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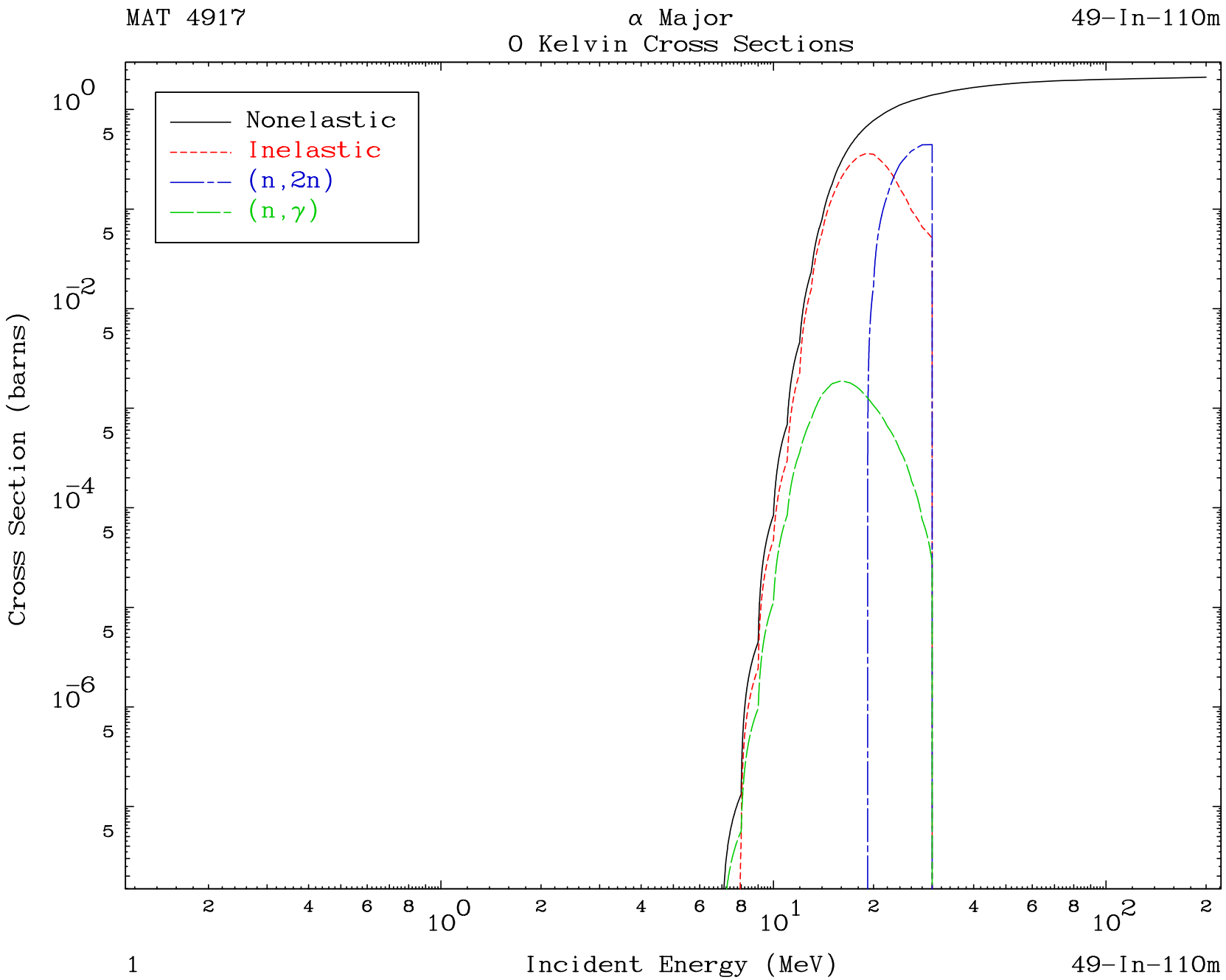
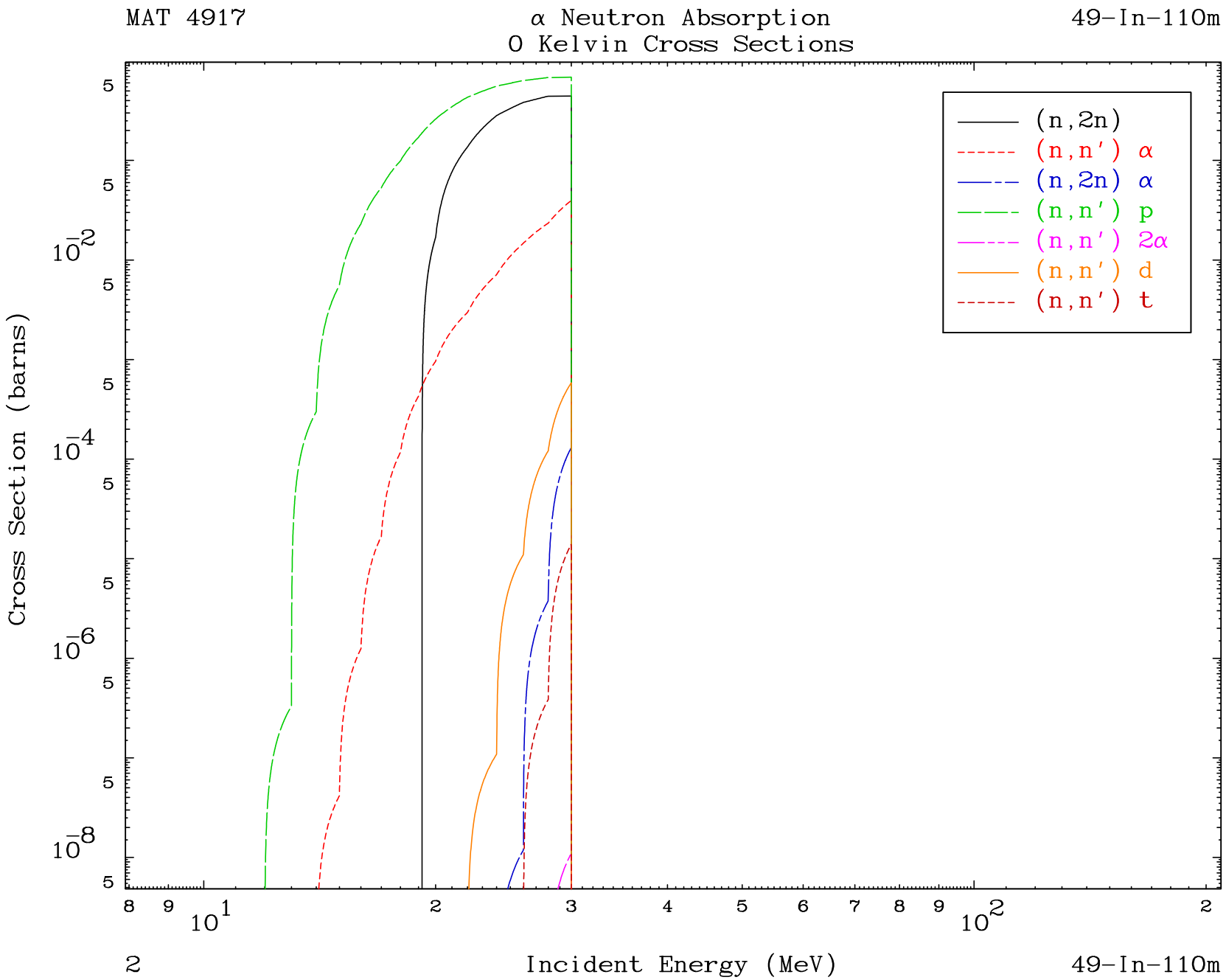
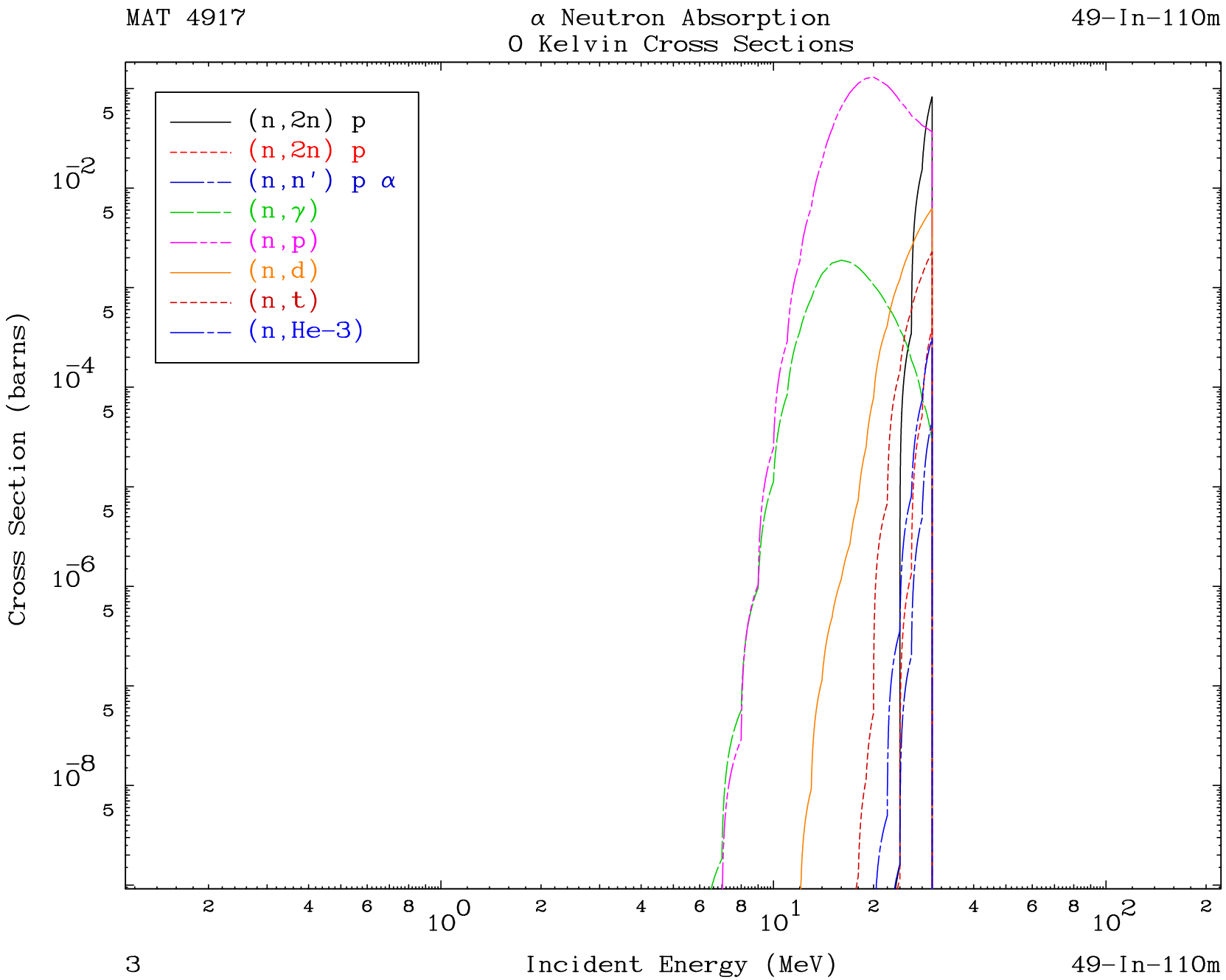
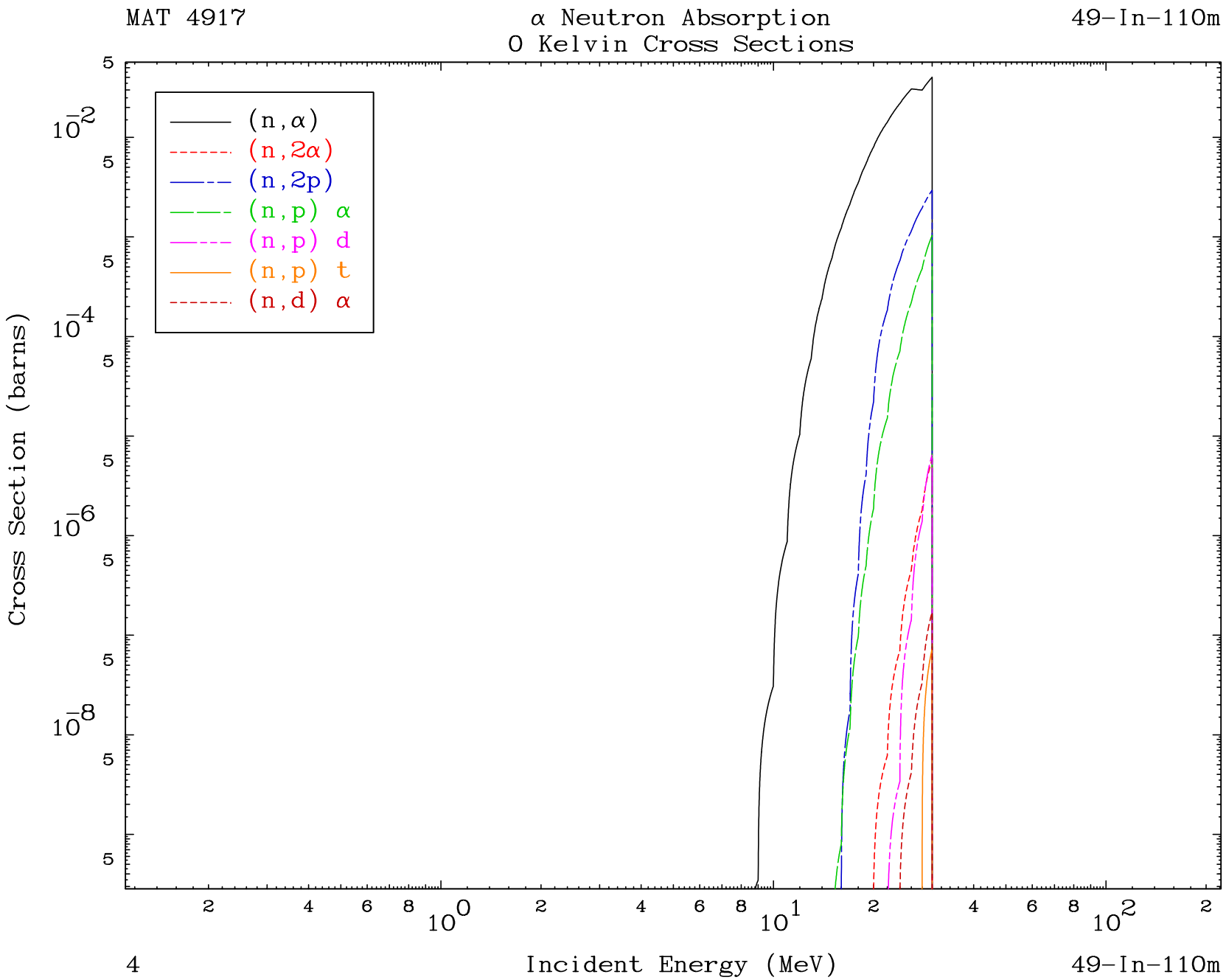
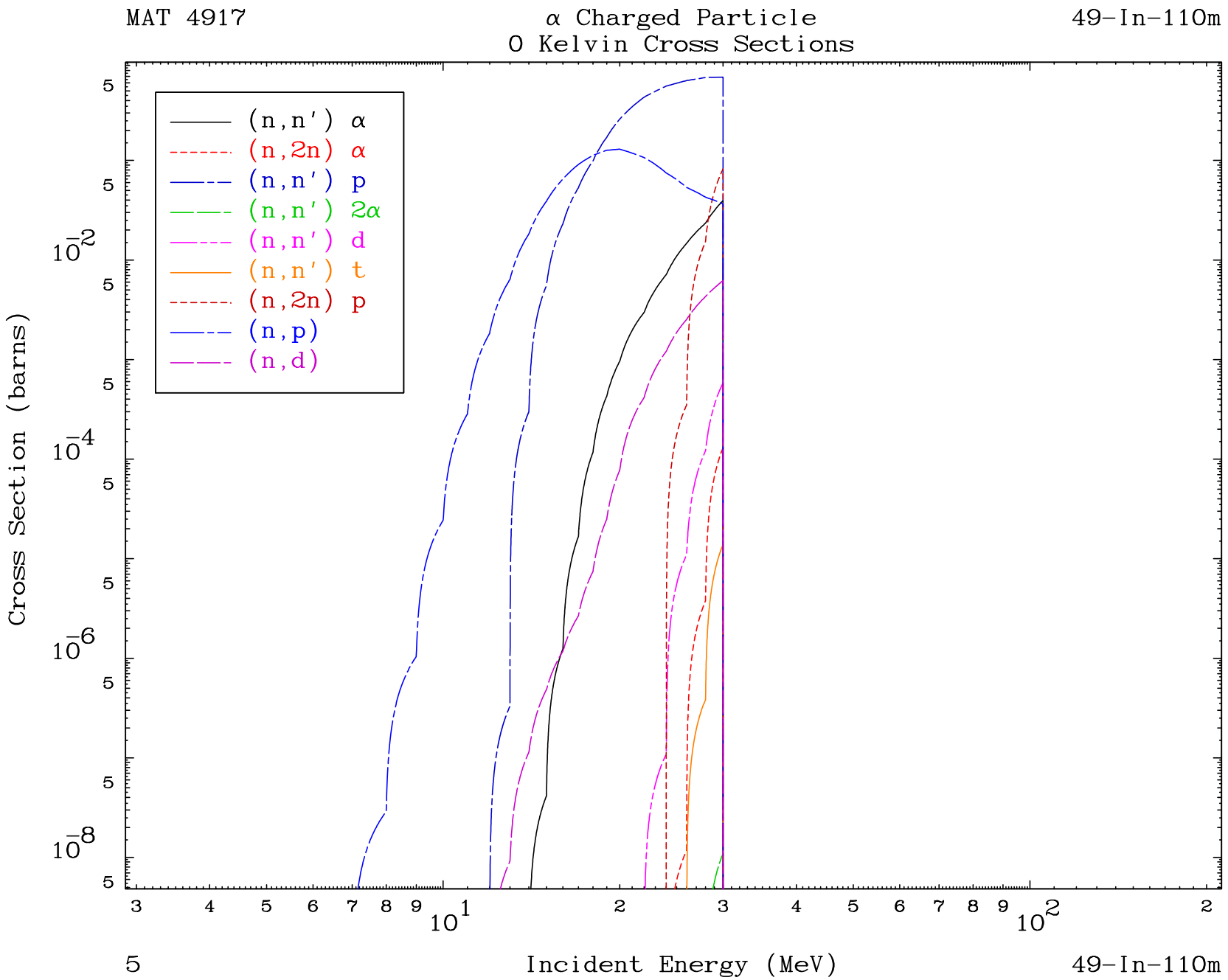
Press Mouse Button to Start

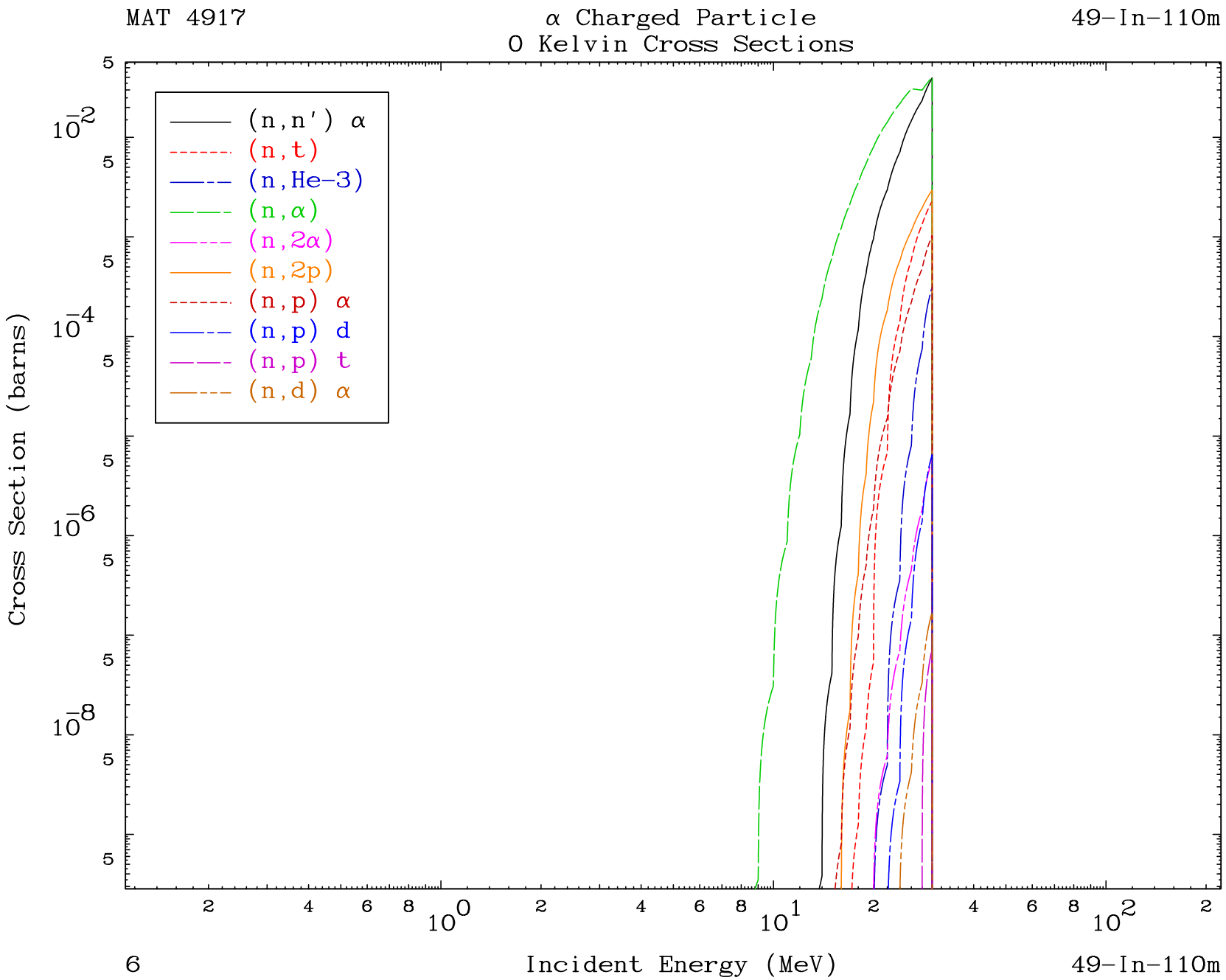

MAT 4917
α Major
49-In-110m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-110m
1

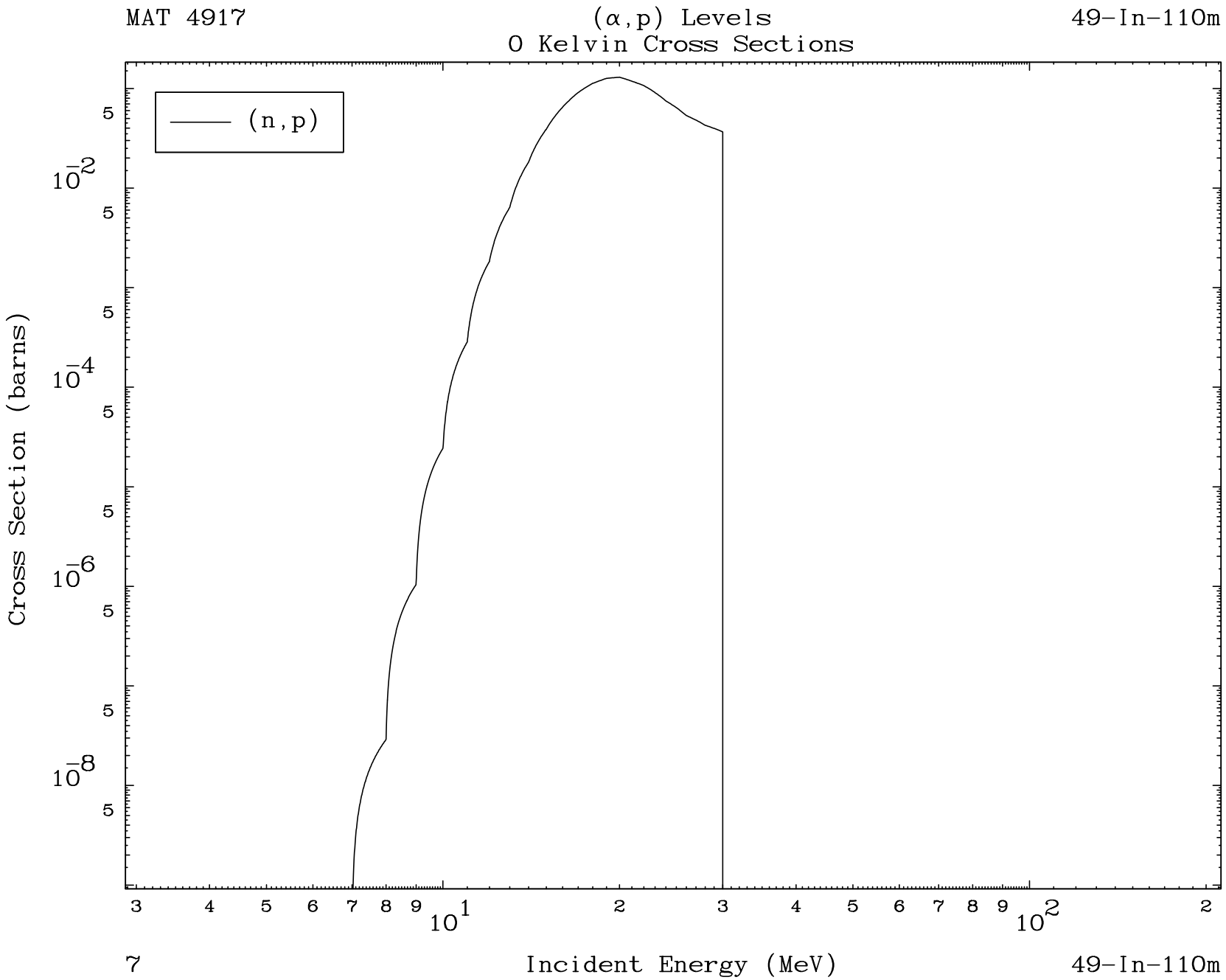

MAT 4917
α Neutron Absorption
0 Kelvin Cross Sections
49-In-110m
Cross Section (barns)
Incident Energy (MeV)
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
49-In-110m
2

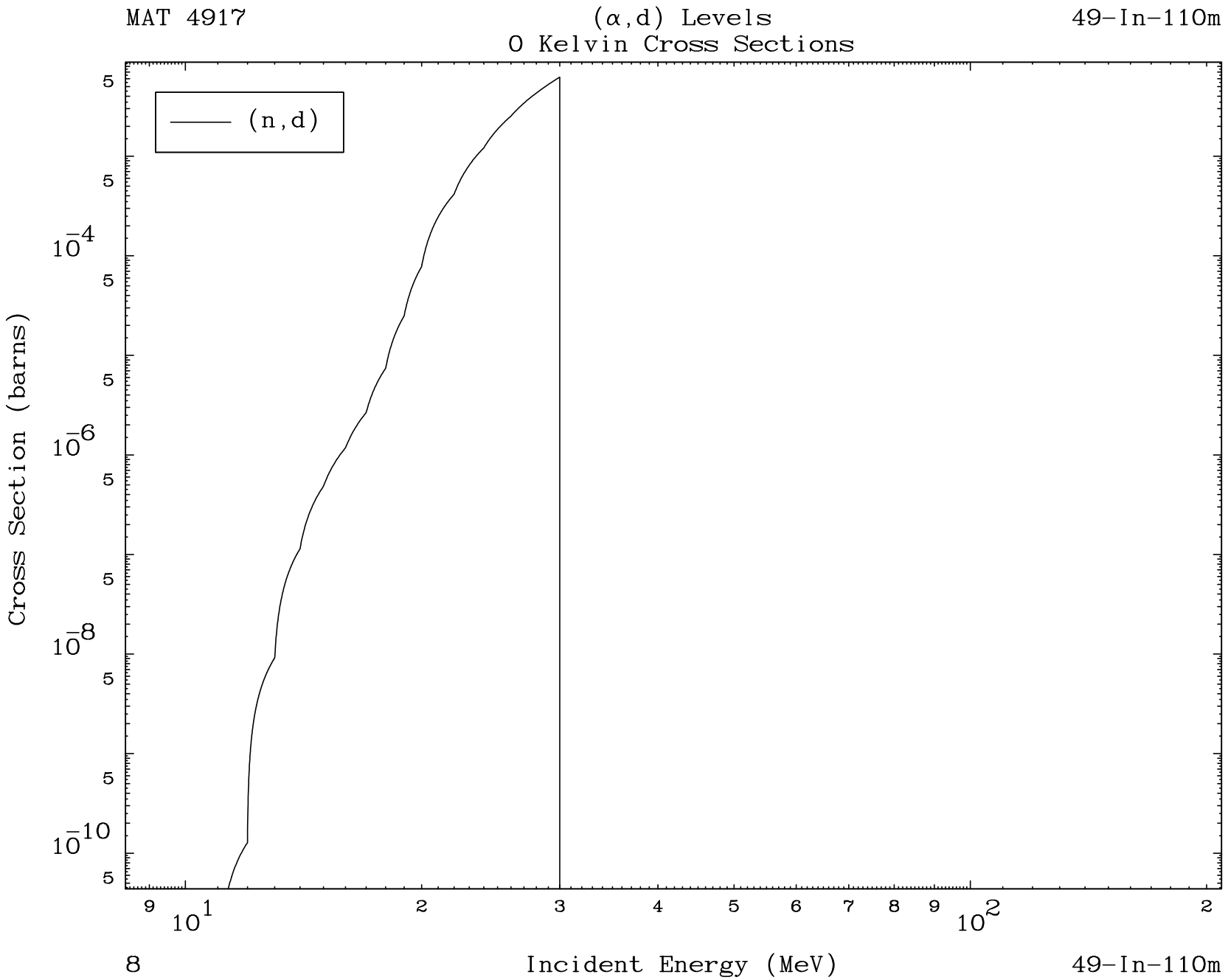

MAT 4917
α Neutron Absorption
0 Kelvin Cross Sections
49-In-110m
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
49-In-110m

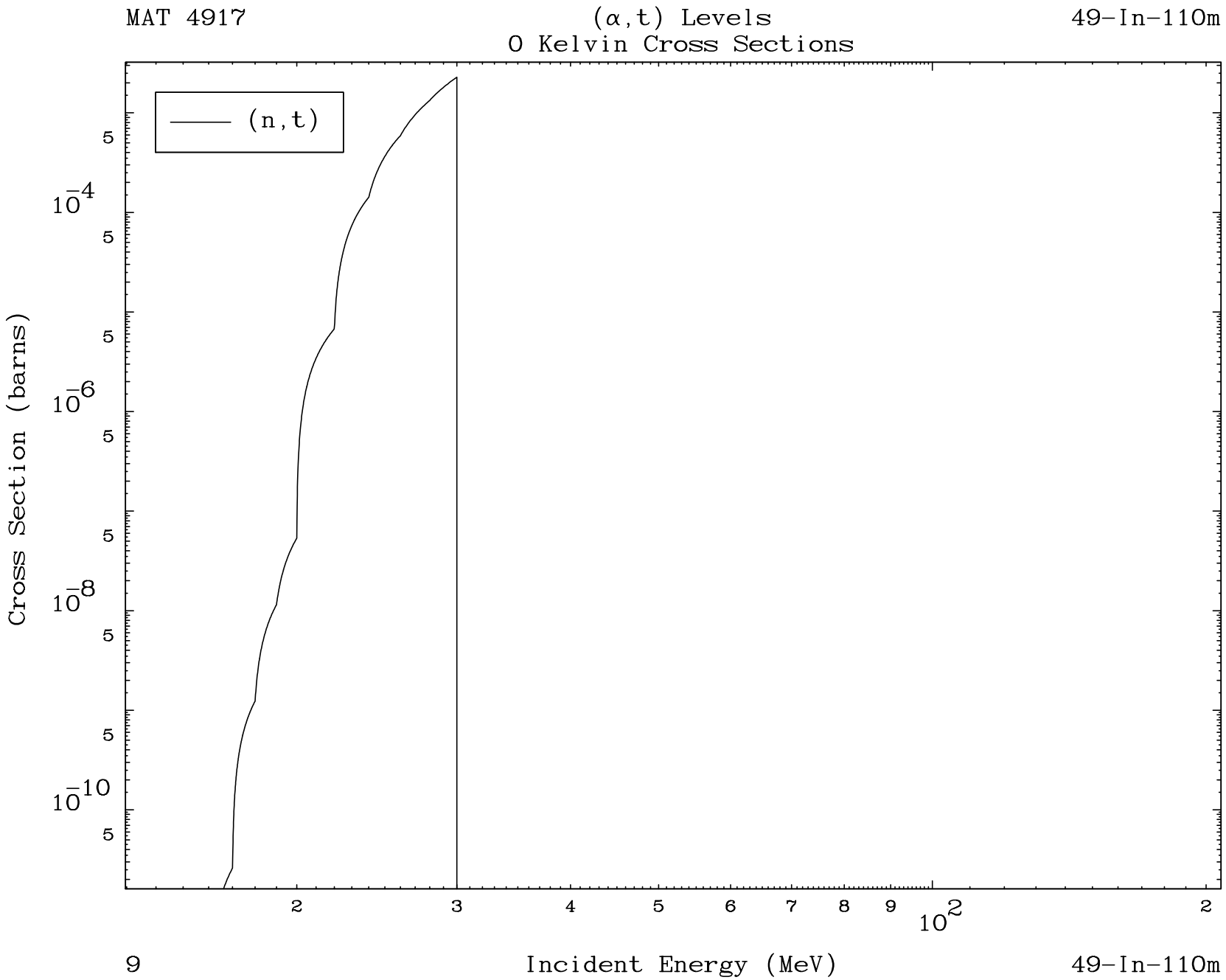

MAT 4917
α Neutron Absorption
0 Kelvin Cross Sections
49-In-110m
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
49-In-110m

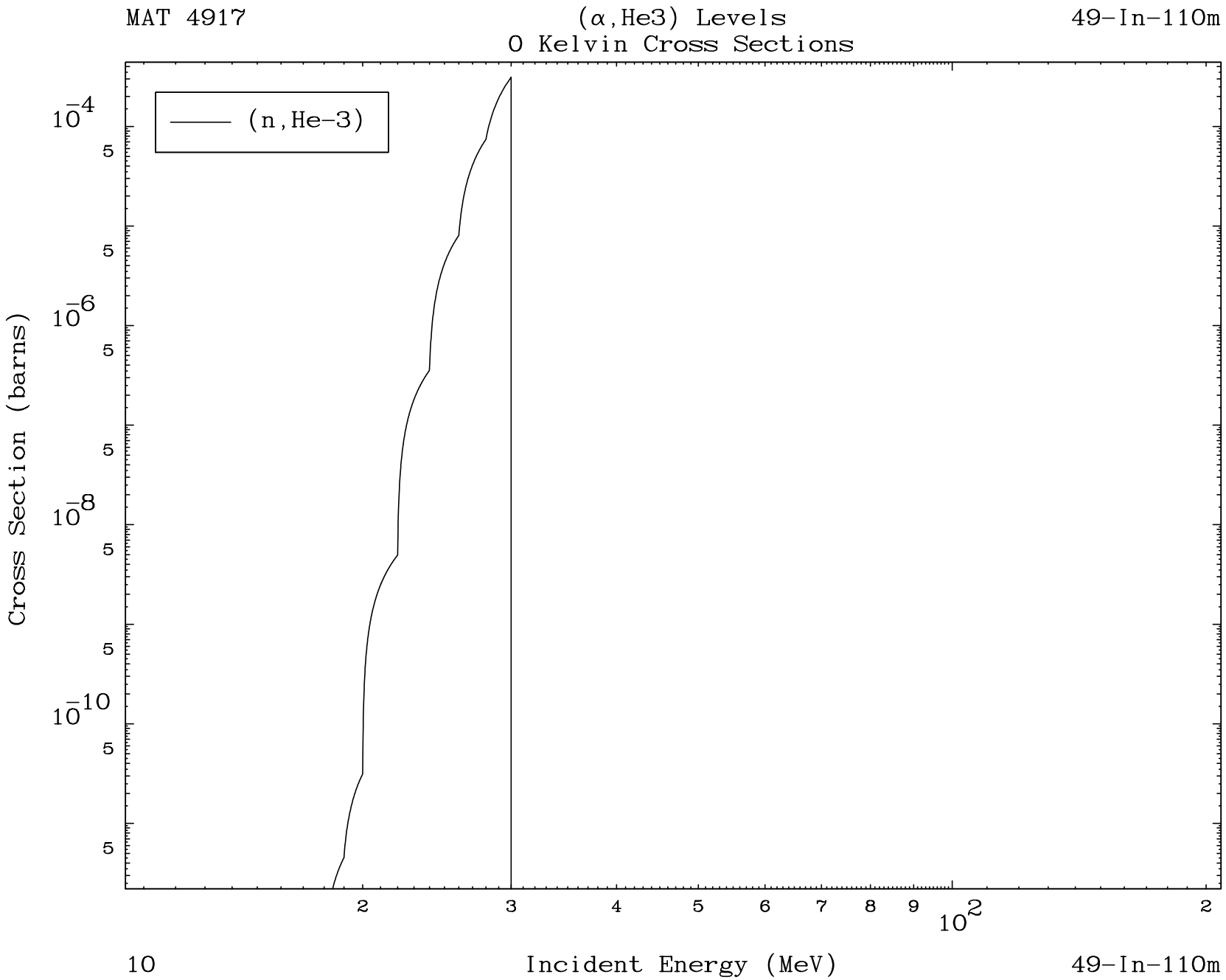

MAT 4917
α Charged Particle
0 Kelvin Cross Sections
49-In-110m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
49-In-110m

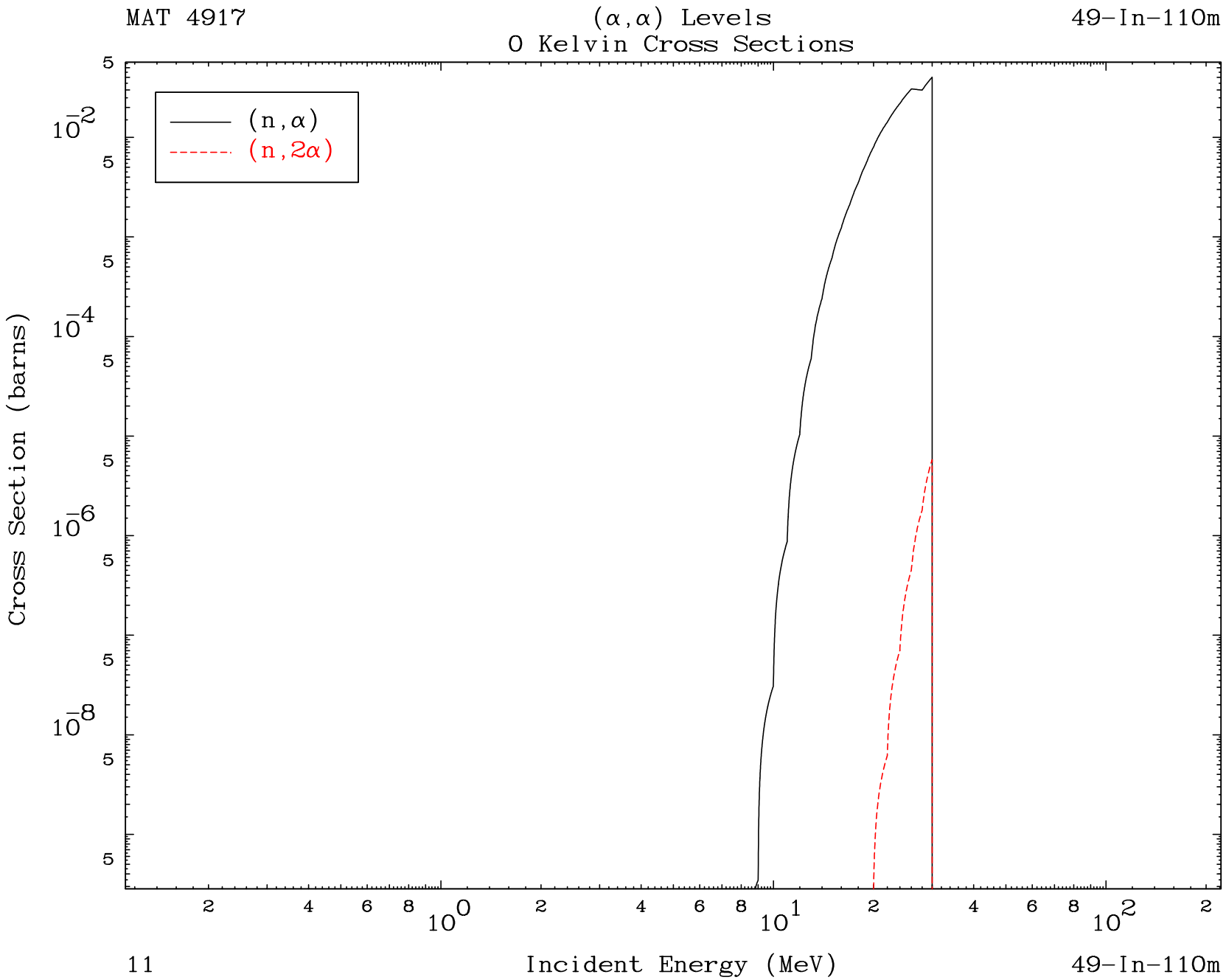

MAT 4917
α Charged Particle
0 Kelvin Cross Sections
49-In-110m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
49-In-110m

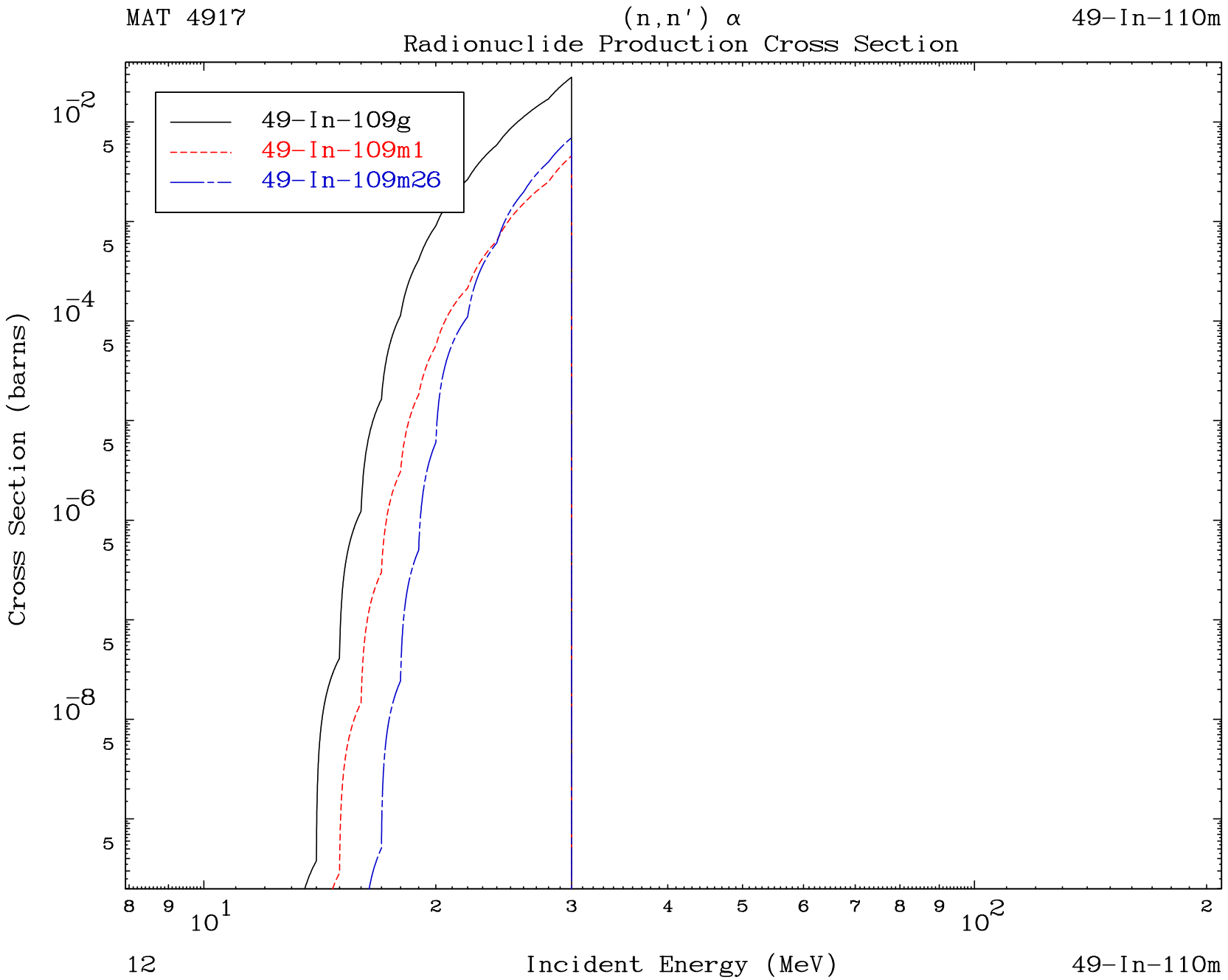

MAT 4917
(α,p) Levels
49-In-110m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 2
Incident Energy (MeV)
7
49-In-110m

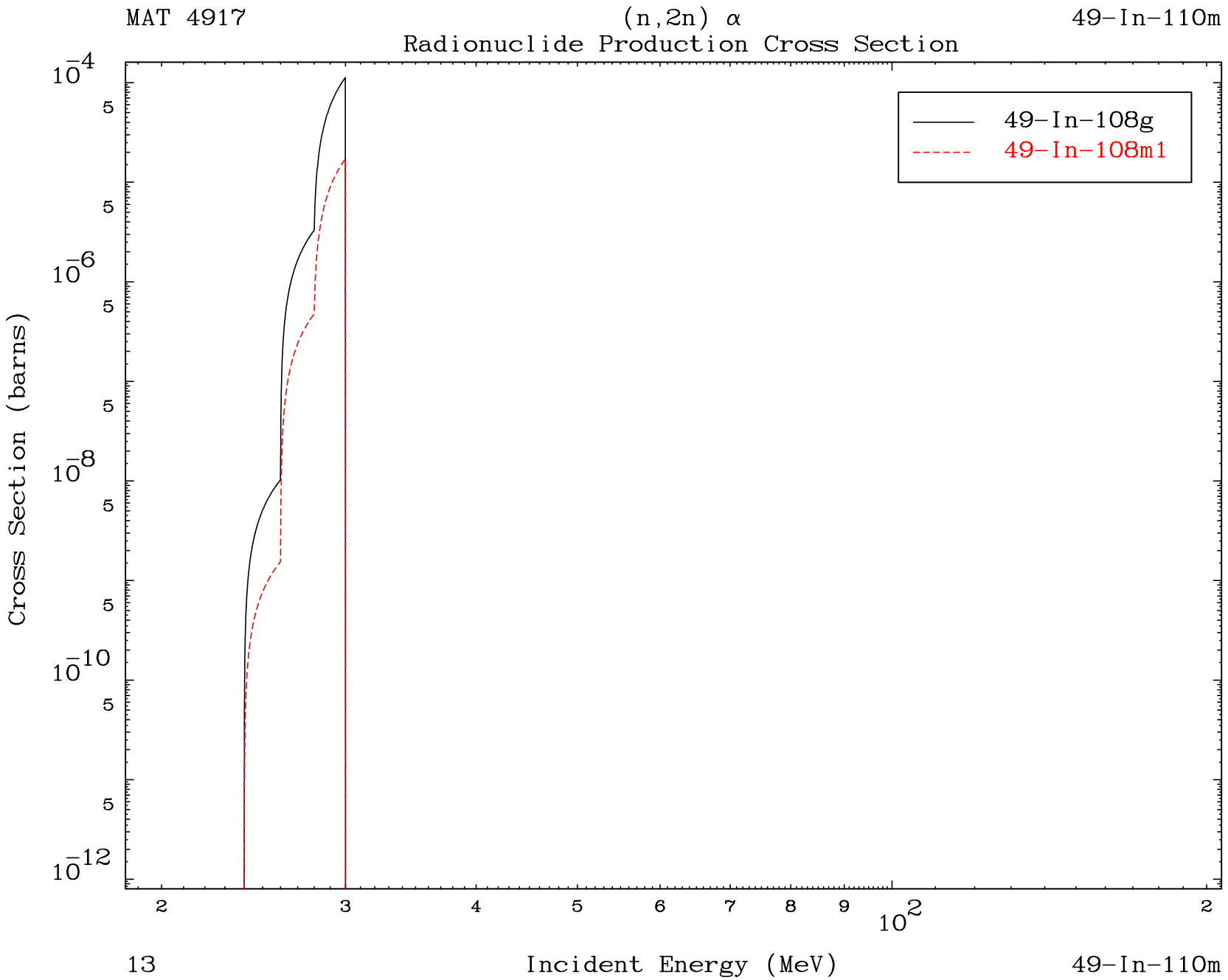

MAT 4917
(α,d) Levels
49-In-110m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
49-In-110m
8

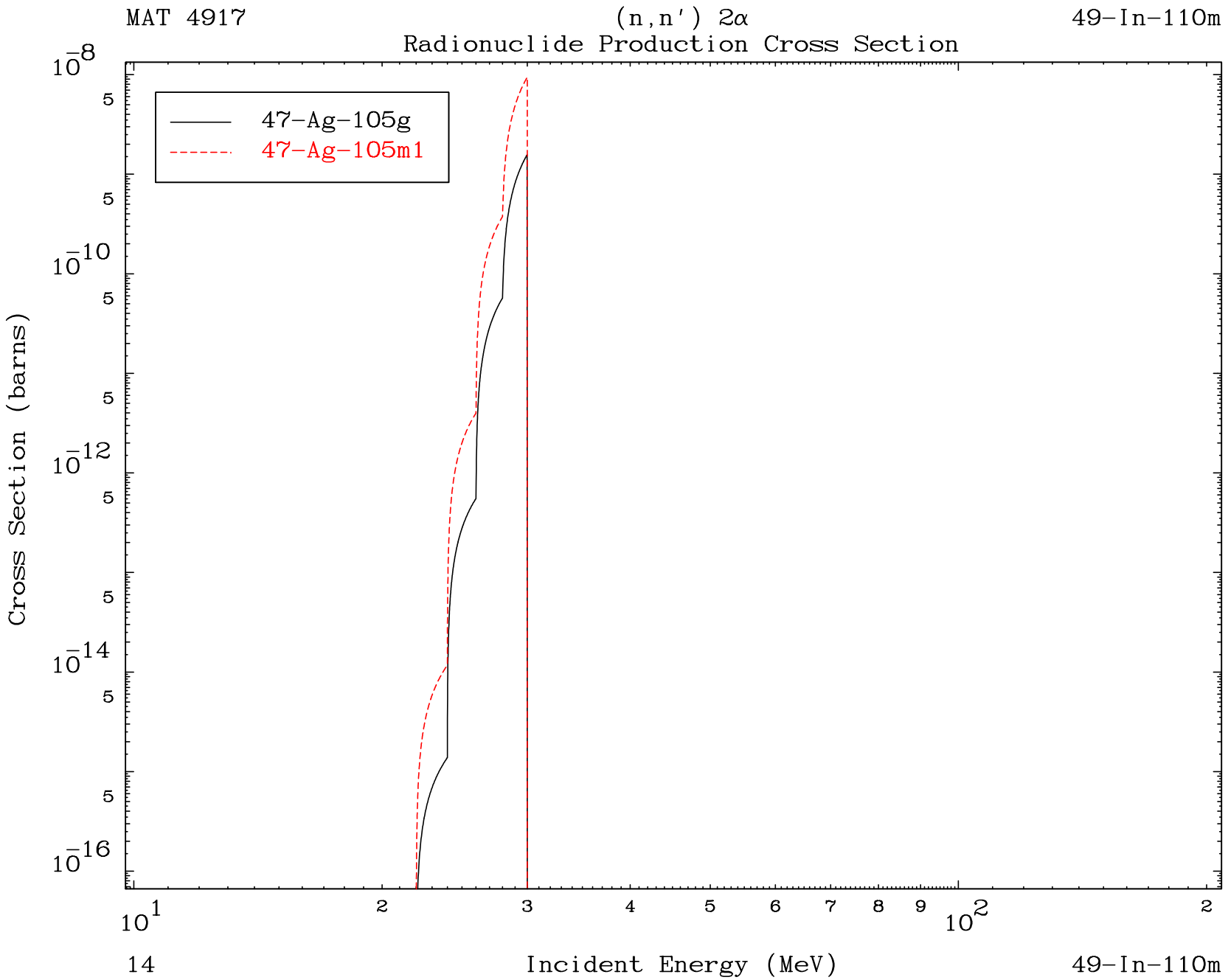

MAT 4917
(α,t) Levels
49-In-110m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
49-In-110m

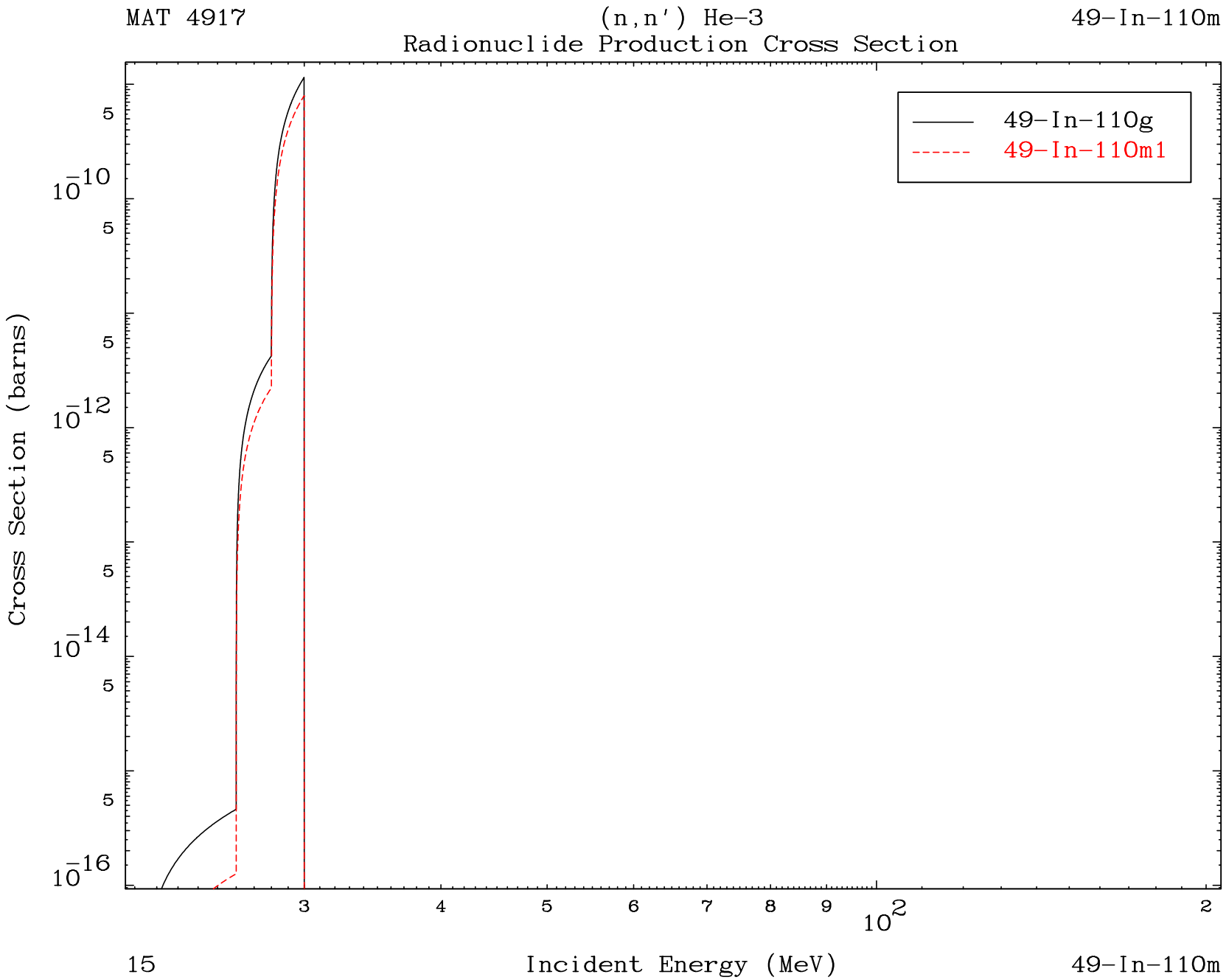

MAT 4917
(α,He3) Levels
49-In-110m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^2
49-In-110m

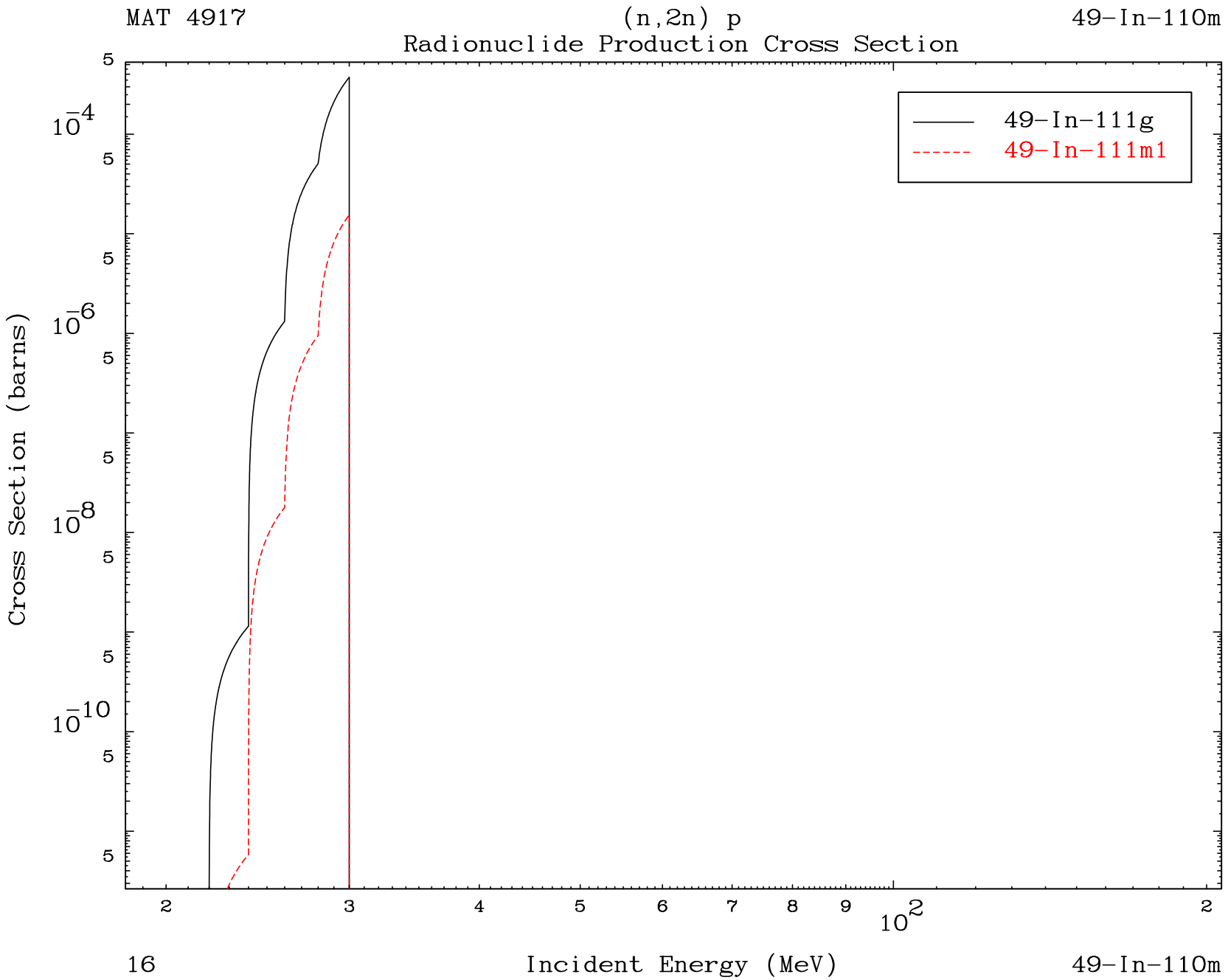

MAT 4917
(α,α) Levels
49-In-110m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
49-In-110m

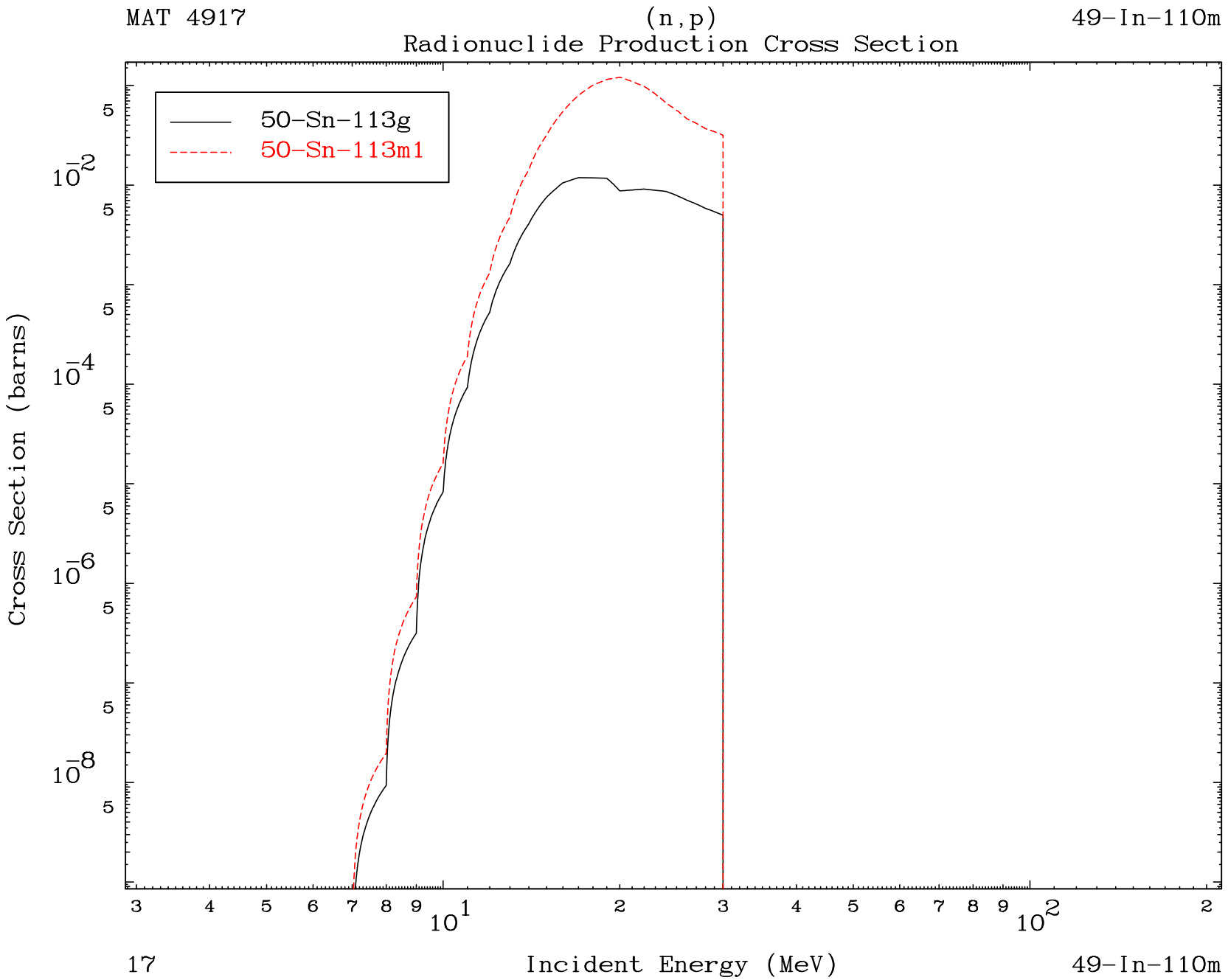

MAT 4917
(n,n') α
49-In-110m
Radionuclide Production Cross Section
49-In-109g
49-In-109m1
49-In-109m26
Cross Section (barns)
Incident Energy (MeV)
12
49-In-110m

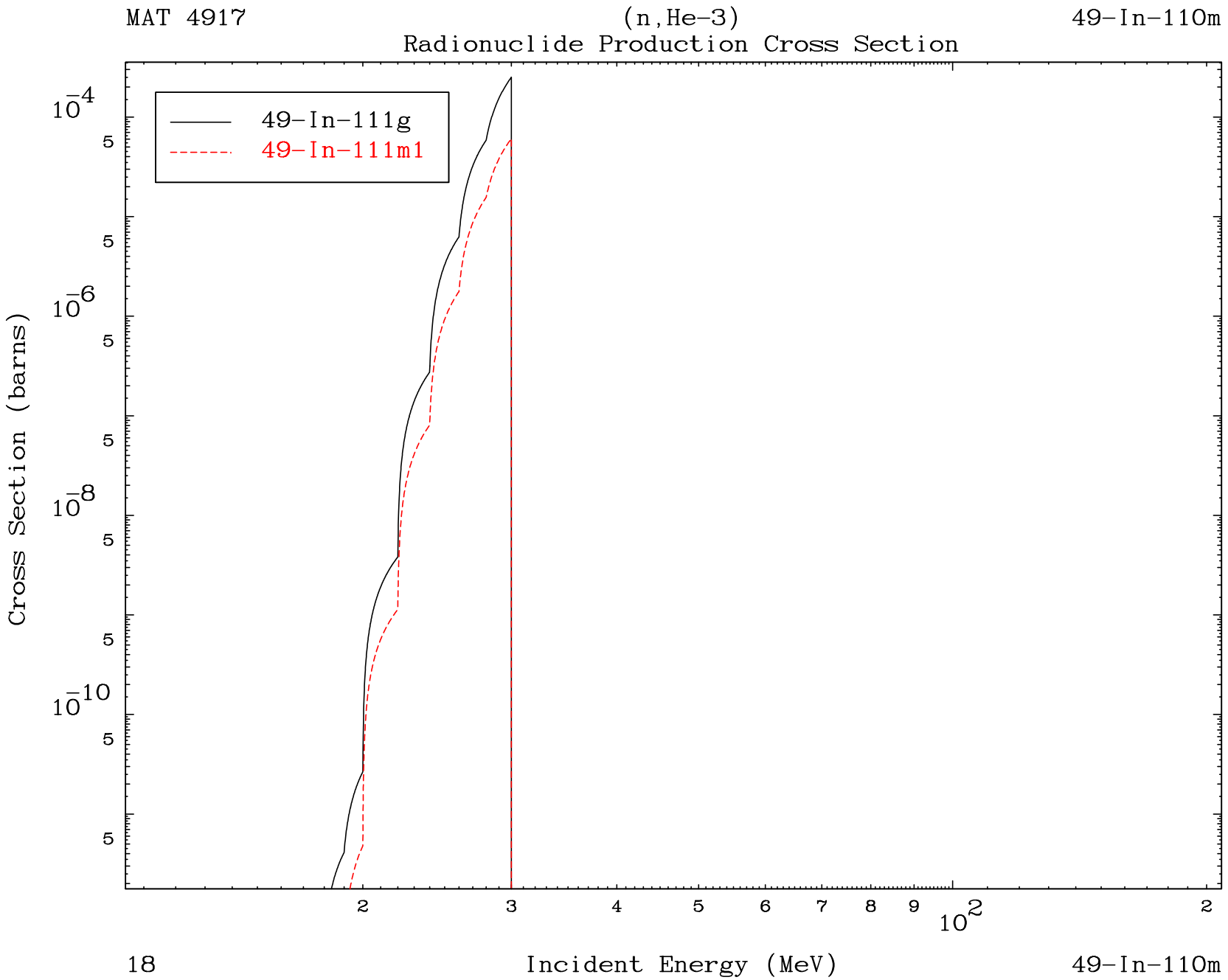

MAT 4917
(n,2n) α
49-In-110m
Radionuclide Production Cross Section
49-In-108g
49-In-108m1
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
49-In-110m

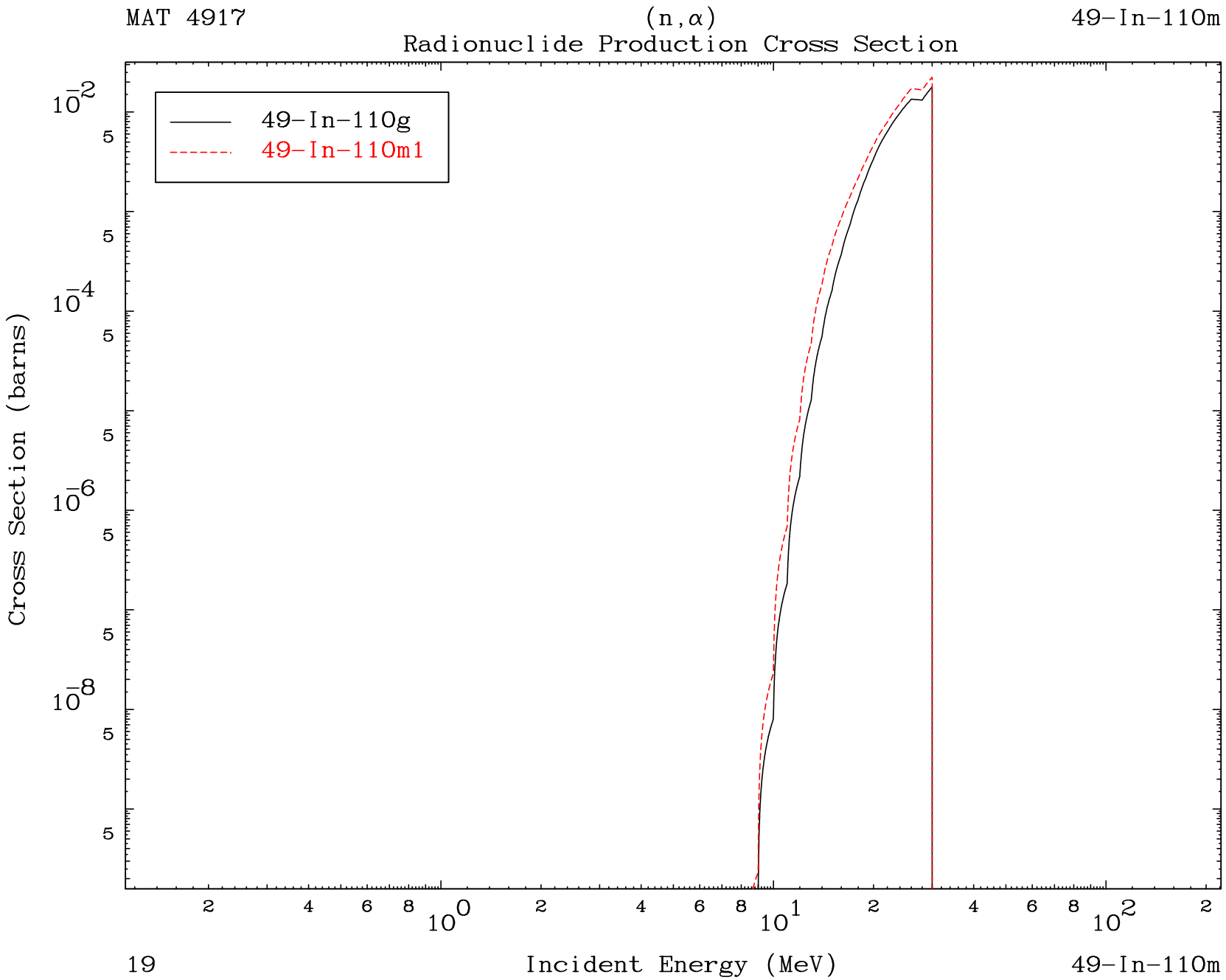

MAT 4917
(n,n') 2α
49-In-110m
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
14
49-In-110m

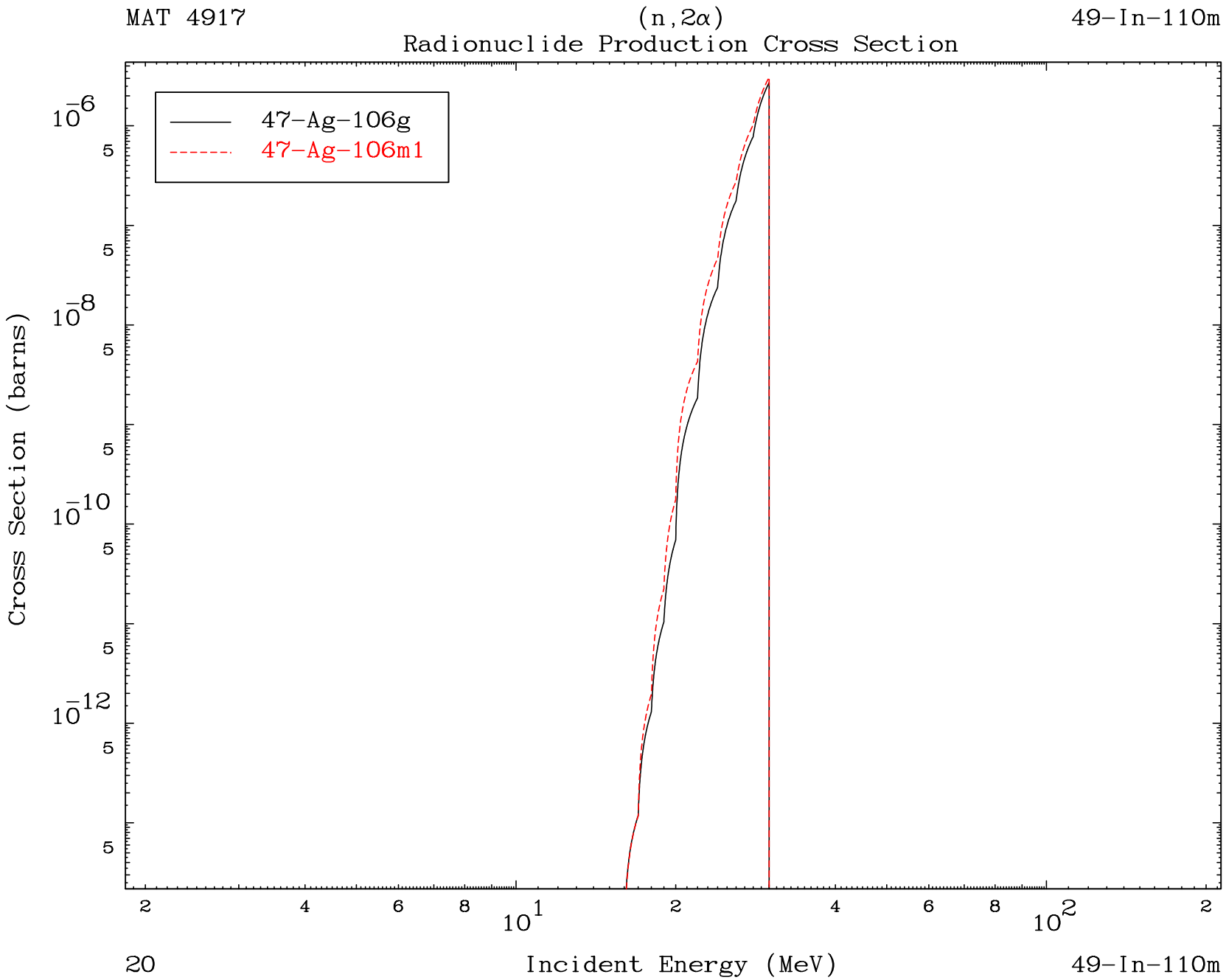

MAT 4917
(n,n') He-3
49-In-110m
Radionuclide Production Cross Section
49-In-110g
49-In-110m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
49-In-110m

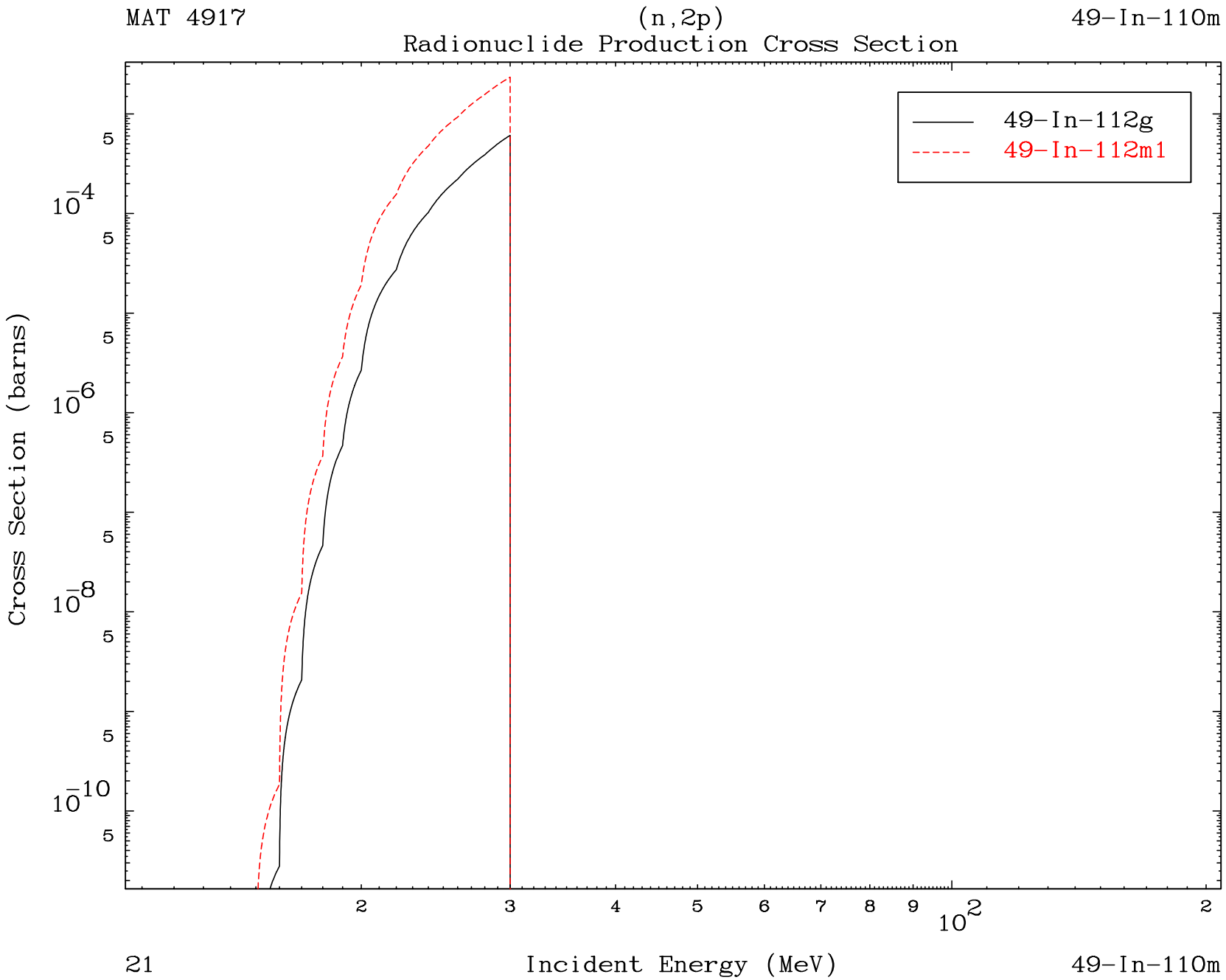

MAT 4917
(n,2n) p
49-In-110m
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
16
49-In-110m

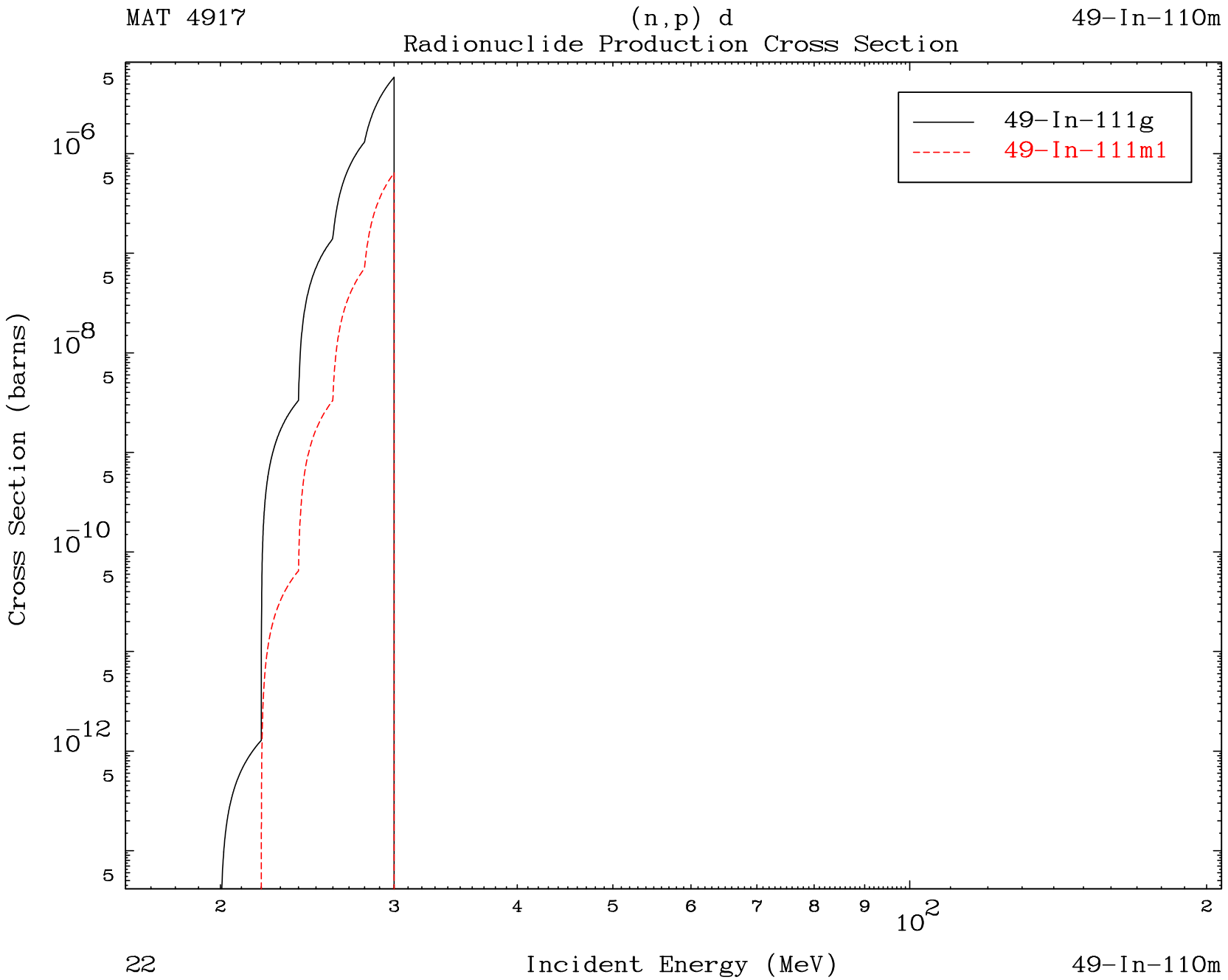

MAT 4917
(n,p)
49-In-110m
Radionuclide Production Cross Section
50-Sn-113g
50-Sn-113m1
Cross Section (barns)
Incident Energy (MeV)
17
49-In-110m

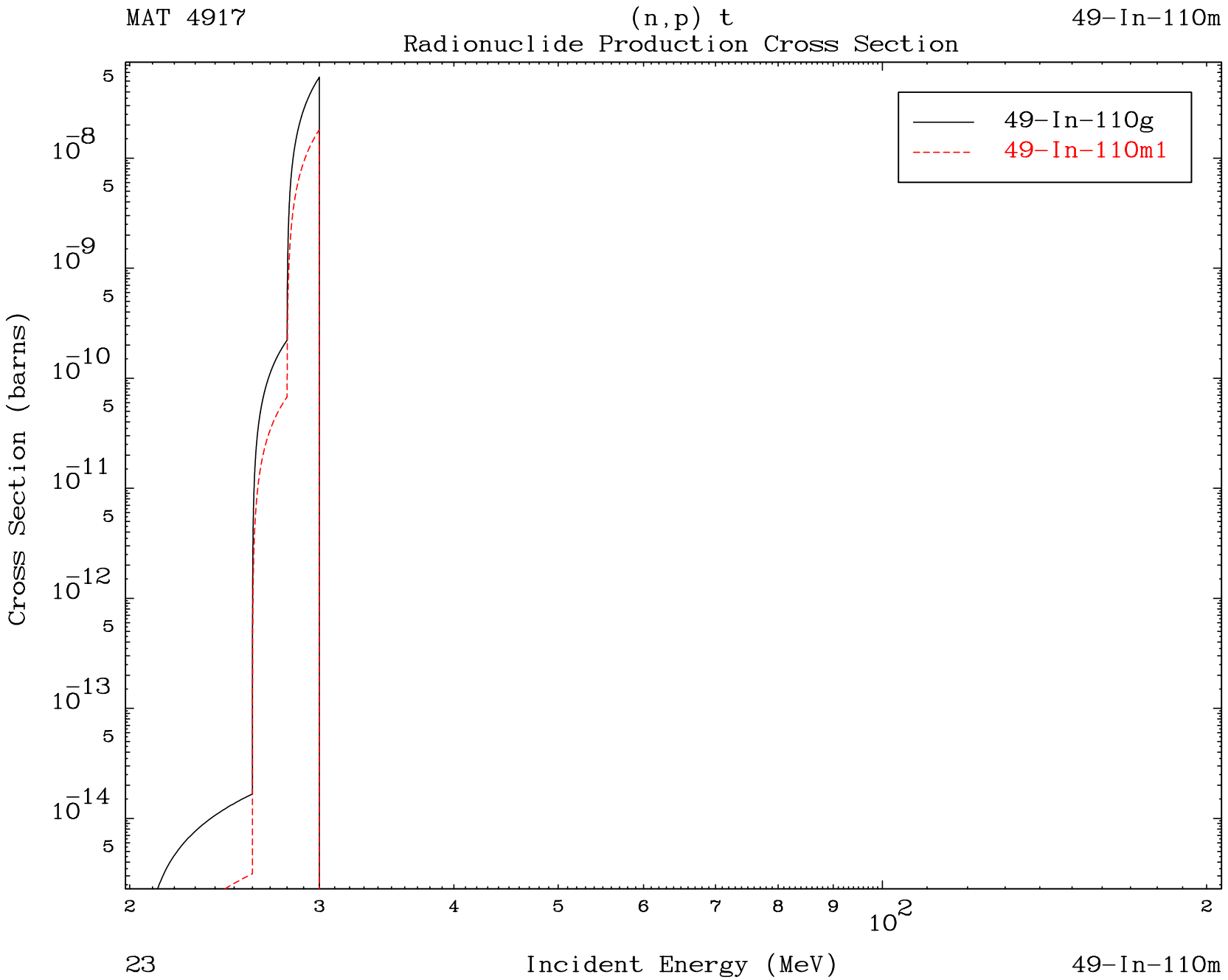

MAT 4917
(n,He-3)
49-In-110m
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
49-In-110m


MAT 4917
(n,α)
49-In-110m
Radionuclide Production Cross Section
49-In-110g
49-In-110m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
19
49-In-110m


MAT 4917
(n,2α)
49-In-110m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
10^1
10^2
20
Incident Energy (MeV)
49-In-110m


MAT 4917
(n,2p)
49-In-110m
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
49-In-110m


MAT 4917
(n,p) d
49-In-110m
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
49-In-110m


MAT 4917
(n,p) t
49-In-110m
Radionuclide Production Cross Section
49-In-110g
49-In-110m1
Cross Section (barns)
Incident Energy (MeV)
23
49-In-110m