Program EVALPLOT
(Version 2021-1)
by
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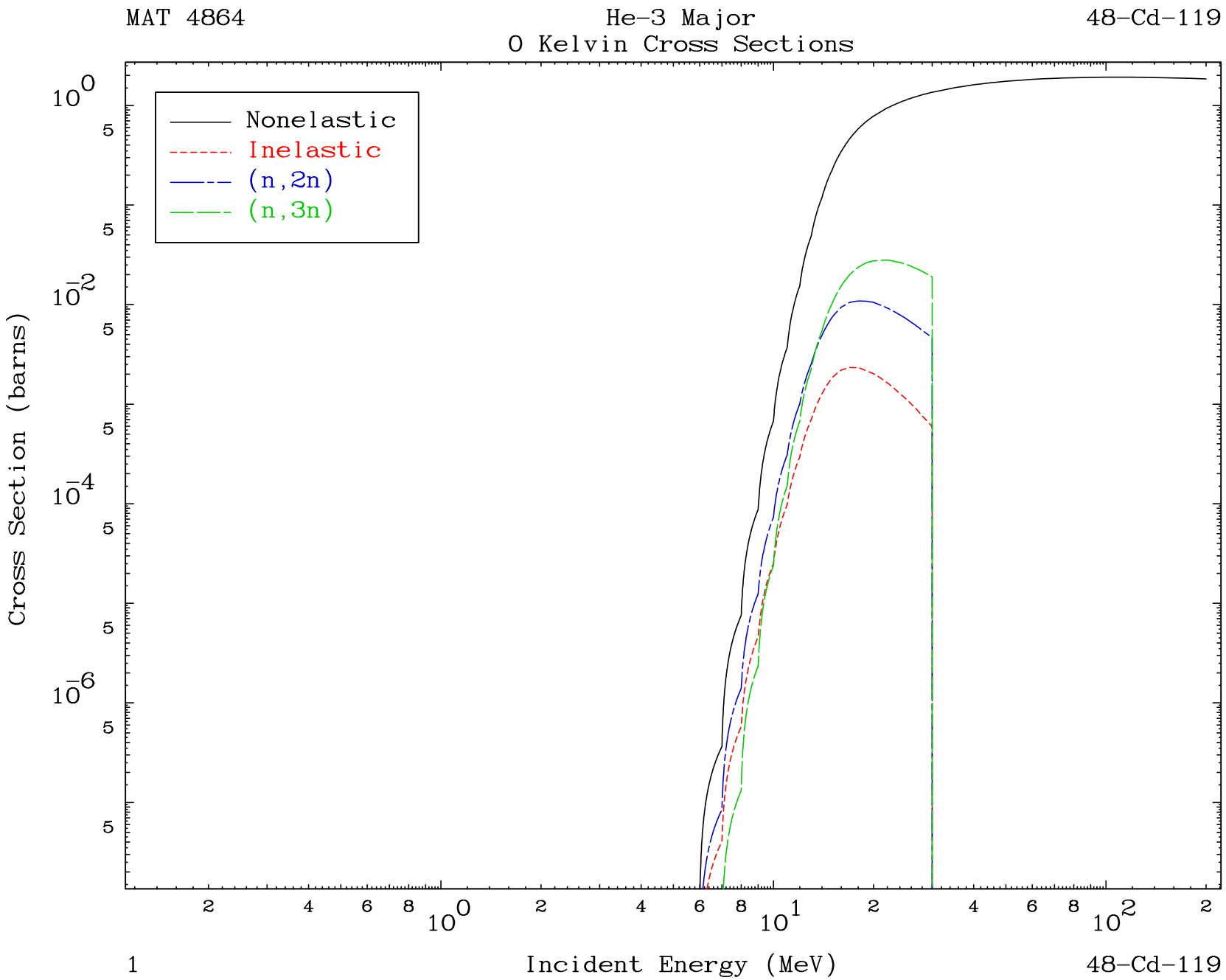
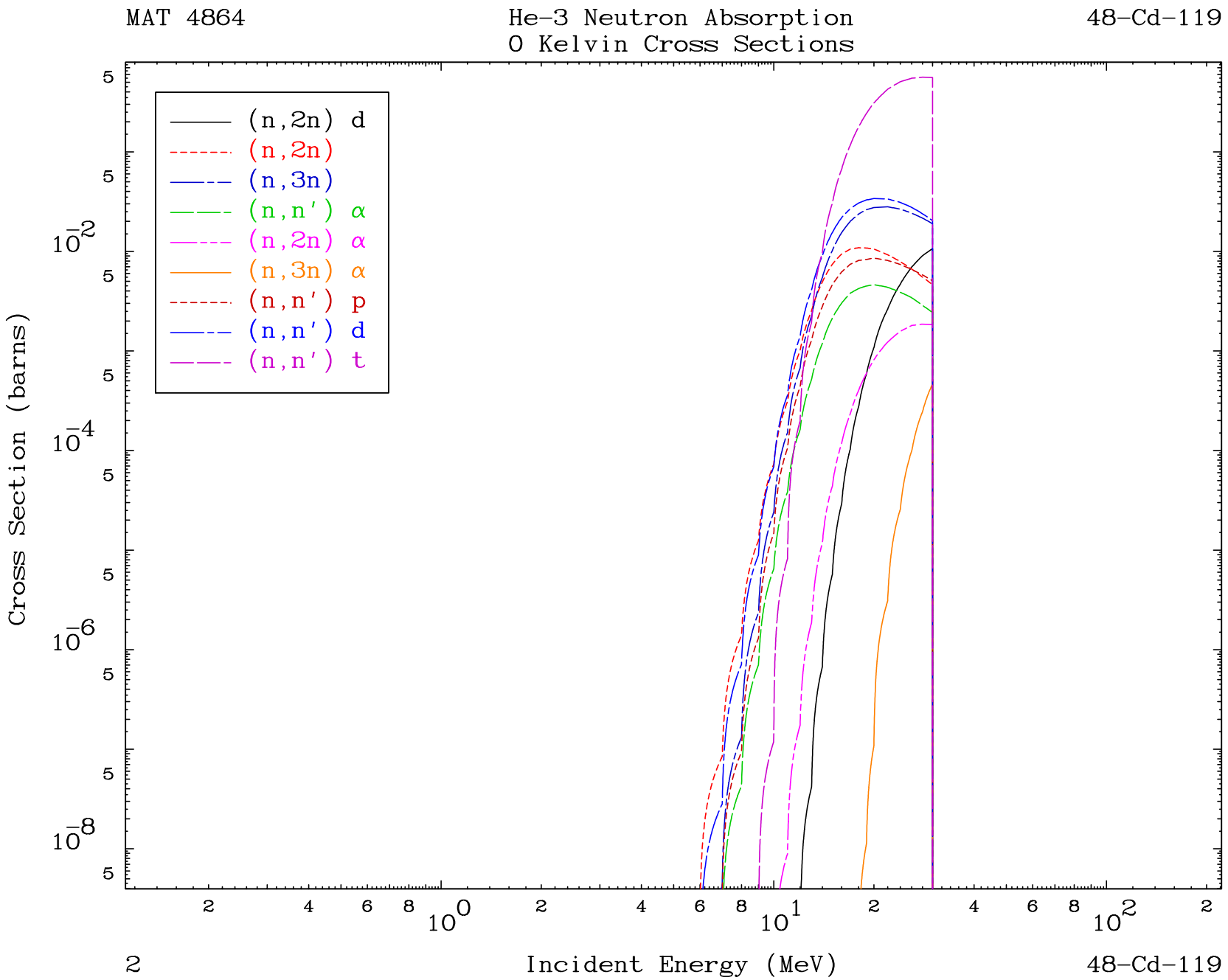
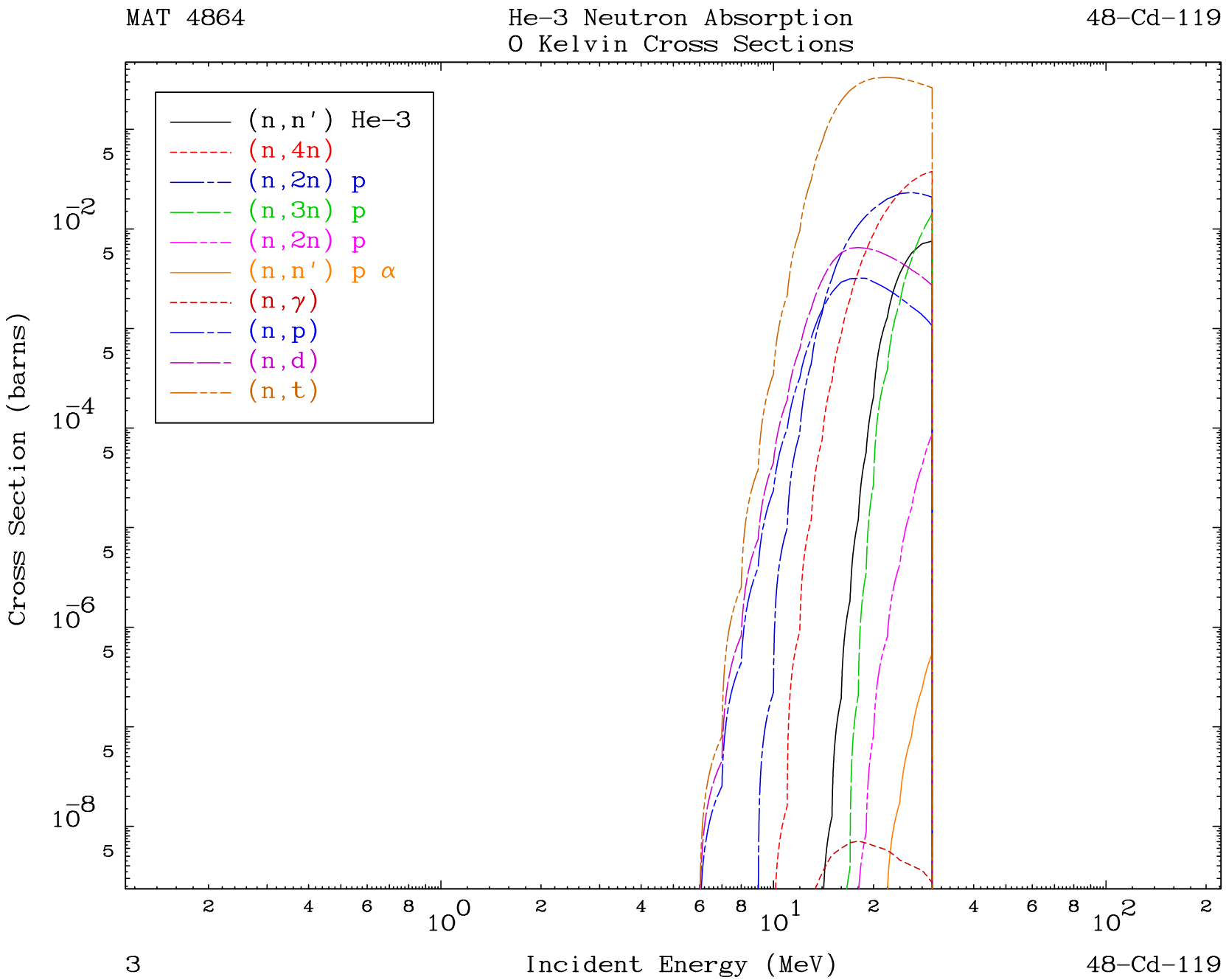
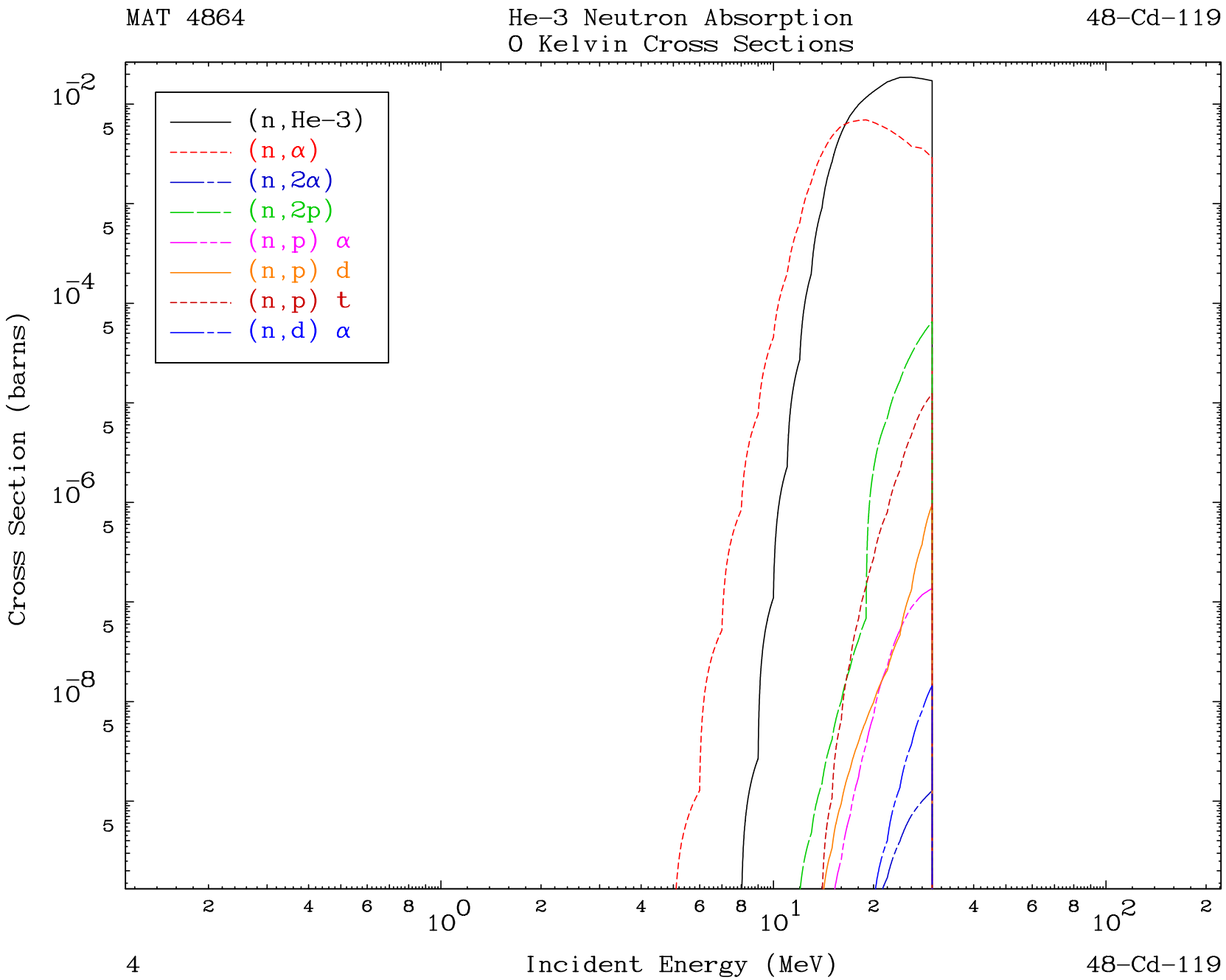
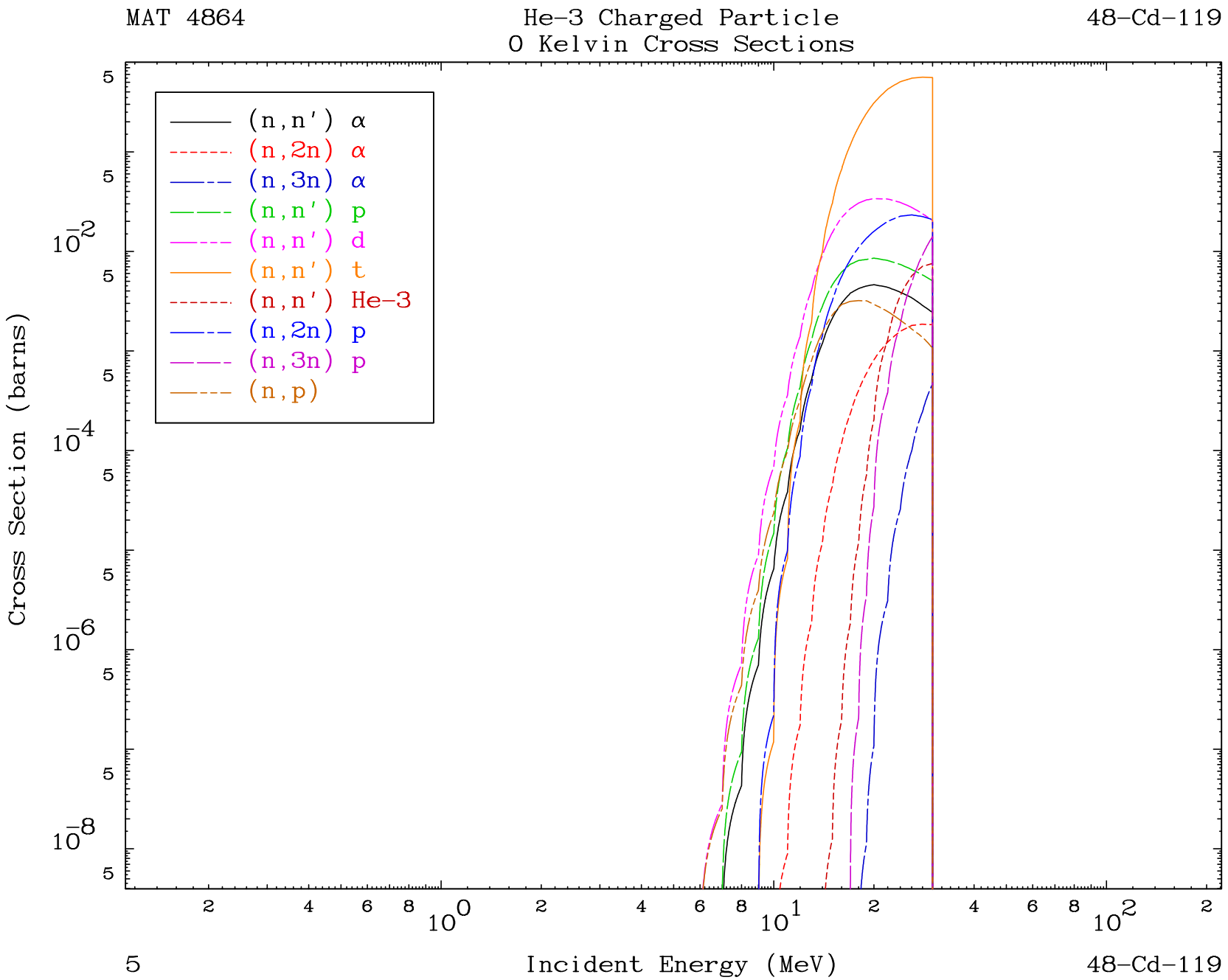
Press Mouse Button to Start

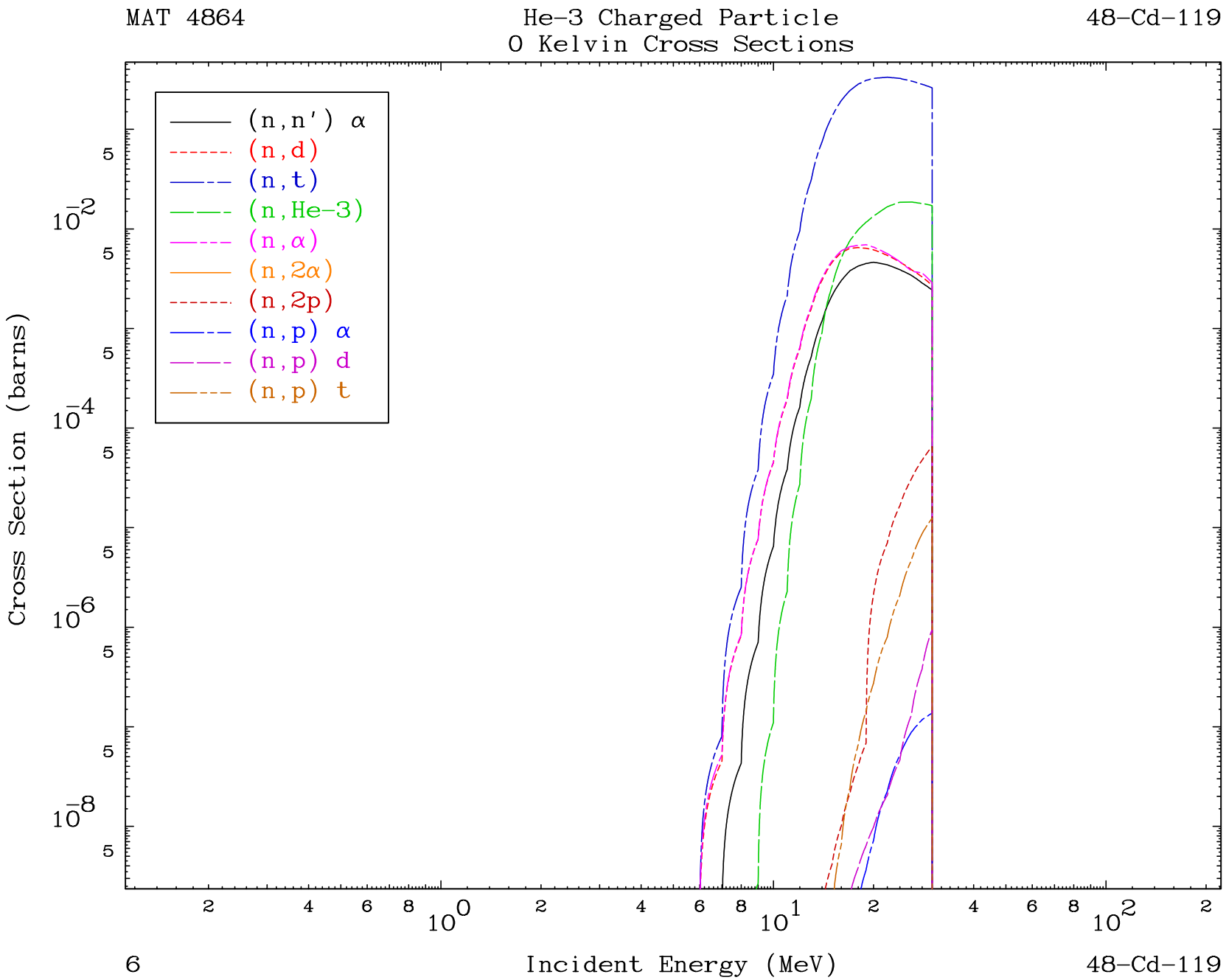

MAT 4864
He-3 Major
48-Cd-119
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-119
1

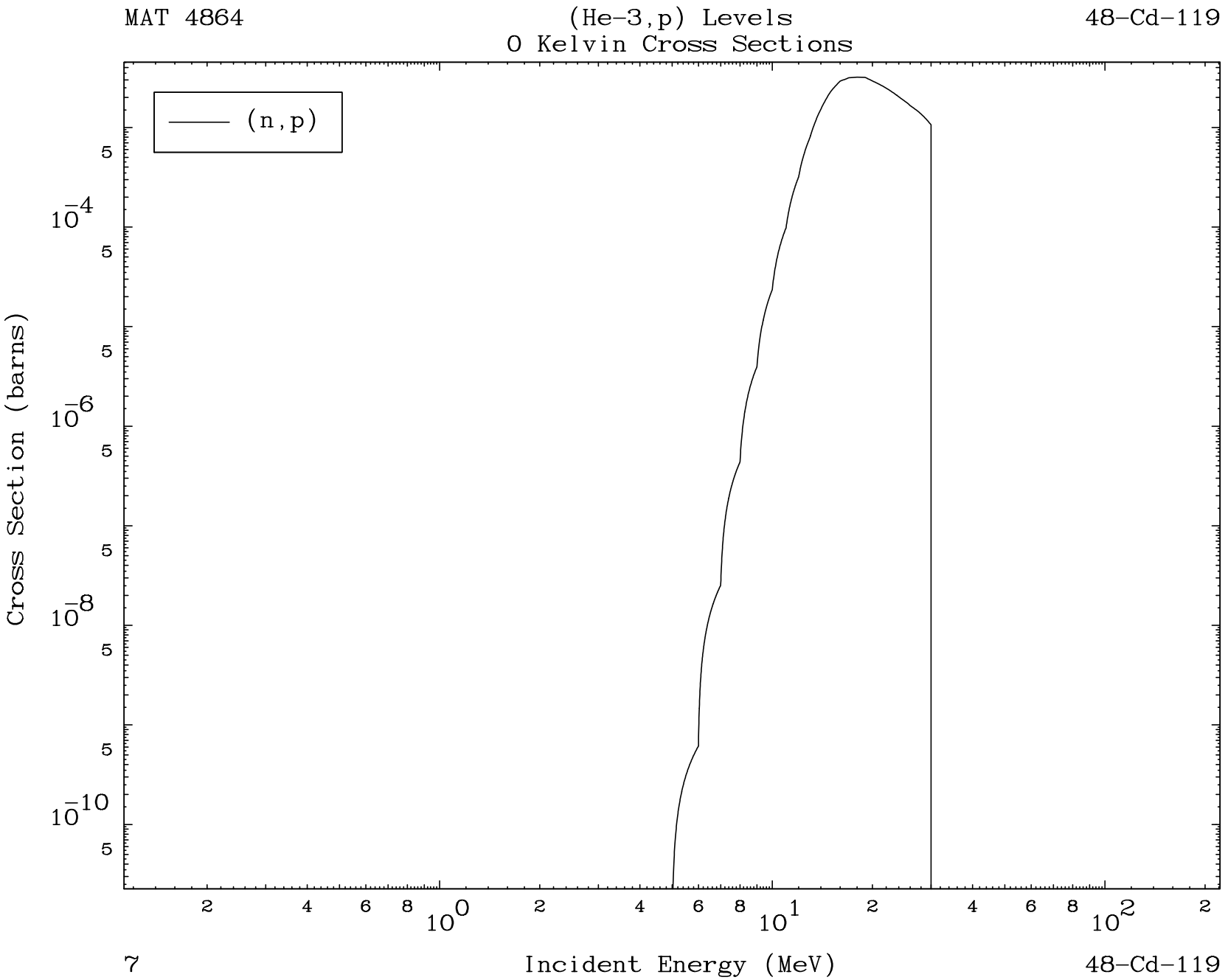

MAT 4864
He-3 Neutron Absorption
0 Kelvin Cross Sections
48-Cd-119
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
48-Cd-119

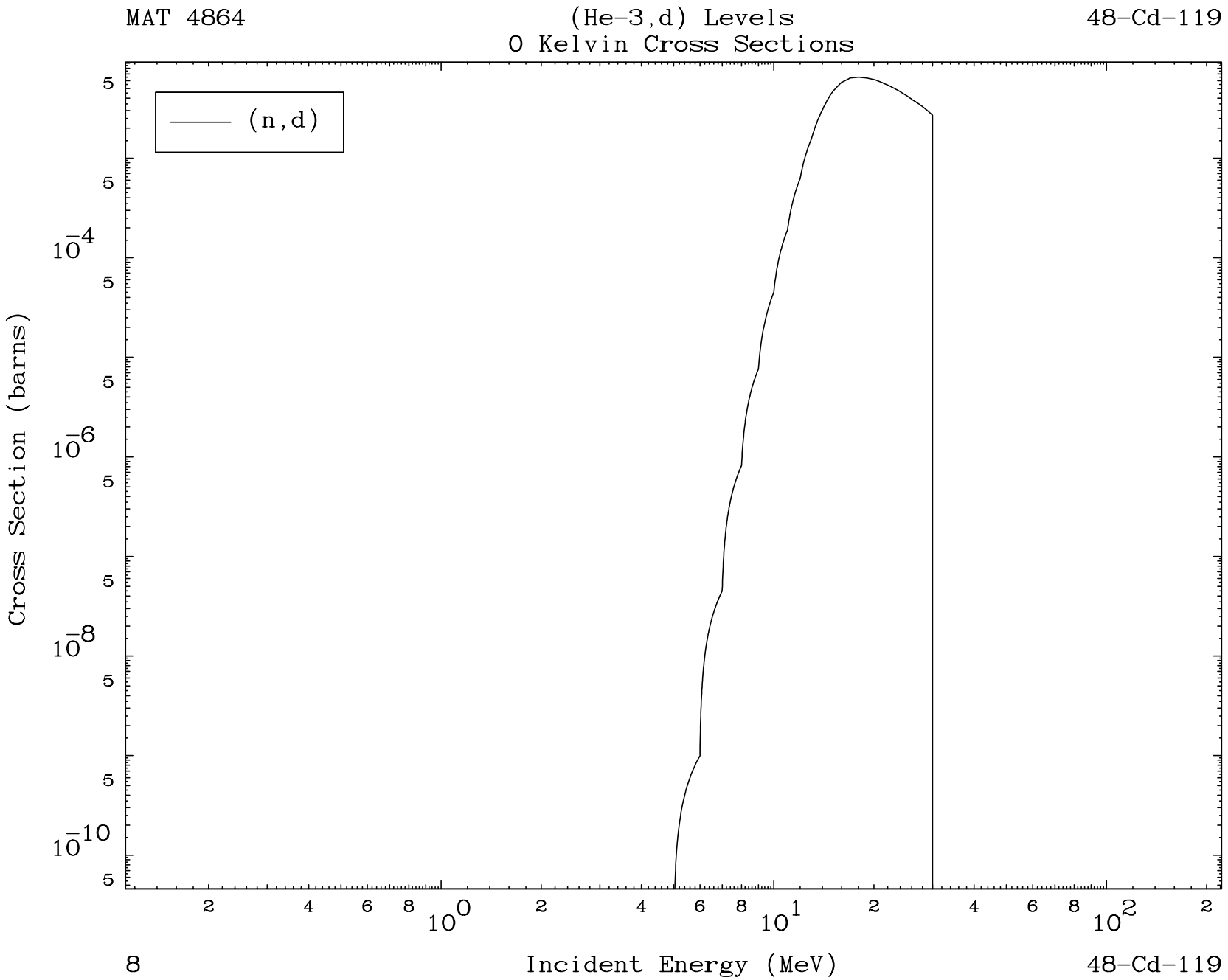

MAT 4864
He-3 Neutron Absorption
0 Kelvin Cross Sections
48-Cd-119
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
48-Cd-119


MAT 4864
He-3 Neutron Absorption
0 Kelvin Cross Sections
48-Cd-119
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
48-Cd-119

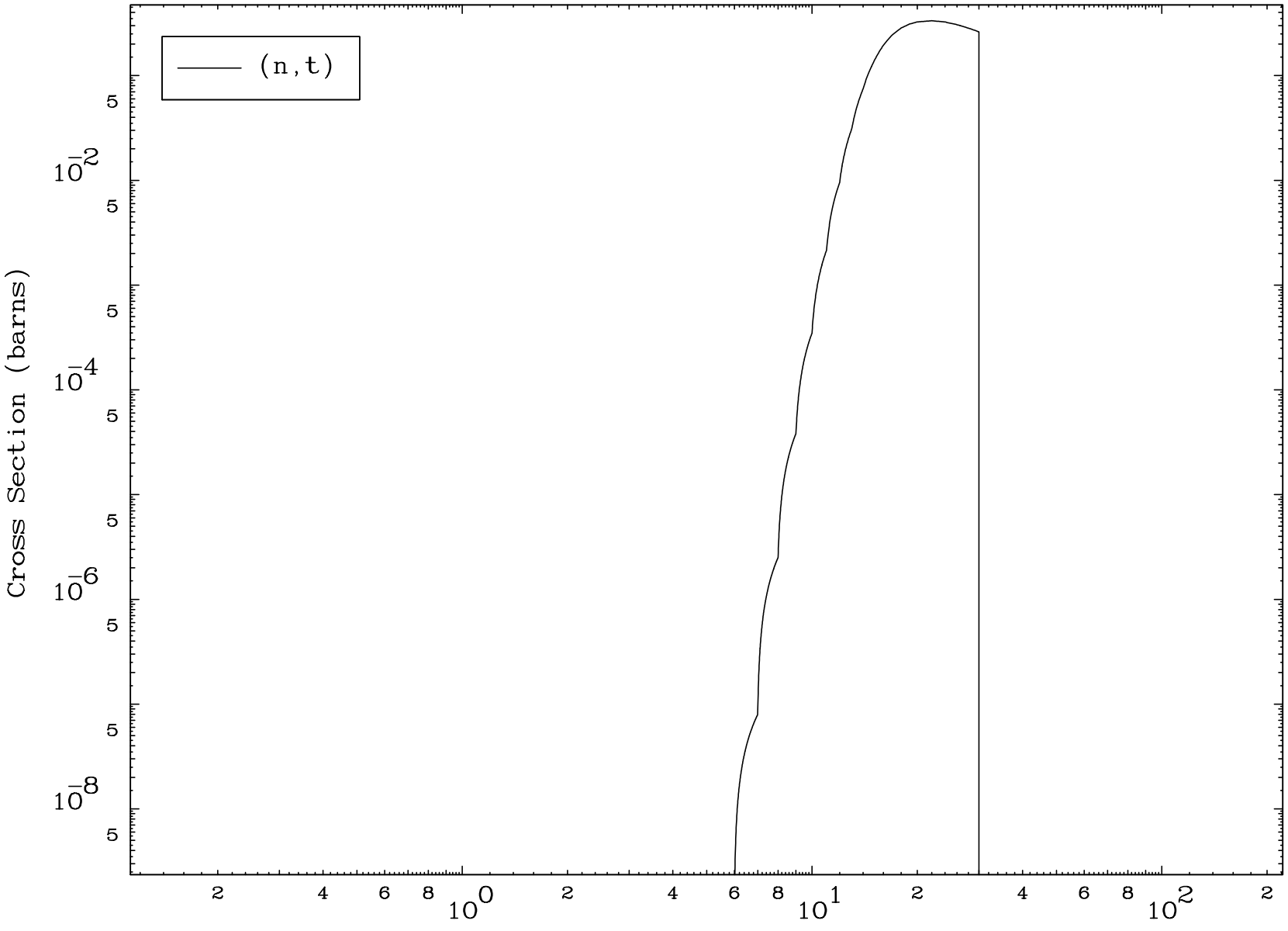

MAT 4864
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-119
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-119

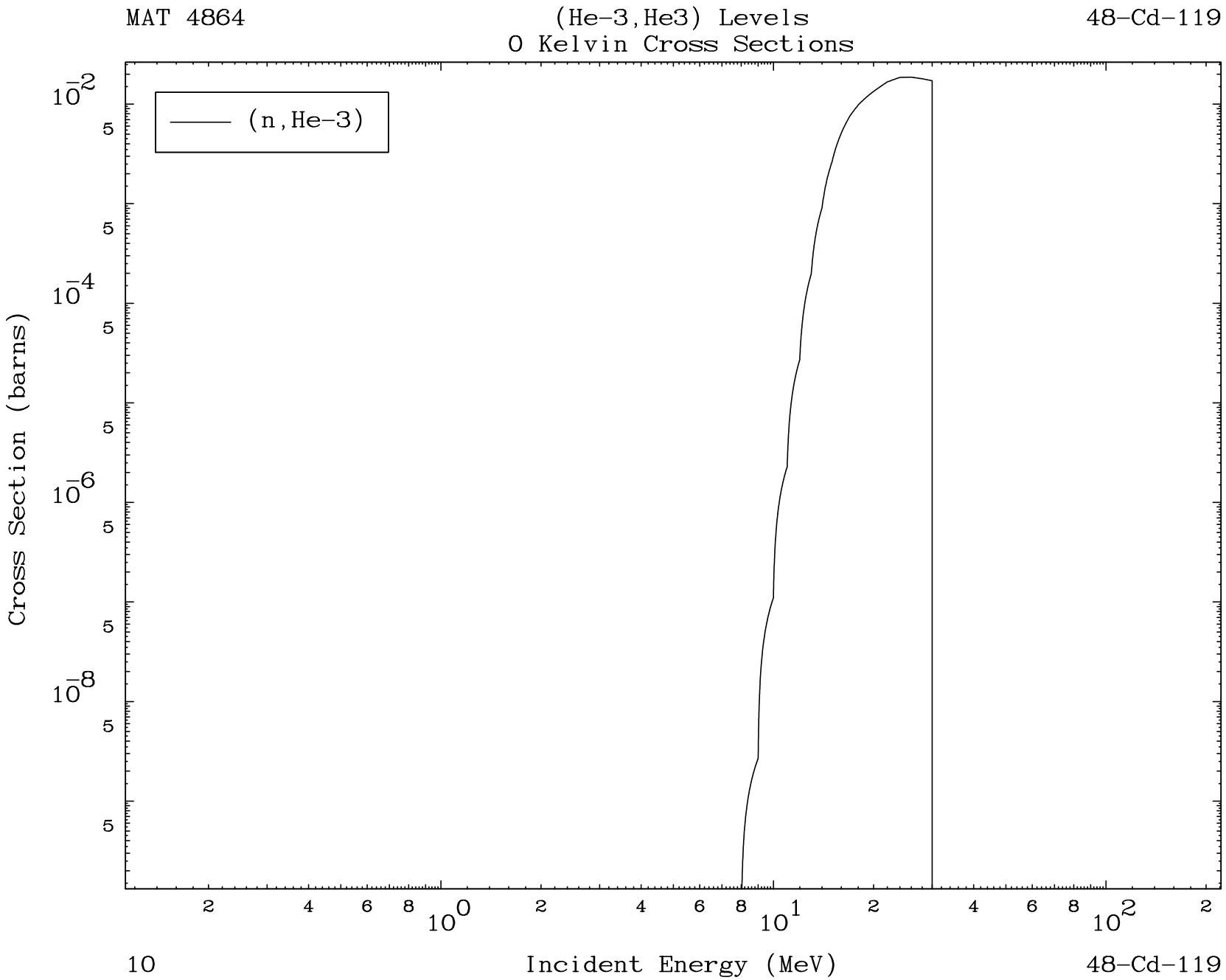

MAT 4864
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-119
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
48-Cd-119

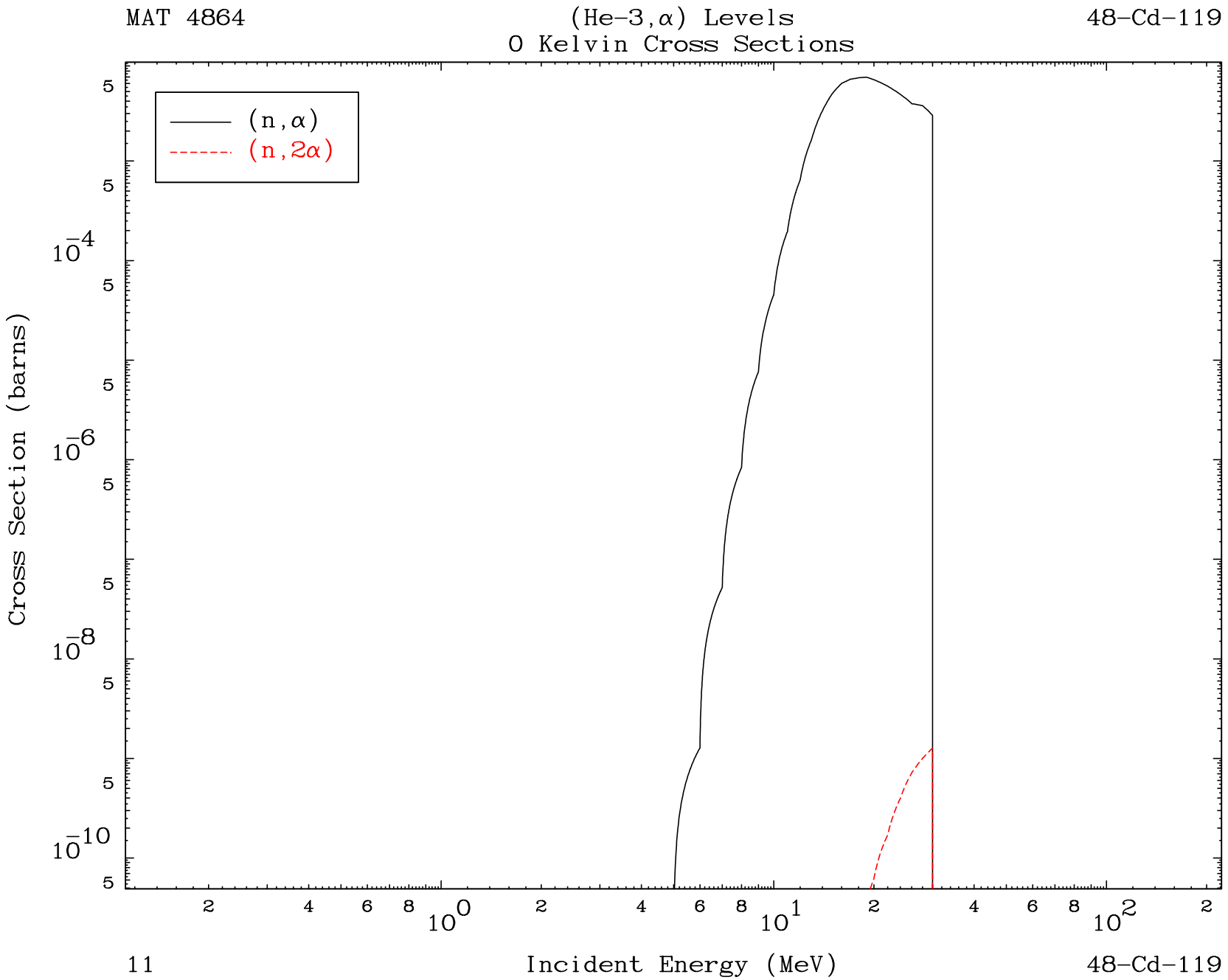

MAT 4864
(He-3,p) Levels
48-Cd-119
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
7
48-Cd-119

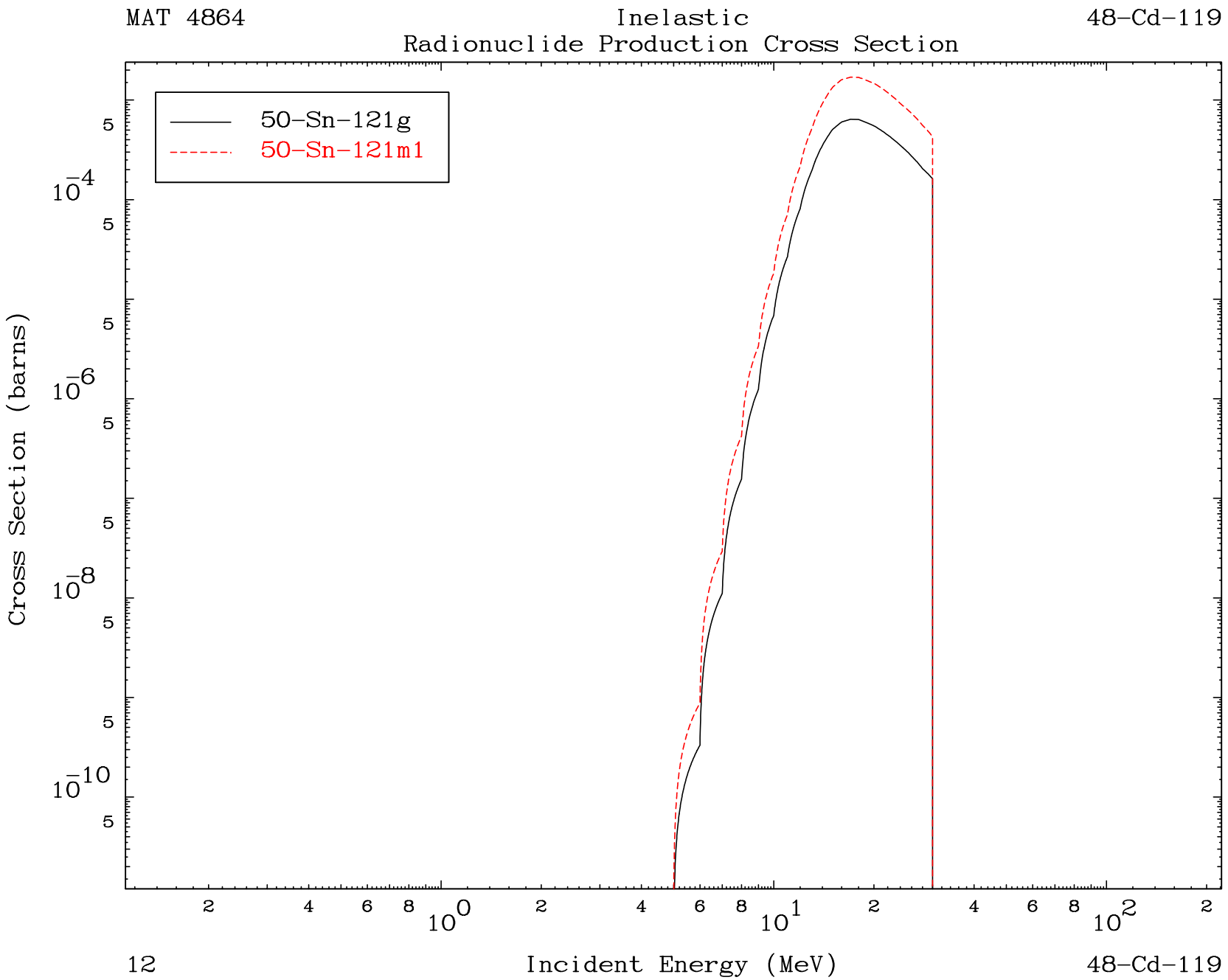

MAT 4864
(He-3,d) Levels
48-Cd-119
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-119
8

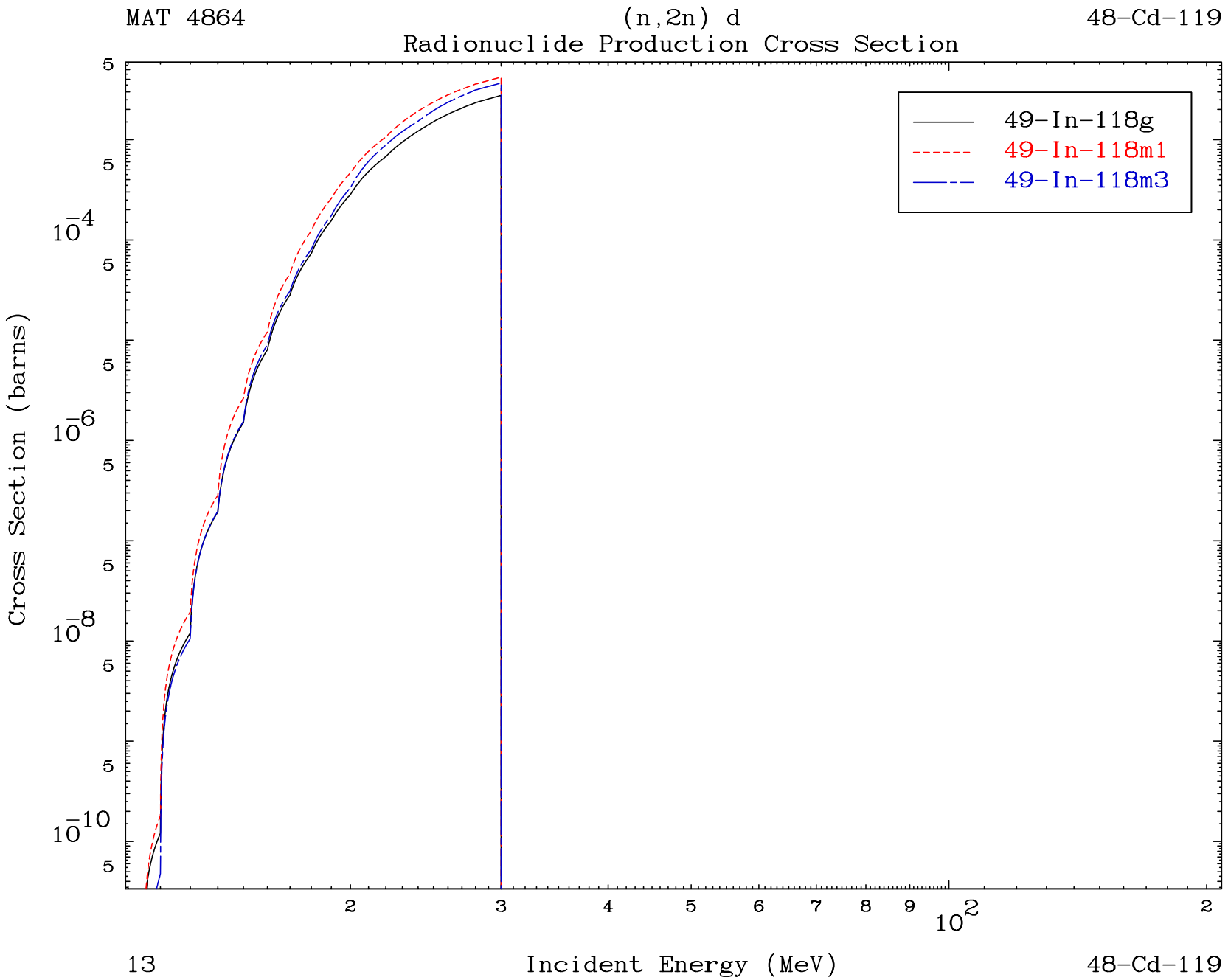
0 Kelvin Cross Sections

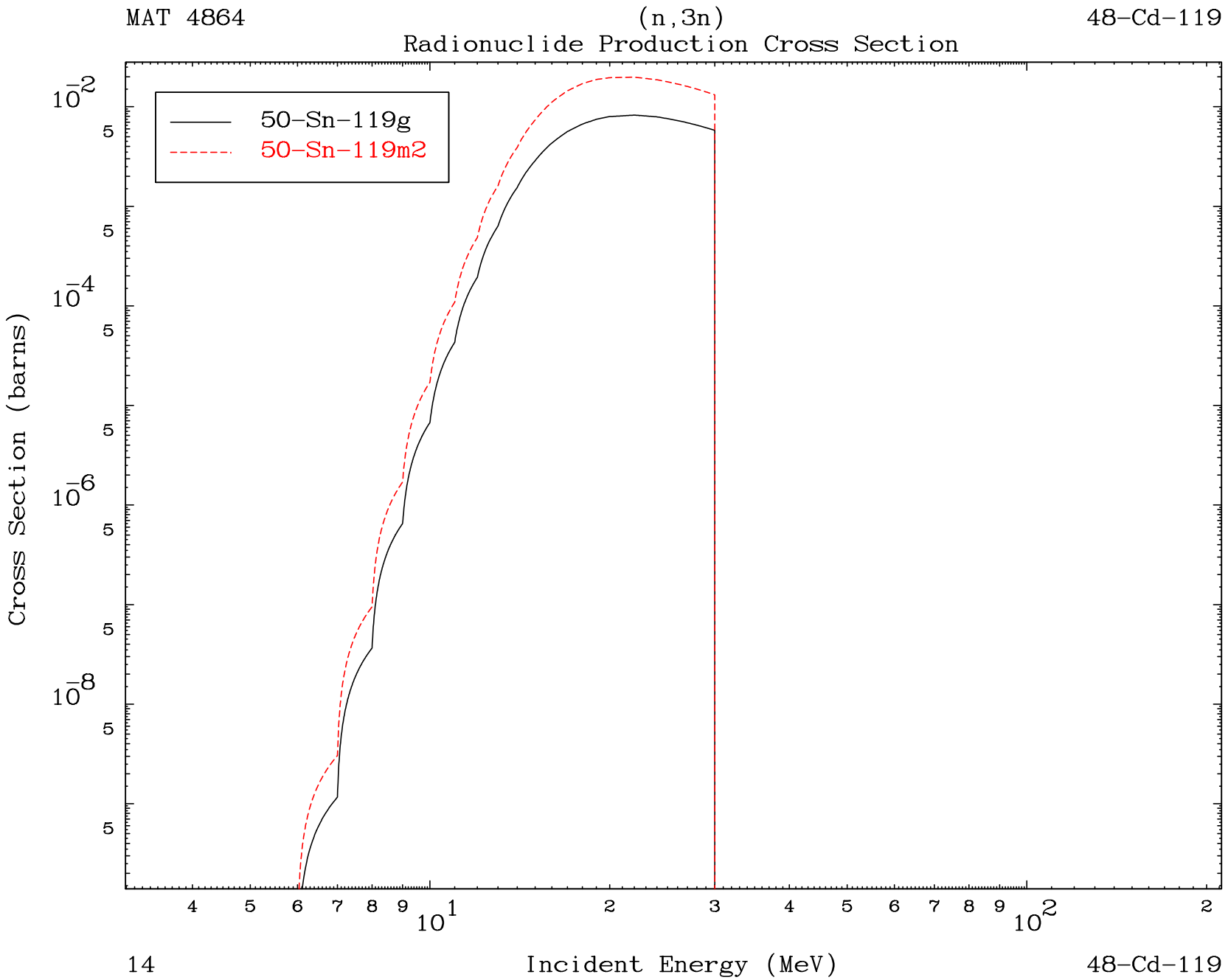


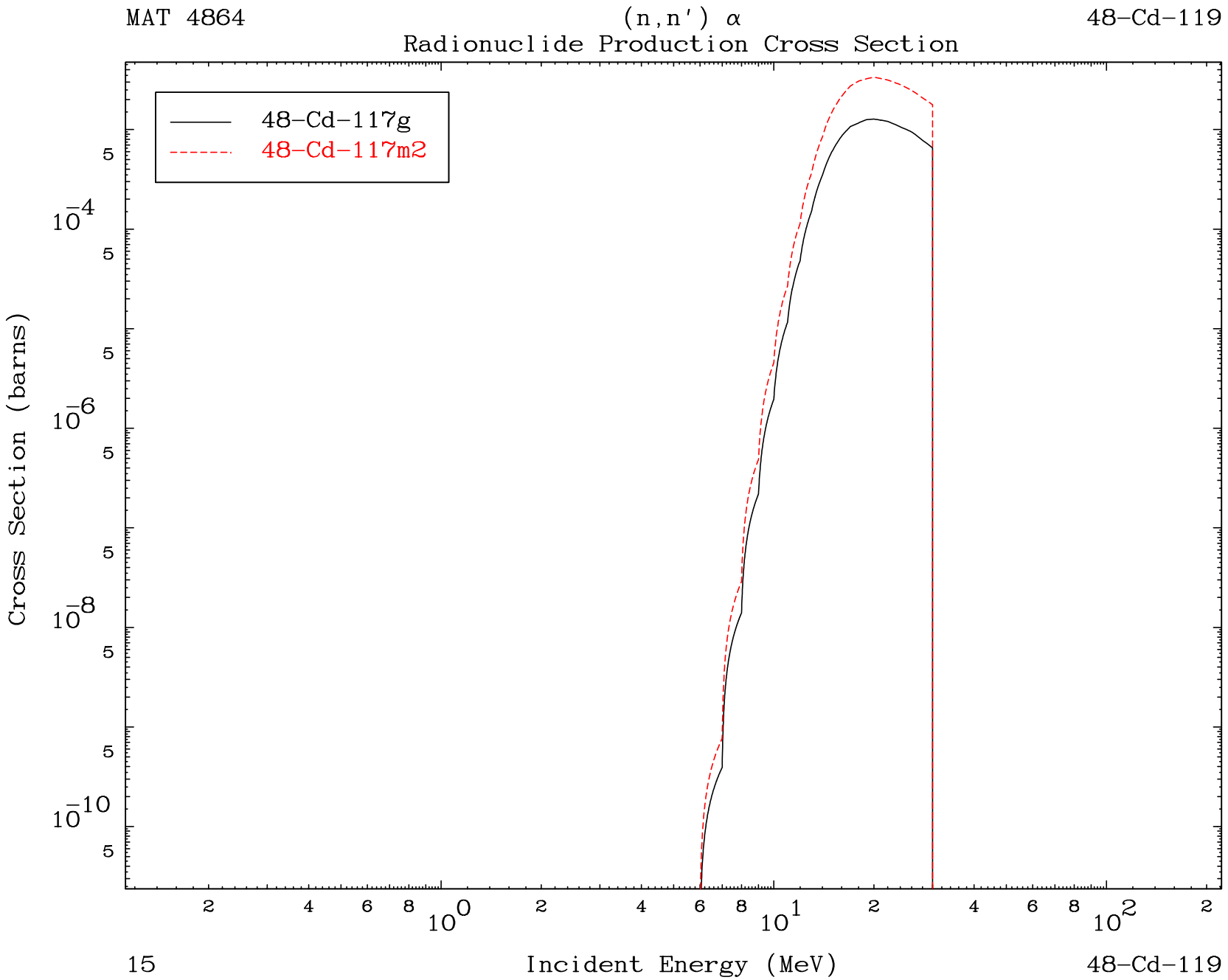

MAT 4864
(He-3,He3) Levels
48-Cd-119
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-119

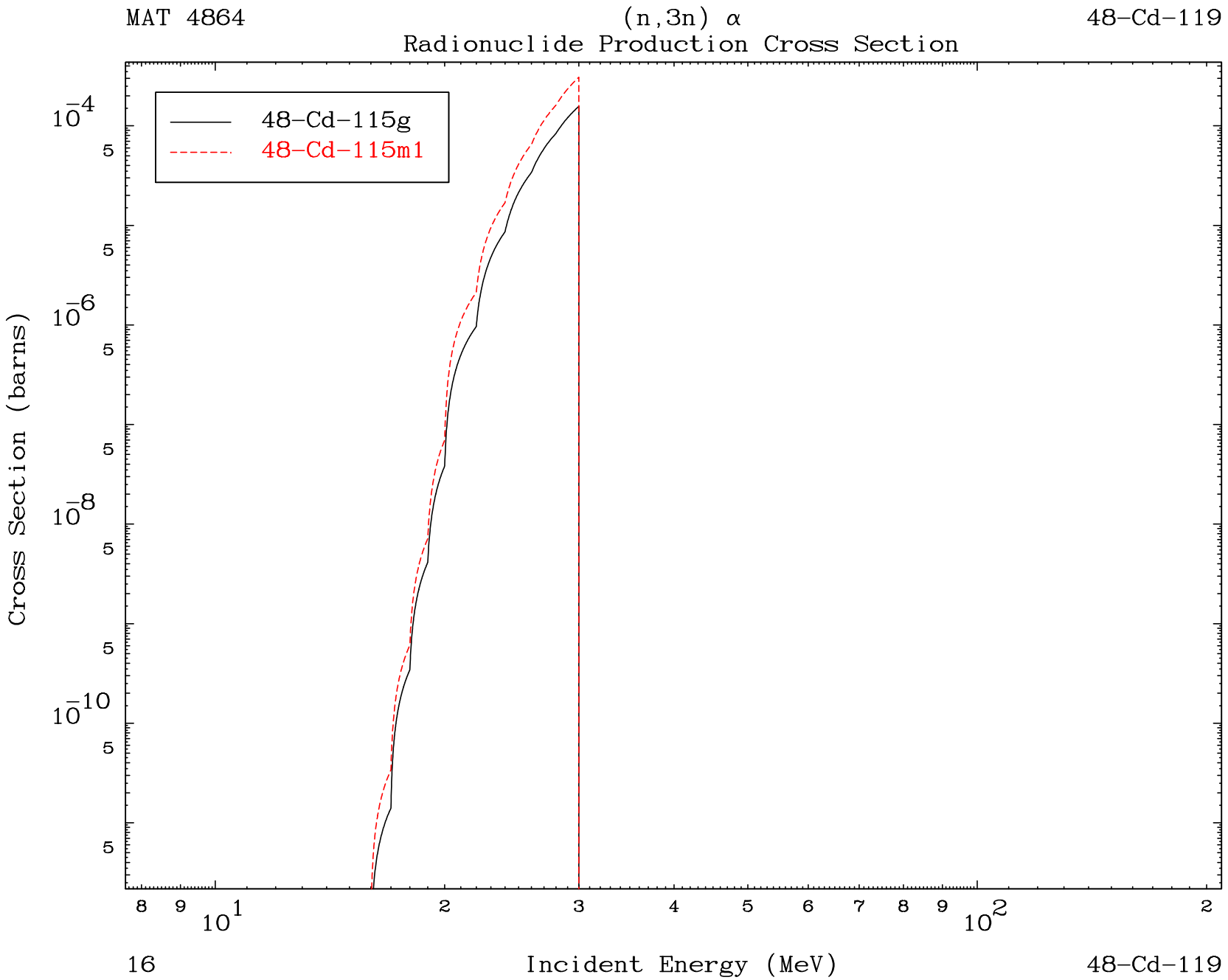

MAT 4864
(He-3,α) Levels
48-Cd-119
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
48-Cd-119

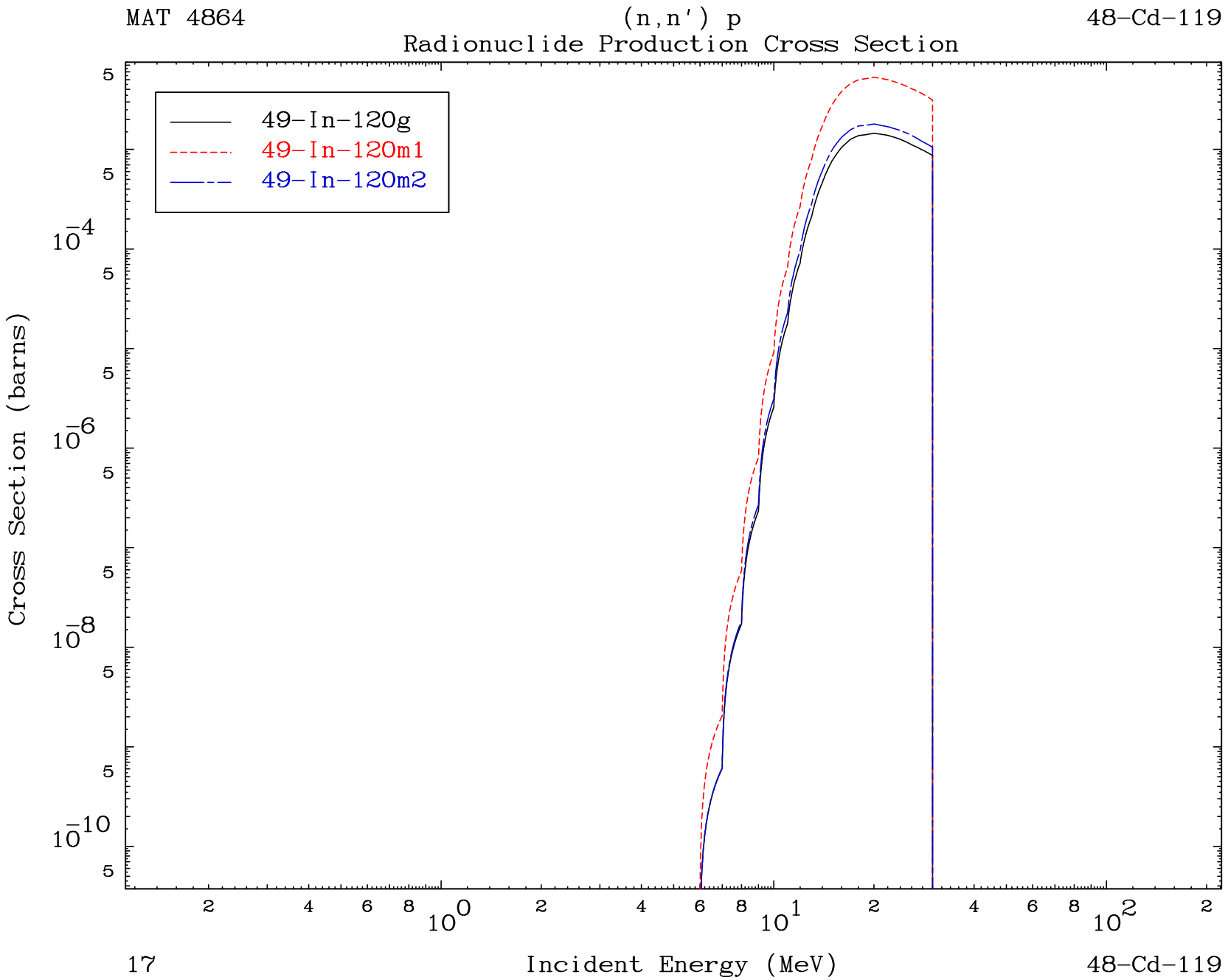

MAT 4864
Inelastic
48-Cd-119
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
12
48-Cd-119

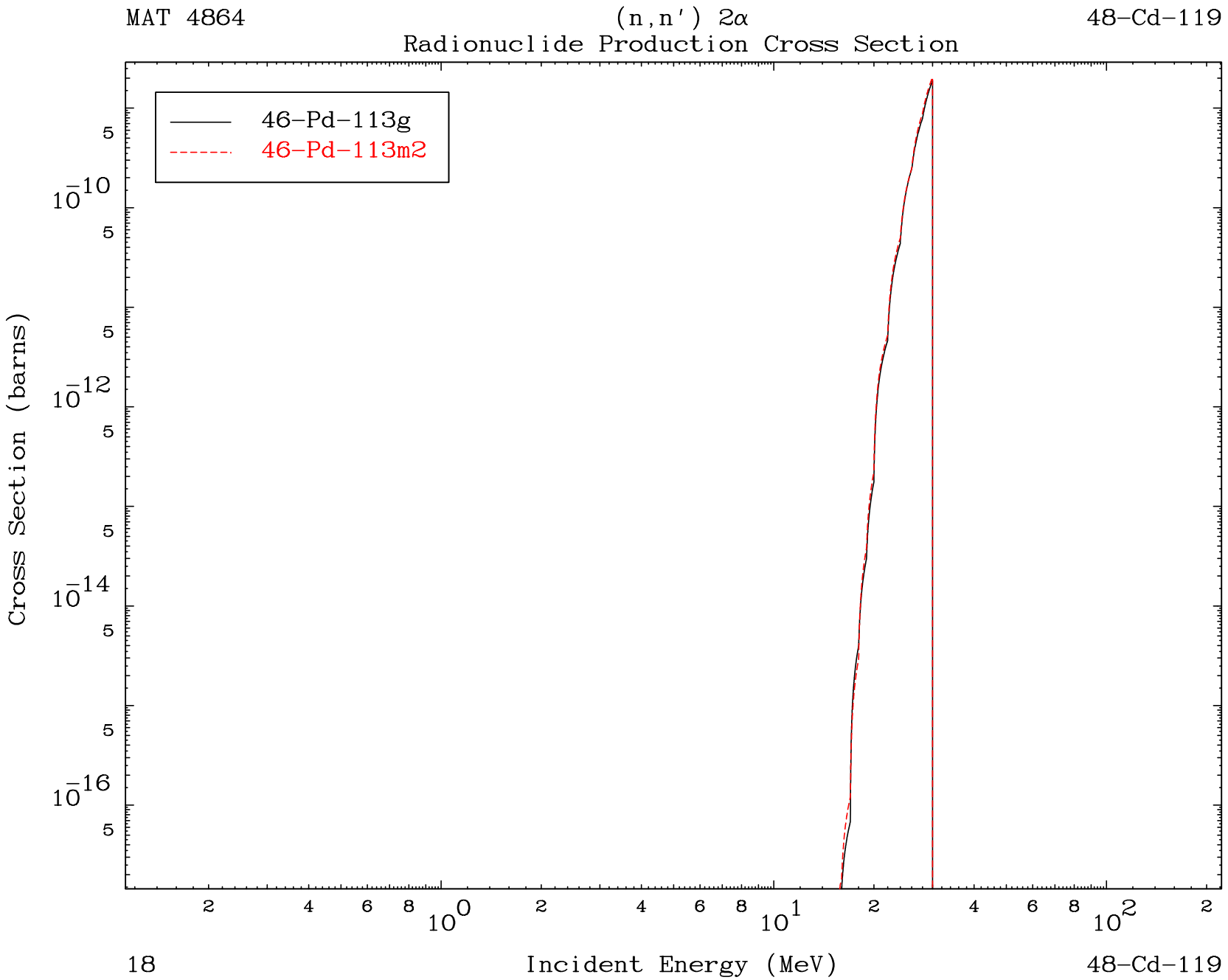

MAT 4864
(n,2n) d
48-Cd-119
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
48-Cd-119

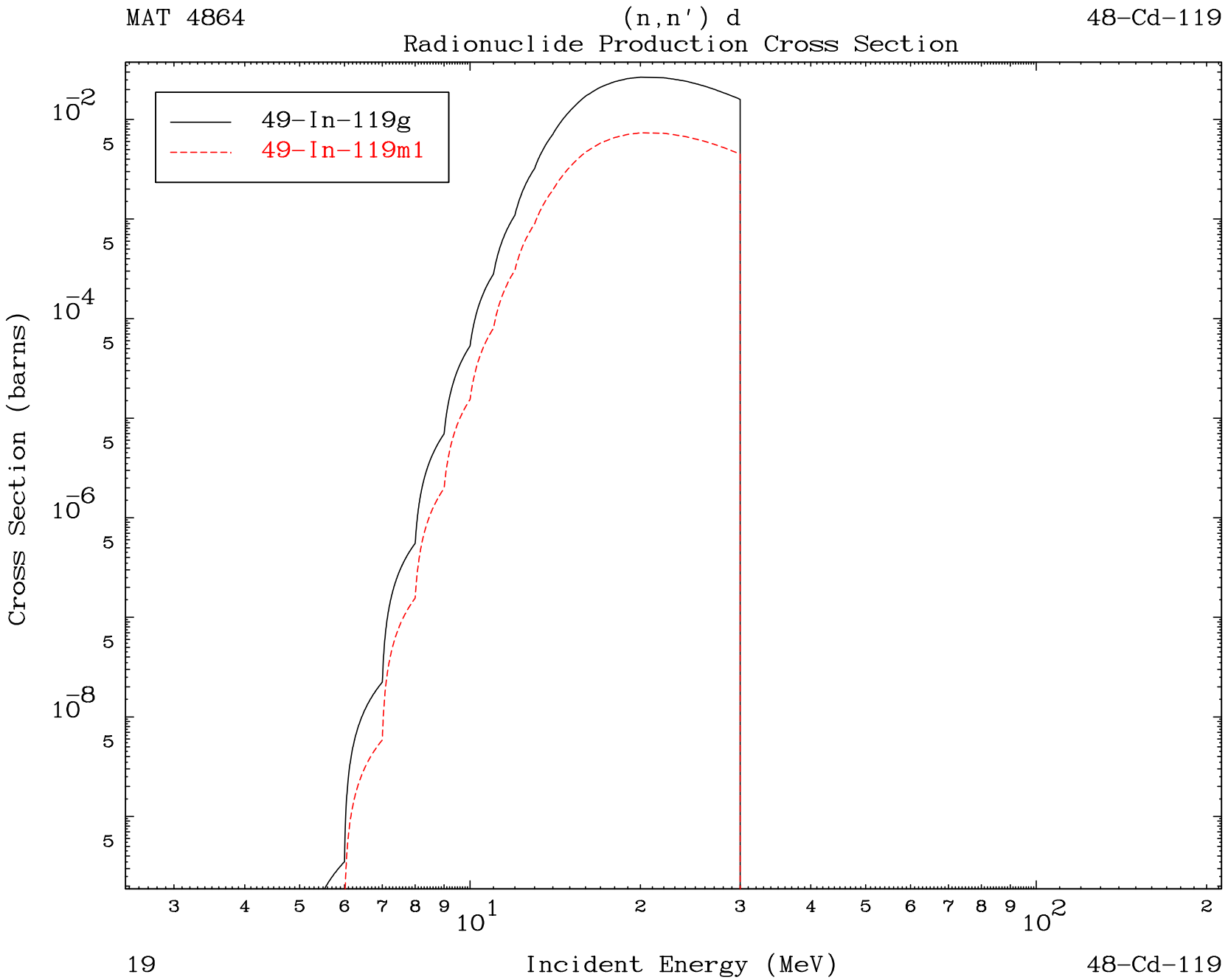

MAT 4864
(n,3n)
48-Cd-119
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
14
48-Cd-119

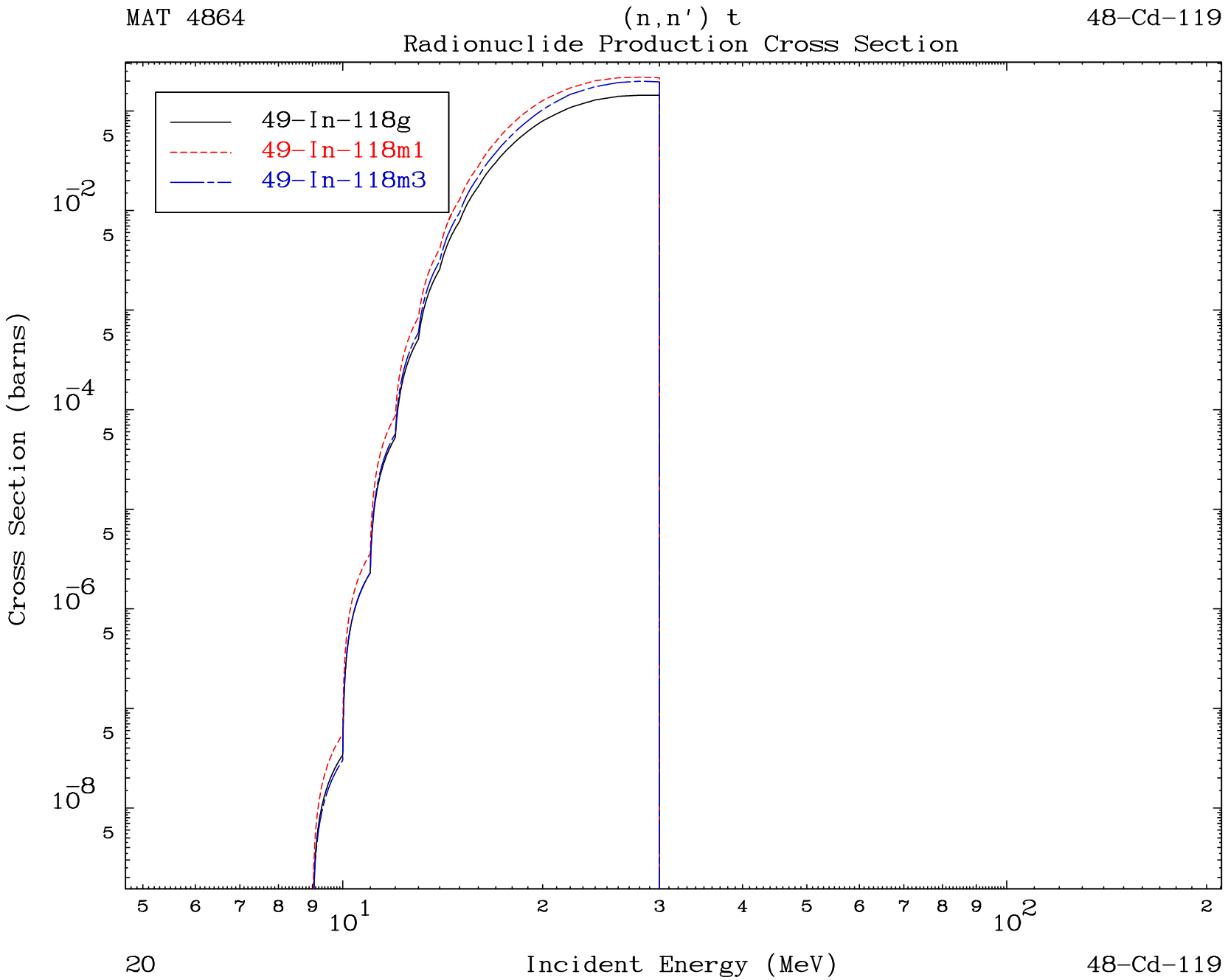

MAT 4864
(n,n') α
48-Cd-119
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
15
48-Cd-119

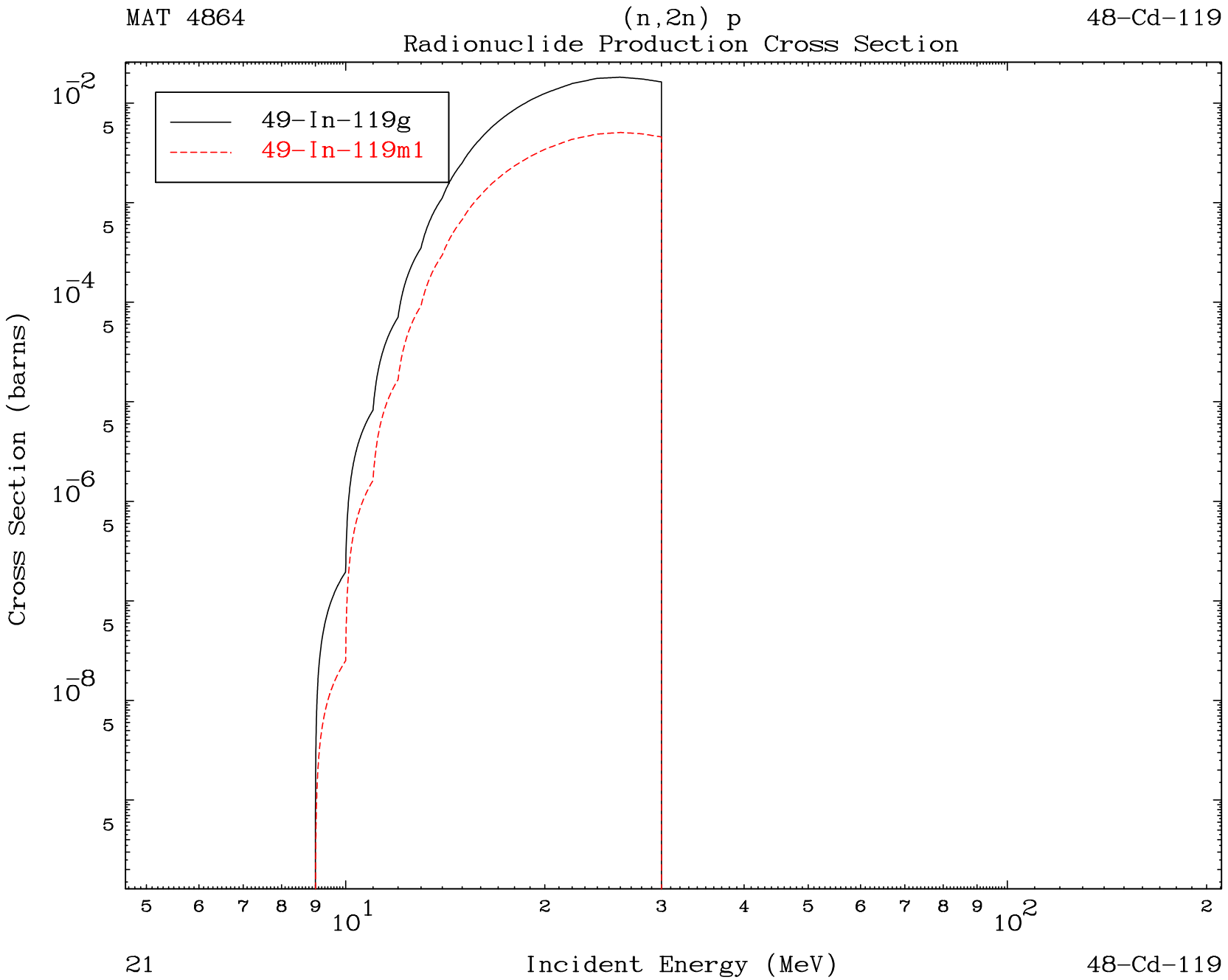

MAT 4864
(n,3n) α
48-Cd-119
Radionuclide Production Cross Section
48-Cd-115g
48-Cd-115m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
16
48-Cd-119

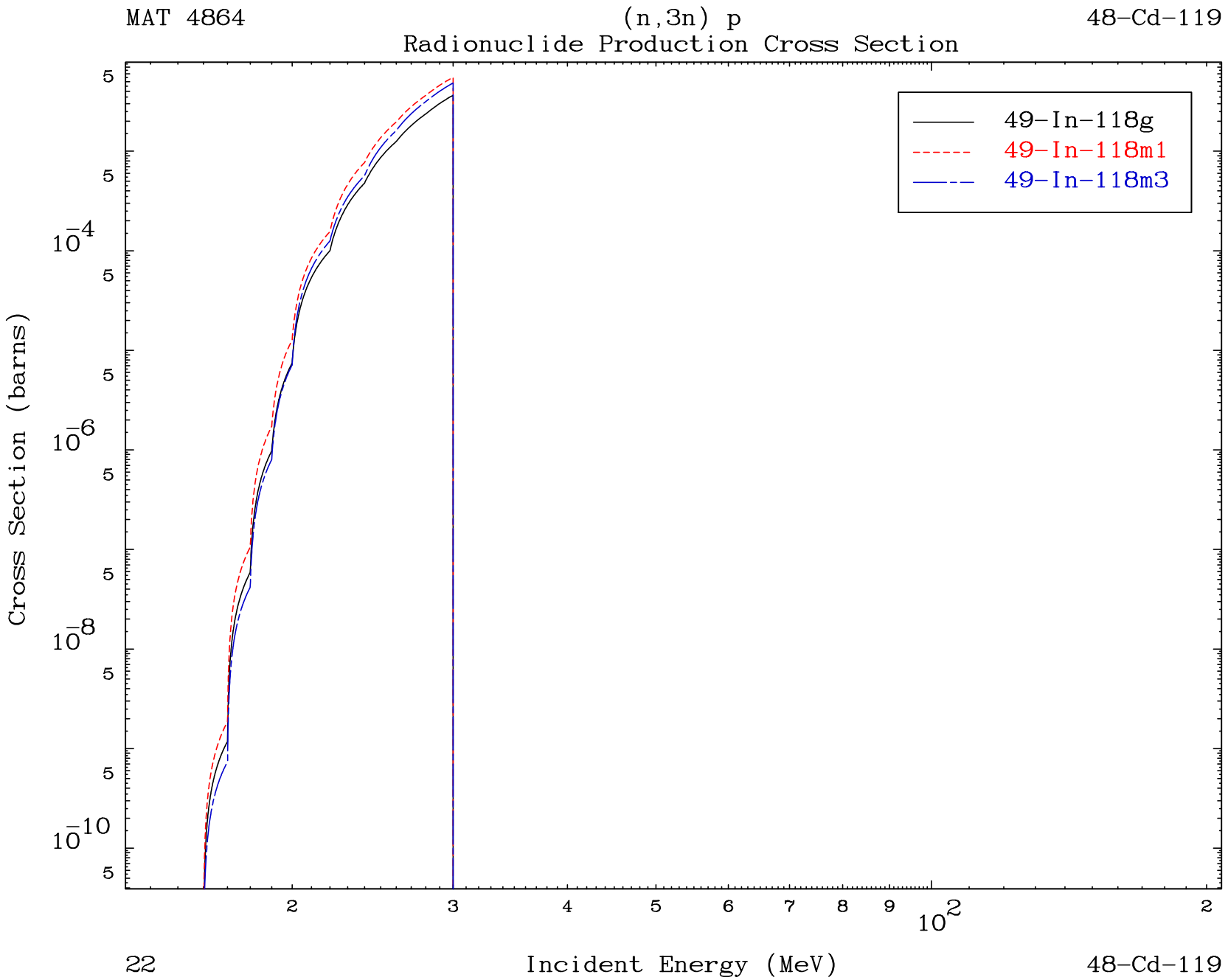

MAT 4864
(n,n') p
48-Cd-119
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
17
48-Cd-119

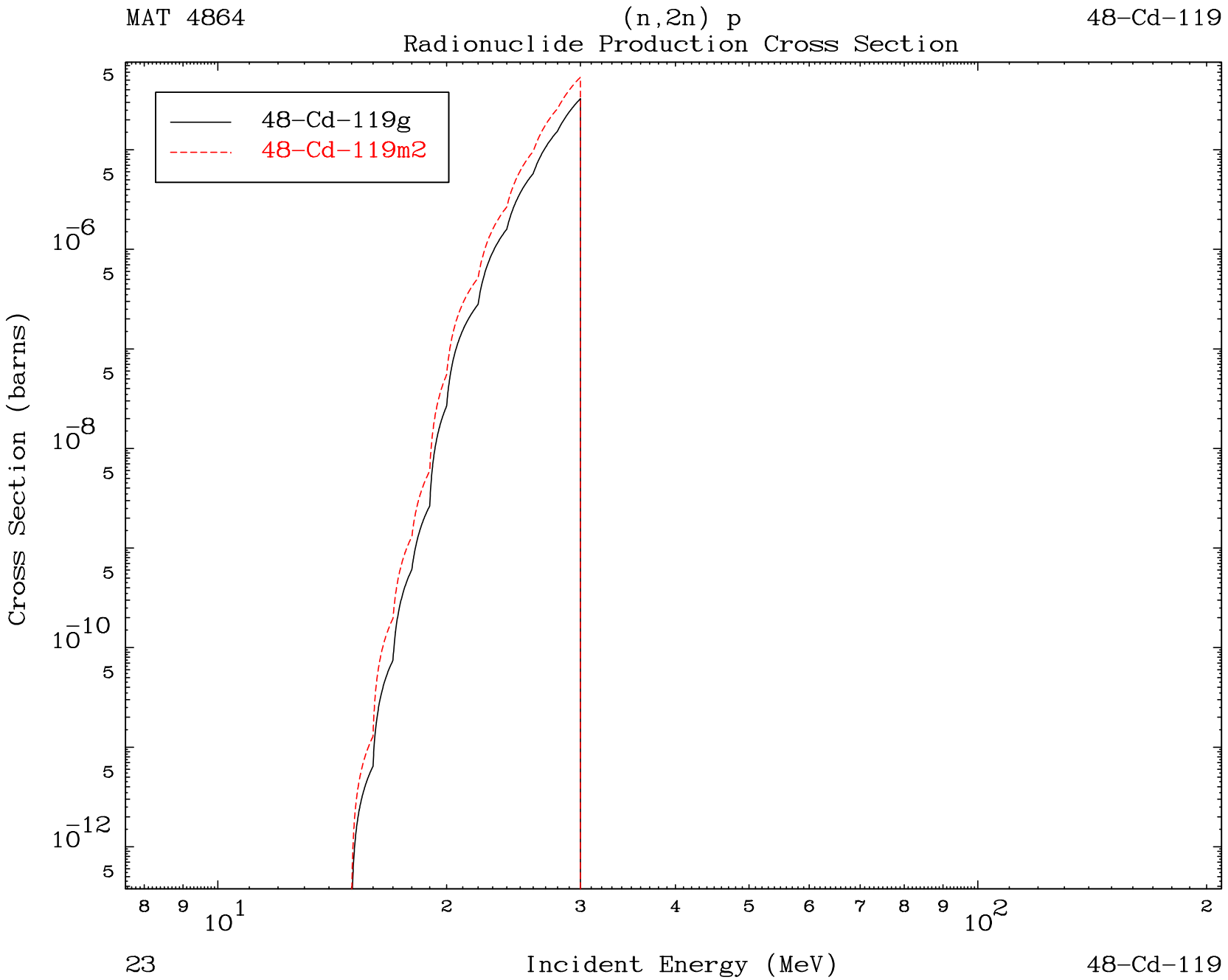

MAT 4864
(n,n') 2α
48-Cd-119
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10-10
10-12
10-14
10-16
100
101
102
Incident Energy (MeV)
18
48-Cd-119

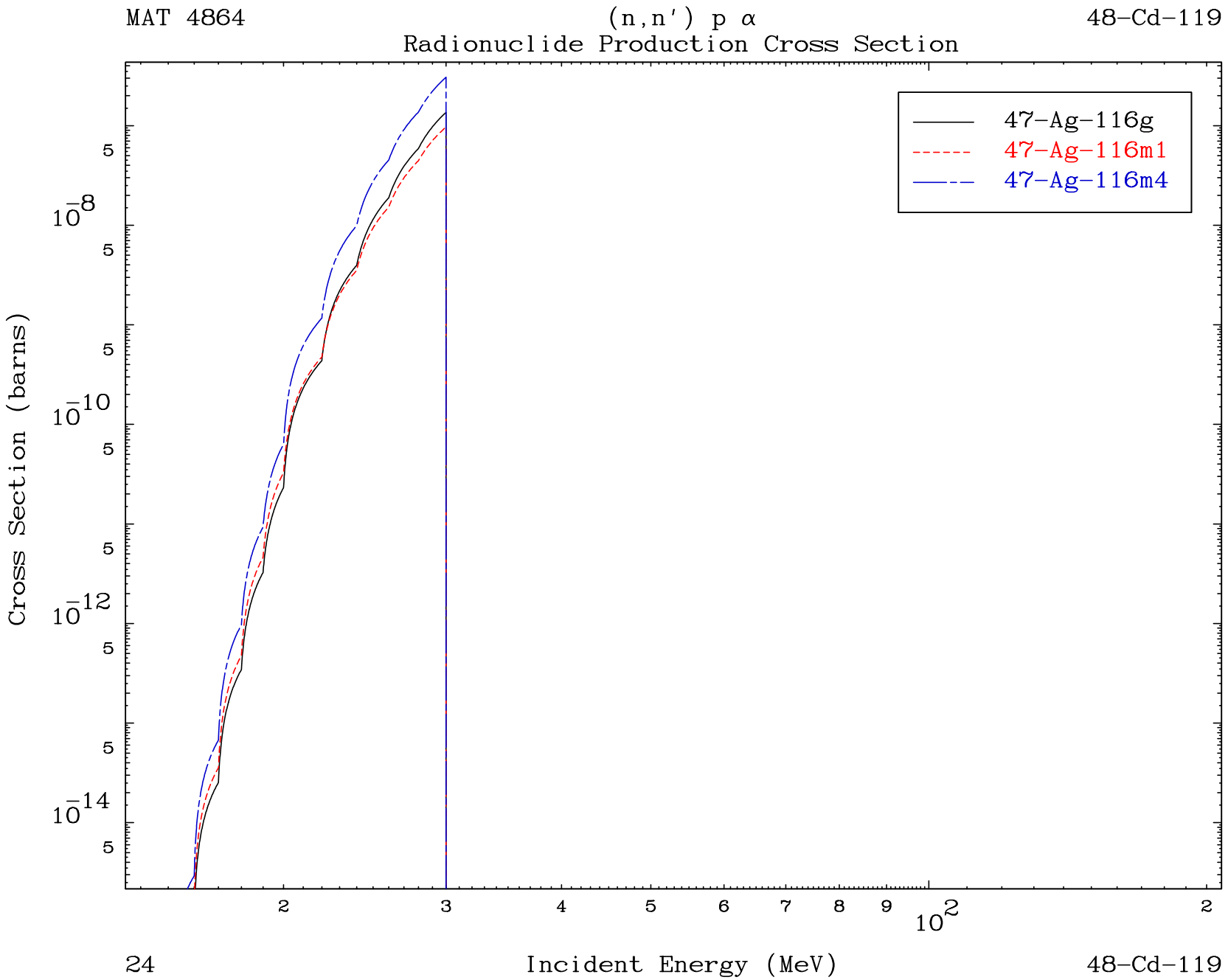

MAT 4864
(n,n') d
48-Cd-119
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
19
48-Cd-119

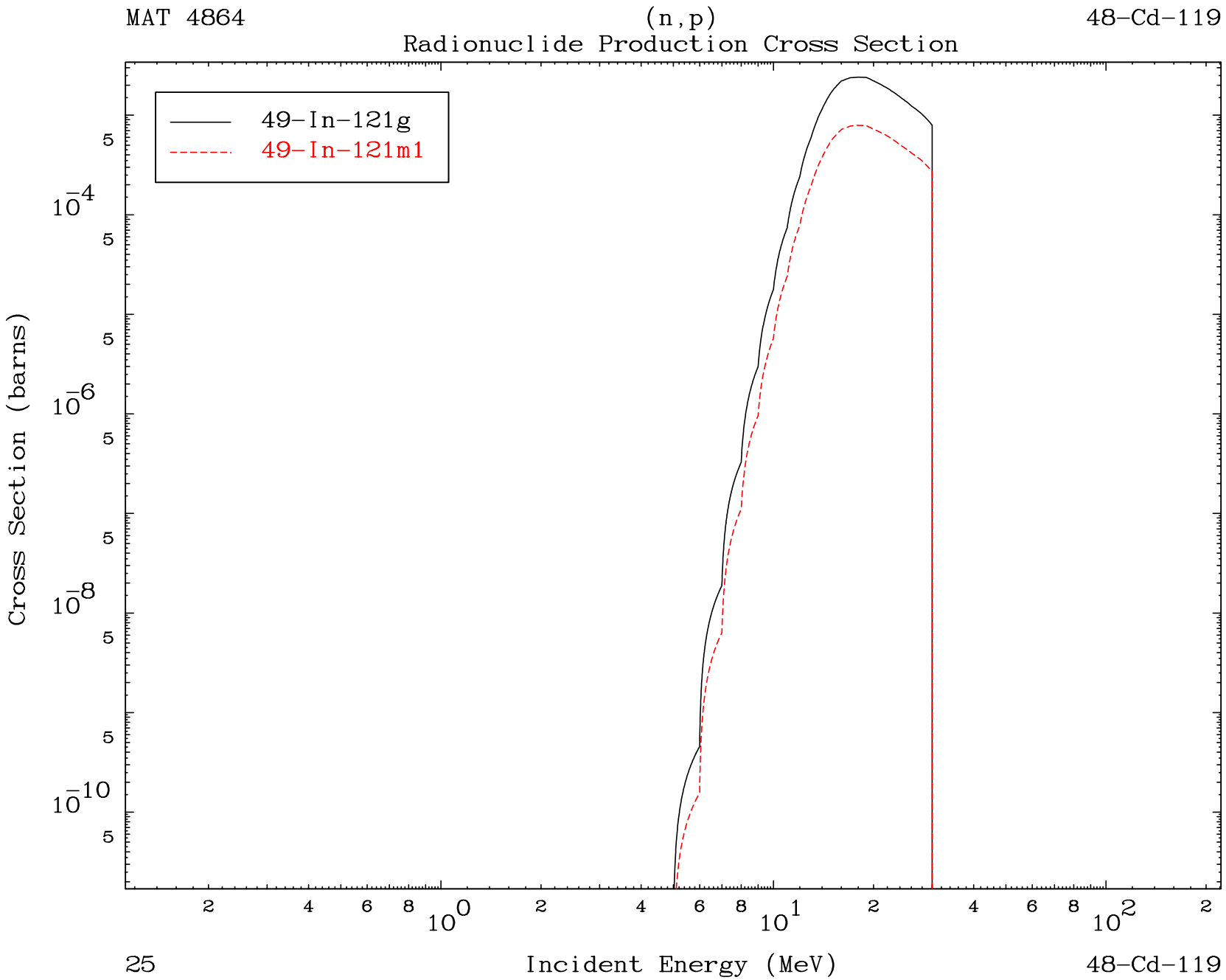

MAT 4864
(n,n') t
48-Cd-119
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
20
48-Cd-119

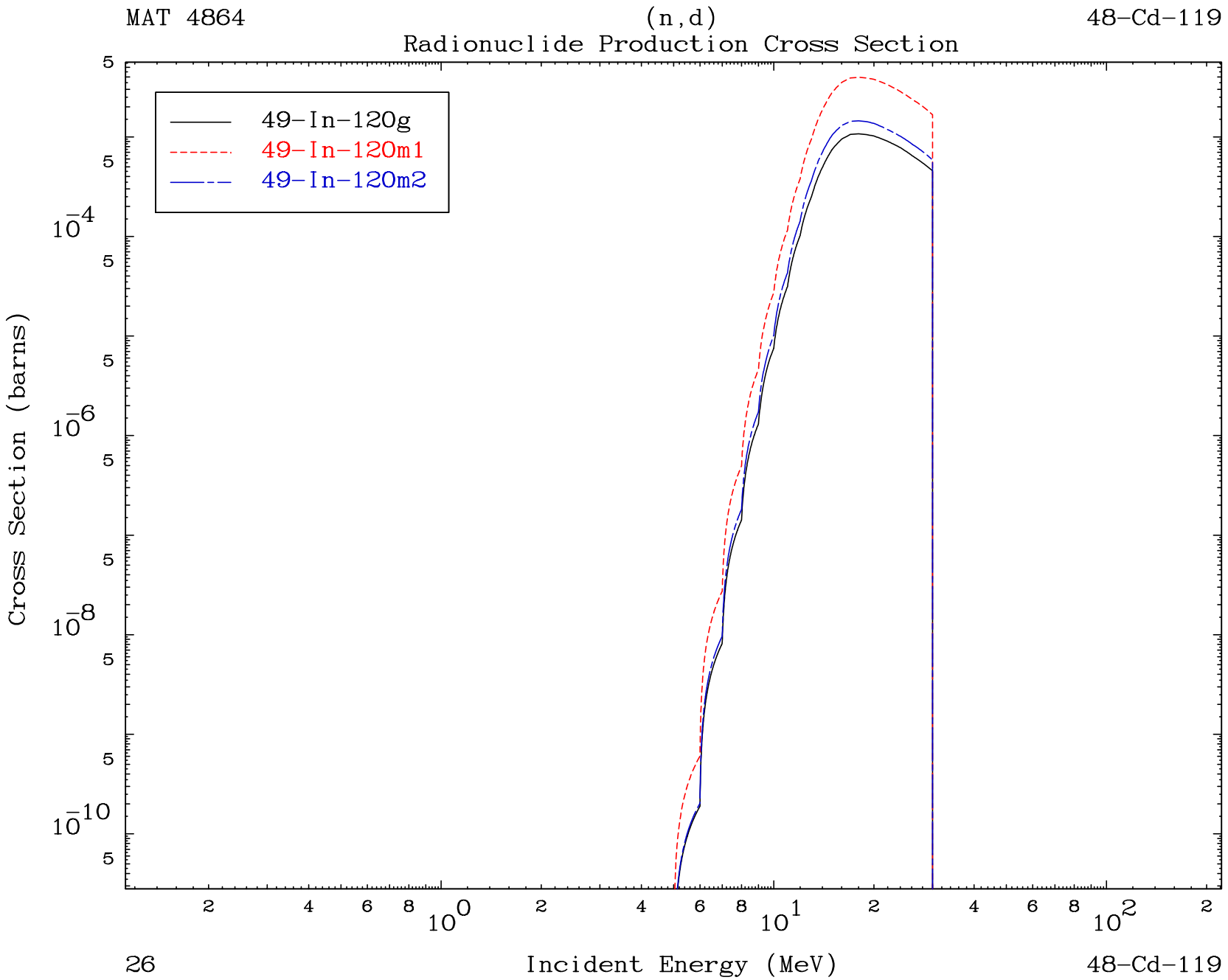

MAT 4864
(n,2n) p
48-Cd-119
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
21
48-Cd-119

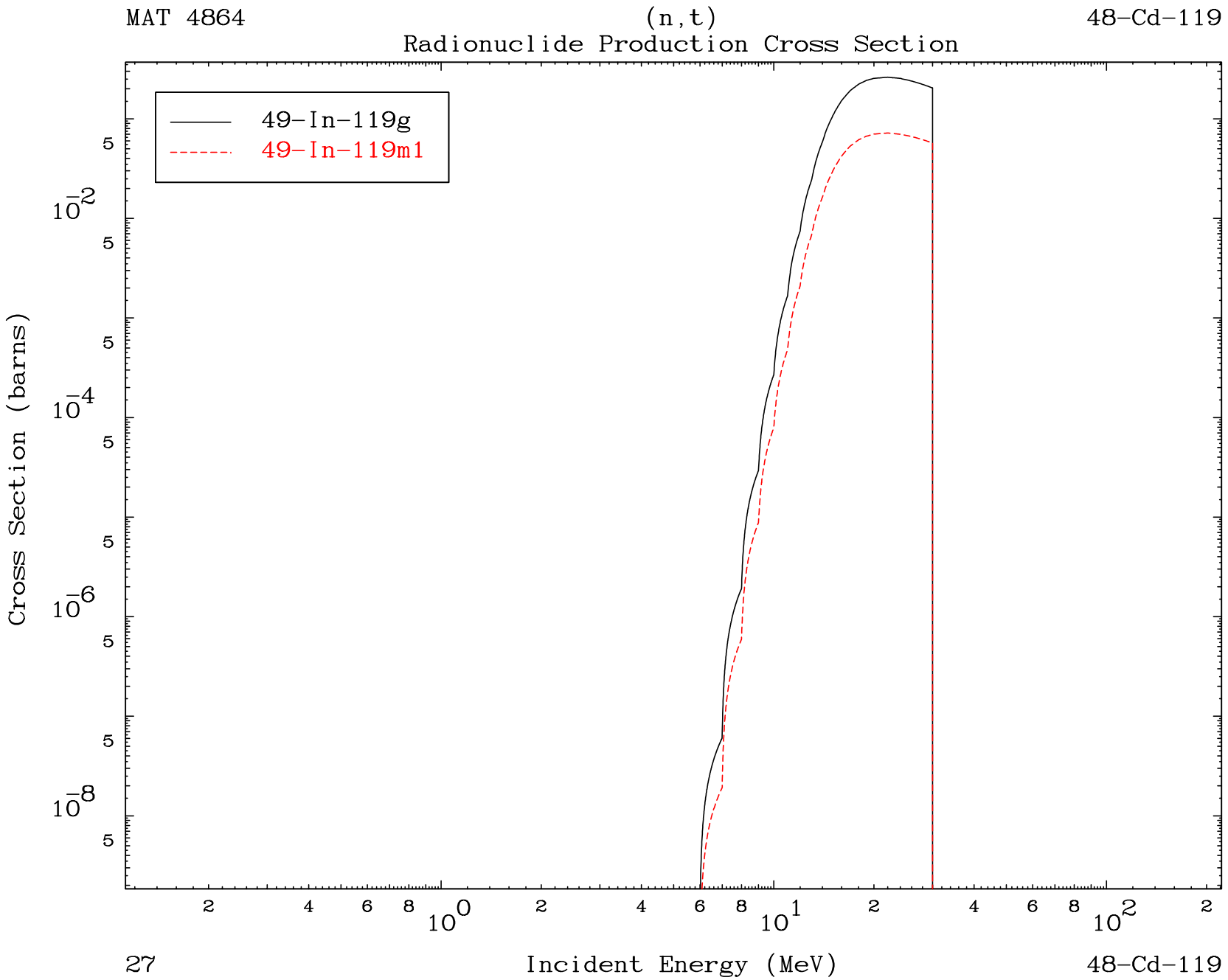

MAT 4864
(n,3n) p
48-Cd-119
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
48-Cd-119

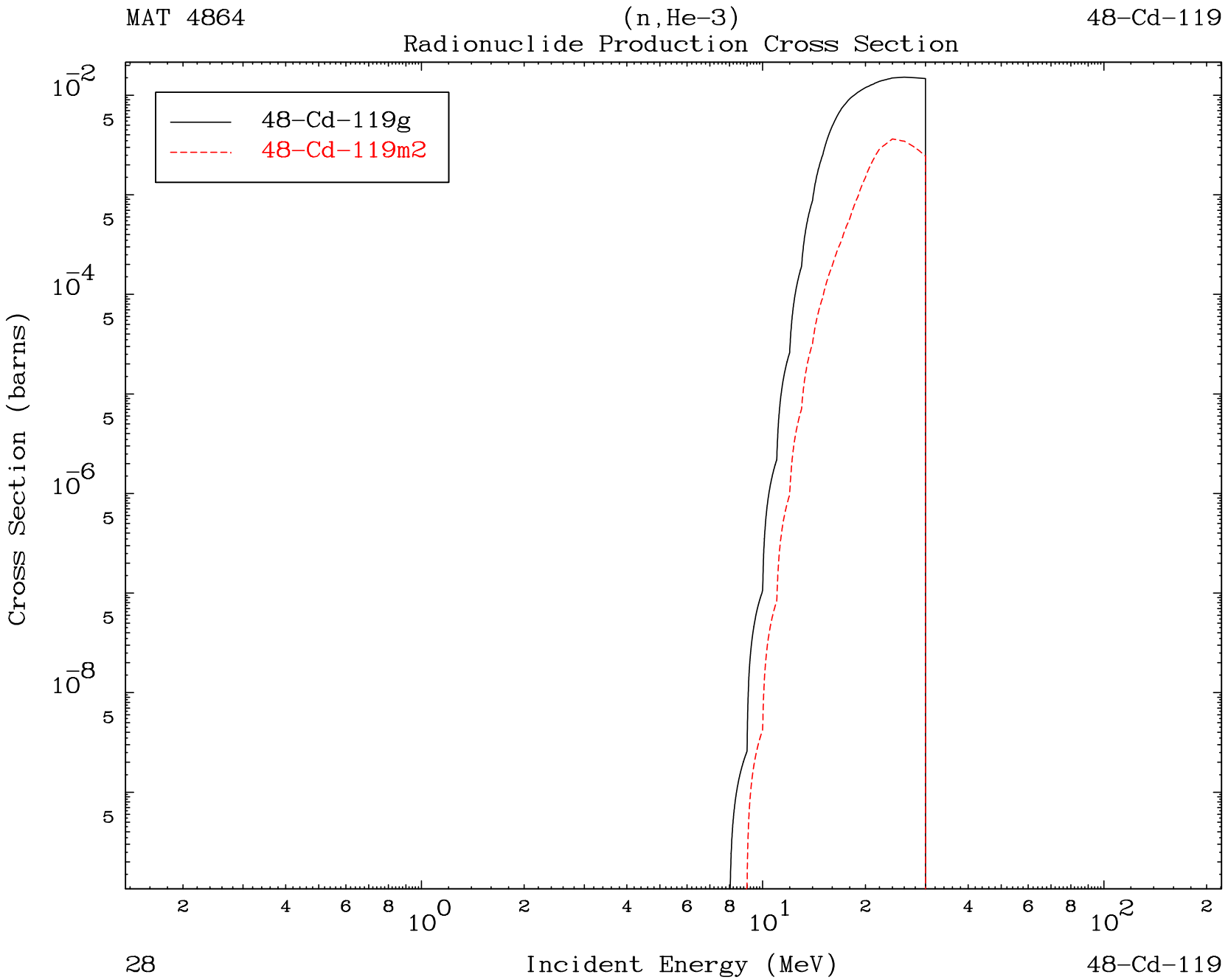

MAT 4864
(n,2n) p
48-Cd-119
Radionuclide Production Cross Section
48-Cd-119g
48-Cd-119m2
Cross Section (barns)
Incident Energy (MeV)
23
48-Cd-119

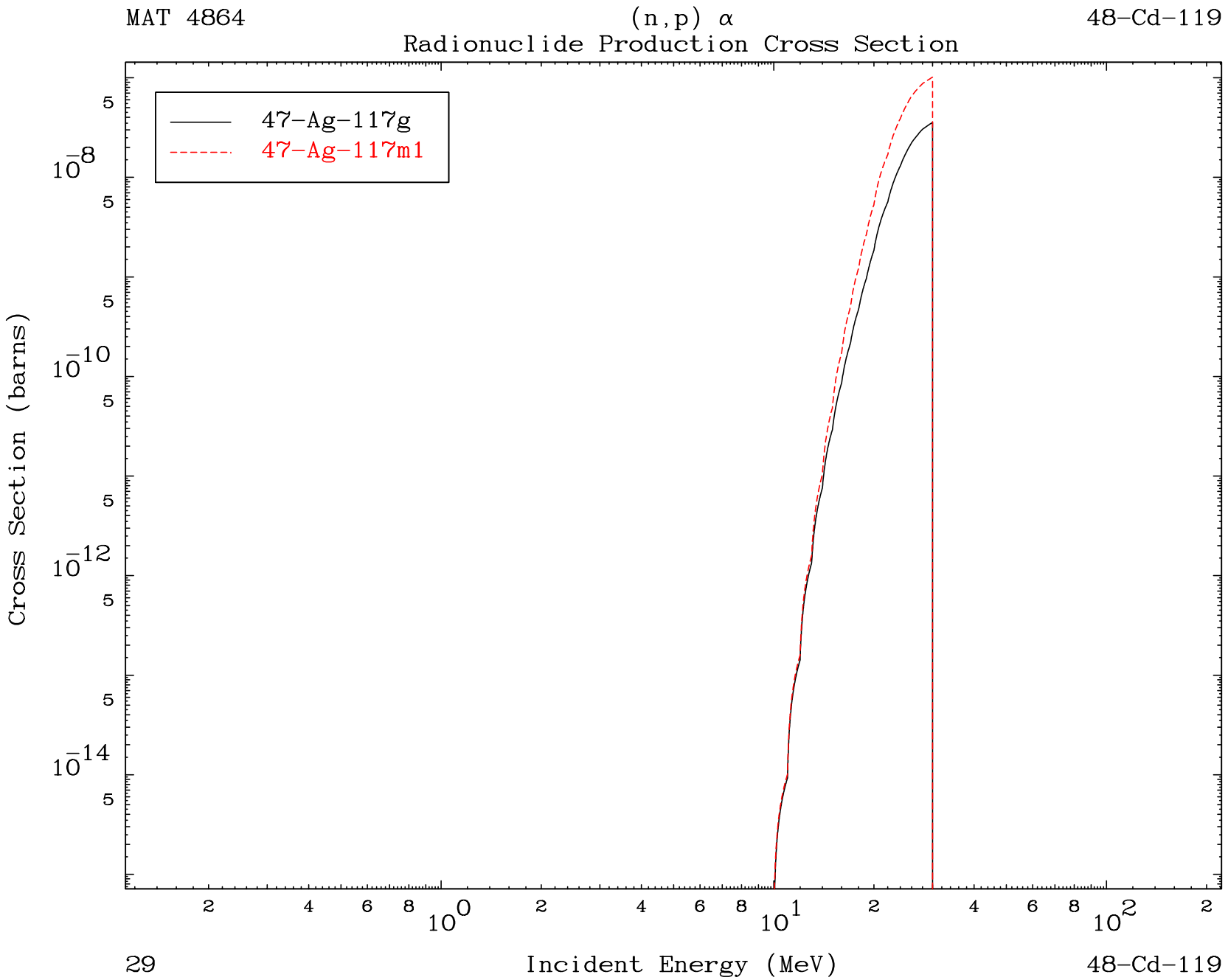

MAT 4864
(n,n') p α
48-Cd-119
Radionuclide Production Cross Section
47-Ag-116g
47-Ag-116m1
47-Ag-116m4
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
48-Cd-119

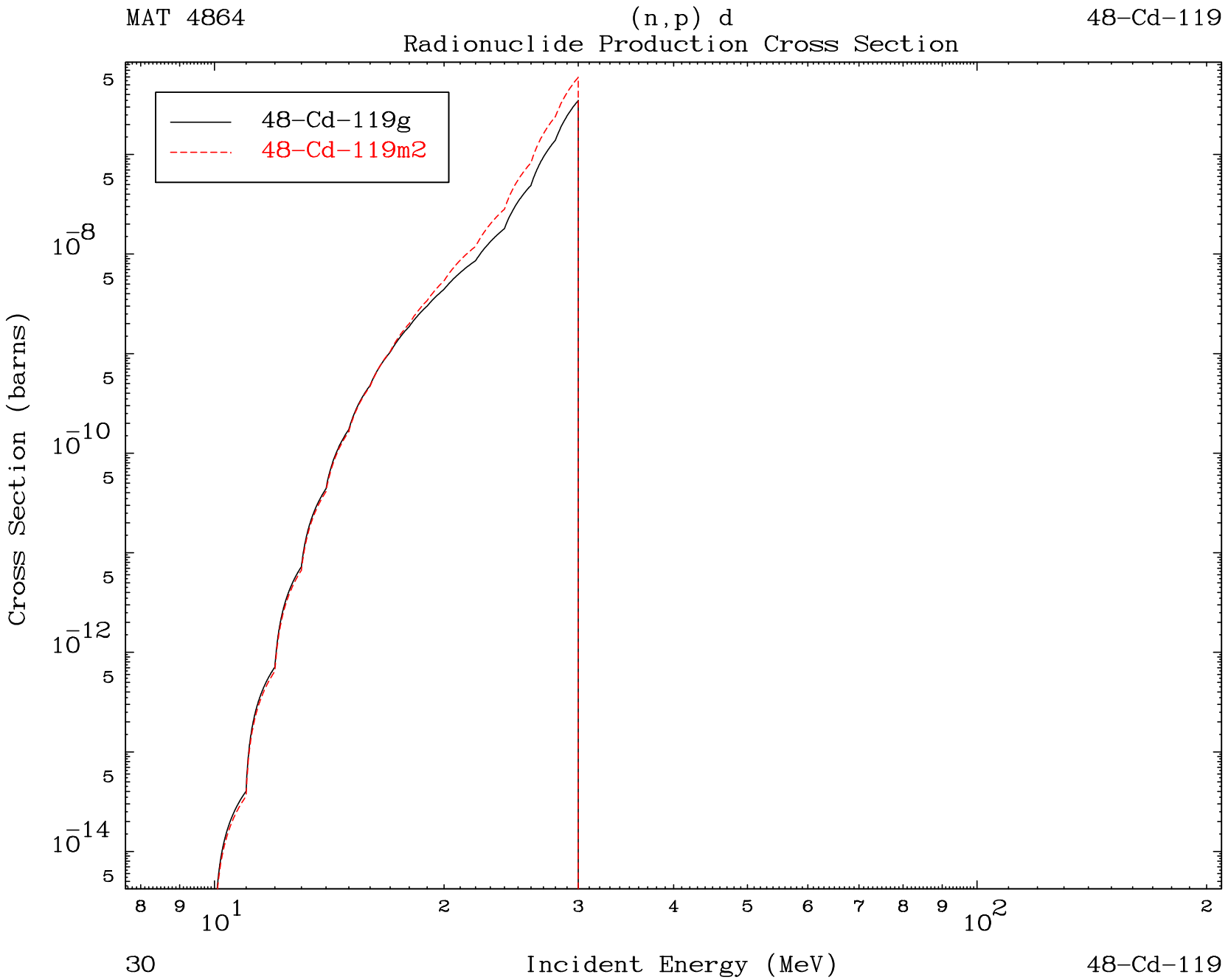

MAT 4864
(n,p)
48-Cd-119
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
25
48-Cd-119

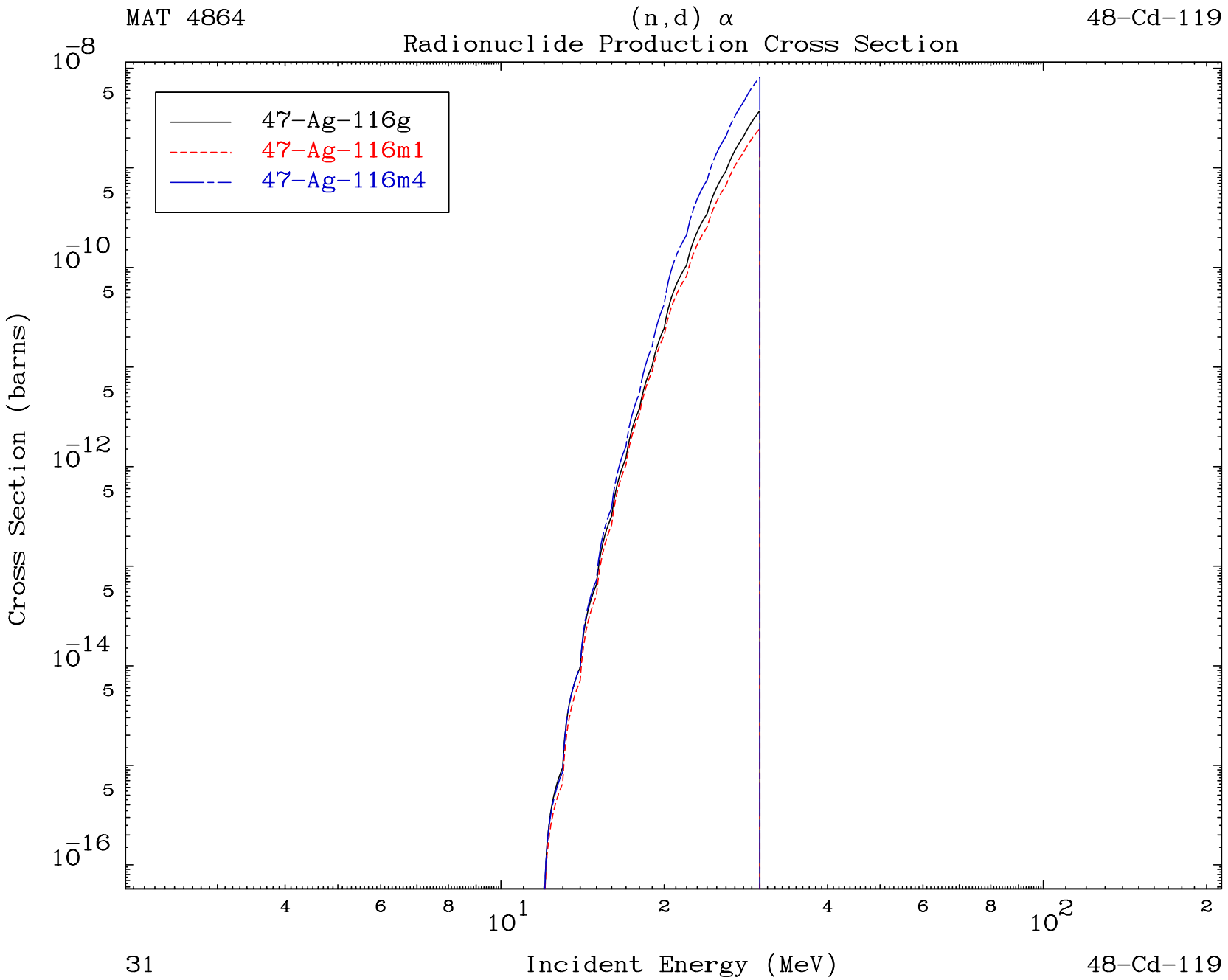

MAT 4864
(n,d)
48-Cd-119
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
26
48-Cd-119


MAT 4864
(n,t)
48-Cd-119
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
27
48-Cd-119


MAT 4864
(n,He-3)
48-Cd-119
Radionuclide Production Cross Section
48-Cd-119g
48-Cd-119m2
Cross Section (barns)
Incident Energy (MeV)
28
48-Cd-119


MAT 4864
(n,p) α
48-Cd-119
Radionuclide Production Cross Section
47-Ag-117g
47-Ag-117m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
29
48-Cd-119


MAT 4864
(n,p) d
48-Cd-119
Radionuclide Production Cross Section
48-Cd-119g
48-Cd-119m2
Cross Section (barns)
Incident Energy (MeV)
30
48-Cd-119


MAT 4864
(n,d) α
48-Cd-119
Radionuclide Production Cross Section
47-Ag-116g
47-Ag-116m1
47-Ag-116m4
Cross Section (barns)
Incident Energy (MeV)
31
48-Cd-119