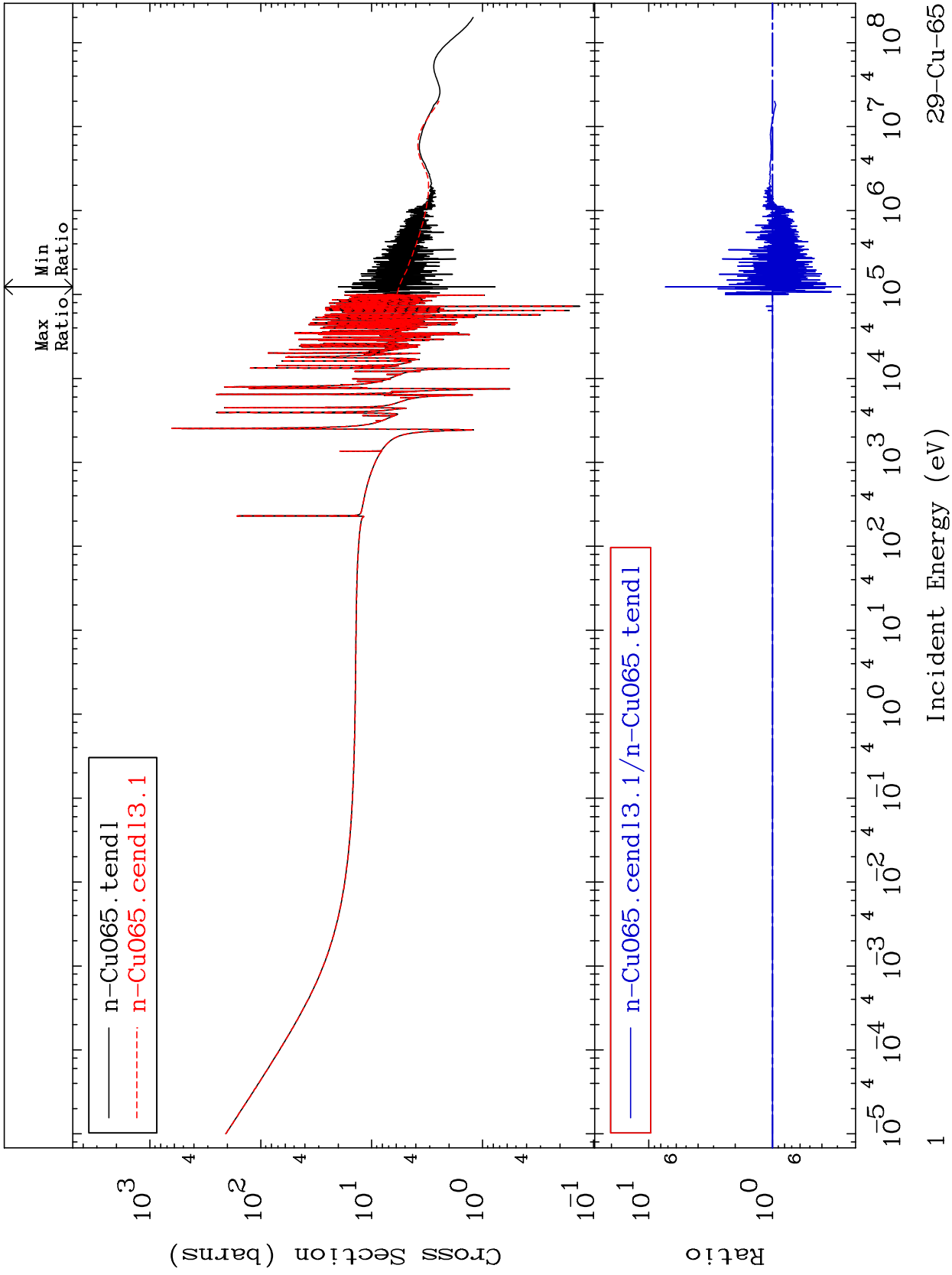


MAT 2931

Total  
Cross Section

29-Cu-65  
-71.78 To 632.0 %

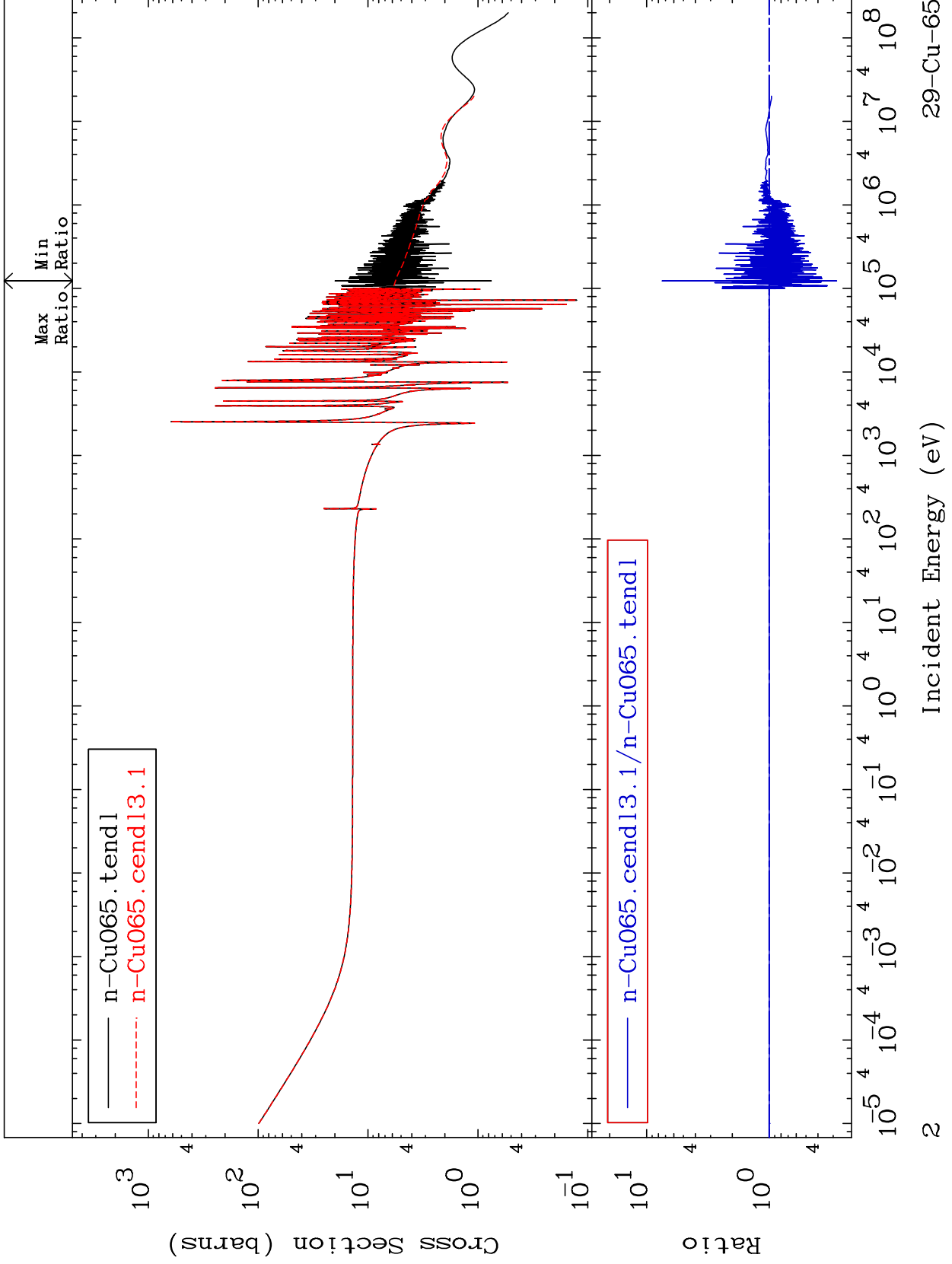


29-Cu-65

MAT 2931

Elastic  
Cross Section

29-Cu-65  
-71.85 To 643.6 %



29-Cu-65

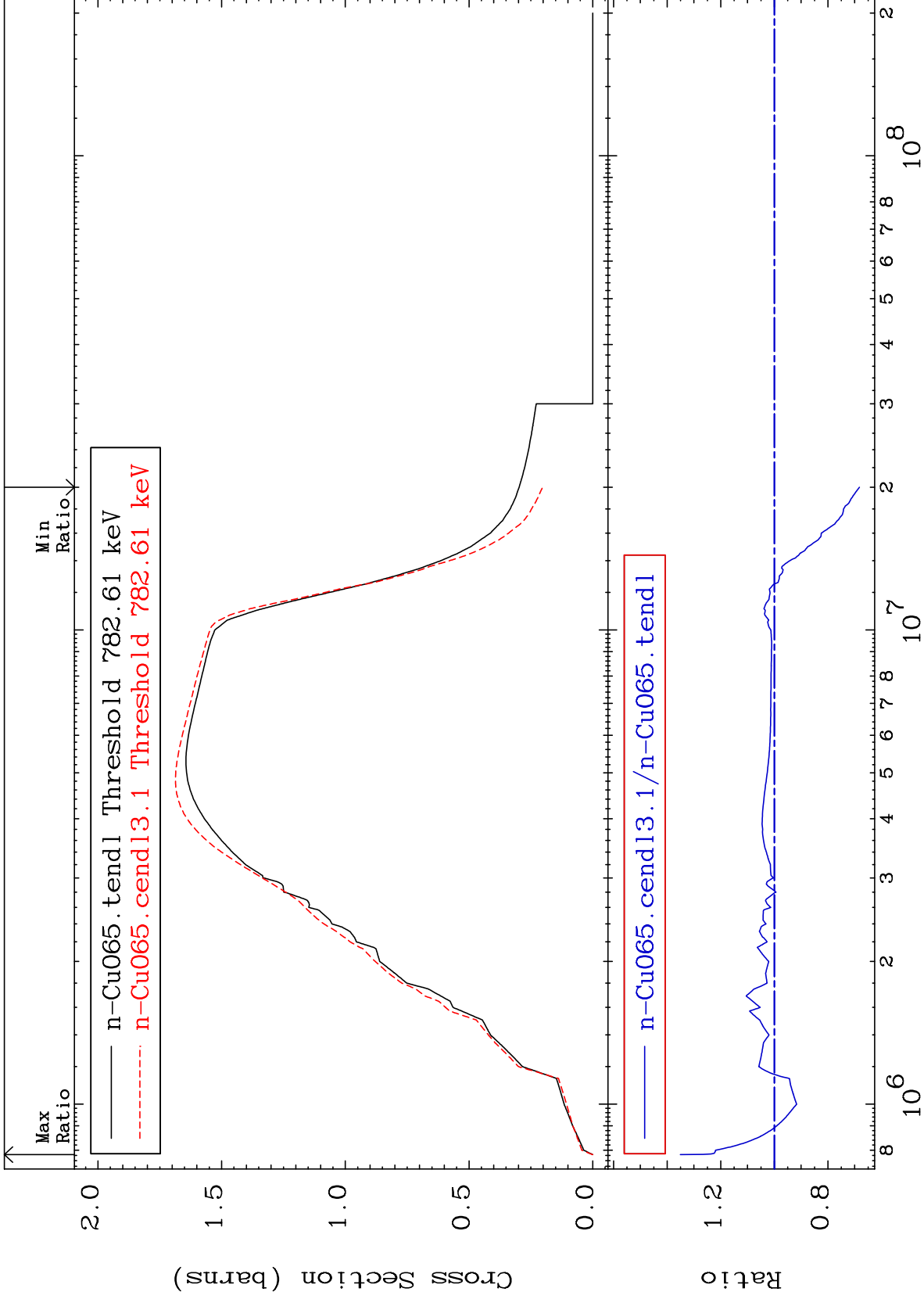
Incident Energy (eV)

2

MAT 2931

Inelastic  
Cross Section

29-Cu-65  
-31.77 To 35.07 %



Incident Energy (eV)

29-Cu-65

3

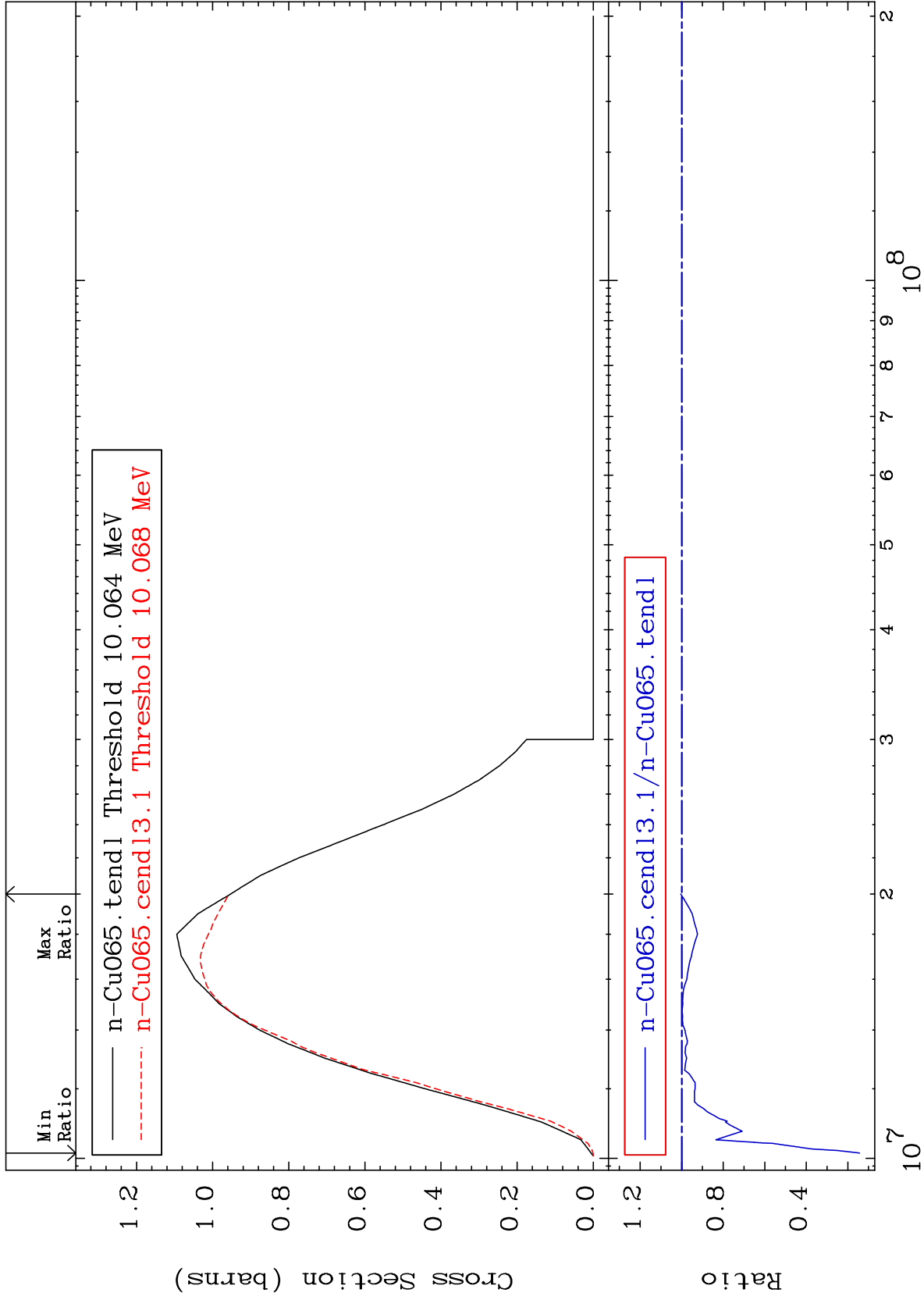
MAT 2931

(n,2n)

29-Cu-65

Cross Section

-85.66 To 0.443 %



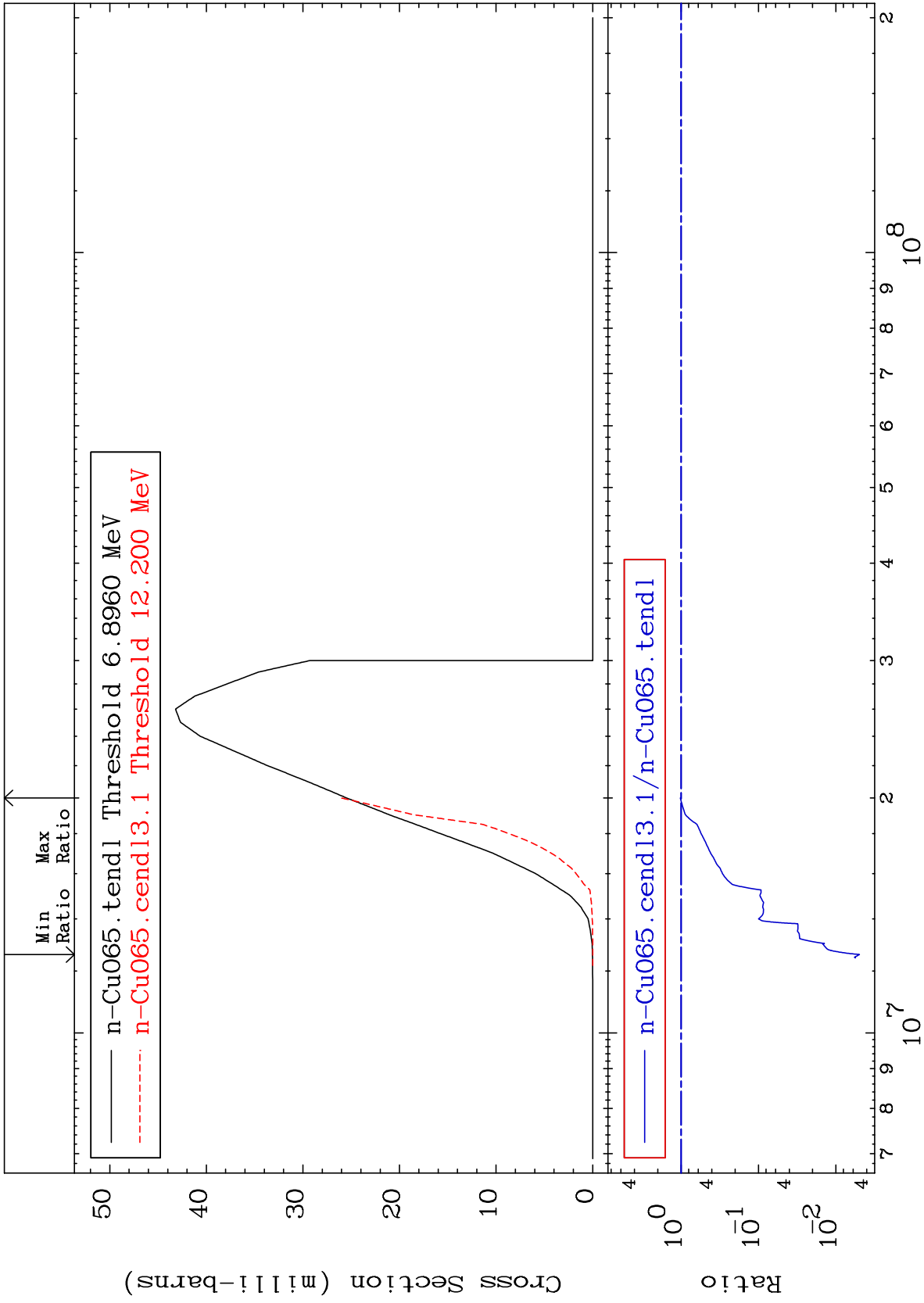
29-Cu-65

29-Cu-65

MAT 2931

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

29-Cu-65  
-99.50 To 2.144 %



5

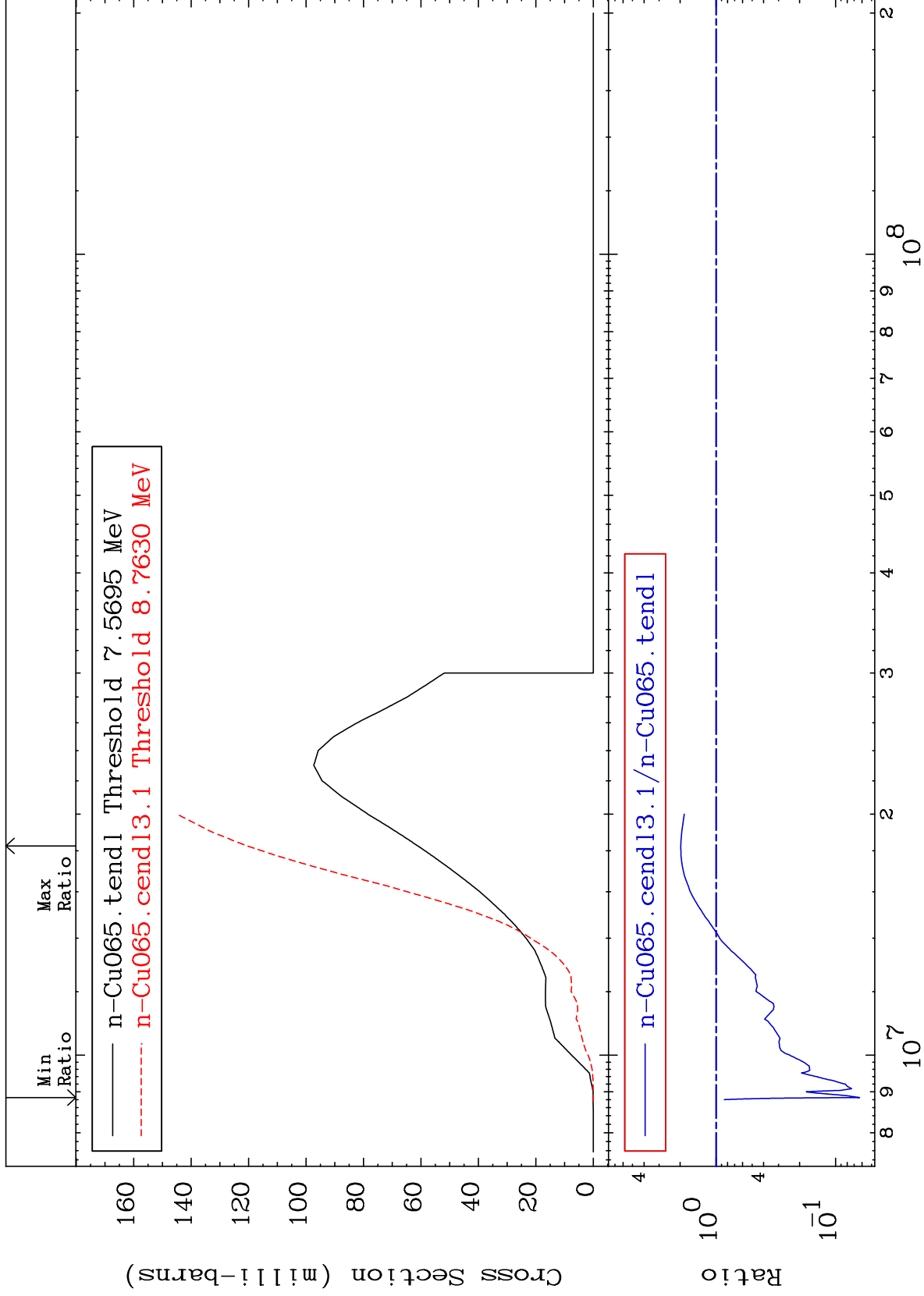
Incident Energy (eV)

29-Cu-65

MAT 2931

(n,n') p  
Cross Section

29-Cu-65  
-93.70 To 97.31 %

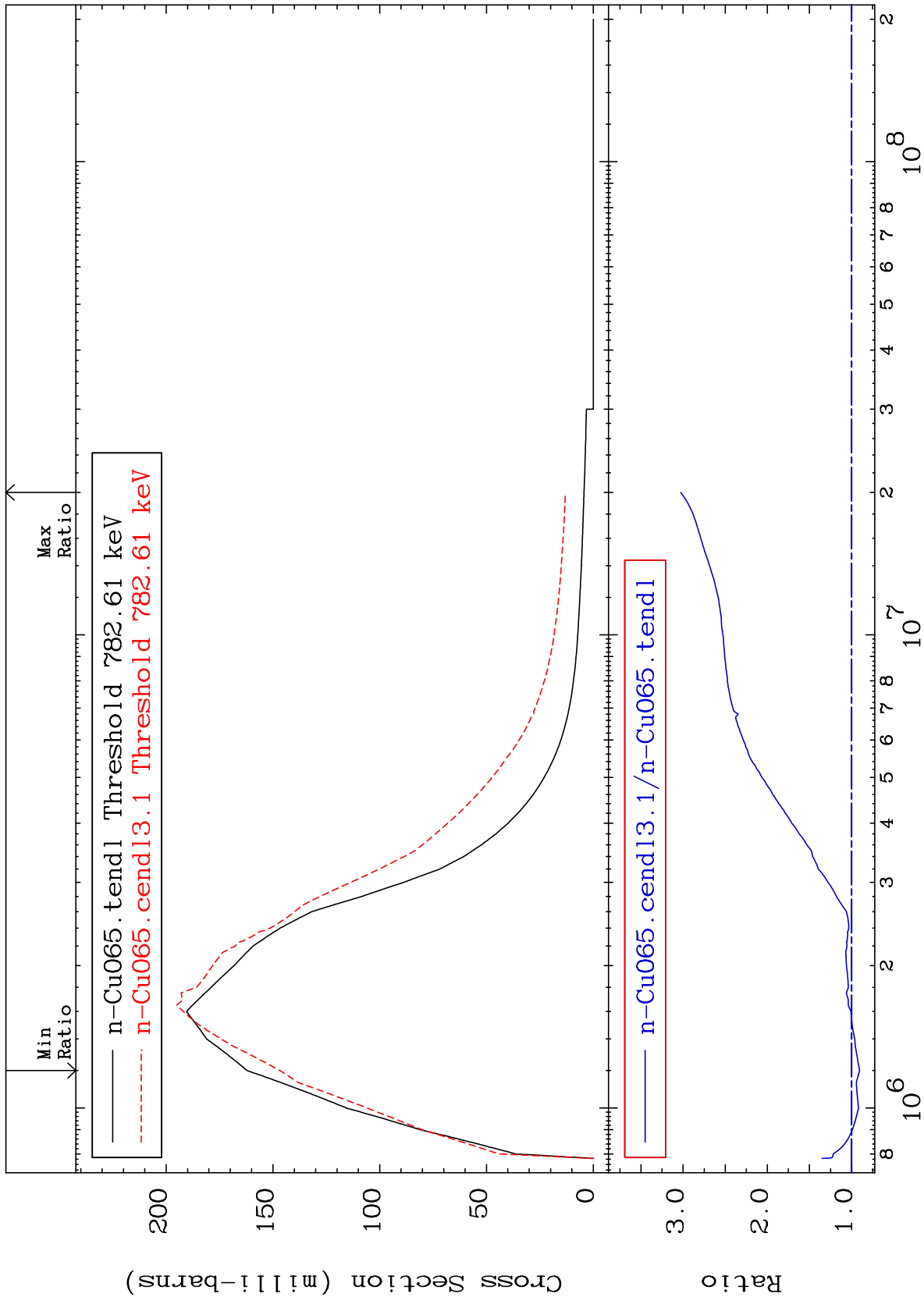


6

Incident Energy (eV)

29-Cu-65

MAT 2931 MT= 51 (n,n') Level Cross Section 29-Cu-65 -9.477 To 202.8 %

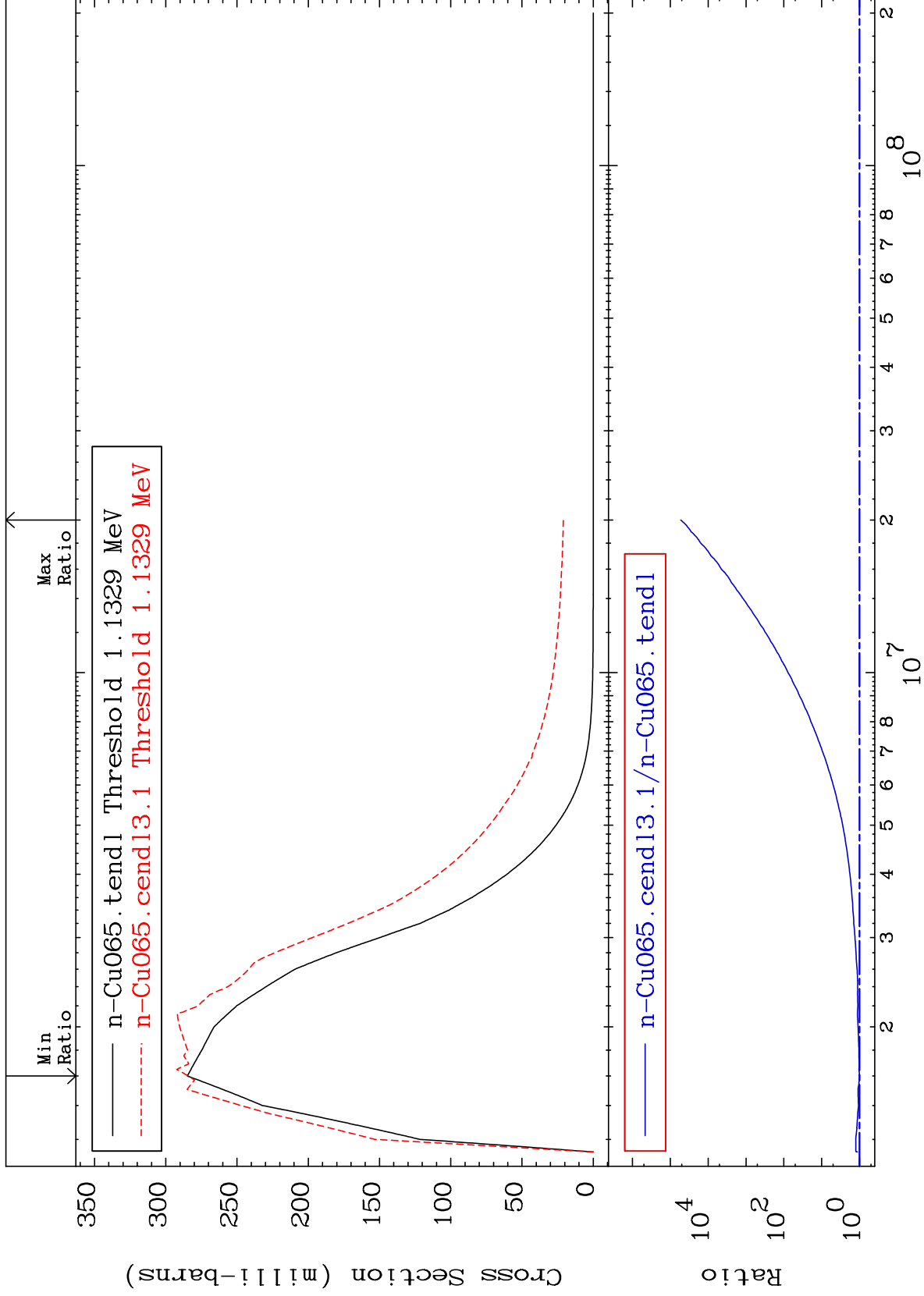


Incident Energy (eV) 29-Cu-65

MAT 2931

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

29-Cu-65  
-0.161 To 9999. %

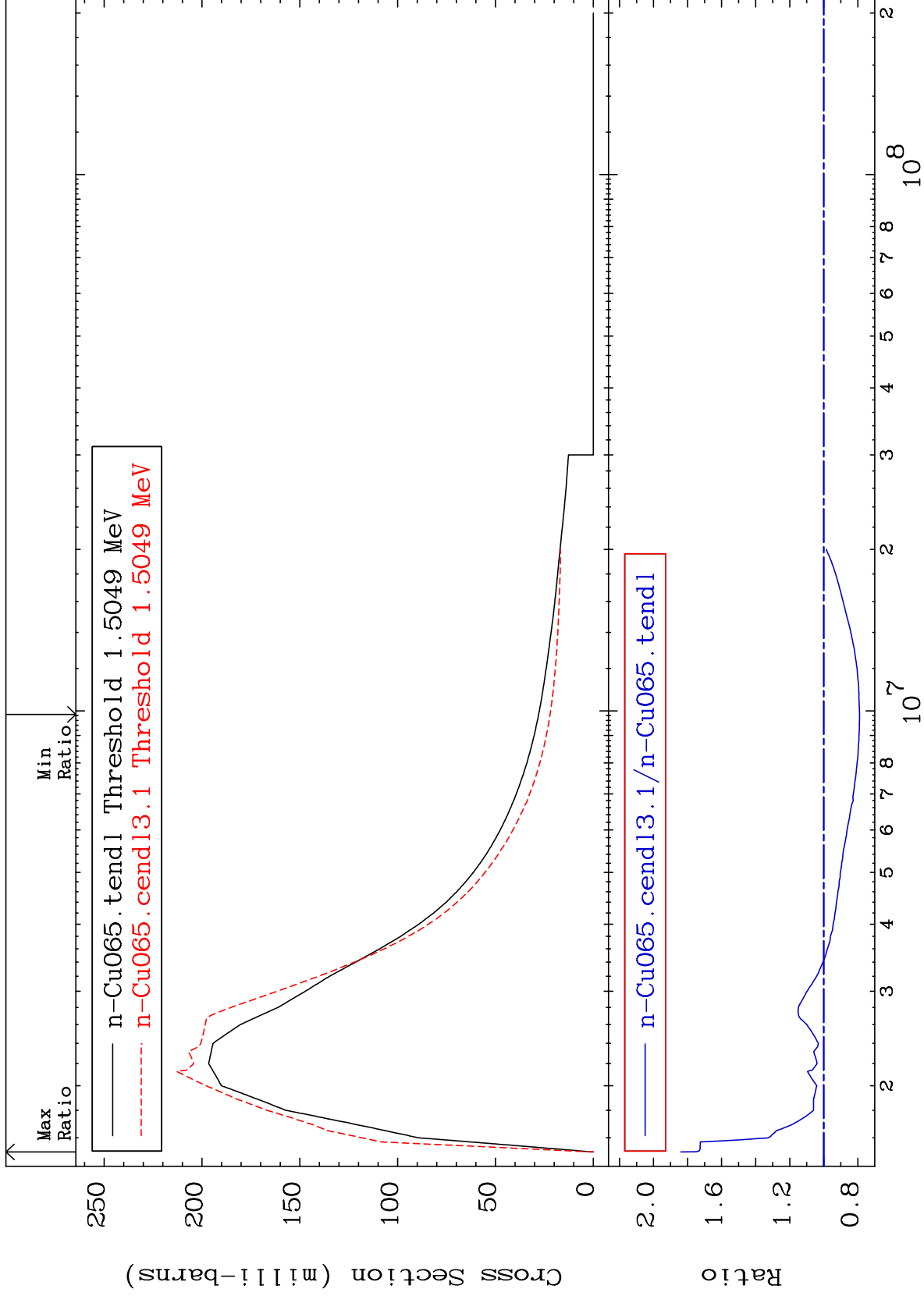




MAT 2931

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

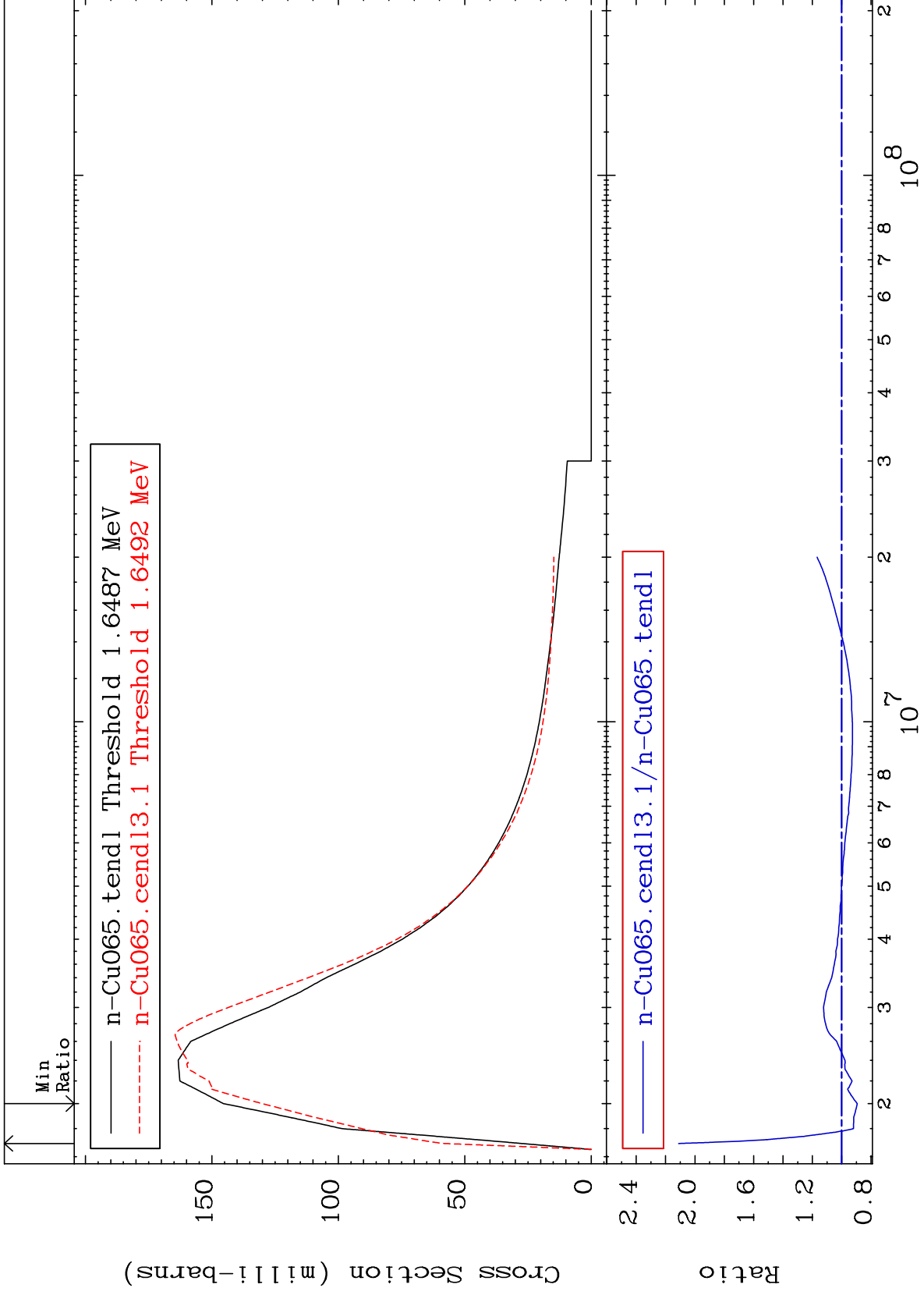
29-Cu-65  
-21.00 To 83.99 %



MAT 2931

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

29-Cu-65  
-10.59 To 111.1 %



10

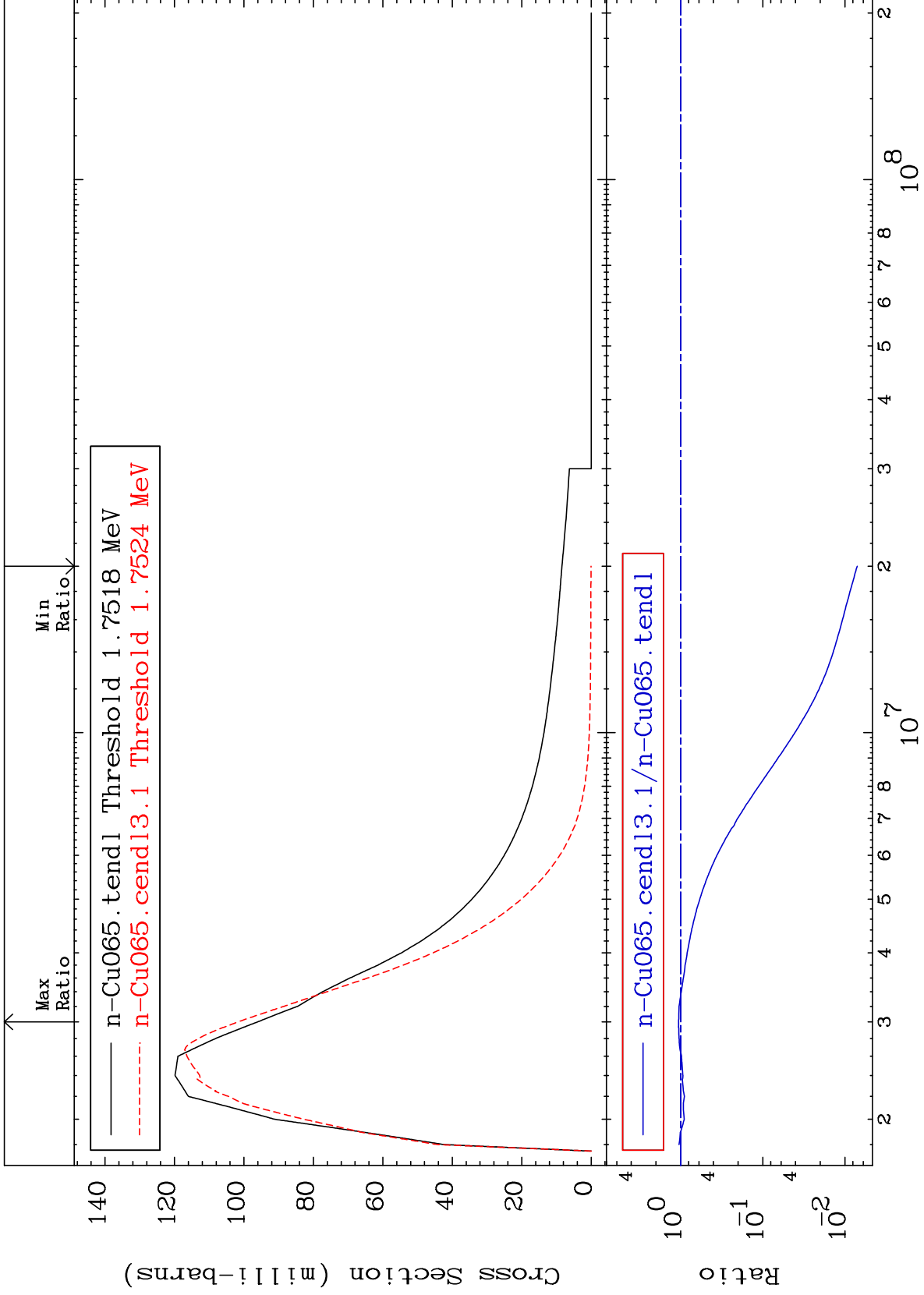
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-99.29 To 5.895 %



11

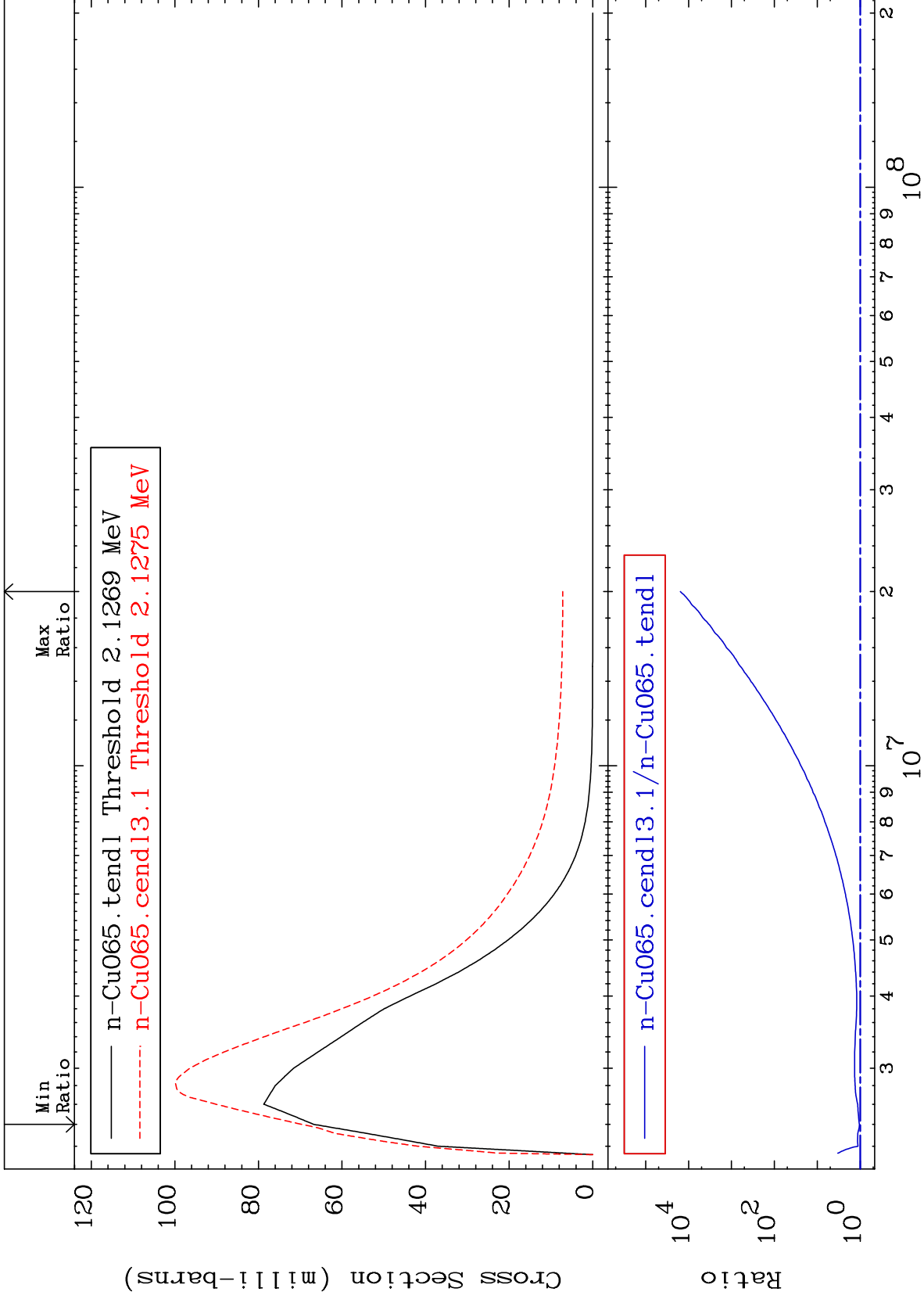
Incident Energy (eV)

29-Cu-65

MAT 2931

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

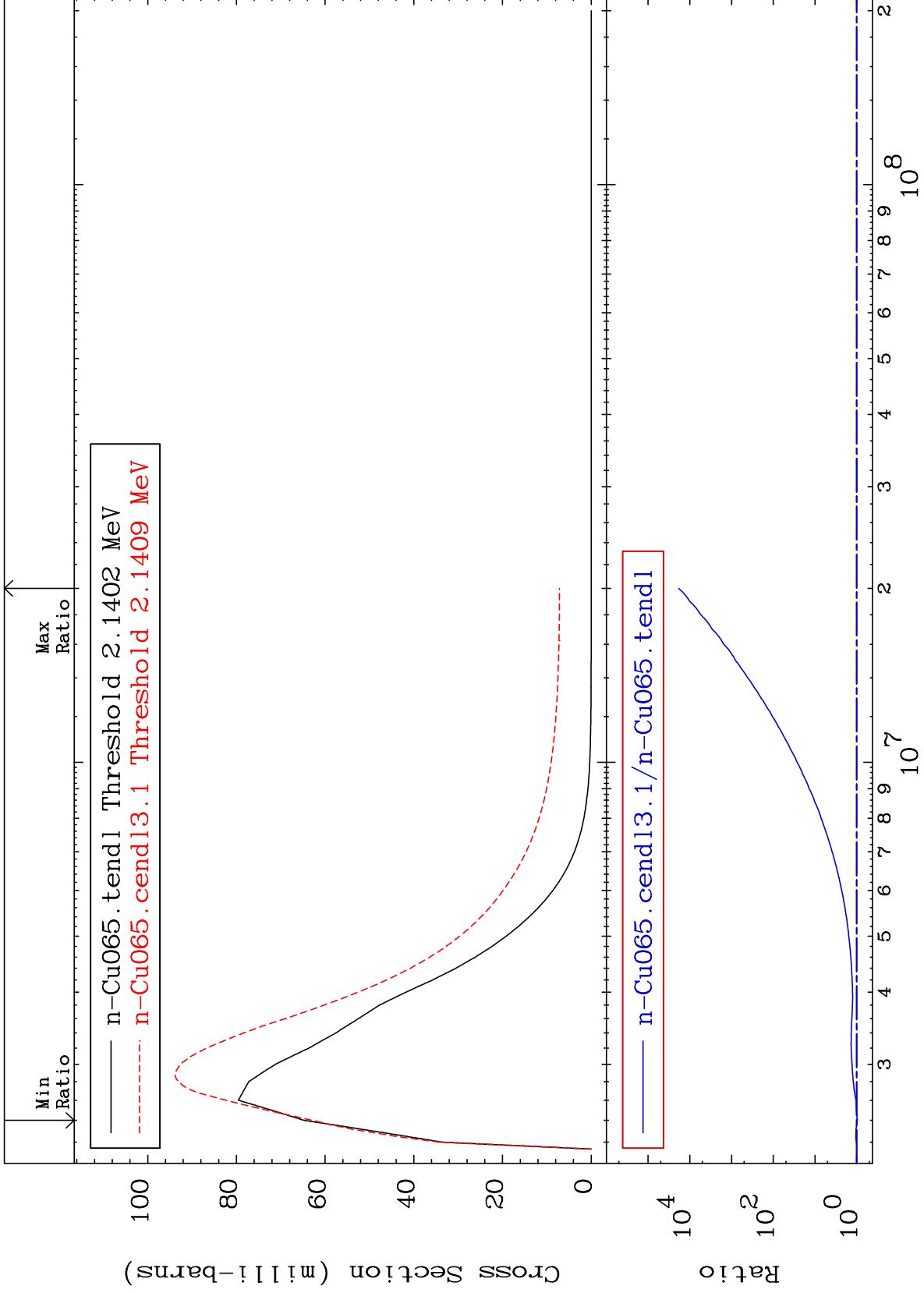
29-Cu-65  
4.267 To 9999. %



MAT 2931

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

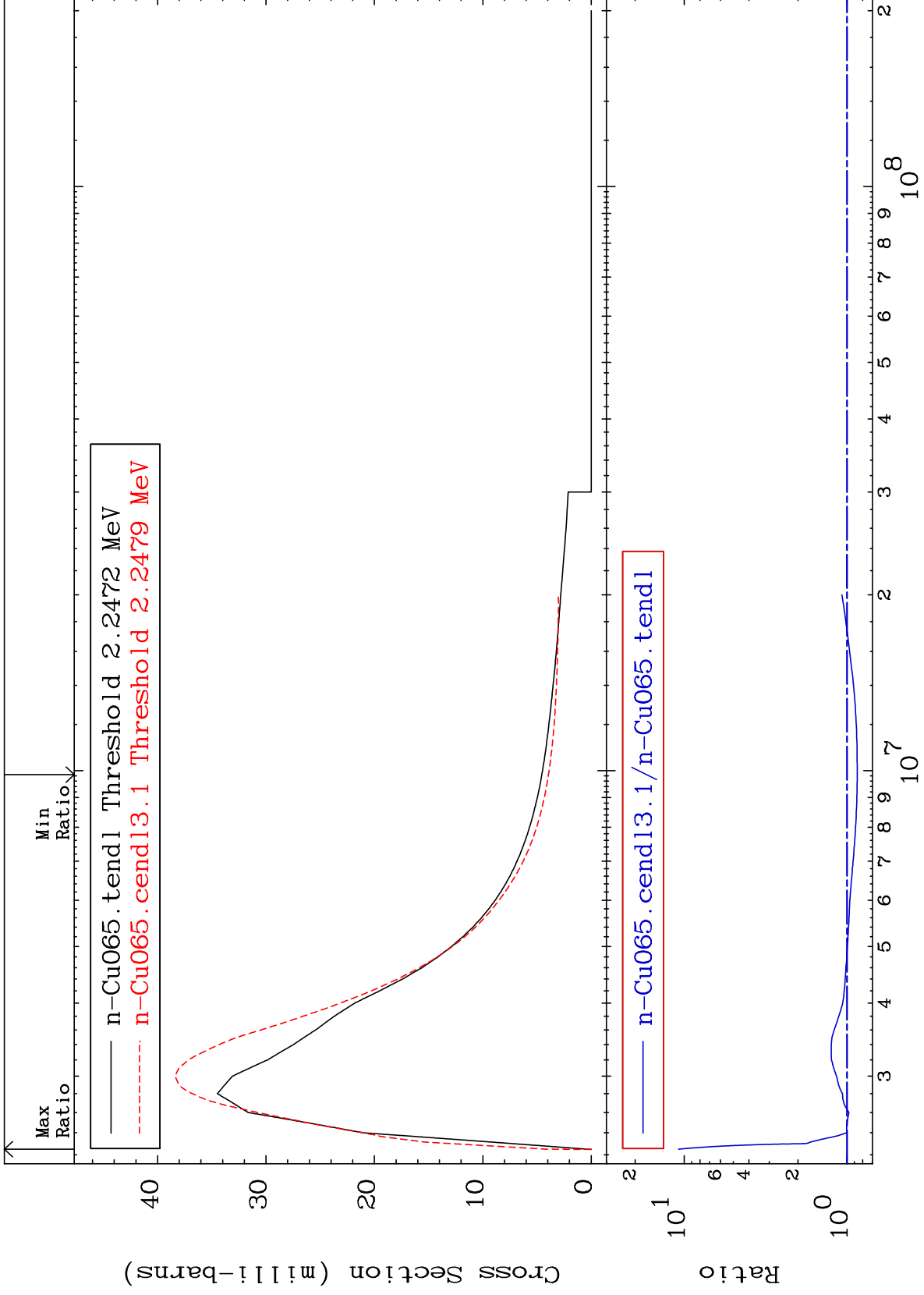
29-Cu-65  
-2.864 To 9999. %



MAT 2931

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

29-Cu-65  
-13.55 To 981.9 %



14

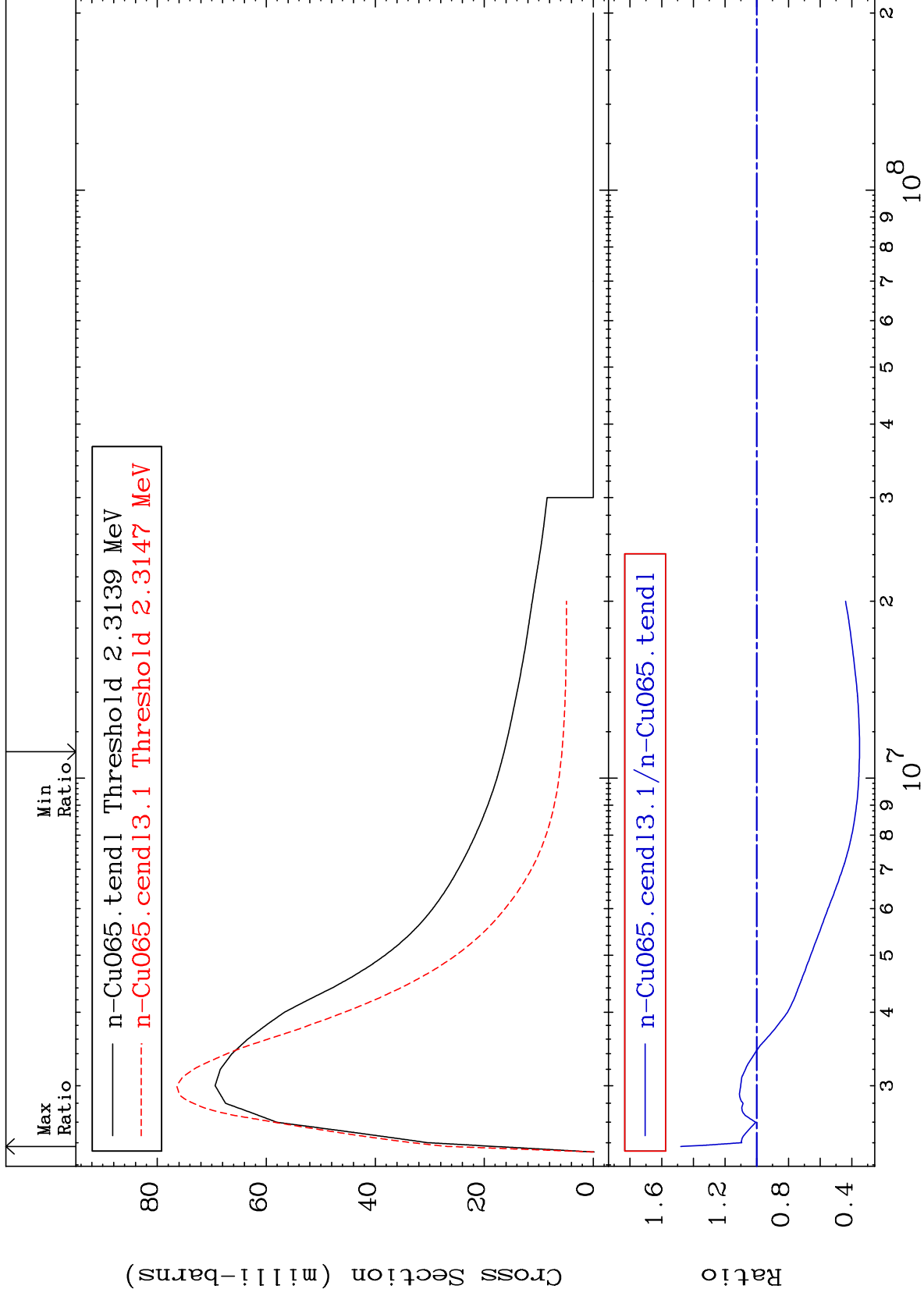
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-64.87 To 47.97 %



15

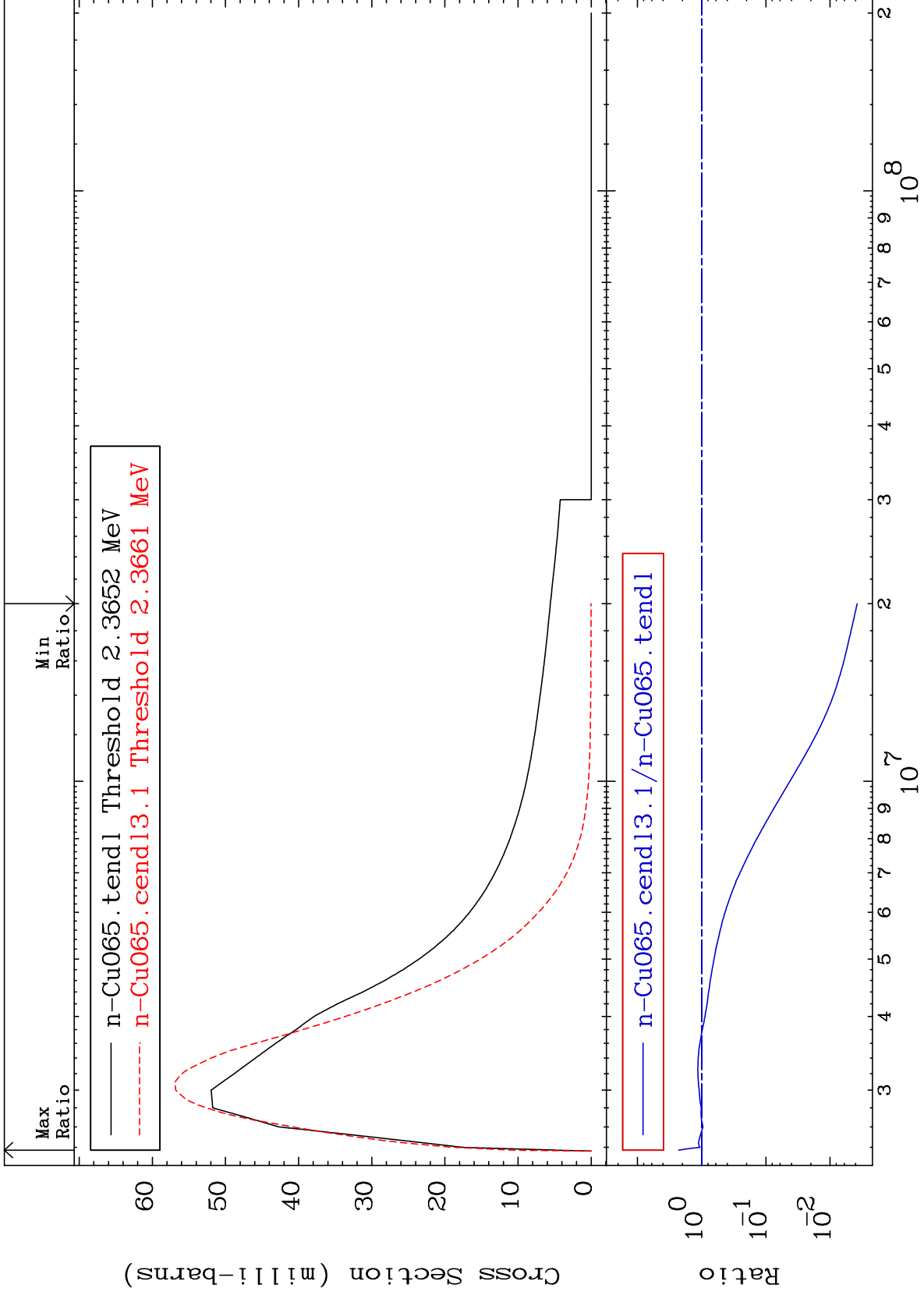
Incident Energy (eV)

29-Cu-65

MAT 2931

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

29-Cu-65  
-99.62 To 128.3 %

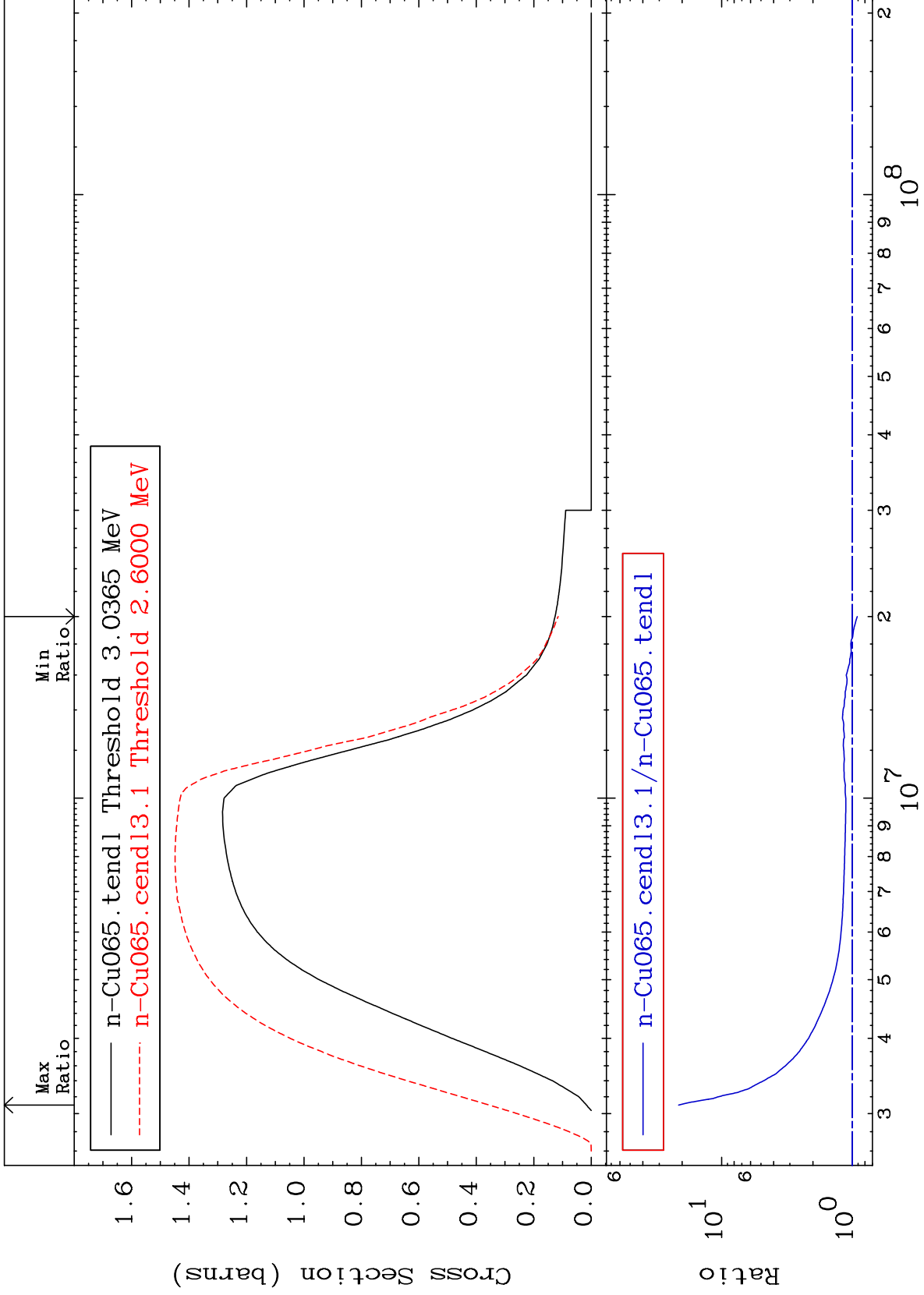




MAT 2931

(n, n') Continuum  
Cross Section

29-Cu-65  
-8.523 To 2030. %



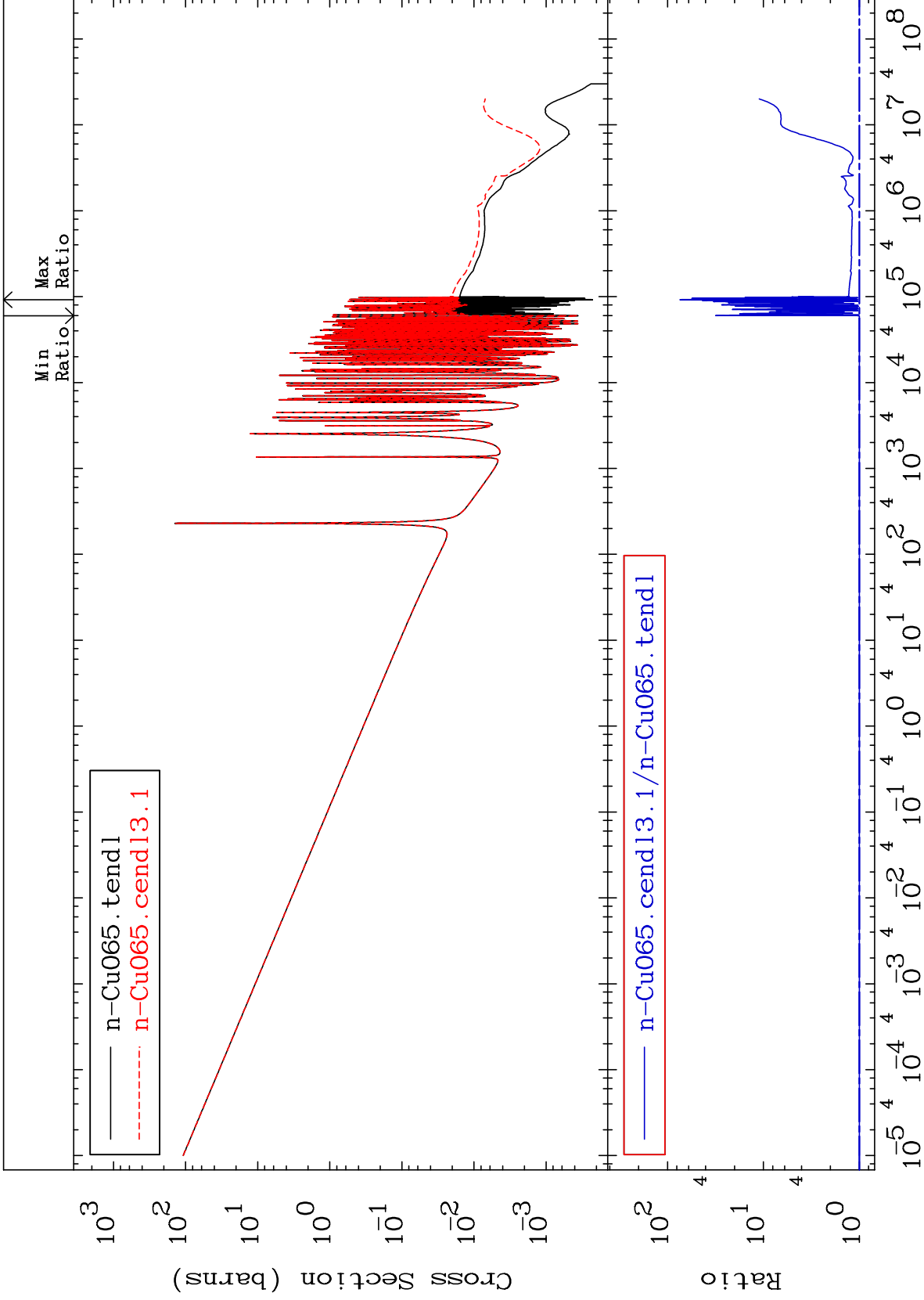
MAT 2931

(n,  $\gamma$ )

Cross Section

29-Cu-65

-0.135 To 7277. %



18

Incident Energy (eV)

29-Cu-65

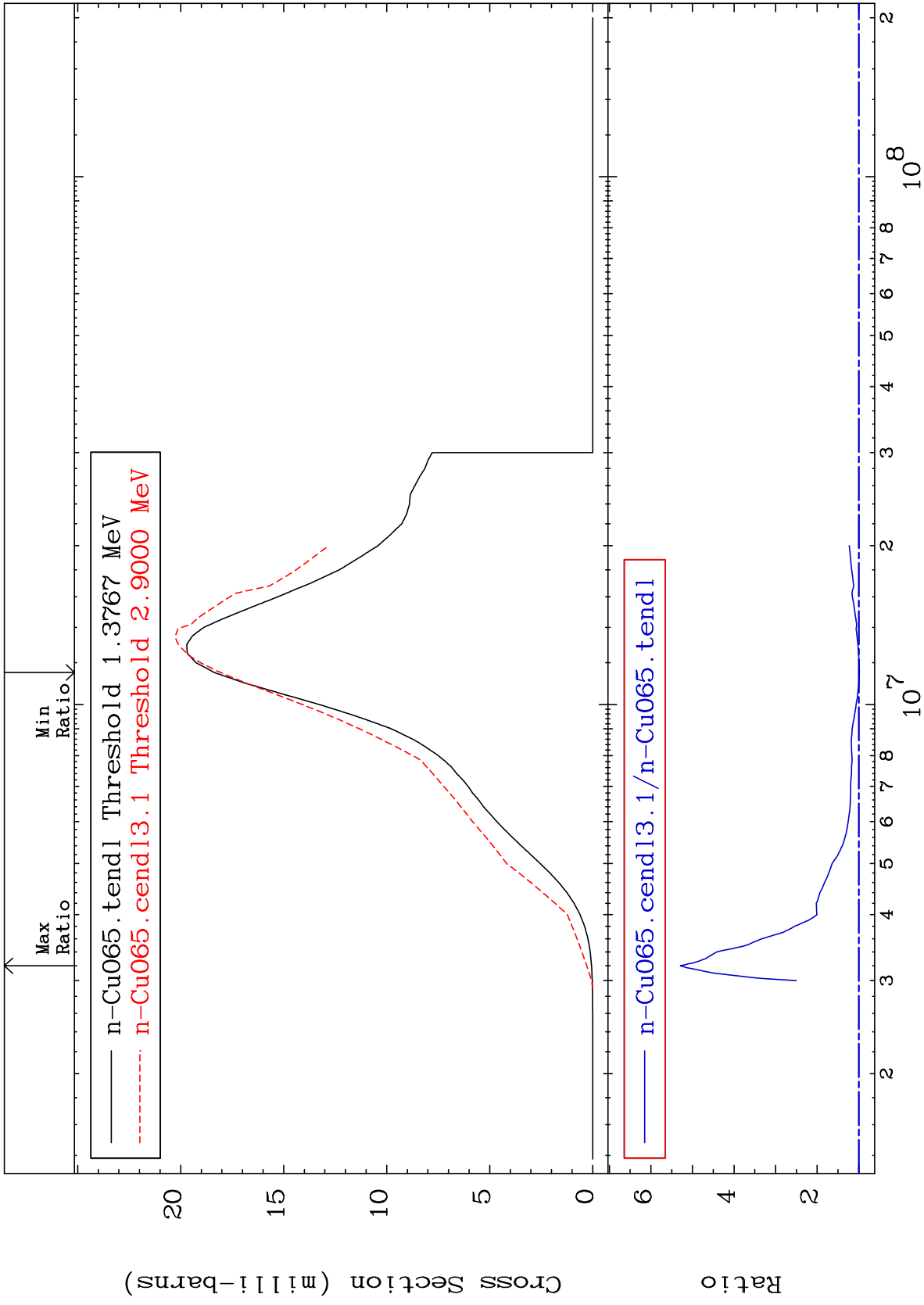
MAT 2931

(n,p)

<sup>29</sup>Cu-65

Cross Section

-1.683 To 429.1 %



19

Incident Energy (eV)

<sup>29</sup>Cu-65

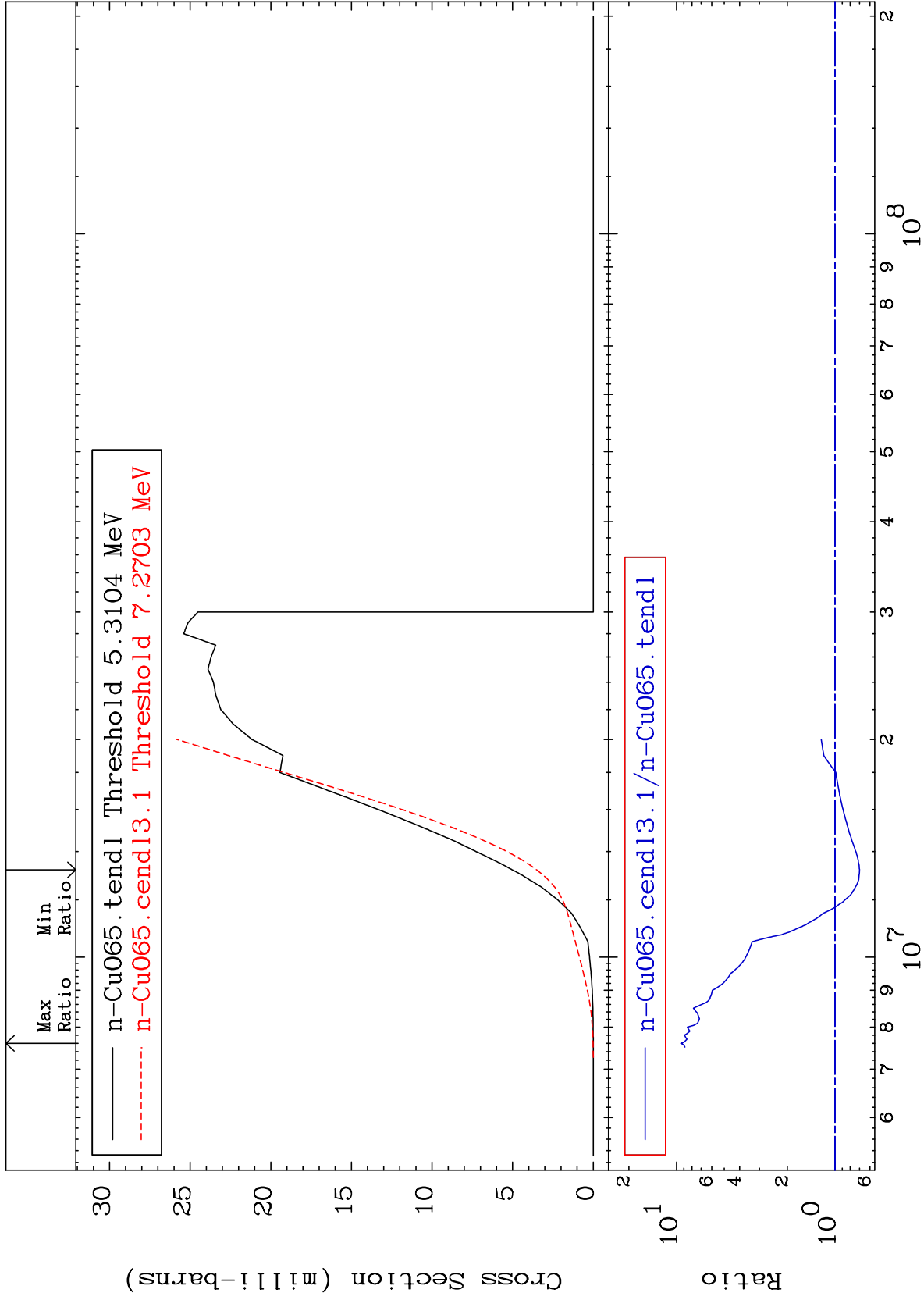
MAT 2931

(n, d)

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

Cross Section

-30.10 To 841.2 %



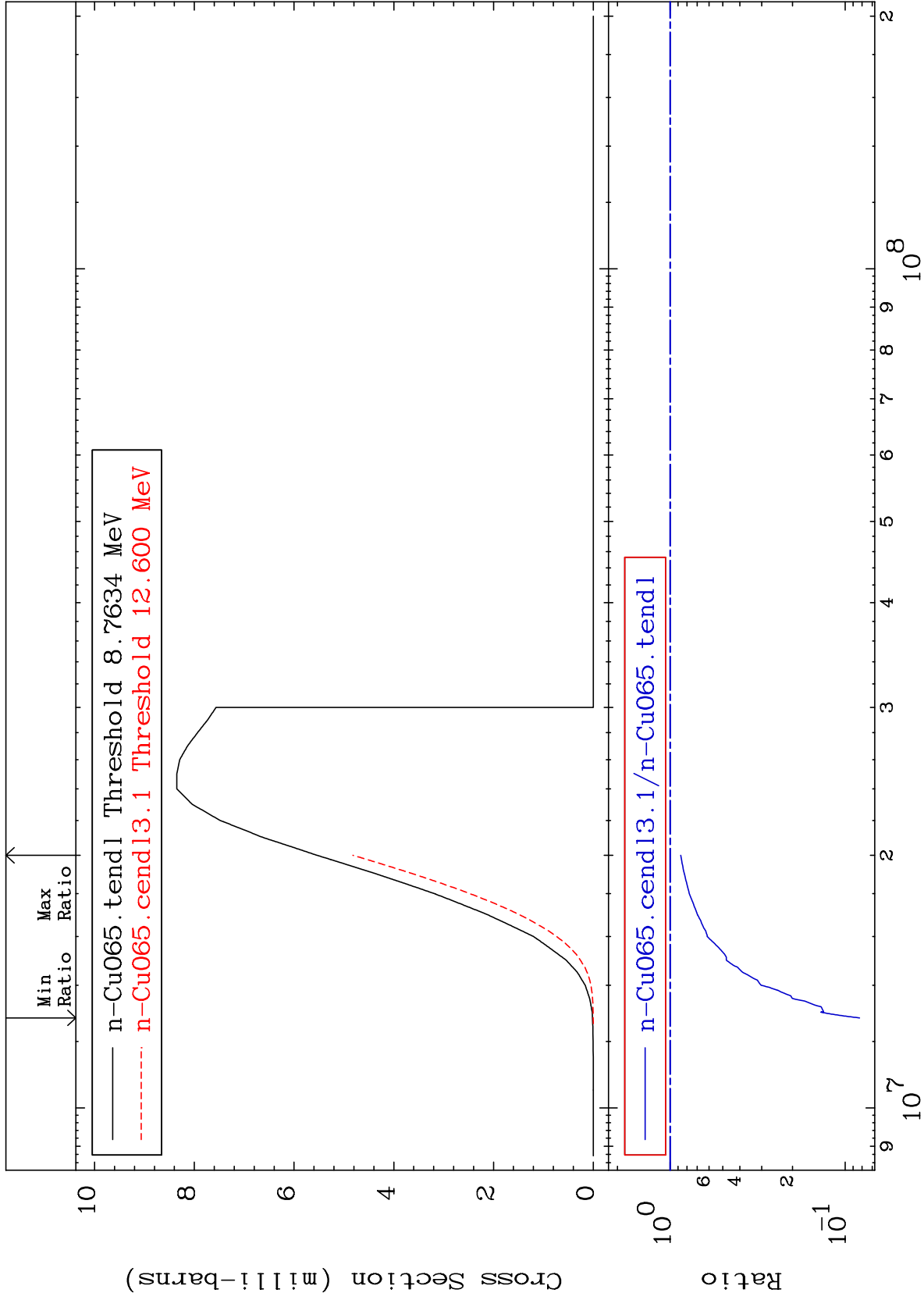
MAT 2931

(n, t)

29-Cu-65

Cross Section

-91.73 To -13.09%



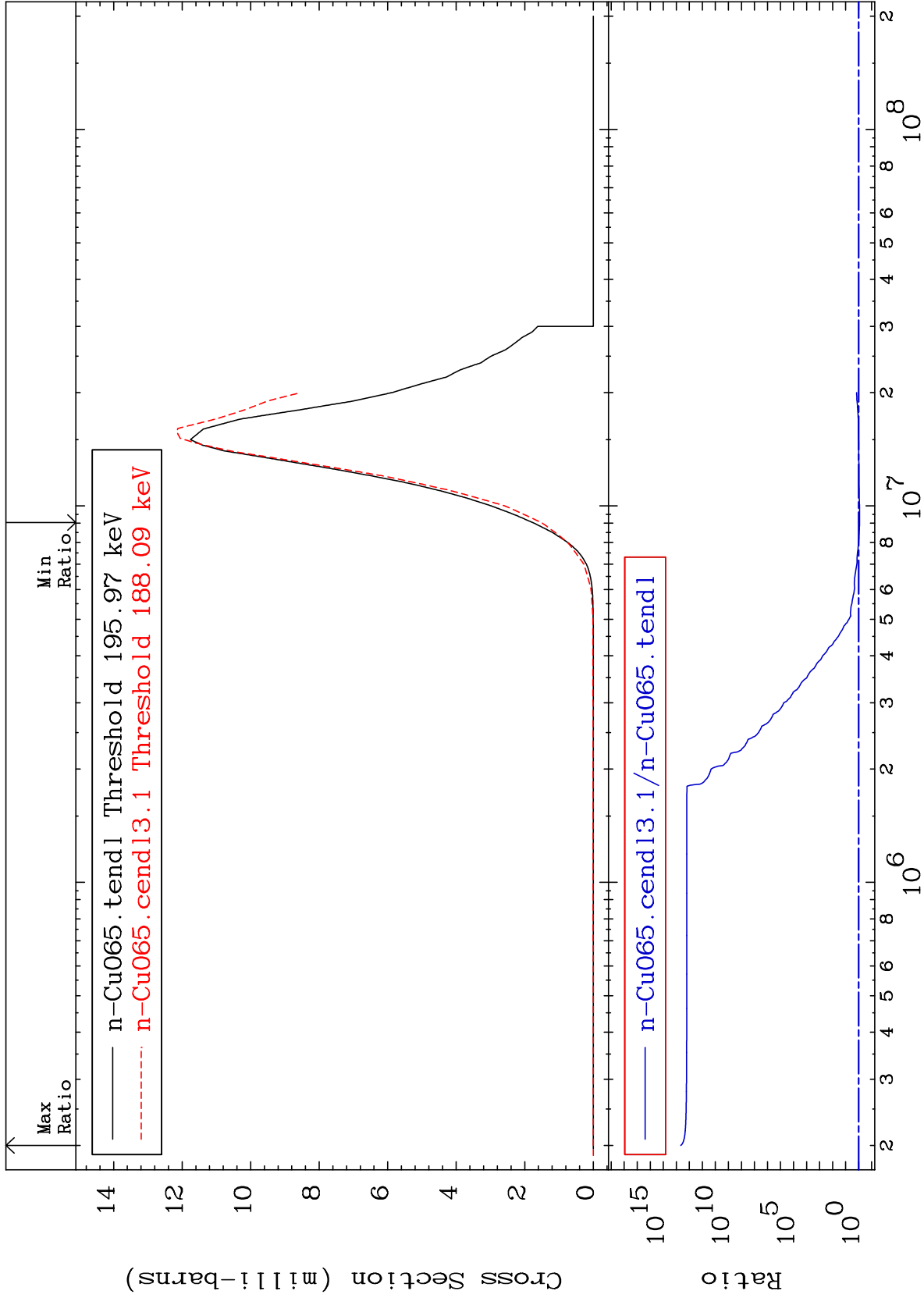
21

Incident Energy (eV)

29-Cu-65

Cross Section

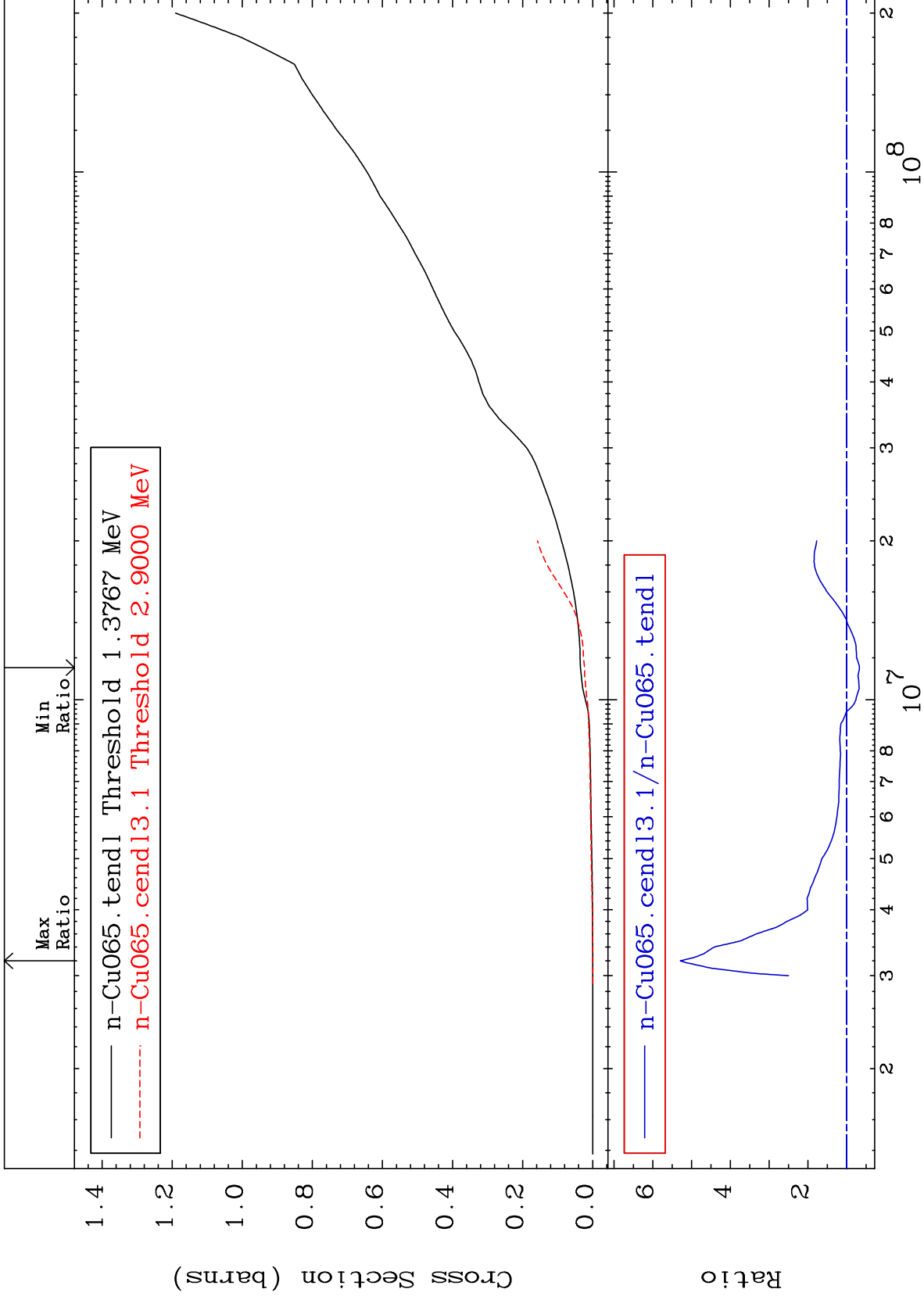
-14.13 To 9999. %



MAT 2931

### Hydrogen Production Cross Section

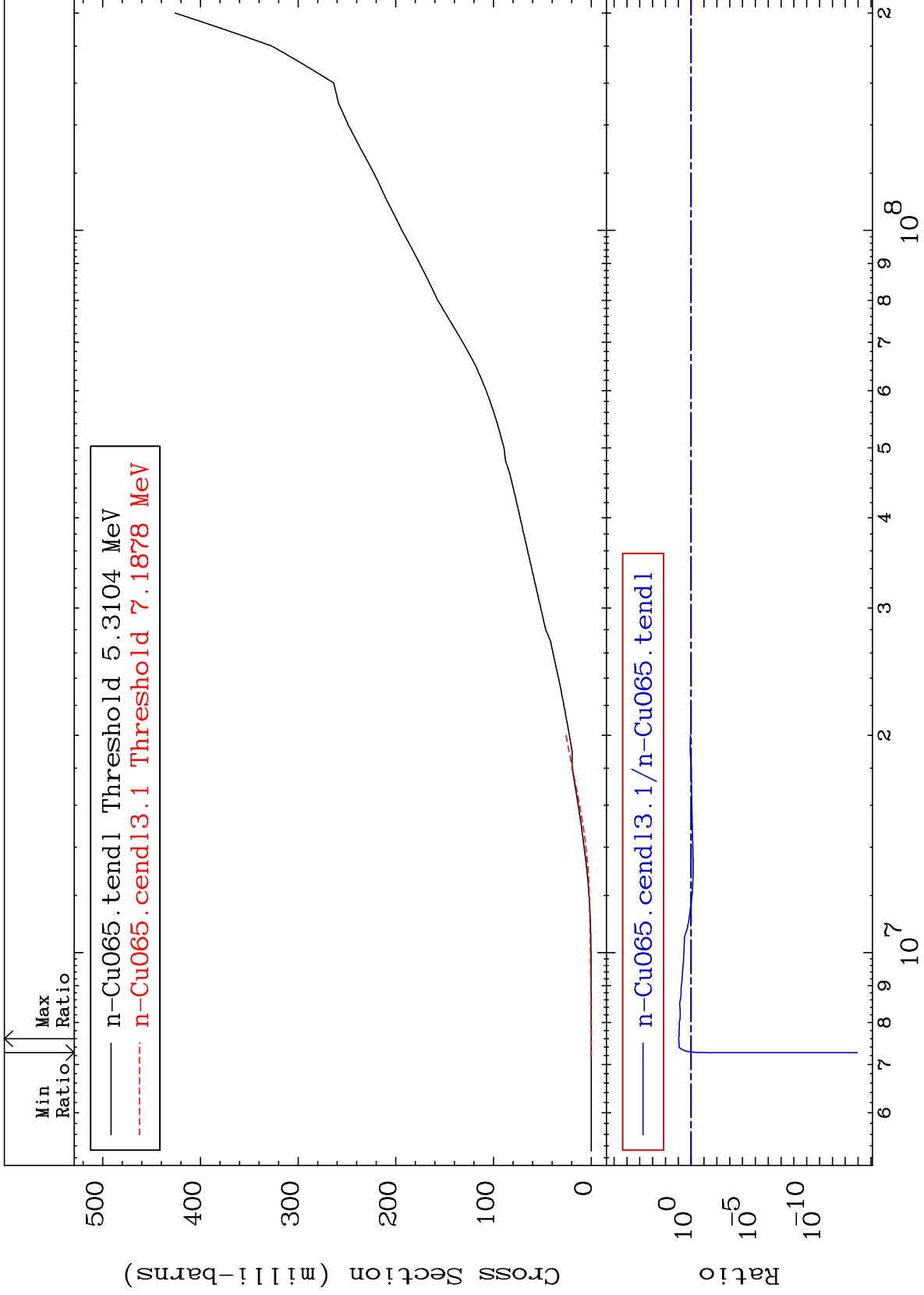
<sup>29</sup>-Cu-65  
-32.79 To 429.1 %



MAT 2931

Deuterium Production  
Cross Section

<sup>29</sup>-Cu-65  
-100.0 To 841.2 %

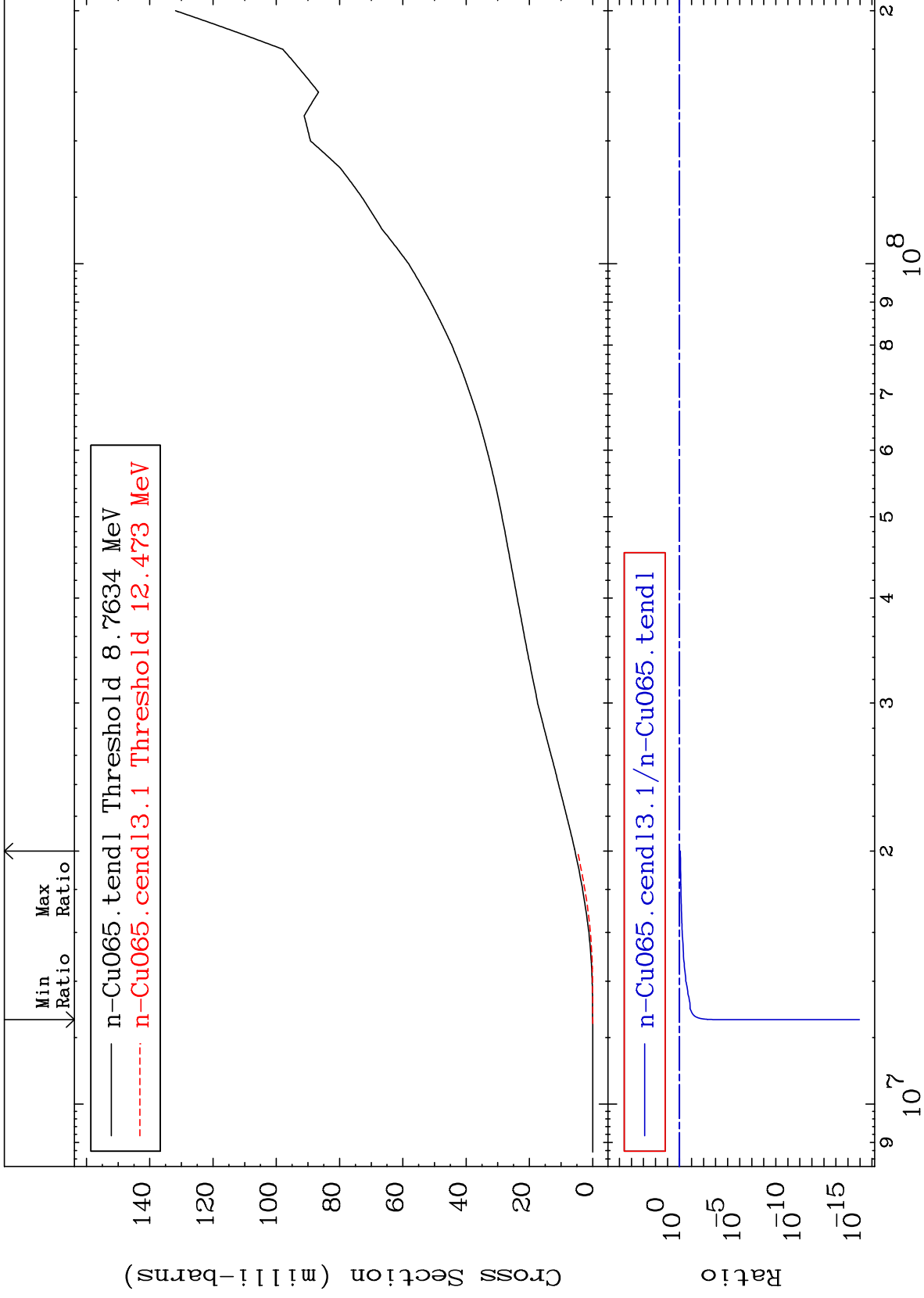




MAT 2931

Tritium Production  
Cross Section

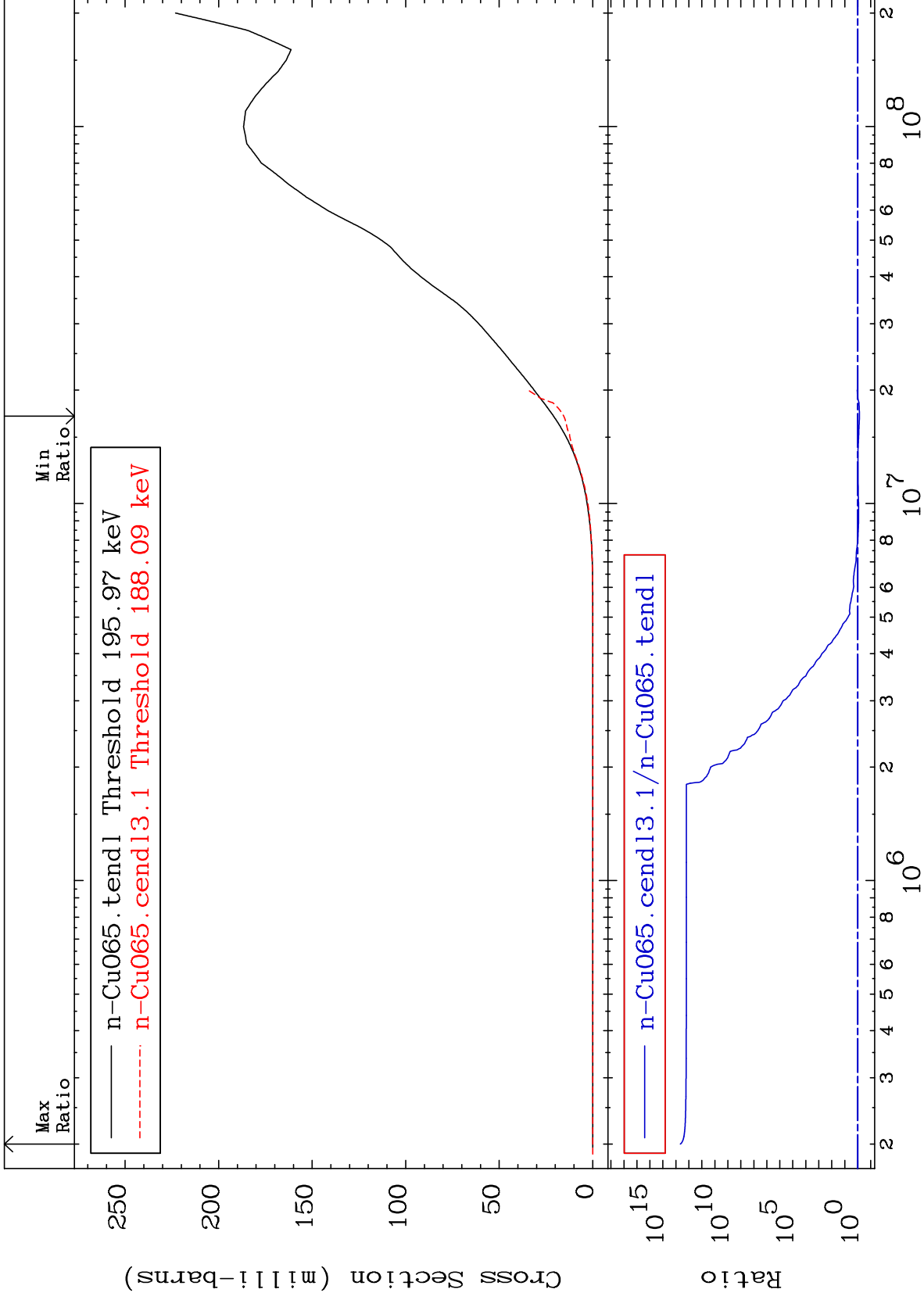
<sup>29</sup>-Cu-65  
-100.0 To -14.03%



25

Incident Energy (eV)

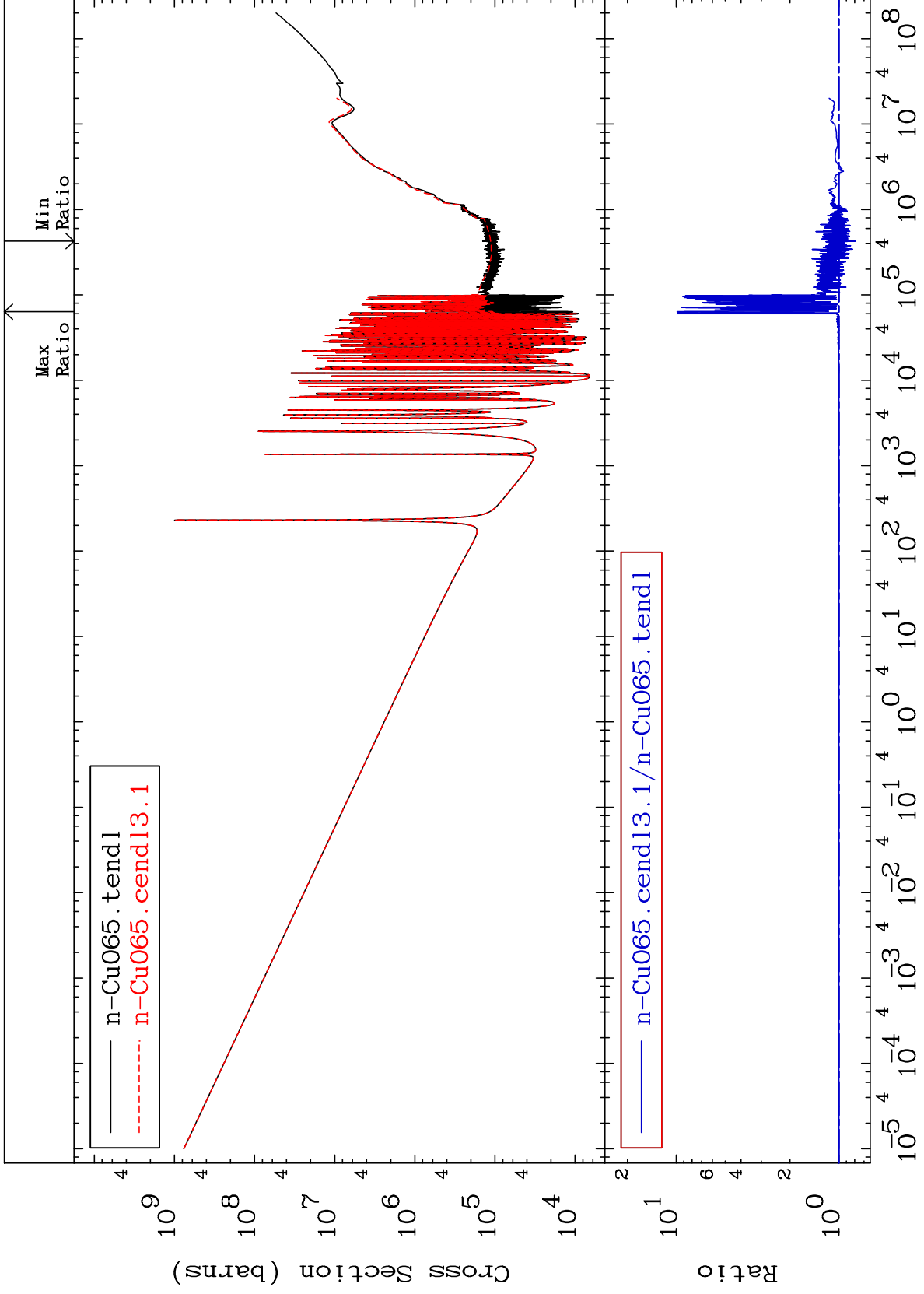
<sup>29</sup>-Cu-65



MAT 2931

Kerma total (eV-barns)  
Cross Section

29-Cu-65  
-20.53 To 891.7 %



27

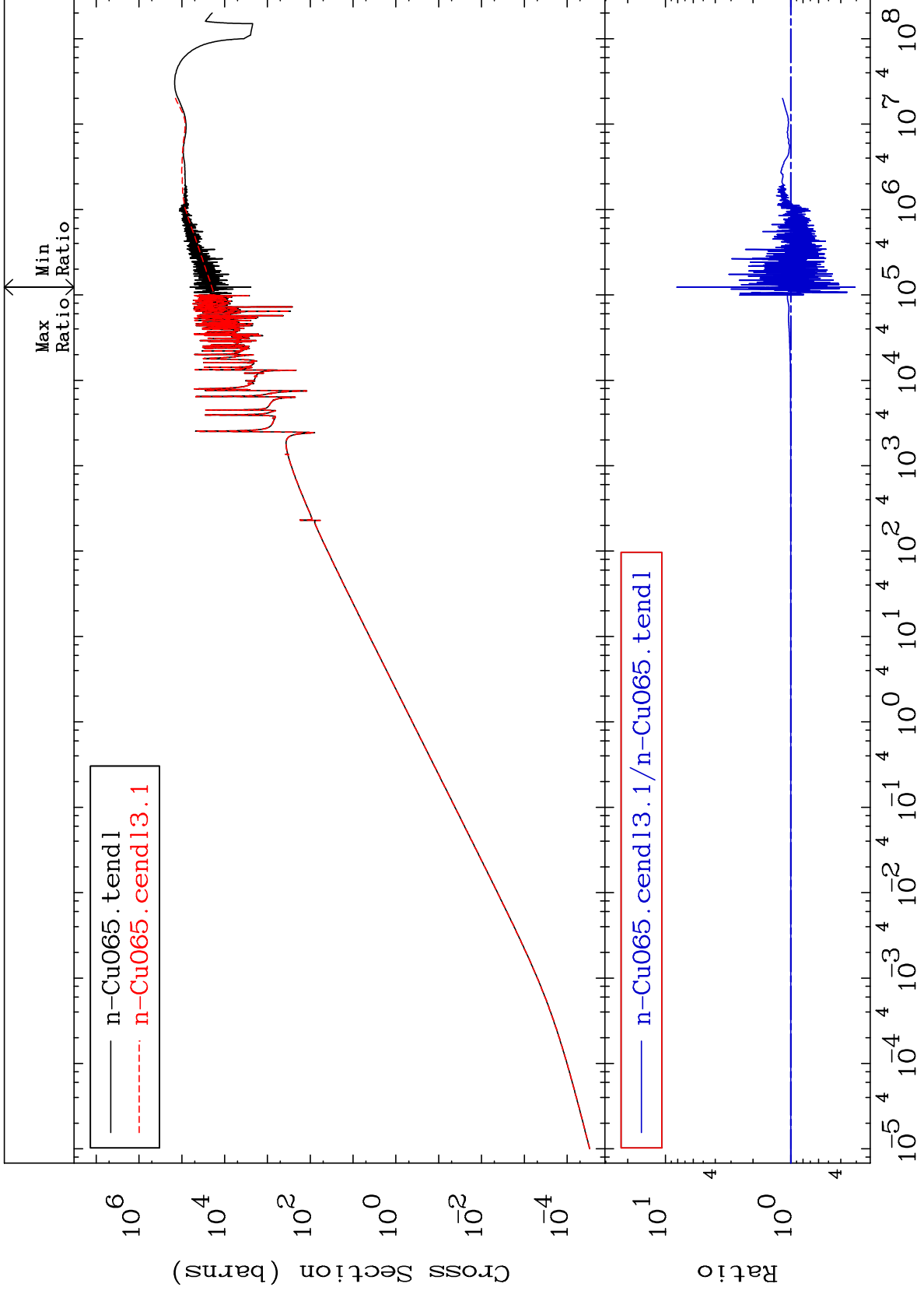
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma elastic  
Cross Section

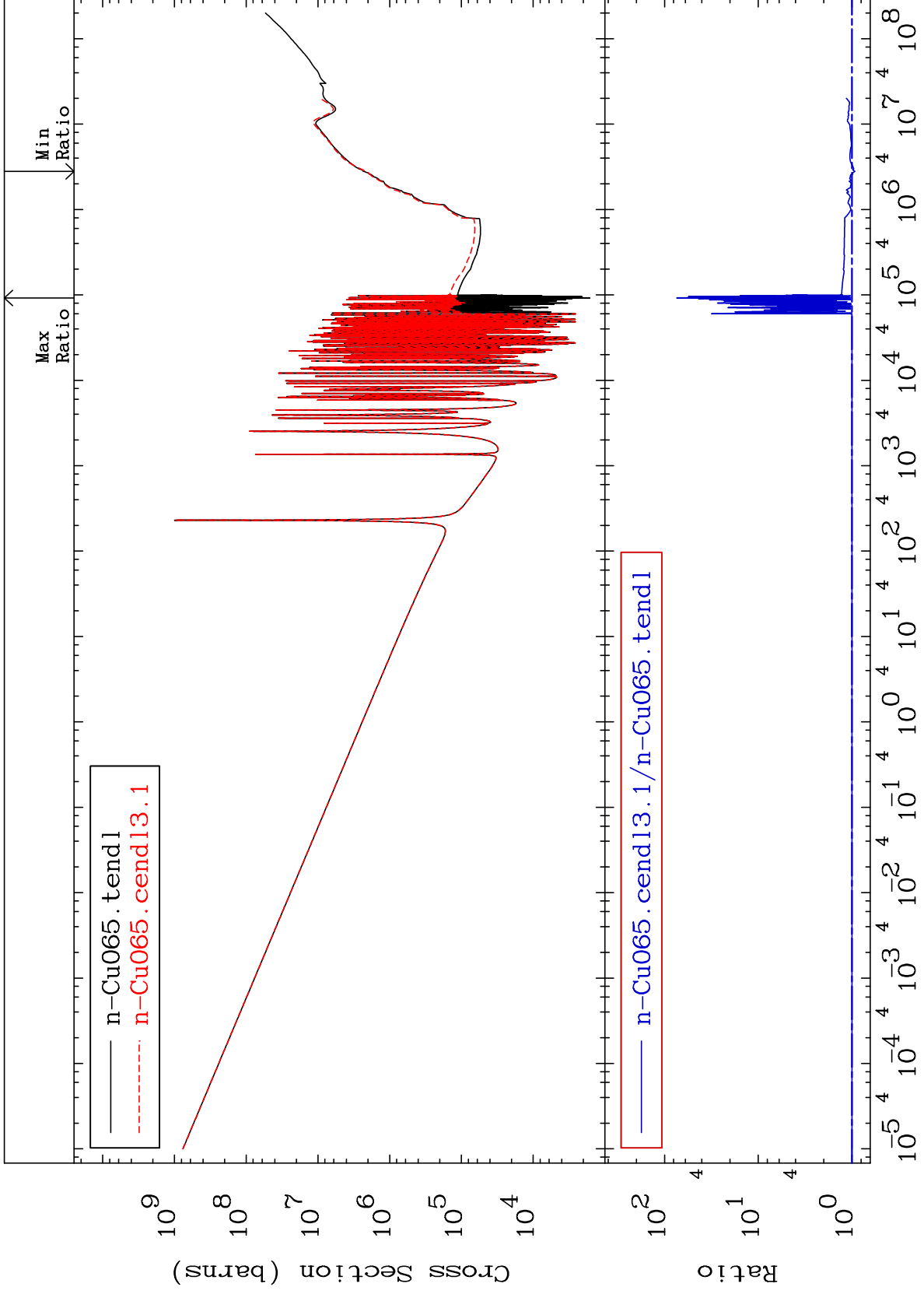
29-Cu-65  
-69.31 To 710.1 %



MAT 2931

Kerma non-elastic (all but mt2)  
Cross Section

29-Cu-65  
-7.264 To 7279. %



29

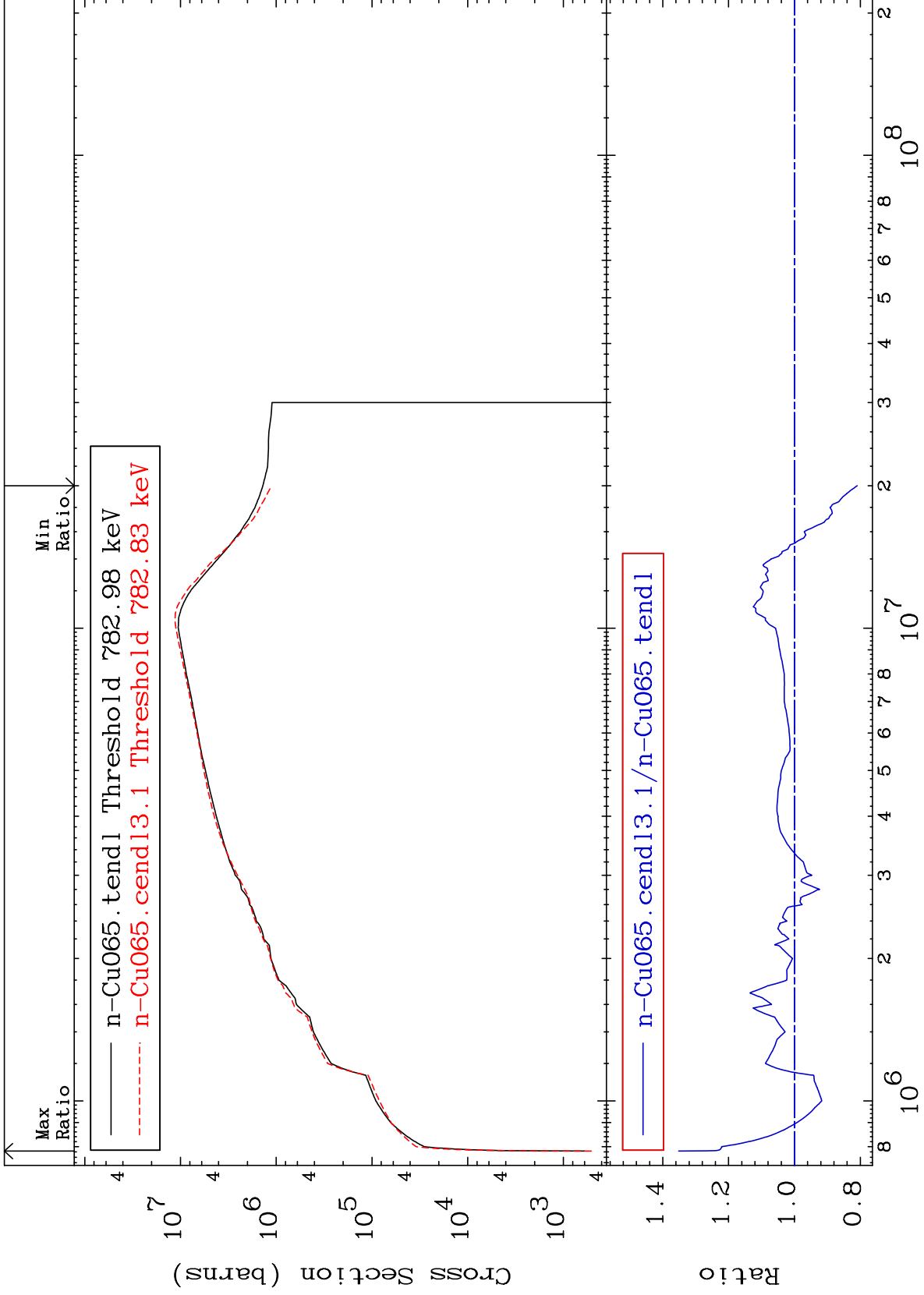
Incident Energy (eV)

29-Cu-65

MAT 2931

Kerma inelastic (mt51-91)  
Cross Section

29-Cu-65  
-19.08 To 35.18 %



30

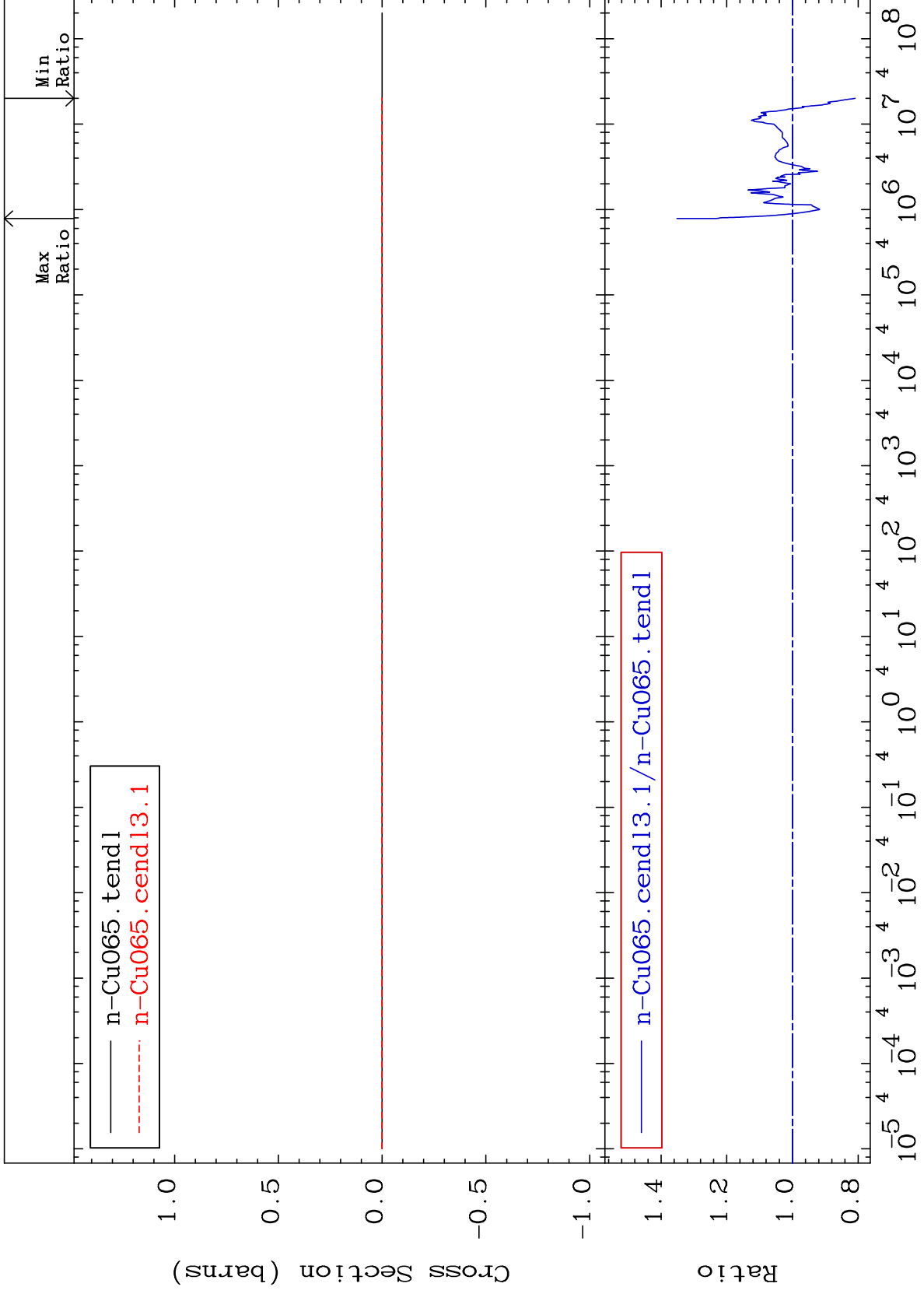
Incident Energy (eV)

29-Cu-65

MAT 2931

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

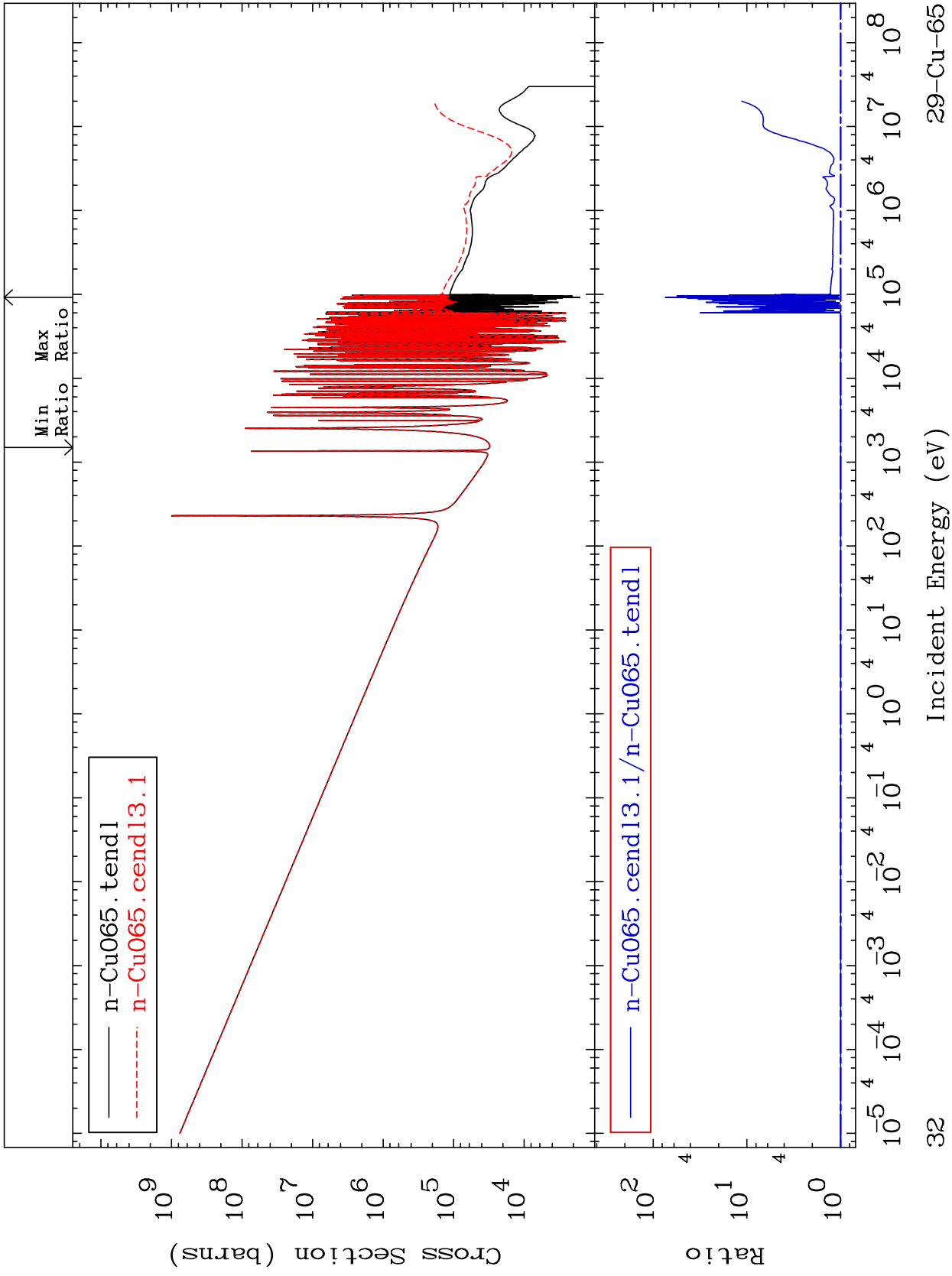
29-Cu-65  
-19.08 To 35.18 %



MAT 2931

Kerma capture (mt102)  
Cross Section

29-Cu-65  
-0.140 To 7279. %

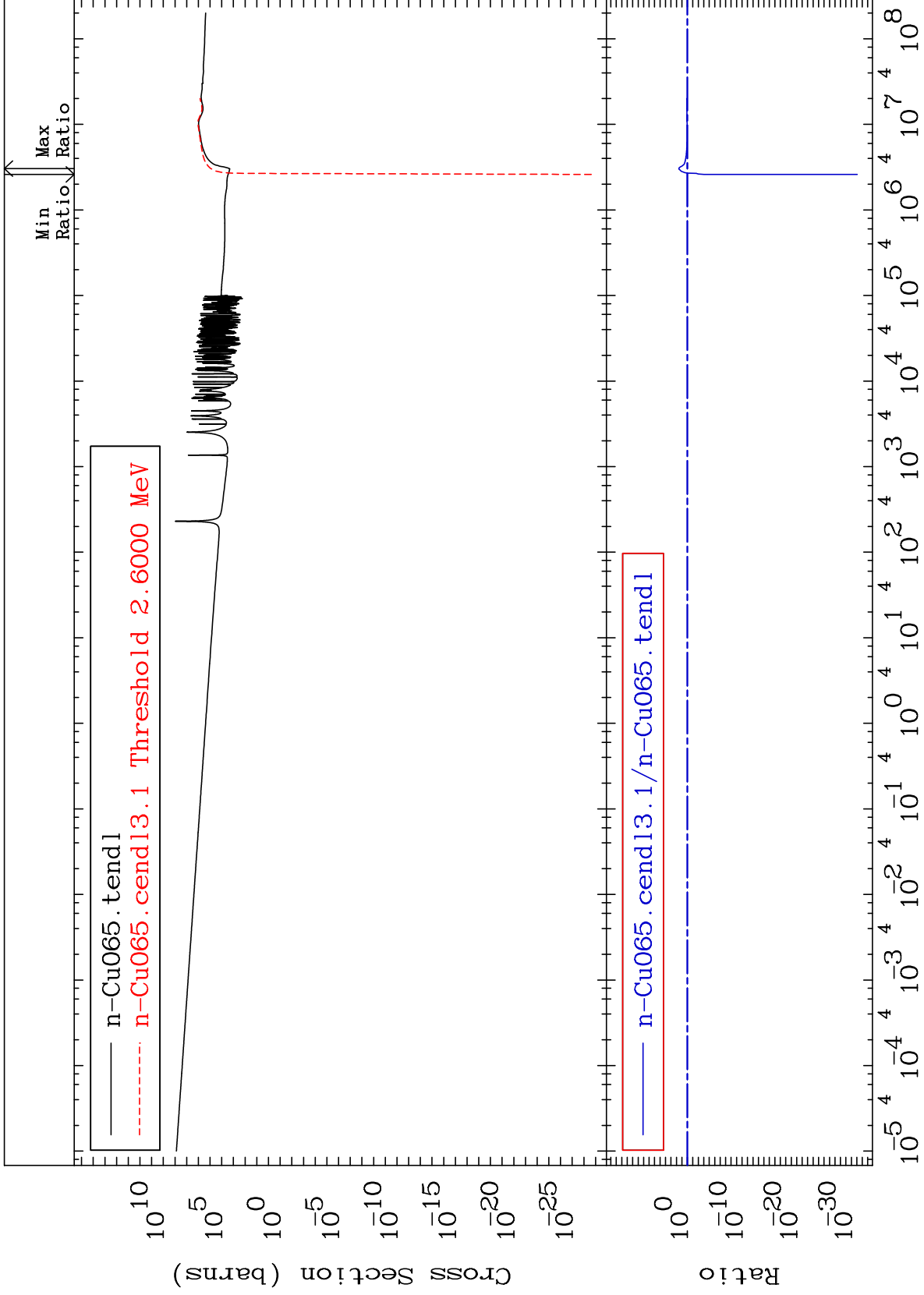




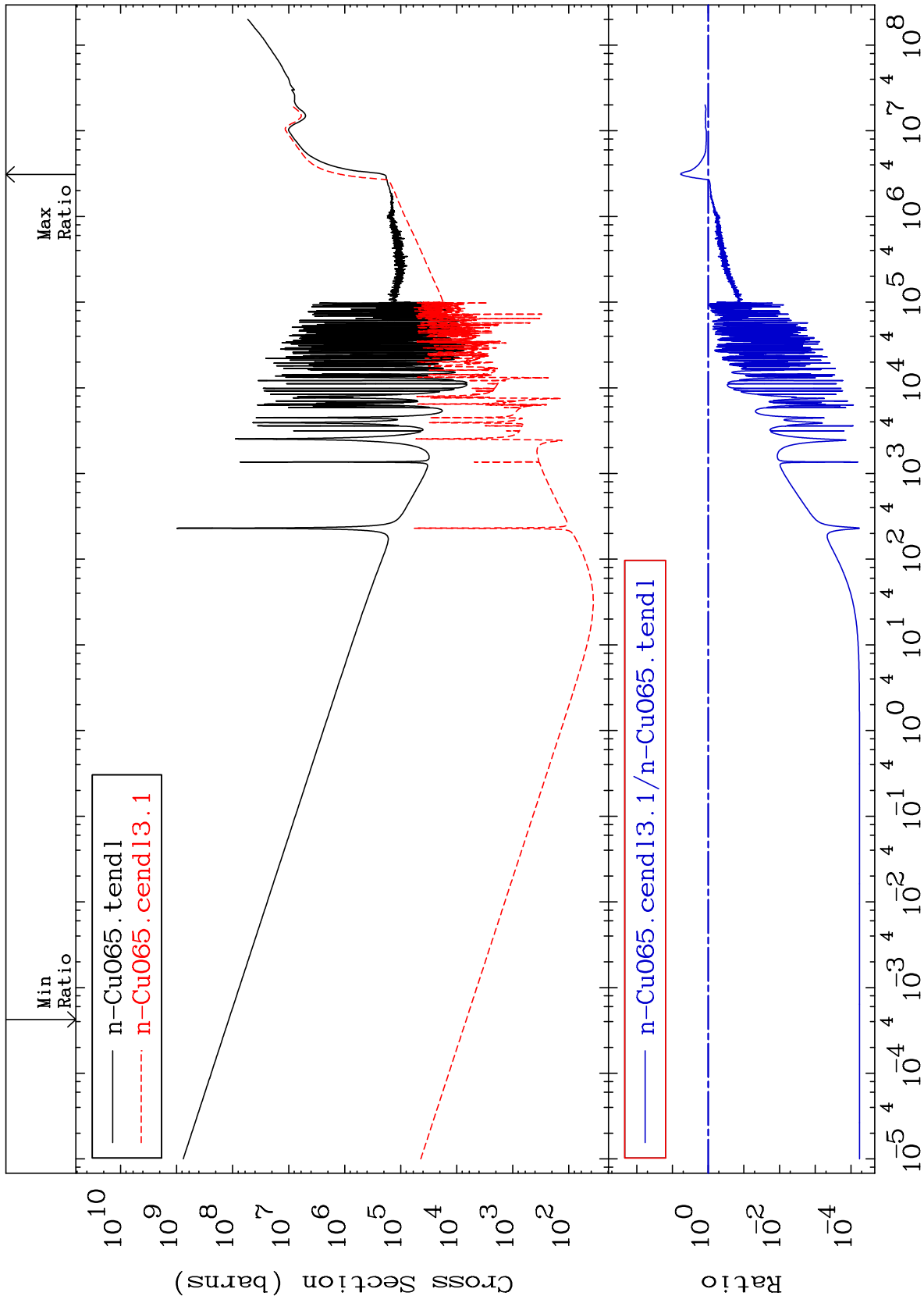
MAT 2931

Total photon (eV-barns)  
Cross Section

29-Cu-65  
-100.0 To 3843. %



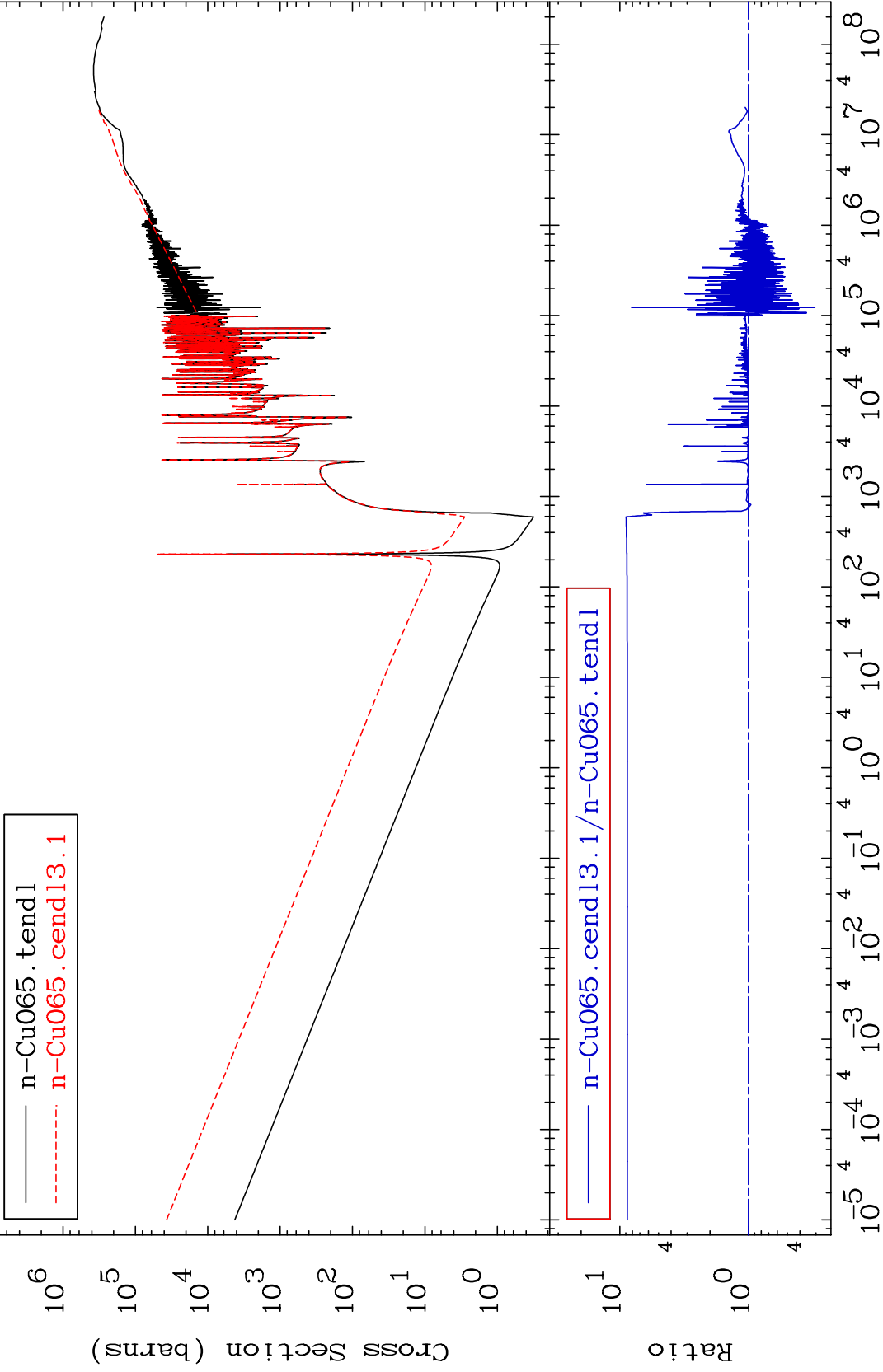
MAT 2931 Total kinematic kerma (high limit) 29-Cu-65  
 Cross Section -99.99 To 484.2 %

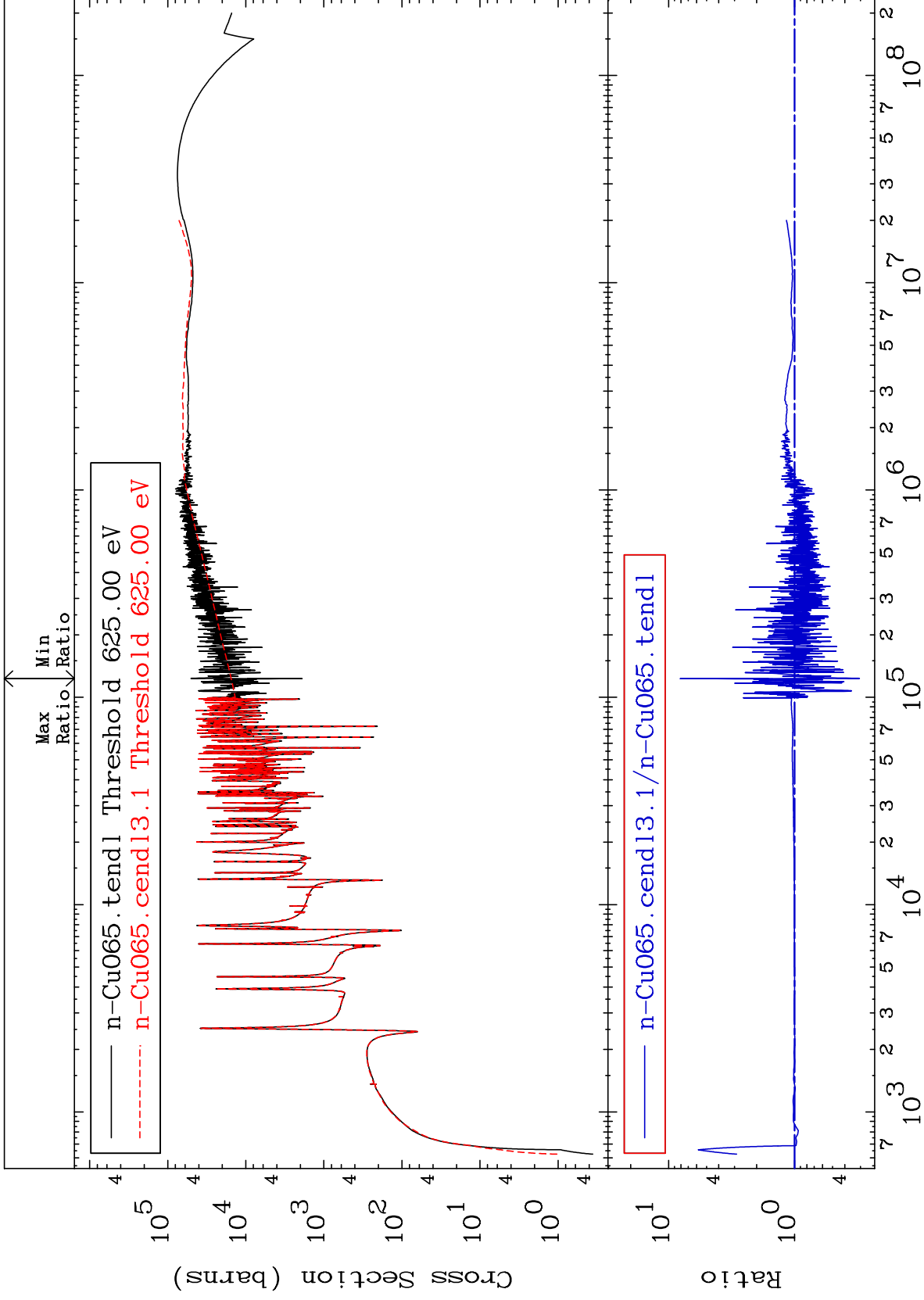


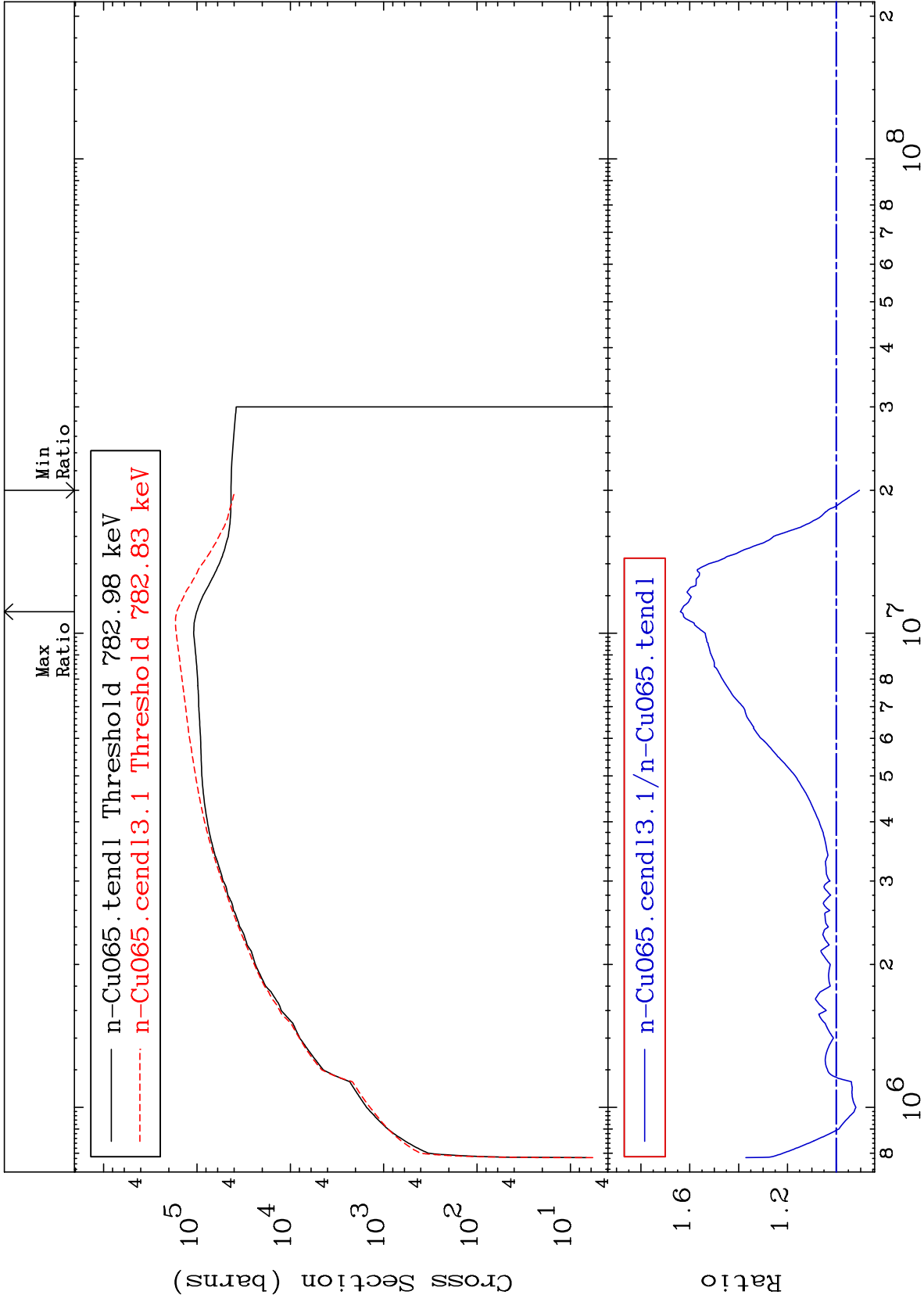
MAT 2931

Dpa total (eV-barns)  
Cross Section

29-Cu-65  
-69.36 To 794.8 %







MAT 2931

Dpa disappearance (mt102 -120)  
Cross Section

29-Cu-65  
17.75 To 9999. %

