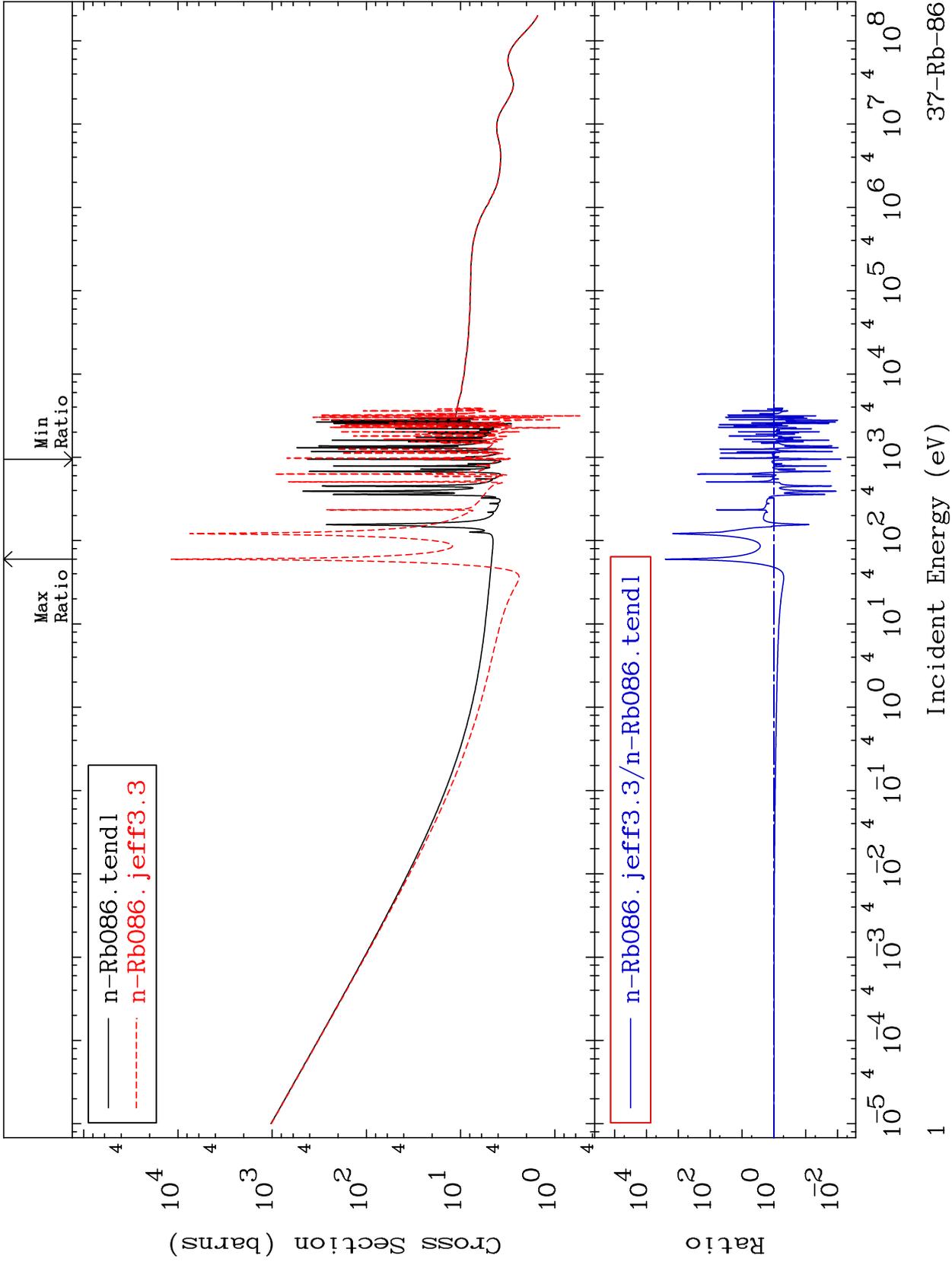
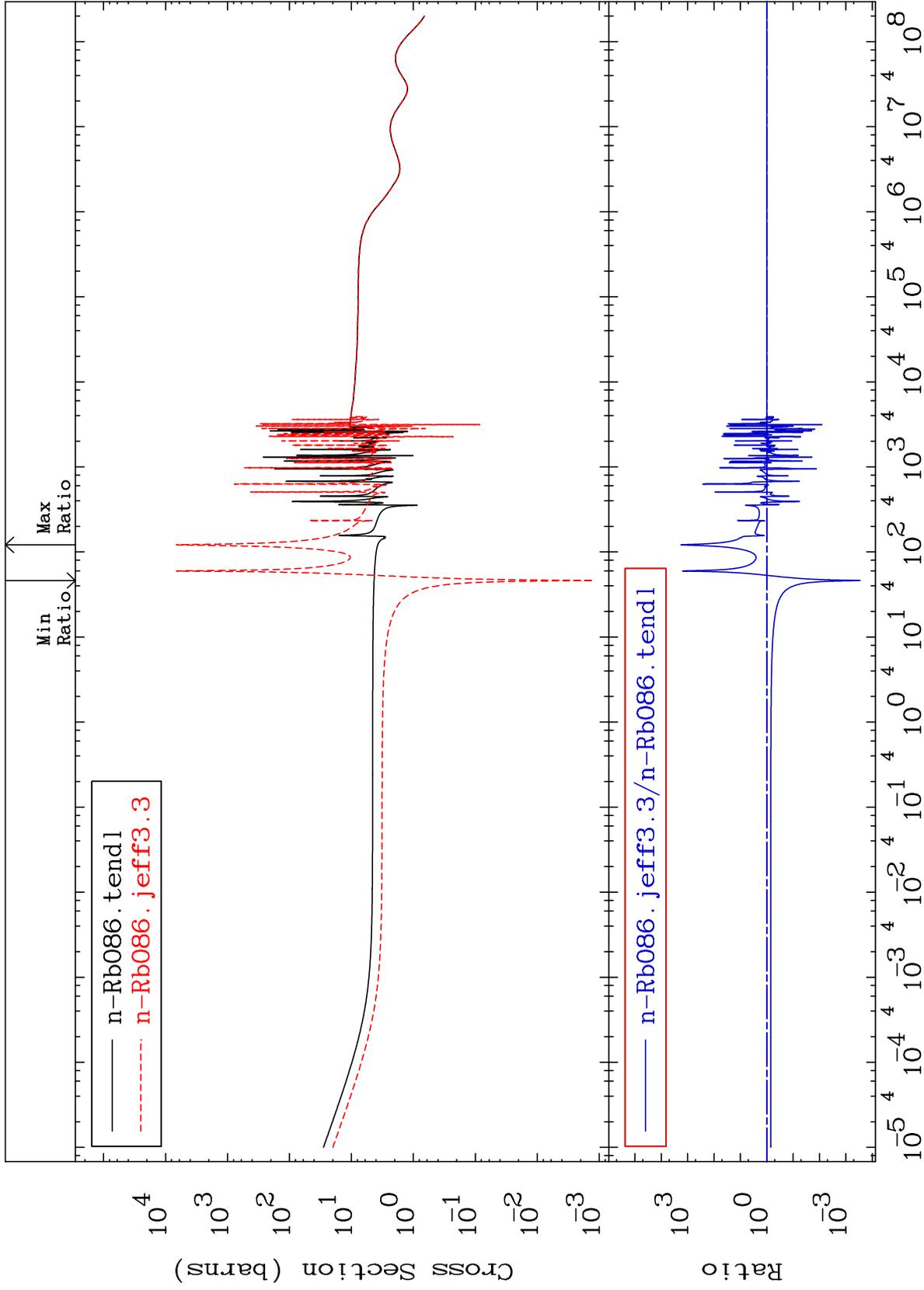
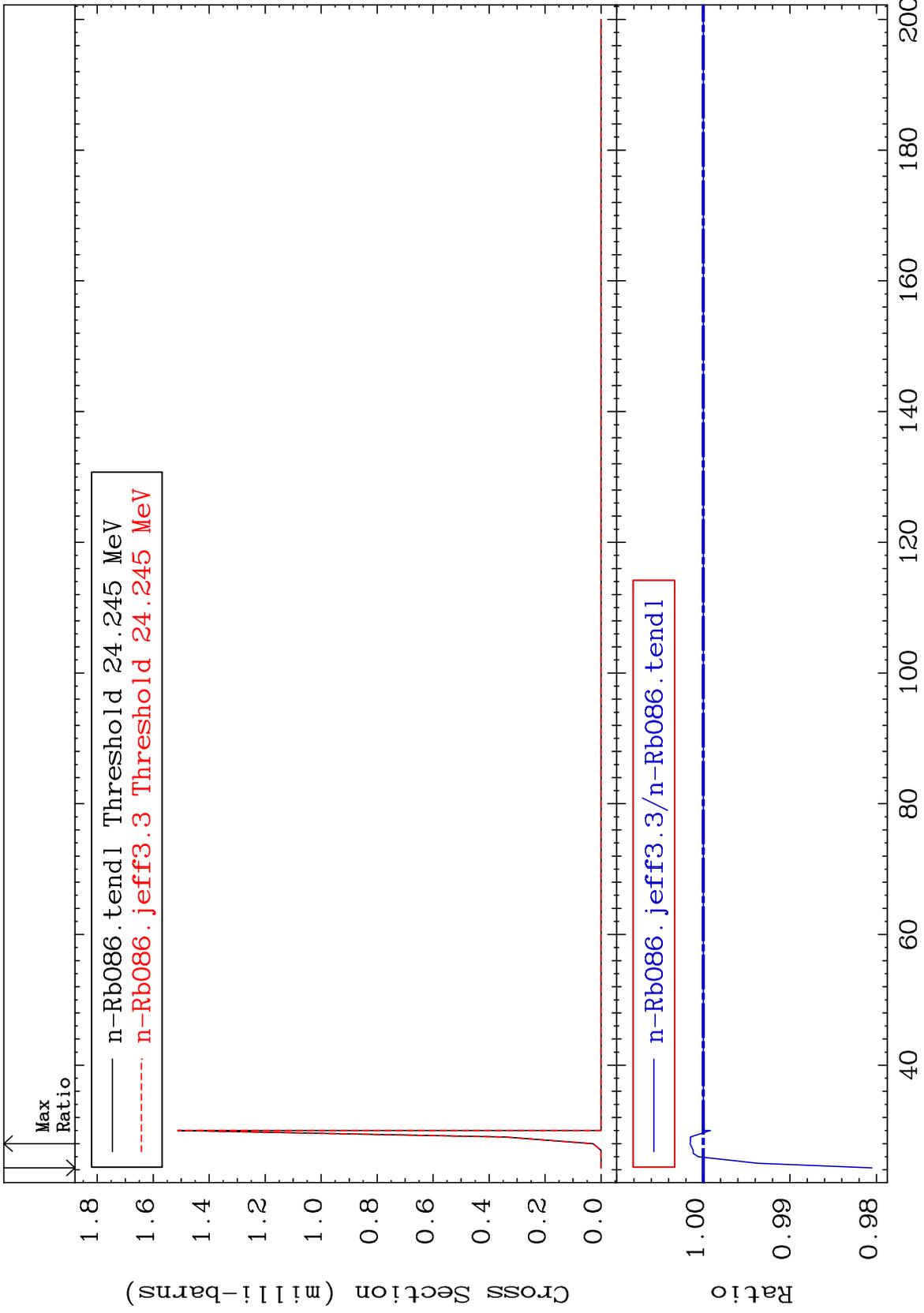


Total  
Cross Section



Elastic Cross Section





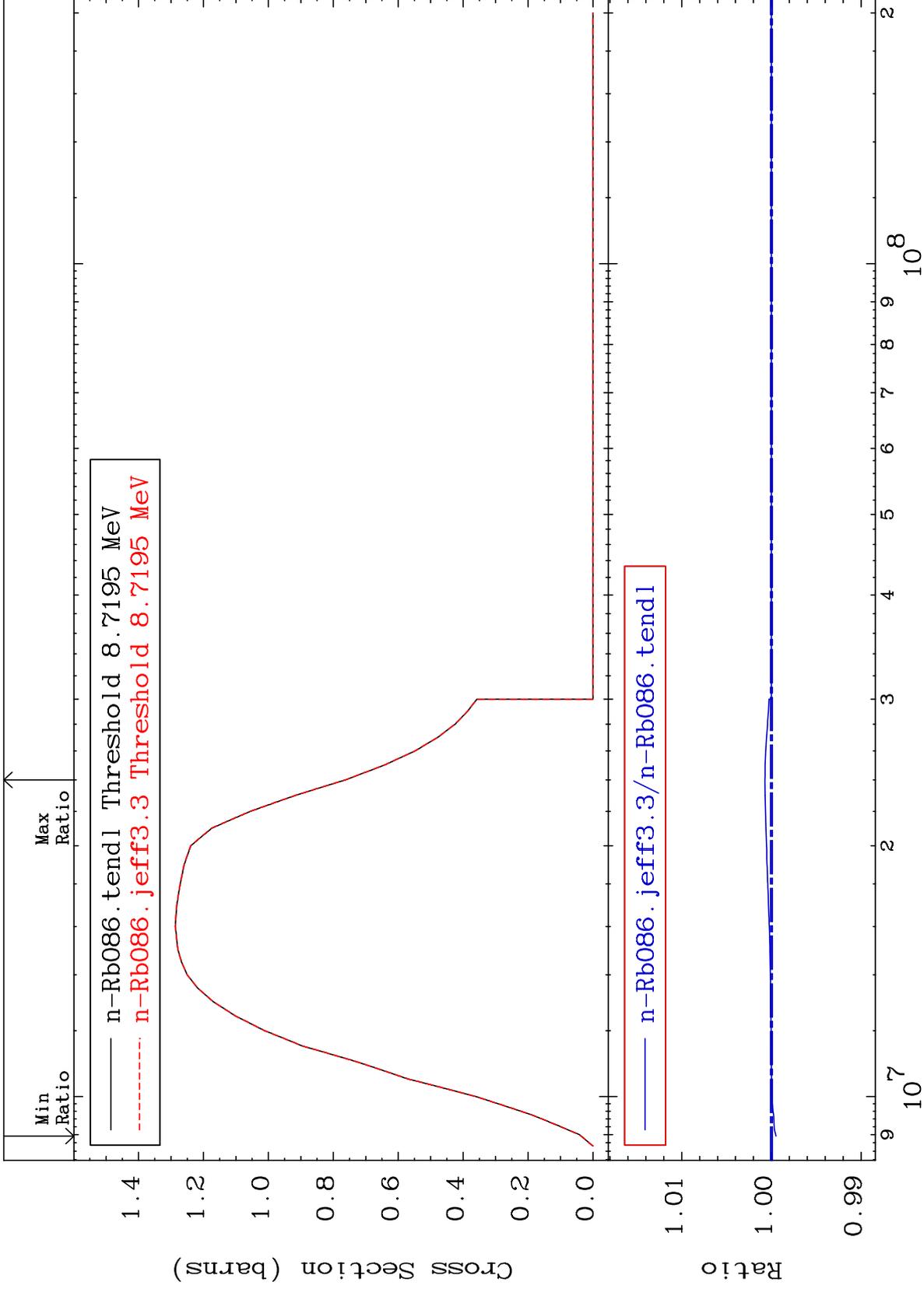
MAT 3728

(n,2n)

37-Rb-86

Cross Section

-0.050 To 0.072 %



Incident Energy (eV)

37-Rb-86

MAT 3728

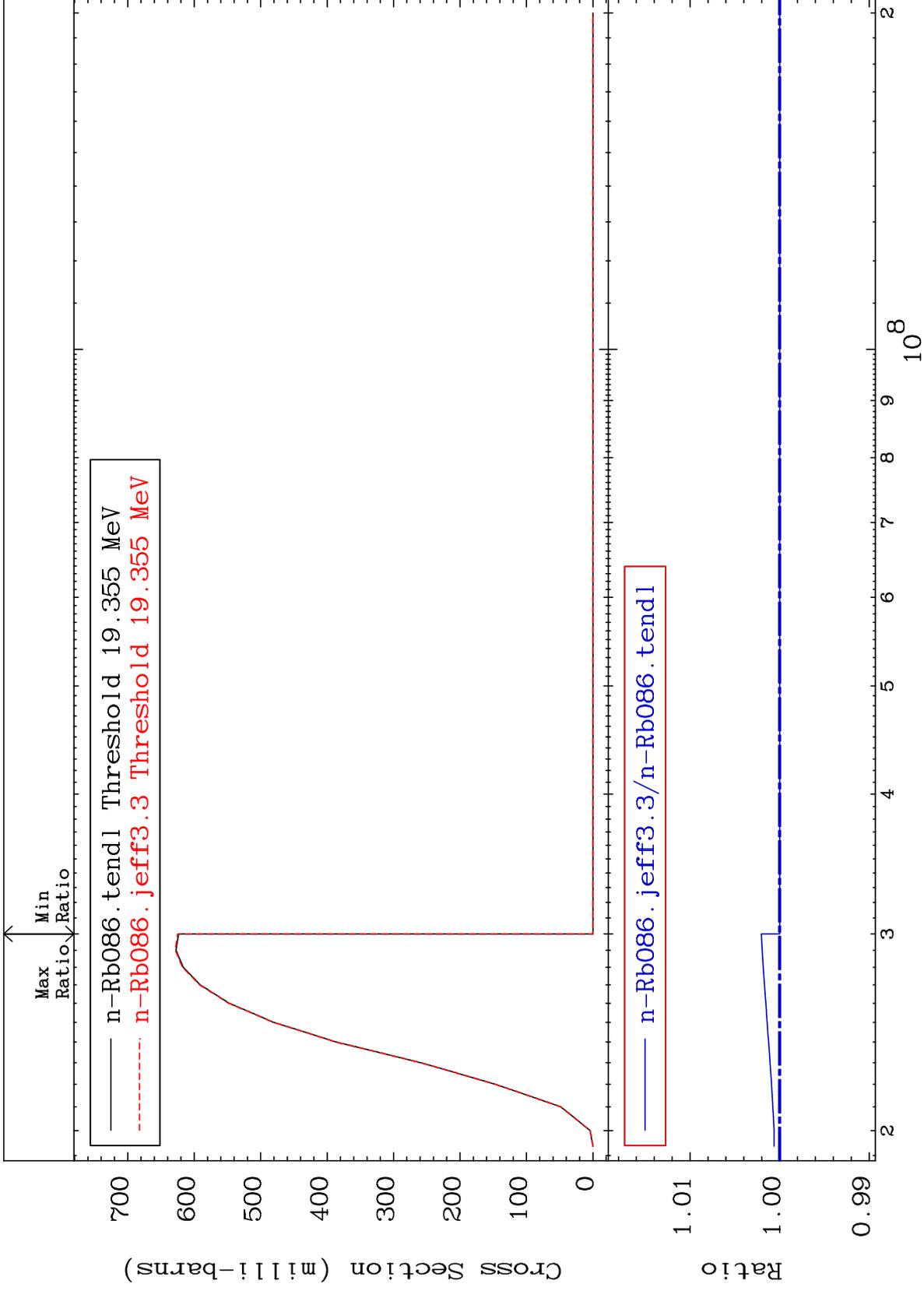
(n,3n)

37-Rb-86

Cross Section

0.000

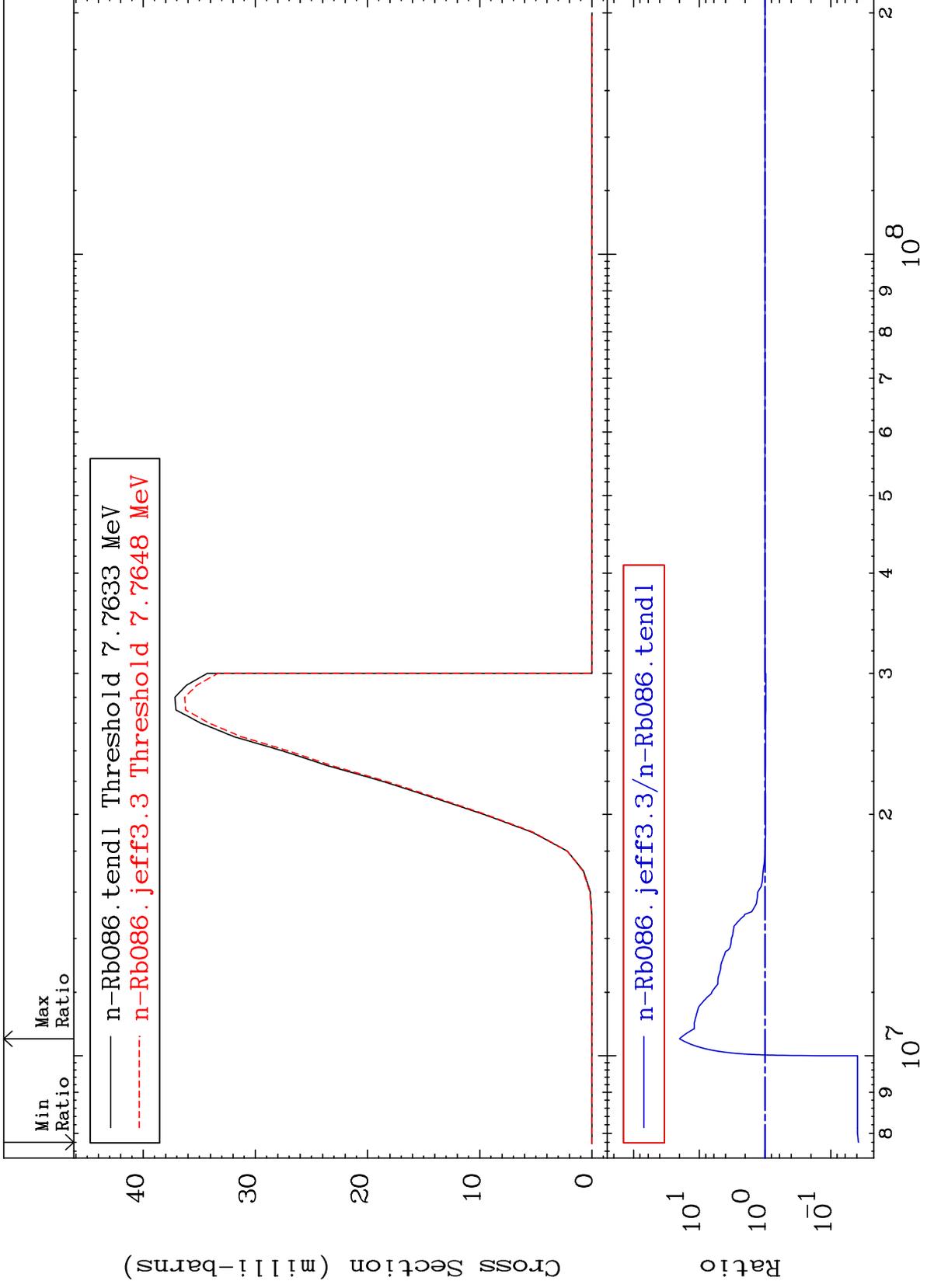
To 0.205 %



MAT 3728

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

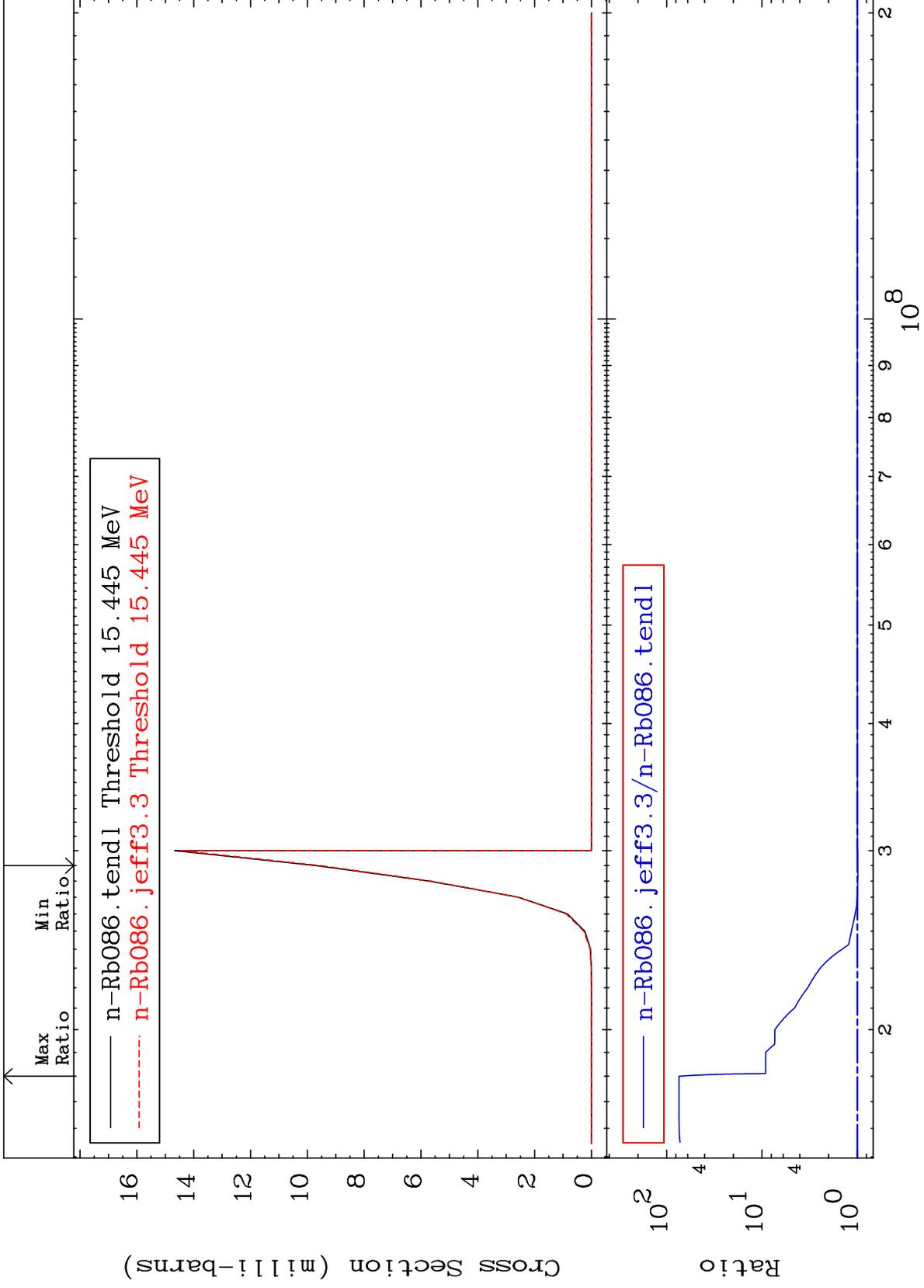
37-Rb-86  
-96.23 To 1900. %



6

Incident Energy (eV)

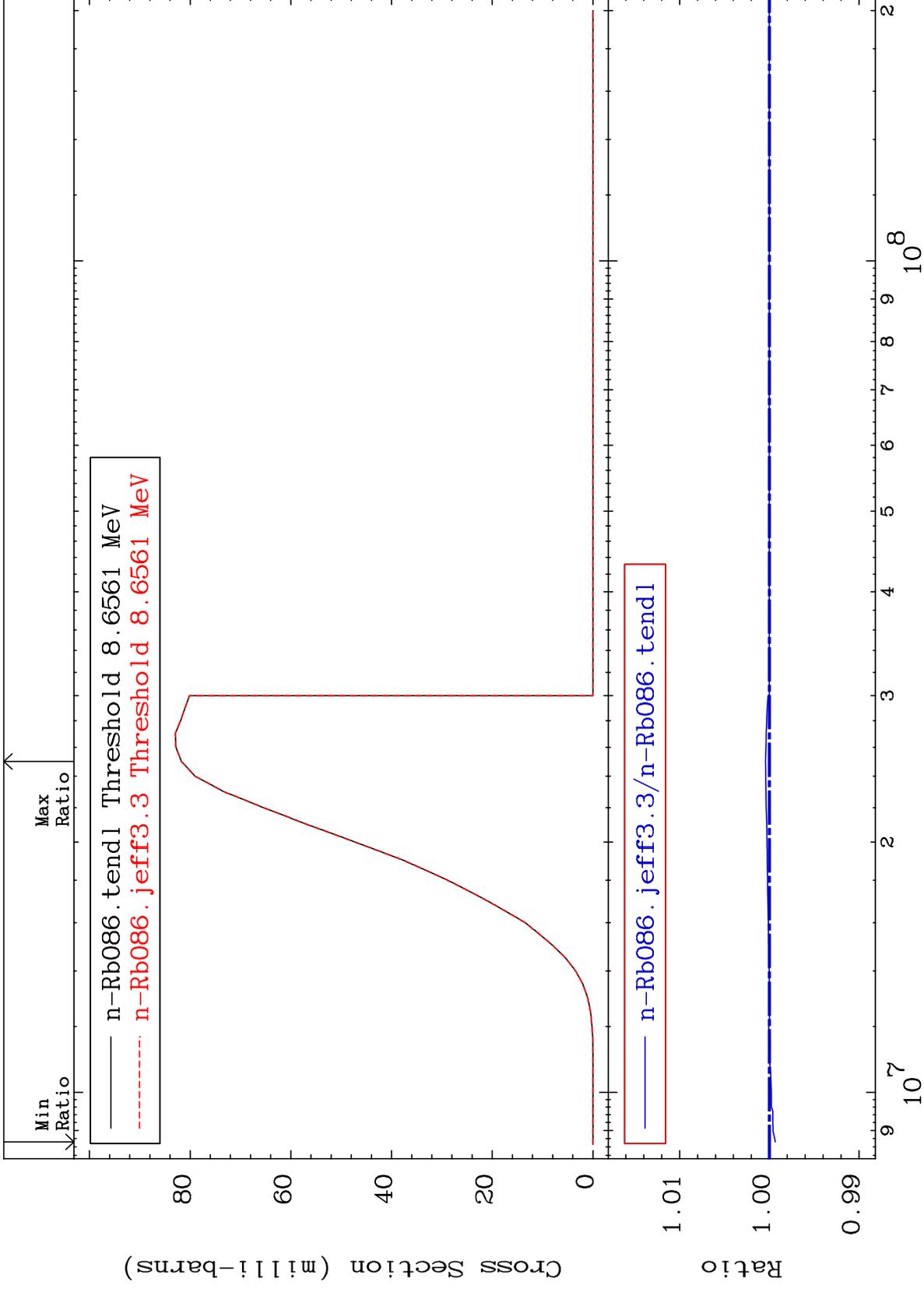
37-Rb-86



MAT 3728

(n,n') p  
Cross Section

<sup>37</sup>Rb-86  
-0.067 To 0.042 %



8

Incident Energy (eV)

<sup>37</sup>Rb-86

MAT 3728

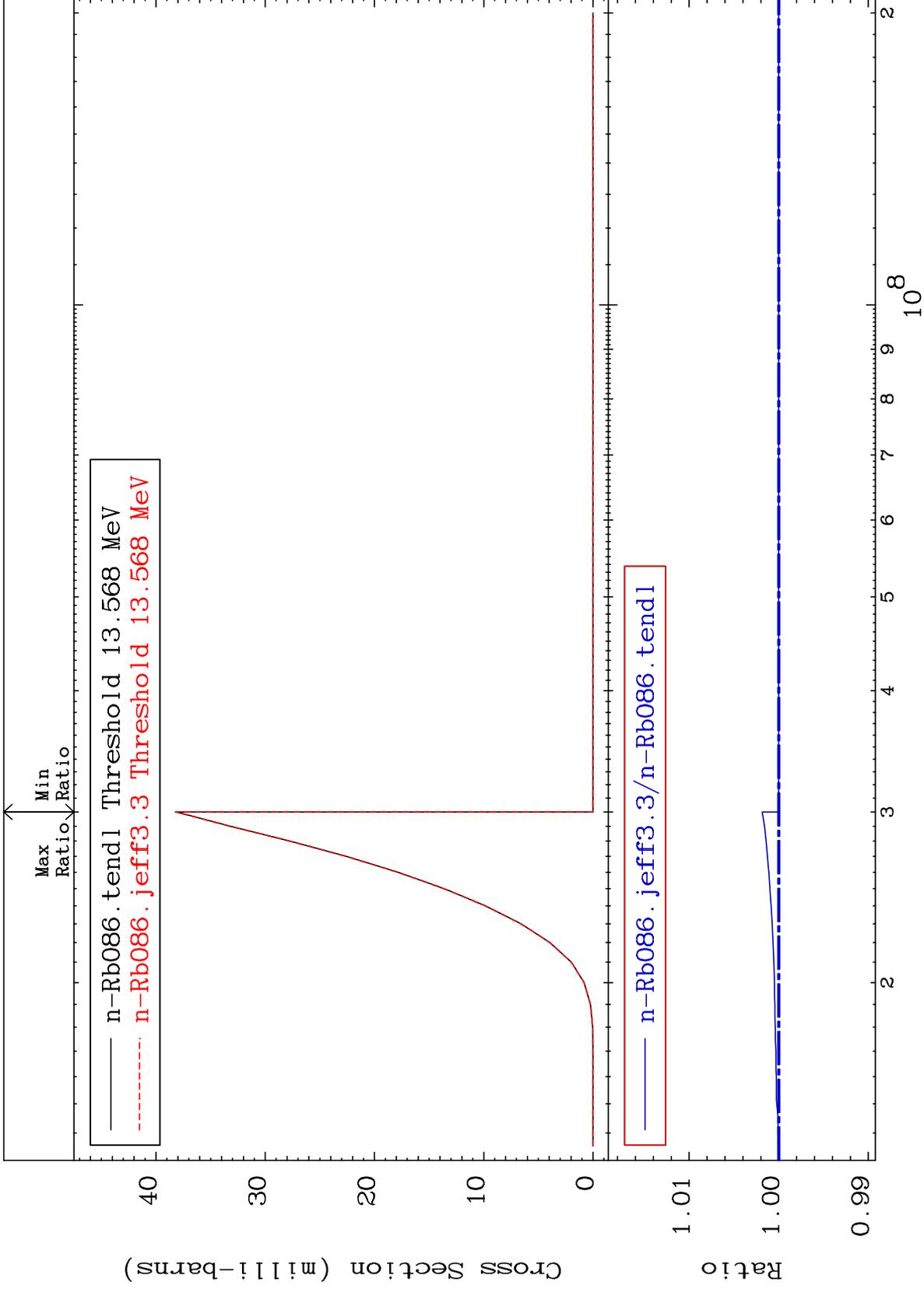
(n, n') d

<sup>37</sup>Rb-86

Cross Section

0.000

To 0.185 %

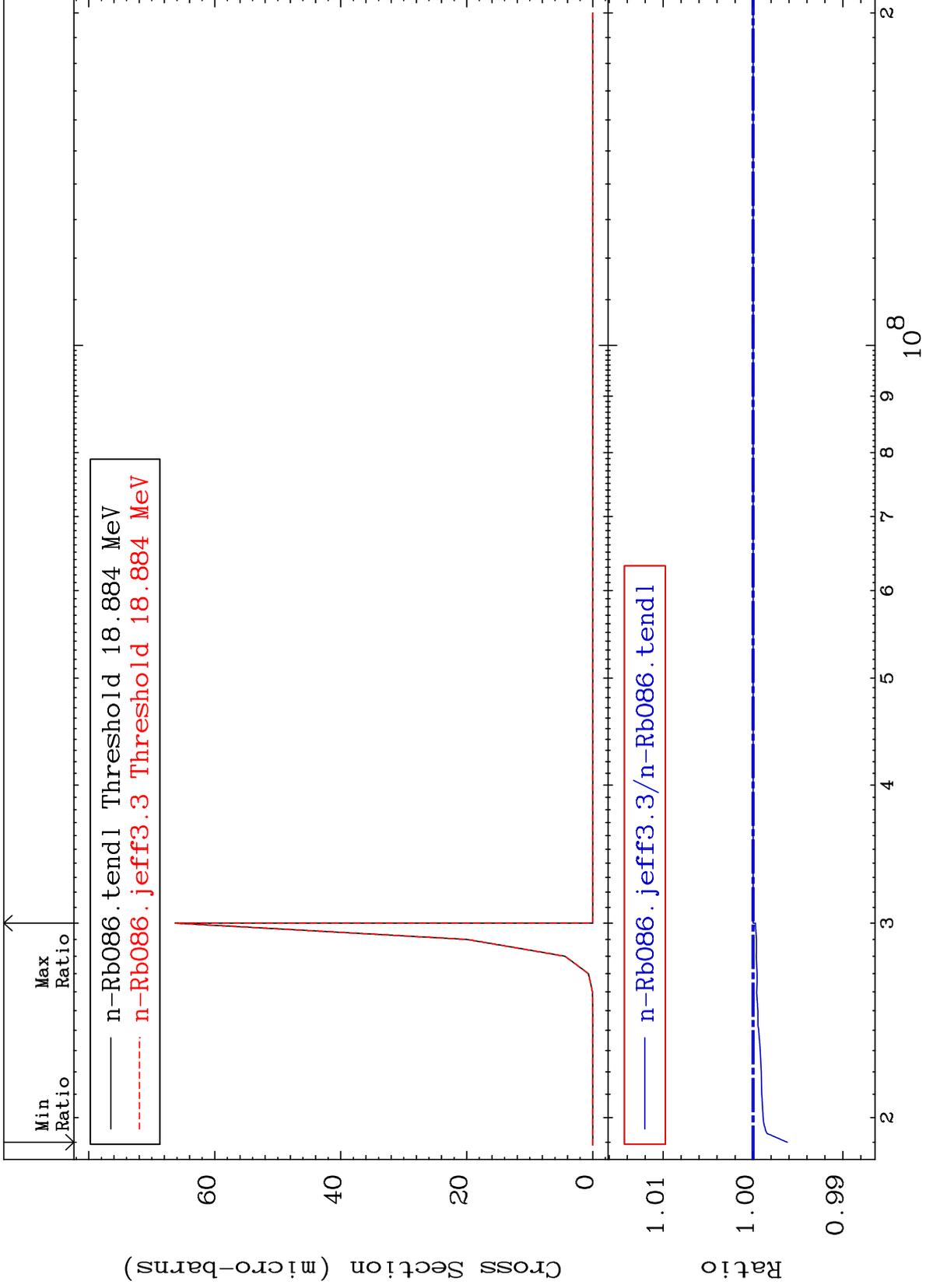




MAT 3728

(n, n') He-3  
Cross Section

37-Rb-86  
-0.381 To 0.000 %



MAT 3728

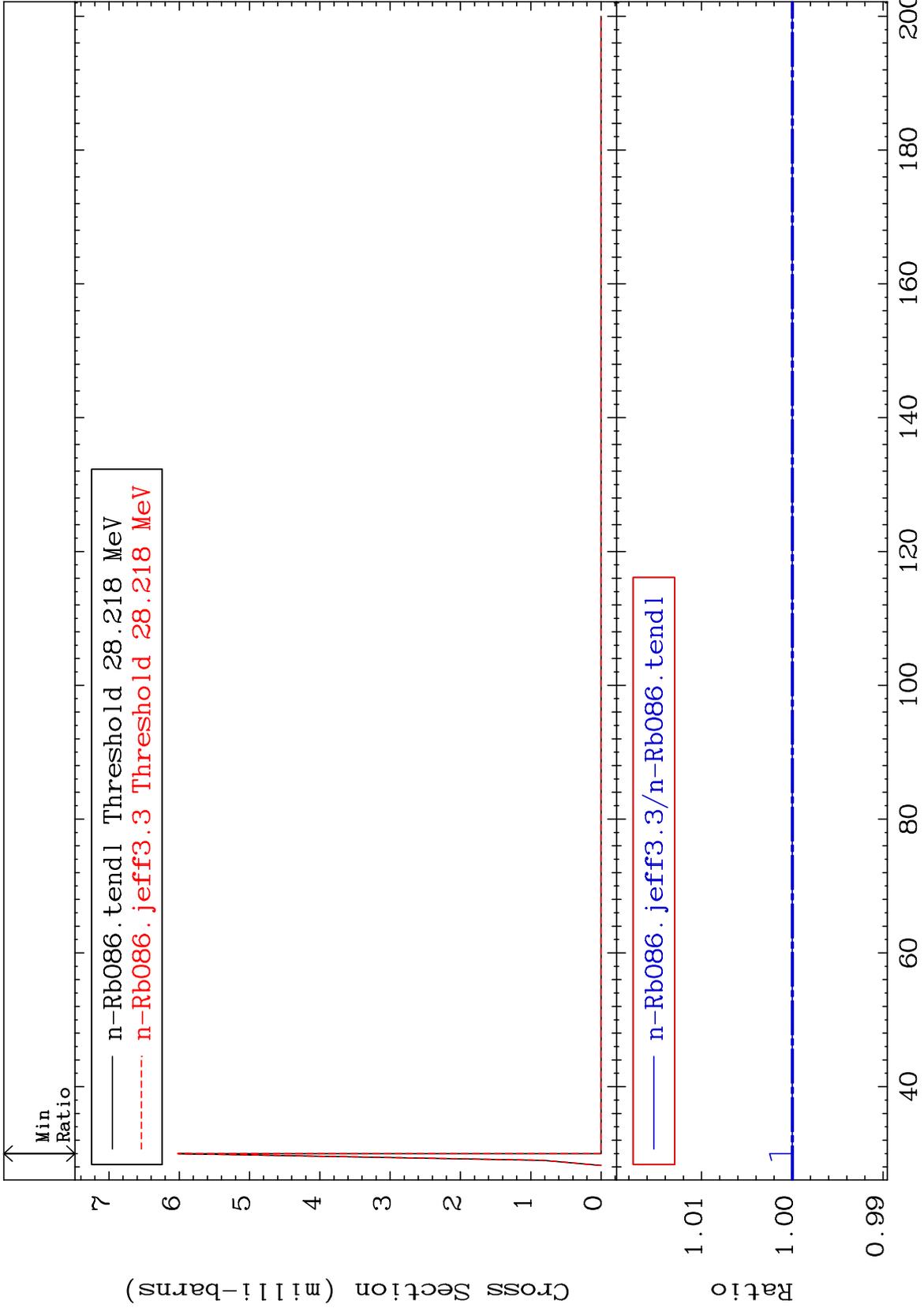
(n,4n)

<sup>37</sup>Rb-86

Cross Section

0.000

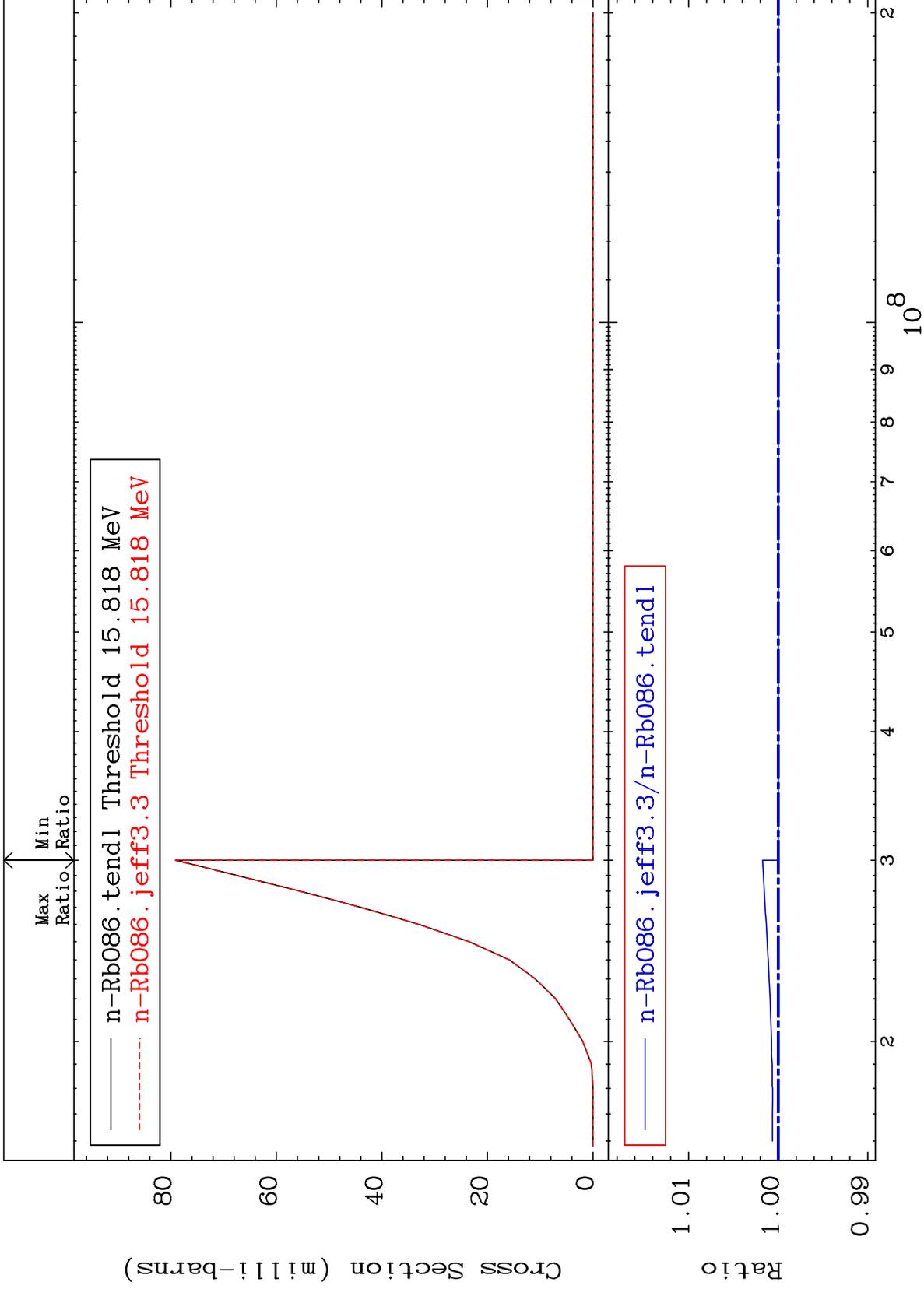
To 0.250 %



MAT 3728

(n,2n) p  
Cross Section

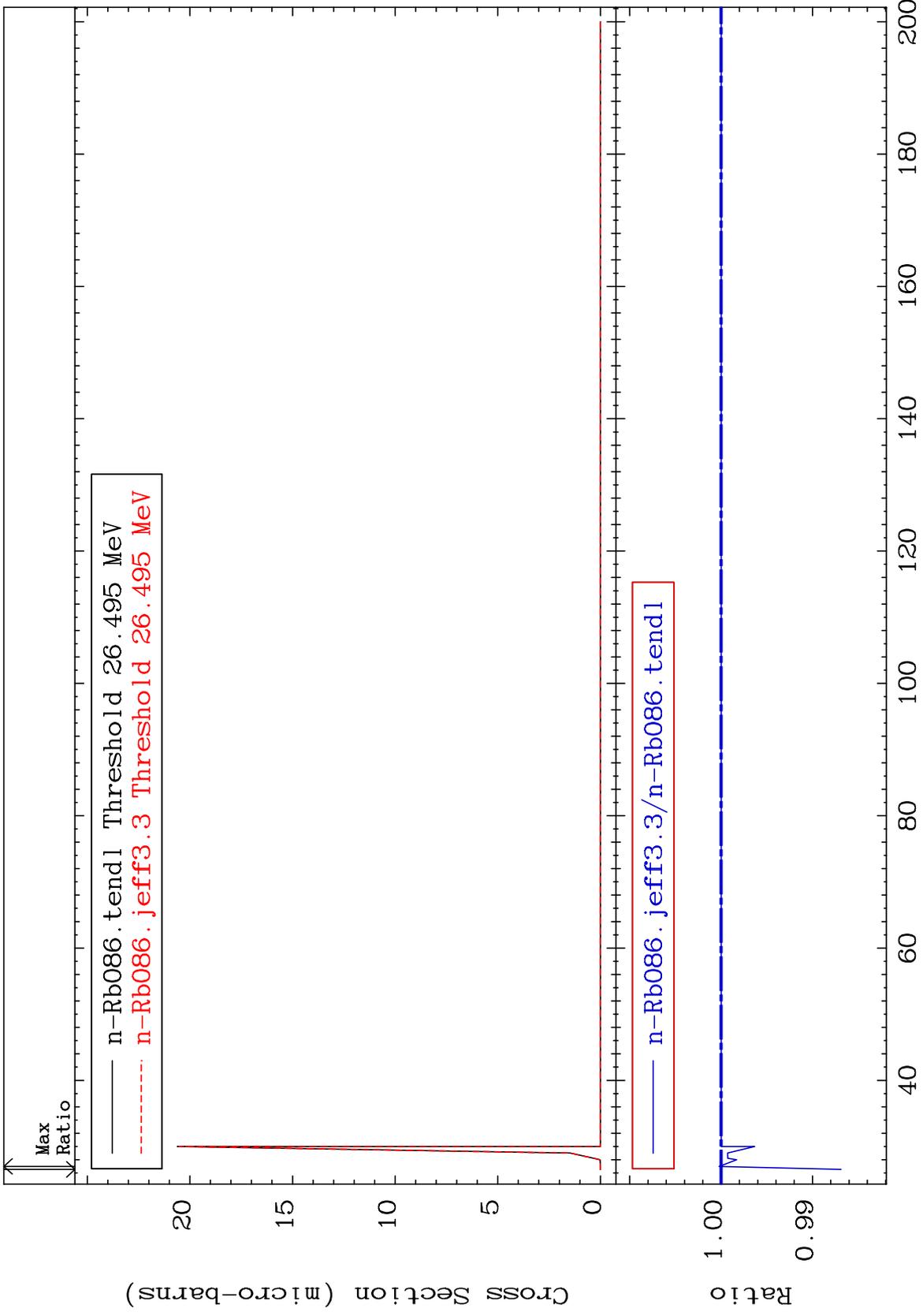
37-Rb-86  
0.000 To 0.174 %



MAT 3728

(n,3n) p  
Cross Section

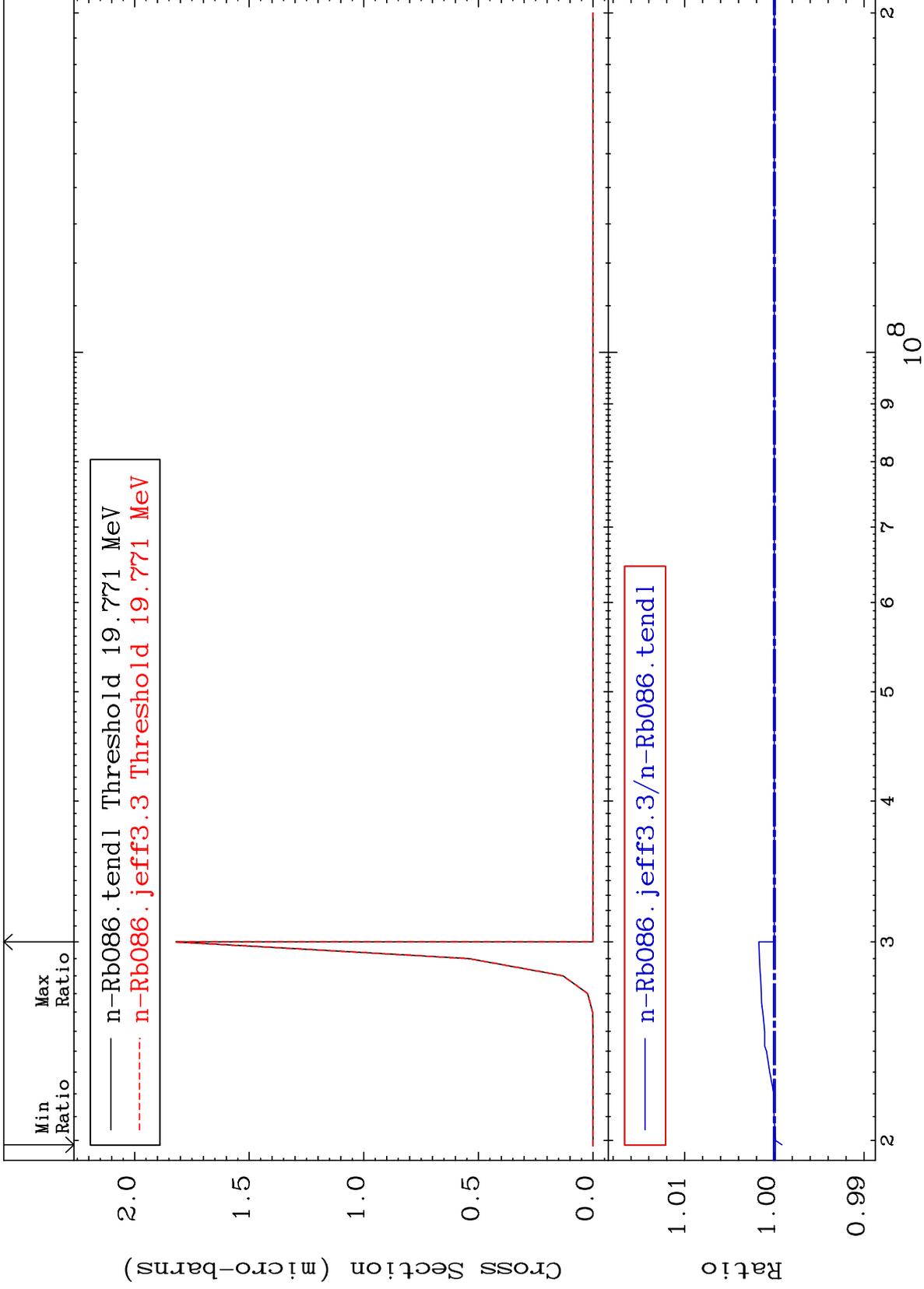
<sup>37</sup>Rb-86  
-1.312 To 0.021 %



MAT 3728

(n,2n) p  
Cross Section

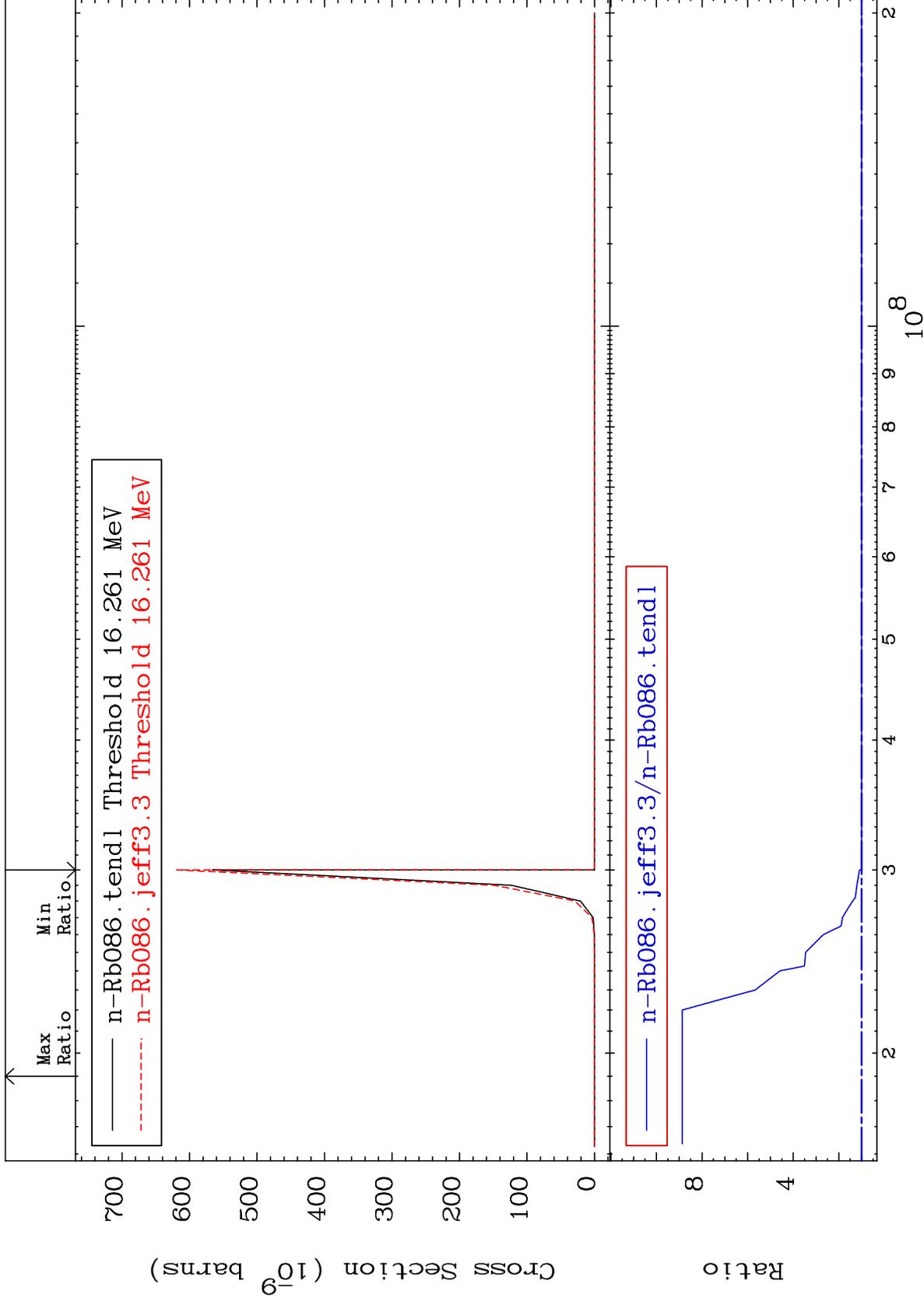
<sup>37</sup>Rb-86  
-0.086 To 0.174 %



MAT 3728

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

$^{37}\text{Rb-86}$   
0.000 To 786.3 %



16

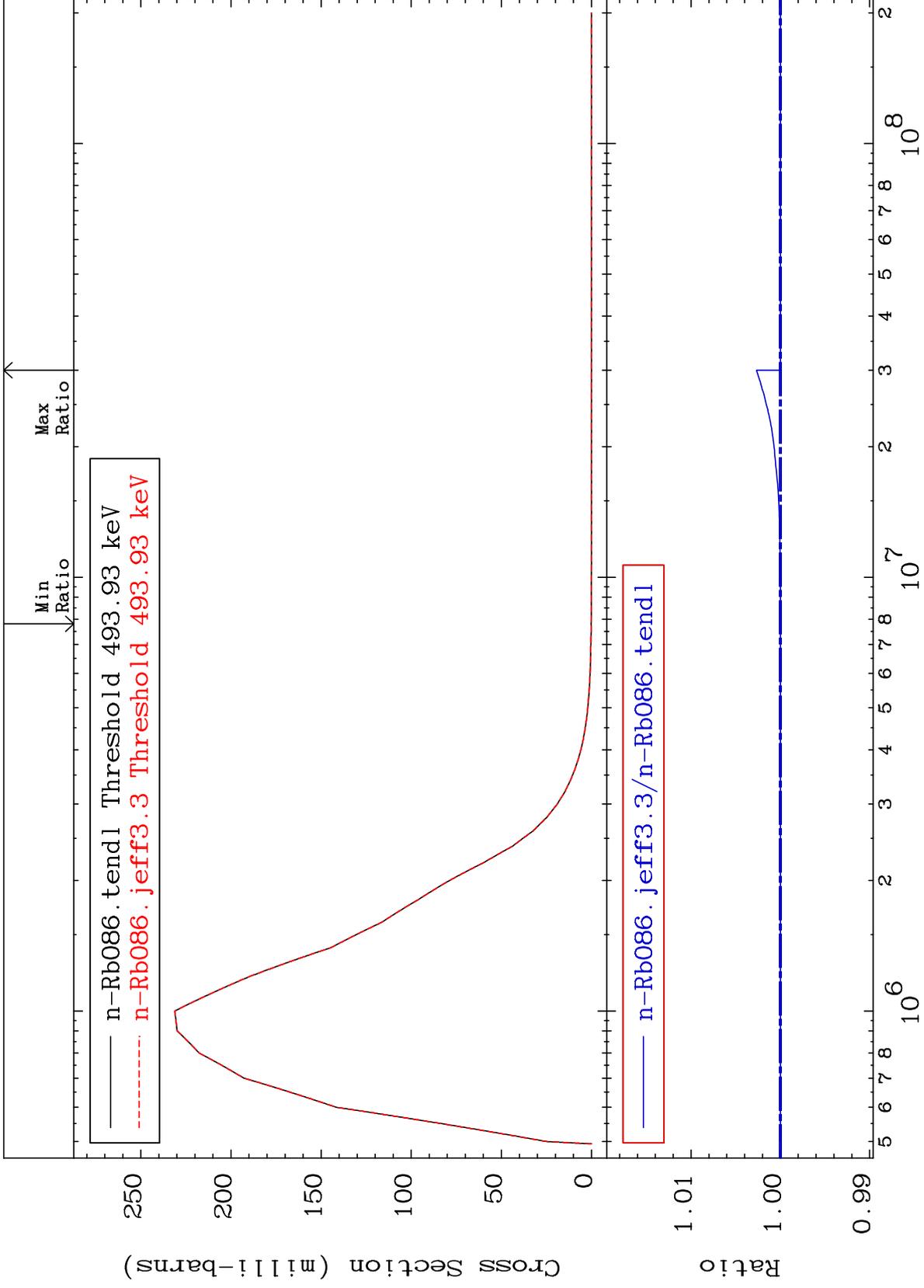
Incident Energy (eV)

$^{37}\text{Rb-86}$

MAT 3728

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

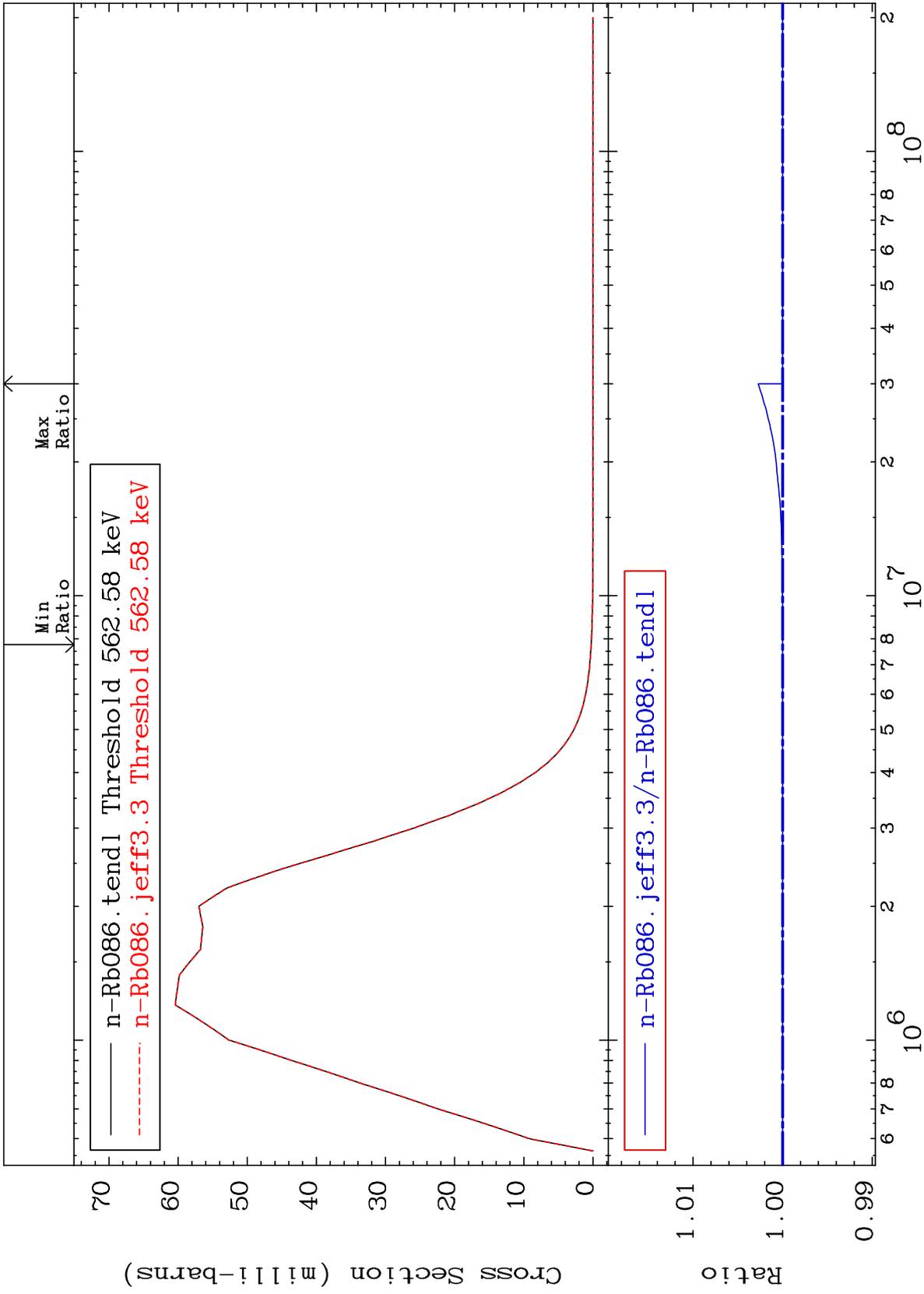
37-Rb-86  
-0.001 To 0.267 %



MAT 3728

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

37-Rb-86  
0.000 To 0.273 %



18

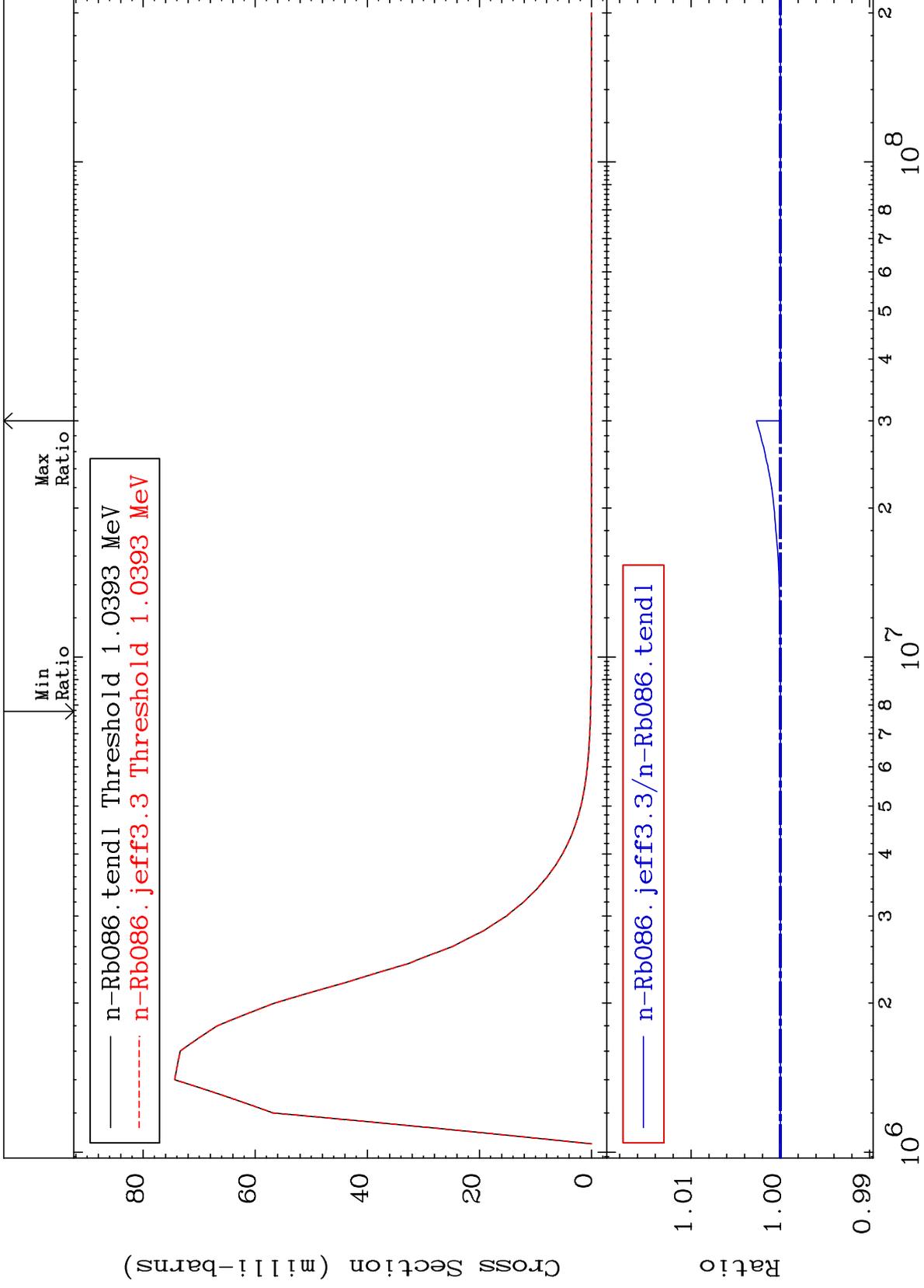
Incident Energy (eV)

37-Rb-86

MAT 3728

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

37-Rb-86  
-0.001 To 0.267 %



19

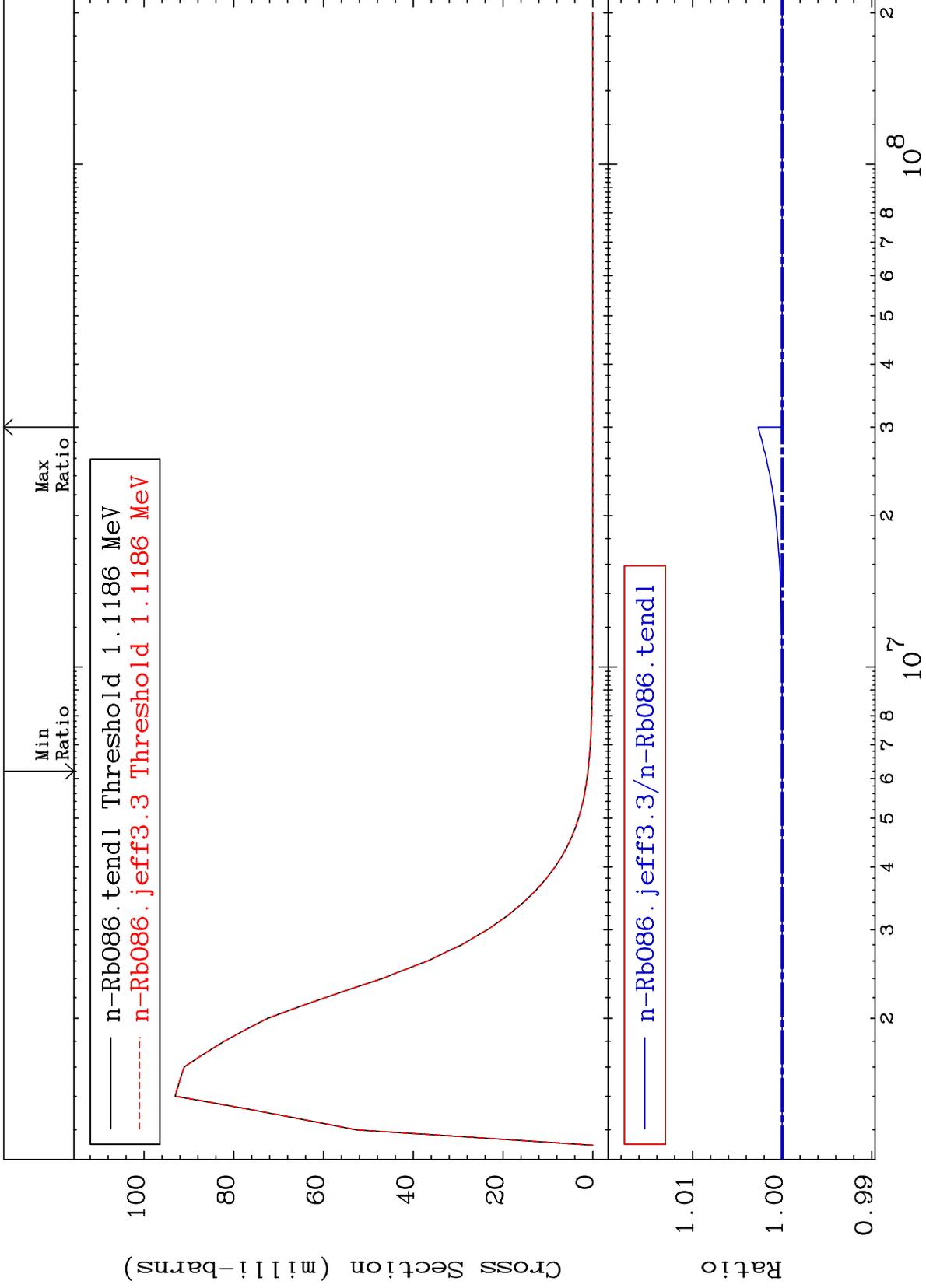
Incident Energy (eV)

37-Rb-86

MAT 3728

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

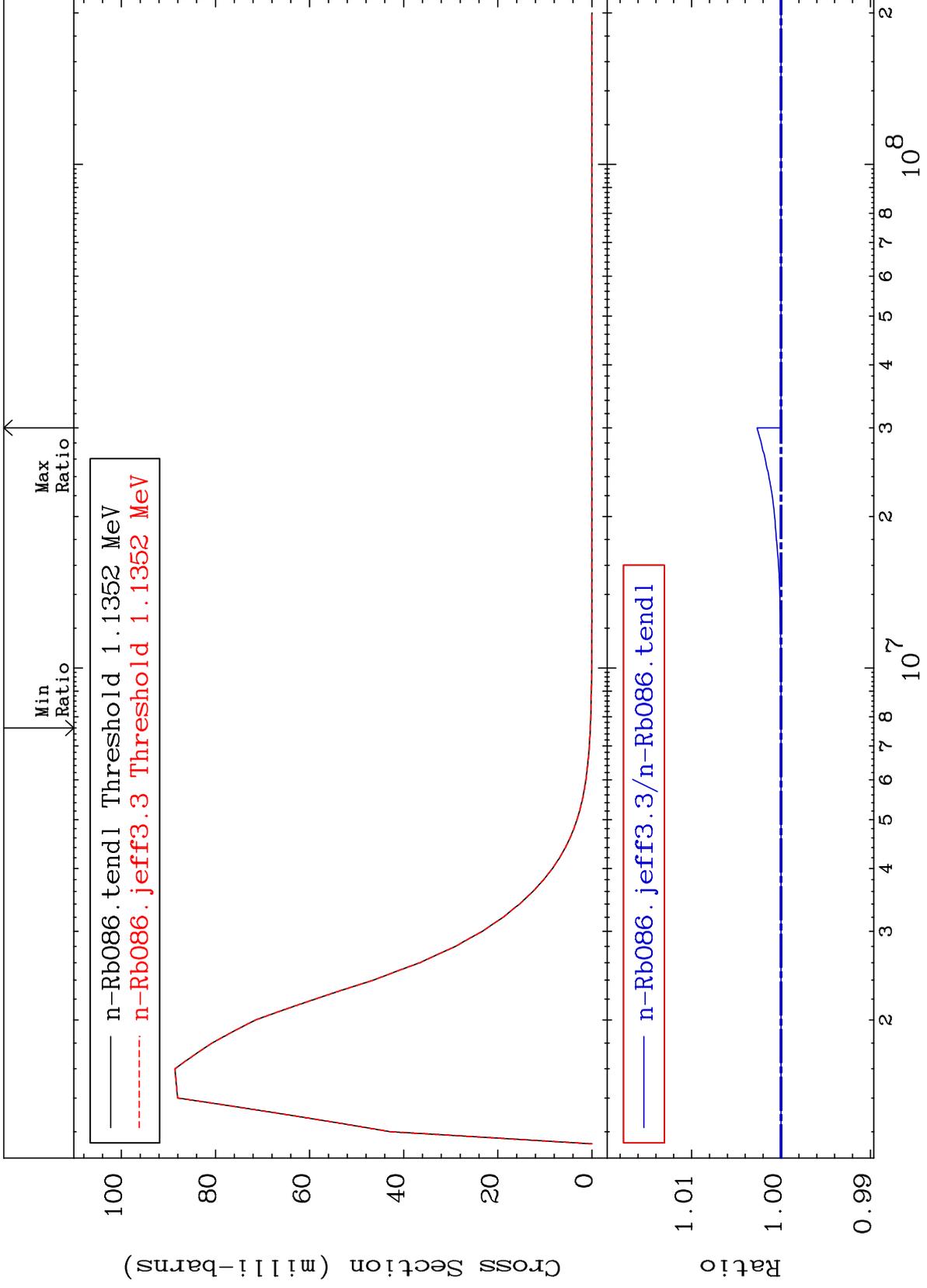
37-Rb-86  
0.000 To 0.269 %



MAT 3728

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

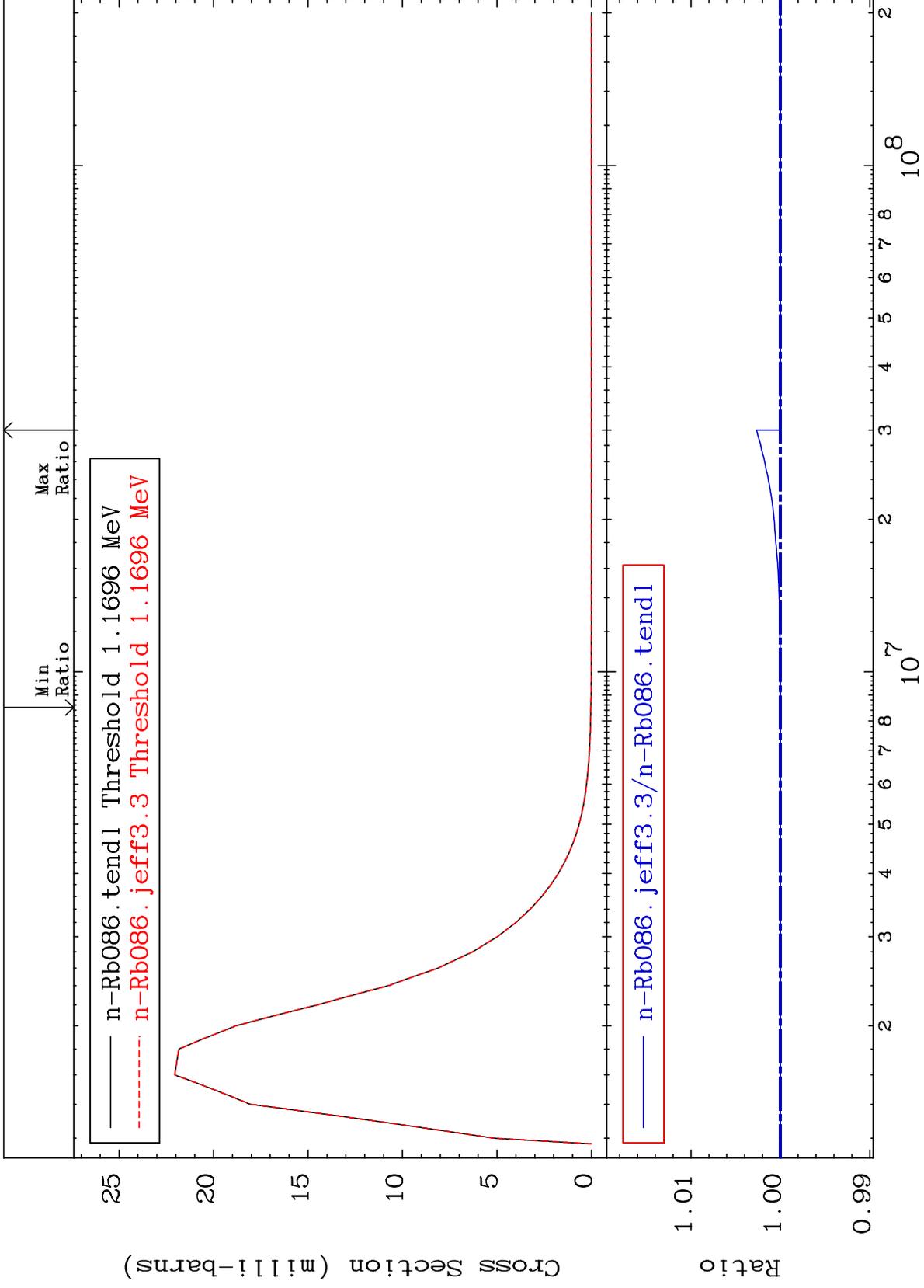
37-Rb-86  
To 0.269 %



MAT 3728

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

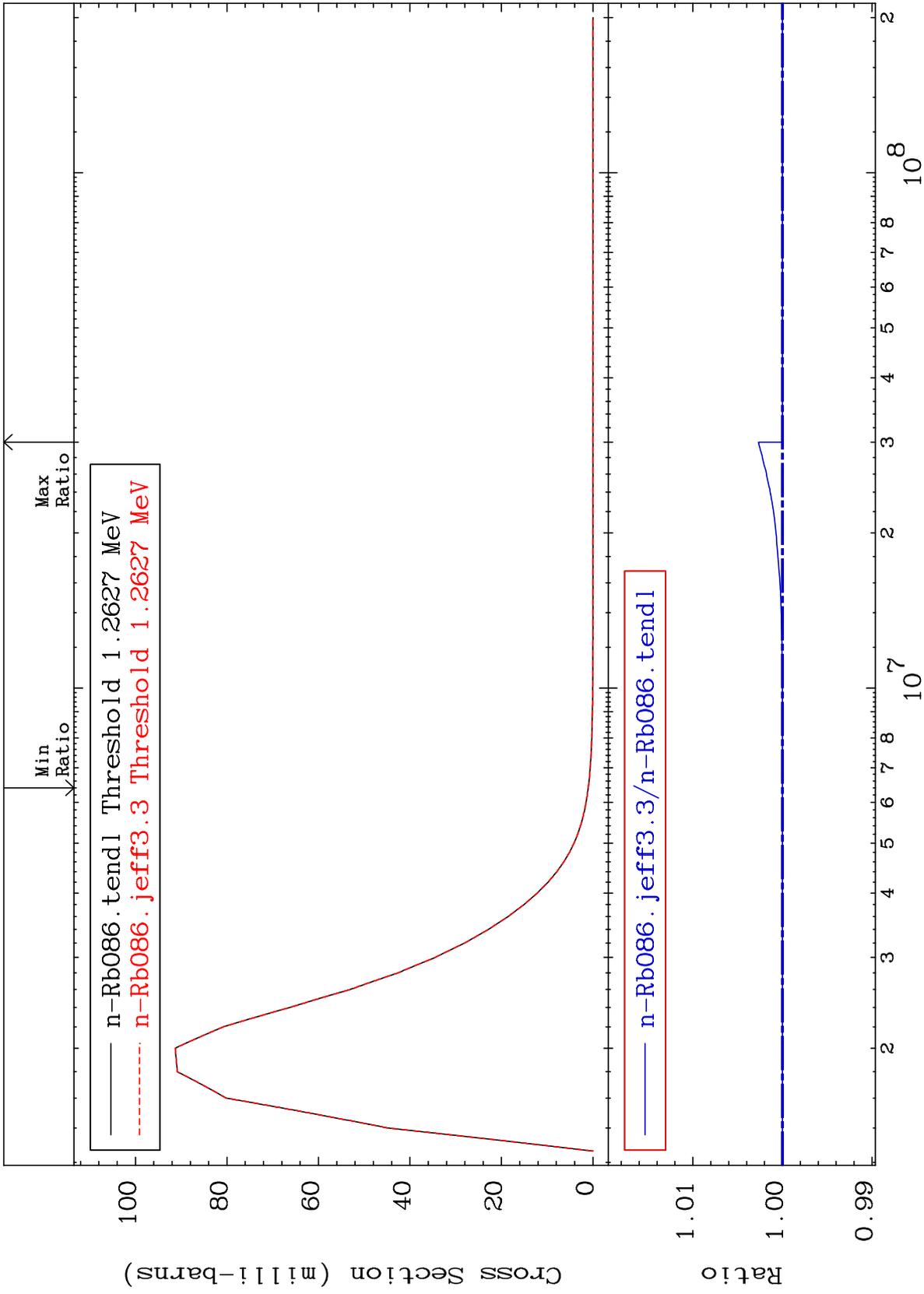
37-Rb-86  
To 0.267 %



MAT 3728

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

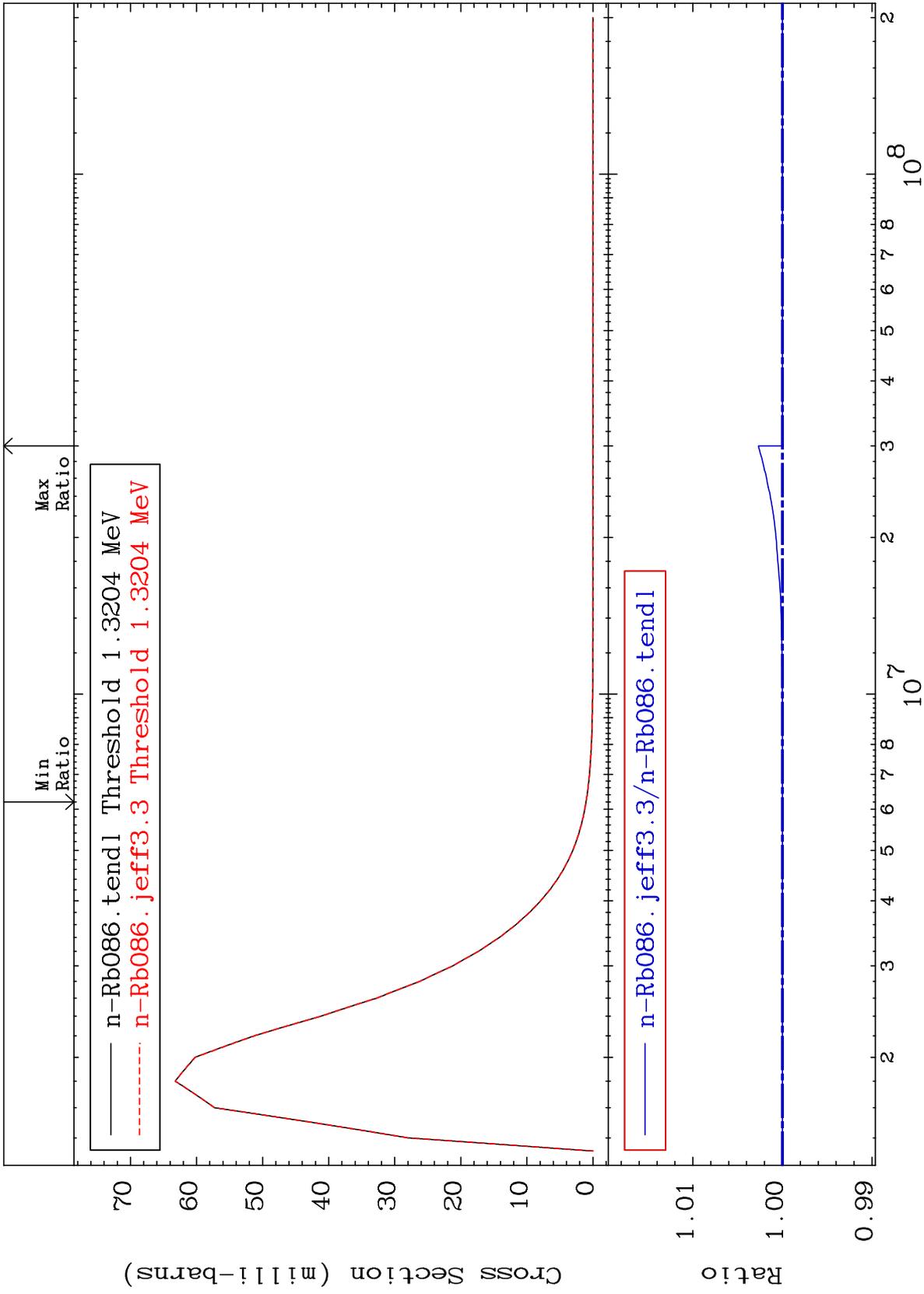
37-Rb-86  
0.000 To 0.269 %

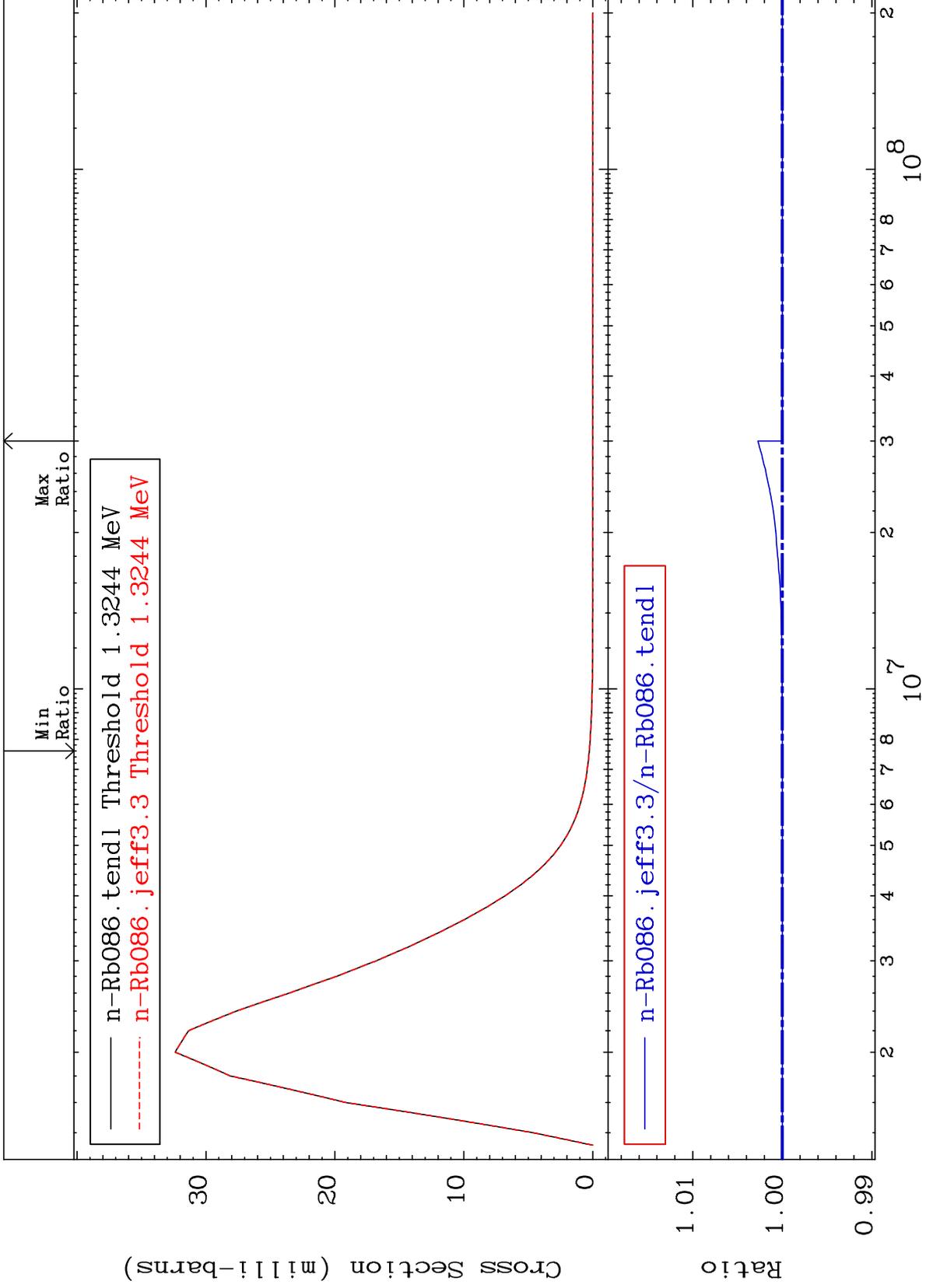


MAT 3728

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

37-Rb-86  
0.000 To 0.269 %

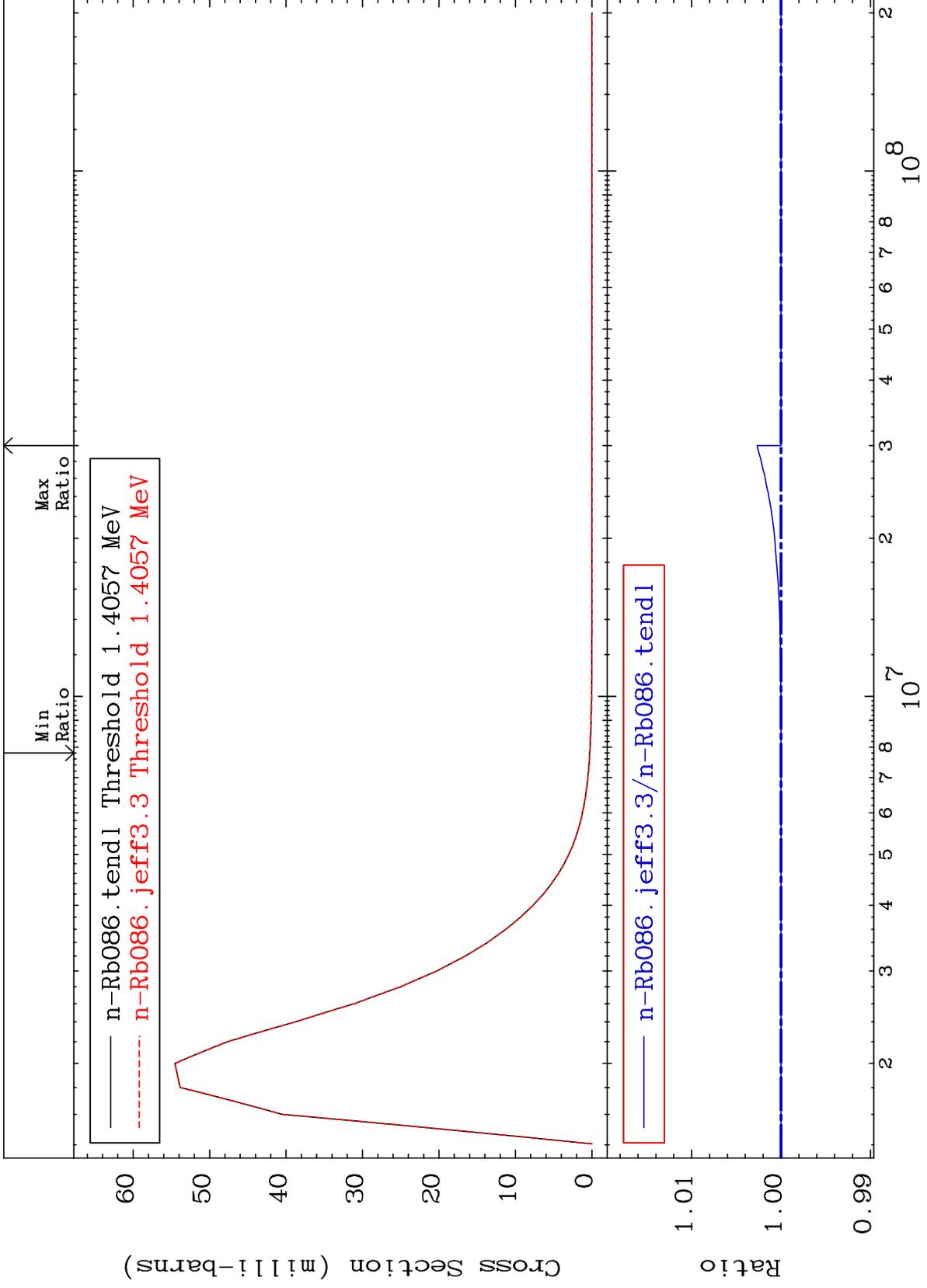




MAT 3728

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

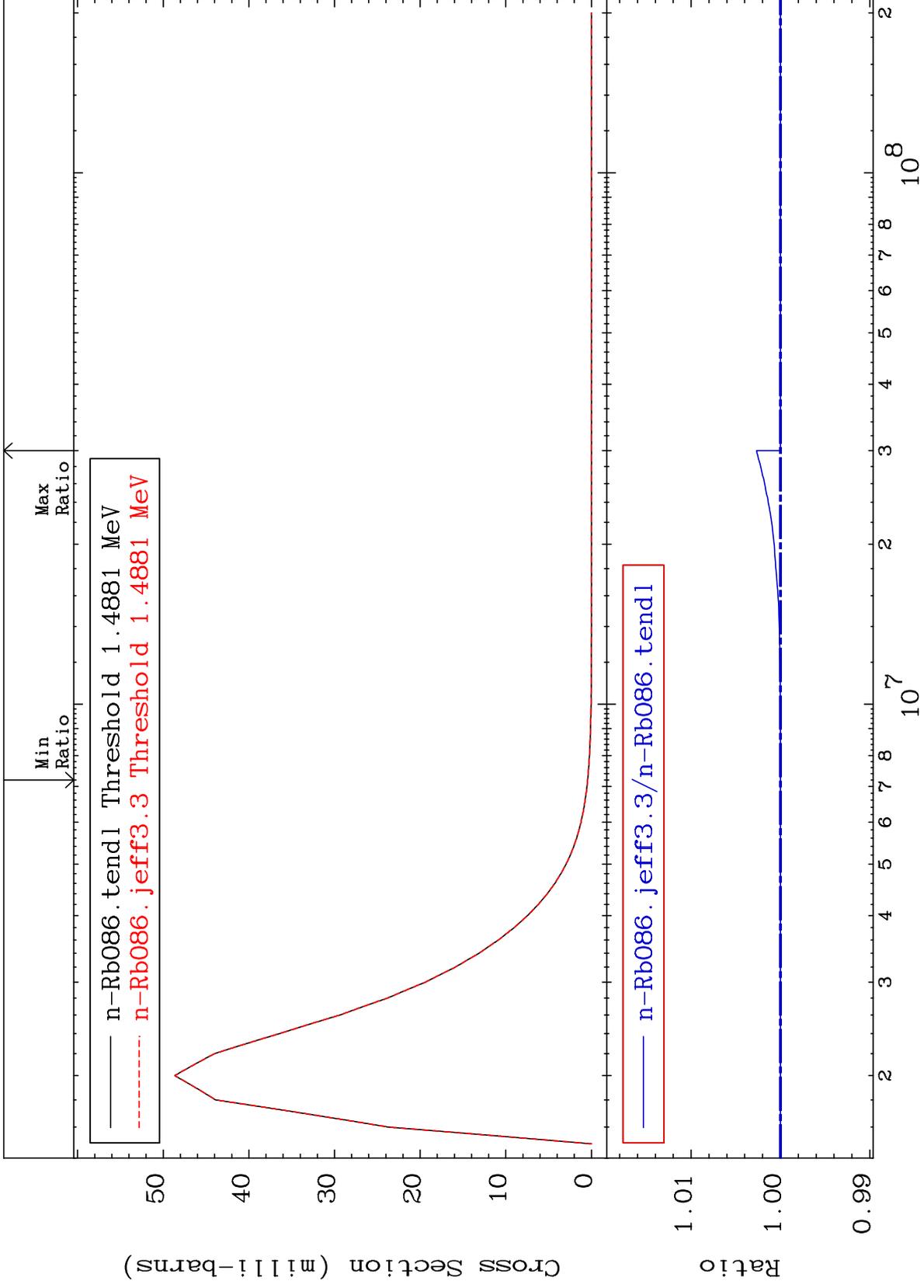
37-Rb-86  
-0.001 To 0.269 %



MAT 3728

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

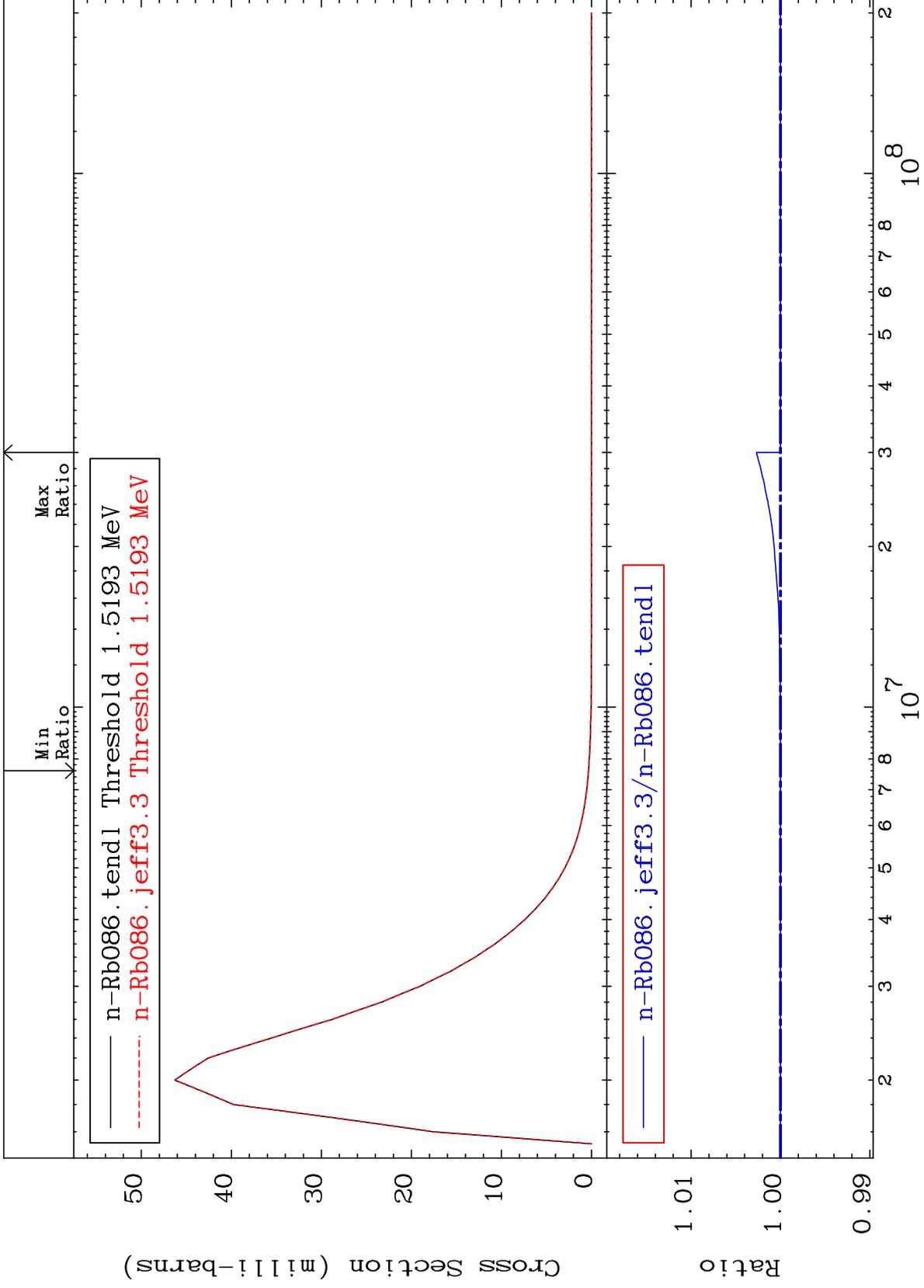
37-Rb-86  
0.000 To 0.269 %

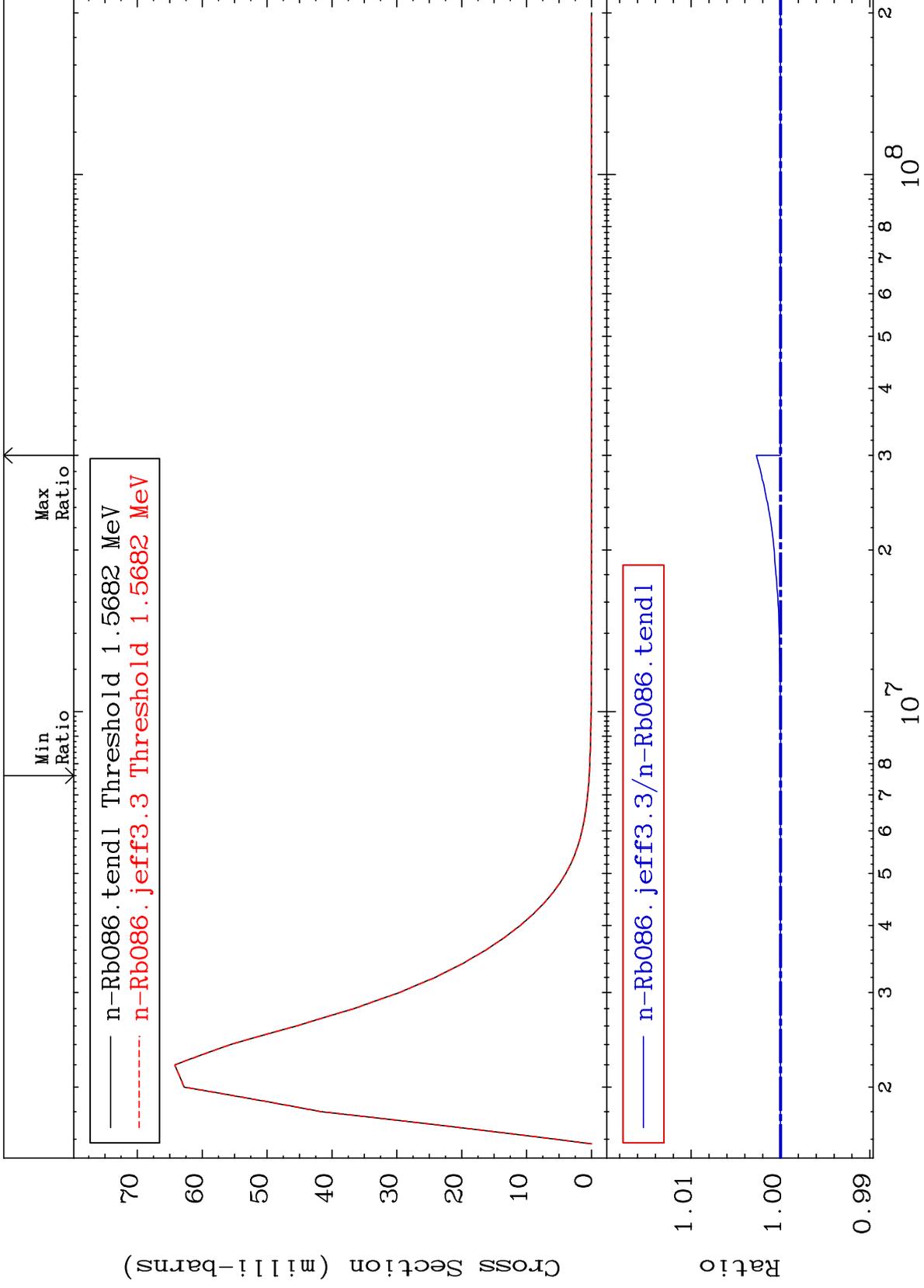


MAT 3728

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

37-Rb-86  
0.000 To 0.268 %

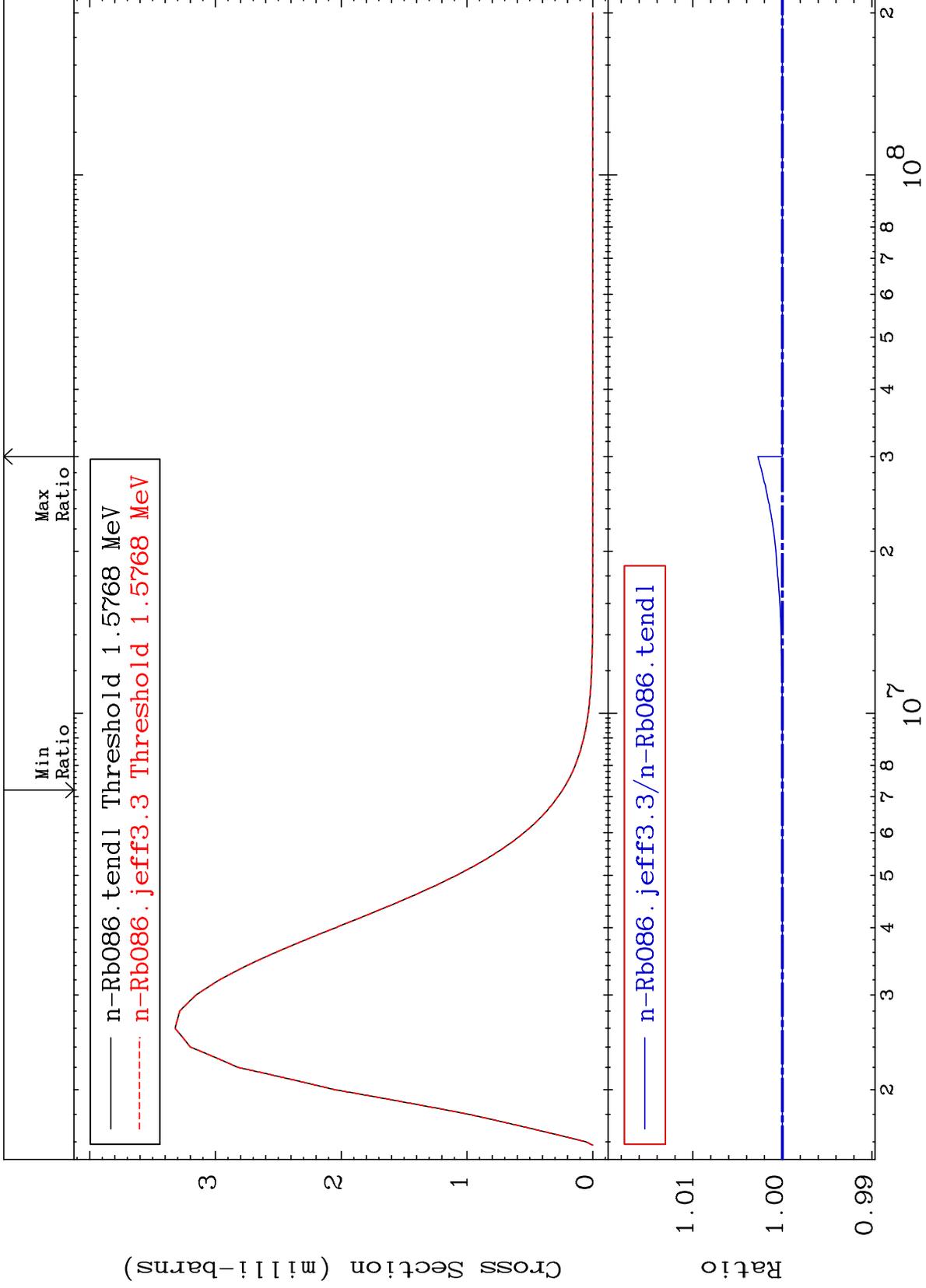




MAT 3728

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

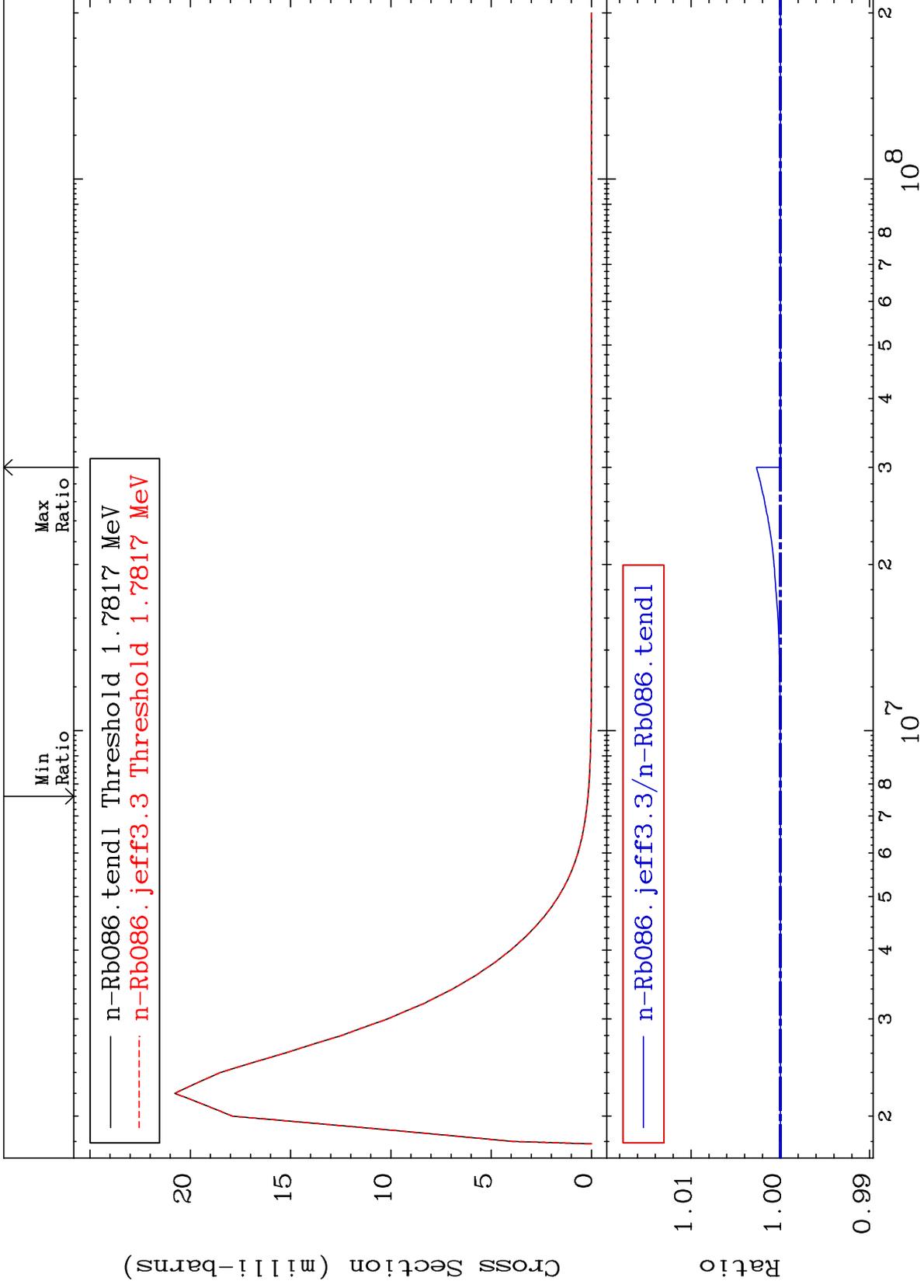
37-Rb-86  
0.000 To 0.274 %



MAT 3728

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

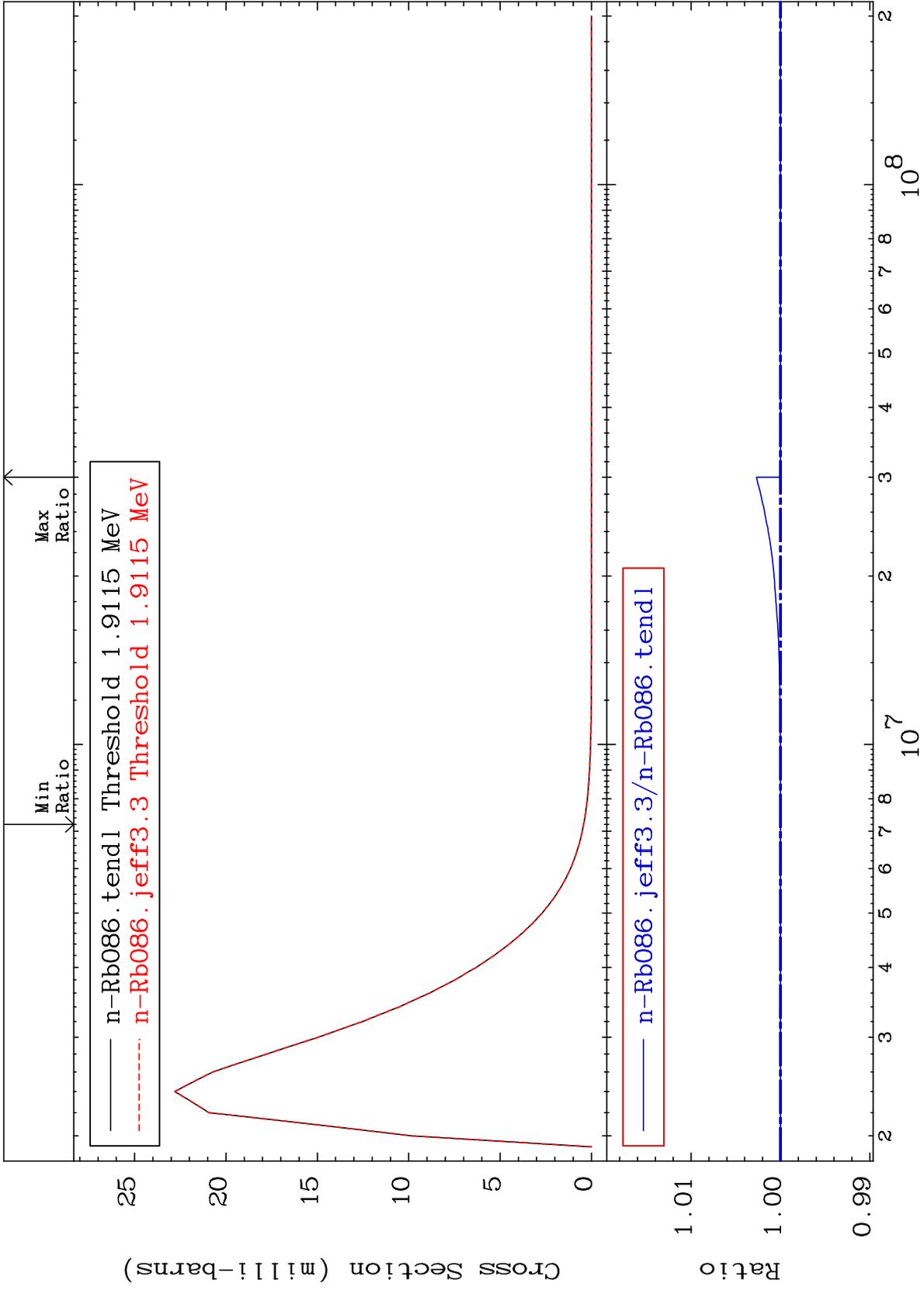
37-Rb-86  
-0.001 To 0.267 %



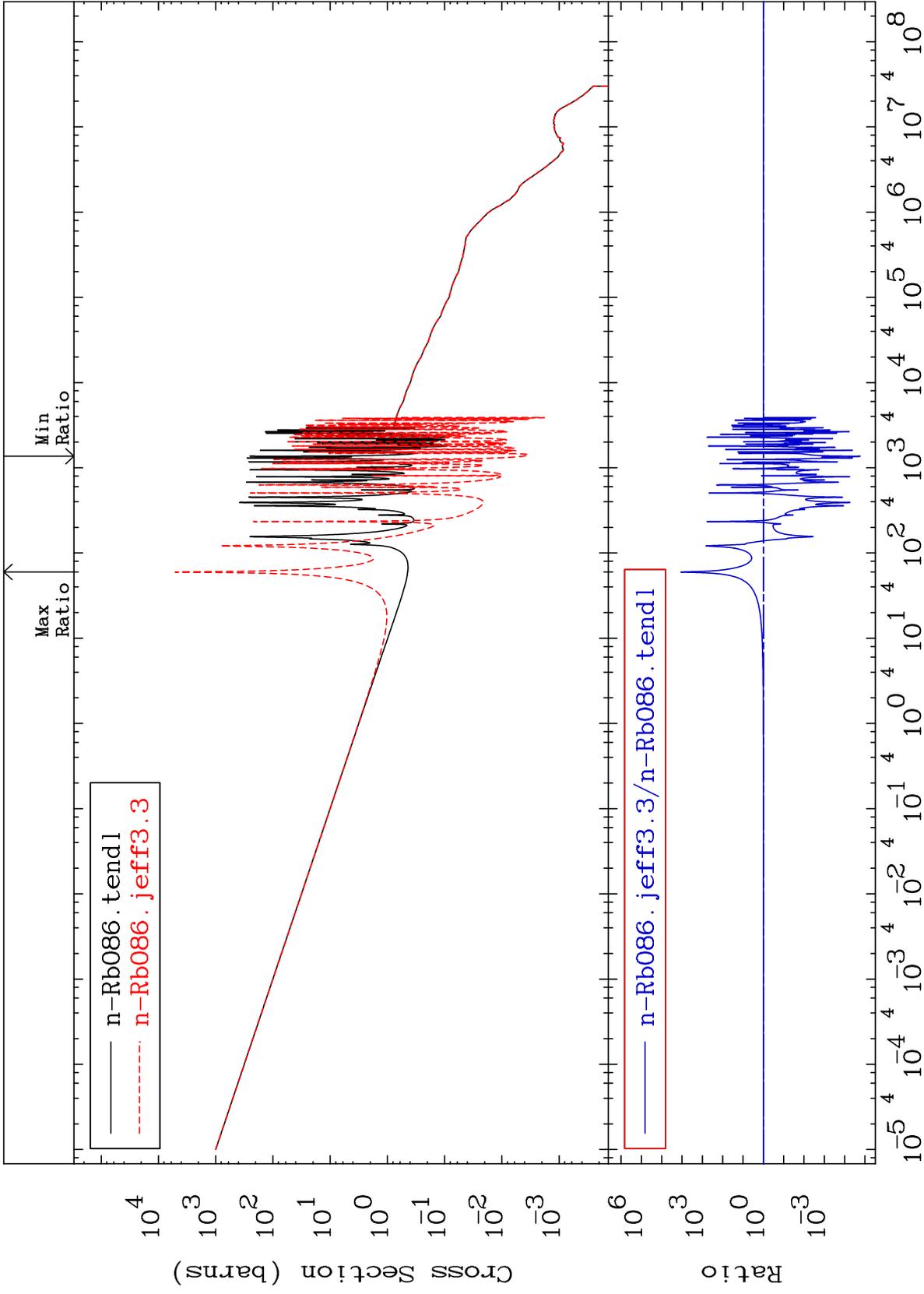
MAT 3728

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

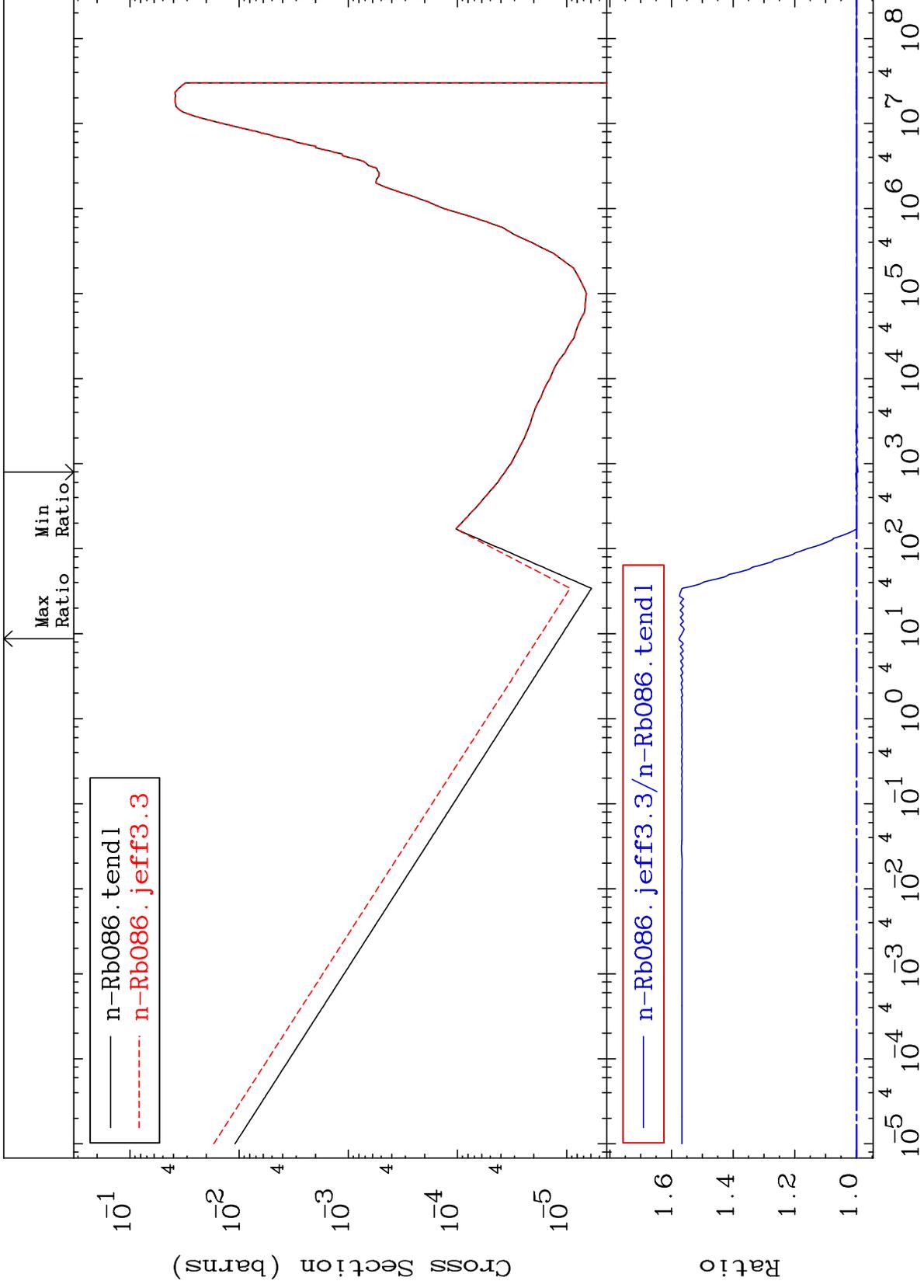
37-Rb-86  
0.000 To 0.268 %



(n,  $\gamma$ )  
Cross Section  
-100.0 To 9999. %

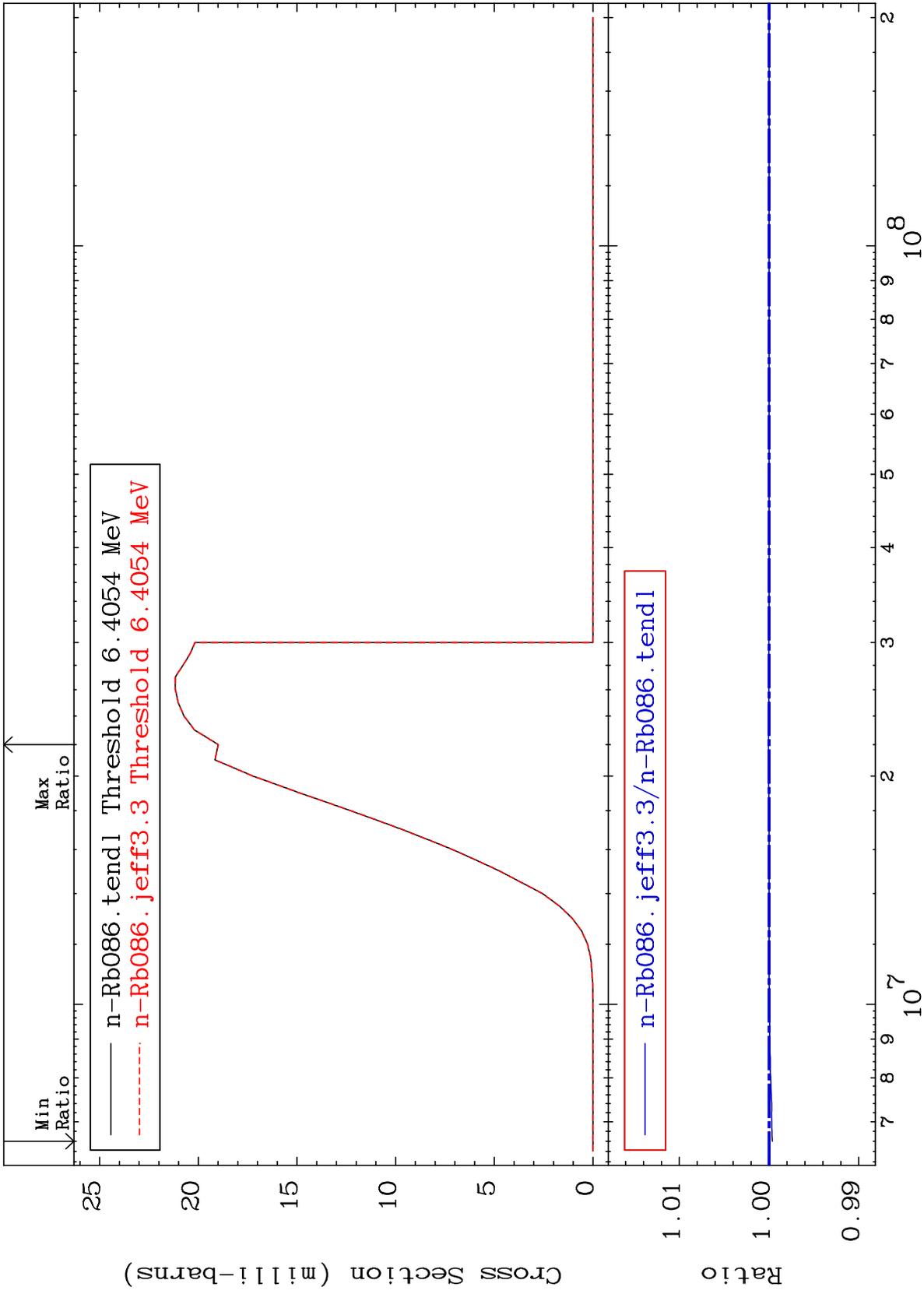


(n,p)  
Cross Section  
-0.442 To 57.54 %



Cross Section

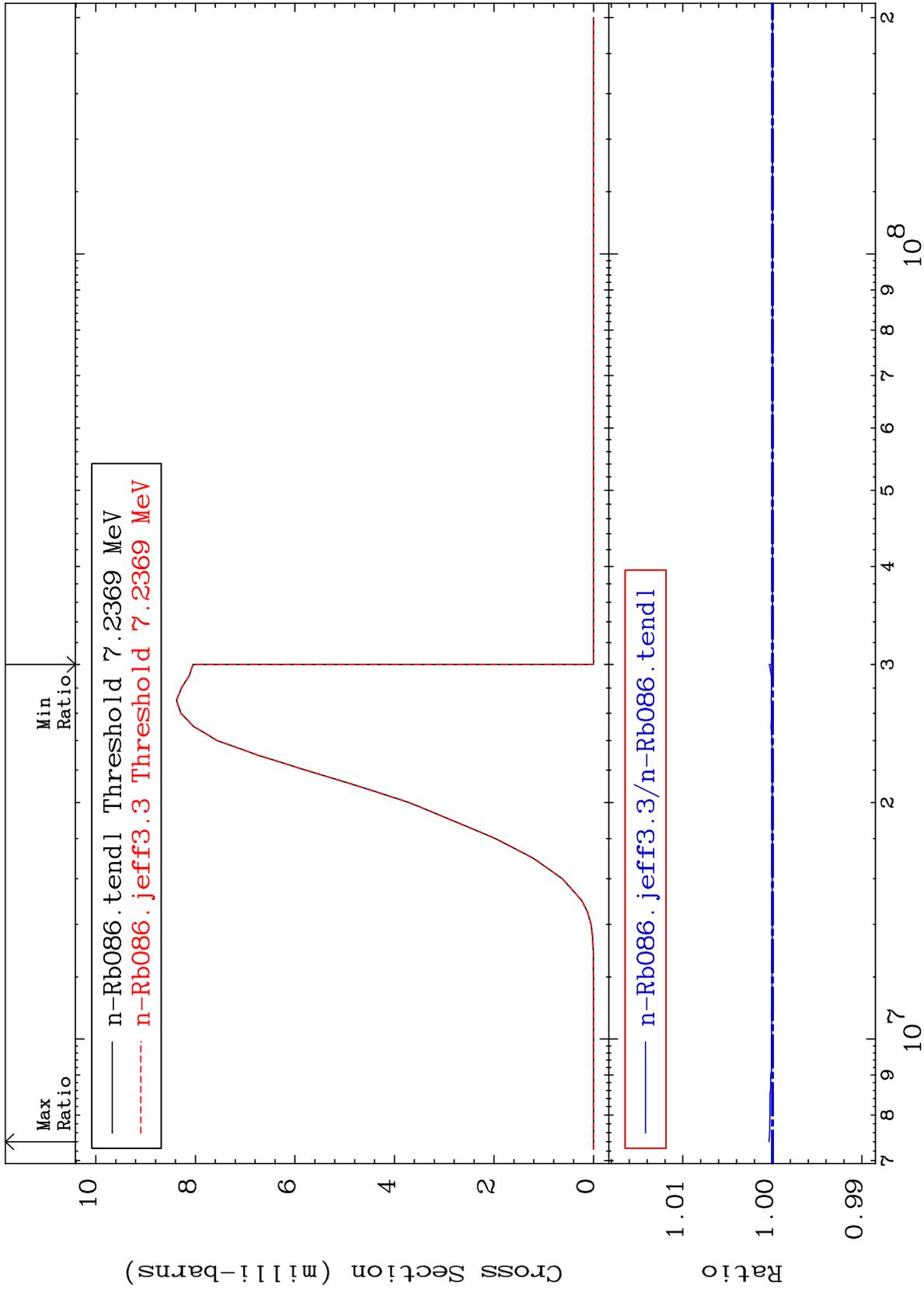
-0.037 To 0.006 %



MAT 3728

<sup>37</sup>Rb-86

(n, t)  
Cross Section  
0.000 To 0.038 %



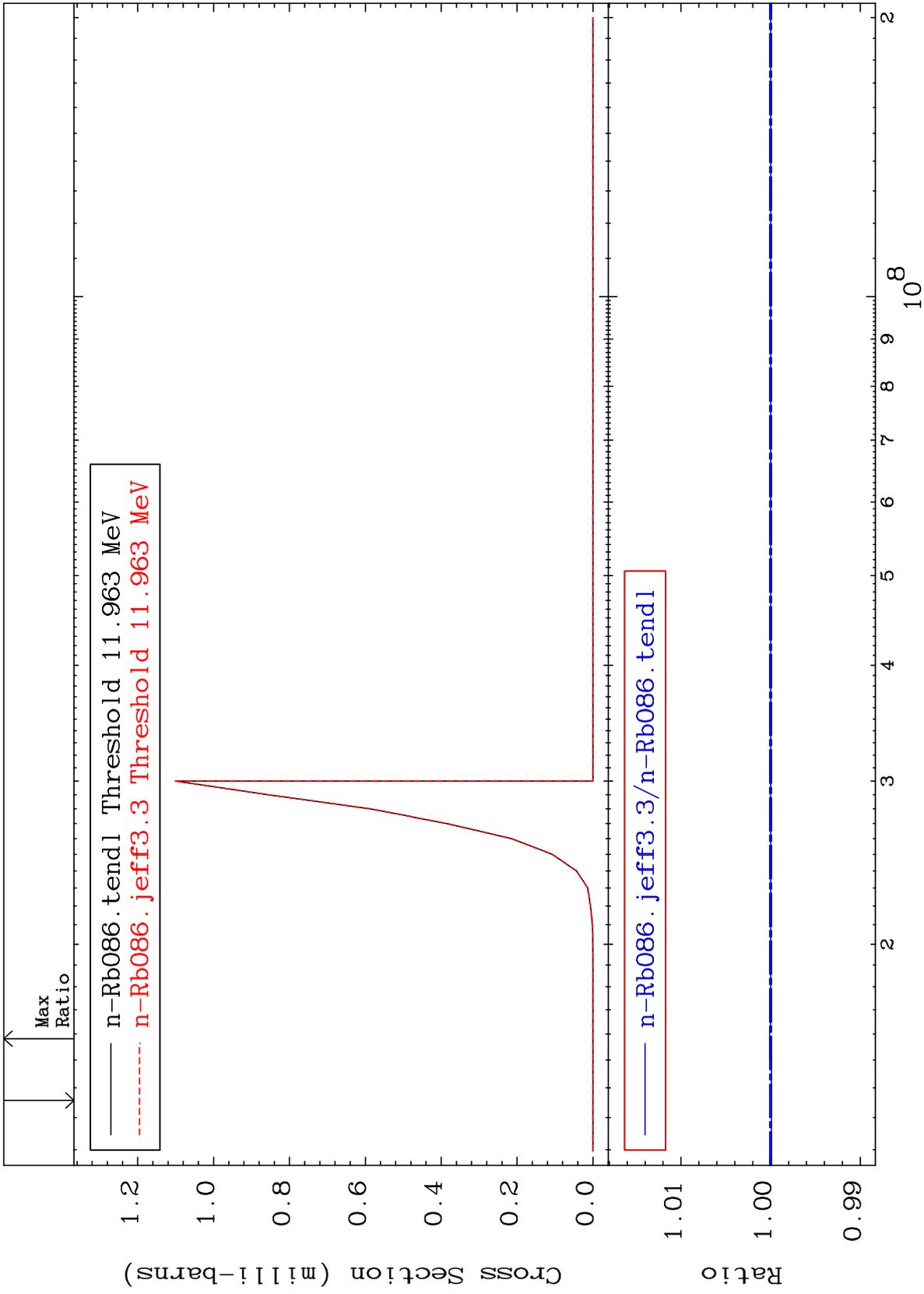
36

Incident Energy (eV)

<sup>37</sup>Rb-86

Cross Section

-0.007 To 0.012 %



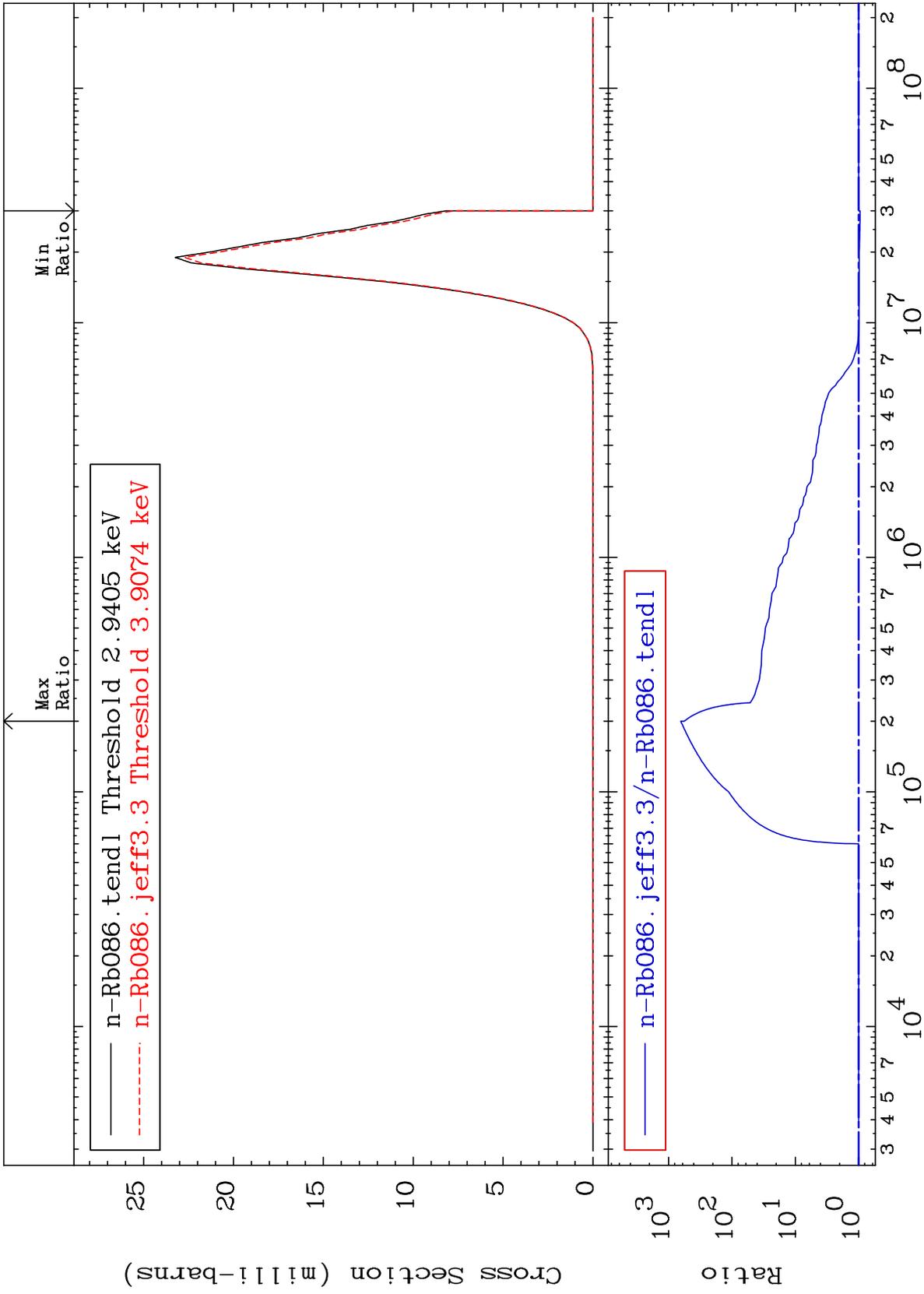
MAT 3728

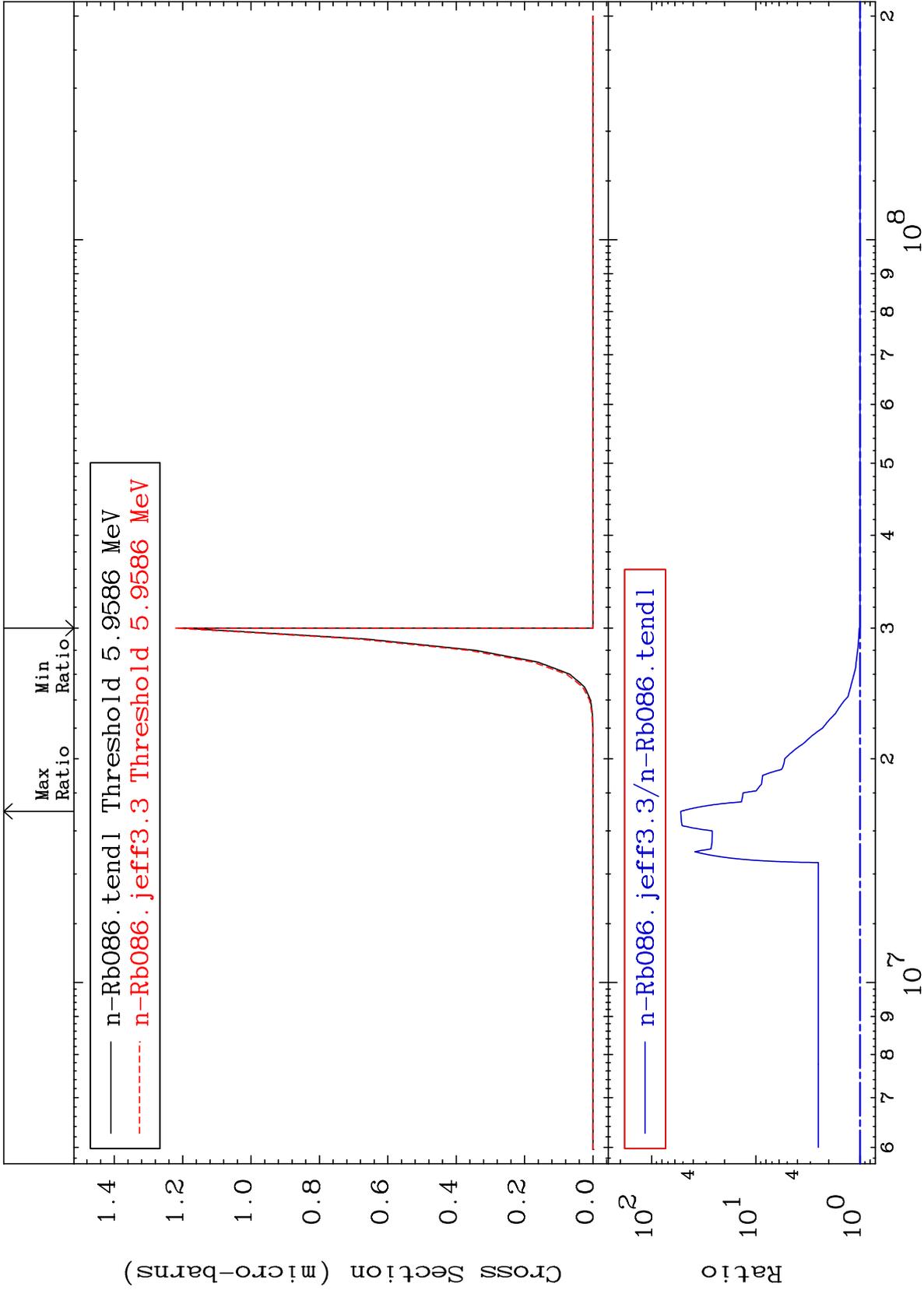
(n,  $\alpha$ )

37-Rb-86

Cross Section

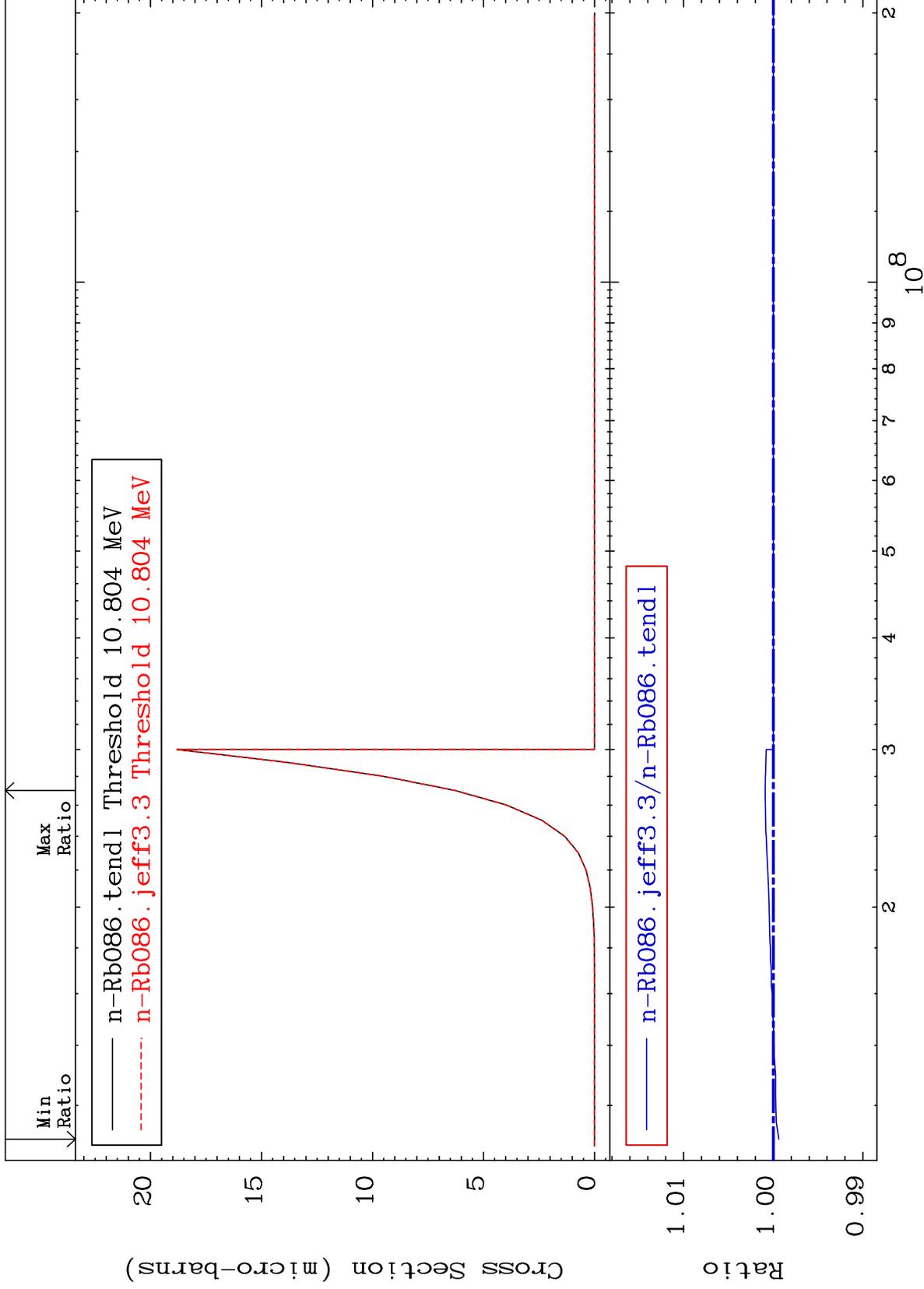
-5.242 To 9999. %





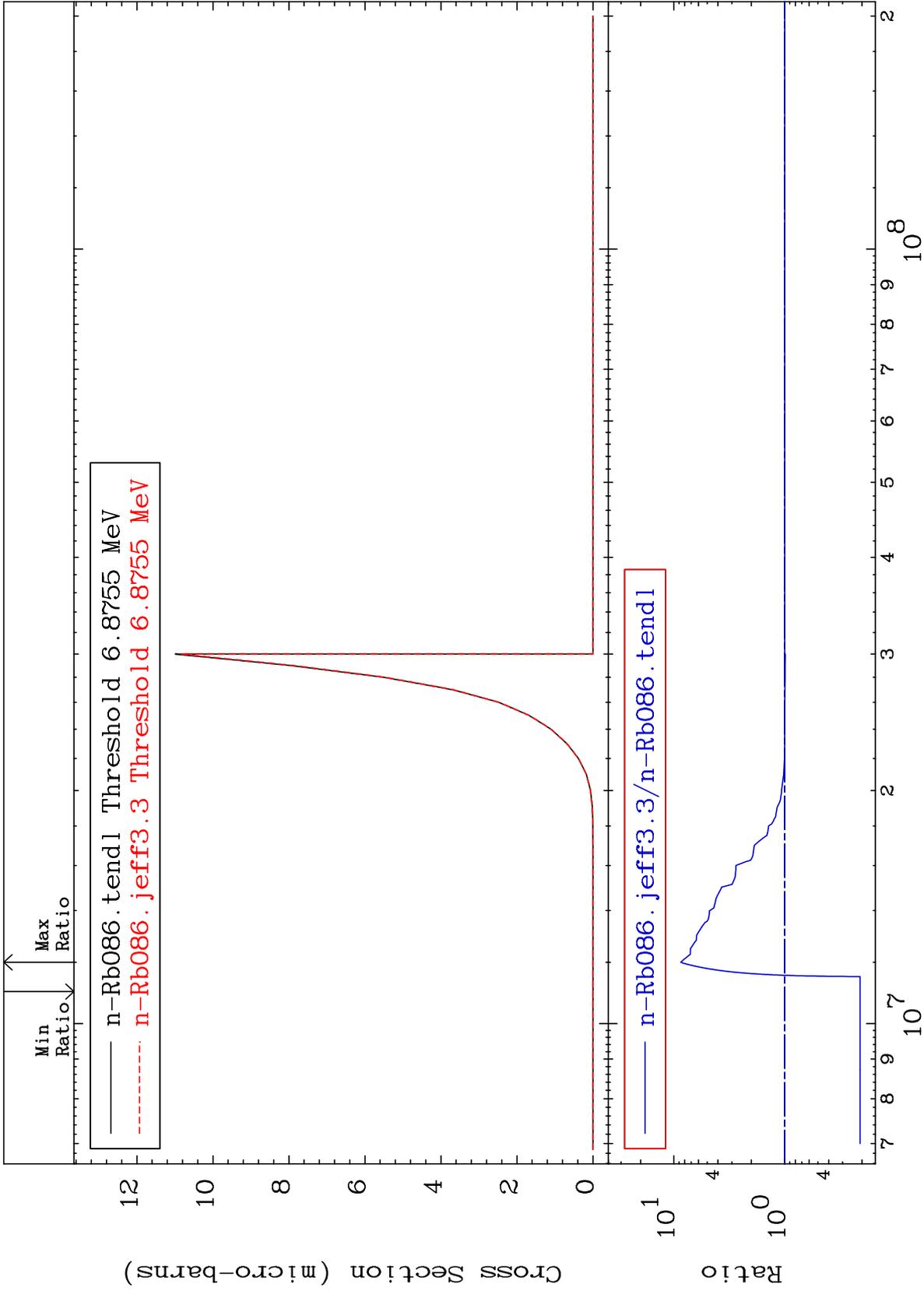
Cross Section

-0.062 To 0.091 %



Cross Section

-79.16 To 767.1 %



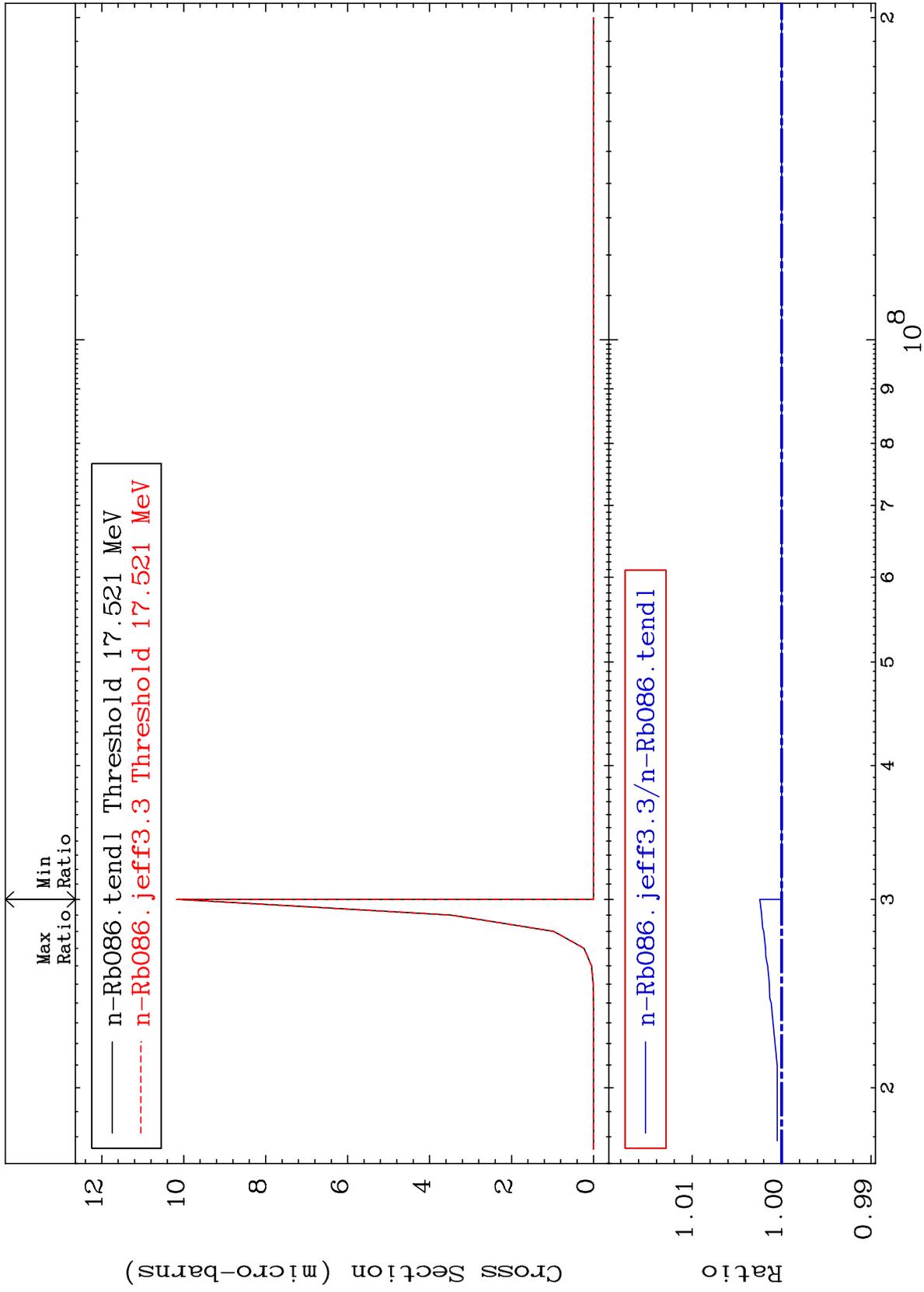
MAT 3728

(n,p) d

<sup>37</sup>Rb-86

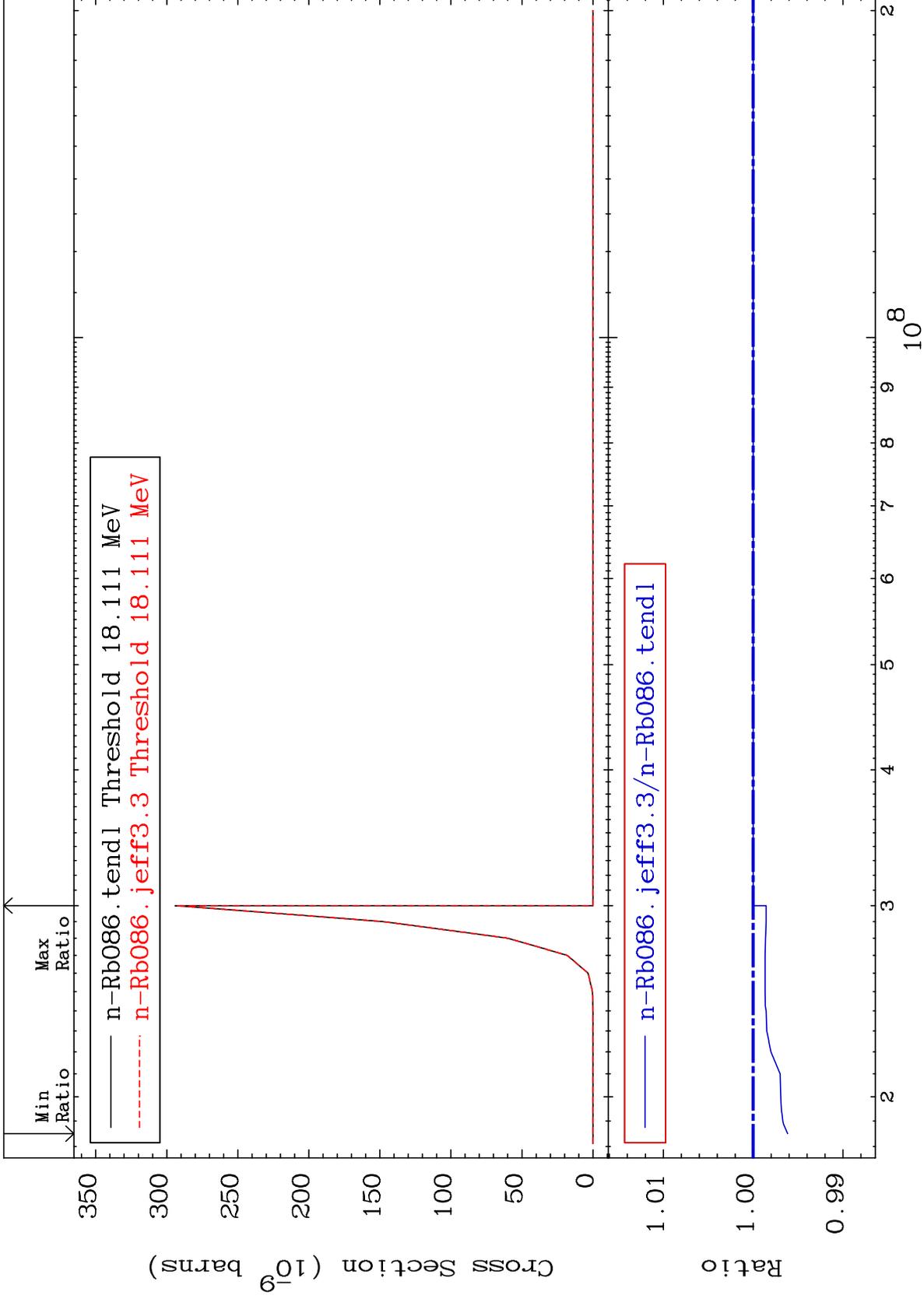
Cross Section

0.000 To 0.244 %



Cross Section

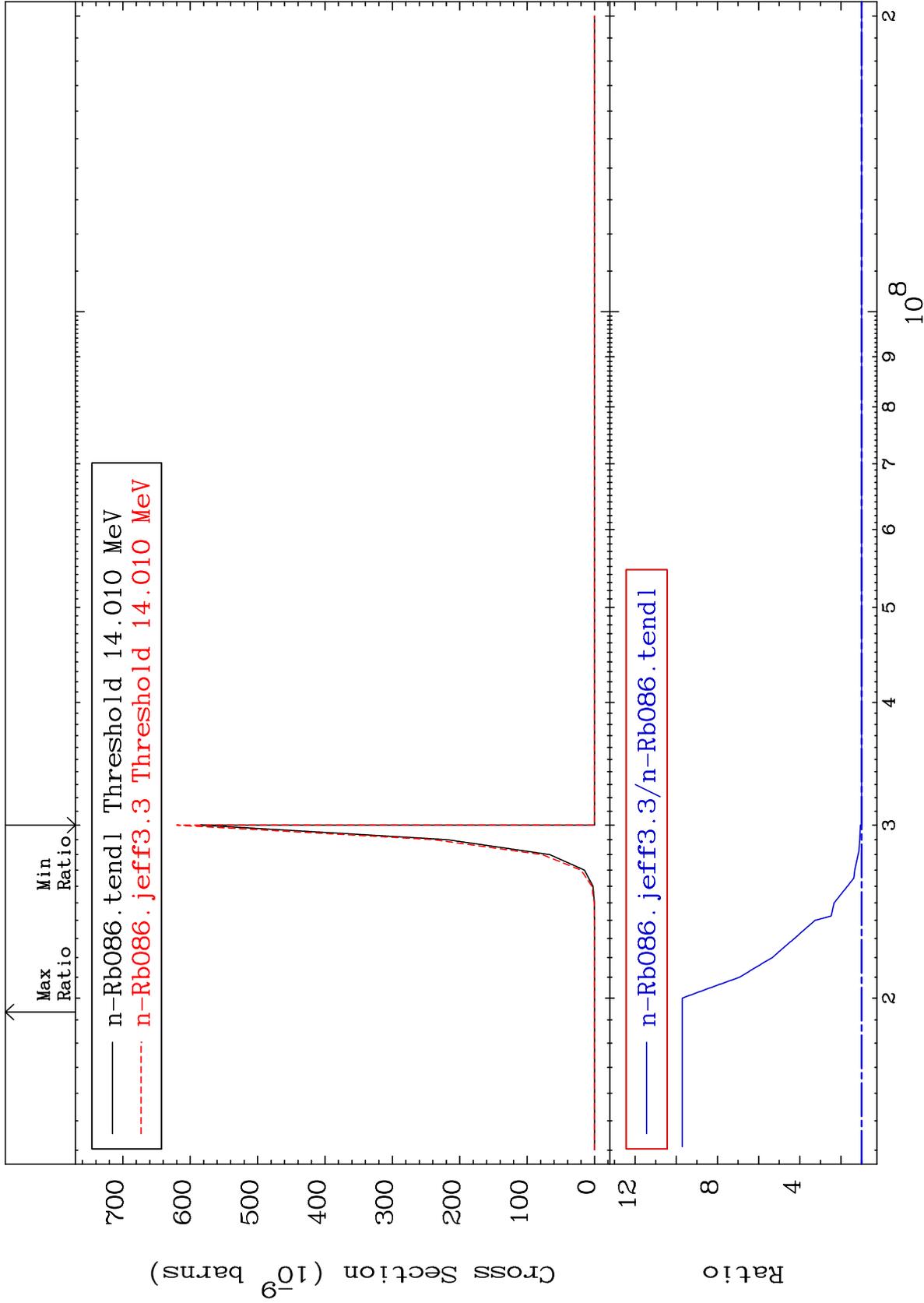
-0.385 To 0.000 %

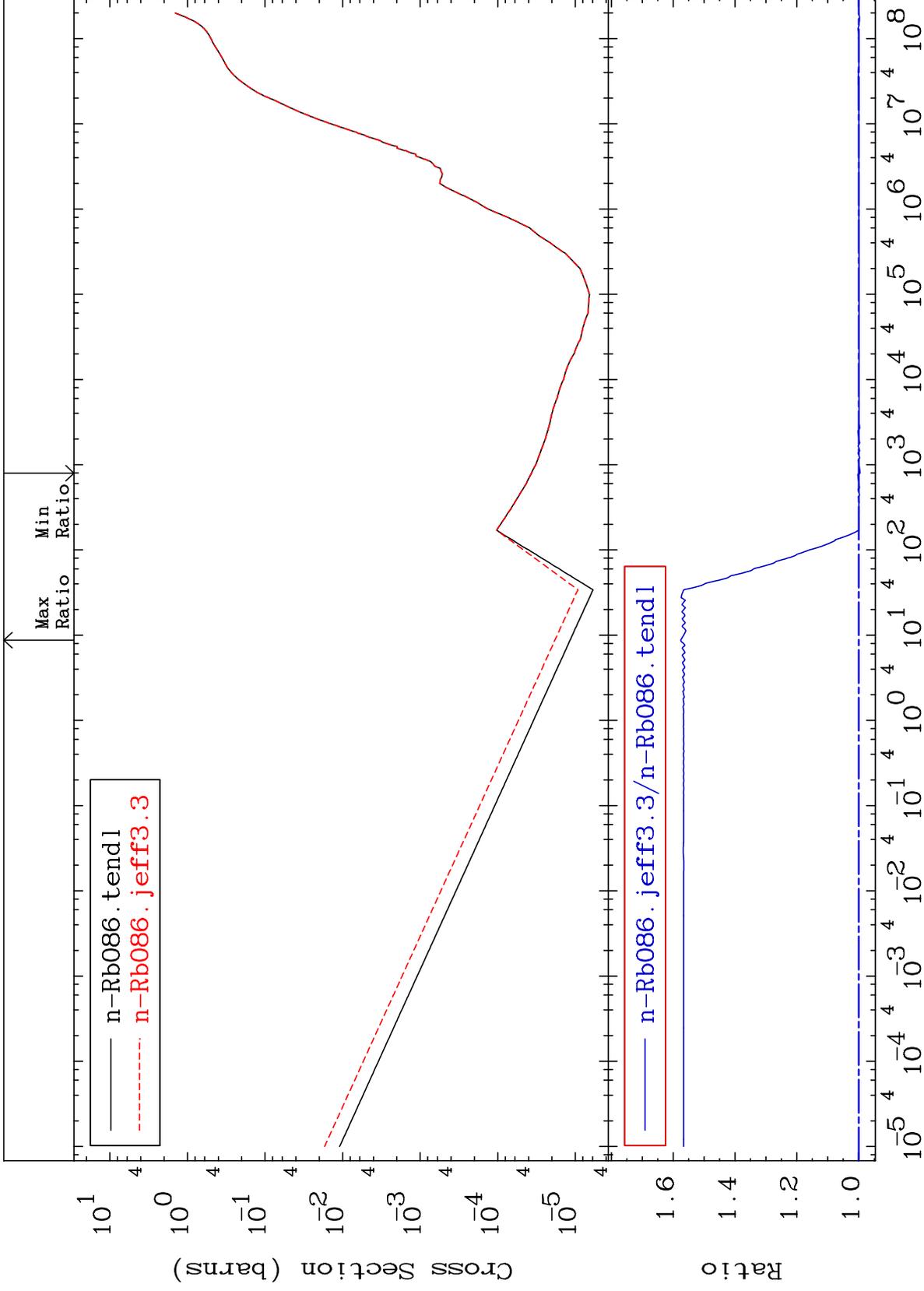


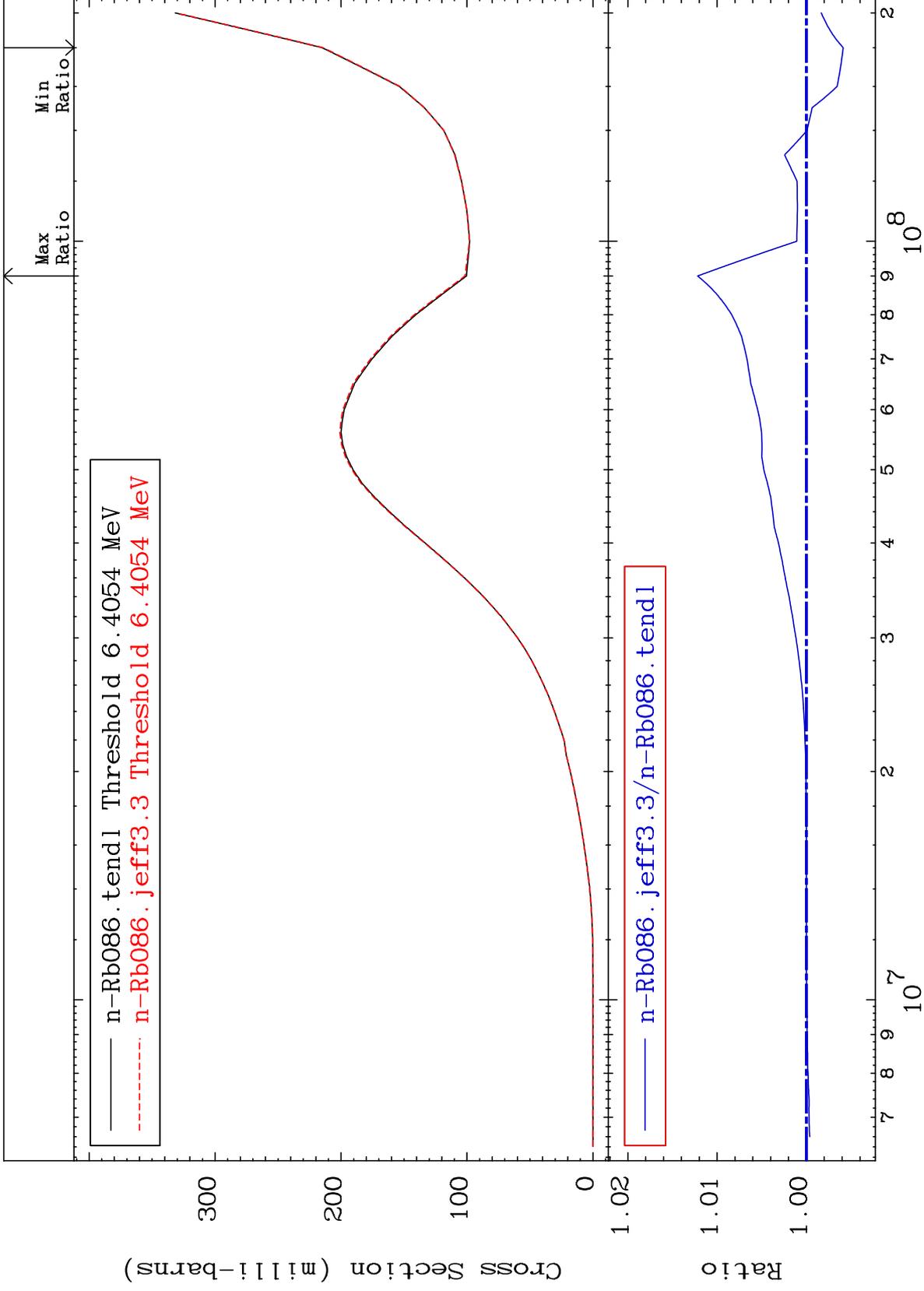
Cross Section

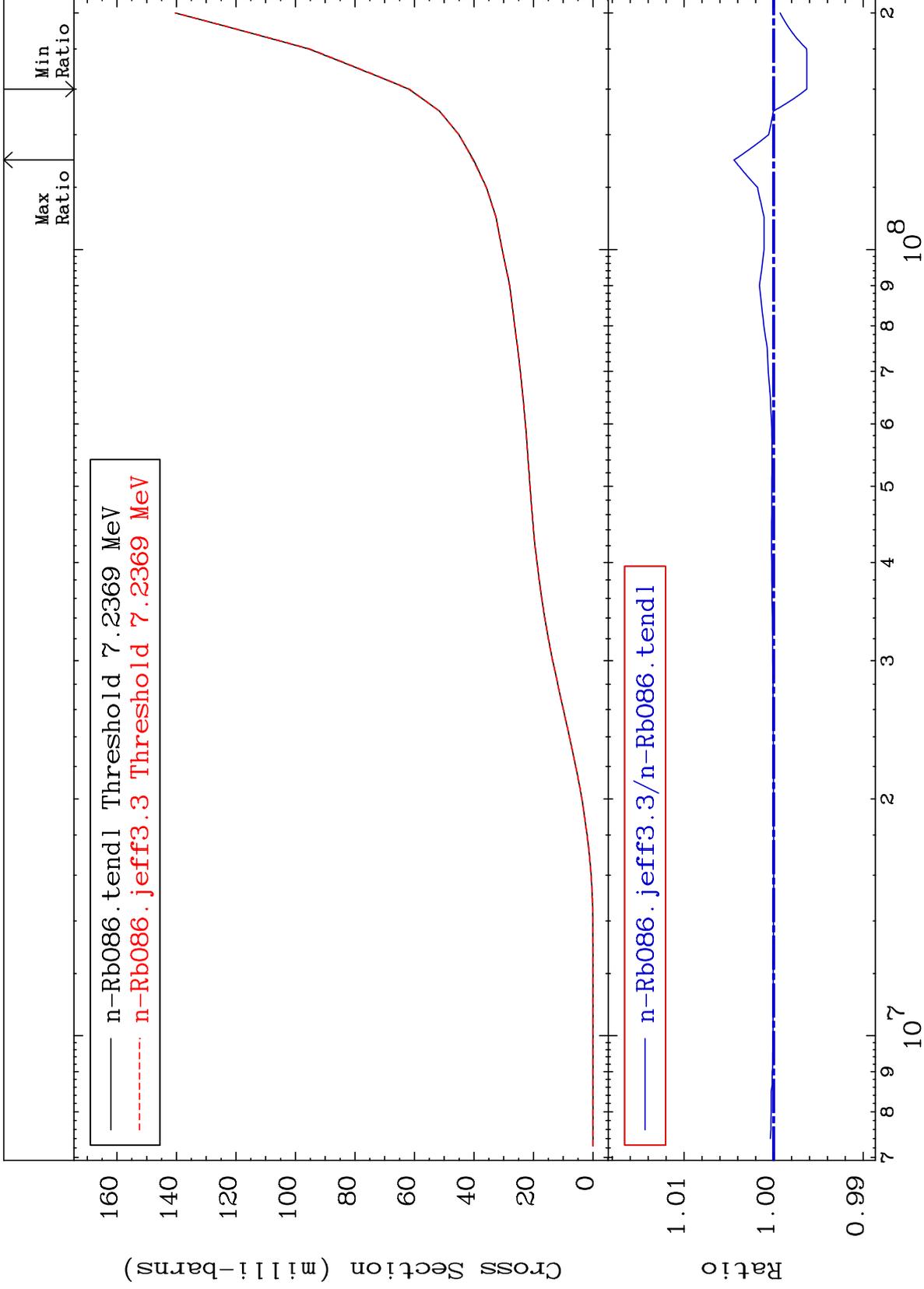
0.000

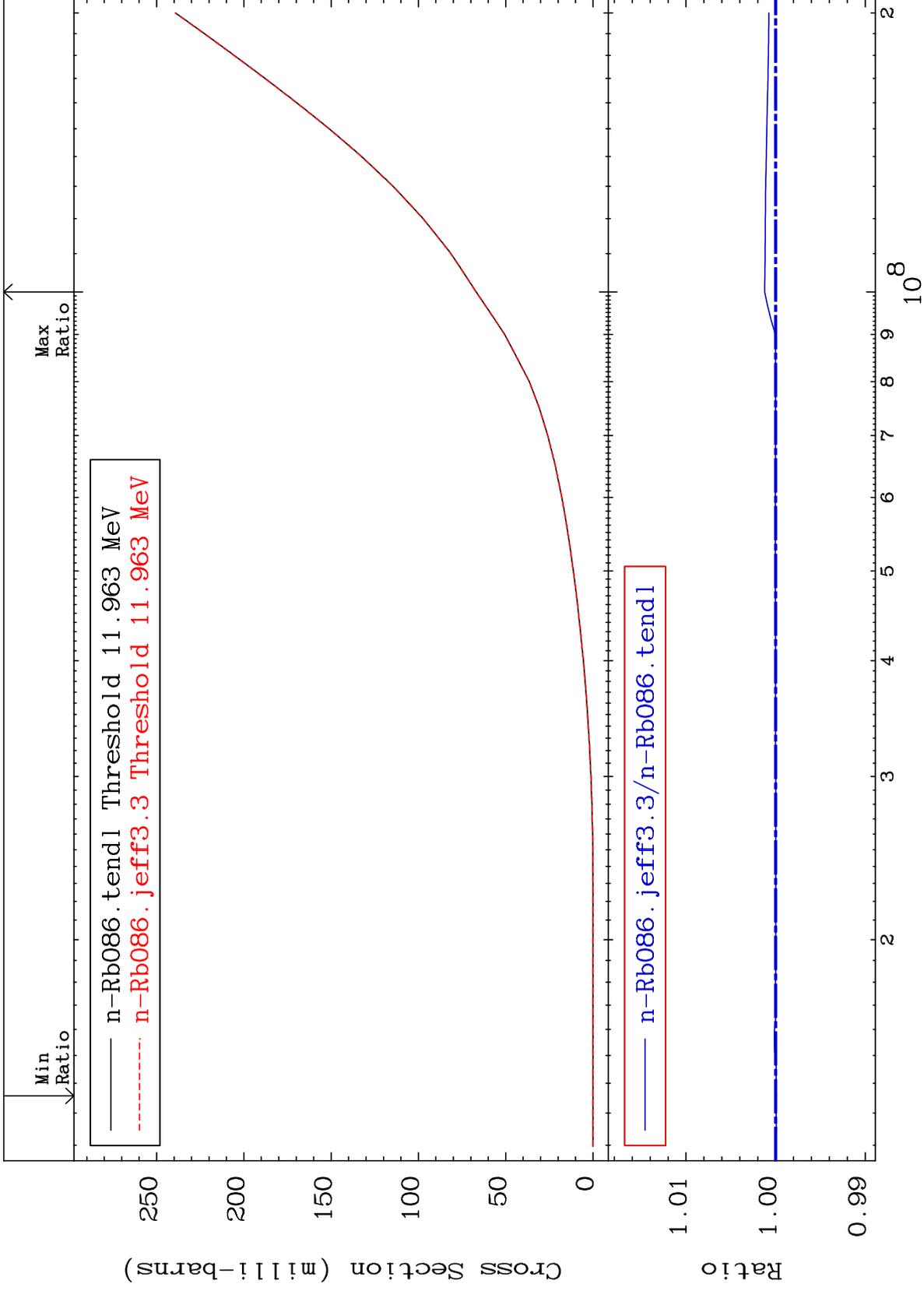
To 870.7 %







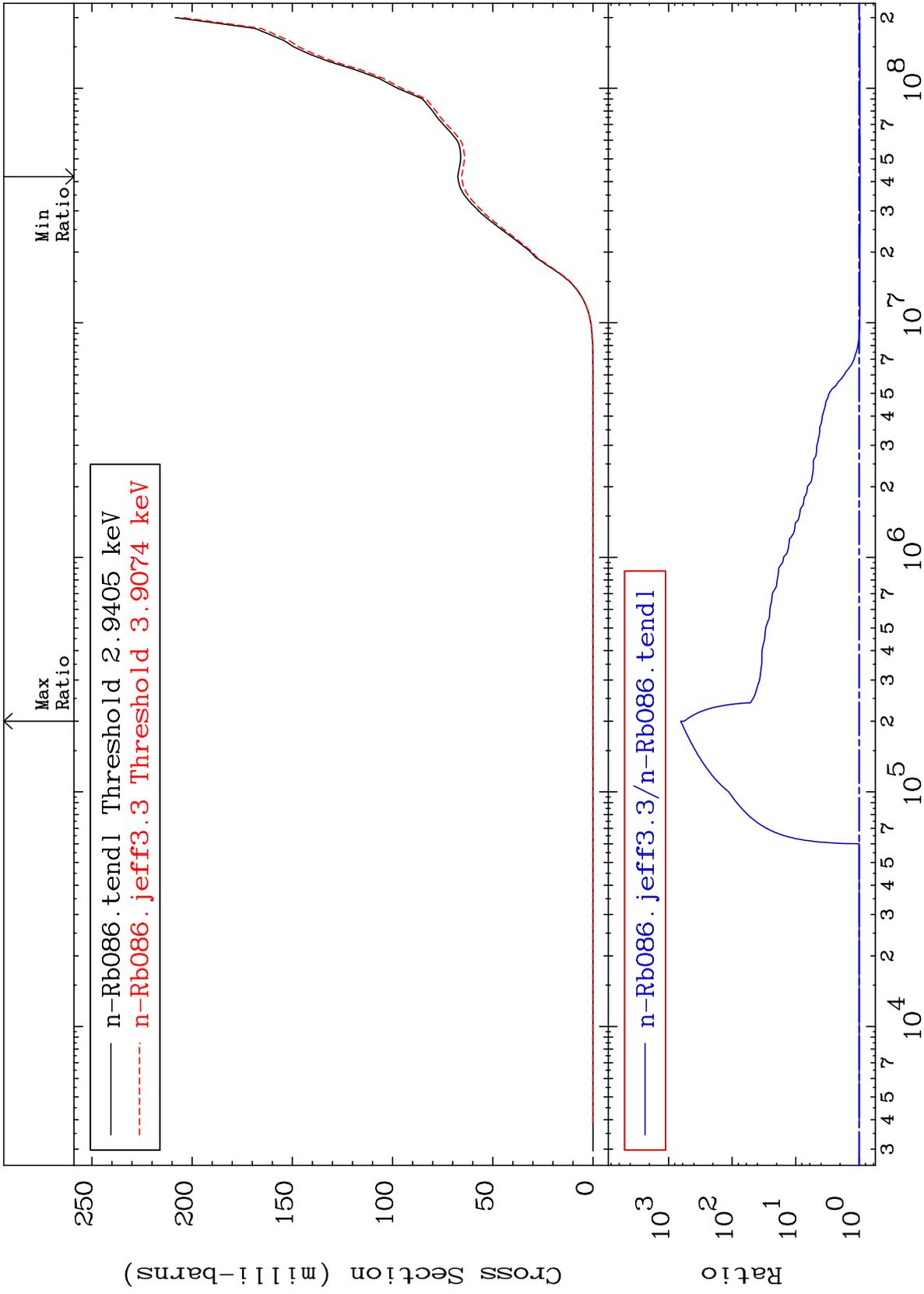




MAT 3728

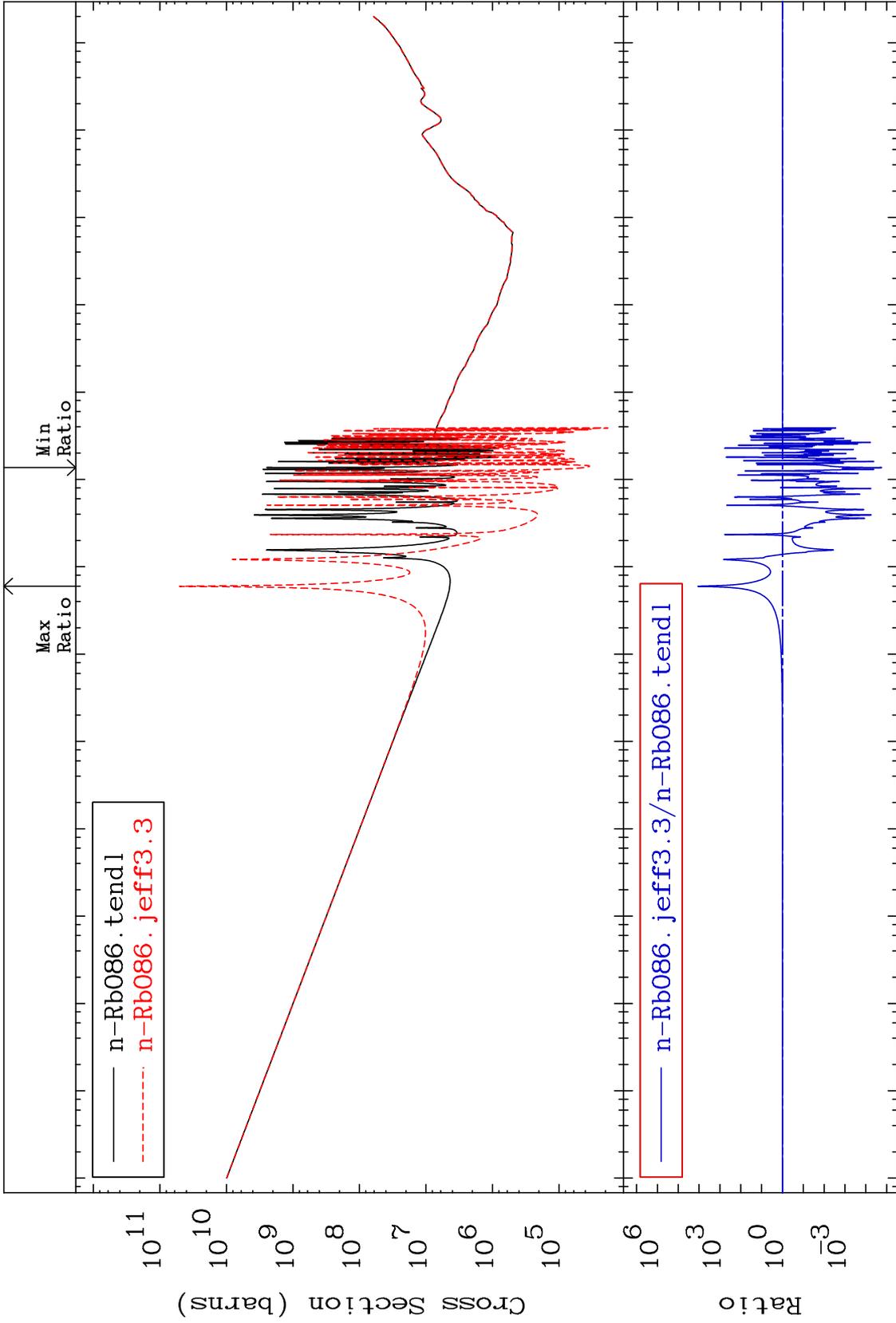
He-4 Production  
Cross Section

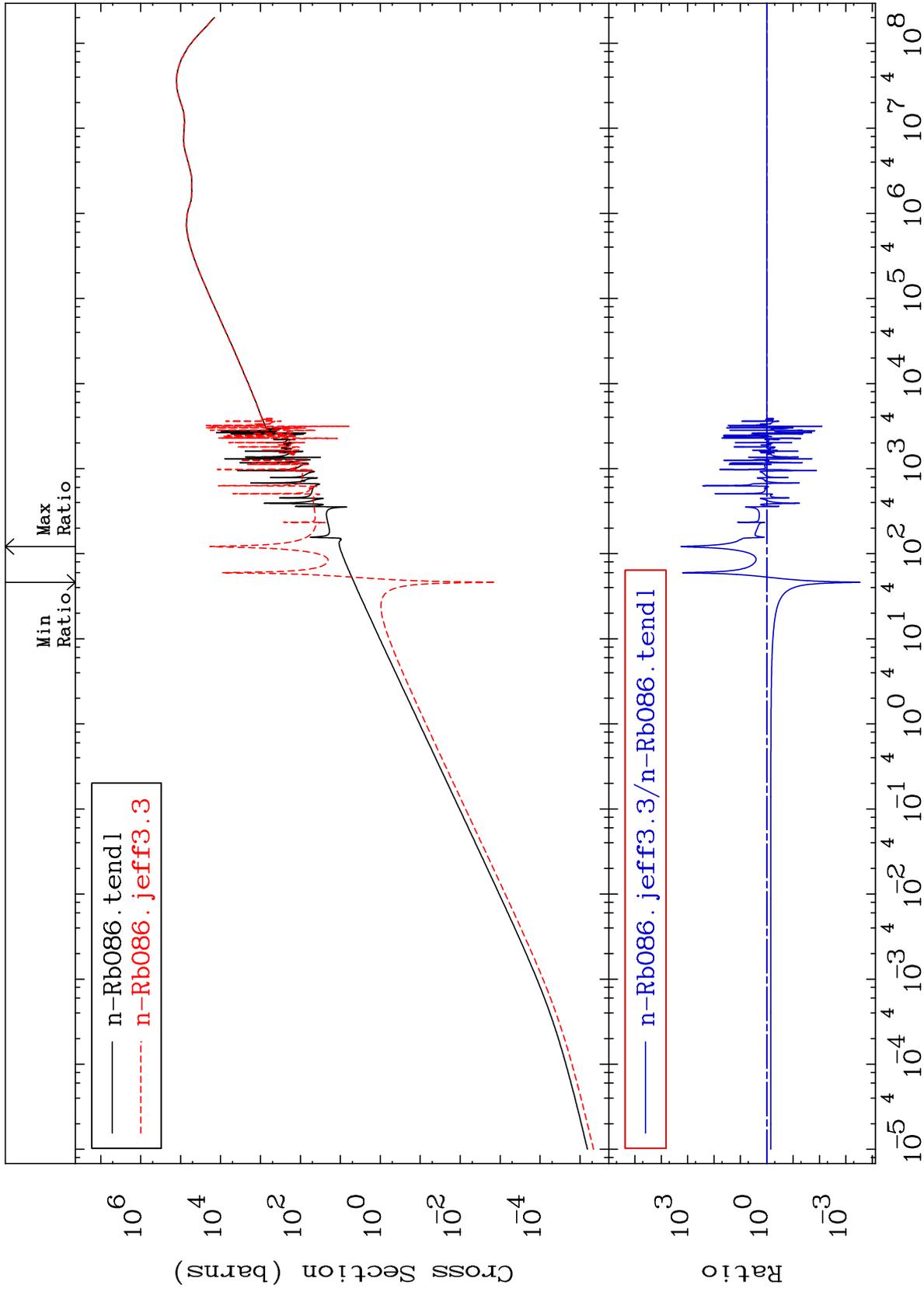
<sup>37</sup>Rb-86  
-2.898 To 9999. %

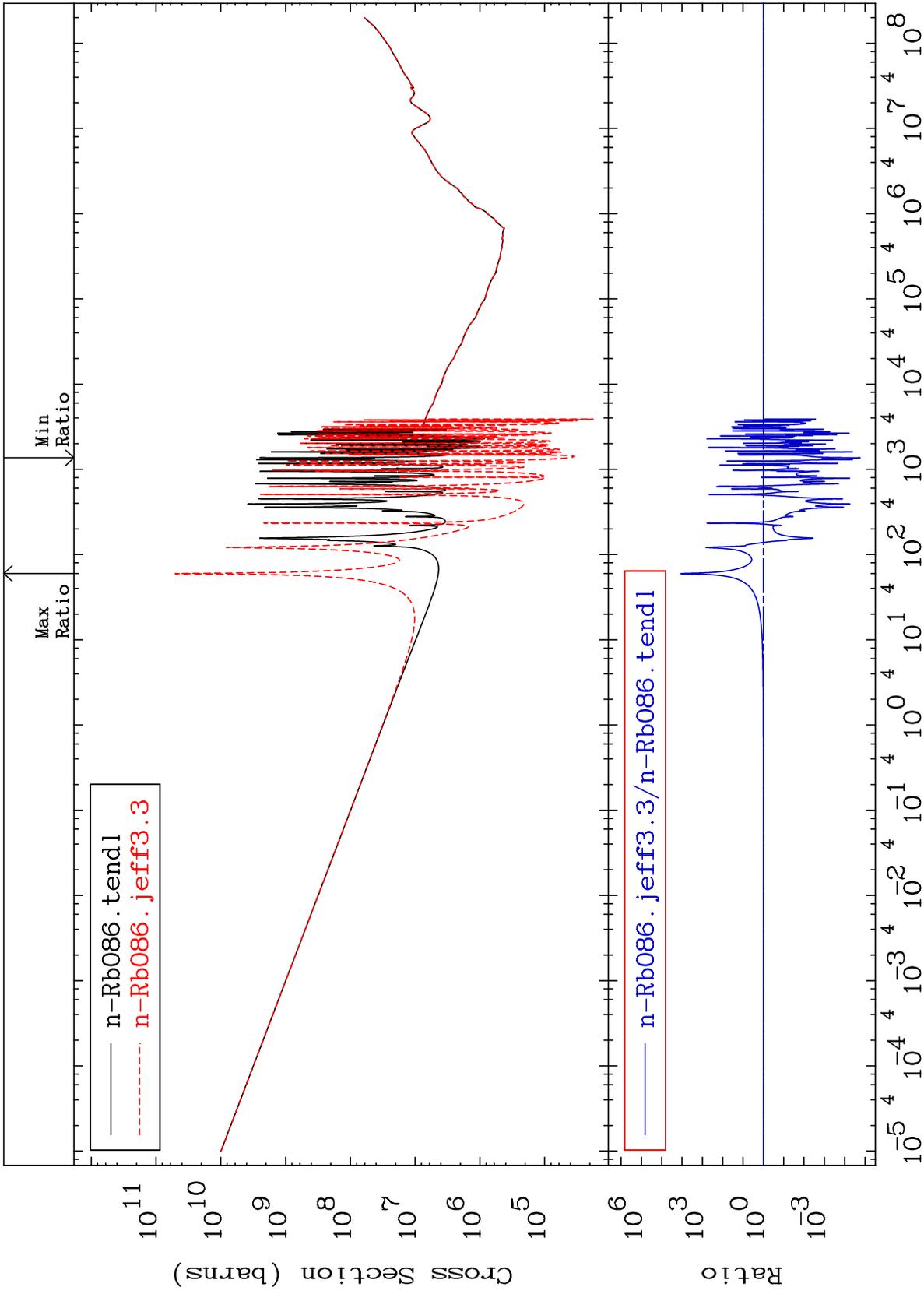


-100.0 To 9999. %

Cross Section

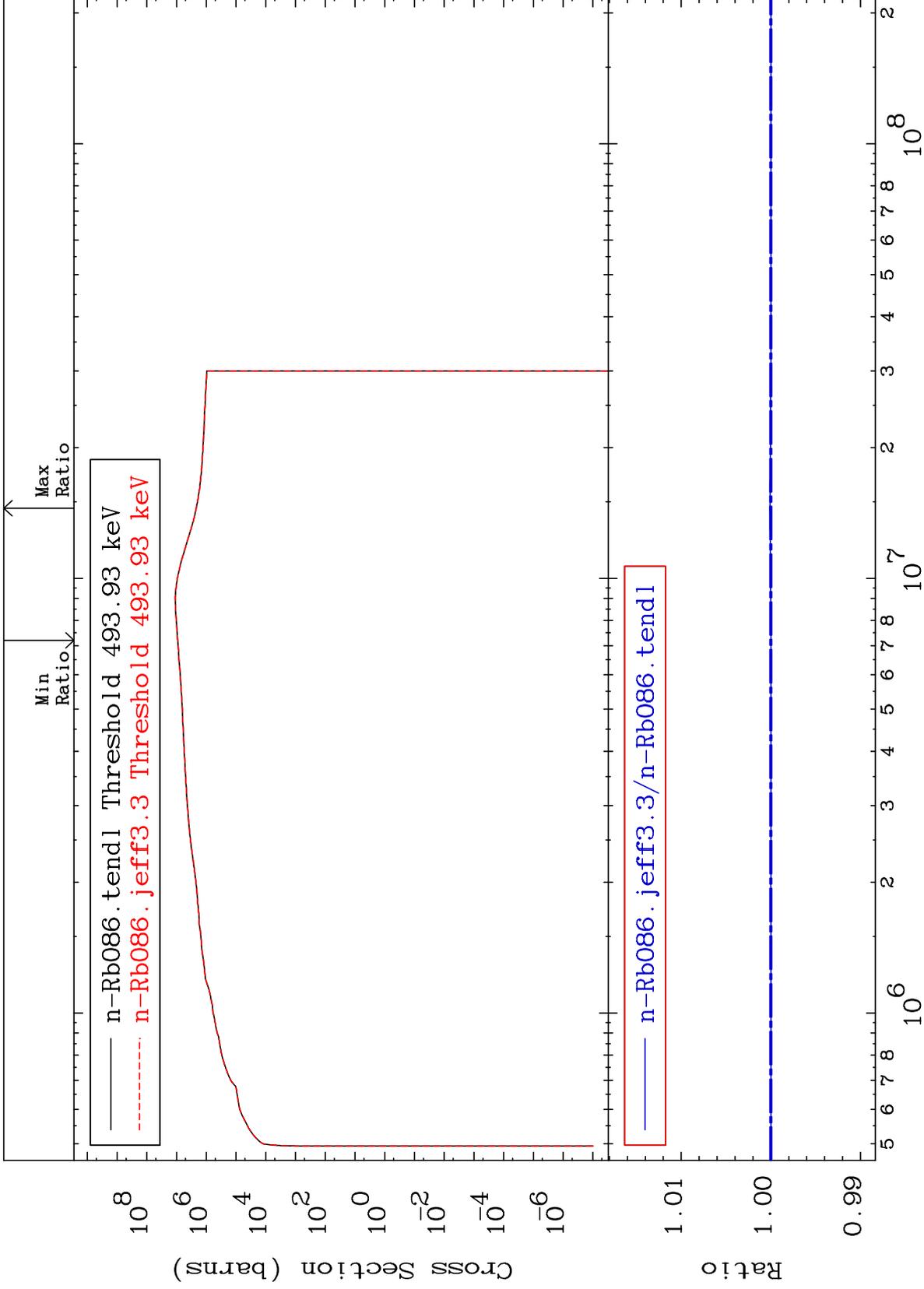


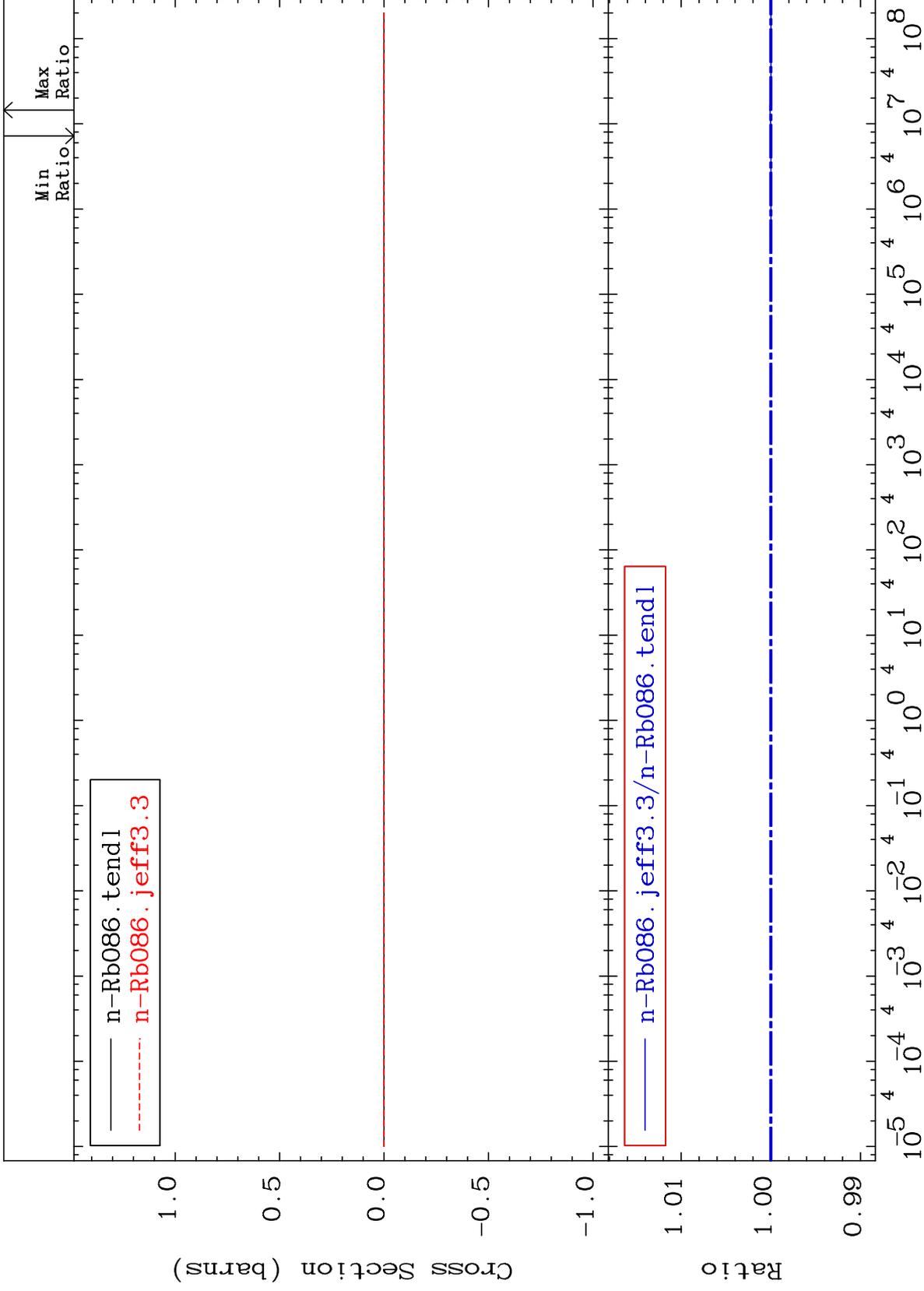


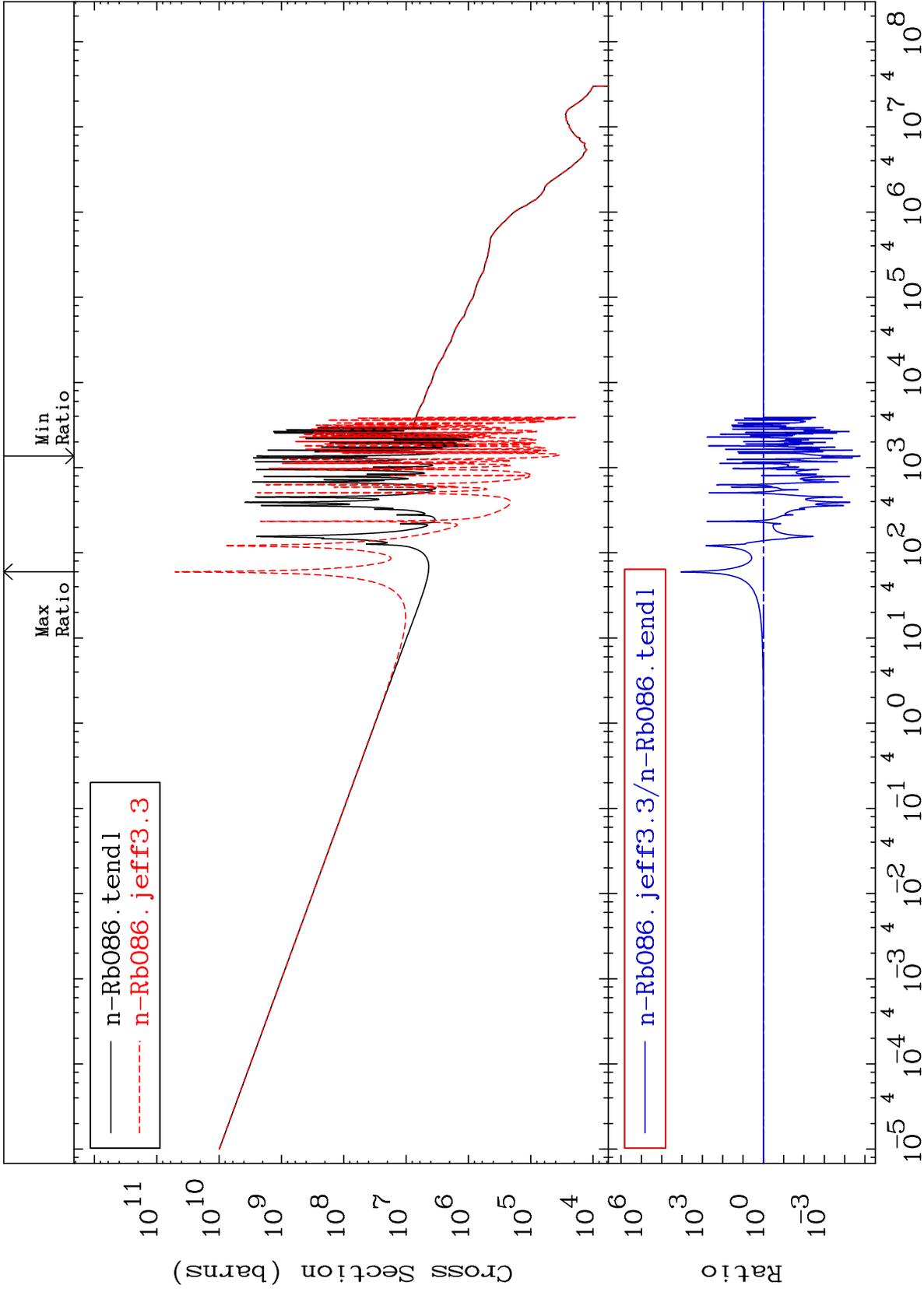


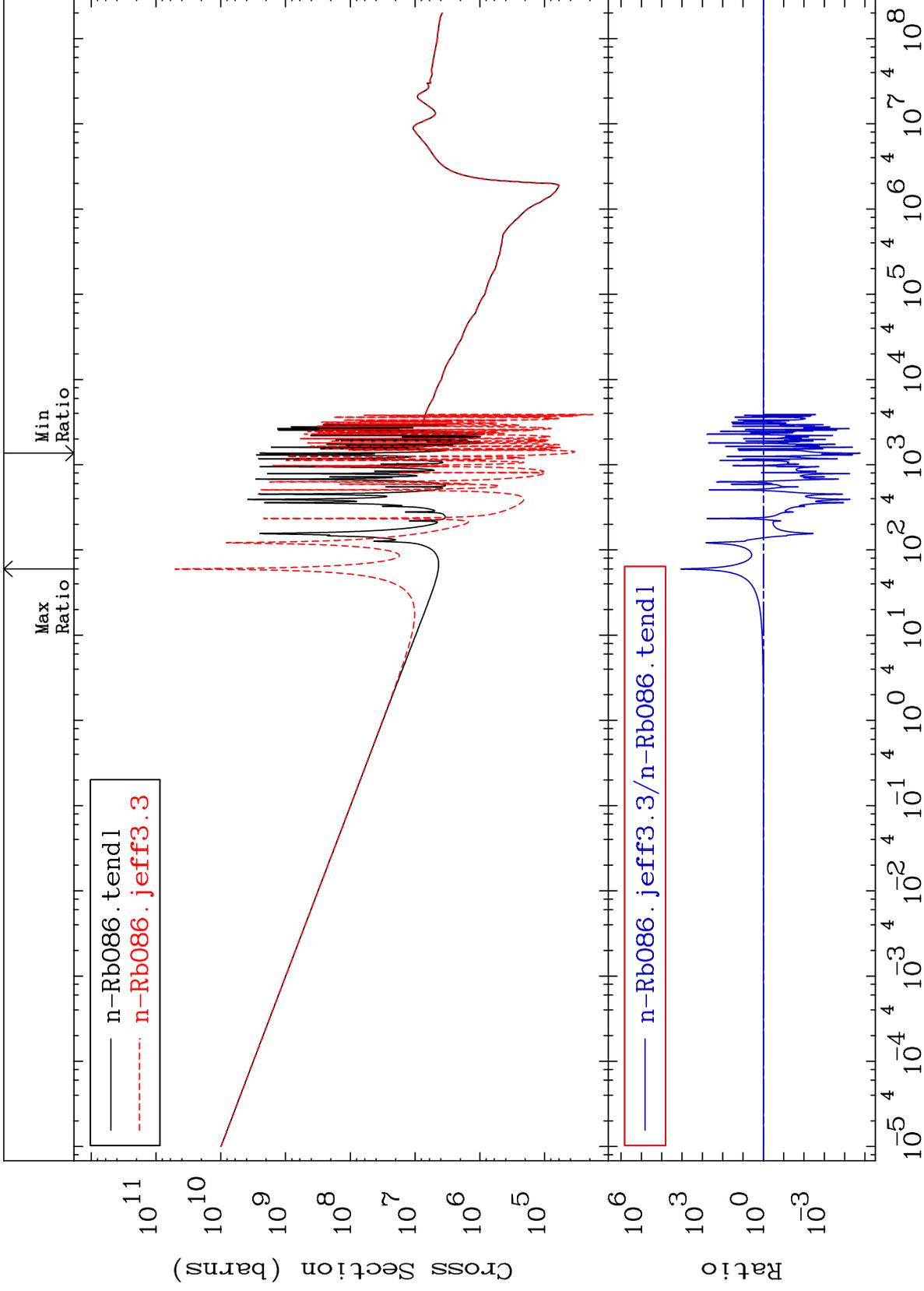
Cross Section

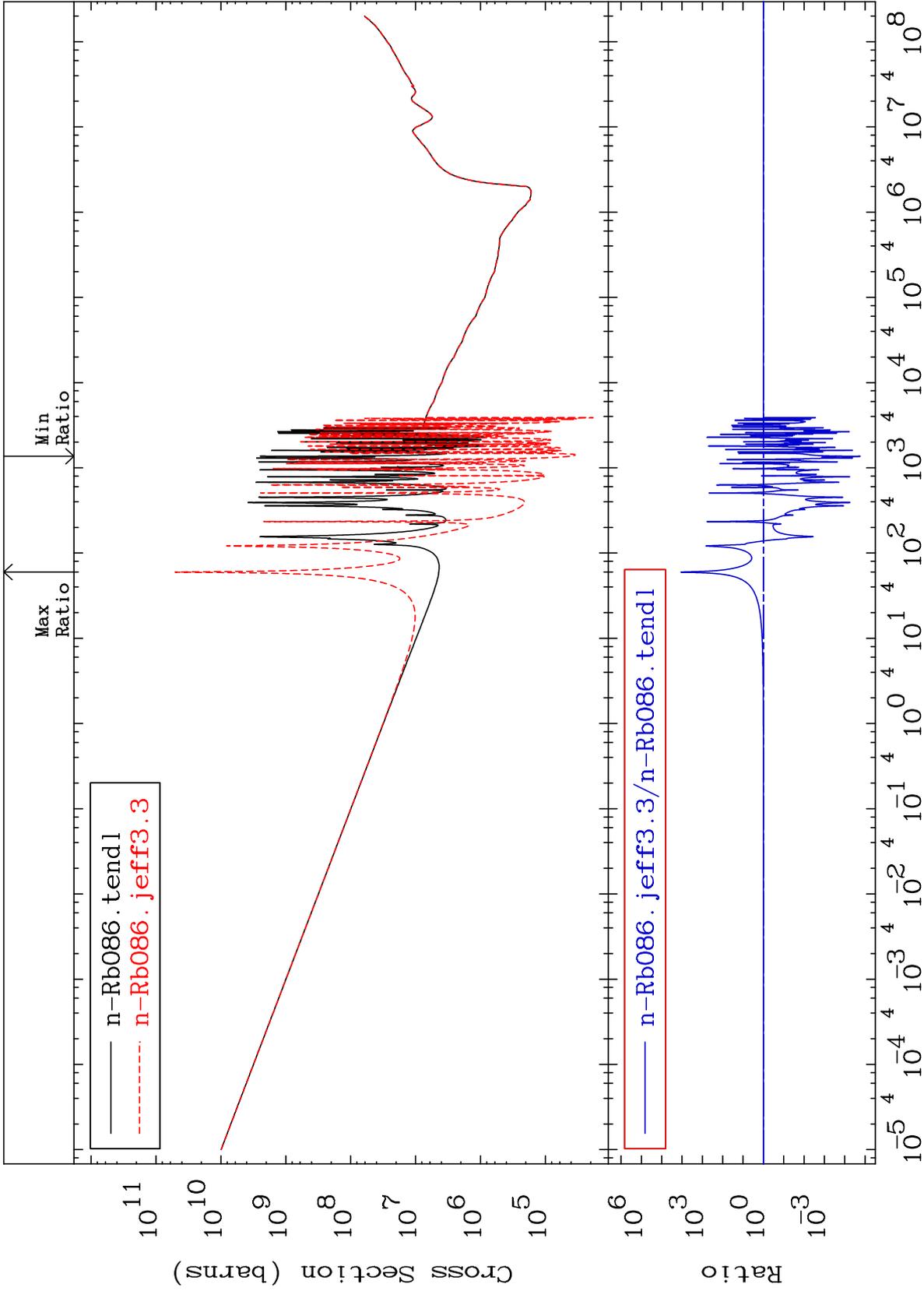
0.000 To 0.010 %

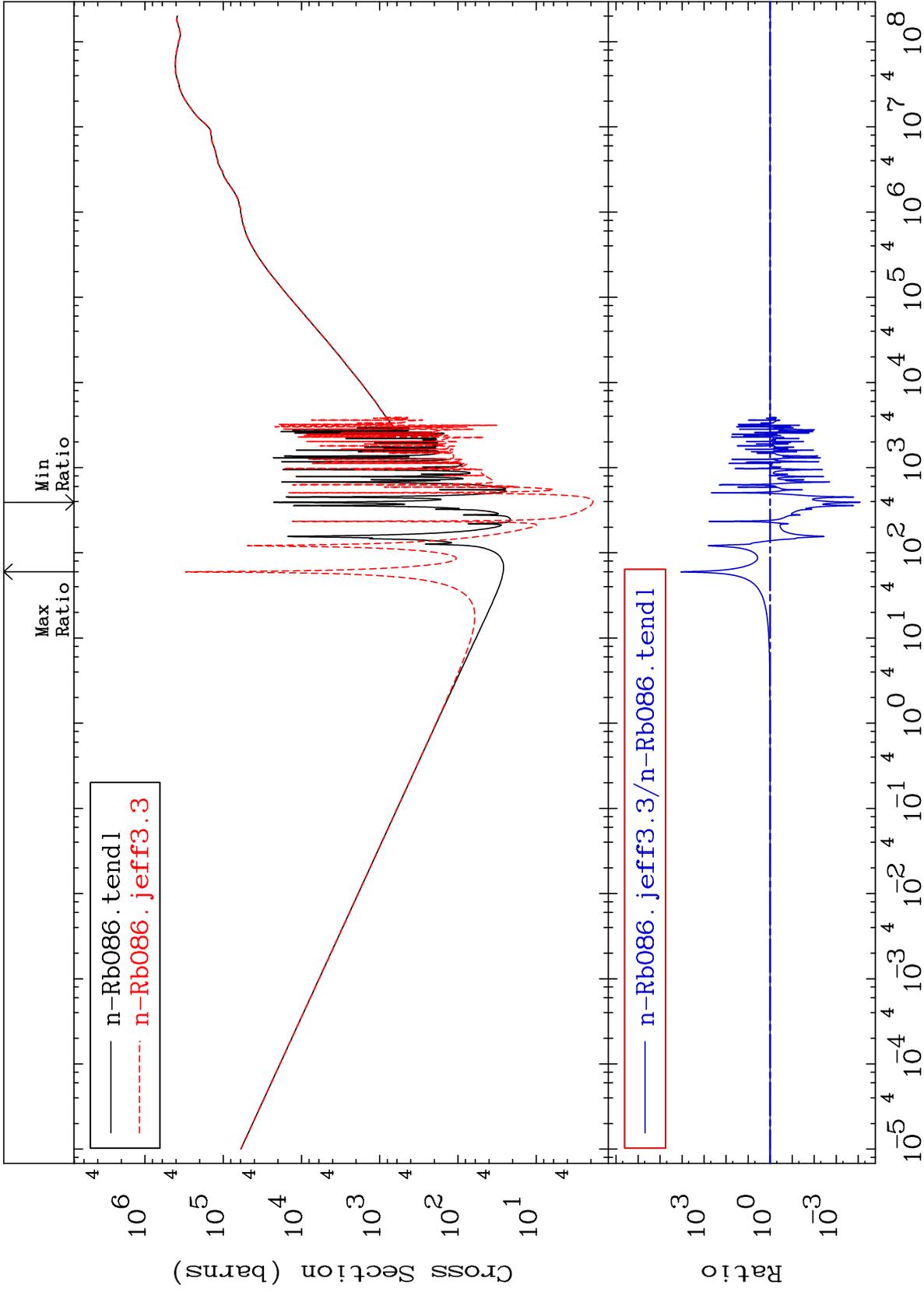


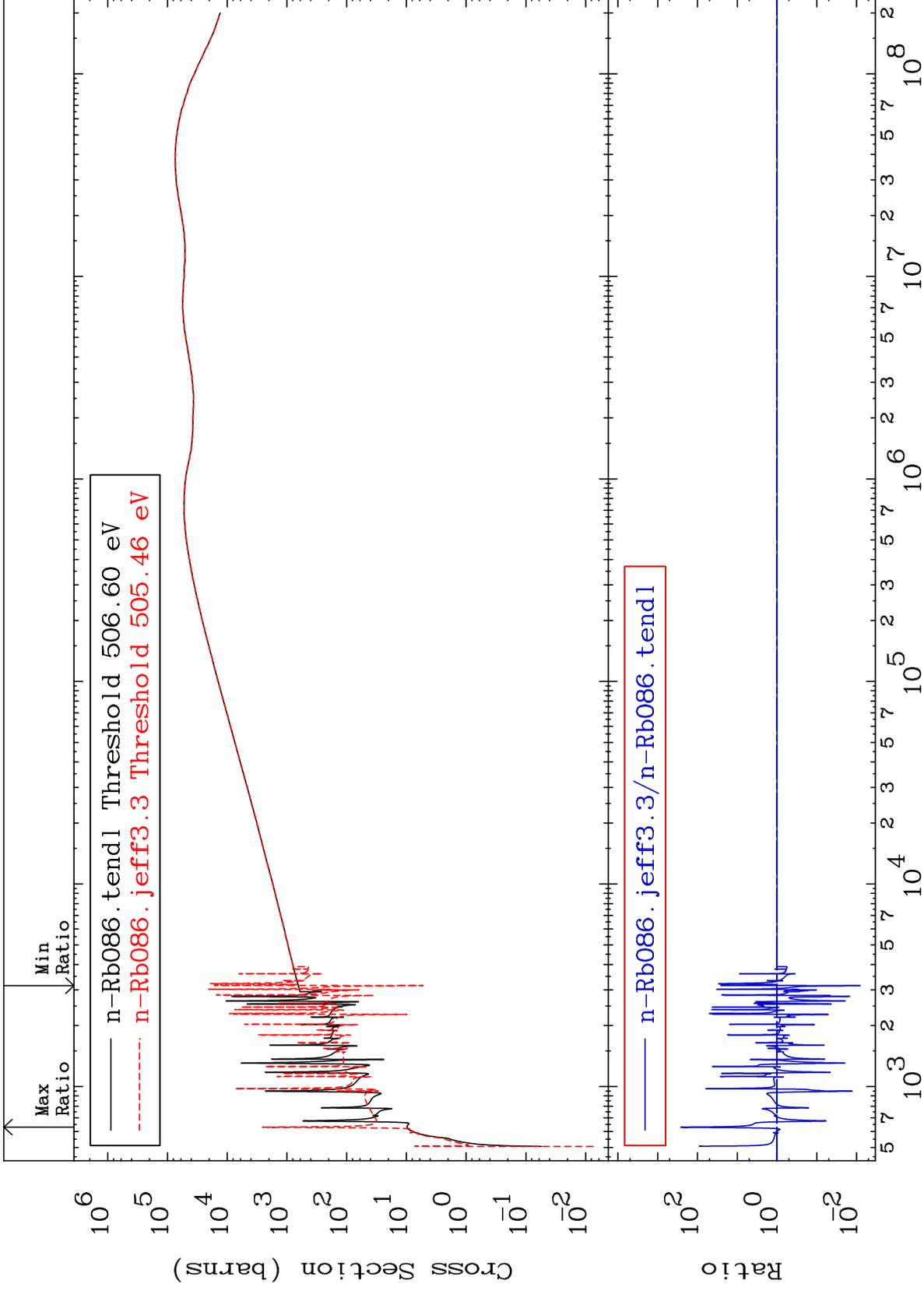


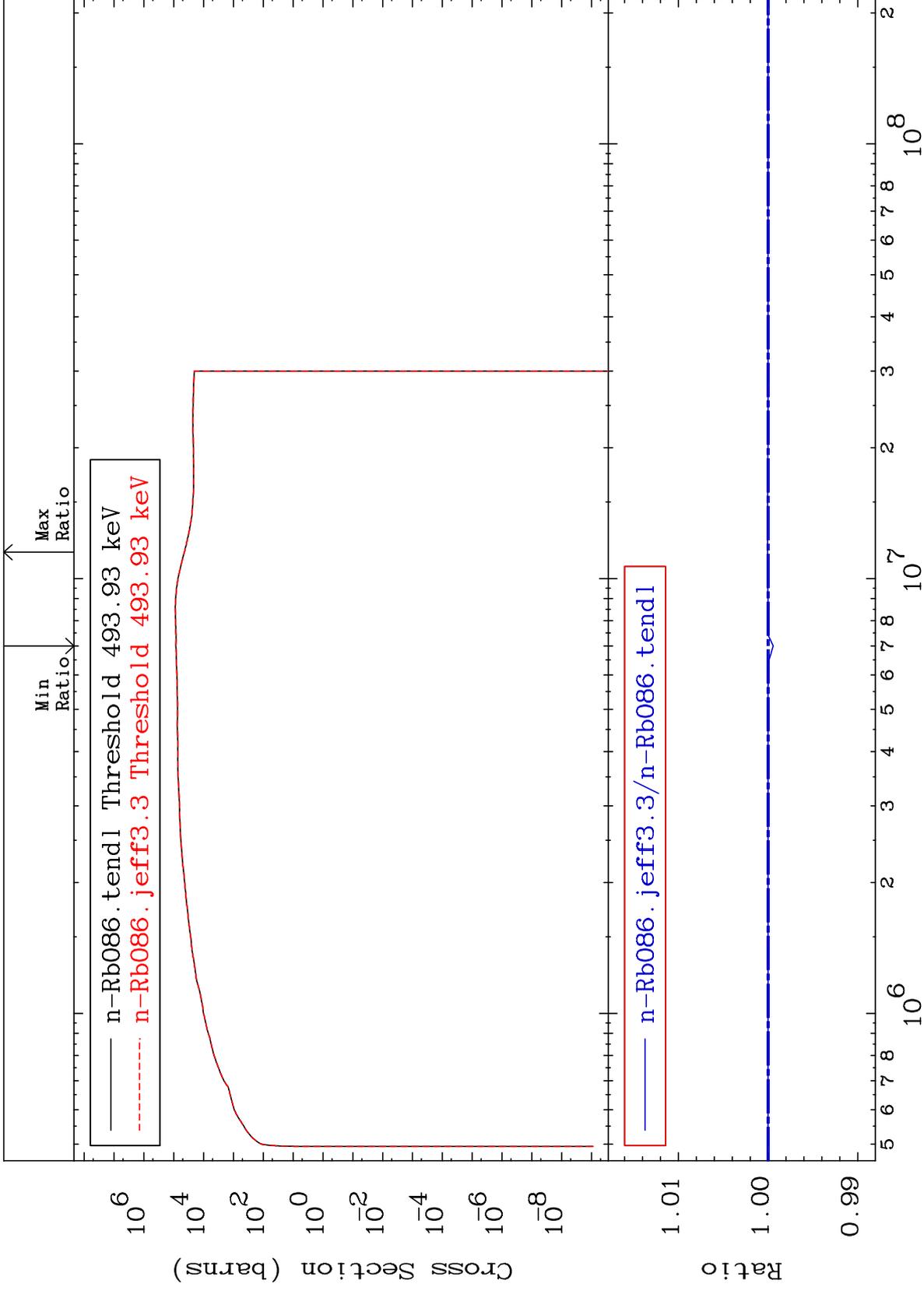


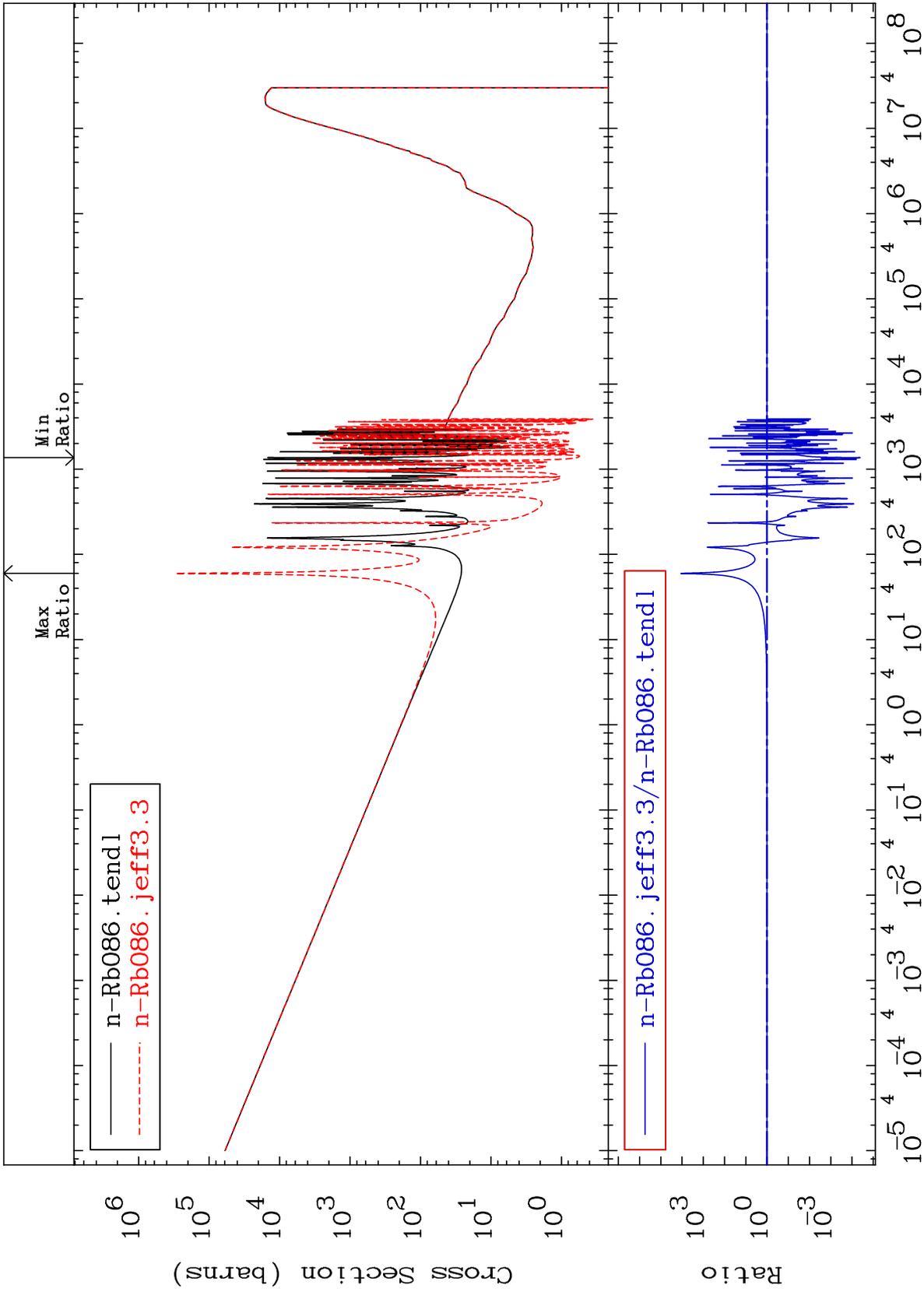


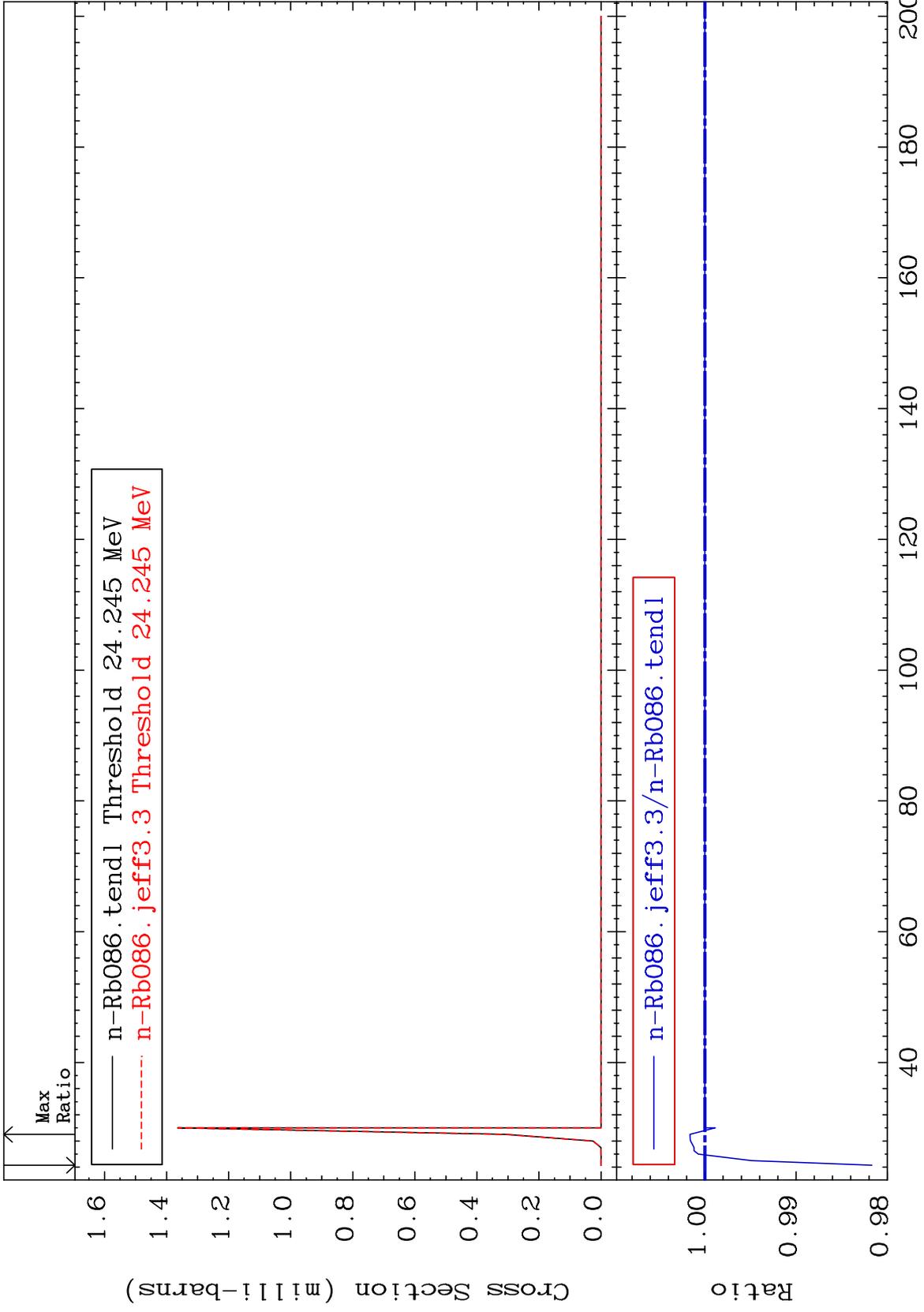




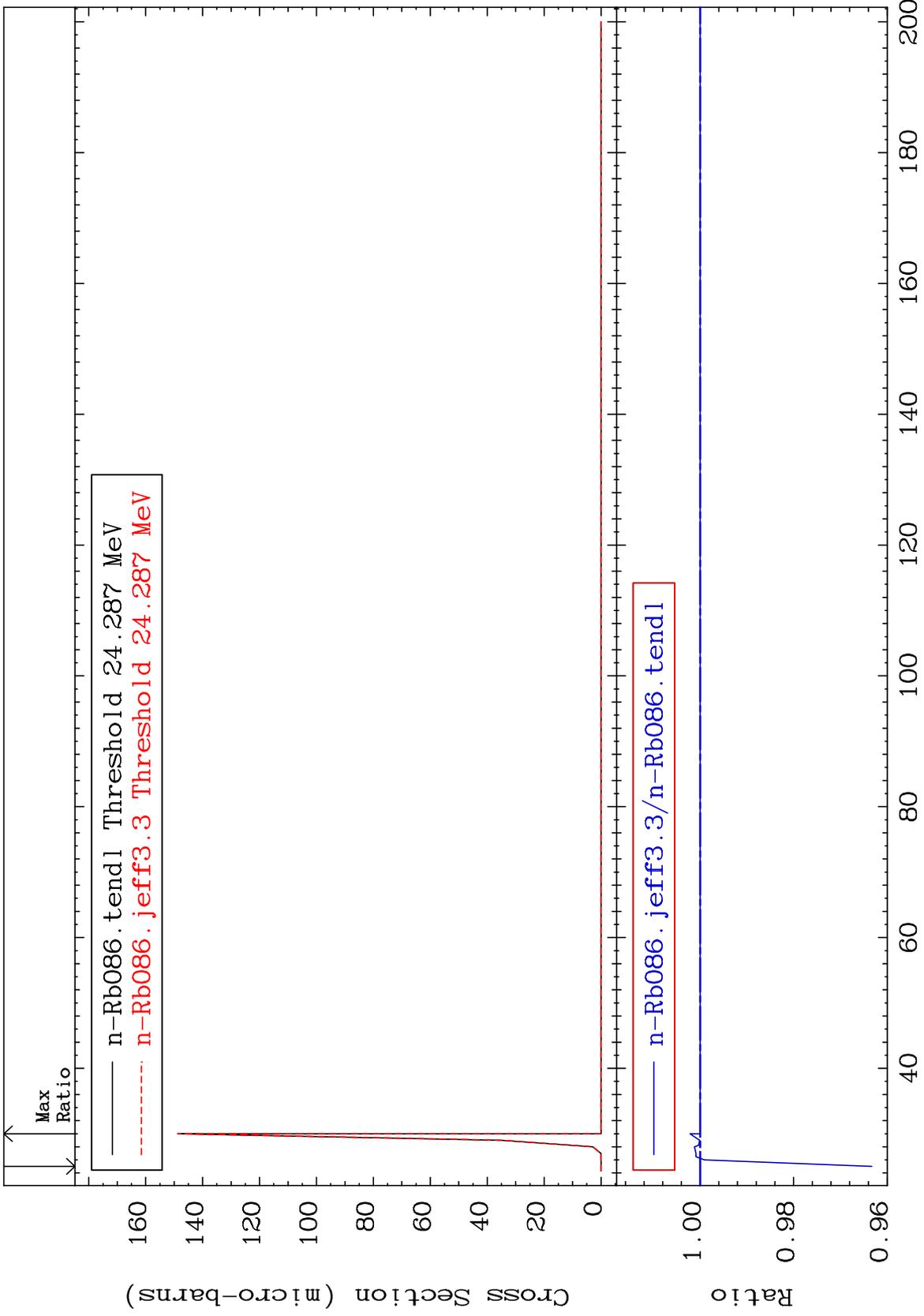








Radionuclide Production Cross Section -3.674 To 0.215 %

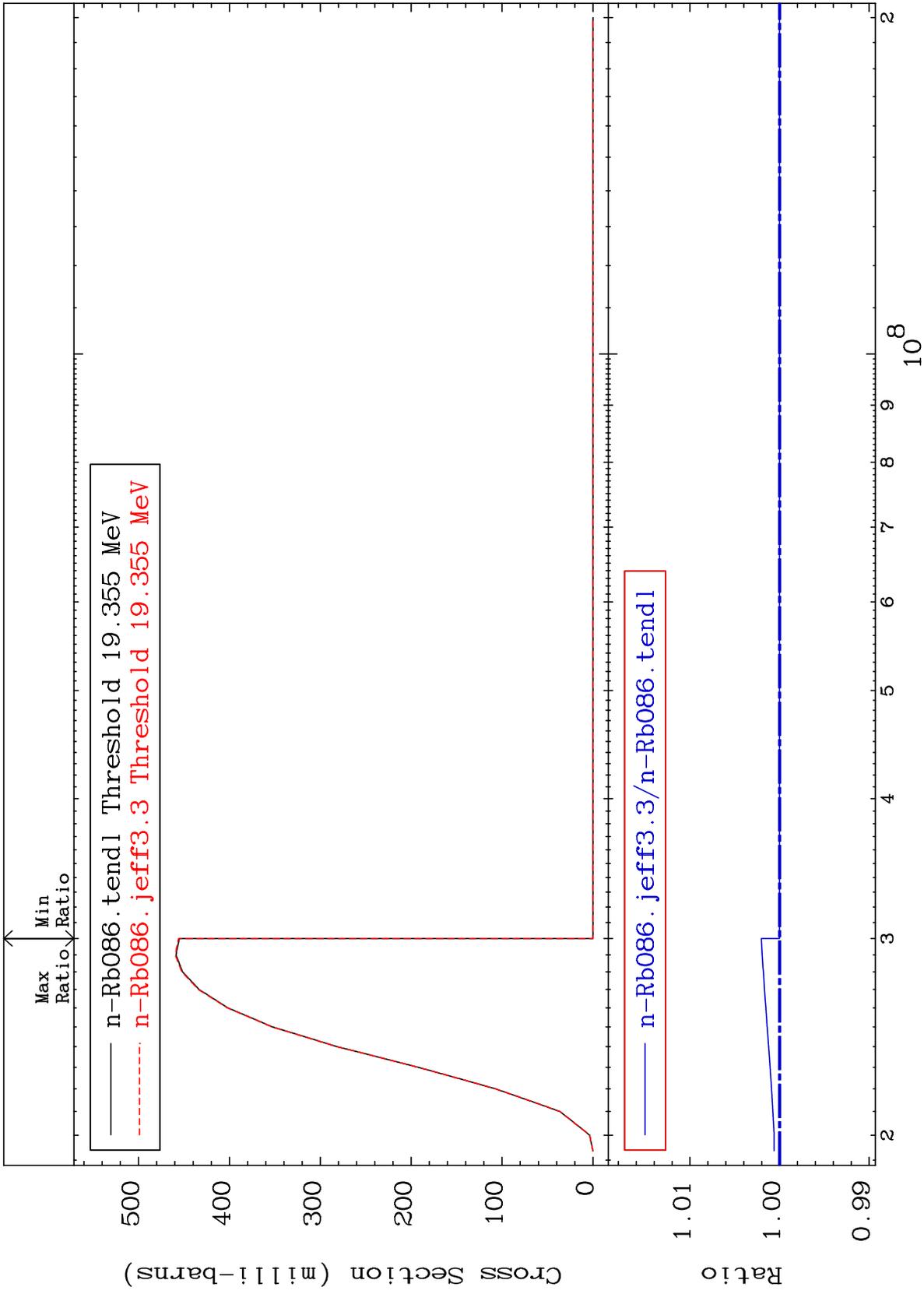


MAT 3728

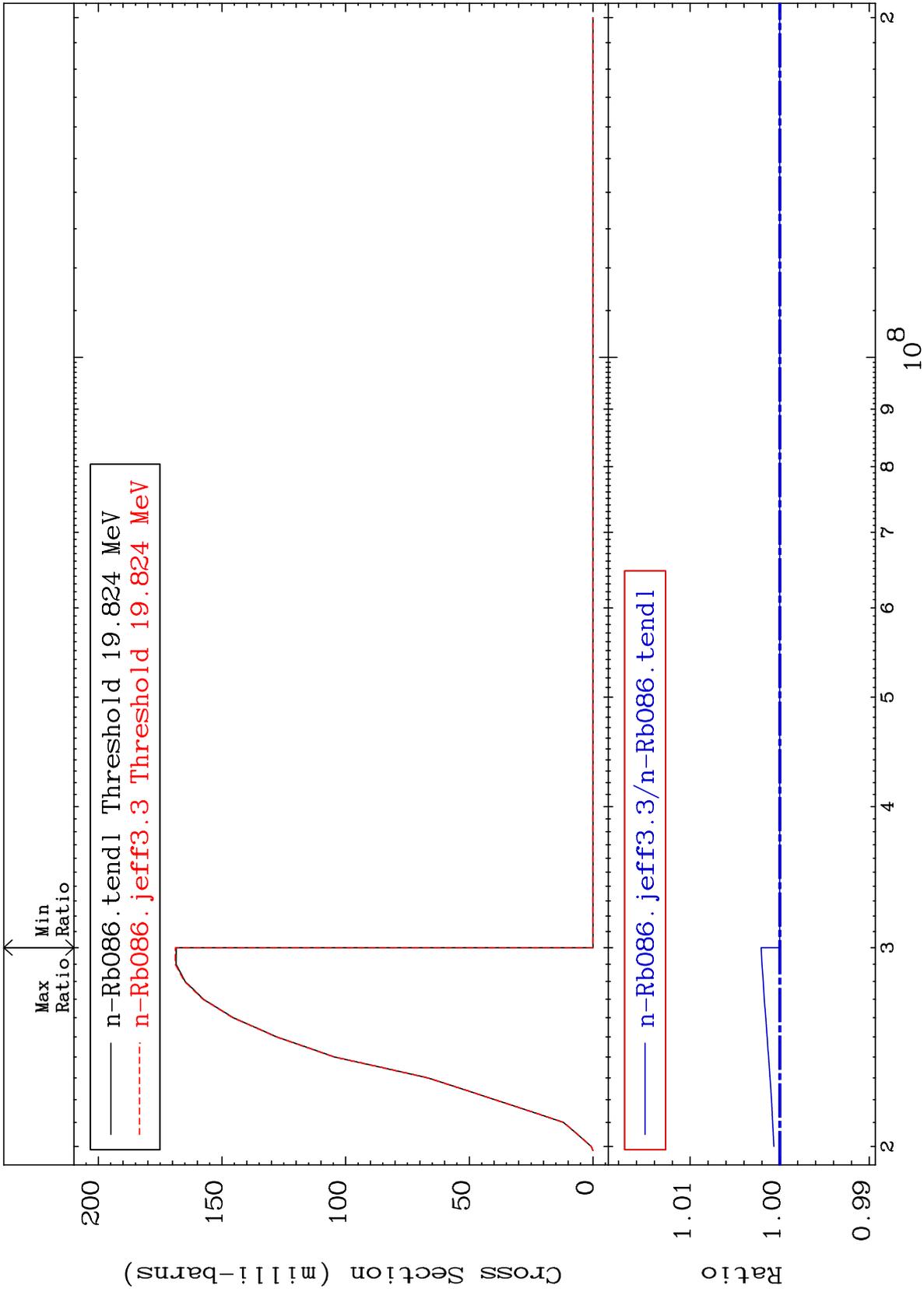
(n,3n):37-Rb-84g

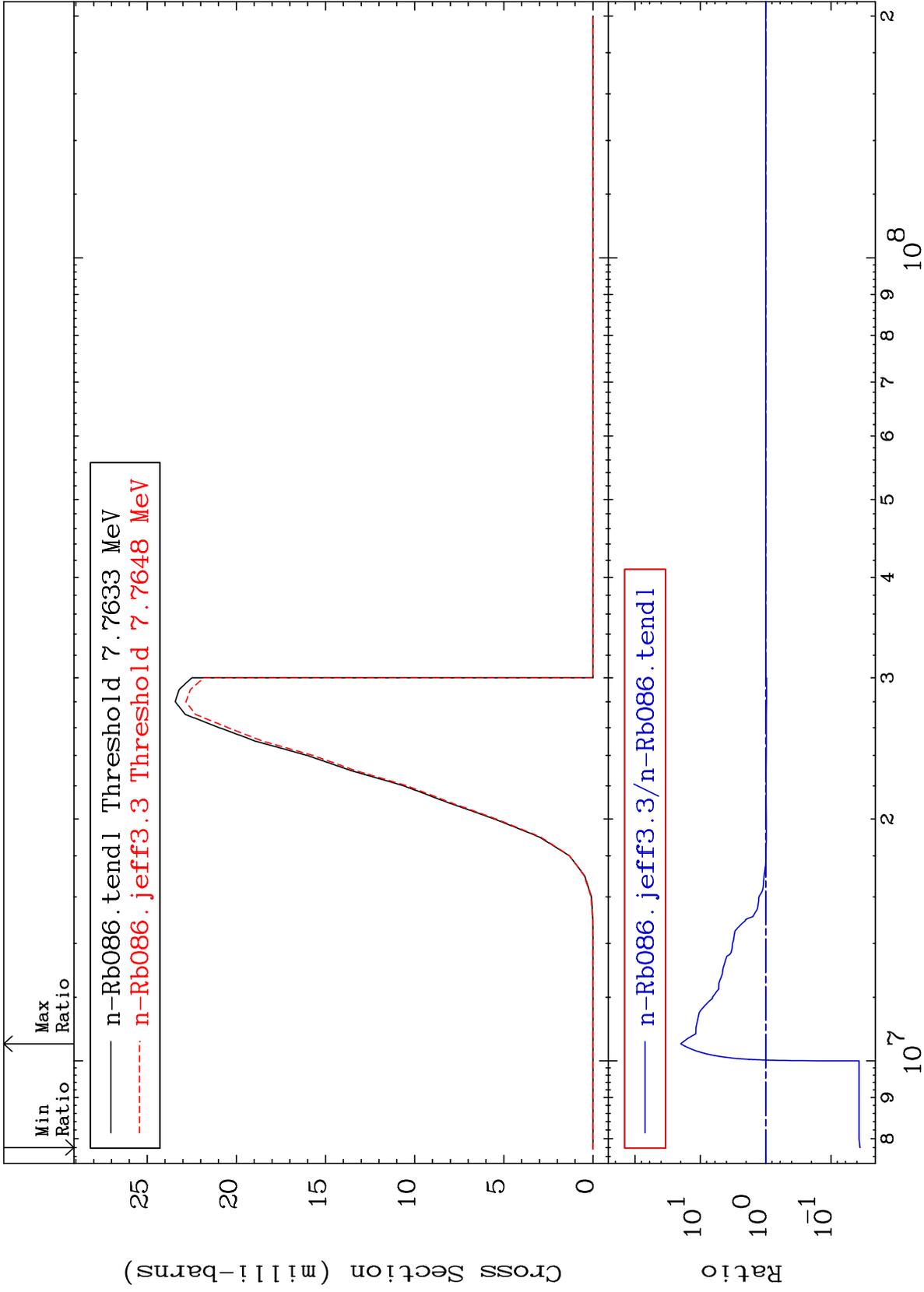
37-Rb-86

Radionuclide Production Cross Section 0.000 To 0.204 %

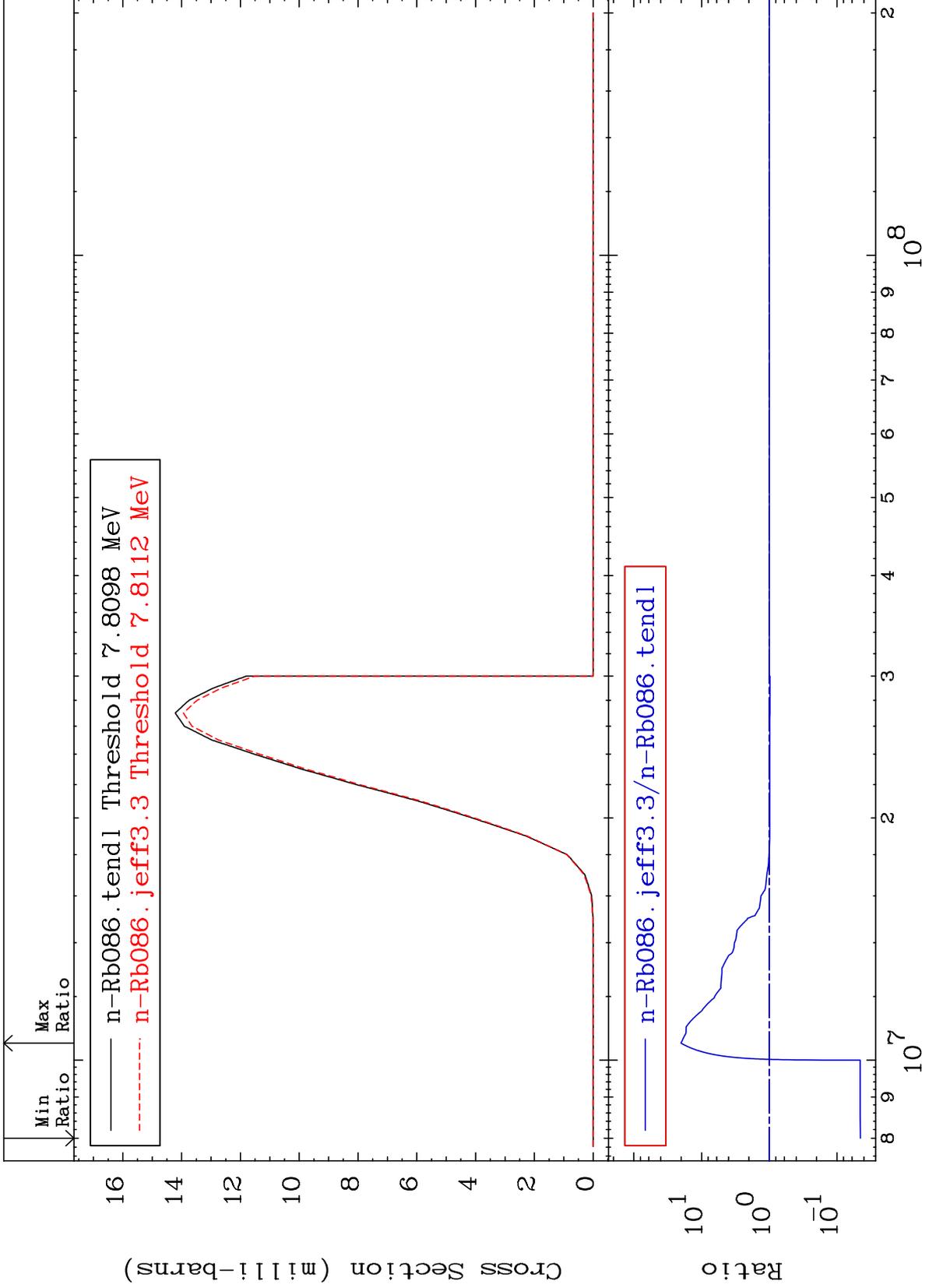


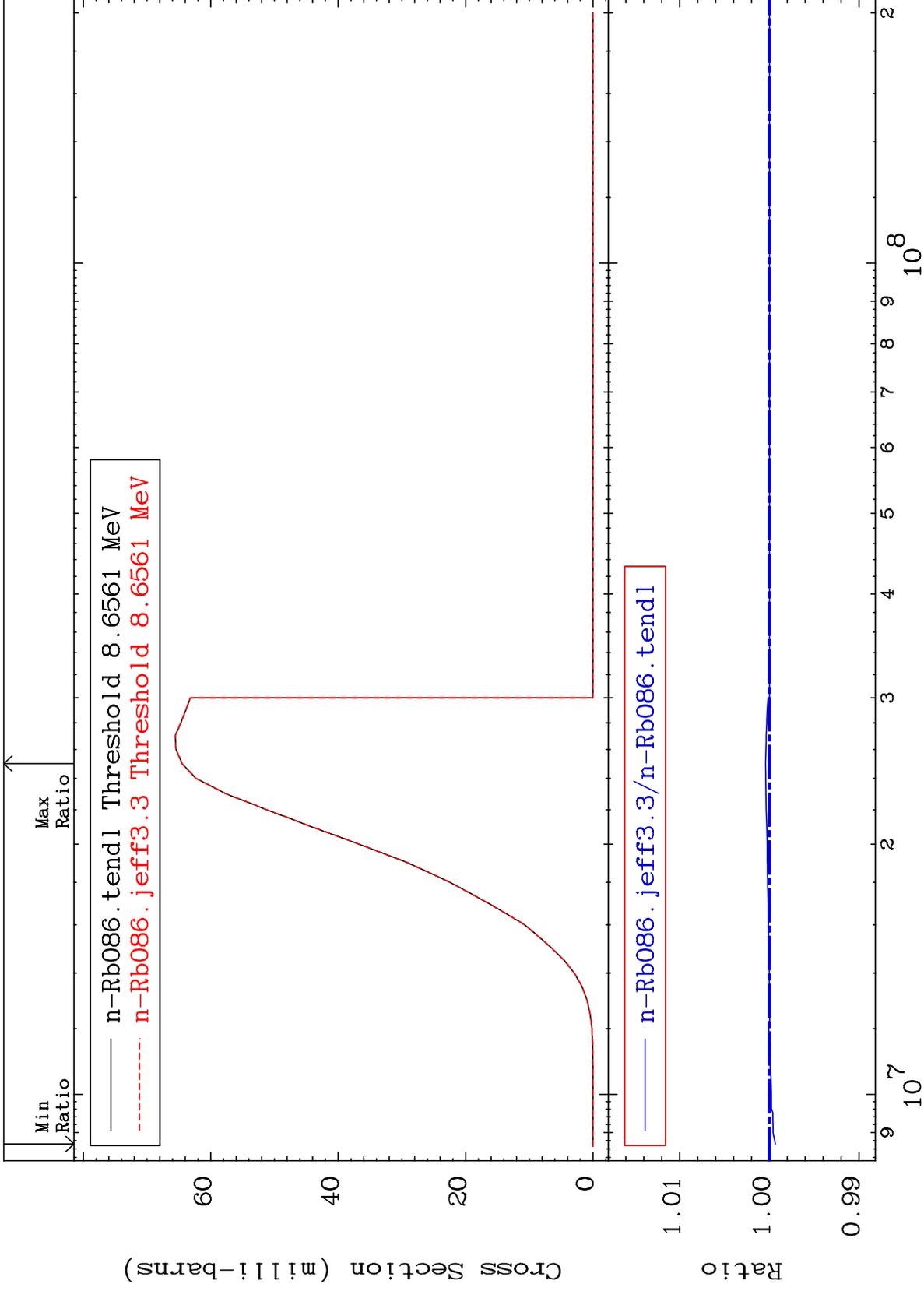
Radionuclide Production Cross Section 0.000 To 0.209 %



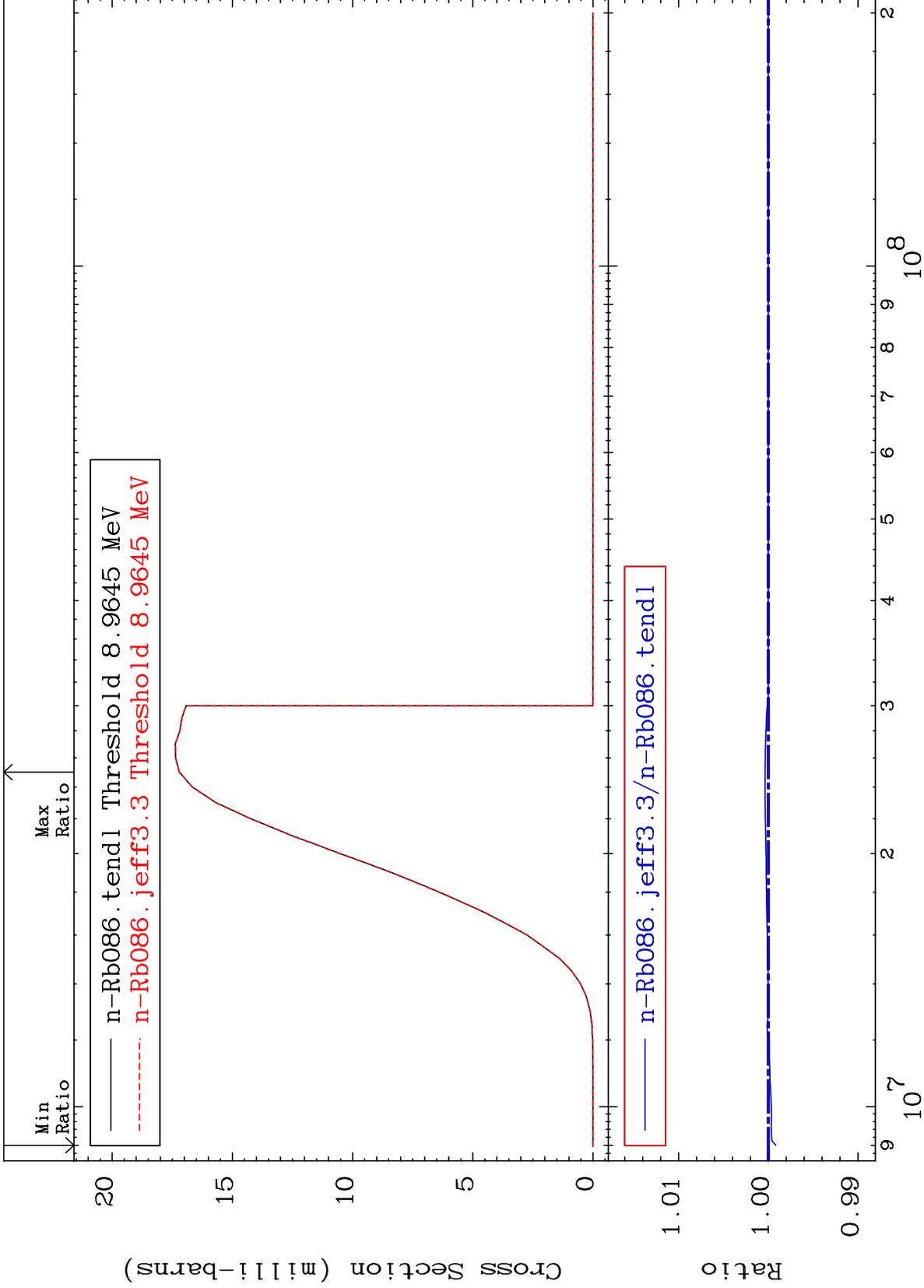


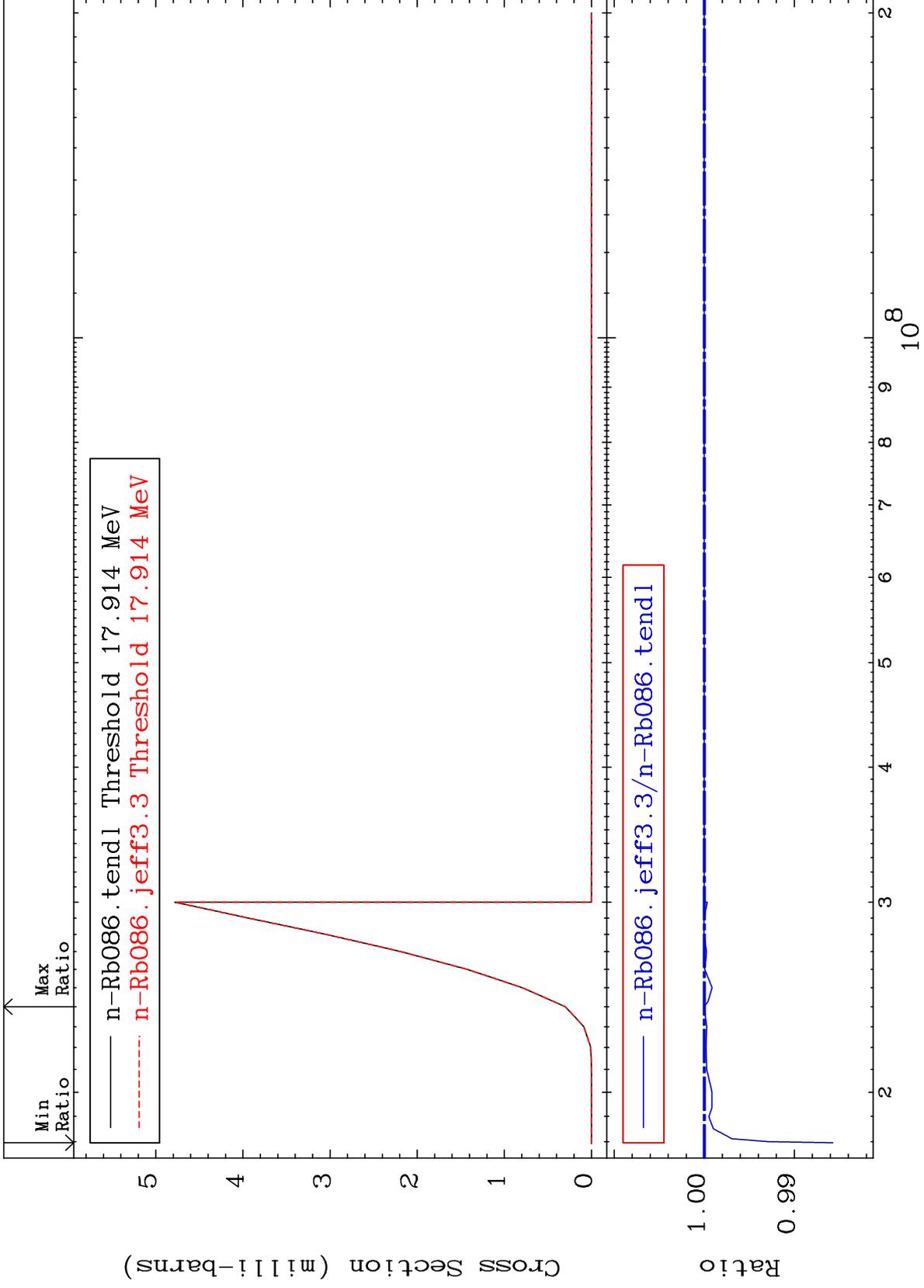
Radionuclide Production Cross Section -95.49 To 1911. %



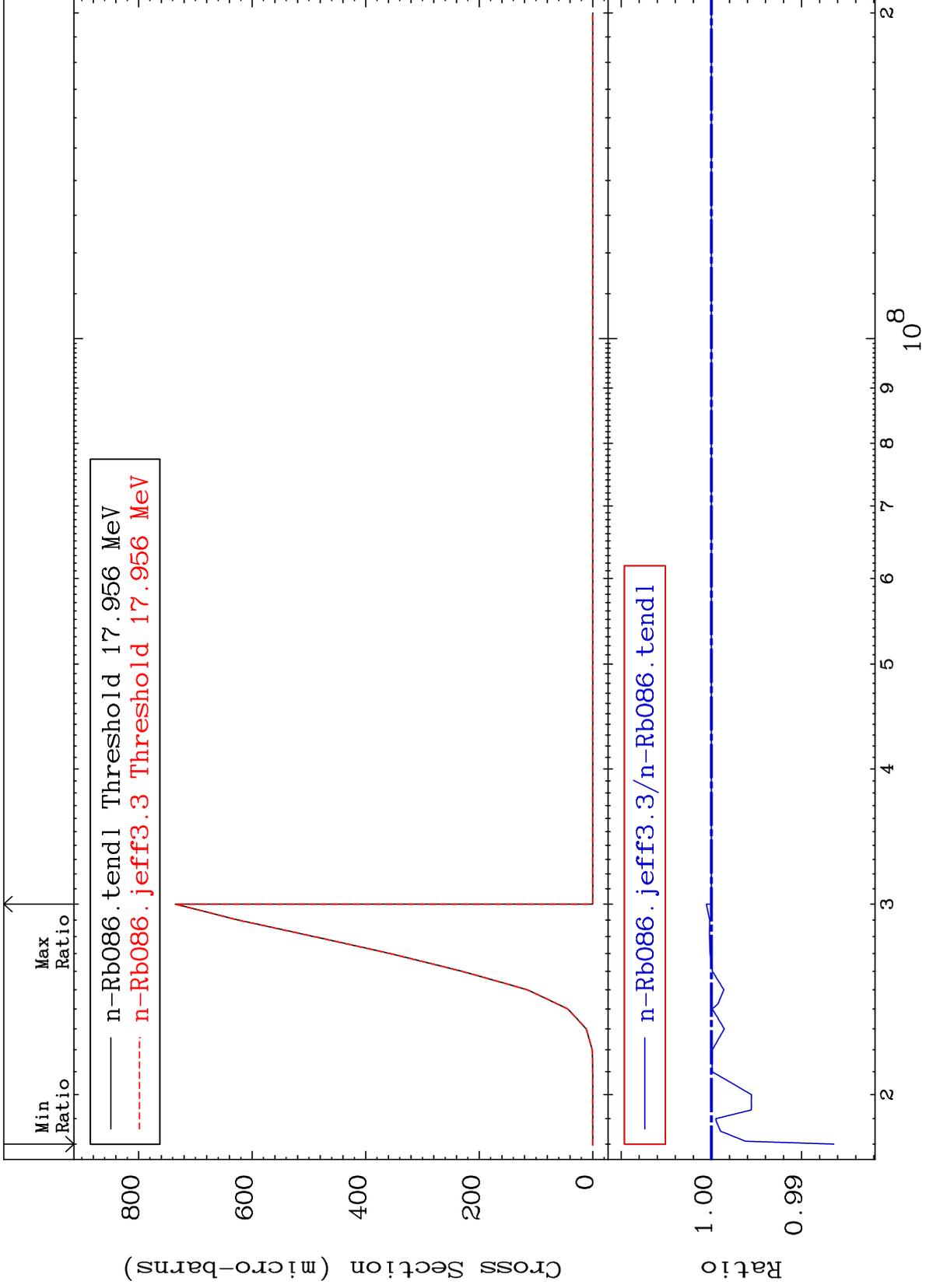


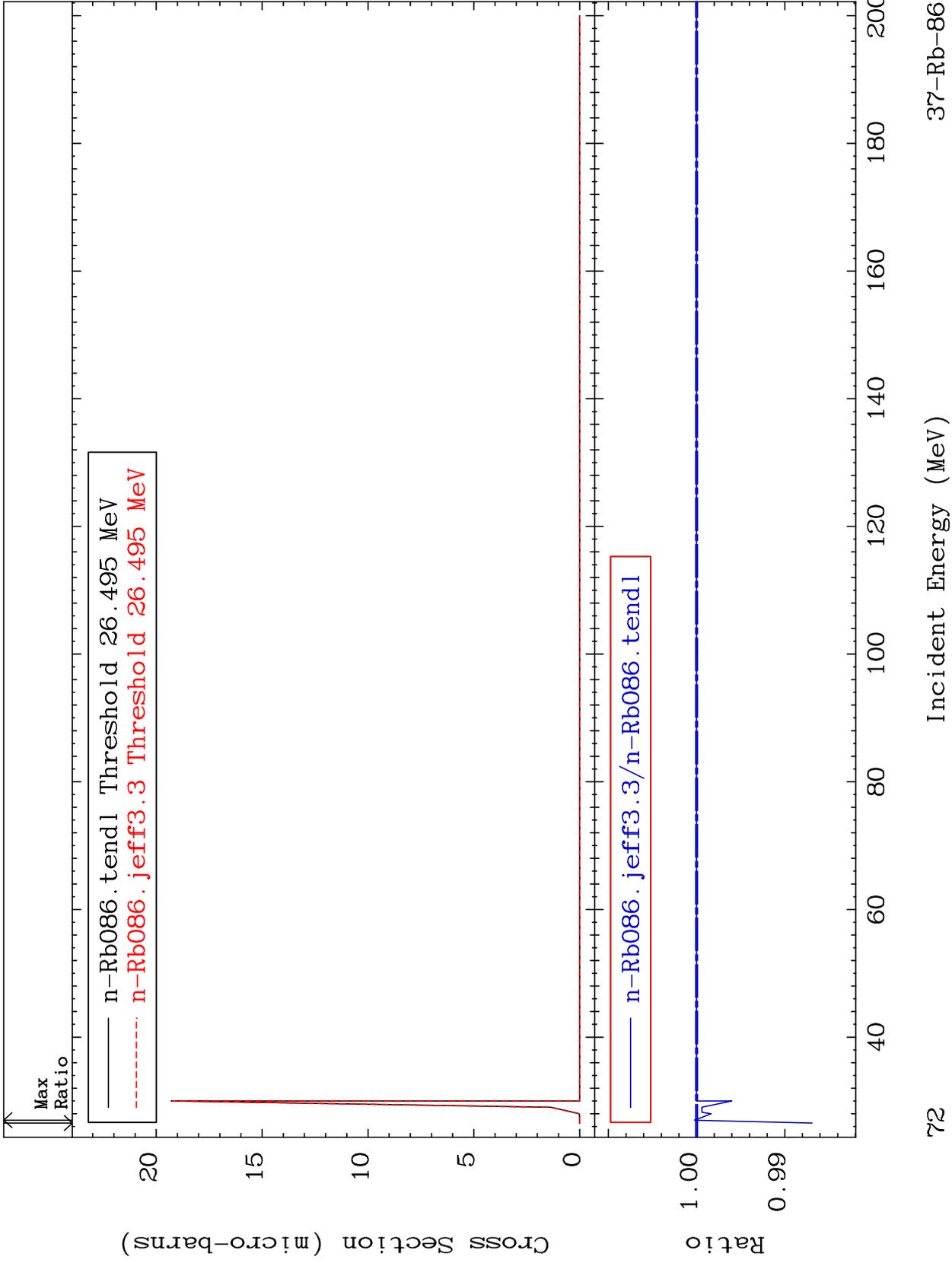
Radionuclide Production Cross Section -0.084 To 0.037 %



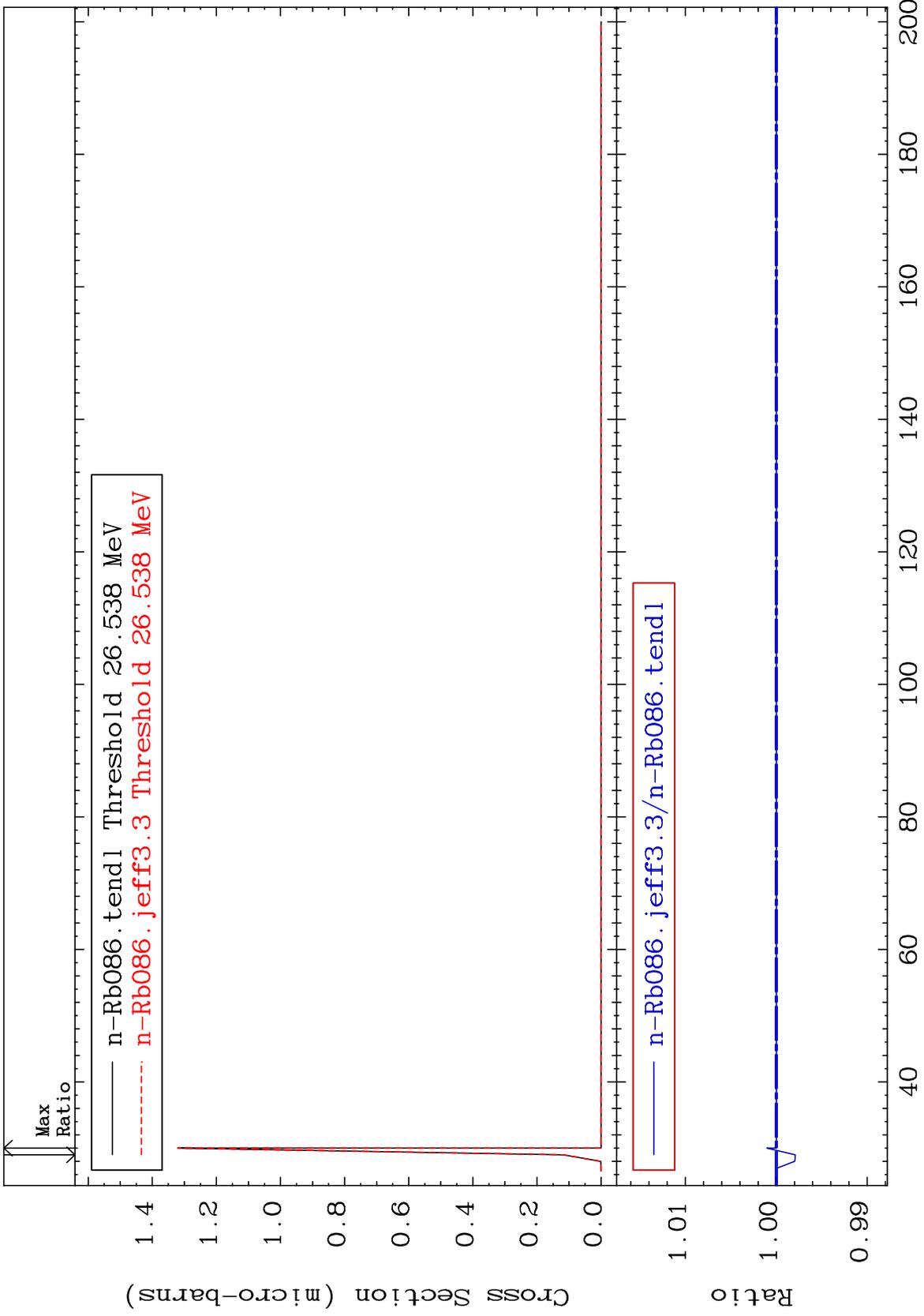


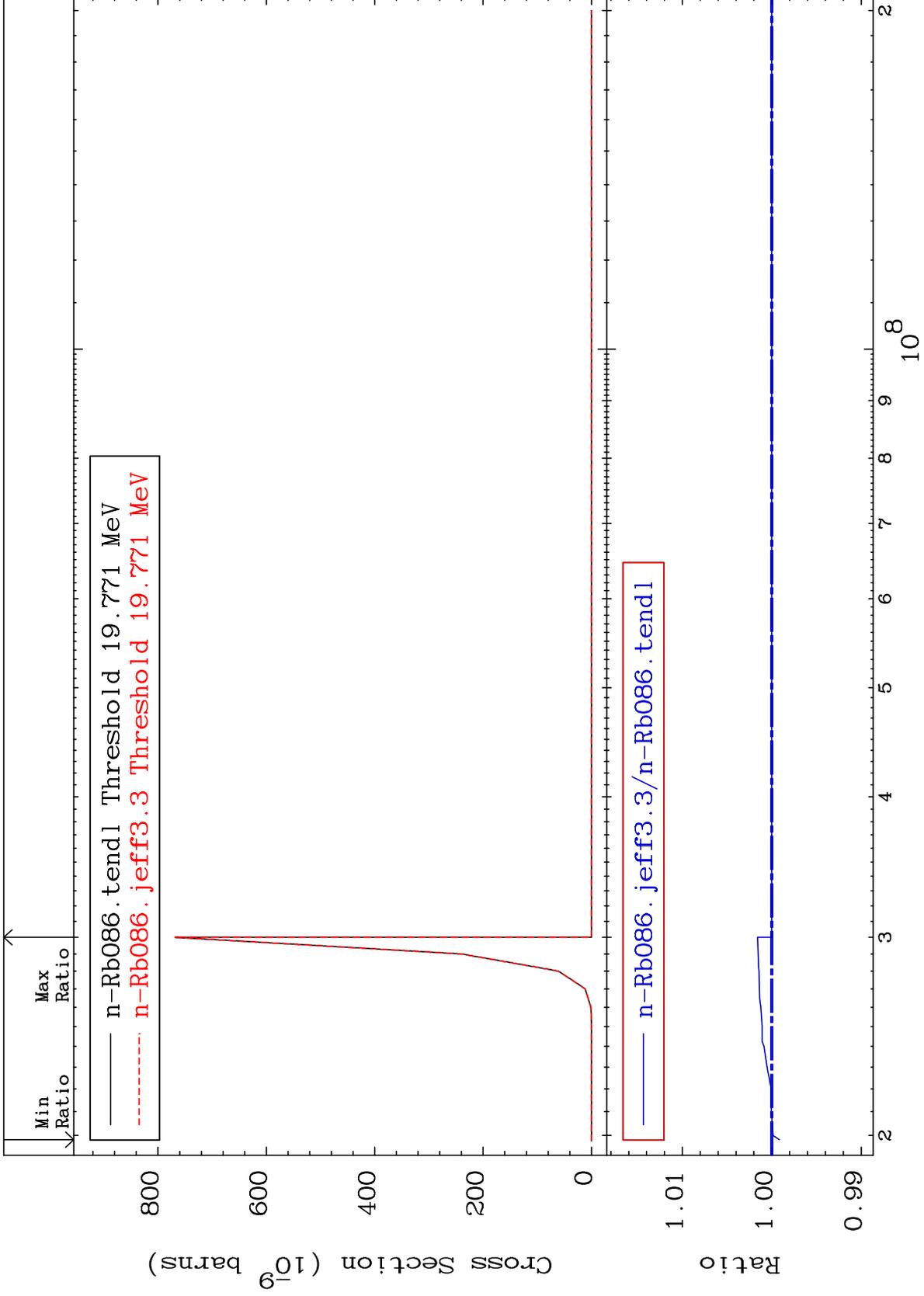
Radionuclide Production Cross Section -1.357 To 0.055 %





Radionuclide Production Cross Section -0.207 To 0.105 %



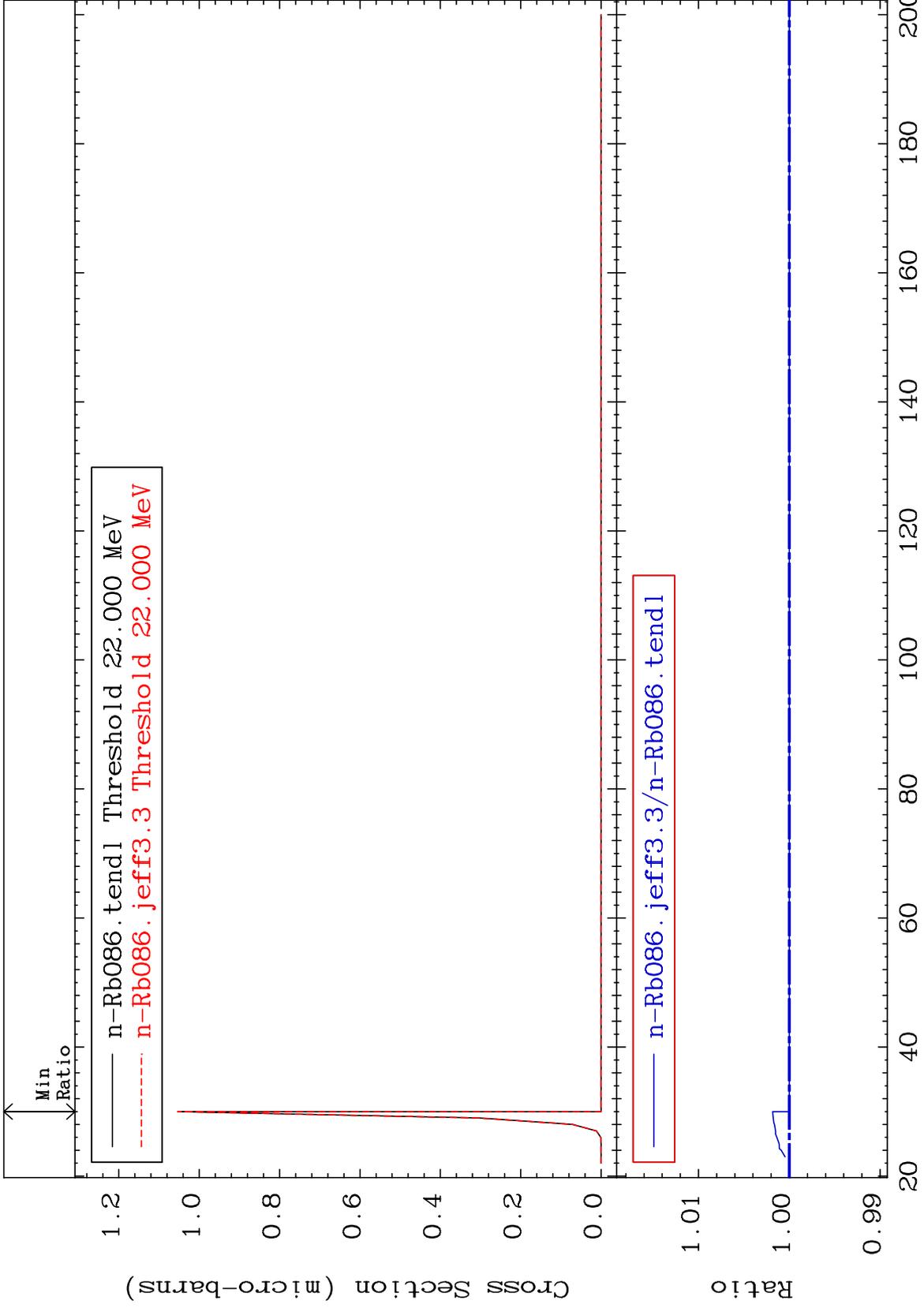


MAT 3728

(n,2n) p:35-Br-84m1

37-Rb-86

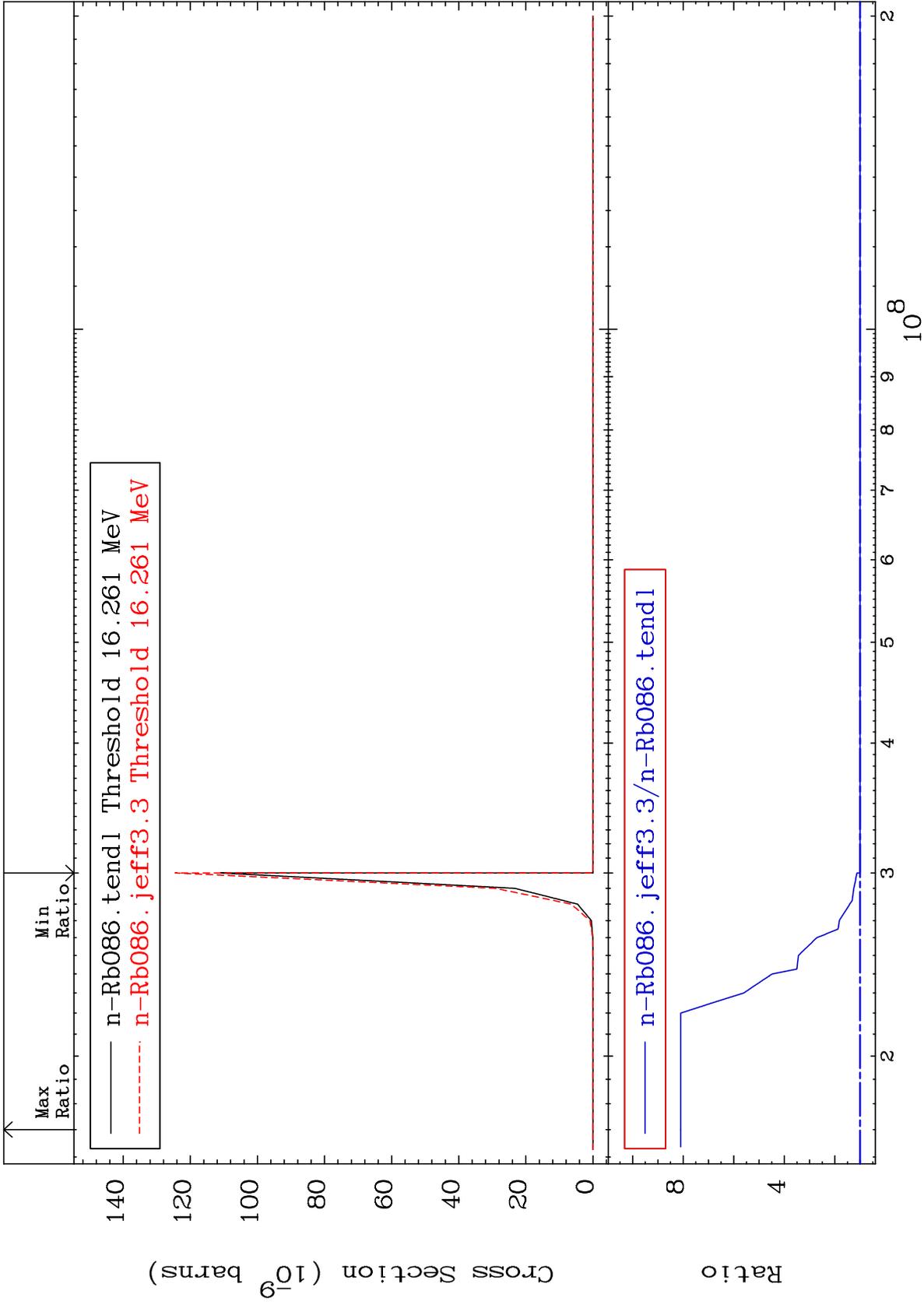
Radionuclide Production Cross Section 0.000 To 0.183 %



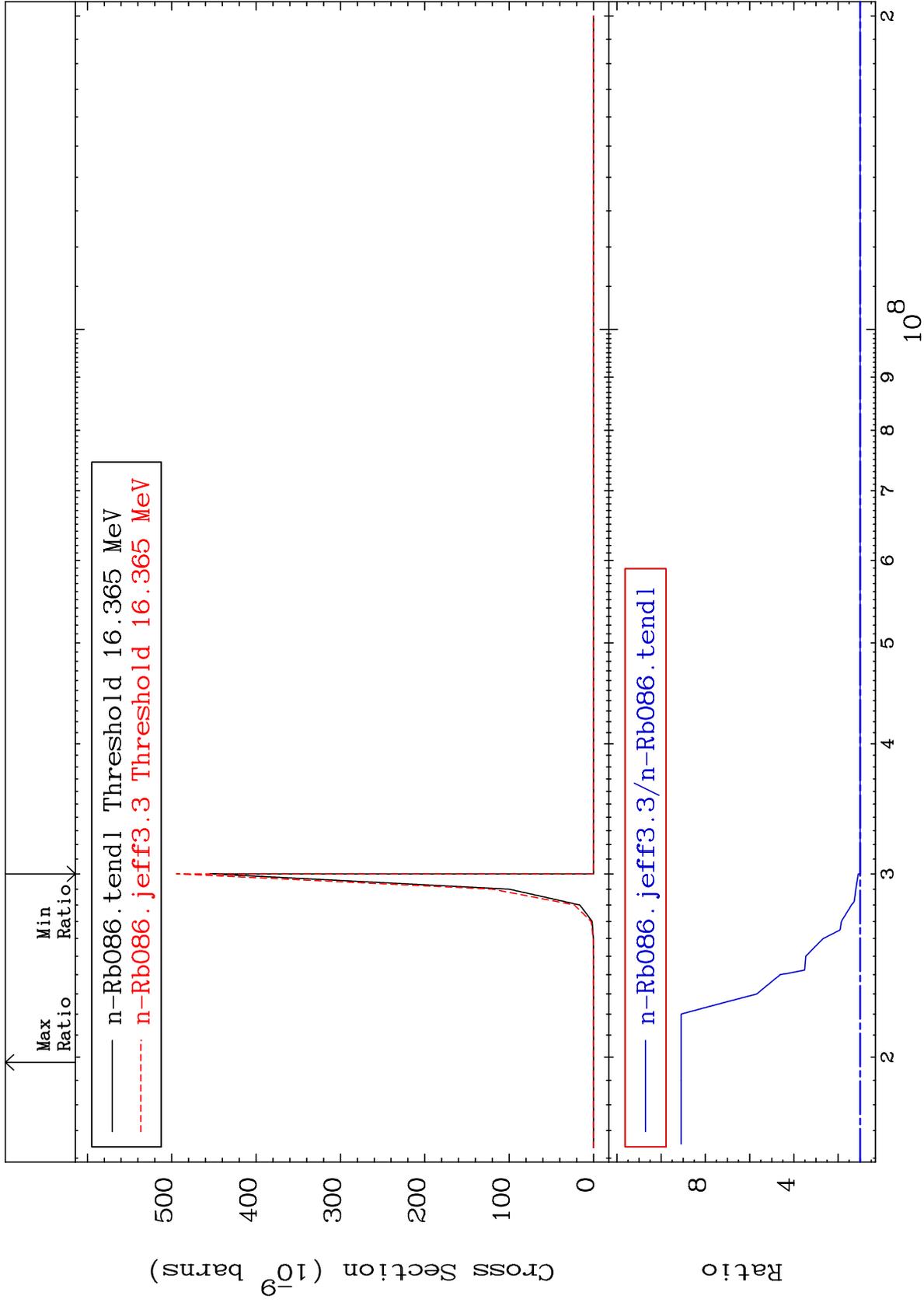
75

Incident Energy (MeV)

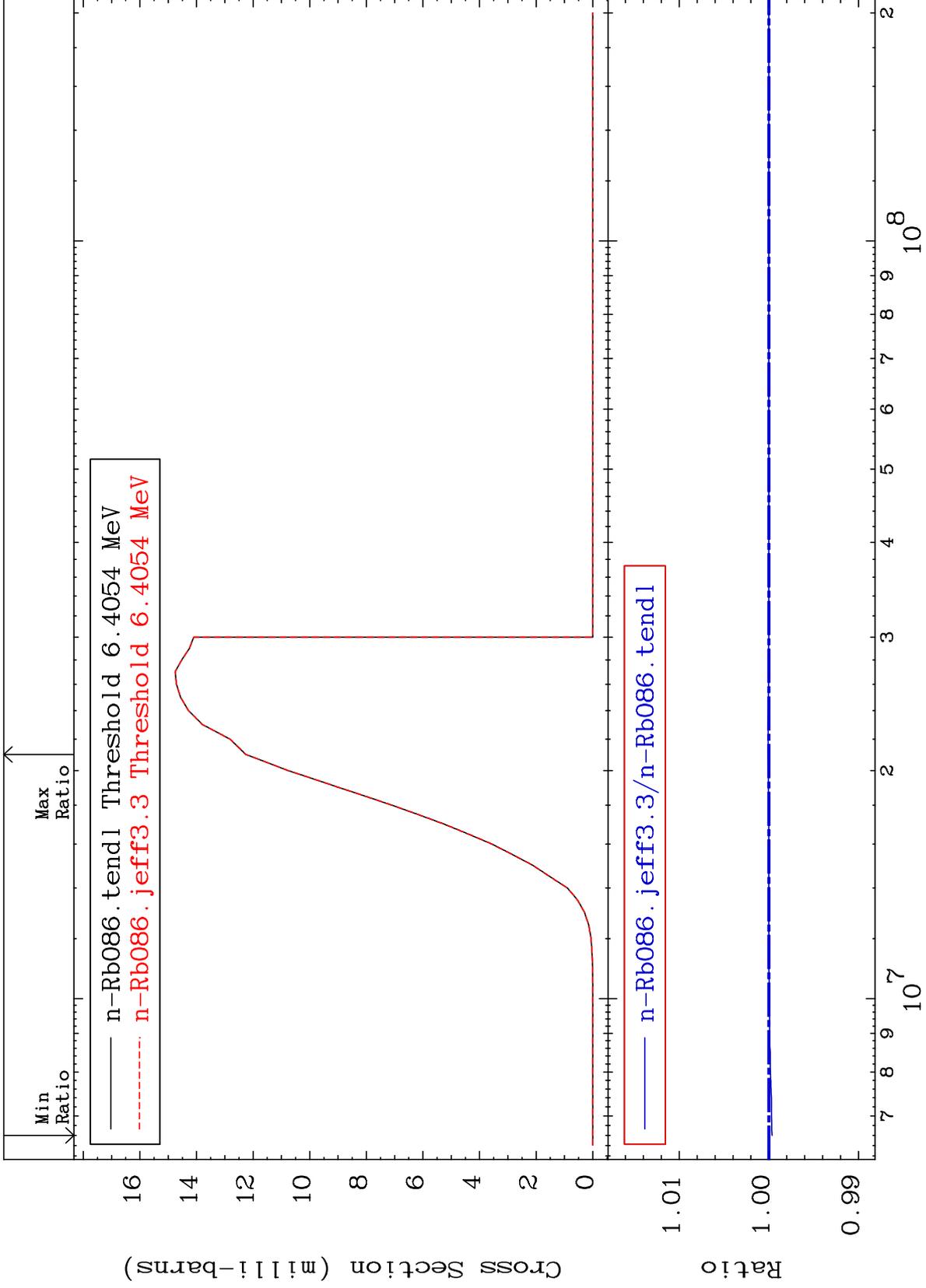
37-Rb-86



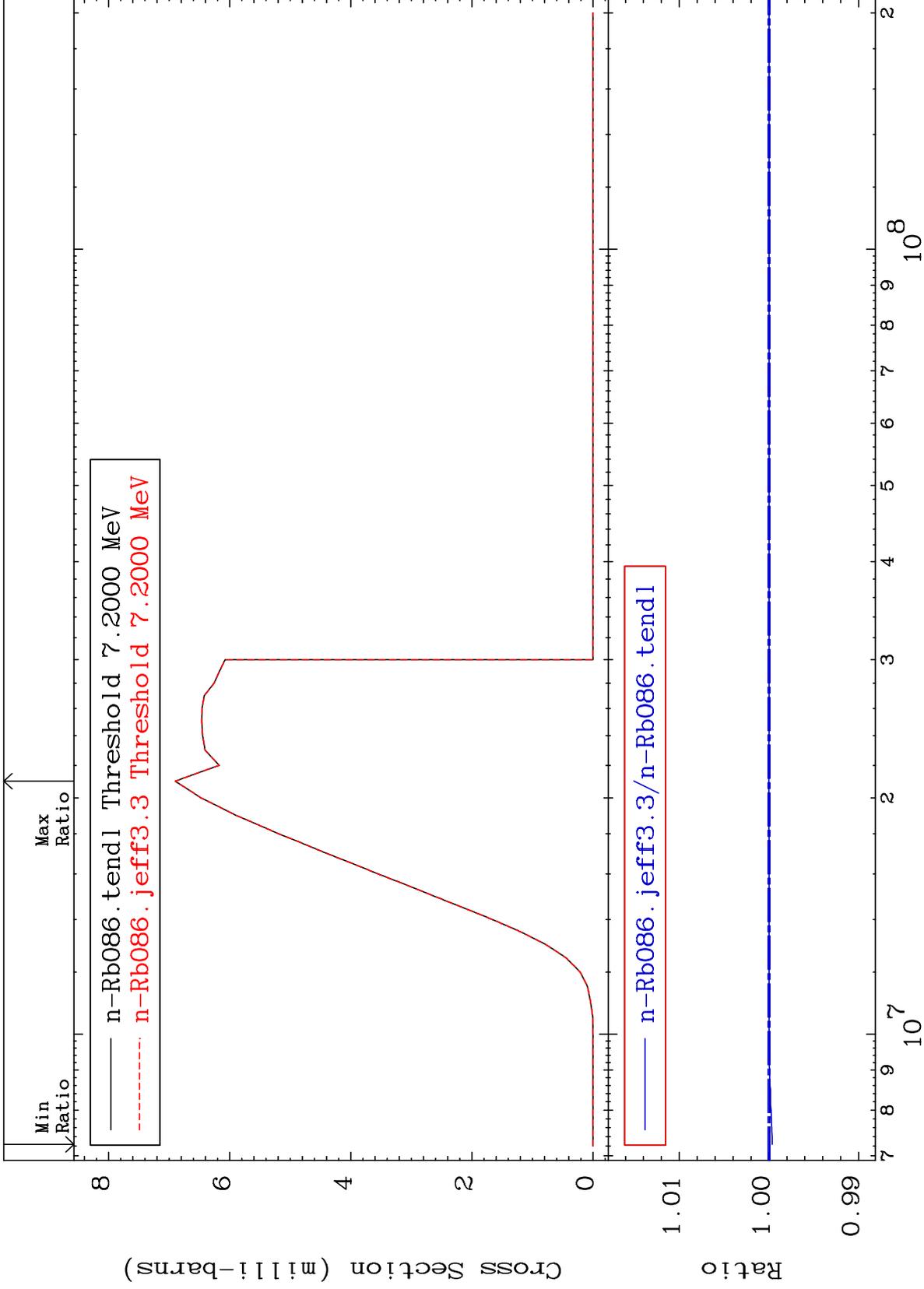
Radionuclide Production Cross Section 0.000 To 809.4 %



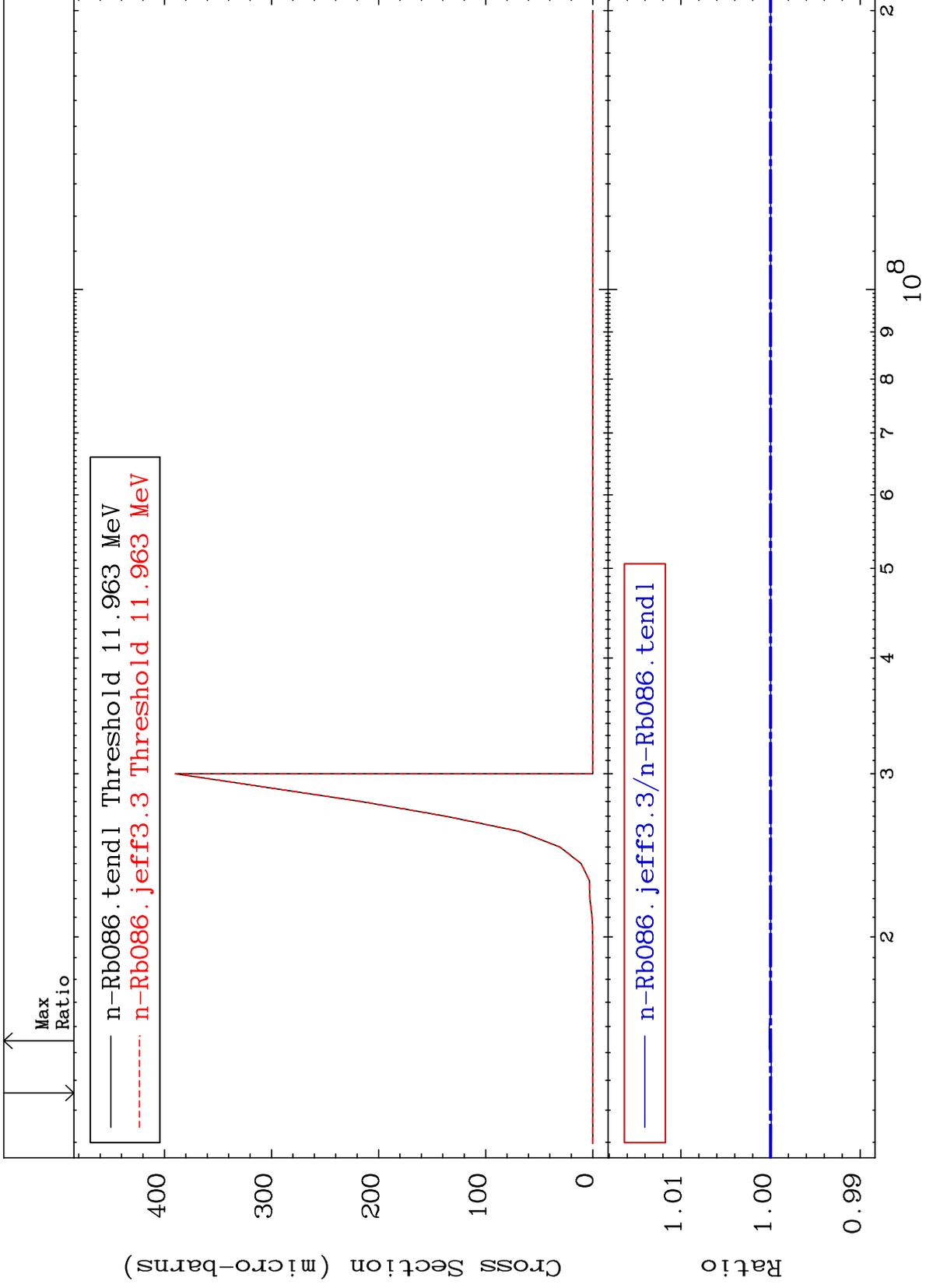
(n, d):36-Kr-85g  
Radionuclide Production Cross Section -0.037 To 0.007 %

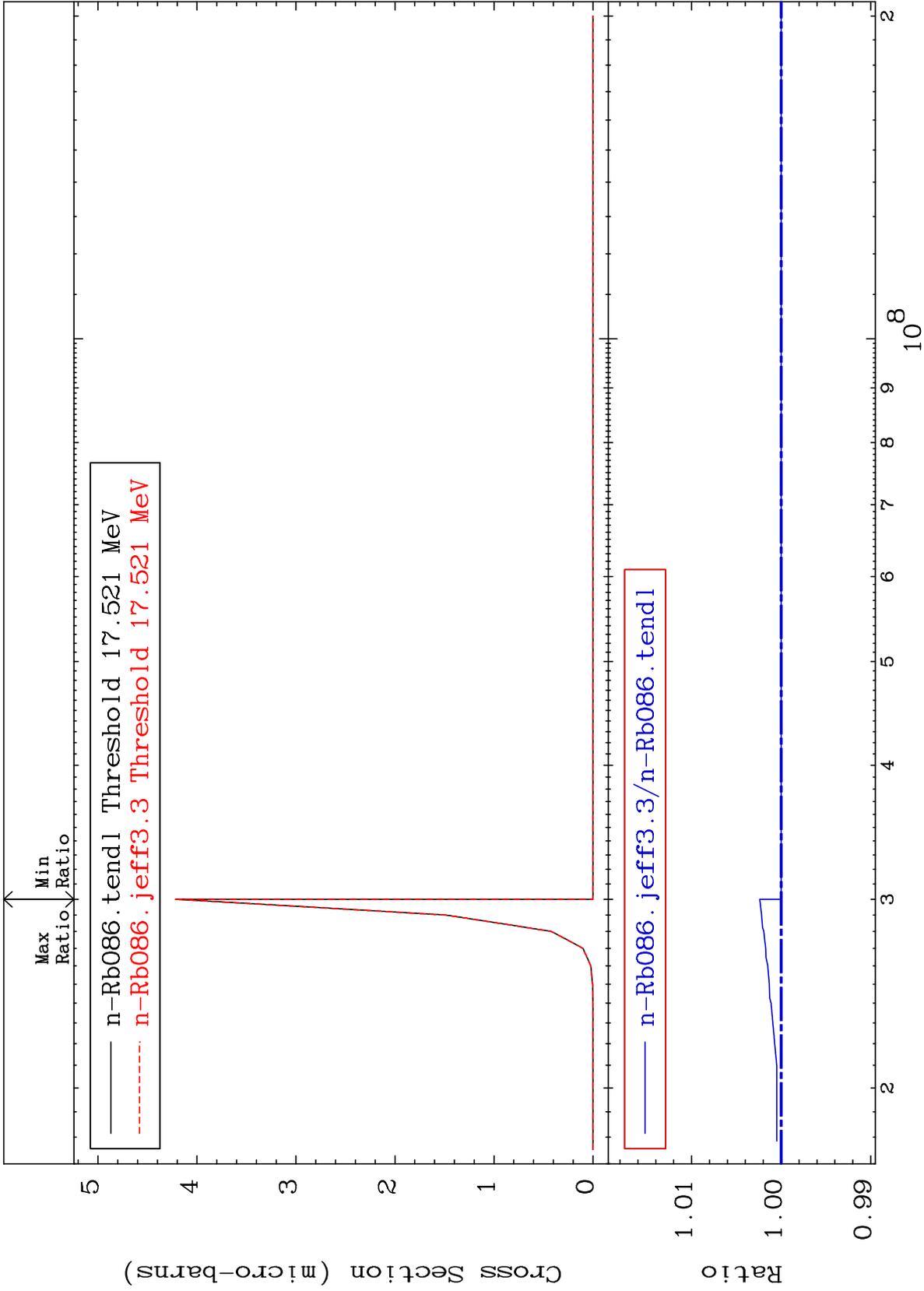


Radionuclide Production Cross Section -0.035 To 0.002 %

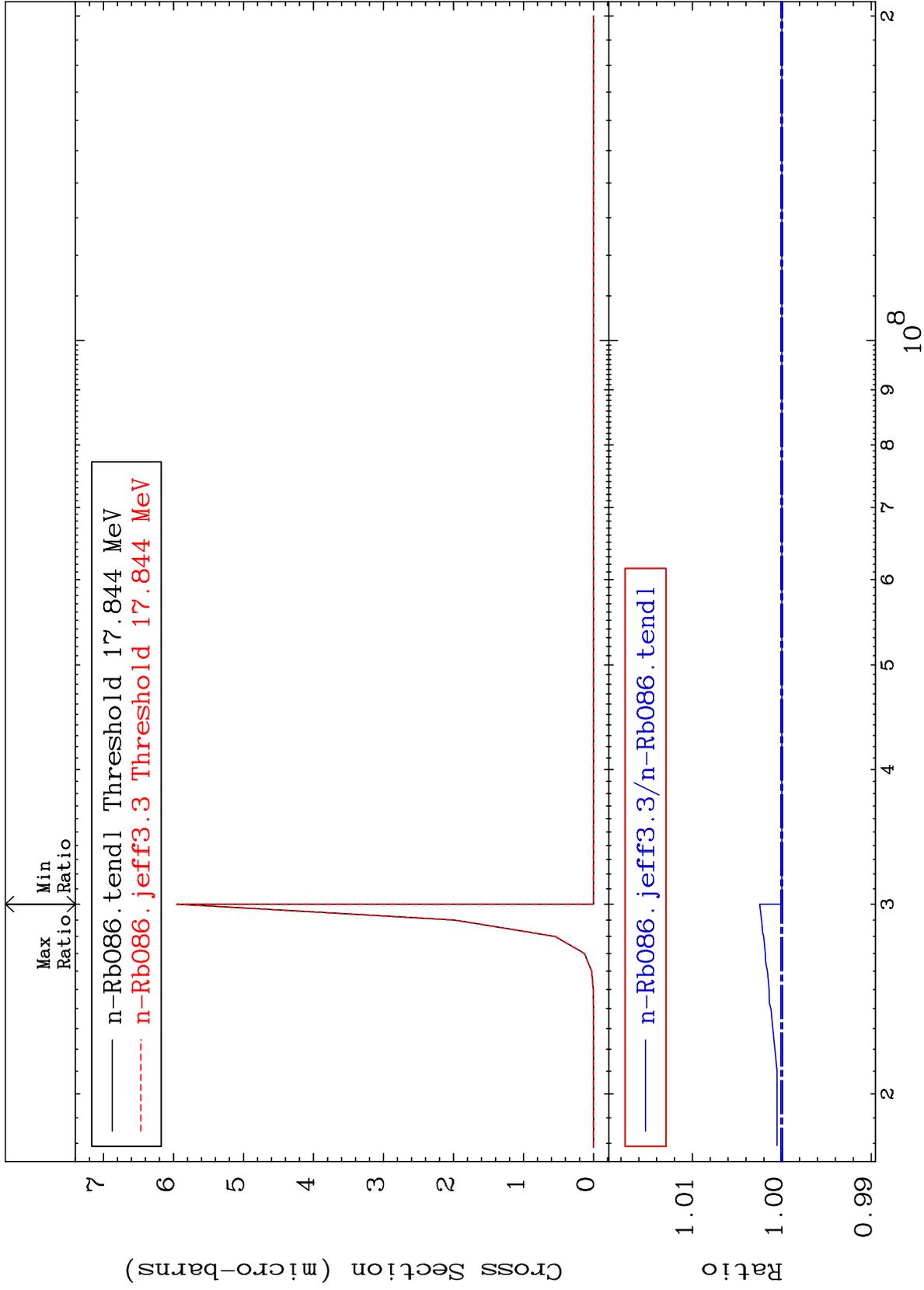


Radionuclide Production Cross Section -0.007 To 0.016 %

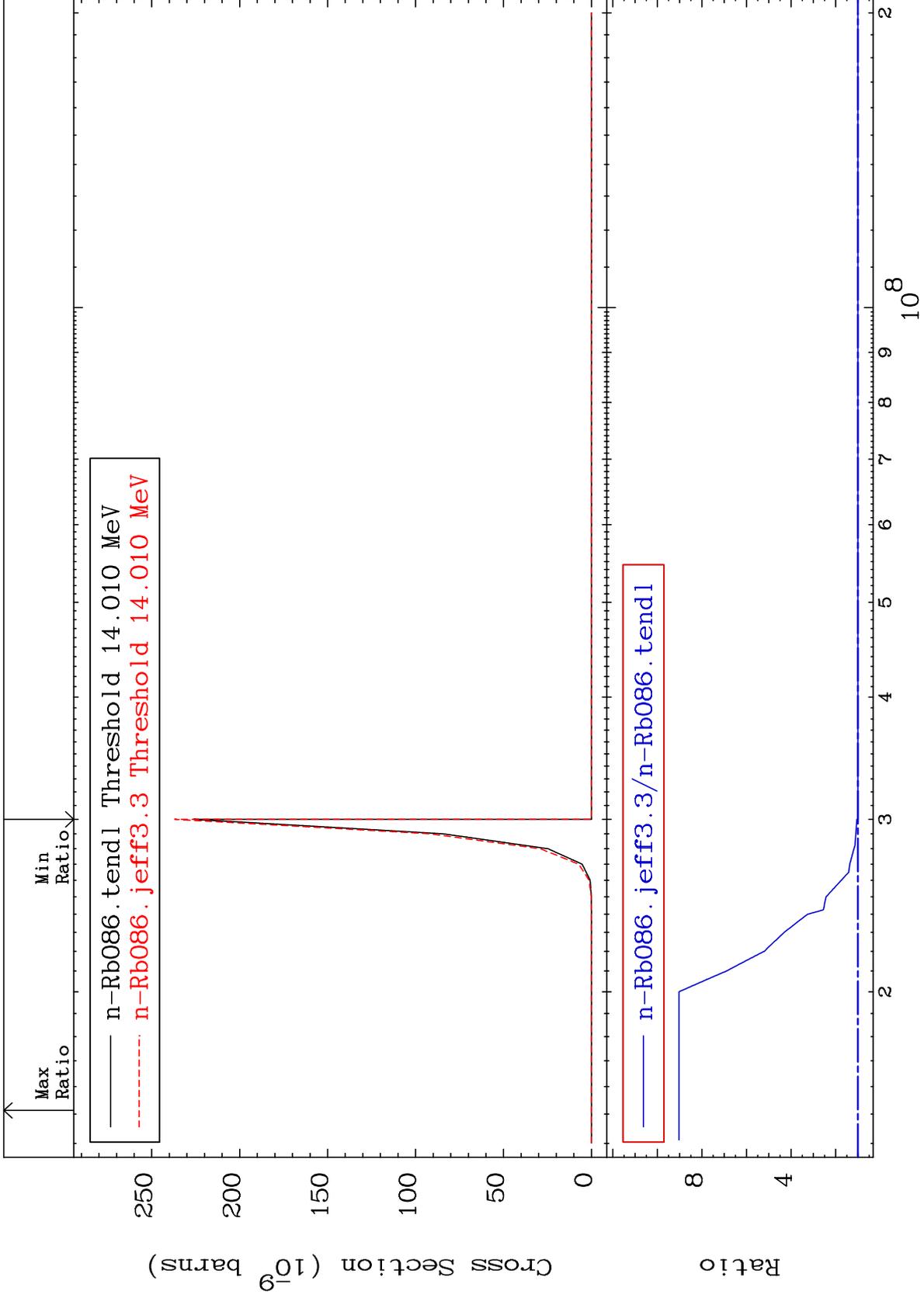




Radionuclide Production Cross Section 0.000 To 0.248 %



Radionuclide Production Cross Section 0.000 To 802.8 %



Radionuclide Production Cross Section 0.000 To 910.3 %

