Program EVALPLOT
(Version 2018-1)
by
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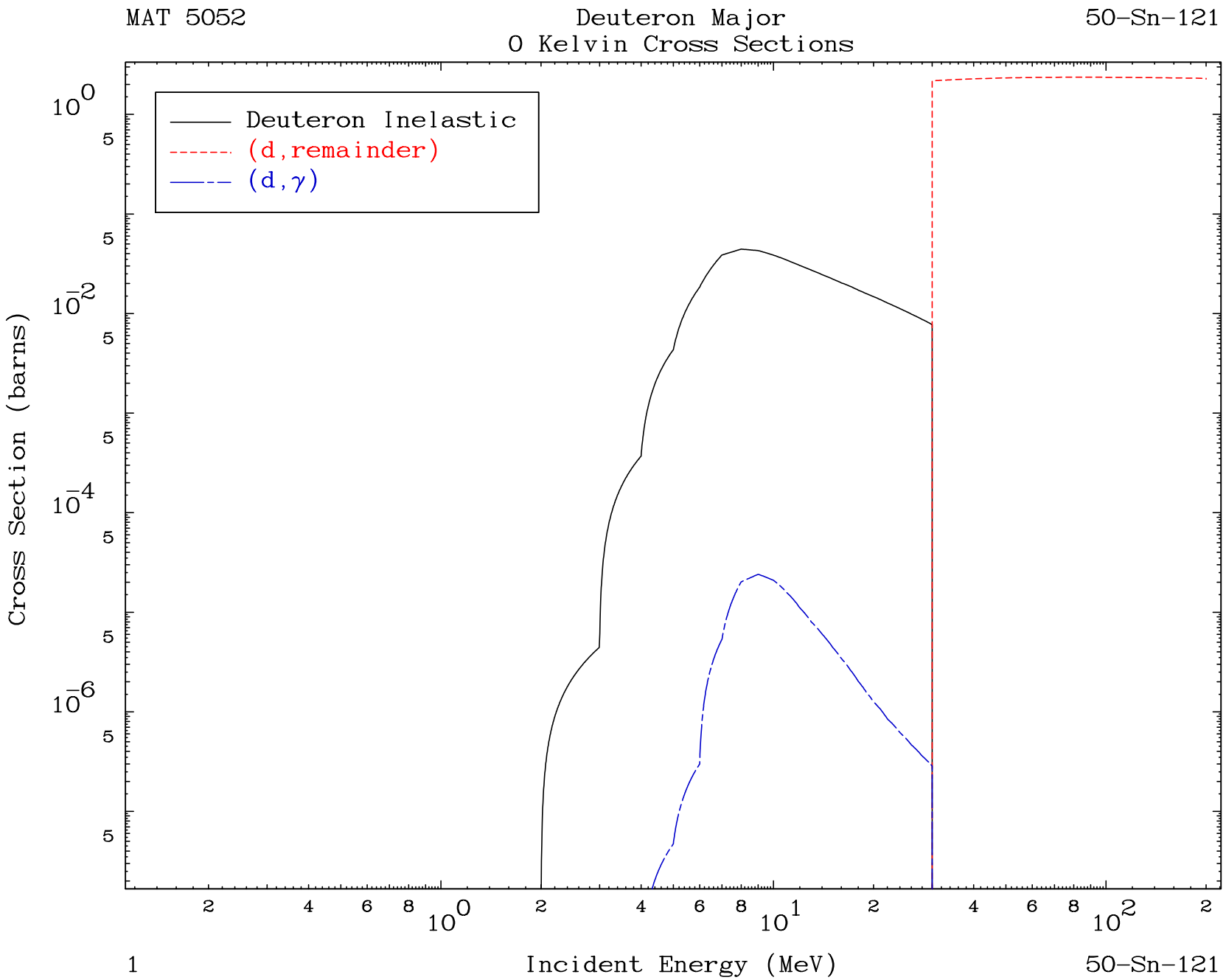
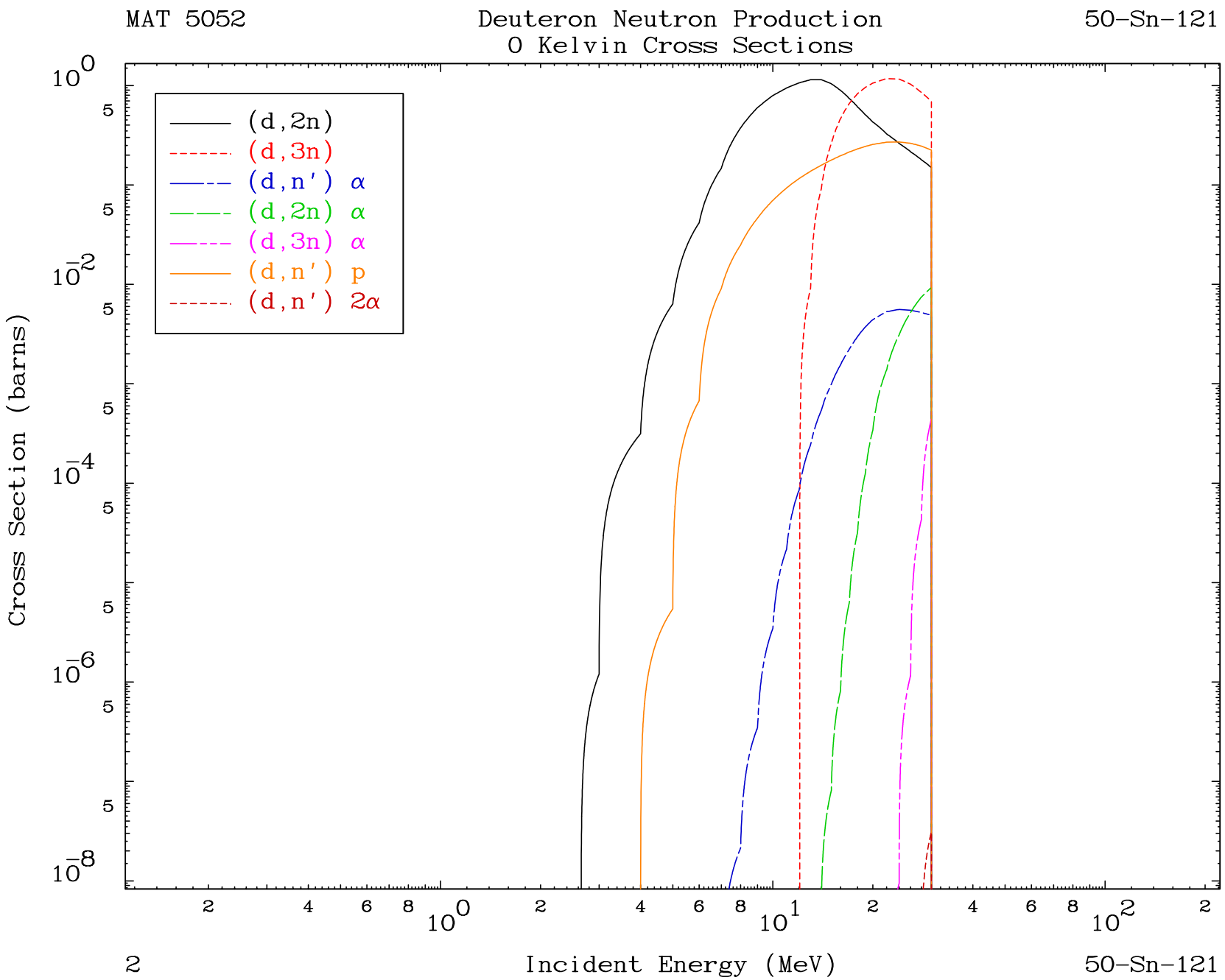
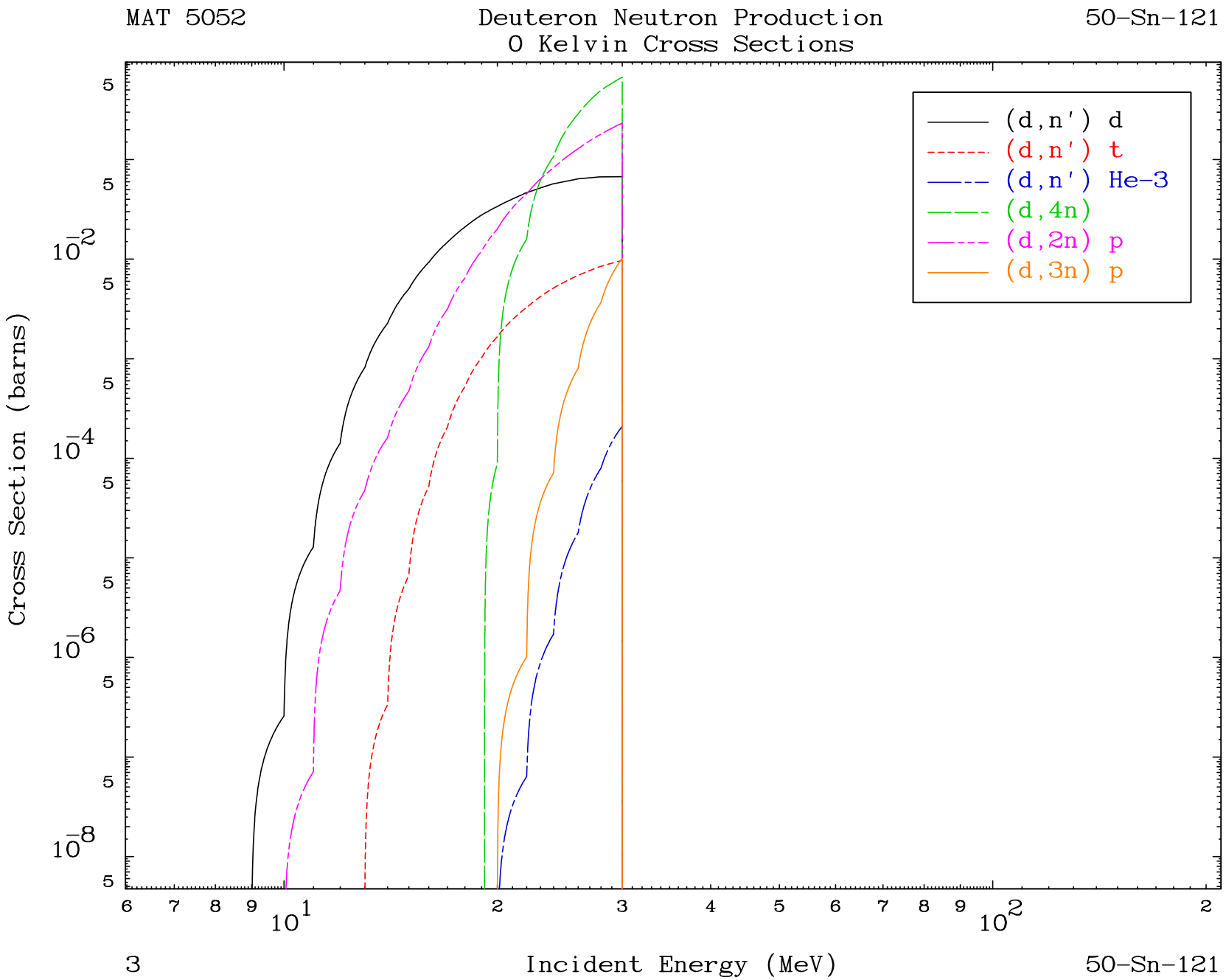
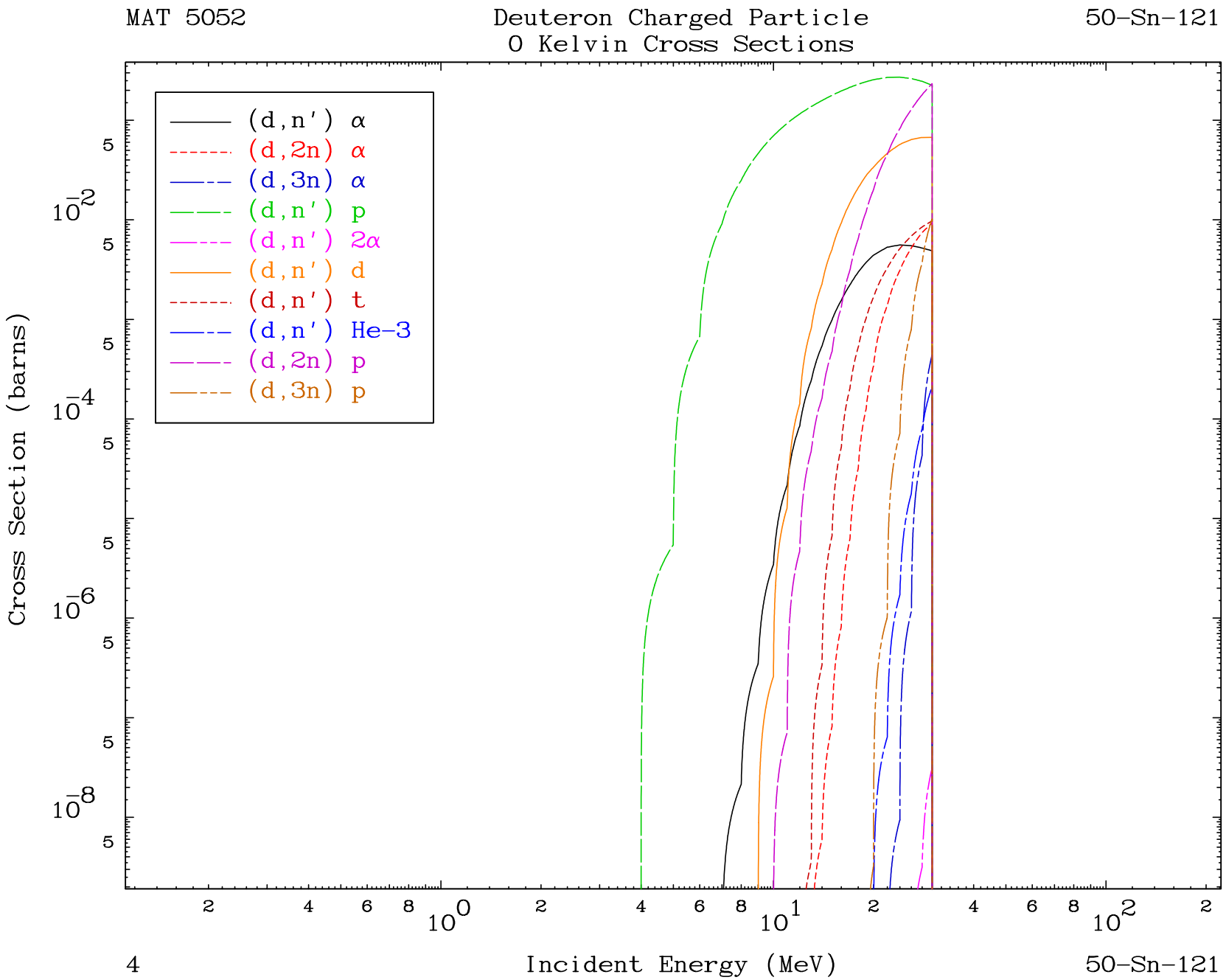
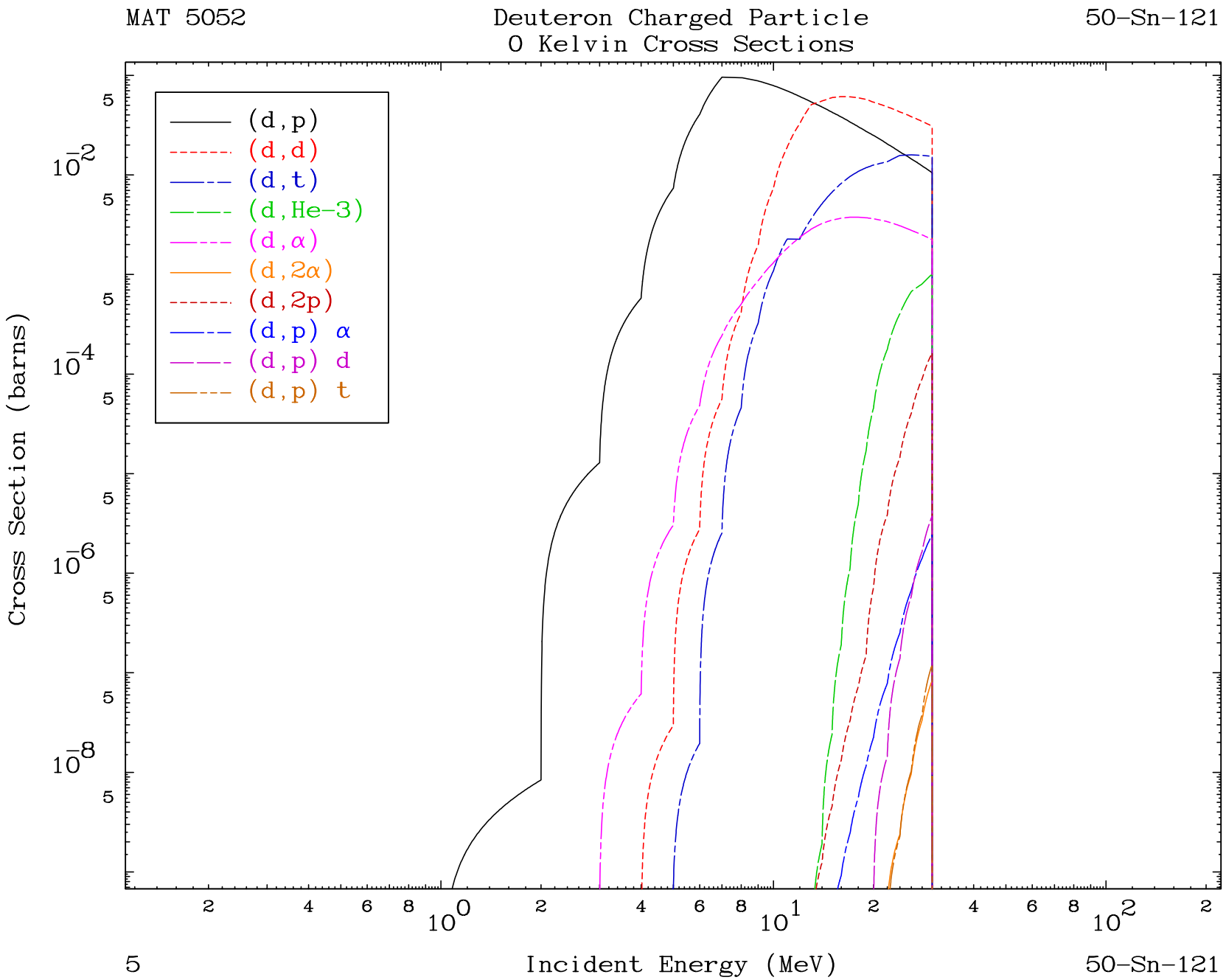
Press Mouse Button to Start

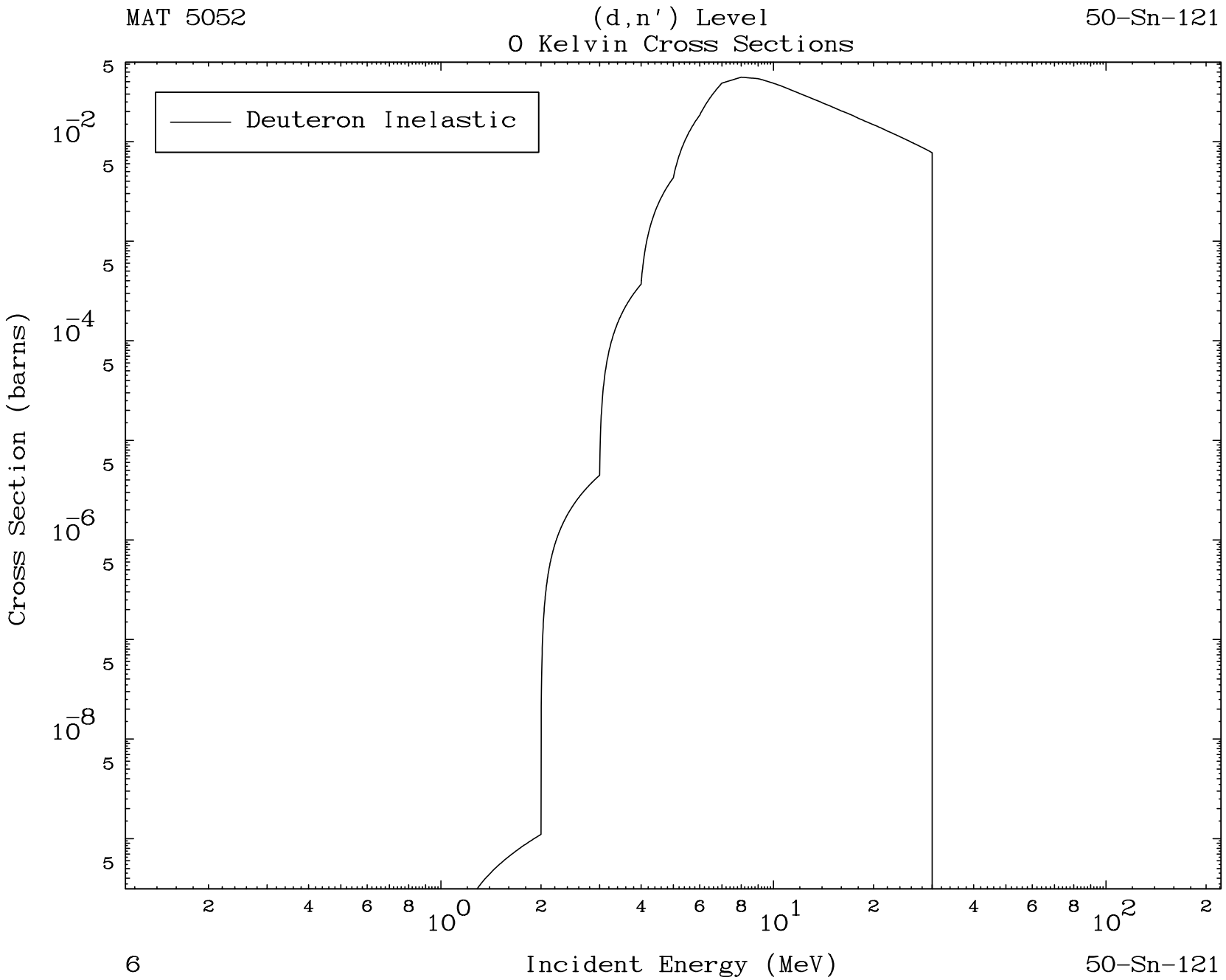

MAT 5052
Deuteron Major
50-Sn-121
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121
1

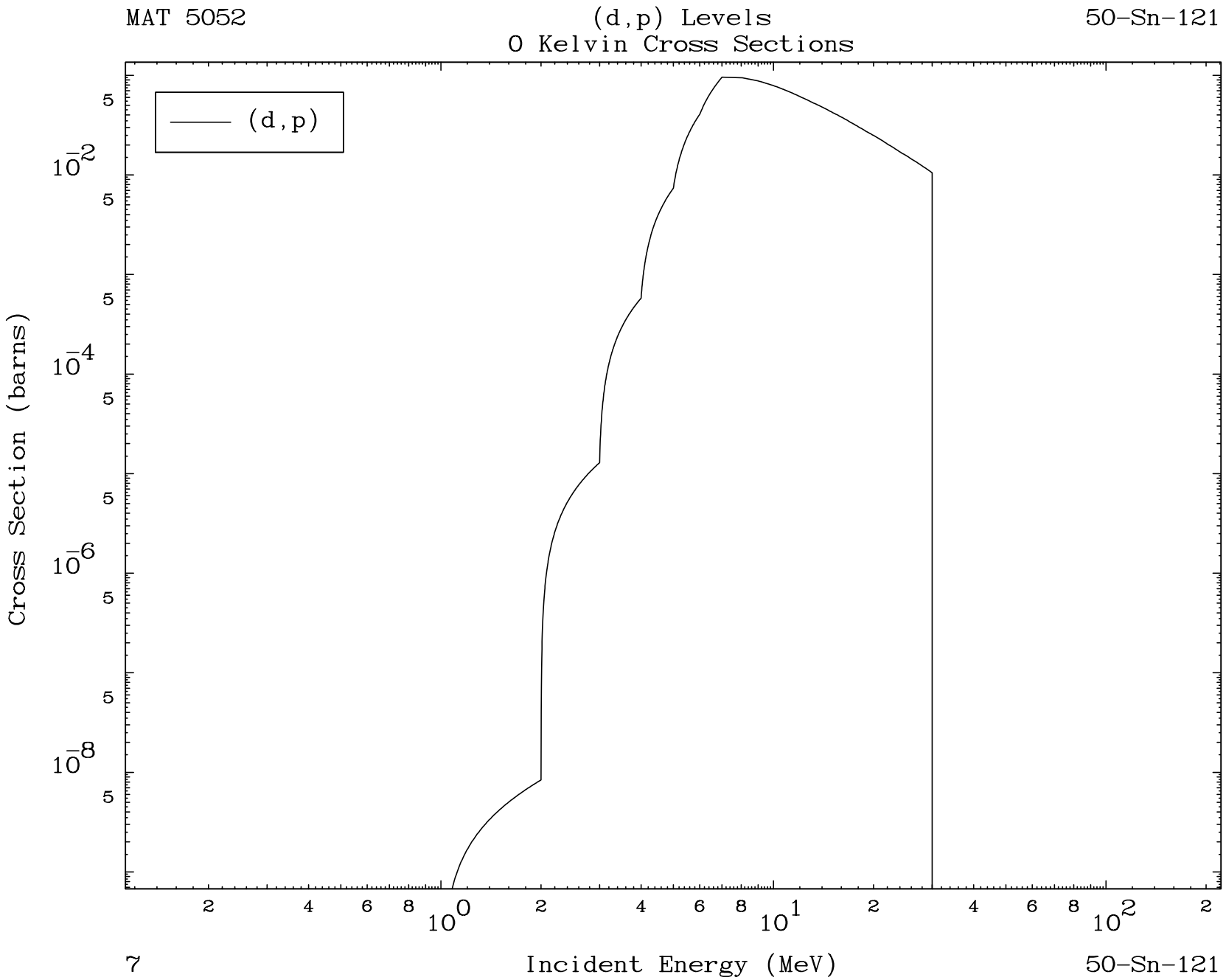

MAT 5052
Deuteron Neutron Production
0 Kelvin Cross Sections
50-Sn-121
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121
2

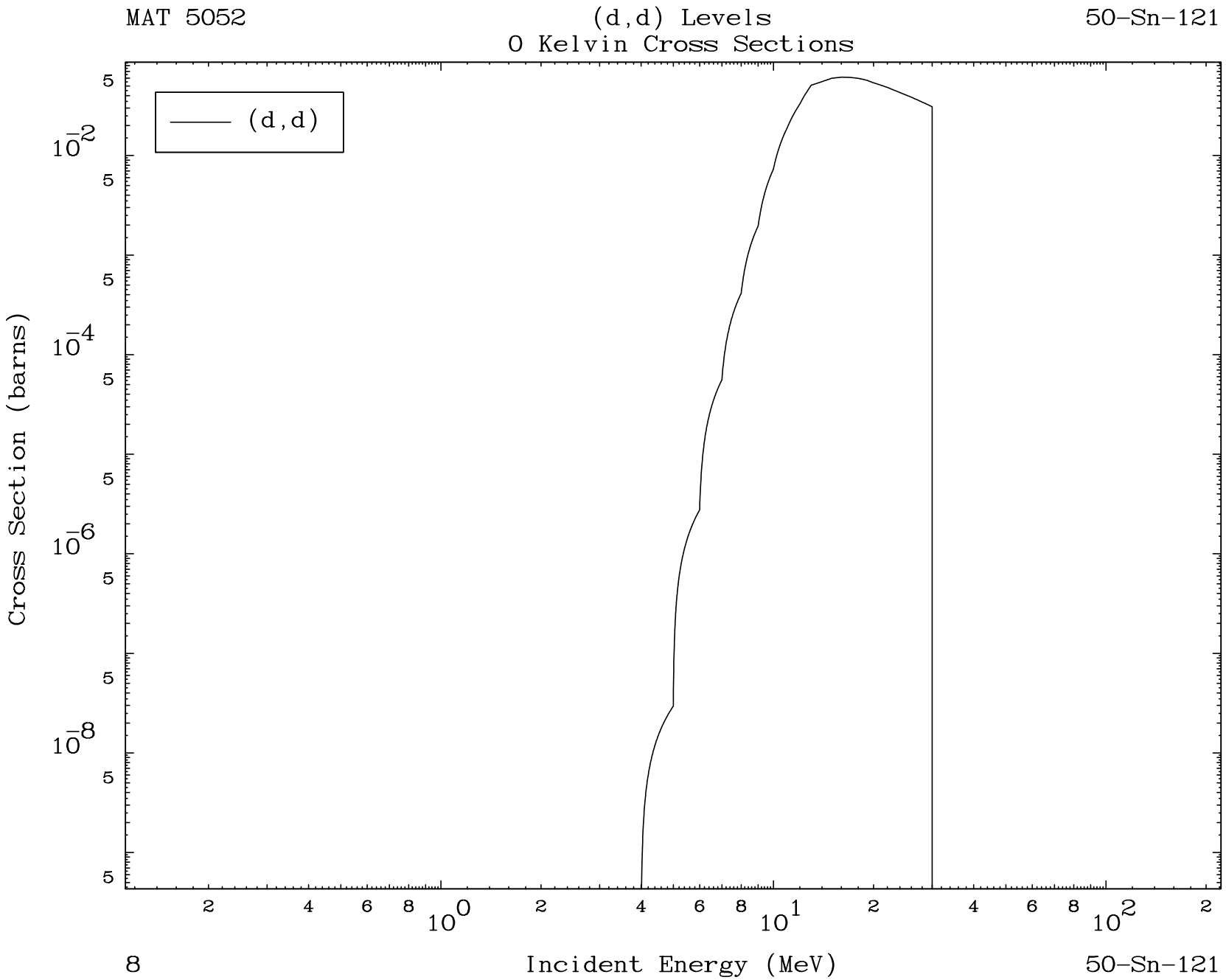

MAT 5052
Deuteron Neutron Production
0 Kelvin Cross Sections
50-Sn-121
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
50-Sn-121


MAT 5052
Deuteron Charged Particle
0 Kelvin Cross Sections
50-Sn-121
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
50-Sn-121


MAT 5052
Deuteron Charged Particle
0 Kelvin Cross Sections
50-Sn-121
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
5
50-Sn-121


MAT 5052
(d,n') Level
50-Sn-121
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
50-Sn-121


MAT 5052
(d,p) Levels
50-Sn-121
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
50-Sn-121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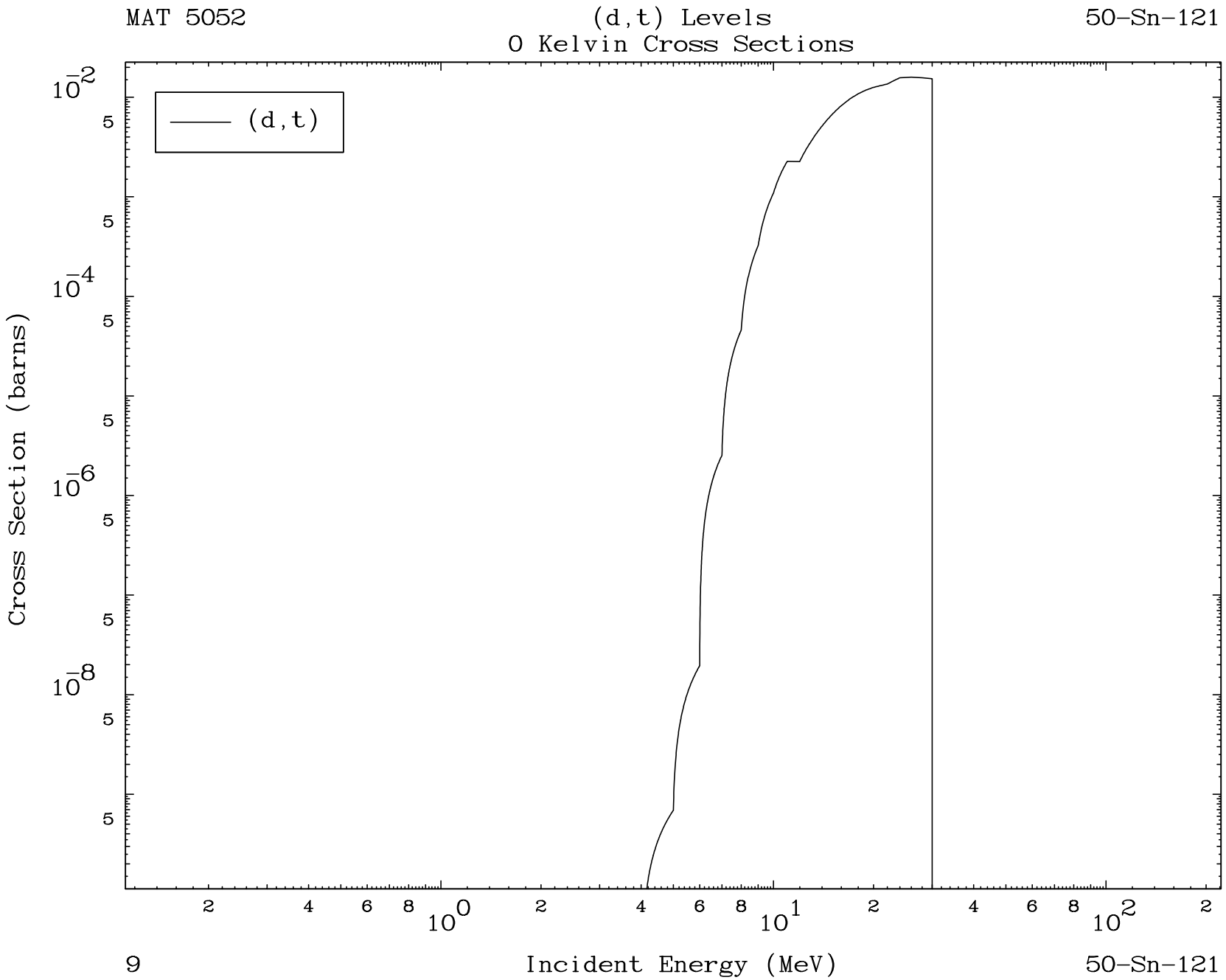
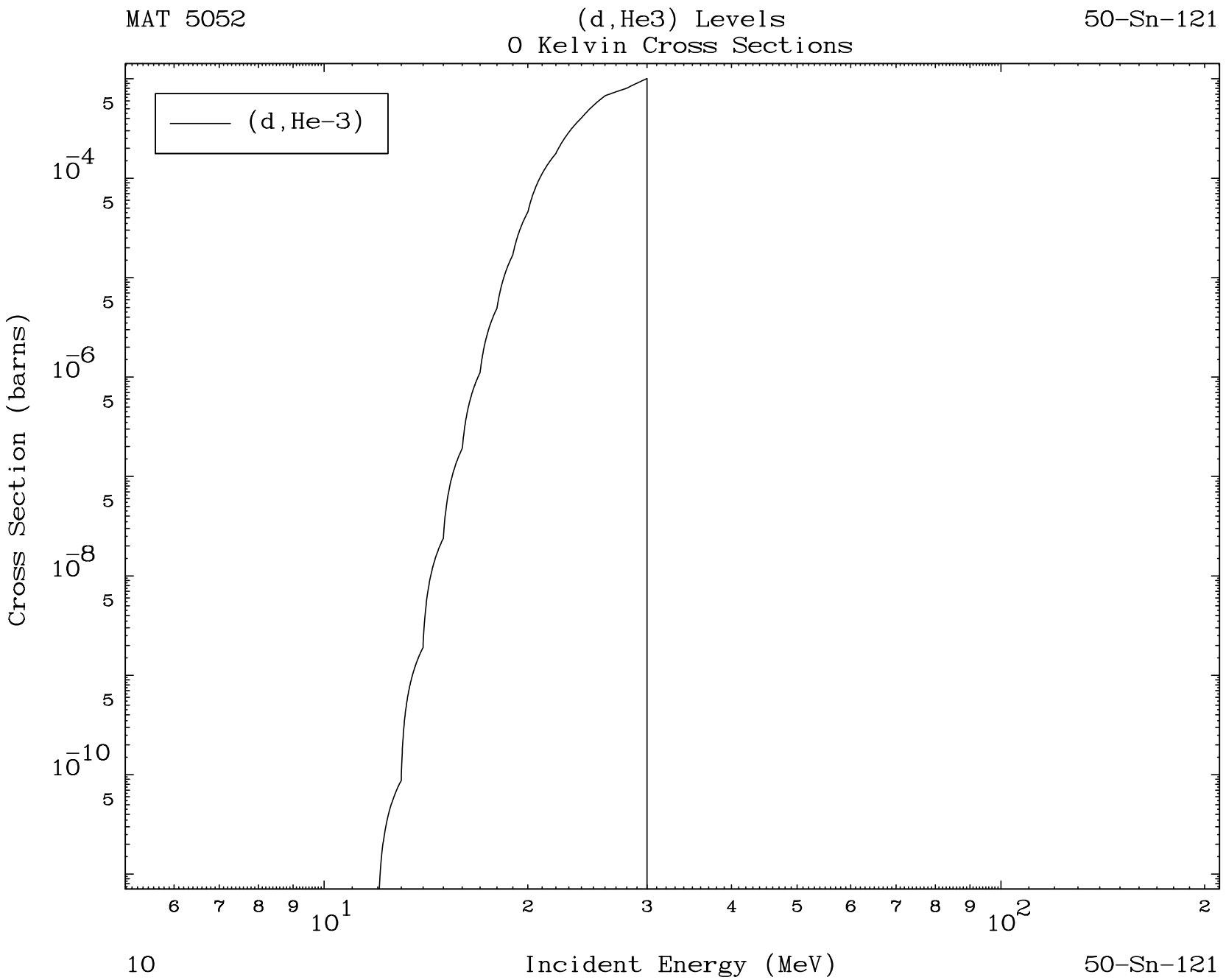
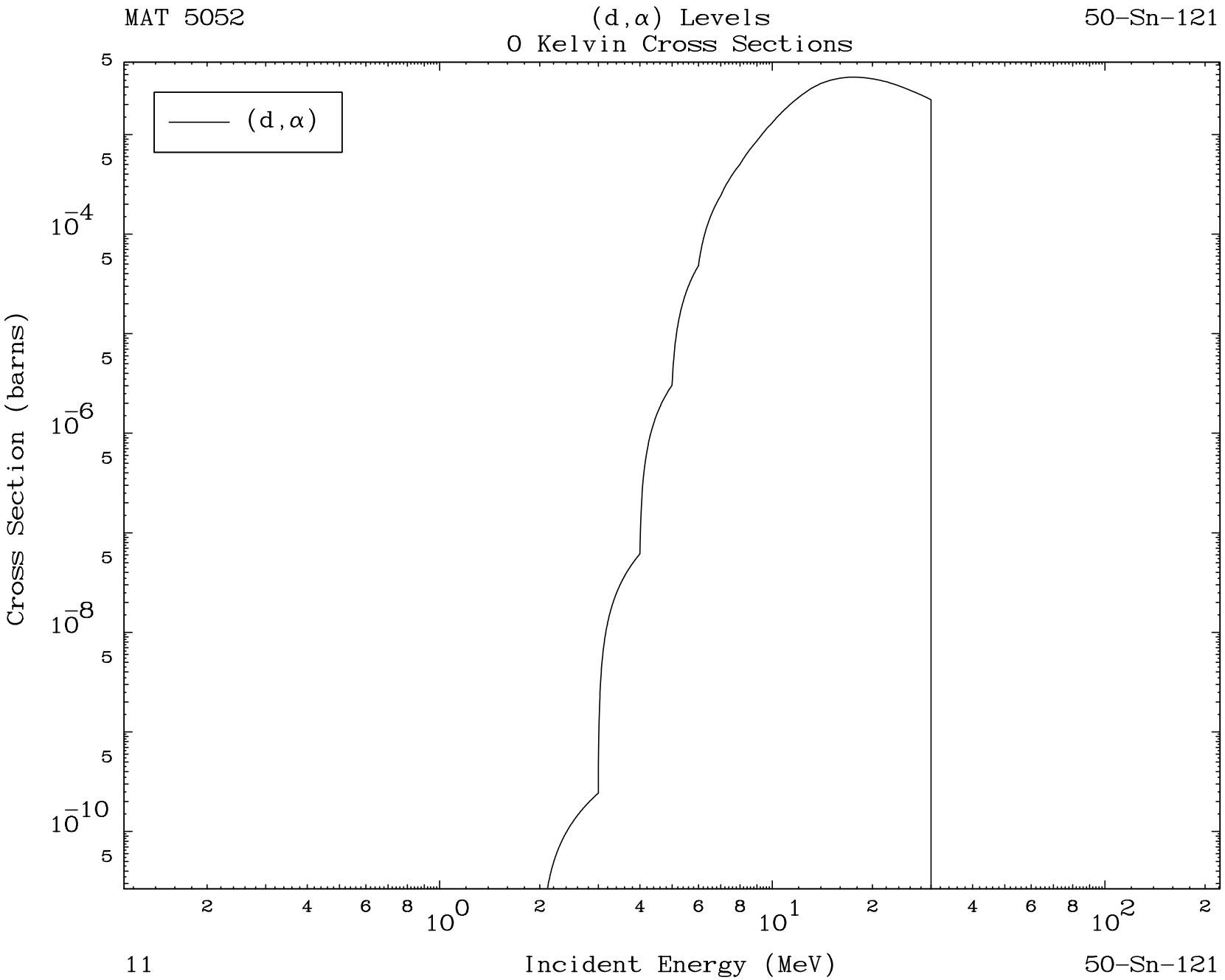
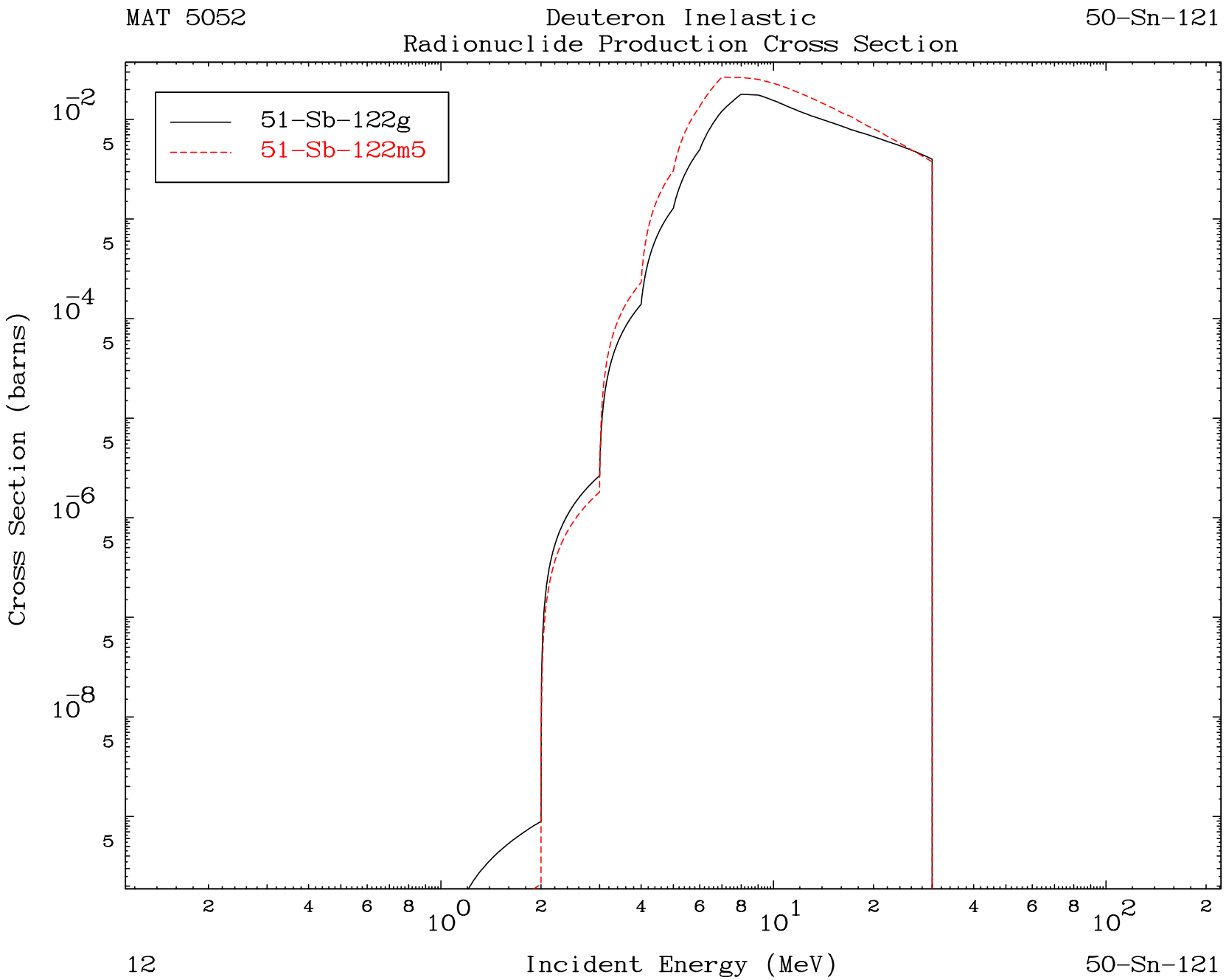
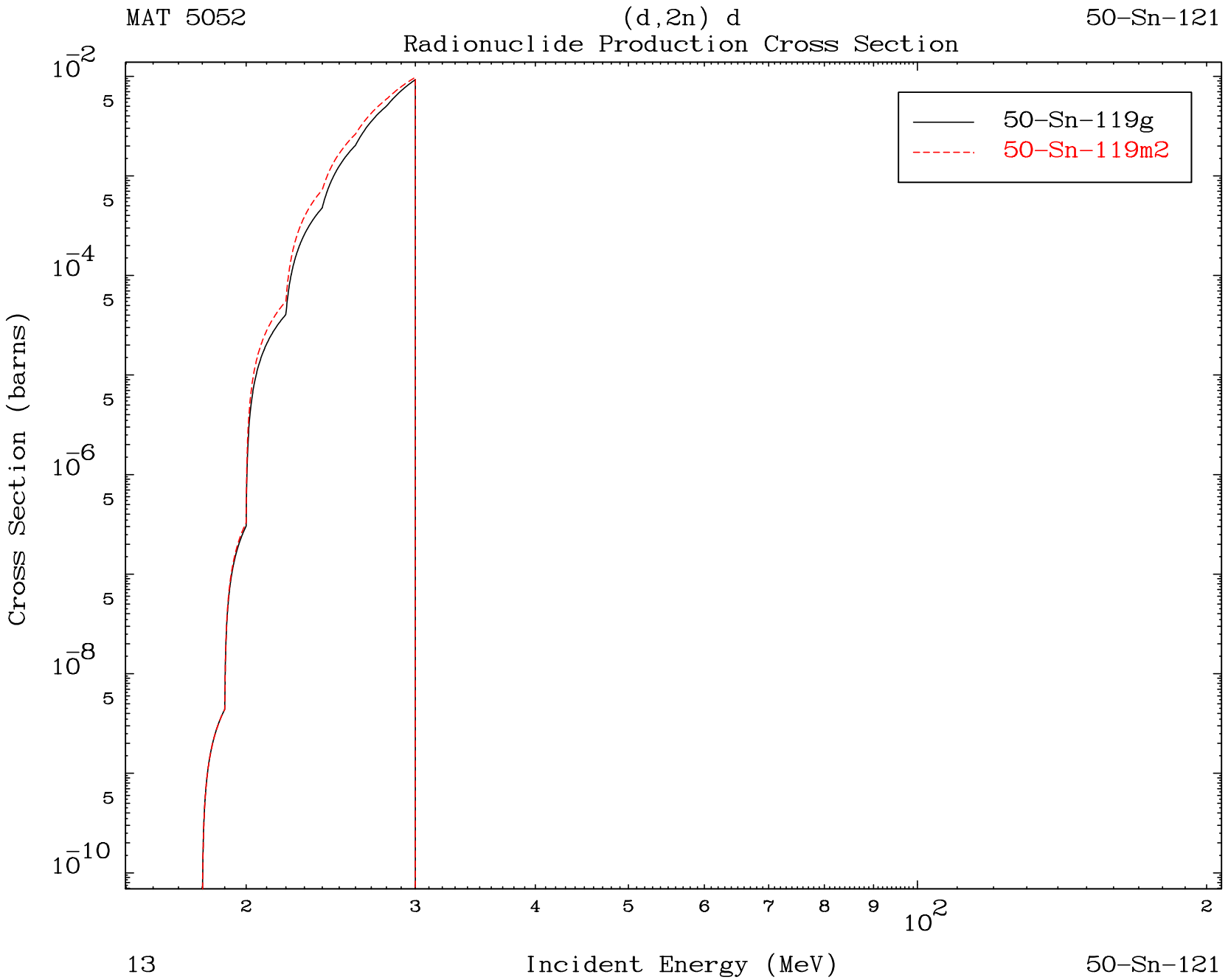
(d,d) Levels
50-Sn-121
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
50-Sn-121

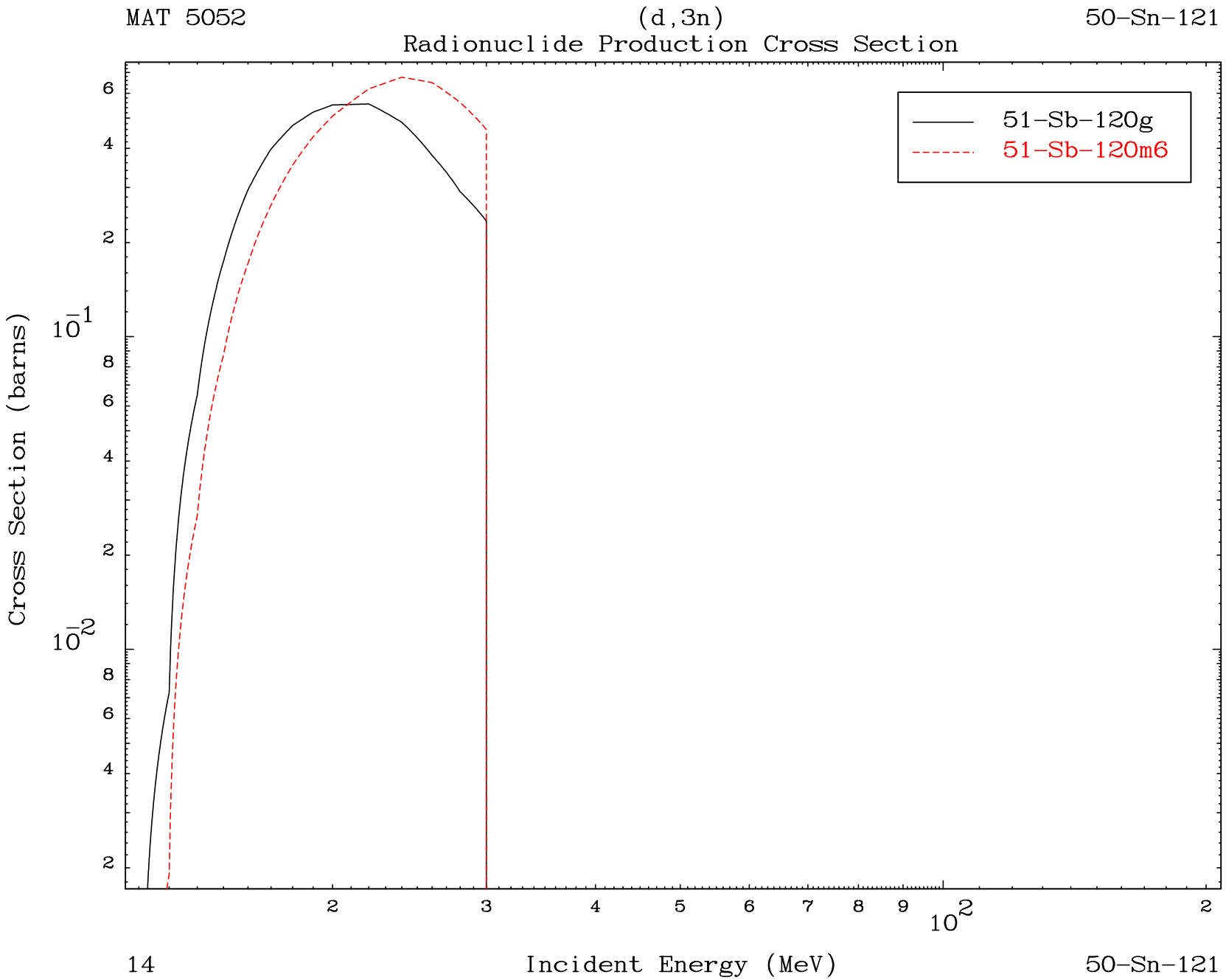

MAT 5052
(d,t) Levels
50-Sn-121
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
50-Sn-121

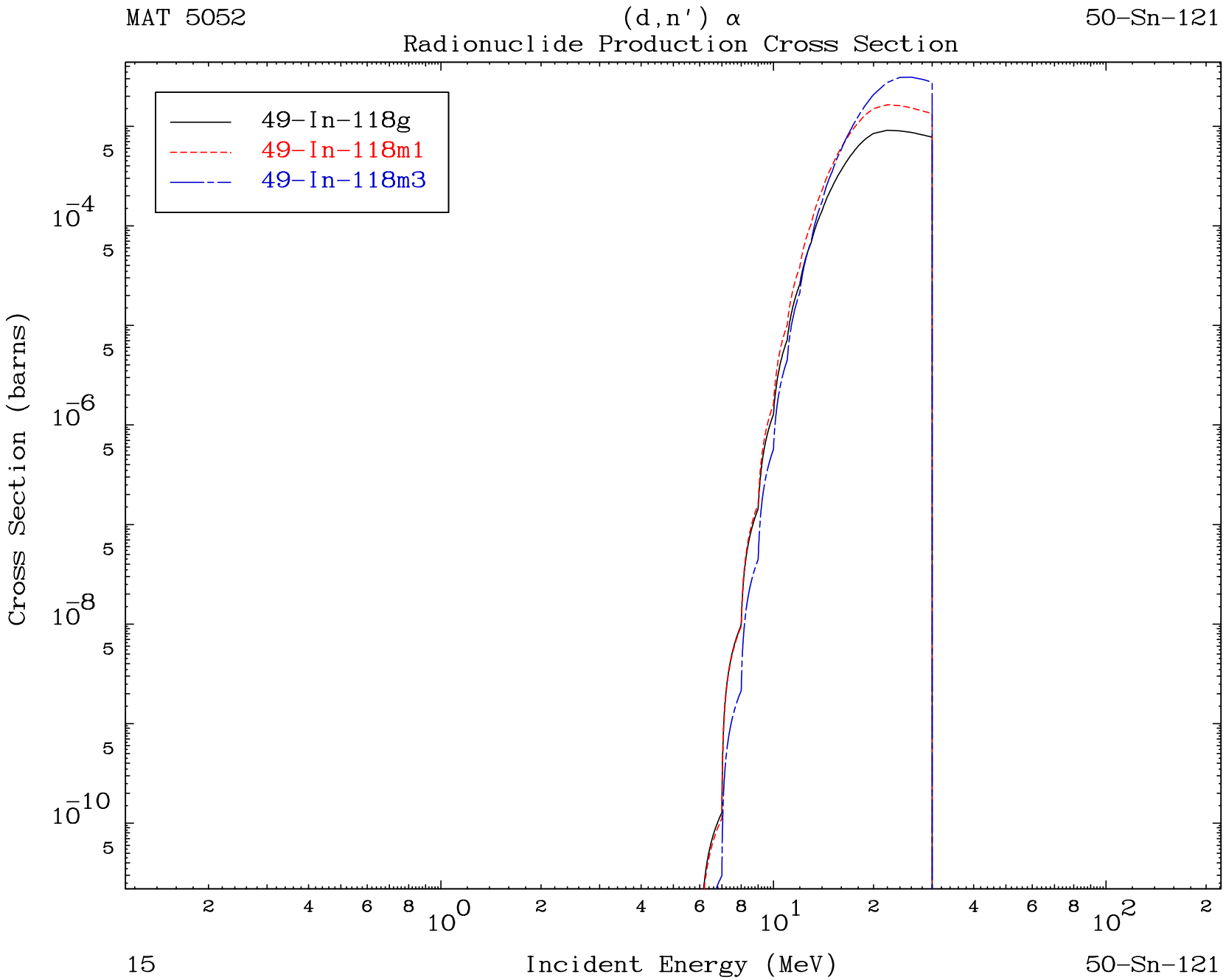

MAT 5052
(d,He3) Levels
50-Sn-121
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
50-Sn-121

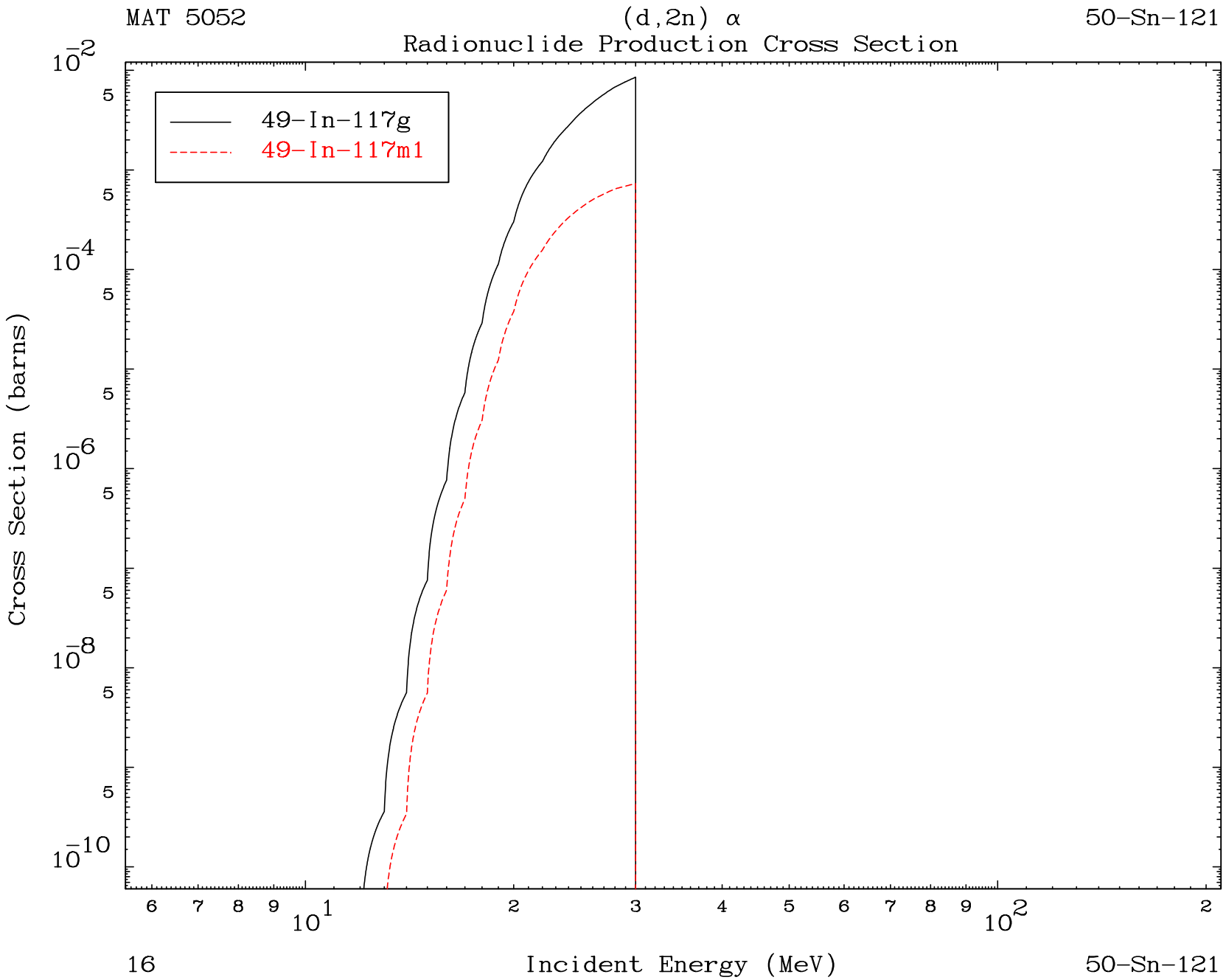

MAT 5052
(d,α) Levels
50-Sn-121
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
50-Sn-121

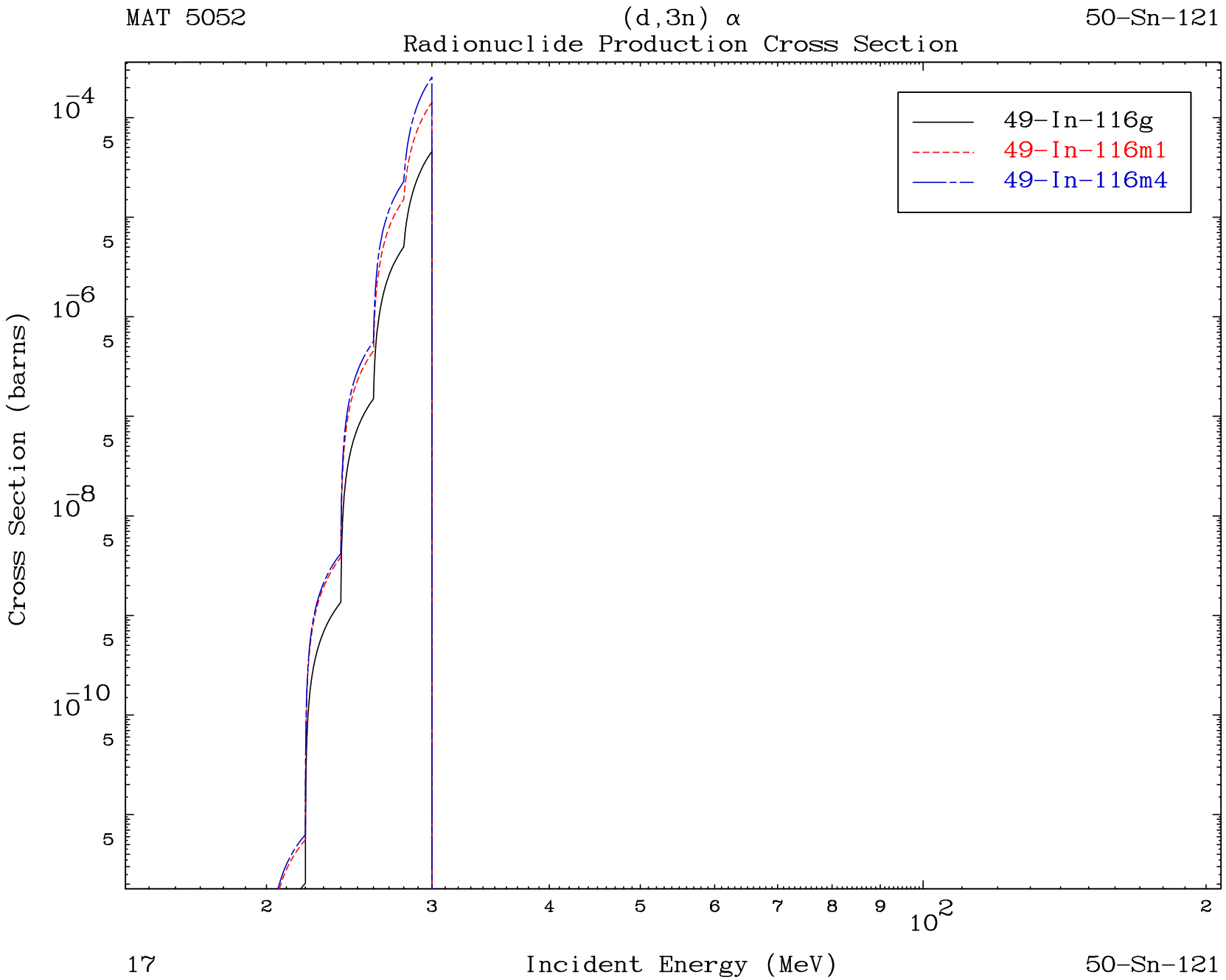

MAT 5052
Deuteron Inelastic
50-Sn-121
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
12
50-Sn-121

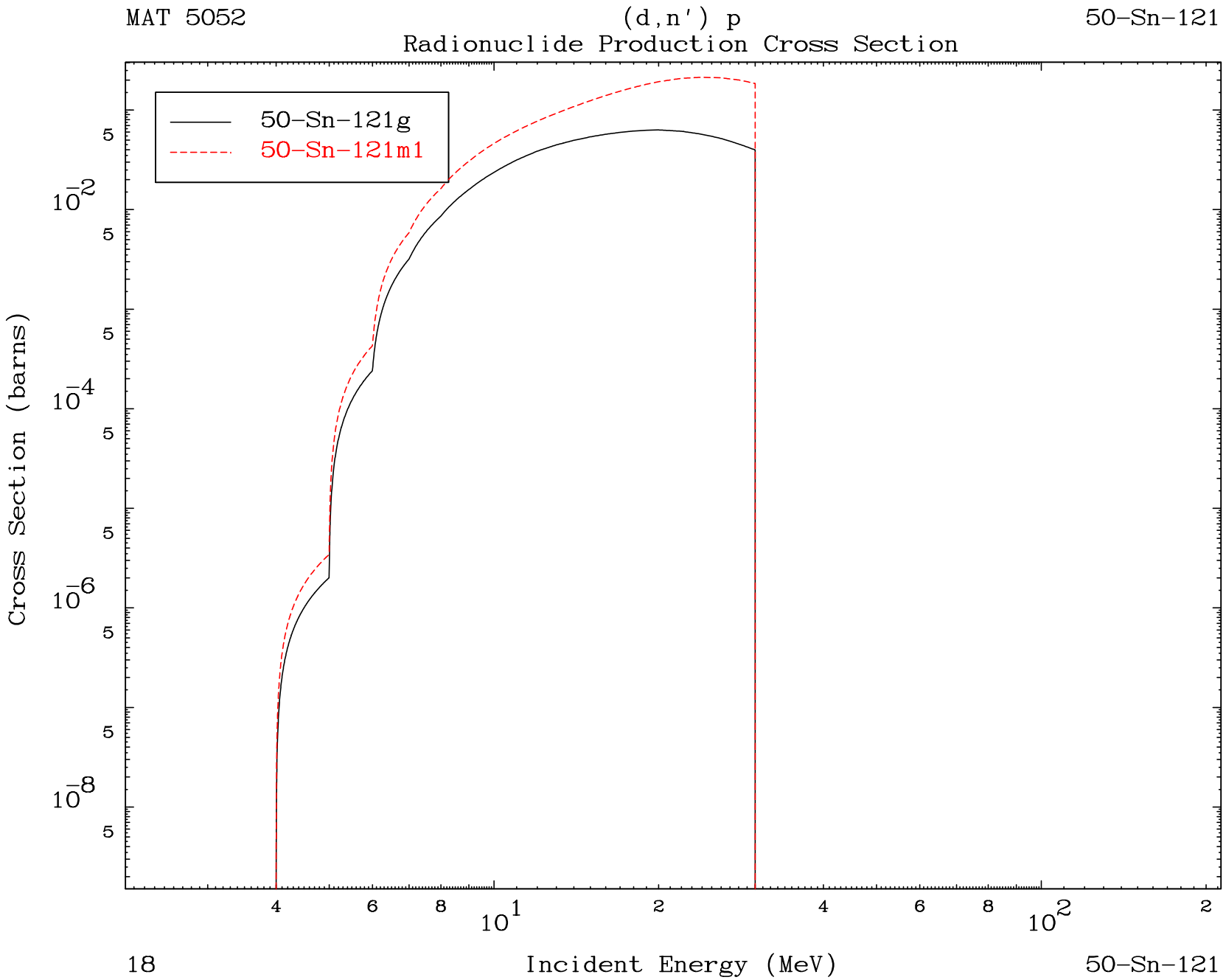

MAT 5052
(d,2n) d
50-Sn-121
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
13
50-Sn-121

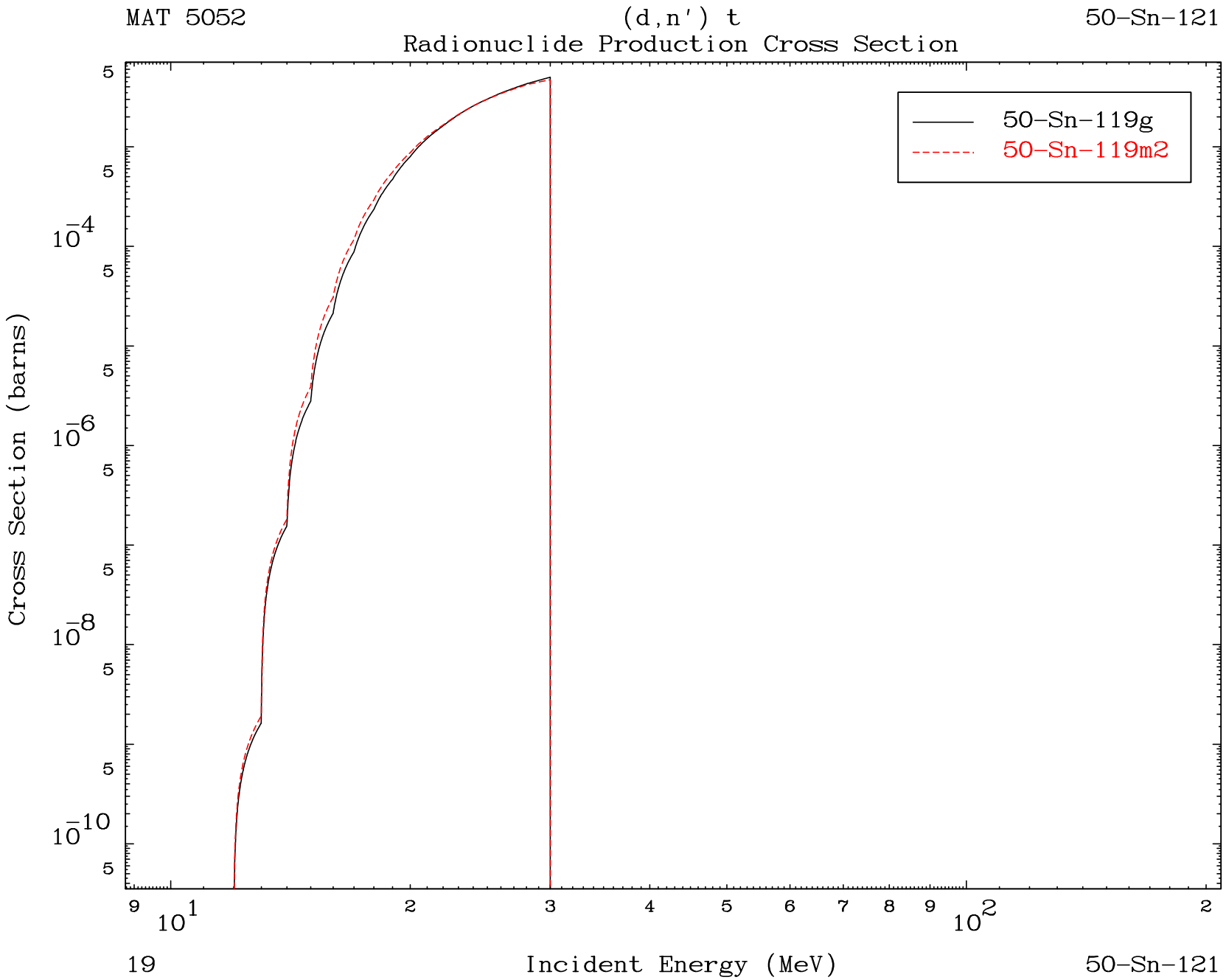

MAT 5052
(d,3n)
50-Sn-121
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m6
Cross Section (barns)
Incident Energy (MeV)
14
50-Sn-121

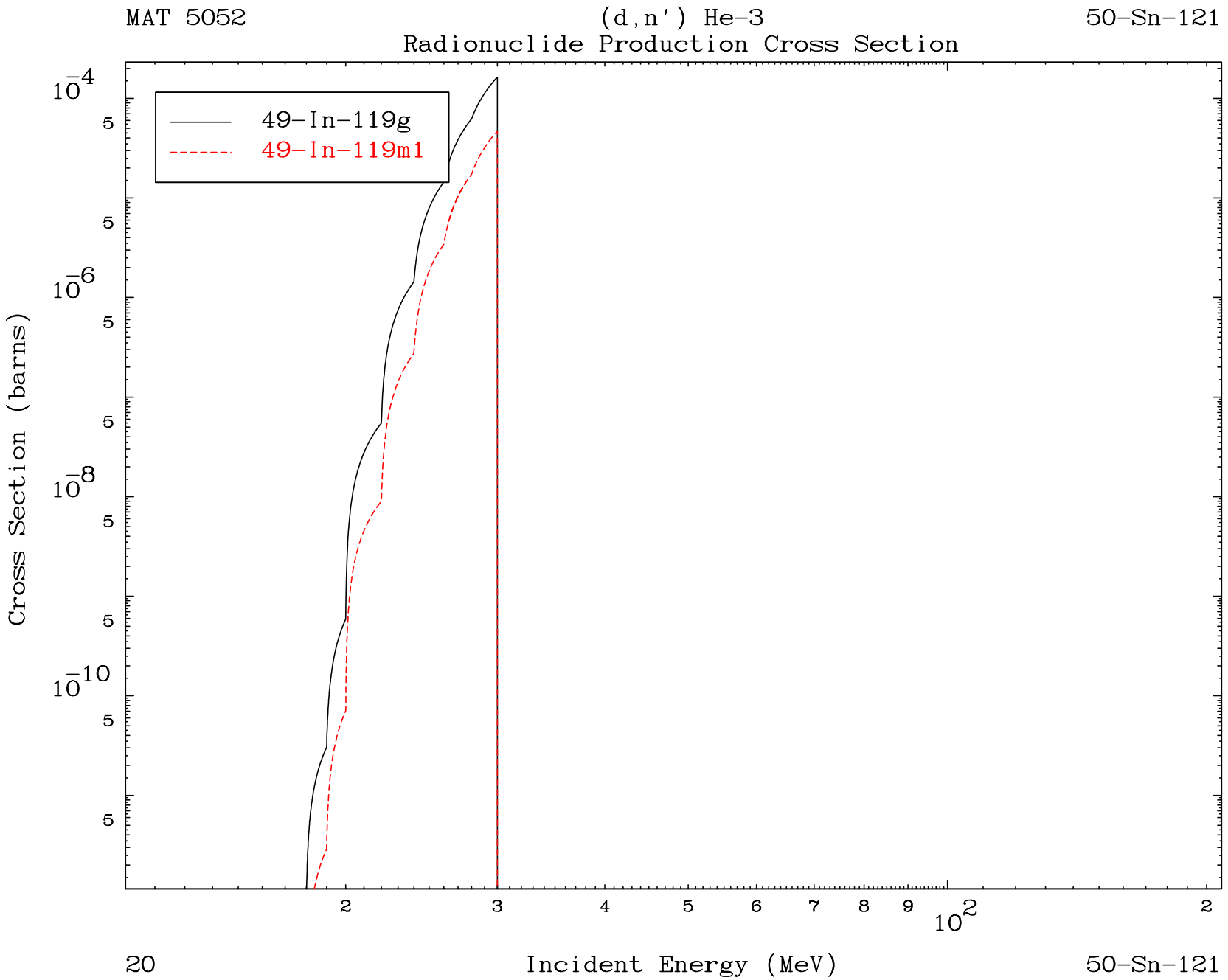

MAT 5052
(d,n') α
50-Sn-121
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
15
50-Sn-121

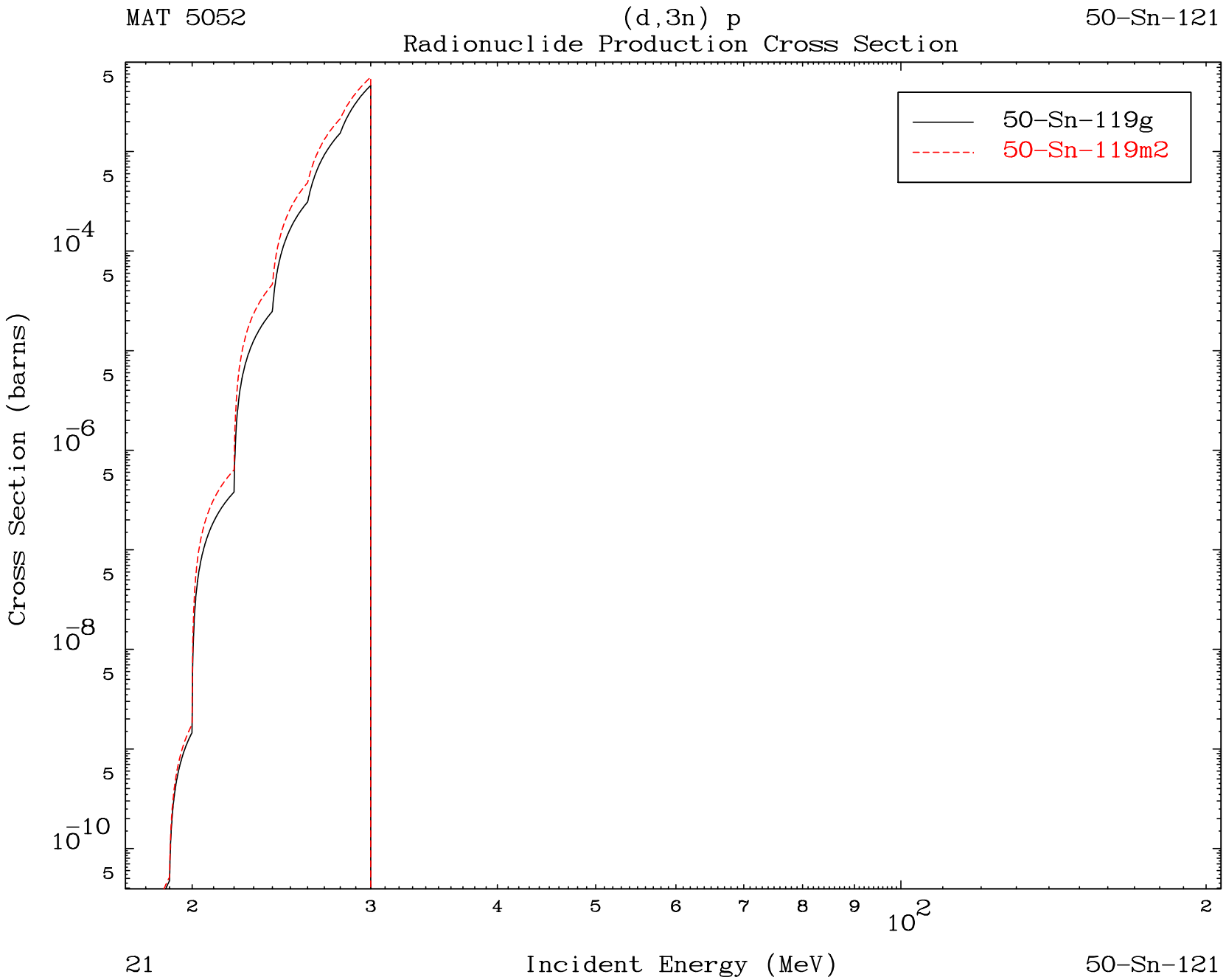

MAT 5052
(d,2n) α
50-Sn-121
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
Incident Energy (MeV)
16
50-Sn-121

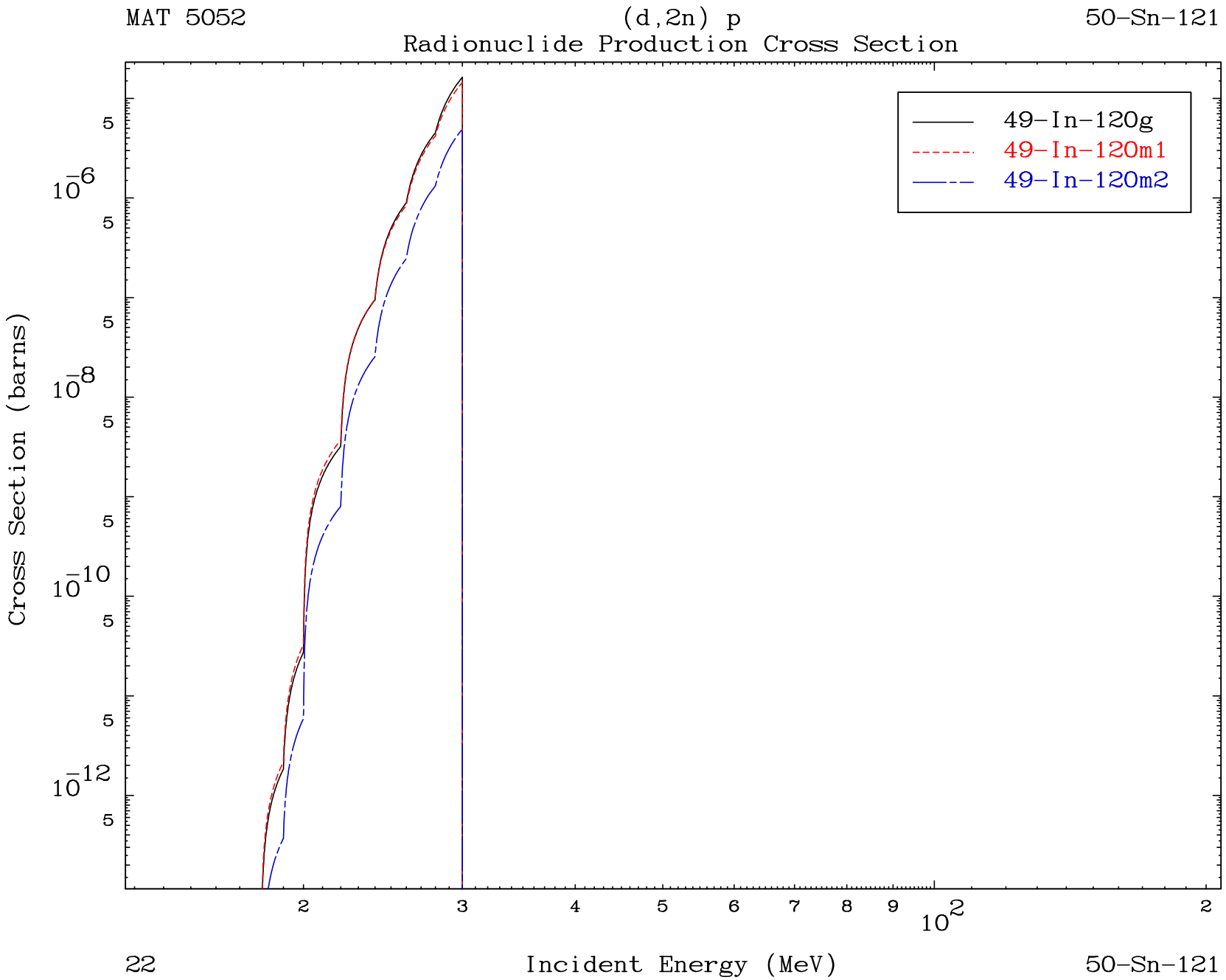

MAT 5052
(d,3n) α
50-Sn-121
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
Incident Energy (MeV)
17
50-Sn-121

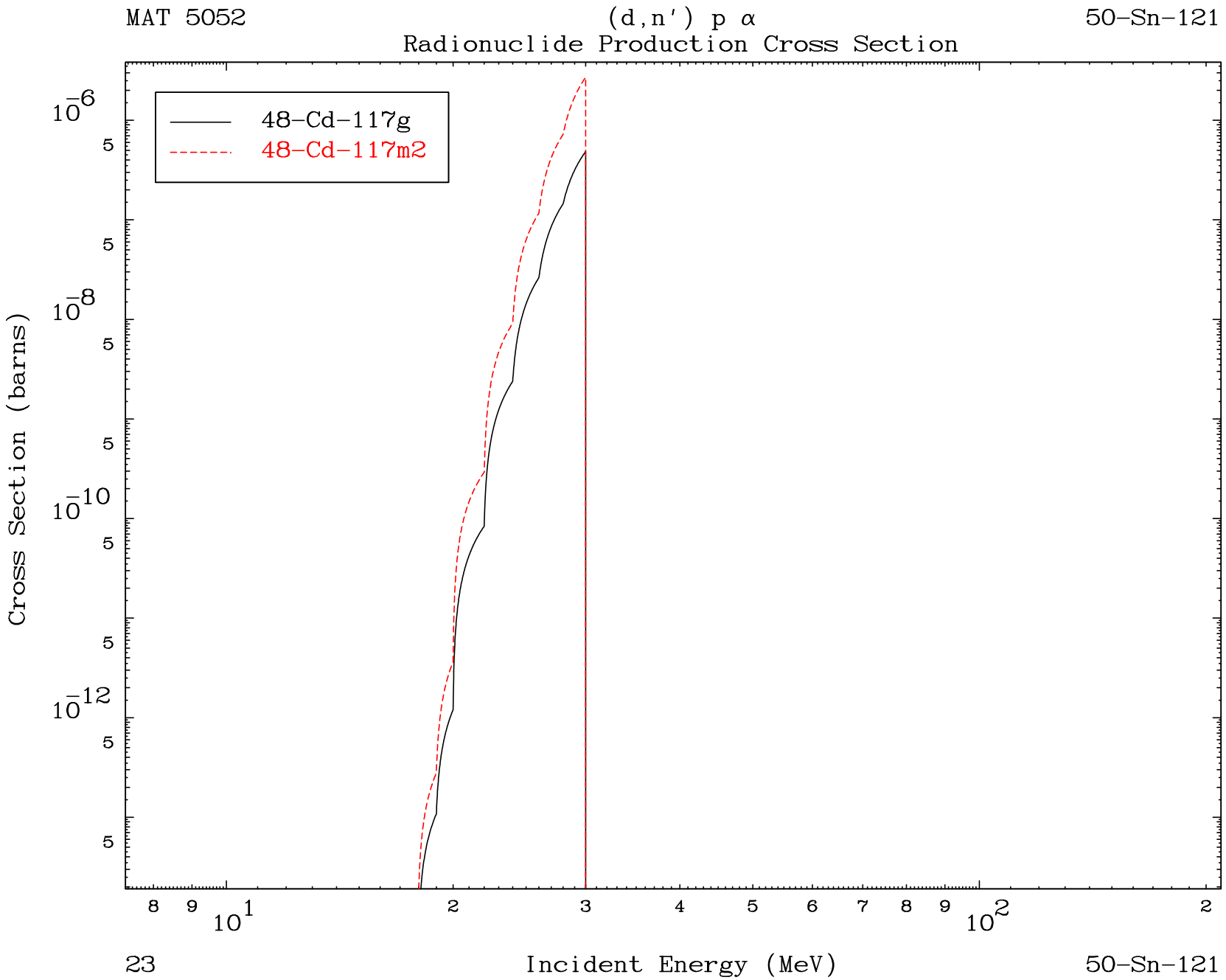

MAT 5052
(d,n') p
50-Sn-121
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
18
50-Sn-121

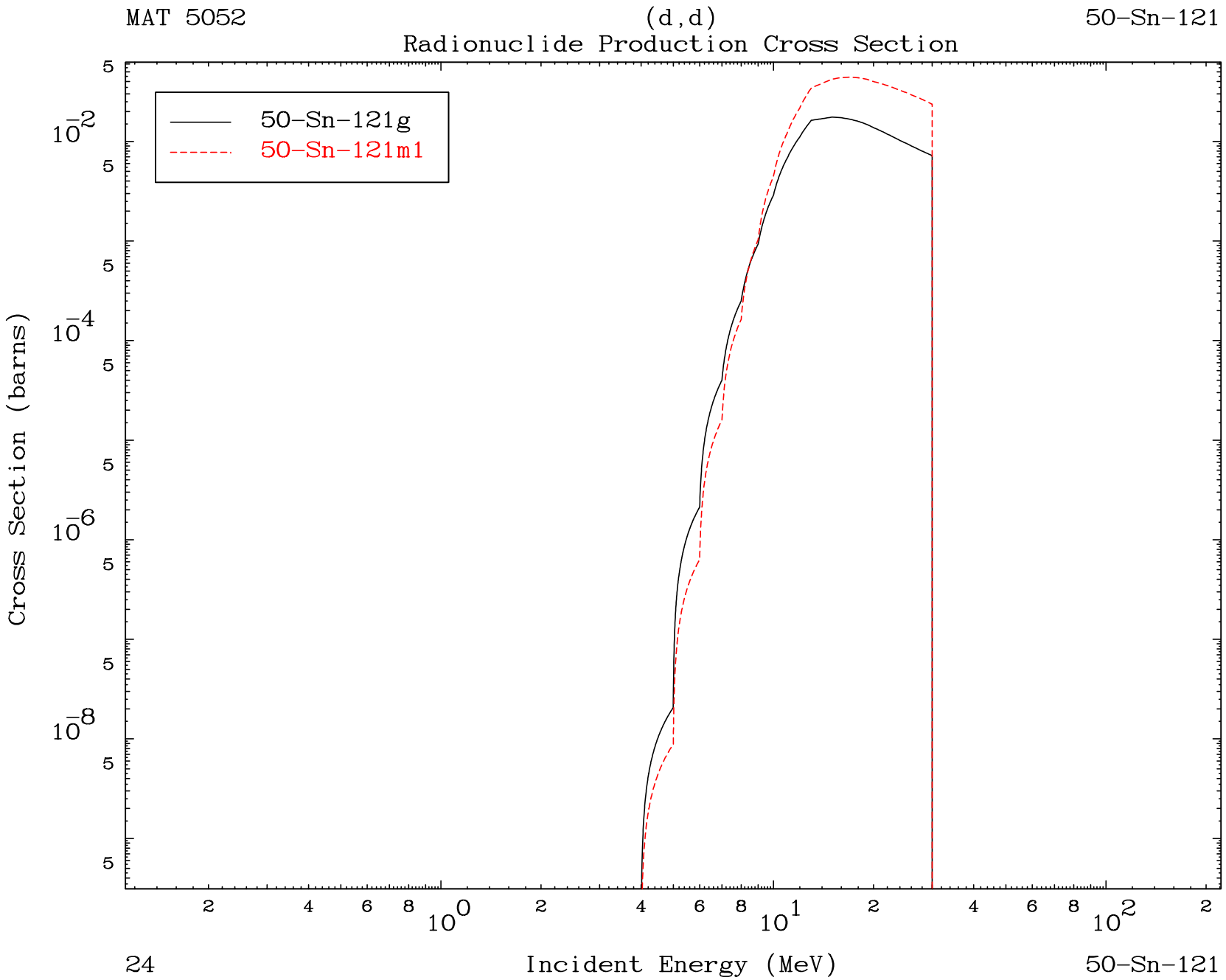

MAT 5052
(d,n') t
50-Sn-121
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
19
50-Sn-121

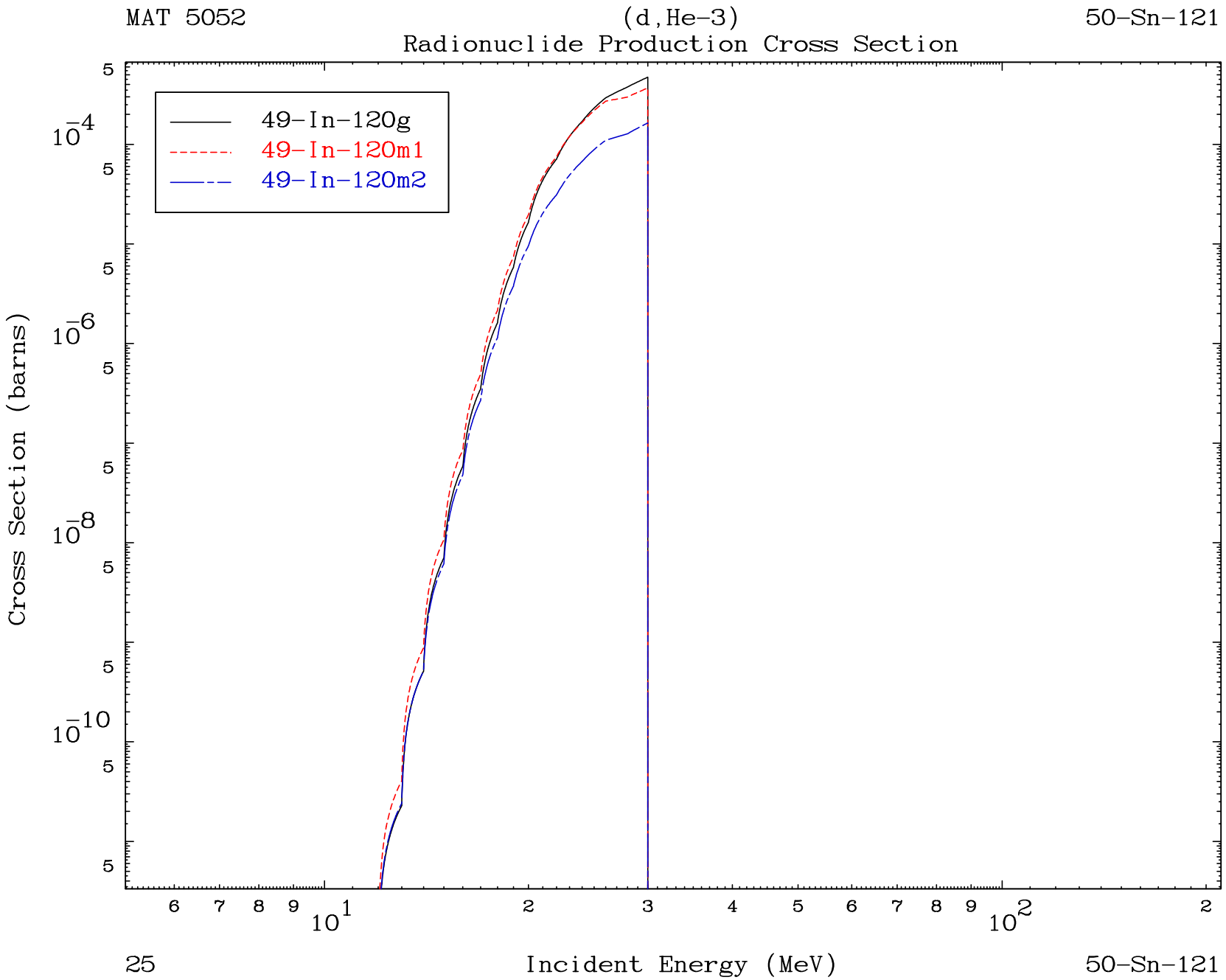

MAT 5052
(d,n') He-3
50-Sn-121
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
50-Sn-121

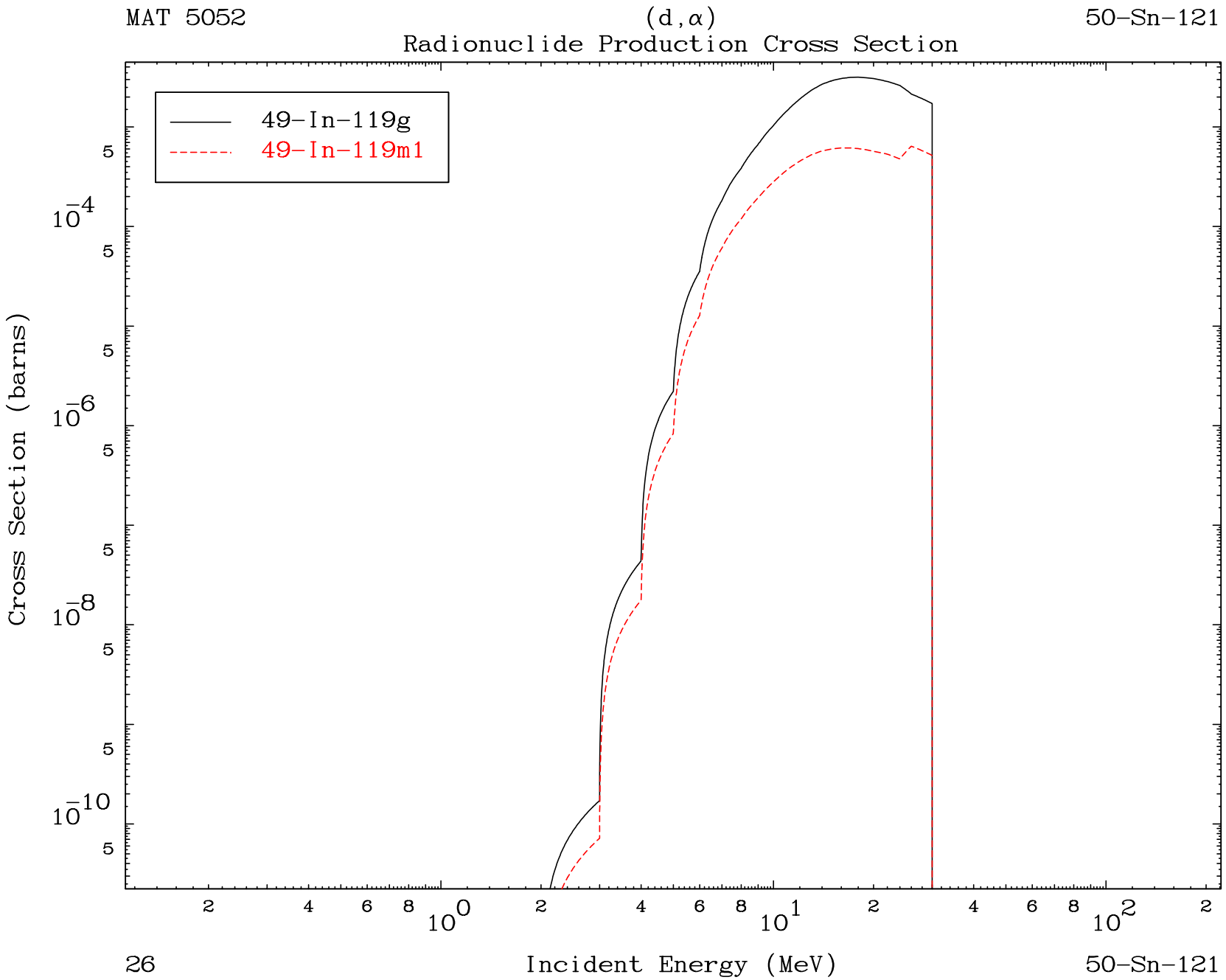

MAT 5052
(d,3n) p
50-Sn-121
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
21
50-Sn-121

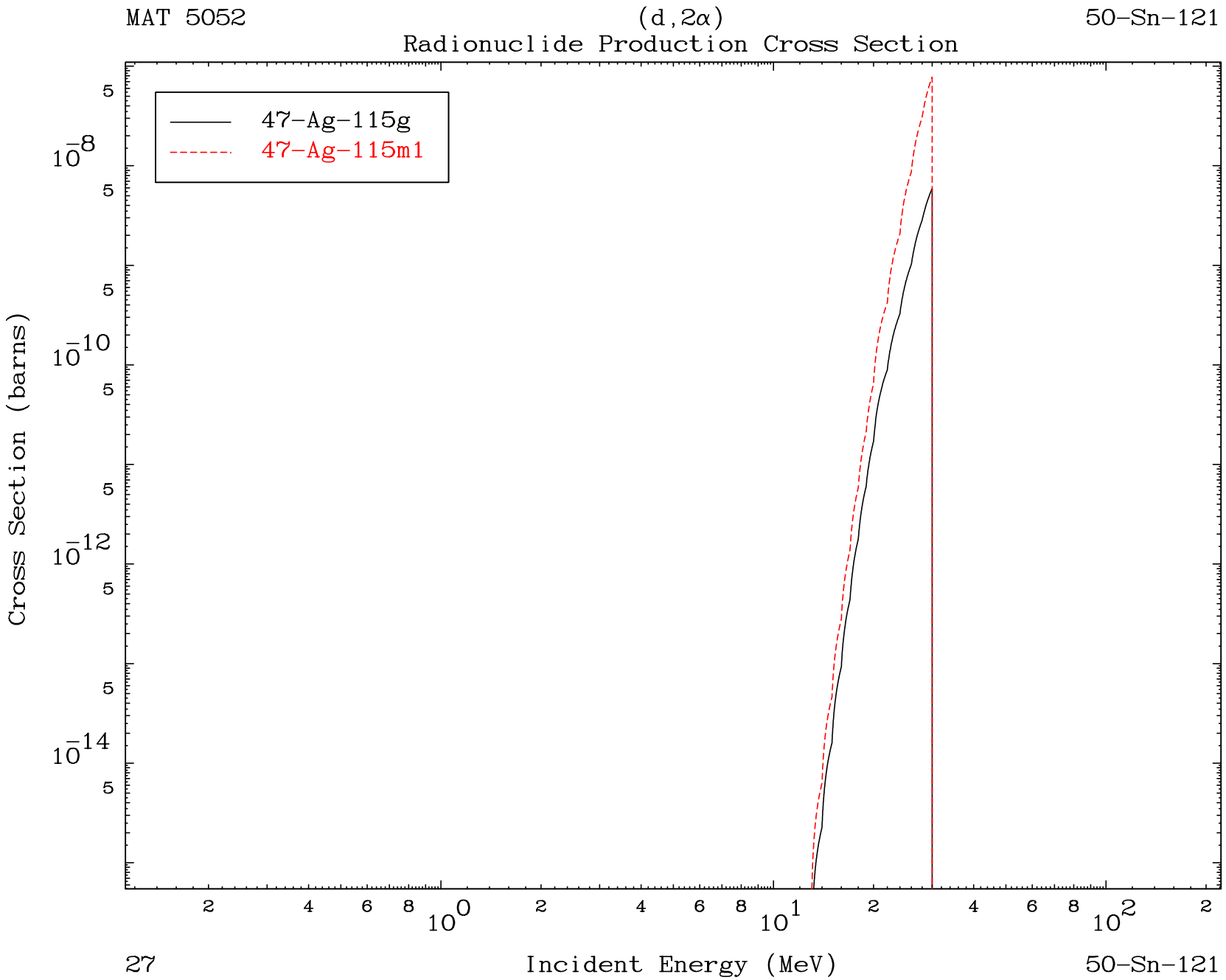

MAT 5052
(d,2n) p
50-Sn-121
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
22
50-Sn-121

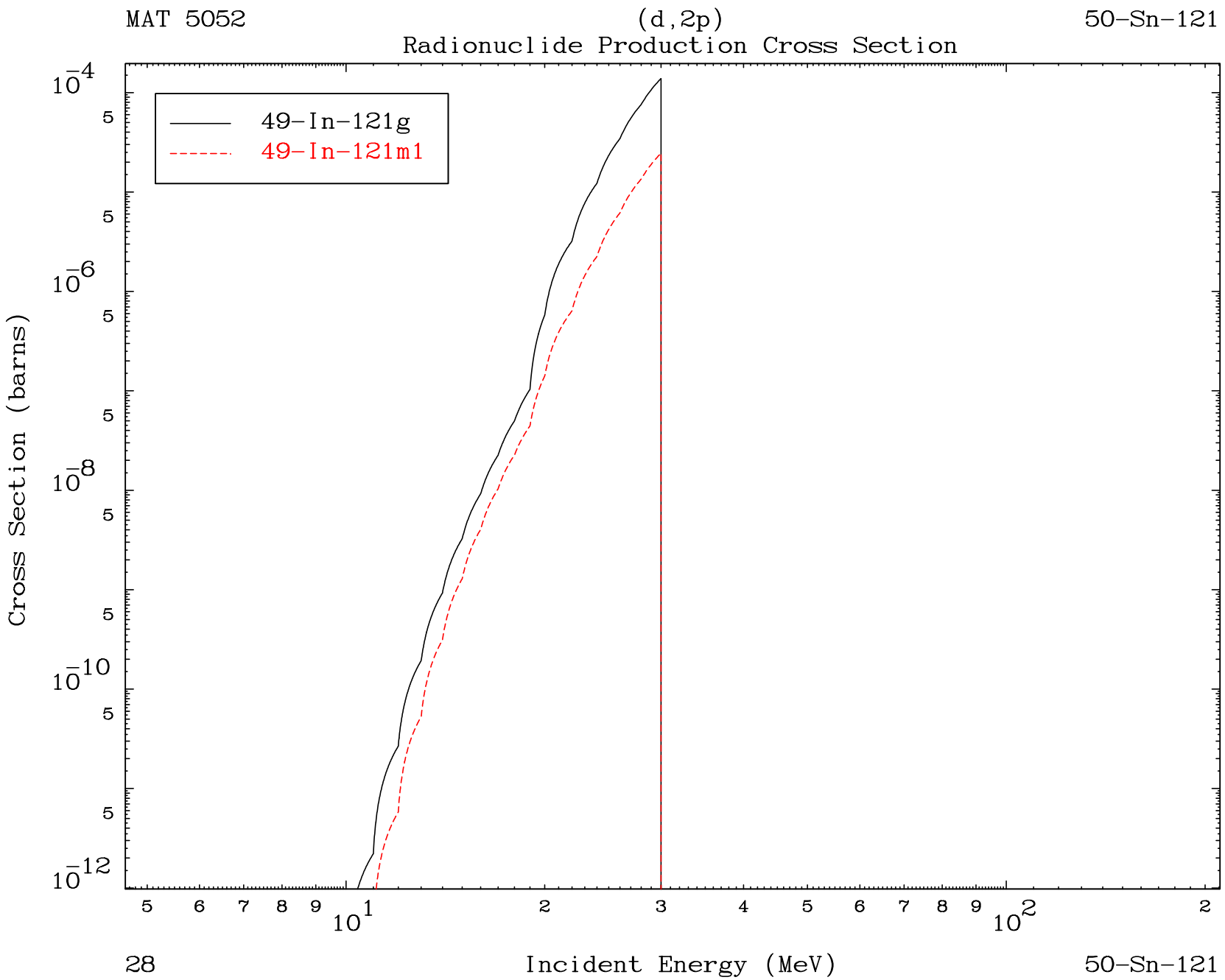

MAT 5052
(d,n') p α
50-Sn-121
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
23
Incident Energy (MeV)
50-Sn-121

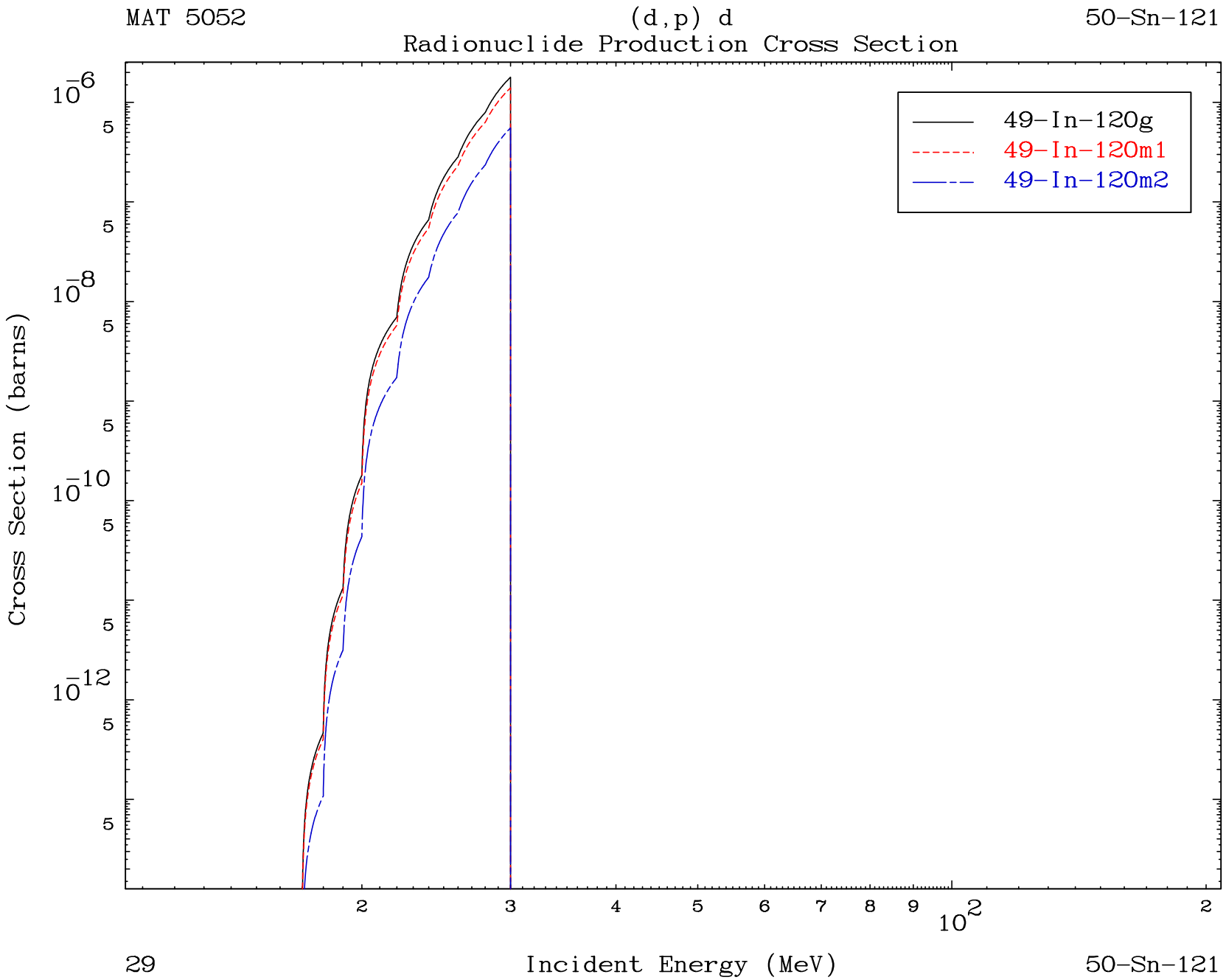

MAT 5052
(d,d)
50-Sn-121
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
24
50-Sn-121

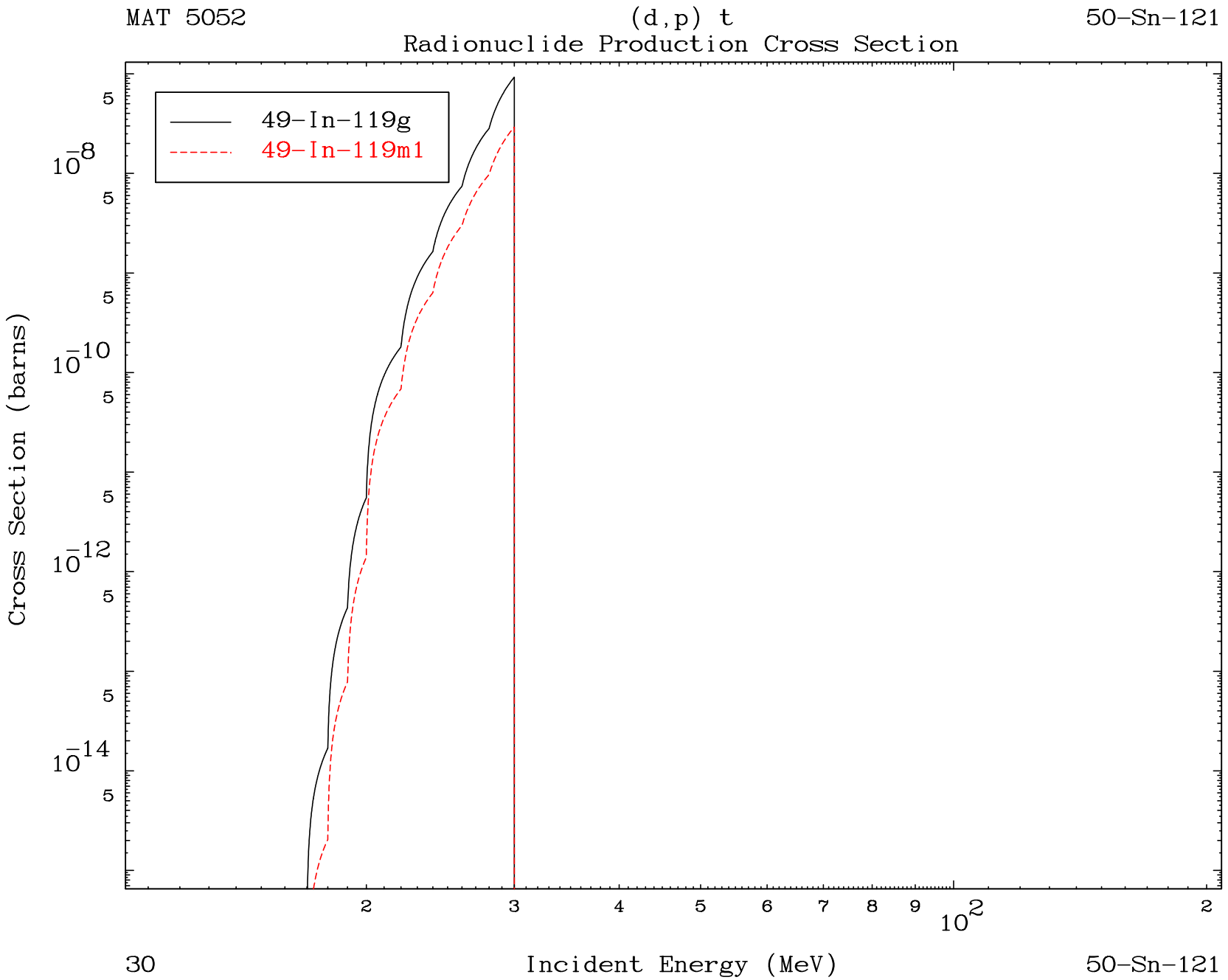

MAT 5052
(d,He-3)
50-Sn-121
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
25
50-Sn-121

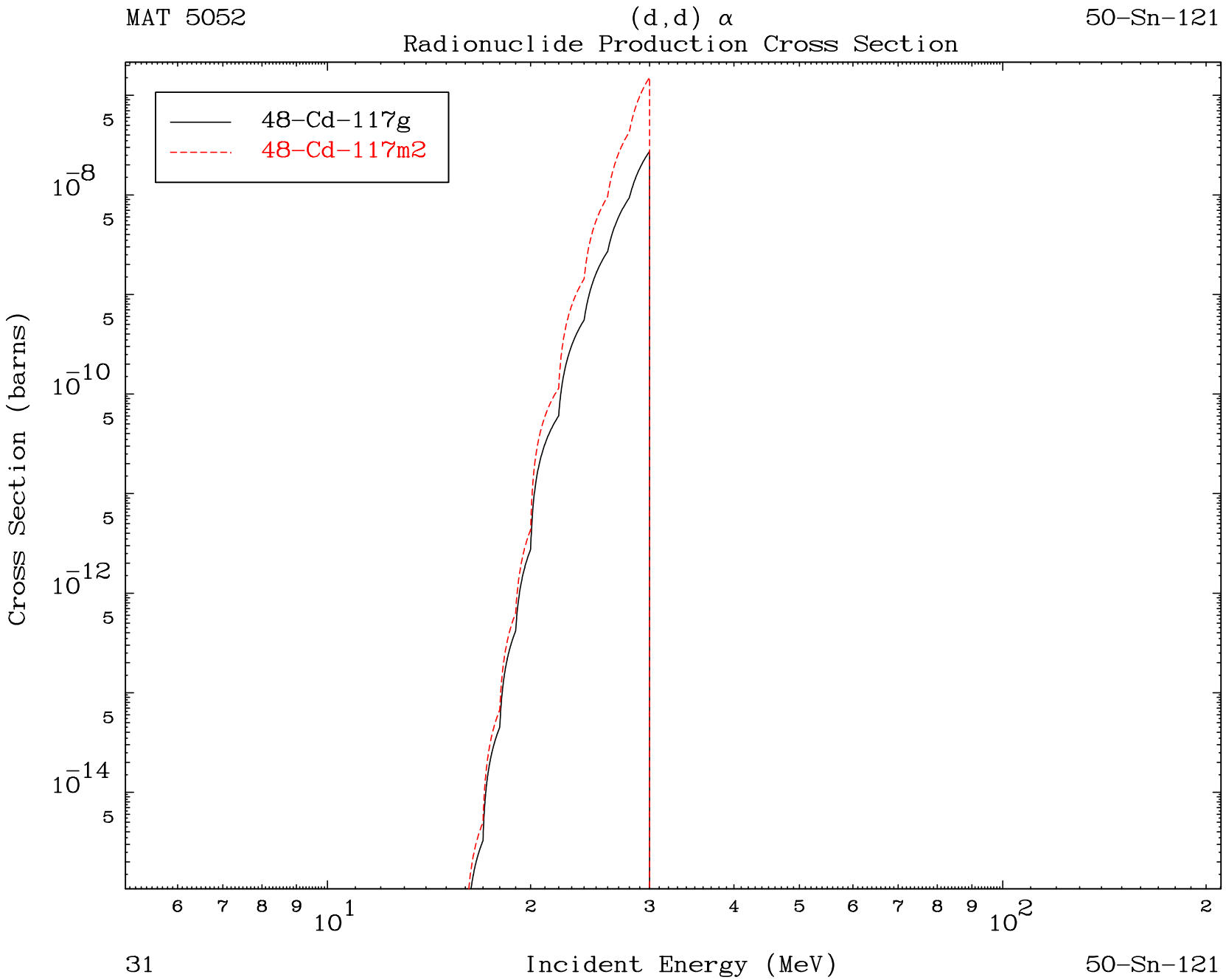

MAT 5052
(d,α)
50-Sn-121
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
26
Incident Energy (MeV)
50-Sn-121


MAT 5052
(d,2α)
50-Sn-121
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
Incident Energy (MeV)
27
50-Sn-121


MAT 5052
(d,2p)
50-Sn-121
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
28
50-Sn-121


MAT 5052
(d,p) d
50-Sn-121
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
29
Incident Energy (MeV)
50-Sn-121


MAT 5052
(d,p) t
50-Sn-121
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
30
Incident Energy (MeV)
50-Sn-121


MAT 5052
(d,d) α
50-Sn-121
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
Incident Energy (MeV)
31
50-Sn-121