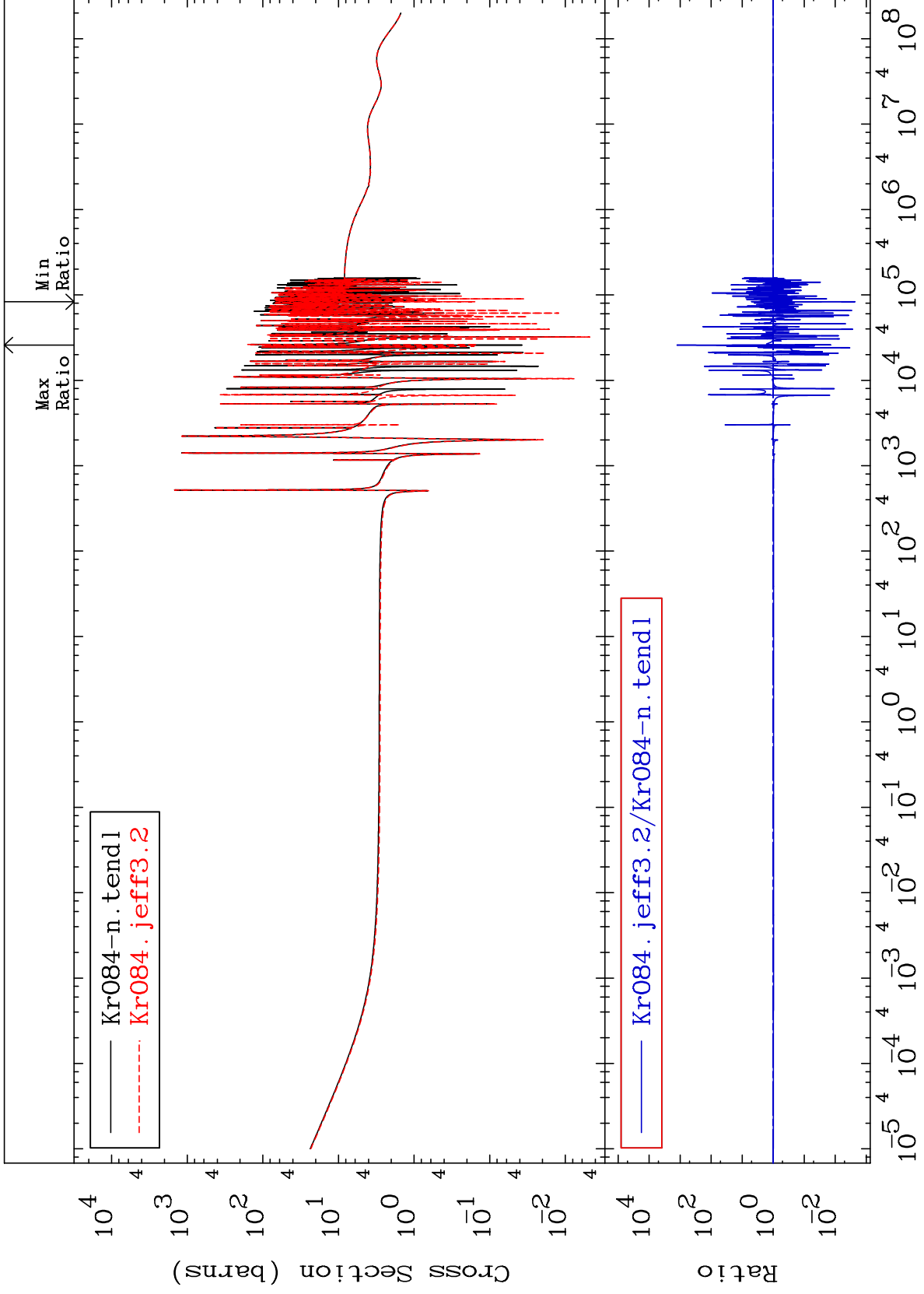


MAT 3643

Total  
Cross Section

36-Kr-84  
-99.77 To 9999. %



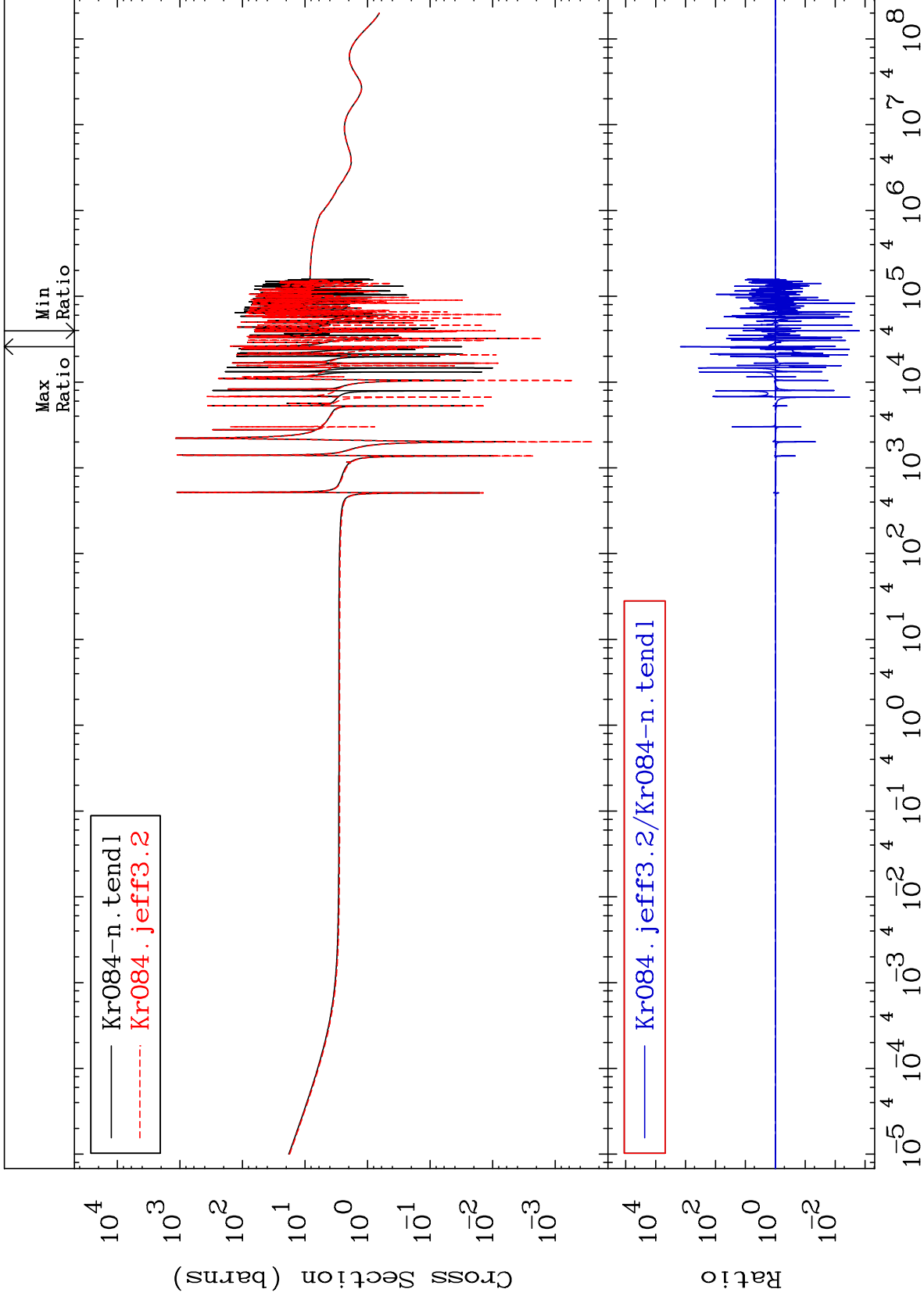
Incident Energy (eV)

36-Kr-84

MAT 3643

Elastic  
Cross Section

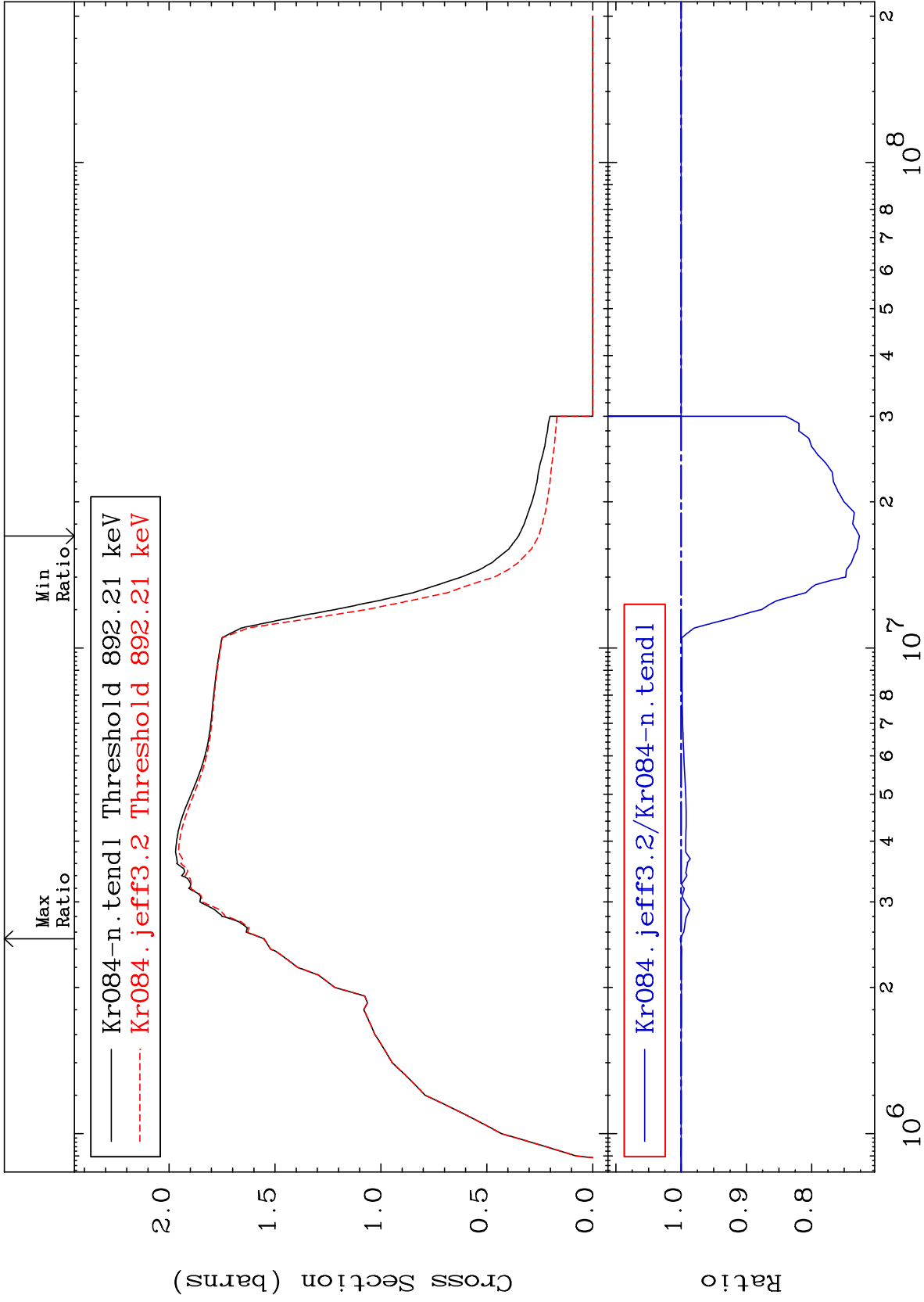
36-Kr-84  
-99.84 To 9999. %



MAT 3643

Inelastic  
Cross Section

<sup>36</sup>Kr-84  
-27.33 To 0.123 %



3

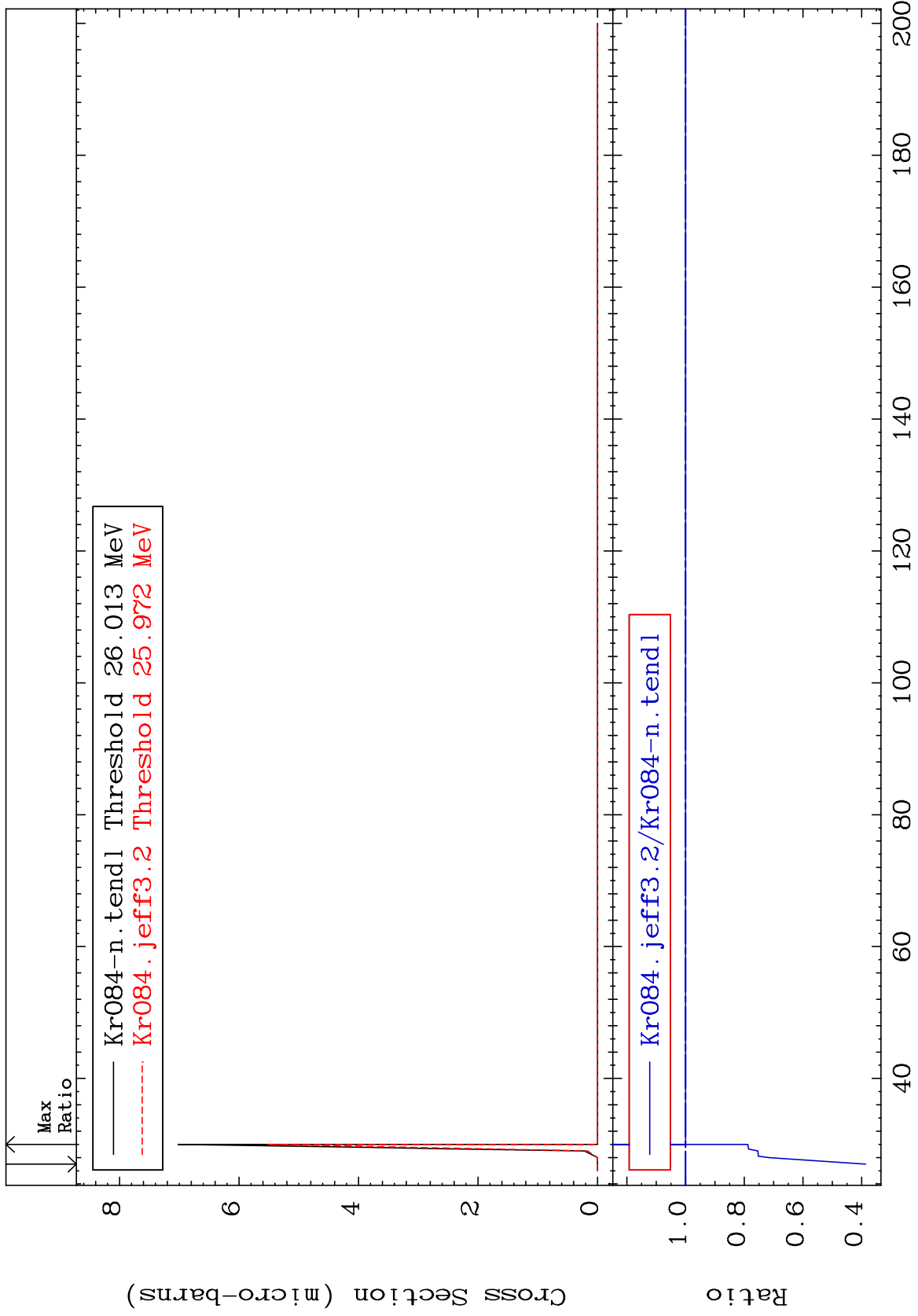
Incident Energy (eV)

<sup>36</sup>Kr-84

MAT 3643

(n,2n) d  
Cross Section

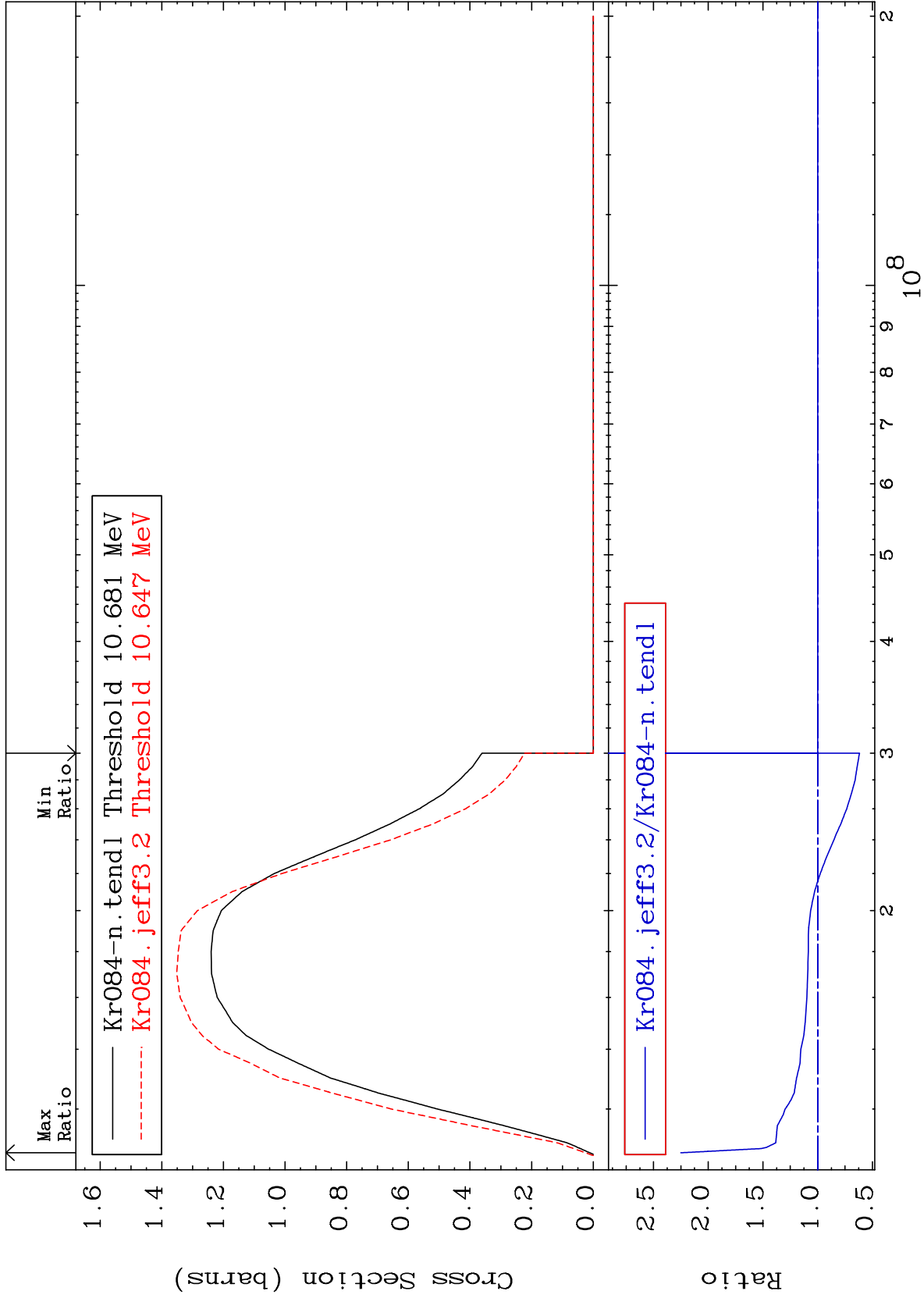
<sup>36</sup>Kr-84  
-61.33 To 0.000 %



MAT 3643

(n,2n)  
Cross Section

<sup>36</sup>Kr-84  
-38.27 To 125.1 %



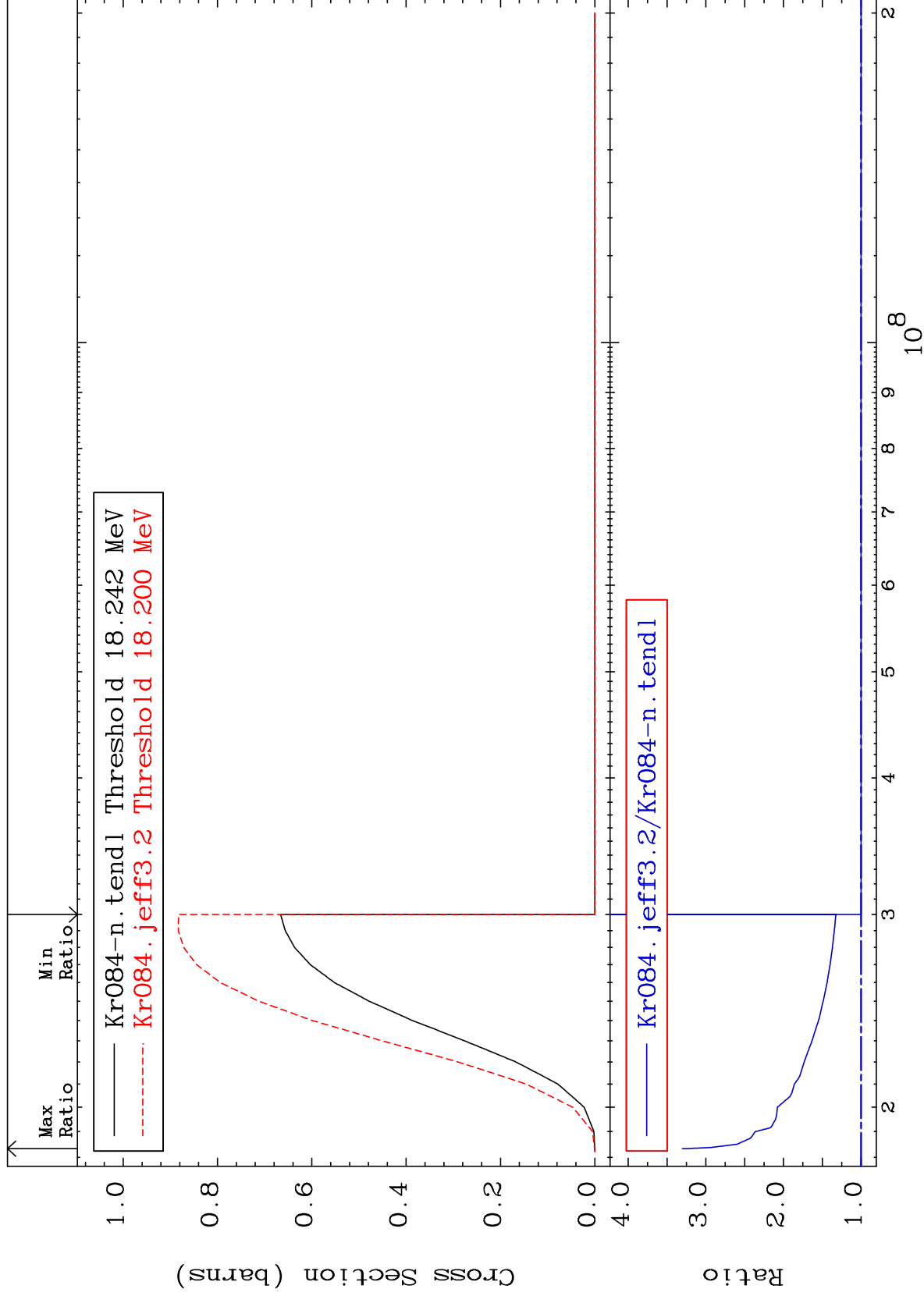
MAT 3643

(n,3n)

<sup>36</sup>Kr-84

Cross Section

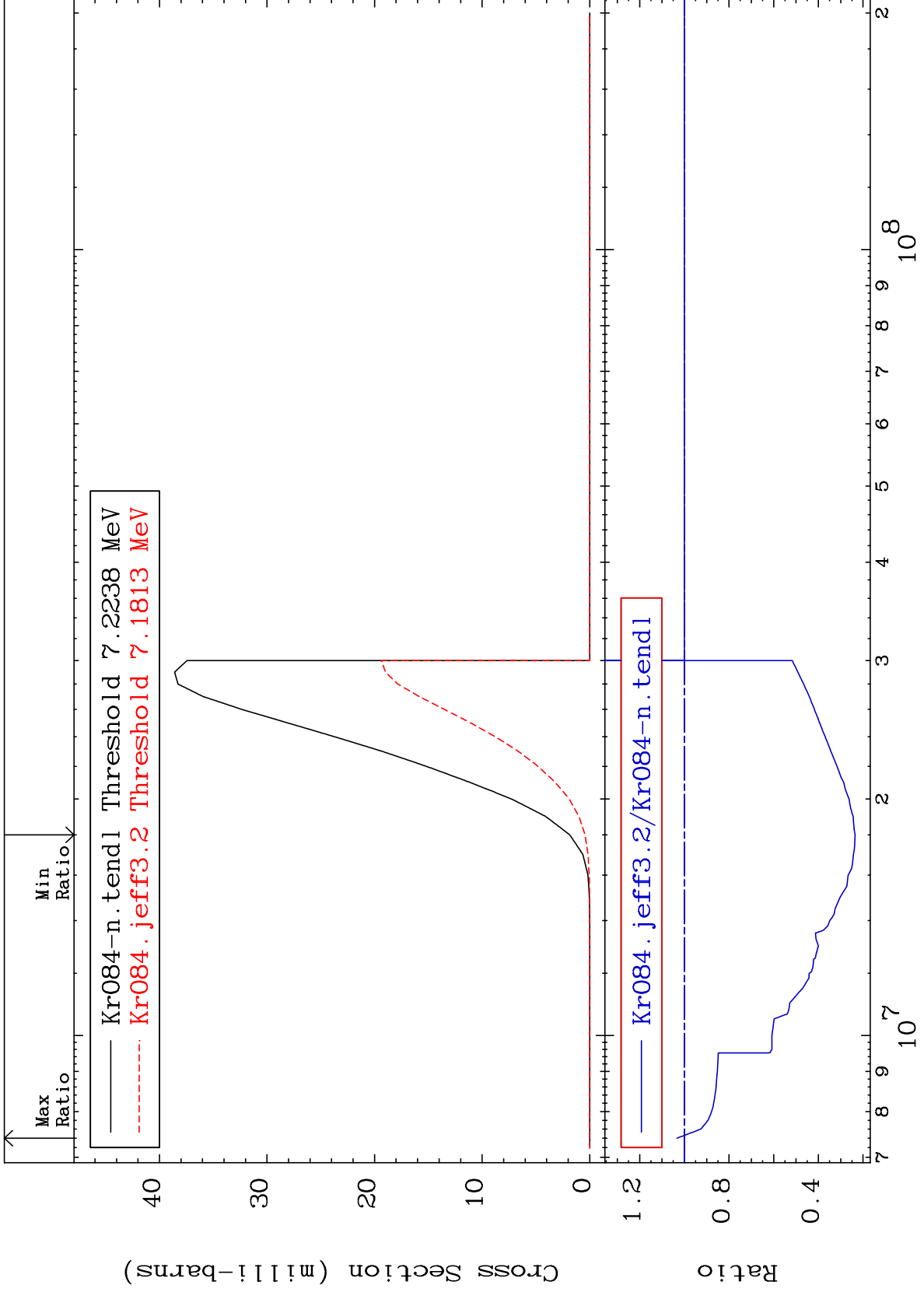
0.000 To 230.3 %



MAT 3643

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

<sup>36</sup>Kr-84  
-76.43 To 3.334 %



7

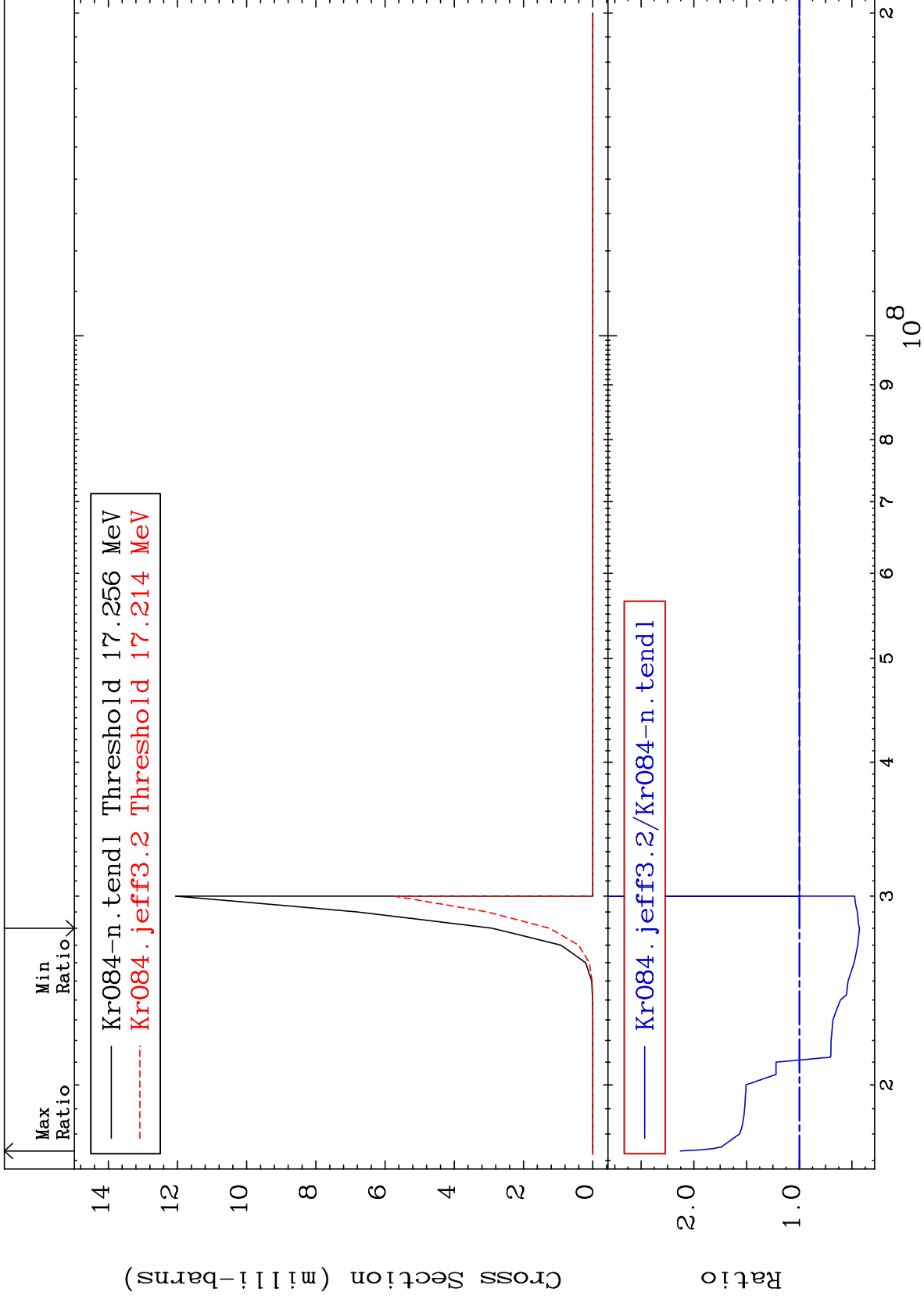
Incident Energy (eV)

<sup>36</sup>Kr-84

MAT 3643

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

<sup>36</sup>Kr-84  
-57.05 To 112.8 %

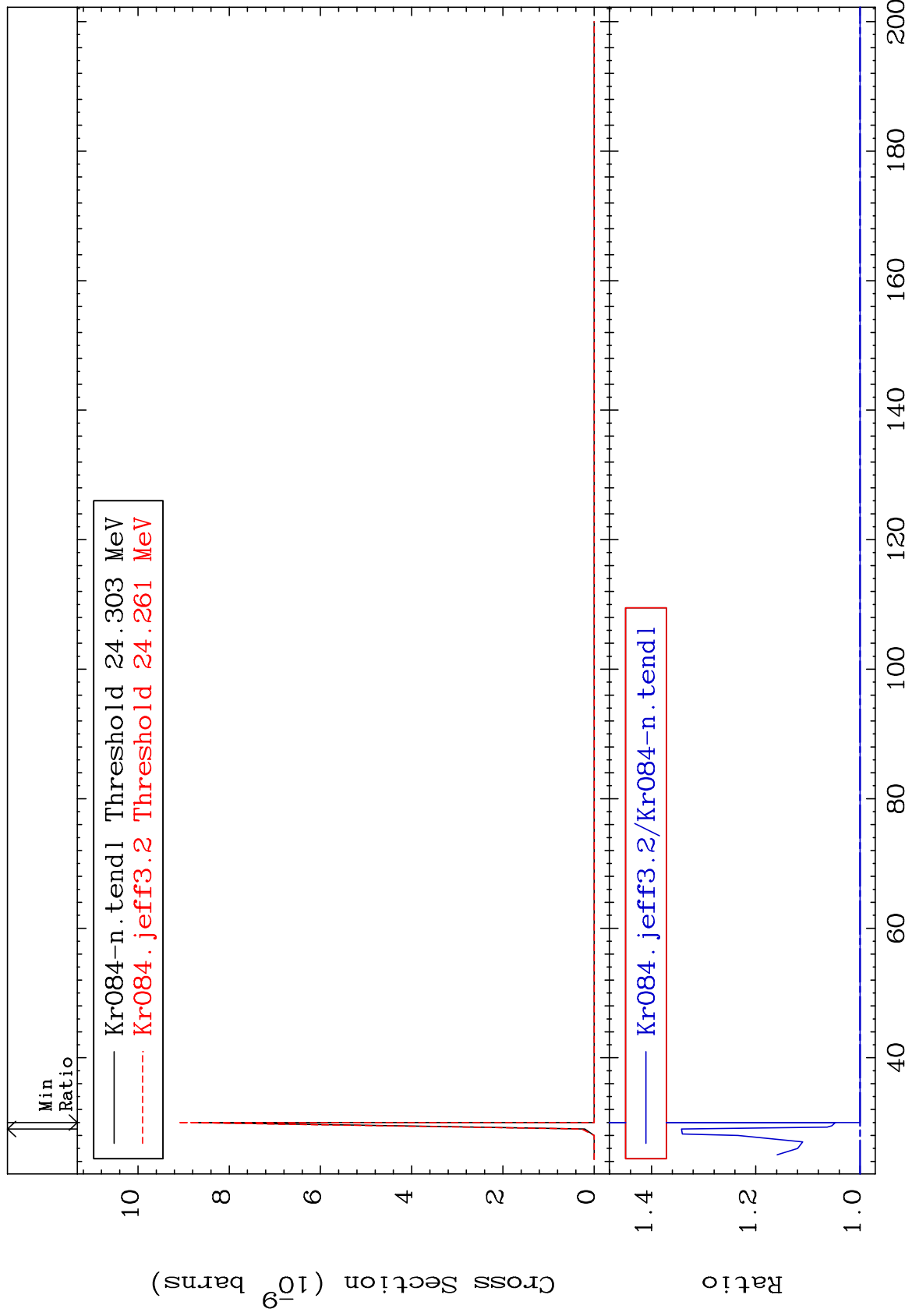




MAT 3643

(n,3n)  $\alpha$   
Cross Section

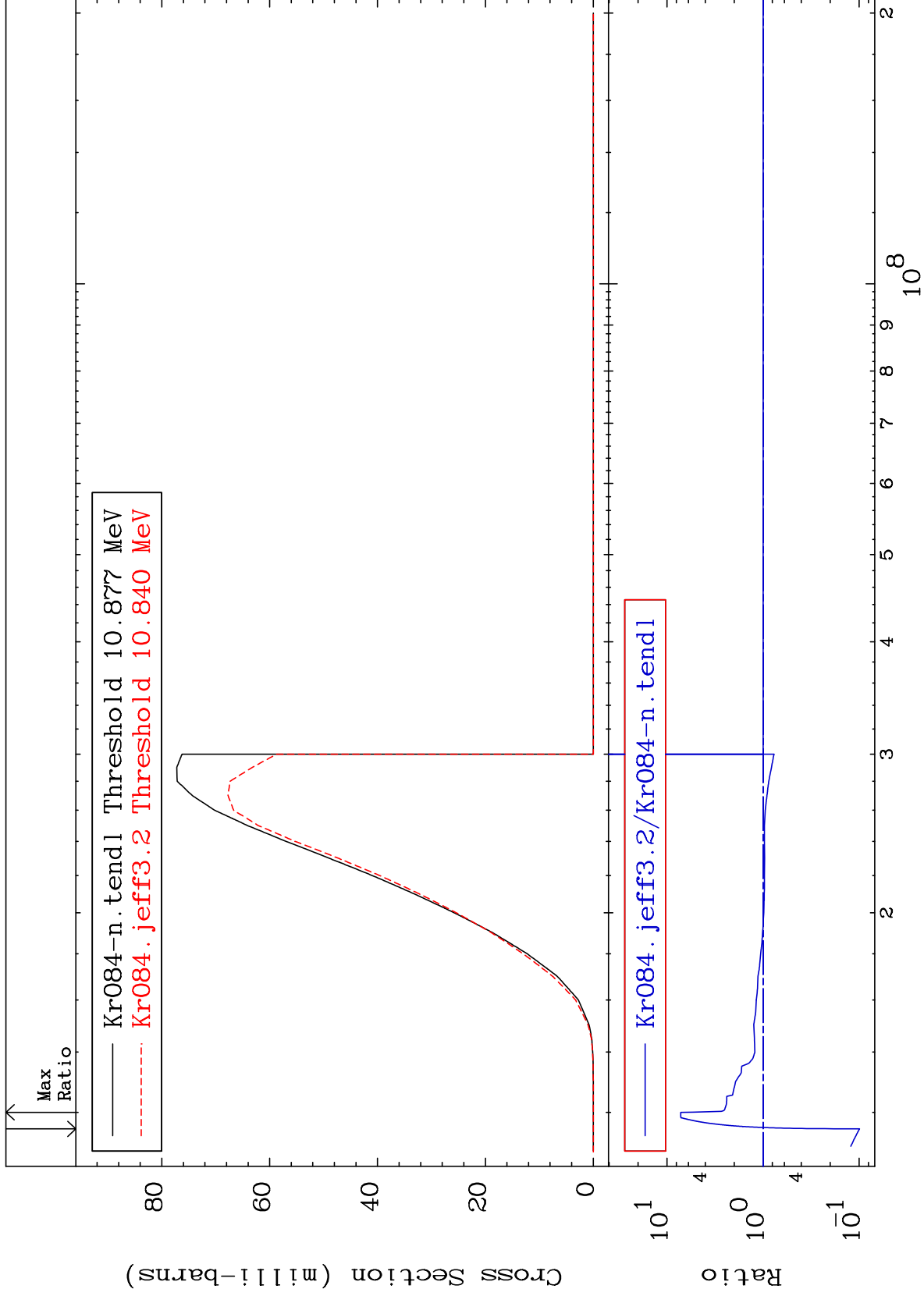
<sup>36</sup>Kr-84  
0.000 To 34.23 %



MAT 3643

(n,n') p  
Cross Section

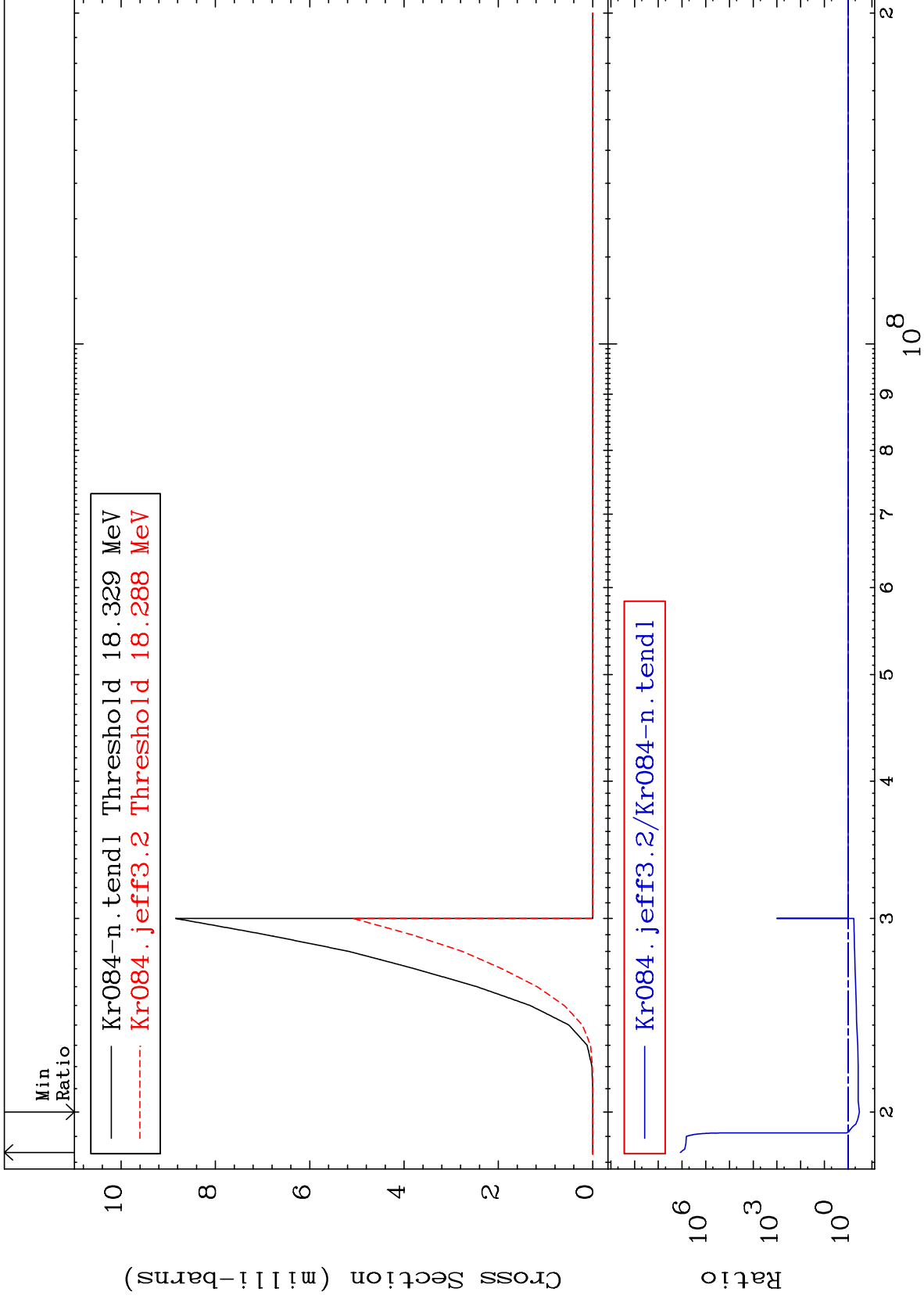
<sup>36</sup>Kr-84  
-90.10 To 619.2 %



10

Incident Energy (eV)

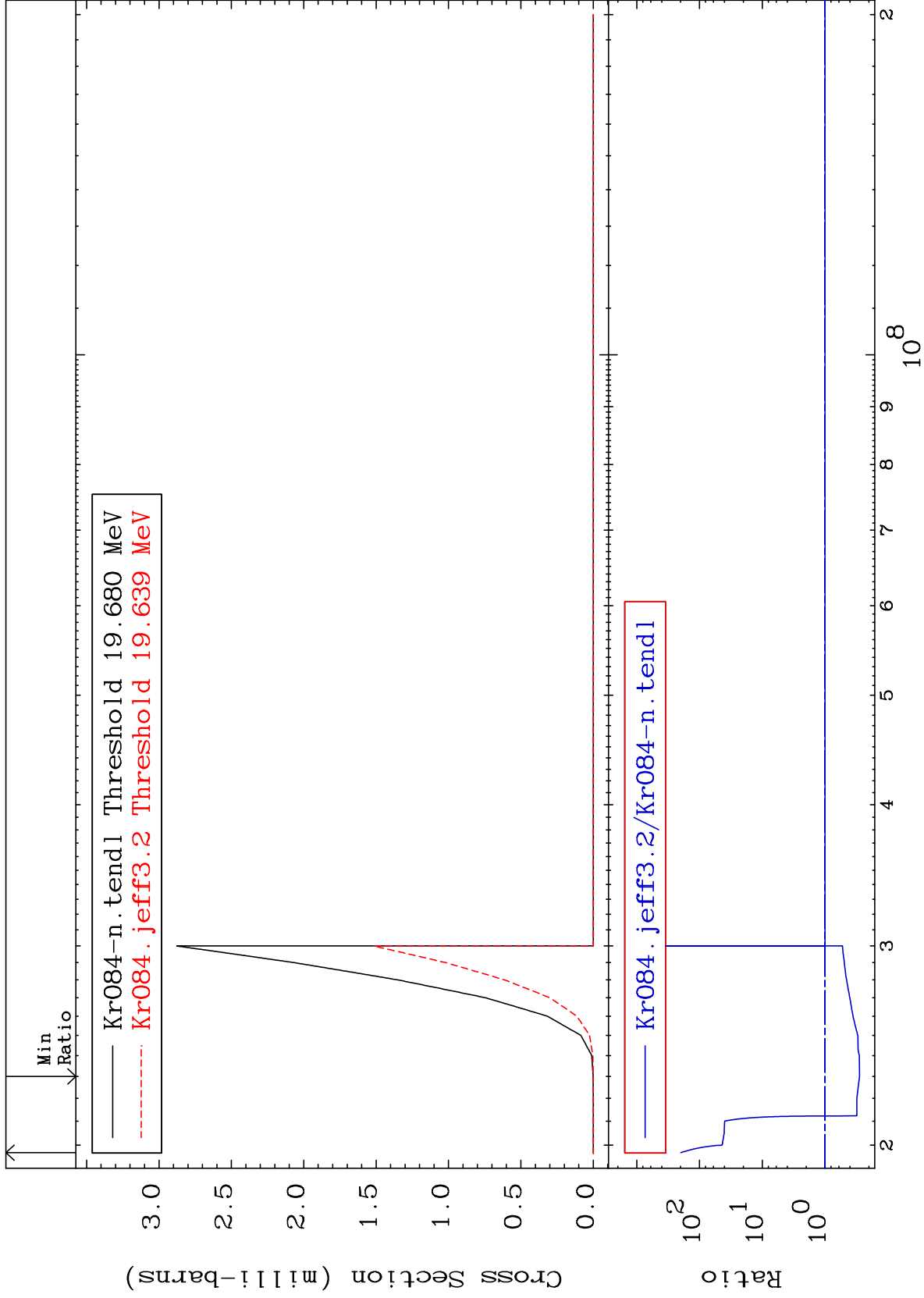
<sup>36</sup>Kr-84



MAT 3643

(n,n') t  
Cross Section

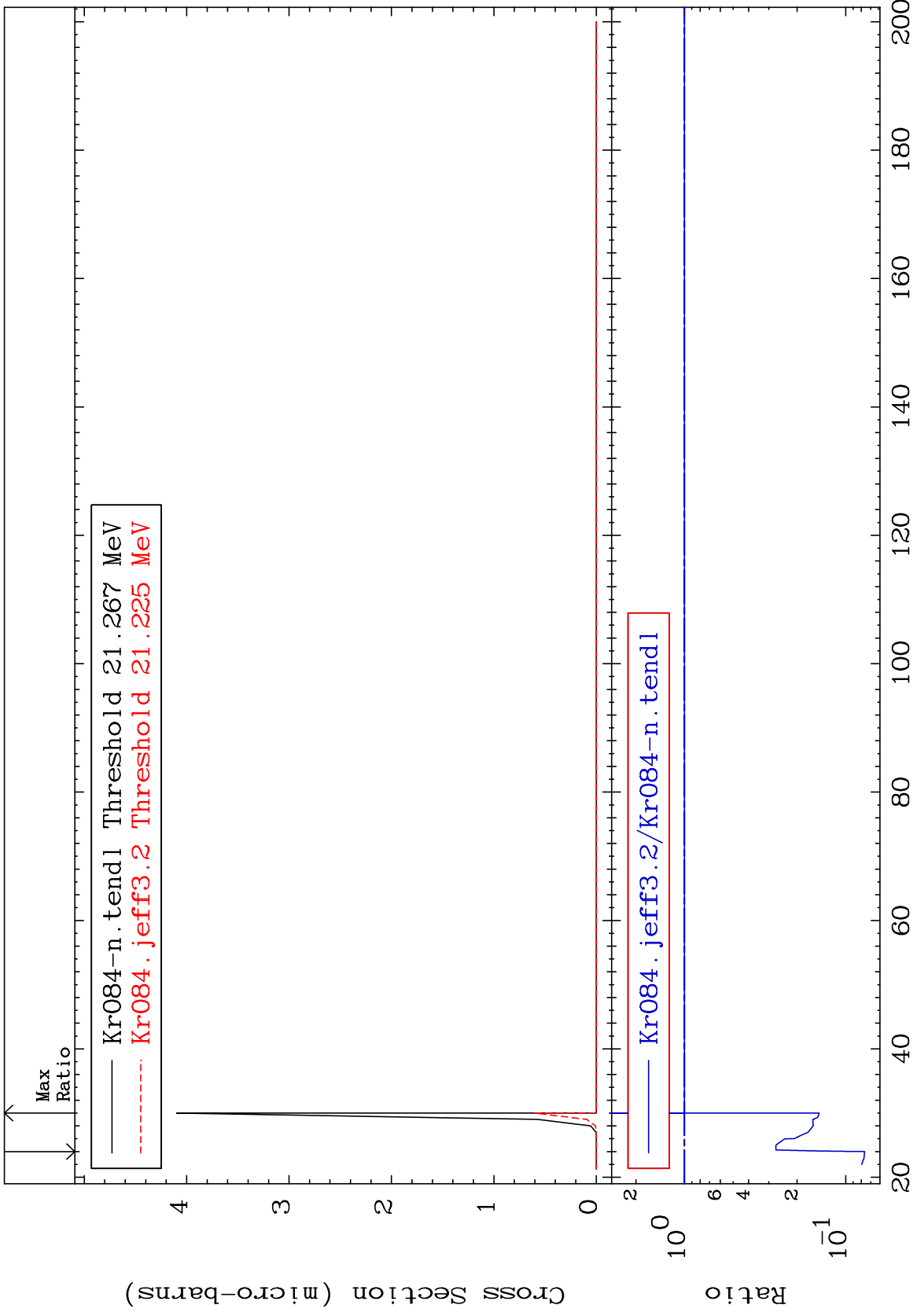
36-Kr-84  
-71.80 To 9999. %



MAT 3643

(n, n') He-3  
Cross Section

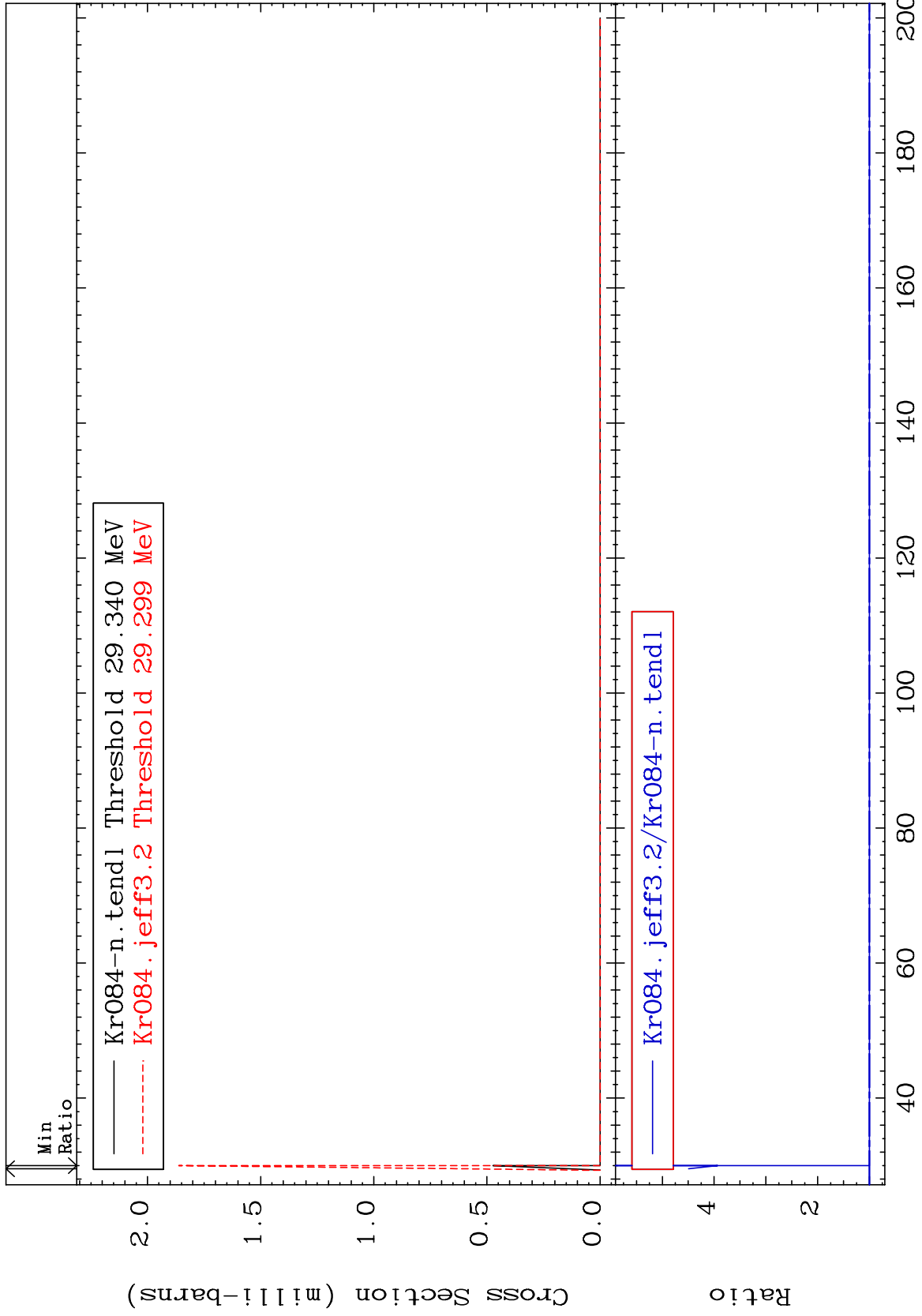
<sup>36</sup>Kr-84  
-92.37 To 0.000 %



MAT 3643

(n,4n)  
Cross Section

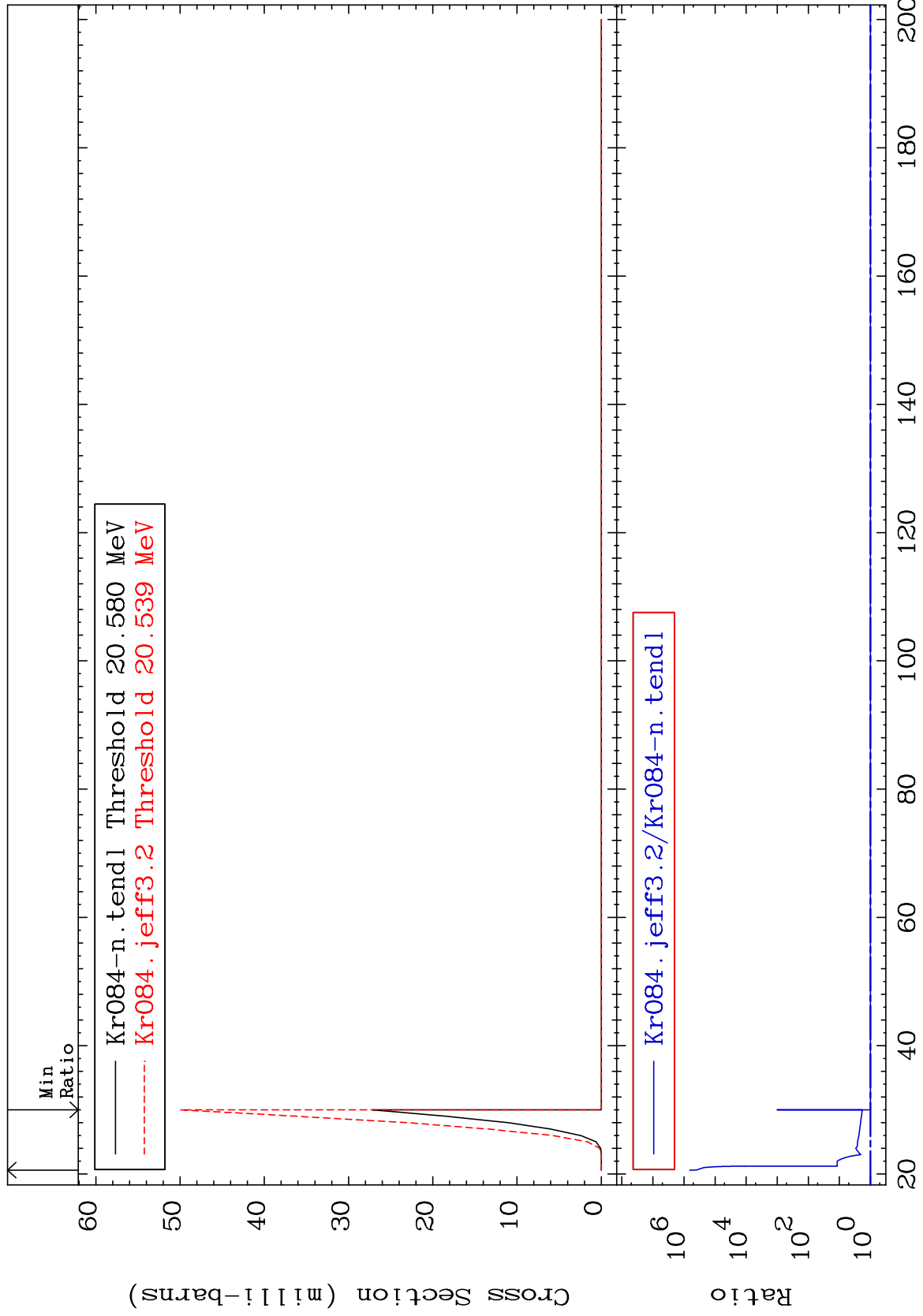
36-Kr-84  
To 349.3 %  
0.000



MAT 3643

(n,2n) p  
Cross Section

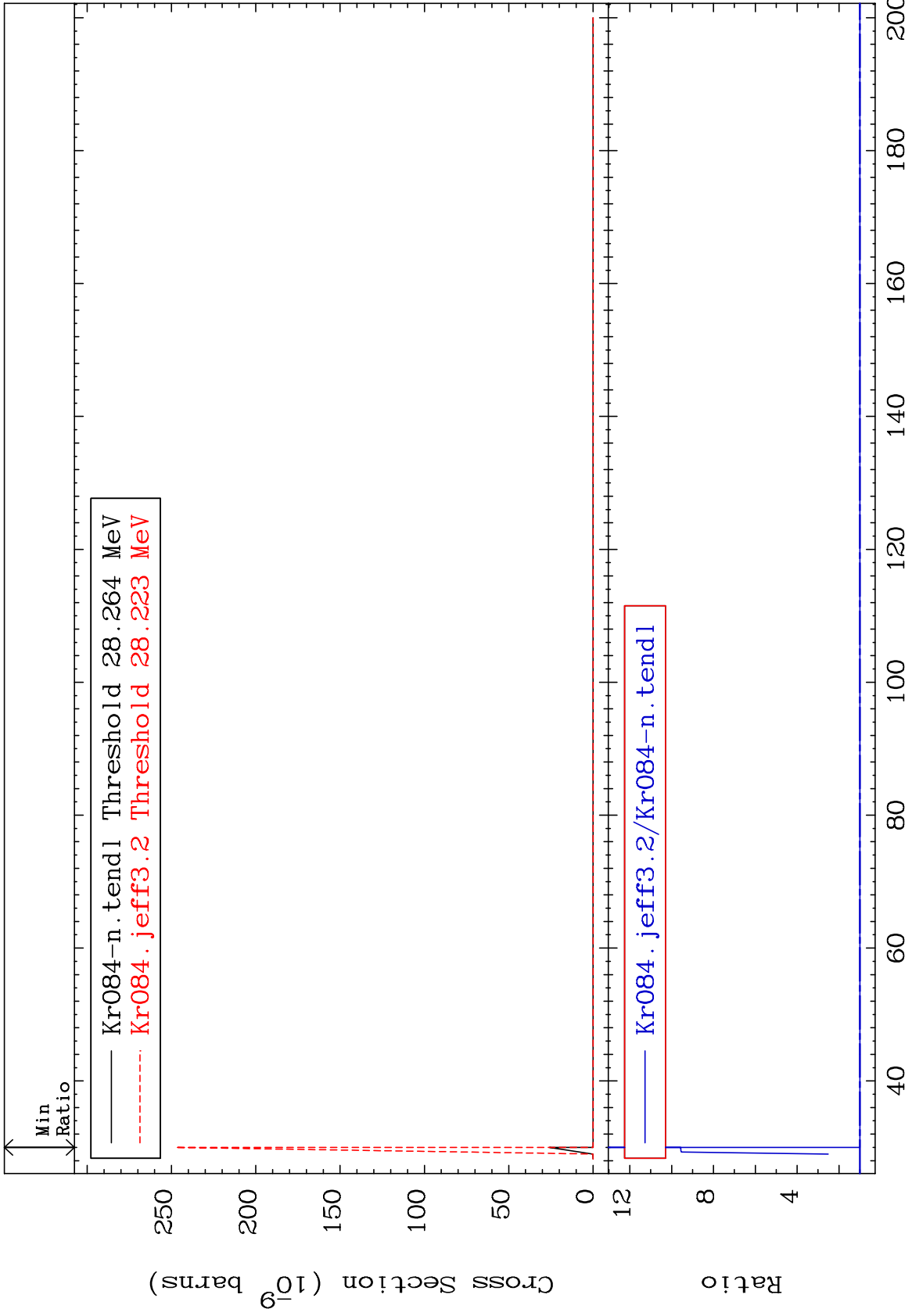
<sup>36</sup>Kr-84  
To 9999. %  
0.000



MAT 3643

(n,3n) p  
Cross Section

<sup>36</sup>Kr-84  
0.000 To 856.6 %

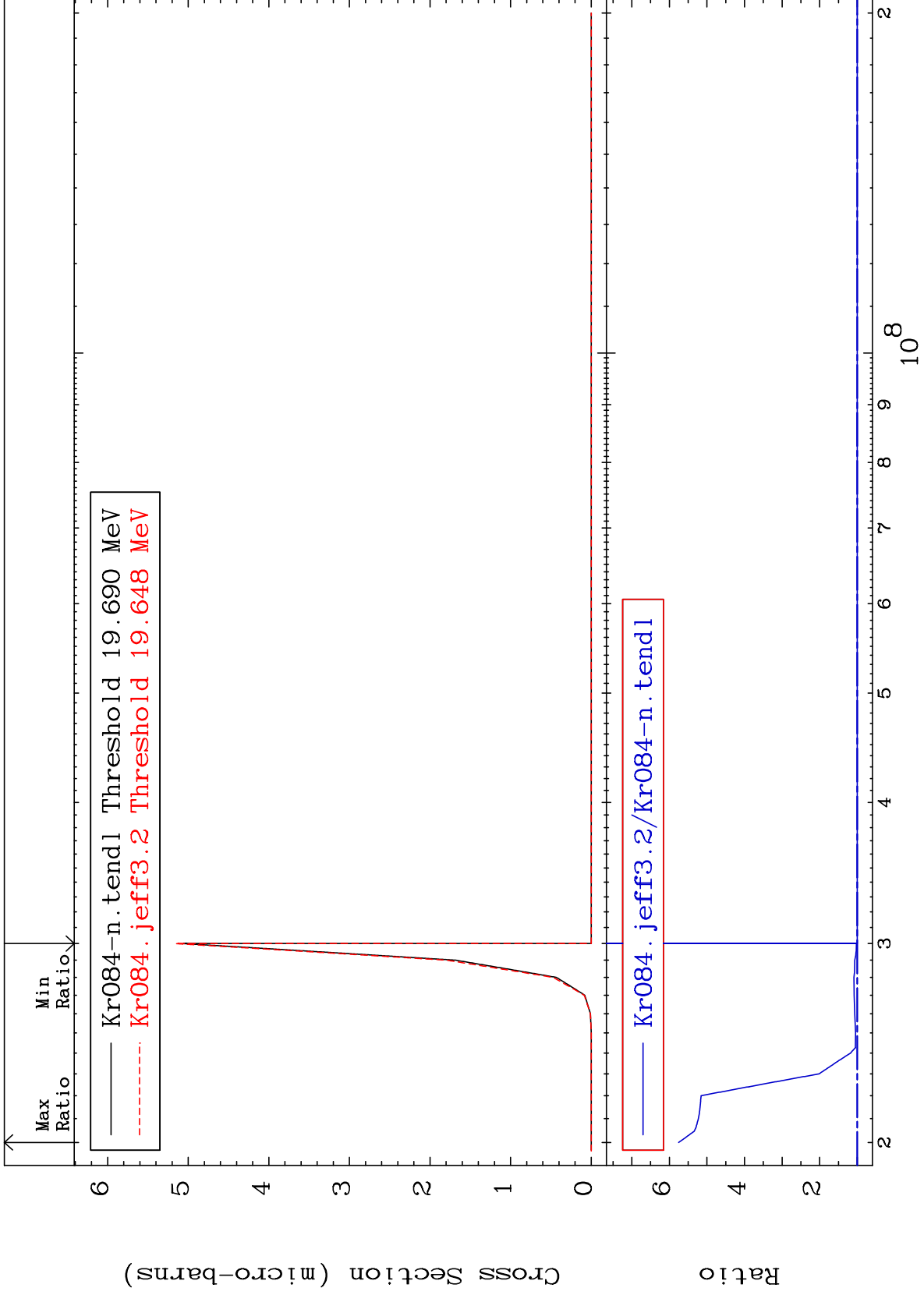




MAT 3643

(n,2n) p  
Cross Section

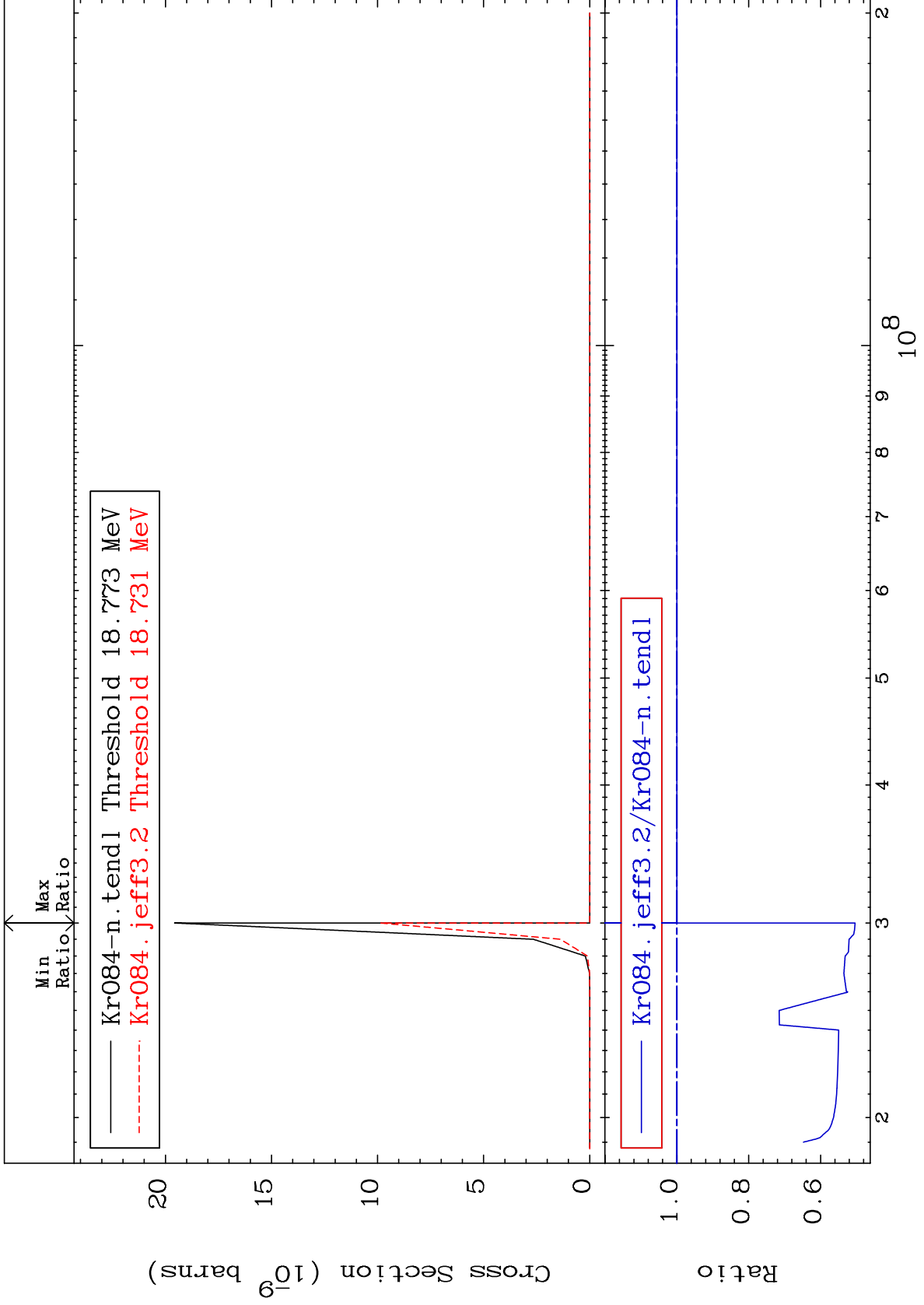
36-Kr-84  
0.000 To 475.4 %



MAT 3643

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

36-Kr-84  
-49.62 To 0.000 %



18

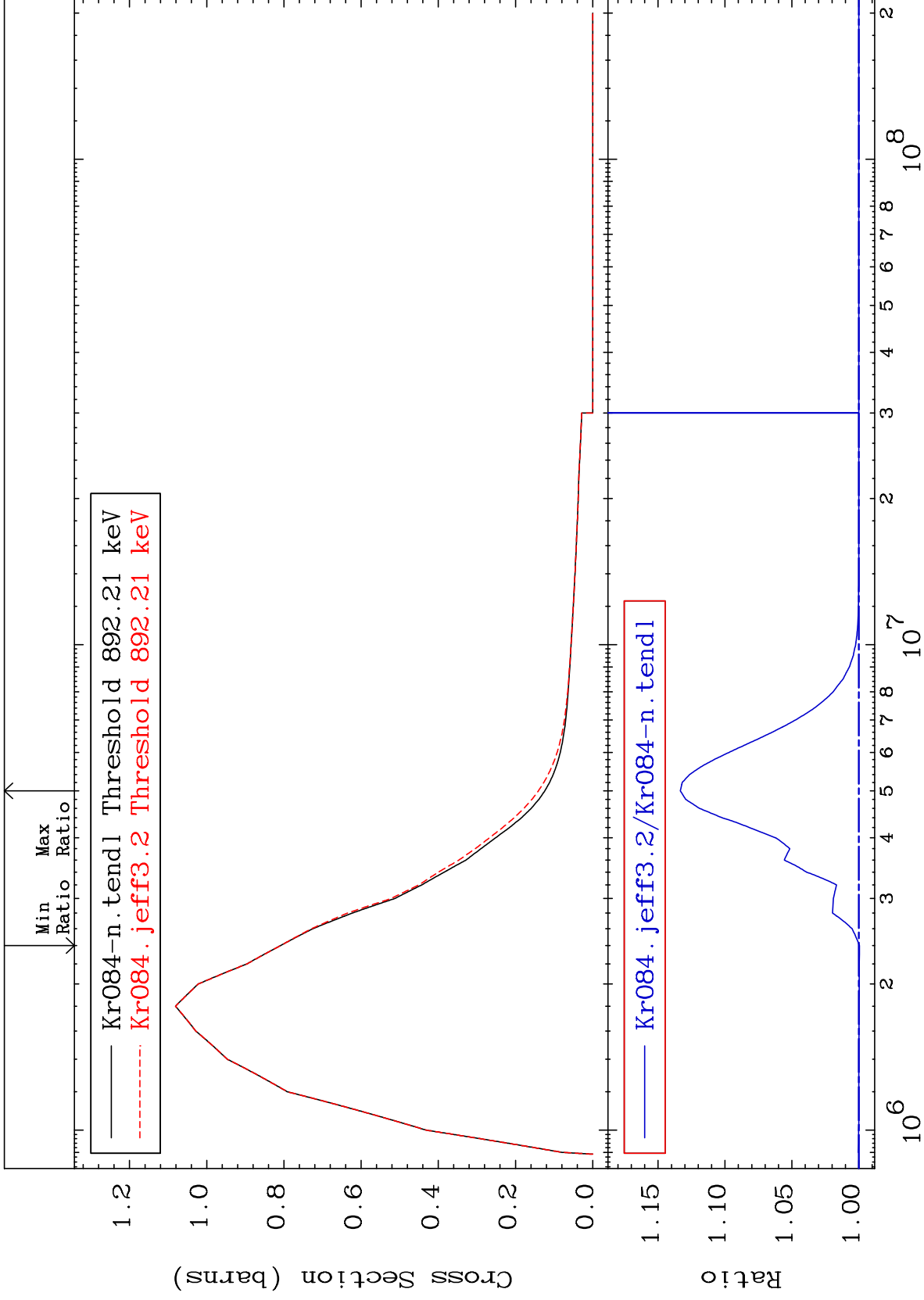
Incident Energy (eV)

36-Kr-84

MAT 3643

881.6 keV (n,n') Level  
Cross Section

36-Kr-84  
-0.048 To 13.34 %



19

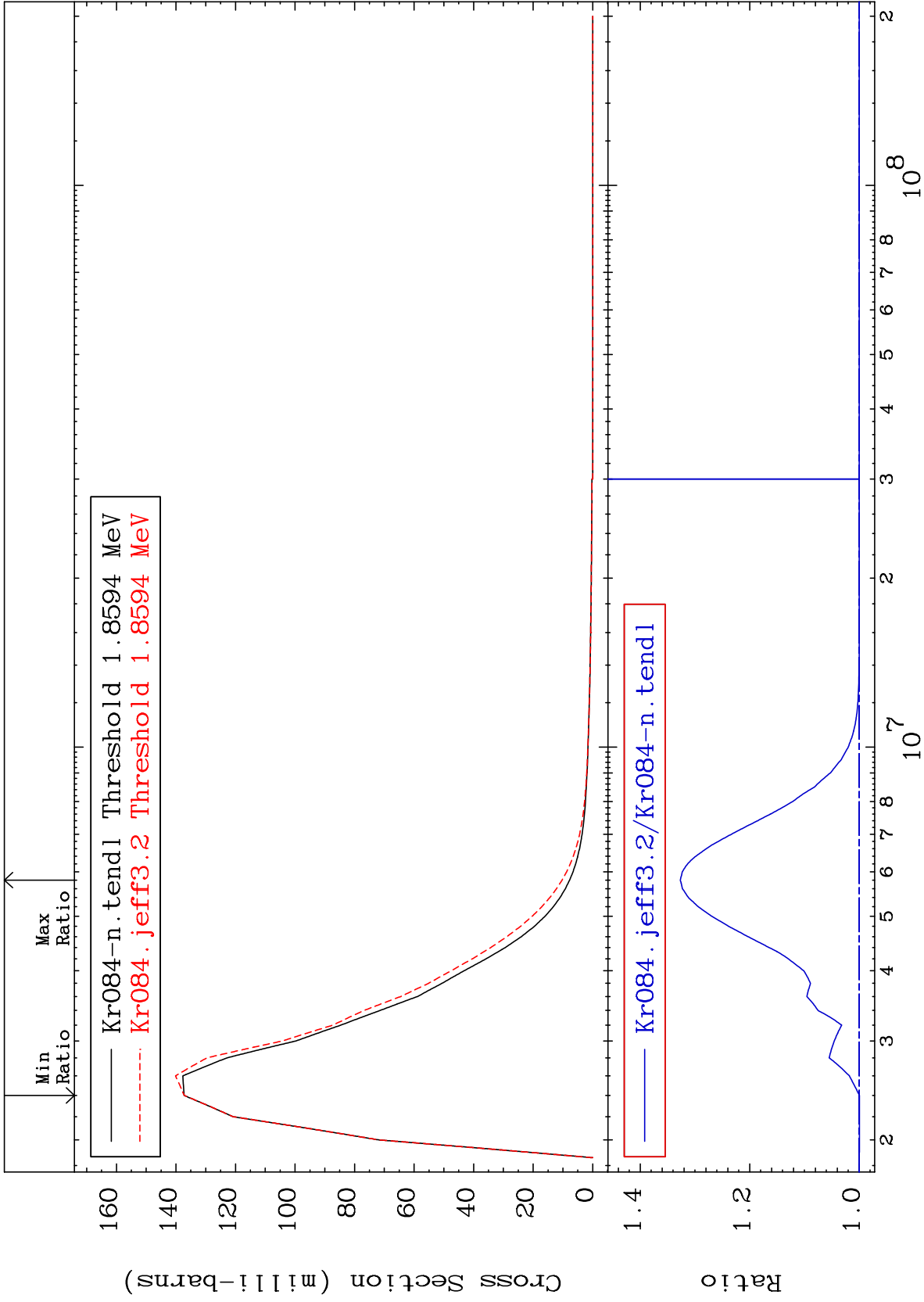
Incident Energy (eV)

36-Kr-84

MAT 3643

1.837 MeV (n,n') Level  
Cross Section

<sup>36</sup>Kr-84  
-0.042 To 32.67 %



20

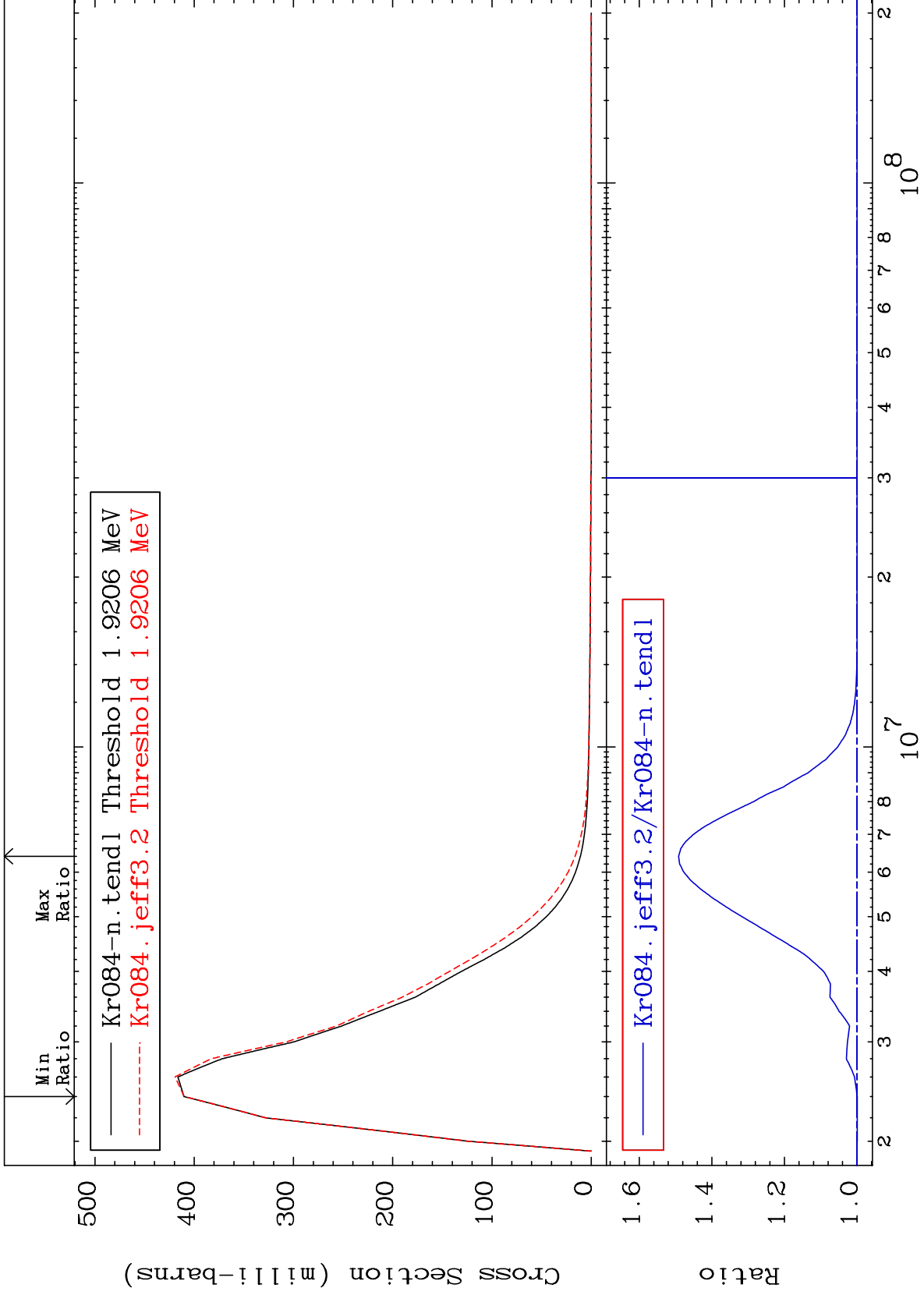
Incident Energy (eV)

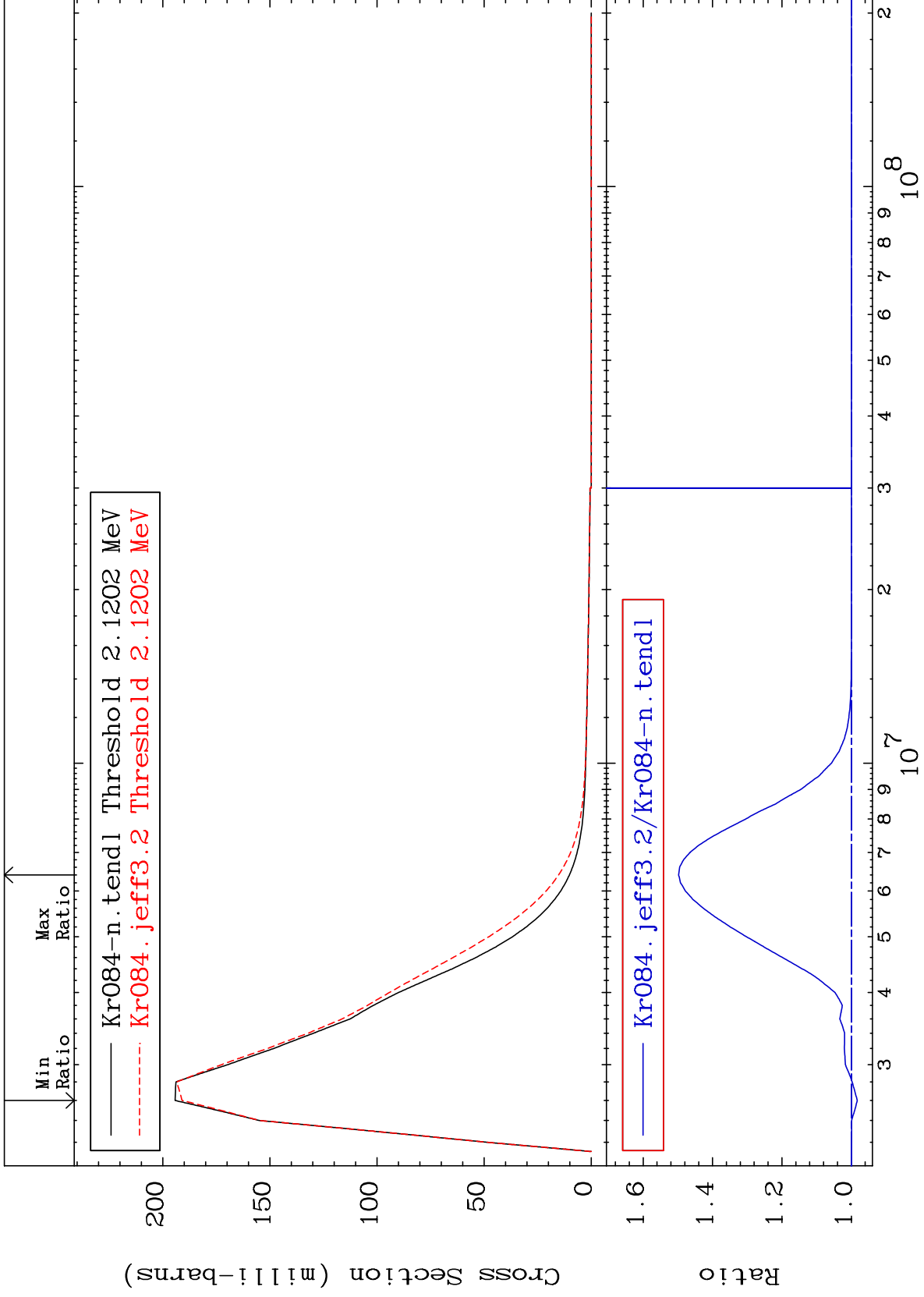
<sup>36</sup>Kr-84

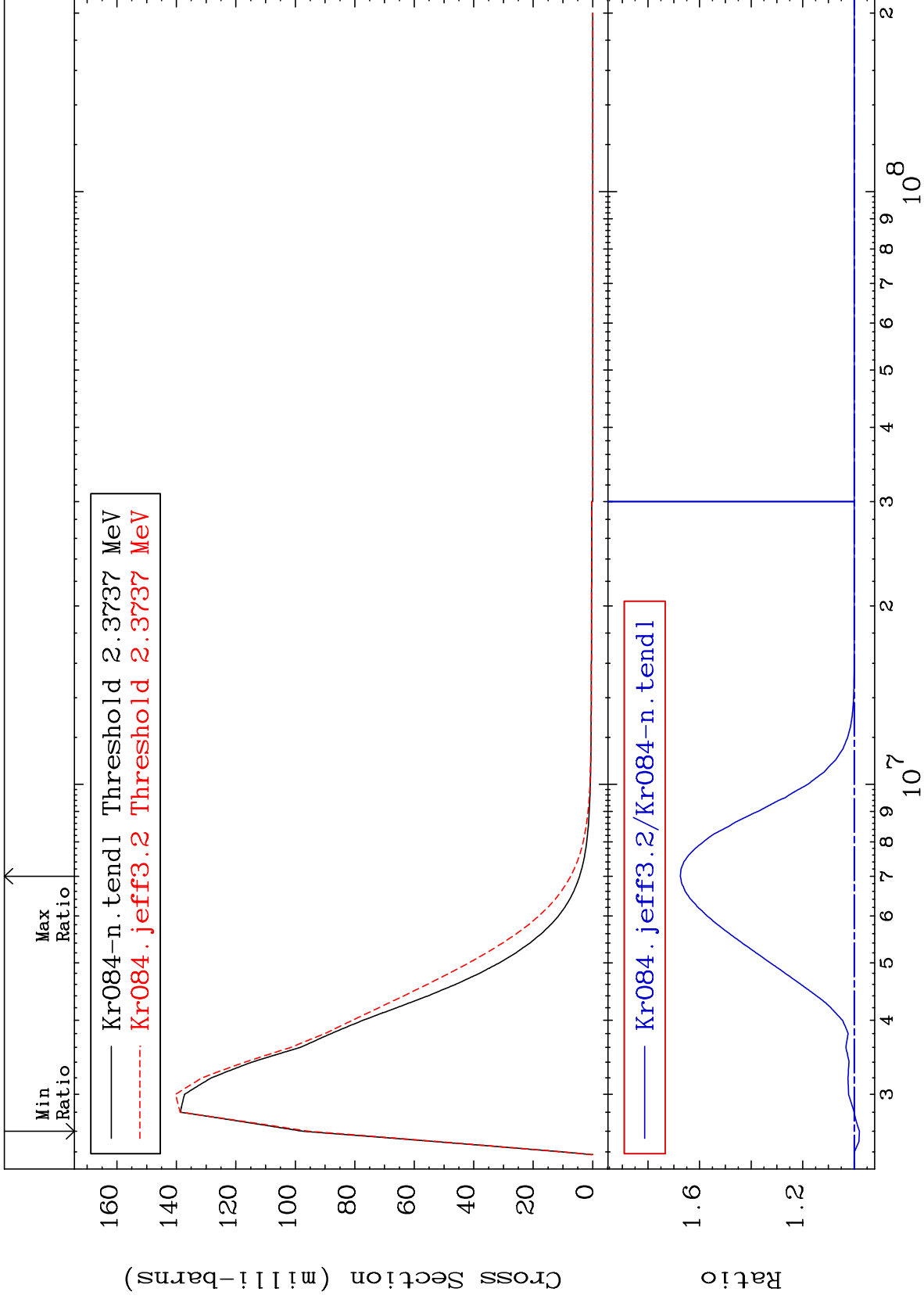
MAT 3643

1.898 MeV (n,n') Level  
Cross Section

36-Kr-84  
-0.050 To 49.15 %



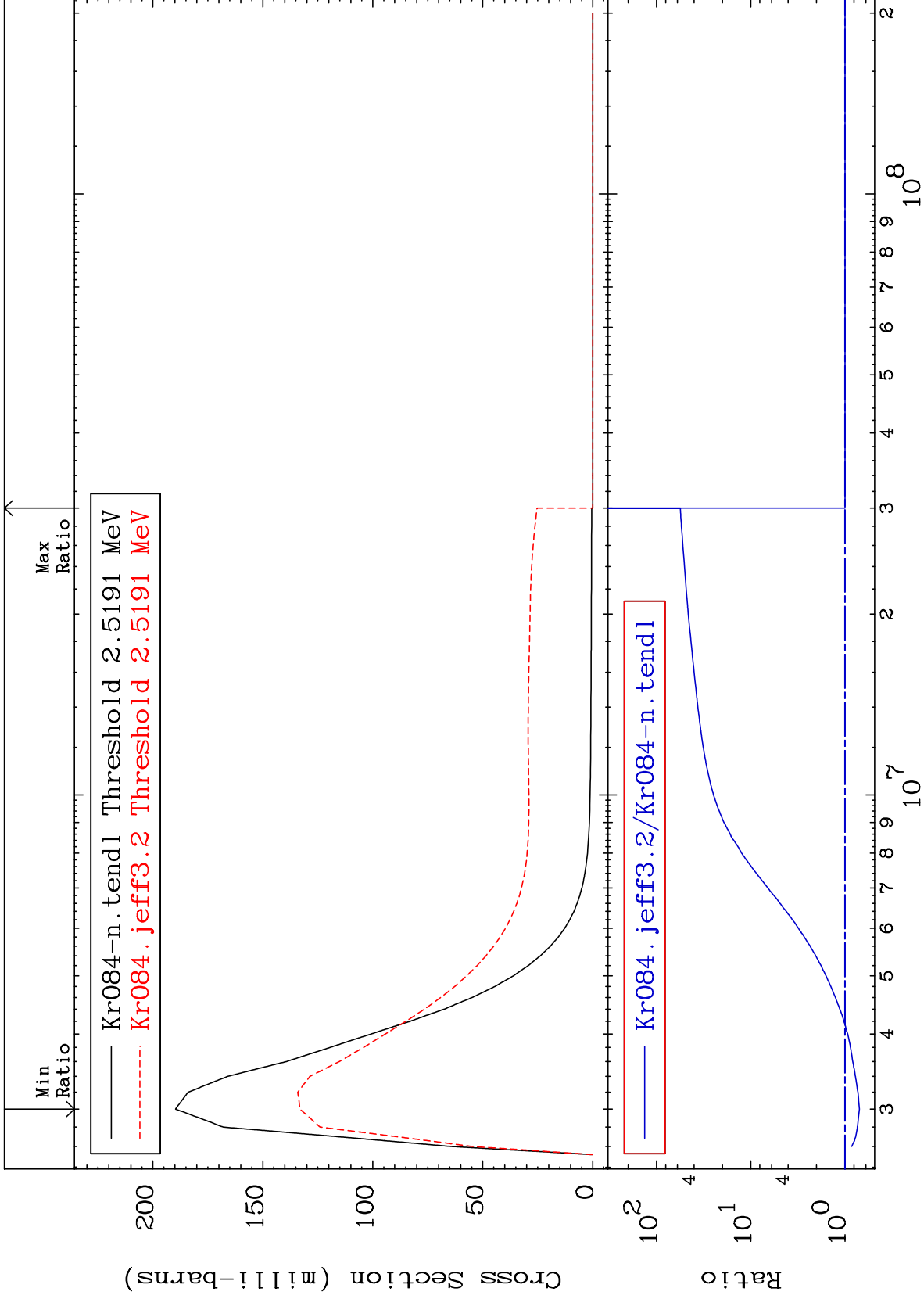




MAT 3643

2.489 MeV (n,n') Level  
Cross Section

36-Kr-84  
-29.83 To 5480. %

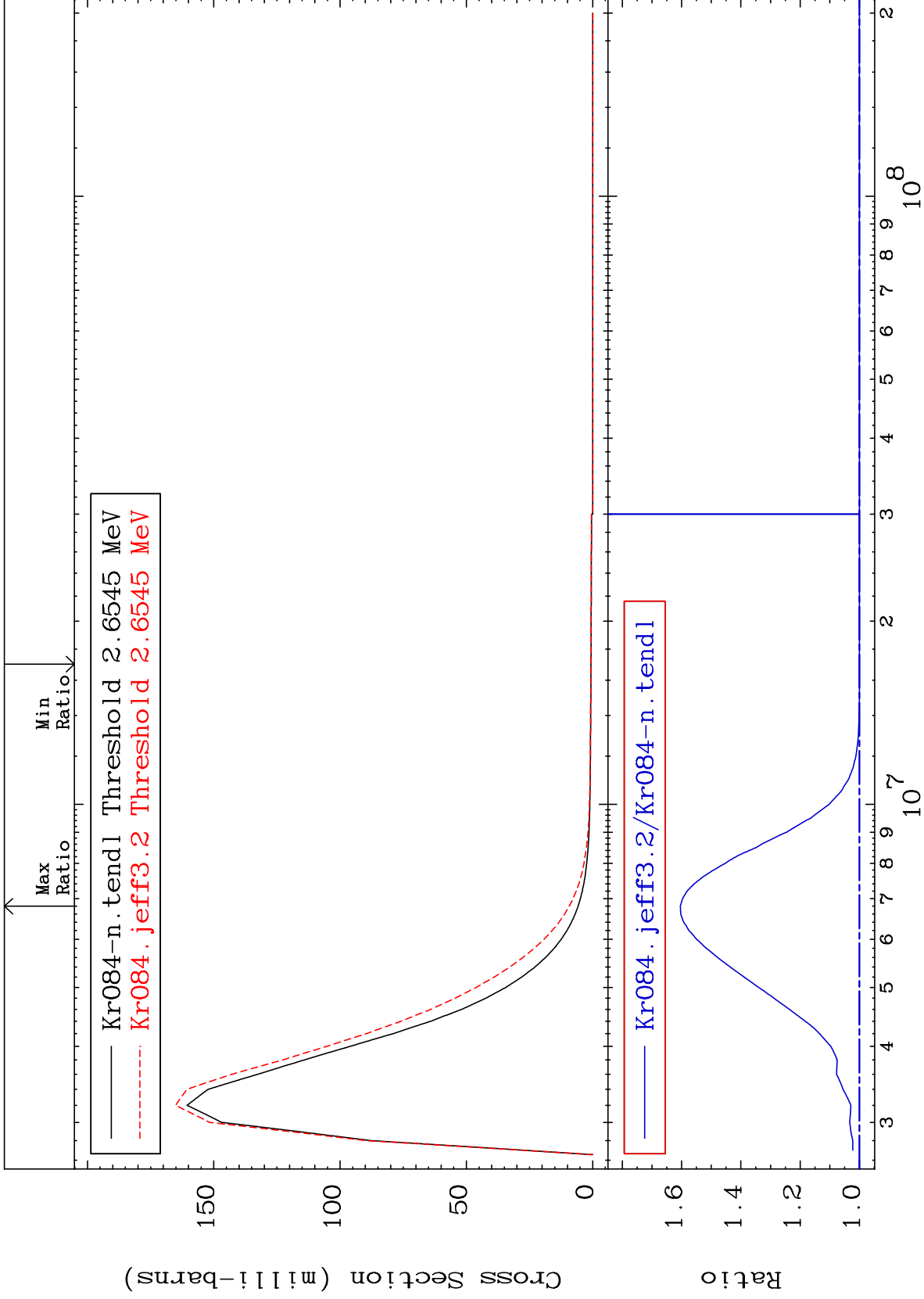




MAT 3643

2.623 MeV (n,n') Level  
Cross Section

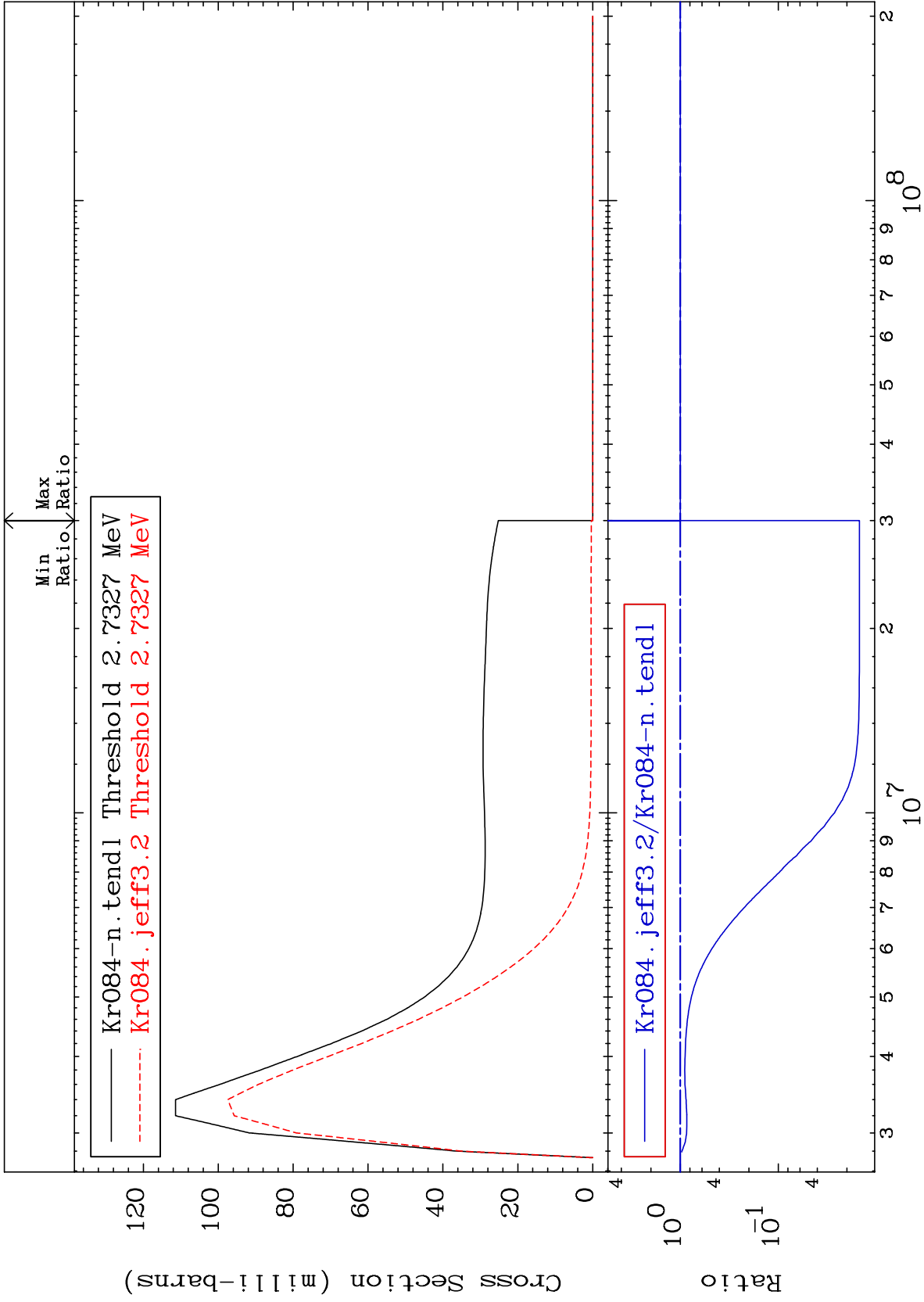
36-Kr-84  
-0.005 To 60.42 %

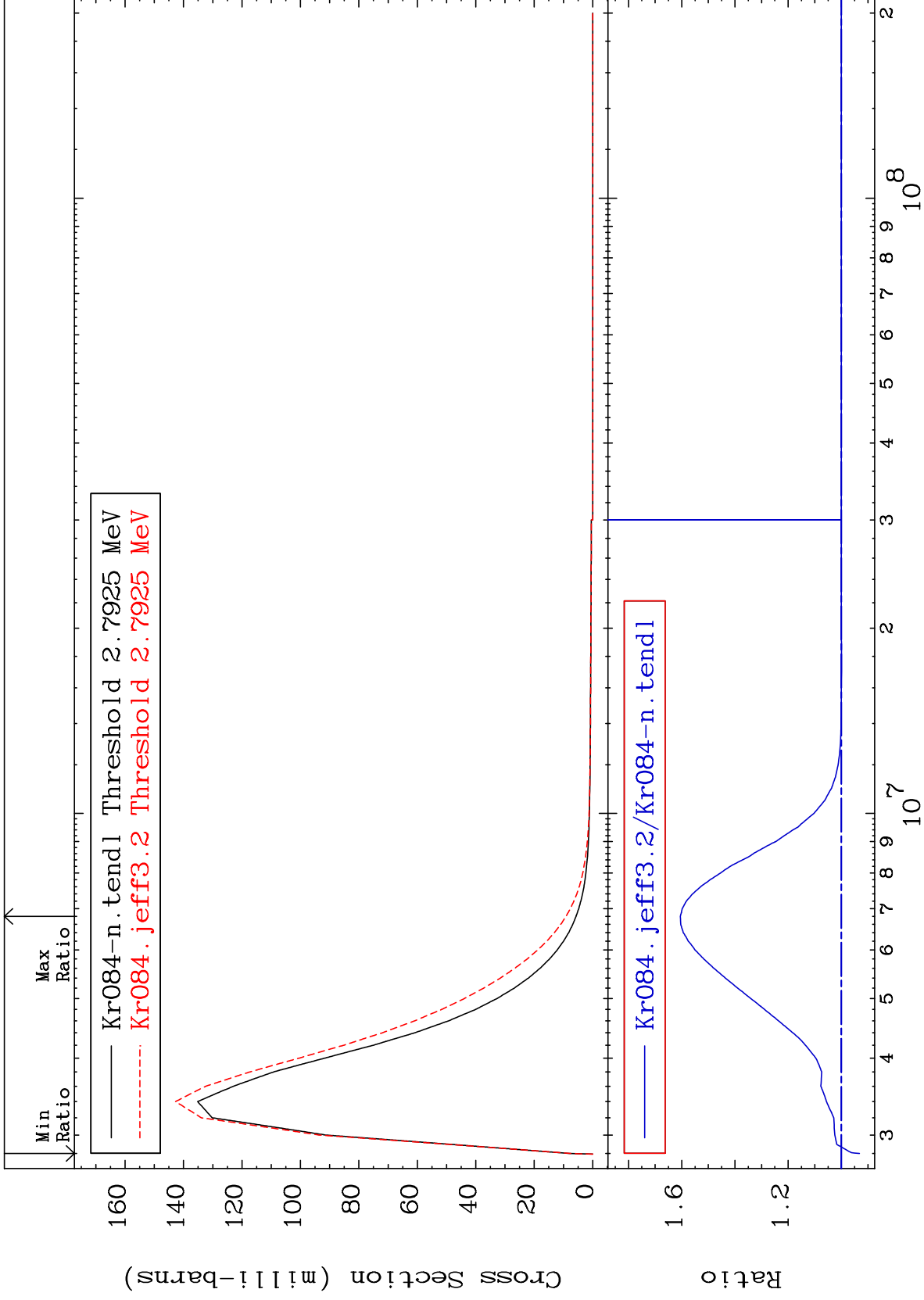


MAT 3643

2.700 MeV (n,n') Level  
Cross Section

36-Kr-84  
-98.51 To 0.000 %

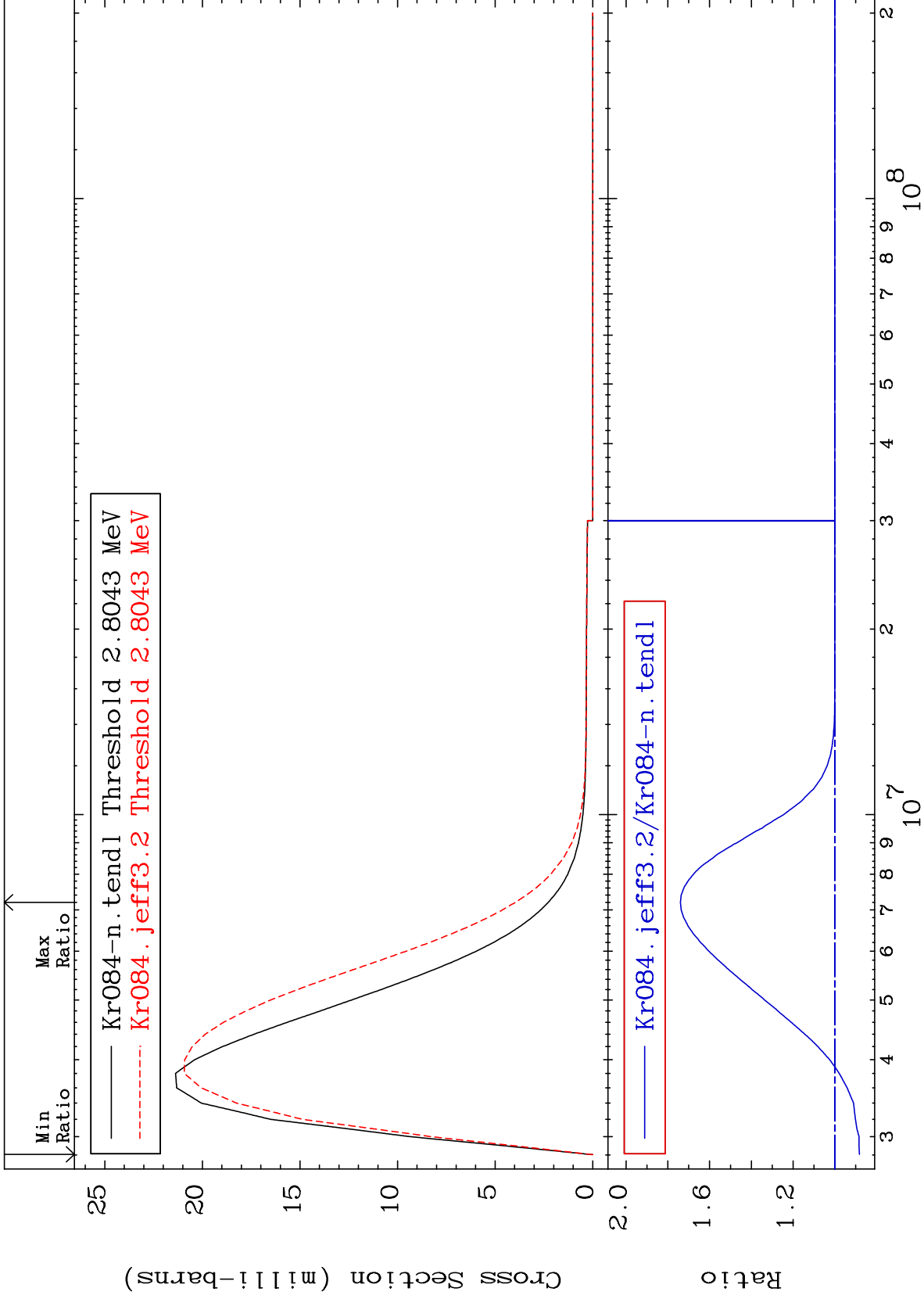


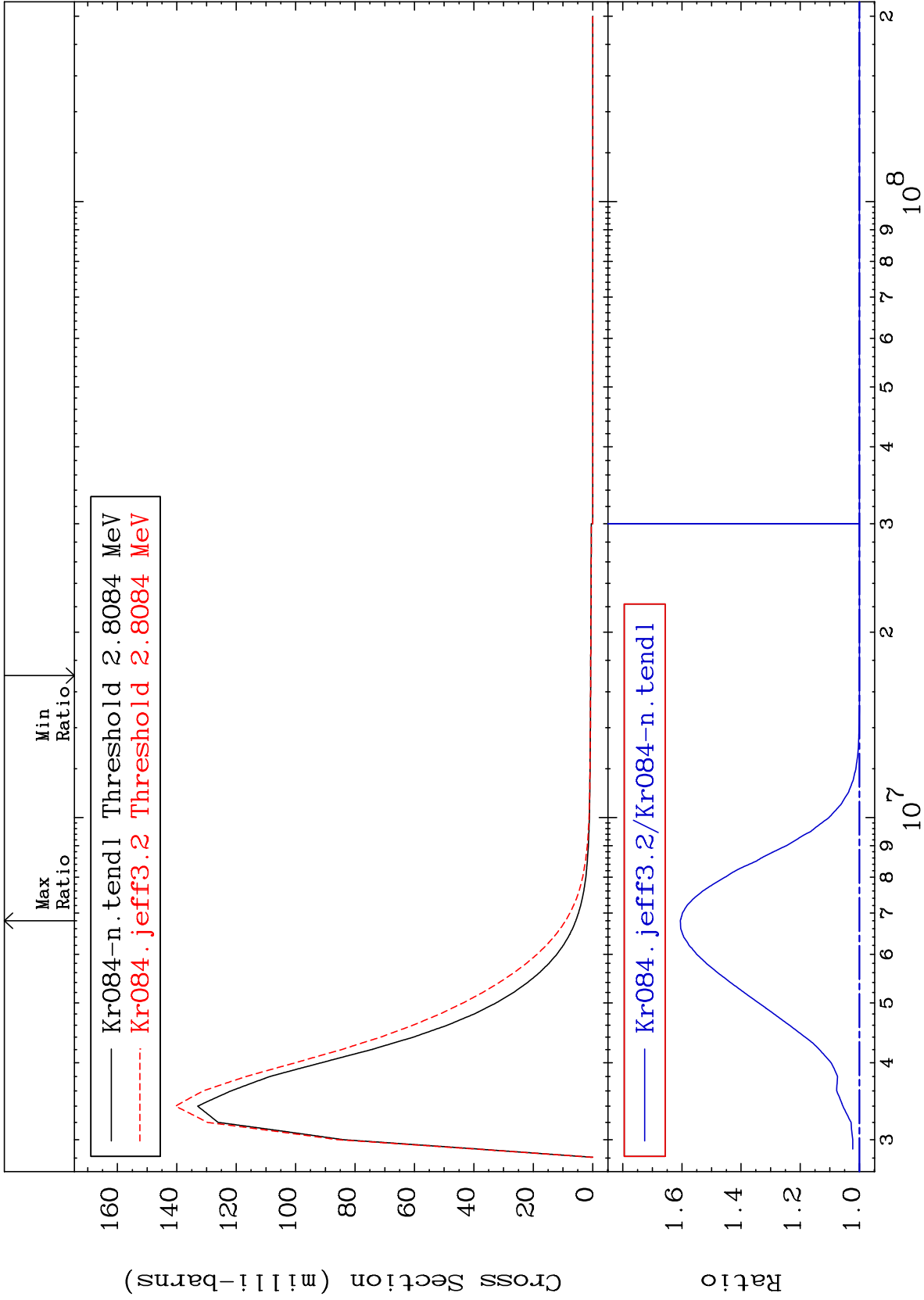


MAT 3643

2.771 MeV (n,n') Level  
Cross Section

36-Kr-84  
-11.76 To 74.00 %

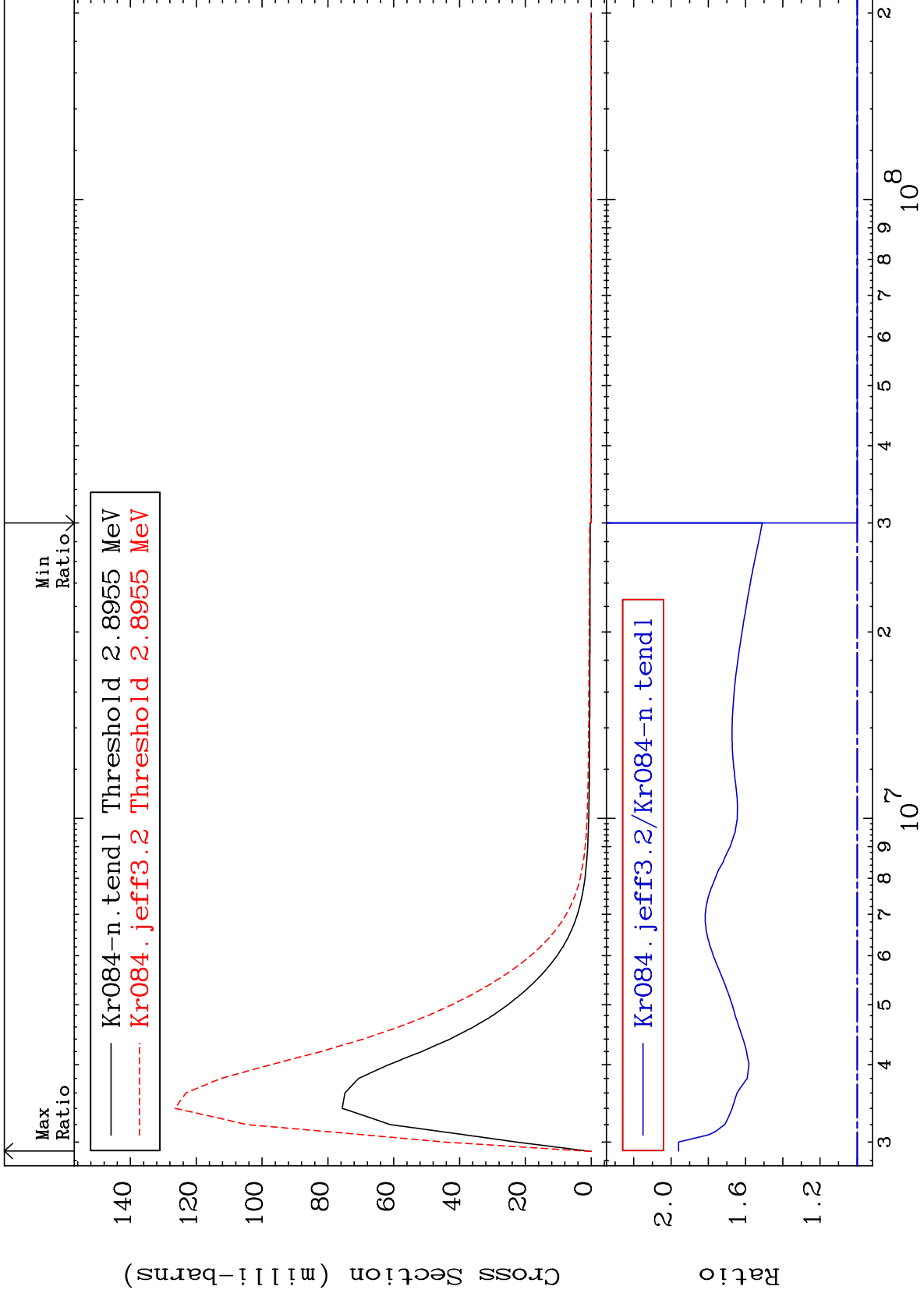




MAT 3643

2.861 MeV (n,n') Level  
Cross Section

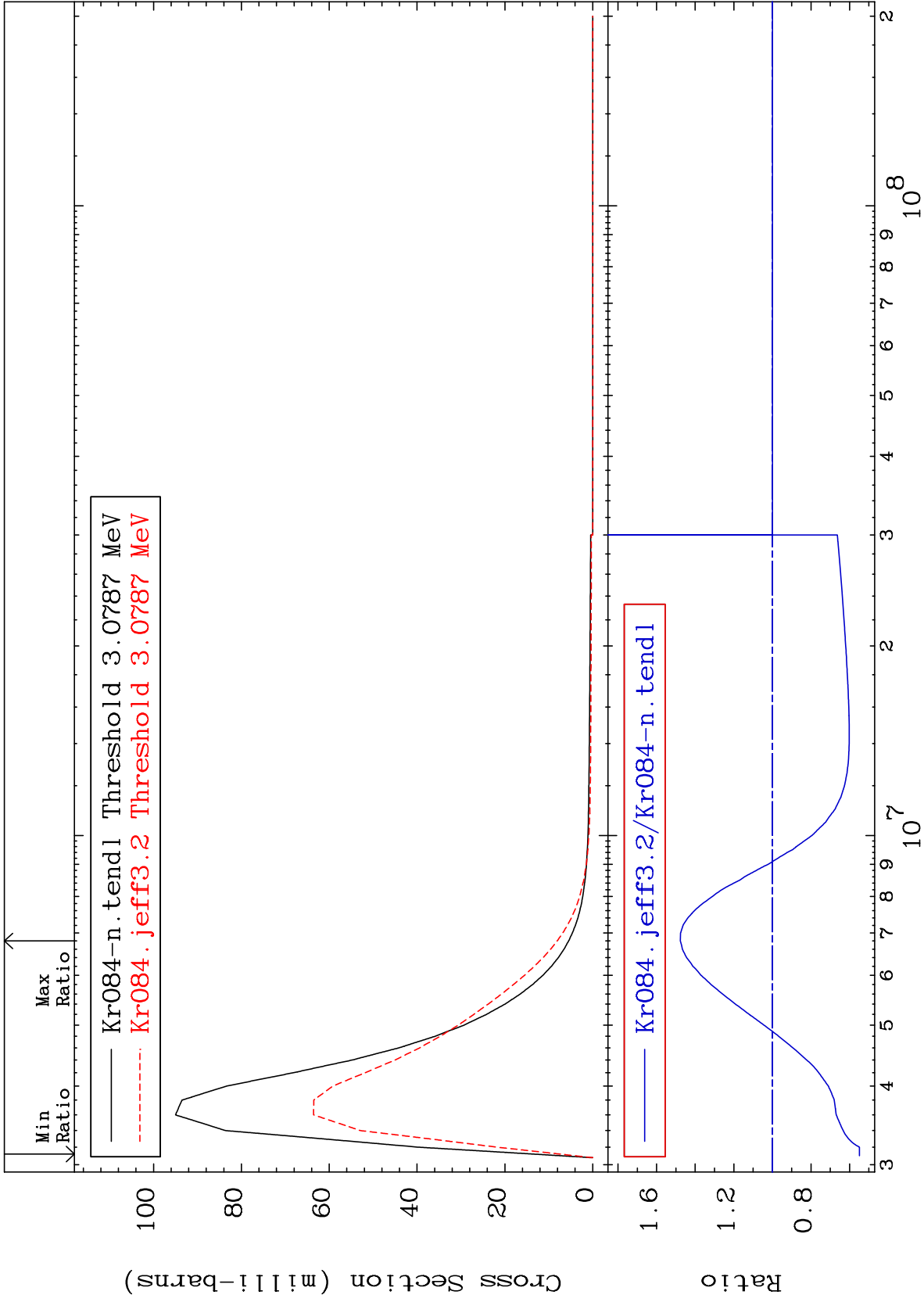
0.000 To 95.91 %  
36-Kr-84



30

Incident Energy (eV)

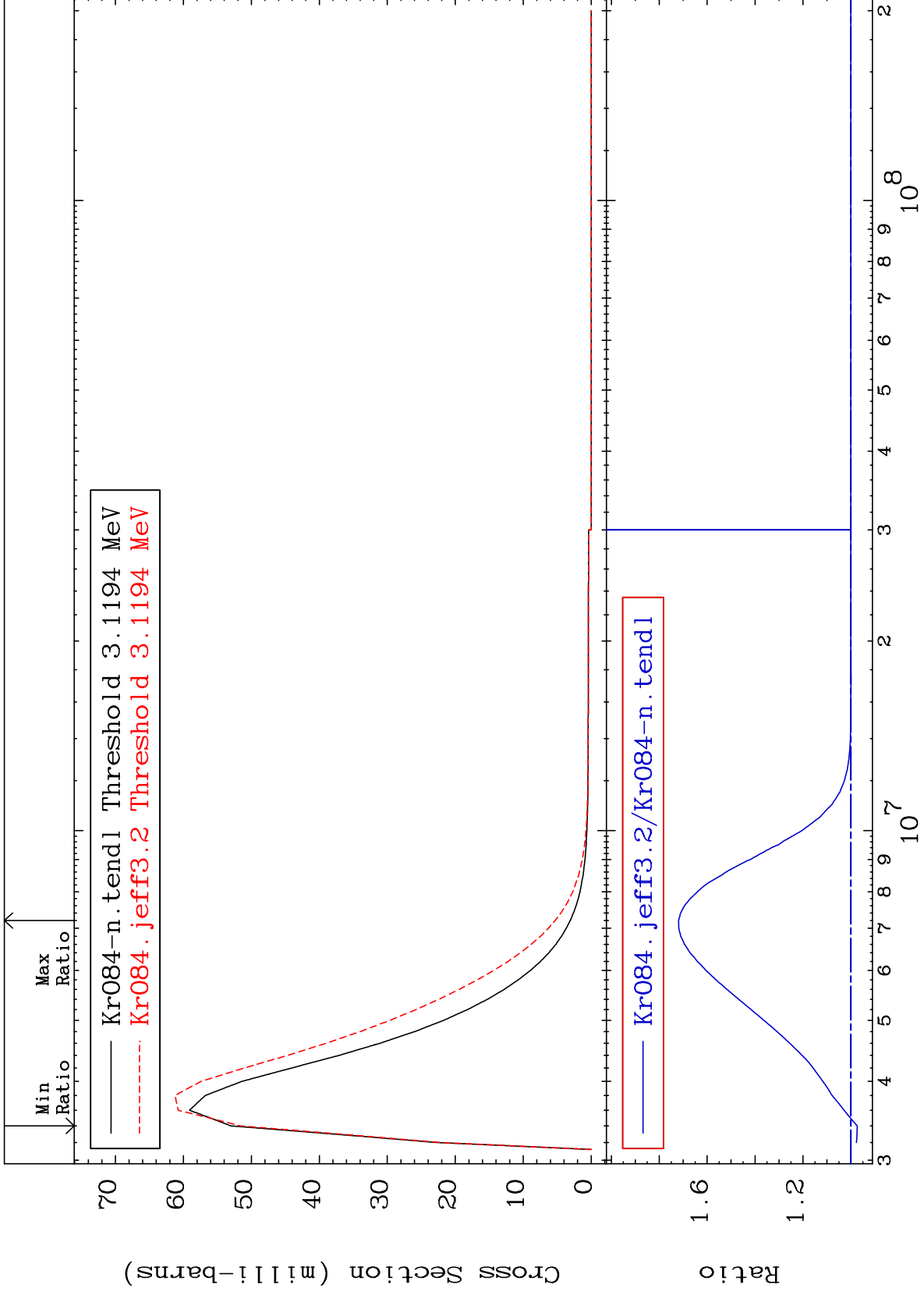
36-Kr-84



MAT 3643

3.082 MeV (n,n') Level  
Cross Section

36-Kr-84  
-2.658 To 71.90 %



32

36-Kr-84

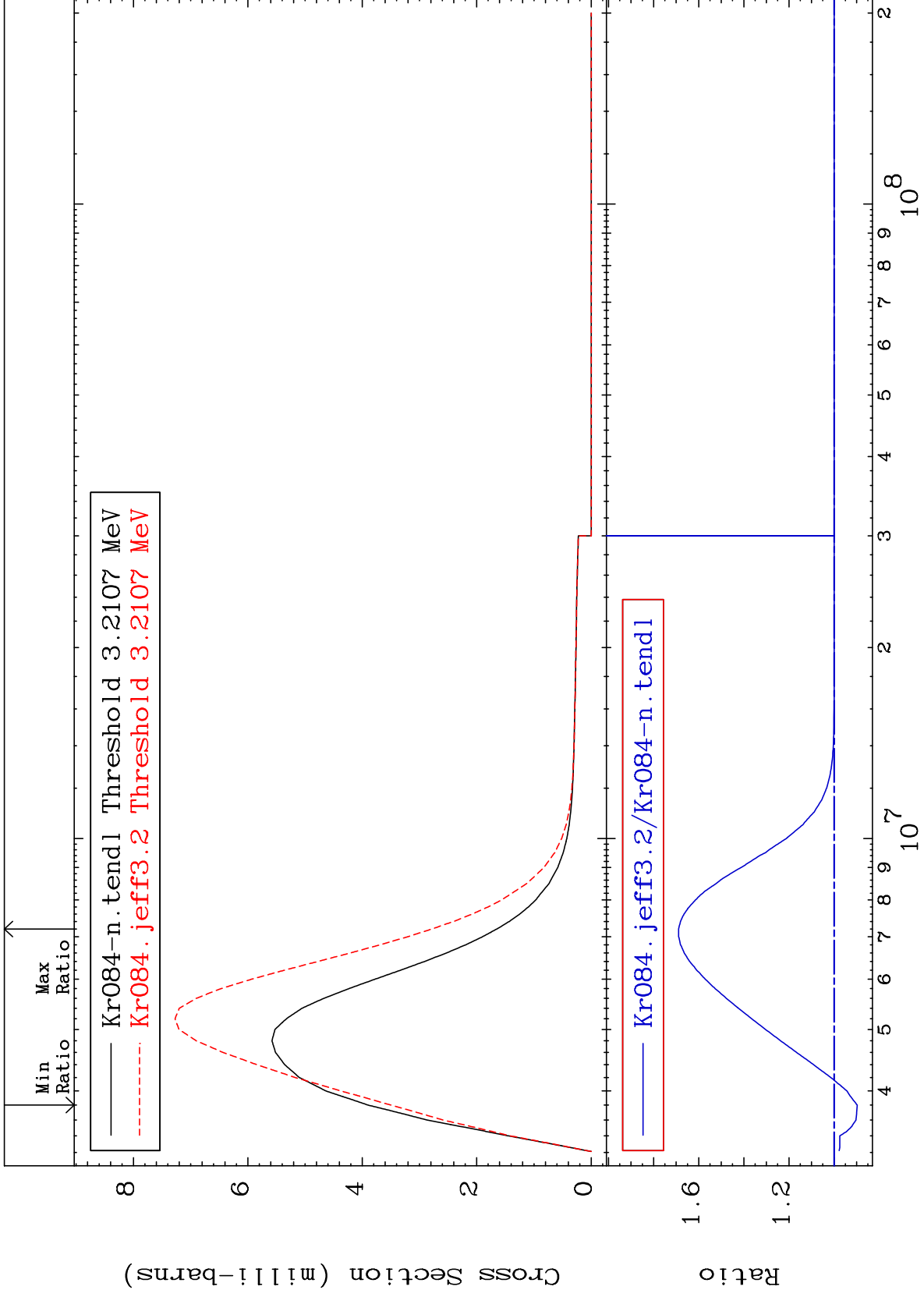
36-Kr-84



MAT 3643

3.173 MeV (n,n') Level  
Cross Section

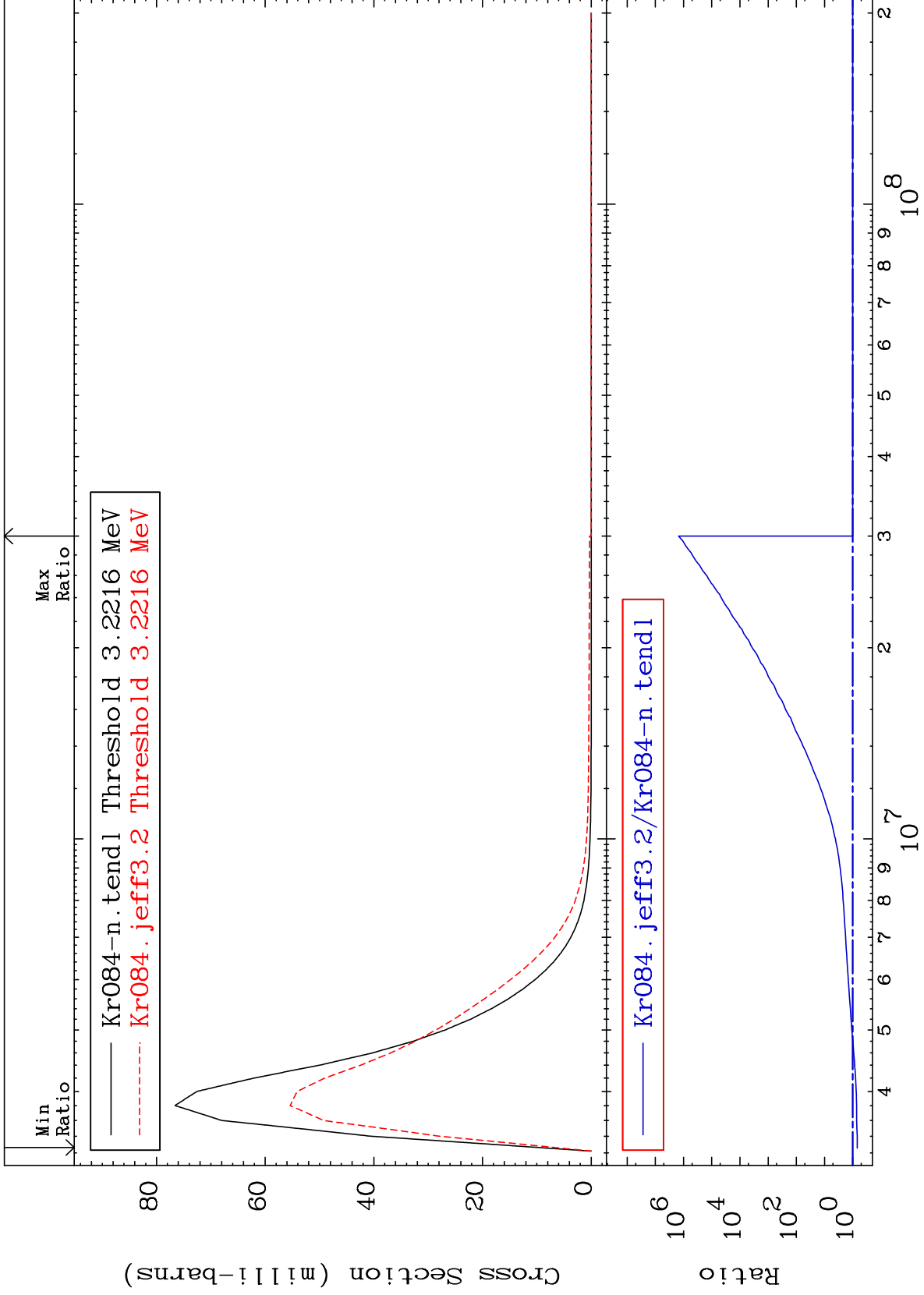
36-Kr-84  
-10.27 To 68.90 %



MAT 3643

3.183 MeV (n,n') Level  
Cross Section

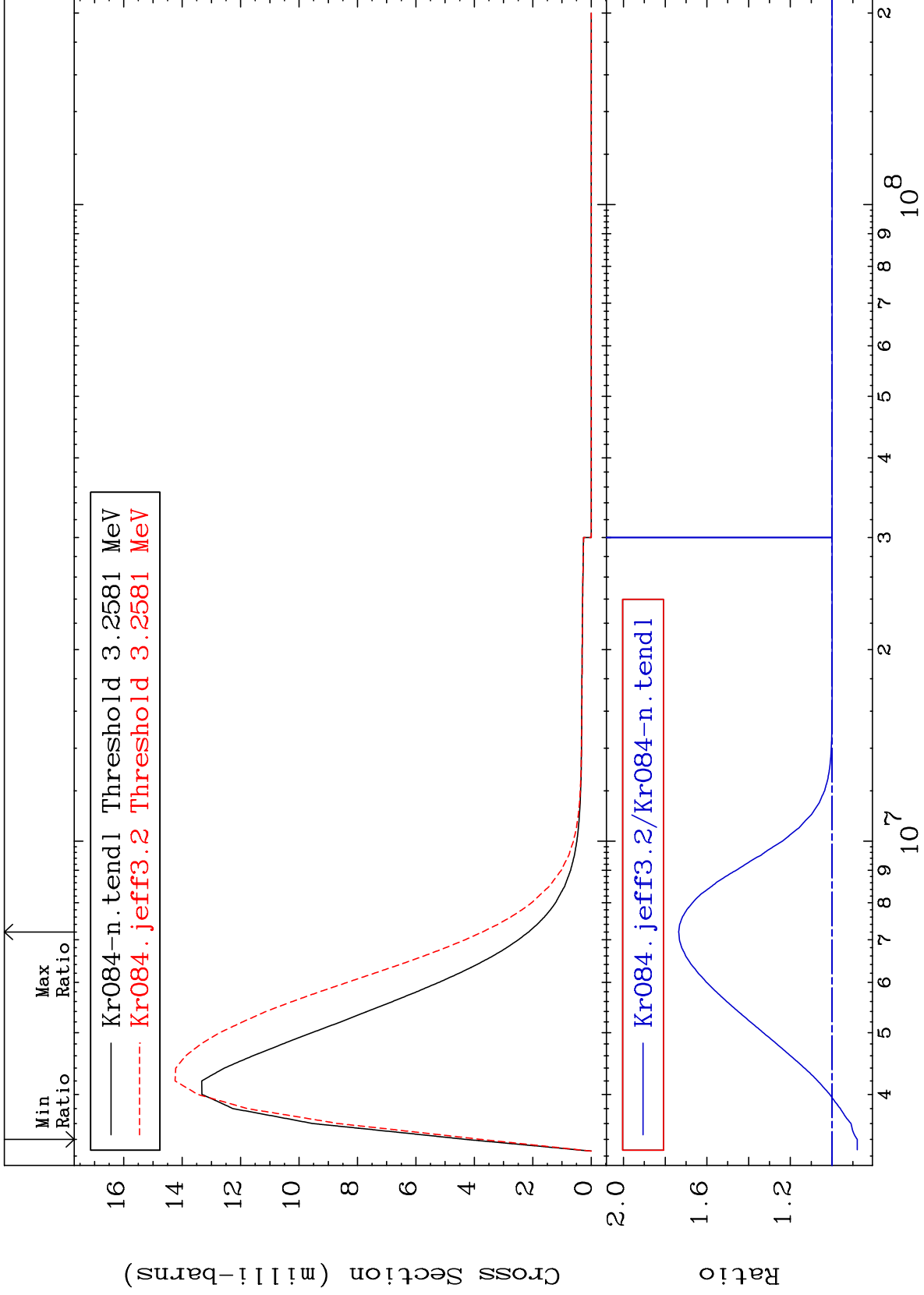
36-Kr-84  
-31.17 To 9999. %



MAT 3643

3.219 MeV (n,n') Level  
Cross Section

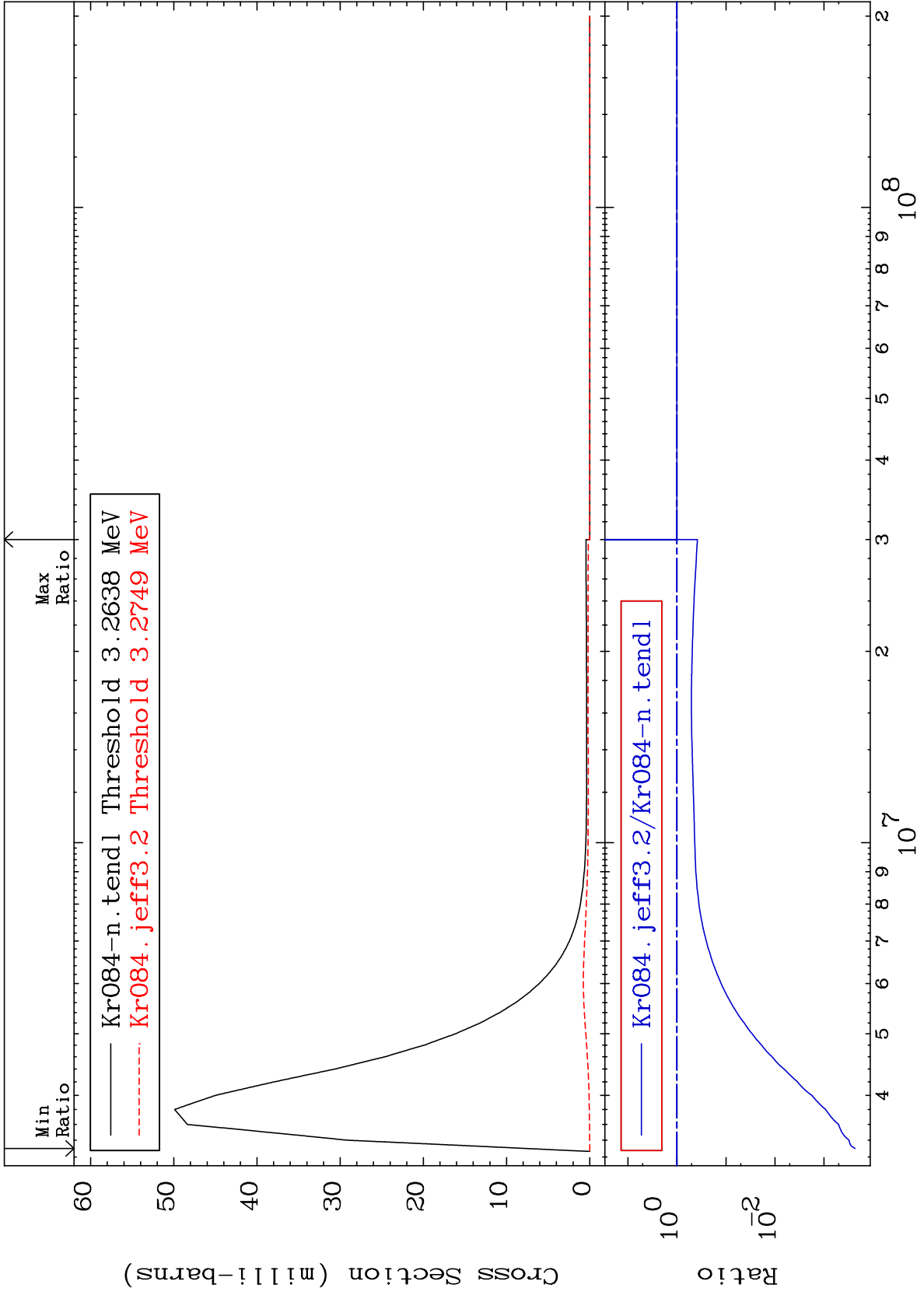
36-Kr-84  
-12.07 To 73.56 %



MAT 3643

3.225 MeV (n,n') Level  
Cross Section

36-Kr-84  
-99.98 To 0.000 %



36

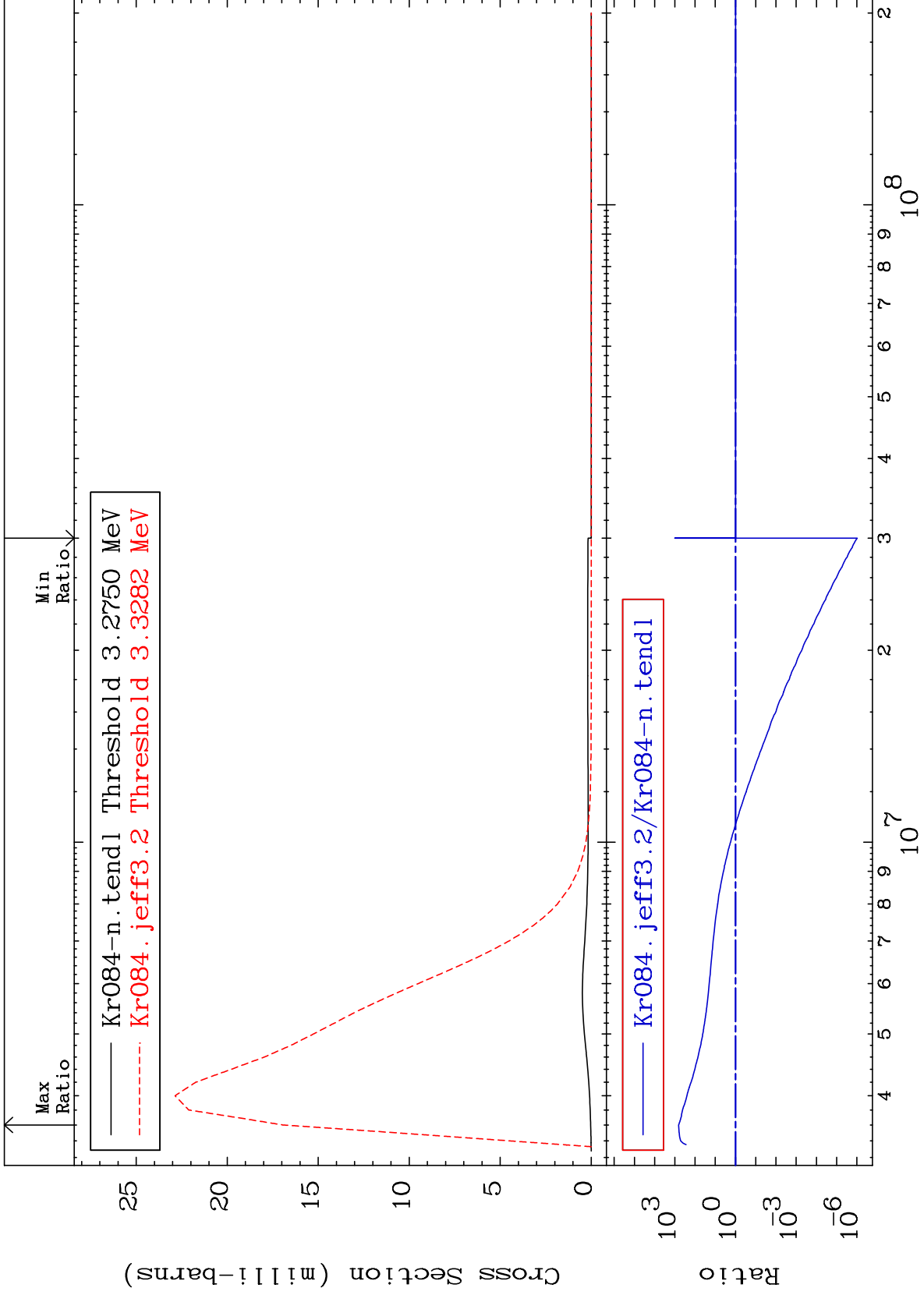
Incident Energy (eV)

36-Kr-84

MAT 3643

3.236 MeV (n,n') Level  
Cross Section

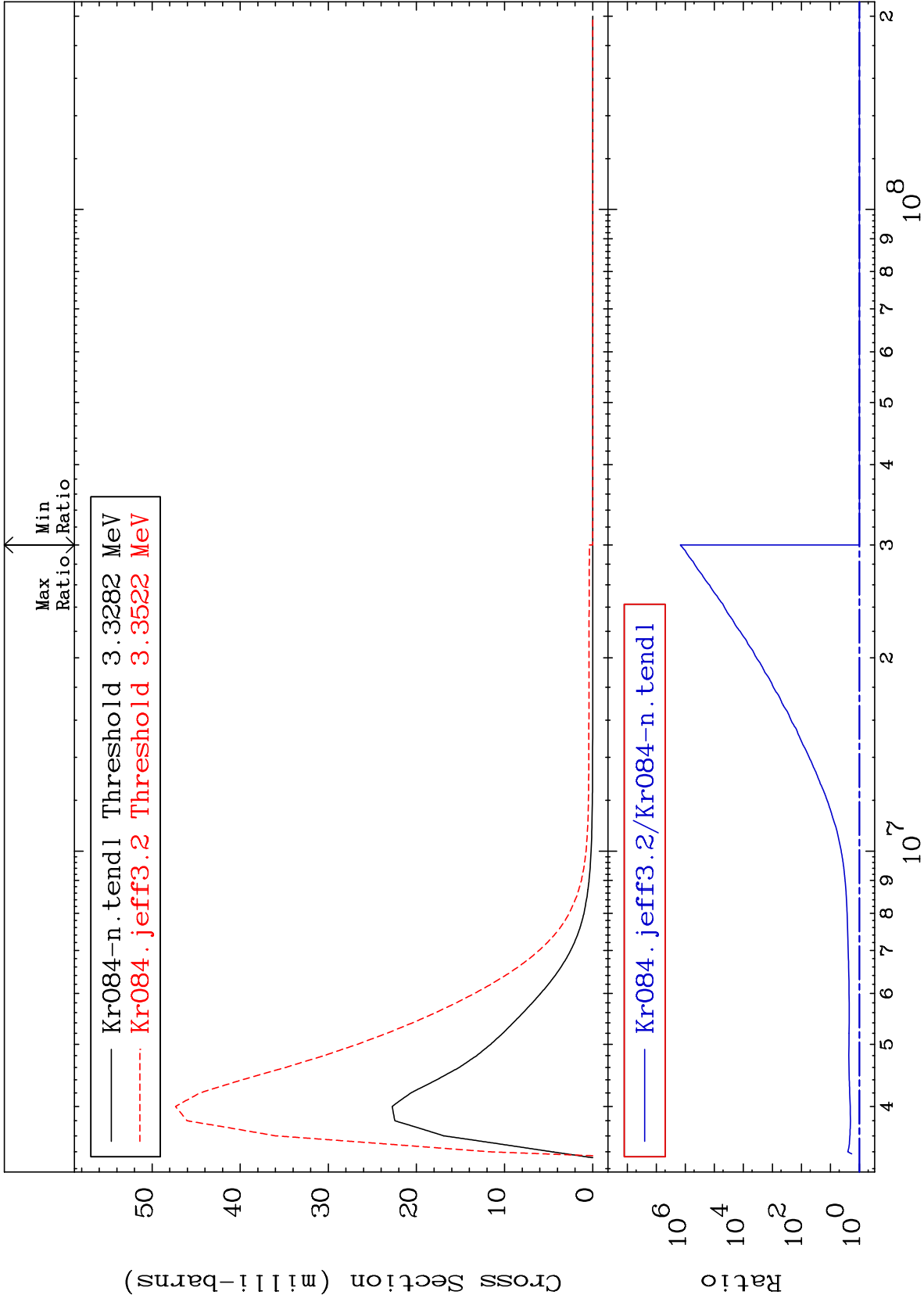
36-Kr-84  
-100.0 To 9999. %



MAT 3643

3.289 MeV (n,n') Level  
Cross Section

36-Kr-84  
0.000 To 9999. %



38

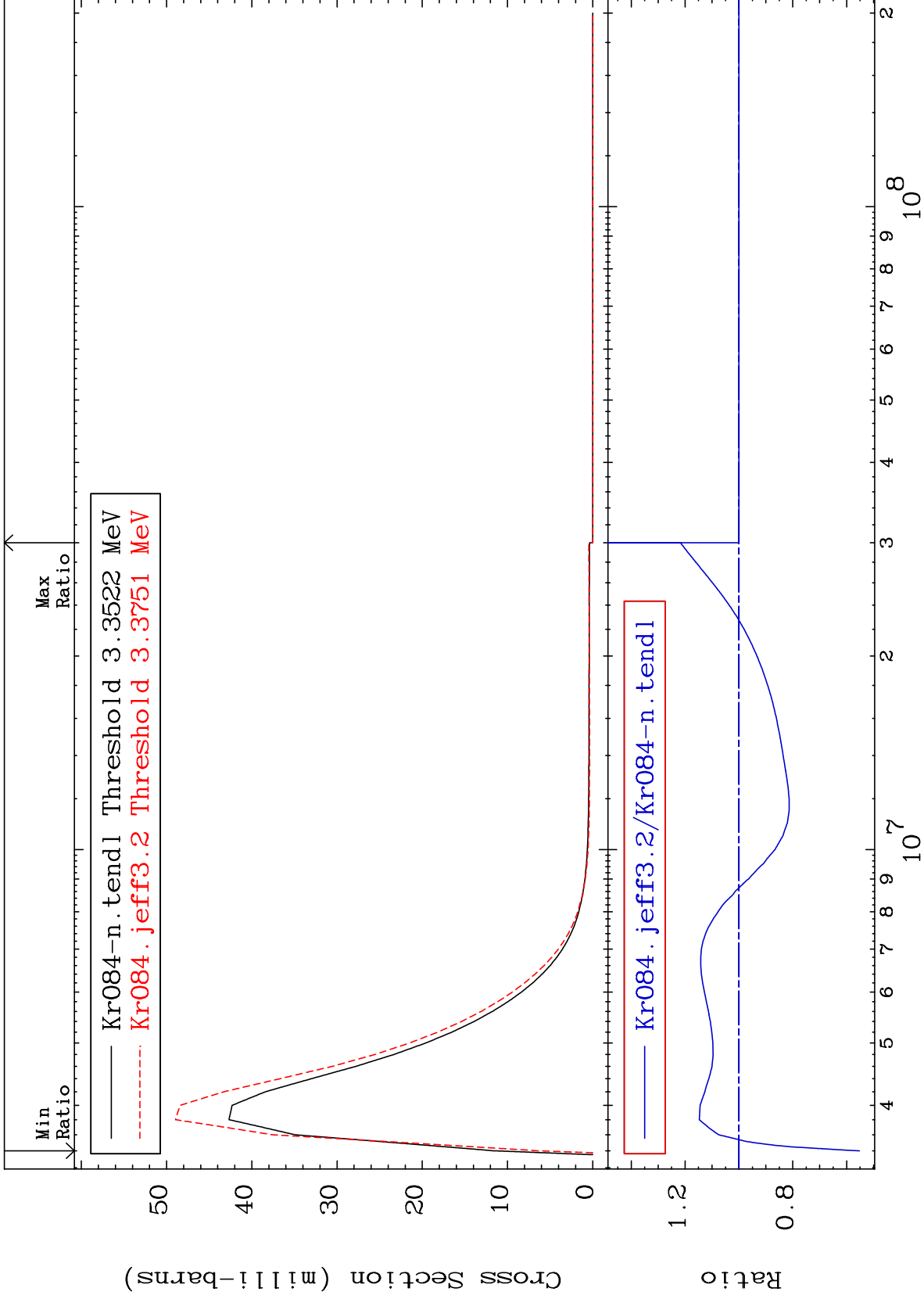
Incident Energy (eV)

36-Kr-84

MAT 3643

3.312 MeV (n,n') Level  
Cross Section

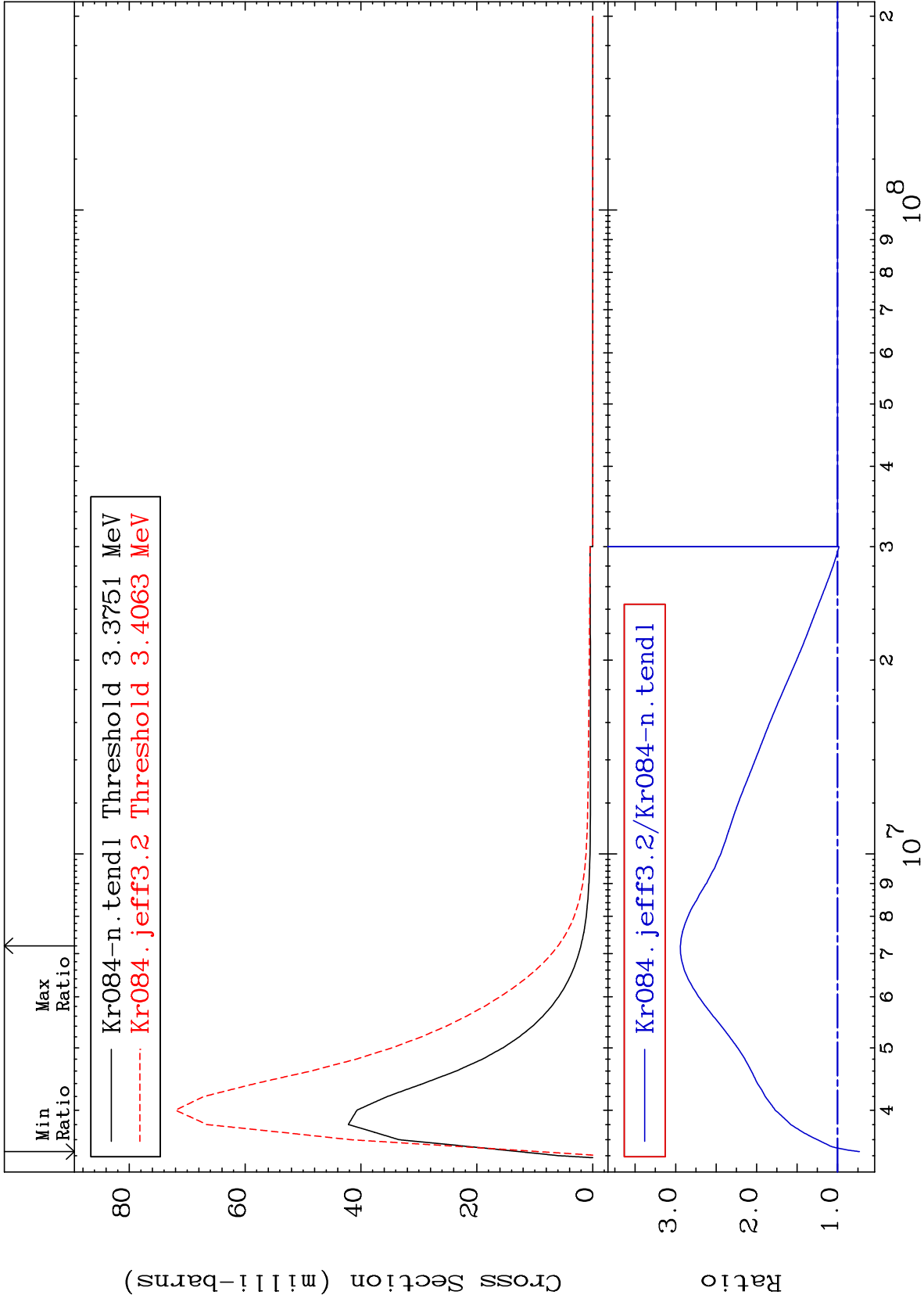
36-Kr-84  
-44.76 To 21.75 %



MAT 3643

3.335 MeV (n,n') Level  
Cross Section

36-Kr-84  
-26.92 To 194.2 %



40

Incident Energy (eV)

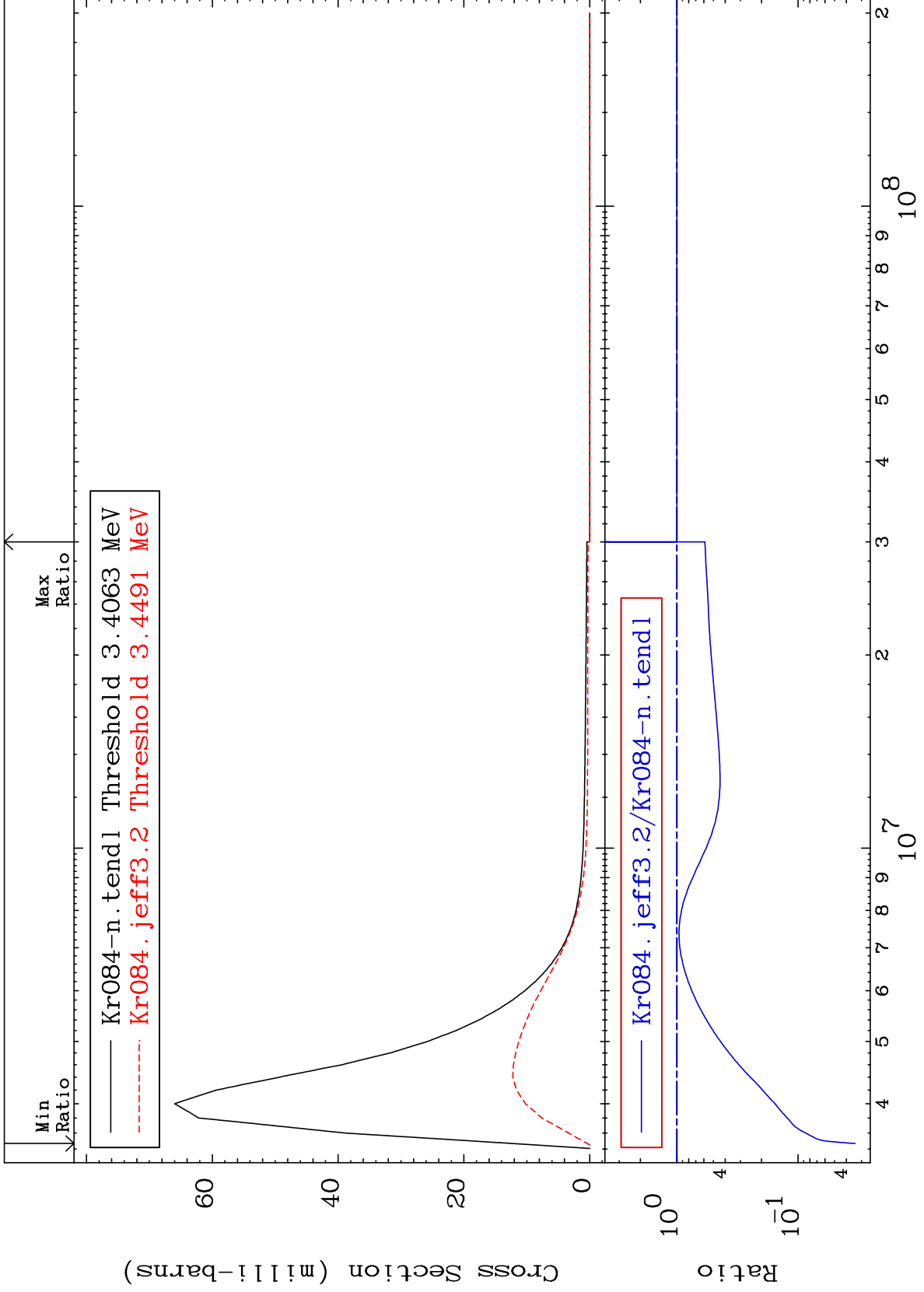
36-Kr-84



MAT 3643

3.366 MeV (n,n') Level  
Cross Section

36-Kr-84  
-96.61 To 0.000 %



41

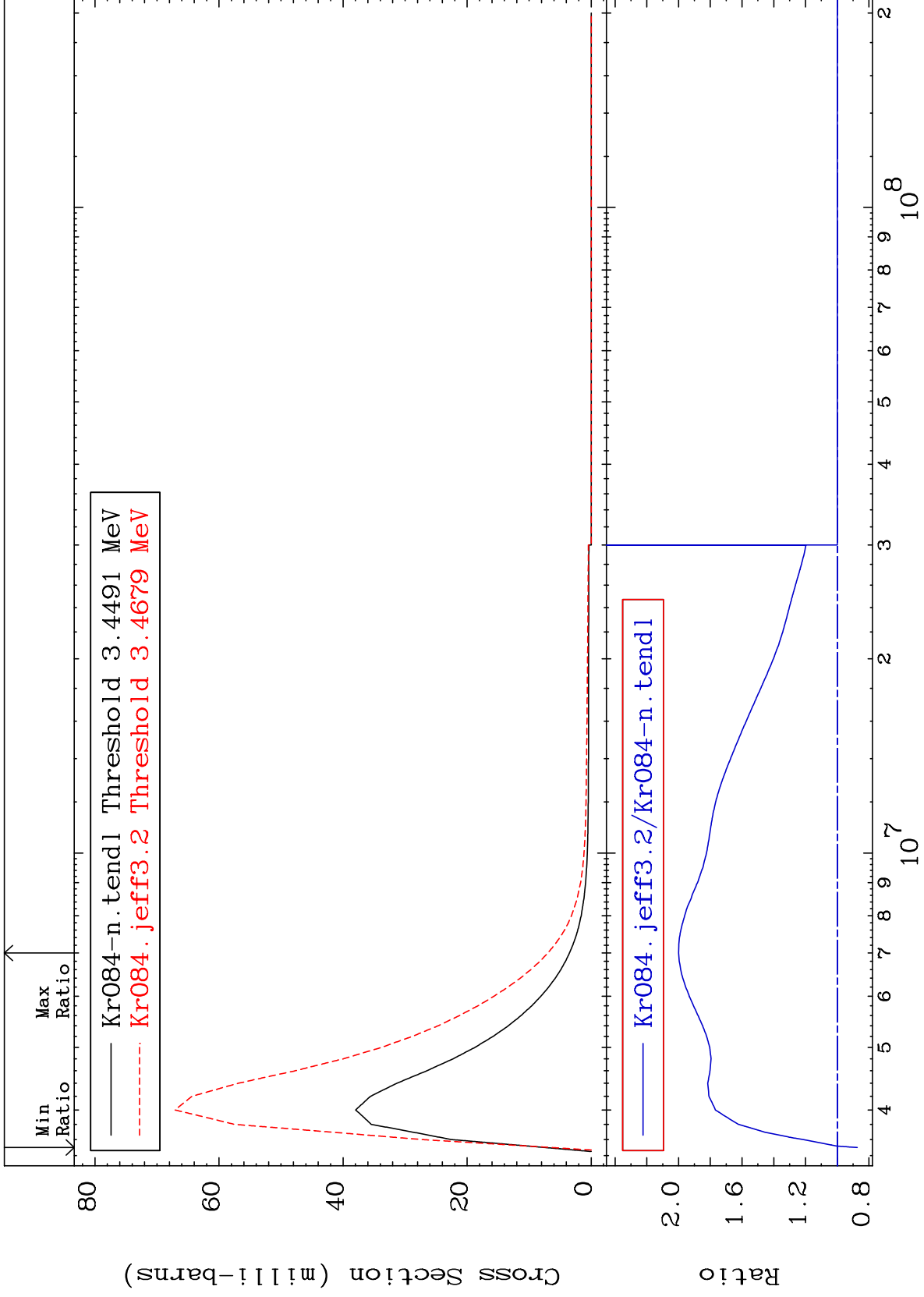
36-Kr-84

36-Kr-84

MAT 3643

3.408 MeV (n,n') Level  
Cross Section

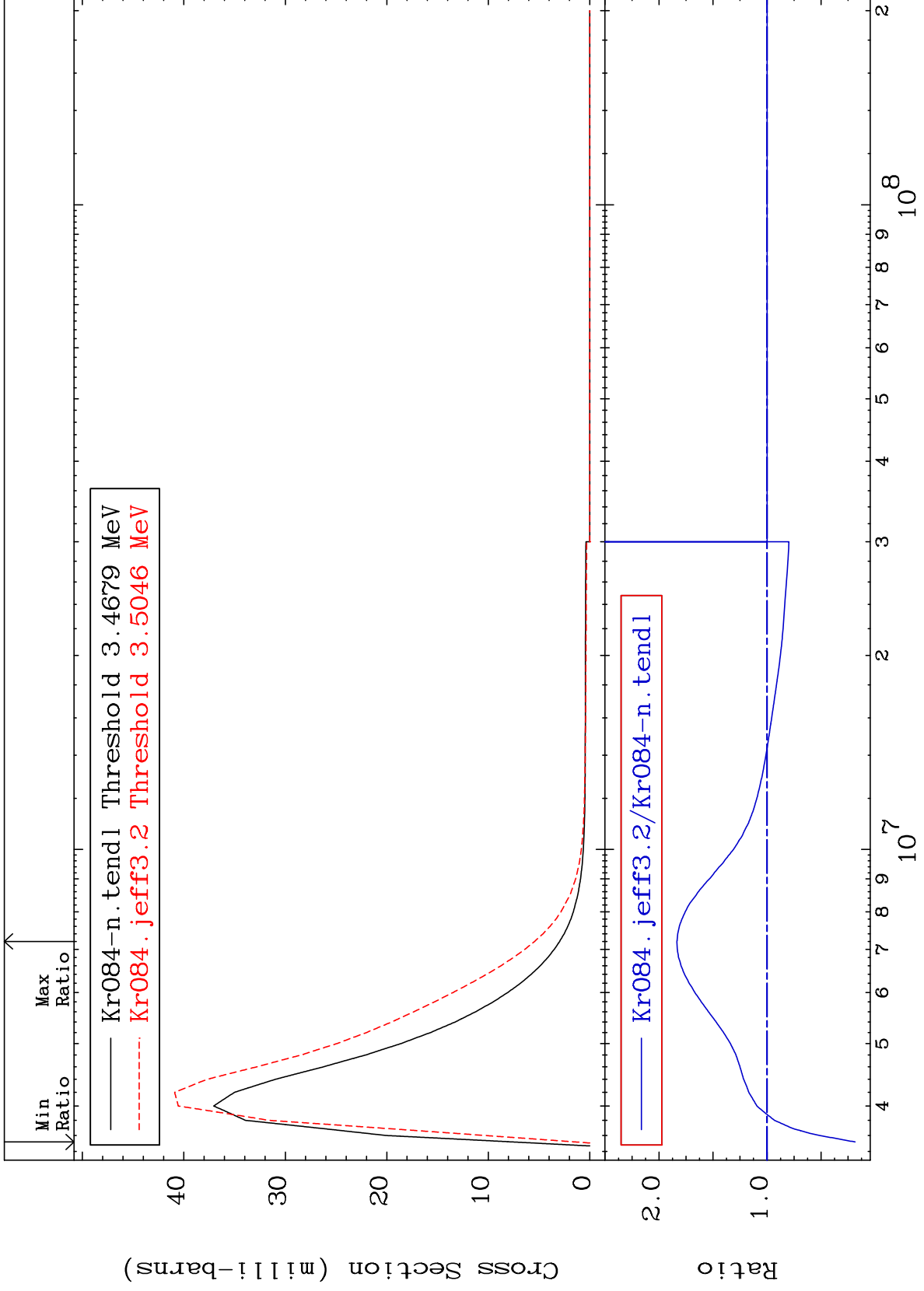
36-Kr-84  
-12.63 To 99.95 %



MAT 3643

3.427 MeV (n,n') Level  
Cross Section

36-Kr-84  
-81.52 To 83.41 %



43

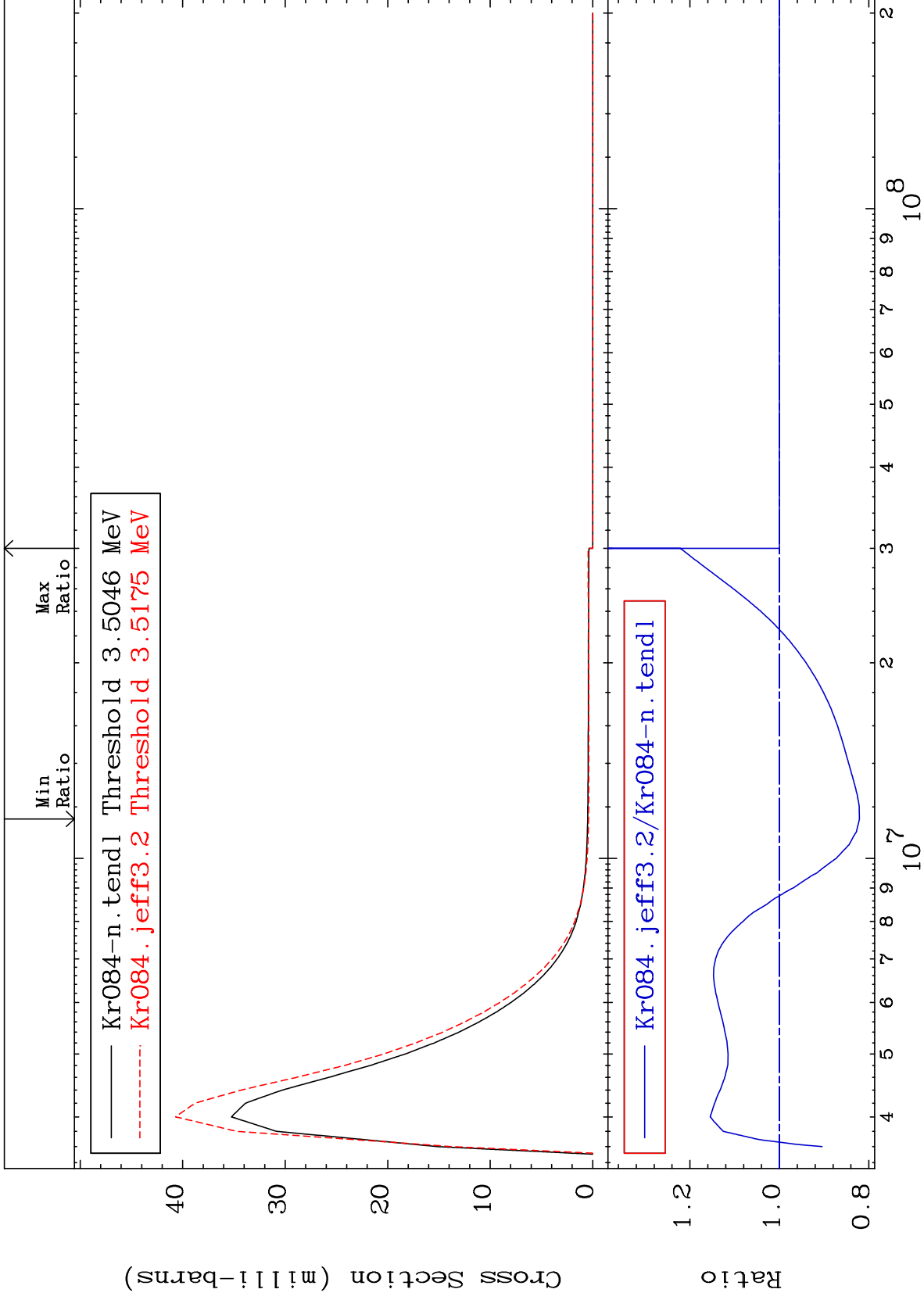
36-Kr-84

36-Kr-84

MAT 3643

3.463 MeV (n,n') Level  
Cross Section

36-Kr-84  
-17.90 To 22.14 %



44

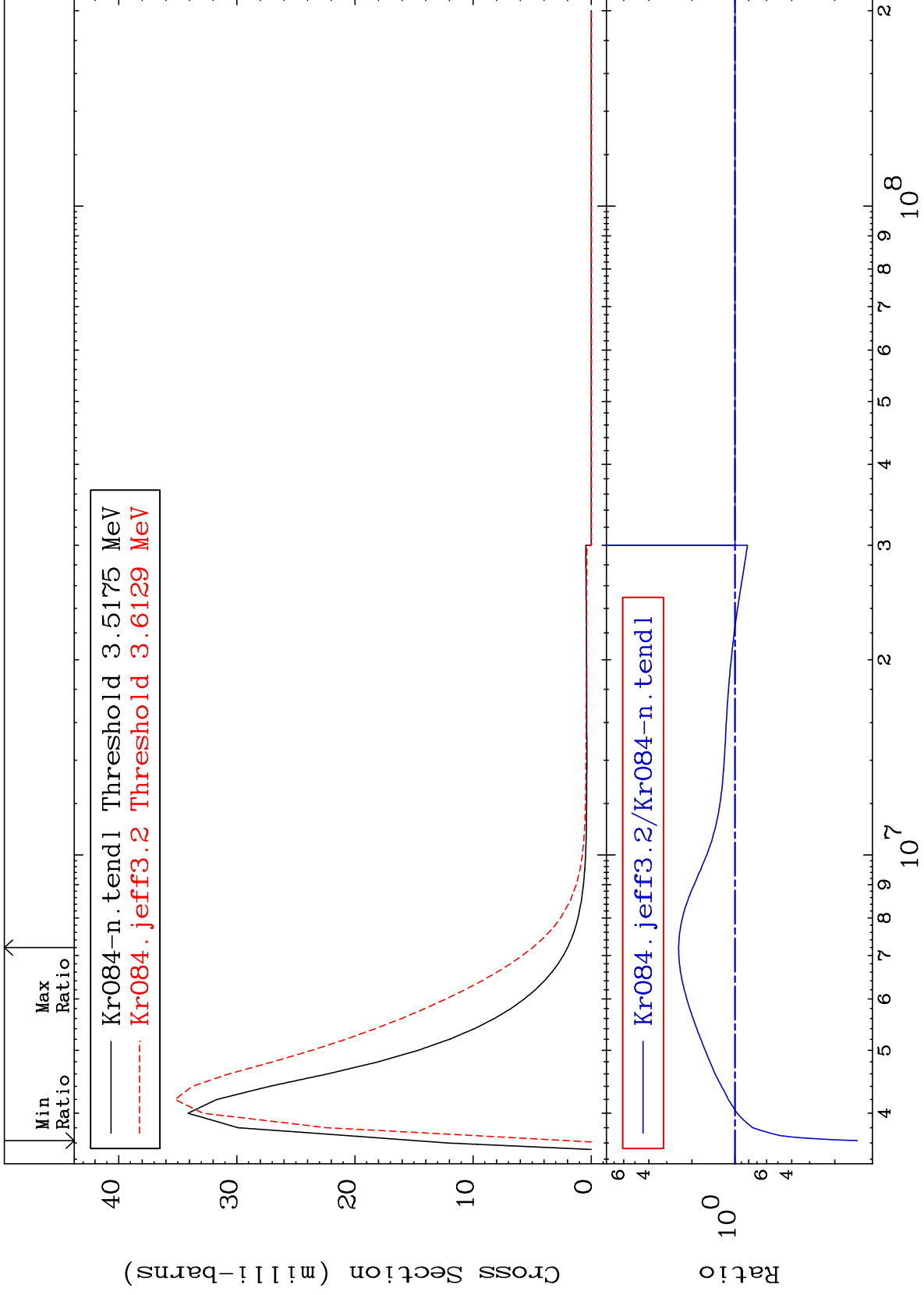
Incident Energy (eV)

36-Kr-84

MAT 3643

3.476 MeV (n,n') Level  
Cross Section

36-Kr-84  
-86.08 To 147.5 %



45

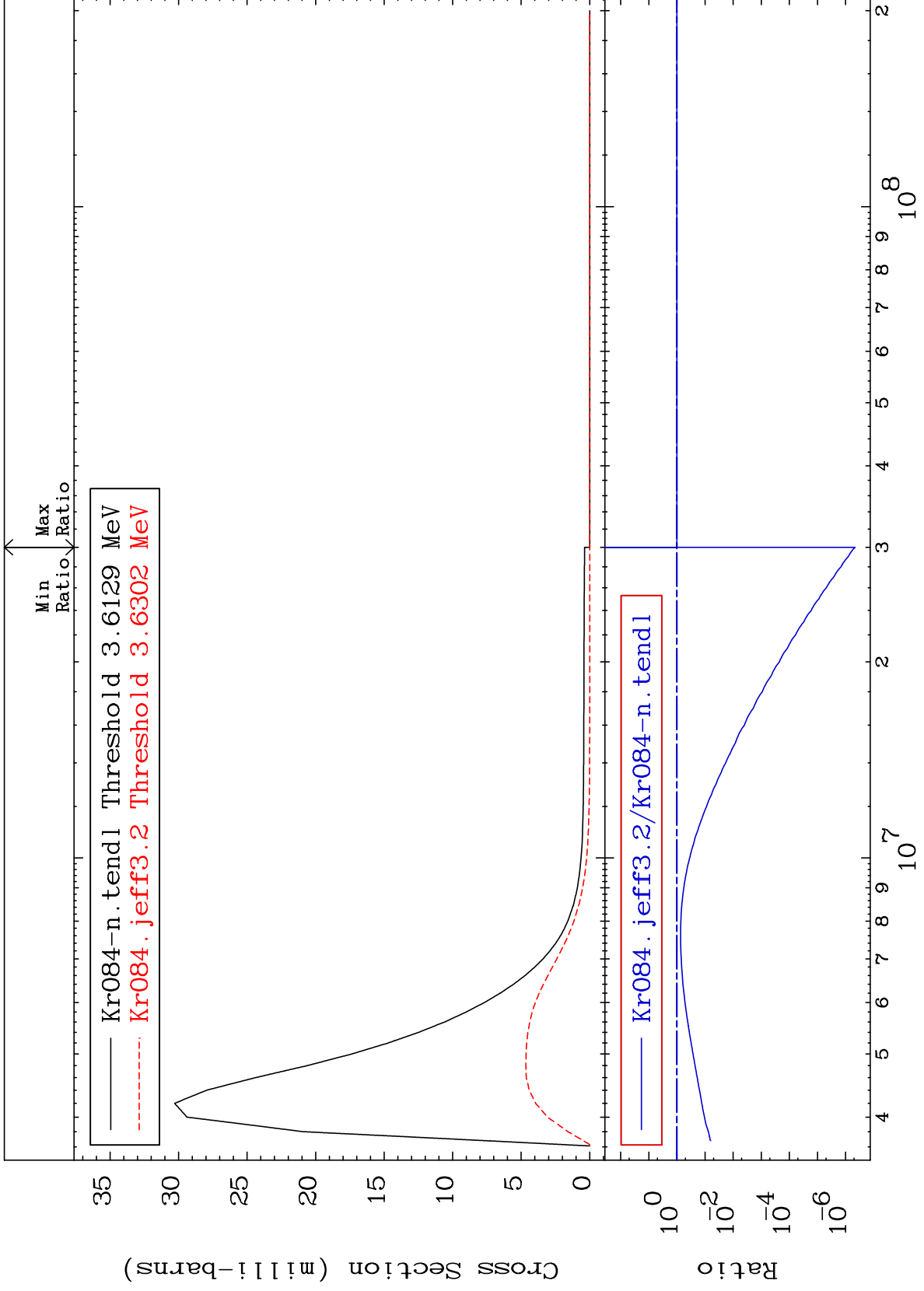
36-Kr-84

36-Kr-84

MAT 3643

3.570 MeV (n,n') Level  
Cross Section

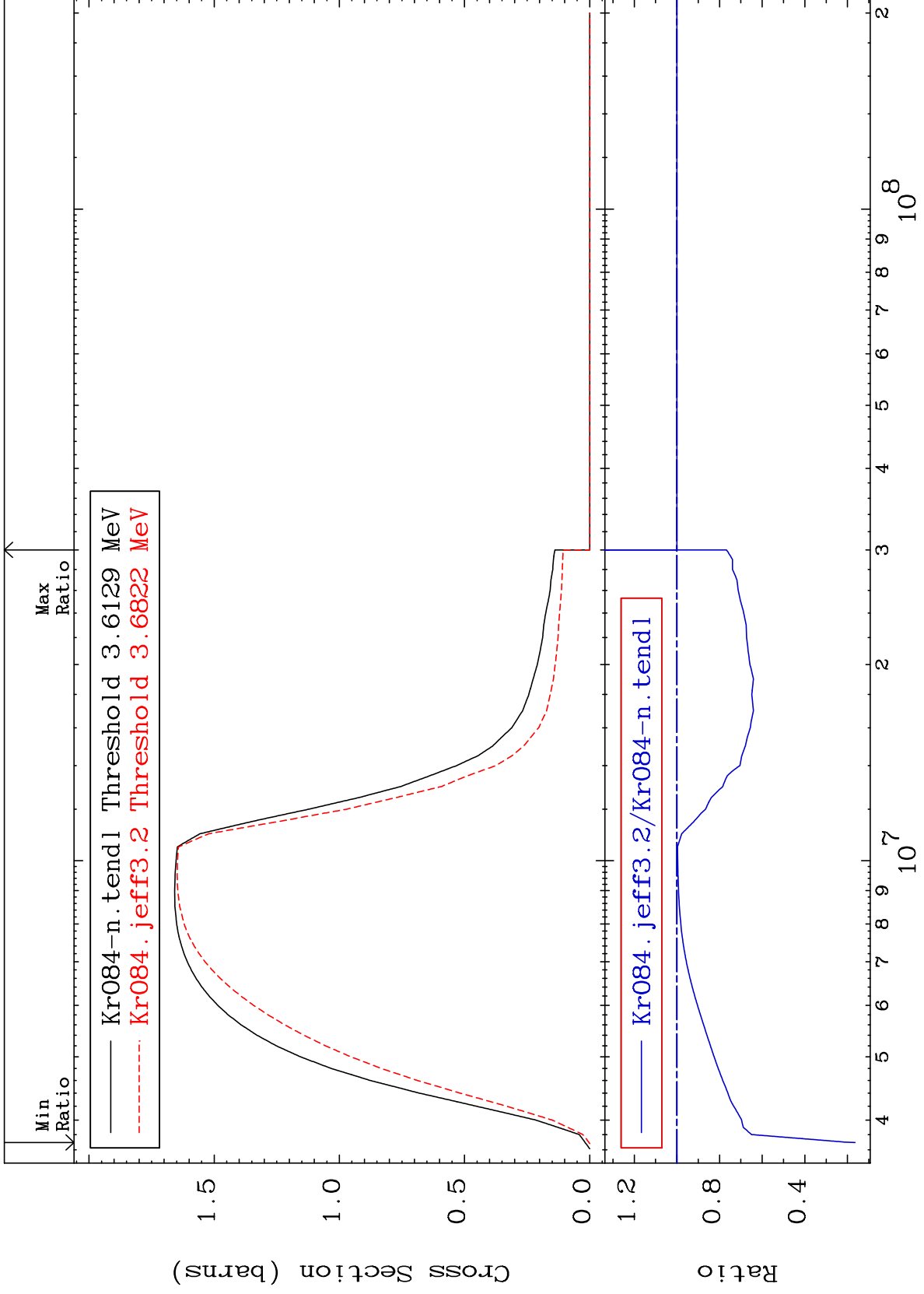
36-Kr-84  
-100.0 To 0.000 %



MAT 3643

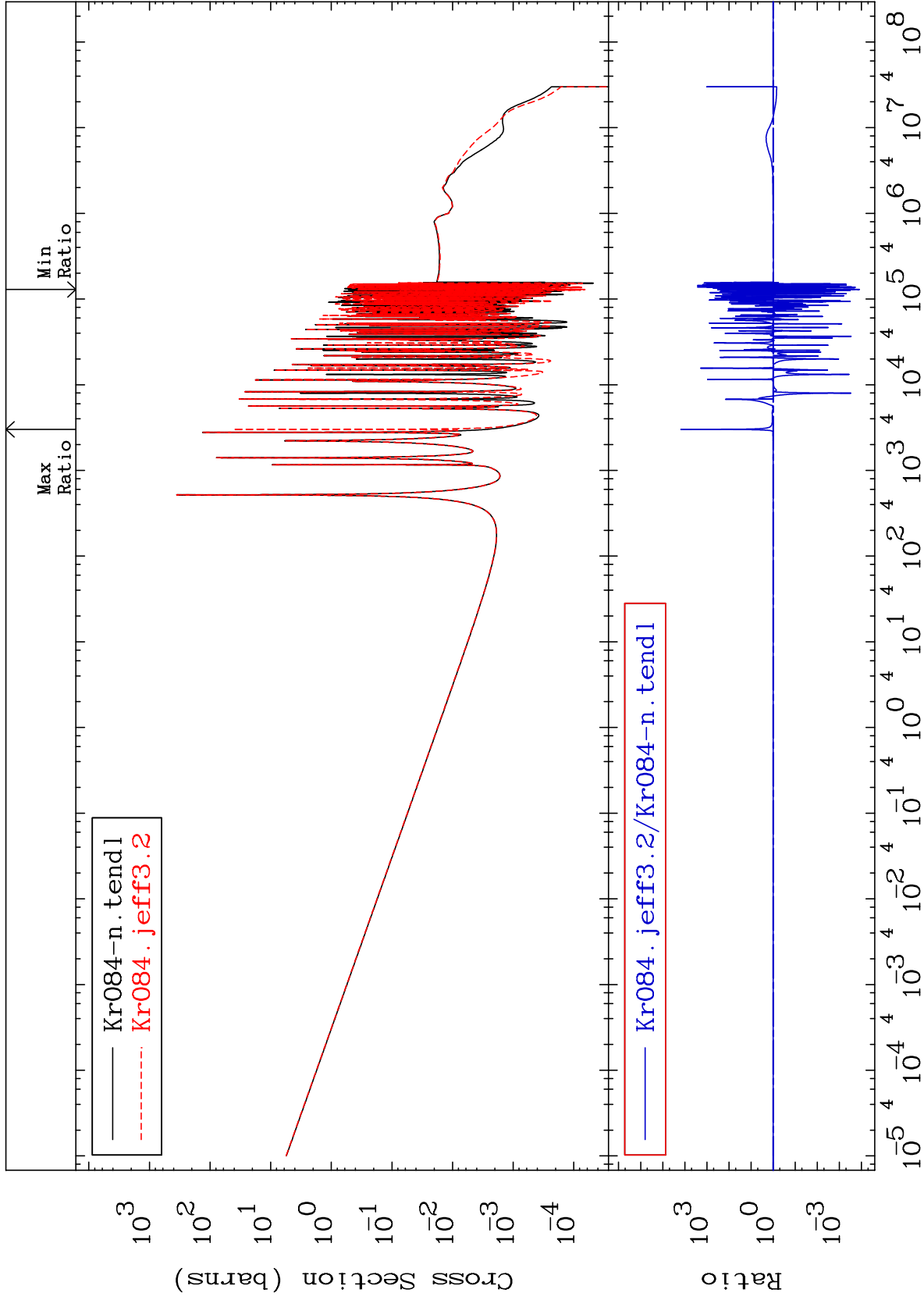
(n, n') Continuum  
Cross Section

36-Kr-84  
-83.57 To 0.000 %



Cross Section

-99.99 To 9999. %





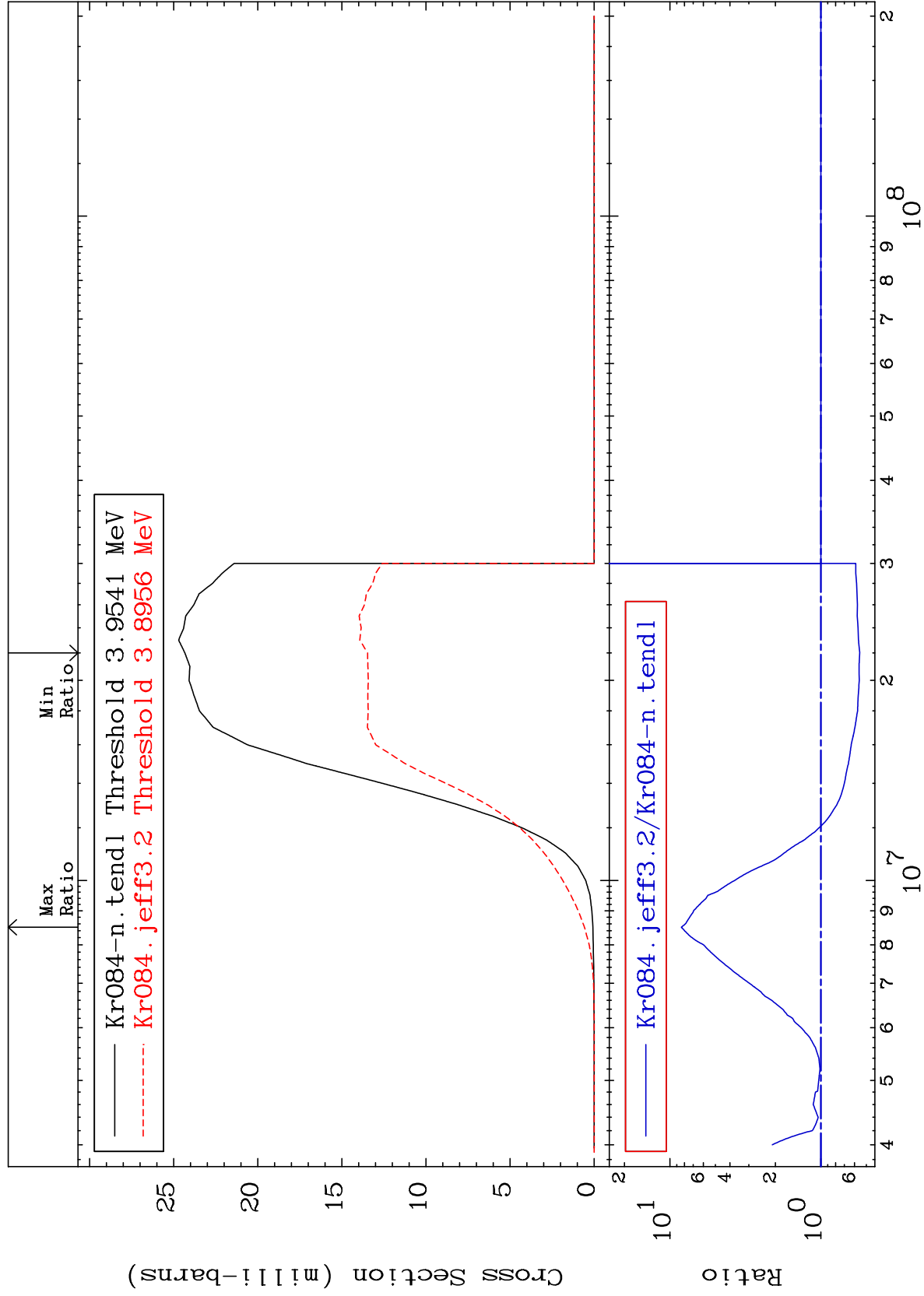
MAT 3643

(n,p)

<sup>36</sup>Kr-84

Cross Section

-44.64 To 738.8 %



49

Incident Energy (eV)

<sup>36</sup>Kr-84

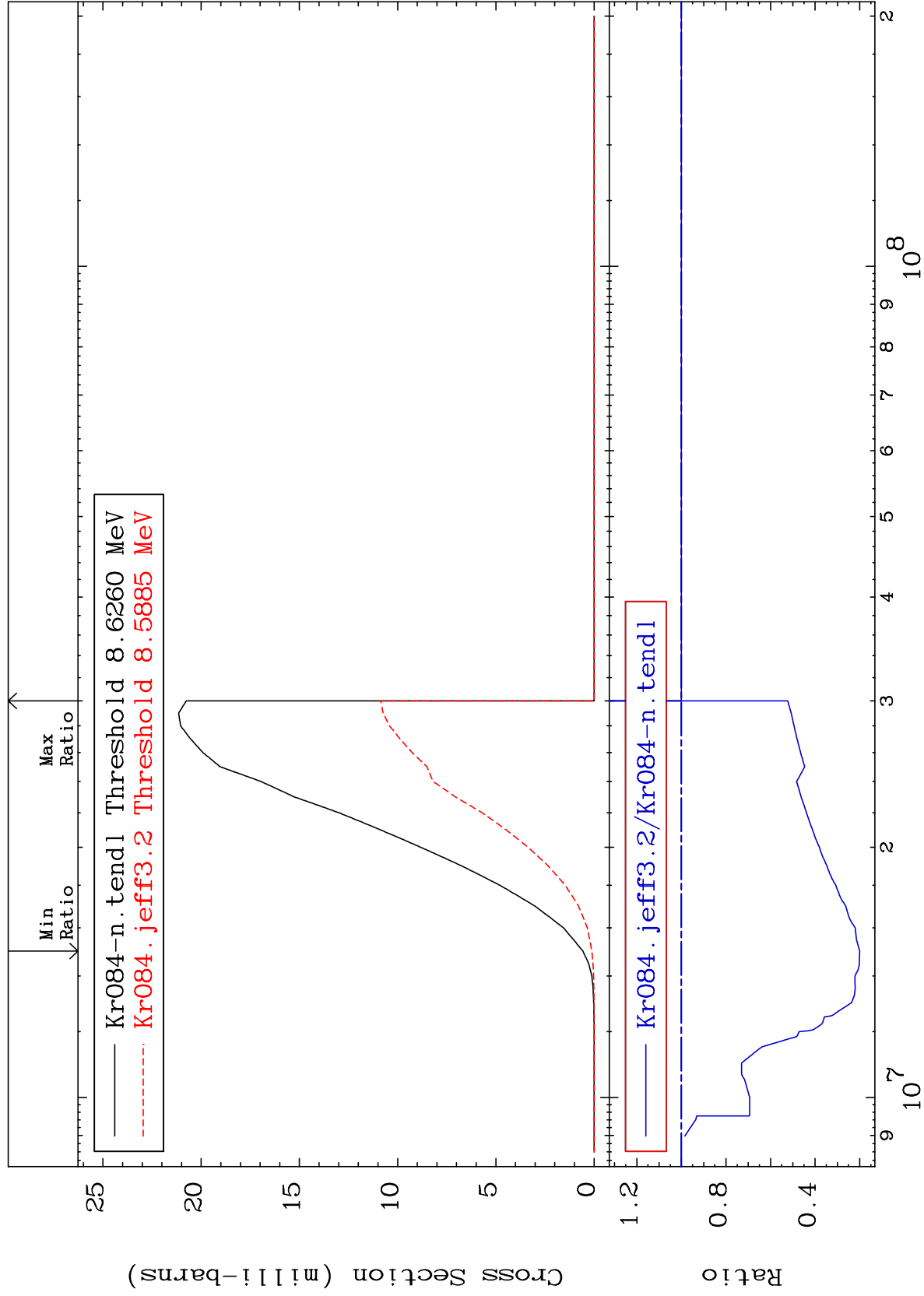
MAT 3643

(n, d)

<sup>36</sup>Kr-84

Cross Section

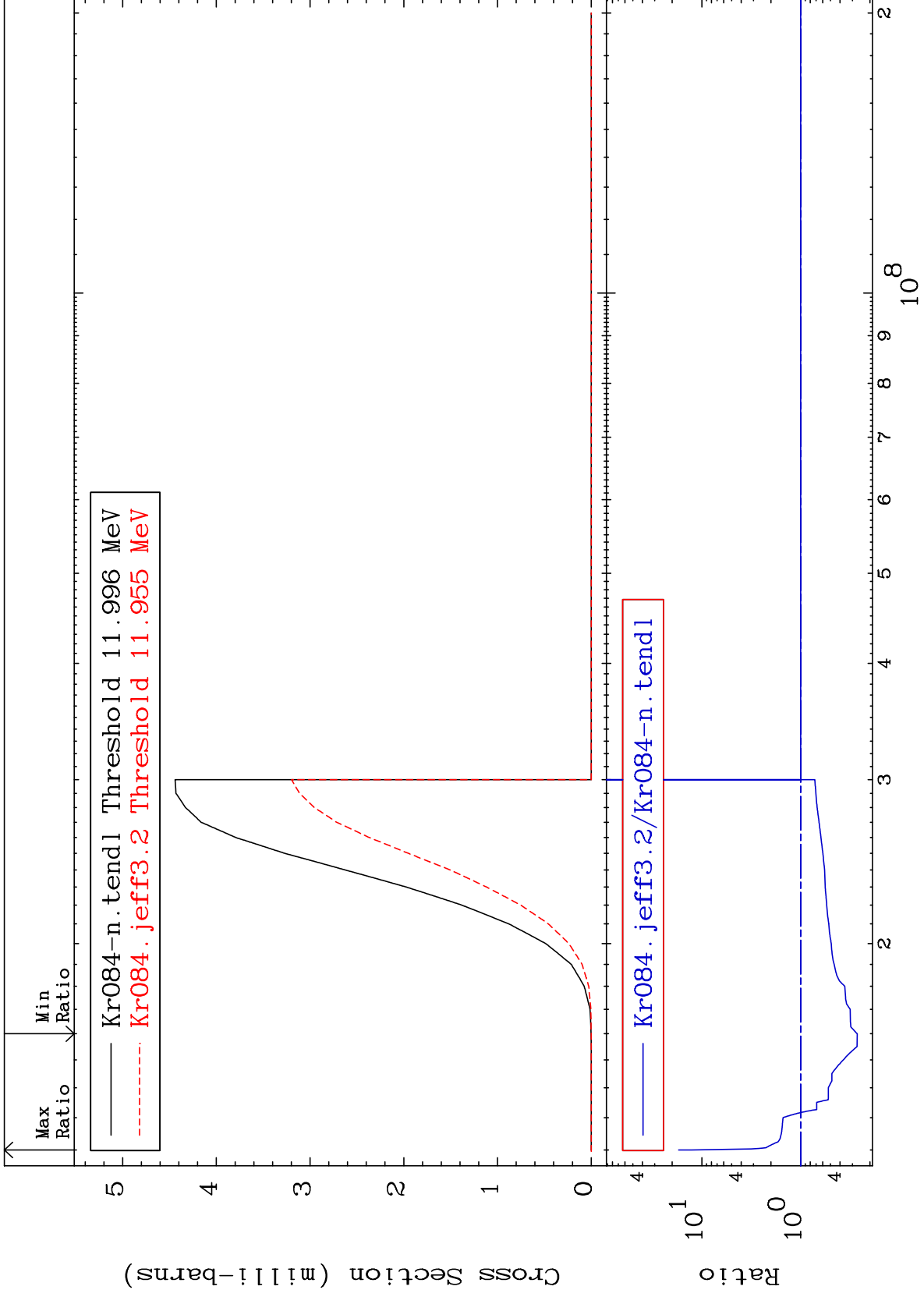
-80.01 To 0.000 %



50

Incident Energy (eV)

<sup>36</sup>Kr-84



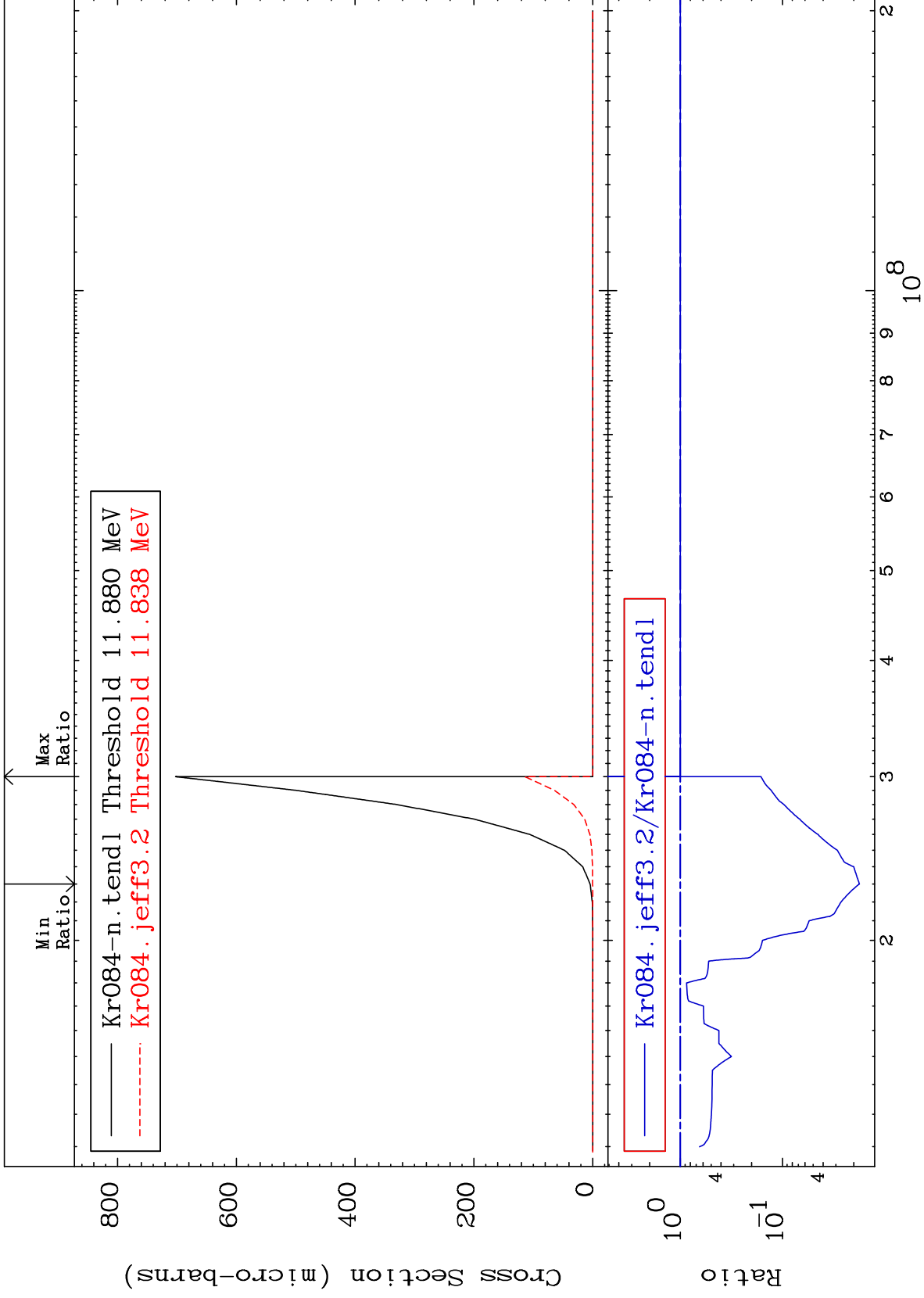
MAT 3643

(n, He-3)

<sup>36</sup>Kr-84

Cross Section

-98.24 To 0.000 %



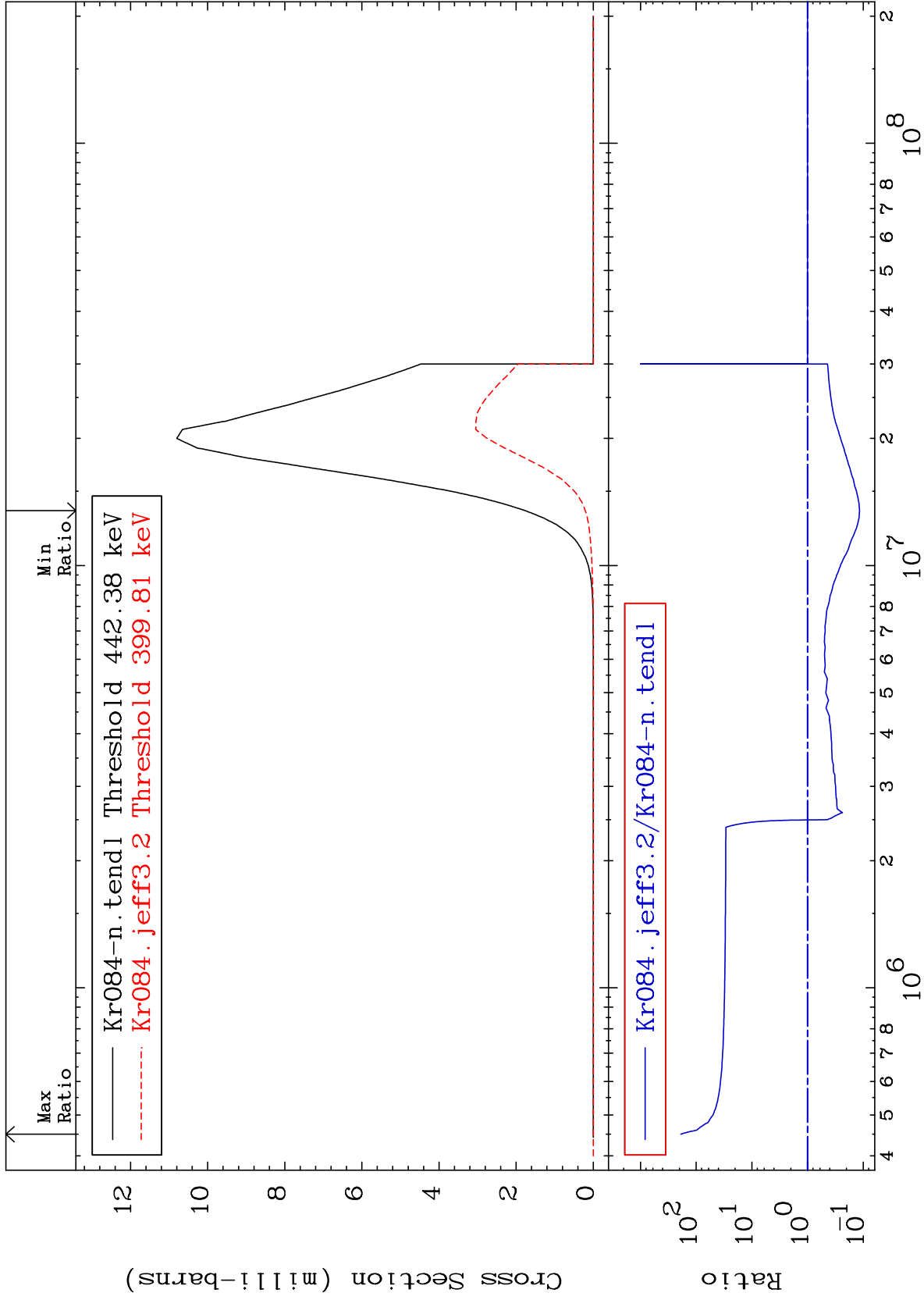
MAT 3643

(n,  $\alpha$ )

<sup>36</sup>Kr-84

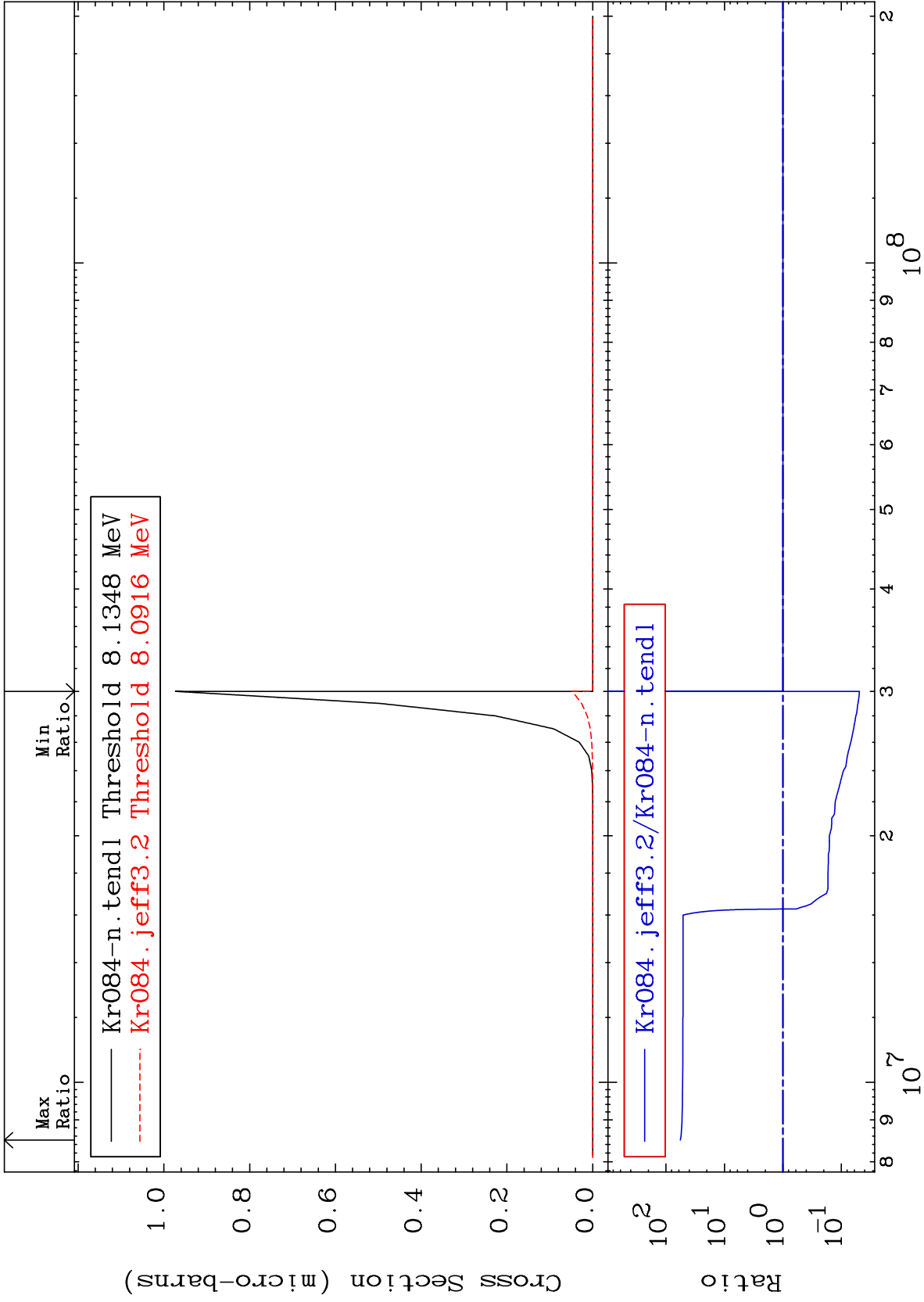
Cross Section

-88.35 To 9999. %



Cross Section

-95.09 To 5568. %



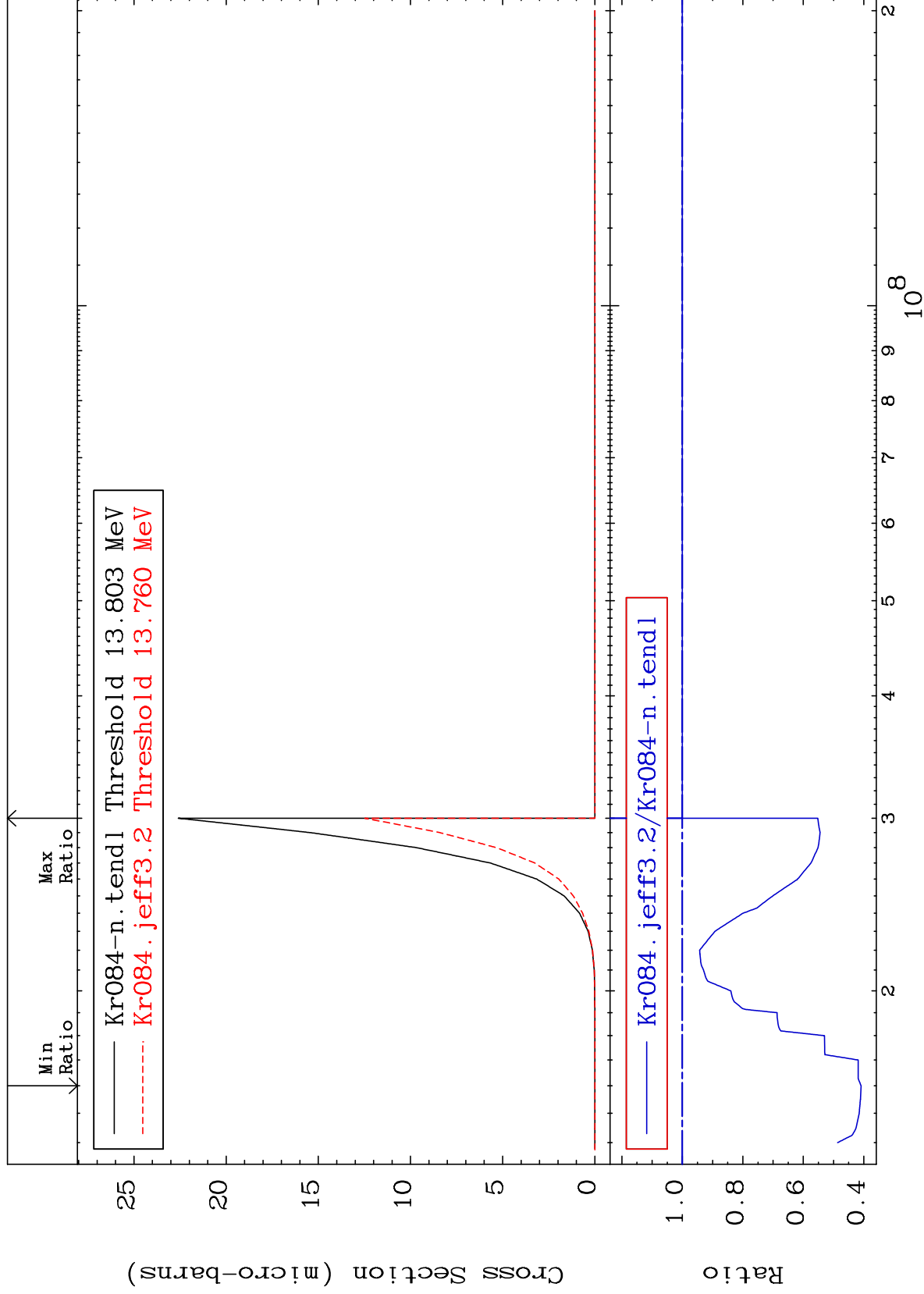
MAT 3643

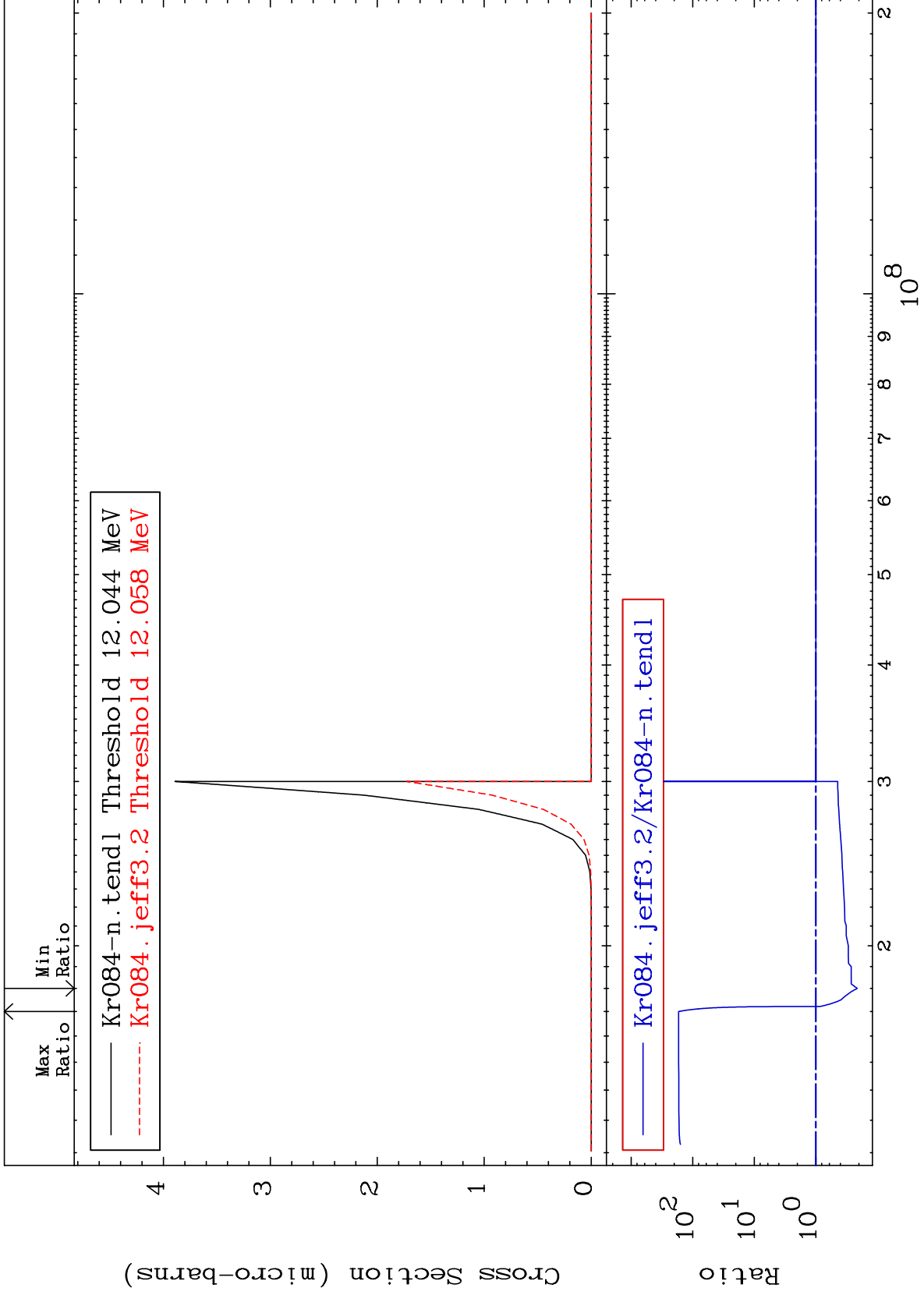
(n,2p)

<sup>36</sup>Kr-84

Cross Section

-59.10 To 0.000 %



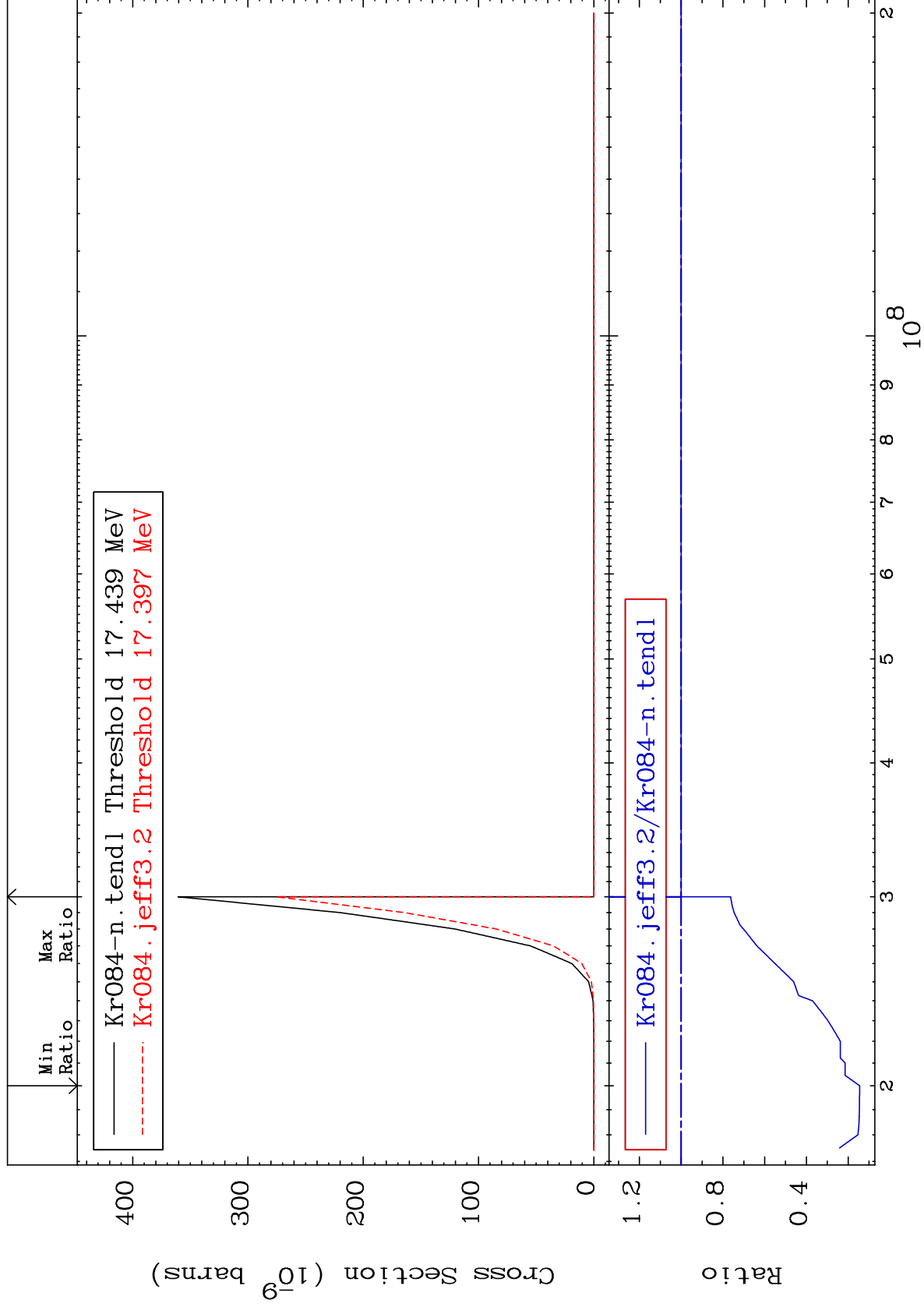




MAT 3643

(n,p) d  
Cross Section

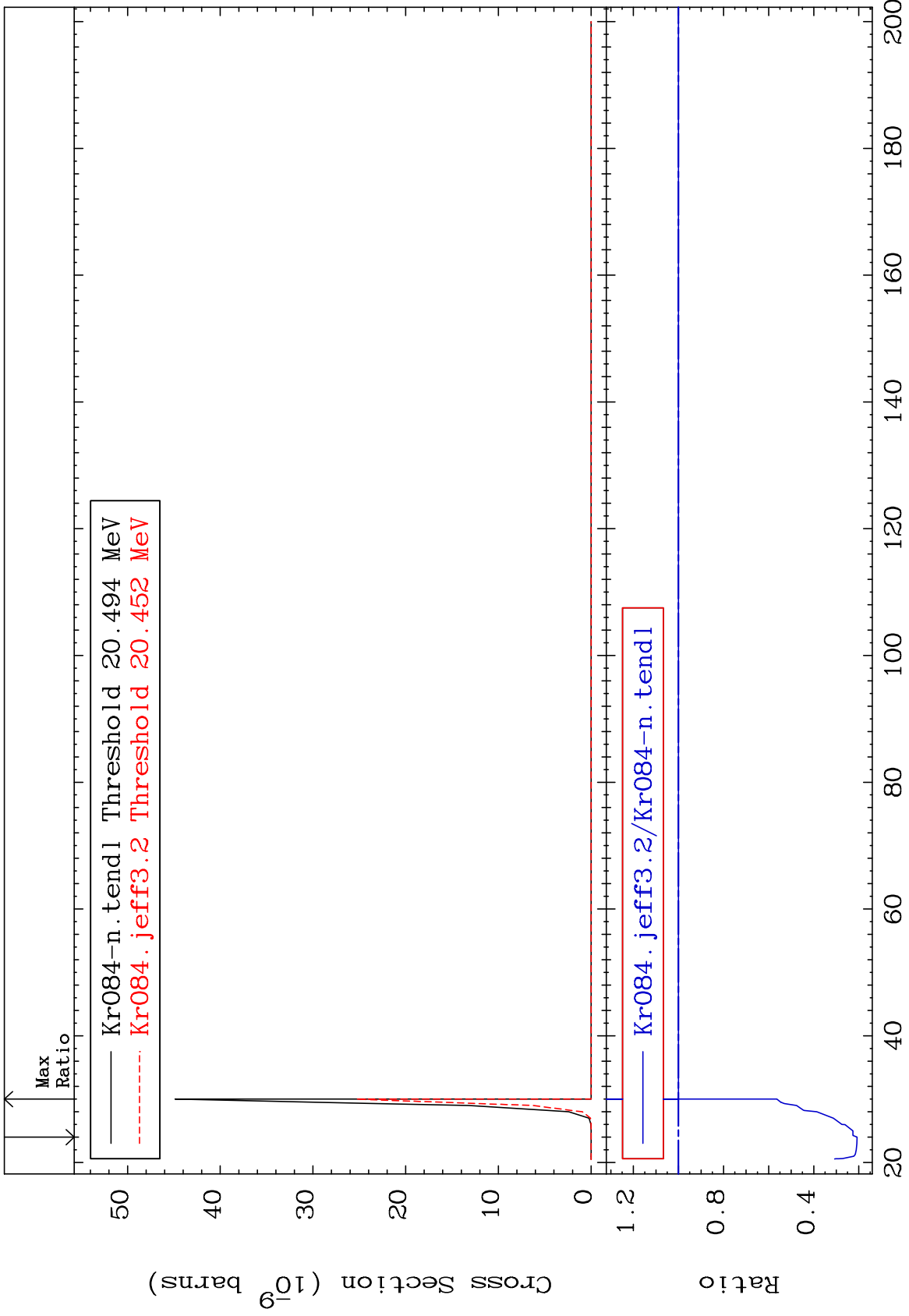
<sup>36</sup>Kr-84  
-85.50 To 0.000 %

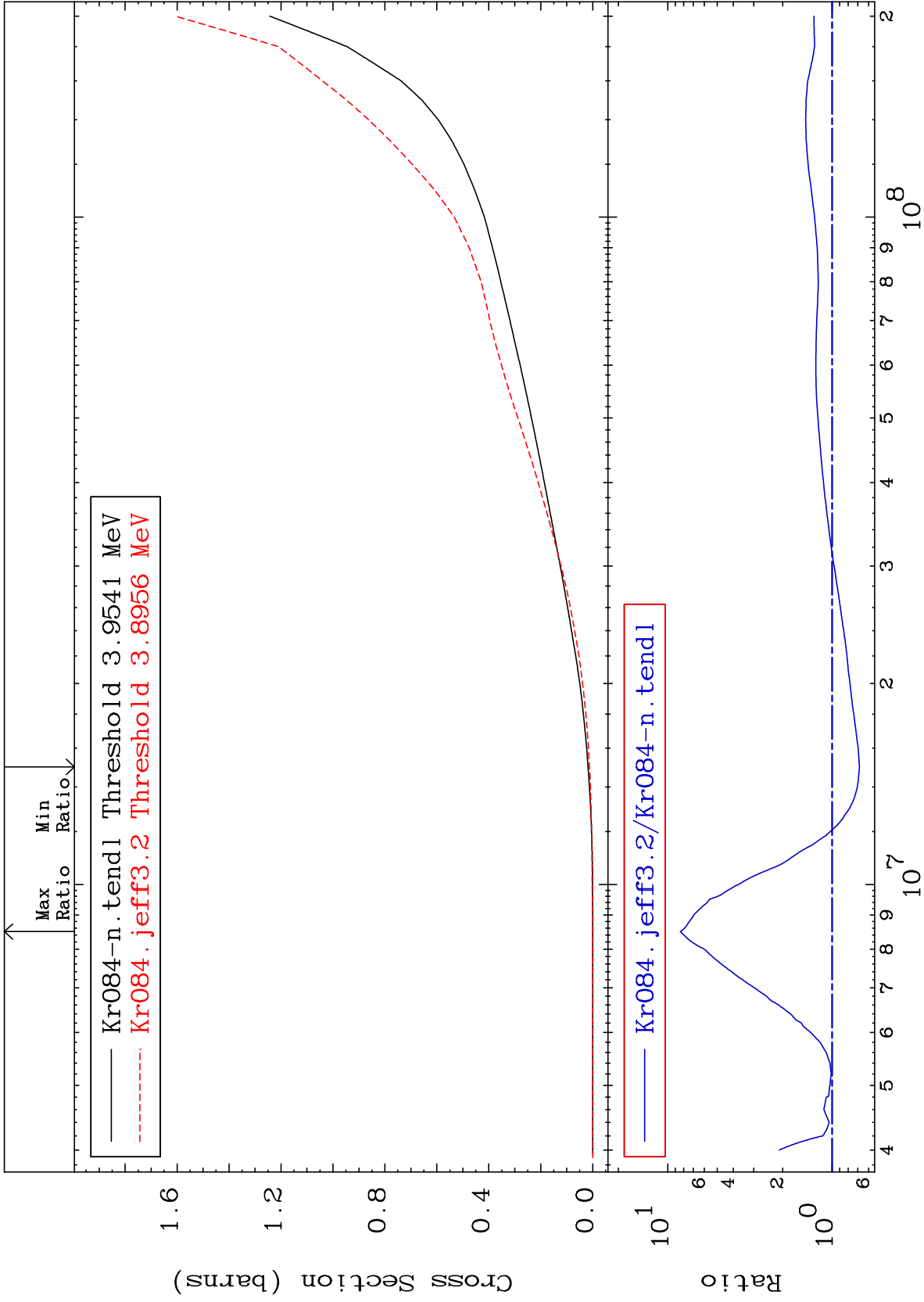


MAT 3643

(n,p) t  
Cross Section

<sup>36</sup>Kr-84  
-79.22 To 0.000 %

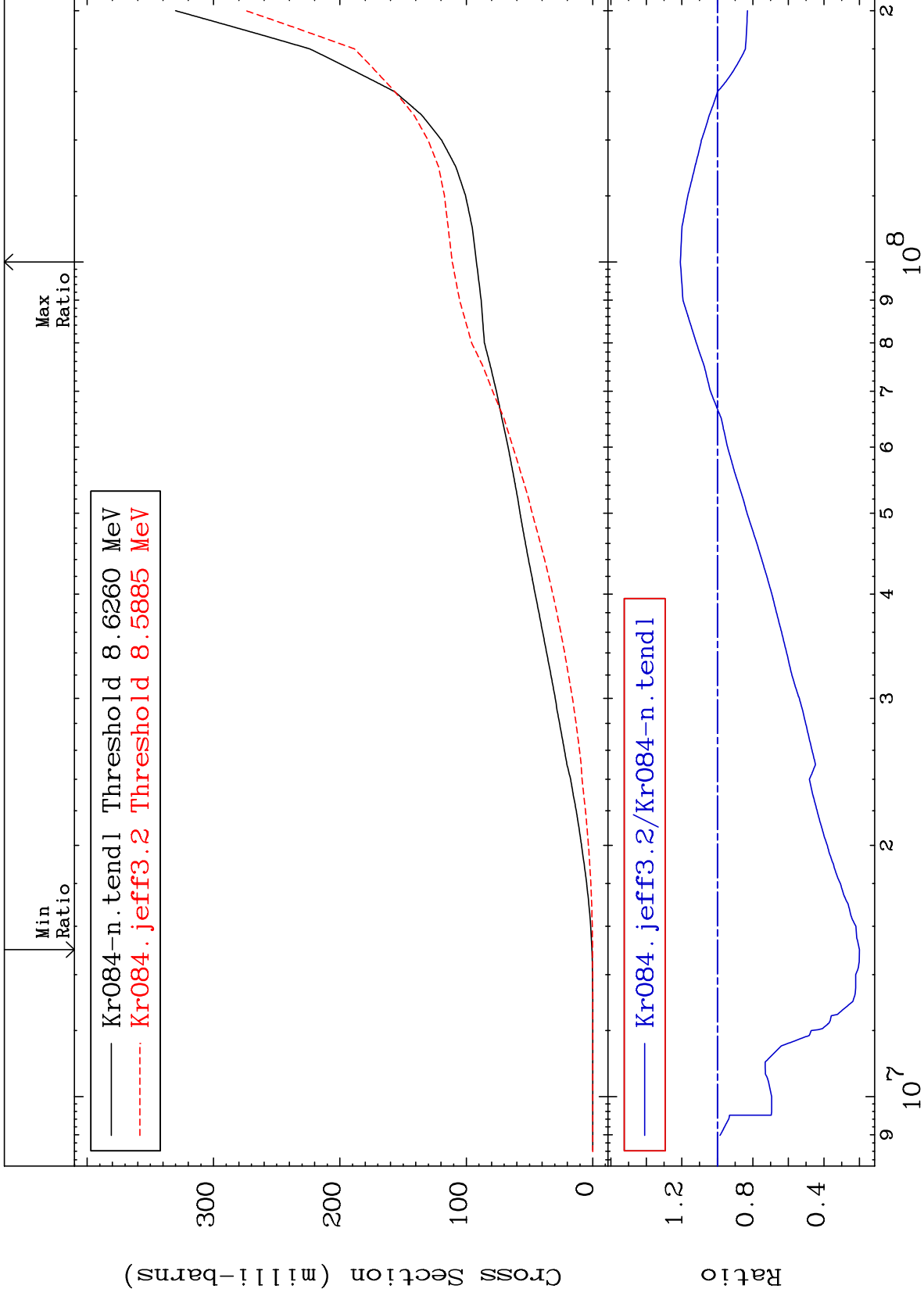




MAT 3643

Deuterium Production  
Cross Section

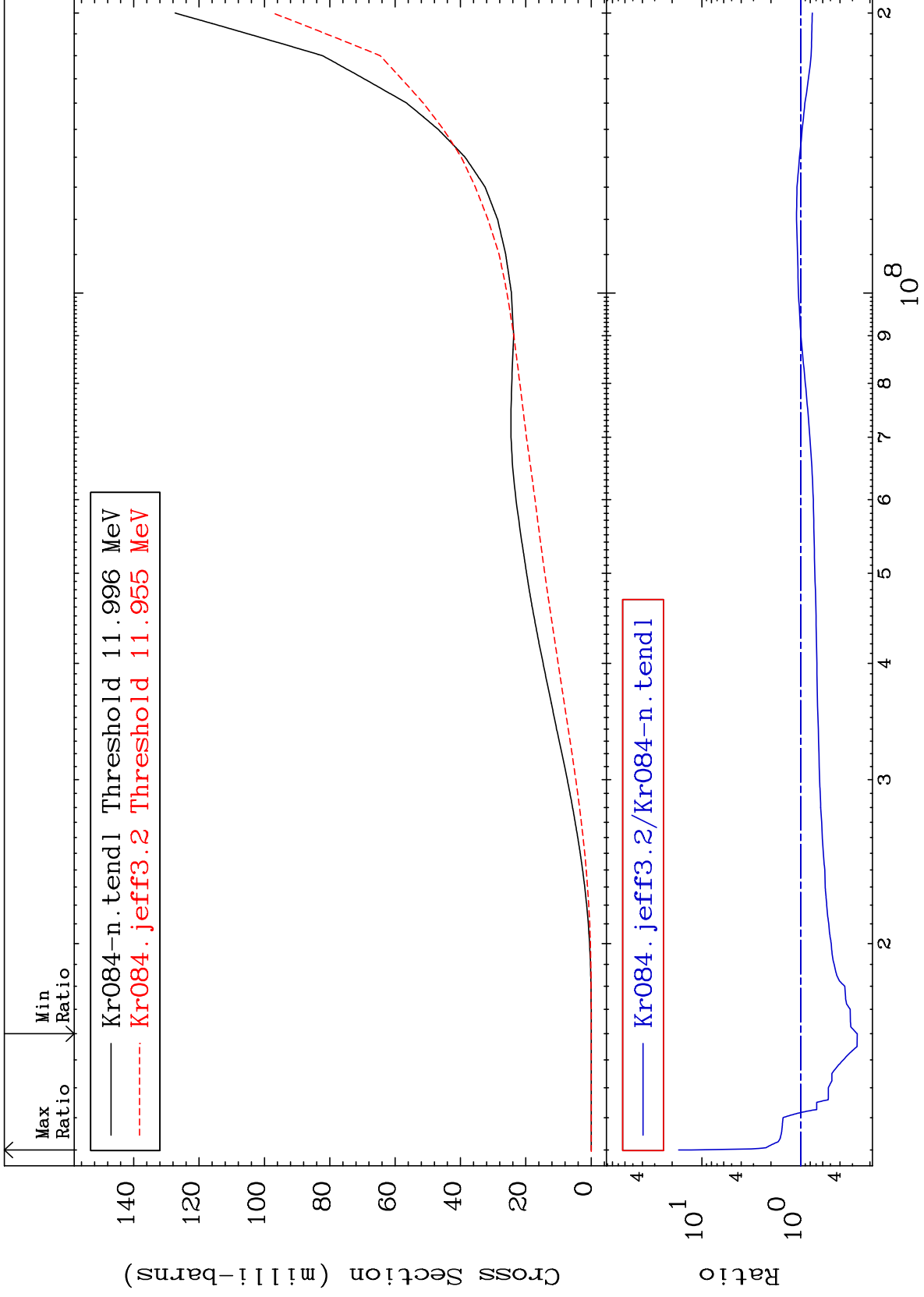
$^{36}\text{Kr-84}$   
-80.01 To 20.83 %



60

Incident Energy (eV)

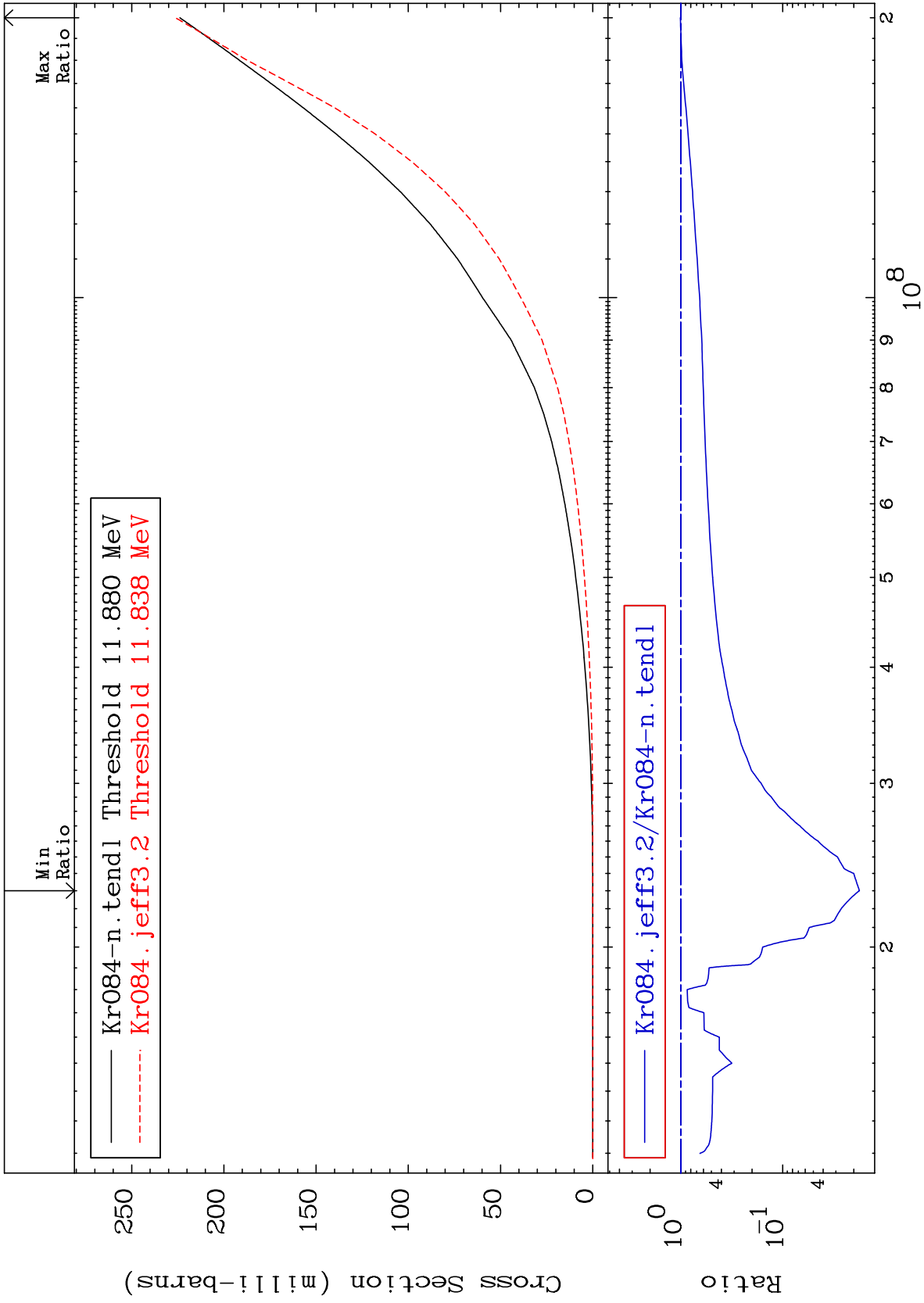
$^{36}\text{Kr-84}$



MAT 3643

He-3 Production  
Cross Section

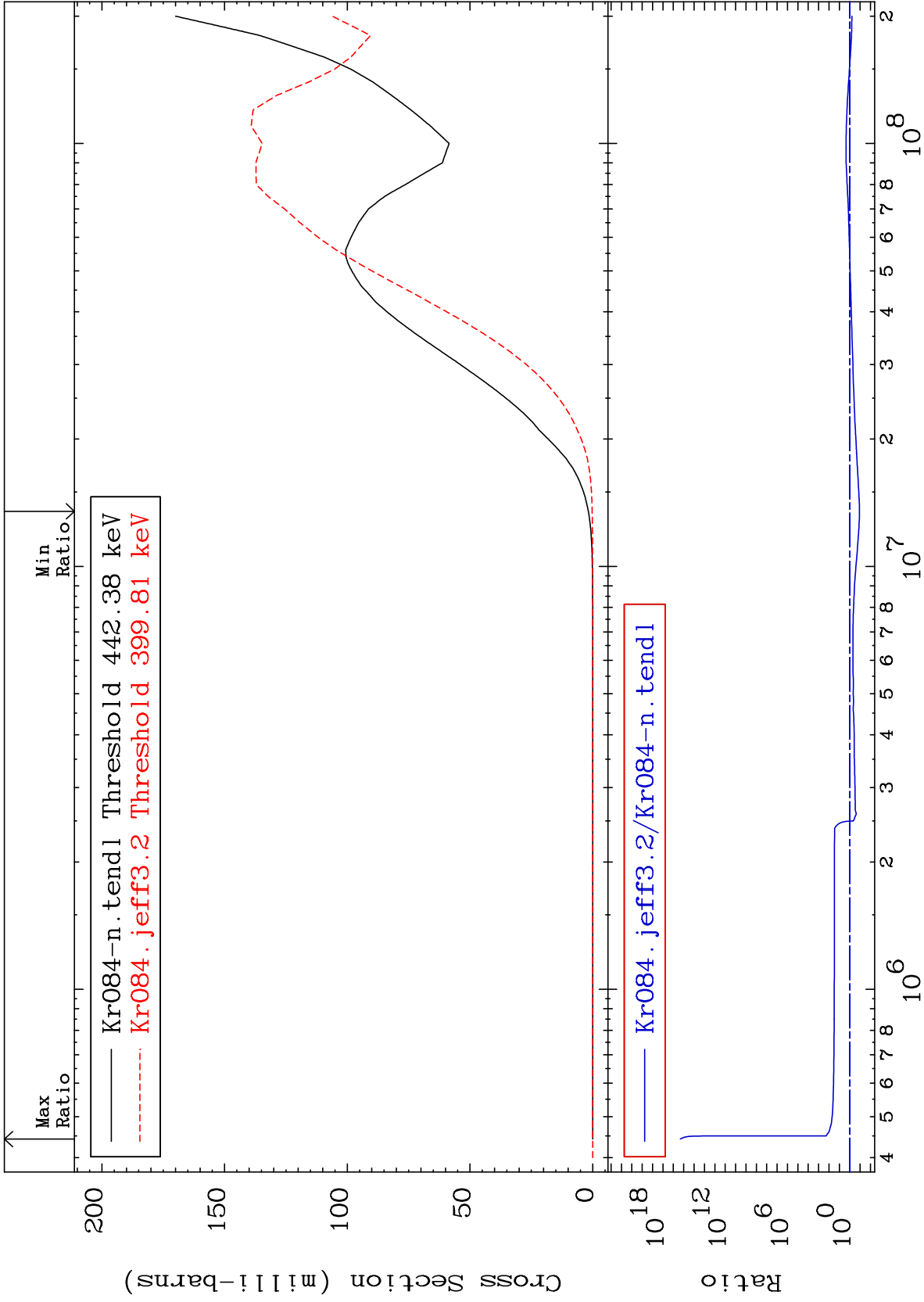
36-Kr-84  
-98.24 To 1.053 %

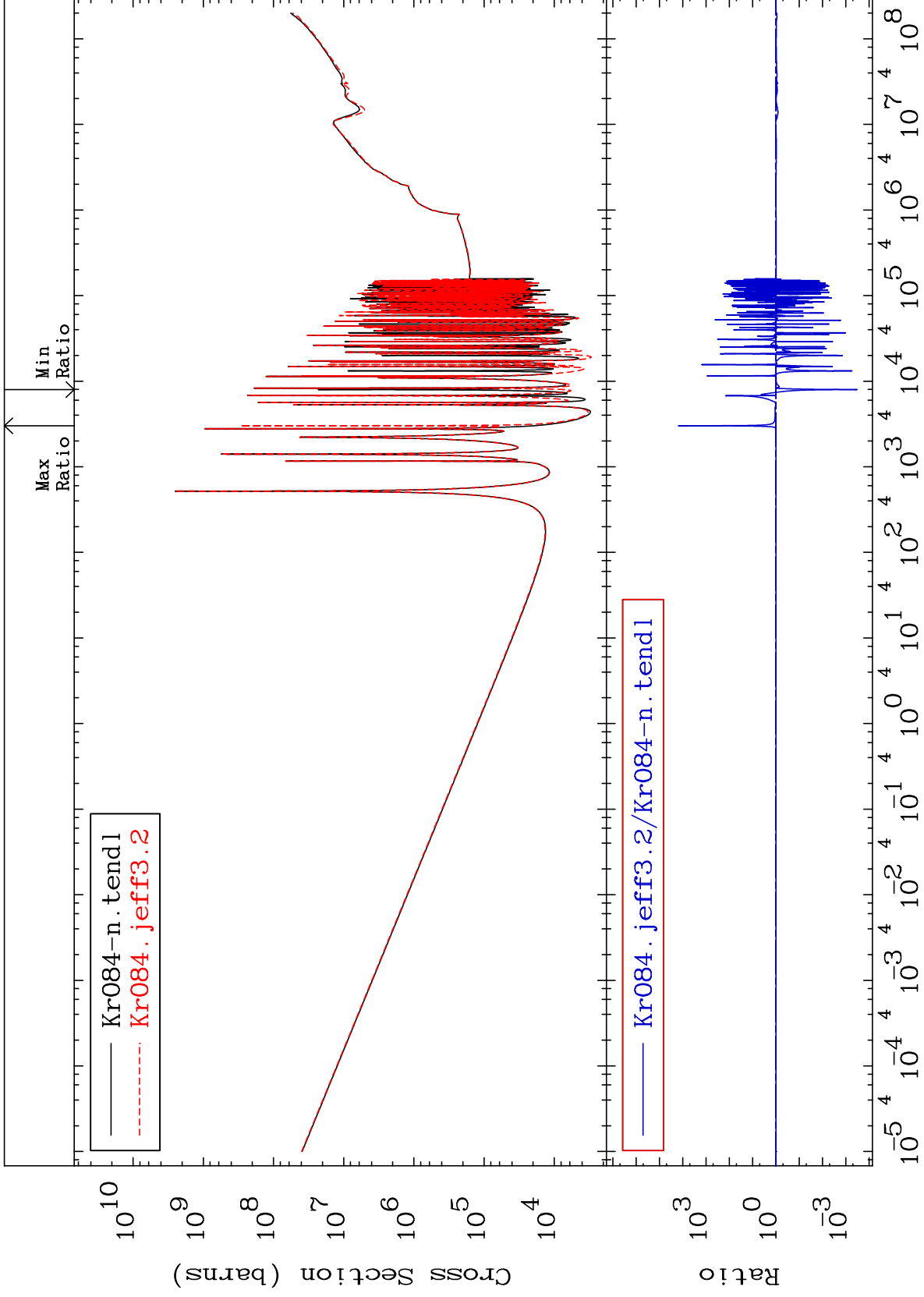


MAT 3643

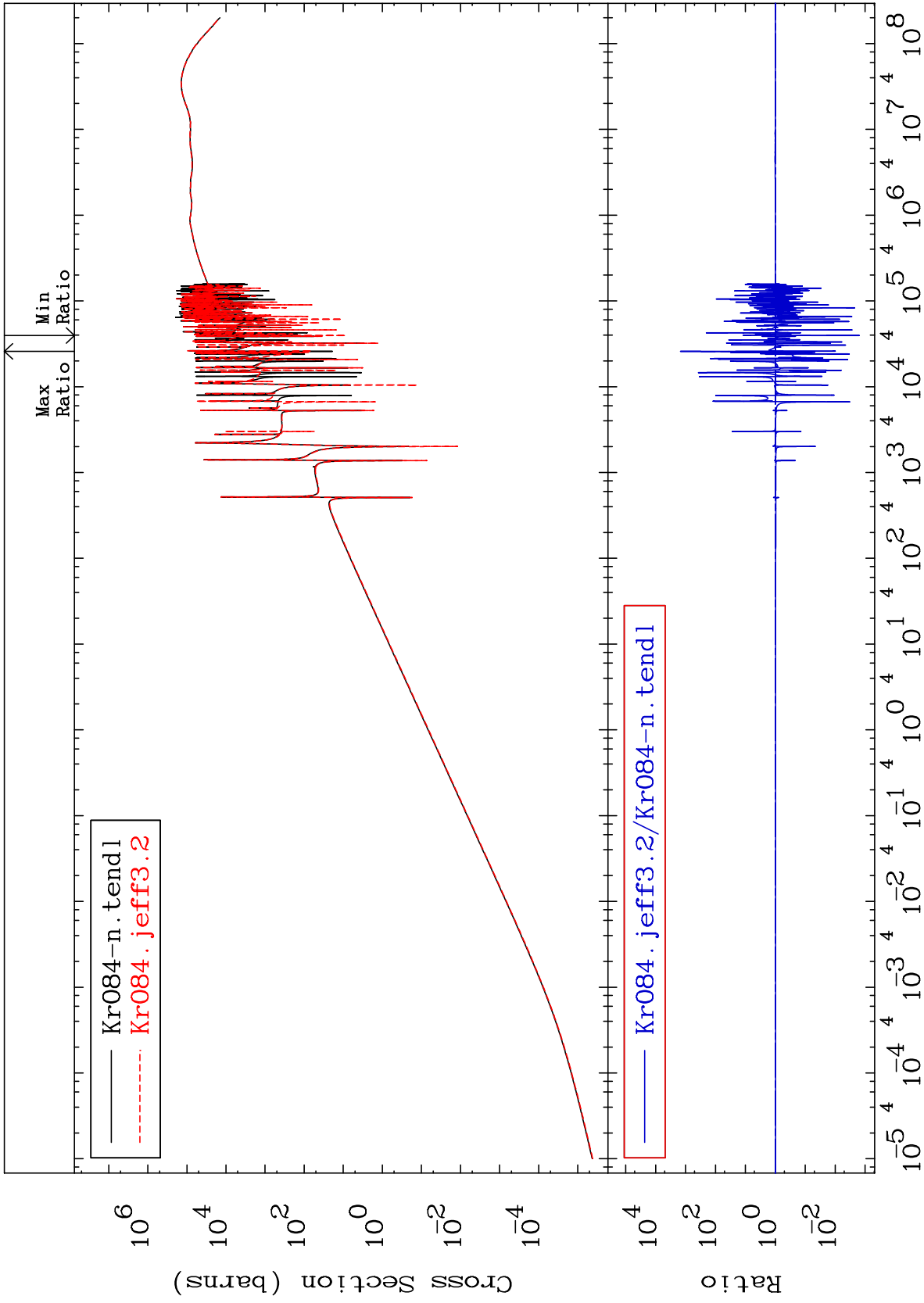
He-4 Production  
Cross Section

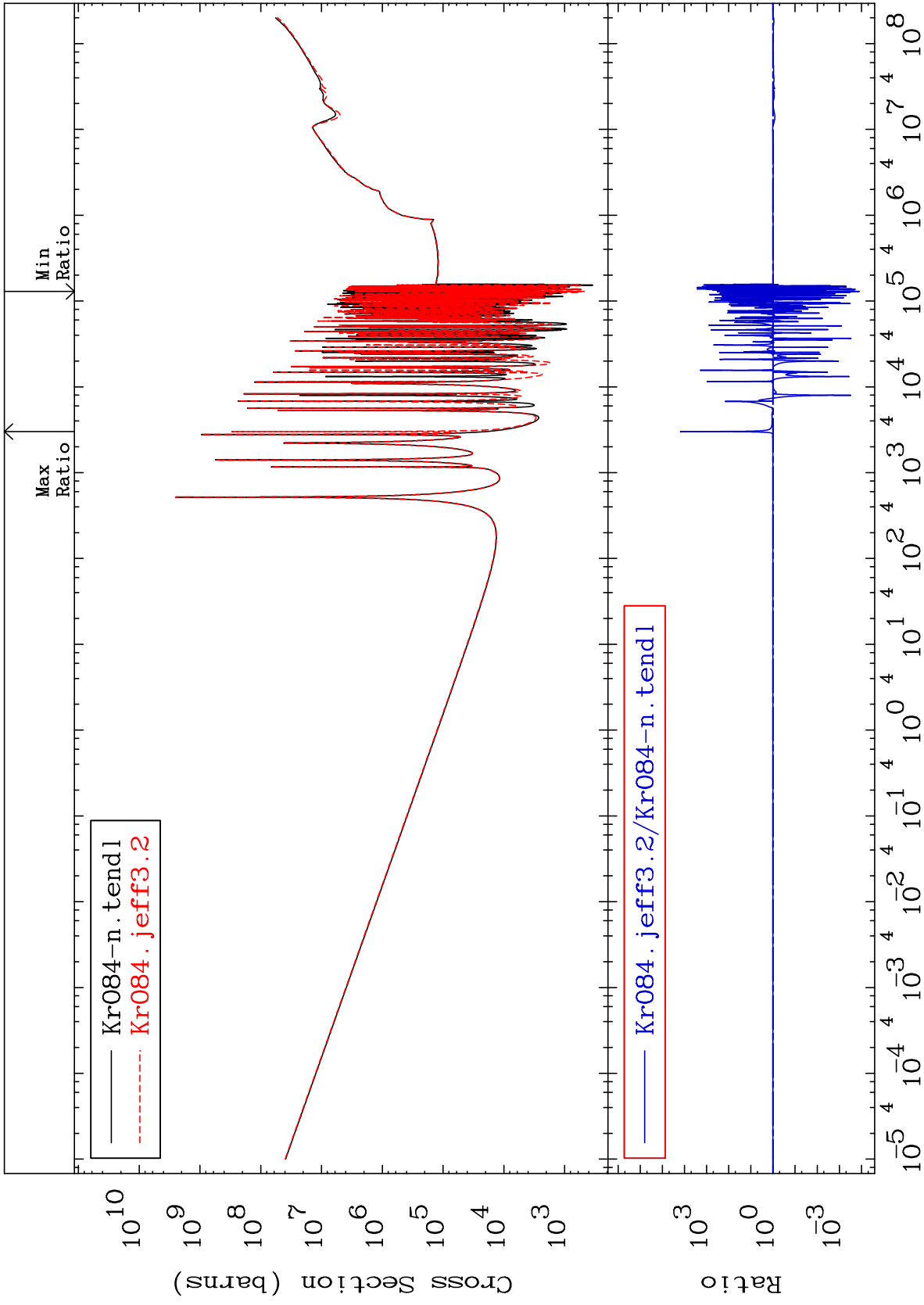
36-Kr-84  
-88.34 To 9999. %

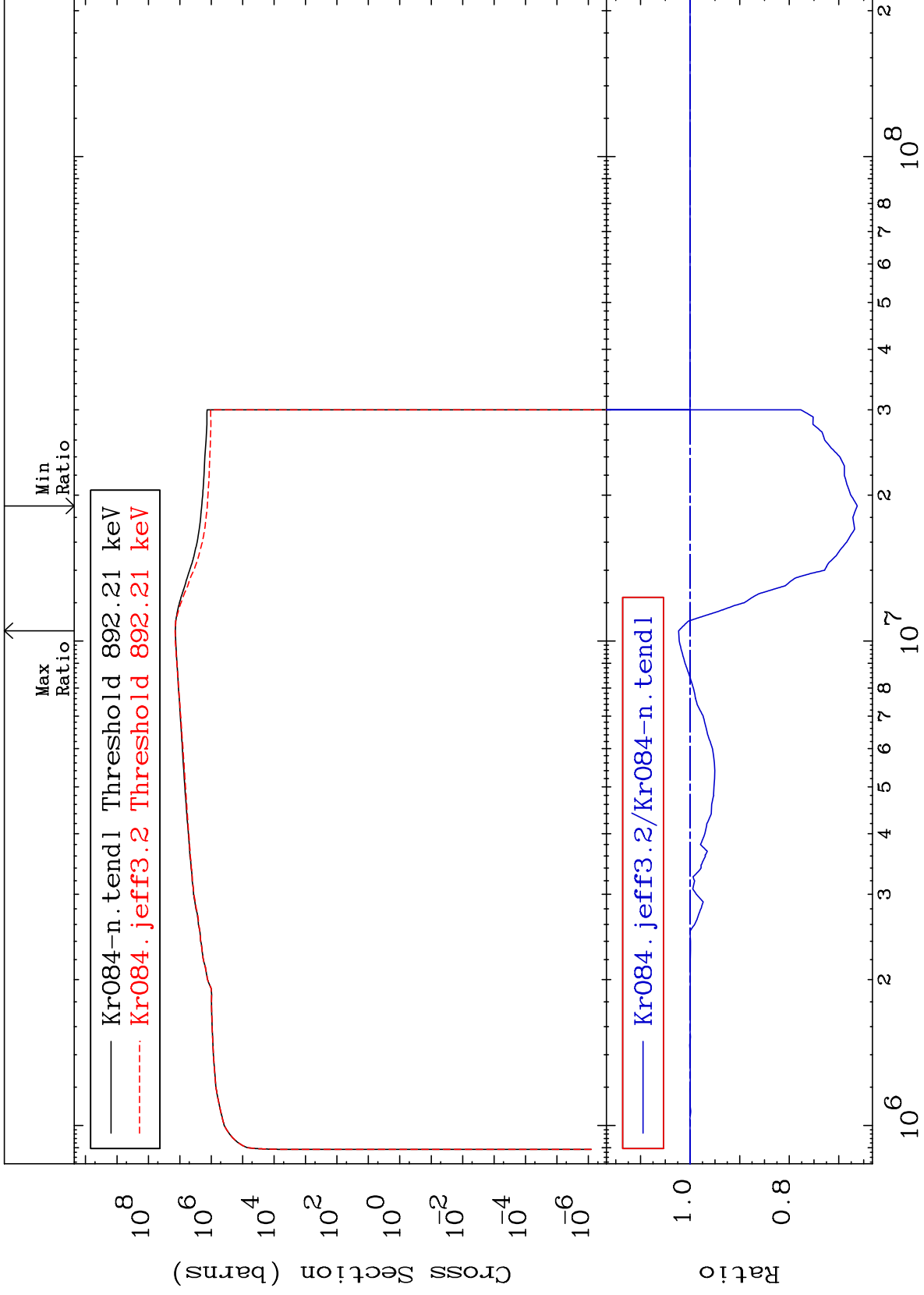


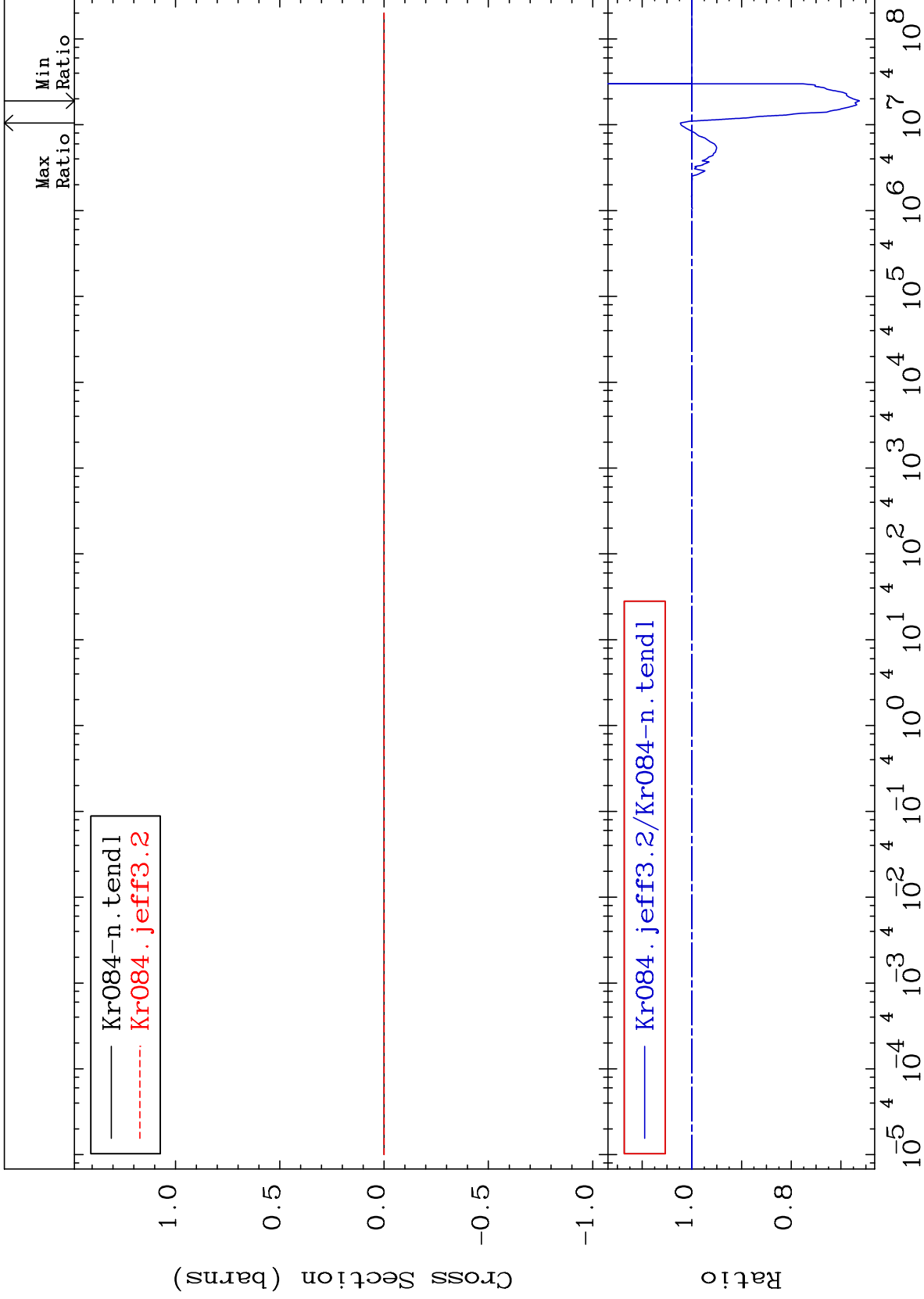


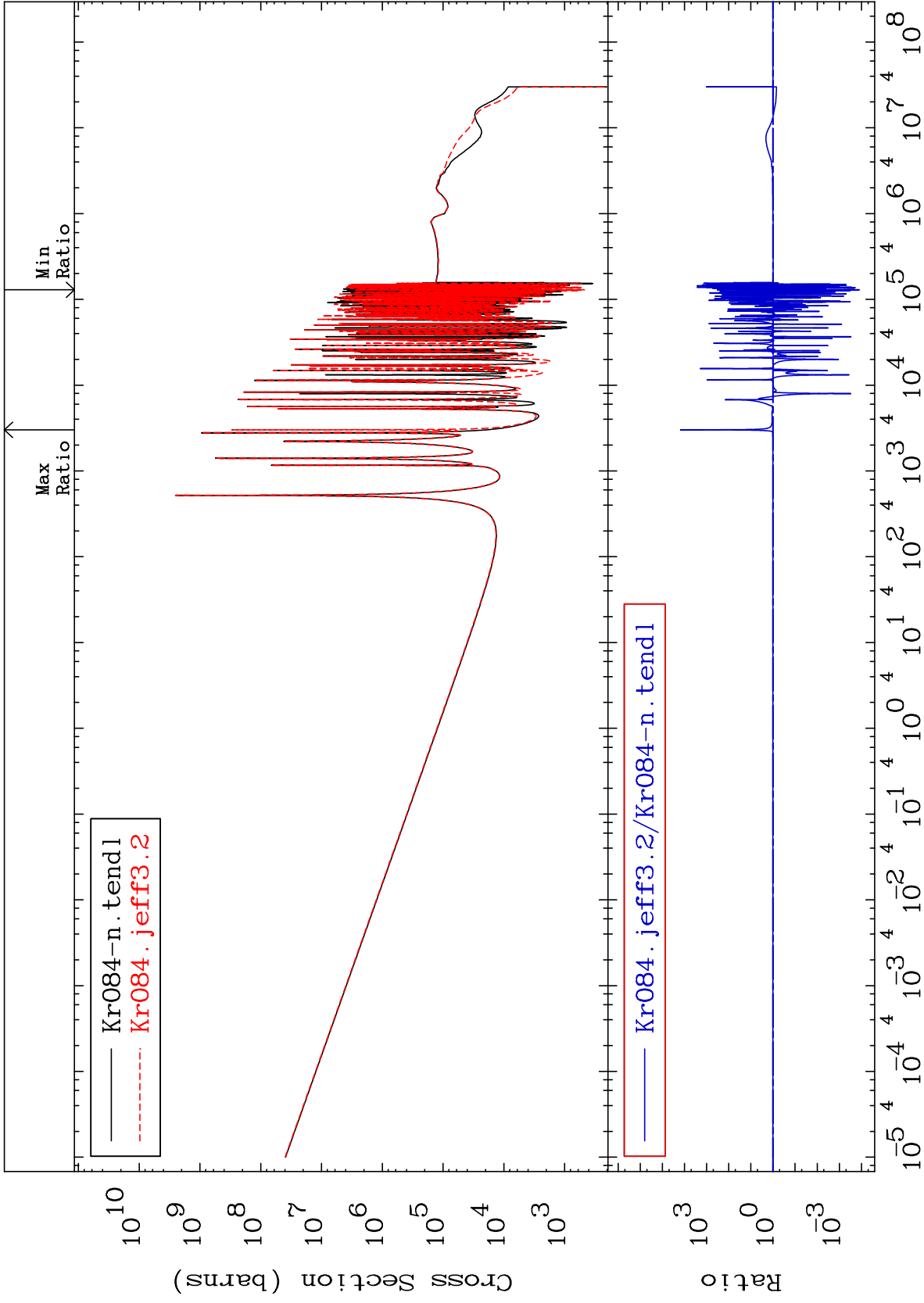


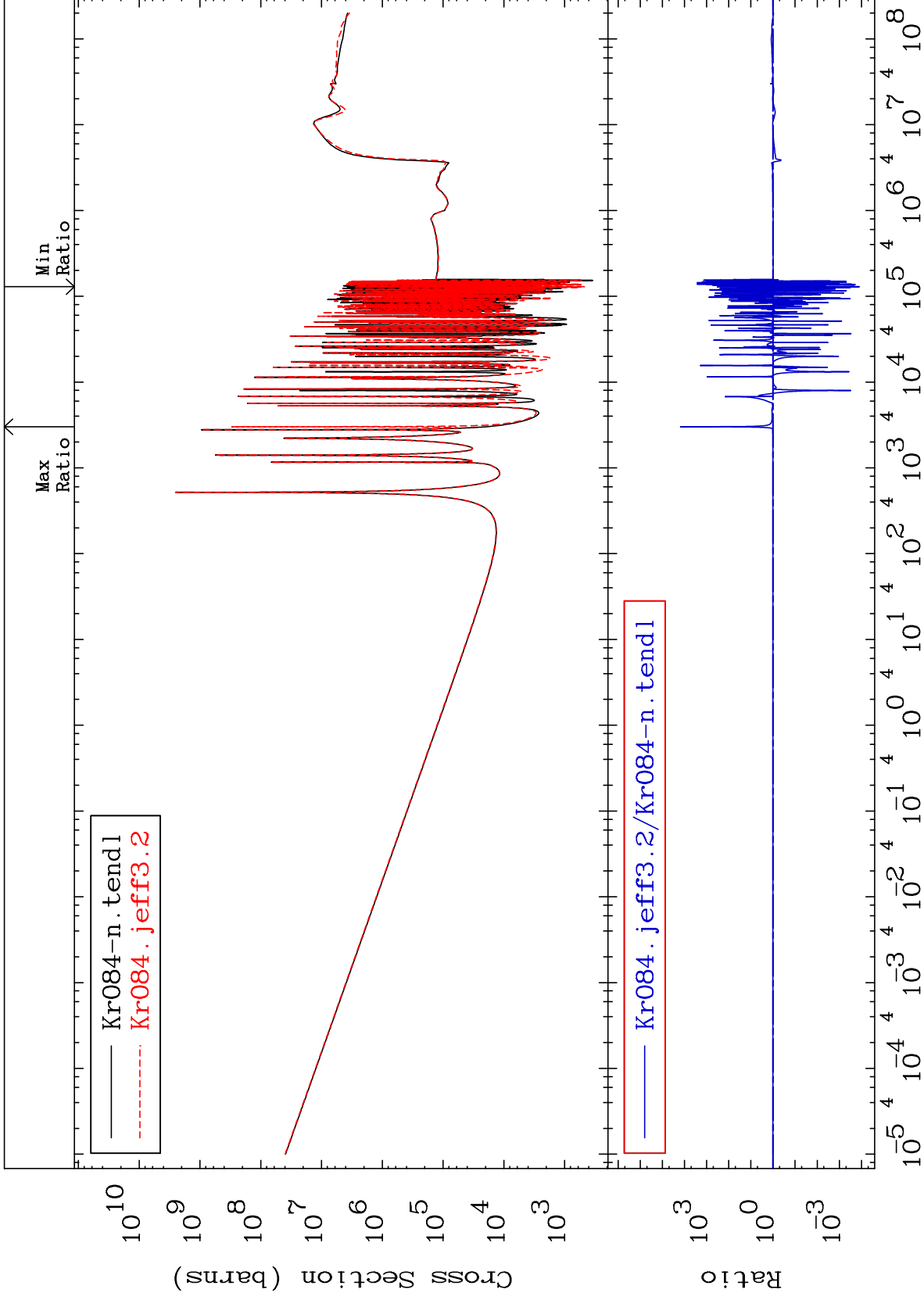


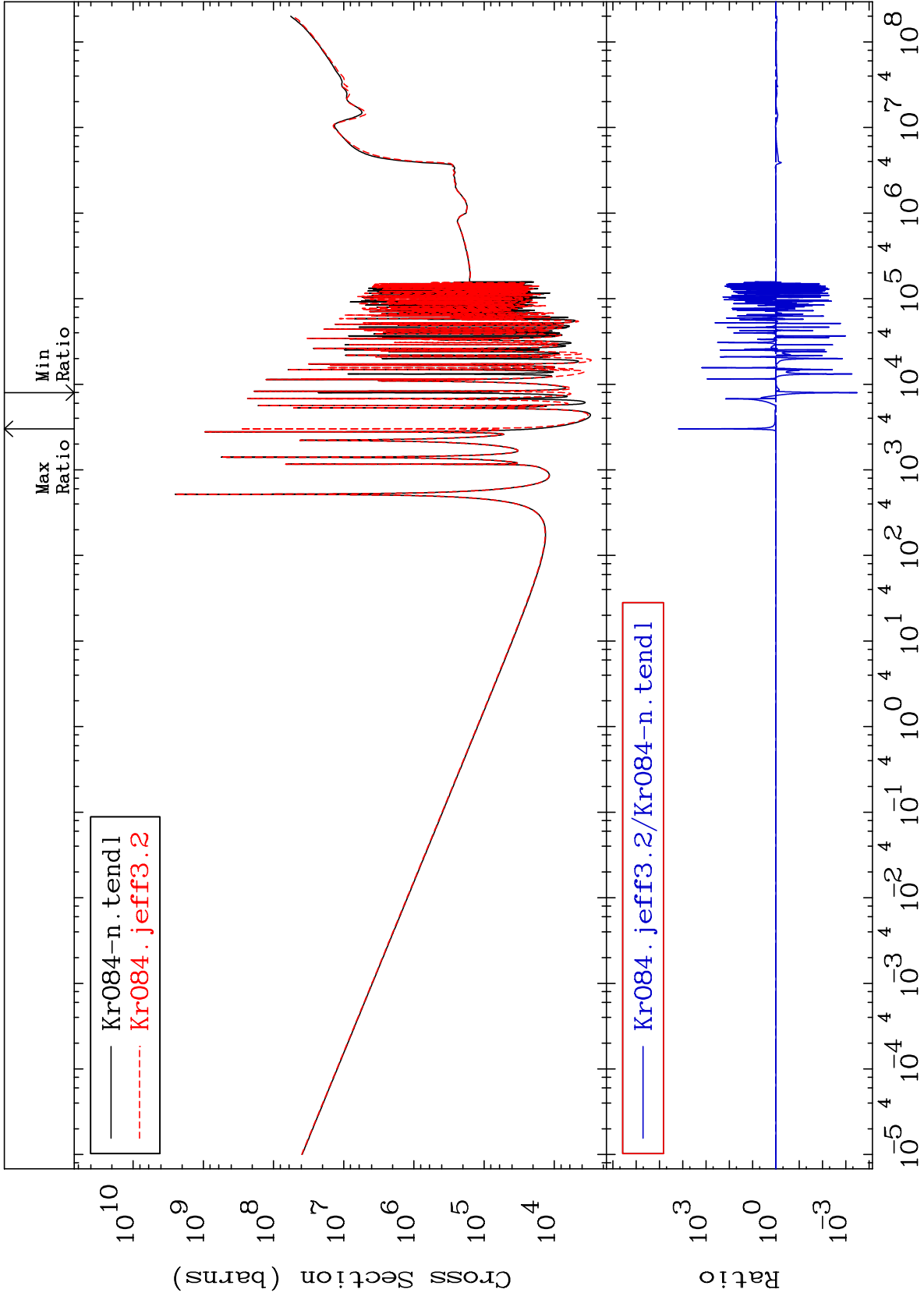


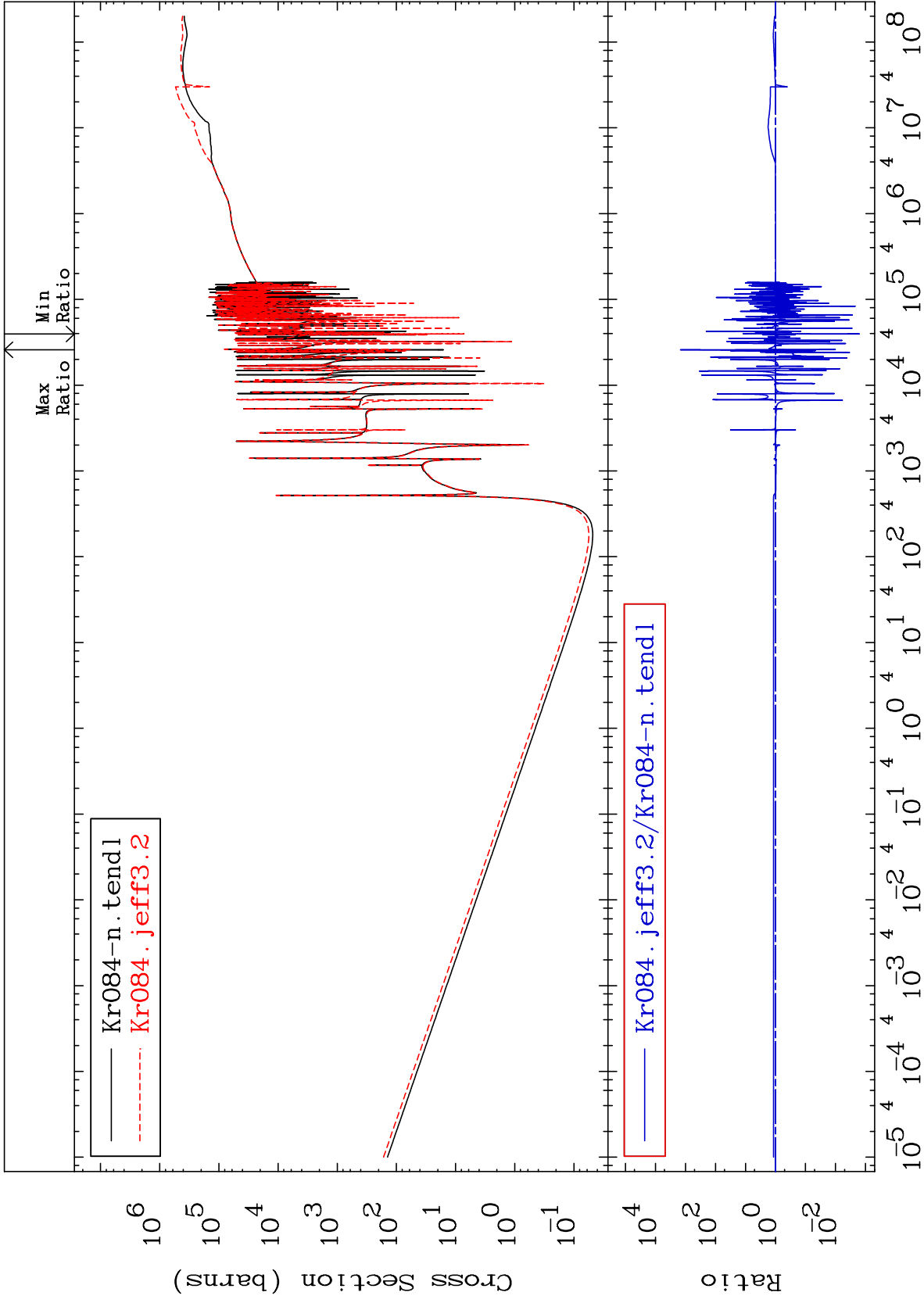




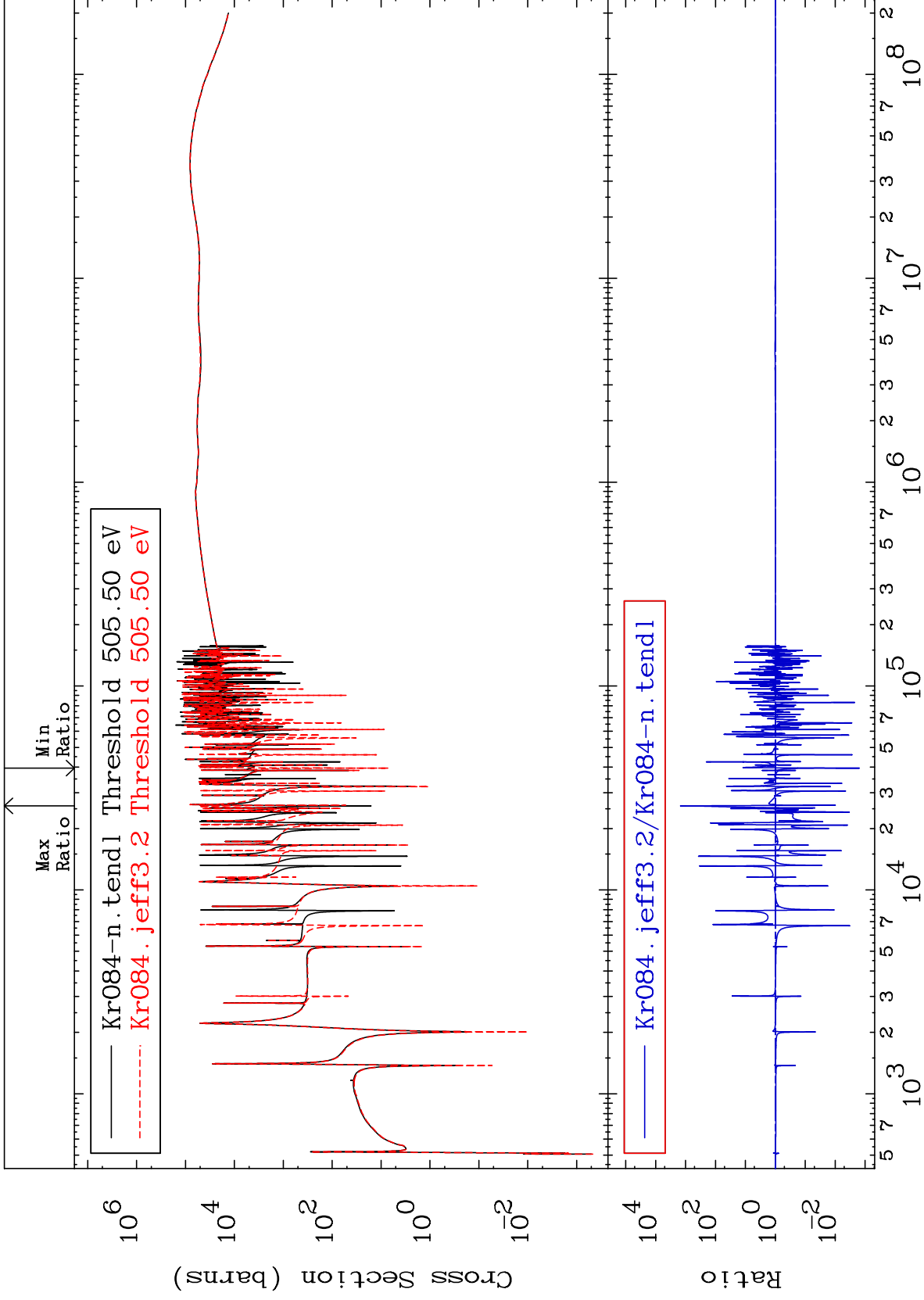


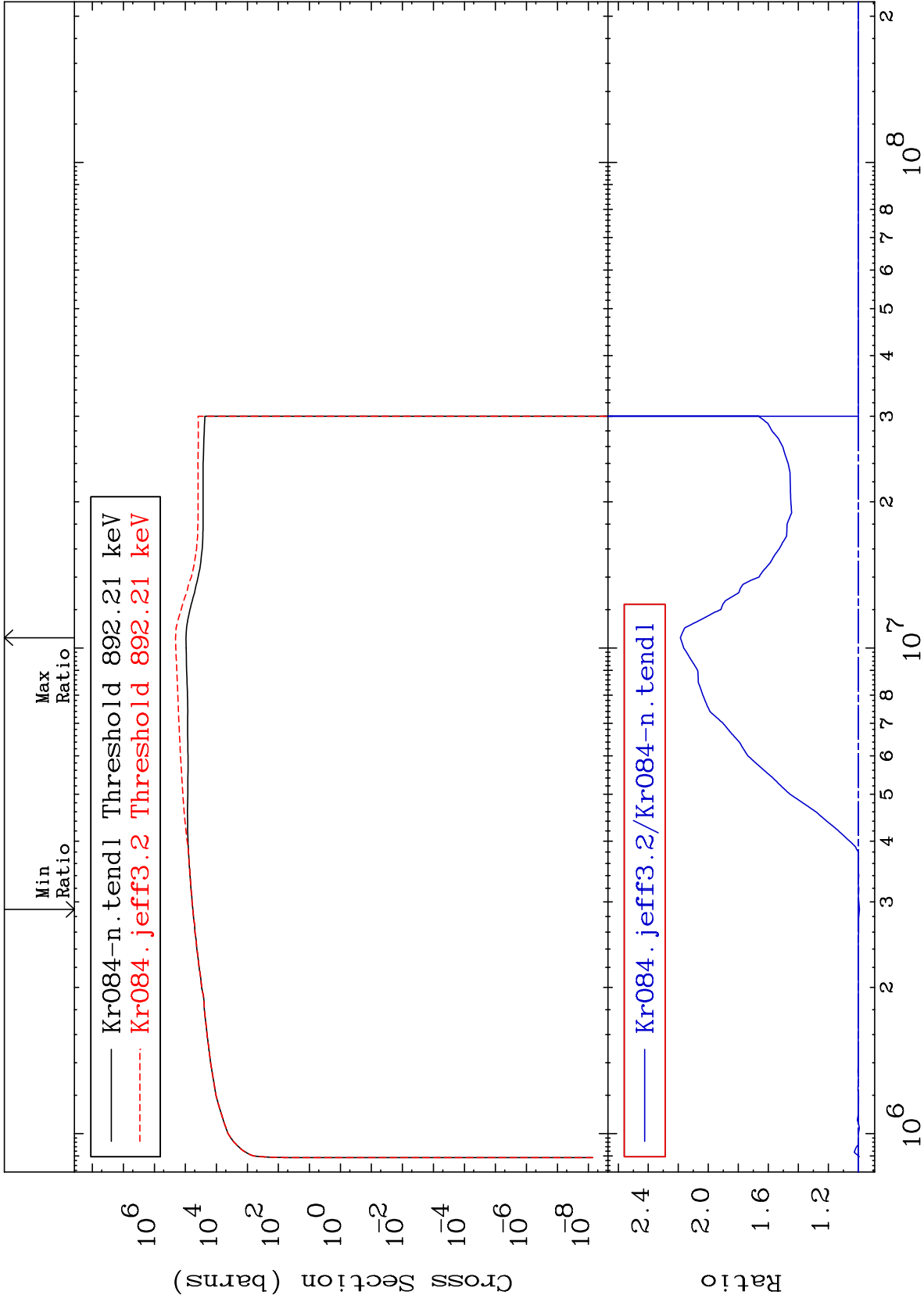


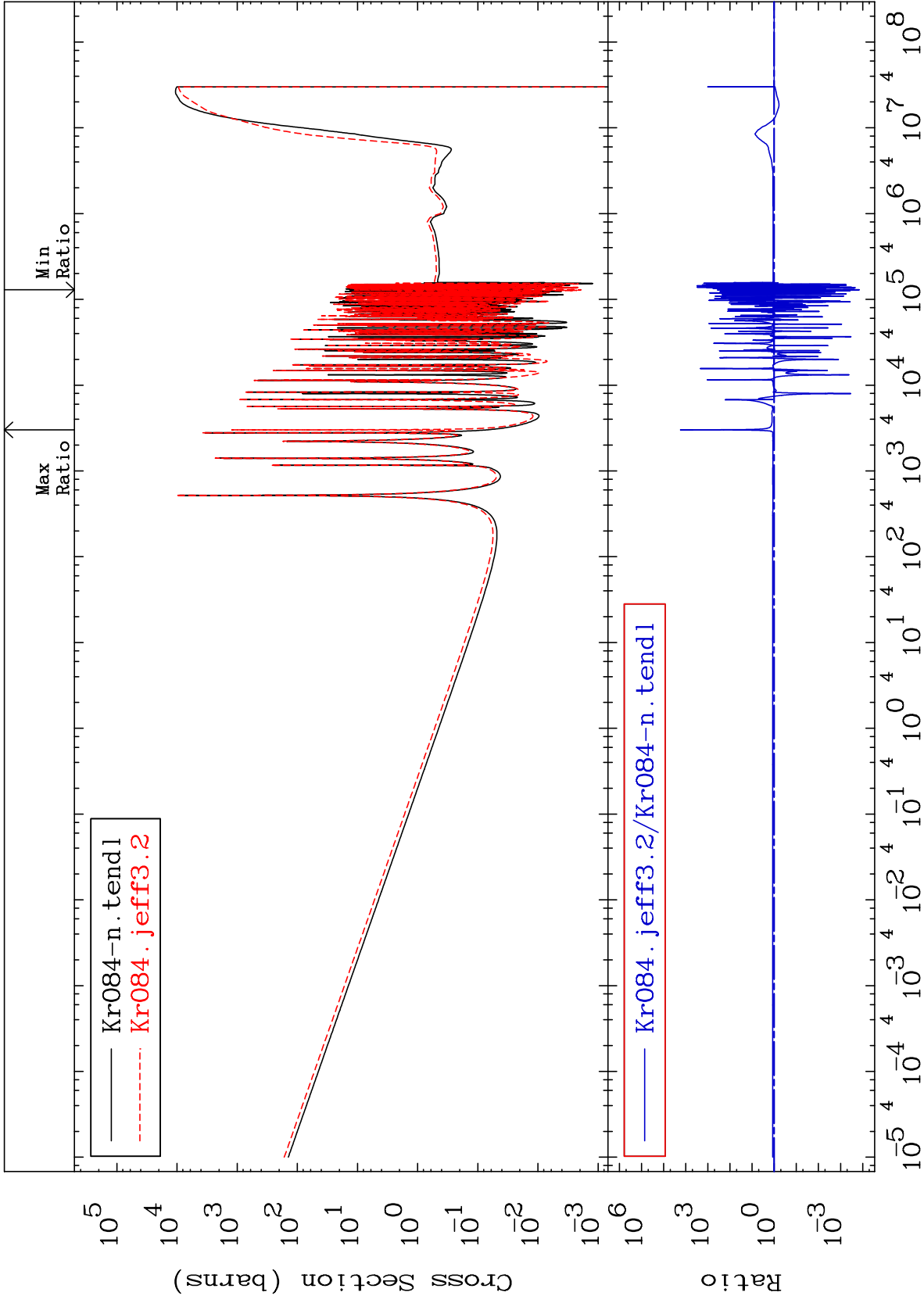


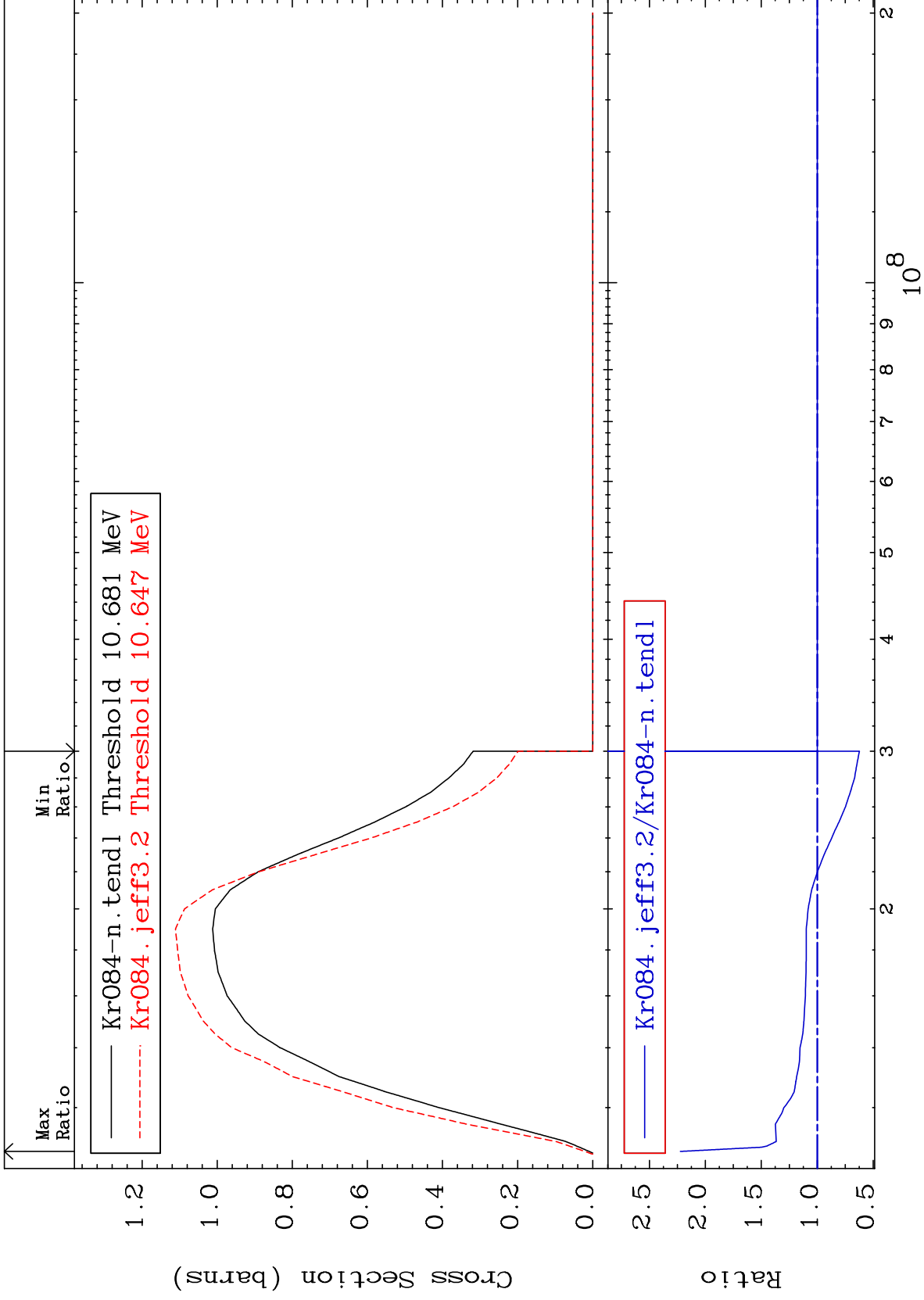




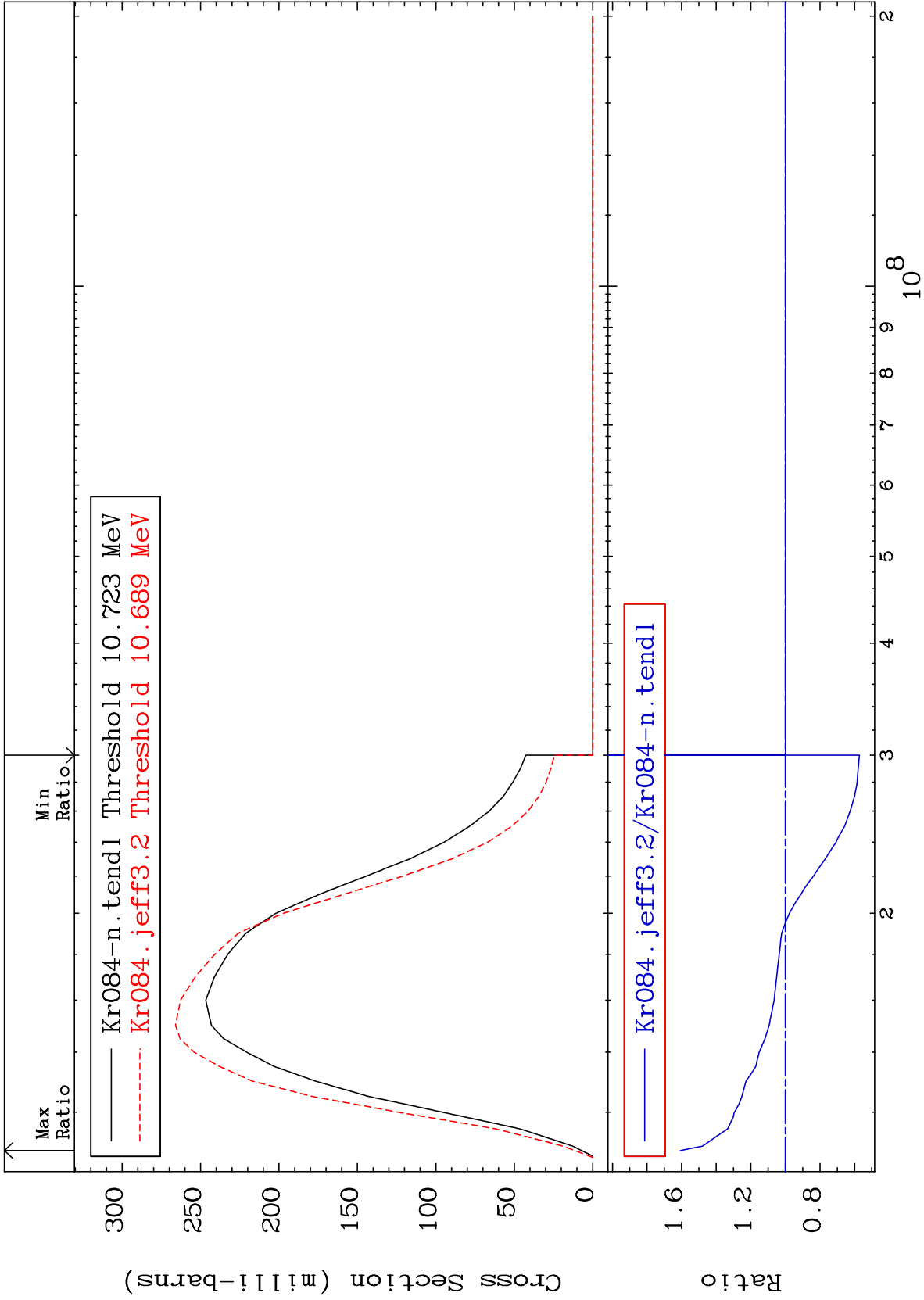


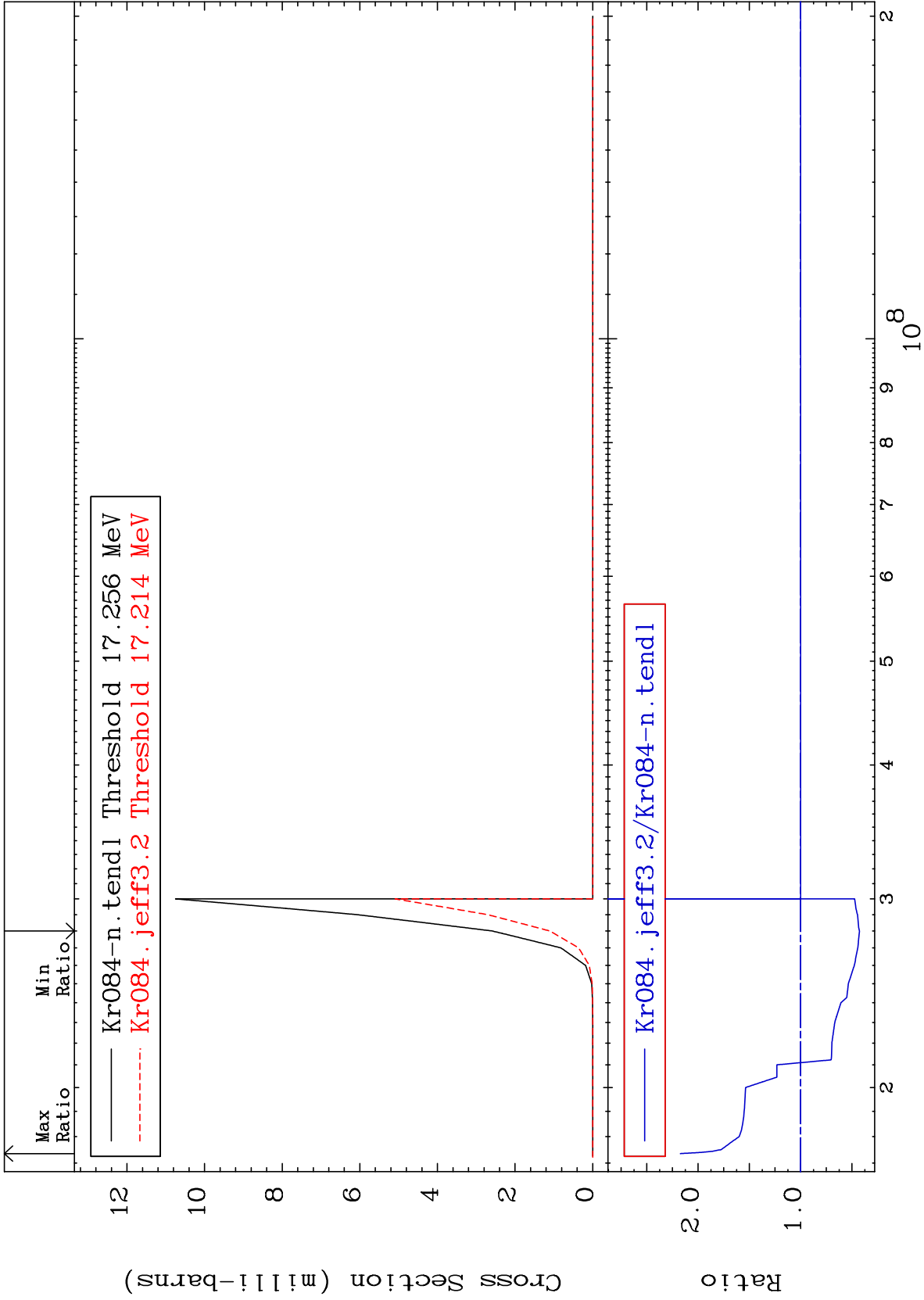




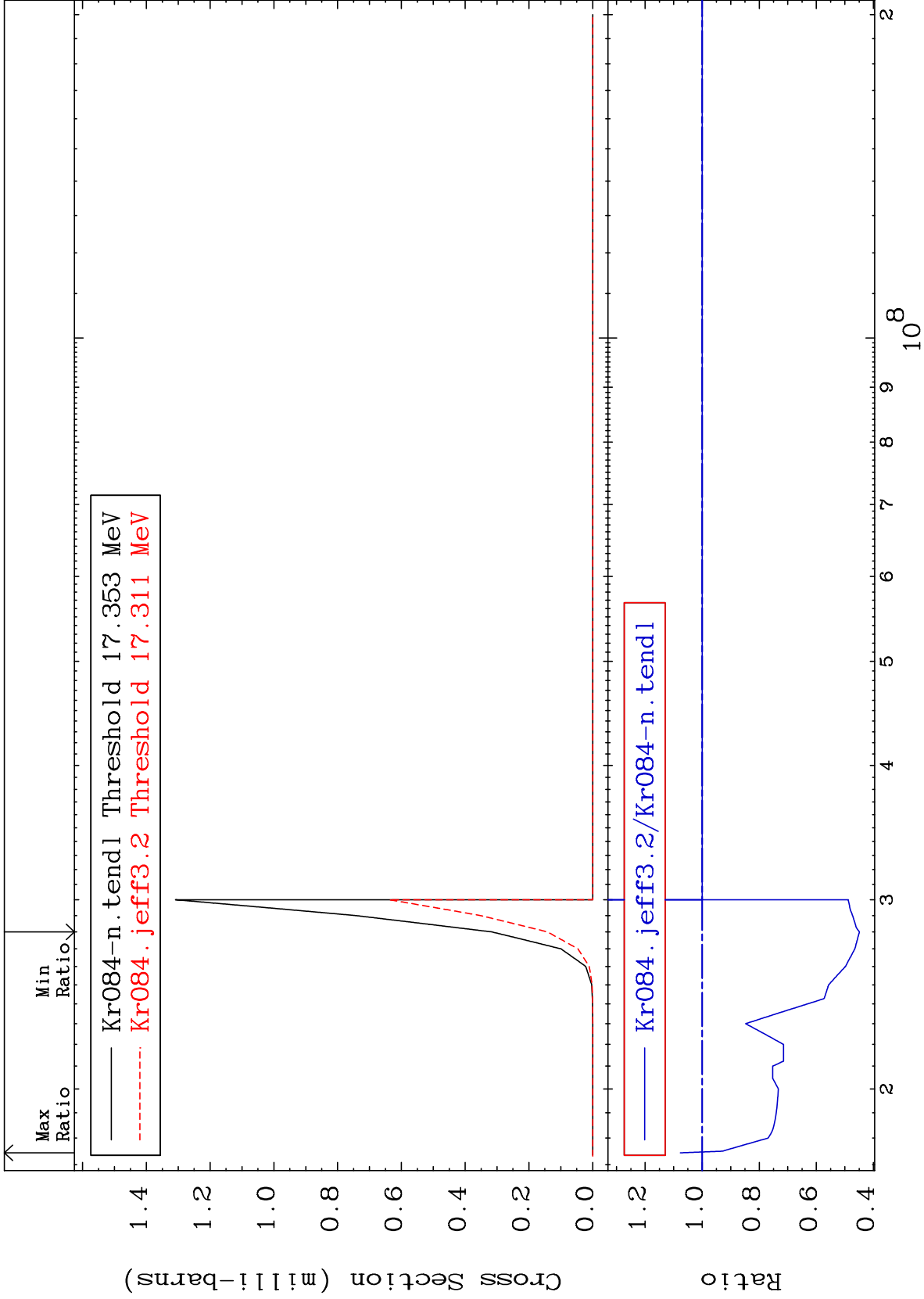


Radionuclide Production Cross Section -42.83 To 60.73 %

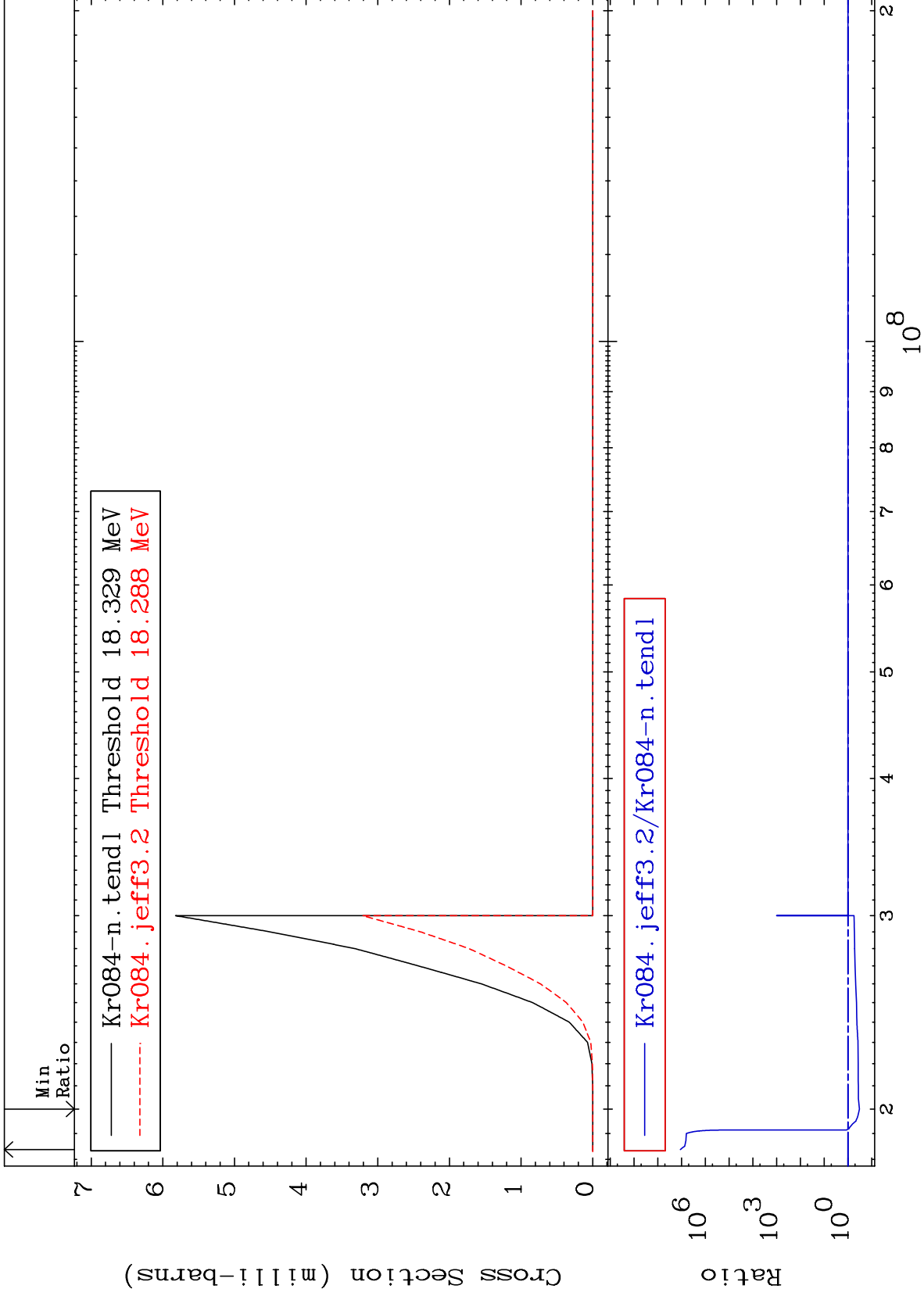




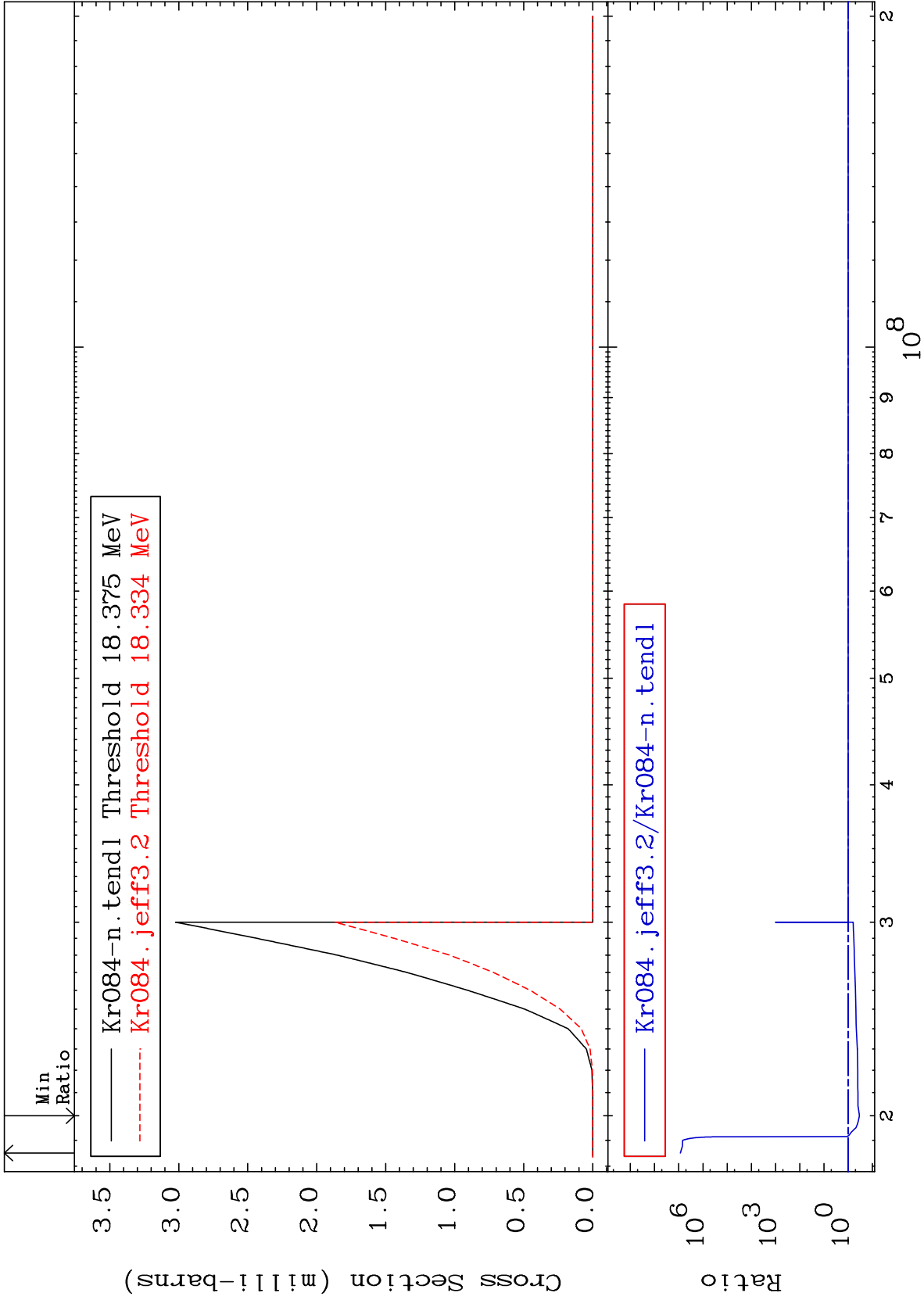
Radionuclide Production Cross Section -55.10 To 7.648 %



Radionuclide Production Cross Section -67.28 To 9999. %





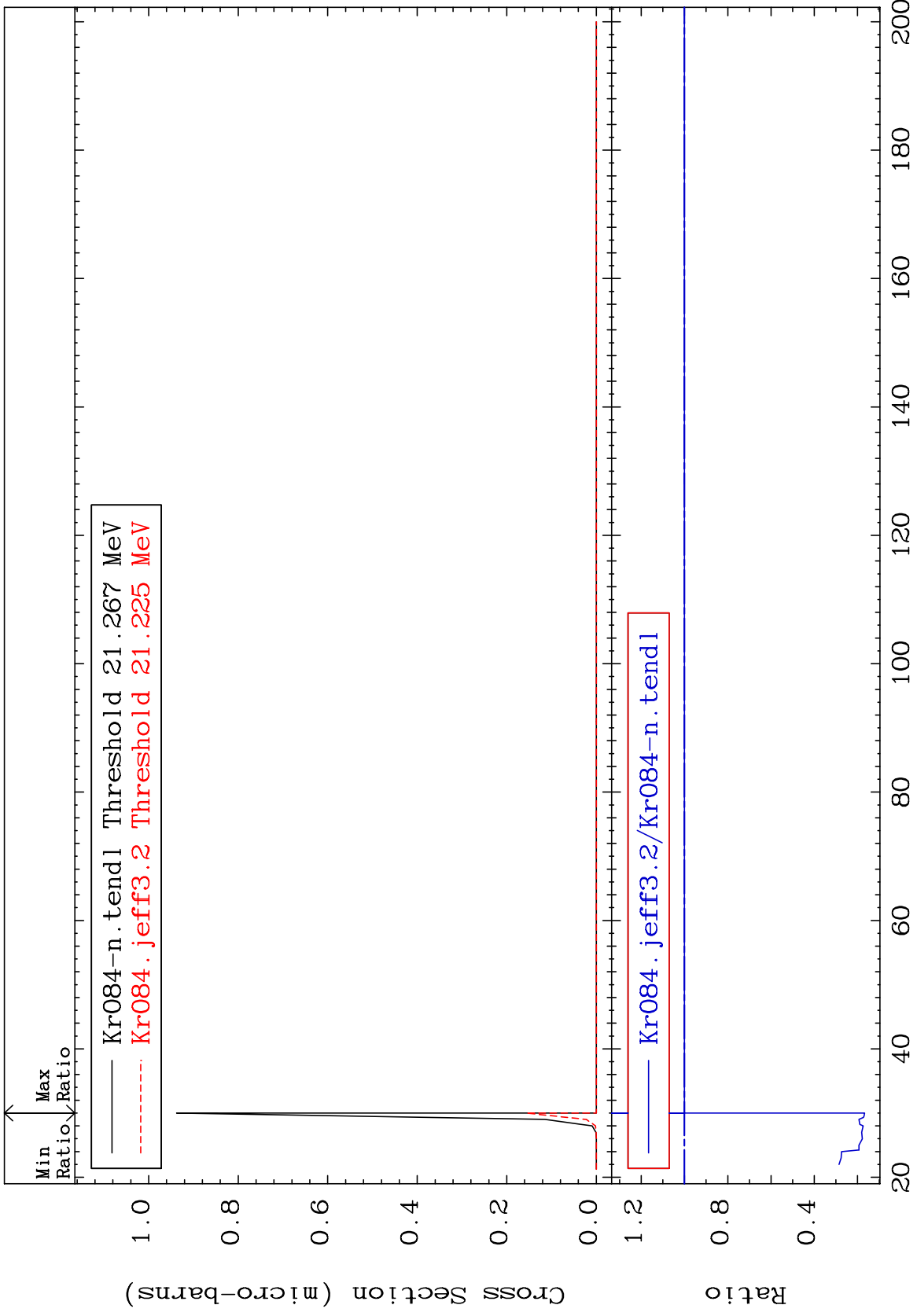


MAT 3643

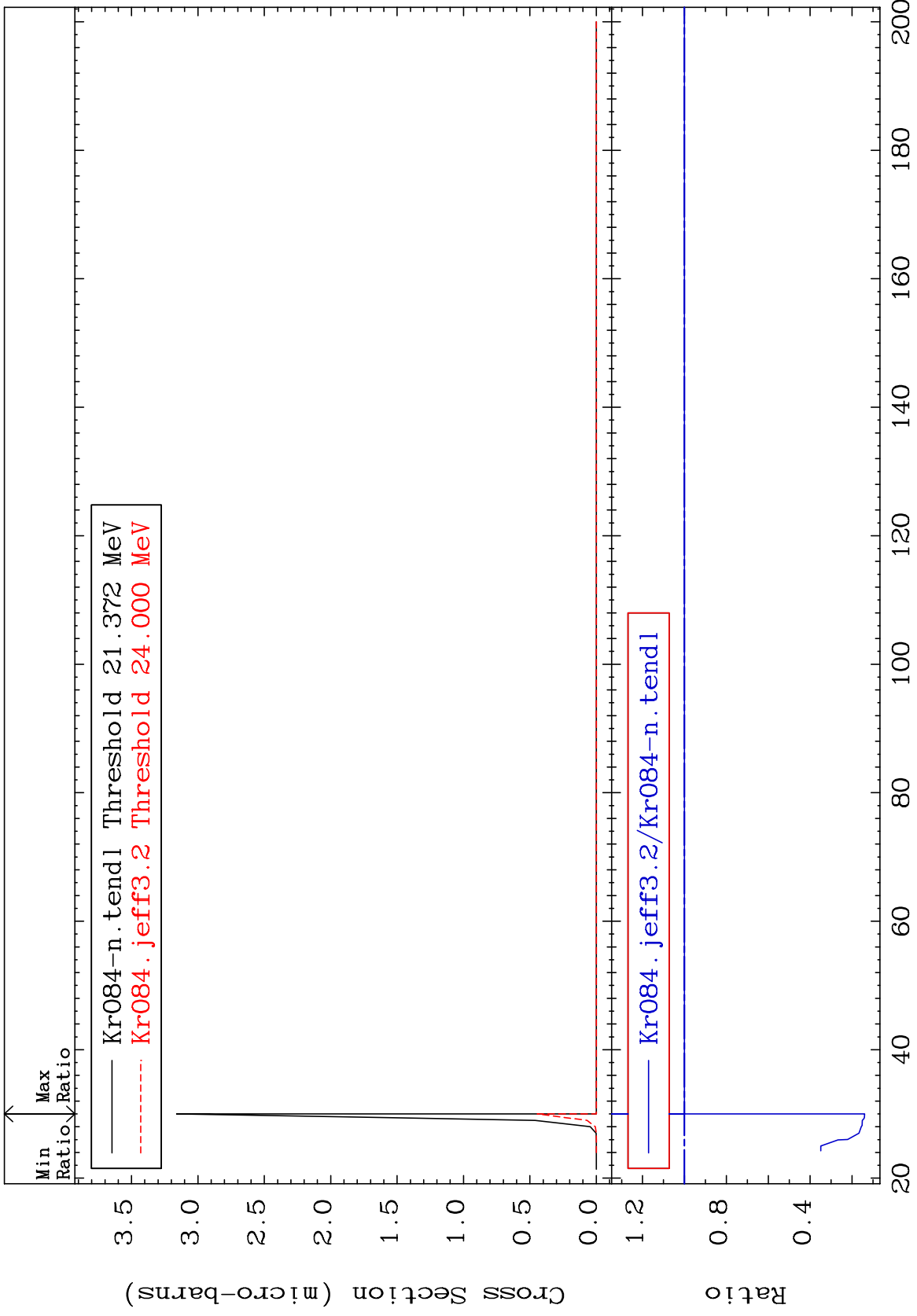
<sup>36</sup>Kr-84

(n, n') He-3:34-Se-81g

Radionuclide Production Cross Section -83.26 To 0.000 %



Radionuclide Production Cross Section -85.99 To 0.000 %

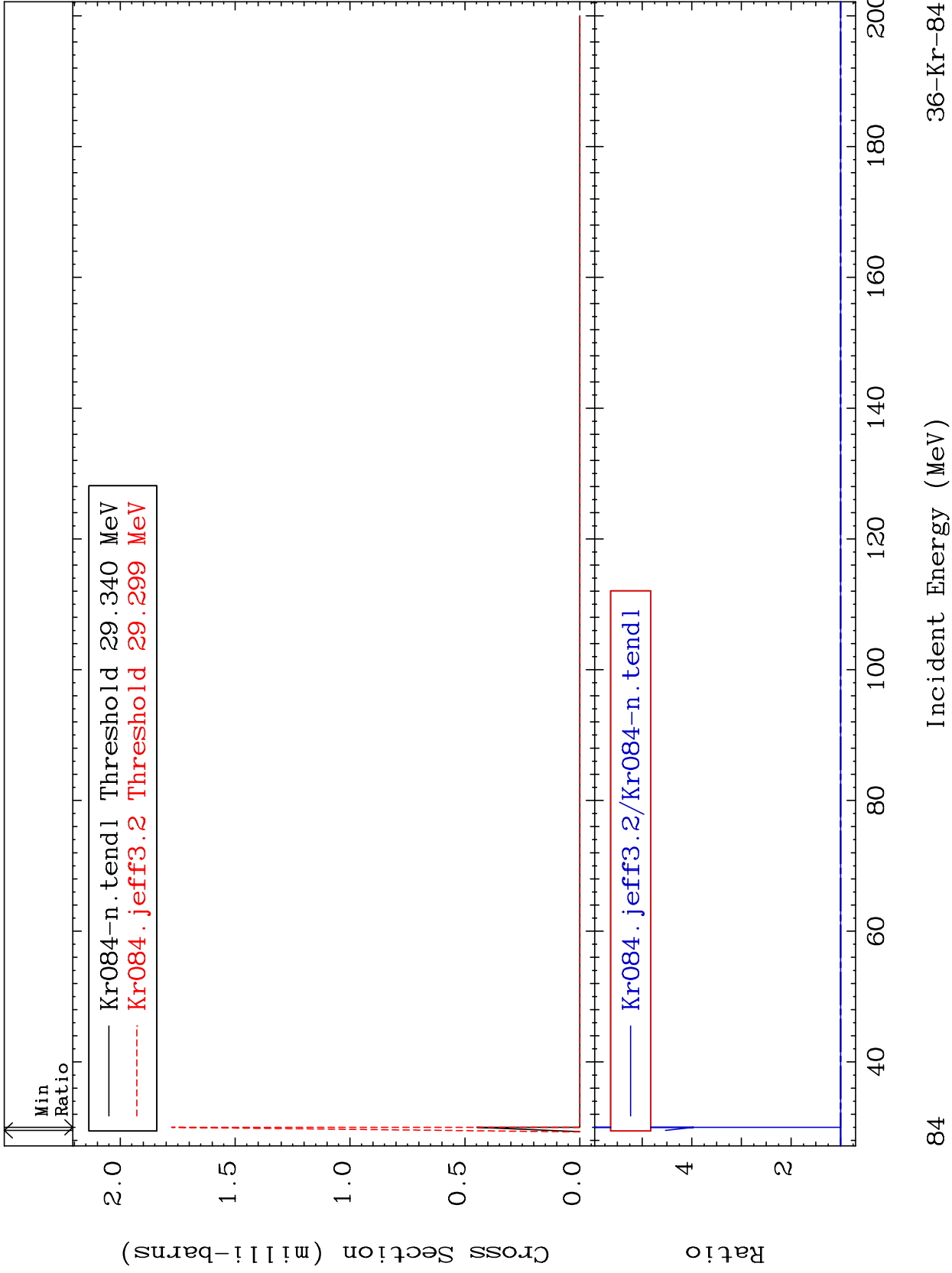


MAT 3643

(n, 4n) : 36-Kr-81g

36-Kr-84

Radionuclide Production Cross Section 0.000 To 353.0 %

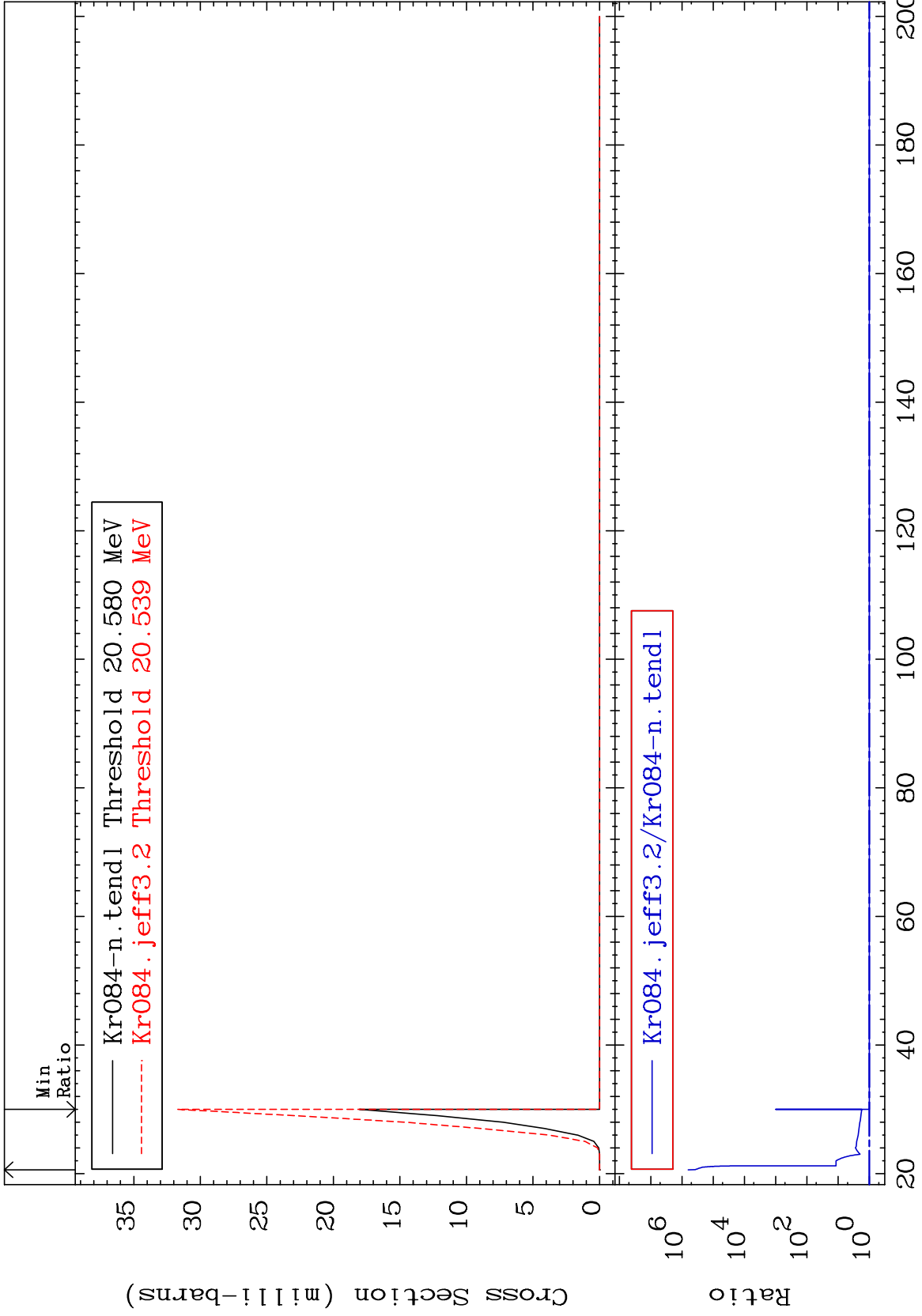


MAT 3643

(n,2n) p:35-Br-82g

36-Kr-84

Radionuclide Production Cross Section 0.000 To 9999. %



85

Incident Energy (MeV)

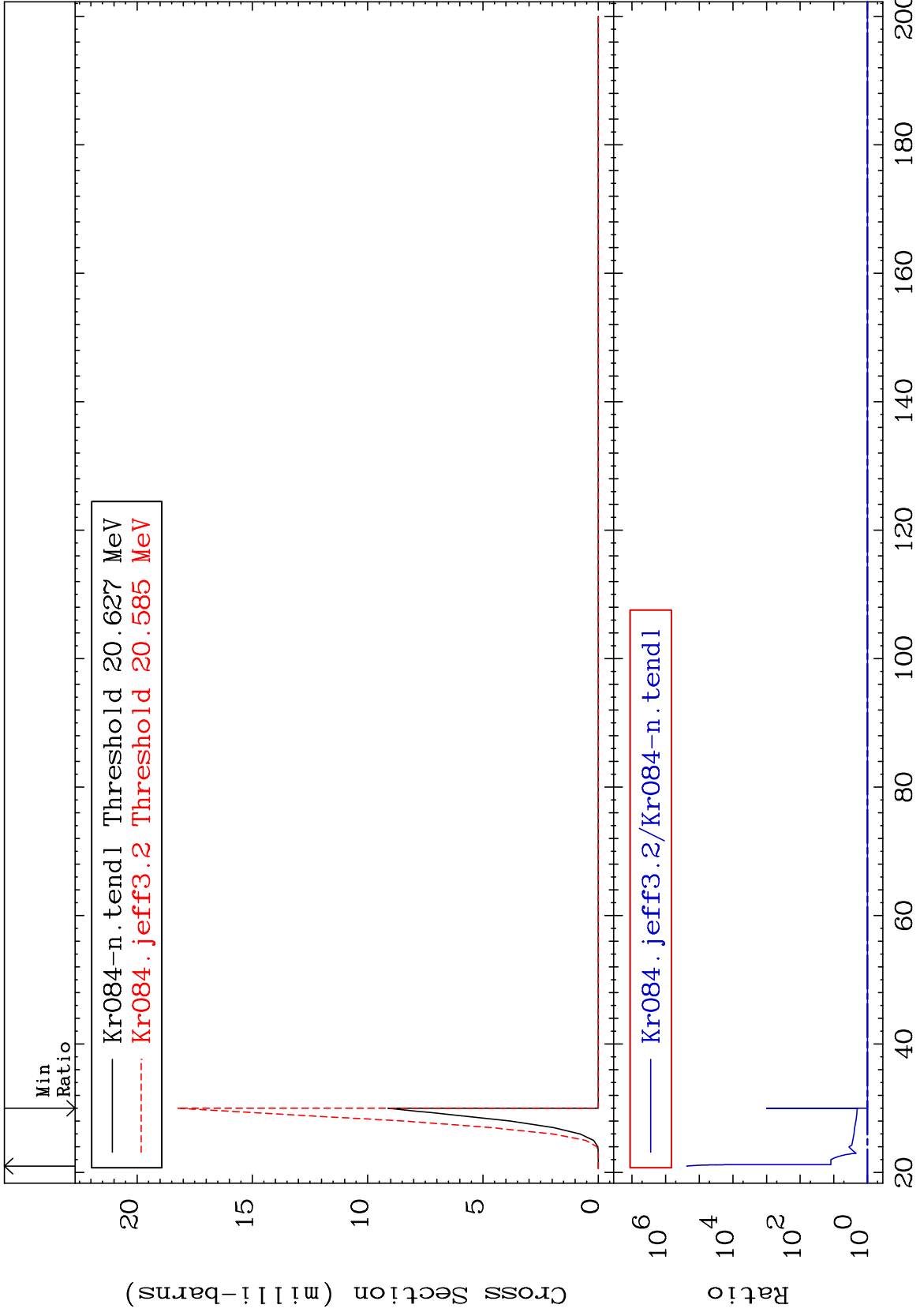
36-Kr-84

MAT 3643

(n,2n) p:35-Br-82m1

36-Kr-84

Radionuclide Production Cross Section 0.000 To 9999. %

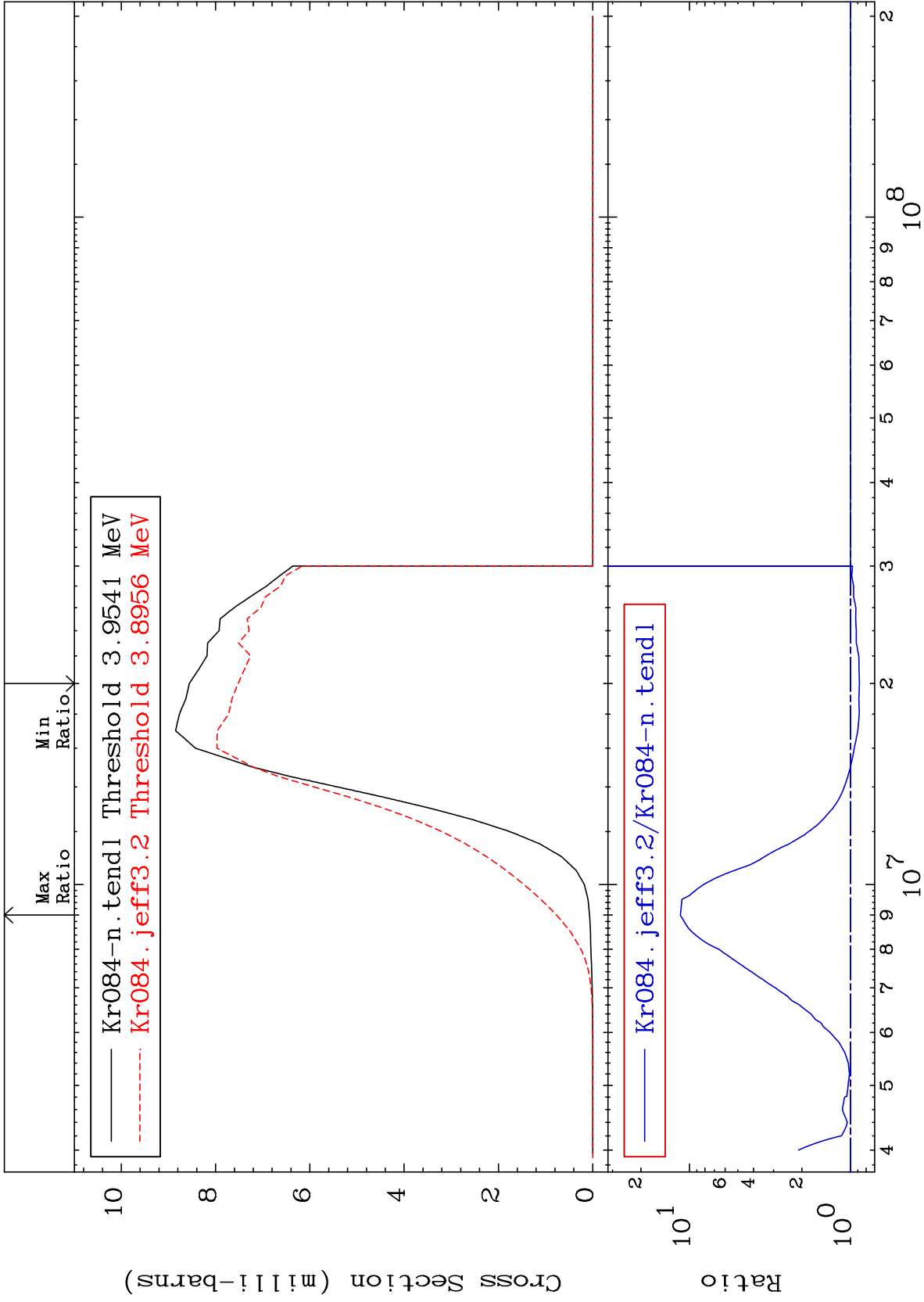


86

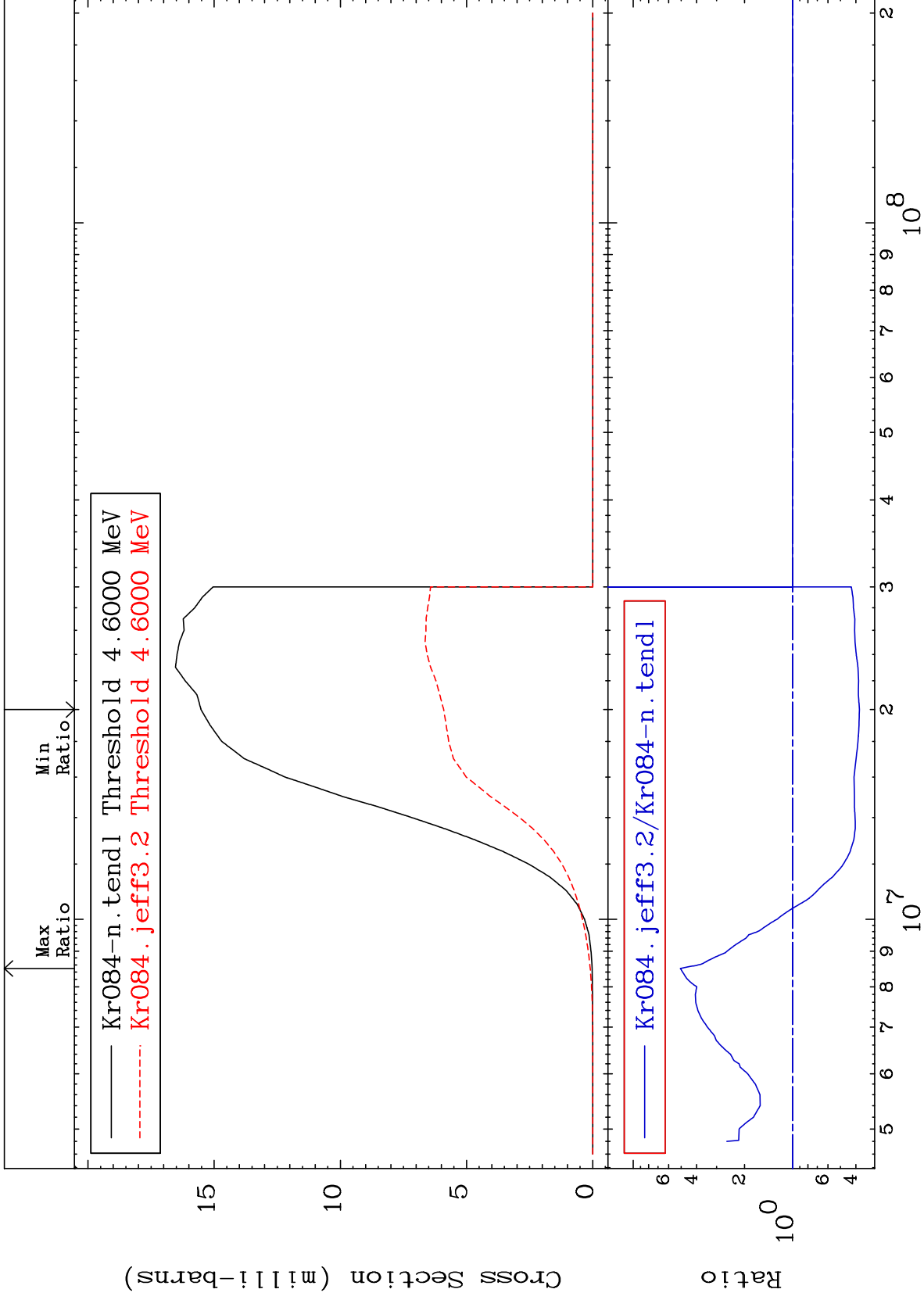
Incident Energy (MeV)

36-Kr-84

Radionuclide Production Cross Section -12.09 To 1038. %

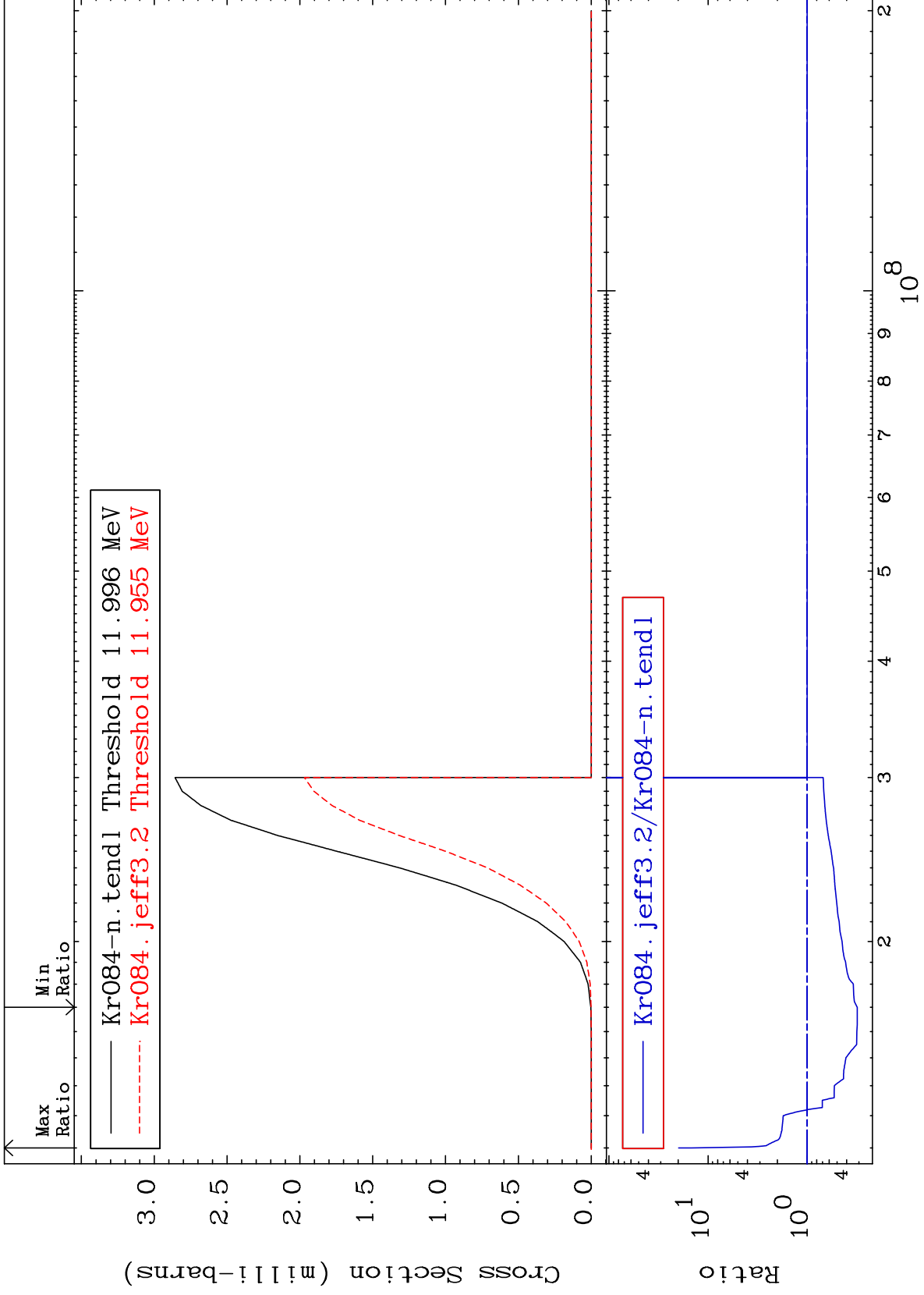


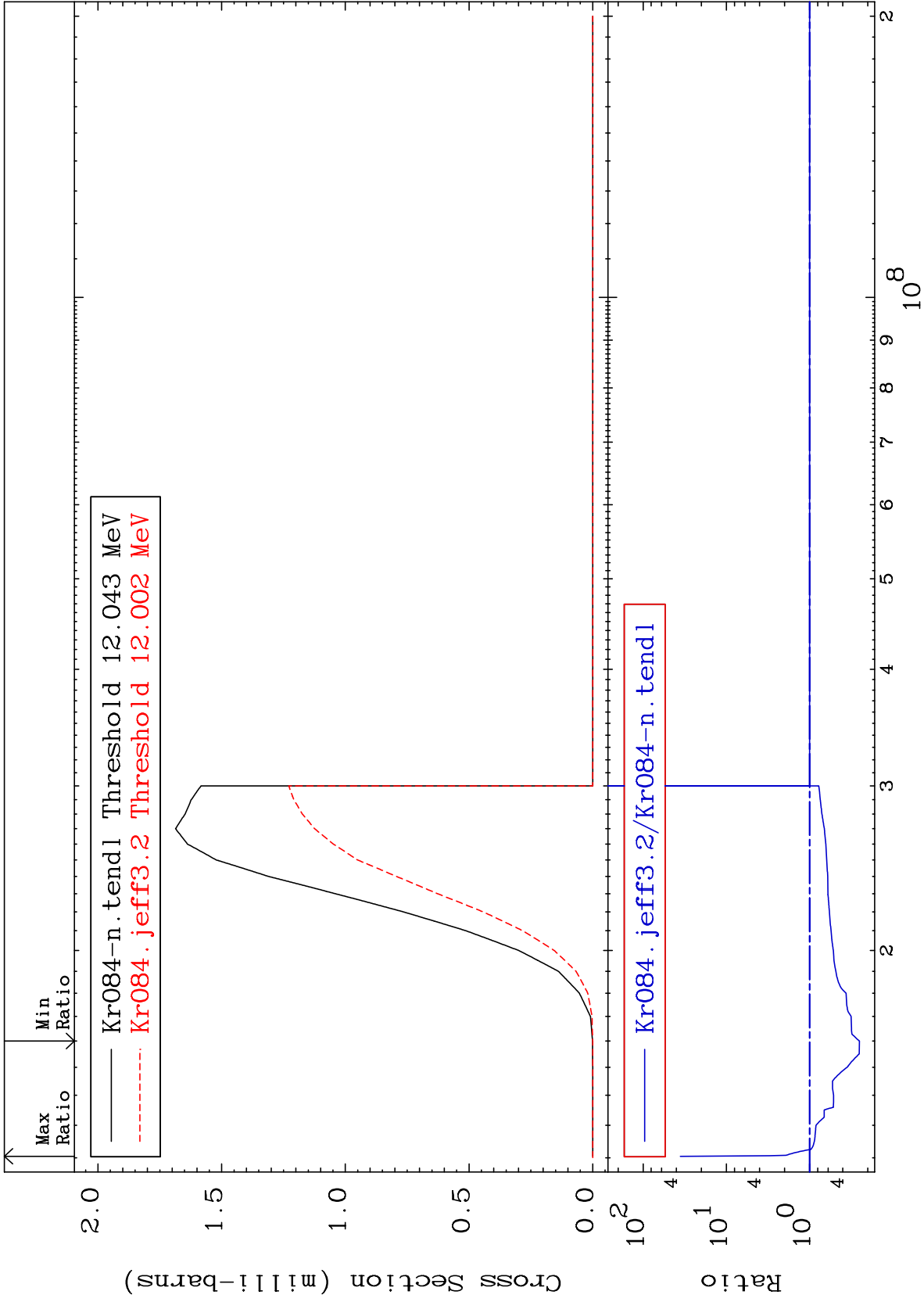
Radionuclide Production Cross Section -61.96 To 406.3 %





Radionuclide Production Cross Section -68.79 To 1880. %



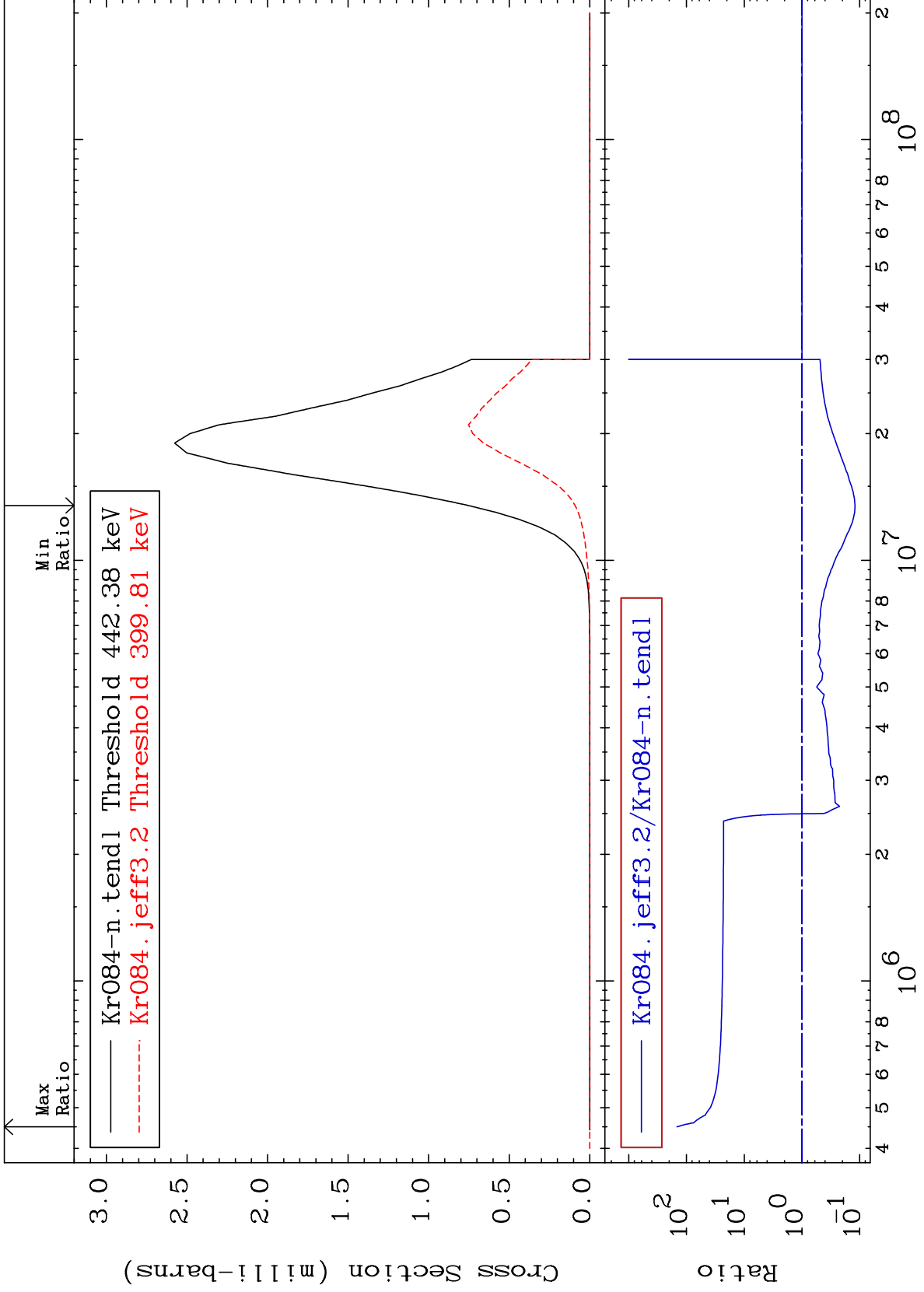


MAT 3643

(n,  $\alpha$ ):34-Se-81g

36-Kr-84

Radionuclide Production Cross Section -87.97 To 9999. %

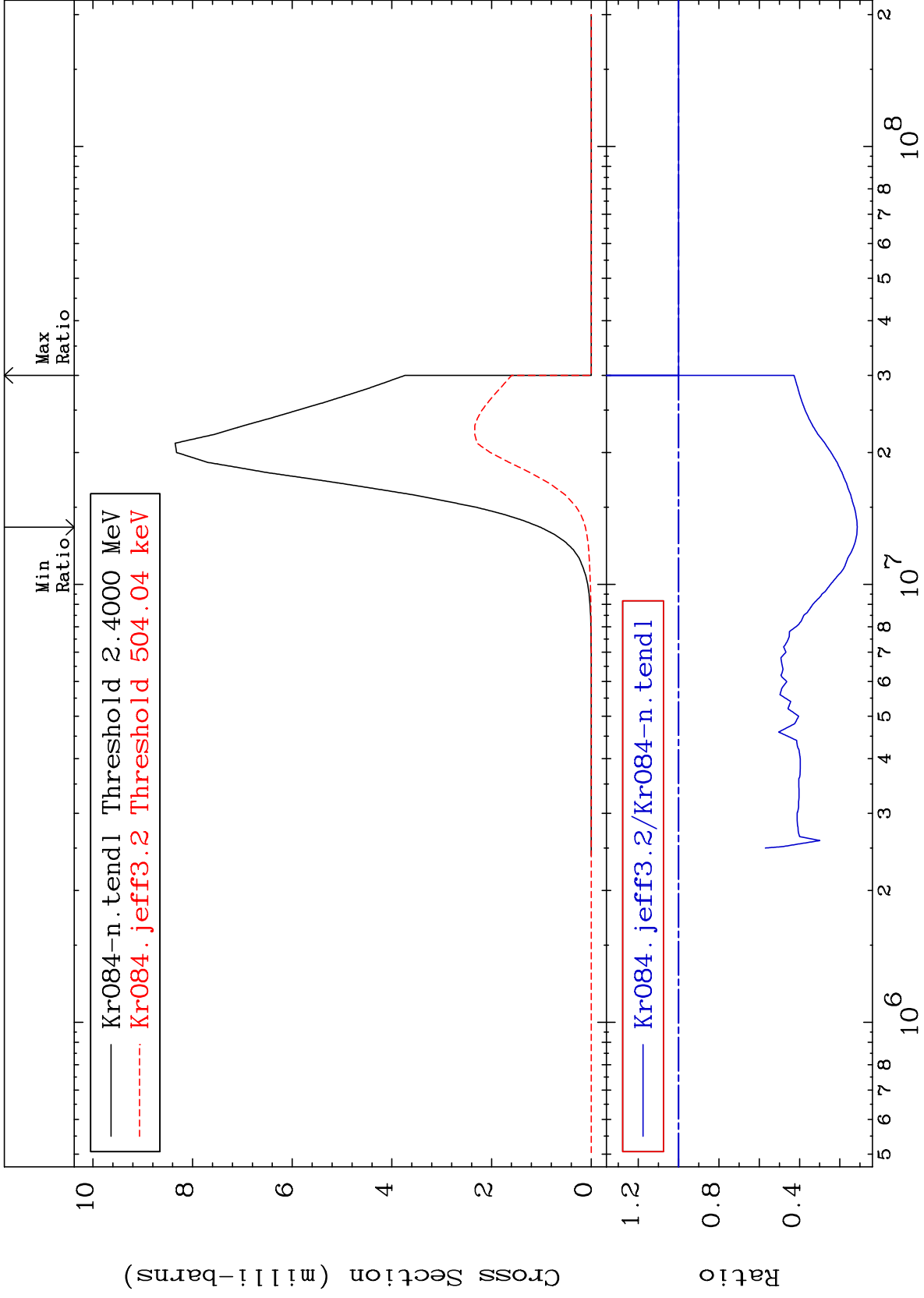


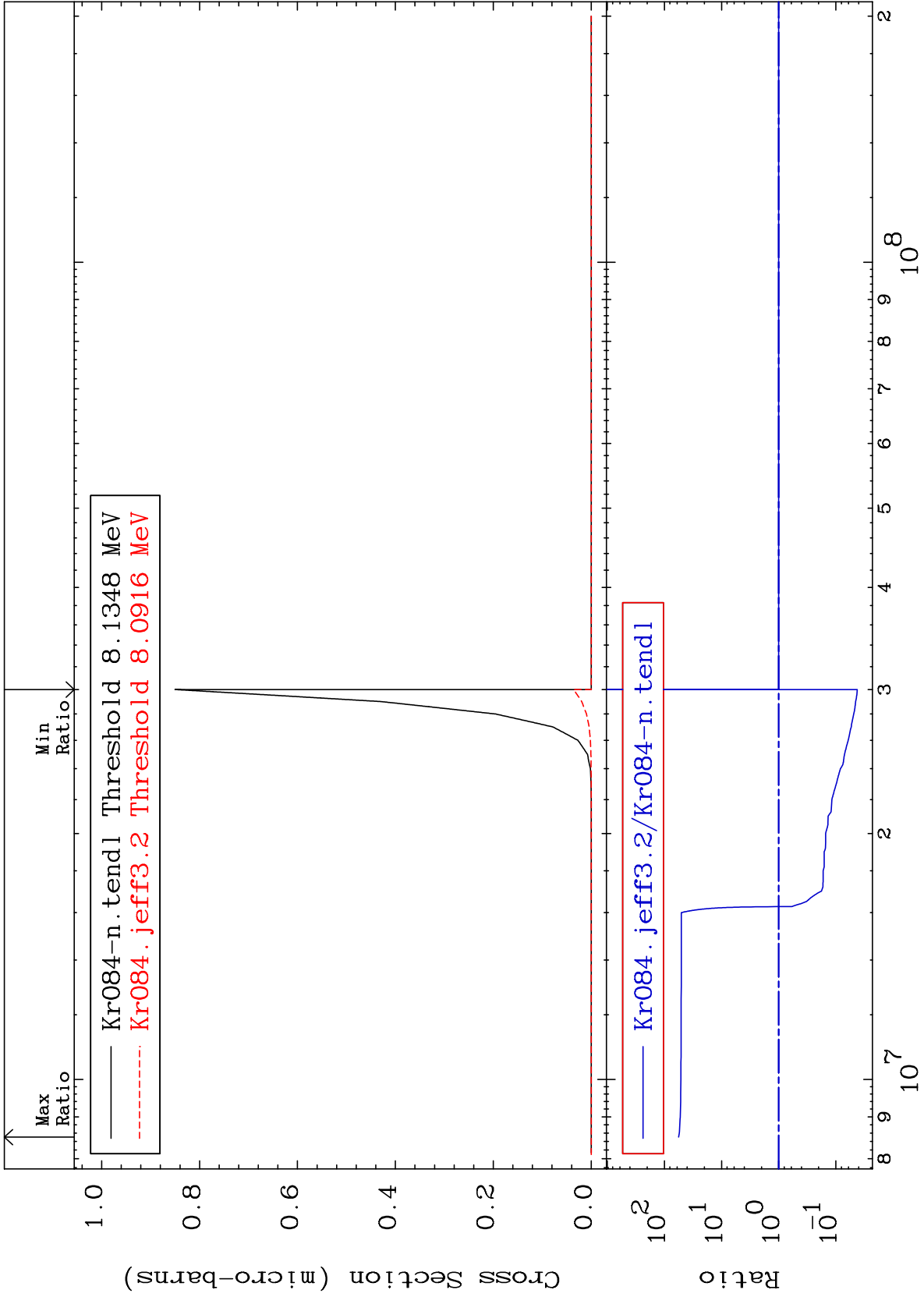
MAT 3643

(n,  $\alpha$ ): 34-Se-81m1

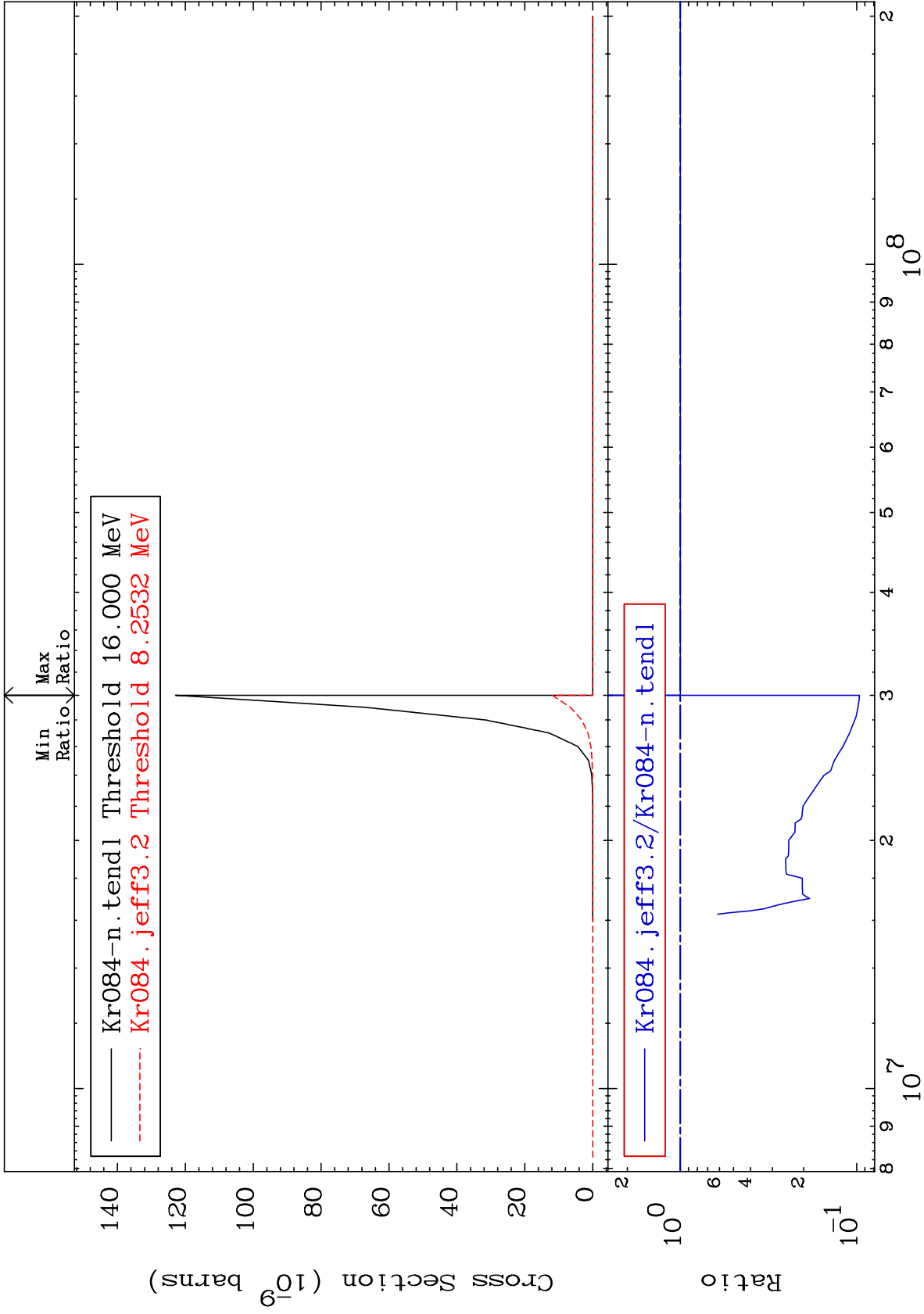
<sup>36</sup>Kr-84

Radionuclide Production Cross Section -88.63 To 0.000 %

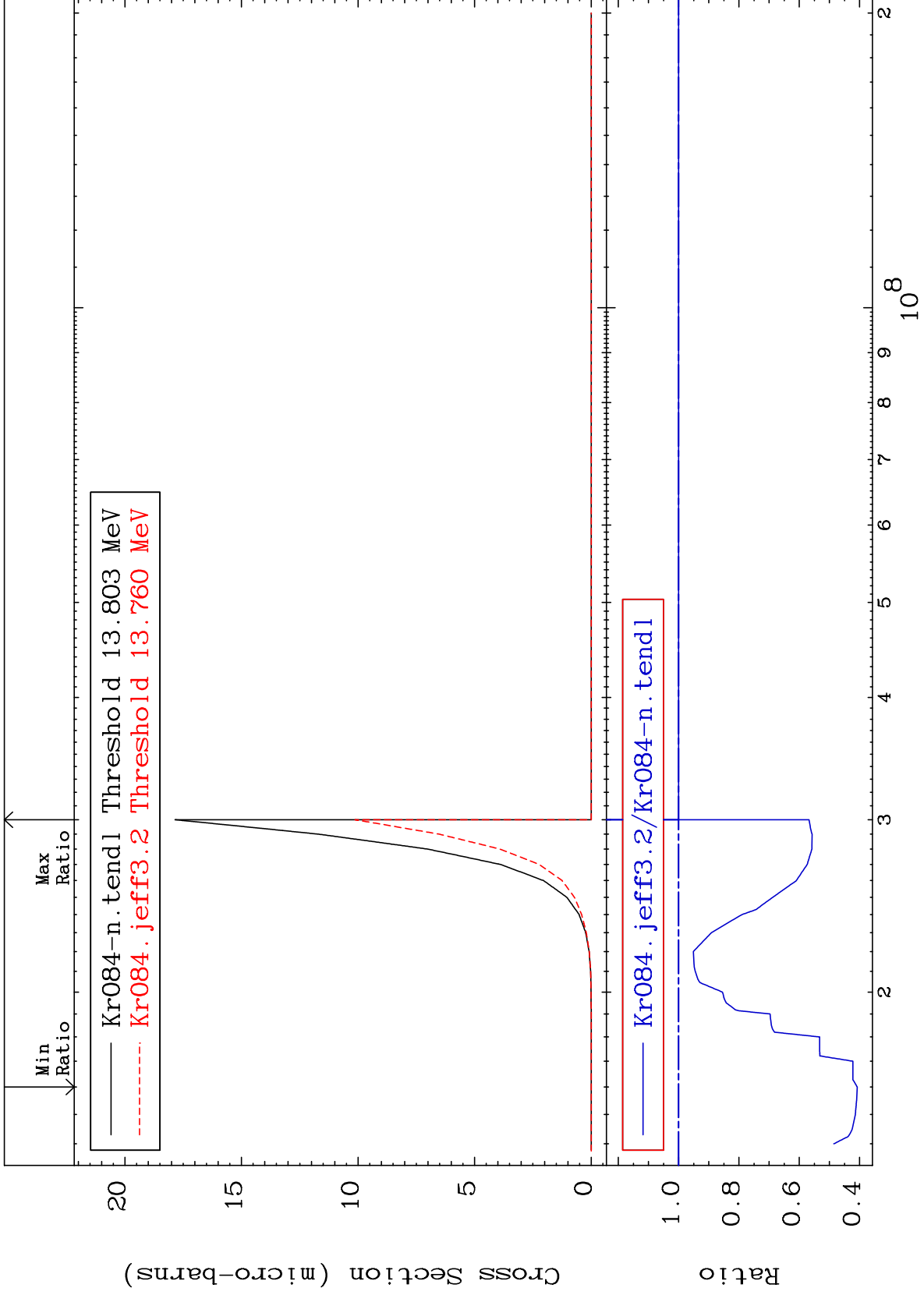




(n,2α):32-Ge-77m1 -90.35 To 0.000 %  
Radionuclide Production Cross Section

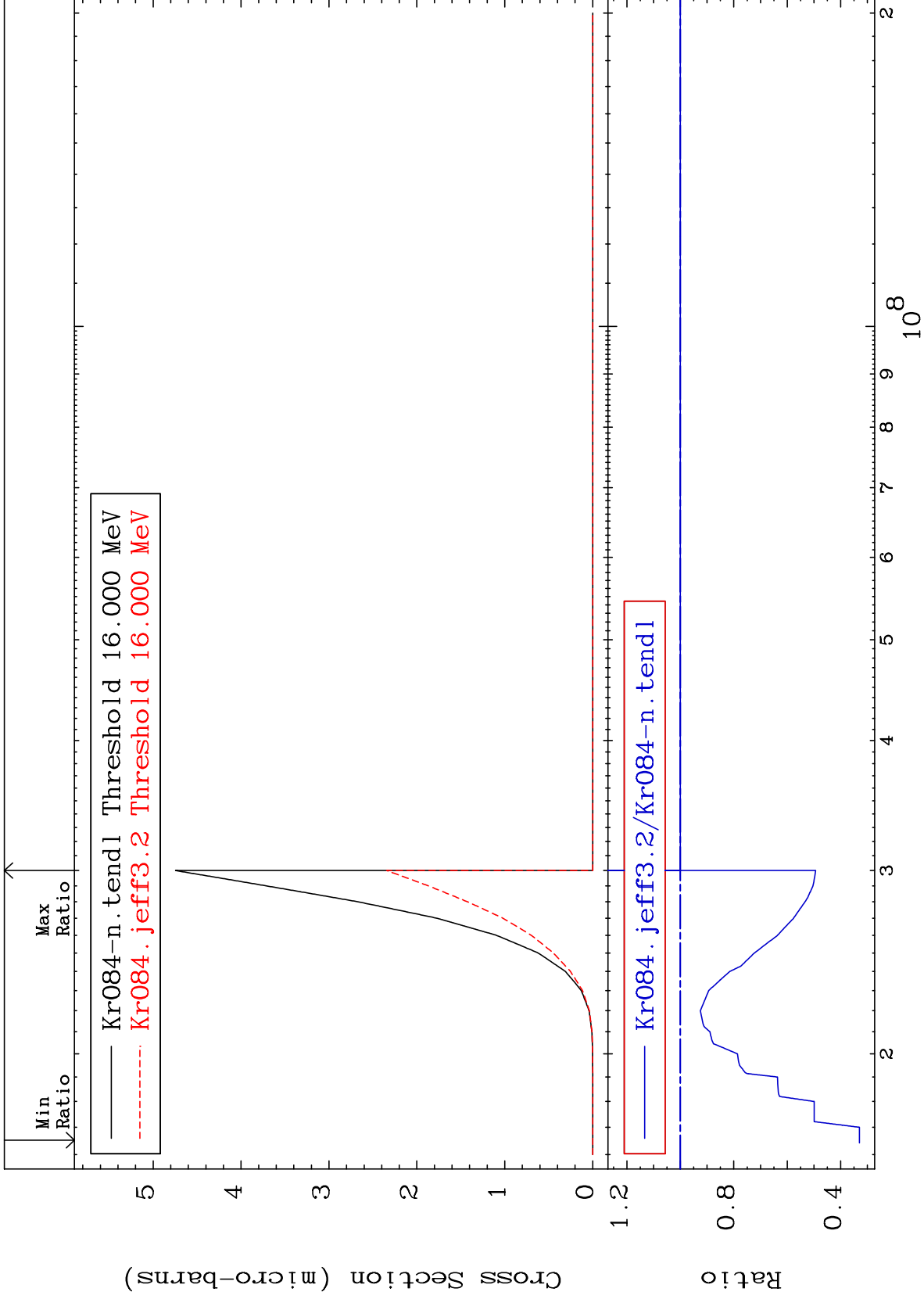


Radionuclide Production Cross Section -59.23 To 0.000 %



Radionuclide Production Cross Section

-67.03 To 0.000 %





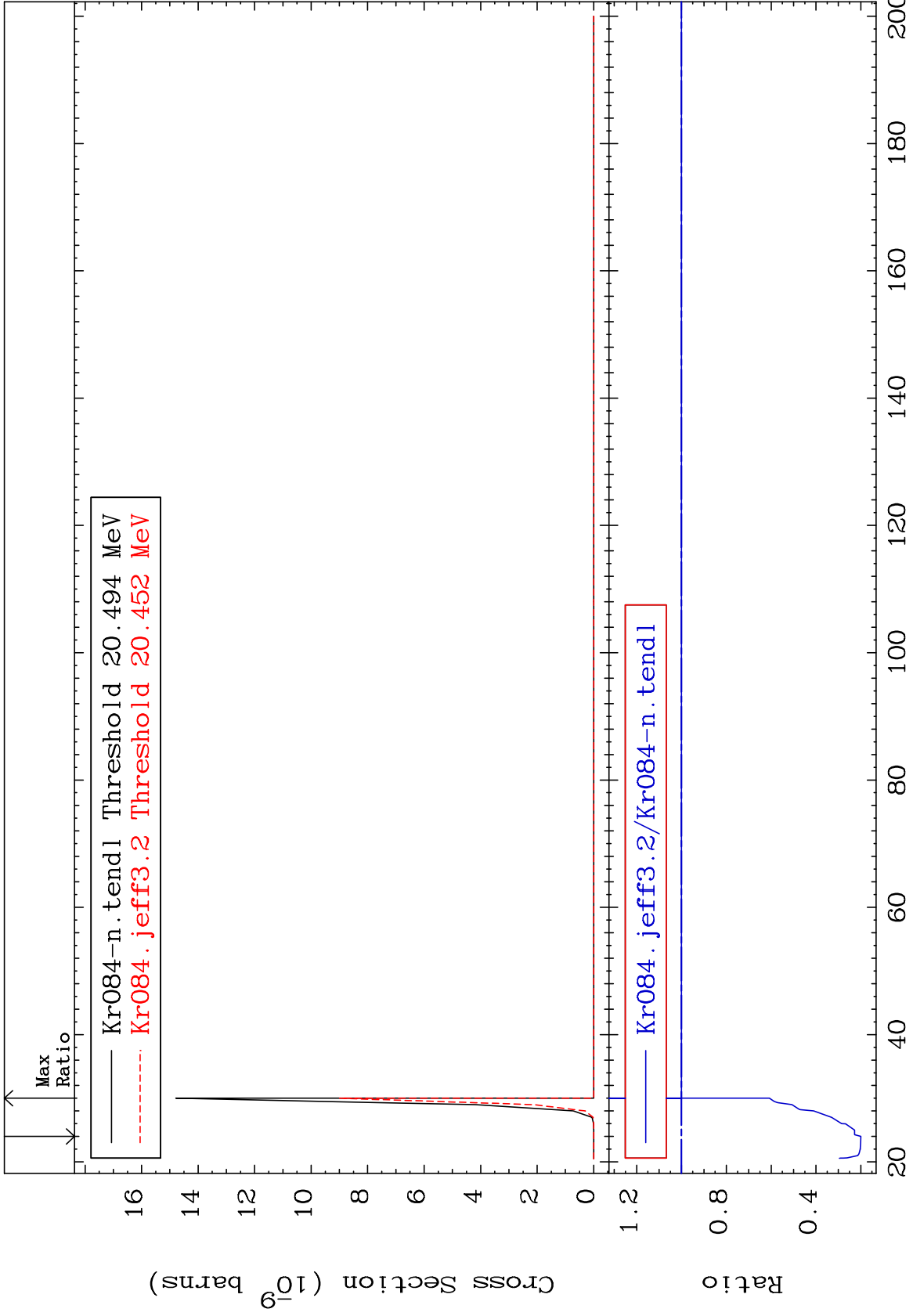
MAT 3643

(n, p) t:34-Se-81g

<sup>36</sup>Kr-84

Radionuclide Production Cross Section

-80.02 To 0.000 %



97

Incident Energy (MeV)

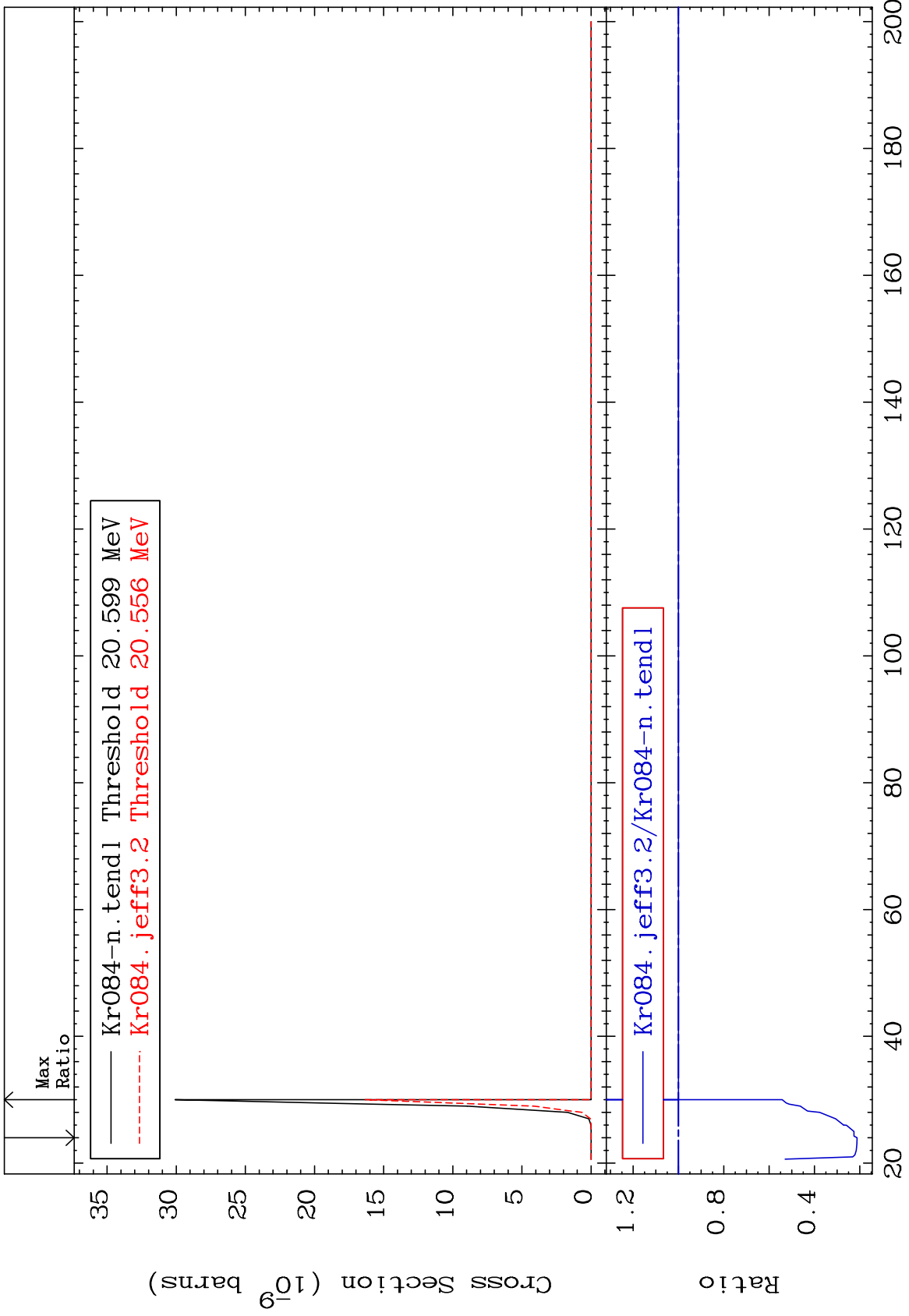
<sup>36</sup>Kr-84

MAT 3643

(n, p) t:34-Se-81m1

36-Kr-84

Radionuclide Production Cross Section -78.79 To 0.000 %



98

36-Kr-84