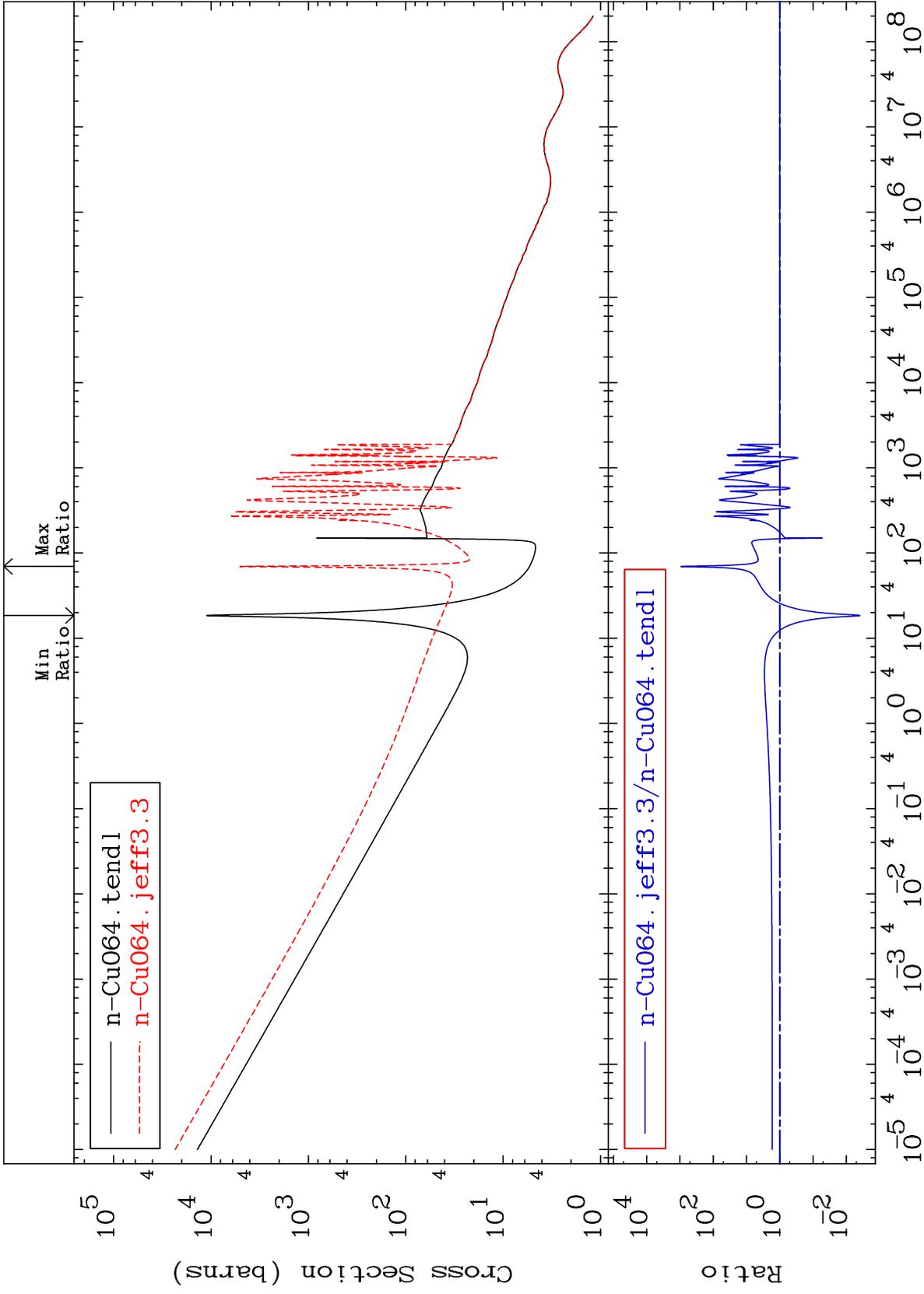


MAT 2928

Total
Cross Section

29-Cu-64
-99.61 To 9999. %



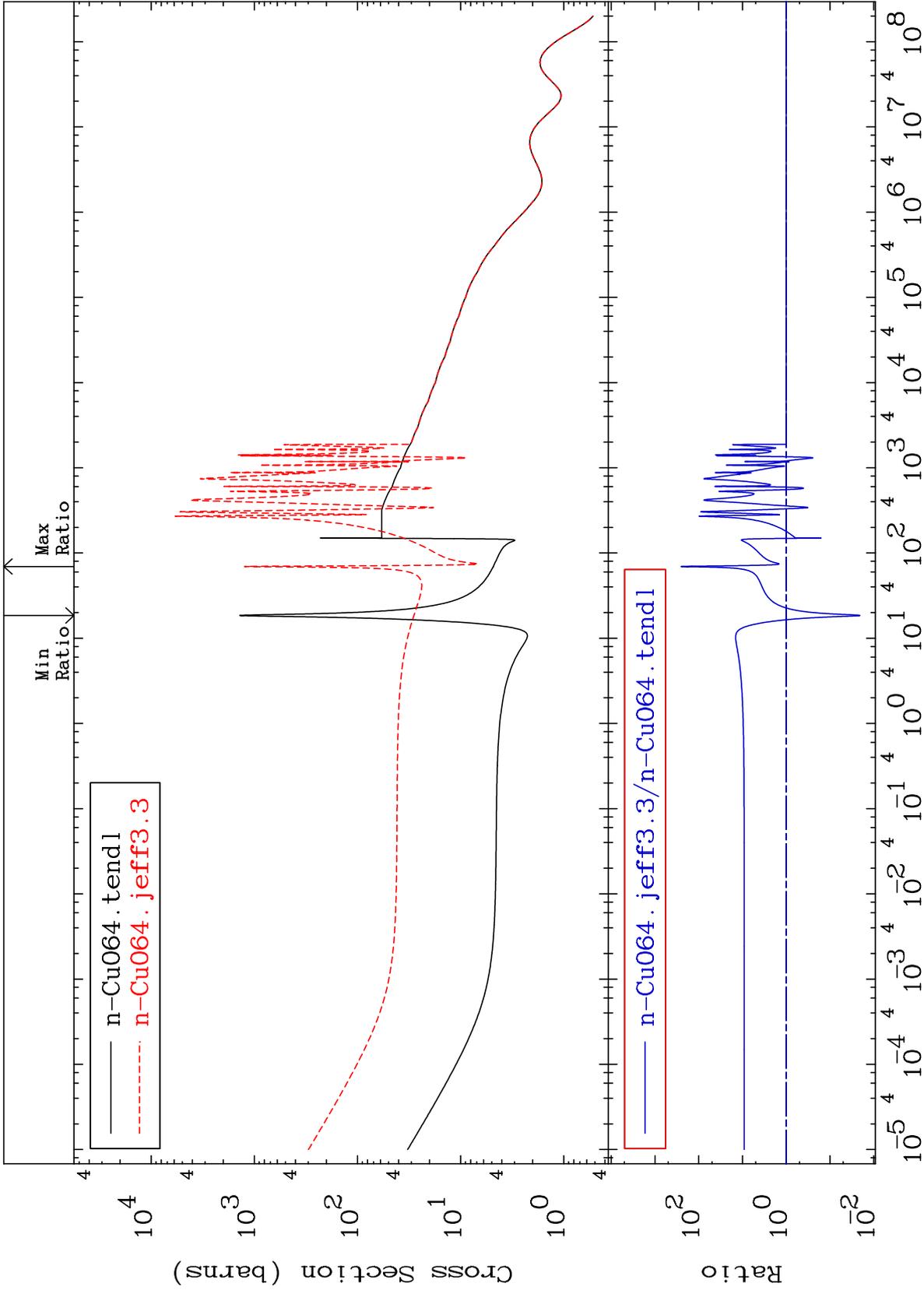
29-Cu-64

Incident Energy (eV)

MAT 2928

Elastic Cross Section

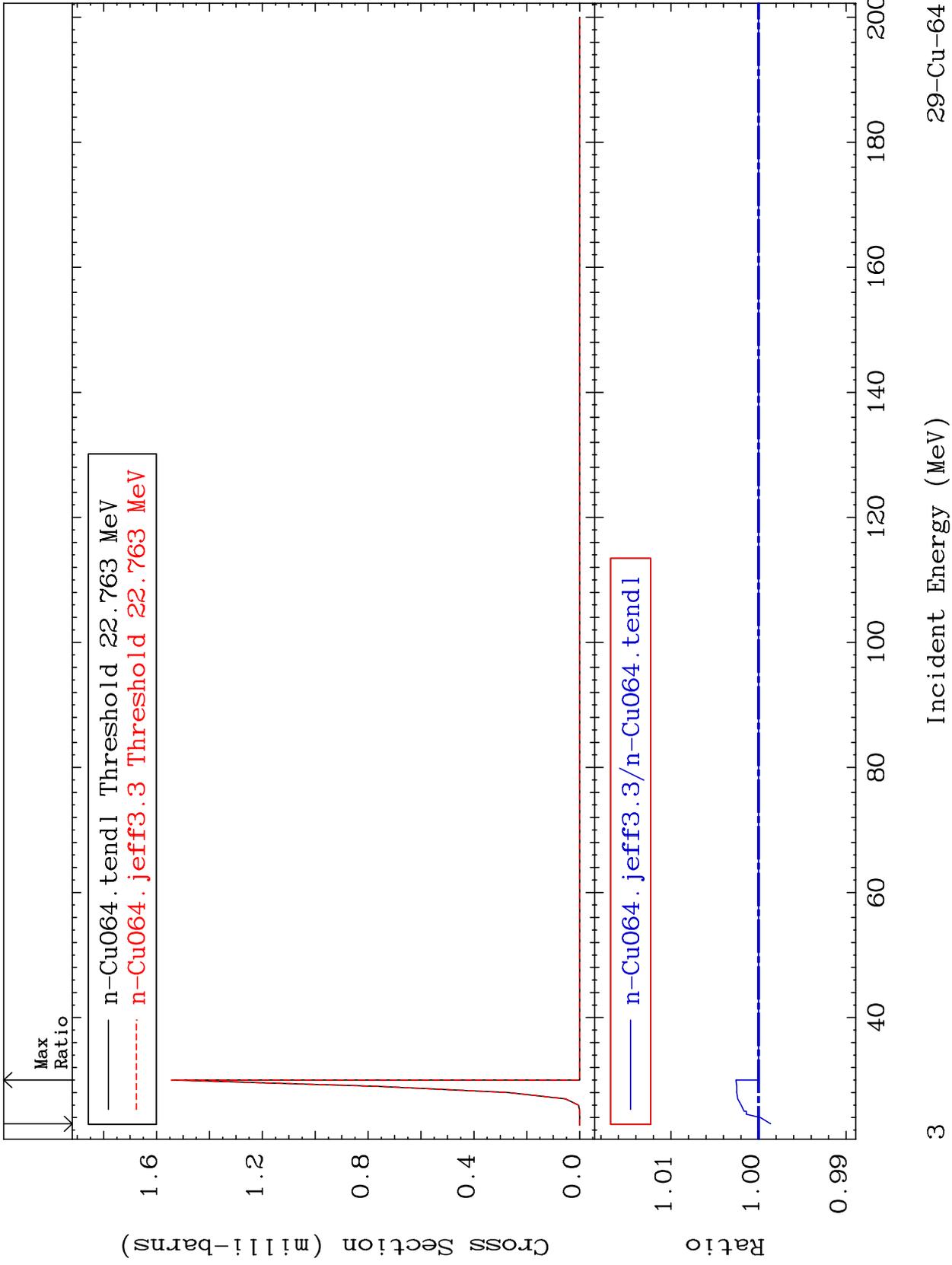
29-Cu-64
-97.95 To 9999. %



MAT 2928

(n,2n) d
Cross Section

²⁹-Cu-64
-0.136 To 0.260 %



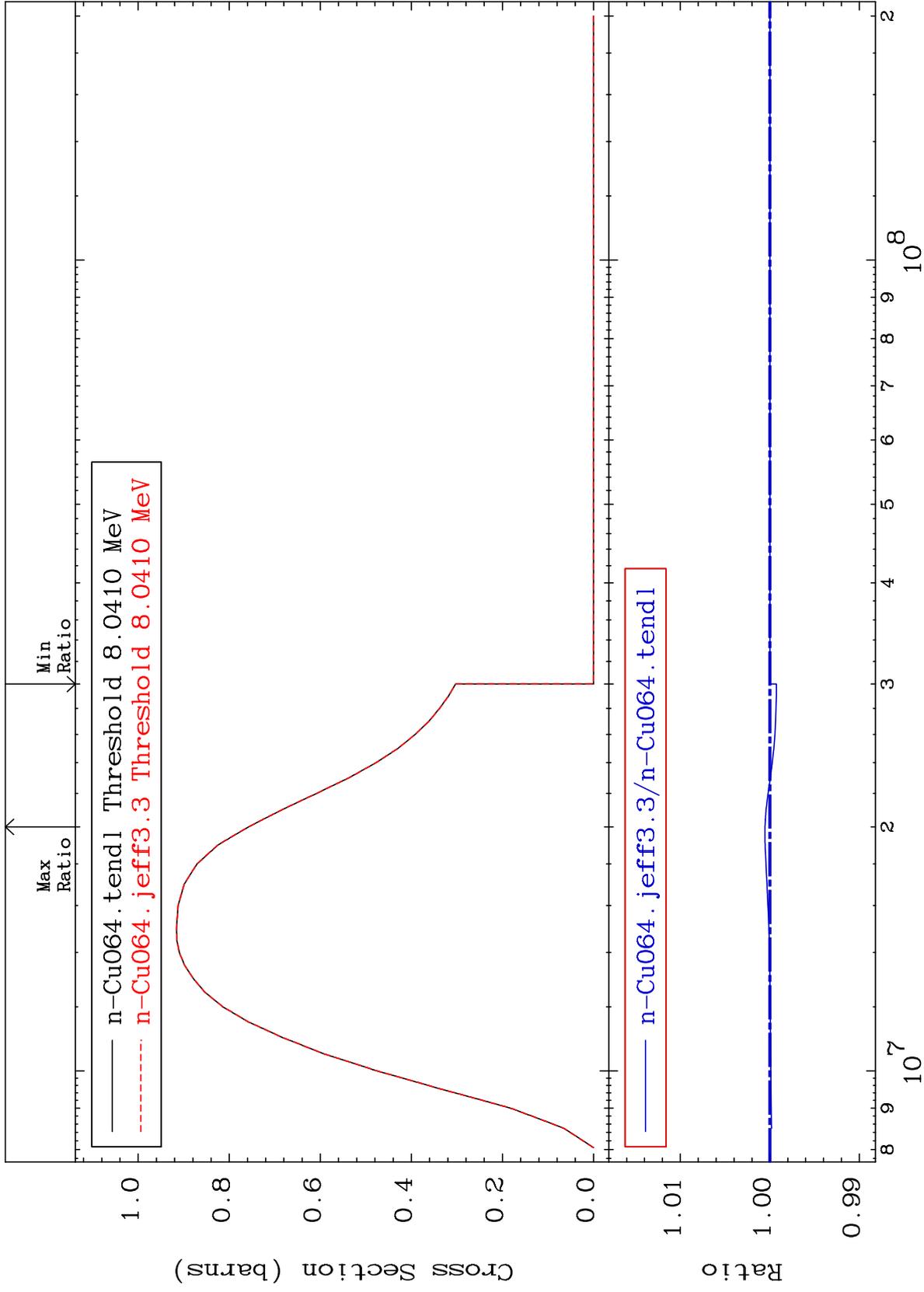
MAT 2928

(n,2n)

29-Cu-64

Cross Section

-0.074 To 0.055 %



MAT 2928

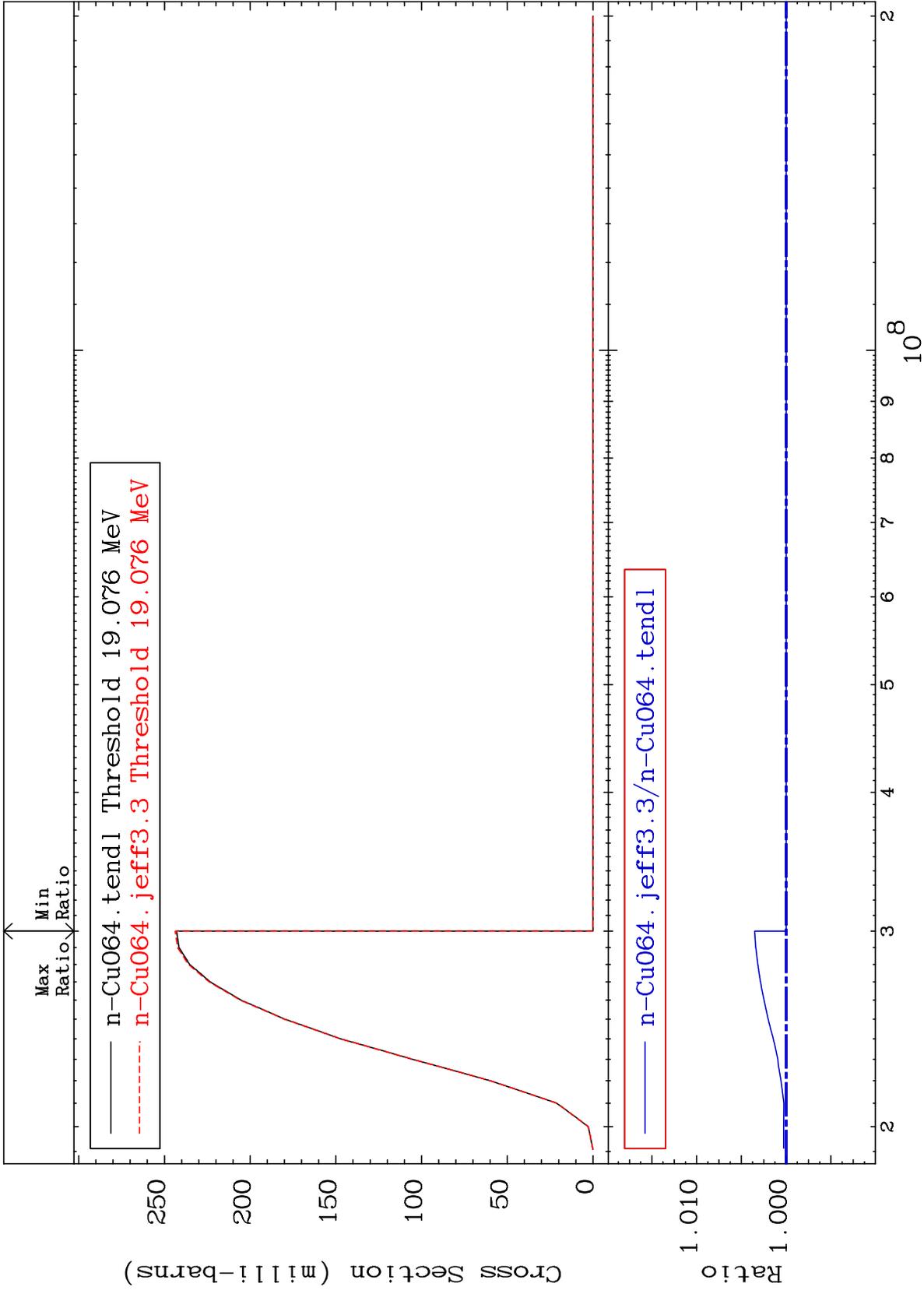
(n,3n)

29-Cu-64

Cross Section

0.000

To 0.351 %



5

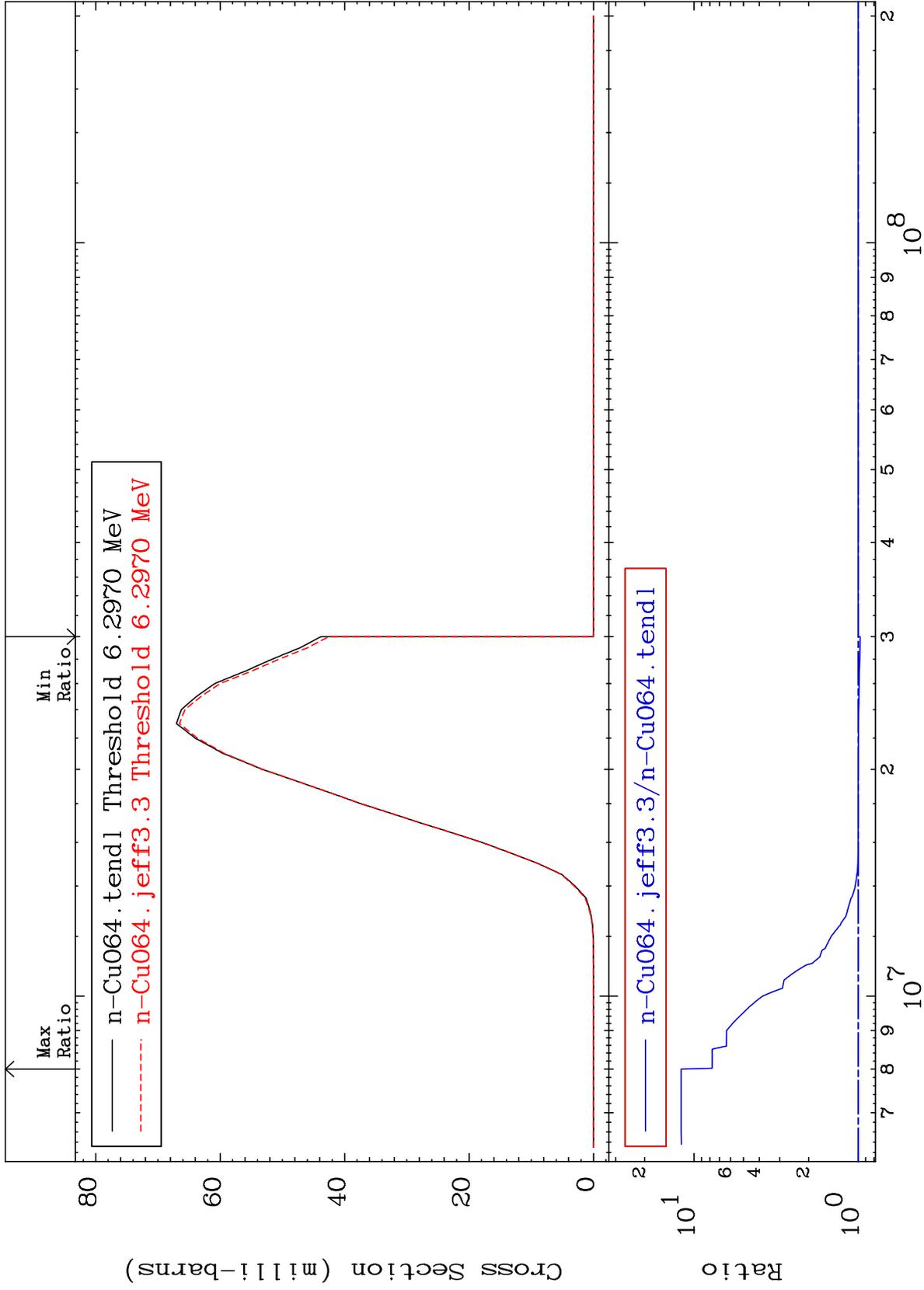
Incident Energy (eV)

29-Cu-64

MAT 2928

(n, n') α
Cross Section

29-Cu-64
-2.880 To 1098. %



6

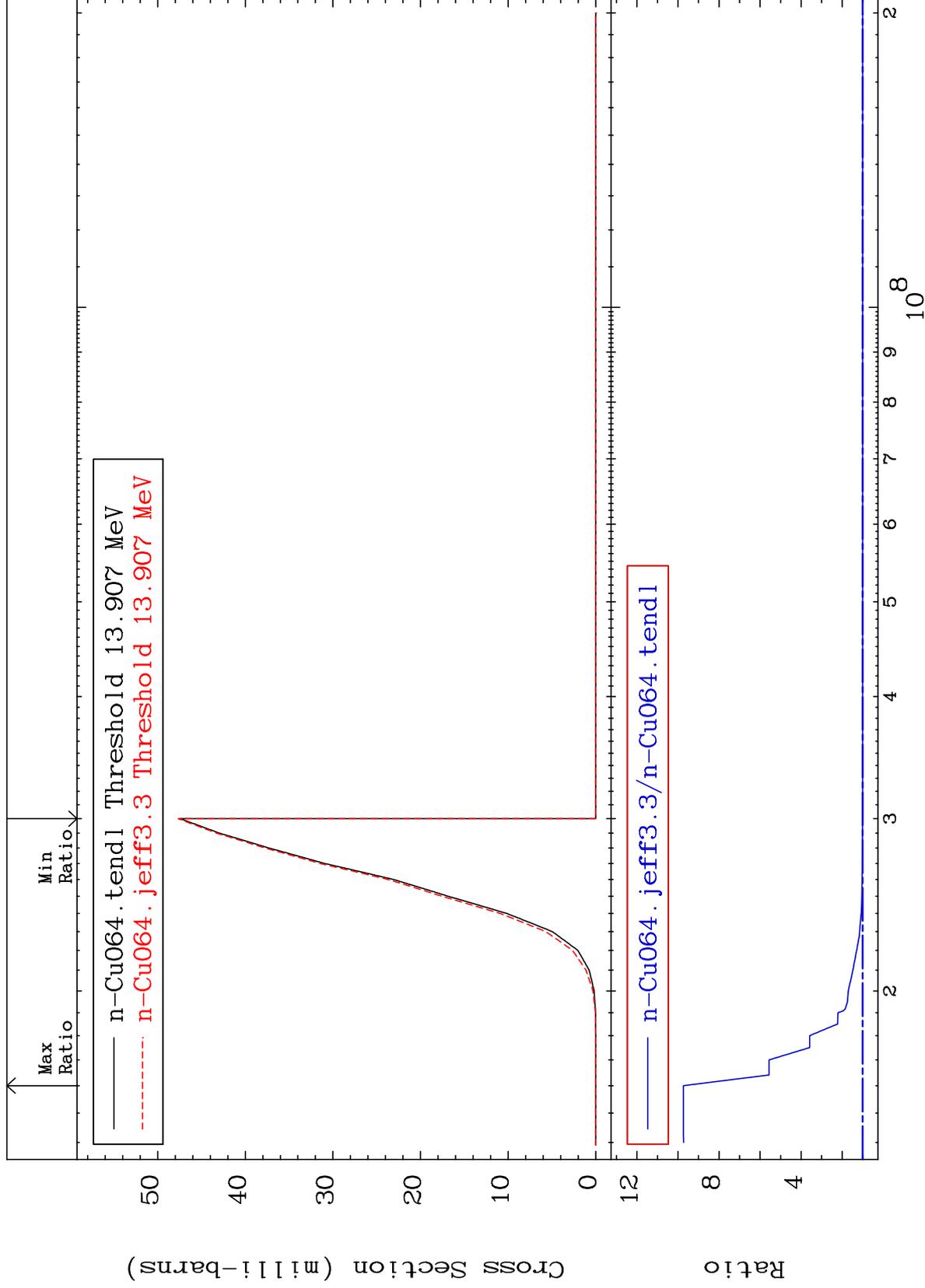
Incident Energy (eV)

29-Cu-64

MAT 2928

(n,2n) α
Cross Section

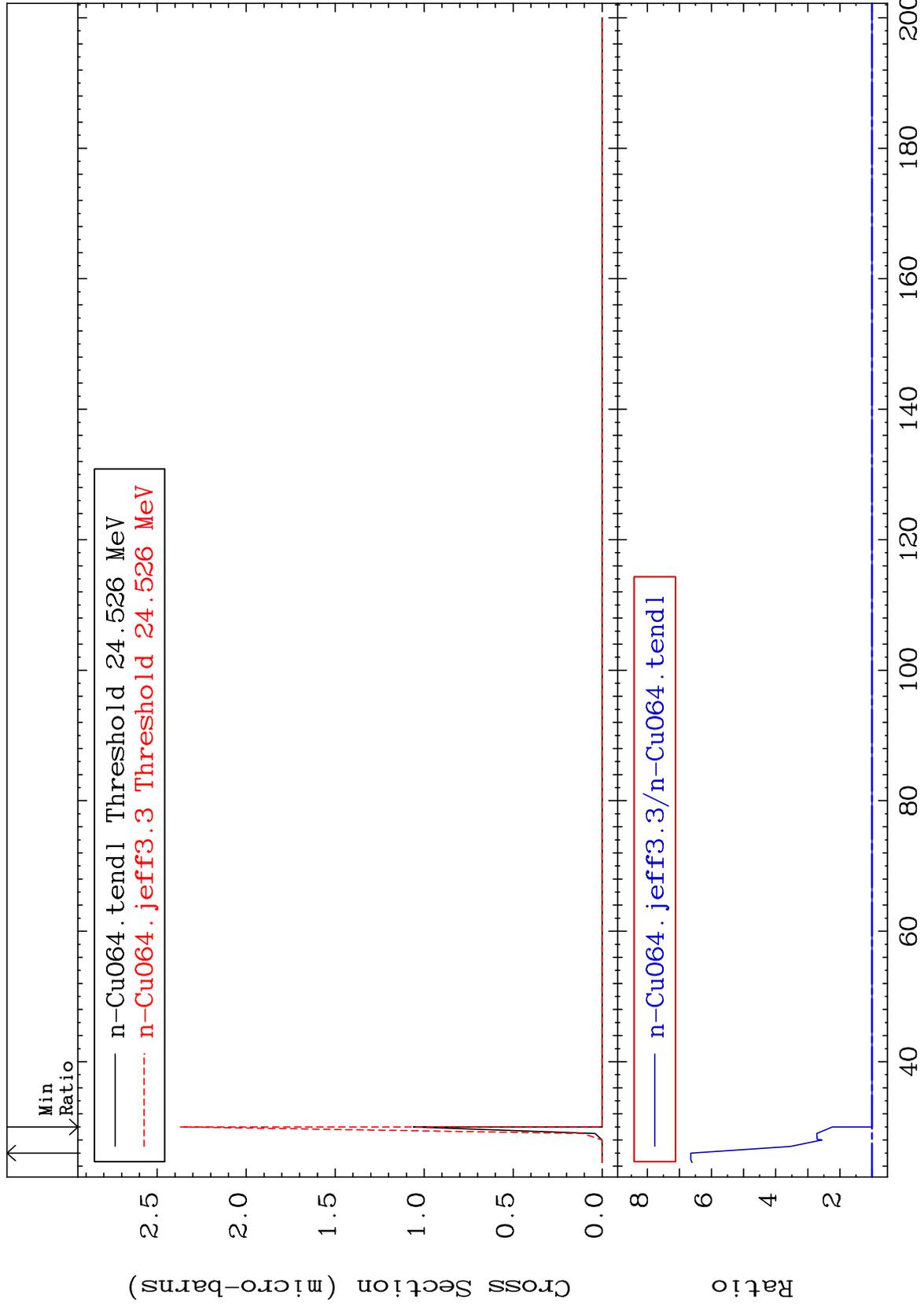
29-Cu-64
To 873.4 %
0.000



MAT 2928

(n,3n) α
Cross Section

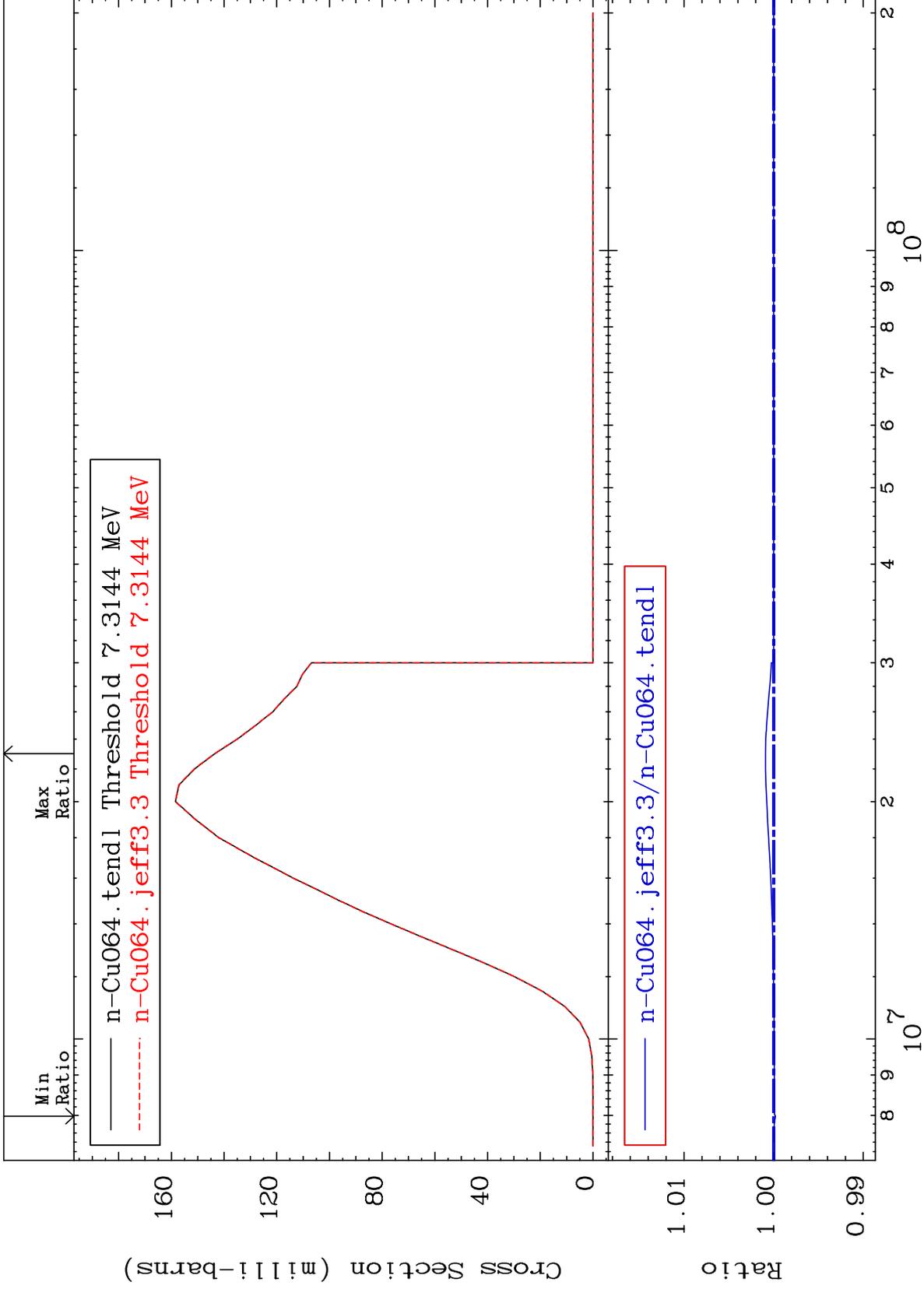
29-Cu-64
0.000 To 564.3 %



MAT 2928

(n,n') p
Cross Section

29-Cu-64
-0.019 To 0.092 %



9

Incident Energy (eV)

29-Cu-64

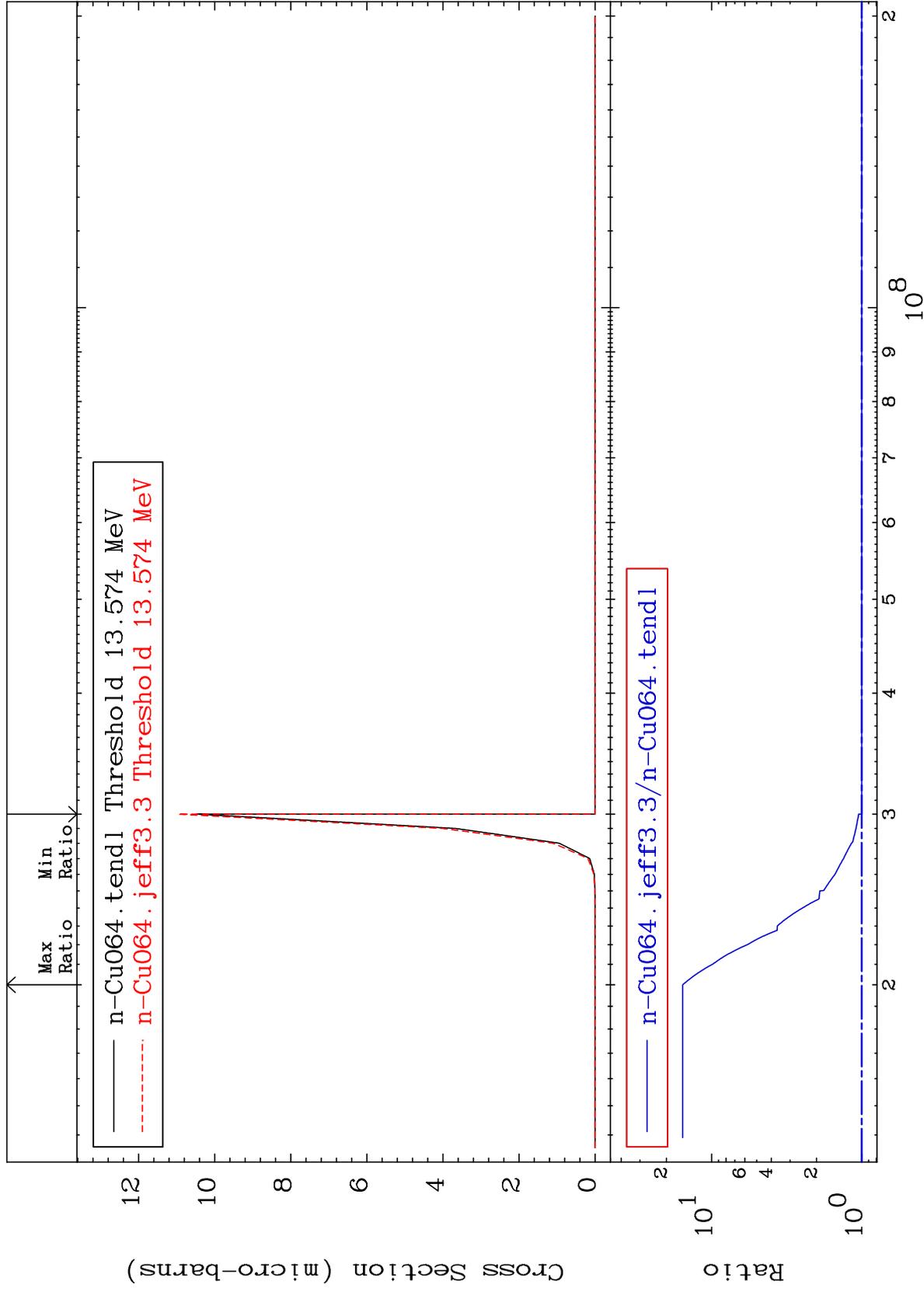
MAT 2928

(n, n') 2α

29-Cu-64

Cross Section

0.000 To 1456. %



10

Incident Energy (eV)

29-Cu-64

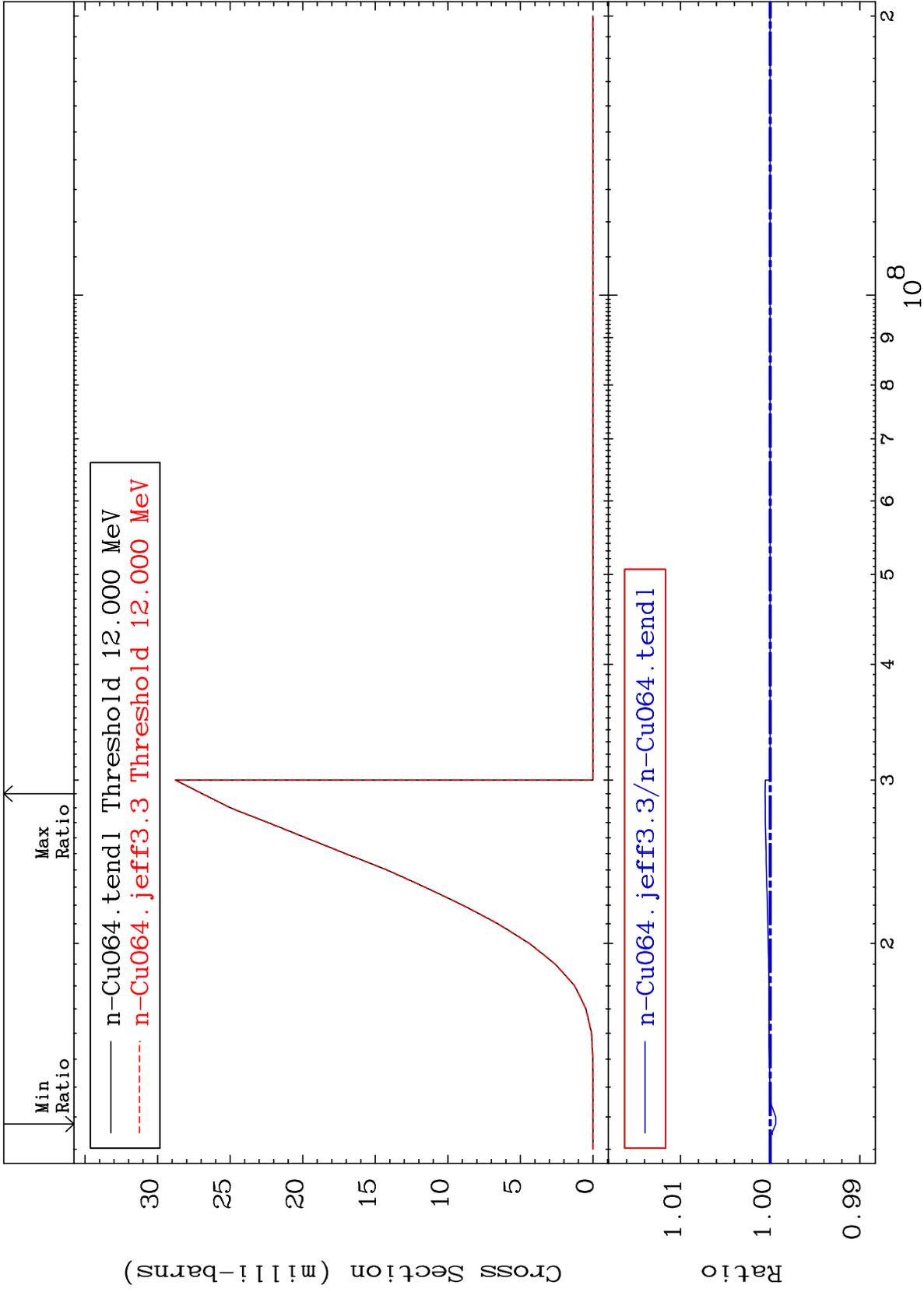
MAT 2928

(n,n') d

29-Cu-64

Cross Section

-0.062 To 0.056 %



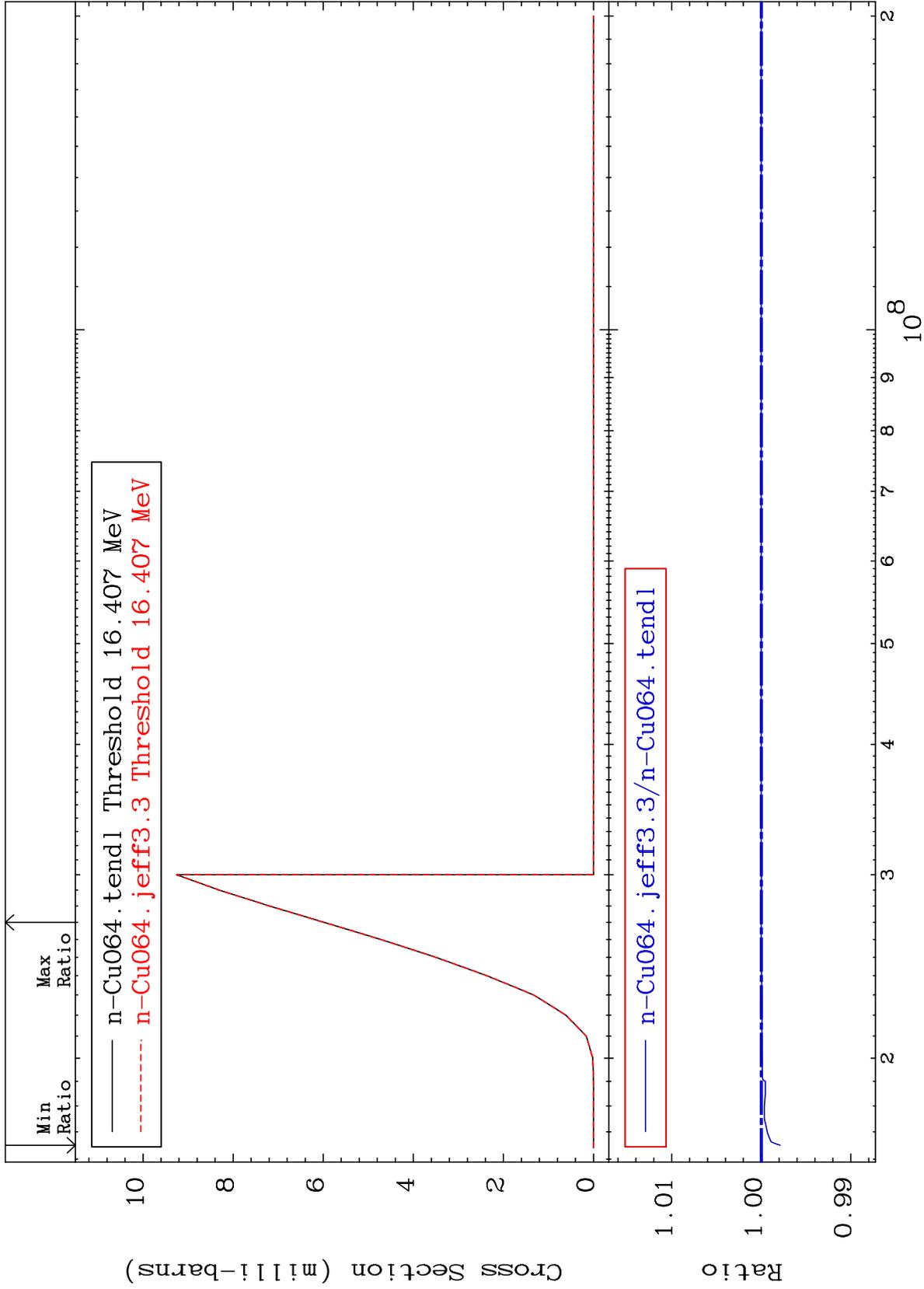
MAT 2928

(n,n') t

29-Cu-64

Cross Section

-0.211 To 0.001 %



12

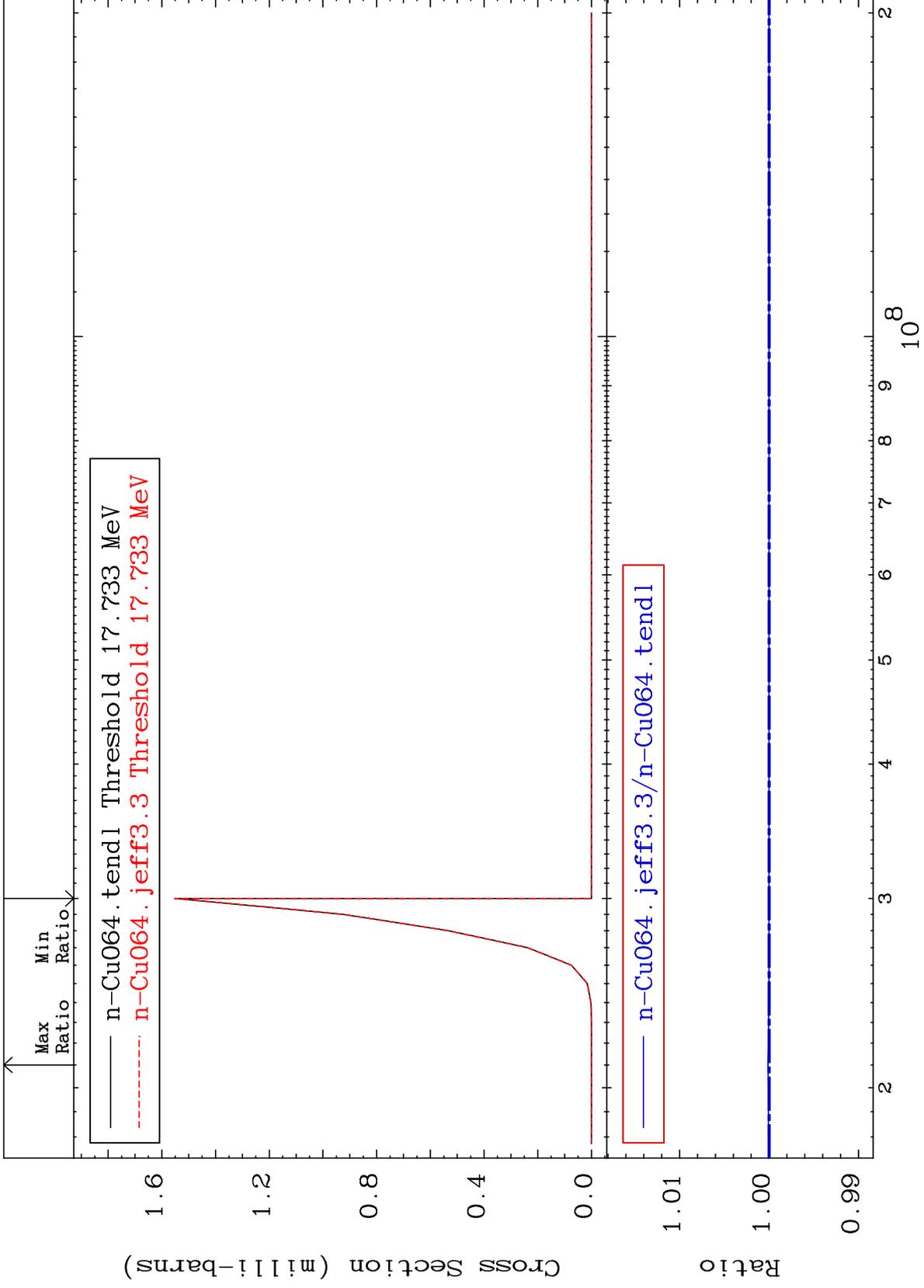
Incident Energy (eV)

29-Cu-64

MAT 2928

(n, n') He-3
Cross Section

29-Cu-64
0.000 To 0.013 %



MAT 2928

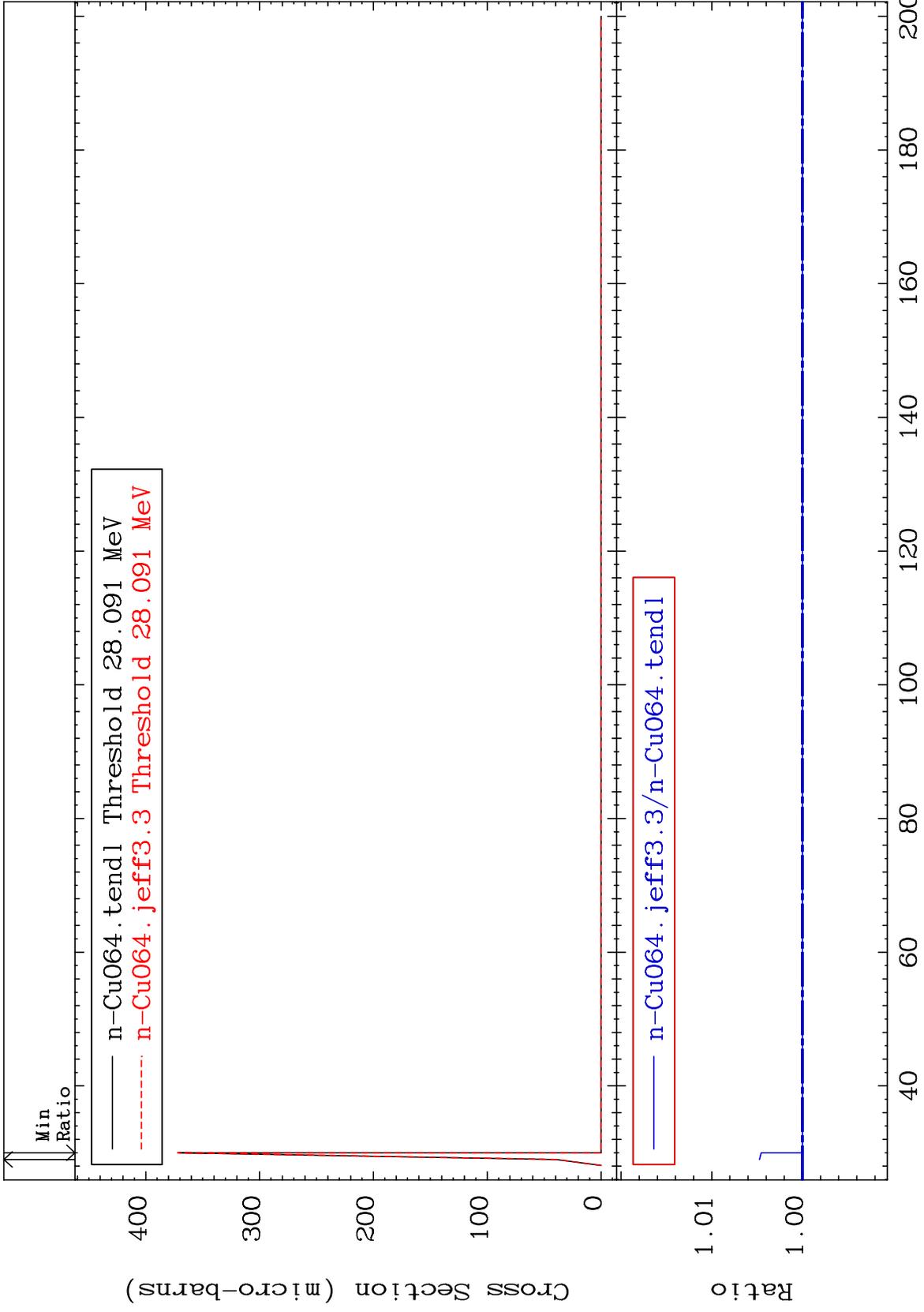
(n,4n)

²⁹Cu-64

Cross Section

0.000

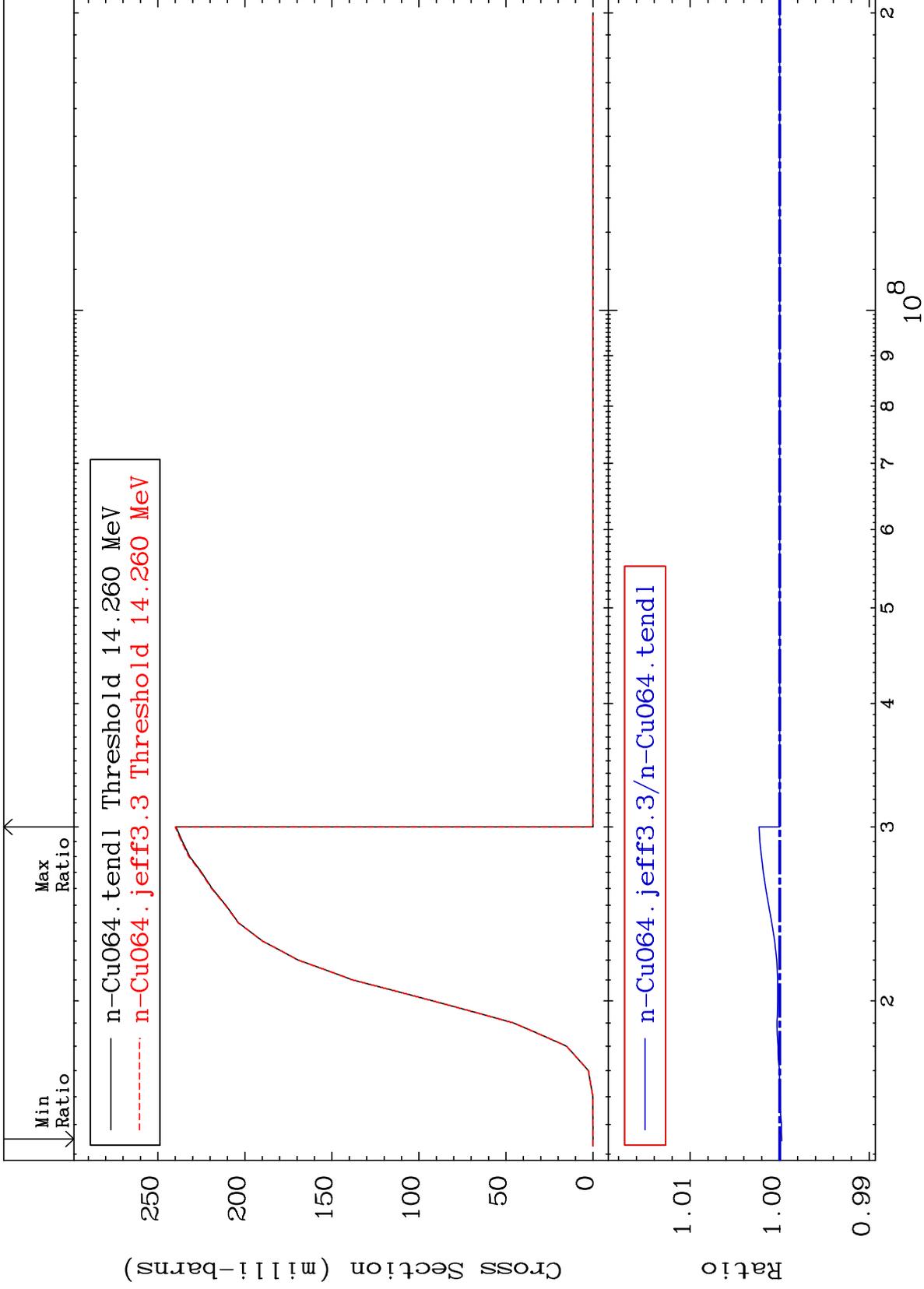
To 0.473 %



MAT 2928

(n,2n) p
Cross Section

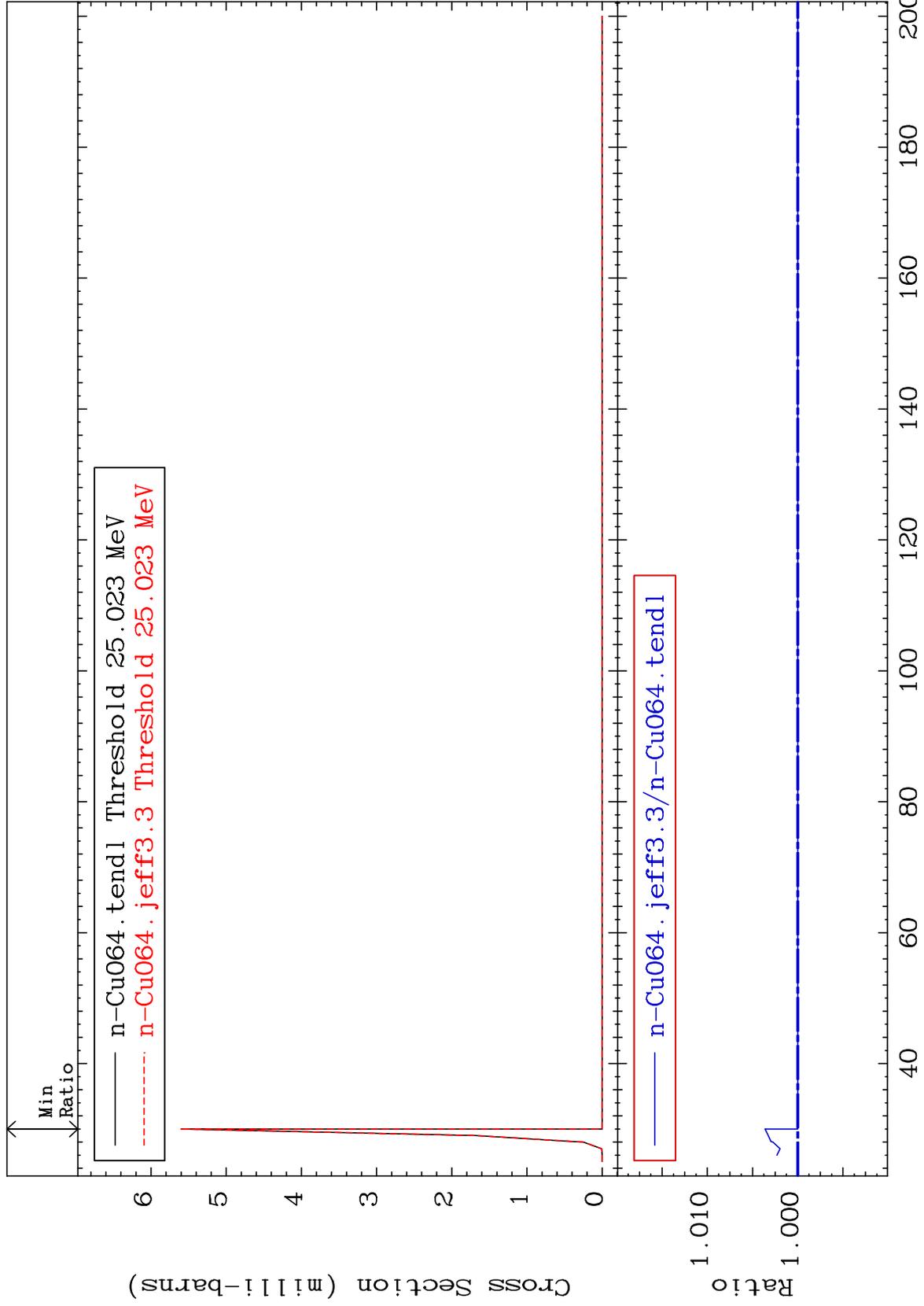
29-Cu-64
-0.023 To 0.230 %



MAT 2928

(n,3n) p
Cross Section

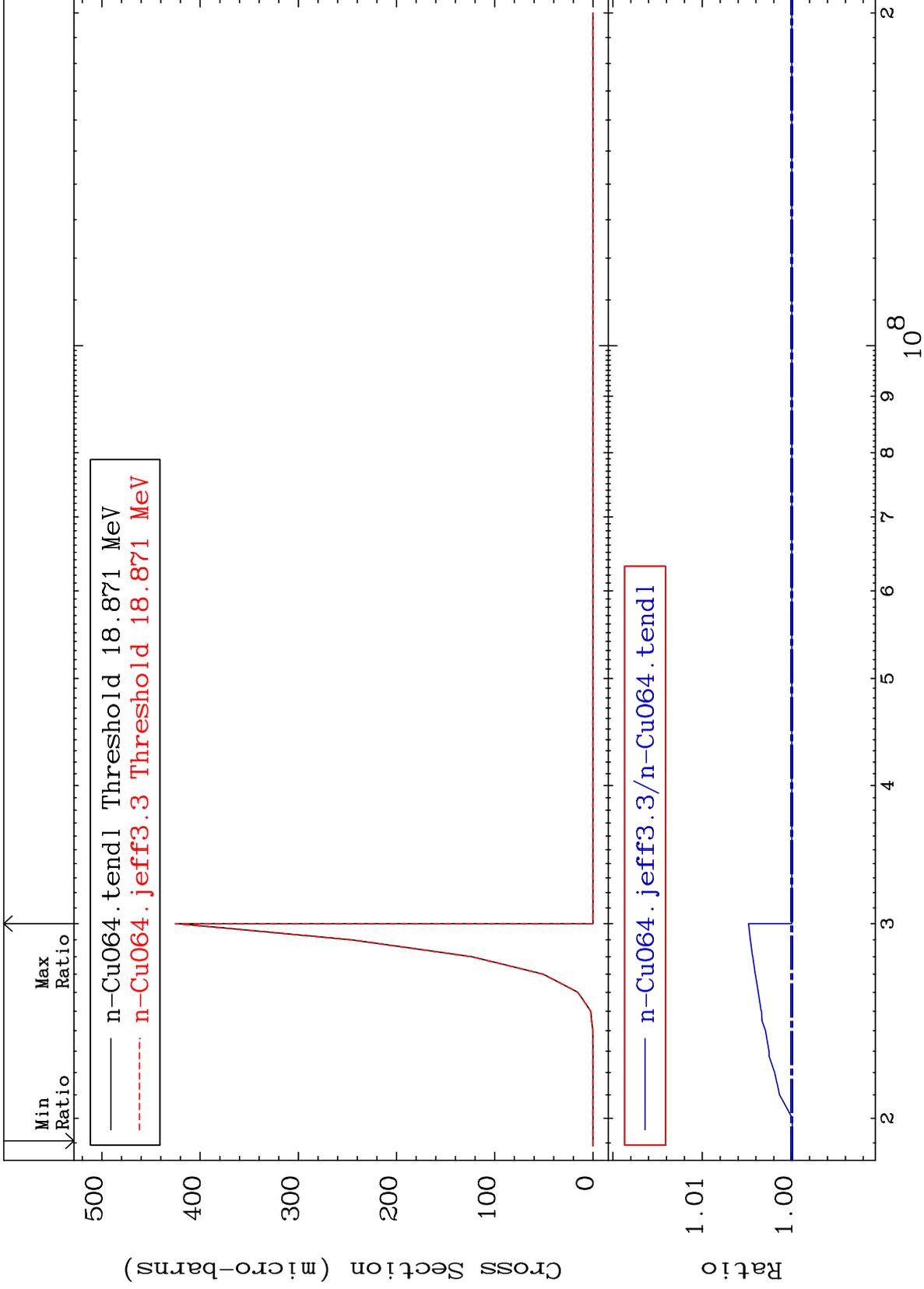
²⁹-Cu-64
0.000 To 0.361 %



MAT 2928

(n,2n) p
Cross Section

²⁹-Cu-64
-0.006 To 0.483 %



17

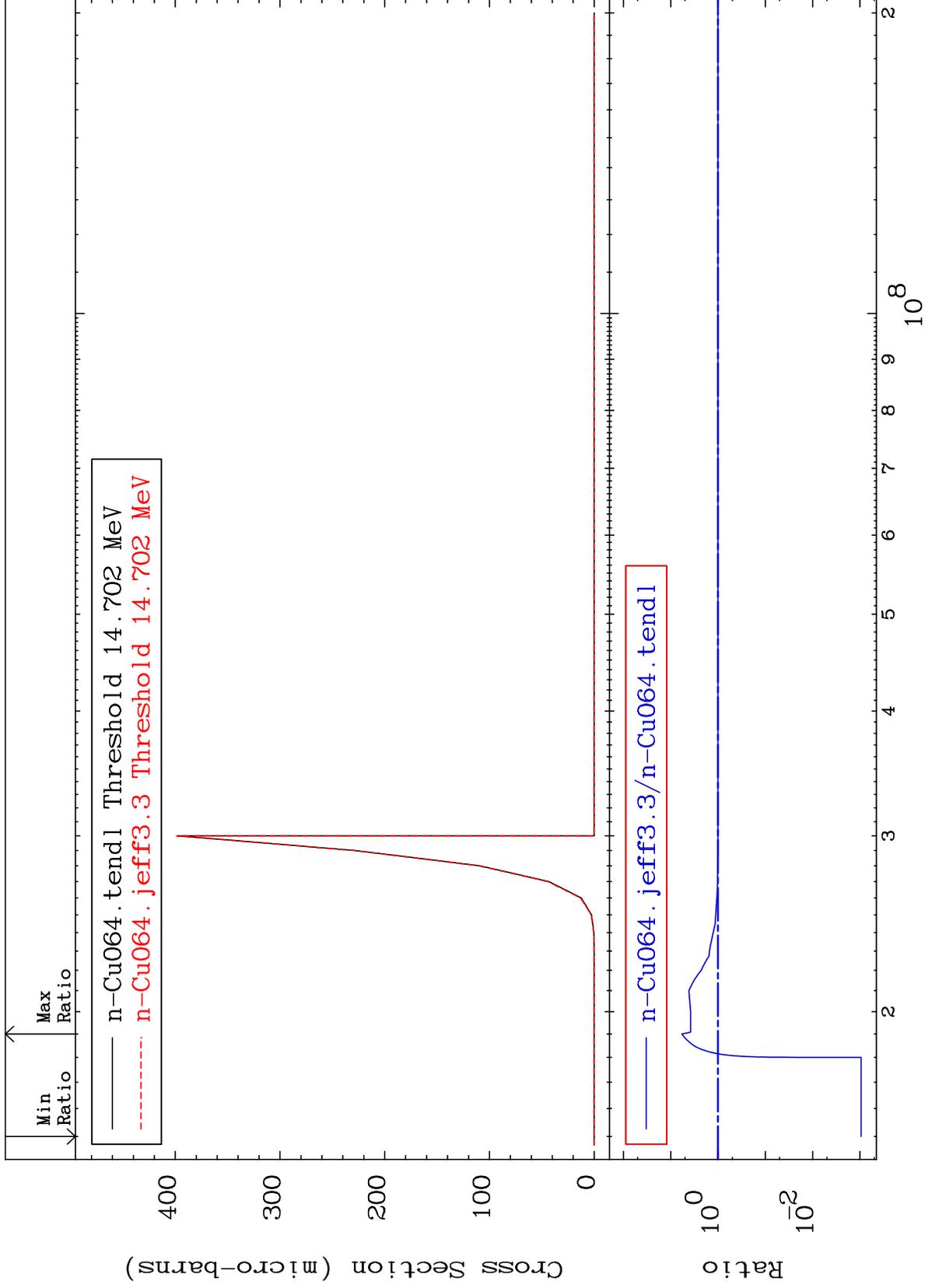
Incident Energy (eV)

²⁹-Cu-64

MAT 2928

(n,n') p α
Cross Section

29-Cu-64
-99.91 To 480.2 %



18

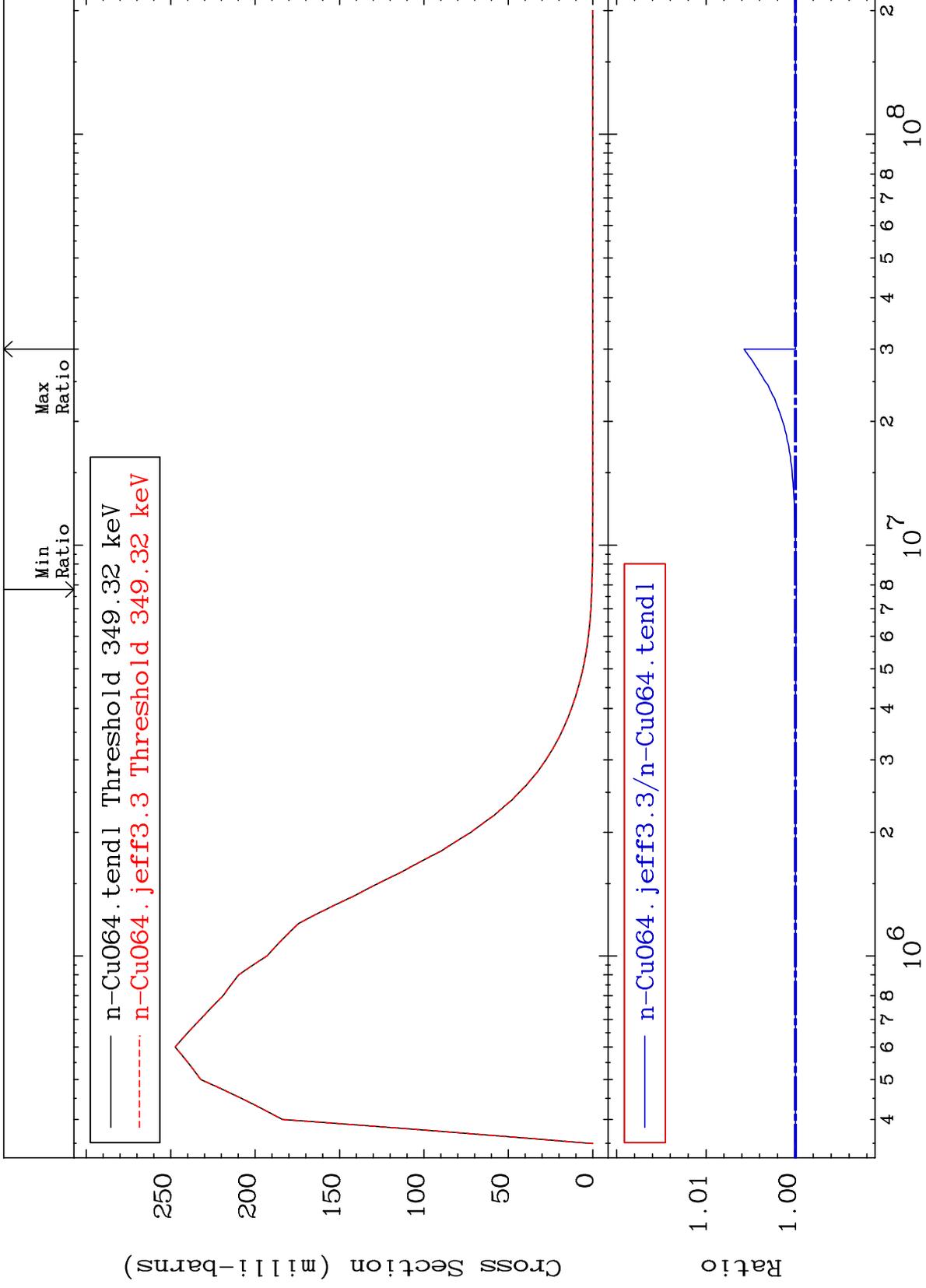
Incident Energy (eV)

29-Cu-64

MAT 2928

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

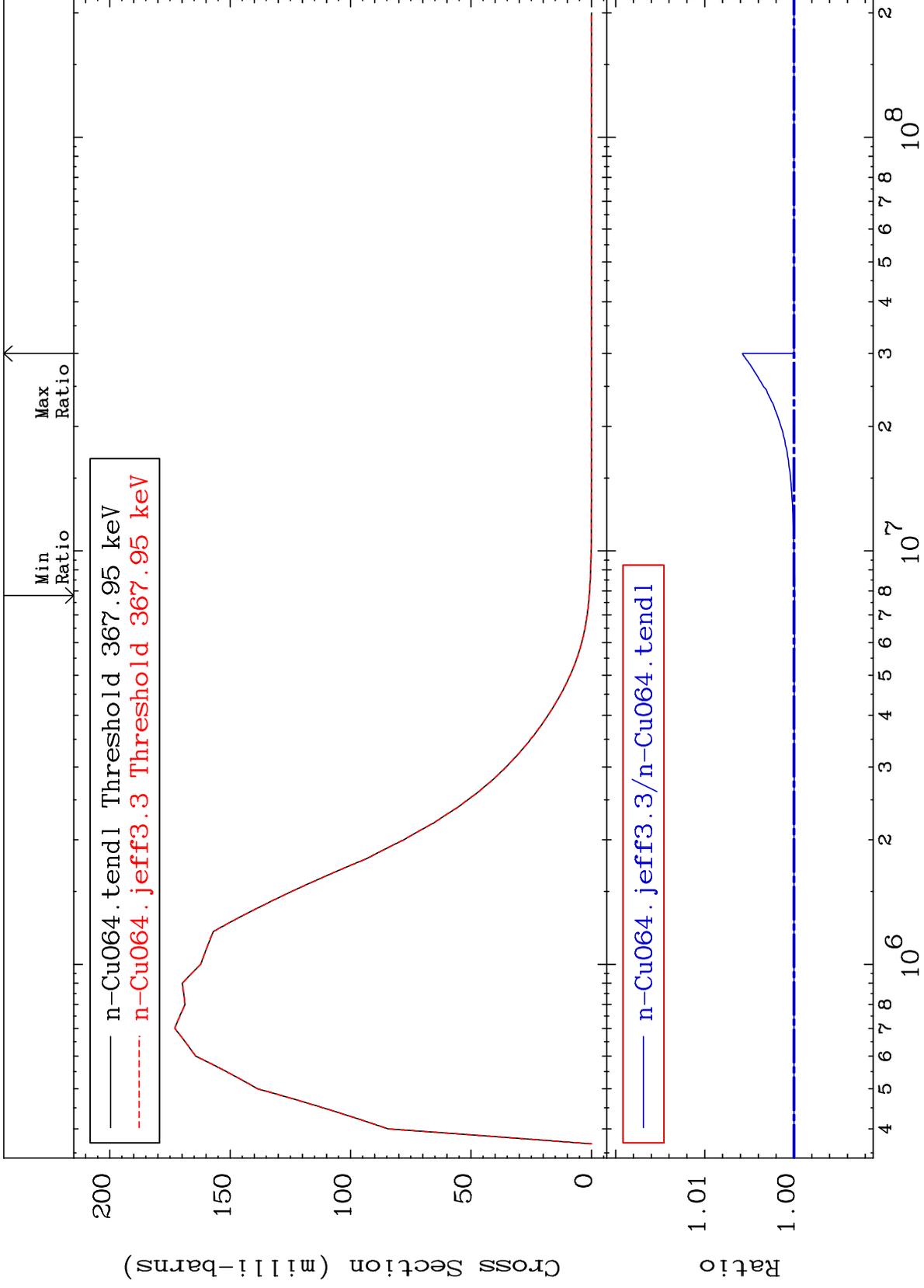
29-Cu-64
-0.010 To 0.575 %



MAT 2928

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

29-Cu-64
-0.008 To 0.580 %



20

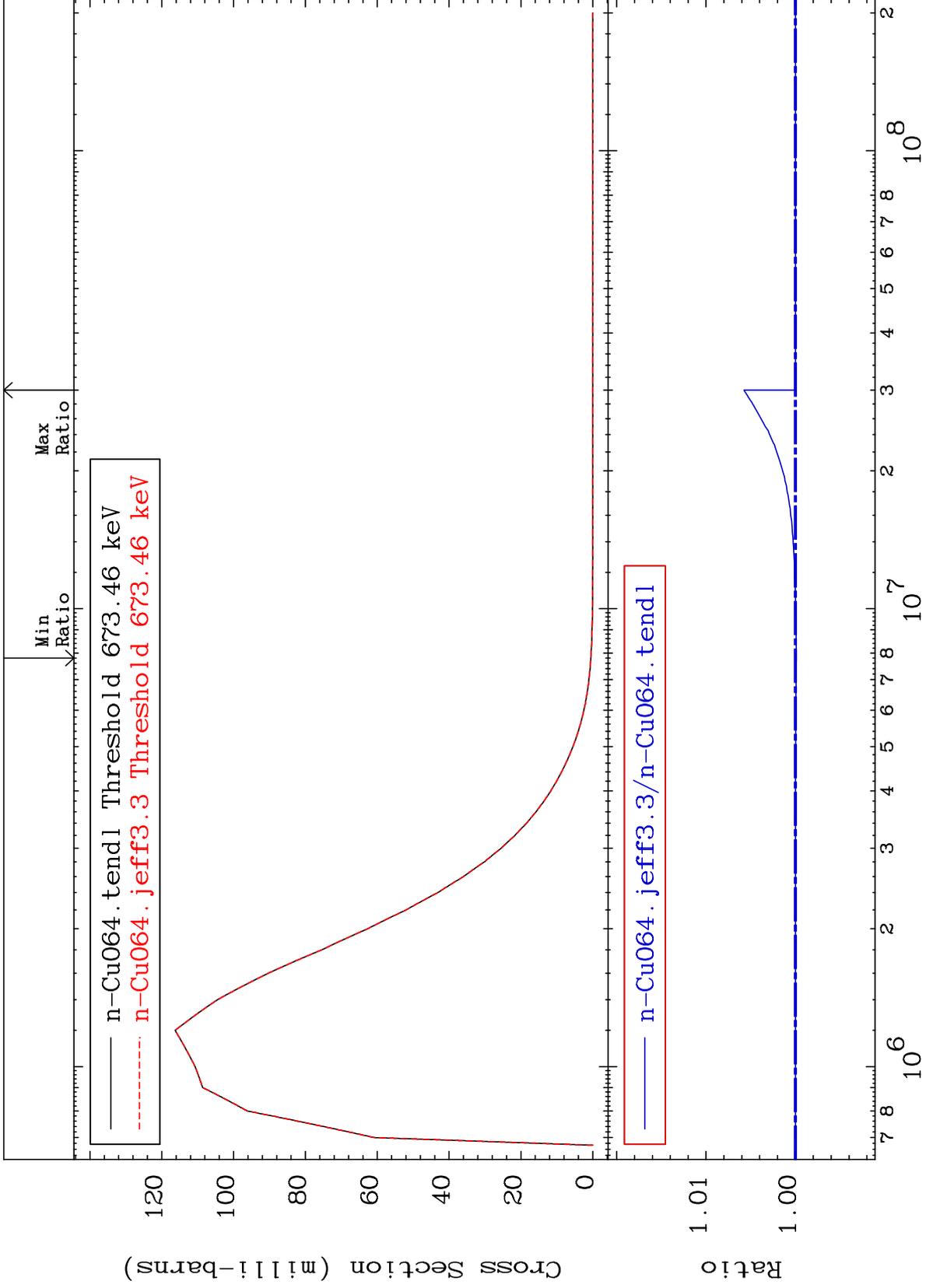
Incident Energy (eV)

29-Cu-64

MAT 2928

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

29-Cu-64
-0.010 To 0.575 %



21

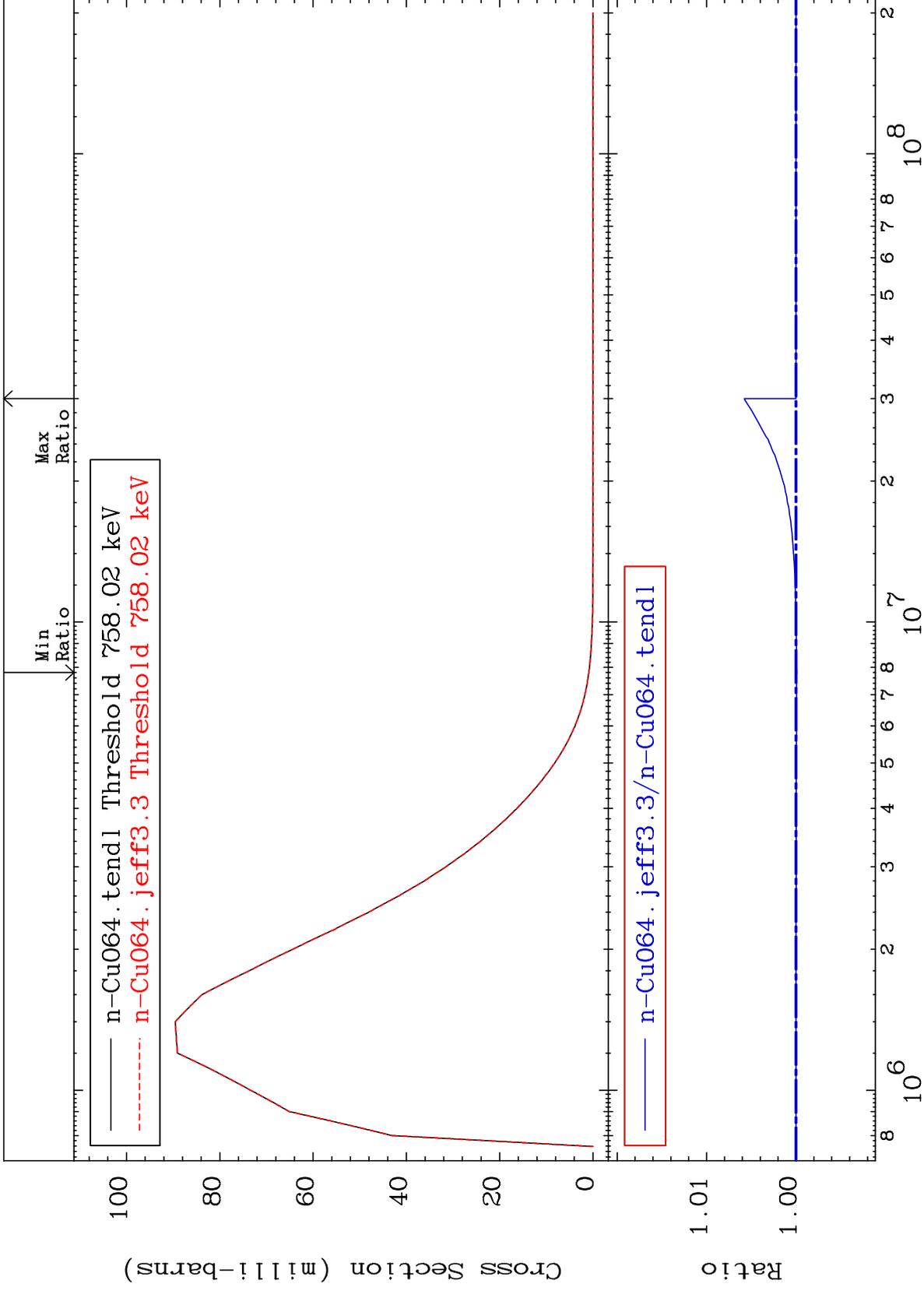
Incident Energy (eV)

29-Cu-64

MAT 2928

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

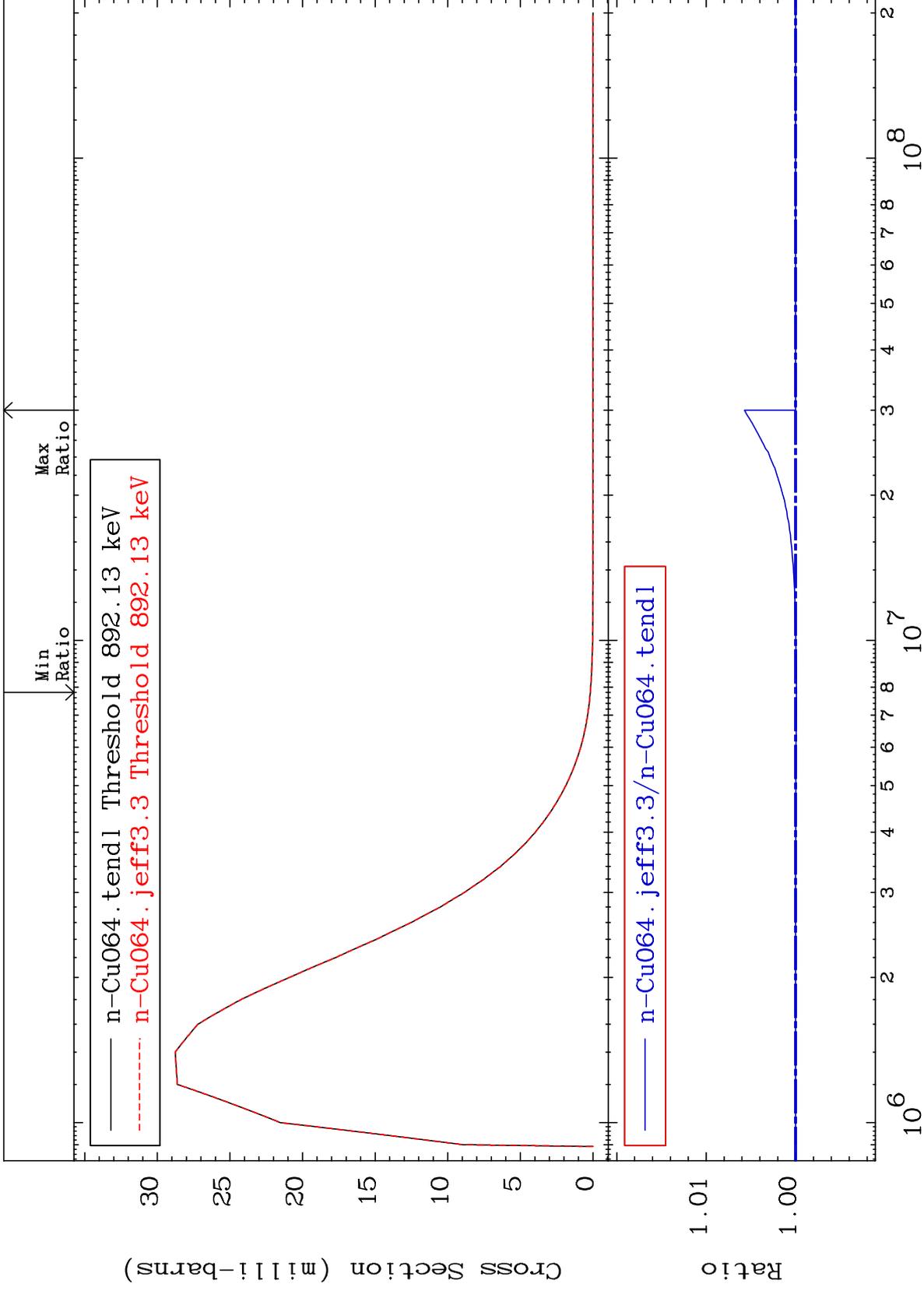
29-Cu-64
-0.008 To 0.580 %



MAT 2928

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

29-Cu-64
-0.010 To 0.573 %



23

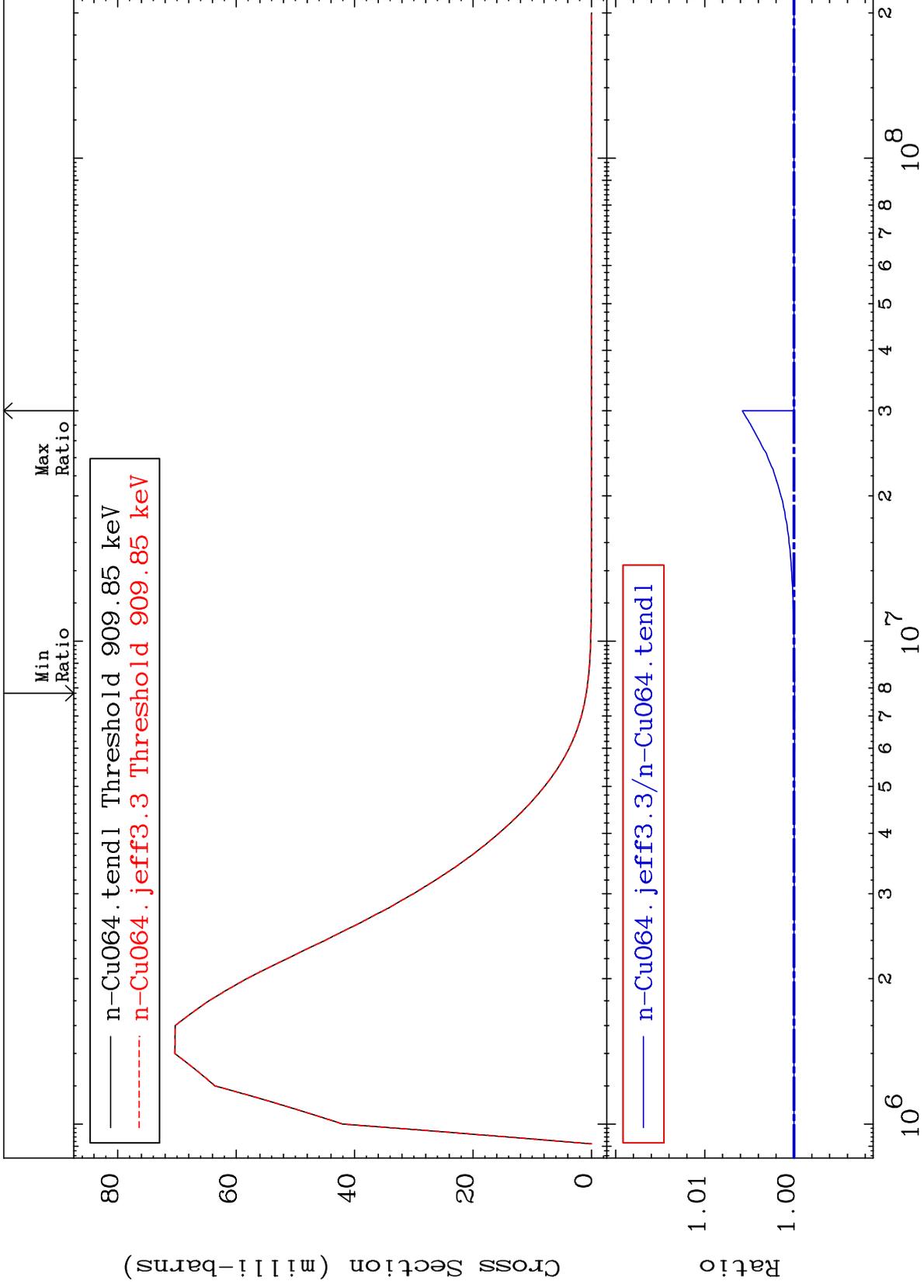
Incident Energy (eV)

29-Cu-64

MAT 2928

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

29-Cu-64
-0.008 To 0.579 %



24

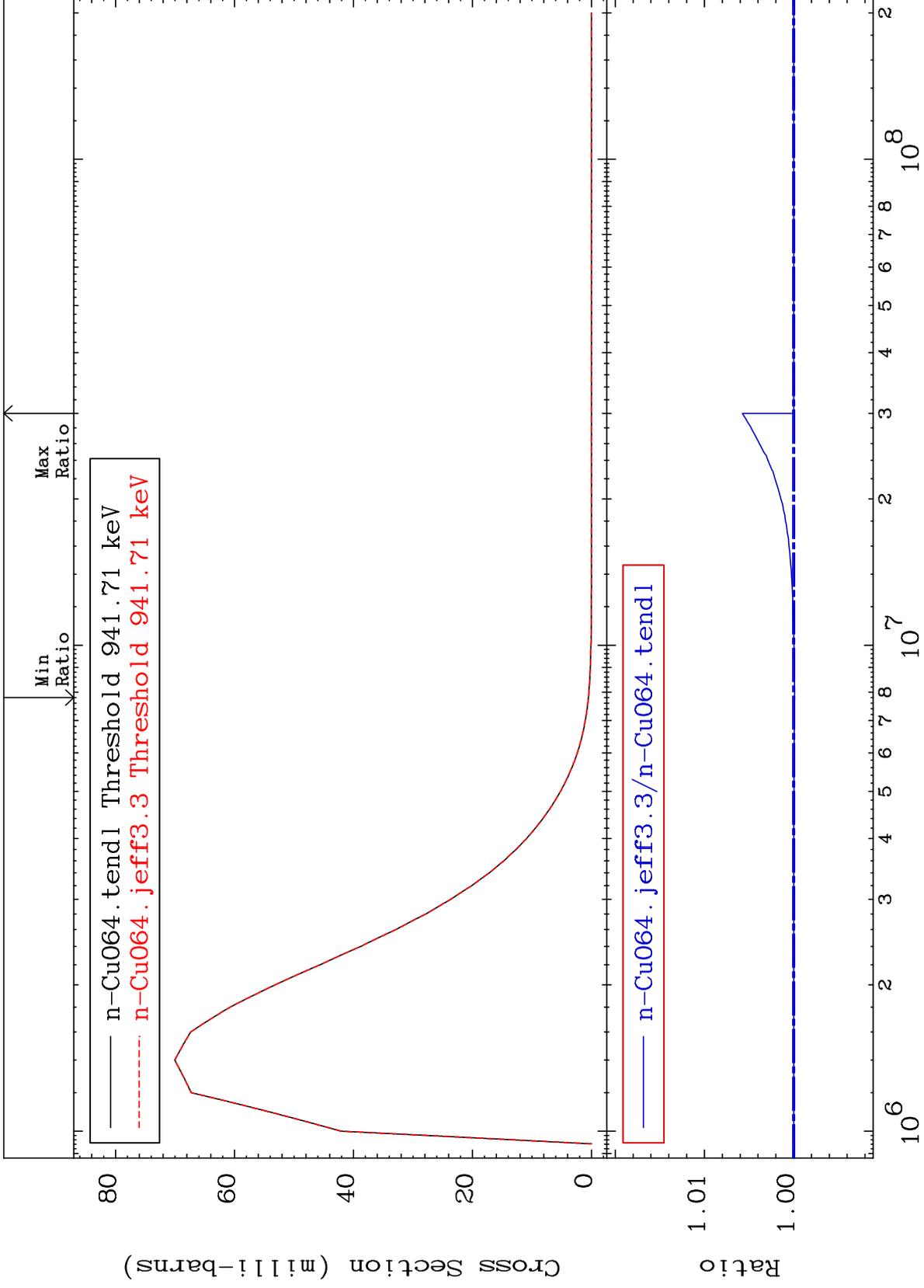
Incident Energy (eV)

29-Cu-64

MAT 2928

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

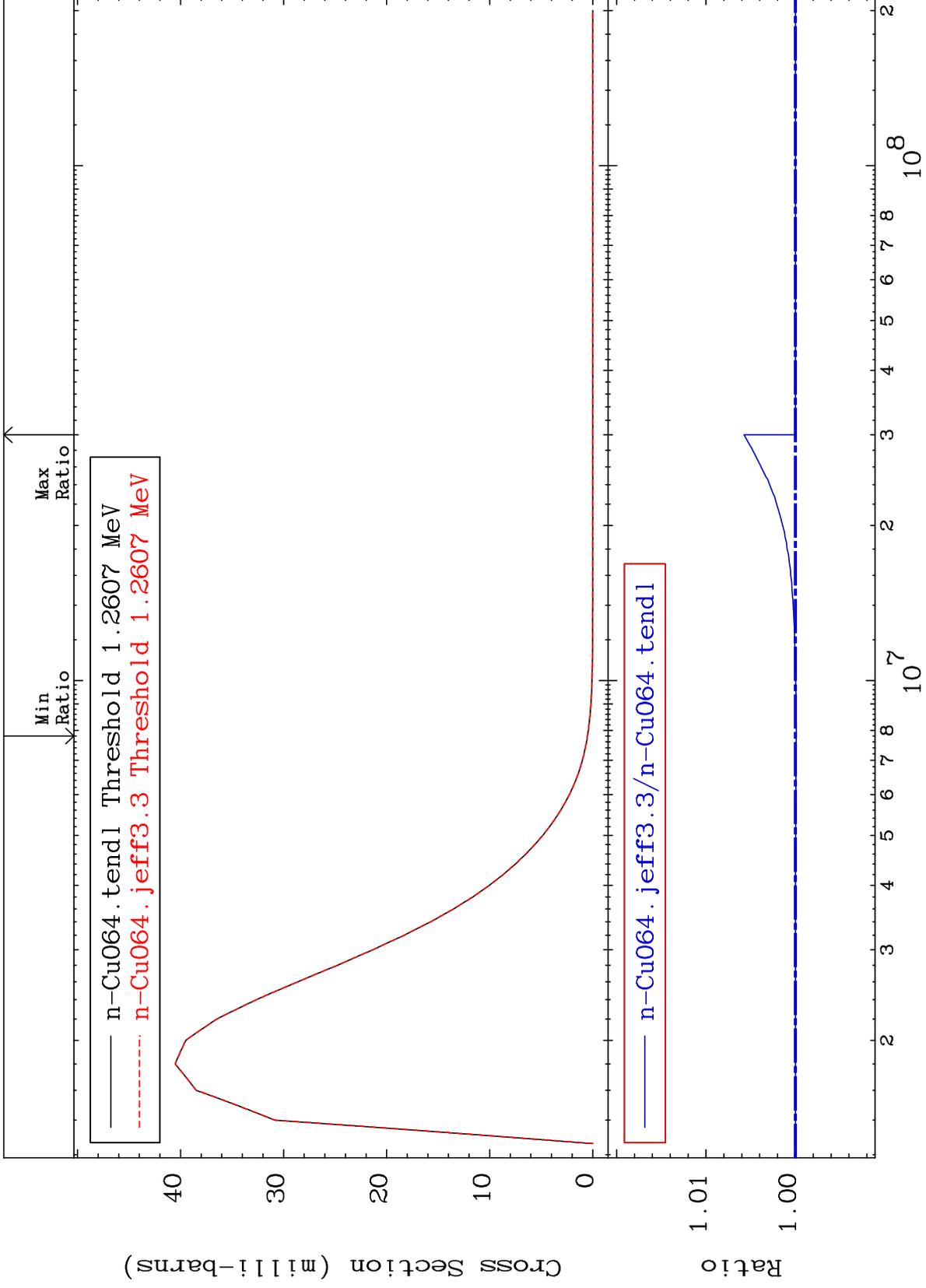
29-Cu-64
-0.010 To 0.575 %



MAT 2928

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

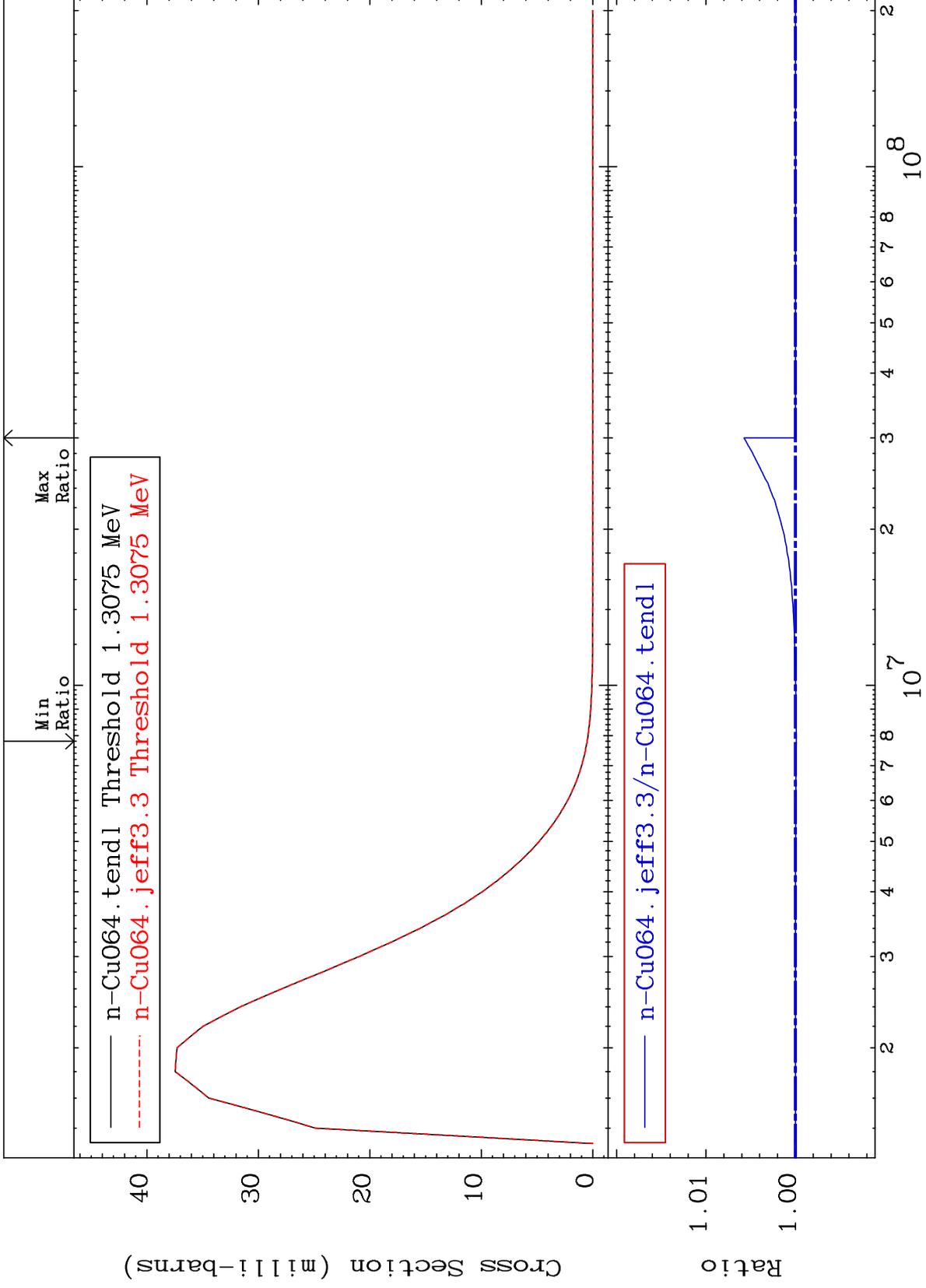
29-Cu-64
-0.010 To 0.575 %



MAT 2928

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

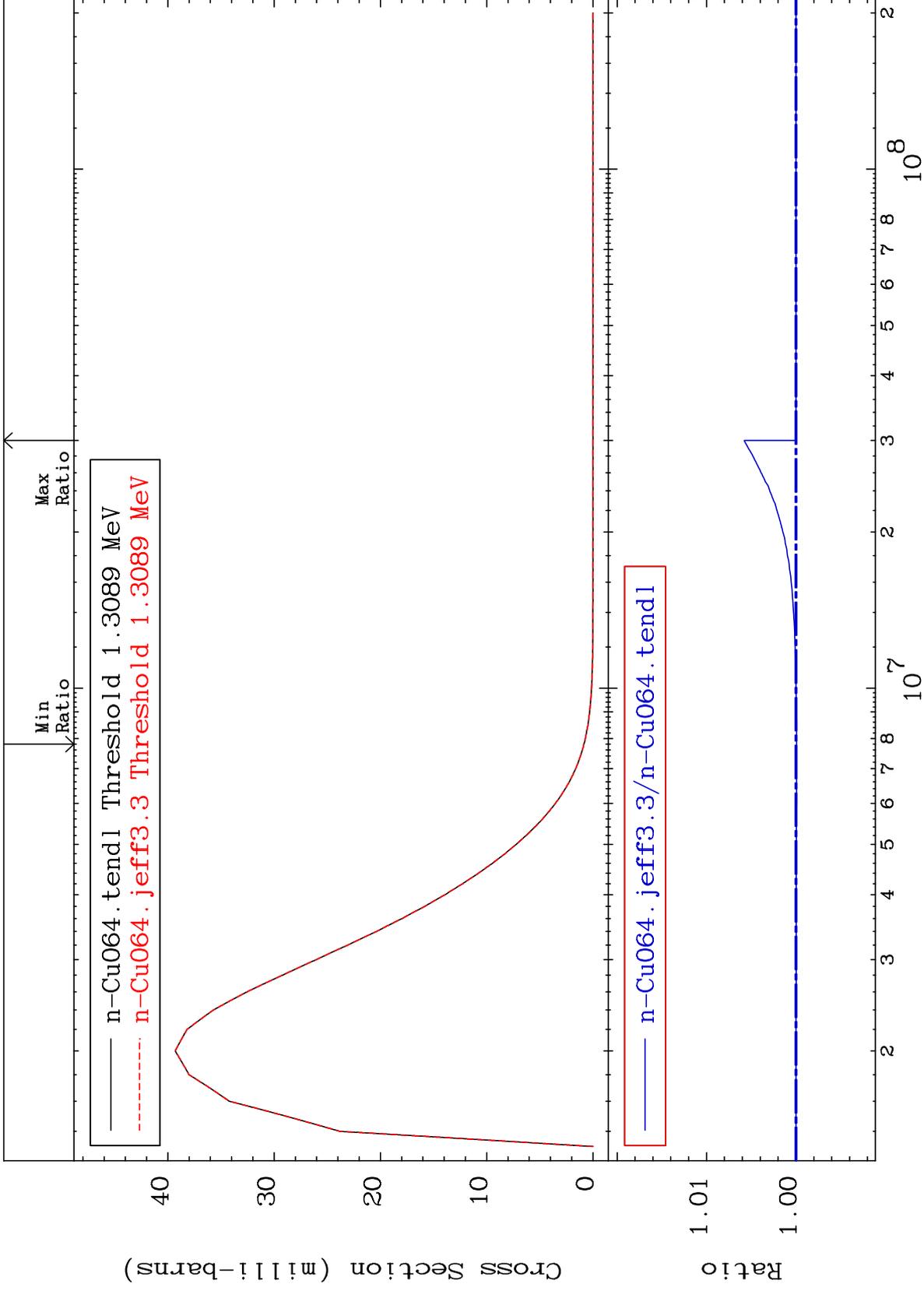
29-Cu-64
-0.010 To 0.575 %



MAT 2928

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

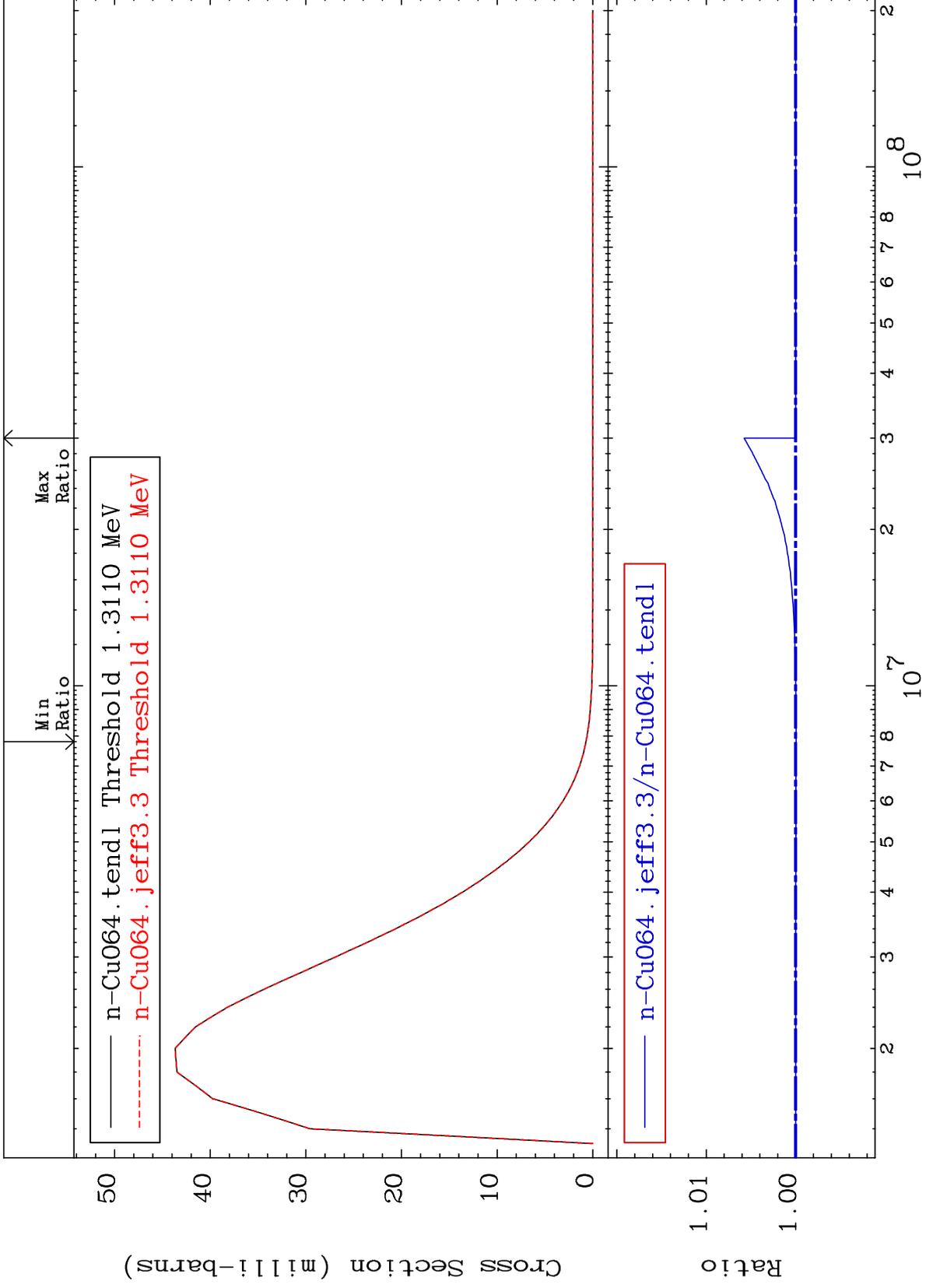
29-Cu-64
-0.008 To 0.579 %



MAT 2928

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

29-Cu-64
-0.006 To 0.576 %



29

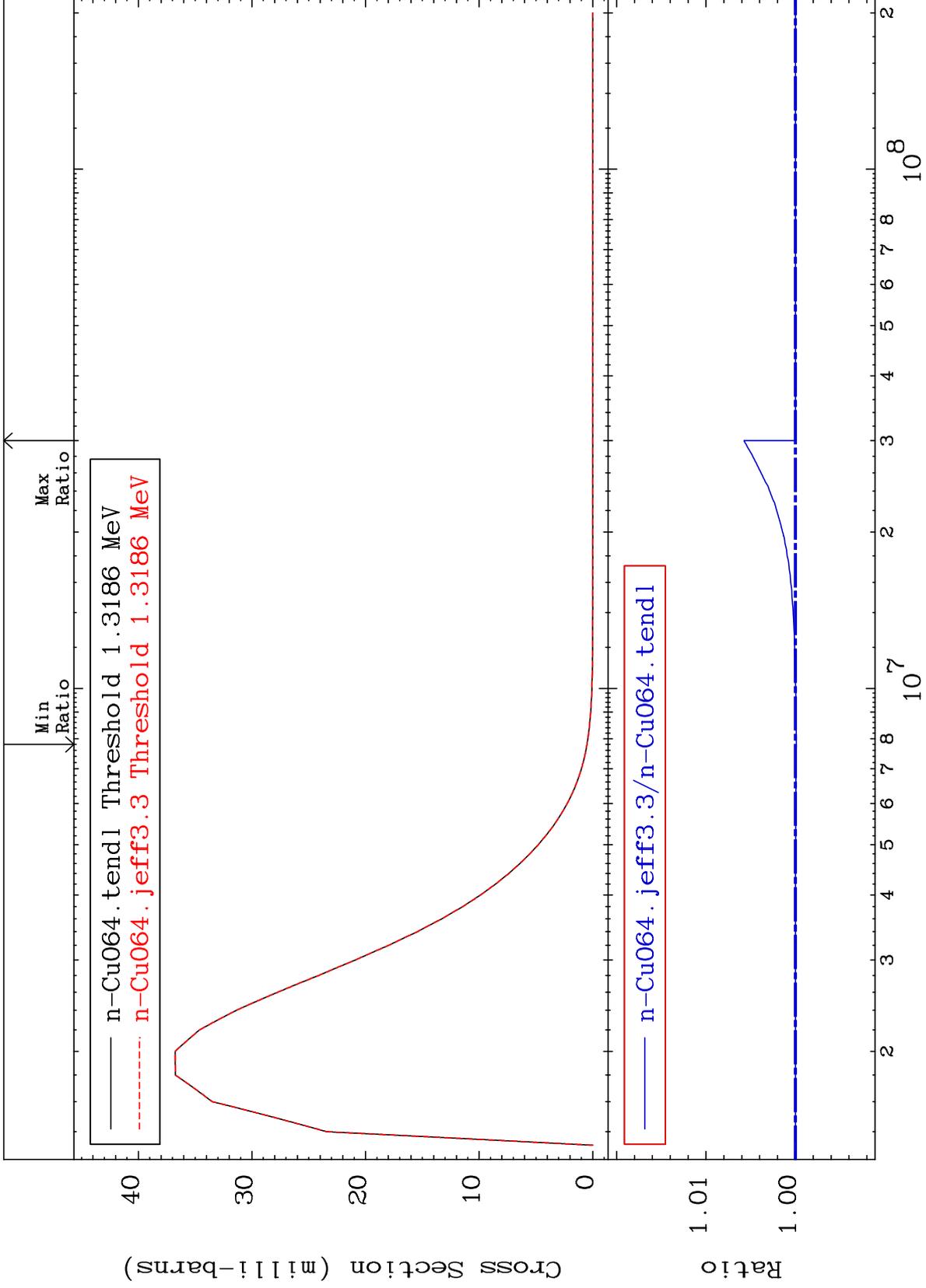
Incident Energy (eV)

29-Cu-64

MAT 2928

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

29-Cu-64
-0.010 To 0.575 %



30

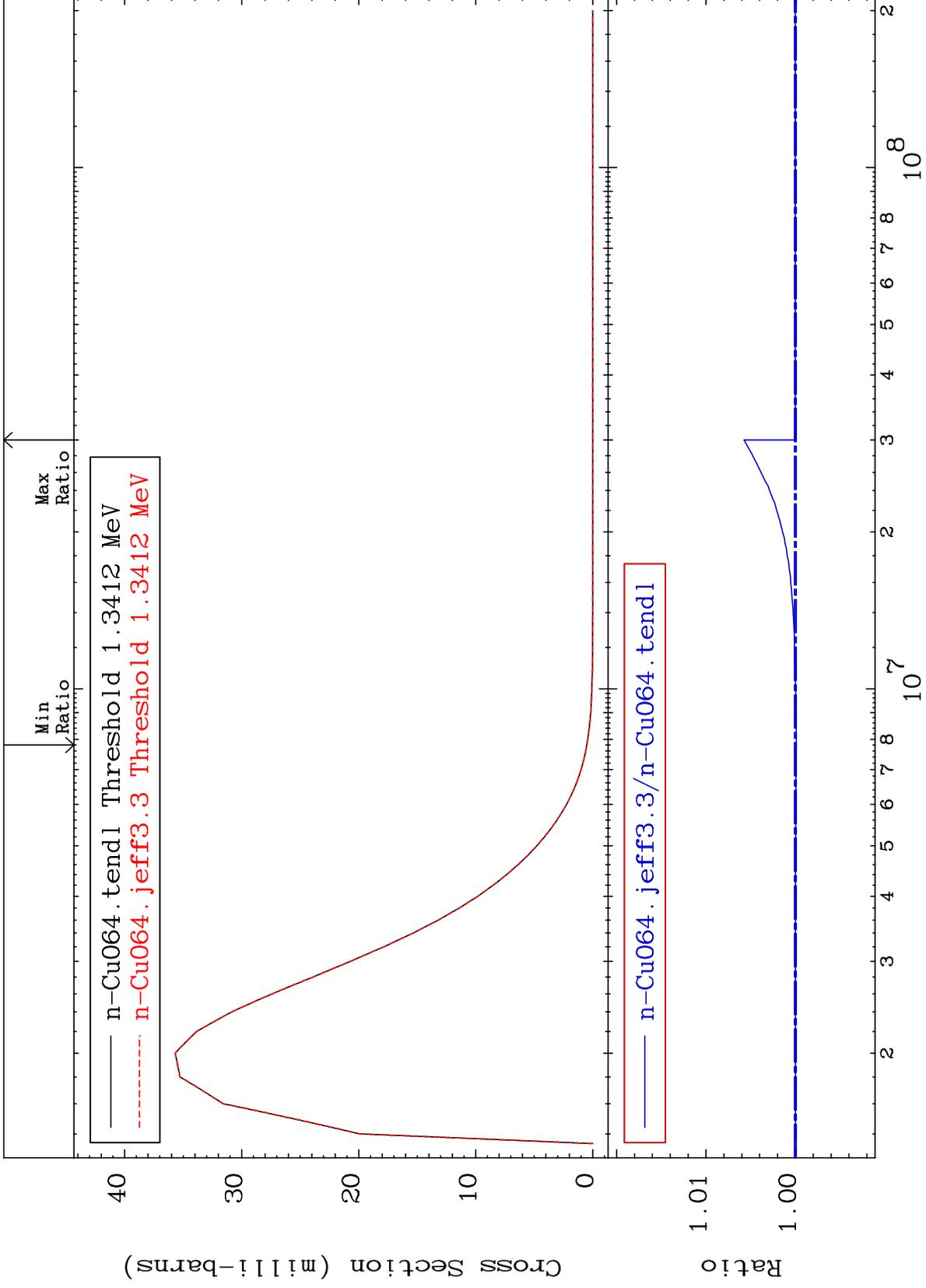
Incident Energy (eV)

29-Cu-64

MAT 2928

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

29-Cu-64
-0.010 To 0.575 %



31

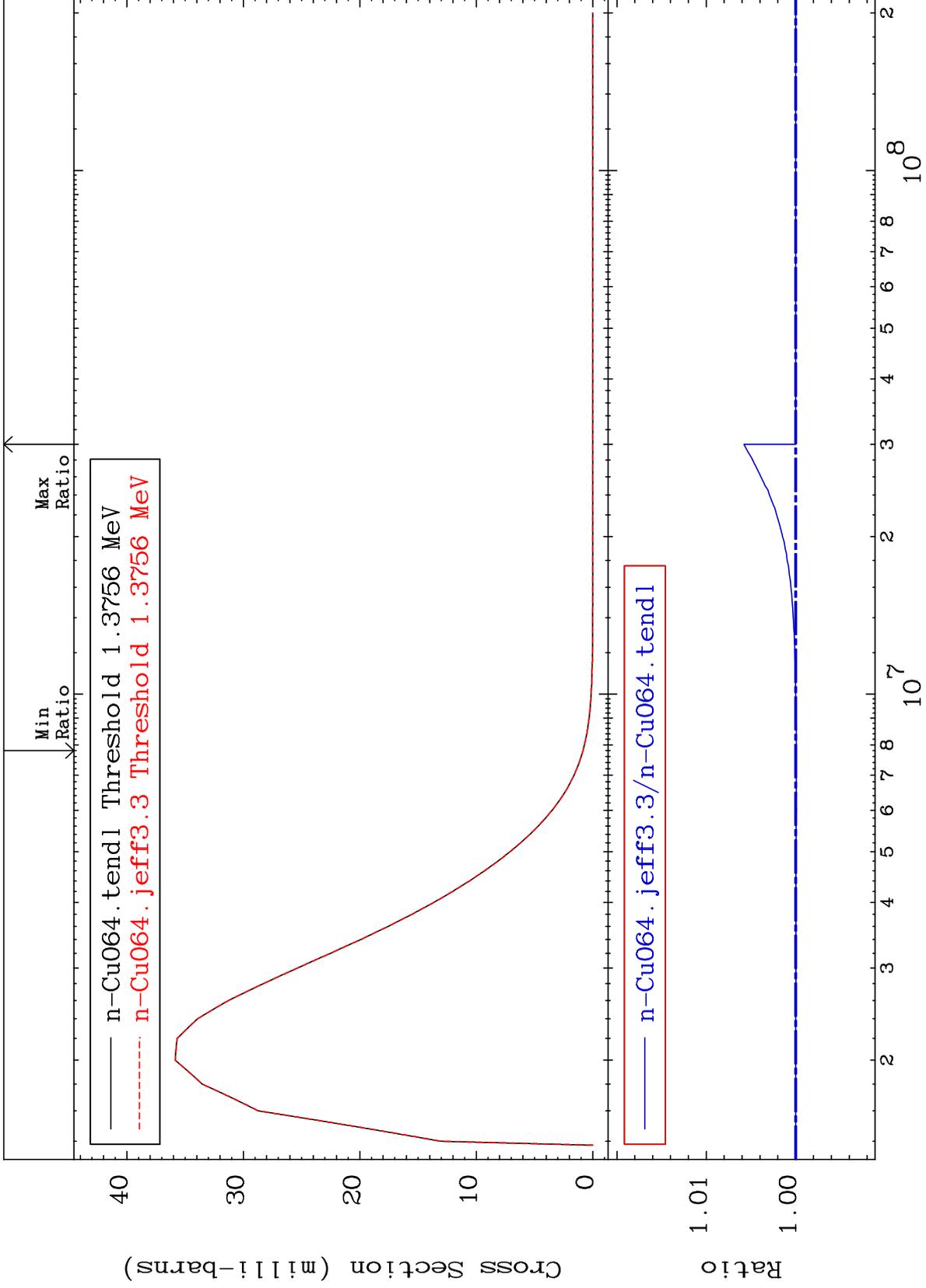
Incident Energy (eV)

29-Cu-64

MAT 2928

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

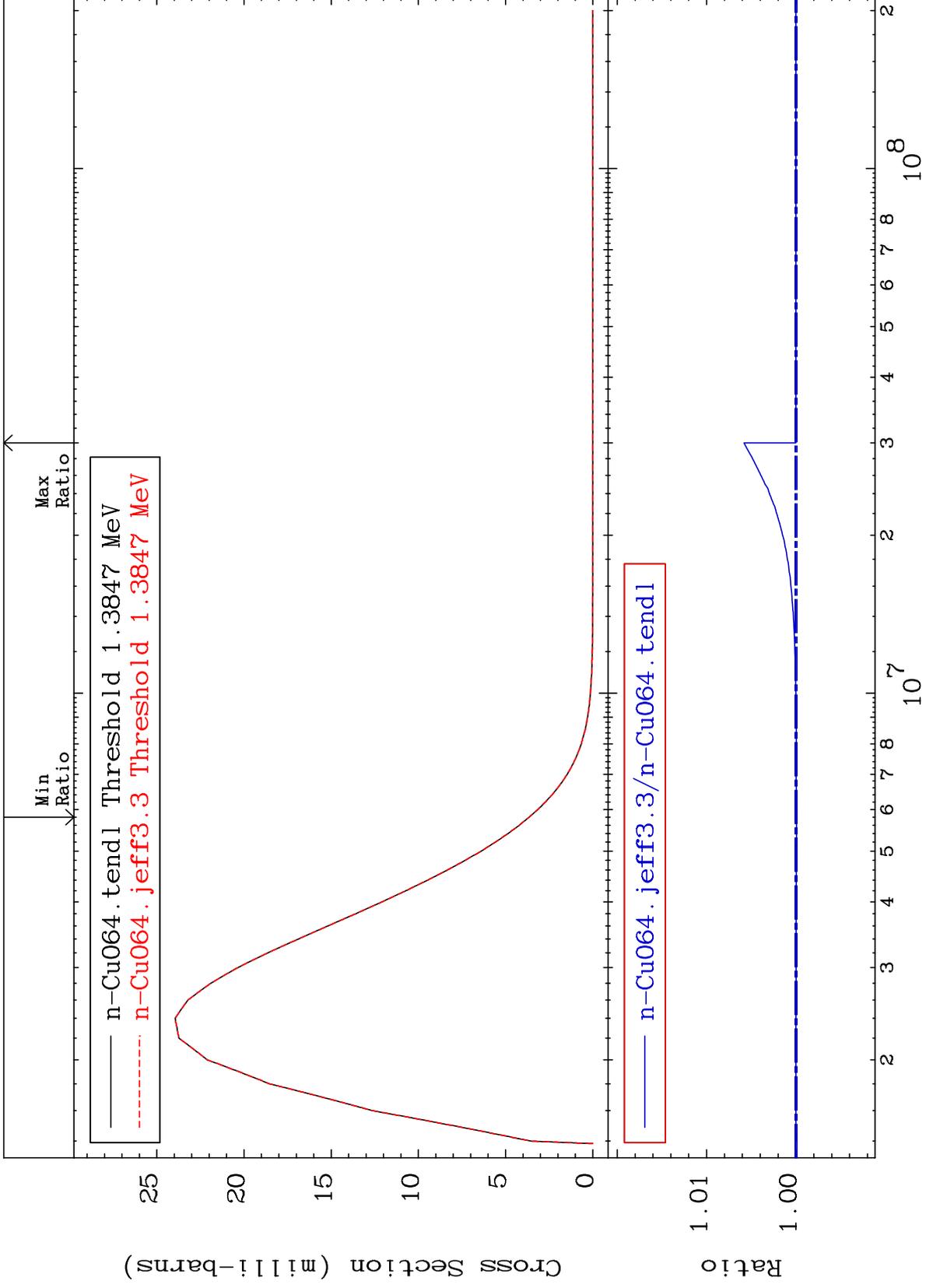
29-Cu-64
-0.008 To 0.579 %



MAT 2928

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

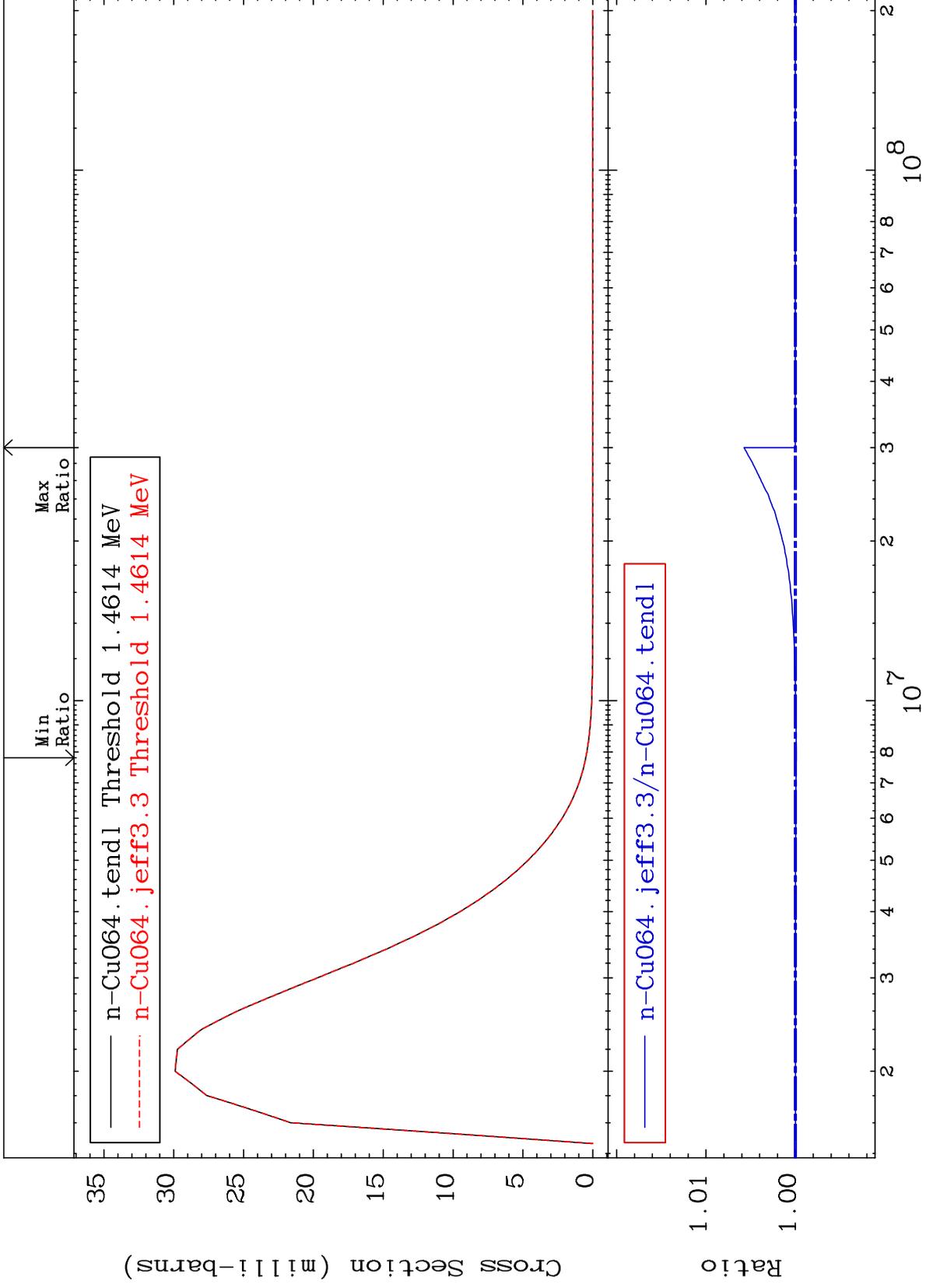
29-Cu-64
-0.006 To 0.583 %



MAT 2928

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

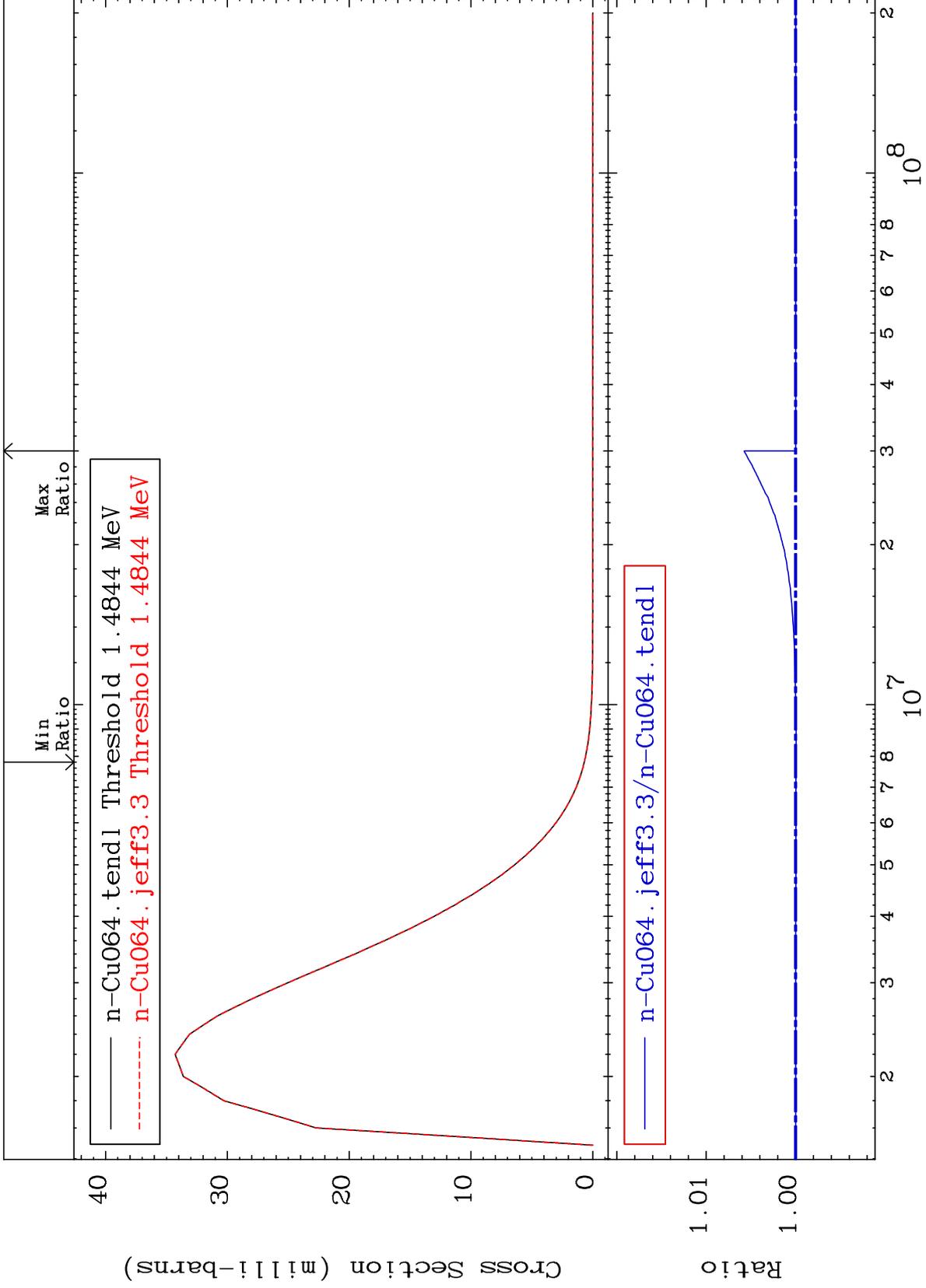
29-Cu-64
-0.010 To 0.575 %



MAT 2928

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

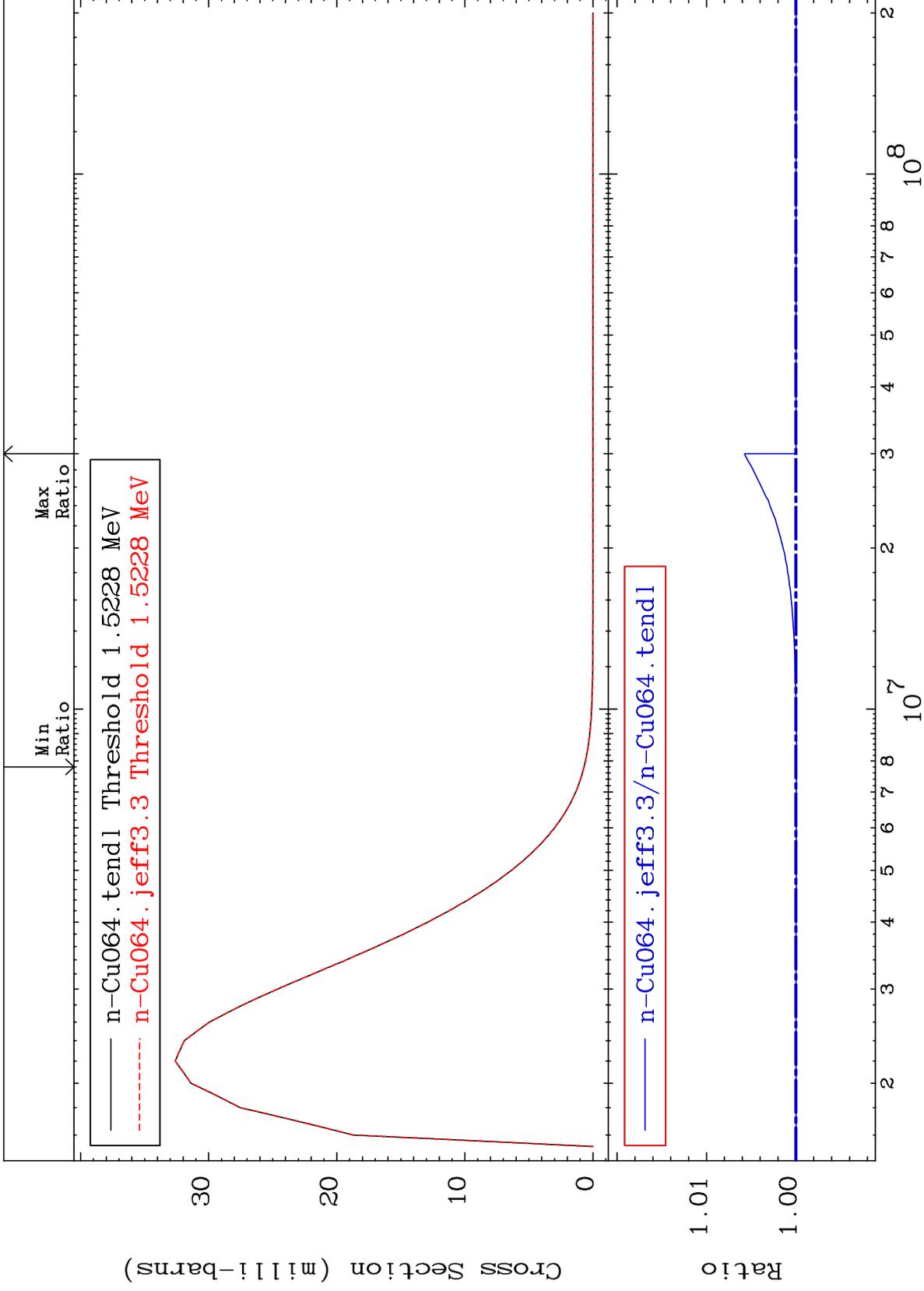
²⁹-Cu-64
-0.006 To 0.576 %



MAT 2928

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

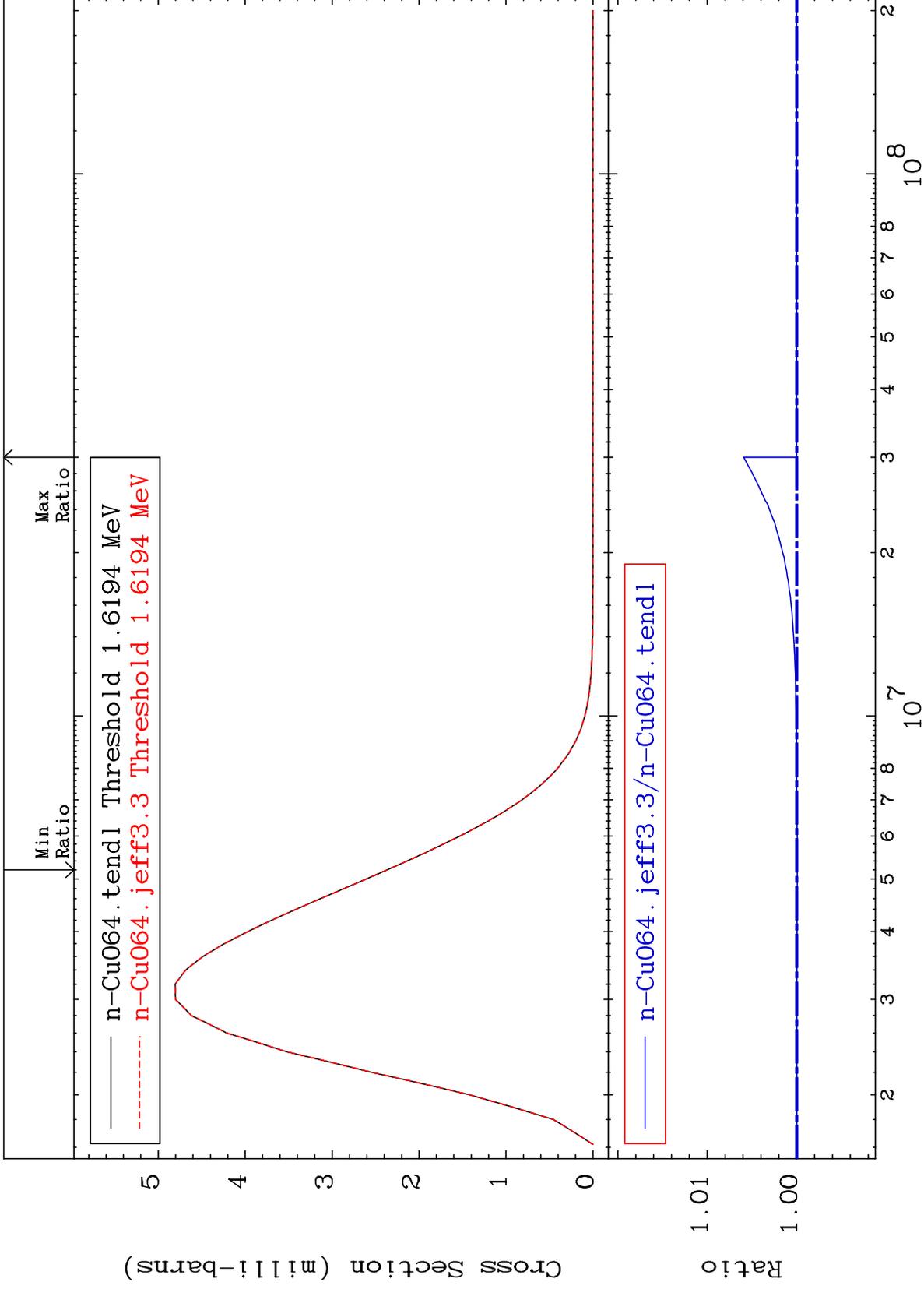
29-Cu-64
-0.006 To 0.576 %



MAT 2928

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

29-Cu-64
-0.006 To 0.593 %



37

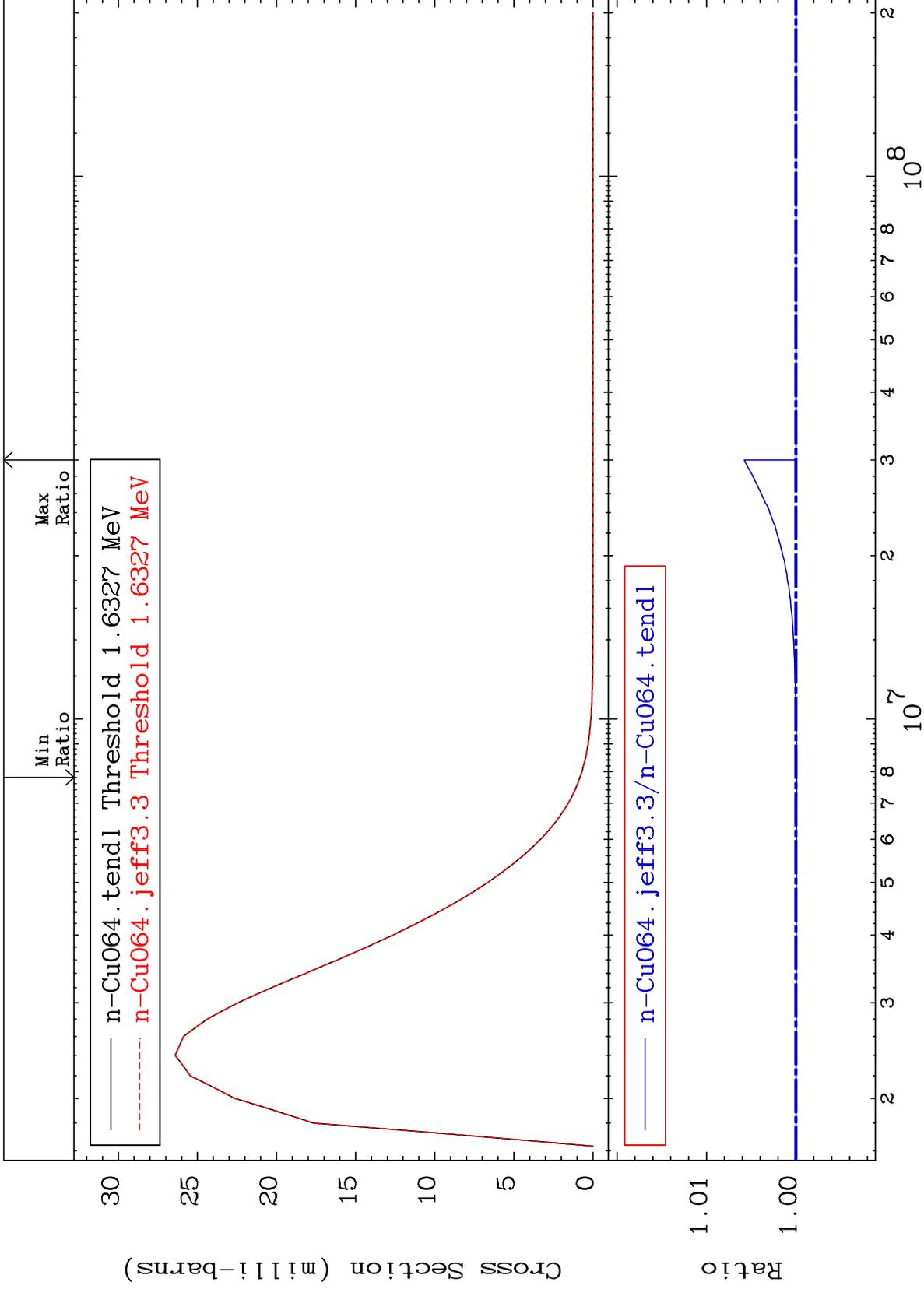
Incident Energy (eV)

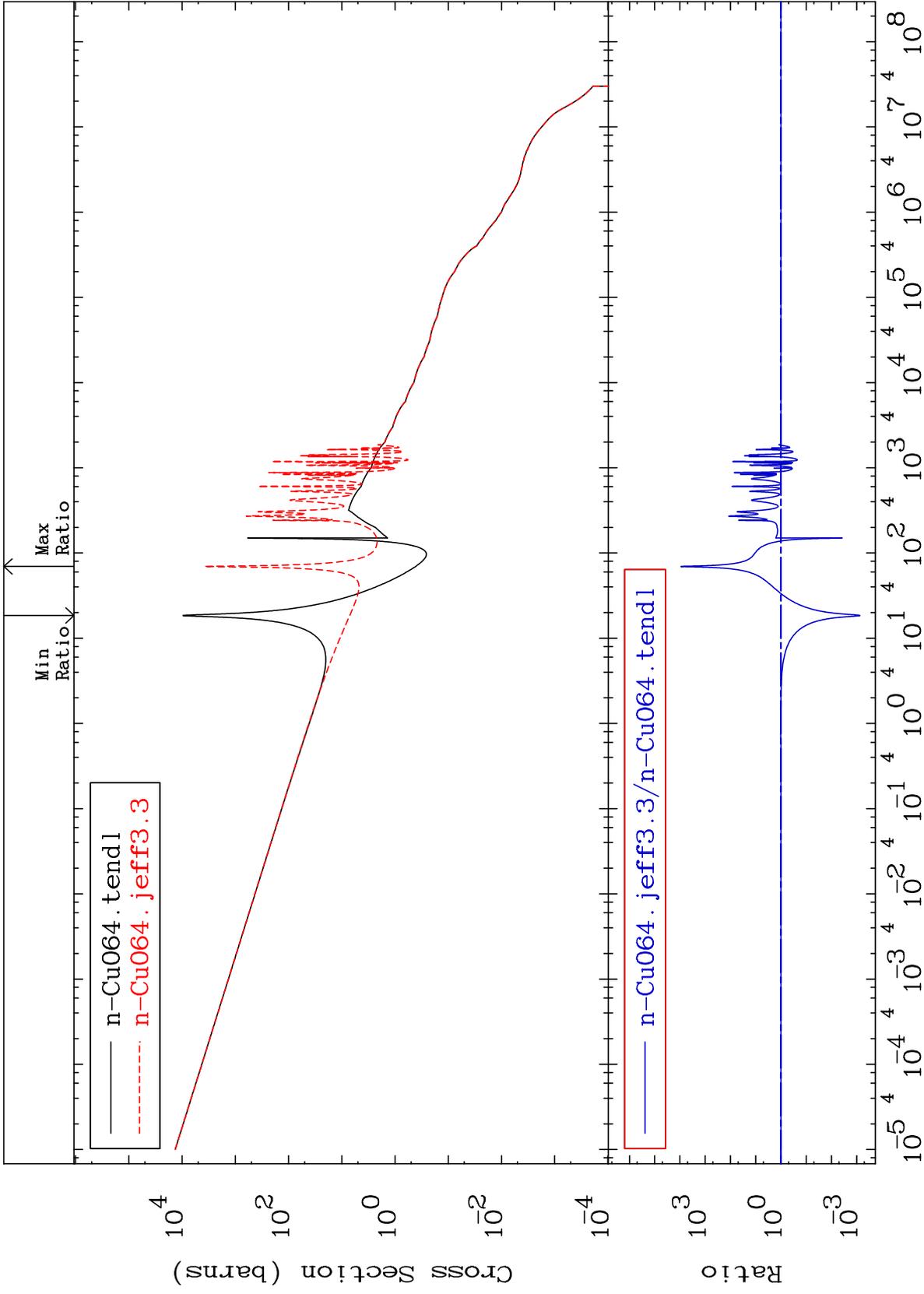
29-Cu-64

MAT 2928

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

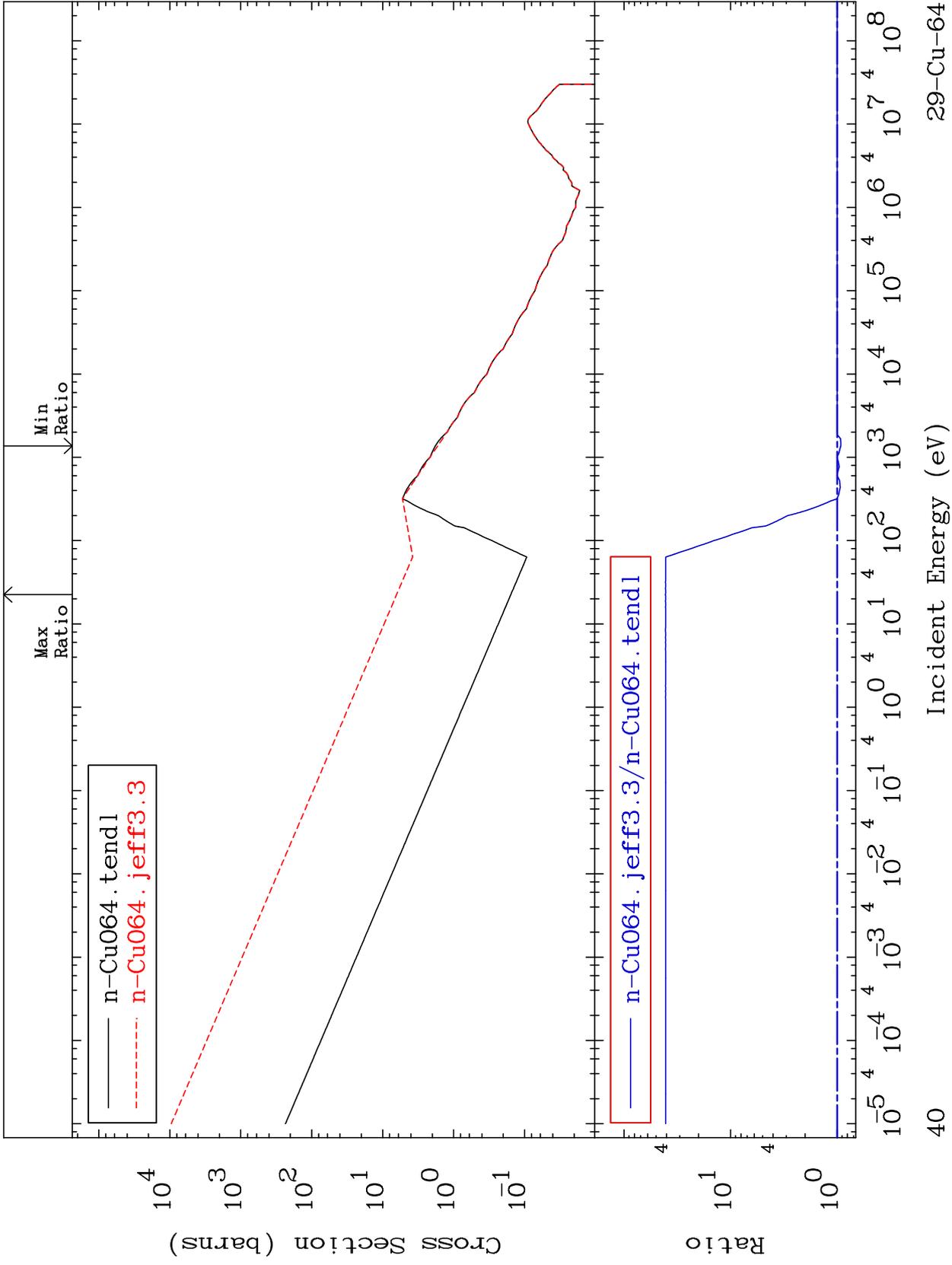
29-Cu-64
-0.008 To 0.579 %





MAT 2928

(n,p) Cross Section
29-Cu-64
-7.708 To 3981. %

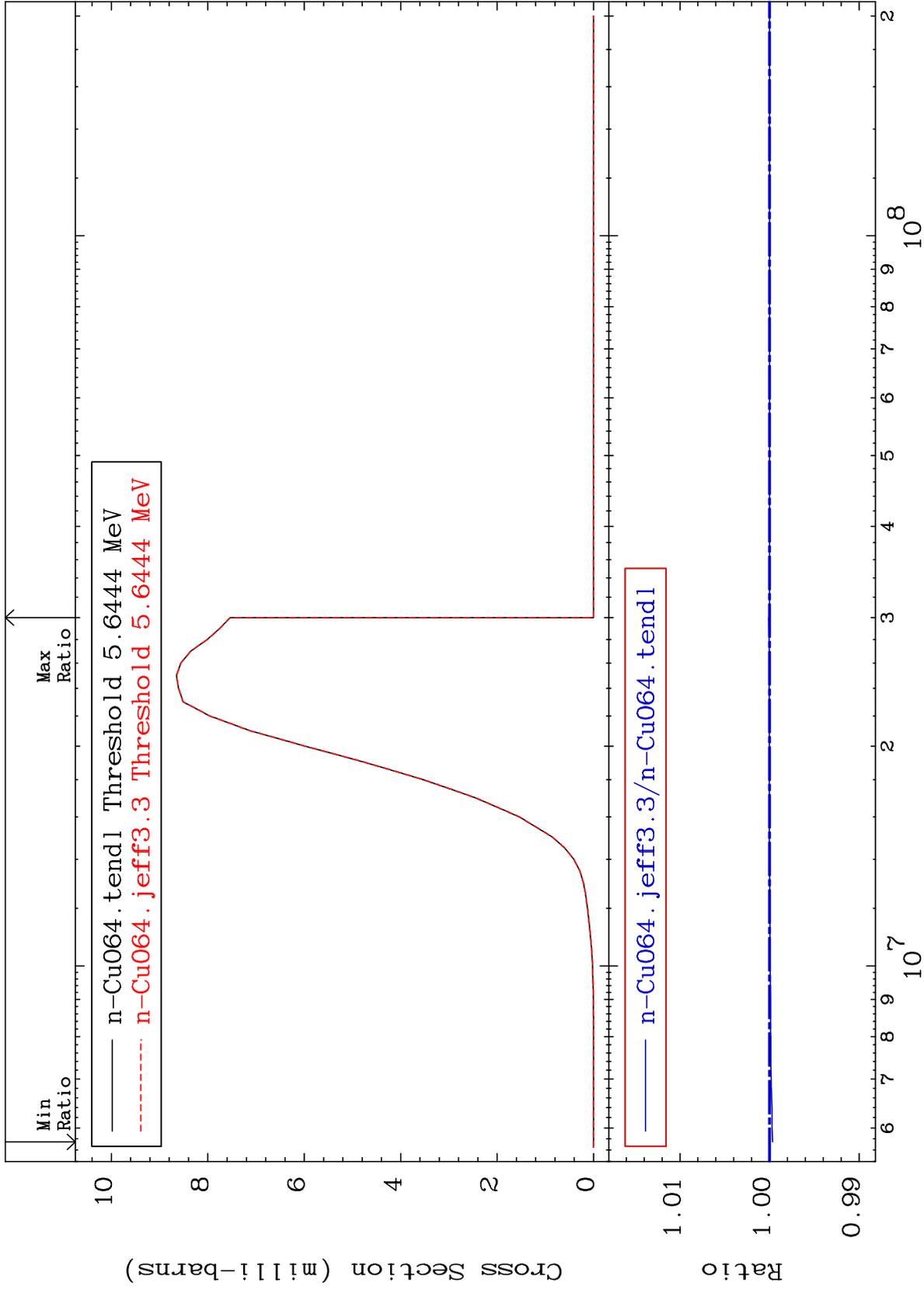


29-Cu-64

MAT 2928

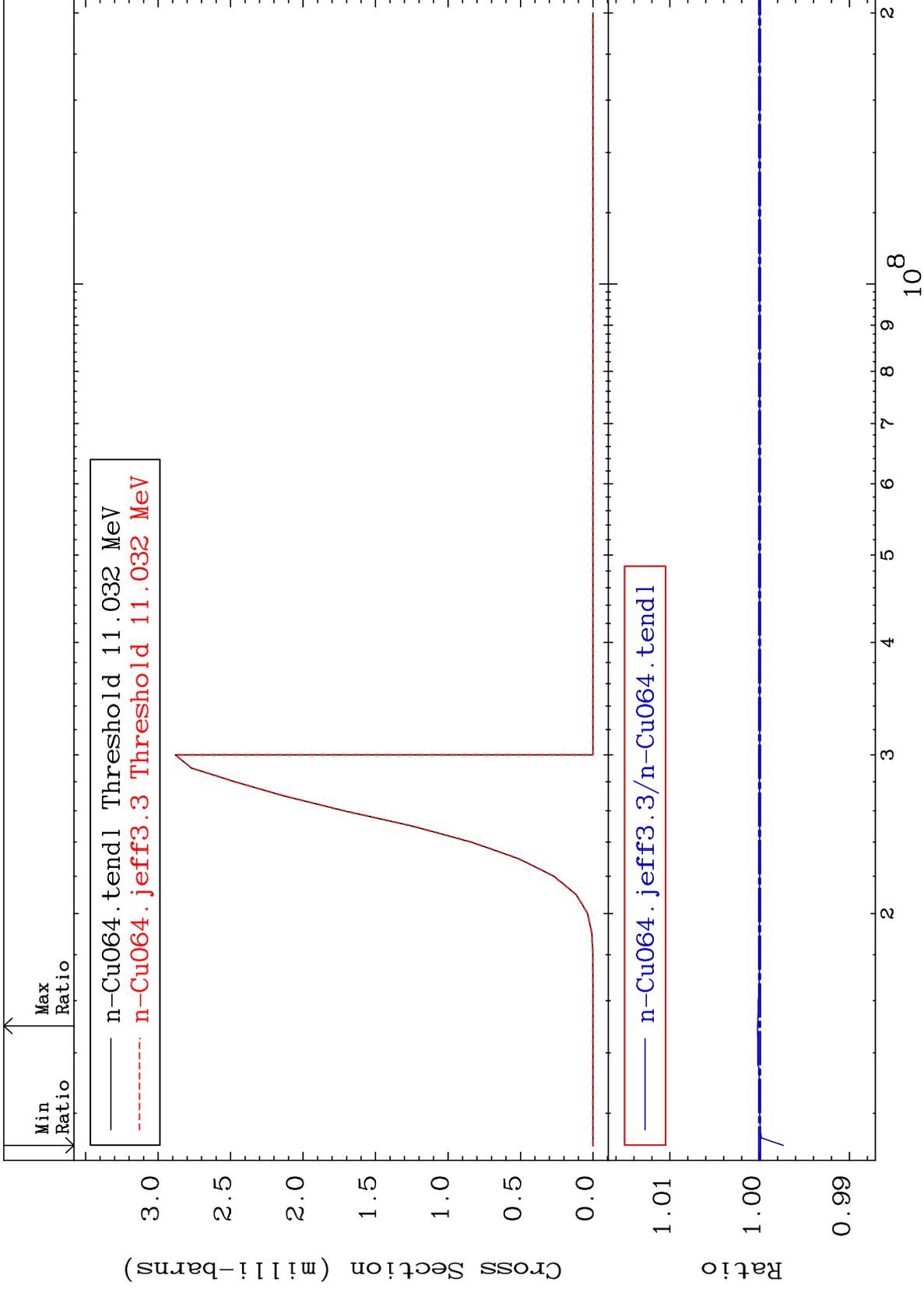
29-Cu-64

(n, t)
Cross Section
-0.036 To 0.010 %



Cross Section

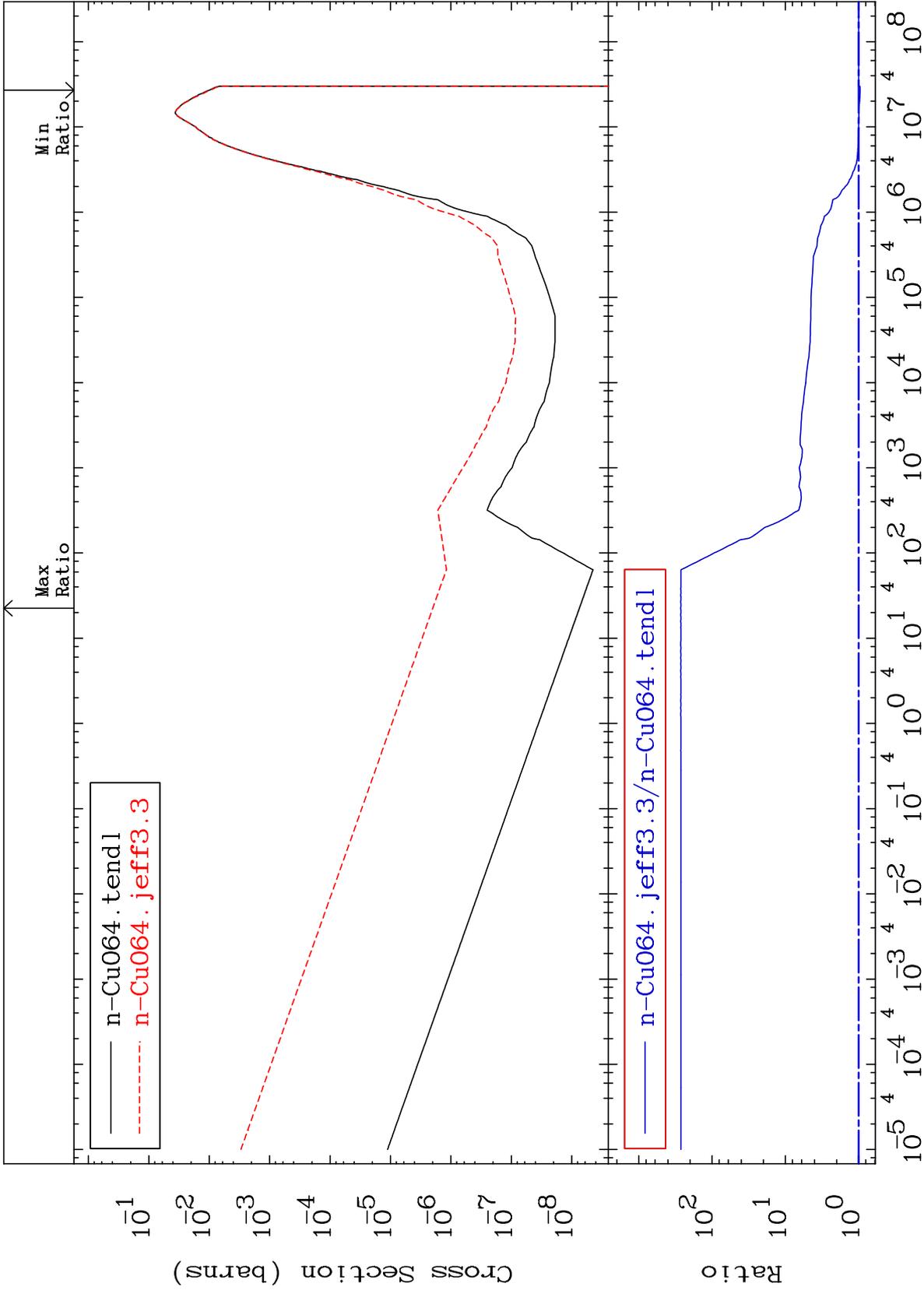
-0.263 To 0.022 %



MAT 2928

(n, α)
Cross Section

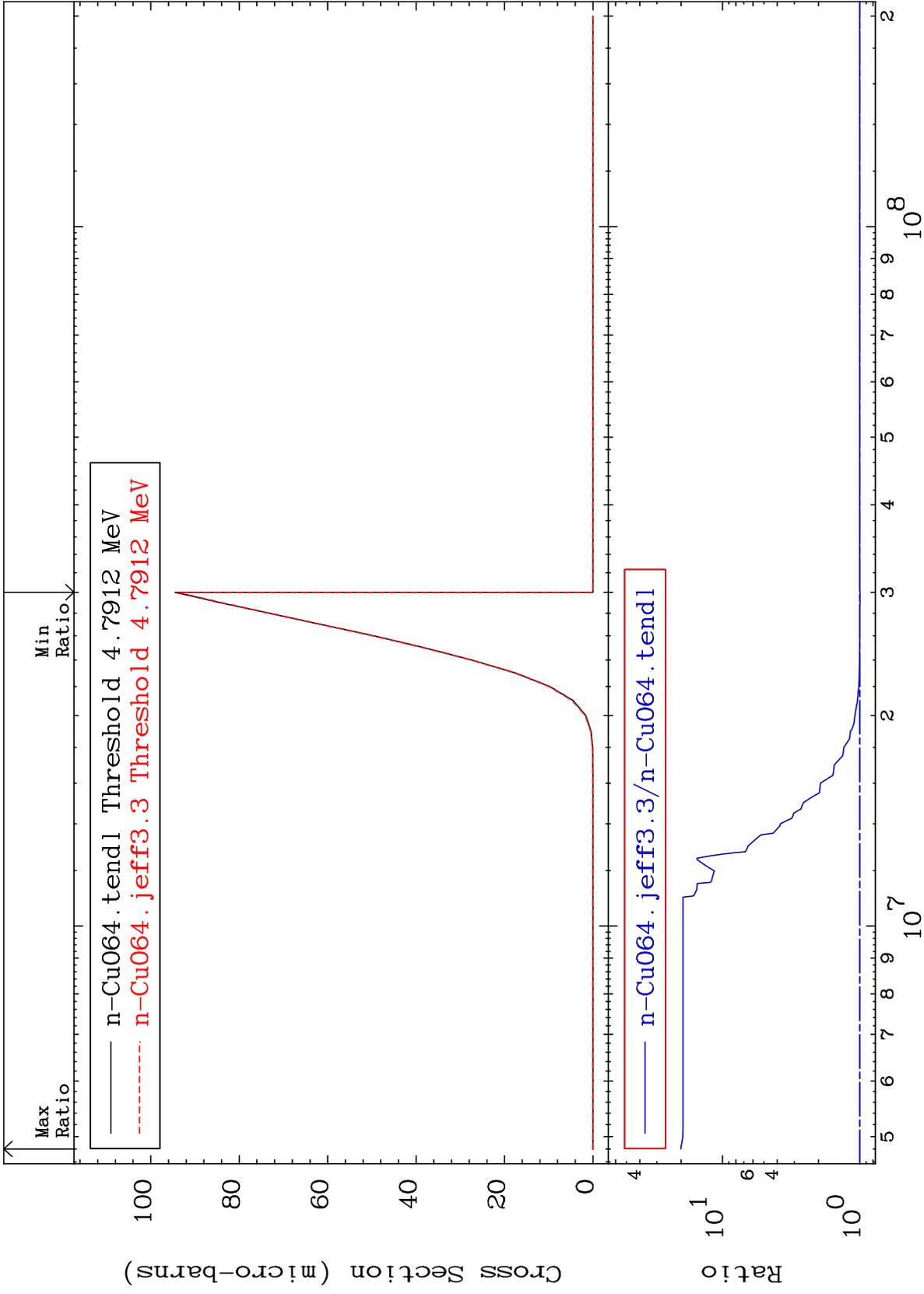
29-Cu-64
-4.287 To 9999. %



29-Cu-64

Incident Energy (eV)

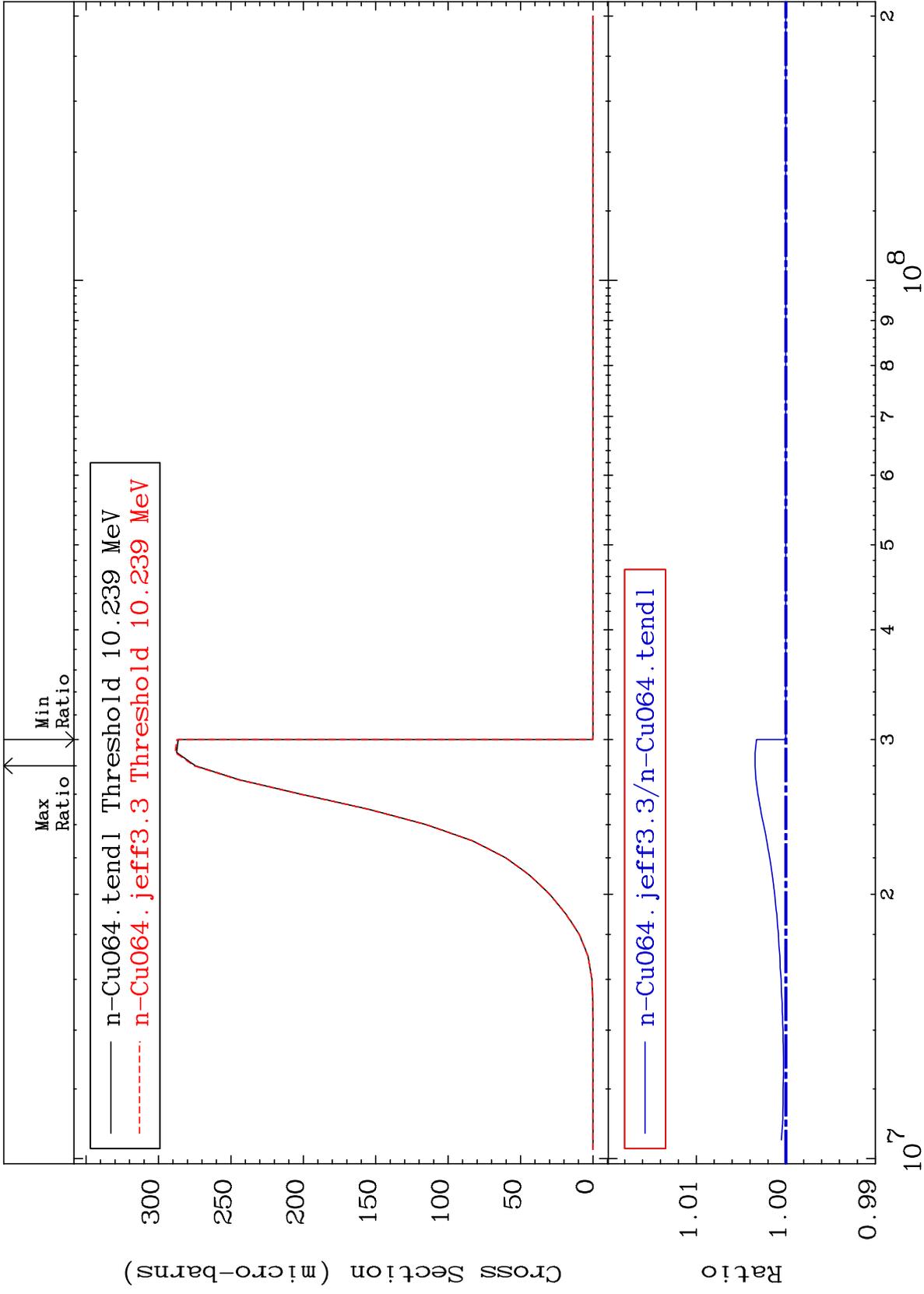
43



MAT 2928

(n,2p)
Cross Section

29-Cu-64
To 0.344 %



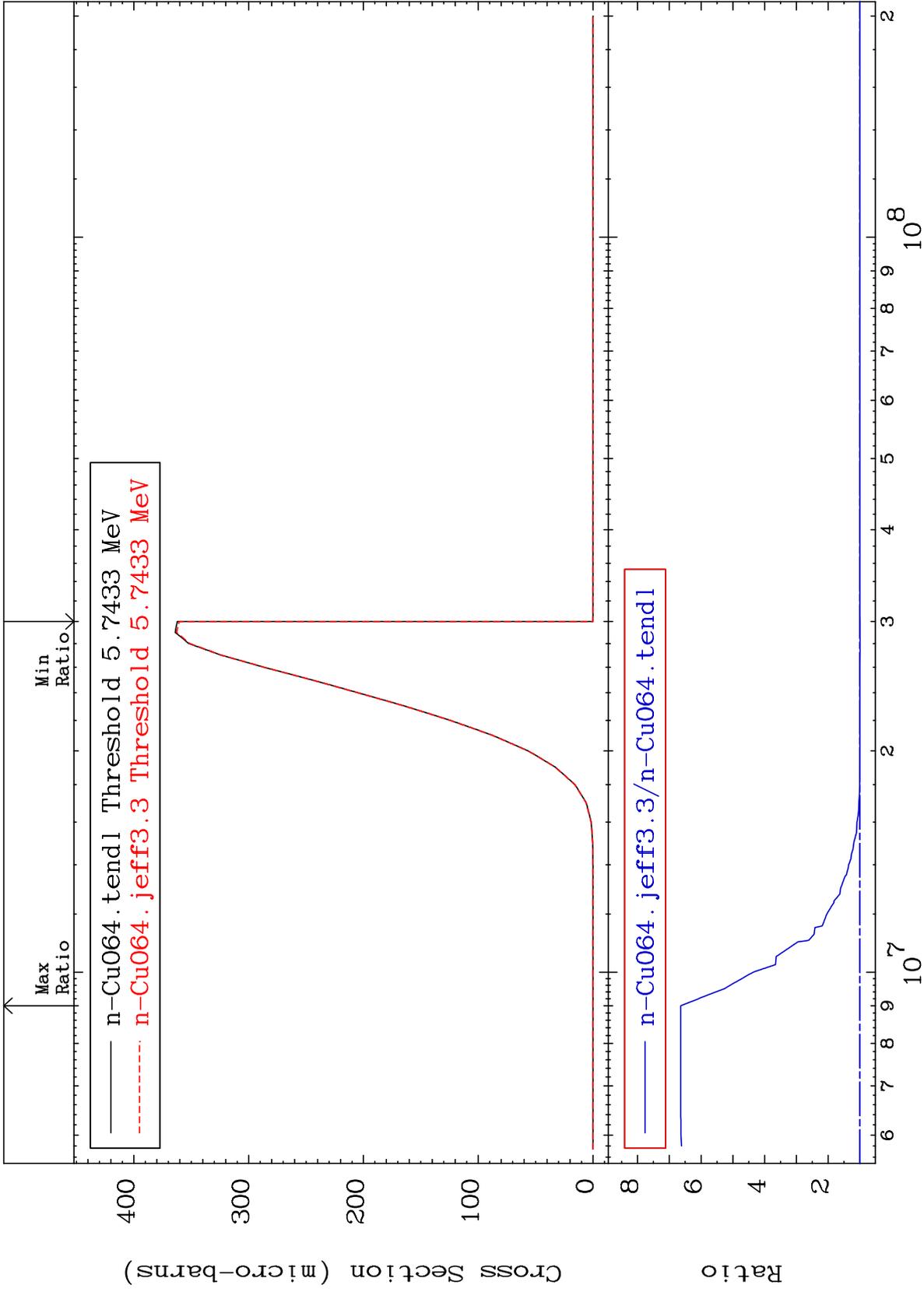
MAT 2928

(n, p) α

²⁹Cu-64

Cross Section

-0.497 To 564.0 %



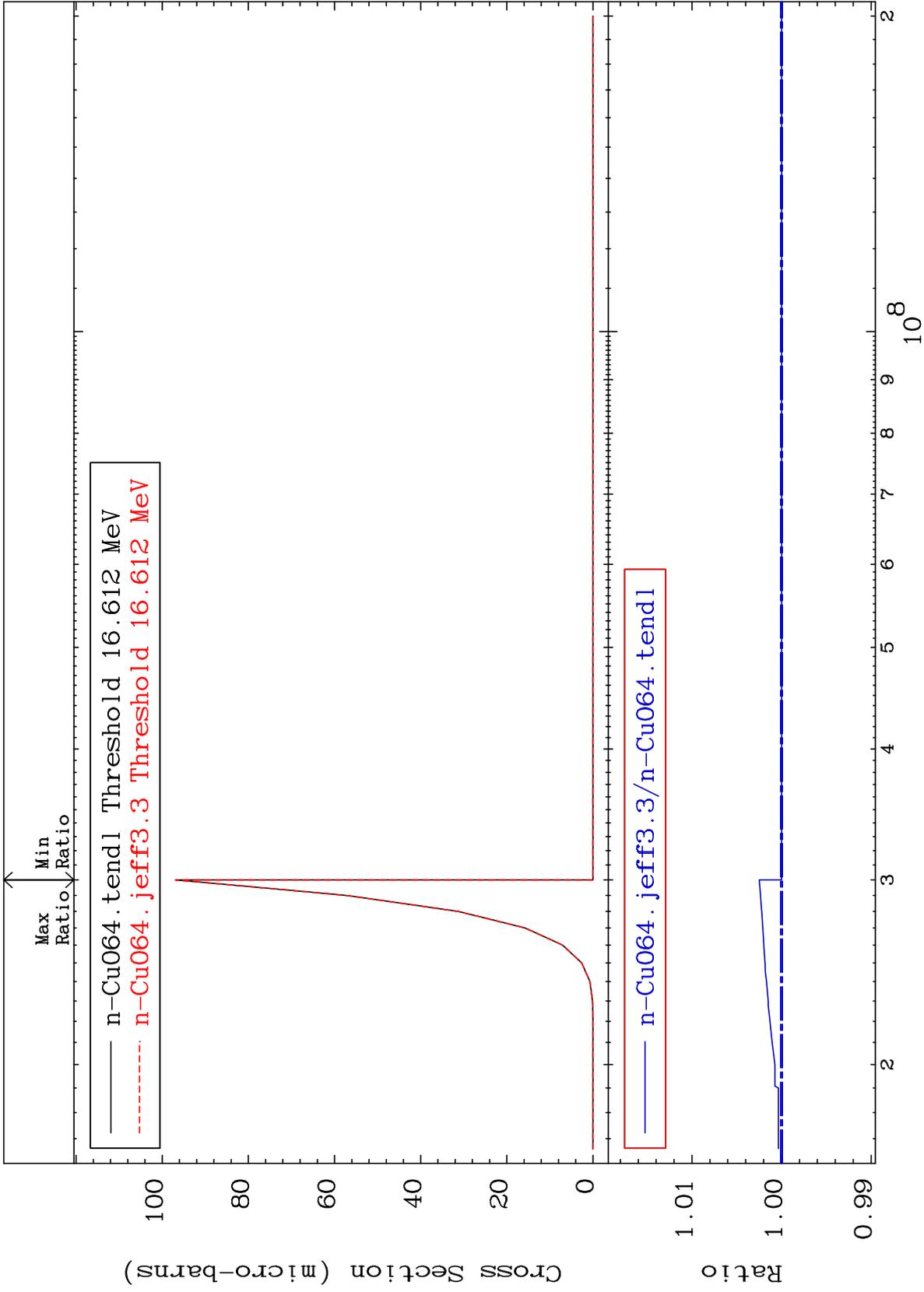
MAT 2928

(n, p) d

²⁹Cu-64

Cross Section

0.000 To 0.248 %



MAT 2928

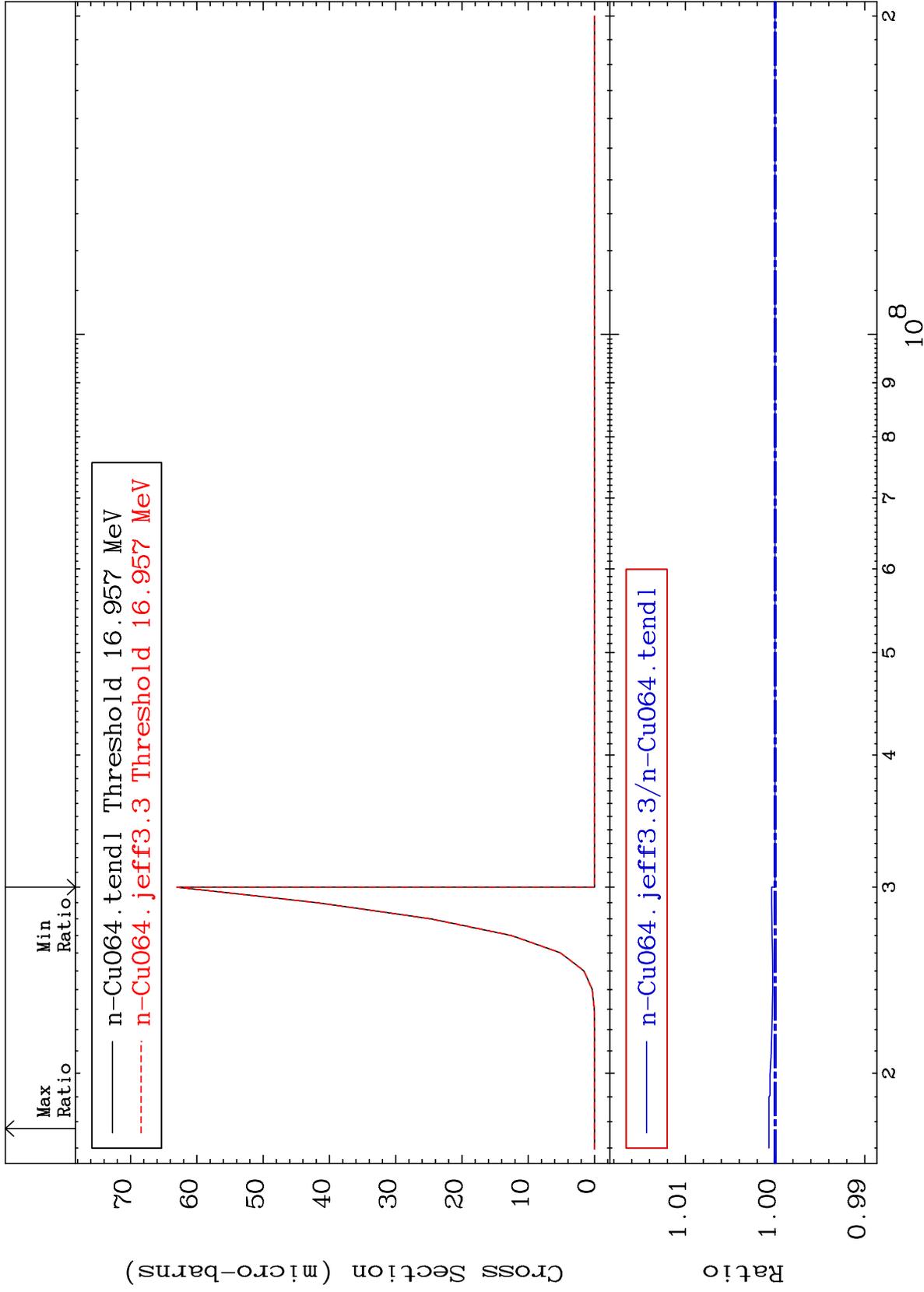
(n,p) t

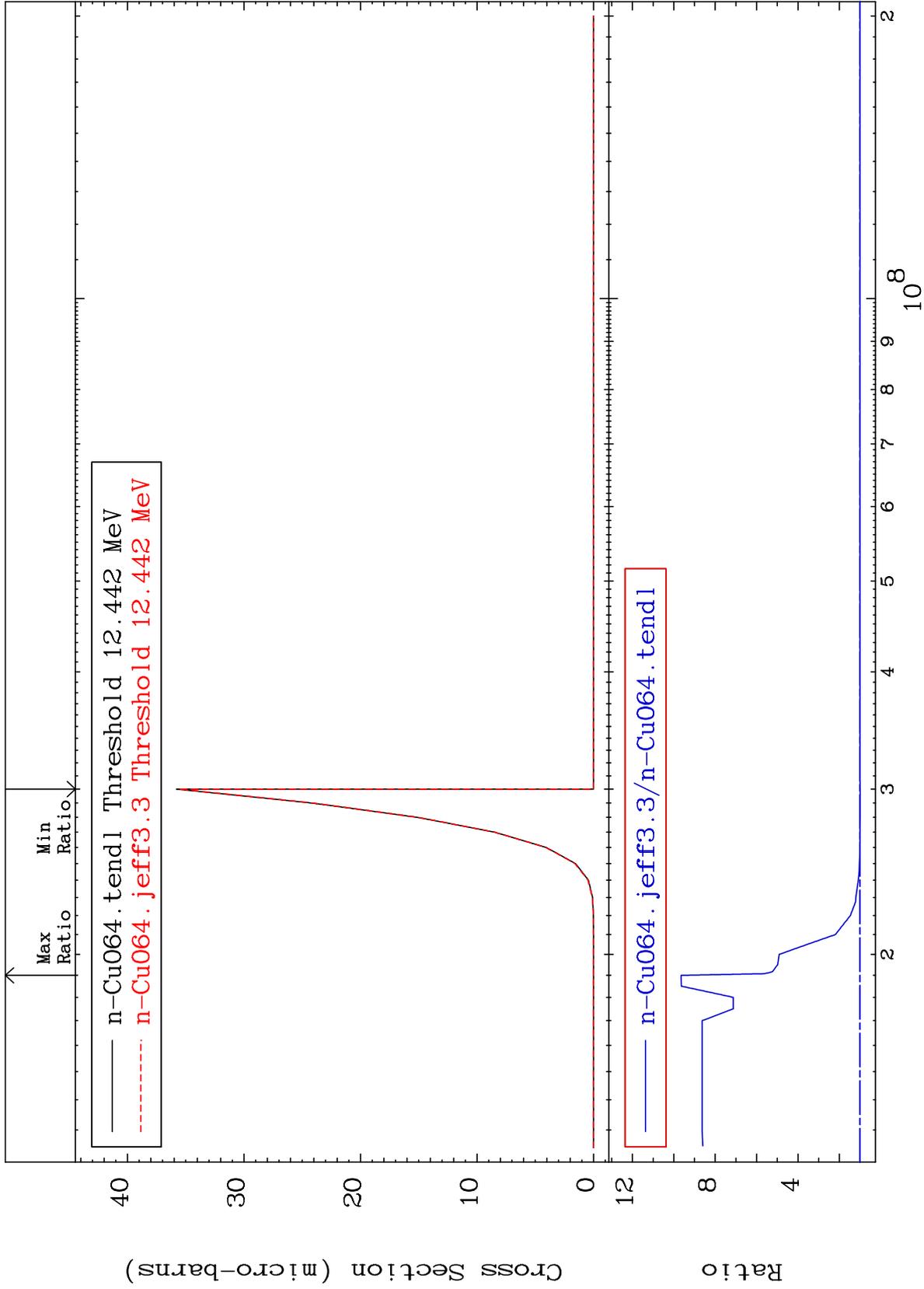
²⁹Cu-64

Cross Section

0.000

To 0.069 %

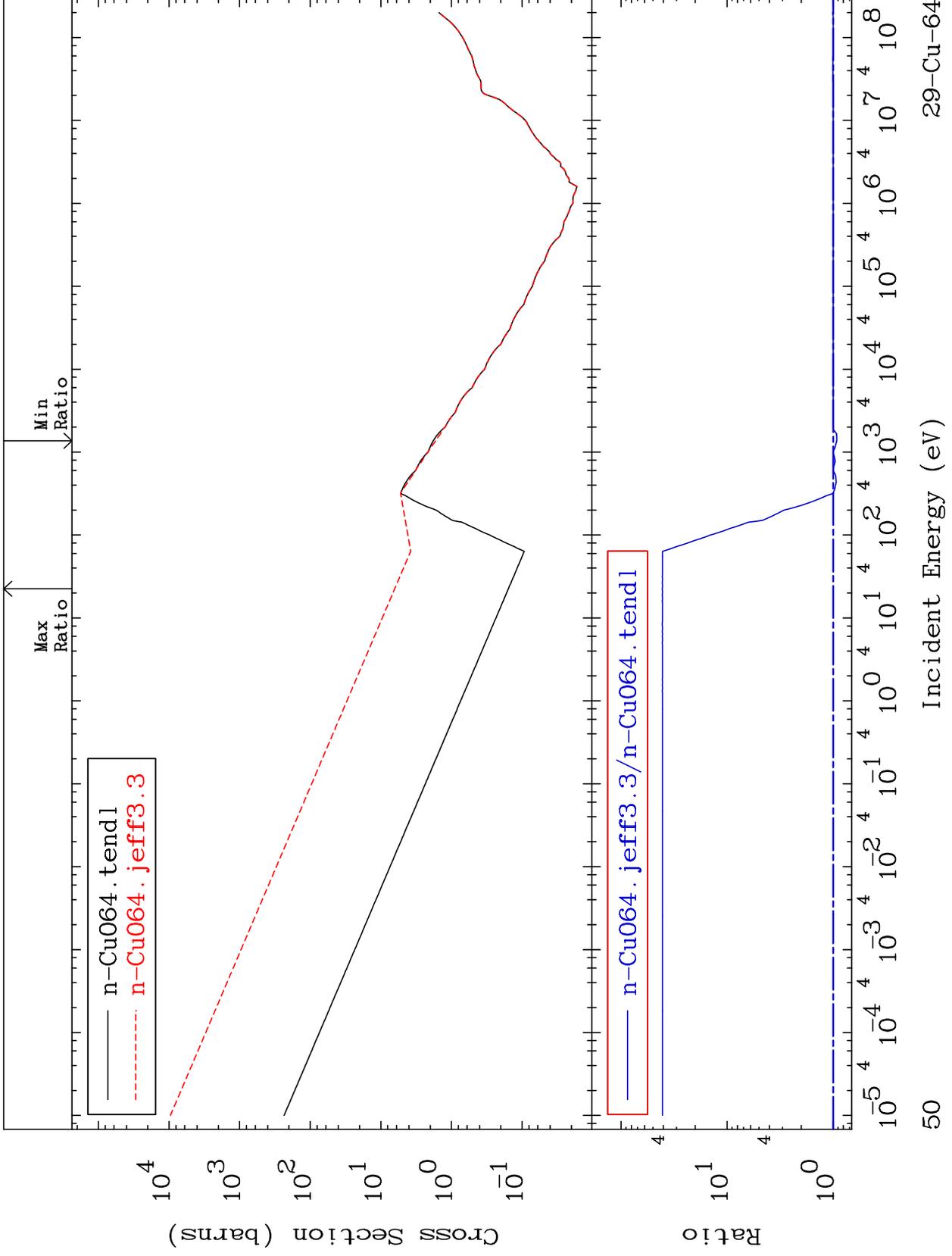




MAT 2928

Hydrogen Production
Cross Section

²⁹-Cu-64
-7.708 To 3981. %



50

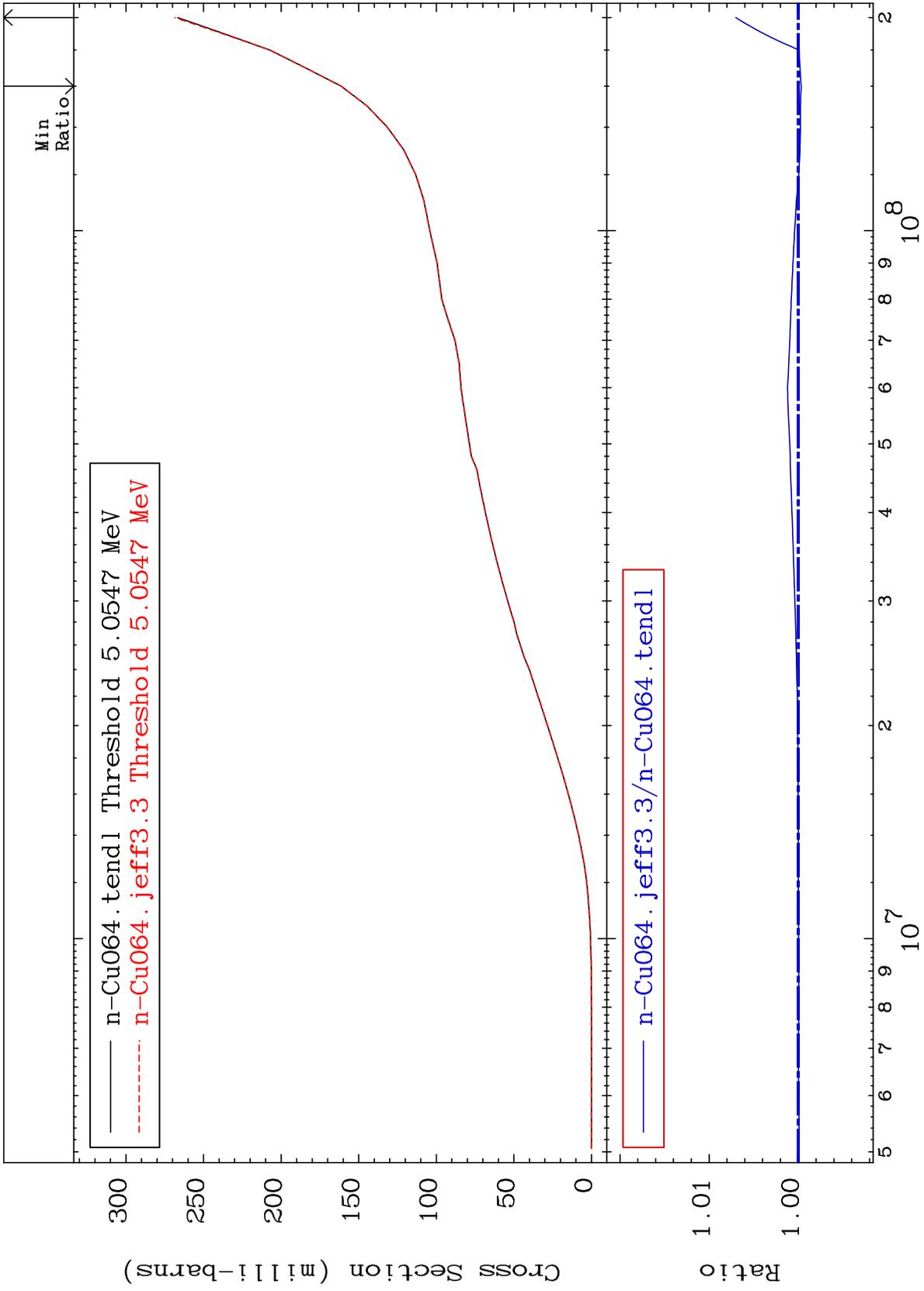
Incident Energy (eV)

²⁹-Cu-64

MAT 2928

Deuterium Production
Cross Section

²⁹-Cu-64
-0.033 To 0.700 %



51

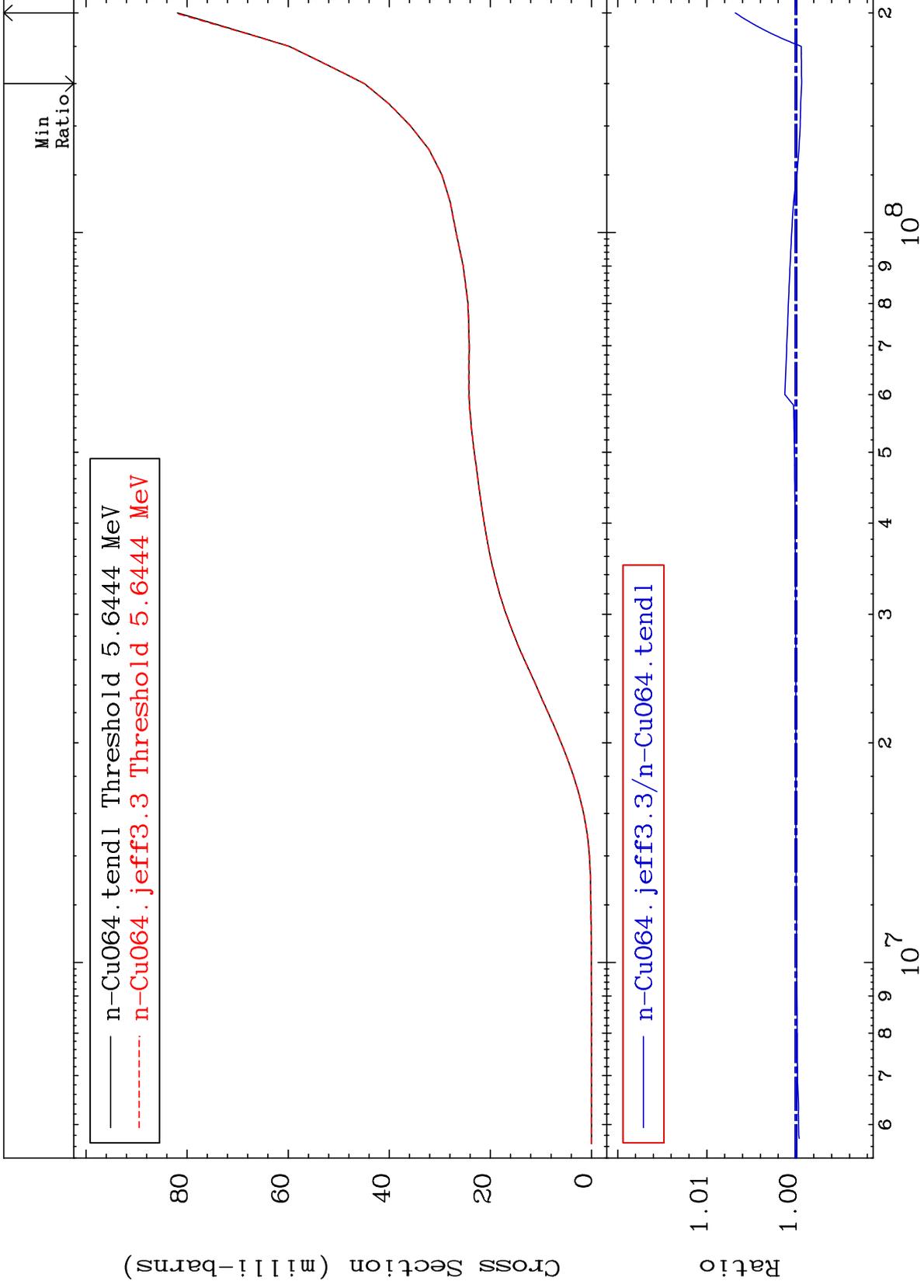
Incident Energy (eV)

²⁹-Cu-64

MAT 2928

Tritium Production
Cross Section

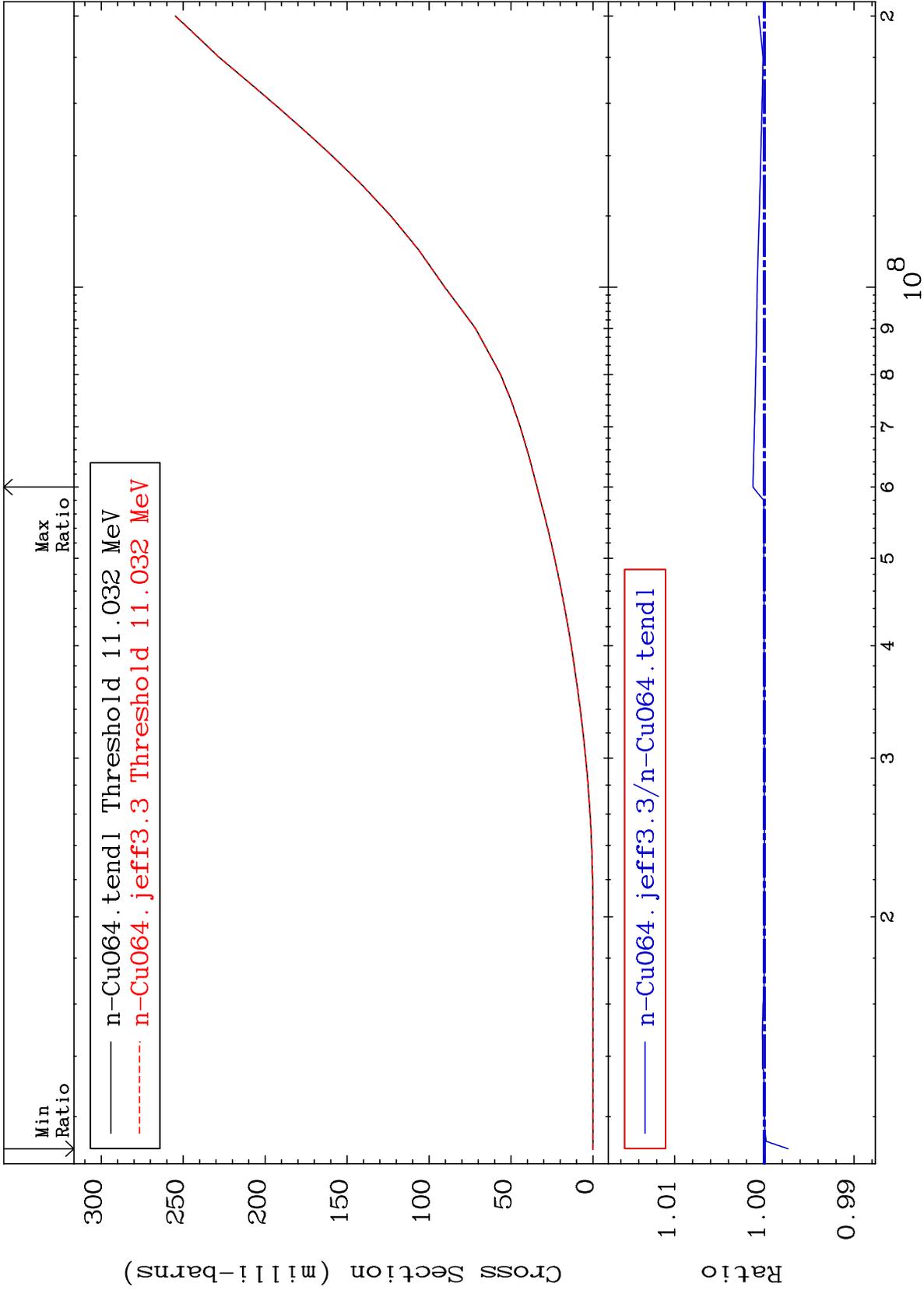
²⁹-Cu-64
-0.064 To 0.681 %

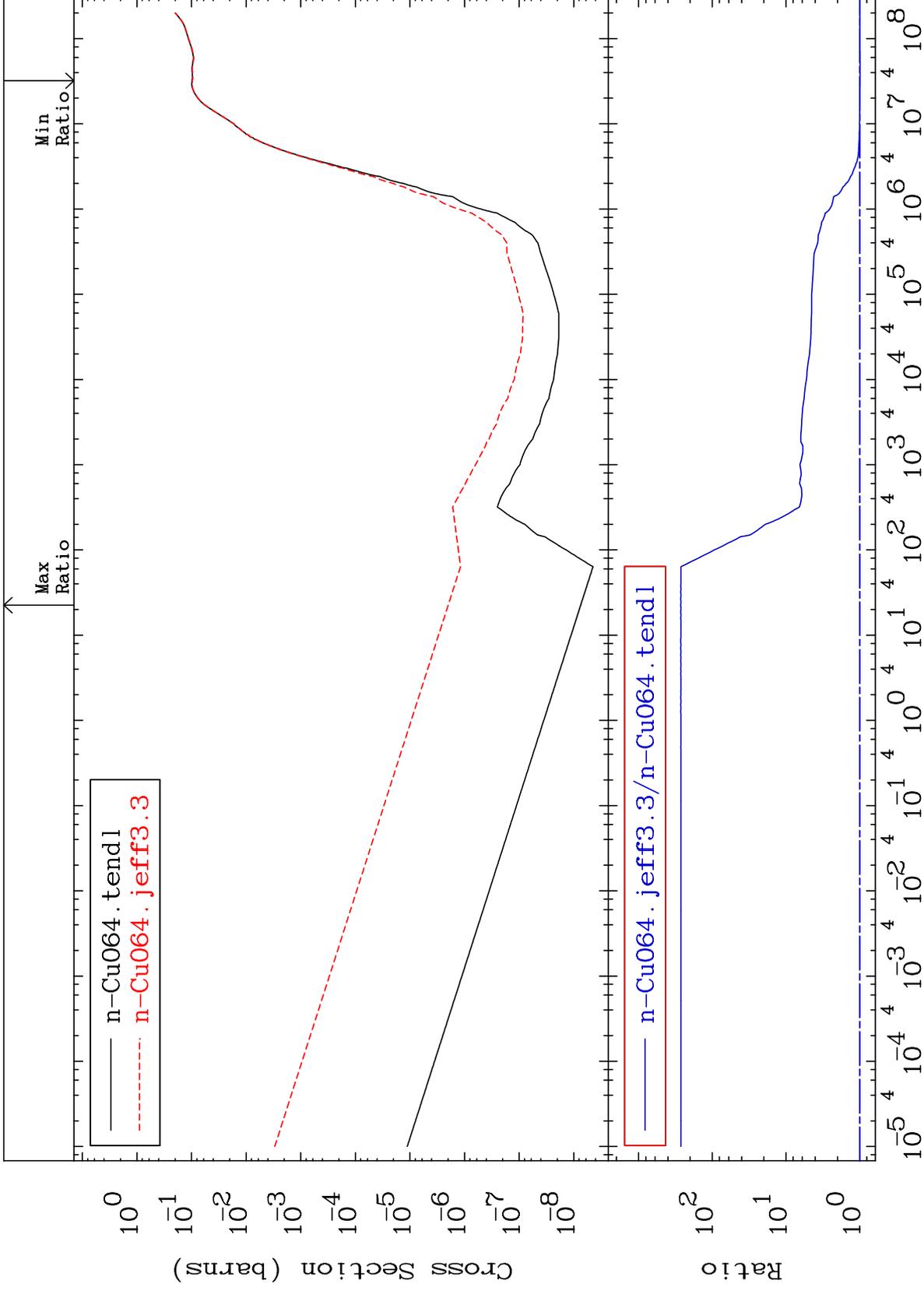


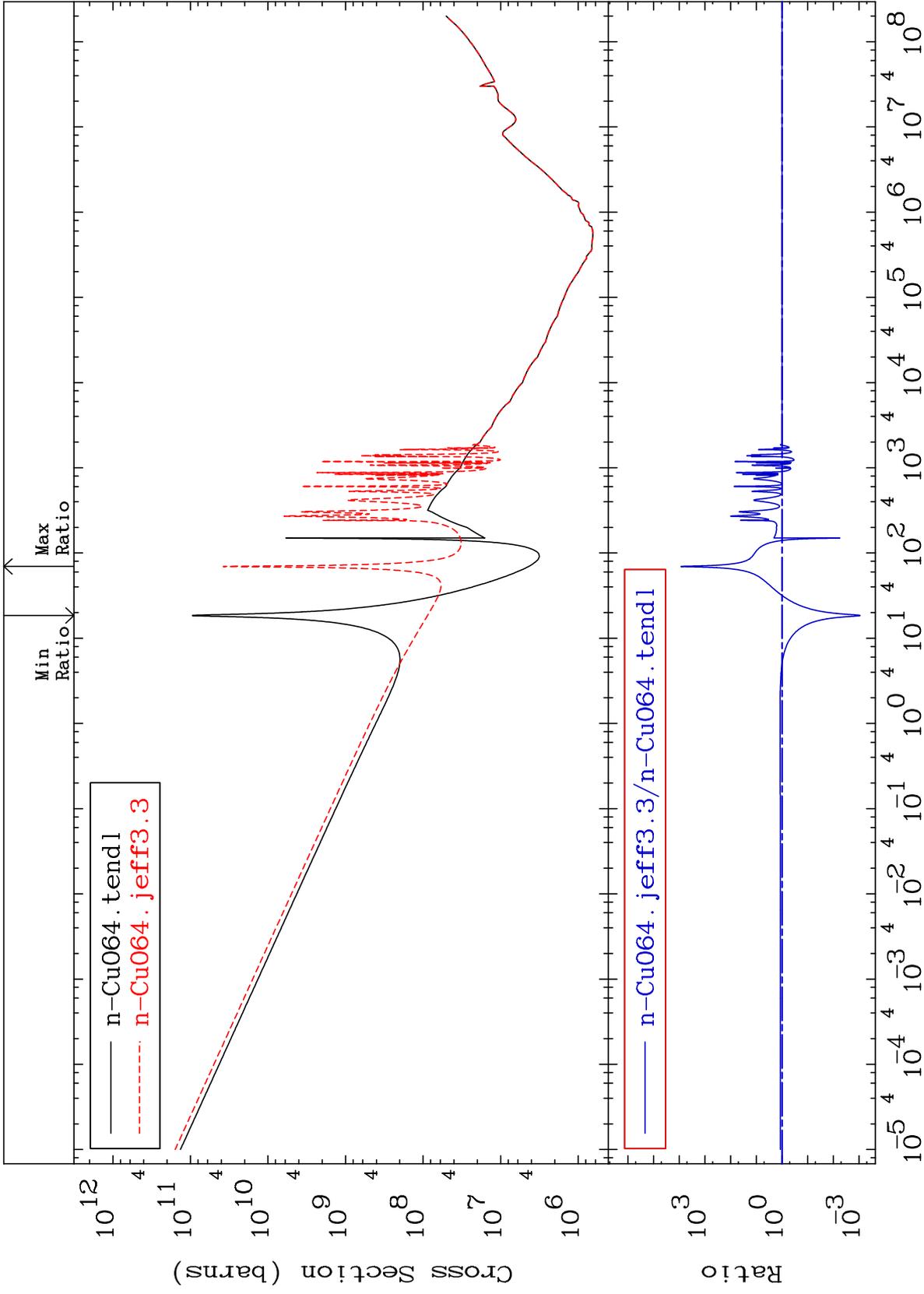
52

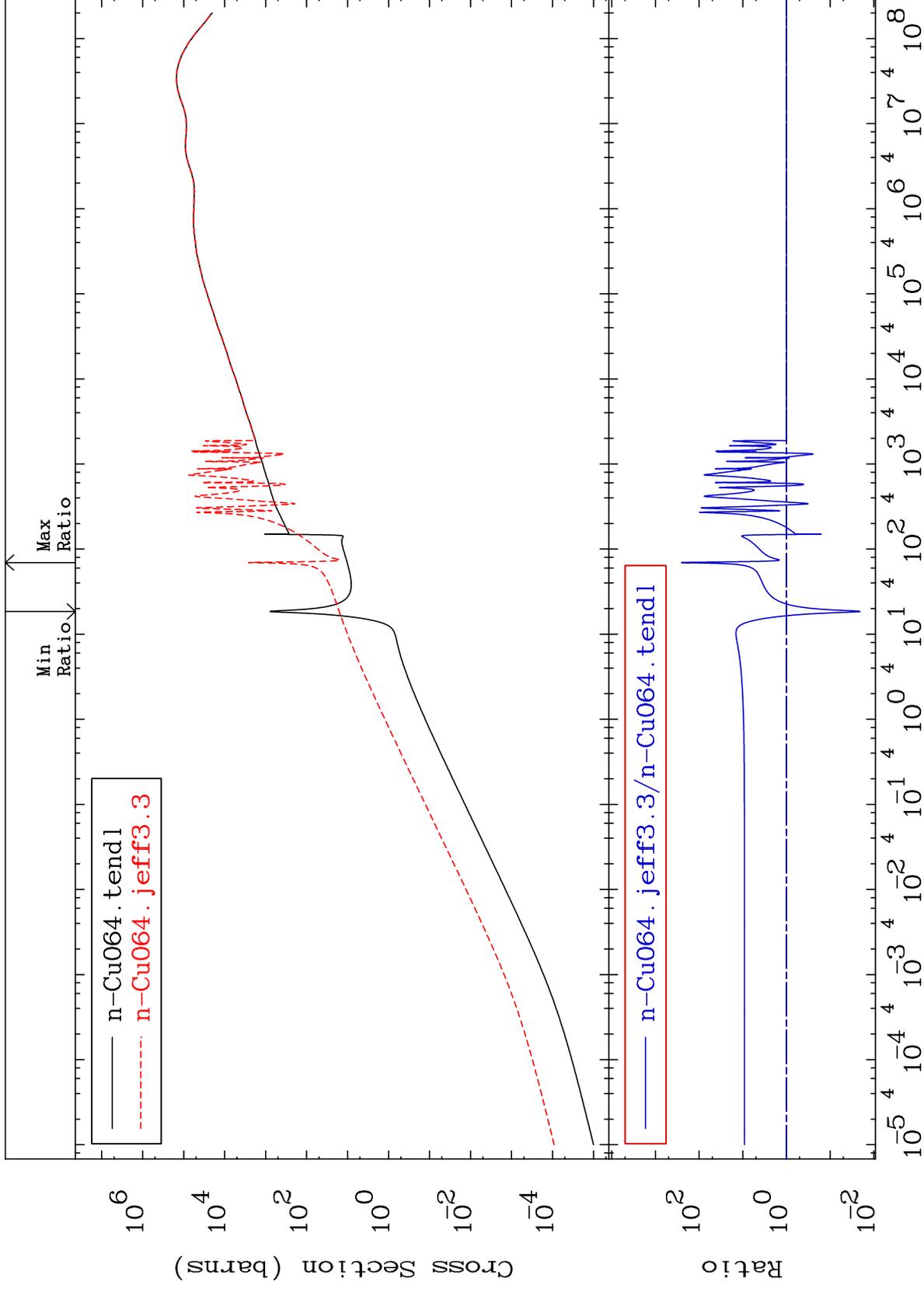
Incident Energy (eV)

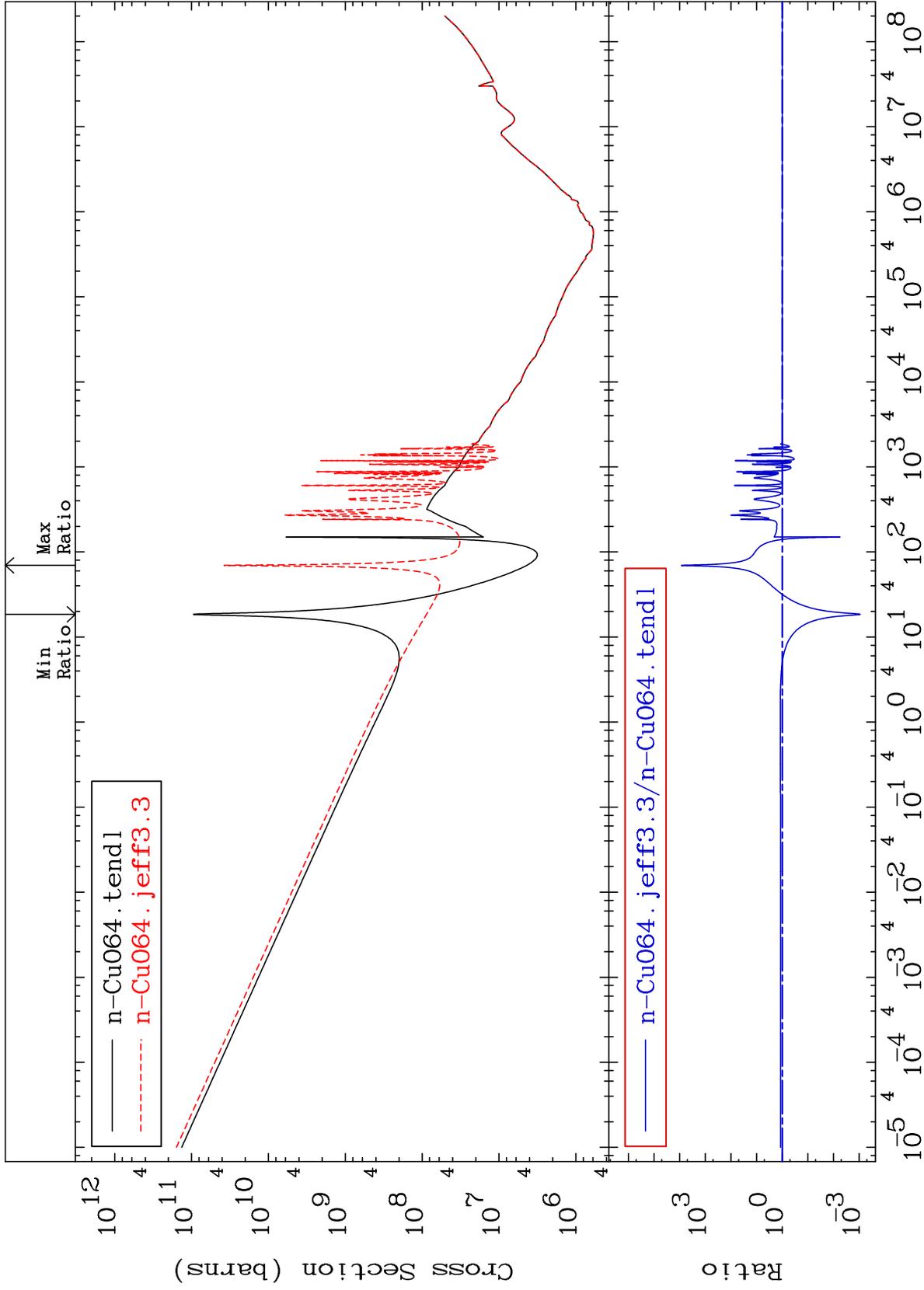
²⁹-Cu-64

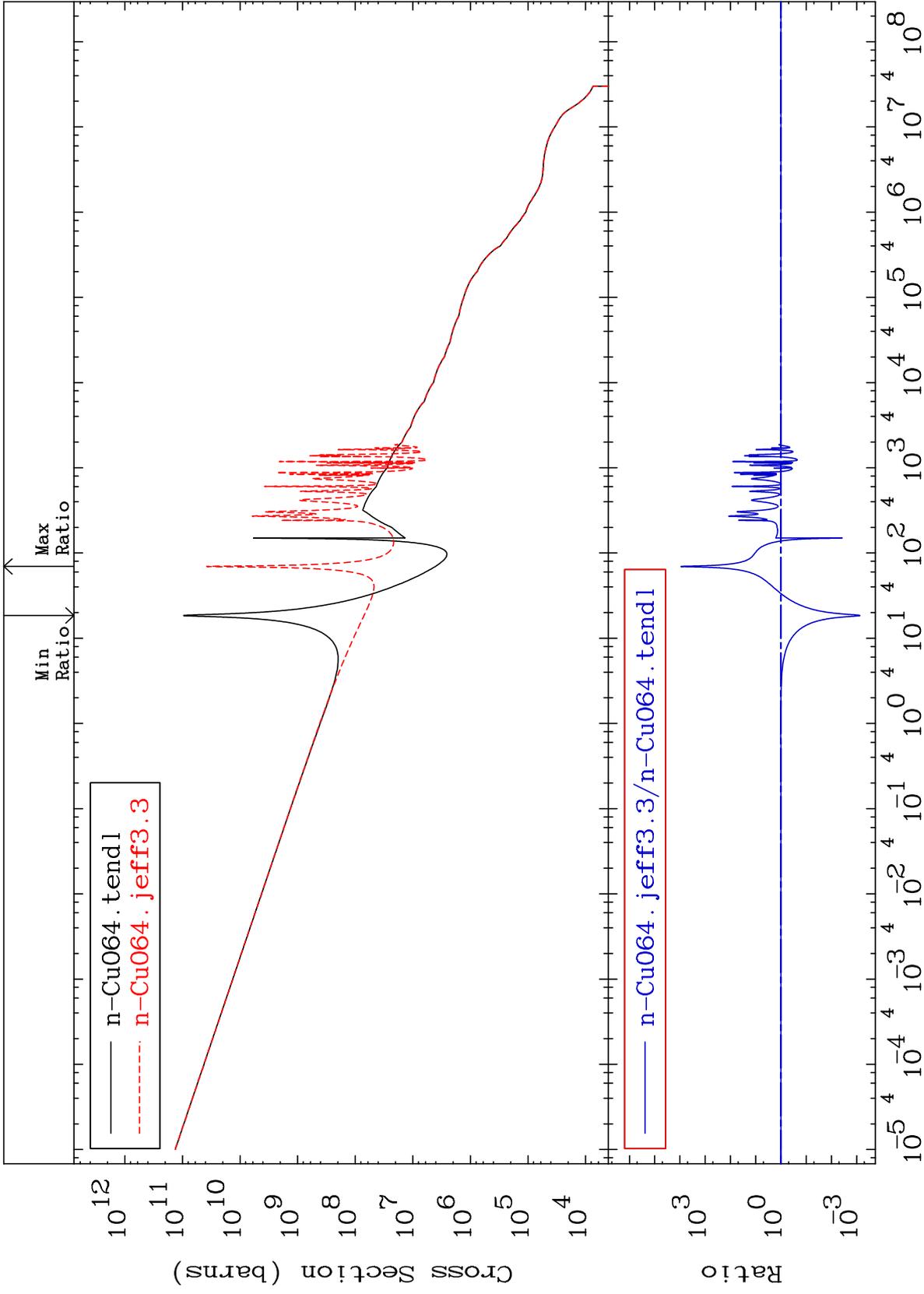


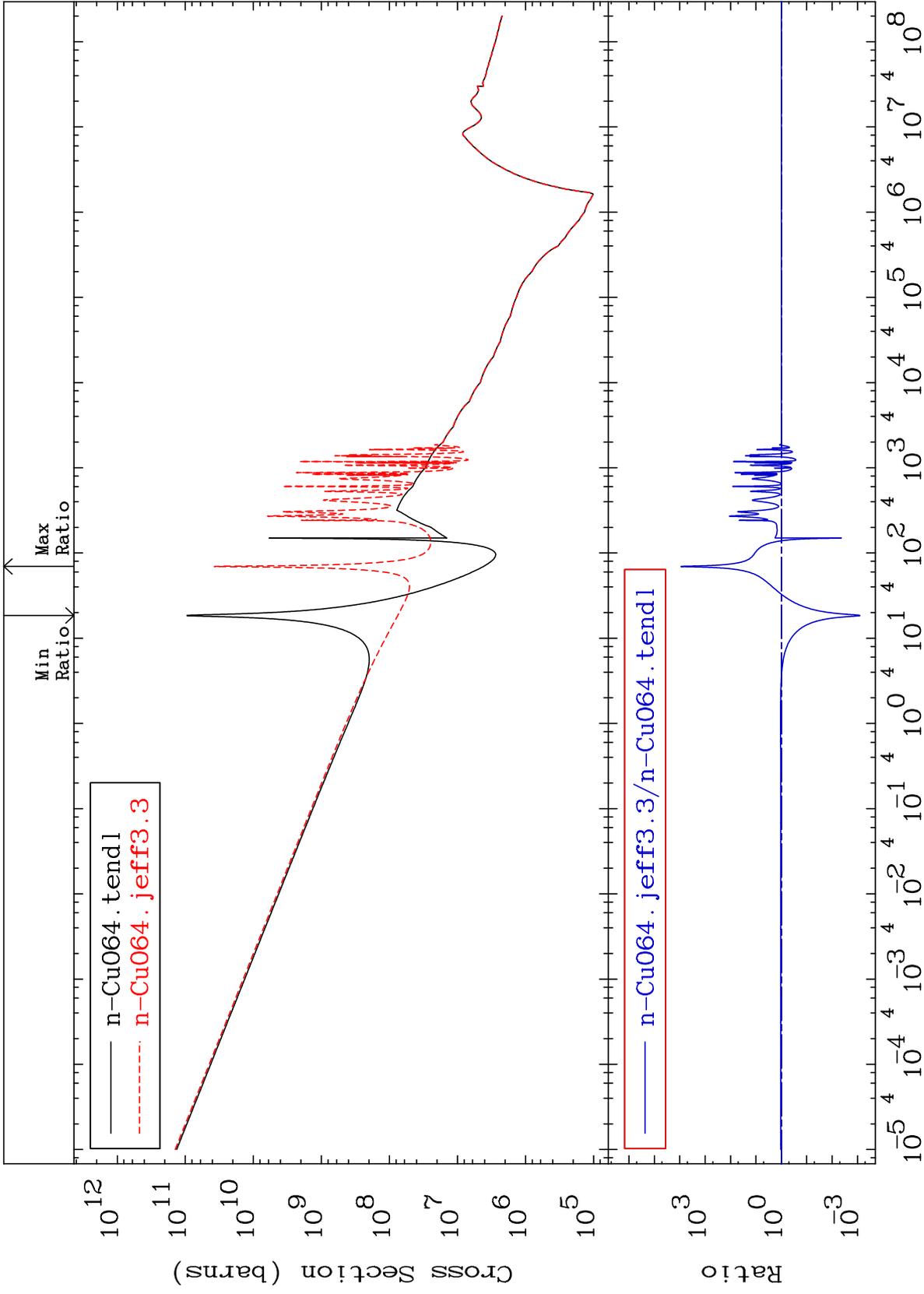


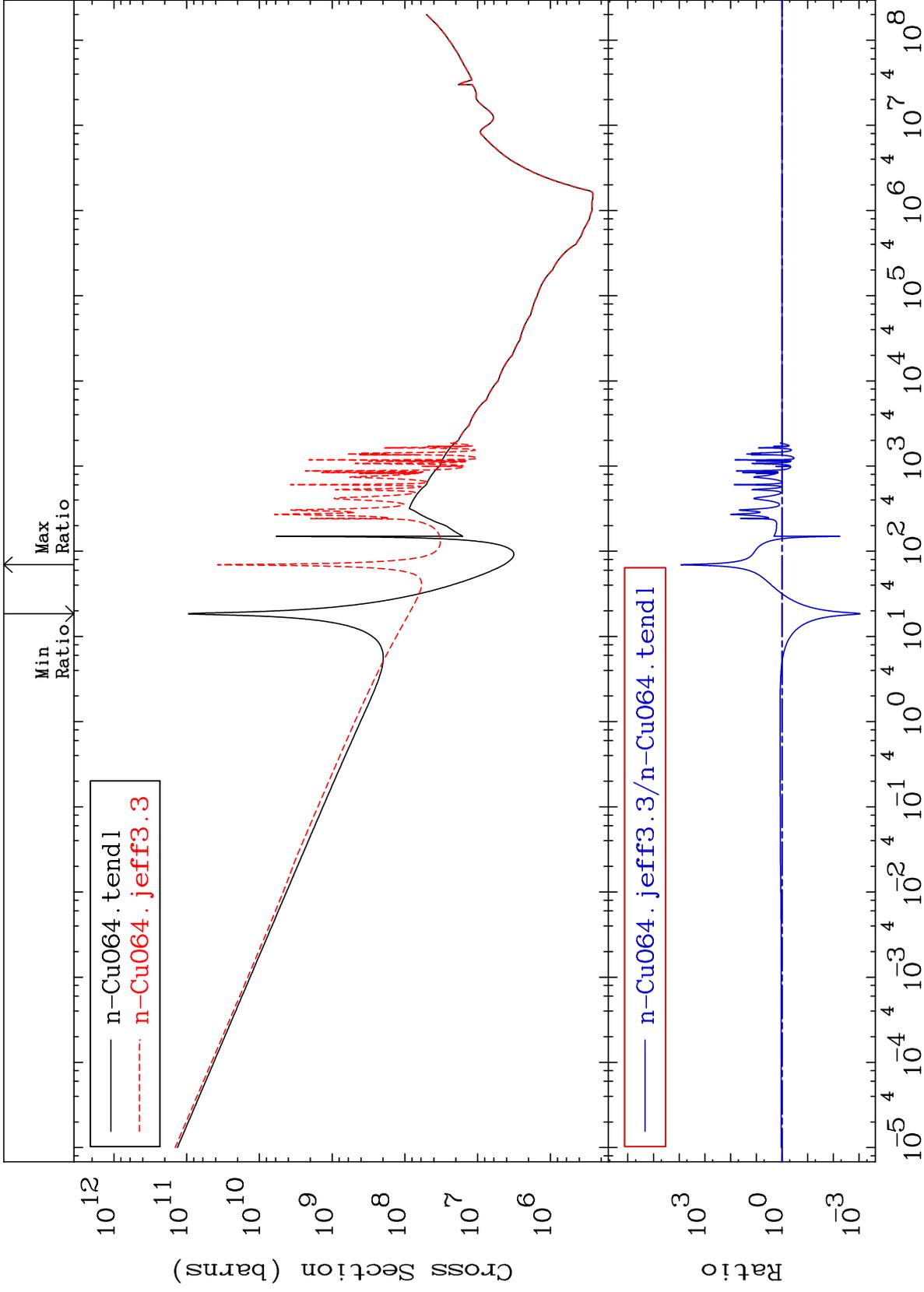


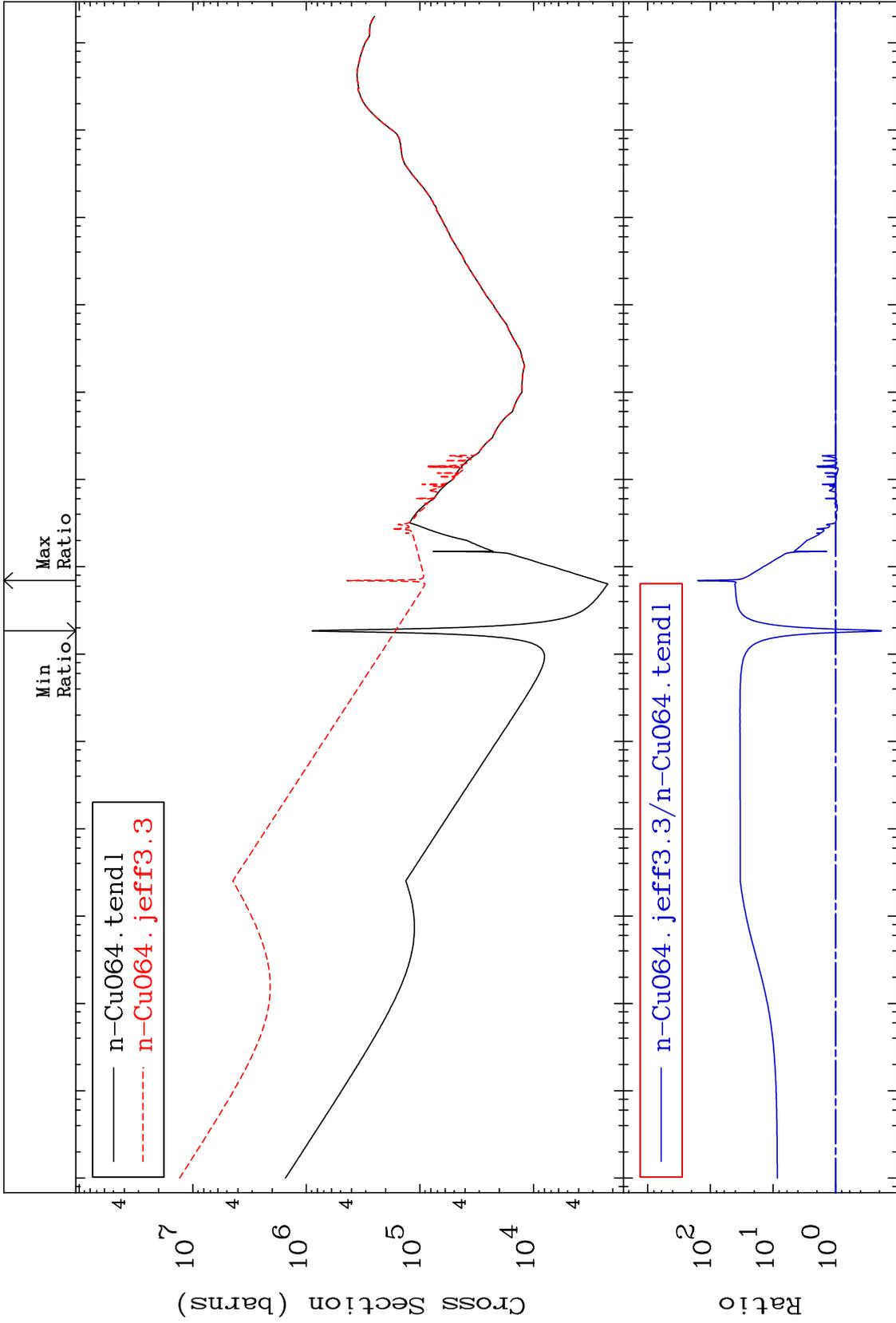


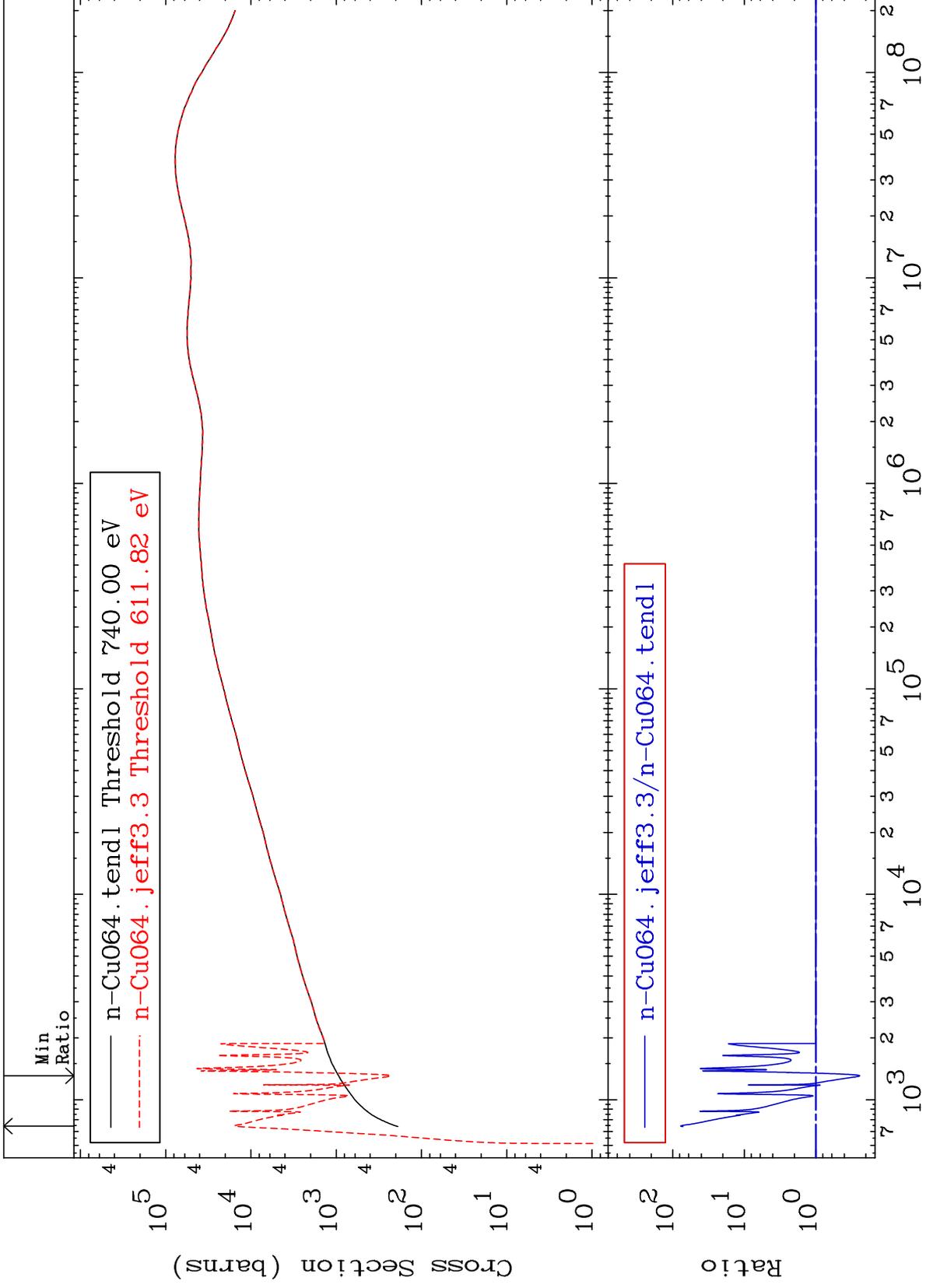


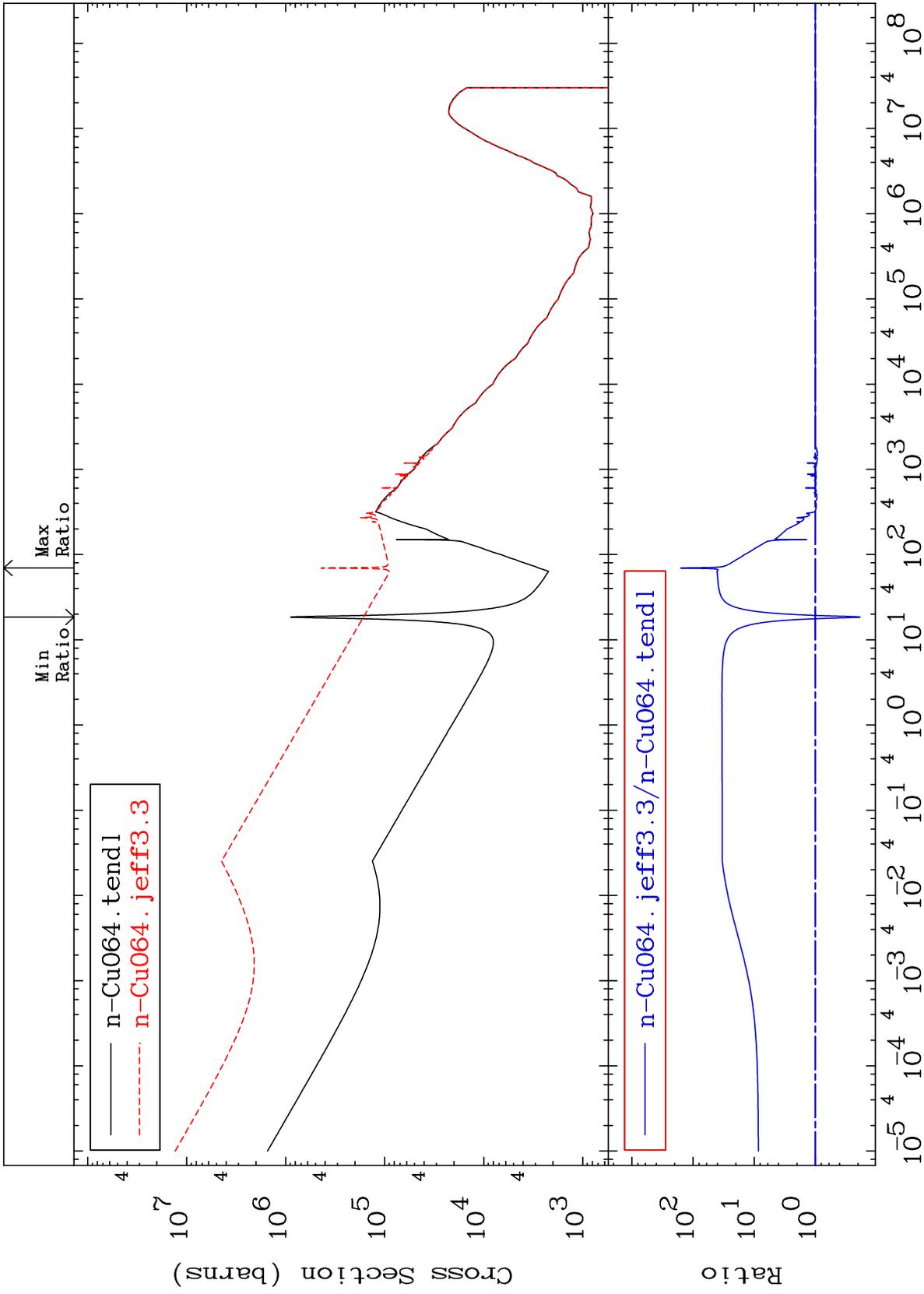










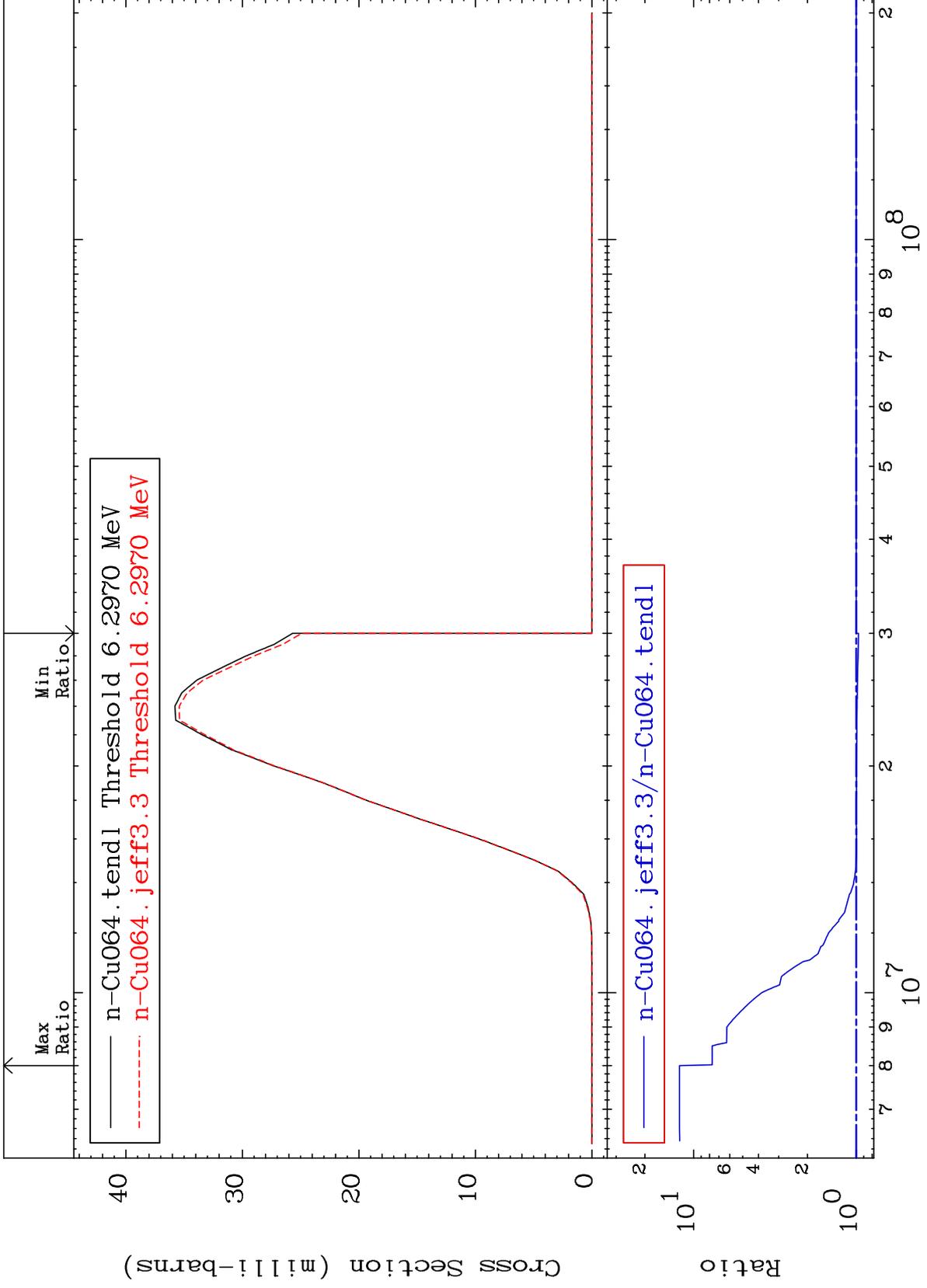


MAT 2928

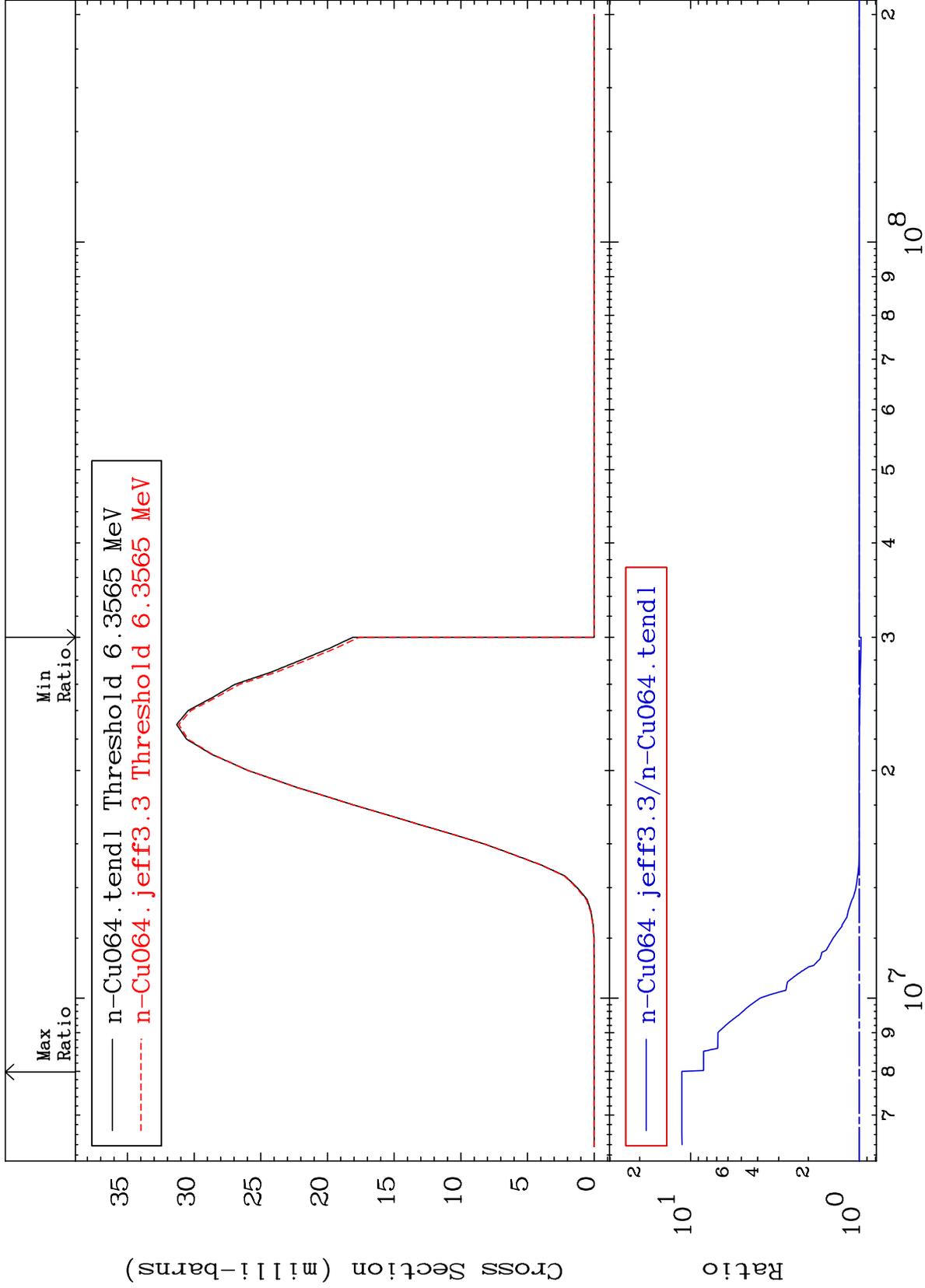
(n, n') α :27-Co-60g

29-Cu-64

Radionuclide Production Cross Section -3.081 To 1123. %



Radionuclide Production Cross Section -2.595 To 1025. %

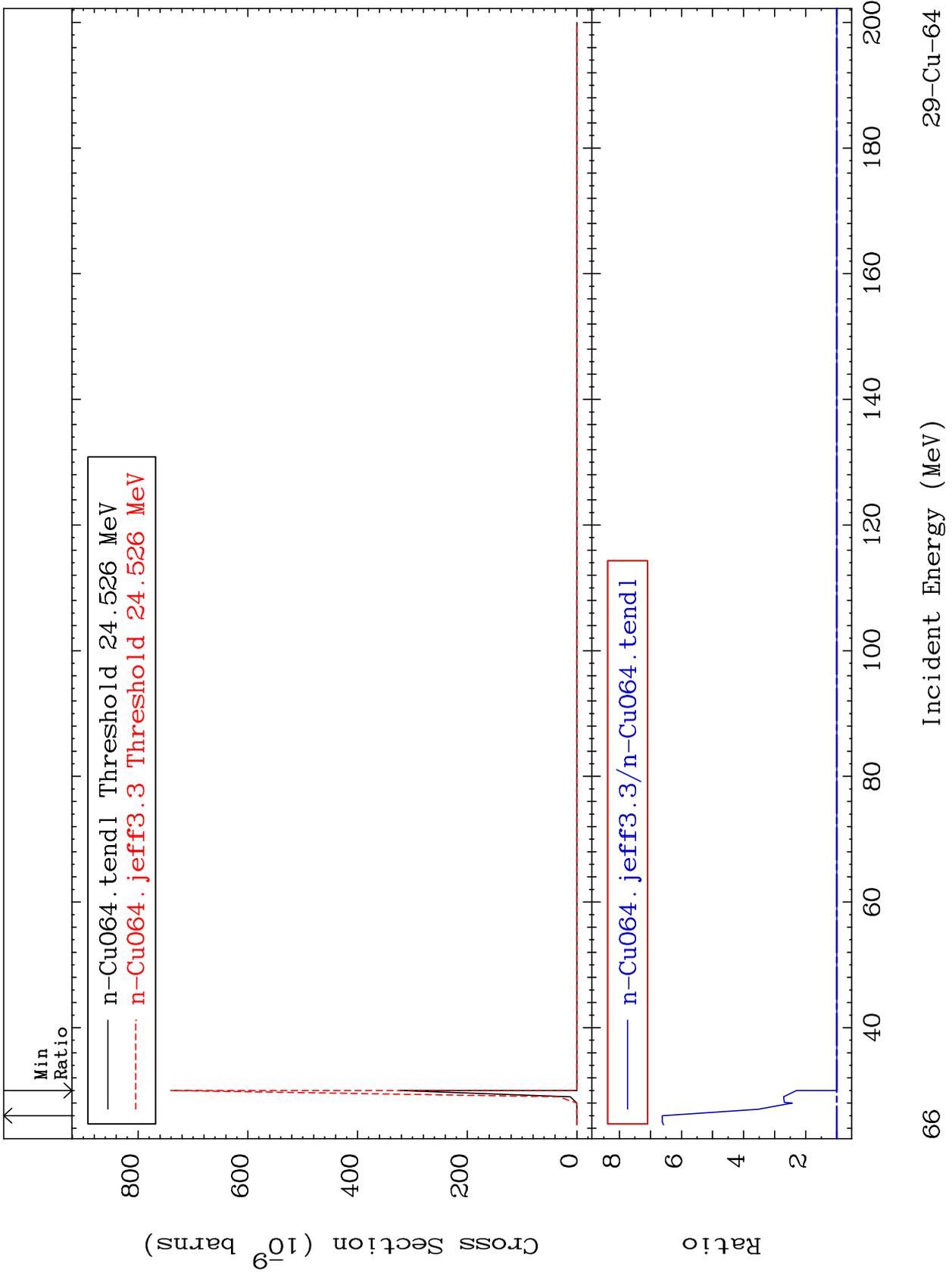


MAT 2928

(n,3n) α :27-Co-58g

29-Cu-64

Radionuclide Production Cross Section 0.000 To 561.7 %

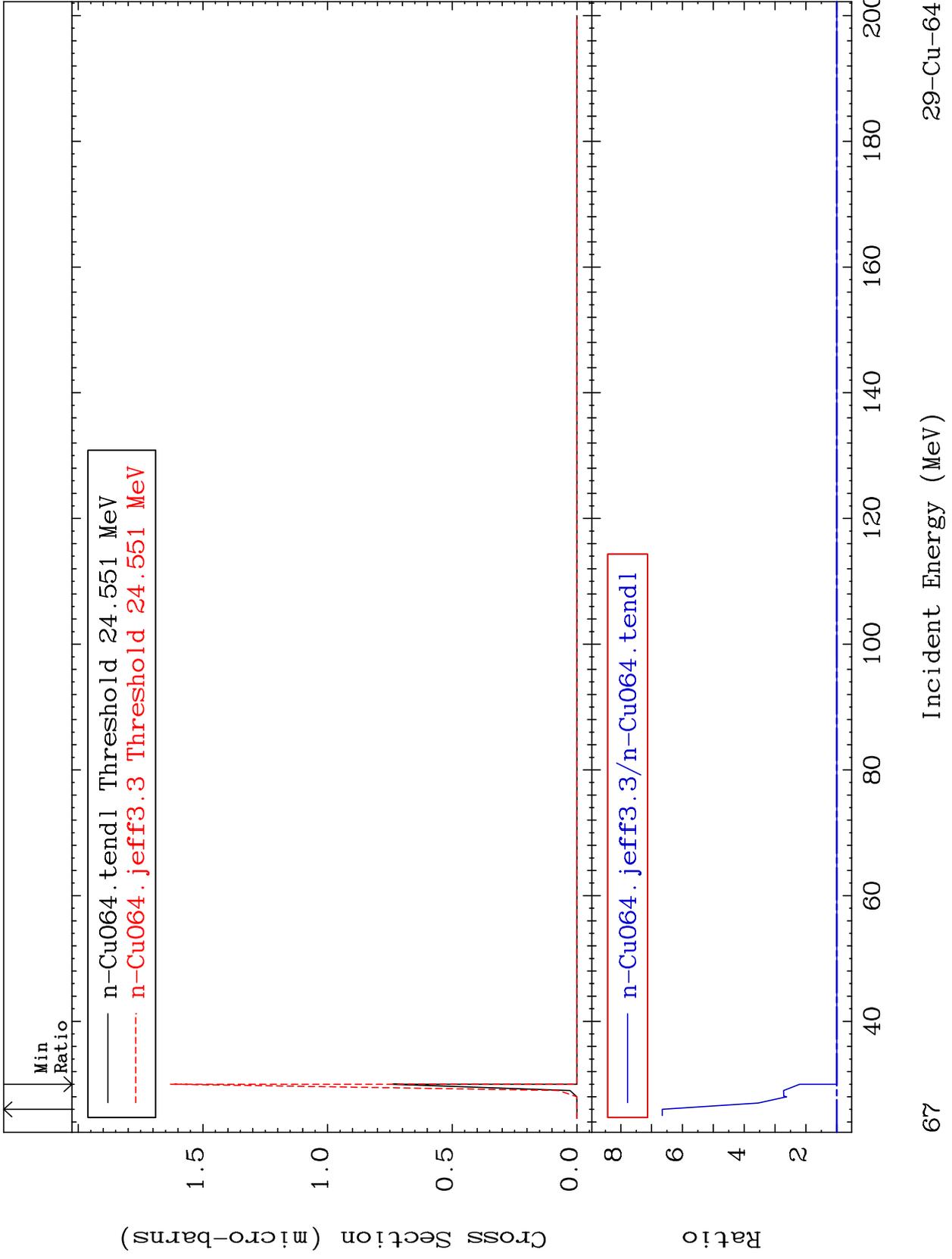


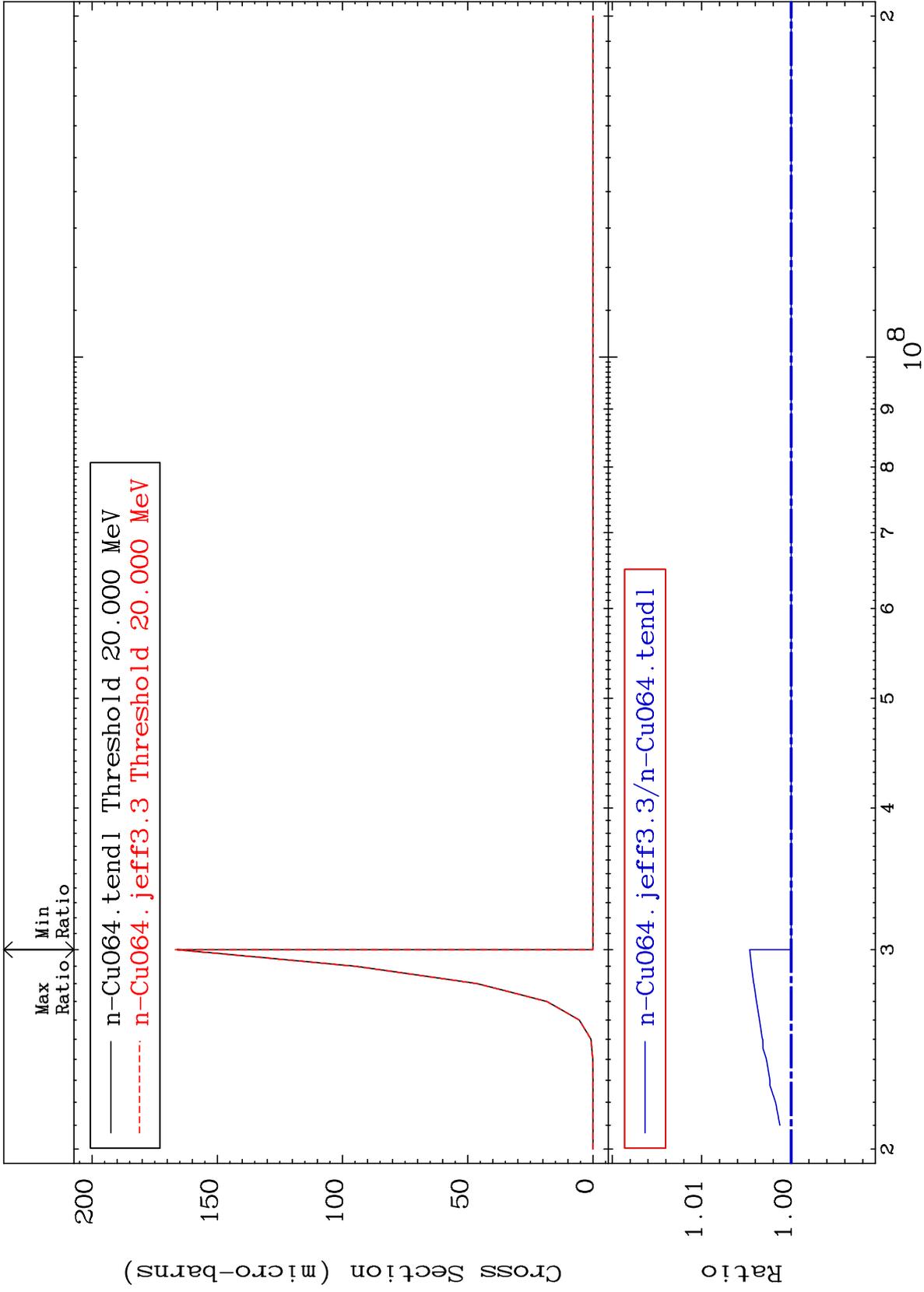
MAT 2928

(n,3n) α :27-Co-58m1

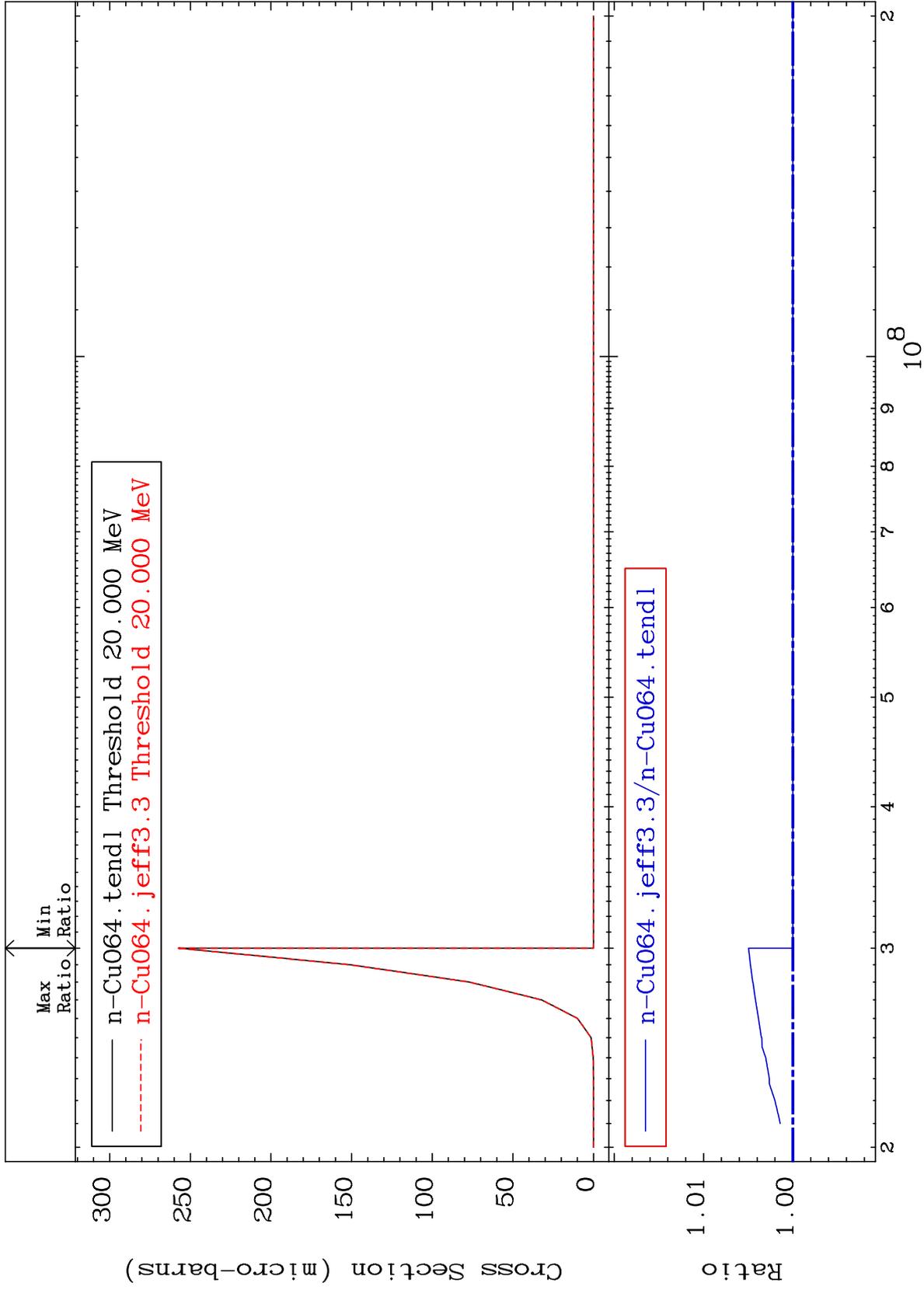
29-Cu-64

Radionuclide Production Cross Section 0.000 To 565.3 %

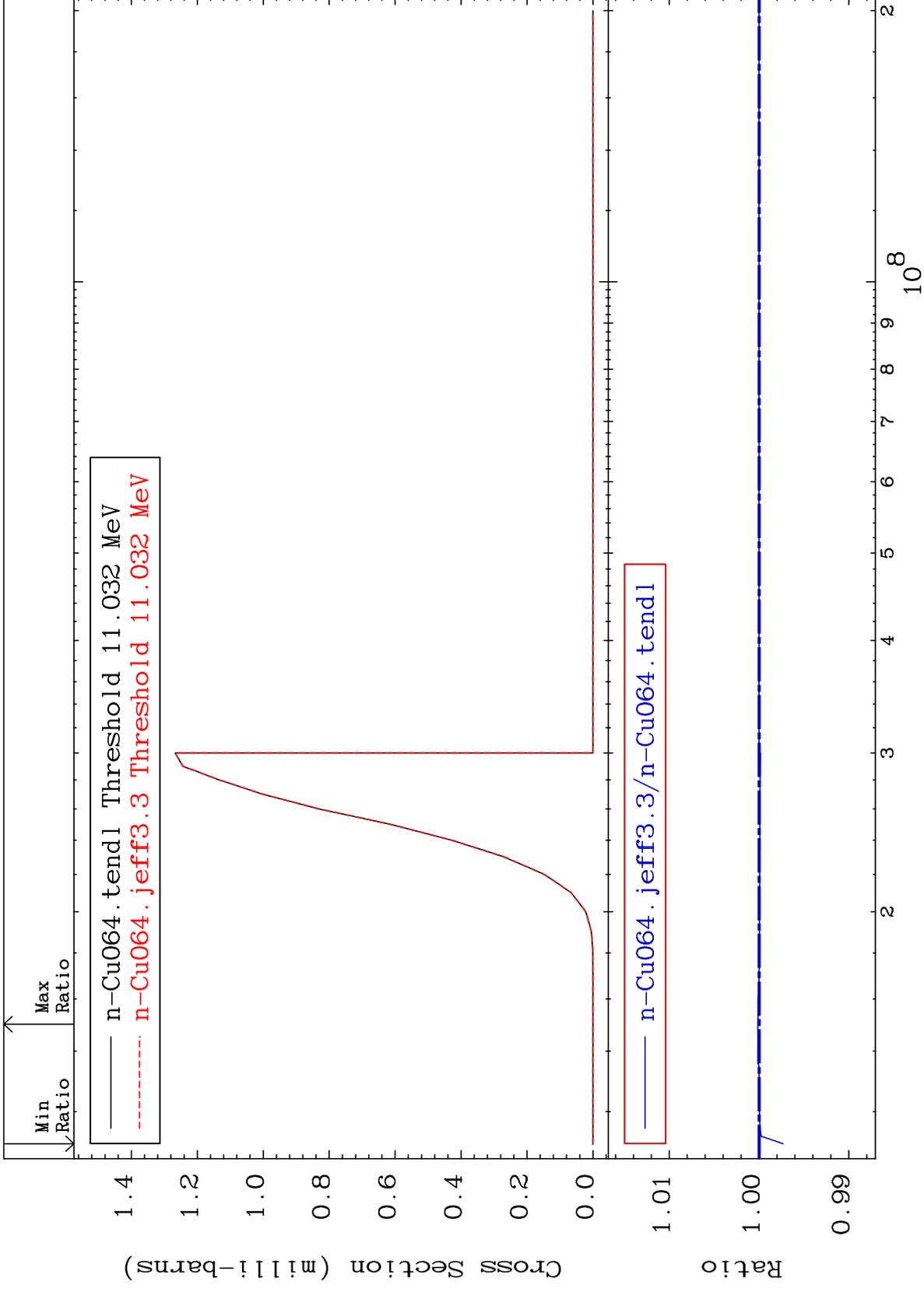




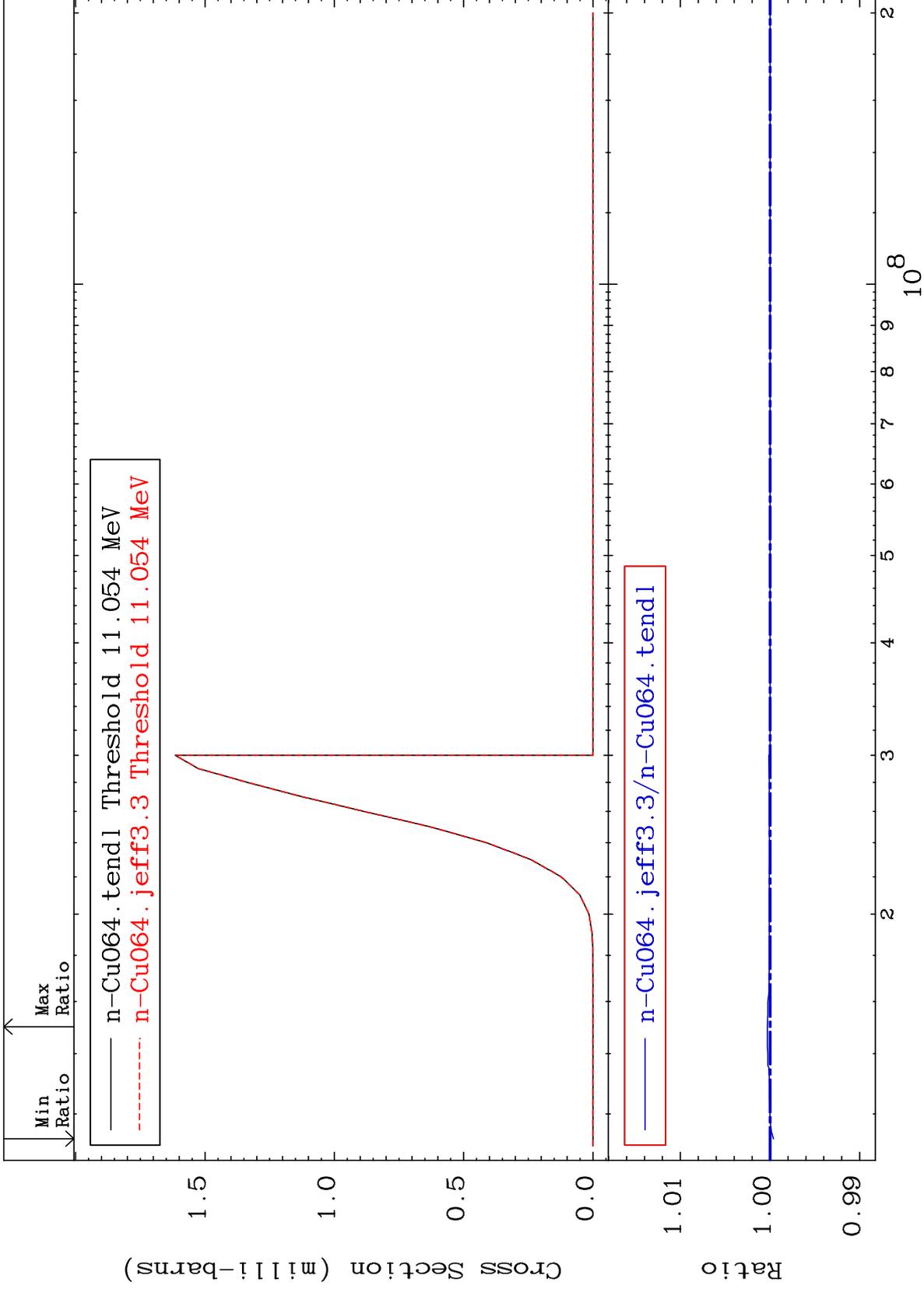
Radionuclide Production Cross Section 0.000 To 0.497 %



Radionuclide Production Cross Section -0.267 To 0.015 %



Radionuclide Production Cross Section -0.039 To 0.031 %



MAT 2928

(n, p) d:27-Co-62m1

29-Cu-64

Radionuclide Production Cross Section 0.000 To 0.260 %

