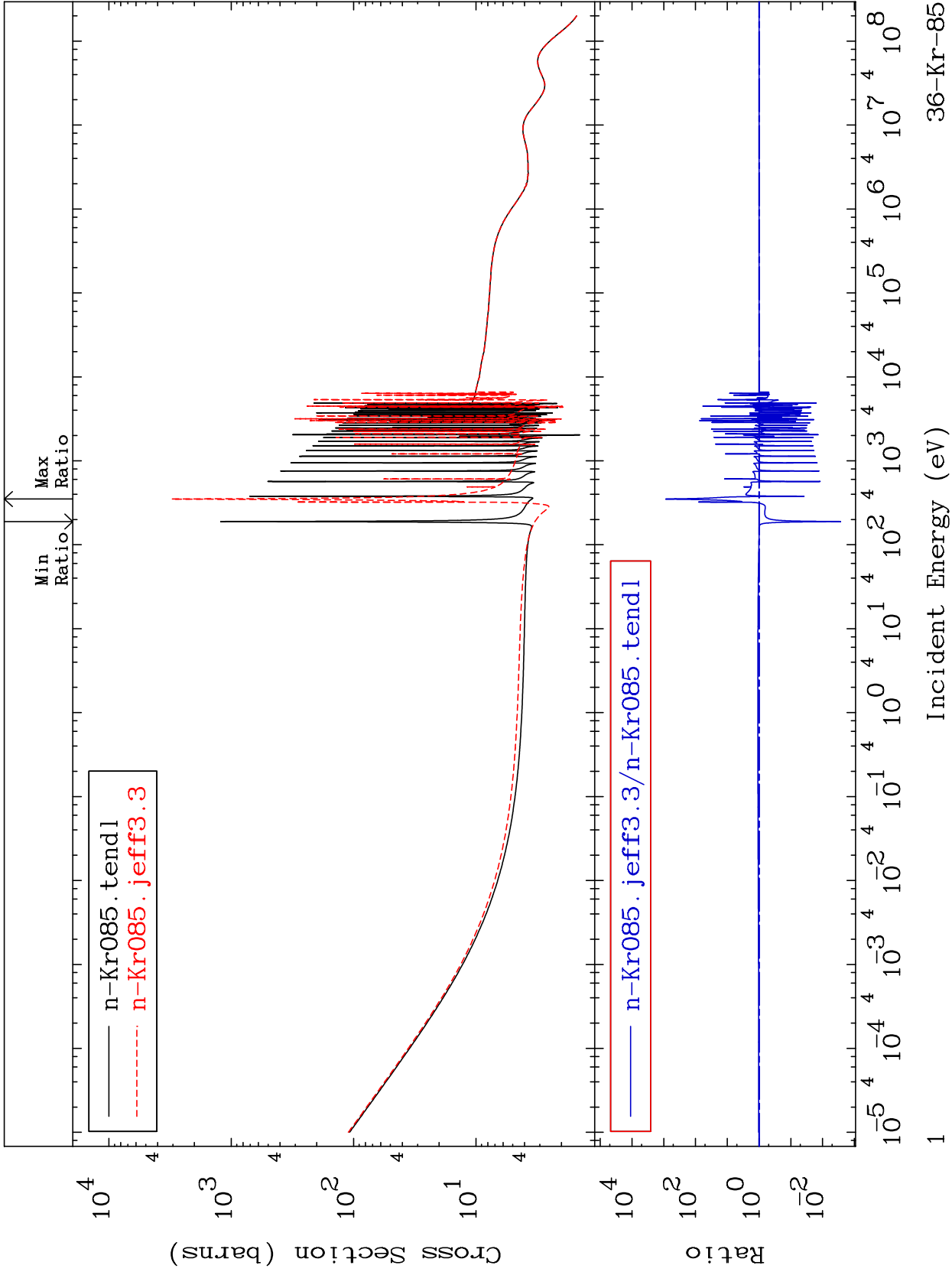


MAT 3646

Total Cross Section  
36-Kr-85  
-99.73 To 9999. %

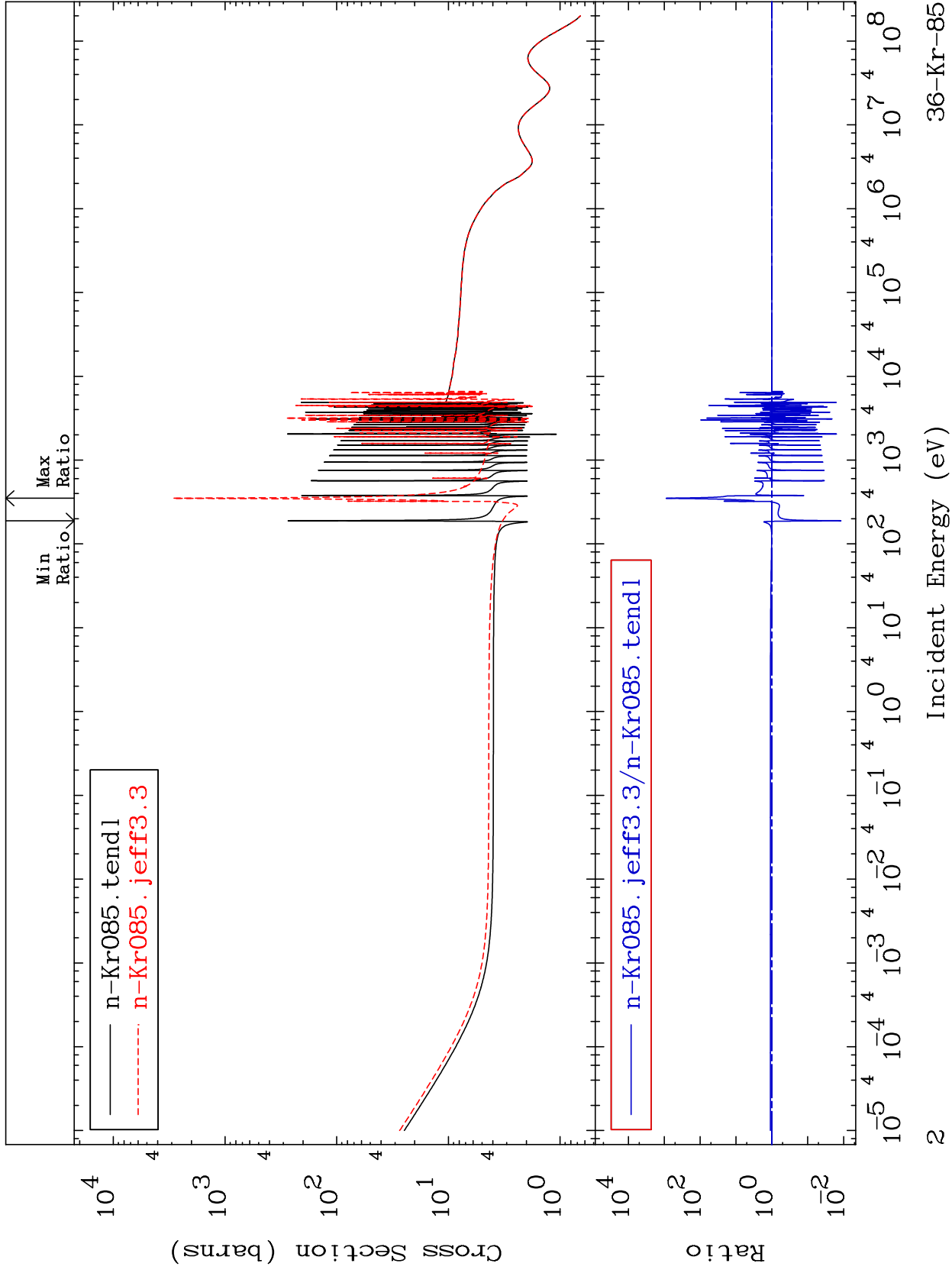


36-Kr-85

MAT 3646

Elastic  
Cross Section

36-Kr-85  
-98.81 To 9999. %



2

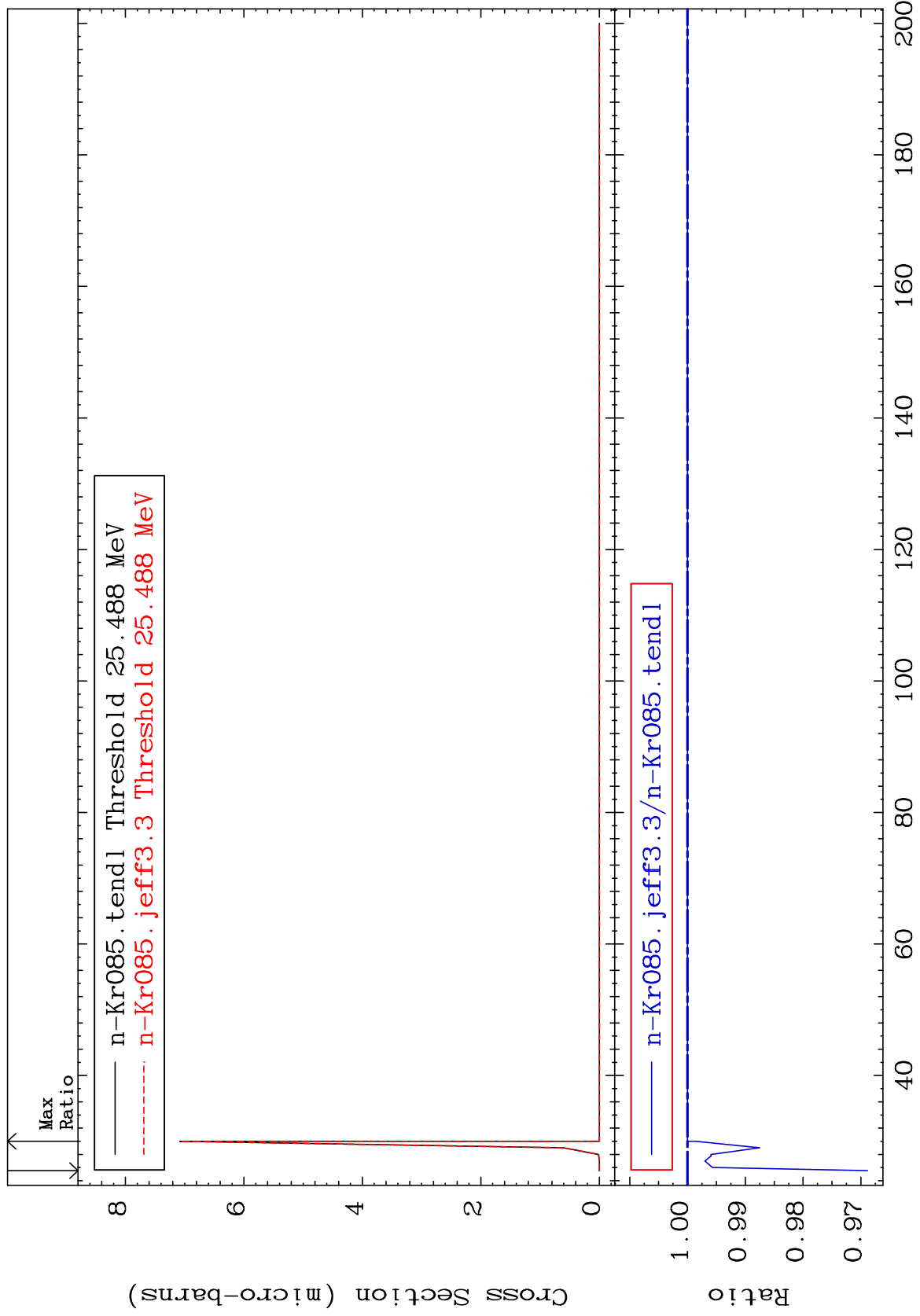
Incident Energy (eV)

36-Kr-85

MAT 3646

(n,2n) d  
Cross Section

<sup>36</sup>Kr-85  
-3.116 To 0.000 %

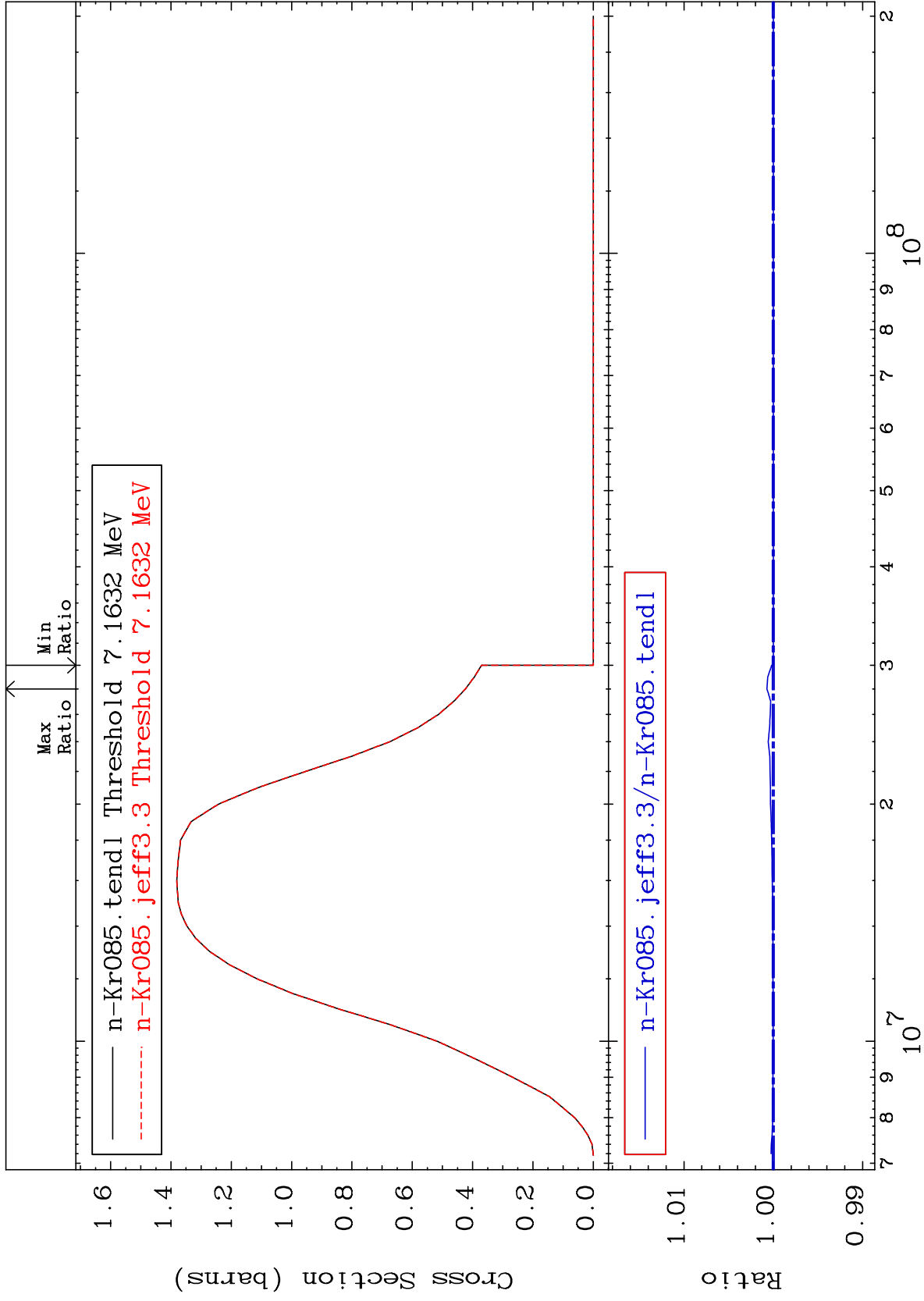


MAT 3646

(n,2n)

<sup>36</sup>Kr-85

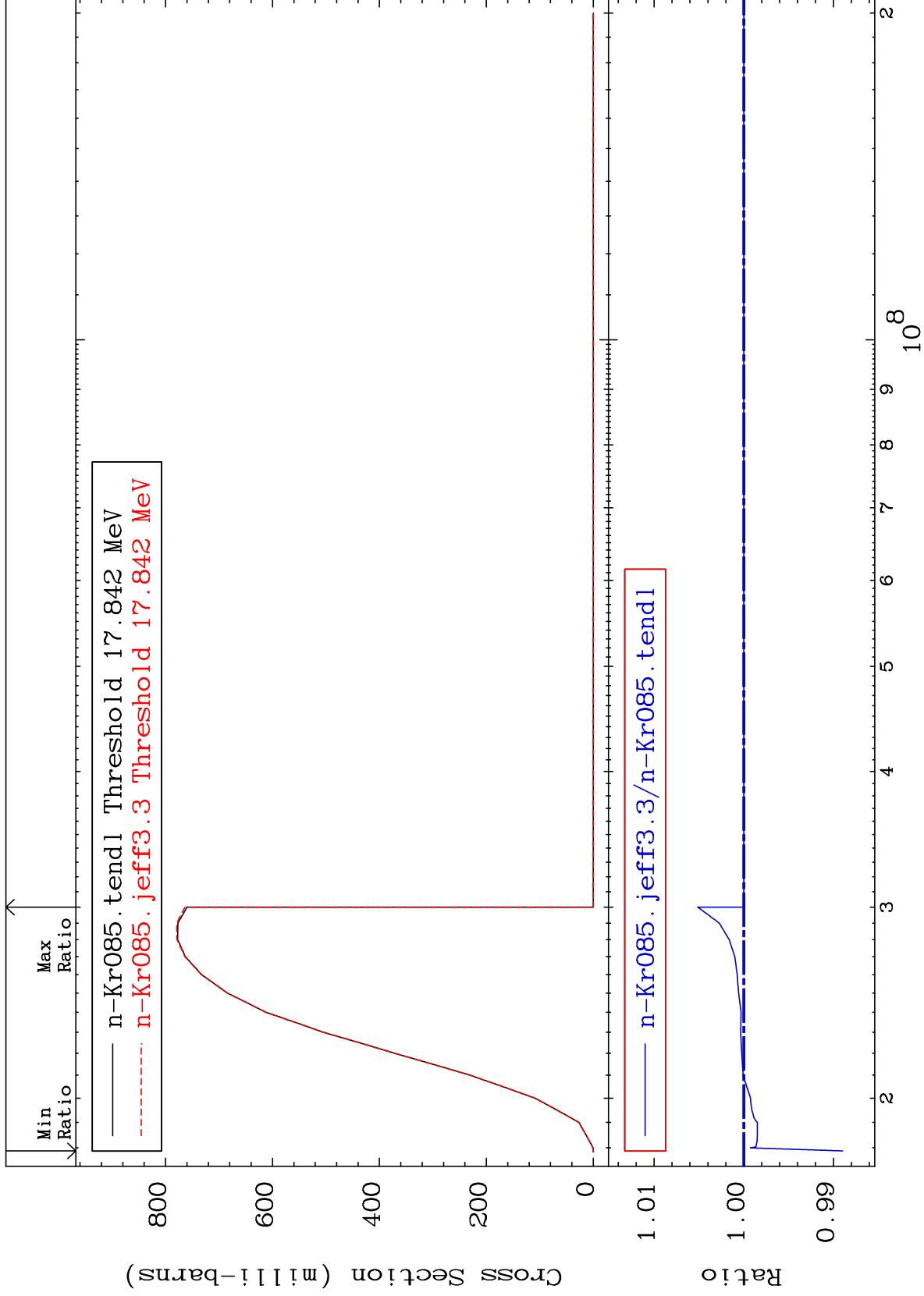
Cross Section To 0.071 %



MAT 3646

(n,3n)  
Cross Section

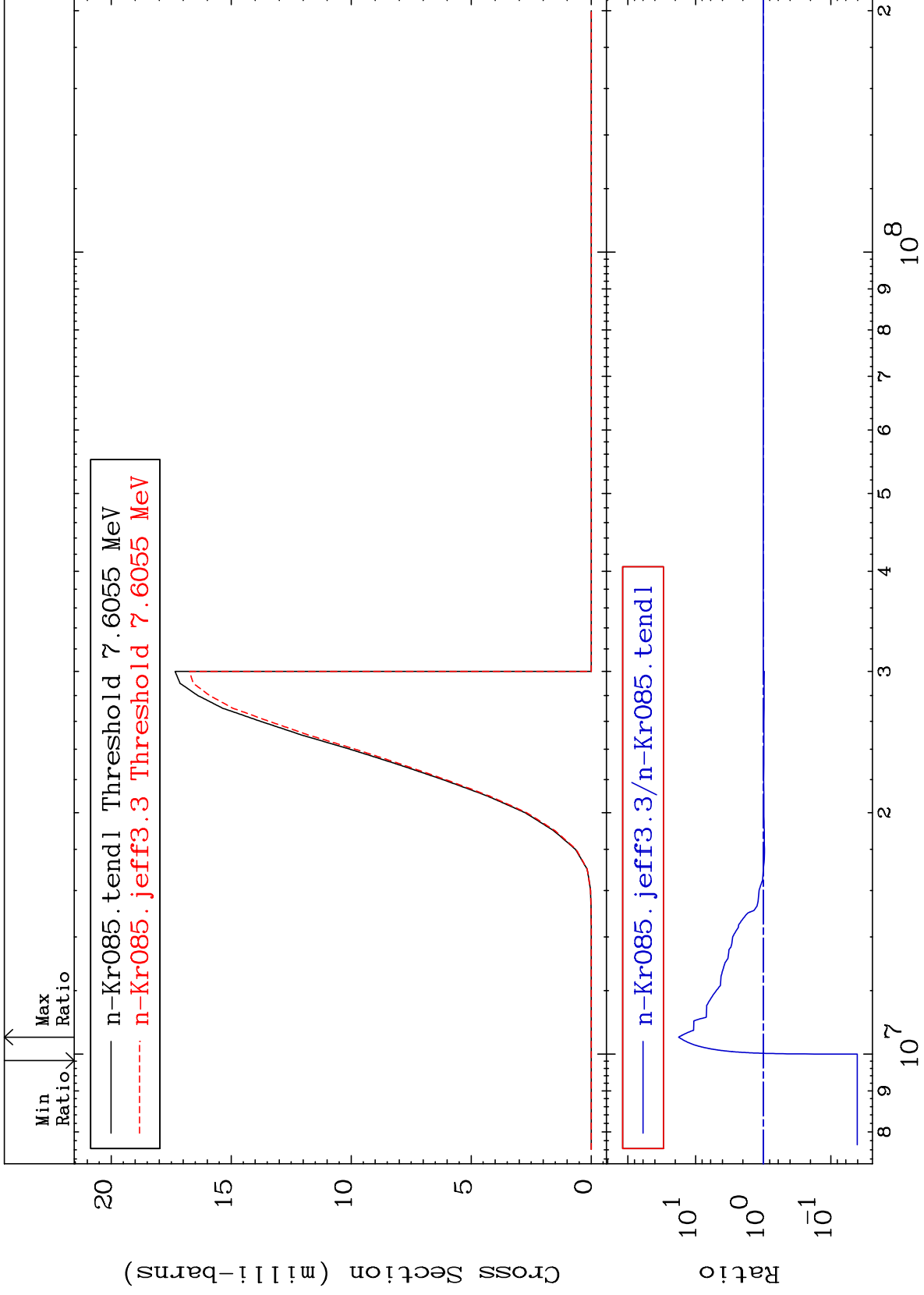
<sup>36</sup>Kr-85  
-1.103 To 0.514 %



MAT 3646

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

36-Kr-85  
-95.94 To 1679. %



6

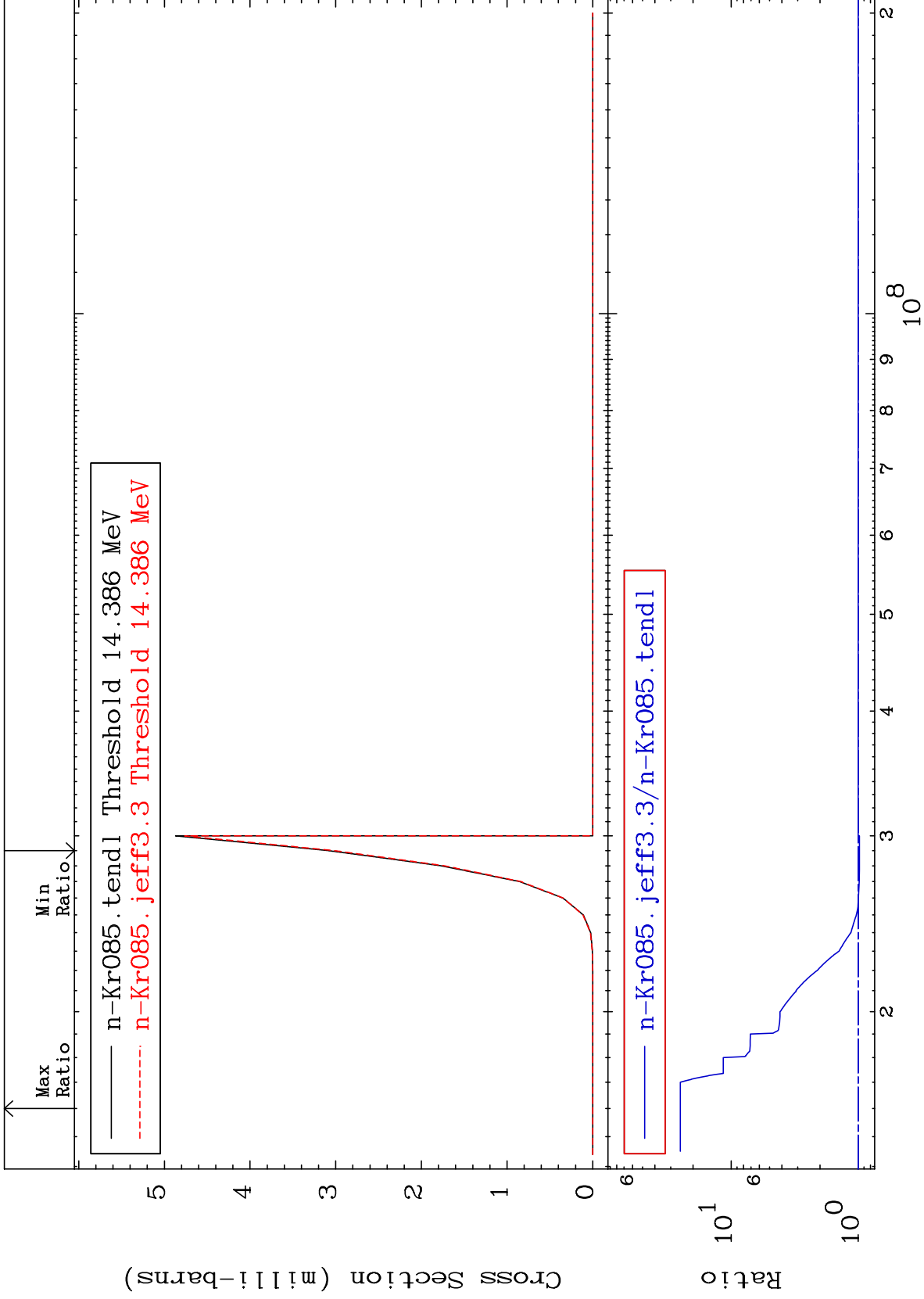
Incident Energy (eV)

36-Kr-85

MAT 3646

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

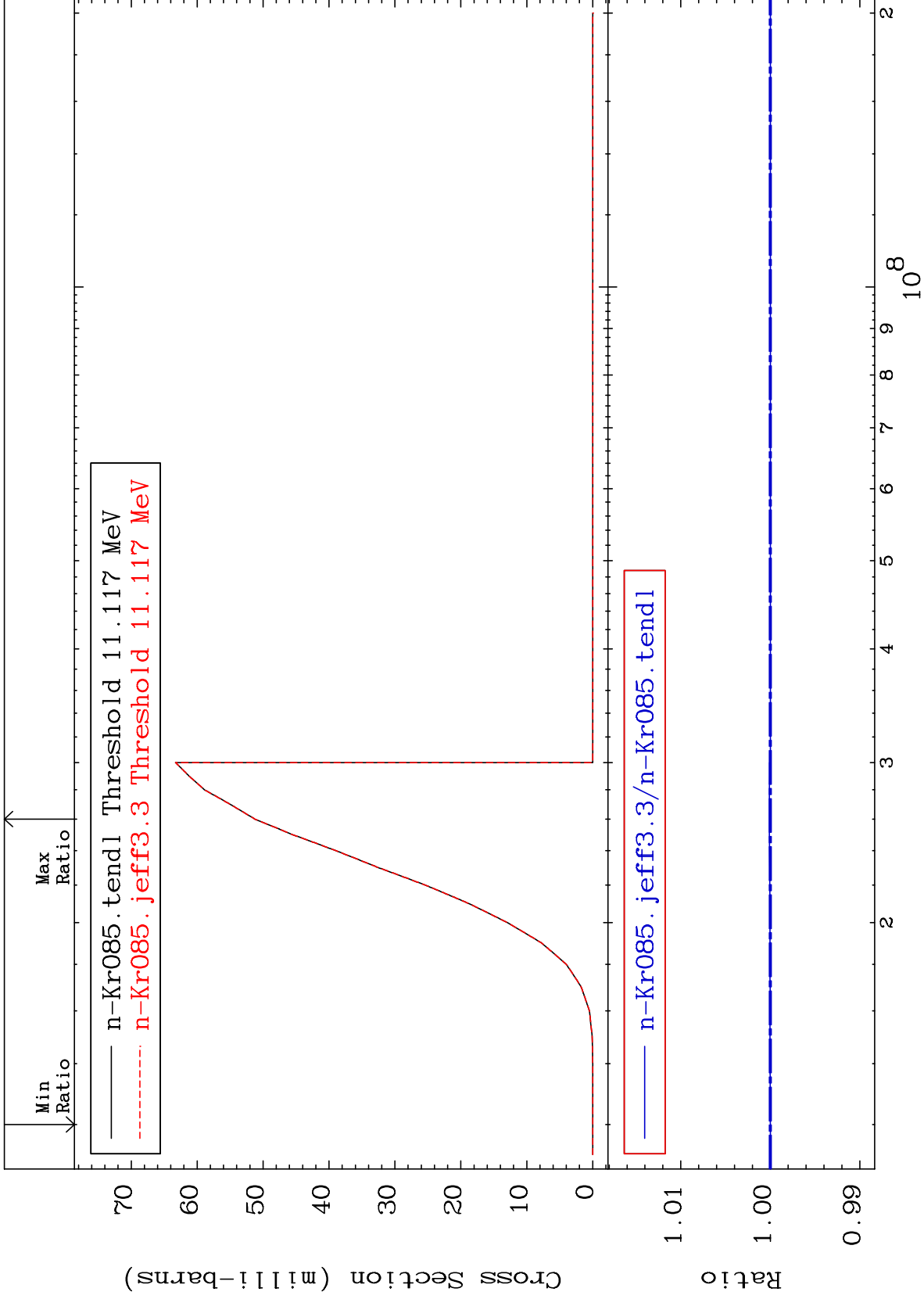
<sup>36</sup>Kr-85  
-2.252 To 2418. %



MAT 3646

(n,n') p  
Cross Section

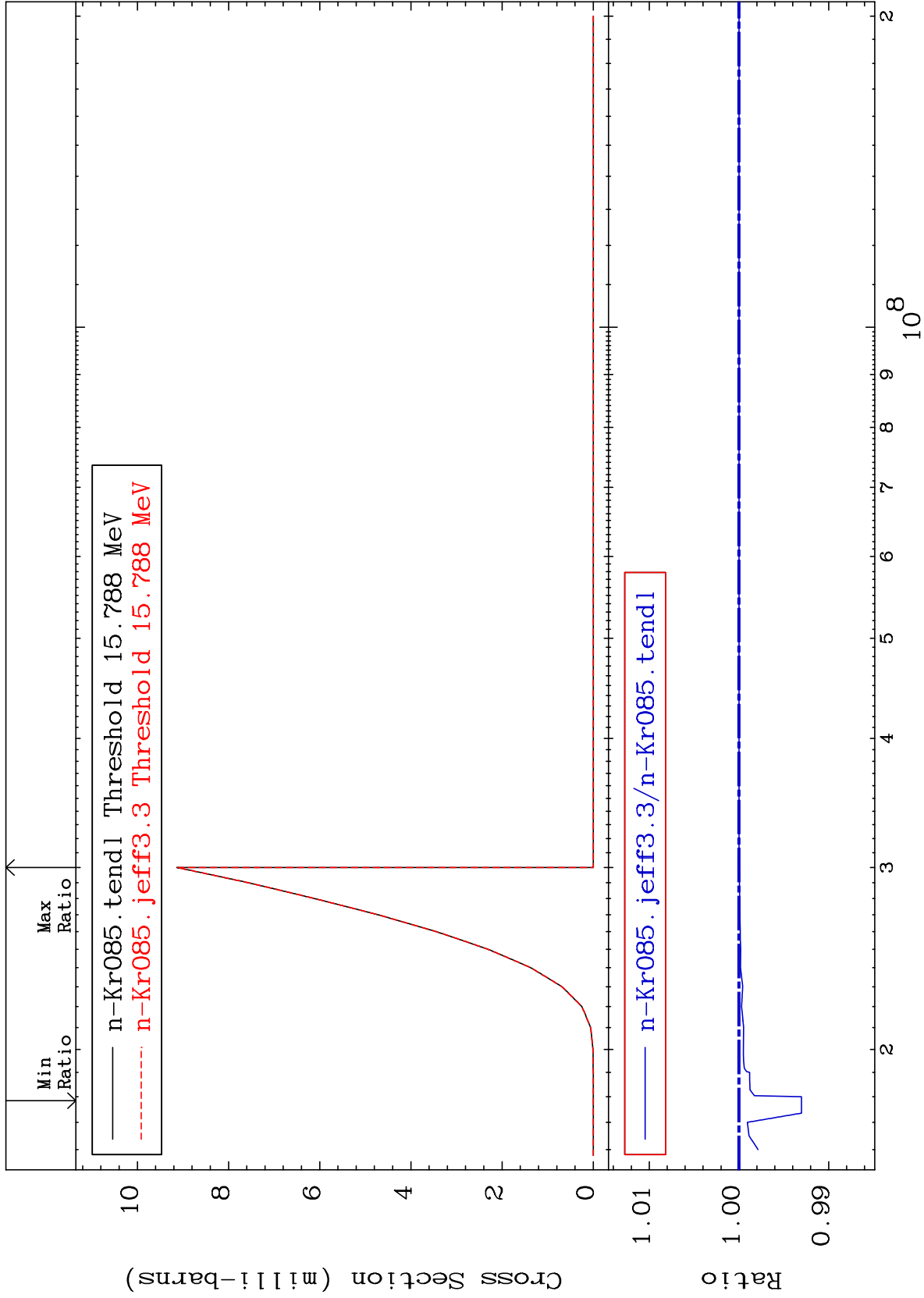
36-Kr-85  
-0.001 To 0.011 %





Cross Section

-0.696 To 0.000 %



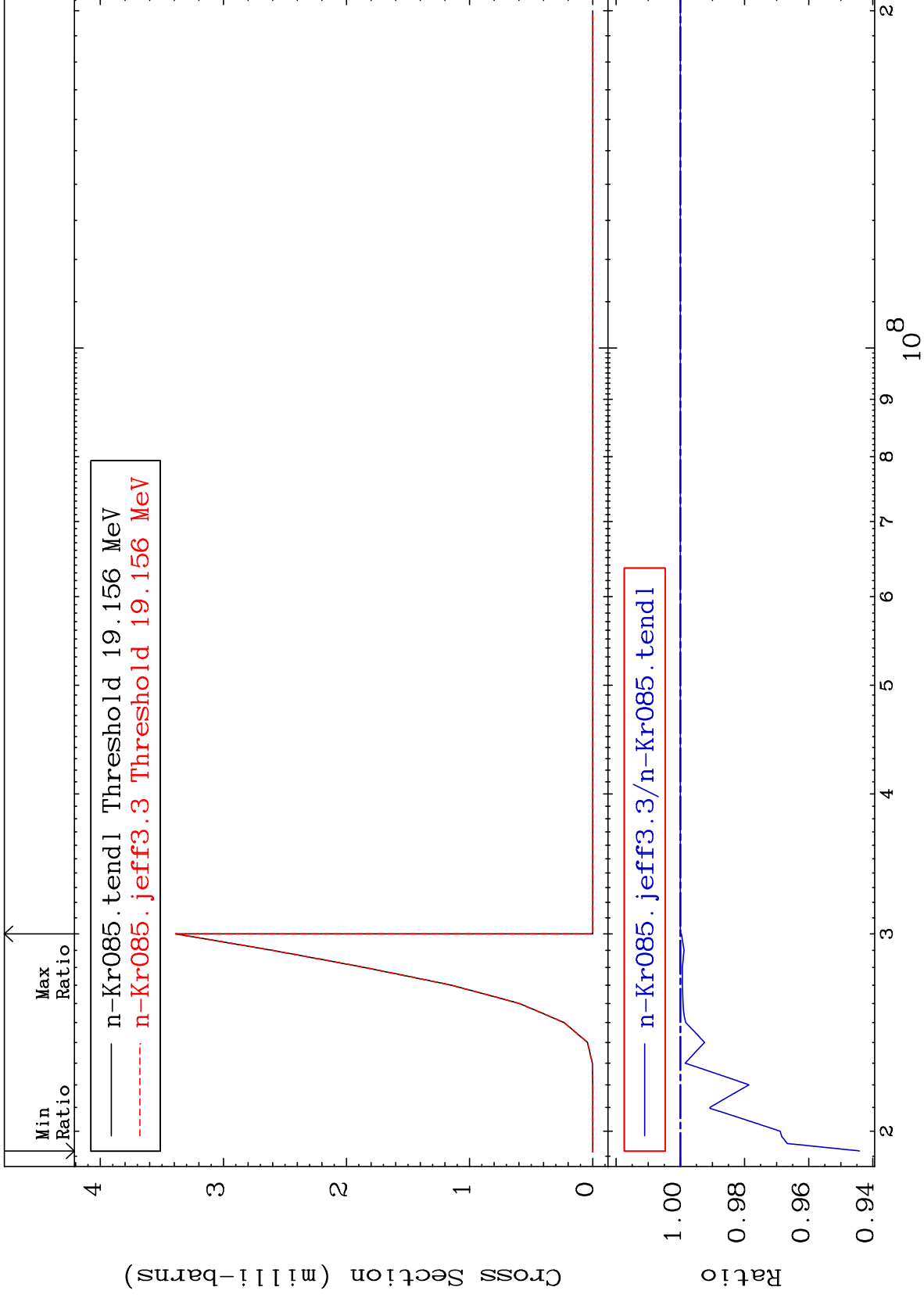
MAT 3646

(n,n') t

<sup>36</sup>Kr-85

Cross Section

-5.581 To 0.000 %



10

Incident Energy (eV)

<sup>36</sup>Kr-85

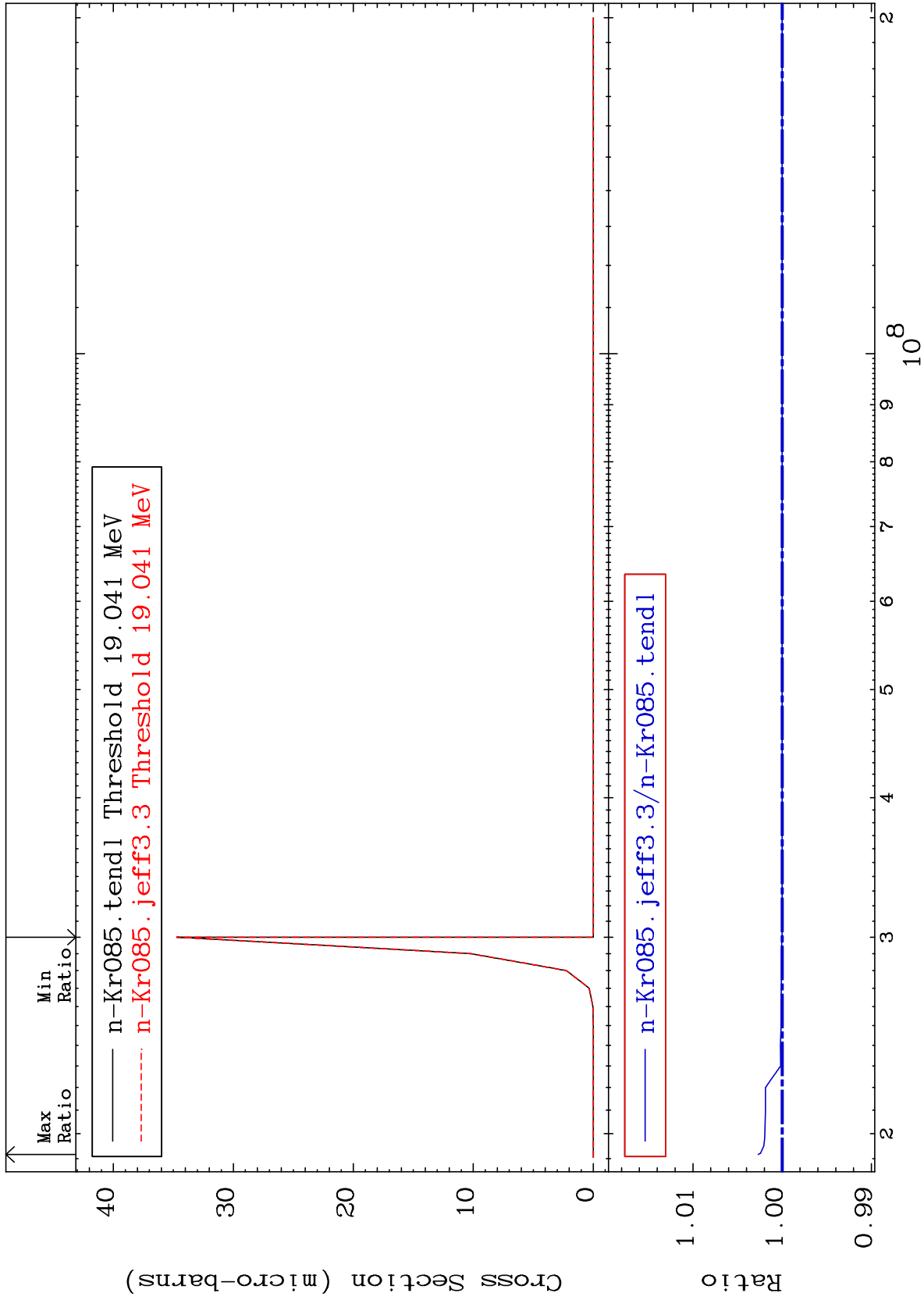
MAT 3646

(n, n') He-3

36-Kr-85

Cross Section

0.000 To 0.270 %



11

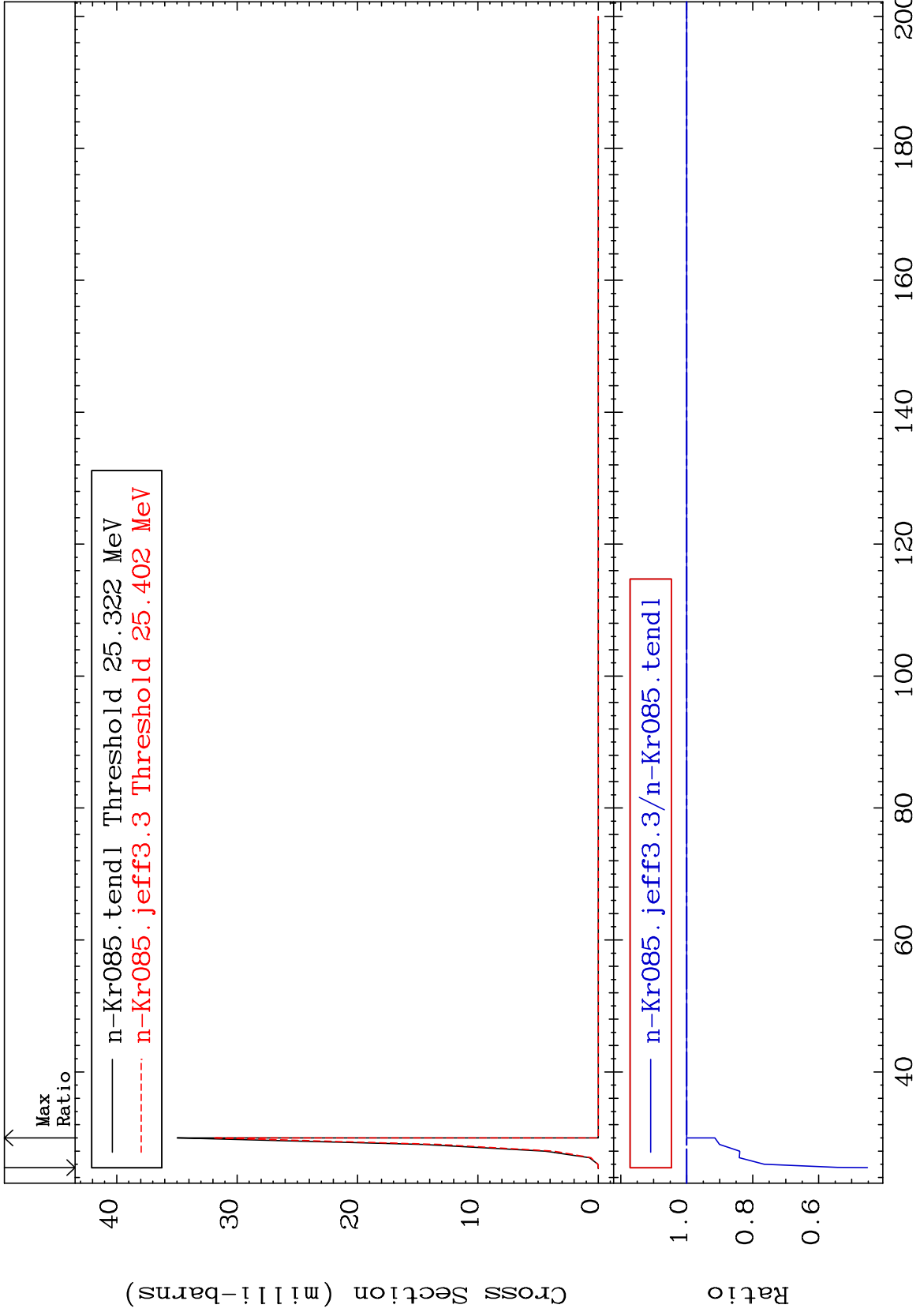
Incident Energy (eV)

36-Kr-85

MAT 3646

(n,4n)  
Cross Section

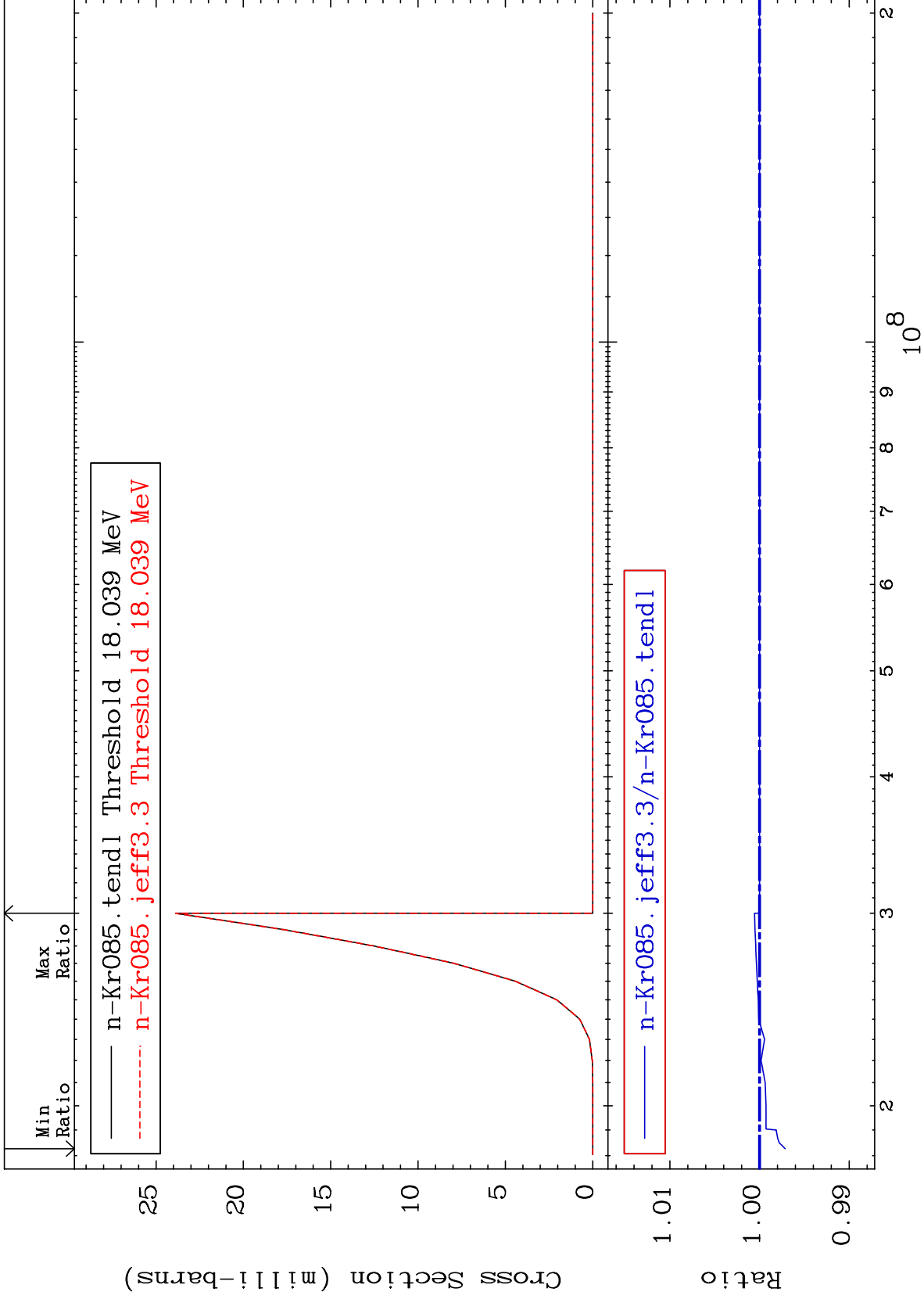
<sup>36</sup>Kr-85  
-54.77 To 0.000 %



MAT 3646

(n,2n) p  
Cross Section

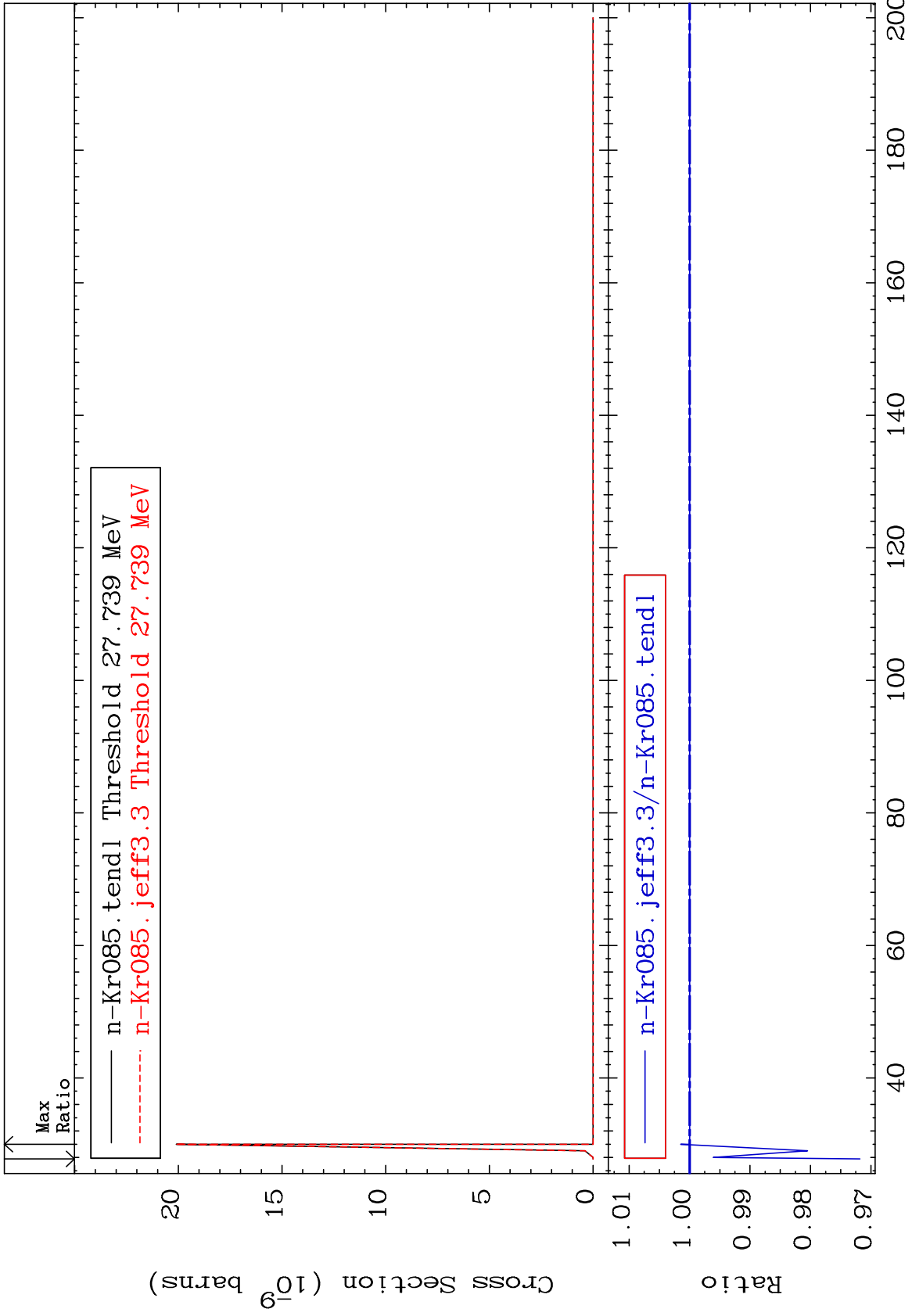
<sup>36</sup>Kr-85  
-0.286 To 0.054 %



MAT 3646

(n,3n) p  
Cross Section

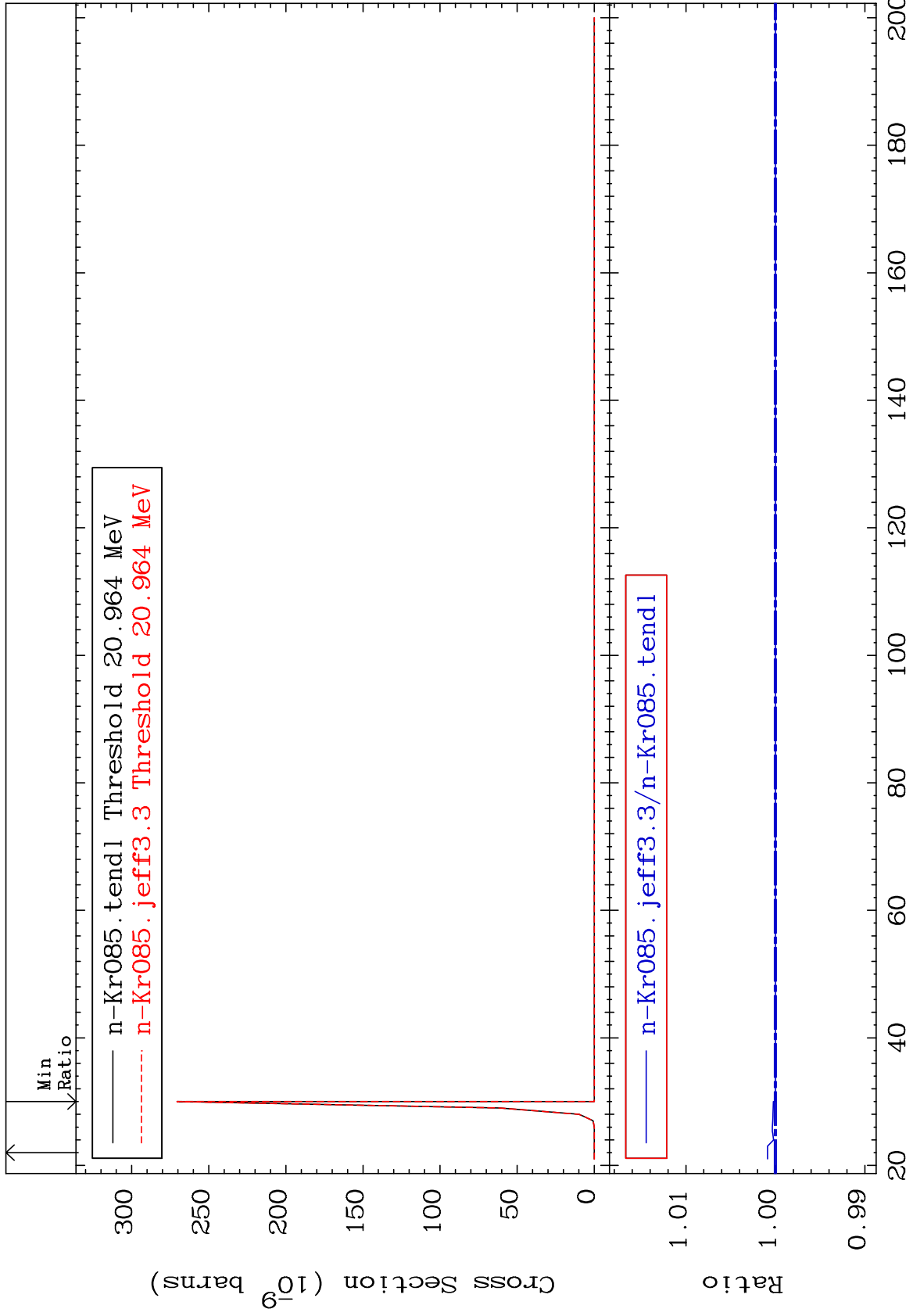
<sup>36</sup>Kr-85  
-2.818 To 0.147 %



MAT 3646

(n,2n) p  
Cross Section

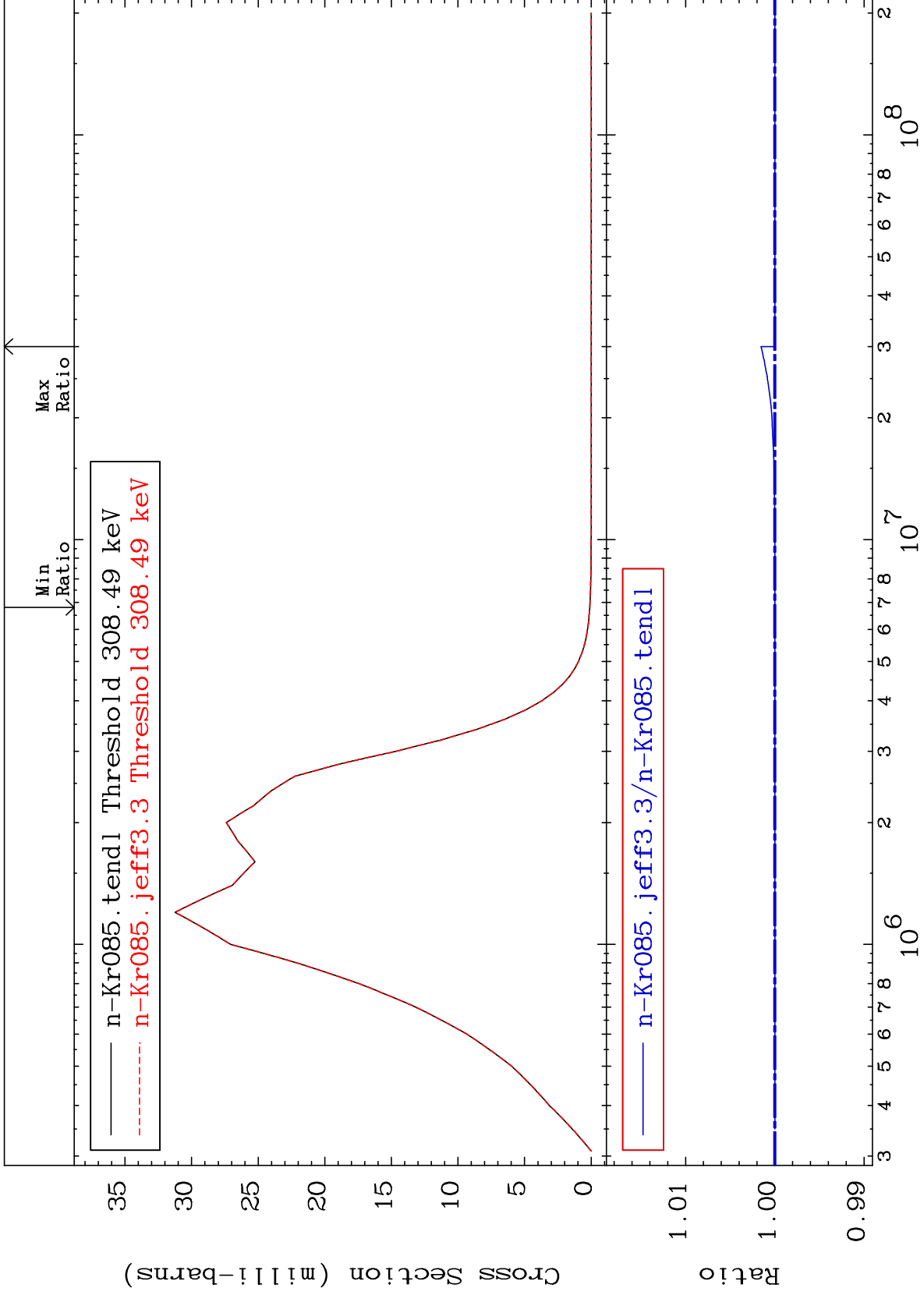
36-Kr-85  
0.000 To 0.089 %



MAT 3646

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

36-Kr-85  
0.000 To 0.155 %



16

Incident Energy (eV)

36-Kr-85

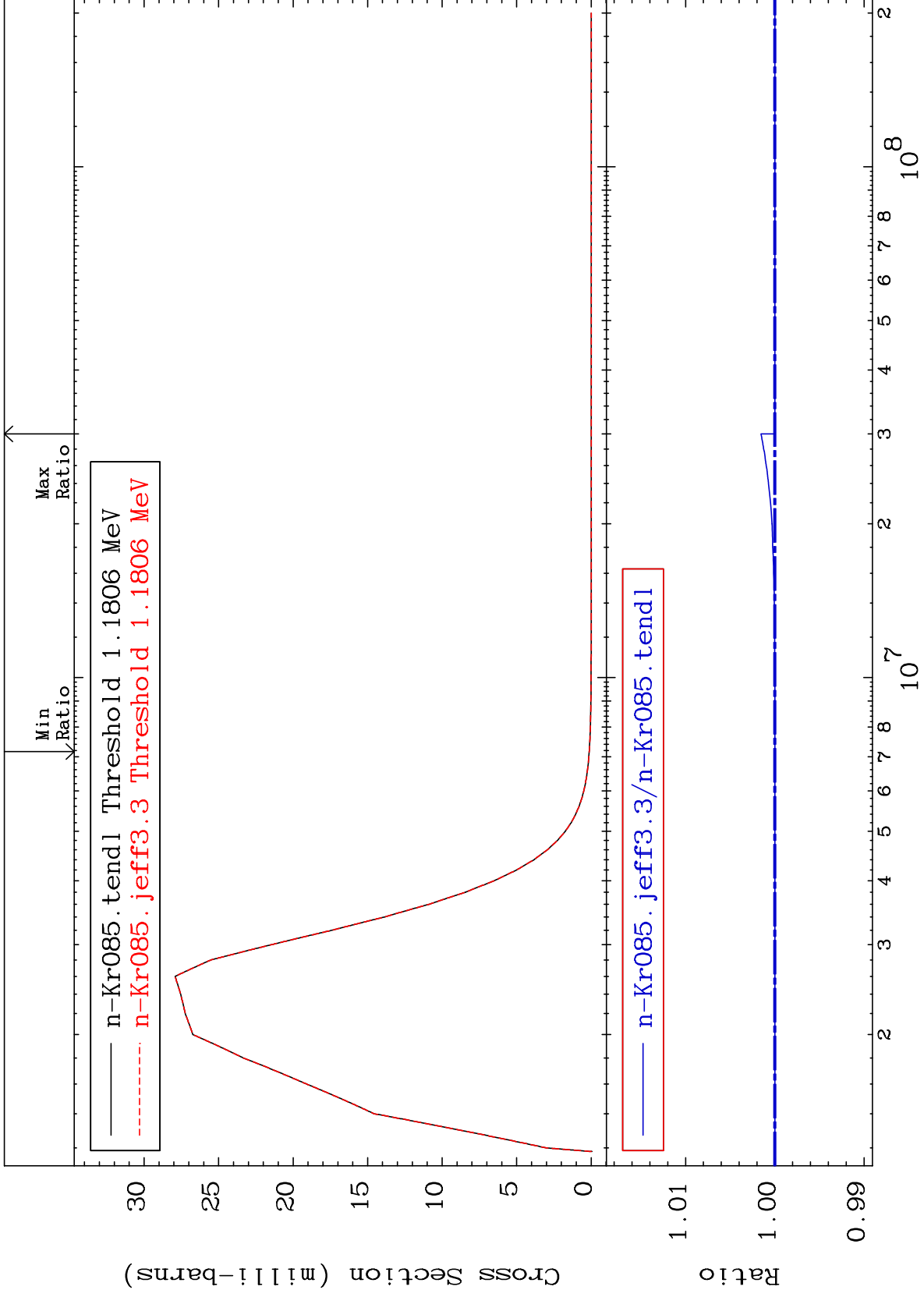




MAT 3646

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

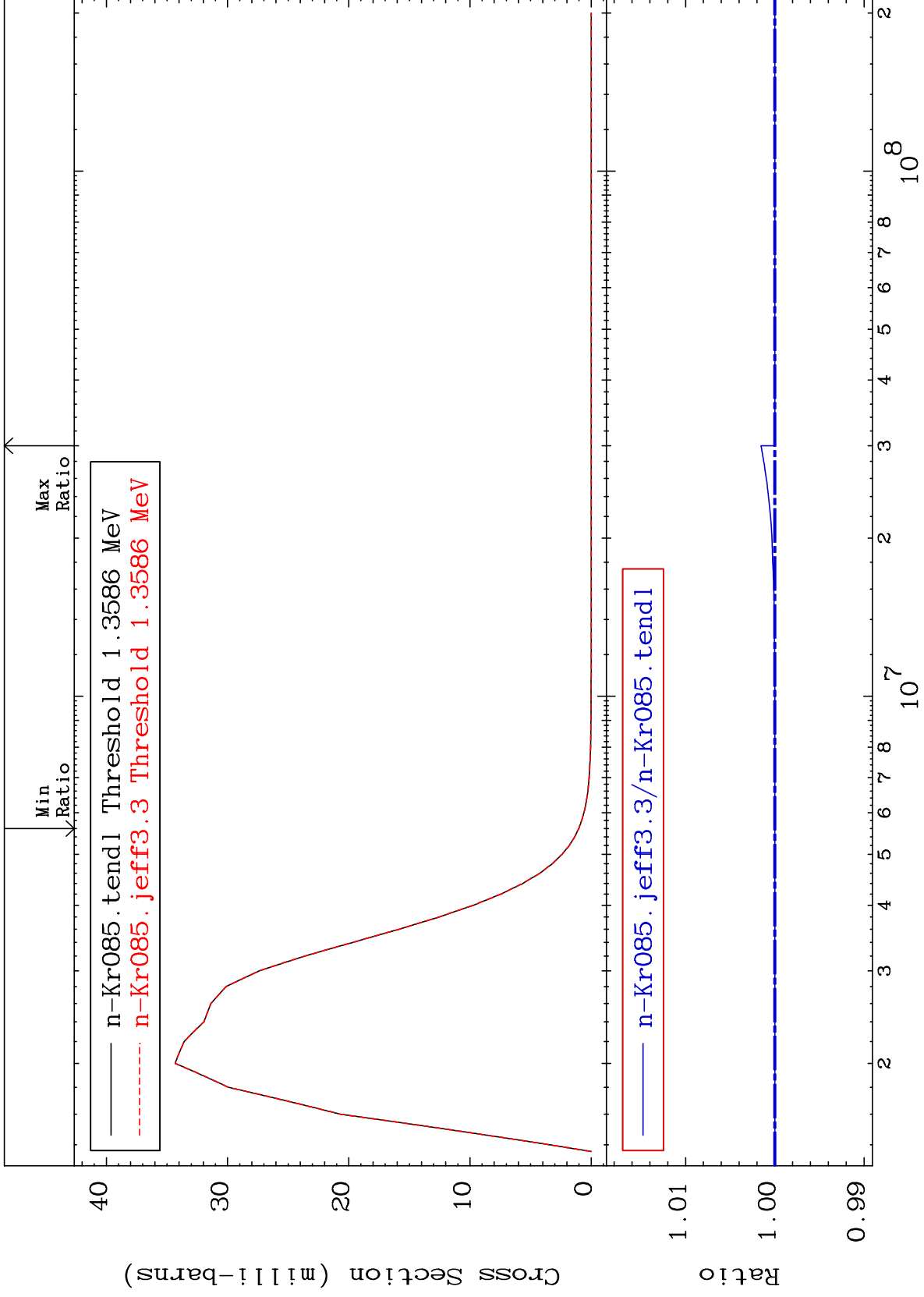
36-Kr-85  
0.000 To 0.155 %



MAT 3646

MT= 56 (n,n') Level  
Cross Section

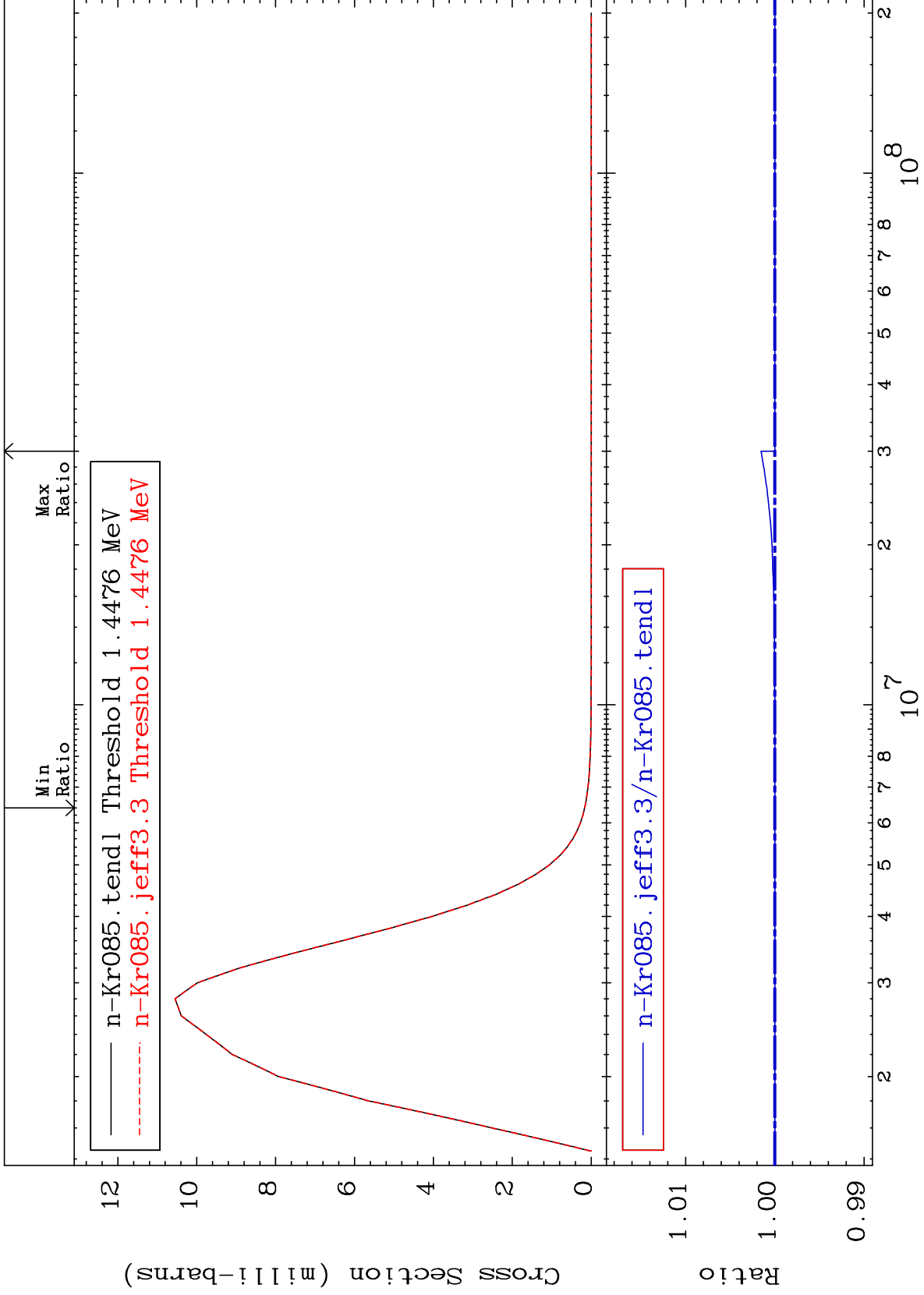
36-Kr-85  
To 0.155 %



MAT 3646

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

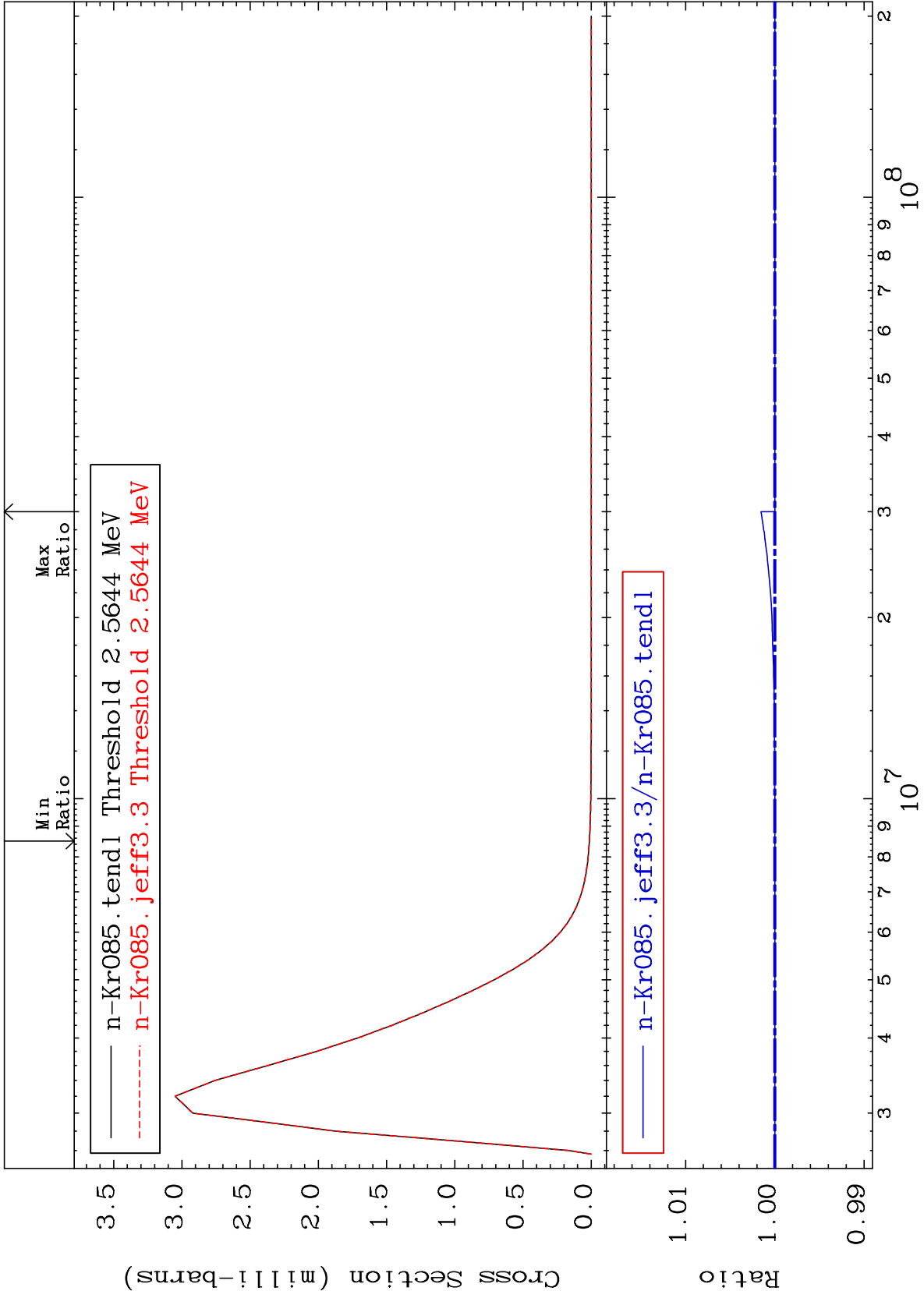
36-Kr-85  
0.000 To 0.154 %



MAT 3646

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

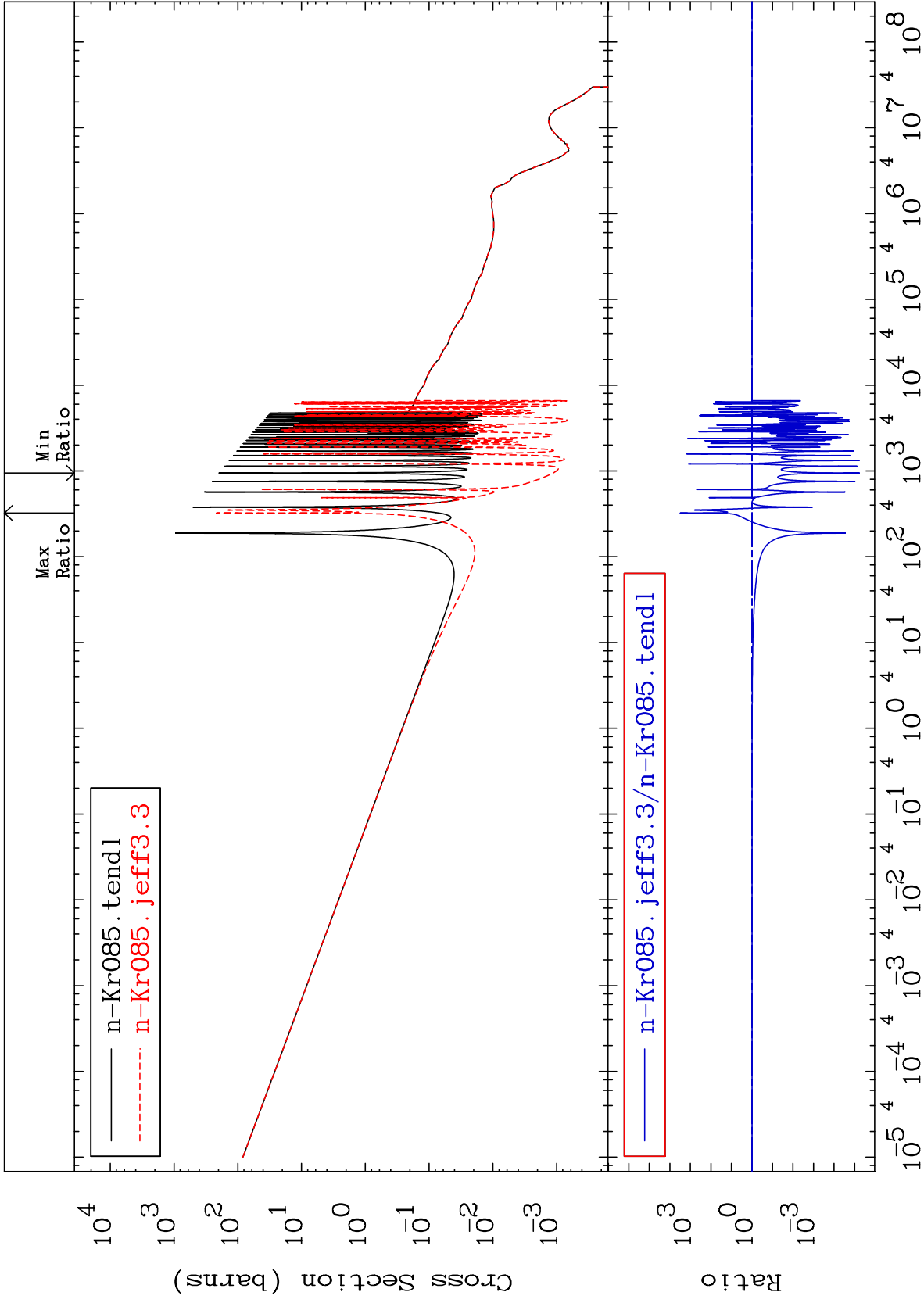
36-Kr-85  
To 0.155 %



MAT 3646

(n,  $\gamma$ )  
Cross Section

36-Kr-85  
-100.0 To 9999. %



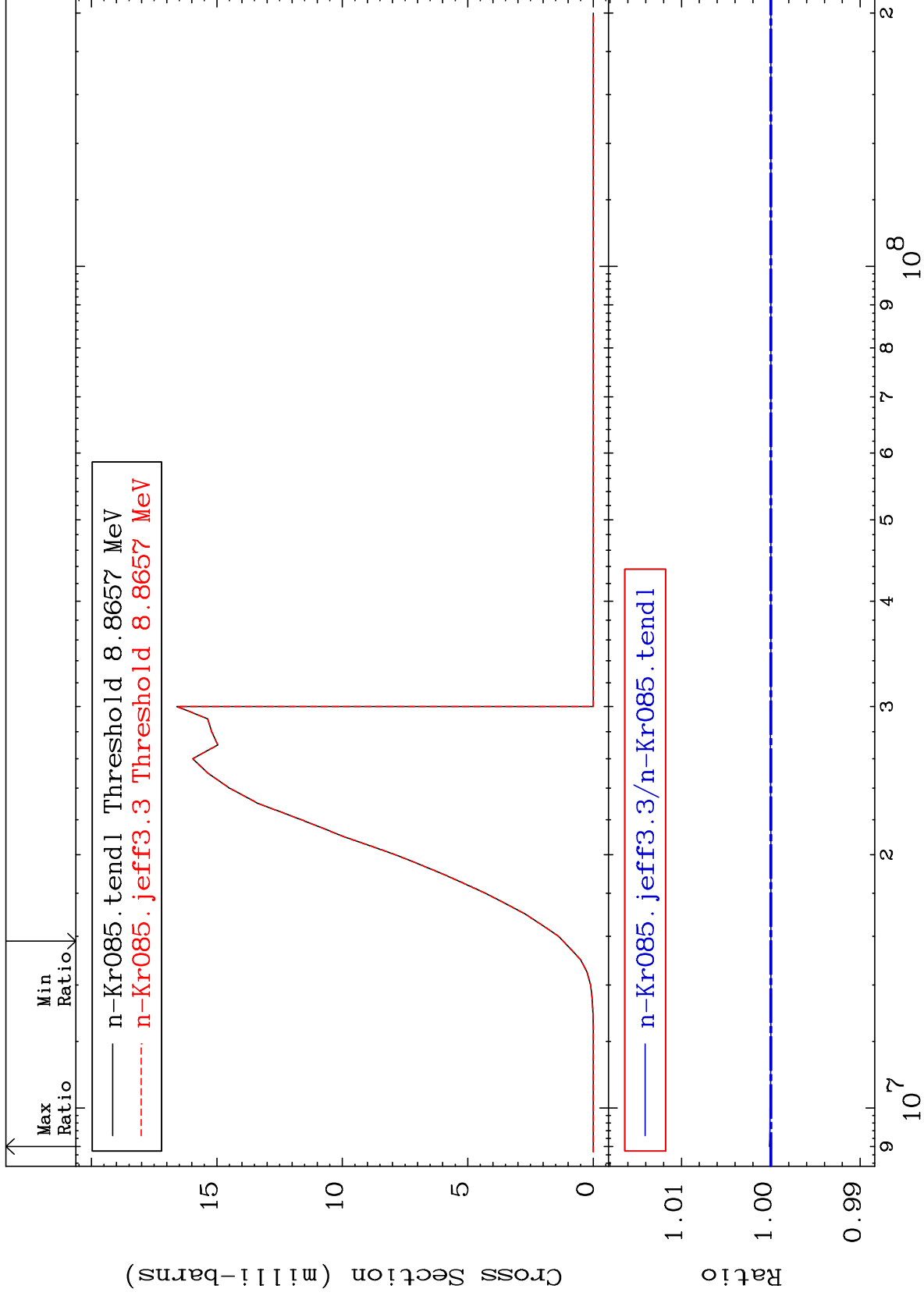
MAT 3646

(n, d)

36-Kr-85

Cross Section

0.000 To 0.016 %



23

Incident Energy (eV)

36-Kr-85

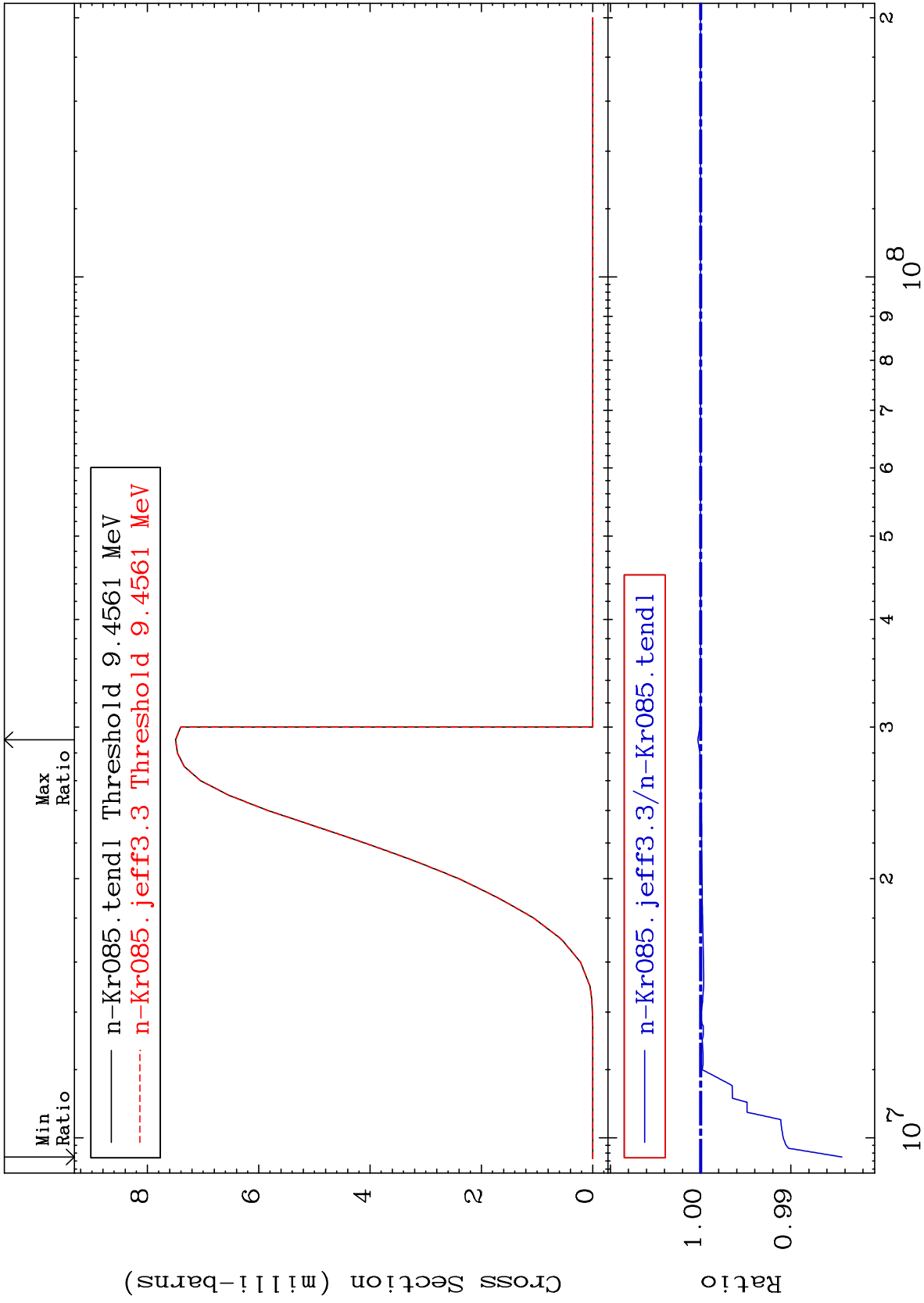
MAT 3646

(n, t)

<sup>36</sup>Kr-85

Cross Section

-1.567 To 0.032 %



24

Incident Energy (eV)

<sup>36</sup>Kr-85



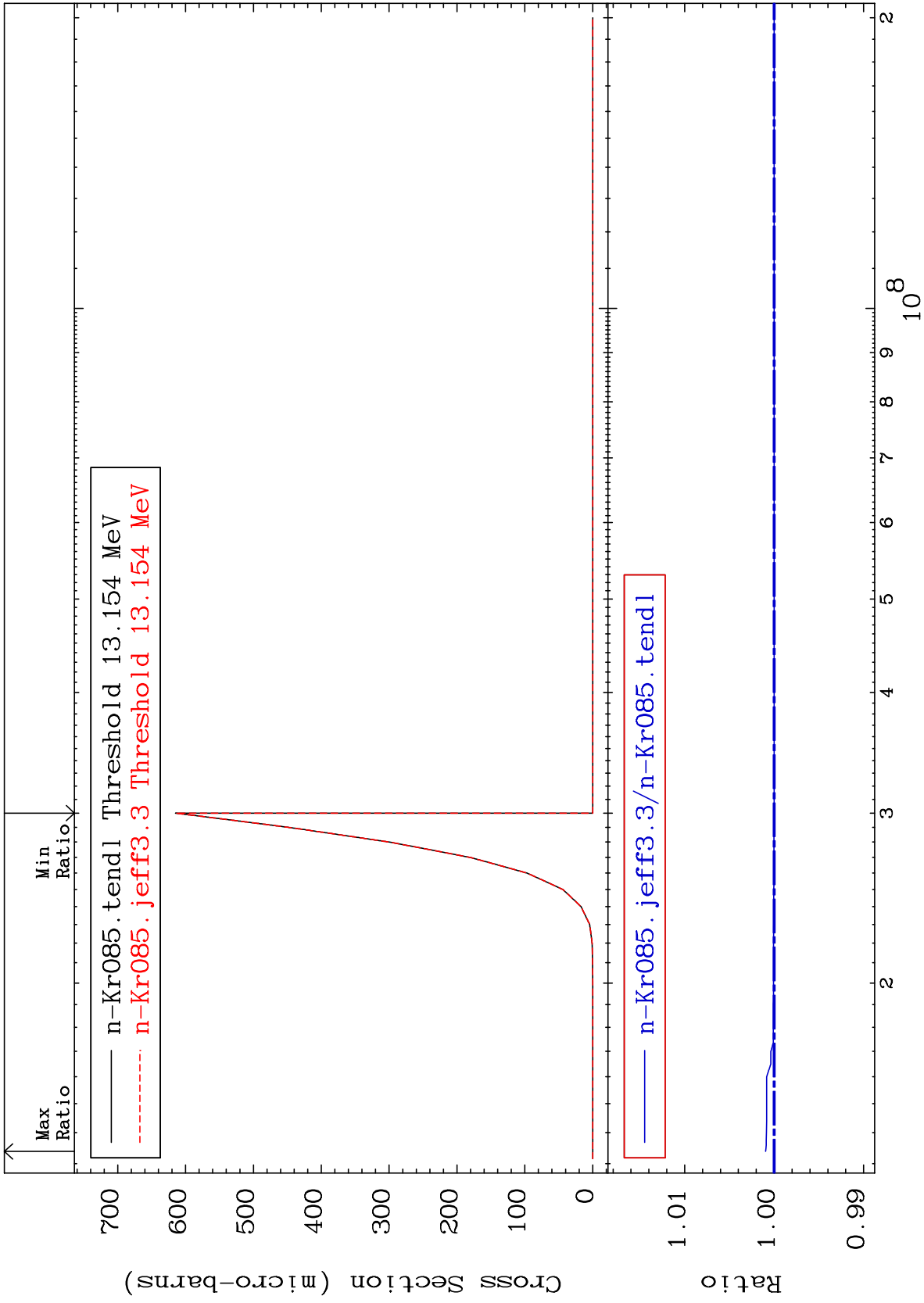
MAT 3646

(n, He-3)

36-Kr-85

Cross Section

0.000 To 0.096 %

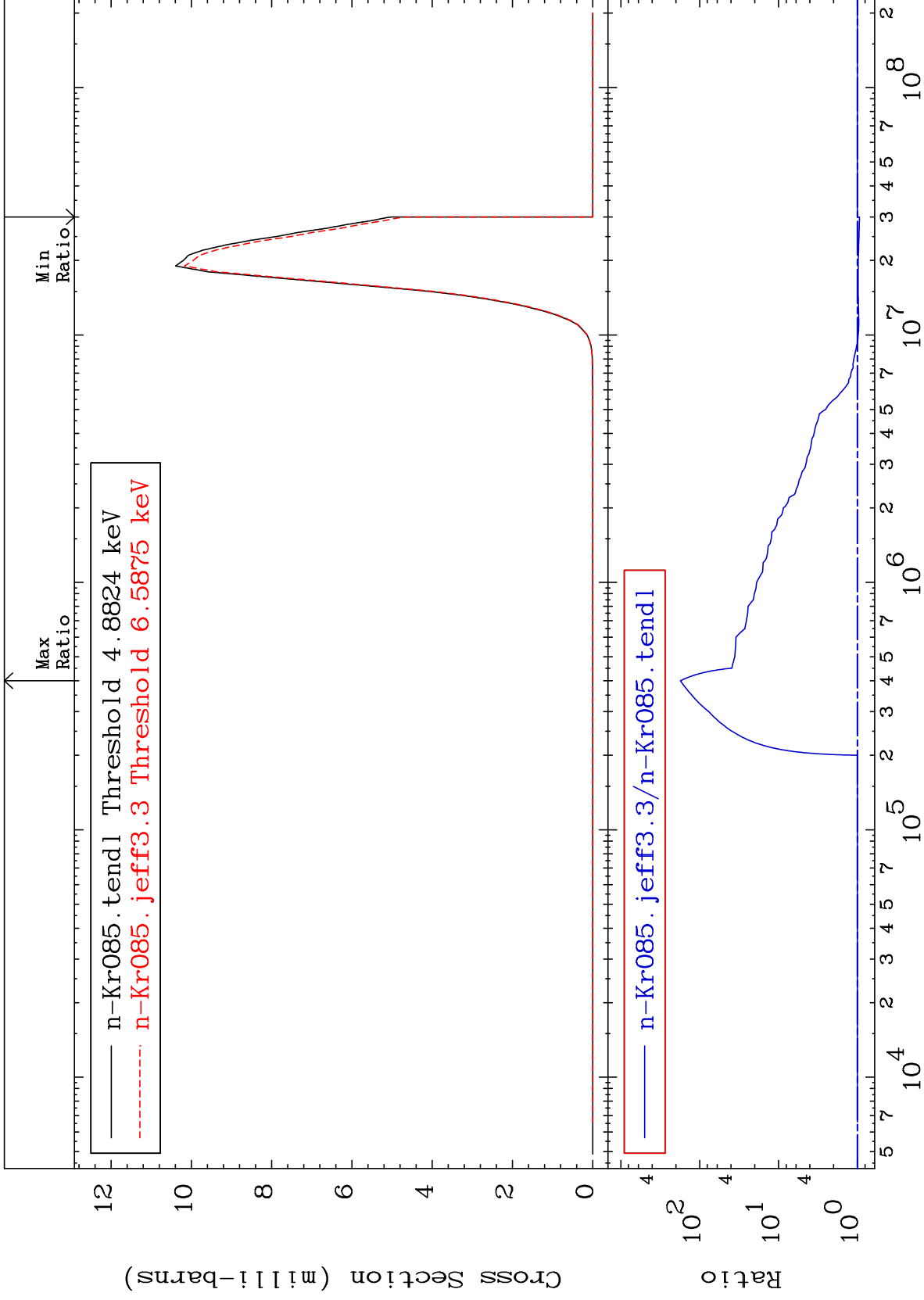


MAT 3646

(n,  $\alpha$ )

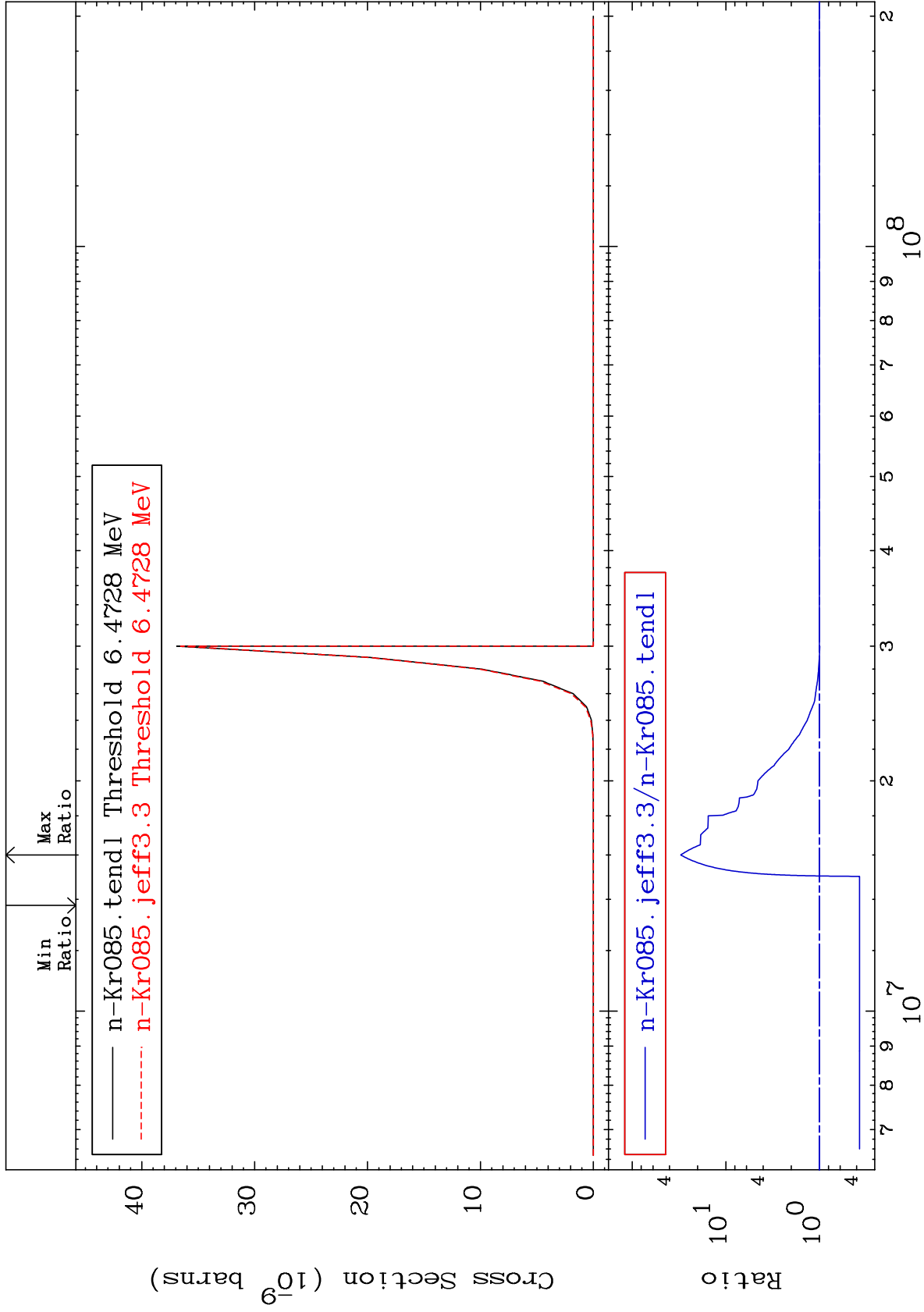
<sup>36</sup>Kr-85

Cross Section  
-5.859 To 9999. %



Cross Section

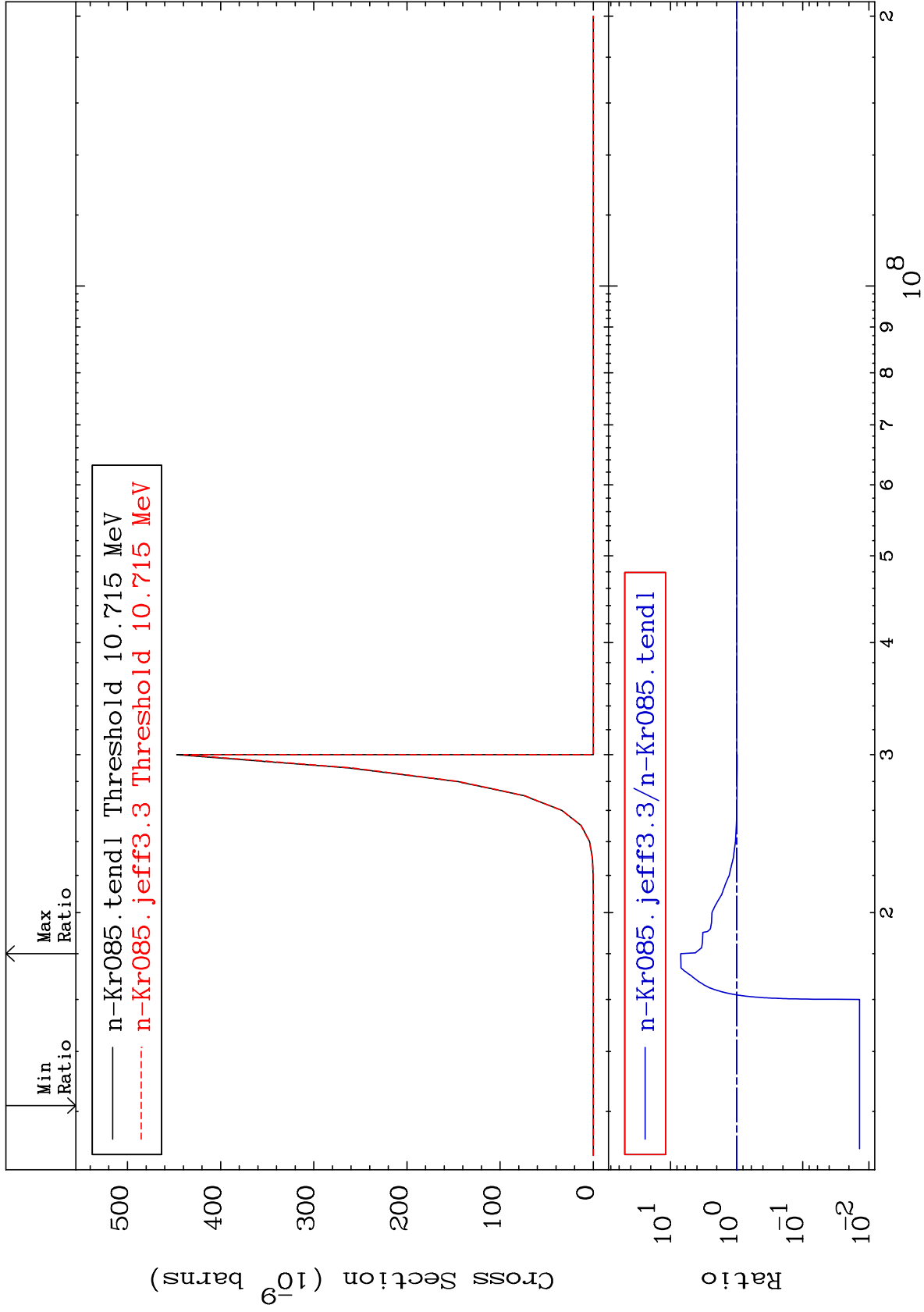
-62.70 To 2928. %



MAT 3646

(n, p)  $\alpha$   
Cross Section

<sup>36</sup>Kr-85  
-98.62 To 600.8 %



MAT 3646

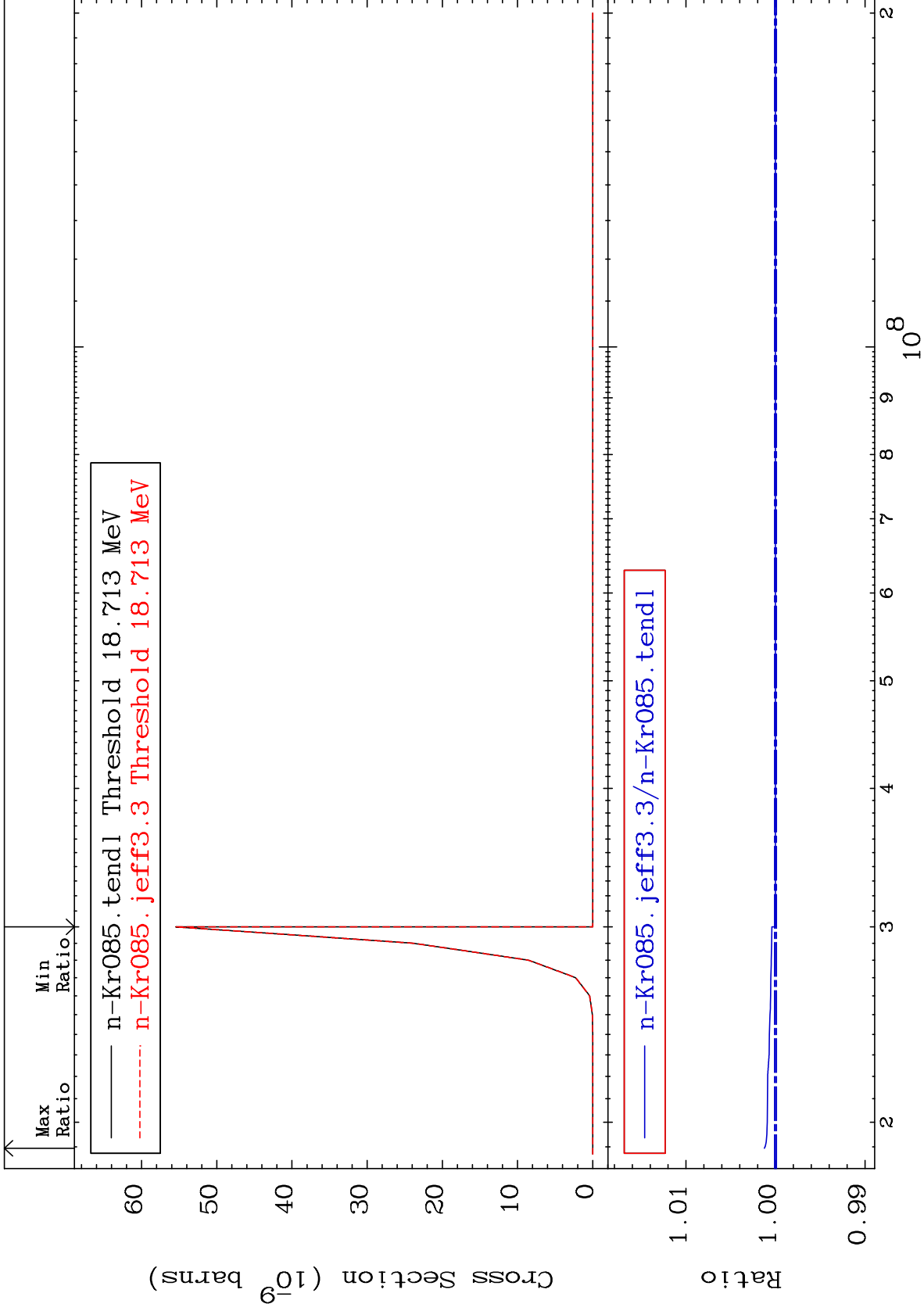
(n, p) d

<sup>36</sup>Kr-85

Cross Section

0.000

To 0.125 %



MAT 3646

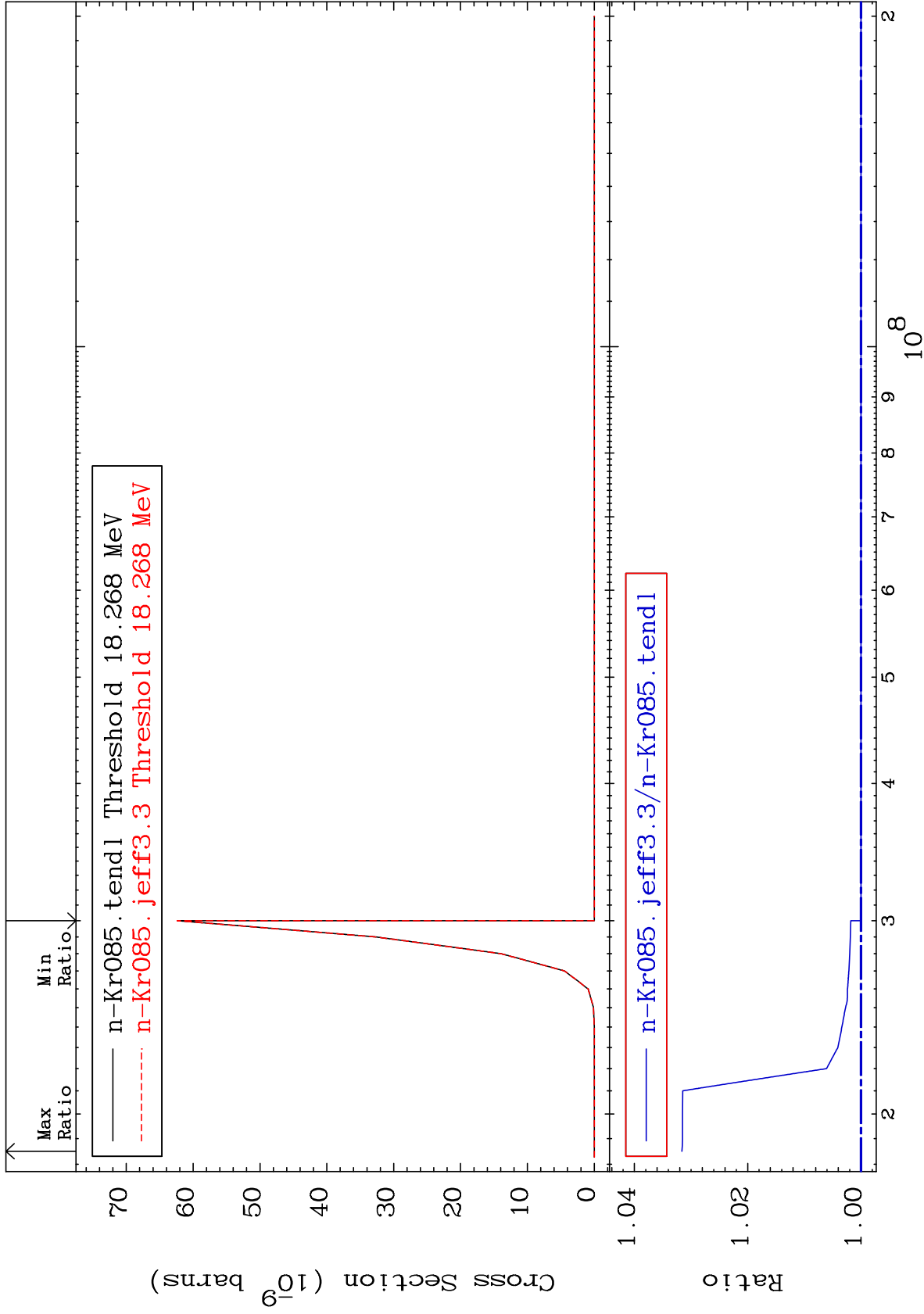
(n, p) t

<sup>36</sup>Kr-85

Cross Section

0.000

To 3.161 %



30

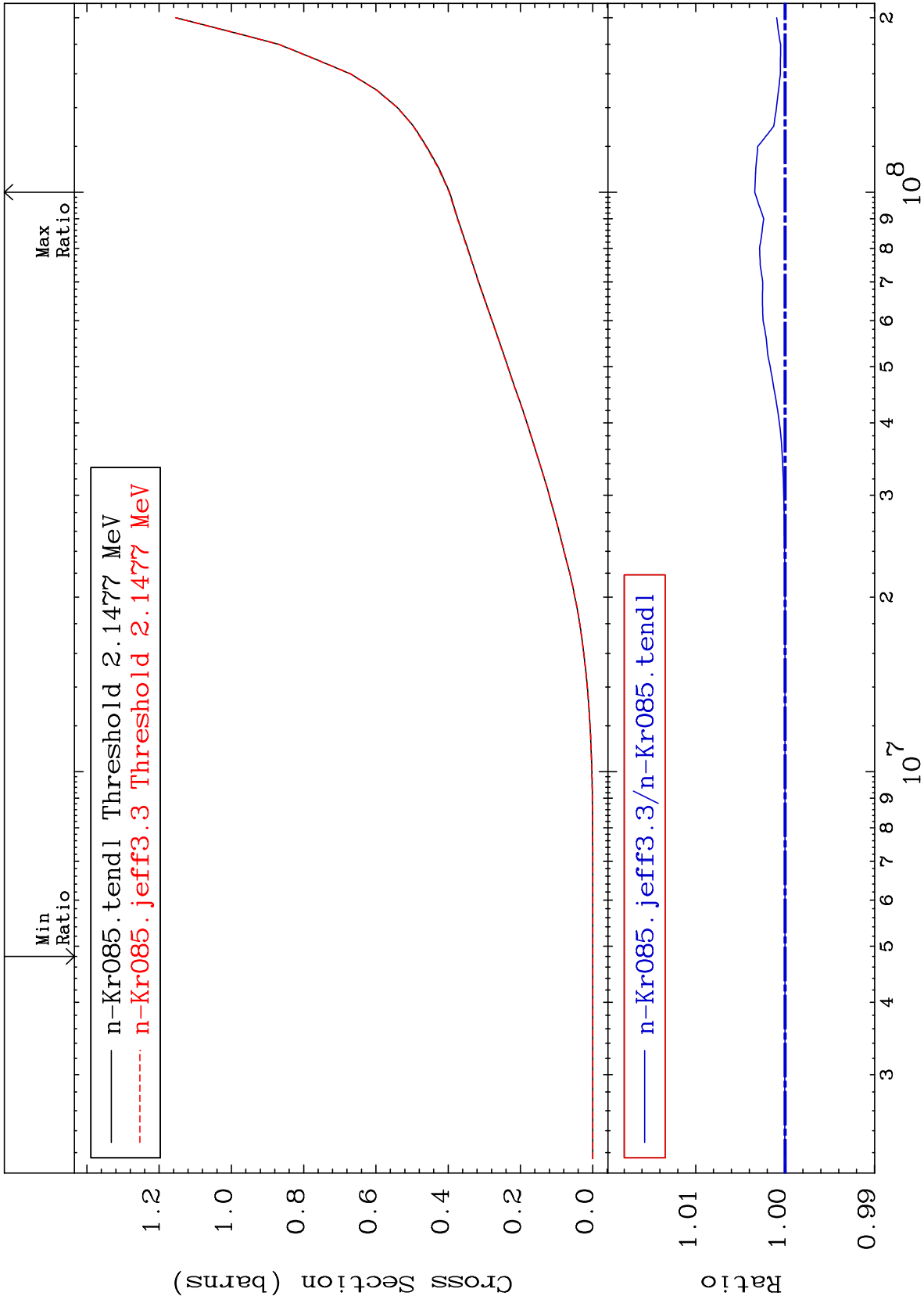
Incident Energy (eV)

<sup>36</sup>Kr-85

MAT 3646

Hydrogen Production  
Cross Section

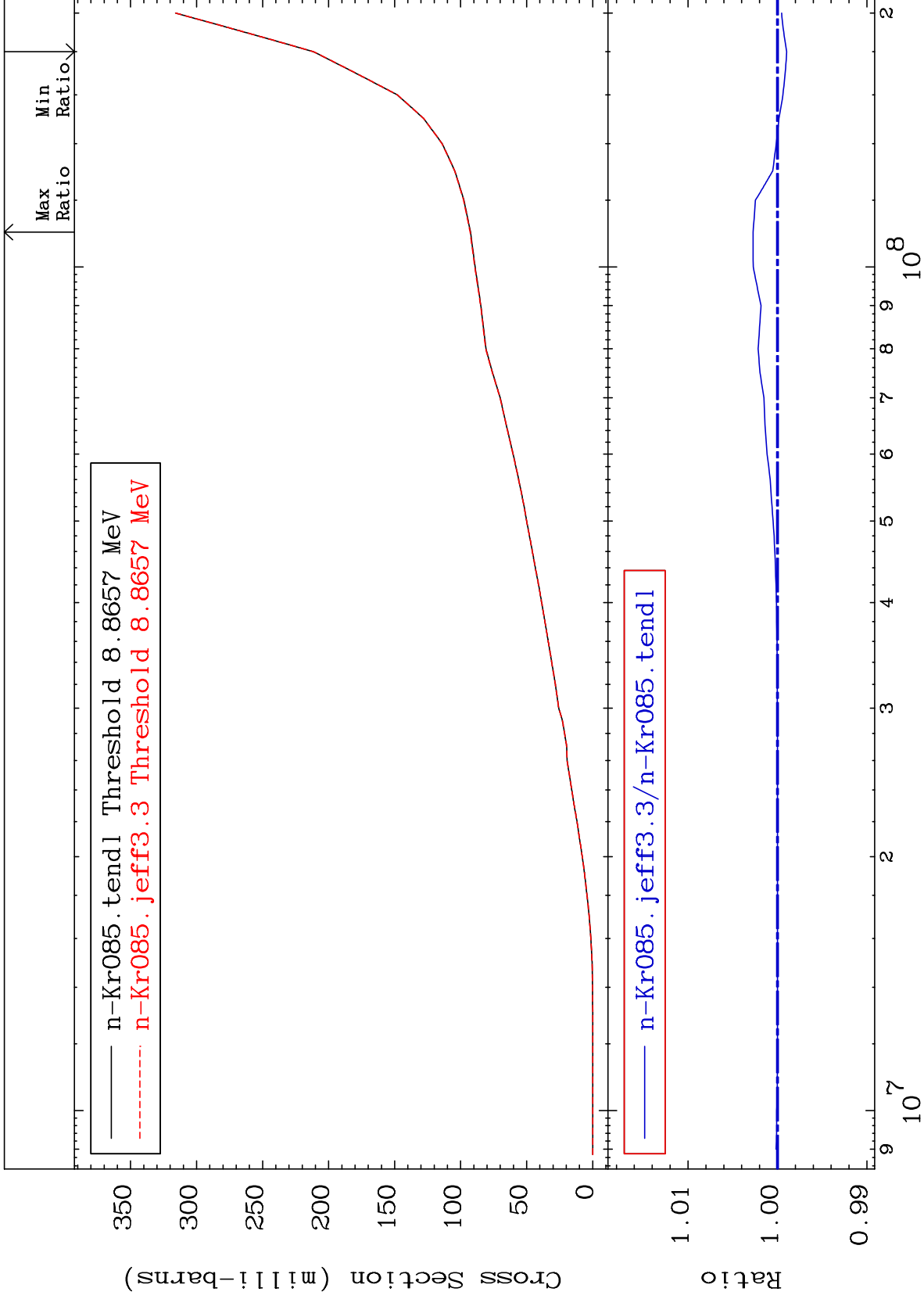
<sup>36</sup>Kr-85  
To 0.339 %



MAT 3646

Deuterium Production  
Cross Section

<sup>36</sup>Kr-85  
-0.104 To 0.273 %



32

Incident Energy (eV)

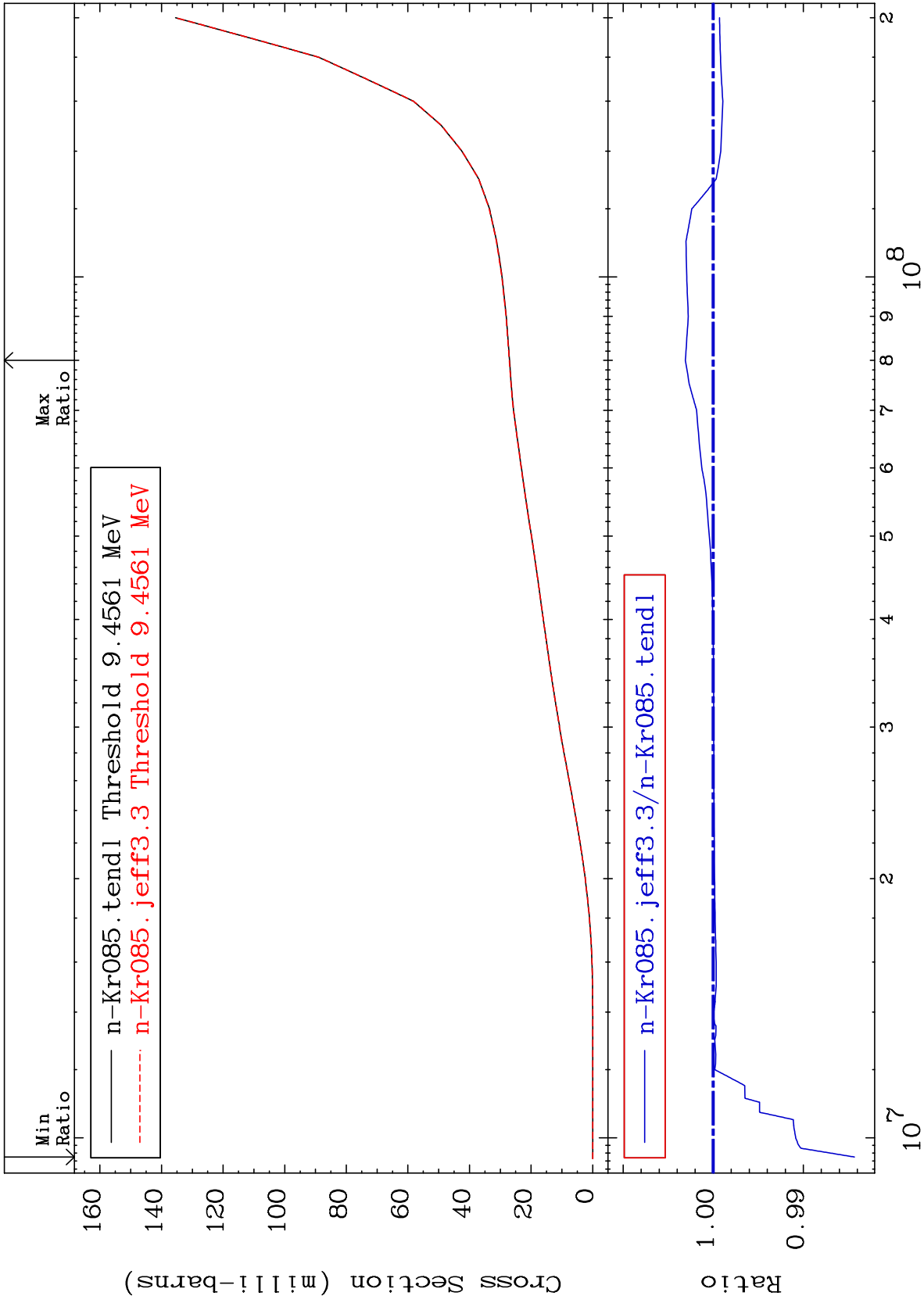
<sup>36</sup>Kr-85



MAT 3646

Tritium Production  
Cross Section

<sup>36</sup>Kr-85  
-1.567 To 0.309 %



33

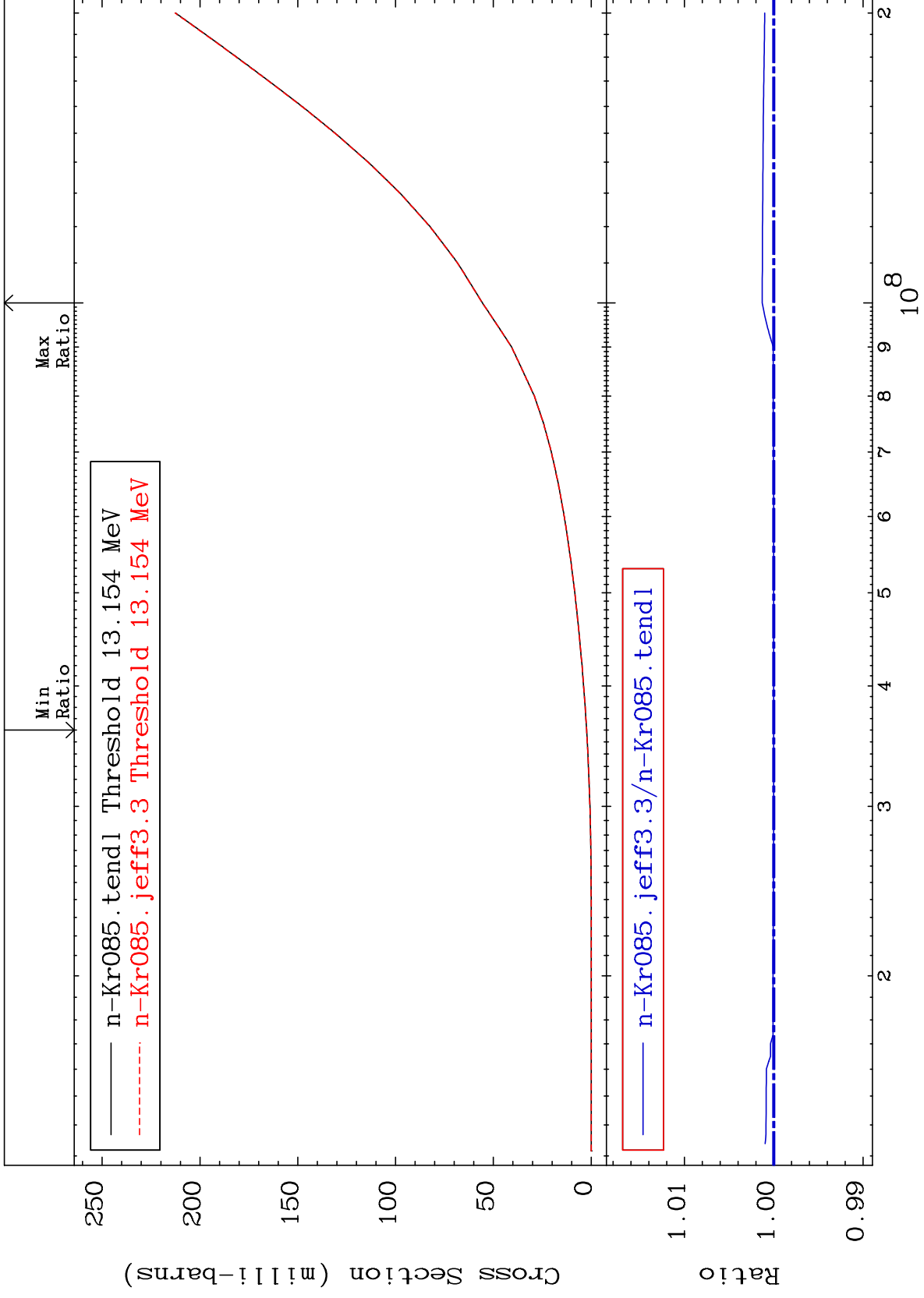
Incident Energy (eV)

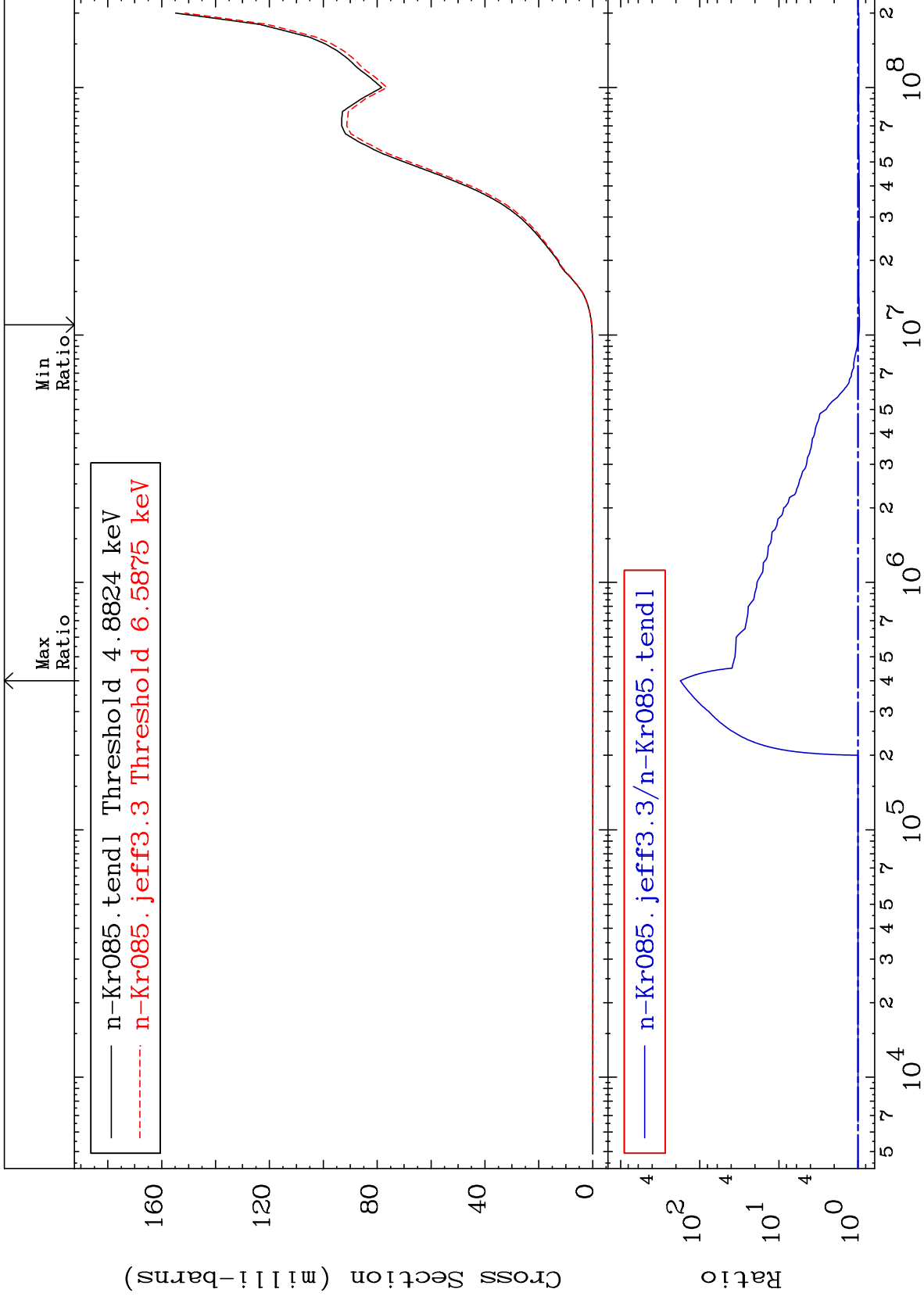
<sup>36</sup>Kr-85

MAT 3646

He-3 Production  
Cross Section

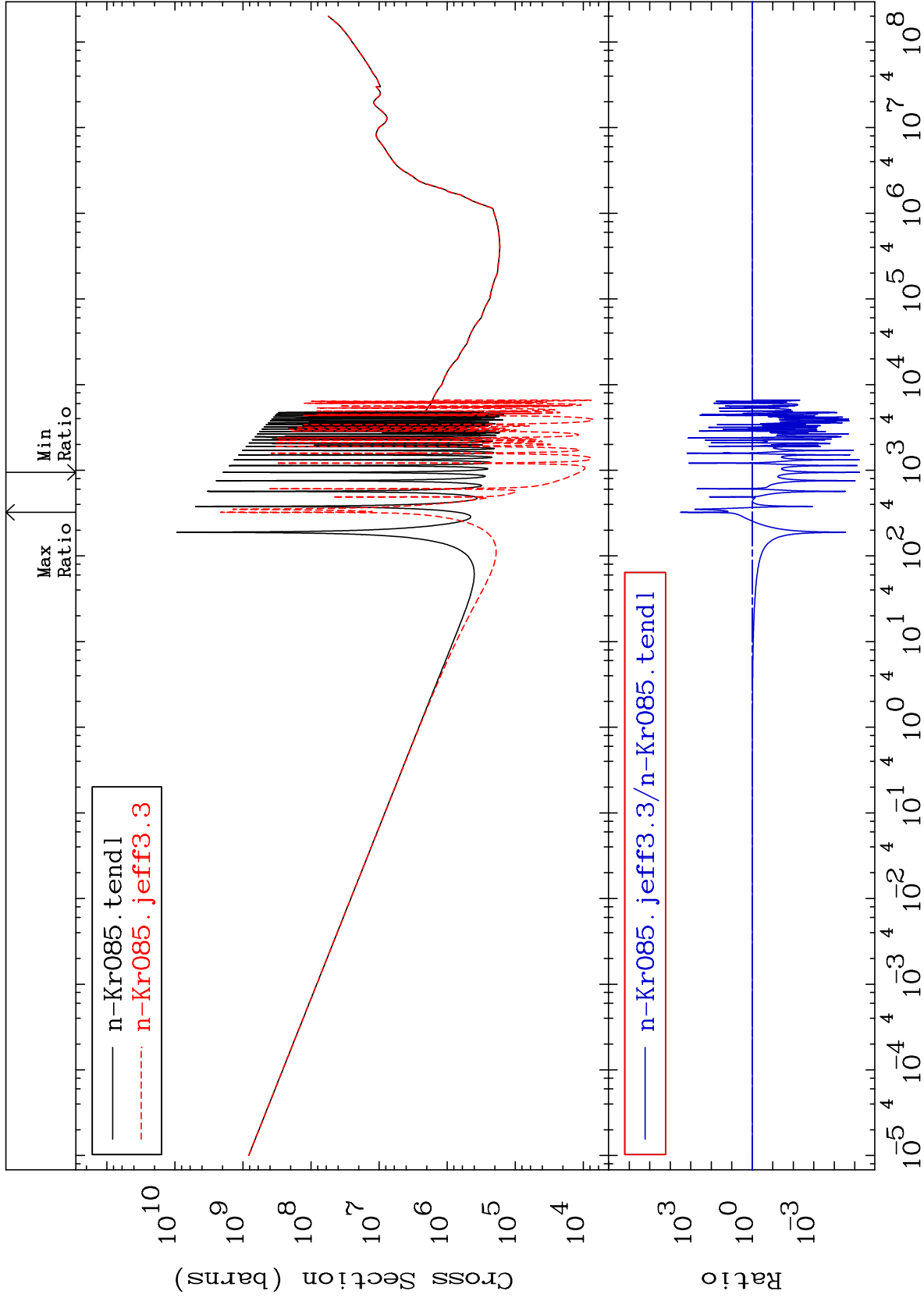
36-Kr-85  
To 0.129 %





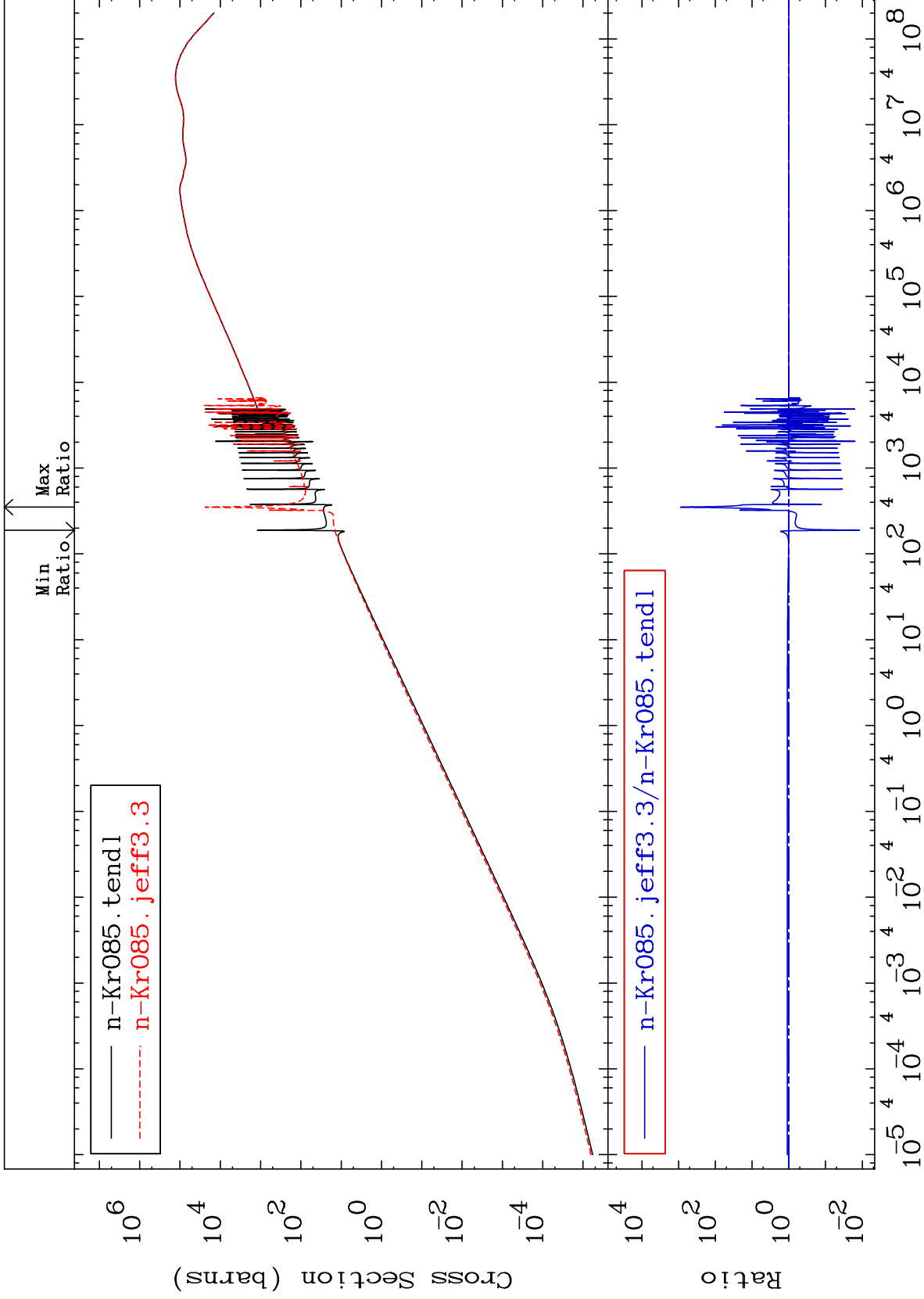
-100.0 To 9999. %

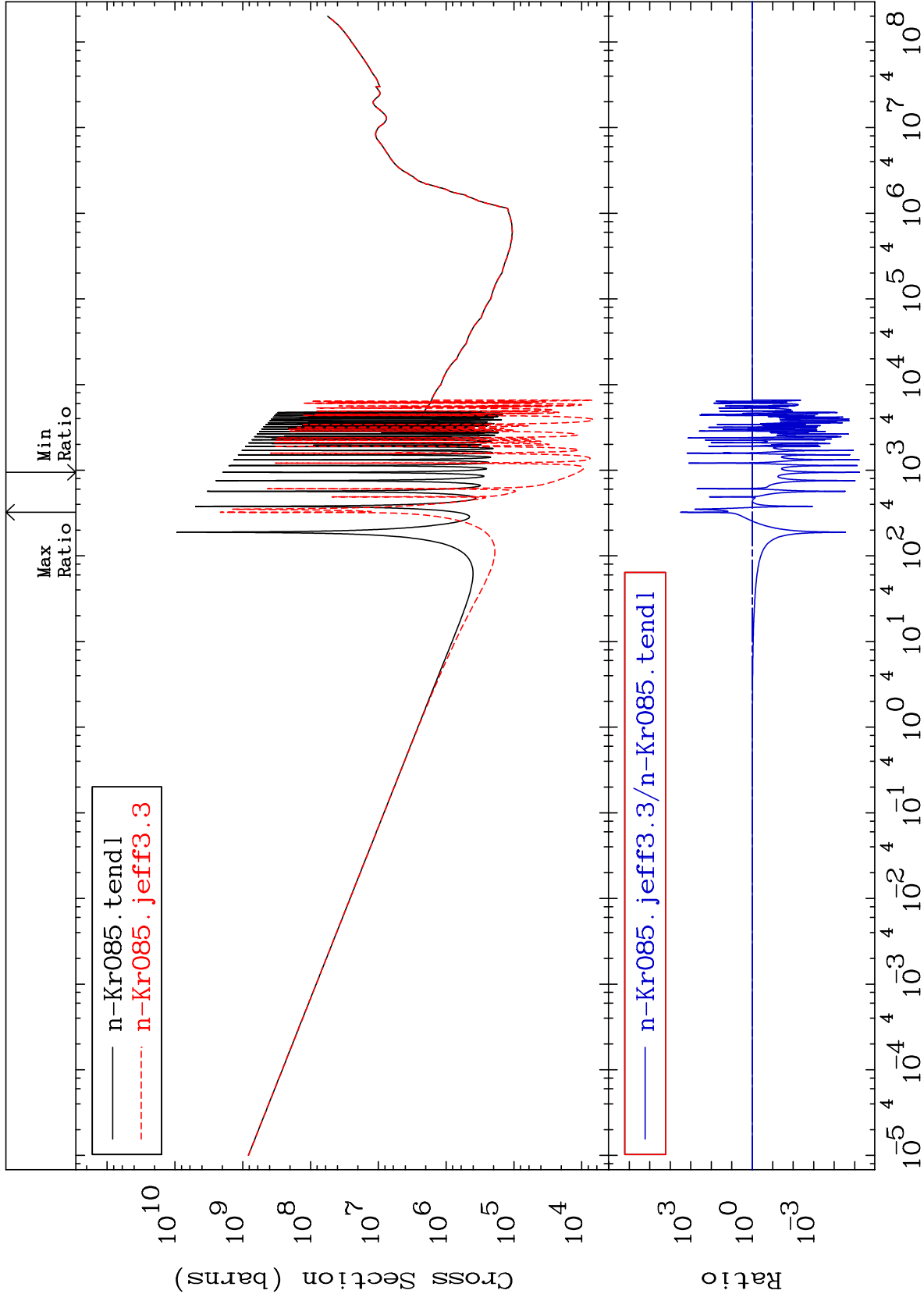
Cross Section

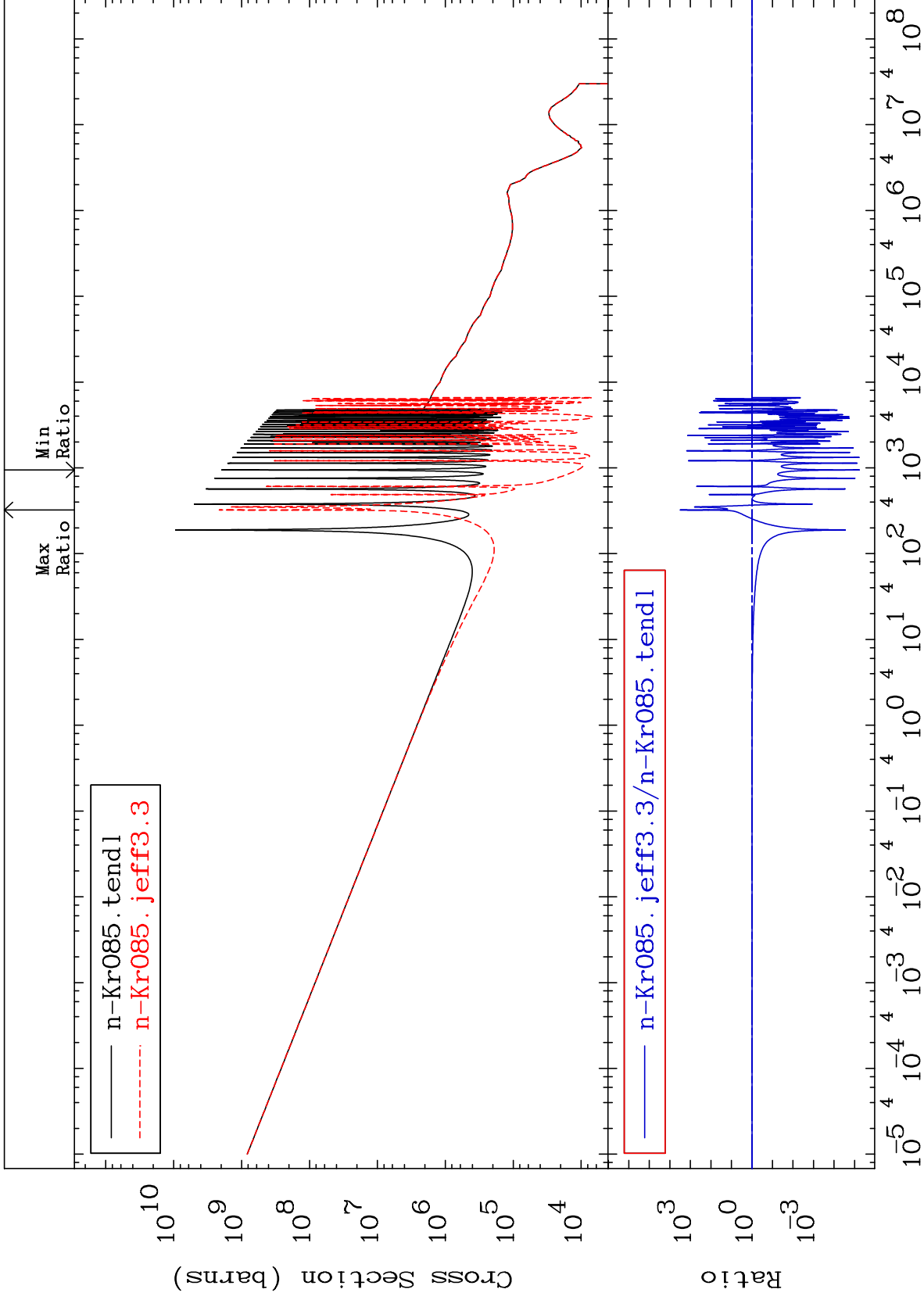


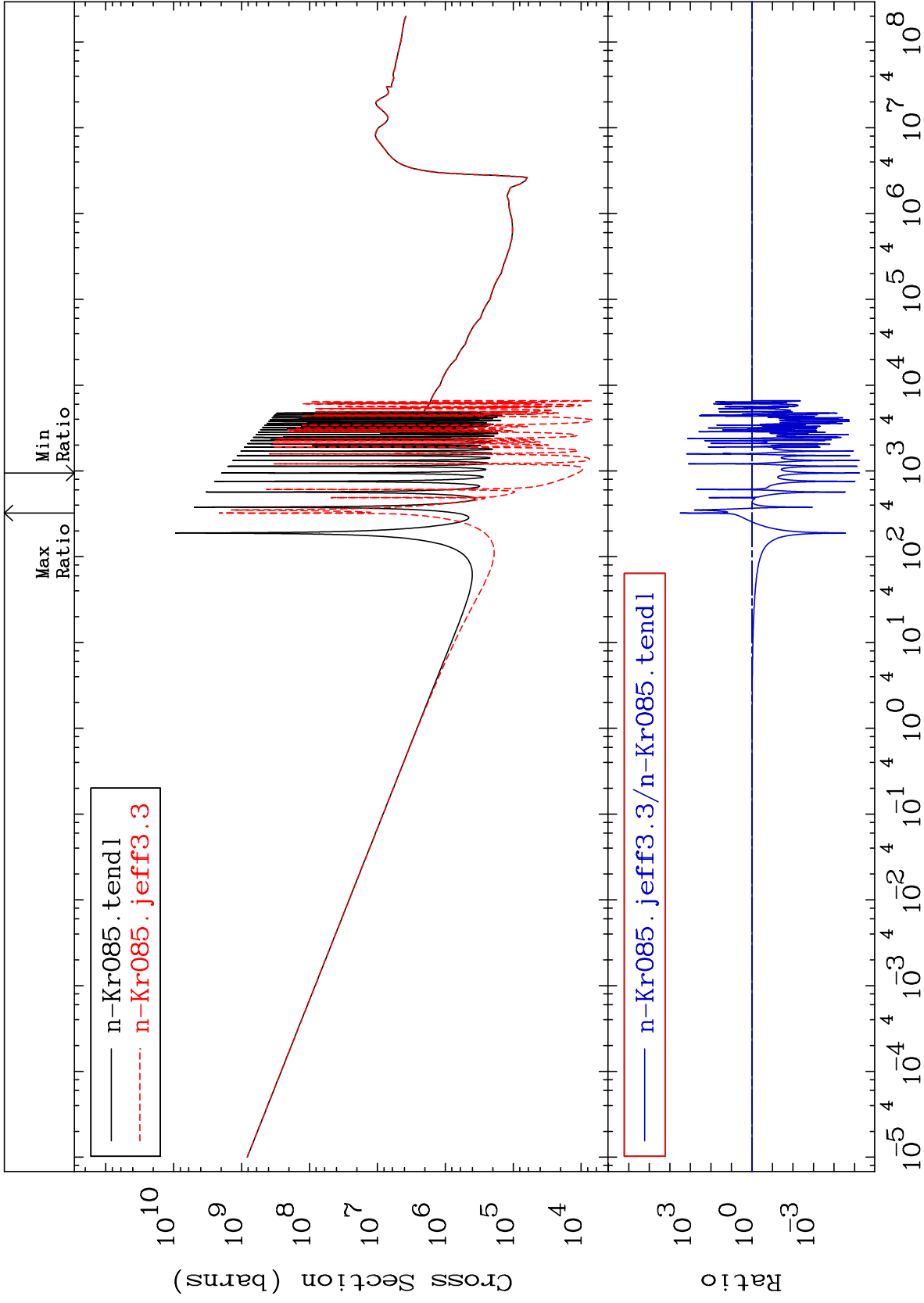
— n-Kr085.tendl  
- - - n-Kr085.jeff3.3

— n-Kr085.jeff3.3/n-Kr085.tendl

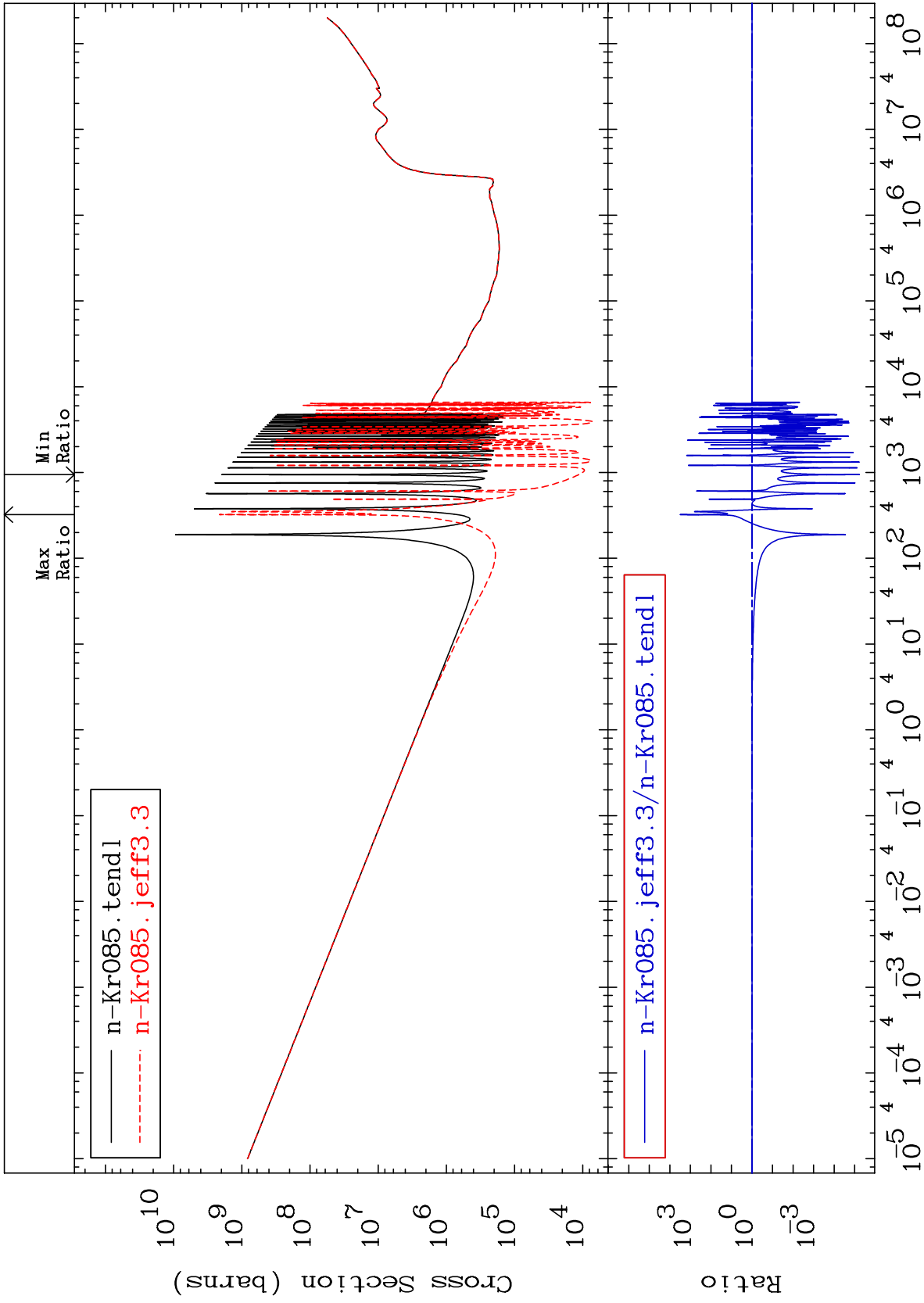


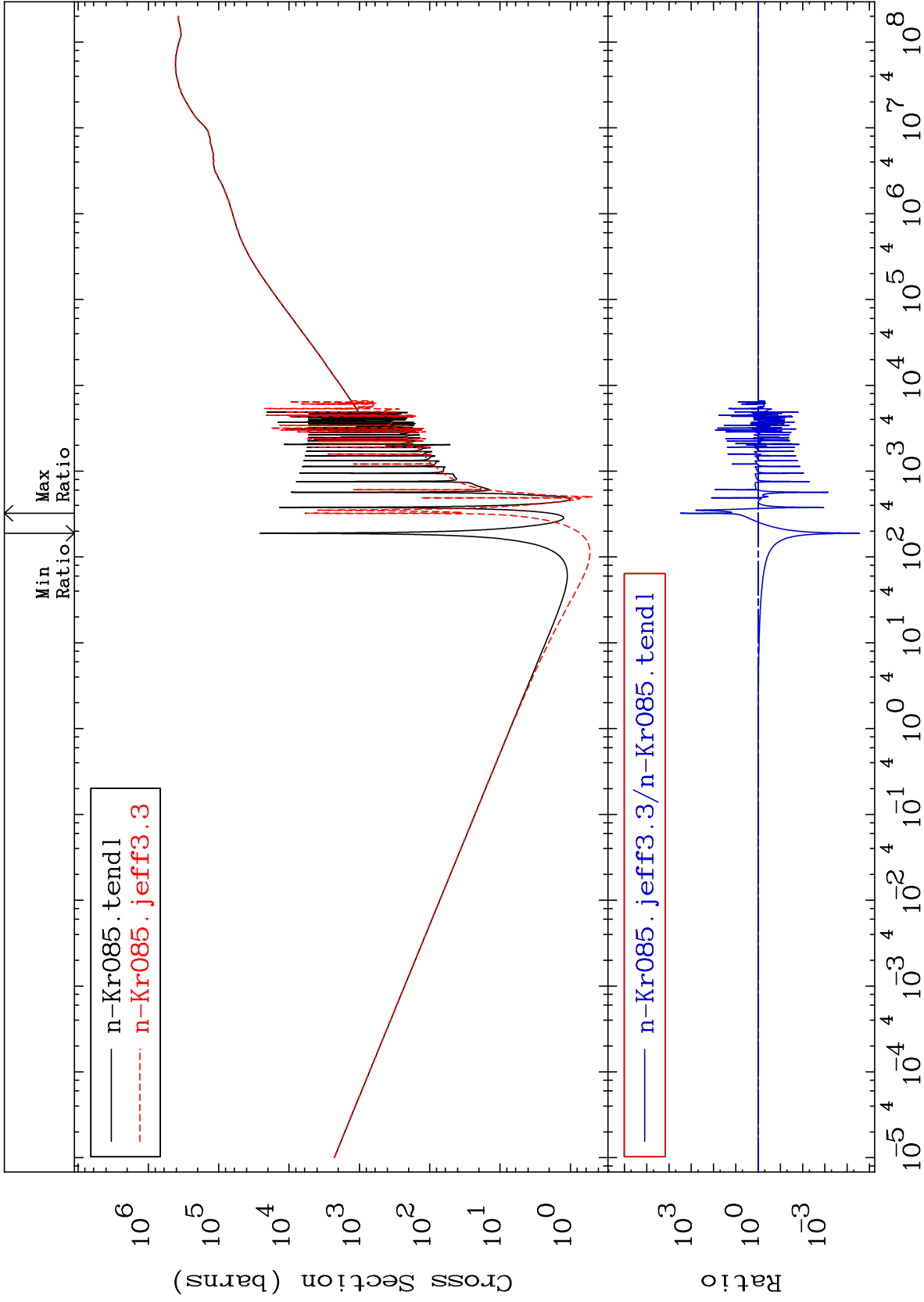








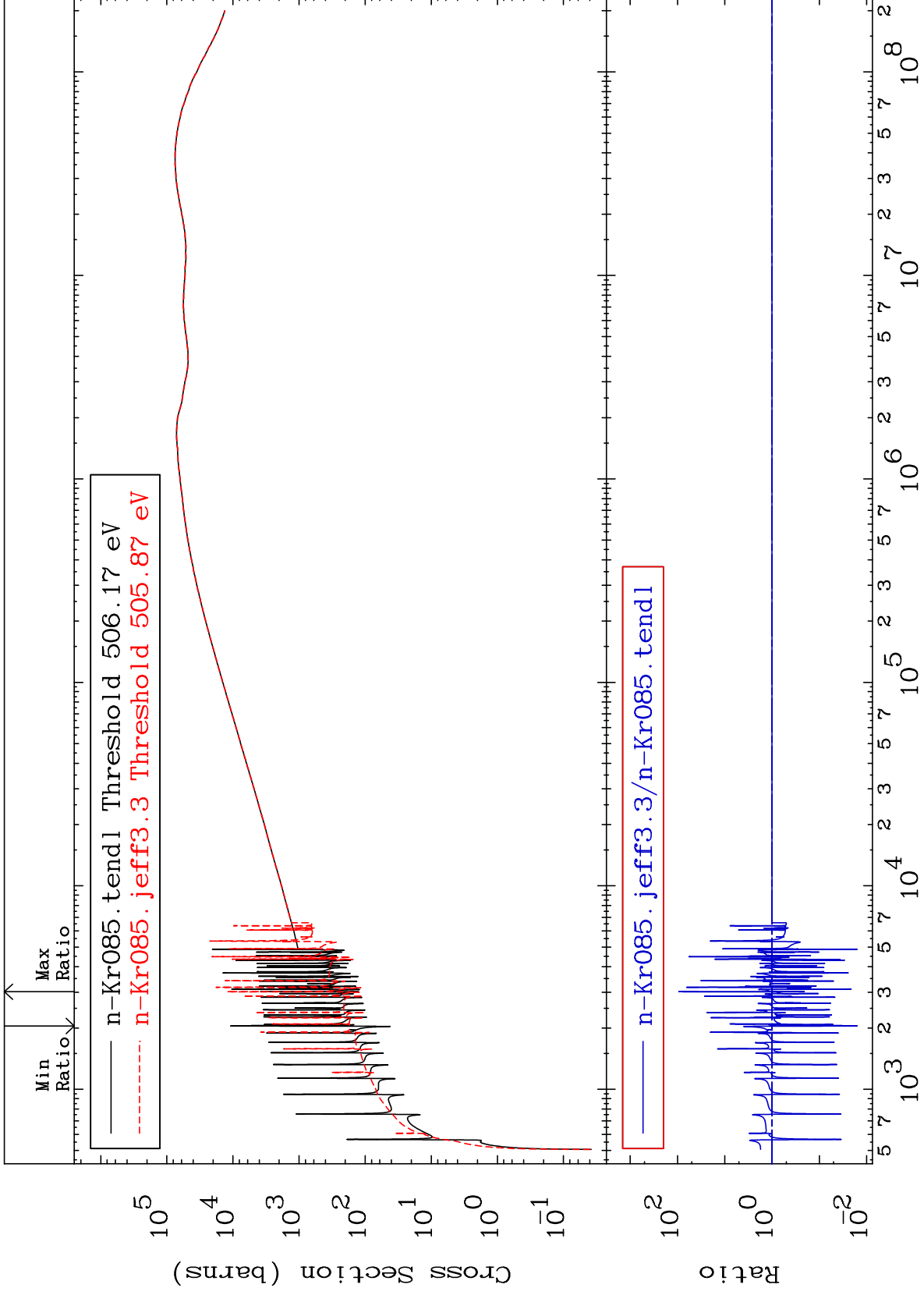


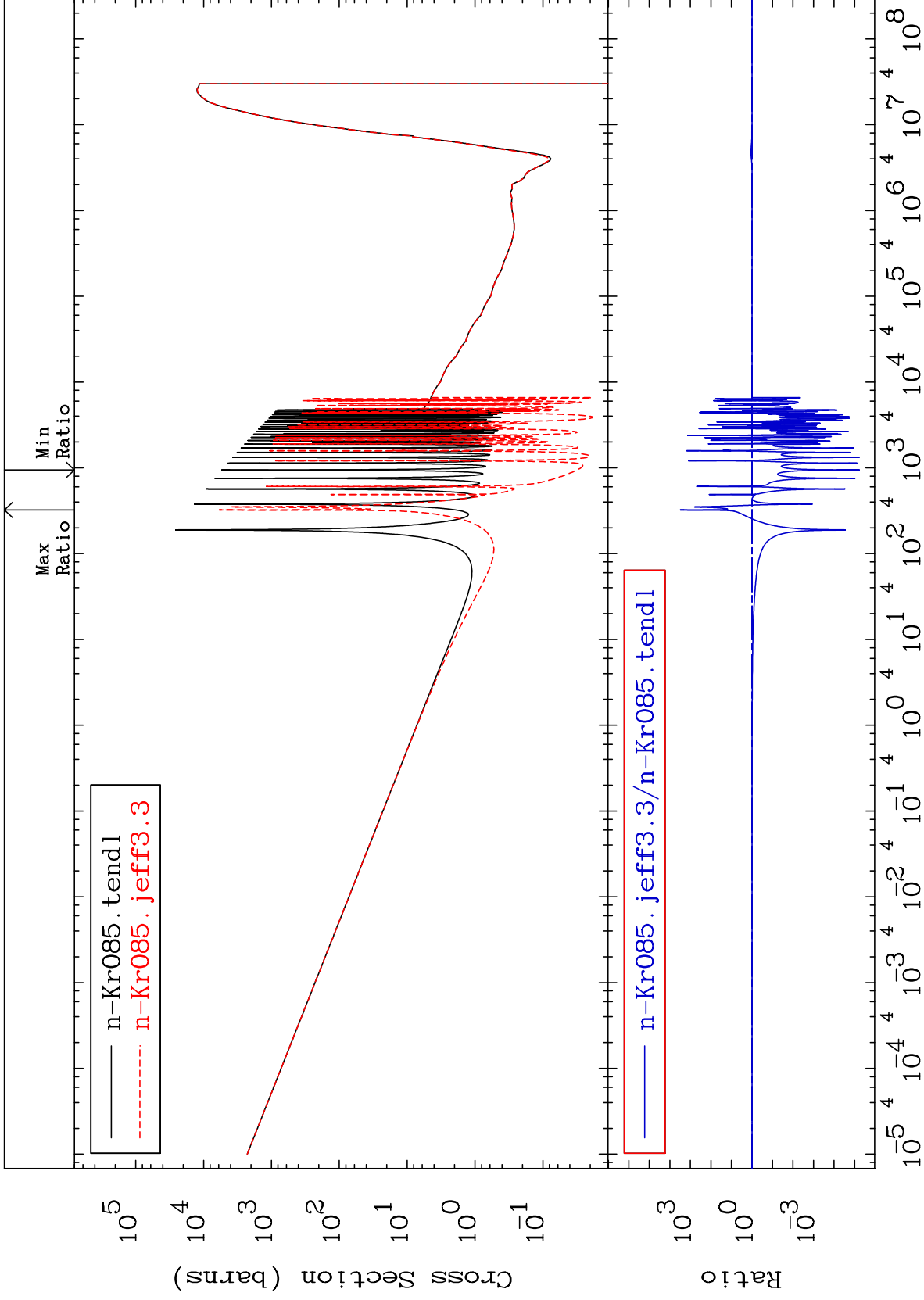


MAT 3646

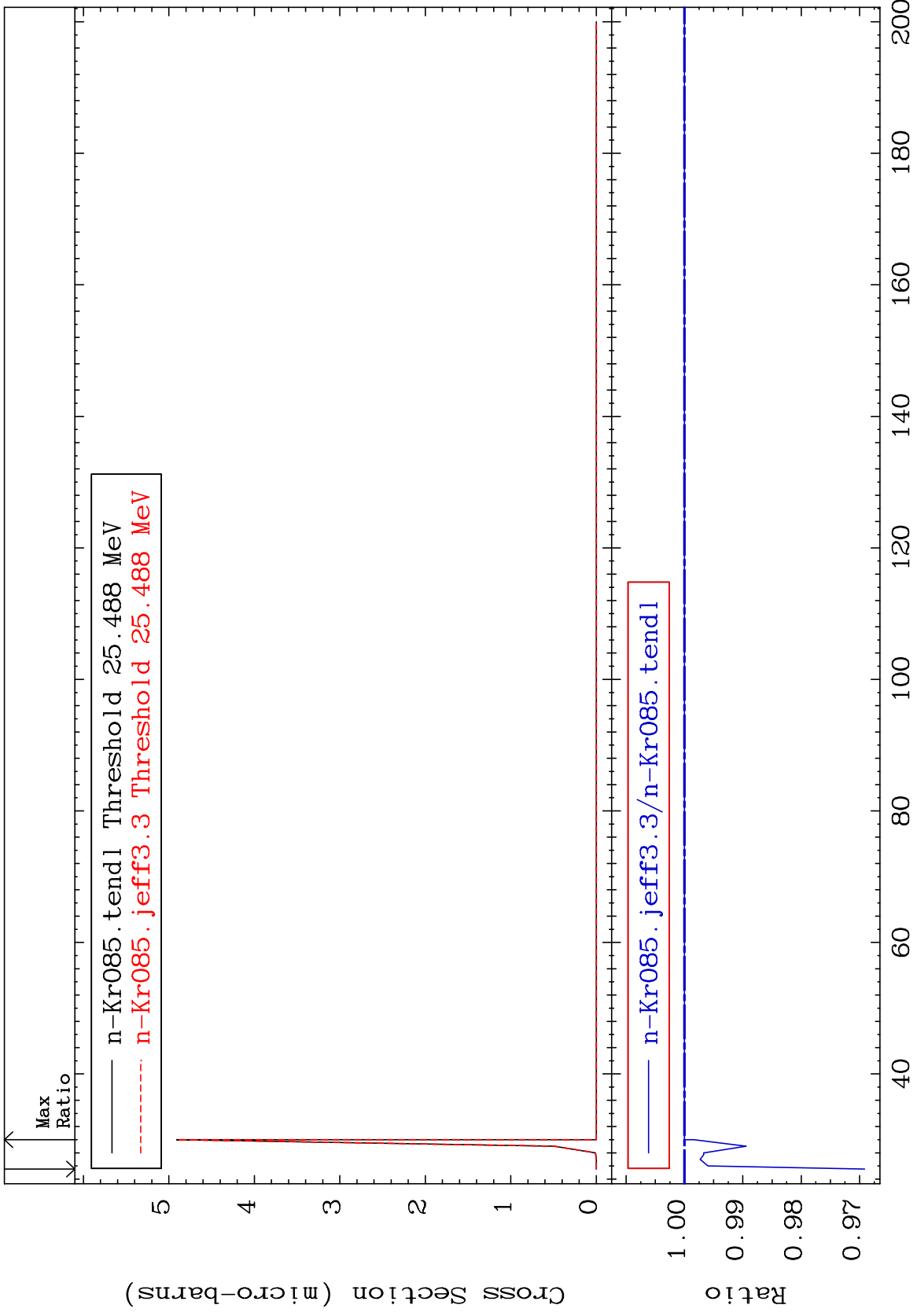
Dpa elastic (mt2)  
Cross Section

36-Kr-85  
-98.42 To 9345. %

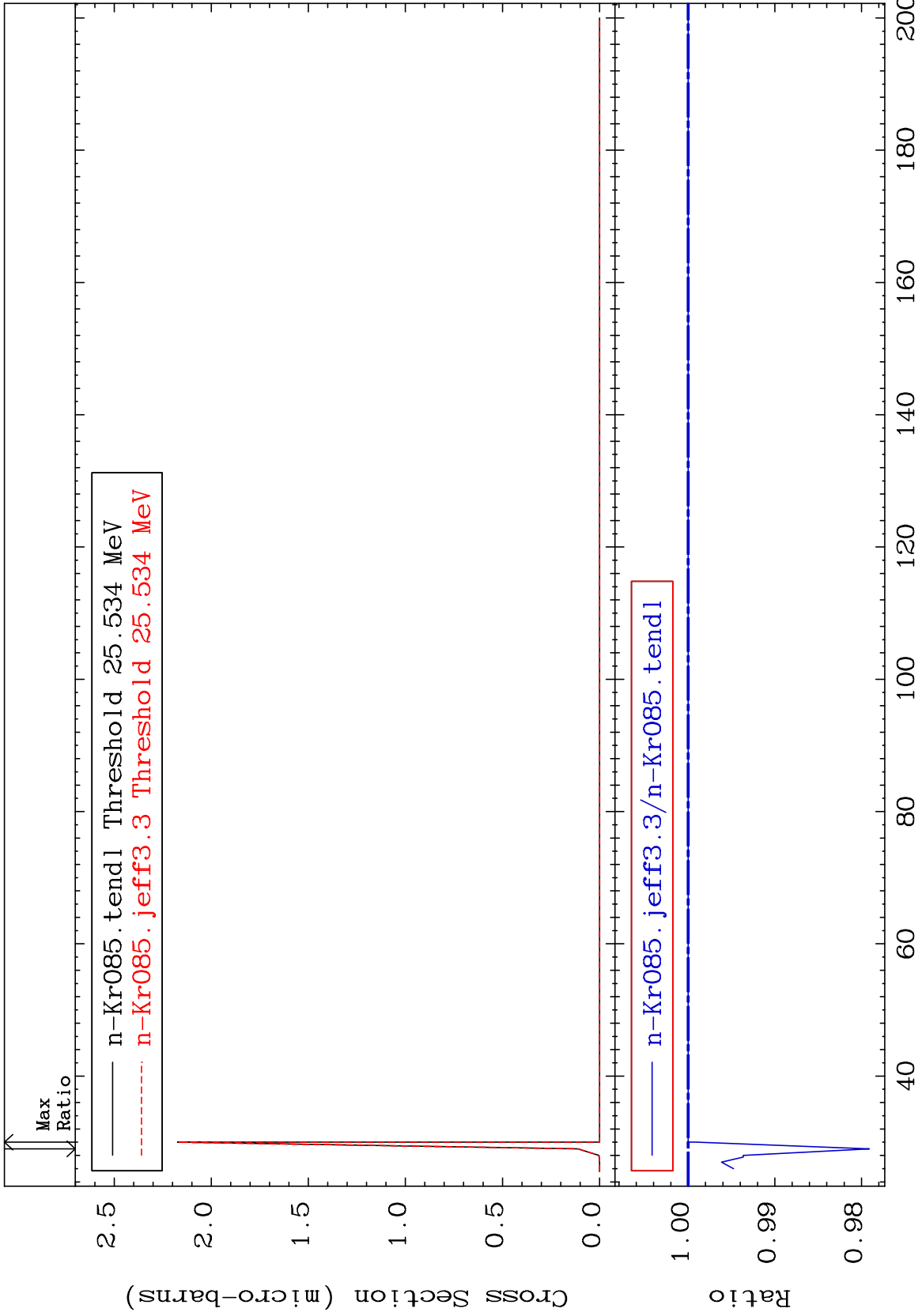




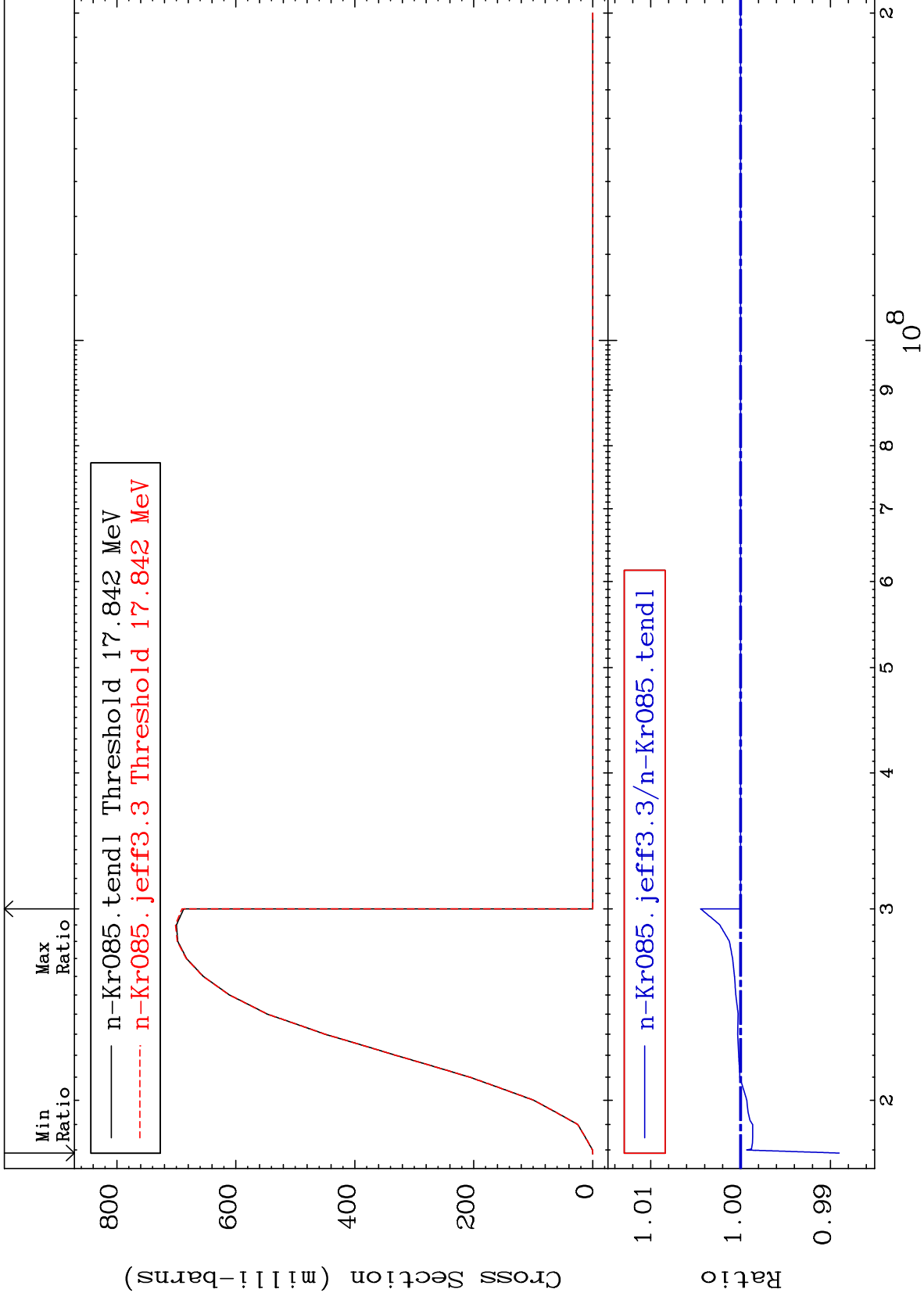
Radionuclide Production Cross Section -3.086 To 0.000 %



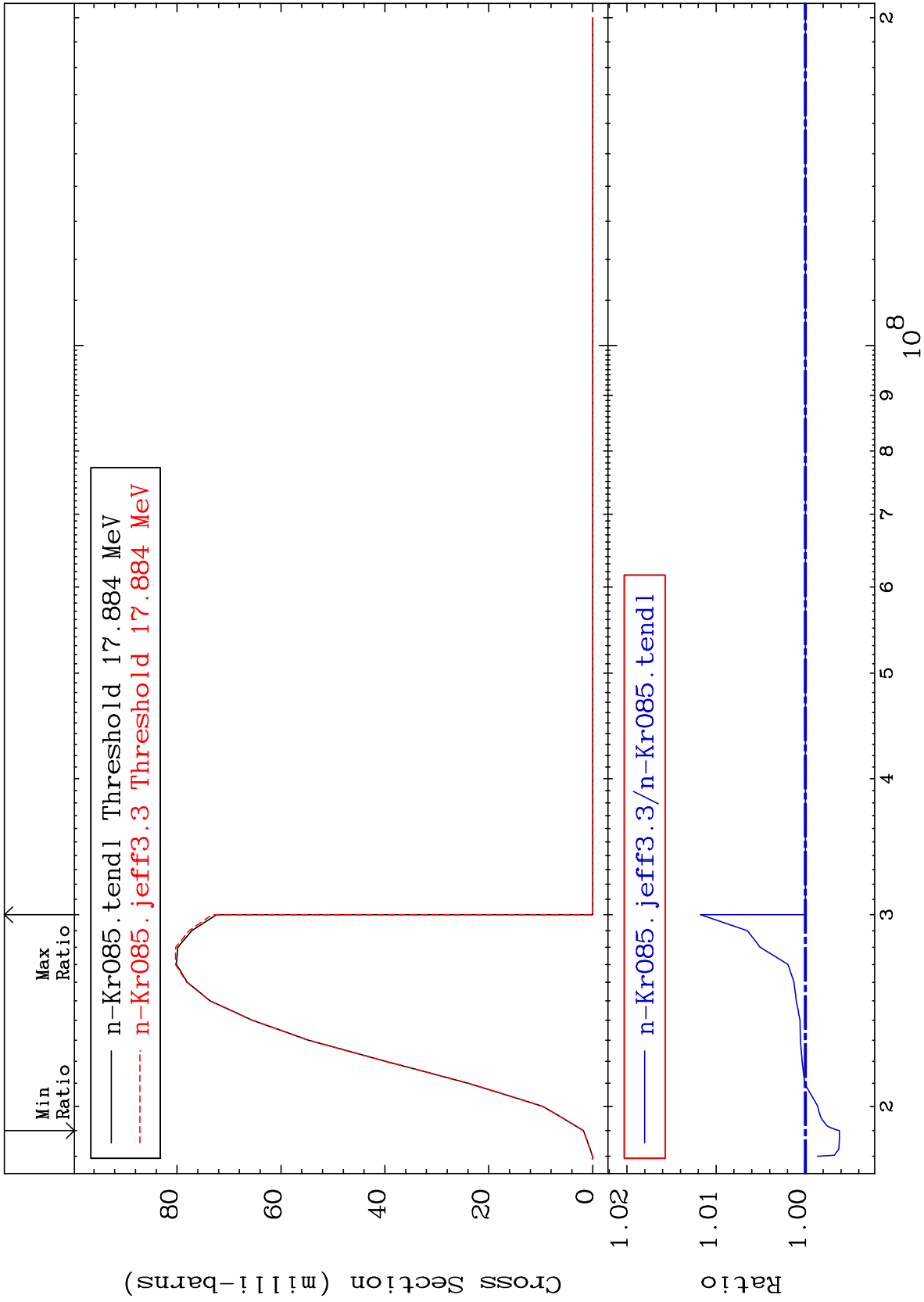
Radionuclide Production Cross Section -2.091 To 0.000 %



Radionuclide Production Cross Section -1.098 To 0.444 %

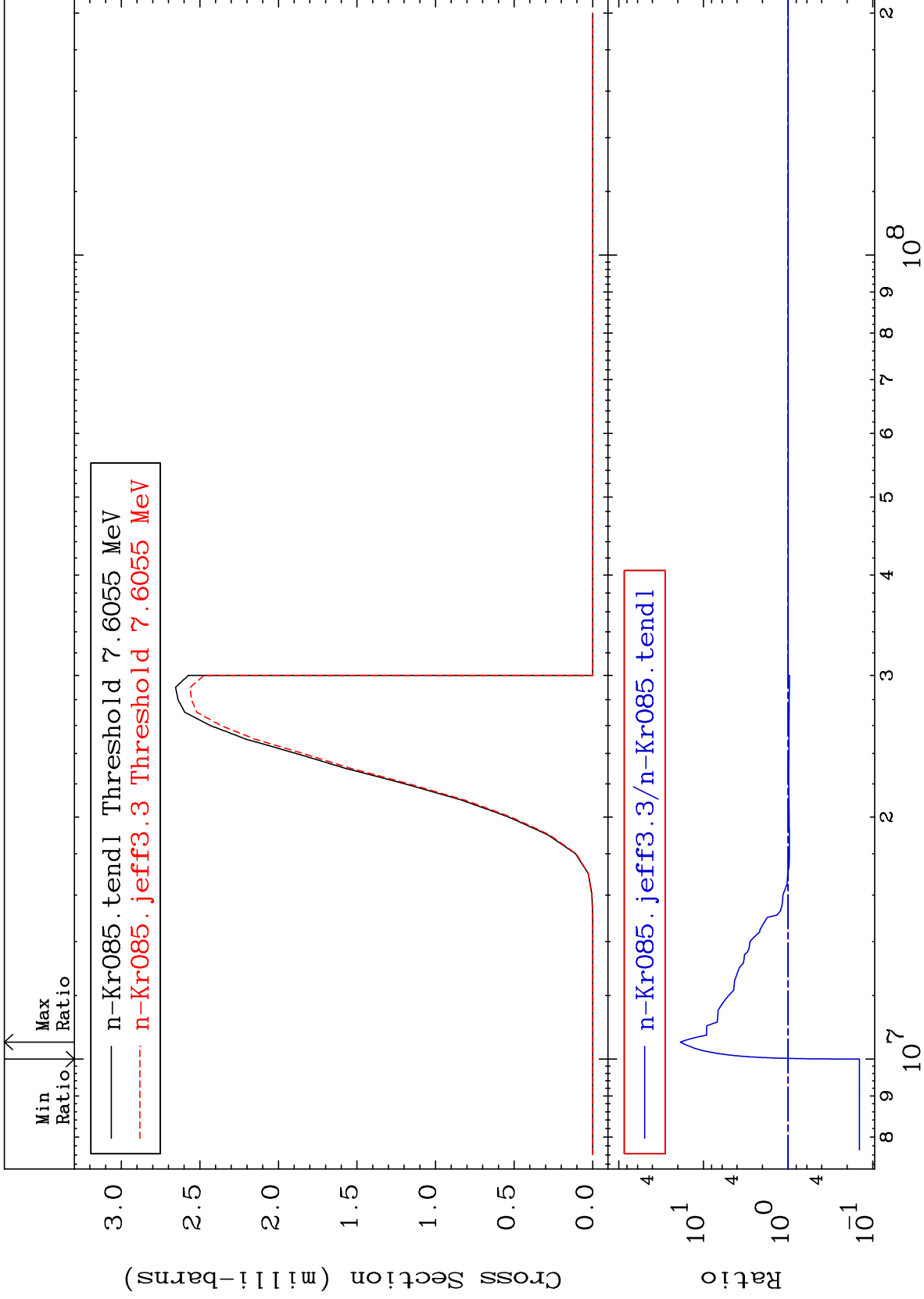


Radionuclide Production Cross Section -0.383 To 1.178 %

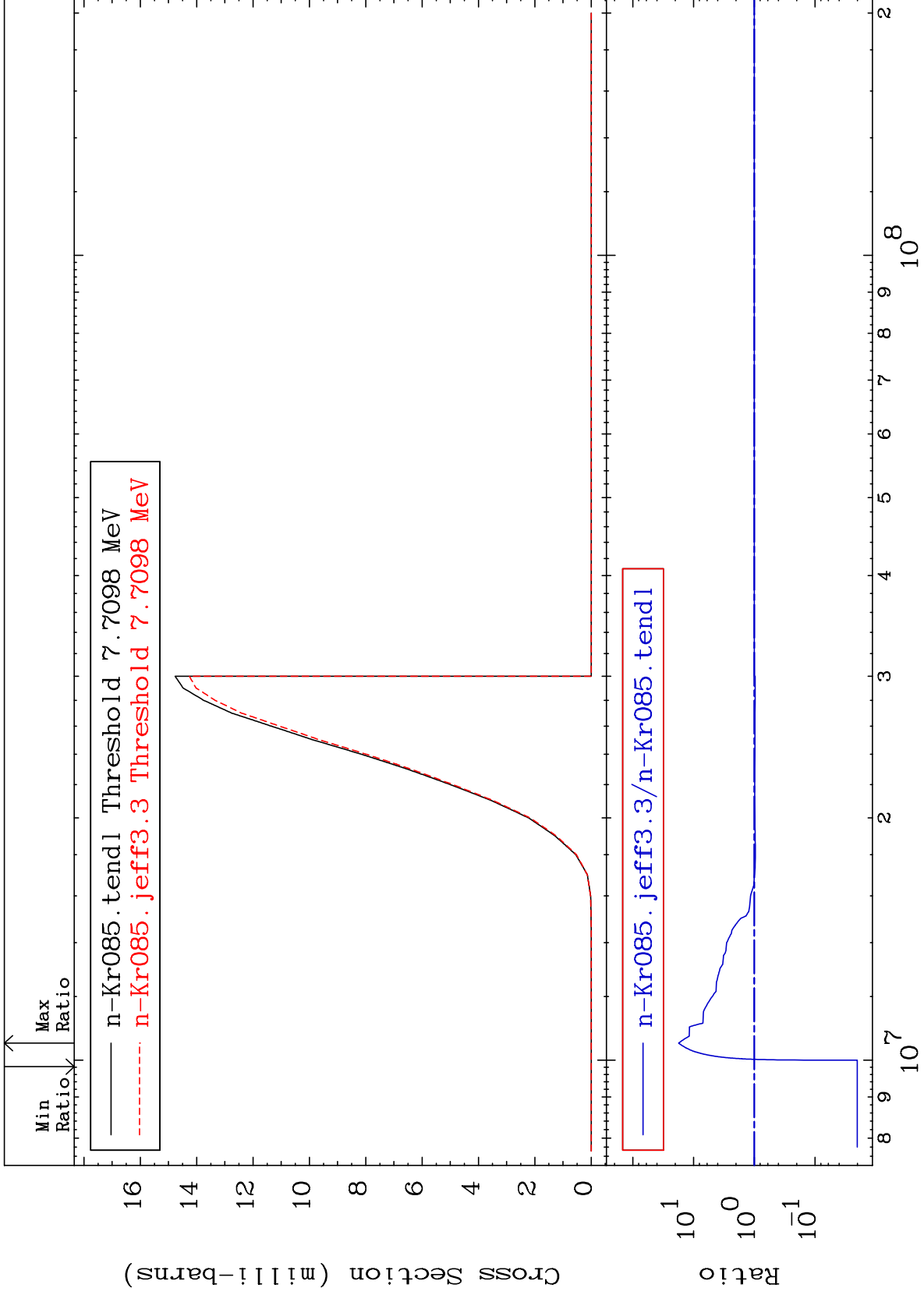




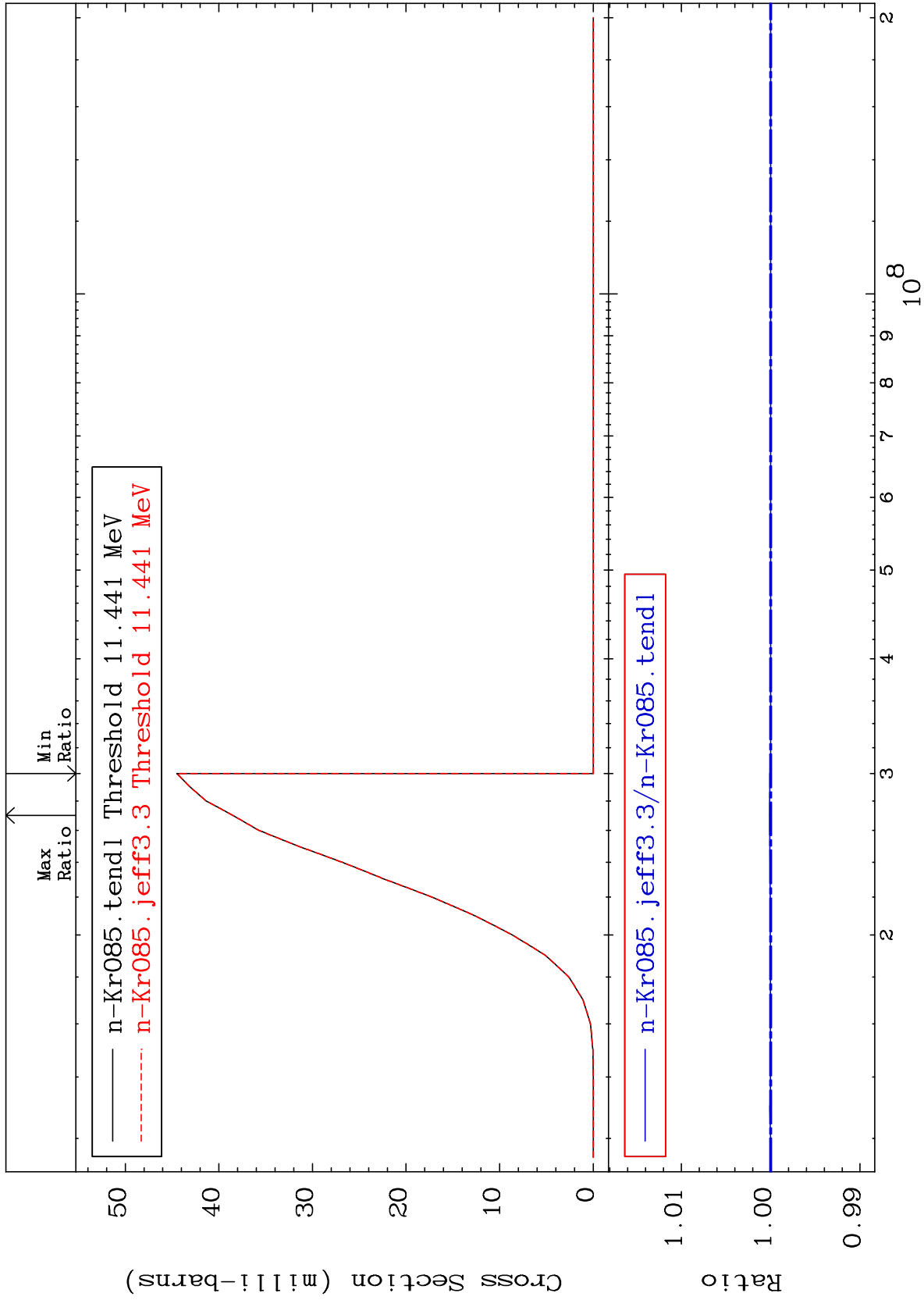
Radionuclide Production Cross Section -85.67 To 1770. %



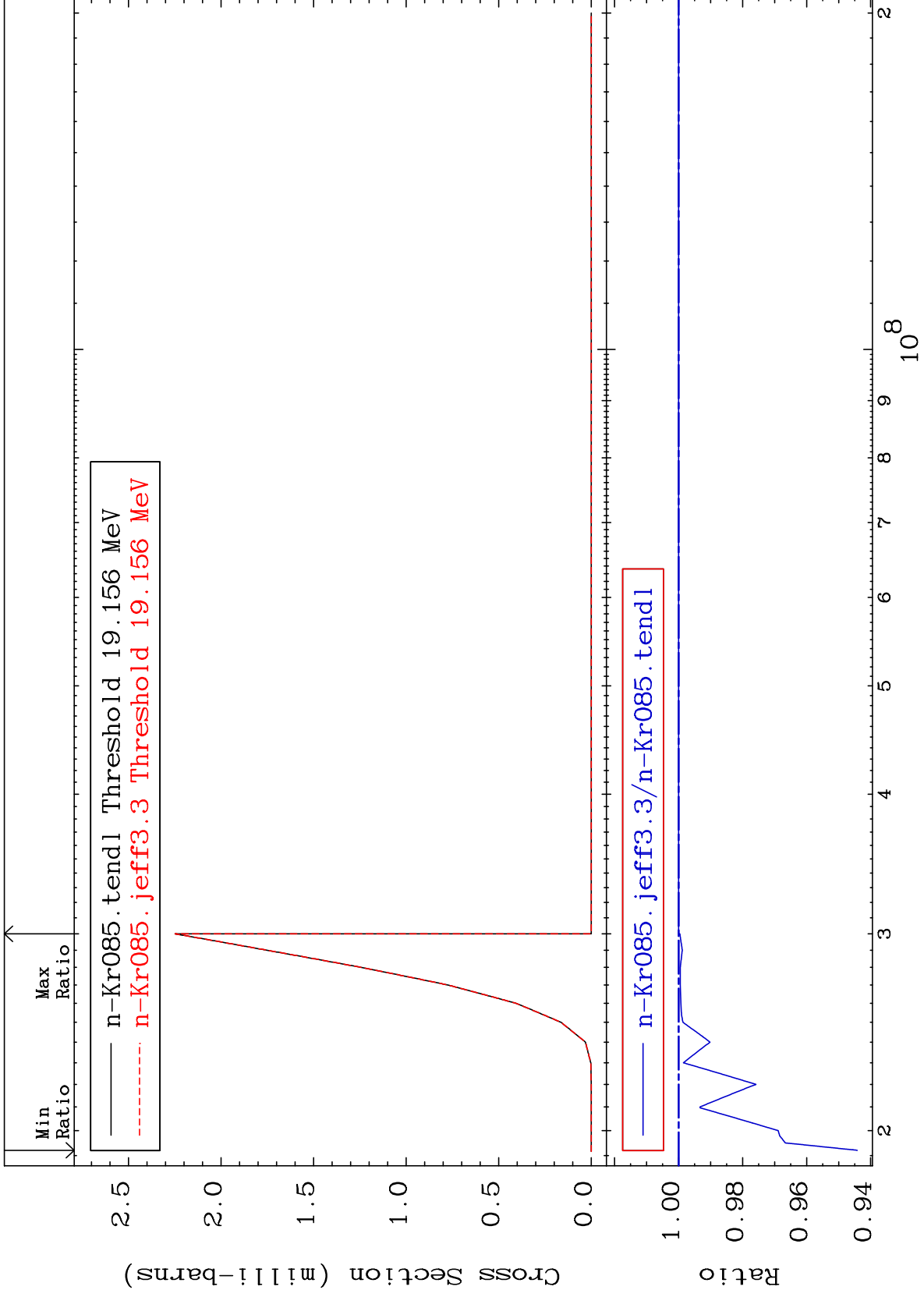
Radionuclide Production Cross Section -97.99 To 1661. %



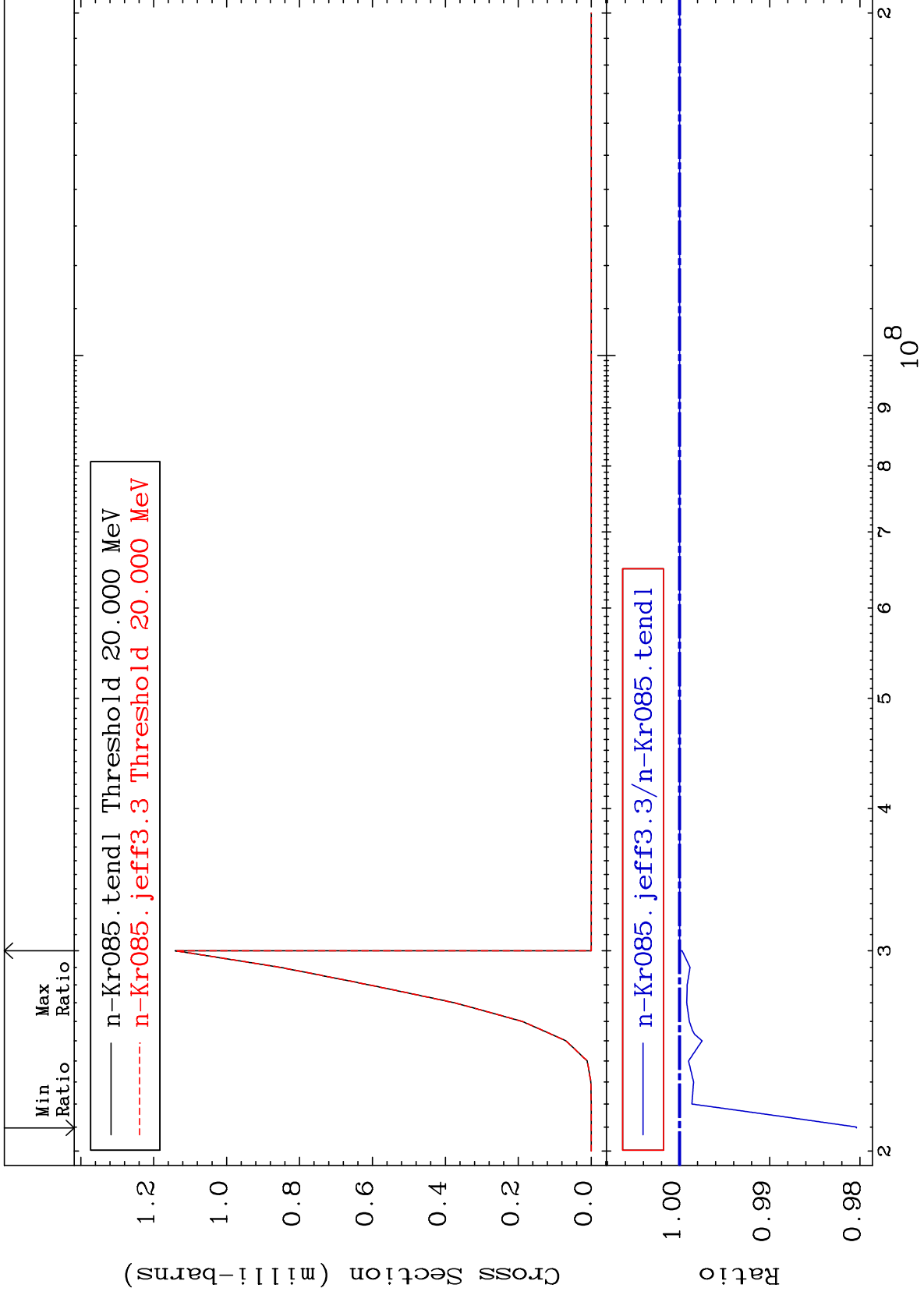
Radionuclide Production Cross Section 0.000 To 0.011 %

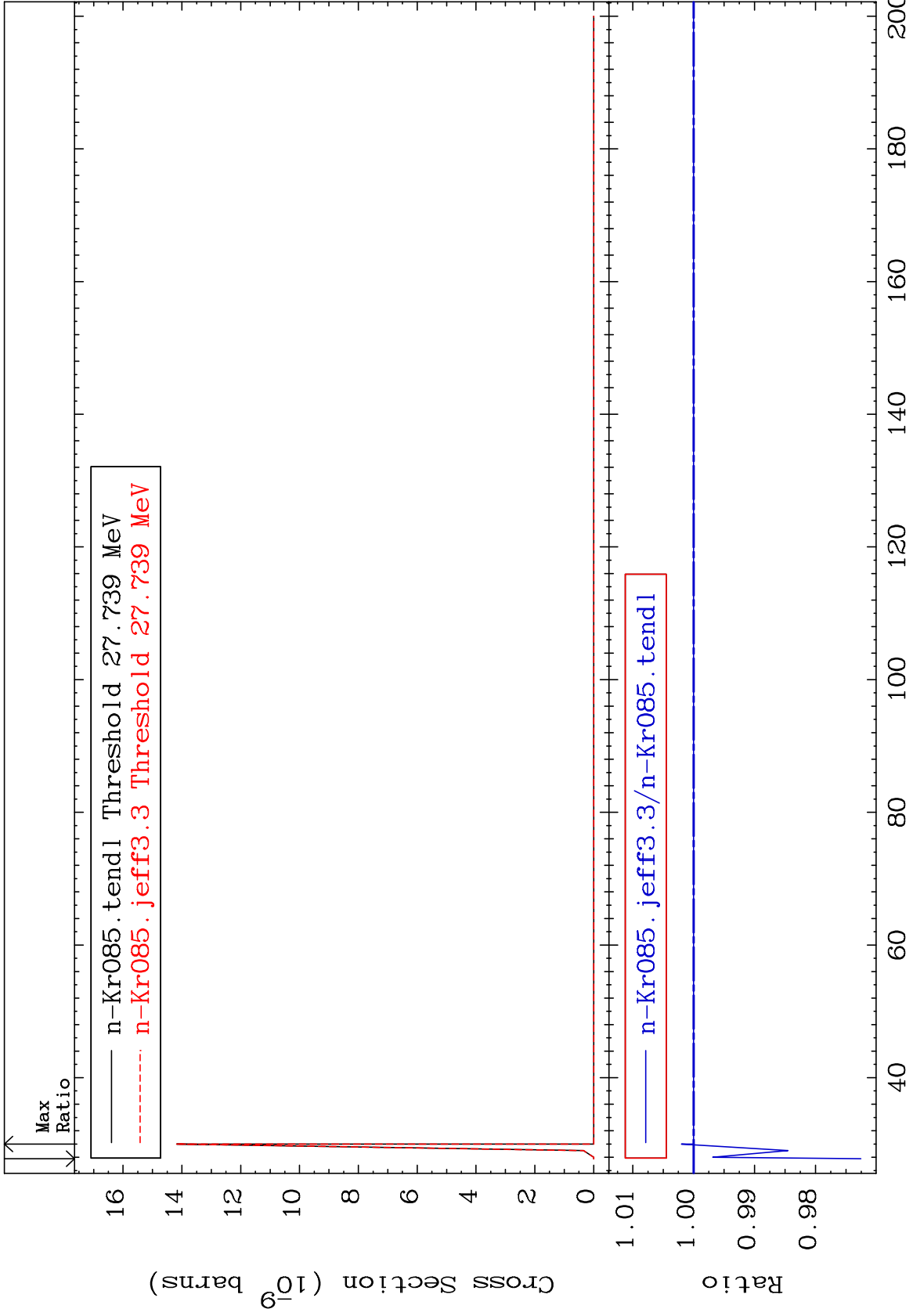


Radionuclide Production Cross Section -5.581 To 0.000 %

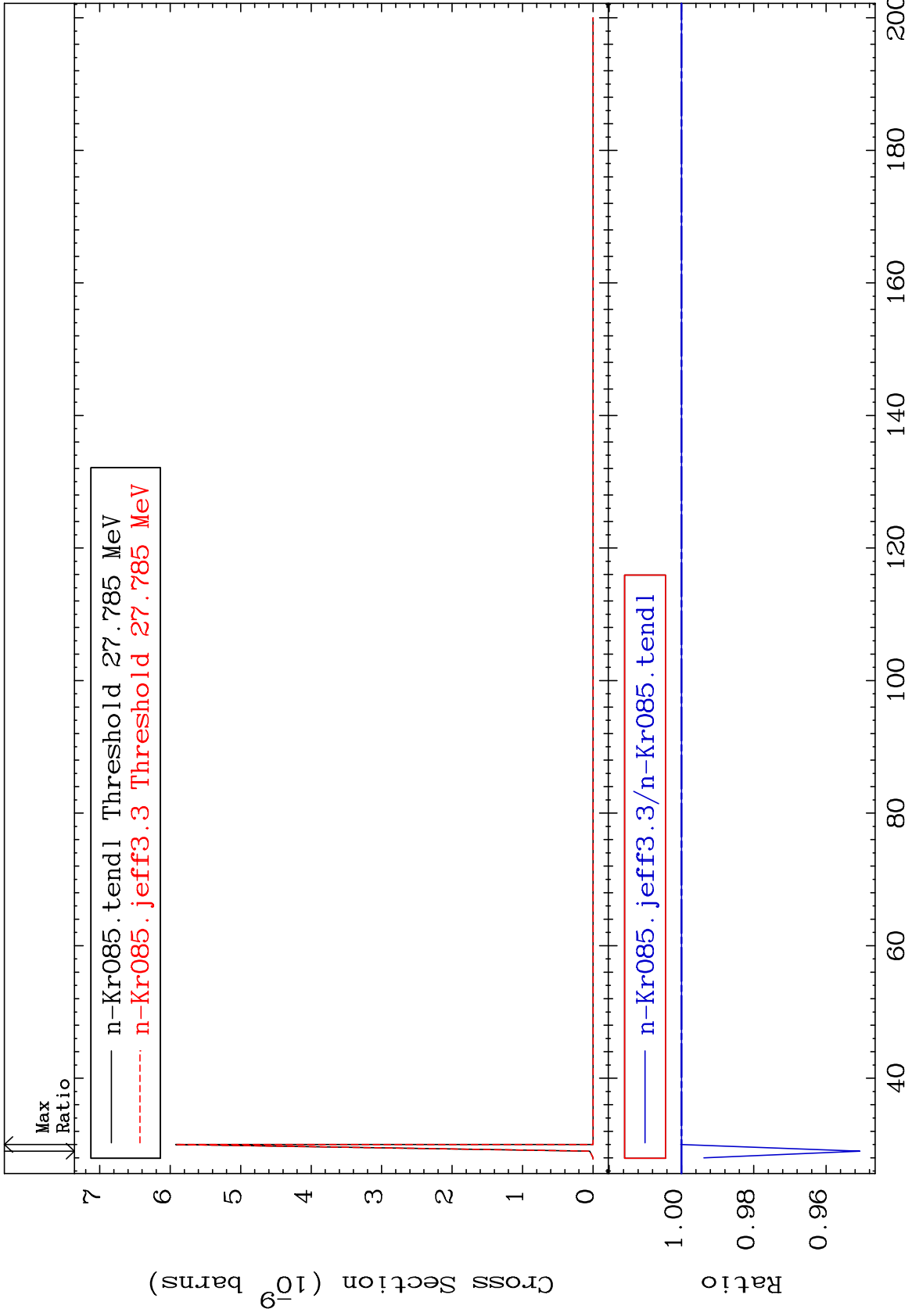


Radionuclide Production Cross Section -1.960 To 0.000 %





Radionuclide Production Cross Section -4.935 To 0.020 %

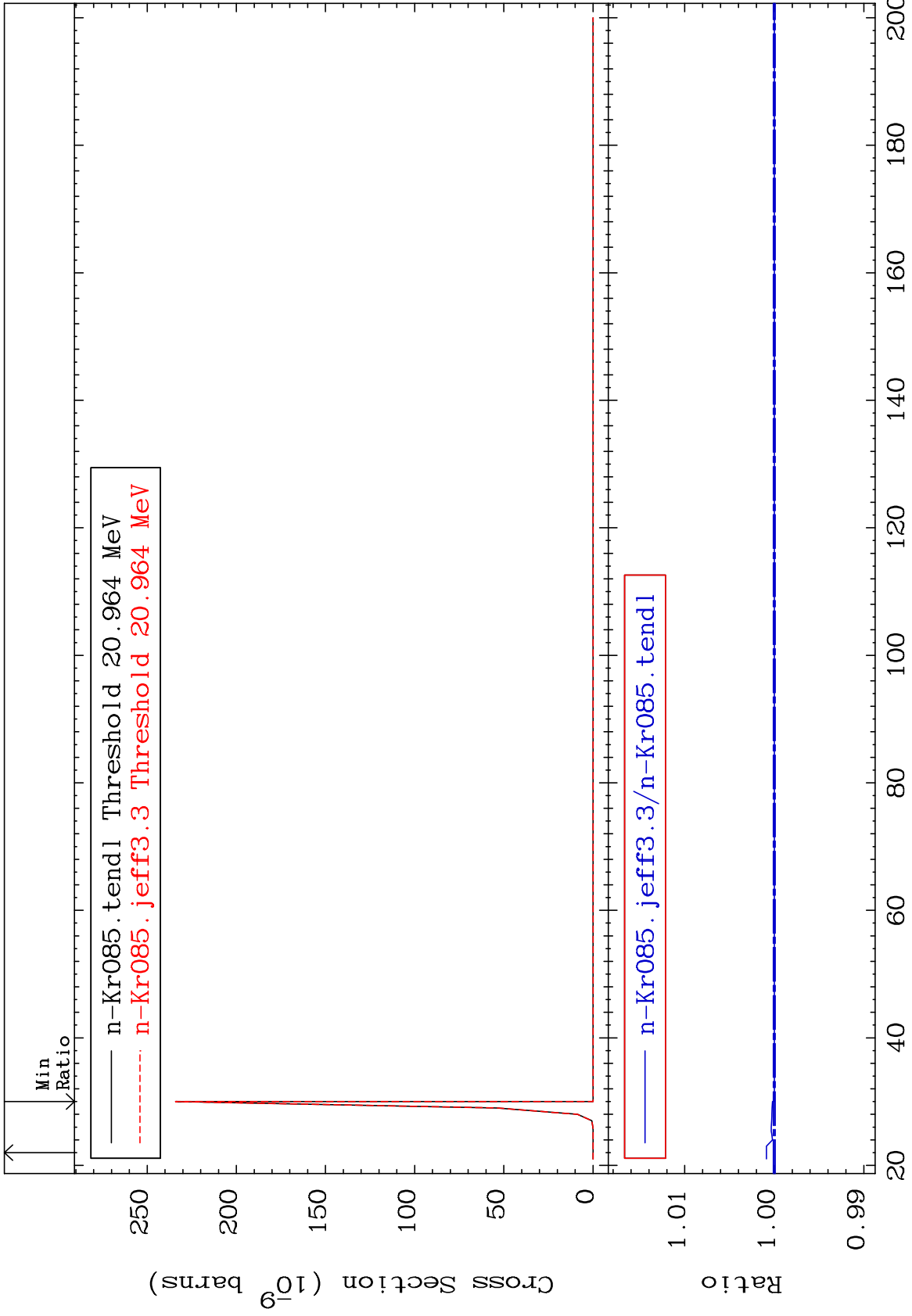


MAT 3646

(n,2n) p:34-Se-83g

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.089 %



56

Incident Energy (MeV)

36-Kr-85

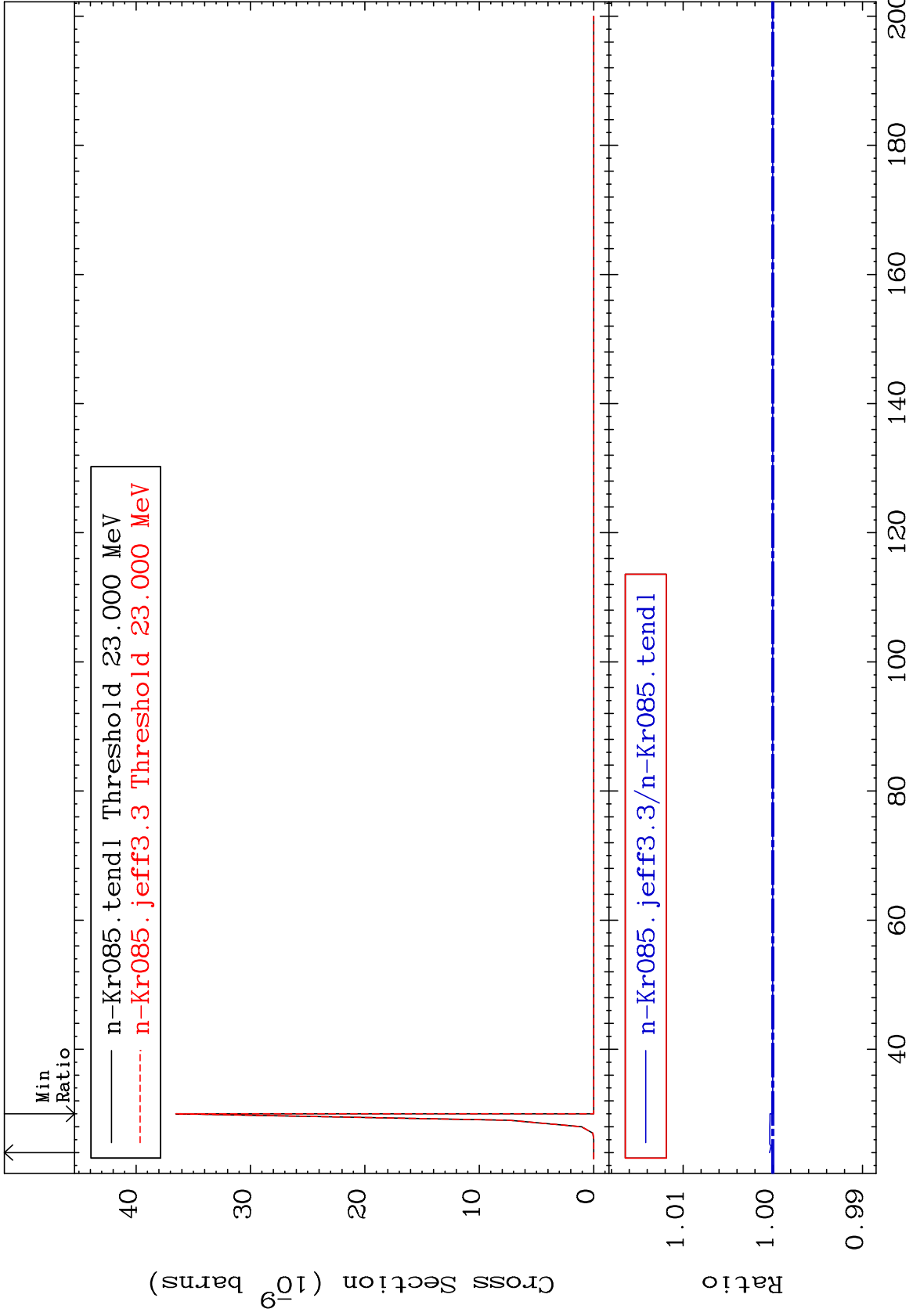


MAT 3646

(n,2n) p:34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.036 %

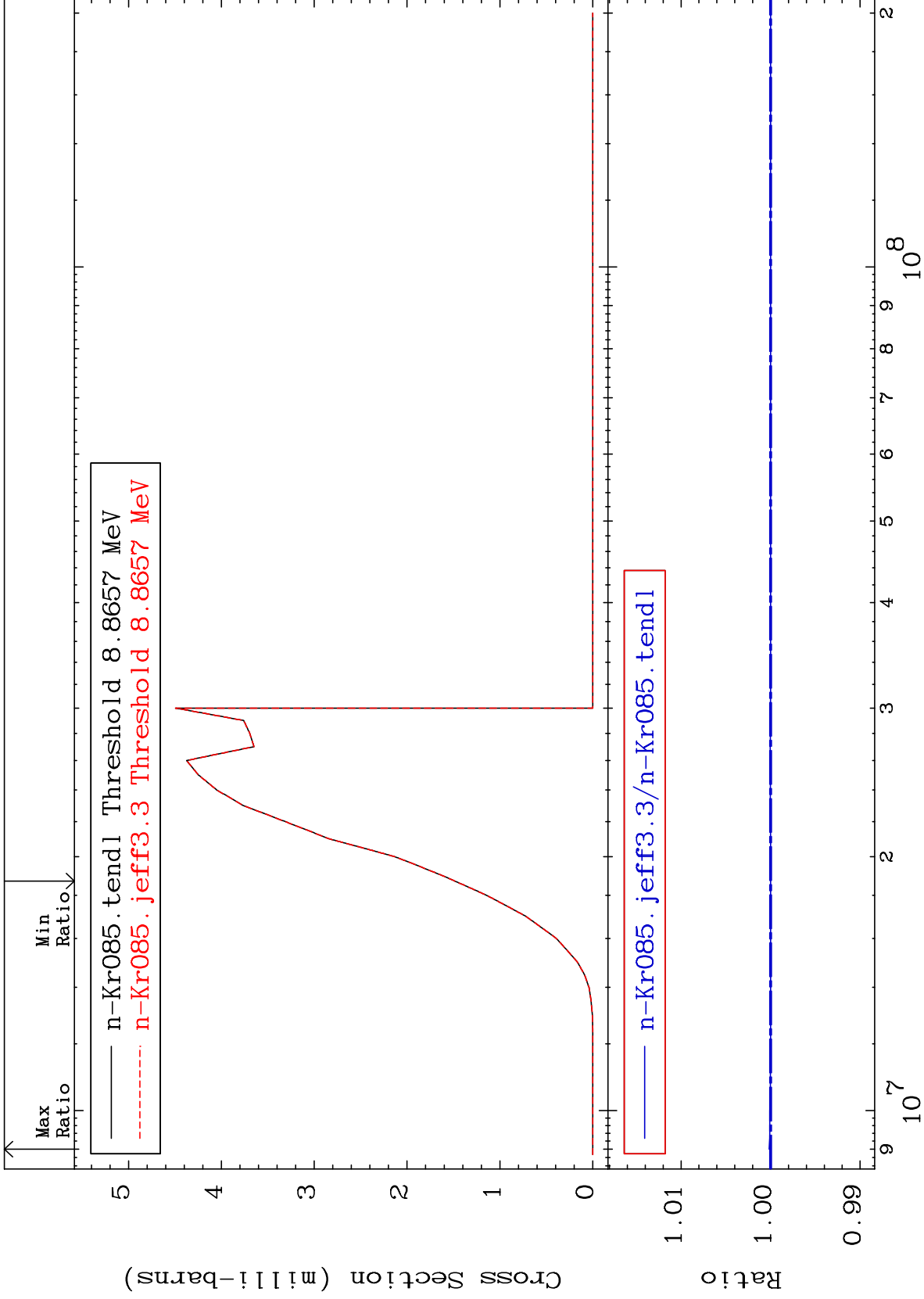


57

Incident Energy (MeV)

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.016 %

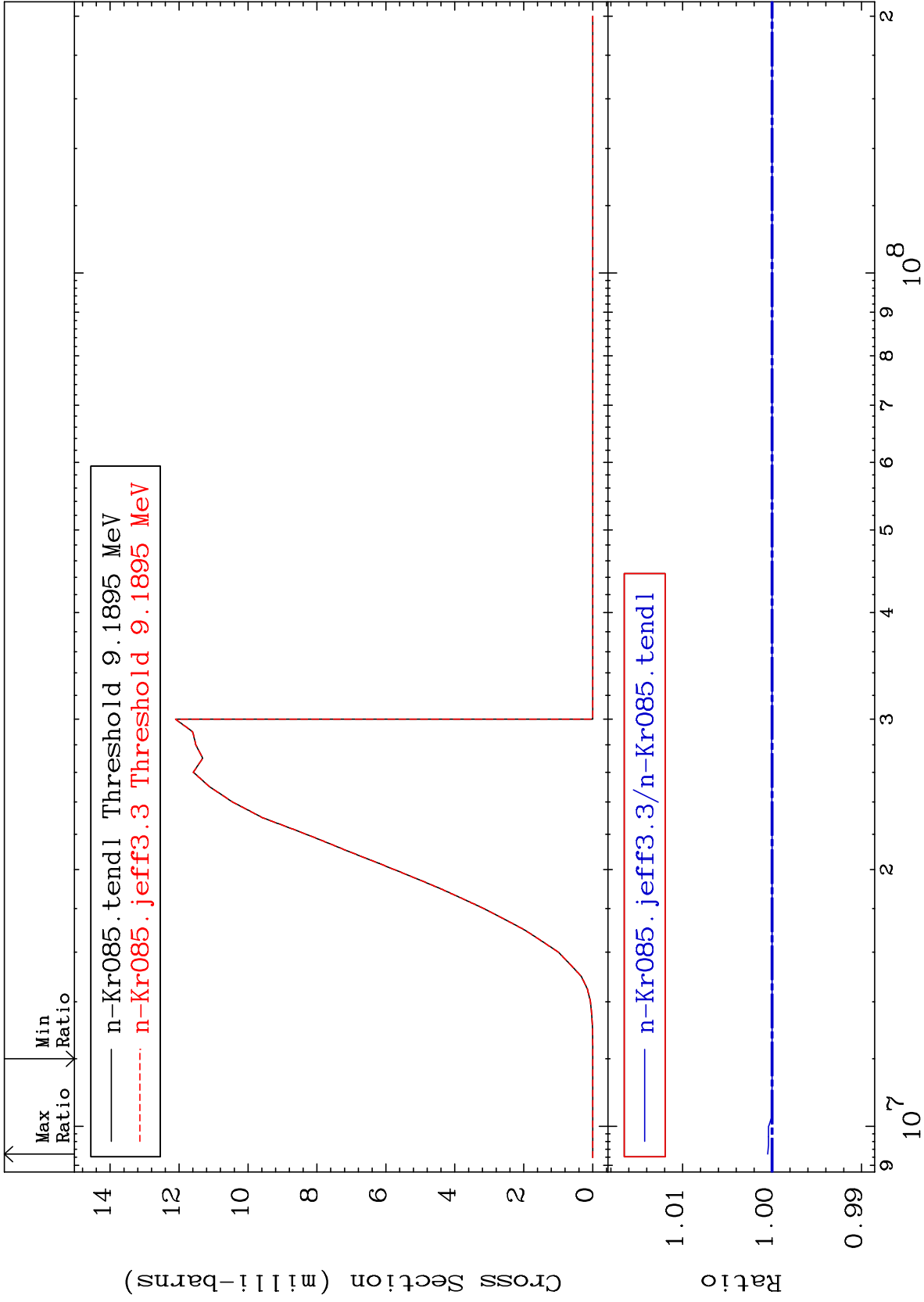


MAT 3646

(n, d) : 35-Br-84m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.049 %



59

Incident Energy (eV)

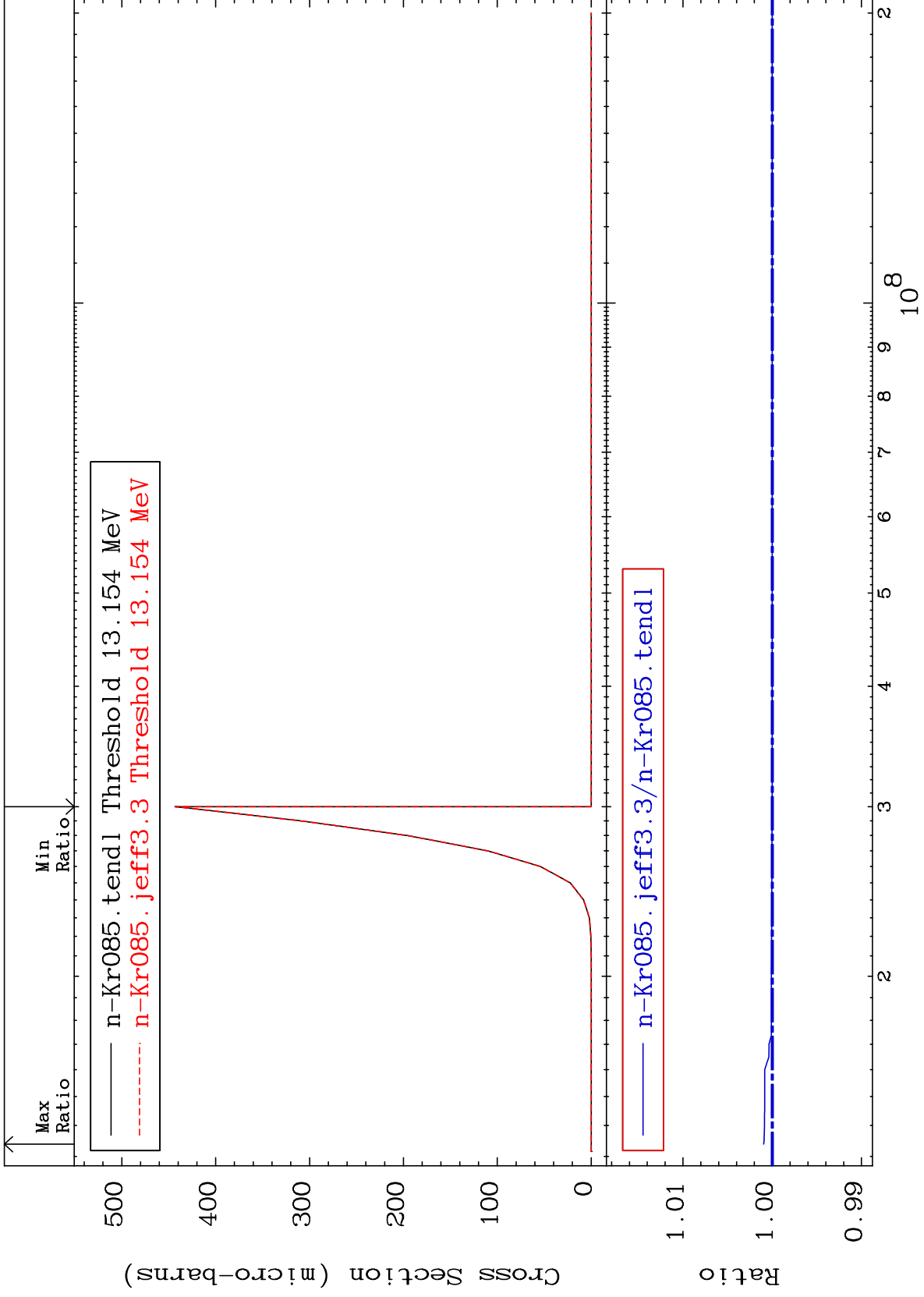
36-Kr-85

MAT 3646

(n,He-3):34-Se-83g

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.096 %

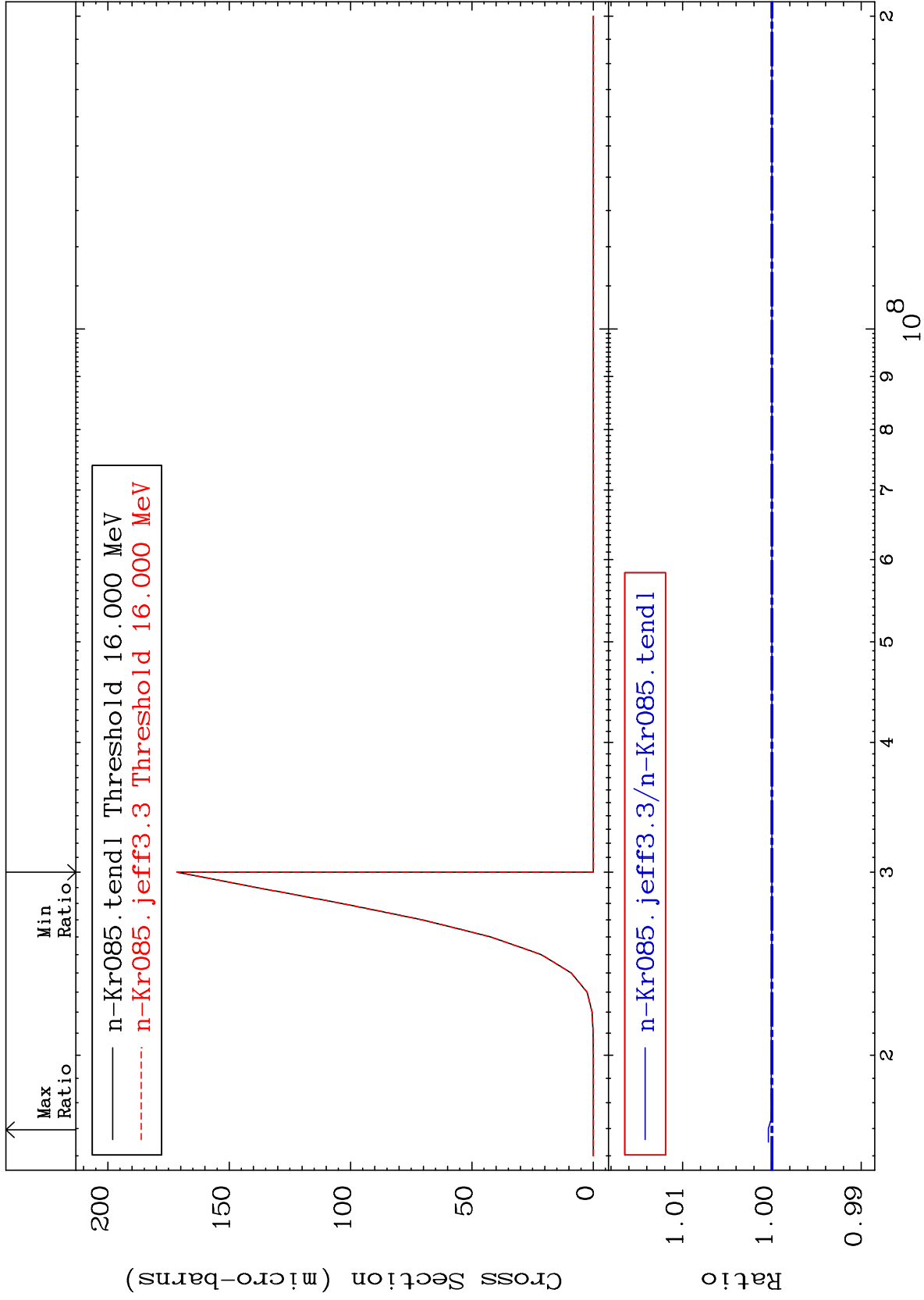


60

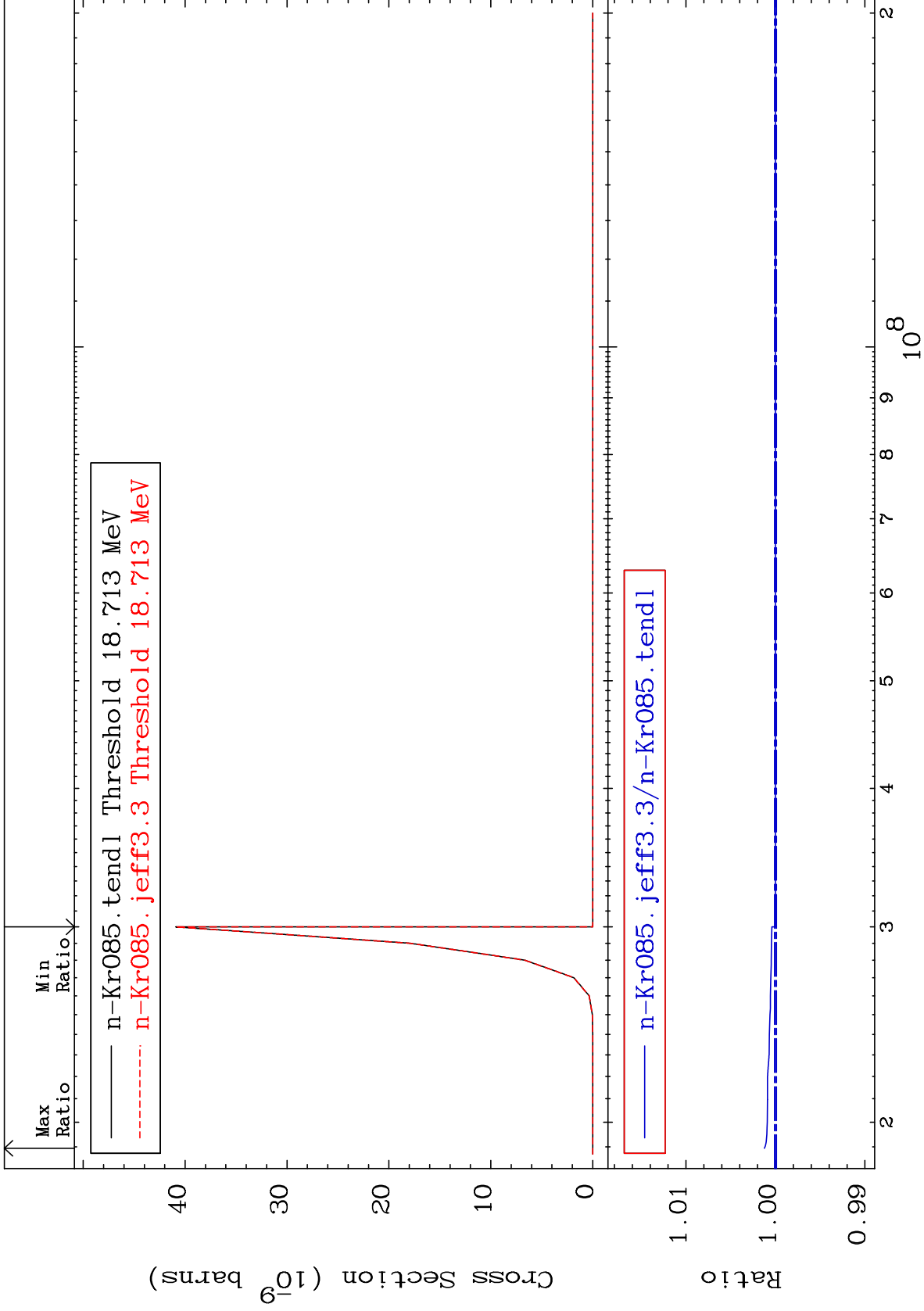
Incident Energy (eV)

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.039 %



Radionuclide Production Cross Section 0.000 To 0.124 %



MAT 3646

(n, p) d:34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.258 %

