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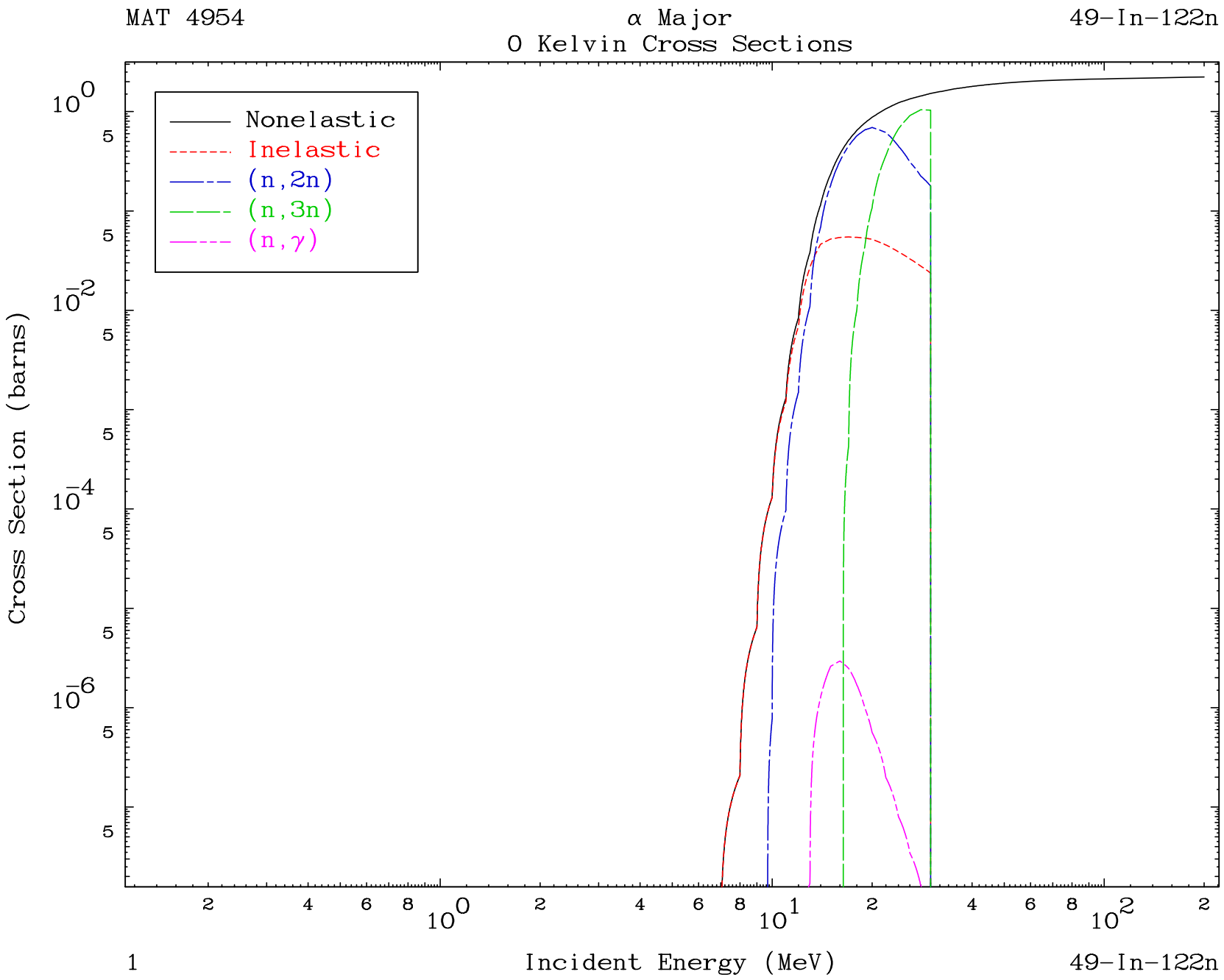
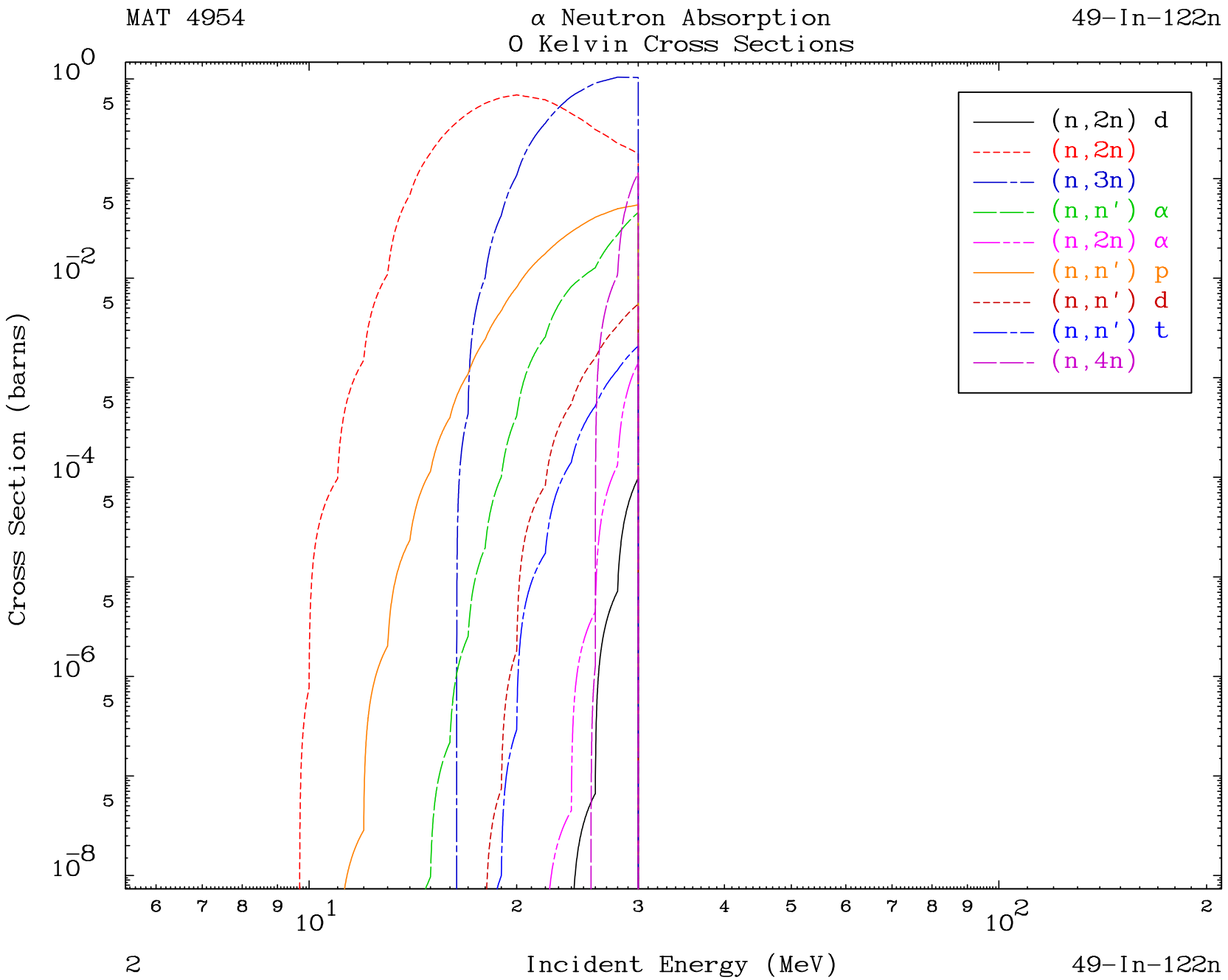
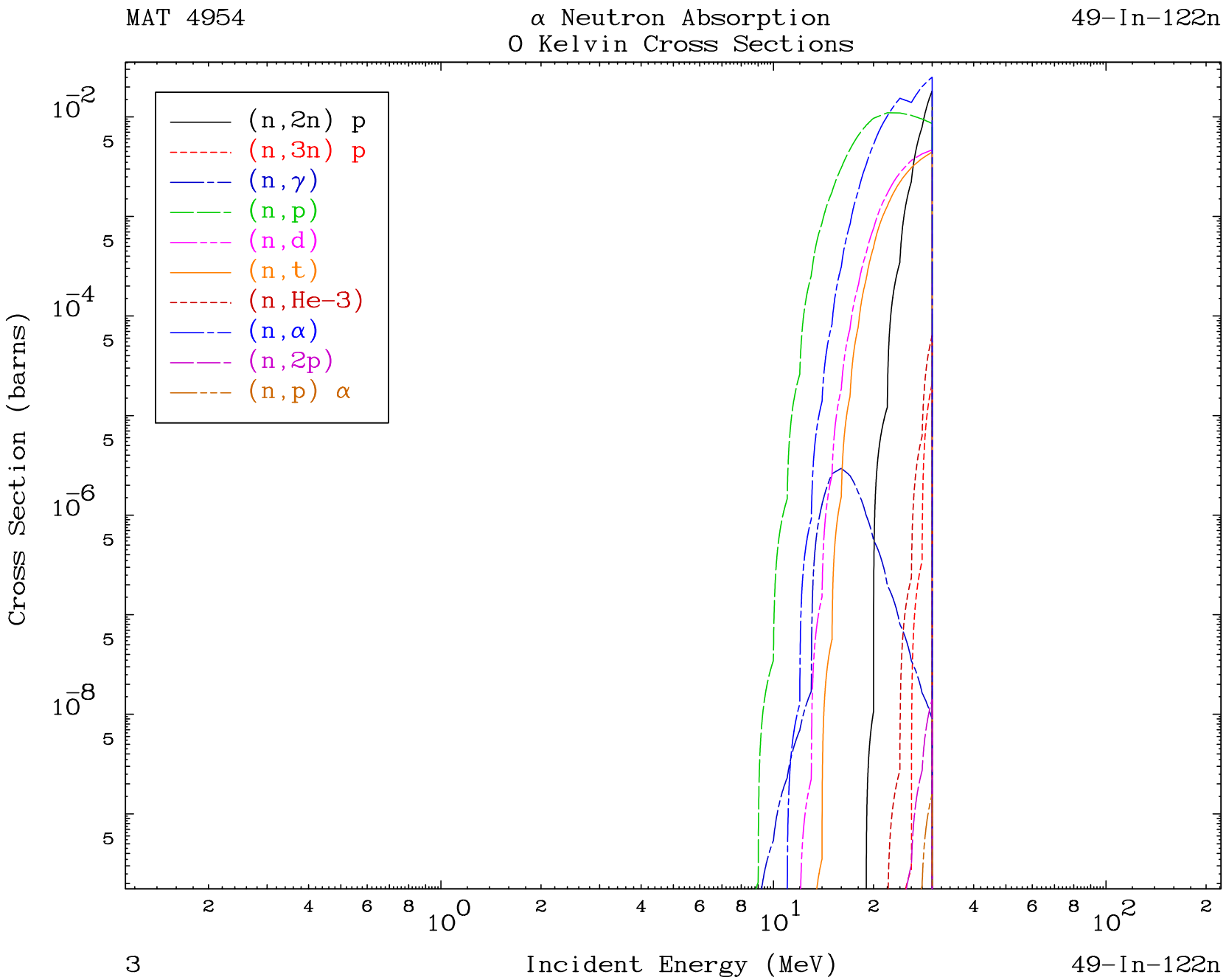
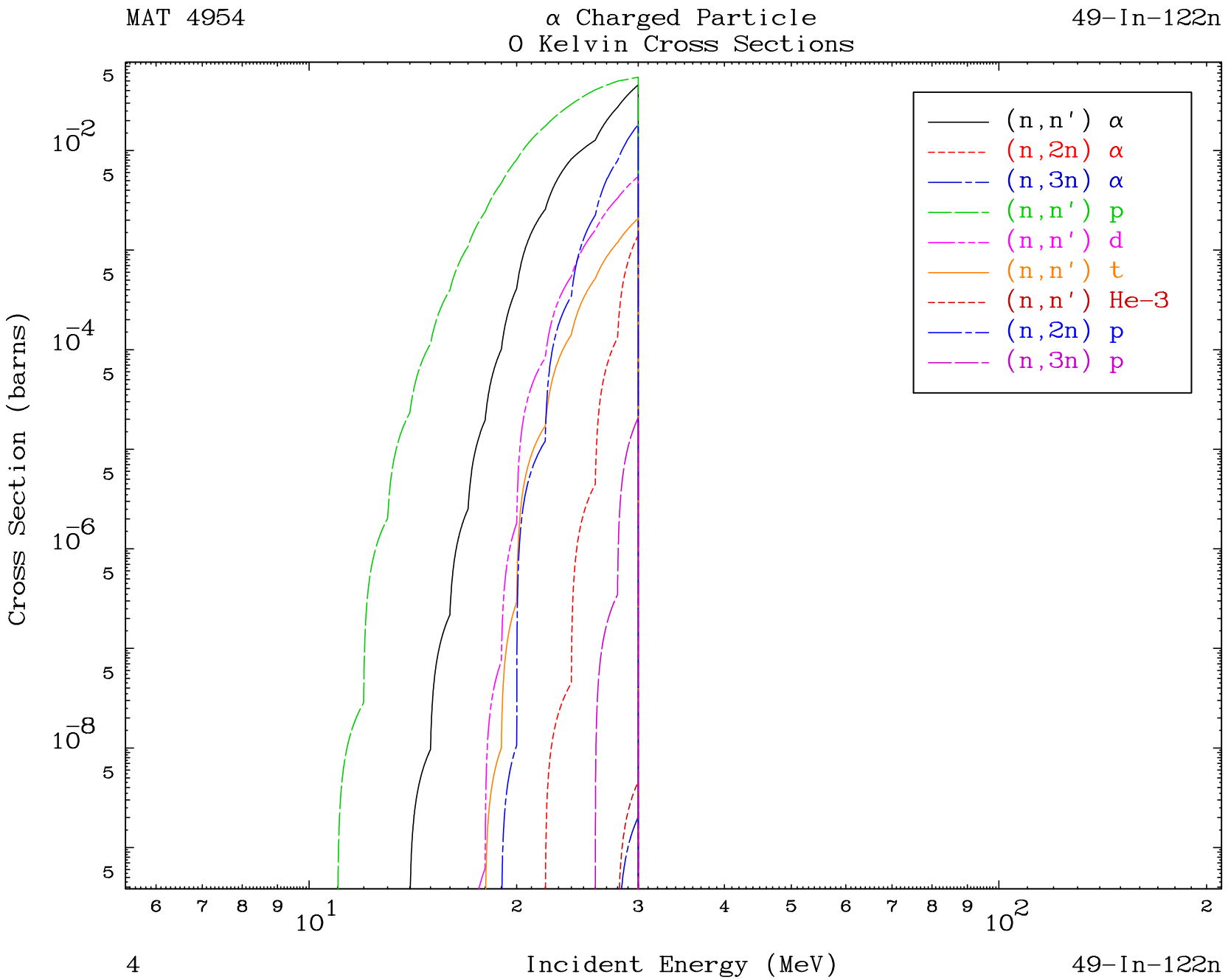
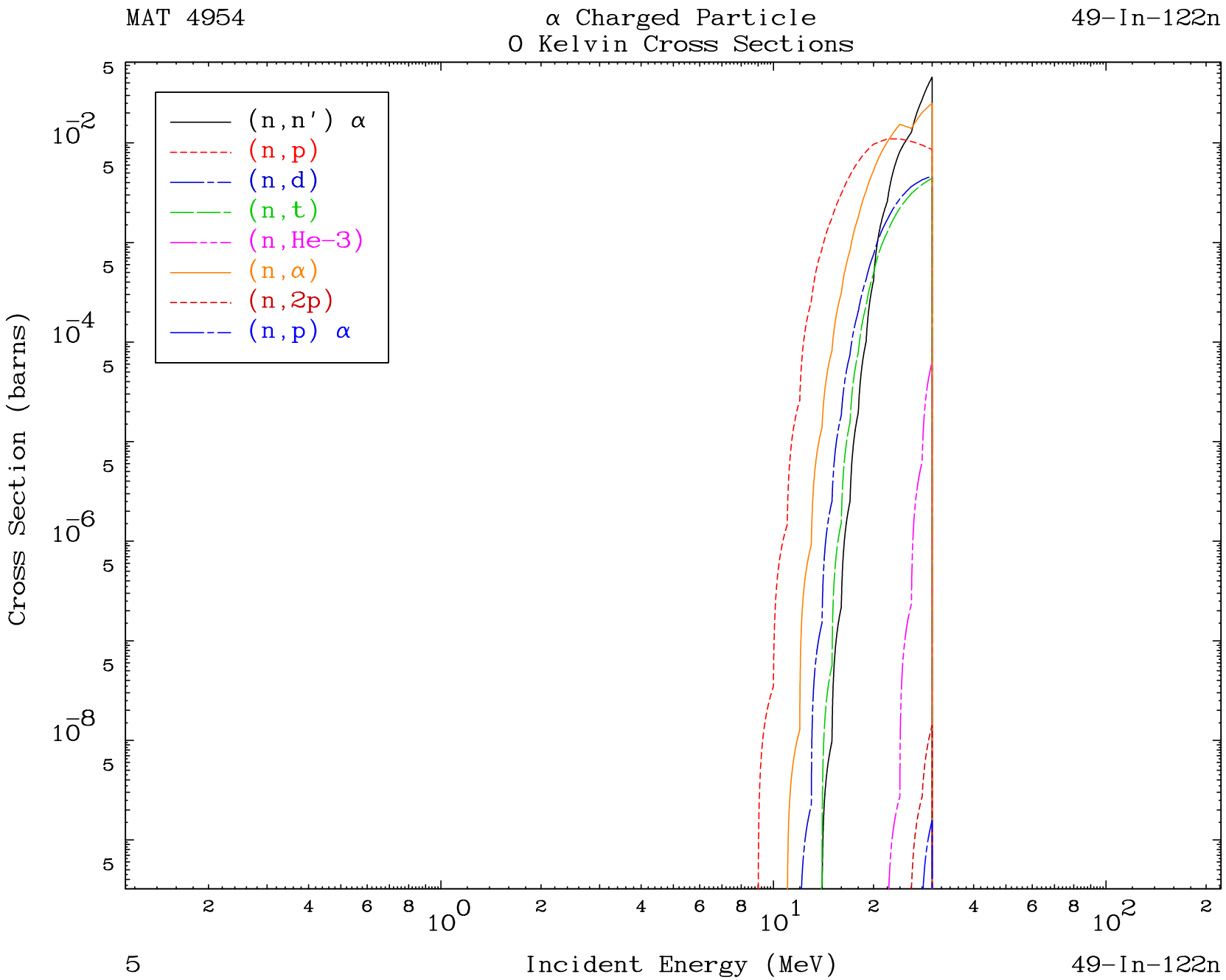
Press Mouse Button to Start

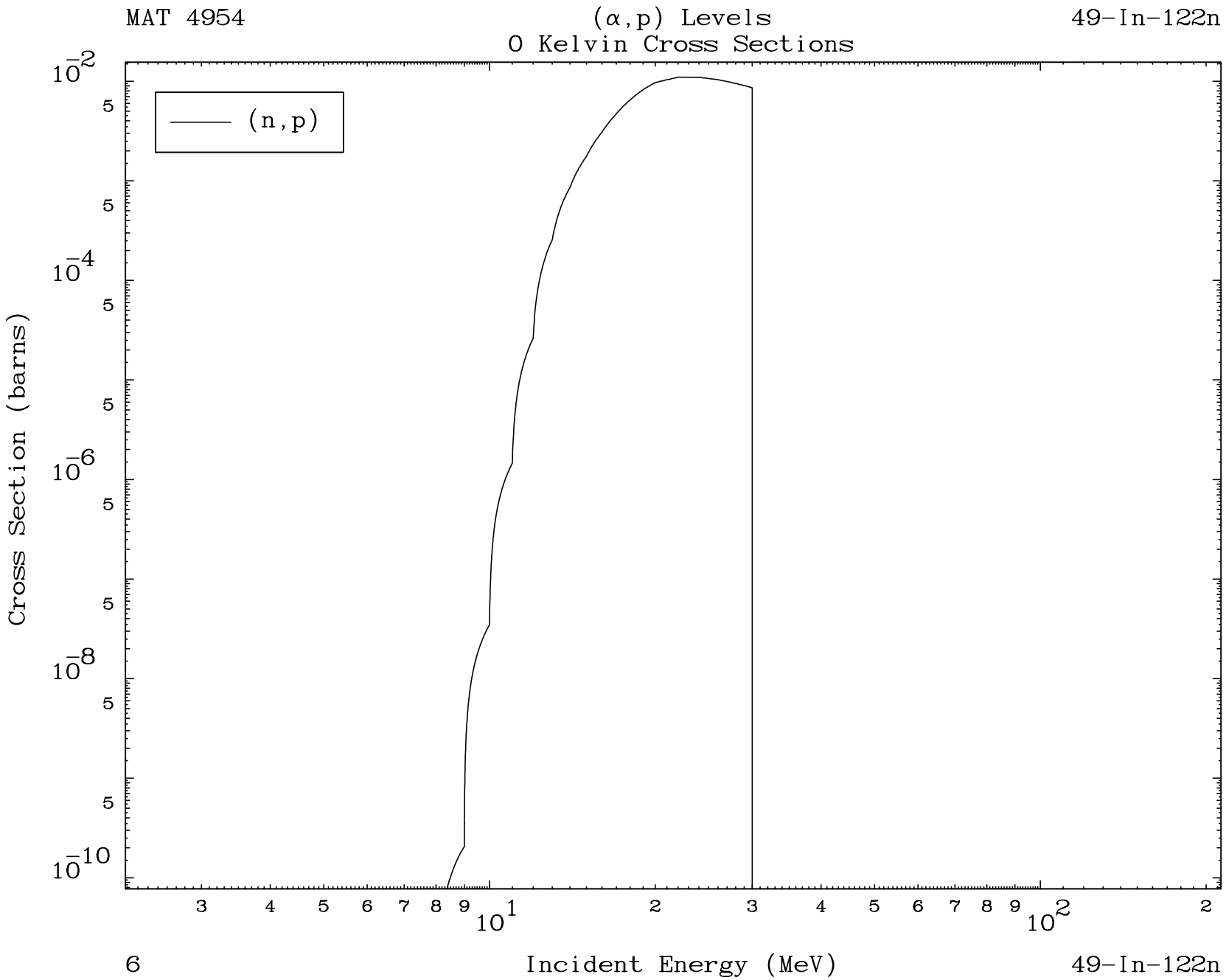

MAT 4954
α Major
49-In-122n
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-122n
1

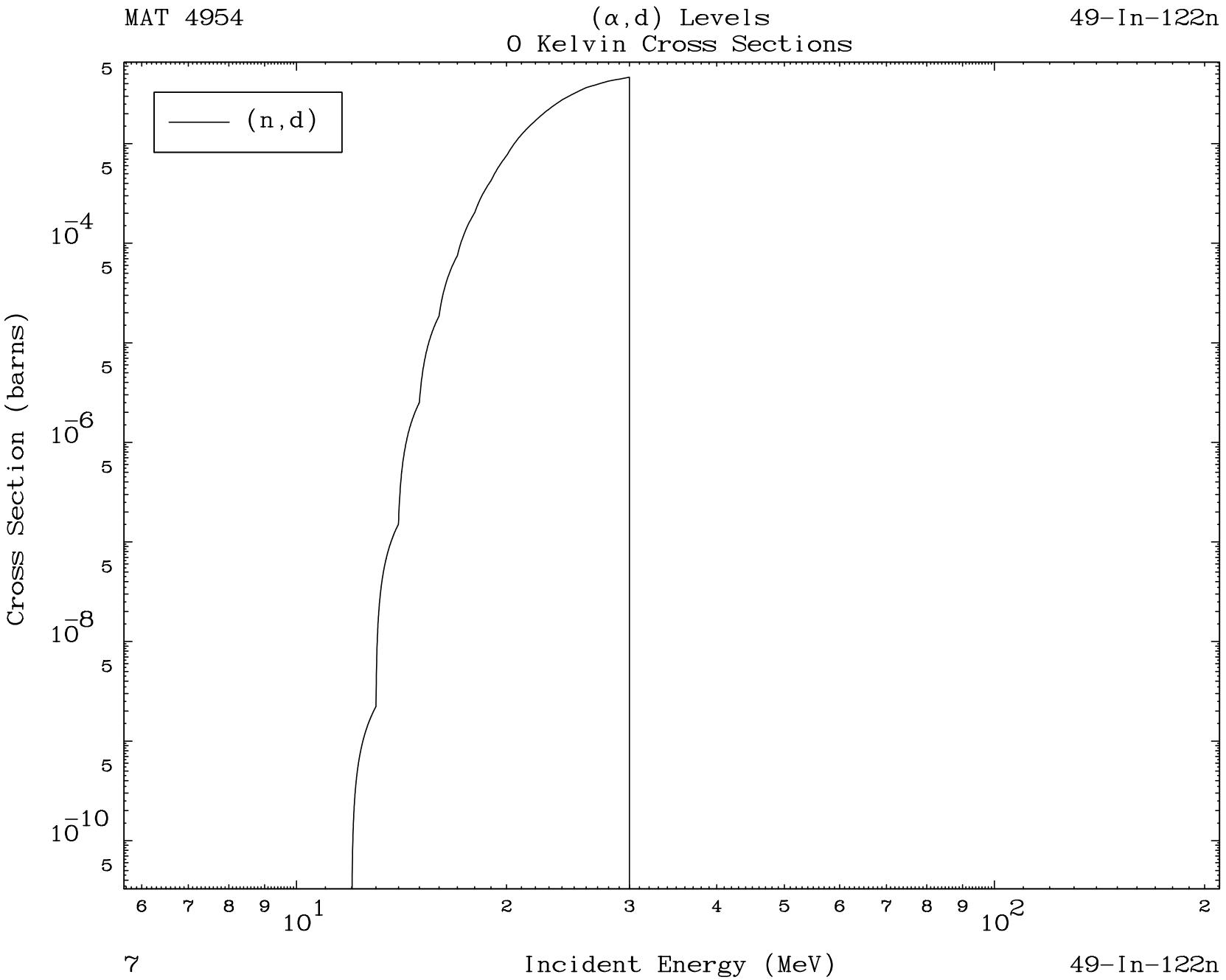

MAT 4954
α Neutron Absorption
0 Kelvin Cross Sections
49-In-122n
Cross Section (barns)
Incident Energy (MeV)
49-In-122n
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,4n)

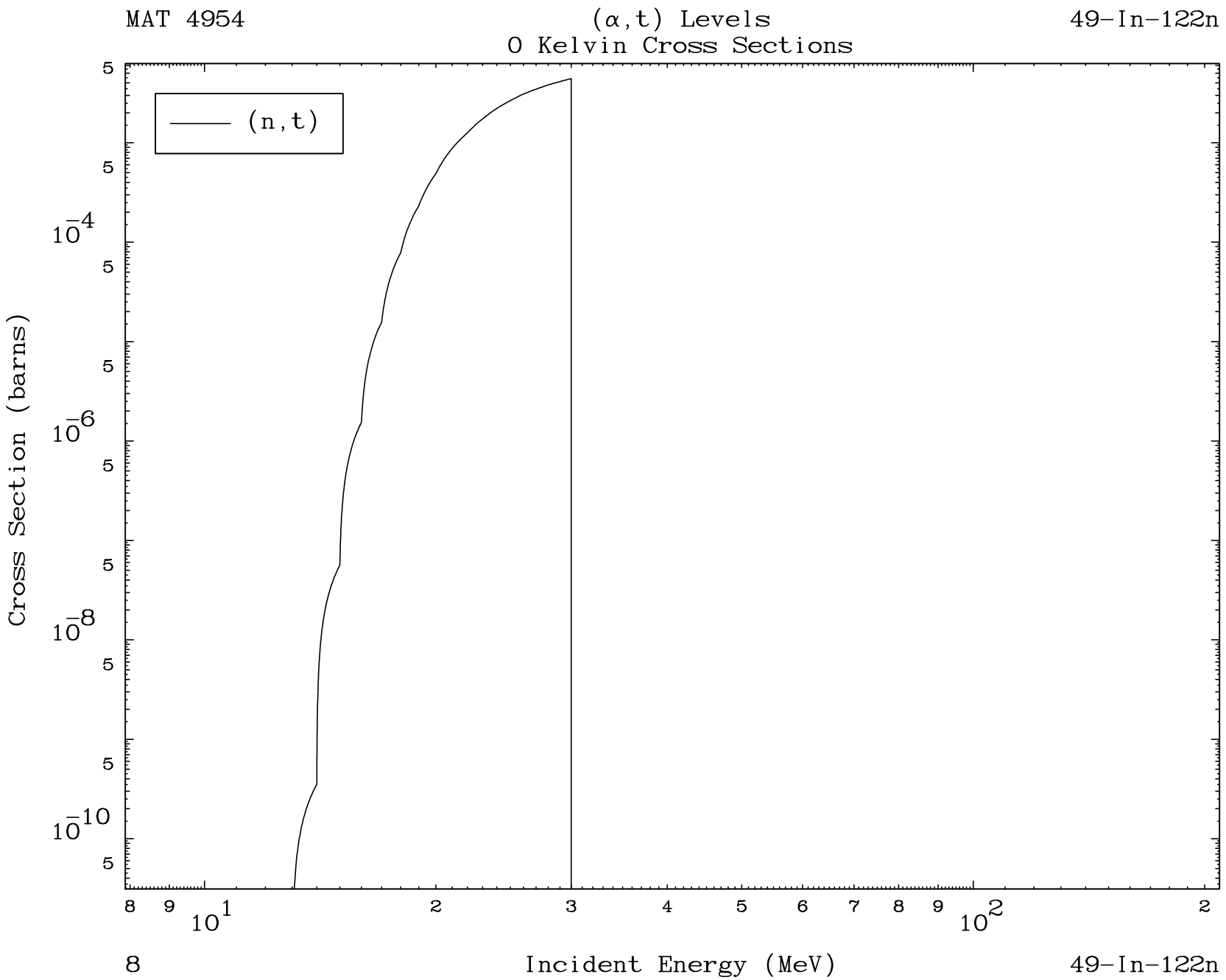

MAT 4954
α Neutron Absorption
0 Kelvin Cross Sections
49-In-122n
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-122n

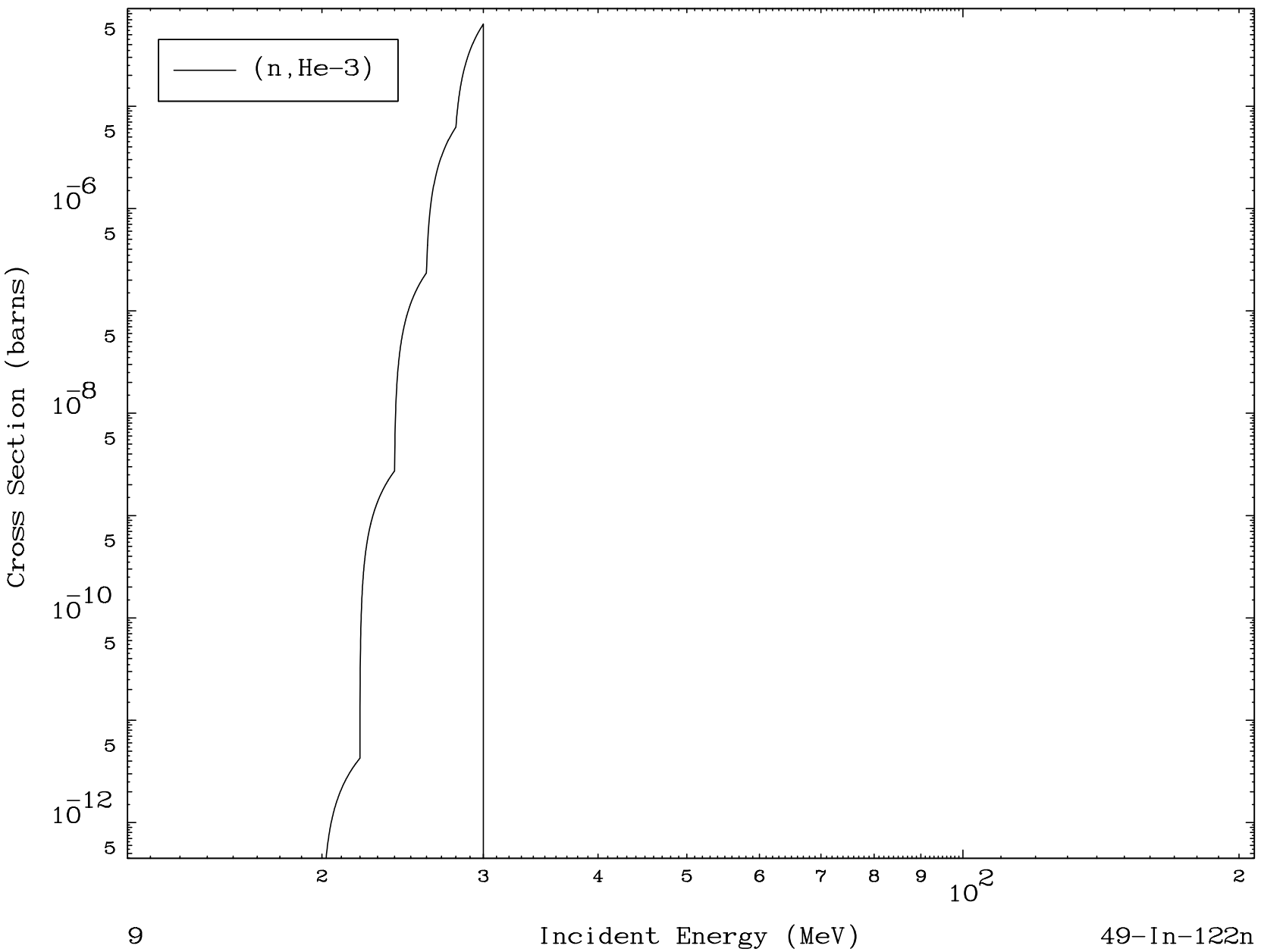

MAT 4954
α Charged Particle
0 Kelvin Cross Sections
49-In-122n
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
4
49-In-122n

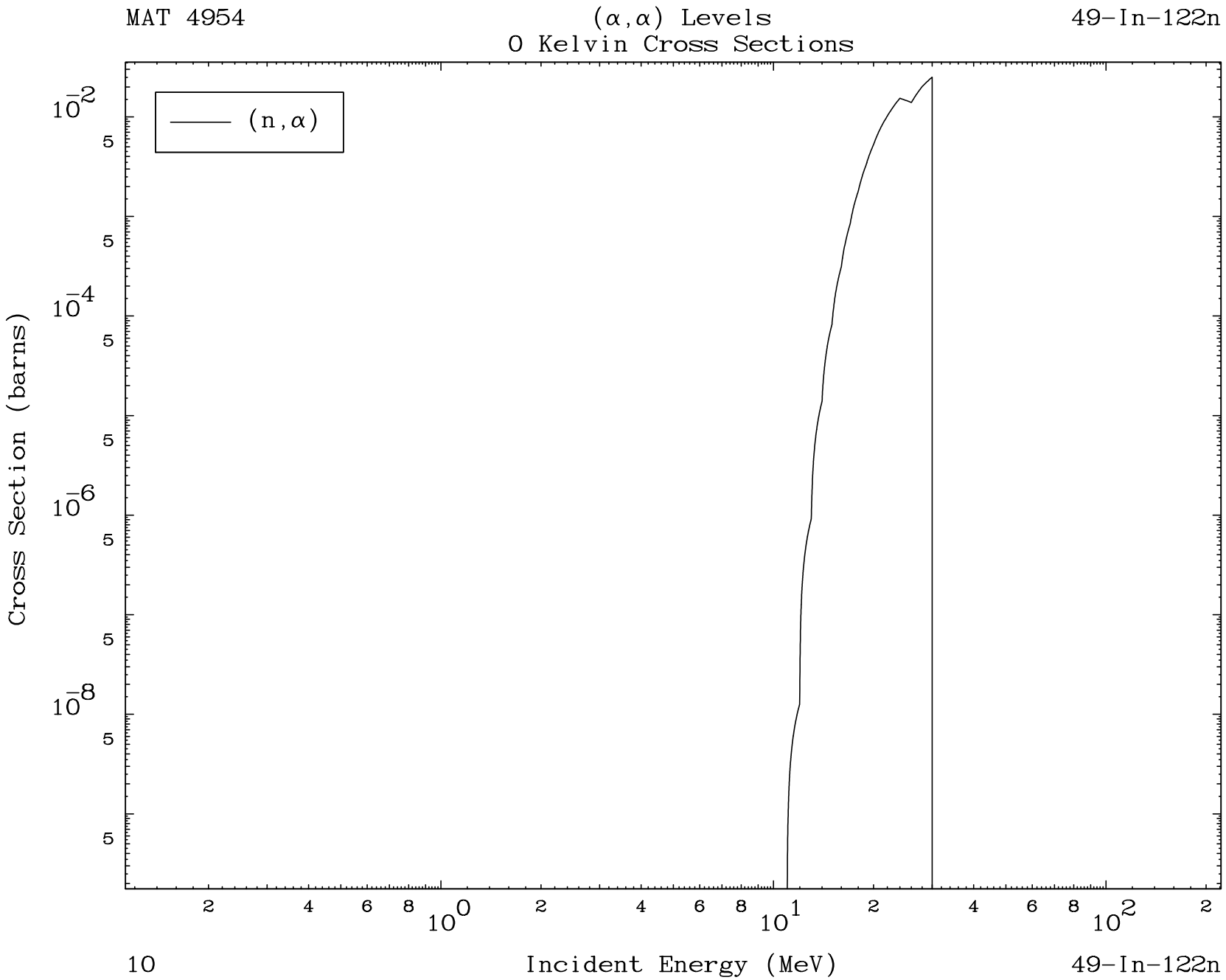

MAT 4954
α Charged Particle
0 Kelvin Cross Sections
49-In-122n
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
49-In-122n

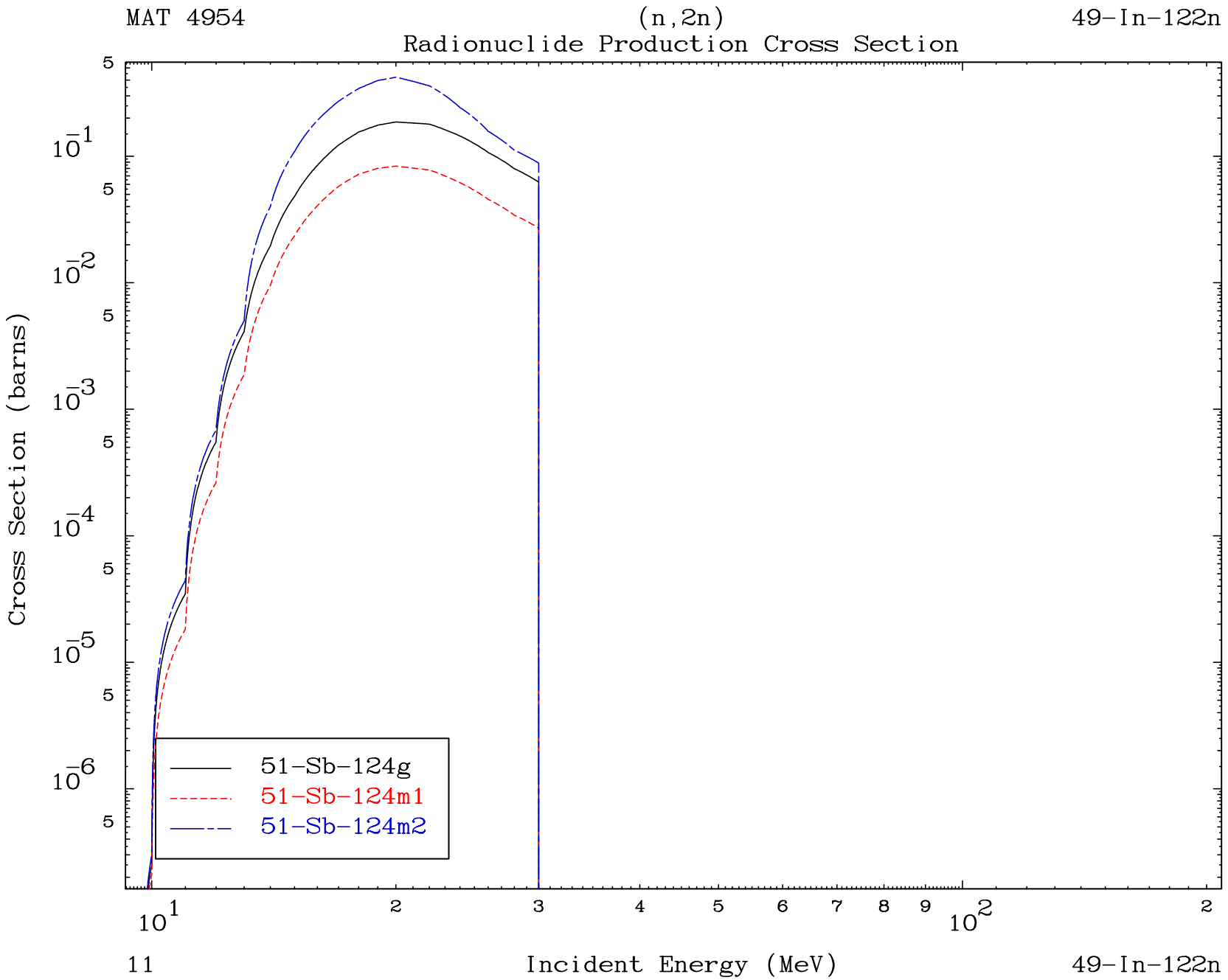

MAT 4954
(α,p) Levels
49-In-122n
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
49-In-122n

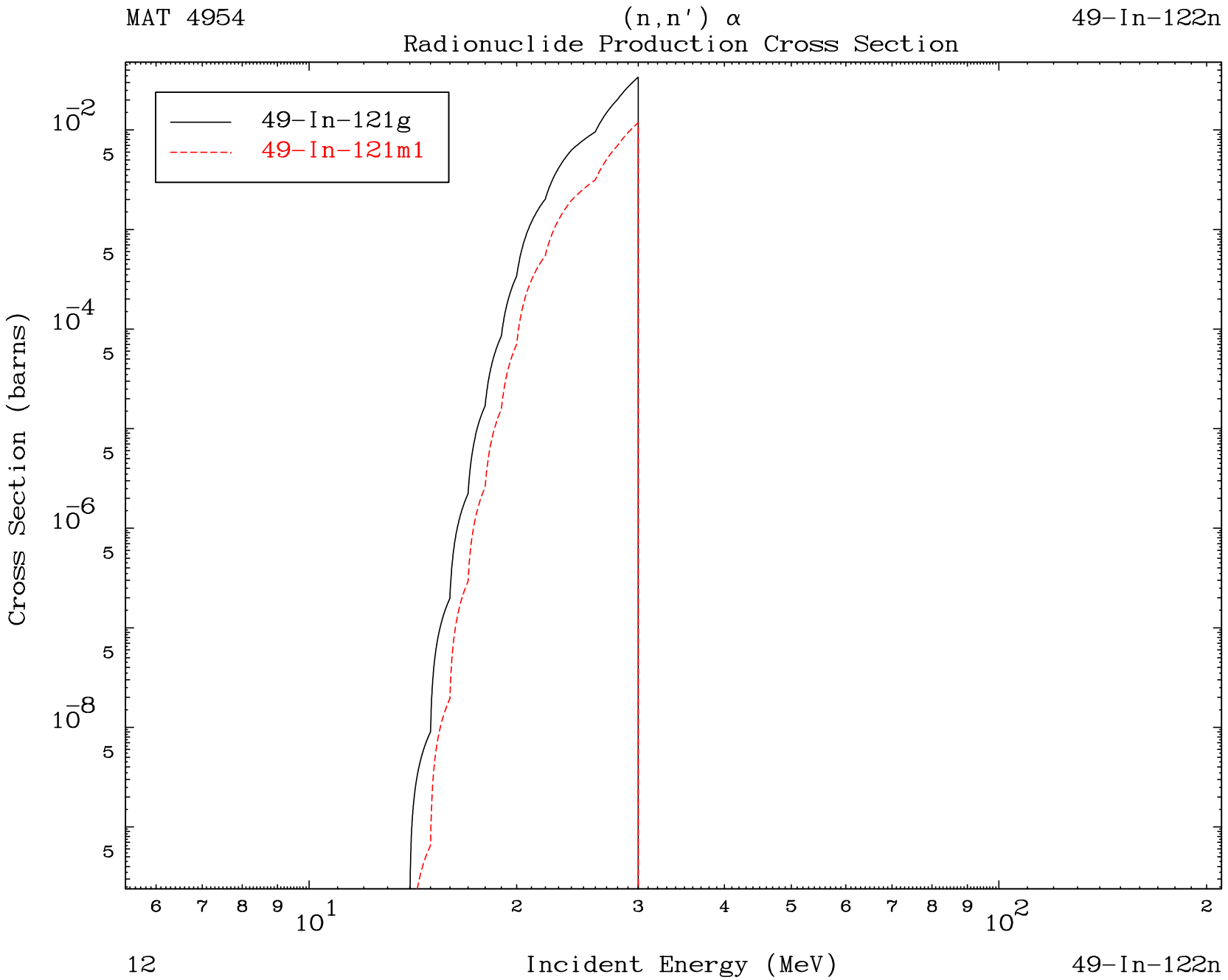

MAT 4954
(α,d) Levels
49-In-122n
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
49-In-122n

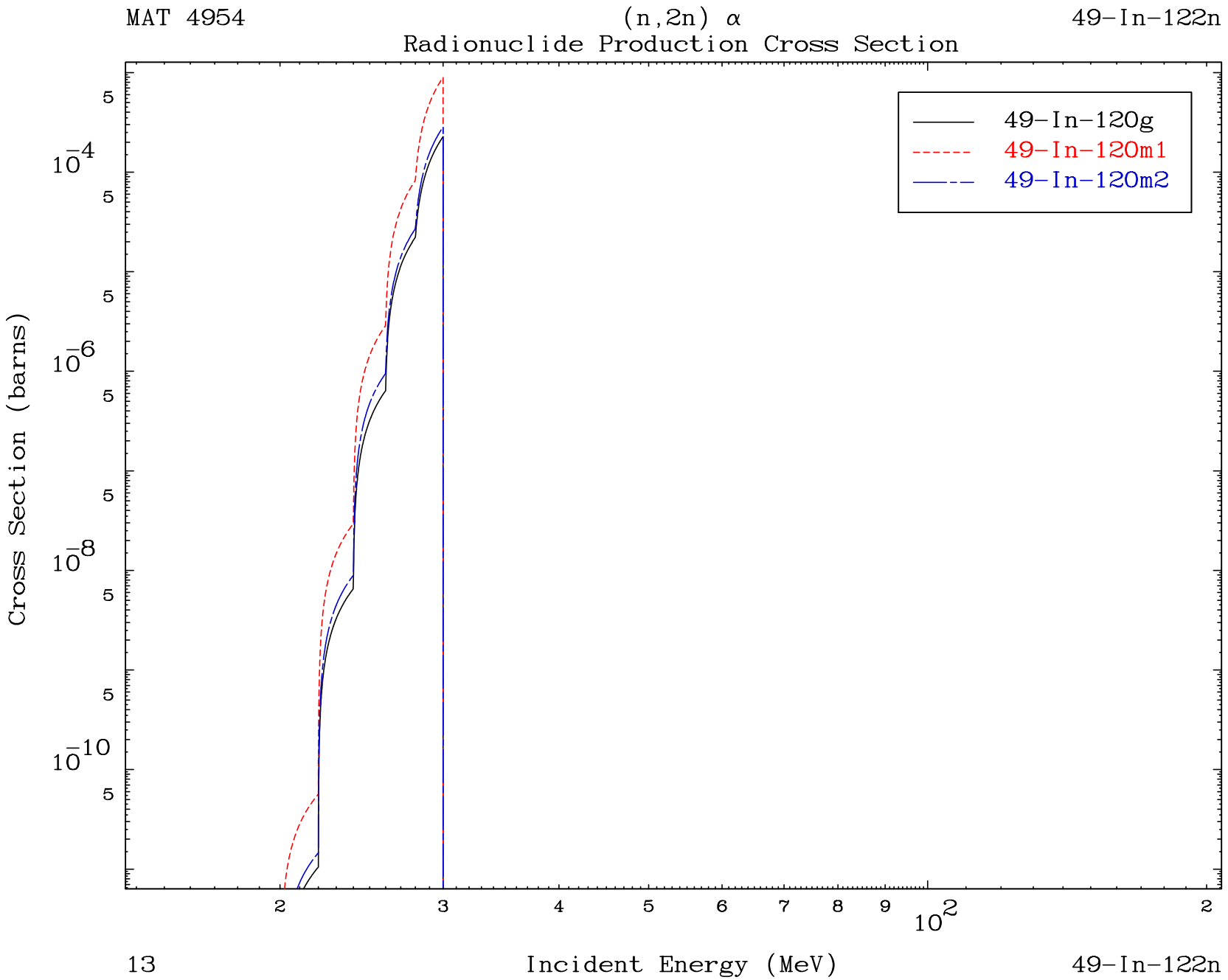

MAT 4954
(α,t) Levels
49-In-122n
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
49-In-122n

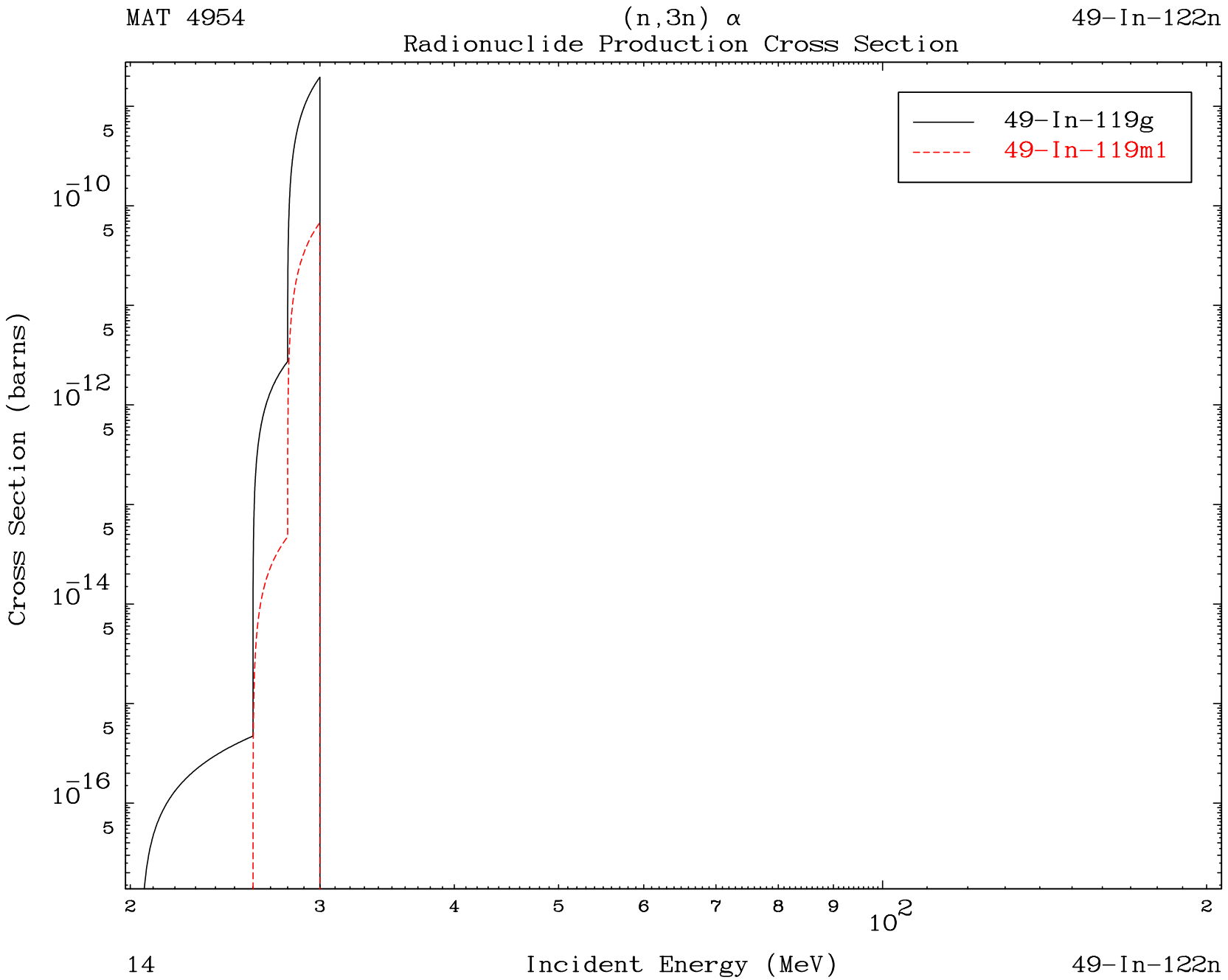

0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

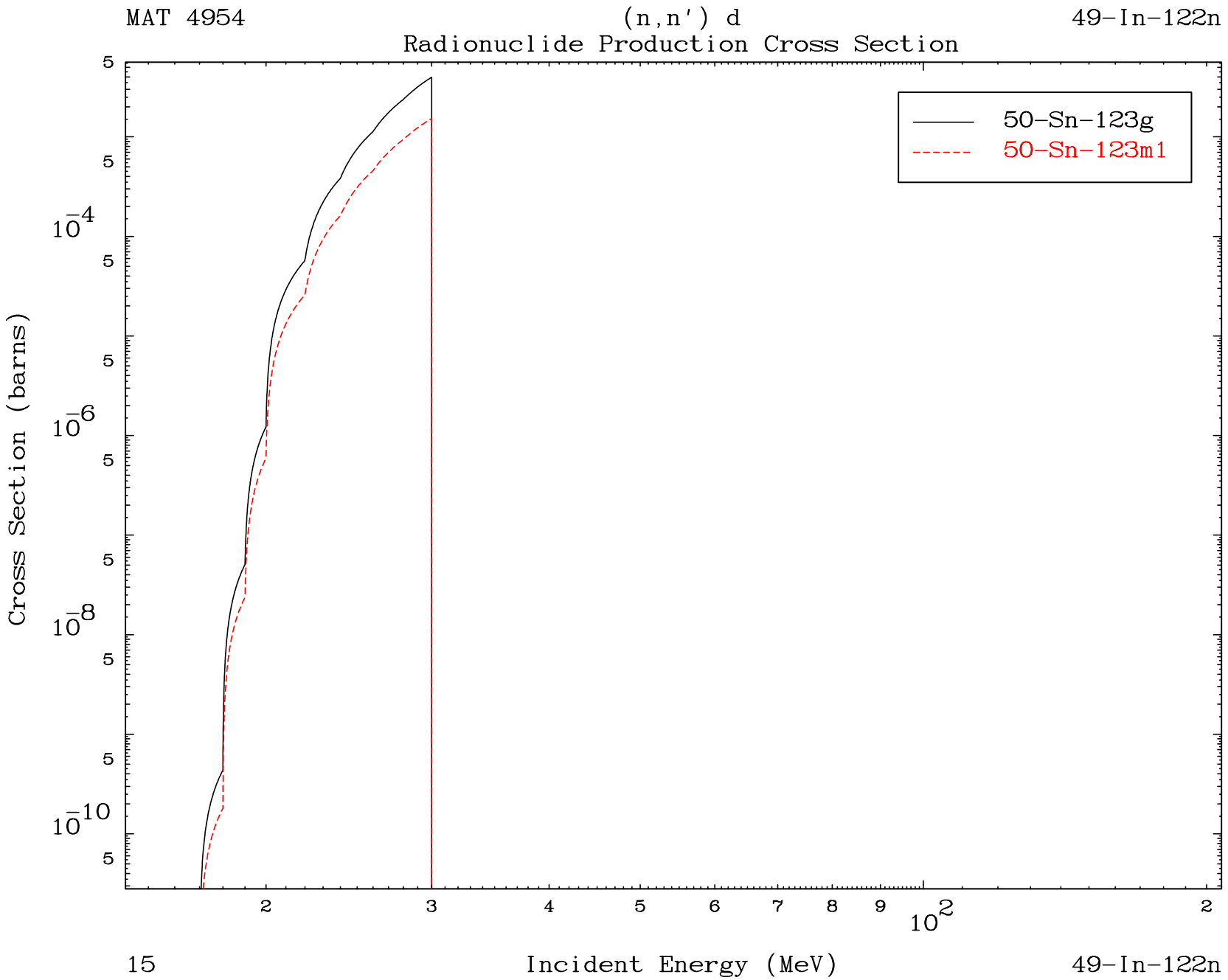

MAT 4954
(α,α) Levels
49-In-122n
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
49-In-122n

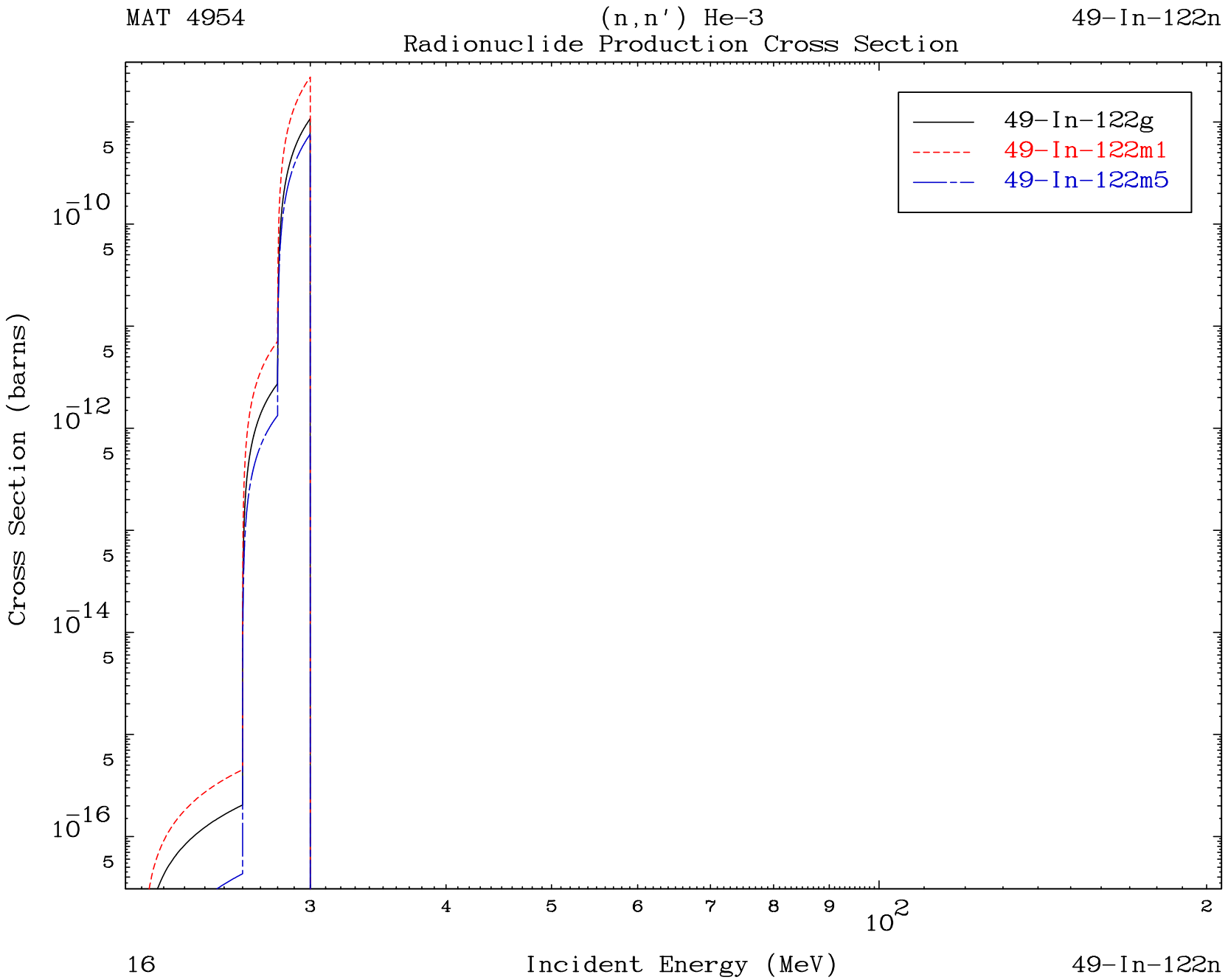

MAT 4954
(n,2n)
49-In-122n
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
11
49-In-122n

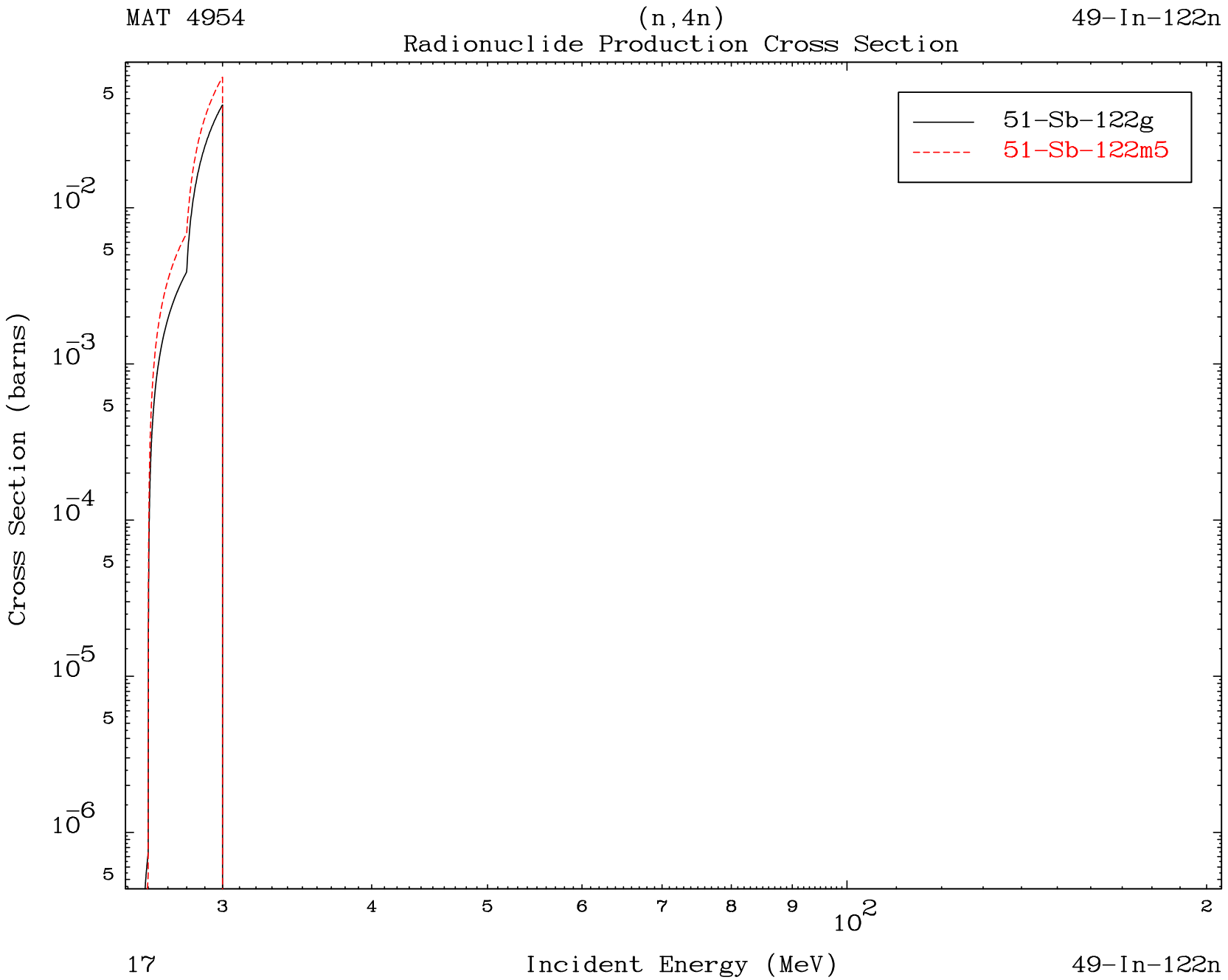

MAT 4954
(n,n') α
49-In-122n
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
12
49-In-122n

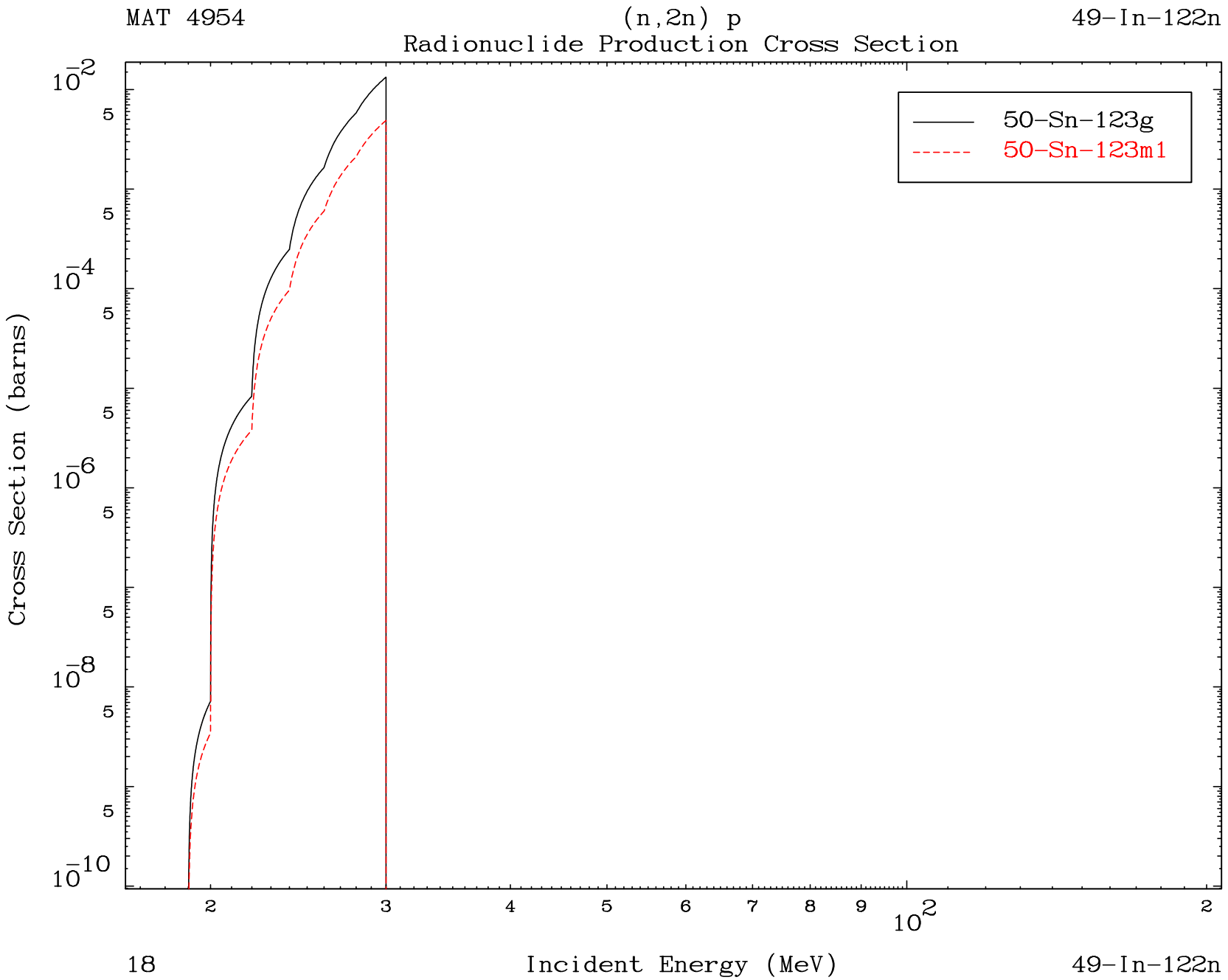

MAT 4954
(n,2n) α
49-In-122n
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
49-In-122n

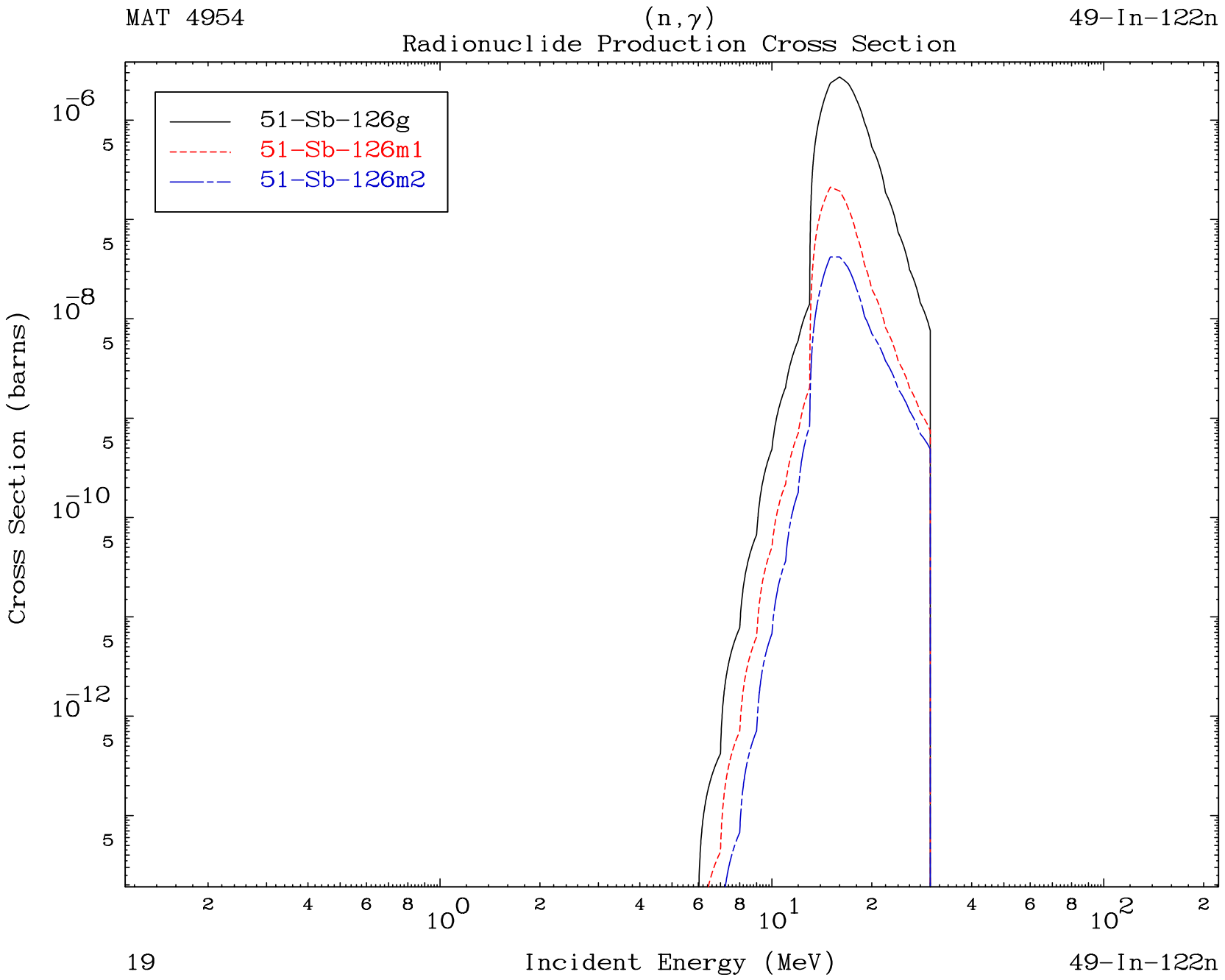

MAT 4954
(n,3n) α
49-In-122n
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10-10
10-12
10-14
10-16
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
49-In-122n

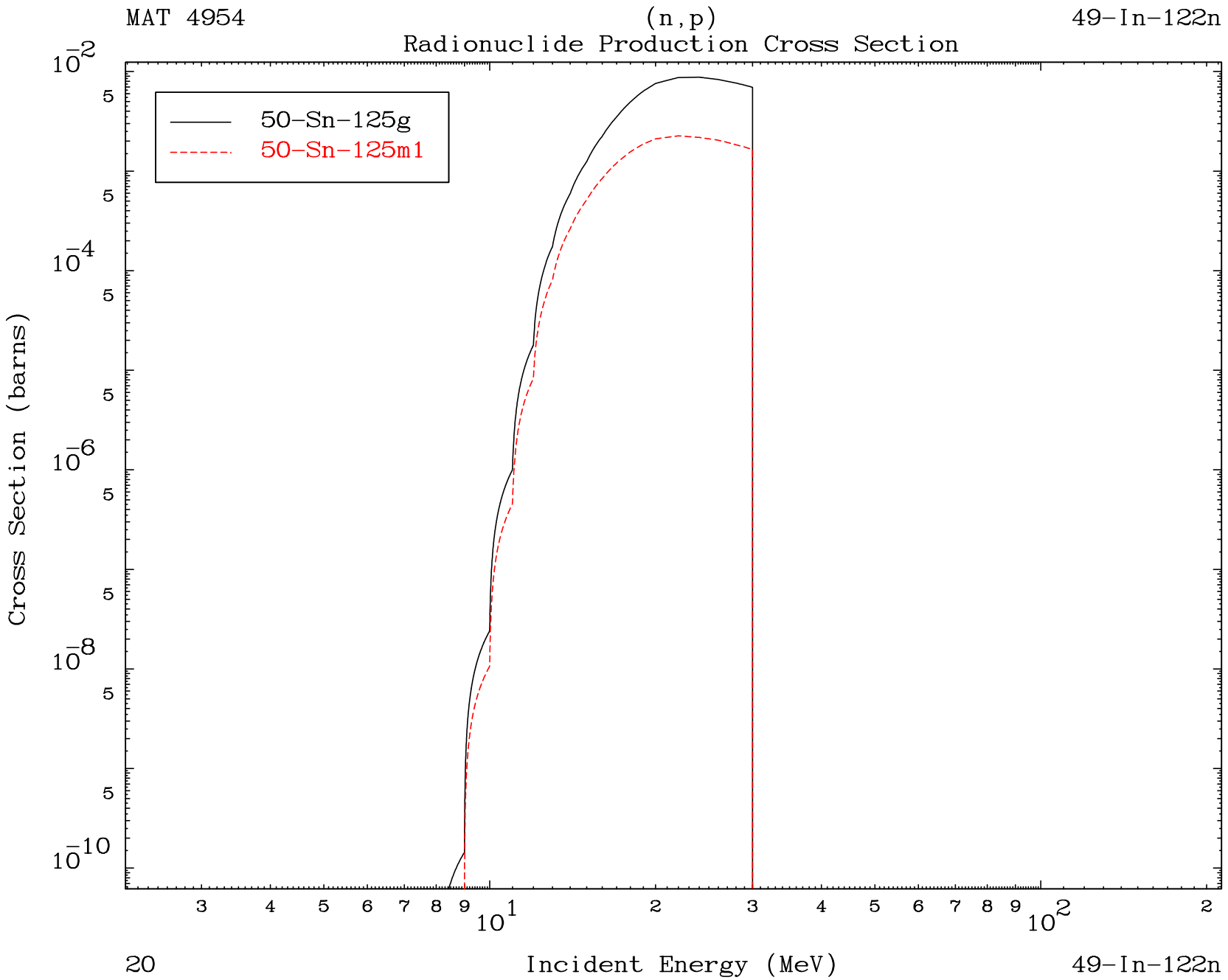

MAT 4954
(n,n') d
49-In-122n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
15
49-In-122n

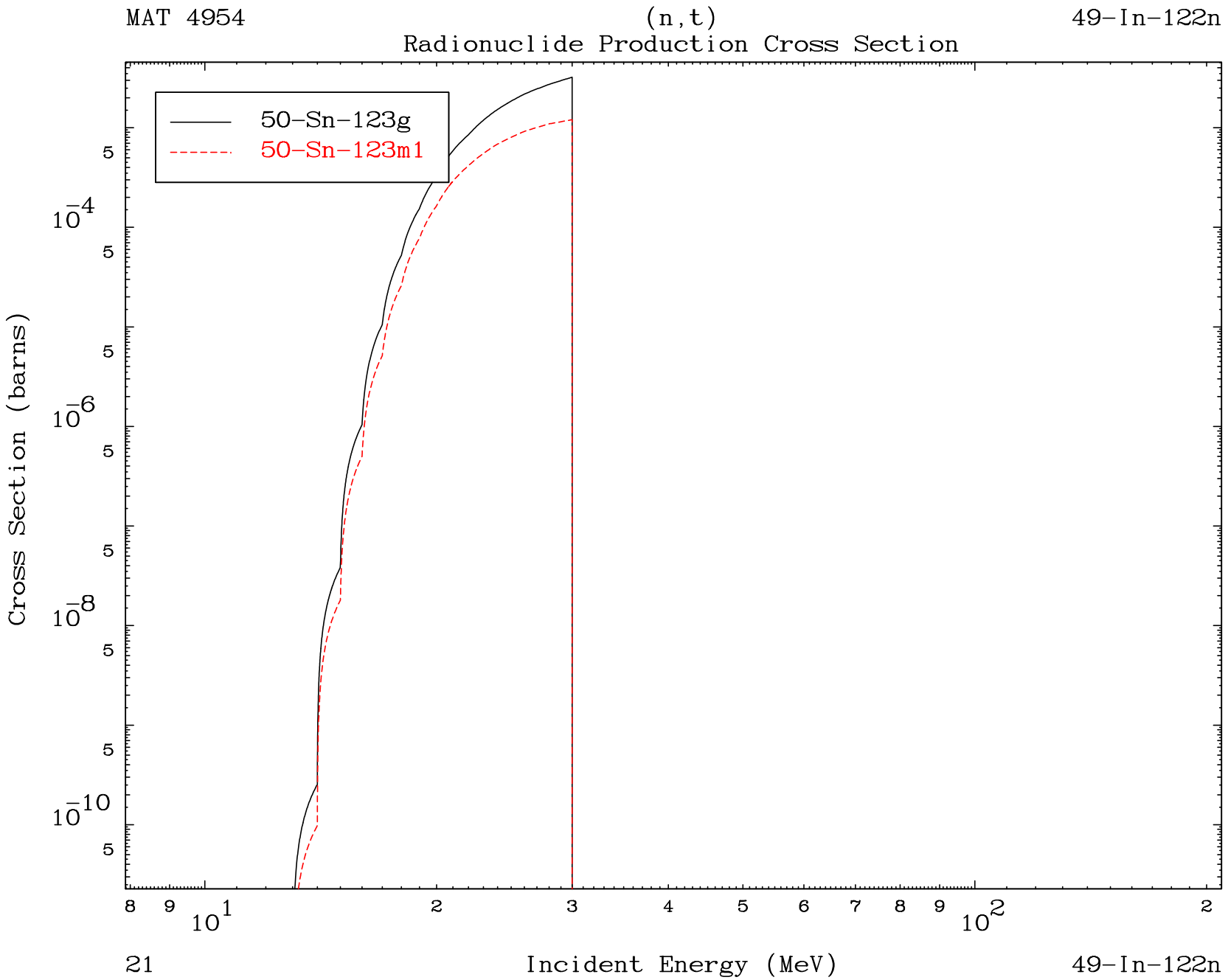

MAT 4954
(n,n') He-3
49-In-122n
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
10-10
10-12
10-14
10-16
5
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
49-In-122n

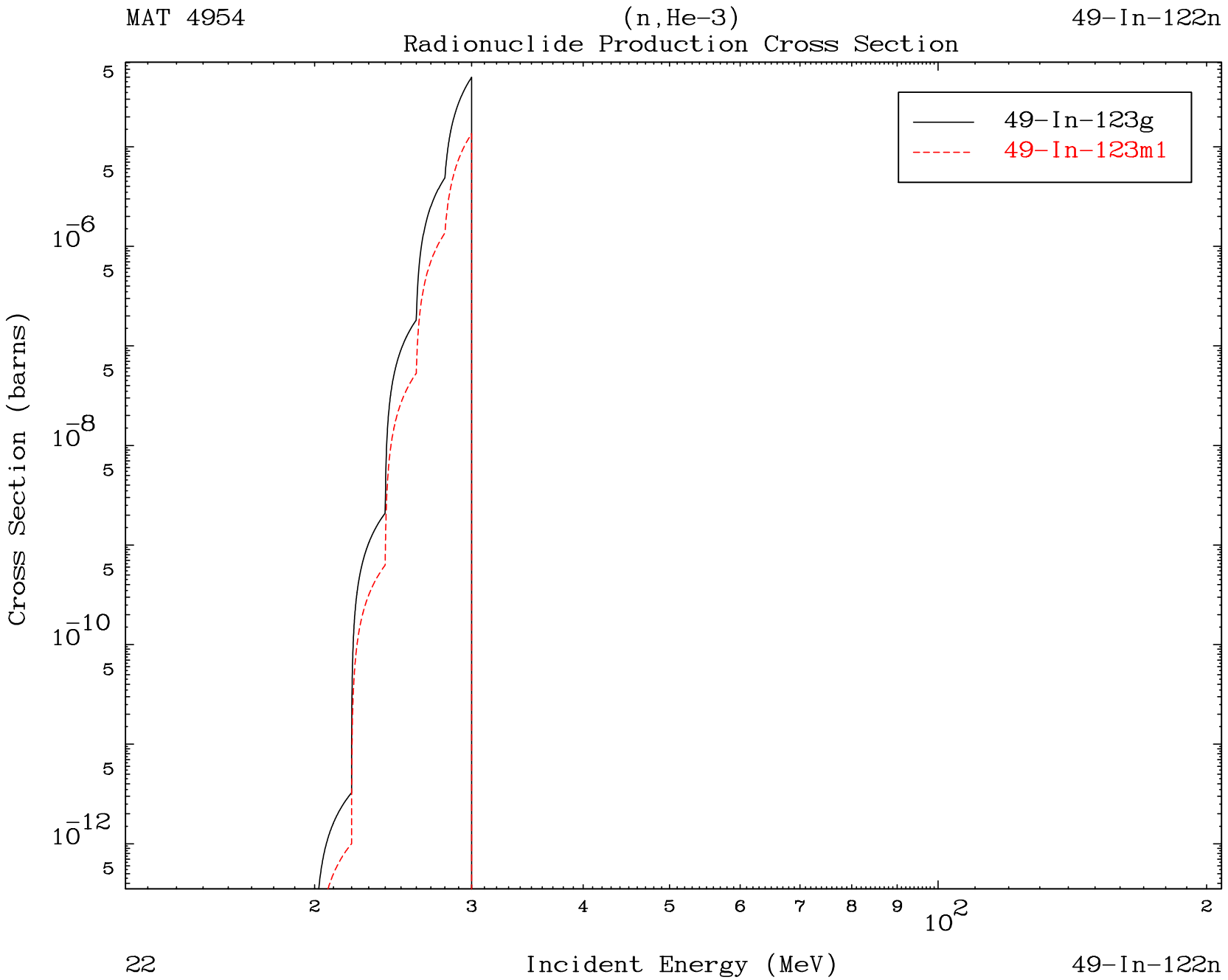

MAT 4954
(n,4n)
49-In-122n
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
17
49-In-122n

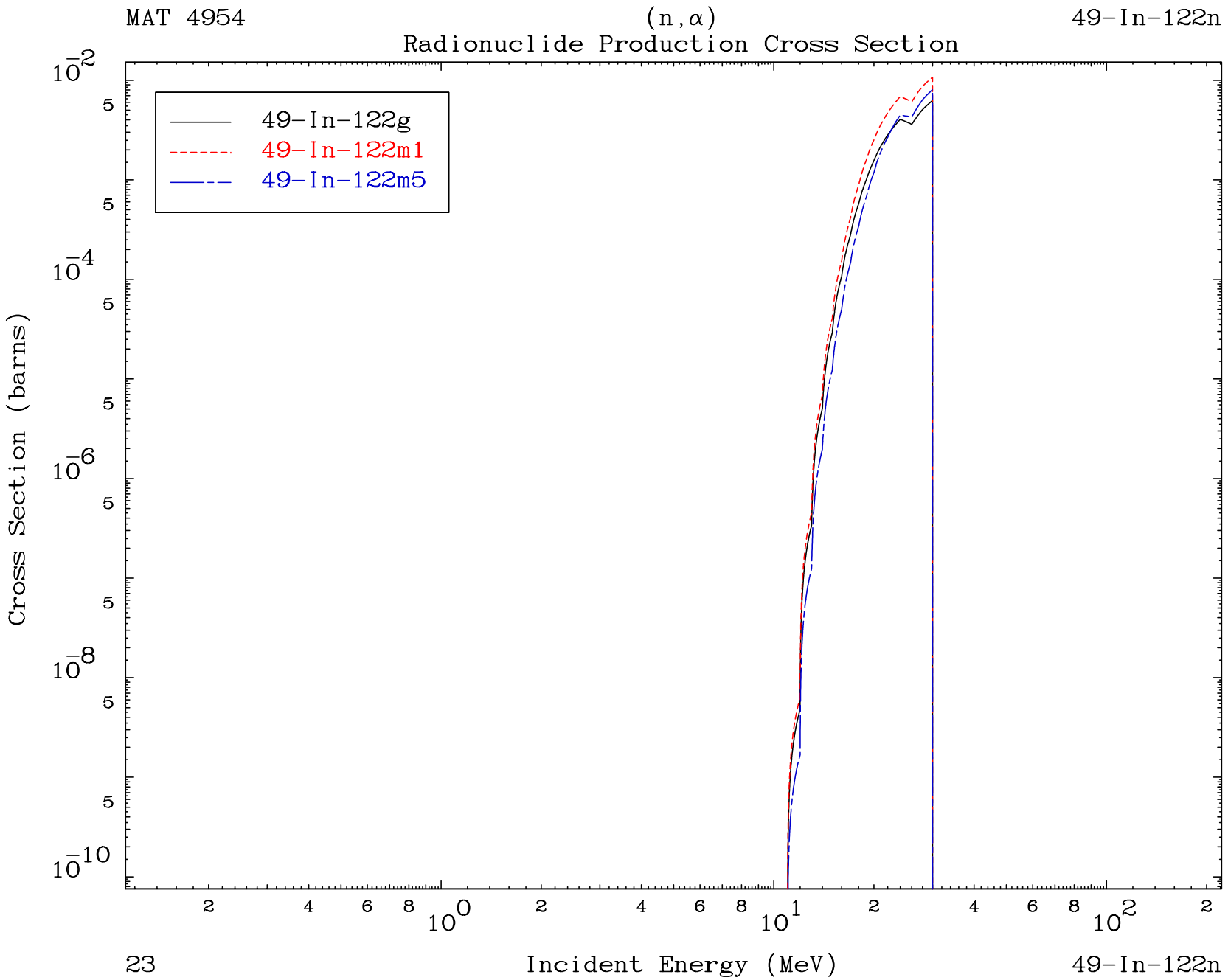

MAT 4954
(n,2n) p
49-In-122n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-122n

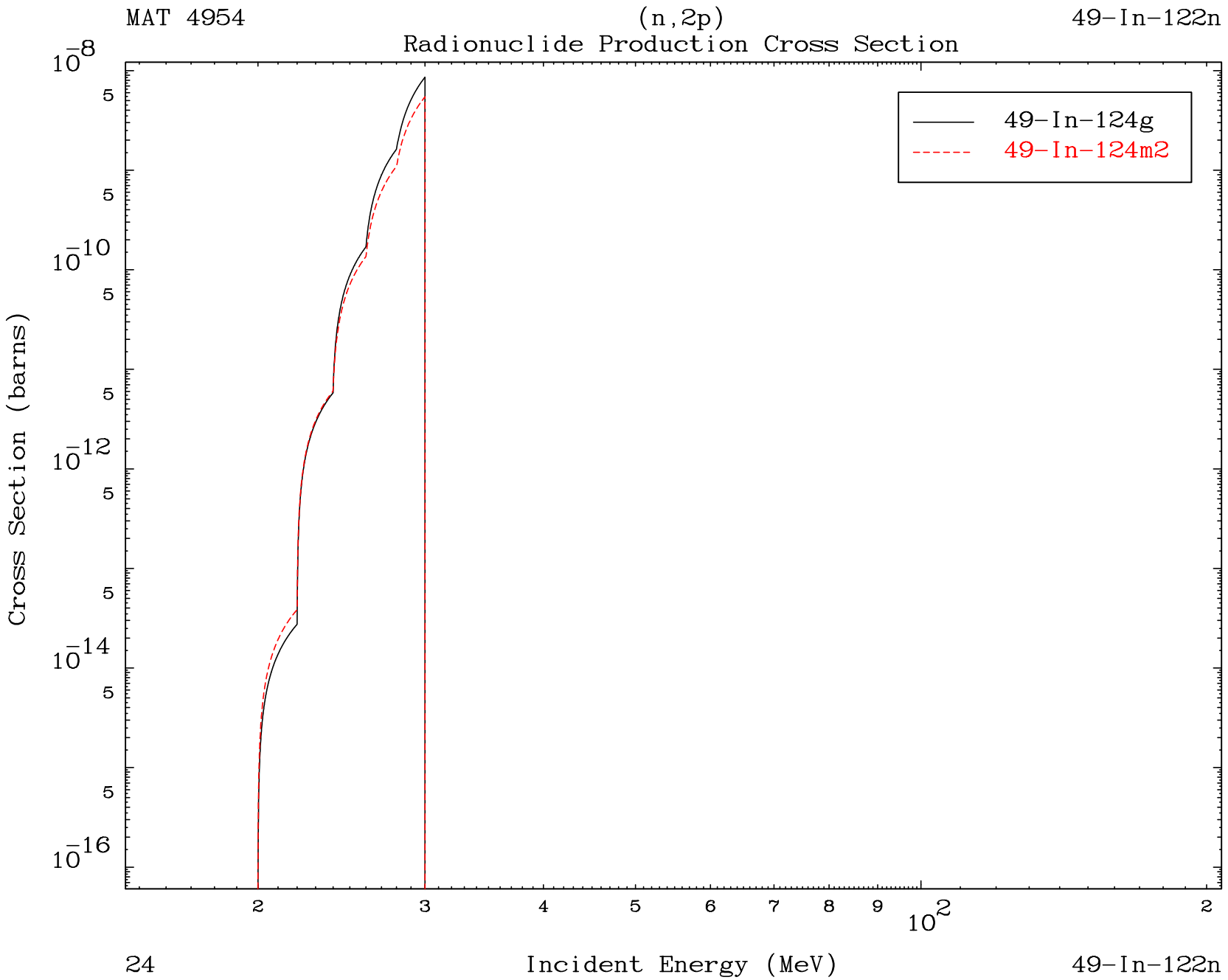

MAT 4954
(n,γ)
49-In-122n
Radionuclide Production Cross Section
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
Cross Section (barns)
Incident Energy (MeV)
19
49-In-122n

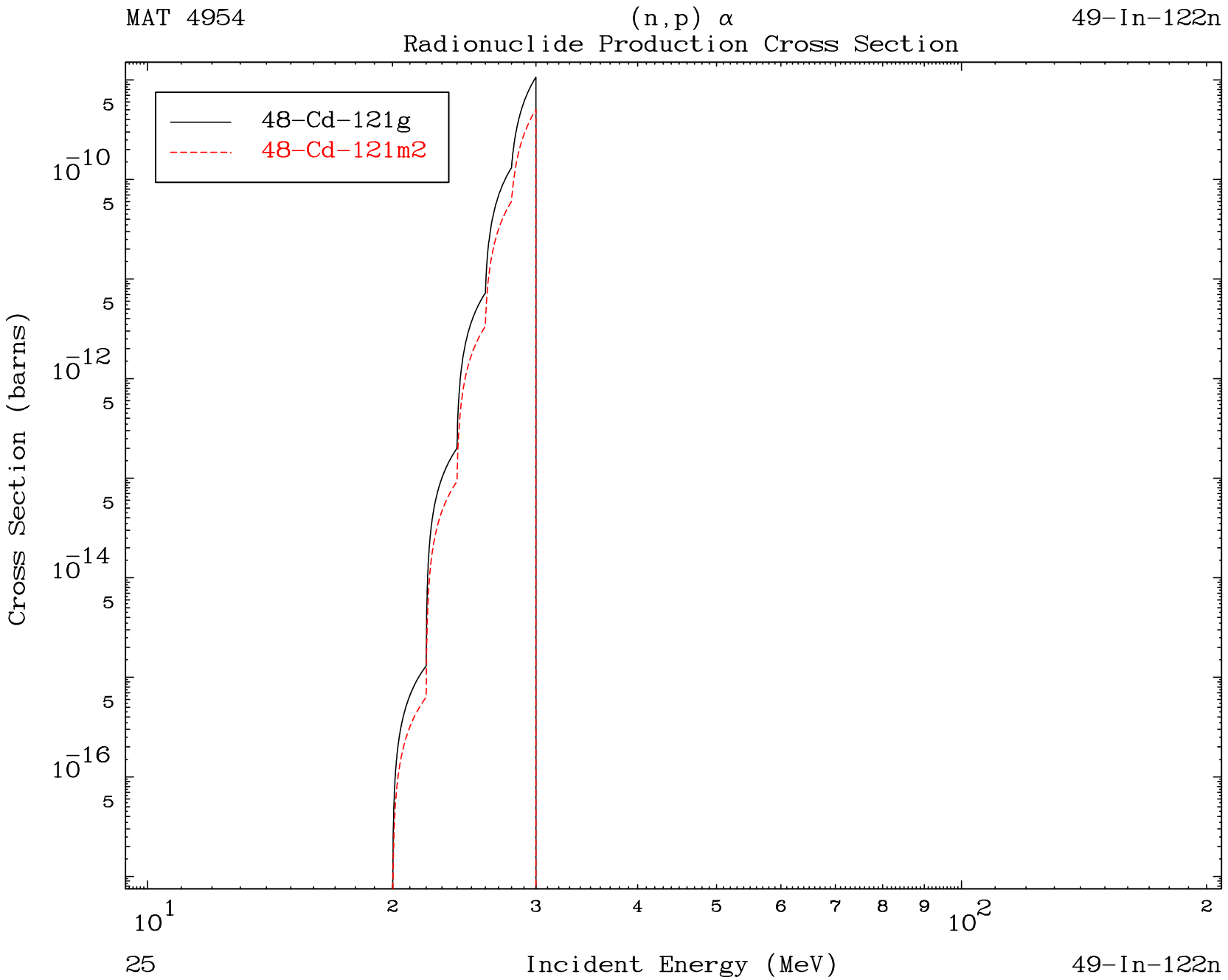

MAT 4954
(n,p)
49-In-122n
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
Incident Energy (MeV)
20
49-In-122n


MAT 4954
(n,t)
49-In-122n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
21
Incident Energy (MeV)
49-In-122n


MAT 4954
(n,He-3)
49-In-122n
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
22
Incident Energy (MeV)
49-In-122n


MAT 4954
(n,α)
49-In-122n
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
23
49-In-122n


MAT 4954
(n,2p)
49-In-122n
Radionuclide Production Cross Section
49-In-124g
49-In-124m2
Cross Section (barns)
Incident Energy (MeV)
24
49-In-122n


MAT 4954
(n,p) α
49-In-122n
Radionuclide Production Cross Section
48-Cd-121g
48-Cd-121m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
10^1
2
3
4
5
6
7
8
9
10^2
2
25
Incident Energy (MeV)
49-In-122n