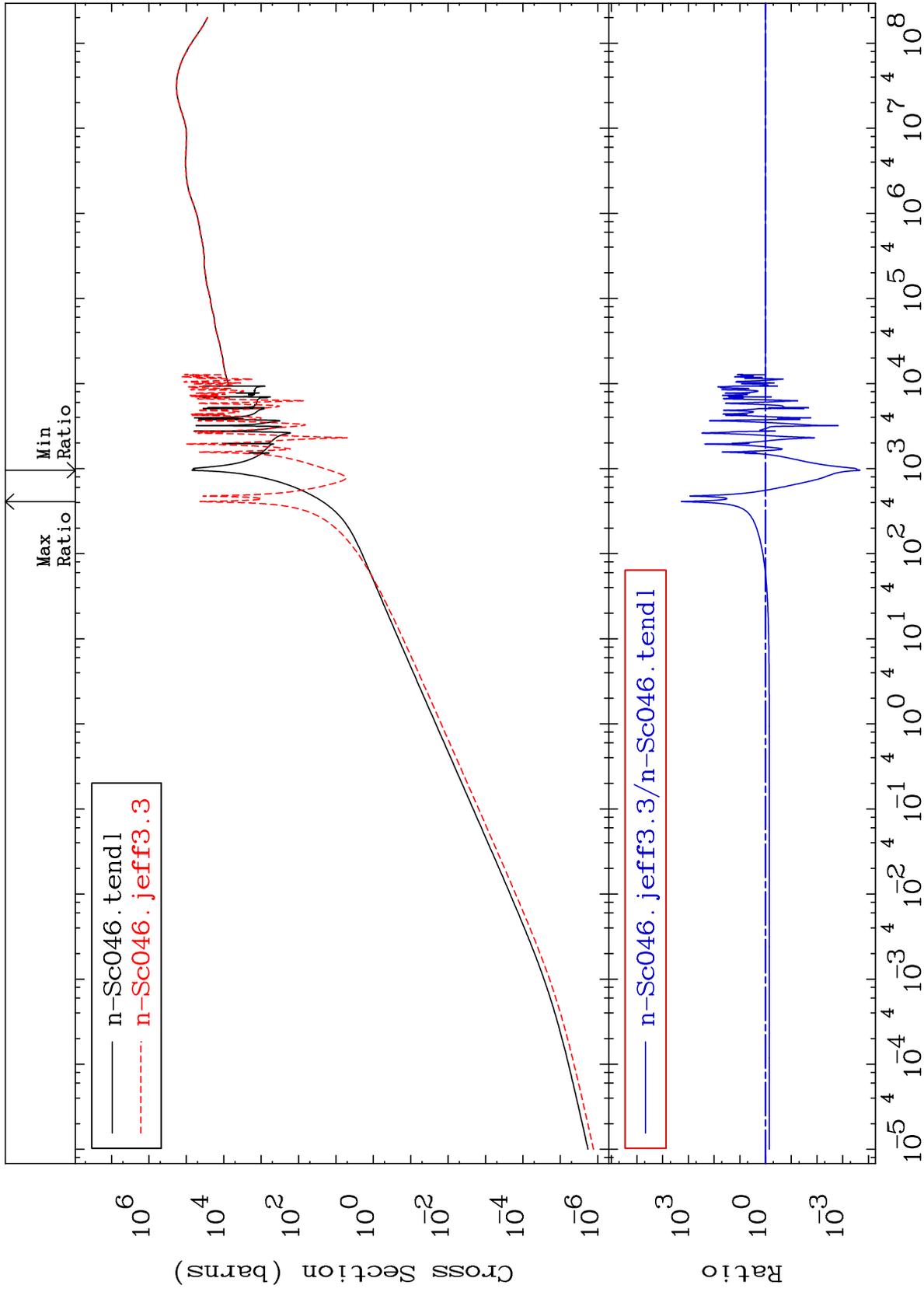
MAT 2128

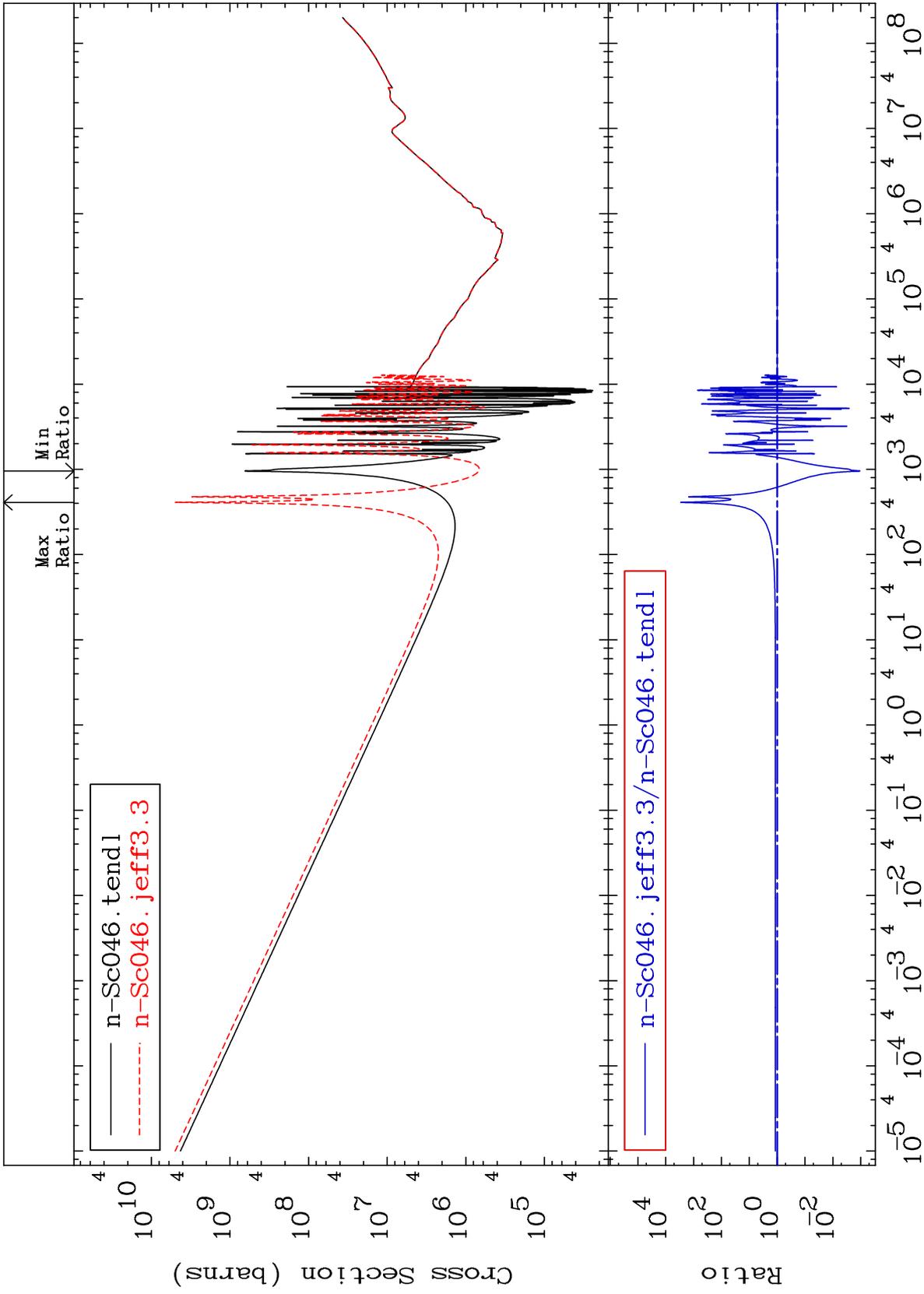
He-4 Production  
Cross Section

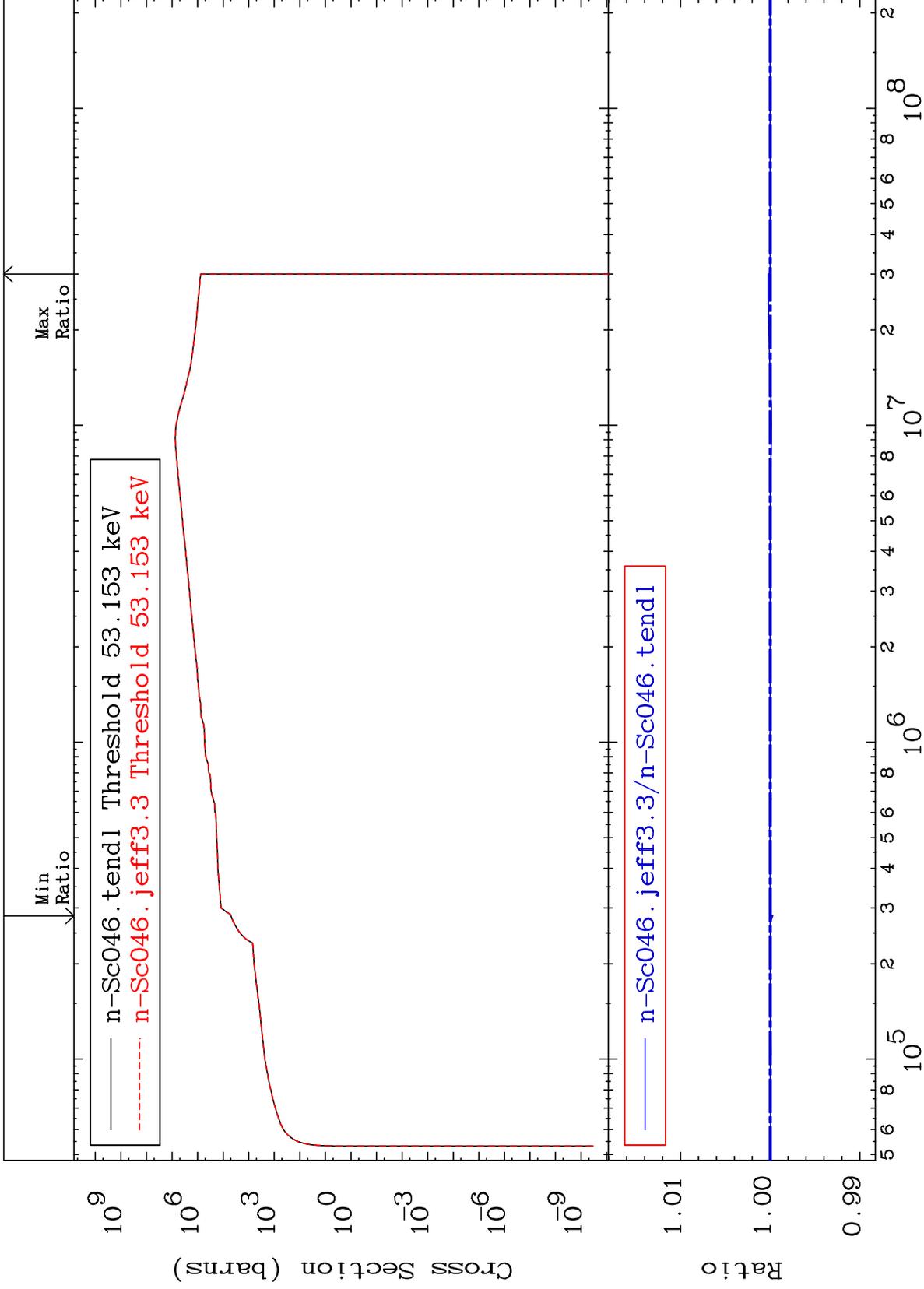
21-Sc-46  
-0.851 To 289.8 %

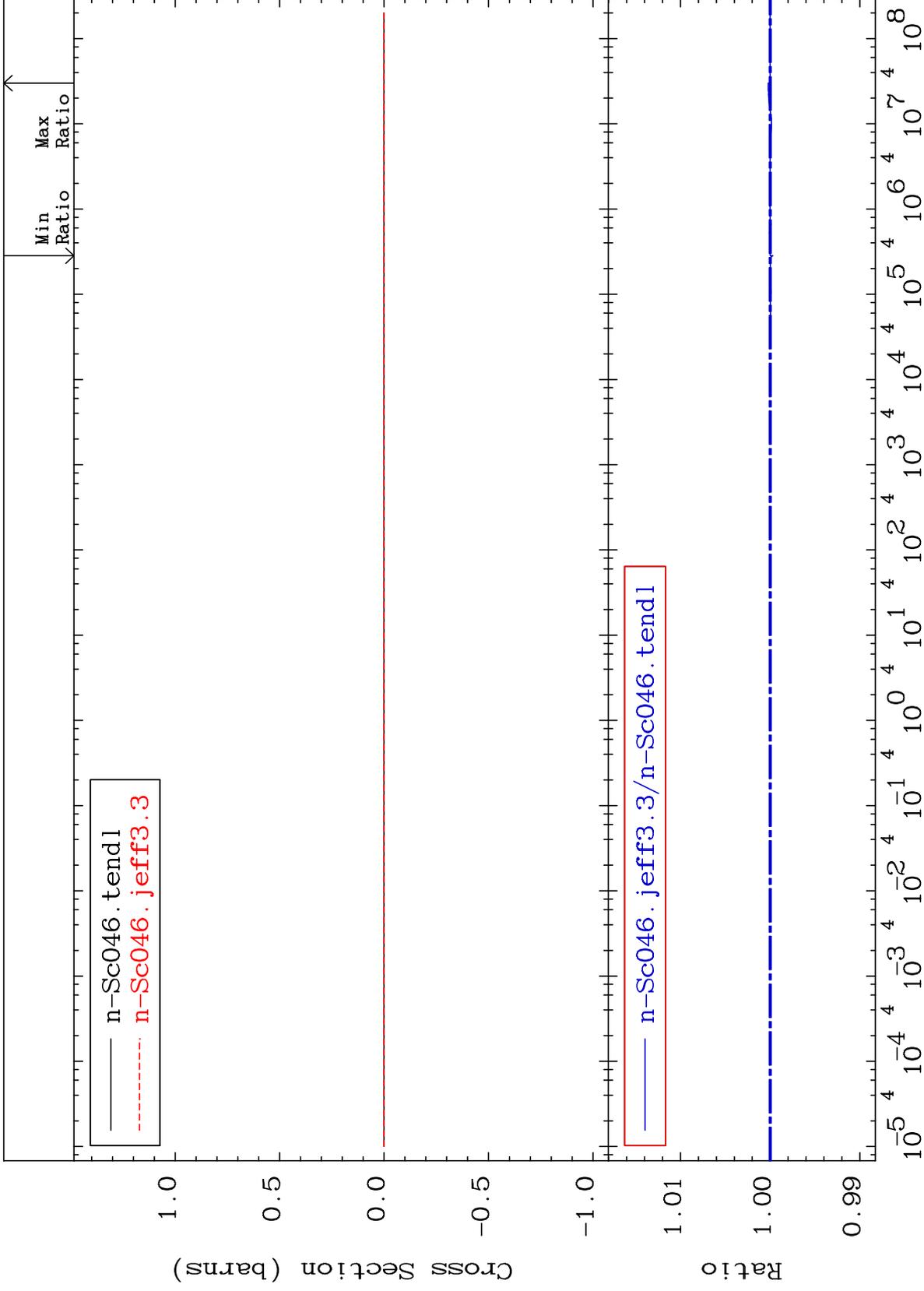


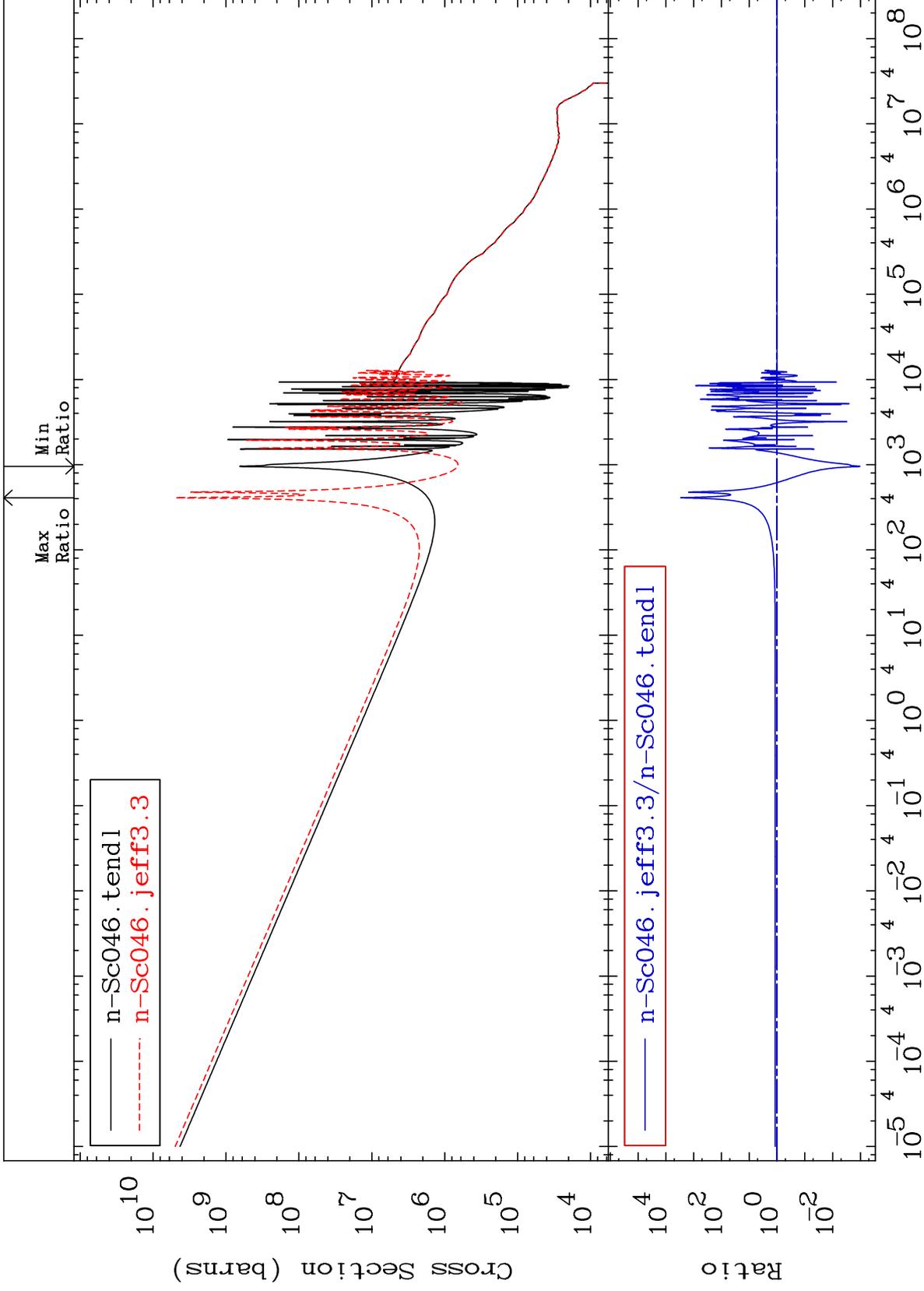


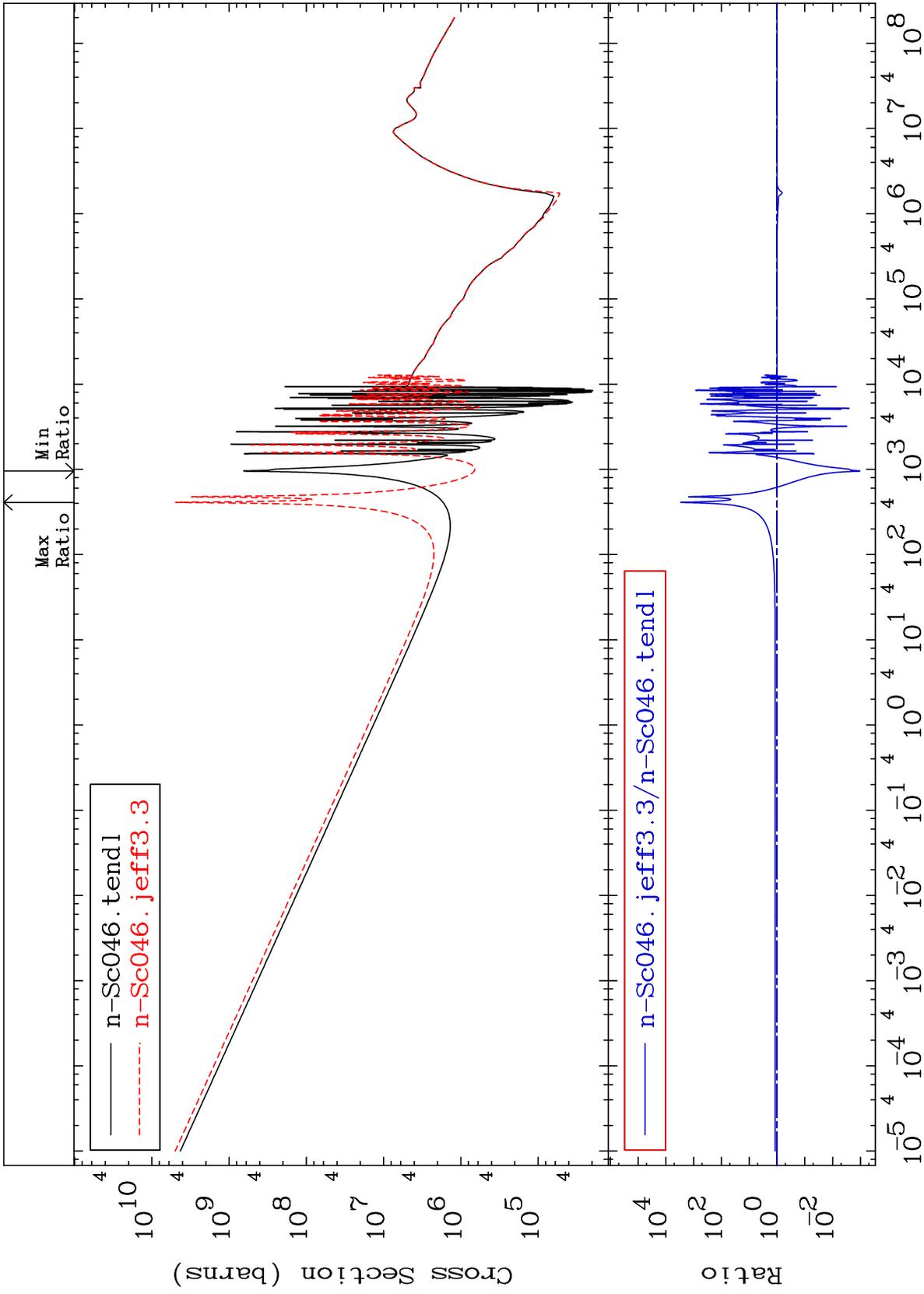


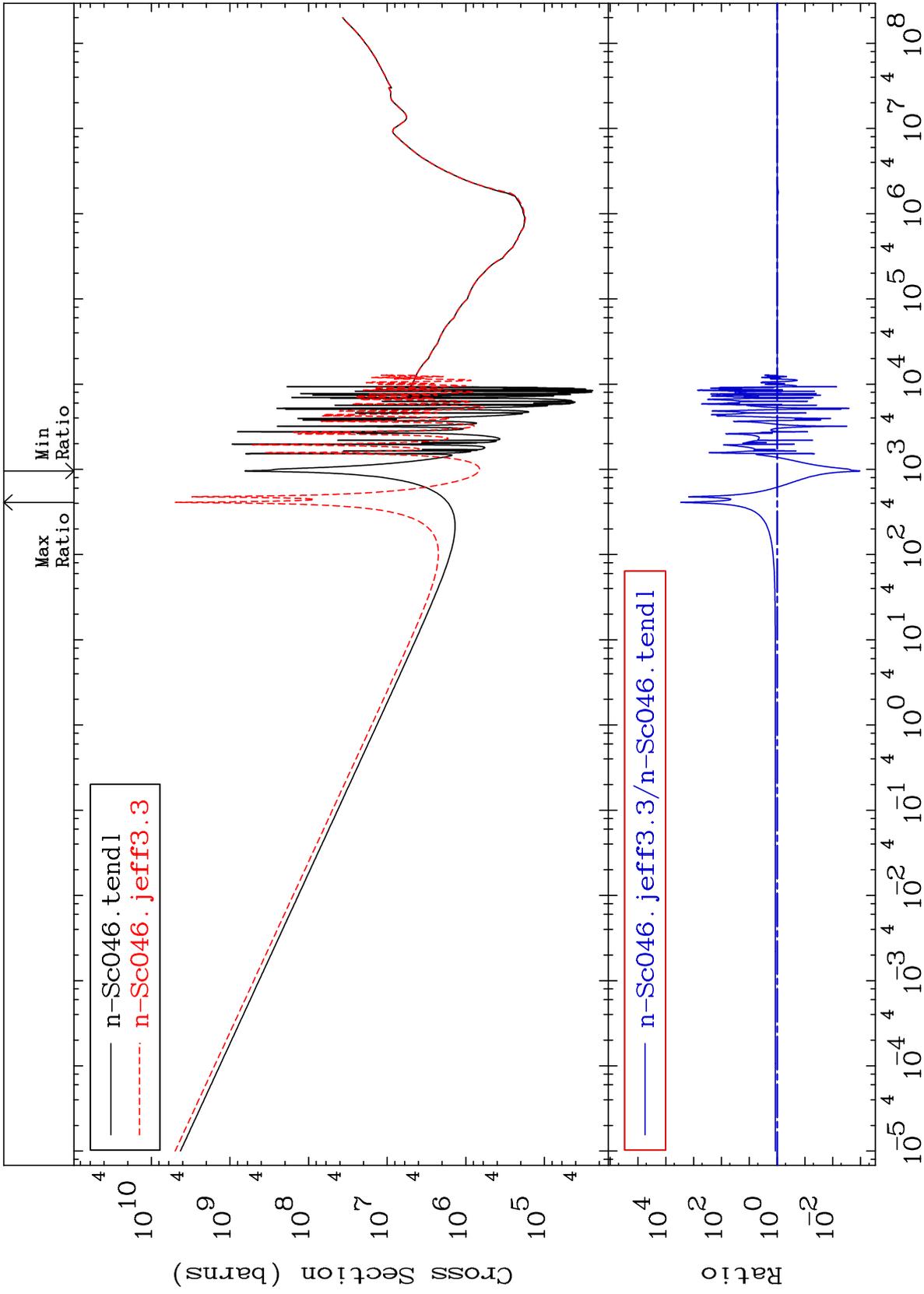


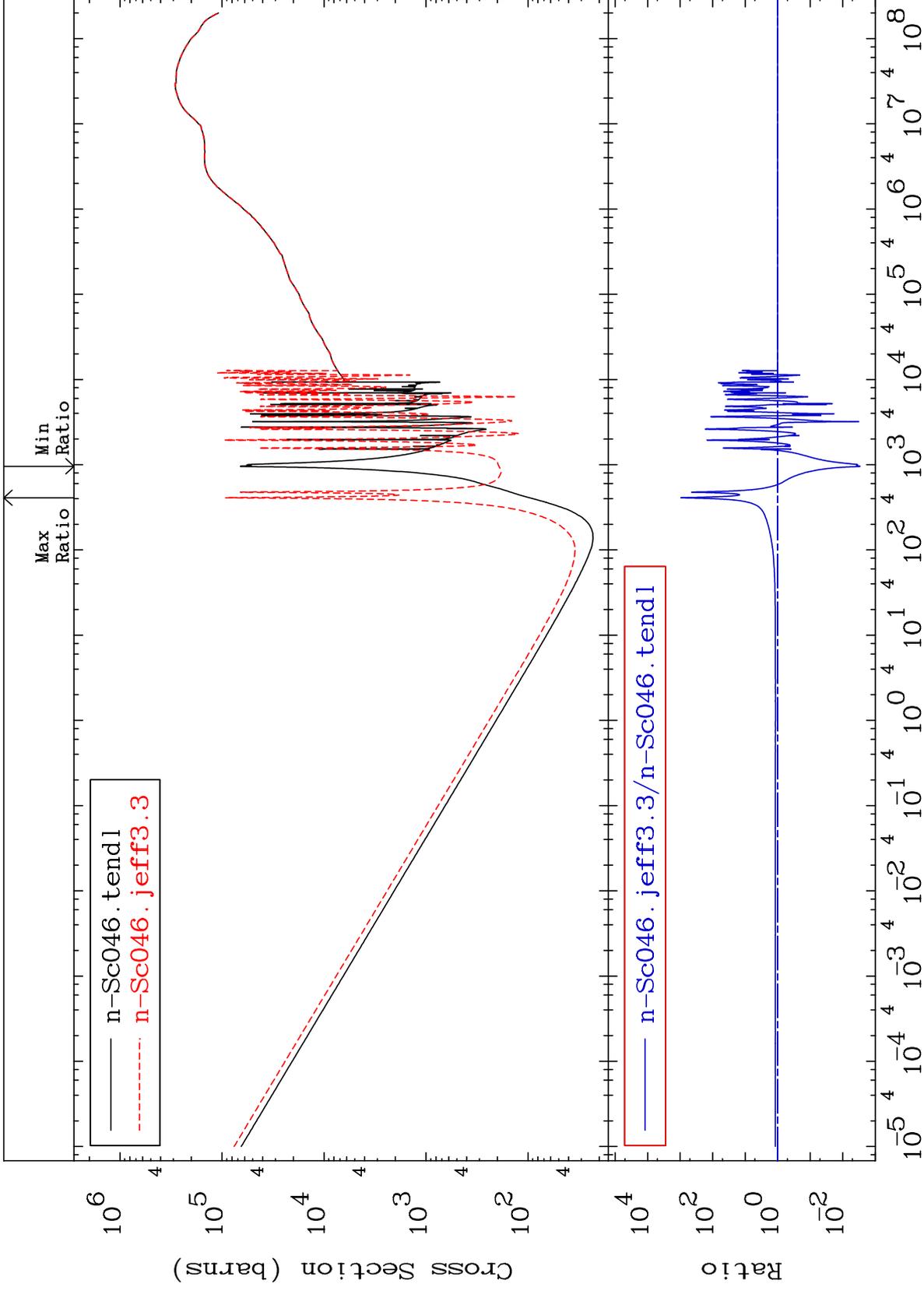


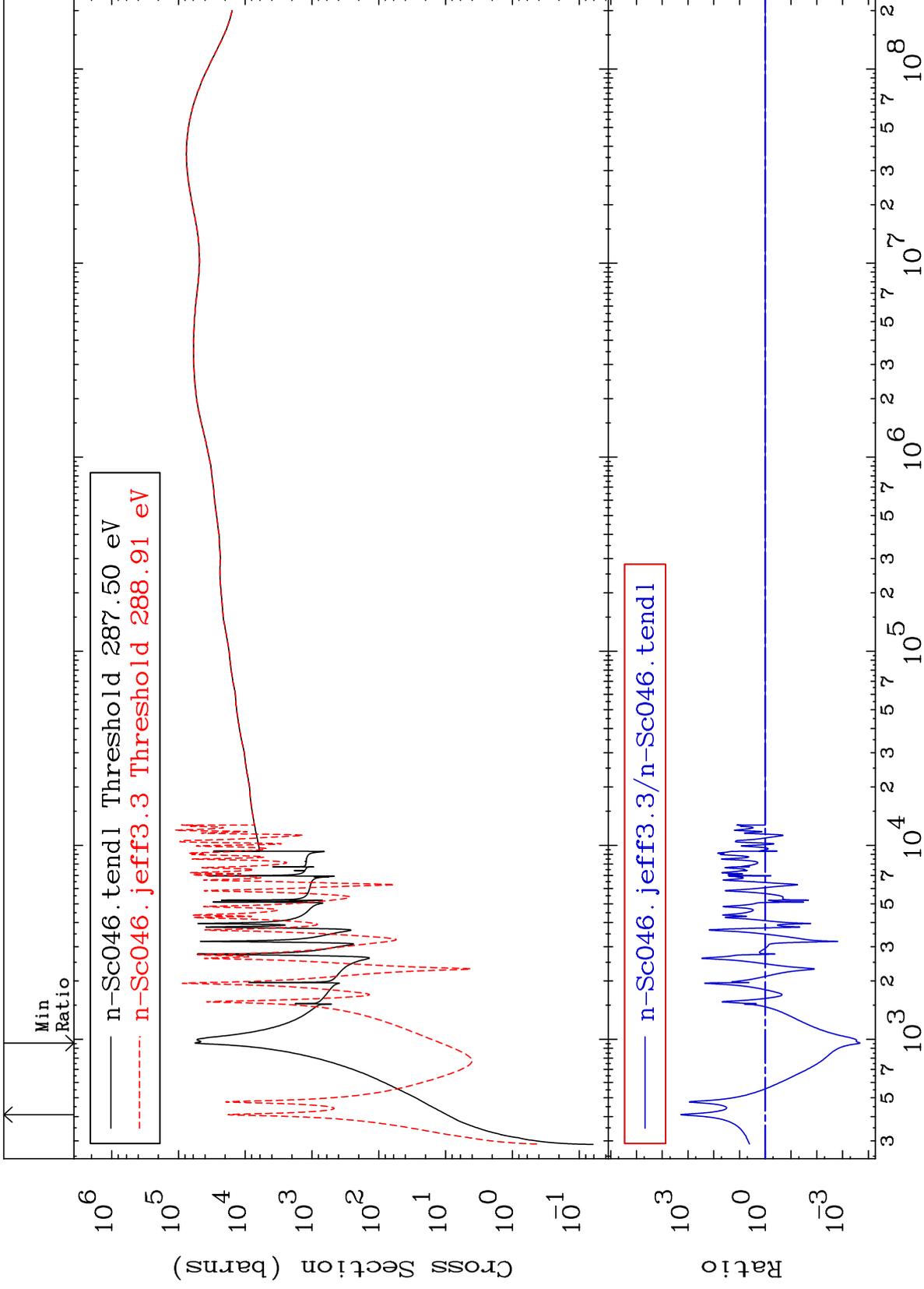


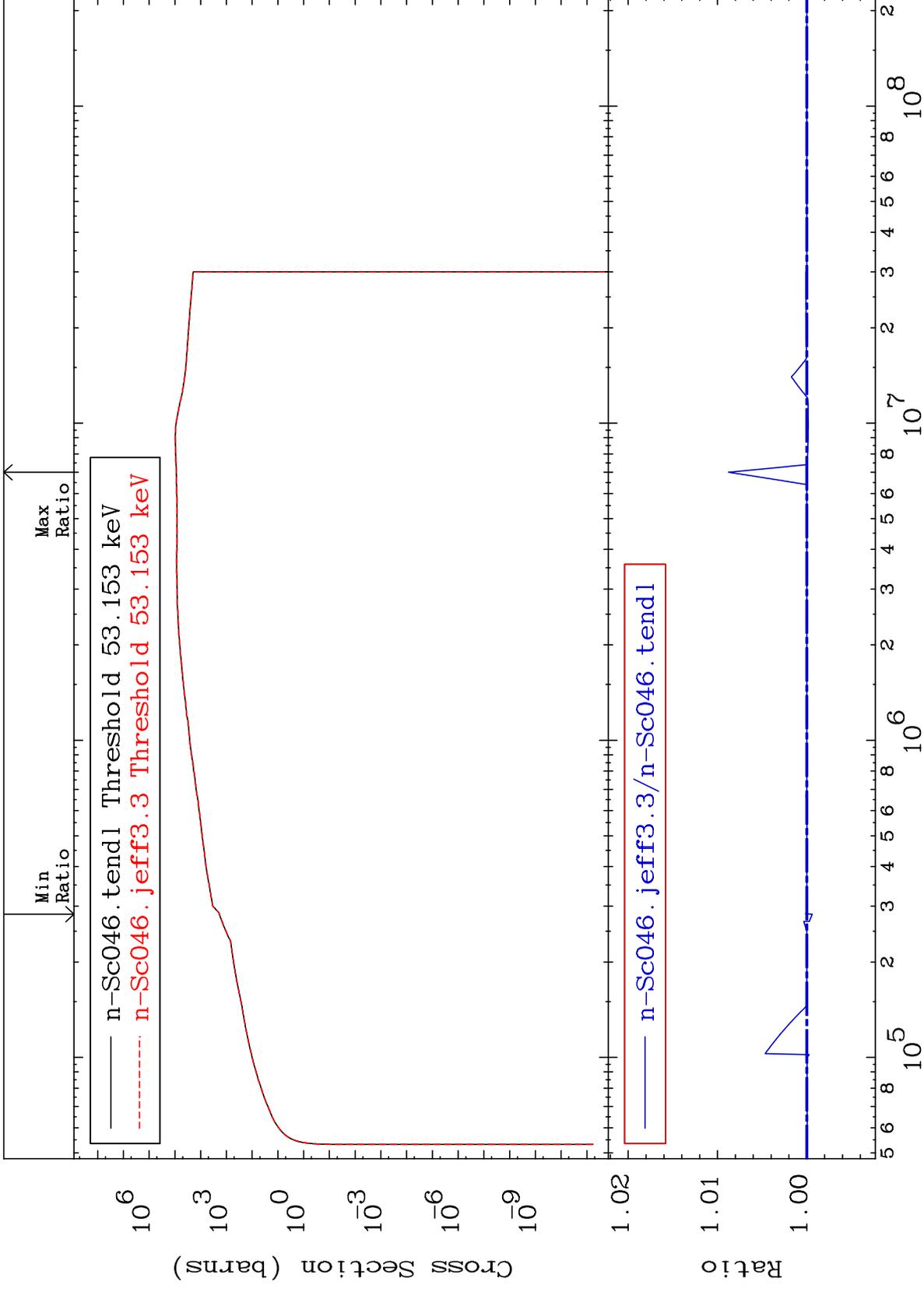


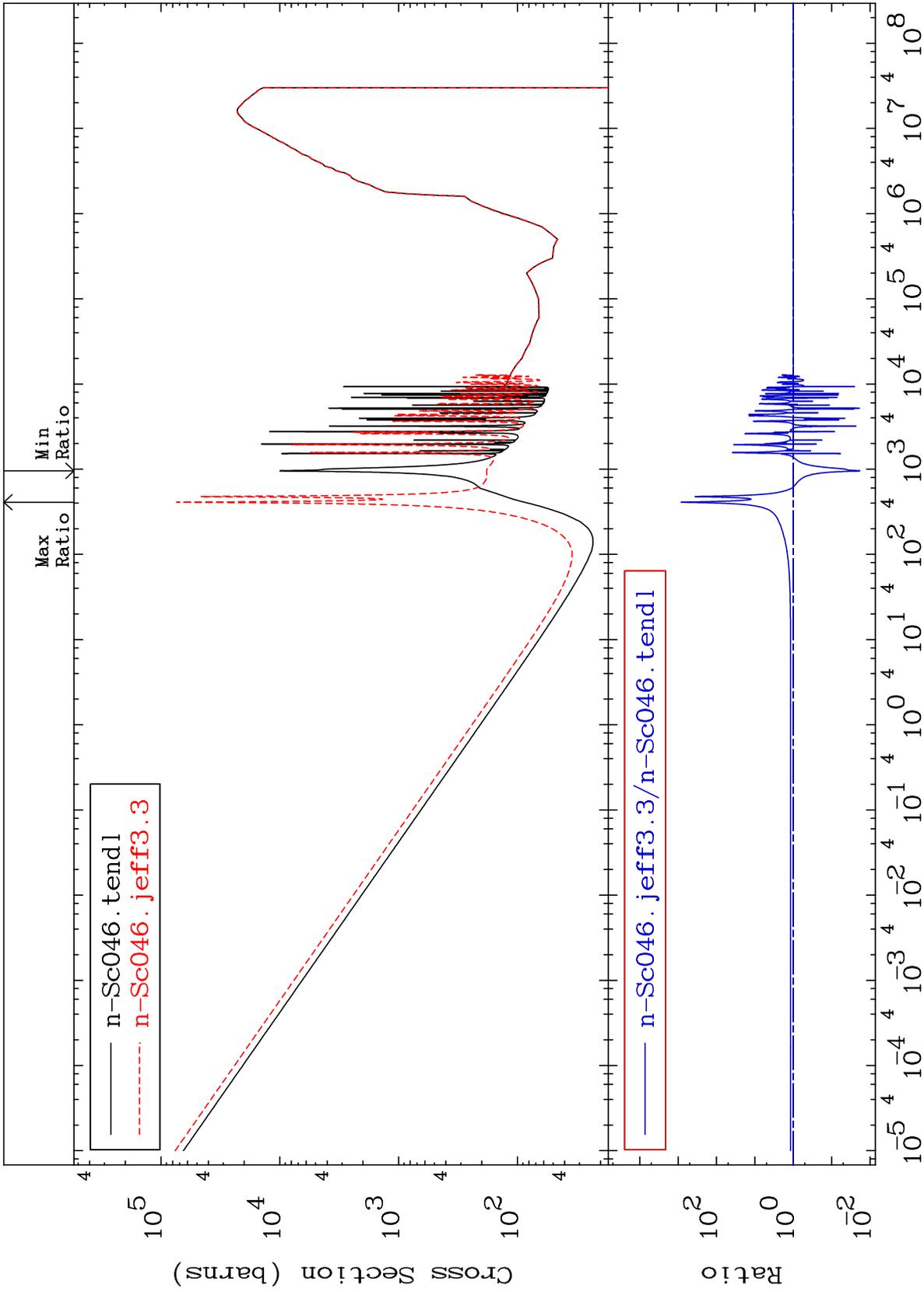




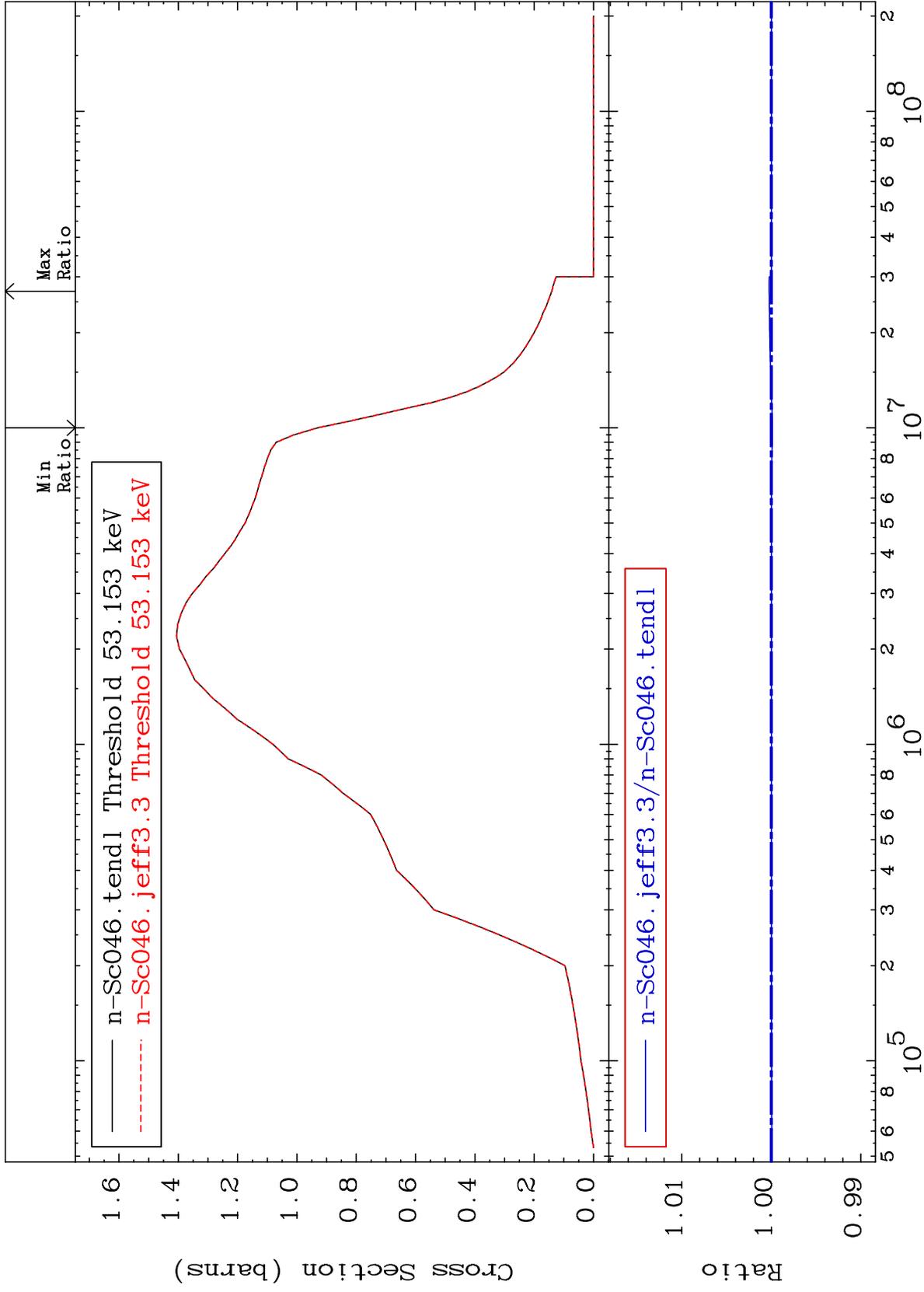








Radionuclide Production Cross Section -0.010 To 0.025 %

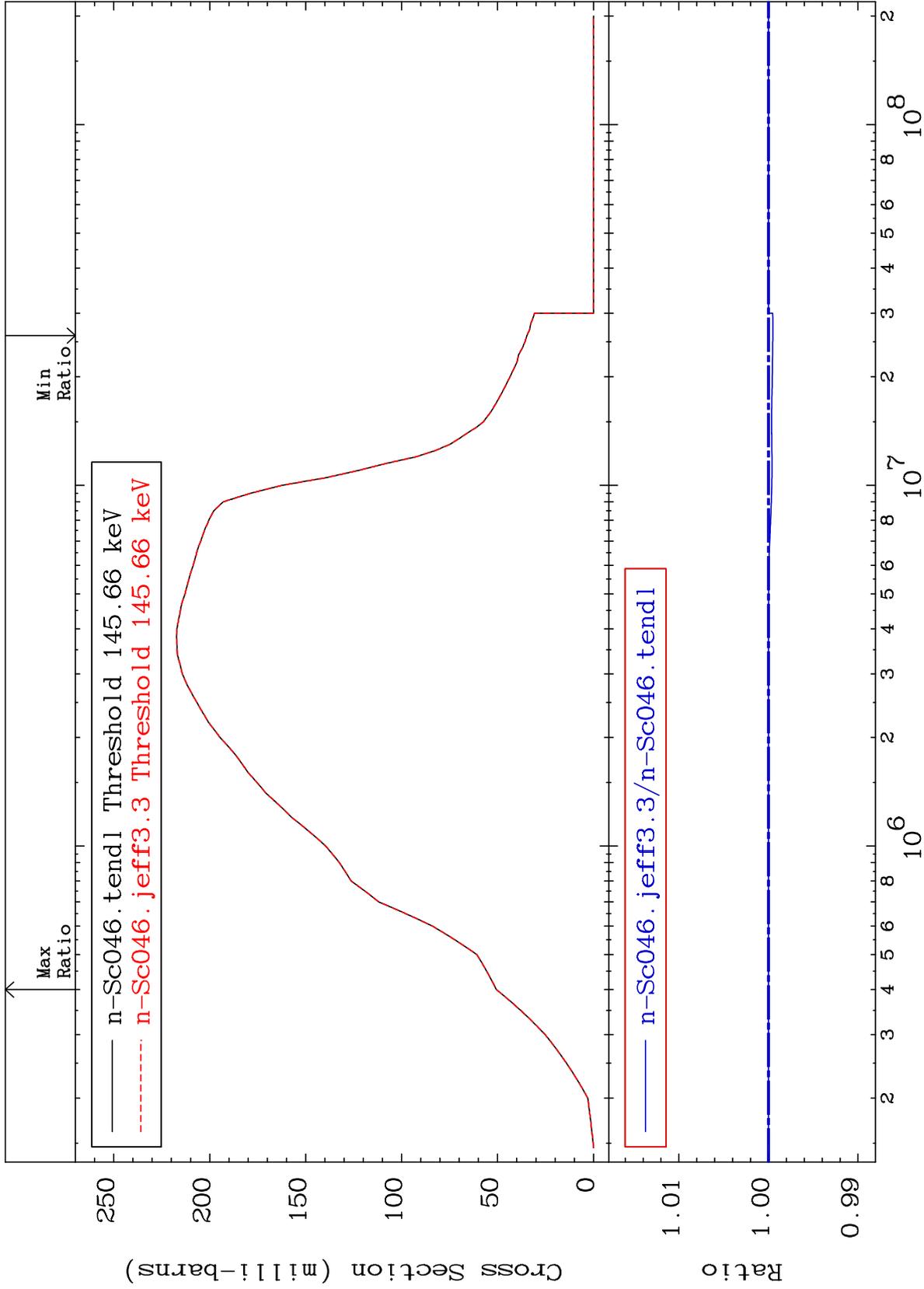


MAT 2128

Inelastic:21-Sc-46m2

21-Sc-46

Radionuclide Production Cross Section -0.050 To 0.000 %



74

Incident Energy (eV)

21-Sc-46

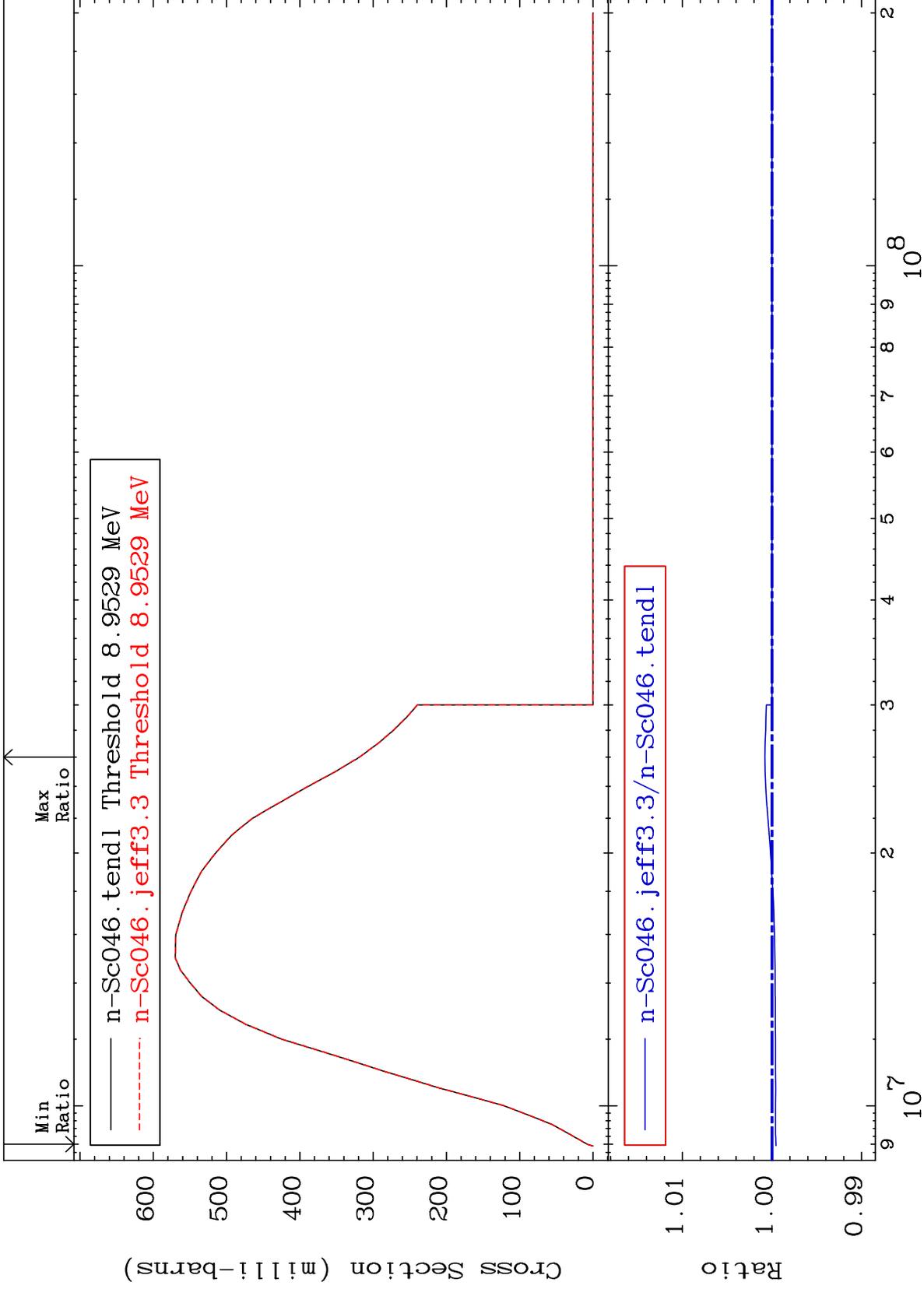
MAT 2128

(n,2n):21-Sc-45g

21-Sc-46

Radionuclide Production Cross Section

-0.044 To 0.079 %



75

Incident Energy (eV)

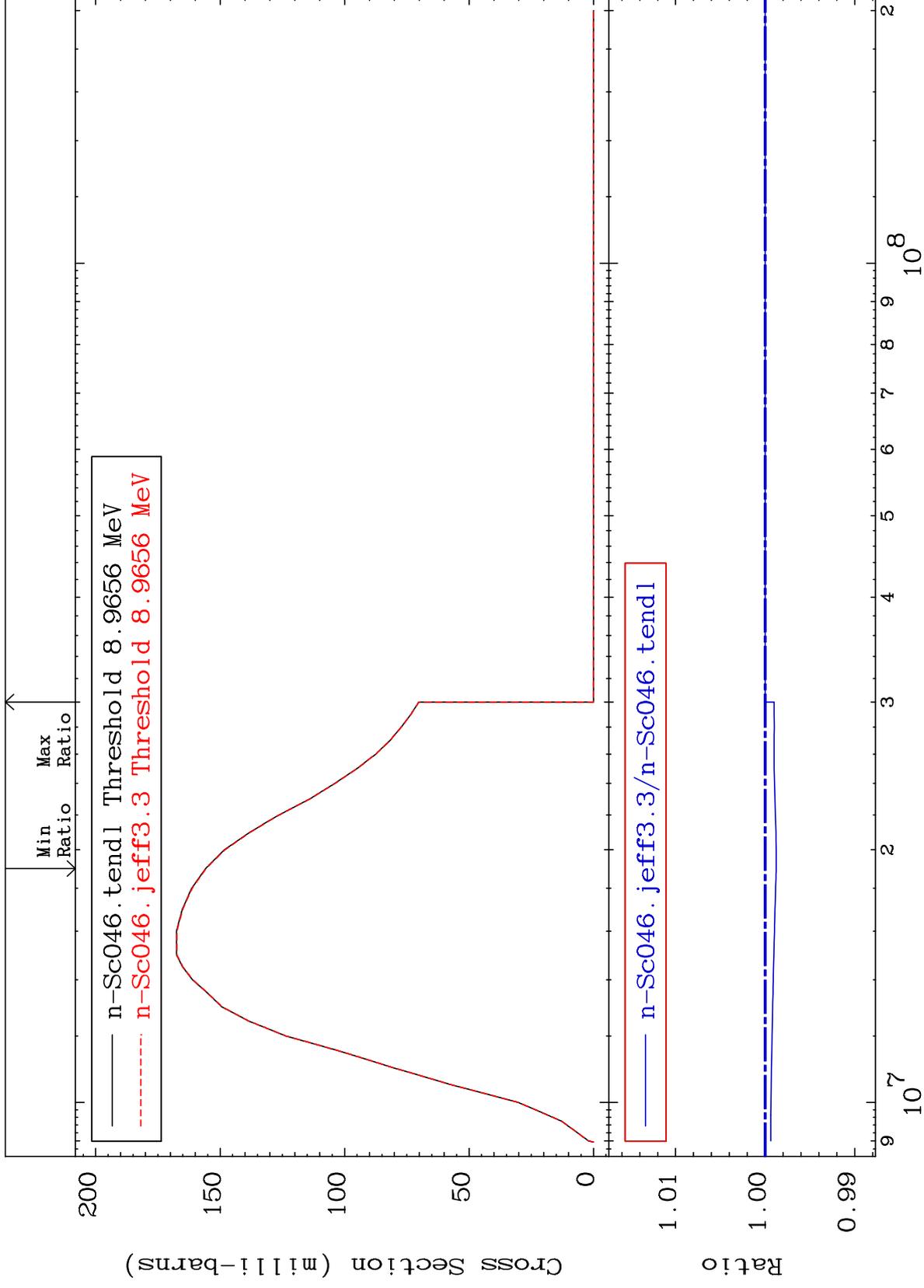
21-Sc-46

MAT 2128

(n,2n):21-Sc-45m1

21-Sc-46

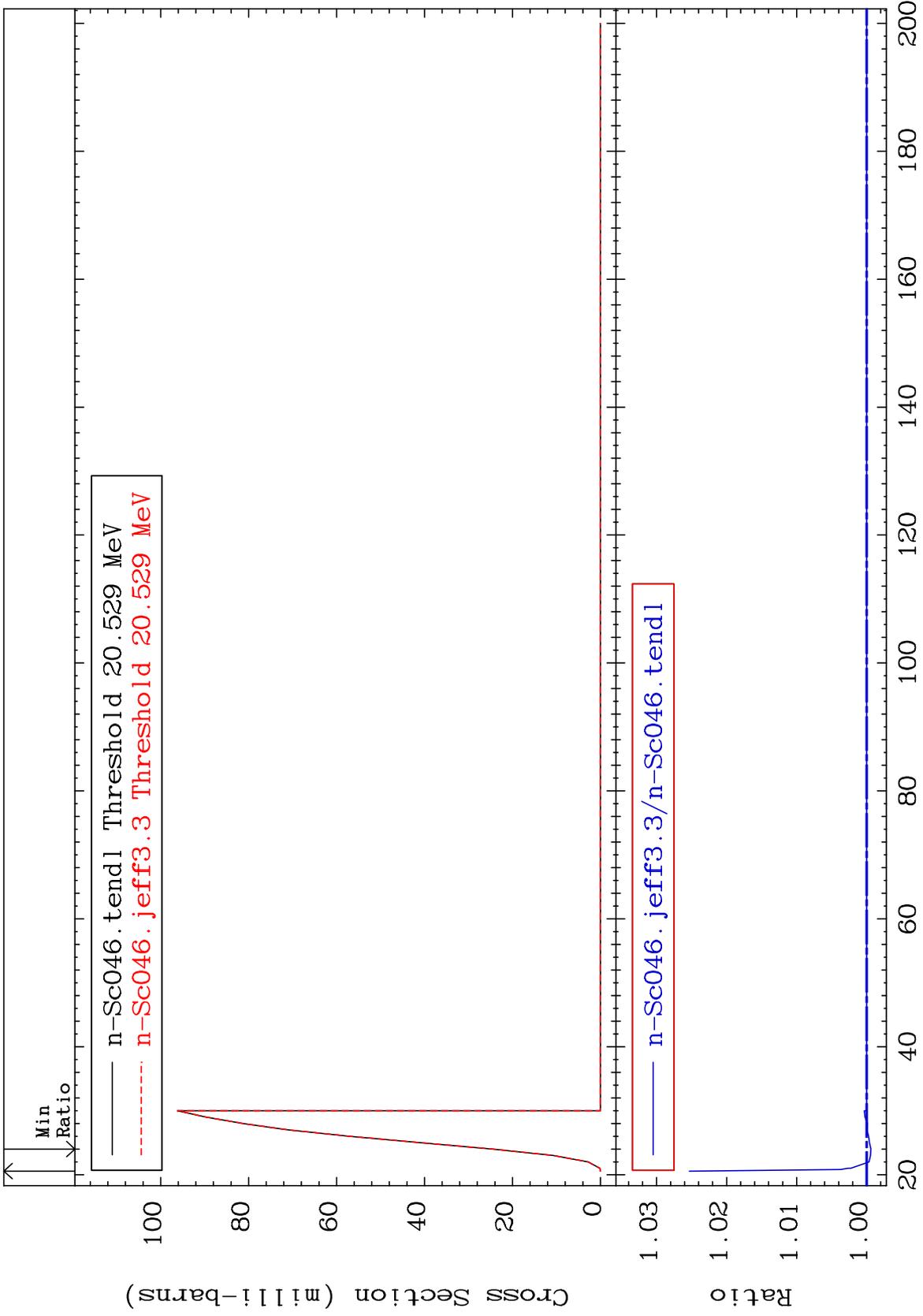
Radionuclide Production Cross Section -0.123 To 0.000 %



76

Incident Energy (eV)

21-Sc-46

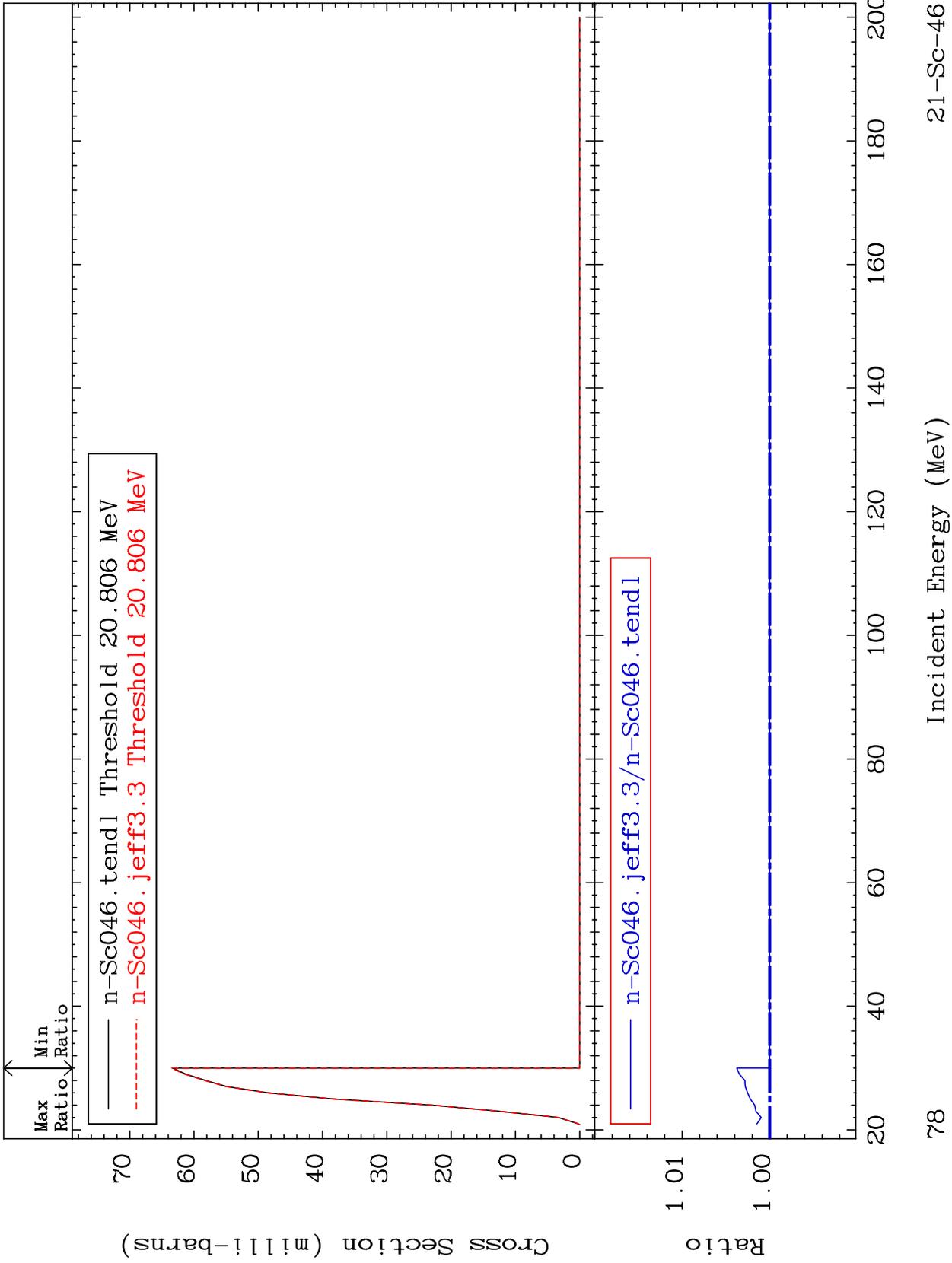


MAT 2128

(n,3n):21-Sc-44m4

21-Sc-46

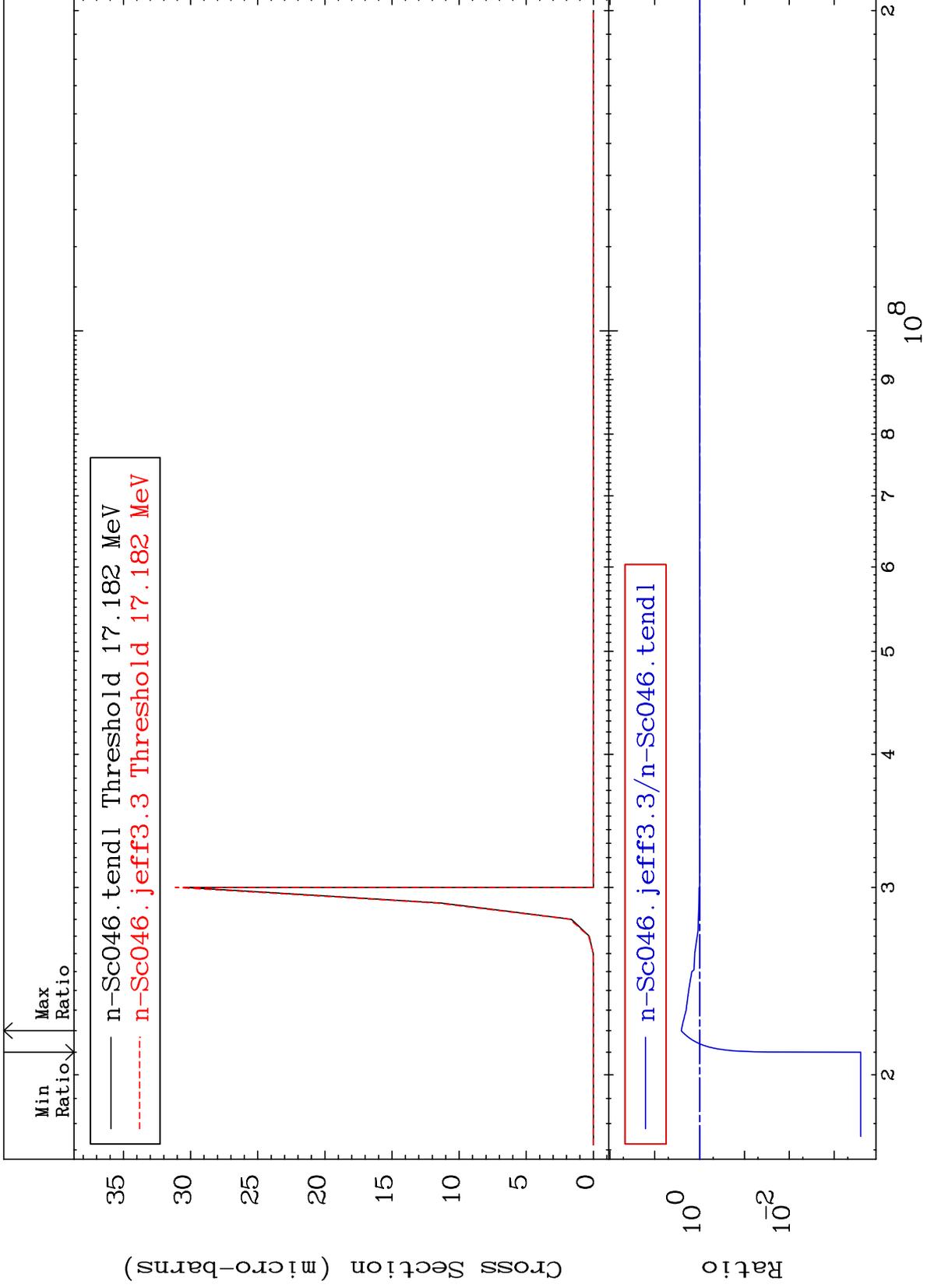
Radionuclide Production Cross Section 0.000 To 0.377 %



78

21-Sc-46

Radionuclide Production Cross Section -99.97 To 156.7 %



Radionuclide Production Cross Section -96.72 To 207.3 %

