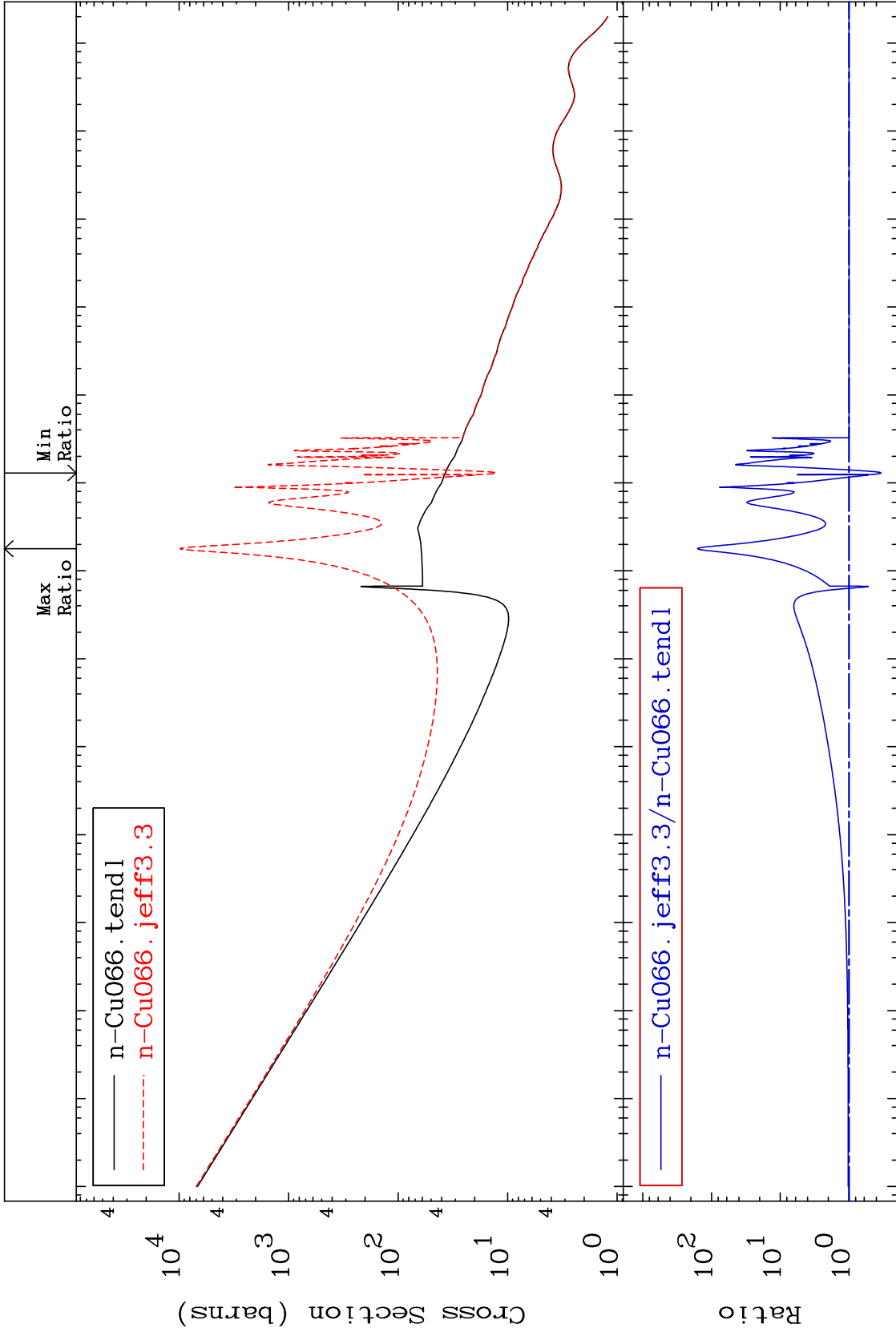


MAT 2934

29-Cu-66

-65.91 To 9999. %

Total  
Cross Section



Incident Energy (eV)

29-Cu-66

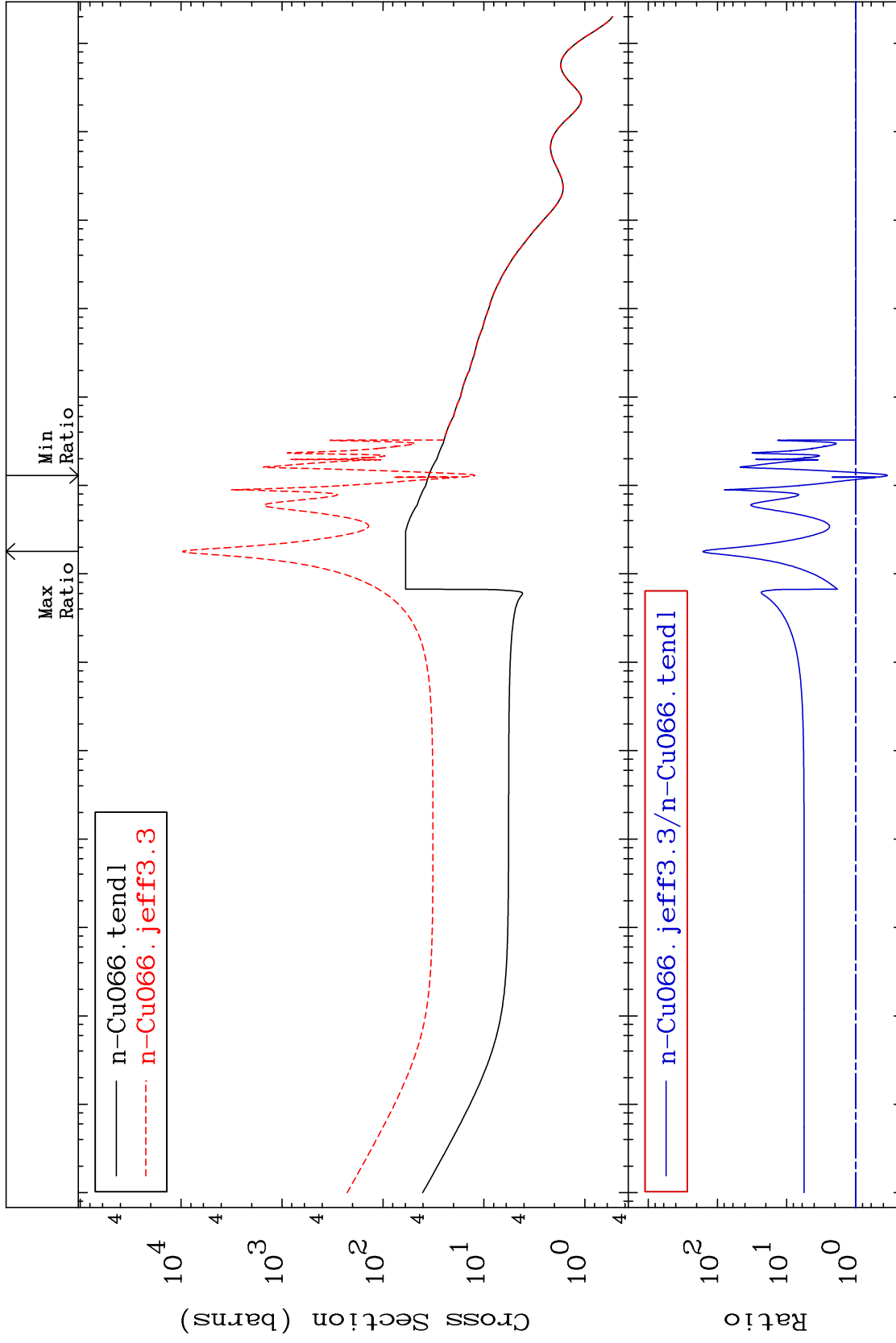
MAT 2934

Elastic

29-Cu-66

Cross Section

-65.06 To 9999. %



Incident Energy (eV)

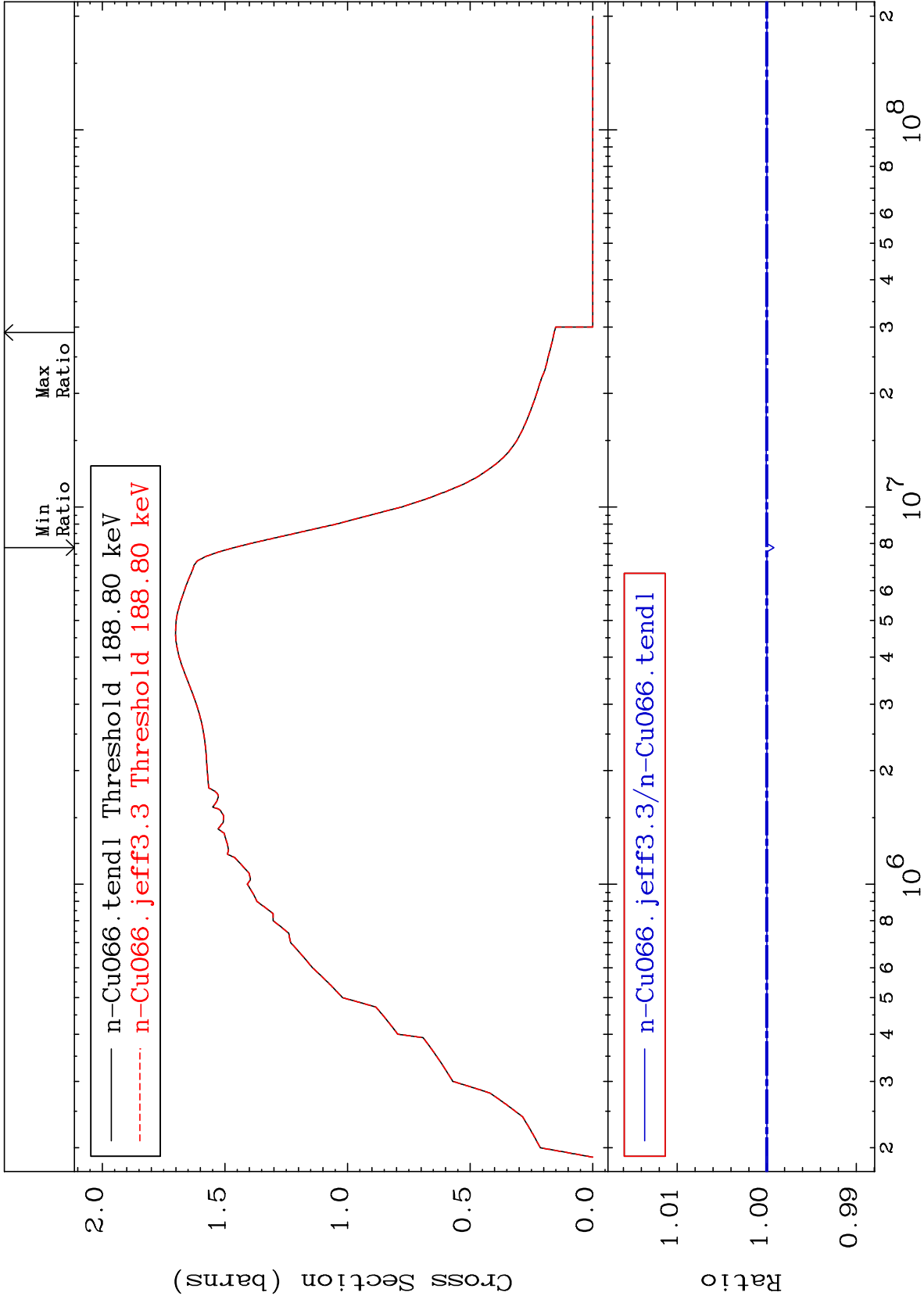
29-Cu-66

MAT 2934

29-Cu-66

Inelastic  
Cross Section

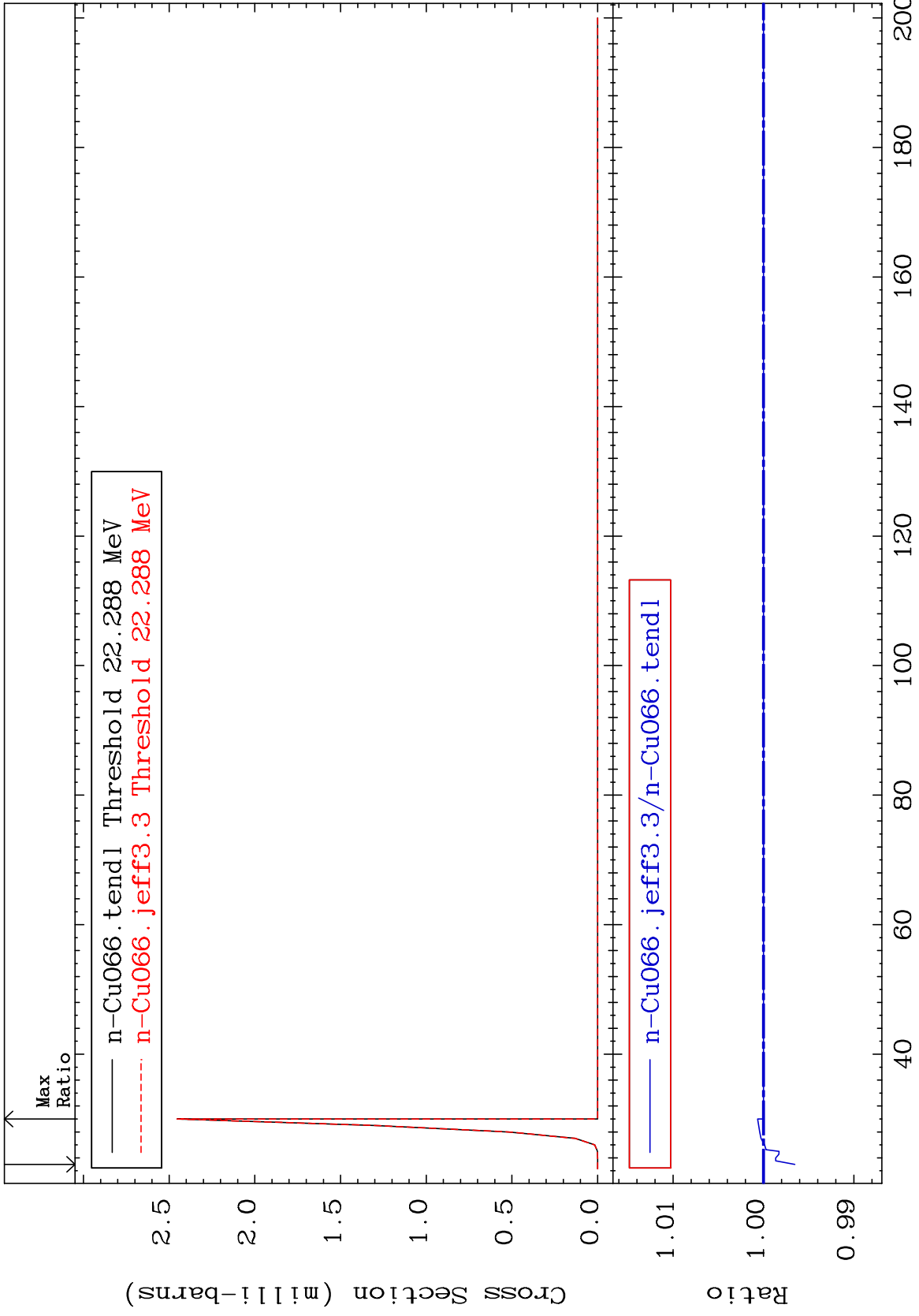
-0.079 To 0.009 %



MAT 2934

(n,2n) d  
Cross Section

29-Cu-66  
-0.348 To 0.066 %



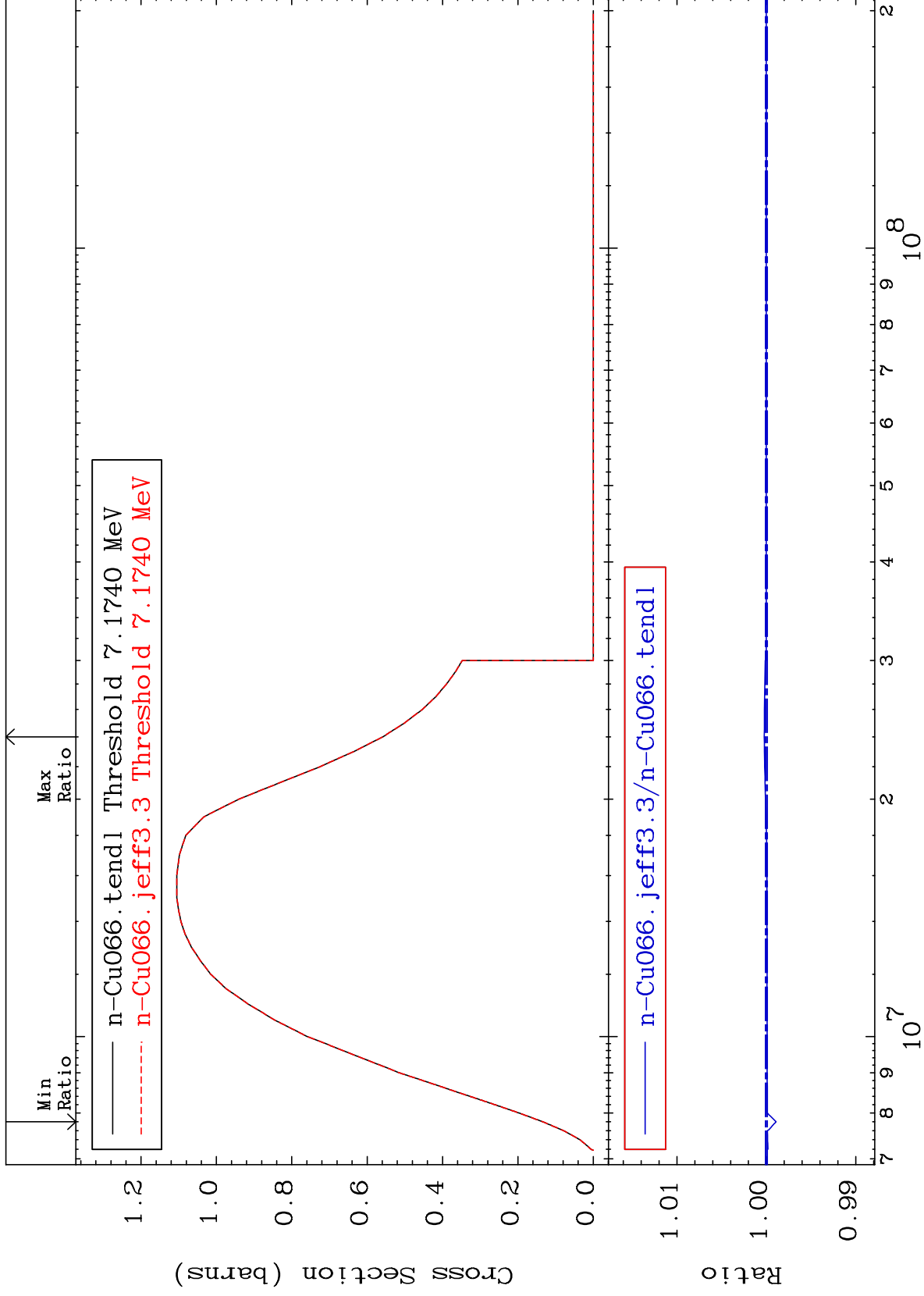
MAT 2934

(n,2n)

29-Cu-66

Cross Section

-0.108 To 0.023 %



5

Incident Energy (eV)

29-Cu-66

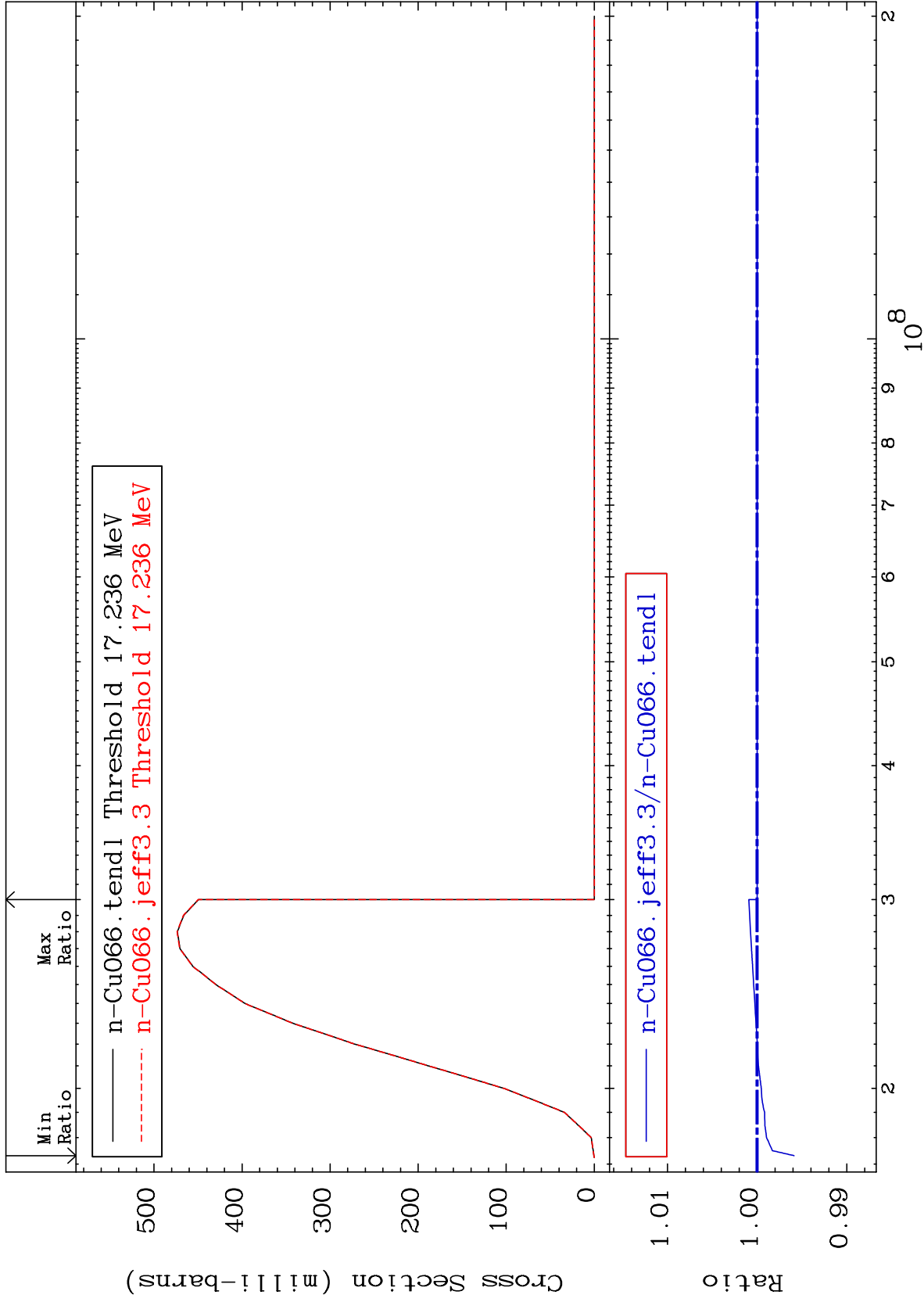
MAT 2934

(n,3n)

29-Cu-66

Cross Section

-0.412 To 0.091 %



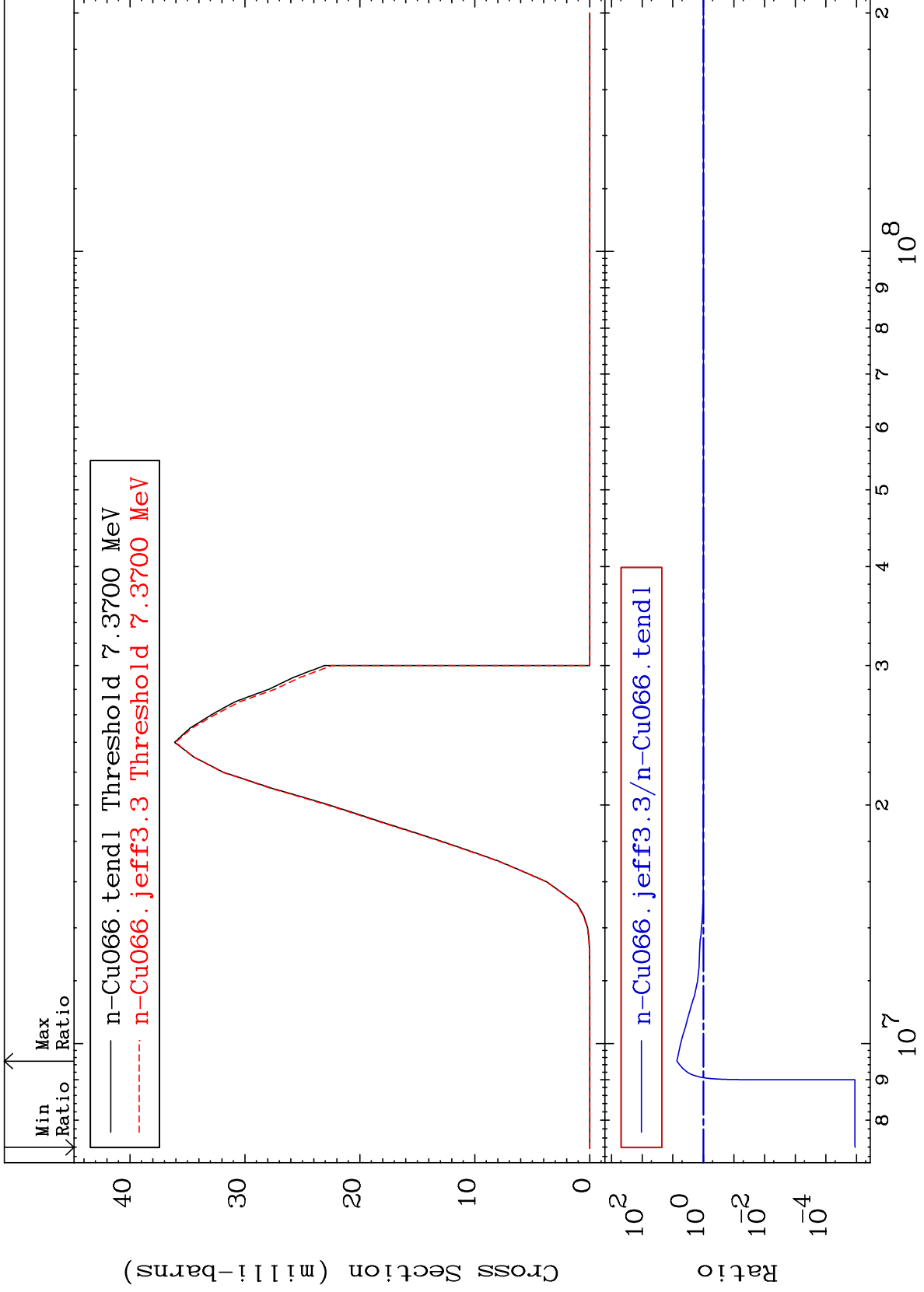
6

29-Cu-66

MAT 2934

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

29-Cu-66  
-100.0 To 632.5 %



7

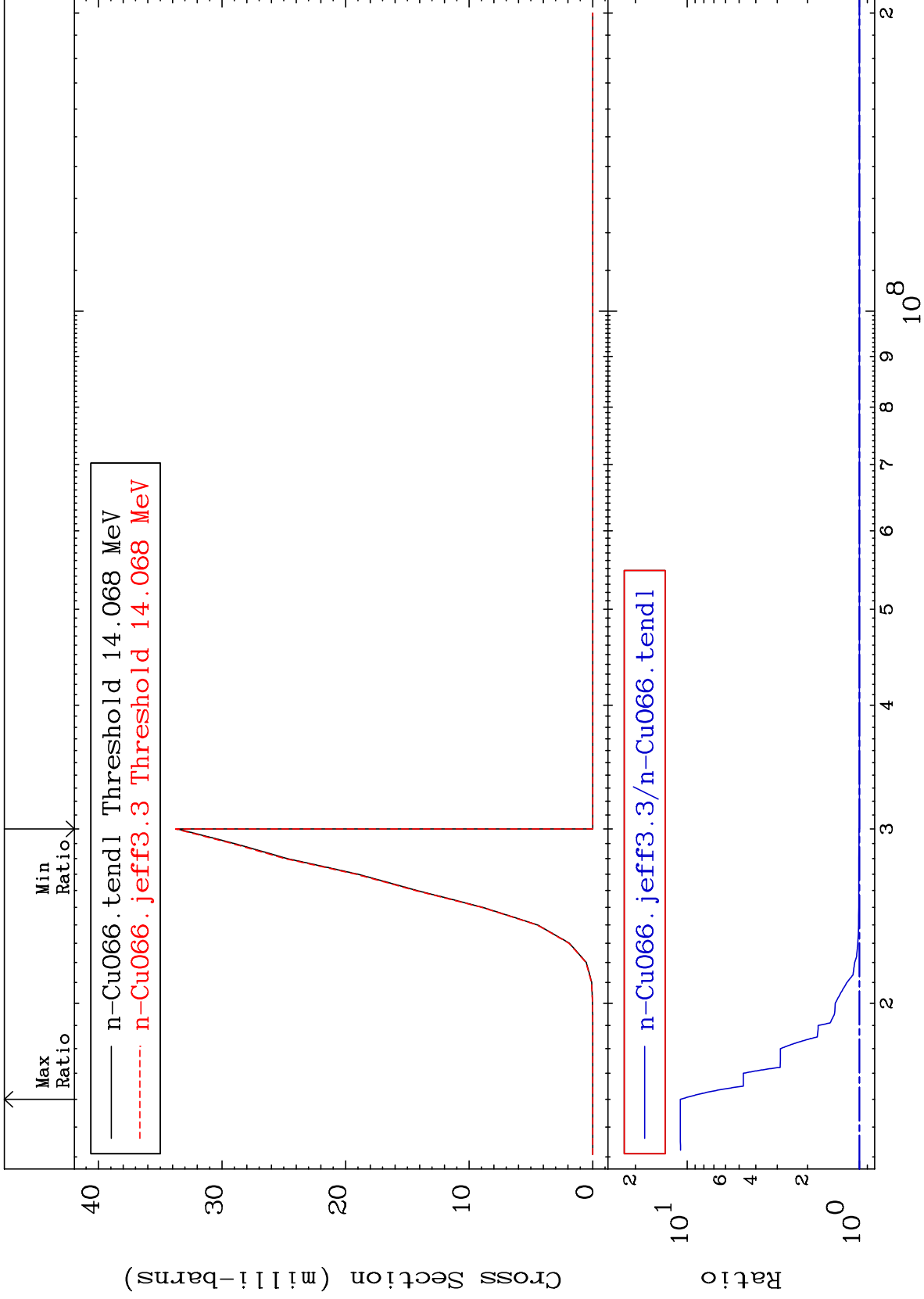
Incident Energy (eV)

29-Cu-66

MAT 2934

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

29-Cu-66  
To 997.0 %  
0.000

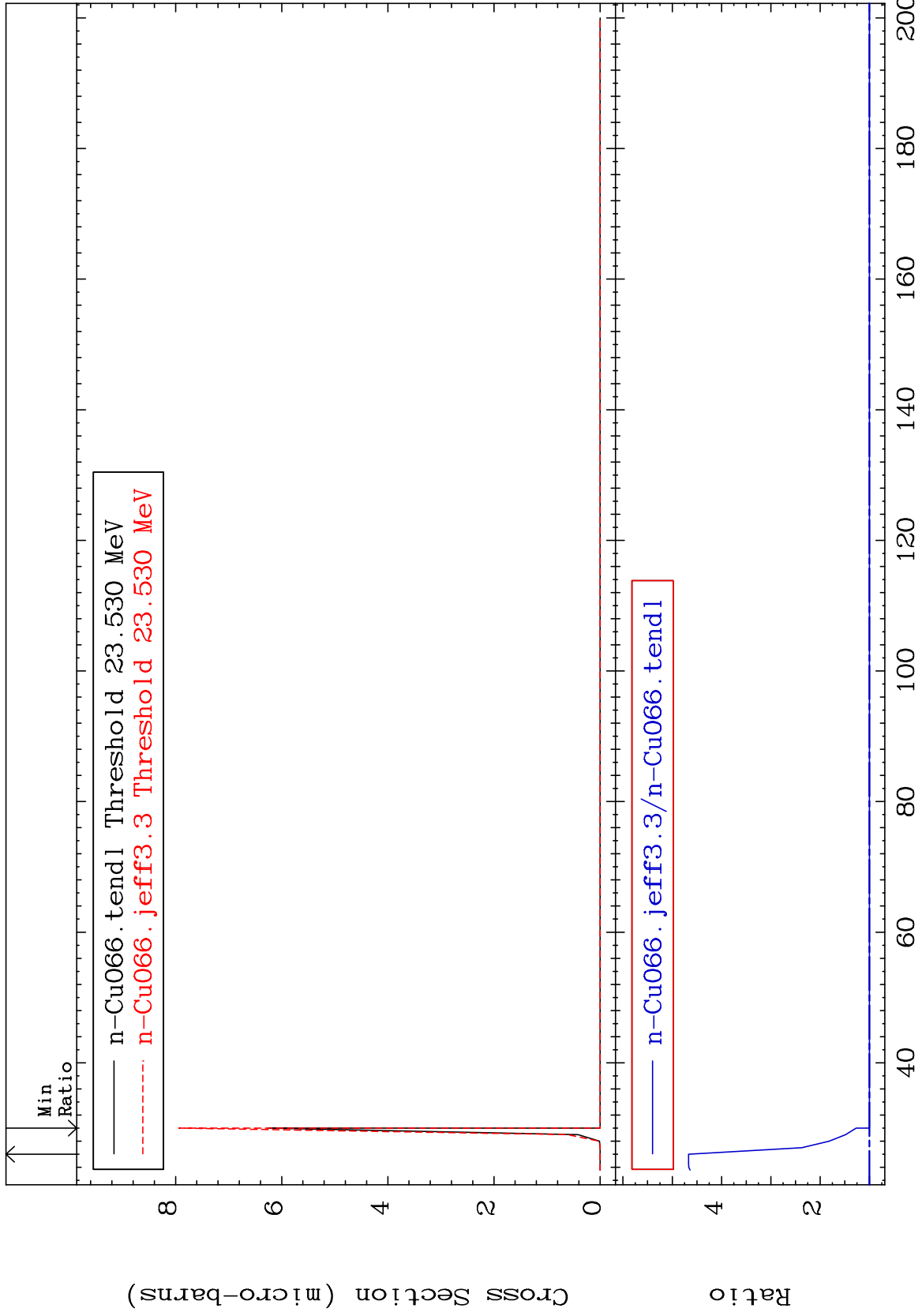




MAT 2934

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

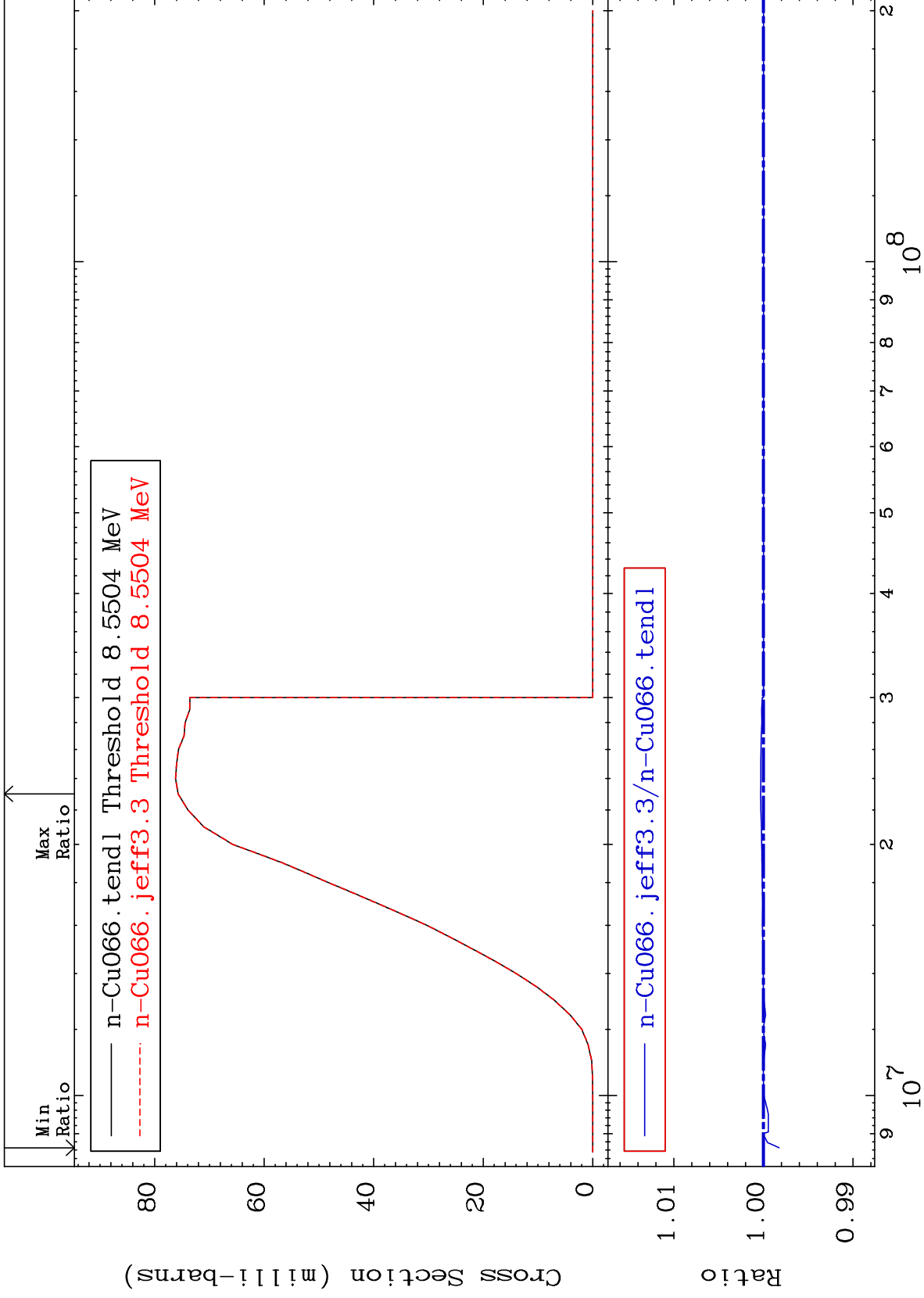
29-Cu-66  
To 366.8 %  
0.000



MAT 2934

(n,n') p  
Cross Section

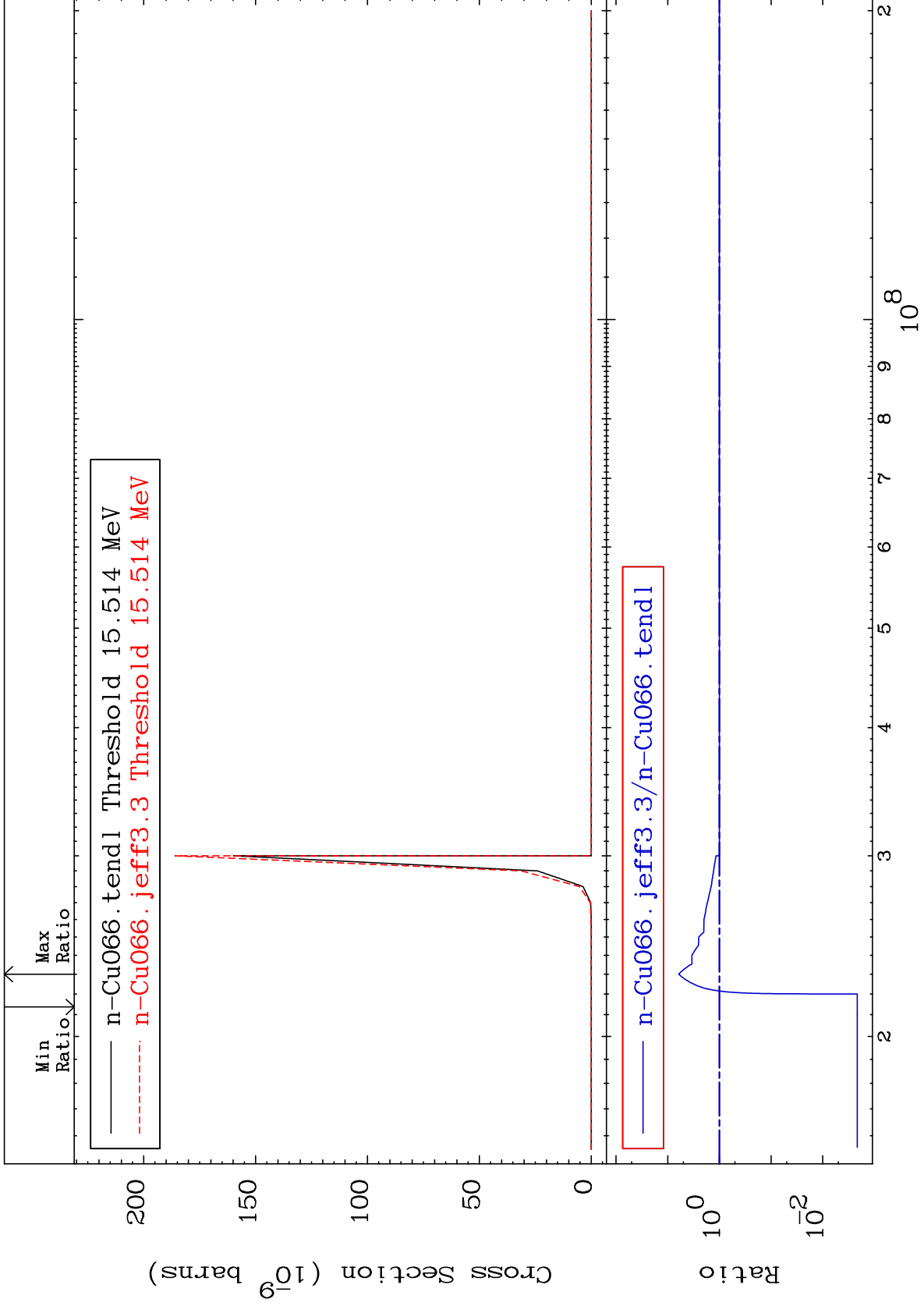
29-Cu-66  
-0.176 To 0.032 %



MAT 2934

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

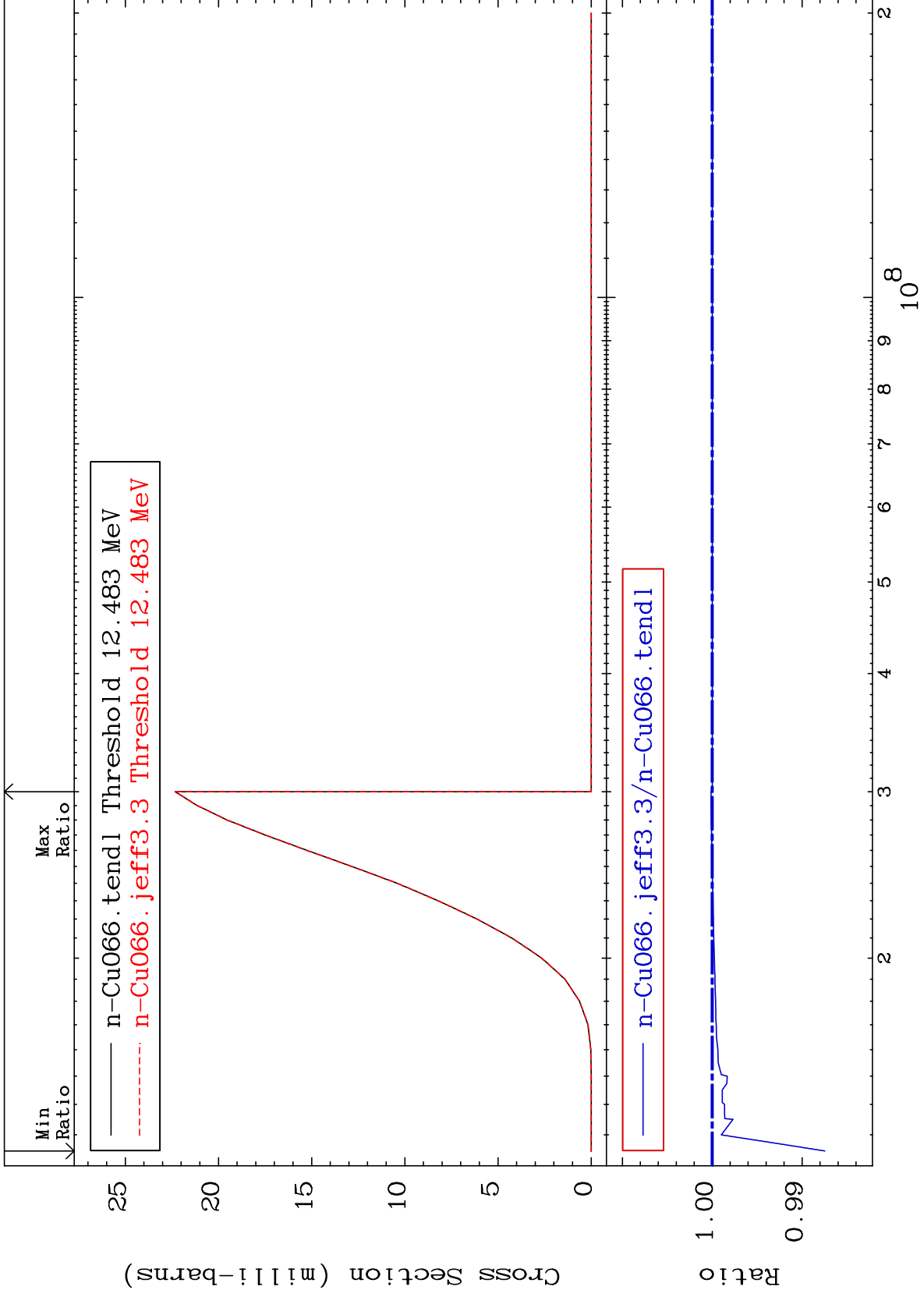
29-Cu-66  
-99.78 To 515.4 %



MAT 2934

(n,n') d  
Cross Section

29-Cu-66  
-1.254 To 0.013 %



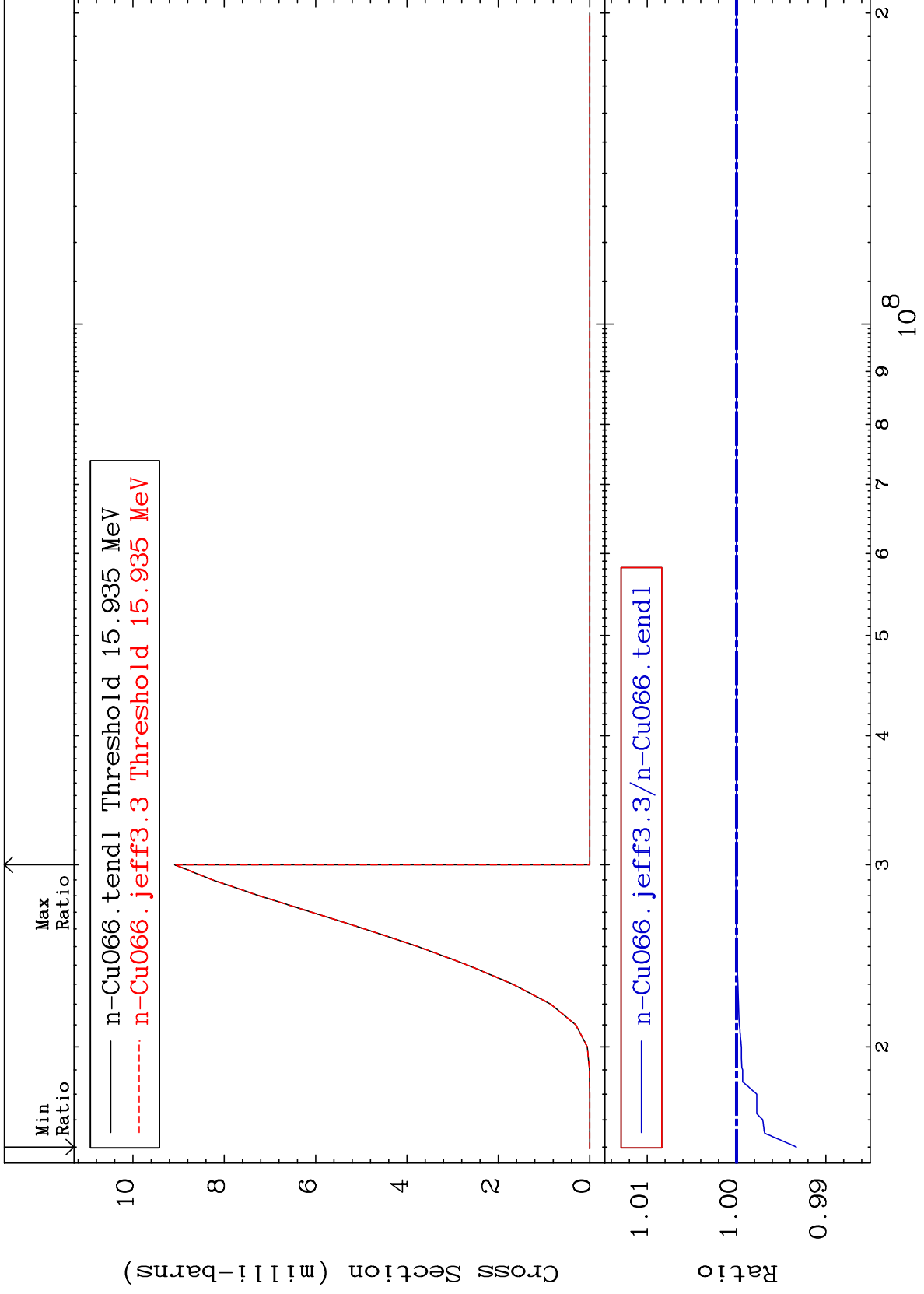
MAT 2934

(n,n') t

29-Cu-66

Cross Section

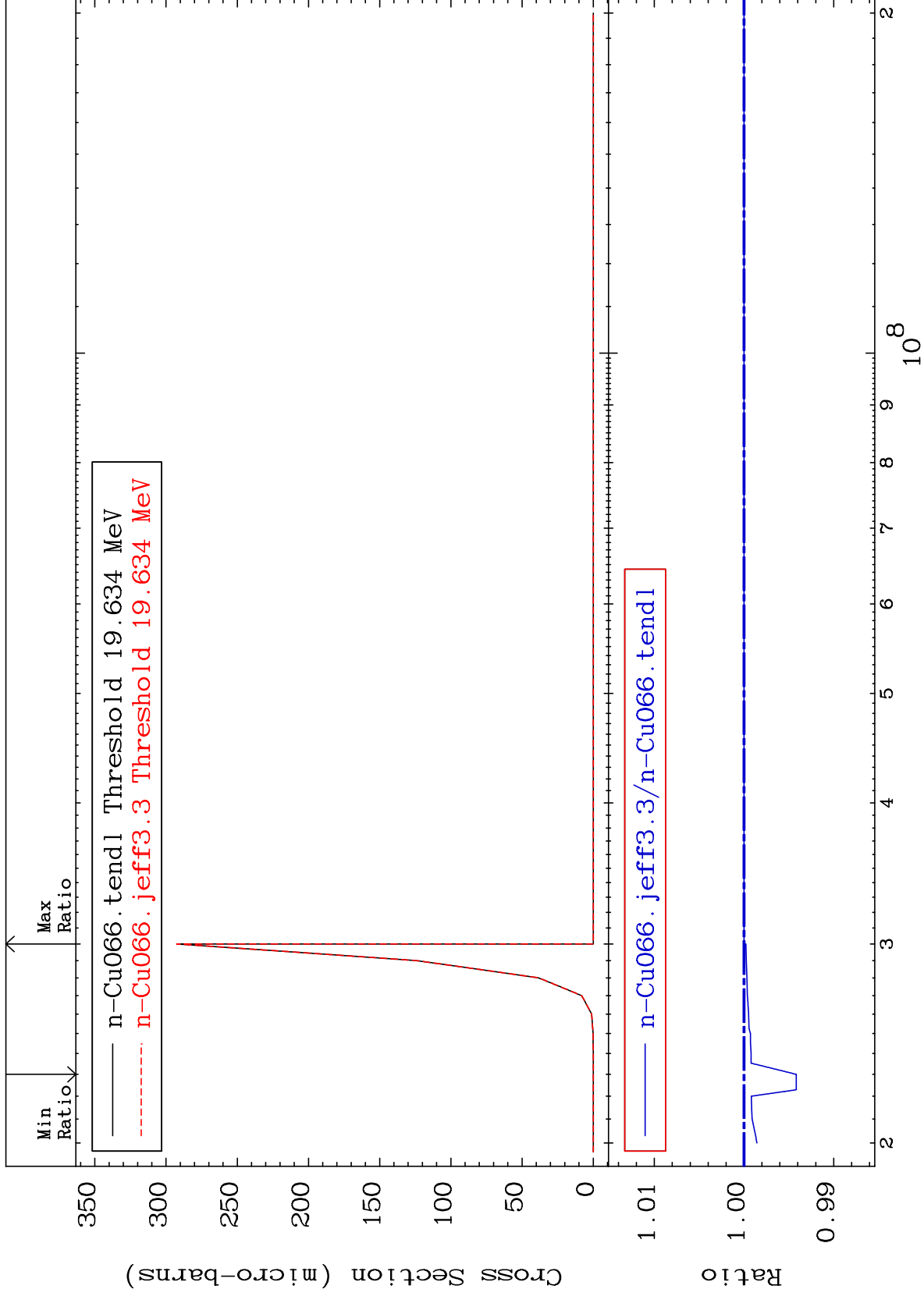
-0.670 To 0.010 %



MAT 2934

(n, n') He-3  
Cross Section

29-Cu-66  
-0.583 To 0.000 %



14

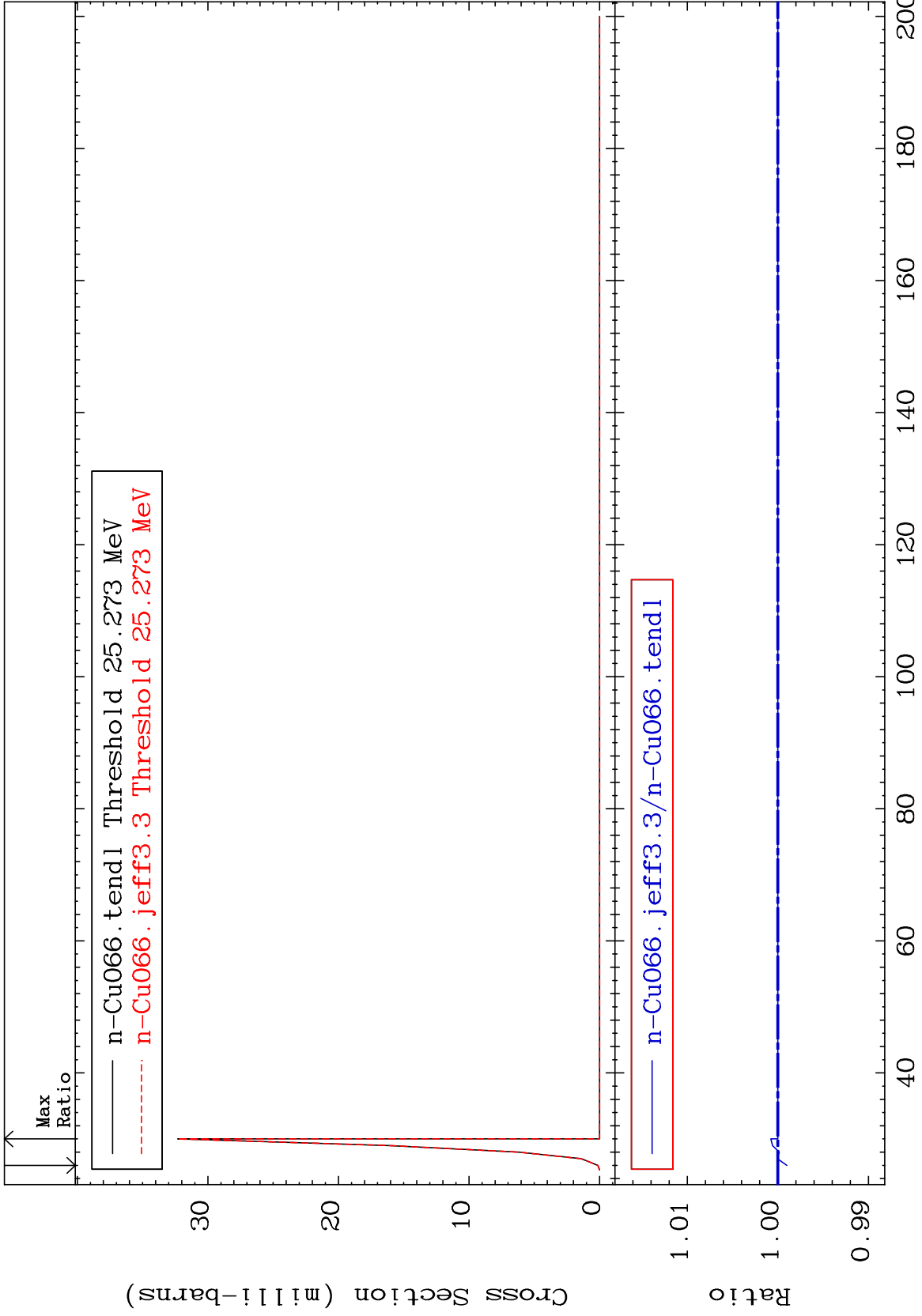
Incident Energy (eV)

29-Cu-66

MAT 2934

(n,4n)  
Cross Section

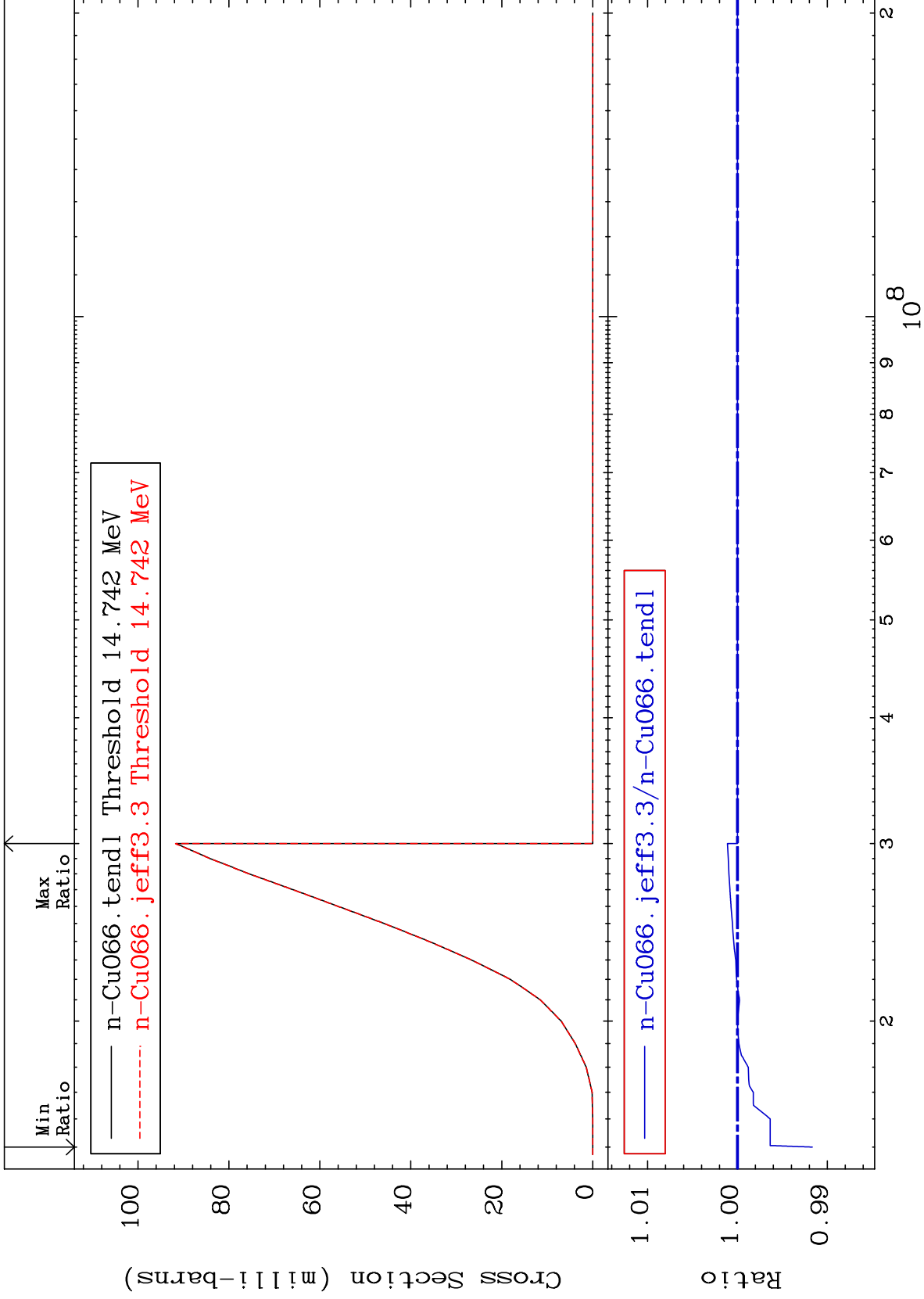
29-Cu-66  
-0.099 To 0.078 %



MAT 2934

(n,2n) p  
Cross Section

29-Cu-66  
-0.834 To 0.112 %

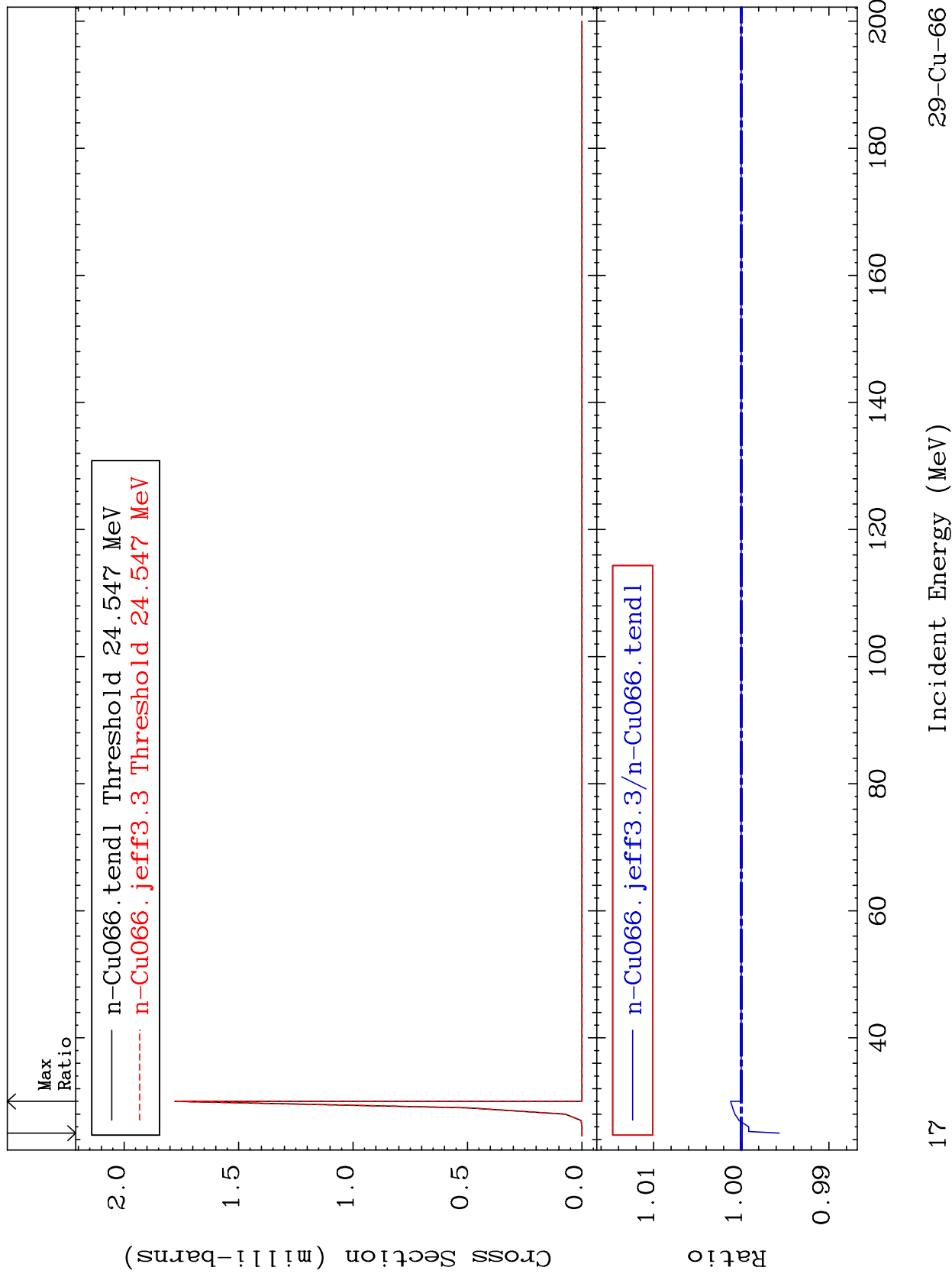




MAT 2934

(n,3n) p  
Cross Section

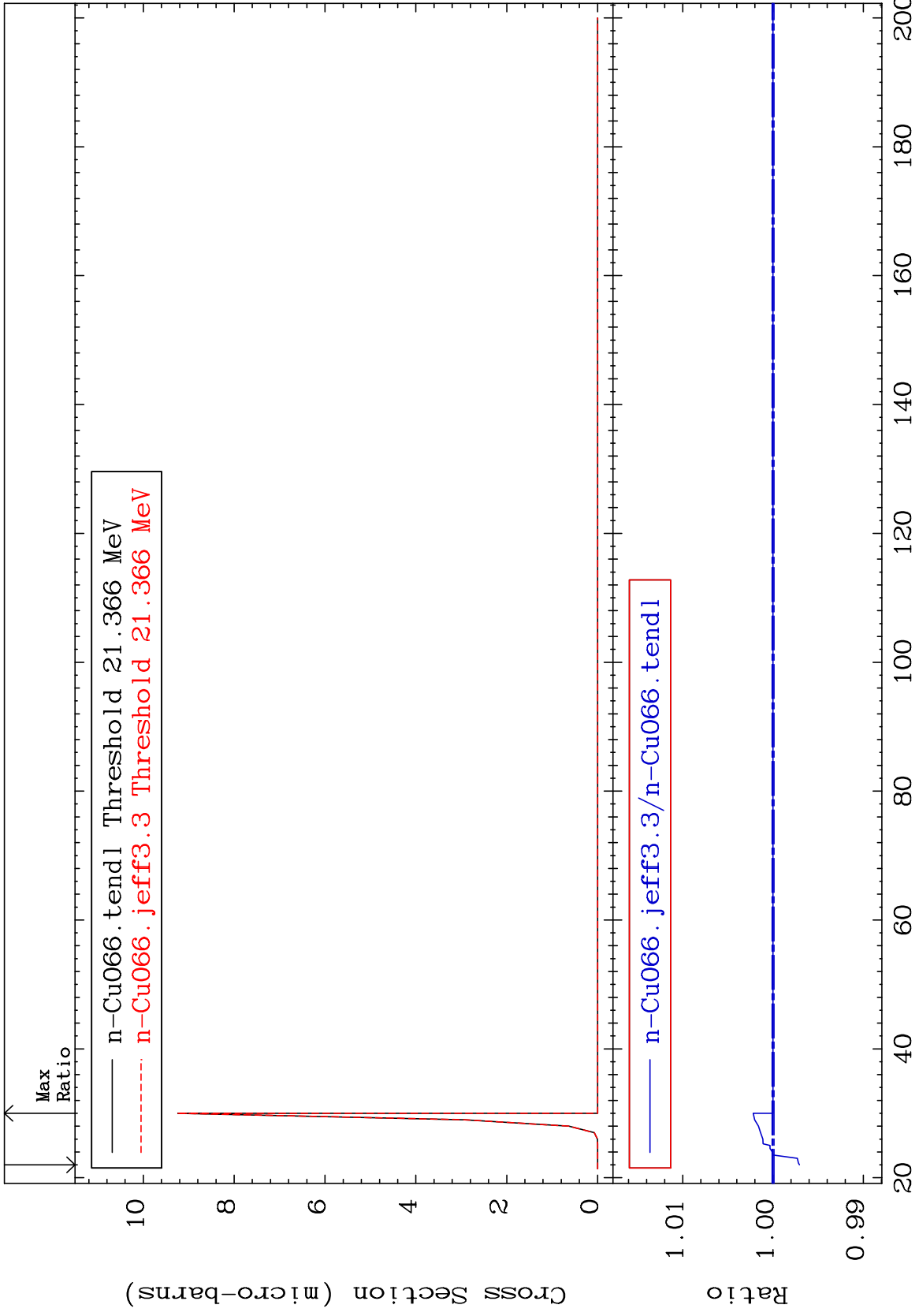
<sup>29</sup>-Cu-66  
-0.434 To 0.122 %



MAT 2934

(n,2n) p  
Cross Section

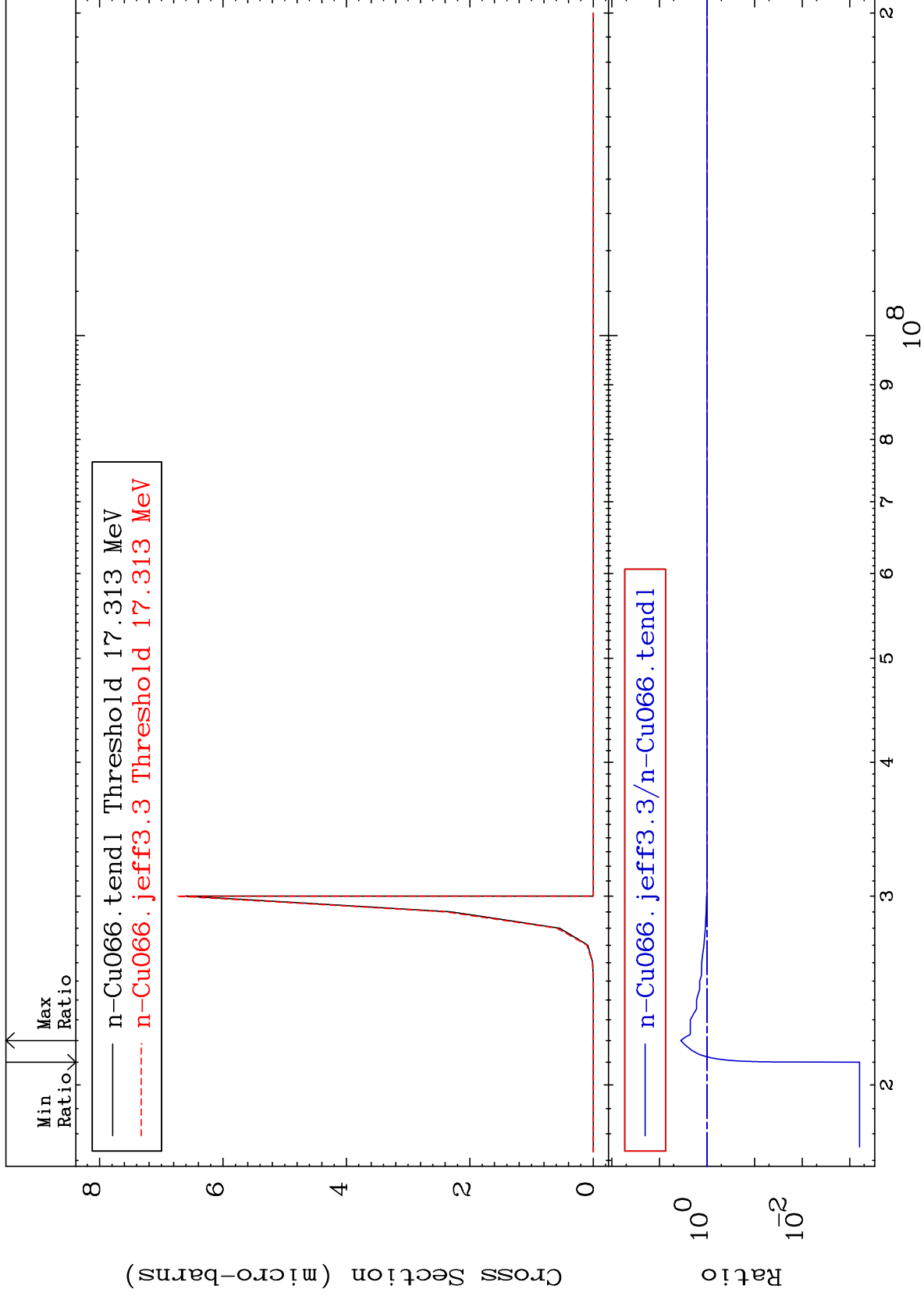
29-Cu-66  
-0.292 To 0.220 %



MAT 2934

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

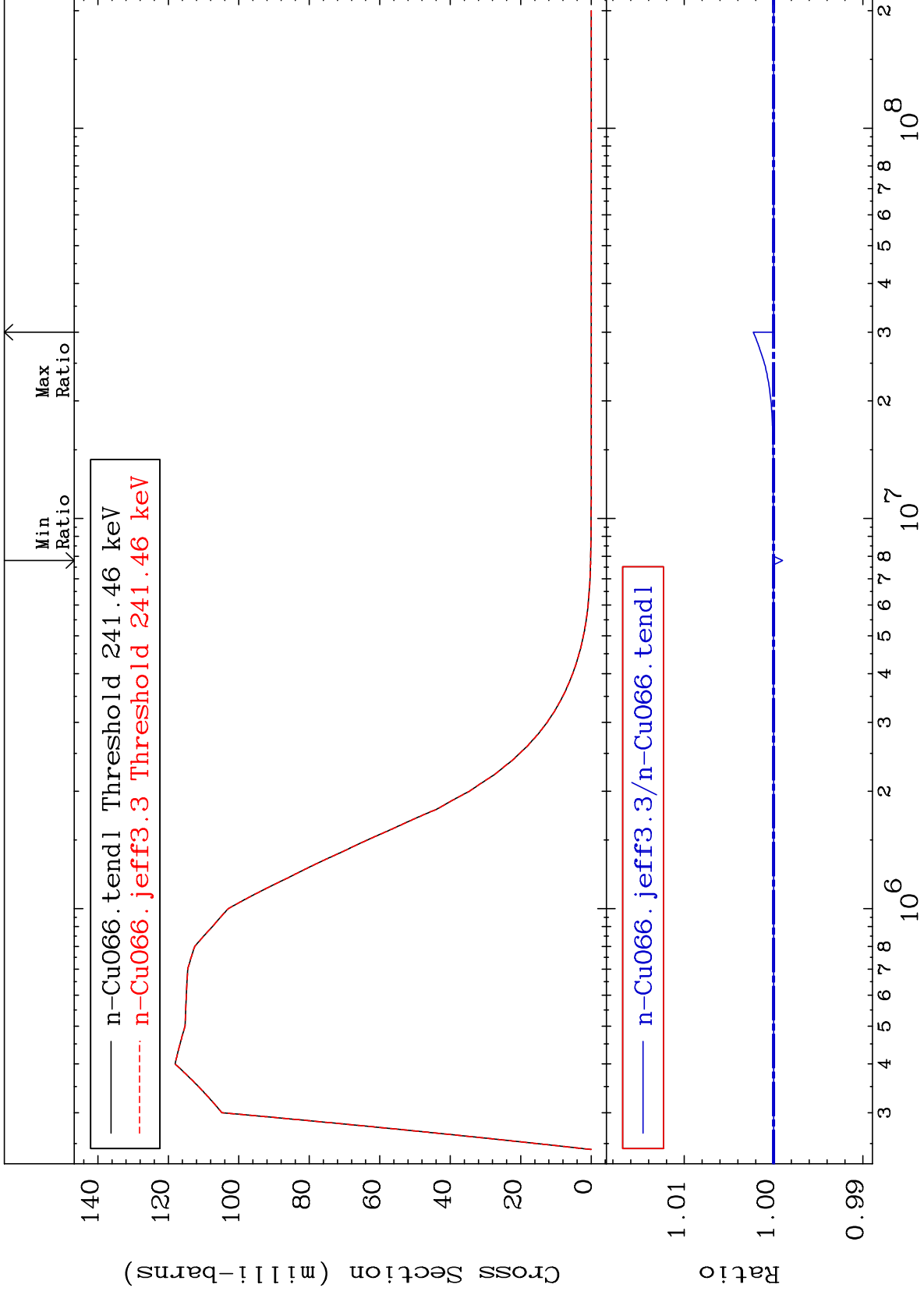
29-Cu-66  
-99.94 To 256.0 %



MAT 2934

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

29-Cu-66  
-0.102 To 0.228 %



20

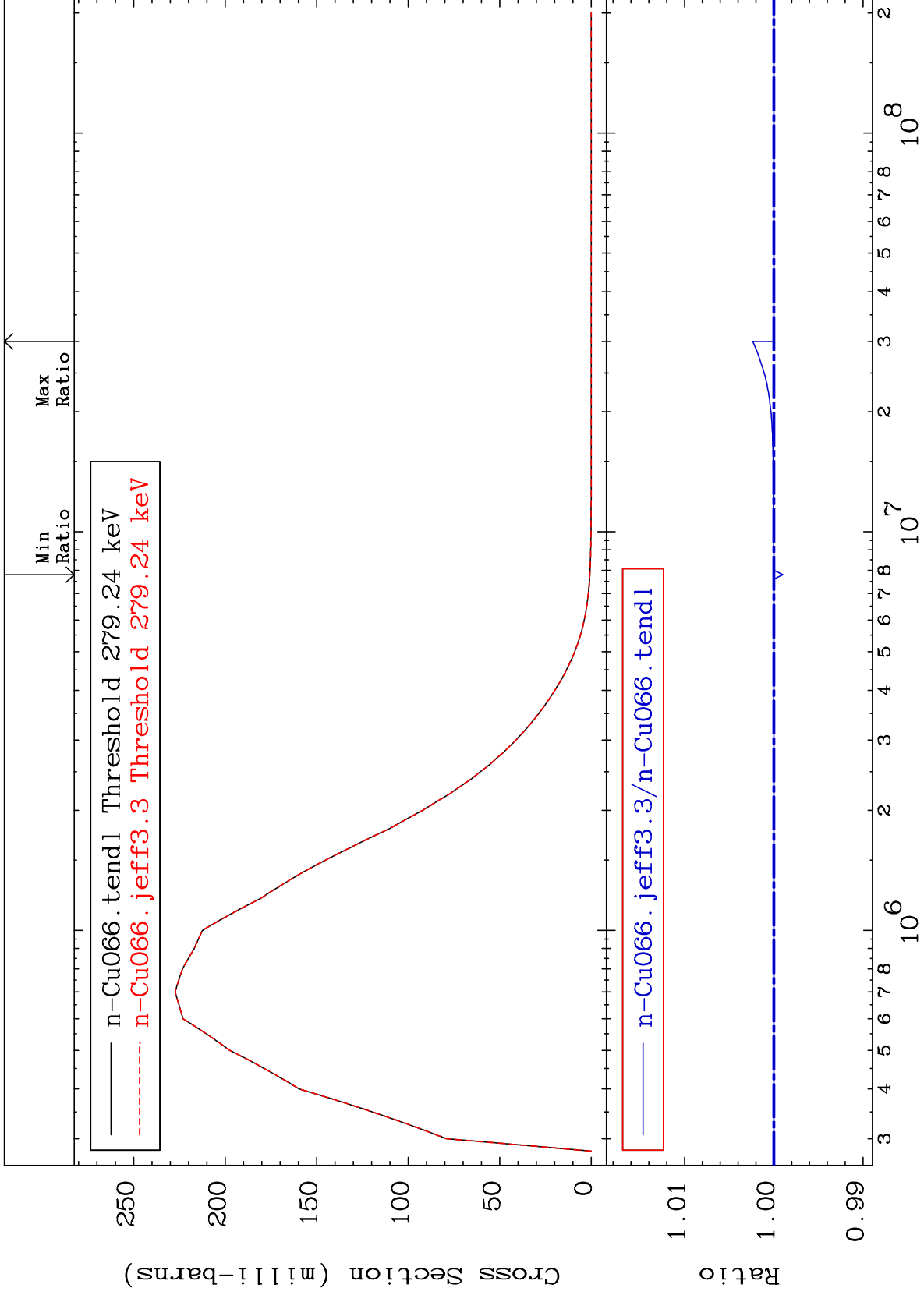
Incident Energy (eV)

29-Cu-66

MAT 2934

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

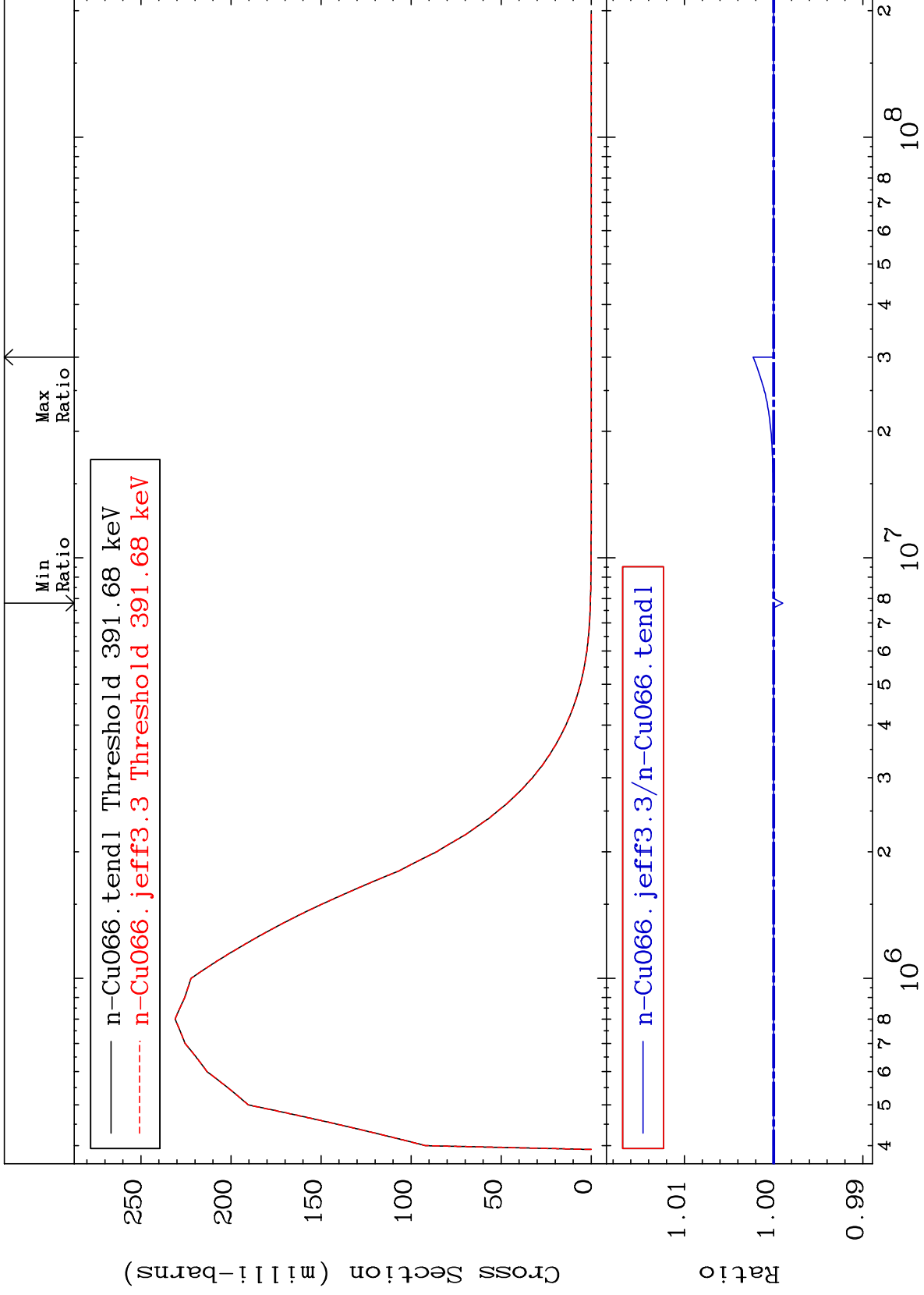
29-Cu-66  
-0.103 To 0.234 %



MAT 2934

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

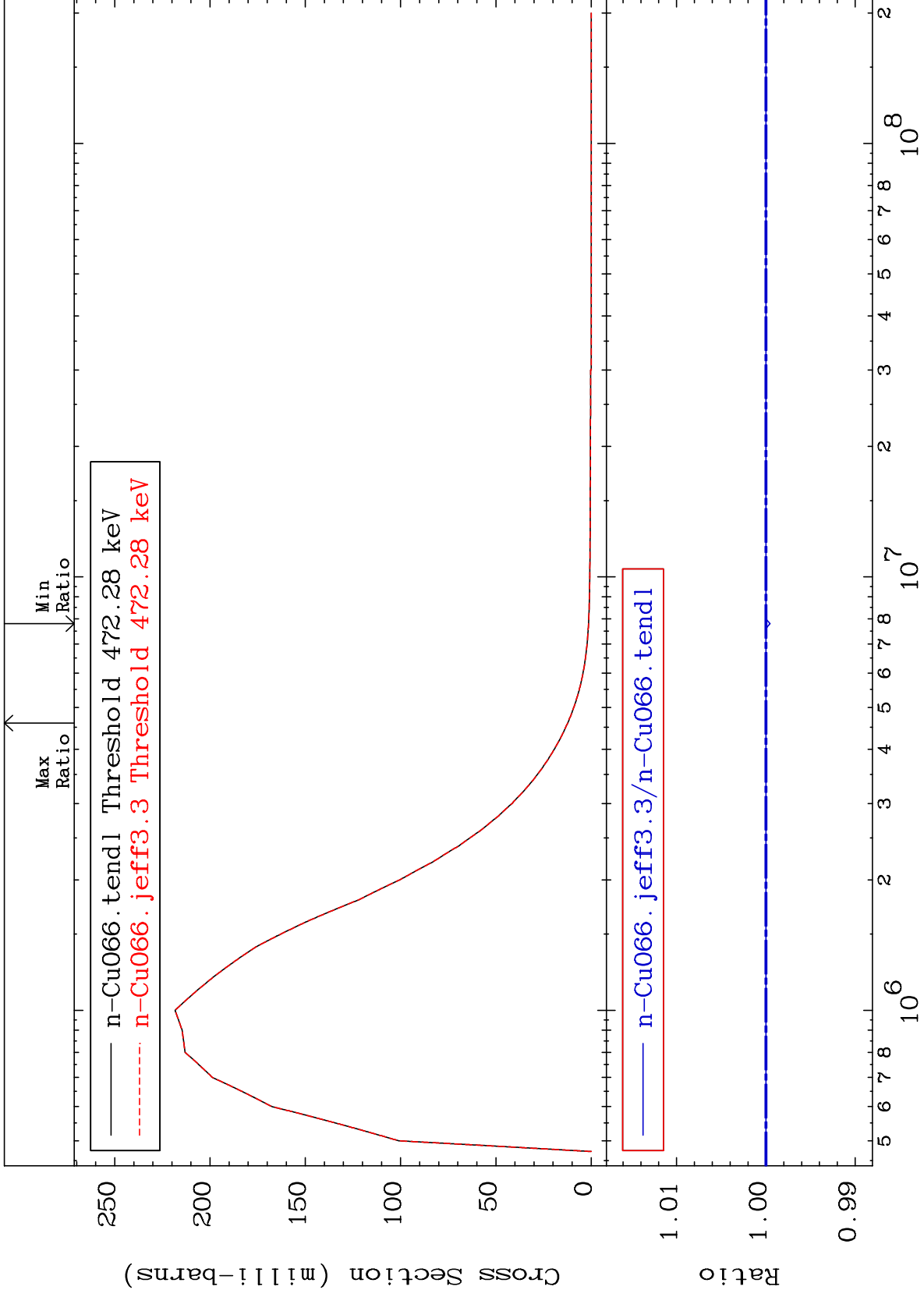
29-Cu-66  
-0.102 To 0.229 %



MAT 2934

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

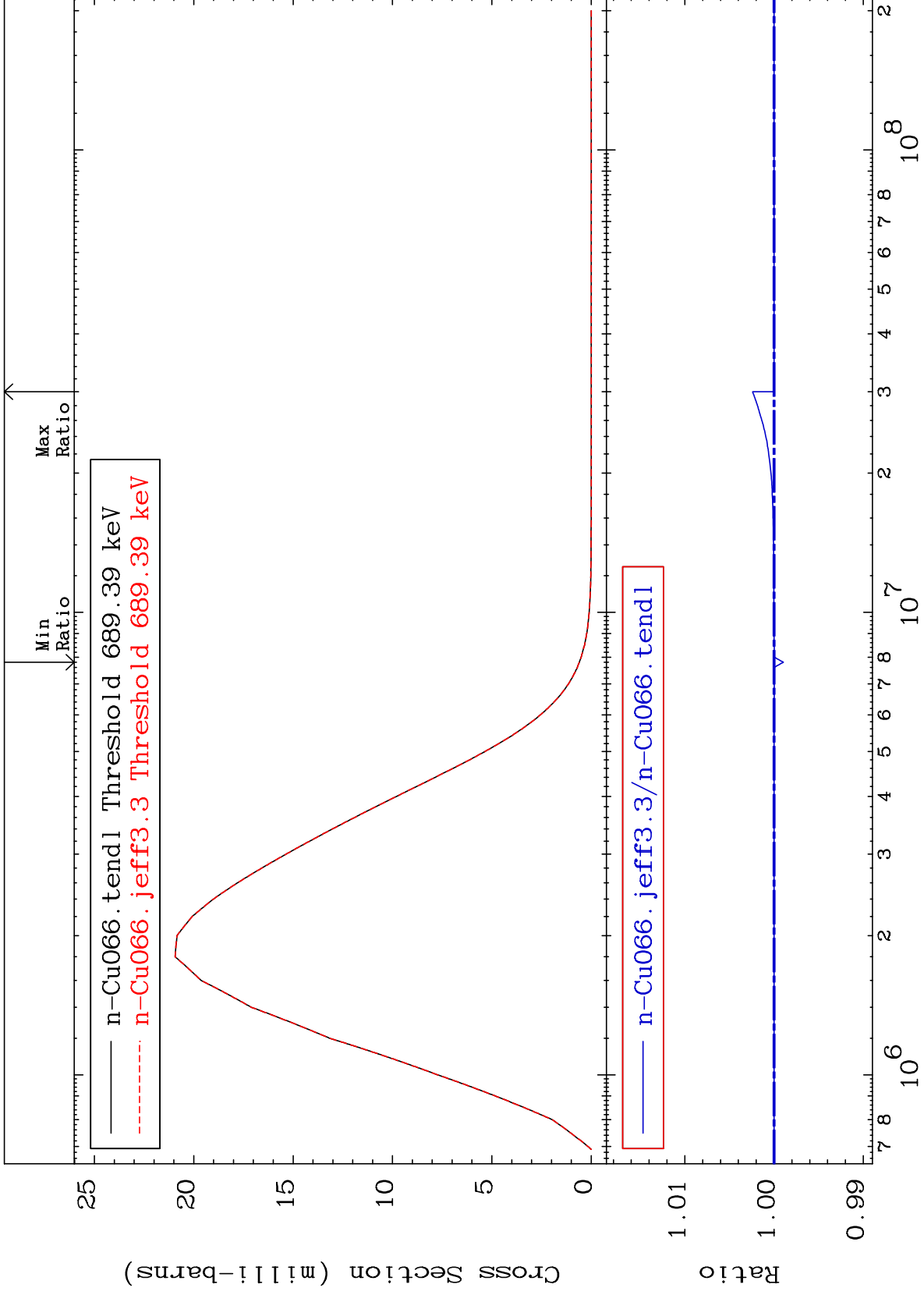
29-Cu-66  
-0.047 To 0.000 %



MAT 2934

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

29-Cu-66  
-0.104 To 0.241 %



24

Incident Energy (eV)

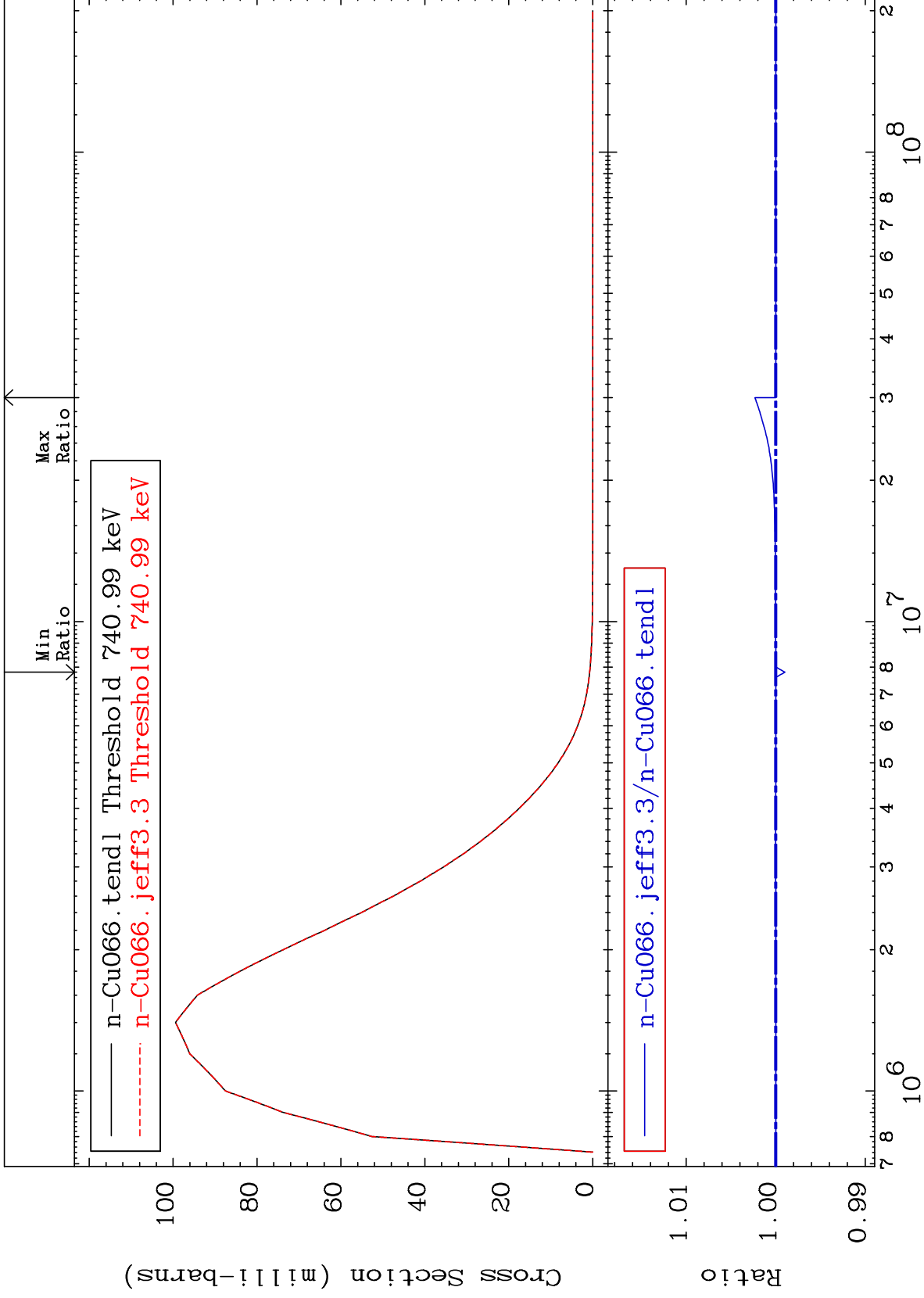
29-Cu-66



MAT 2934

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

29-Cu-66  
-0.103 To 0.233 %



25

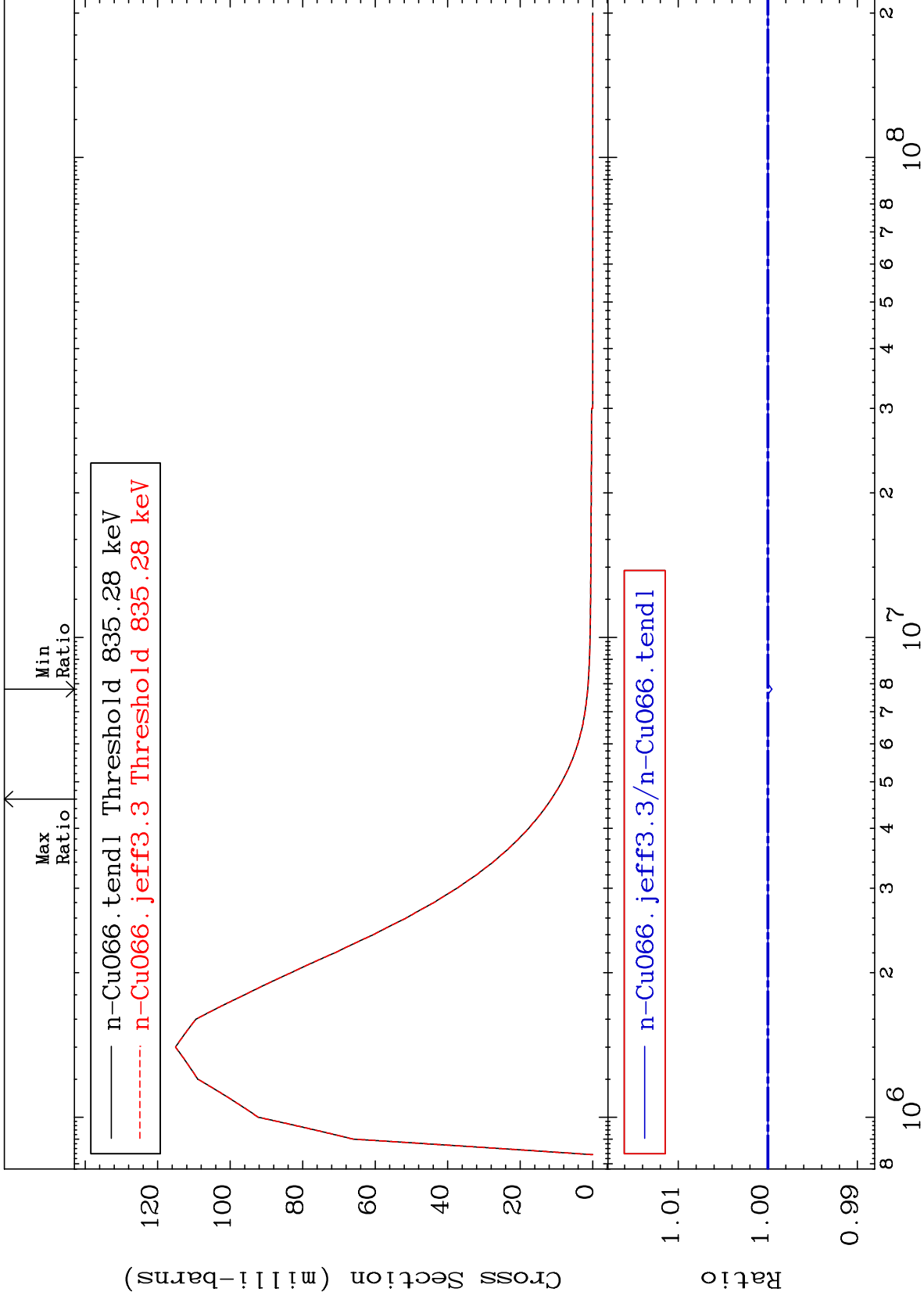
Incident Energy (eV)

29-Cu-66

MAT 2934

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

29-Cu-66  
-0.046 To 0.000 %



26

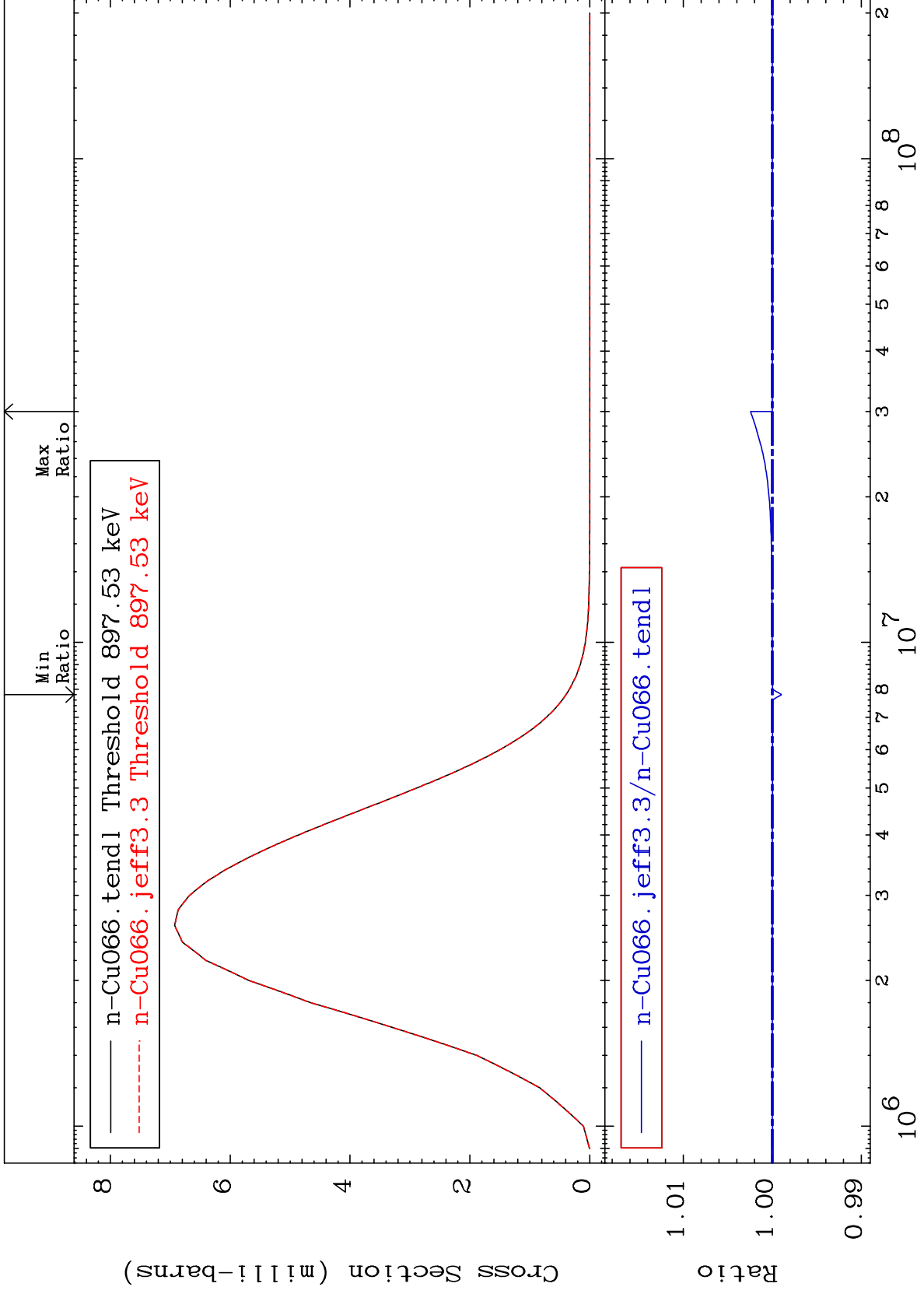
Incident Energy (eV)

29-Cu-66

MAT 2934

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

29-Cu-66  
-0.103 To 0.246 %



27

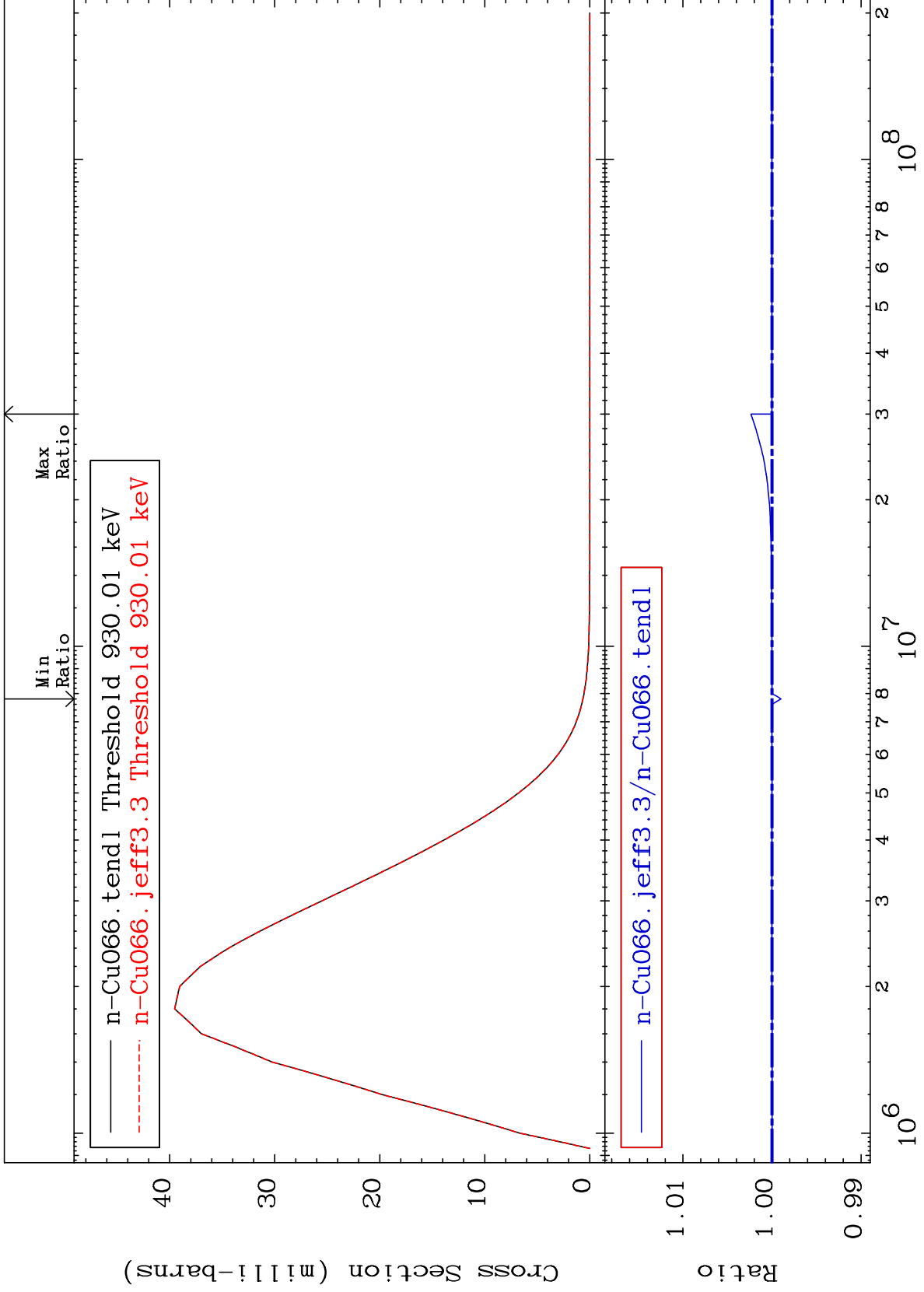
Incident Energy (eV)

29-Cu-66

MAT 2934

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

29-Cu-66  
-0.102 To 0.237 %



28

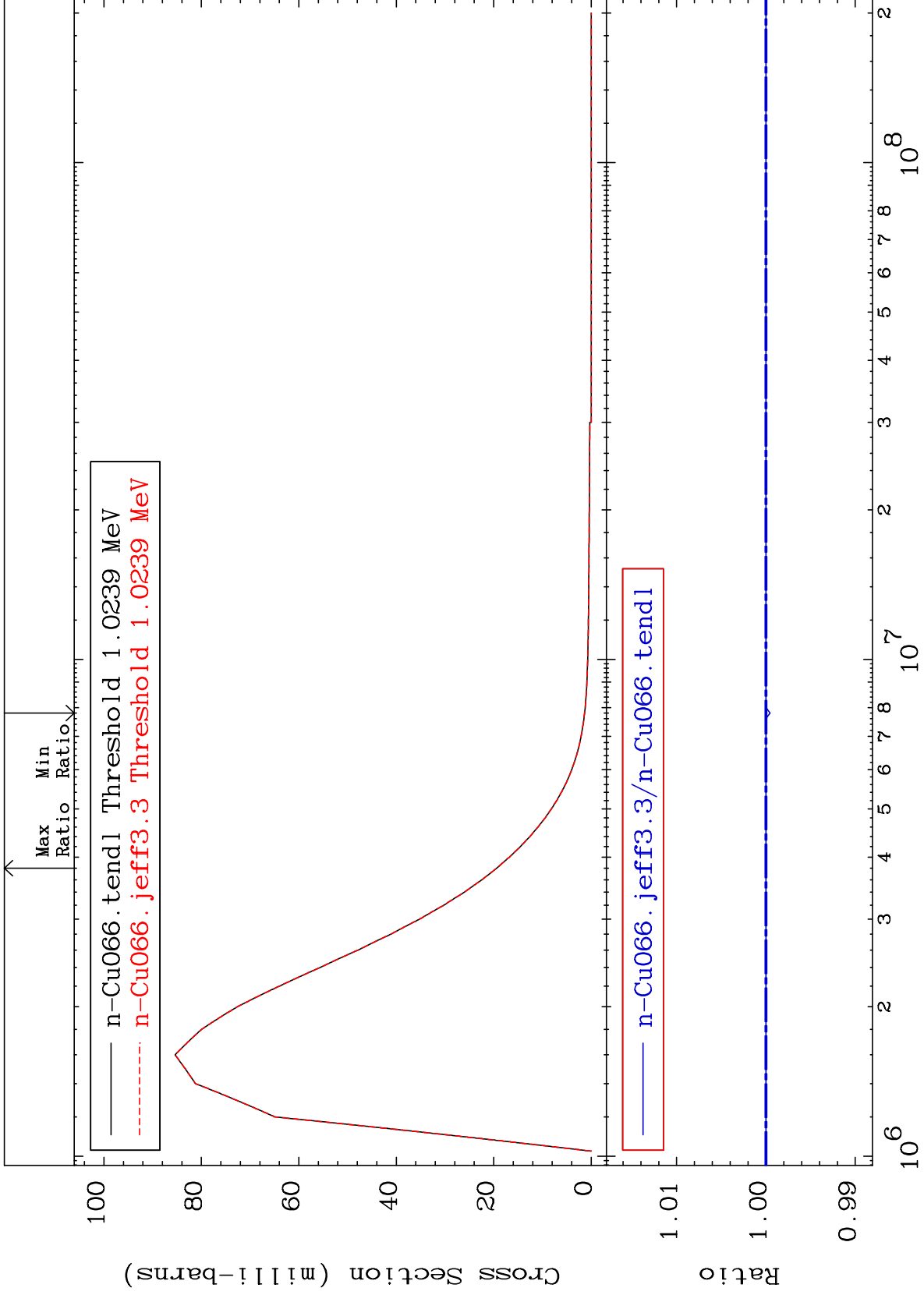
Incident Energy (eV)

29-Cu-66

MAT 2934

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

29-Cu-66  
-0.046 To 0.001 %



29

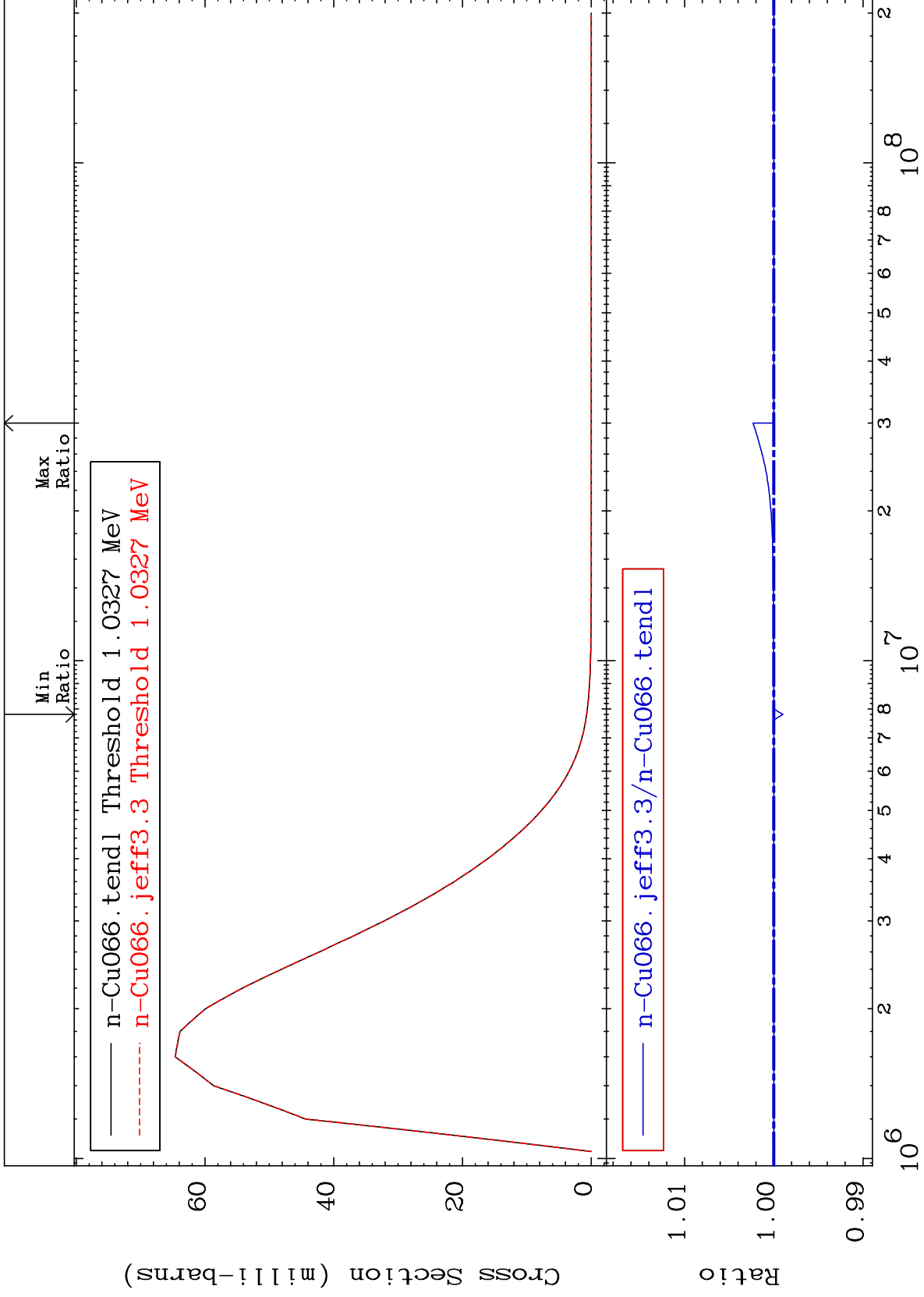
Incident Energy (eV)

29-Cu-66

MAT 2934

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

29-Cu-66  
-0.103 To 0.233 %



30

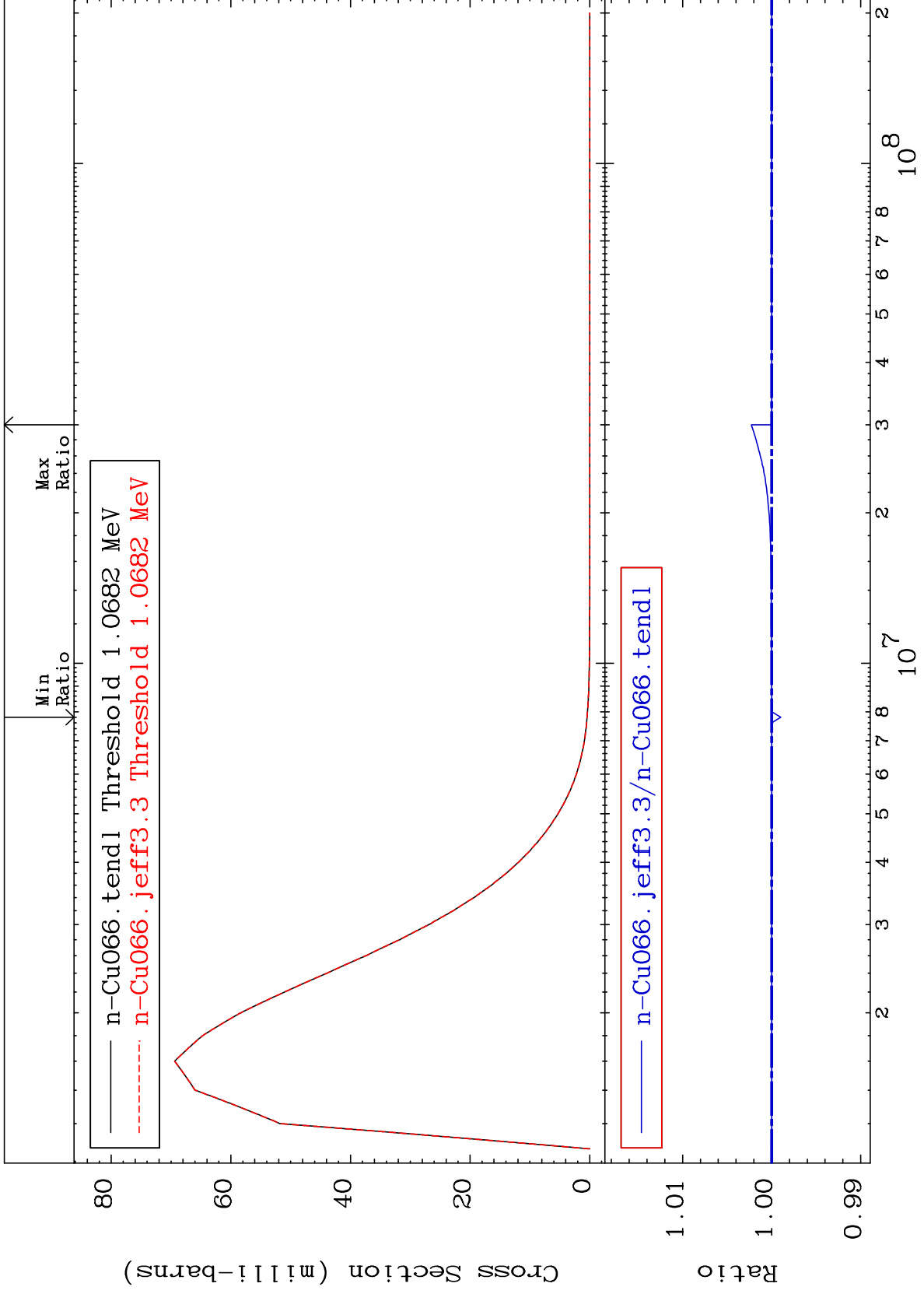
Incident Energy (eV)

29-Cu-66

MAT 2934

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

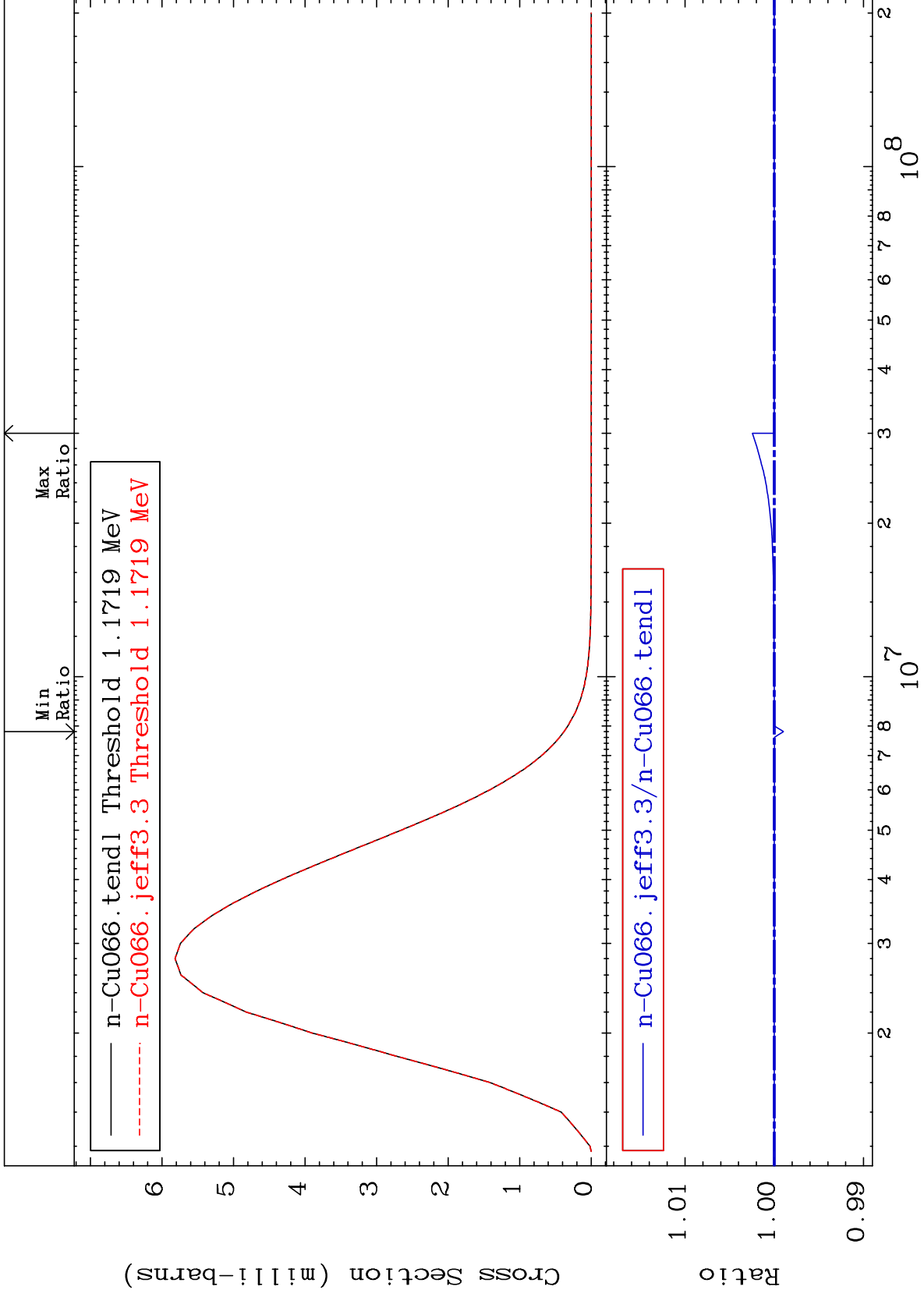
29-Cu-66  
-0.102 To 0.229 %



MAT 2934

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

29-Cu-66  
-0.103 To 0.245 %

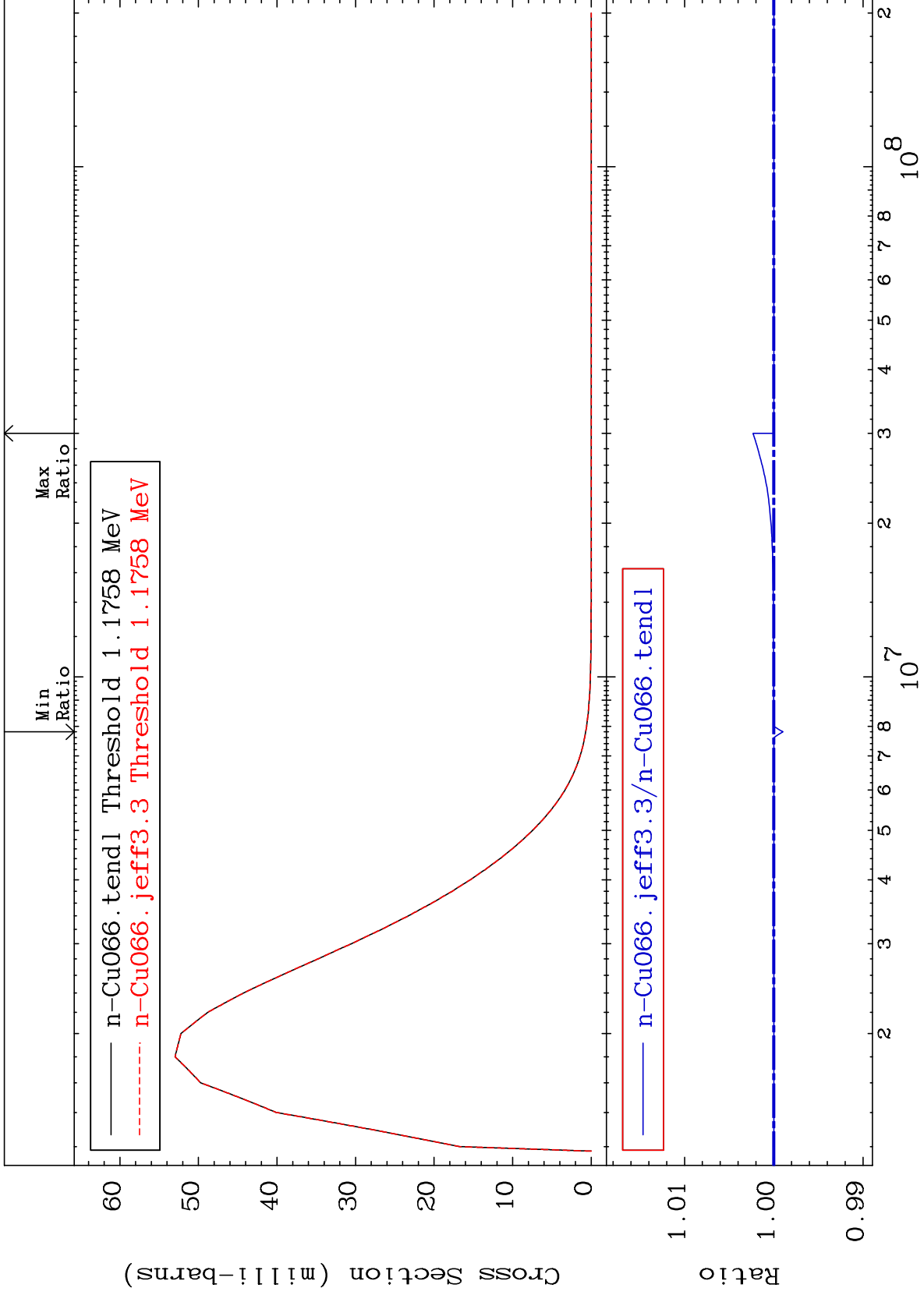




MAT 2934

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

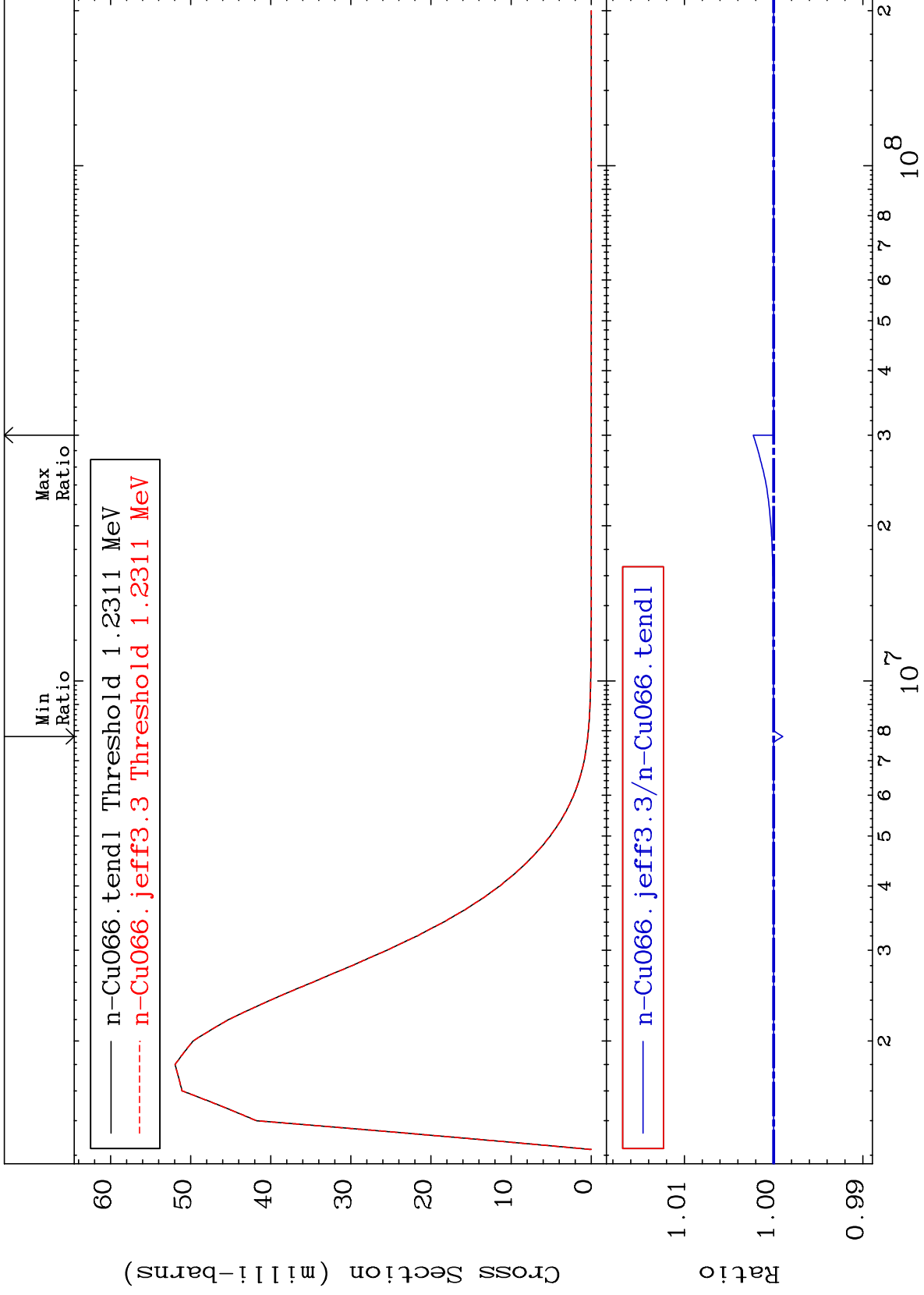
29-Cu-66  
-0.103 To 0.233 %



MAT 2934

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

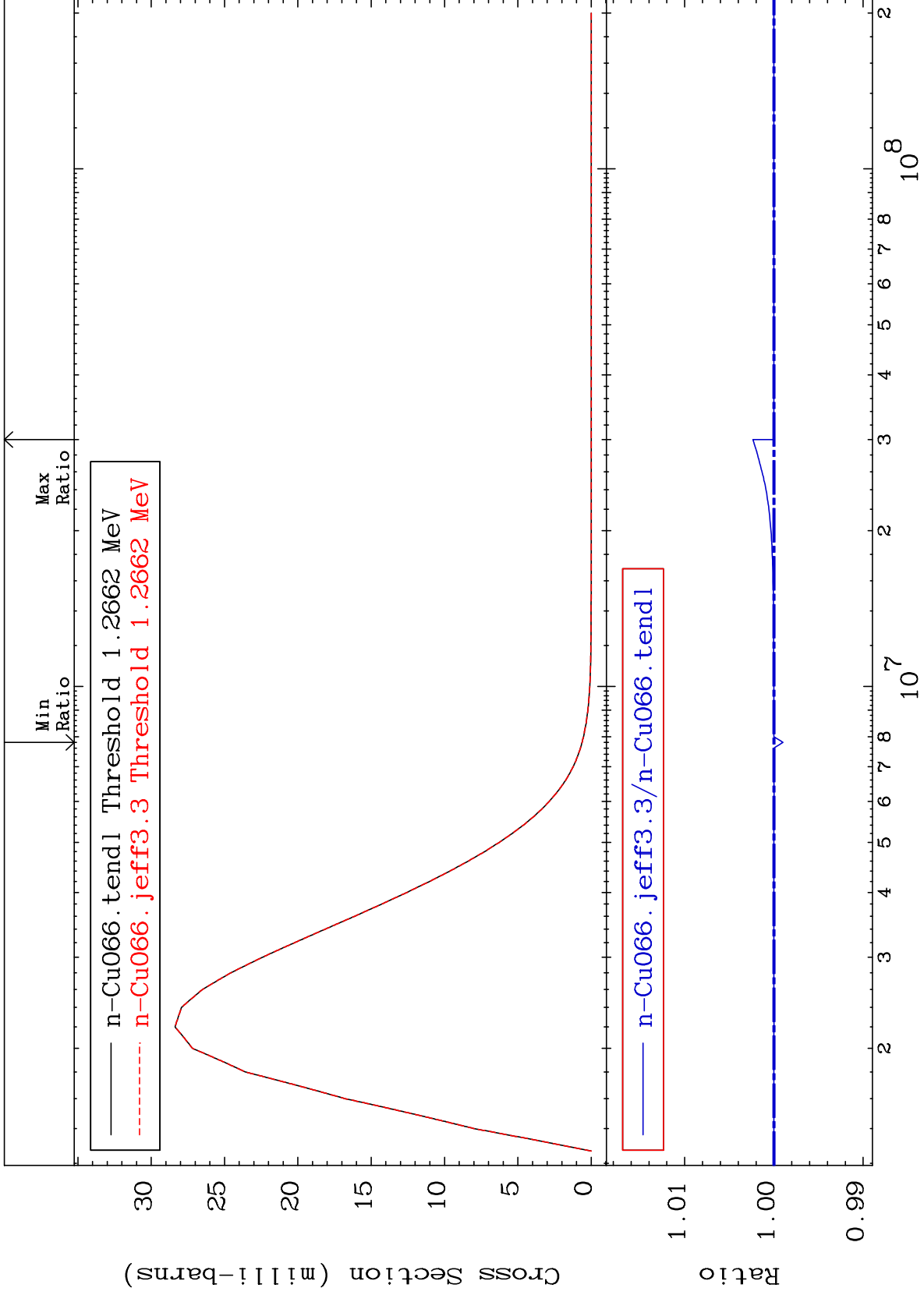
29-Cu-66  
-0.102 To 0.229 %



MAT 2934

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

29-Cu-66  
-0.102 To 0.236 %



35

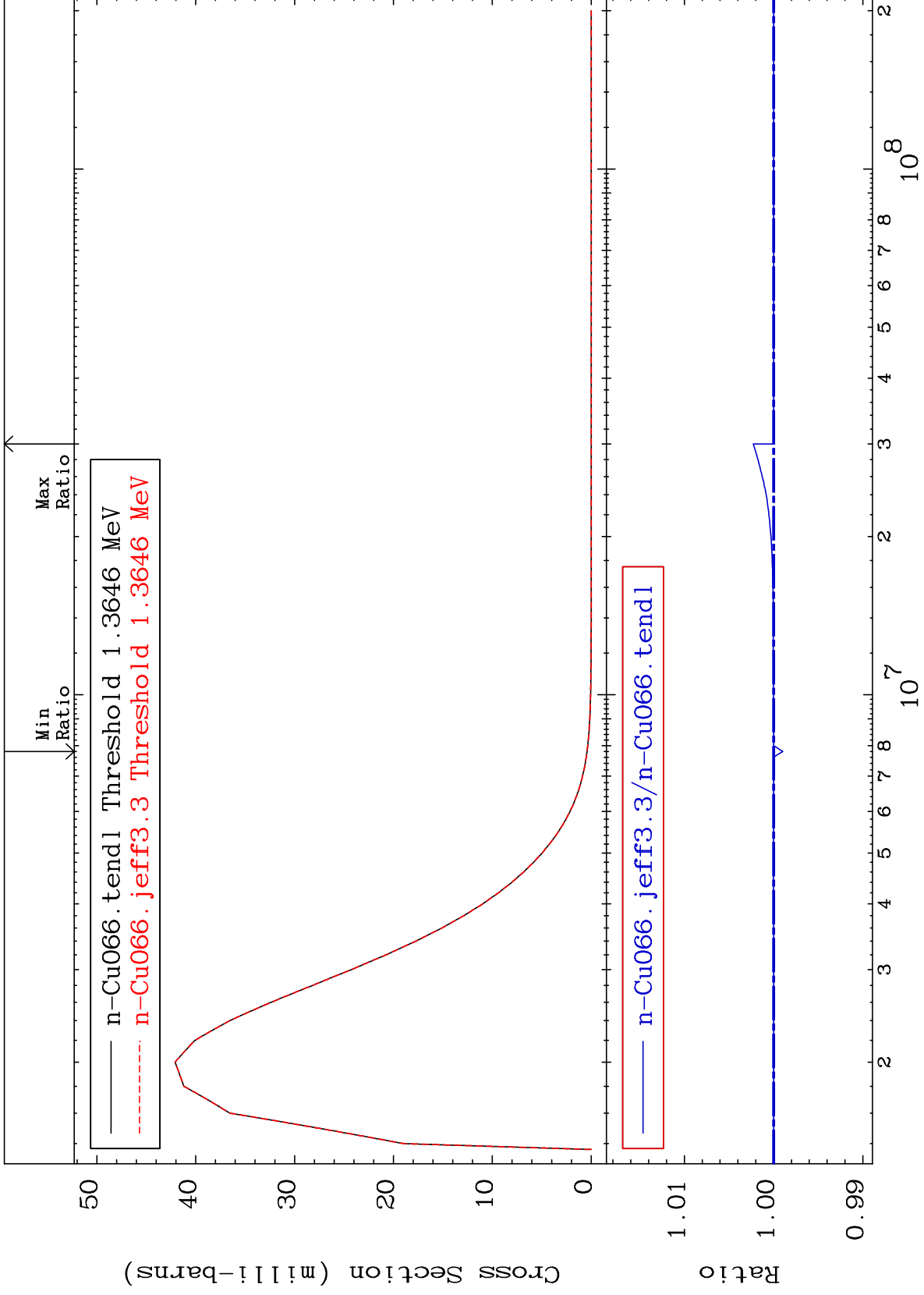
Incident Energy (eV)

29-Cu-66

MAT 2934

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

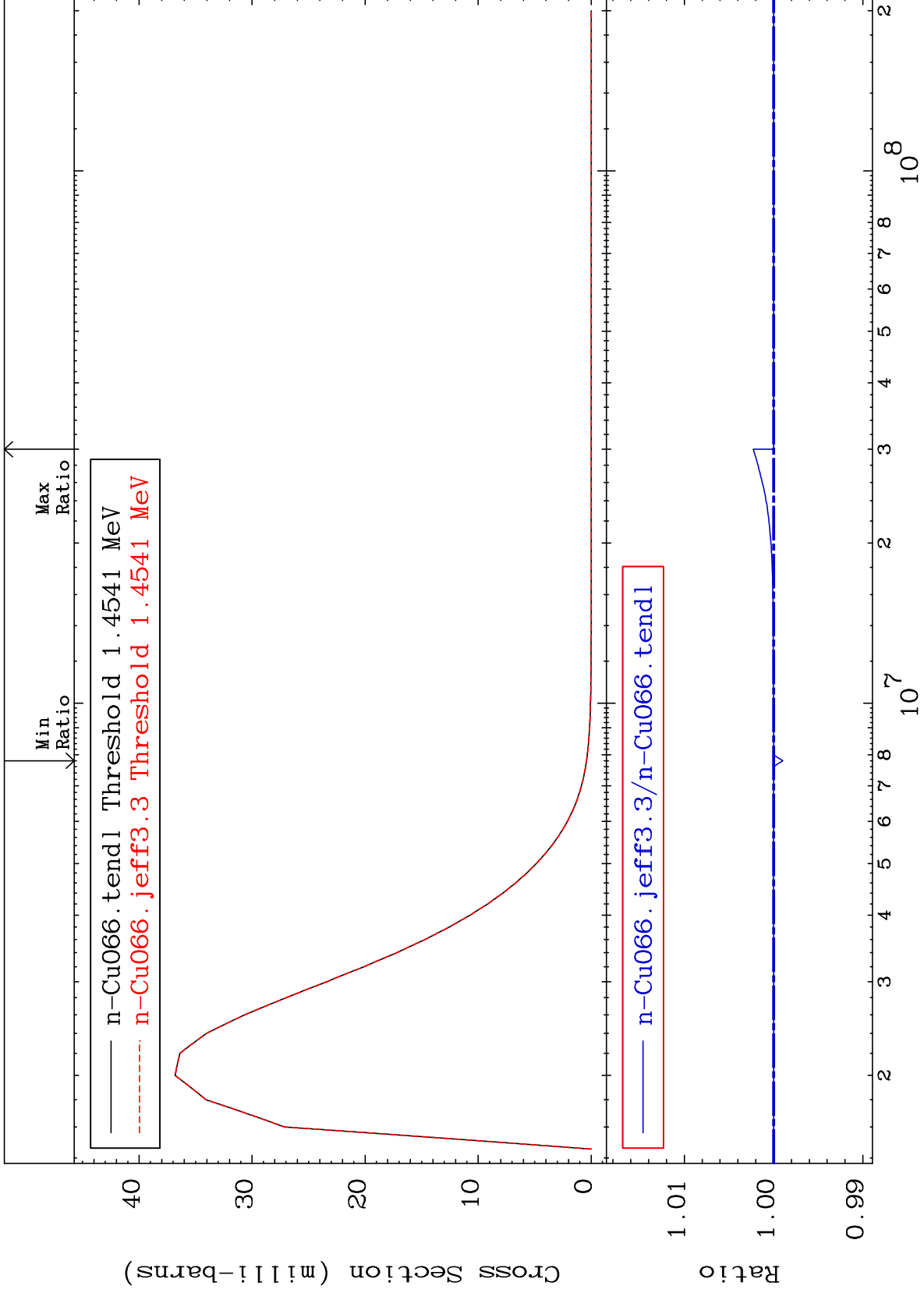
29-Cu-66  
-0.102 To 0.229 %



MAT 2934

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

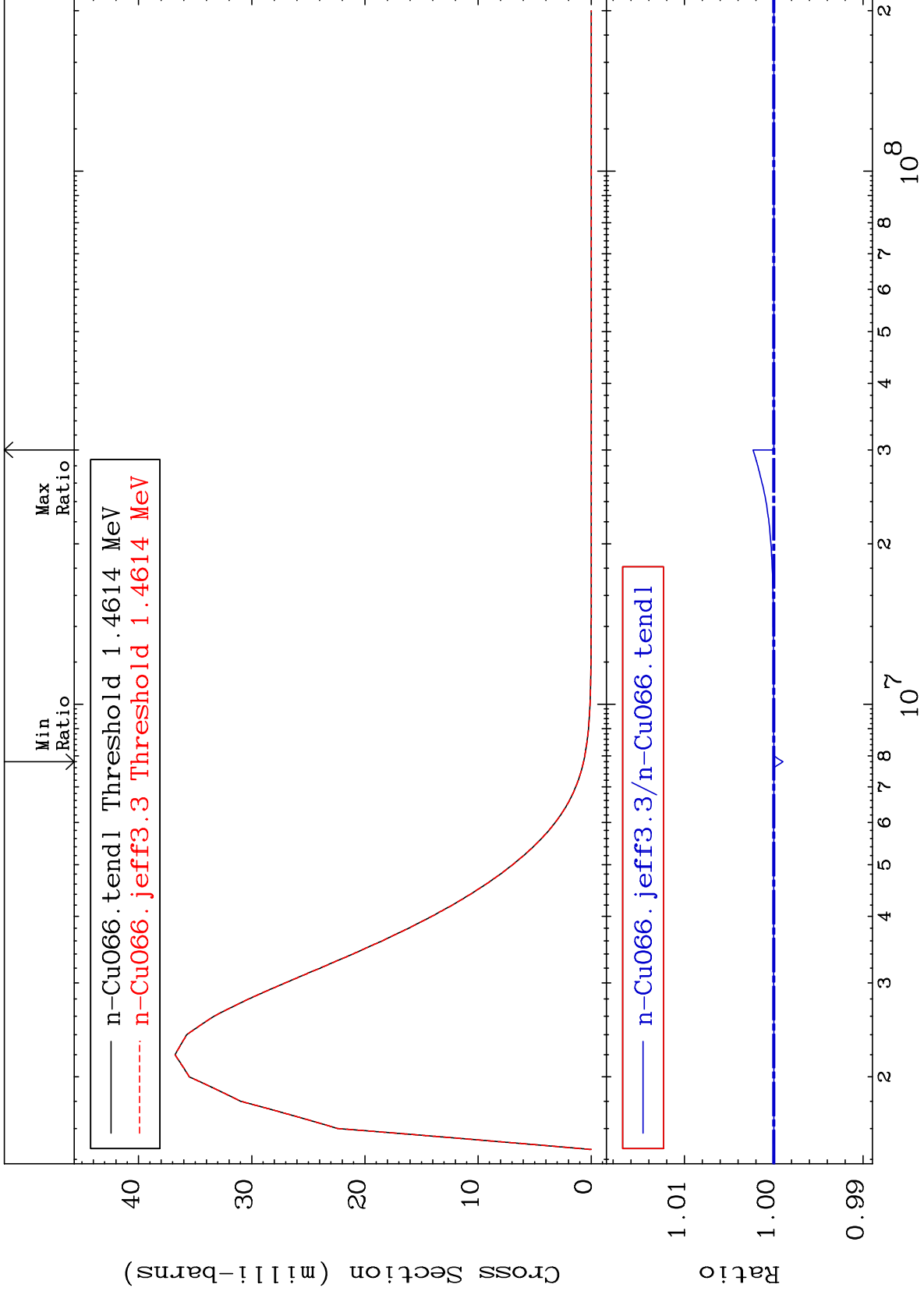
29-Cu-66  
-0.102 To 0.229 %



MAT 2934

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

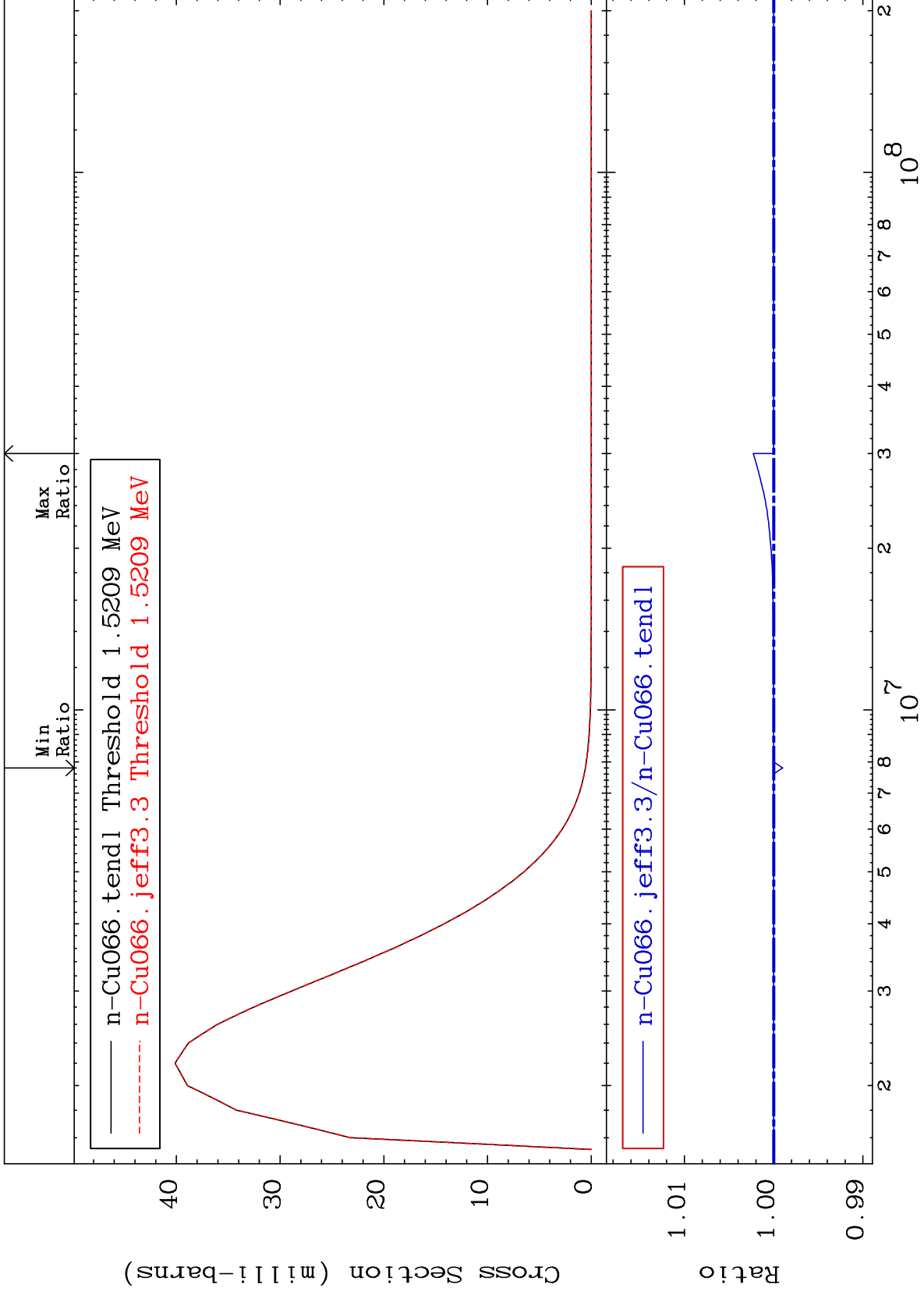
29-Cu-66  
-0.103 To 0.233 %



MAT 2934

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

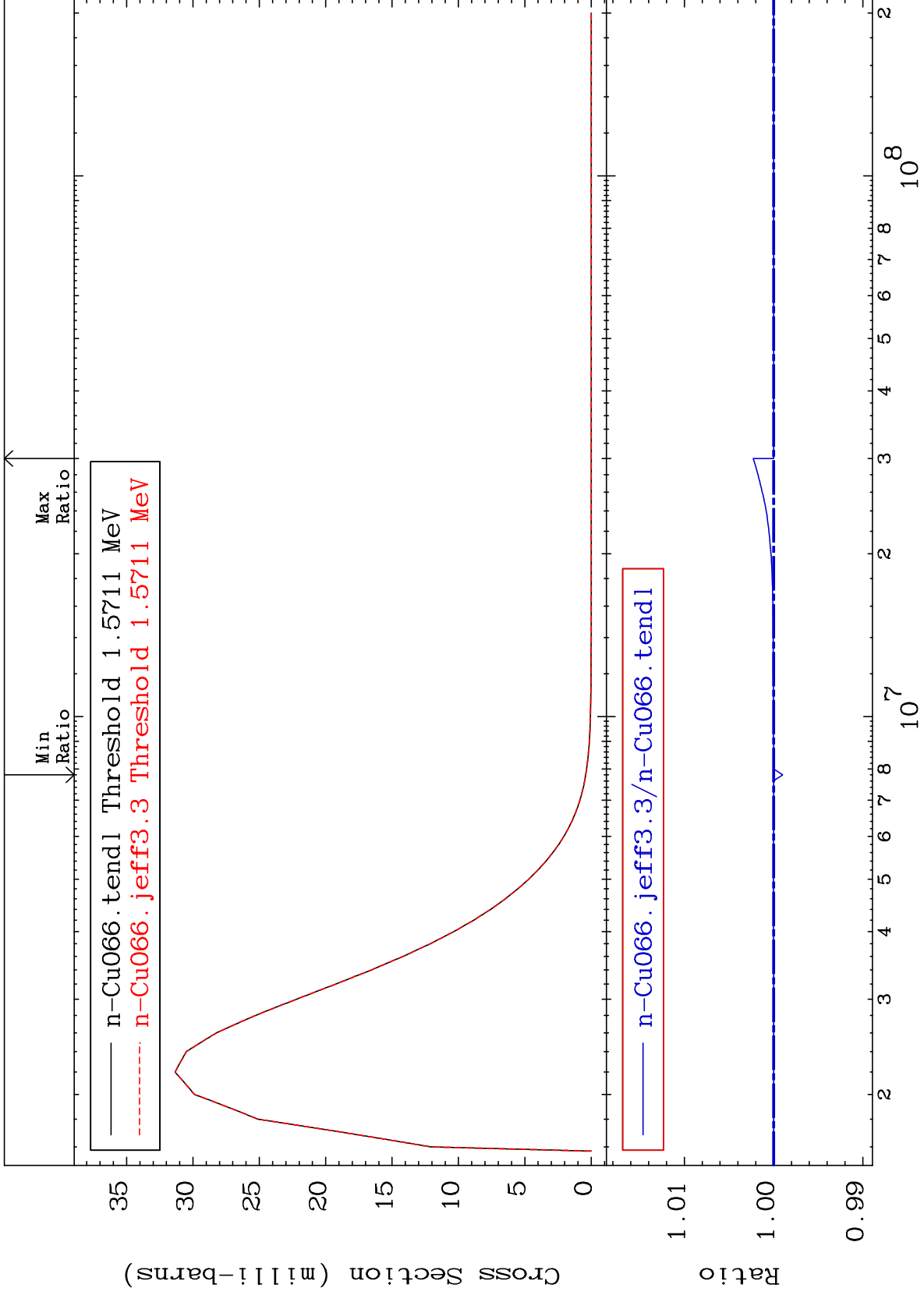
29-Cu-66  
-0.101 To 0.230 %



MAT 2934

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

29-Cu-66  
-0.102 To 0.228 %

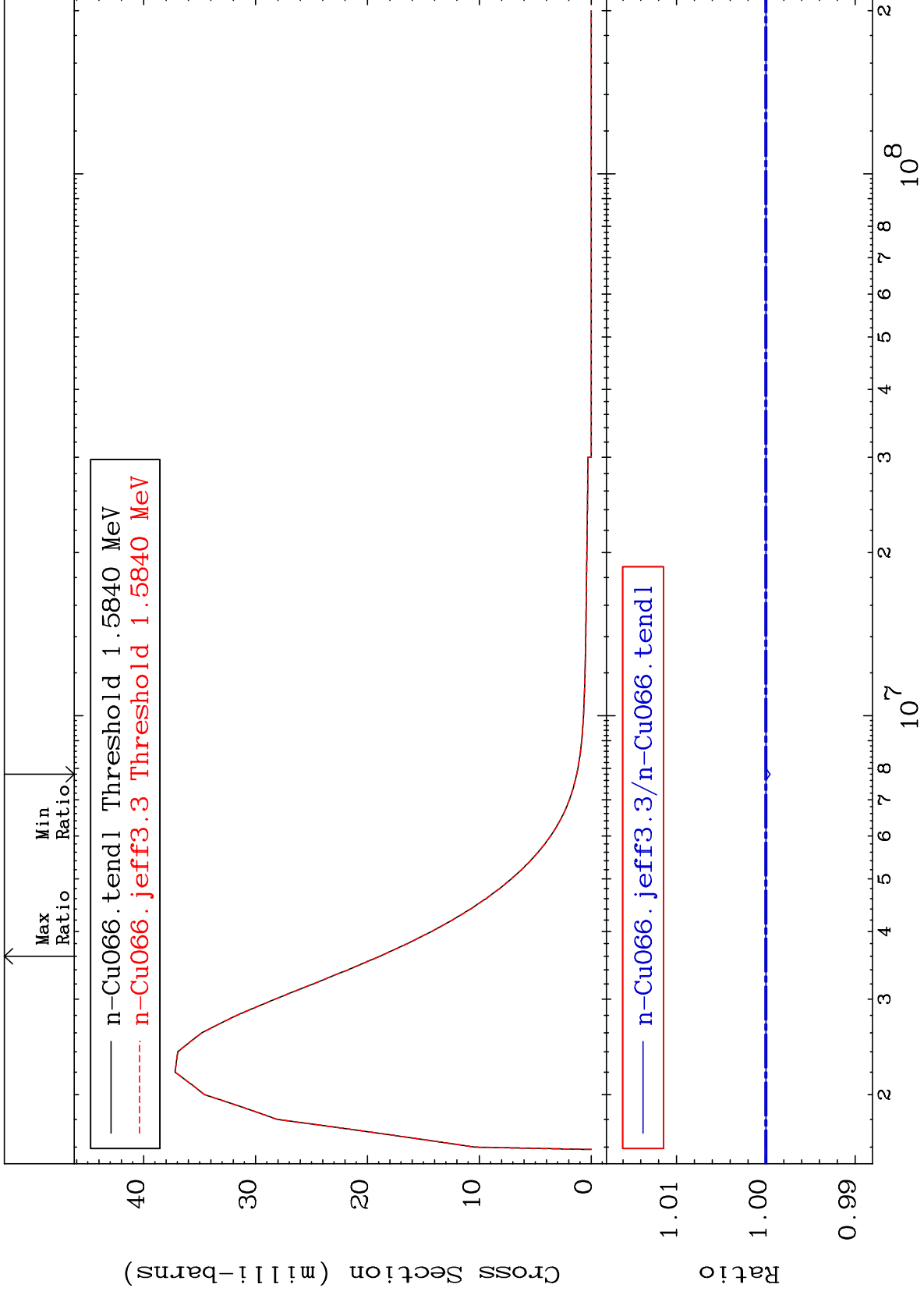




MAT 2934

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

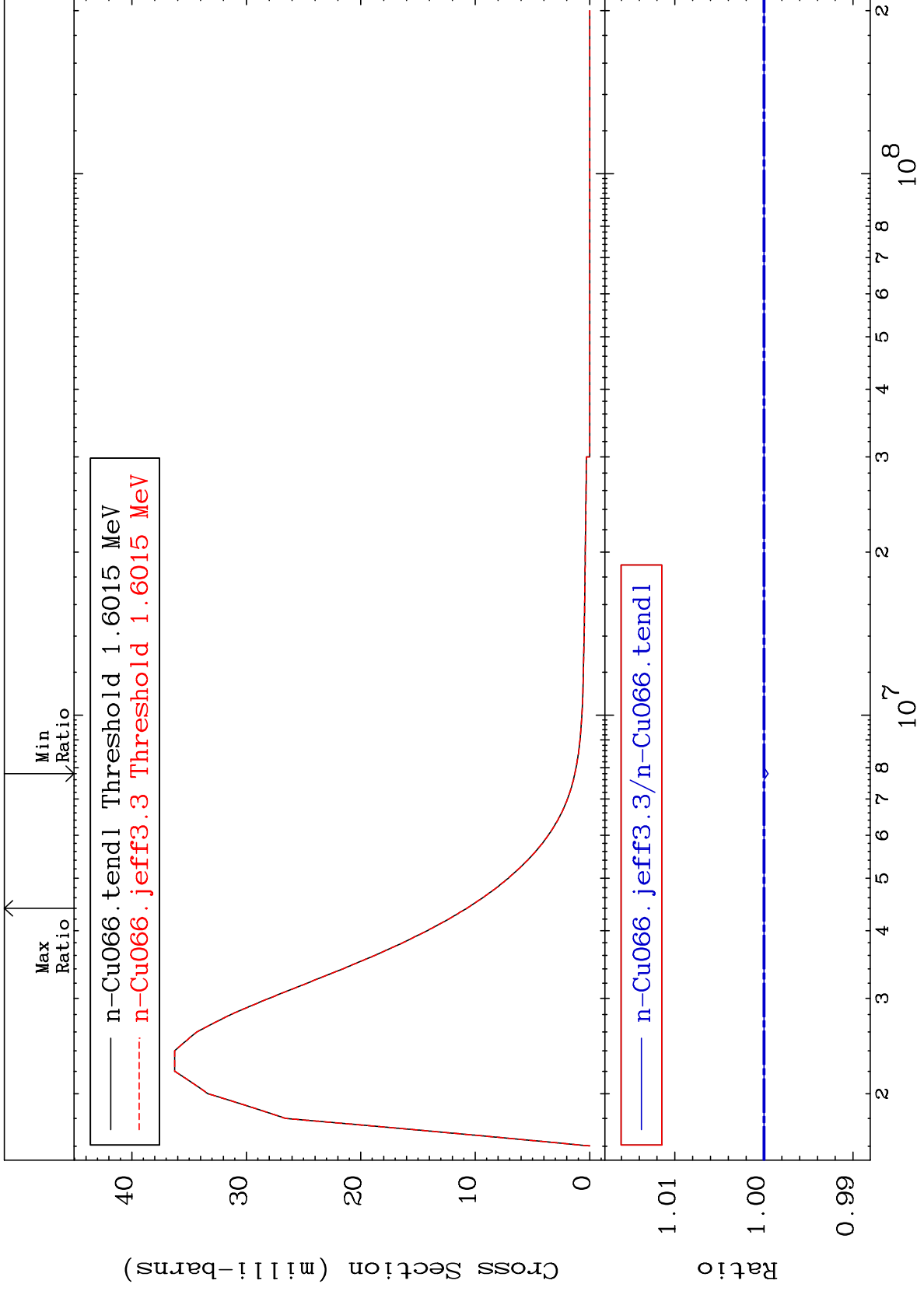
29-Cu-66  
-0.047 To 0.001 %



MAT 2934

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

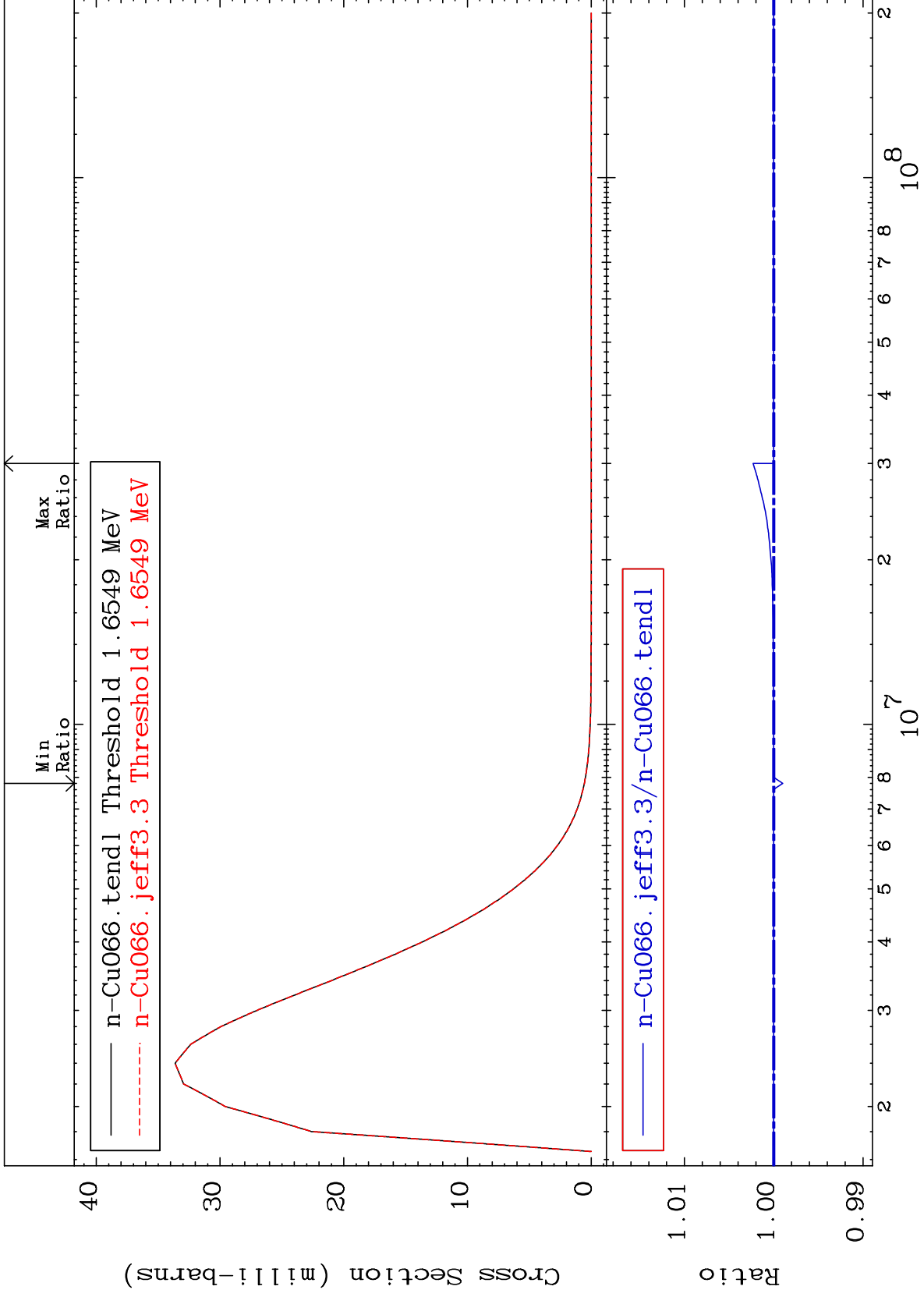
29-Cu-66  
-0.046 To 0.000 %



MAT 2934

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

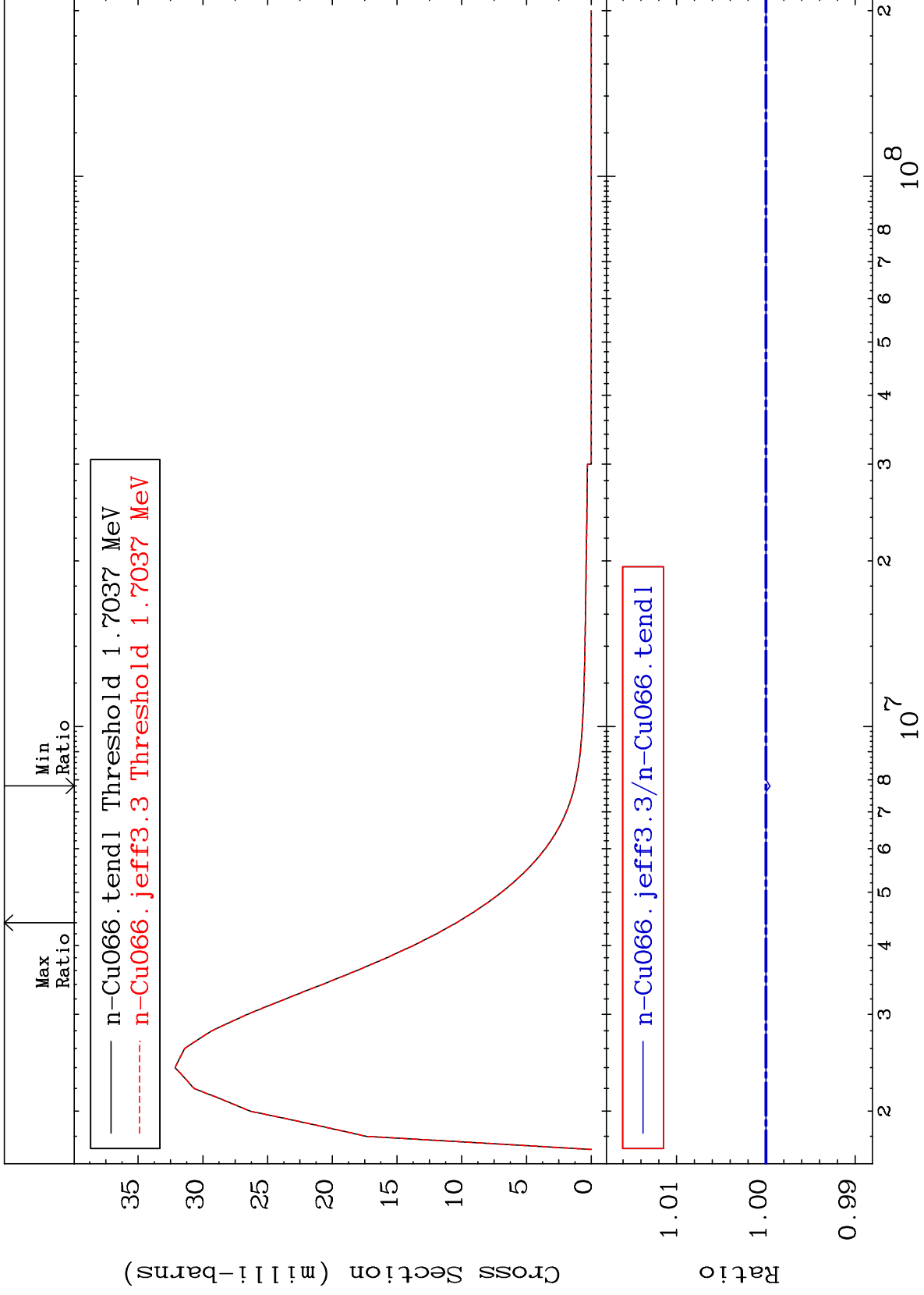
29-Cu-66  
-0.101 To 0.231 %



MAT 2934

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

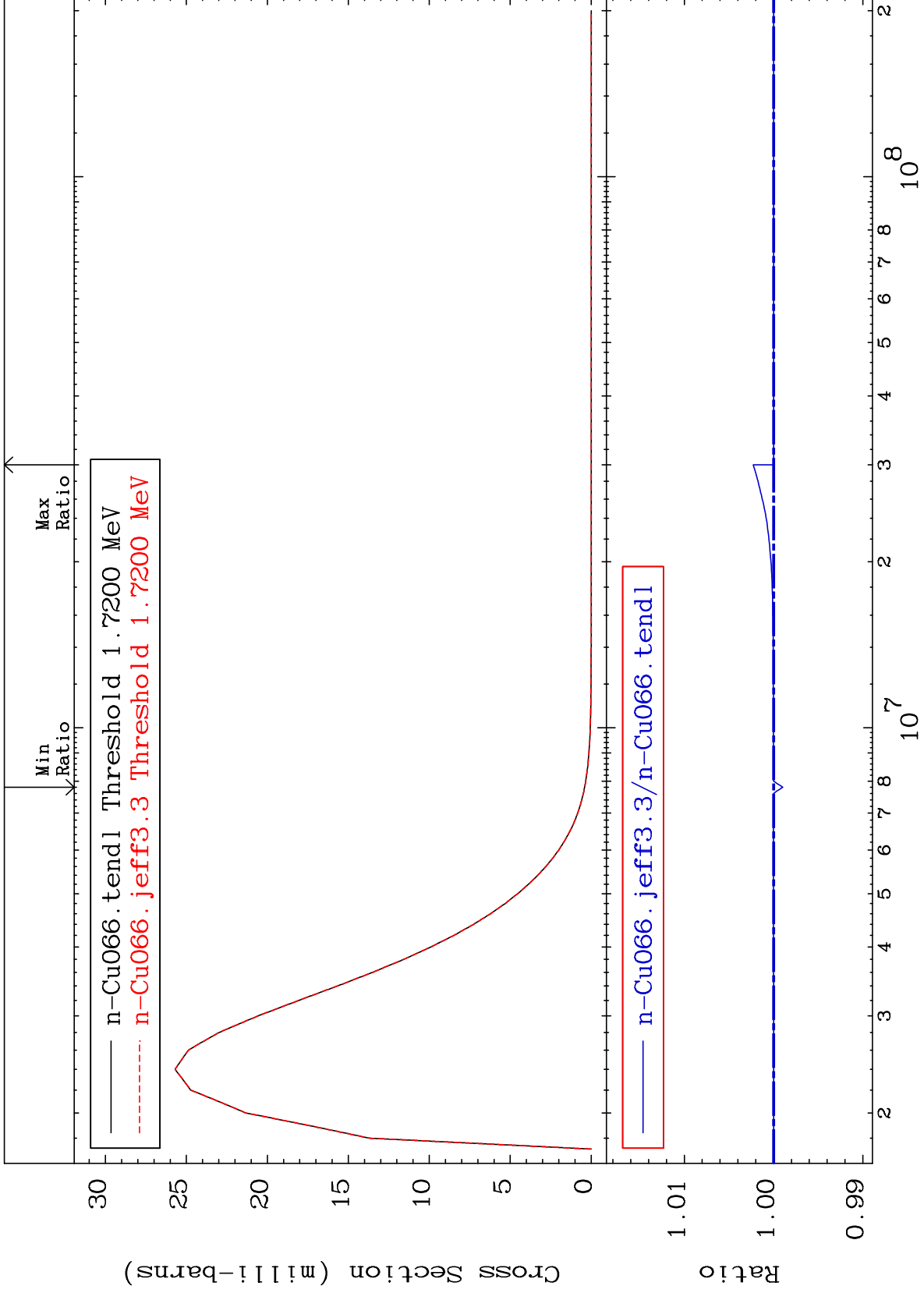
29-Cu-66  
-0.046 To 0.000 %



MAT 2934

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

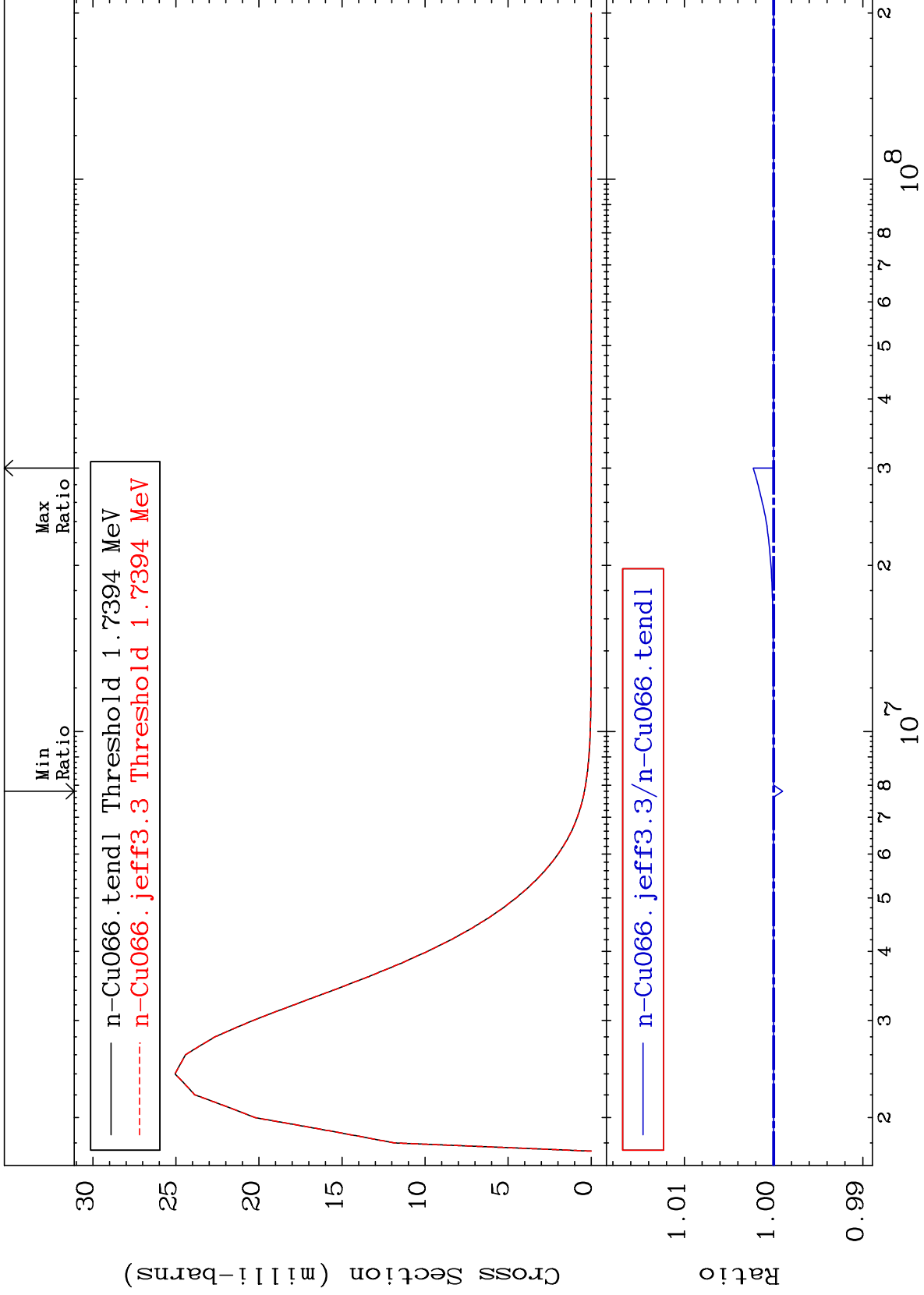
29-Cu-66  
-0.102 To 0.229 %



MAT 2934

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

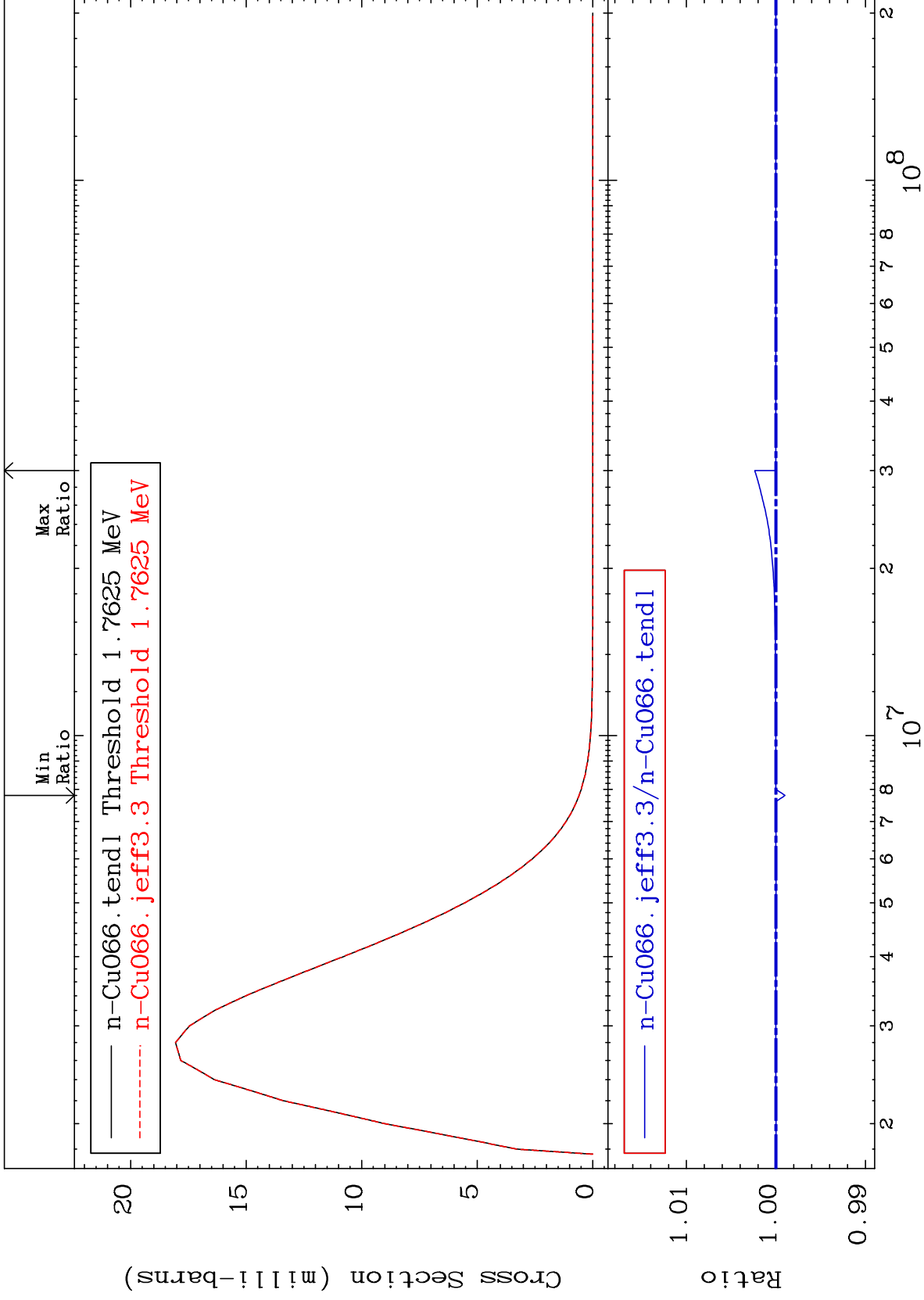
29-Cu-66  
-0.102 To 0.228 %



MAT 2934

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

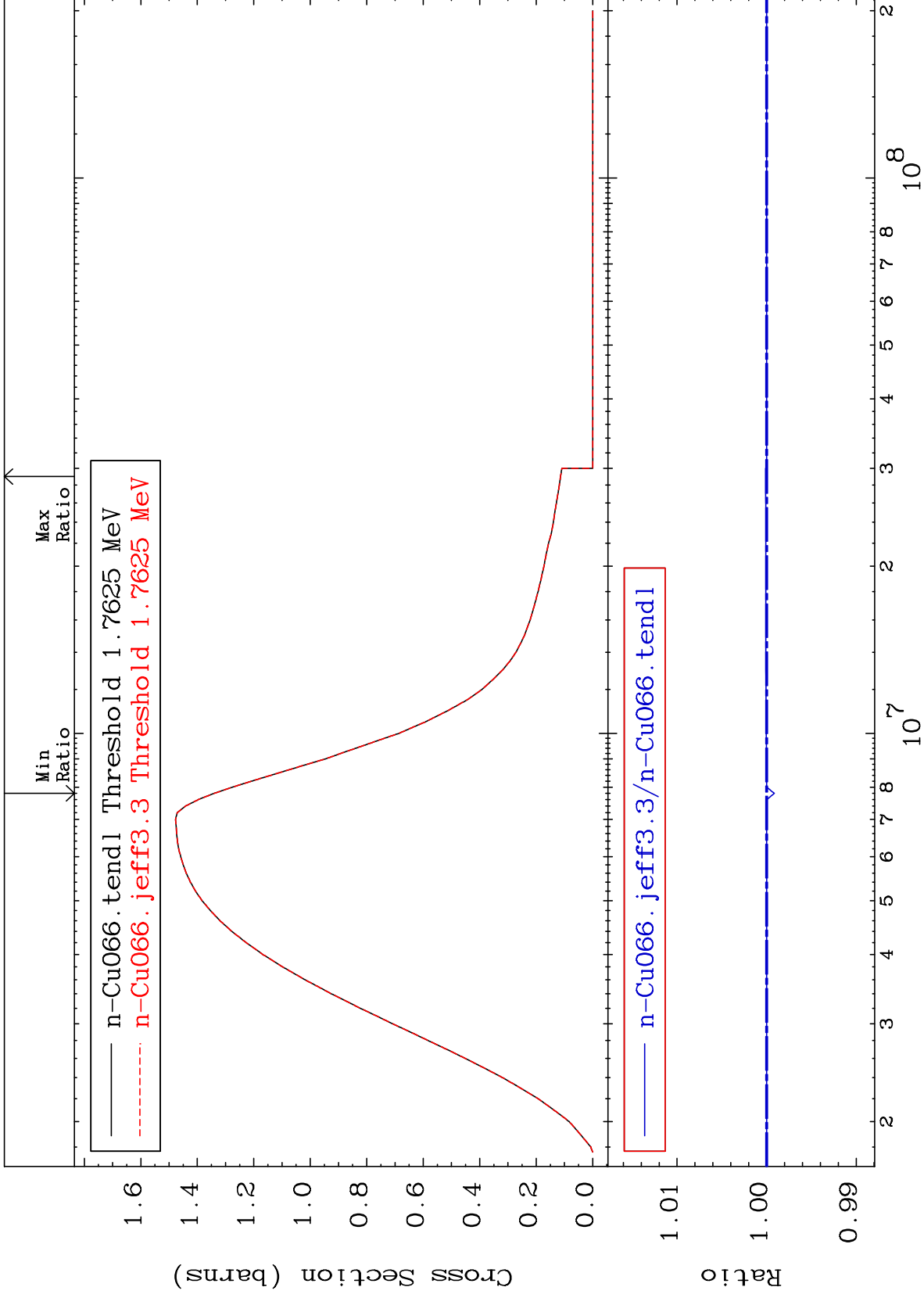
29-Cu-66  
-0.102 To 0.237 %



MAT 2934

(n, n') Continuum  
Cross Section

29-Cu-66  
-0.085 To 0.013 %

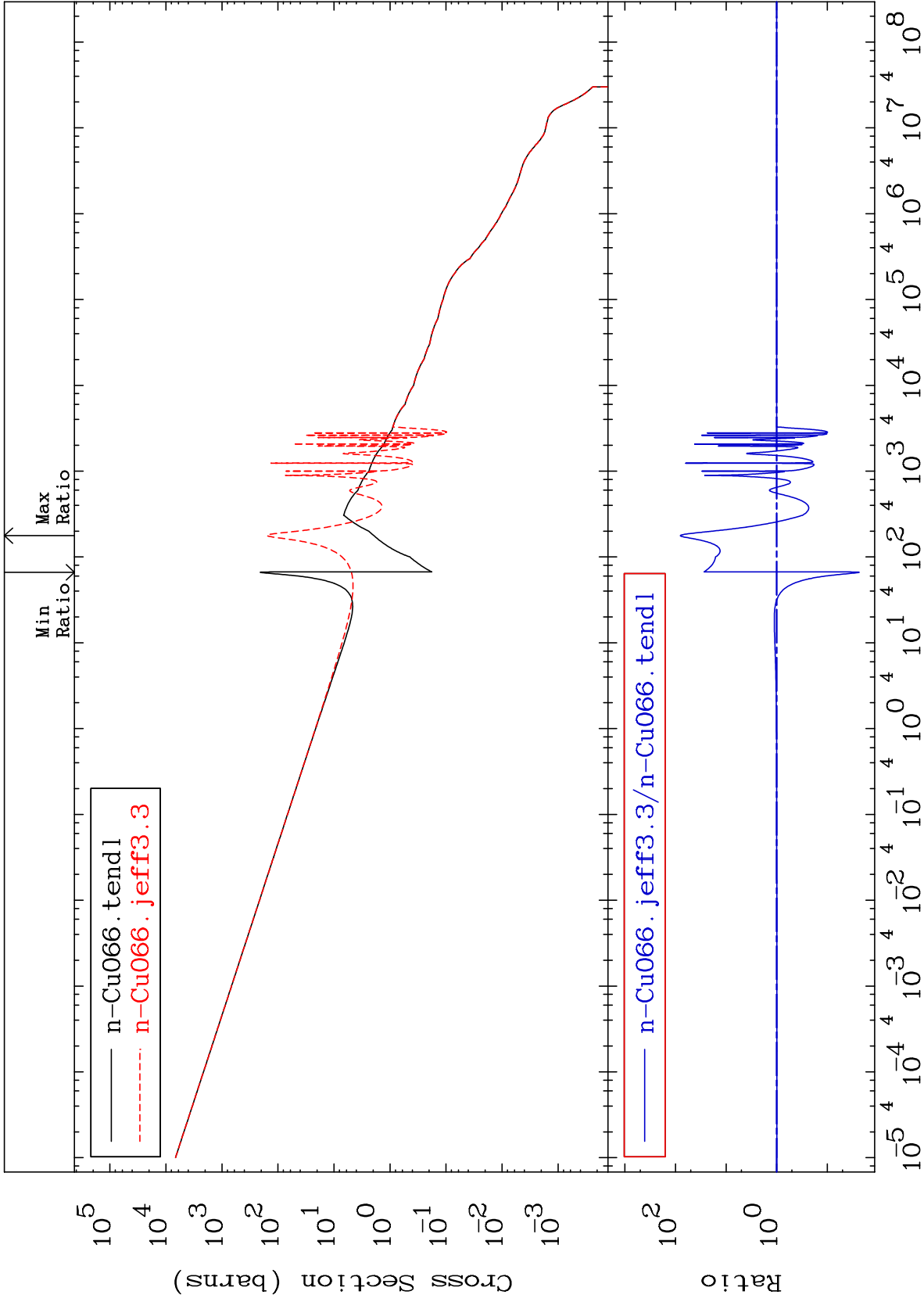




MAT 2934

(n,  $\gamma$ )  
Cross Section

29-Cu-66  
-97.68 To 7932. %



49

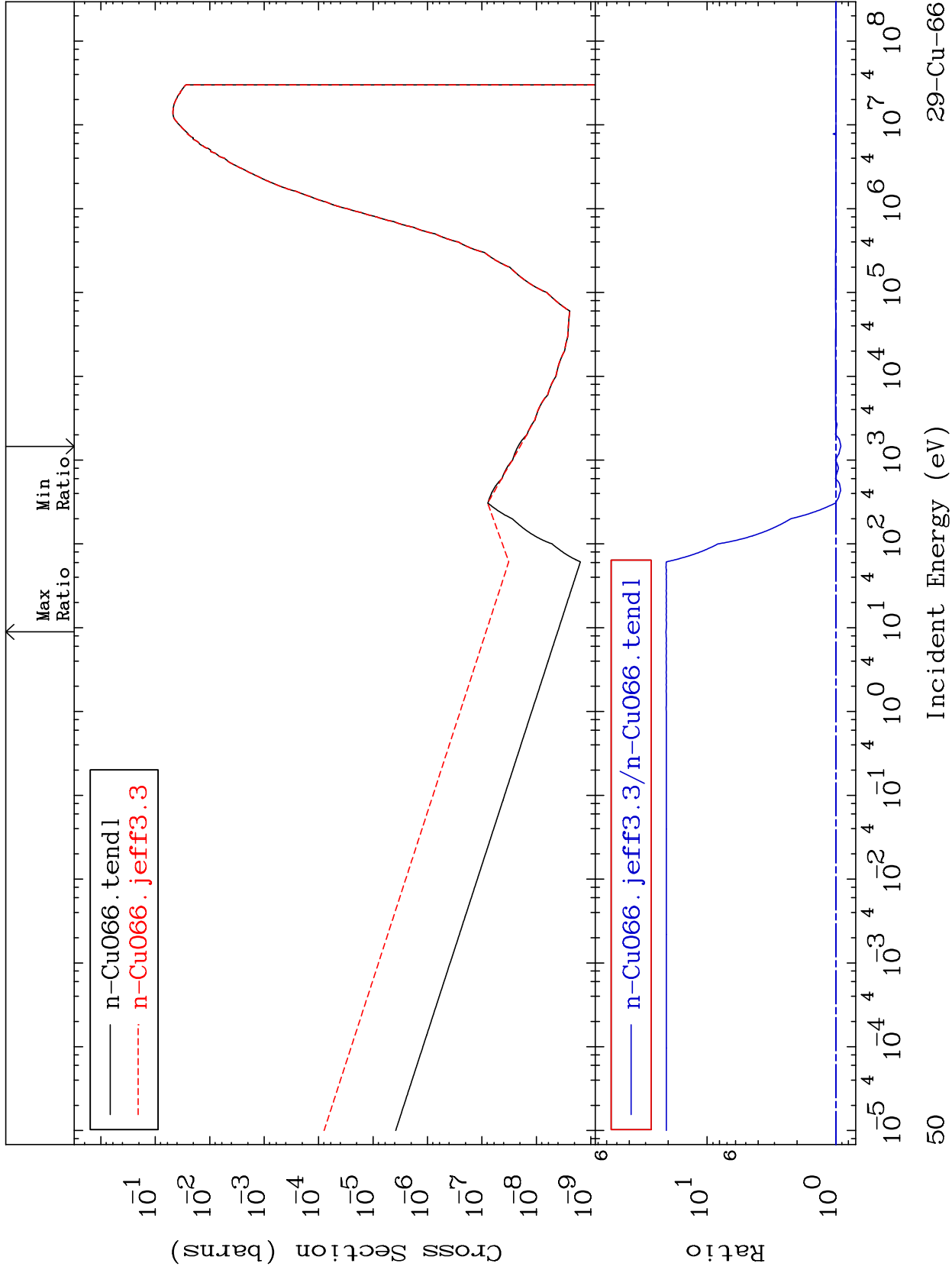
Incident Energy (eV)

29-Cu-66

MAT 2934

(n,p)  
Cross Section

29-Cu-66  
-8.502 To 1980. %



50

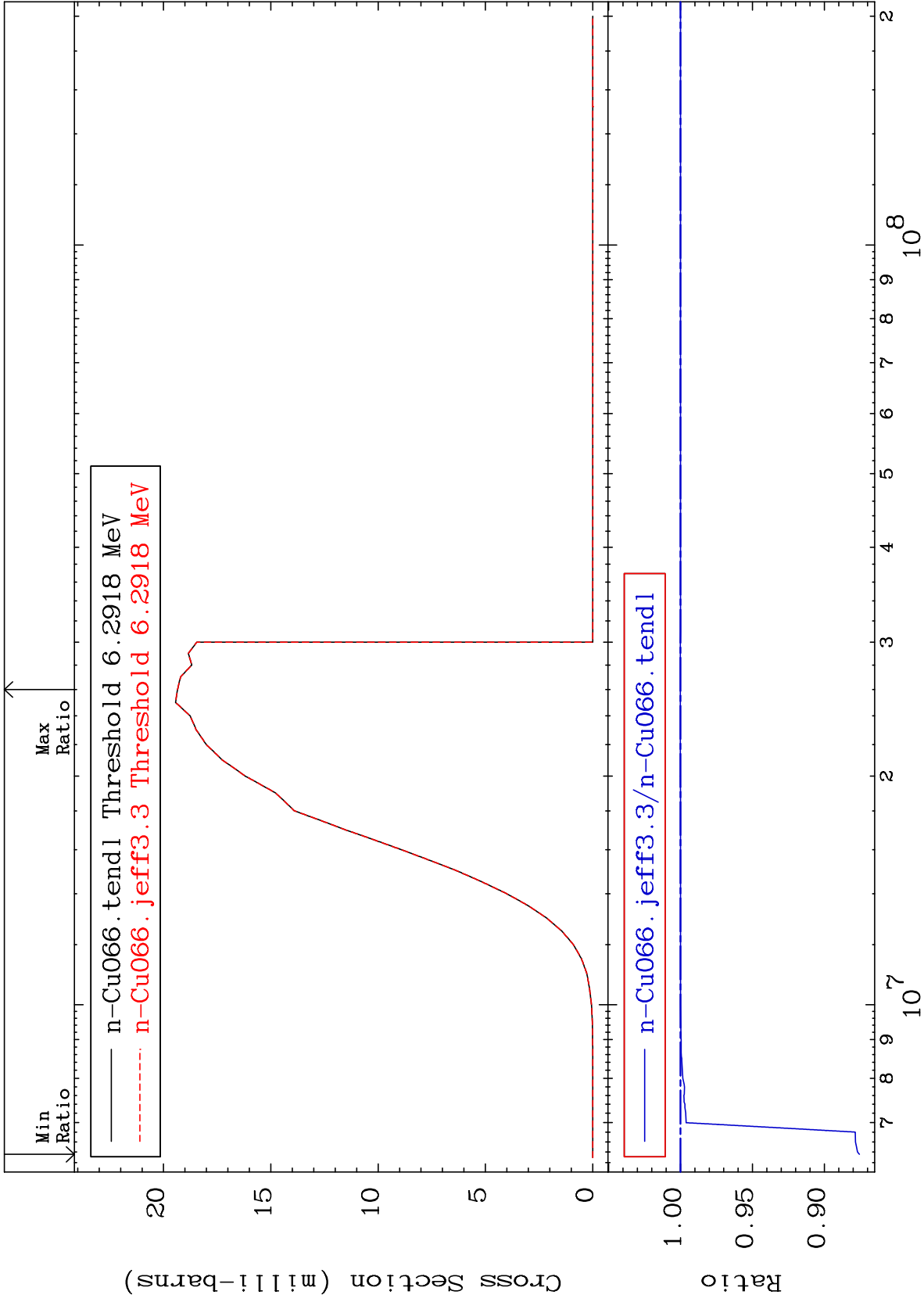
MAT 2934

(n, d)

<sup>29</sup>-Cu-66

Cross Section

-12.44 To 0.007 %



51

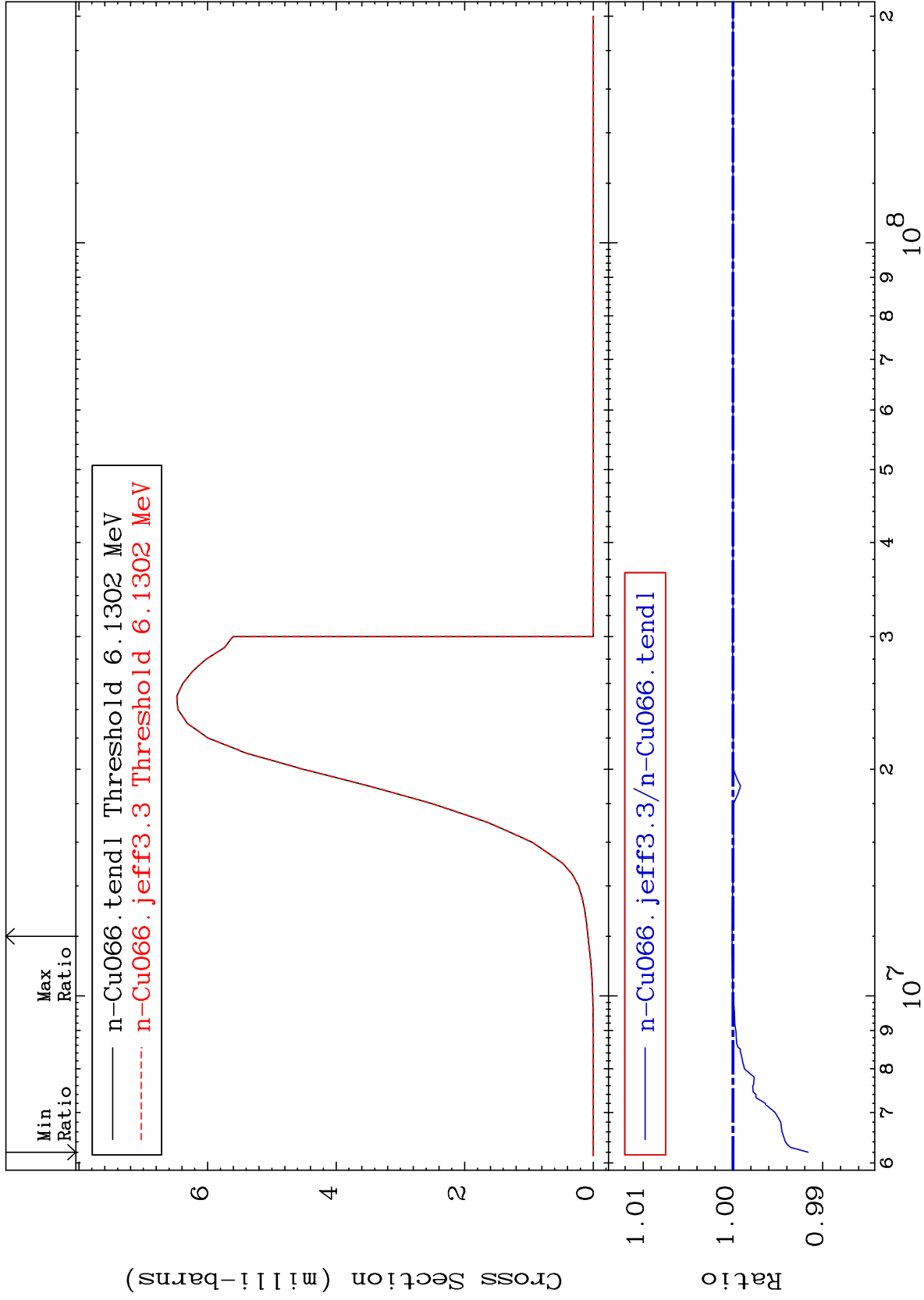
Incident Energy (eV)

<sup>29</sup>-Cu-66

MAT 2934

29-Cu-66

(n, t)  
Cross Section  
-0.838 To 0.009 %



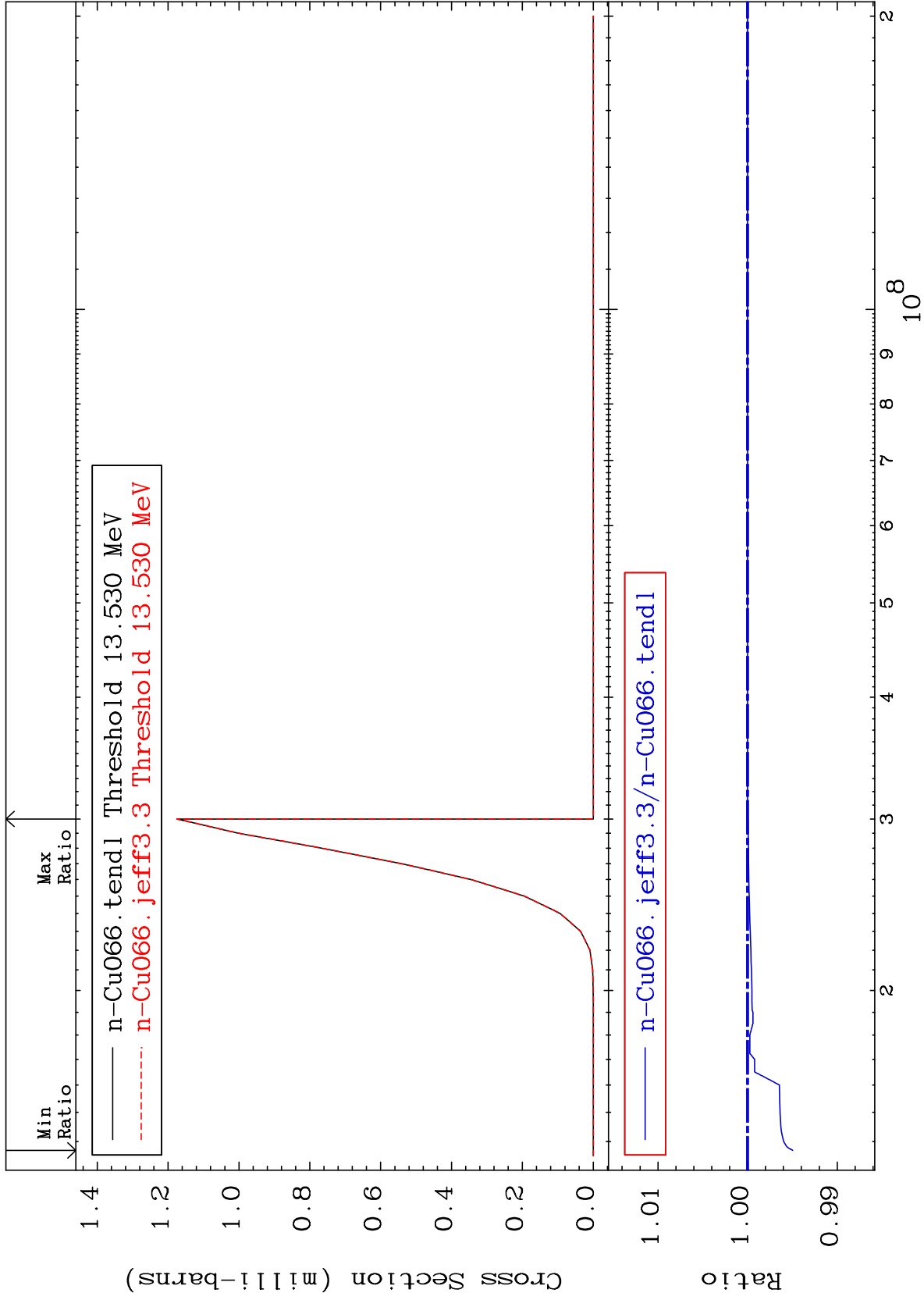
MAT 2934

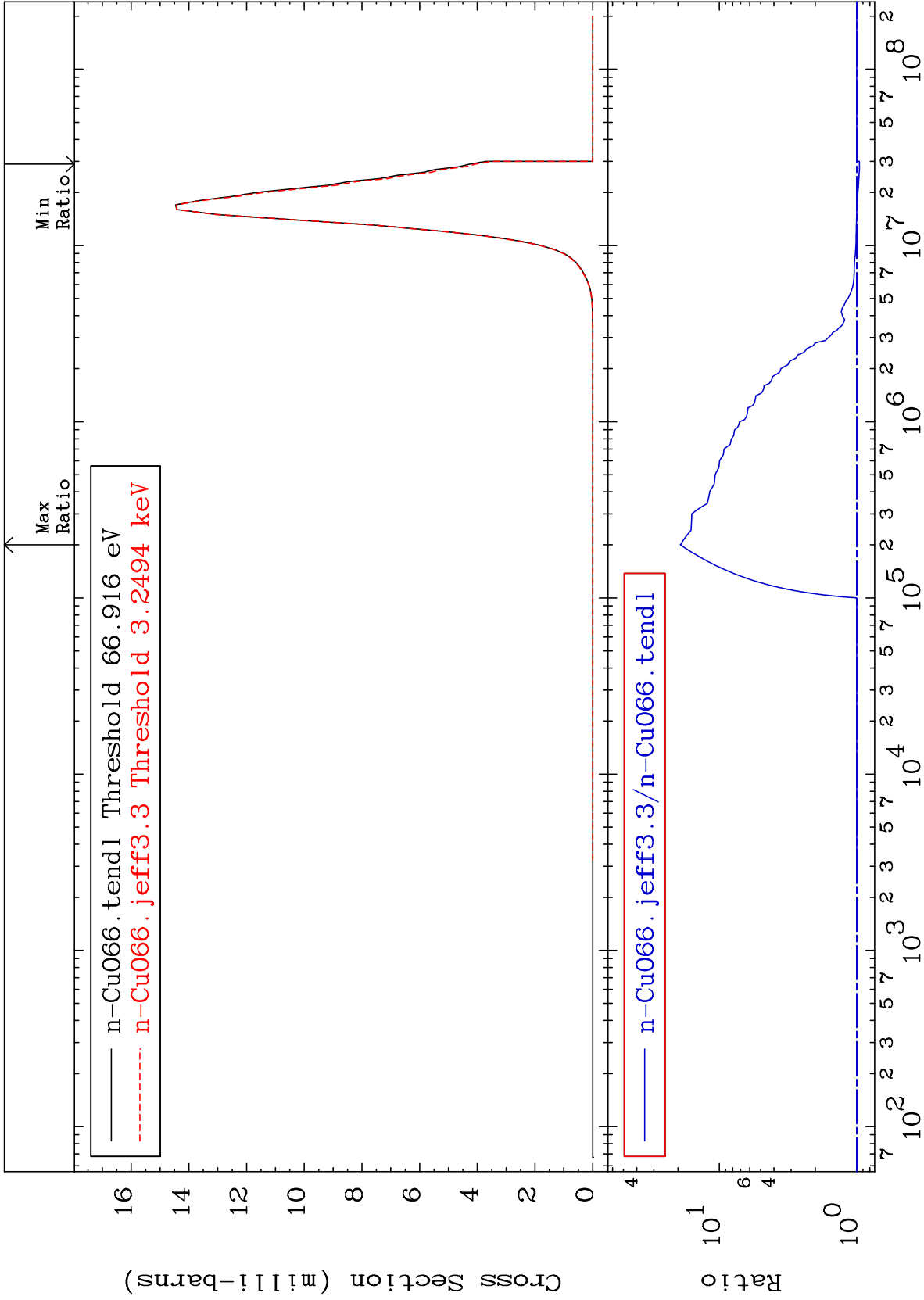
(n, He-3)

29-Cu-66

Cross Section

-0.504 To 0.000 %





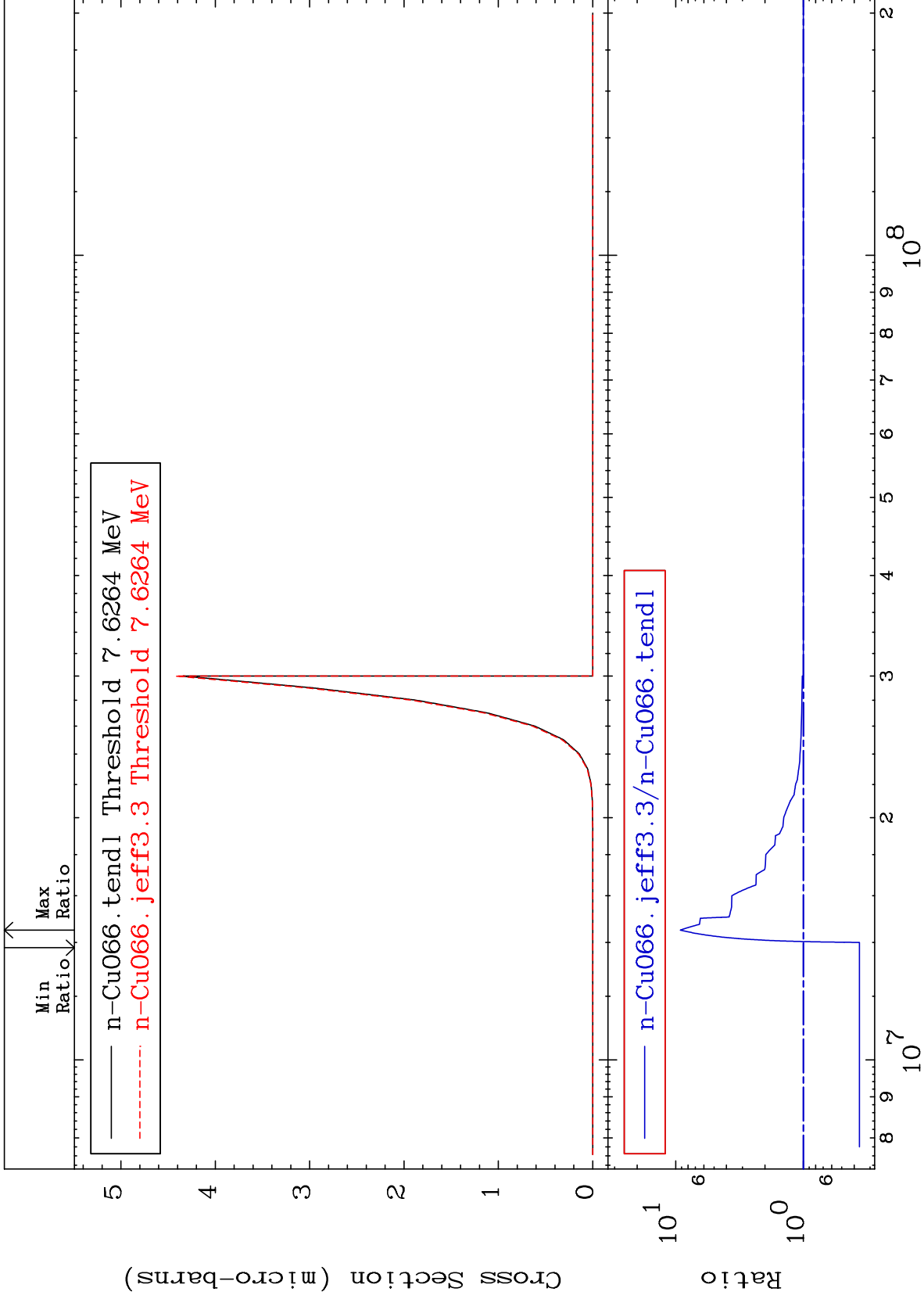
MAT 2934

(n,2α)

29-Cu-66

Cross Section

-63.65 To 818.6 %



MAT 2934

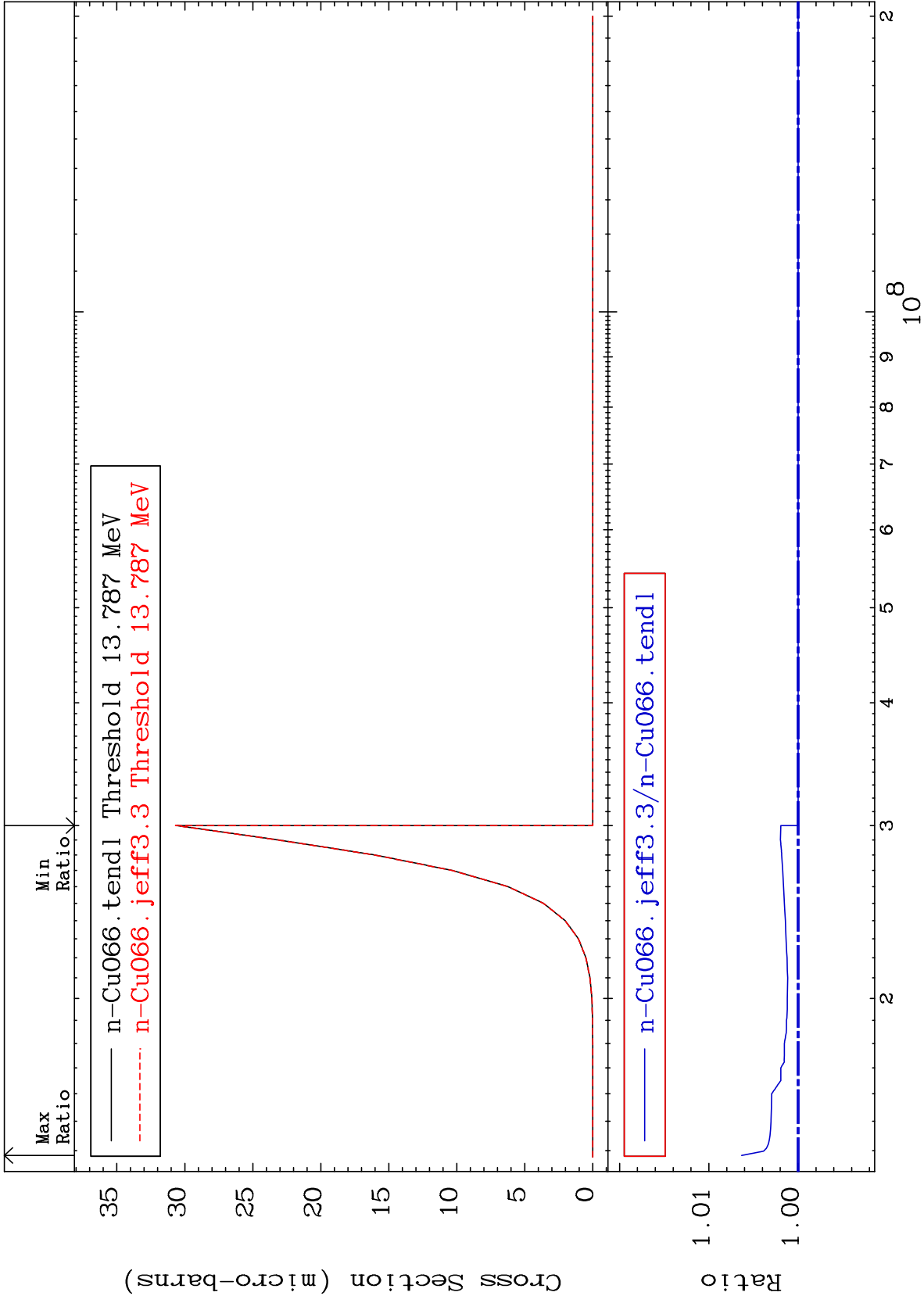
(n,2p)

29-Cu-66

Cross Section

0.000

To 0.632 %



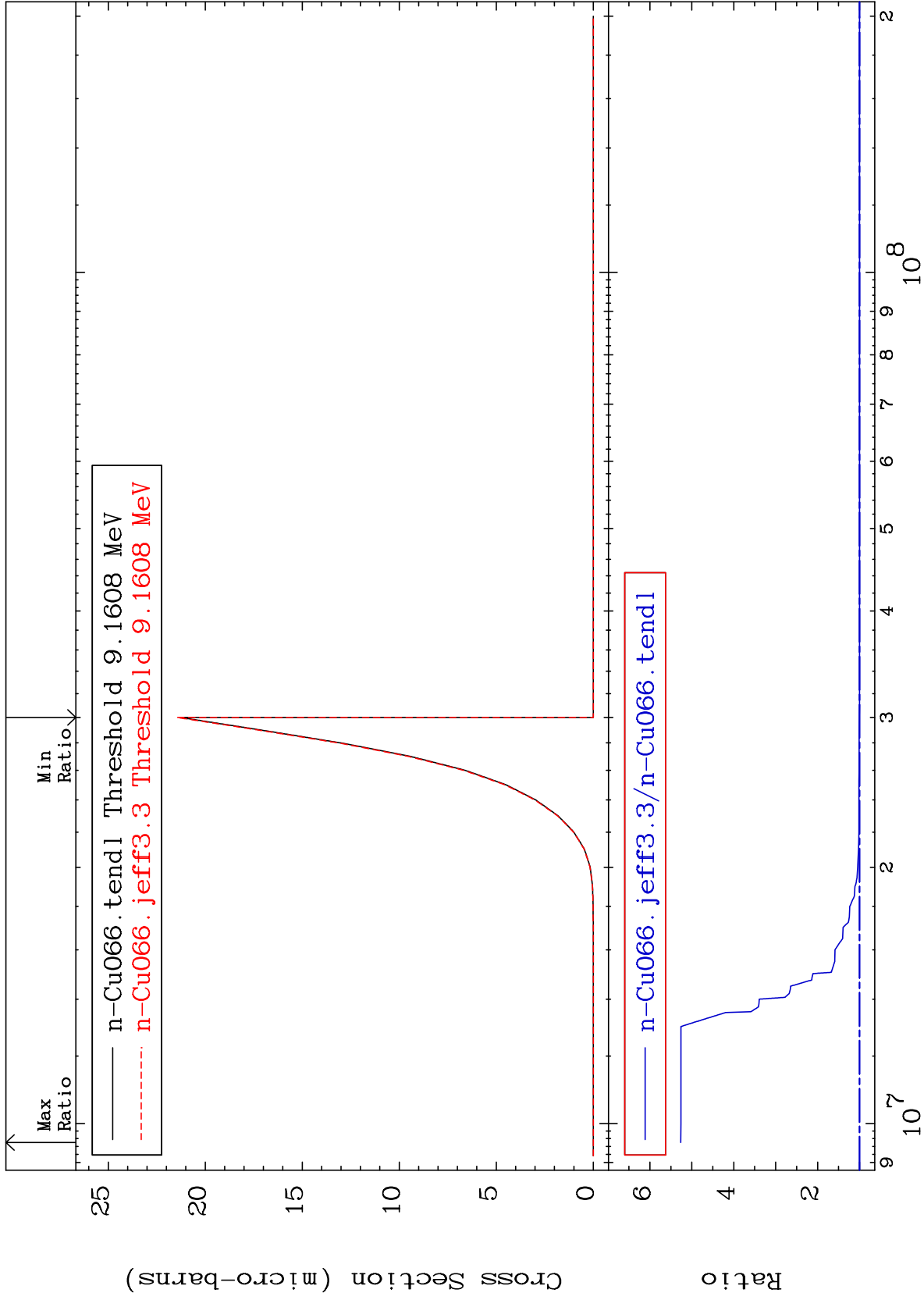


MAT 2934

(n, p)  $\alpha$   
Cross Section

29-Cu-66

0.000 To 426.4 %



57

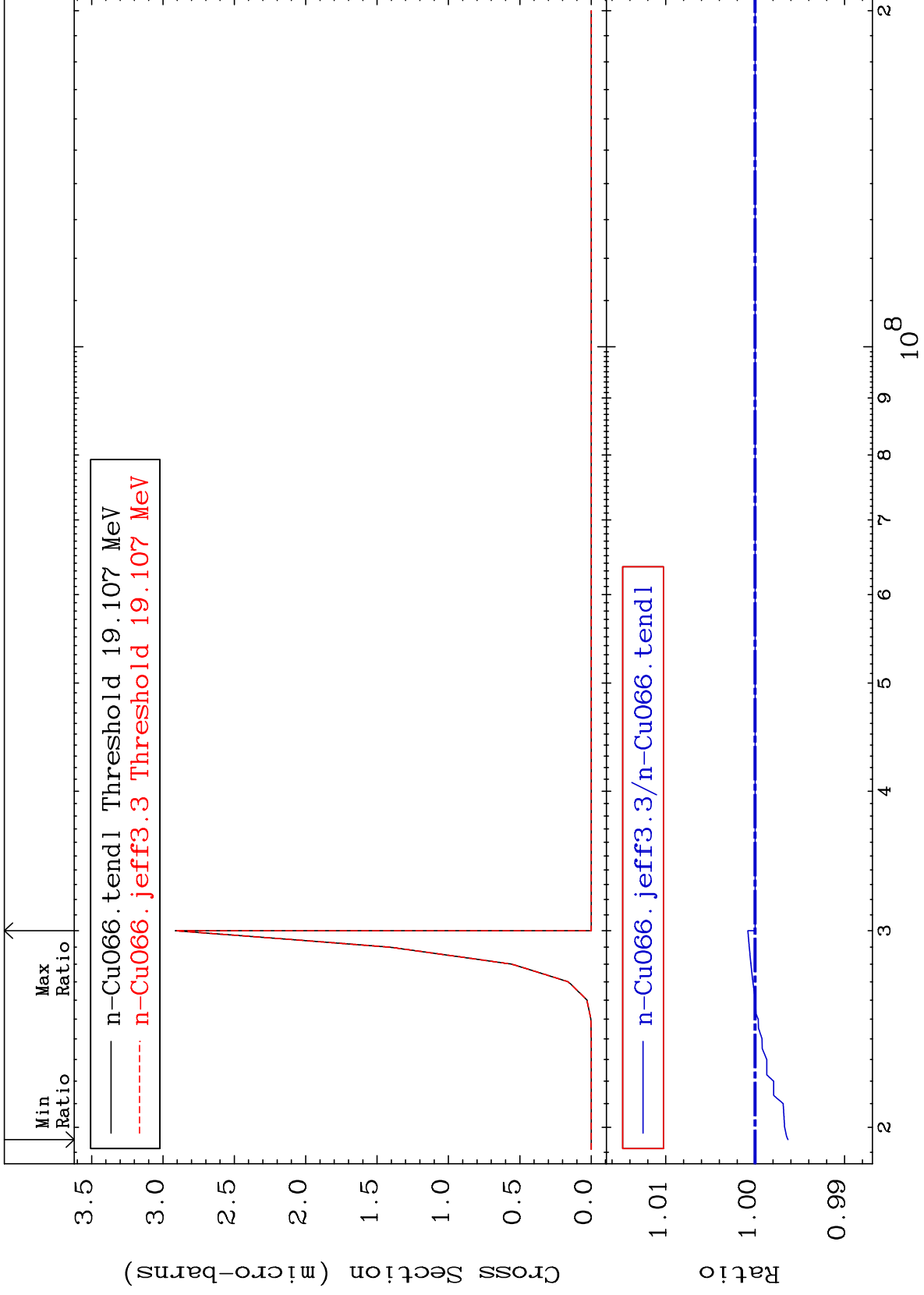
Incident Energy (eV)

29-Cu-66

MAT 2934

(n, p) d  
Cross Section

29-Cu-66  
-0.368 To 0.081 %



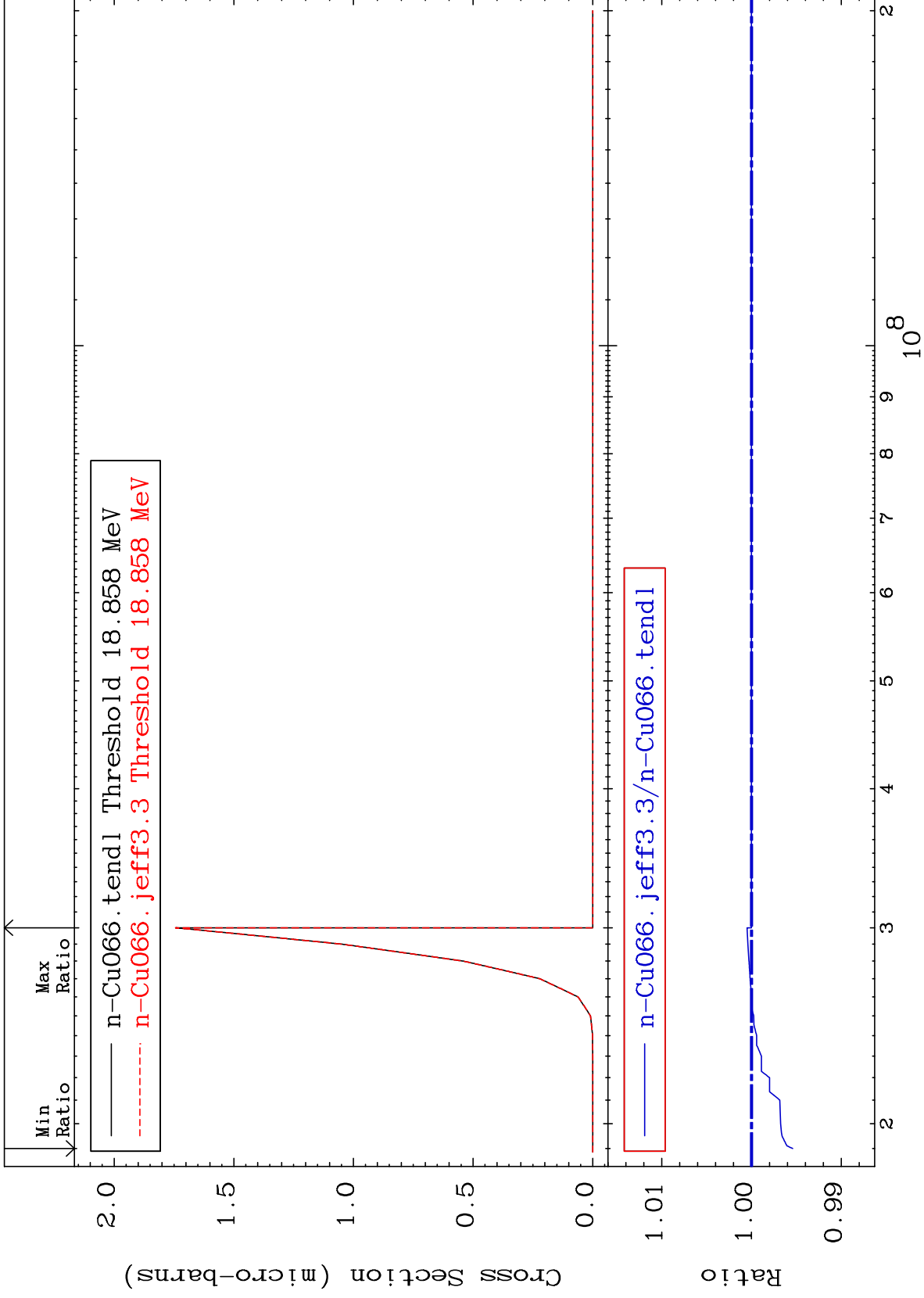
MAT 2934

(n, p) t

29-Cu-66

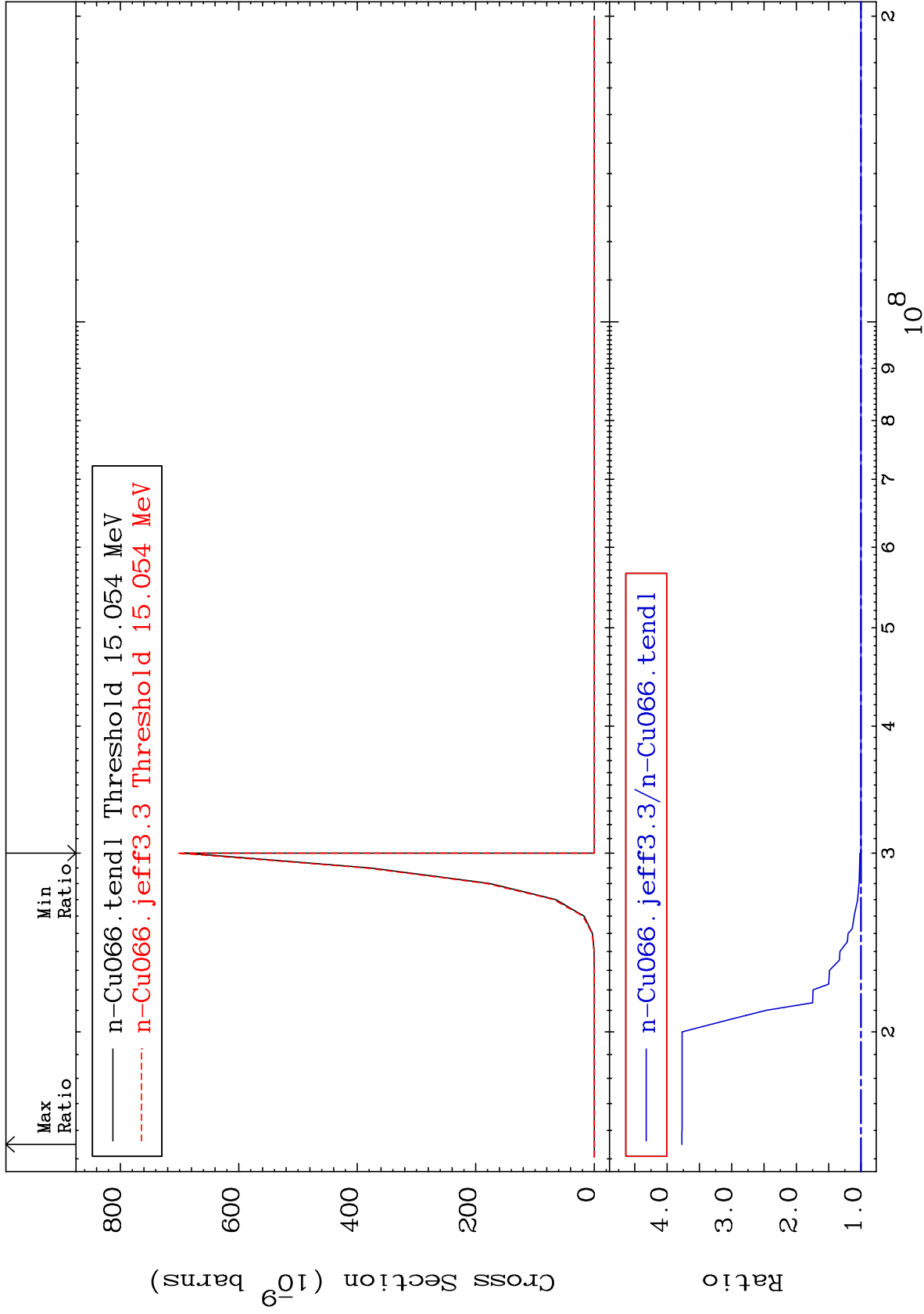
Cross Section

-0.460 To 0.050 %



MAT 2934

(n,d)  $\alpha$  Cross Section  
29-Cu-66 To 277.1 %  
0.000



60

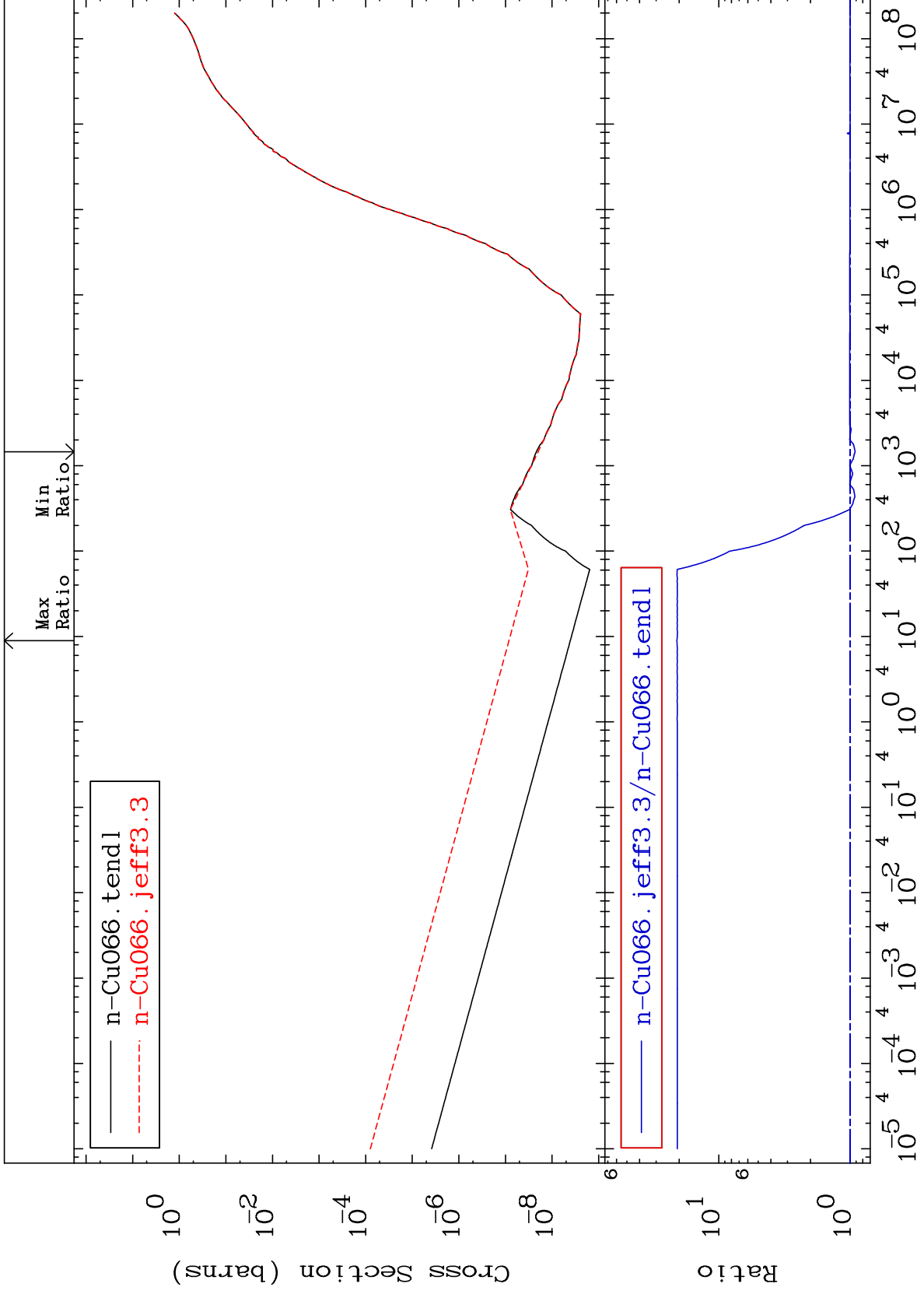
Incident Energy (eV)

29-Cu-66

MAT 2934

Hydrogen Production  
Cross Section

29-Cu-66  
-8.502 To 1980. %



61

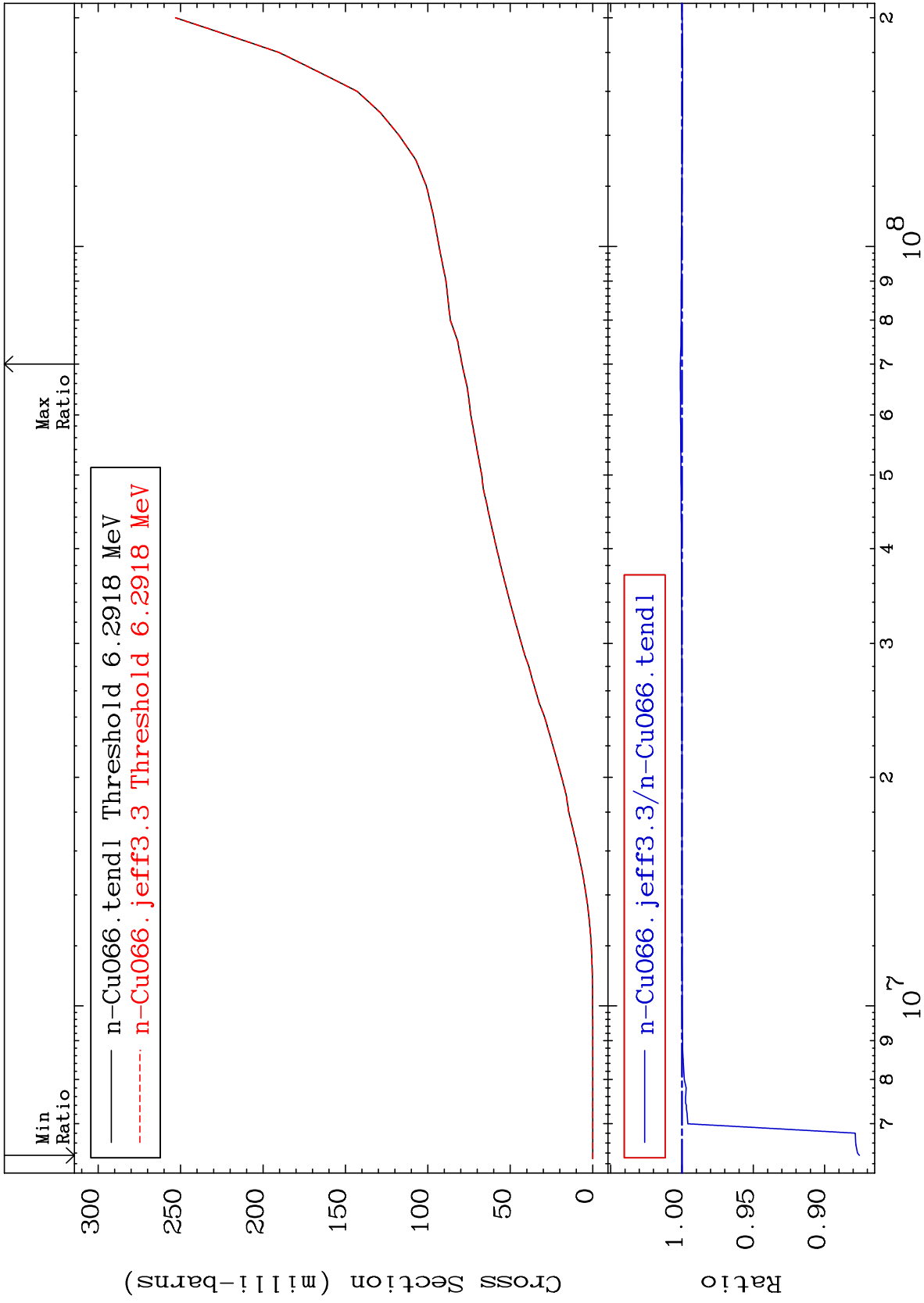
Incident Energy (eV)

29-Cu-66

MAT 2934

Deuterium Production  
Cross Section

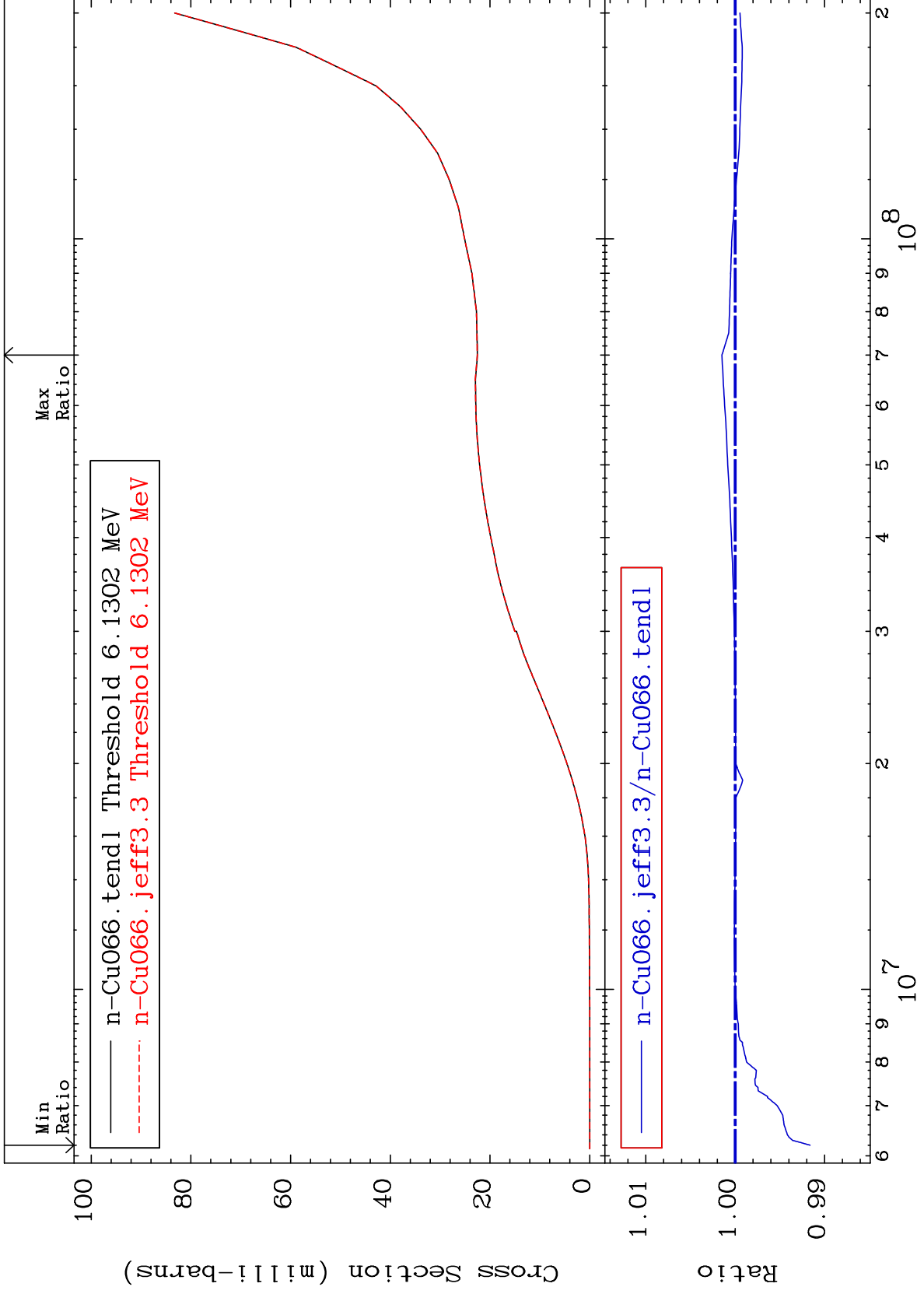
29-Cu-66  
-12.44 To 0.116 %



MAT 2934

Tritium Production  
Cross Section

29-Cu-66  
-0.838 To 0.148 %



63

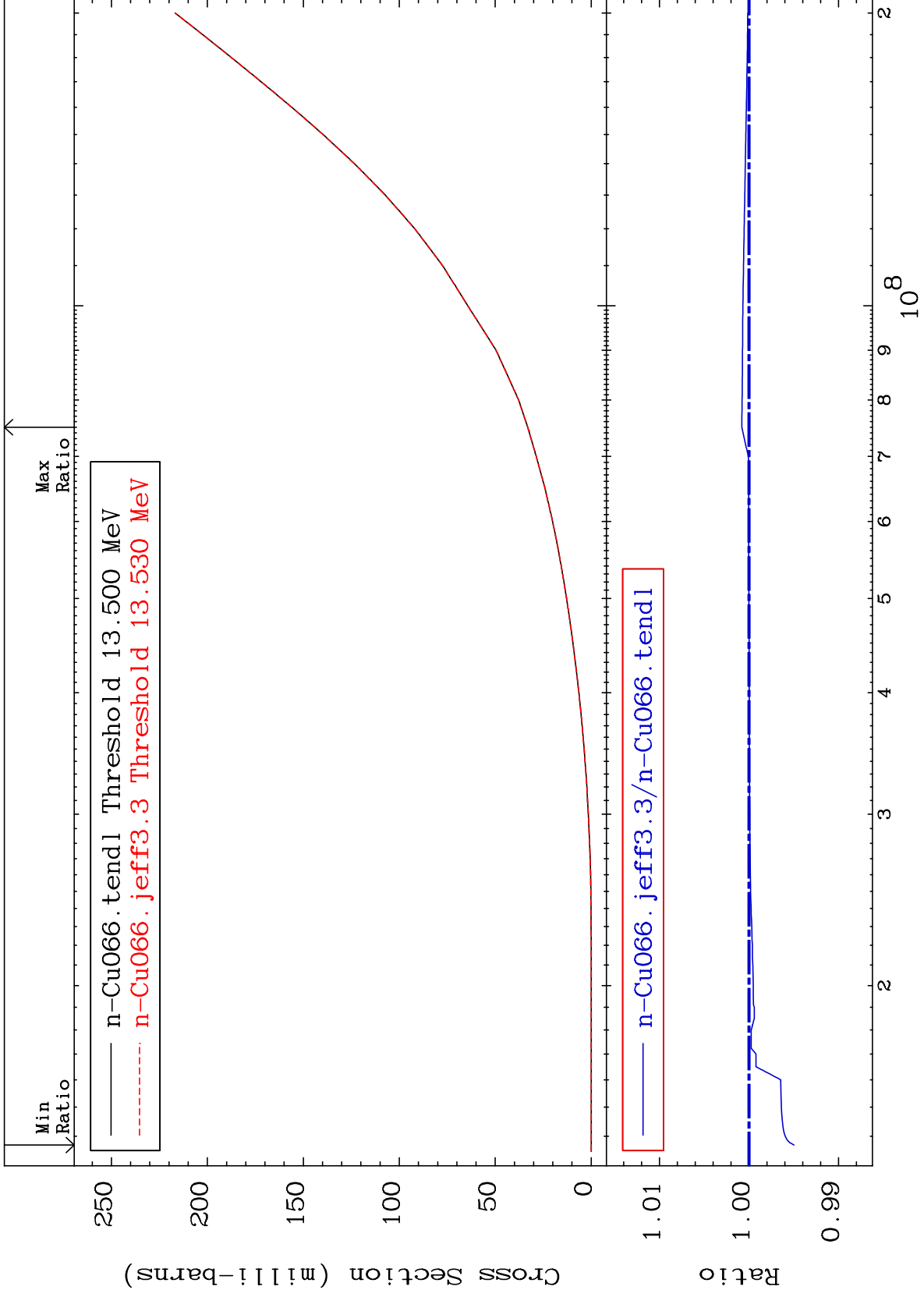
Incident Energy (eV)

29-Cu-66

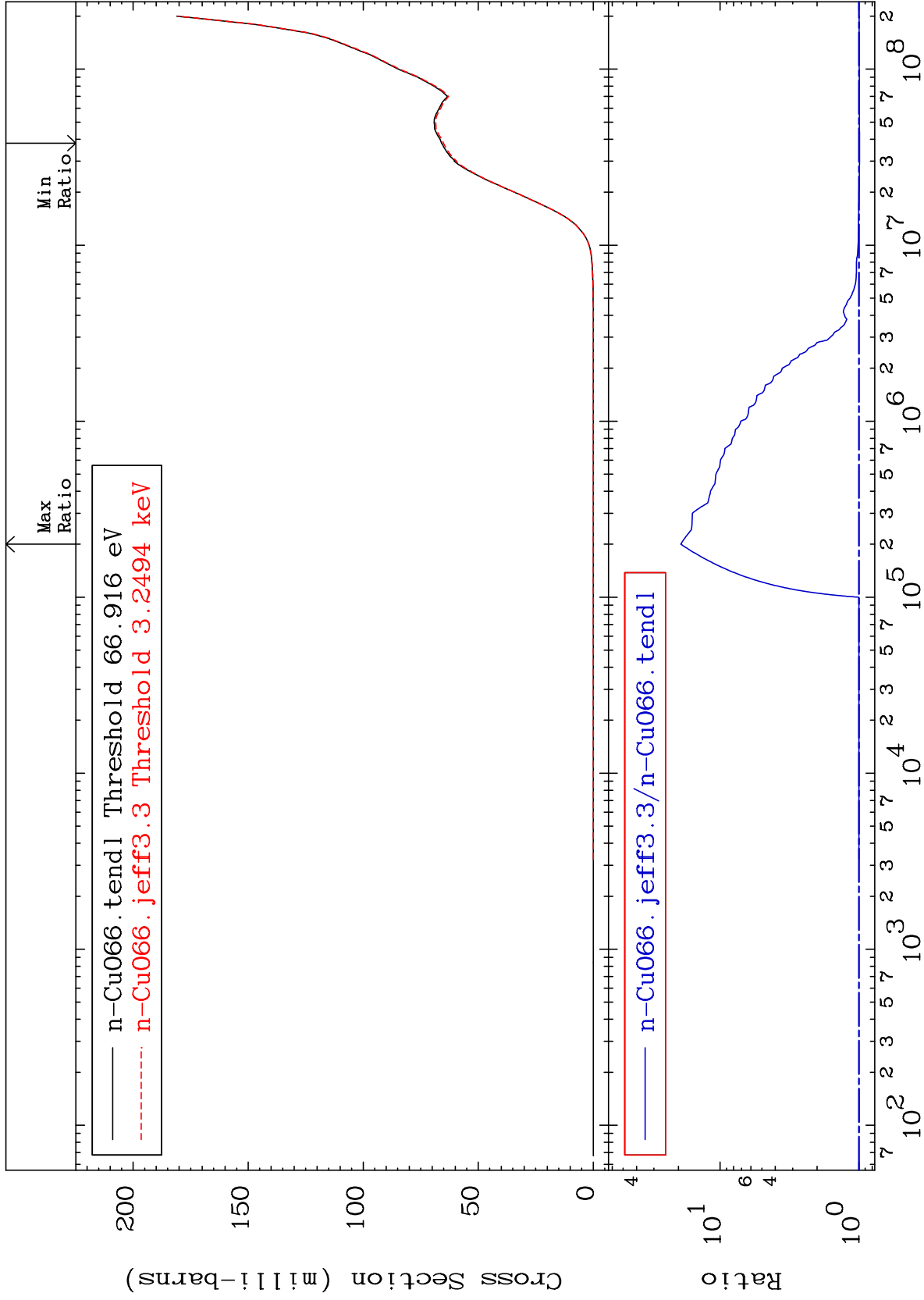
MAT 2934

He-3 Production  
Cross Section

29-Cu-66  
-0.504 To 0.081 %







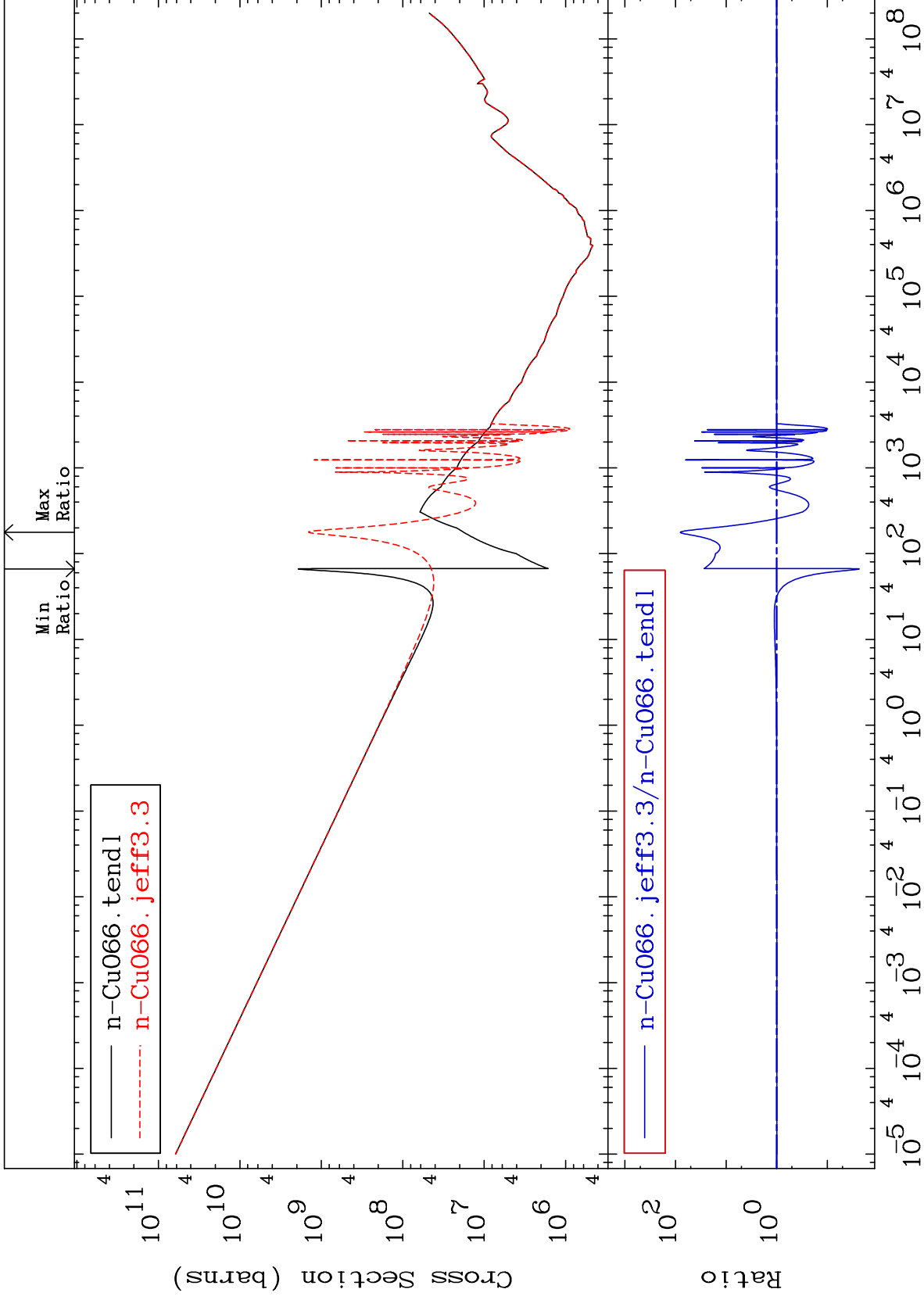
MAT 2934

Kerma total (eV-barns)

29-Cu-66

-97.68 To 7932. %

Cross Section



66

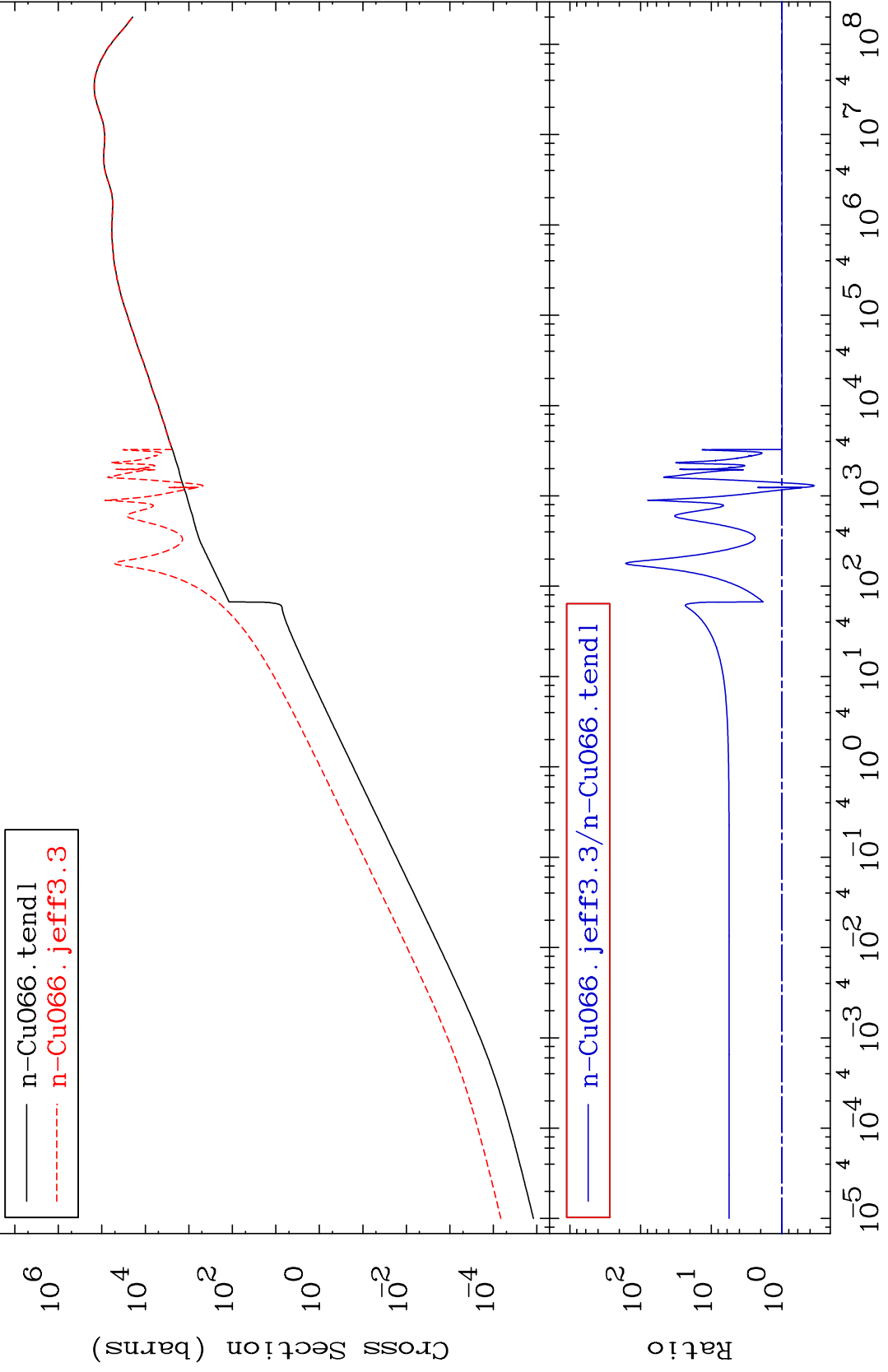
Incident Energy (eV)

29-Cu-66

MAT 2934

Kerma elastic  
Cross Section

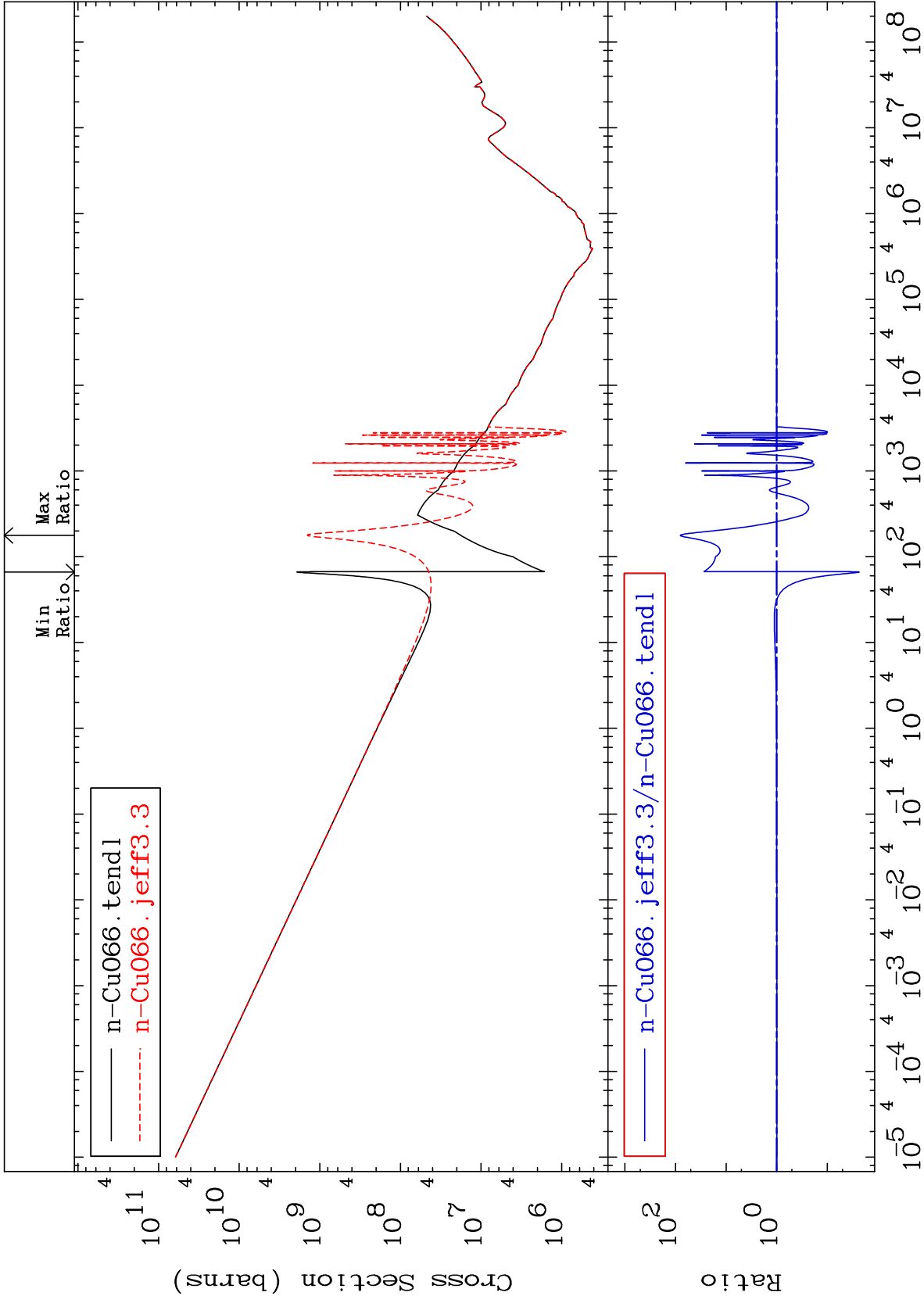
29-Cu-66  
-65.00 To 9999. %

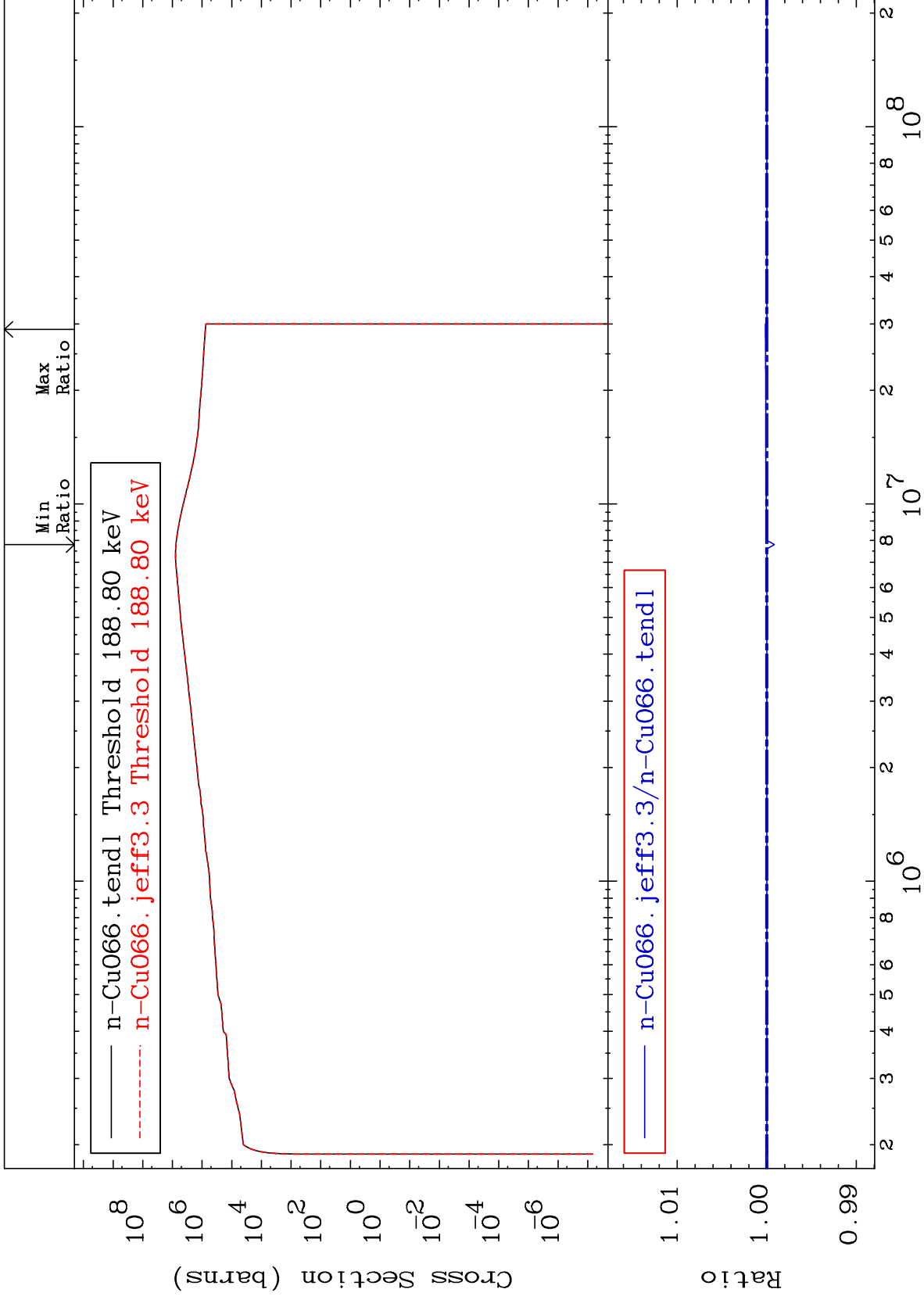


67

Incident Energy (eV)

29-Cu-66

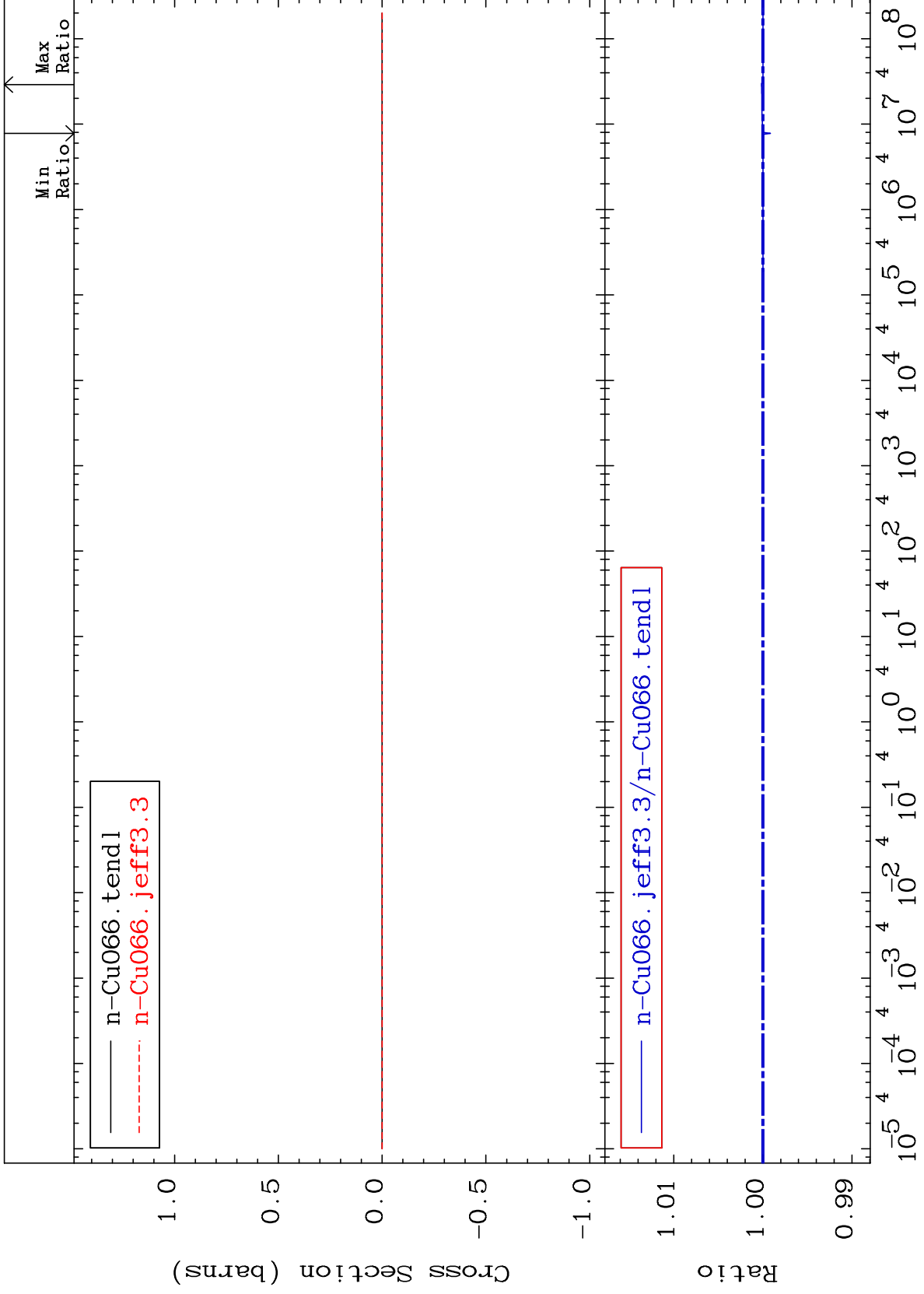




MAT 2934

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

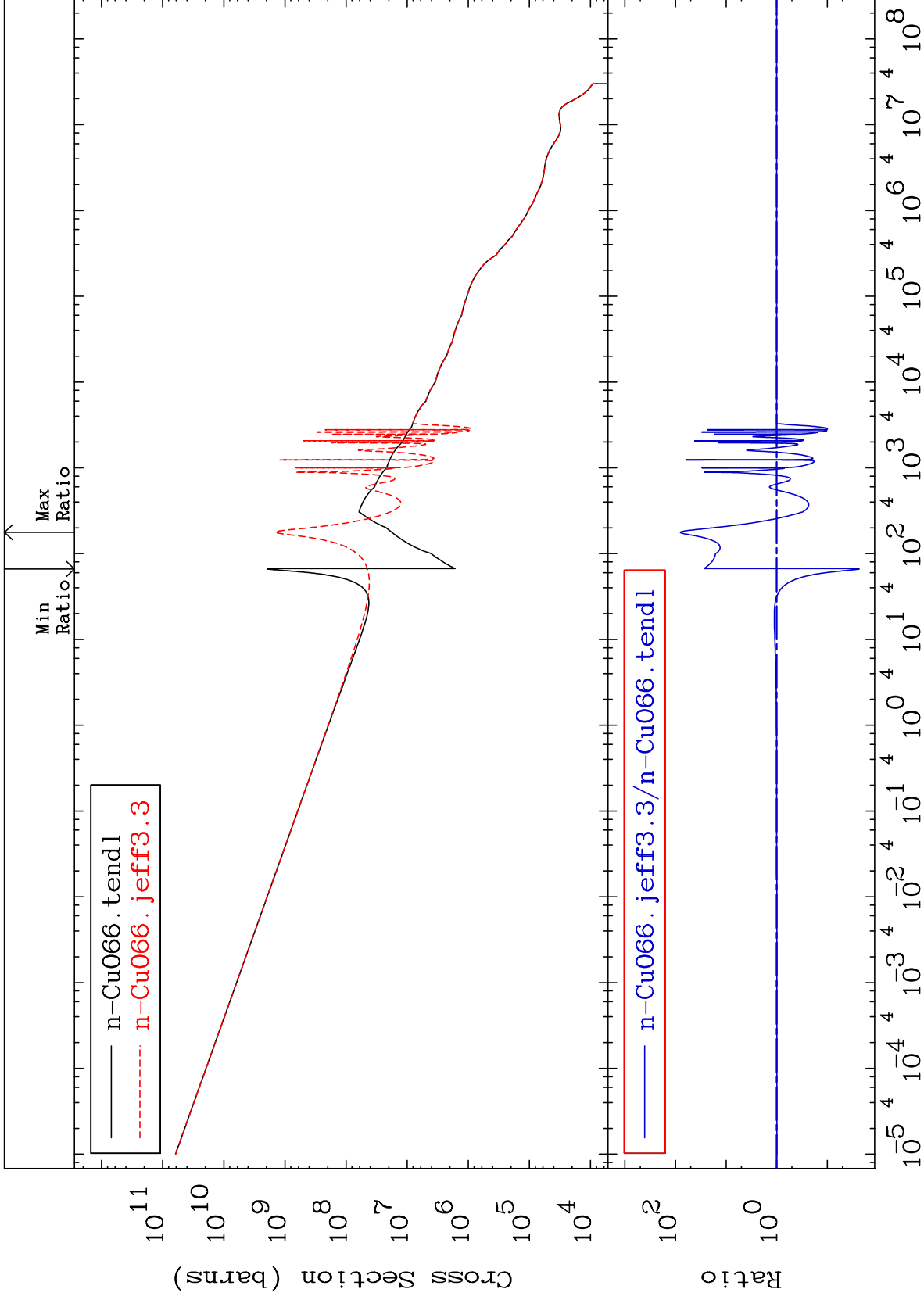
29-Cu-66  
-0.085 To 0.015 %

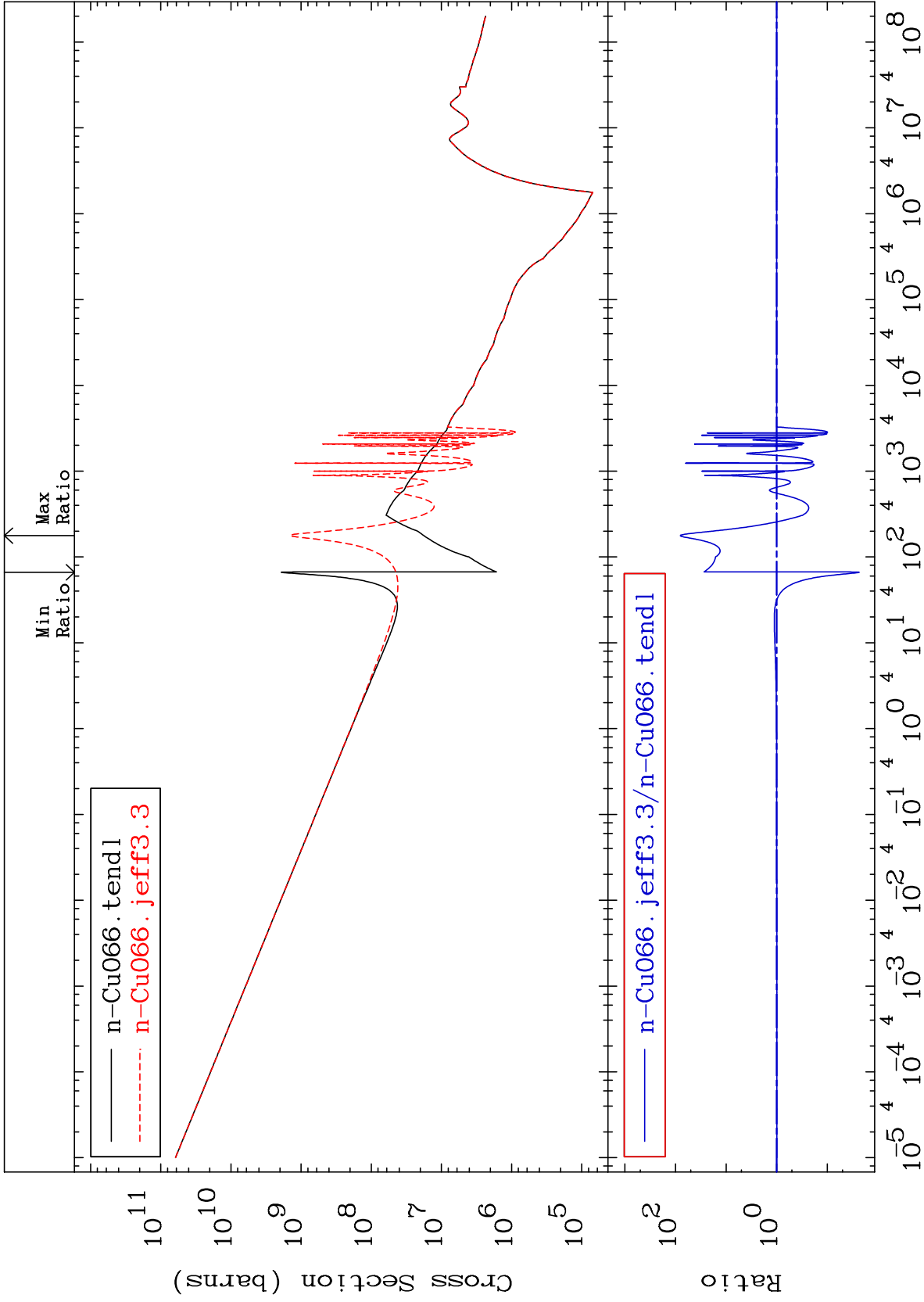


70

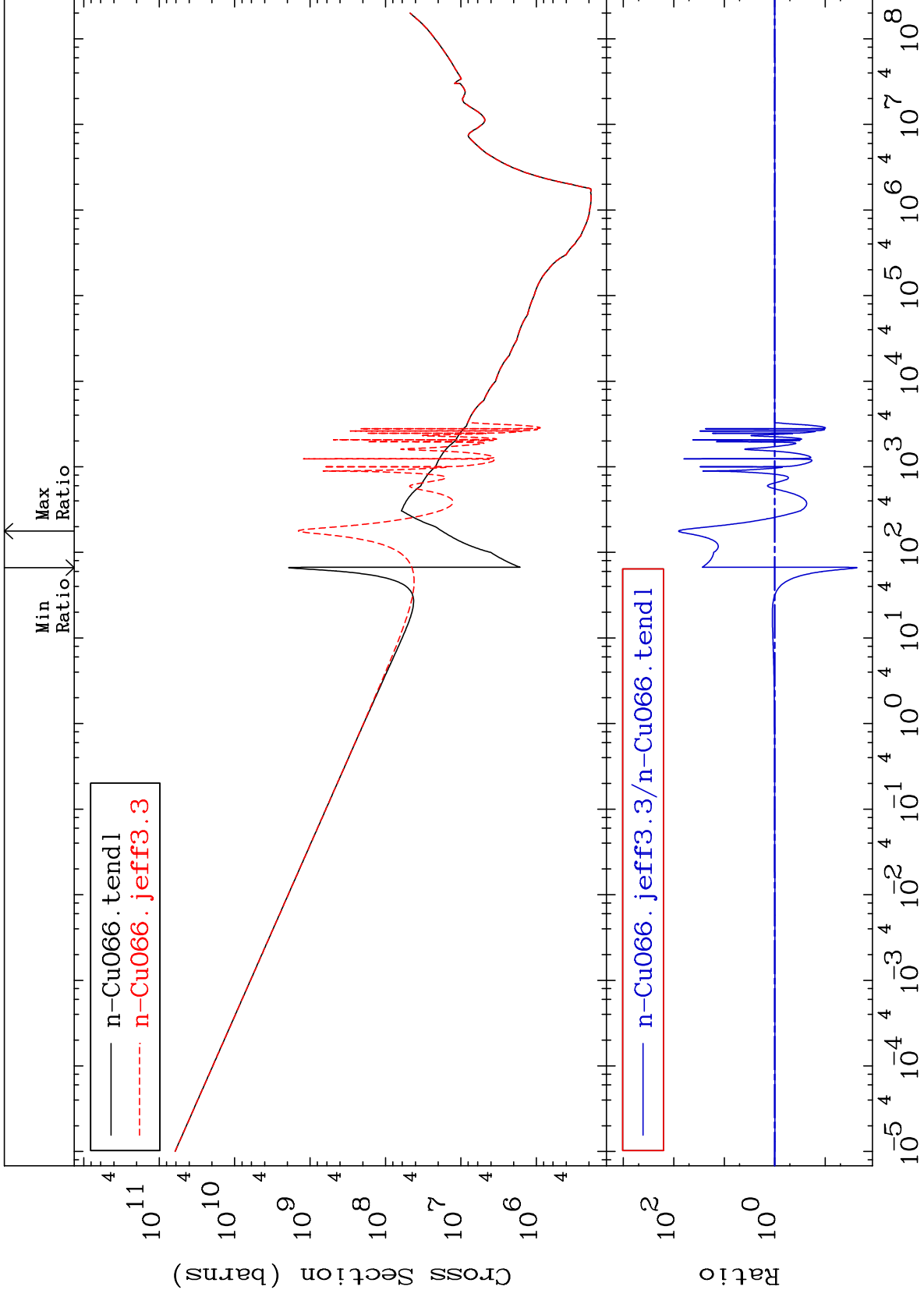
Incident Energy (eV)

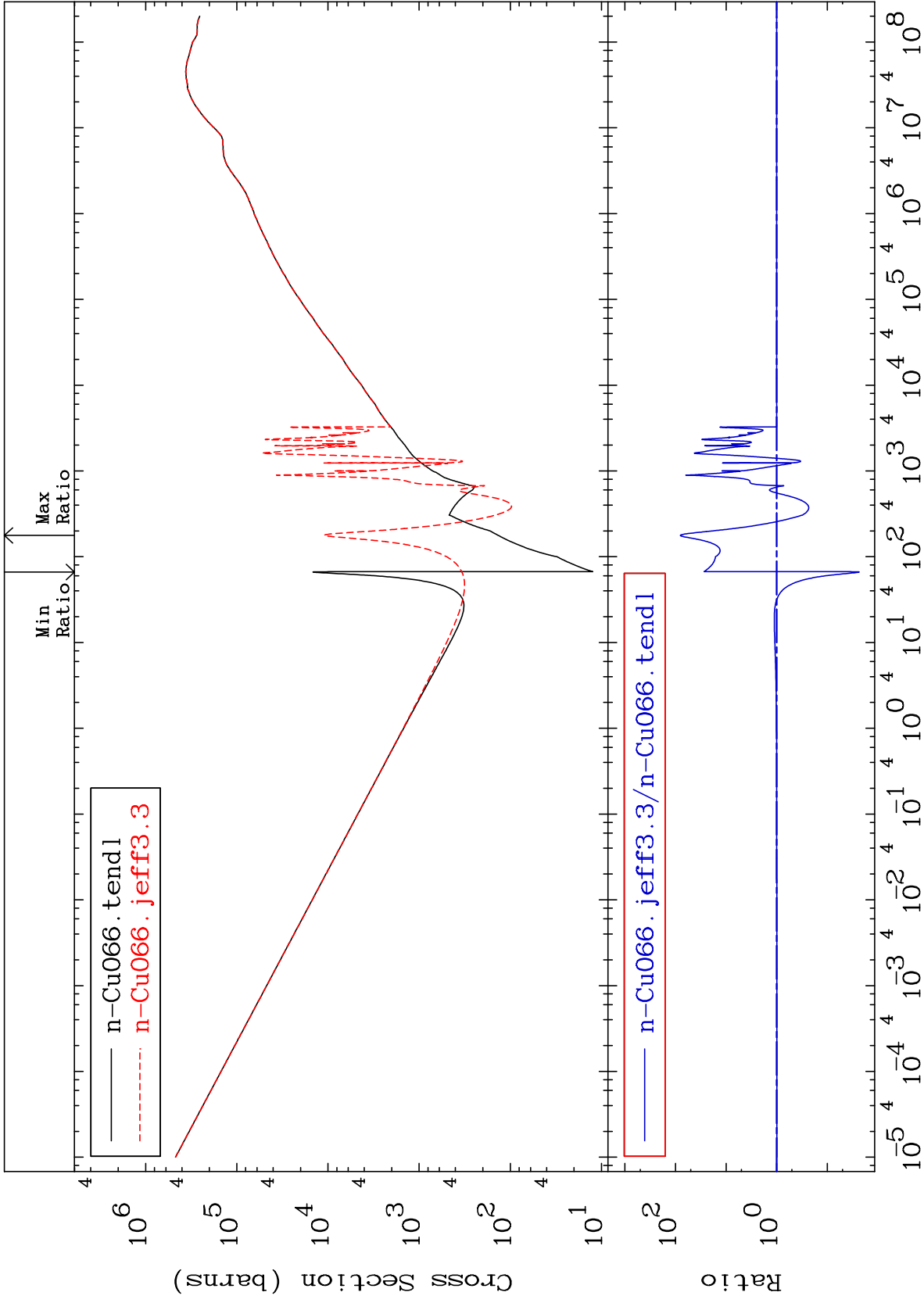
29-Cu-66

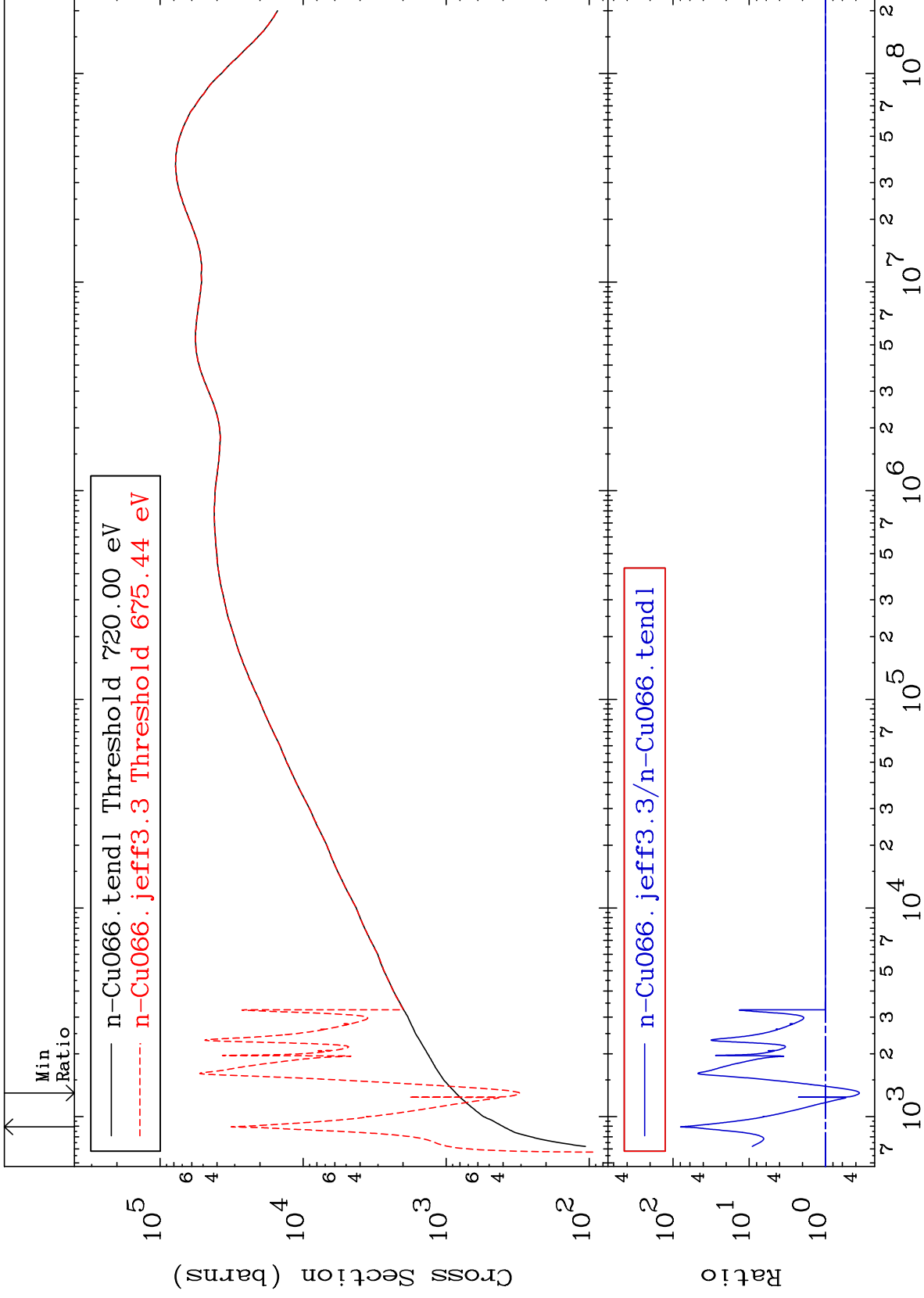


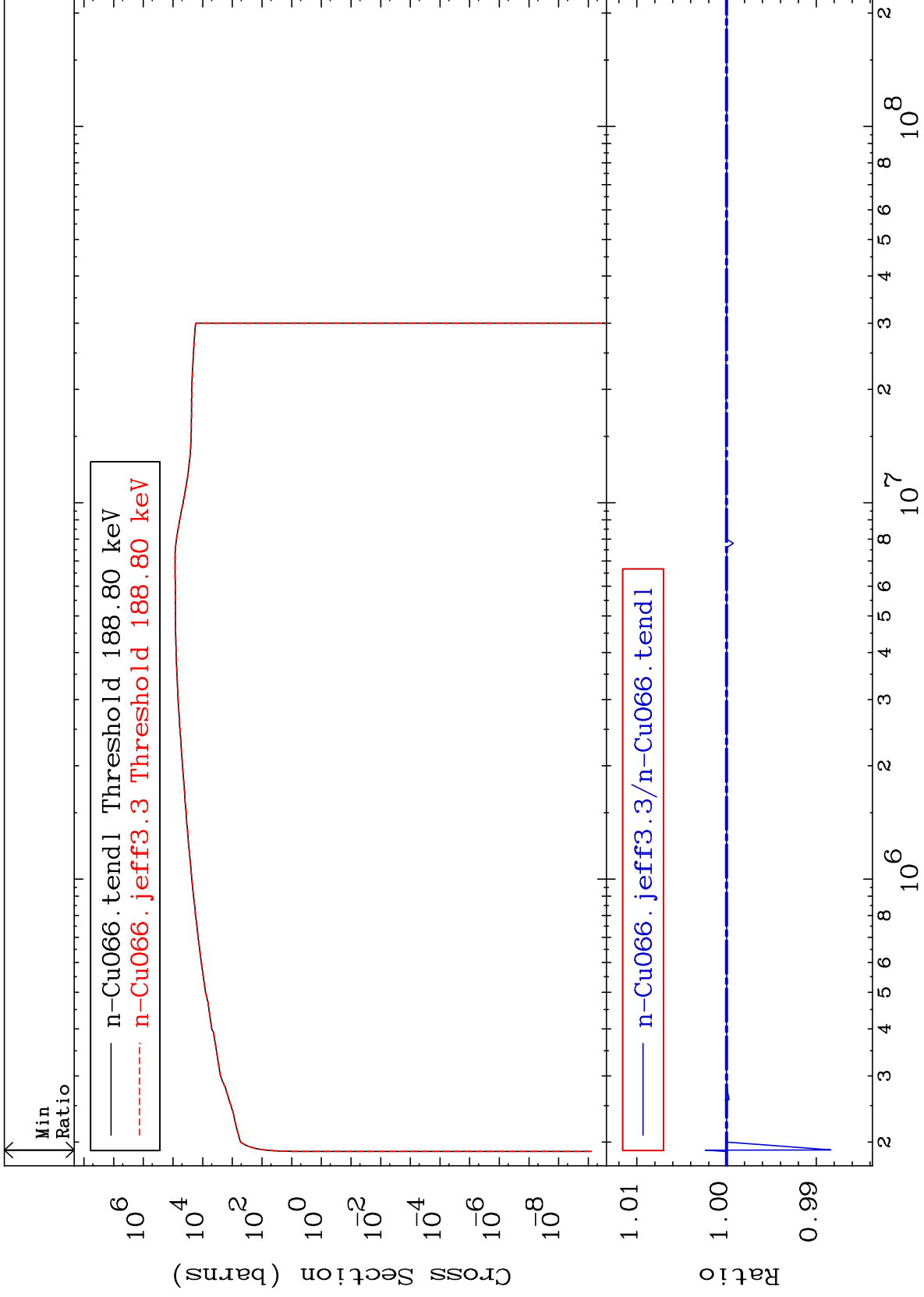


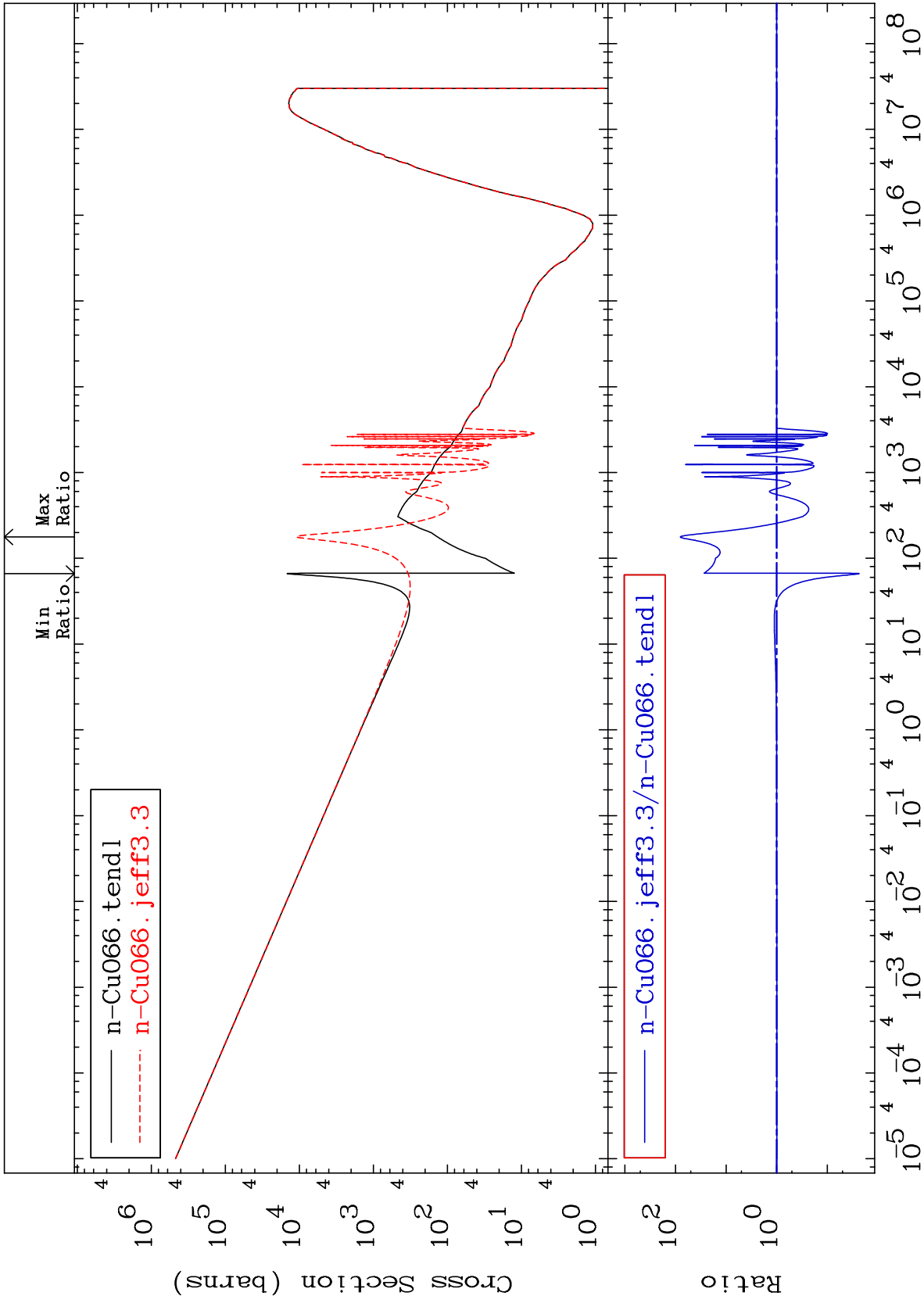










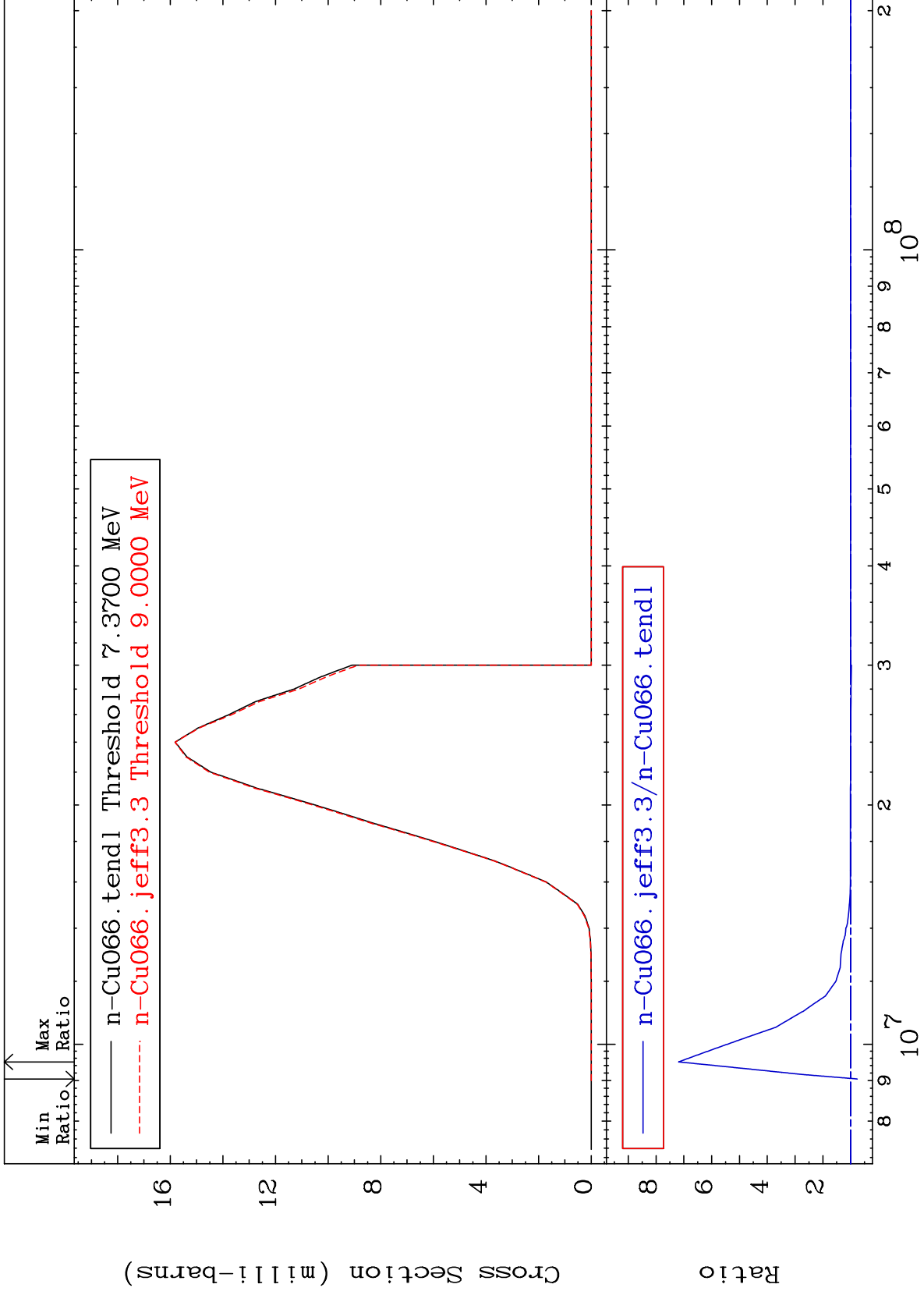


MAT 2934

(n, n')  $\alpha$ :27-Co-62g

29-Cu-66

Radionuclide Production Cross Section -23.78 To 618.8 %

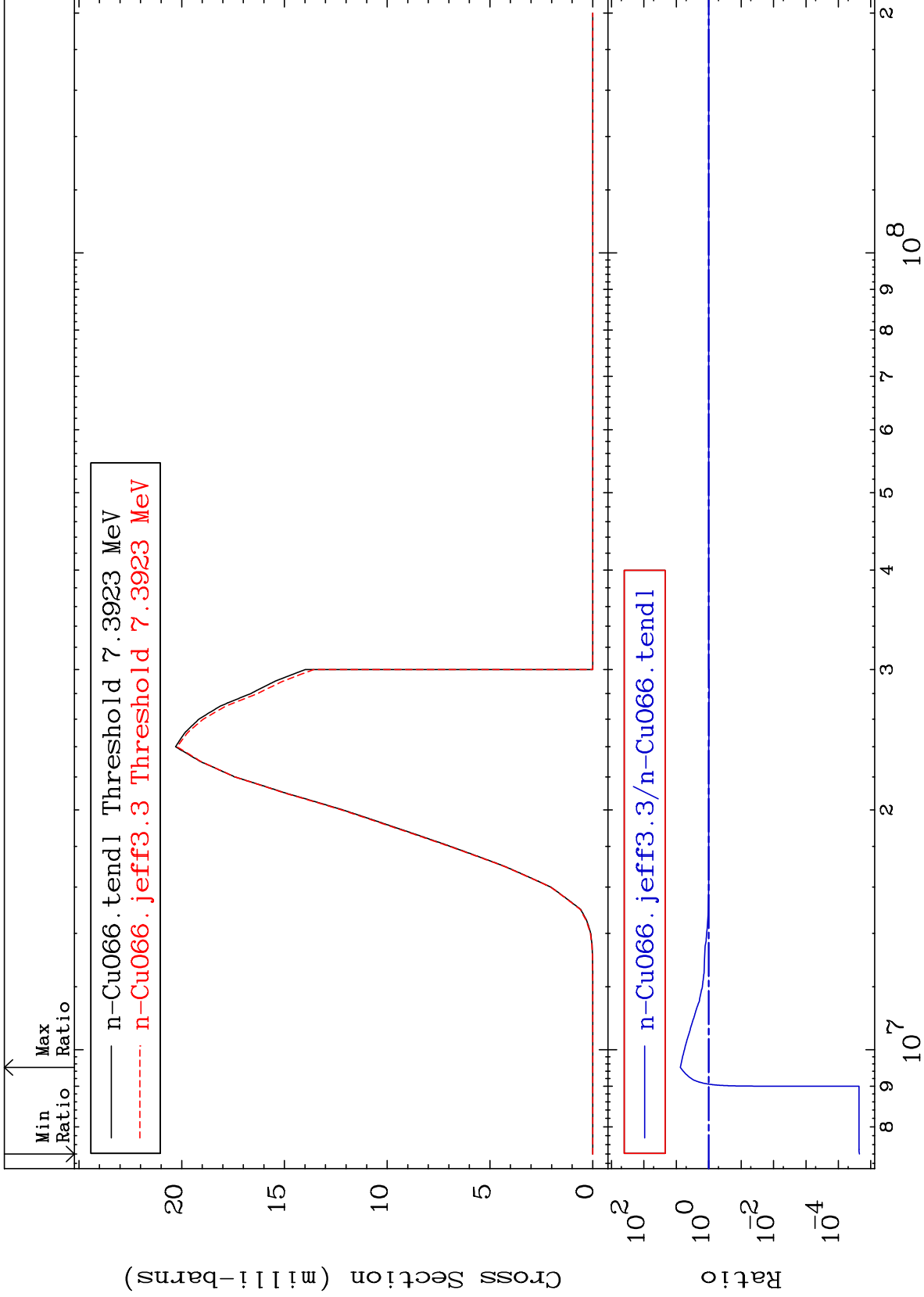


78

Incident Energy (eV)

29-Cu-66

Radionuclide Production Cross Section -100.0 To 649.1 %

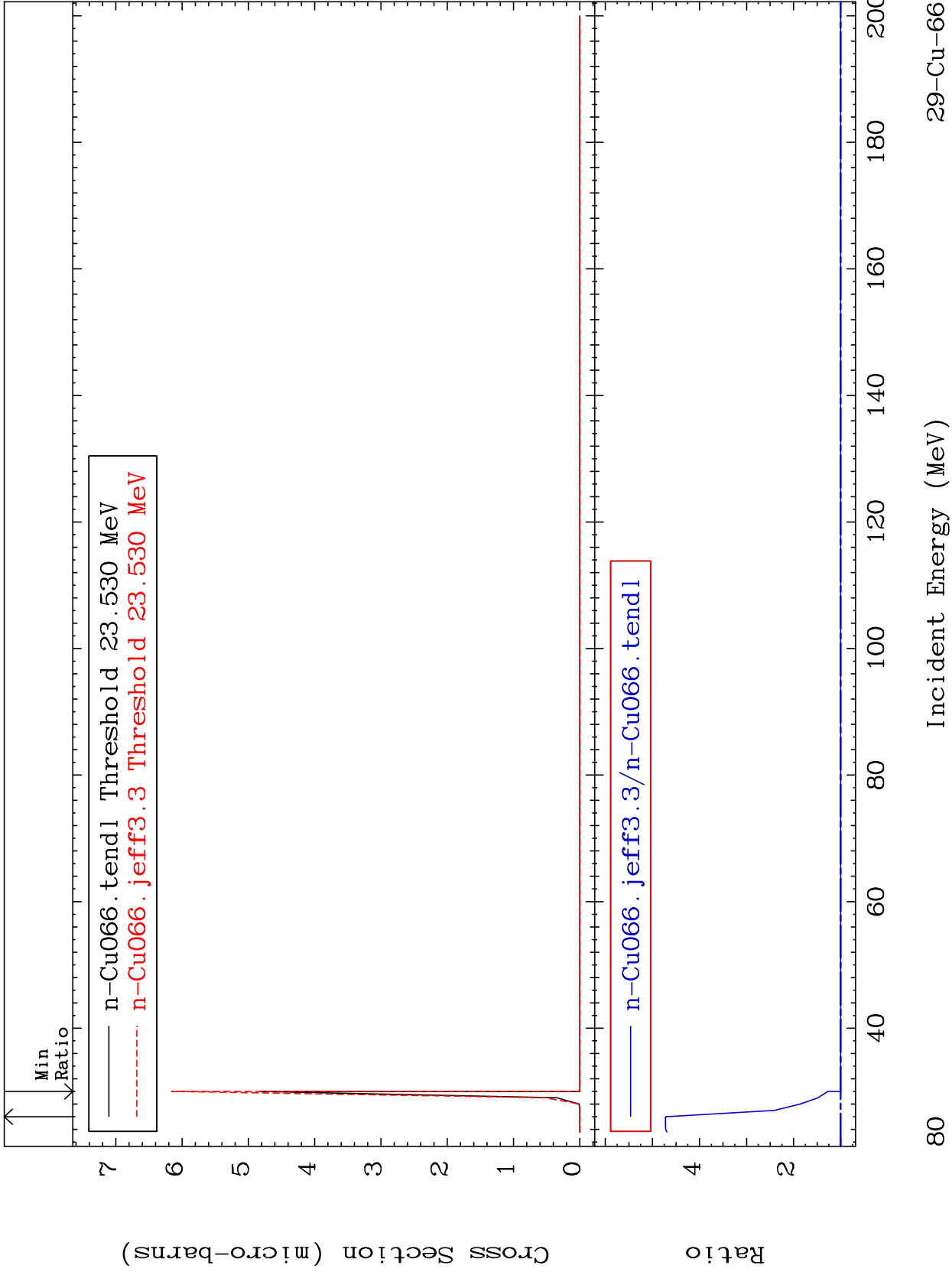


MAT 2934

(n,3n)  $\alpha$ :27-Co-60g

29-Cu-66

Radionuclide Production Cross Section 0.000 To 372.2 %



80

Incident Energy (MeV)

29-Cu-66

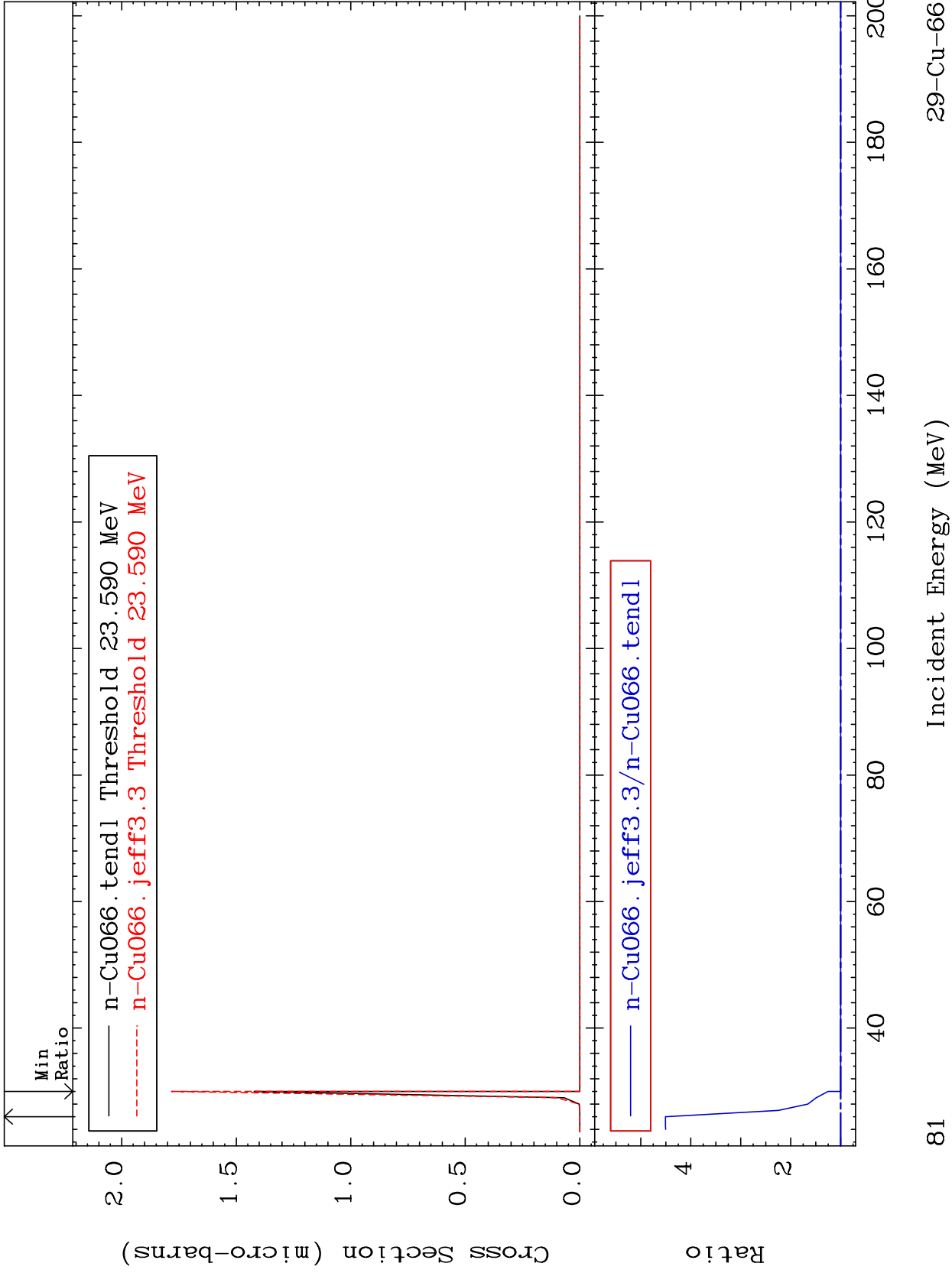


MAT 2934

(n,3n)  $\alpha$ :27-Co-60m1

29-Cu-66

Radionuclide Production Cross Section 0.000 To 350.6 %



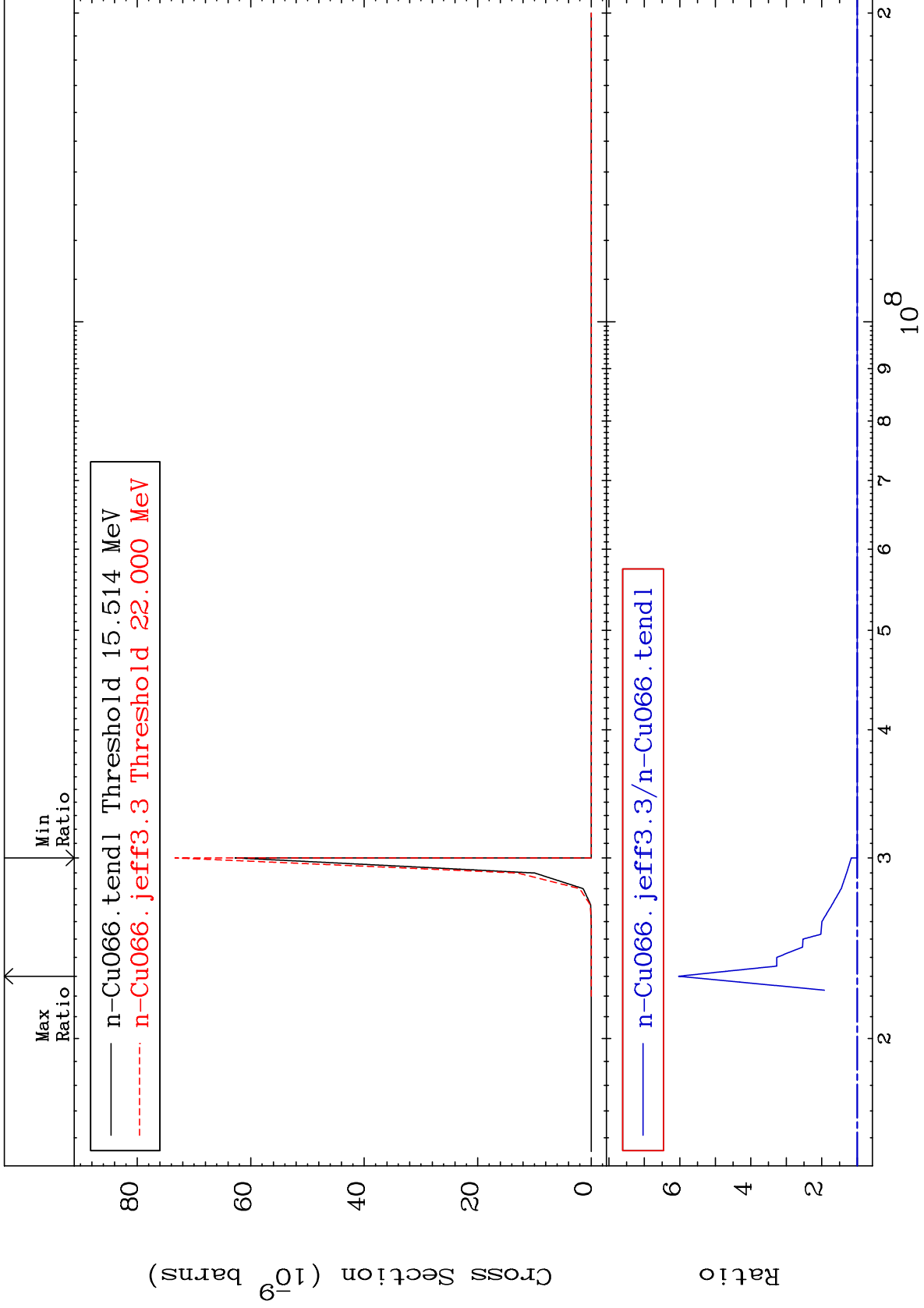
81

MAT 2934

(n, n')  $^{29}\text{Cu}$  Production Cross Section

0.000 To 503.4 %

$^{29}\text{Cu}$ -66



Radionuclide Production Cross Section -99.80 To 519.6 %

