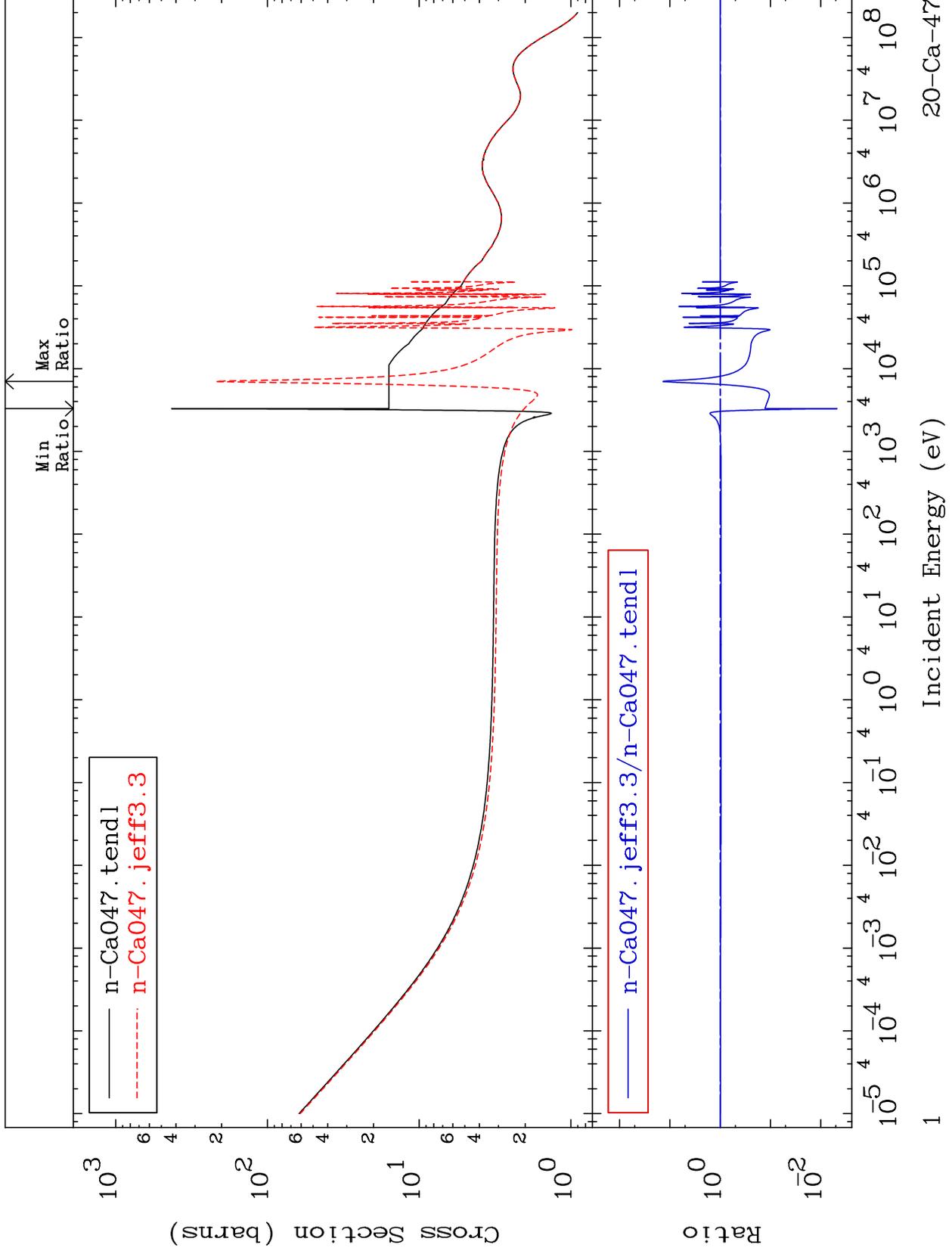


MAT 2046

Total  
Cross Section

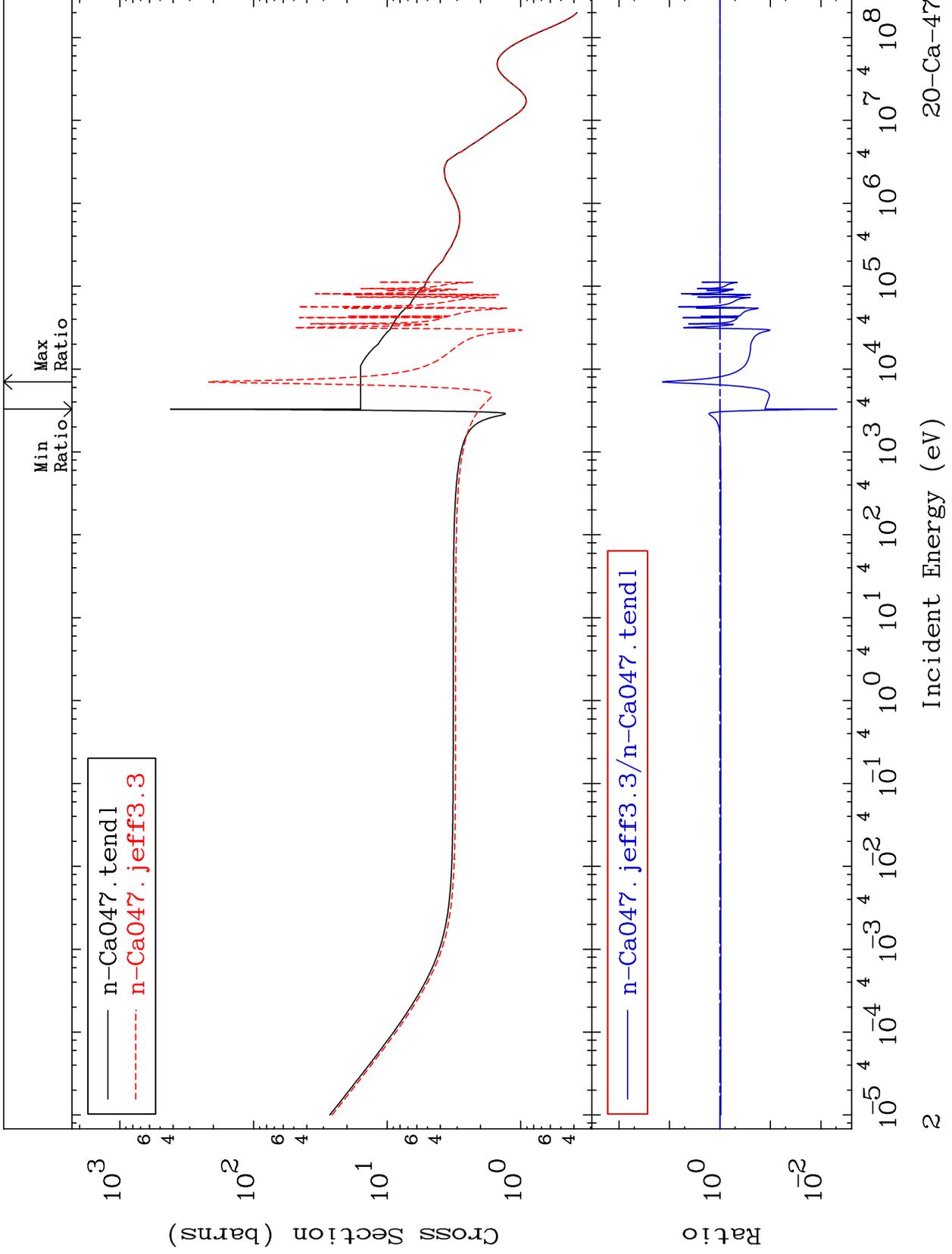
20-Ca-47  
-99.53 To 1285. %



MAT 2046

Elastic  
Cross Section

20-Ca-47  
-99.52 To 1283. %



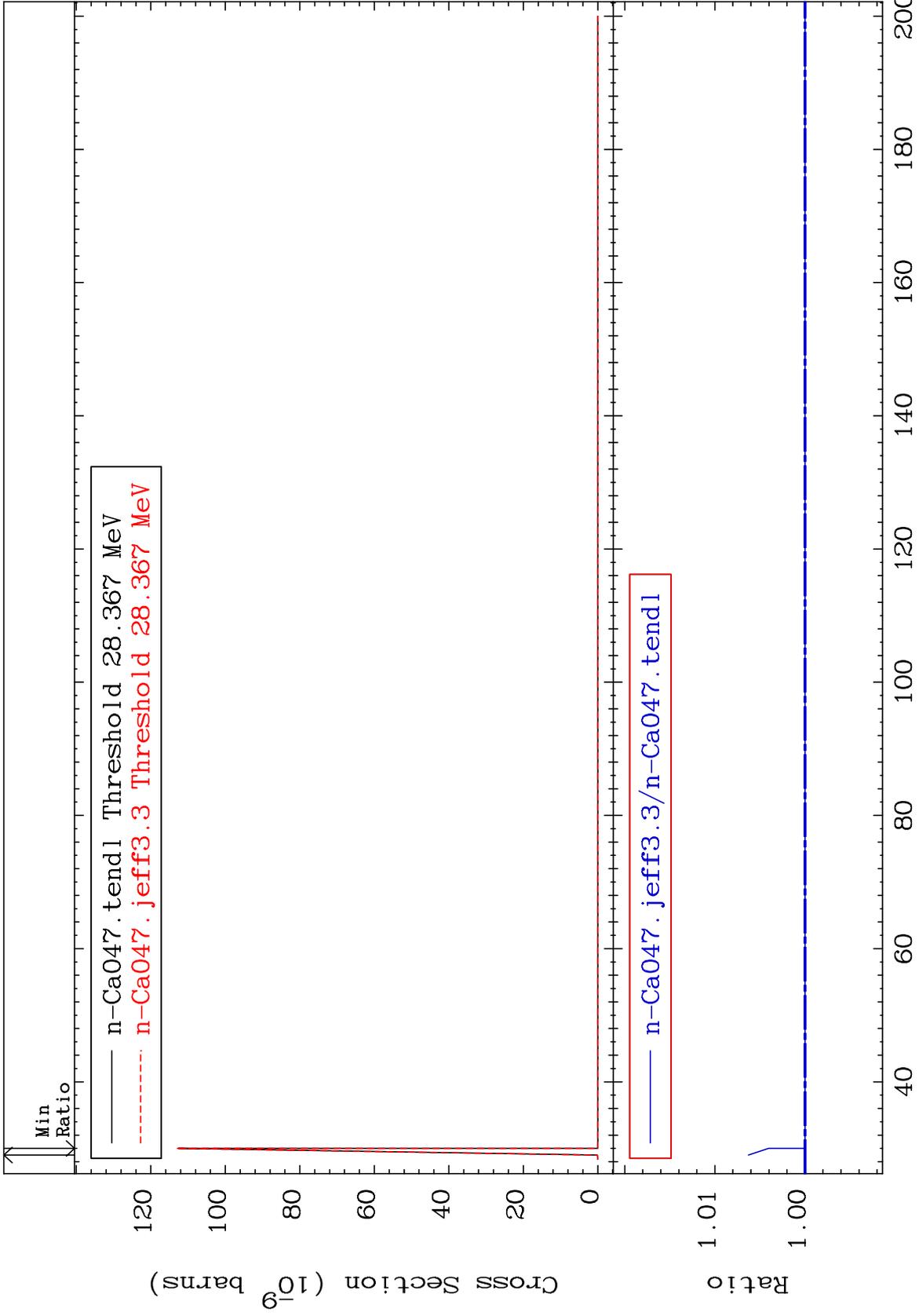
MAT 2046

(n,2n) d

20-Ca-47

Cross Section

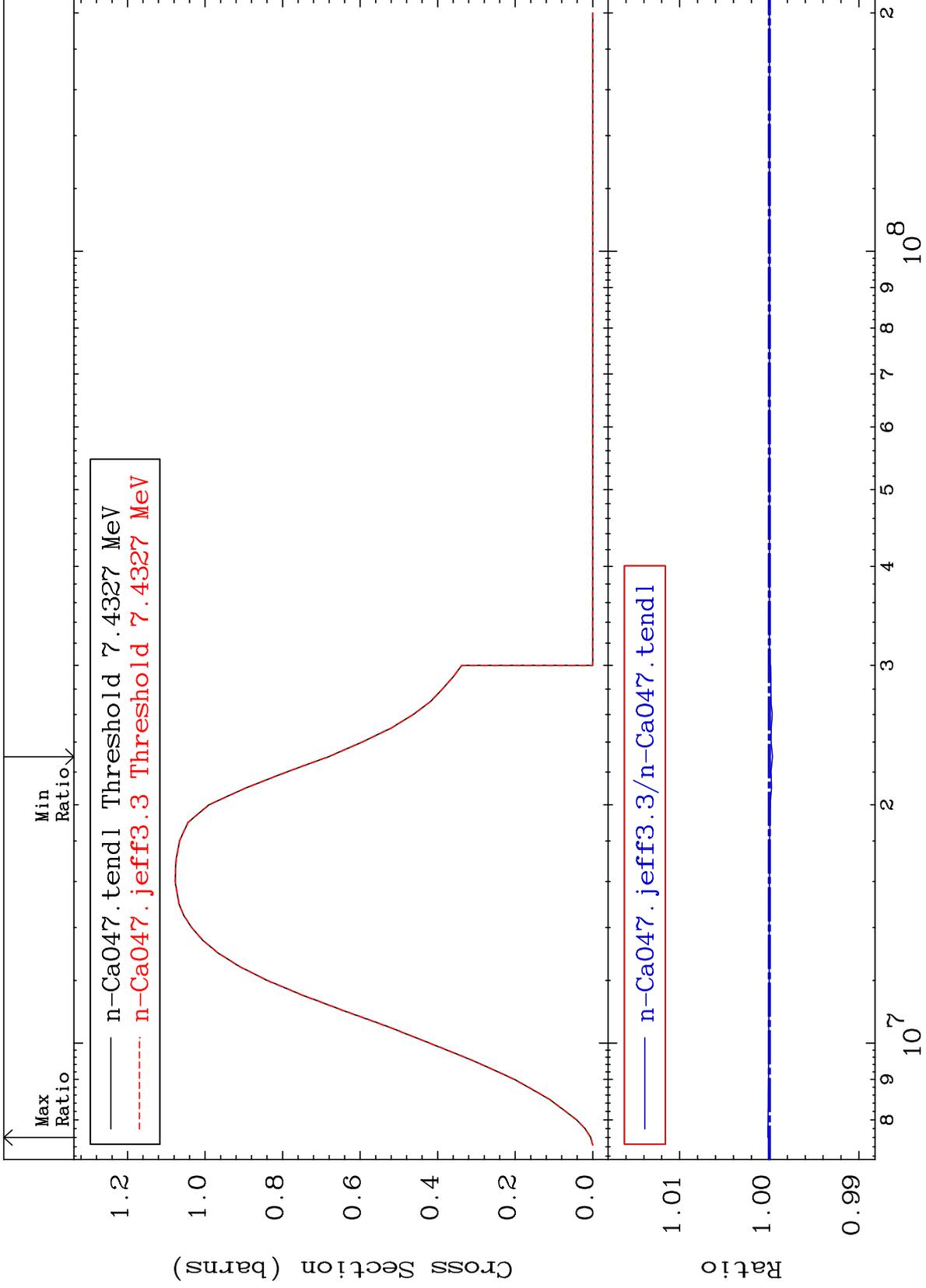
0.000 To 0.627 %



MAT 2046

(n,2n)  
Cross Section

20-Ca-47  
-0.035 To 0.017 %



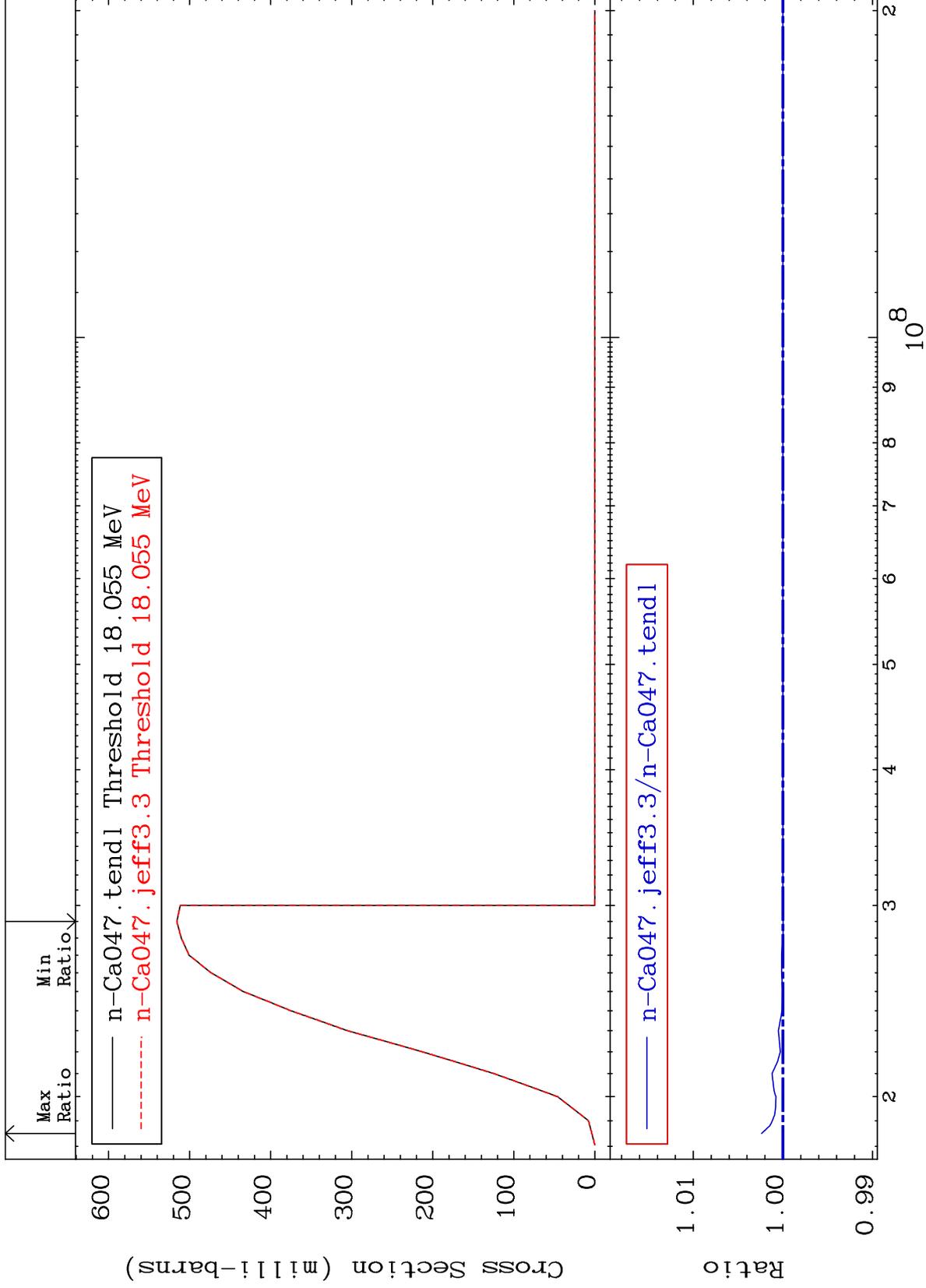
MAT 2046

(n,3n)

20-Ca-47

Cross Section

-0.002 To 0.237 %



5

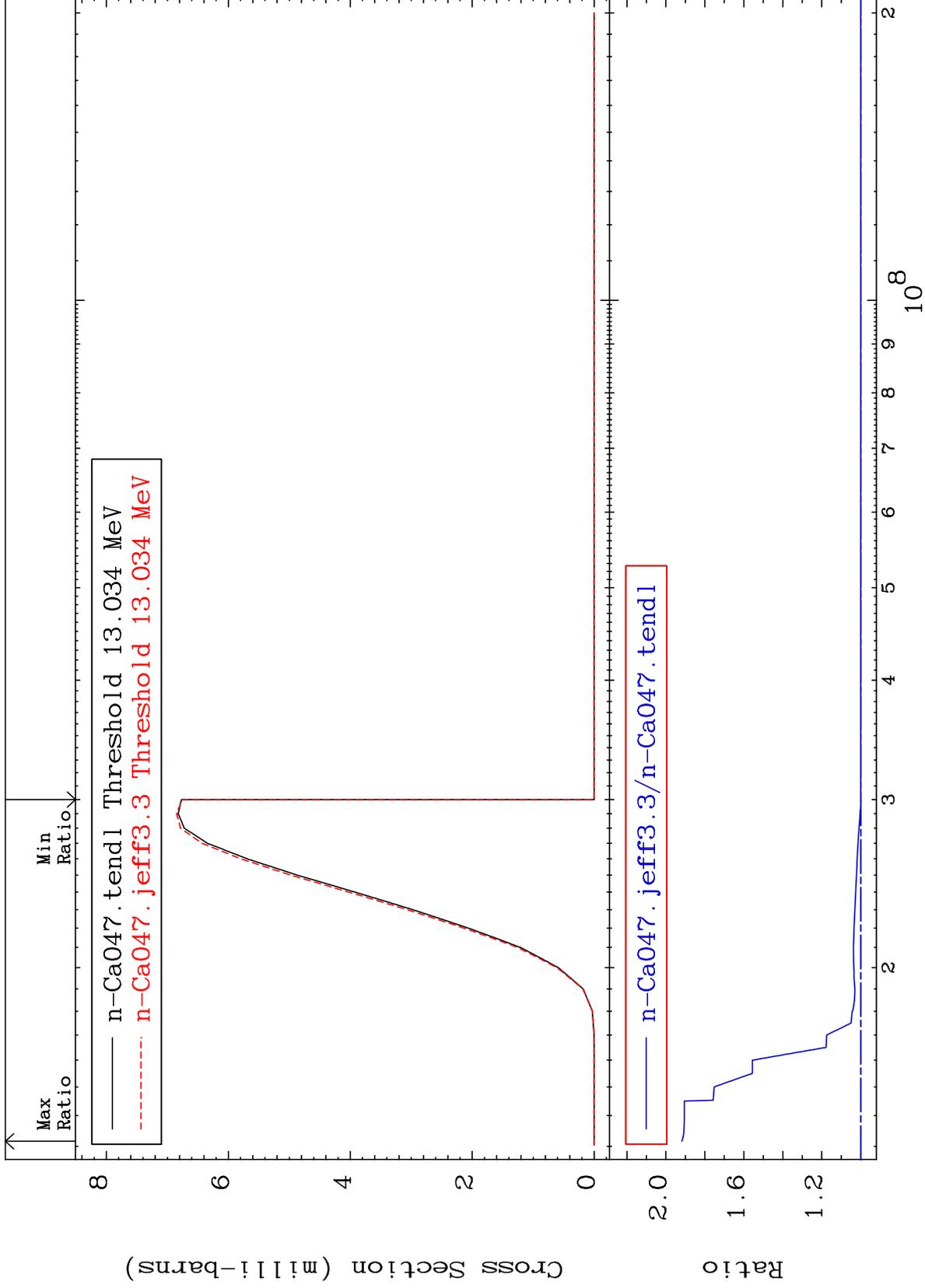
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.190 To 91.77 %



6

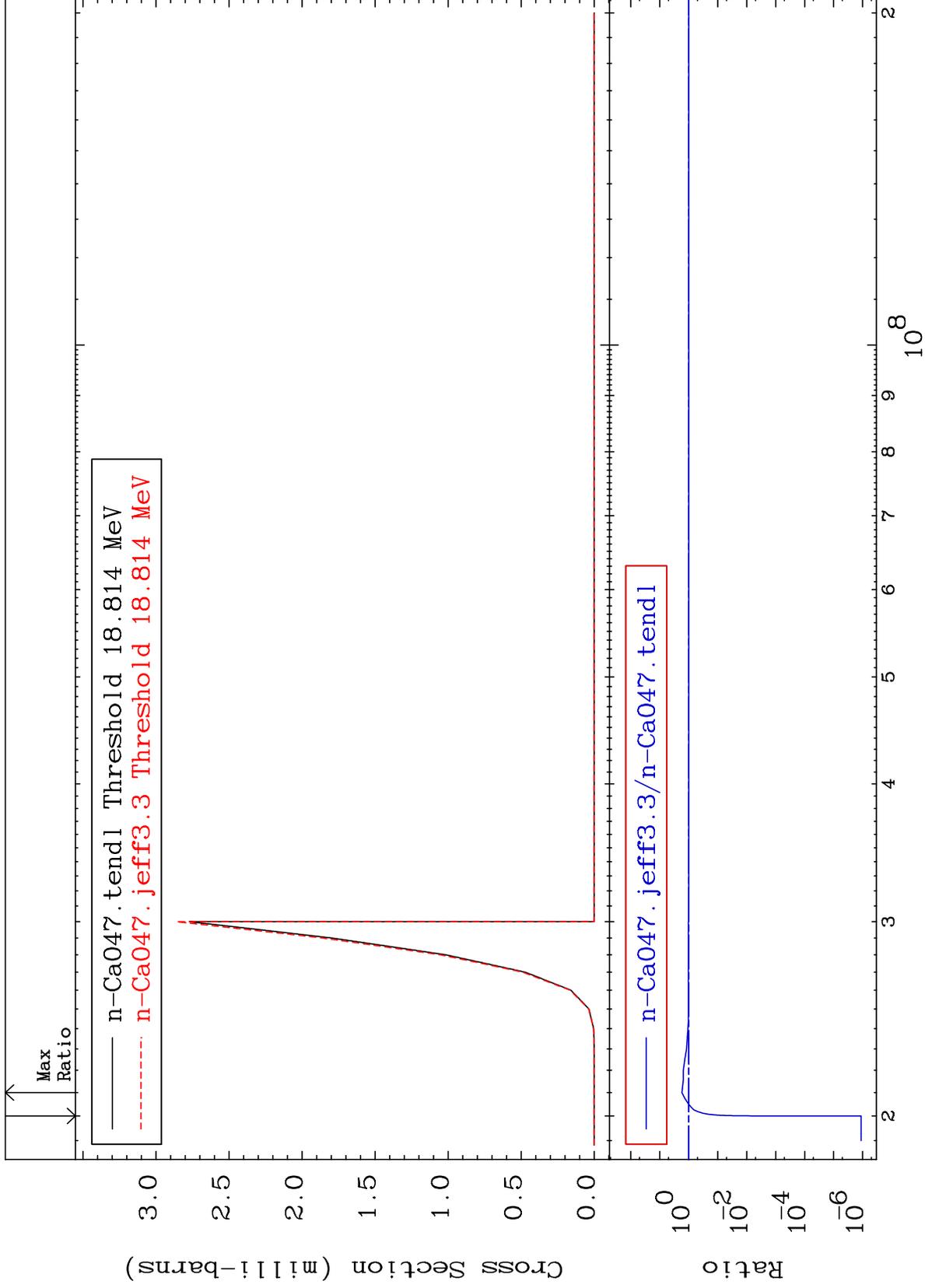
Incident Energy (eV)

20-Ca-47

MAT 2046

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

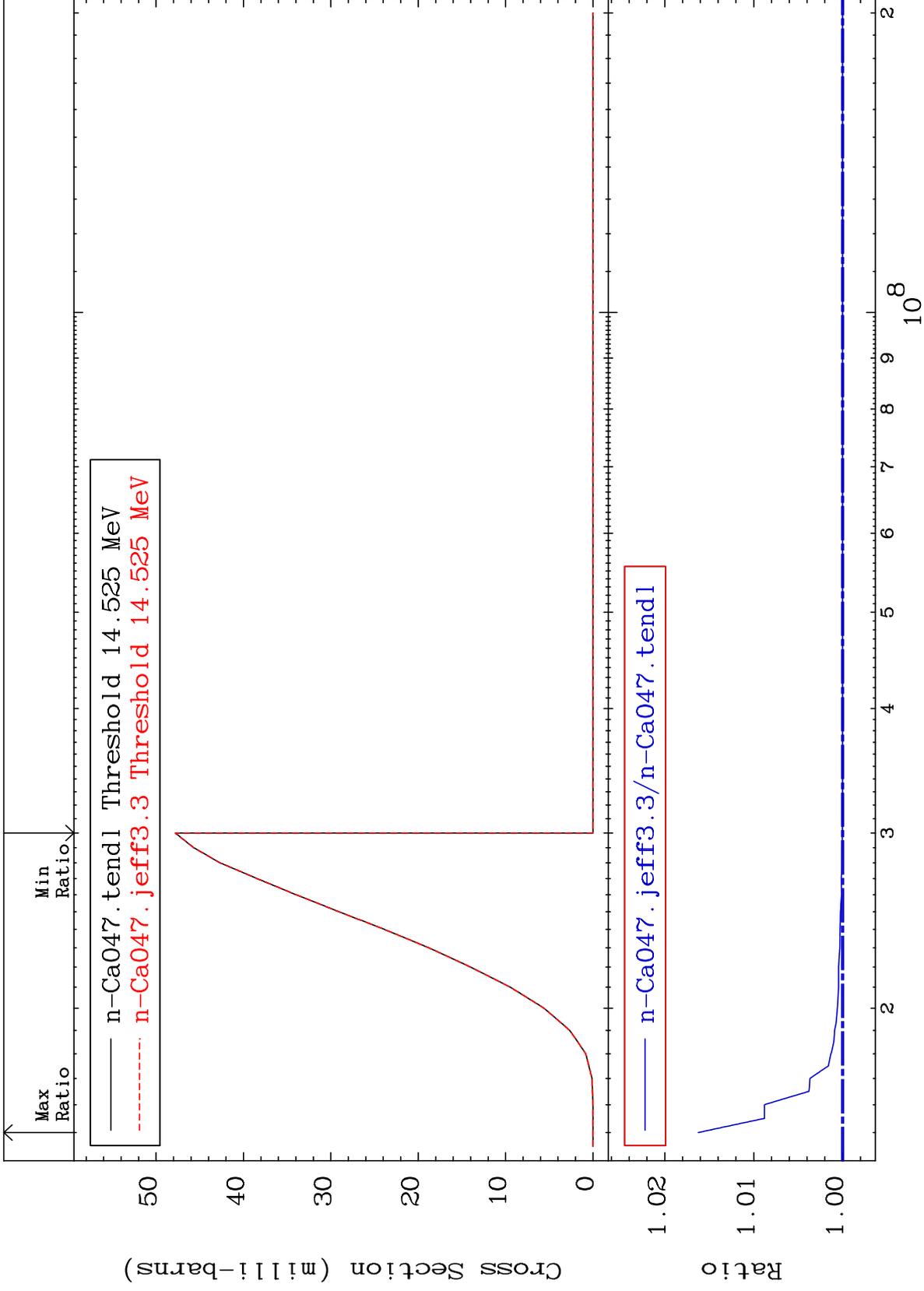
20-Ca-47  
-100.0 To 72.26 %



MAT 2046

(n,n') p  
Cross Section

20-Ca-47  
To 1.624 %



MAT 2046

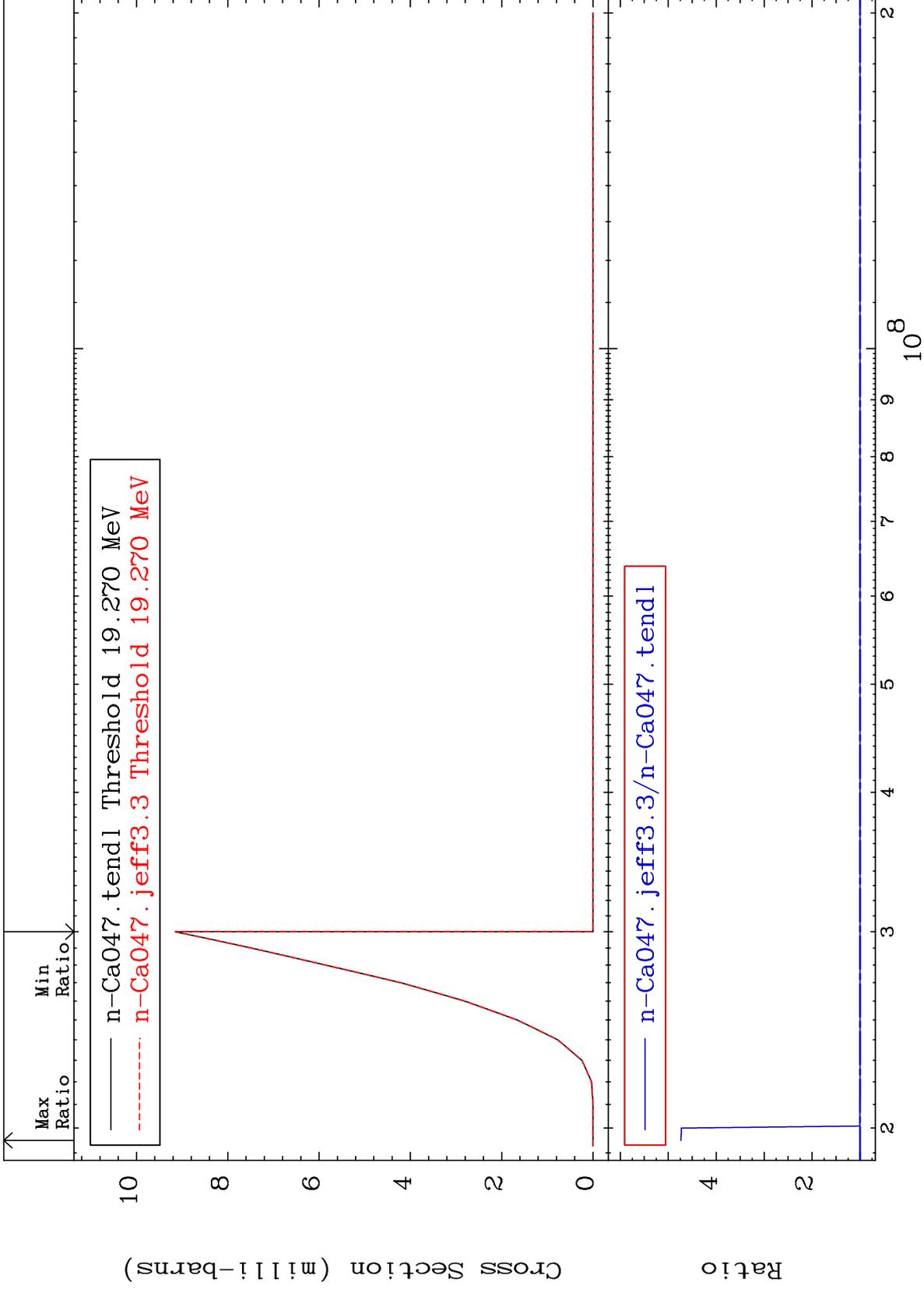
(n,n') d

20-Ca-47

Cross Section

0.000

To 373.9 %



9

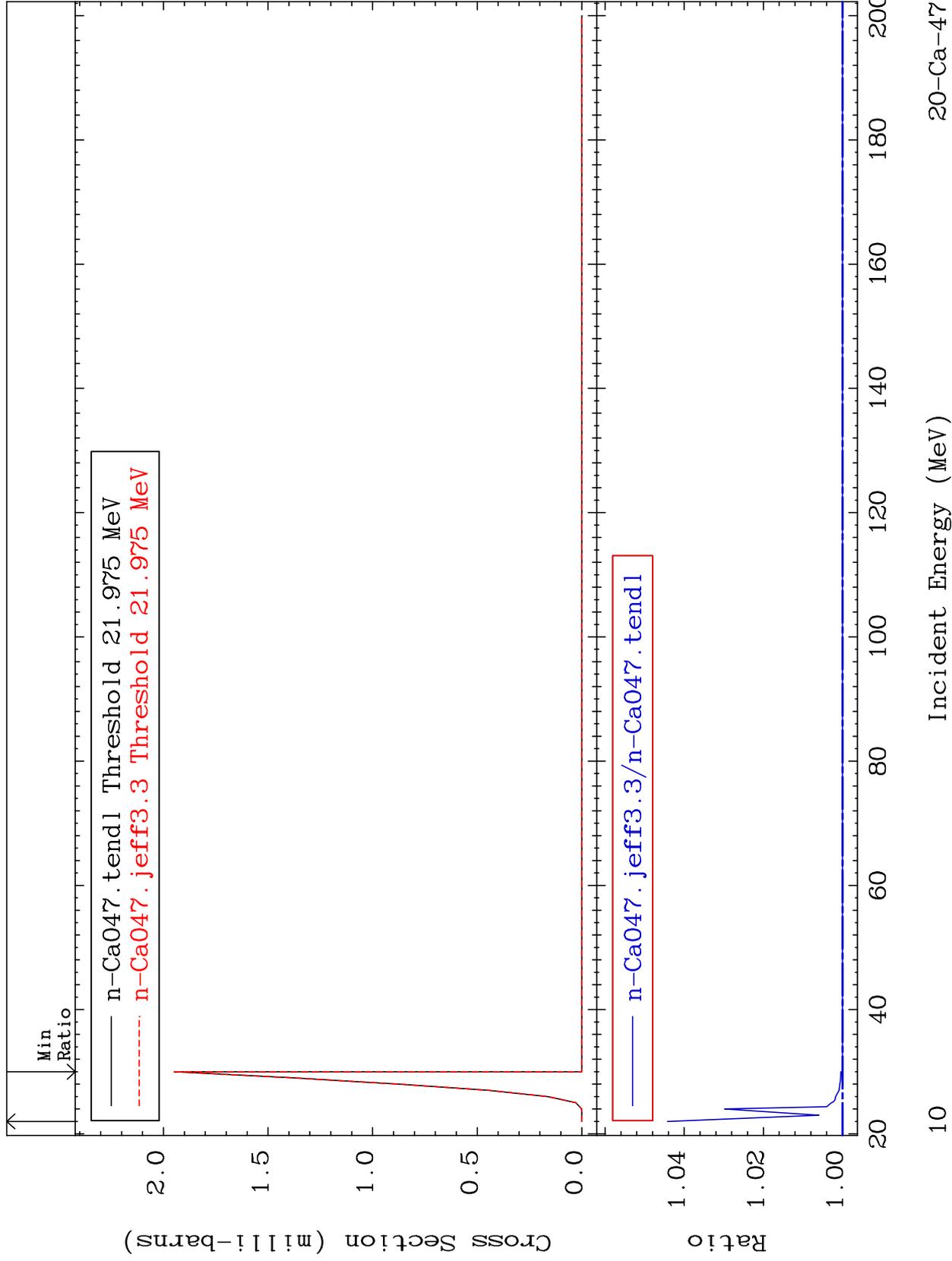
Incident Energy (eV)

20-Ca-47

MAT 2046

(n,n') t  
Cross Section

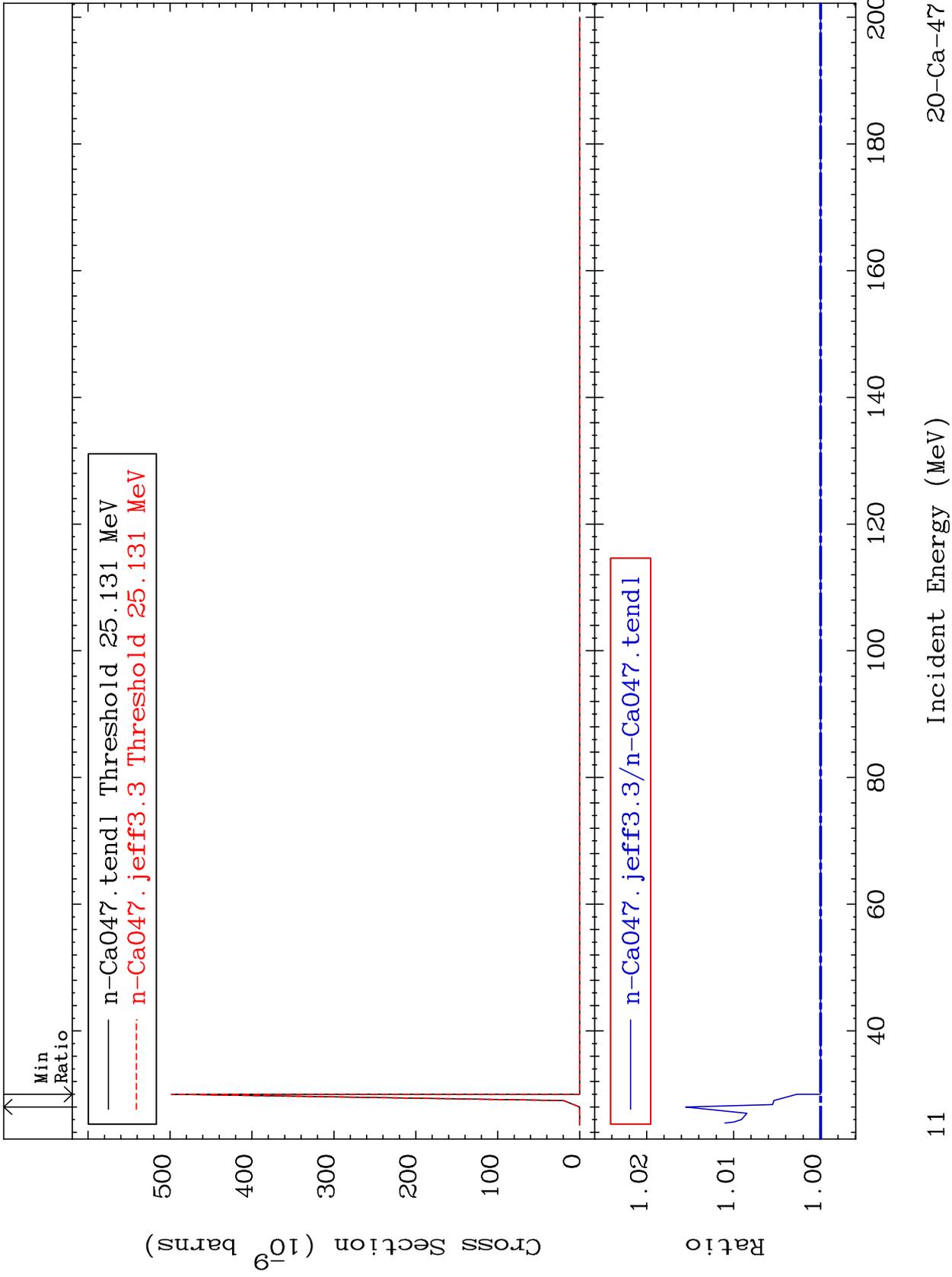
20-Ca-47  
0.000 To 4.424 %



MAT 2046

(n, n') He-3  
Cross Section

20-Ca-47  
To 1.550 %  
0.000



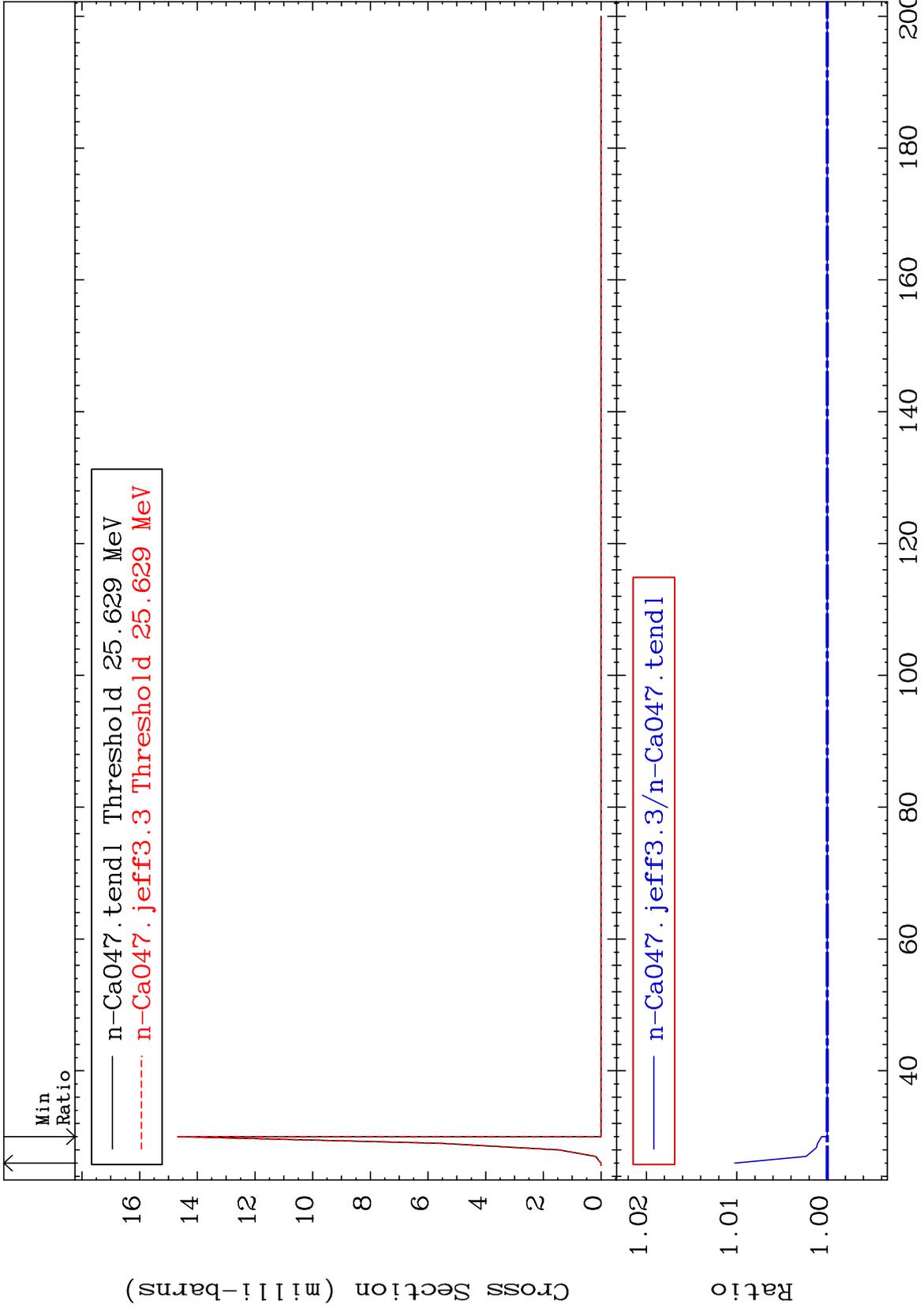
MAT 2046

(n,4n)

20-Ca-47

Cross Section

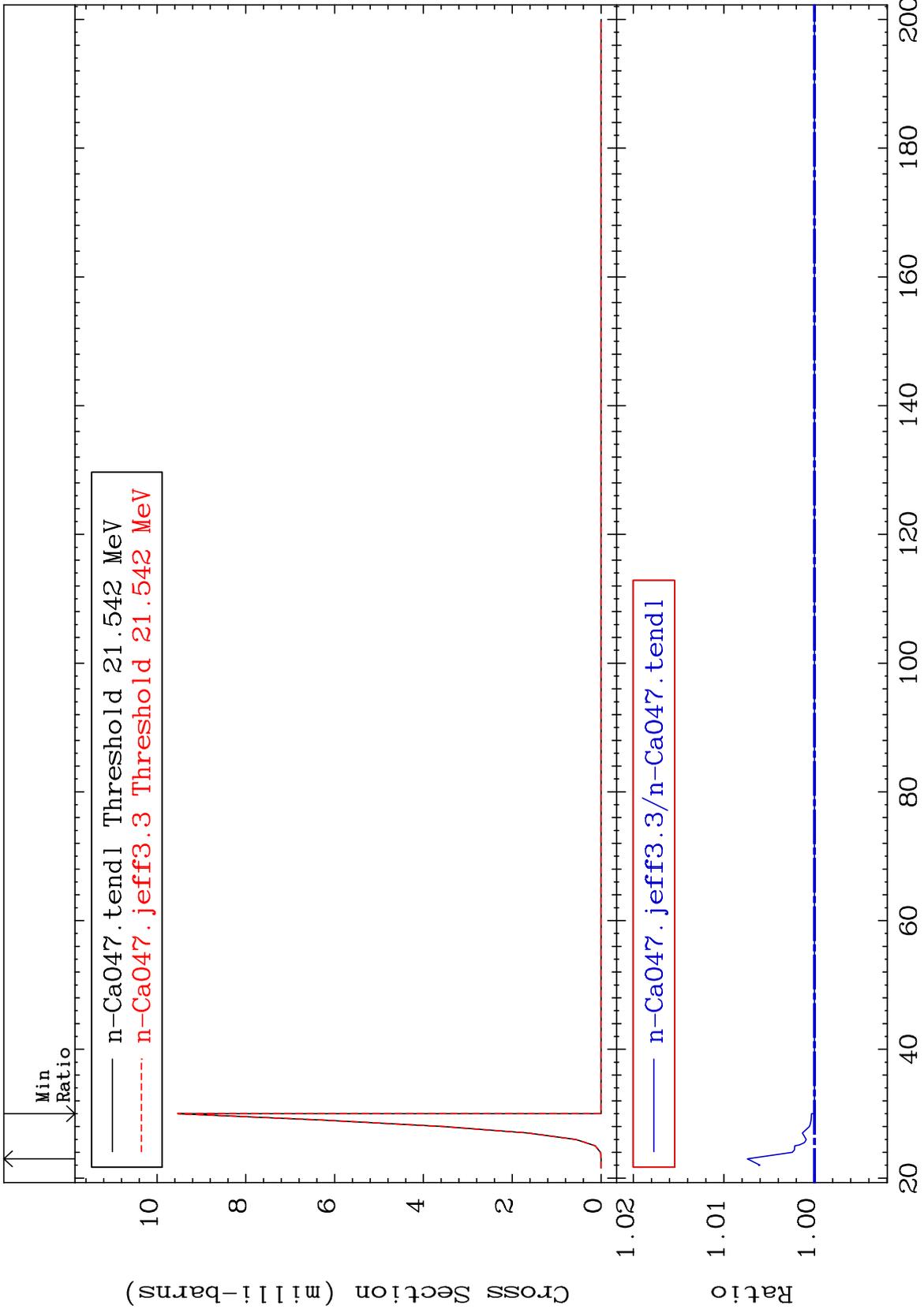
0.000 To 1.024 %



MAT 2046

(n,2n) p  
Cross Section

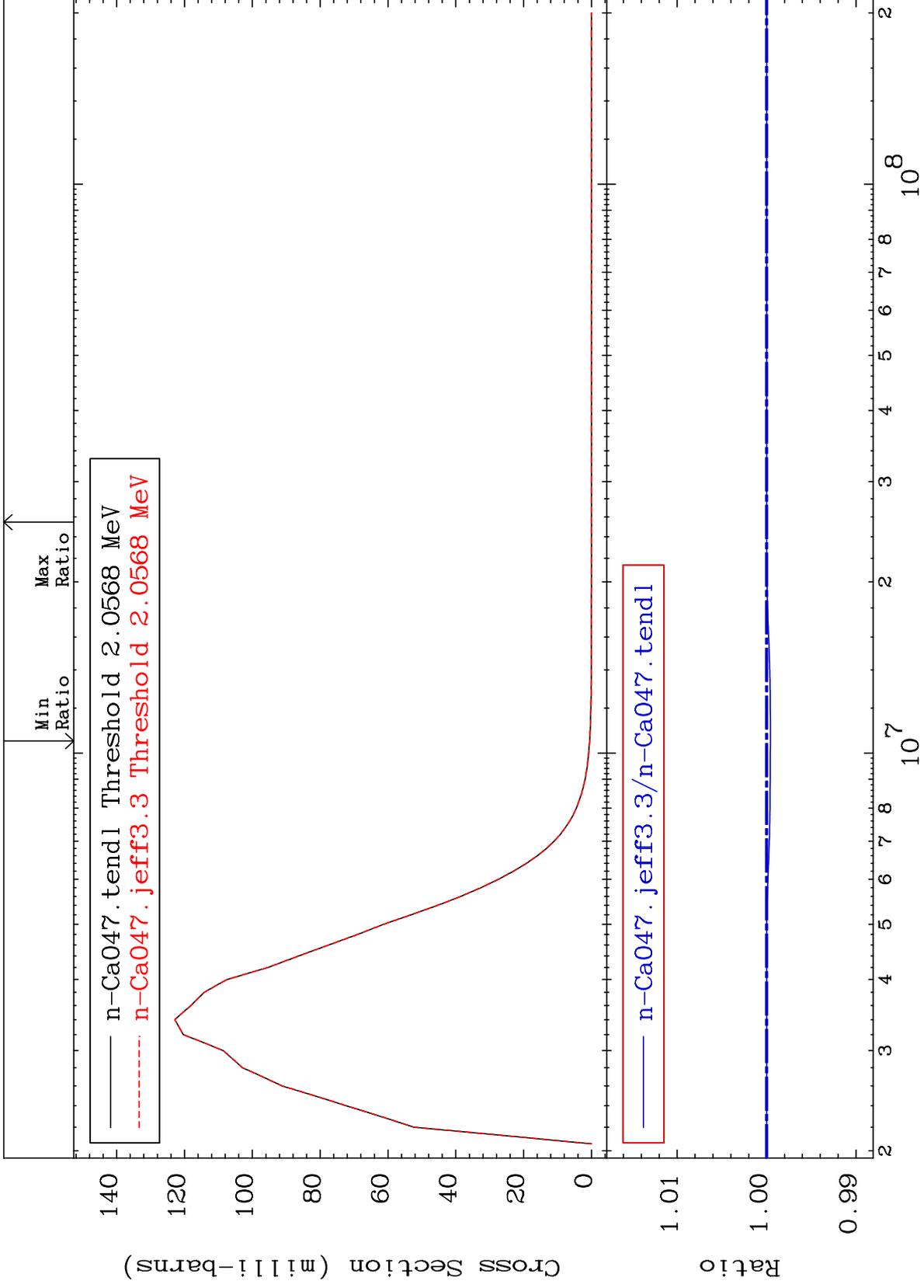
20-Ca-47  
0.000 To 0.740 %



MAT 2046

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

20-Ca-47  
-0.042 To 0.000 %



14

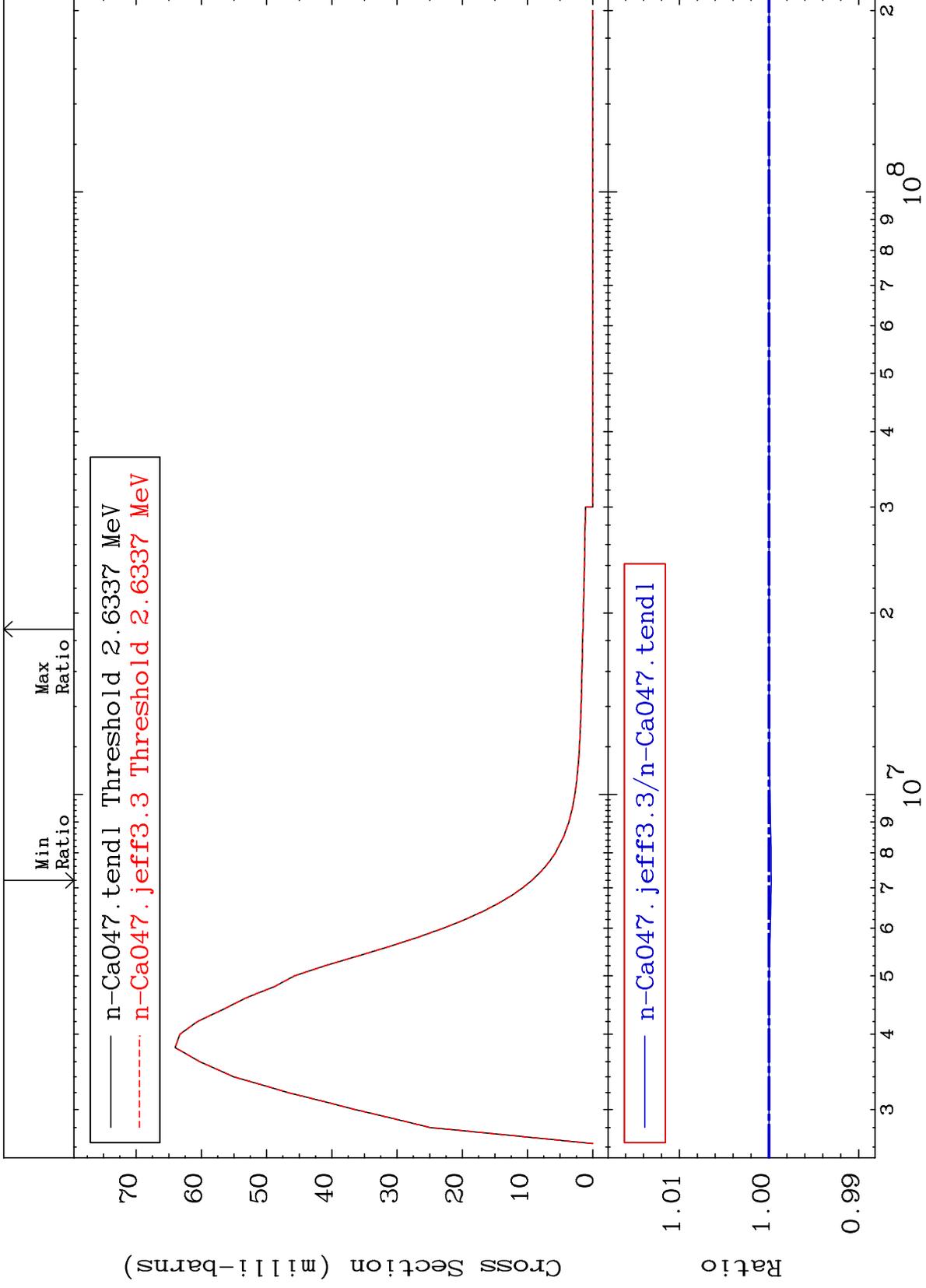
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.026 To 0.000 %



15

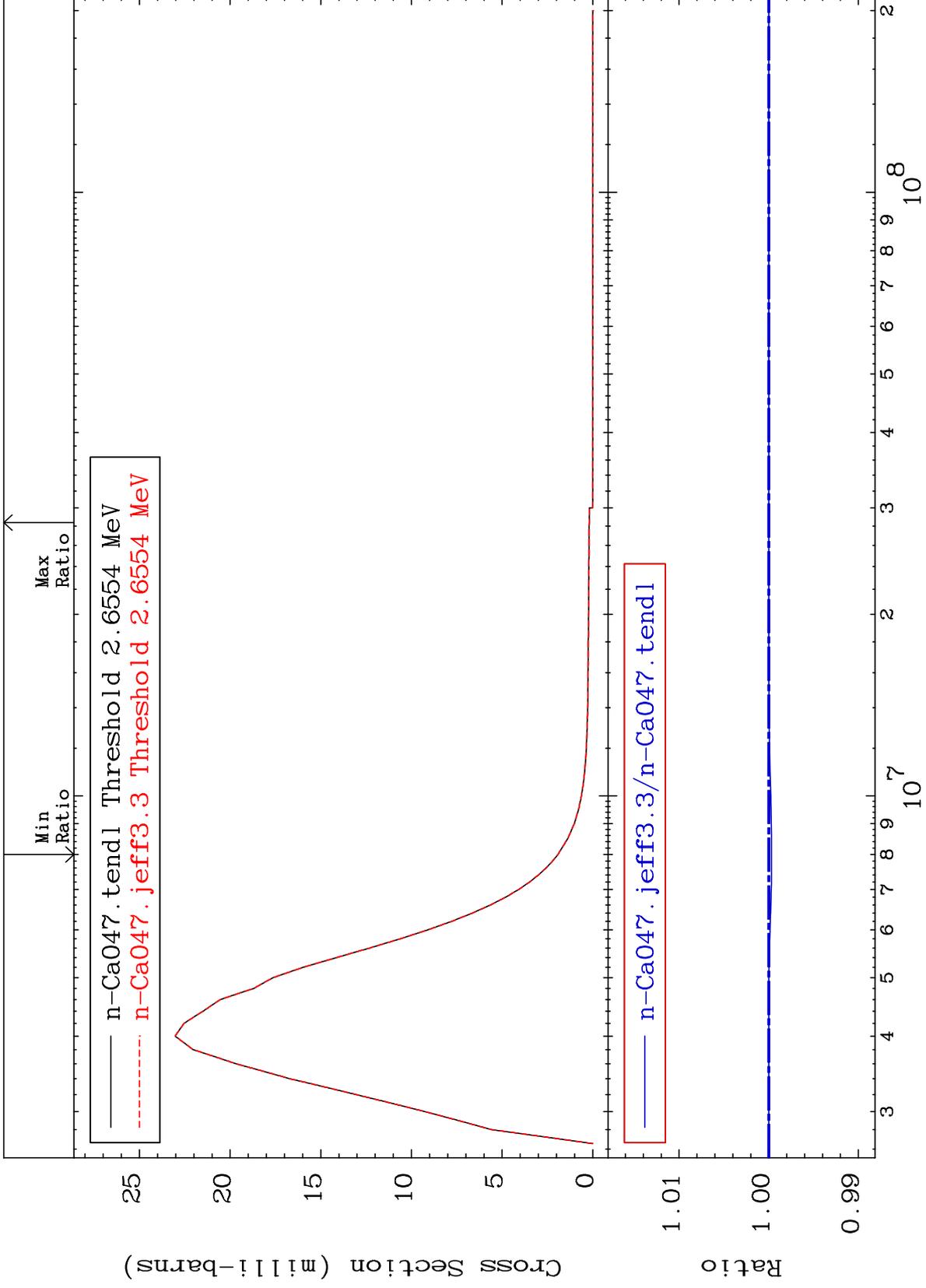
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.031 To 0.000 %



16

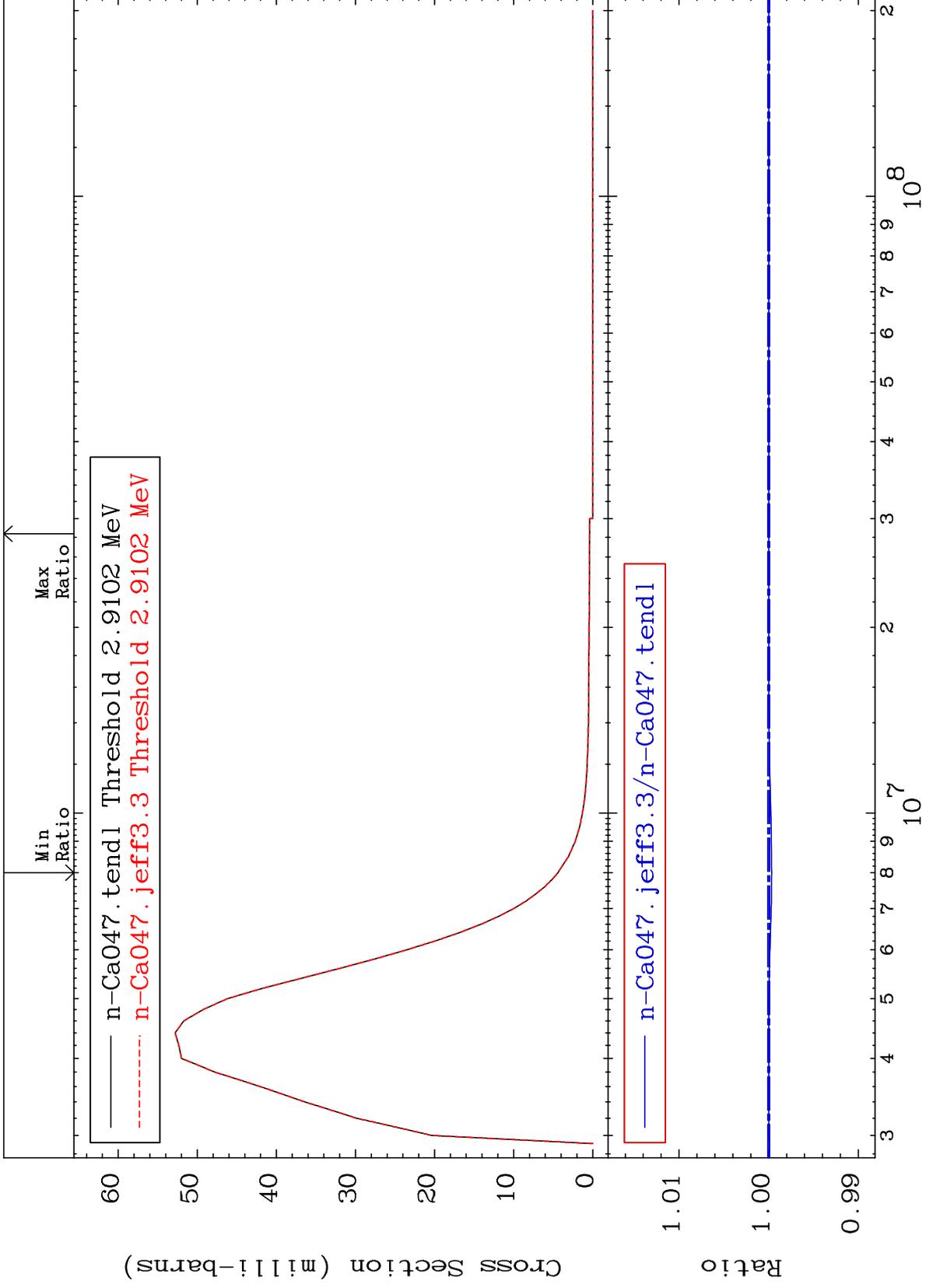
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.032 To 0.000 %



17

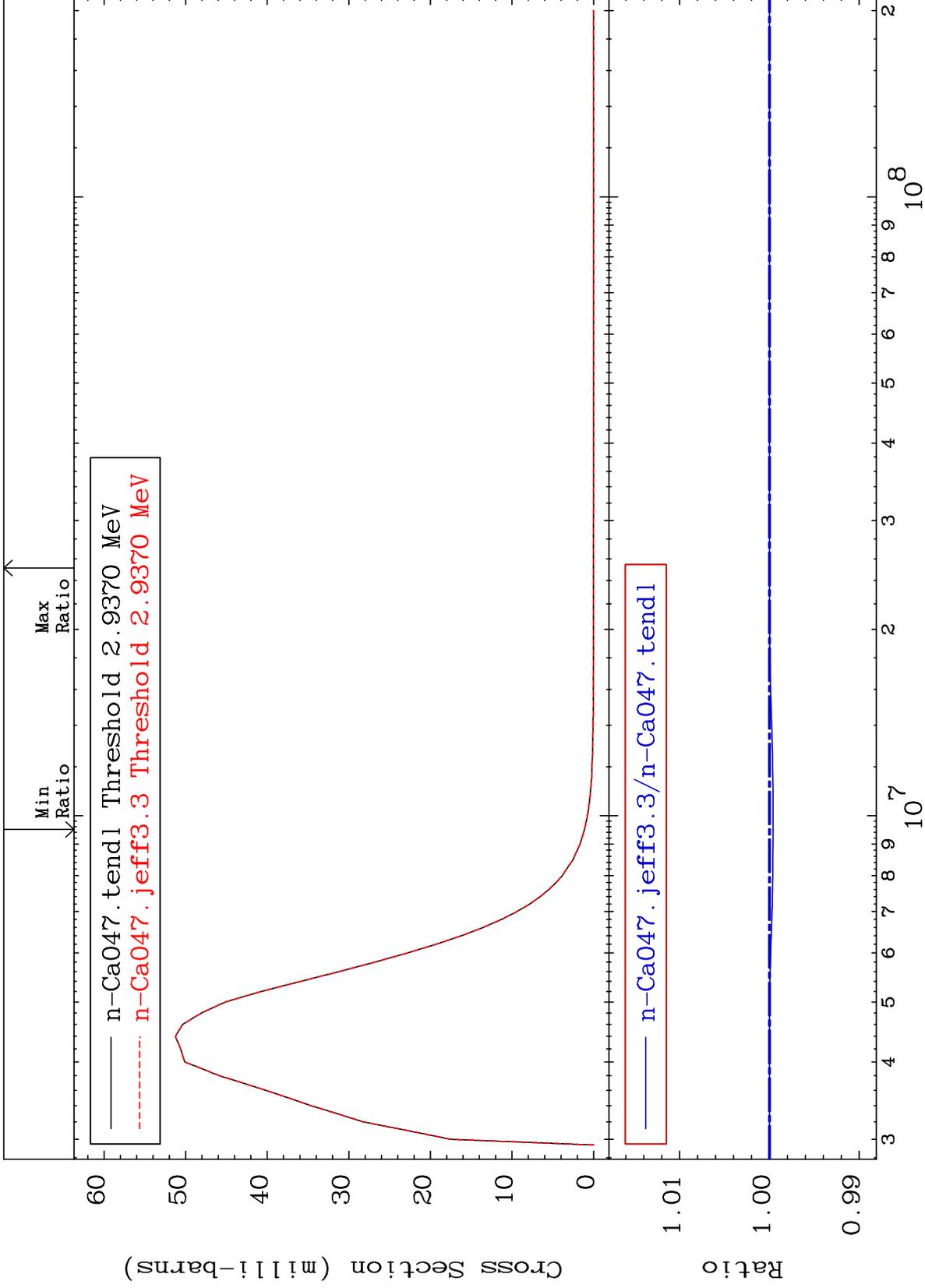
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.040 To 0.000 %



18

Incident Energy (eV)

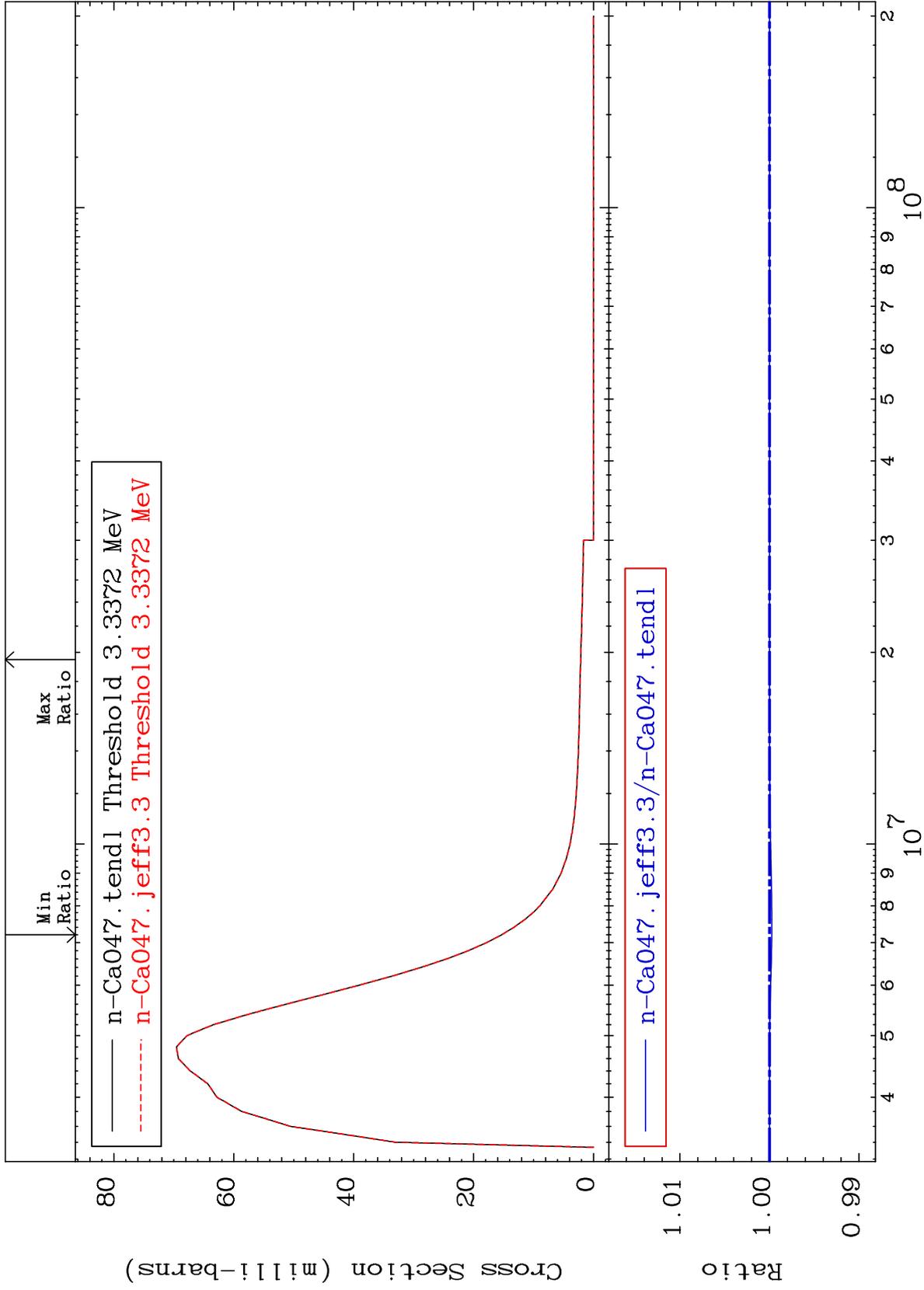
20-Ca-47

MAT 2046

MT= 56 (n,n') Level

20-Ca-47

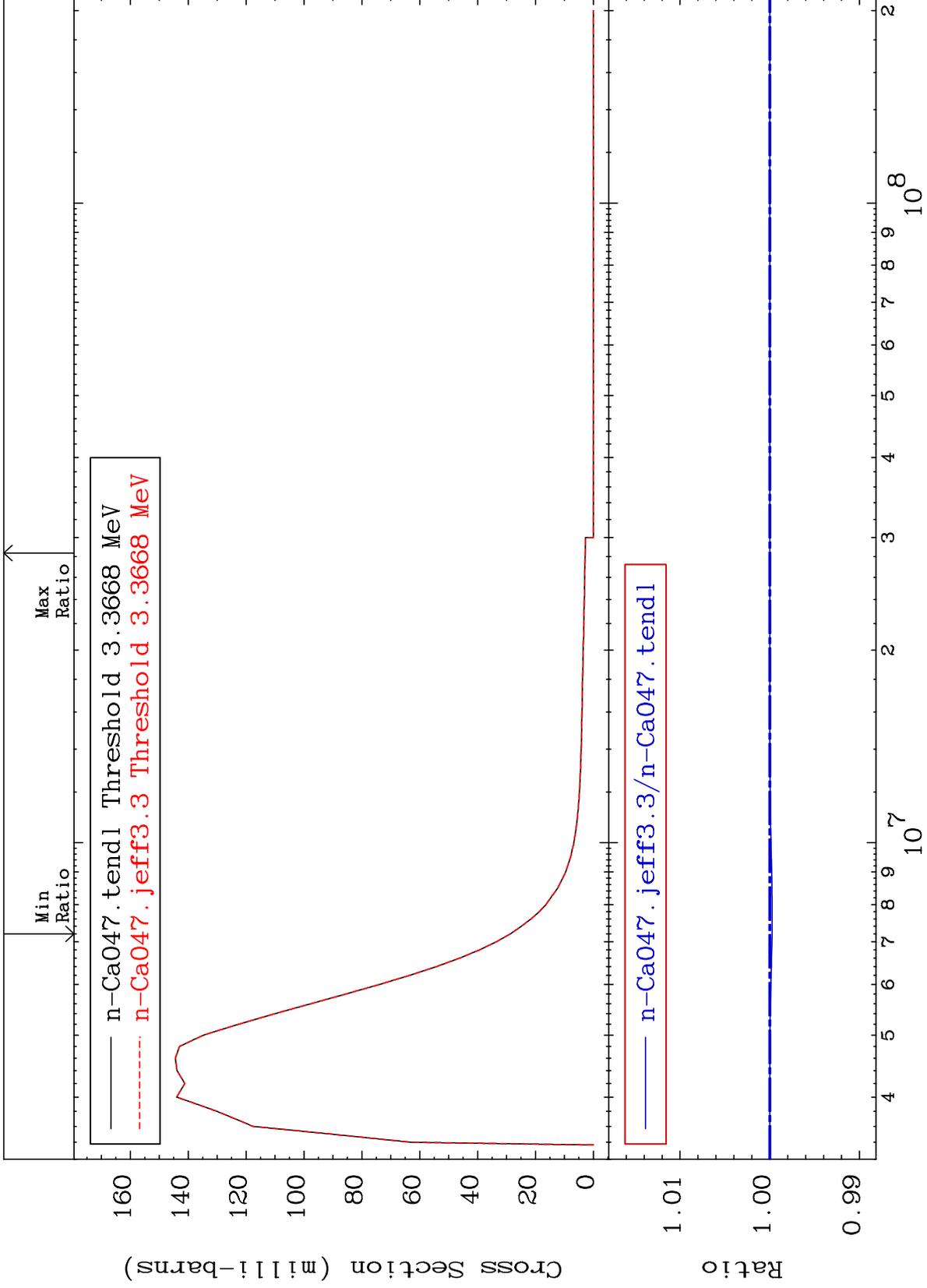
Cross Section  
-0.027 To 0.000 %



MAT 2046

MT= 57 (n,n') Level  
Cross Section

20-Ca-47  
-0.027 To 0.000 %



20

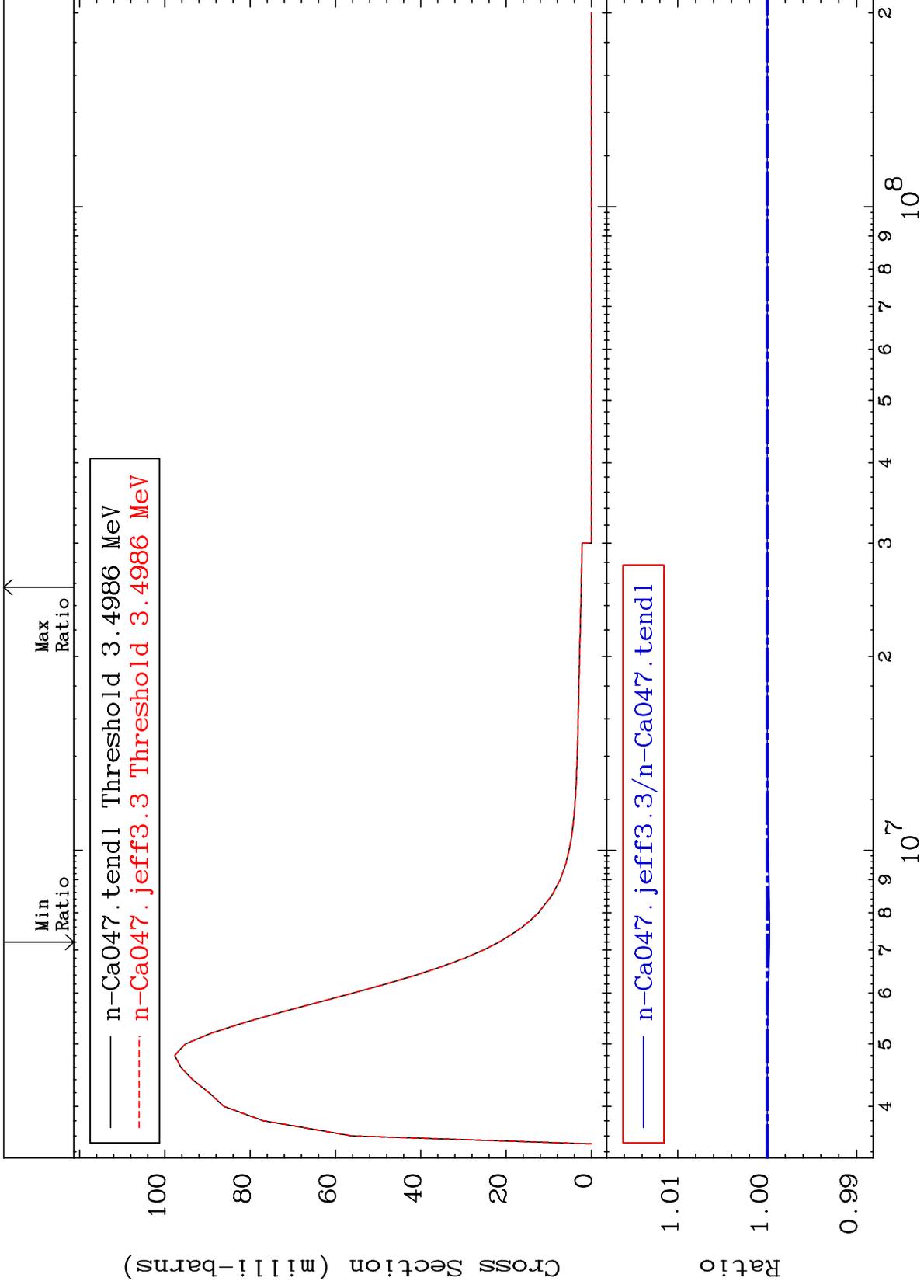
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.027 To 0.000 %



21

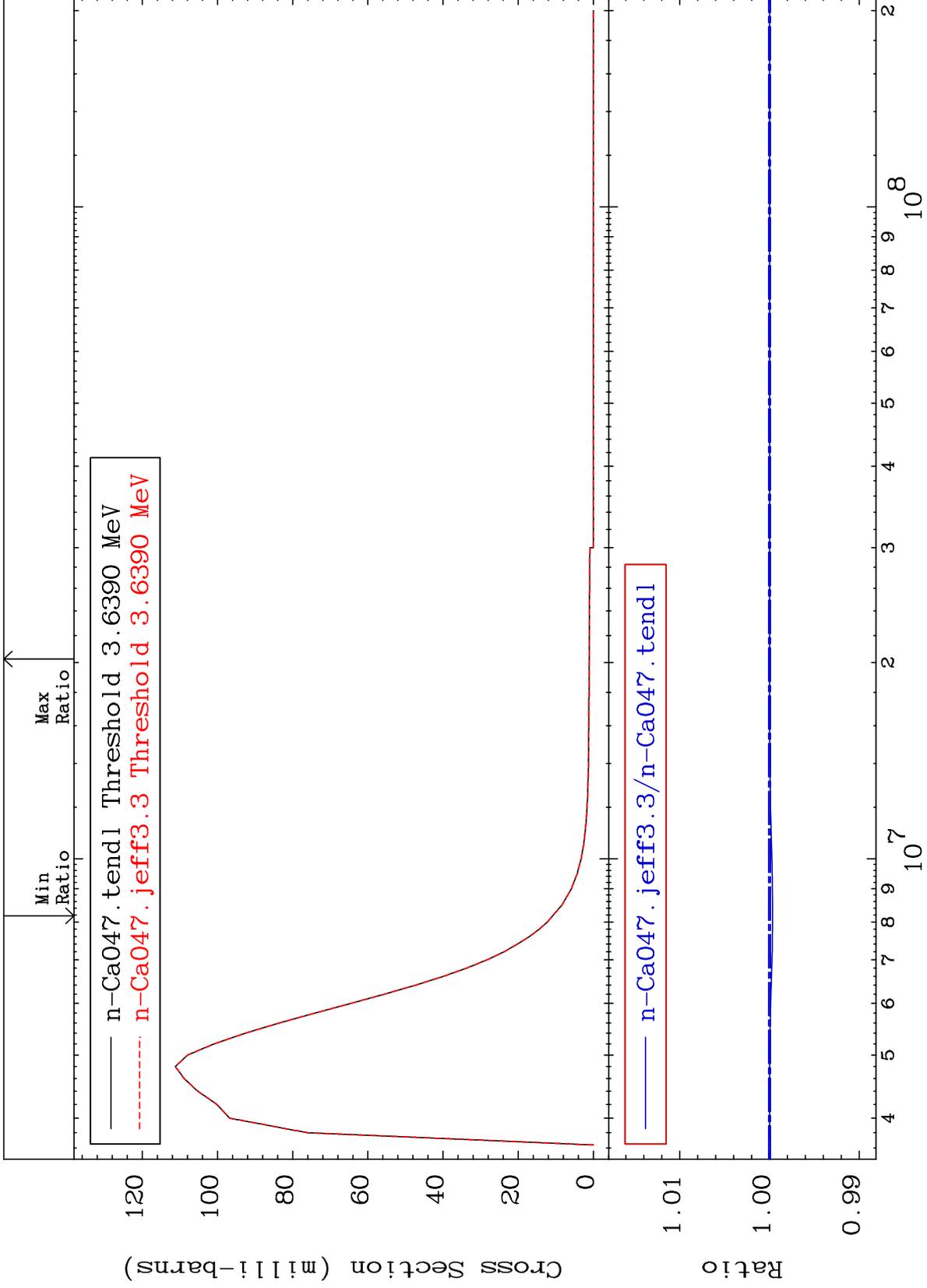
Incident Energy (eV)

20-Ca-47

MAT 2046

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

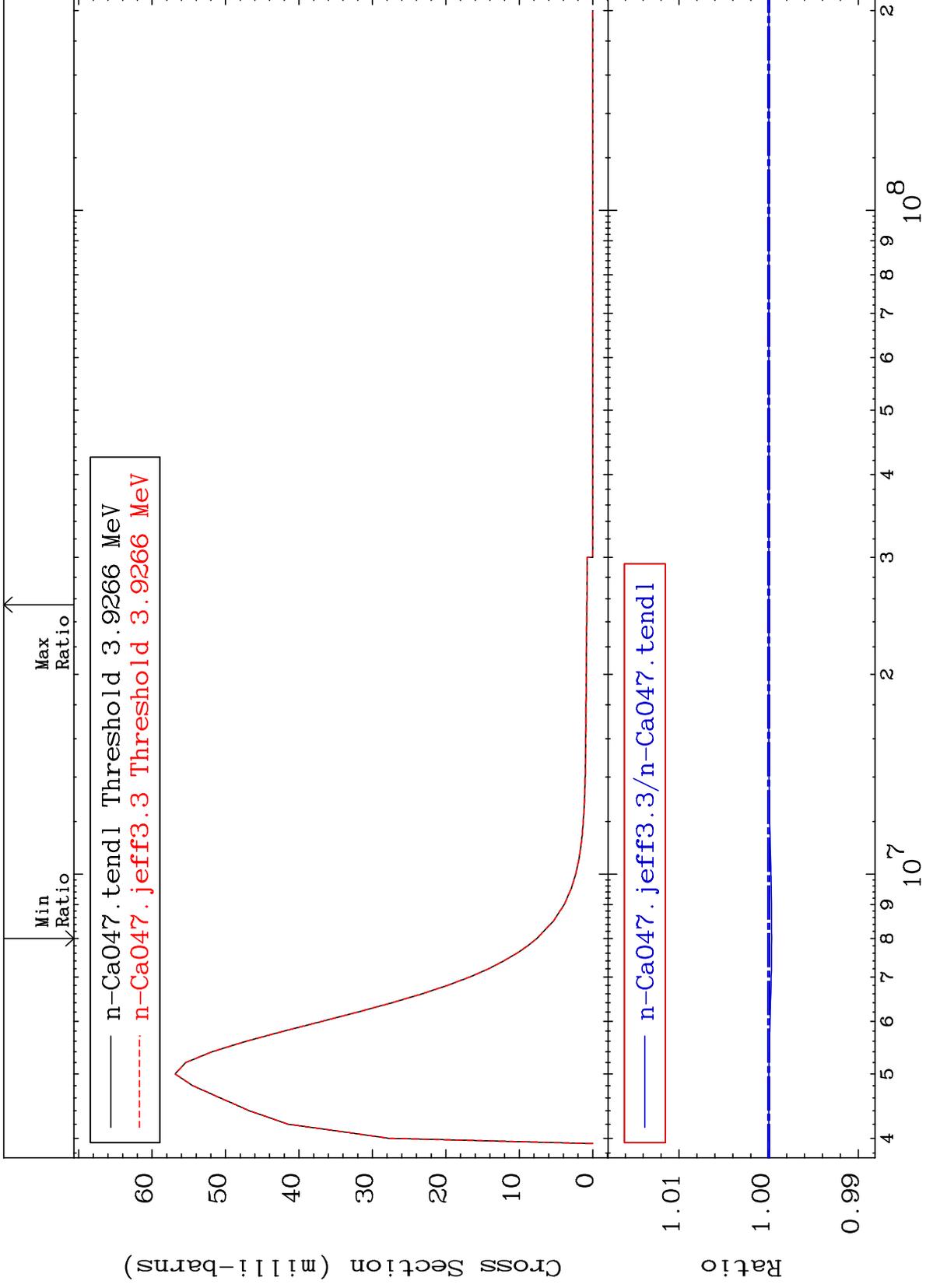
20-Ca-47  
-0.033 To 0.000 %



MAT 2046

MT= 60 (n,n') Level  
Cross Section

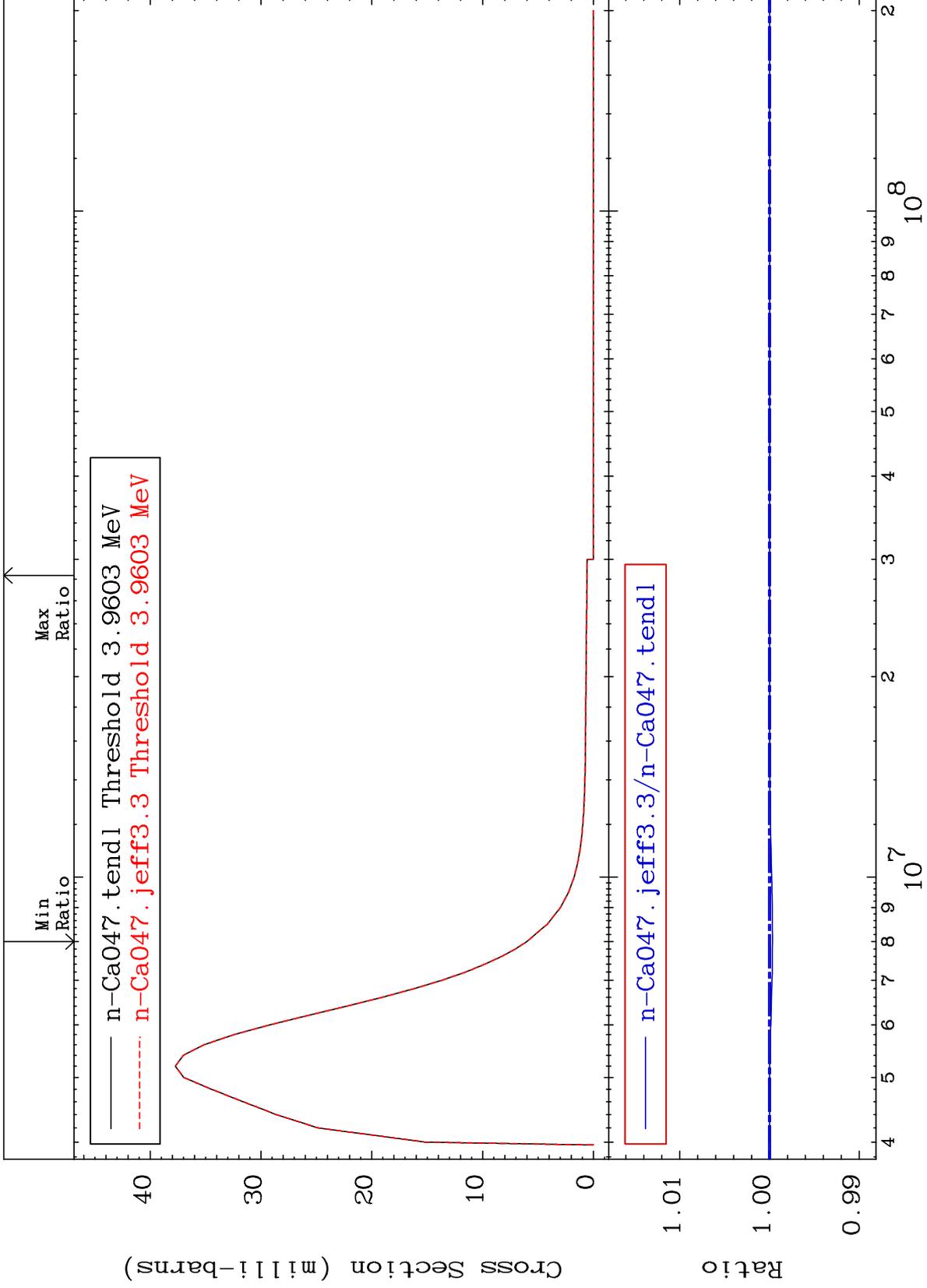
20-Ca-47  
-0.032 To 0.000 %



MAT 2046

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

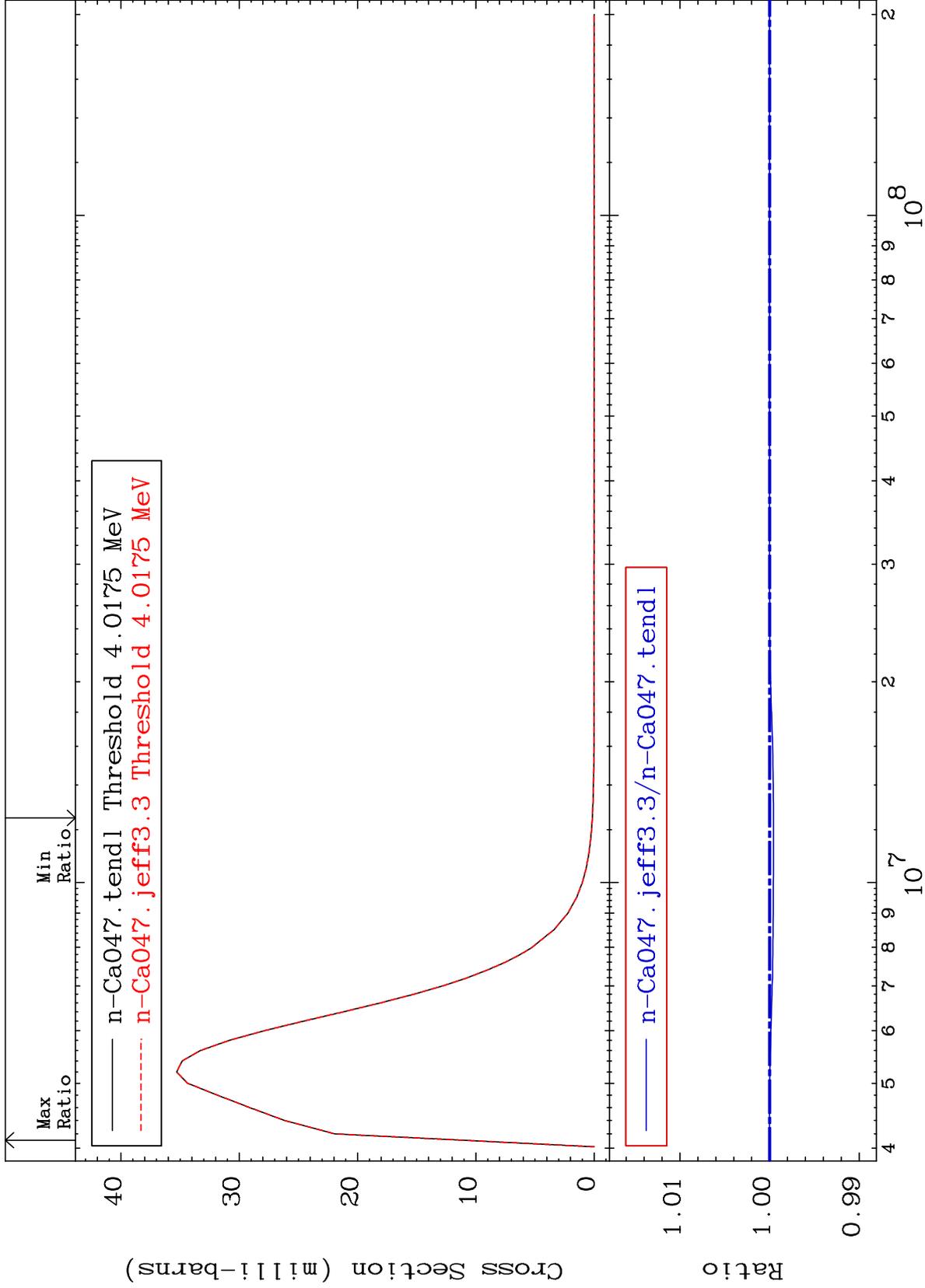
20-Ca-47  
-0.033 To 0.000 %



MAT 2046

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

20-Ca-47  
-0.043 To 0.000 %



25

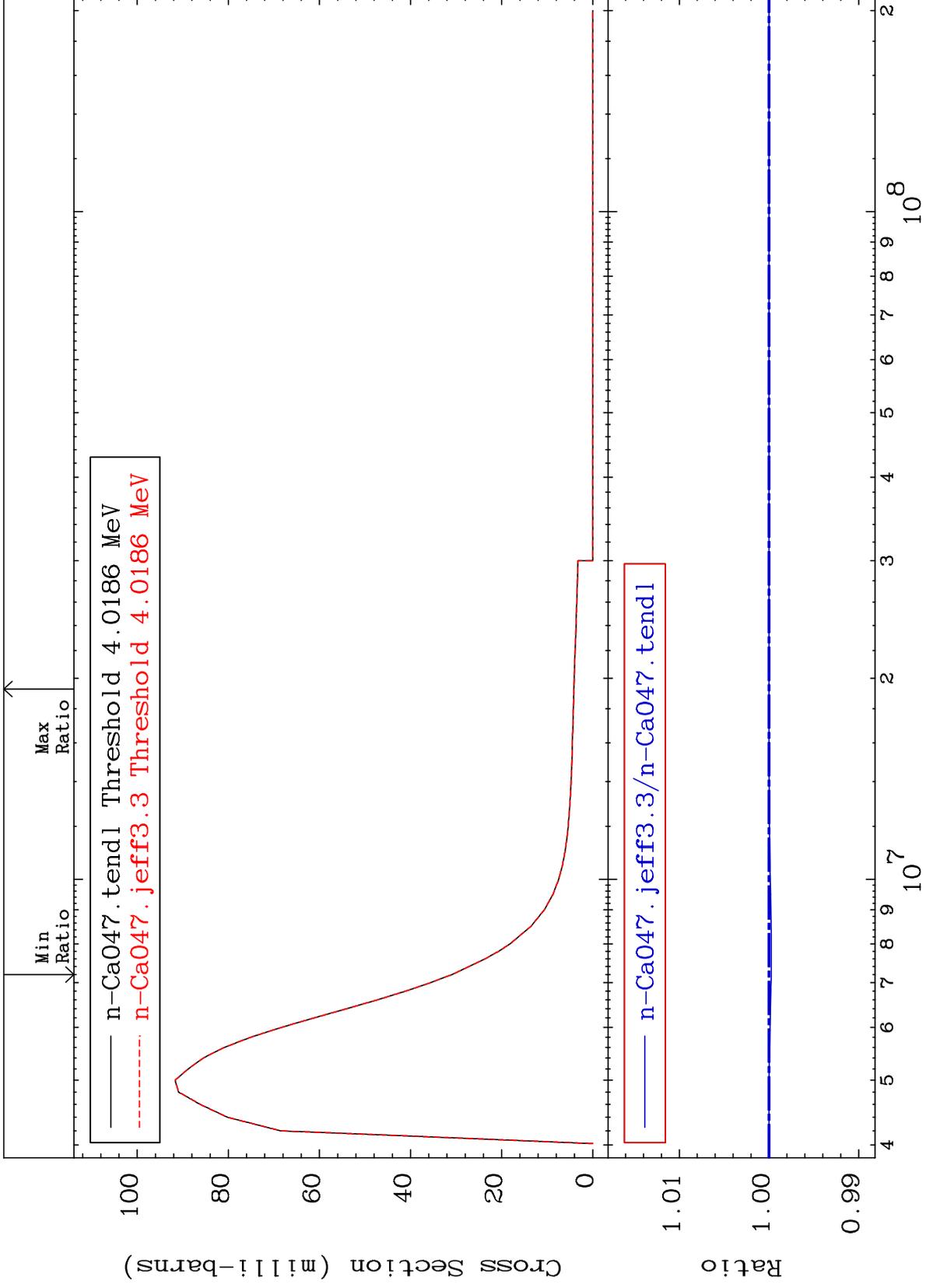
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.026 To 0.000 %



26

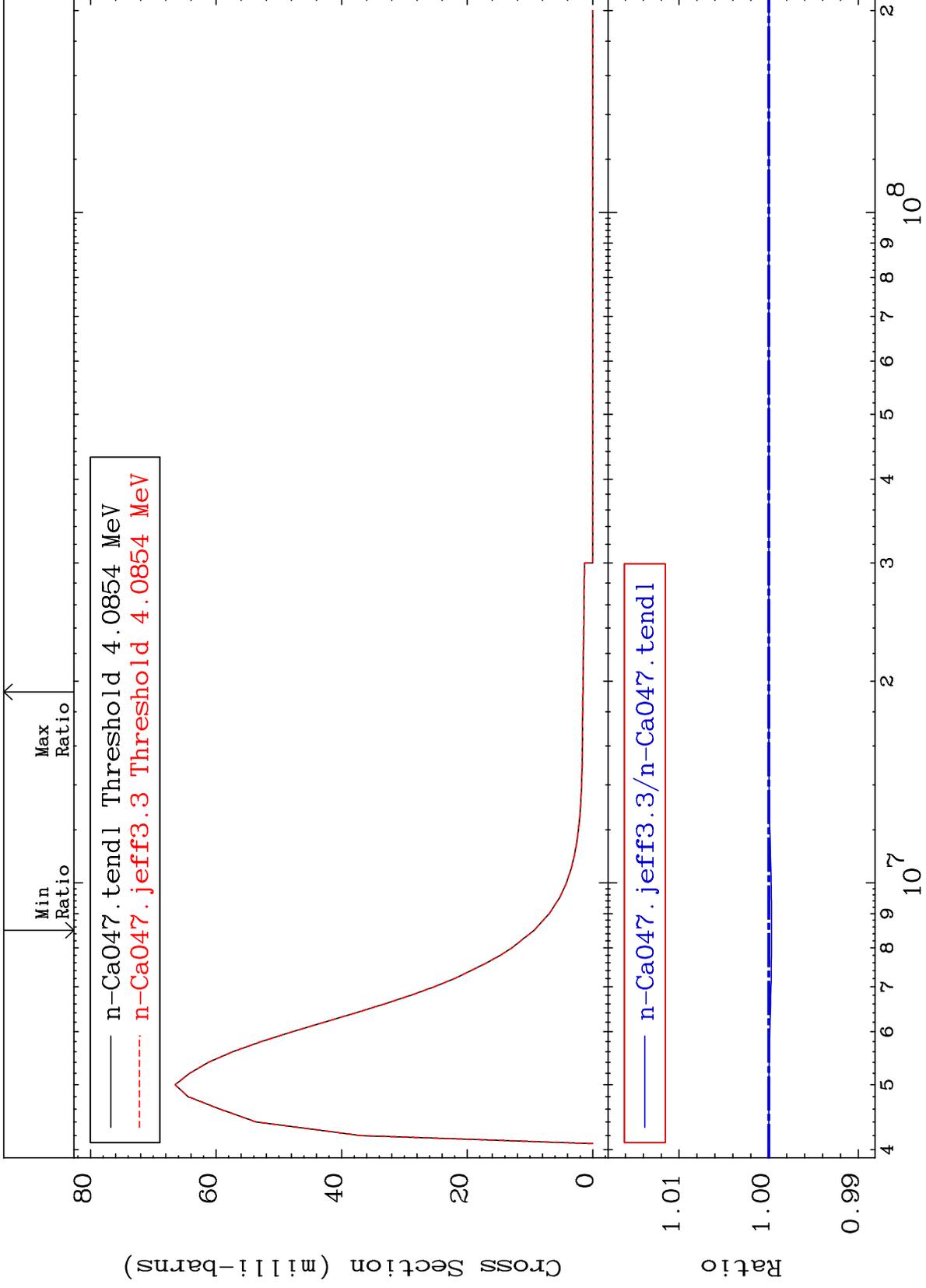
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.031 To 0.000 %



27

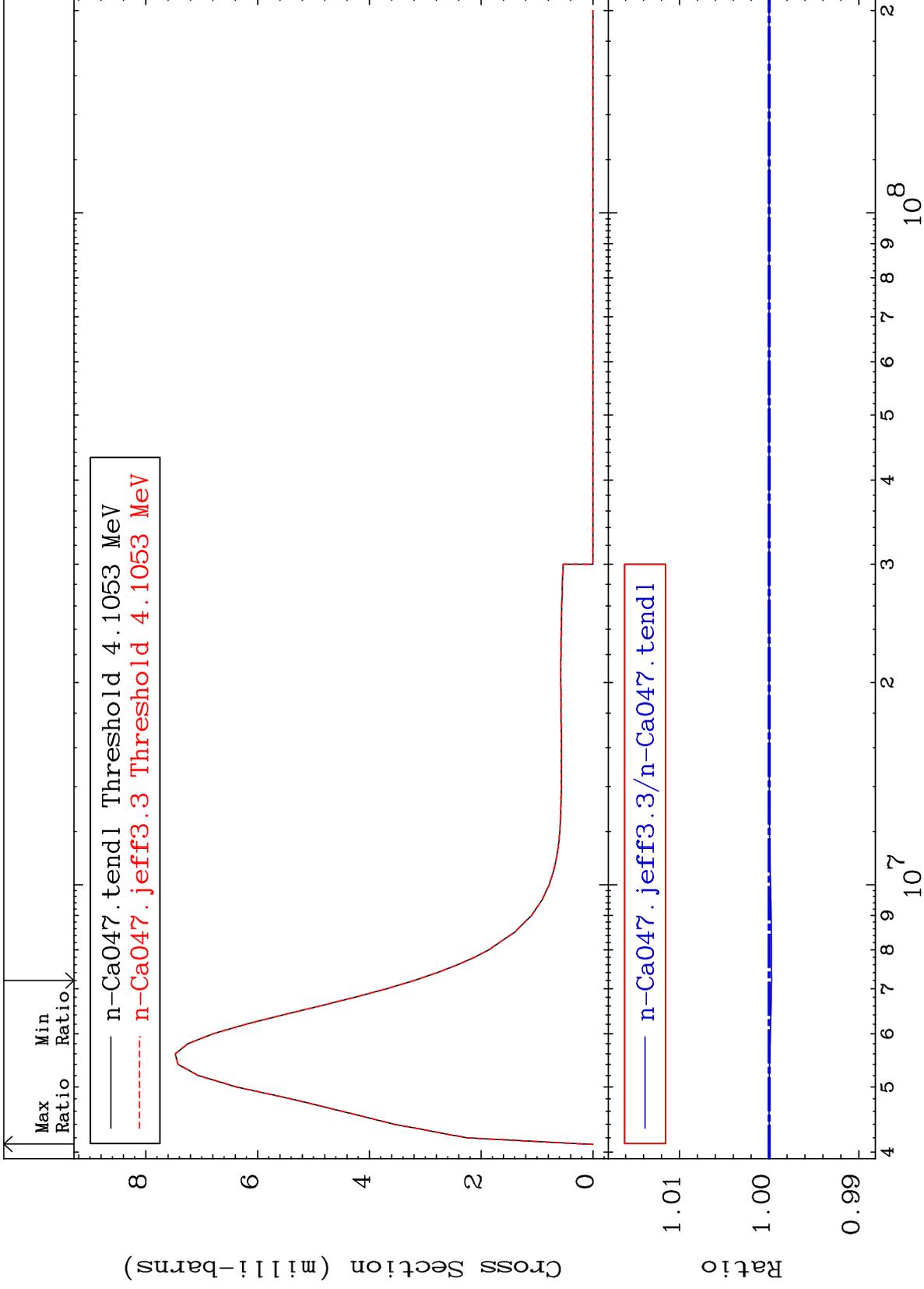
Incident Energy (eV)

20-Ca-47

MAT 2046

MT= 65 (n,n') Level  
Cross Section

20-Ca-47  
-0.029 To 0.000 %

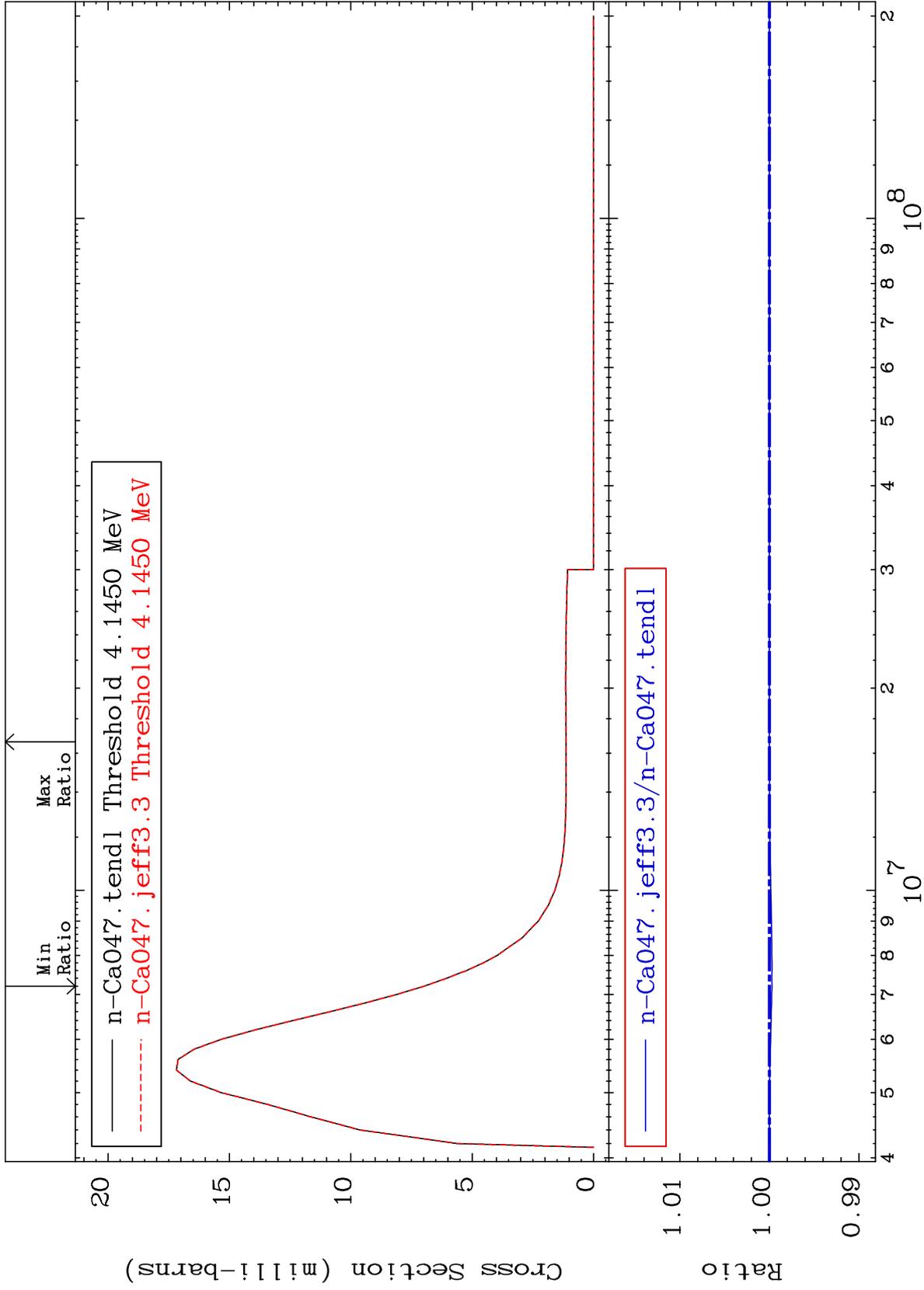


MAT 2046

MT= 66 (n,n') Level

20-Ca-47

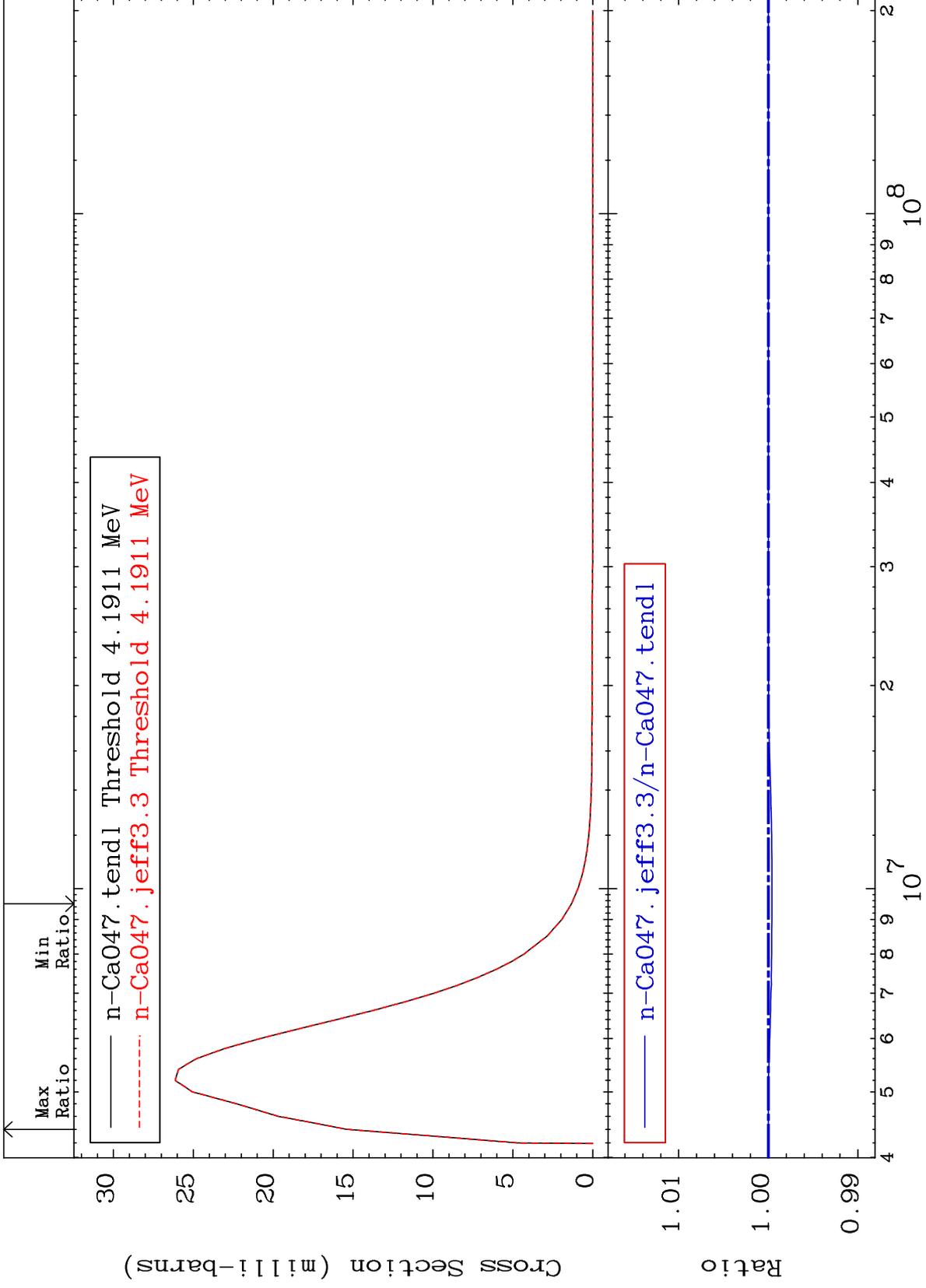
Cross Section  
-0.030 To 0.000 %



MAT 2046

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

20-Ca-47  
-0.041 To 0.000 %



30

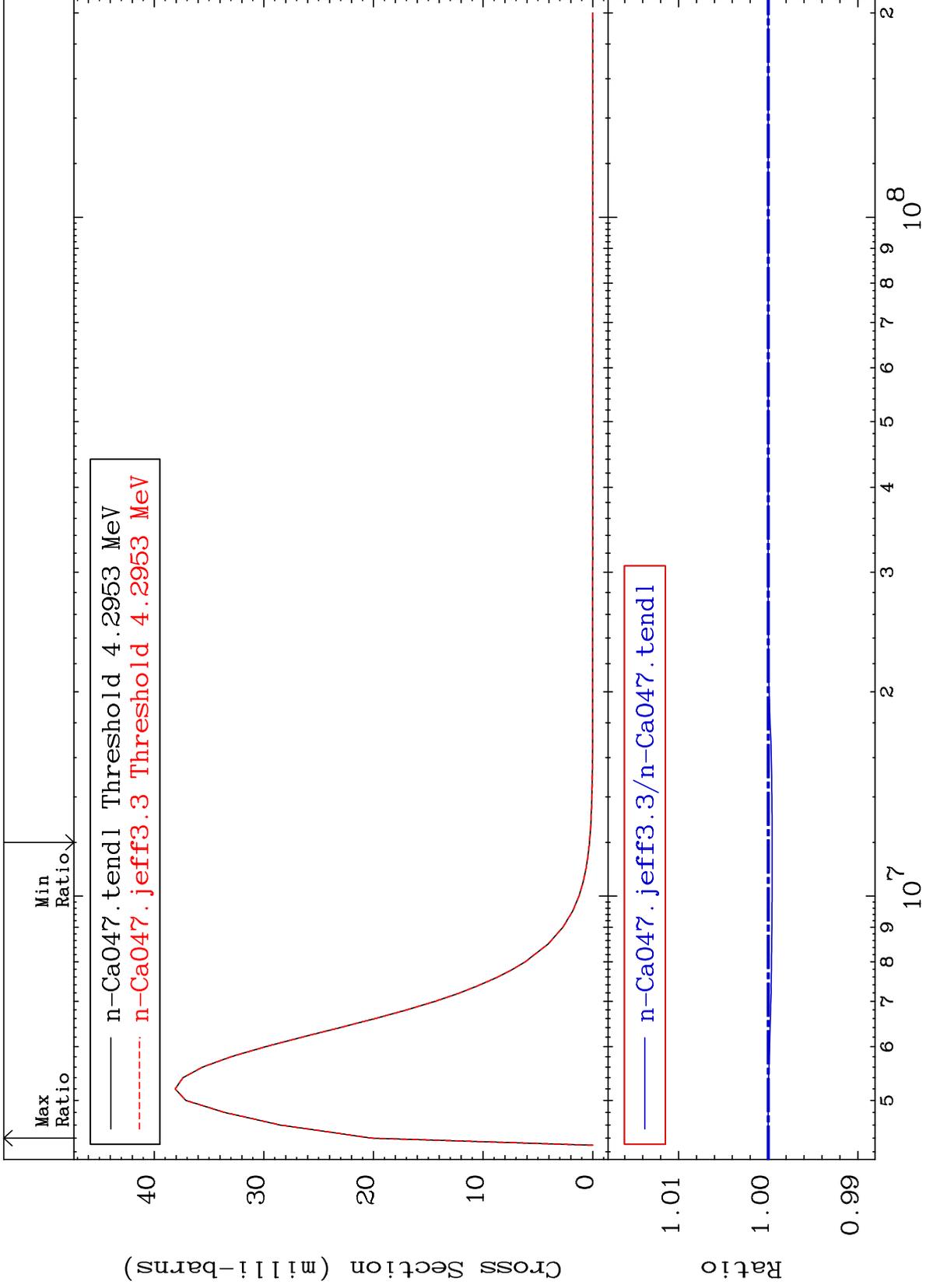
Incident Energy (eV)

20-Ca-47

MAT 2046

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

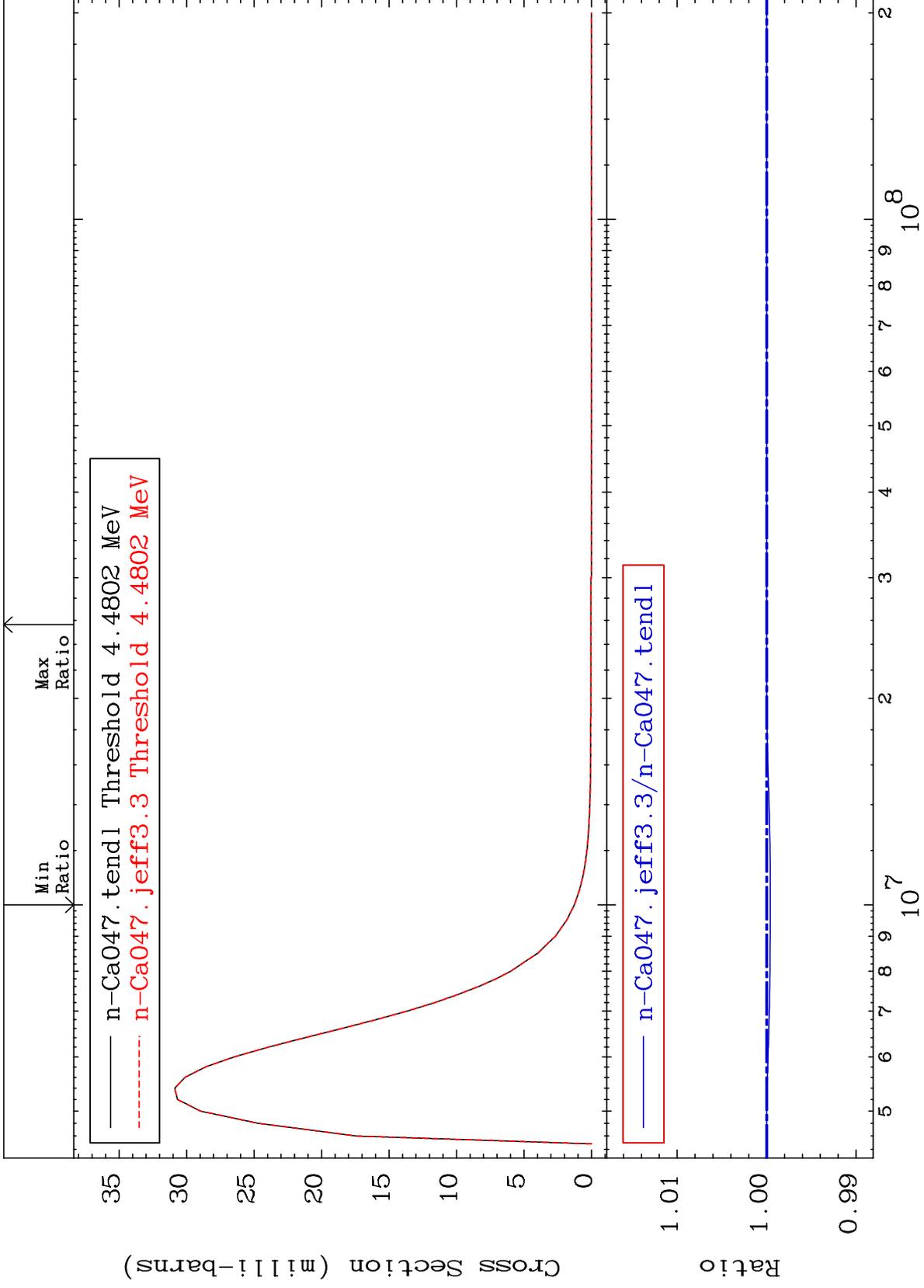
20-Ca-47  
-0.044 To 0.000 %



MAT 2046

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

20-Ca-47  
-0.041 To 0.000 %



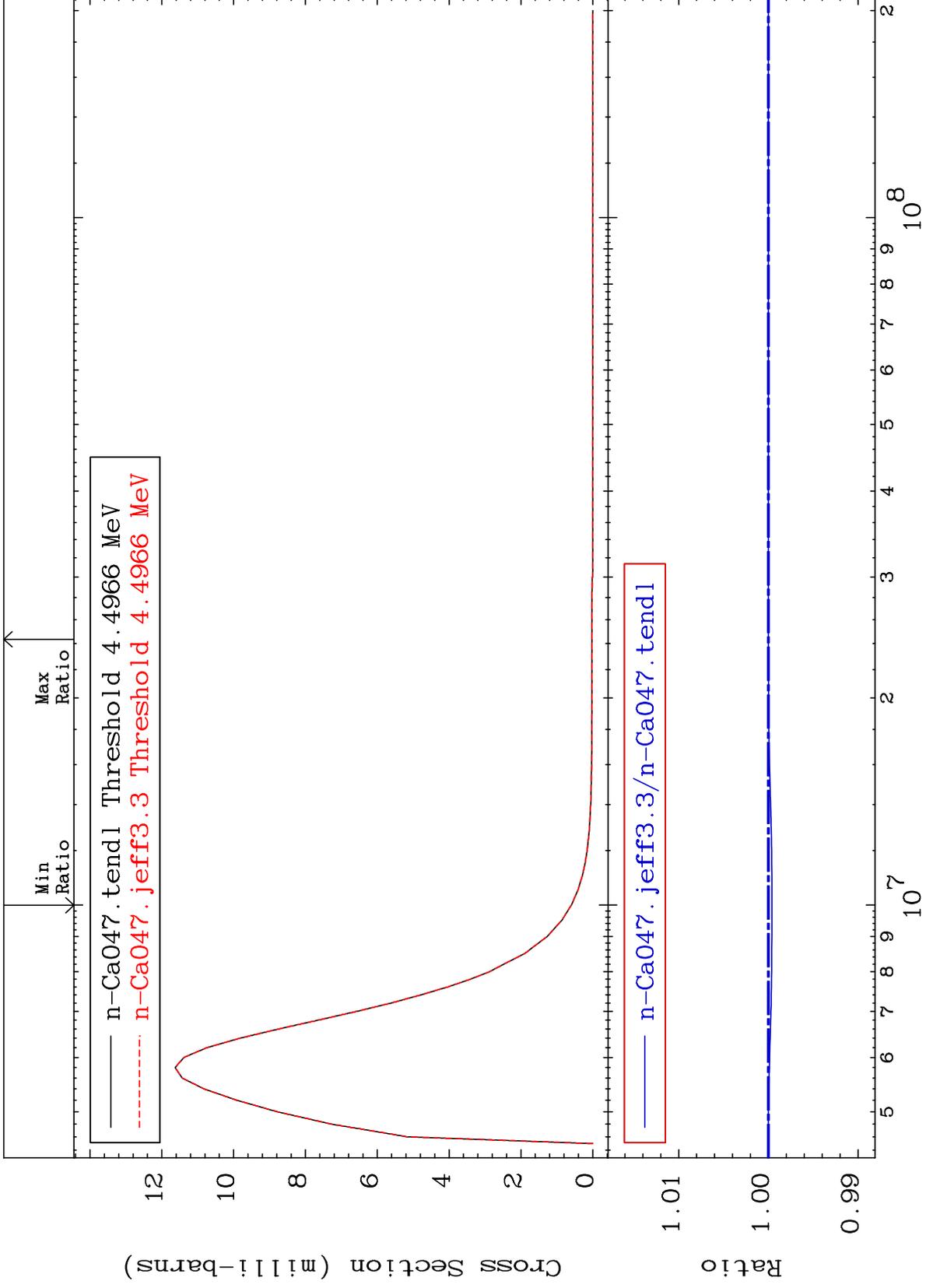
32

20-Ca-47

MAT 2046

MT= 70 (n,n') Level  
Cross Section

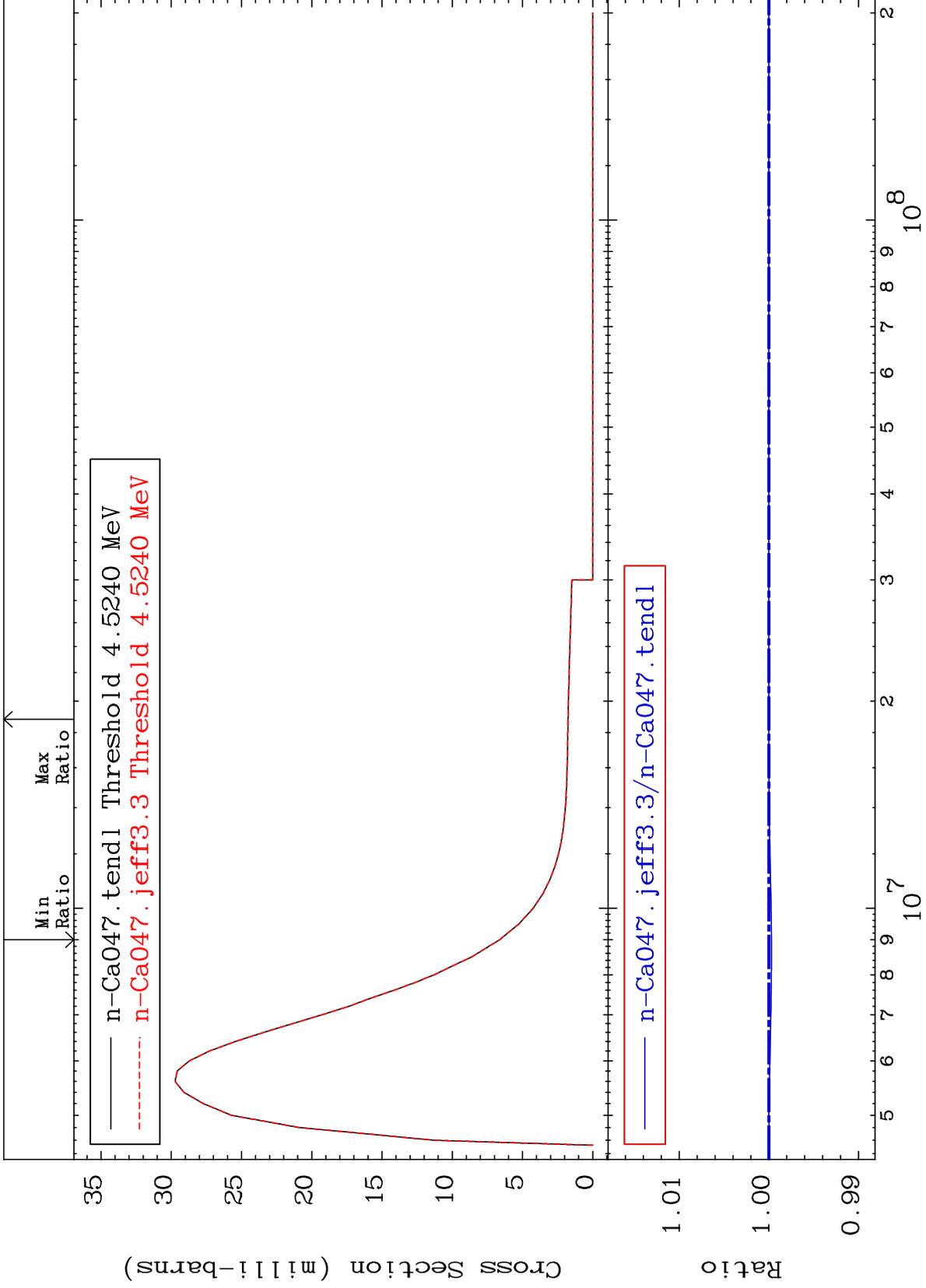
20-Ca-47  
-0.040 To 0.000 %



MAT 2046

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

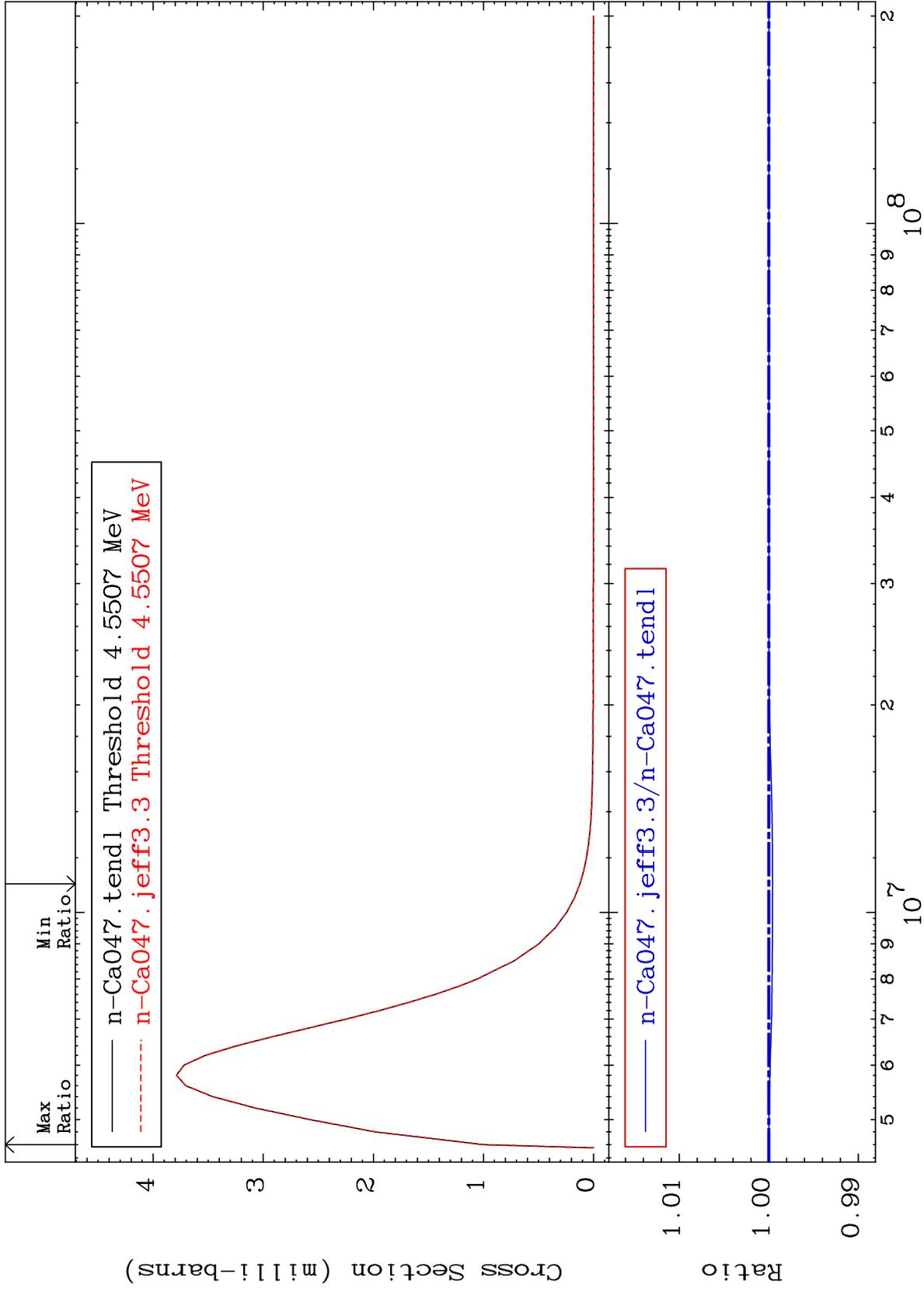
20-Ca-47  
-0.029 To 0.000 %



MAT 2046

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

20-Ca-47  
-0.042 To 0.000 %



35

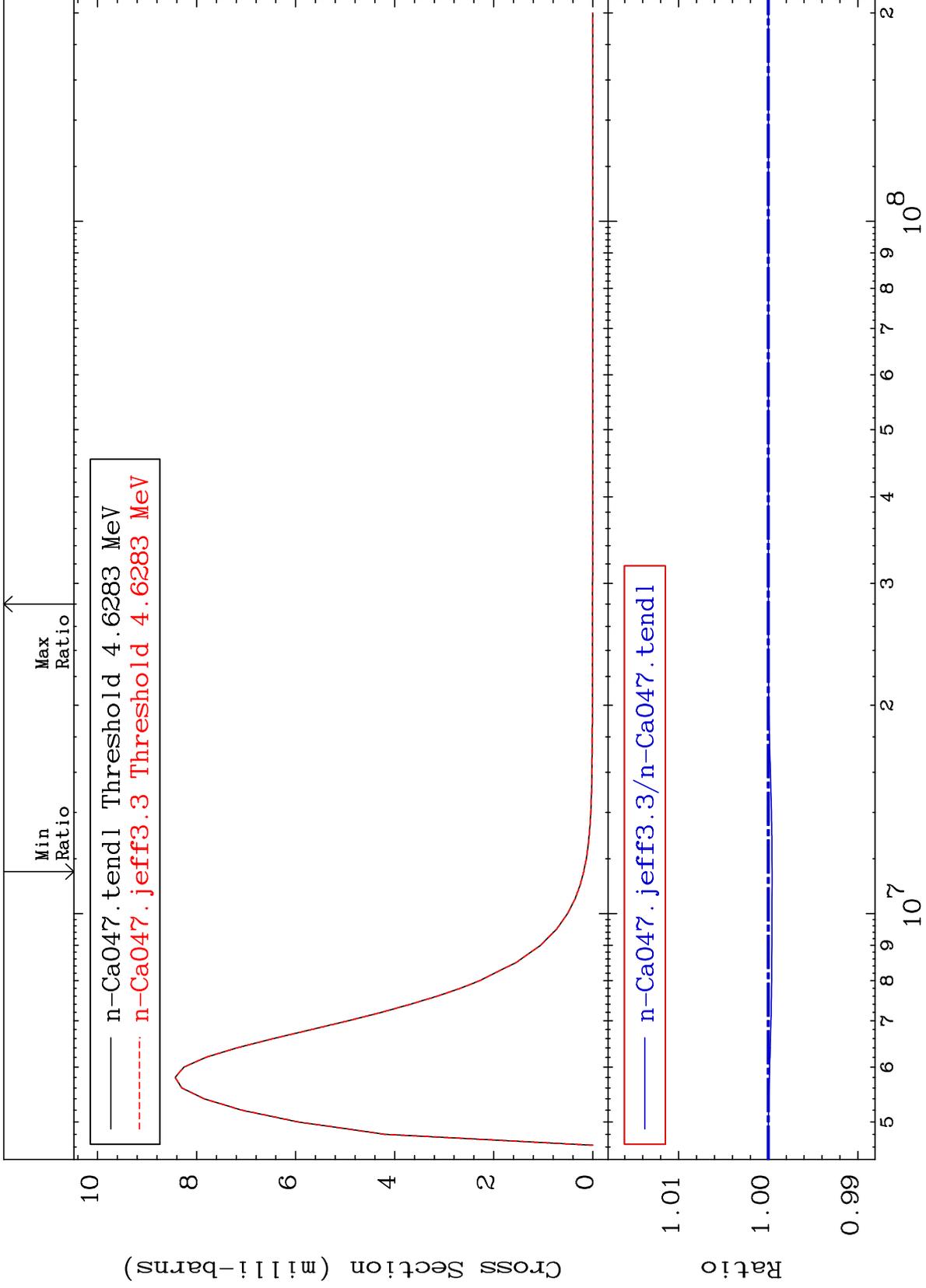
Incident Energy (eV)

20-Ca-47

MAT 2046

MT= 73 (n,n') Level  
Cross Section

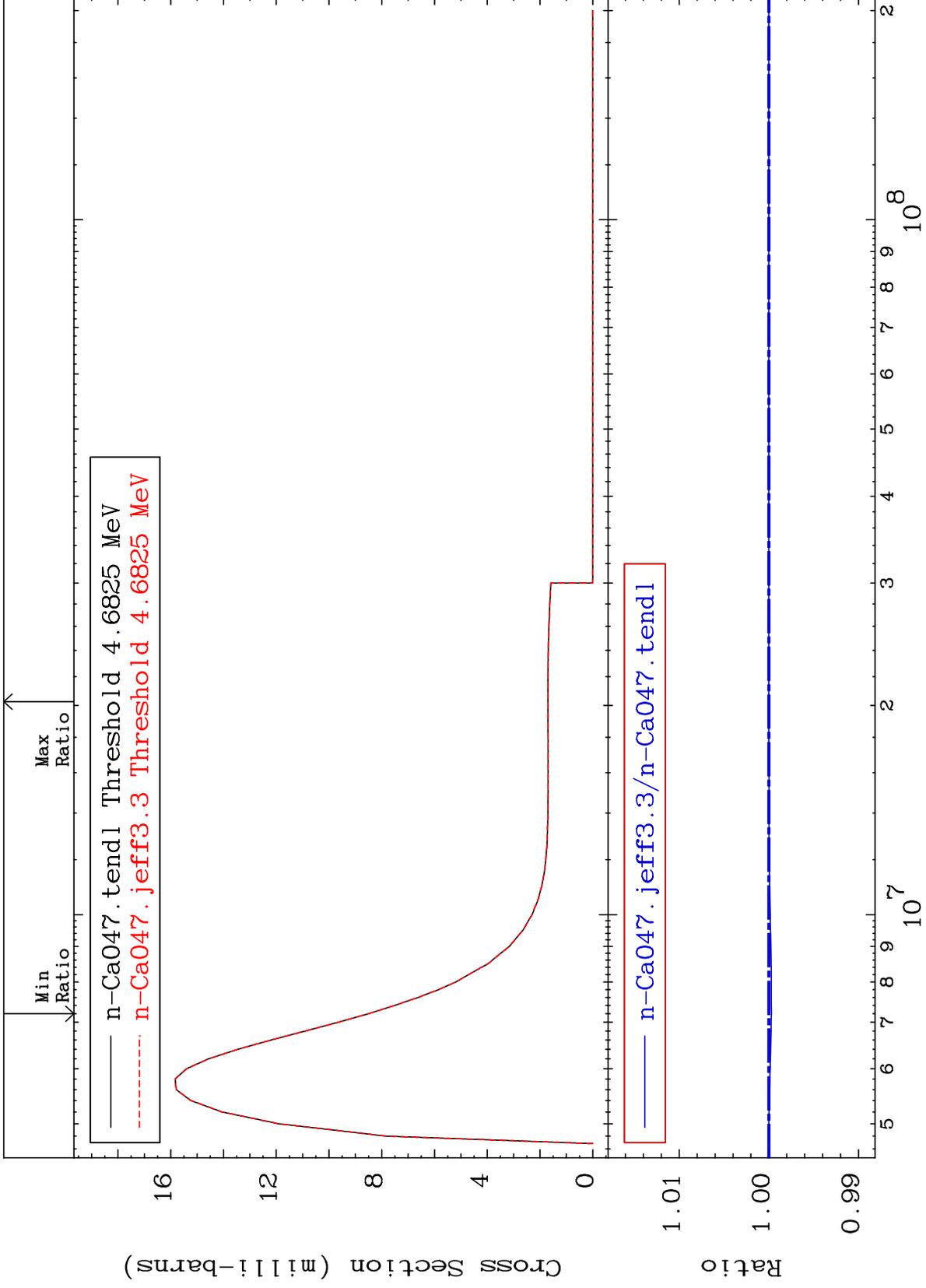
20-Ca-47  
-0.042 To 0.000 %



MAT 2046

MT= 74 (n,n') Level  
Cross Section

20-Ca-47  
-0.029 To 0.000 %



37

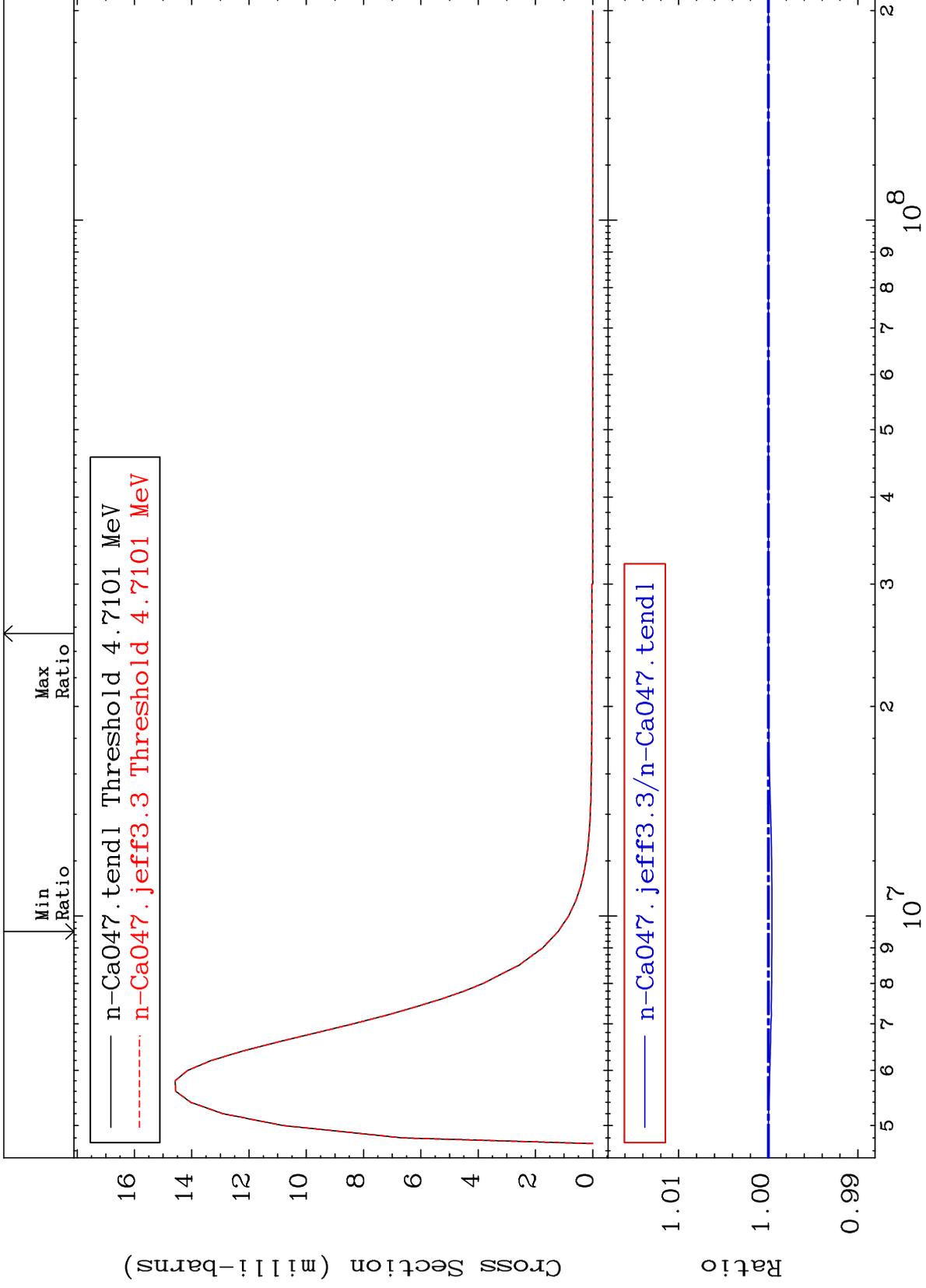
Incident Energy (eV)

20-Ca-47

MAT 2046

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

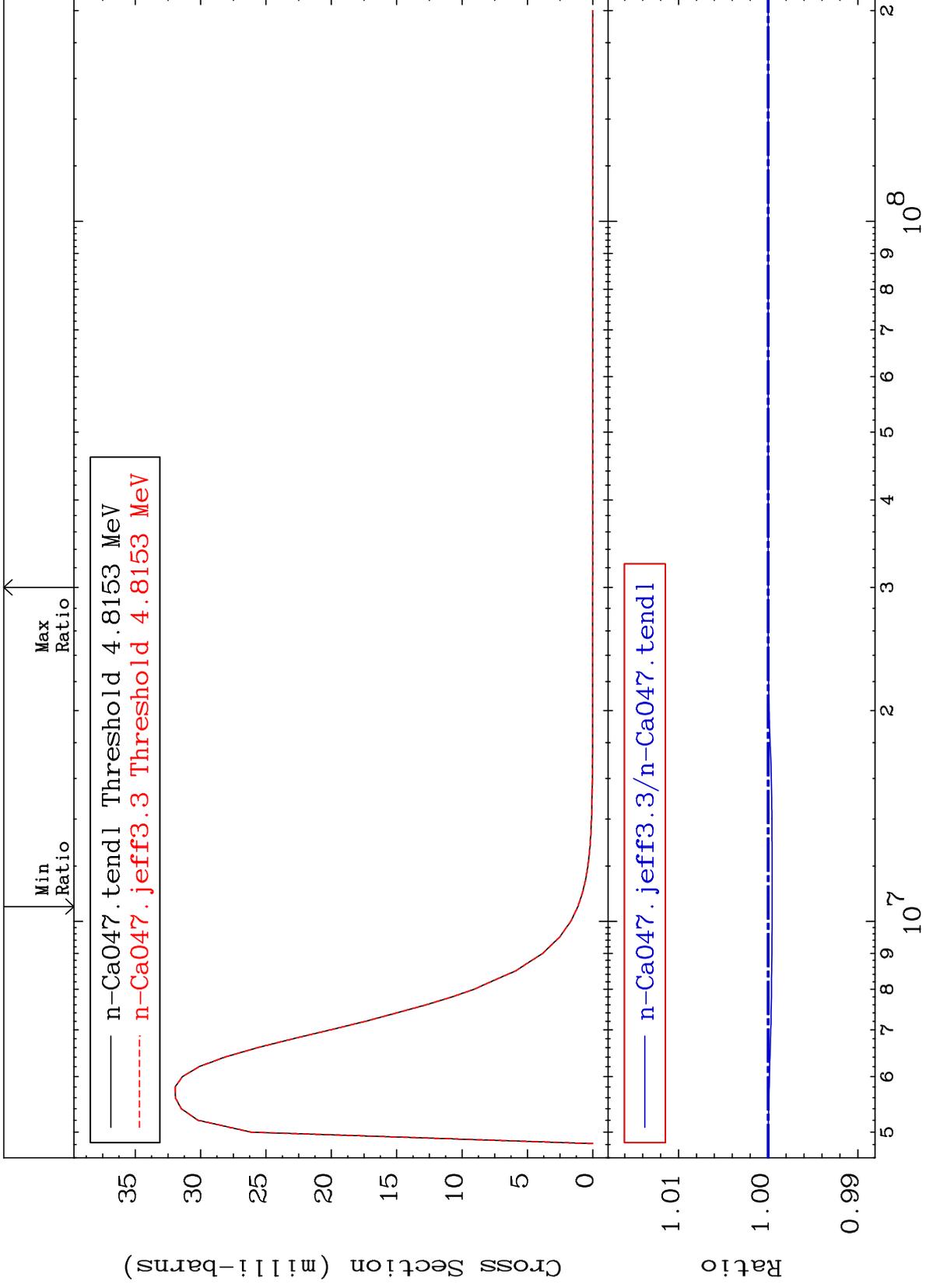
20-Ca-47  
-0.041 To 0.000 %



MAT 2046

MT= 76 (n,n') Level  
Cross Section

20-Ca-47  
-0.044 To 0.000 %



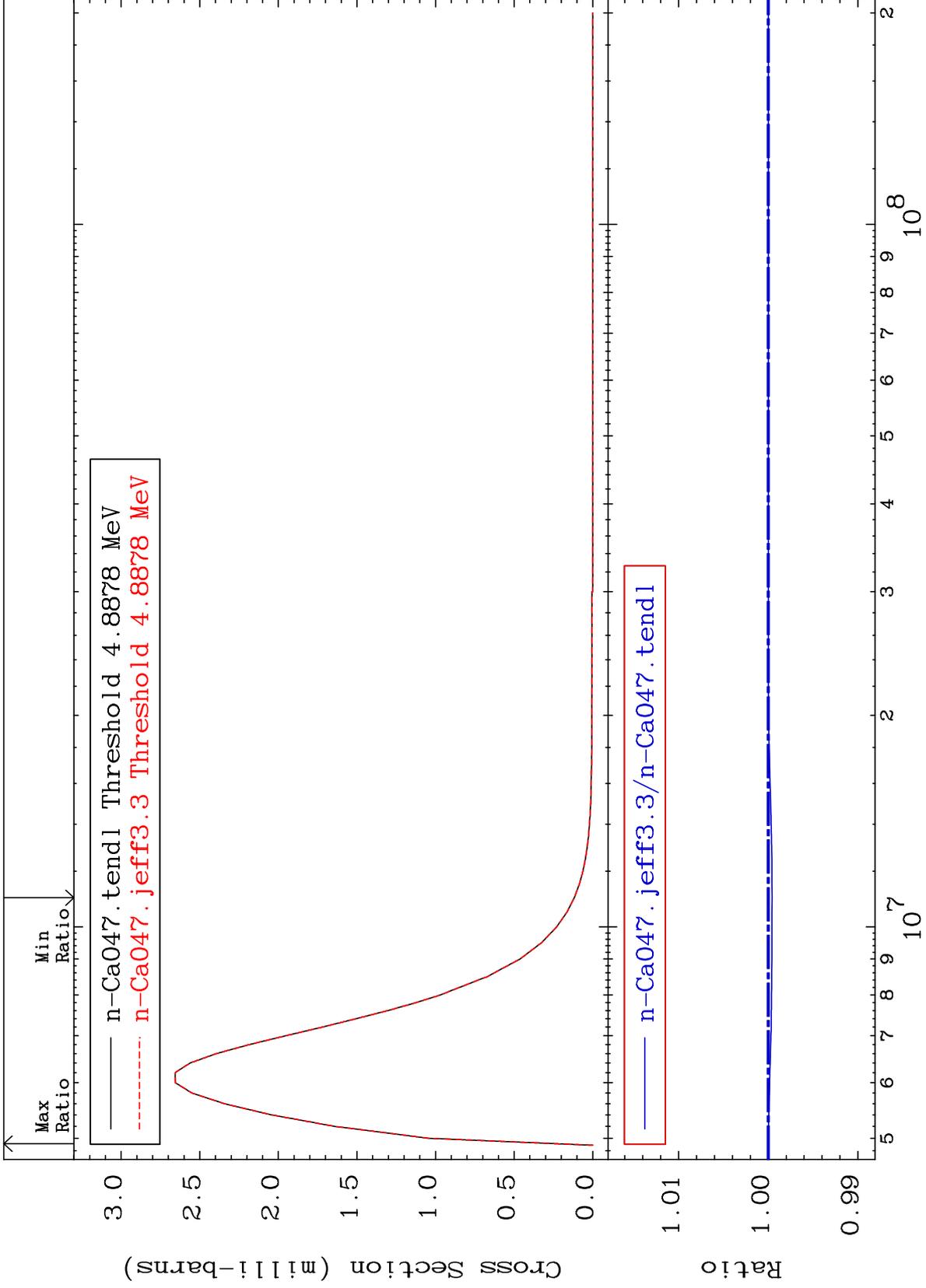
39

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.042 To 0.000 %



40

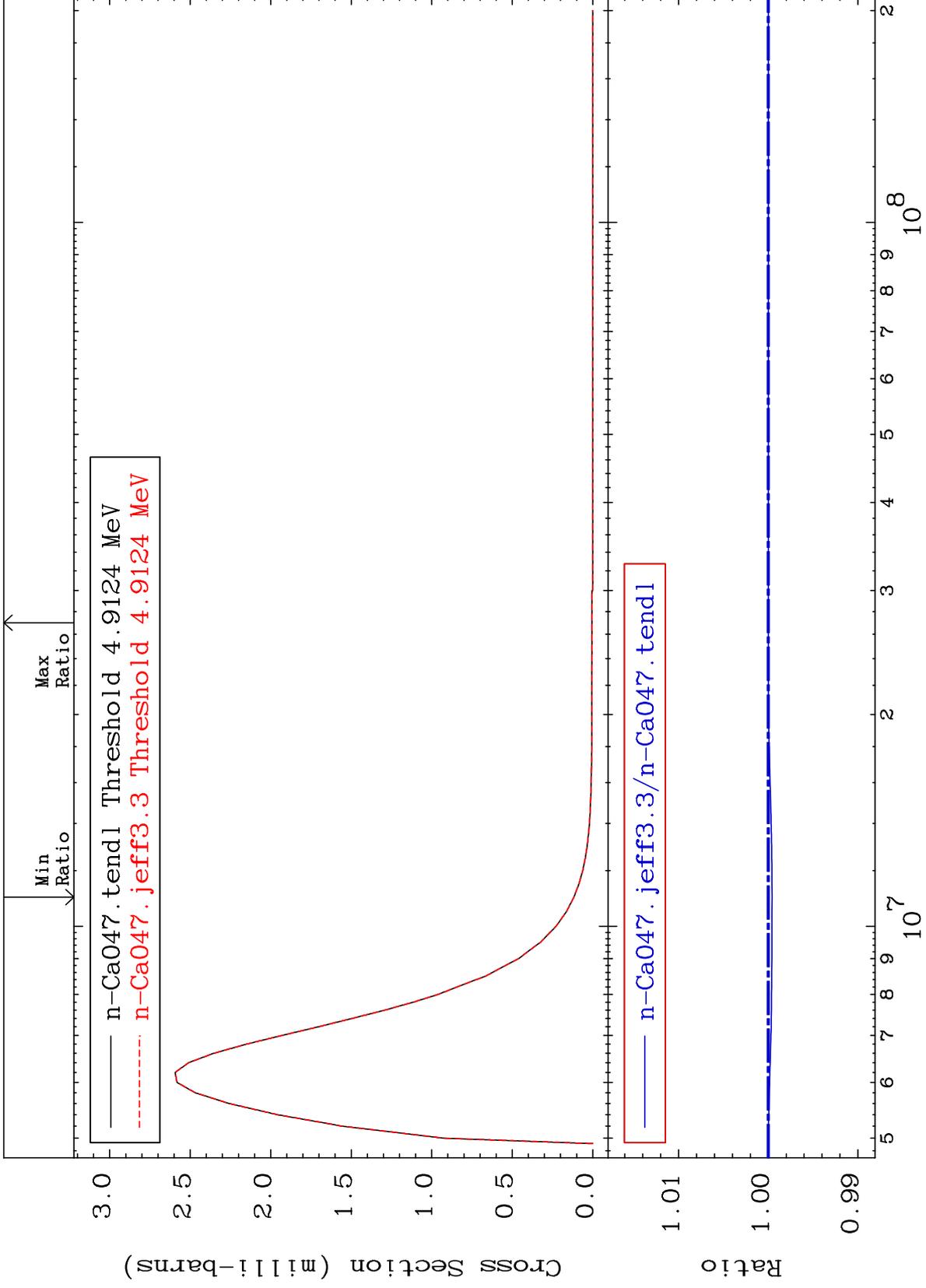
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.042 To 0.000 %



41

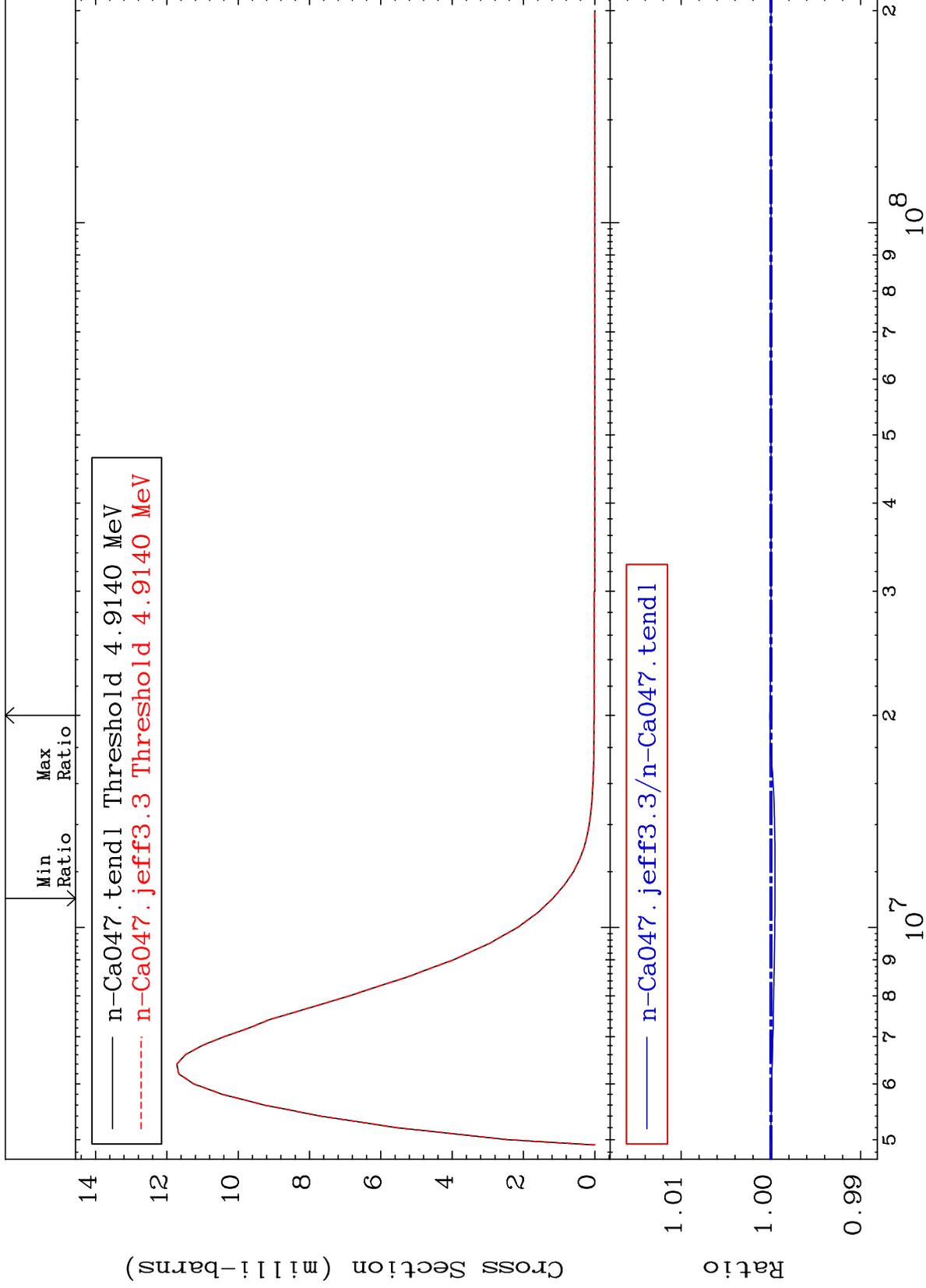
Incident Energy (eV)

20-Ca-47

MAT 2046

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

20-Ca-47  
-0.045 To 0.013 %



42

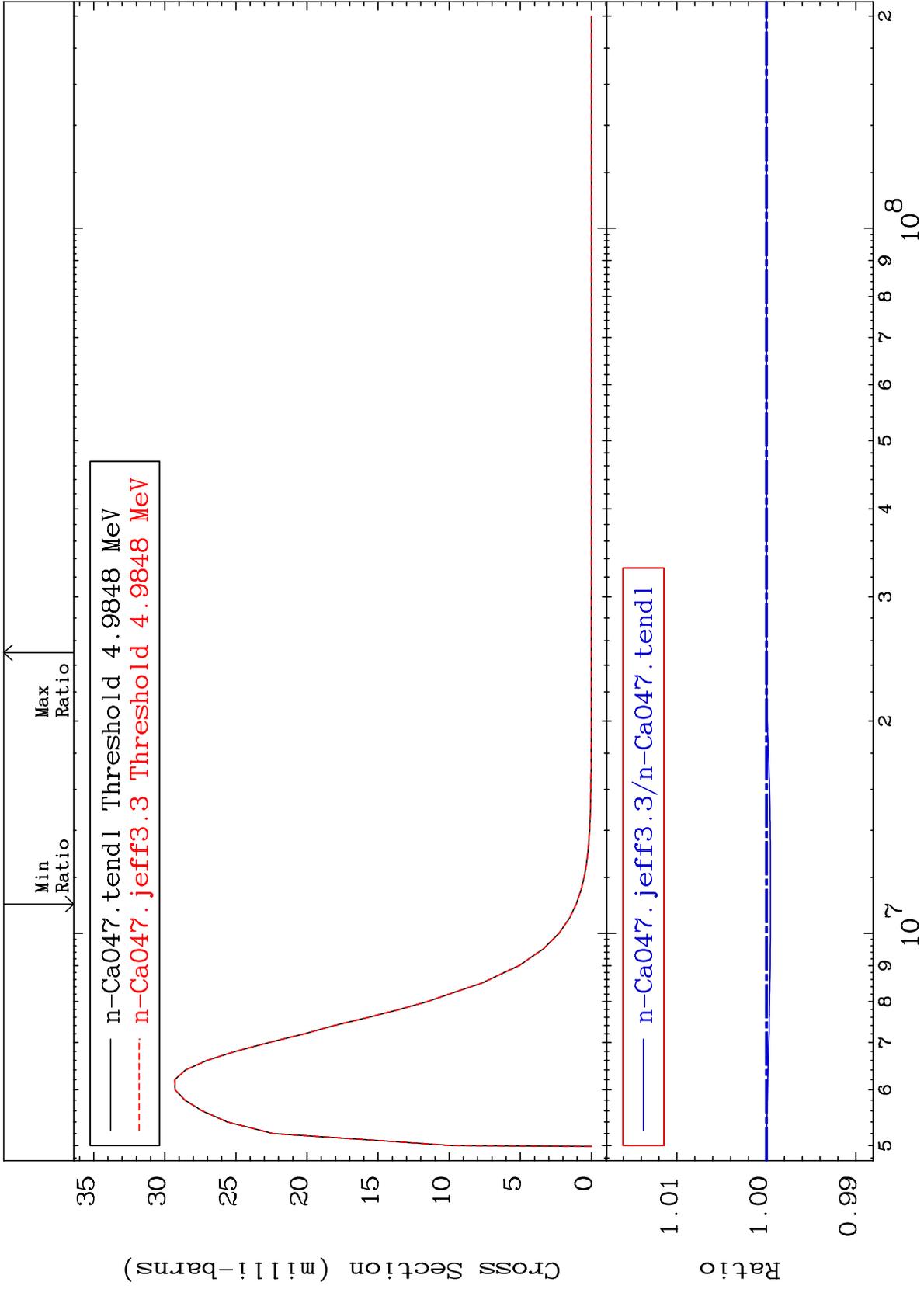
Incident Energy (eV)

20-Ca-47

MAT 2046

MT= 80 (n,n') Level  
Cross Section

20-Ca-47  
-0.046 To 0.000 %



43

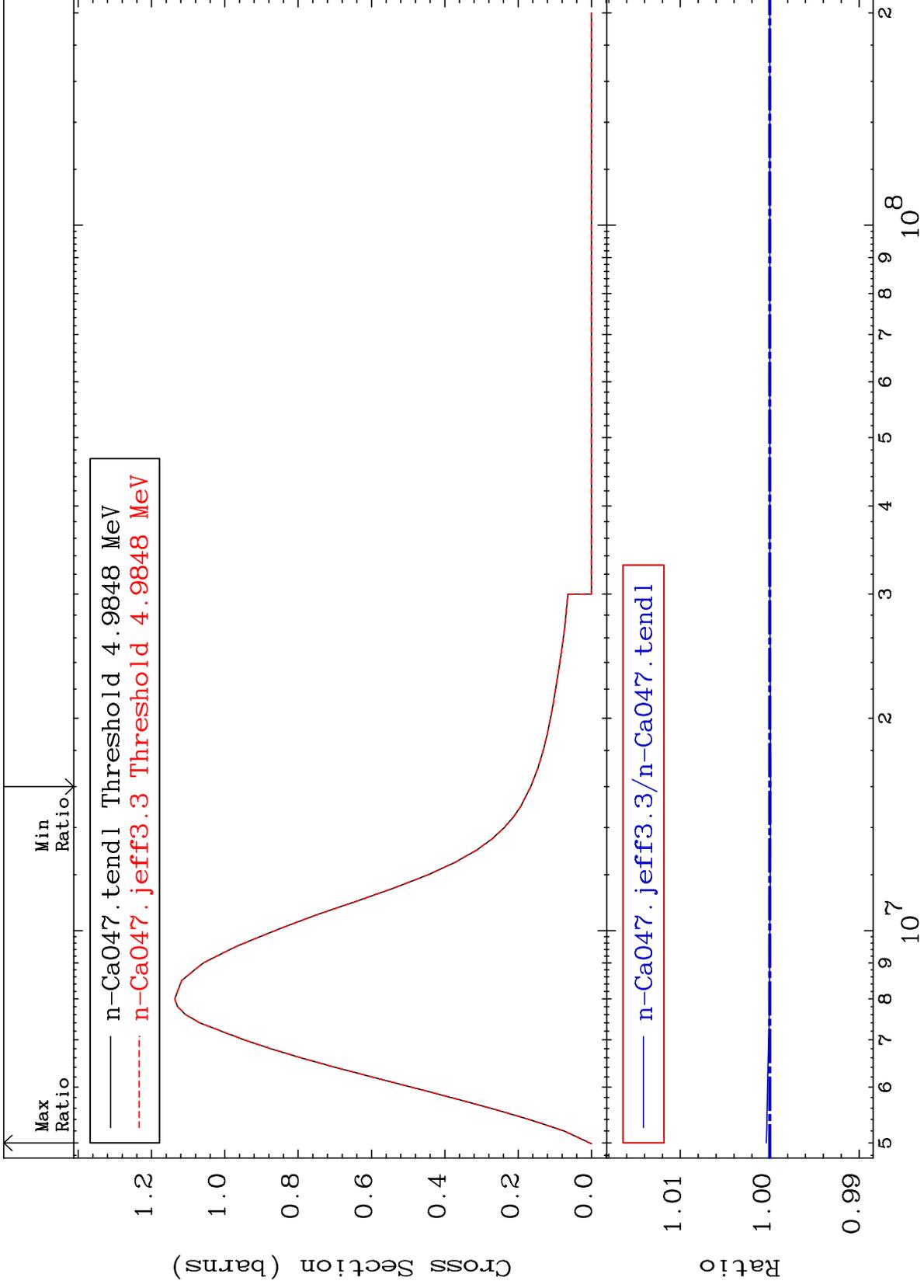
Incident Energy (eV)

20-Ca-47

MAT 2046

(n, n') Continuum  
Cross Section

20-Ca-47  
-0.009 To 0.038 %



44

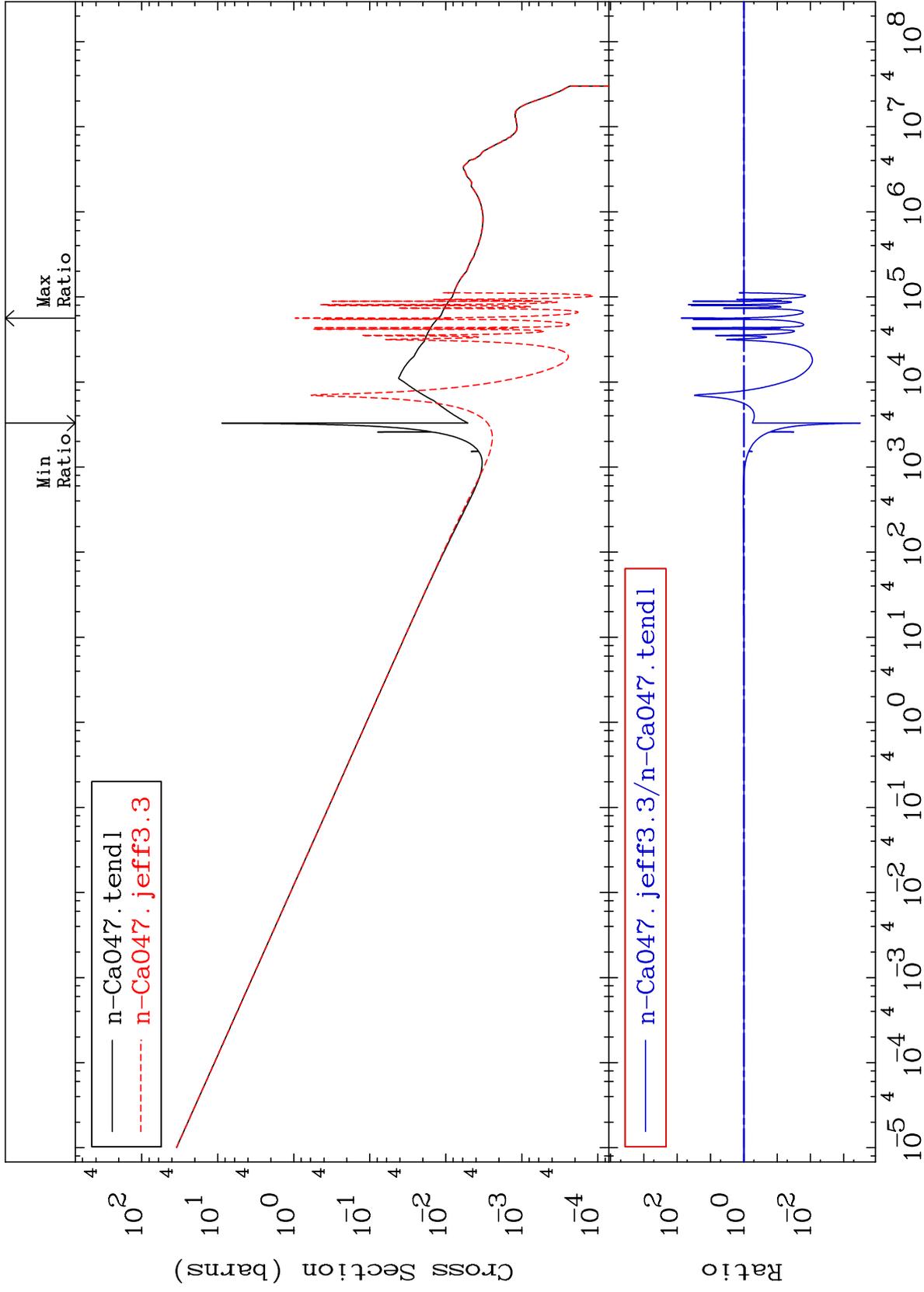
Incident Energy (eV)

20-Ca-47

MAT 2046

(n,  $\gamma$ )  
Cross Section

20-Ca-47  
-99.97 To 7492. %



45

Incident Energy (eV)

20-Ca-47

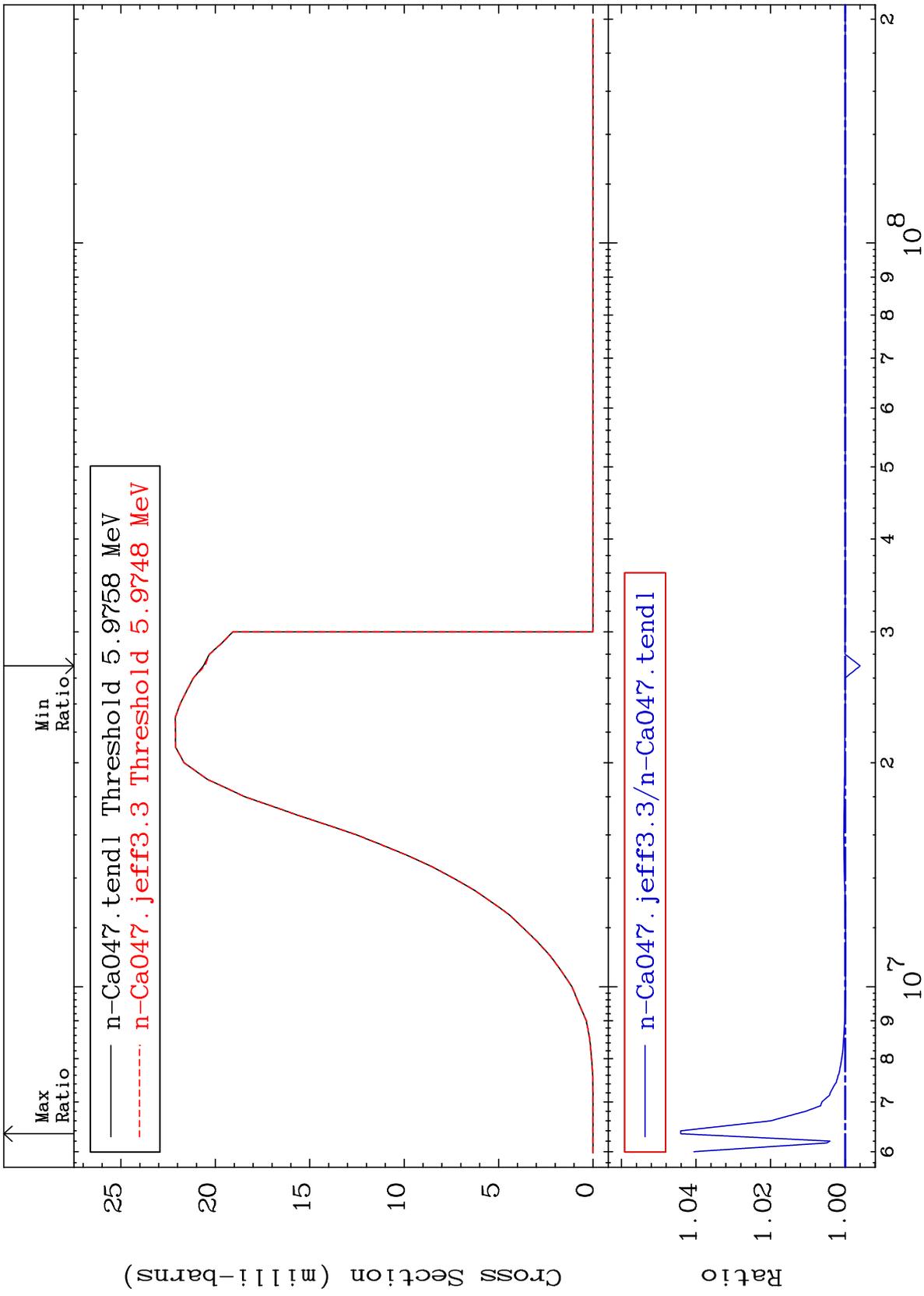
MAT 2046

(n,p)

20-Ca-47

Cross Section

-0.400 To 4.409 %



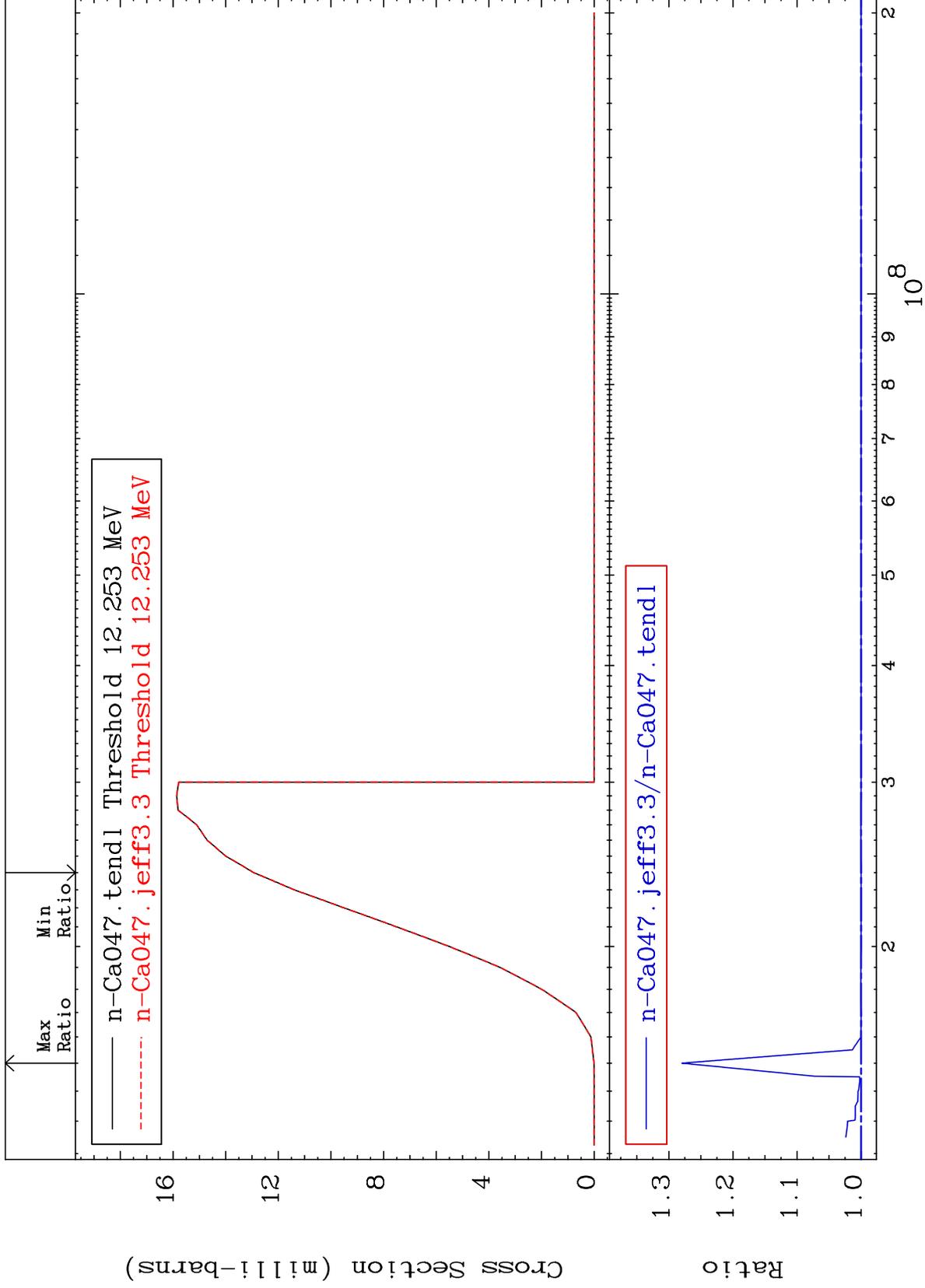
MAT 2046

(n, d)

20-Ca-47

Cross Section

-0.005 To 27.96 %



47

20-Ca-47

MAT 2046

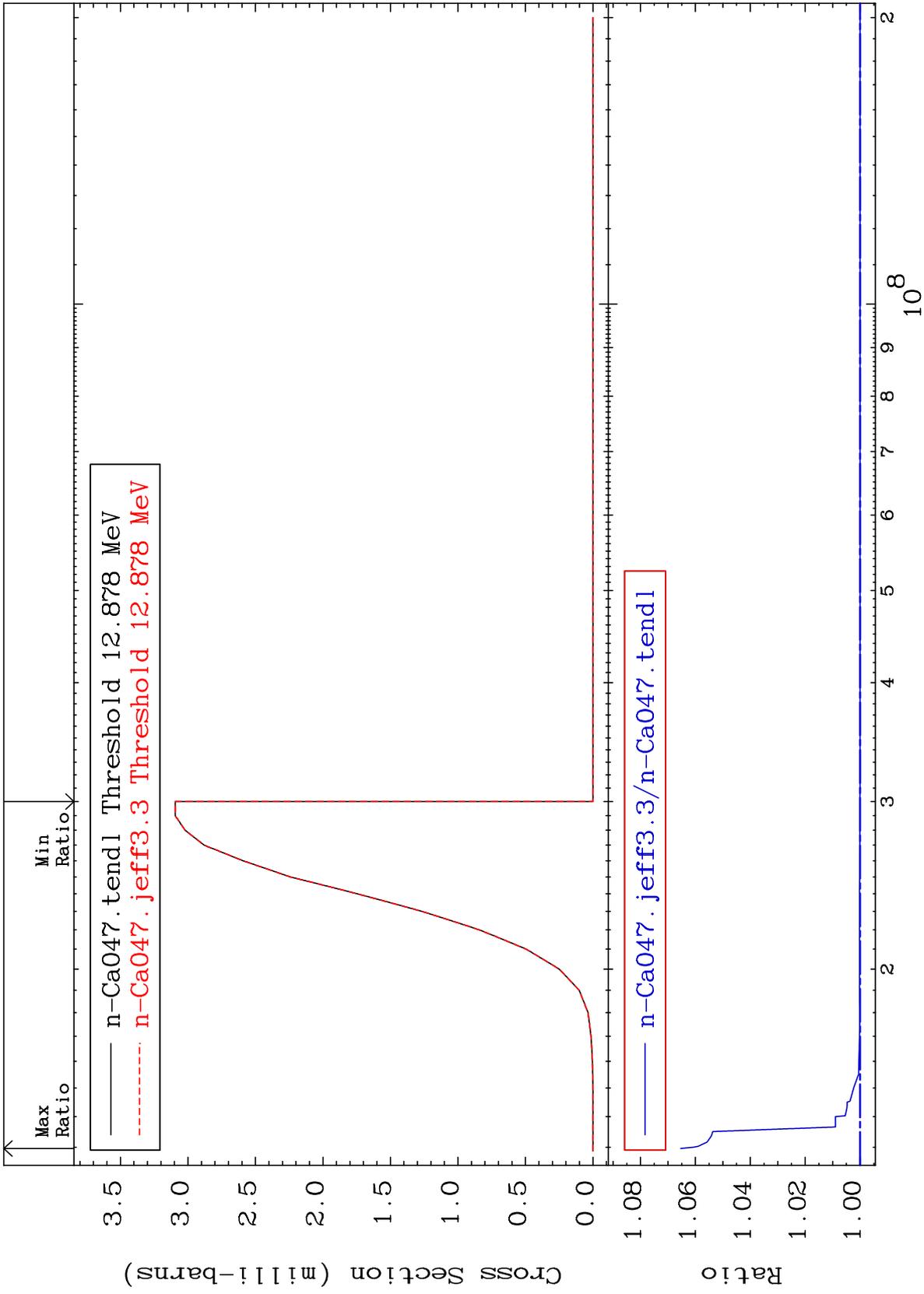
(n, t)

20-Ca-47

Cross Section

0.000

To 6.533 %



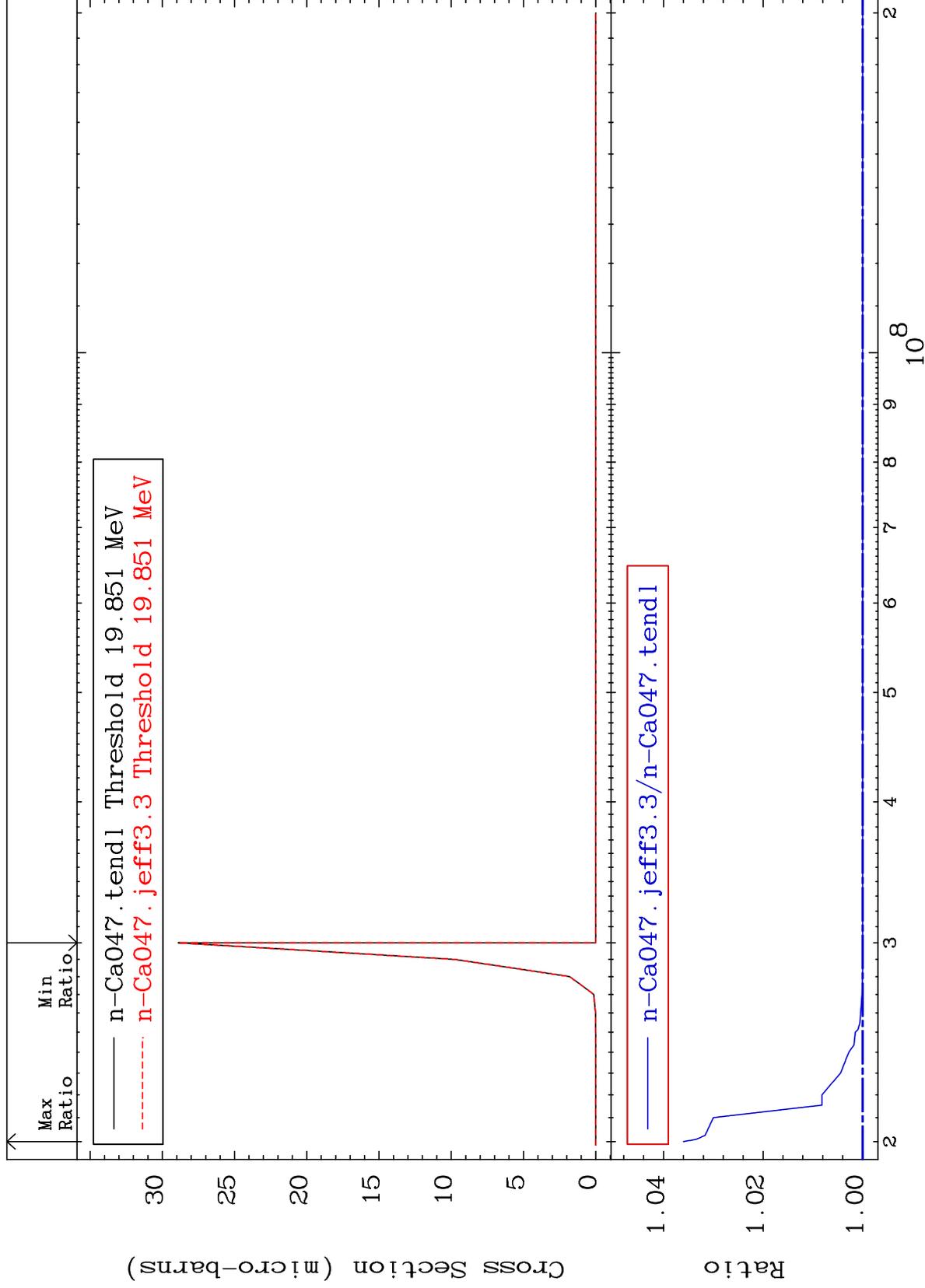
MAT 2046

(n, He-3)

20-Ca-47

Cross Section

-0.002 To 3.600 %



49

Incident Energy (eV)

20-Ca-47

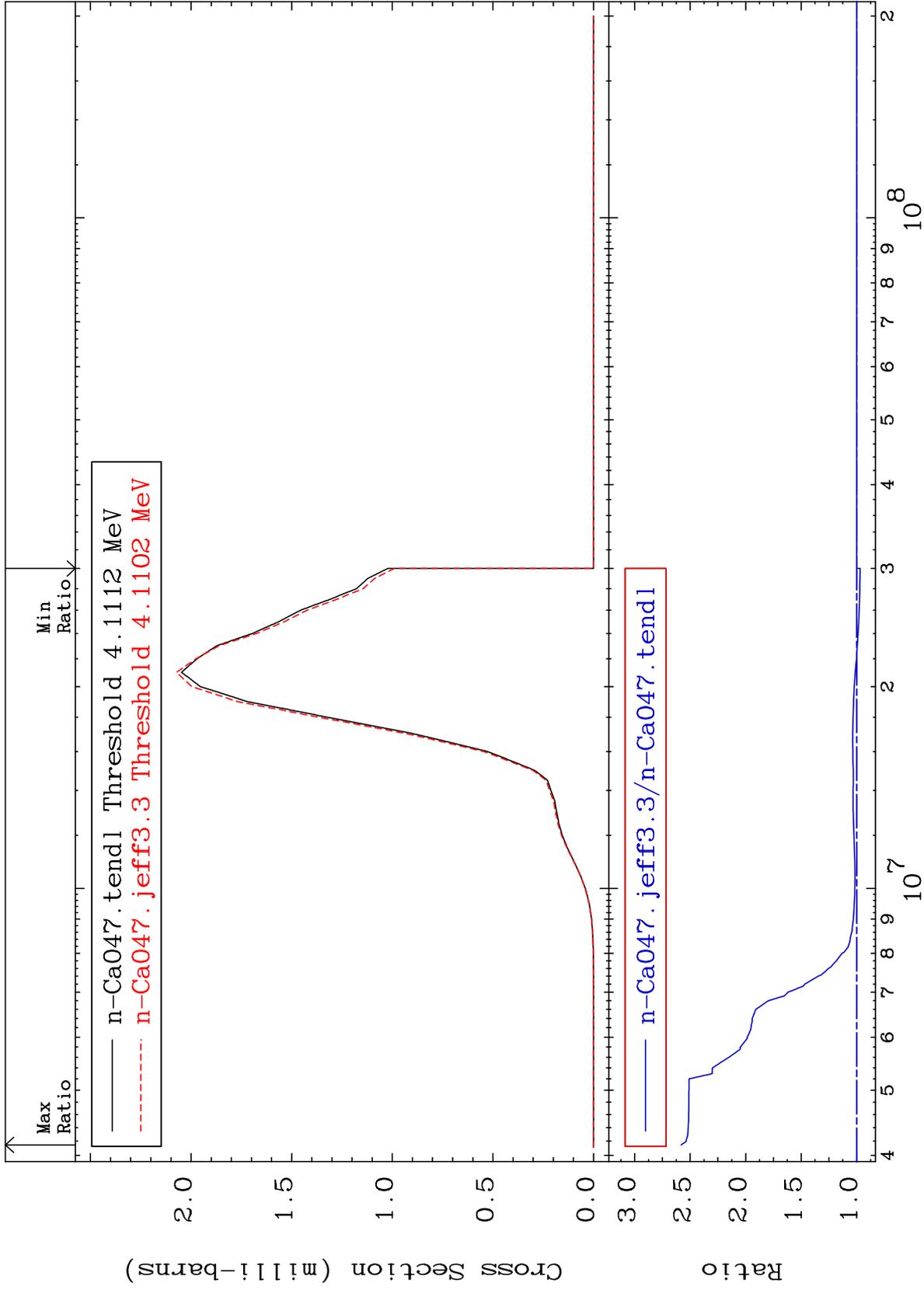
MAT 2046

(n,  $\alpha$ )

20-Ca-47

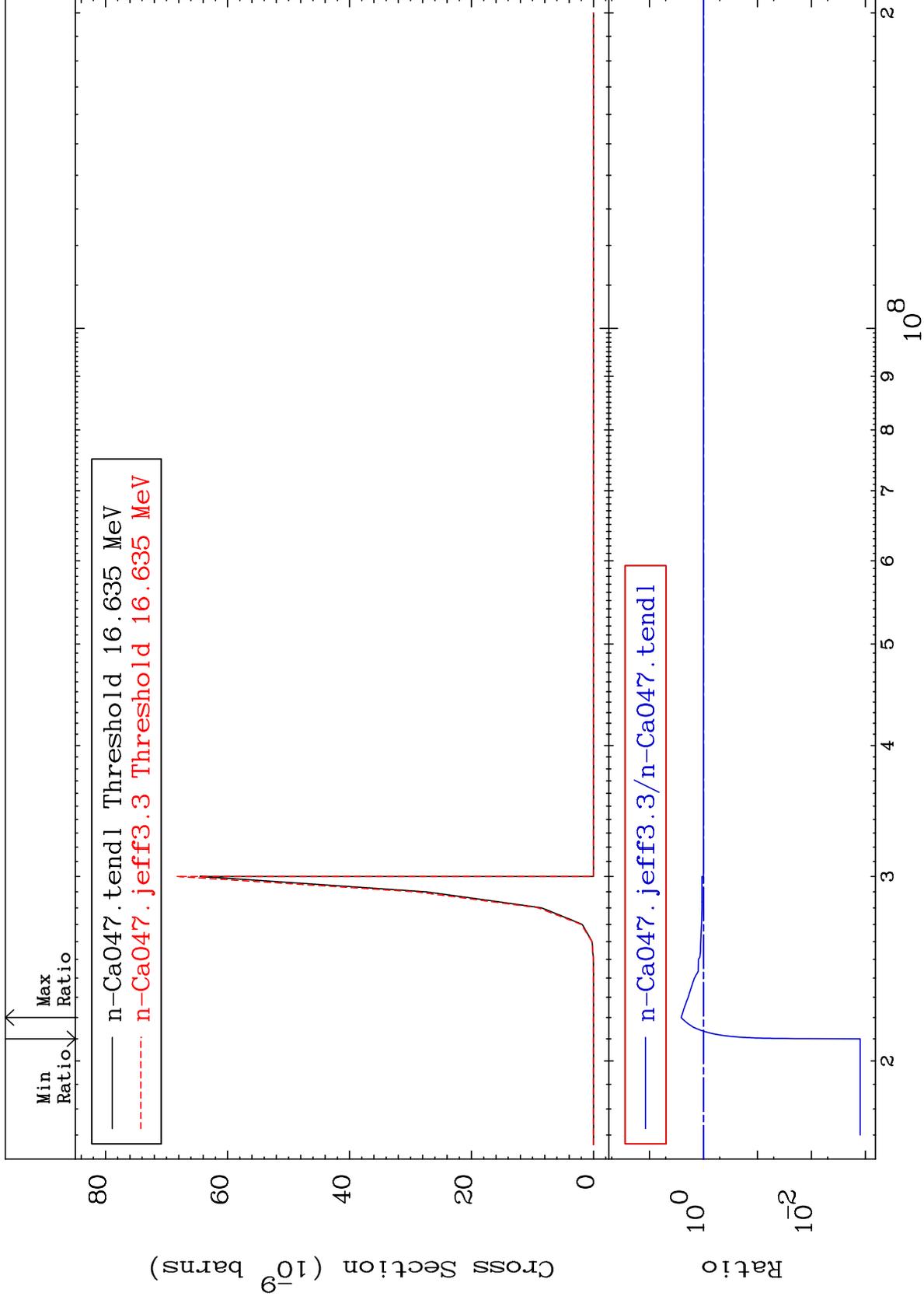
Cross Section

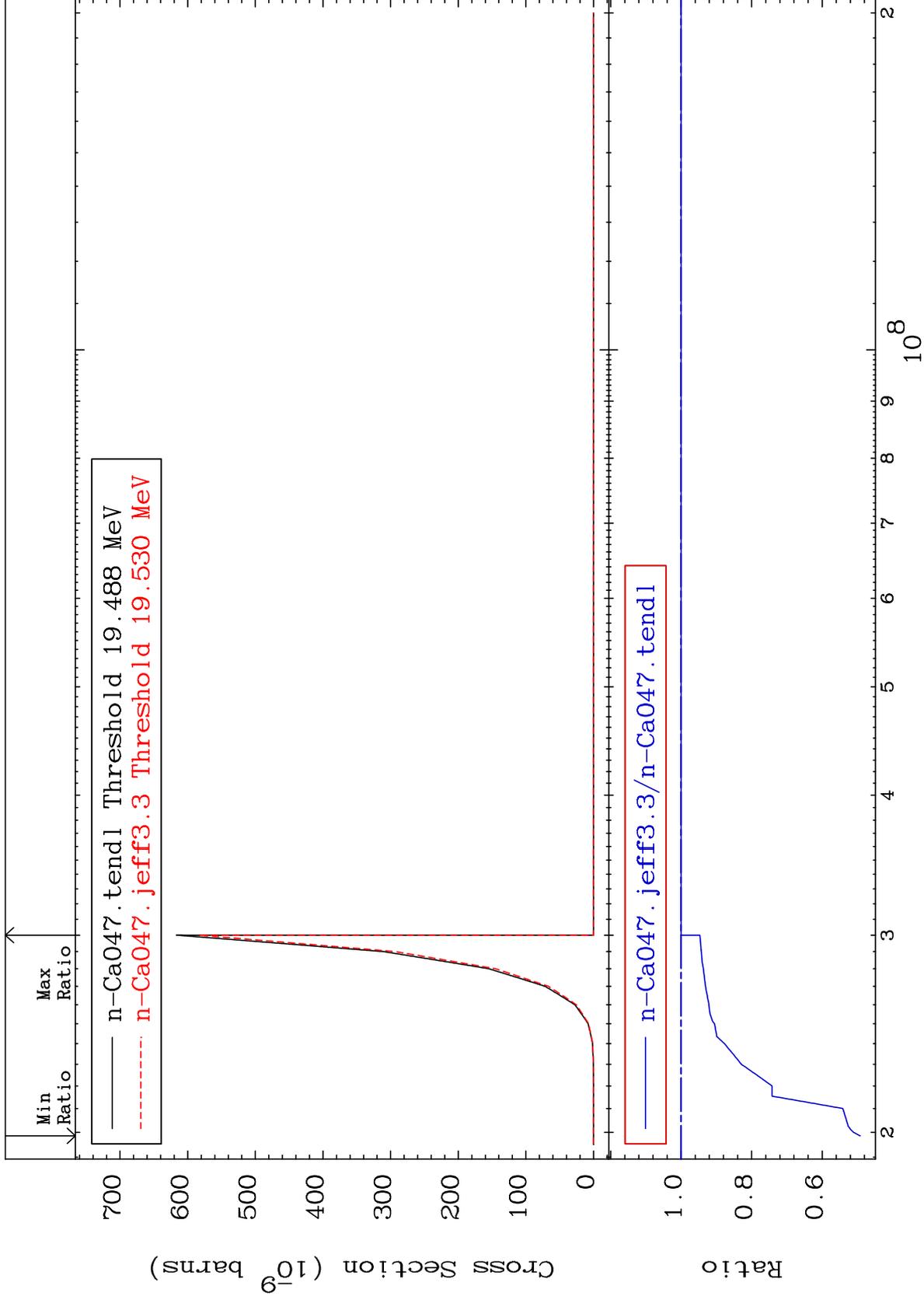
-3.188 To 158.1 %



Cross Section

-99.88 To 158.3 %

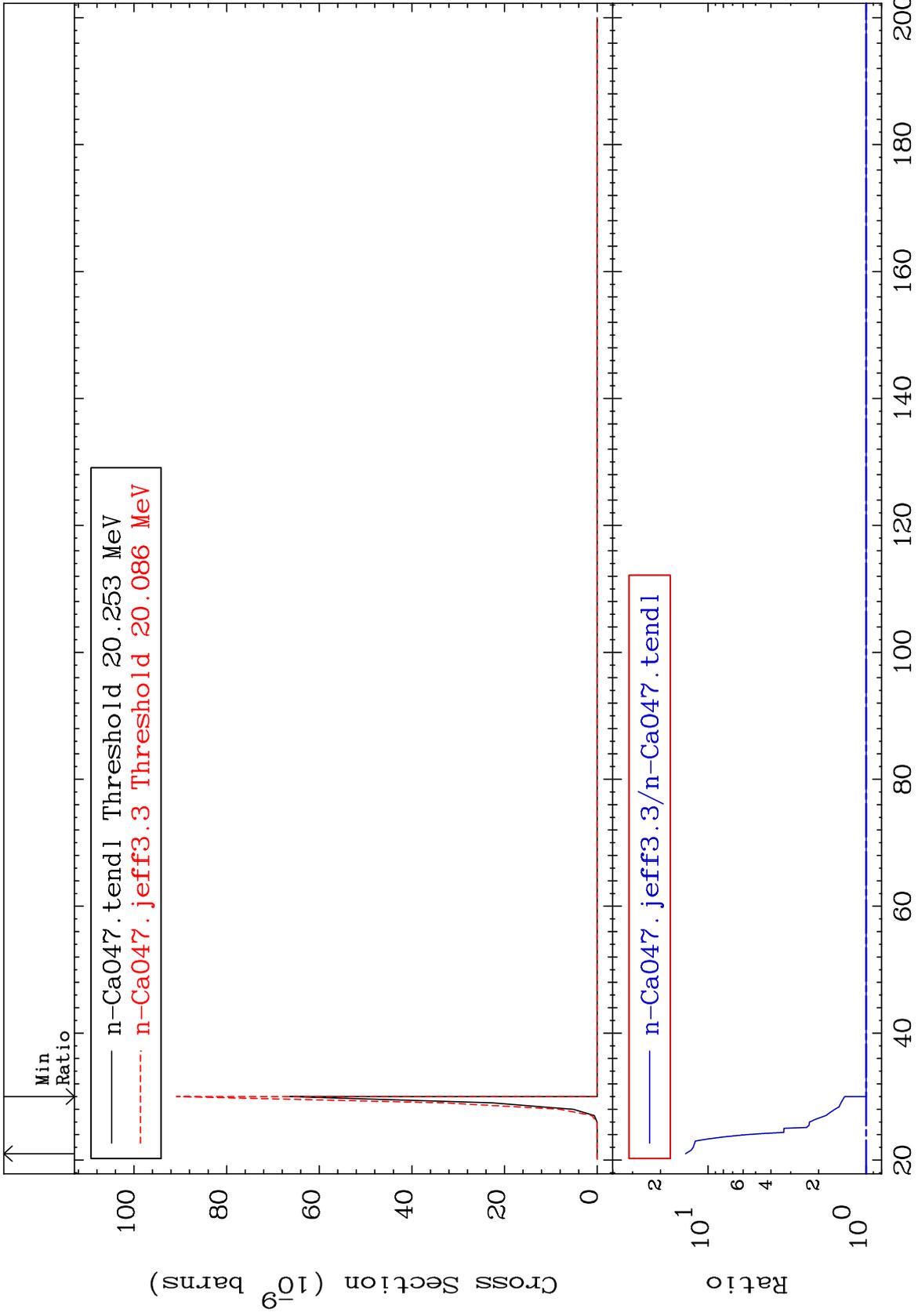


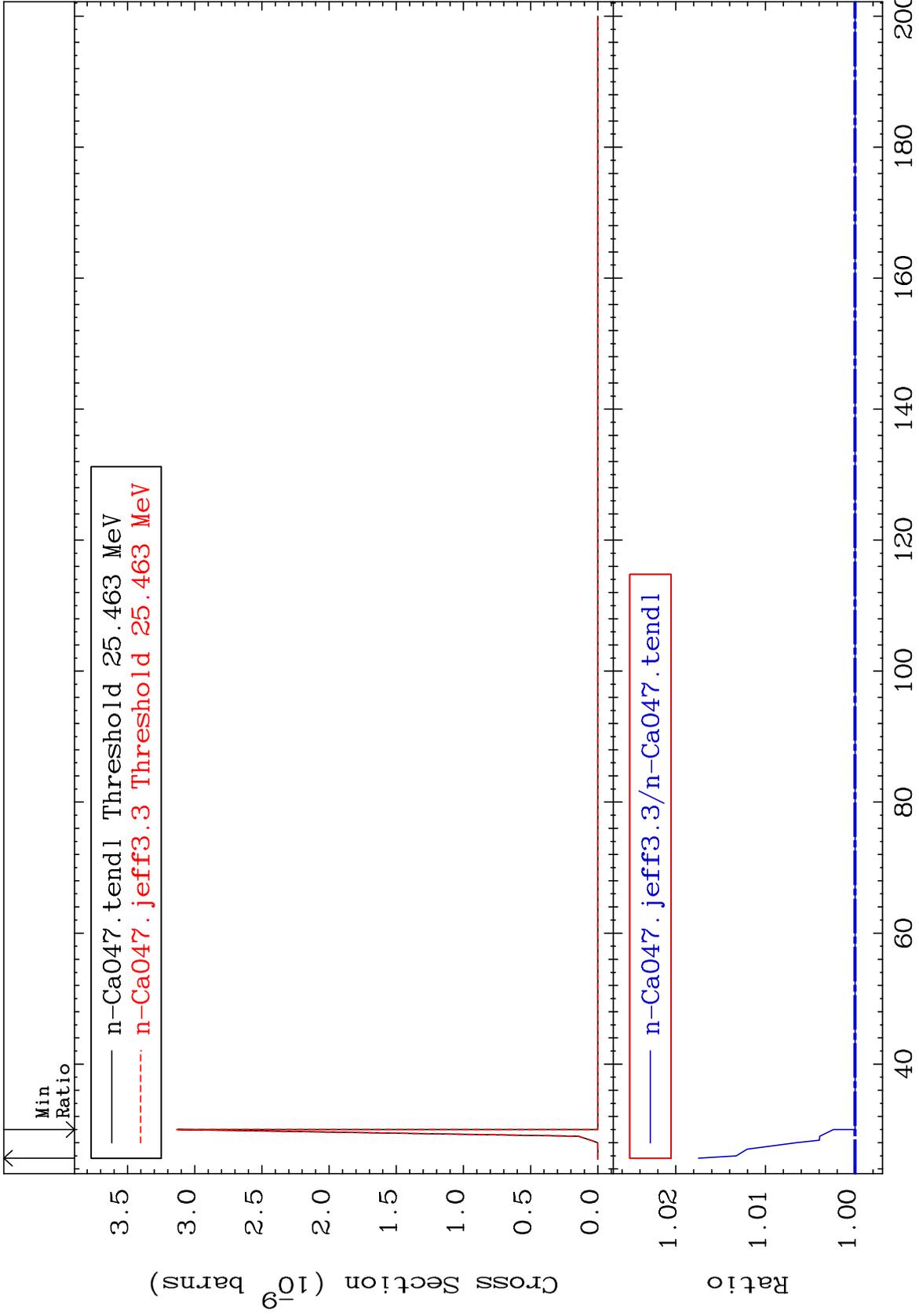


MAT 2046

(n,p)  $\alpha$   
Cross Section

20-Ca-47  
To 1287. %  
0.000

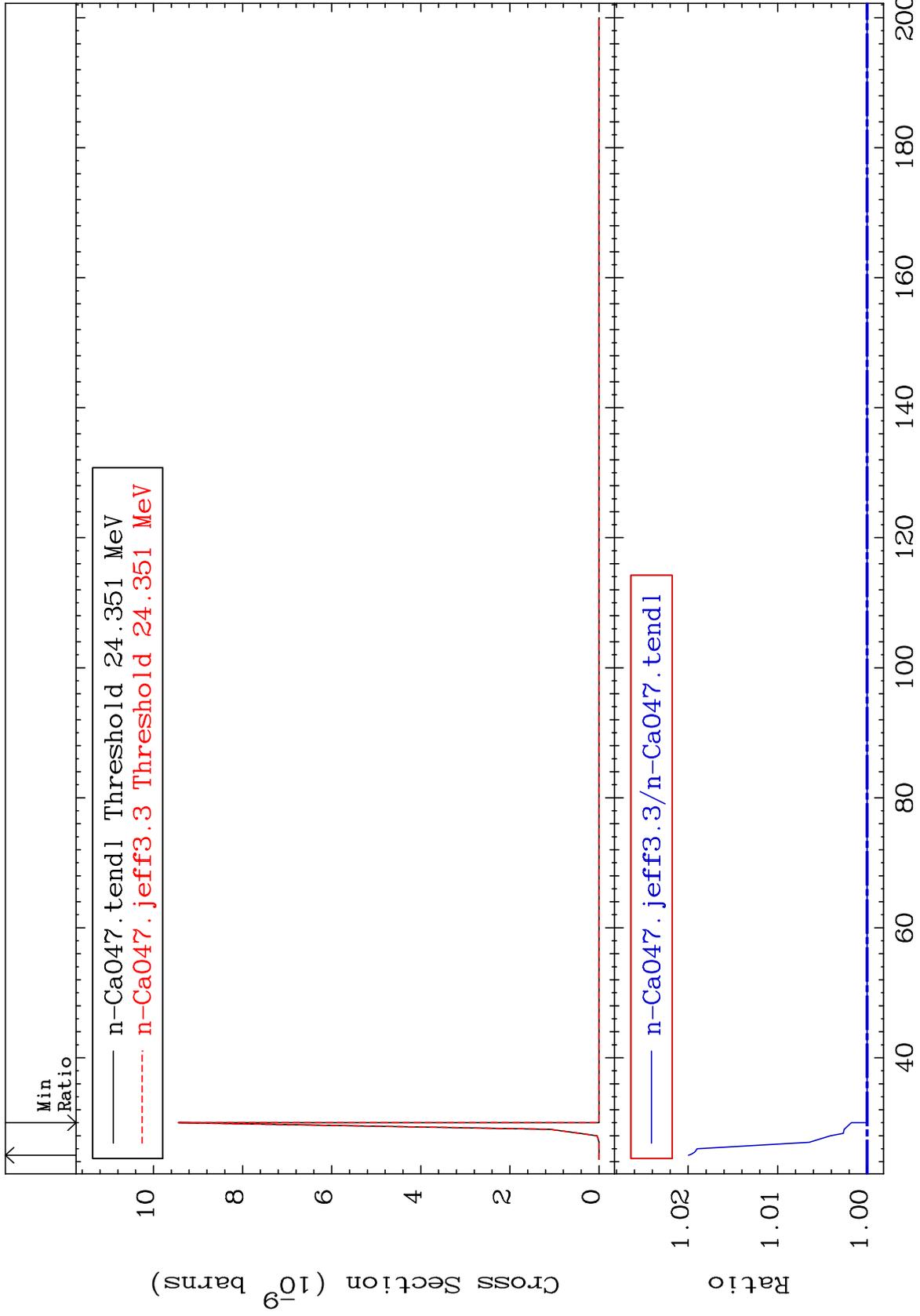


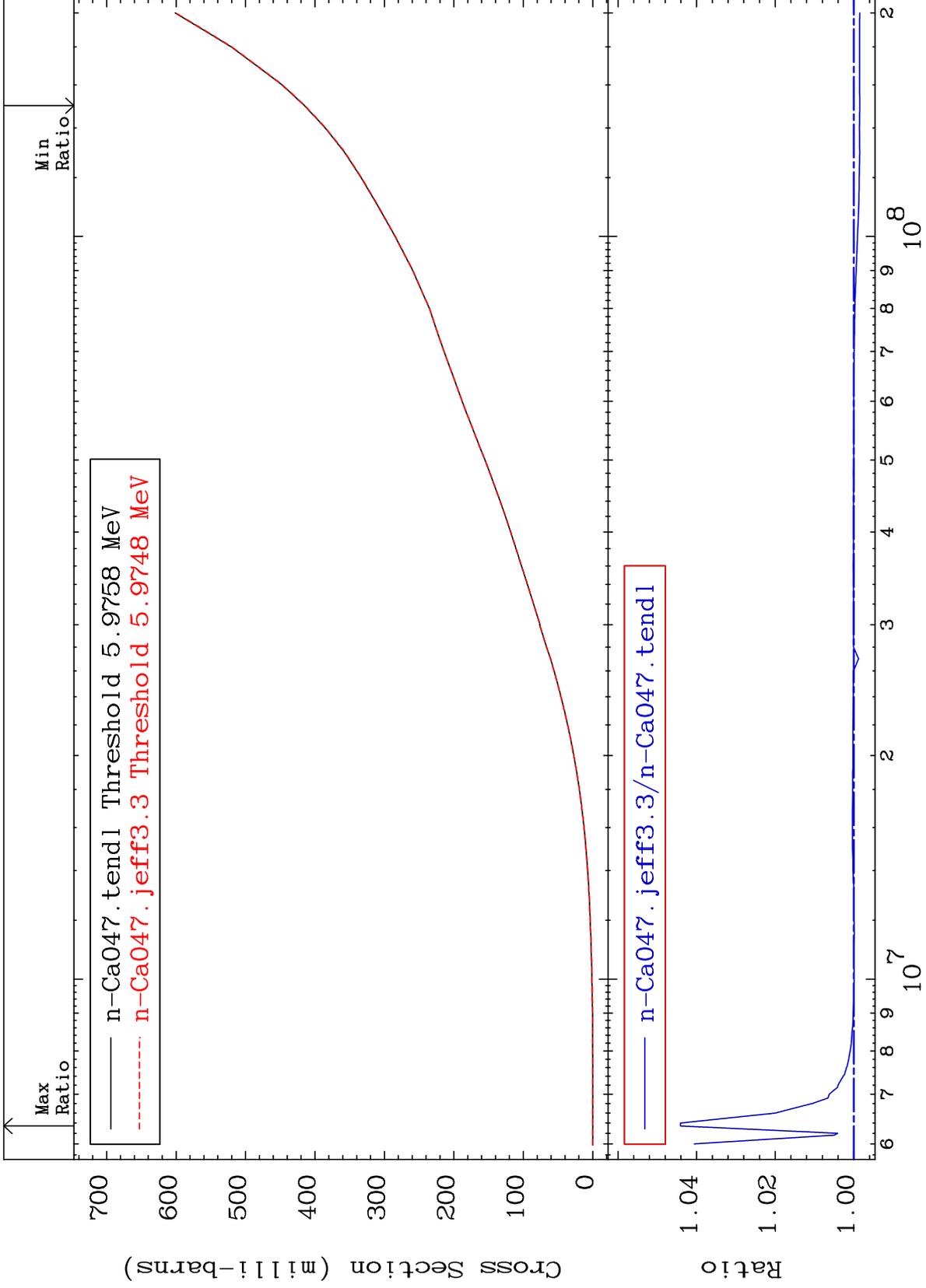


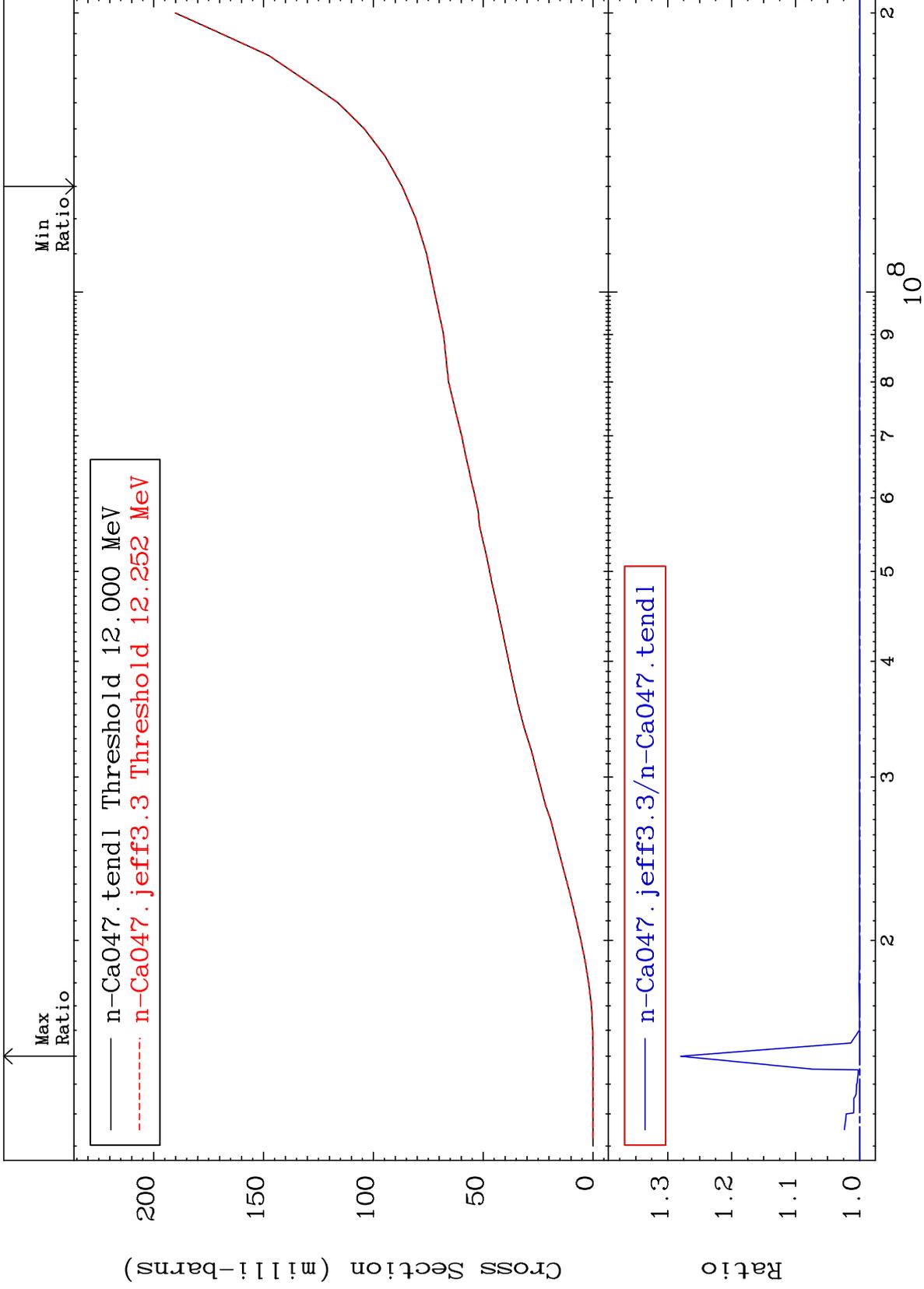
MAT 2046

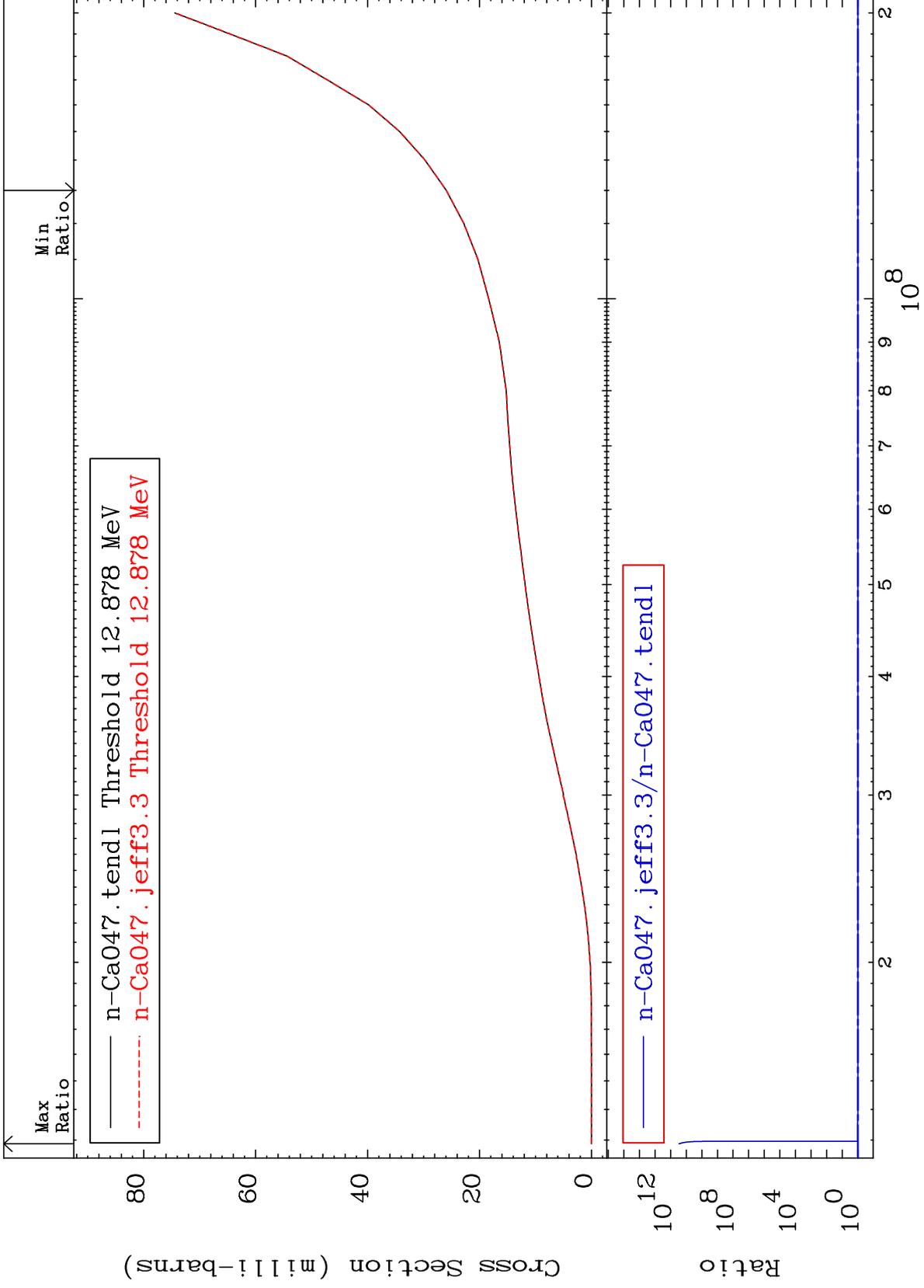
(n,p) t  
Cross Section

20-Ca-47  
To 1.995 %  
0.000





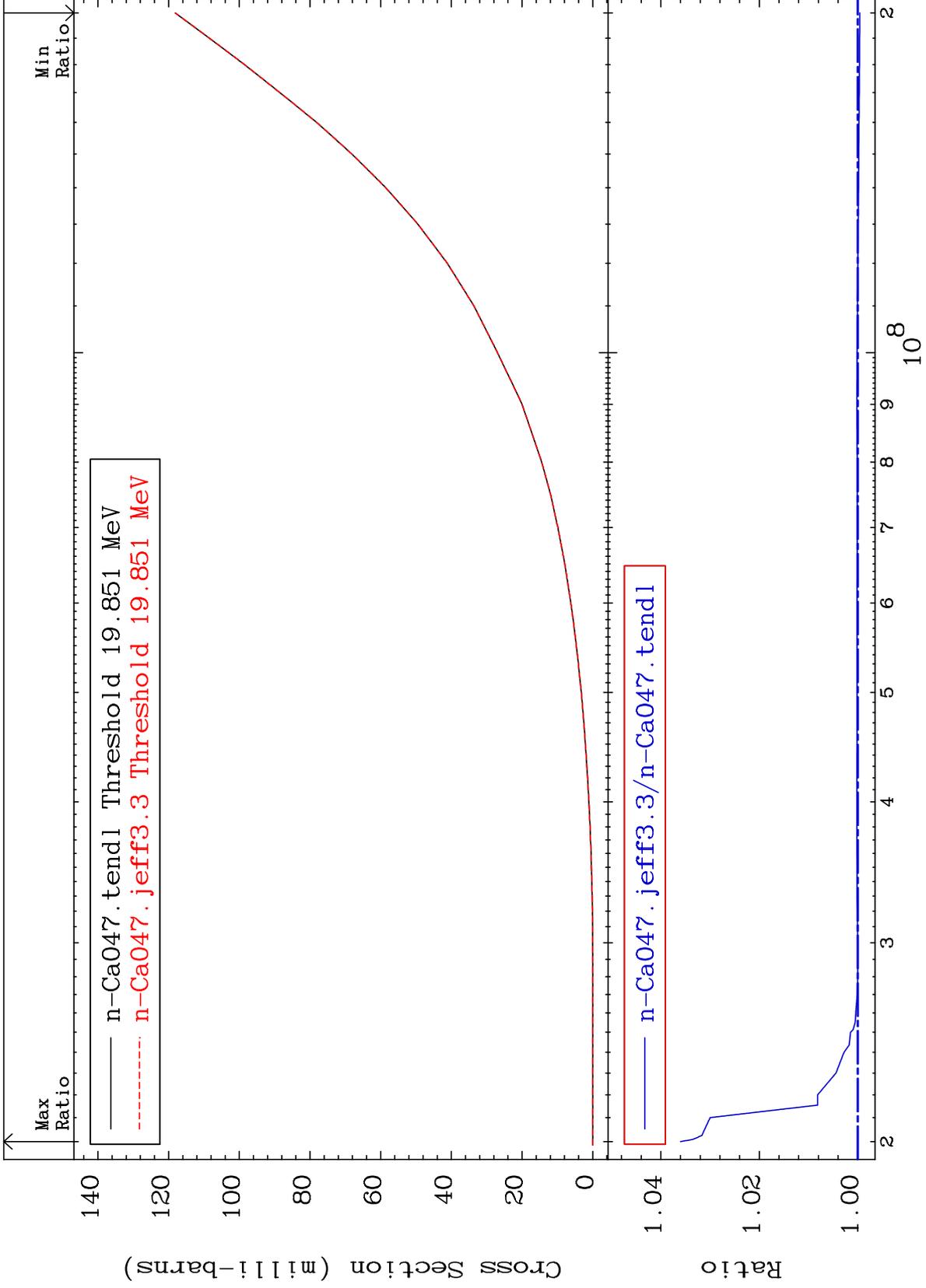




MAT 2046

He-3 Production  
Cross Section

20-Ca-47  
-0.042 To 3.600 %



59

Incident Energy (eV)

20-Ca-47

MAT 2046

He-4 Production  
Cross Section

20-Ca-47  
-0.238 To 158.1 %

