

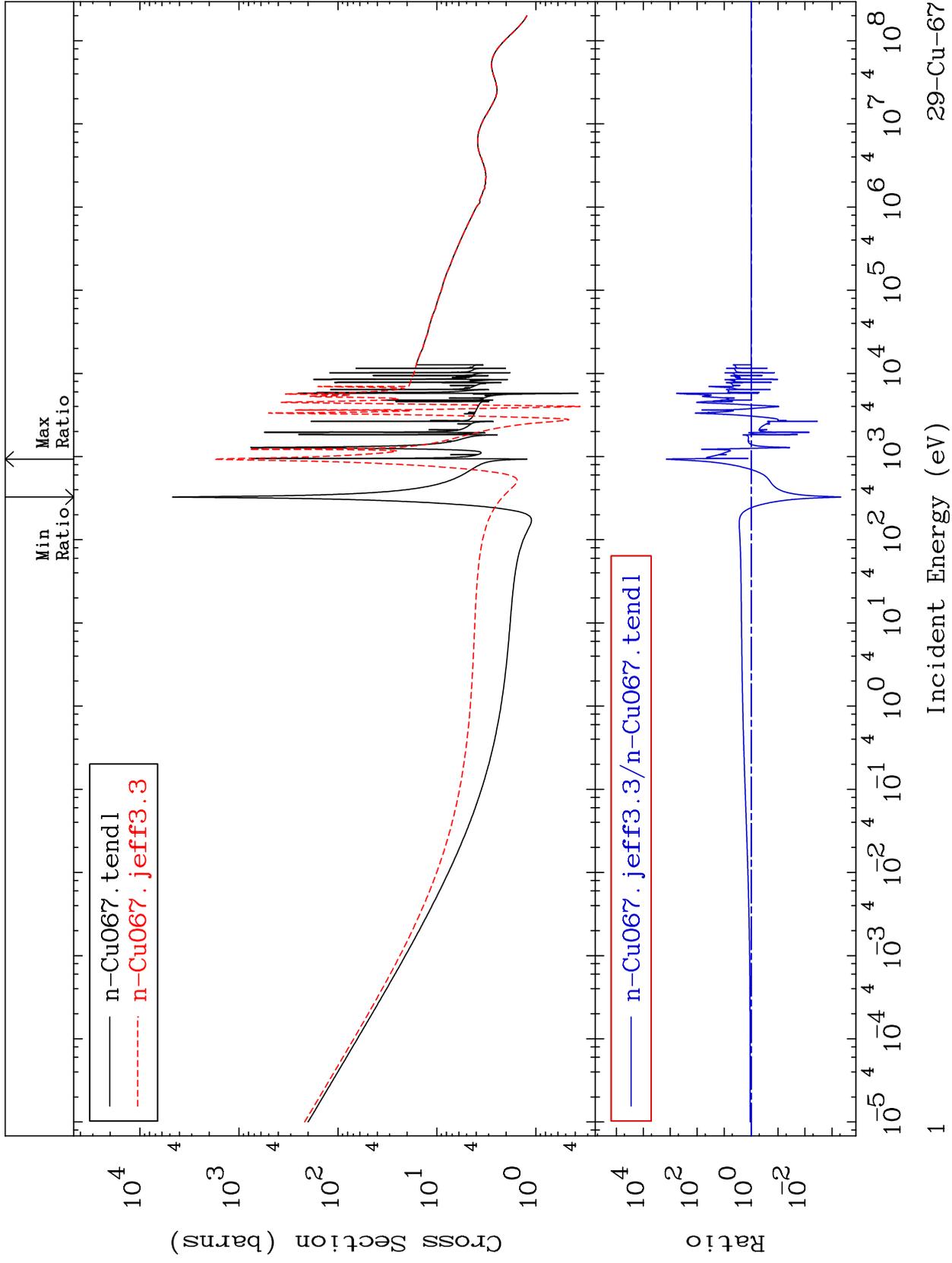
MAT 2937

Total

29-Cu-67

Cross Section

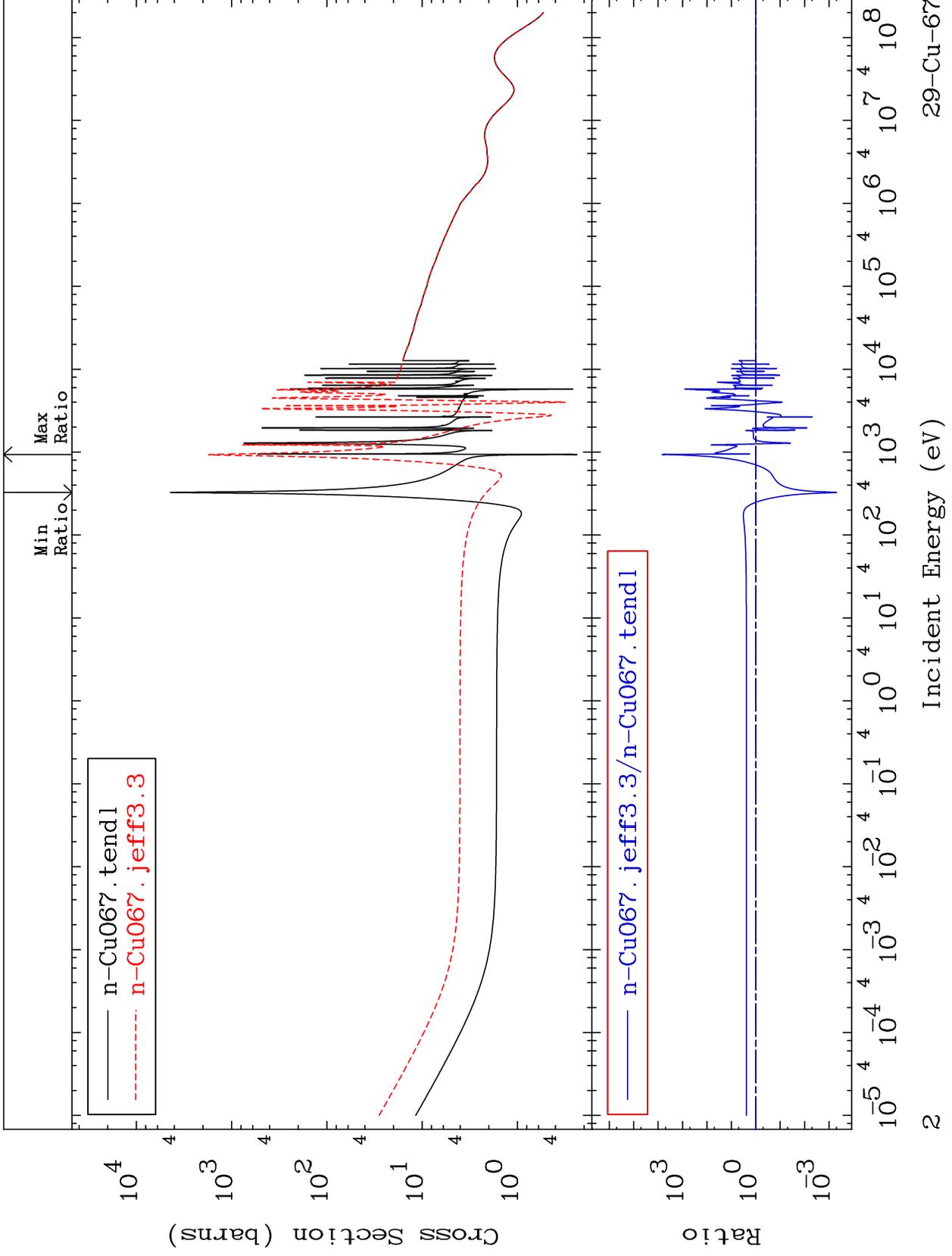
-99.95 To 9999. %



MAT 2937

Elastic
Cross Section

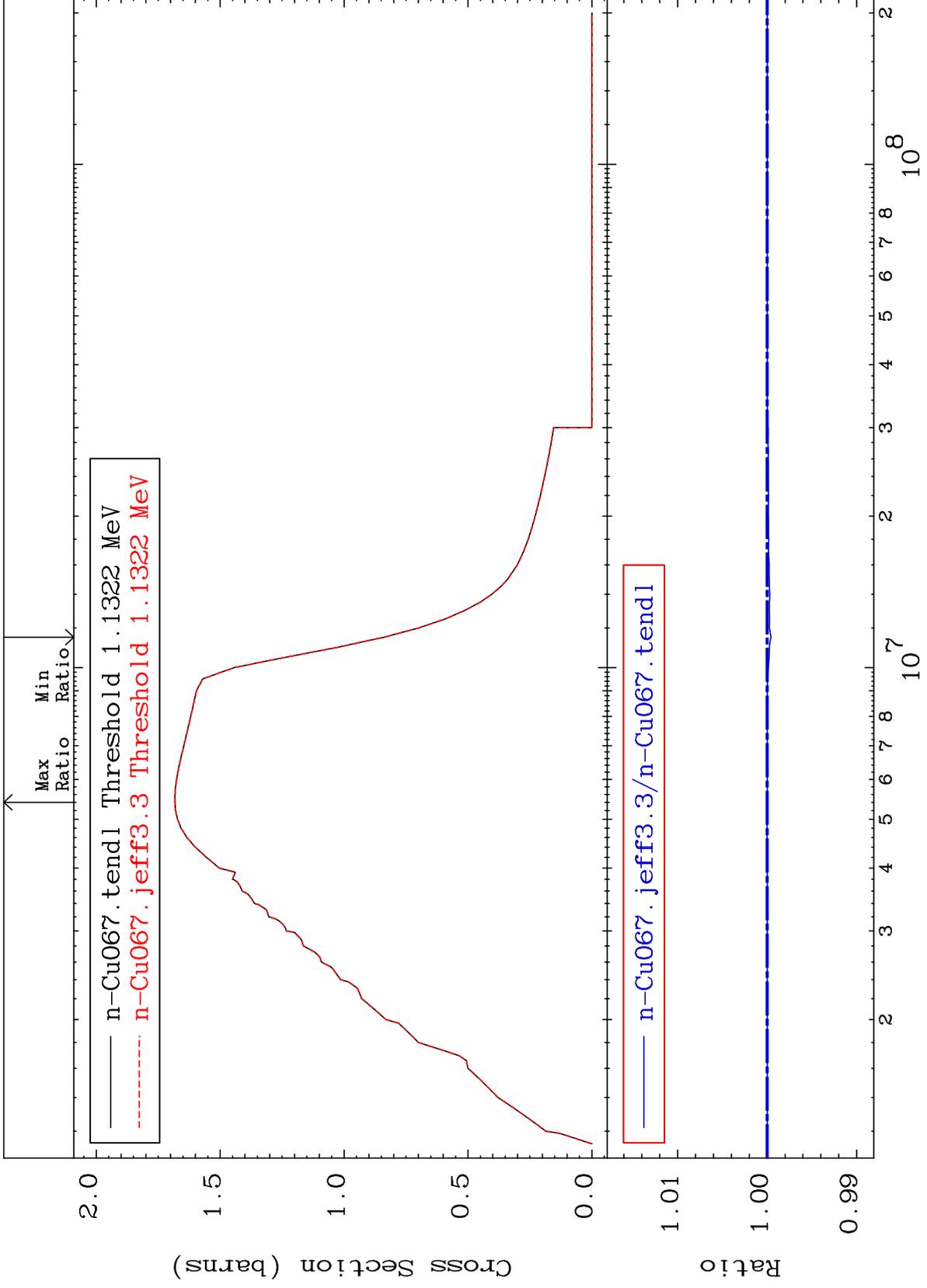
29-Cu-67
-99.95 To 9999. %



MAT 2937

Inelastic
Cross Section

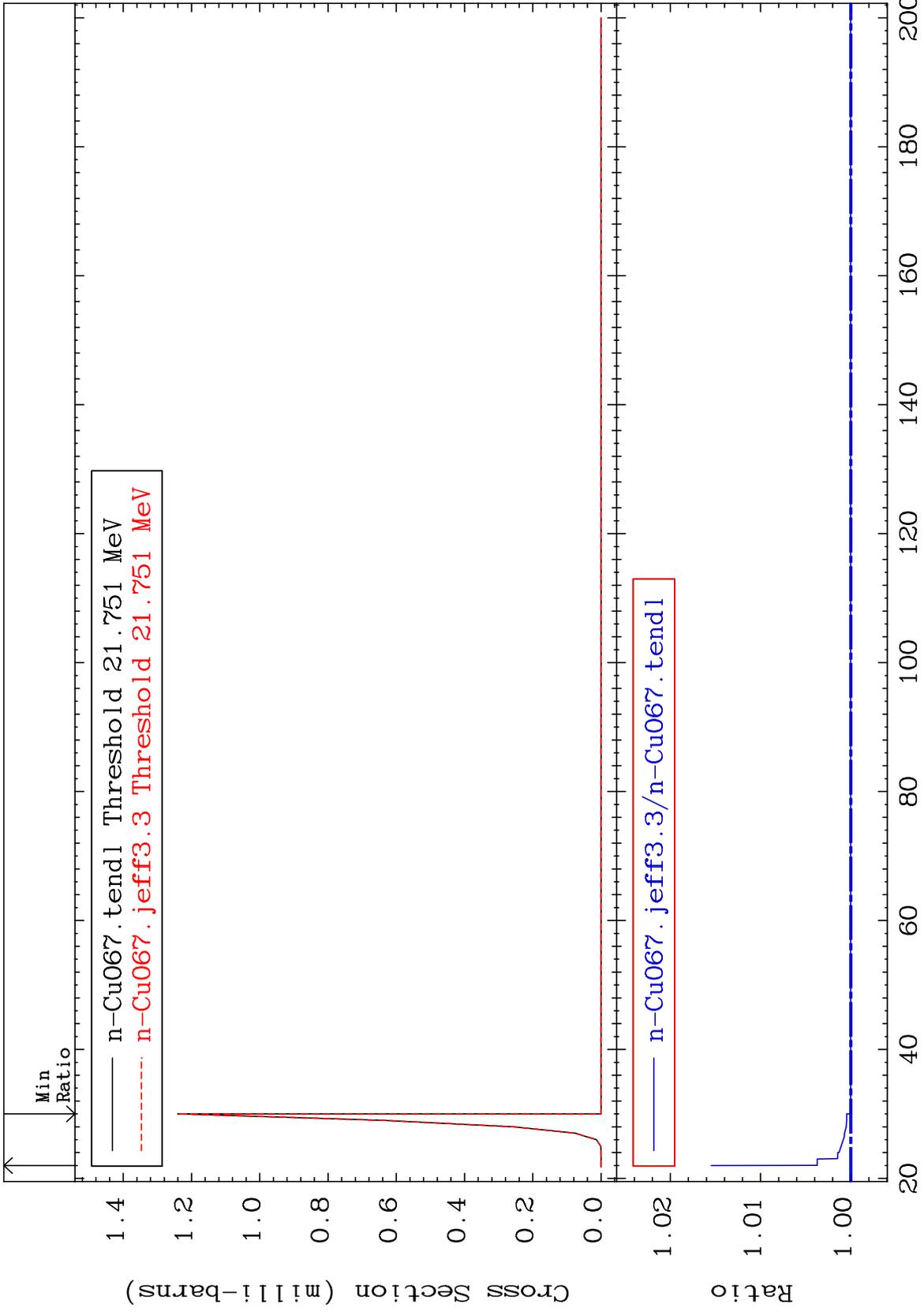
29-Cu-67
-0.042 To 0.000 %



MAT 2937

(n,2n) d
Cross Section

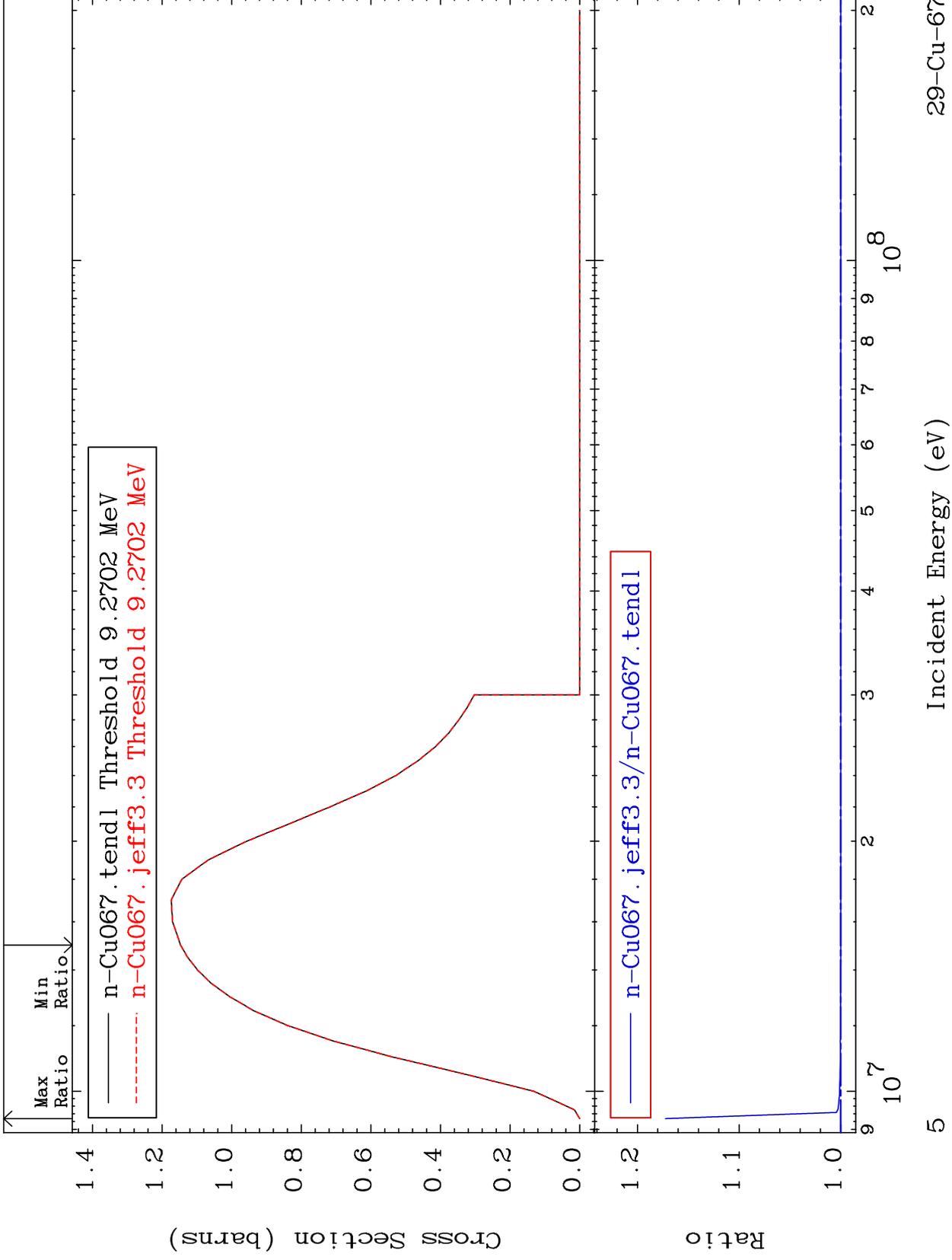
29-Cu-67
0.000 To 1.548 %



MAT 2937

(n,2n)
Cross Section

29-Cu-67
-0.003 To 17.24 %



MAT 2937

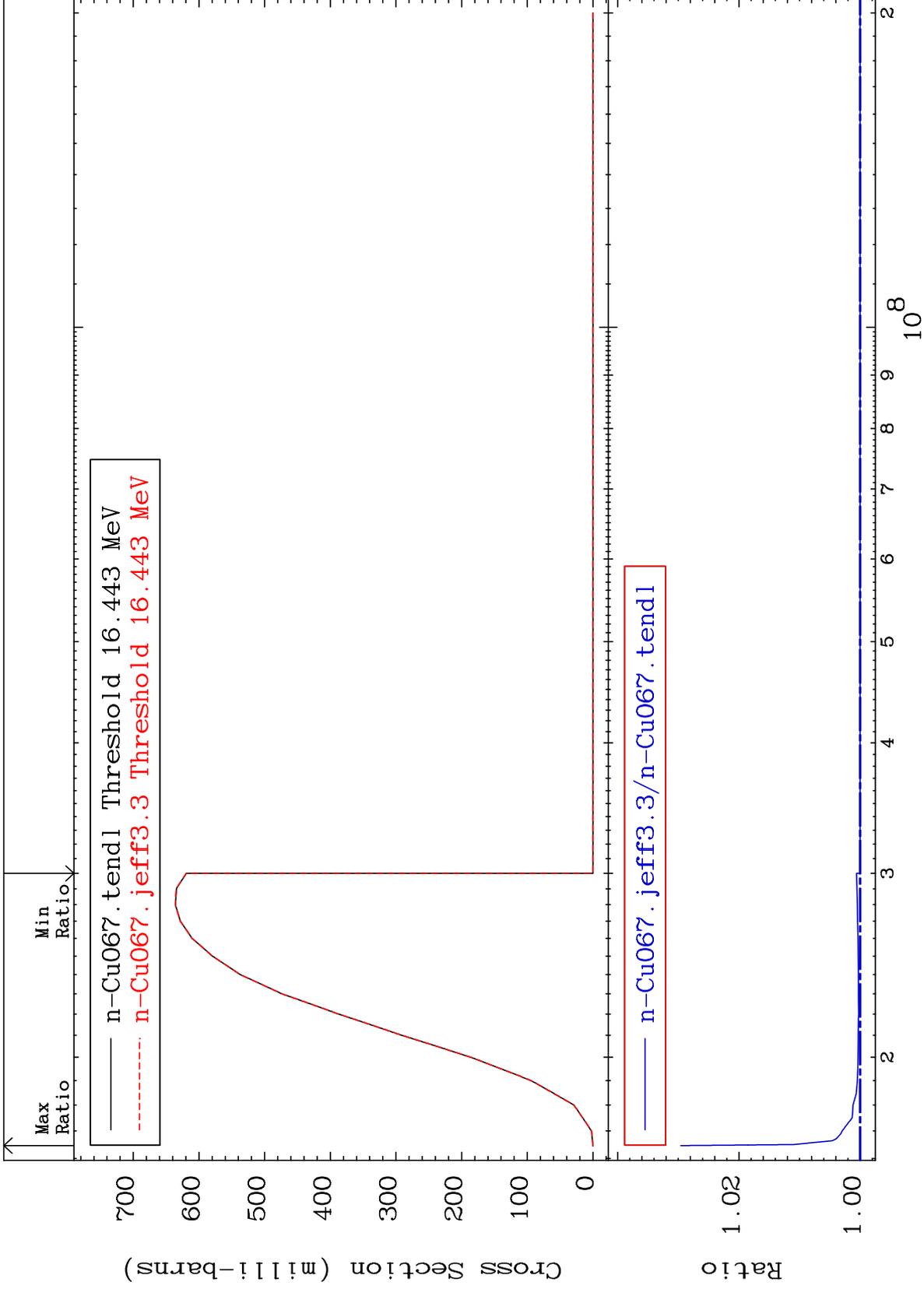
(n,3n)

29-Cu-67

Cross Section

0.000

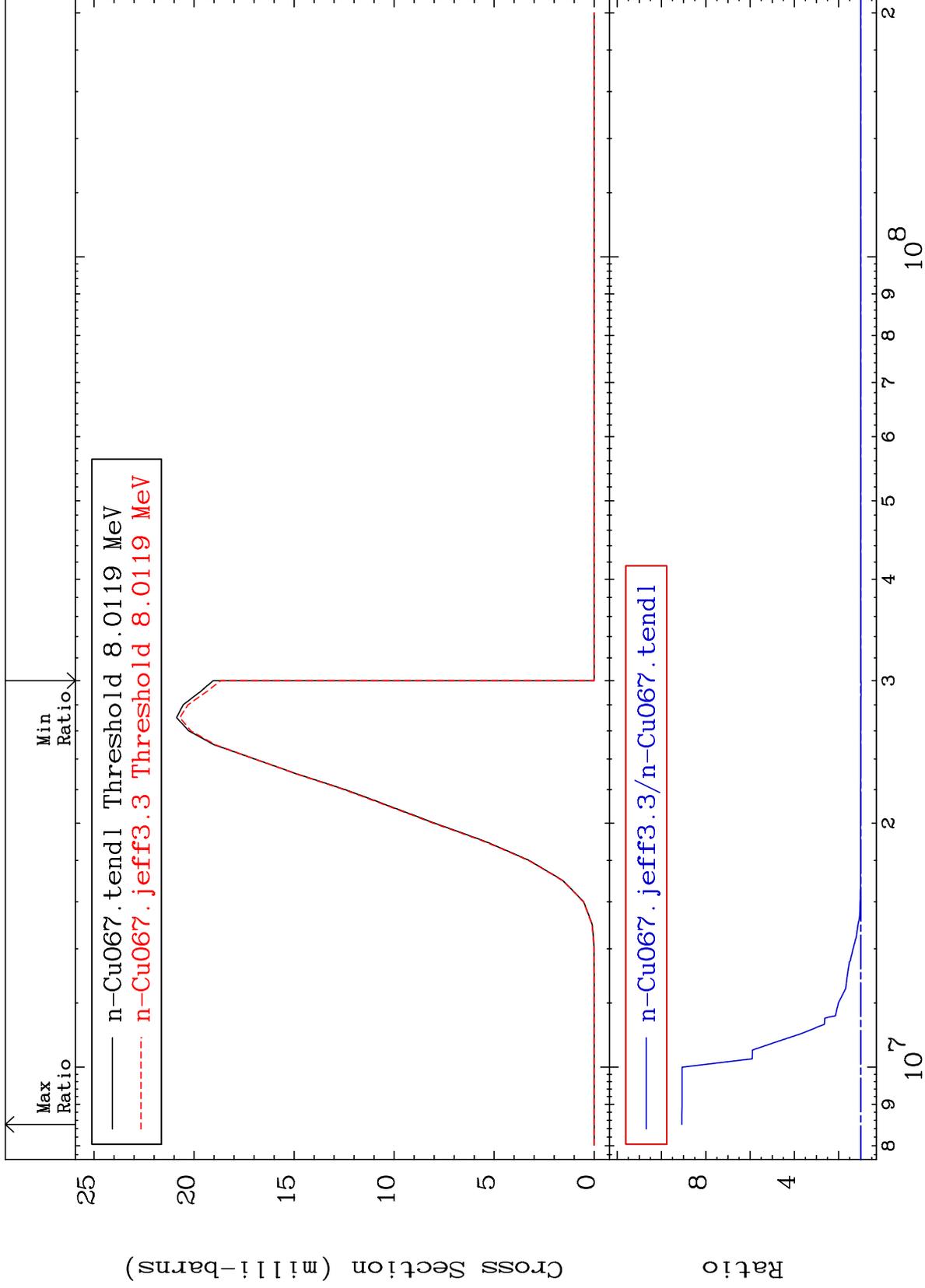
To 2.959 %



MAT 2937

(n,n') α
Cross Section

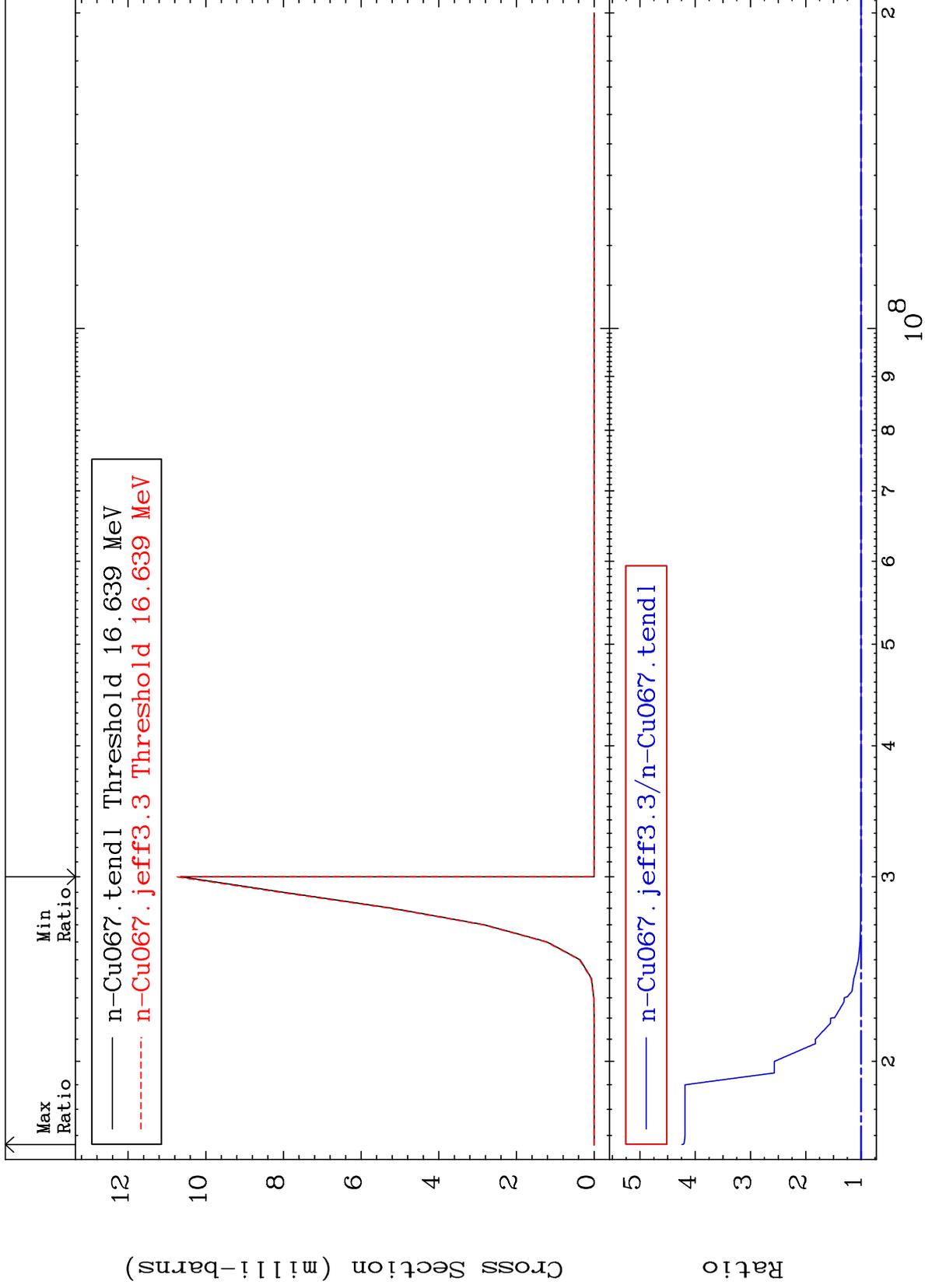
29-Cu-67
-1.972 To 807.8 %



MAT 2937

(n,2n) α
Cross Section

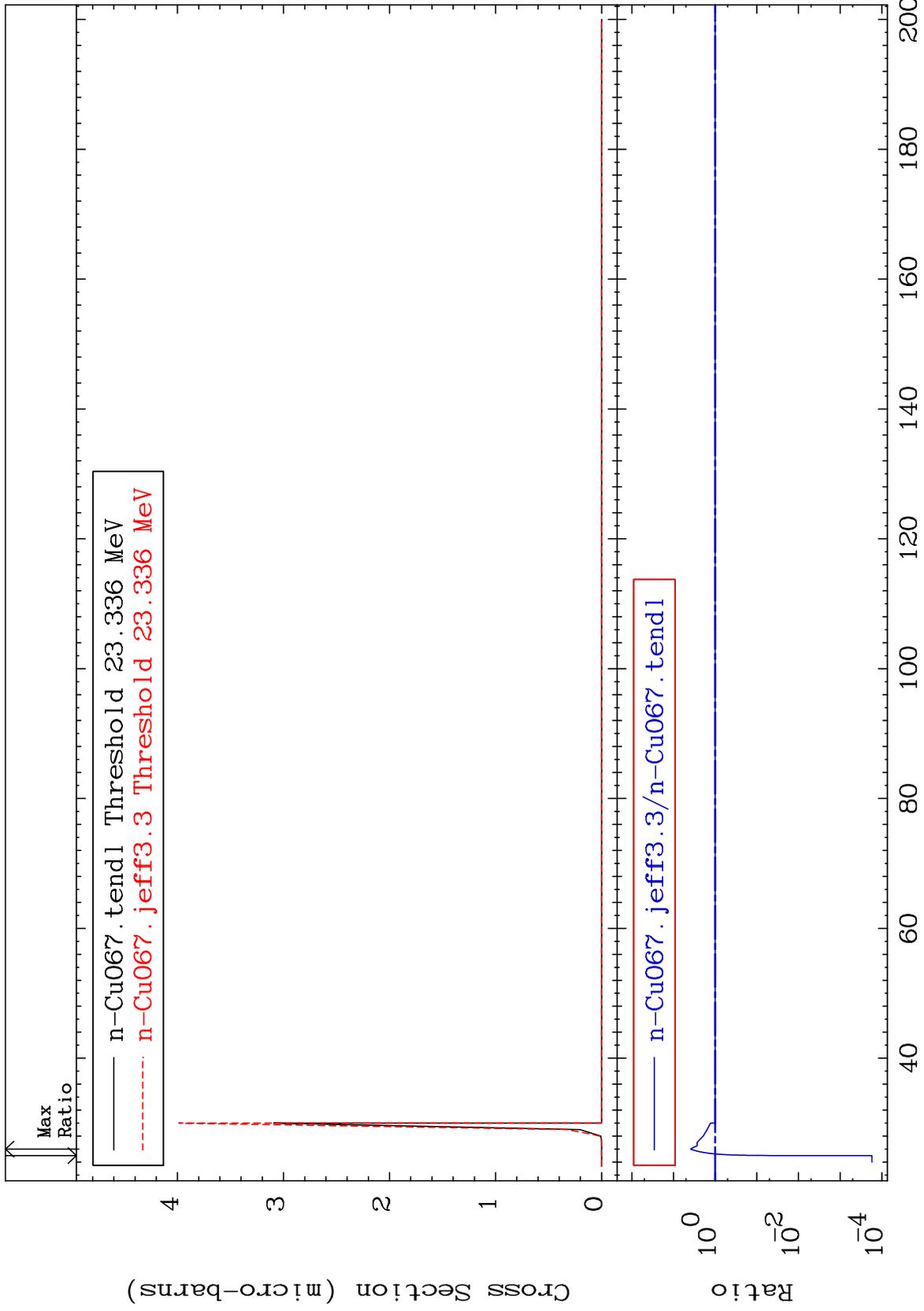
29-Cu-67
0.000 To 324.2 %



MAT 2937

(n,3n) α
Cross Section

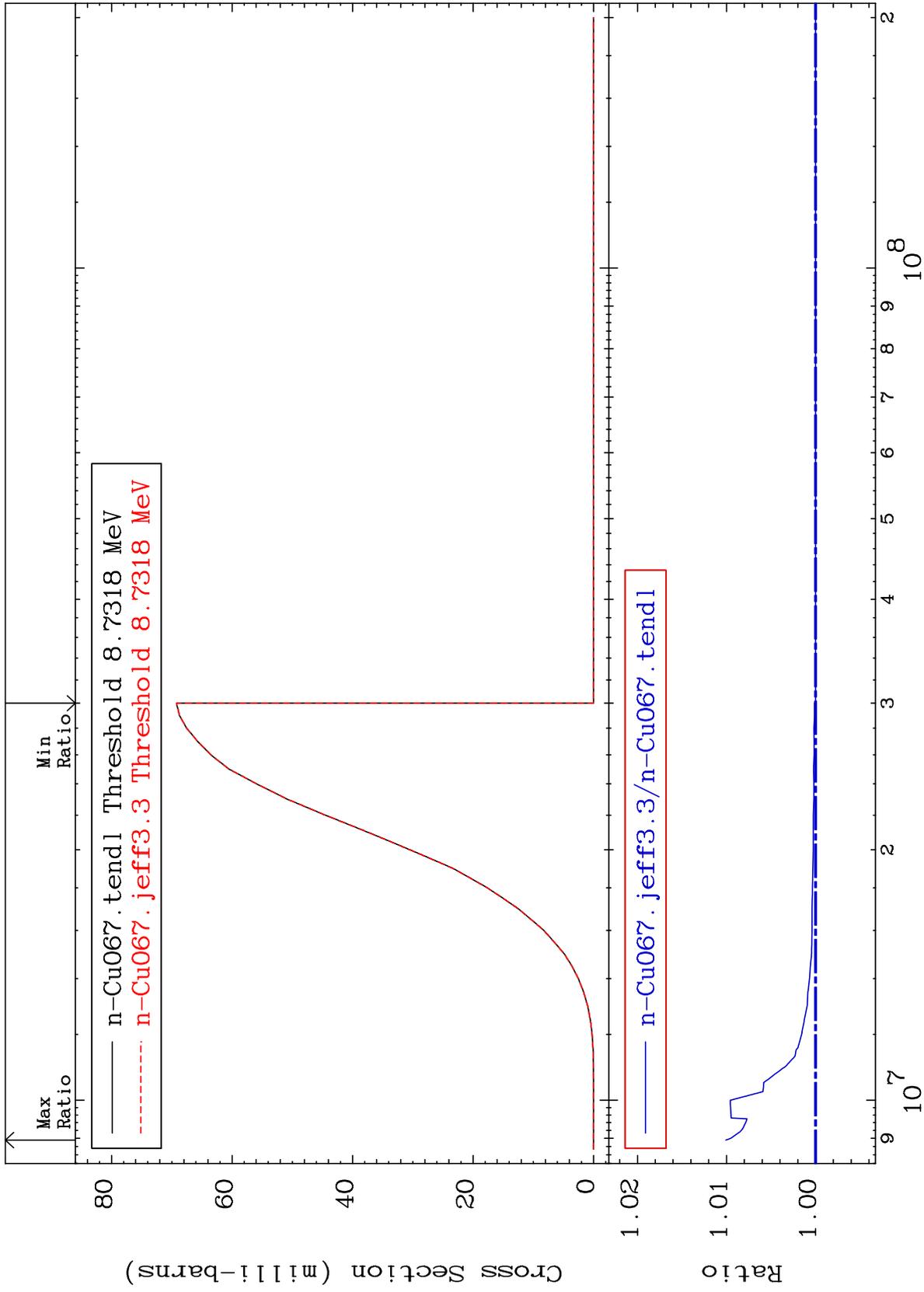
29-Cu-67
-99.98 To 290.9 %



MAT 2937

(n,n') p
Cross Section

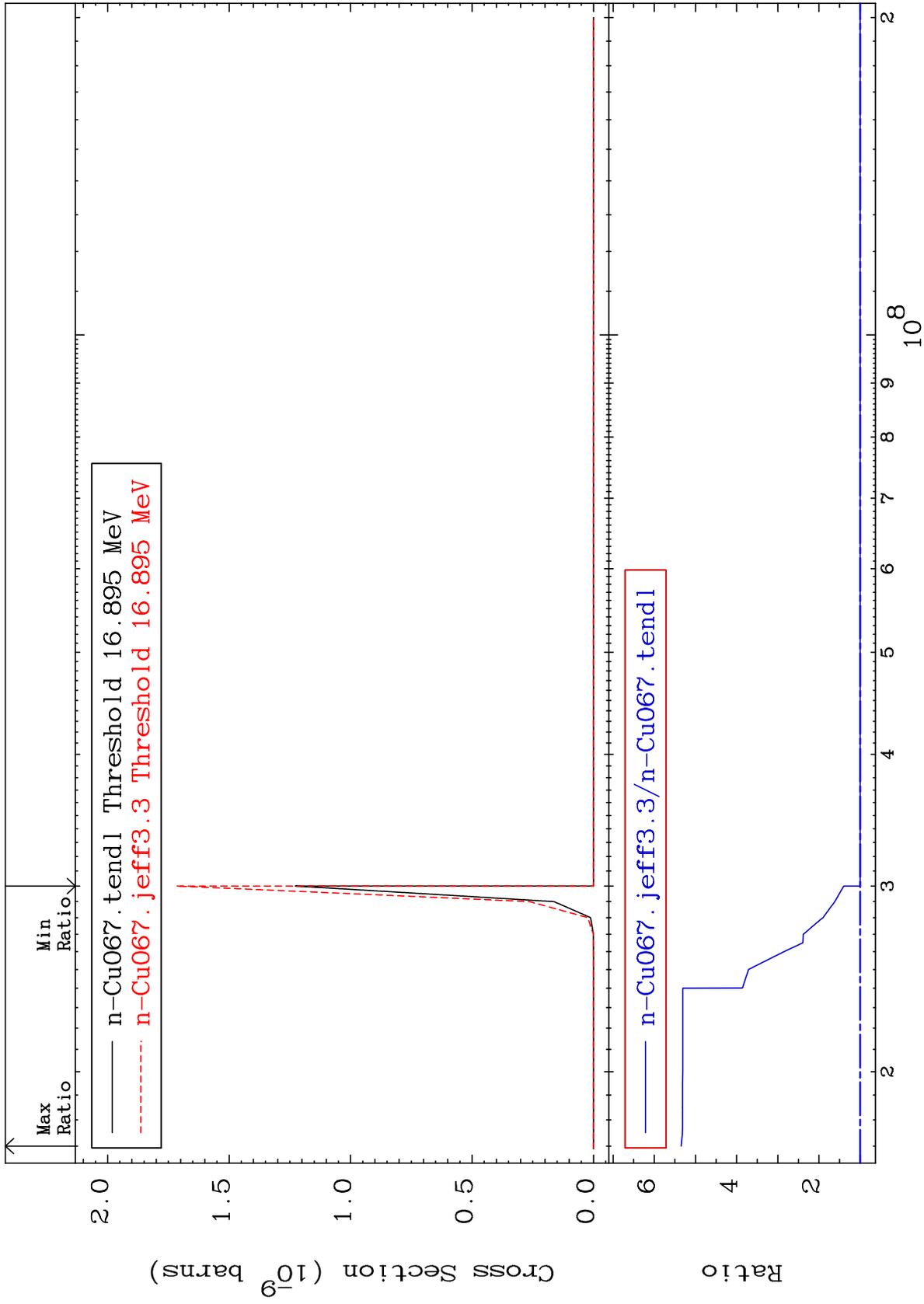
29-Cu-67
0.000 To 1.008 %



MAT 2937

(n, n') 2α
Cross Section

29-Cu-67
0.000 To 434.7 %



MAT 2937

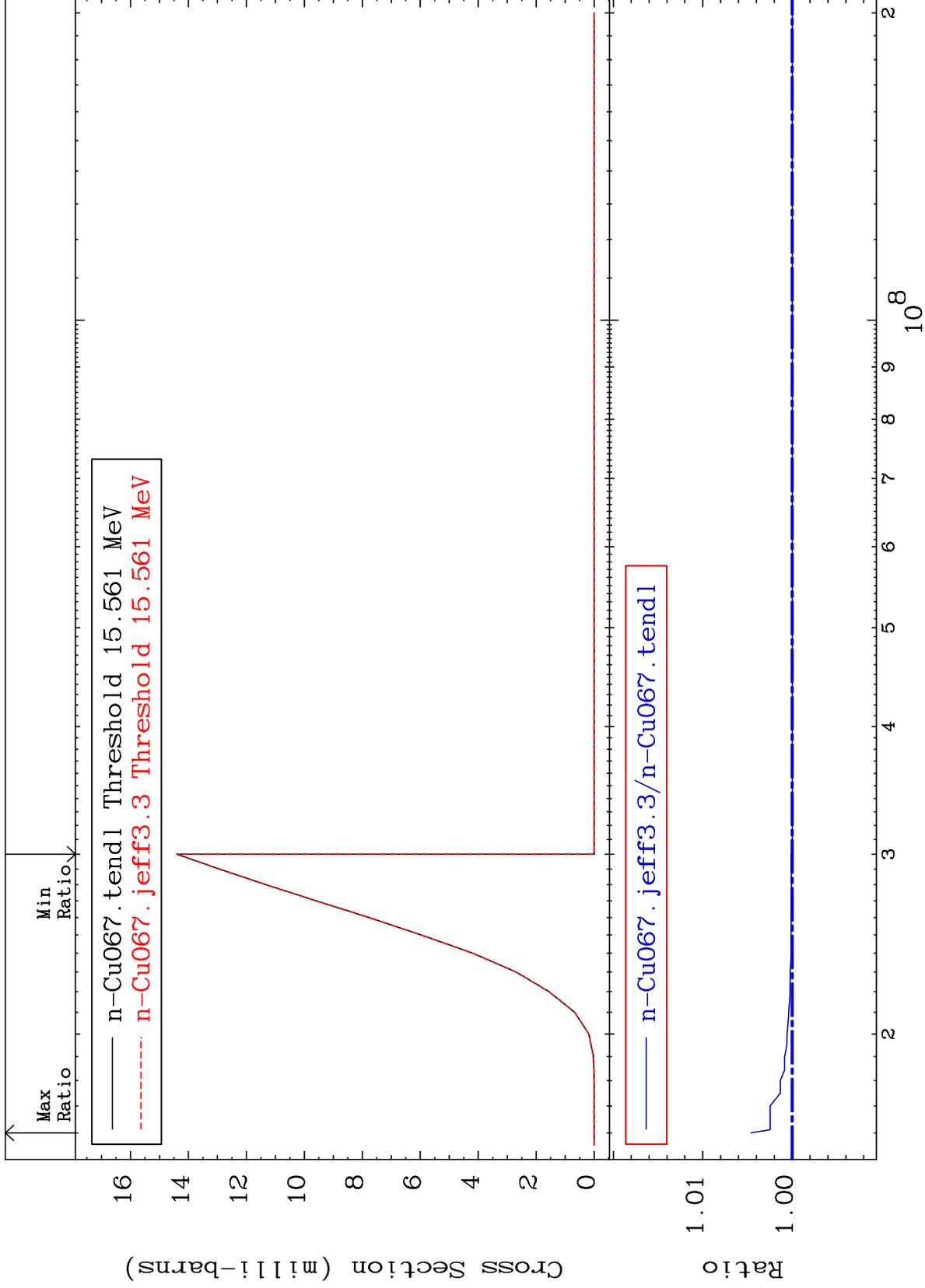
(n,n') d

29-Cu-67

Cross Section

0.000

To 0.462 %



12

Incident Energy (eV)

29-Cu-67

MAT 2937

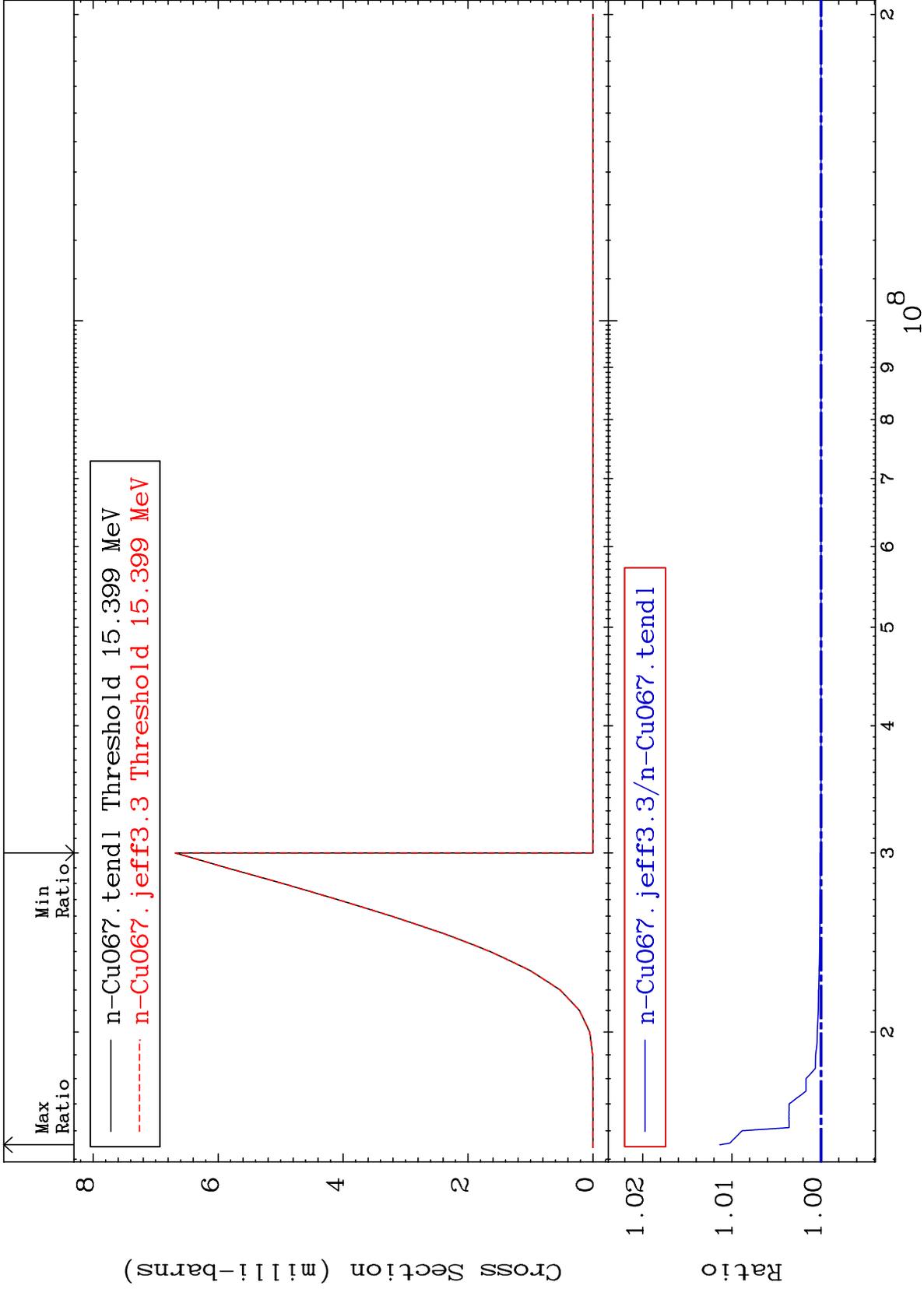
(n,n') t

29-Cu-67

Cross Section

0.000

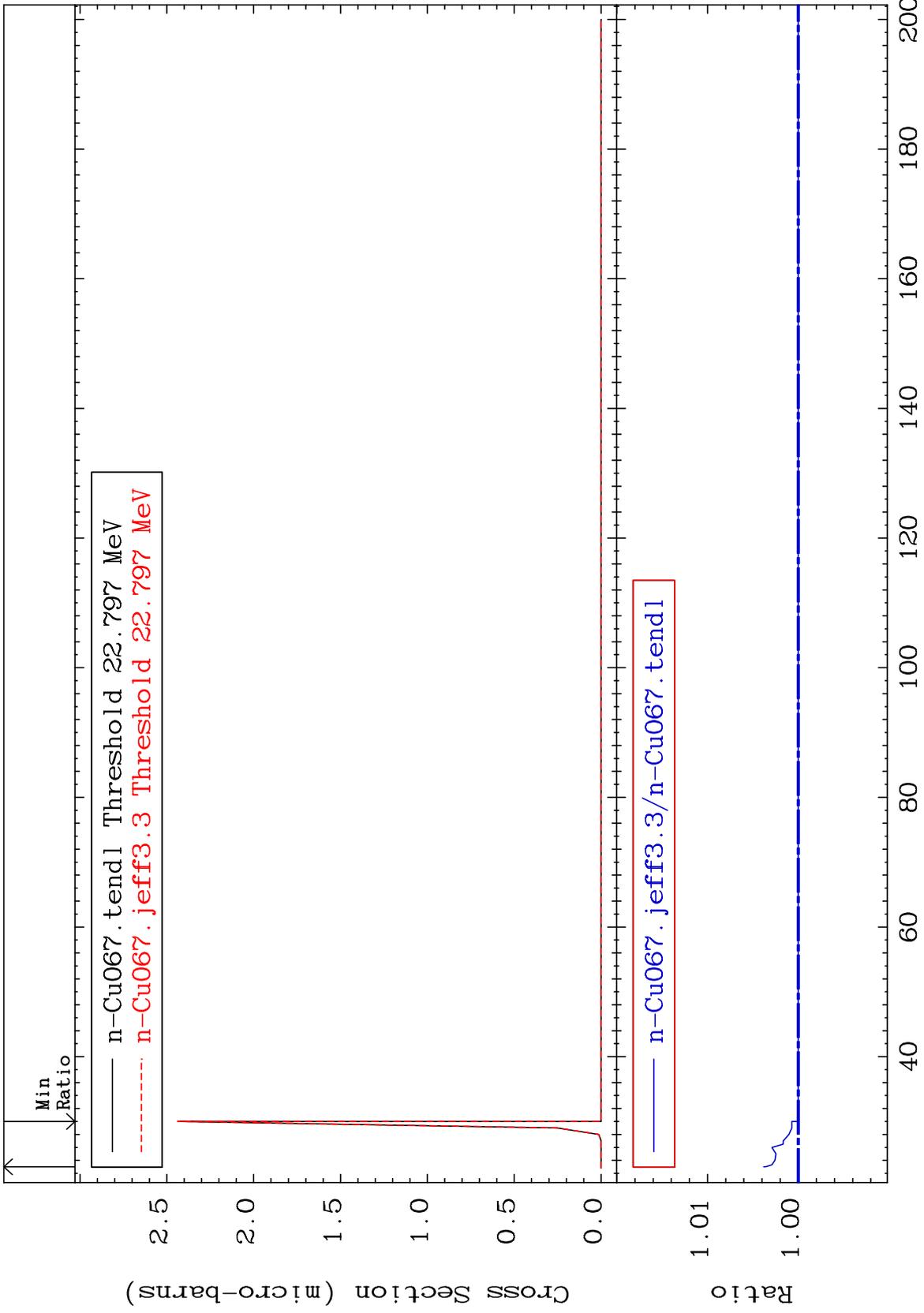
To 1.134 %



MAT 2937

(n, n') He-3
Cross Section

29-Cu-67
0.000 To 0.382 %



MAT 2937

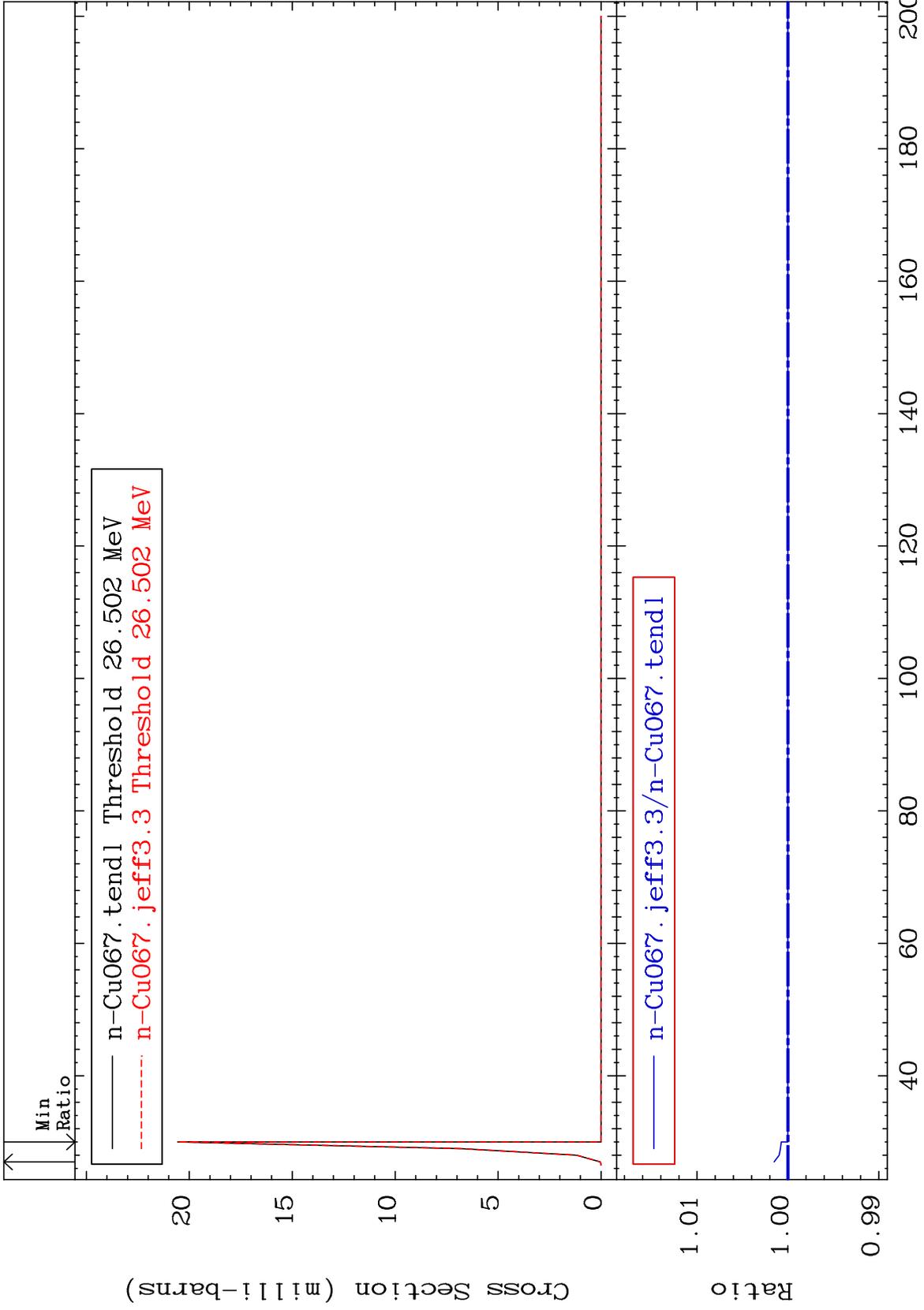
(n,4n)

²⁹Cu-67

Cross Section

0.000

To 0.153 %



15

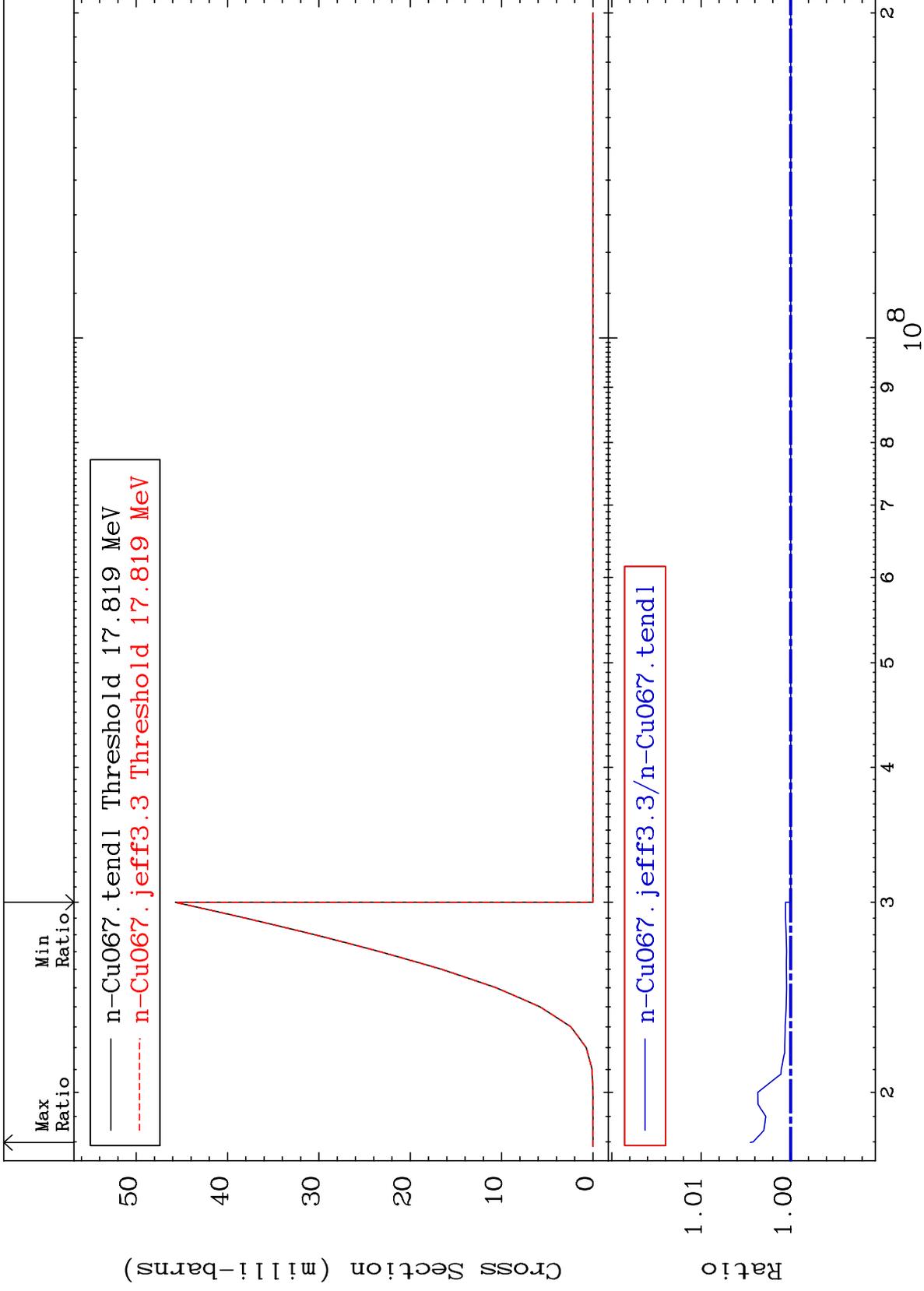
Incident Energy (MeV)

²⁹Cu-67

MAT 2937

(n,2n) p
Cross Section

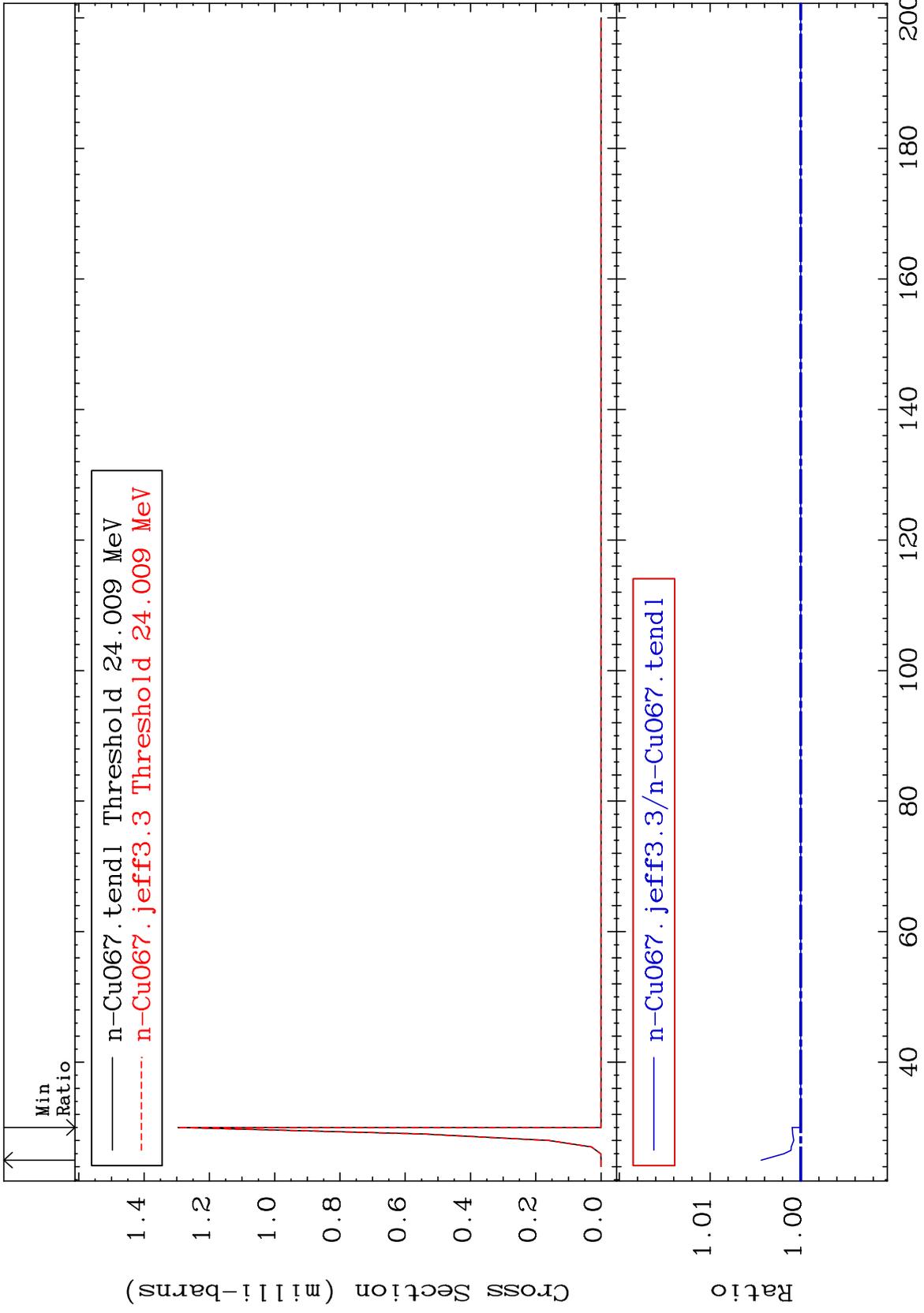
29-Cu-67
0.000 To 0.453 %



MAT 2937

(n,3n) p
Cross Section

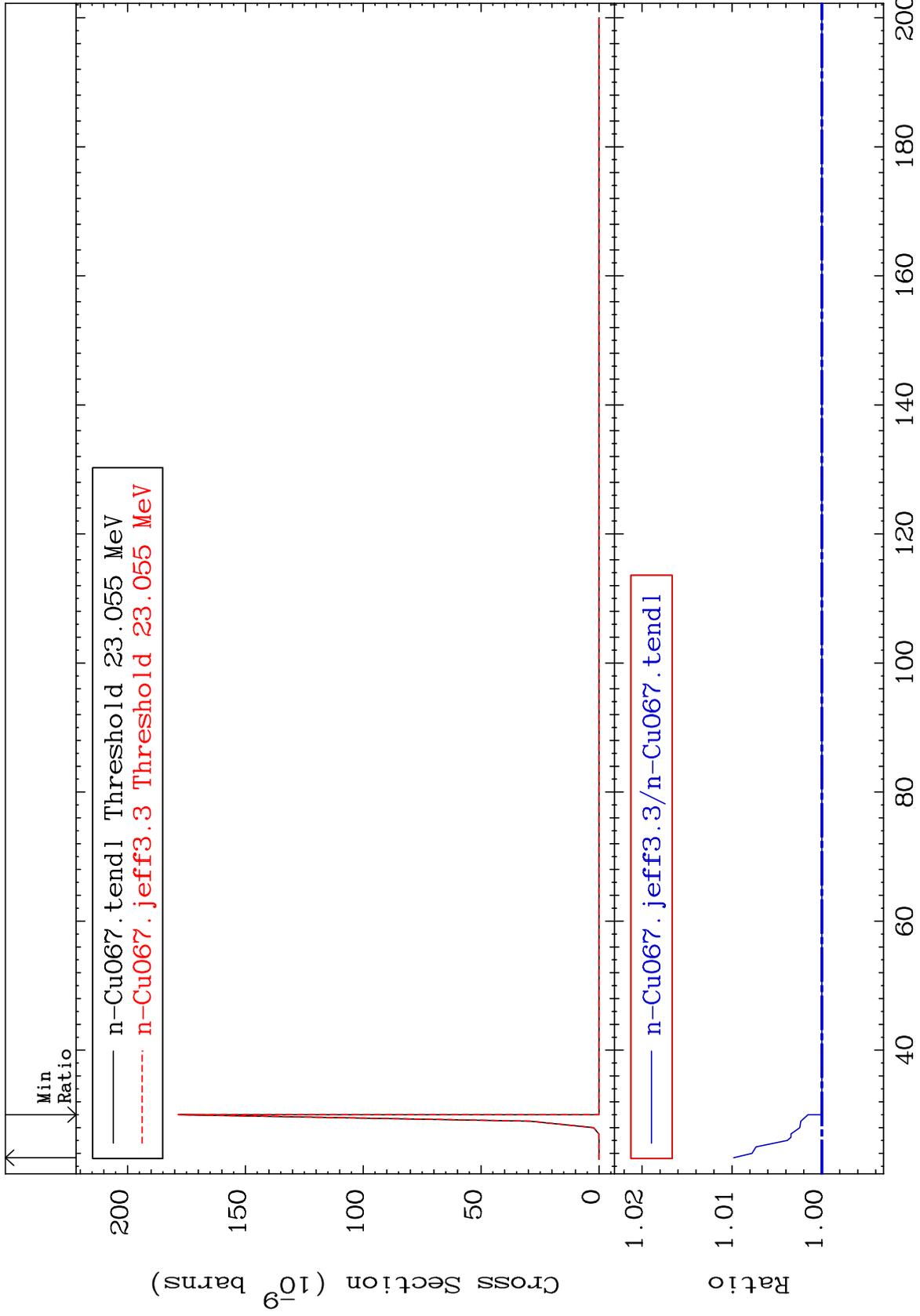
29-Cu-67
0.000 To 0.436 %



MAT 2937

(n,2n) p
Cross Section

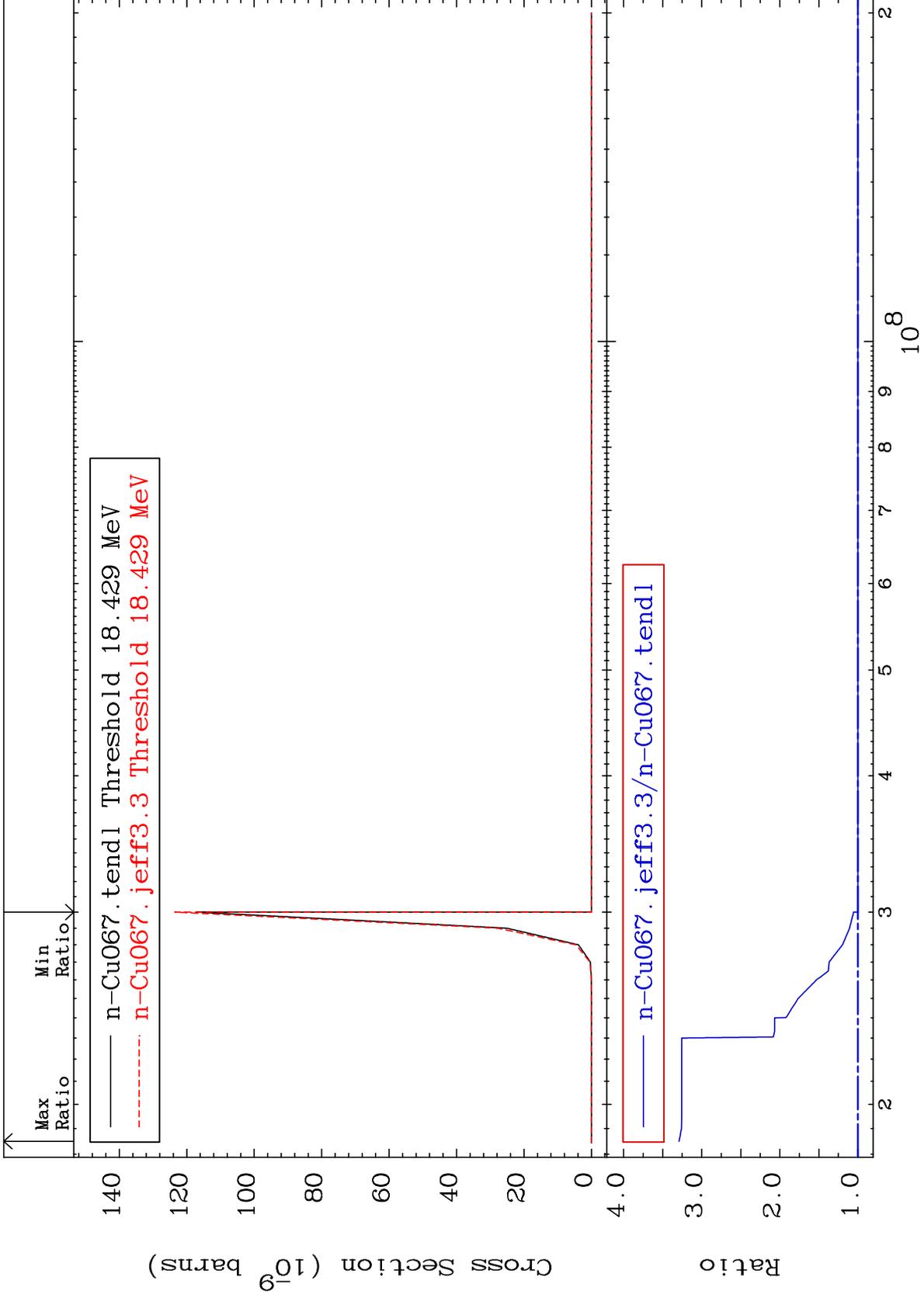
29-Cu-67
0.000 To 0.979 %



MAT 2937

(n,n') p α
Cross Section

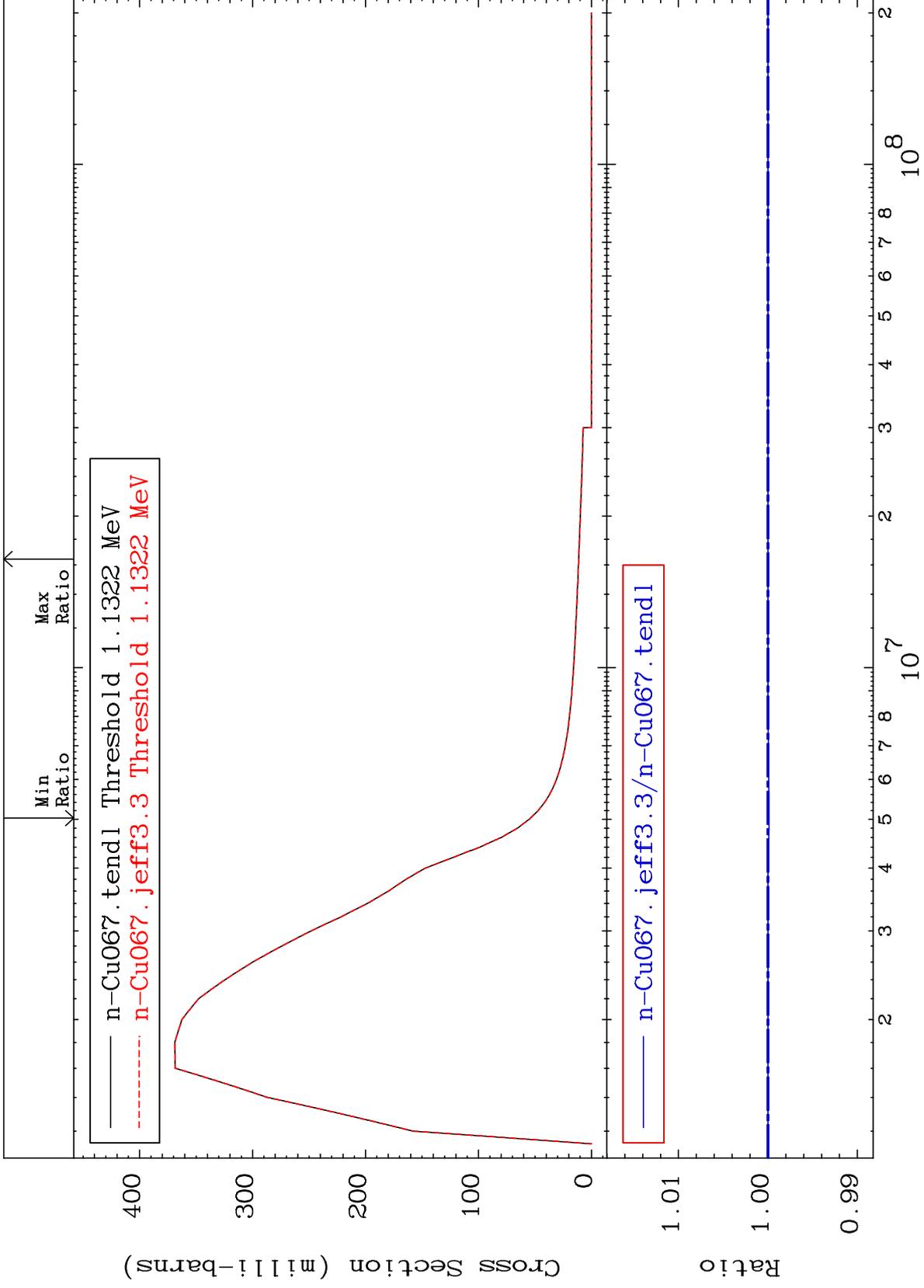
29-Cu-67
0.000 To 229.0 %



MAT 2937

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

29-Cu-67
-0.013 To 0.000 %



20

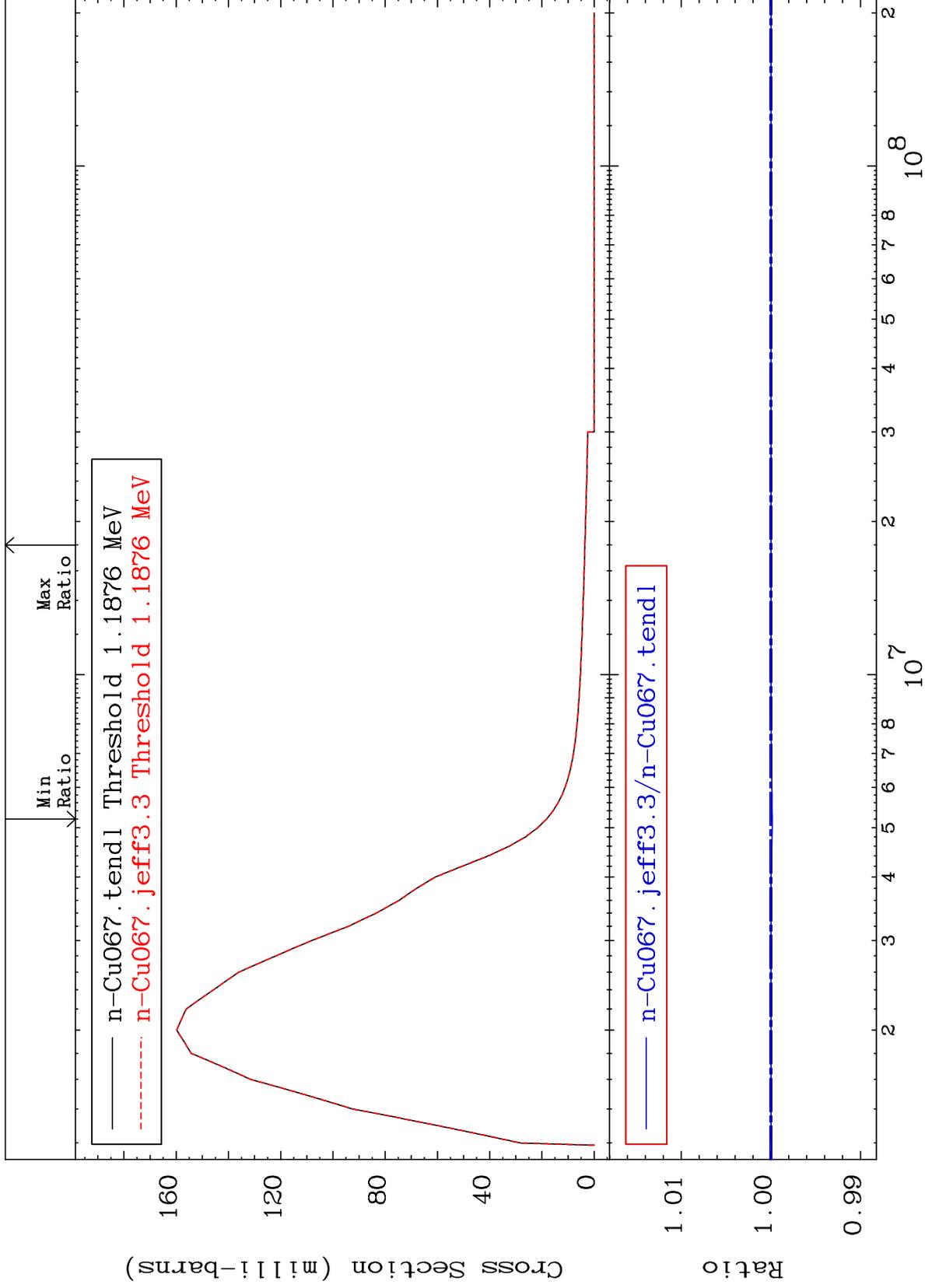
Incident Energy (eV)

29-Cu-67

MAT 2937

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

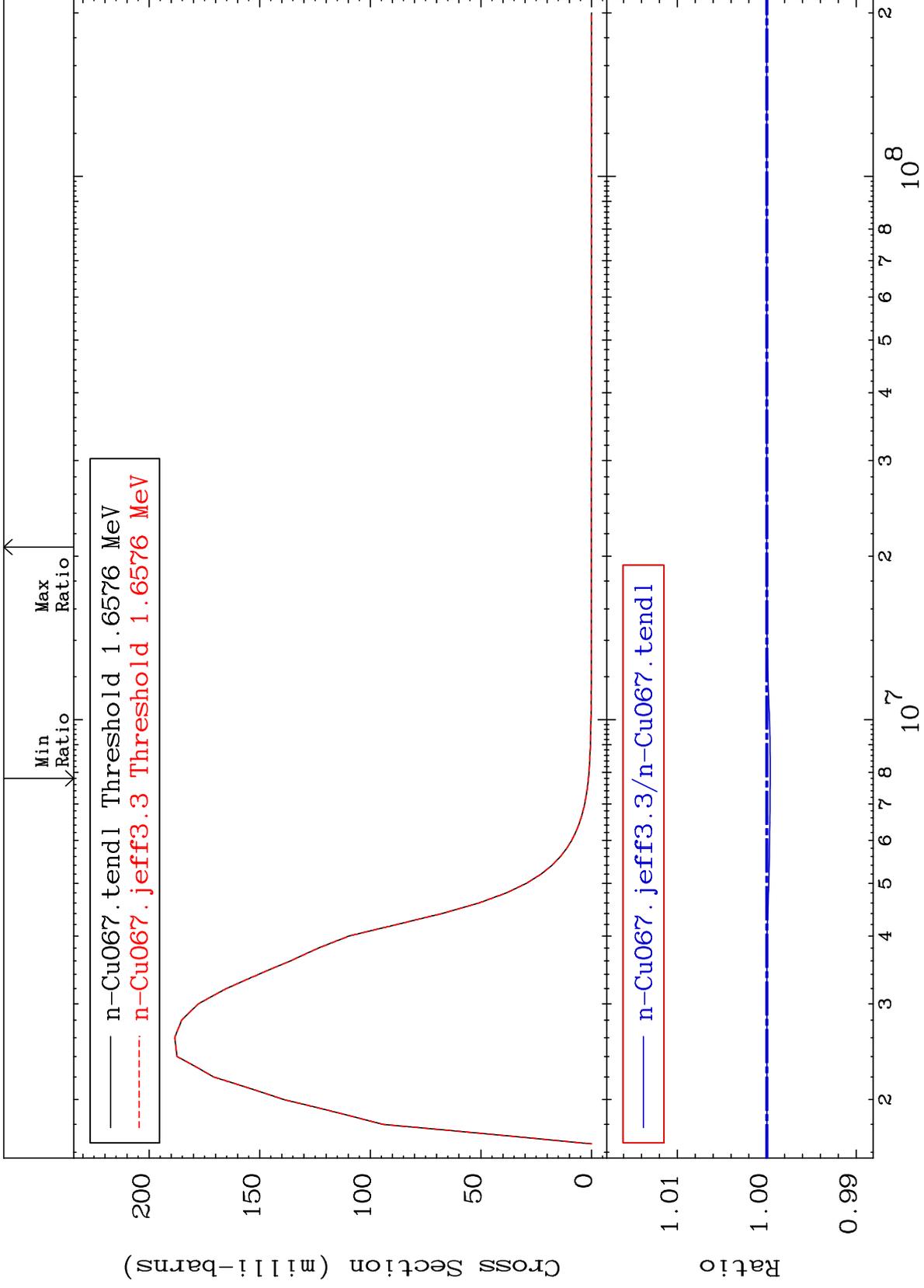
29-Cu-67
-0.014 To 0.000 %



MAT 2937

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

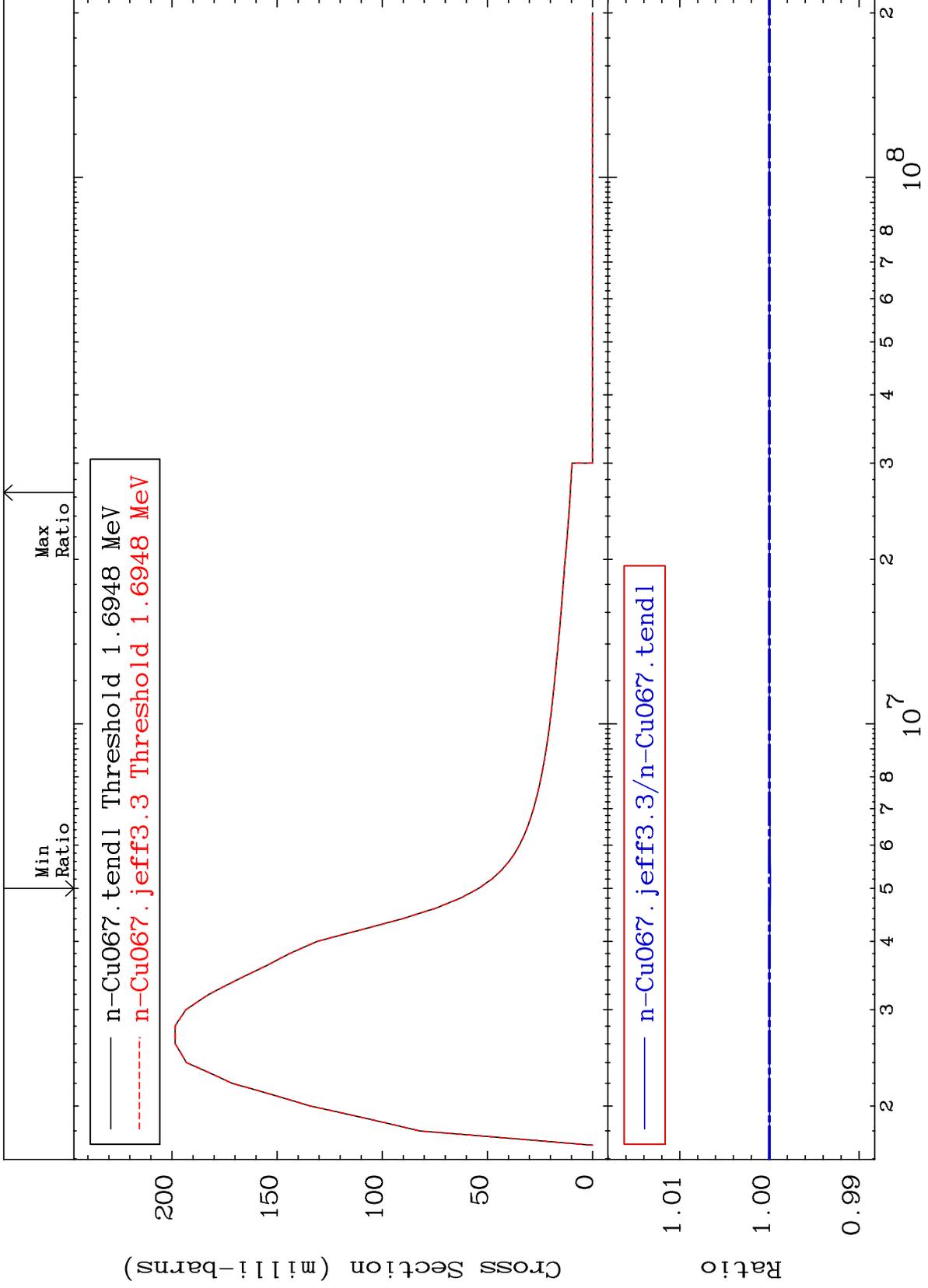
29-Cu-67
-0.038 To 0.000 %



MAT 2937

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

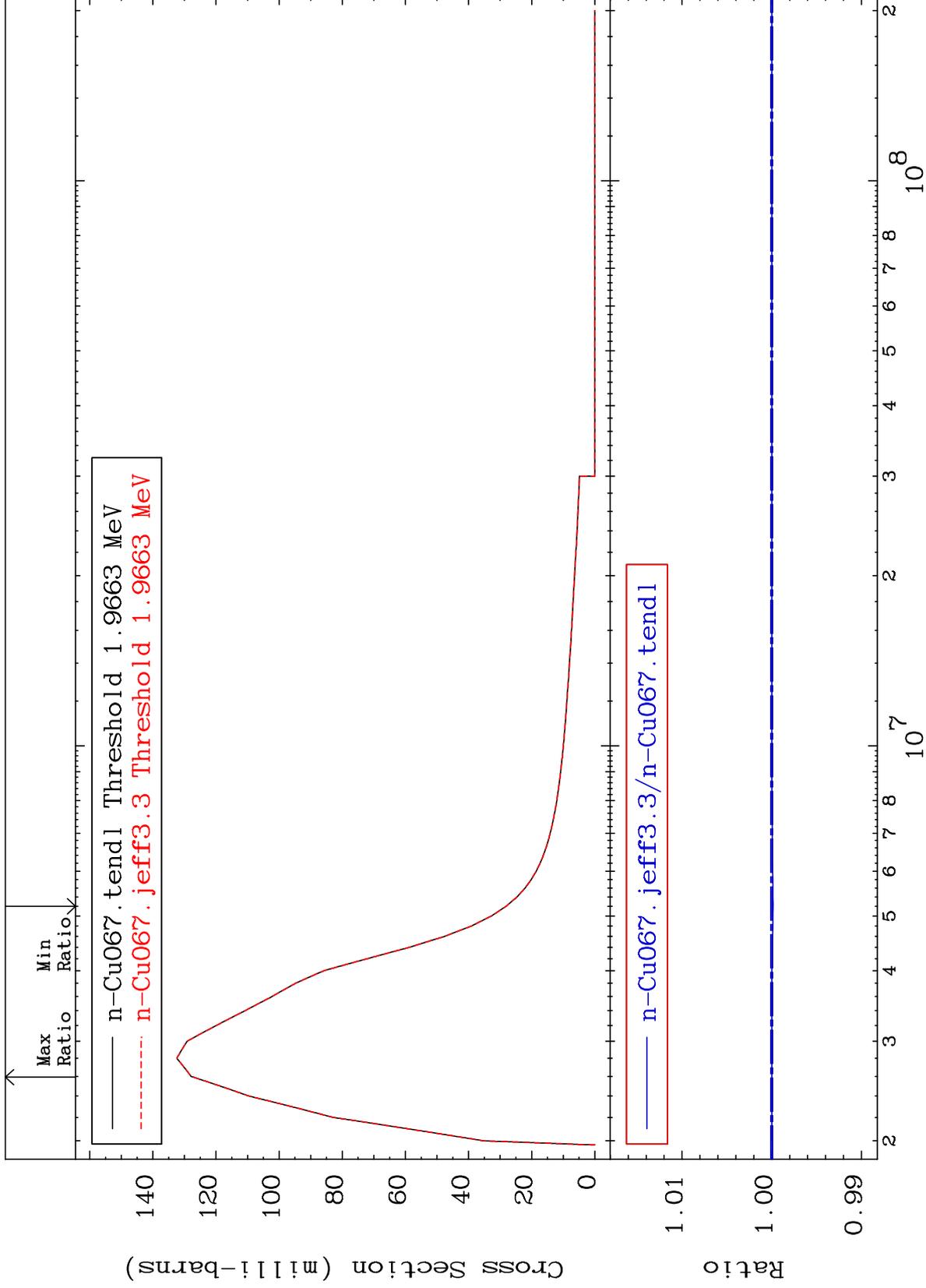
29-Cu-67
-0.012 To 0.000 %



MAT 2937

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

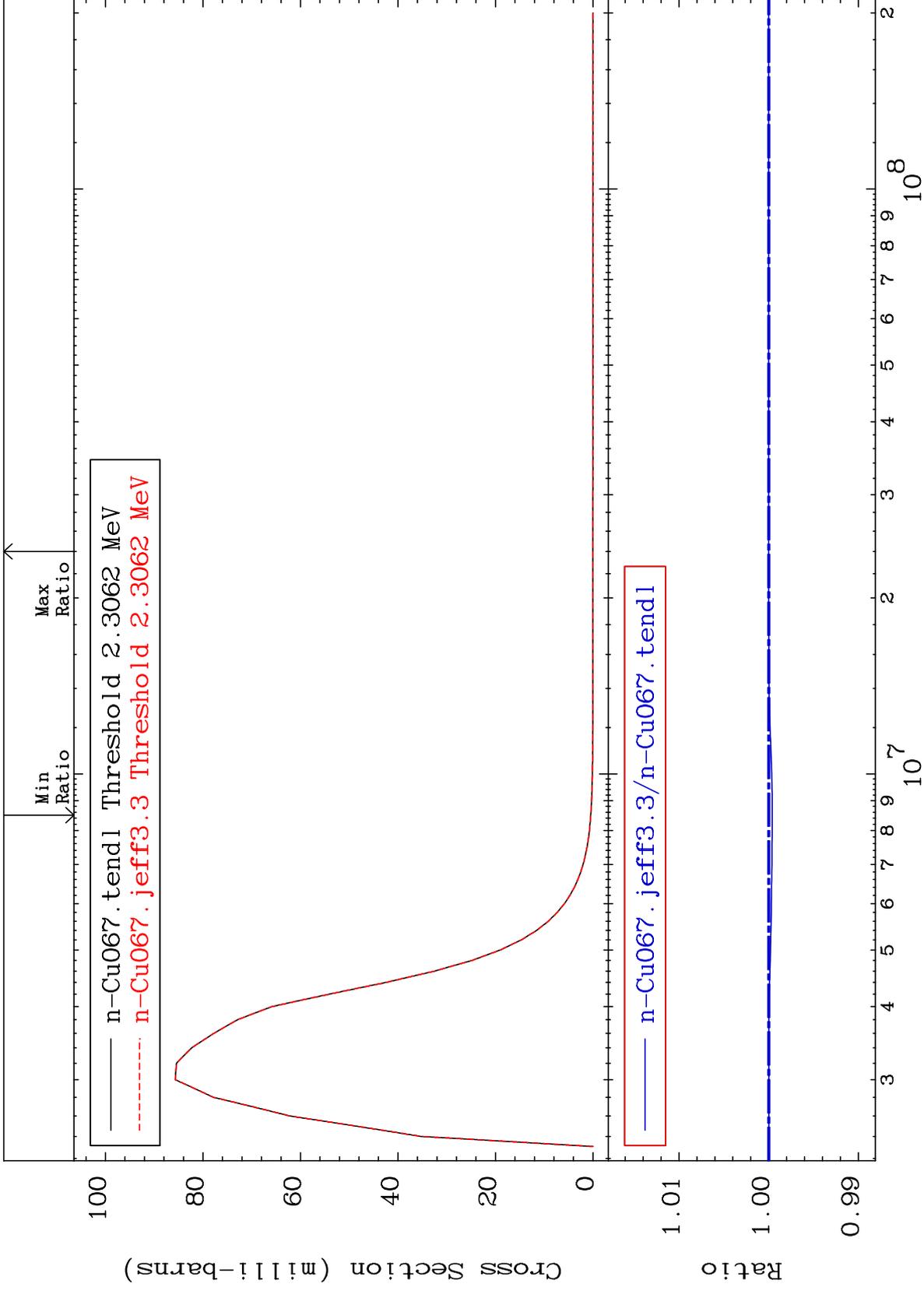
29-Cu-67
-0.014 To 0.000 %



MAT 2937

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

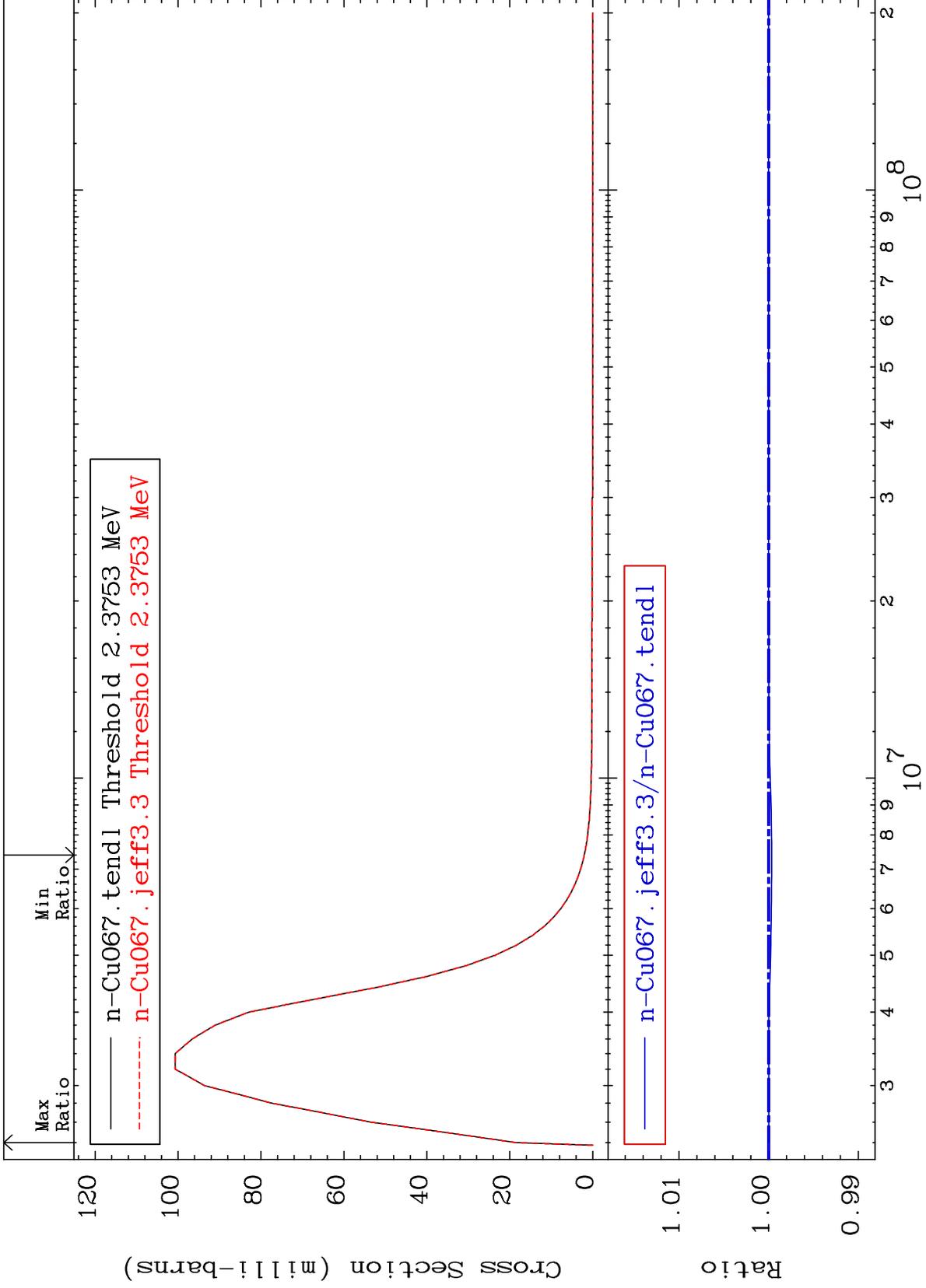
29-Cu-67
-0.039 To 0.000 %



MAT 2937

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

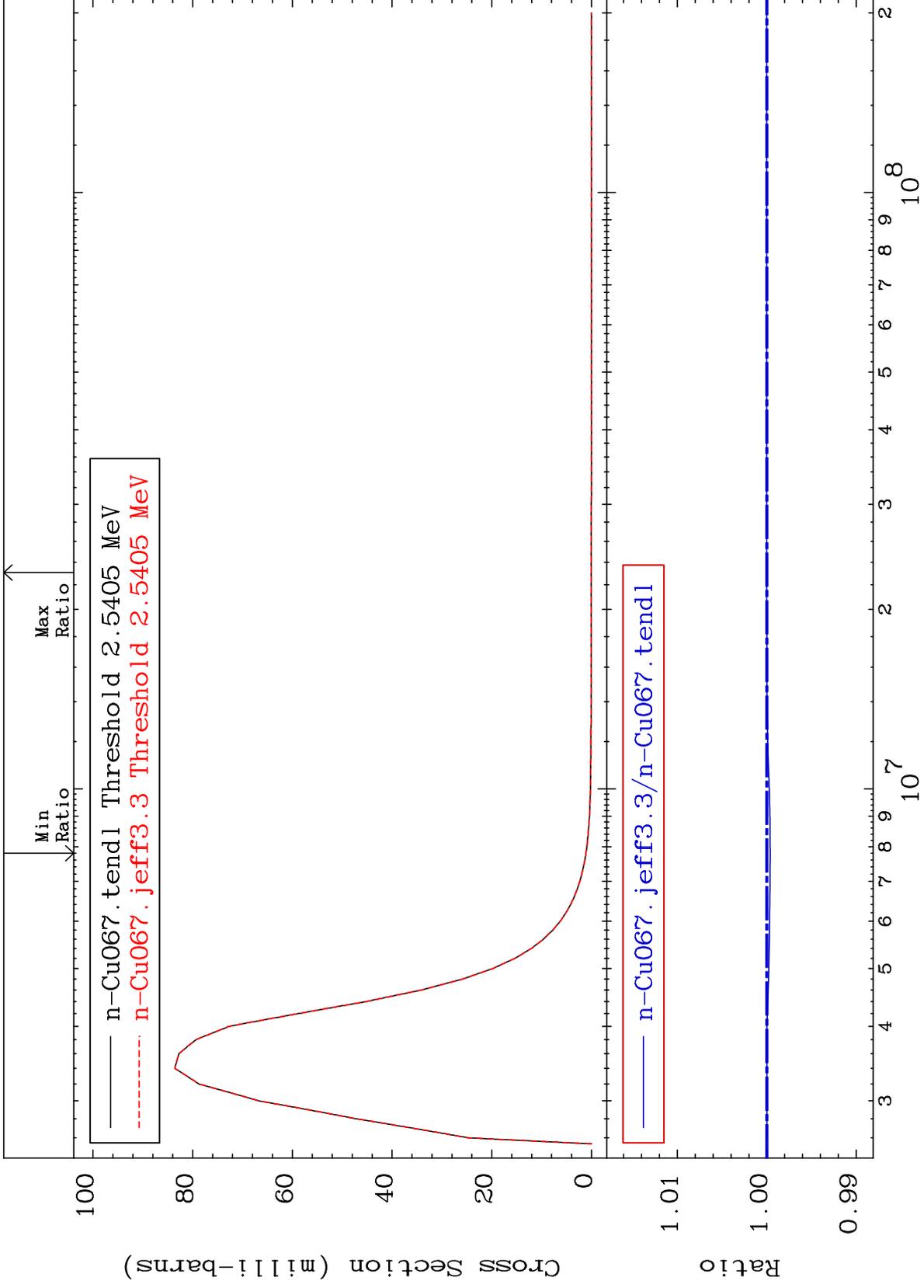
29-Cu-67
-0.034 To 0.000 %



MAT 2937

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

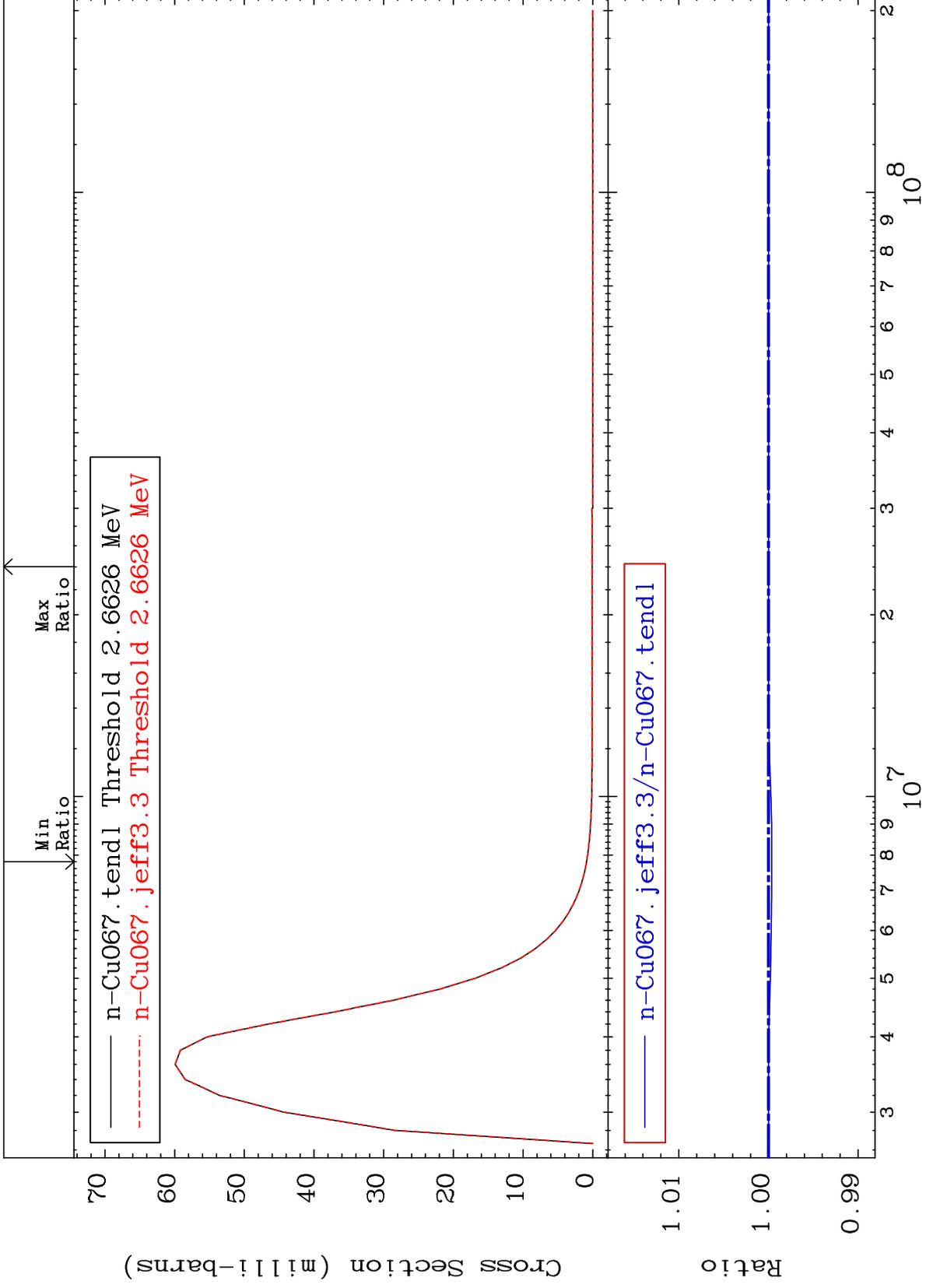
29-Cu-67
-0.038 To 0.000 %



MAT 2937

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

29-Cu-67
-0.037 To 0.000 %



28

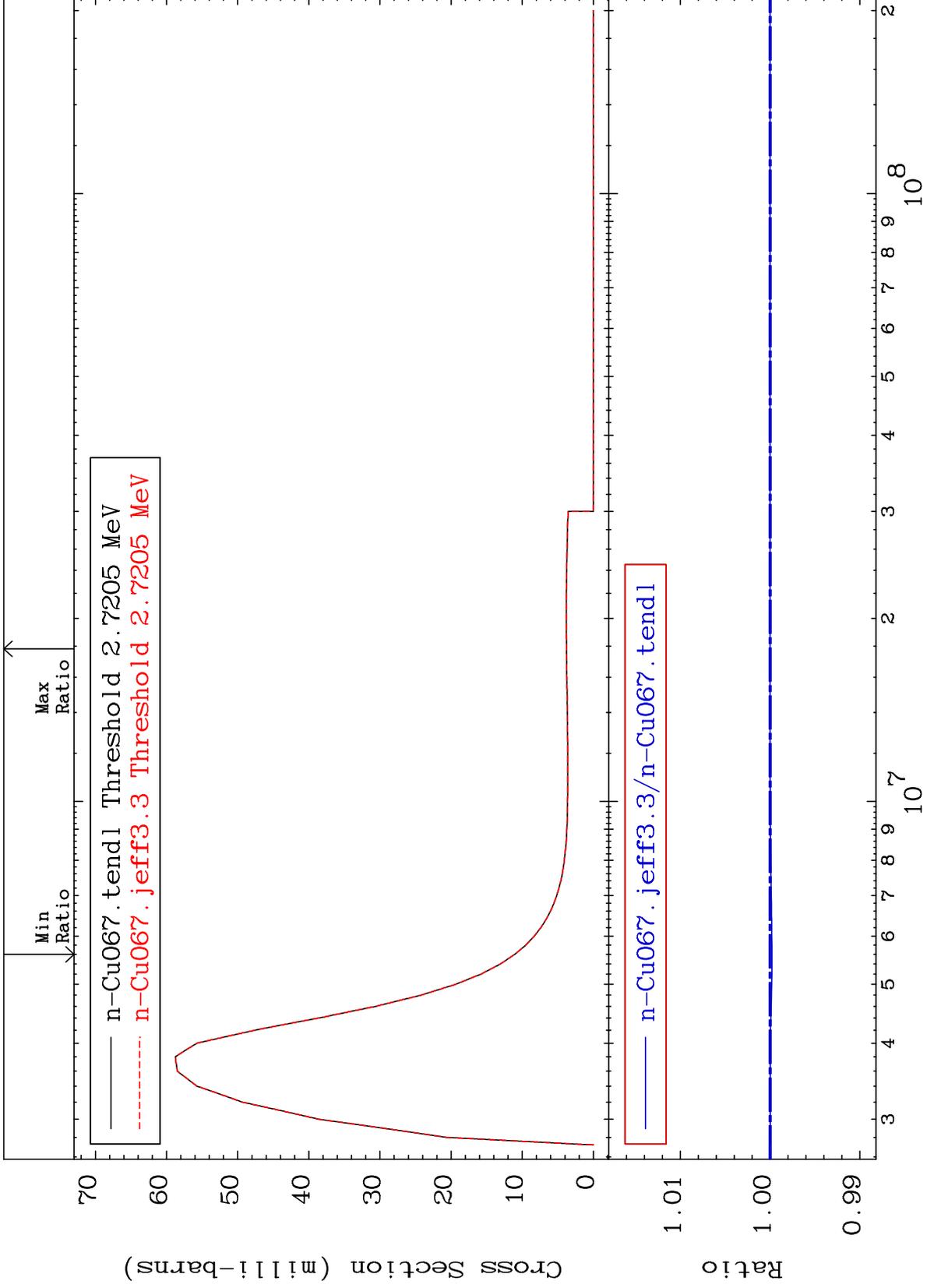
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.020 To 0.000 %



29

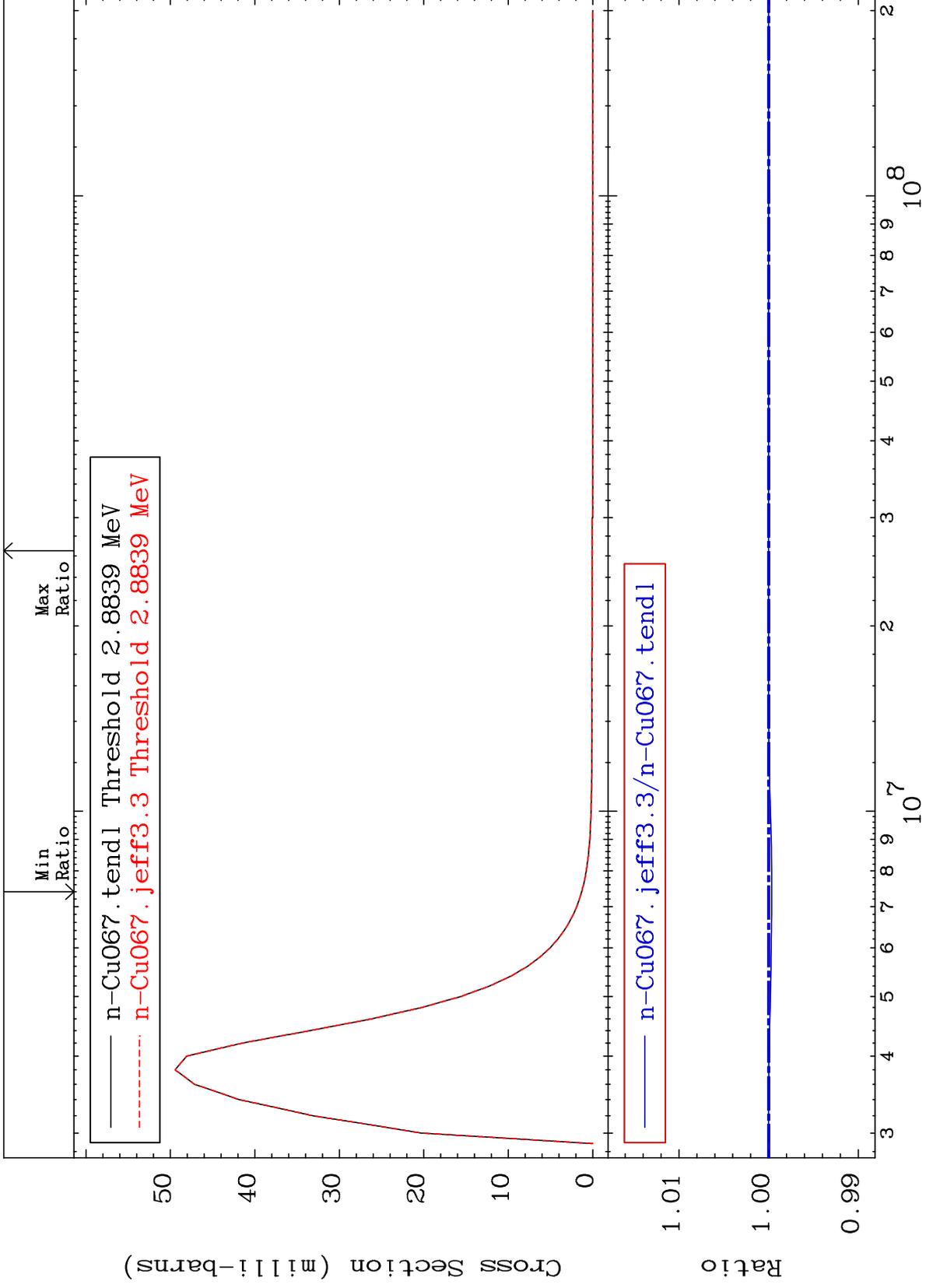
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.034 To 0.000 %



30

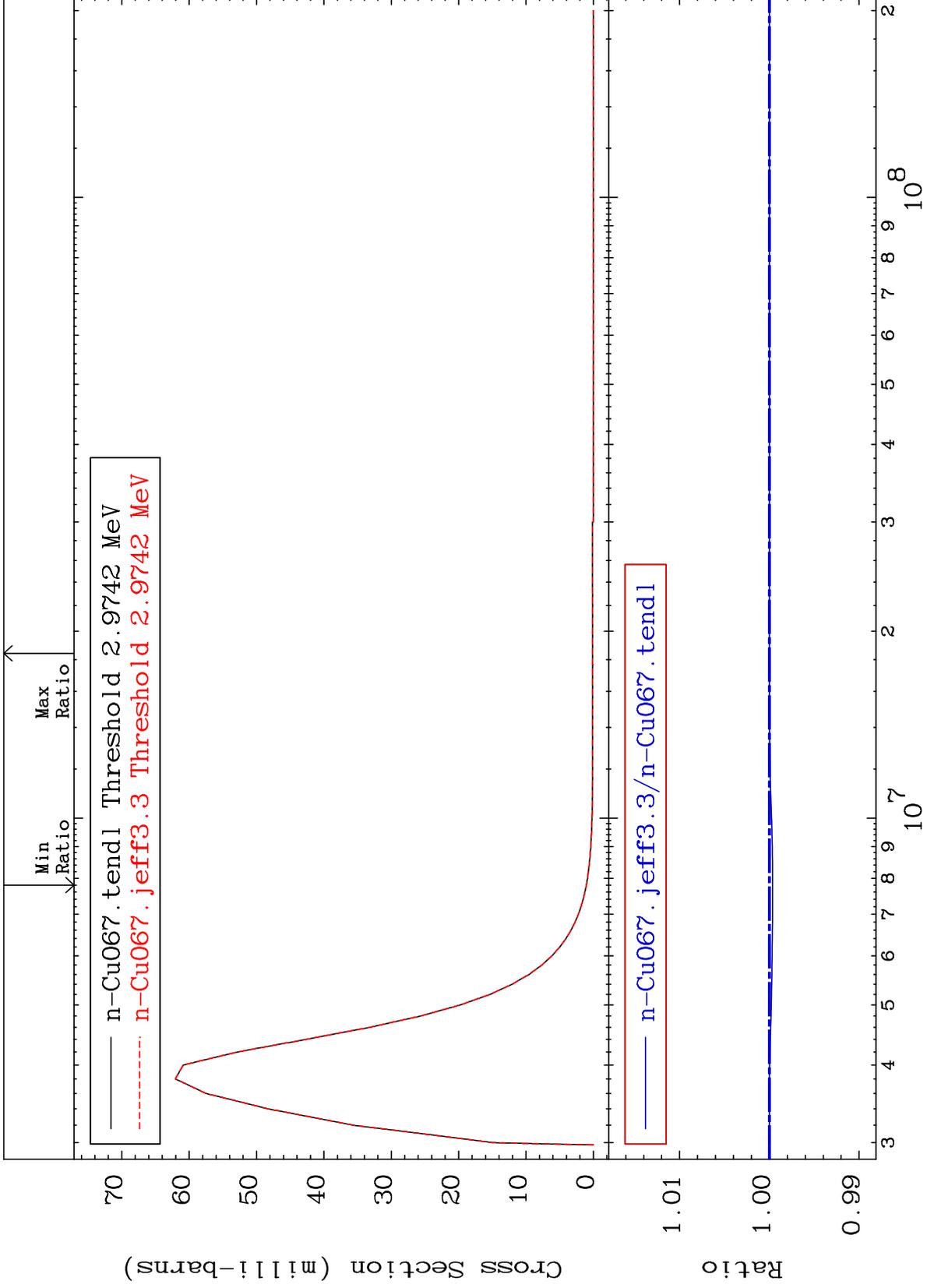
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.036 To 0.000 %



31

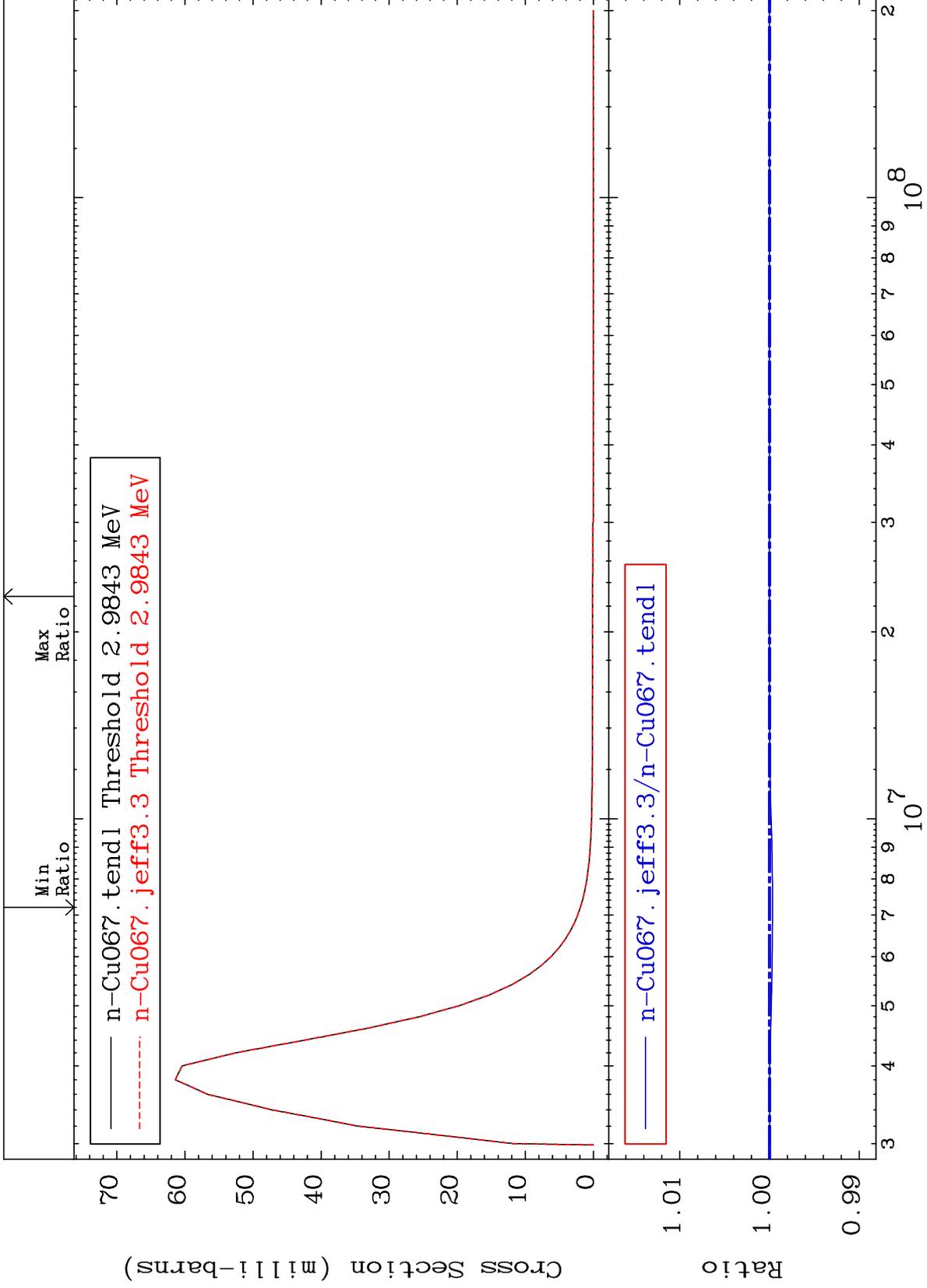
Incident Energy (eV)

29-Cu-67

MAT 2937

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

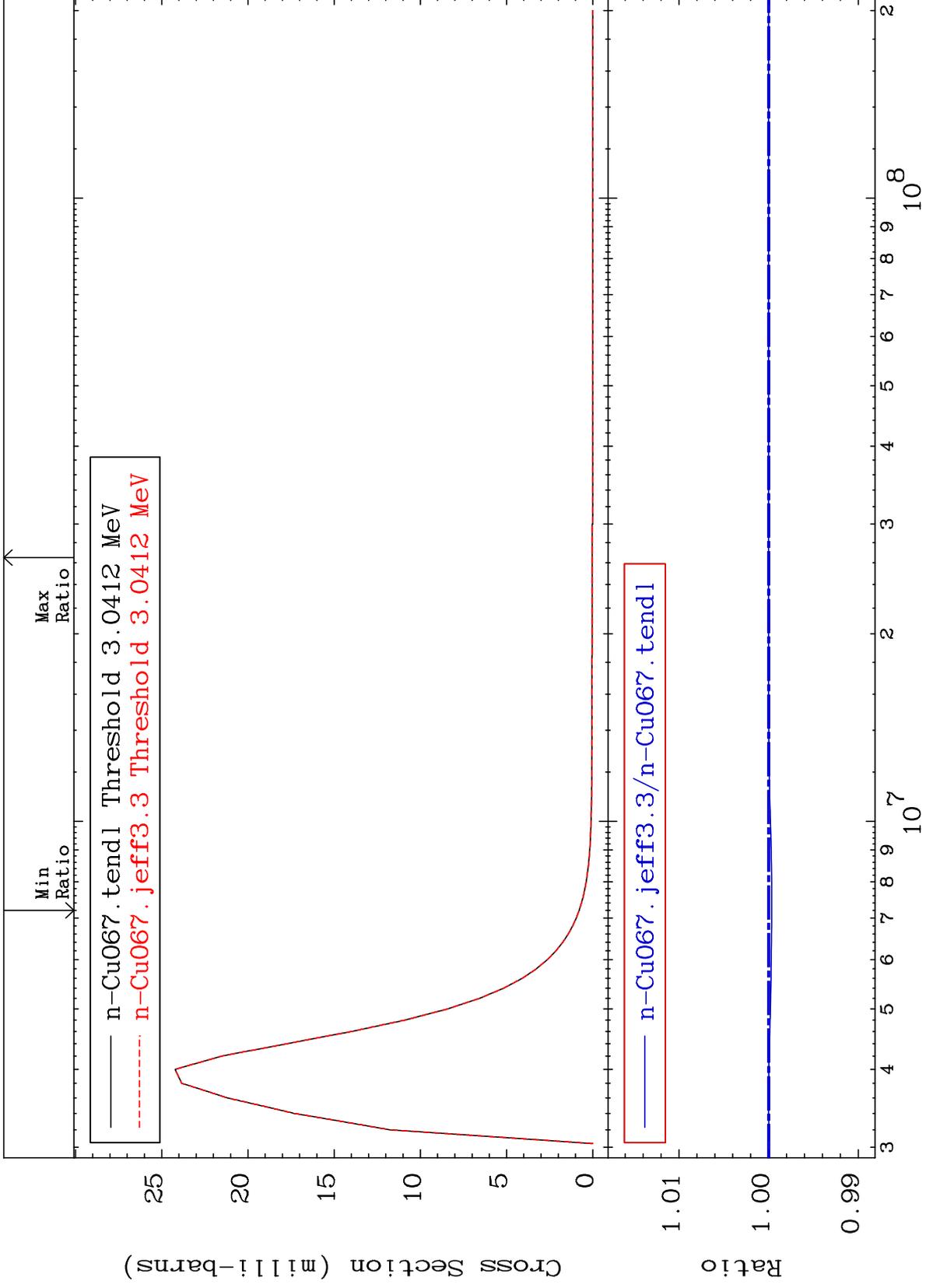
29-Cu-67
-0.034 To 0.000 %



MAT 2937

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

29-Cu-67
-0.034 To 0.000 %



33

Incident Energy (eV)

29-Cu-67

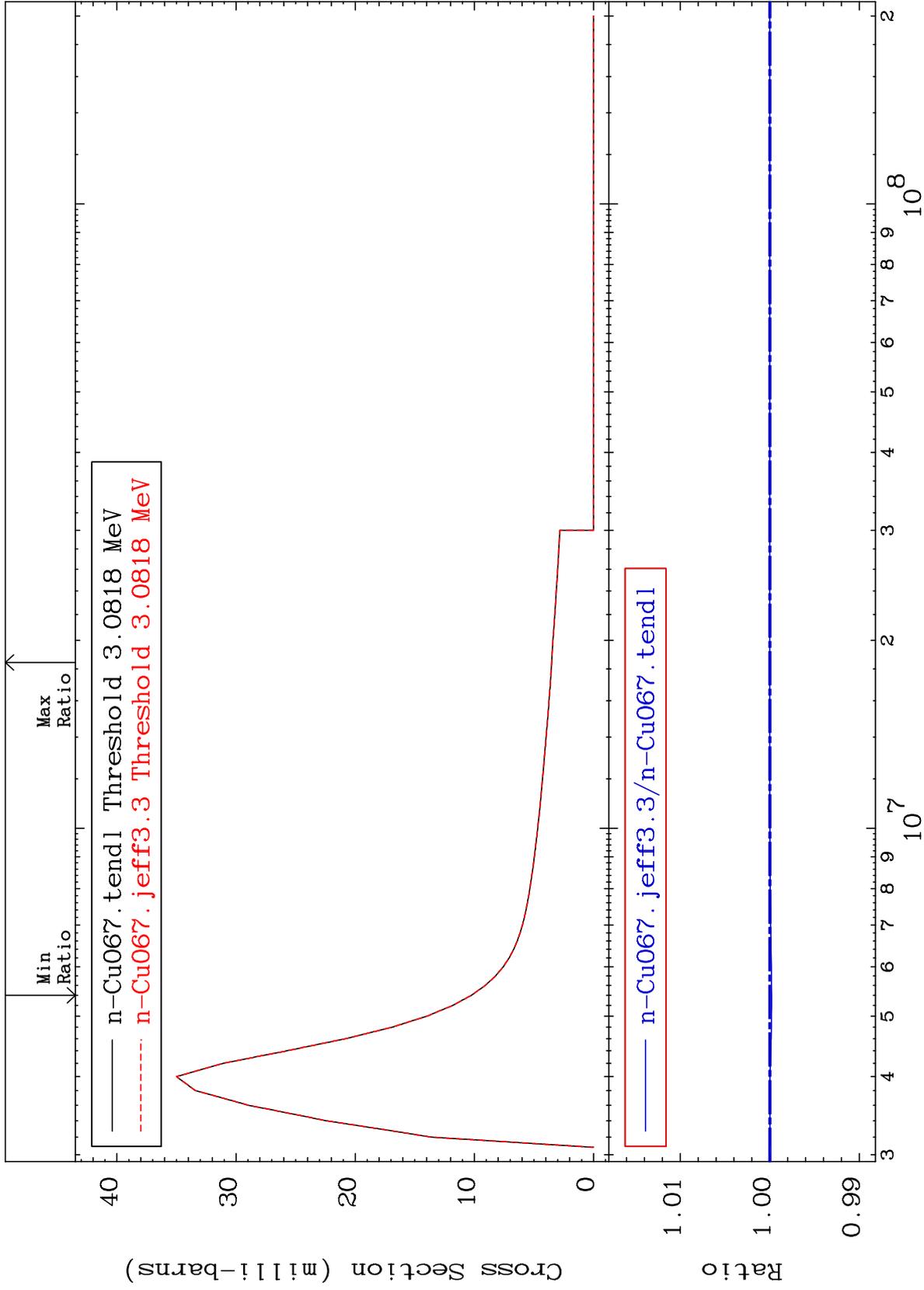
MAT 2937

MT= 65 (n,n') Level

29-Cu-67

-0.020 To 0.000 %

Cross Section



34

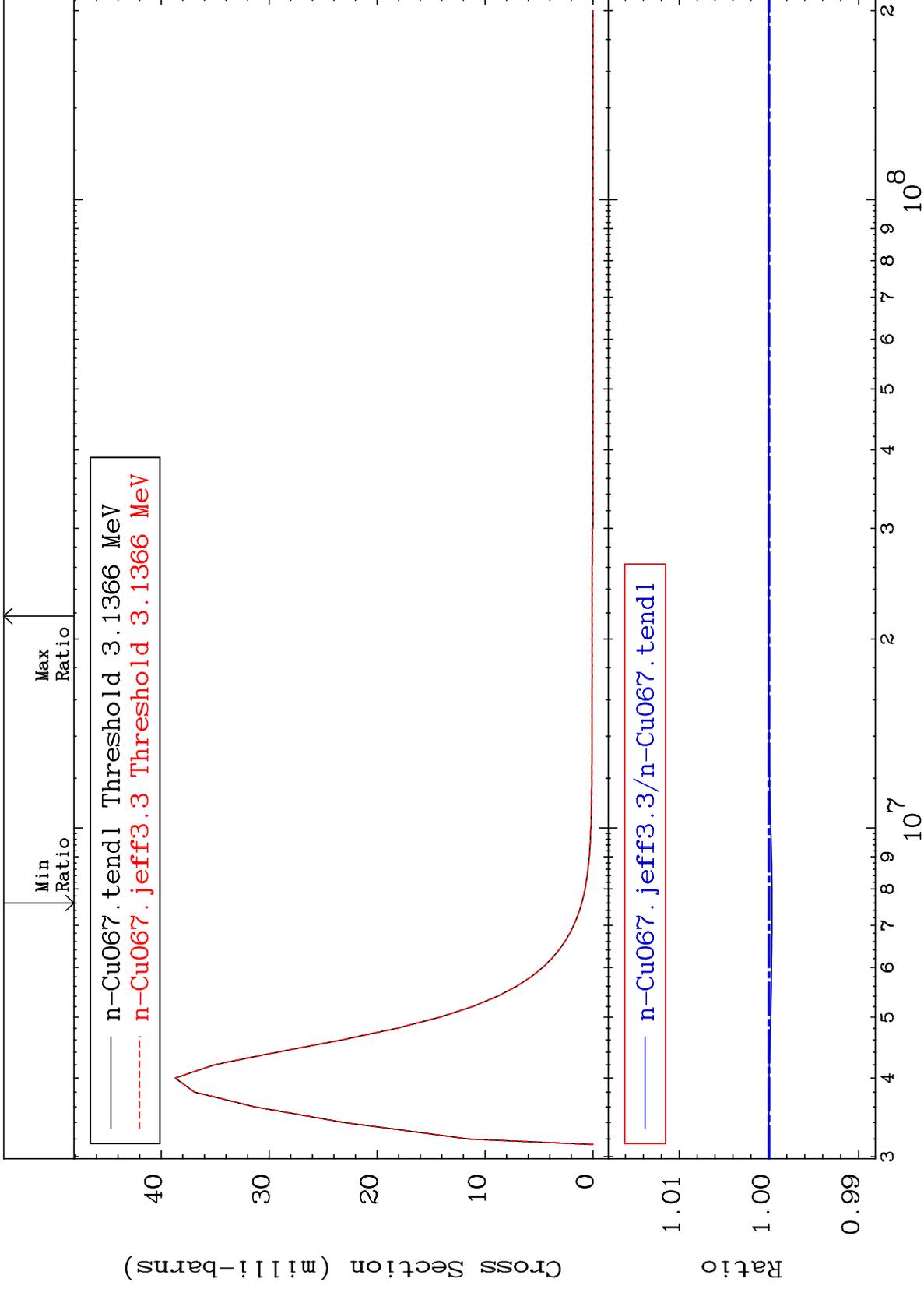
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.035 To 0.000 %



35

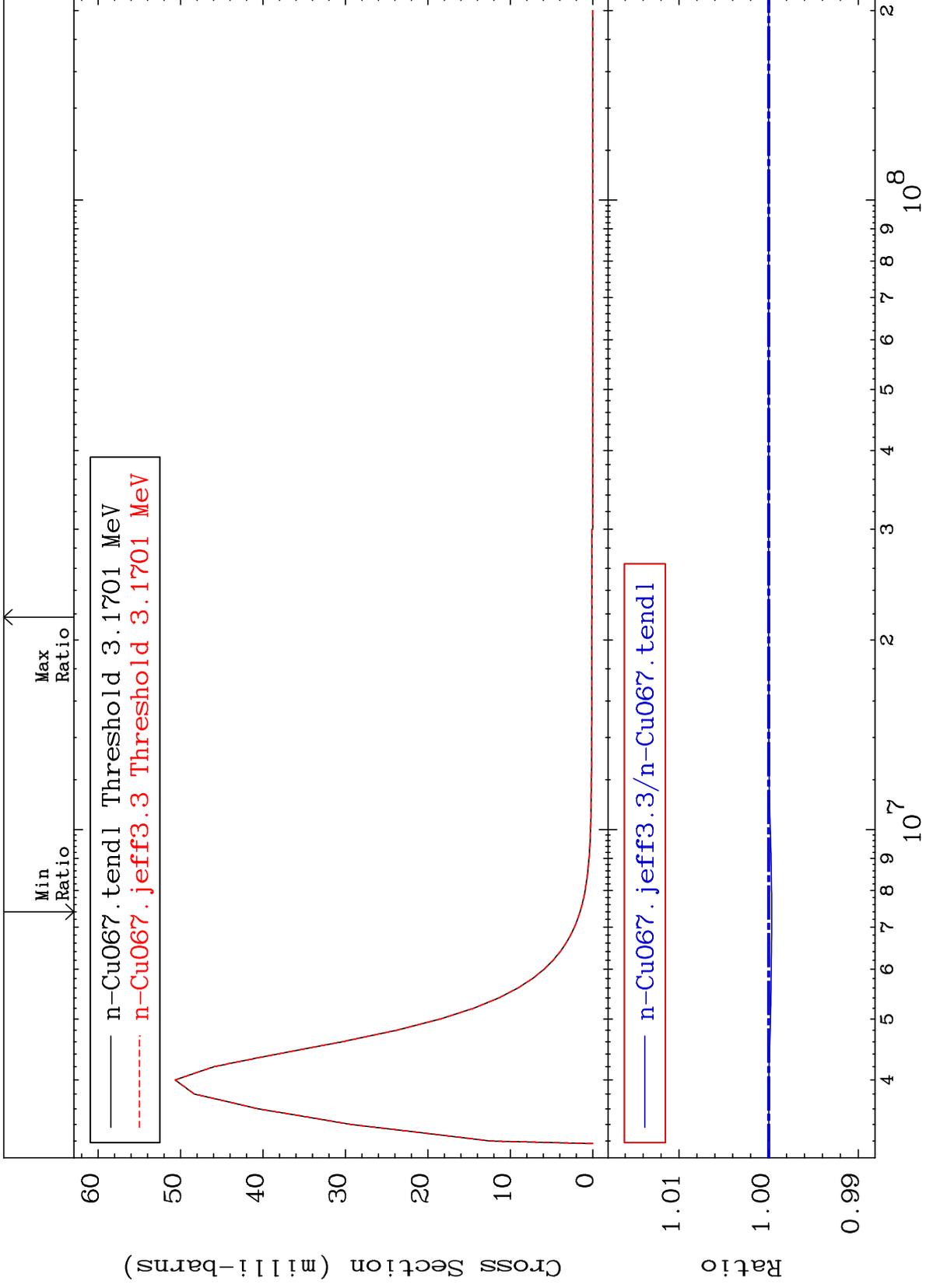
Incident Energy (eV)

29-Cu-67

MAT 2937

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

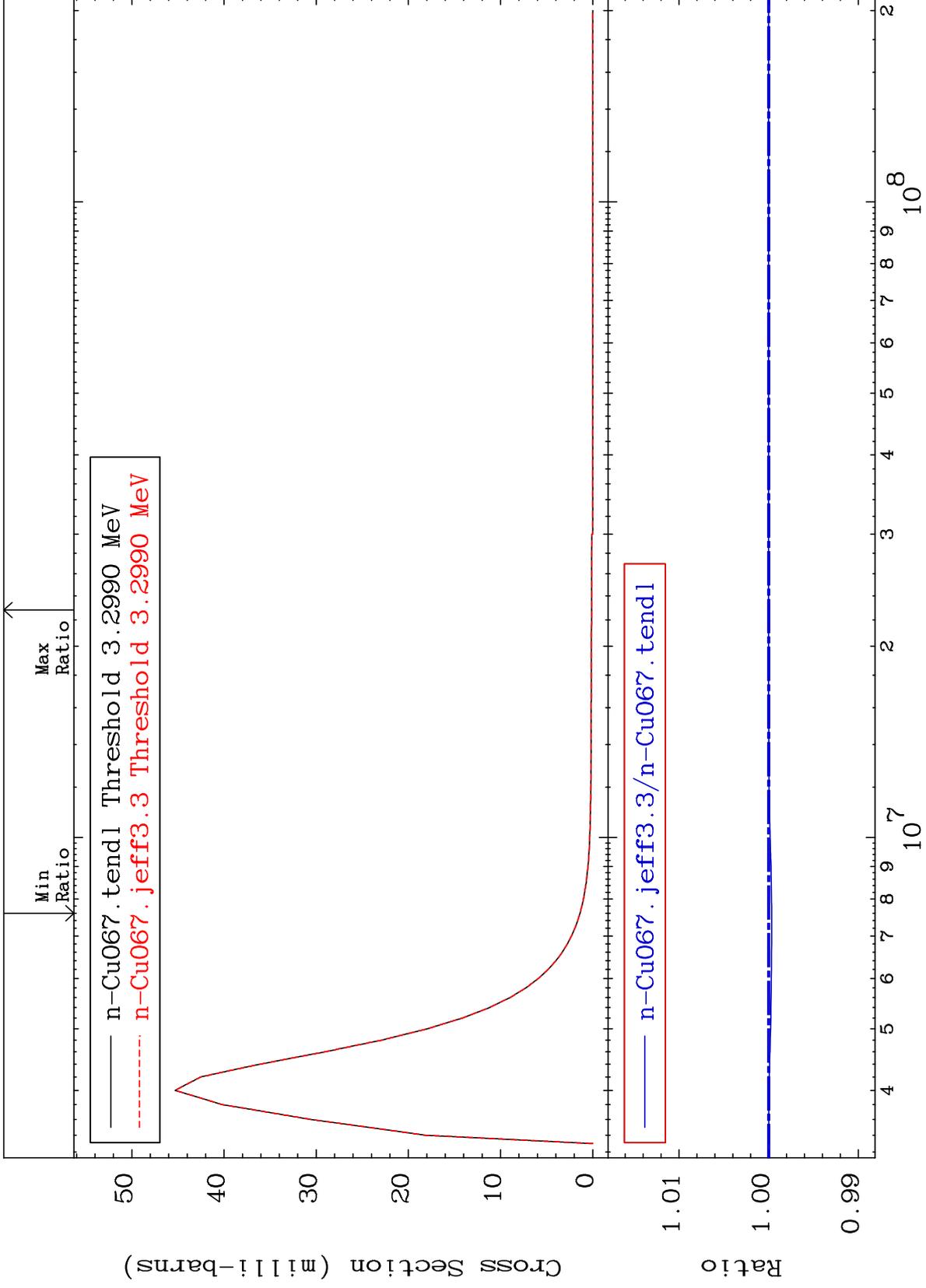
29-Cu-67
-0.034 To 0.000 %



MAT 2937

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

29-Cu-67
-0.034 To 0.000 %



37

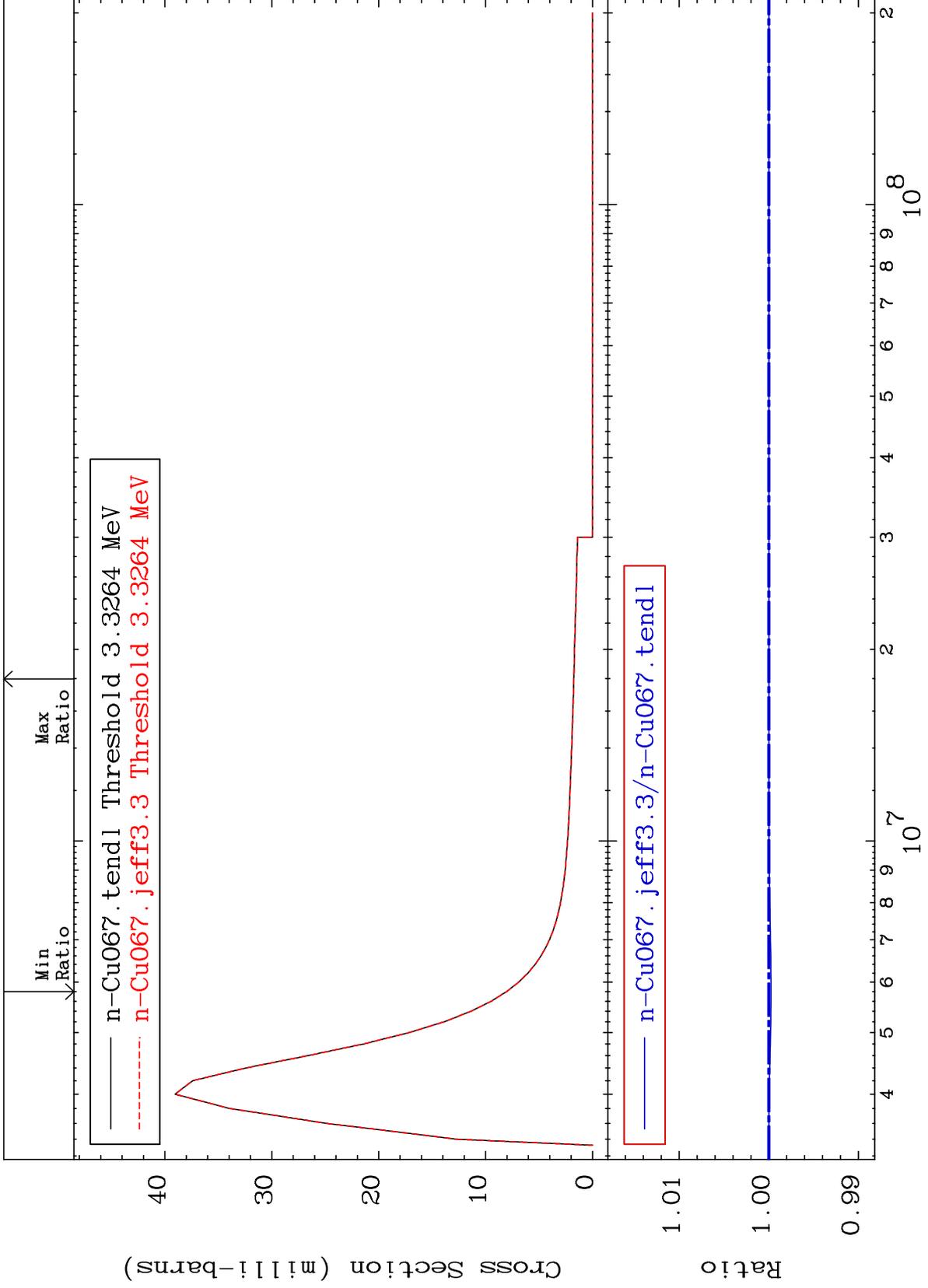
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.024 To 0.000 %



38

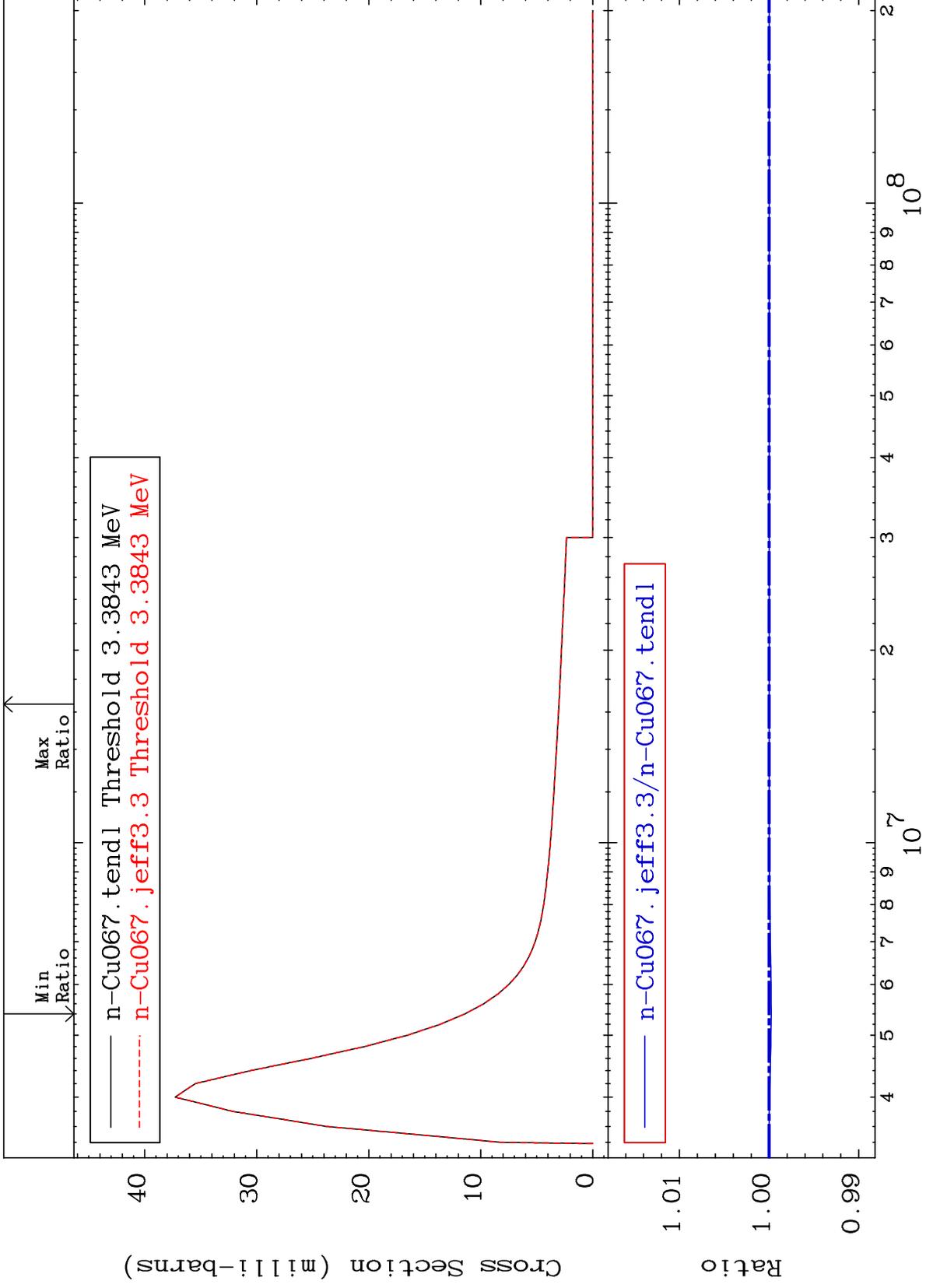
29-Cu-67

29-Cu-67

MAT 2937

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

29-Cu-67
-0.023 To 0.000 %



39

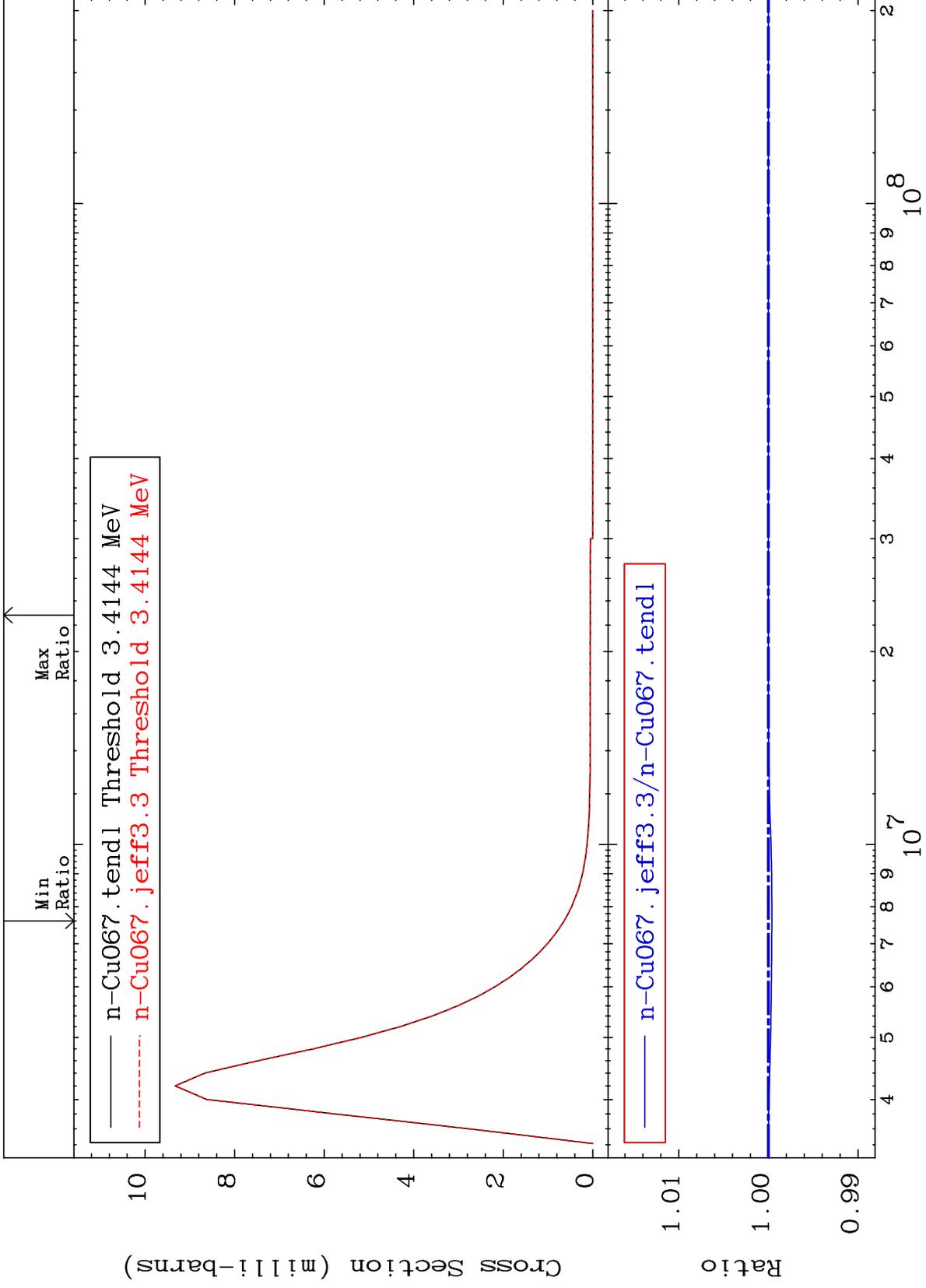
Incident Energy (eV)

29-Cu-67

MAT 2937

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

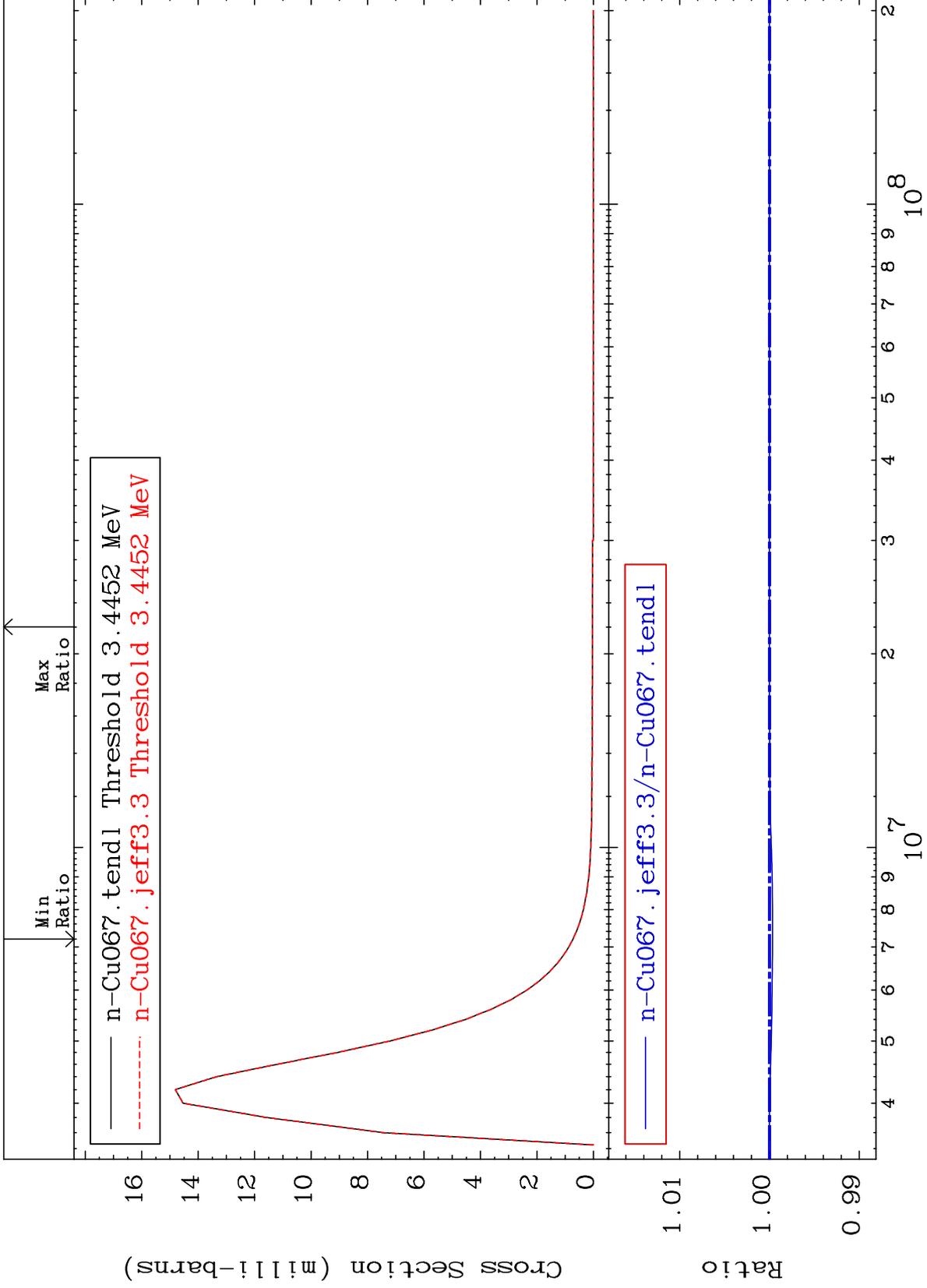
29-Cu-67
-0.039 To 0.000 %



MAT 2937

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

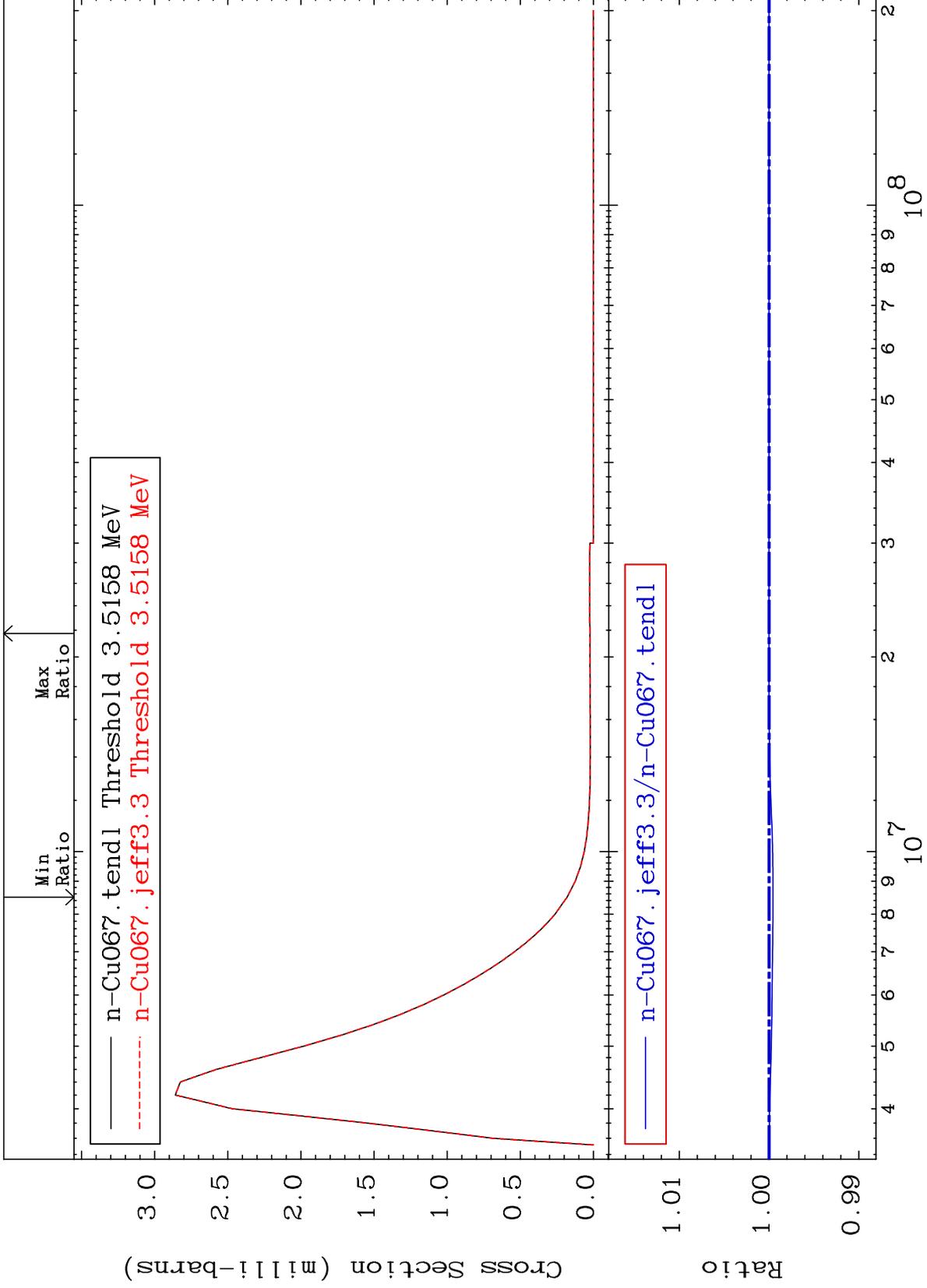
29-Cu-67
-0.034 To 0.000 %



MAT 2937

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

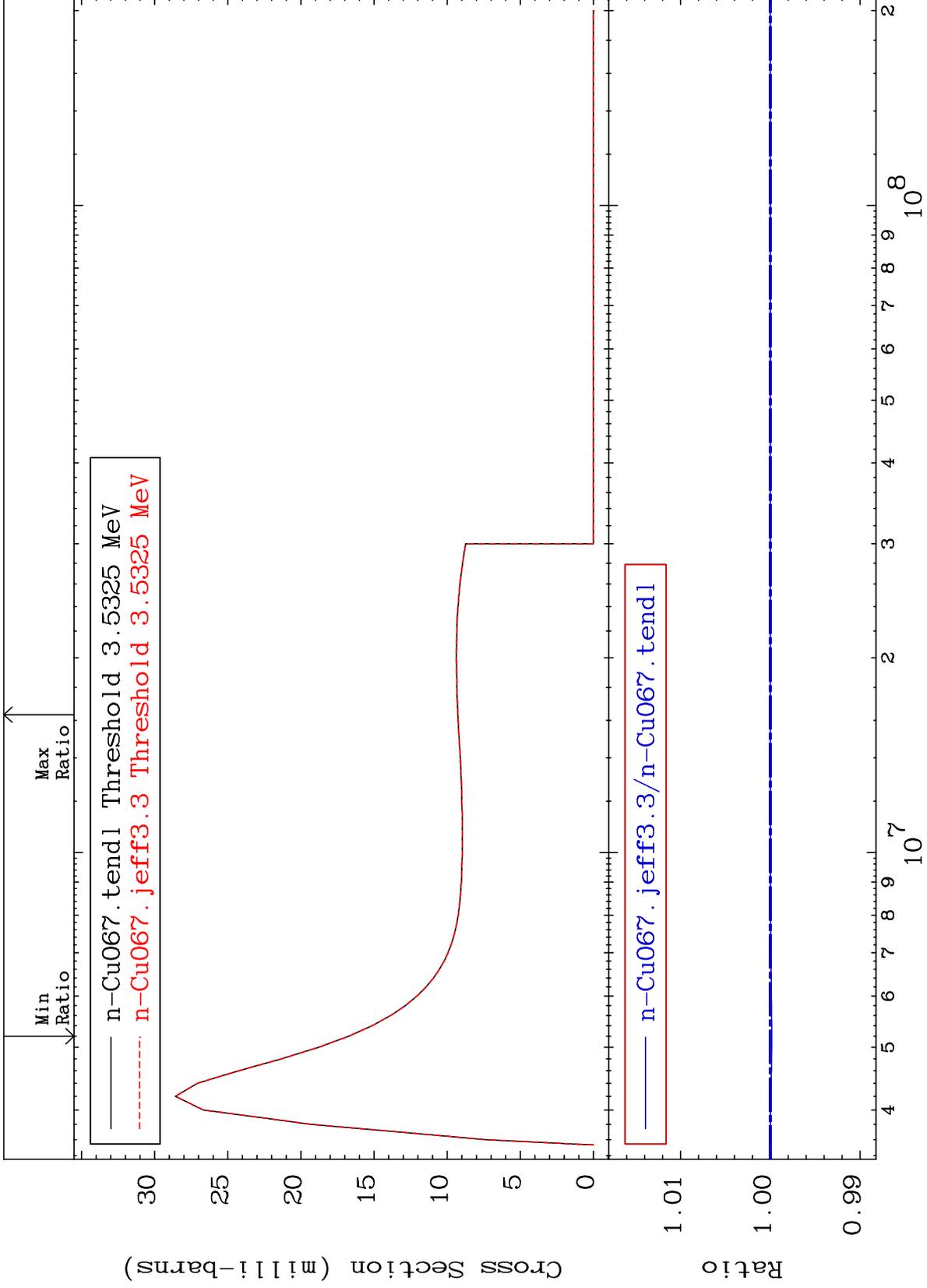
29-Cu-67
-0.043 To 0.000 %



MAT 2937

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

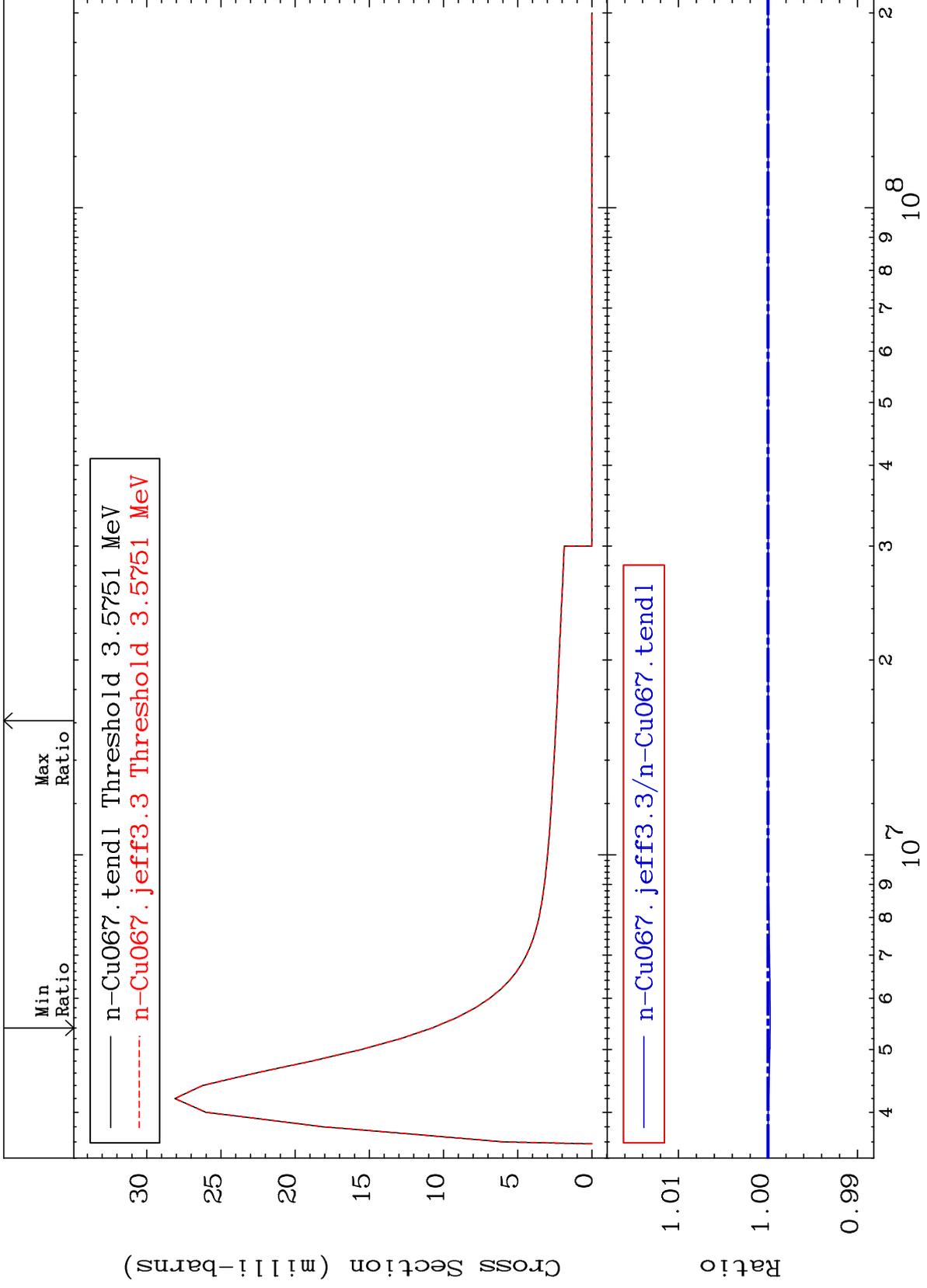
29-Cu-67
-0.015 To 0.000 %



MAT 2937

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

29-Cu-67
-0.023 To 0.000 %



44

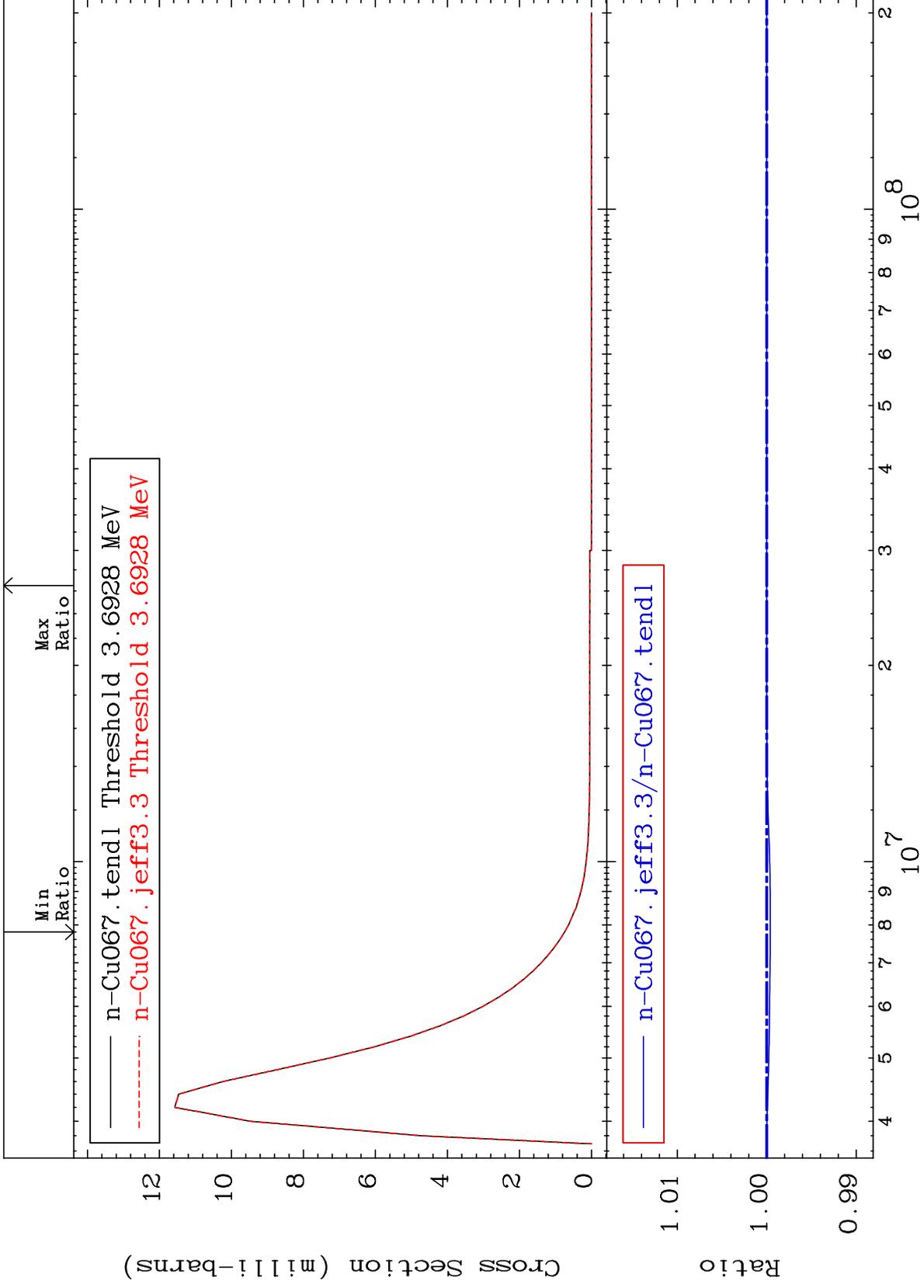
Incident Energy (eV)

29-Cu-67

MAT 2937

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

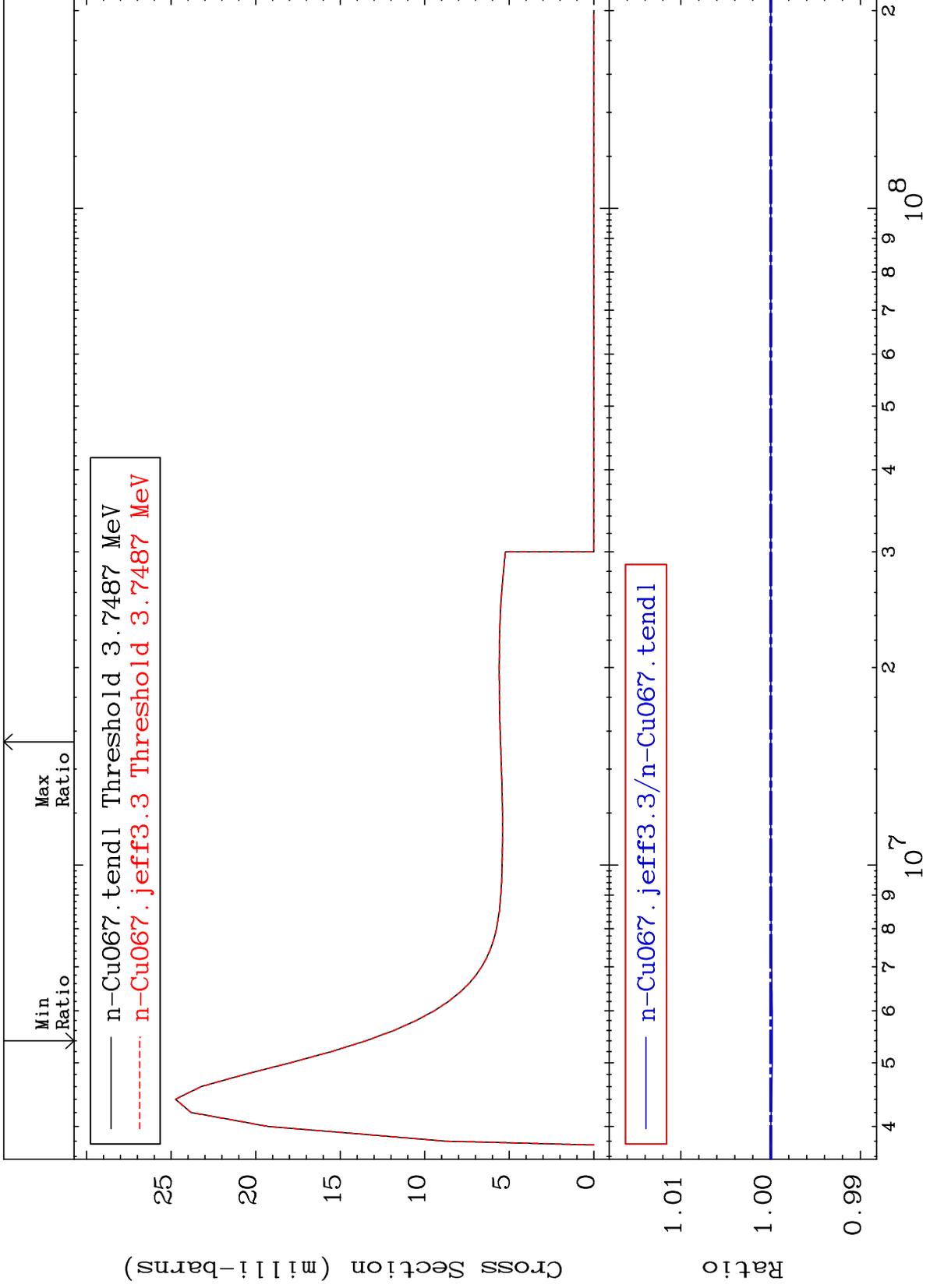
29-Cu-67
-0.040 To 0.000 %



MAT 2937

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

29-Cu-67
-0.018 To 0.000 %



46

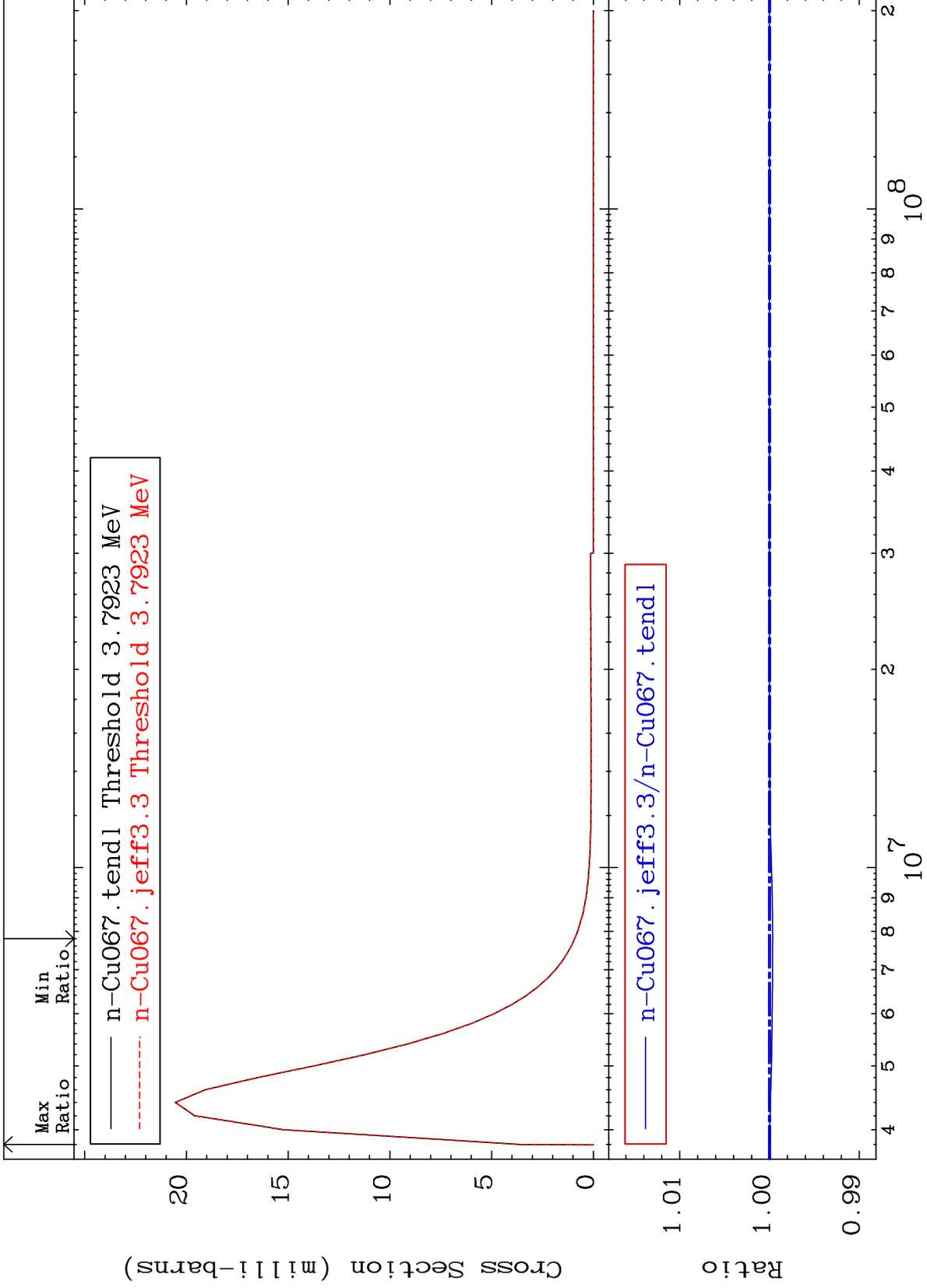
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.036 To 0.002 %



47

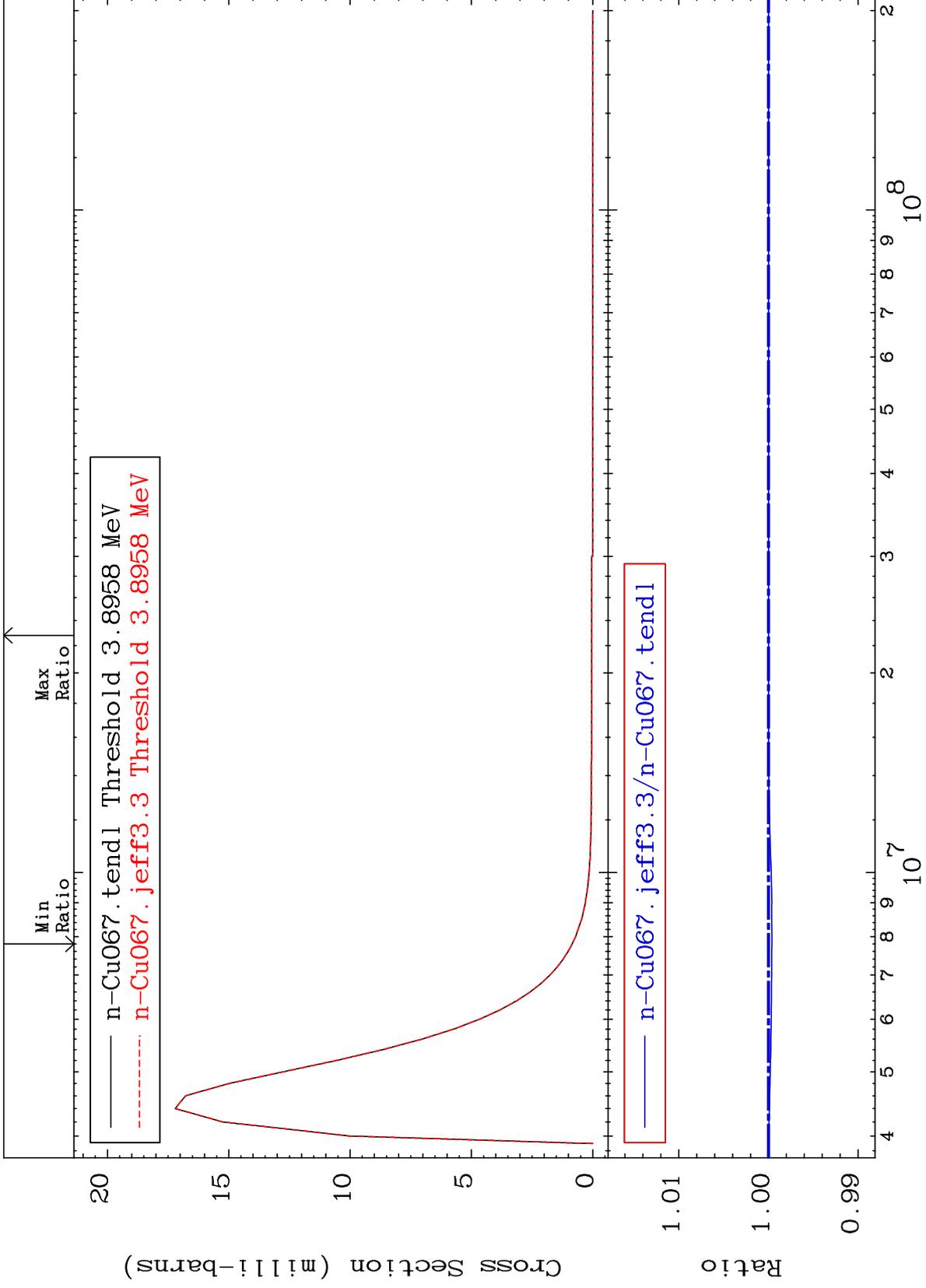
Incident Energy (eV)

29-Cu-67

MAT 2937

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

29-Cu-67
-0.038 To 0.000 %



48

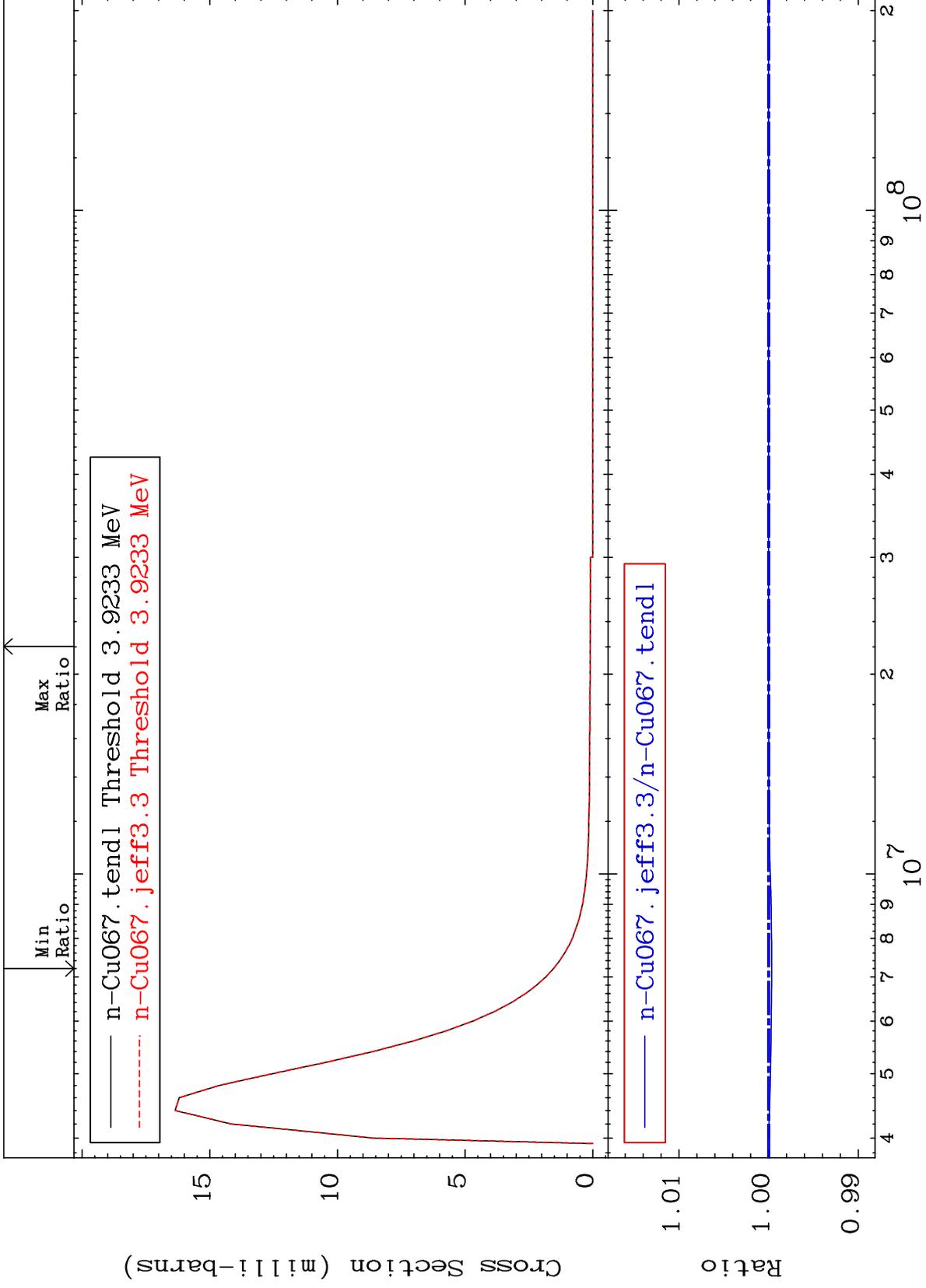
29-Cu-67

29-Cu-67

MAT 2937

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

29-Cu-67
-0.034 To 0.000 %



49

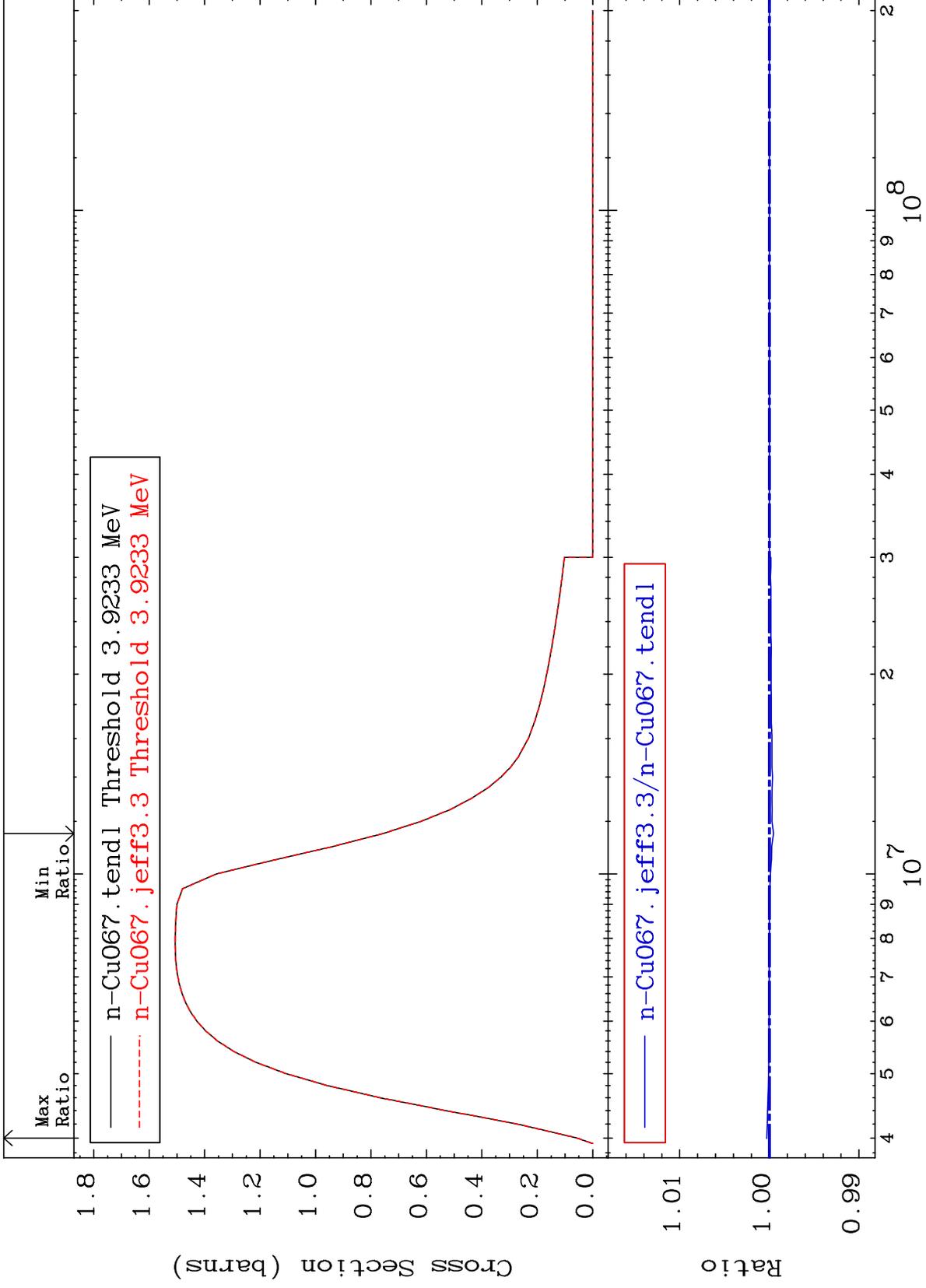
29-Cu-67

29-Cu-67

MAT 2937

(n, n') Continuum
Cross Section

29-Cu-67
-0.047 To 0.030 %



50

Incident Energy (eV)

29-Cu-67

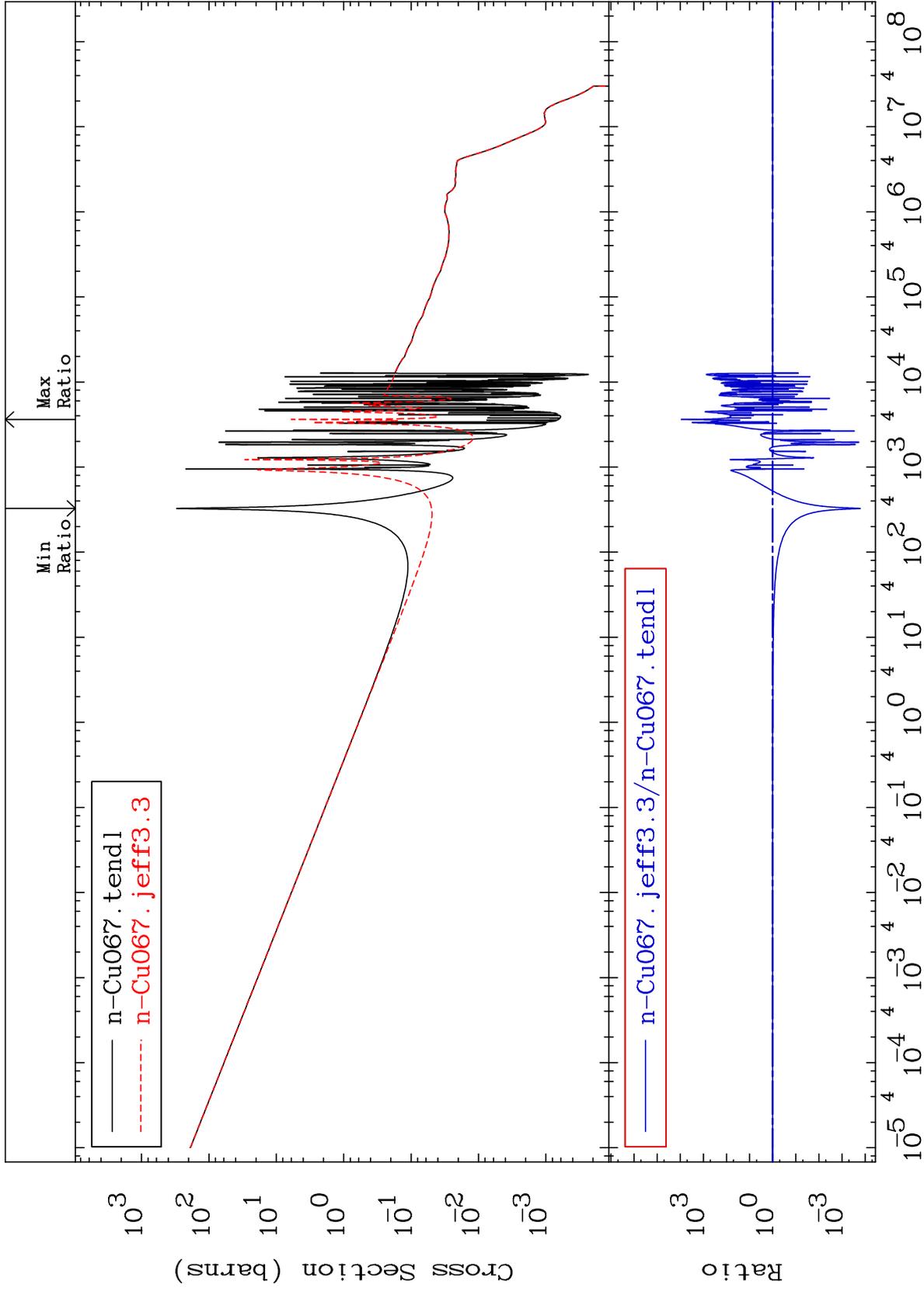
MAT 2937

(n, γ)

29-Cu-67

Cross Section

-99.98 To 9999. %



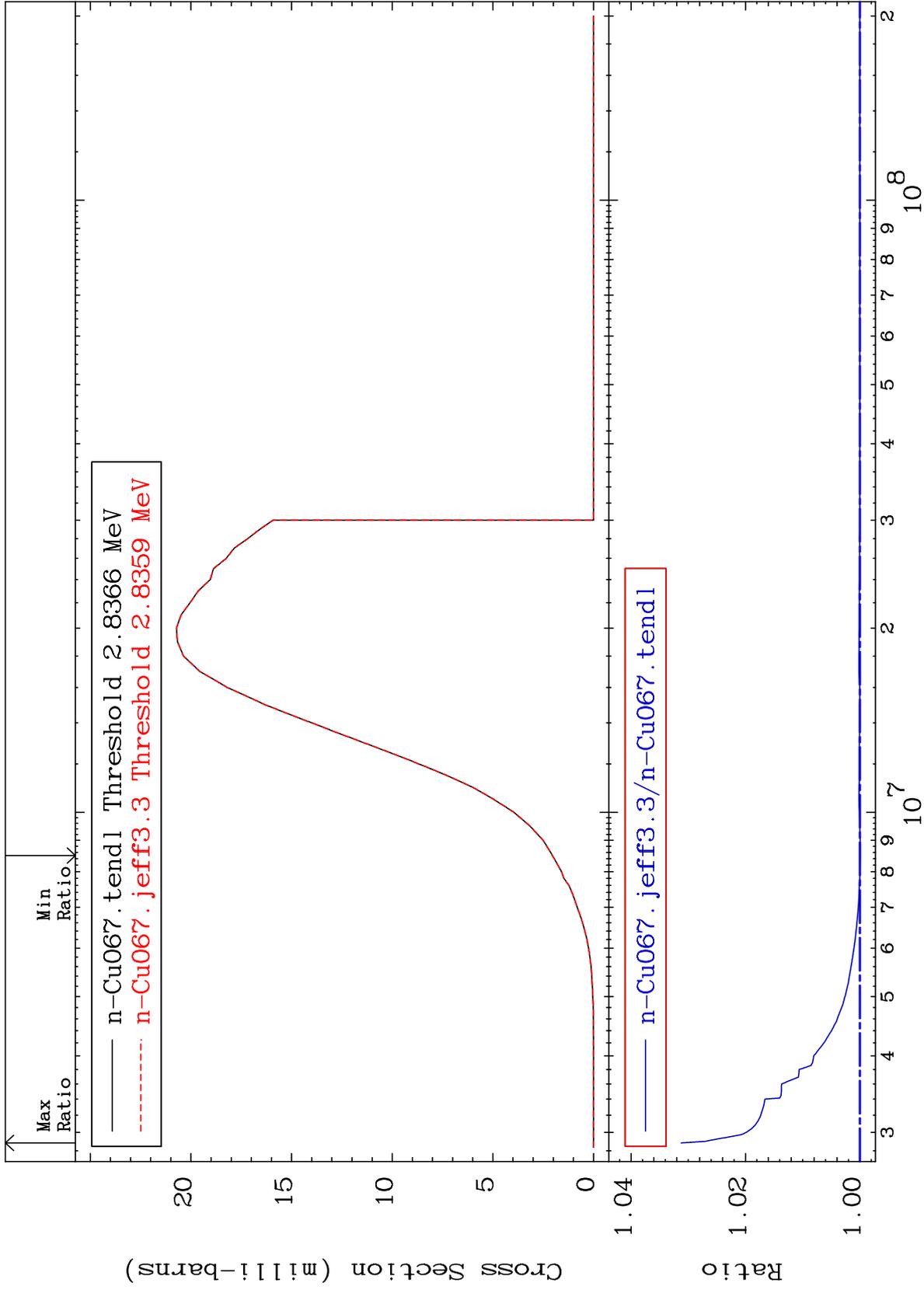
MAT 2937

(n,p)

29-Cu-67

Cross Section

-0.006 To 3.123 %



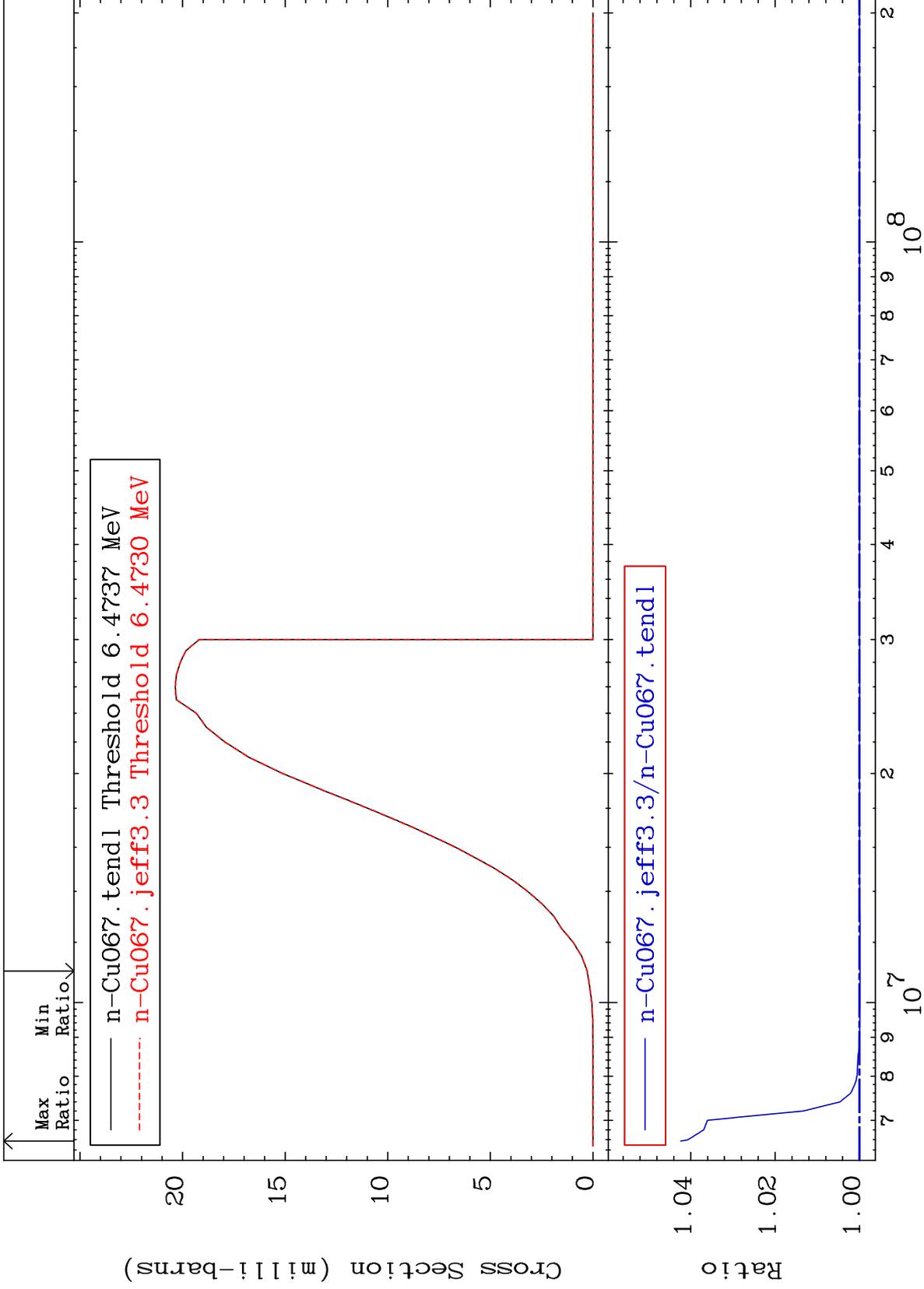
52

Incident Energy (eV)

29-Cu-67

Cross Section

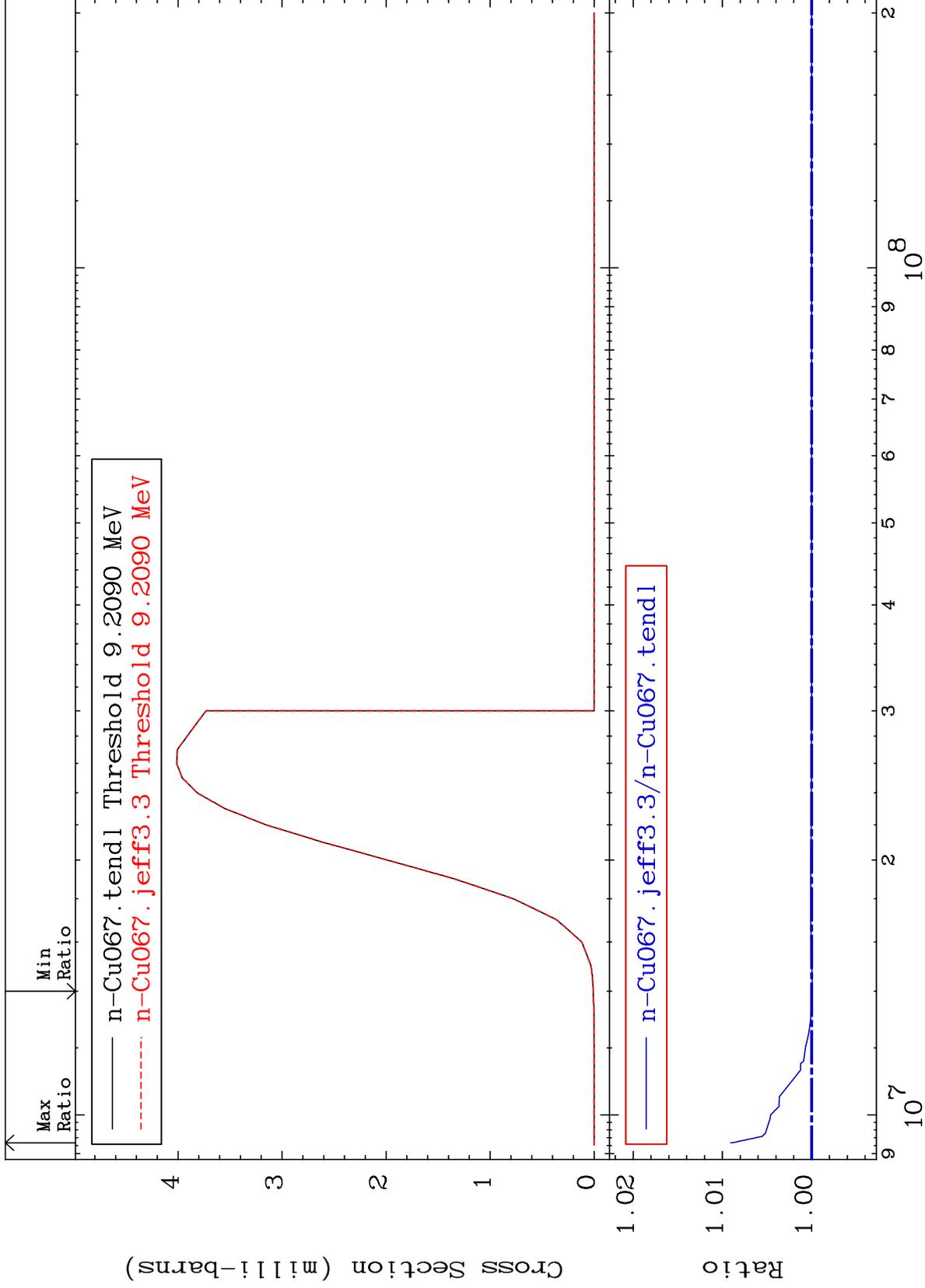
-0.013 To 4.235 %



MAT 2937

(n, t)
Cross Section

29-Cu-67
-0.008 To 0.907 %



MAT 2937

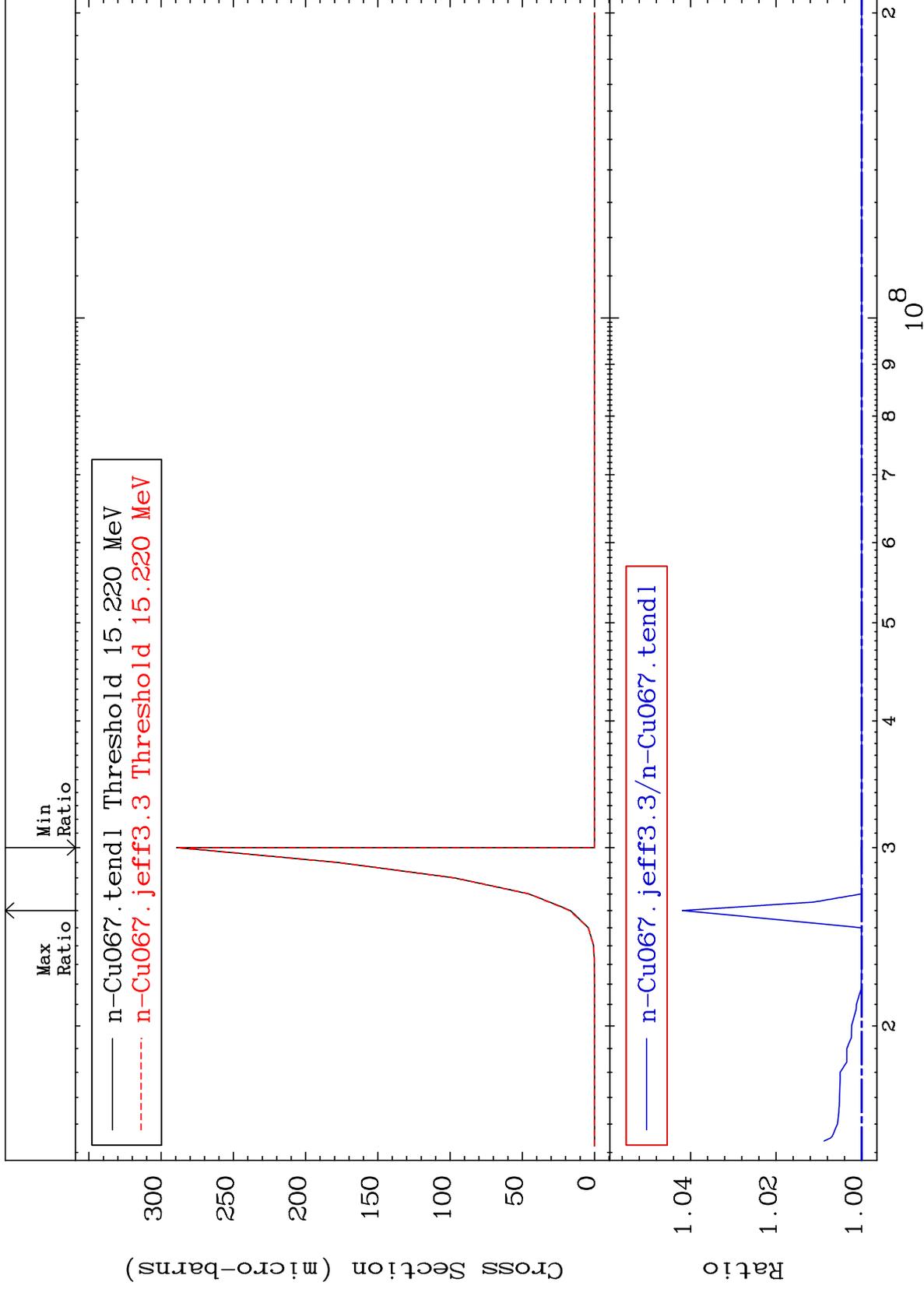
(n, He-3)

29-Cu-67

Cross Section

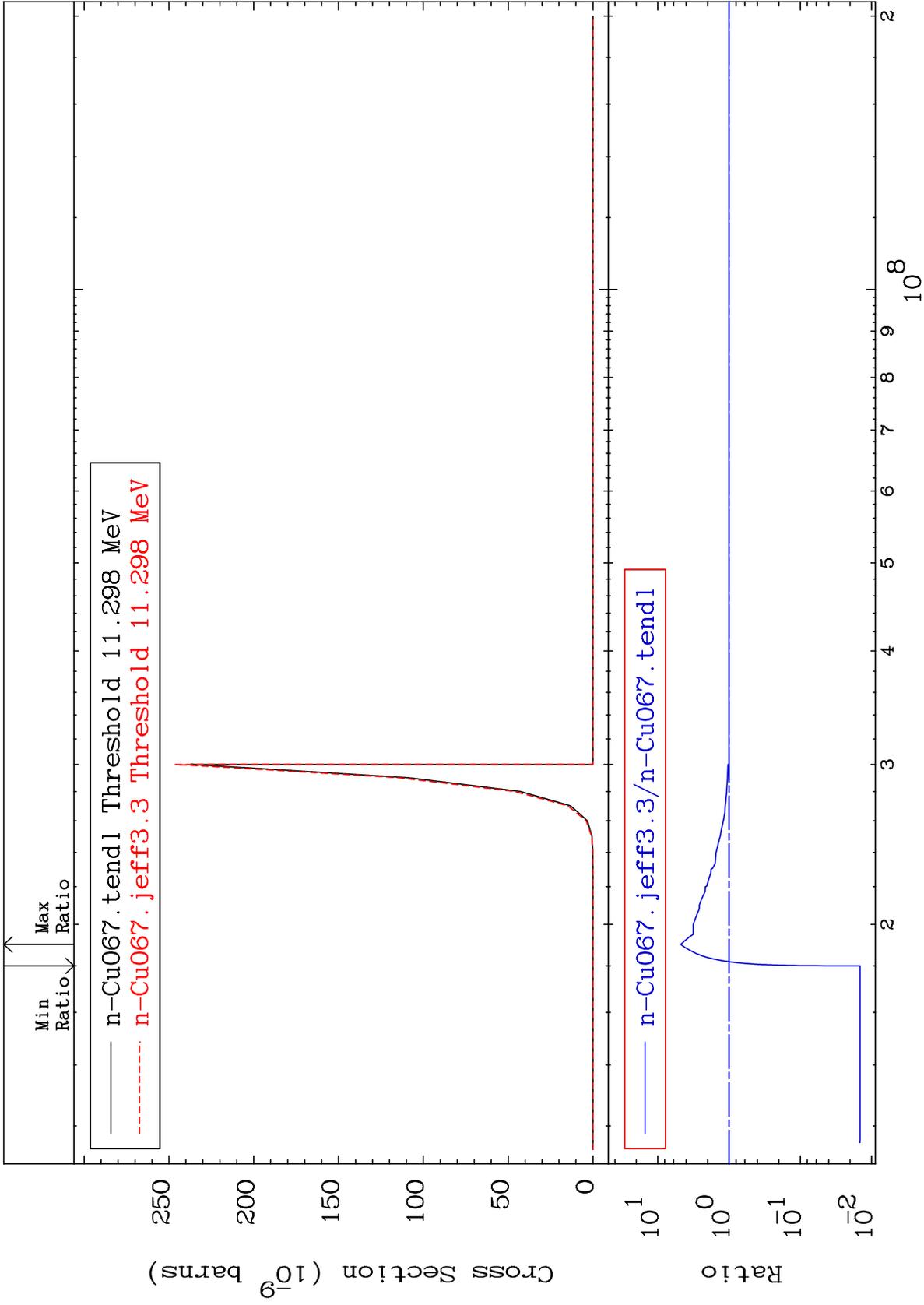
0.000

To 4.192 %



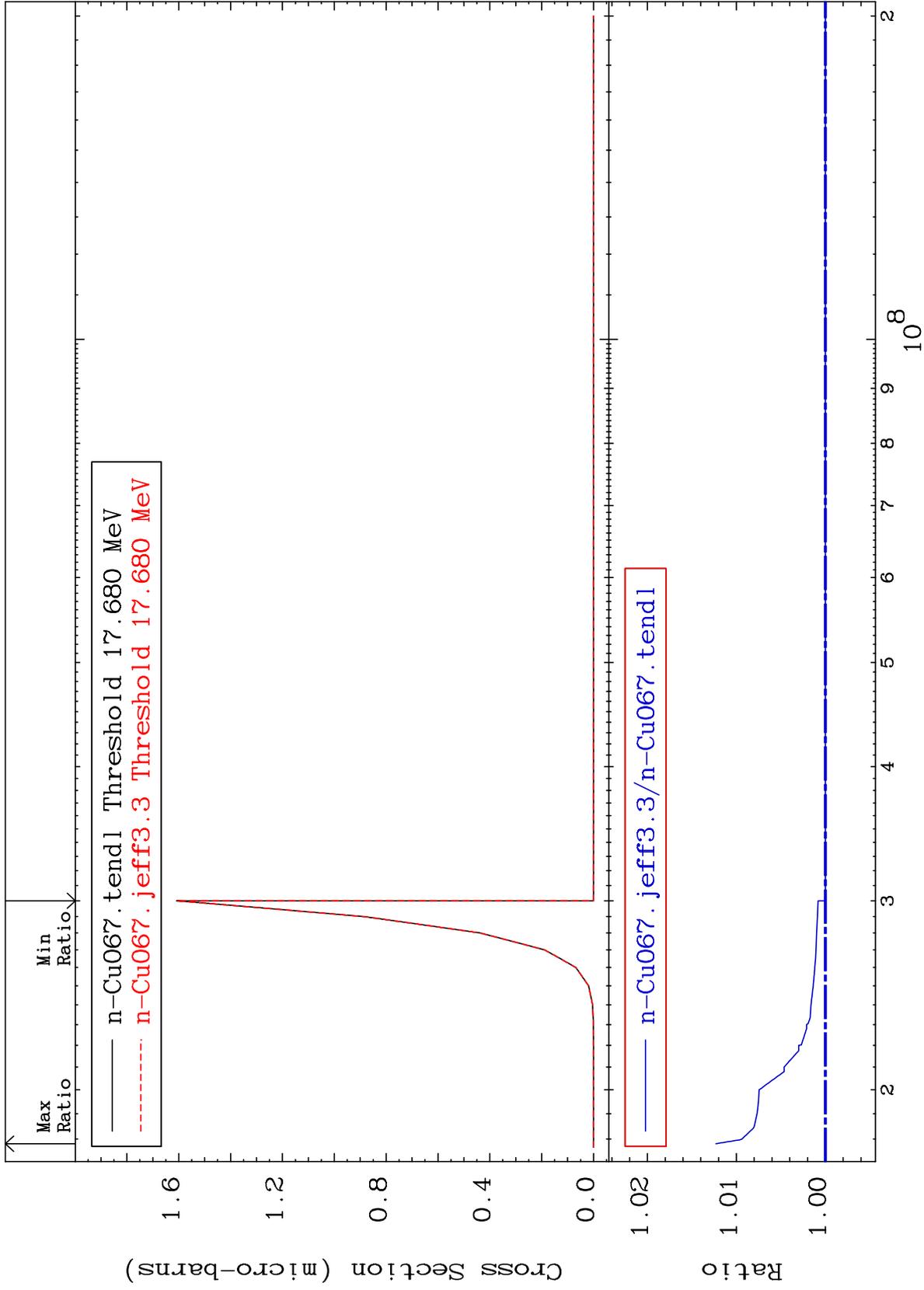
Cross Section

-98.55 To 376.0 %



Cross Section

0.000 To 1.229 %



MAT 2937

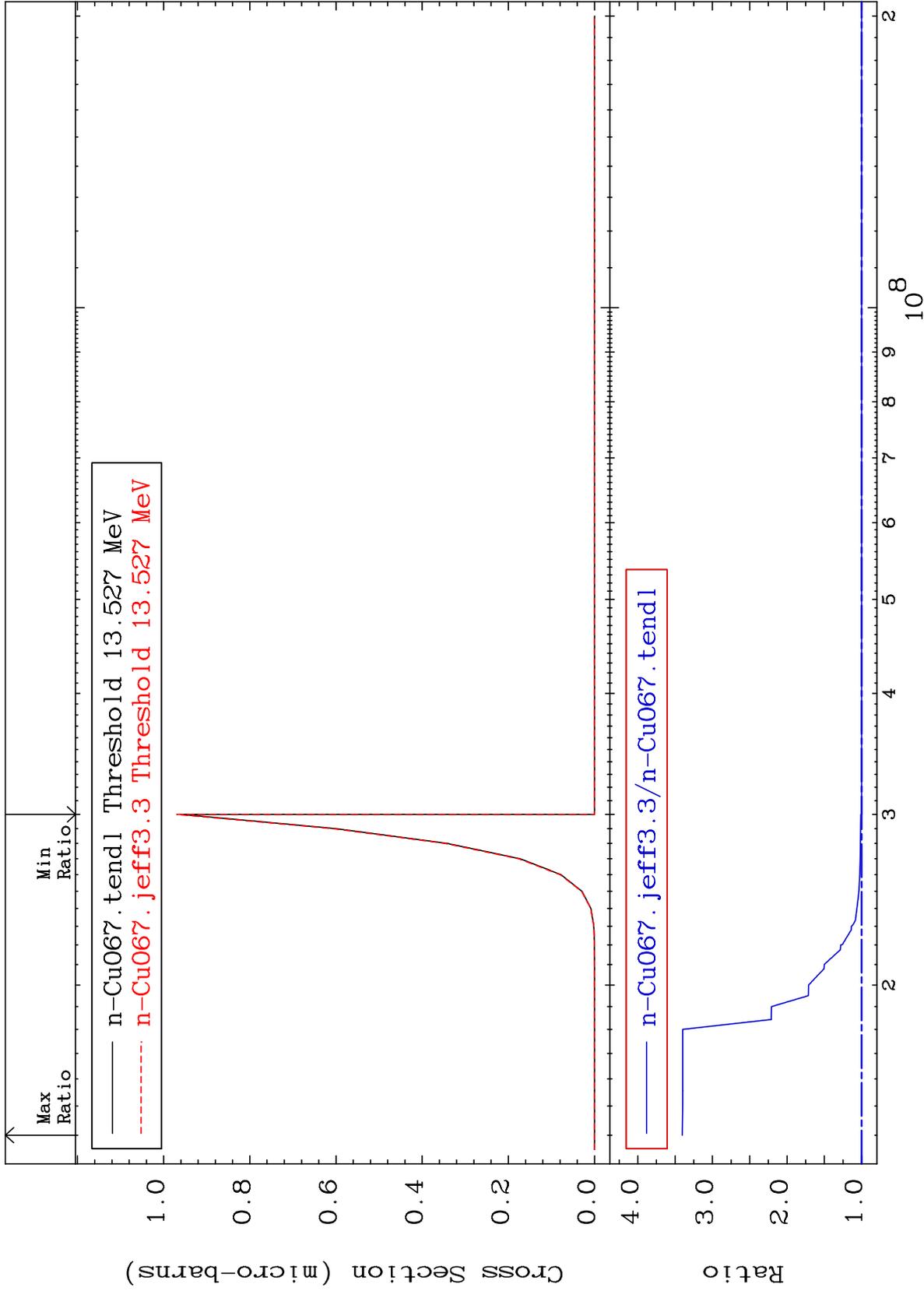
(n,p) α

29-Cu-67

Cross Section

0.000

To 240.3 %



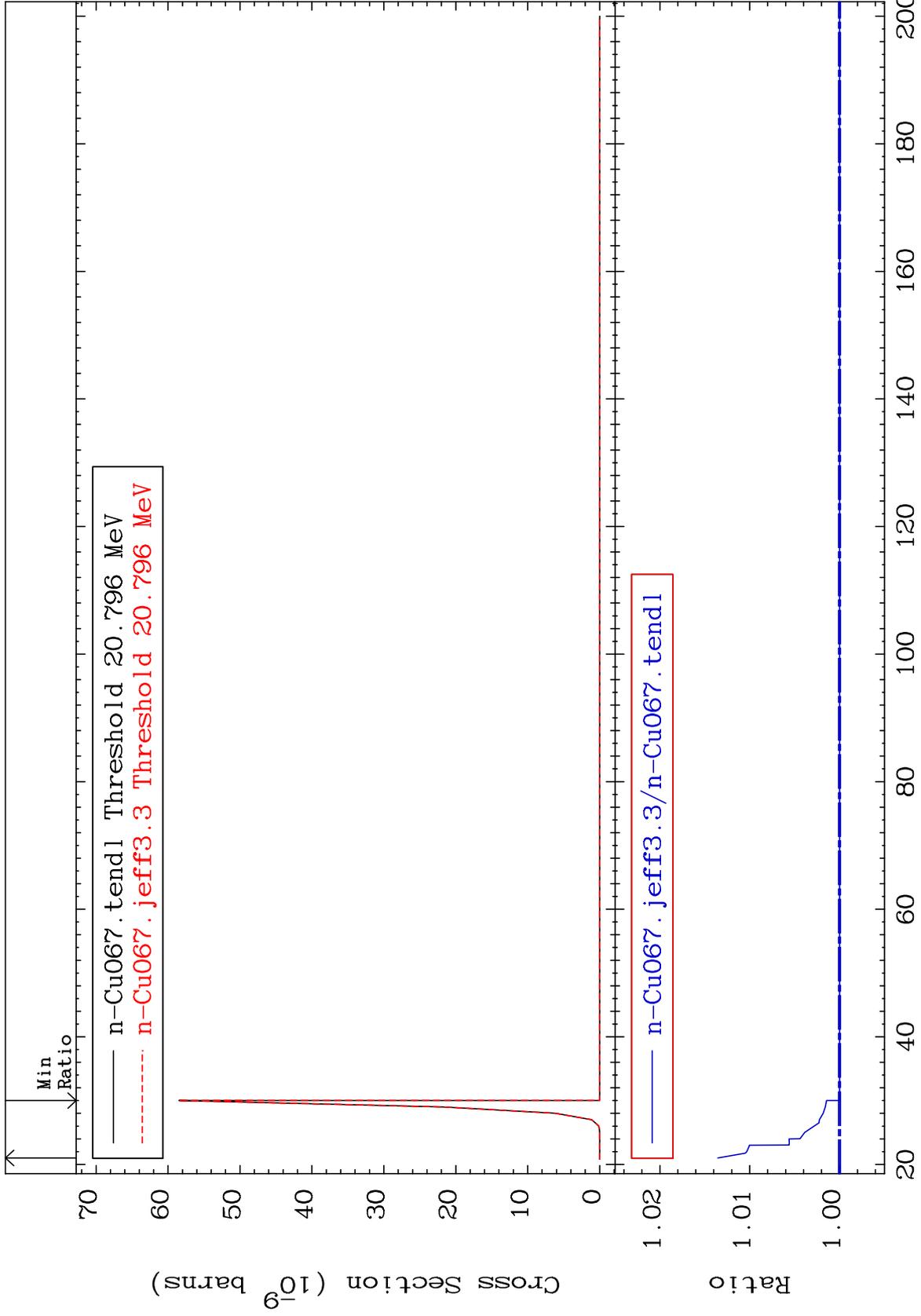
MAT 2937

(n,p) d

²⁹Cu-67

Cross Section

0.000 To 1.355 %



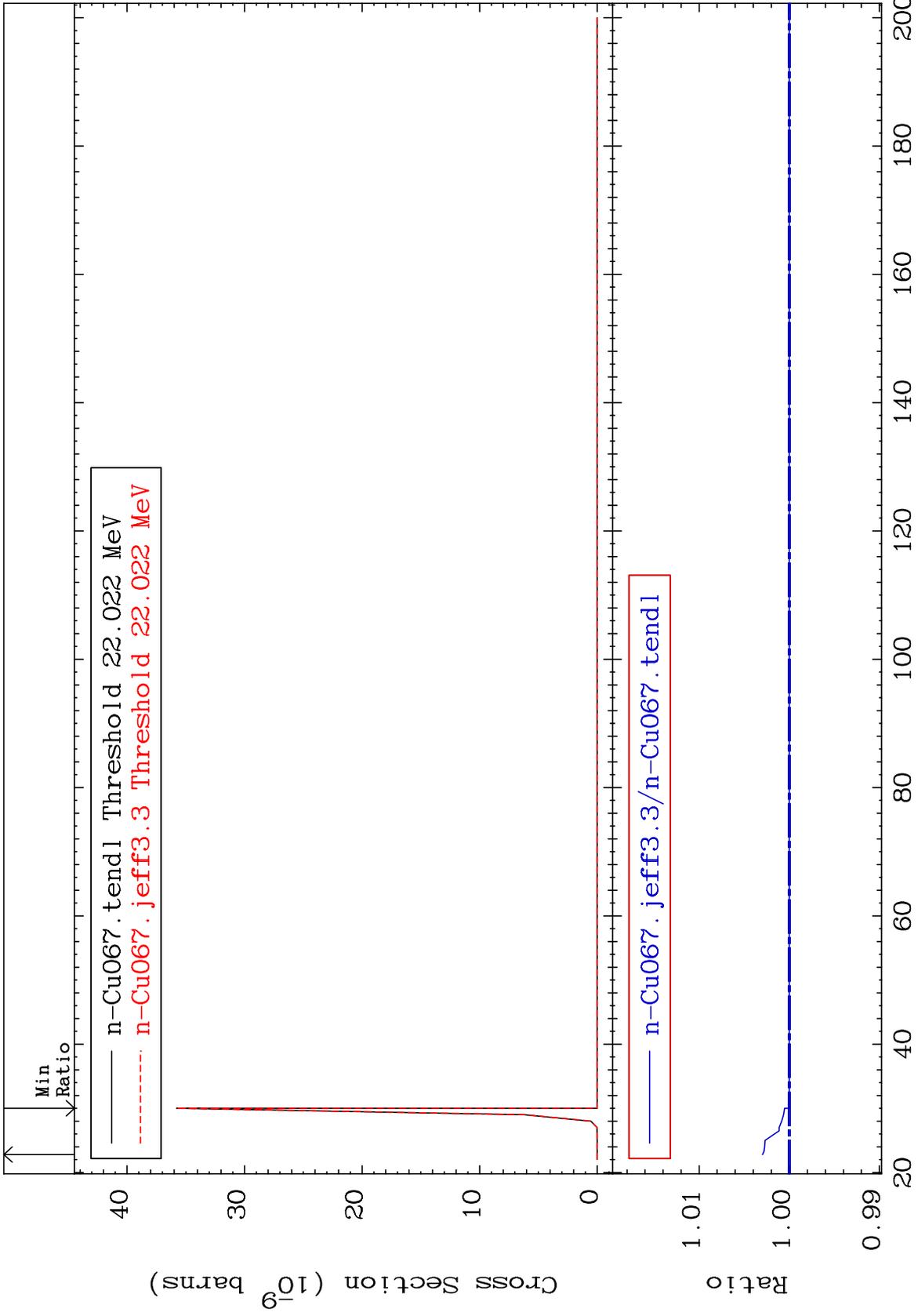
MAT 2937

(n,p) t

²⁹Cu-67

Cross Section

0.000 To 0.297 %



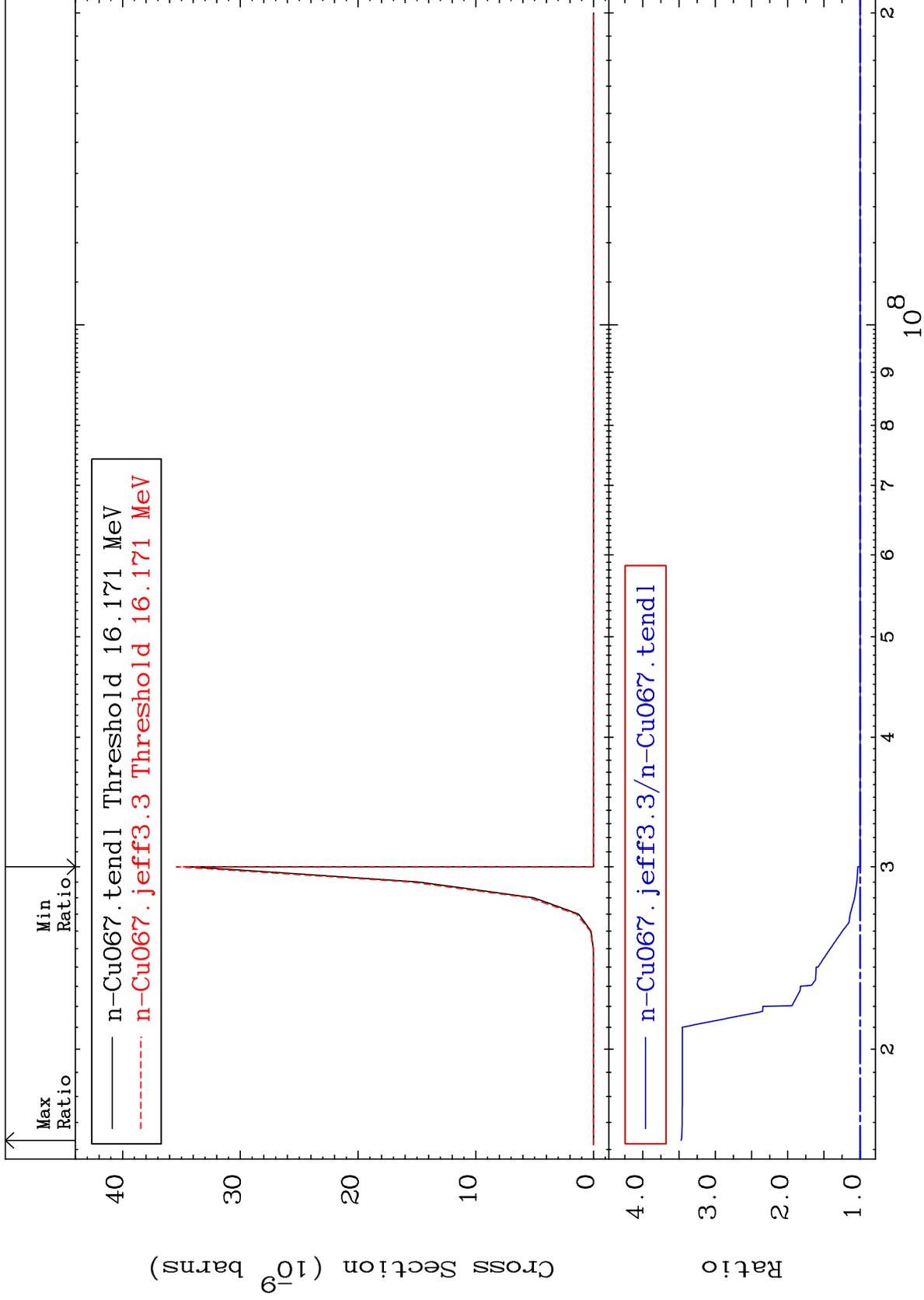
61

Incident Energy (MeV)

²⁹Cu-67

MAT 2937

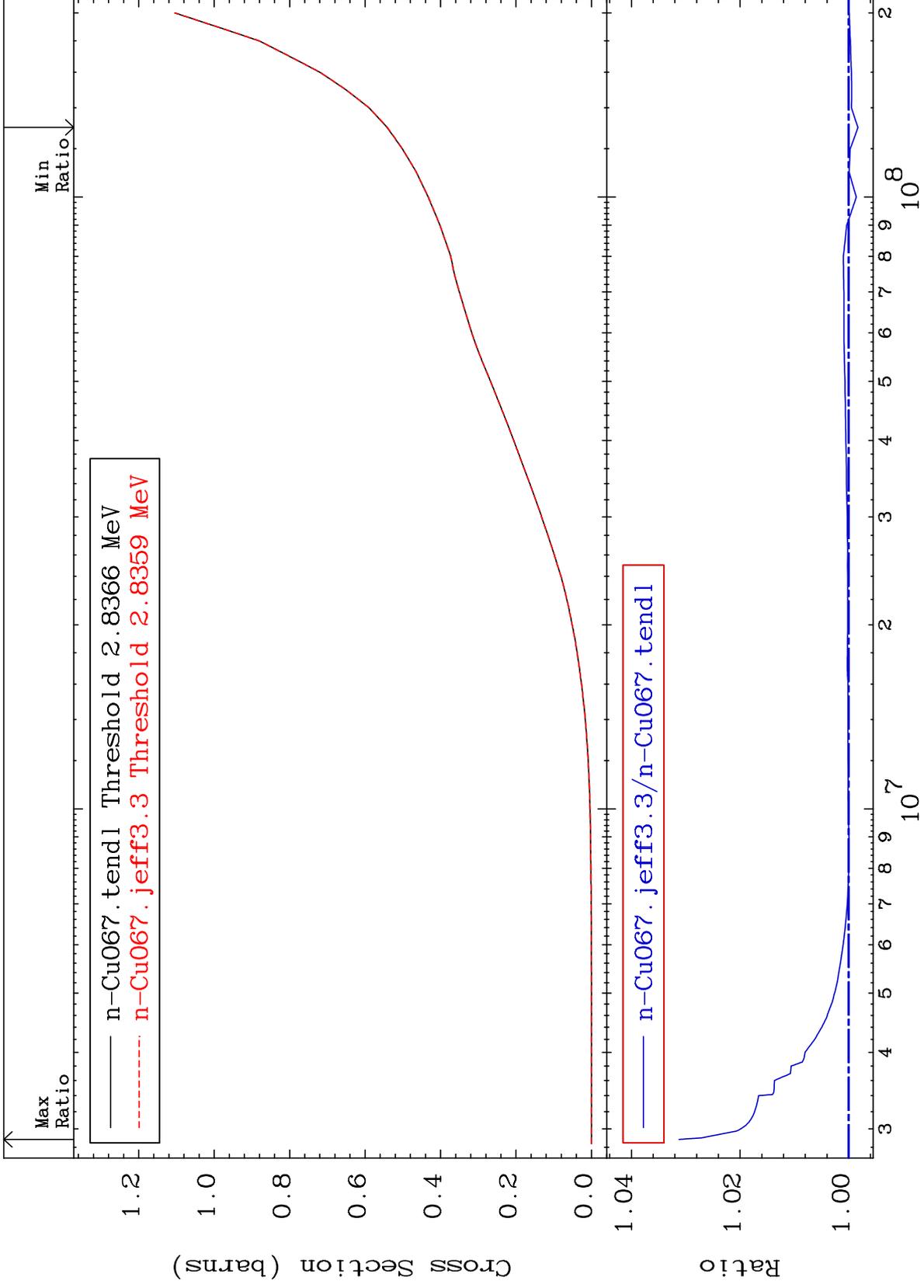
(n,d) α Cross Section
29-Cu-67 To 247.1 %
0.000



MAT 2937

Hydrogen Production
Cross Section

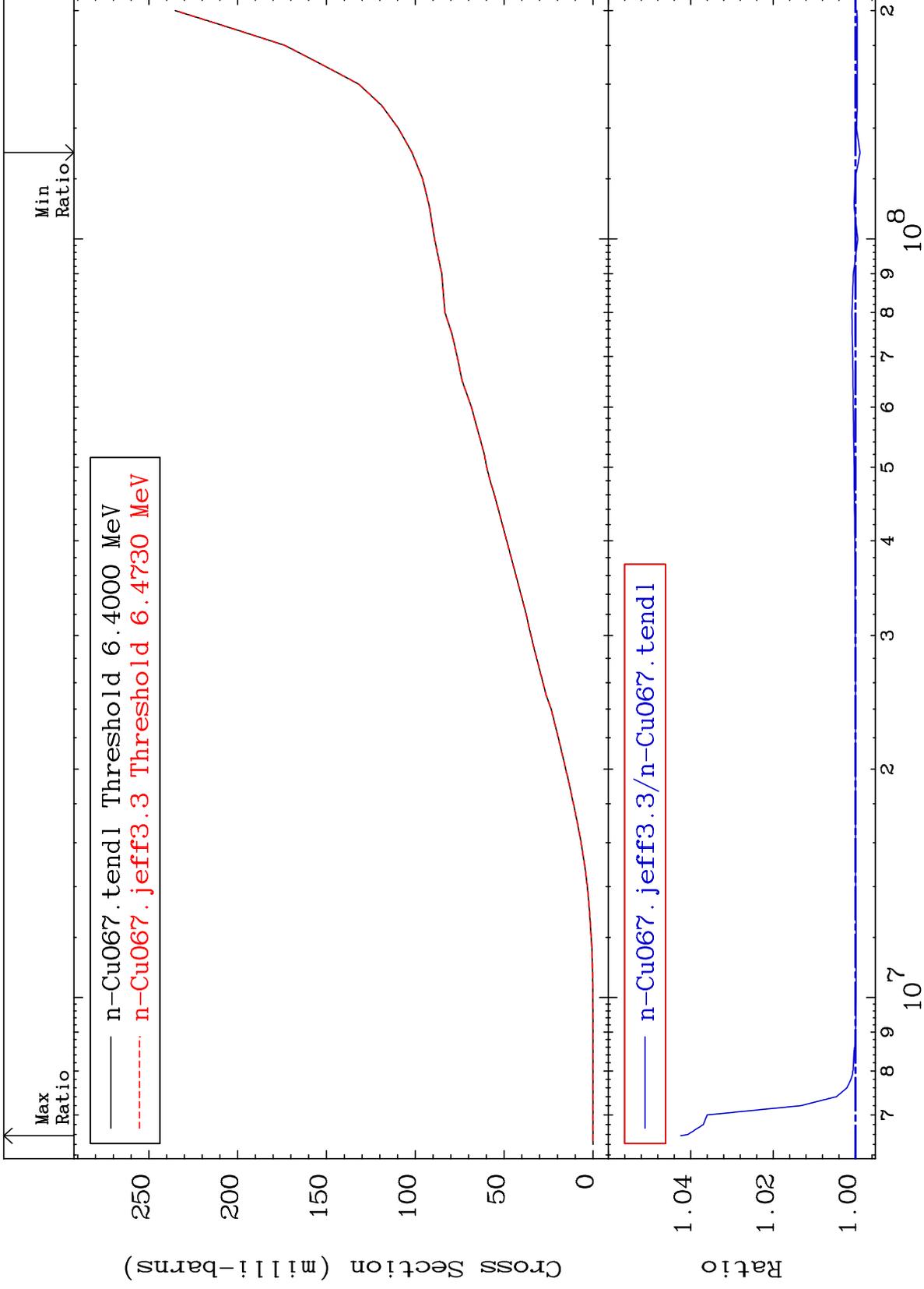
29-Cu-67
-0.169 To 3.123 %



MAT 2937

Deuterium Production
Cross Section

29-Cu-67
-0.110 To 4.241 %



64

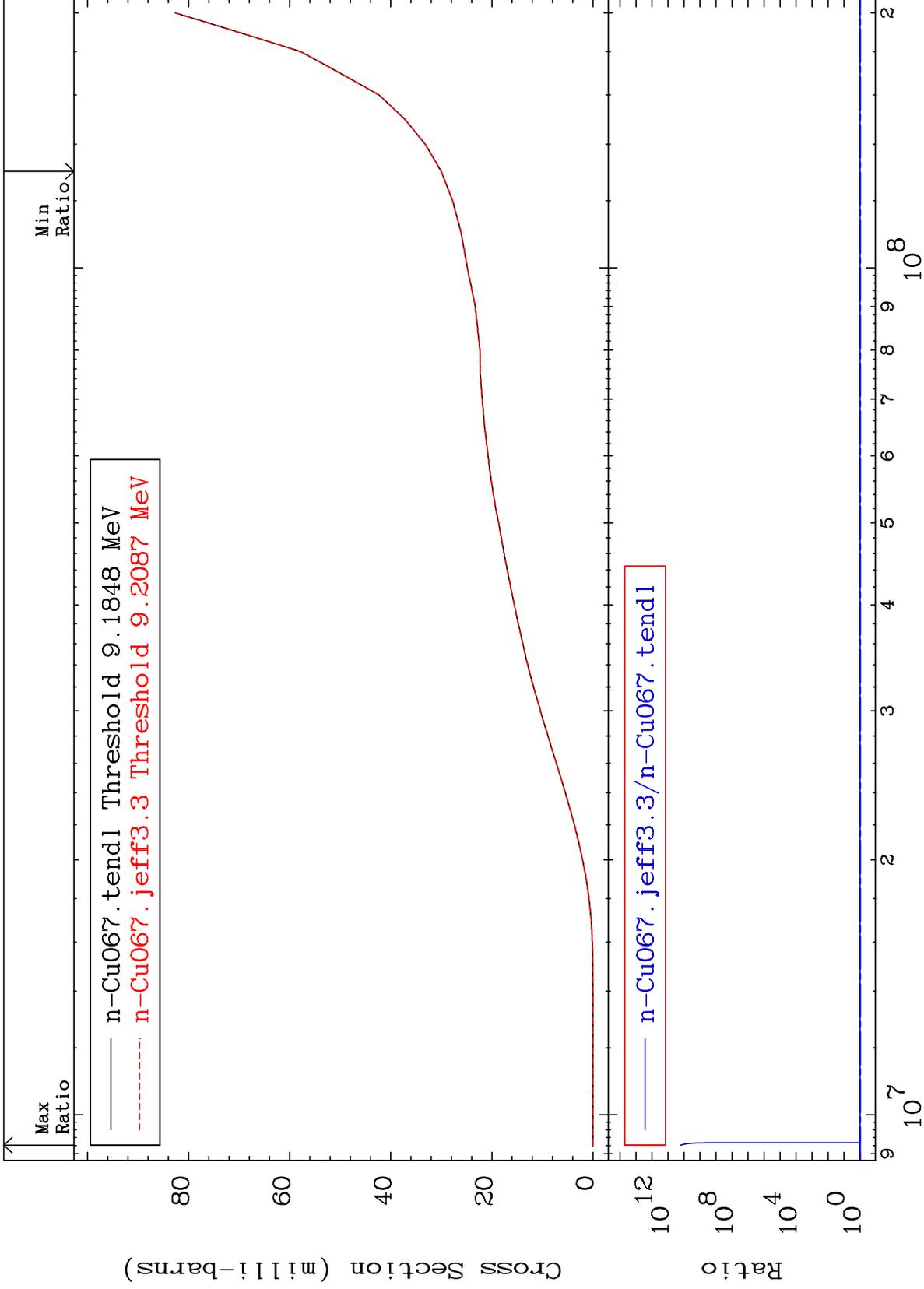
Incident Energy (eV)

29-Cu-67

MAT 2937

Tritium Production
Cross Section

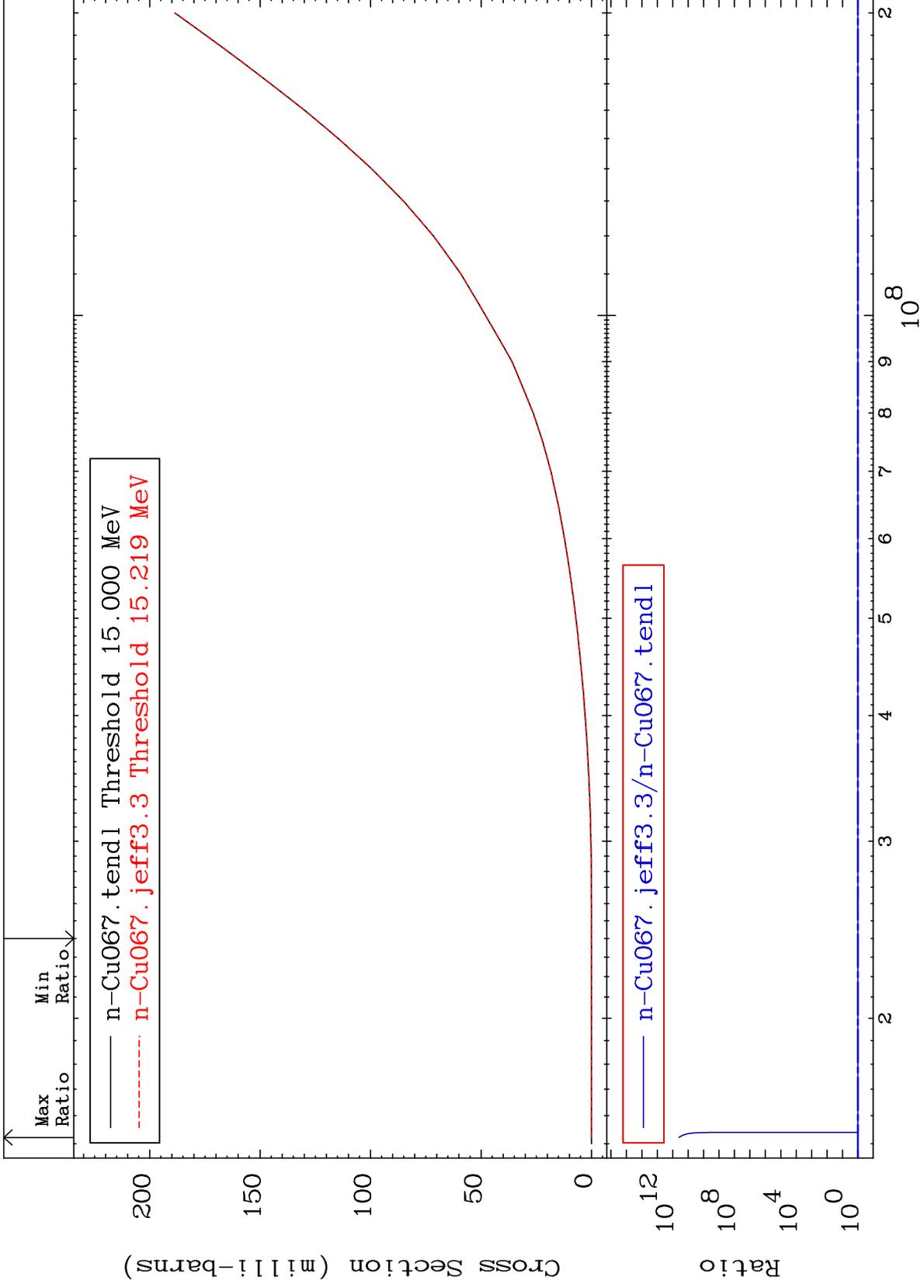
29-Cu-67
-0.132 To 9999. %



65

Incident Energy (eV)

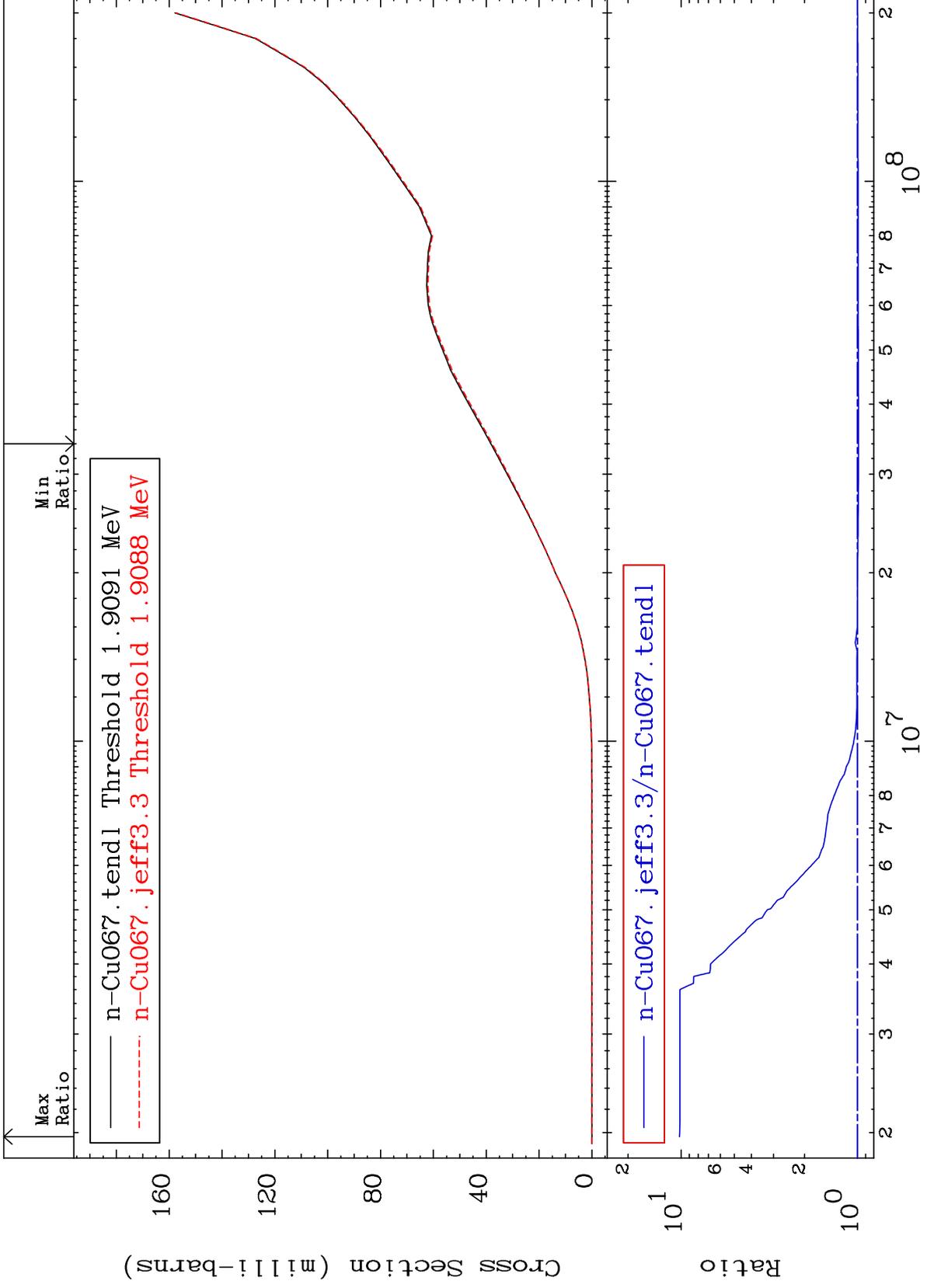
29-Cu-67



MAT 2937

He-4 Production
Cross Section

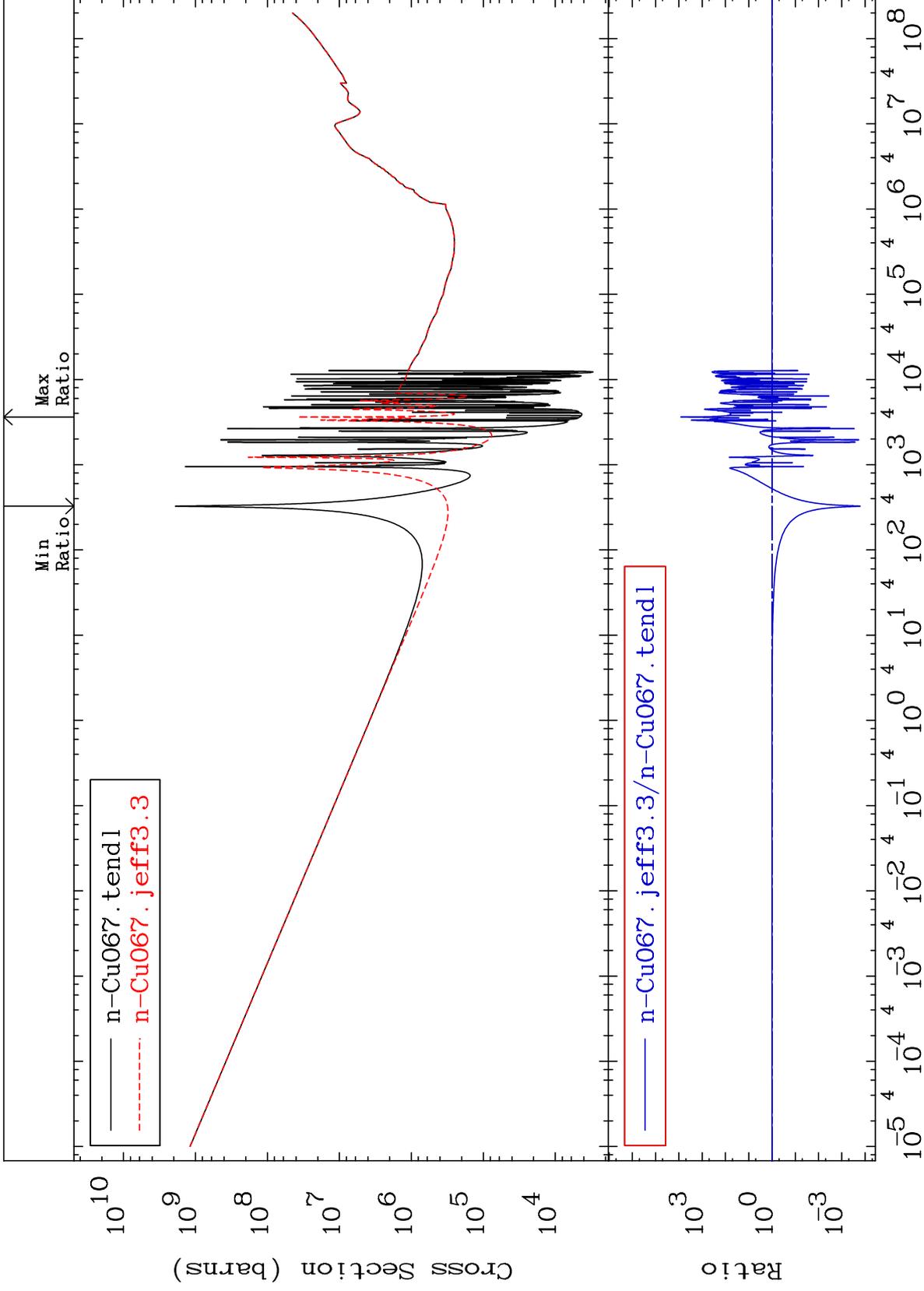
29-Cu-67
-1.266 To 921.3 %



67

Incident Energy (eV)

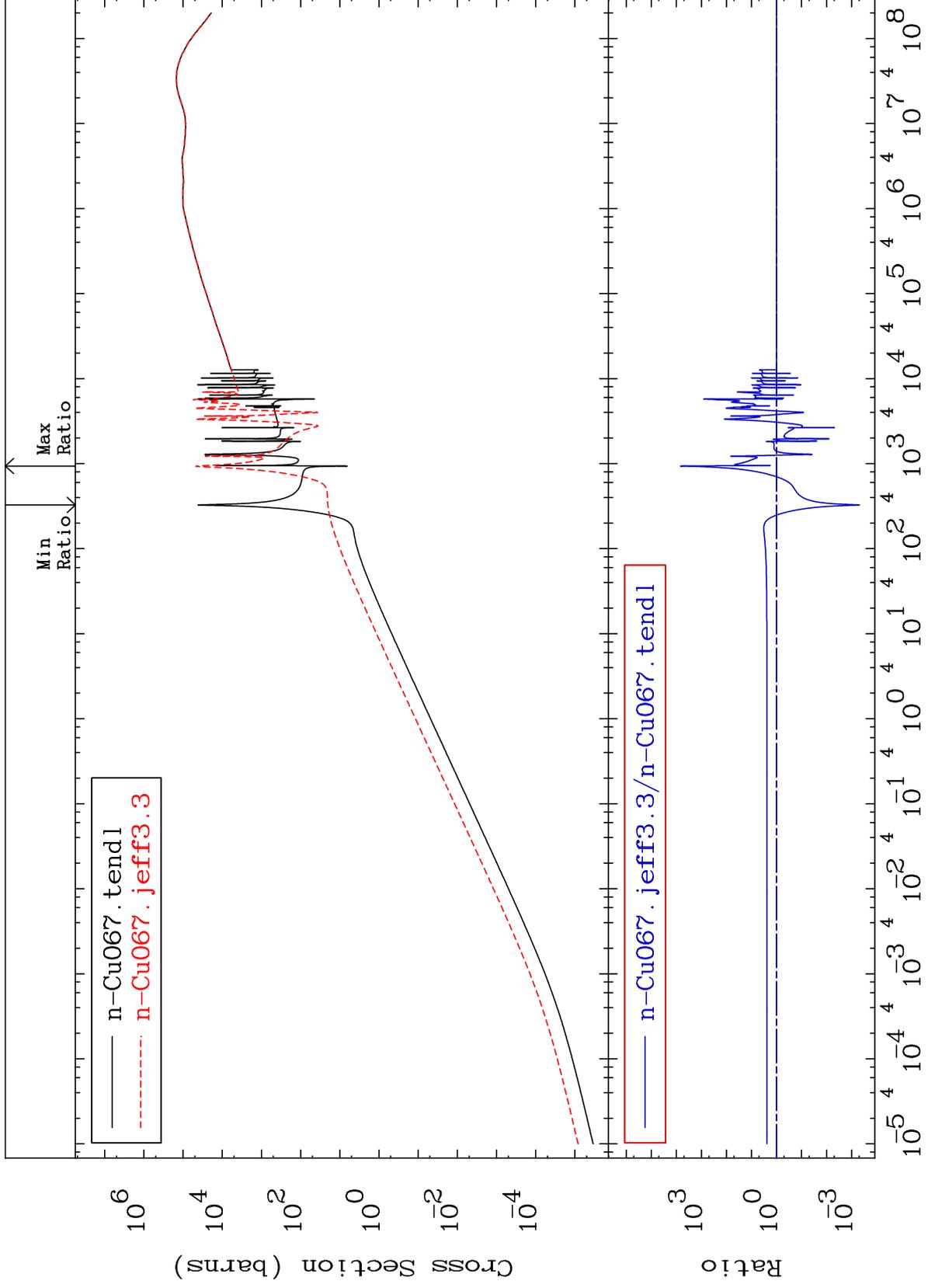
29-Cu-67



MAT 2937

Kerma elastic
Cross Section

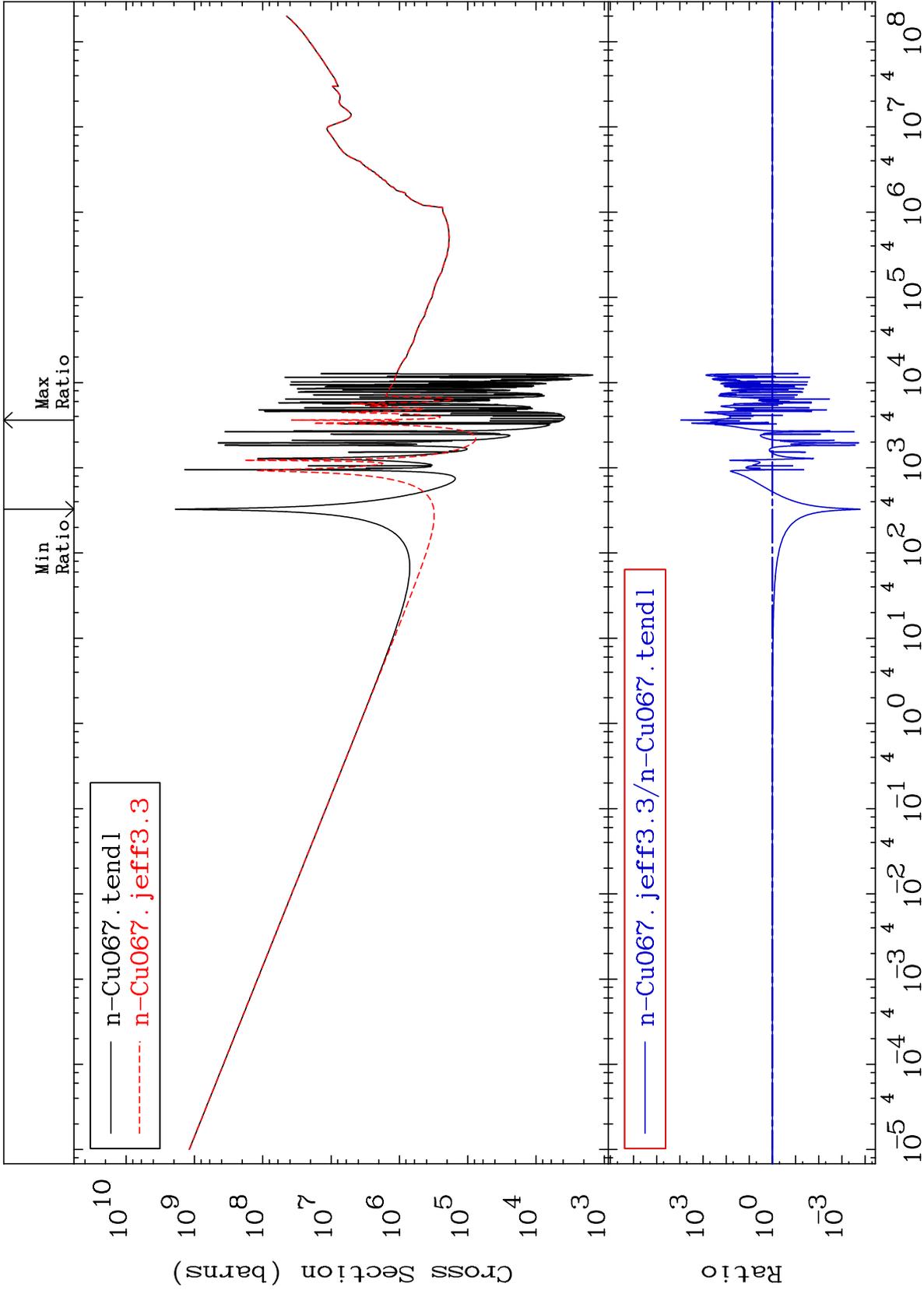
29-Cu-67
-99.95 To 9999. %

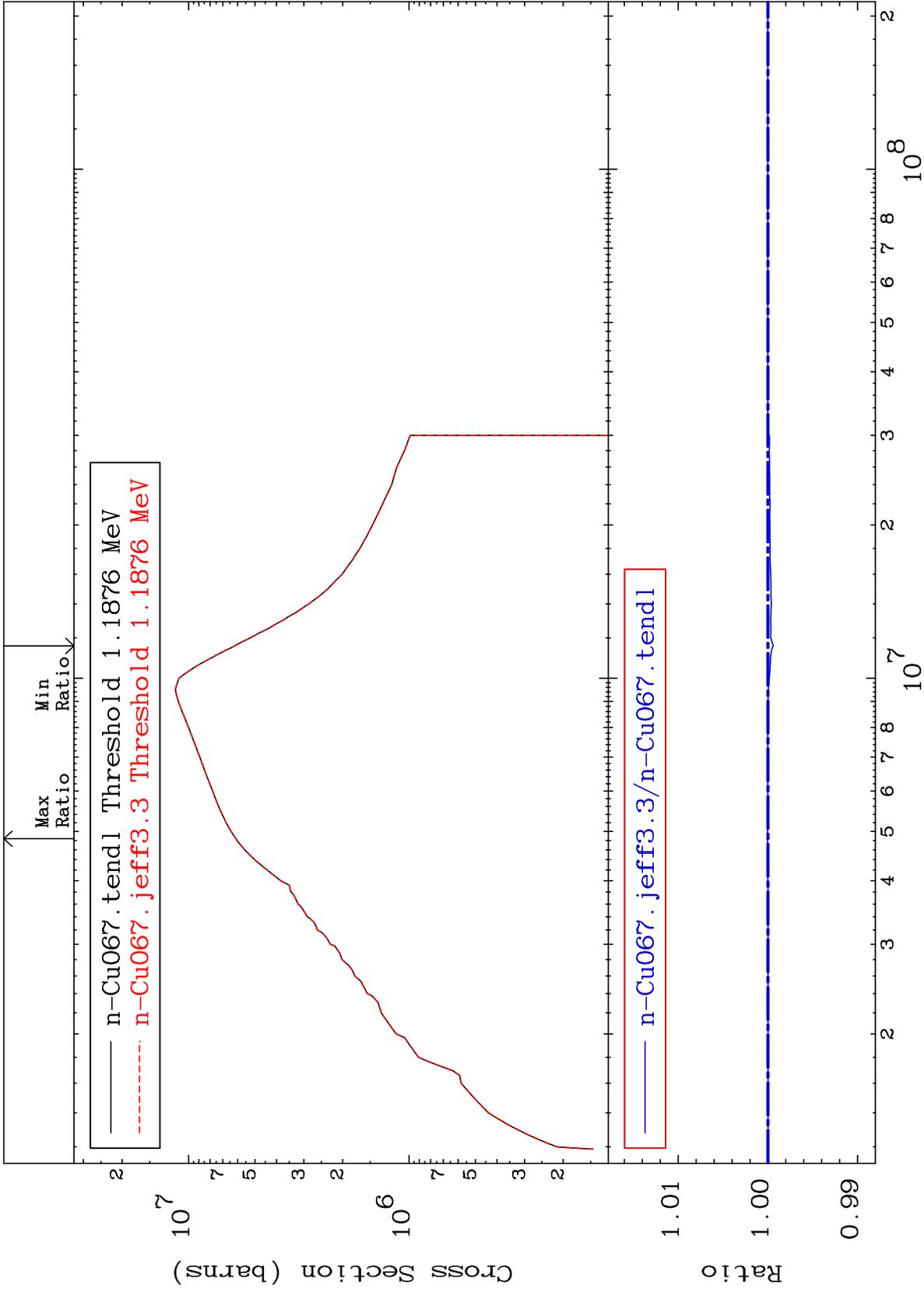


69

Incident Energy (eV)

29-Cu-67

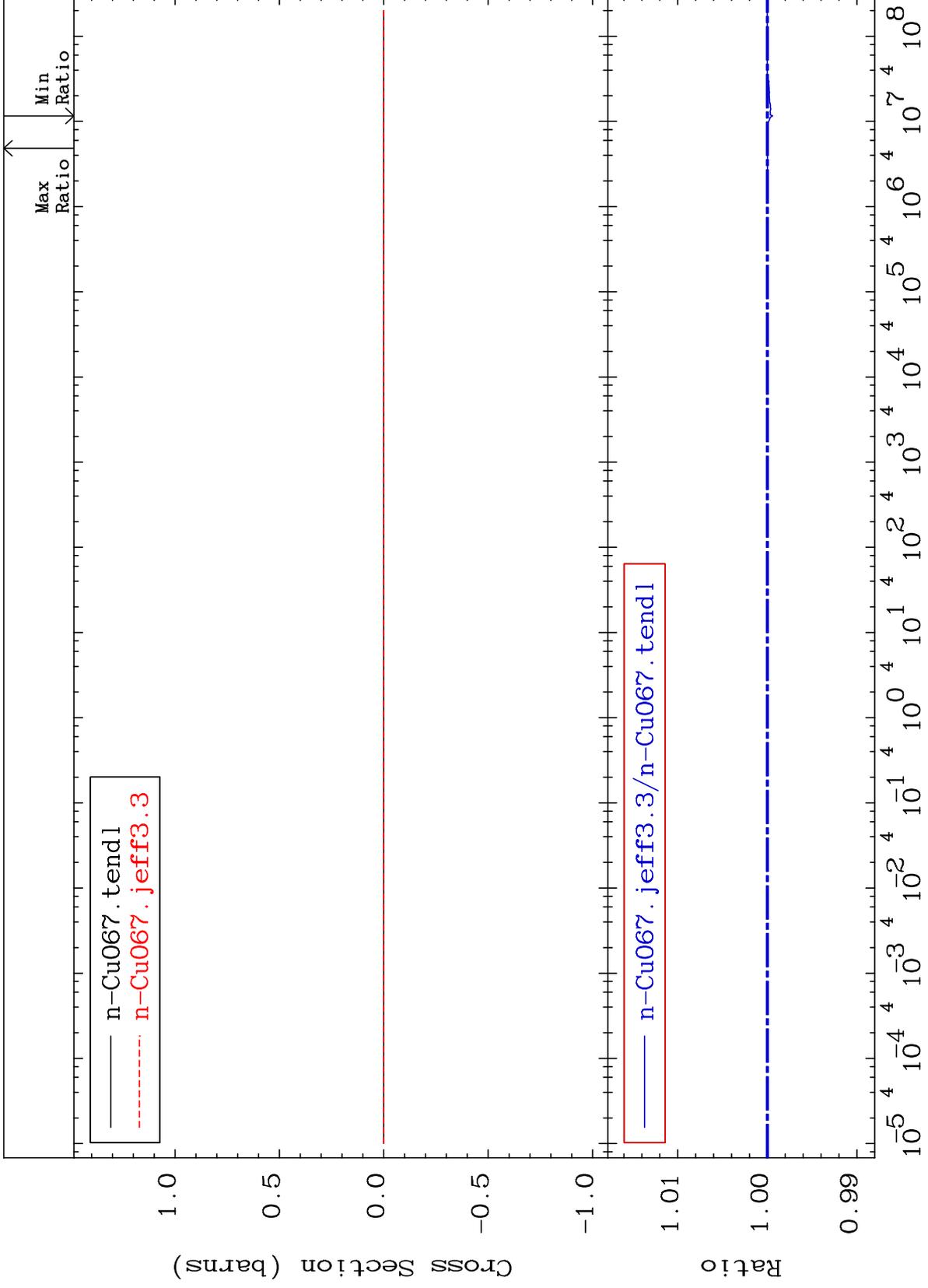




MAT 2937

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

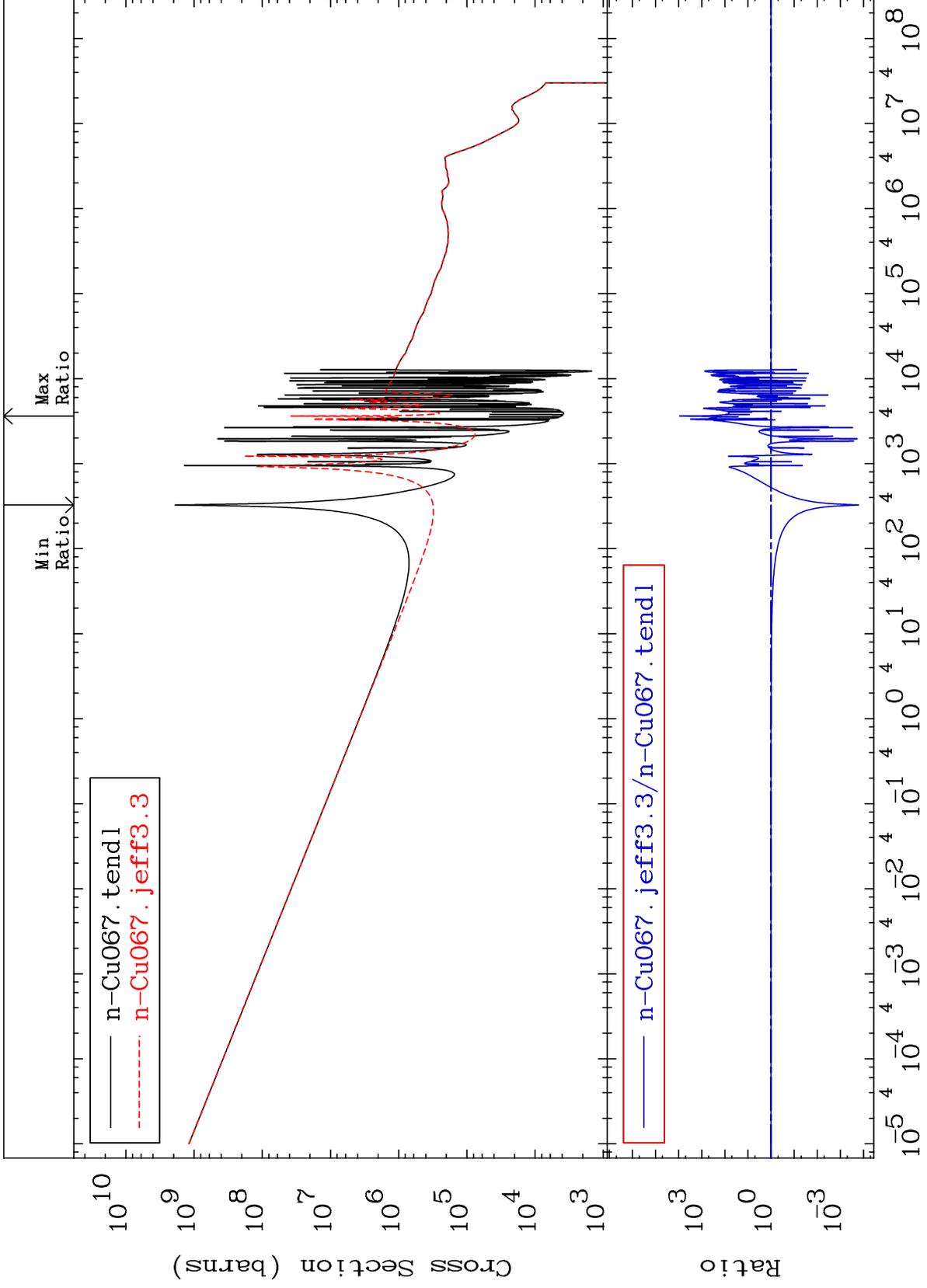
29-Cu-67
-0.060 To 0.004 %



MAT 2937

Kerma capture (mt102)
Cross Section

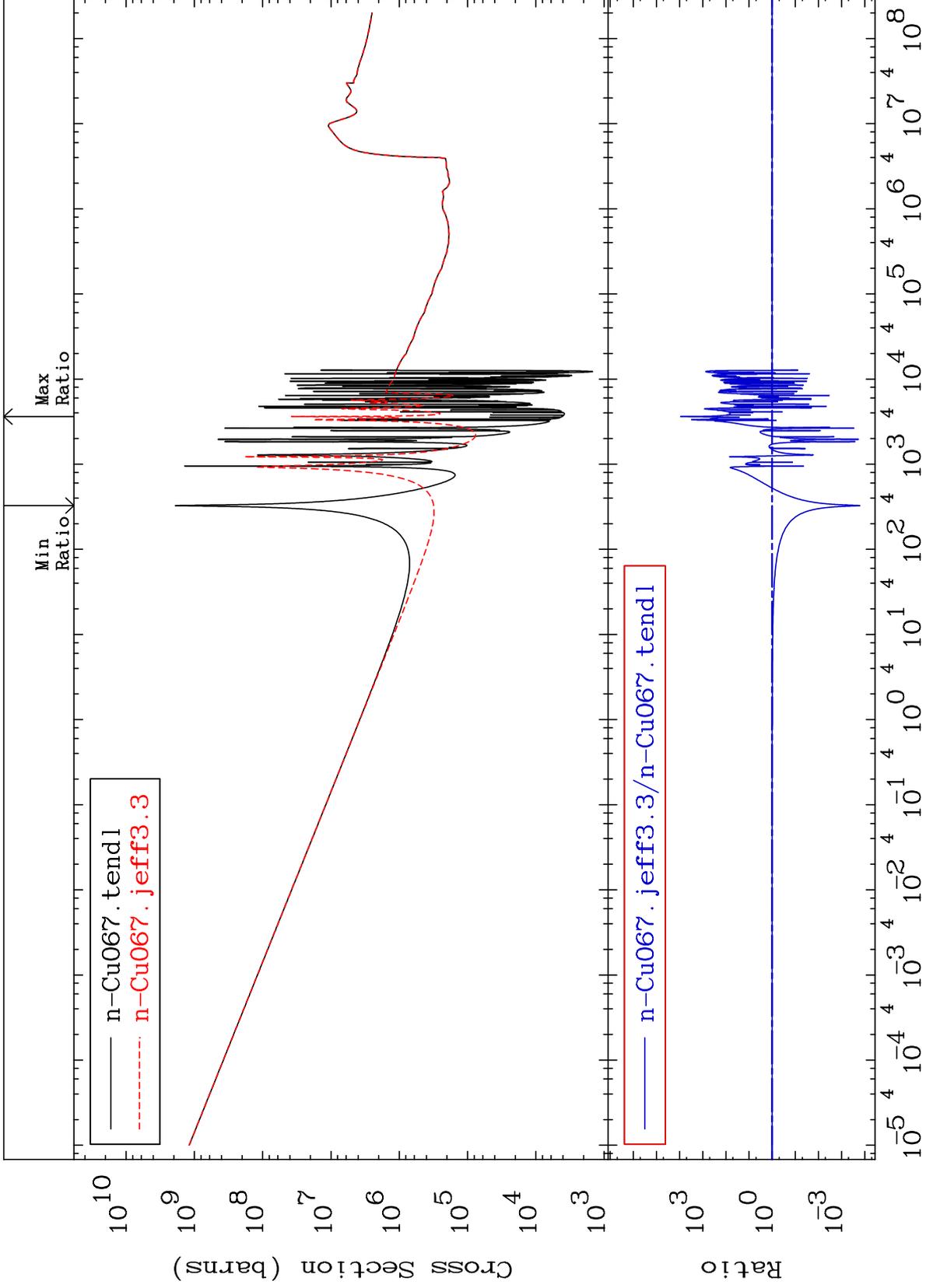
29-Cu-67
-99.98 To 9999. %



73

Incident Energy (eV)

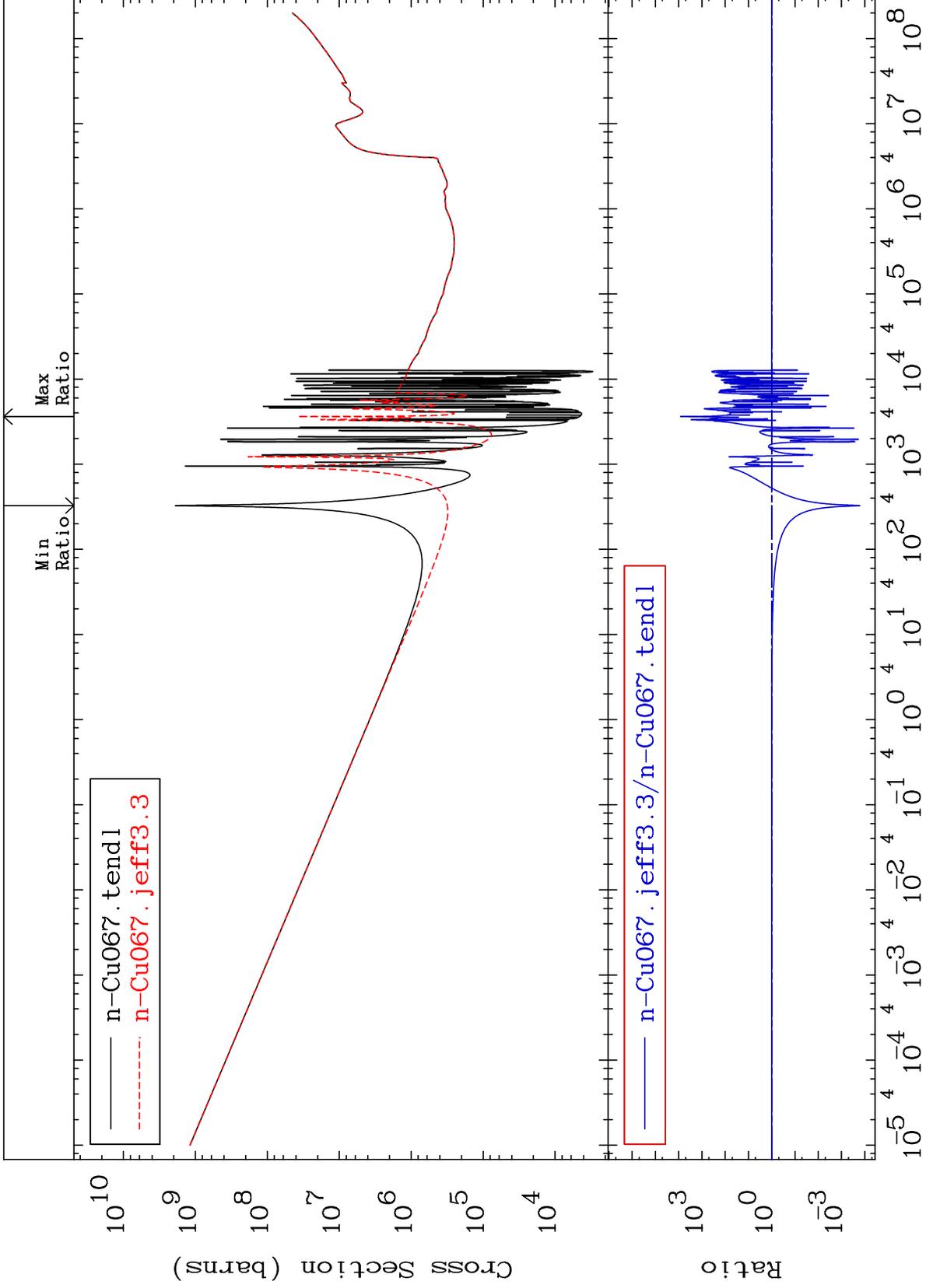
29-Cu-67



MAT 2937

Total kinematic kerma (high limit)
Cross Section

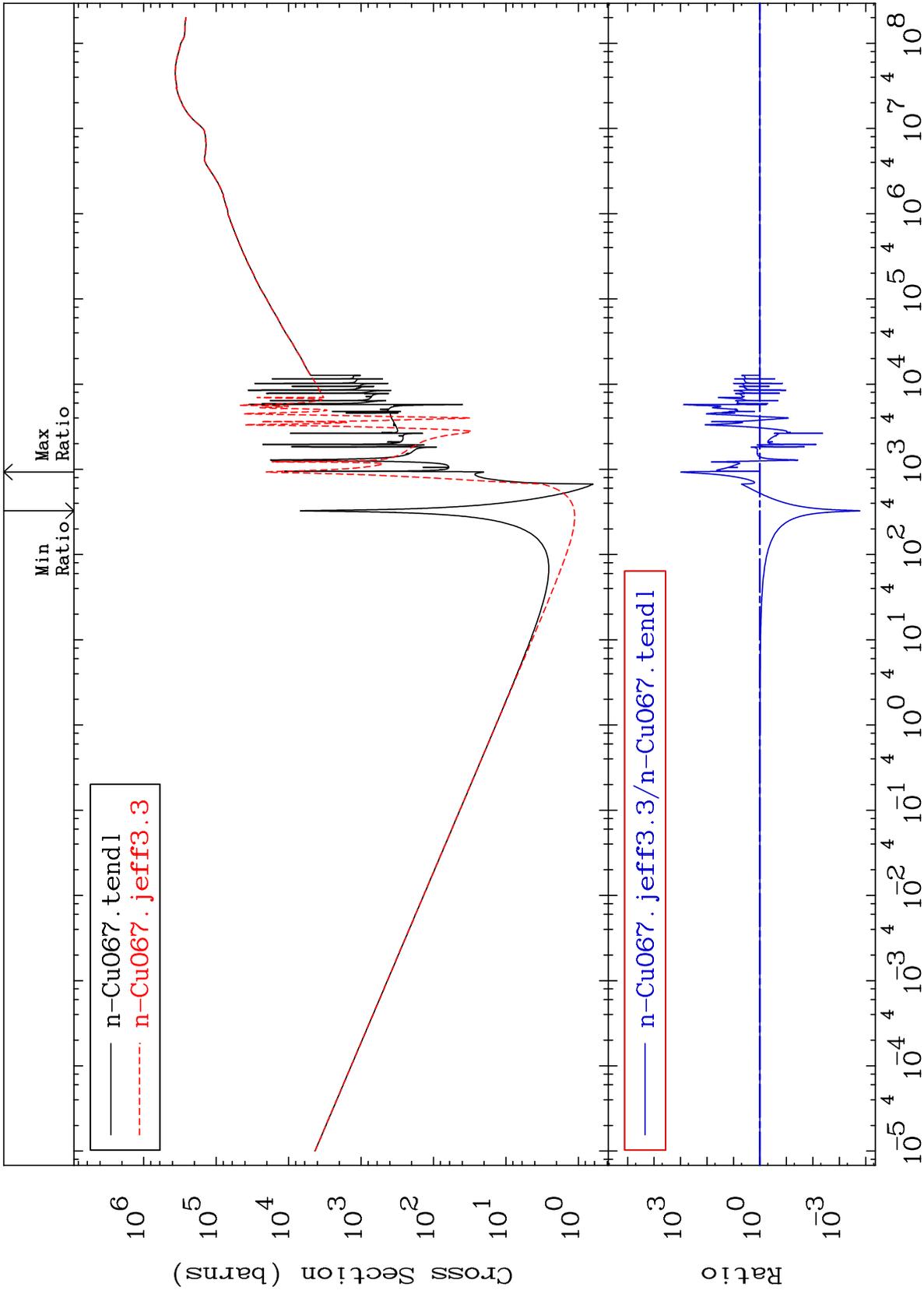
29-Cu-67
-99.98 To 9999. %

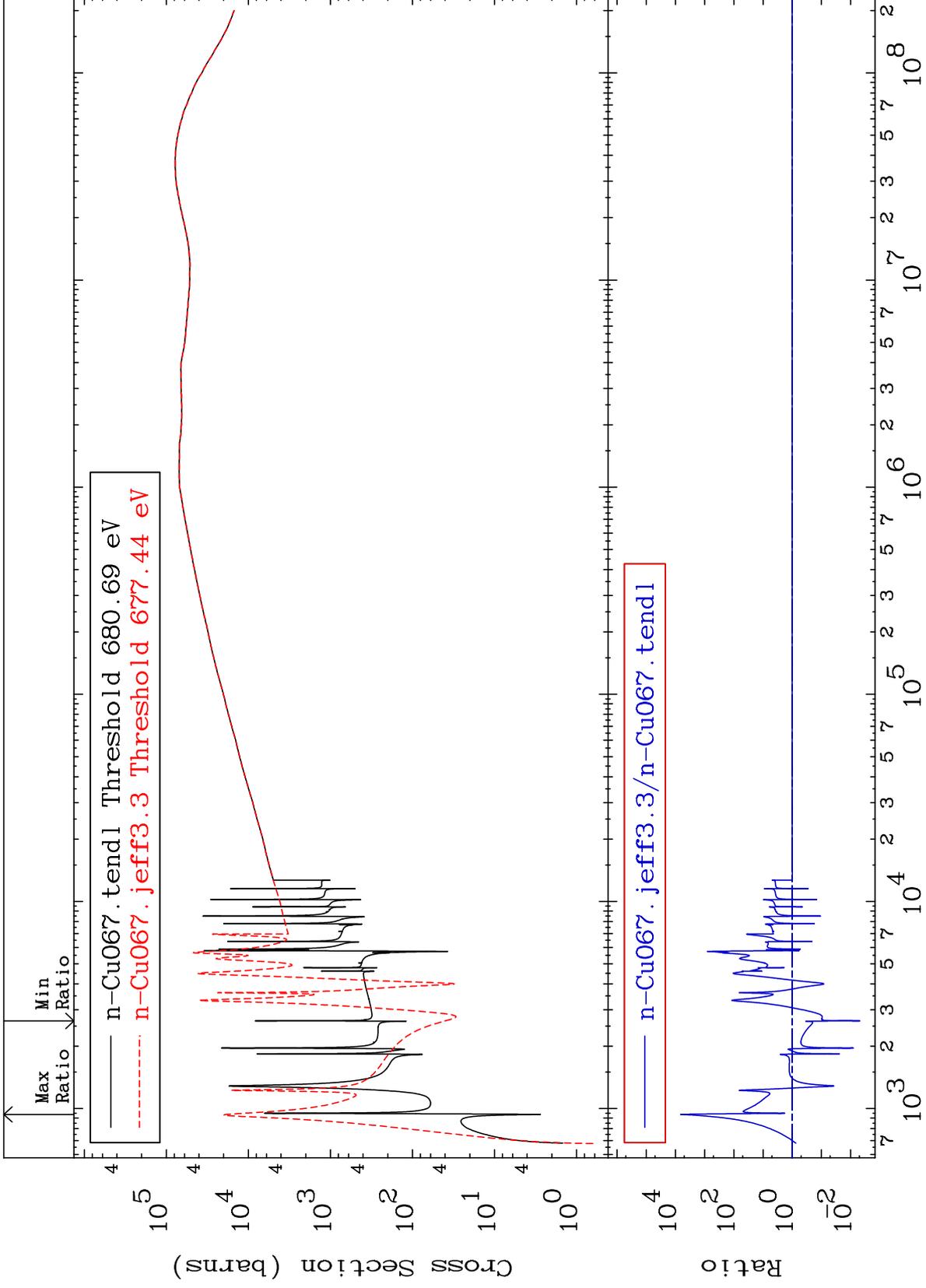


75

Incident Energy (eV)

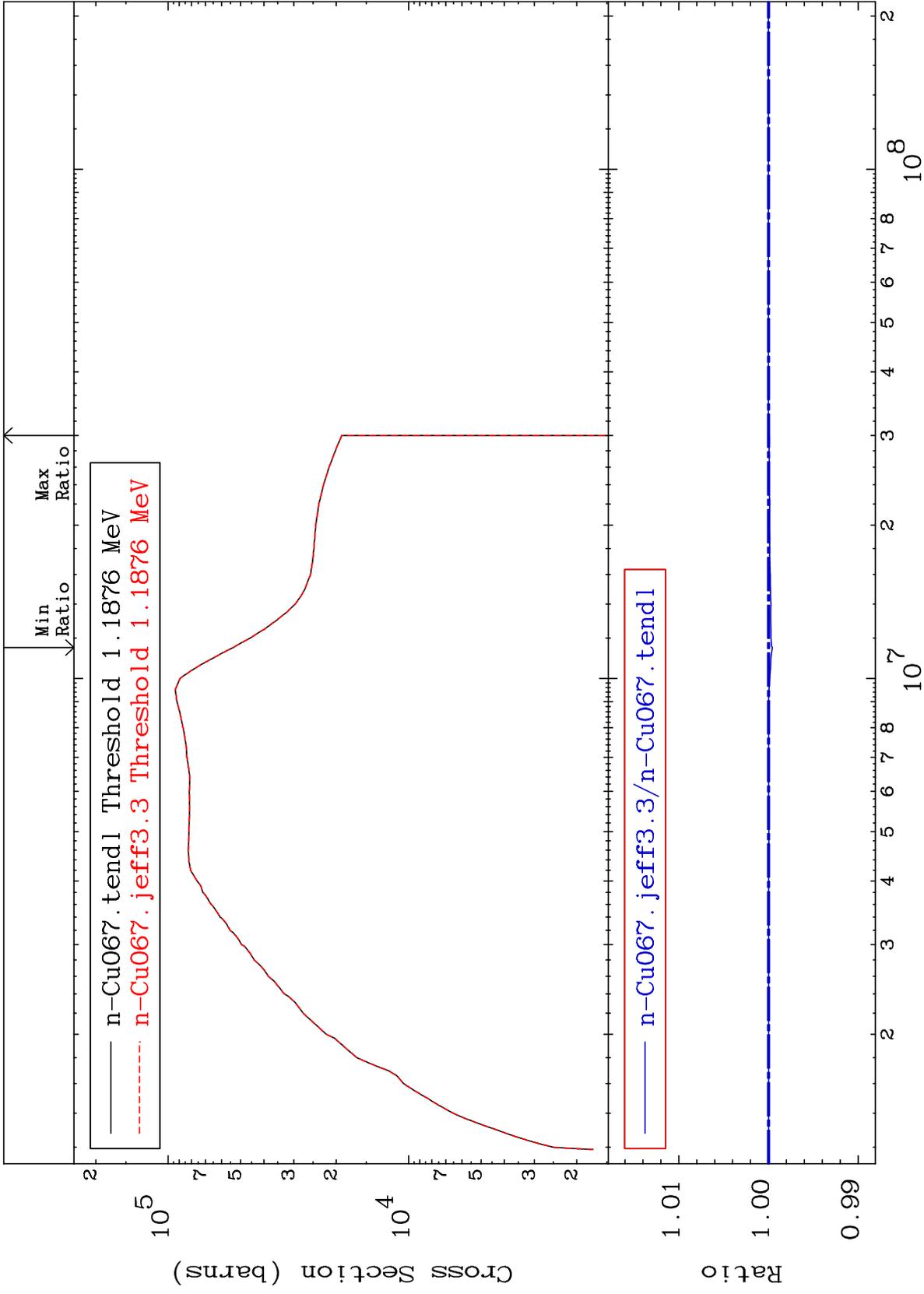
29-Cu-67

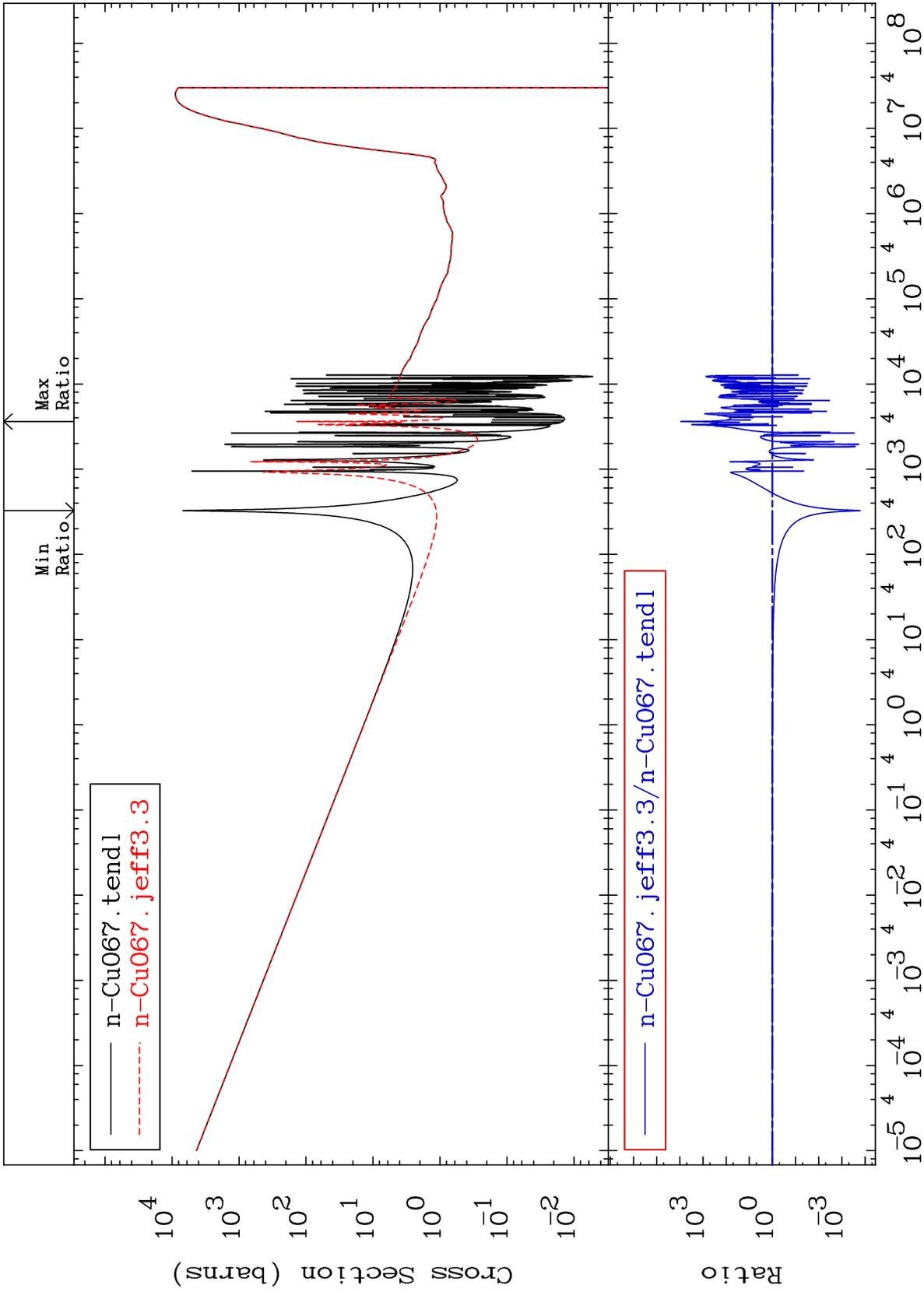




-0.044 To 0.000 %

Cross Section



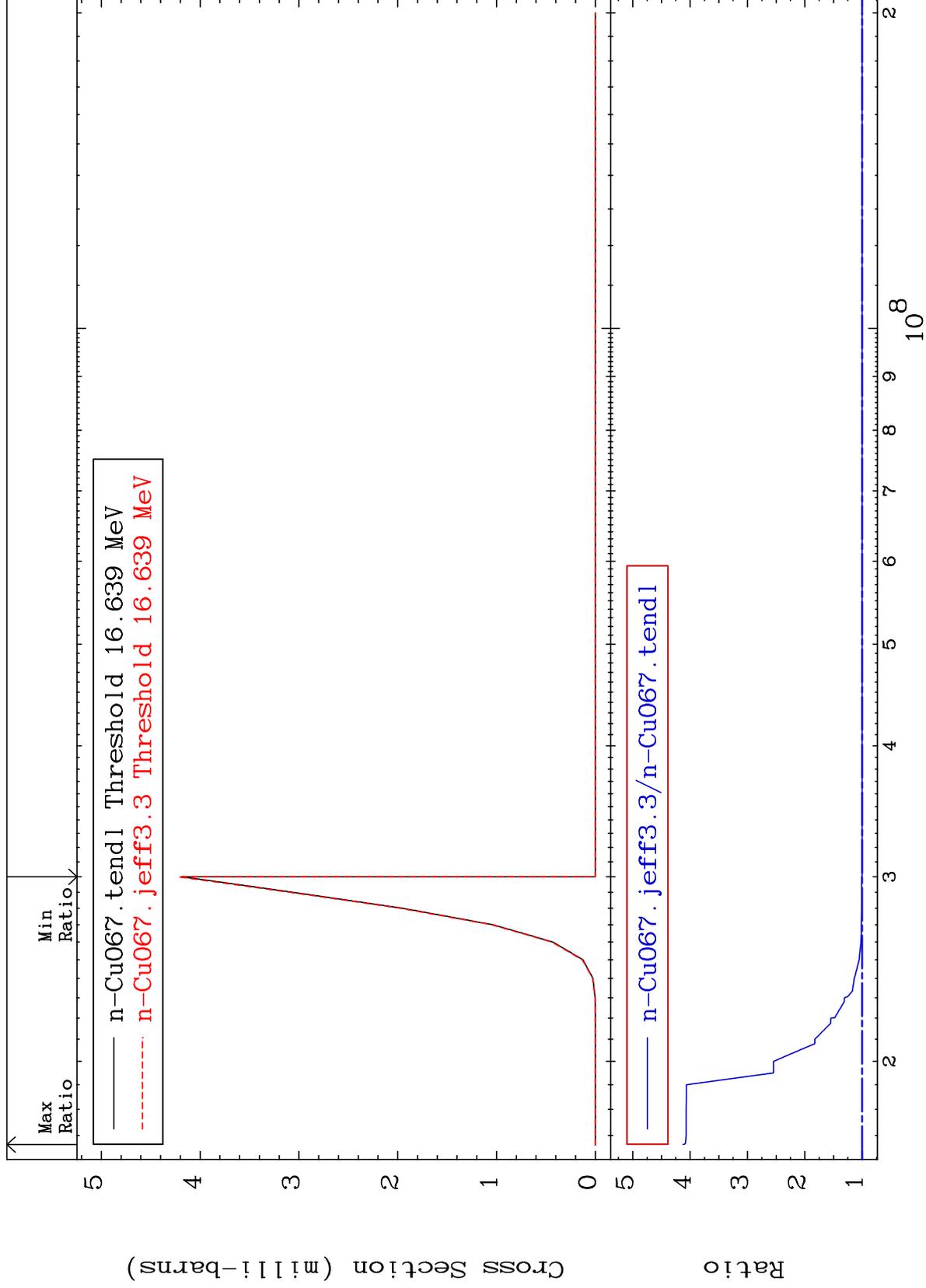


MAT 2937

29-Cu-67

(n,2n) α :27-Co-62g

Radionuclide Production Cross Section 0.000 To 312.3 %



80

Incident Energy (eV)

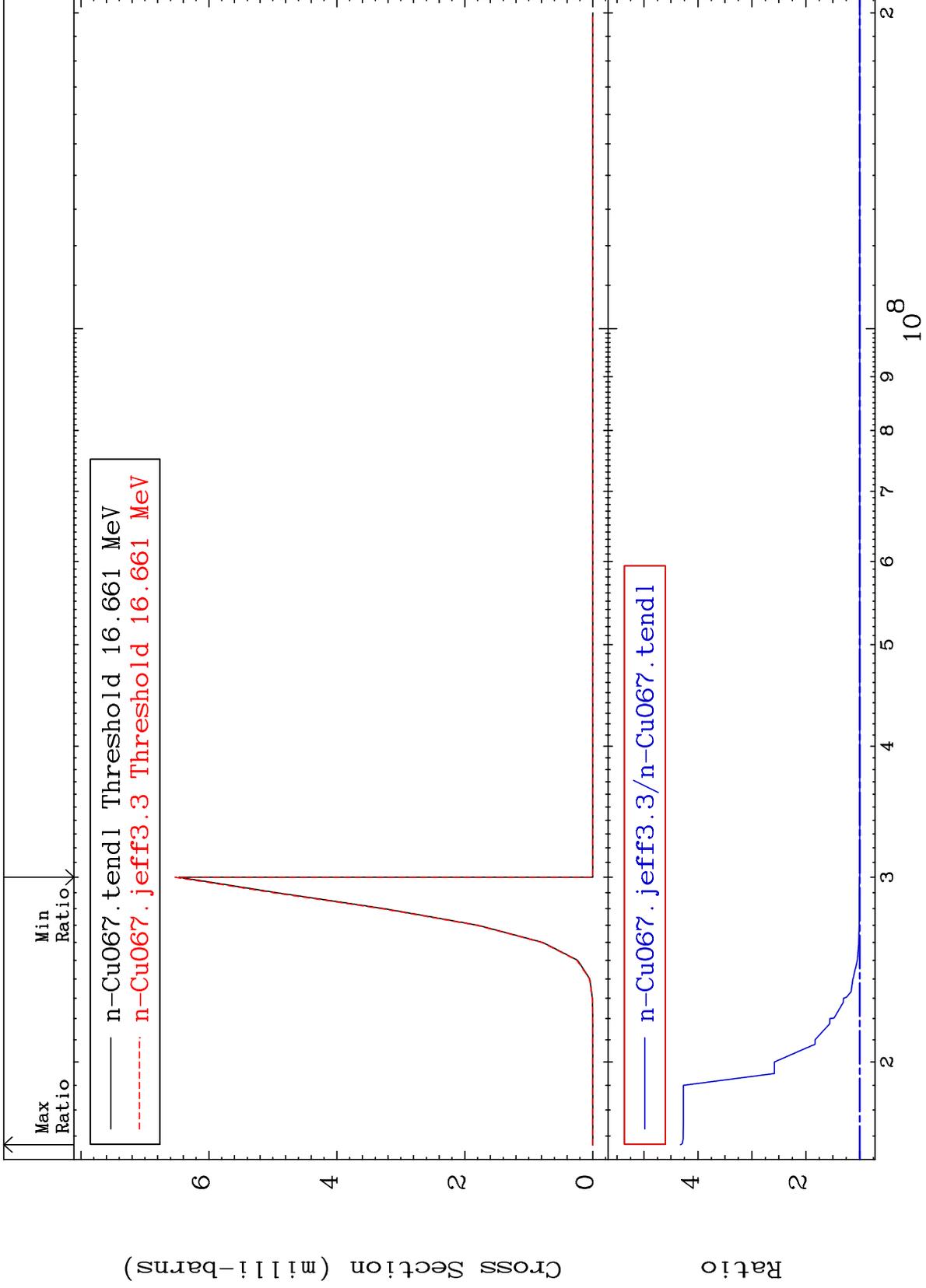
29-Cu-67

MAT 2937

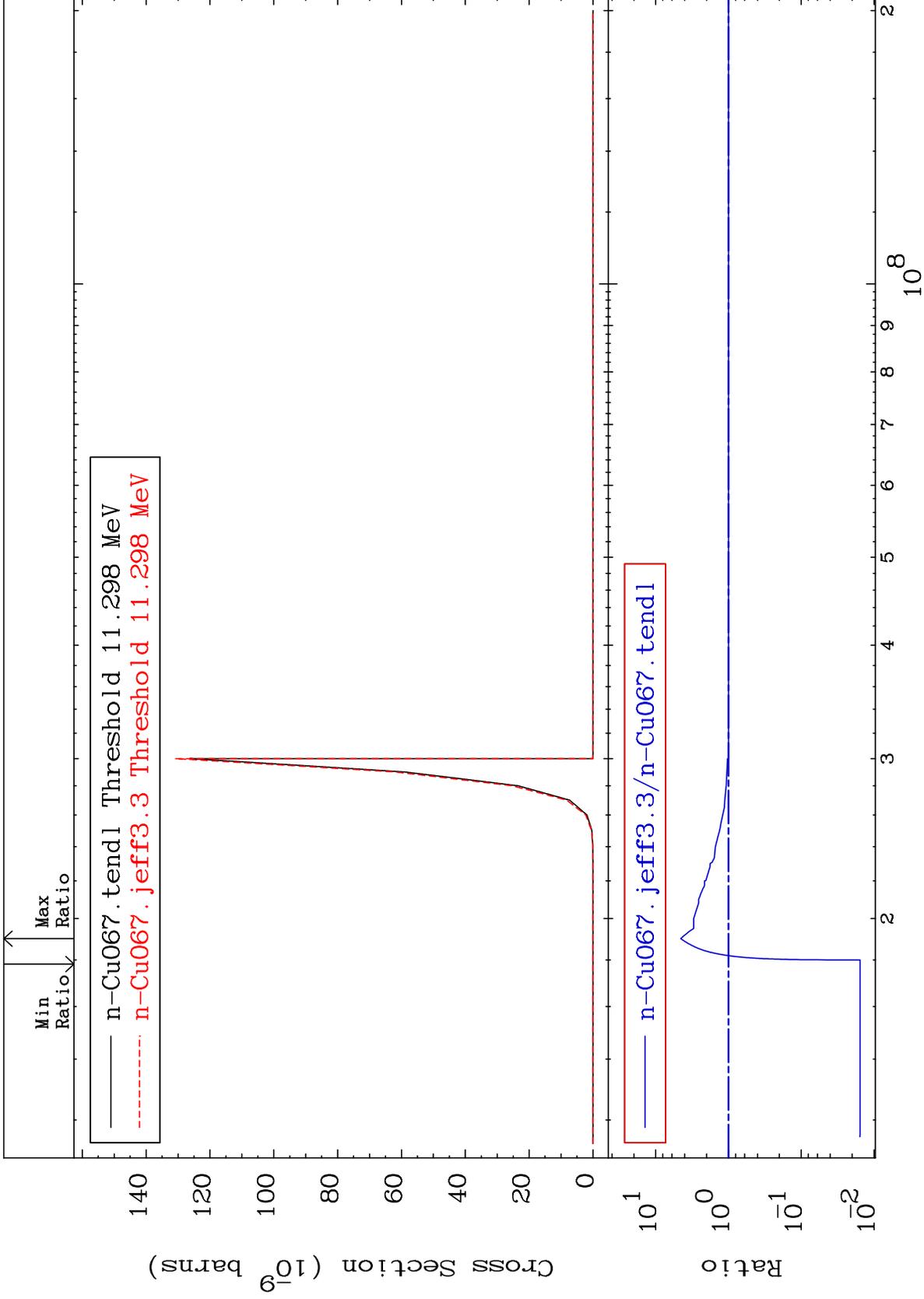
(n,2n) α :27-Co-62m1

29-Cu-67

Radionuclide Production Cross Section 0.000 To 332.3 %



Radionuclide Production Cross Section -98.45 To 353.1 %



MAT 2937

(n,2α):25-Mn-60m1

29-Cu-67

Radionuclide Production Cross Section 0.000 To 432.1 %

