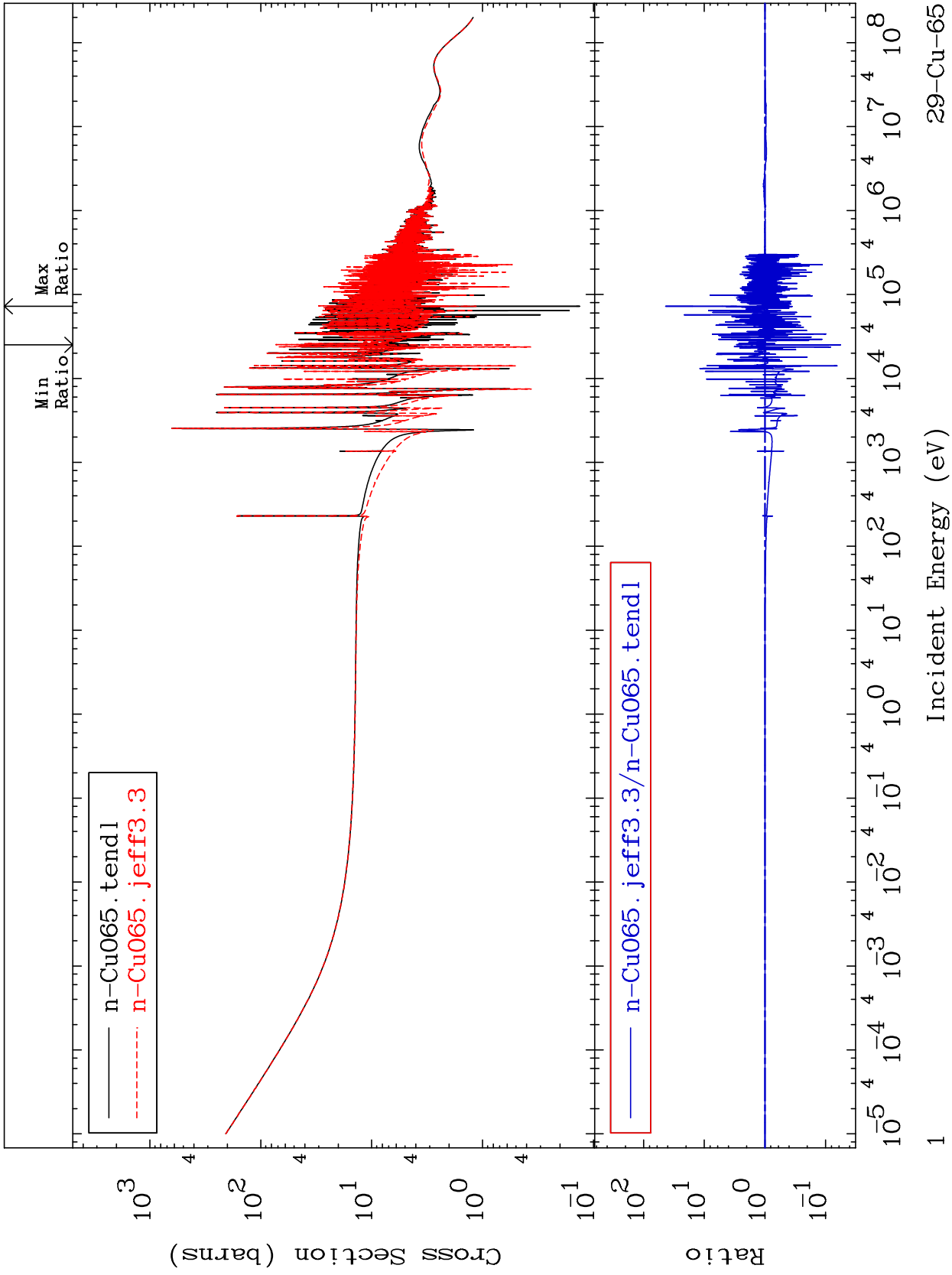


MAT 2931

Total  
Cross Section

29-Cu-65  
-94.37 To 4263. %

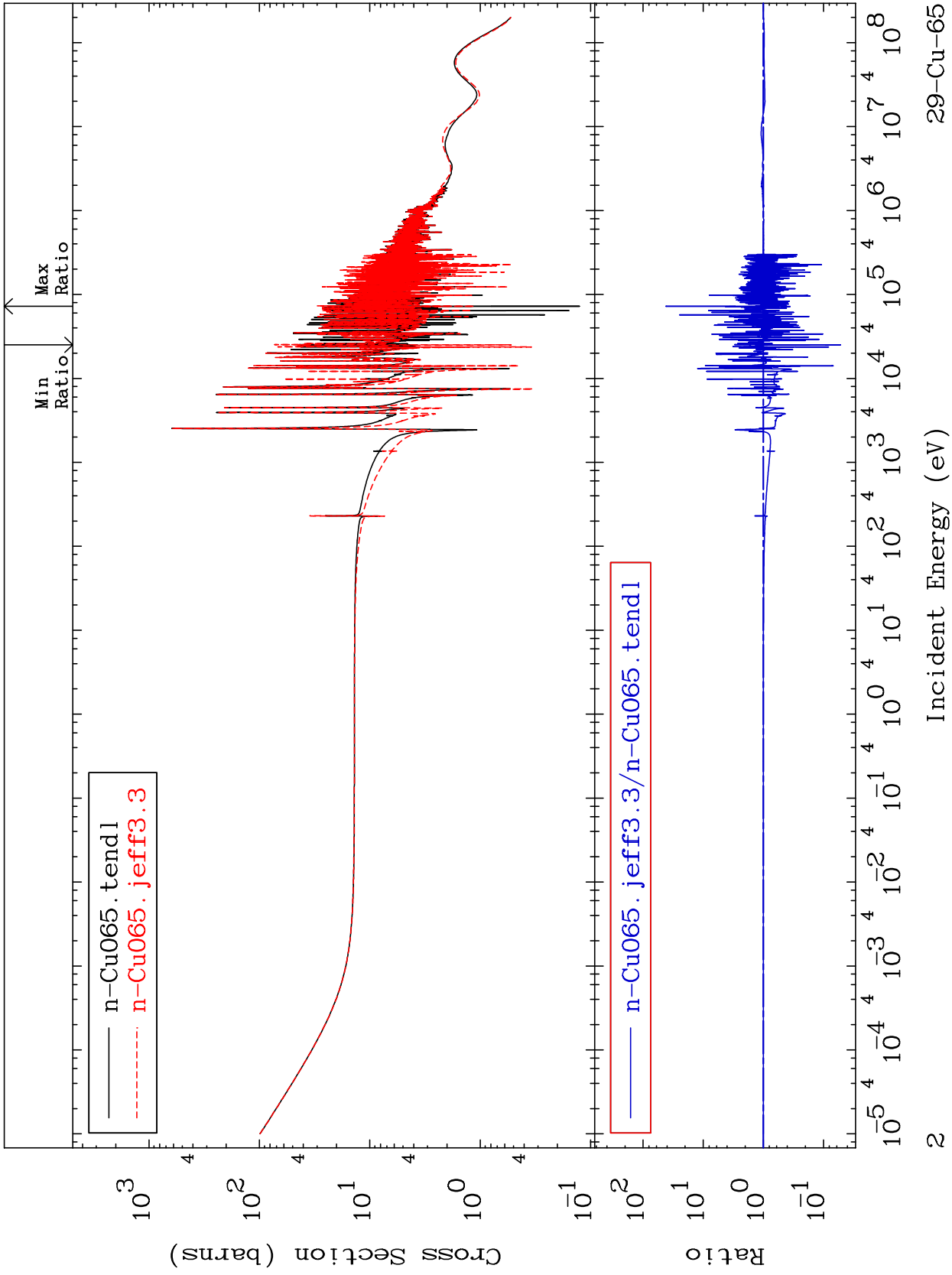


29-Cu-65

MAT 2931

Elastic  
Cross Section

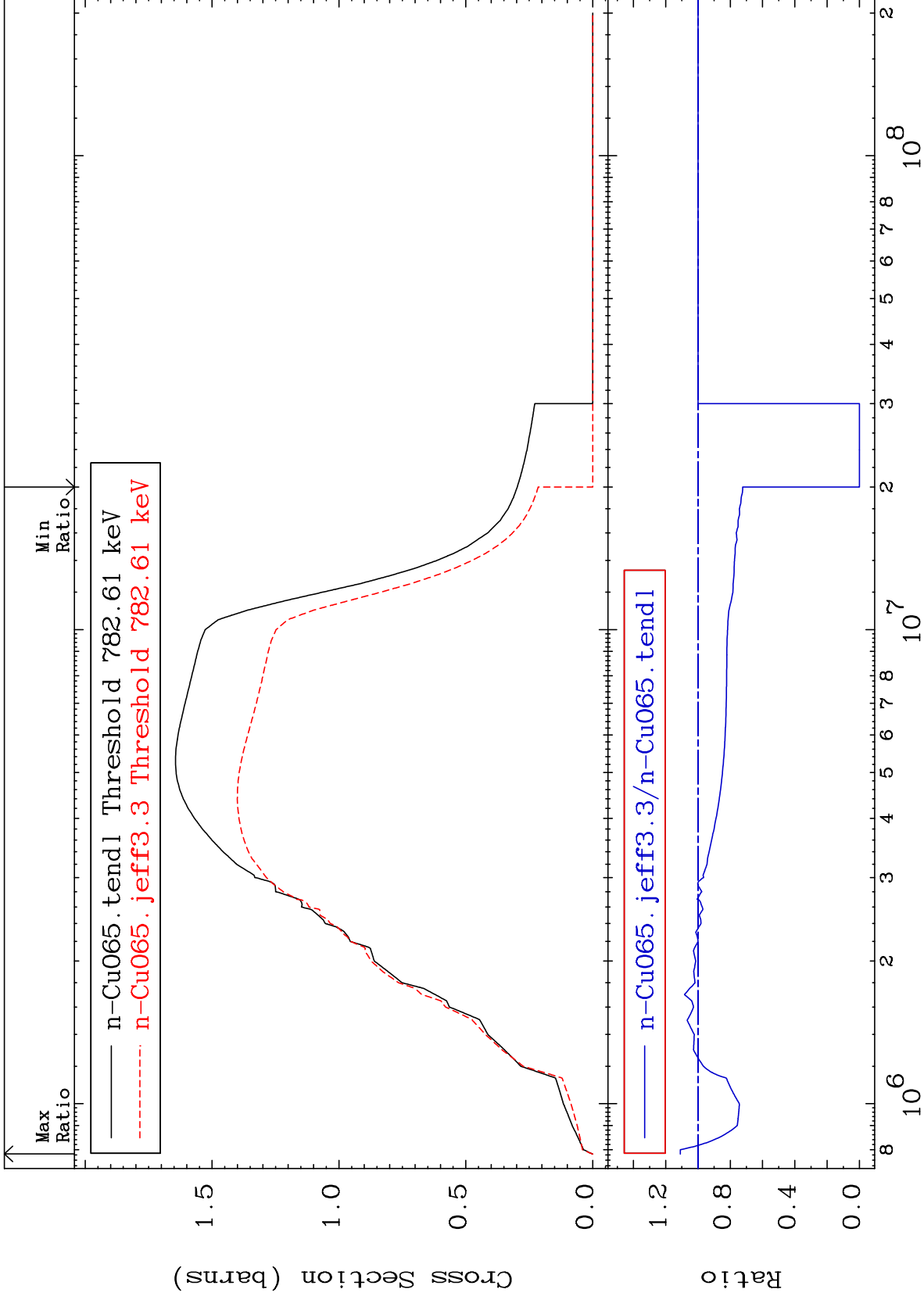
29-Cu-65  
-94.82 To 4138. %



MAT 2931

Inelastic  
Cross Section

29-Cu-65  
-100.0 To 10.93 %



3

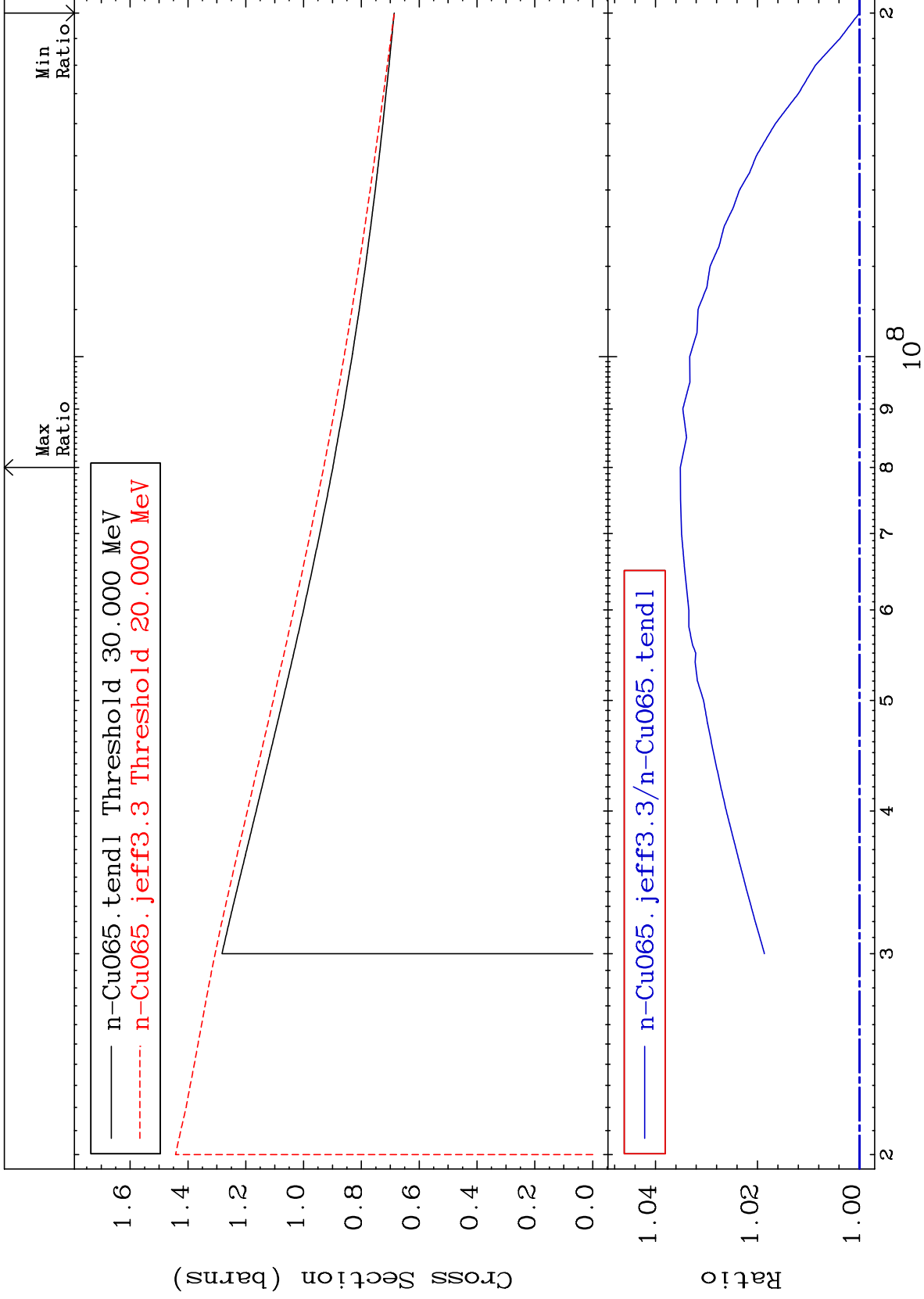
Incident Energy (eV)

29-Cu-65

MAT 2931

(n, remainder)  
Cross Section

0.001 To 3.512 %  
29-Cu-65



4

Incident Energy (eV)

29-Cu-65

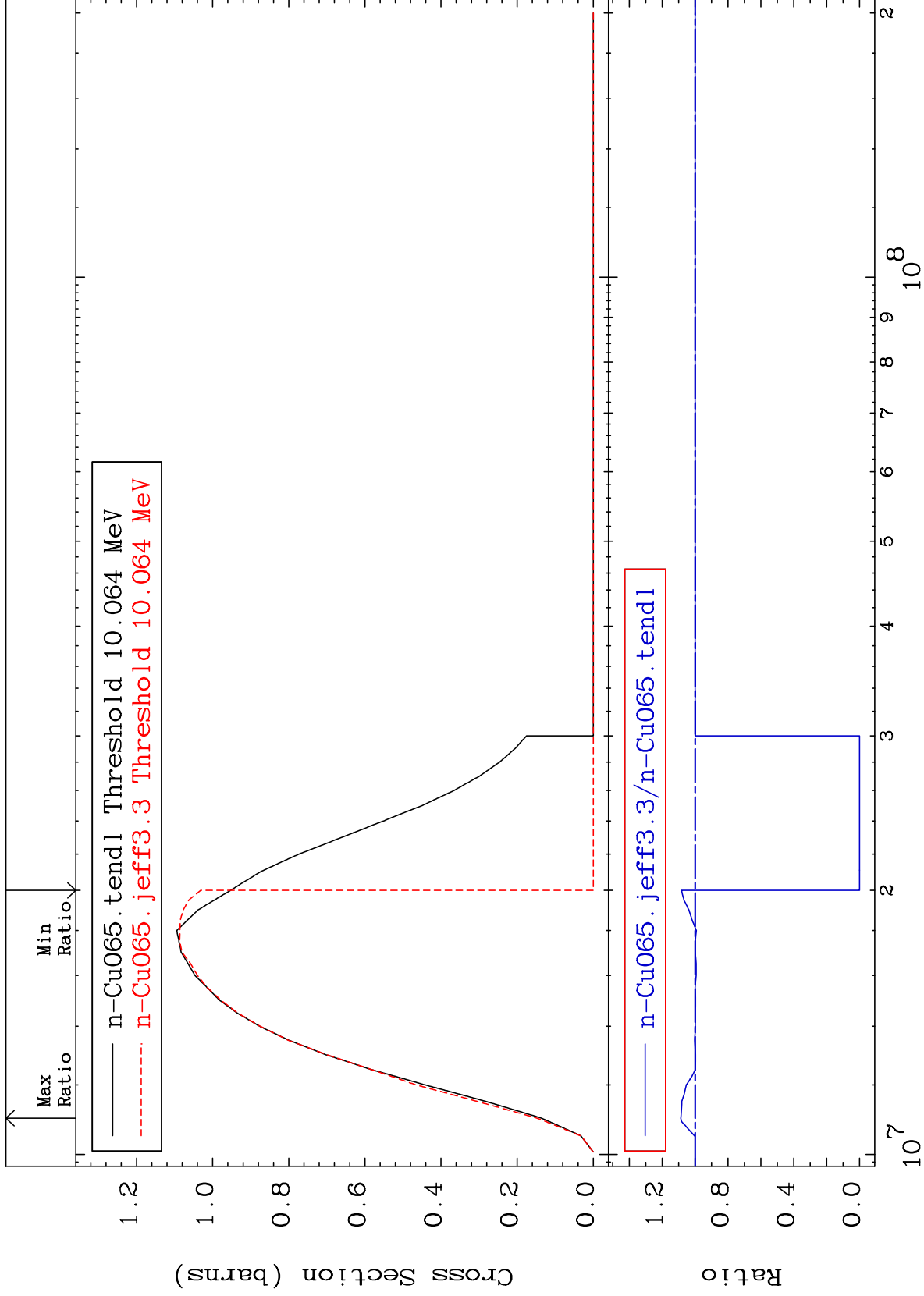
MAT 2931

(n,2n)

29-Cu-65

Cross Section

-100.0 To 8.661 %



29-Cu-65

29-Cu-65

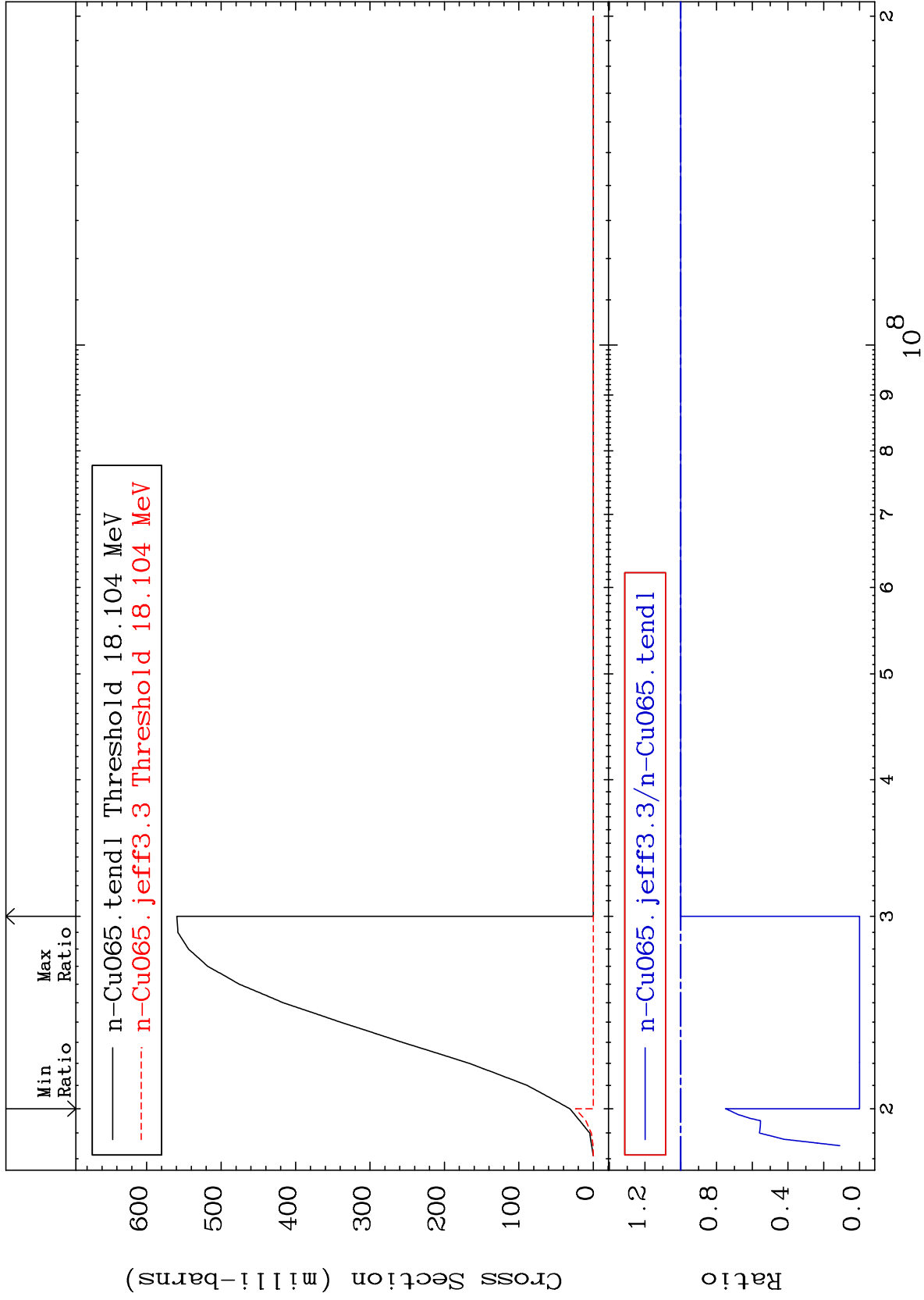
MAT 2931

(n,3n)

<sup>29</sup>Cu-65

Cross Section

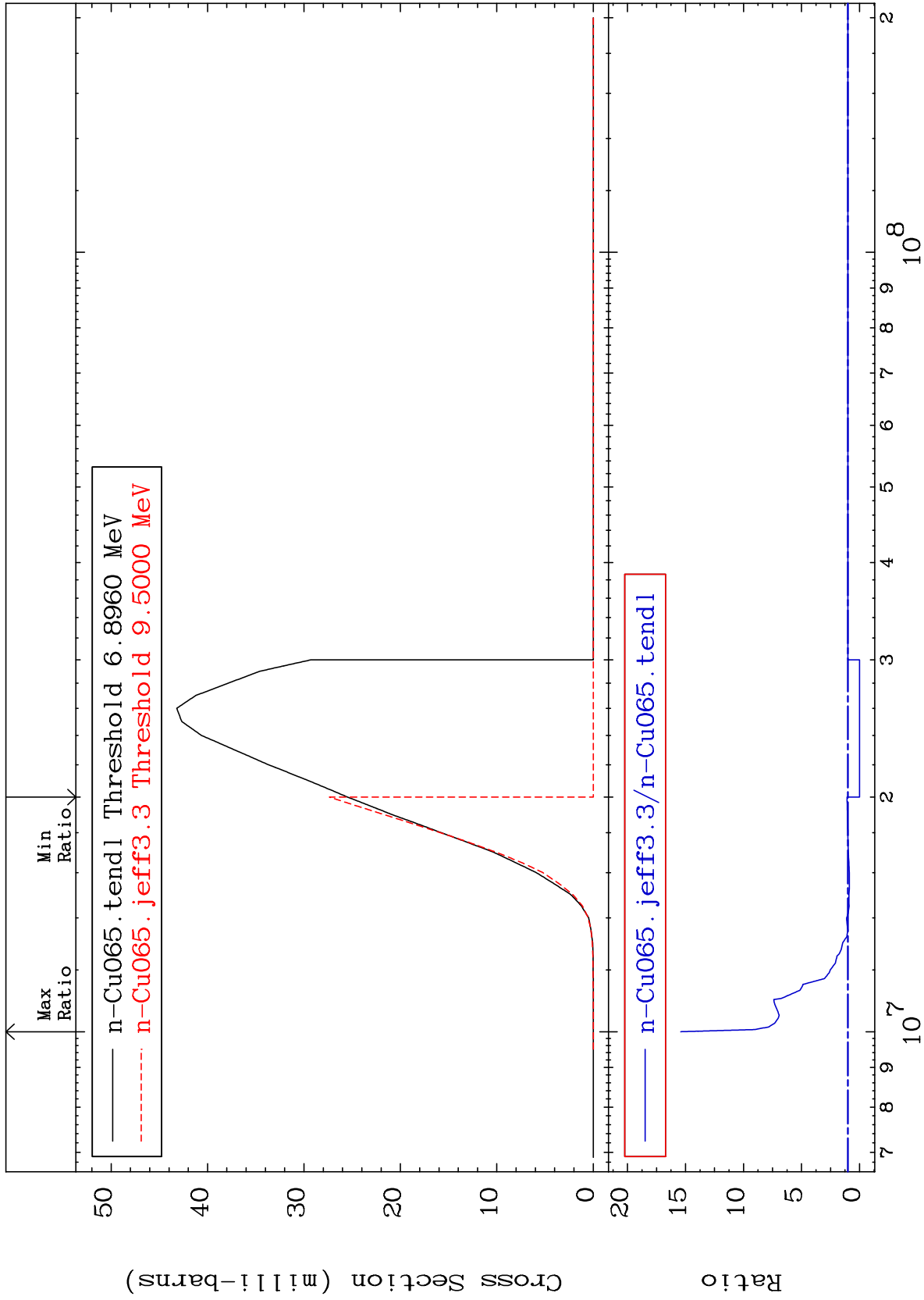
-100.0 To 0.000 %



MAT 2931

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

29-Cu-65  
-100.0 To 1441. %



7

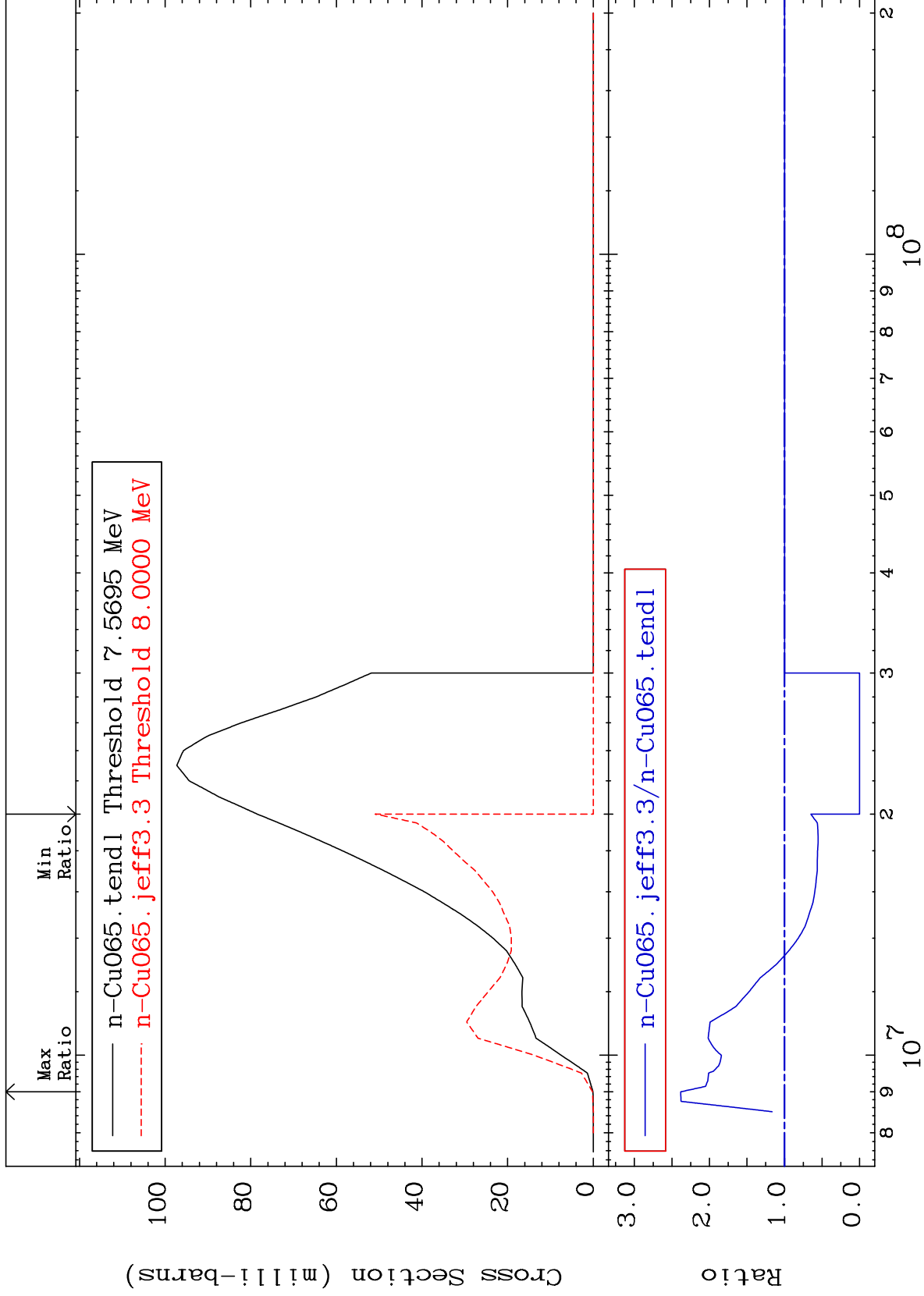
Incident Energy (eV)

29-Cu-65

MAT 2931

(n,n') p  
Cross Section

29-Cu-65  
-100.0 To 138.2 %



8

Incident Energy (eV)

29-Cu-65



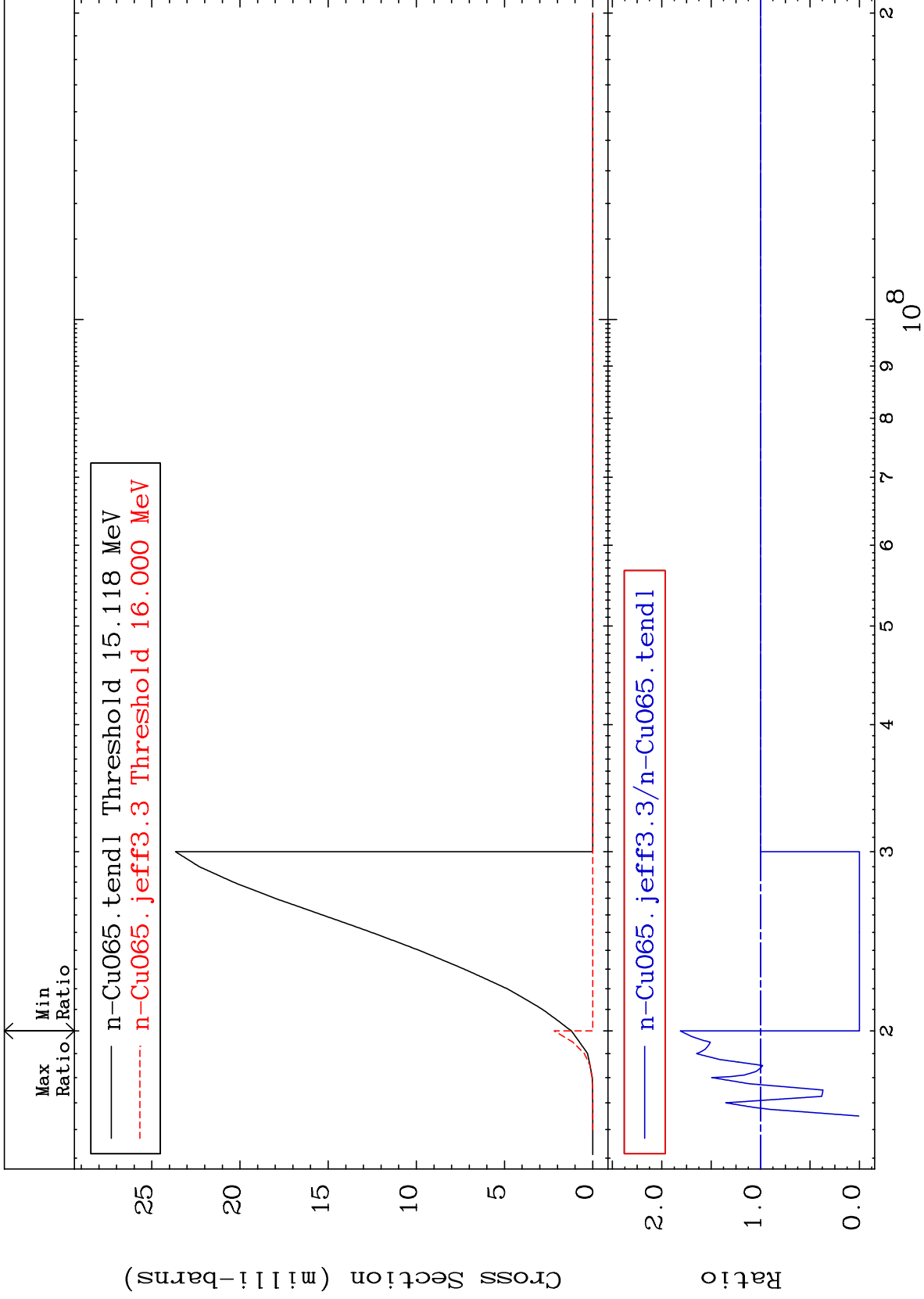
MAT 2931

(n,n') d

29-Cu-65

Cross Section

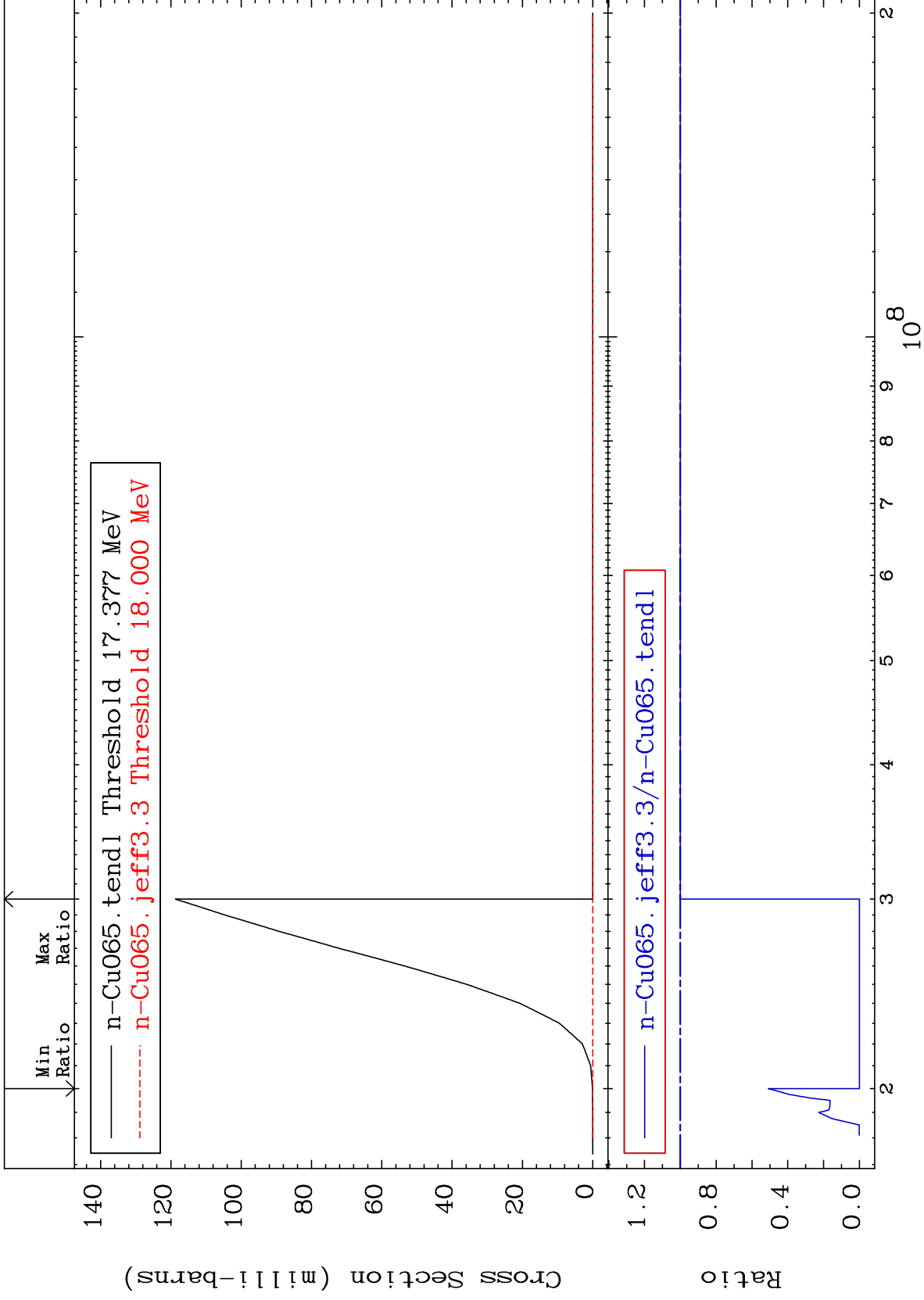
-100.0 To 81.24 %



MAT 2931

(n,2n) p  
Cross Section

29-Cu-65  
-100.0 To 0.000 %



10

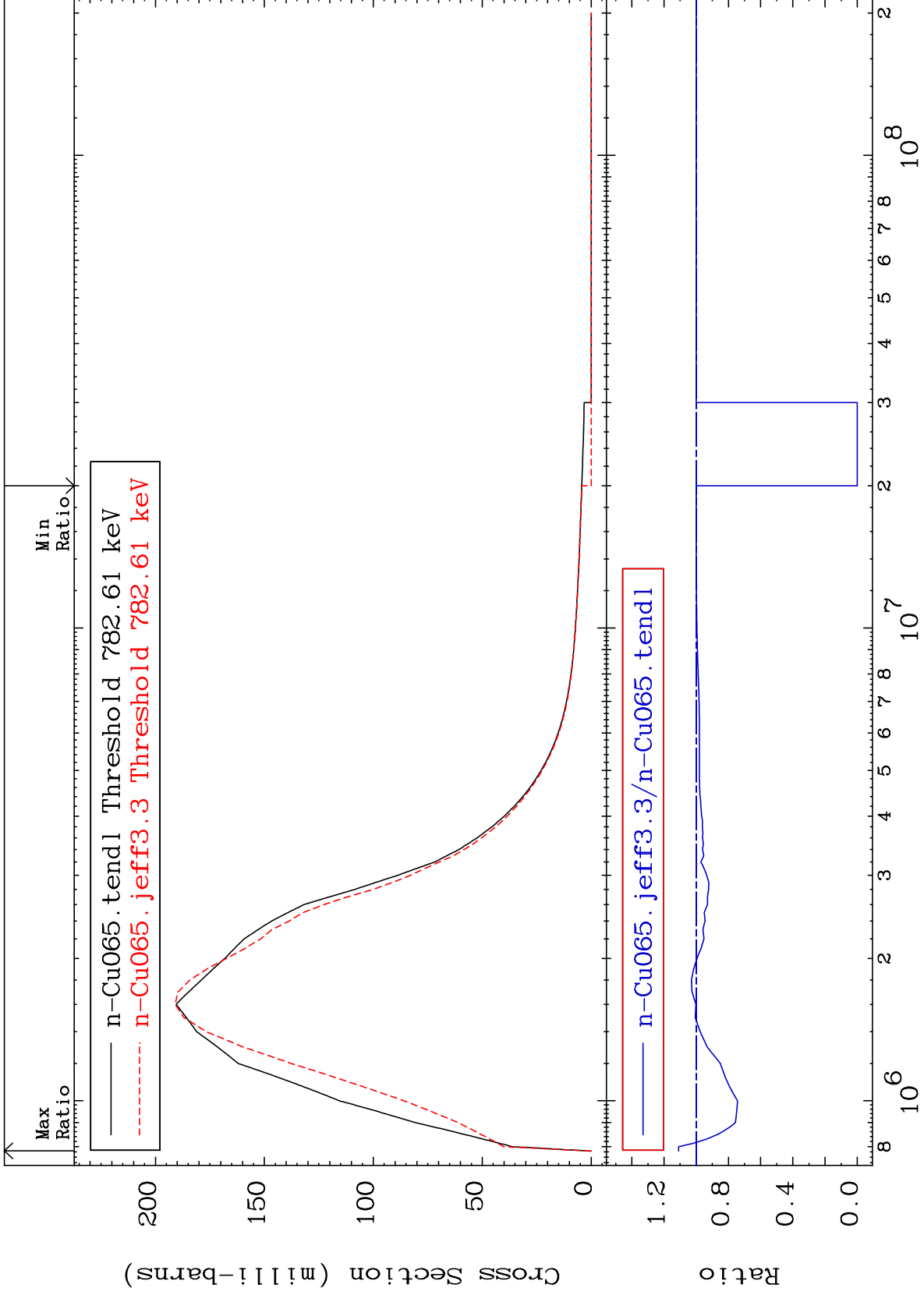
29-Cu-65

29-Cu-65

MAT 2931

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

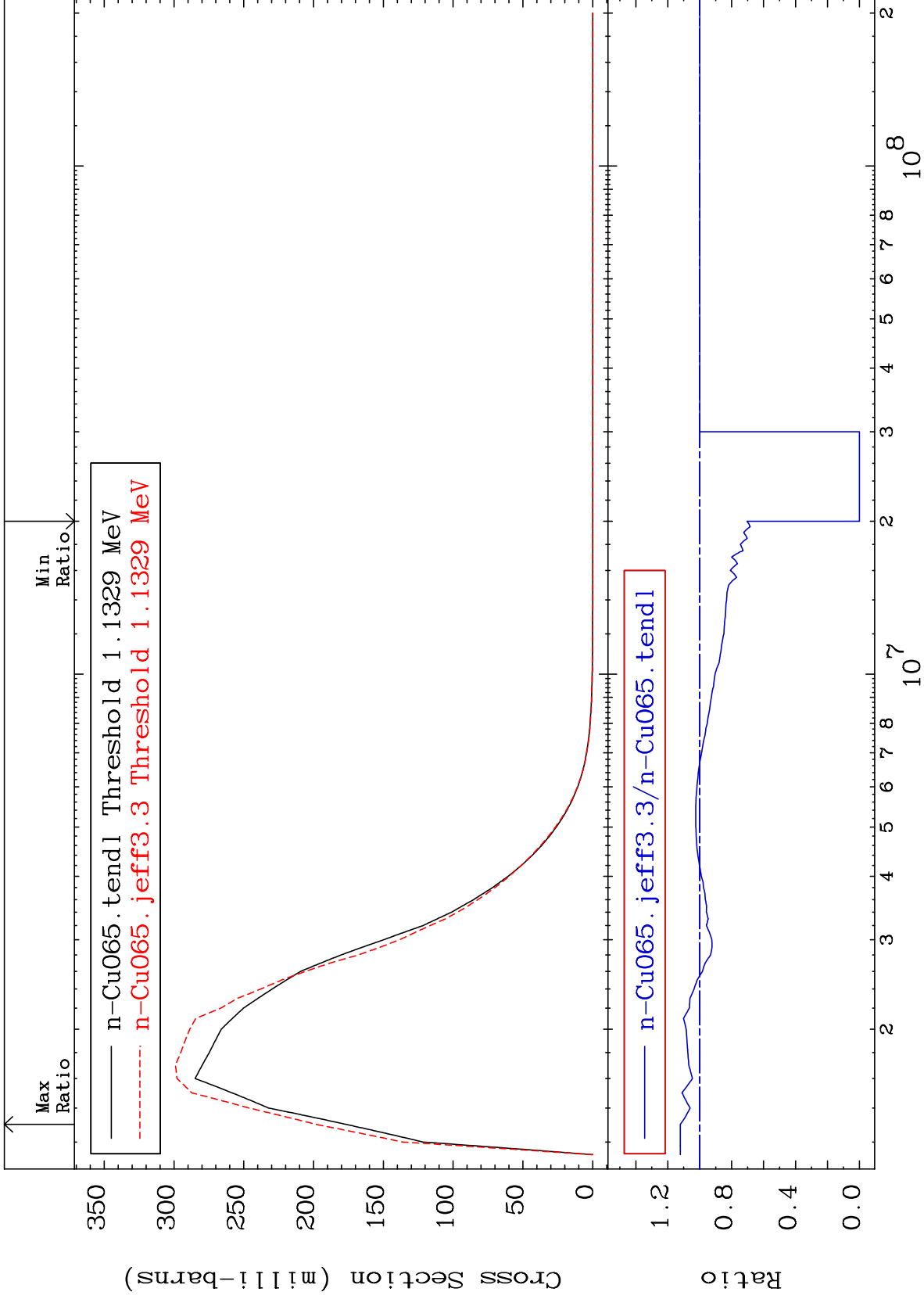
29-Cu-65  
-100.0 To 10.93 %



MAT 2931

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

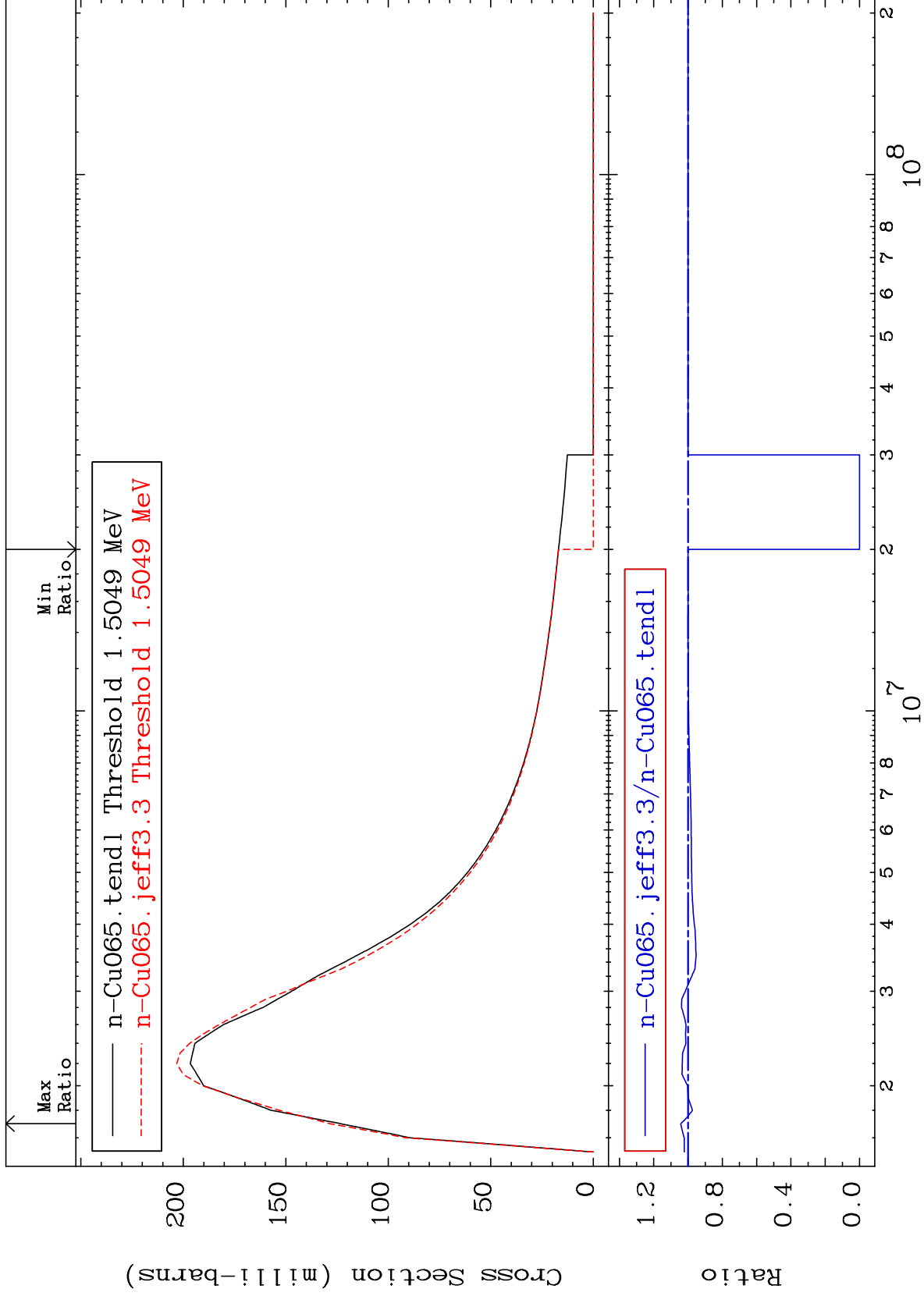
29-Cu-65  
-100.0 To 12.11 %



MAT 2931

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

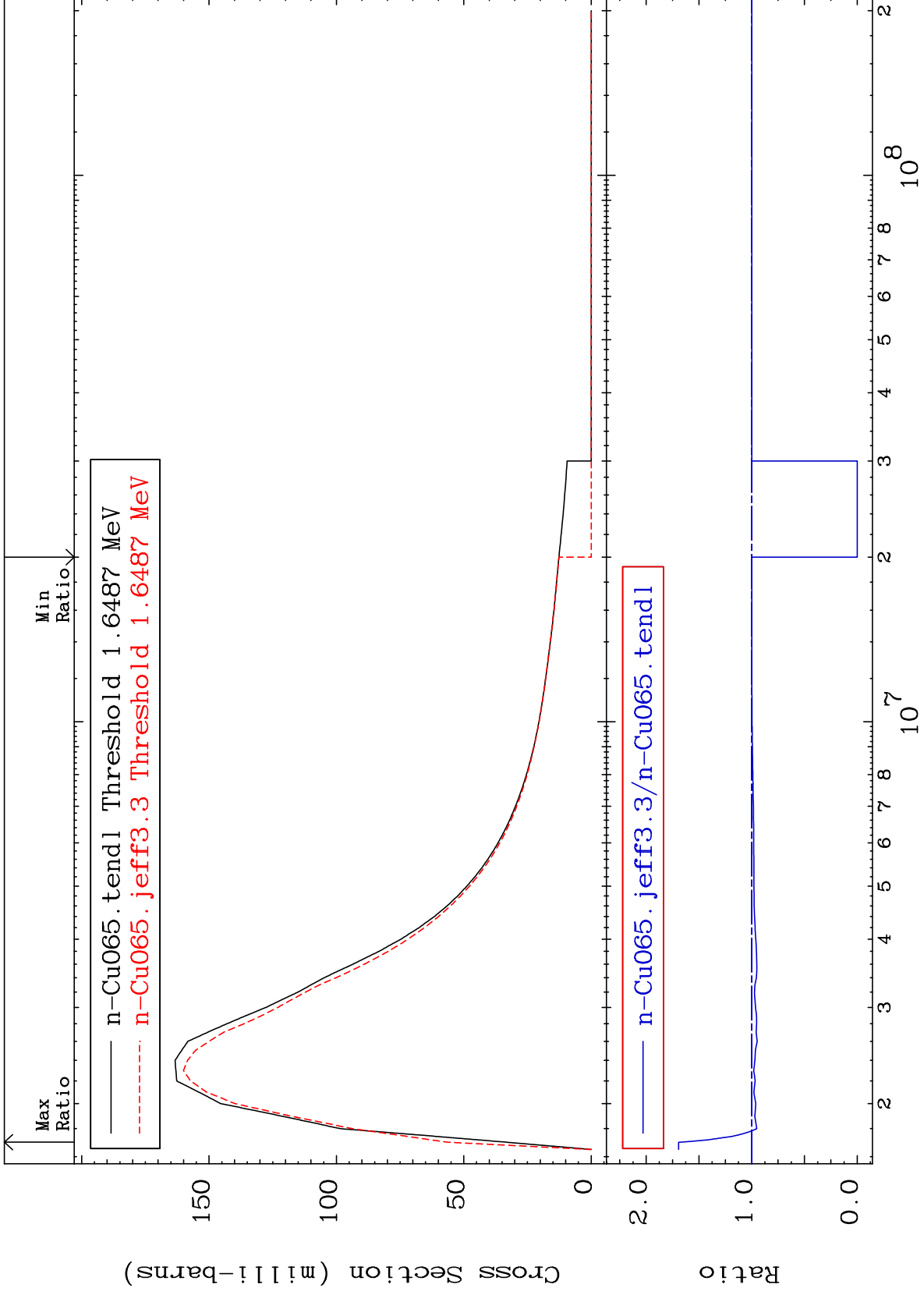
29-Cu-65  
-100.0 To 4.235 %



MAT 2931

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

29-Cu-65  
-100.0 To 69.23 %



14

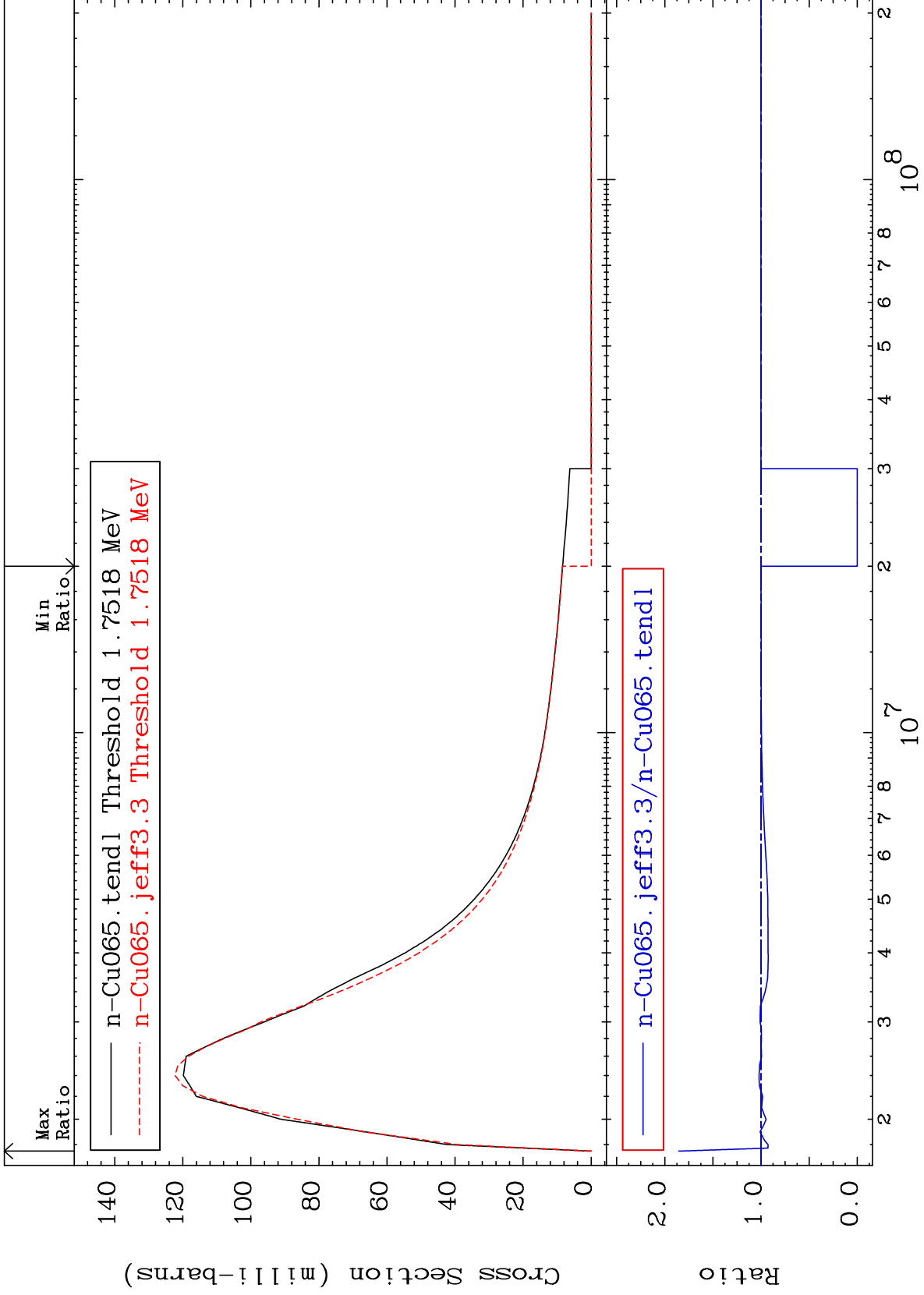
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-100.0 To 85.64 %



15

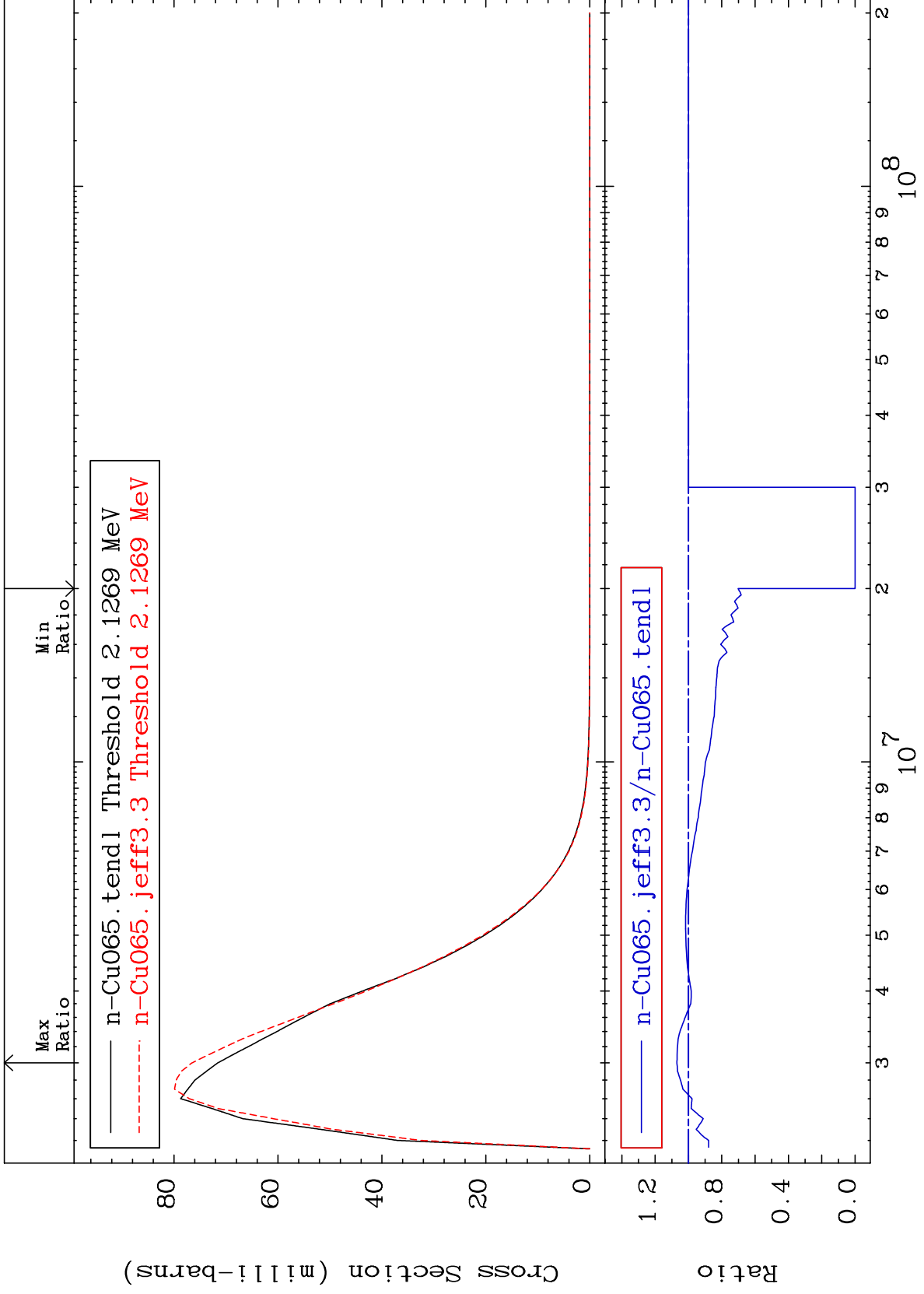
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-100.0 To 6.923 %

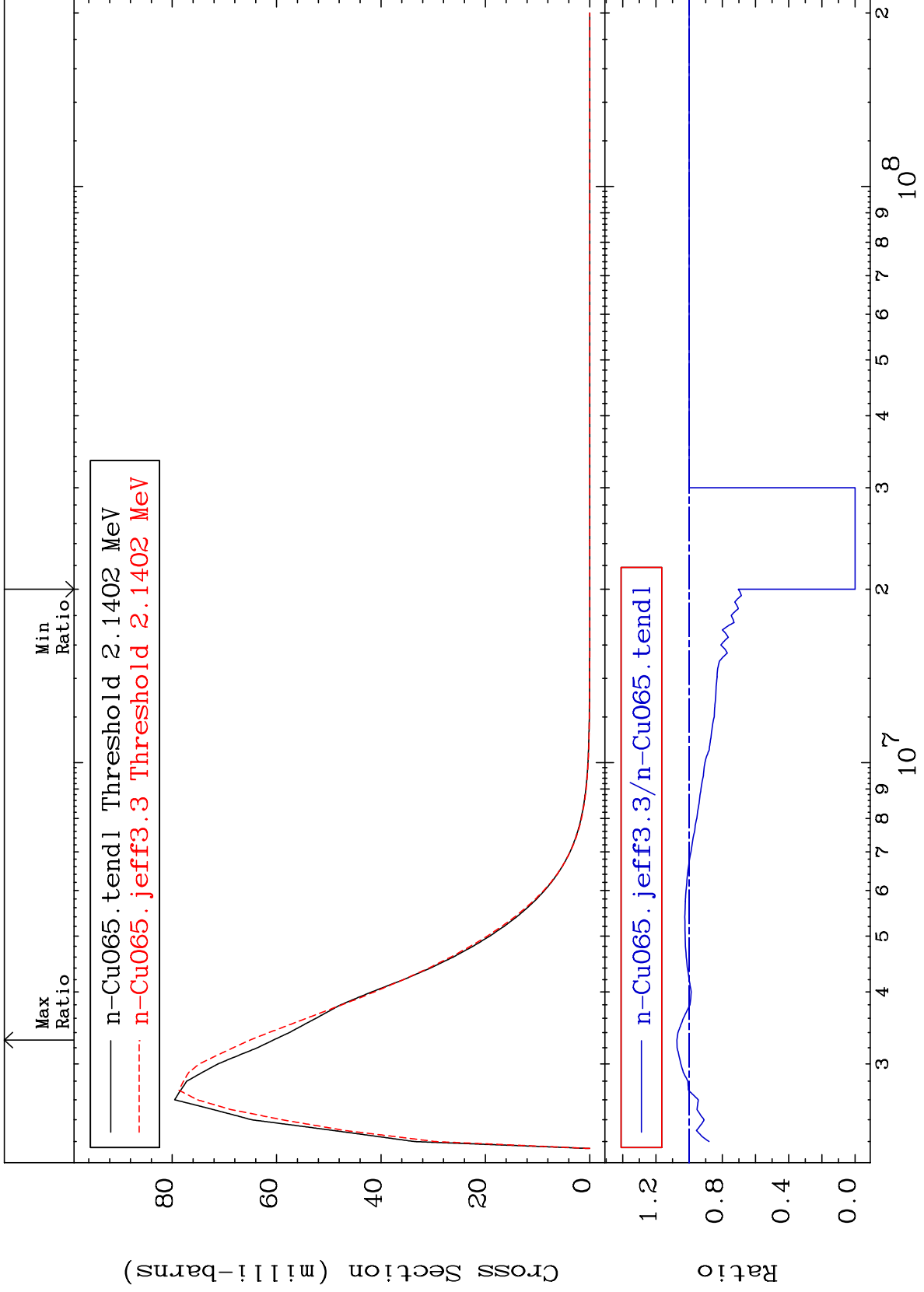




MAT 2931

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

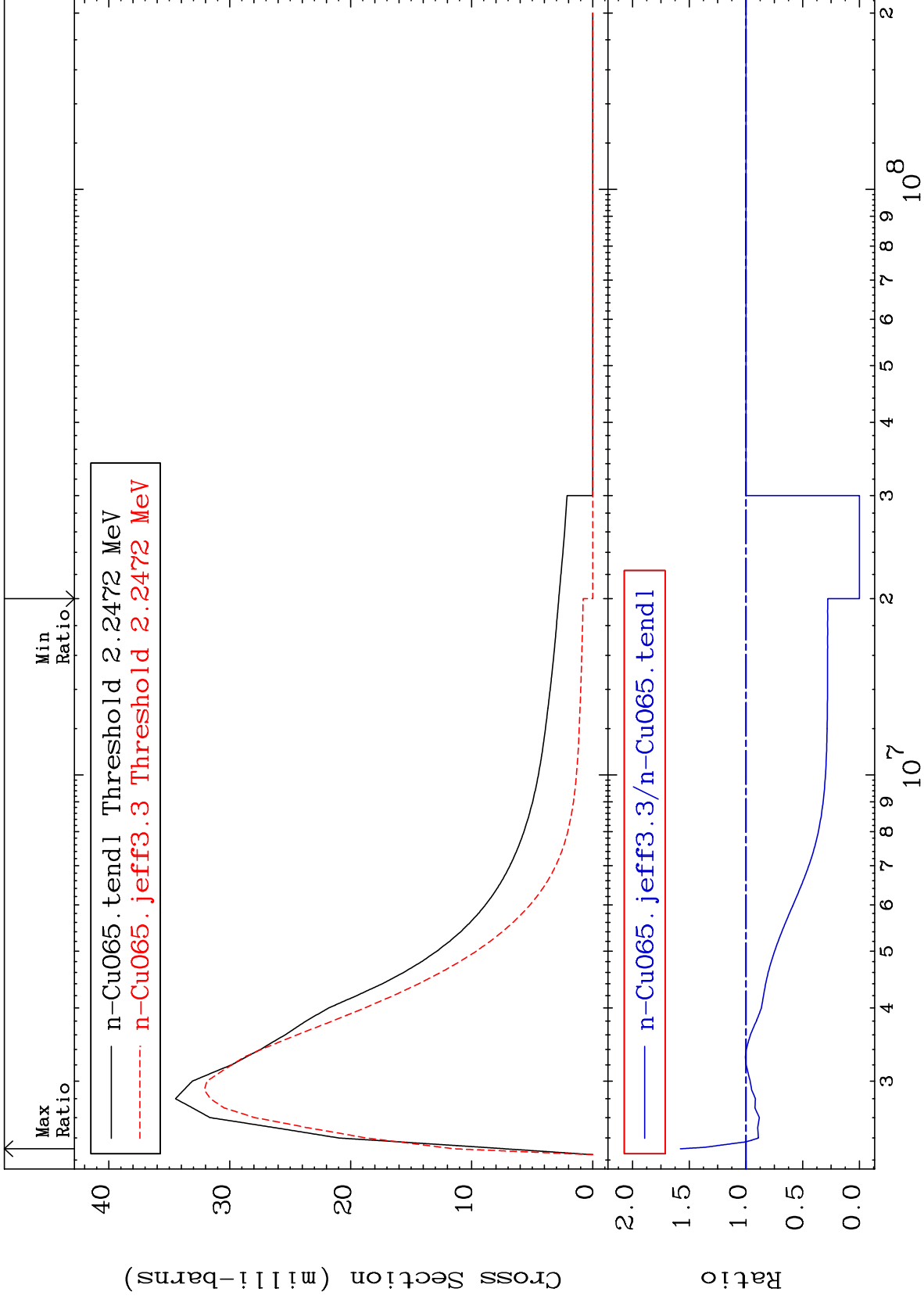
29-Cu-65  
-100.0 To 7.366 %



MAT 2931

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

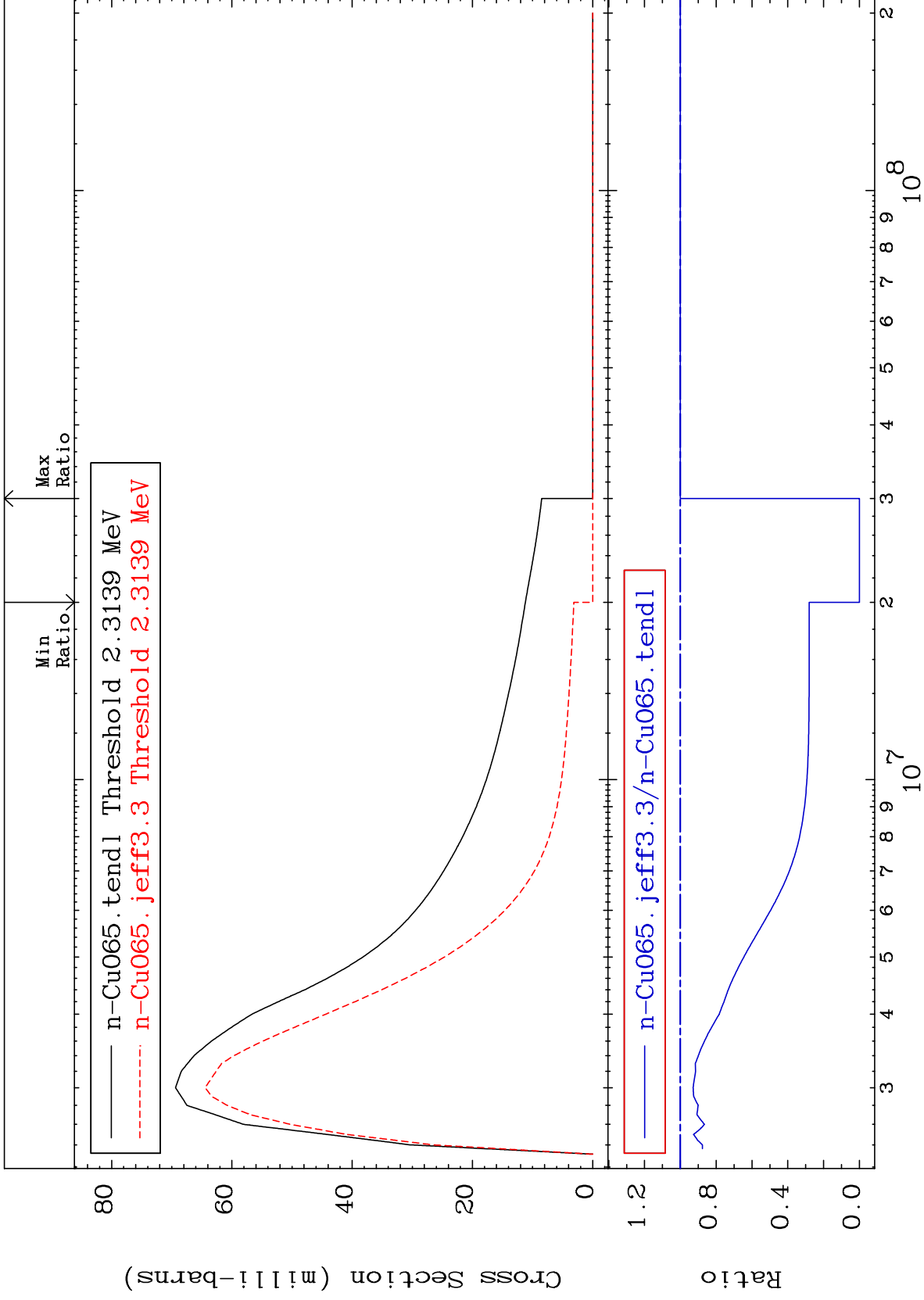
29-Cu-65  
-100.0 To 57.82 %



MAT 2931

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

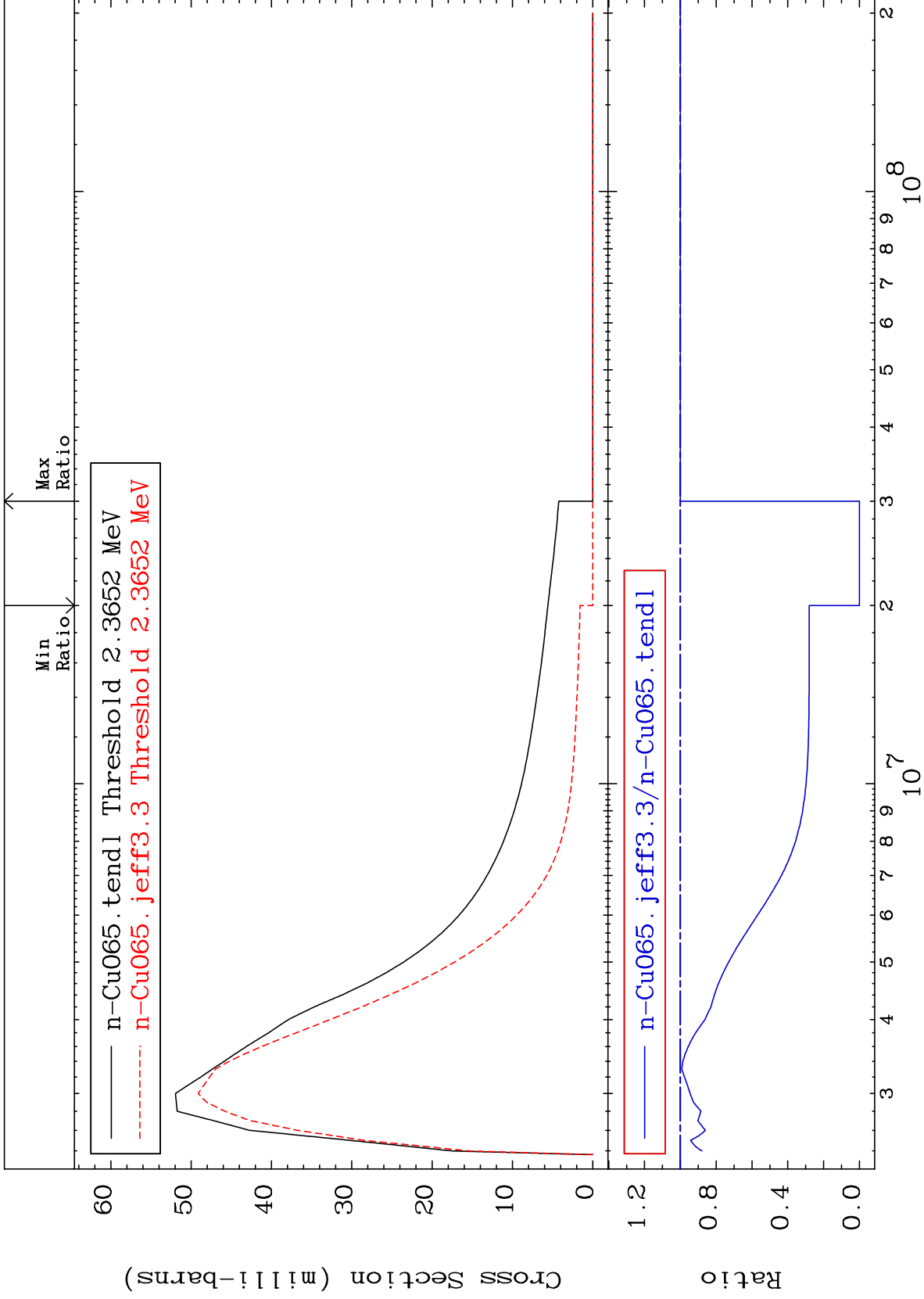
29-Cu-65  
-100.0 To 0.000 %



MAT 2931

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

29-Cu-65  
-100.0 To 0.000 %



20

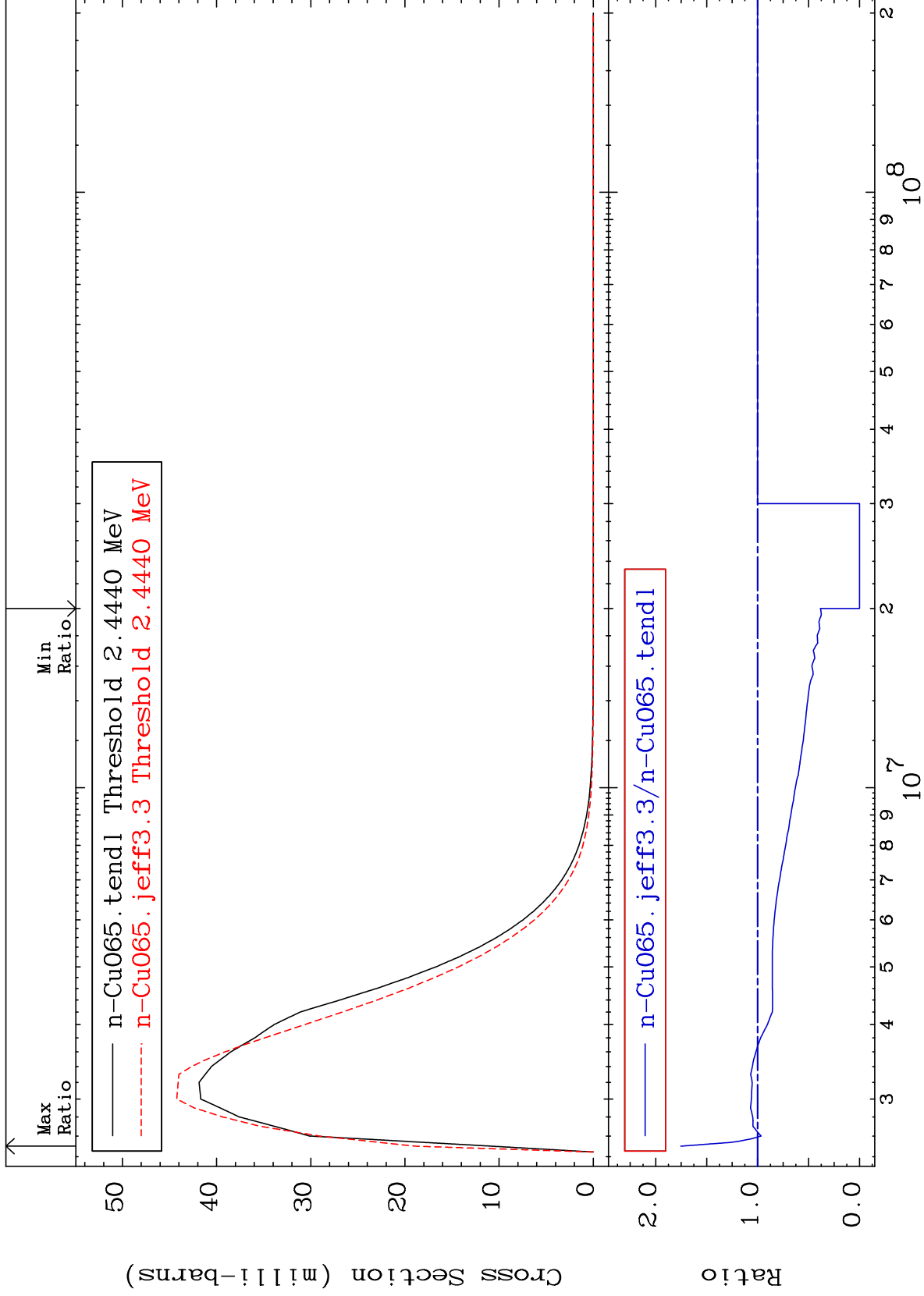
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-100.0 To 75.40 %



21

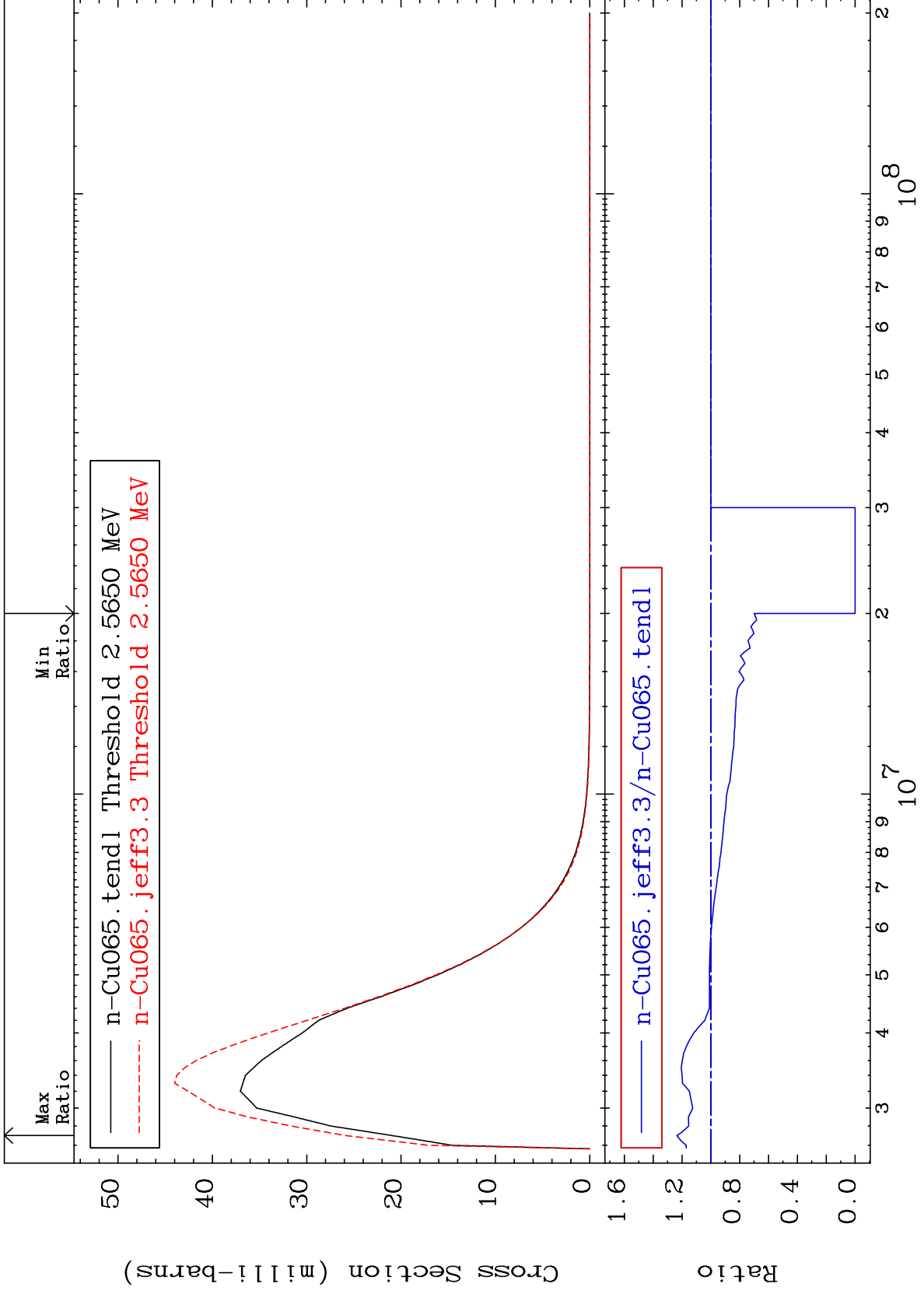
Incident Energy (eV)

29-Cu-65

MAT 2931

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

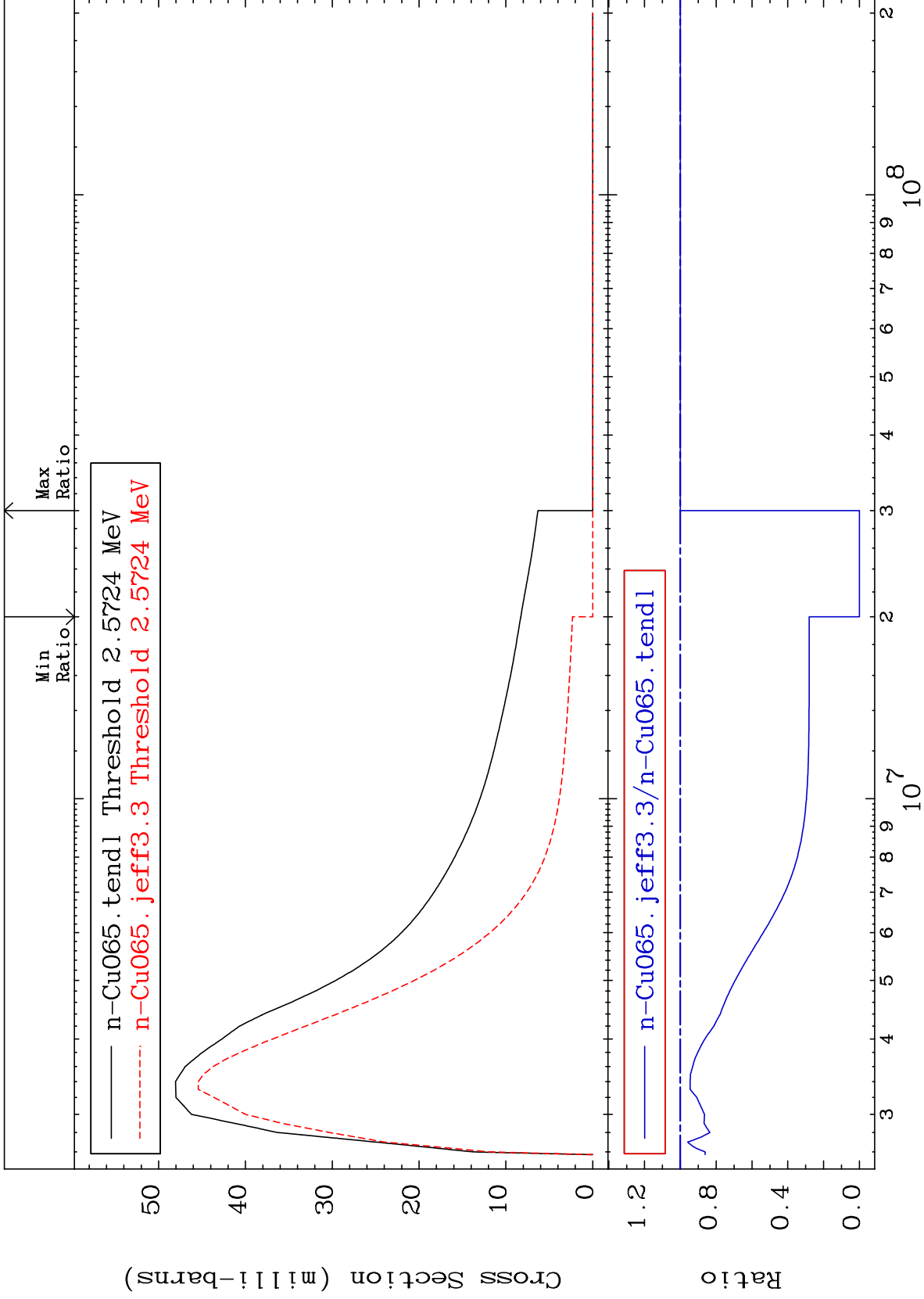
29-Cu-65  
-100.0 To 23.56 %



MAT 2931

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

29-Cu-65  
-100.0 To 0.000 %



23

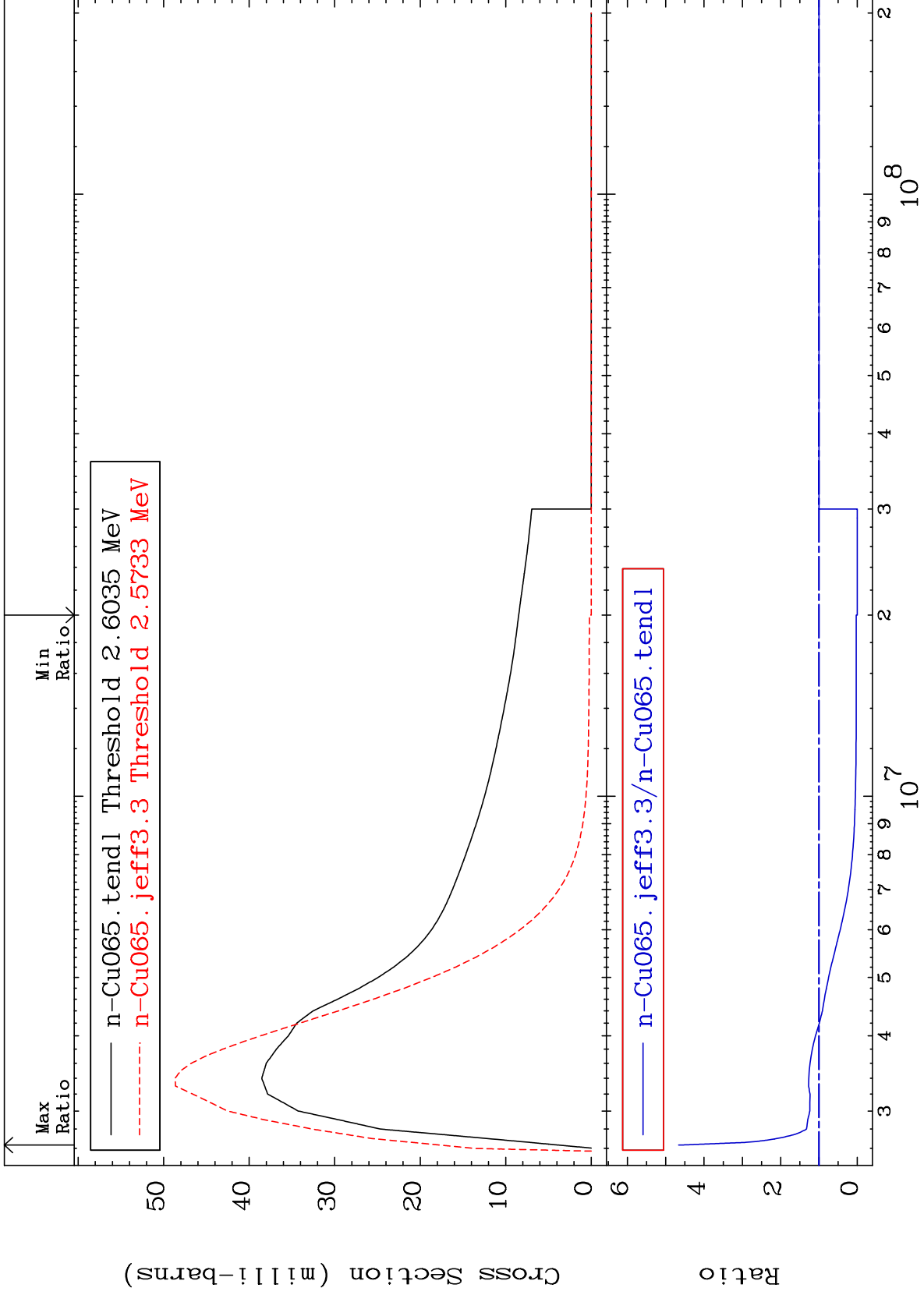
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-100.0 To 366.4 %

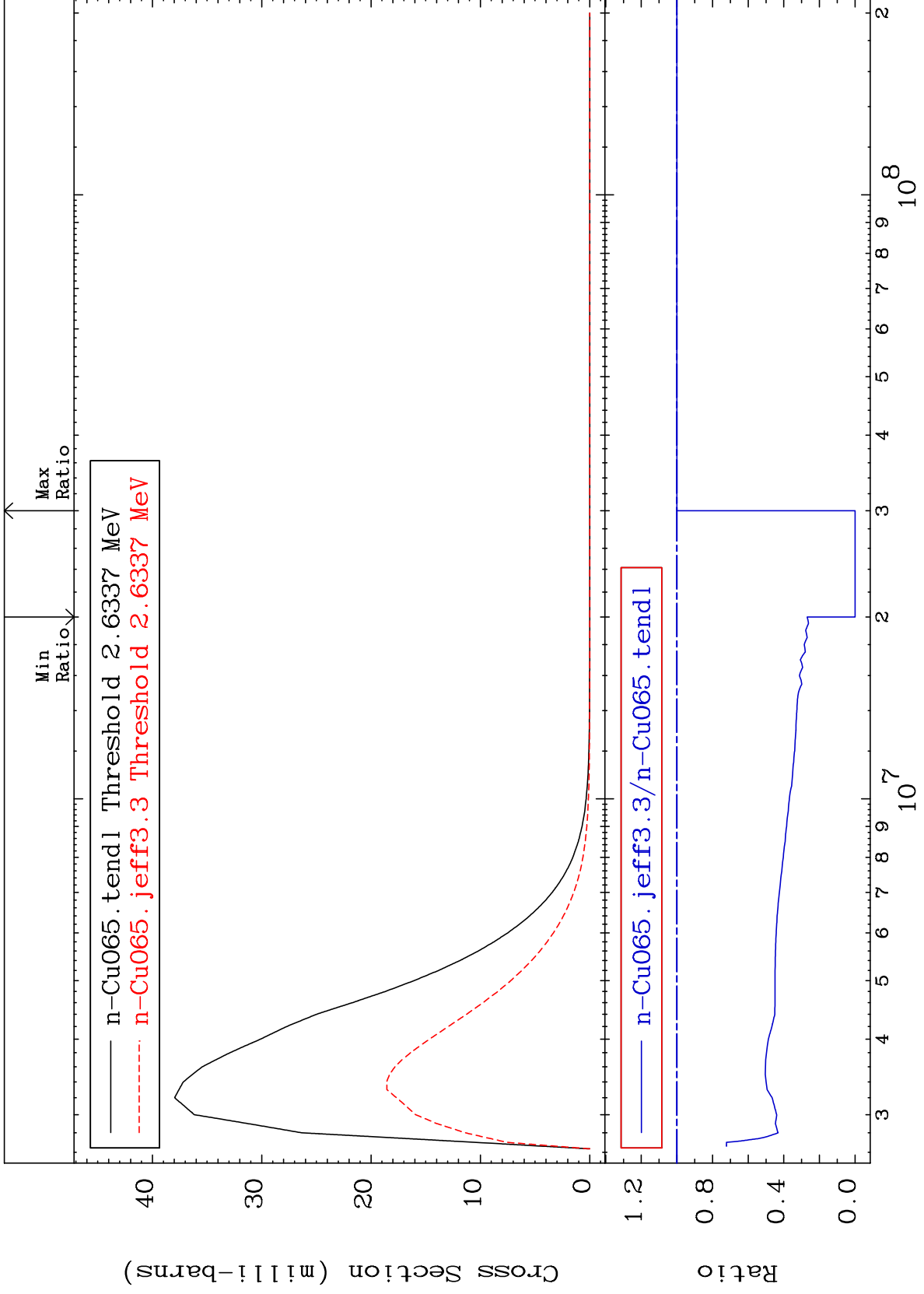




MAT 2931

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

29-Cu-65  
-100.0 To 0.000 %



25

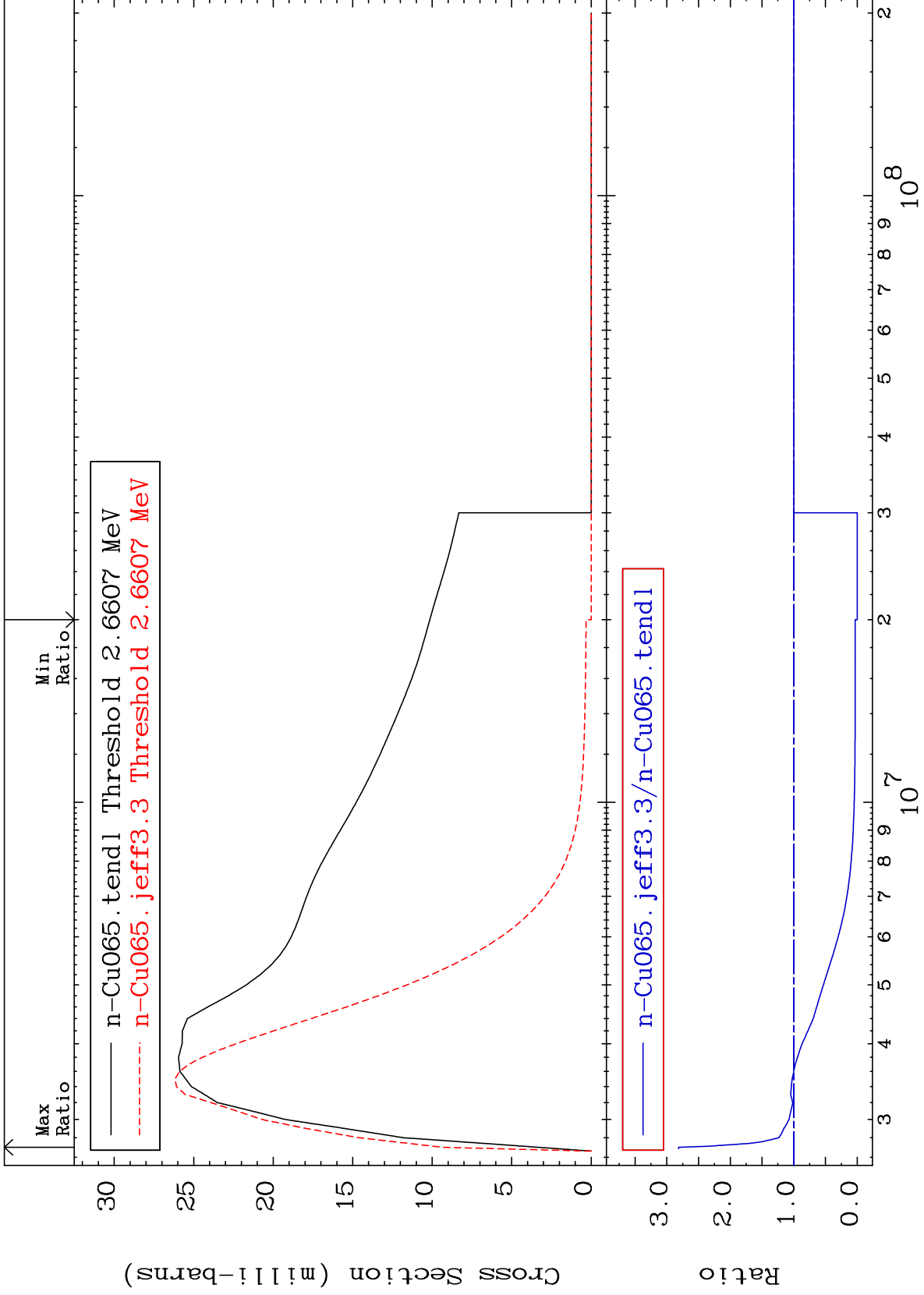
Incident Energy (eV)

29-Cu-65

MAT 2931

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

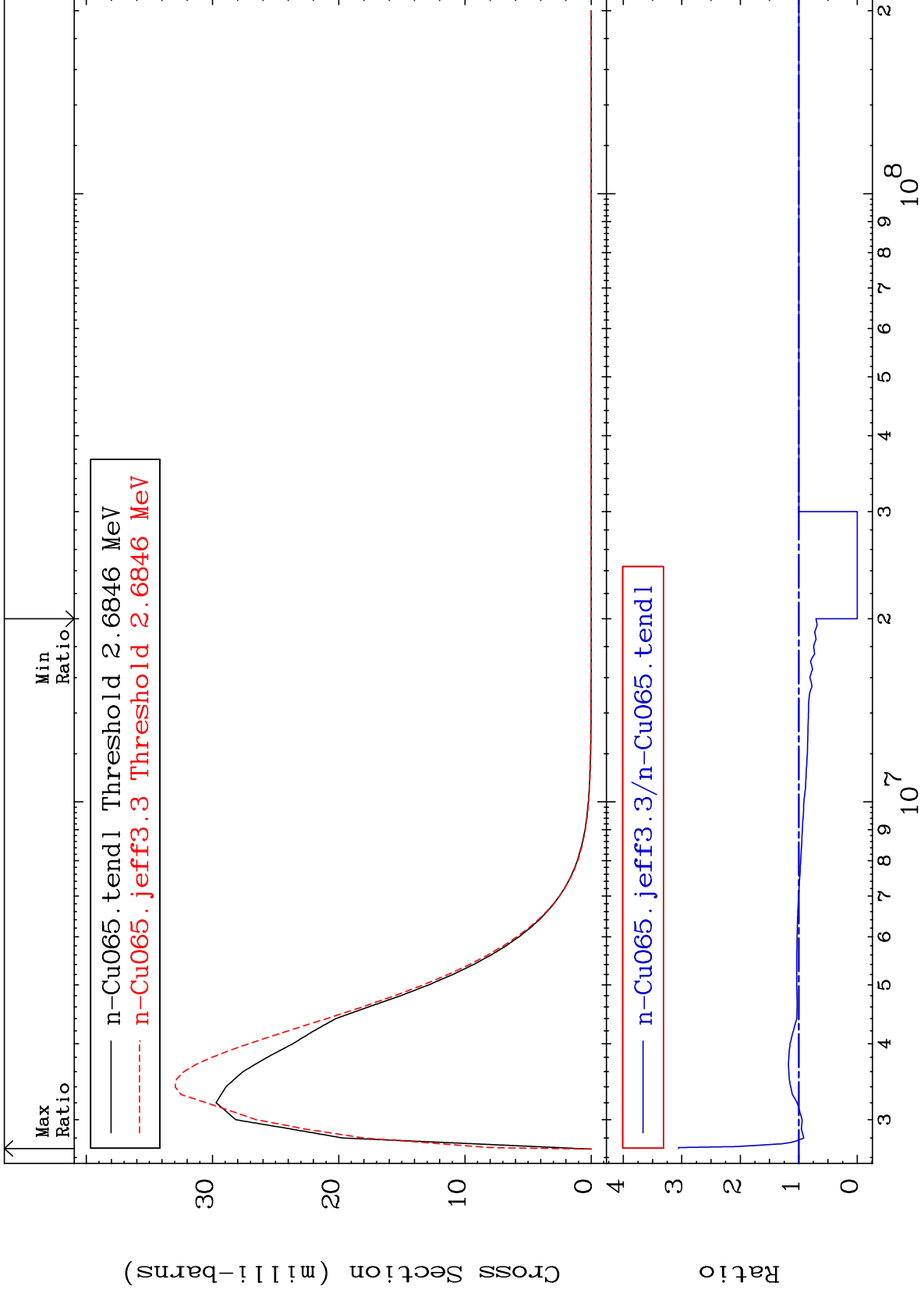
29-Cu-65  
-100.0 To 181.4 %



MAT 2931

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

29-Cu-65  
-100.0 To 205.4 %



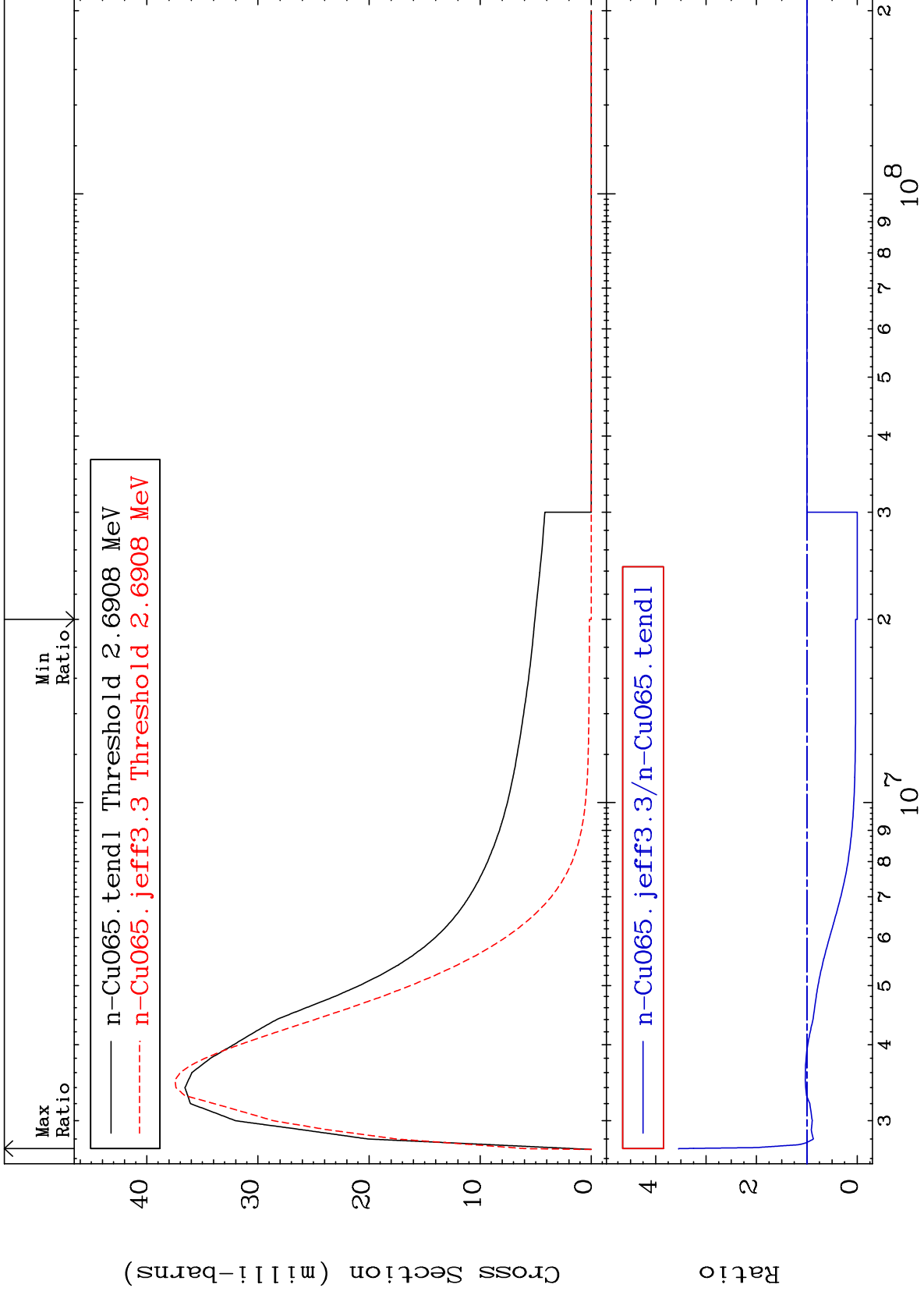
27

29-Cu-65

MAT 2931

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

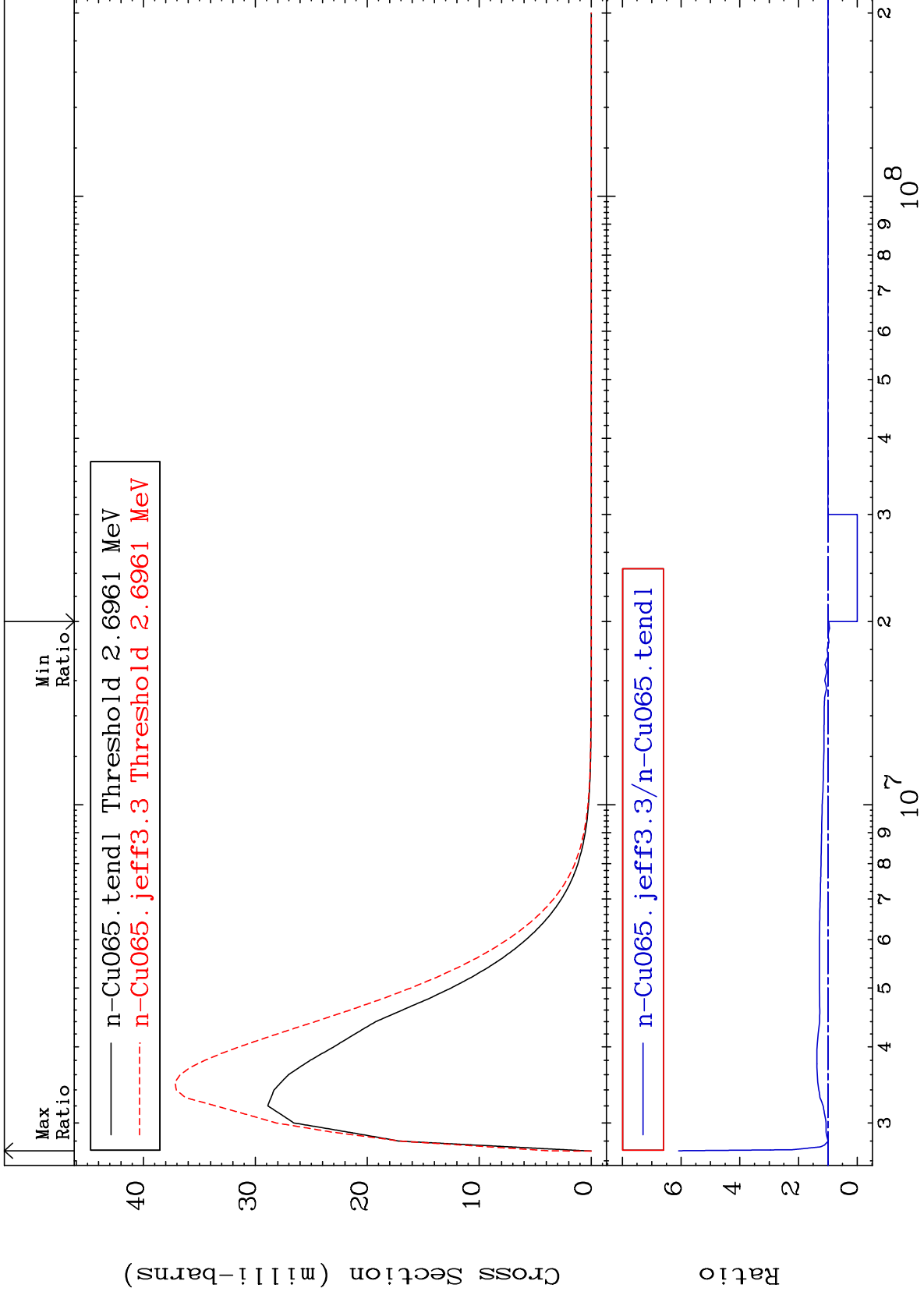
29-Cu-65  
-100.0 To 254.5 %



MAT 2931

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

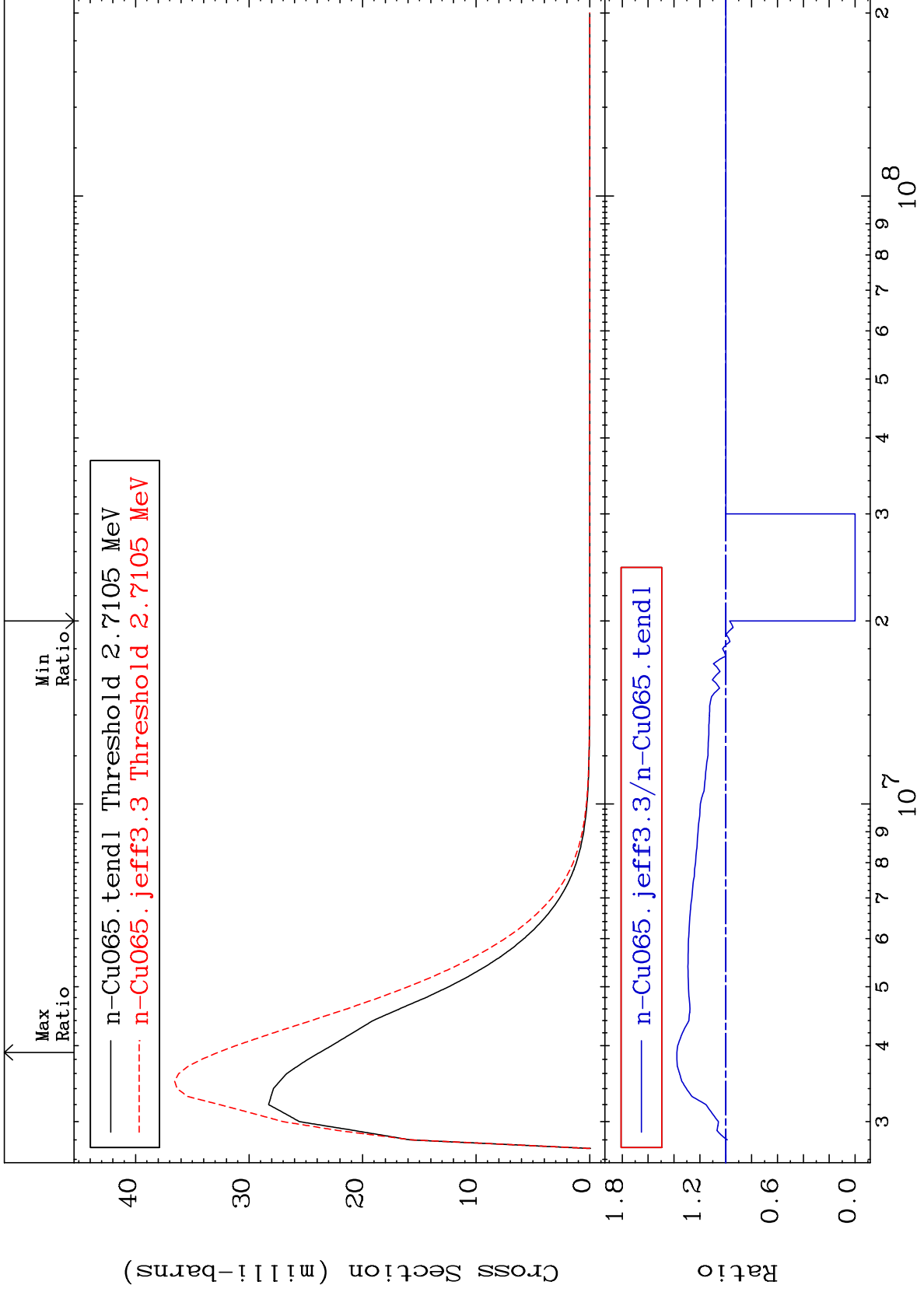
29-Cu-65  
-100.0 To 508.4 %



MAT 2931

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

29-Cu-65  
-100.0 To 37.74 %



30

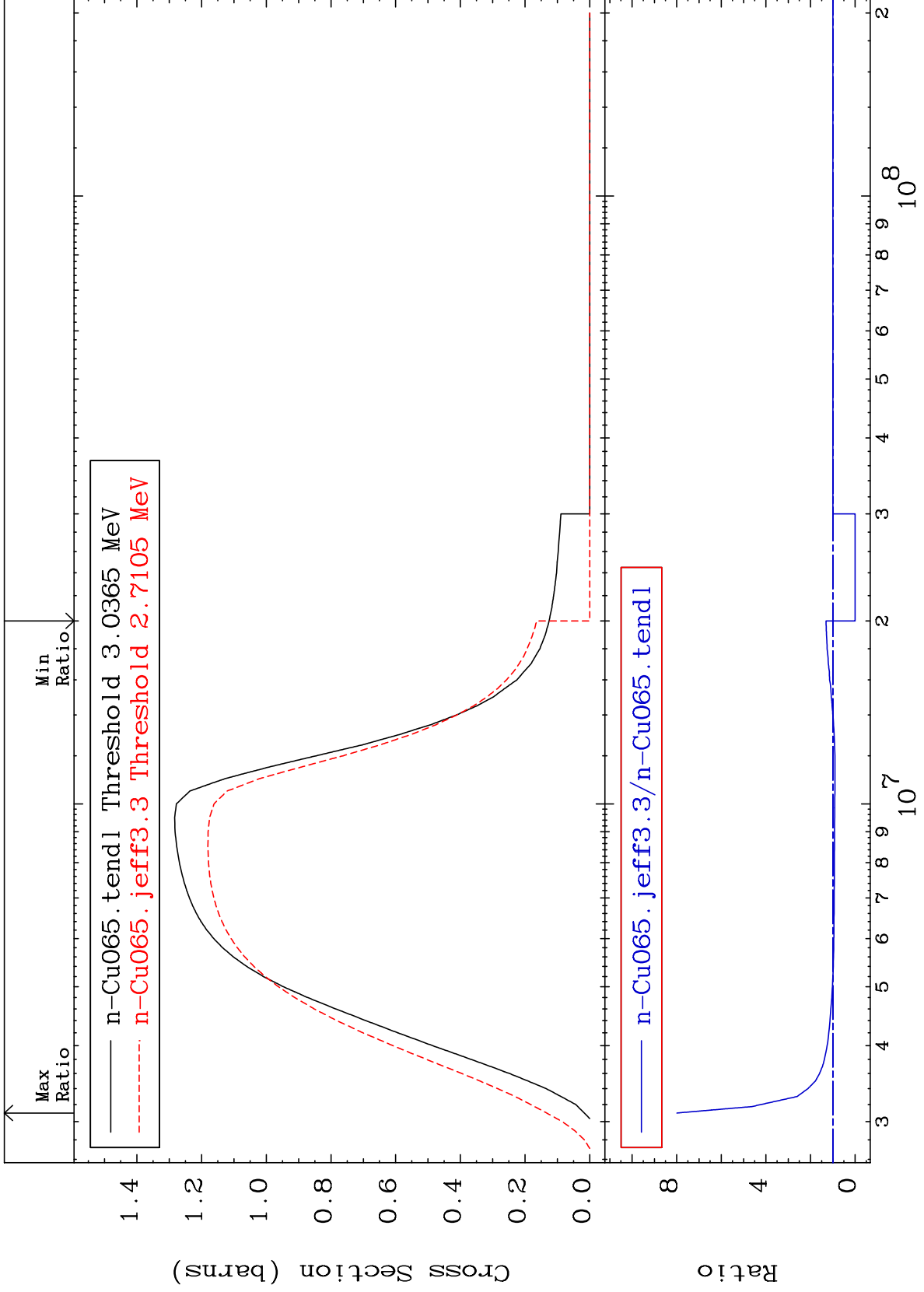
Incident Energy (eV)

29-Cu-65

MAT 2931

(n, n') Continuum  
Cross Section

29-Cu-65  
-100.0 To 699.0 %



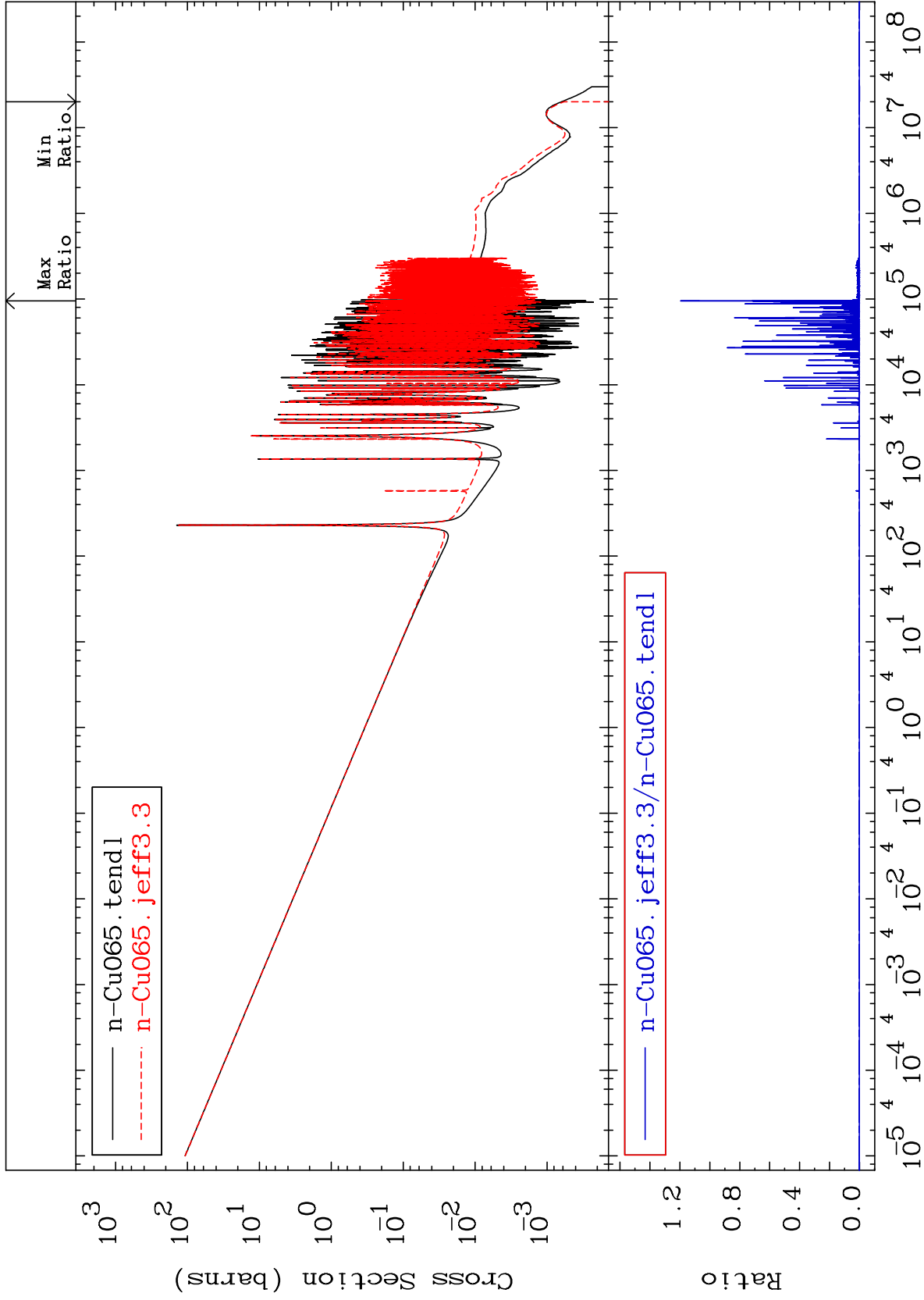
MAT 2931

(n,  $\gamma$ )

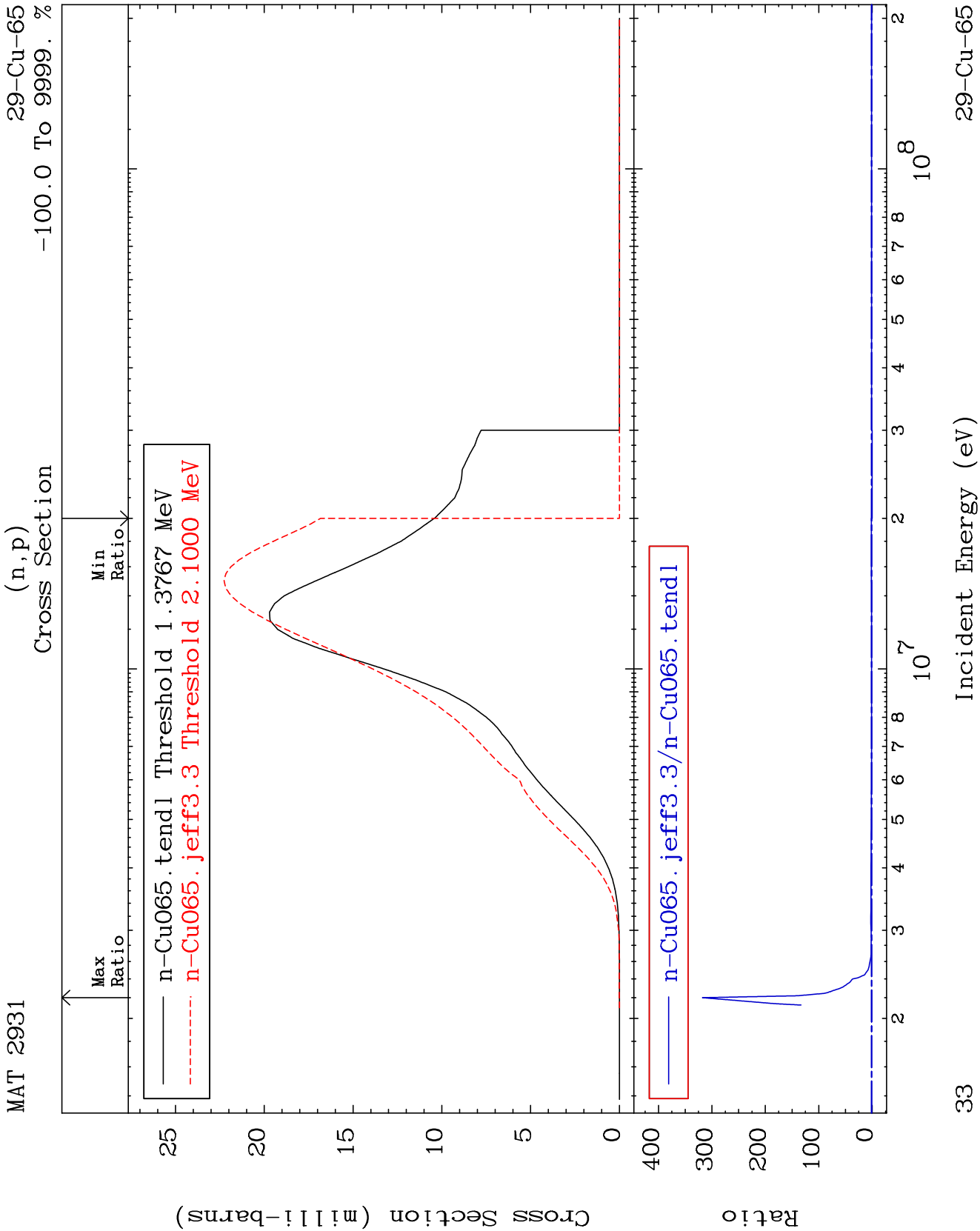
29-Cu-65

Cross Section

-100.0 To 9999. %







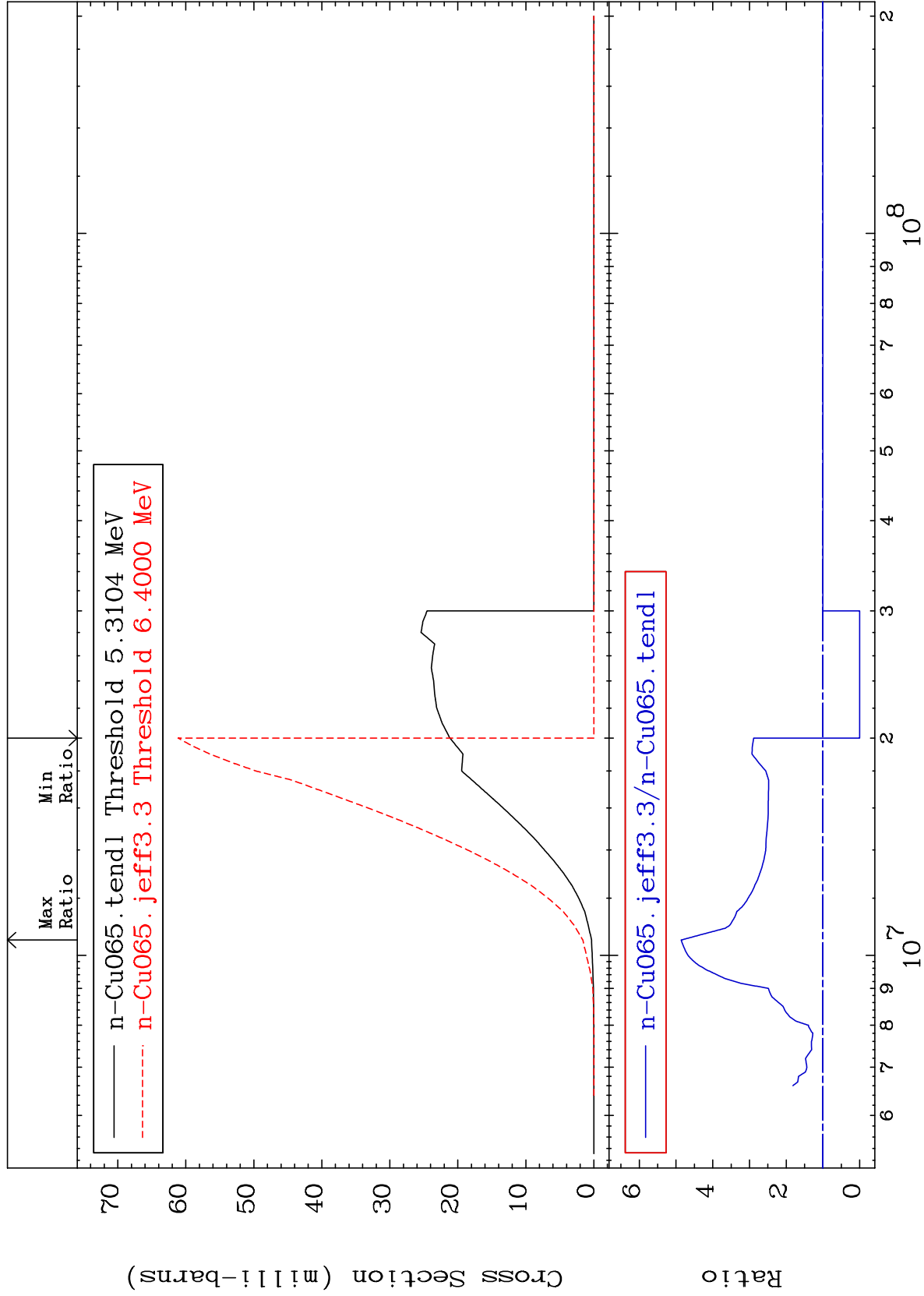
MAT 2931

(n, d)

<sup>29</sup>-Cu-65

Cross Section

-100.0 To 386.0 %



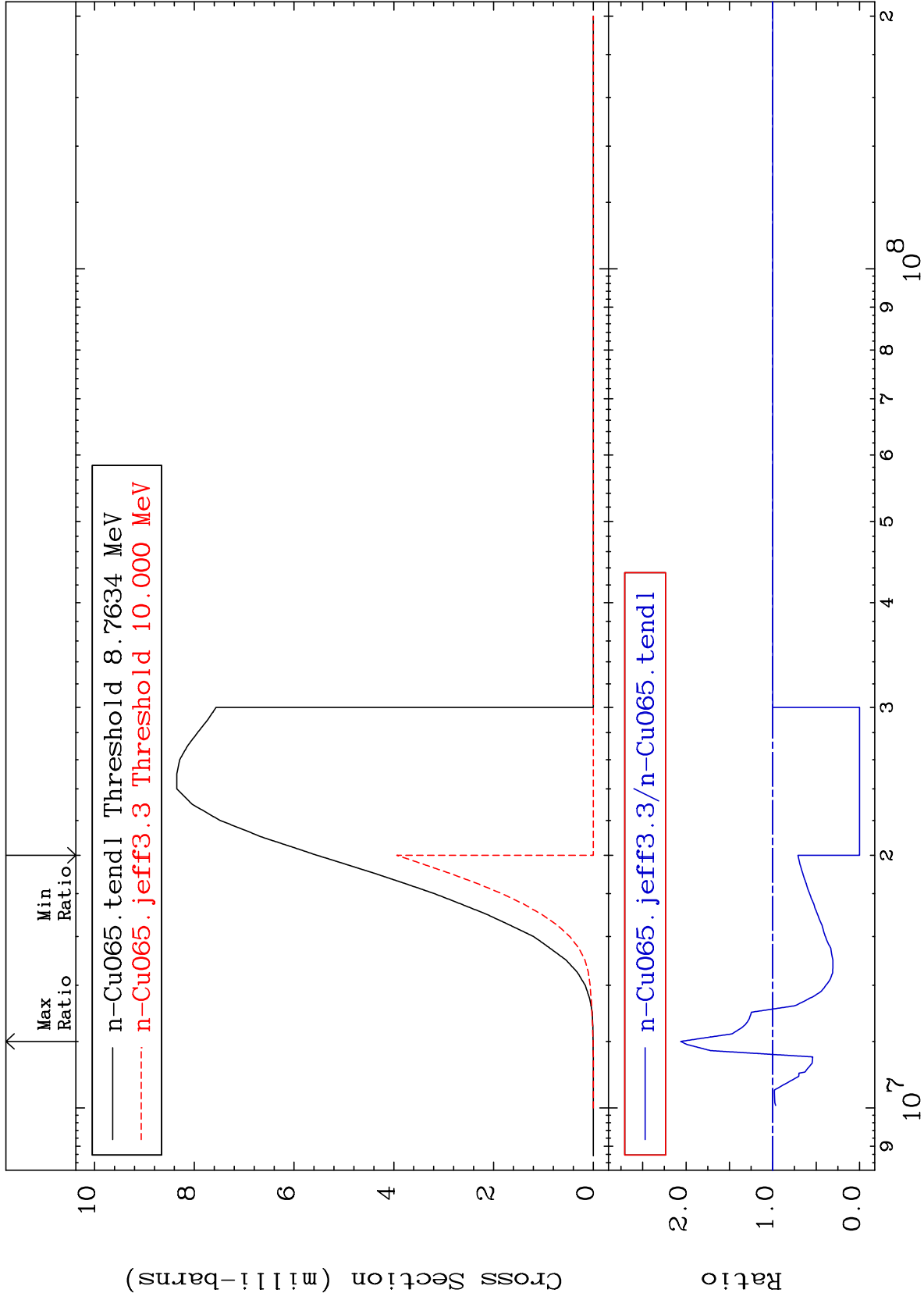
MAT 2931

(n, t)

<sup>29</sup>Cu-65

Cross Section

-100.0 To 106.1 %



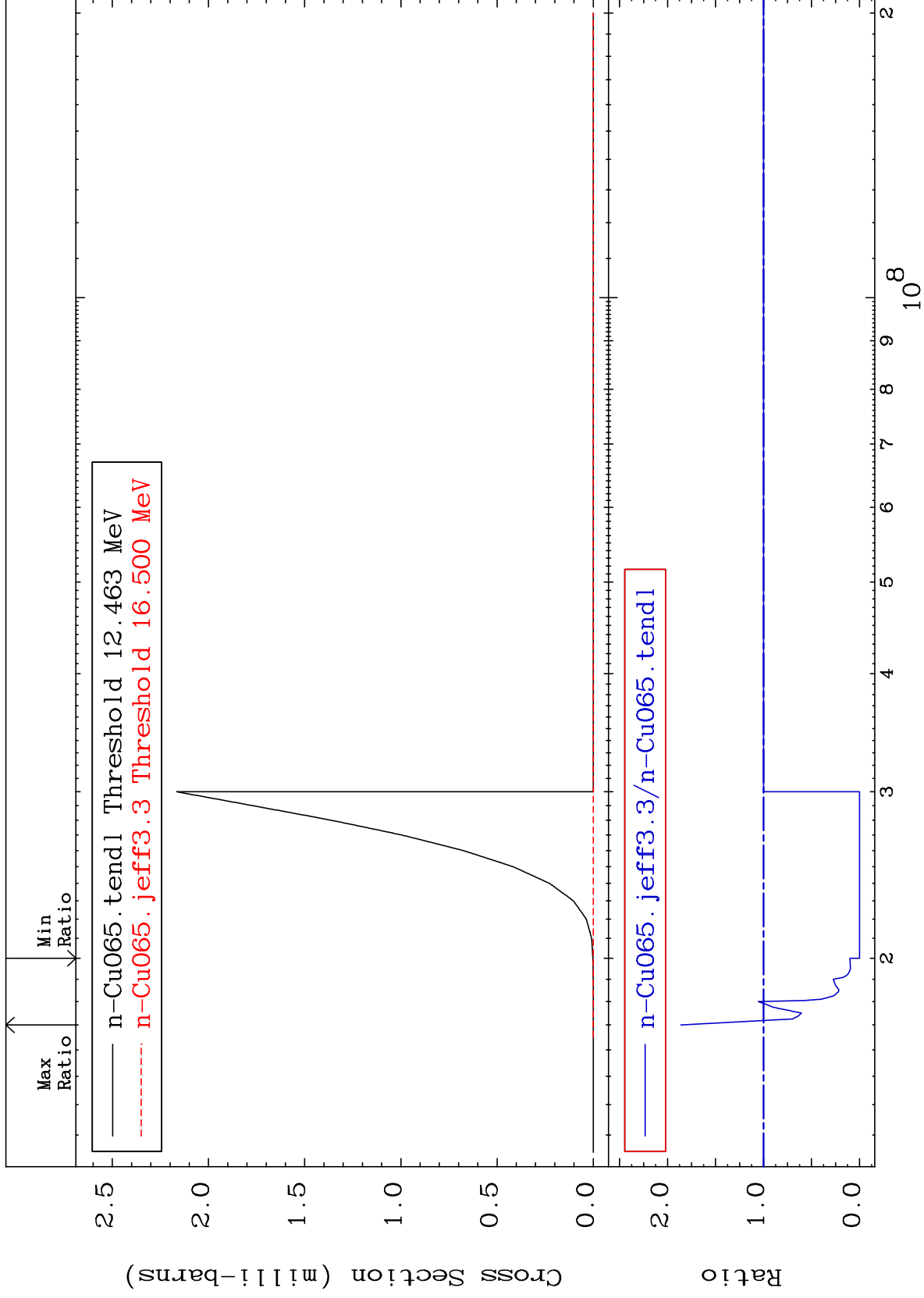
MAT 2931

(n, He-3)

<sup>29</sup>-Cu-65

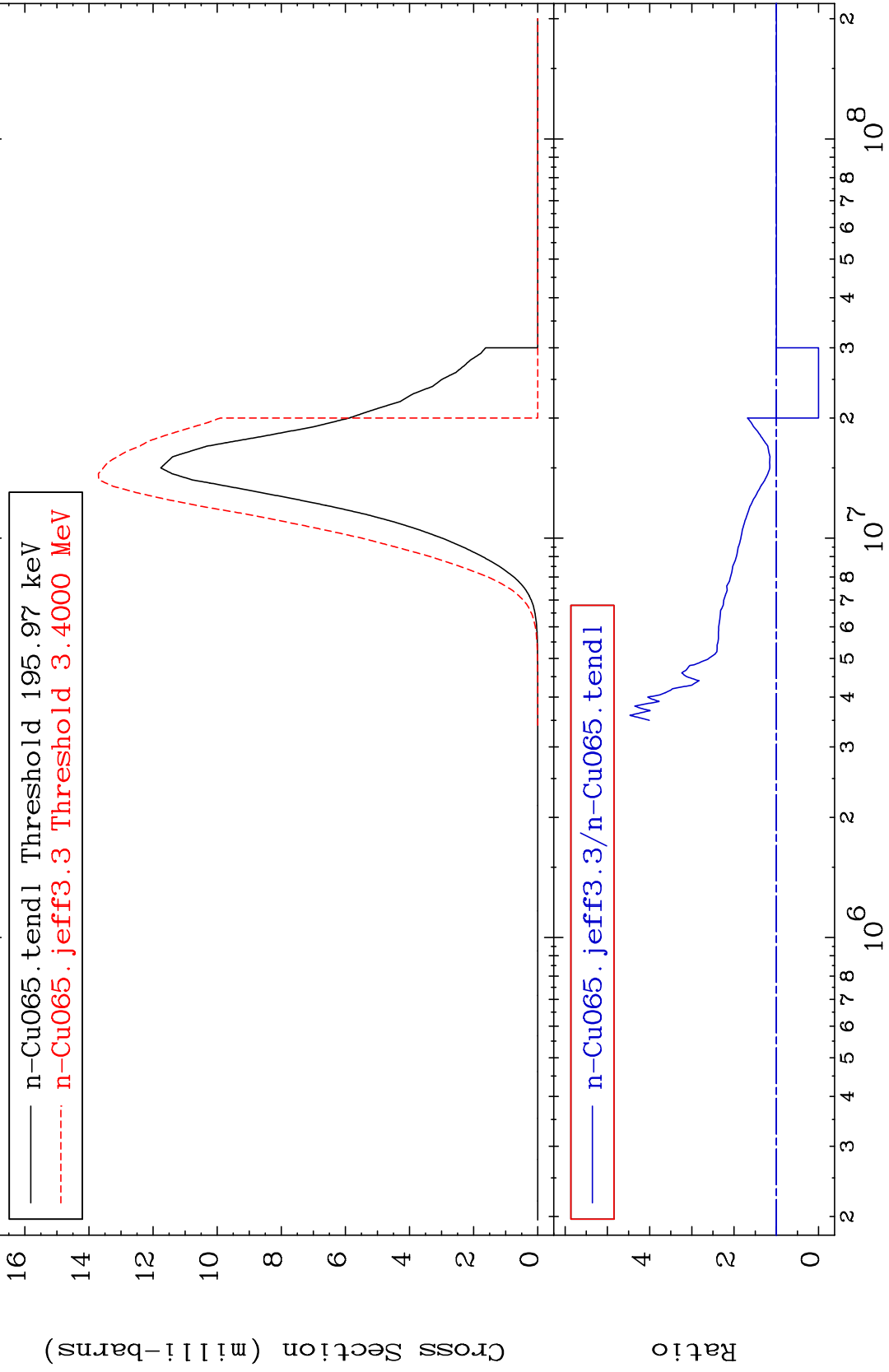
Cross Section

-100.0 To 86.24 %



MAT 2931

(n,  $\alpha$ )  
Cross Section  
-100.0 To 346.6 %  
29-Cu-65



37

Incident Energy (eV)

29-Cu-65

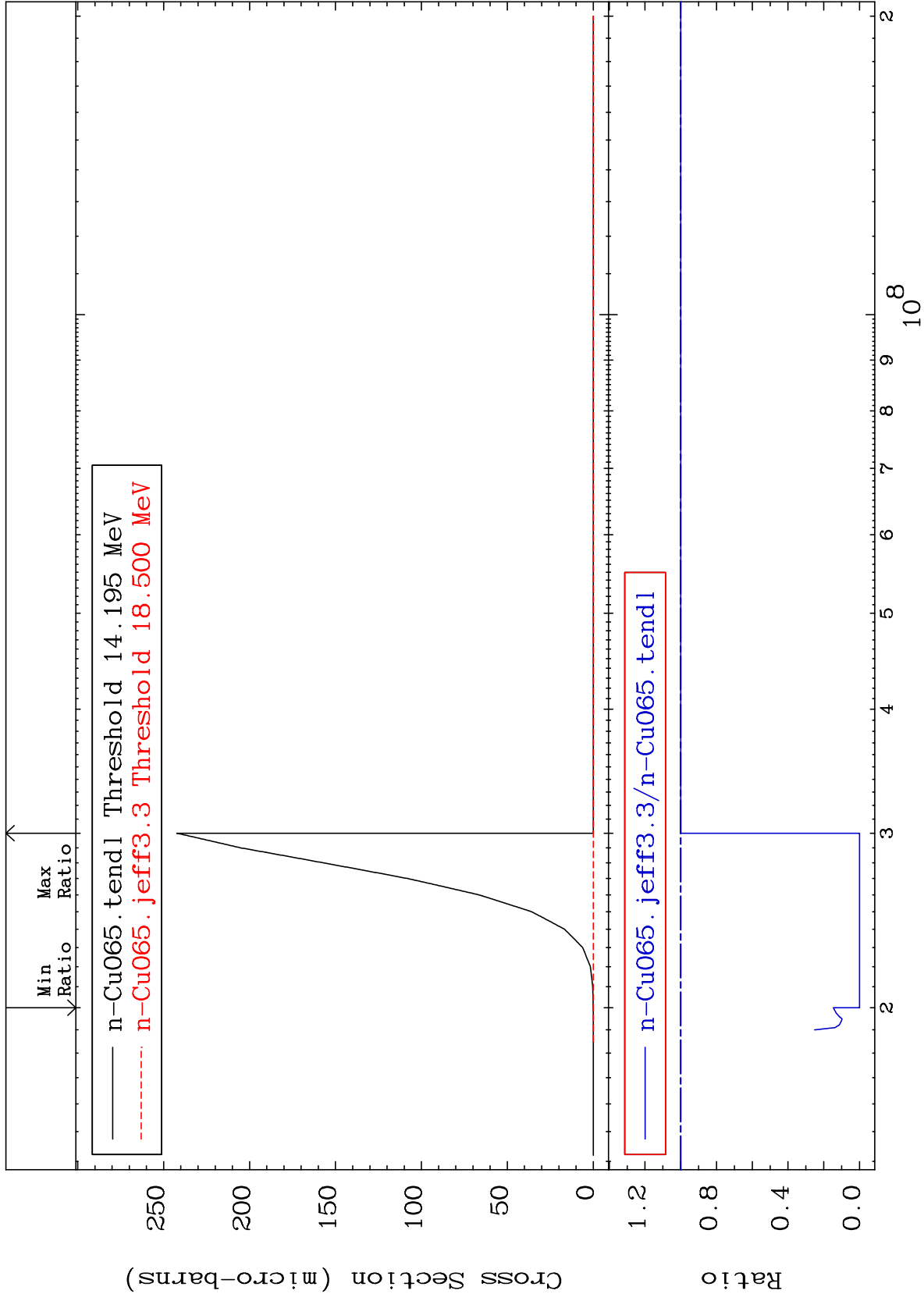
MAT 2931

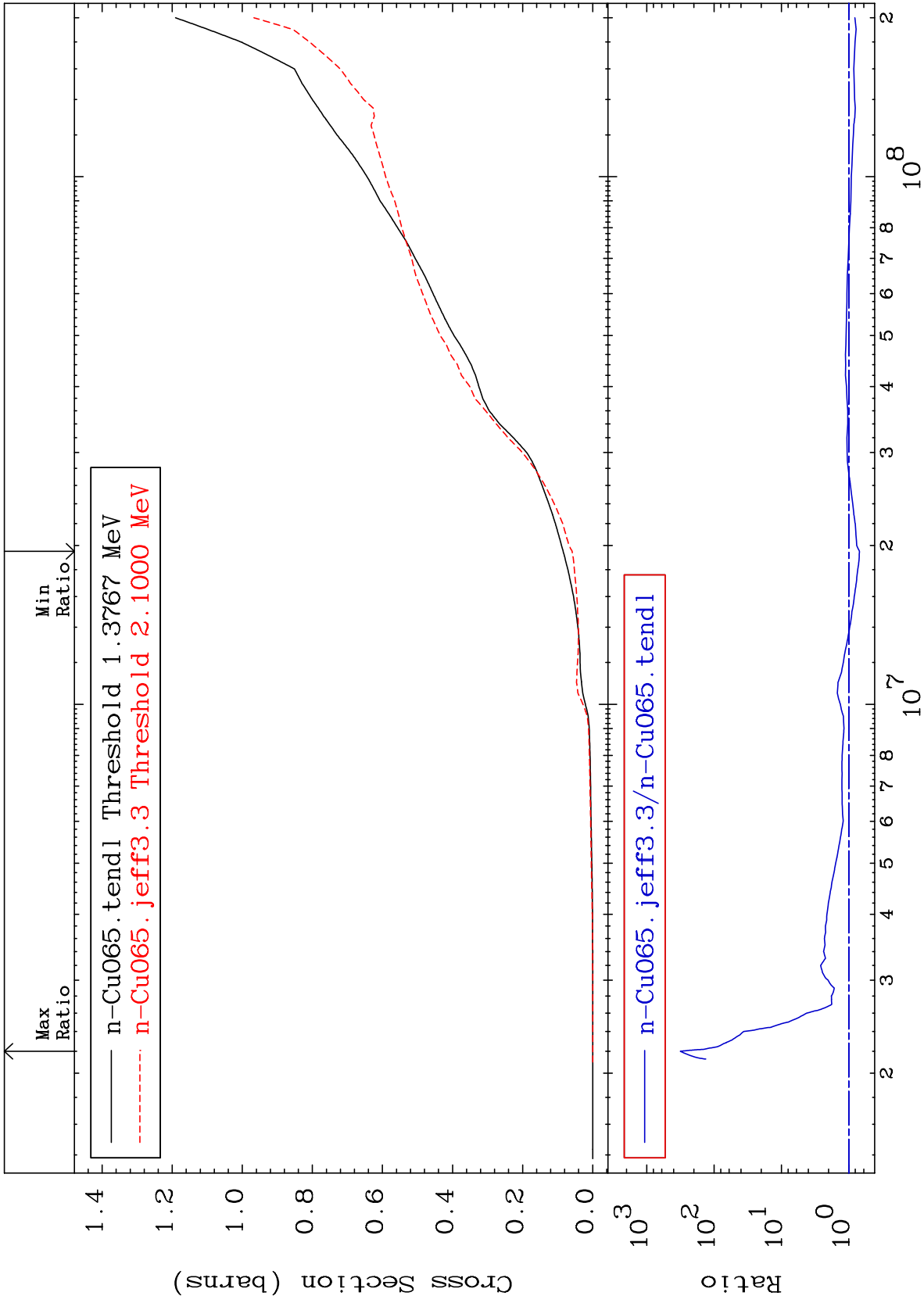
(n,2p)

<sup>29</sup>Cu-65

Cross Section

-100.0 To 0.000 %

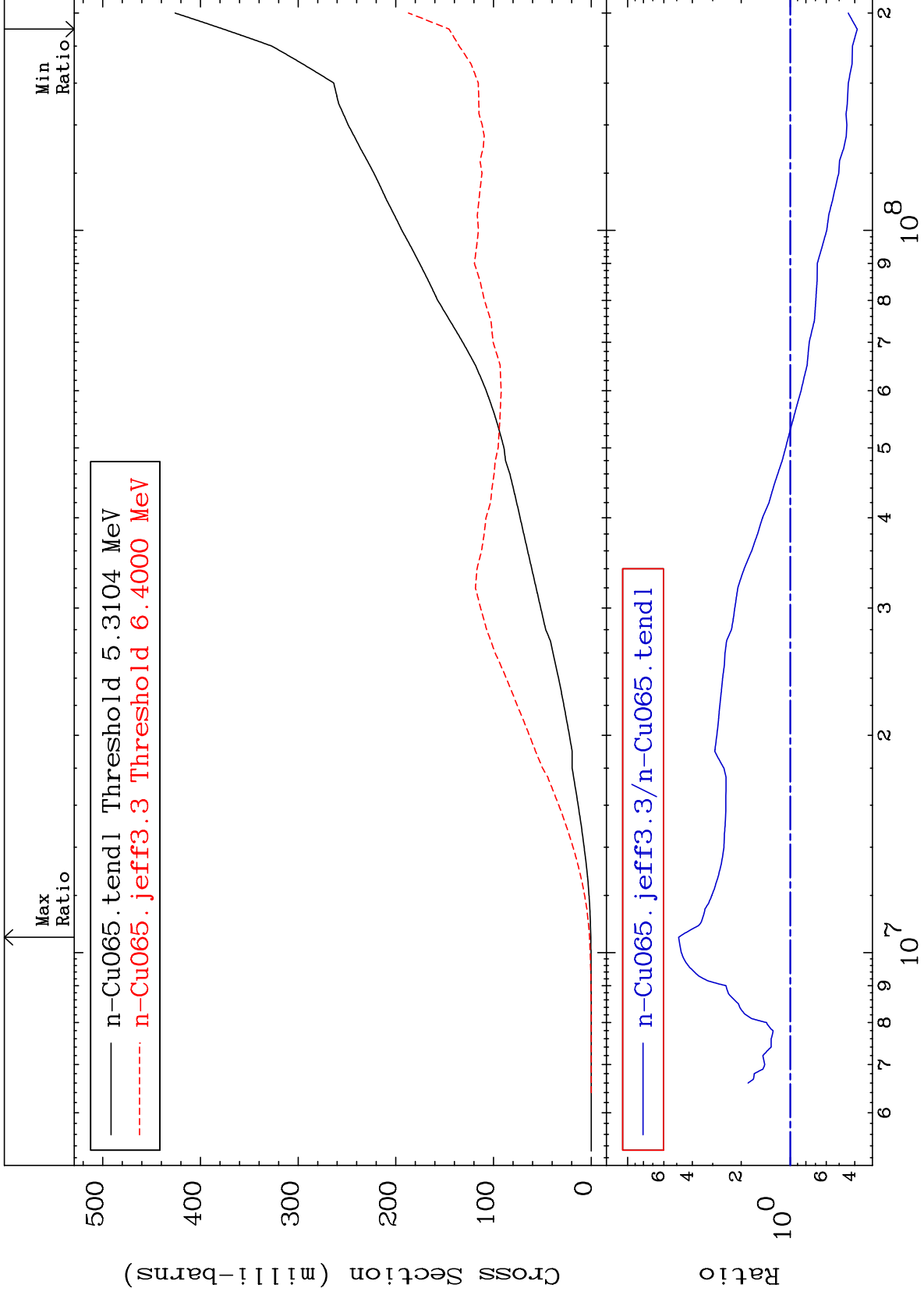




MAT 2931

Deuterium Production  
Cross Section

<sup>29</sup>-Cu-65  
-61.35 To 386.0 %

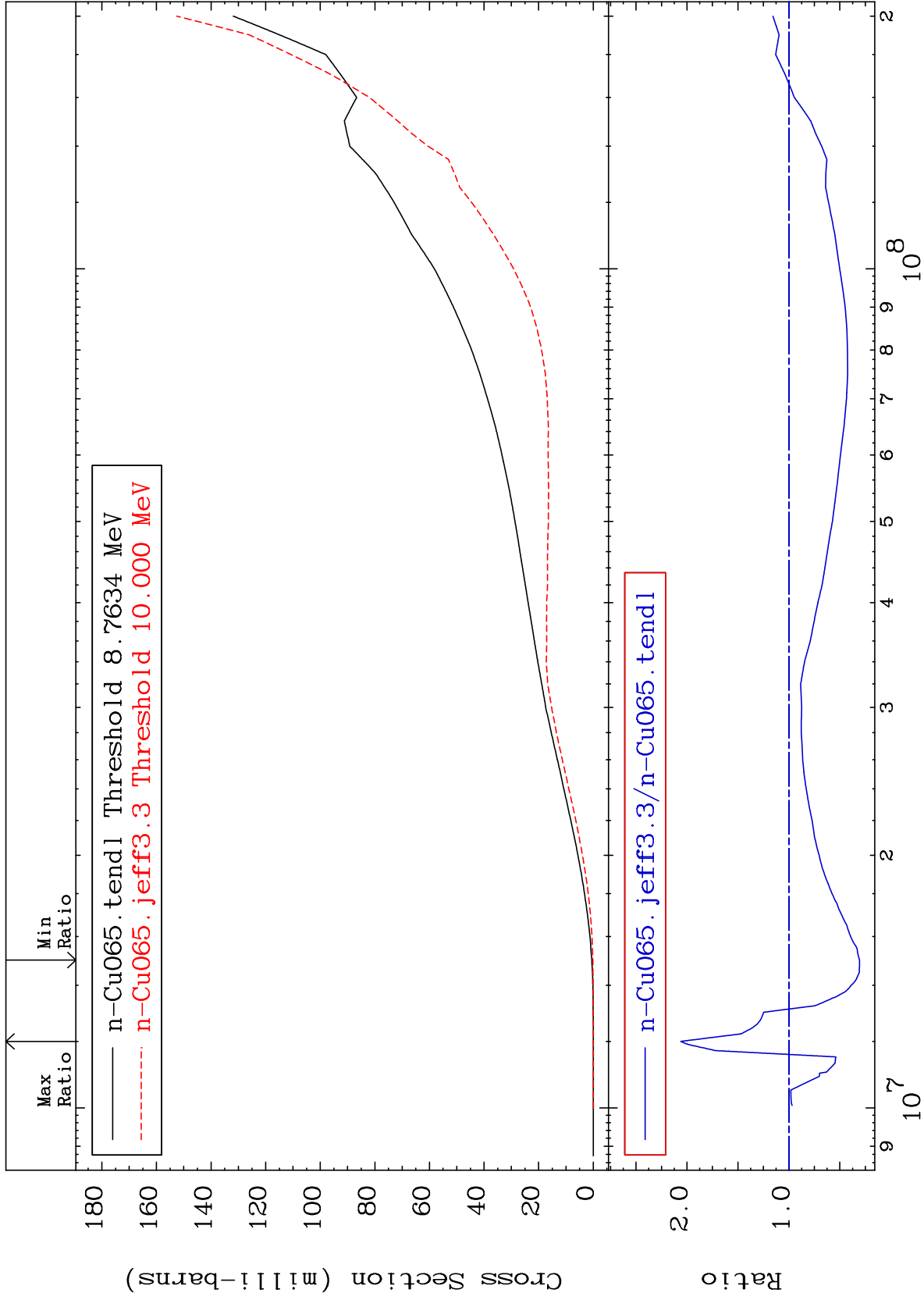


40

Incident Energy (eV)

<sup>29</sup>-Cu-65

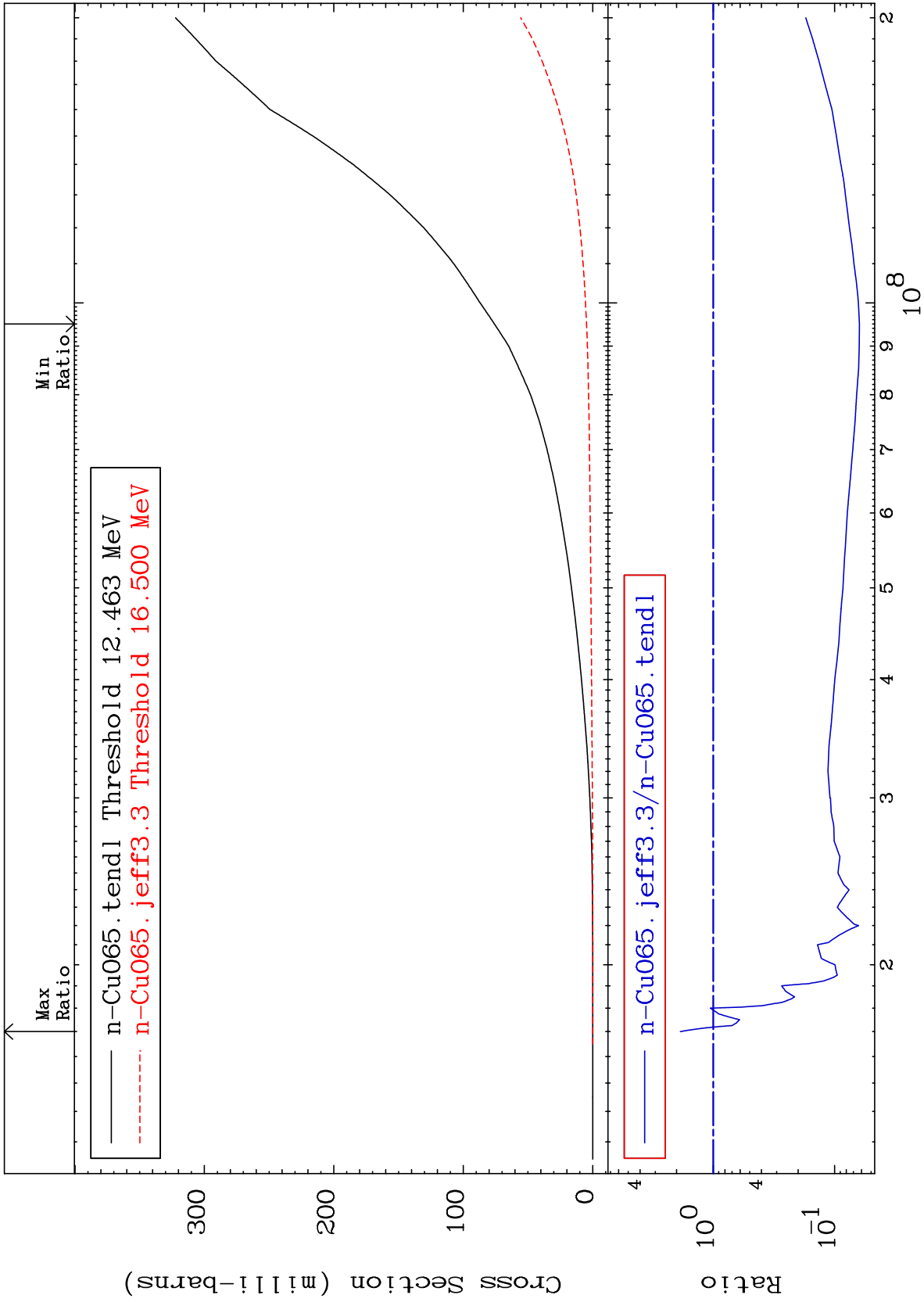




MAT 2931

He-3 Production  
Cross Section

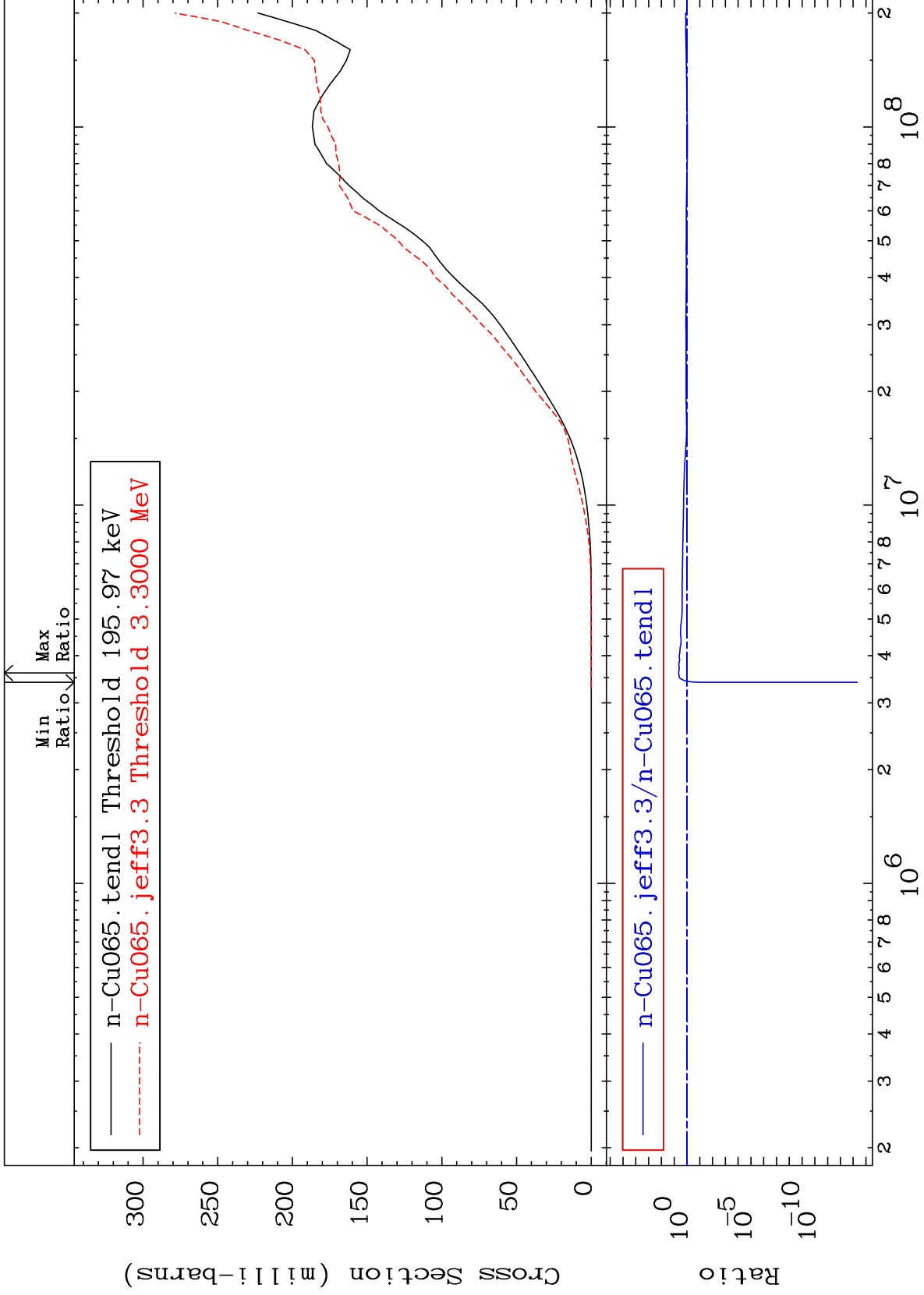
<sup>29</sup>-Cu-65  
-93.75 To 86.24 %



MAT 2931

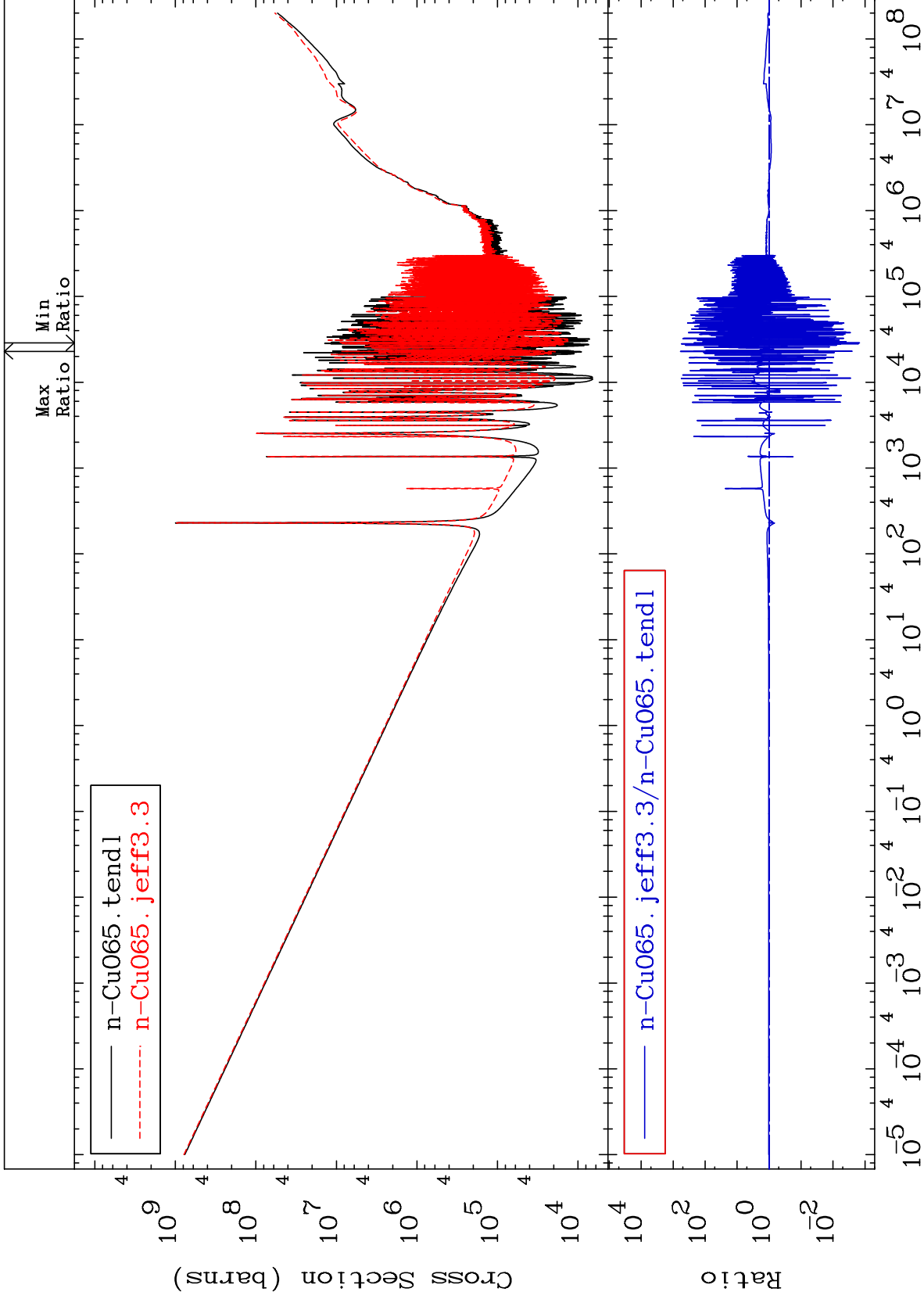
He-4 Production  
Cross Section

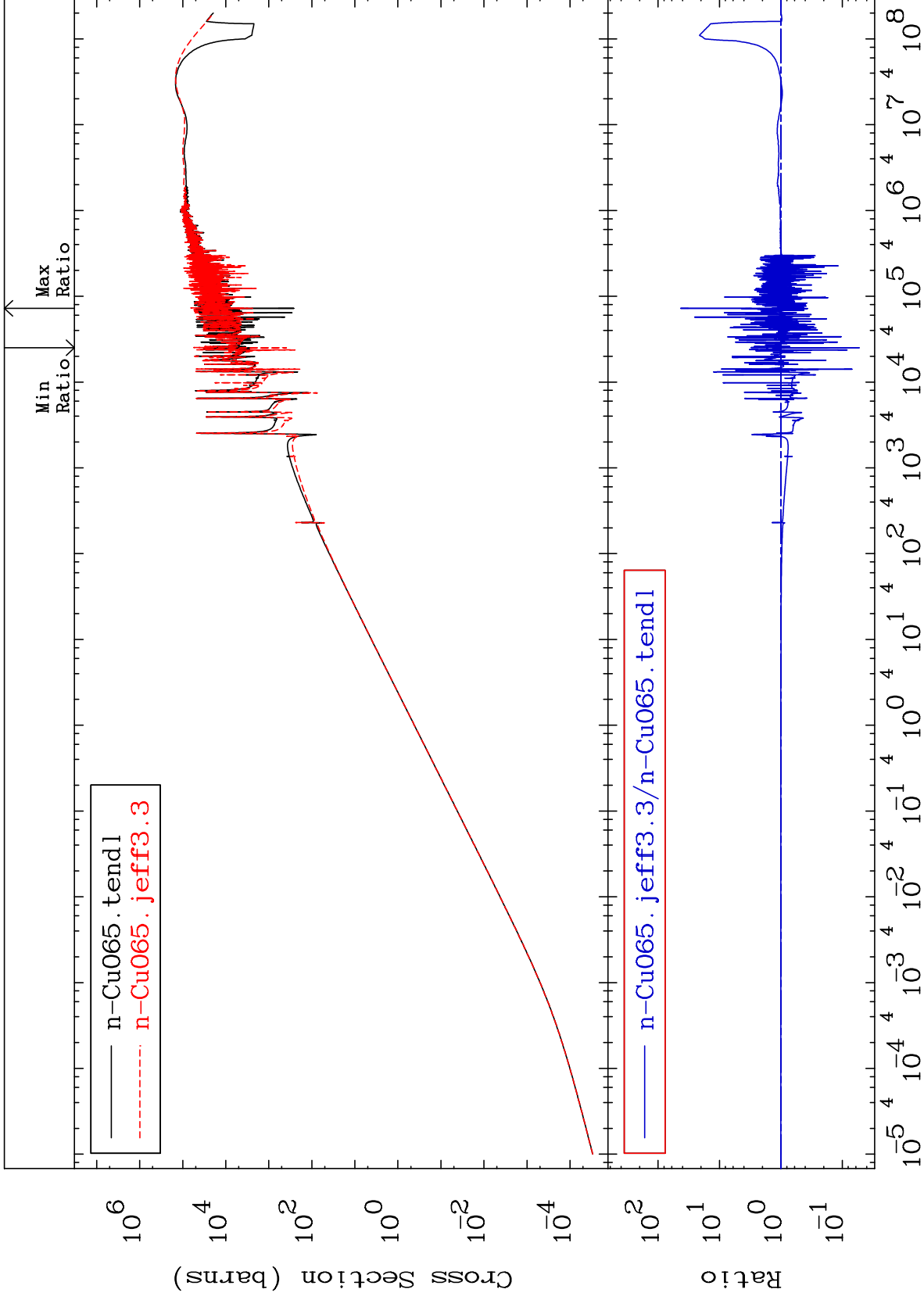
29-Cu-65  
-100.0 To 346.6 %



Cross Section

-99.85 To 9999. %

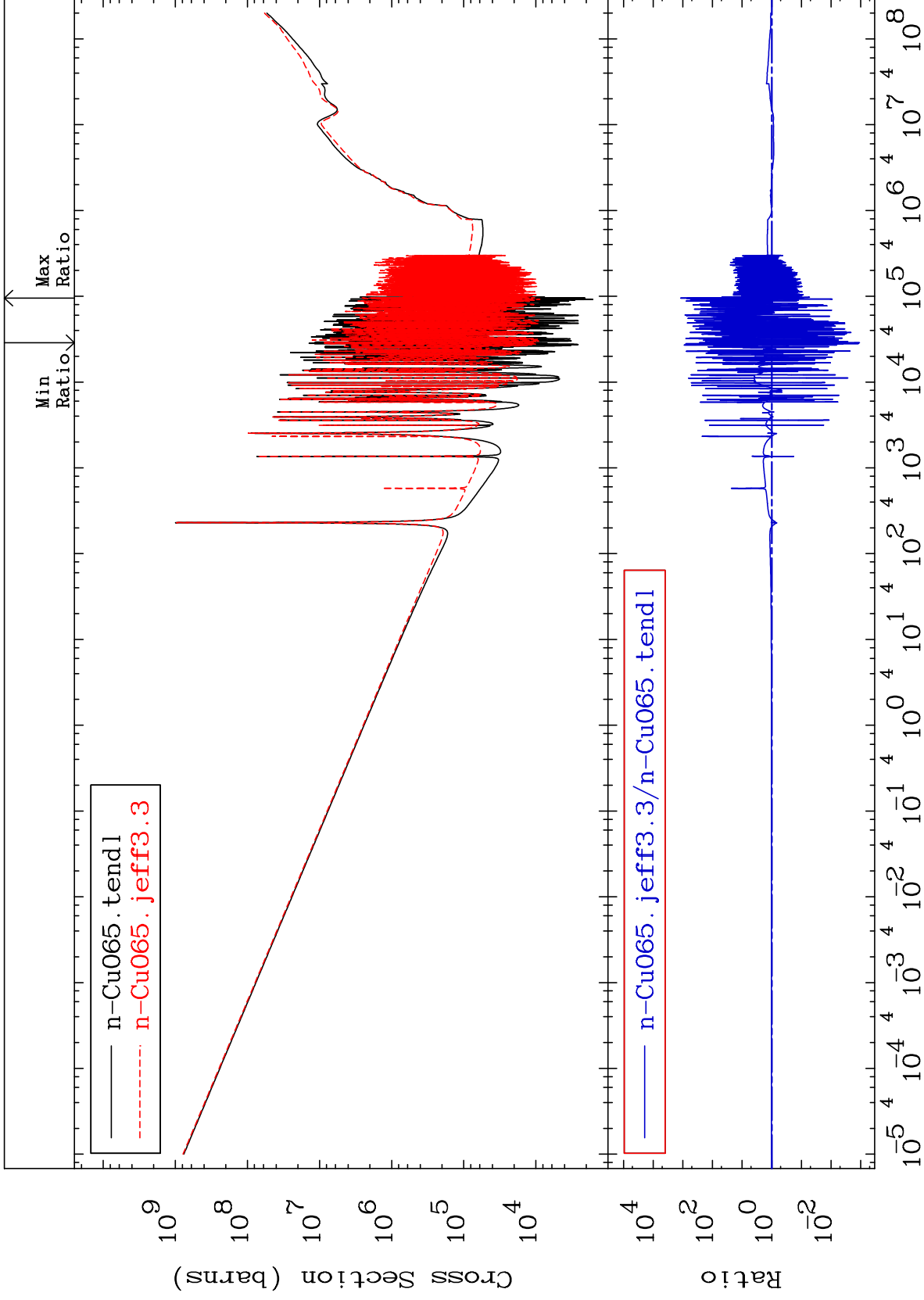




MAT 2931

Kerma non-elastic (all but mt2)  
Cross Section

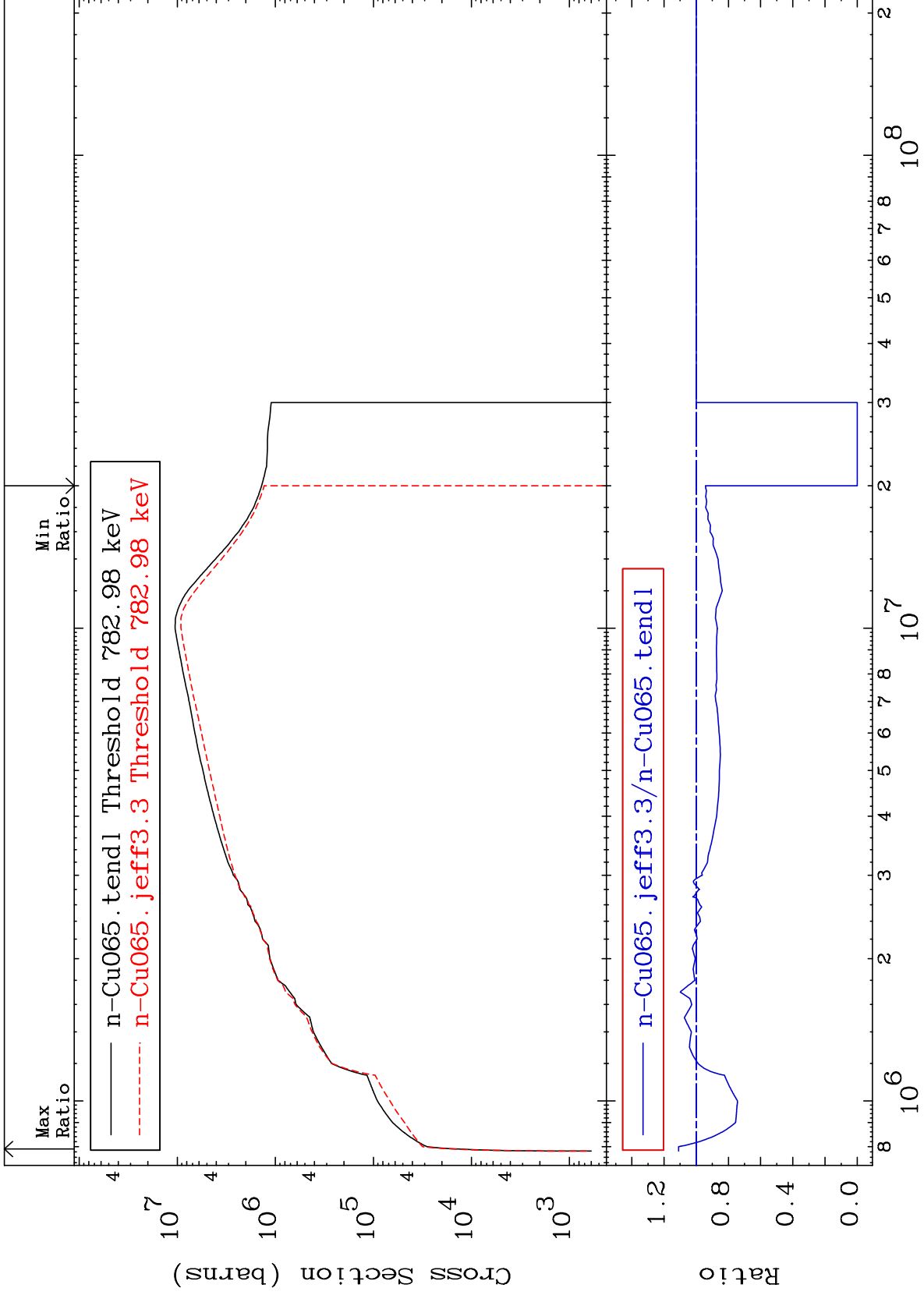
29-Cu-65  
-99.89 To 9999. %



MAT 2931

Kerma inelastic (mt51-91)  
Cross Section

29-Cu-65  
-100.0 To 10.93 %



47

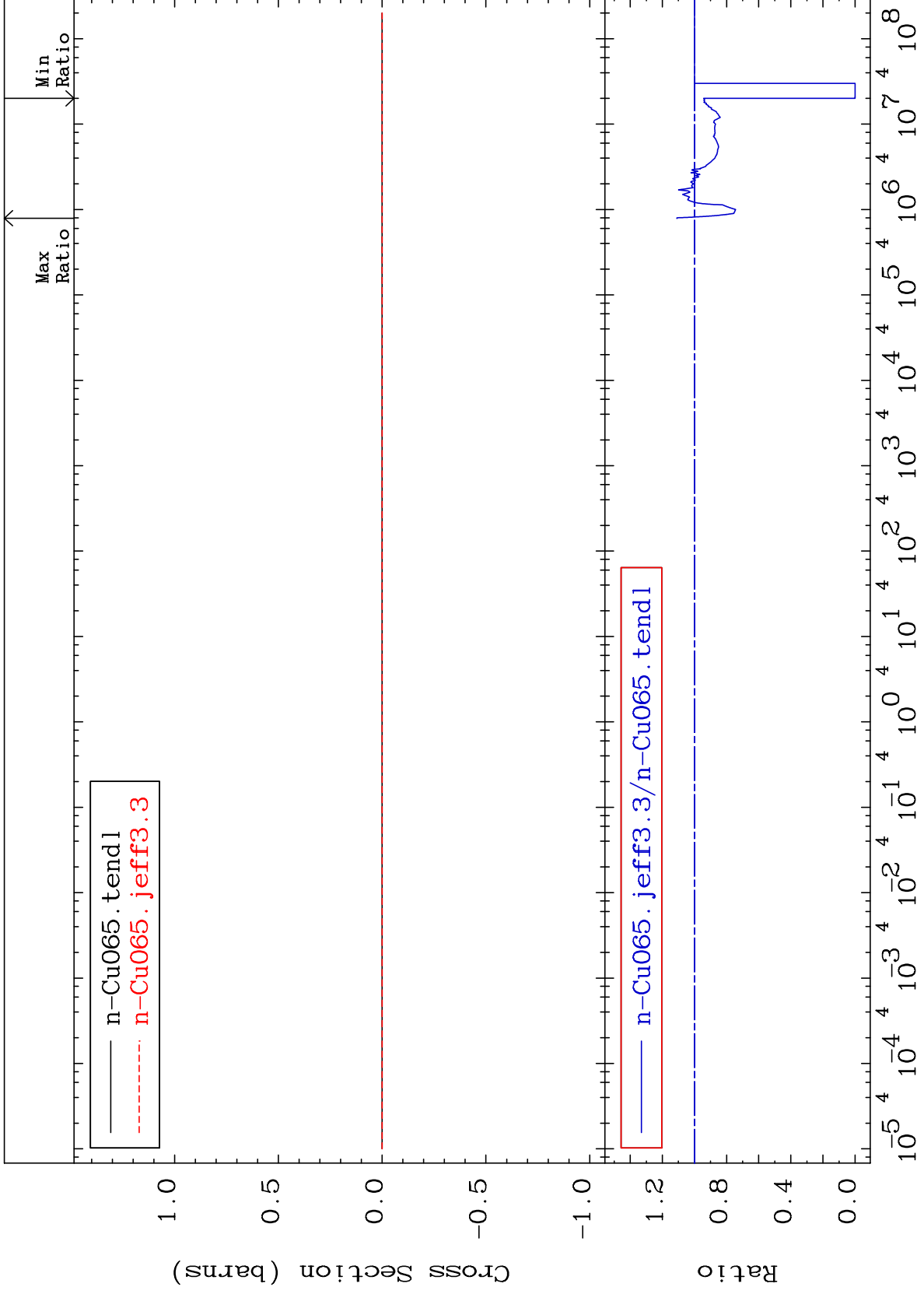
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

29-Cu-65  
-100.0 To 10.93 %

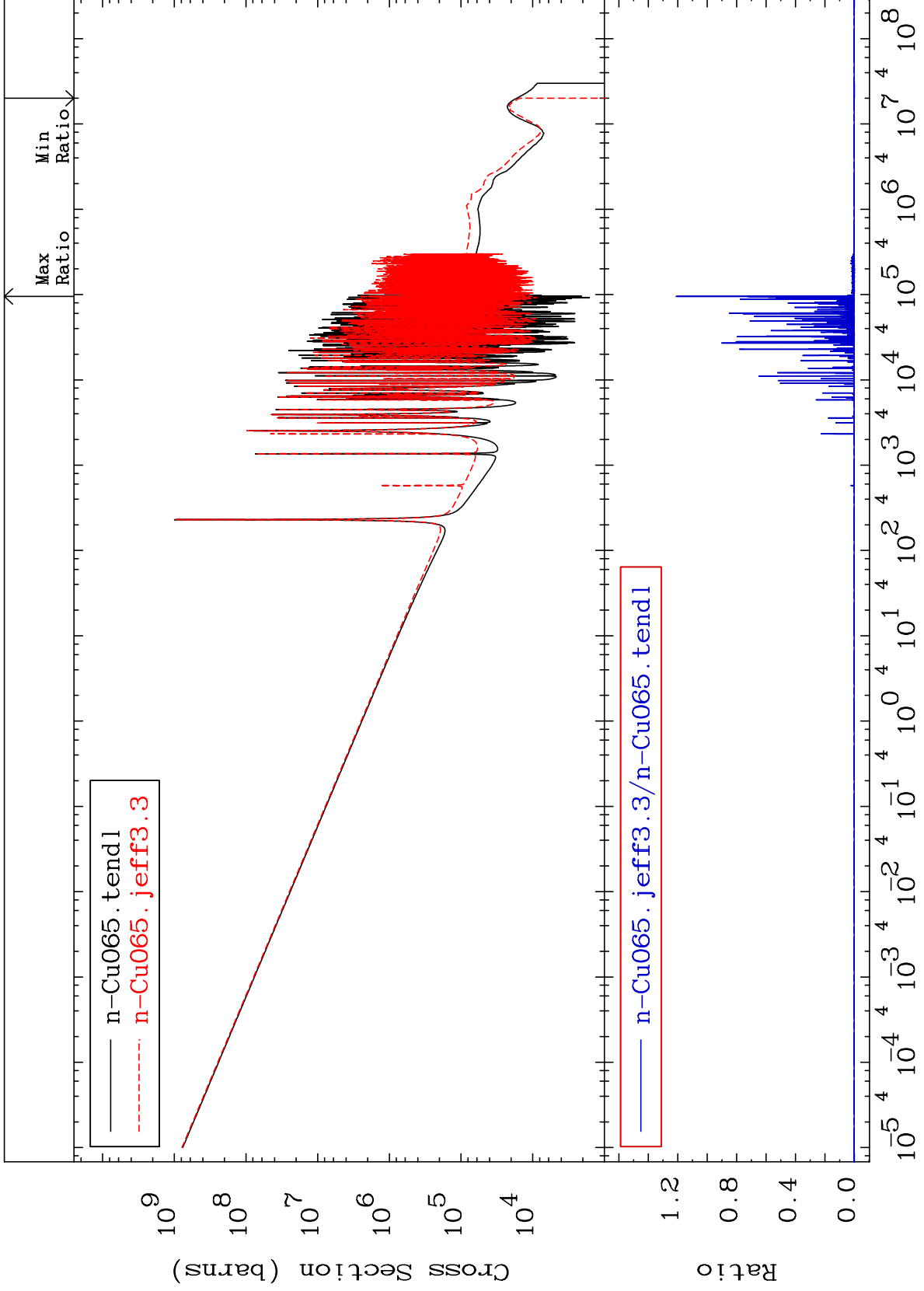




MAT 2931

Kerma capture (mt102)  
Cross Section

29-Cu-65  
-100.0 To 9999. %



49

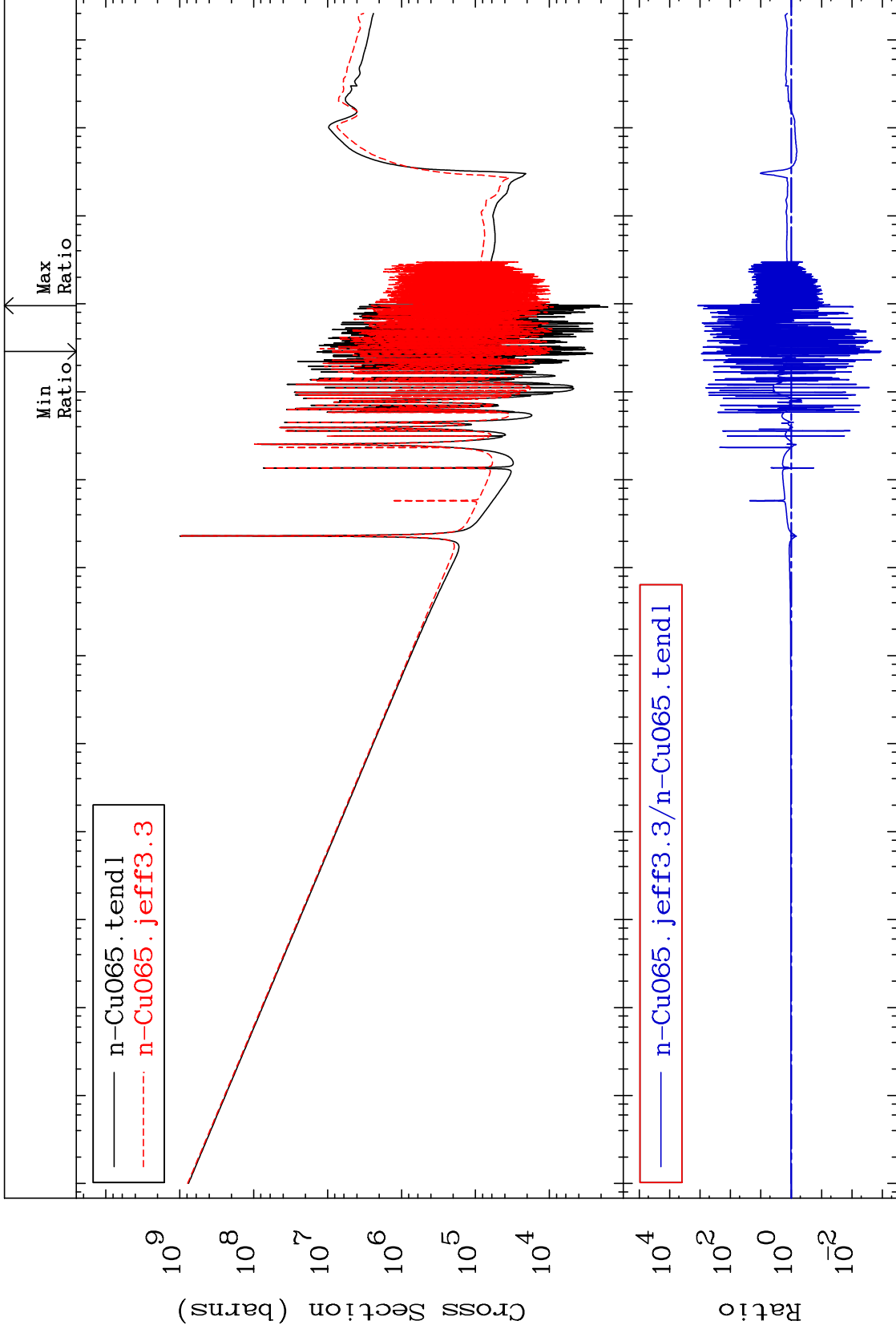
Incident Energy (eV)

29-Cu-65

MAT 2931

Total photon (eV-barns)  
Cross Section

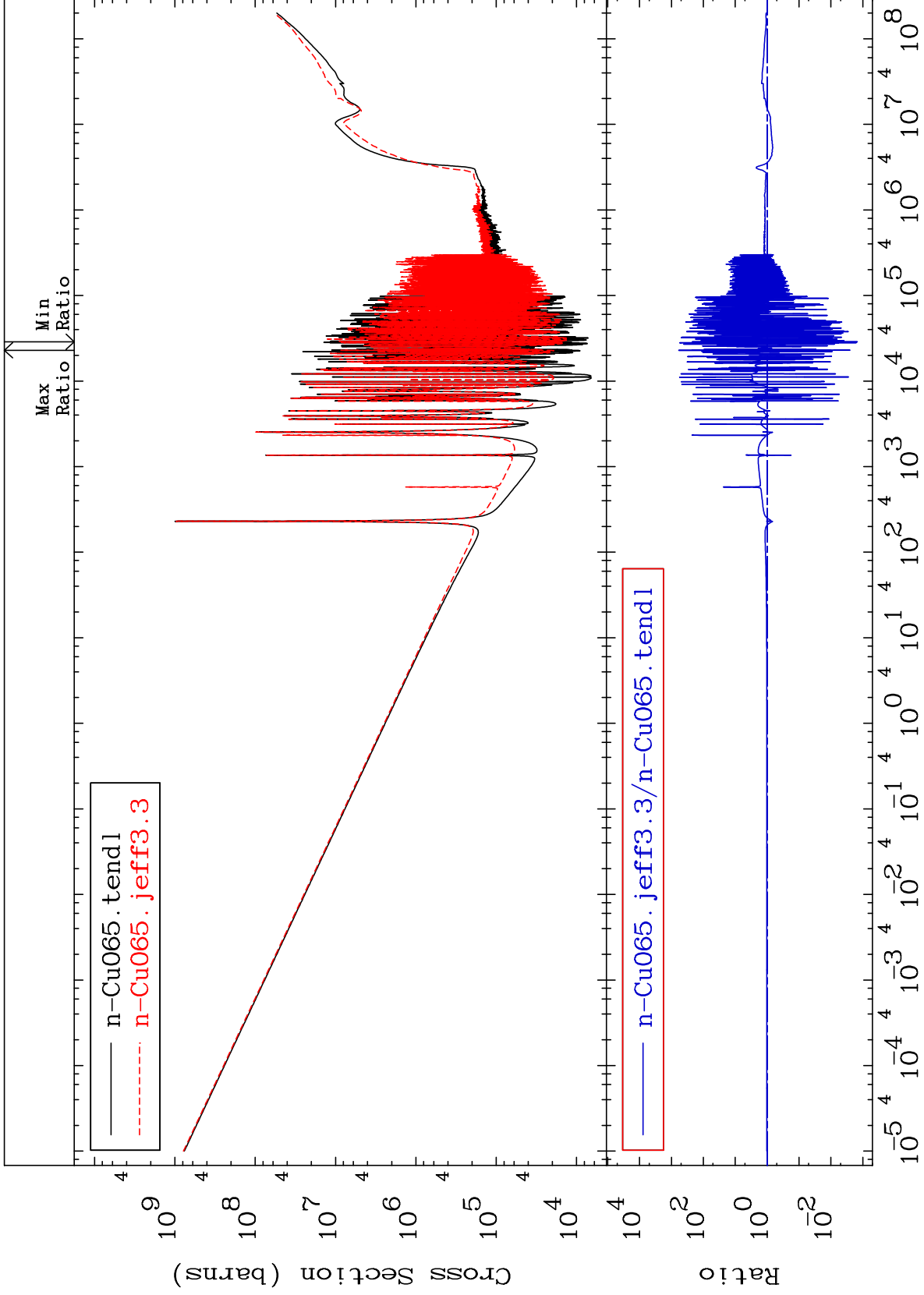
29-Cu-65  
-99.89 To 9999. %

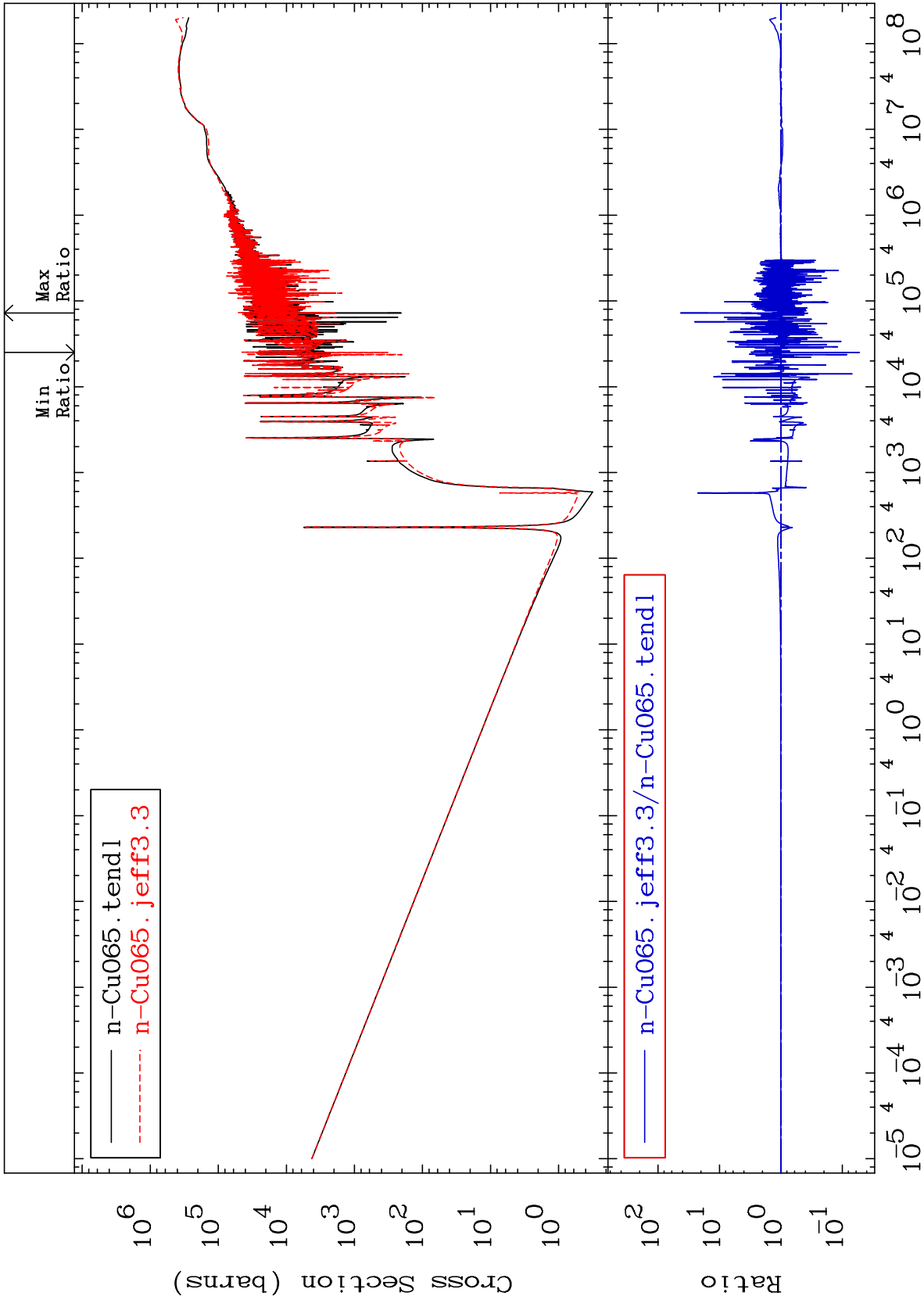


50

Incident Energy (eV)

29-Cu-65

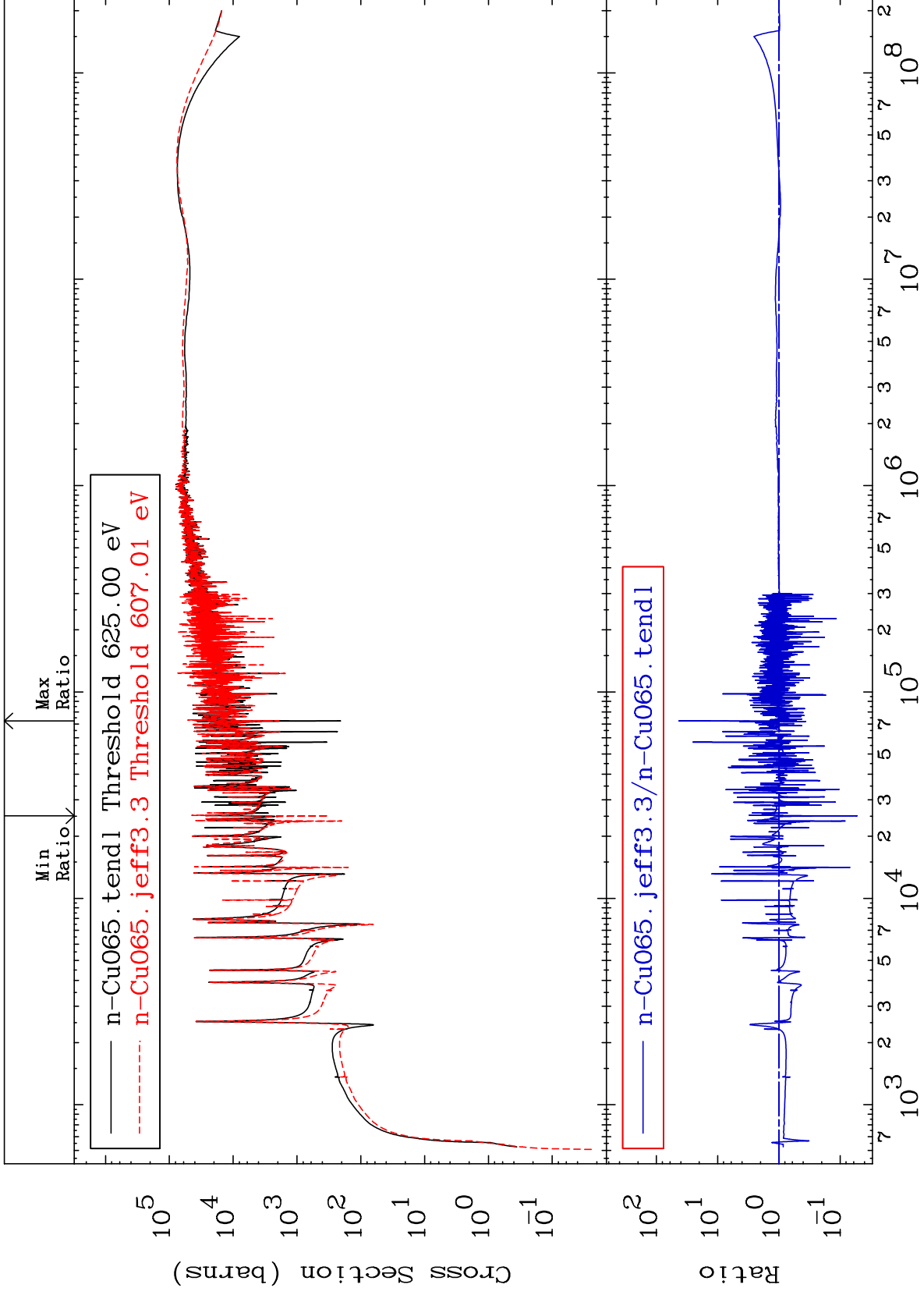




MAT 2931

Dpa elastic (mt2)  
Cross Section

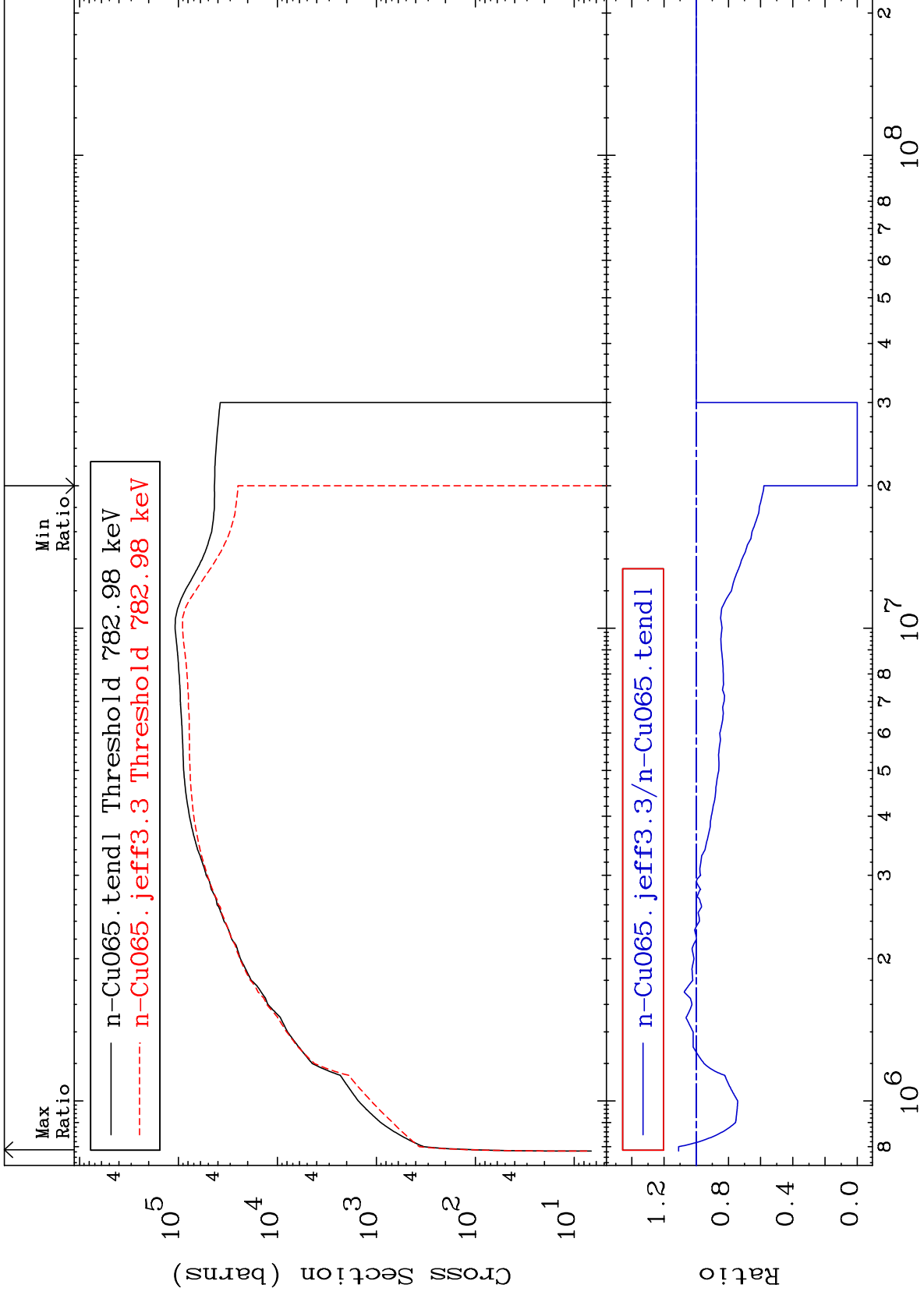
29-Cu-65  
-94.75 To 4236. %



MAT 2931

Dpa inelastic (mt51-91)  
Cross Section

29-Cu-65  
-100.0 To 10.93 %



MAT 2931

Dpa disappearance (mt102 -120)  
Cross Section

29-Cu-65  
-100.0 To 9999. %

