

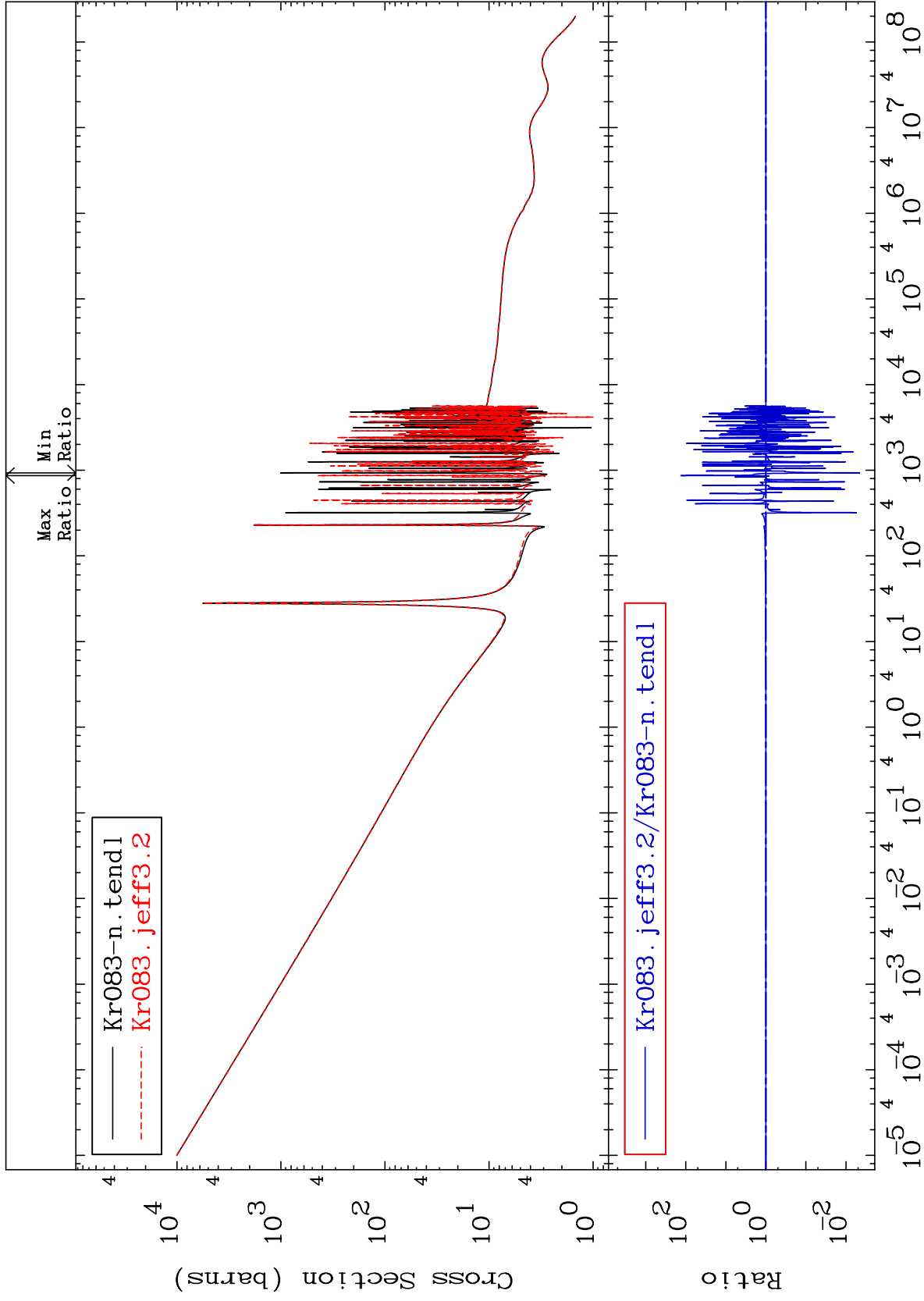
MAT 3640

Total

36-Kr-83

Cross Section

-99.54 To 9999. %



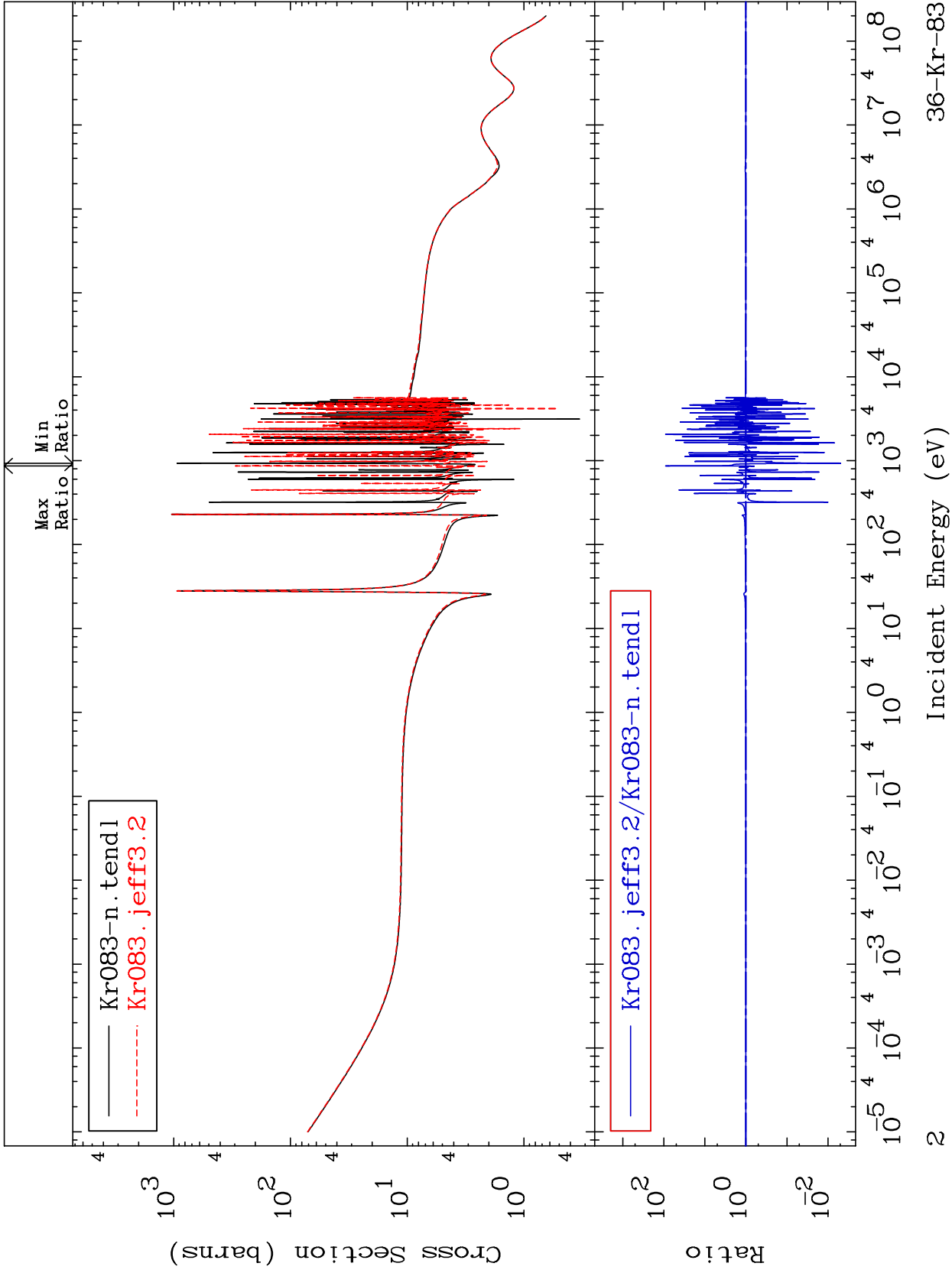
Incident Energy (eV)

36-Kr-83

MAT 3640

Elastic  
Cross Section

36-Kr-83  
-99.51 To 9006. %

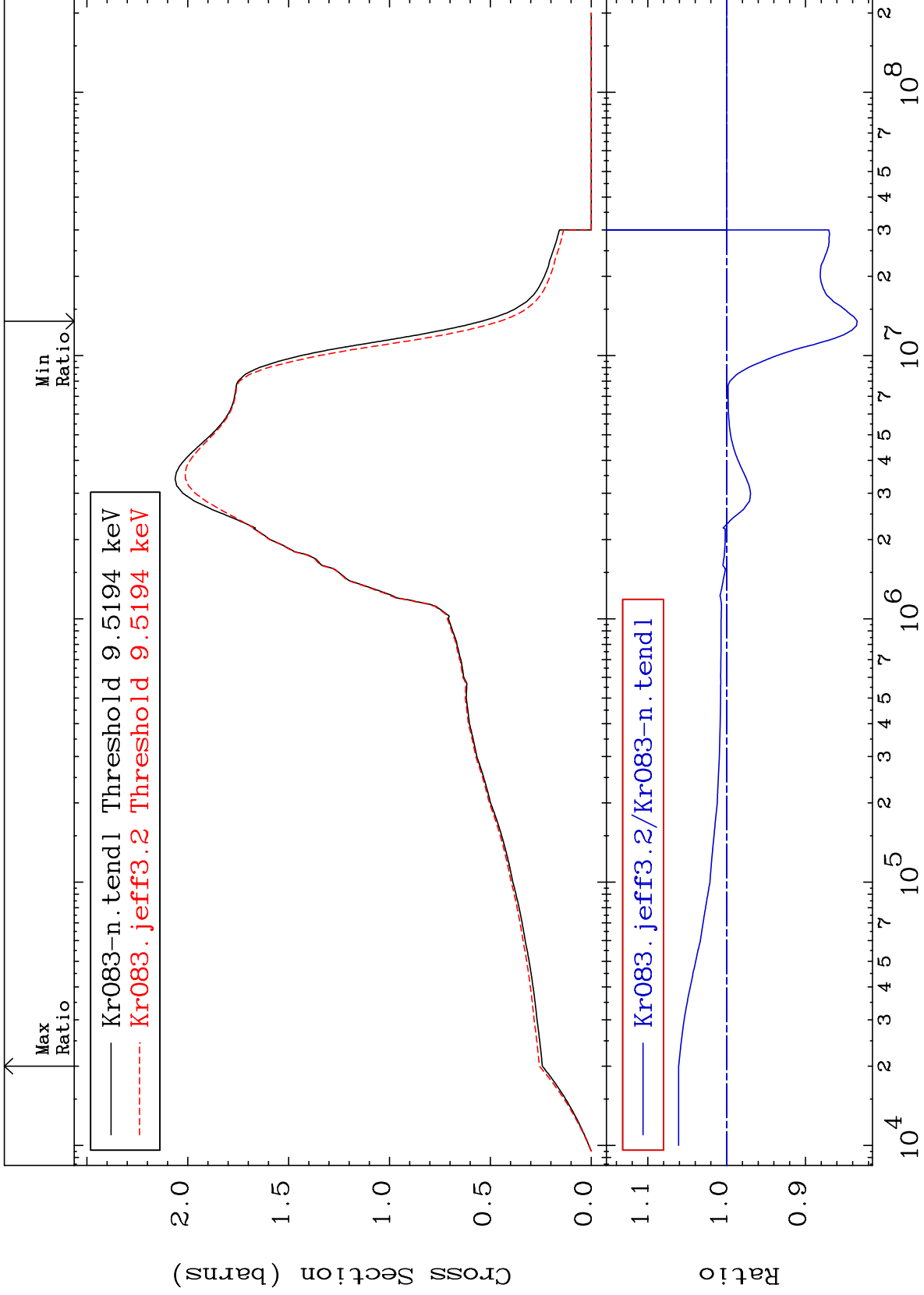


36-Kr-83

MAT 3640

Inelastic  
Cross Section

36-Kr-83  
-16.58 To 6.099 %



36-Kr-83

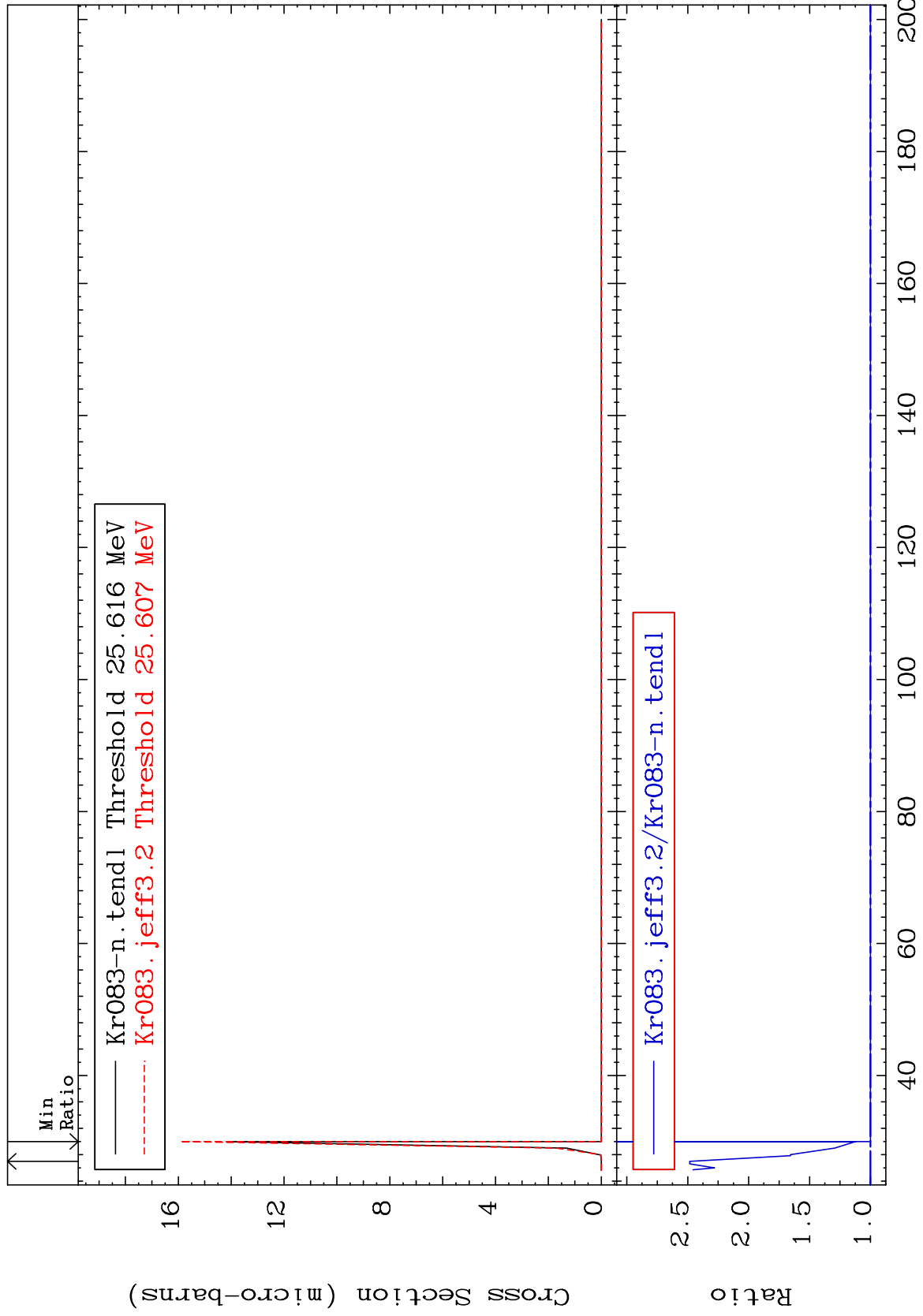
36-Kr-83

3

MAT 3640

(n,2n) d  
Cross Section

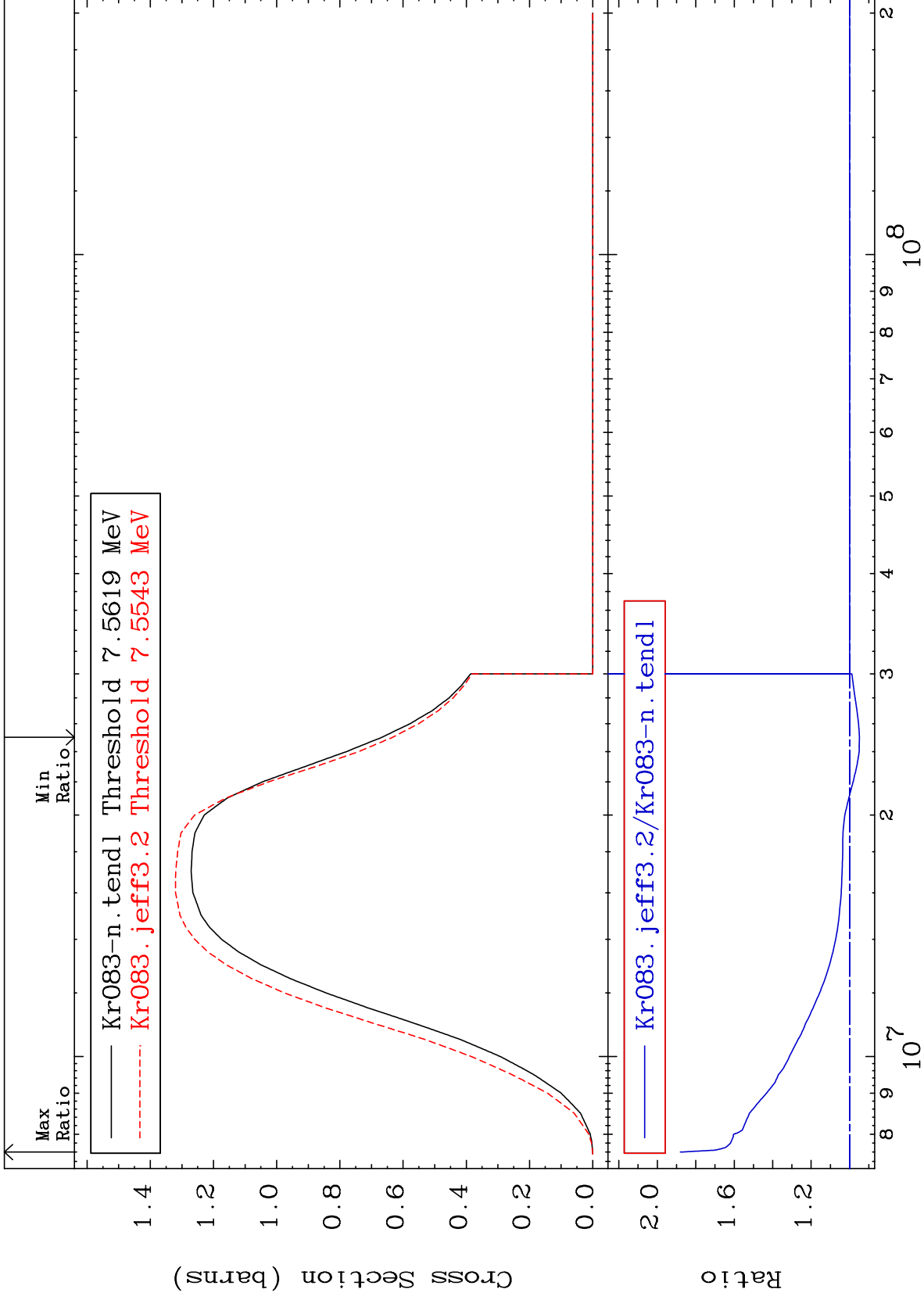
<sup>36</sup>Kr-83  
0.000 To 148.3 %



MAT 3640

(n,2n)  
Cross Section

<sup>36</sup>Kr-83  
-5.116 To 88.02 %



MAT 3640

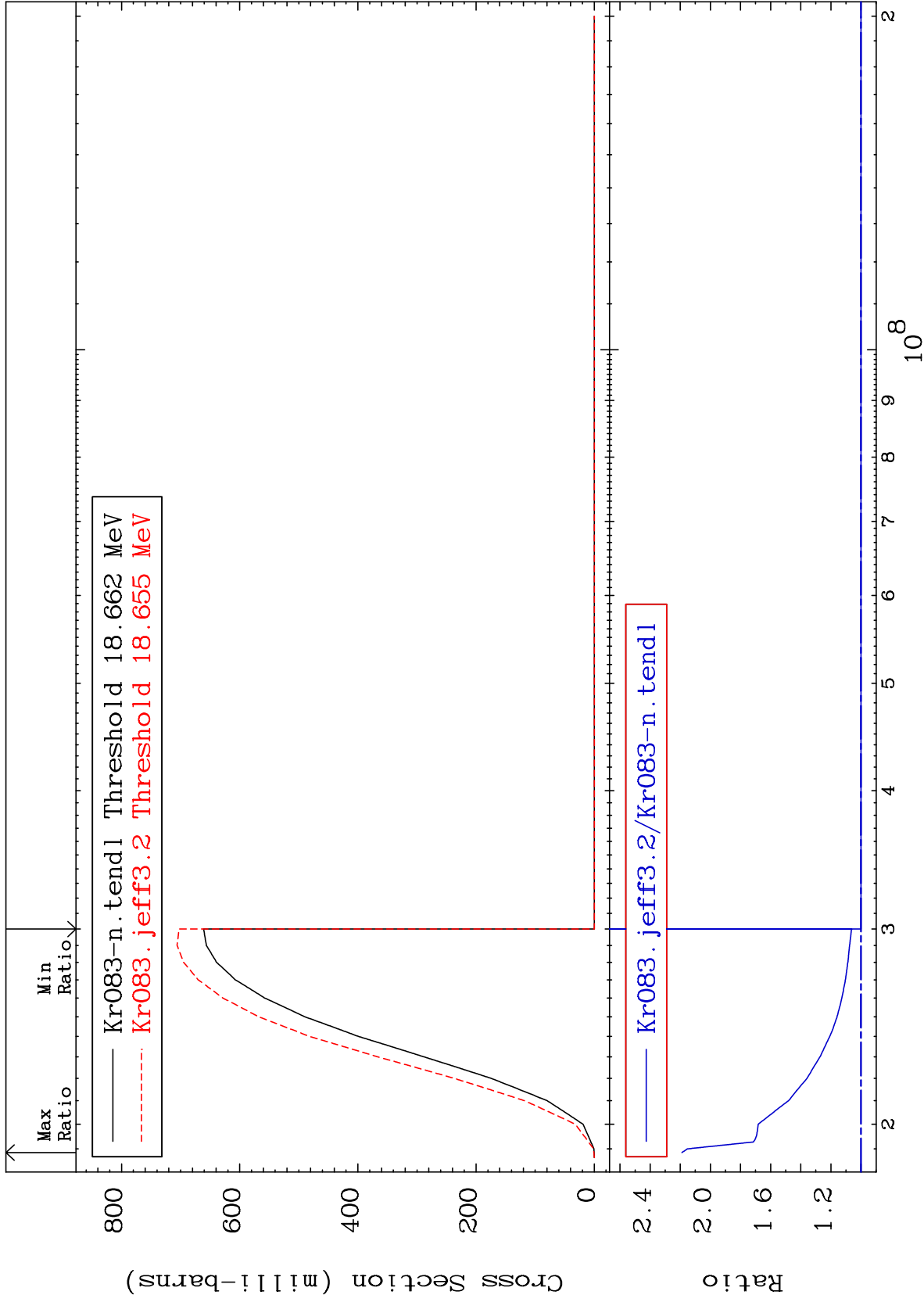
(n,3n)

<sup>36</sup>Kr-83

Cross Section

0.000

To 118.9 %



6

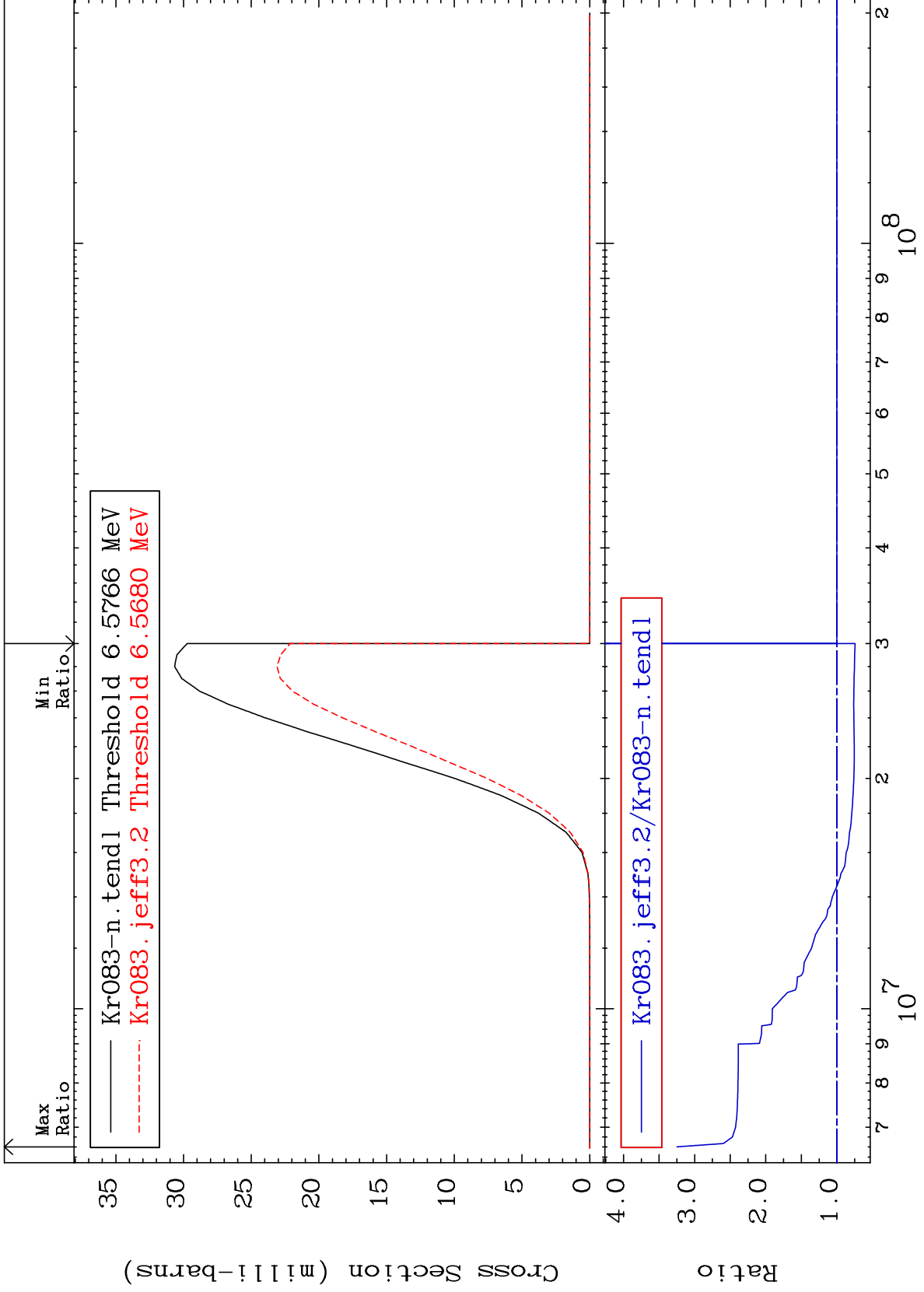
Incident Energy (eV)

<sup>36</sup>Kr-83

MAT 3640

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

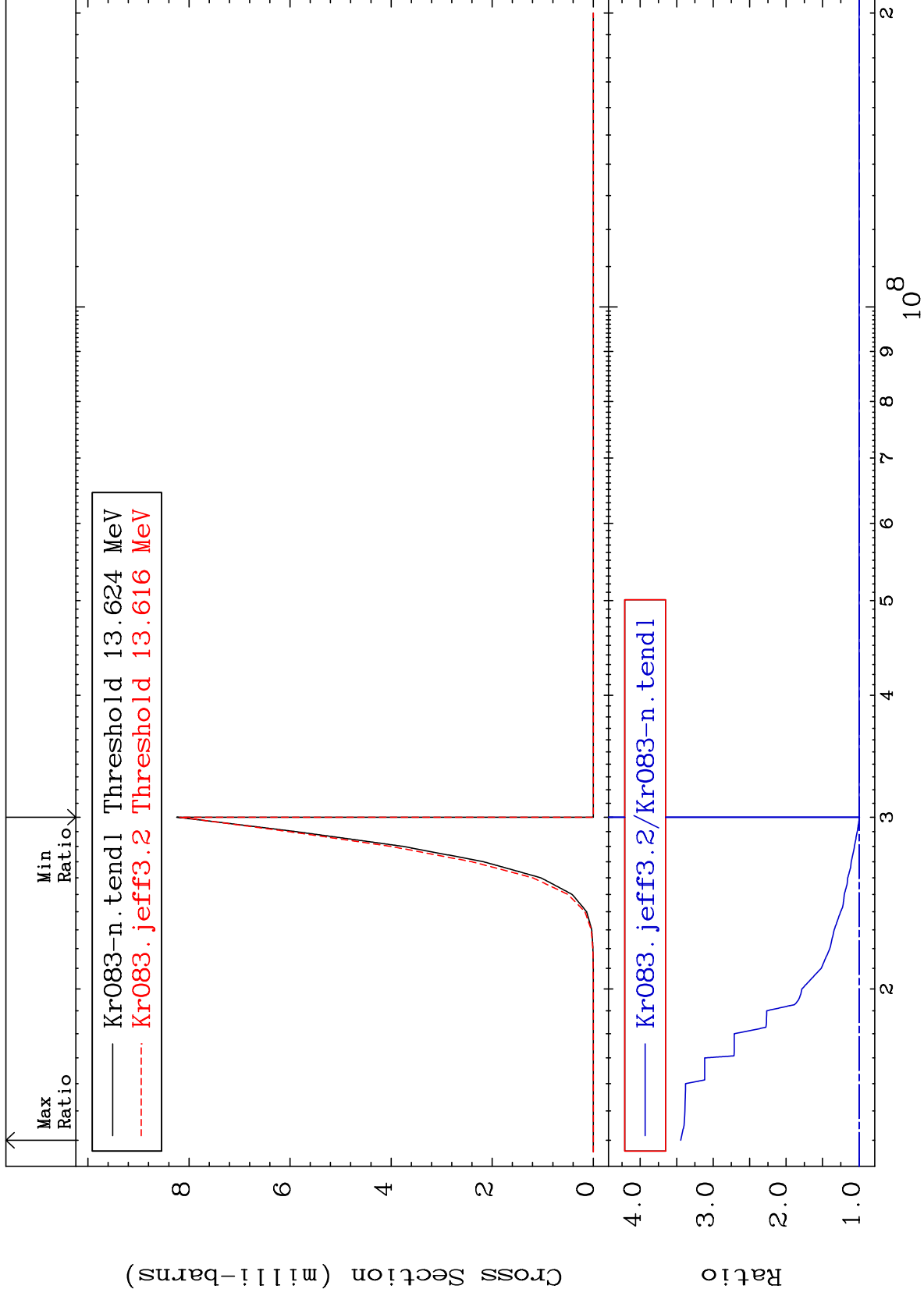
<sup>36</sup>Kr-83  
-25.59 To 224.9 %



MAT 3640

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

<sup>36</sup>Kr-83  
-0.682 To 244.4 %

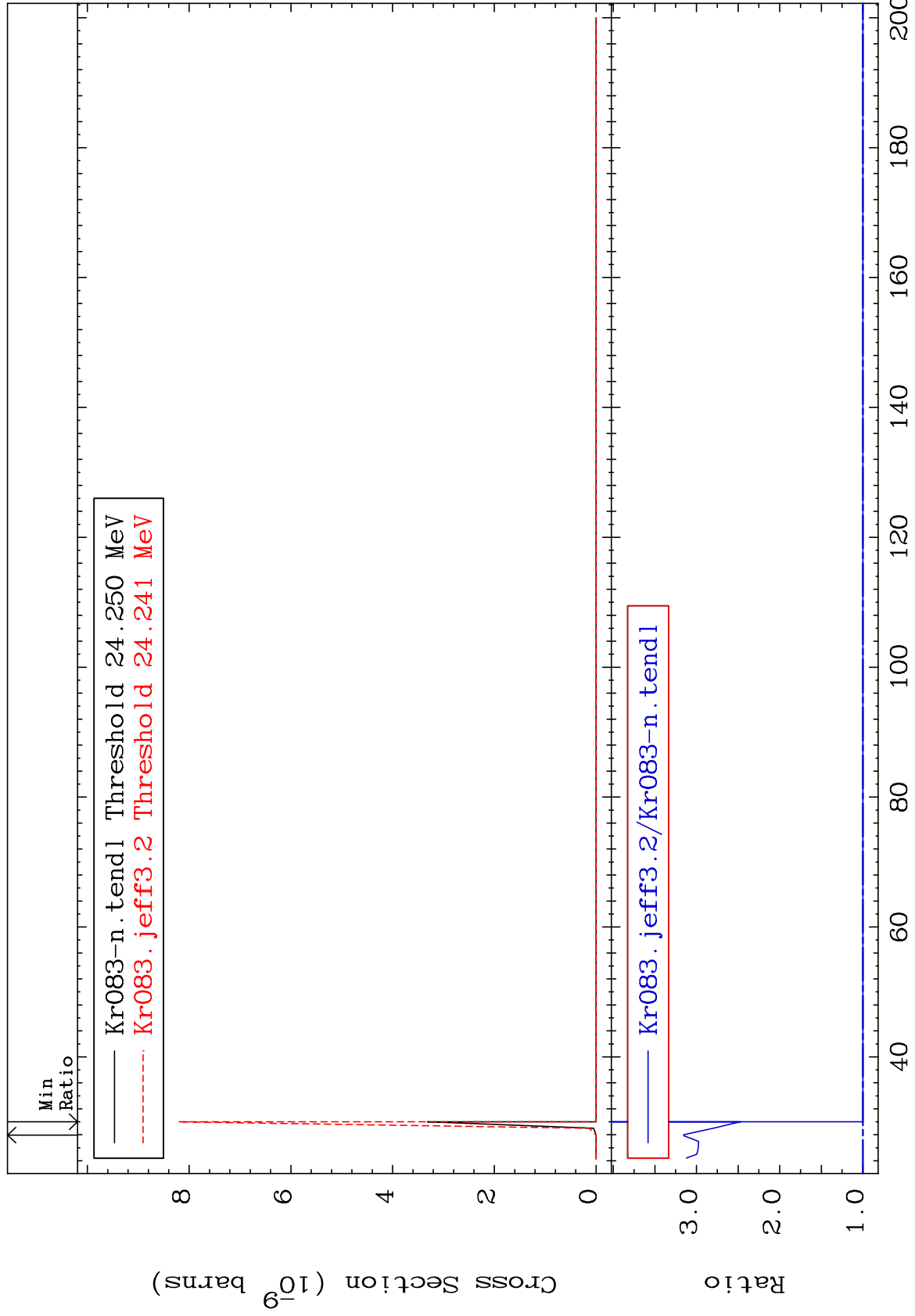




MAT 3640

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

<sup>36</sup>Kr-83  
0.000 To 215.3 %



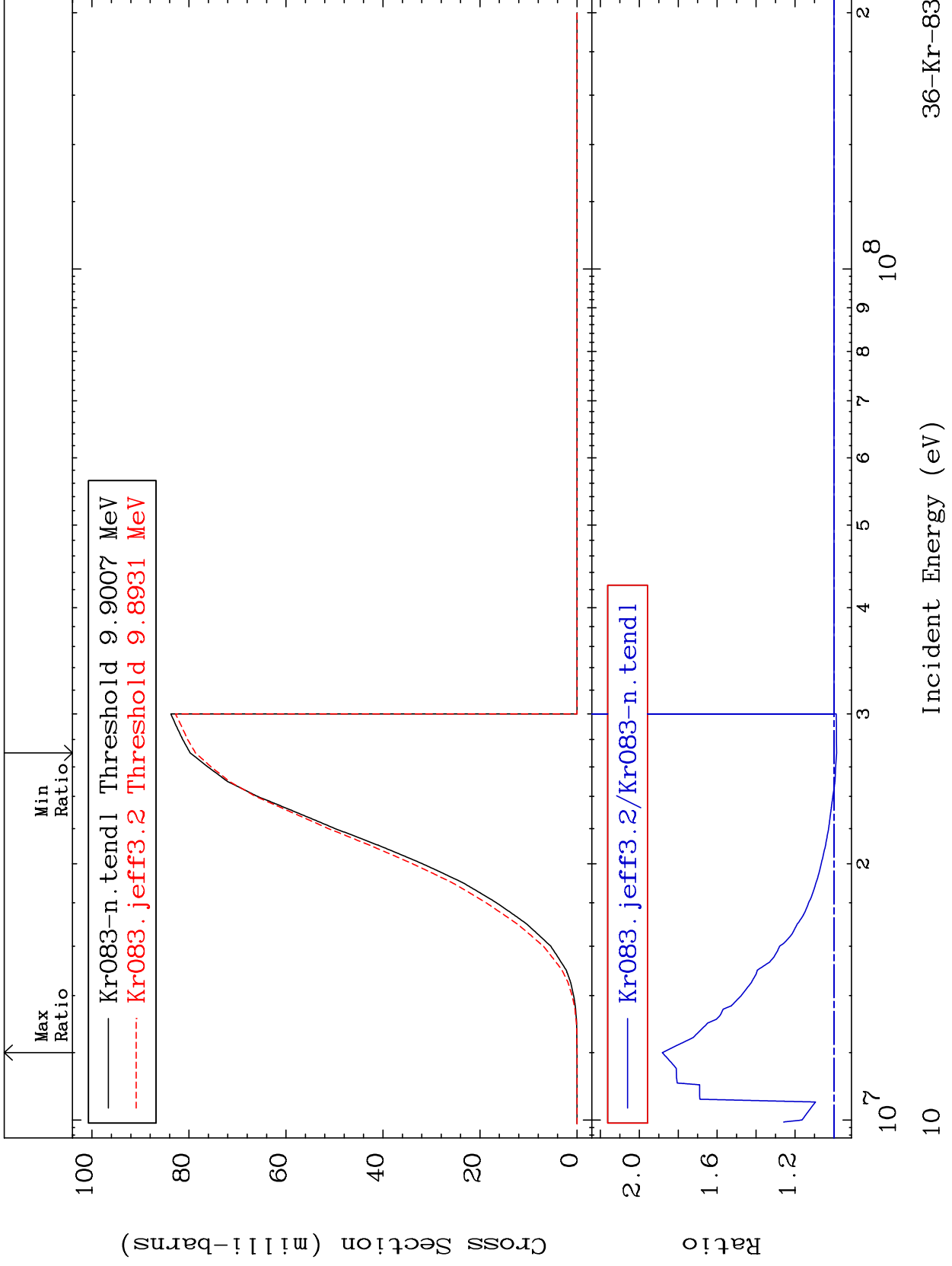
Incident Energy (MeV)

<sup>36</sup>Kr-83

MAT 3640

(n,n') p  
Cross Section

<sup>36</sup>Kr-83  
-1.372 To 88.16 %



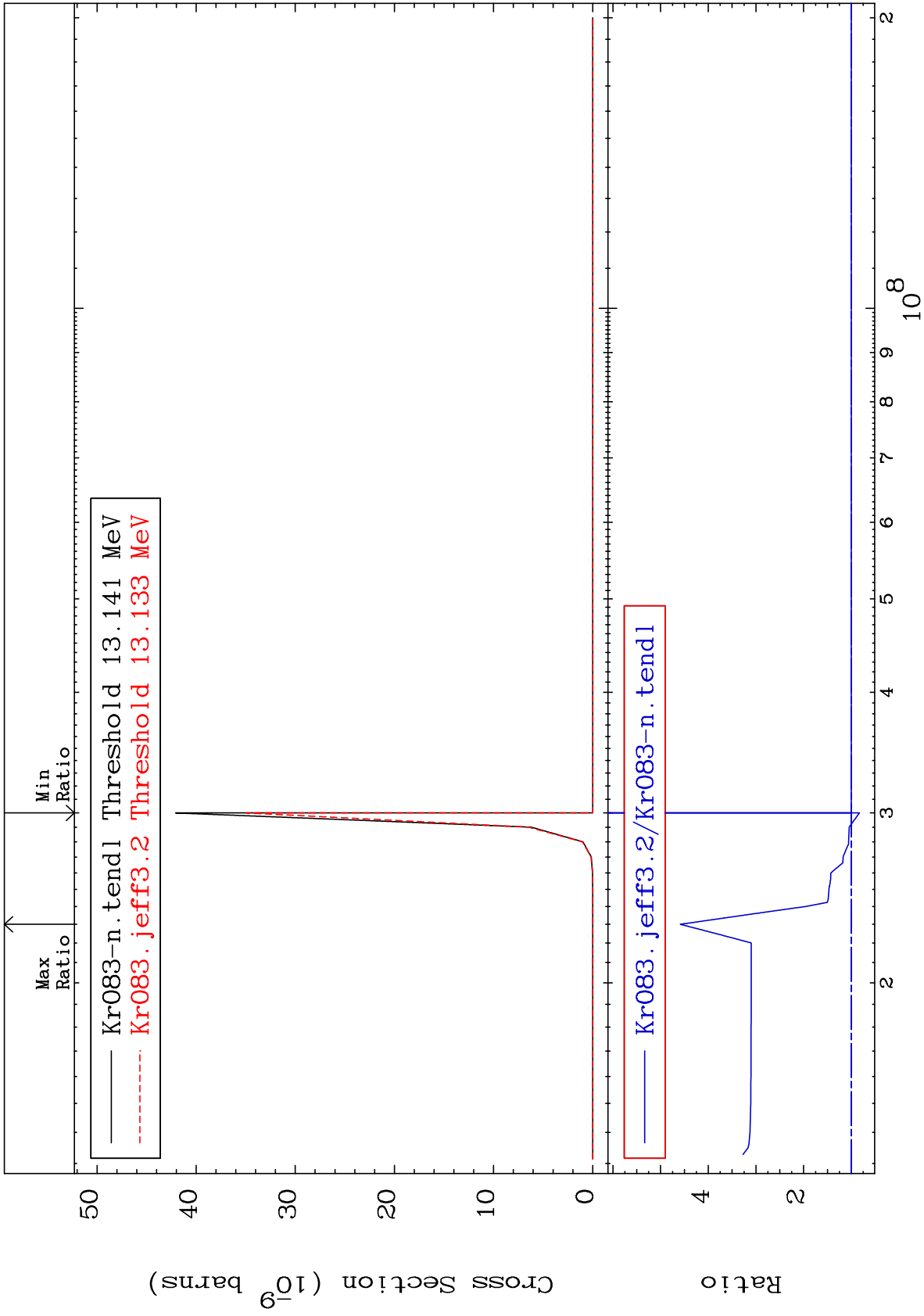
<sup>36</sup>Kr-83

Incident Energy (eV)

MAT 3640

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

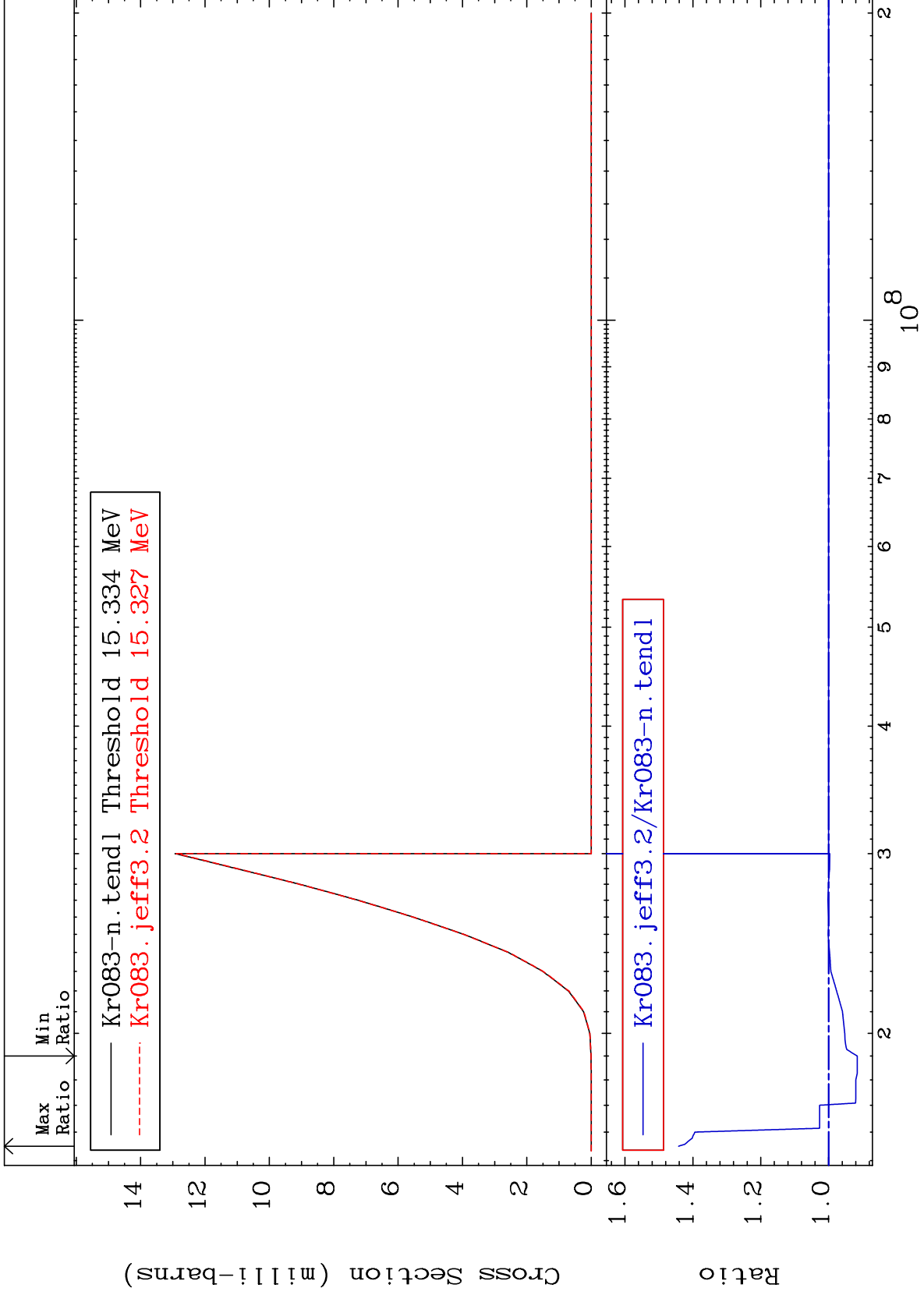
36-Kr-83  
-17.04 To 358.6 %



MAT 3640

(n,n') d  
Cross Section

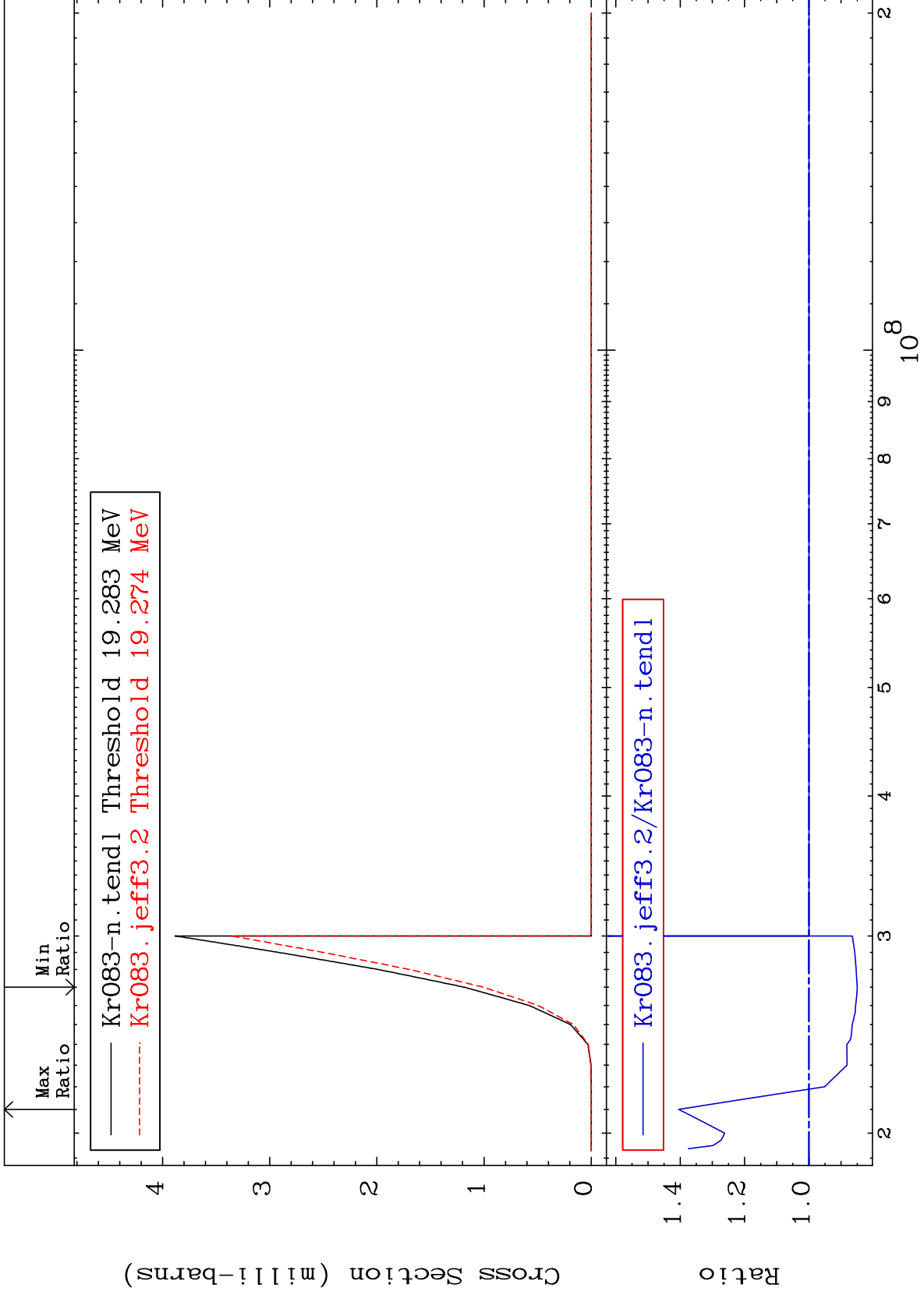
36-Kr-83  
-8.431 To 44.19 %



MAT 3640

(n,n') t  
Cross Section

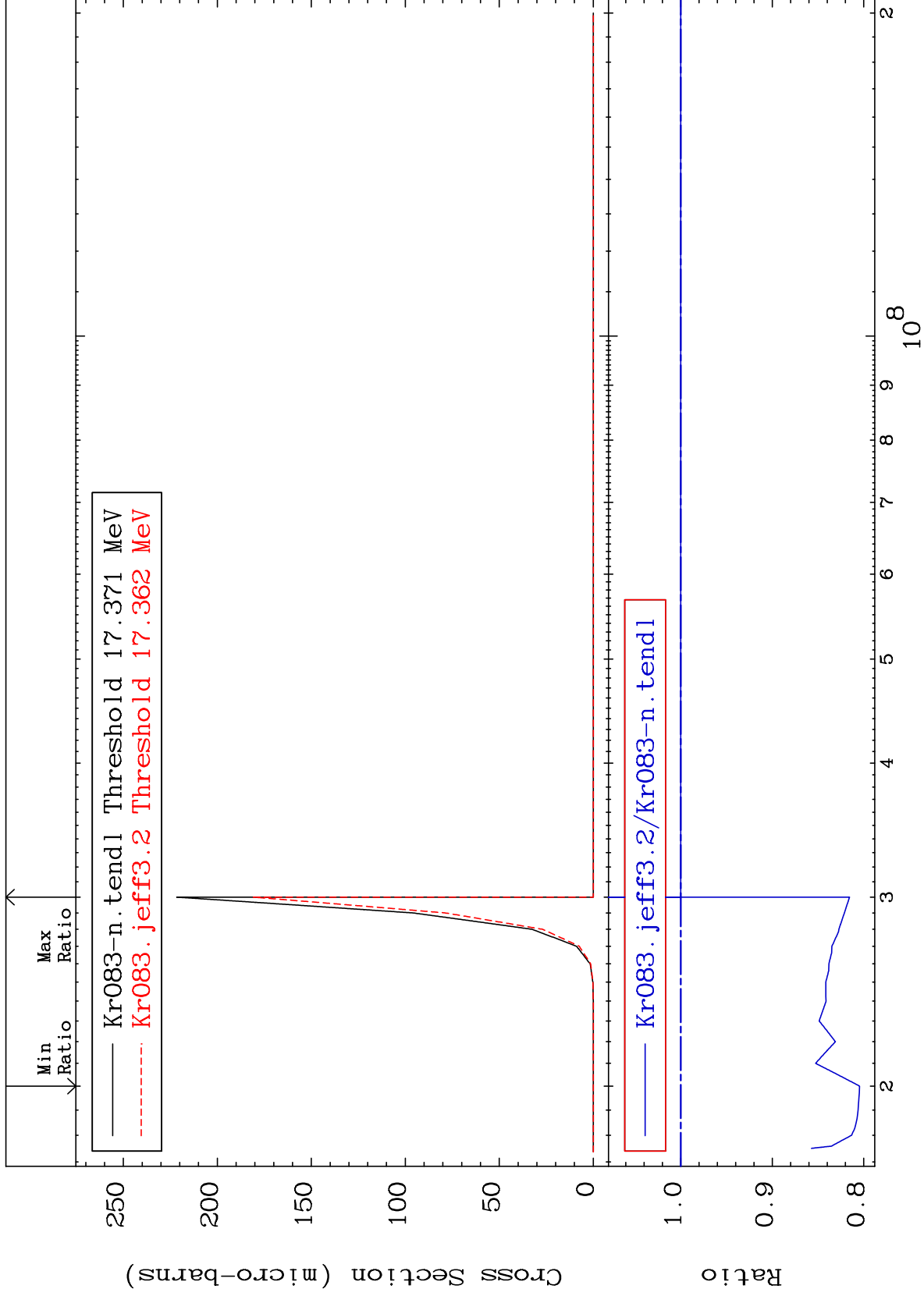
<sup>36</sup>Kr-83  
-15.02 To 40.48 %



MAT 3640

(n, n') He-3  
Cross Section

36-Kr-83  
-19.54 To 0.000 %

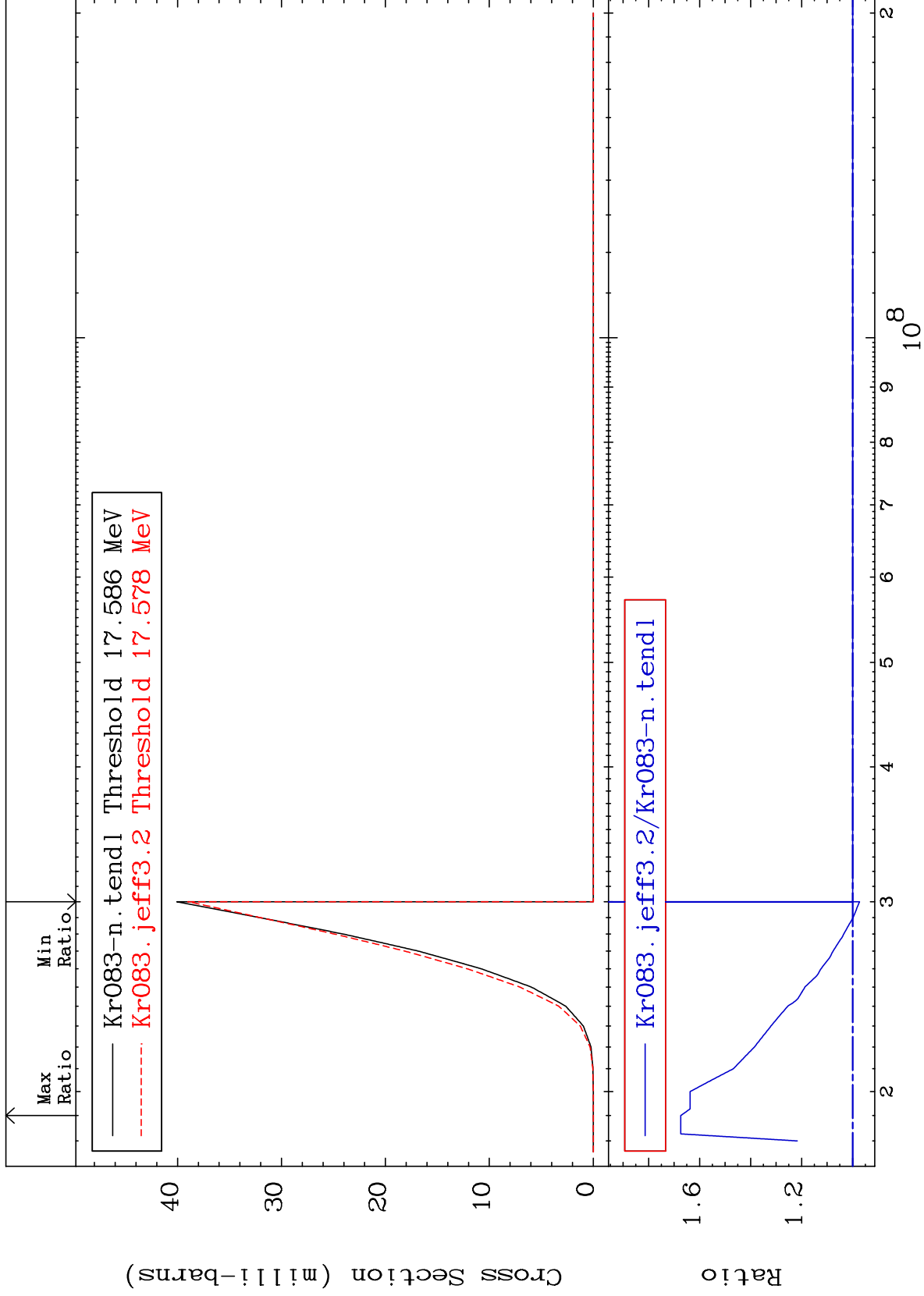


14

Incident Energy (eV)

36-Kr-83



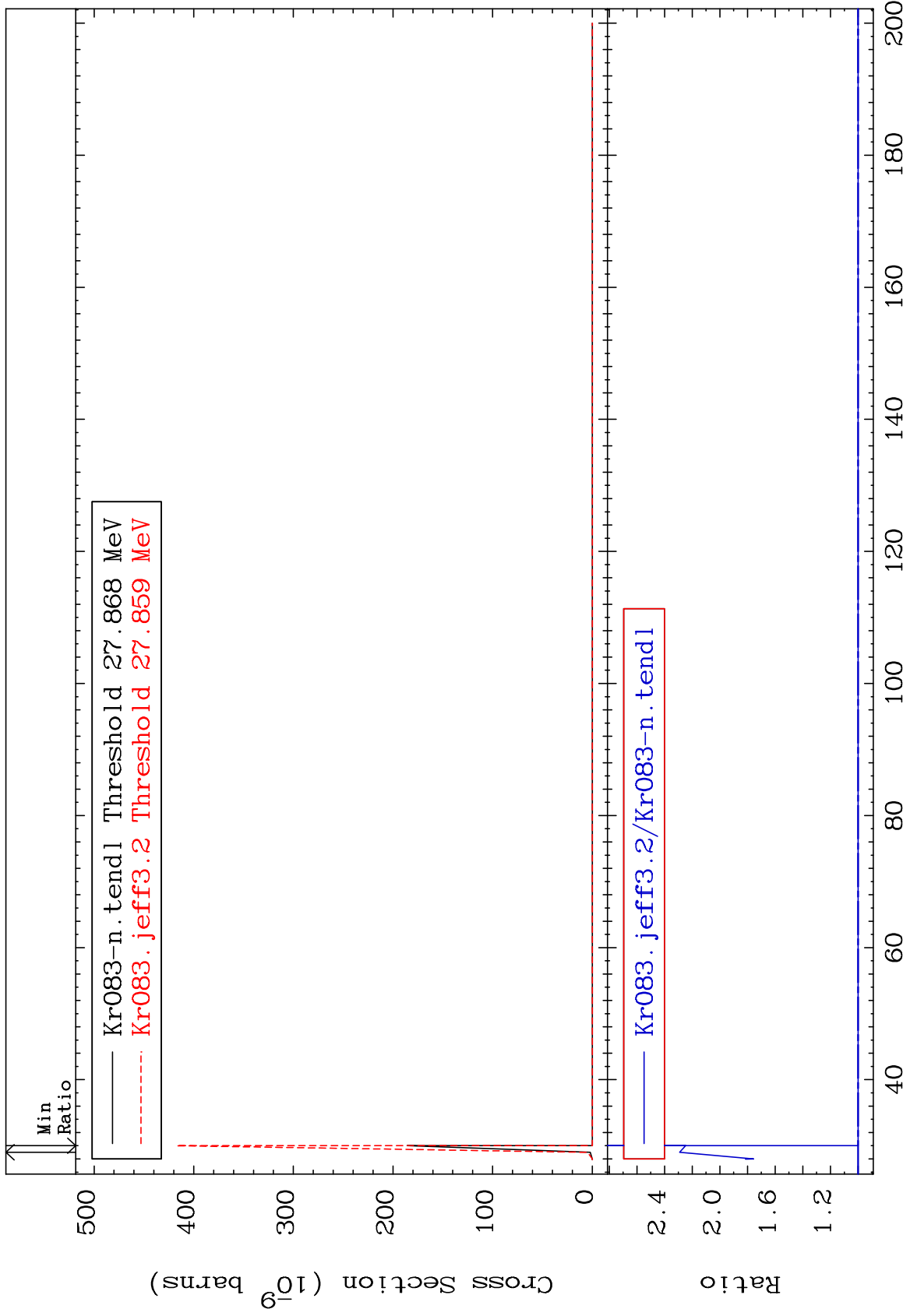




MAT 3640

(n,3n) p  
Cross Section

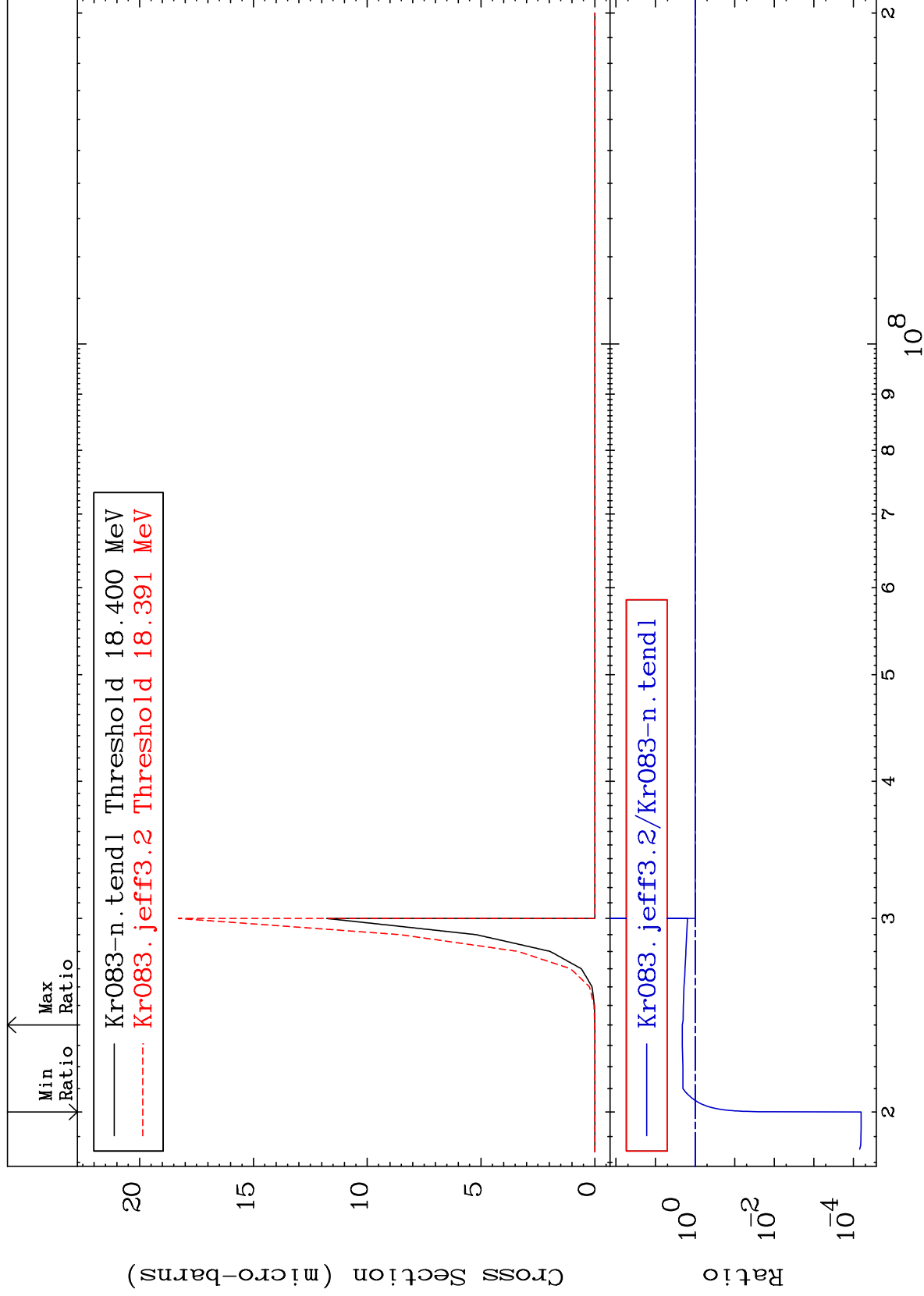
<sup>36</sup>Kr-83  
0.000 To 129.1 %

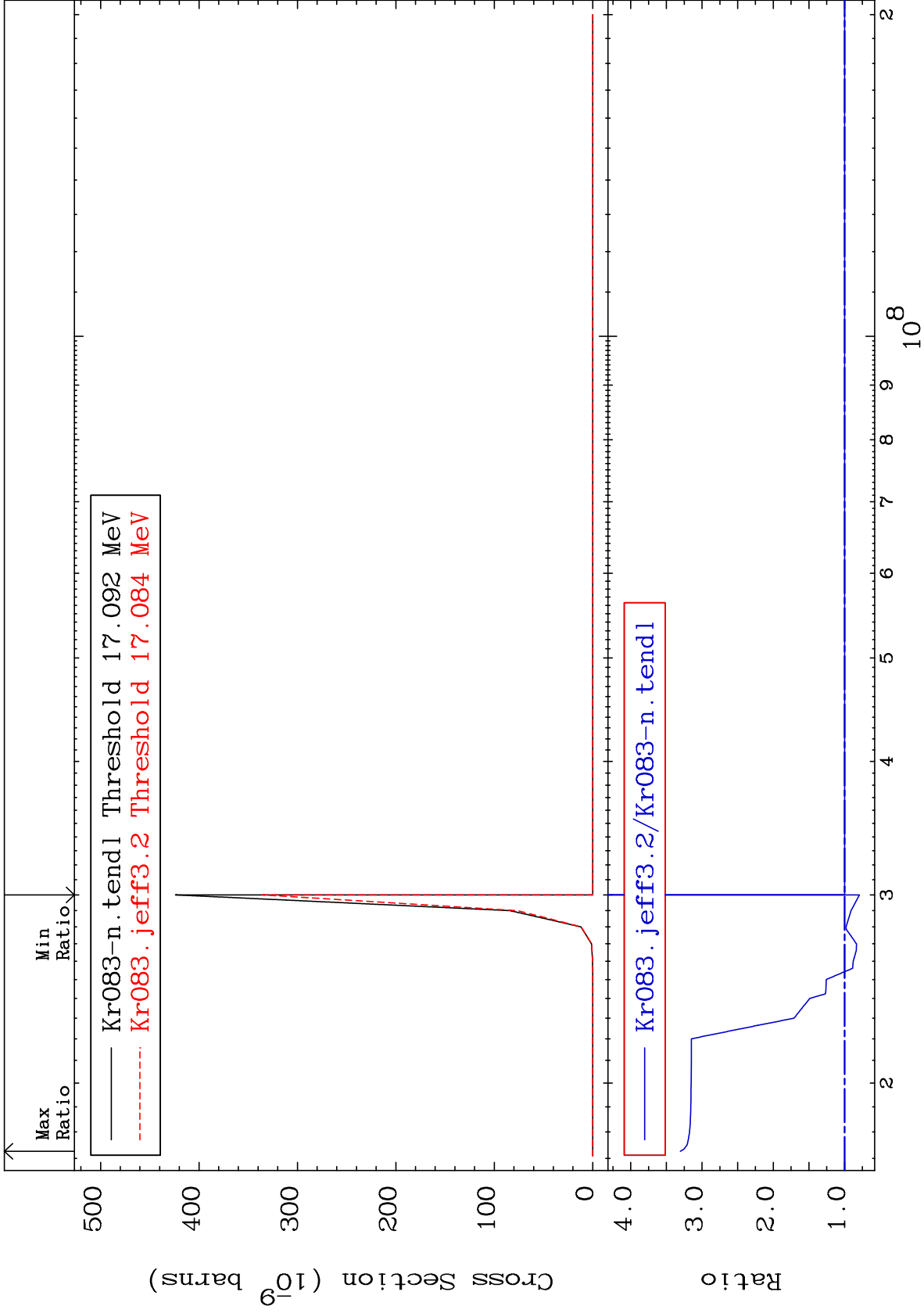


MAT 3640

(n,2n) p  
Cross Section

<sup>36</sup>Kr-83  
-99.99 To 110.4 %

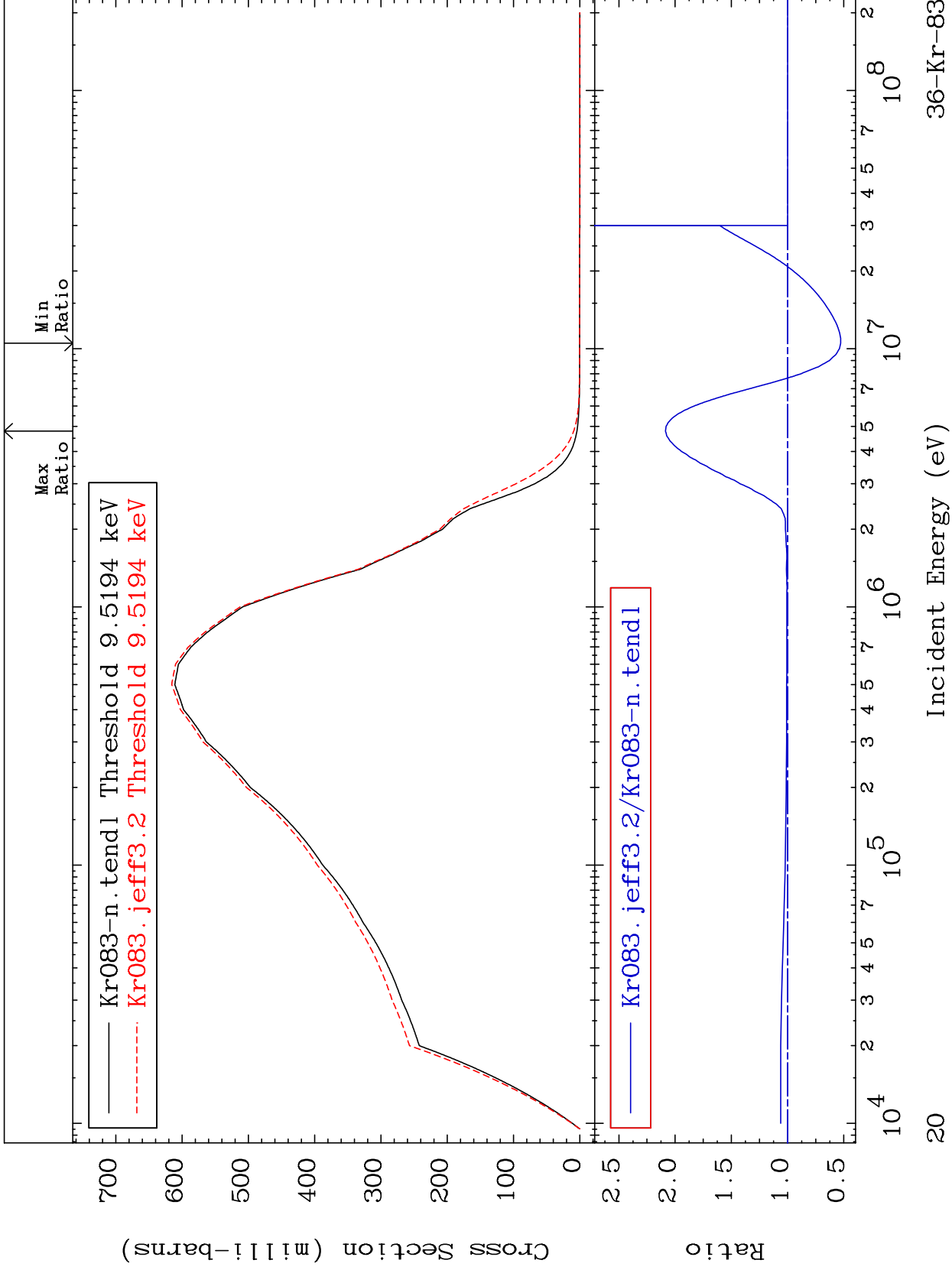




MAT 3640

9.405 keV (n,n') Level  
Cross Section

36-Kr-83  
-47.21 To 108.5 %



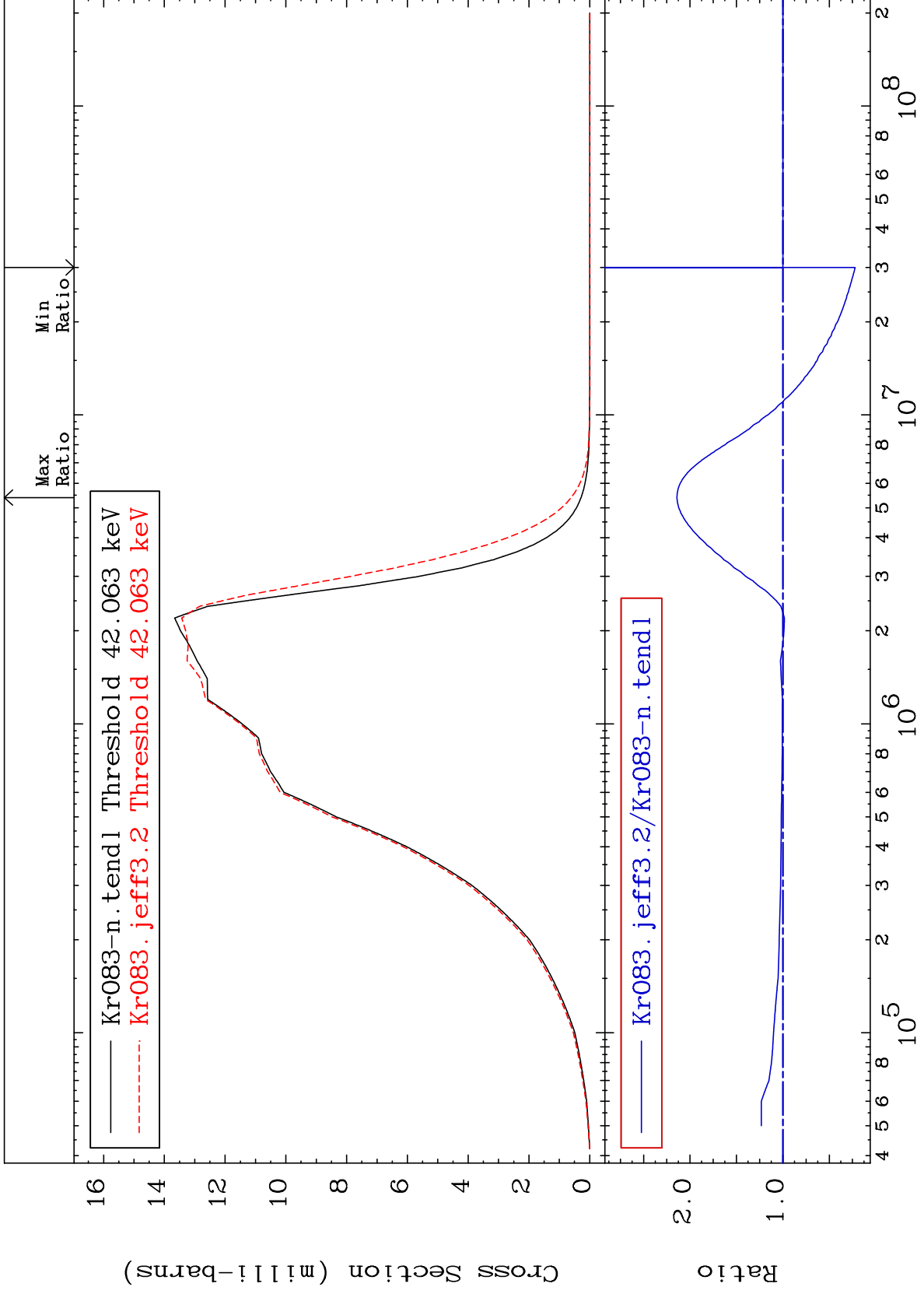
Incident Energy (eV)

36-Kr-83

MAT 3640

41.56 keV (n,n') Level  
Cross Section

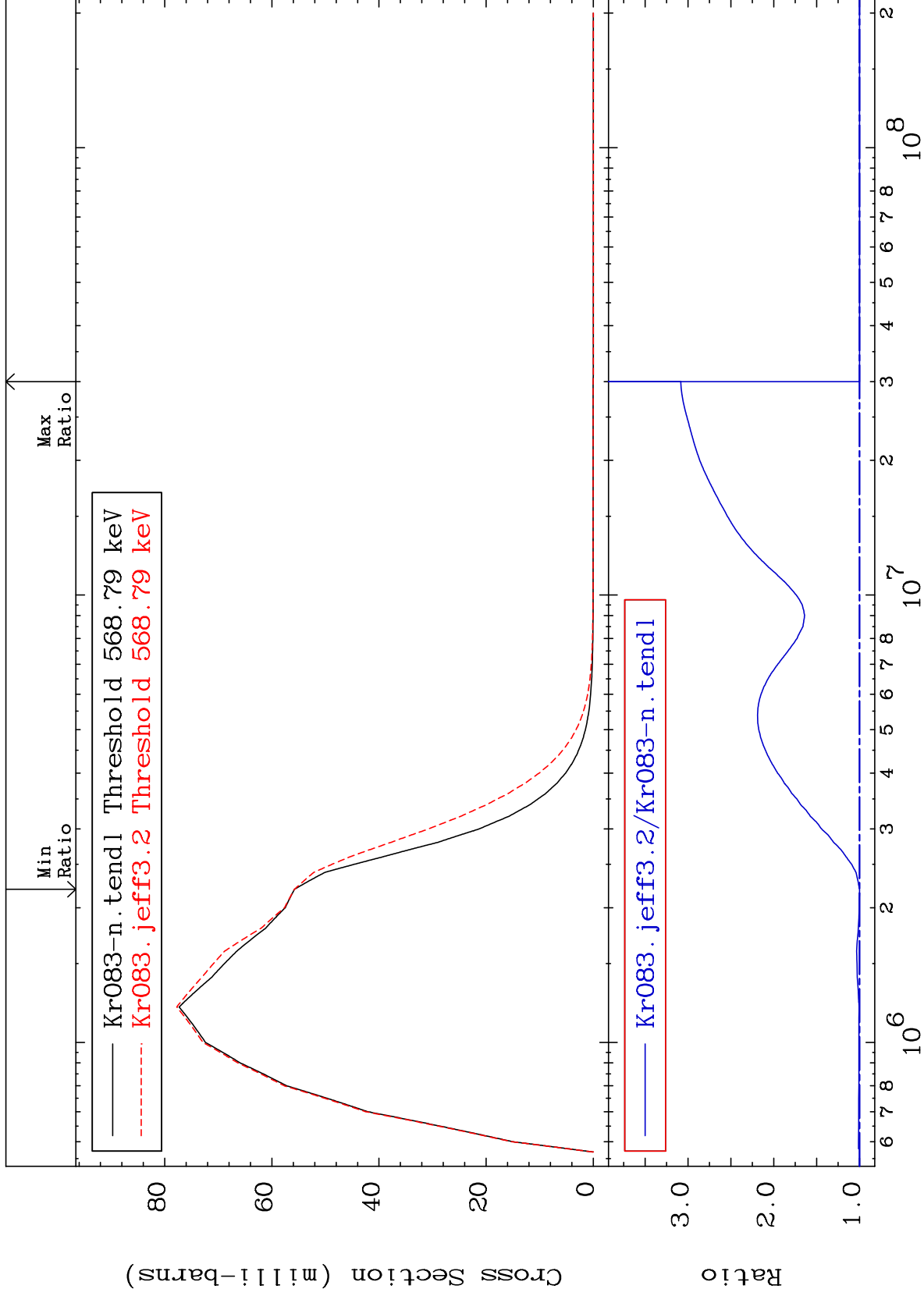
36-Kr-83  
-77.82 To 114.1 %



MAT 3640

562.0 keV (n,n') Level  
Cross Section

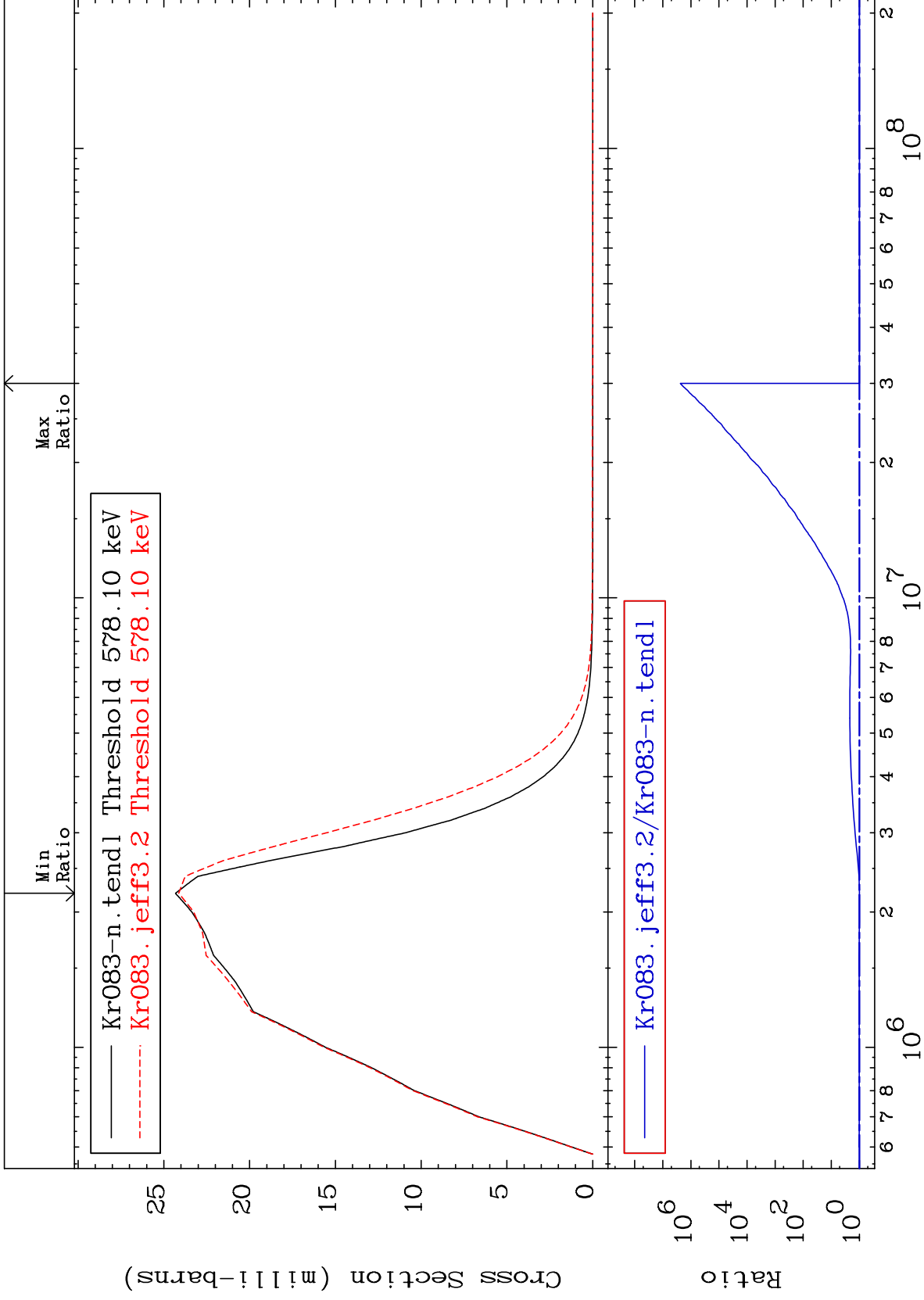
36-Kr-83  
-0.028 To 208.4 %



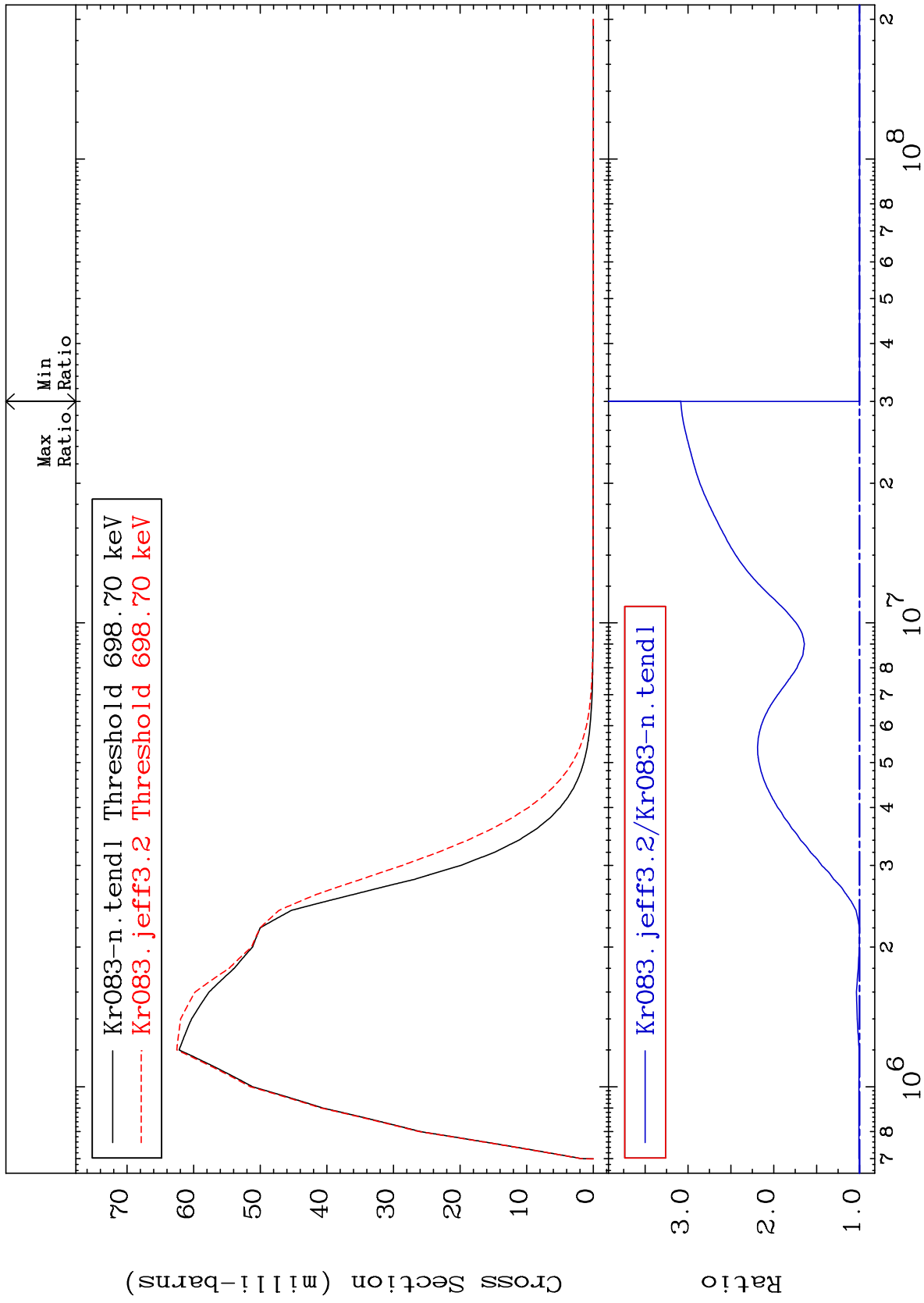
MAT 3640

571.2 keV (n,n') Level  
Cross Section

36-Kr-83  
-0.784 To 9999. %



MAT 3640 690.3 keV (n,n') Level Cross Section 36-Kr-83 To 208.4 %

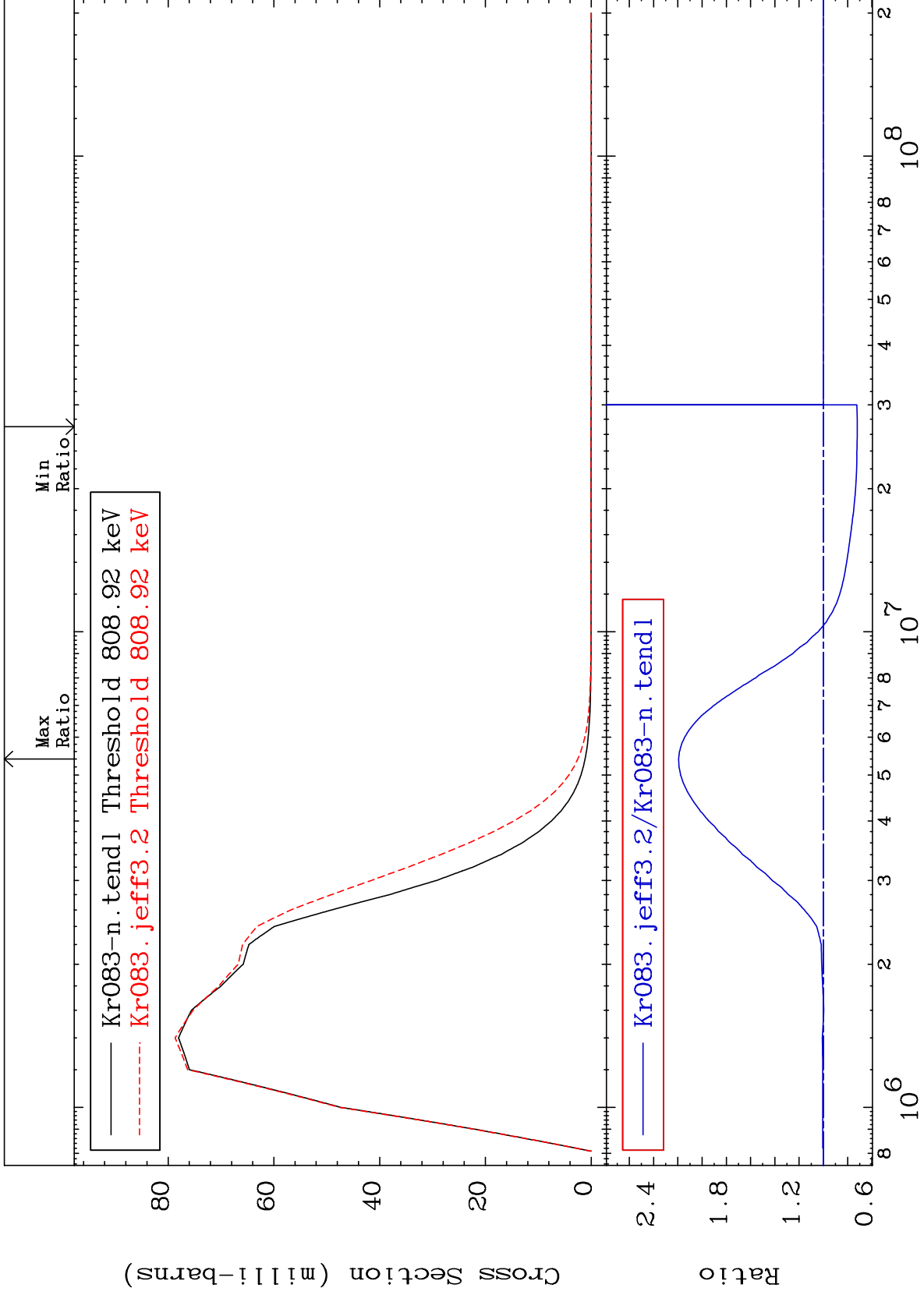




MAT 3640

799.2 keV (n,n') Level  
Cross Section

36-Kr-83  
-27.93 To 119.3 %



25

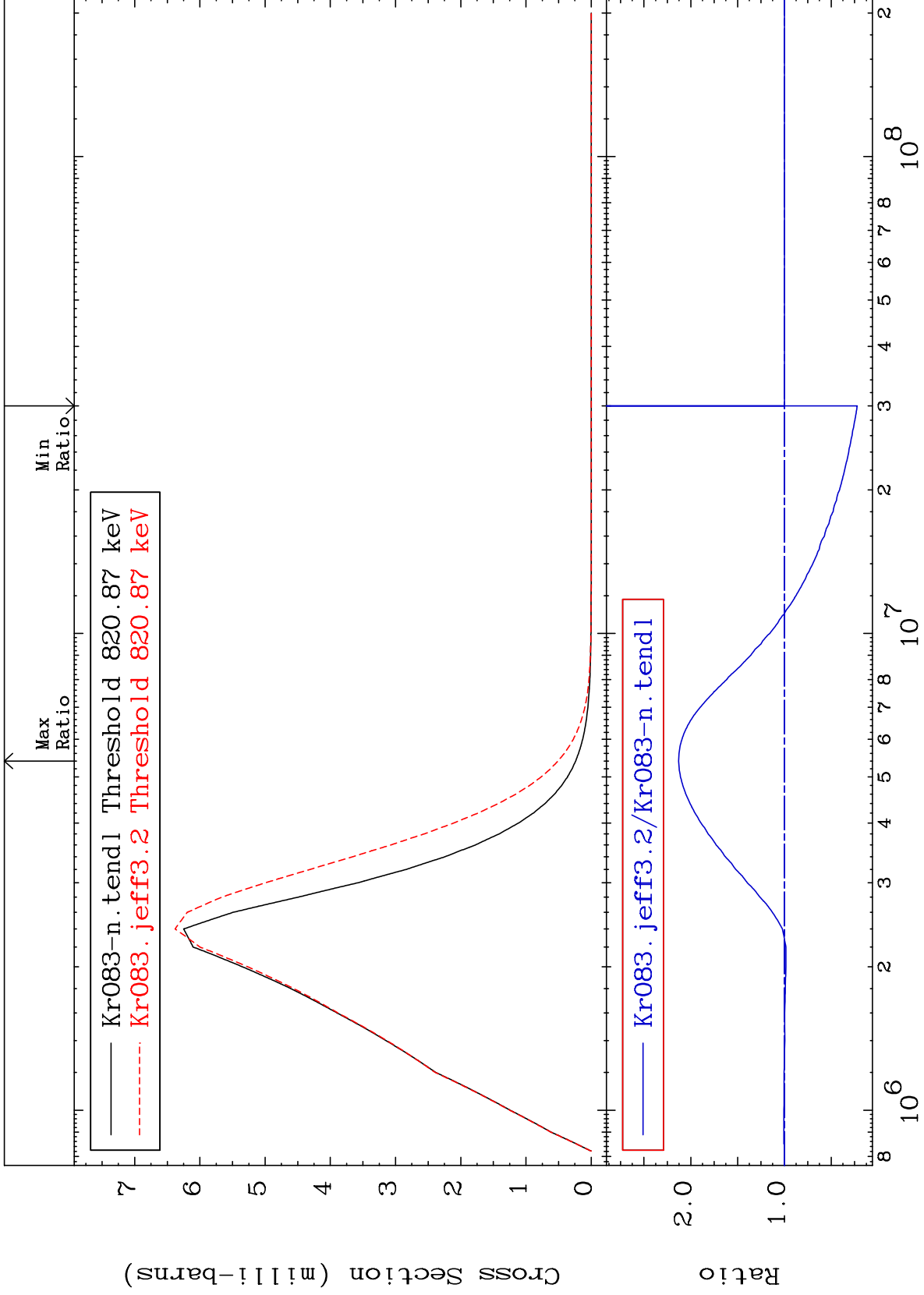
Incident Energy (eV)

36-Kr-83

MAT 3640

811.0 keV (n,n') Level  
Cross Section

36-Kr-83  
-77.84 To 113.0 %



26

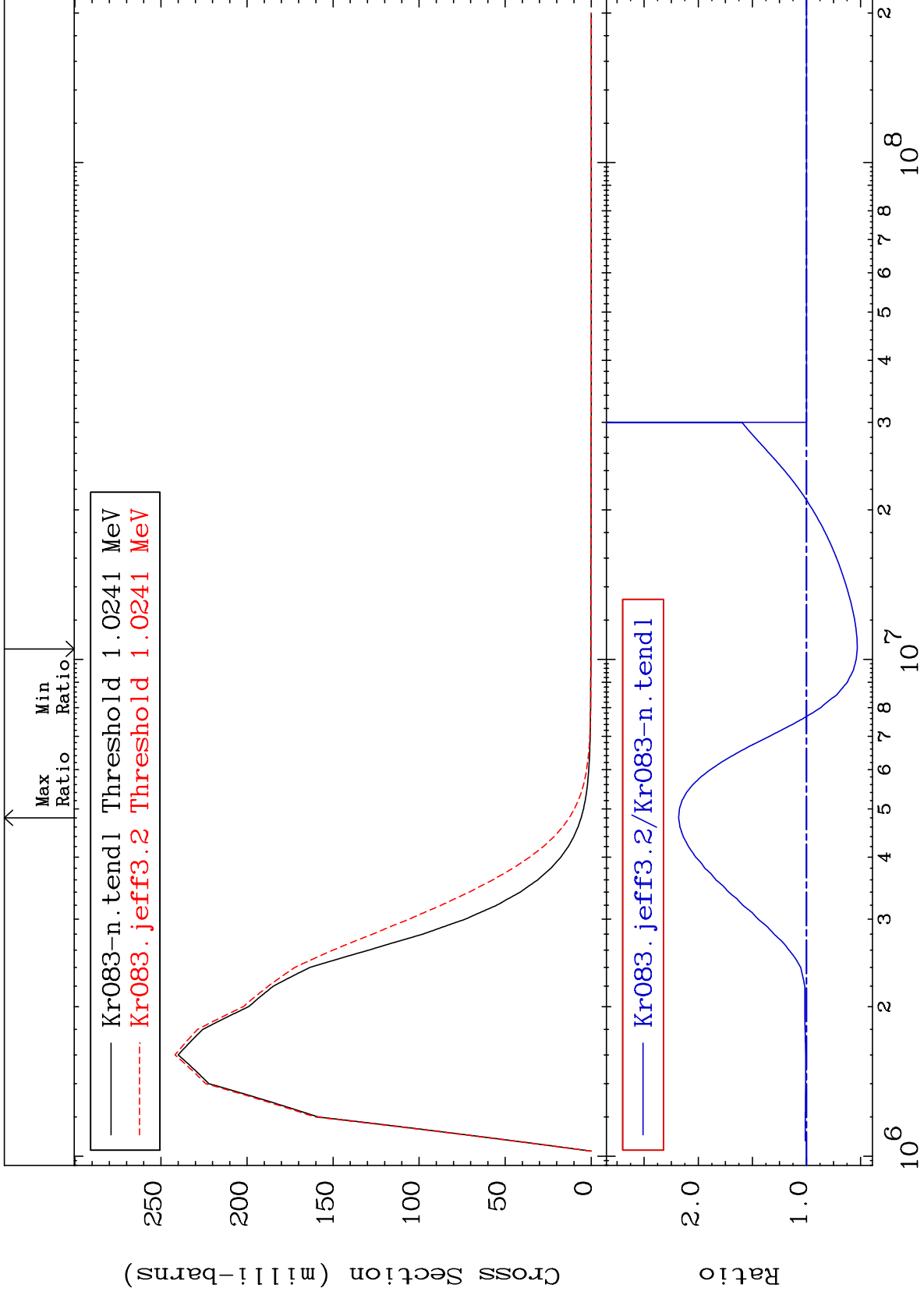
Incident Energy (eV)

36-Kr-83

MAT 3640

1.012 MeV (n,n') Level  
Cross Section

36-Kr-83  
-46.92 To 118.1 %



27

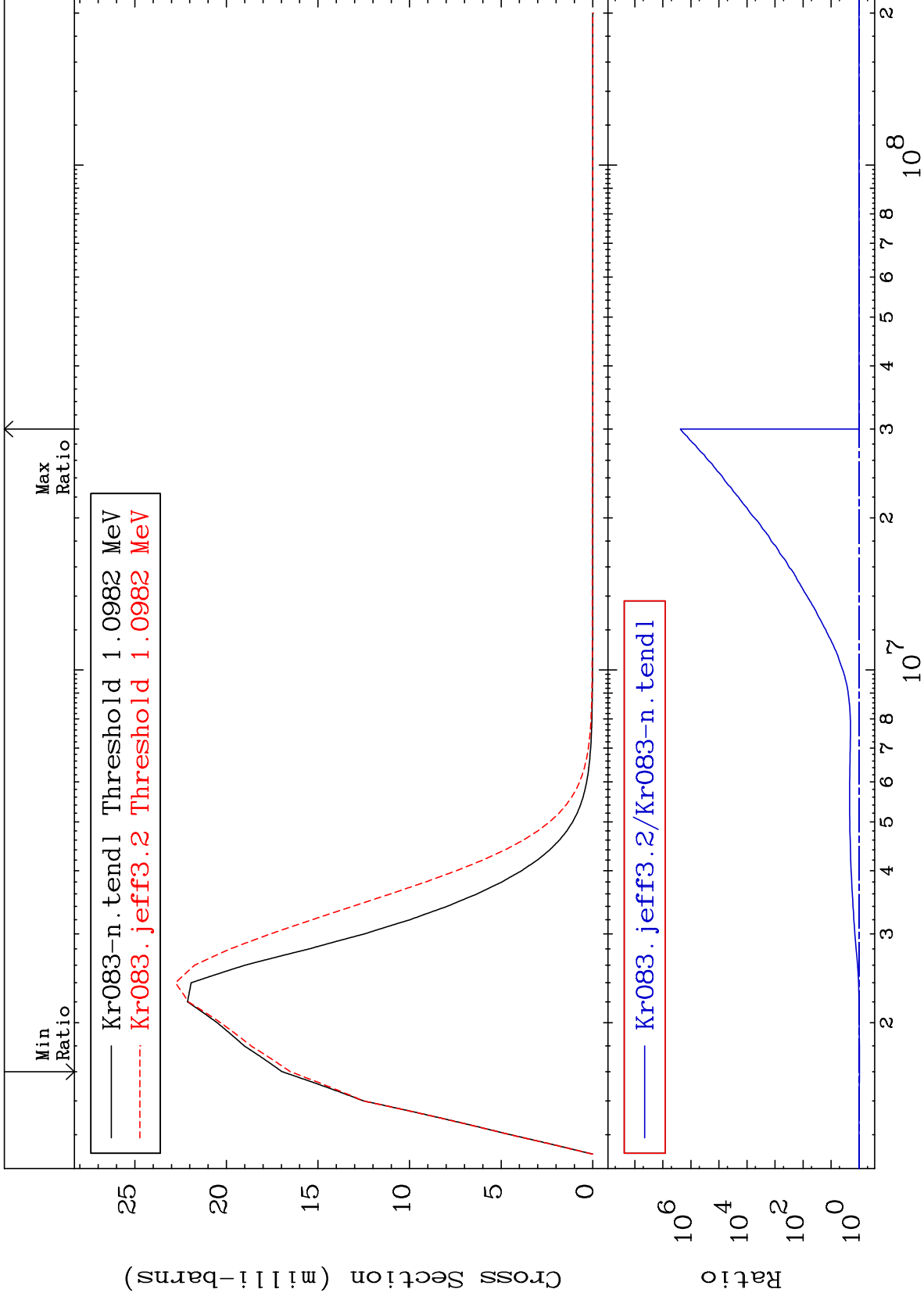
Incident Energy (eV)

36-Kr-83

MAT 3640

1.085 MeV (n,n') Level  
Cross Section

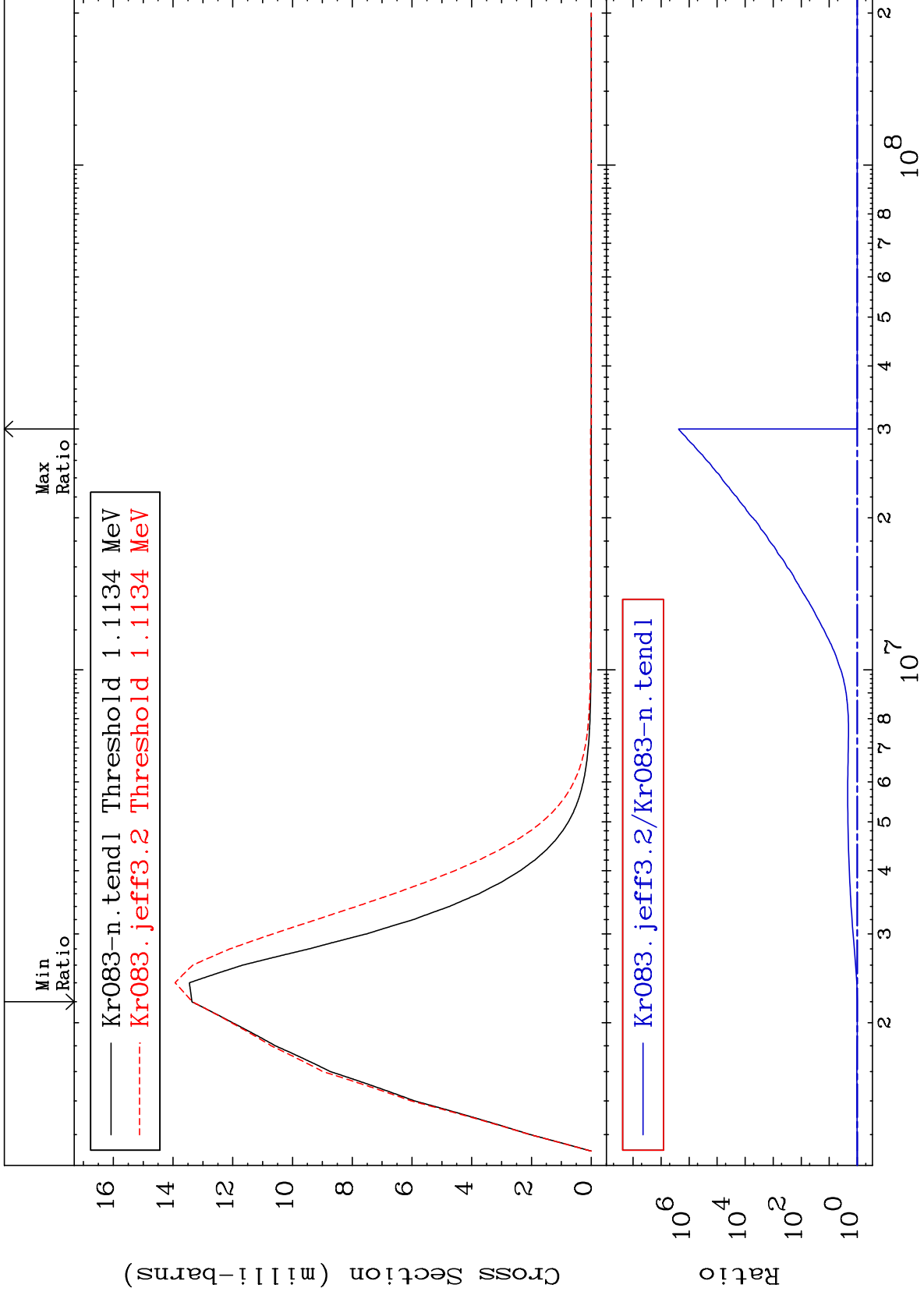
36-Kr-83  
-2.665 To 9999. %



MAT 3640

1.100 MeV (n,n') Level  
Cross Section

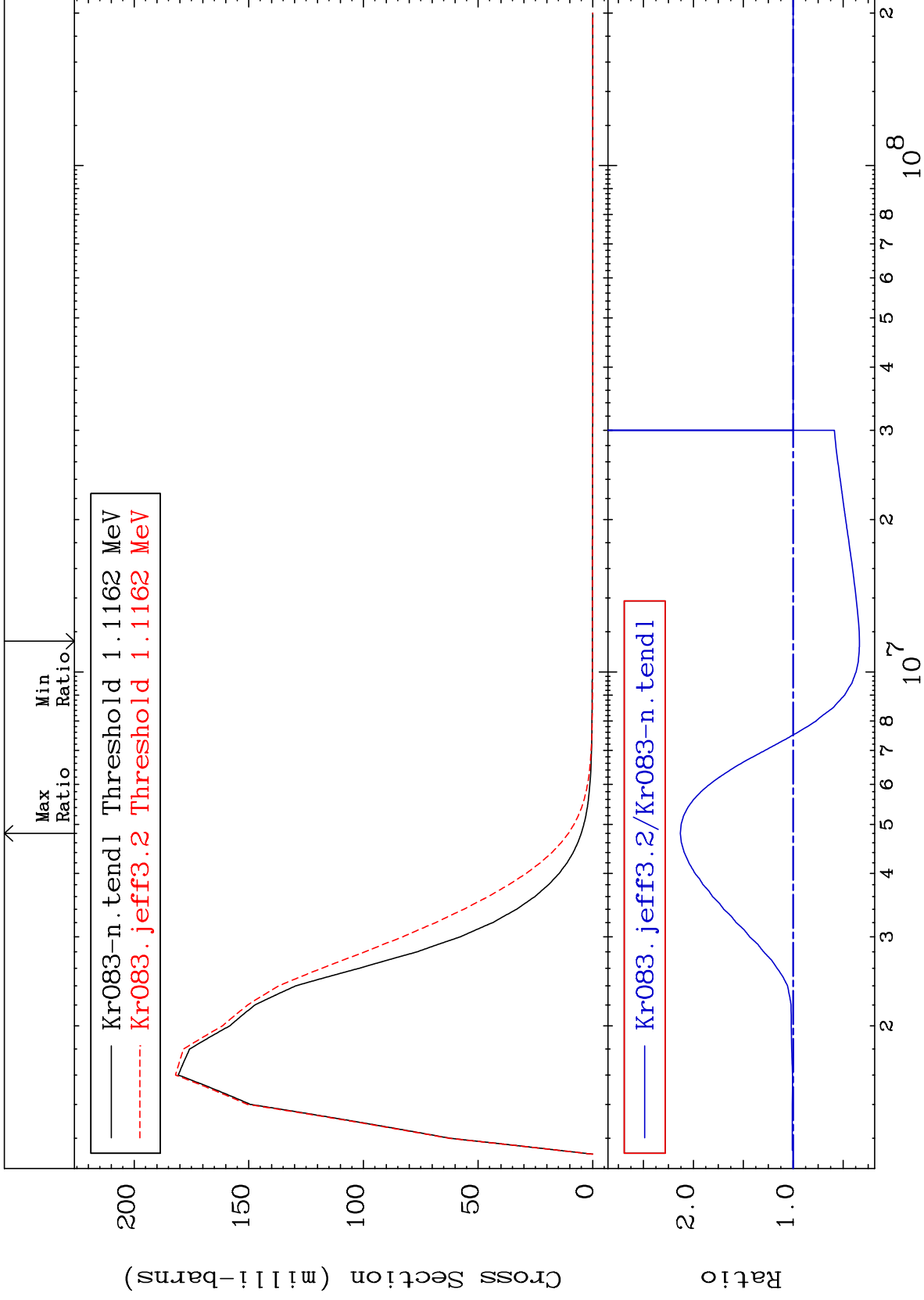
36-Kr-83  
-0.099 To 9999. %



MAT 3640

1.103 MeV (n,n') Level  
Cross Section

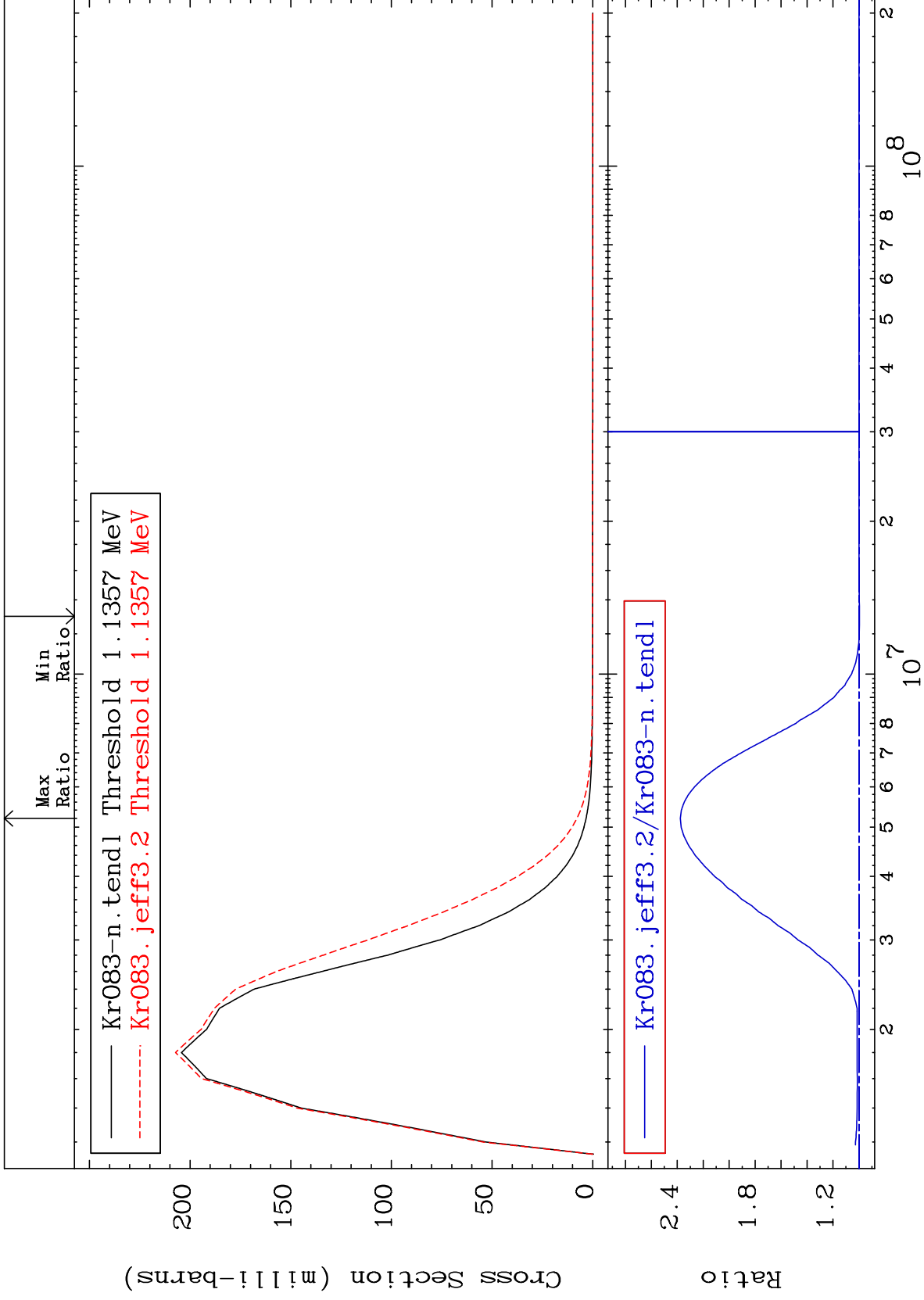
36-Kr-83  
-66.32 To 113.0 %



30

Incident Energy (eV)

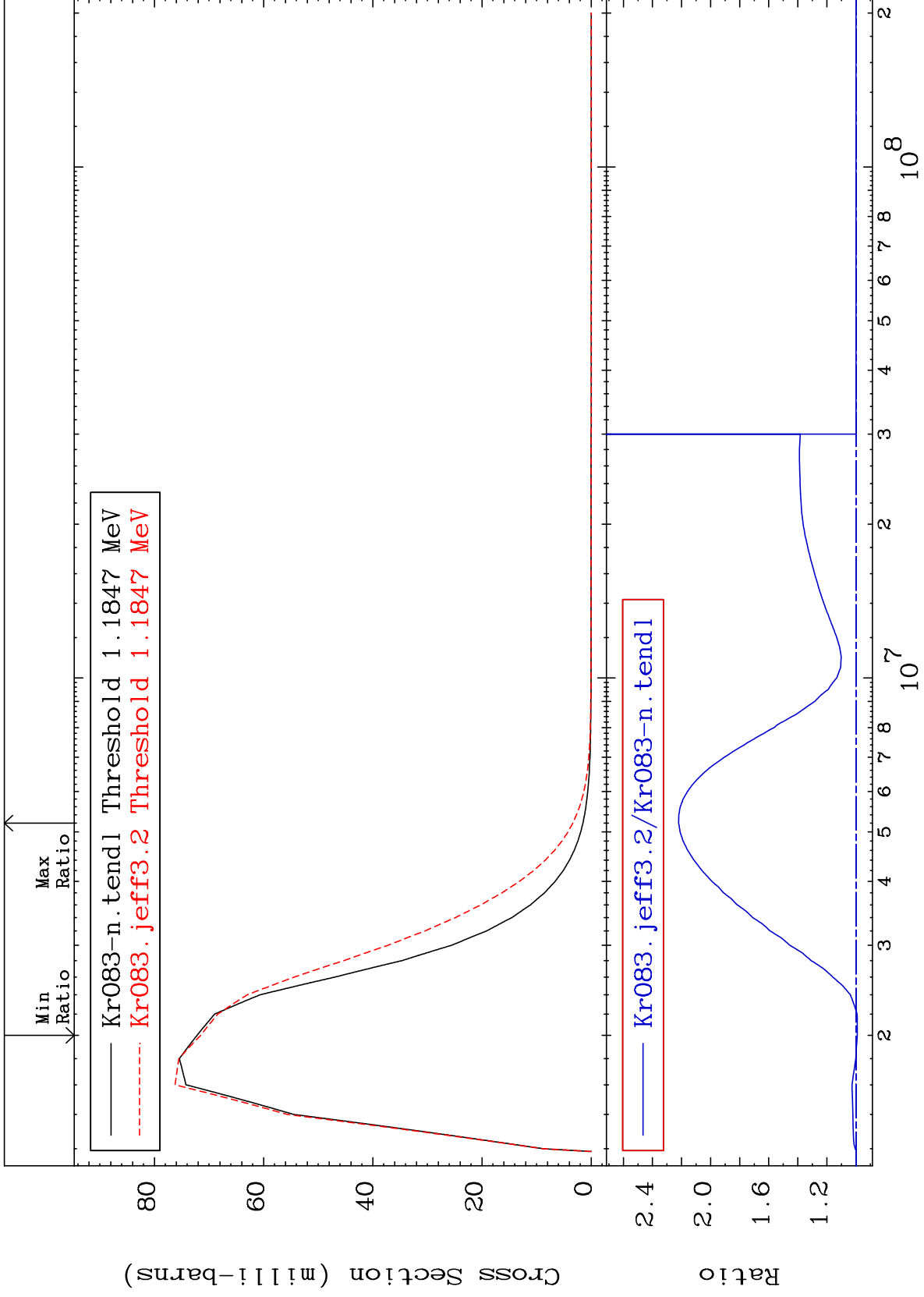
36-Kr-83



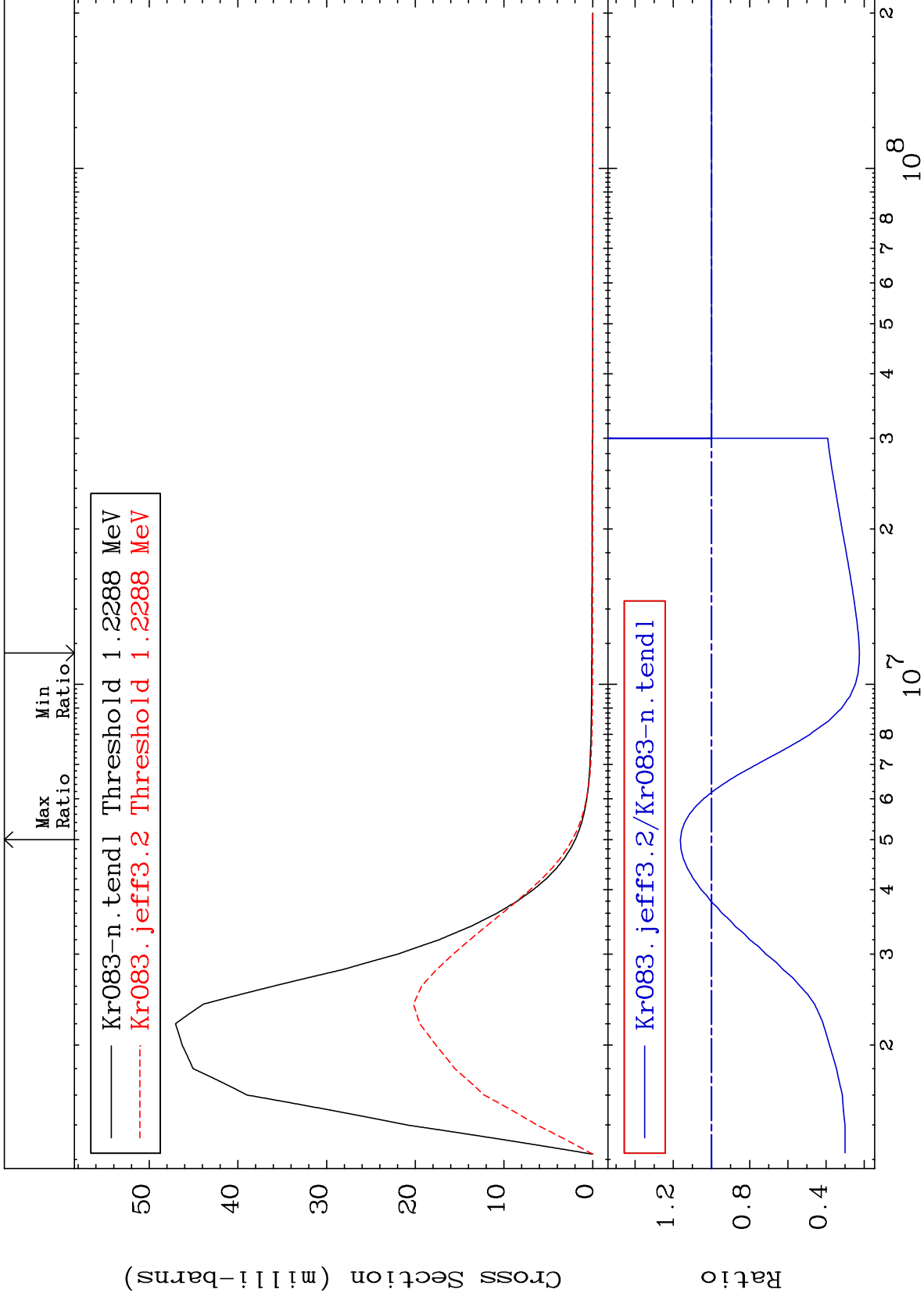
MAT 3640

1.170 MeV (n,n') Level  
Cross Section

36-Kr-83  
-0.922 To 122.0 %





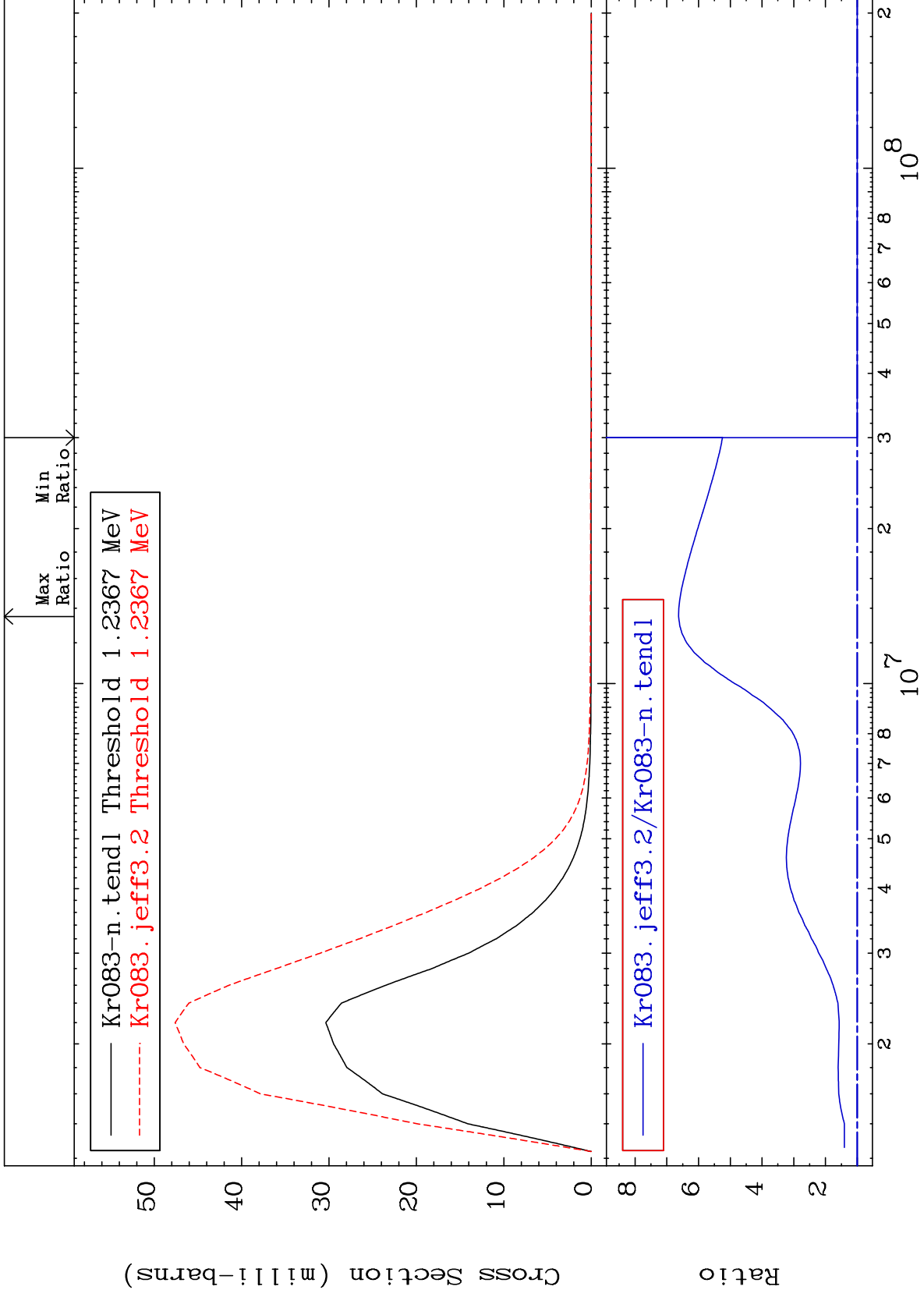


MAT 3640

1.222 MeV (n,n') Level

36-Kr-83

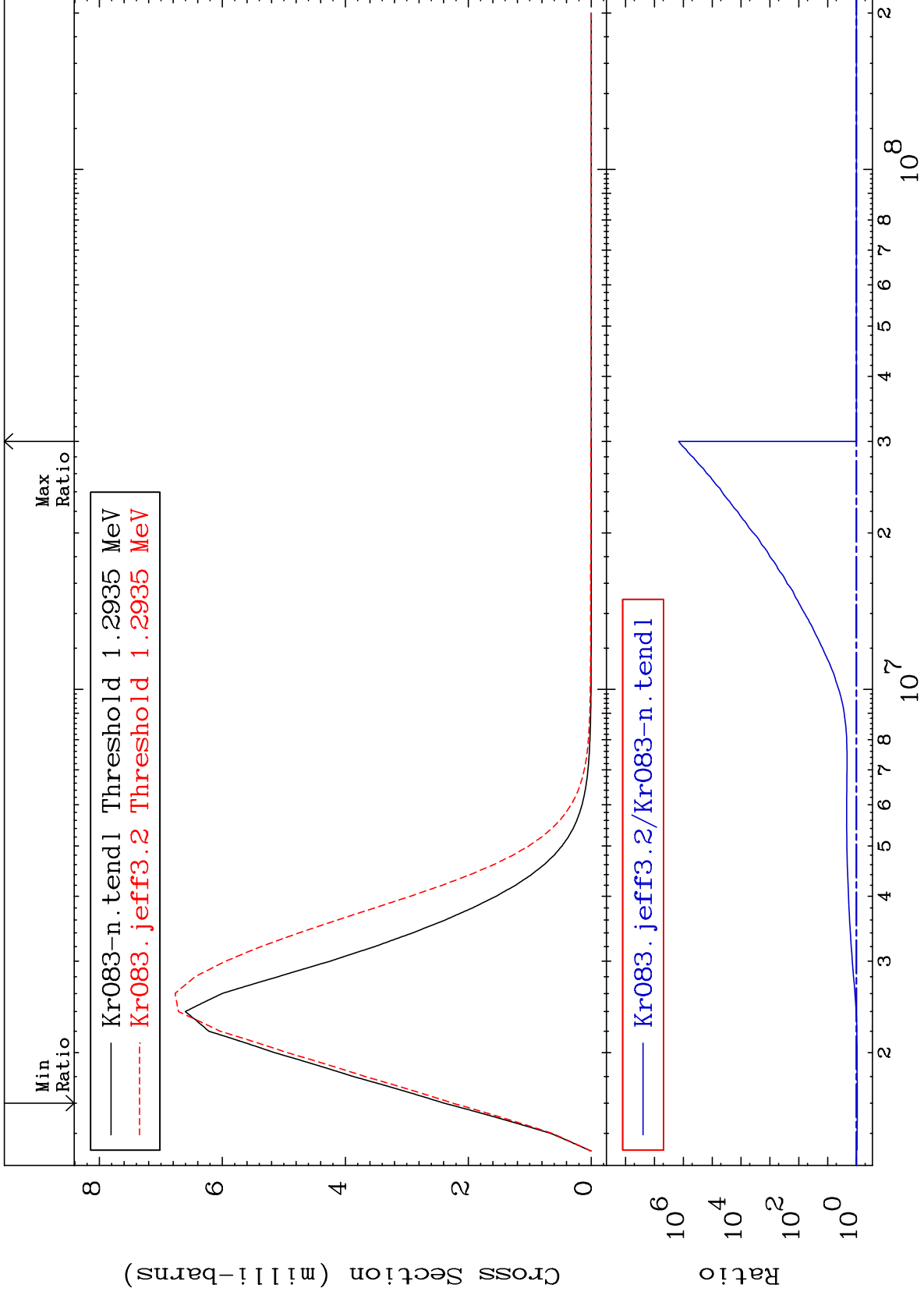
0.000 To 562.7 %



MAT 3640

1.278 MeV (n,n') Level  
Cross Section

36-Kr-83  
-5.867 To 9999. %

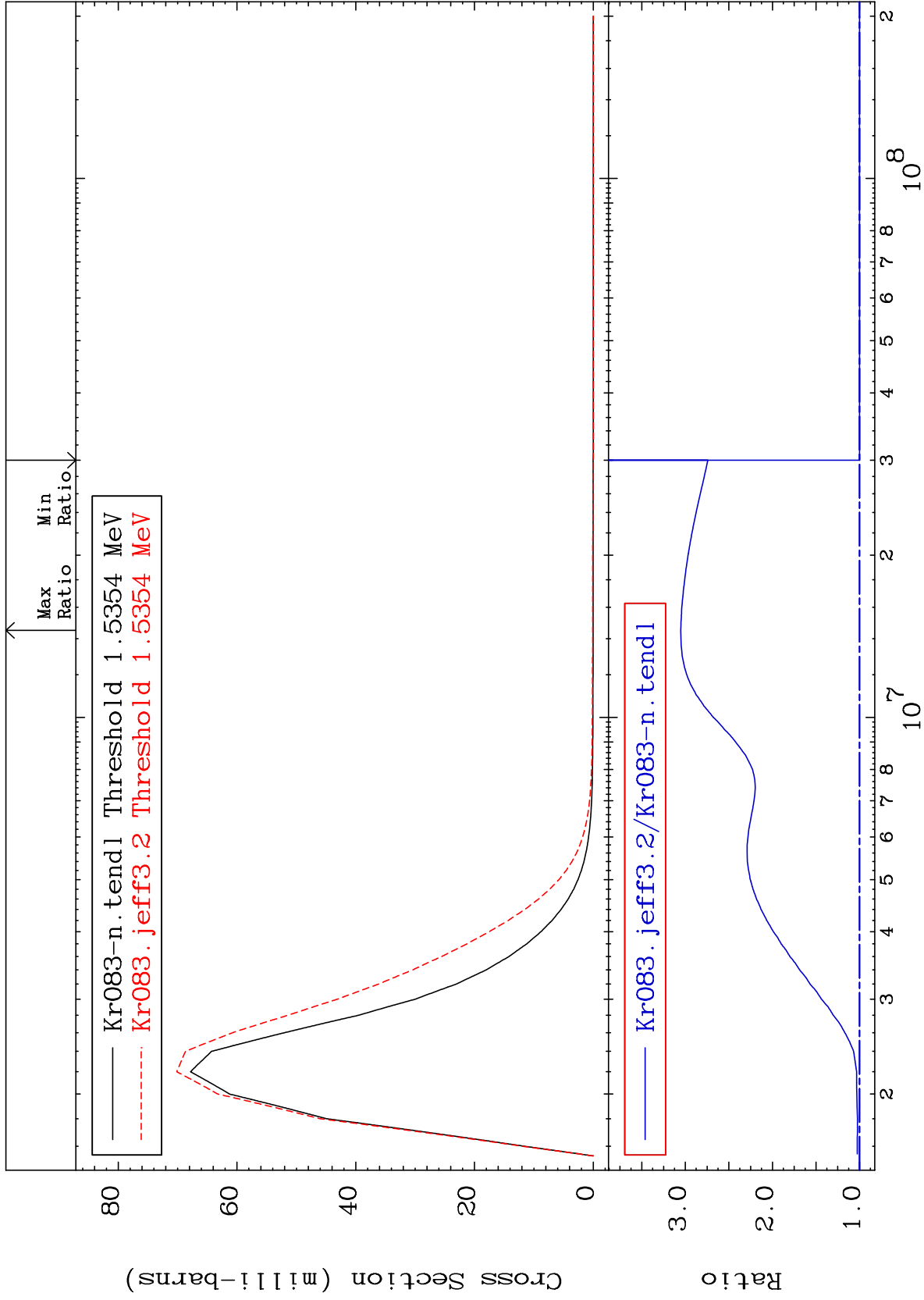


MAT 3640

1.517 MeV (n,n') Level

36-Kr-83

0.000 To 205.3 %



36

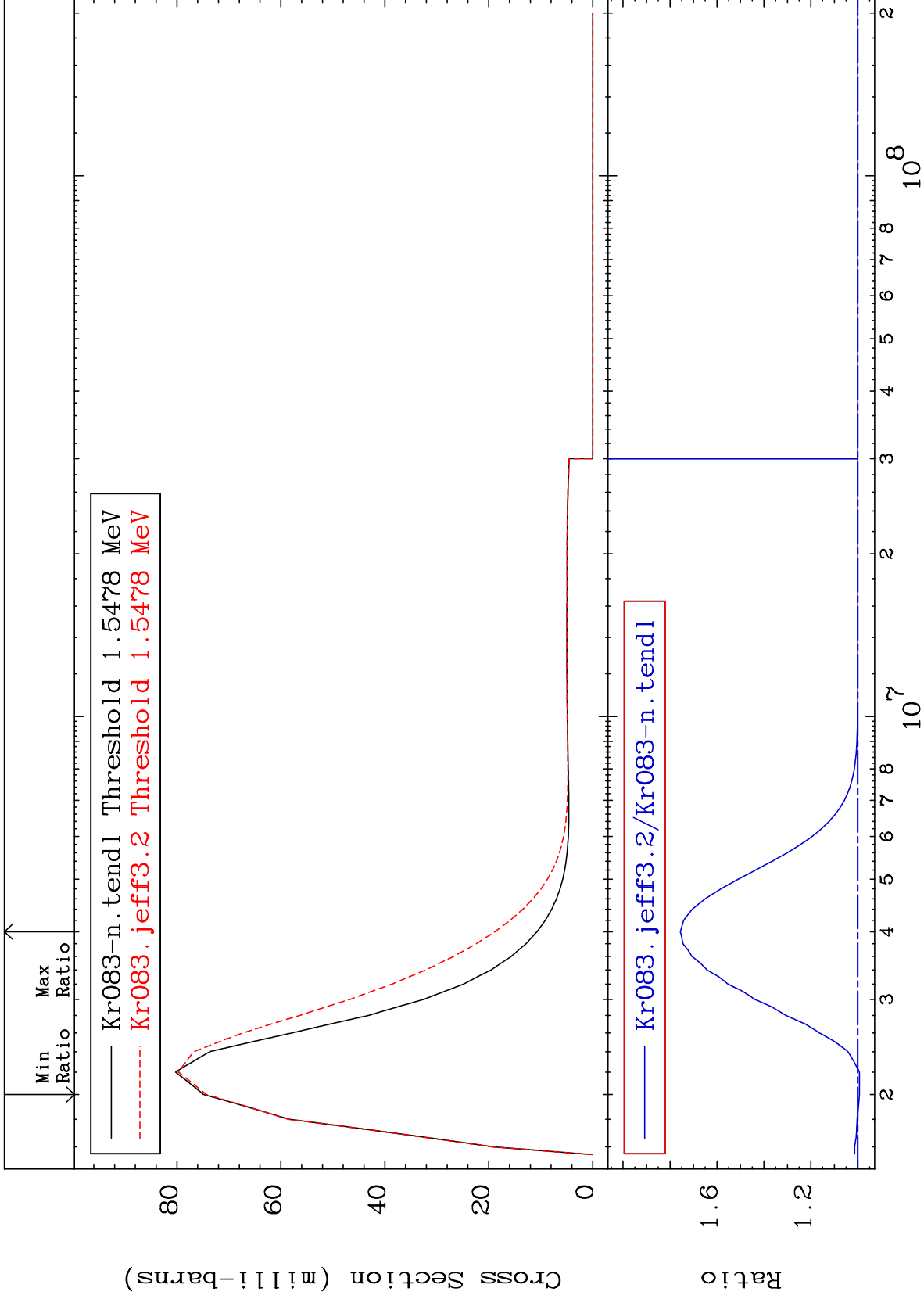
Incident Energy (eV)

36-Kr-83

MAT 3640

1.529 MeV (n,n') Level  
Cross Section

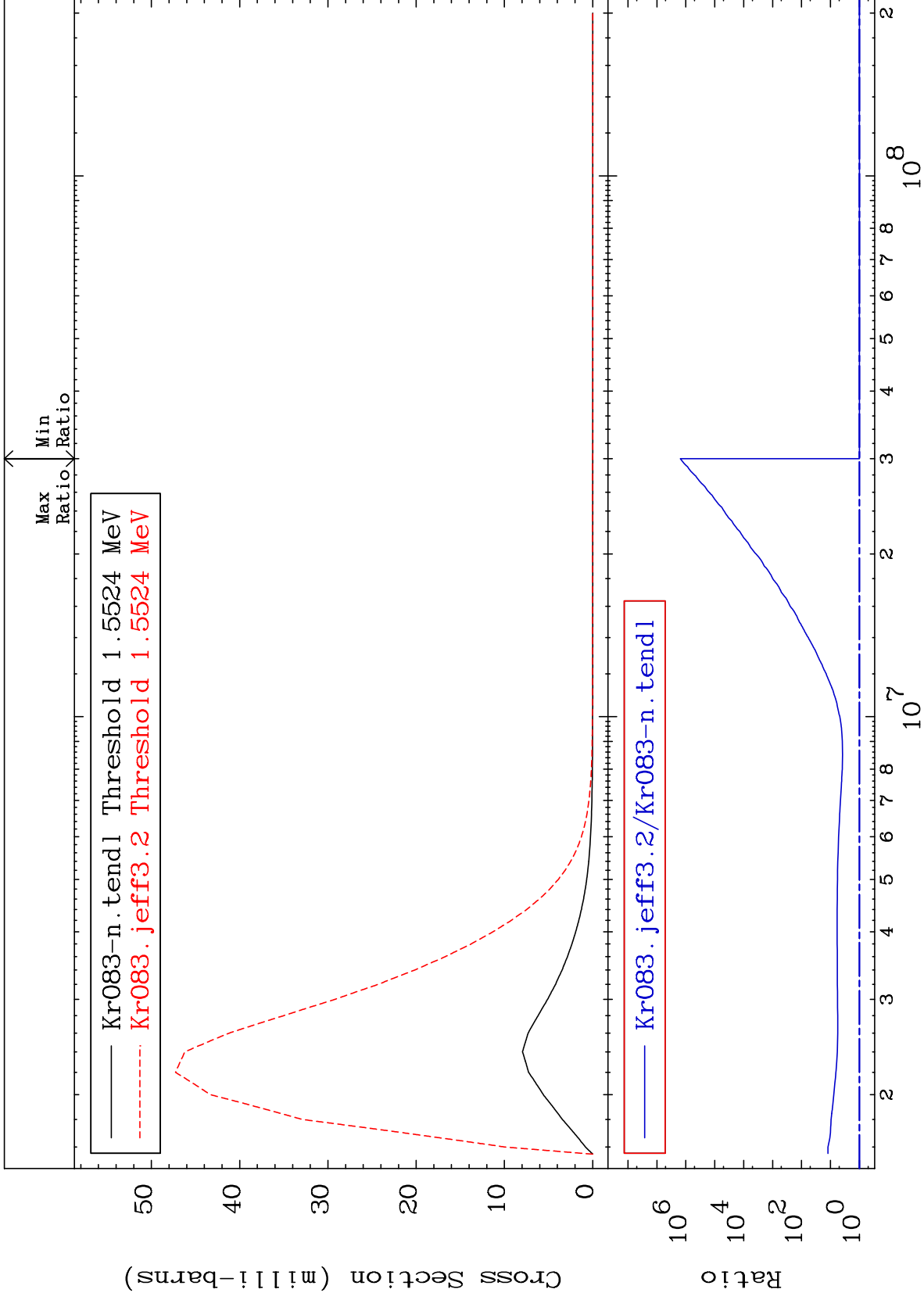
36-Kr-83  
-0.689 To 75.59 %



MAT 3640

1.534 MeV (n,n') Level  
Cross Section

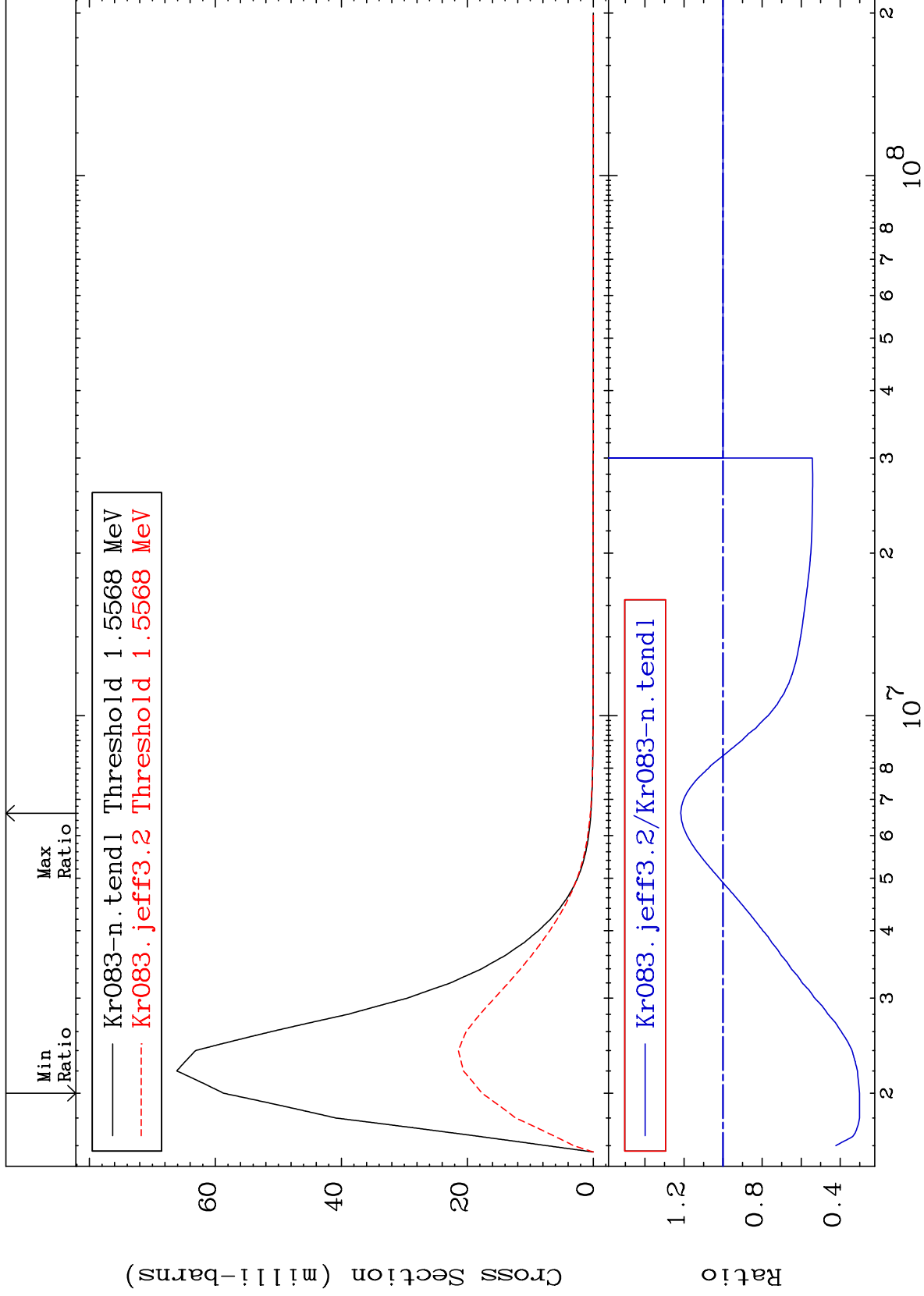
36-Kr-83  
0.000 To 9999. %



MAT 3640

1.538 MeV (n,n') Level  
Cross Section

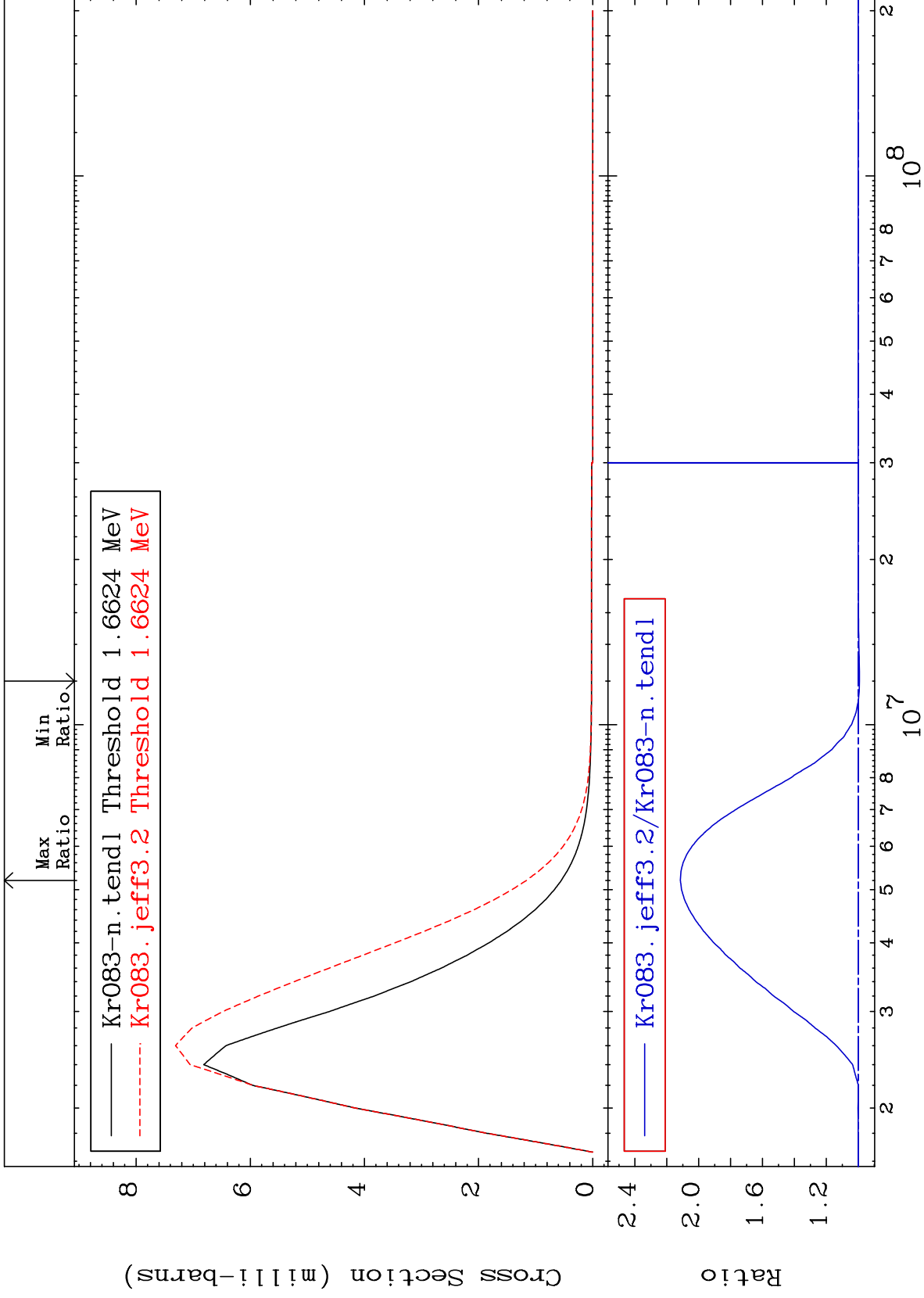
36-Kr-83  
-69.89 To 21.66 %



MAT 3640

1.642 MeV (n,n') Level  
Cross Section

36-Kr-83  
-0.752 To 111.5 %

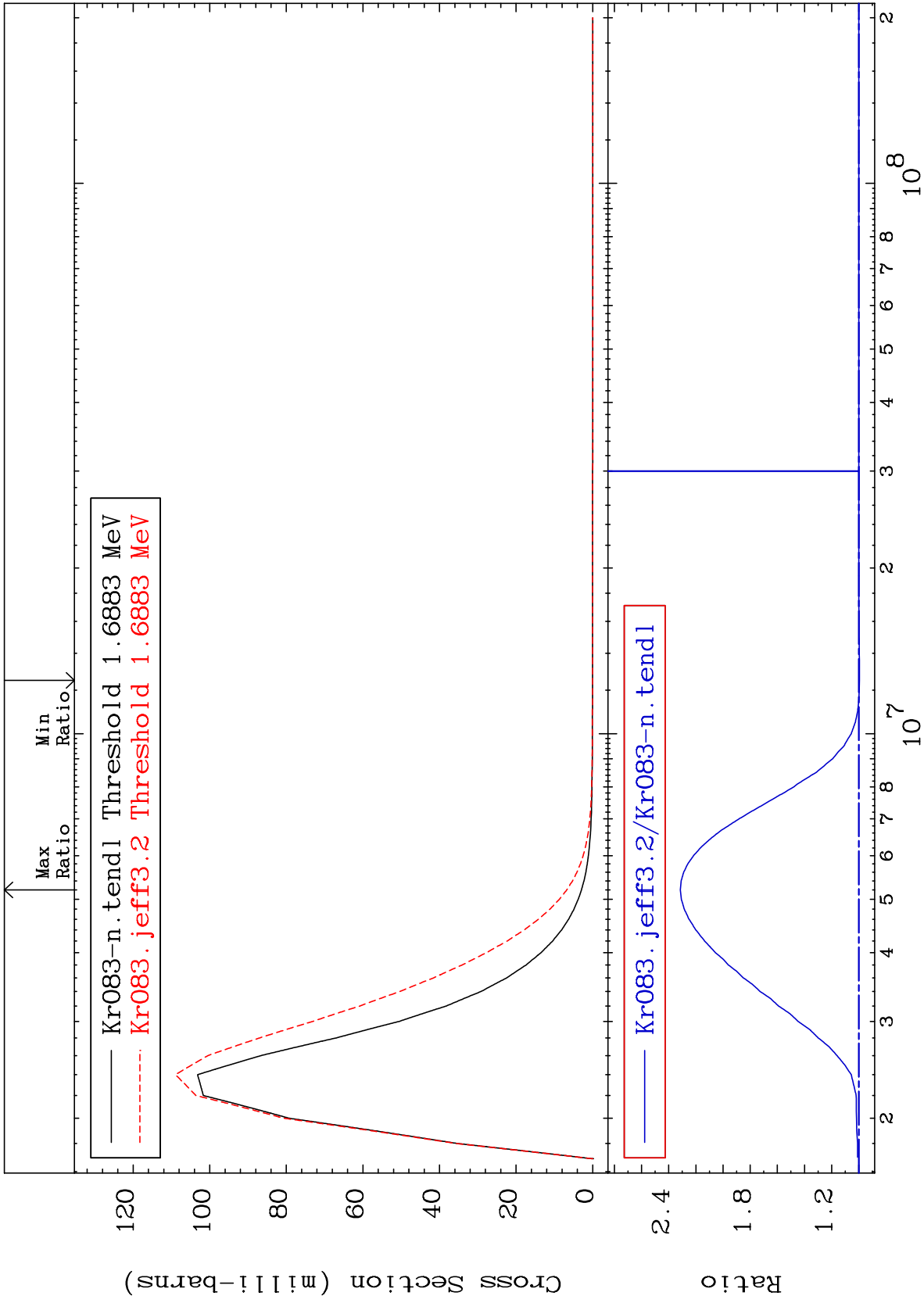


40

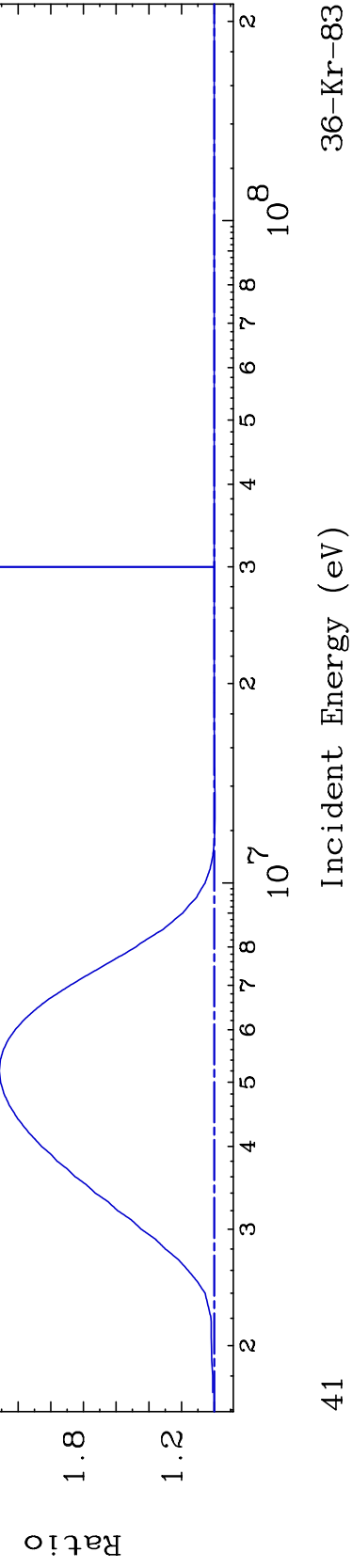
Incident Energy (eV)

36-Kr-83





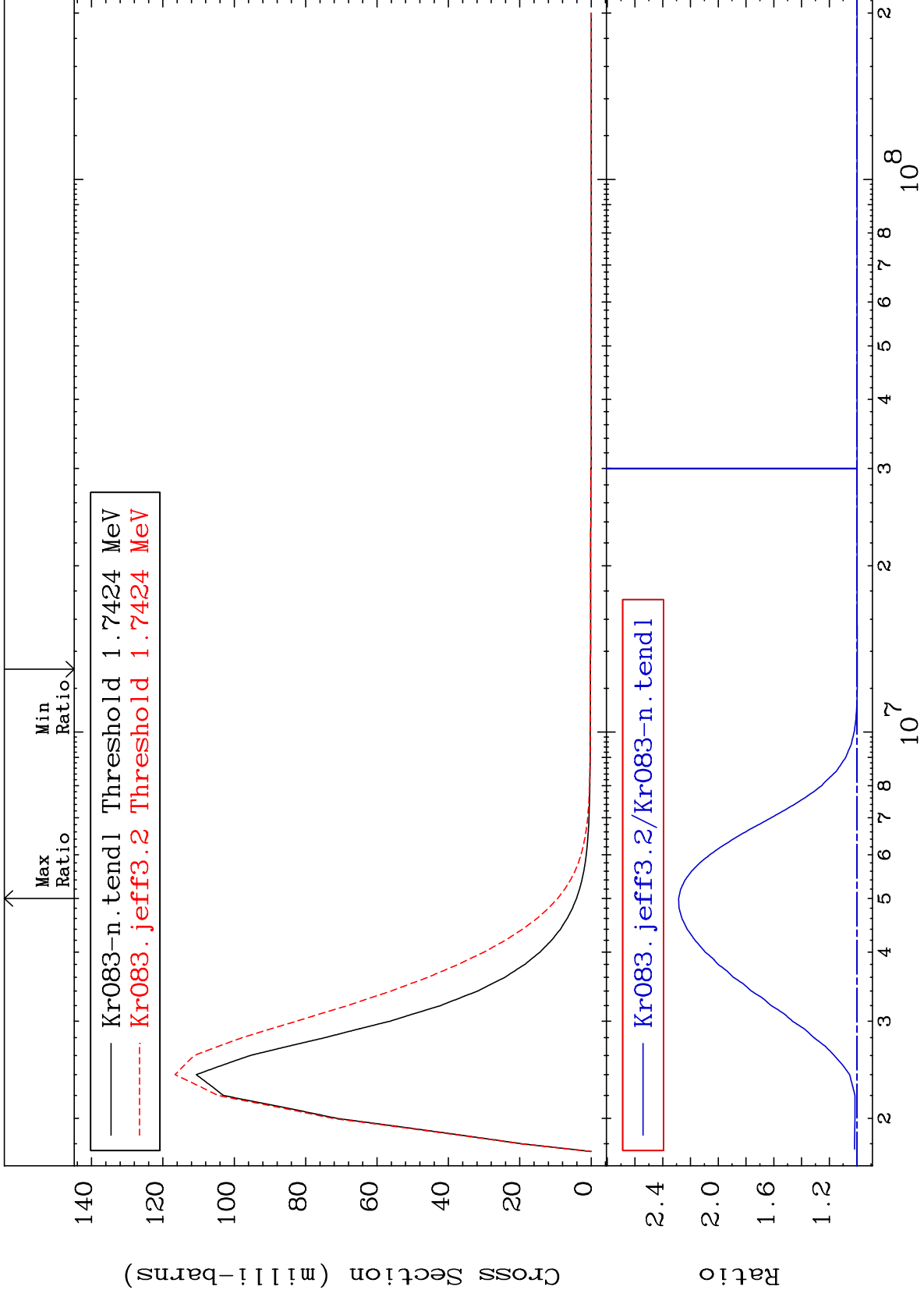
— Kr083.jeff3.2/Kr083-n.tendl

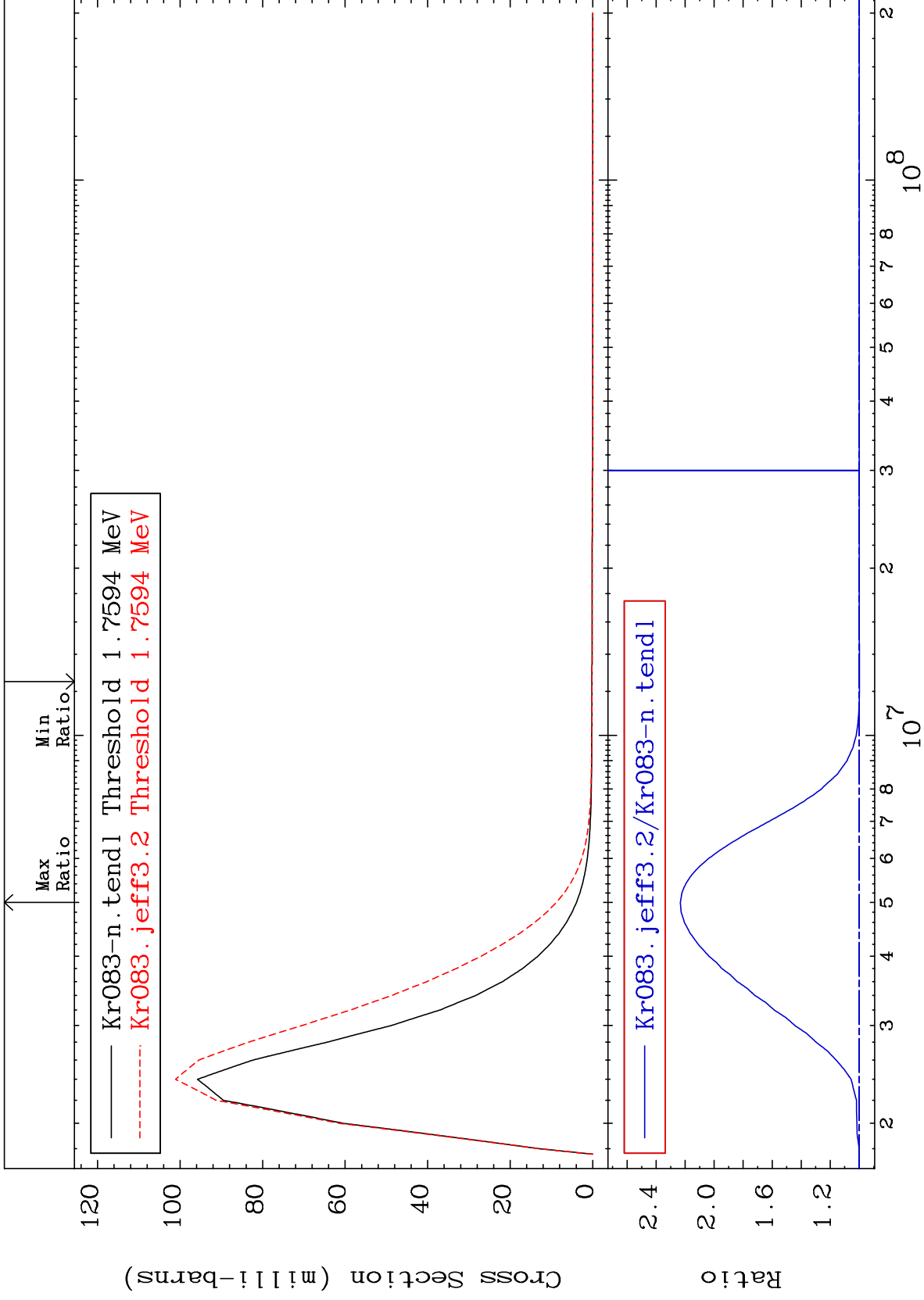


MAT 3640

1.721 MeV (n,n') Level  
Cross Section

36-Kr-83  
-0.123 To 128.5 %

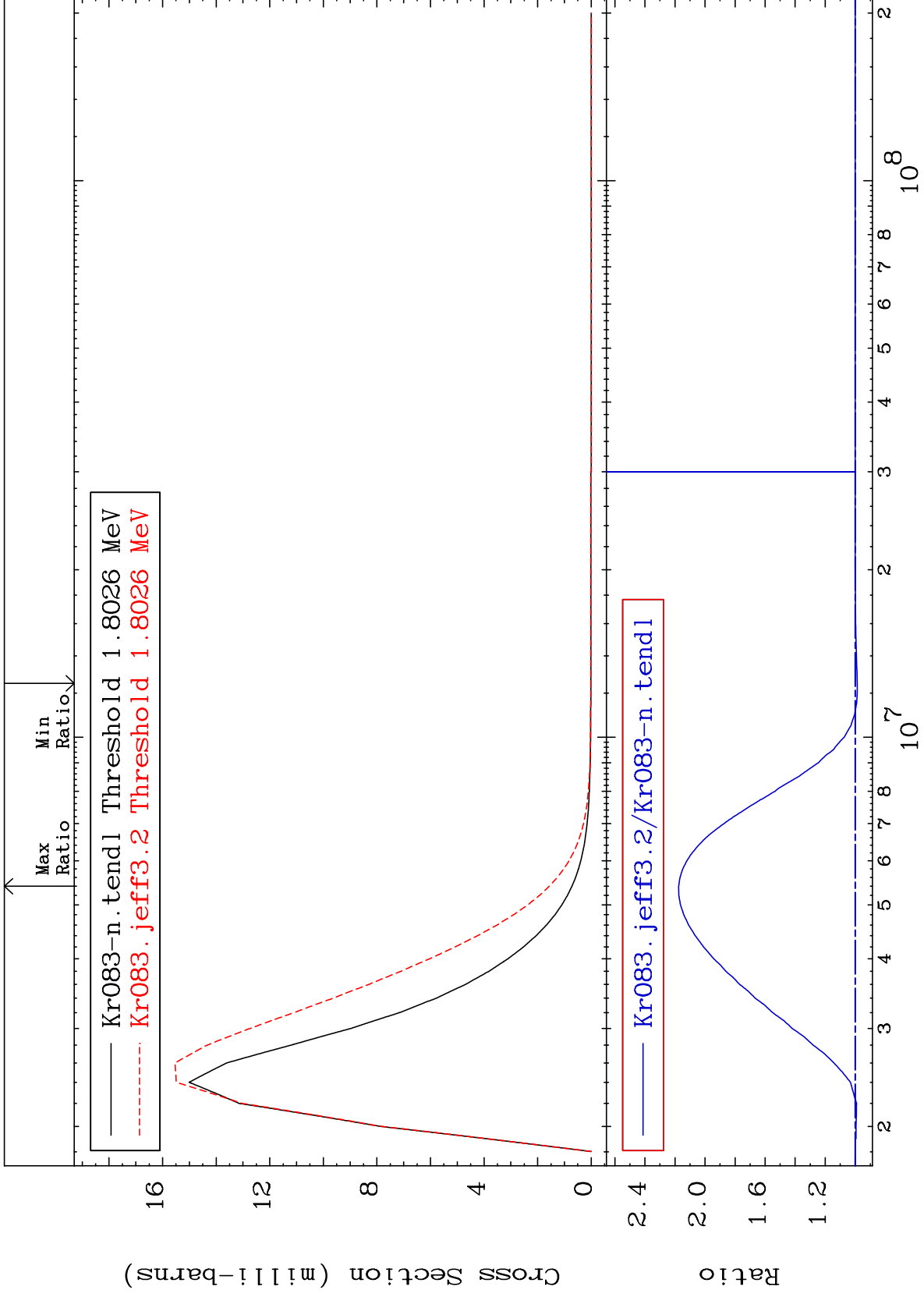


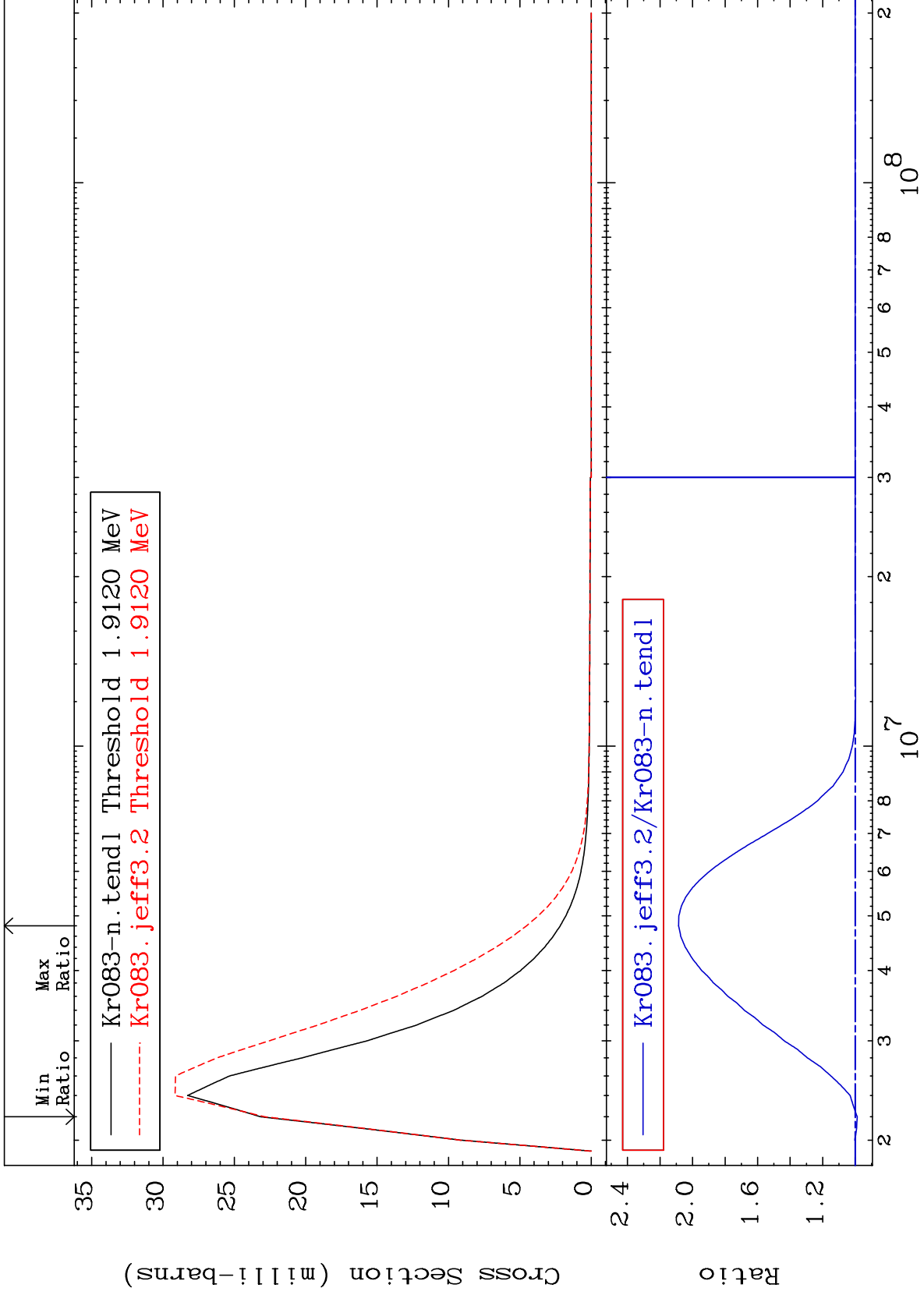


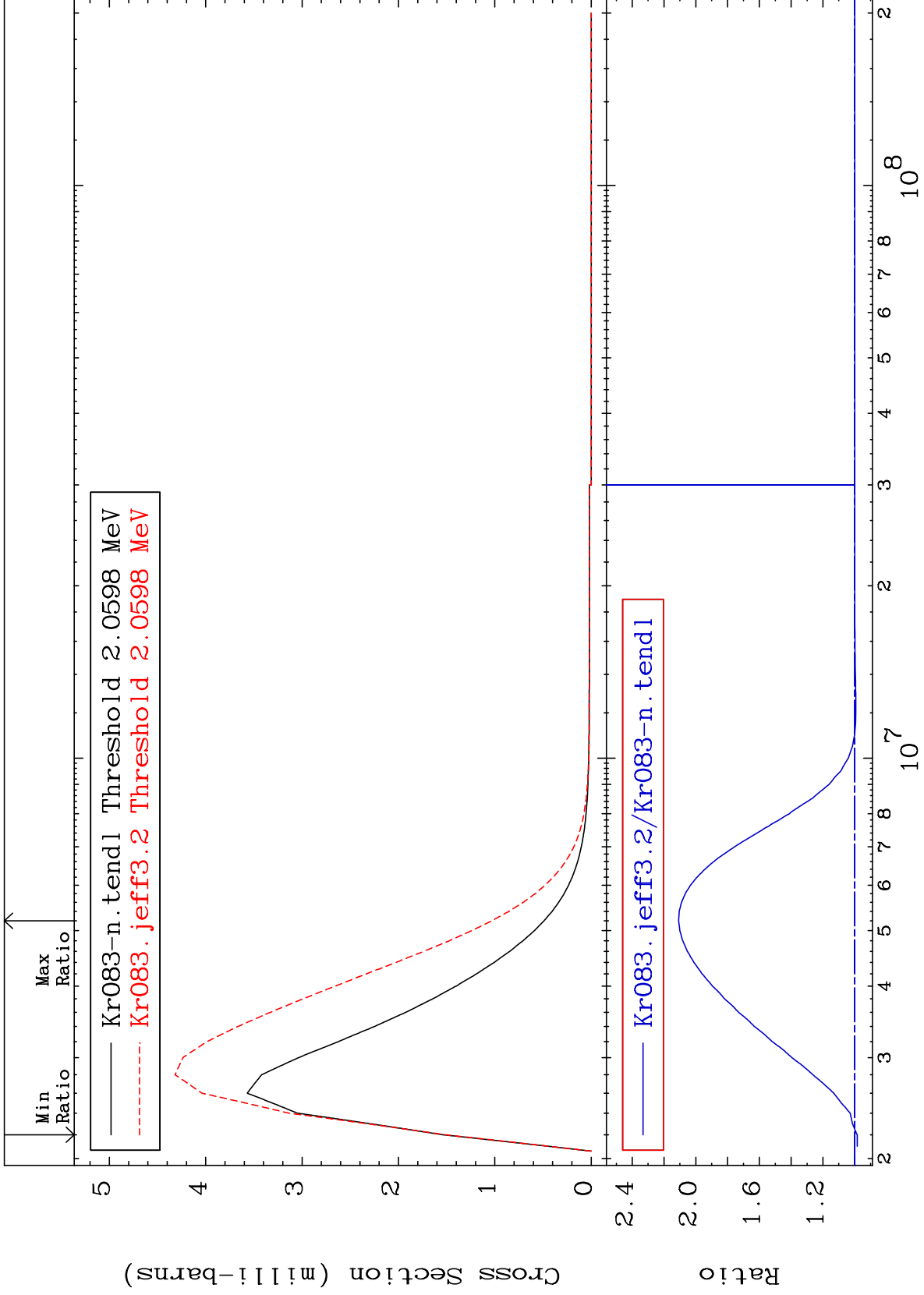
MAT 3640

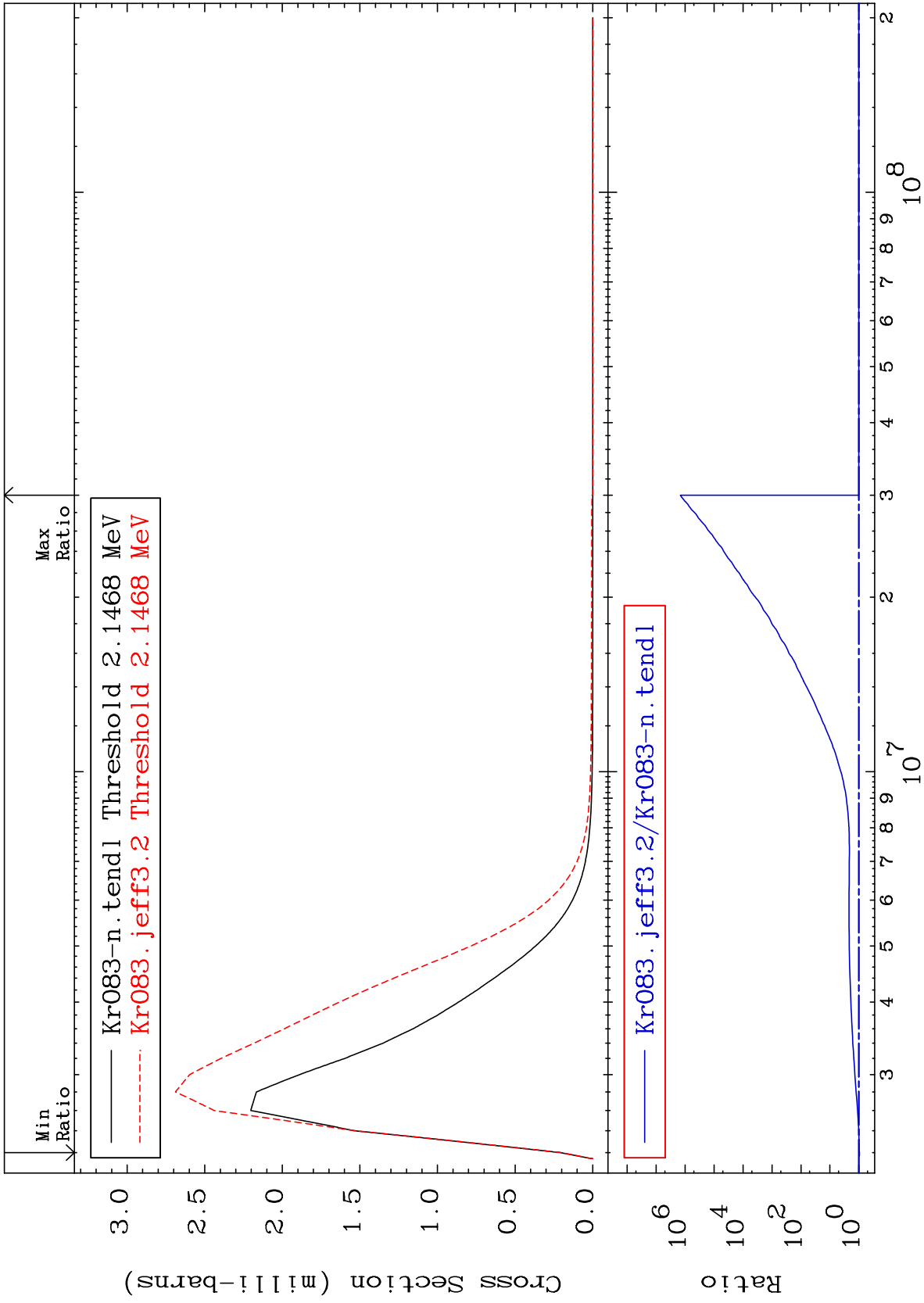
1.781 MeV (n,n') Level  
Cross Section

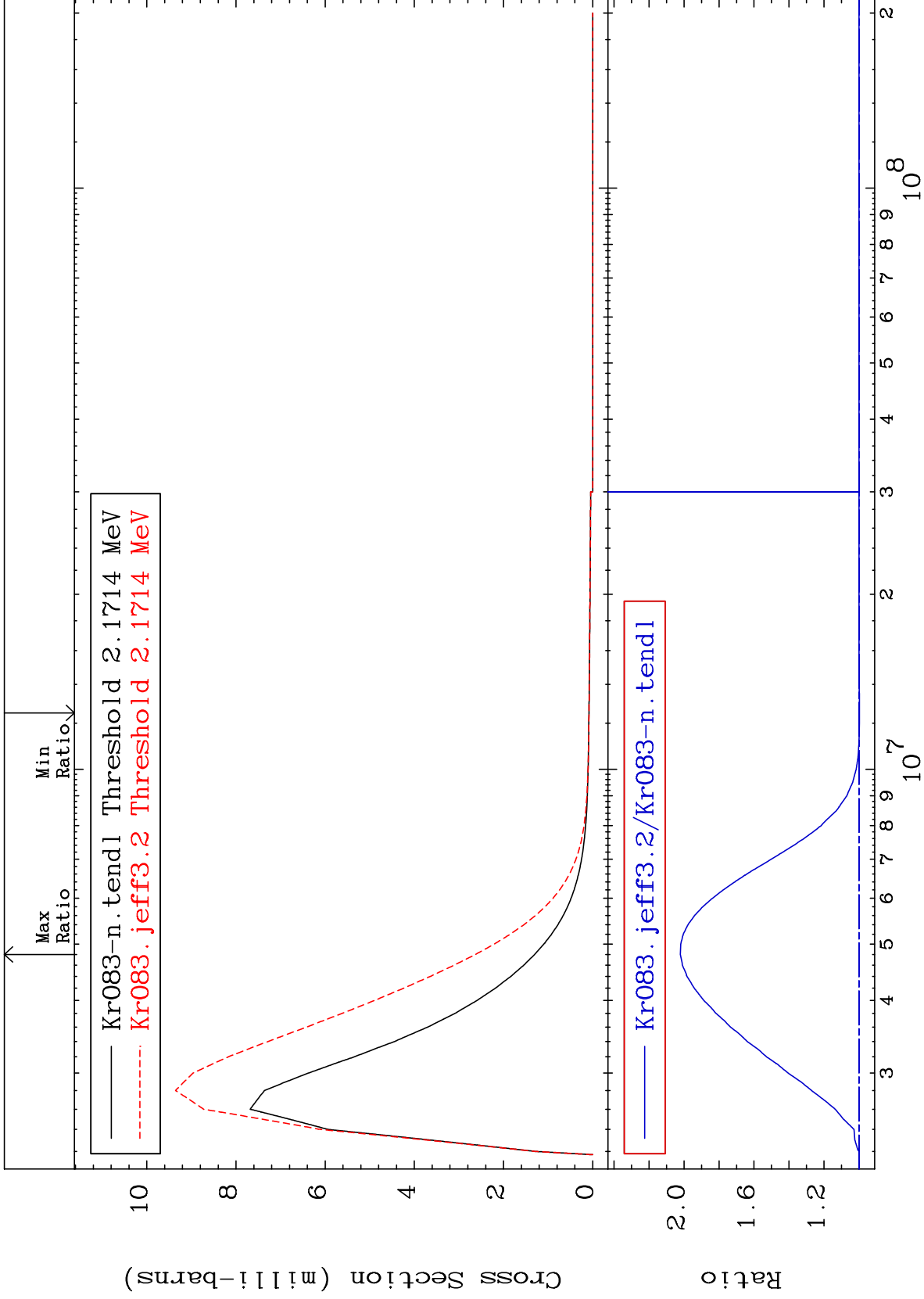
36-Kr-83  
-1.340 To 117.6 %



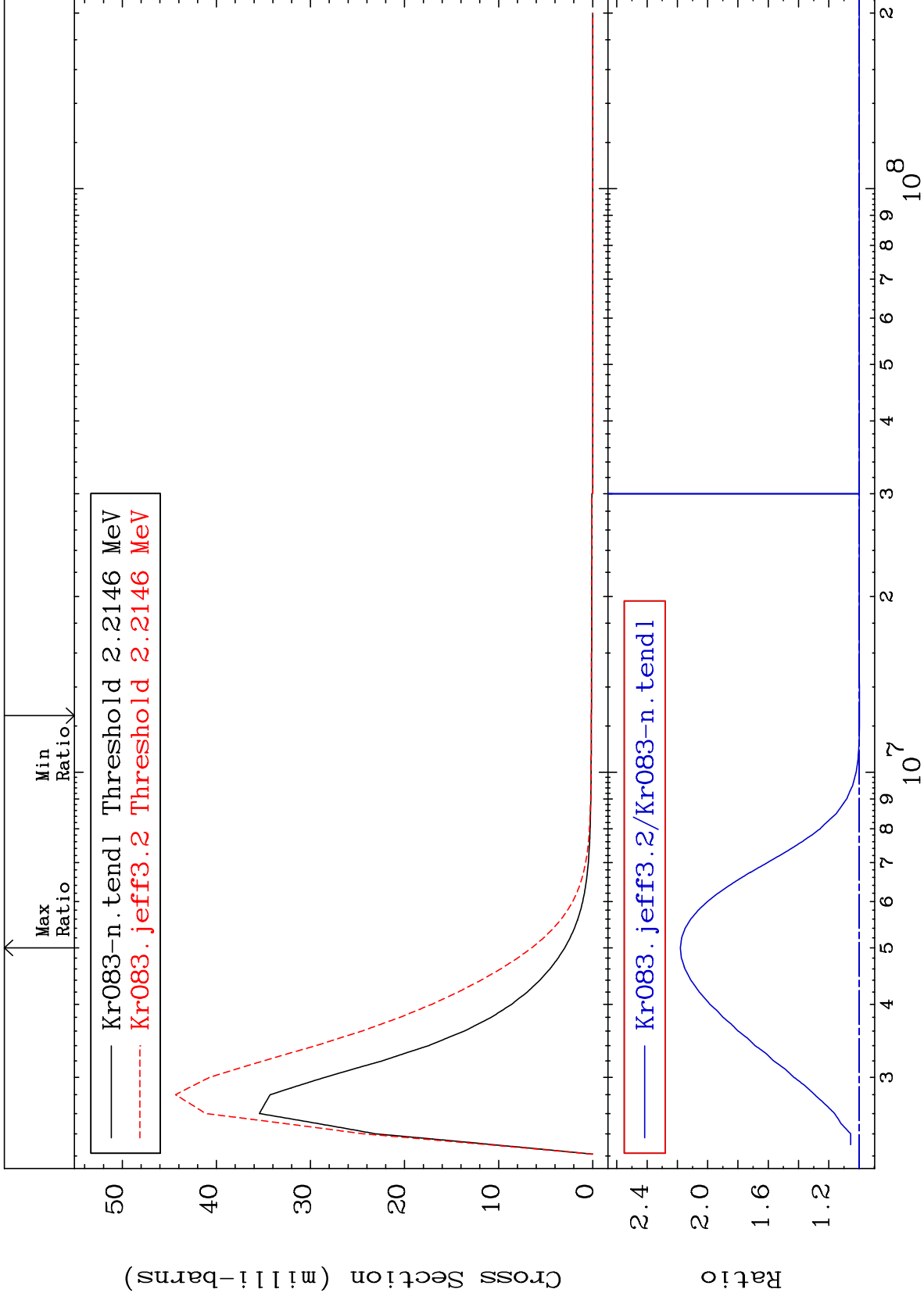








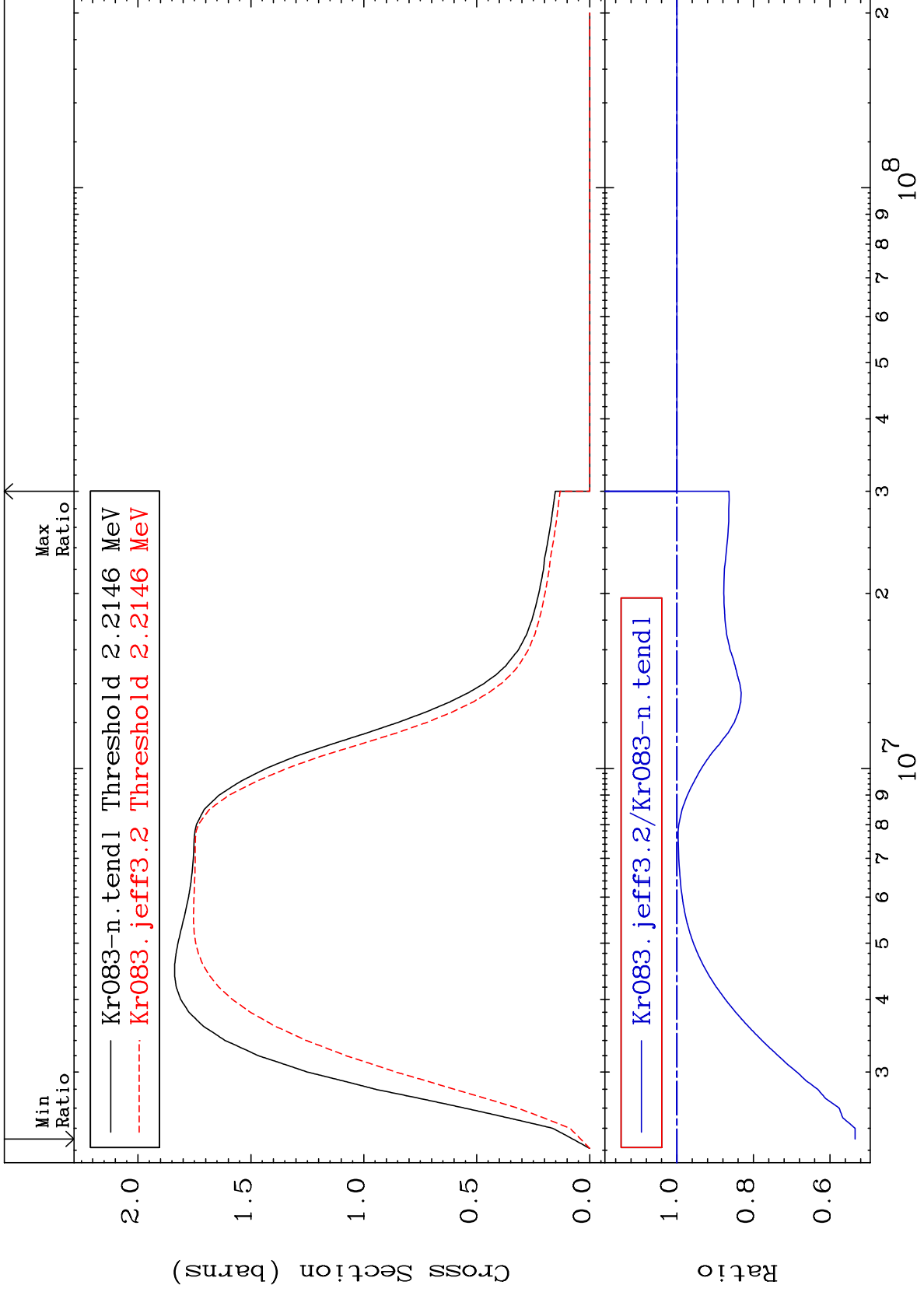




MAT 3640

(n, n') Continuum  
Cross Section

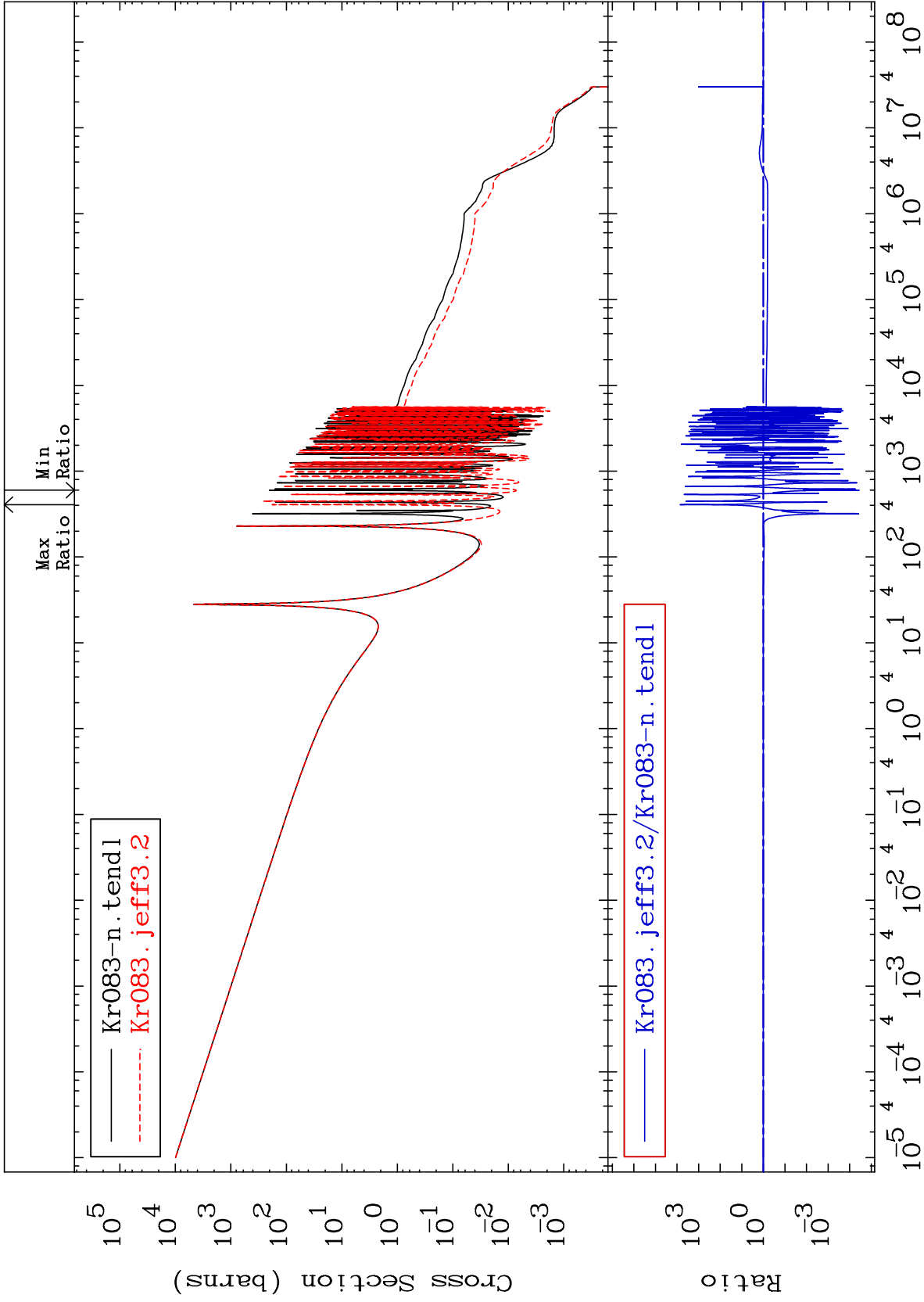
36-Kr-83  
-46.54 To 0.000 %



MAT 3640

(n,  $\gamma$ )  
Cross Section

36-Kr-83  
-100.0 To 9999. %



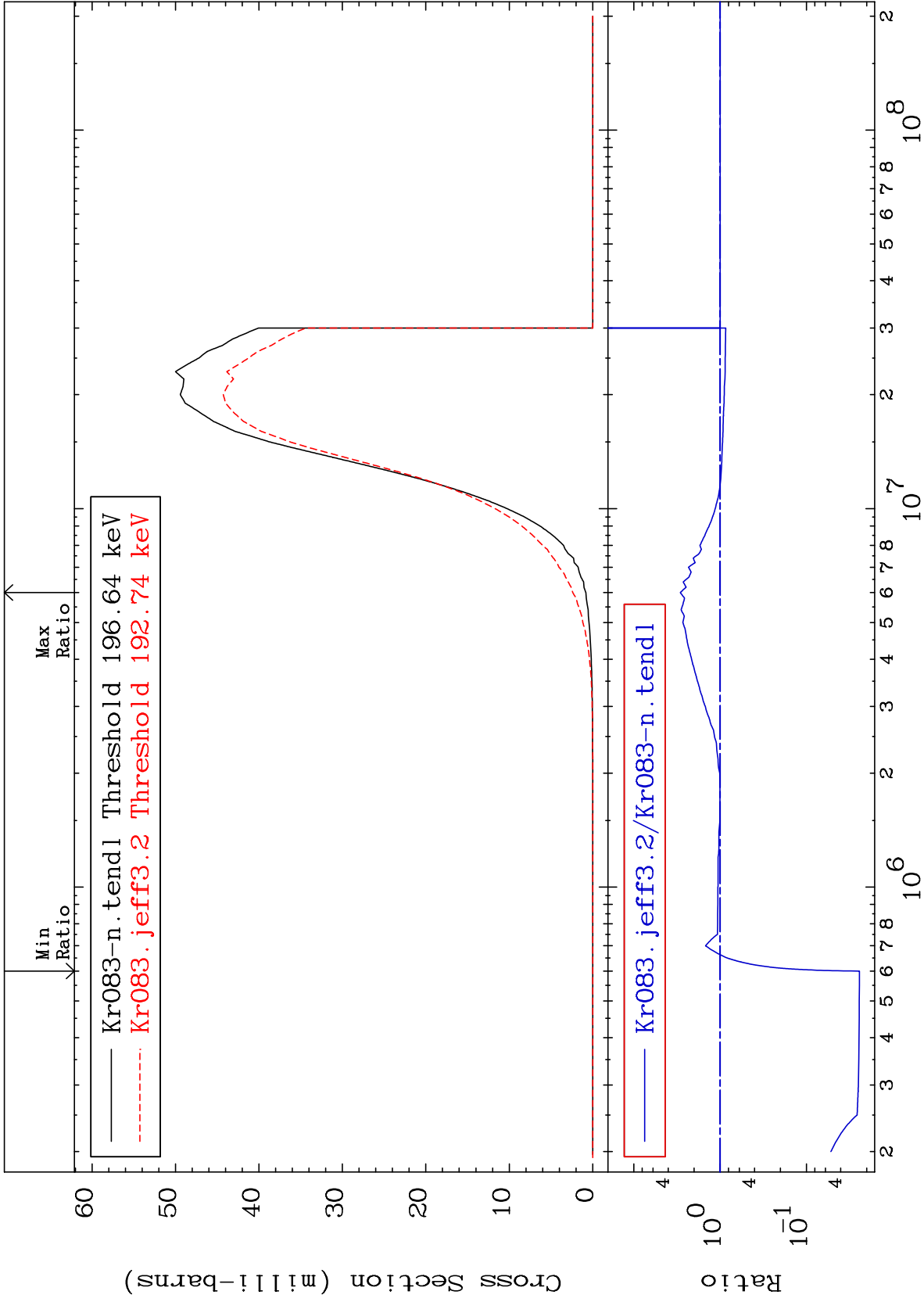
MAT 3640

(n, p)

<sup>36</sup>Kr-83

Cross Section

-97.57 To 189.2 %



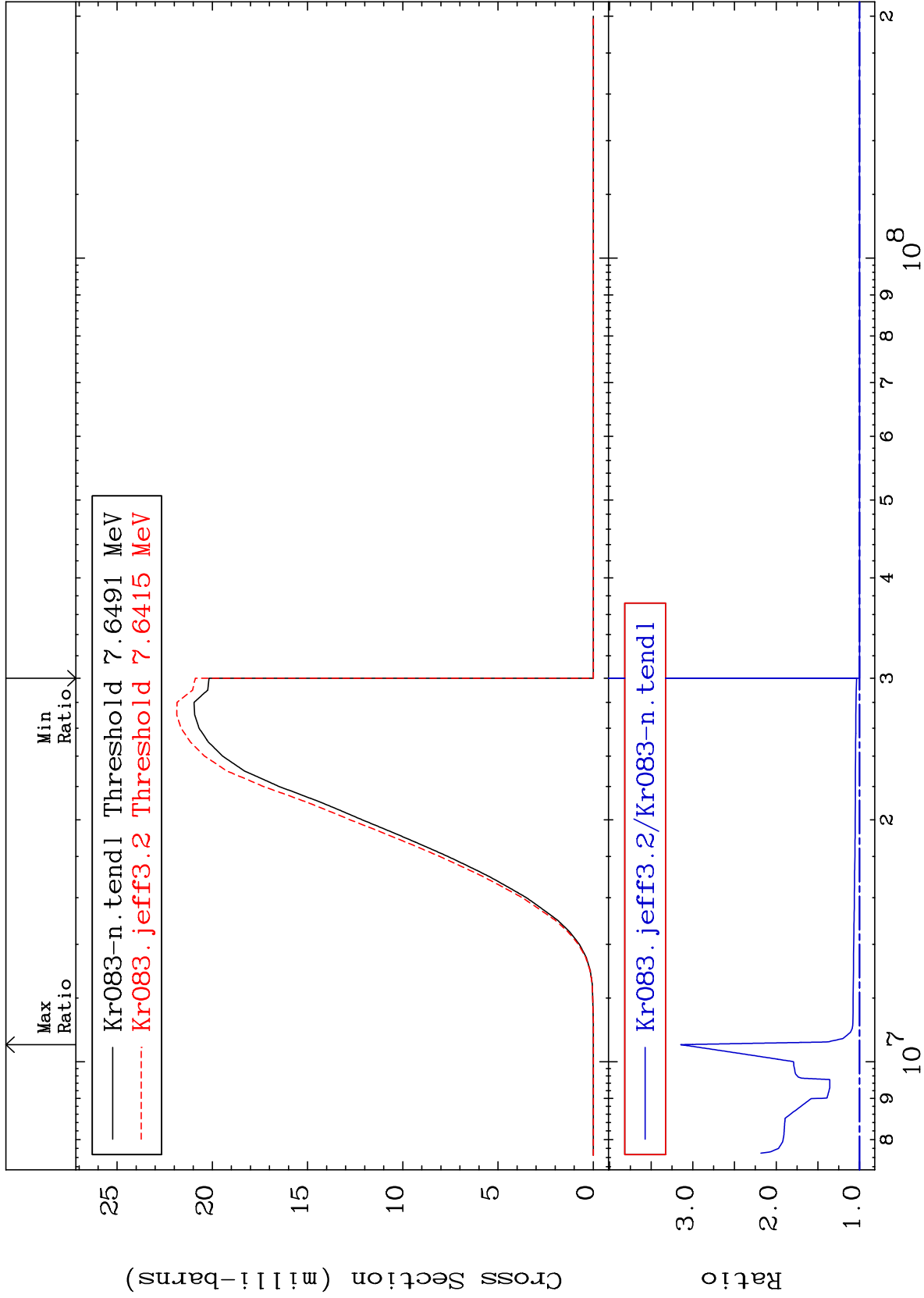
MAT 3640

(n, d)

<sup>36</sup>Kr-83

Cross Section

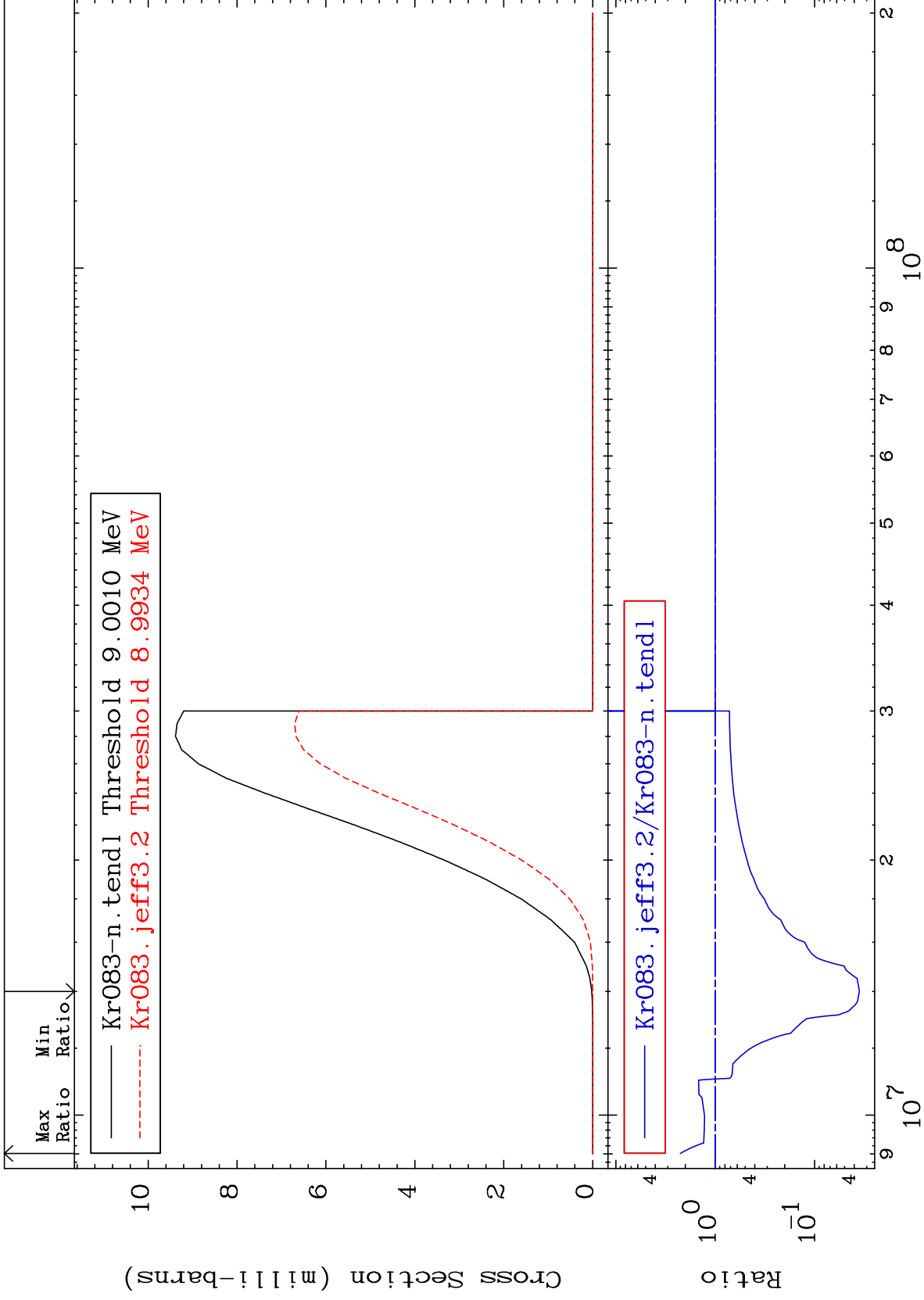
0.000 To 214.4 %



MAT 3640

(n, t)  
Cross Section

<sup>36</sup>Kr-83  
-96.45 To 124.2 %



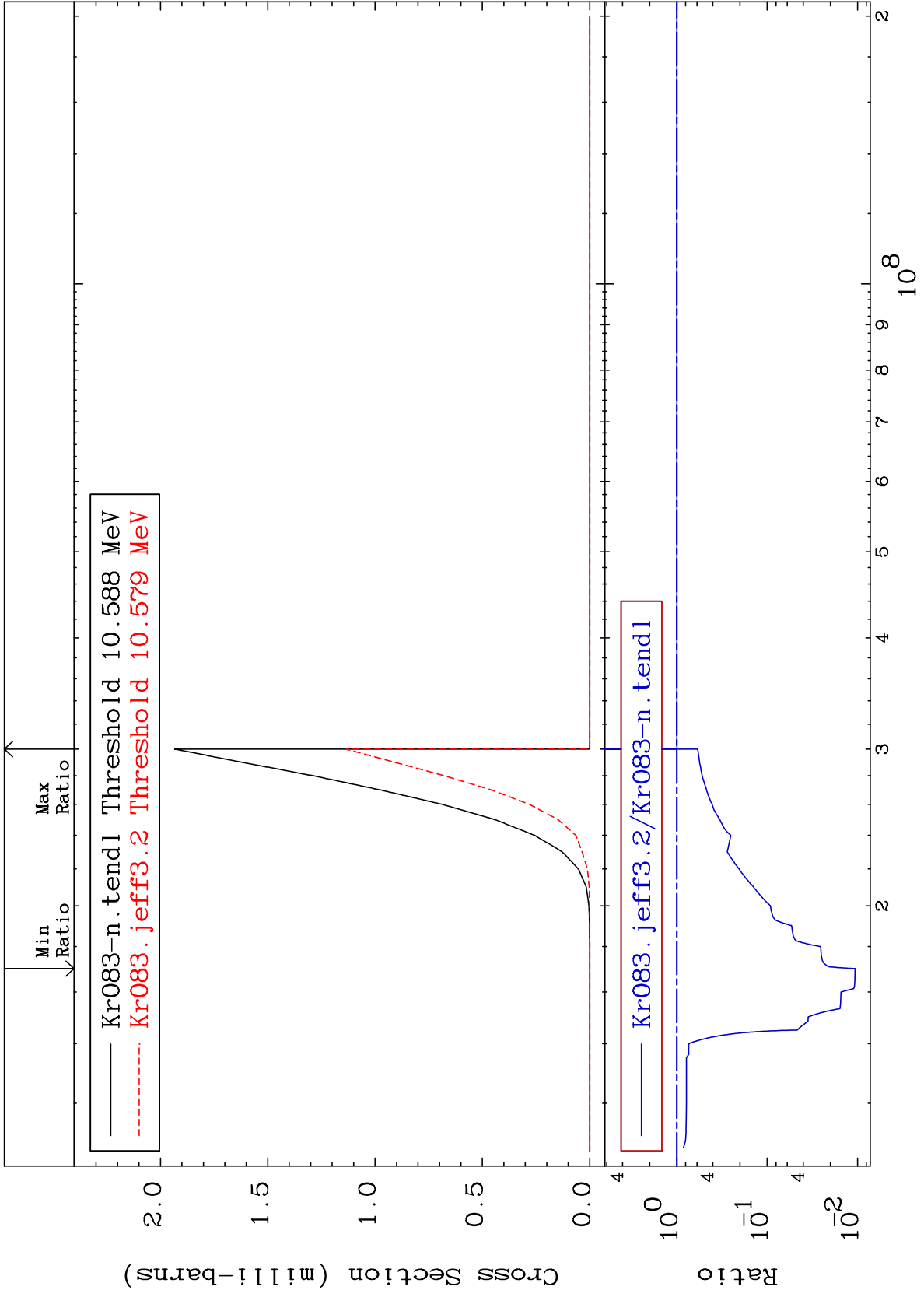
MAT 3640

(n, He-3)

<sup>36</sup>Kr-83

Cross Section

-98.94 To 0.000 %



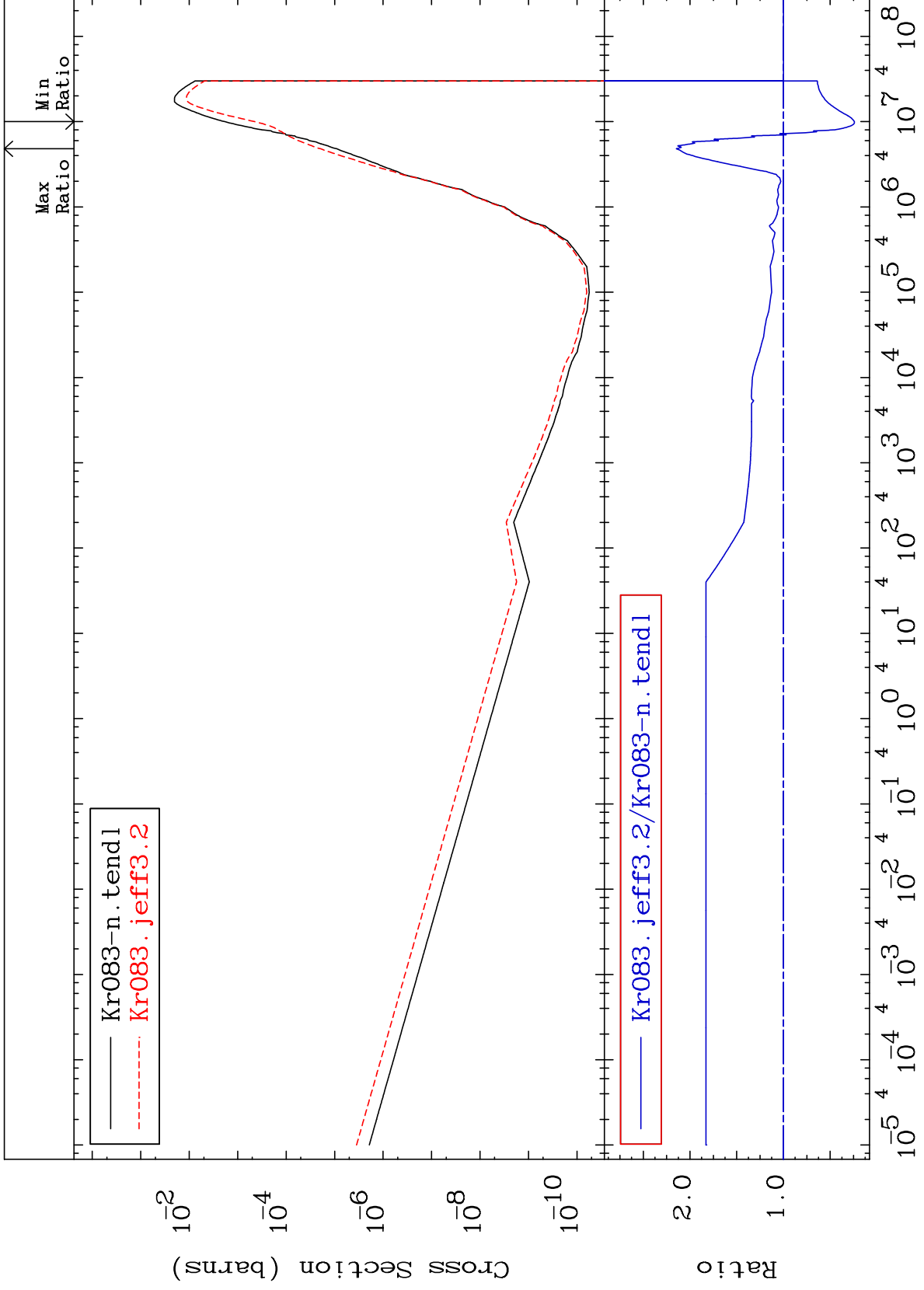
MAT 3640

(n,  $\alpha$ )

Cross Section

<sup>36</sup>Kr-83

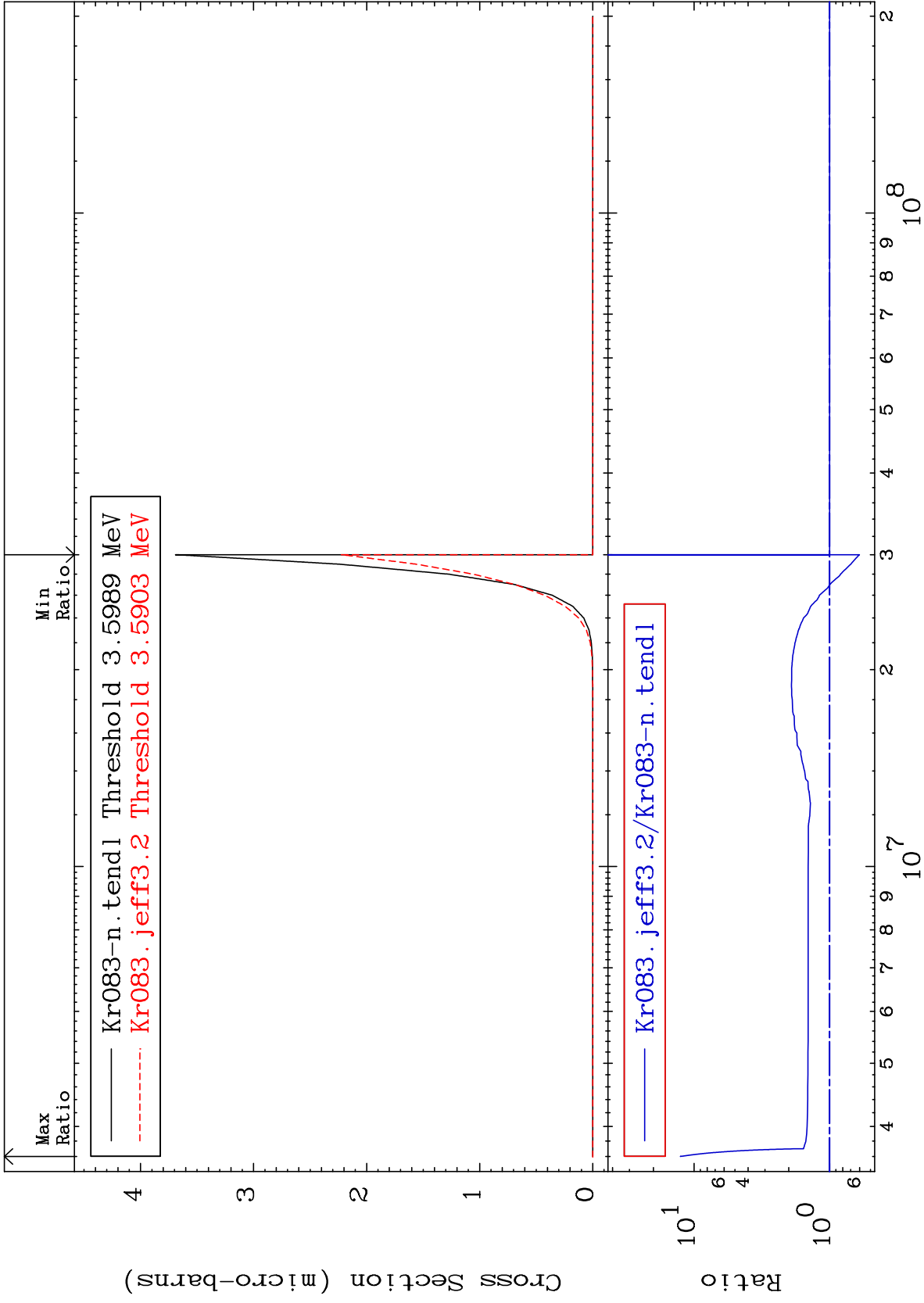
-75.91 To 114.6 %





Cross Section

-39.76 To 1164. %

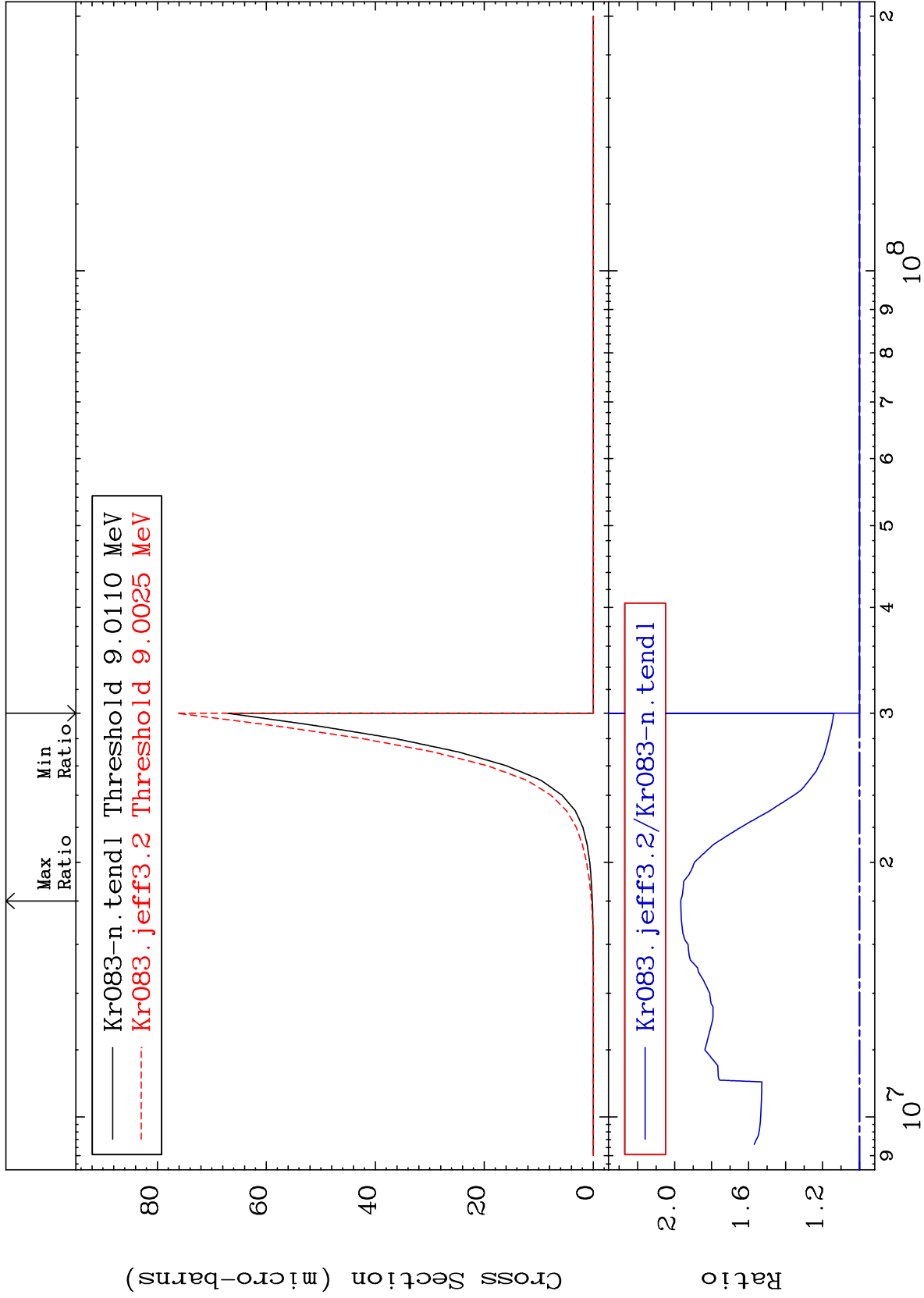


MAT 3640

<sup>36</sup>Kr-83

(n,2p) To 96.67 %

Cross Section



58

Incident Energy (eV)

<sup>36</sup>Kr-83

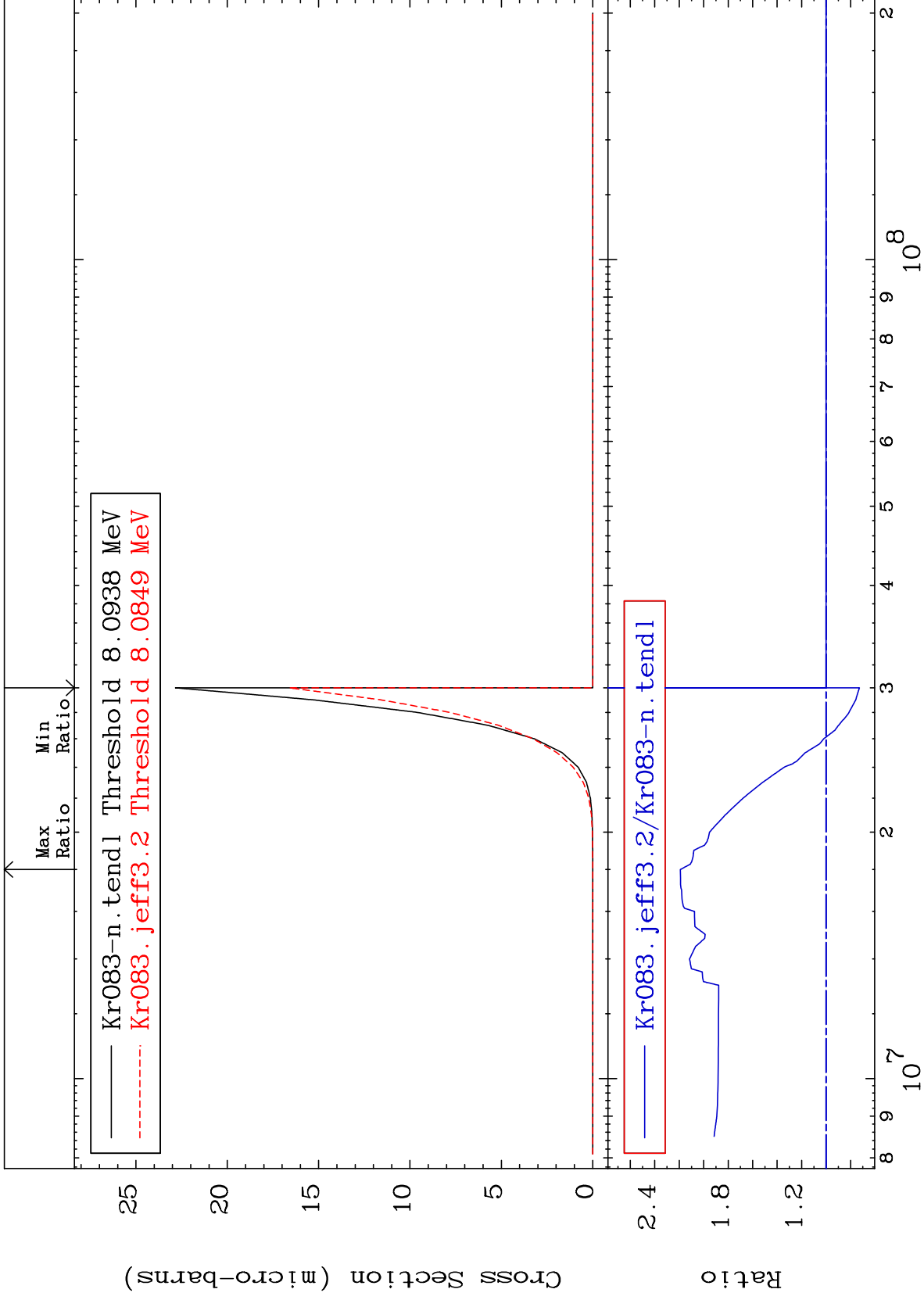
MAT 3640

(n, p)  $\alpha$

<sup>36</sup>Kr-83

Cross Section

-27.21 To 119.1 %



59

Incident Energy (eV)

<sup>36</sup>Kr-83

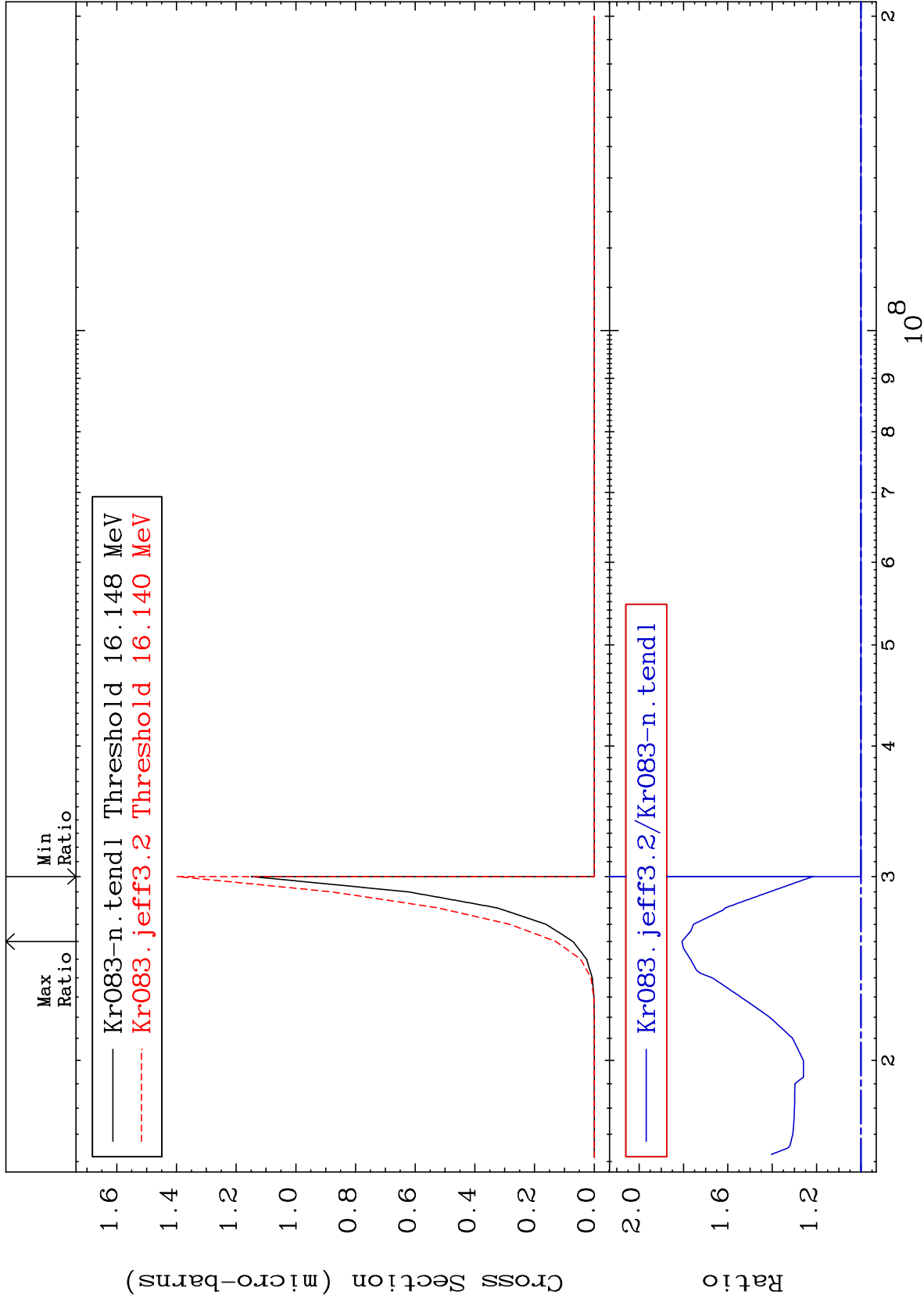
MAT 3640

(n,p) d

<sup>36</sup>Kr-83

Cross Section

0.000 To 80.70 %



60

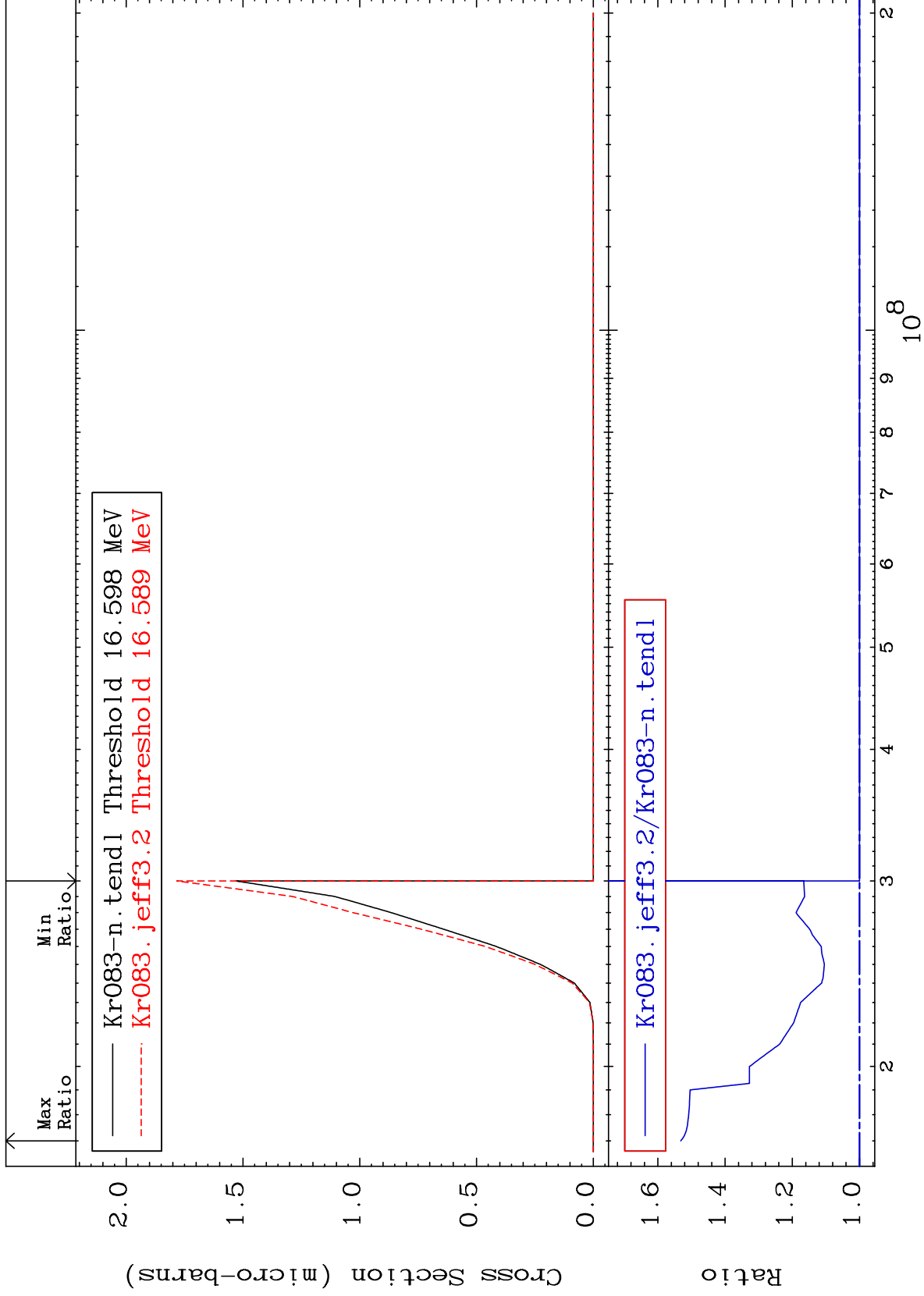
Incident Energy (eV)

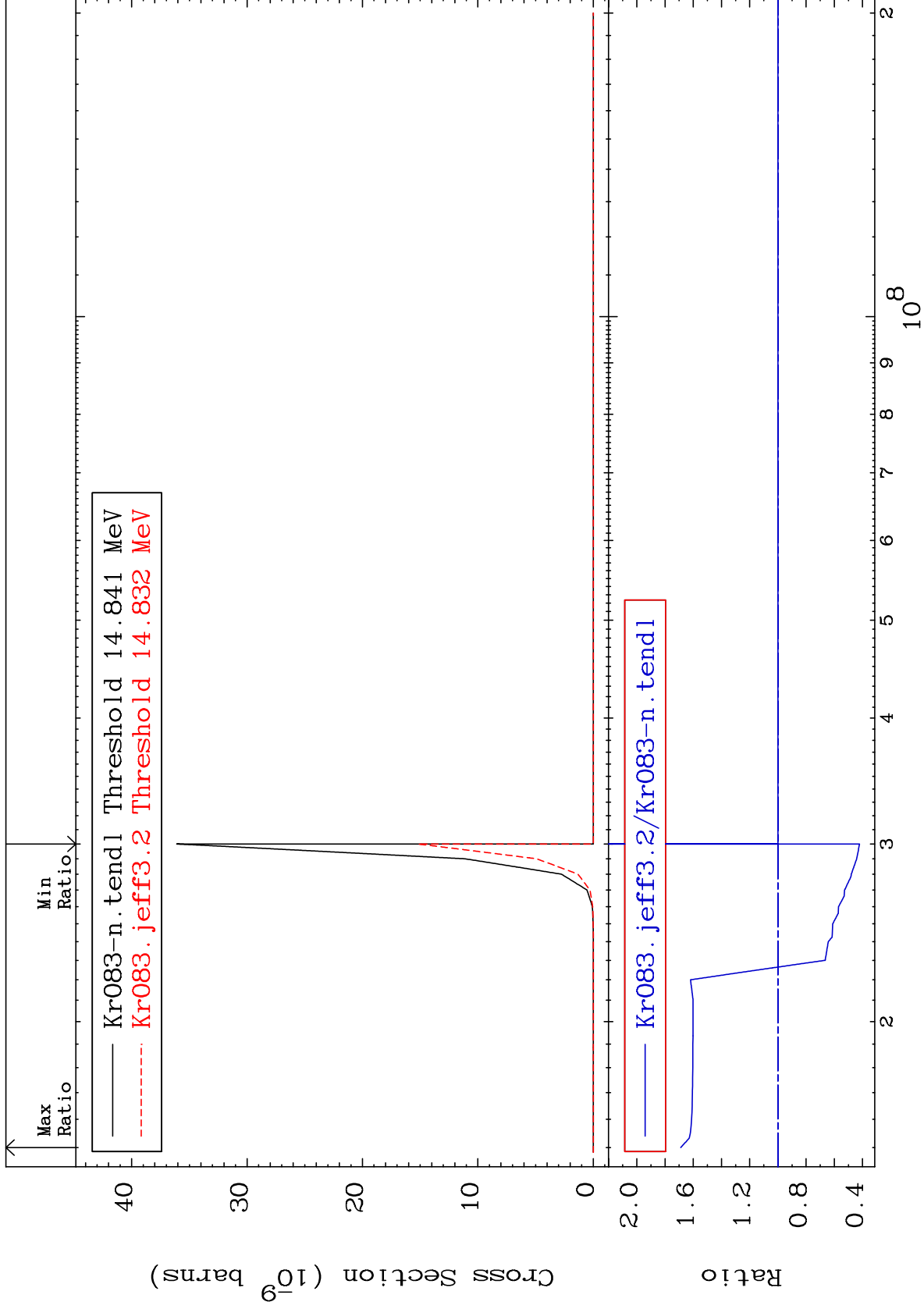
<sup>36</sup>Kr-83

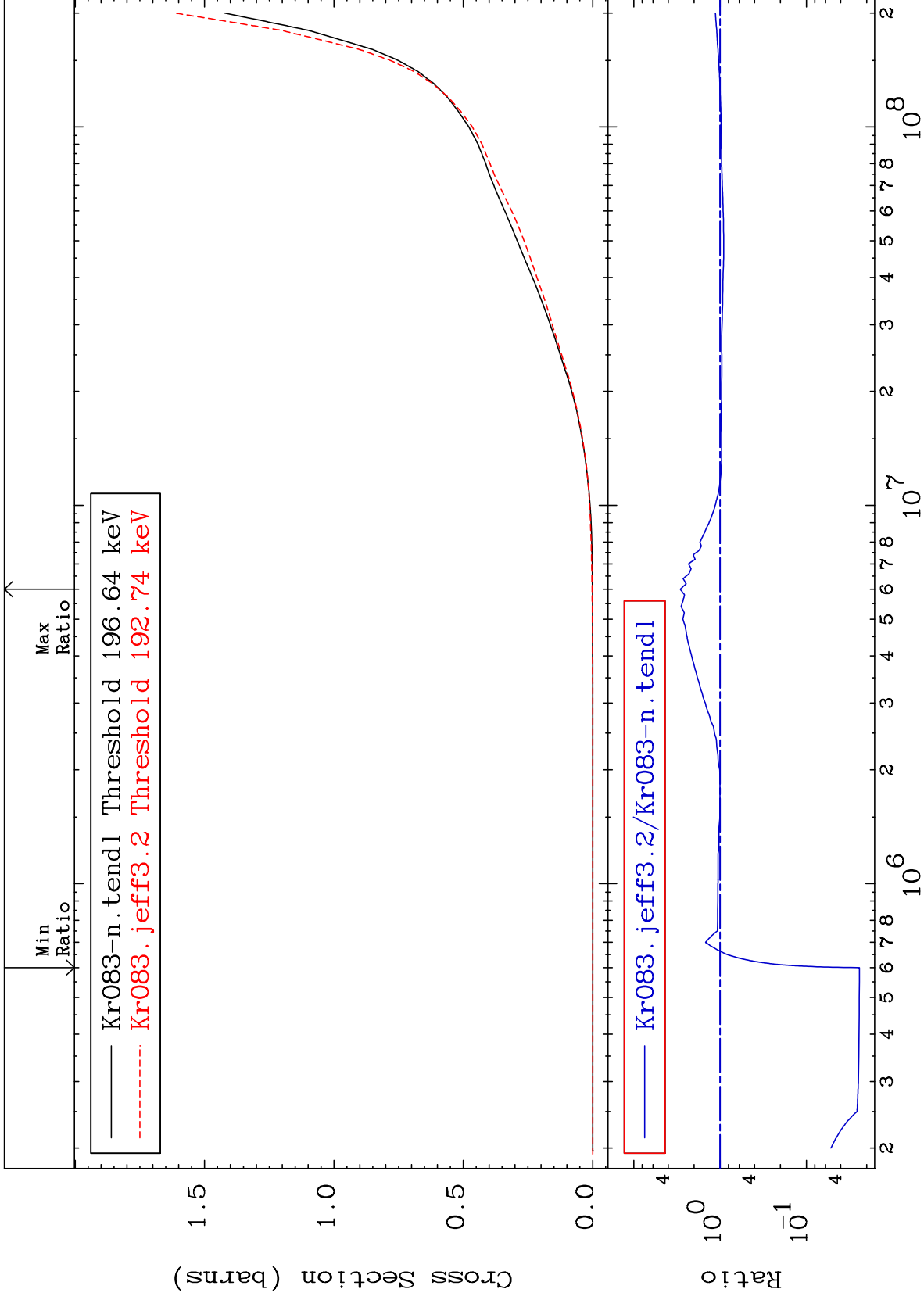
MAT 3640

(n,p) t  
Cross Section

36-Kr-83  
To 53.18 %



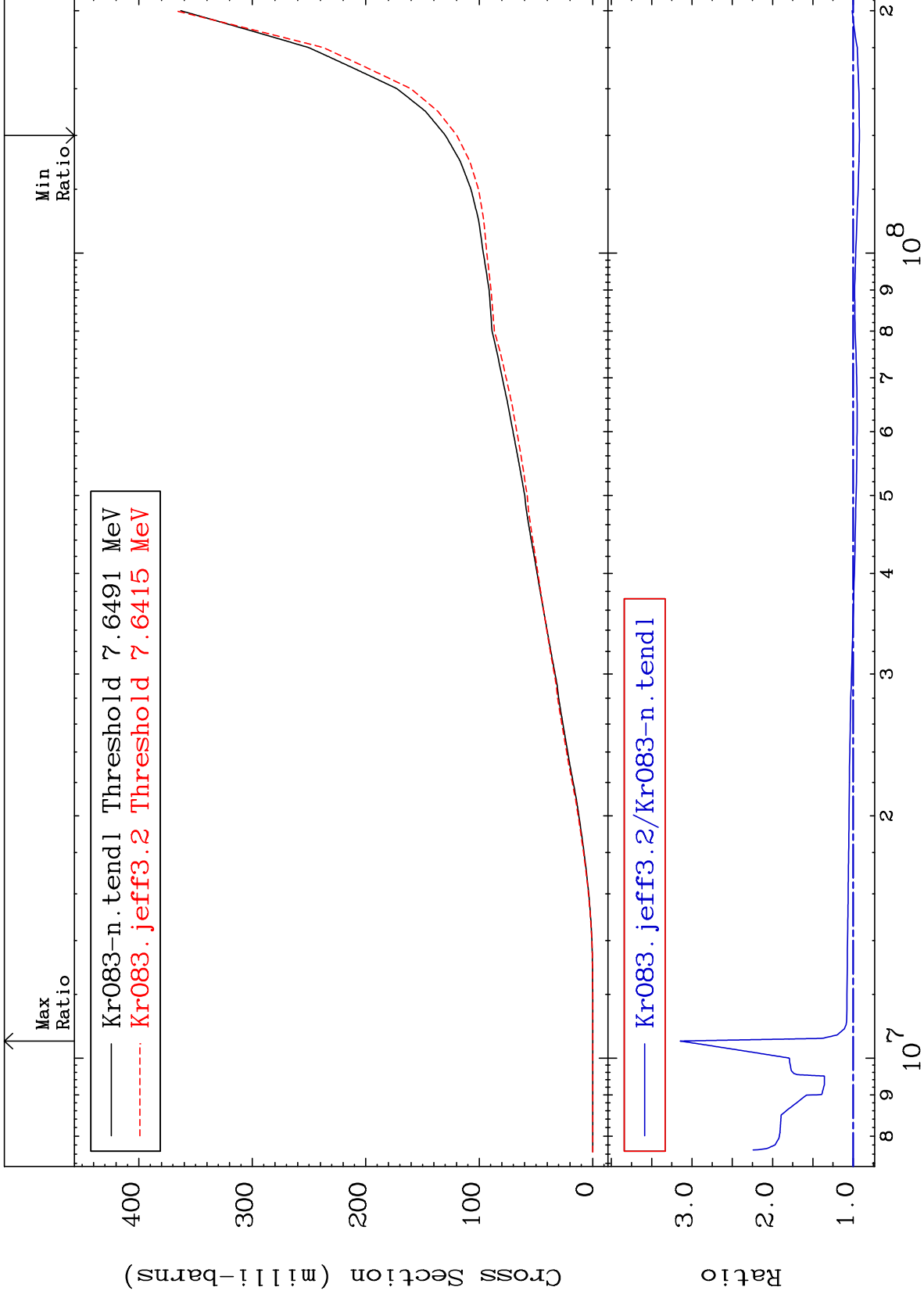




MAT 3640

Deuterium Production  
Cross Section

<sup>36</sup>Kr-83  
-7.749 To 214.4 %



64

Incident Energy (eV)

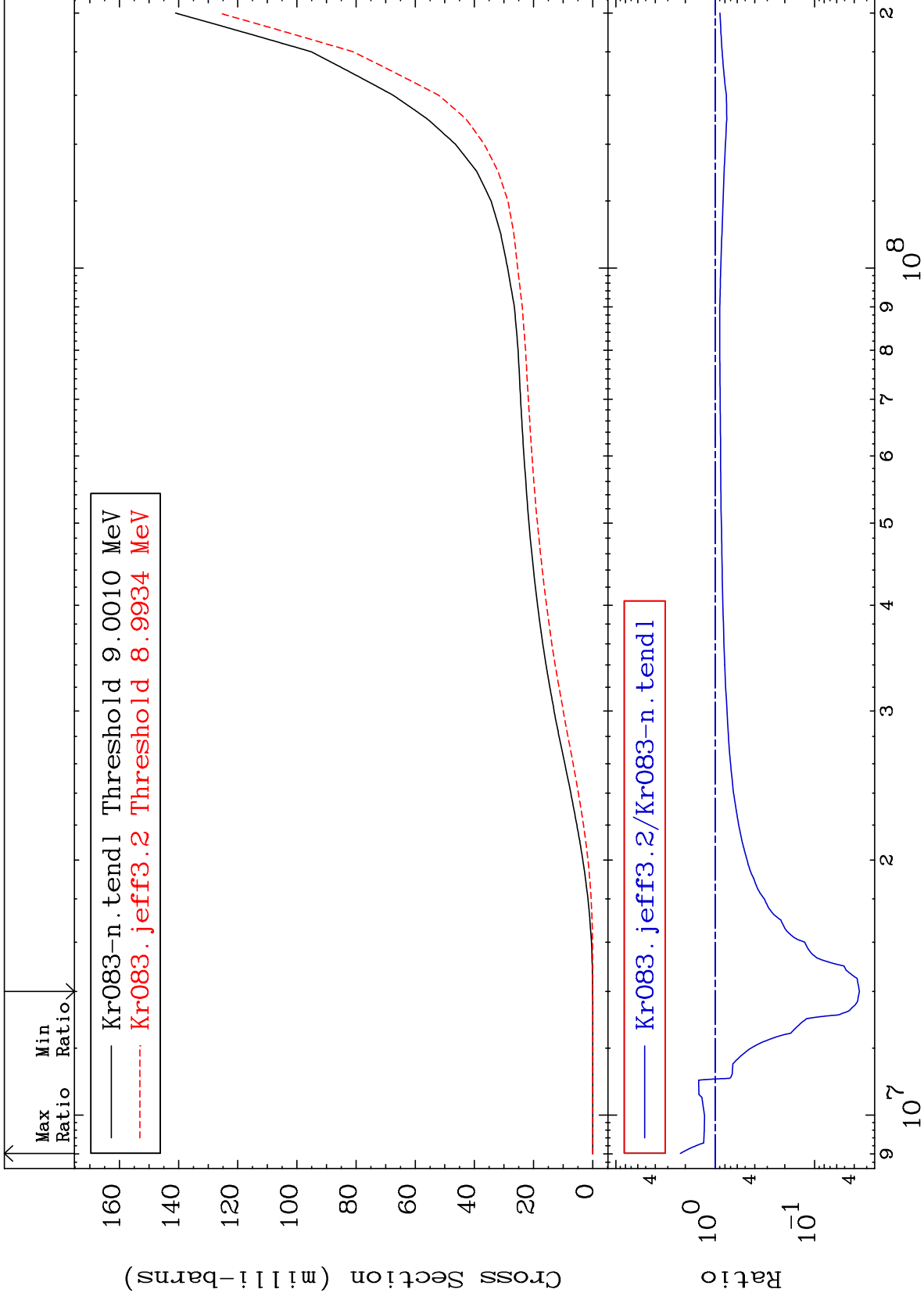
<sup>36</sup>Kr-83



MAT 3640

Tritium Production  
Cross Section

<sup>36</sup>Kr-83  
-96.45 To 124.2 %



65

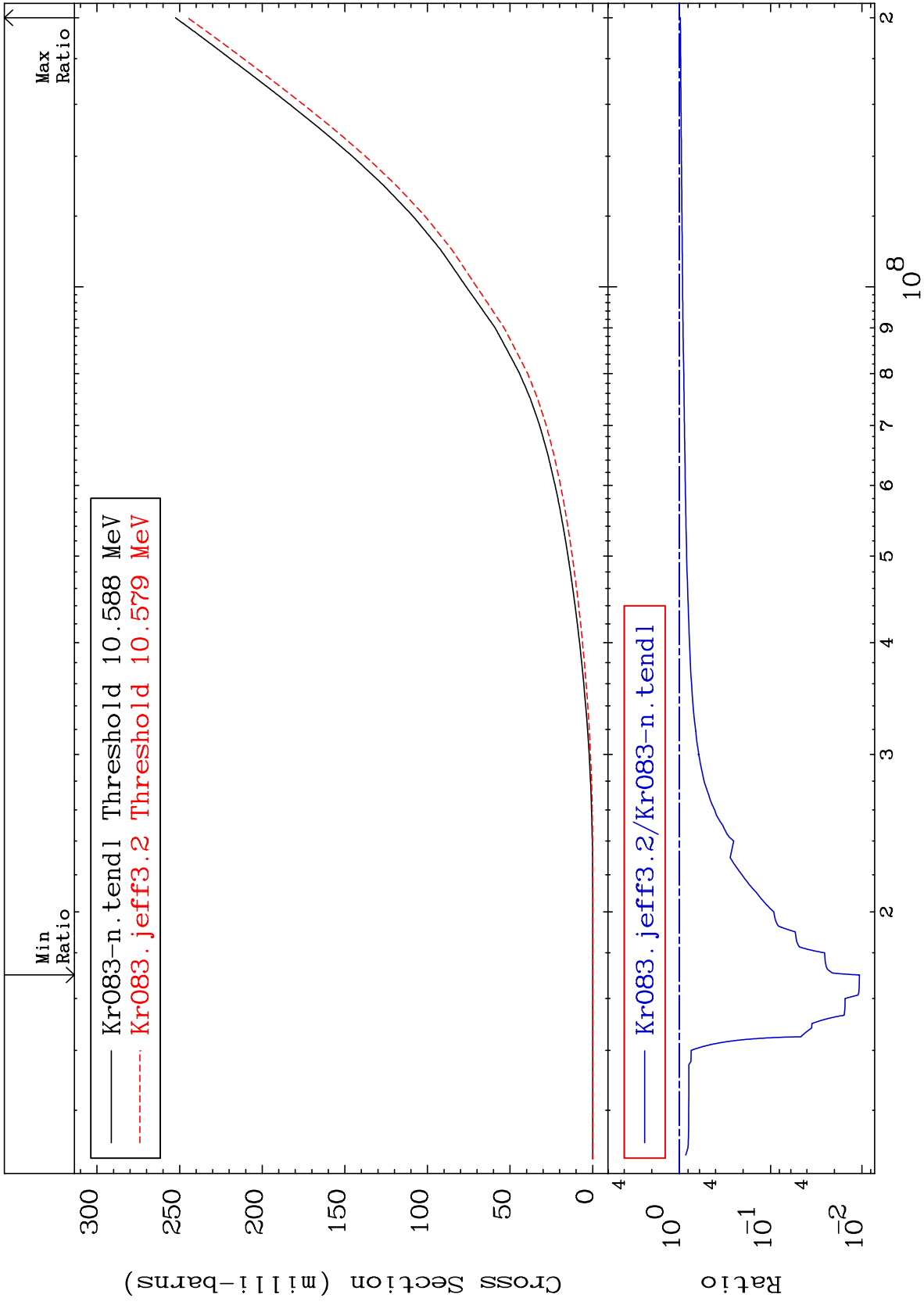
Incident Energy (eV)

<sup>36</sup>Kr-83

MAT 3640

He-3 Production  
Cross Section

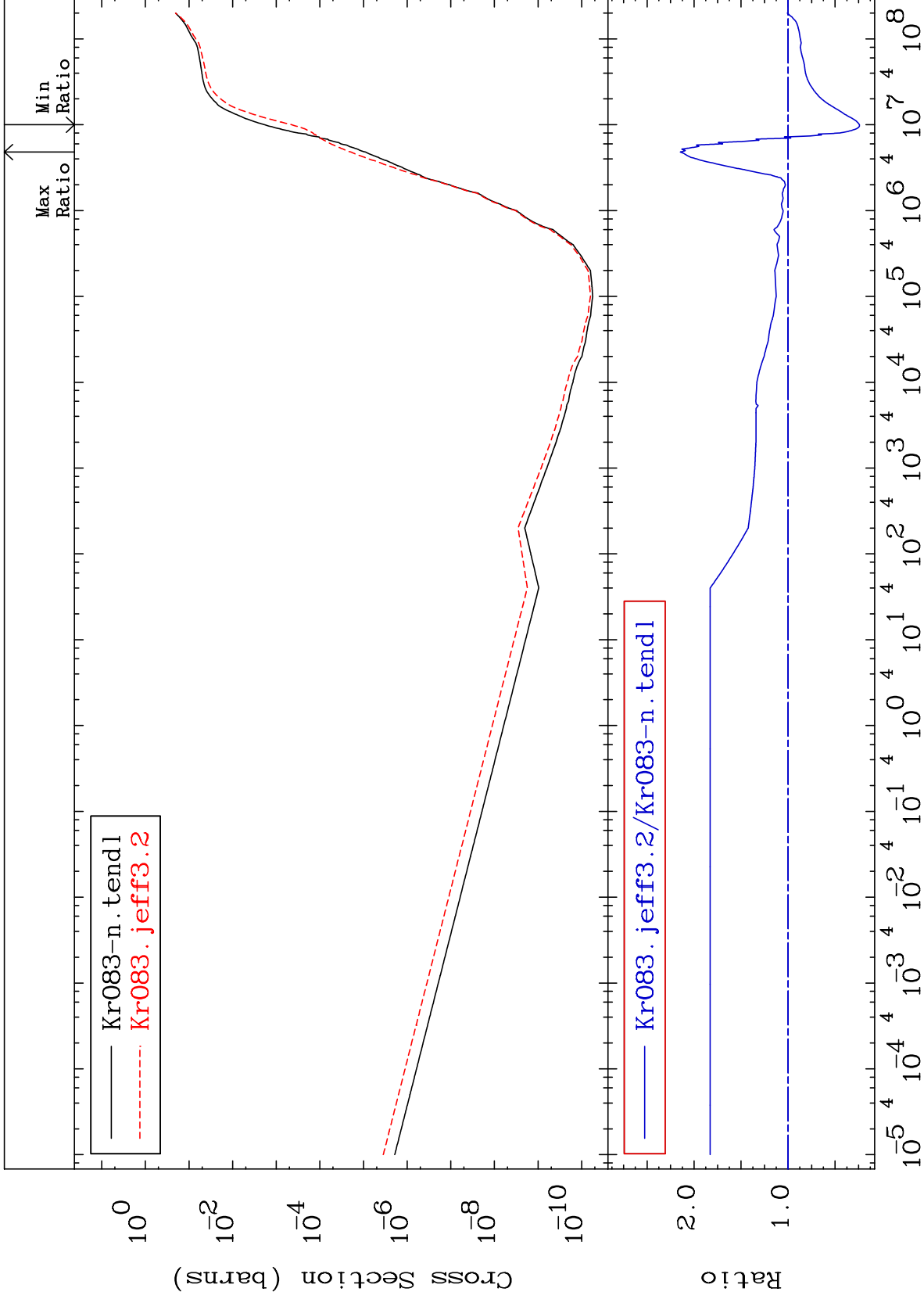
<sup>36</sup>Kr-83  
-98.94 To -2.930%

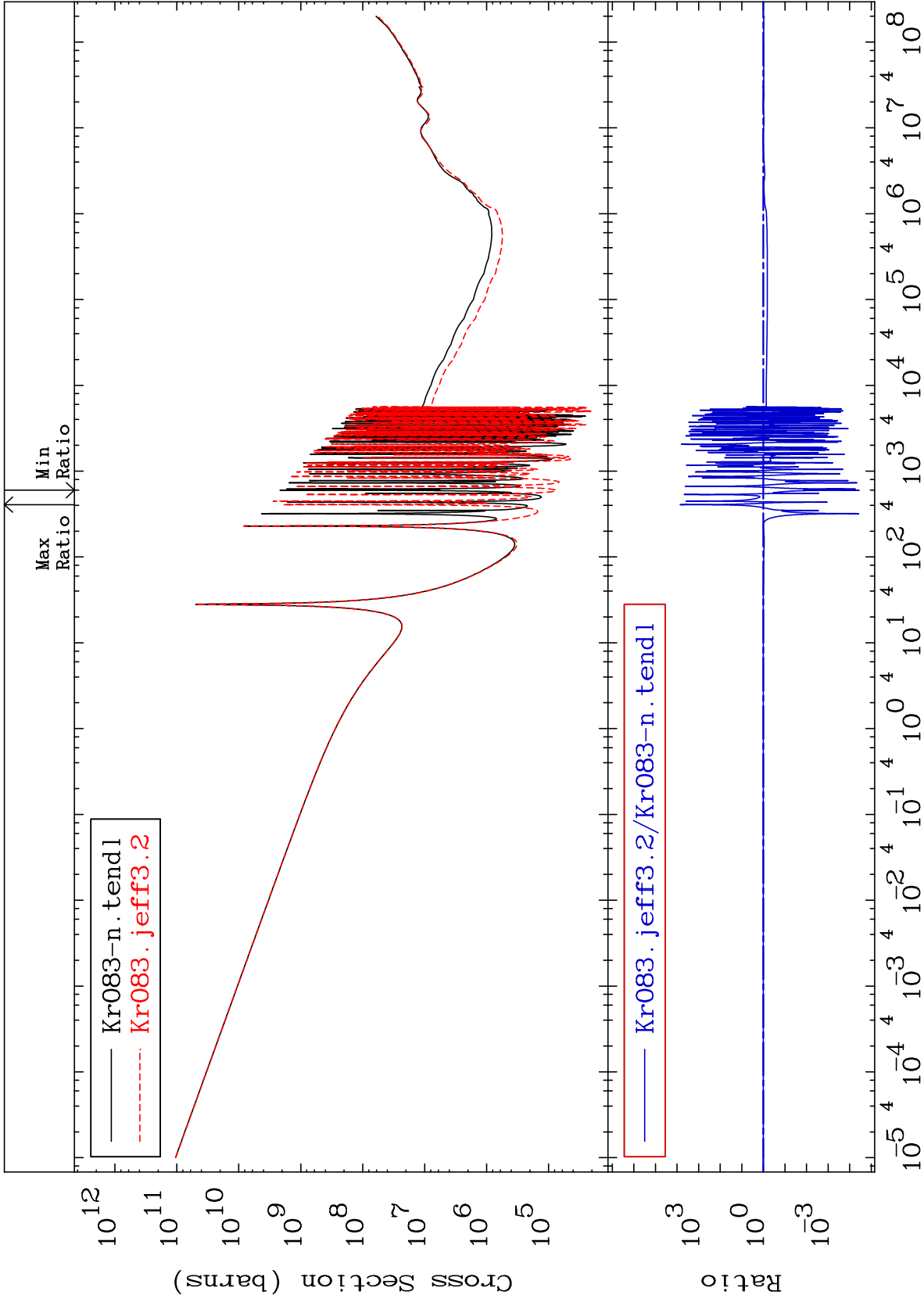


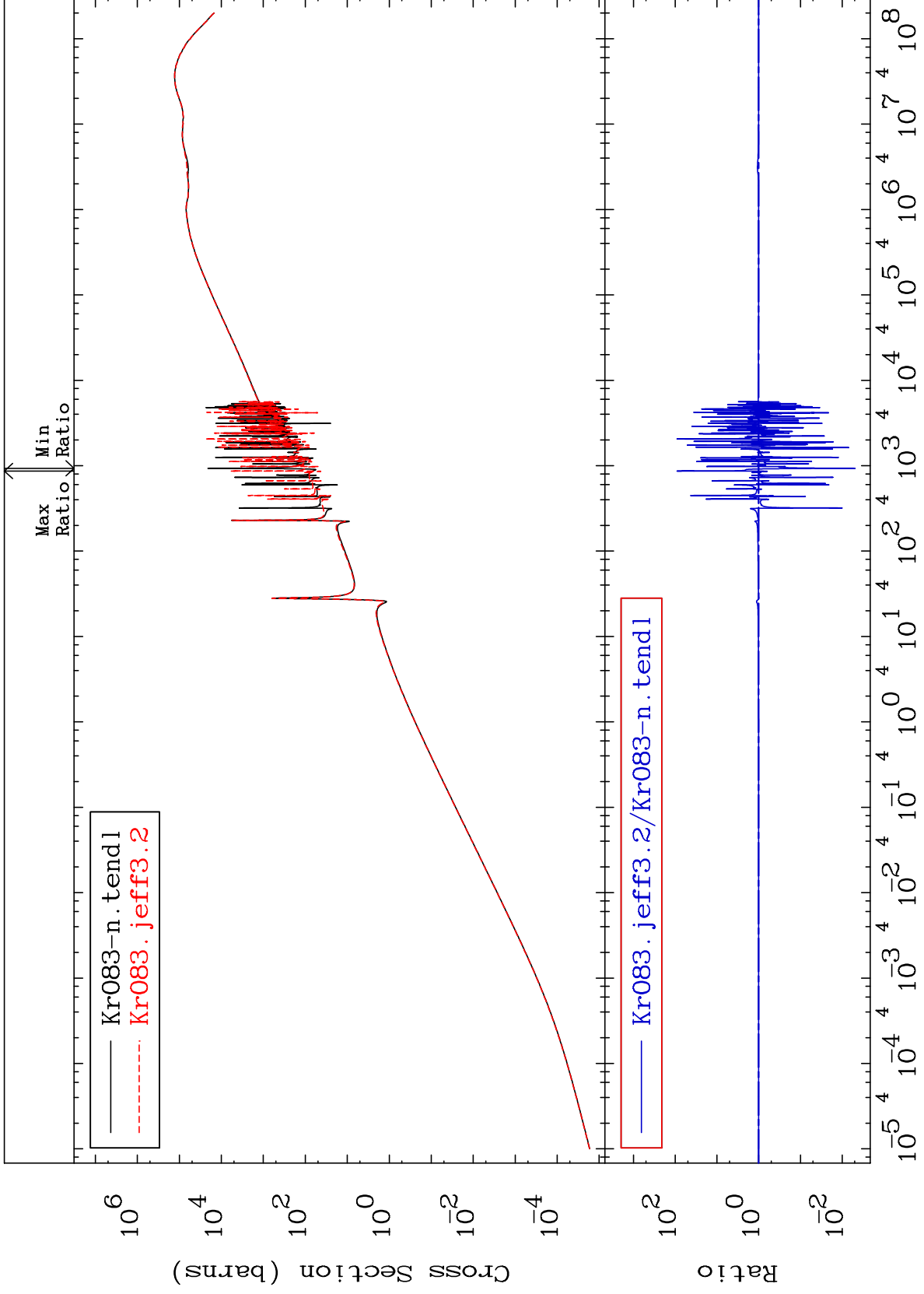
MAT 3640

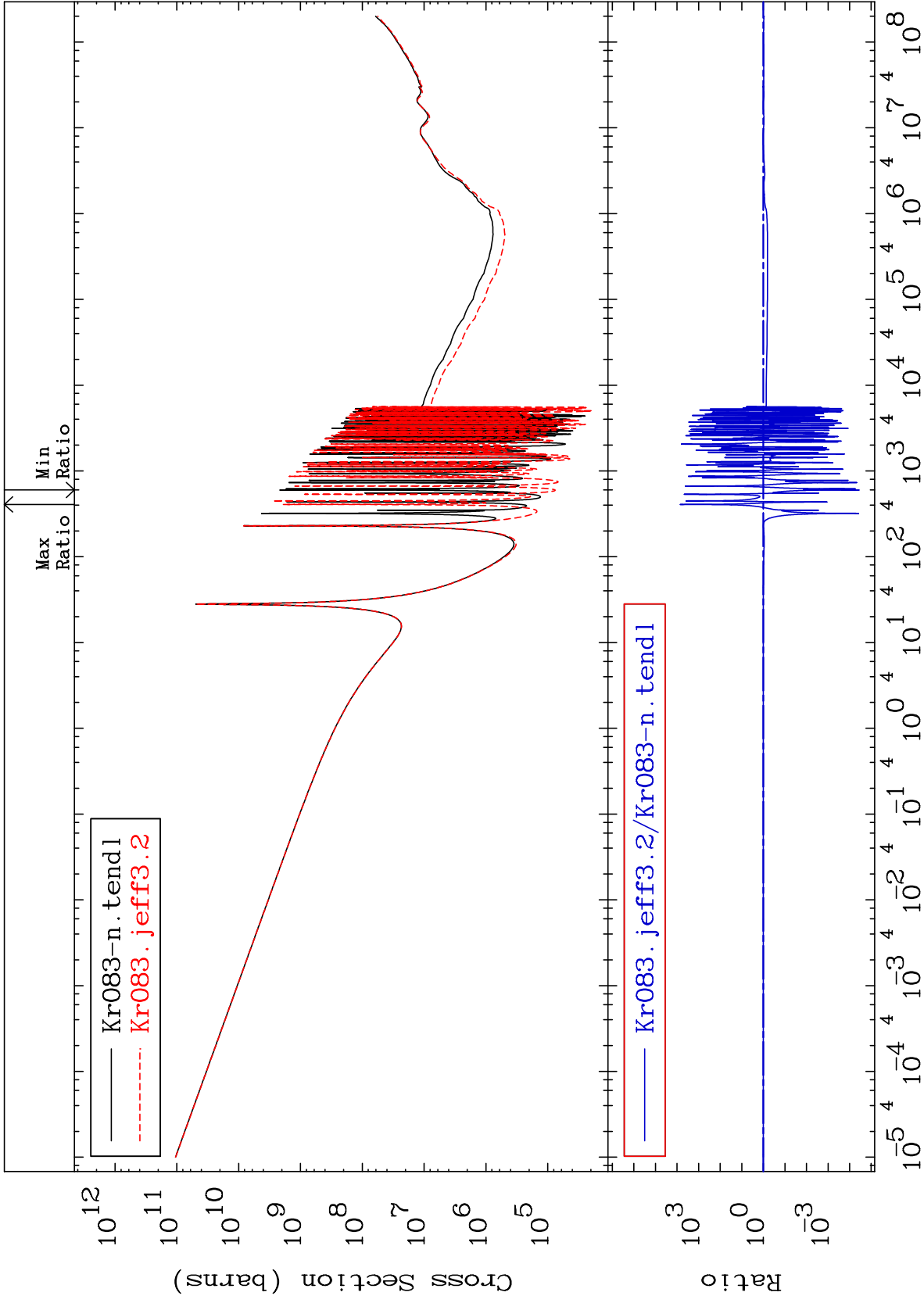
He-4 Production  
Cross Section

36-Kr-83  
-75.91 To 114.6 %





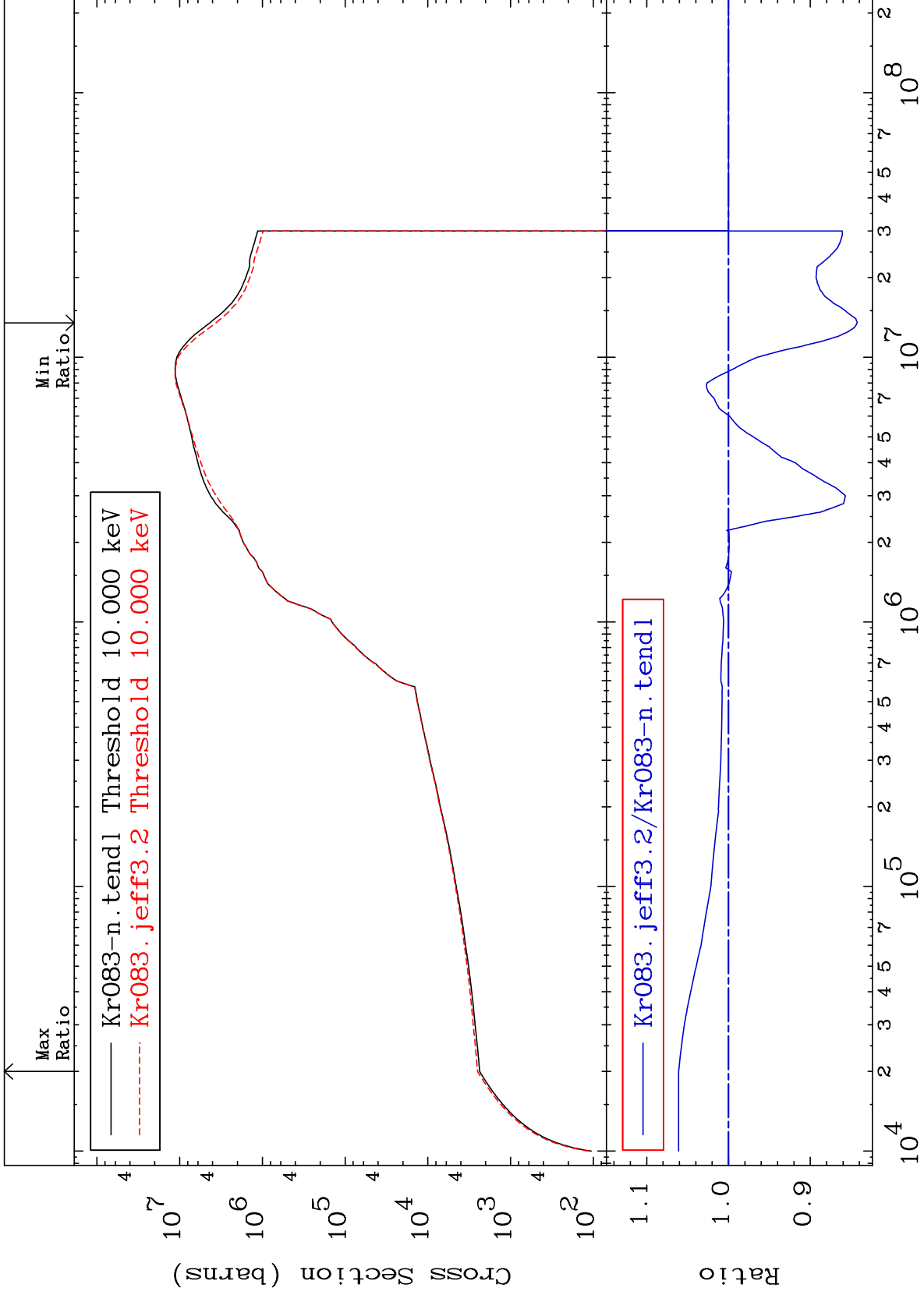




MAT 3640

Kerma inelastic (mt51-91)  
Cross Section

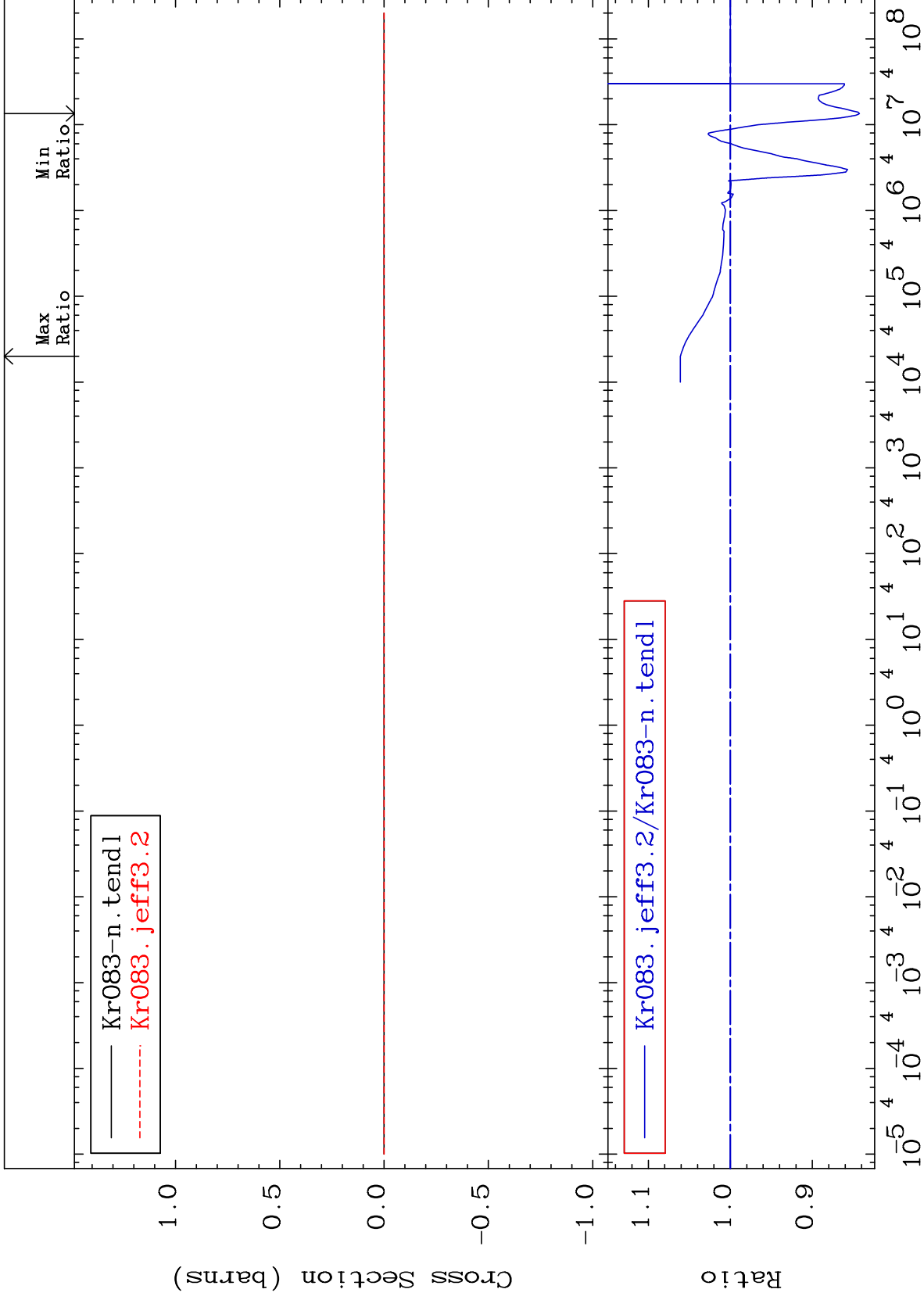
36-Kr-83  
-15.74 To 6.099 %



71

Incident Energy (eV)

36-Kr-83

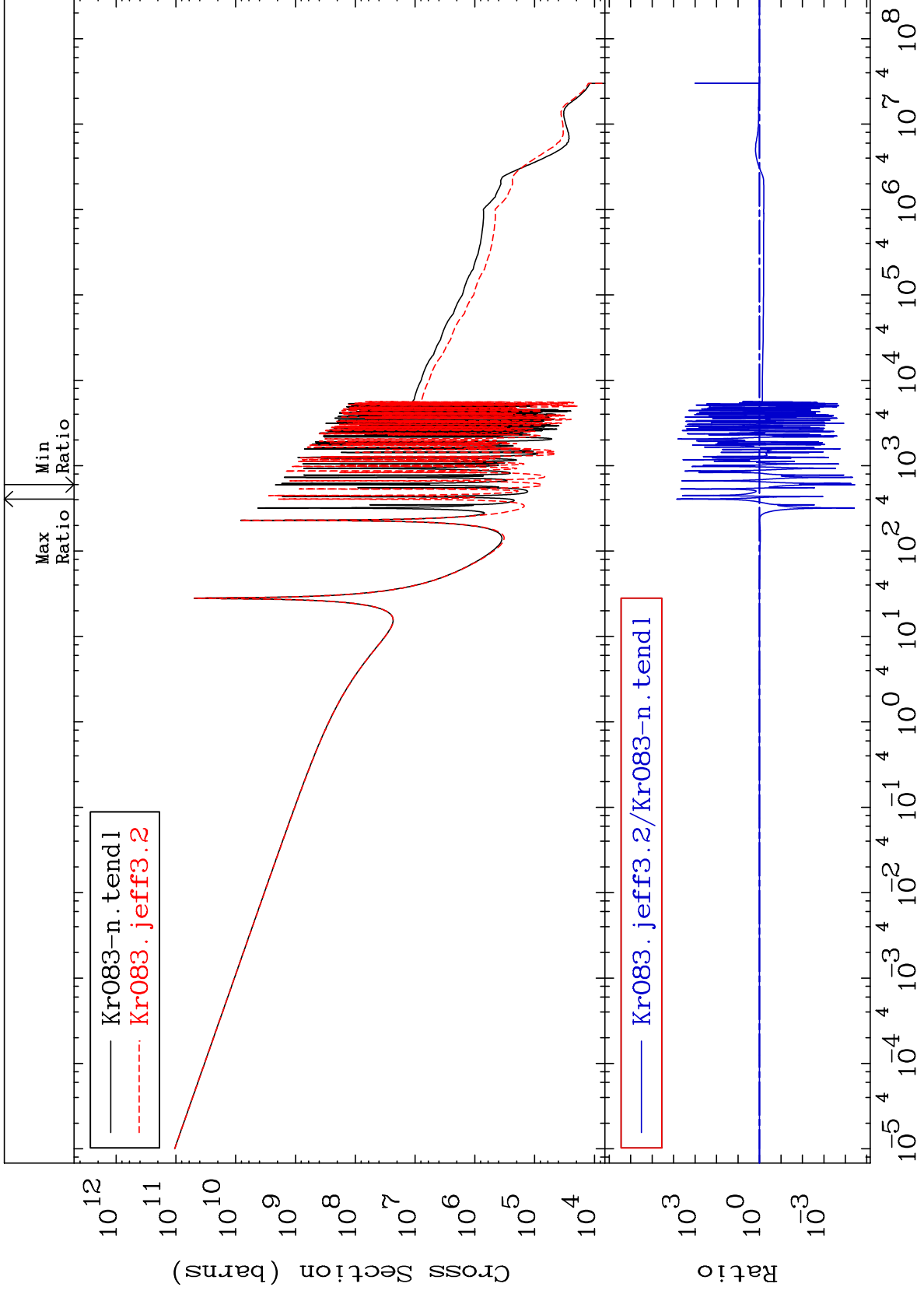


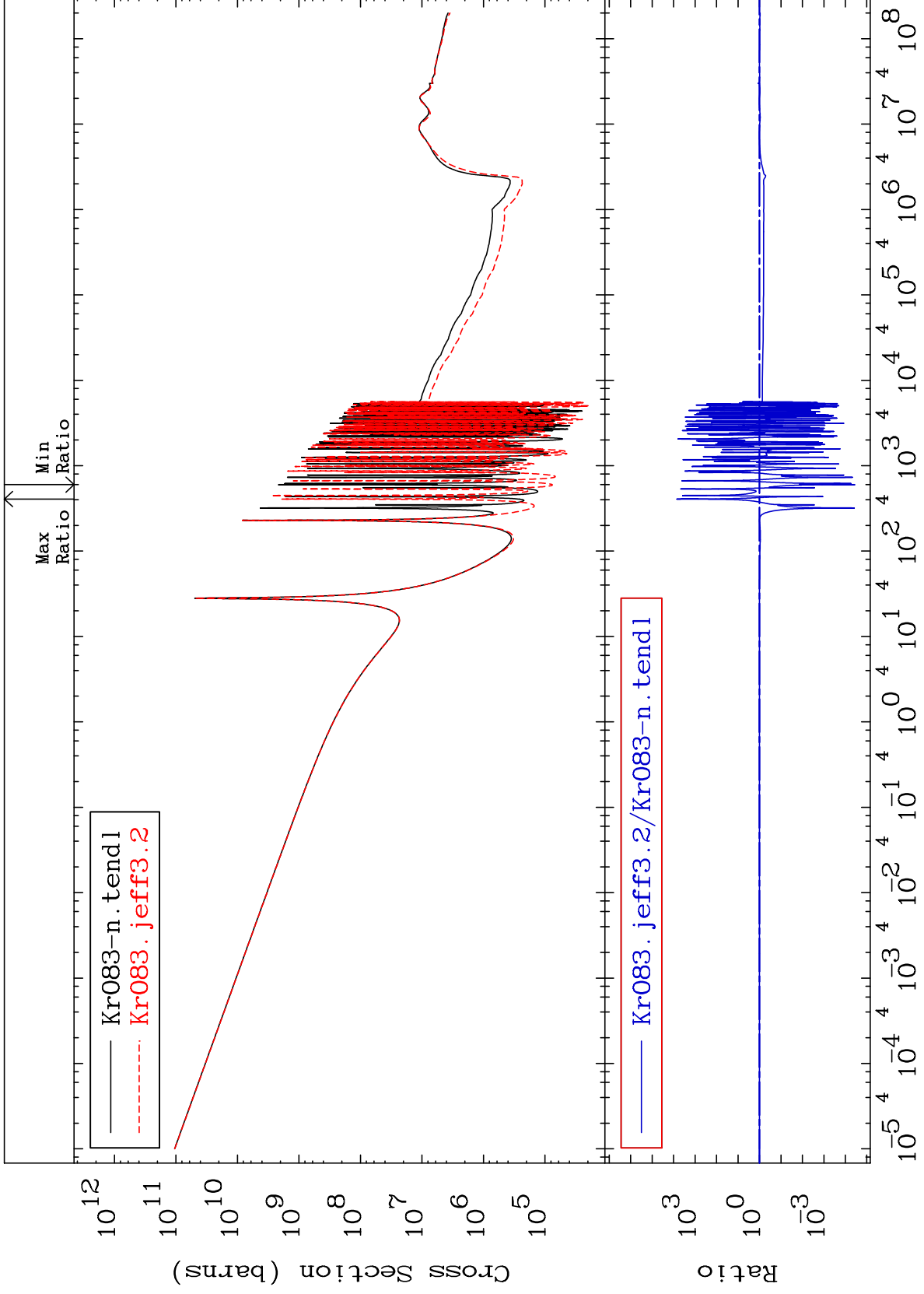


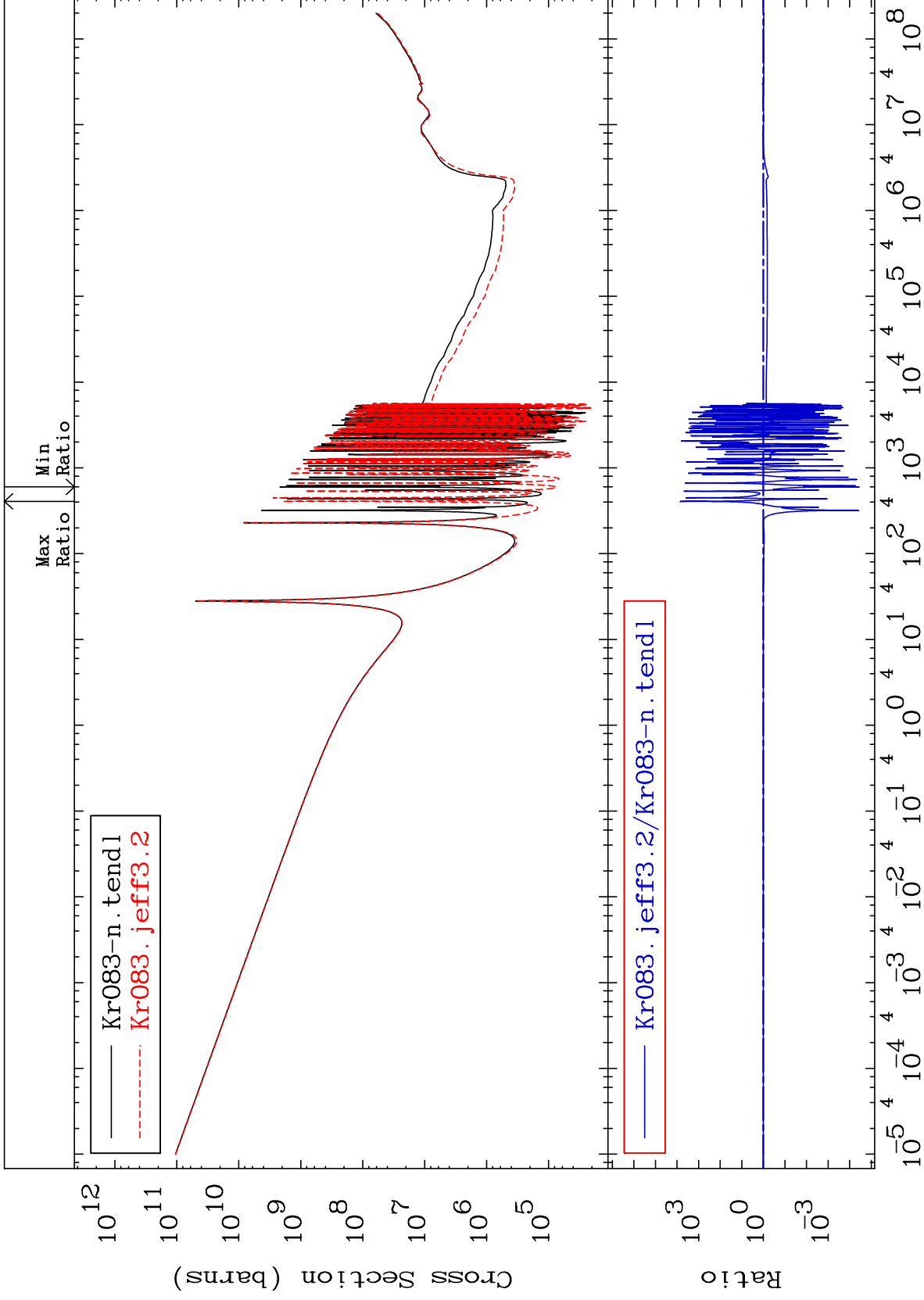
MAT 3640

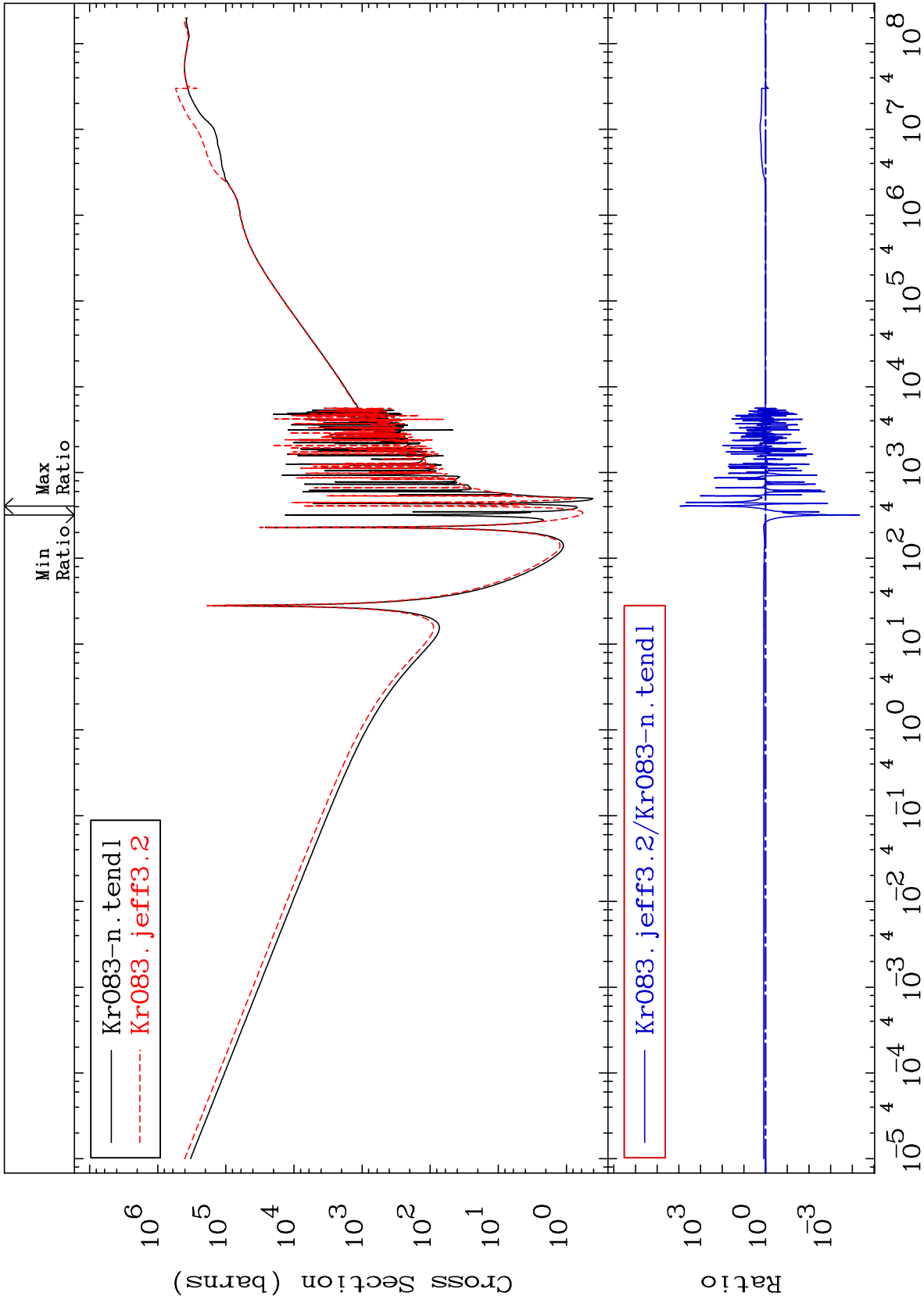
Kerma capture (mt102)  
Cross Section

36-Kr-83  
-100.0 To 9999. %





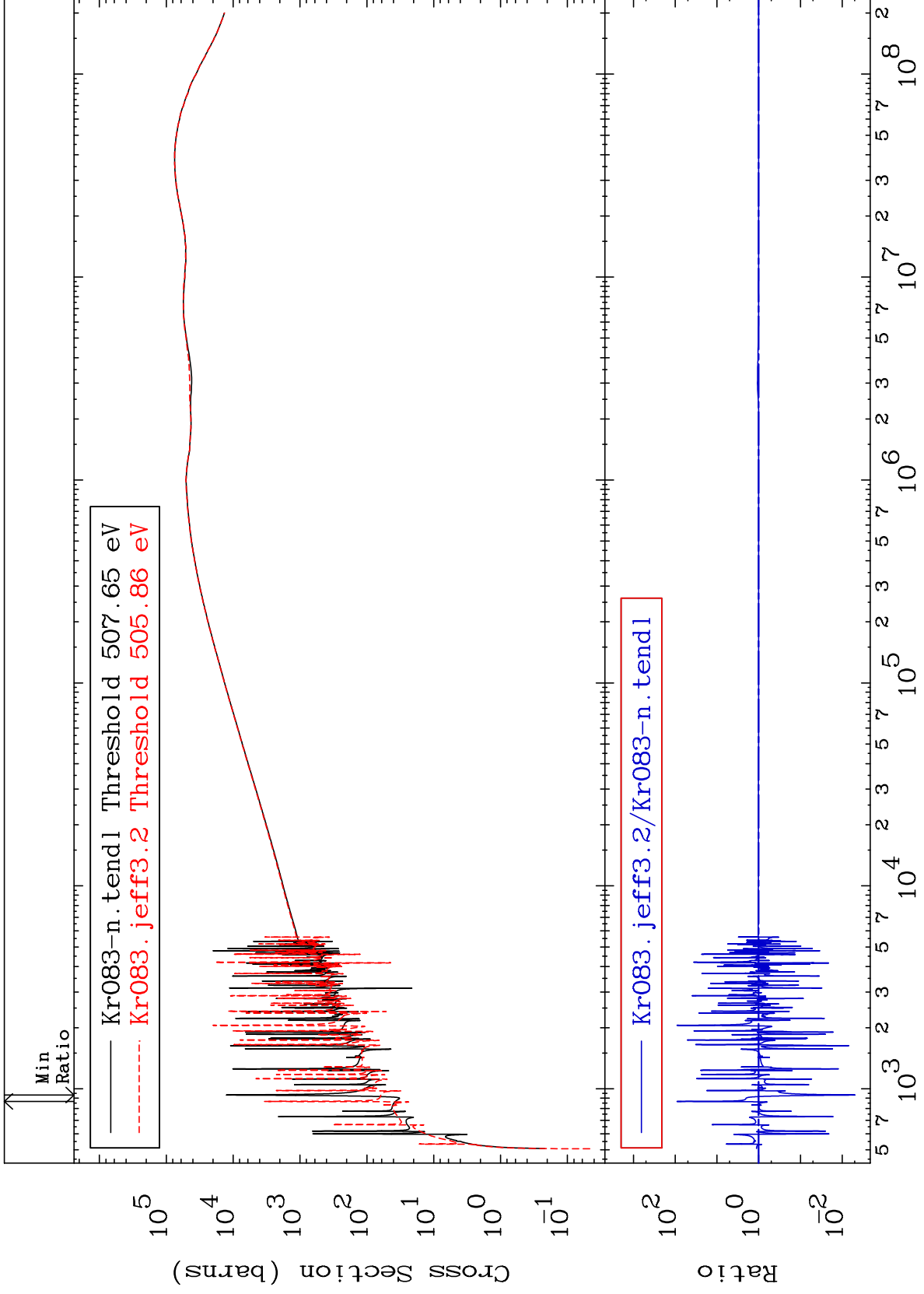




MAT 3640

Dpa elastic (mt2)  
Cross Section

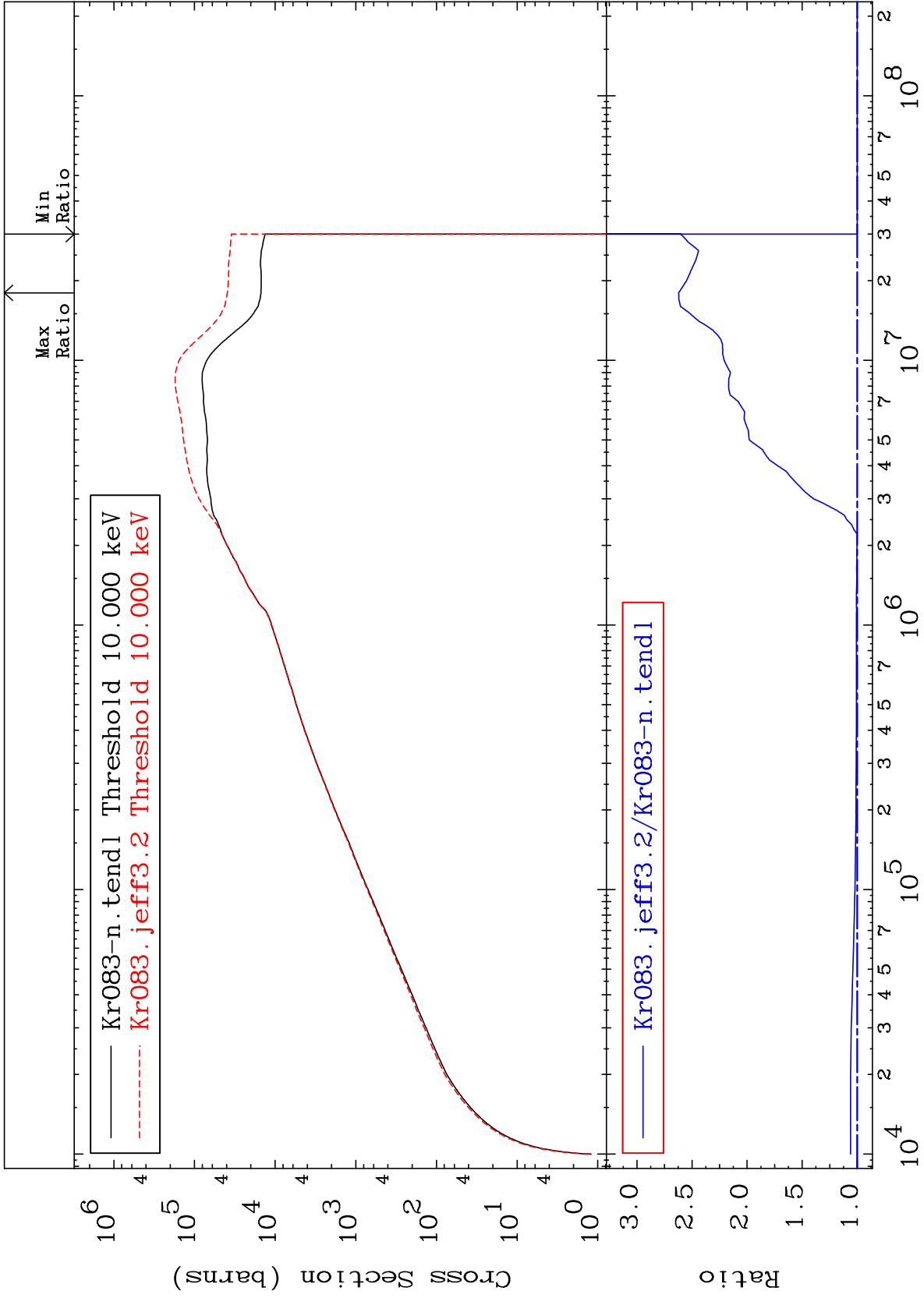
36-Kr-83  
-99.51 To 9006. %



MAT 3640

Dpa inelastic (mt51-91)  
Cross Section

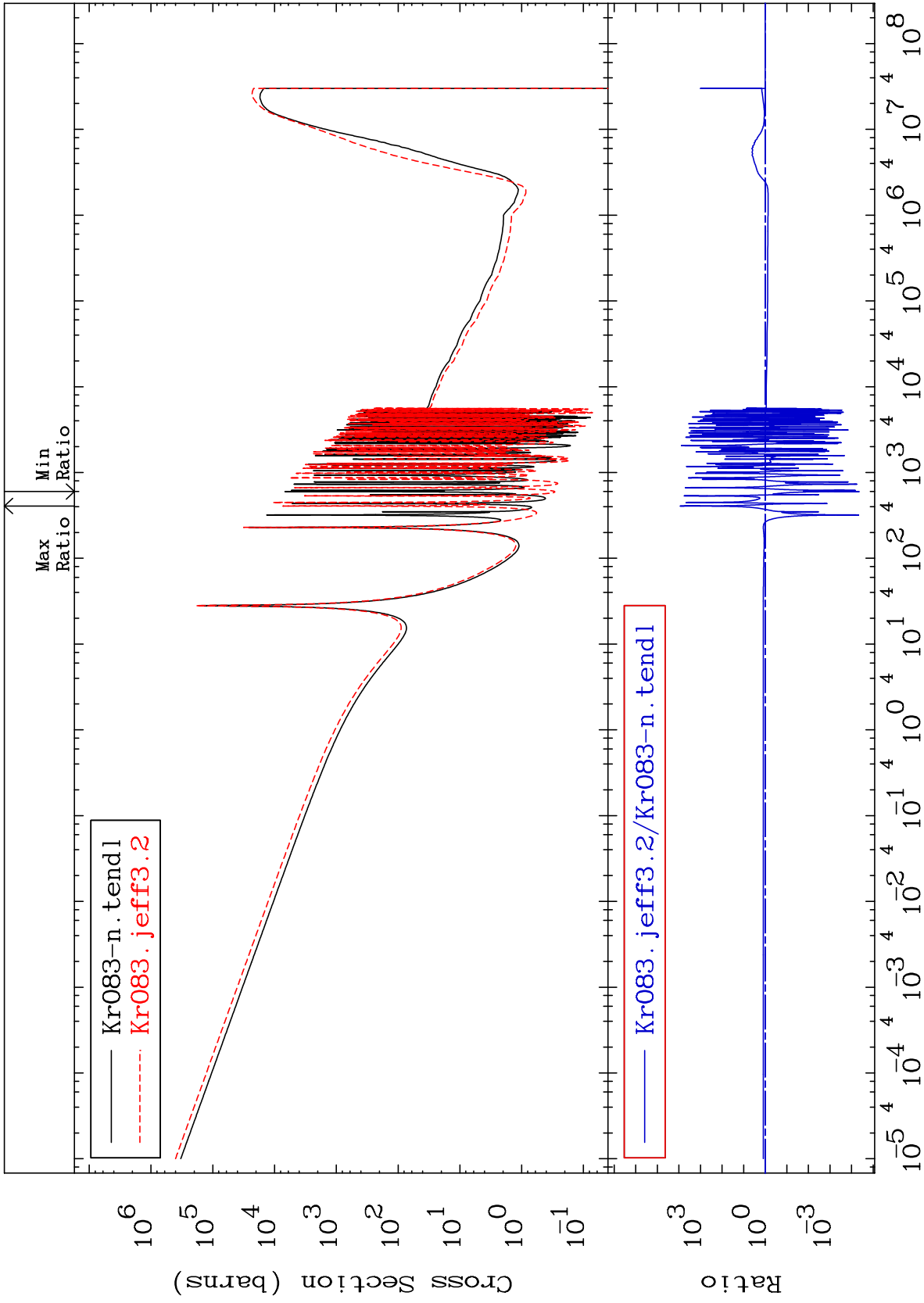
36-Kr-83  
To 162.2 %



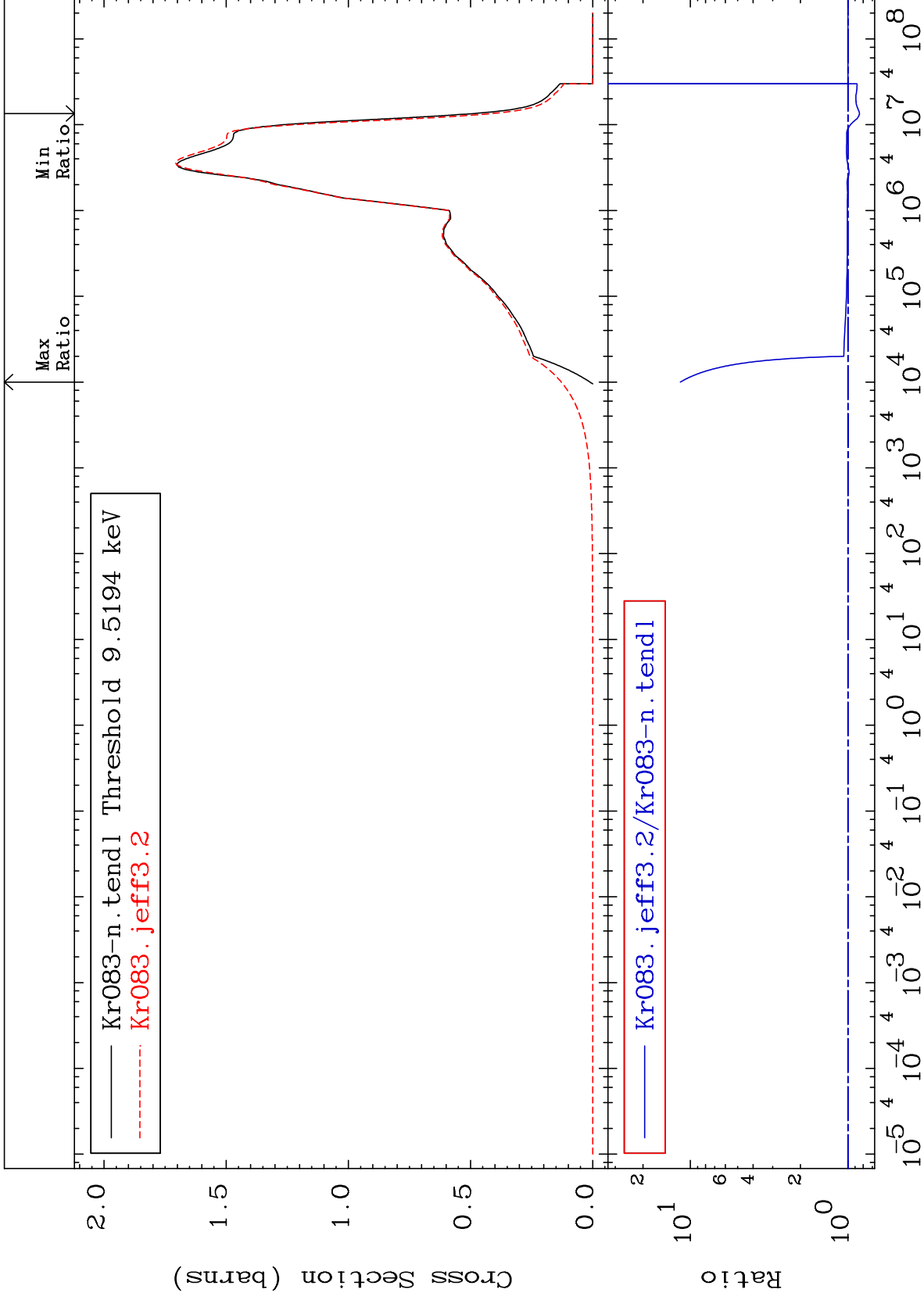
78

Incident Energy (eV)

36-Kr-83

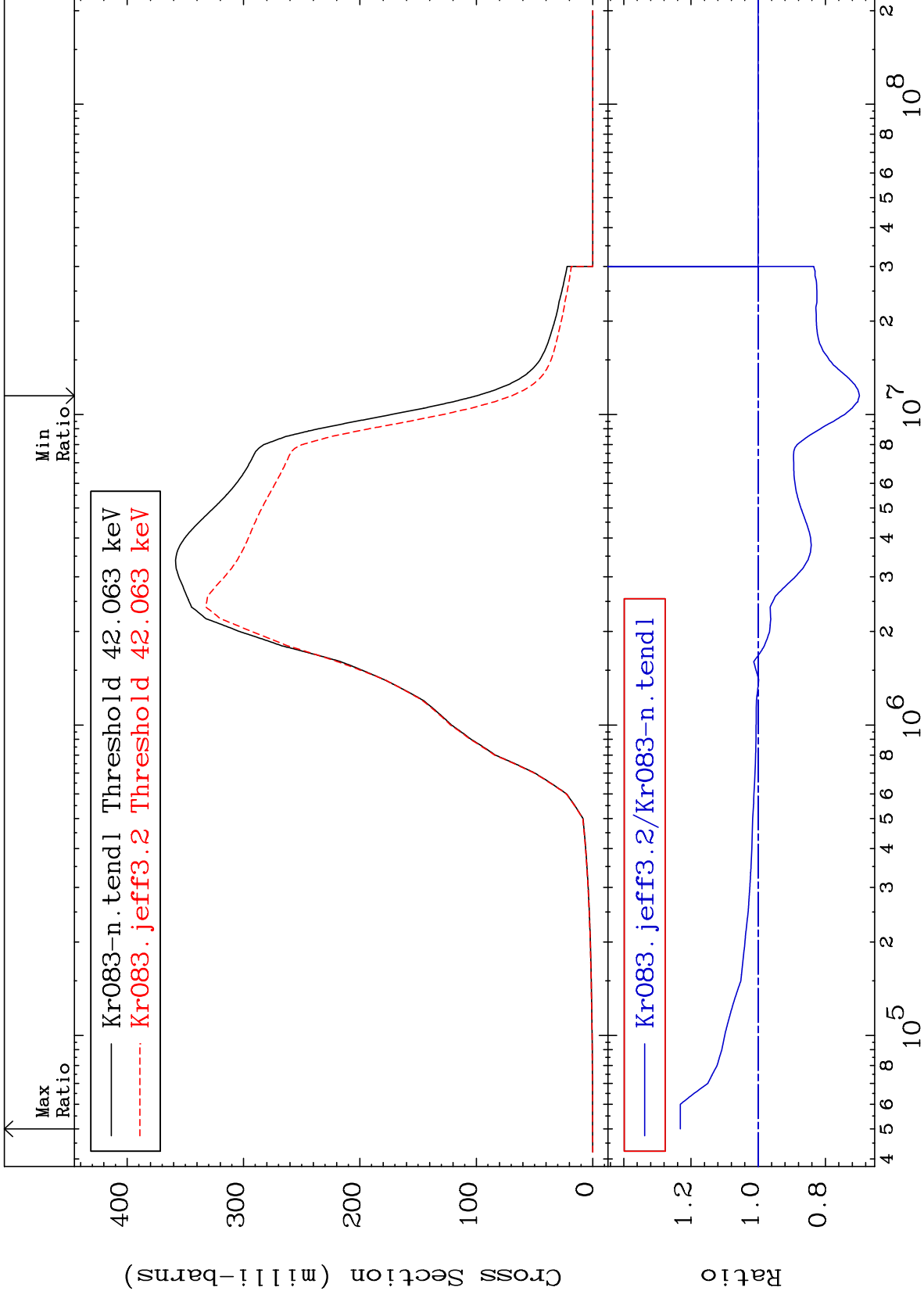


Radionuclide Production Cross Section -15.55 To 1057. %





Radionuclide Production Cross Section -30.13 To 23.17 %

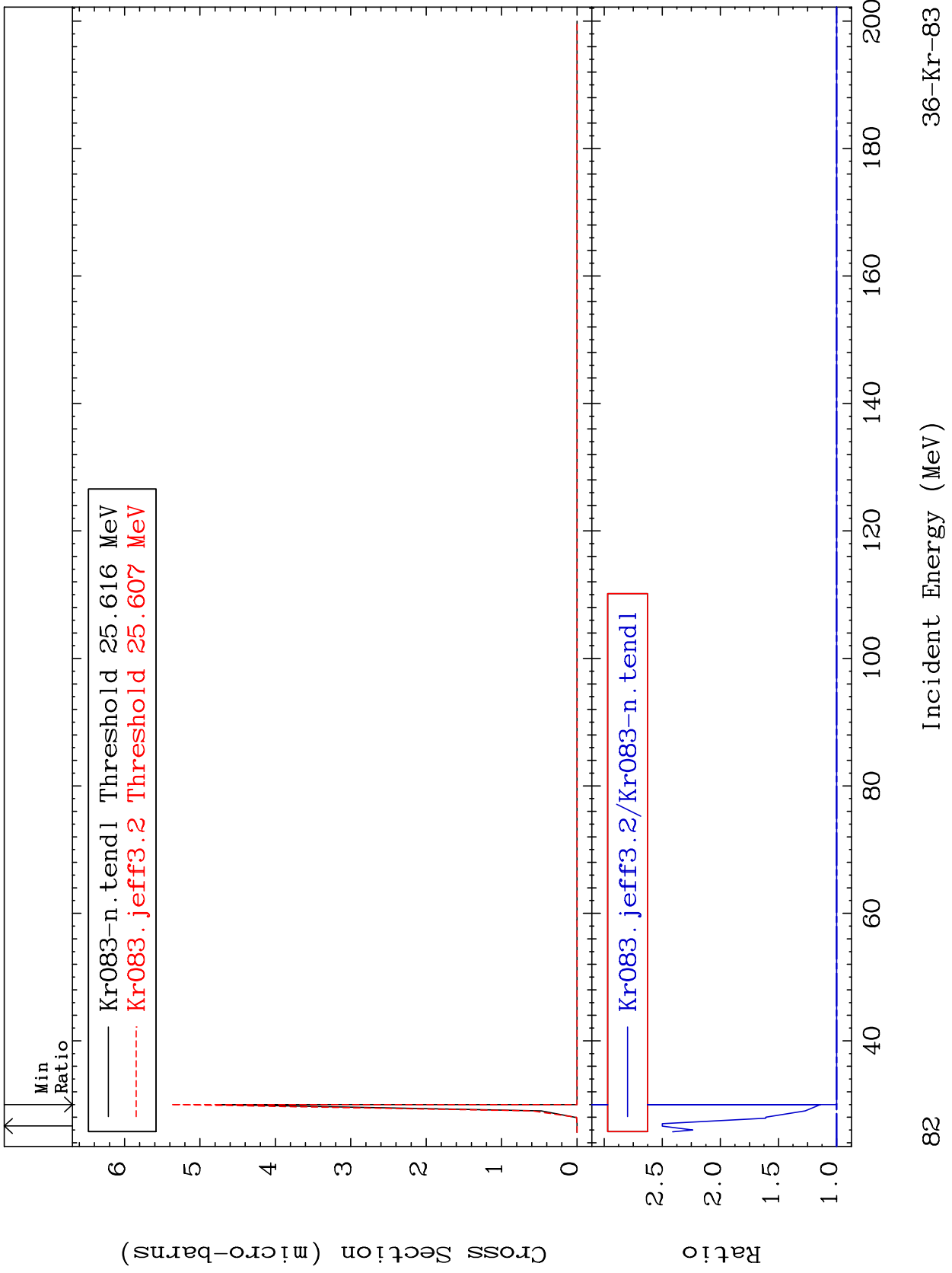


MAT 3640

(n,2n) d:35-Br-80g

36-Kr-83

Radionuclide Production Cross Section 0.000 To 150.0 %

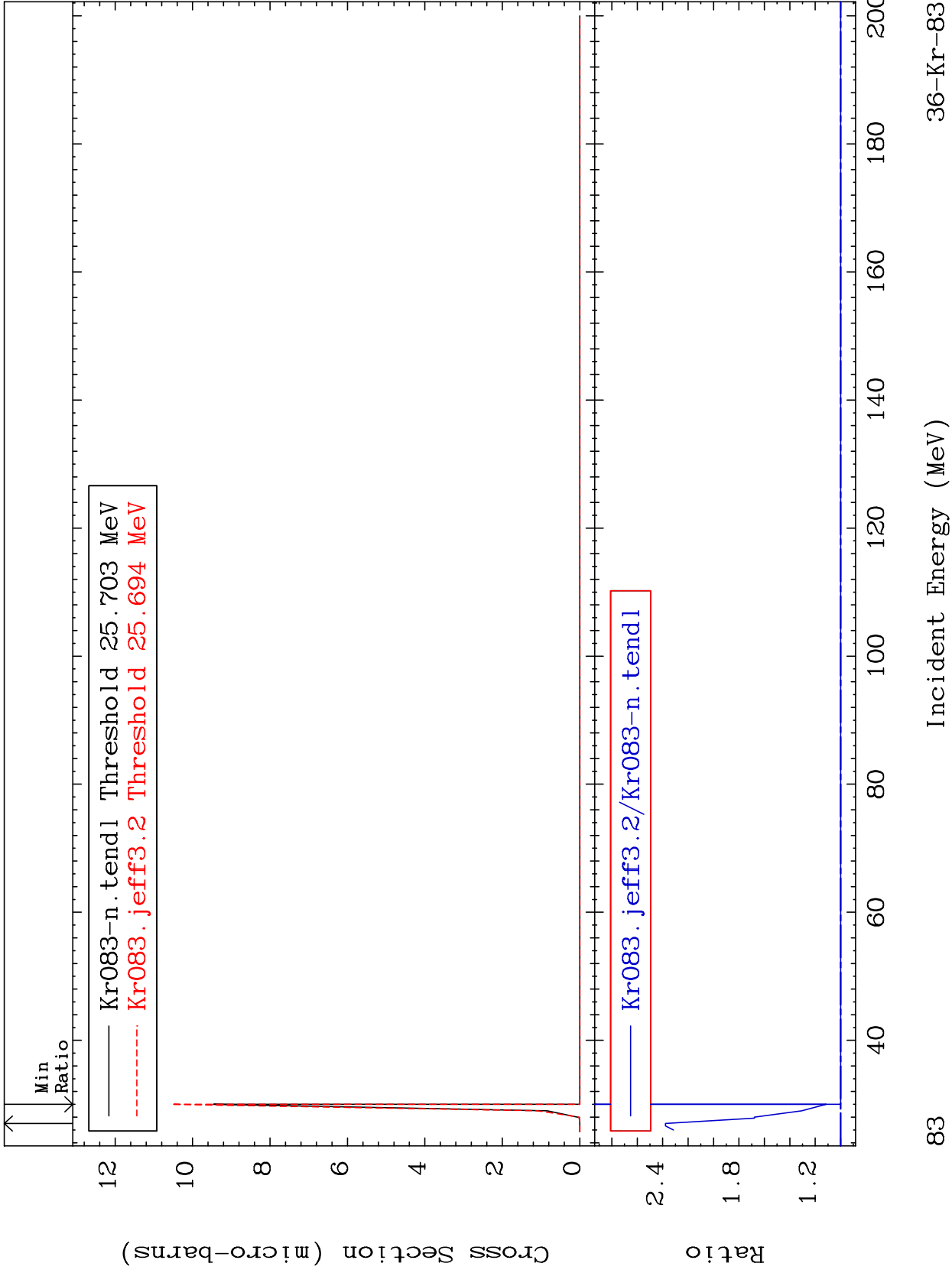


MAT 3640

(n,2n) d:35-Br-80m2

36-Kr-83

Radionuclide Production Cross Section 0.000 To 137.8 %



83

Incident Energy (MeV)

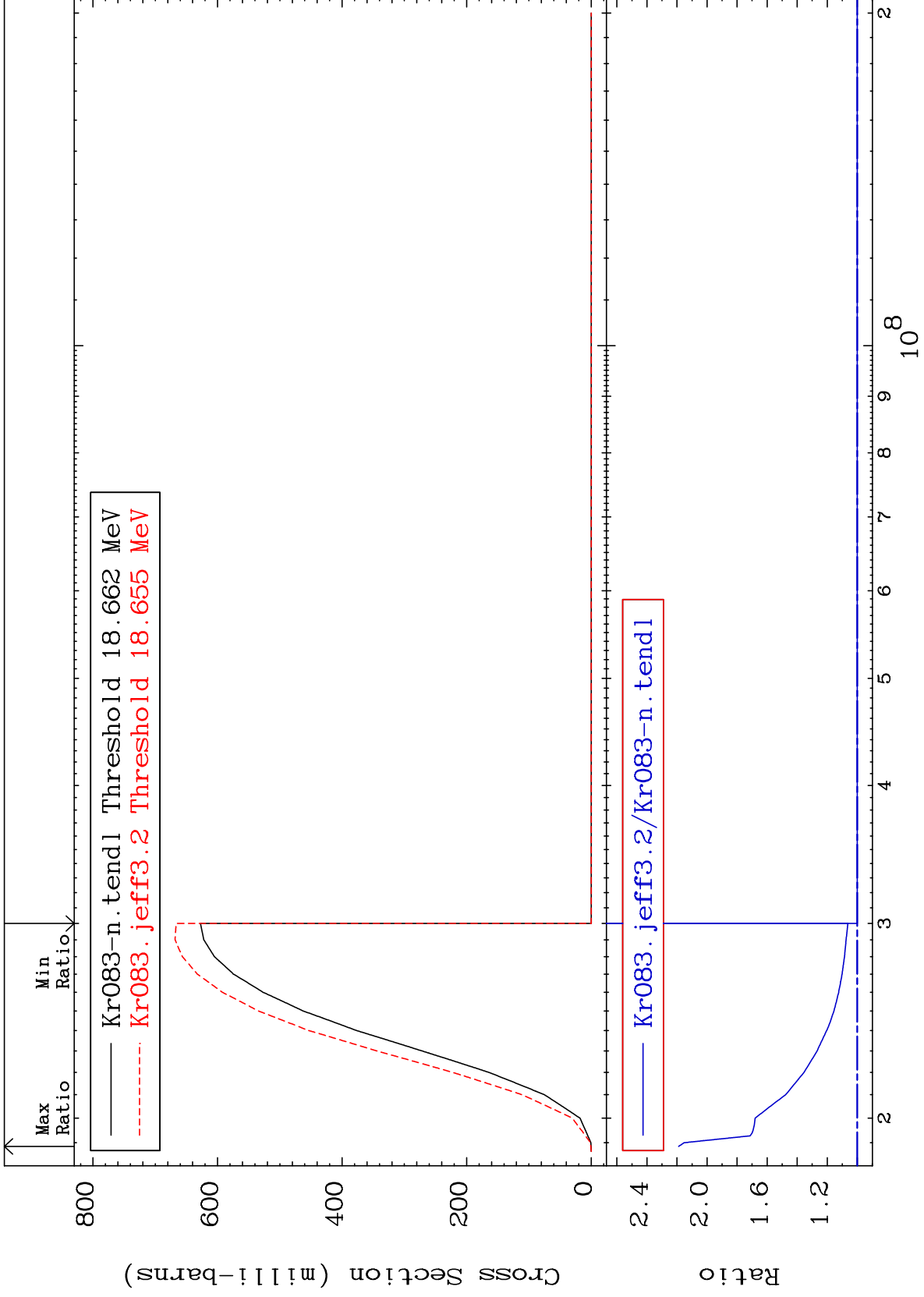
36-Kr-83

MAT 3640

(n,3n):36-Kr-81g

36-Kr-83

Radionuclide Production Cross Section 0.000 To 118.9 %

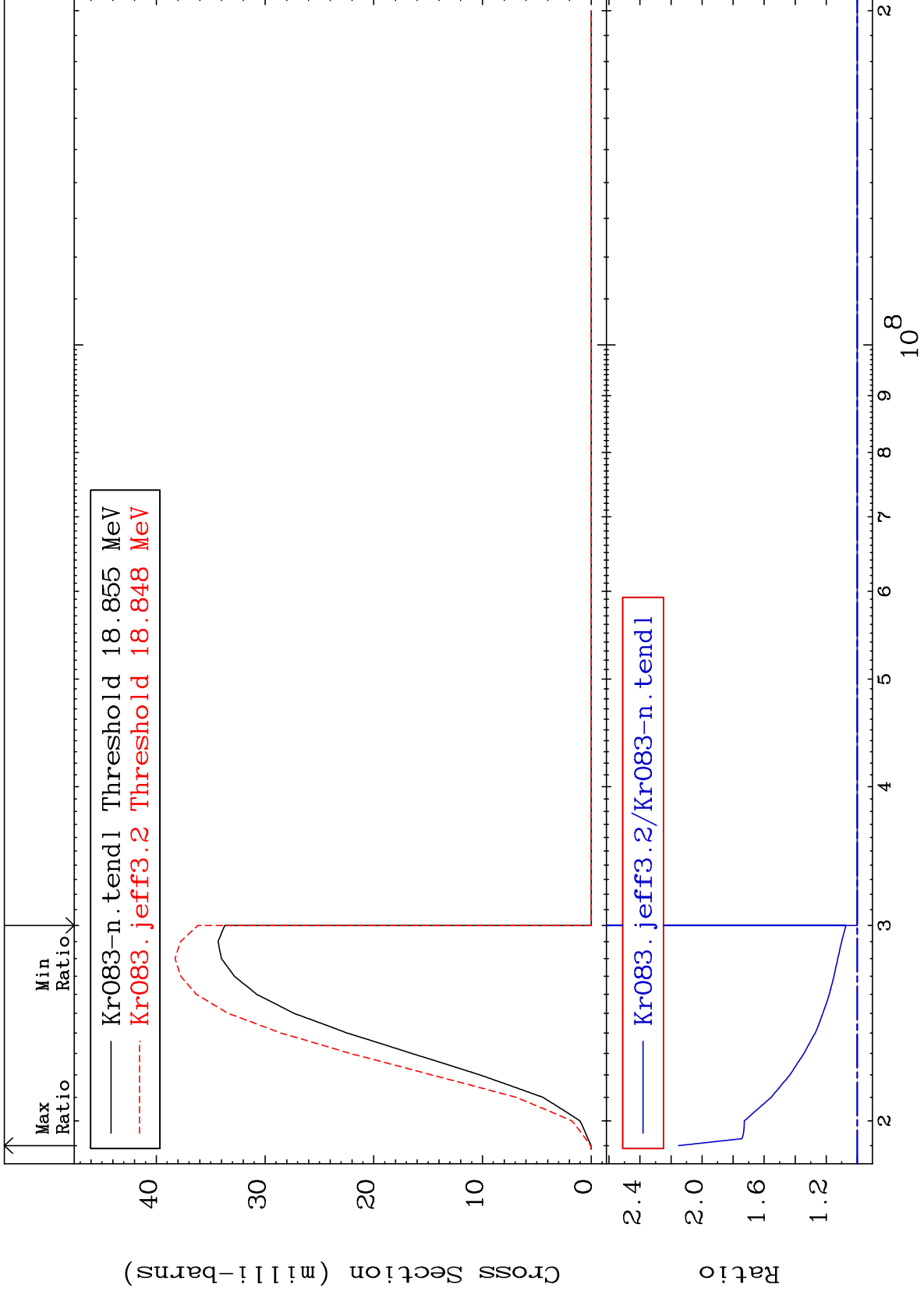


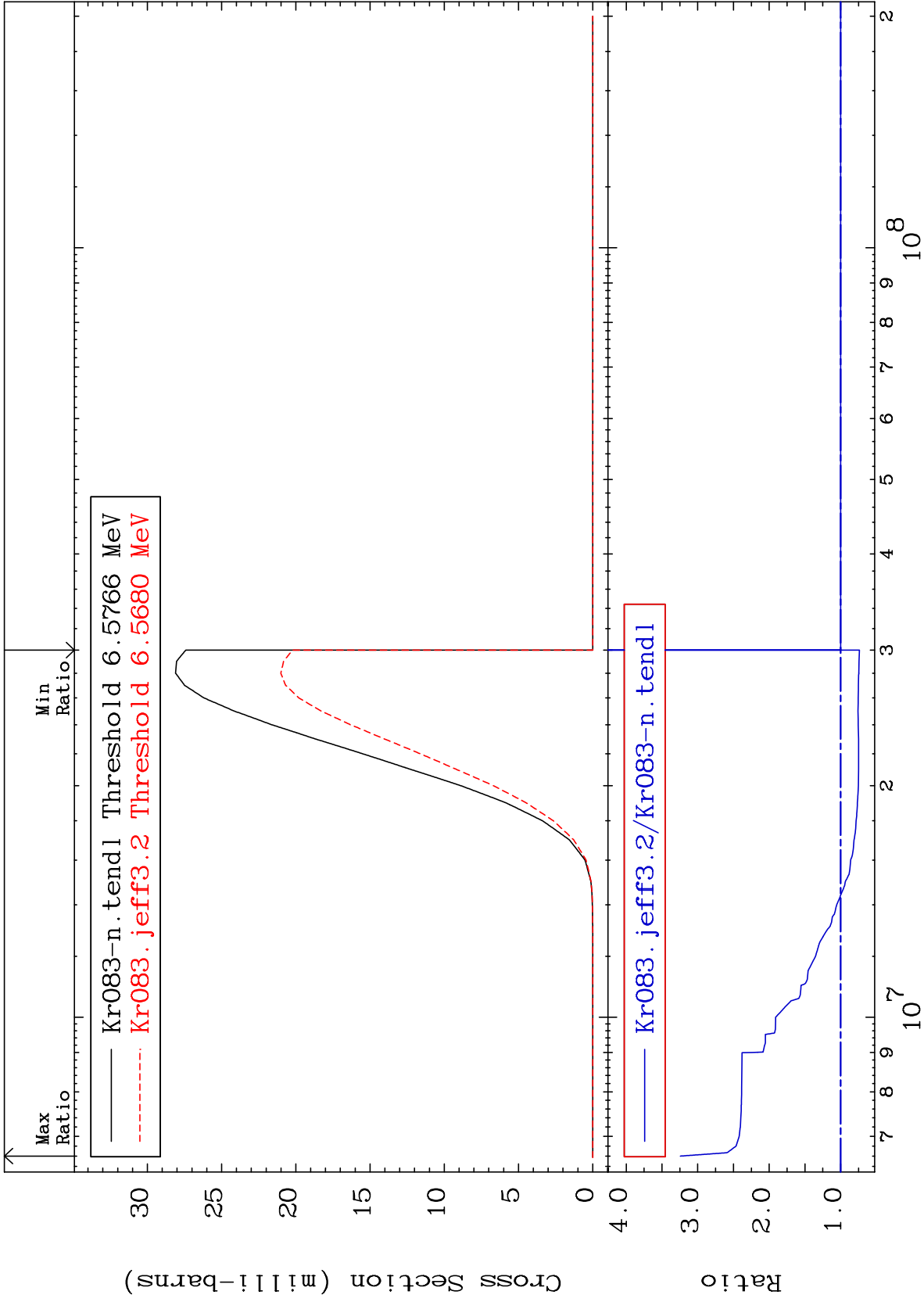
MAT 3640

(n,3n):36-Kr-81m2

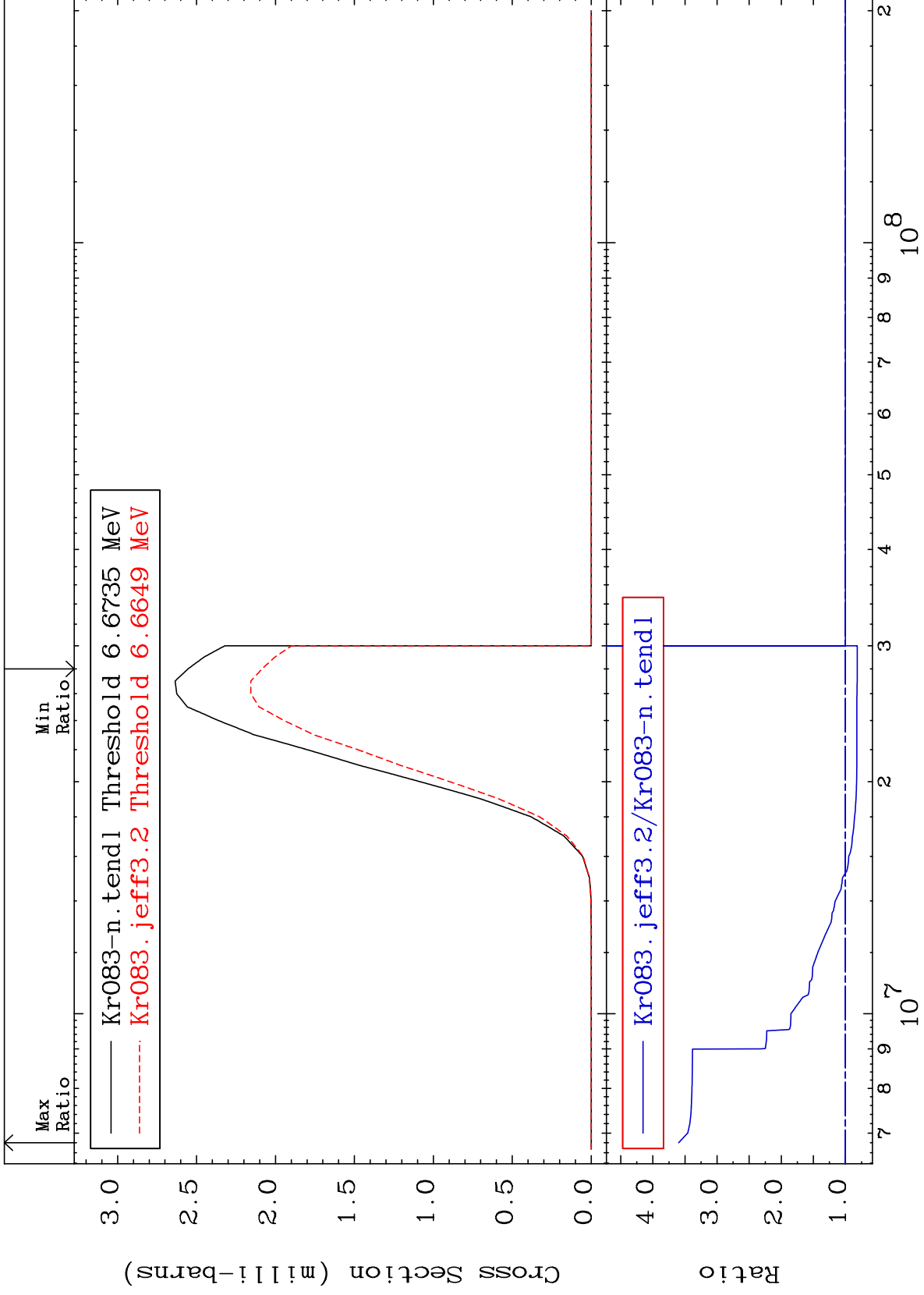
36-Kr-83

Radionuclide Production Cross Section 0.000 To 115.1 %





Radionuclide Production Cross Section -18.36 To 259.9 %

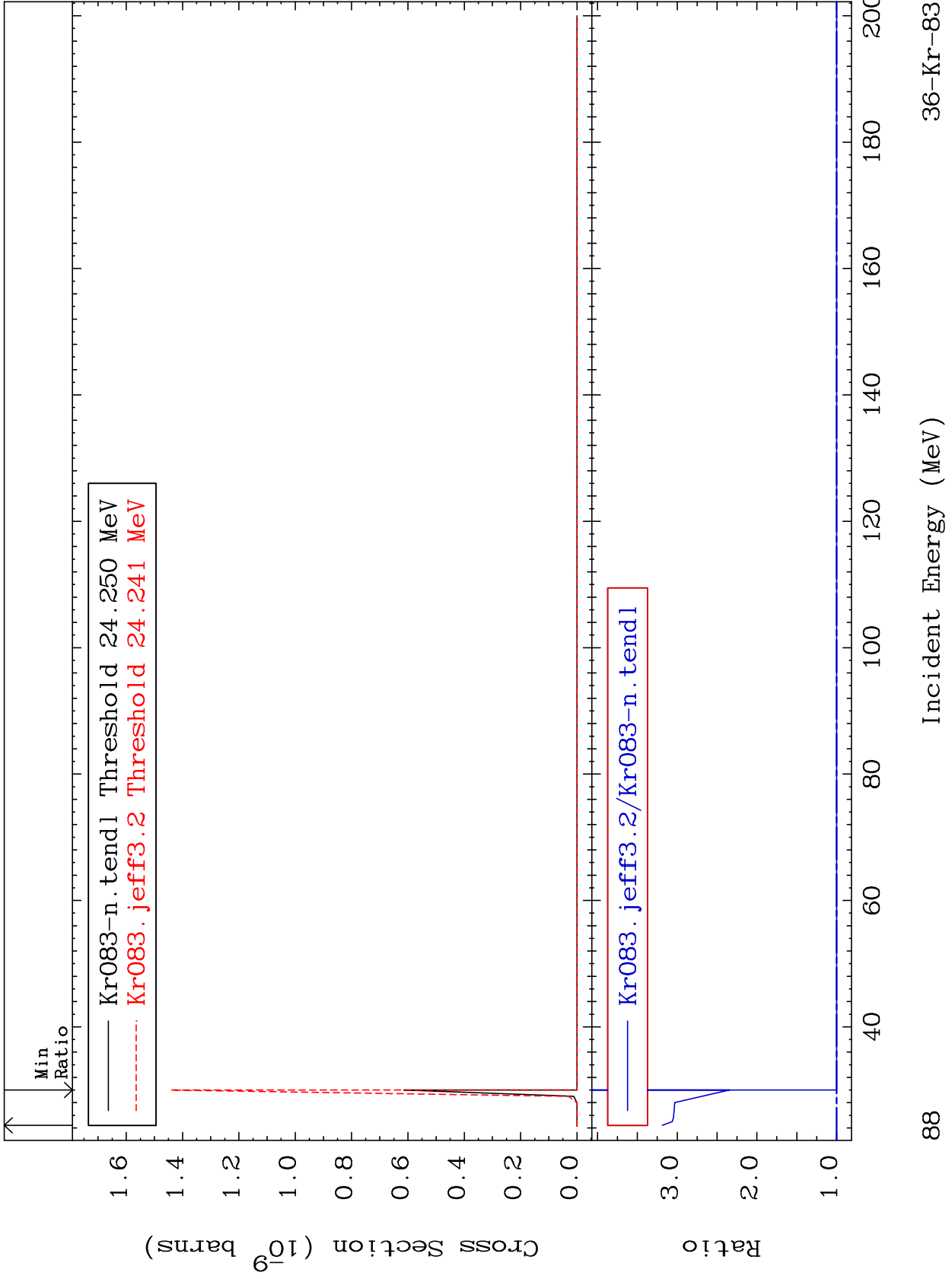


MAT 3640

(n,3n)  $\alpha$ :34-Se-77g

36-Kr-83

Radionuclide Production Cross Section 0.000 To 218.7 %



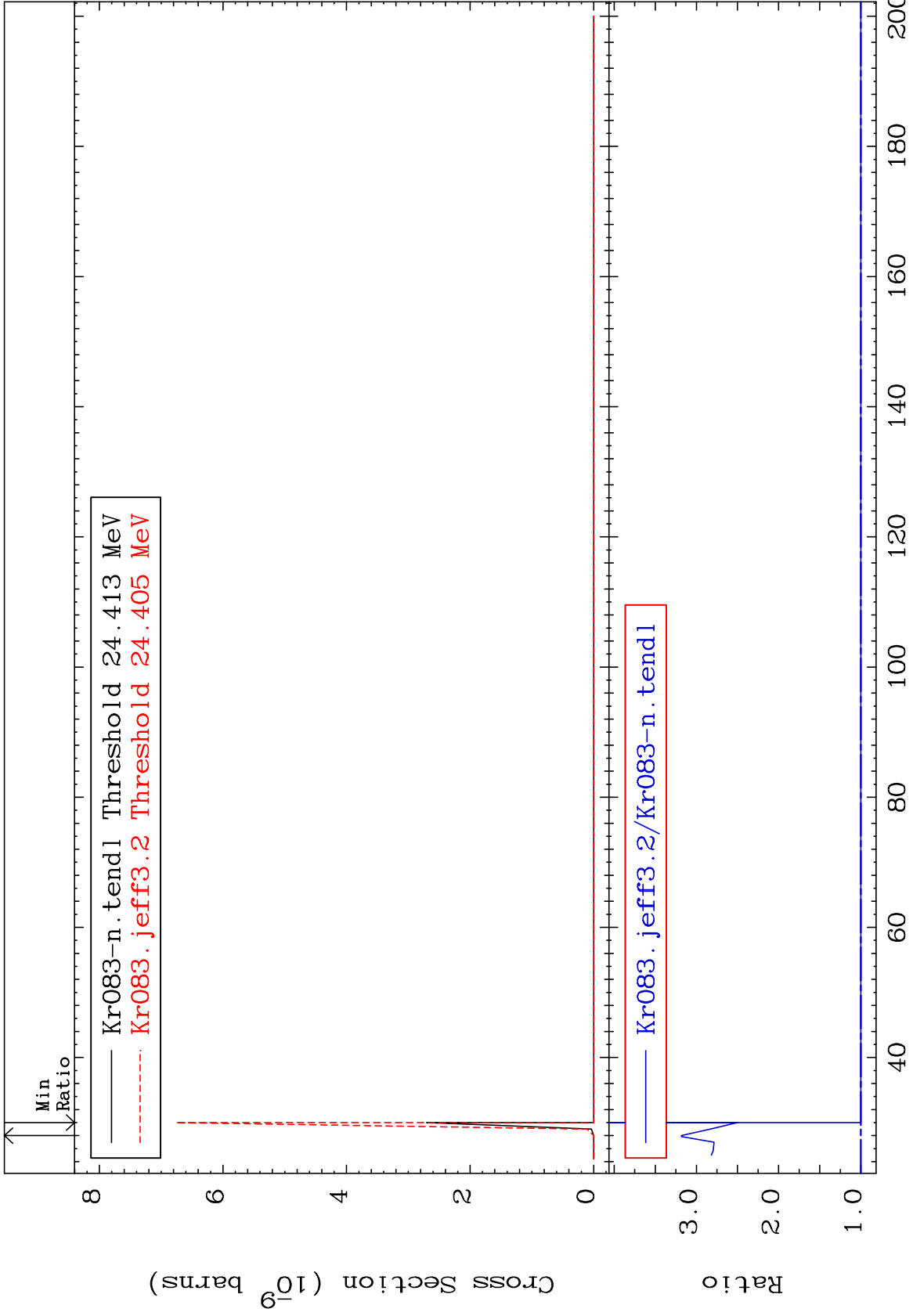


MAT 3640

(n,3n)  $\alpha$ :34-Se-77m1

36-Kr-83

Radionuclide Production Cross Section 0.000 To 218.1 %



89

Incident Energy (MeV)

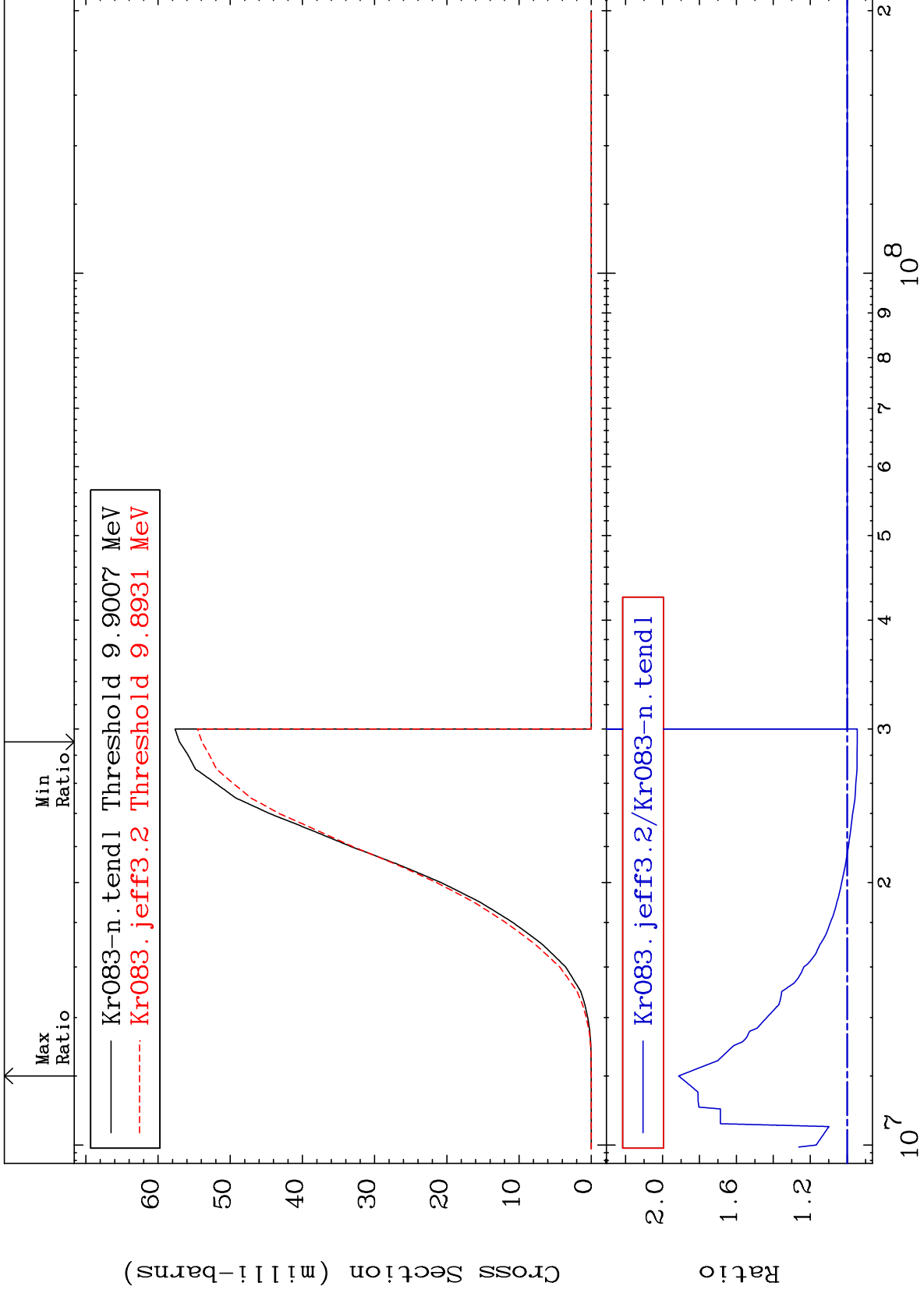
36-Kr-83

MAT 3640

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

36-Kr-83

Radionuclide Production Cross Section -5.457 To 91.28 %



90

Incident Energy (eV)

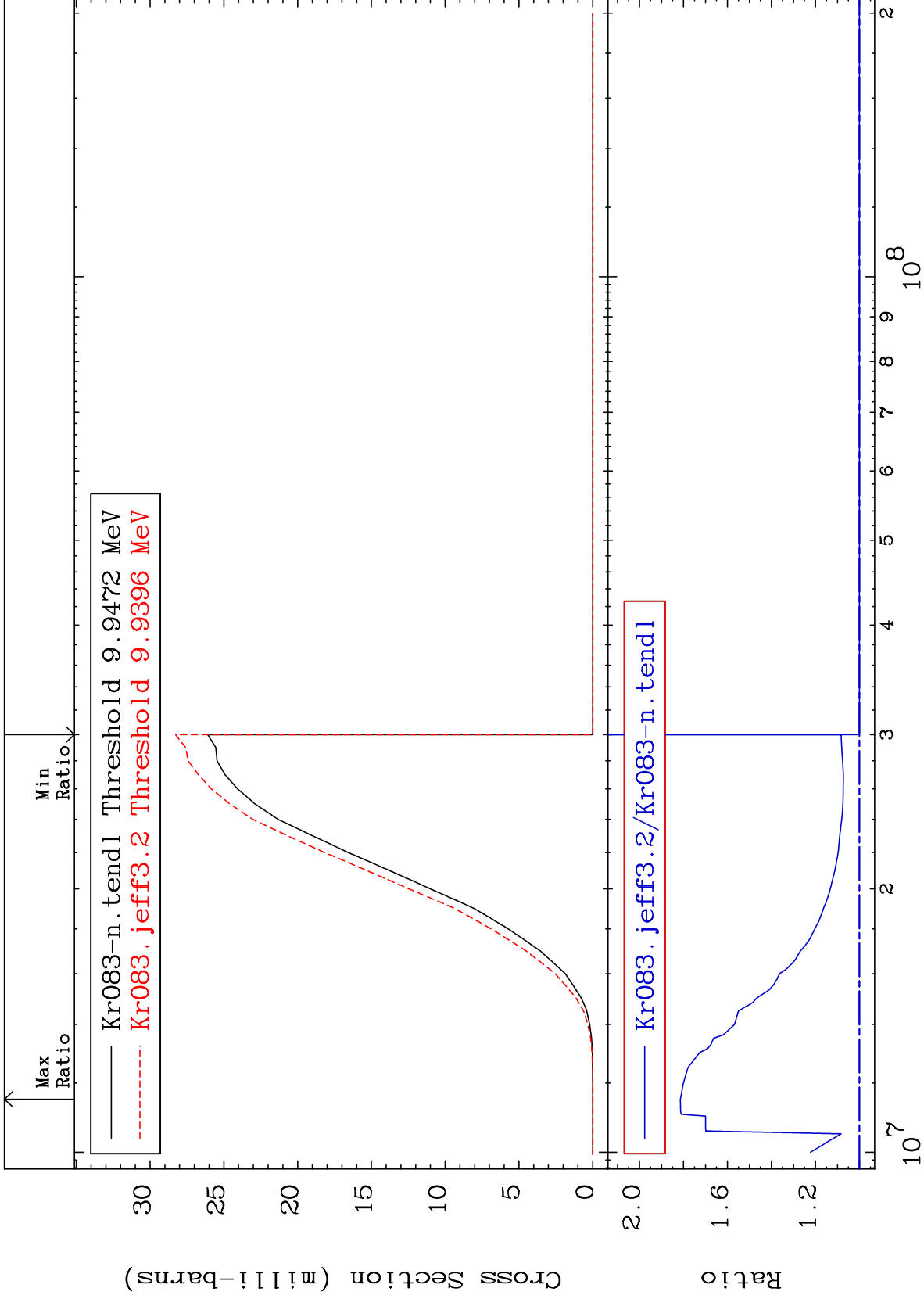
36-Kr-83

MAT 3640

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

36-Kr-83

Radionuclide Production Cross Section 0.000 To 81.43 %



91

Incident Energy (eV)

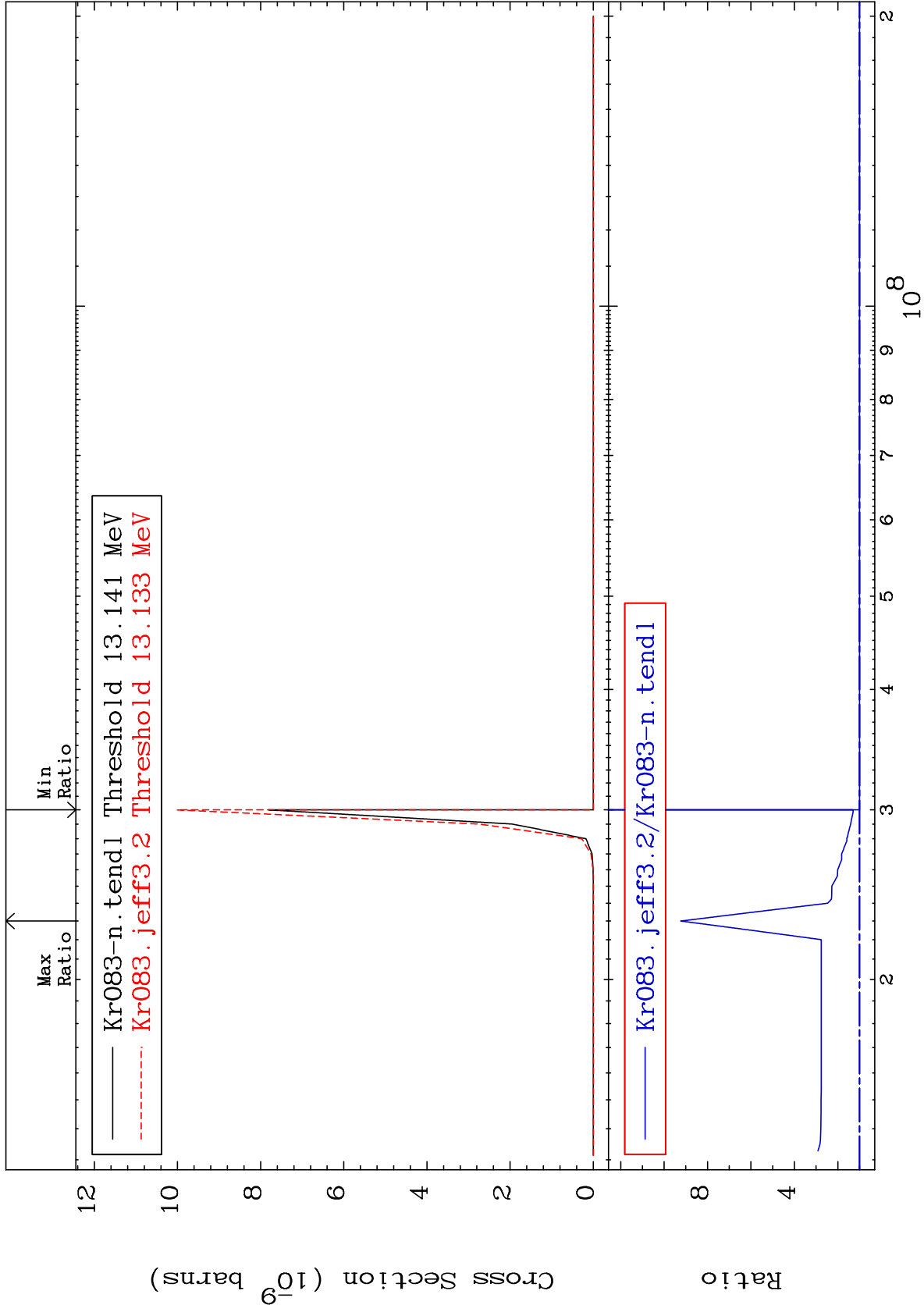
36-Kr-83

MAT 3640

36-Kr-83

(n, n') 2α:32-Ge-75g

Radionuclide Production Cross Section 0.000 To 823.3 %



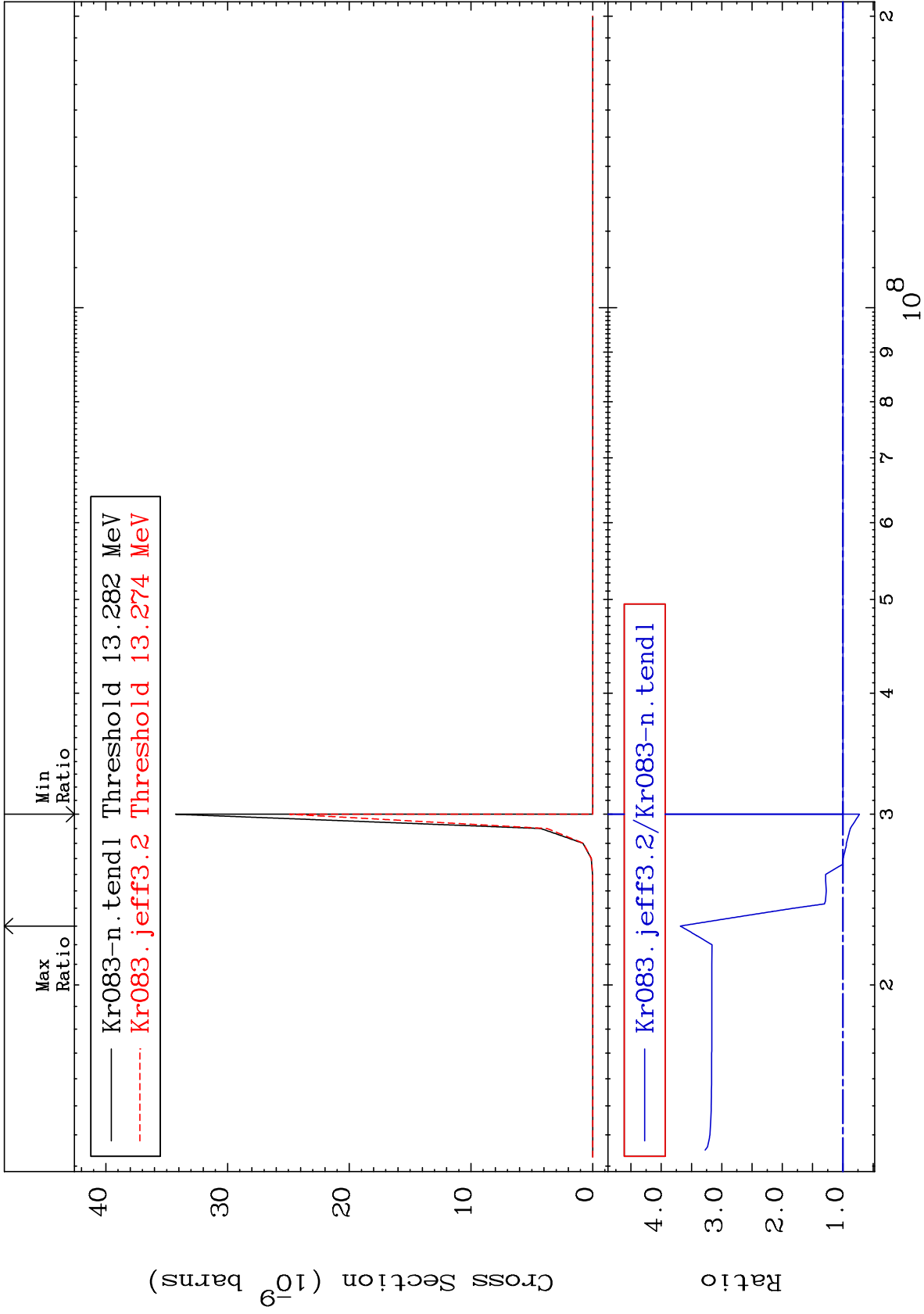
92

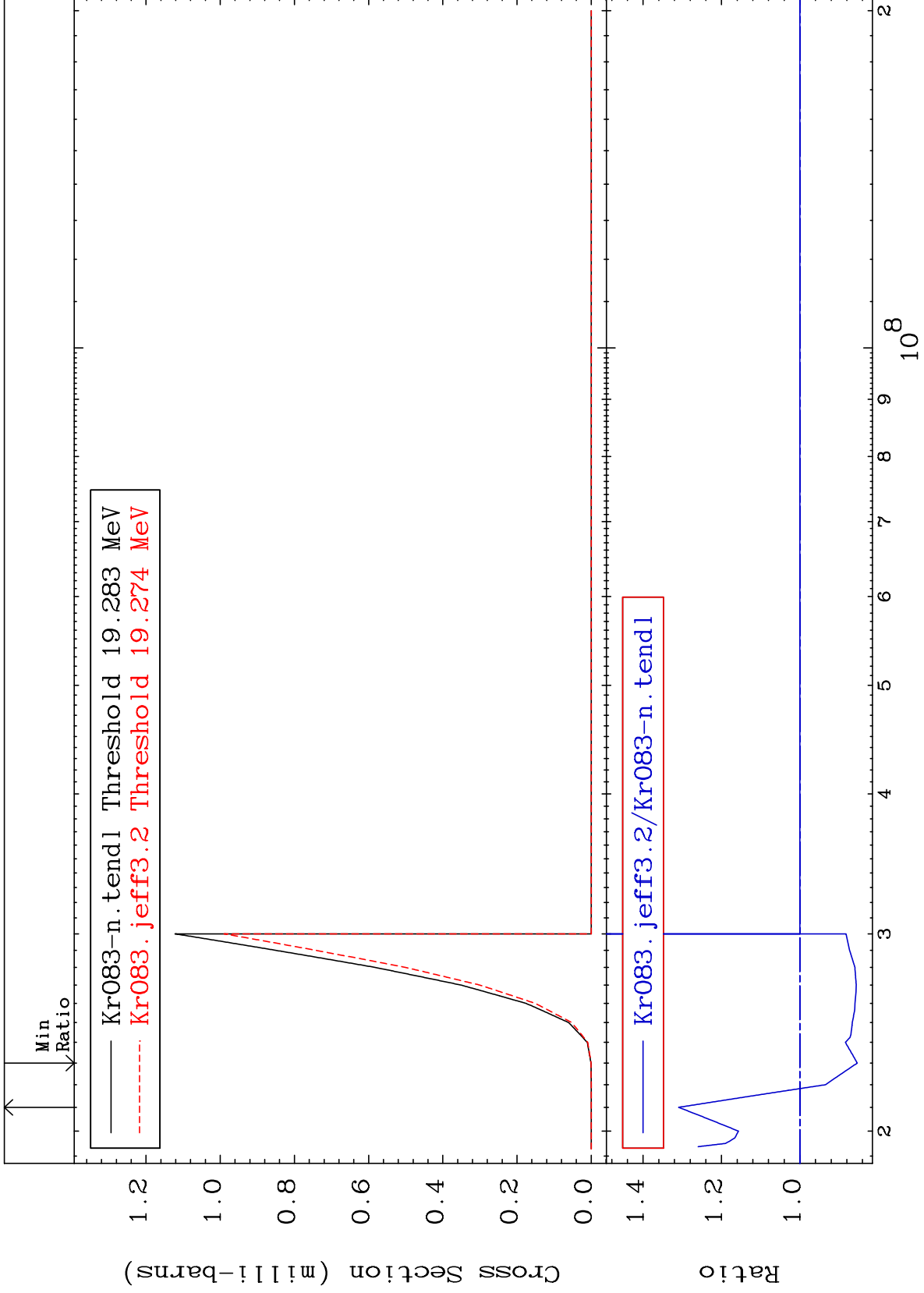
Incident Energy (eV)

36-Kr-83

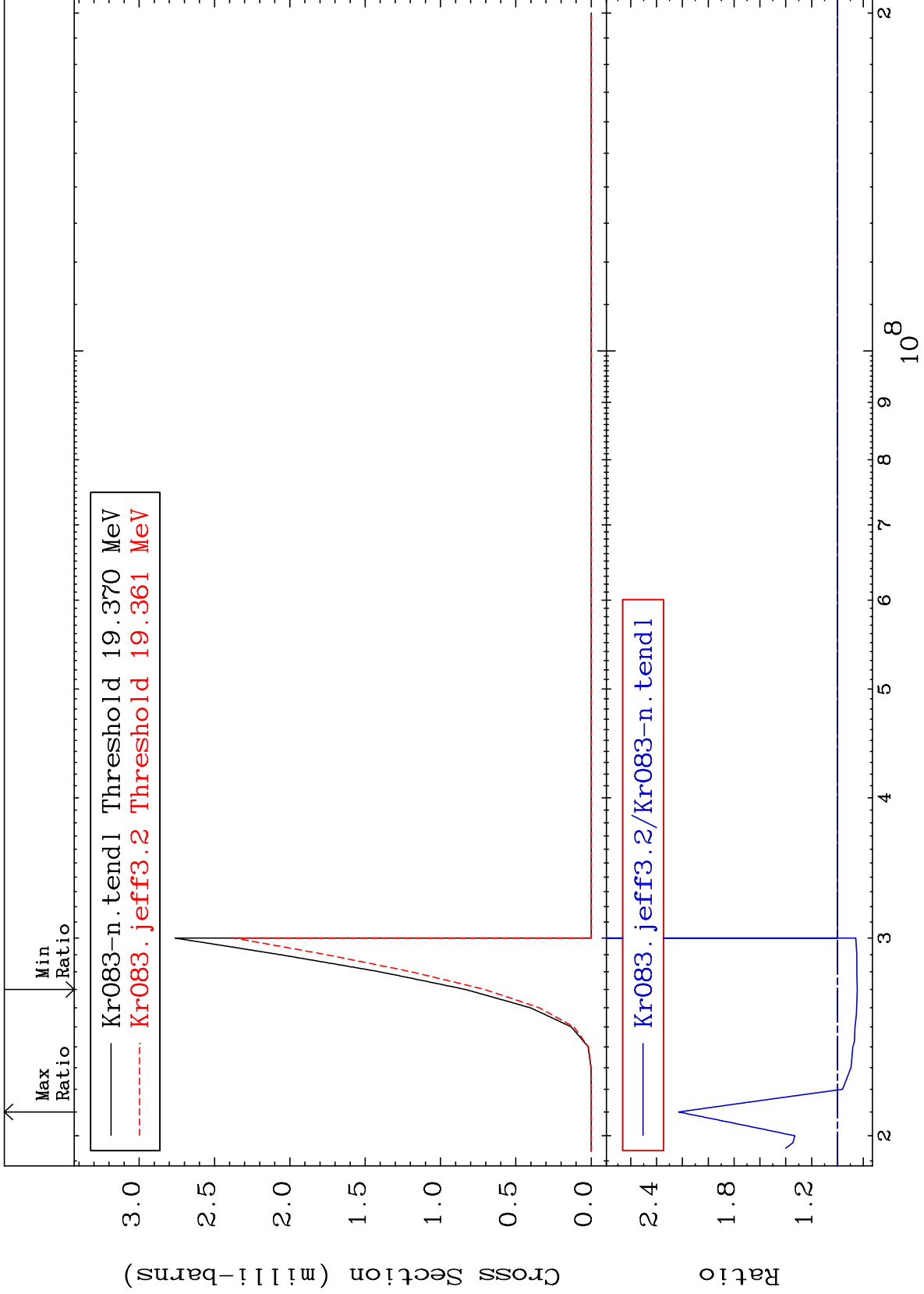
Radionuclide Production Cross Section

-27.37 To 268.4 %





Radionuclide Production Cross Section -15.28 To 122.9 %

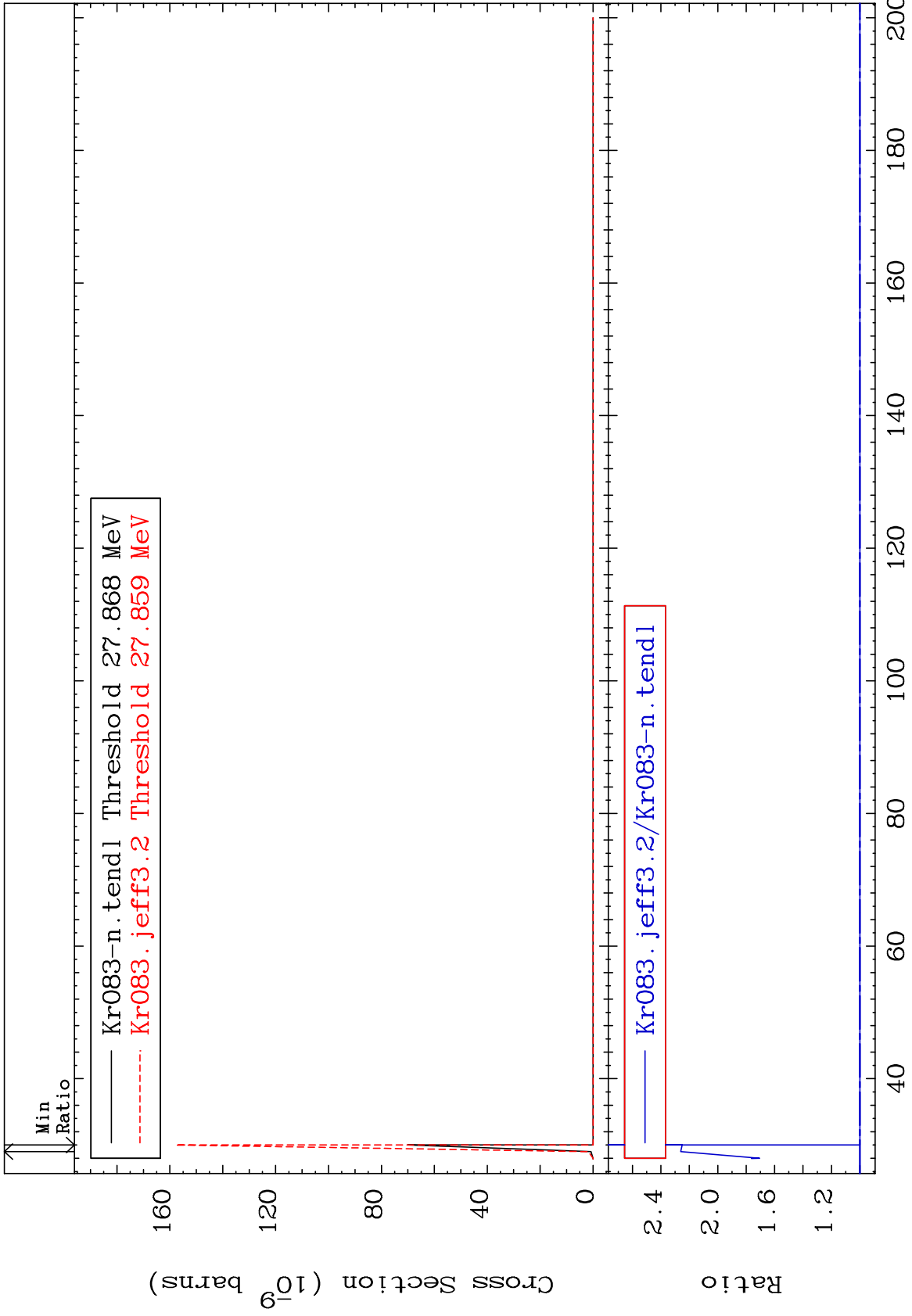


MAT 3640

(n, 3n) p:35-Br-80g

36-Kr-83

Radionuclide Production Cross Section 0.000 To 126.0 %



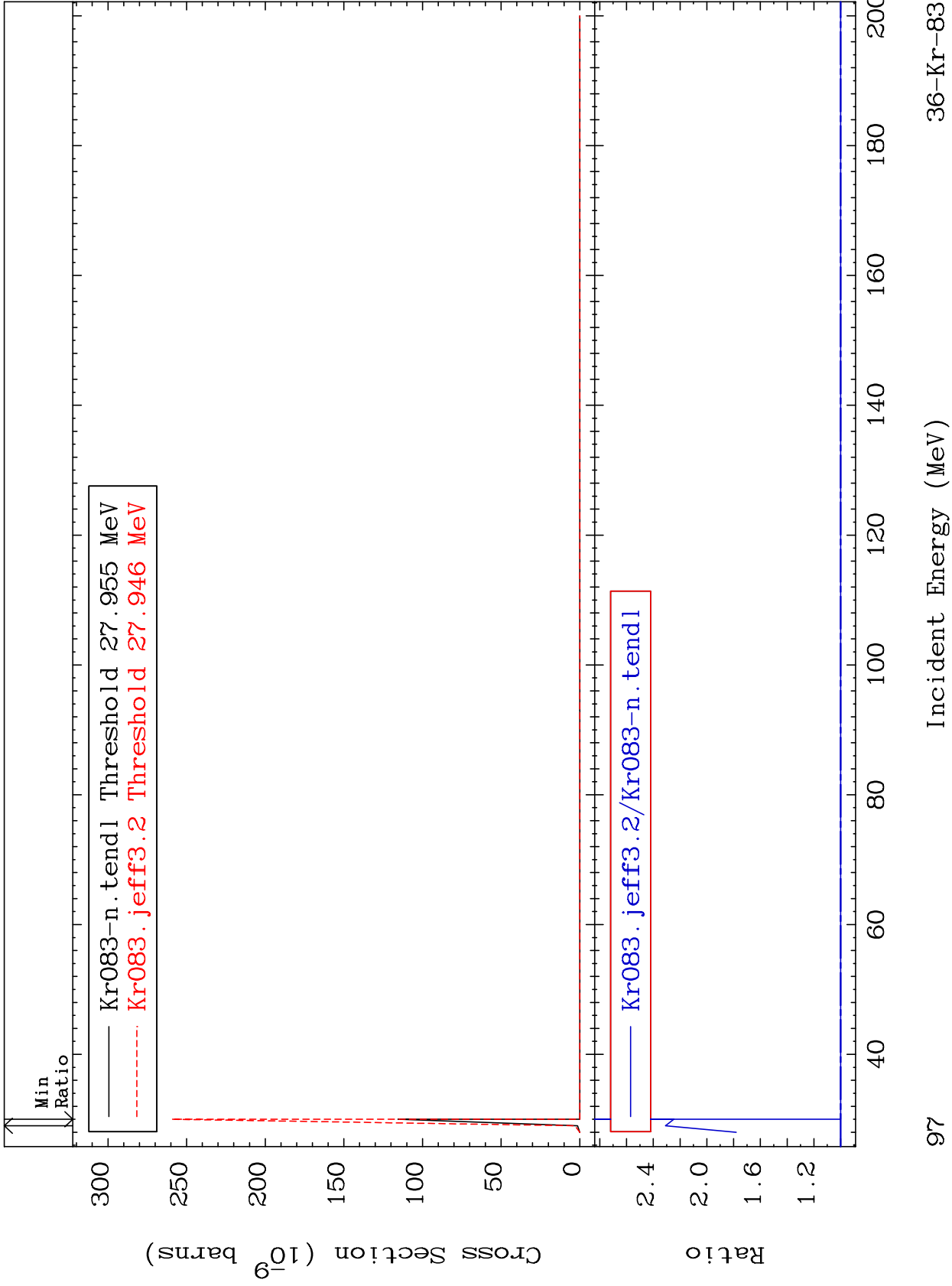


MAT 3640

(n,3n) p:35-Br-80m2

36-Kr-83

Radionuclide Production Cross Section 0.000 To 130.9 %

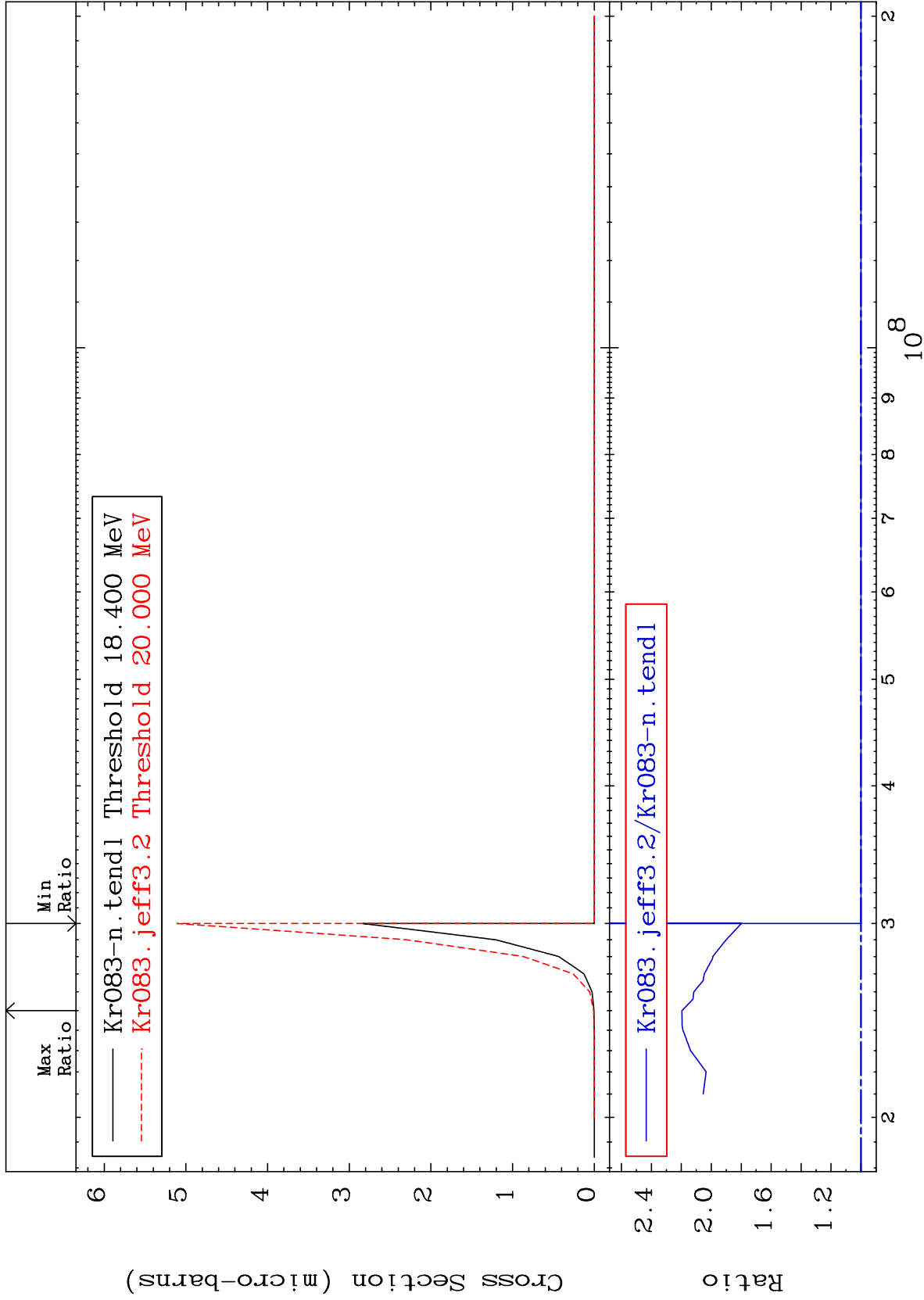


MAT 3640

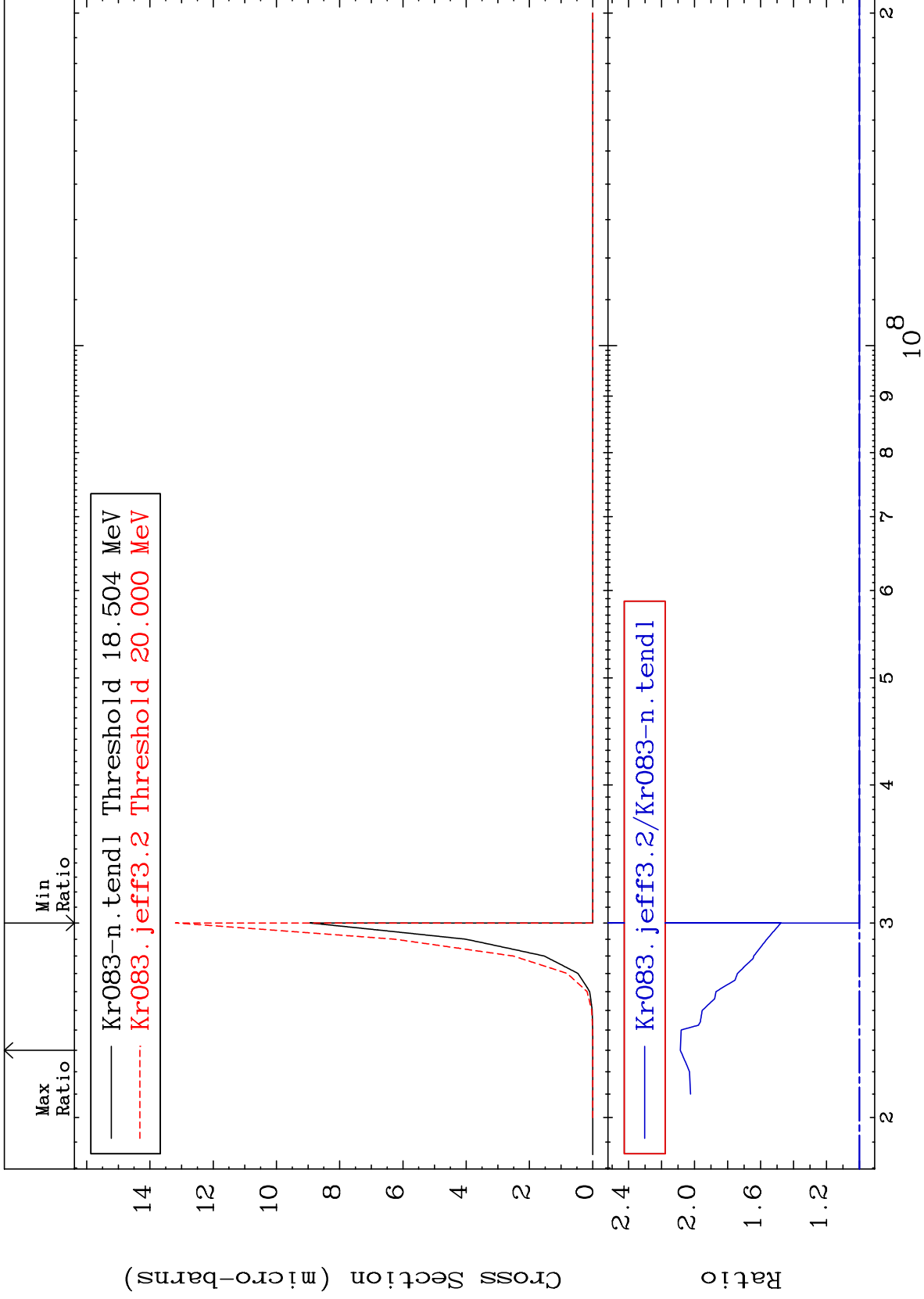
(n,2n) p:34-Se-81g

36-Kr-83

Radionuclide Production Cross Section 0.000 To 119.6 %



Radionuclide Production Cross Section 0.000 To 108.6 %

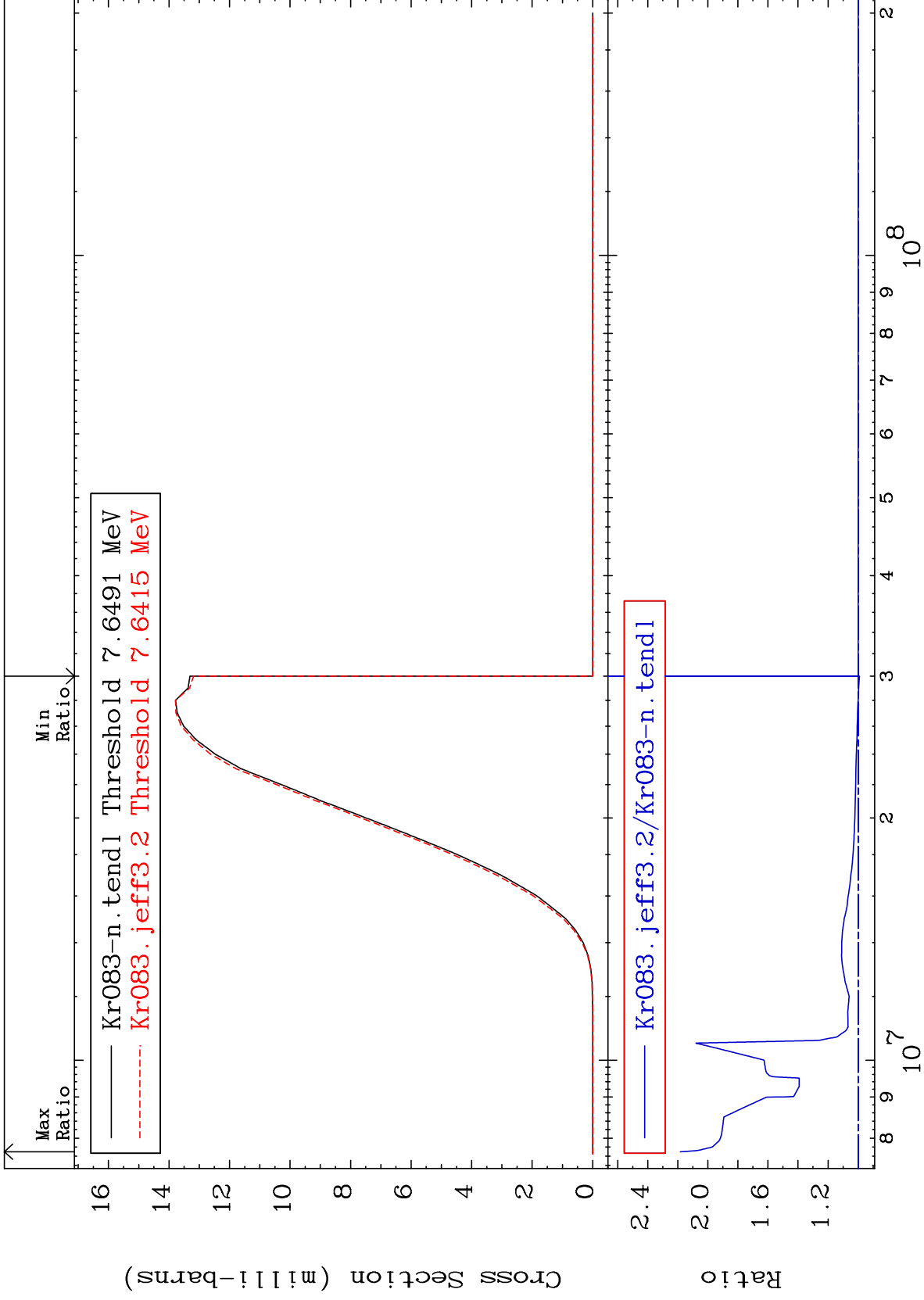


MAT 3640

36-Kr-83

(n, d) : 35-Br-82g

Radionuclide Production Cross Section -0.887 To 118.3 %



100

Incident Energy (eV)

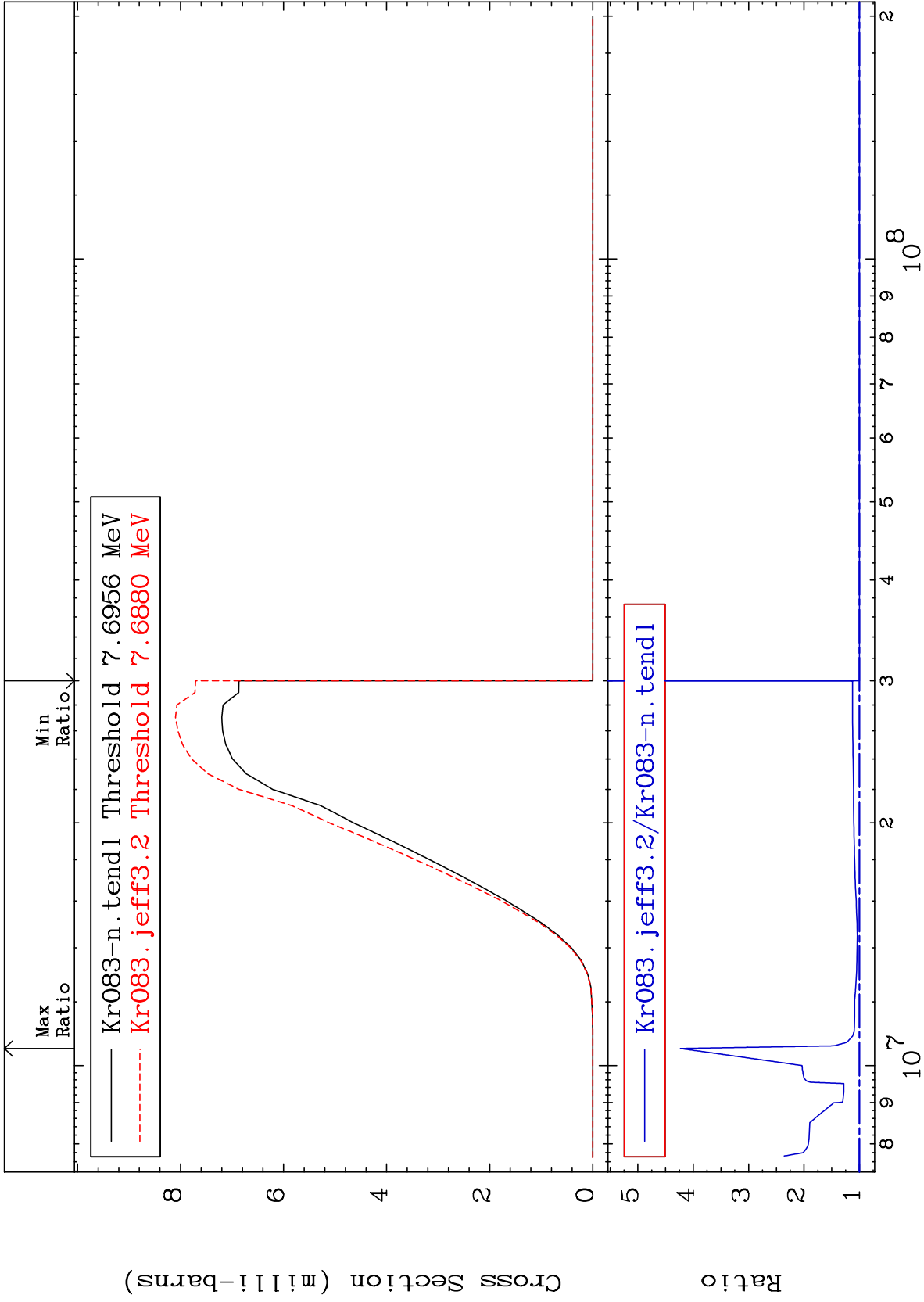
36-Kr-83

MAT 3640

(n, d) : 35-Br-82m1

36-Kr-83

Radionuclide Production Cross Section 0.000 To 323.3 %

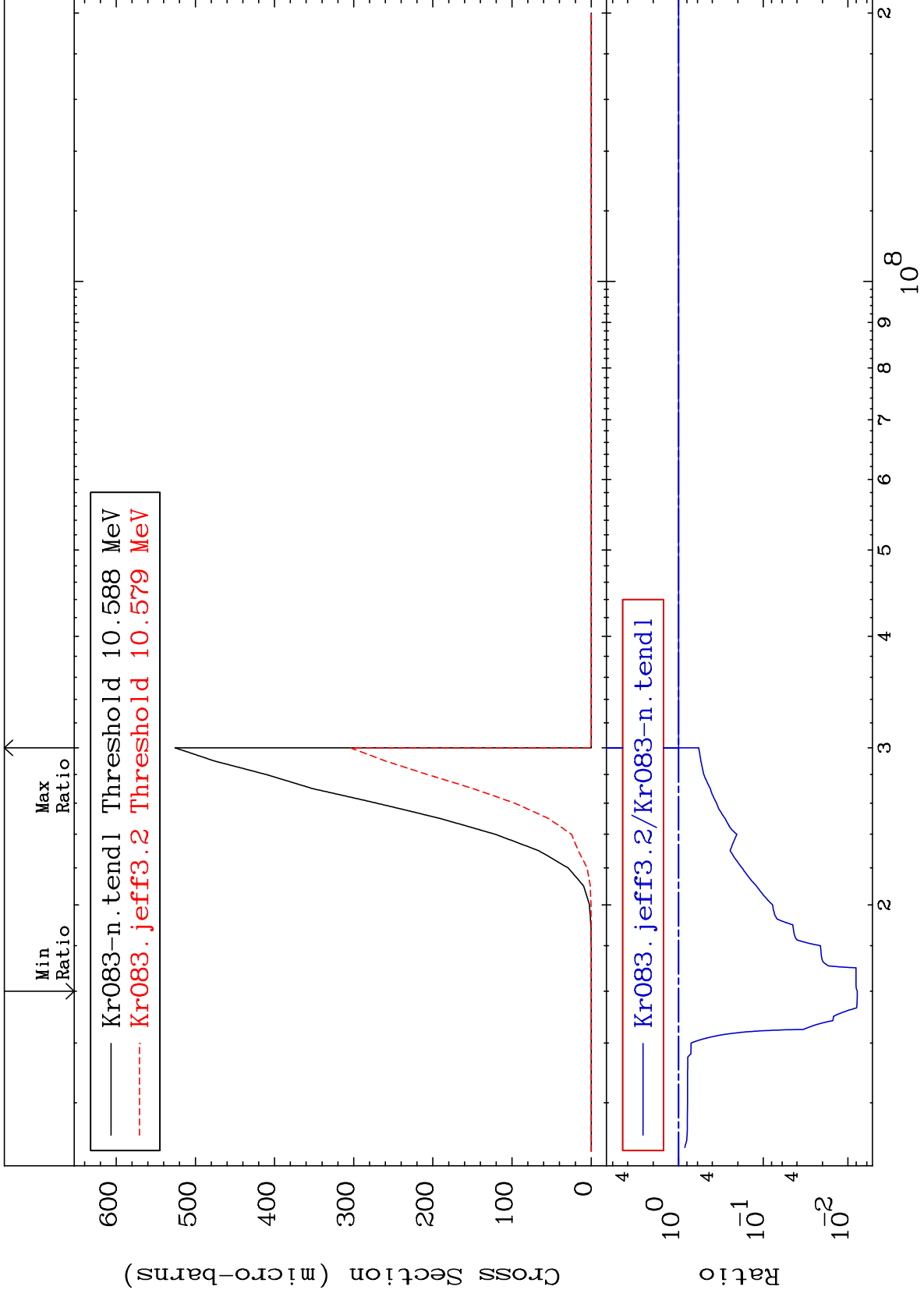


101

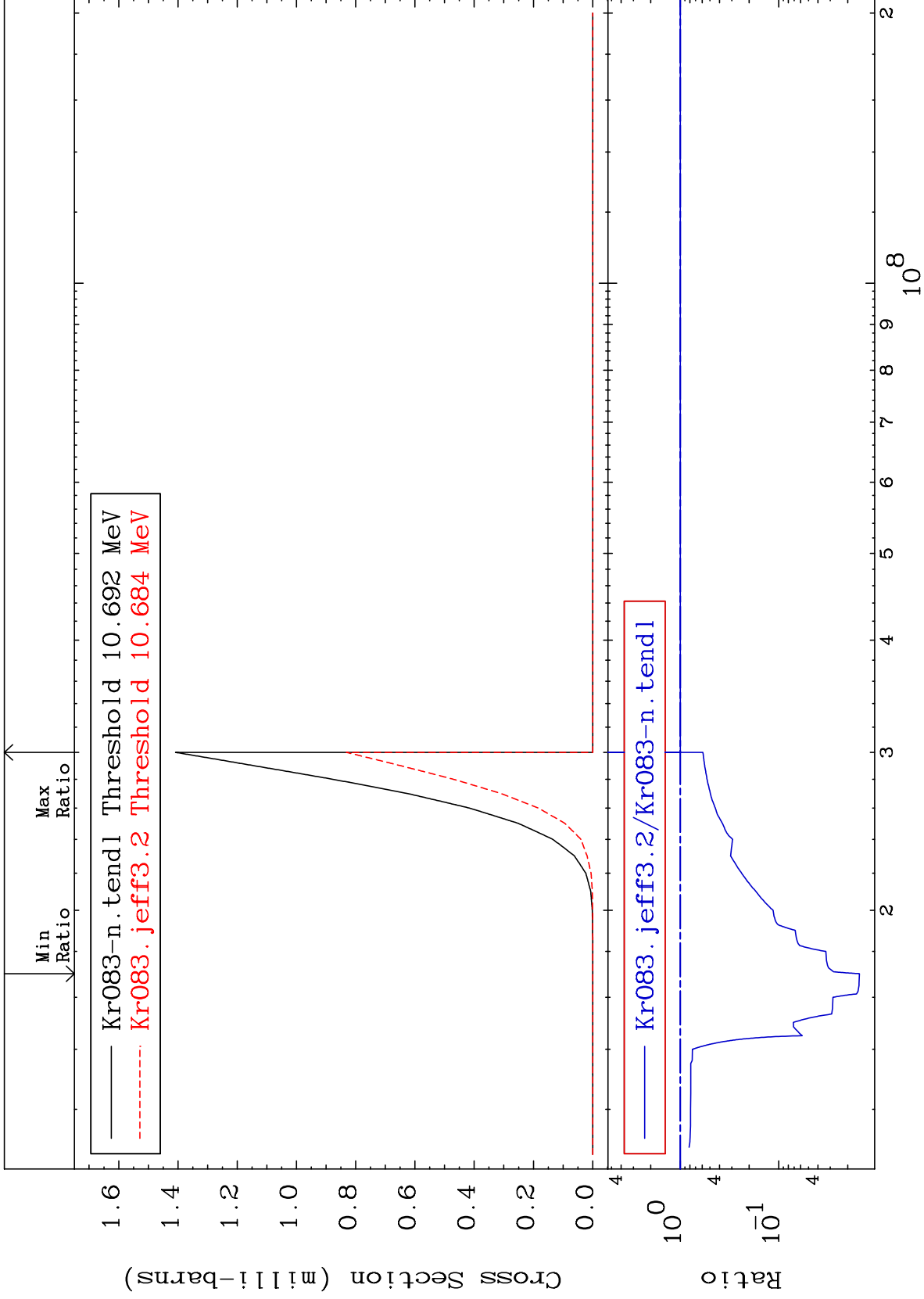
36-Kr-83

36-Kr-83

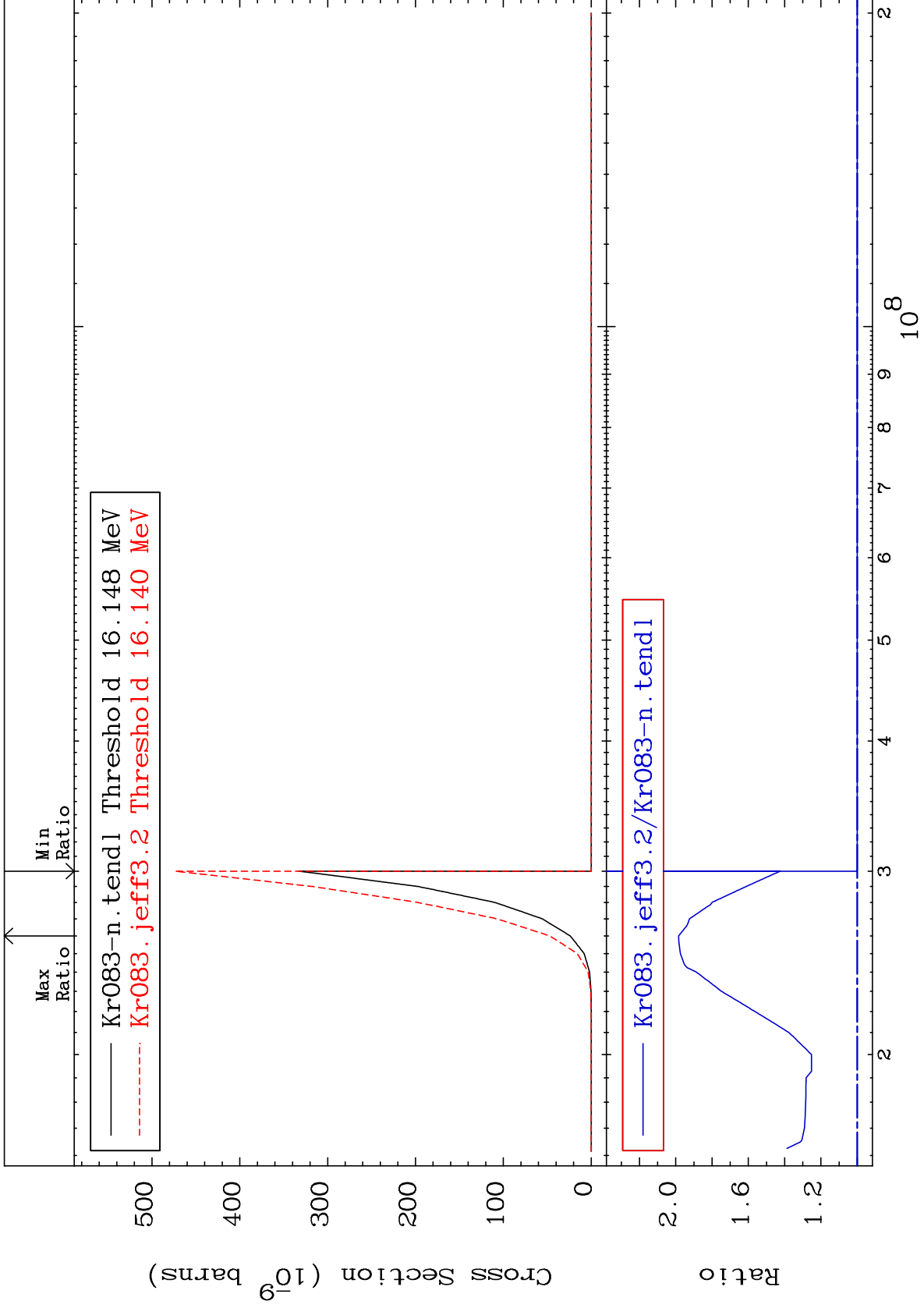
Radionuclide Production Cross Section -99.22 To 0.000 %



Radionuclide Production Cross Section -98.48 To 0.000 %



Radionuclide Production Cross Section 0.000 To 98.42 %



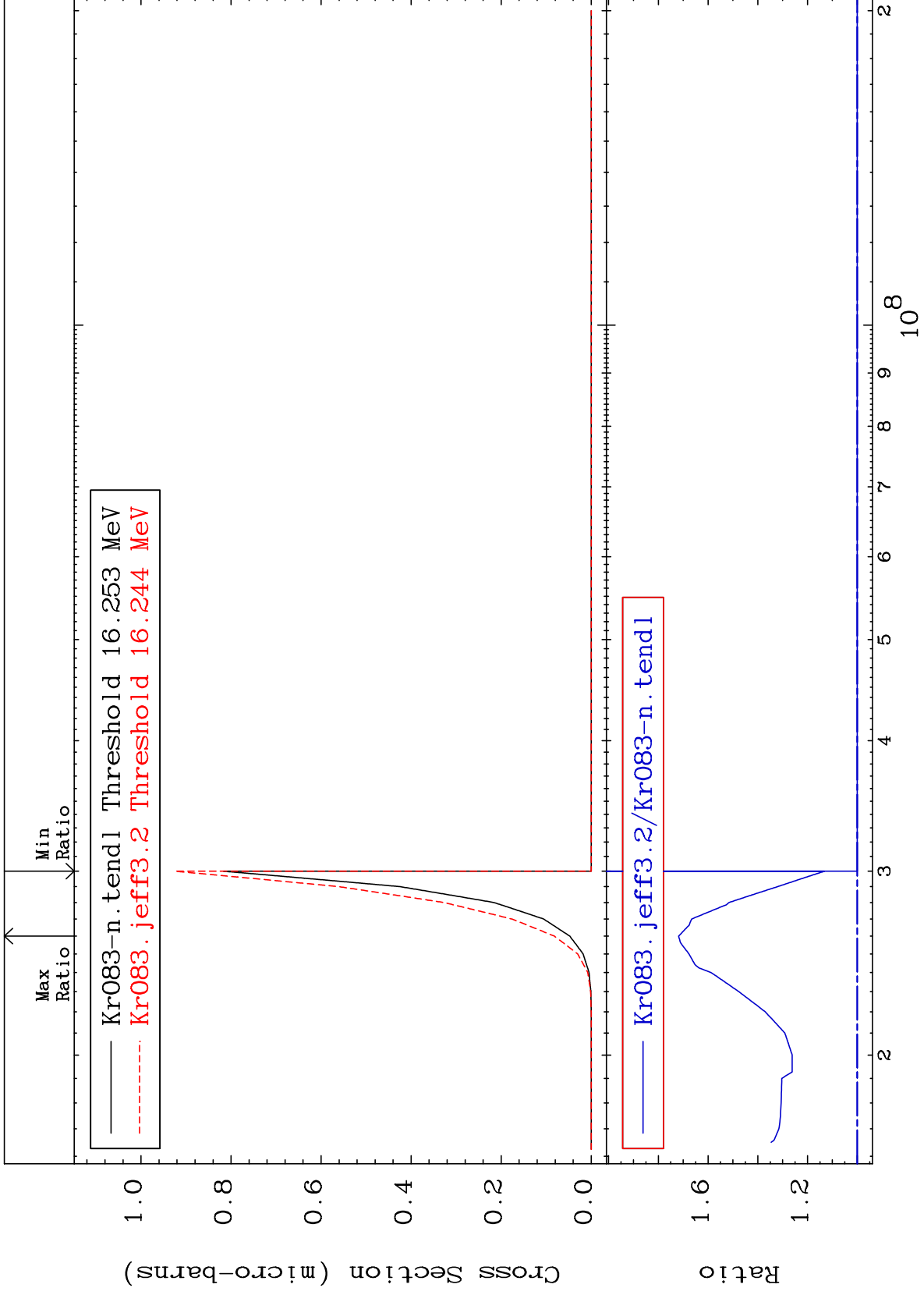


MAT 3640

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

36-Kr-83

Radionuclide Production Cross Section 0.000 To 71.83 %



105

Incident Energy (eV)

36-Kr-83