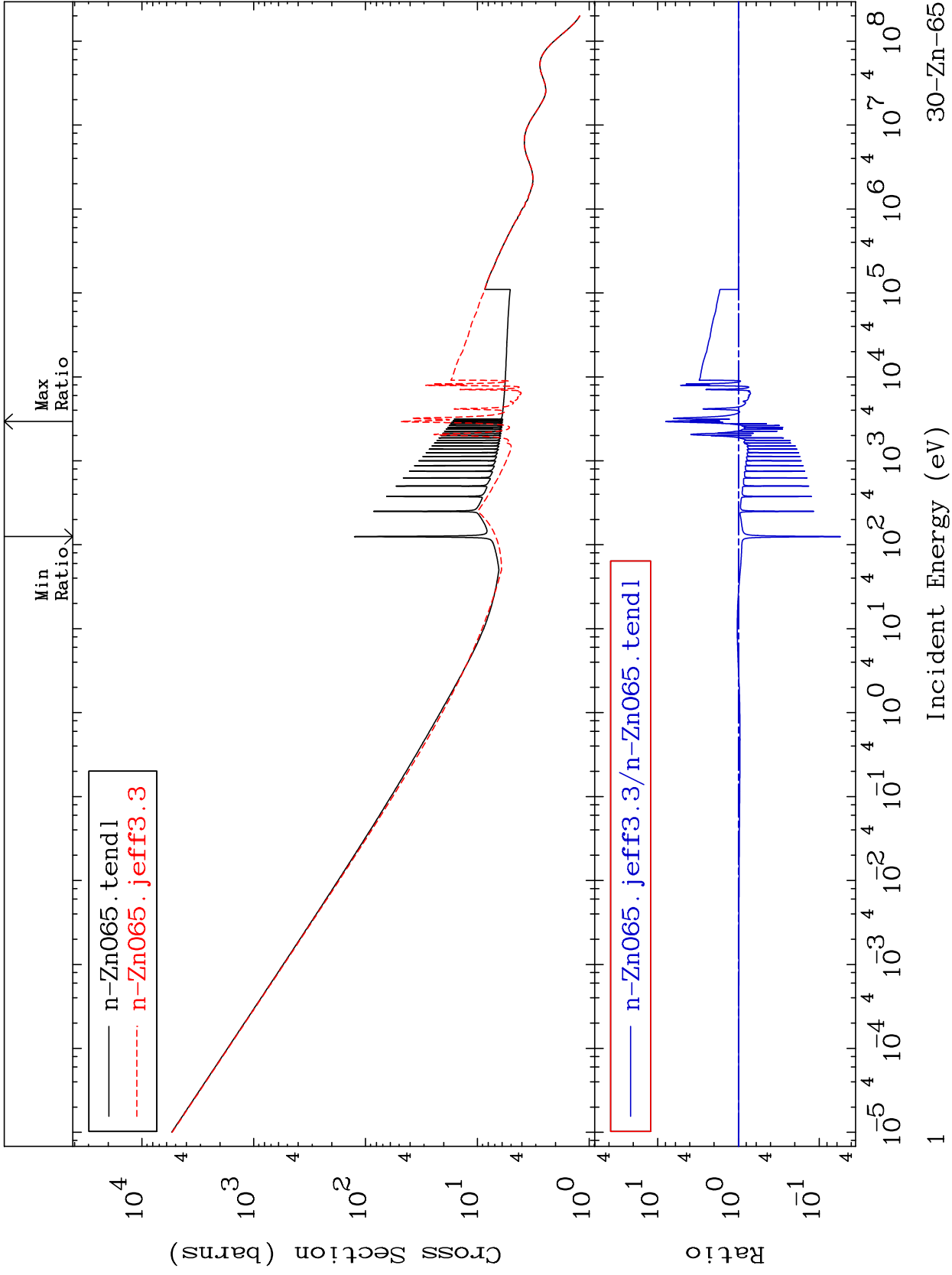


MAT 3028

Total Cross Section  
30-Zn-65  
-94.58 To 698.5 %



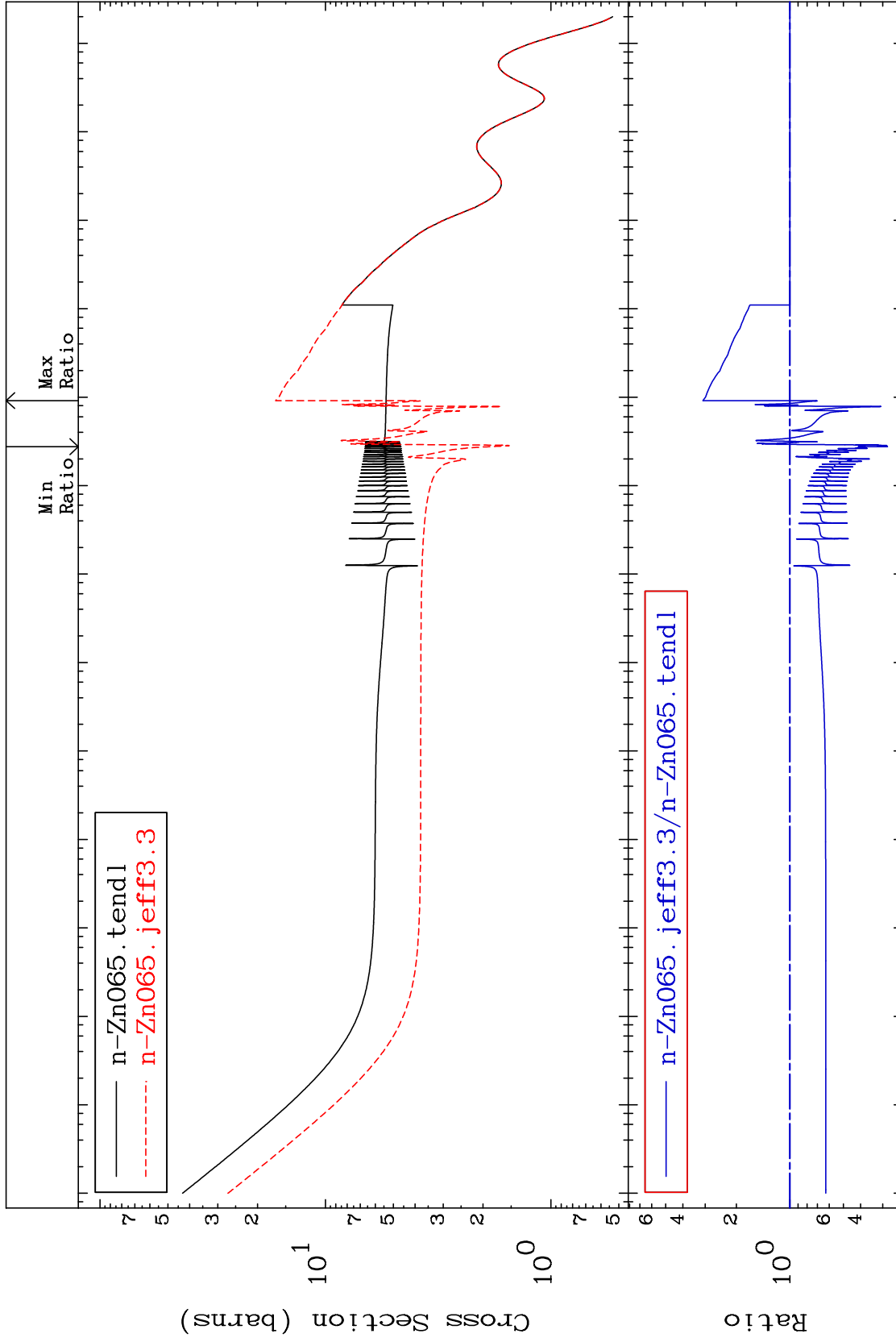
30-Zn-65

MAT 3028

Elastic  
Cross Section

30-Zn-65  
-71.78 To 208.8 %

— n-Zn065.tendl  
- - - n-Zn065.jeff3.3



Incident Energy (eV)

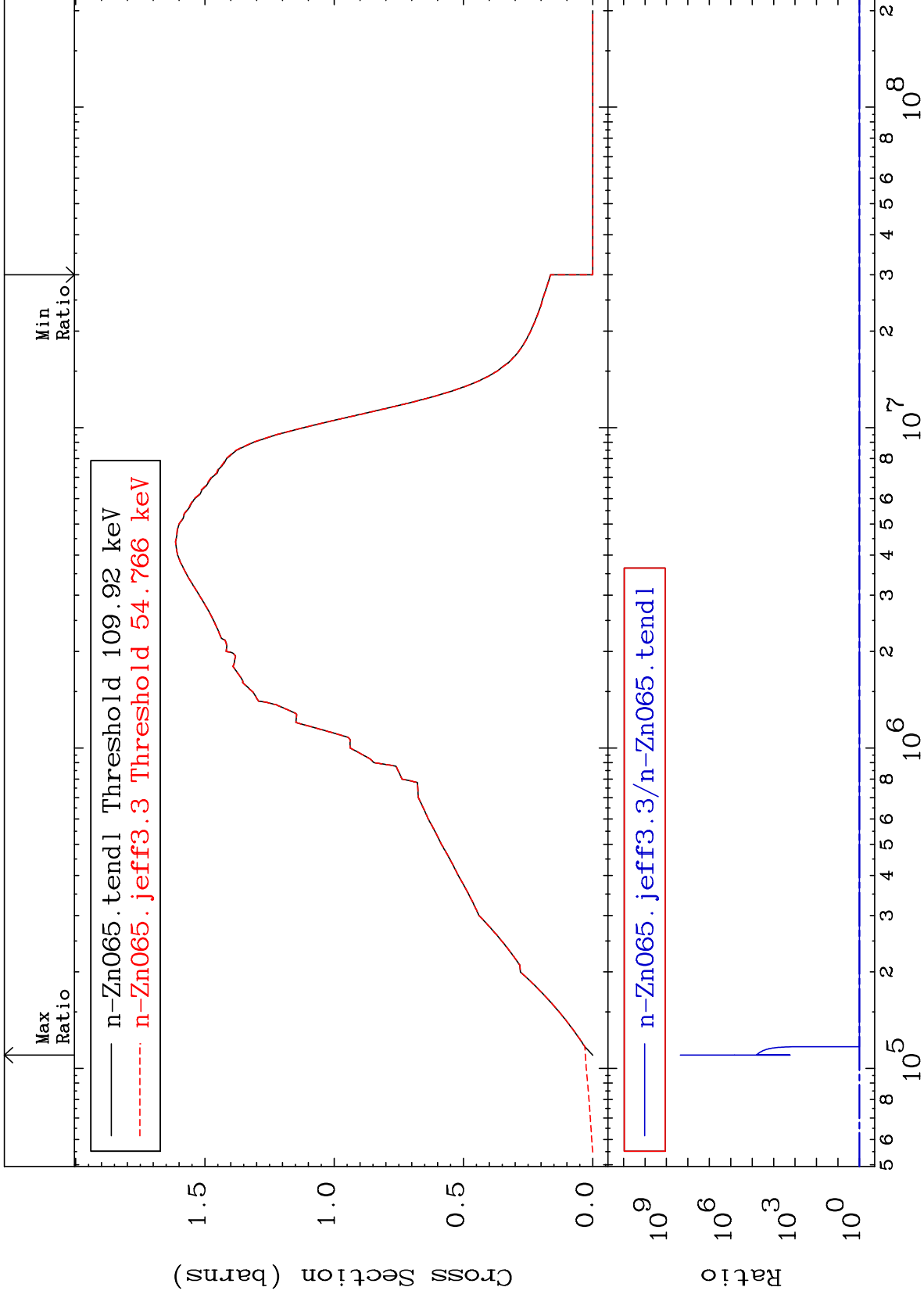
30-Zn-65

2

MAT 3028

Inelastic  
Cross Section

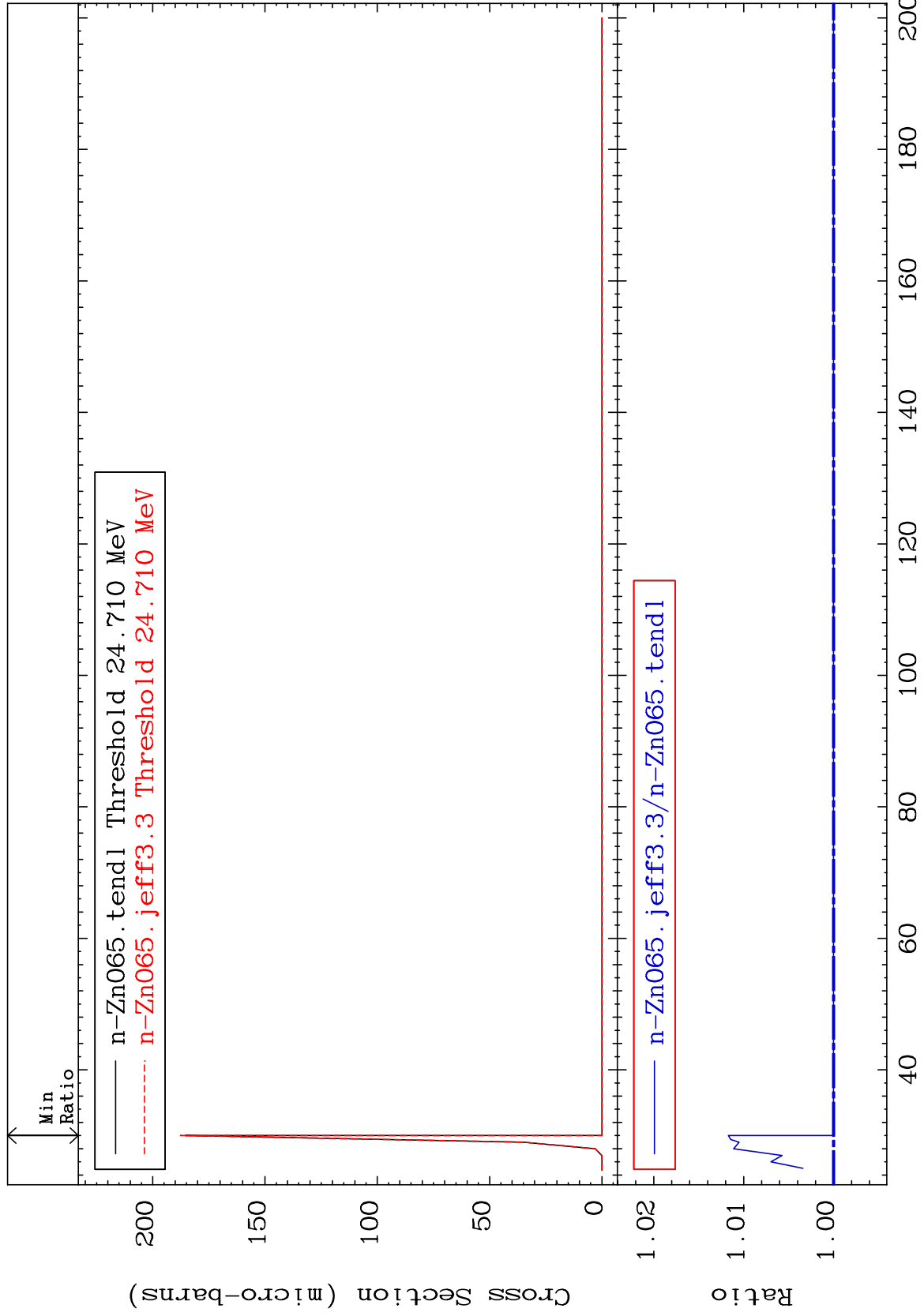
30-Zn-65  
-0.378 To 9999. %



MAT 3028

(n,2n) d  
Cross Section

30-Zn-65  
To 1.170 %  
0.000



30-Zn-65

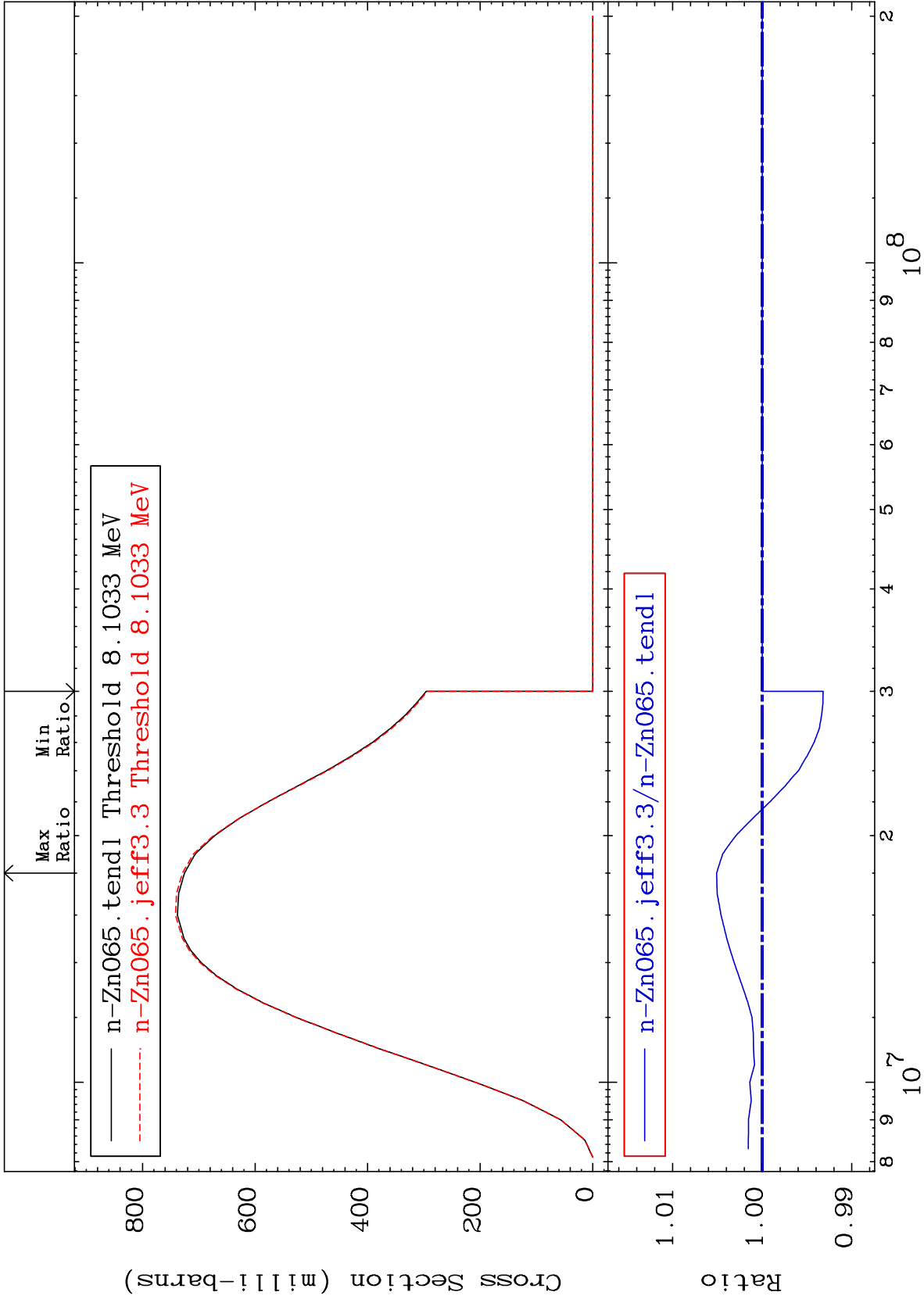
MAT 3028

(n,2n)

30-Zn-65

Cross Section

-0.680 To 0.509 %



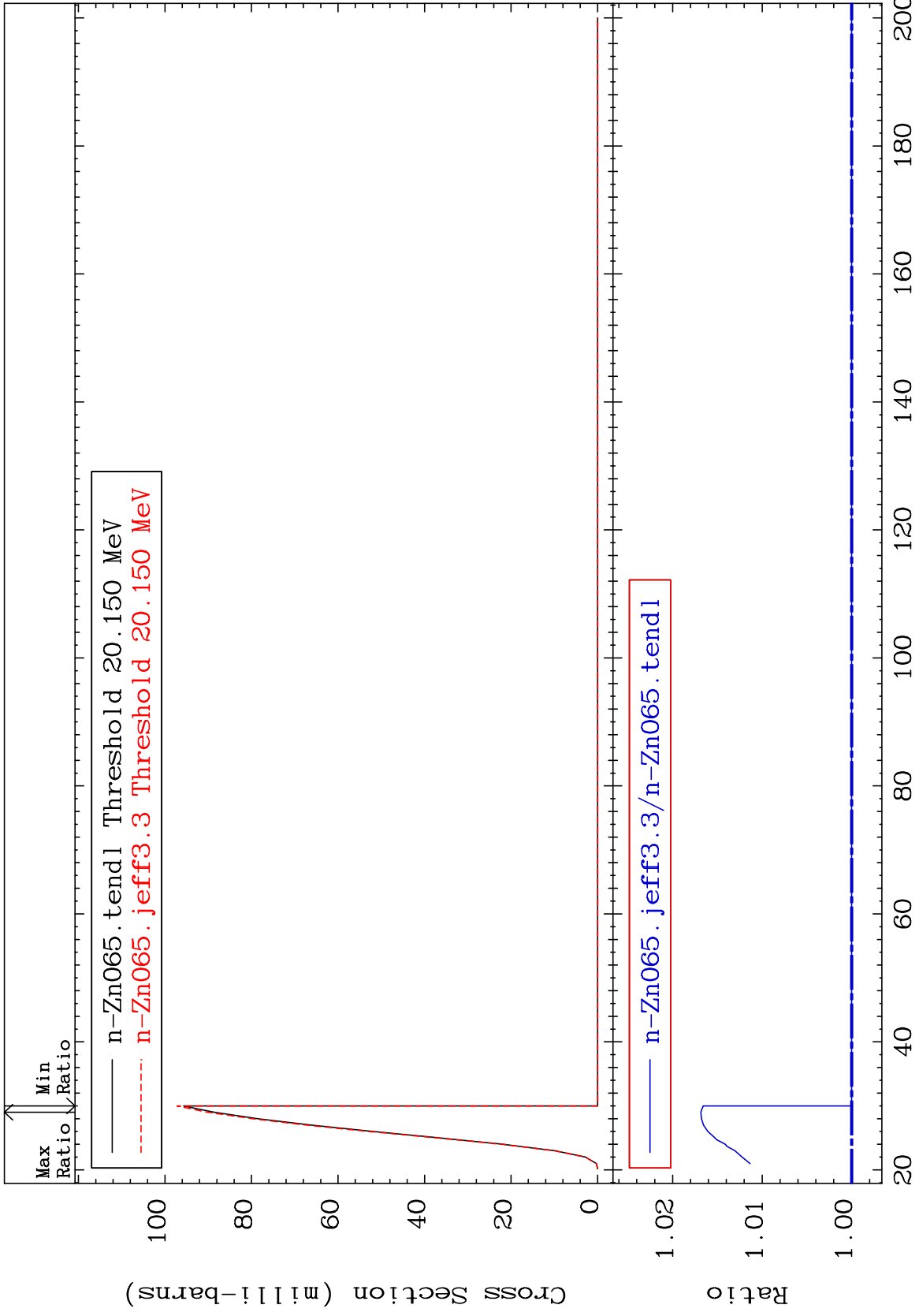
Incident Energy (eV)

30-Zn-65

MAT 3028

(n,3n)  
Cross Section

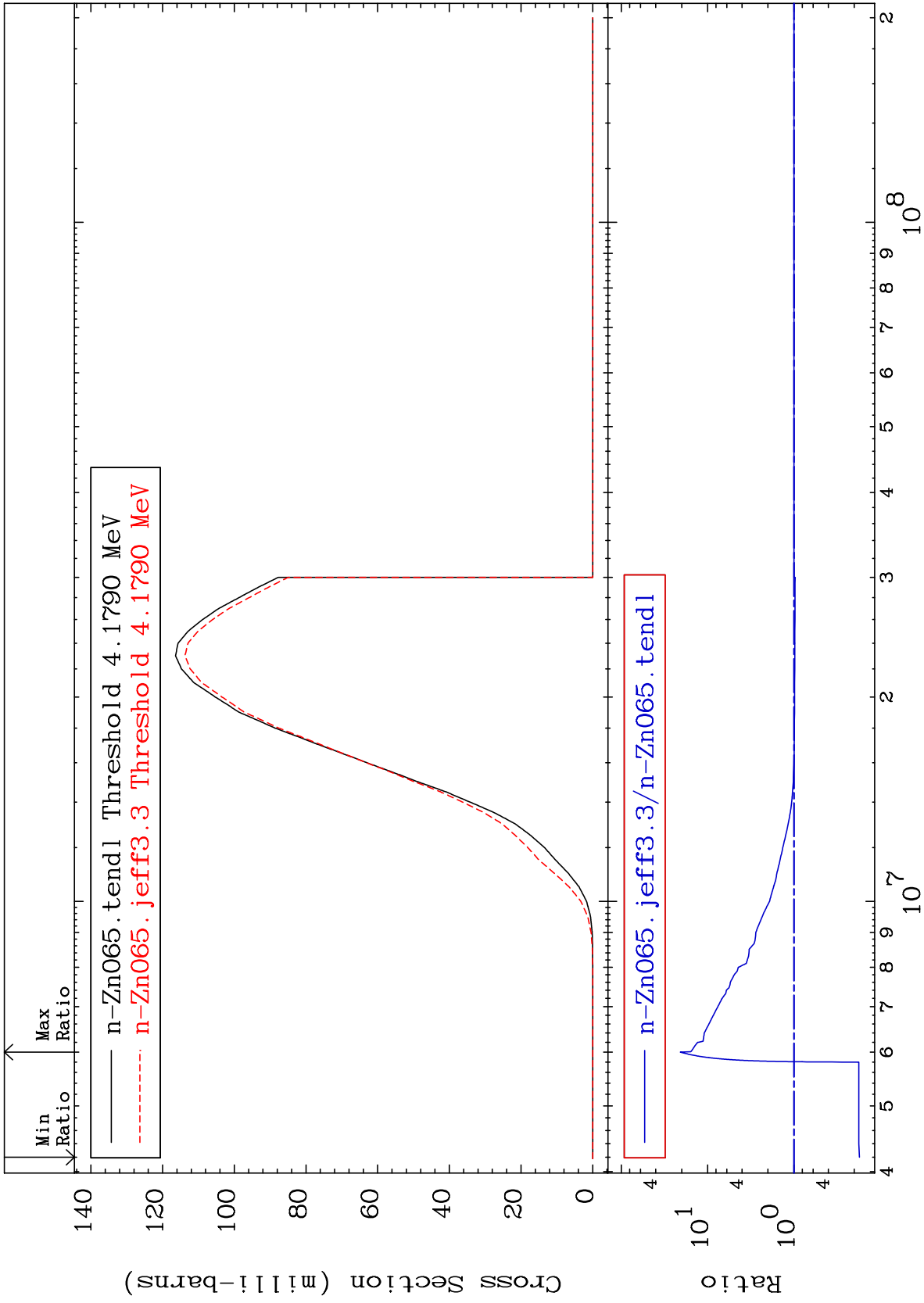
30-Zn-65  
0.000 To 1.685 %



MAT 3028

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

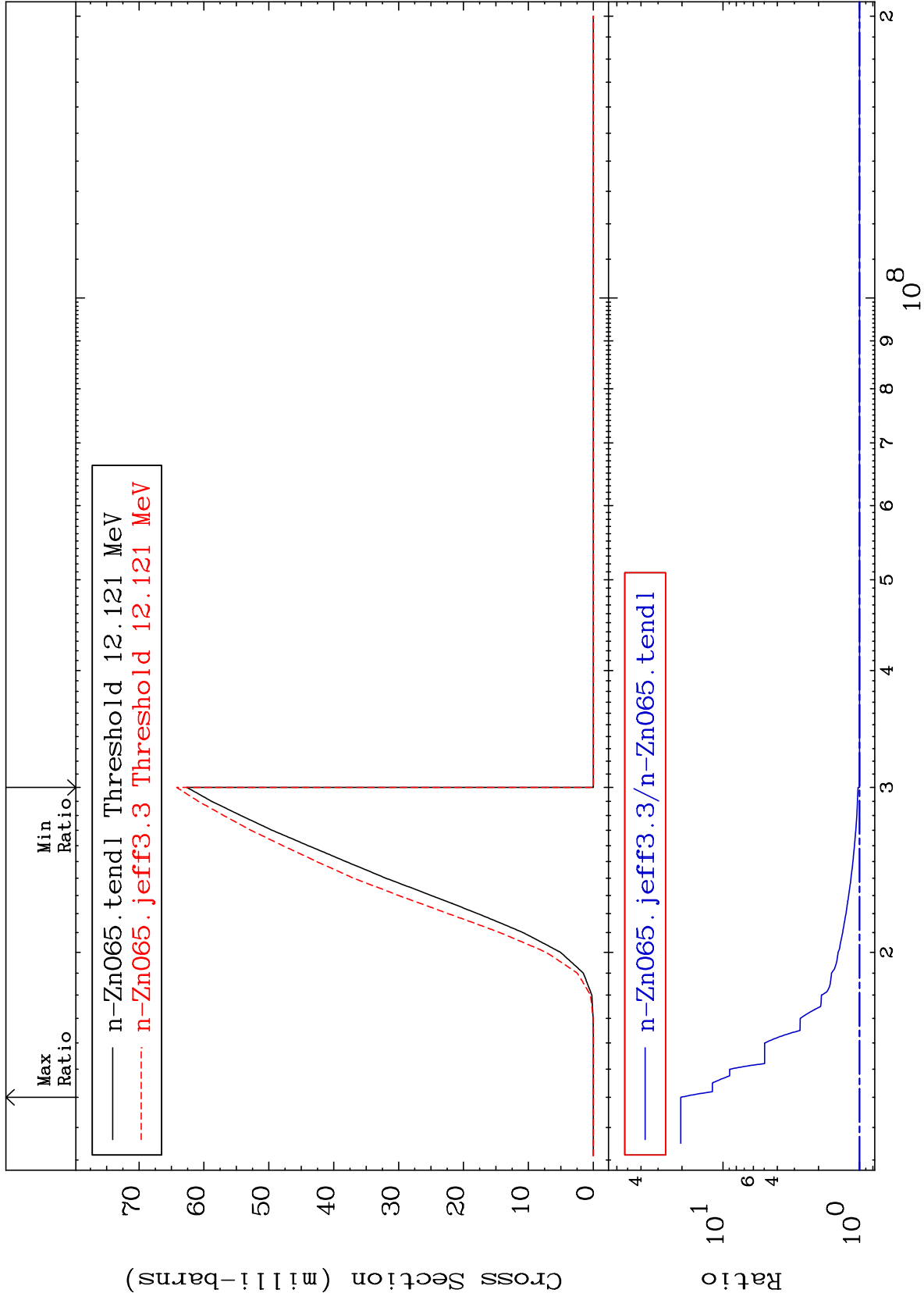
30-Zn-65  
-82.59 To 1972. %



MAT 3028

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

30-Zn-65  
To 1942. %  
0.000

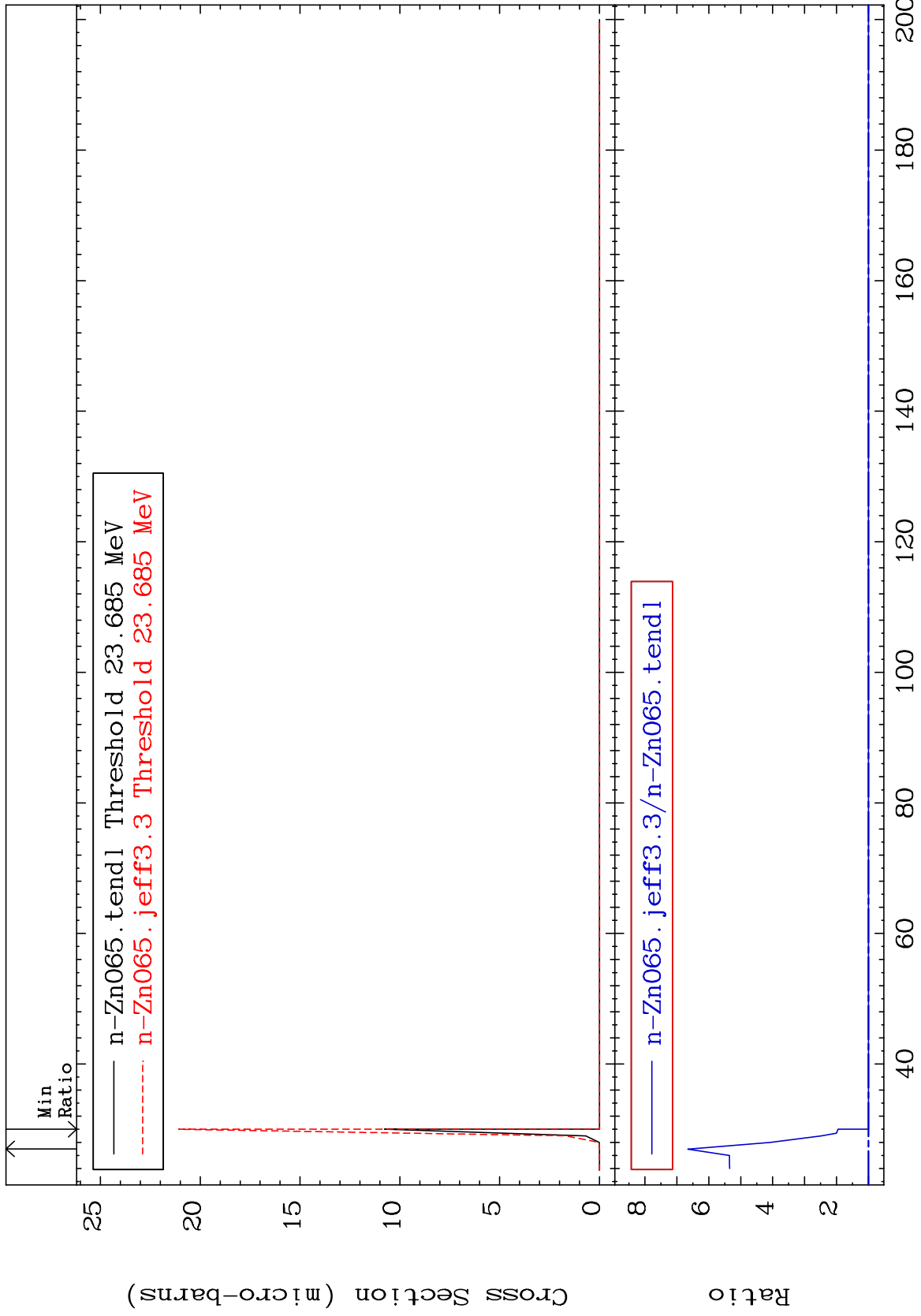




MAT 3028

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

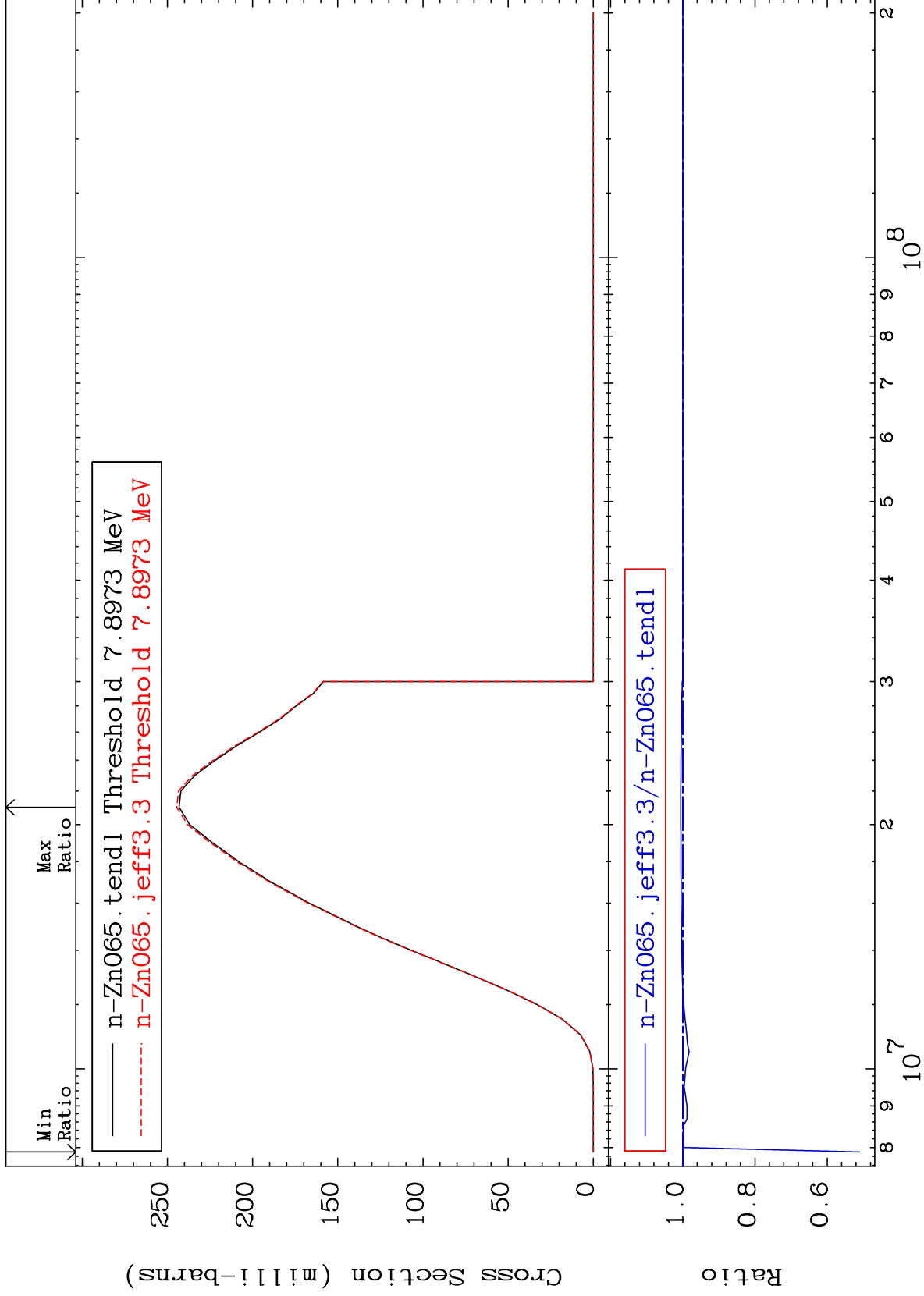
30-Zn-65  
0.000 To 565.5 %



MAT 3028

(n,n') p  
Cross Section

30-Zn-65  
-48.97 To 0.560 %



10

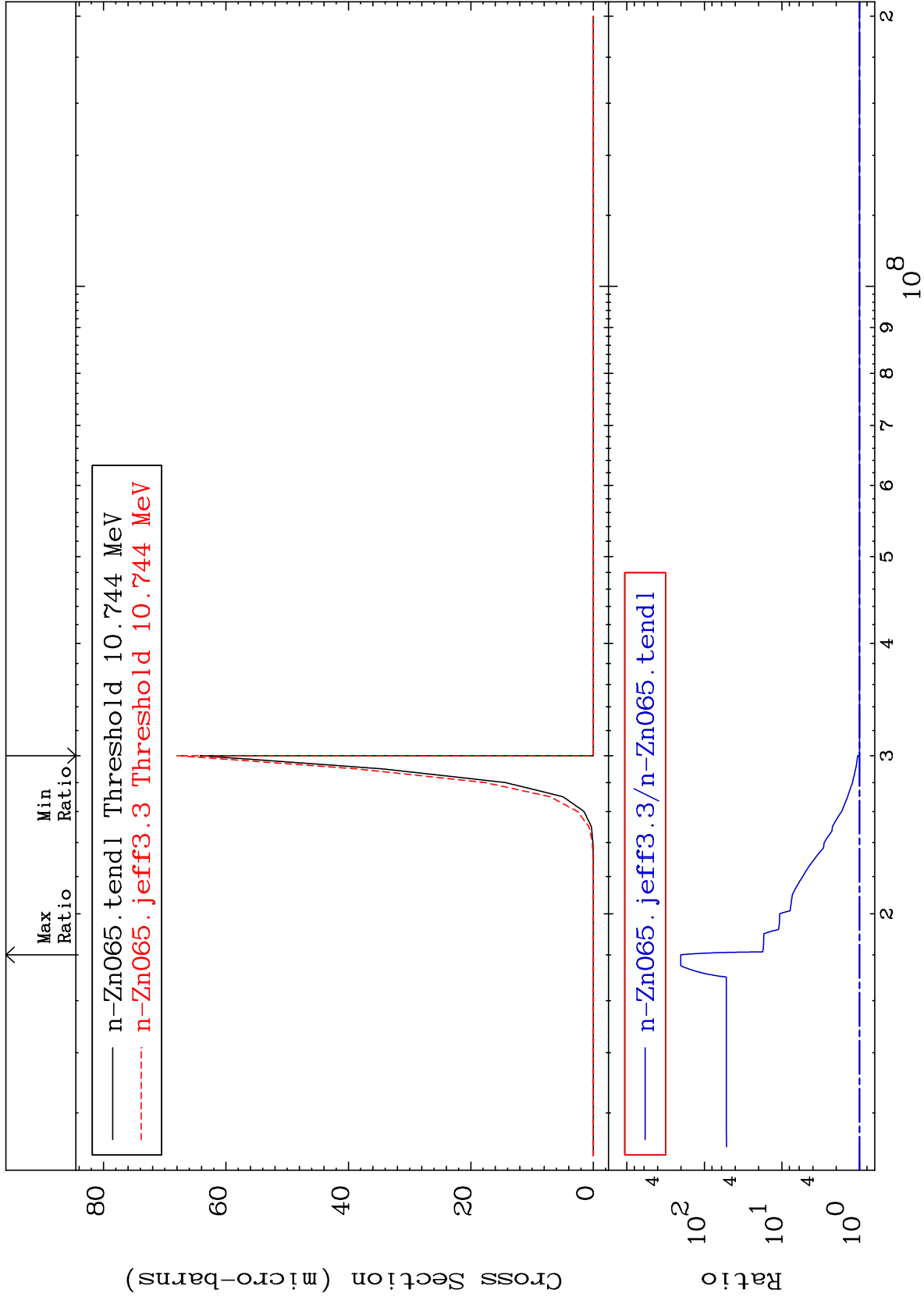
Incident Energy (eV)

30-Zn-65

MAT 3028

(n, n') 2α  
Cross Section

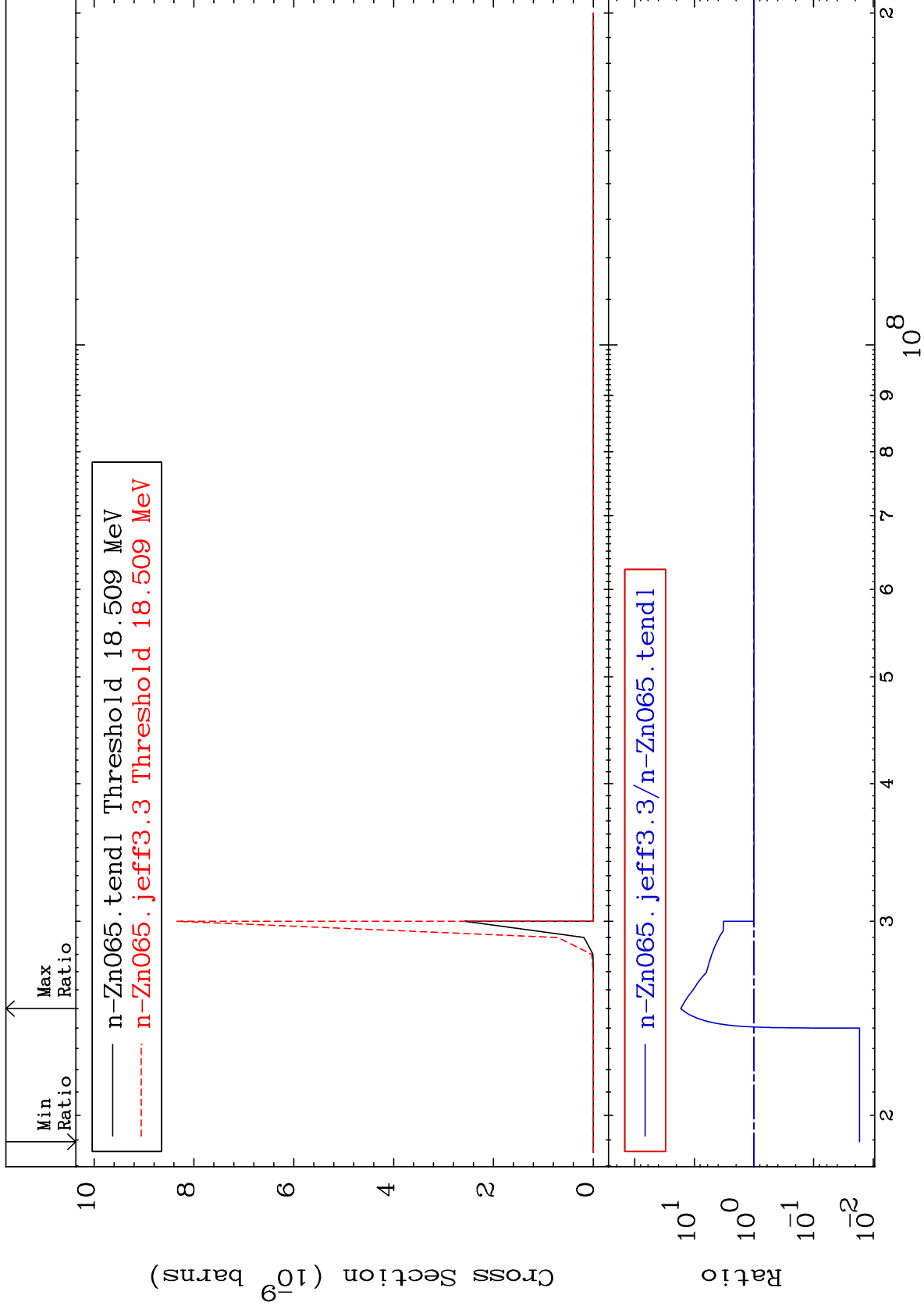
30-Zn-65  
To 9999. %  
0.000

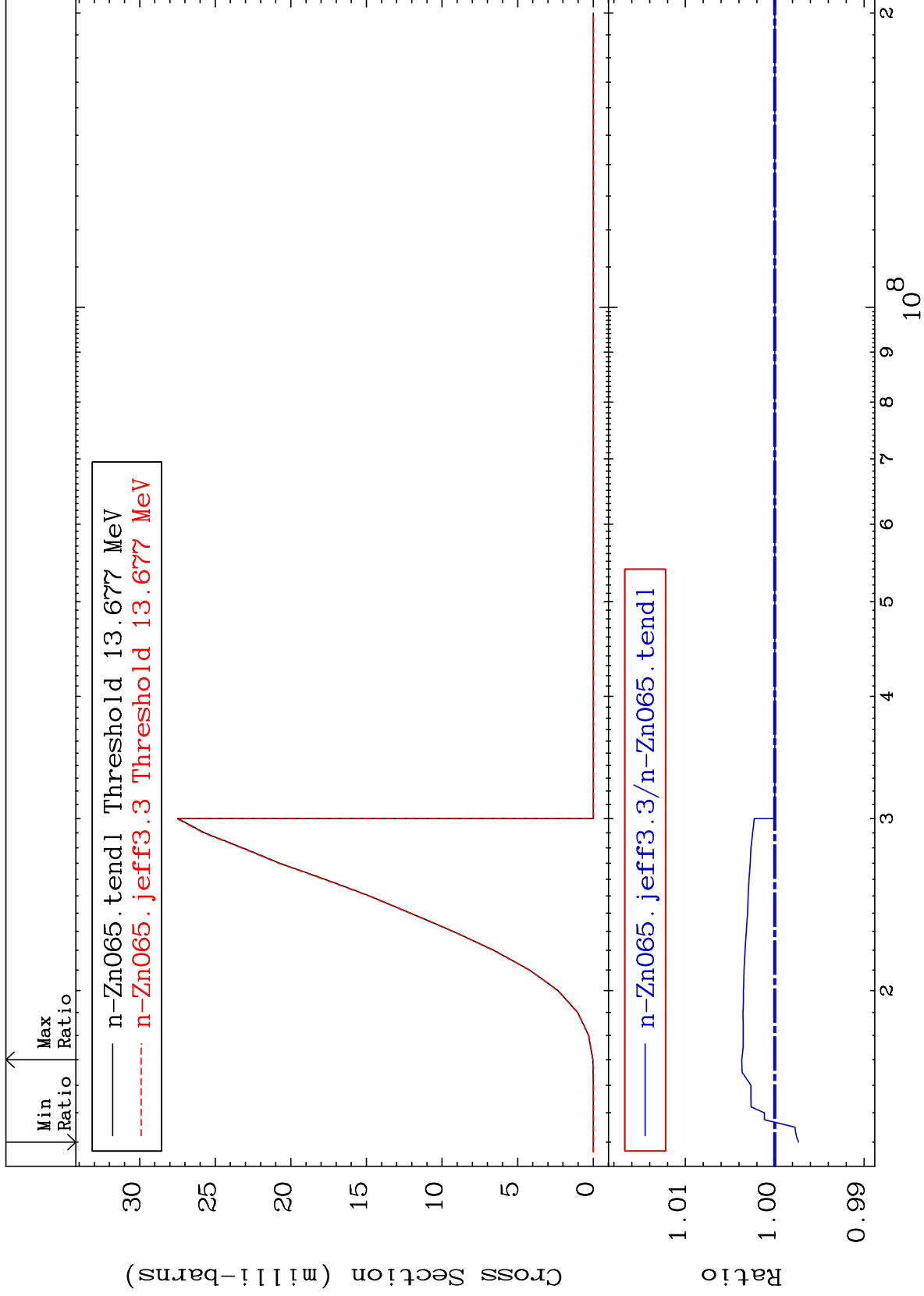


MAT 3028

(n,2n) 2α  
Cross Section

30-Zn-65  
-98.30 To 1591. %





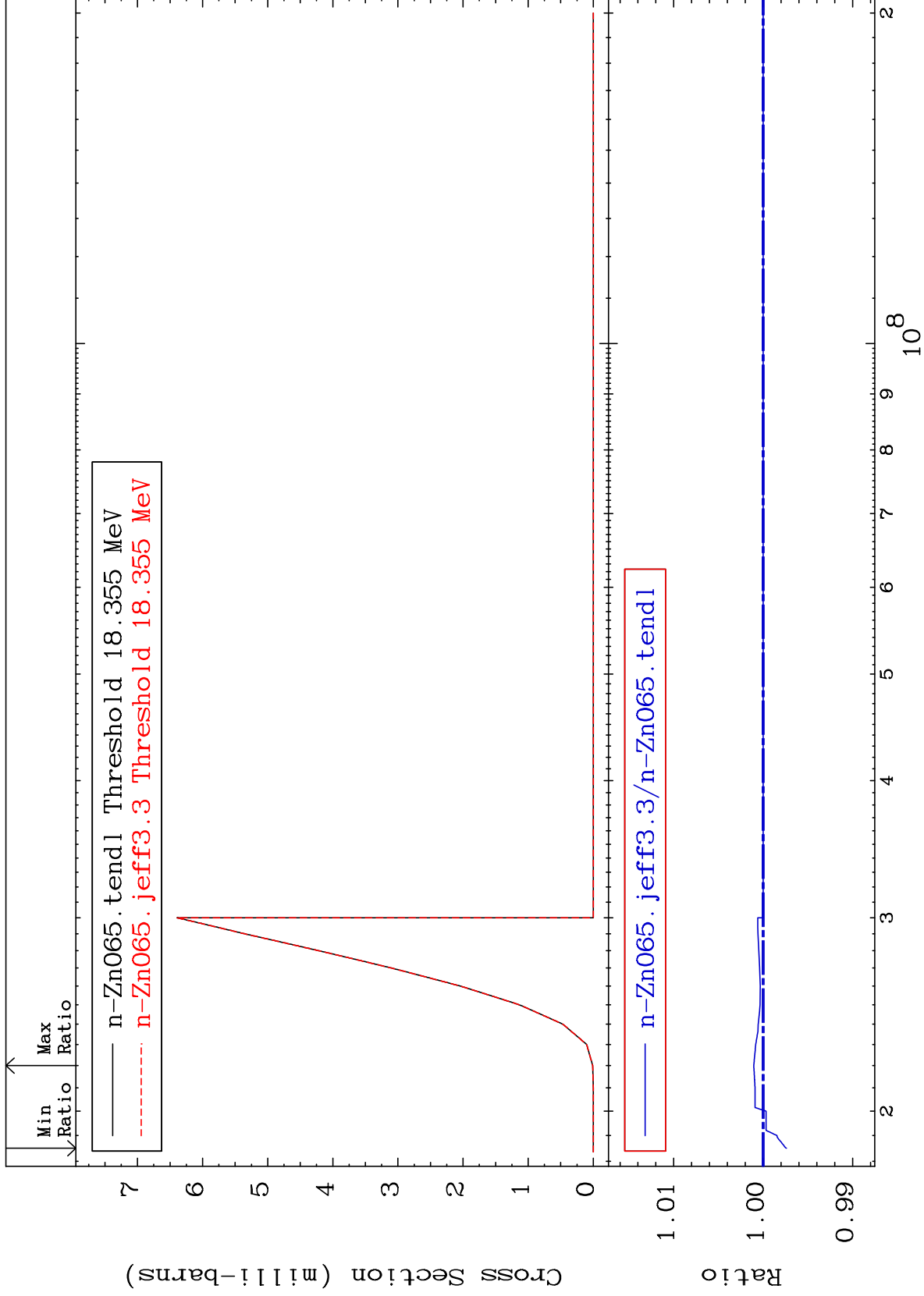
MAT 3028

(n,n') t

30-Zn-65

Cross Section

-0.261 To 0.105 %



14

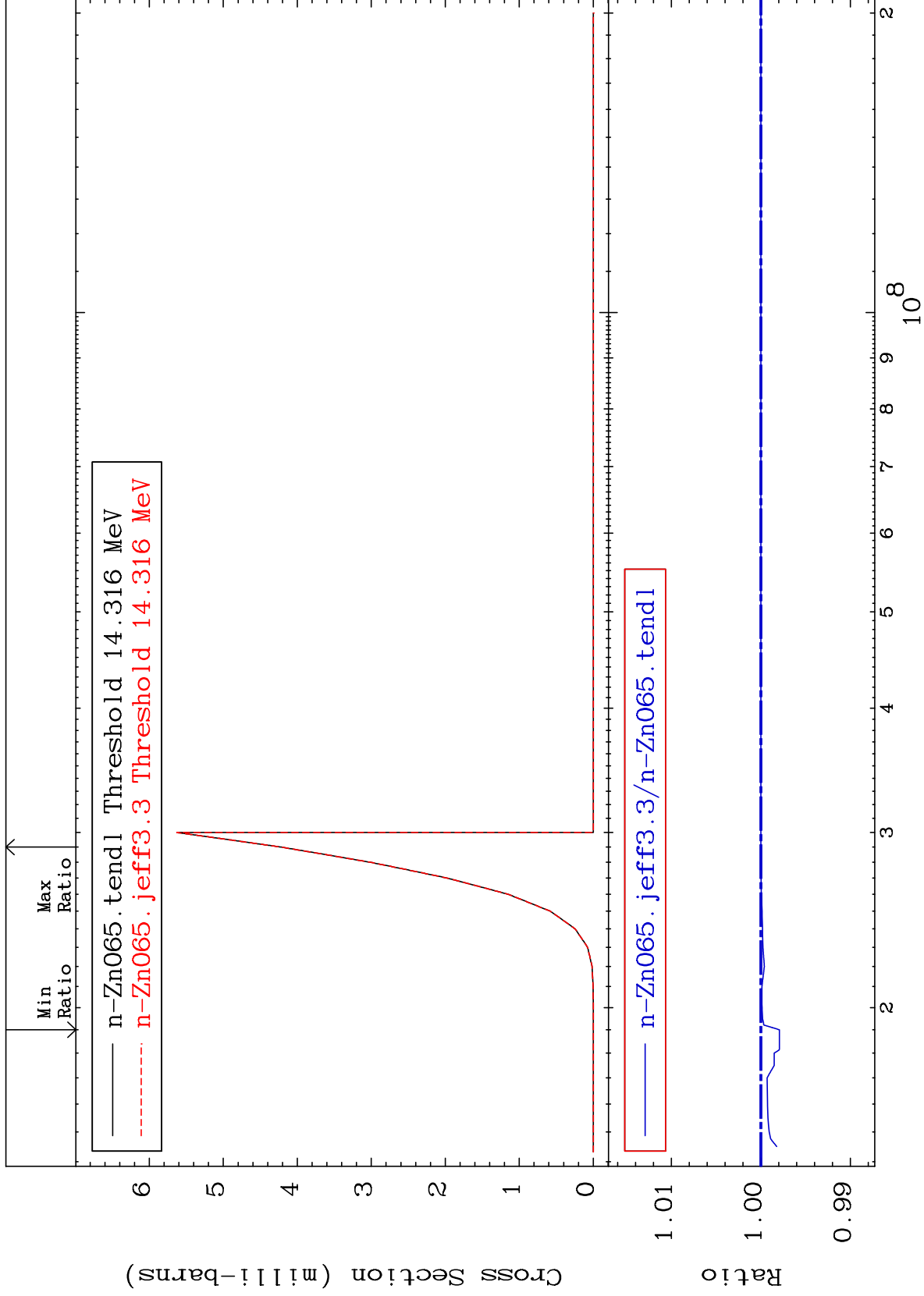
Incident Energy (eV)

30-Zn-65

MAT 3028

(n, n') He-3  
Cross Section

30-Zn-65  
-0.208 To 0.000 %



15

Incident Energy (eV)

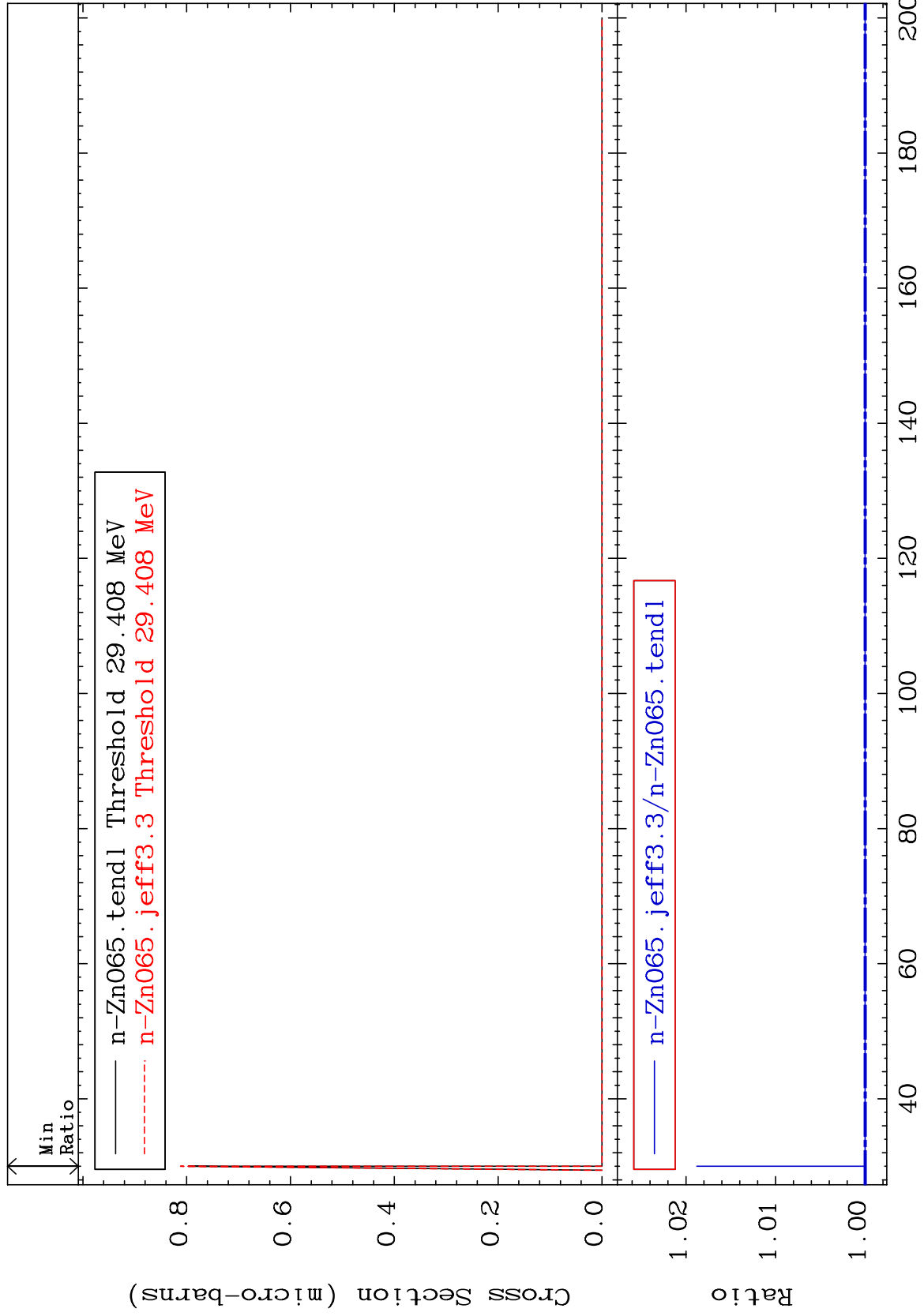
30-Zn-65

MAT 3028

(n,4n)  
Cross Section

30-Zn-65

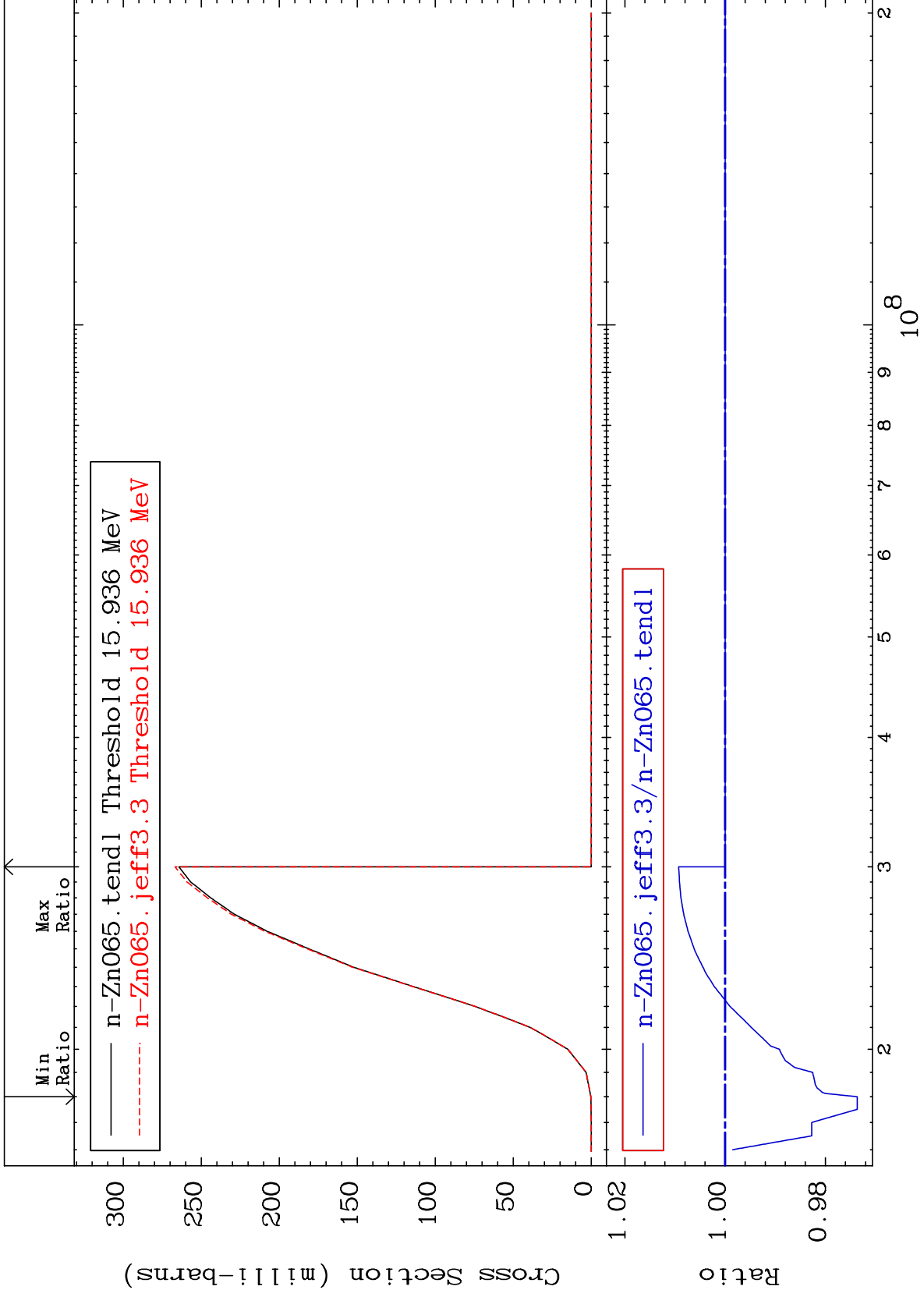
0.000 To 1.879 %



30-Zn-65

Incident Energy (MeV)

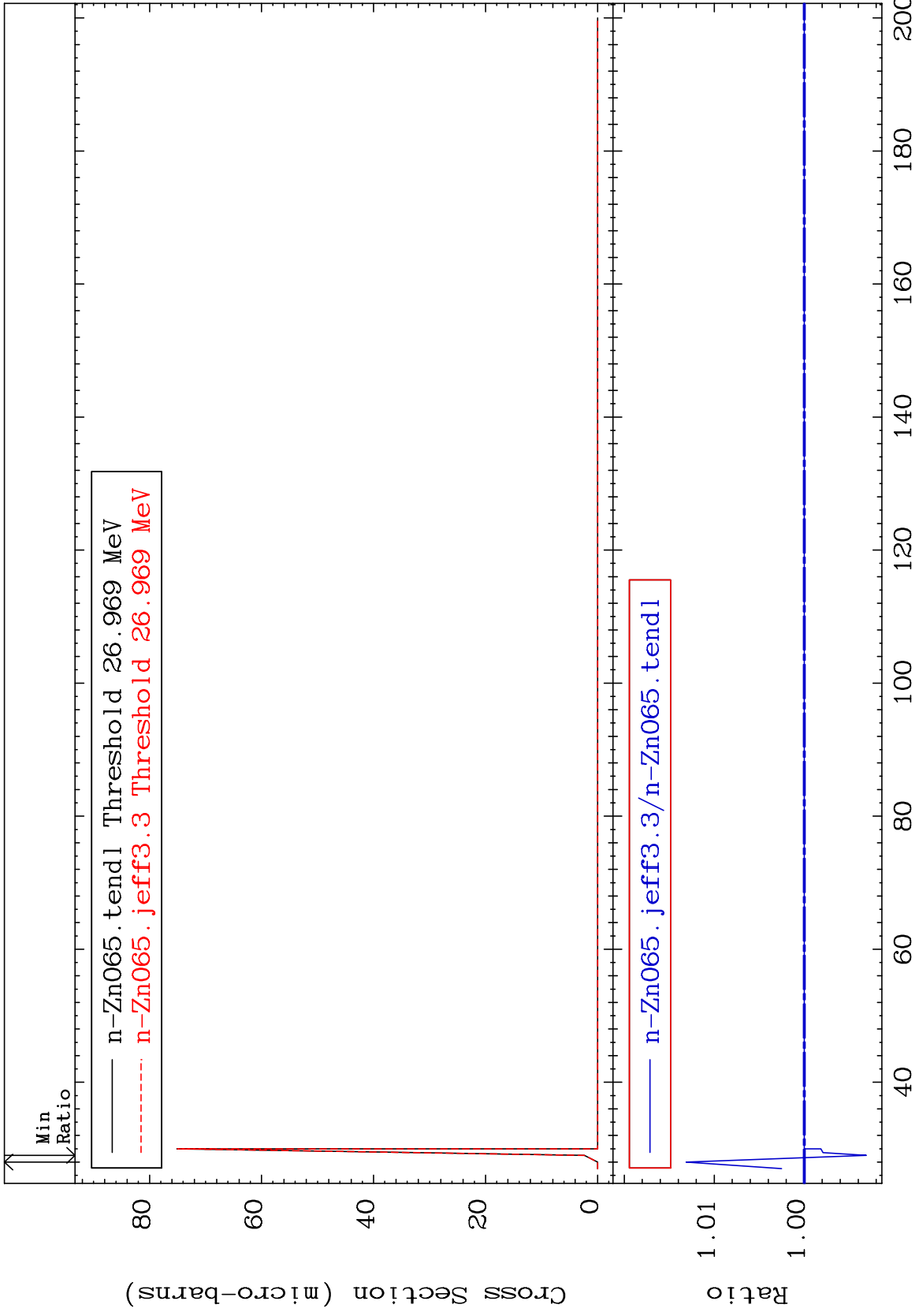




MAT 3028

(n,3n) p  
Cross Section

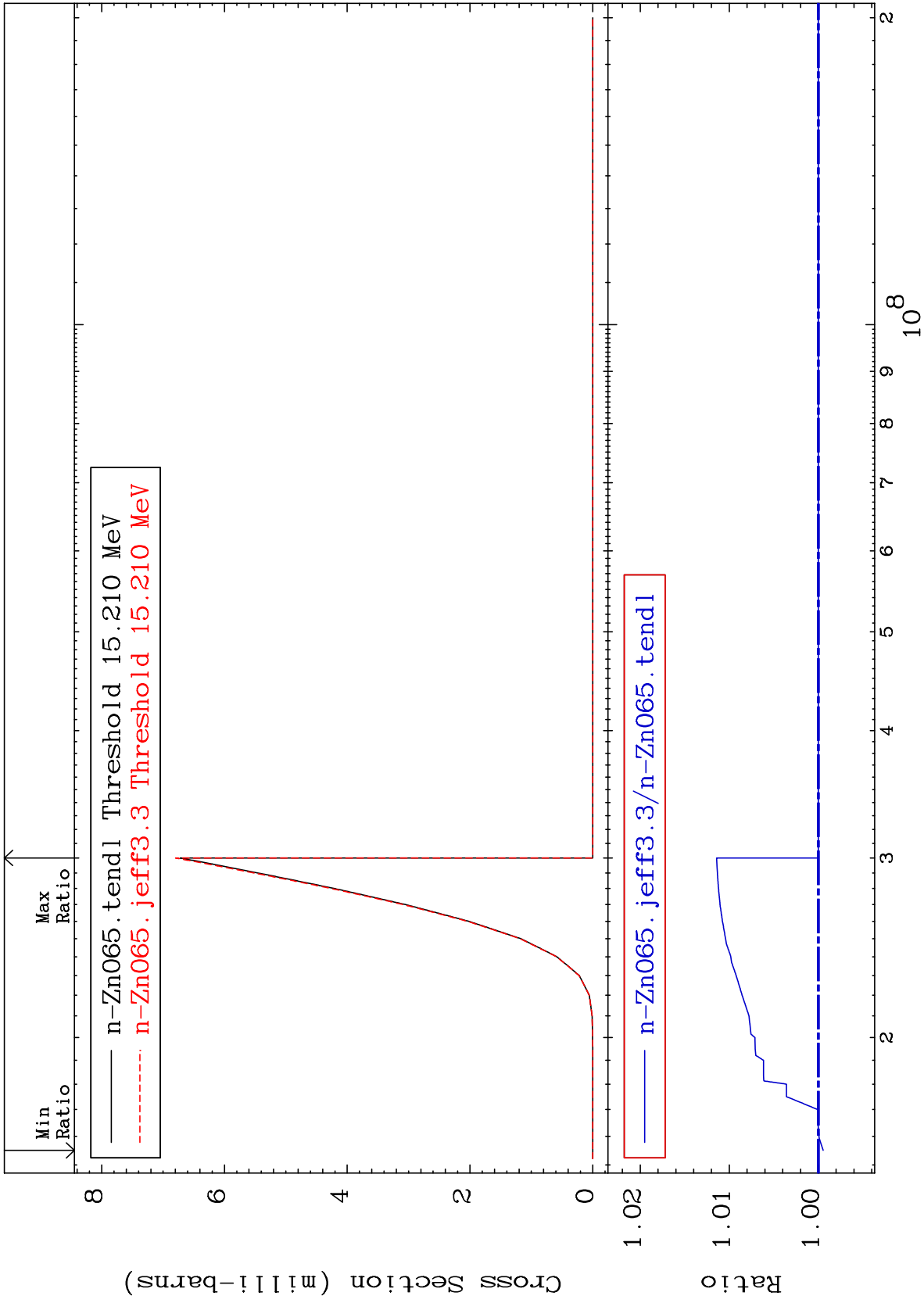
30-Zn-65  
-0.689 To 1.312 %

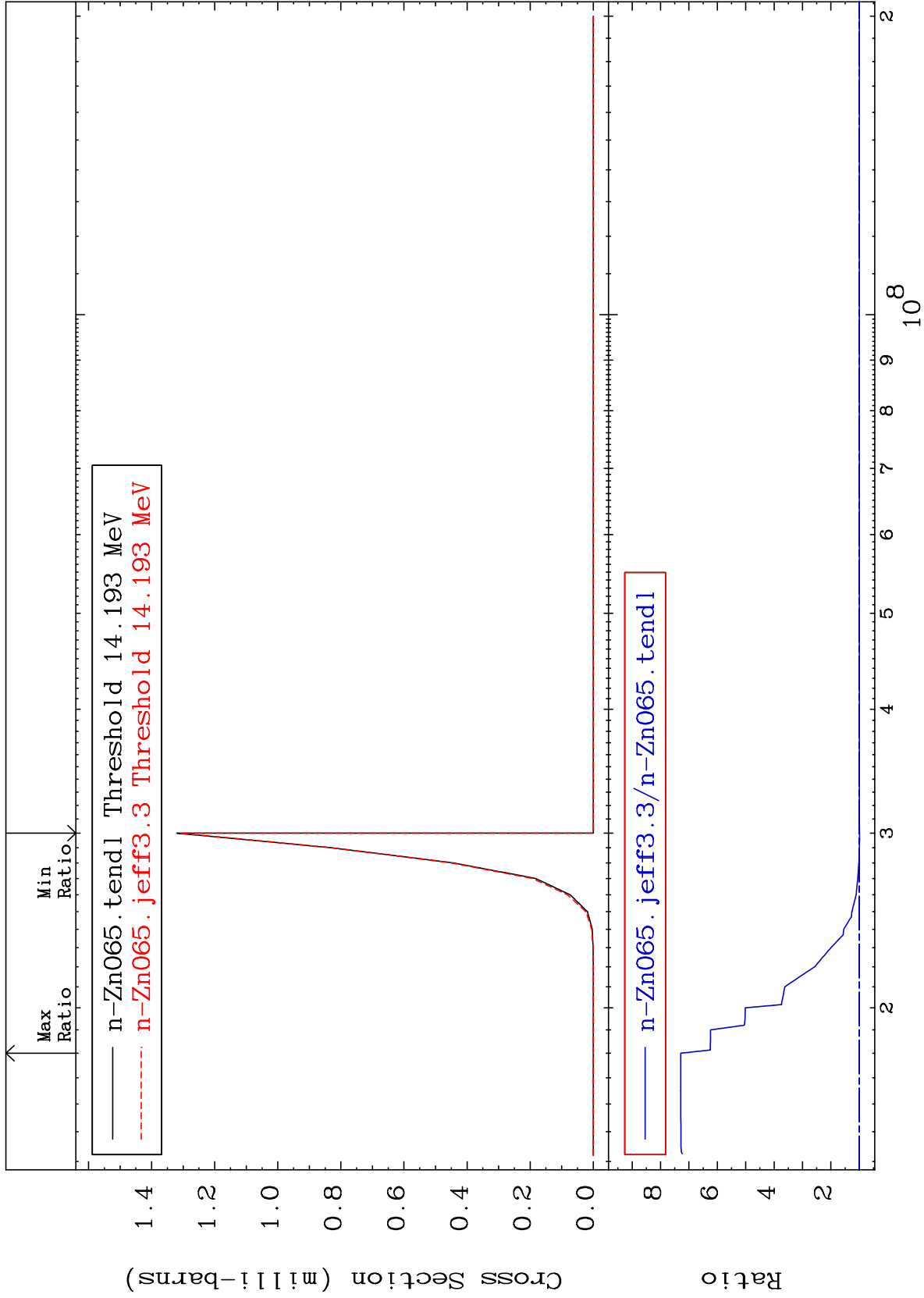


18

Incident Energy (MeV)

30-Zn-65

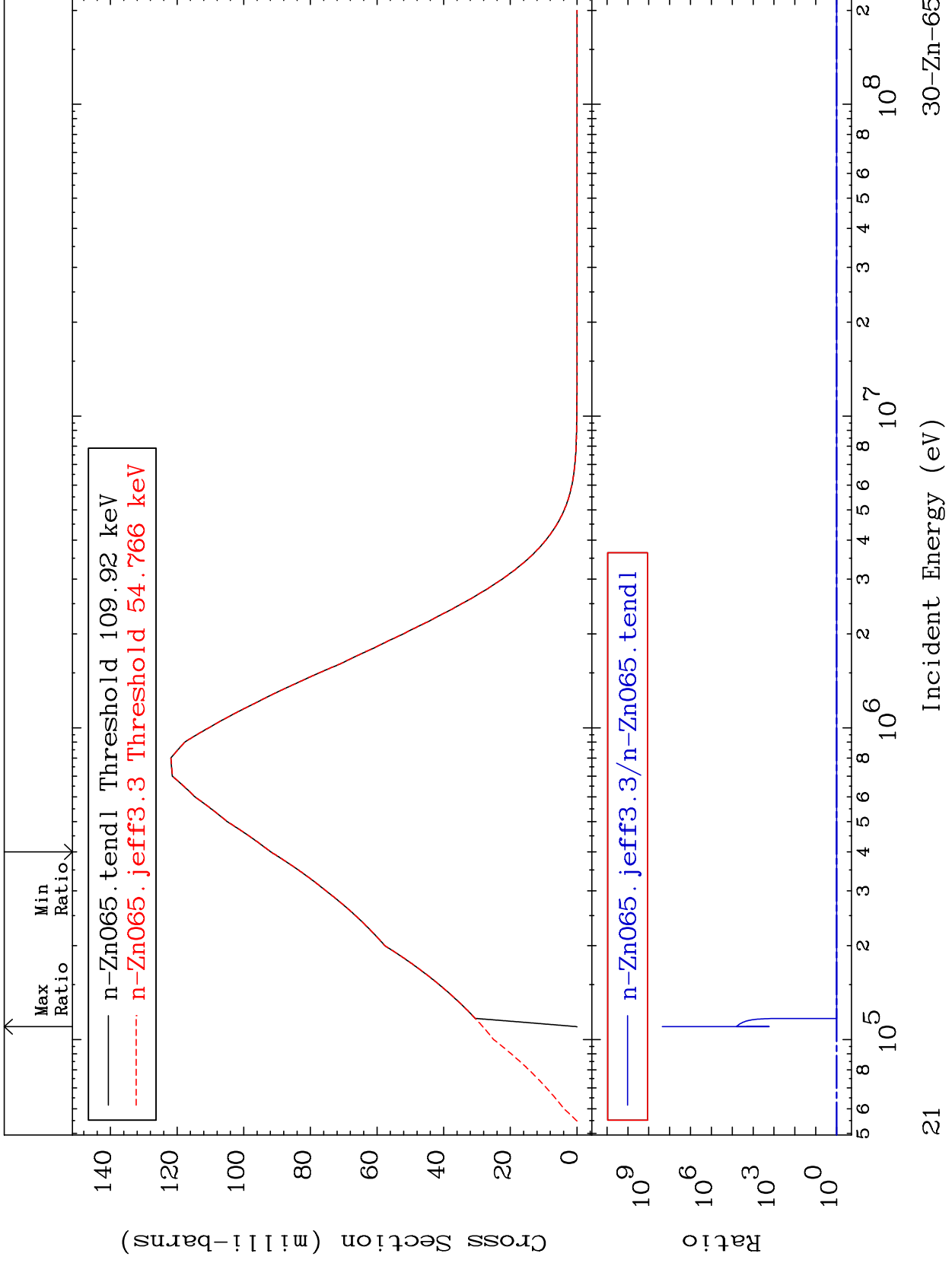




MAT 3028

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

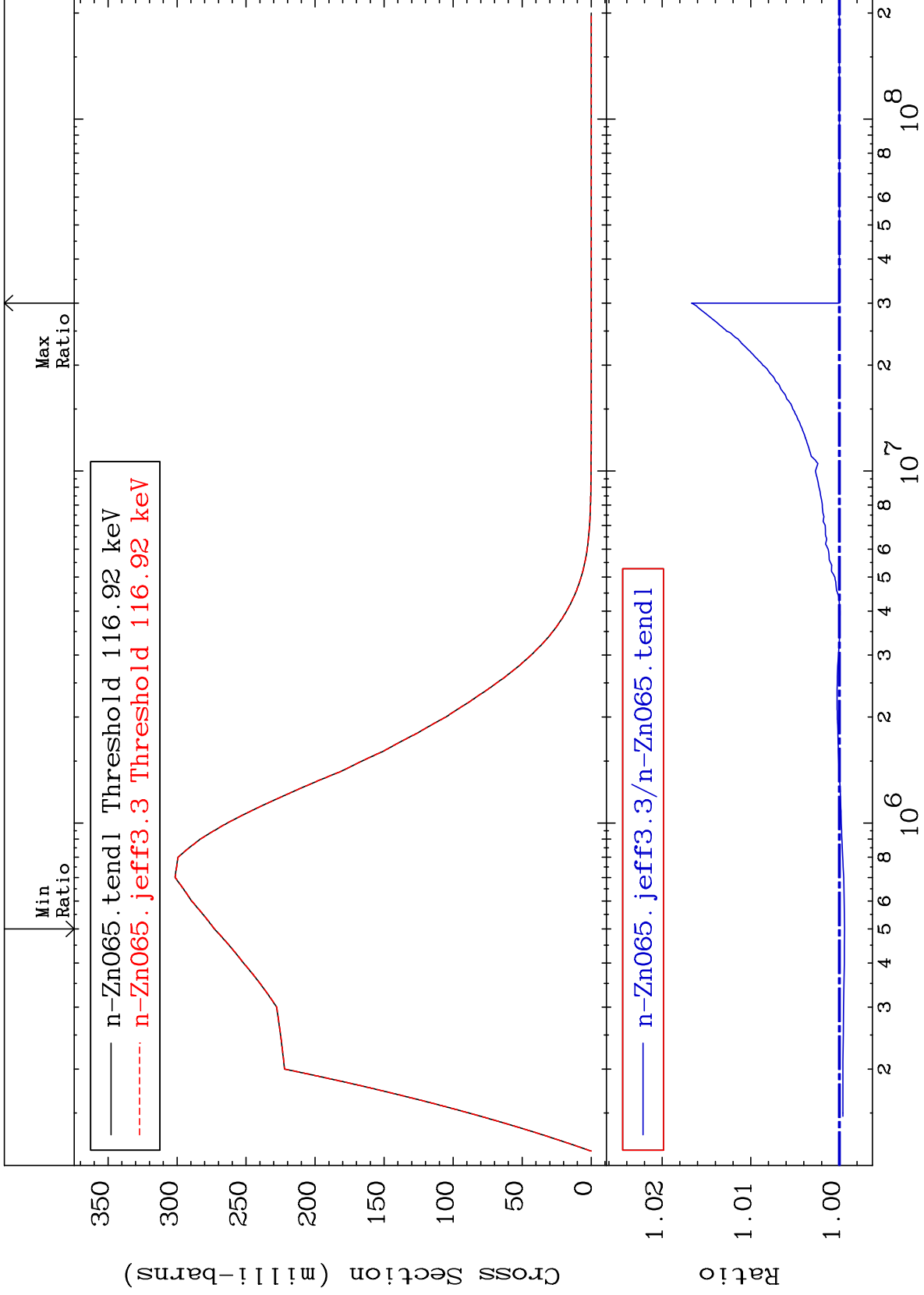
30-Zn-65  
-0.067 To 9999. %



MAT 3028

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

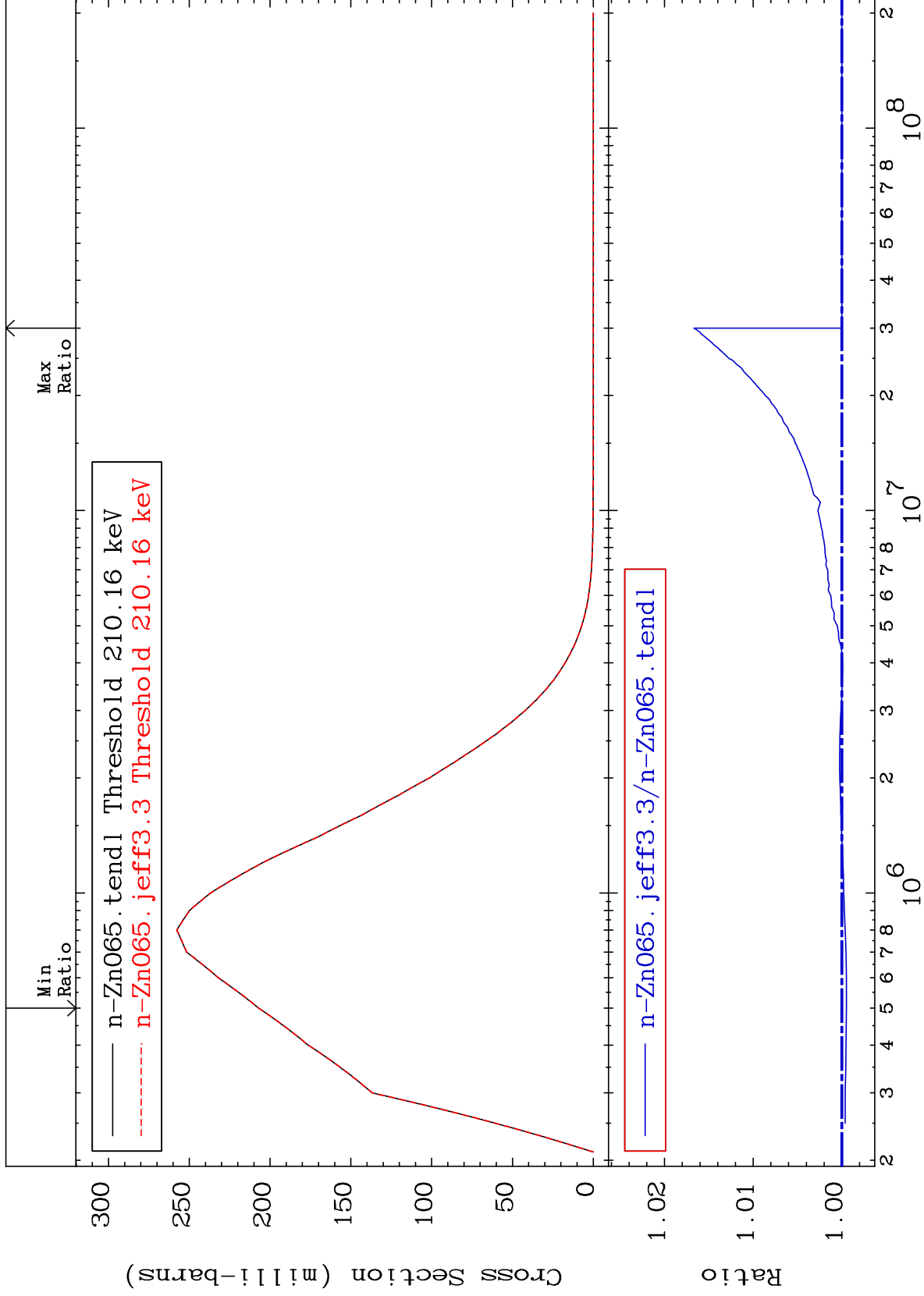
30-Zn-65  
-0.058 To 1.670 %



MAT 3028

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

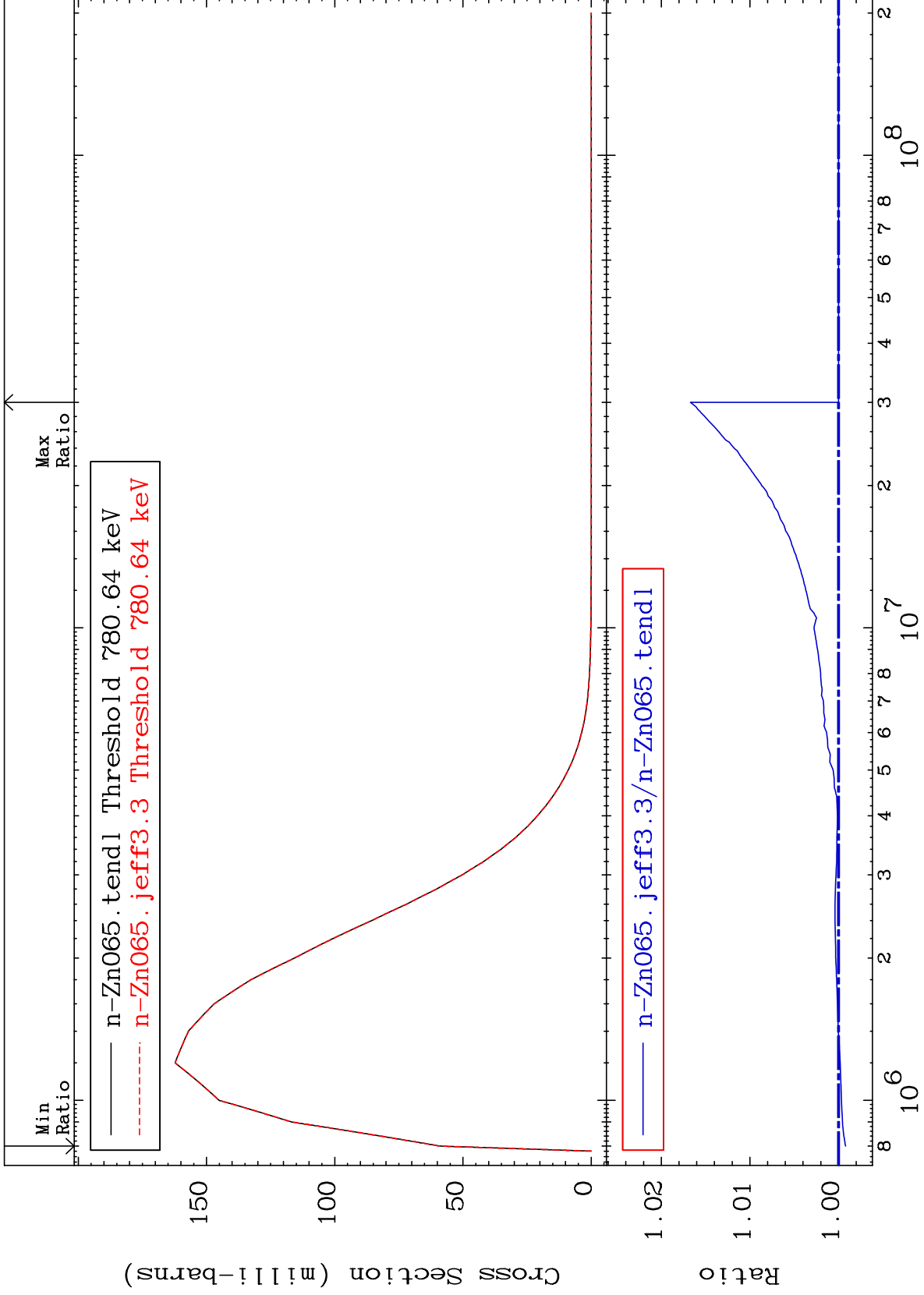
30-Zn-65  
-0.053 To 1.670 %



MAT 3028

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

30-Zn-65  
-0.079 To 1.672 %

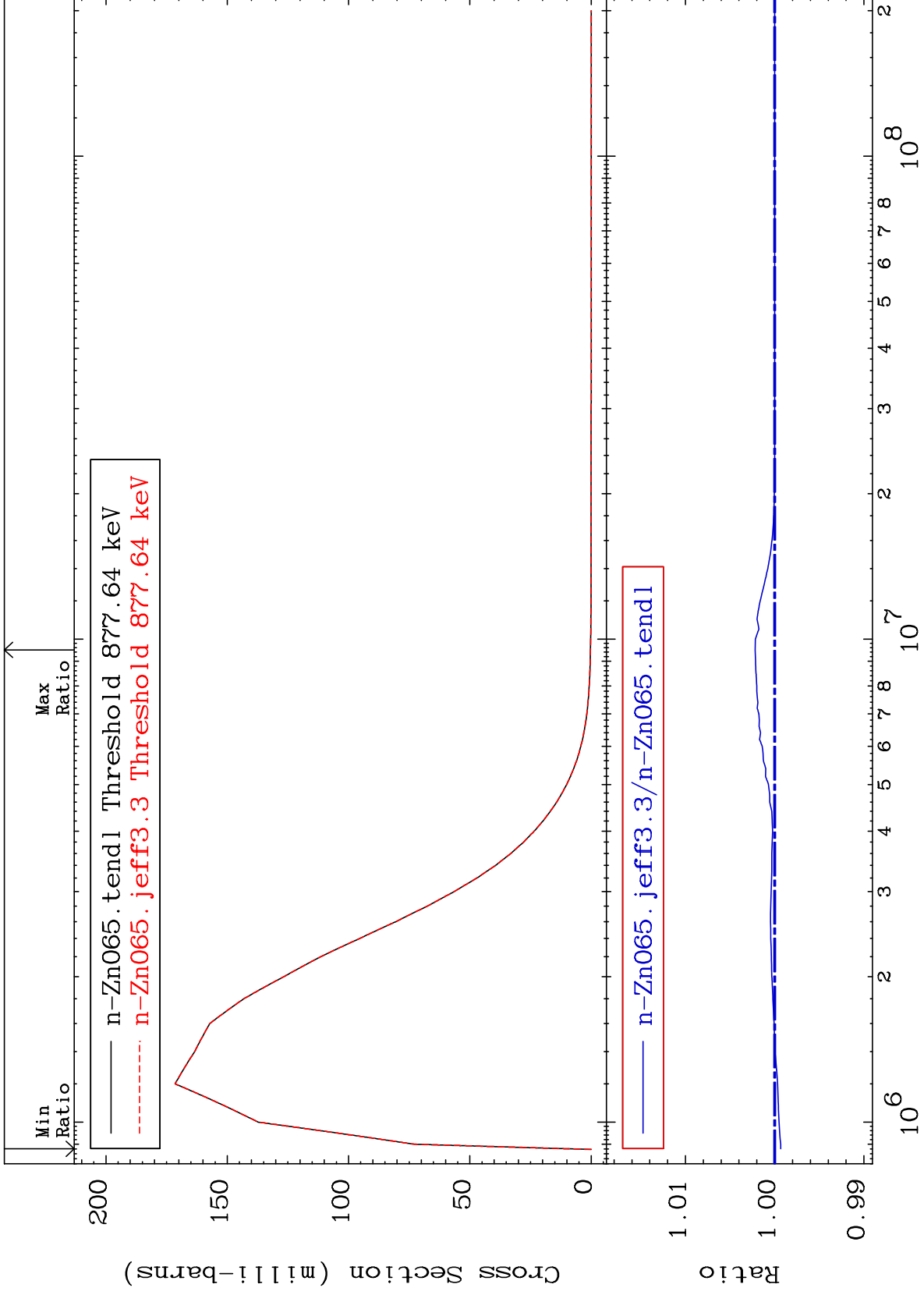




MAT 3028

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

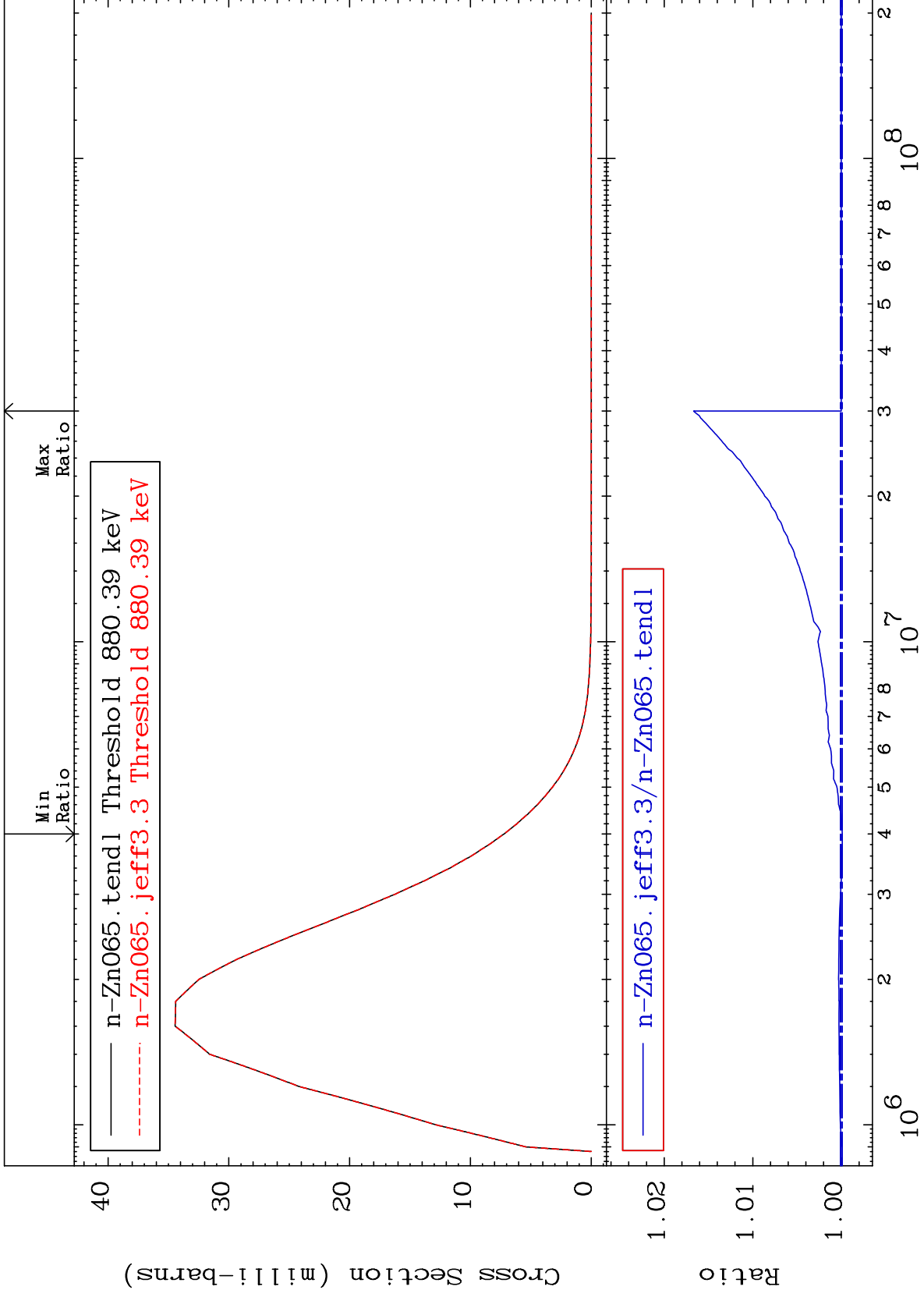
30-Zn-65  
-0.067 To 0.219 %



MAT 3028

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

30-Zn-65  
-0.012 To 1.669 %



26

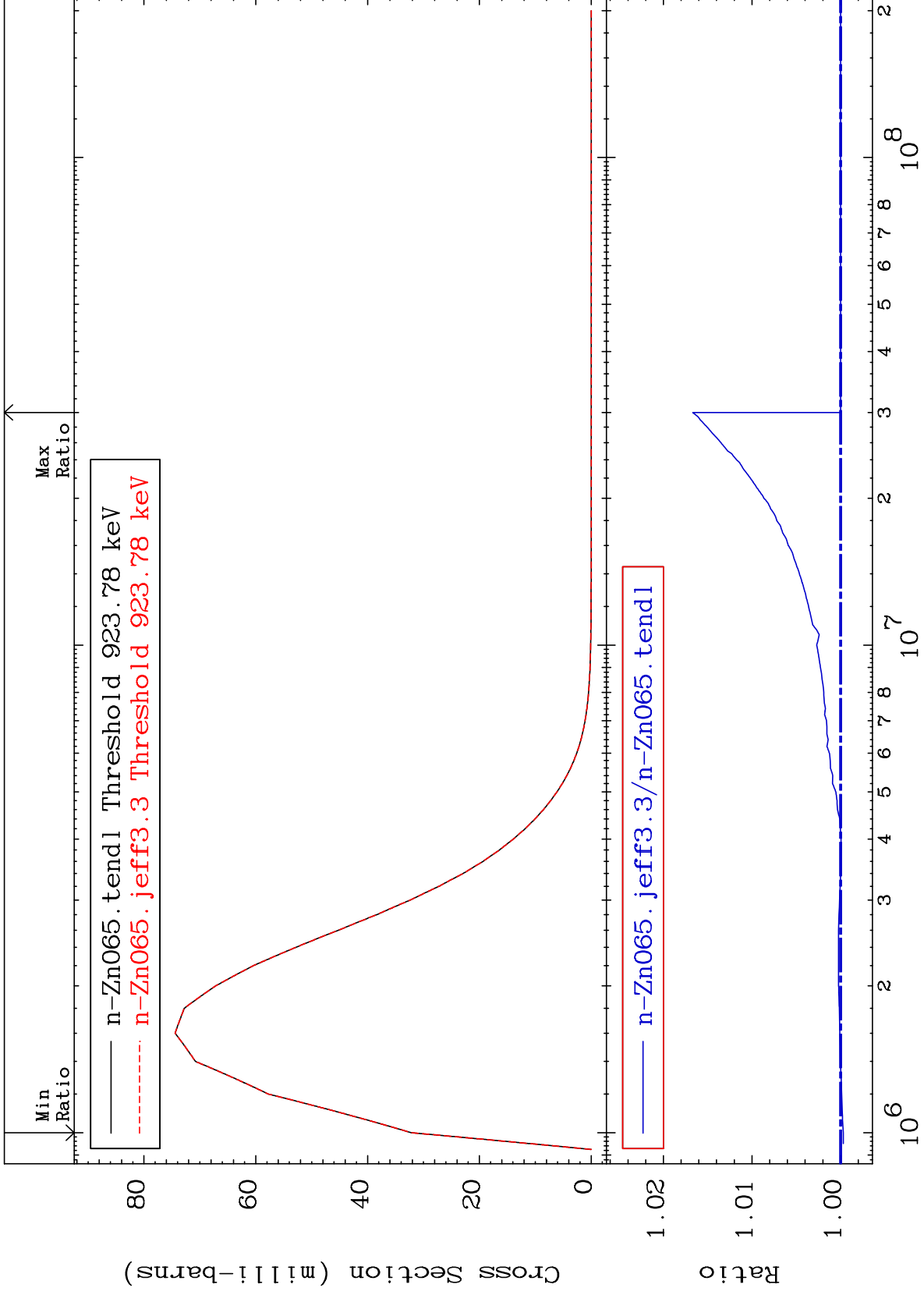
30-Zn-65

30-Zn-65

MAT 3028

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

30-Zn-65  
-0.030 To 1.670 %



27

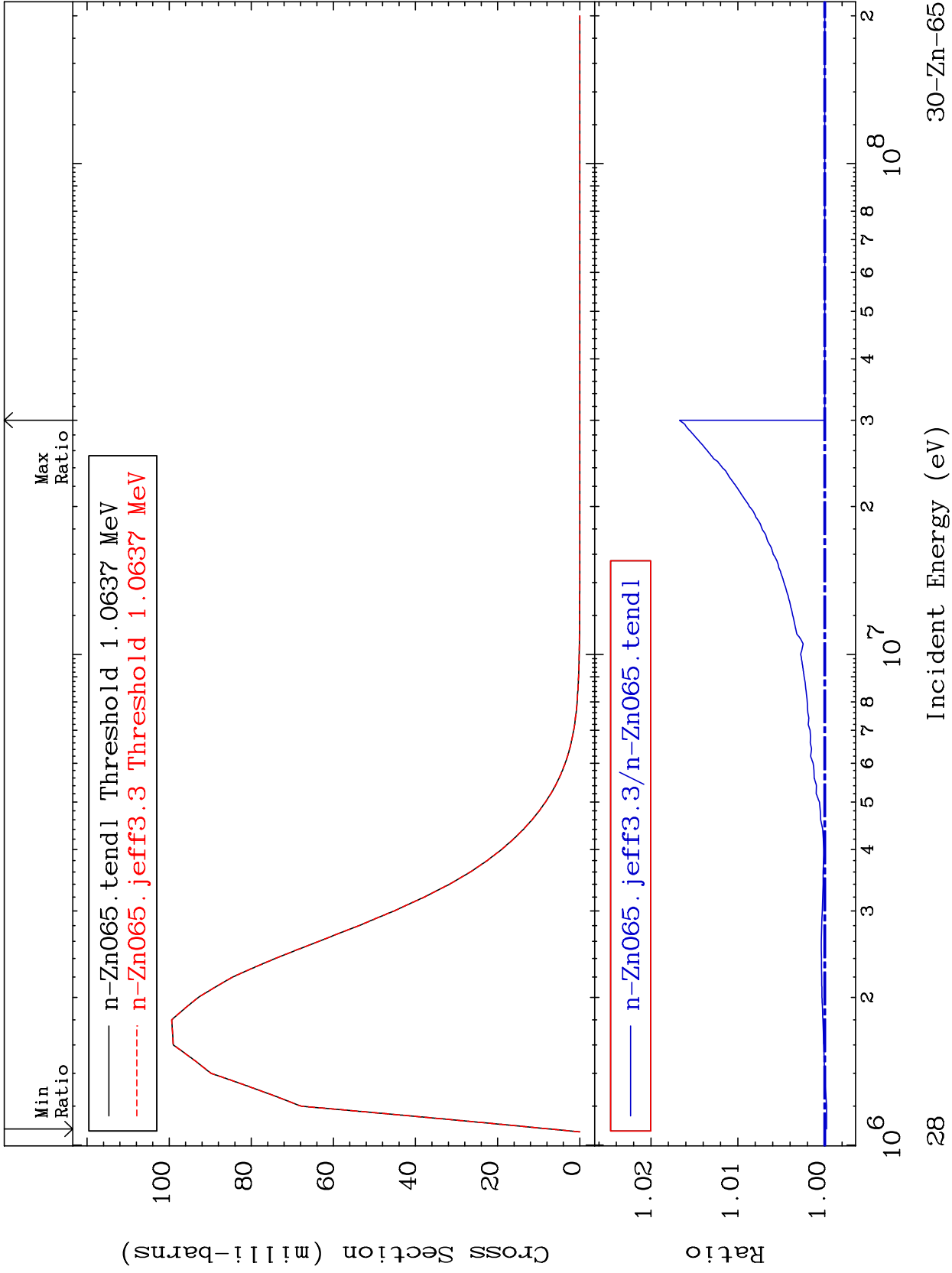
30-Zn-65

30-Zn-65

MAT 3028

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

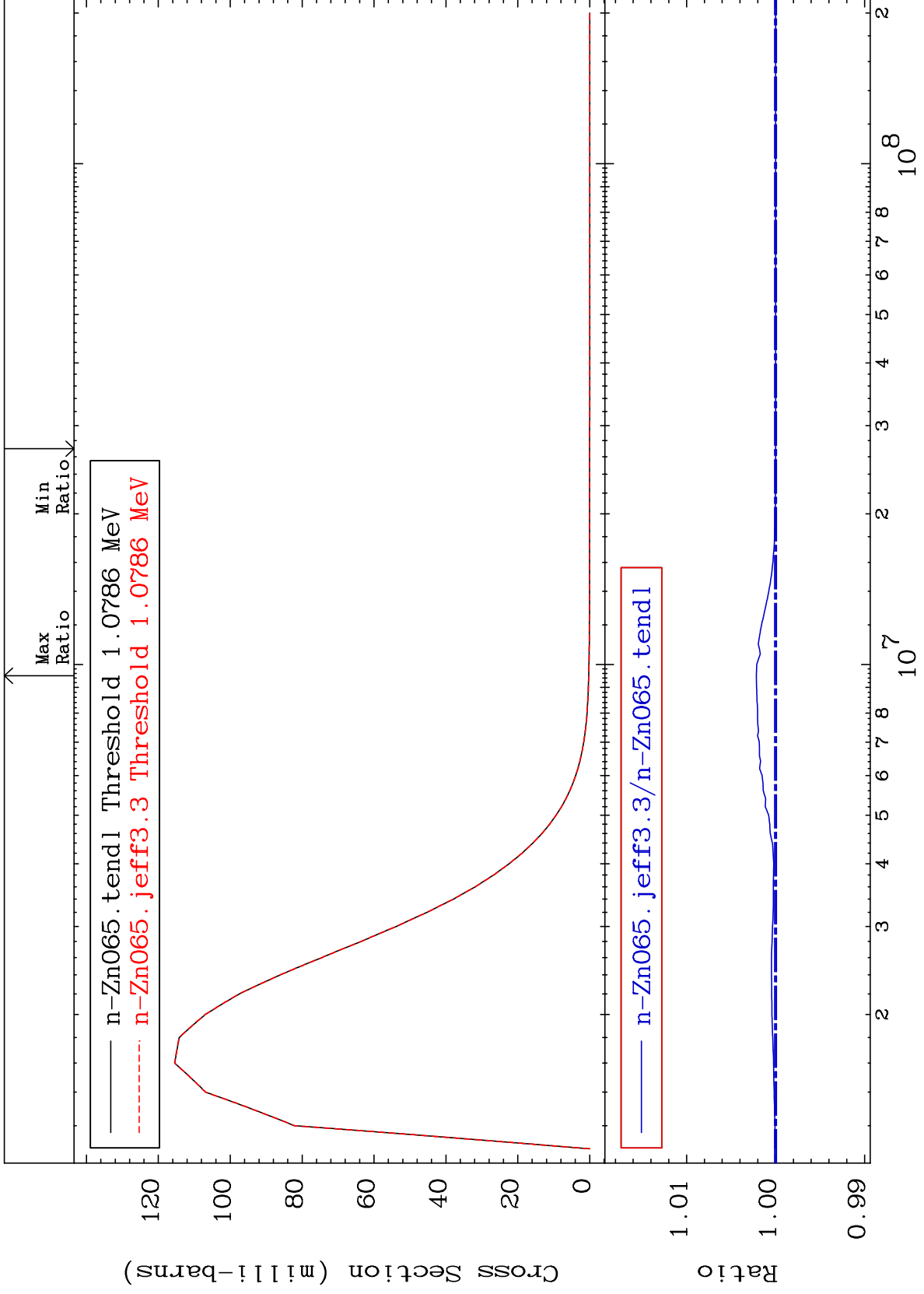
30-Zn-65  
-0.021 To 1.671 %



MAT 3028

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

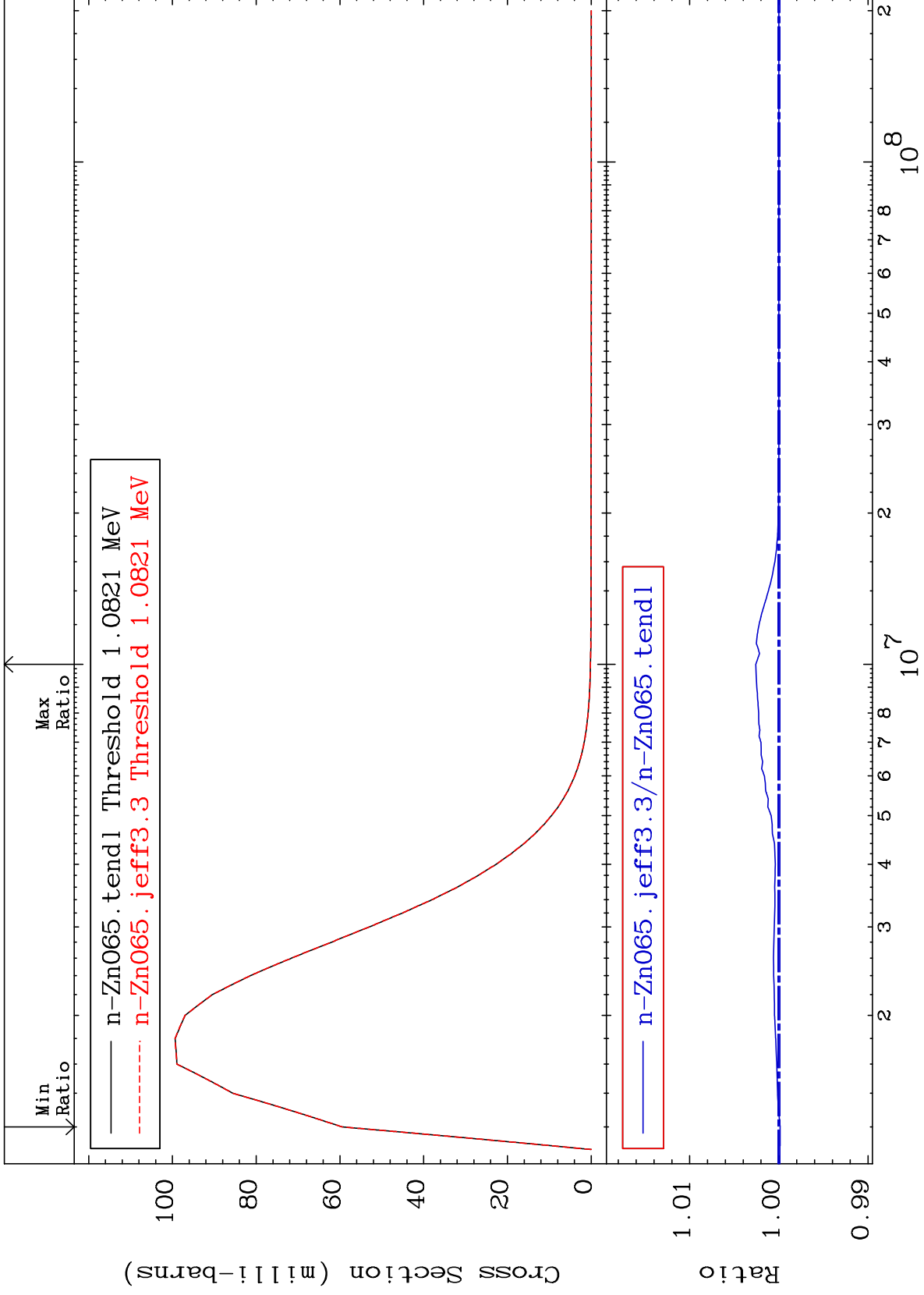
30-Zn-65  
0.000 To 0.215 %



MAT 3028

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

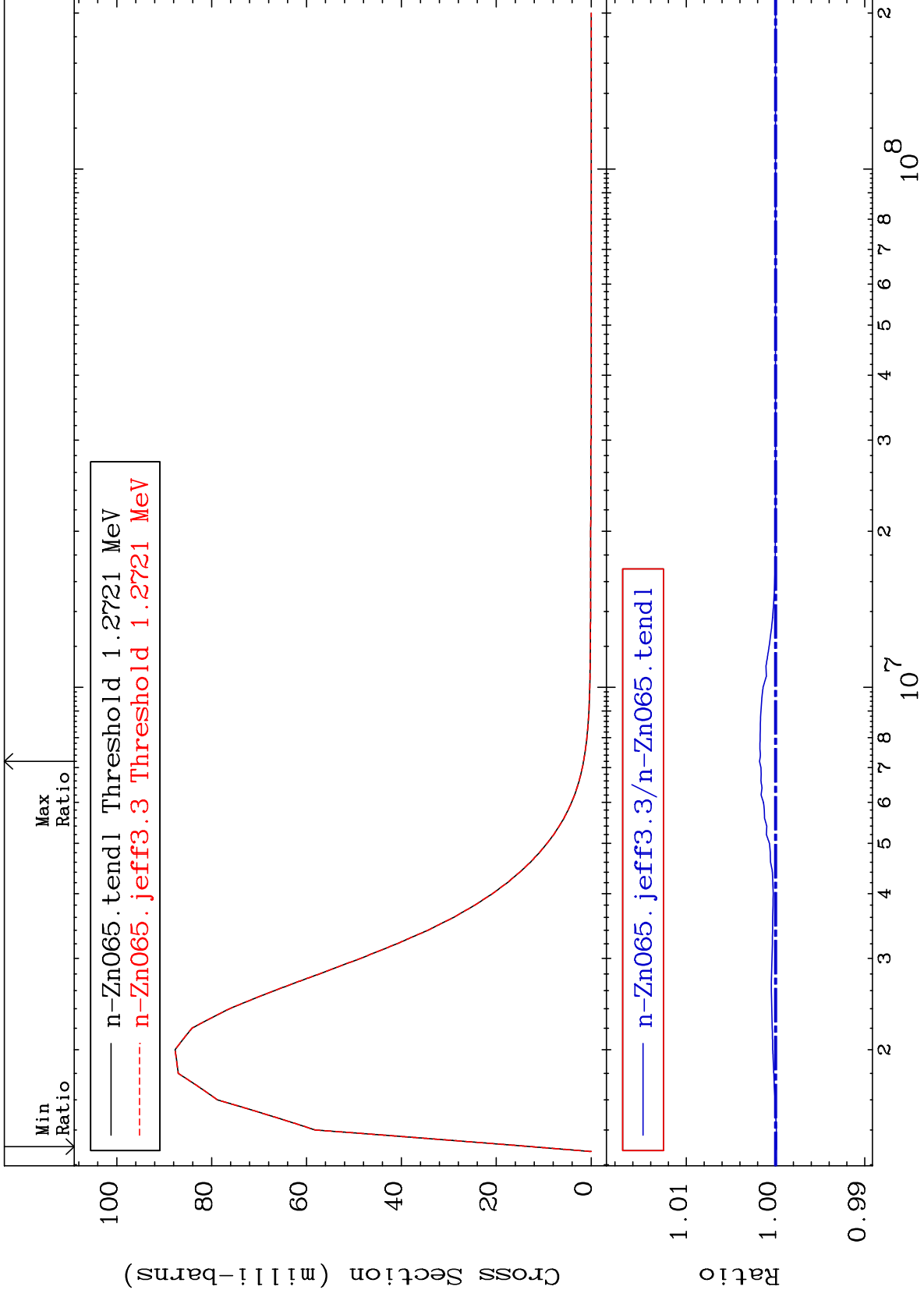
30-Zn-65  
-0.013 To 0.259 %



MAT 3028

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

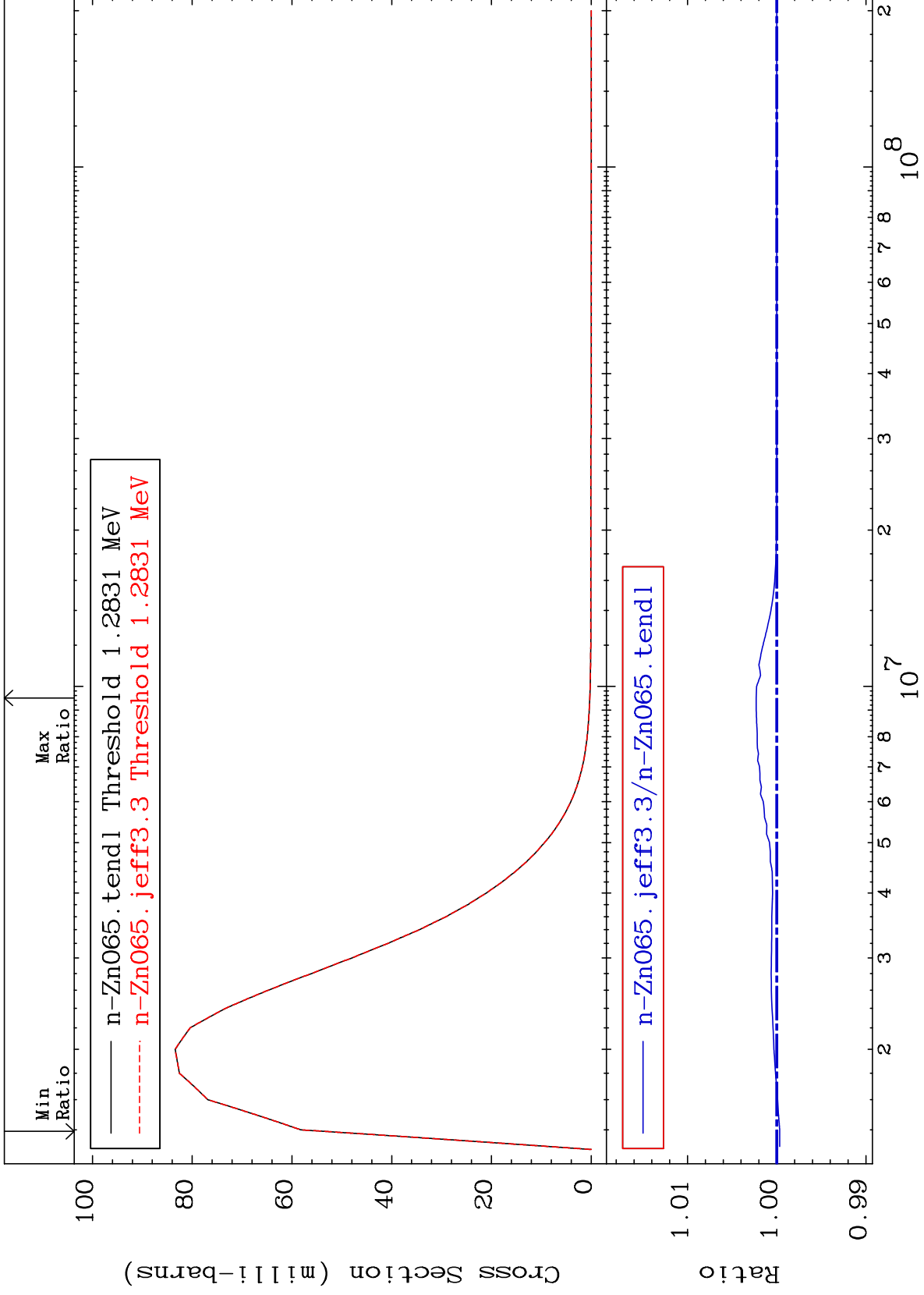
30-Zn-65  
-0.009 To 0.180 %



MAT 3028

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

30-Zn-65  
-0.033 To 0.230 %

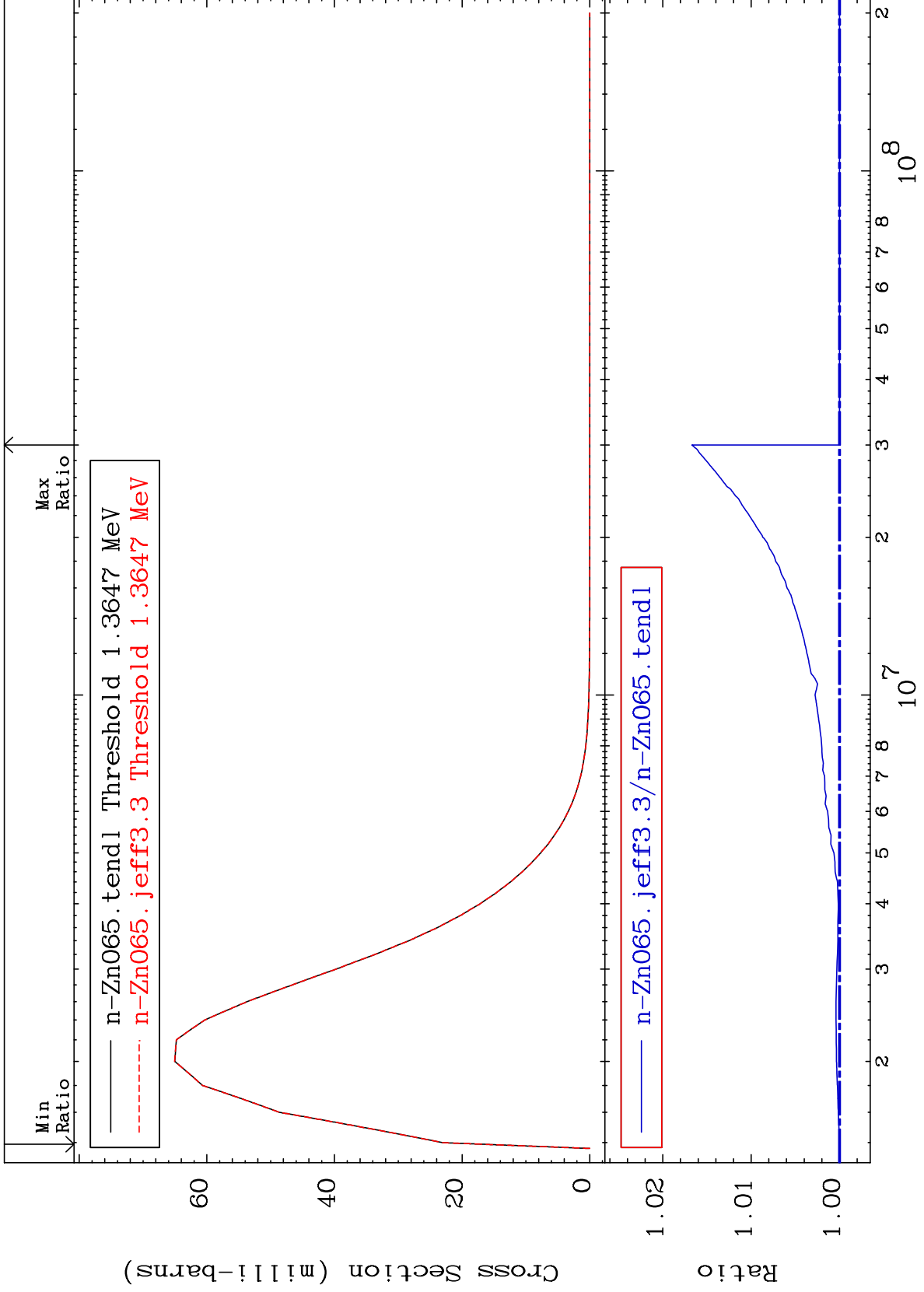




MAT 3028

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

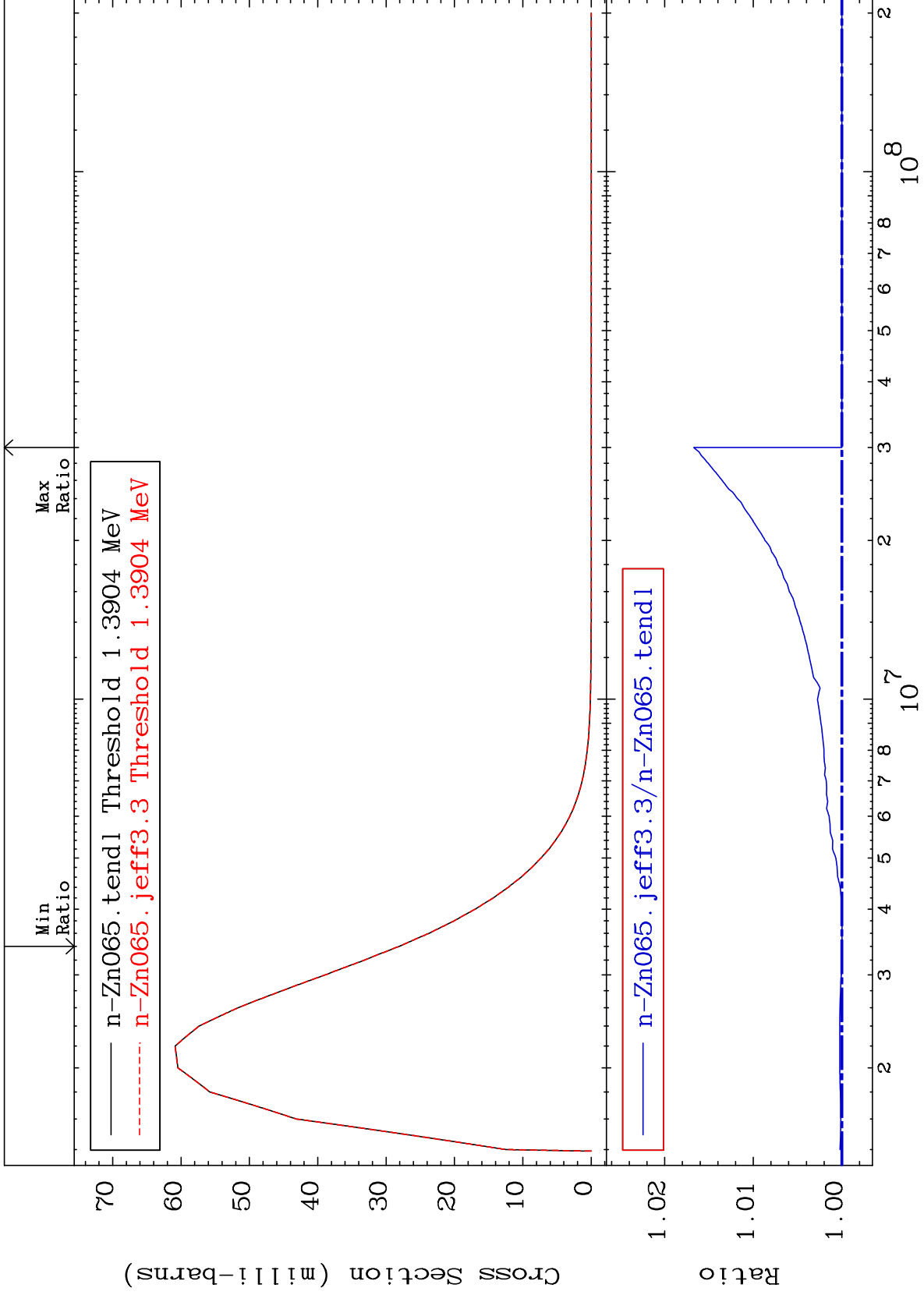
30-Zn-65  
-0.008 To 1.672 %



MAT 3028

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

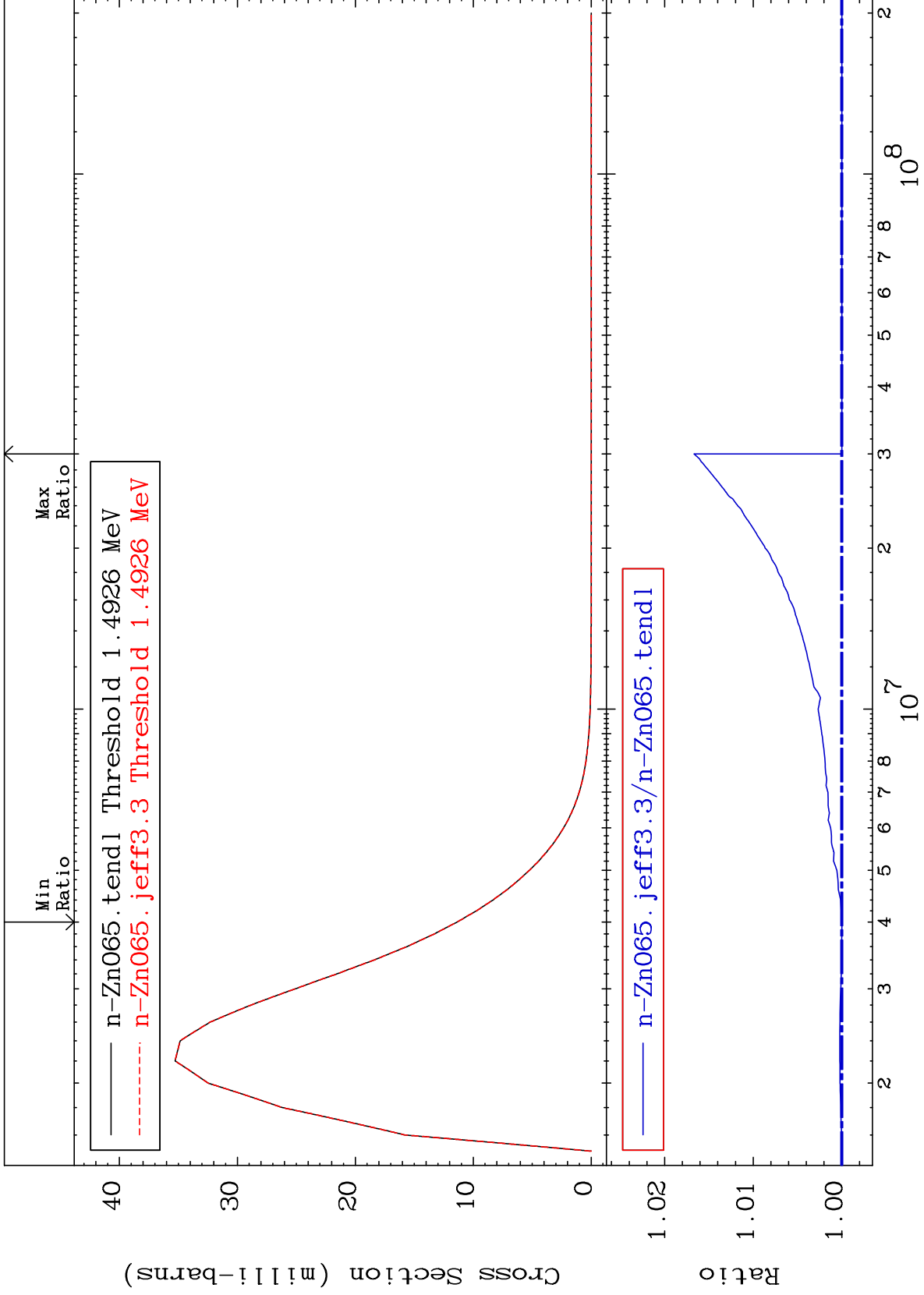
30-Zn-65  
-0.003 To 1.672 %



MAT 3028

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

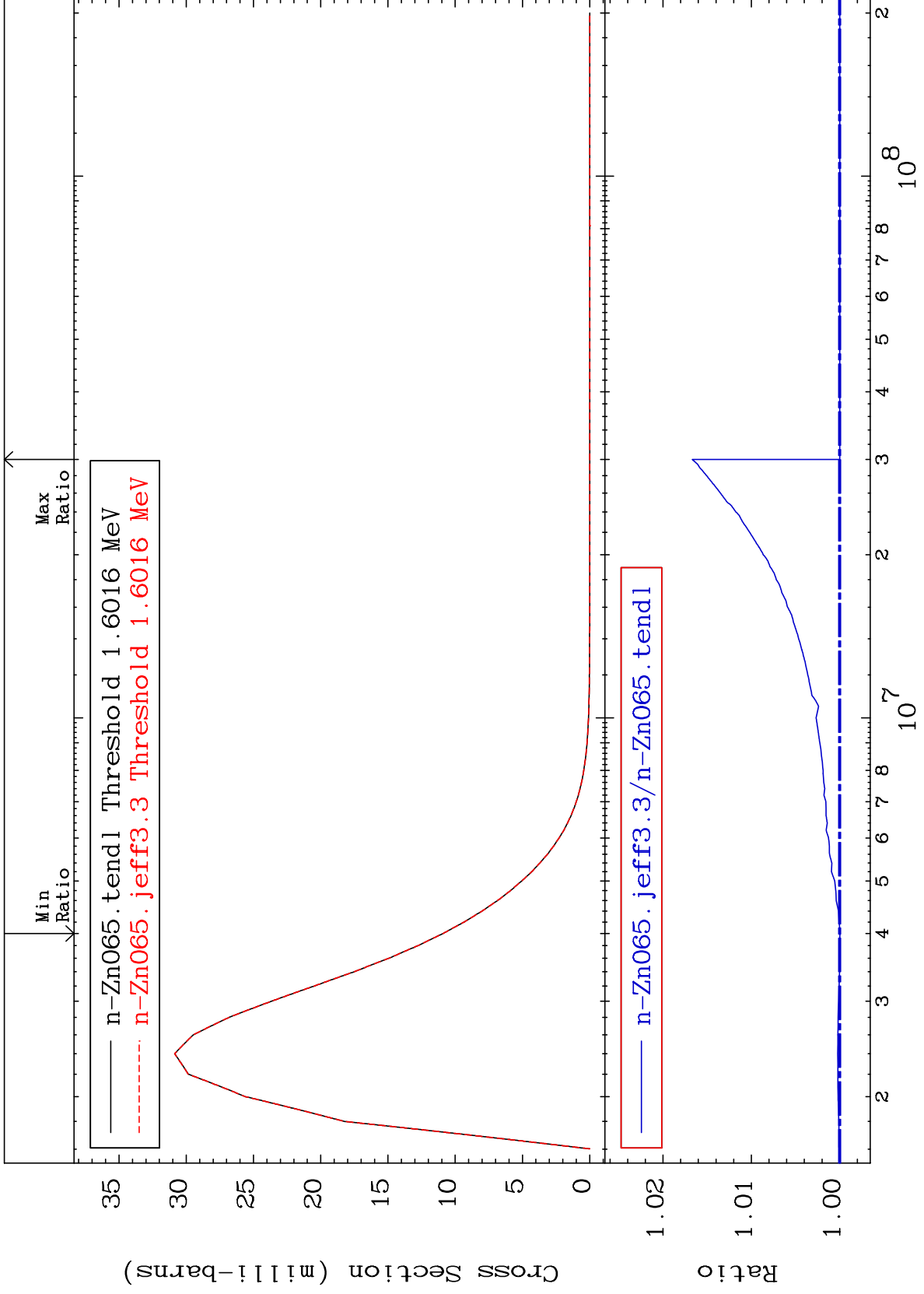
30-Zn-65  
-0.003 To 1.670 %



MAT 3028

MT= 66 (n,n') Level  
Cross Section

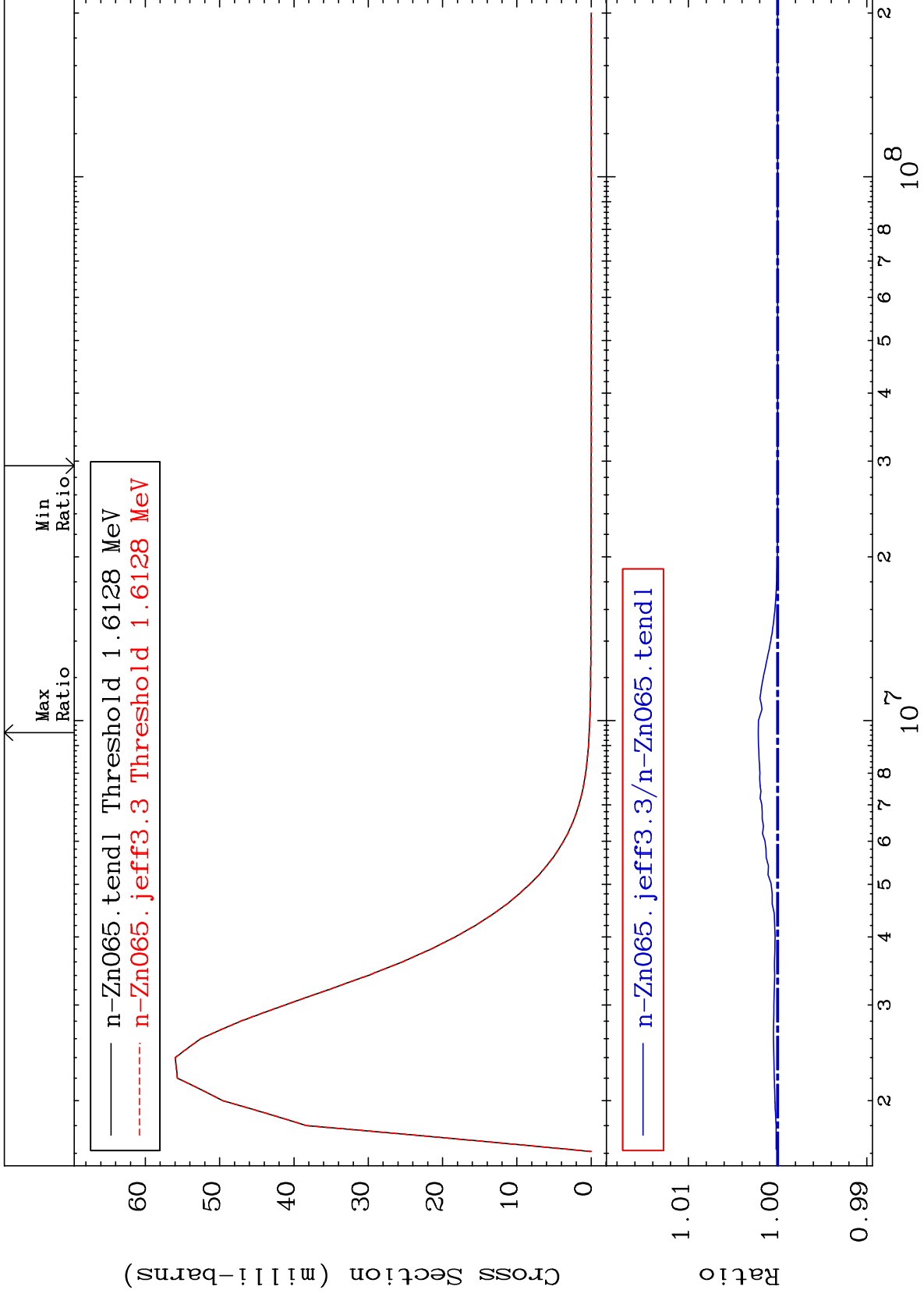
30-Zn-65  
-0.002 To 1.670 %



MAT 3028

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

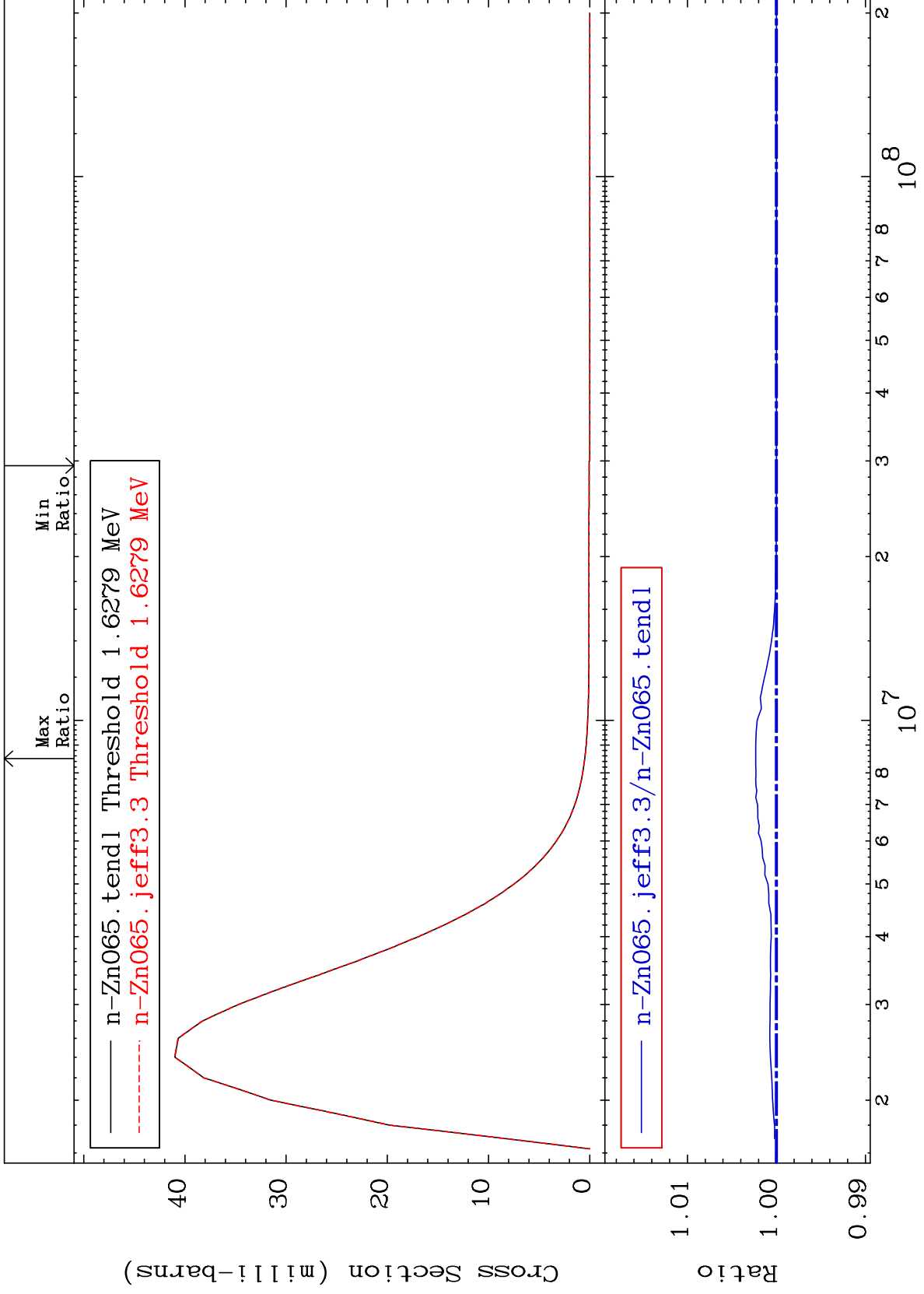
30-Zn-65  
To 0.217 %



MAT 3028

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

30-Zn-65  
0.000 To 0.233 %



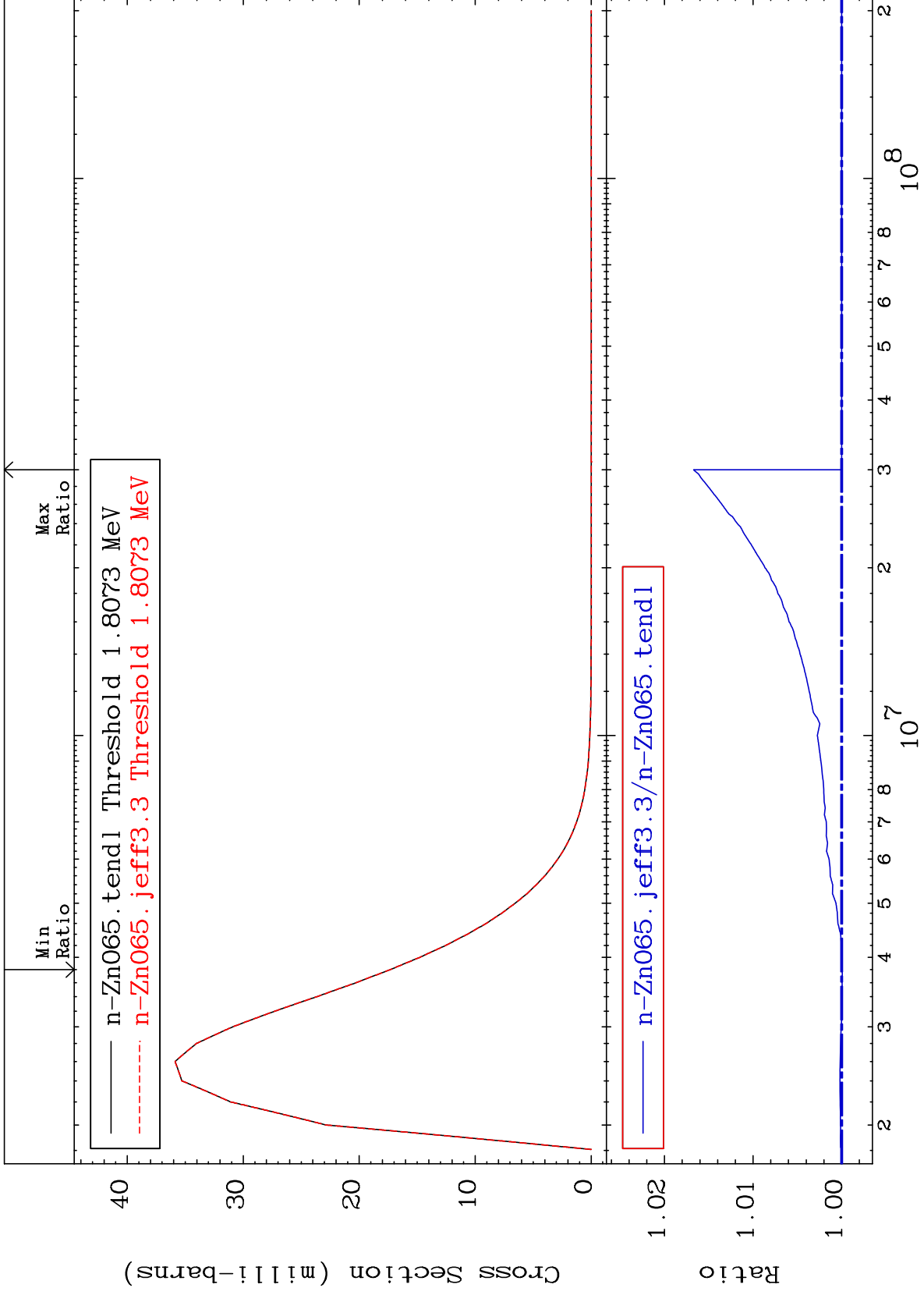
— n-Zn065.tendl Threshold 1.6279 MeV  
- - - n-Zn065.jeff3.3 Threshold 1.6279 MeV

— n-Zn065.jeff3.3/n-Zn065.tendl

MAT 3028

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

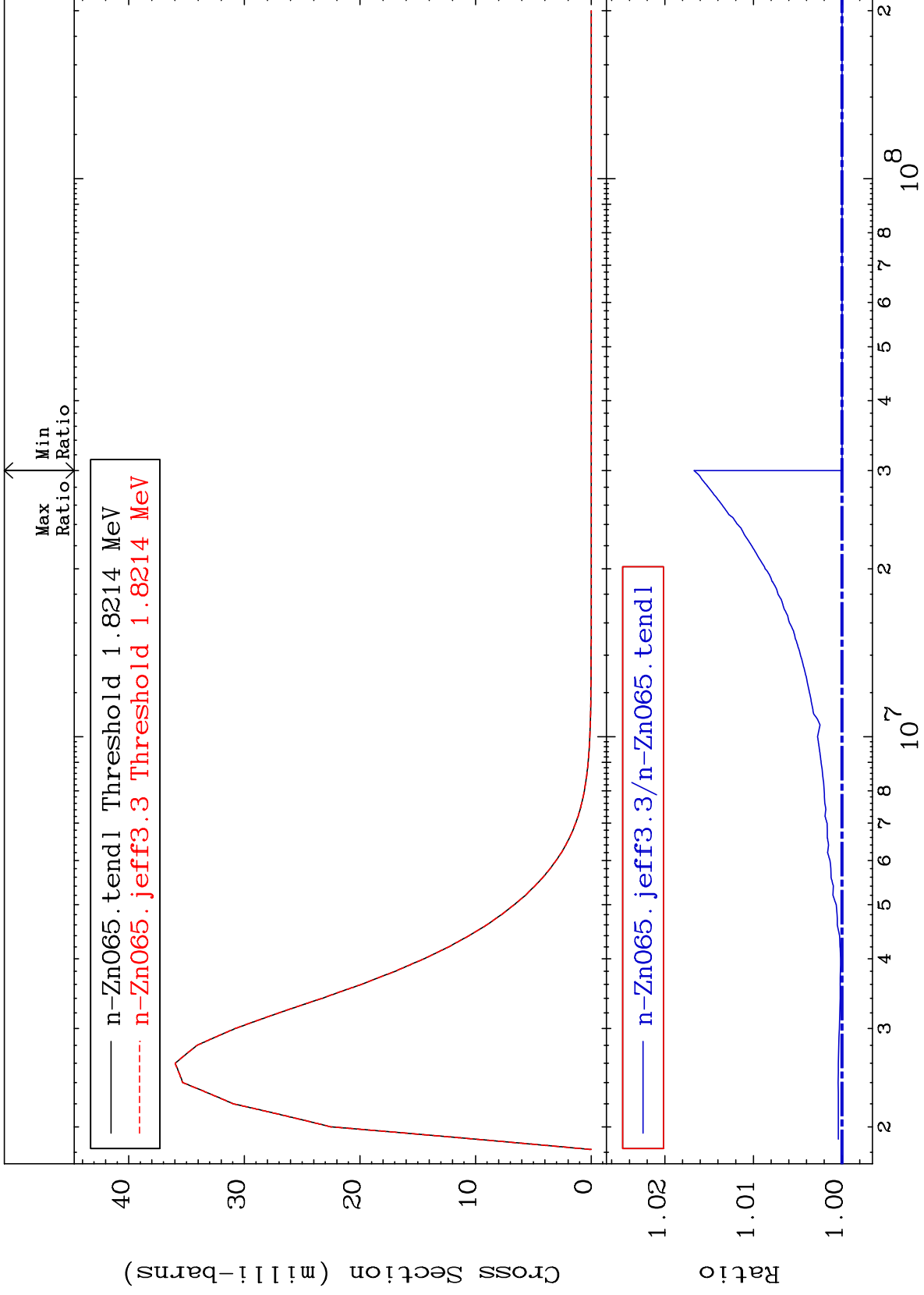
30-Zn-65  
-0.008 To 1.671 %



MAT 3028

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

30-Zn-65  
To 1.672 %



40

Incident Energy (eV)

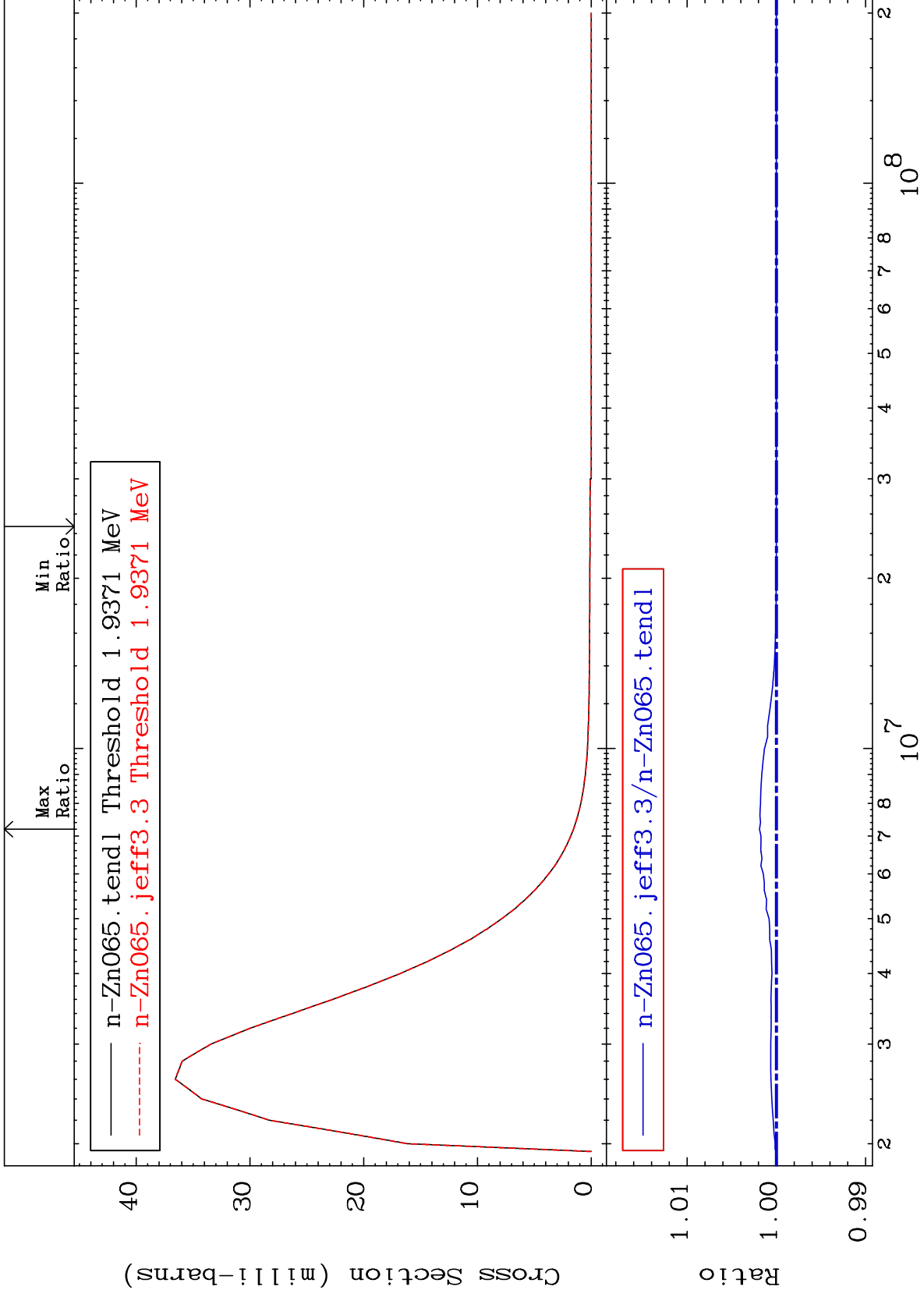
30-Zn-65



MAT 3028

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

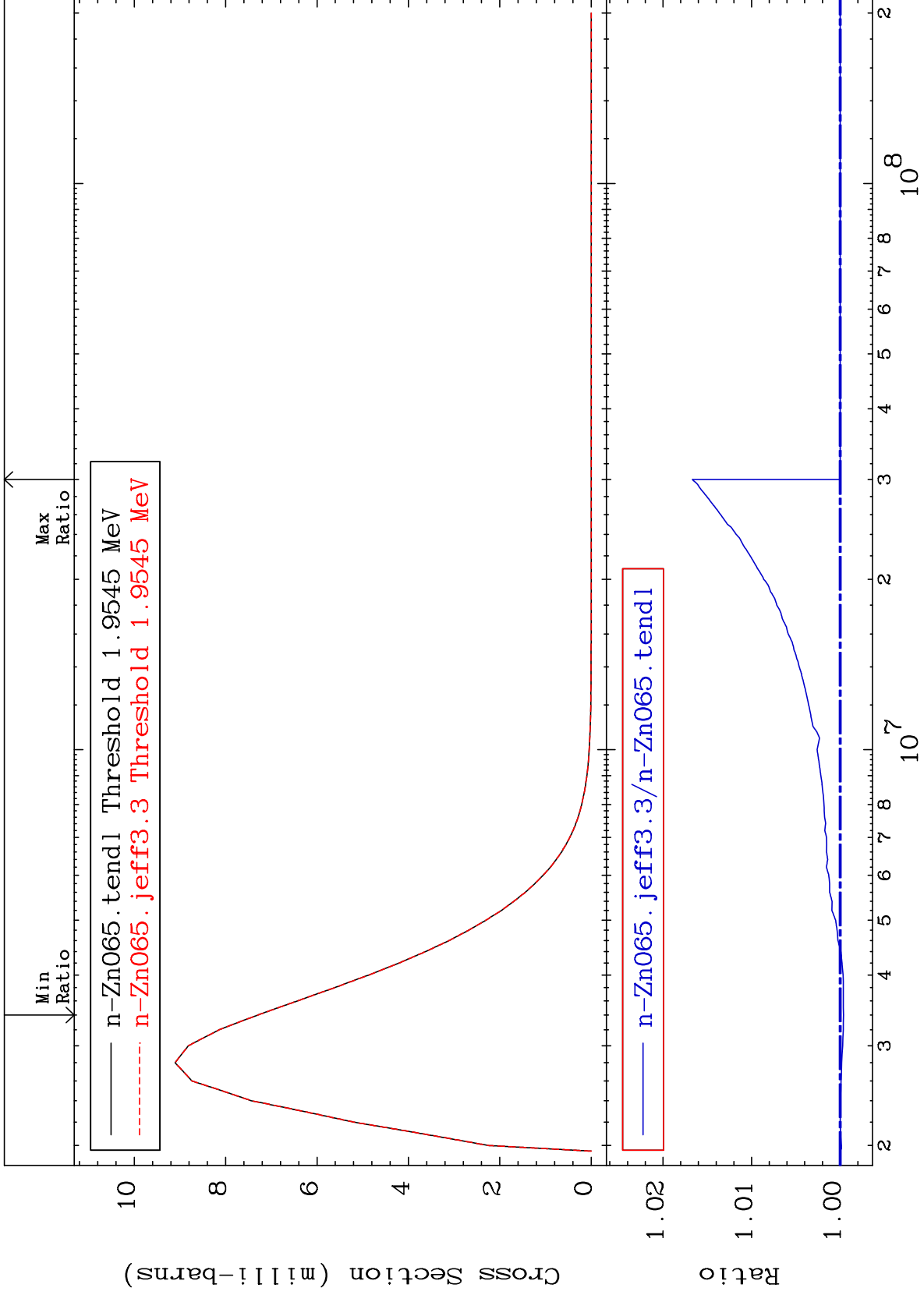
30-Zn-65  
To 0.190 %



MAT 3028

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

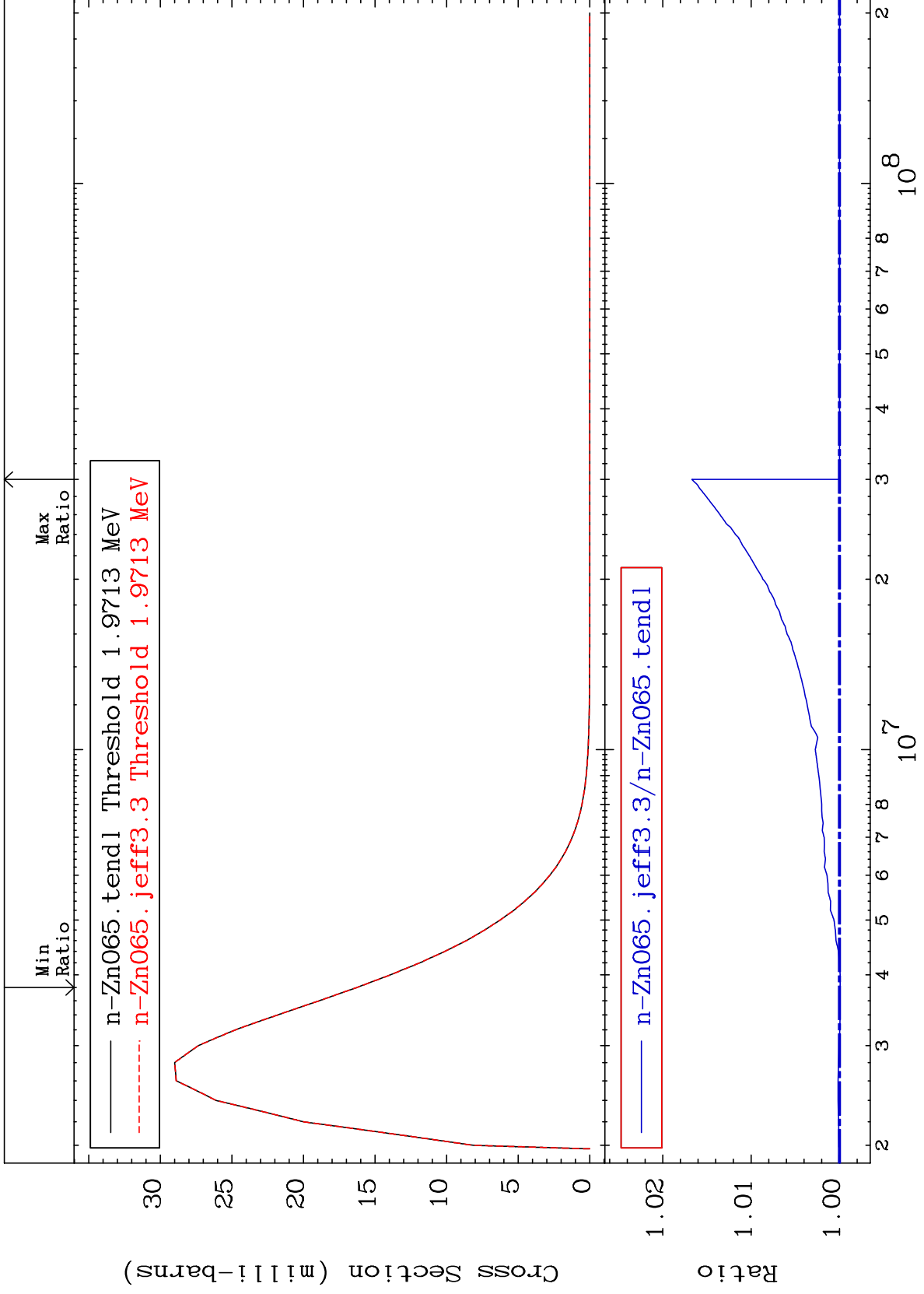
30-Zn-65  
-0.038 To 1.668 %



MAT 3028

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

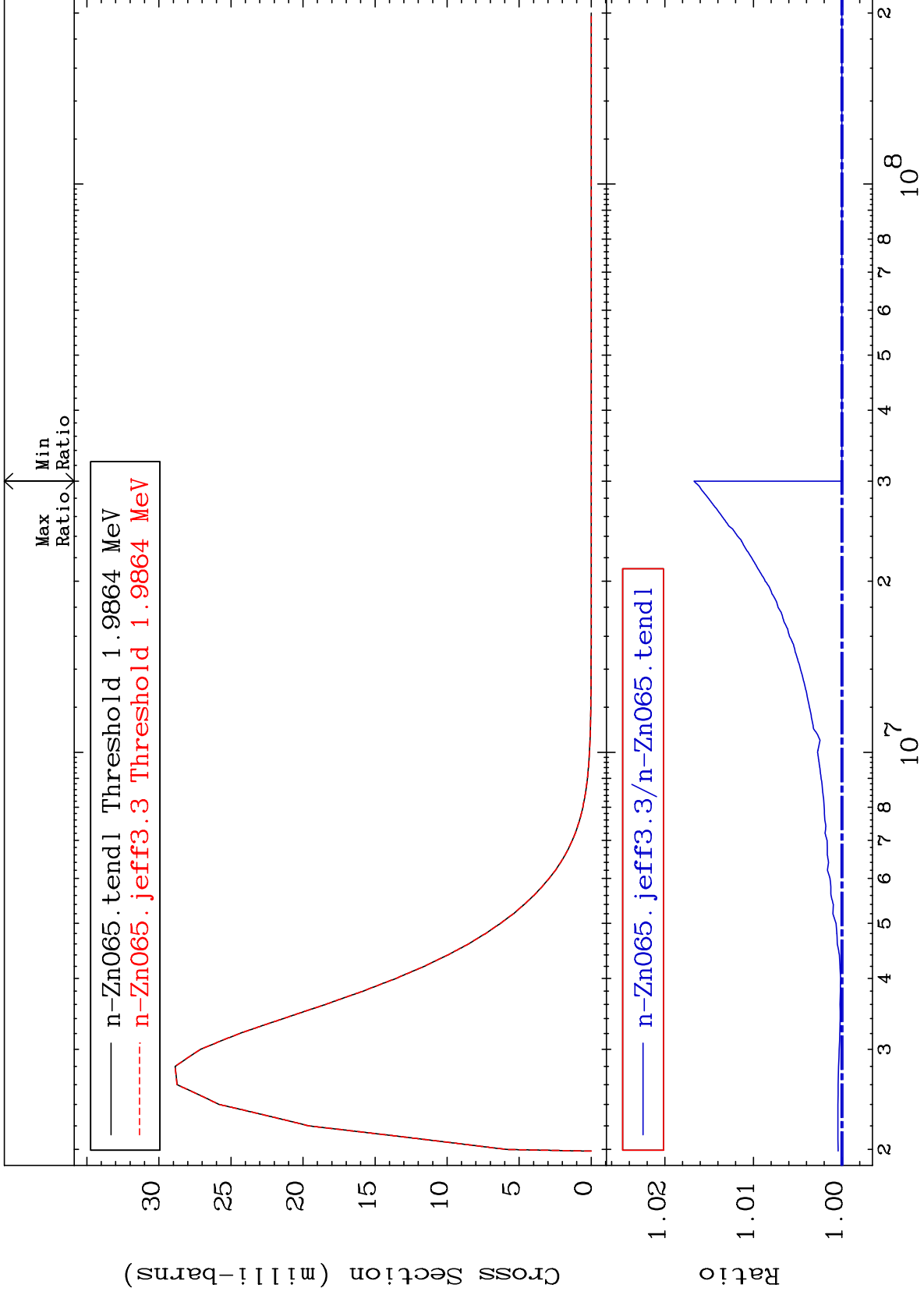
30-Zn-65  
-0.009 To 1.671 %



MAT 3028

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

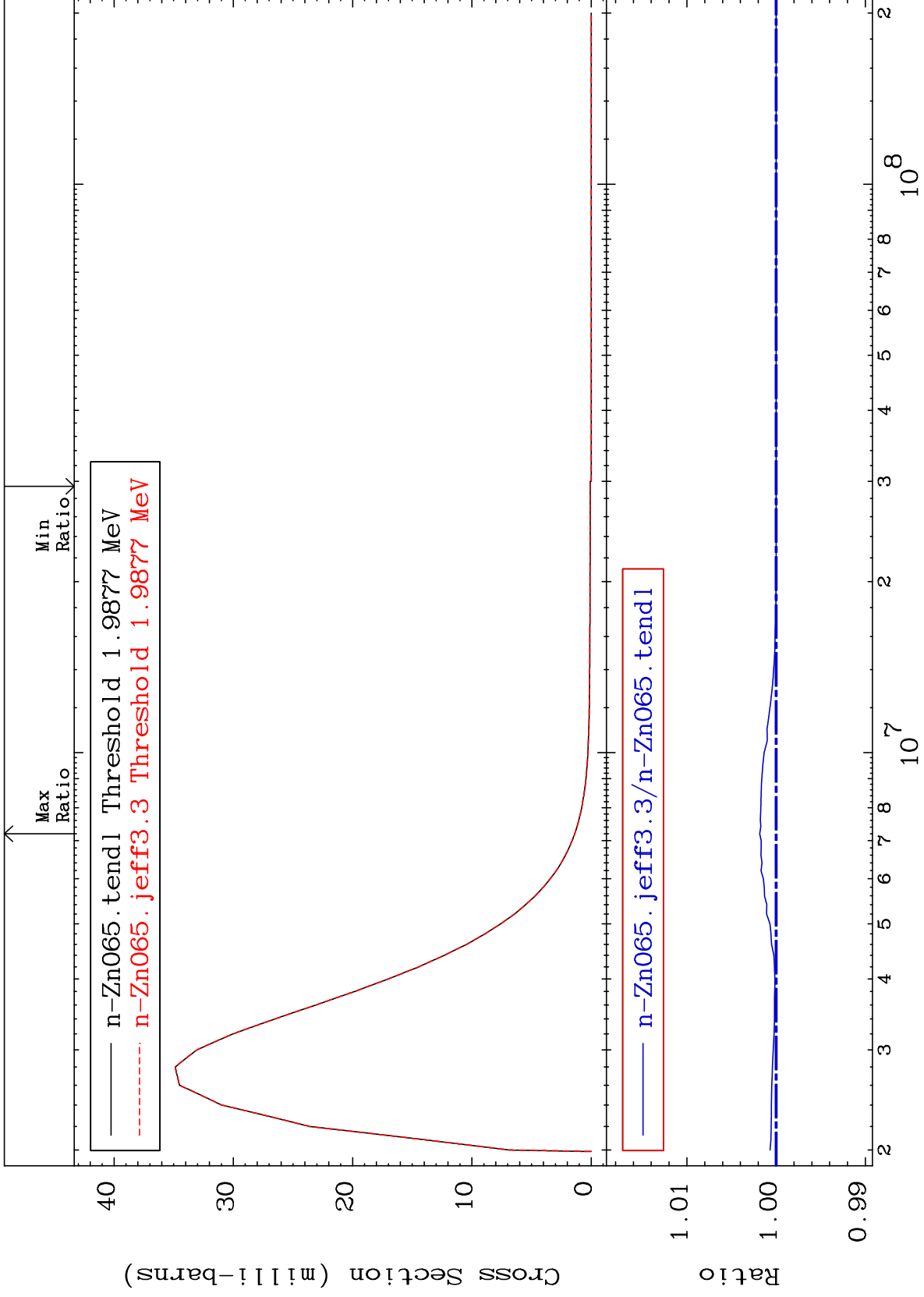
30-Zn-65  
To 1.671 %



MAT 3028

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

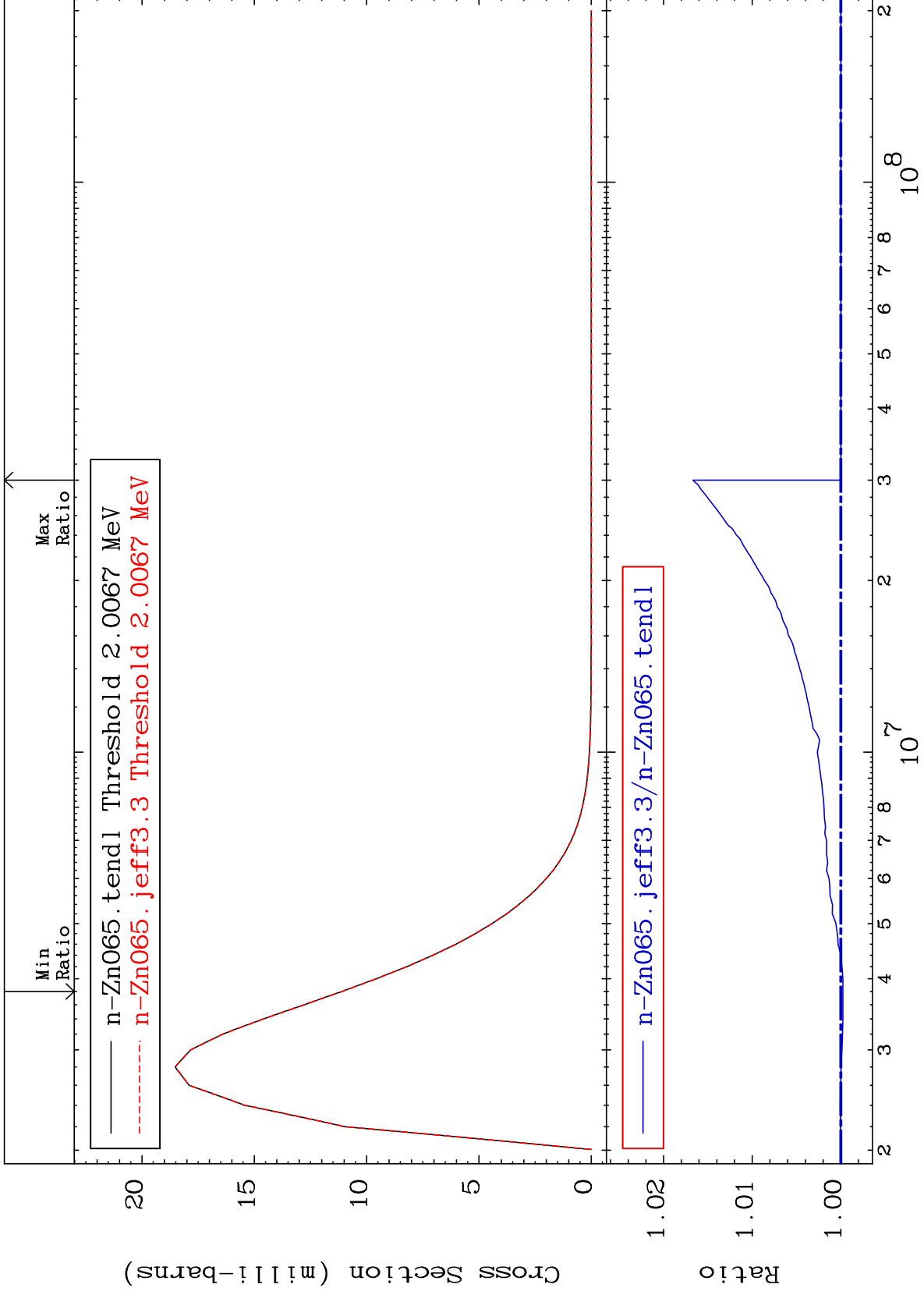
30-Zn-65  
0.000 To 0.184 %



MAT 3028

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

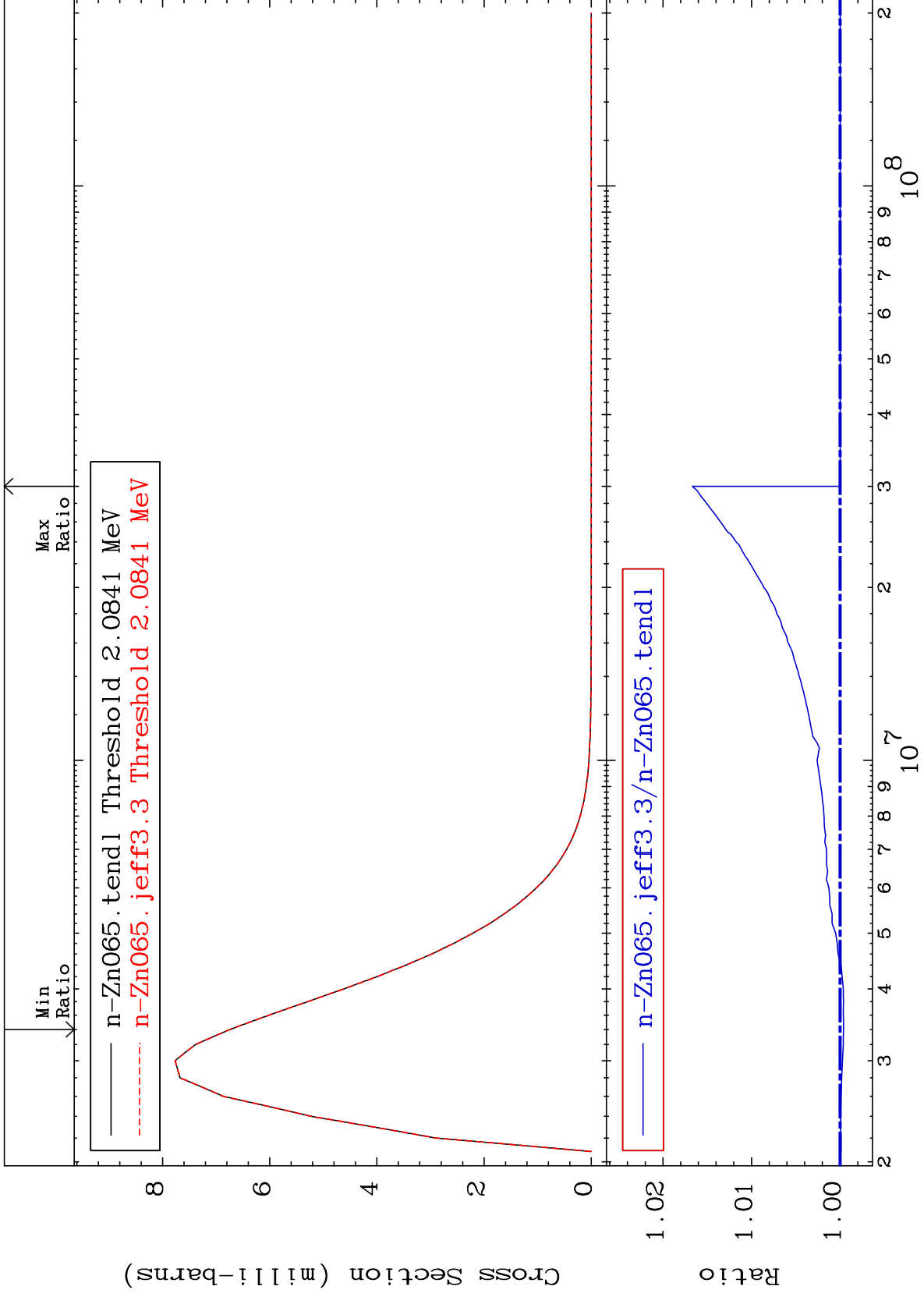
30-Zn-65  
-0.024 To 1.669 %



MAT 3028

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

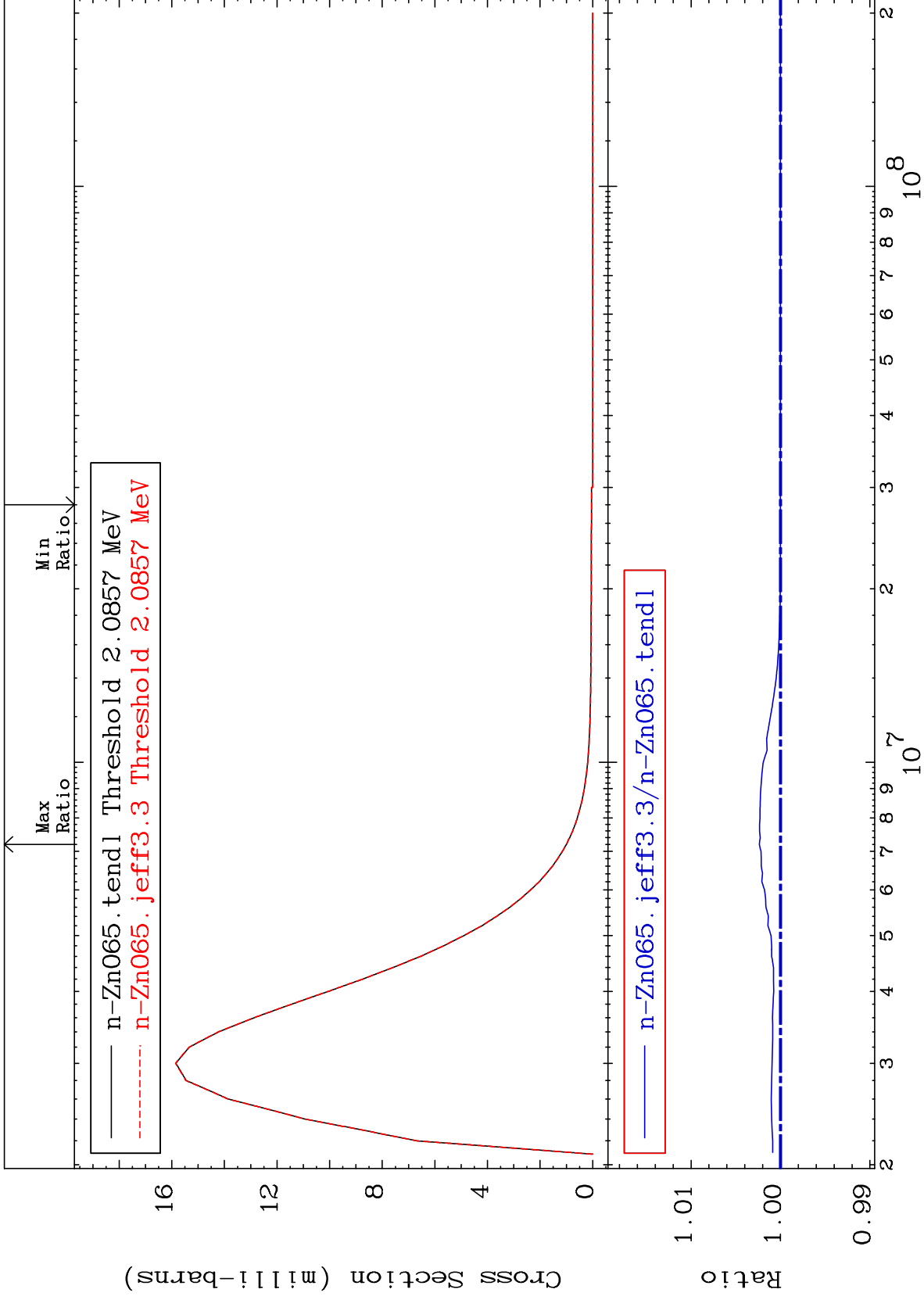
30-Zn-65  
-0.039 To 1.668 %



MAT 3028

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

30-Zn-65  
0.000 To 0.237 %

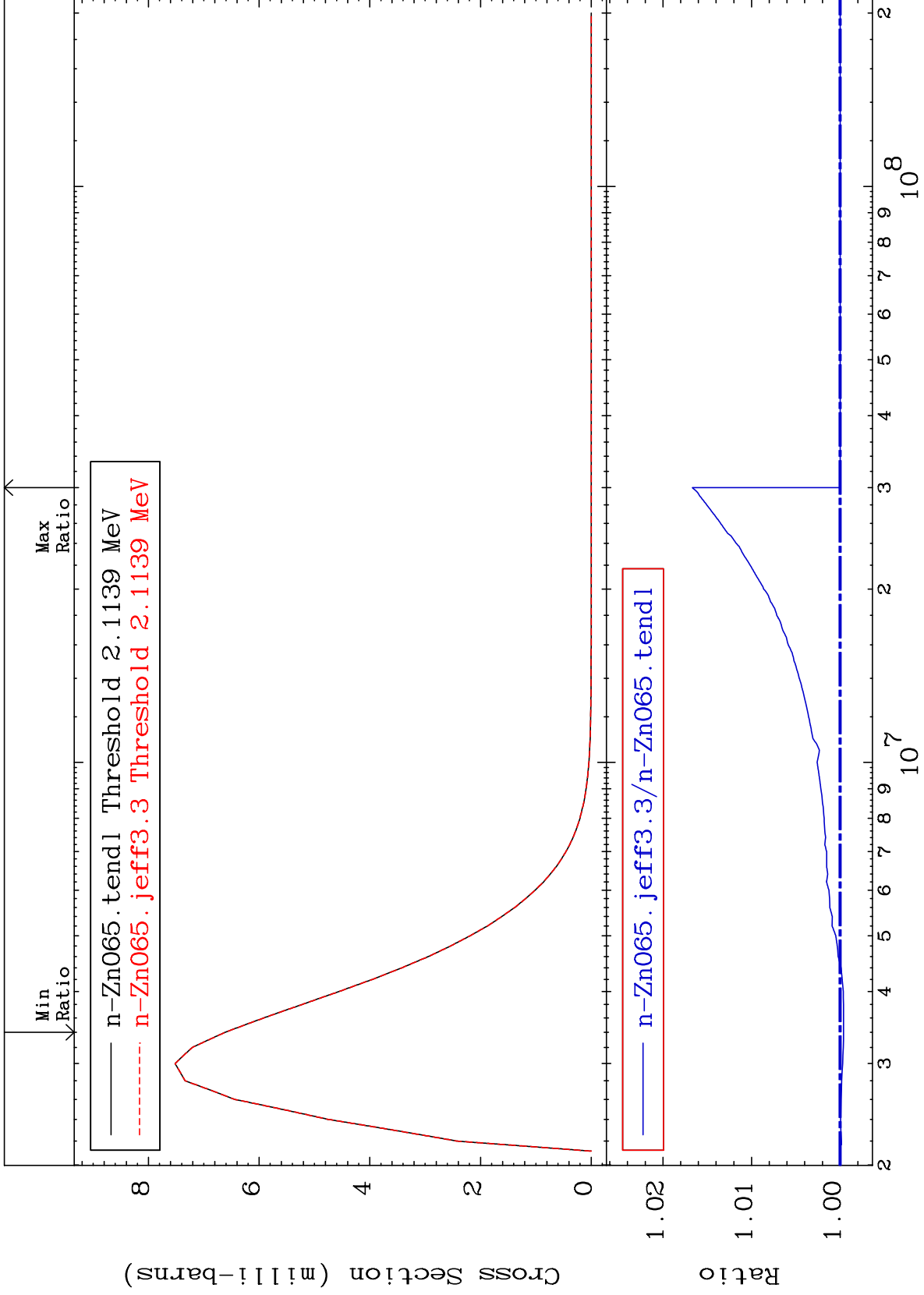




MAT 3028

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

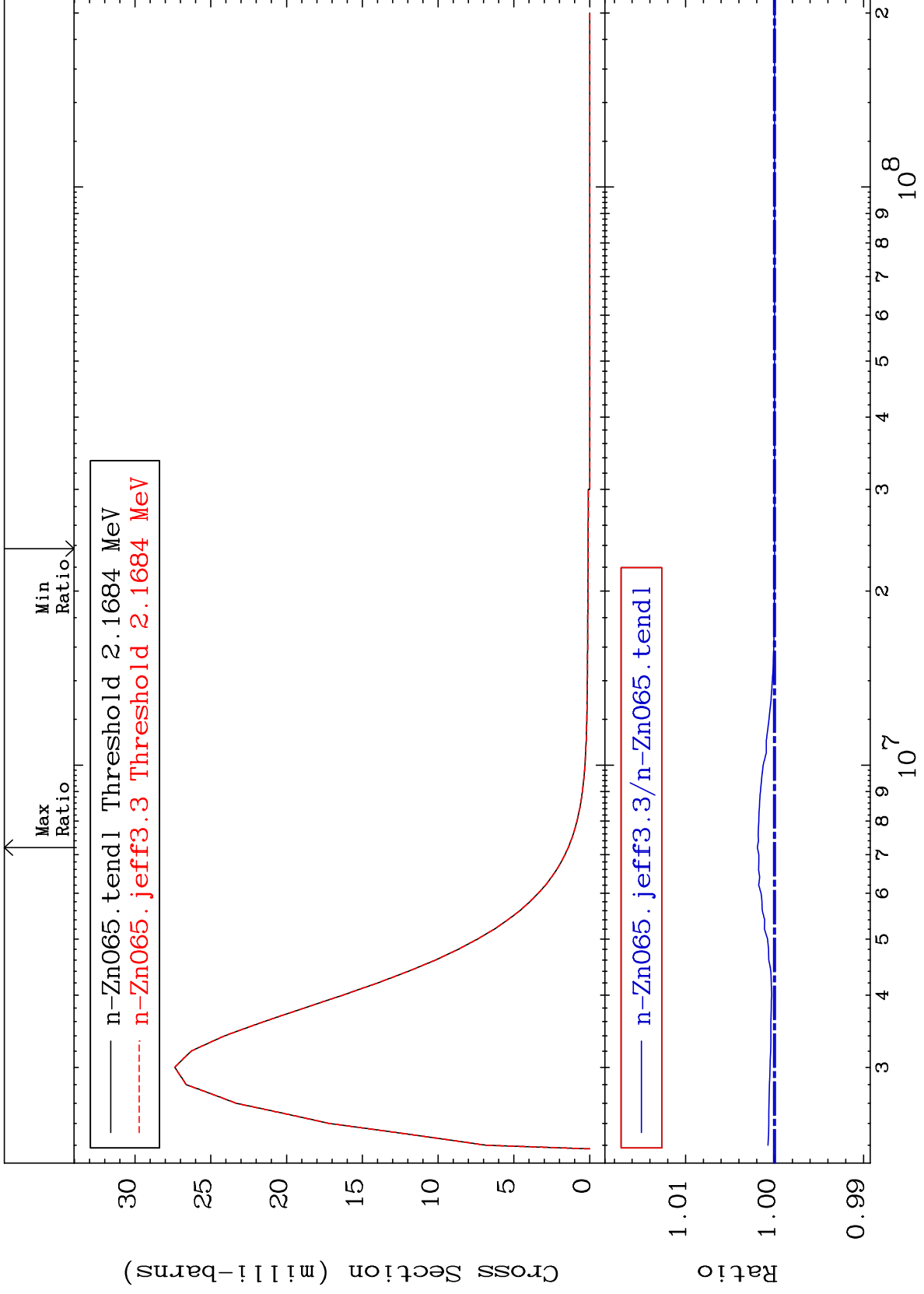
30-Zn-65  
-0.039 To 1.669 %

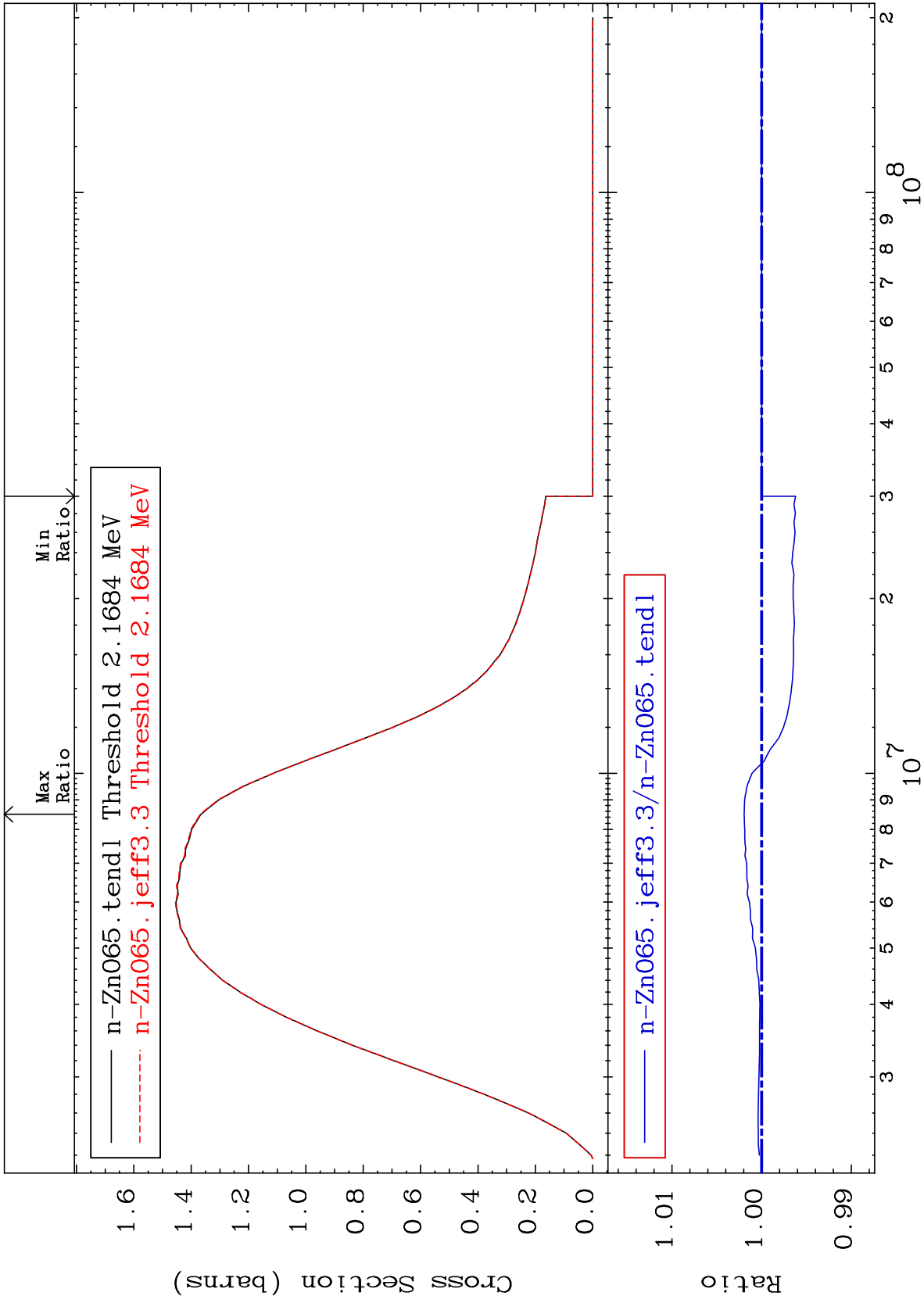


MAT 3028

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

30-Zn-65  
To 0.192 %

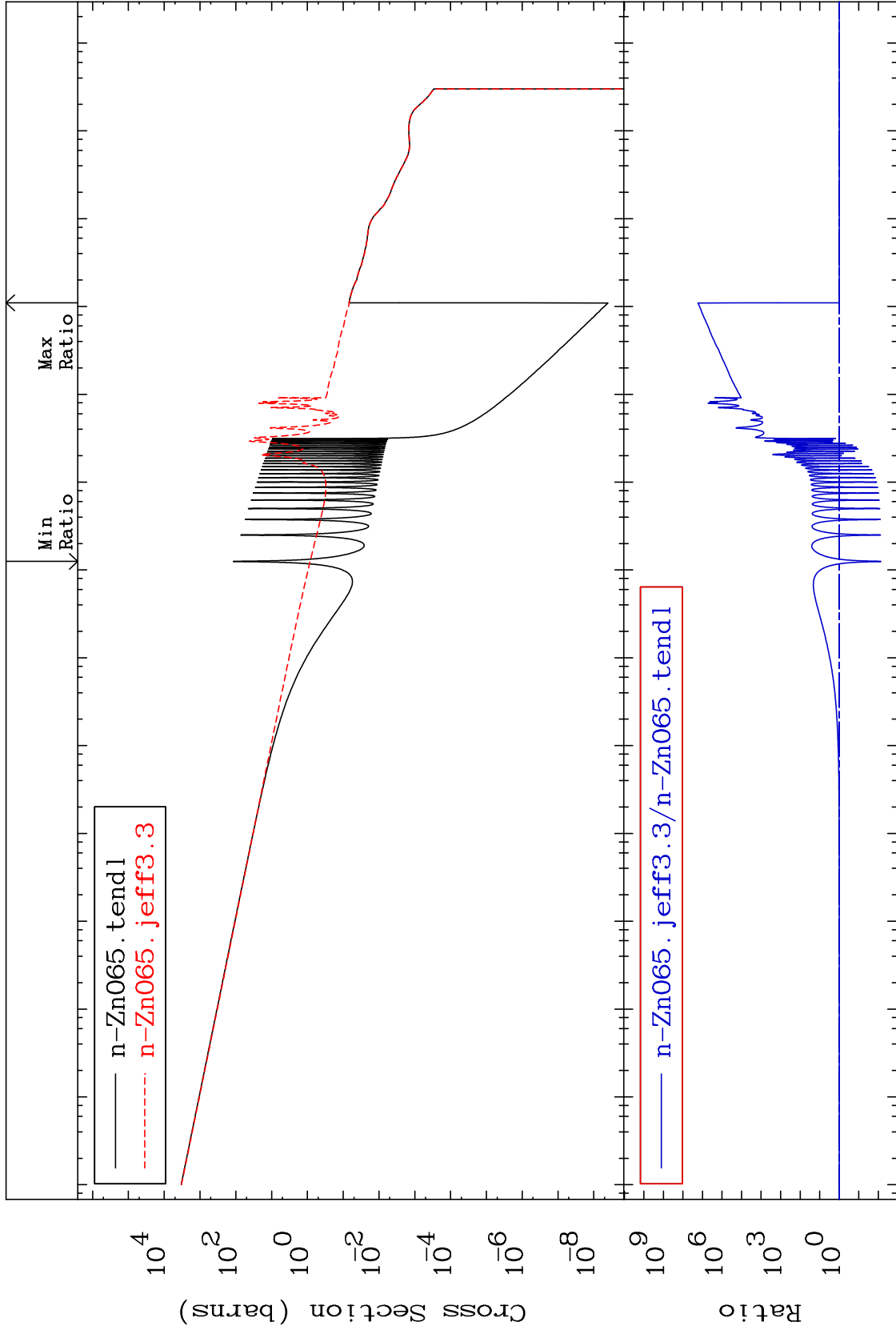




MAT 3028

(n,  $\gamma$ )  
Cross Section

30-Zn-65  
-99.29 To 9999. %



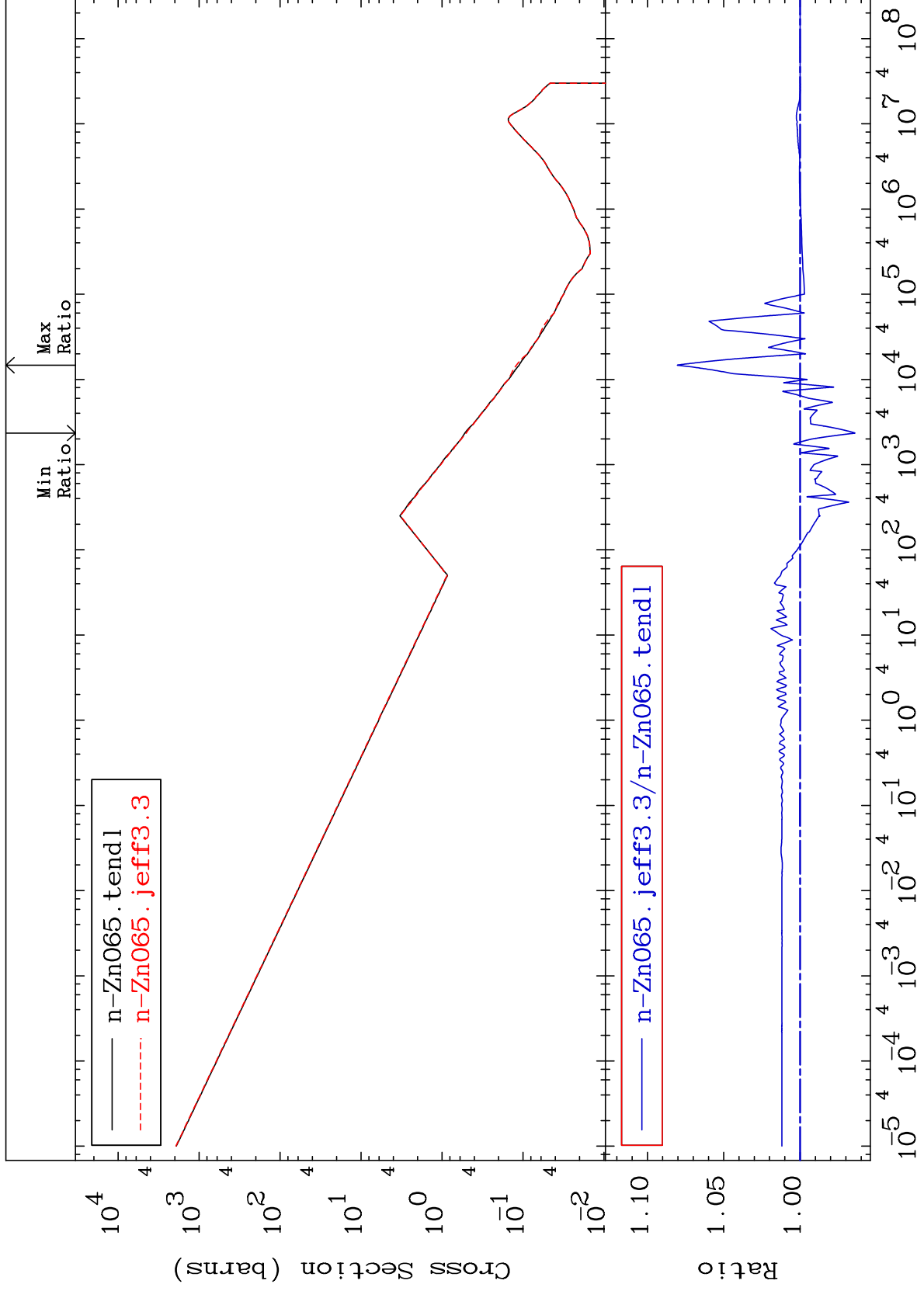
MAT 3028

(n,p)

30-Zn-65

Cross Section

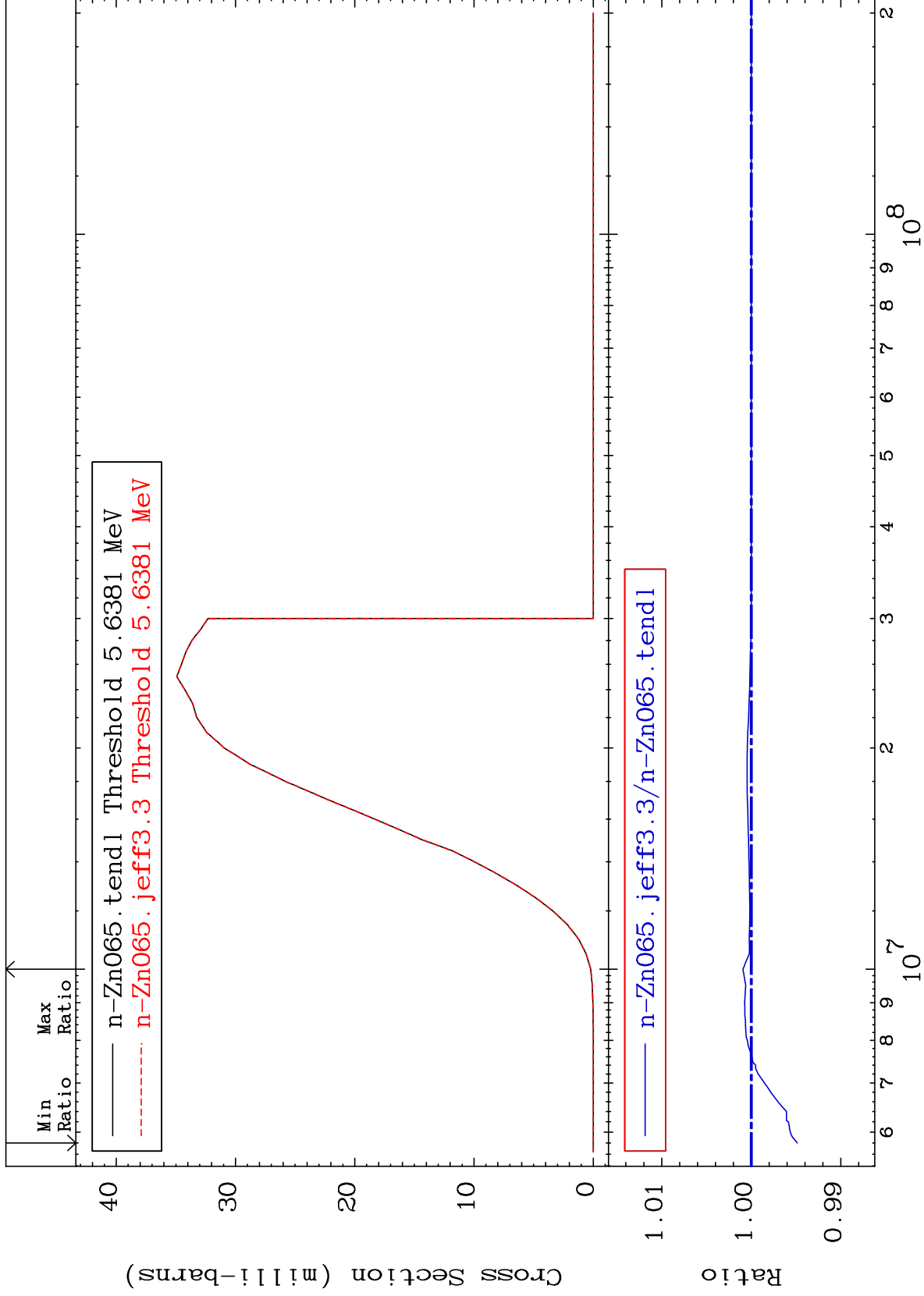
-3.609 To 8.038 %



MAT 3028

(n, d)  
Cross Section

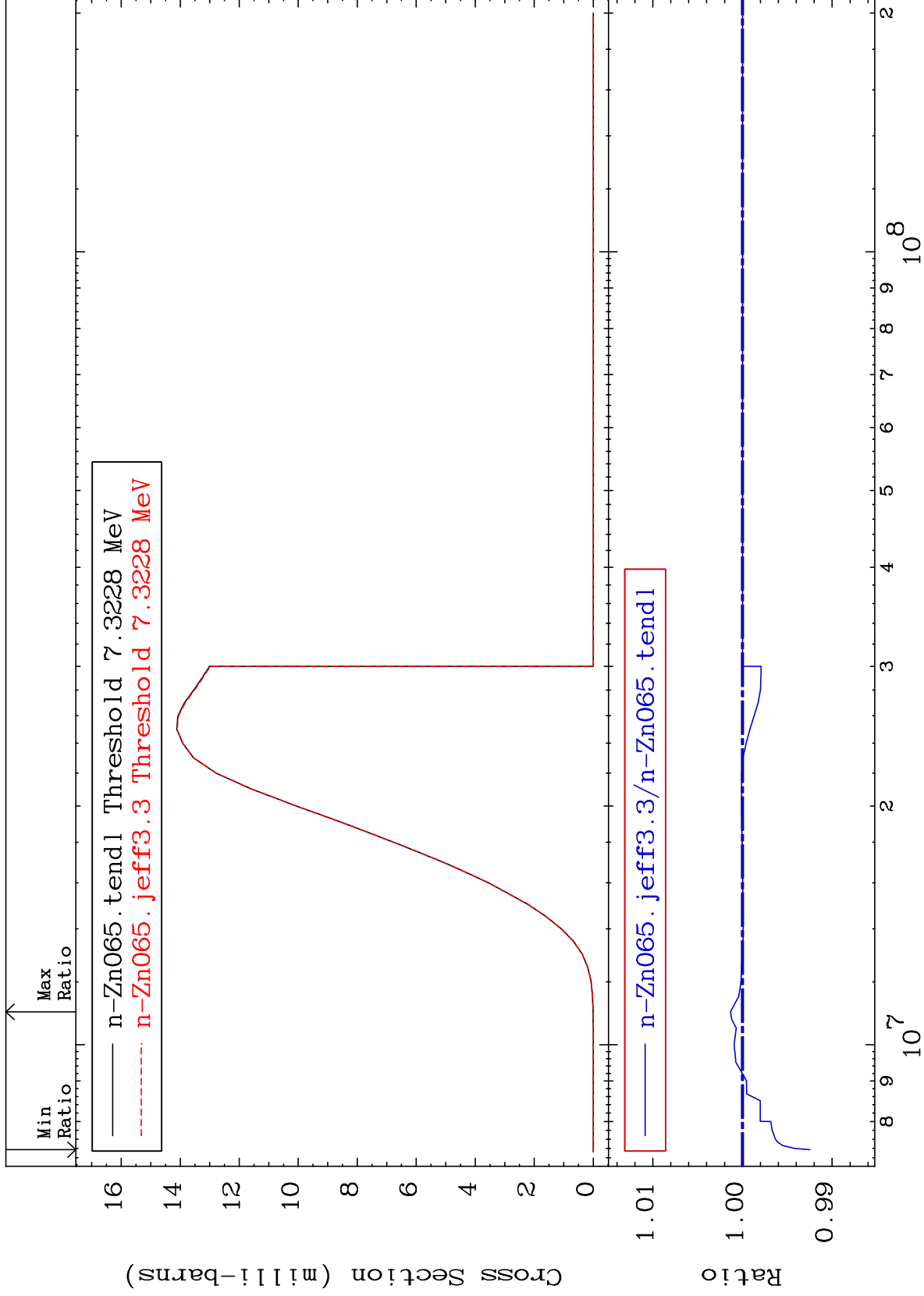
30-Zn-65  
-0.515 To 0.093 %



MAT 3028

(n, t)  
Cross Section

30-Zn-65  
-0.752 To 0.135 %



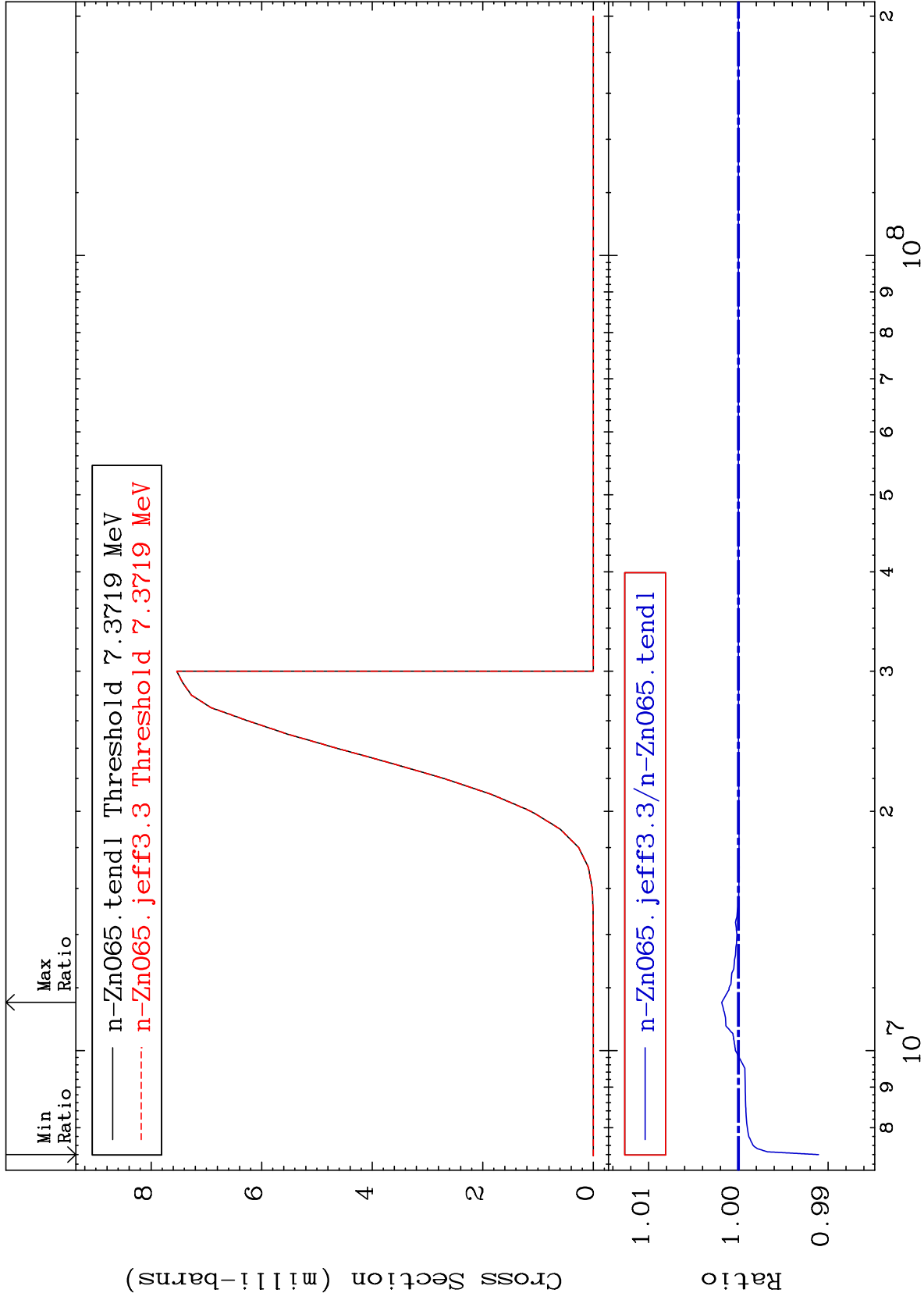
MAT 3028

(n, He-3)

30-Zn-65

Cross Section

-0.894 To 0.186 %



56

Incident Energy (eV)

30-Zn-65



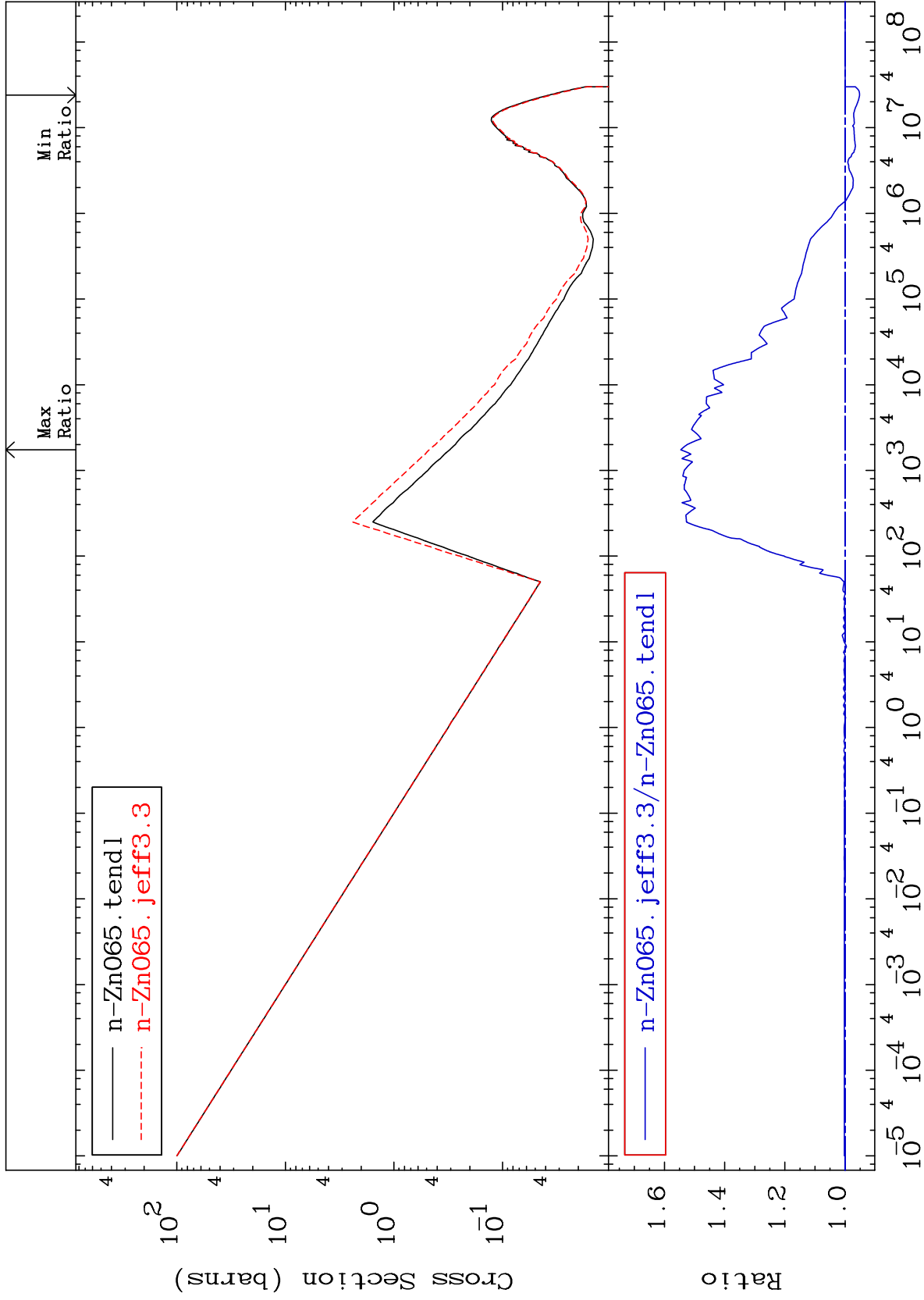
MAT 3028

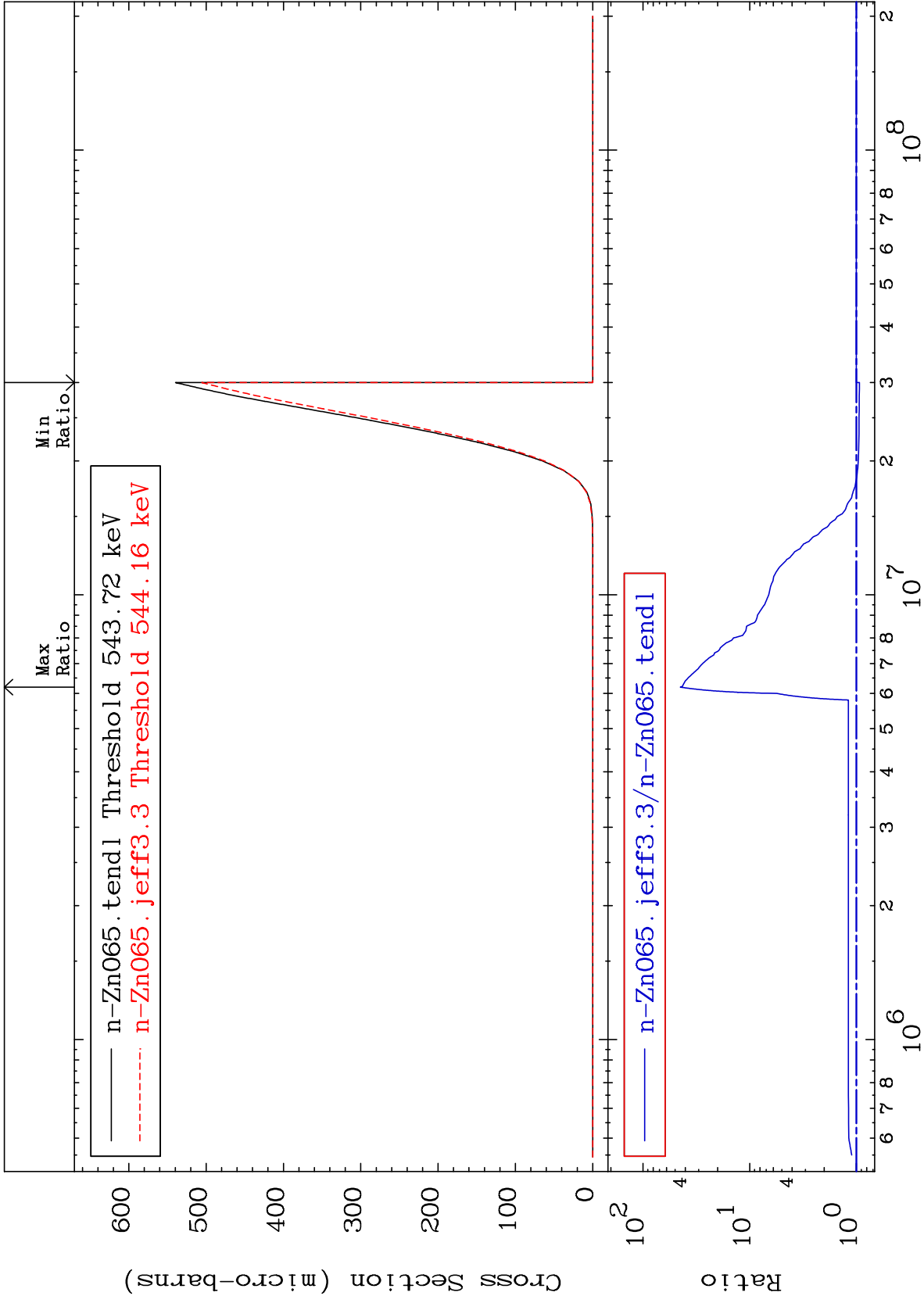
(n,  $\alpha$ )

30-Zn-65

Cross Section

-4.804 To 54.58 %





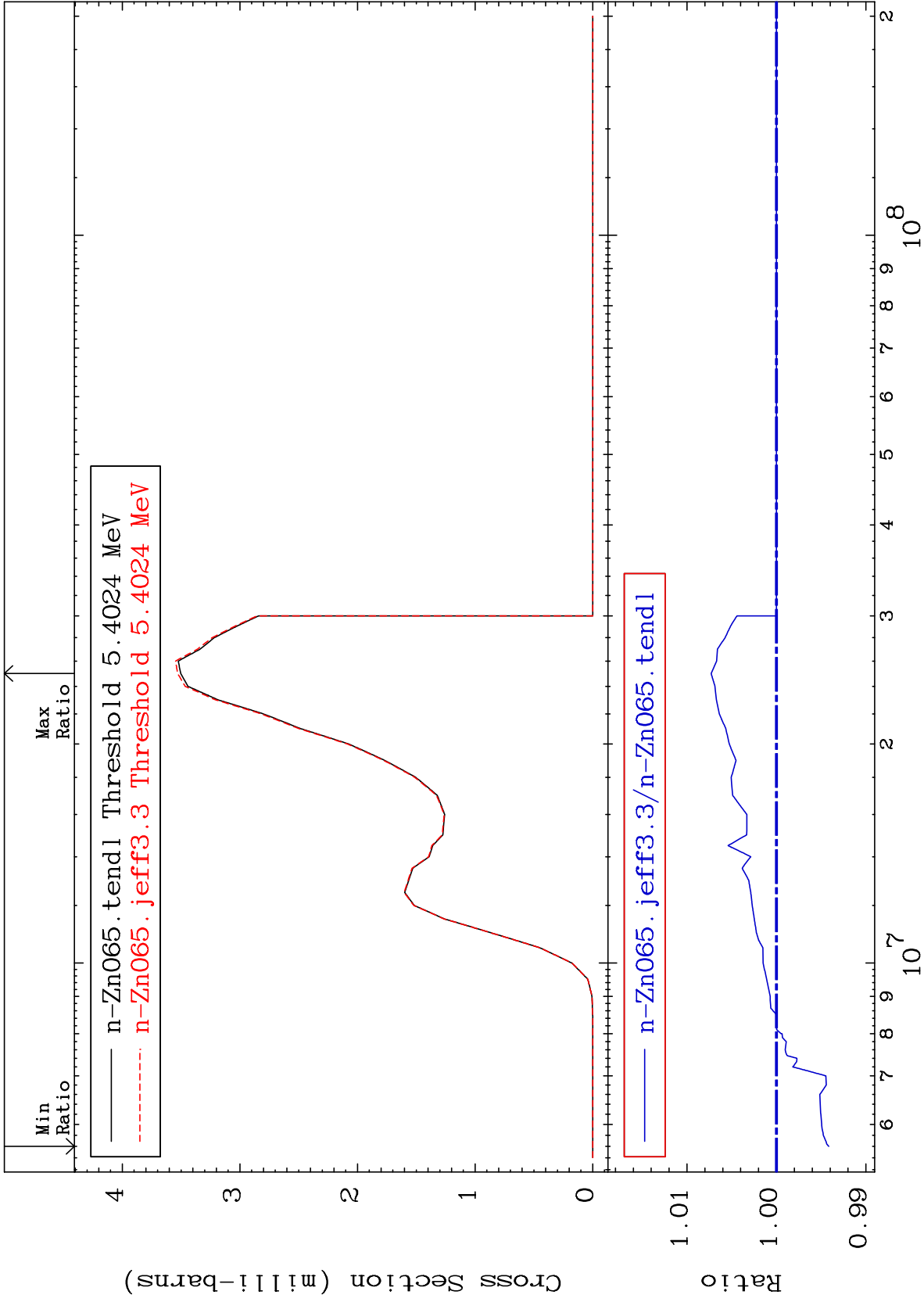
MAT 3028

(n,2p)

30-Zn-65

Cross Section

-0.584 To 0.730 %



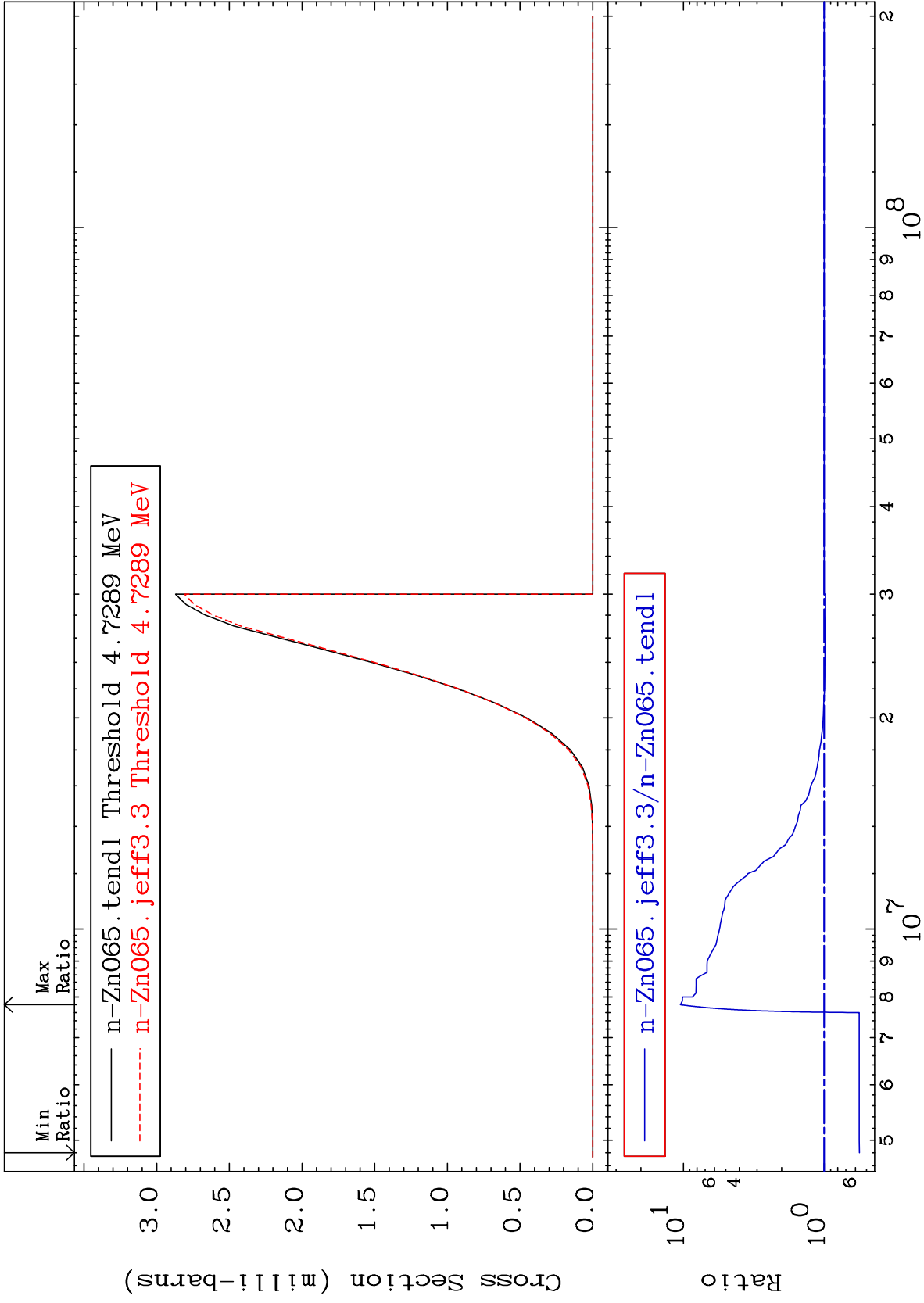
MAT 3028

(n, p)  $\alpha$

30-Zn-65

Cross Section

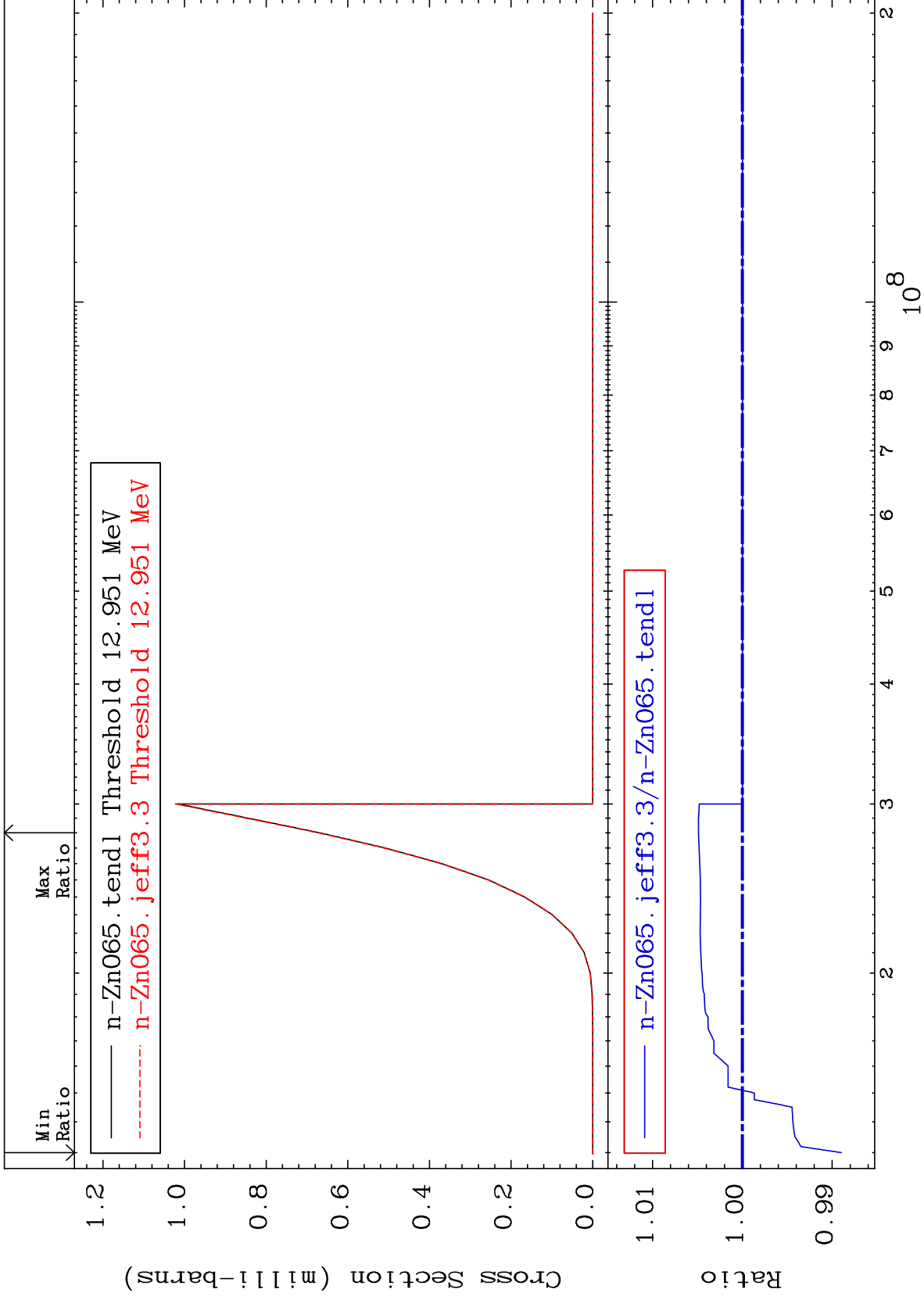
-43.86 To 950.0 %



60

Incident Energy (eV)

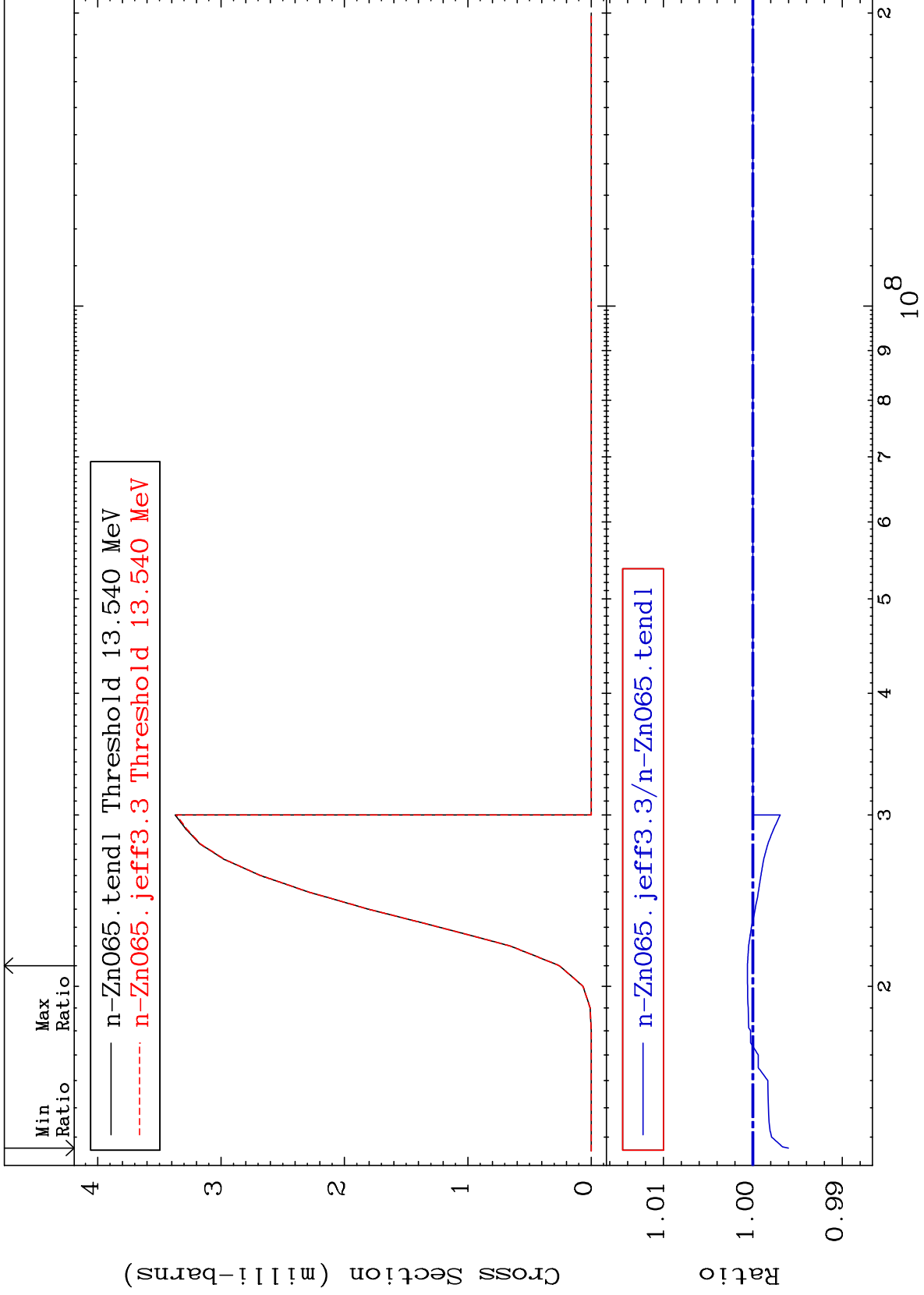
30-Zn-65



MAT 3028

(n,p) t  
Cross Section

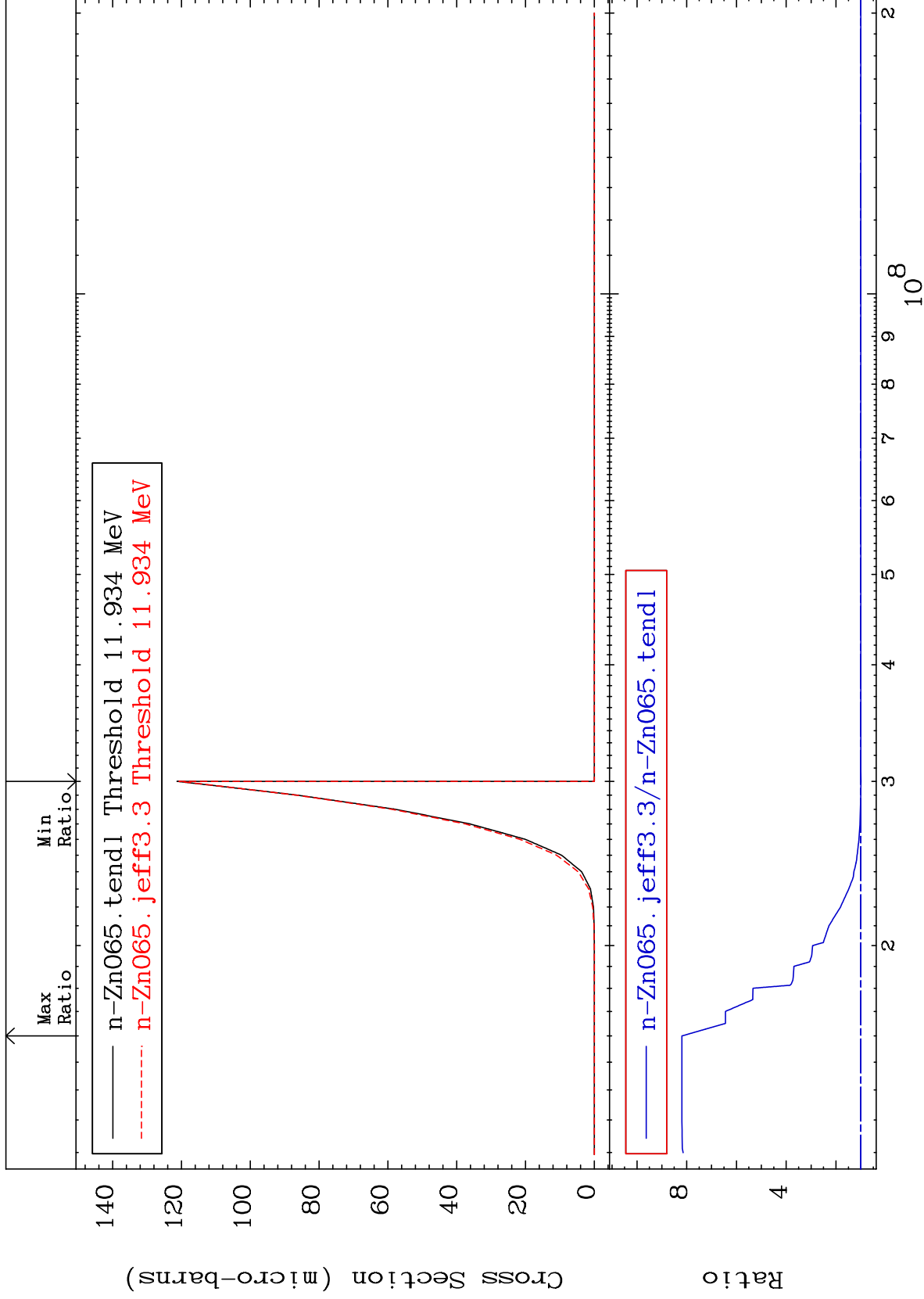
30-Zn-65  
-0.398 To 0.061 %

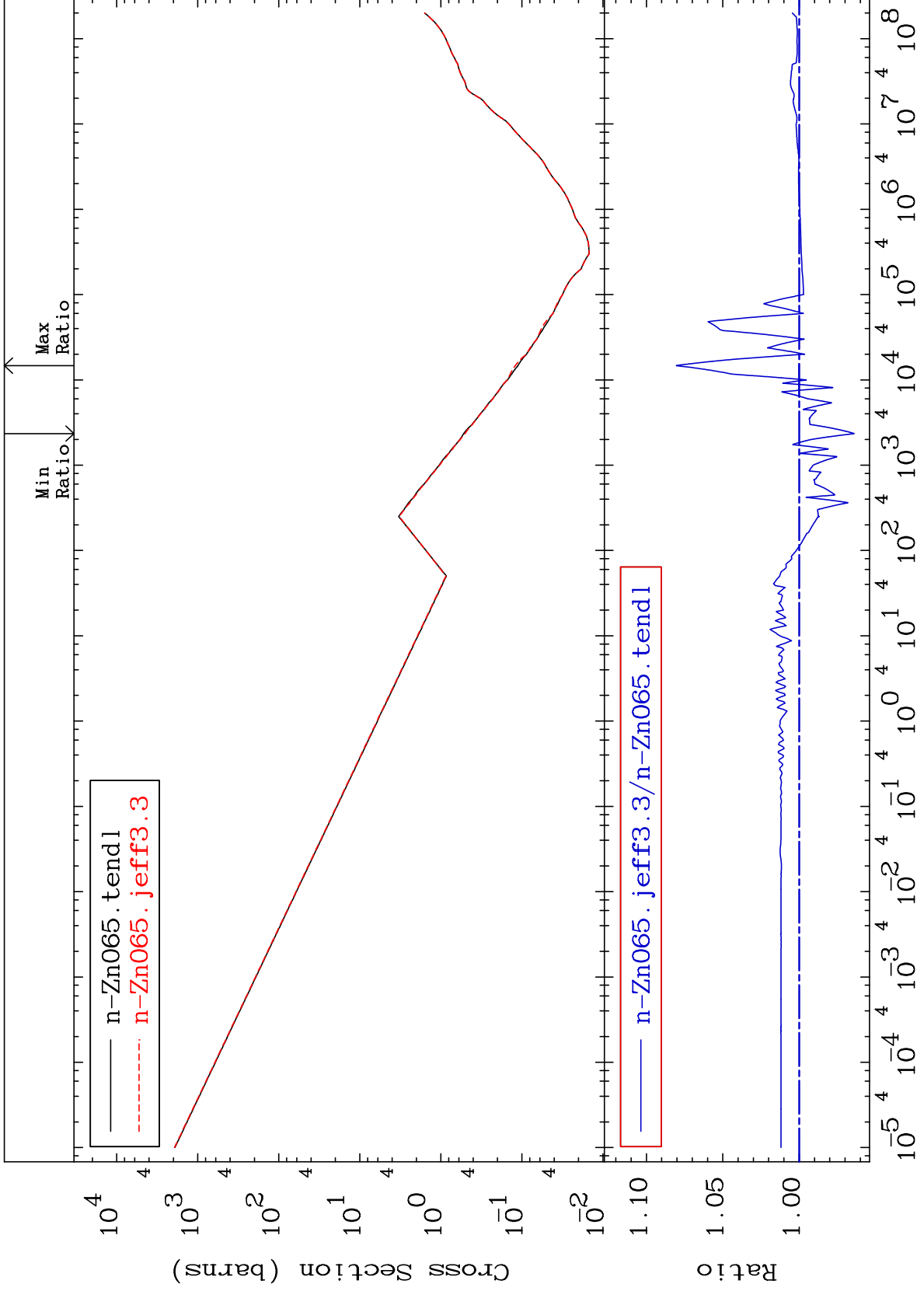


MAT 3028

(n, d)  $\alpha$   
Cross Section

30-Zn-65  
-0.515 To 719.2 %



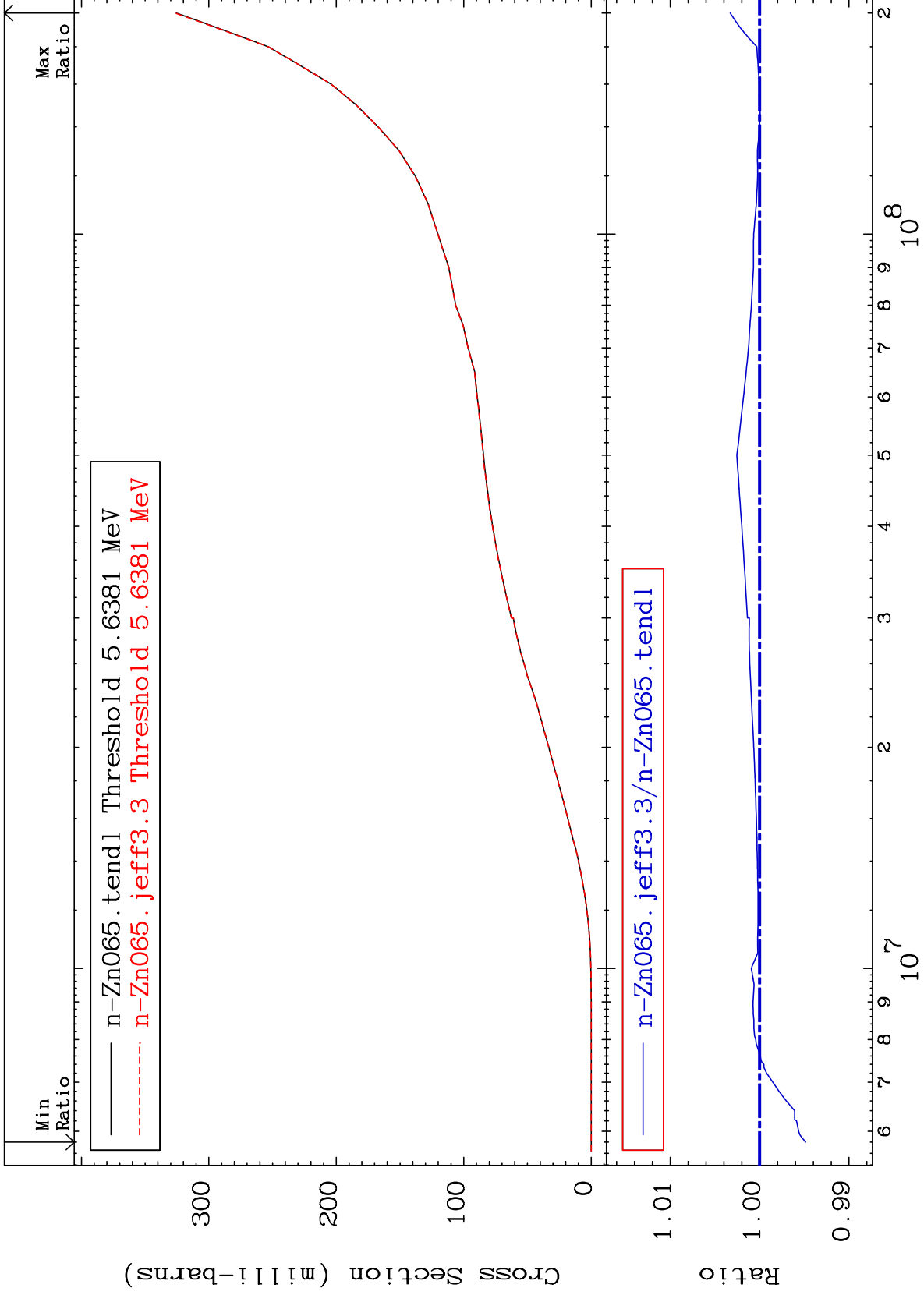




MAT 3028

Deuterium Production  
Cross Section

30-Zn-65  
-0.515 To 0.329 %



65

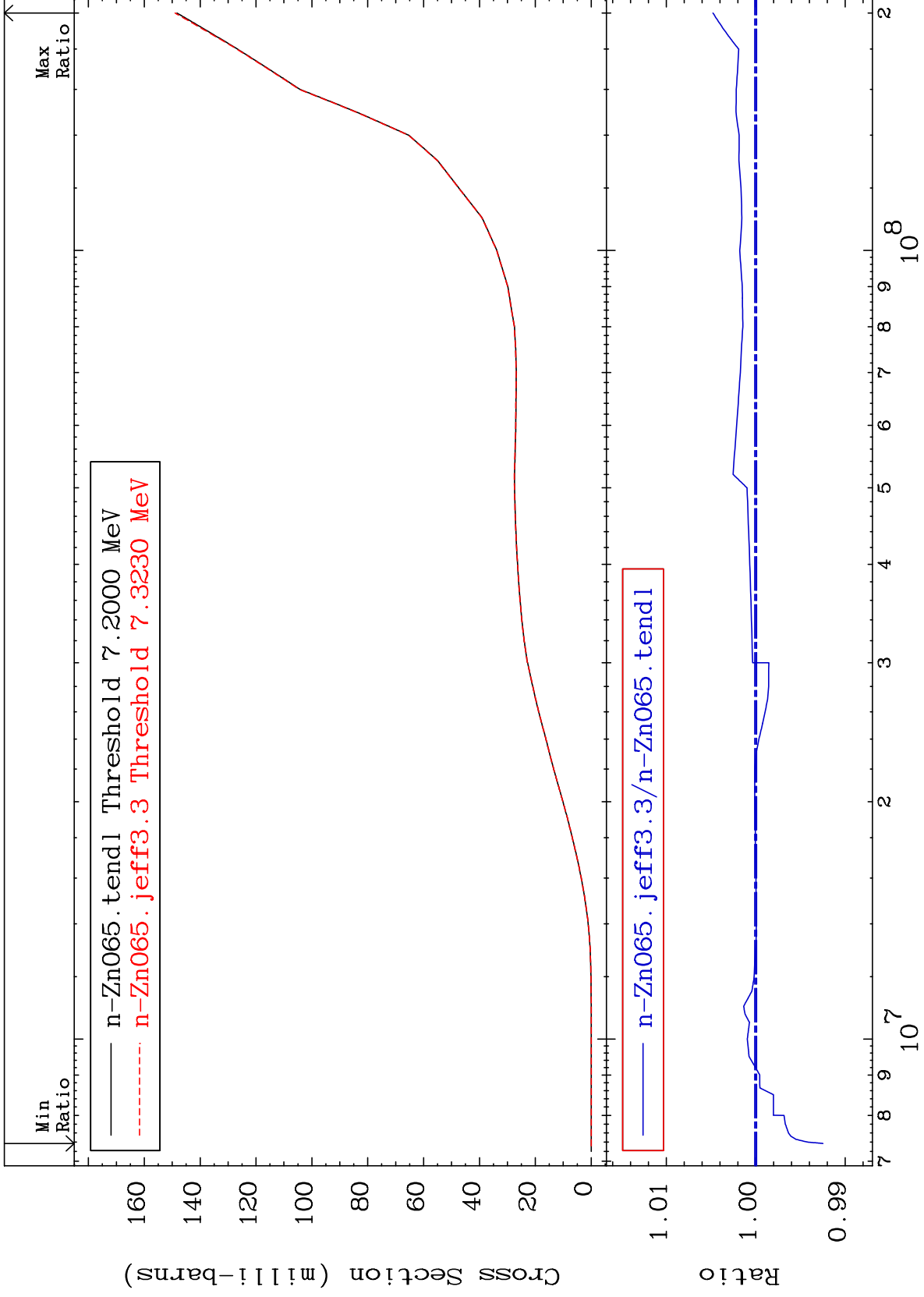
Incident Energy (eV)

30-Zn-65

MAT 3028

Tritium Production  
Cross Section

30-Zn-65  
-0.752 To 0.477 %



66

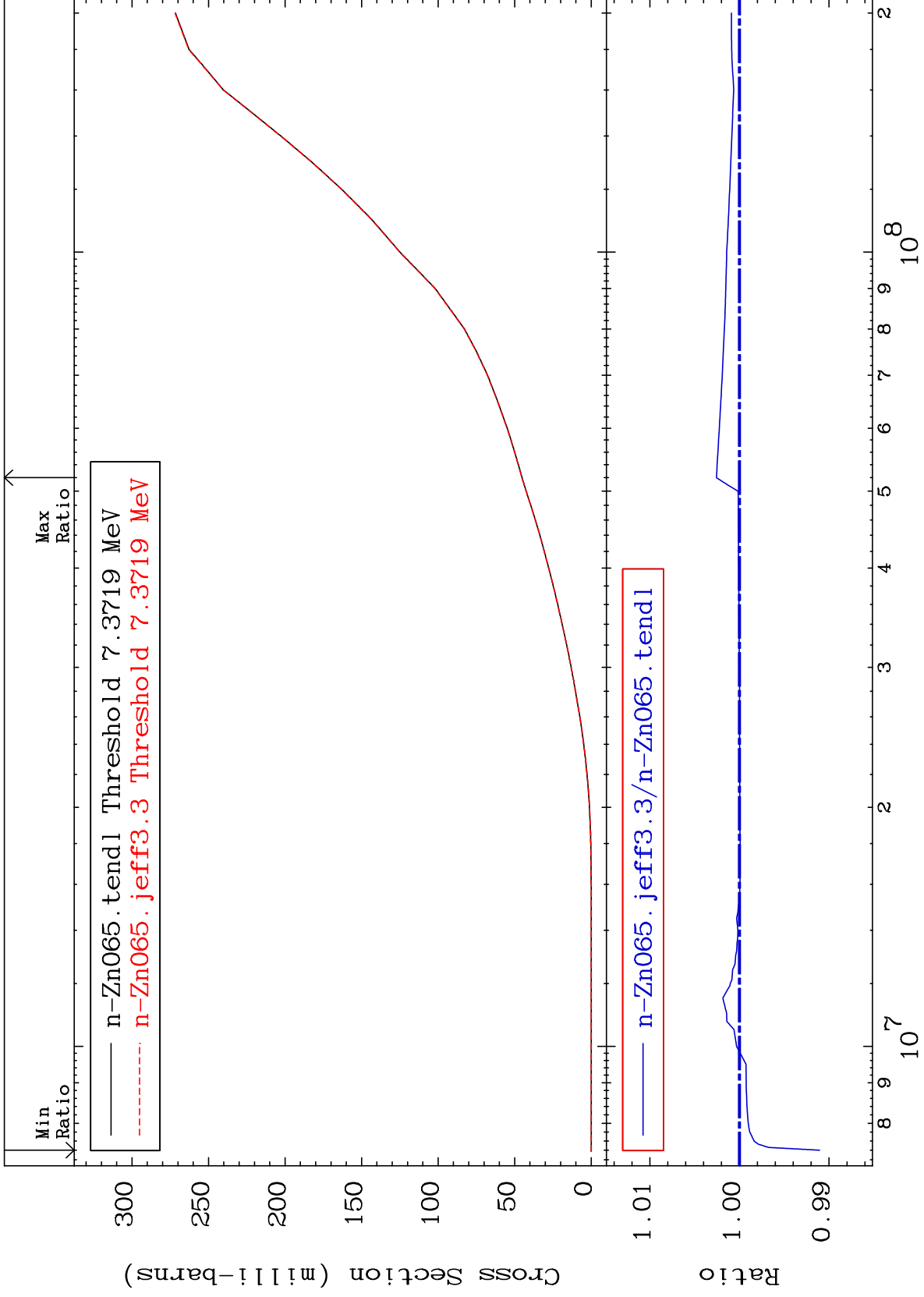
Incident Energy (eV)

30-Zn-65

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He-3 Production  
Cross Section

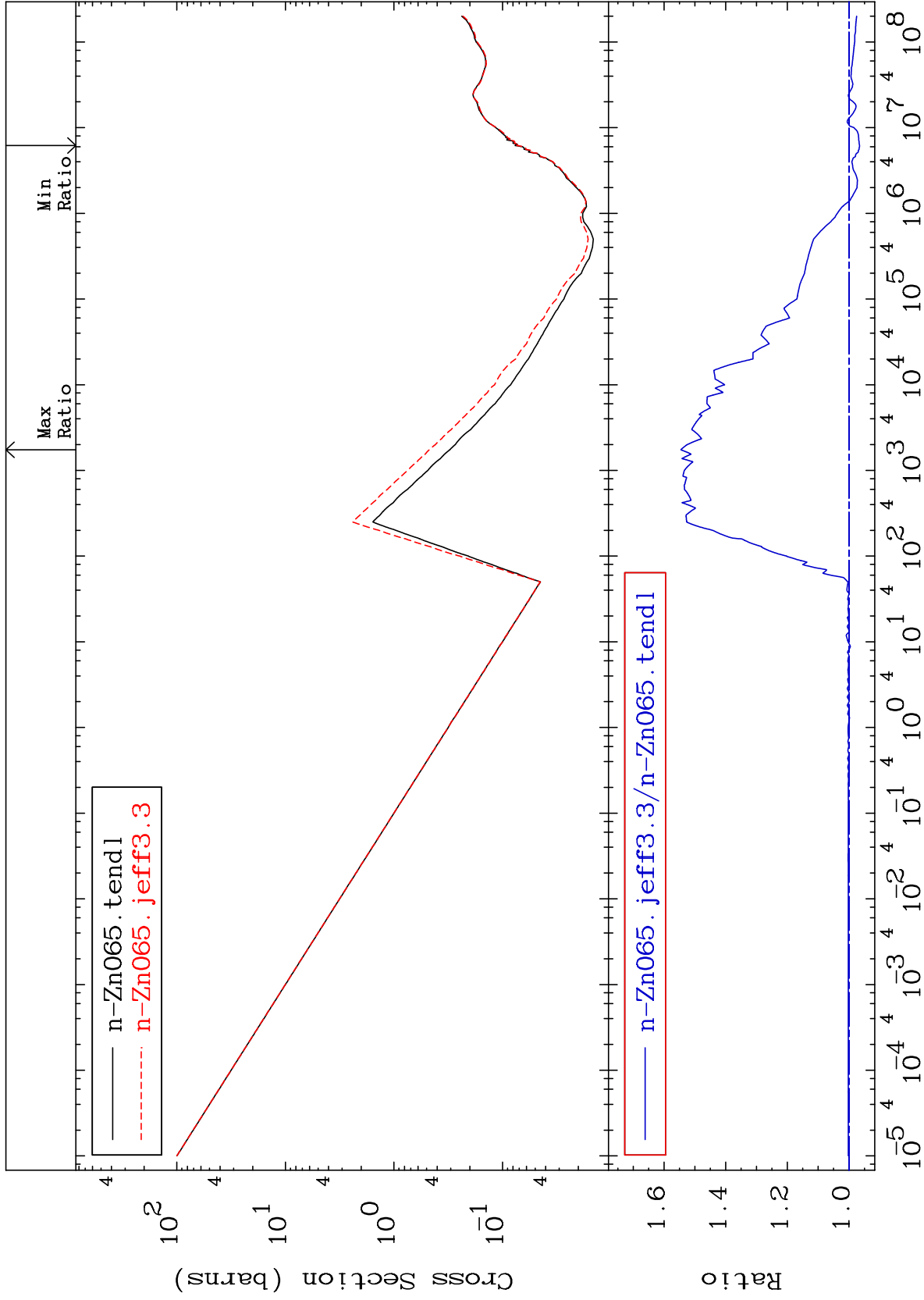
30-Zn-65  
-0.894 To 0.258 %

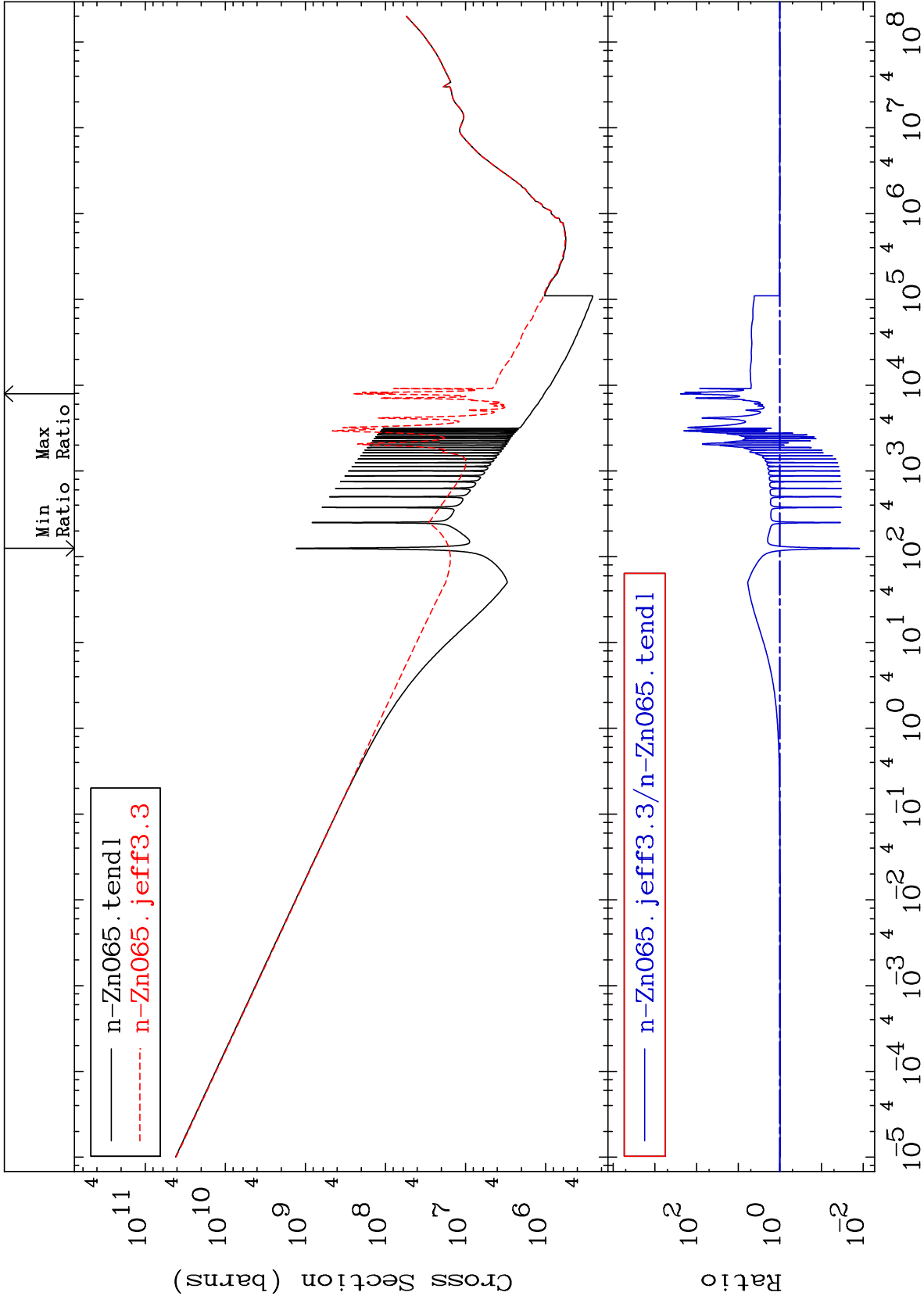


67

Incident Energy (eV)

30-Zn-65

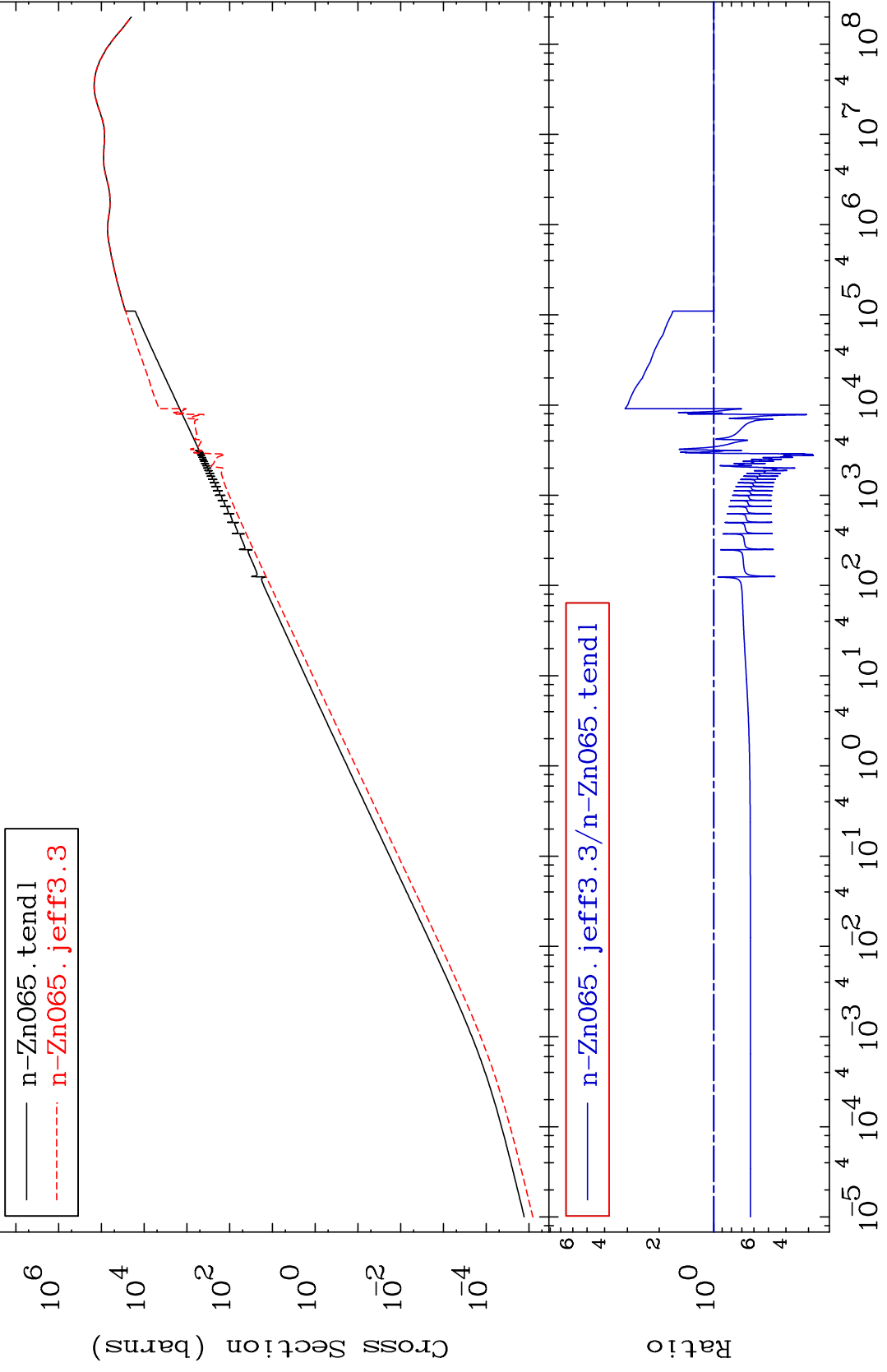




MAT 3028

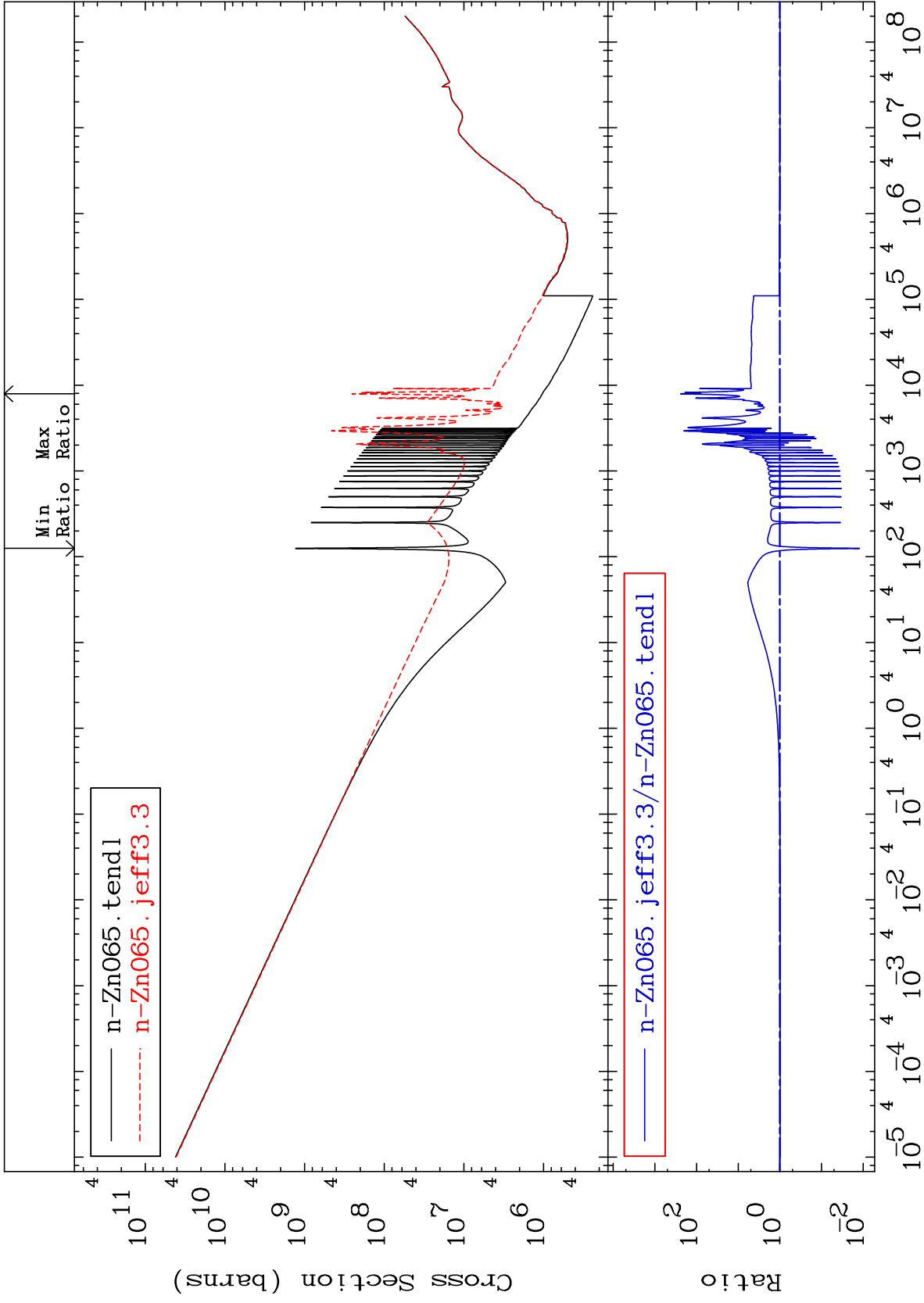
Kerma elastic  
Cross Section

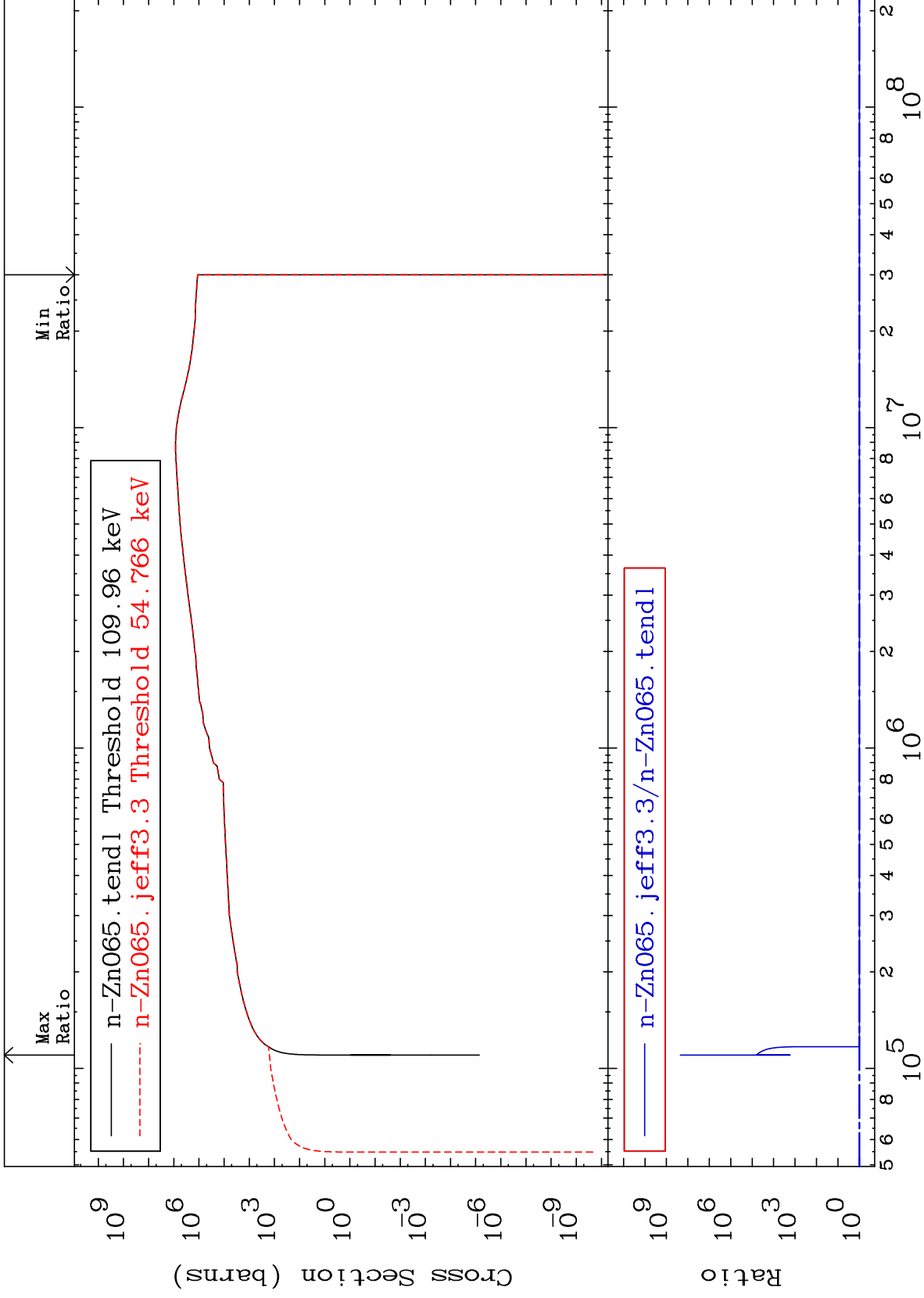
30-Zn-65  
-71.78 To 208.9 %



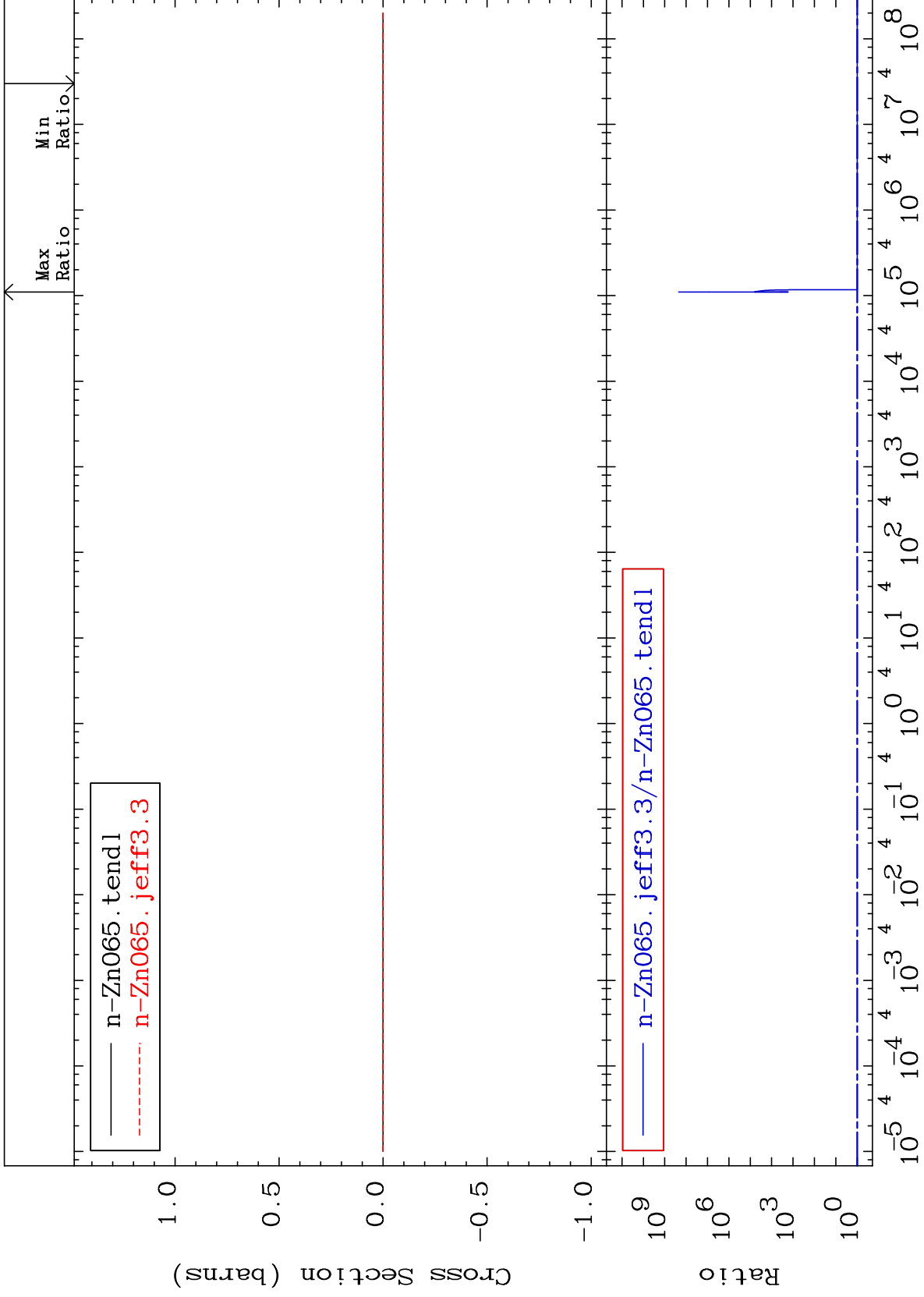
70

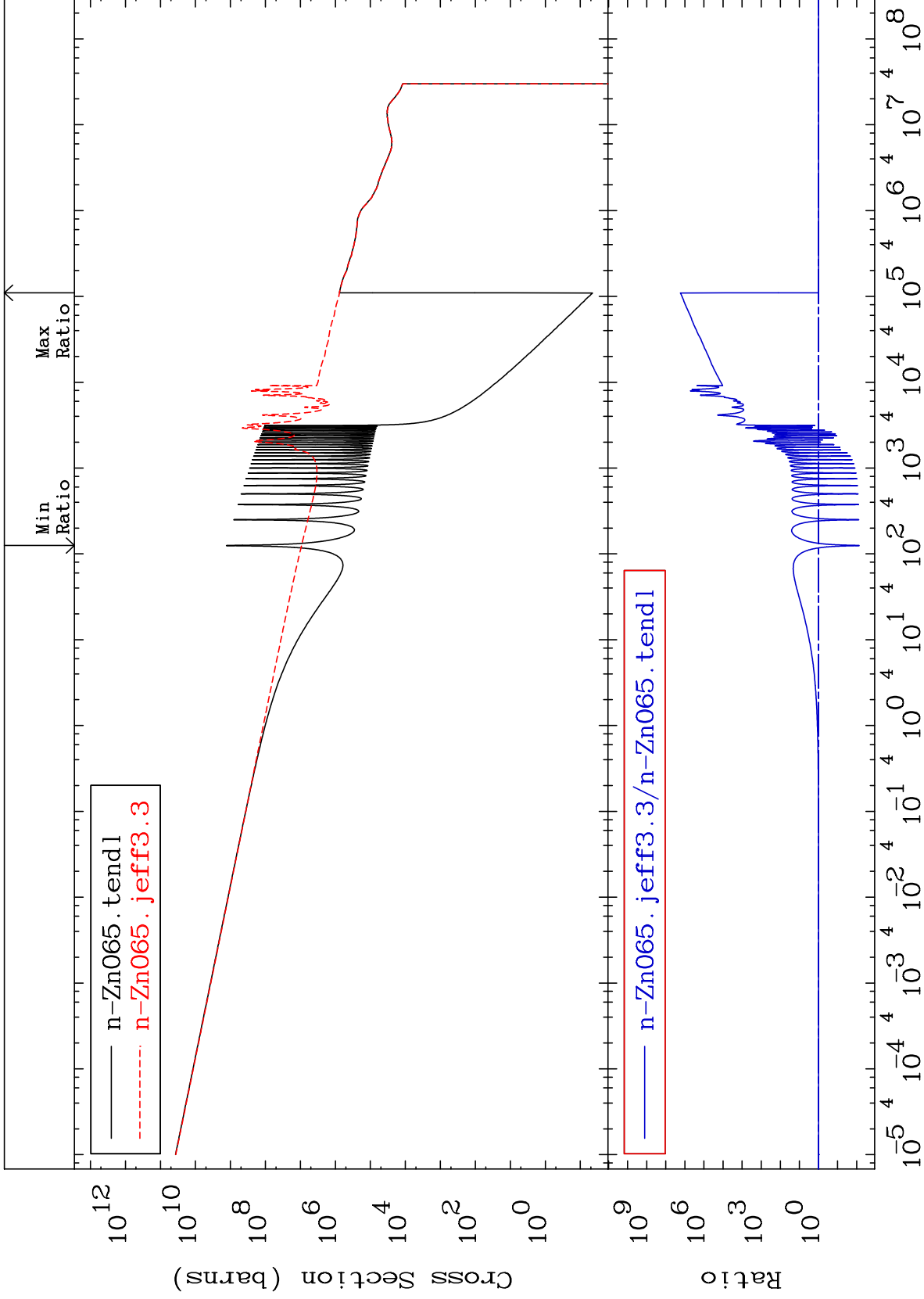
30-Zn-65

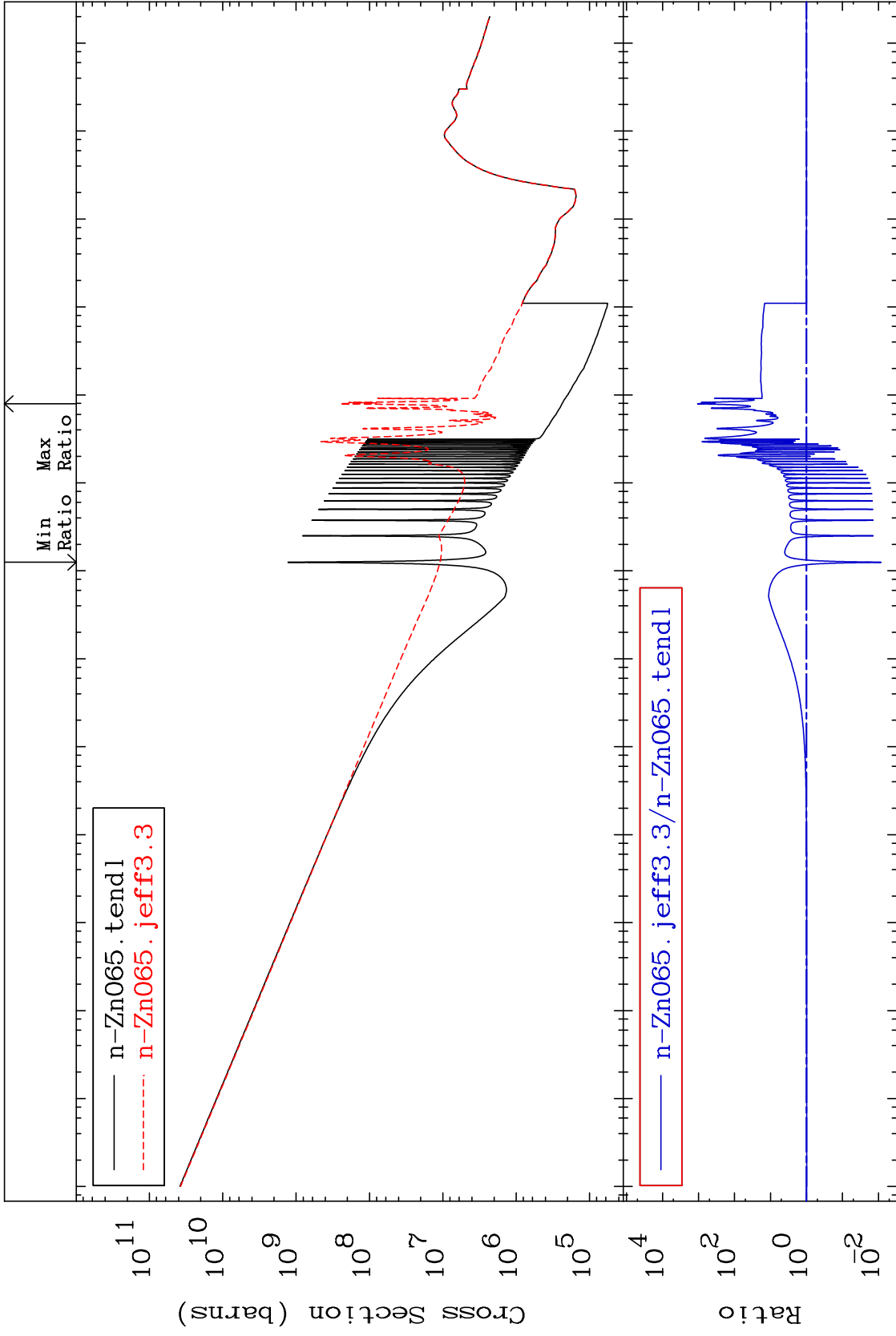






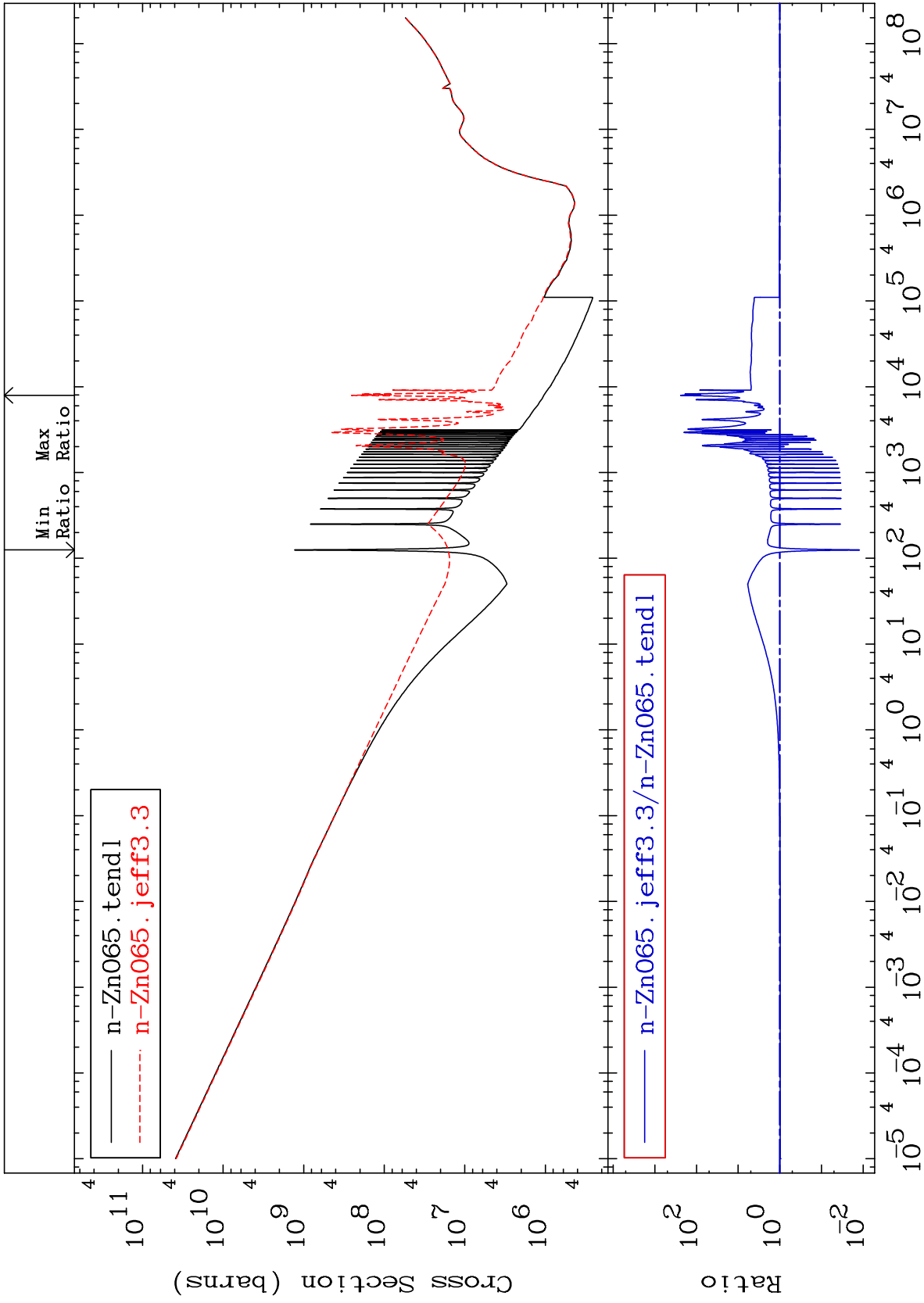


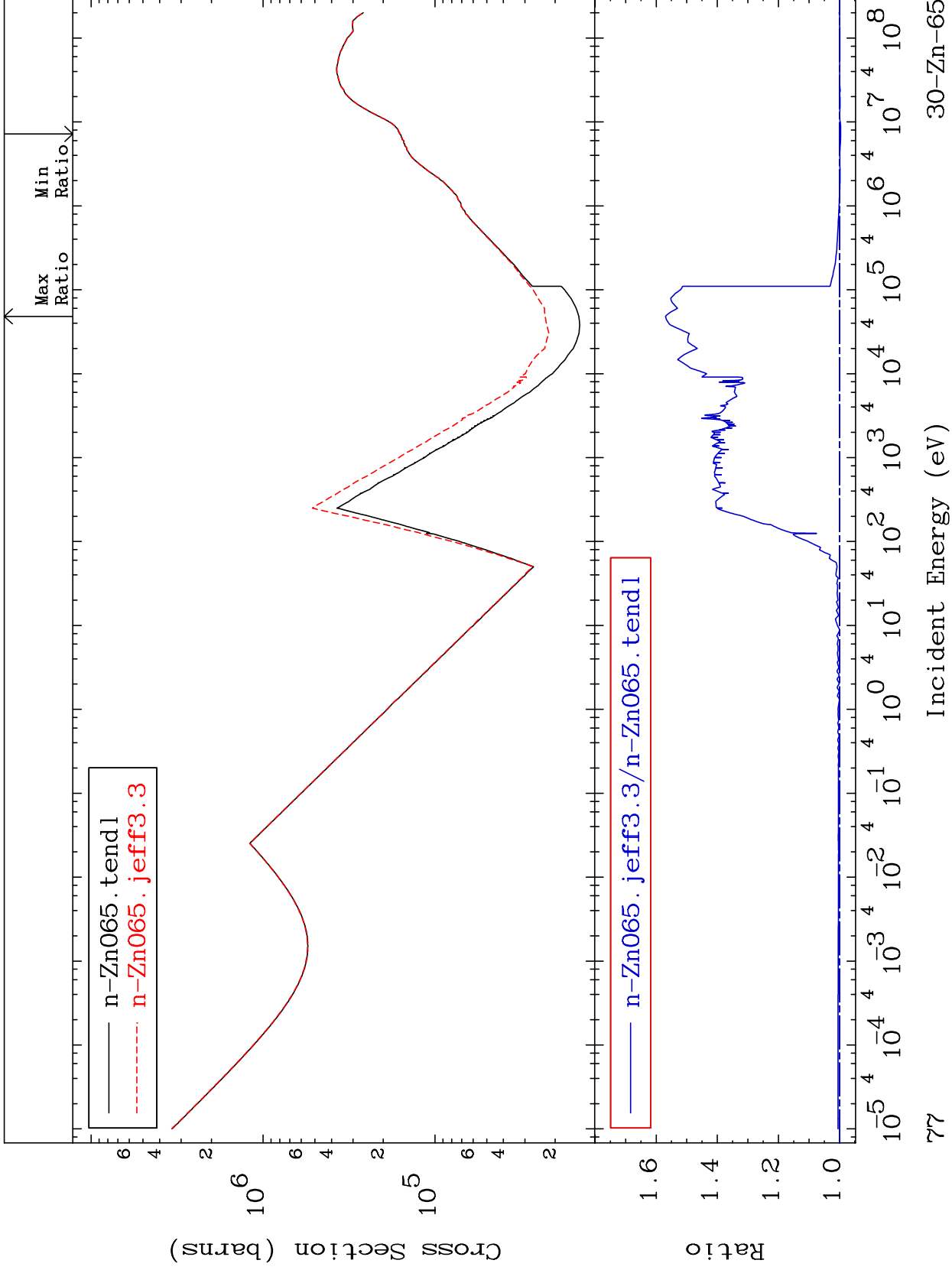


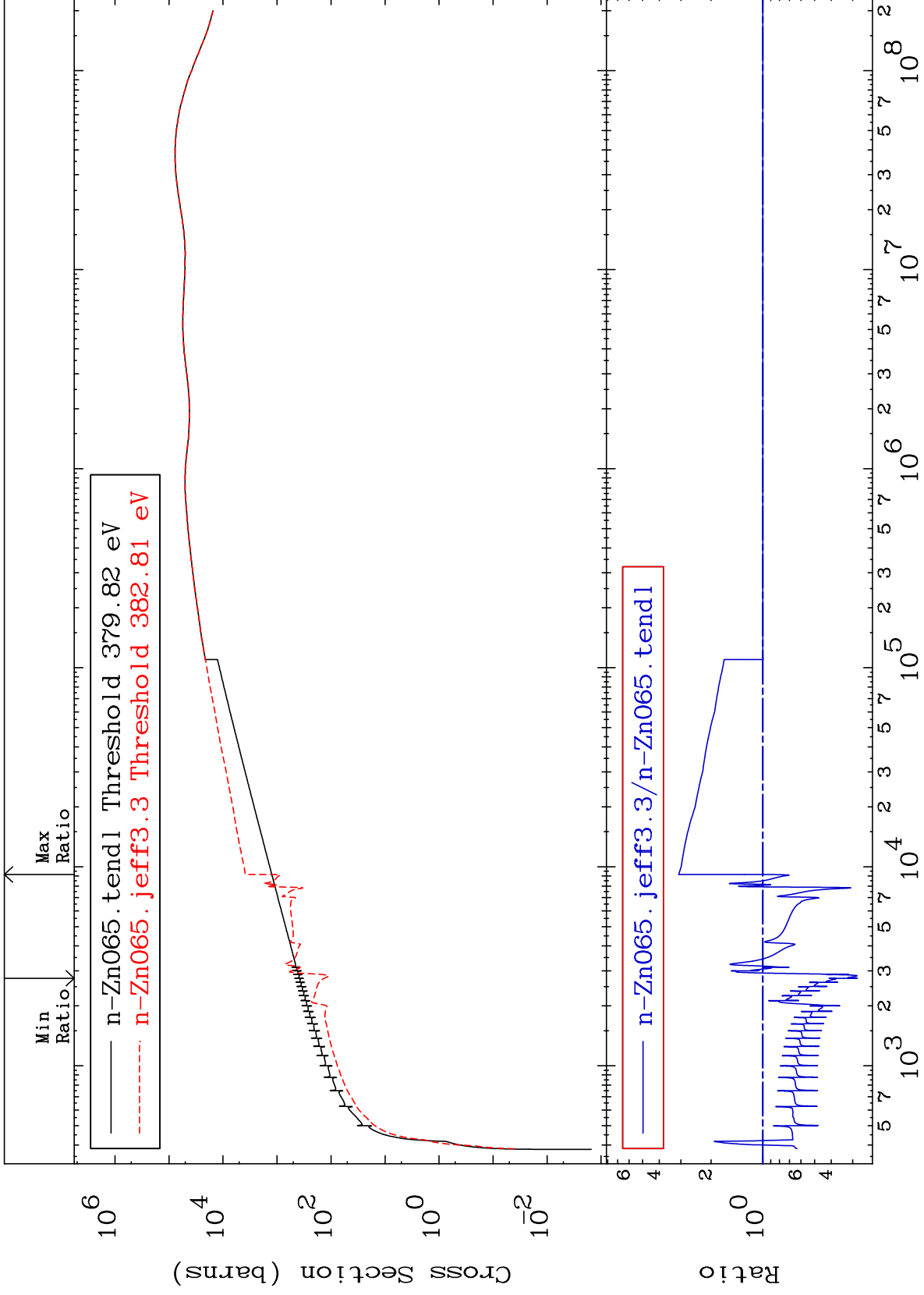


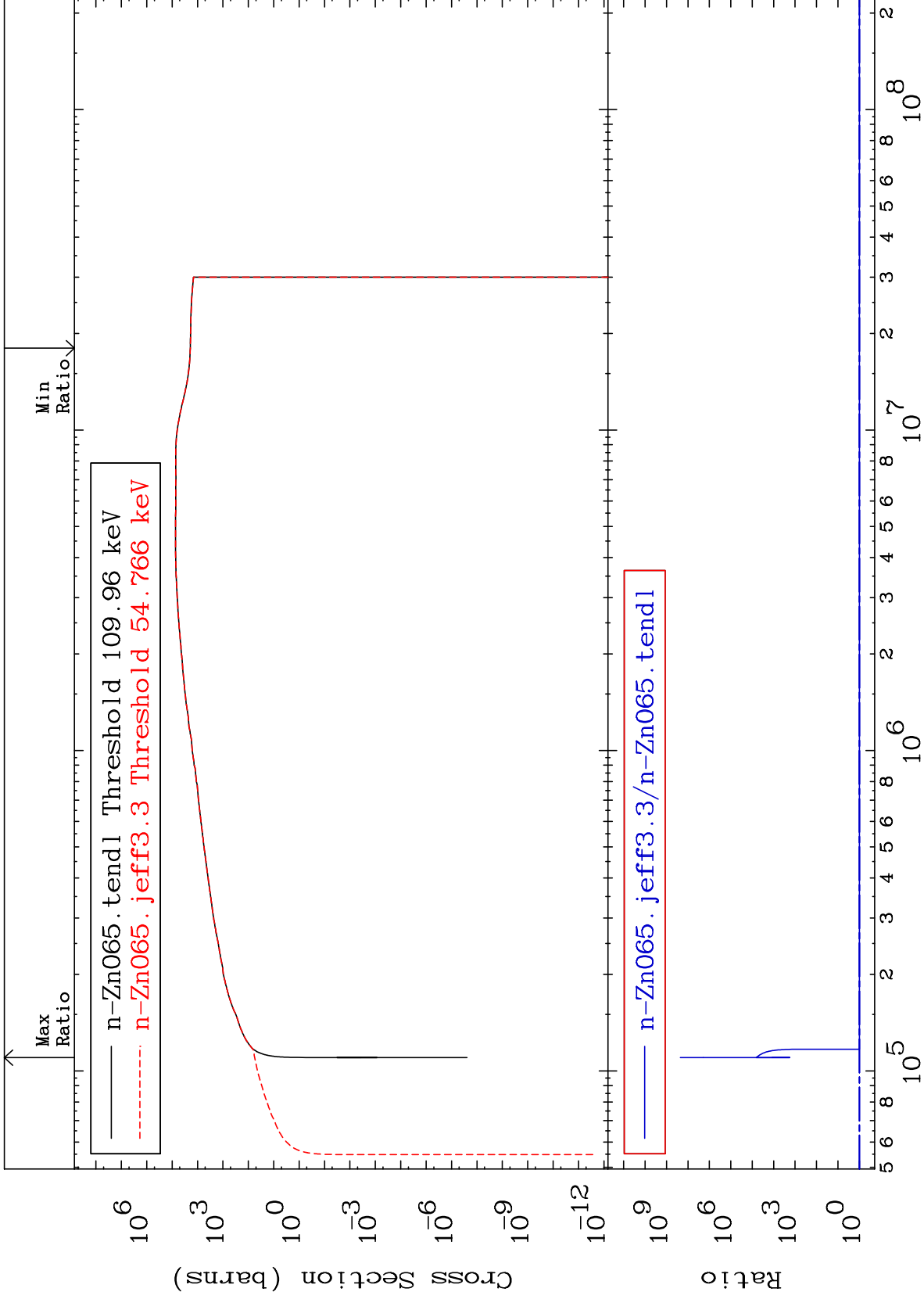
— n-Zn065.tendl  
- - - n-Zn065.jeff3.3

— n-Zn065.jeff3.3/n-Zn065.tendl





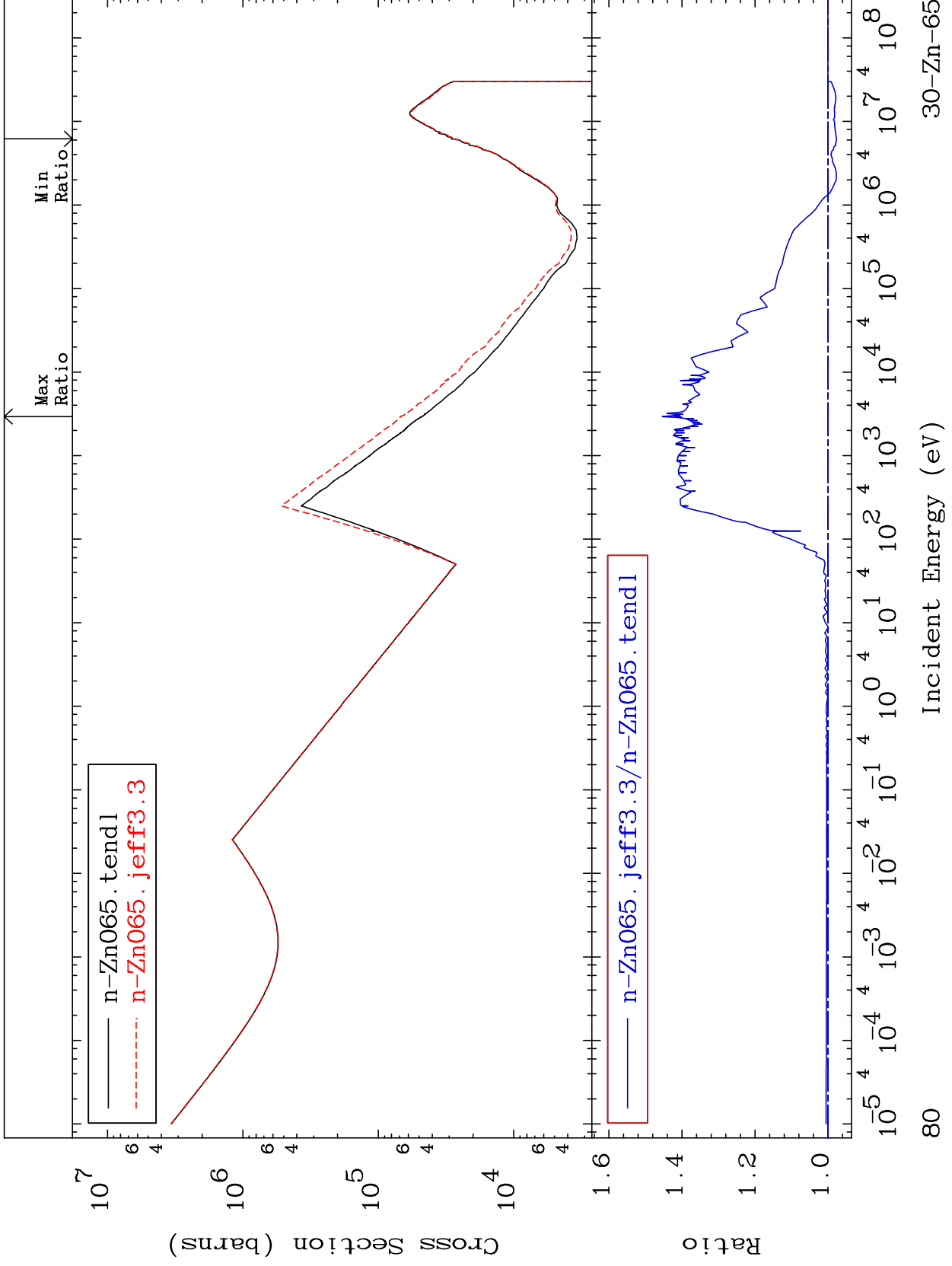




MAT 3028

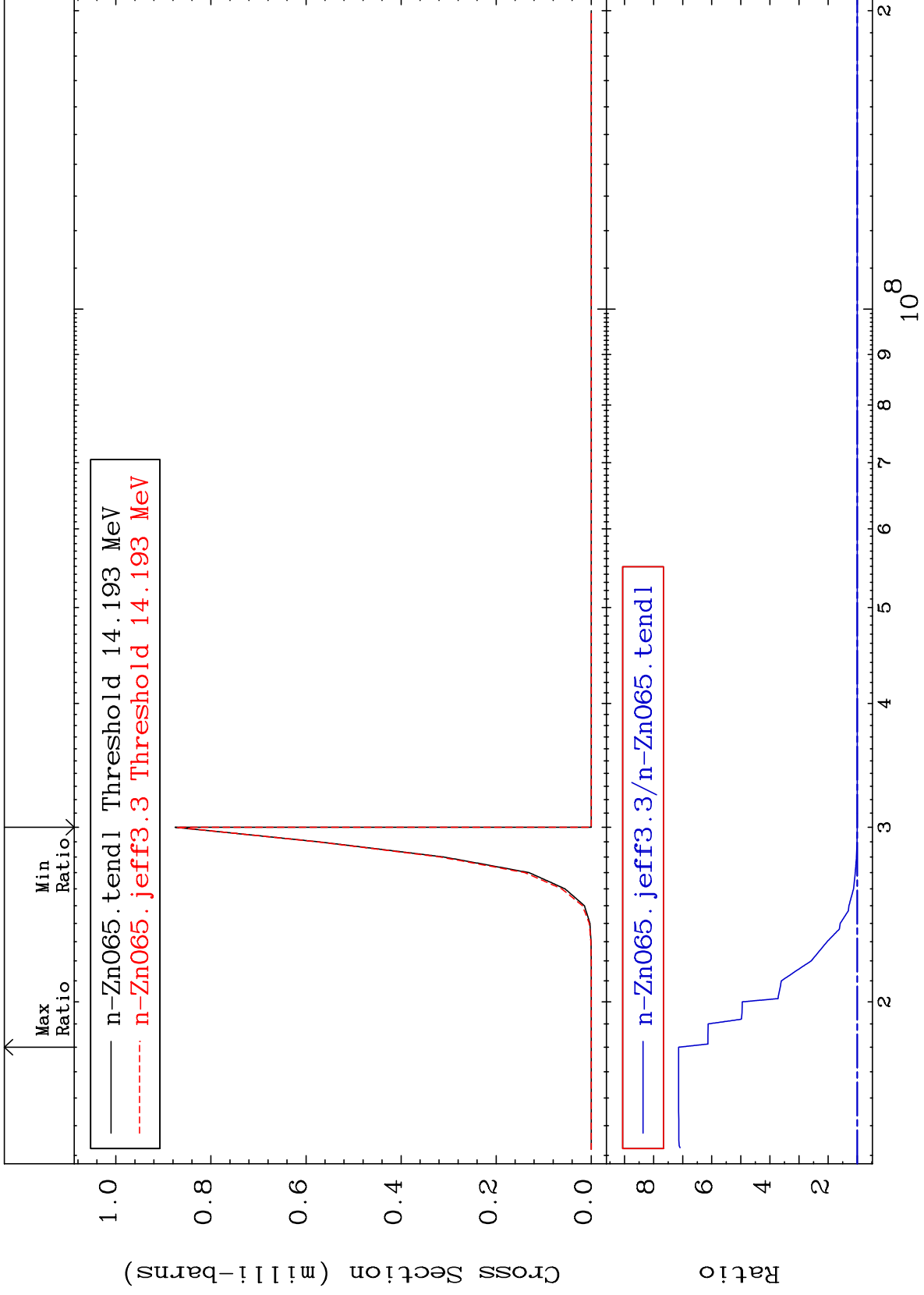
Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-65  
-2.368 To 45.38 %

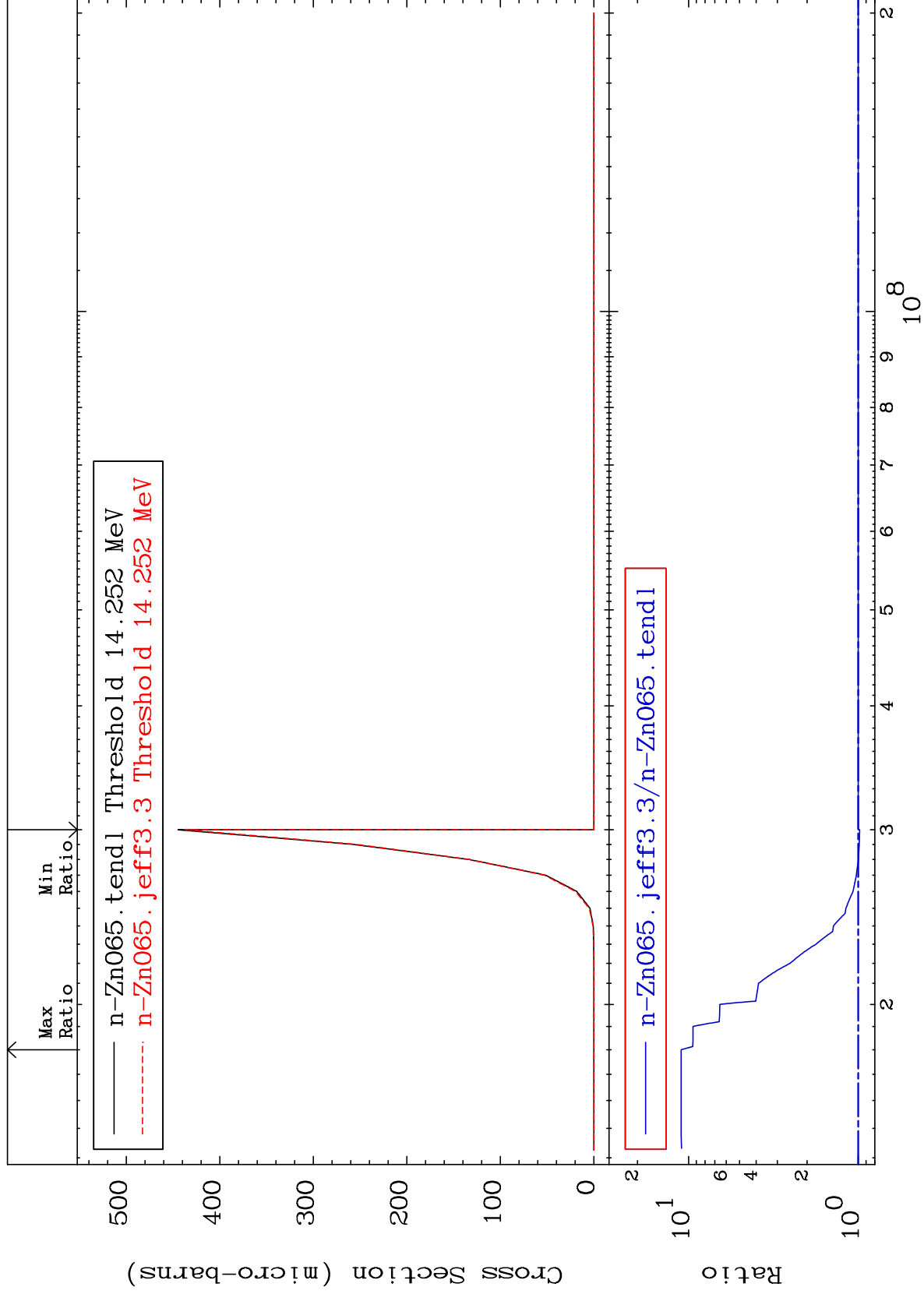




Radionuclide Production Cross Section -0.285 To 613.9 %



Radionuclide Production Cross Section -1.862 To 1005. %

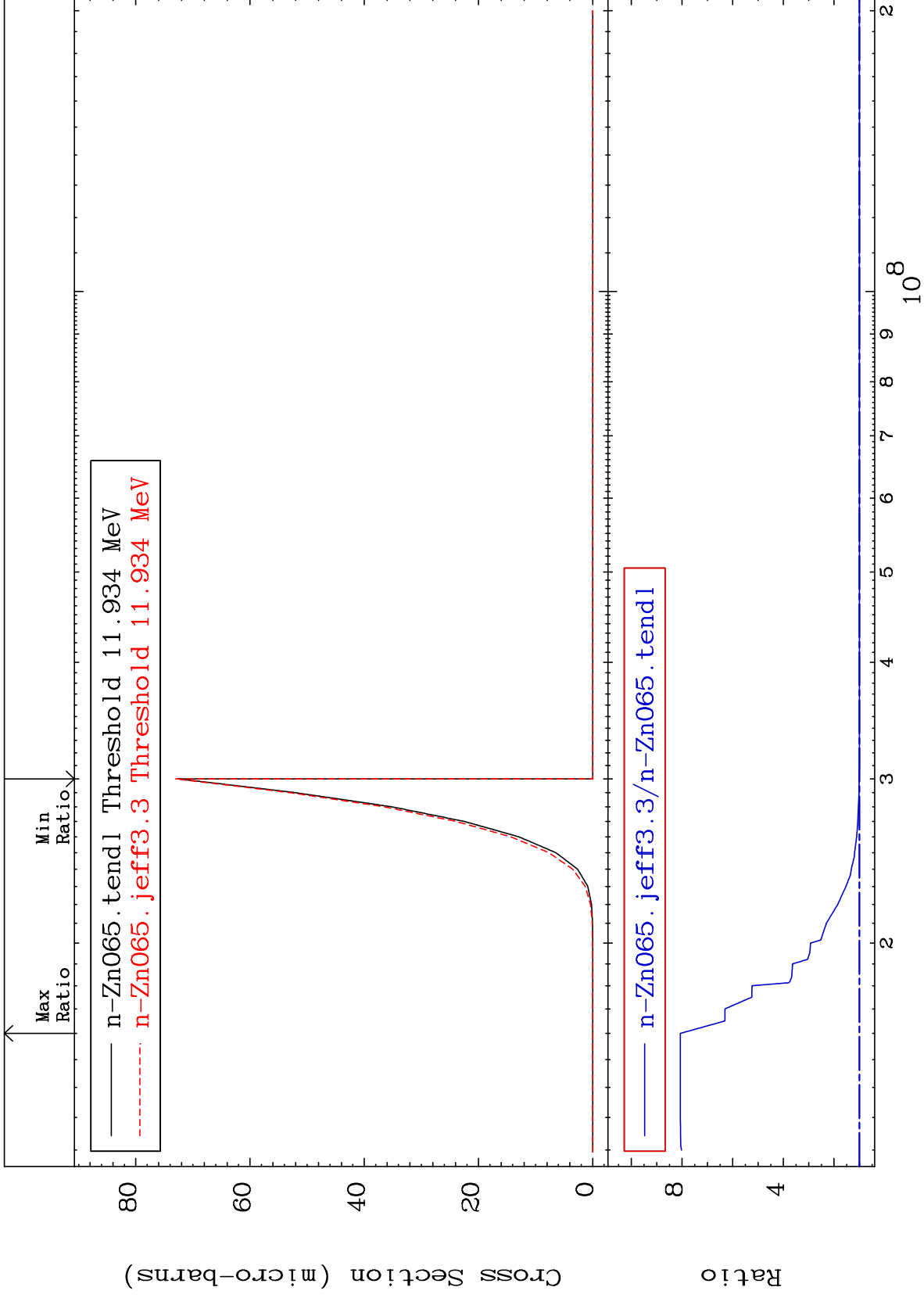


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(n, d)  $\alpha$ :27-Co-60g

30-Zn-65

Radionuclide Production Cross Section 0.000 To 706.7 %



Radionuclide Production Cross Section -2.244 To 1130. %

