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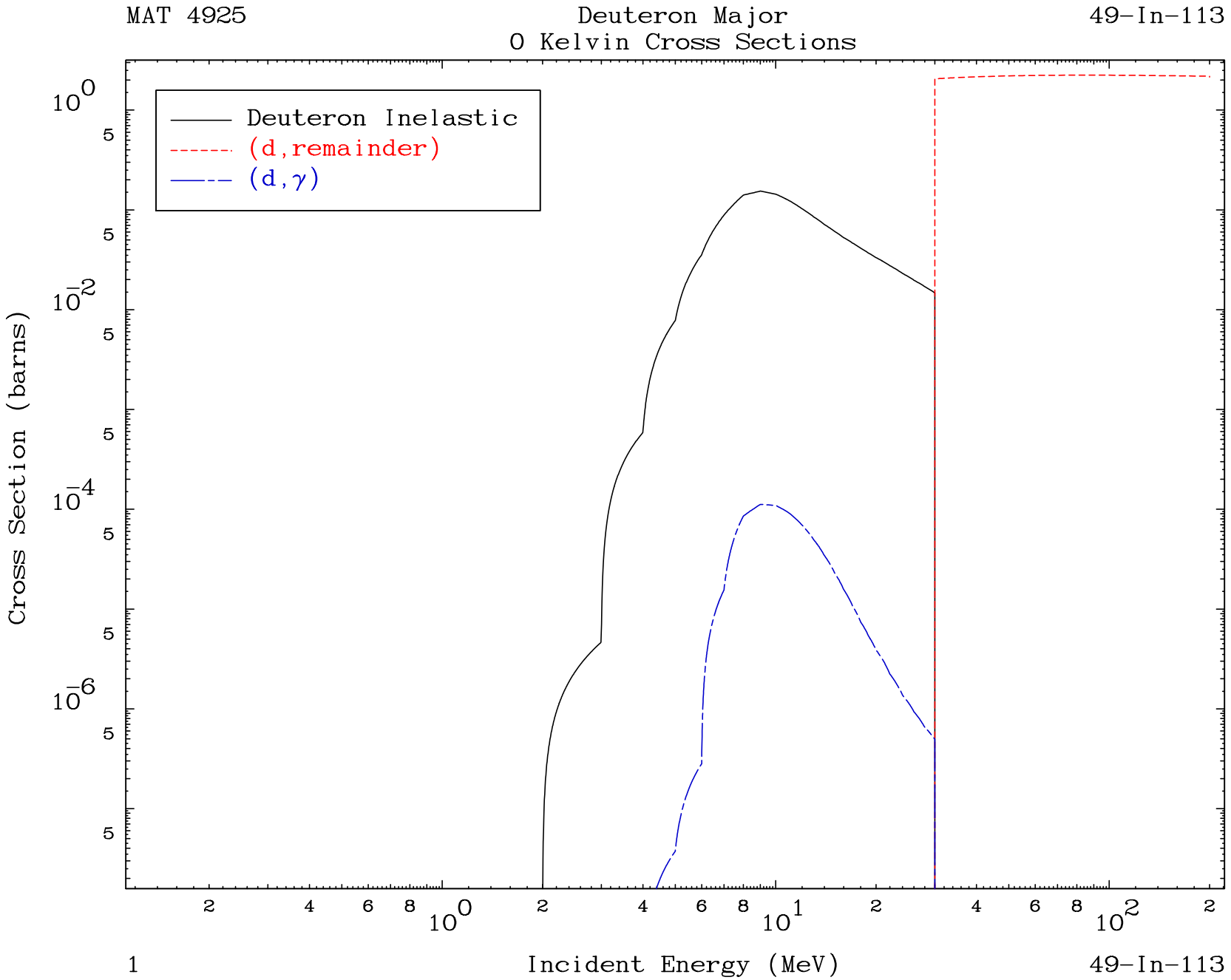
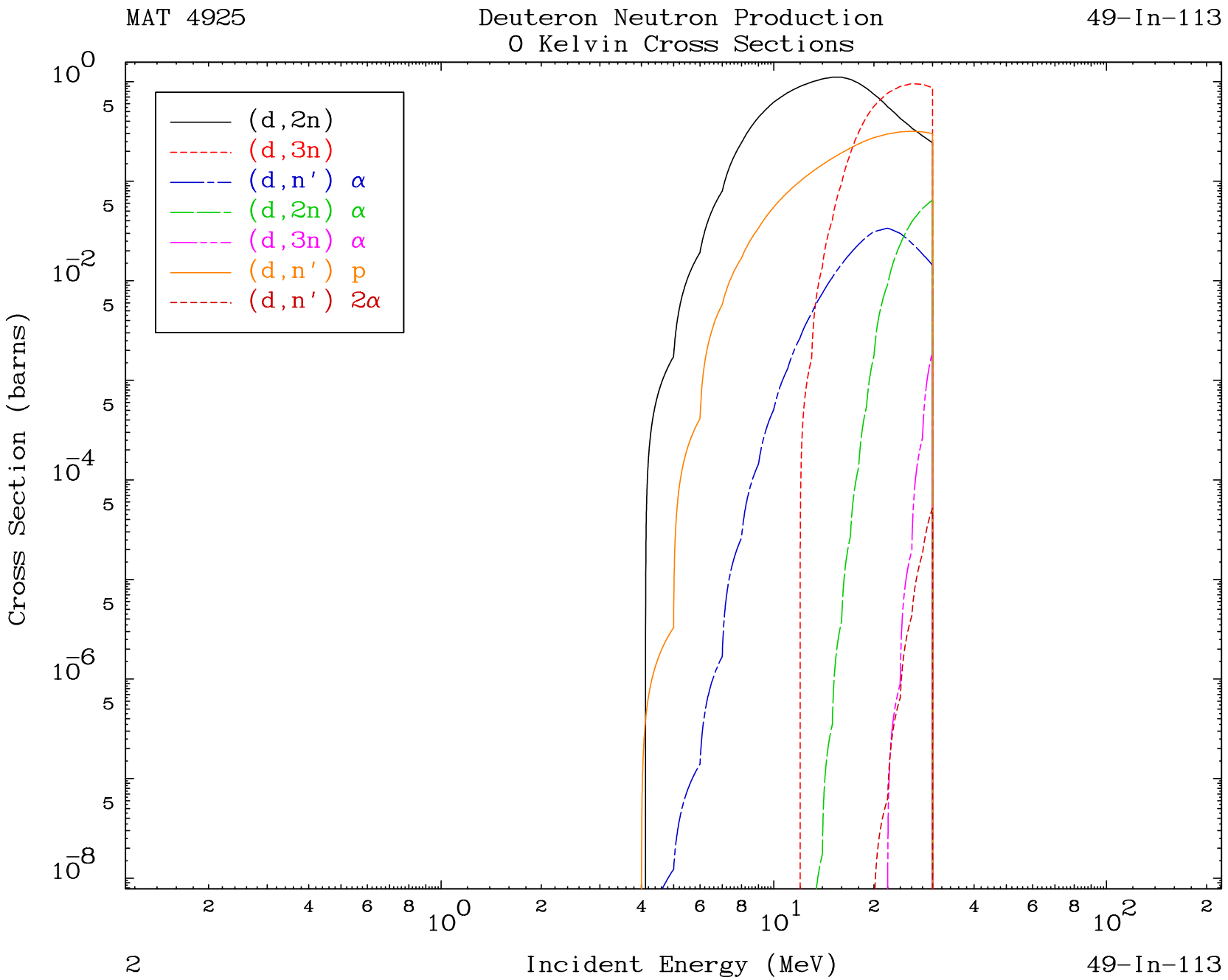
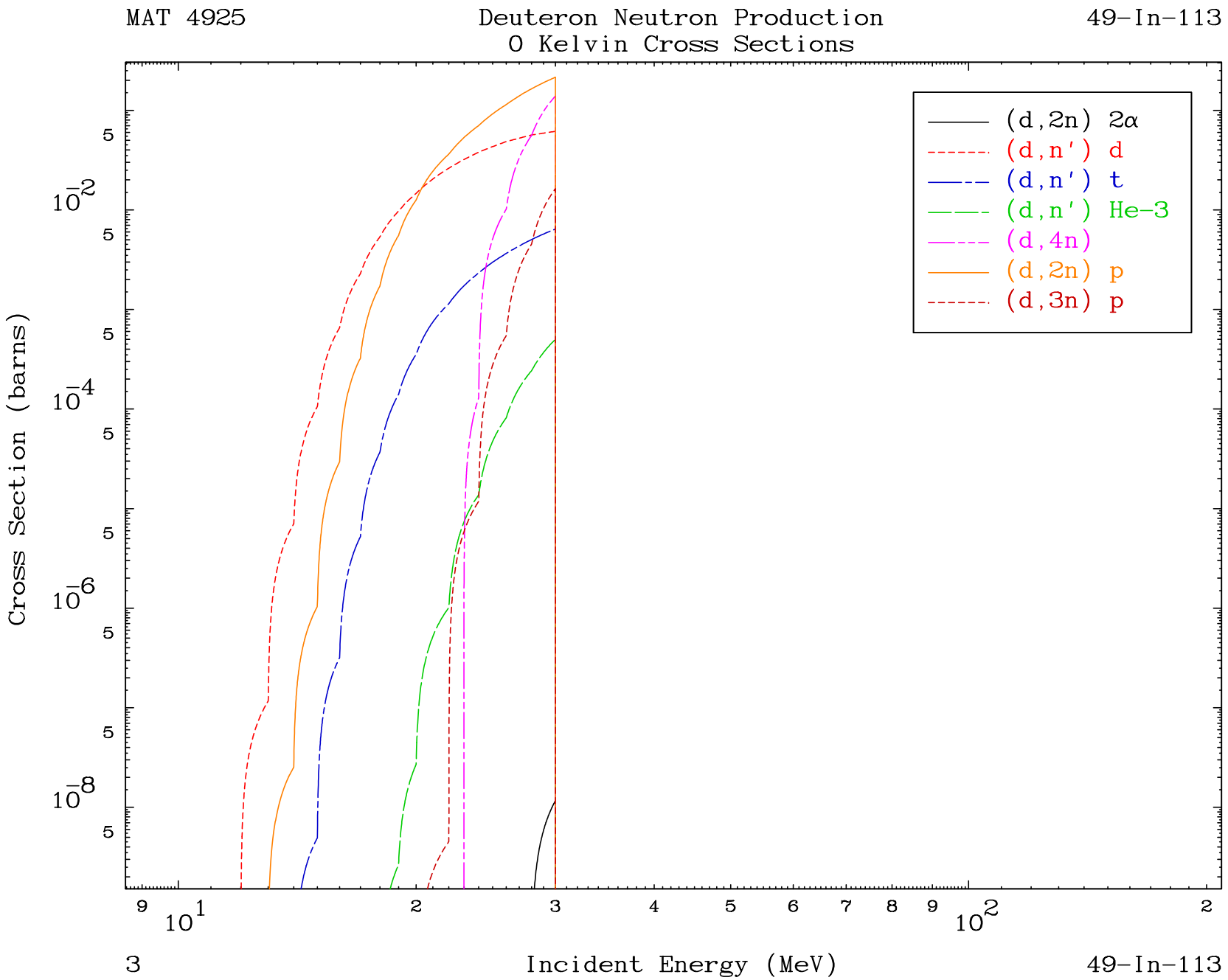
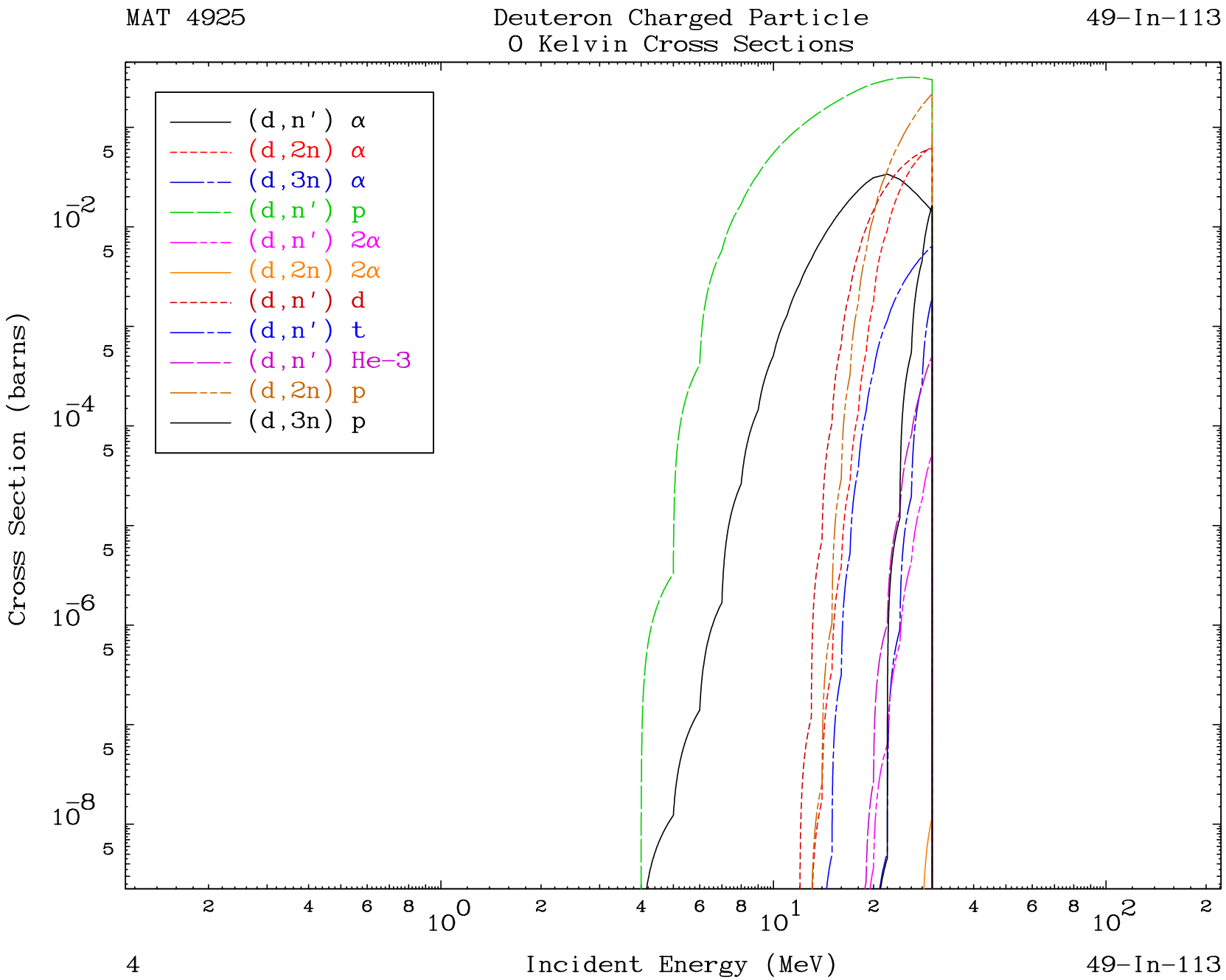
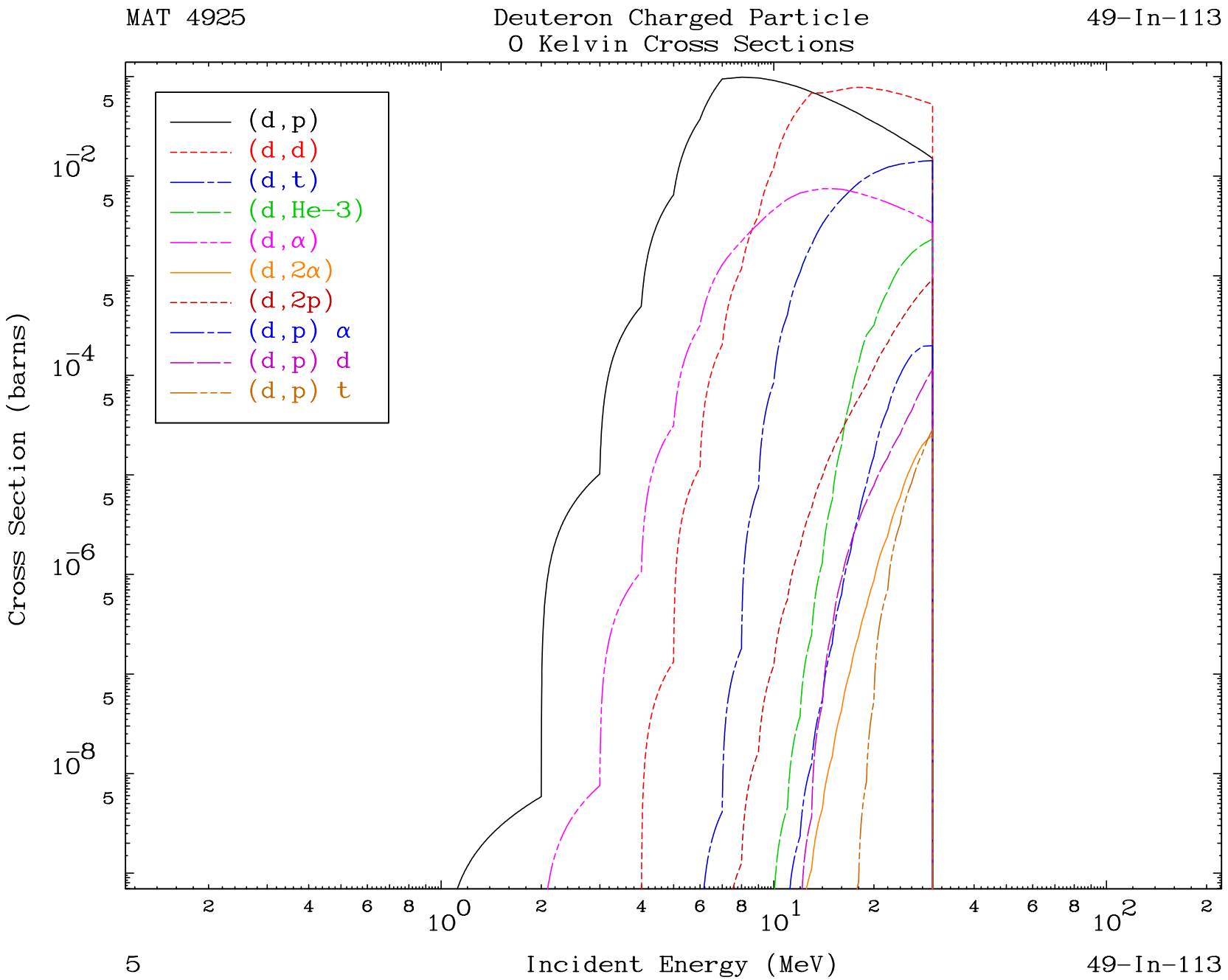
Press Mouse Button to Start

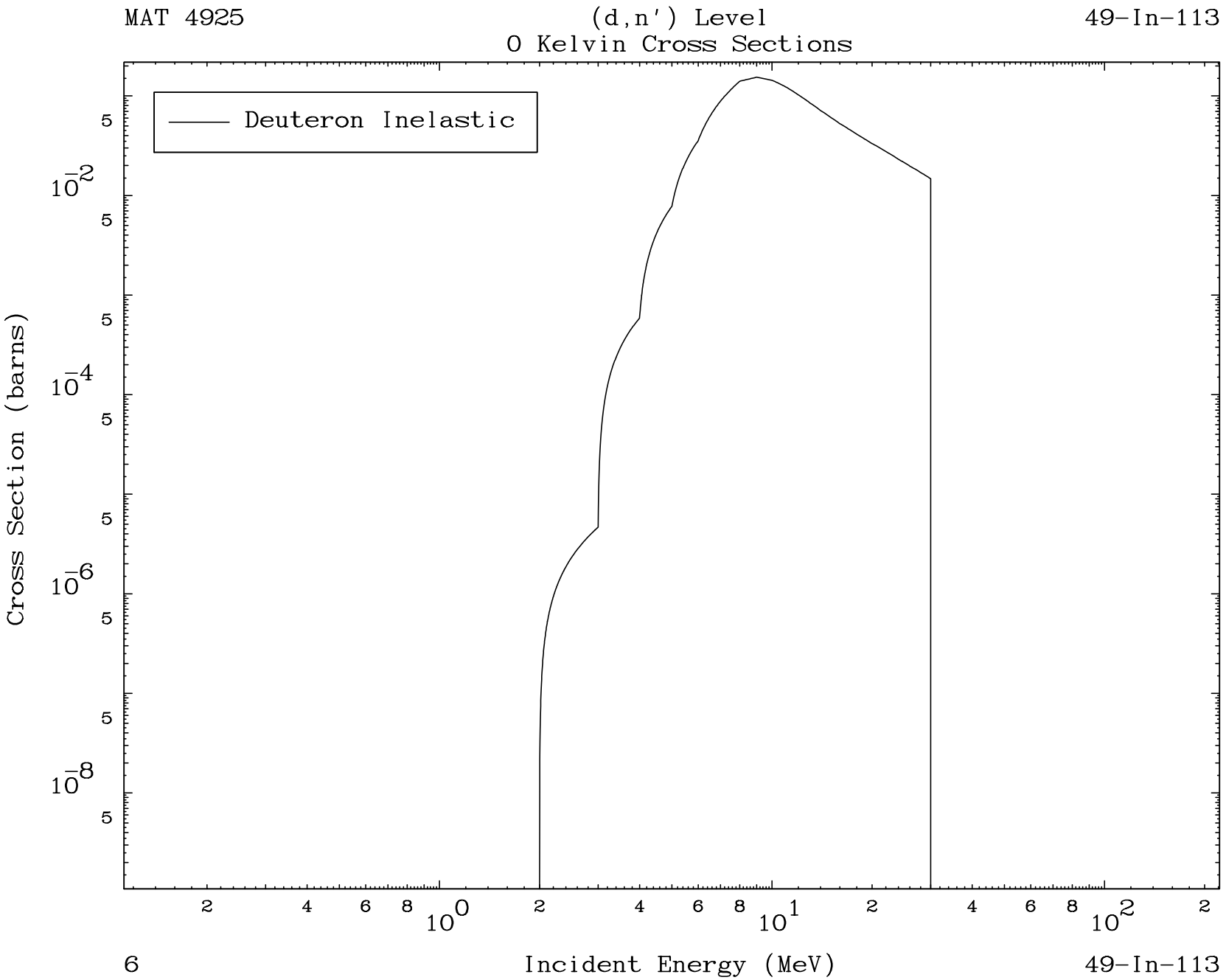

MAT 4925
Deuteron Major
49-In-113
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
1
49-In-113

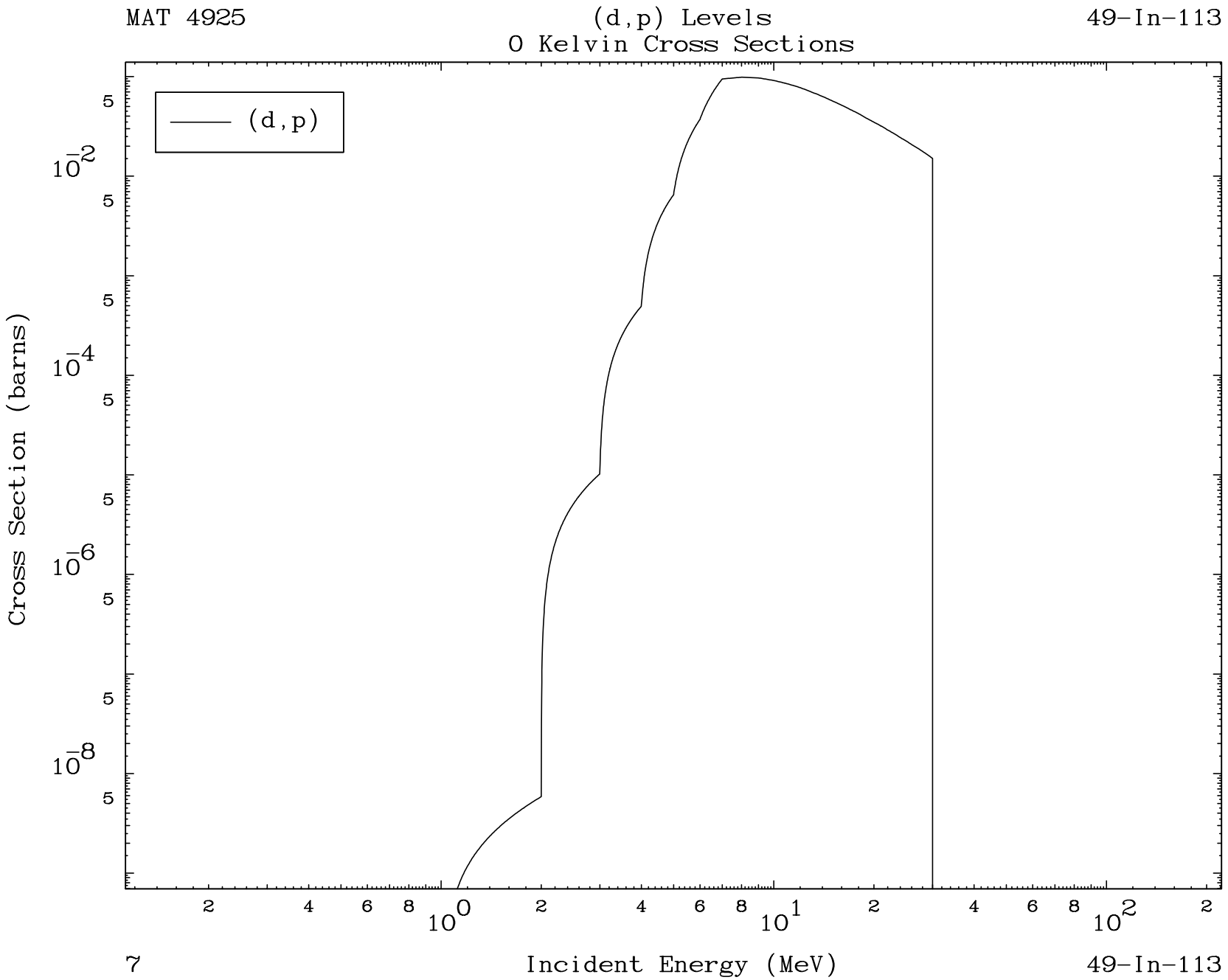

MAT 4925
Deuteron Neutron Production
0 Kelvin Cross Sections
49-In-113
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
49-In-113

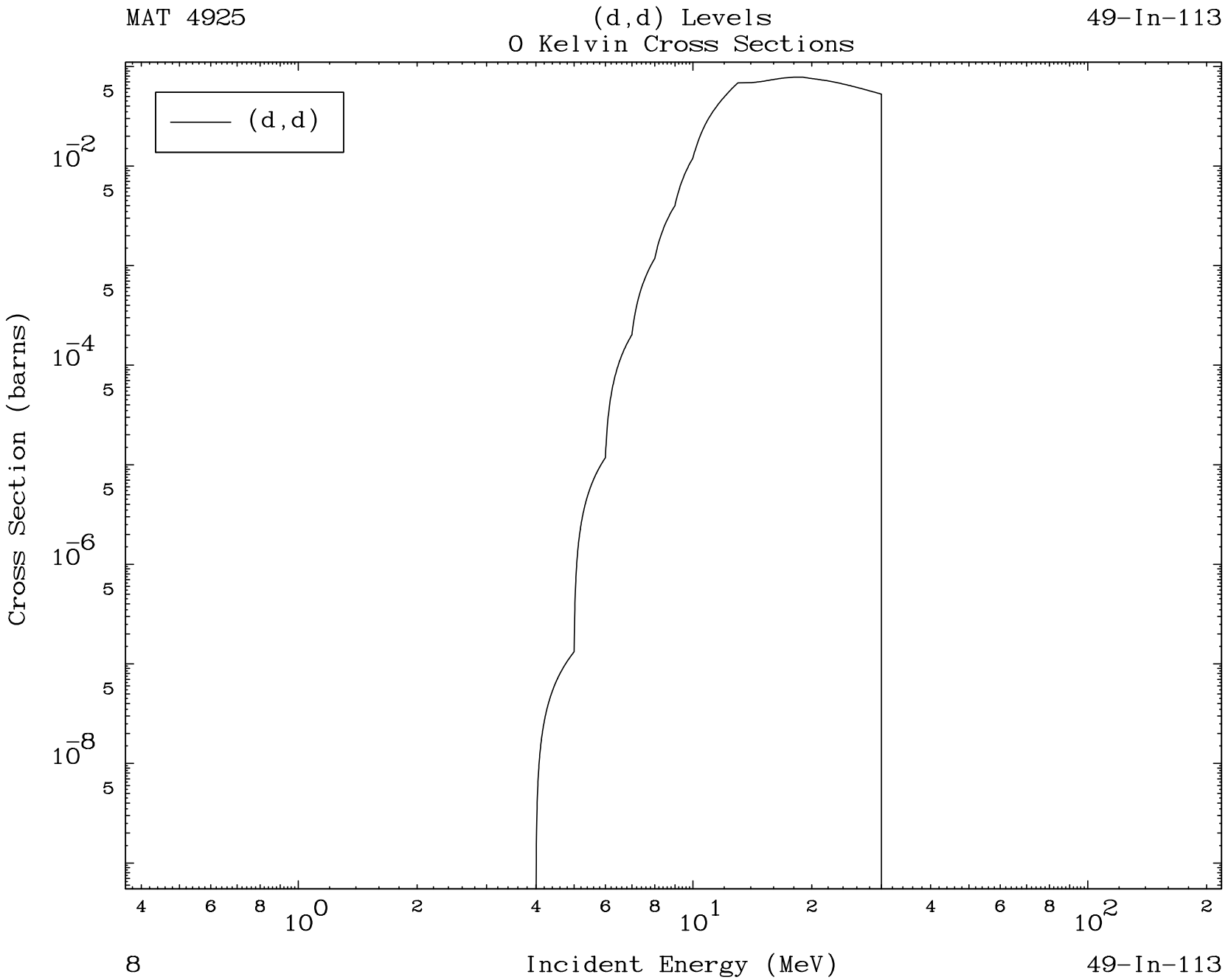

MAT 4925
Deuteron Neutron Production
0 Kelvin Cross Sections
49-In-113
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
49-In-113

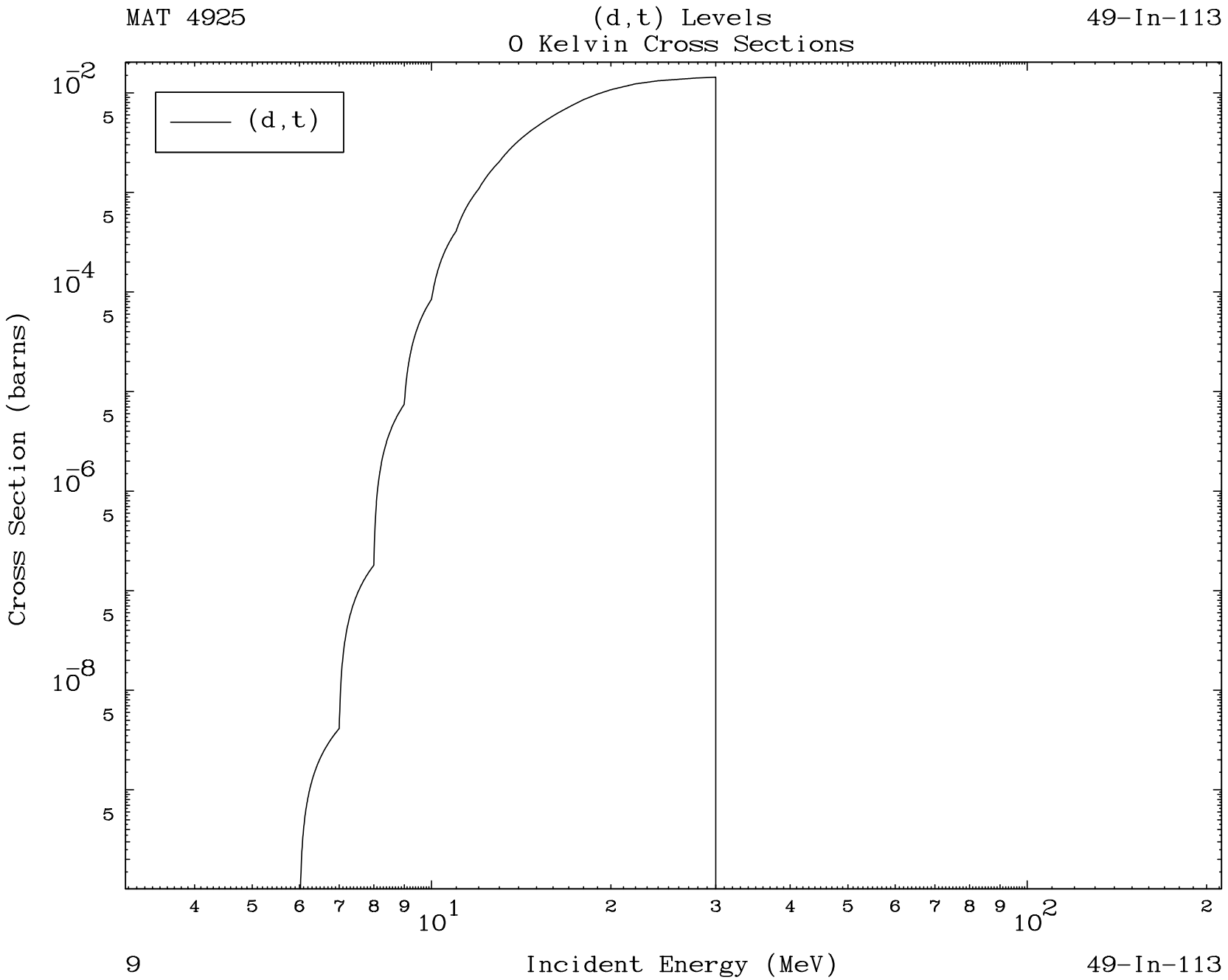

MAT 4925
Deuteron Charged Particle
0 Kelvin Cross Sections
49-In-113
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
49-In-113

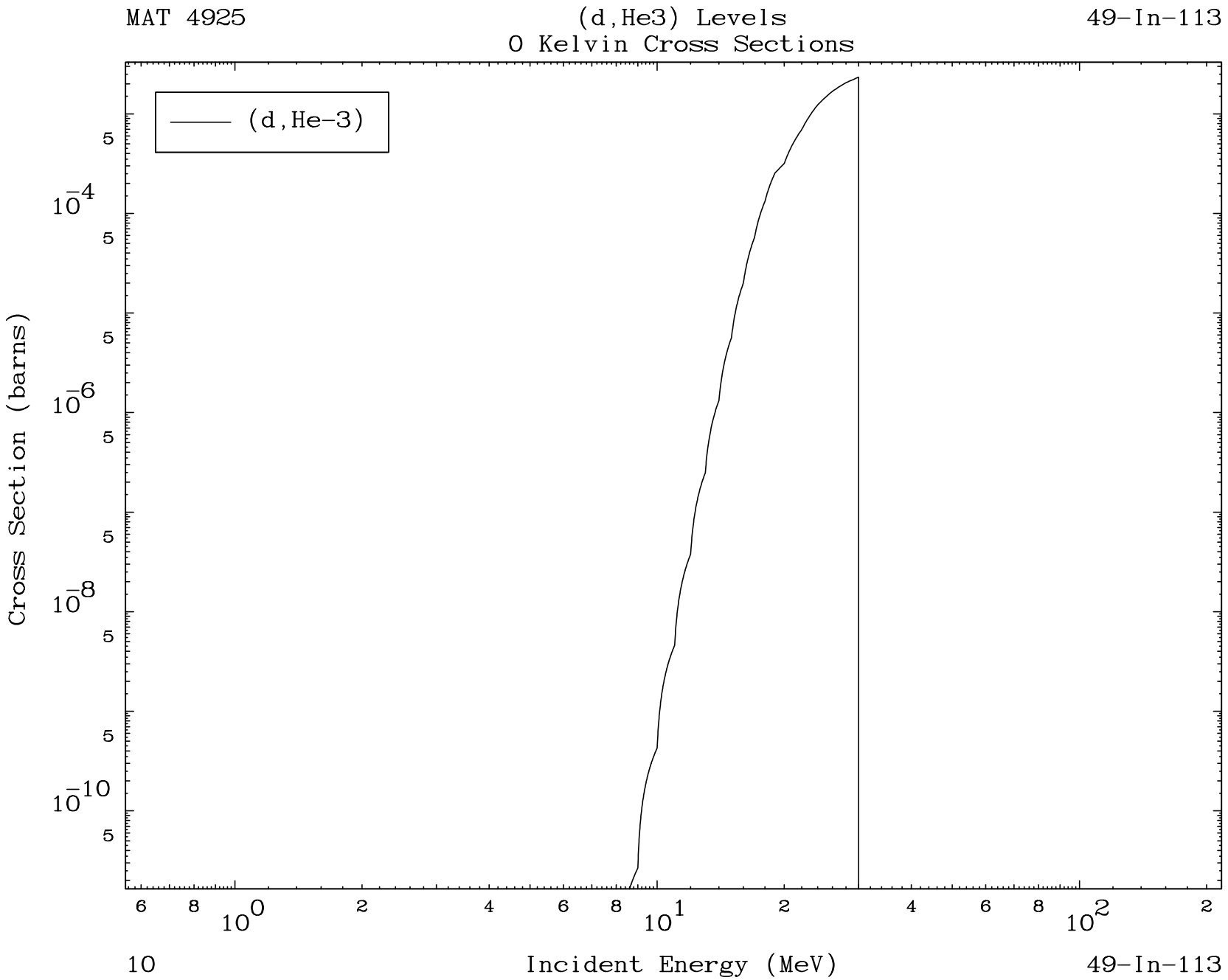

MAT 4925
Deuteron Charged Particle
0 Kelvin Cross Sections
49-In-113
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
5
49-In-113

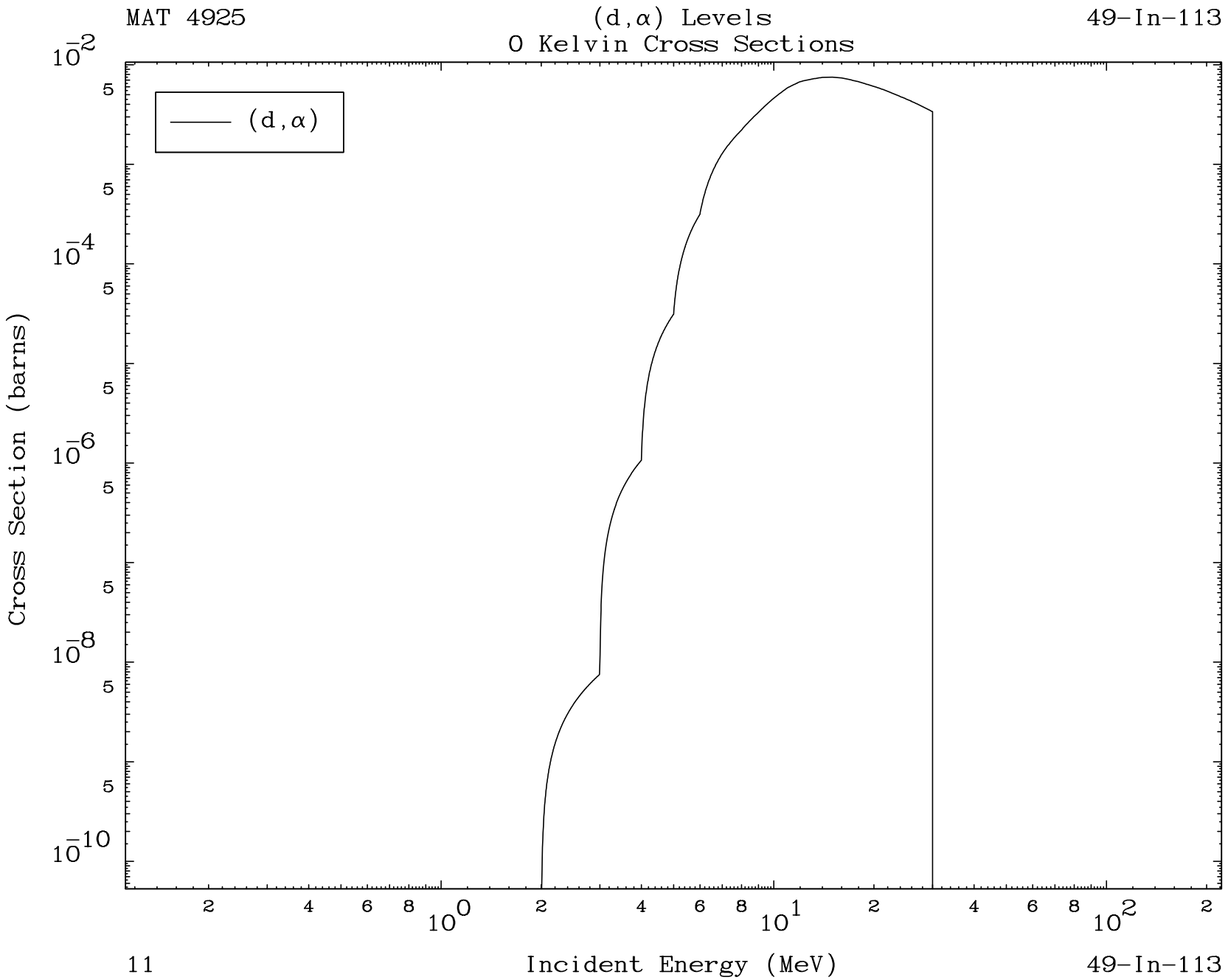

MAT 4925
(d,n') Level
49-In-113
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
49-In-113

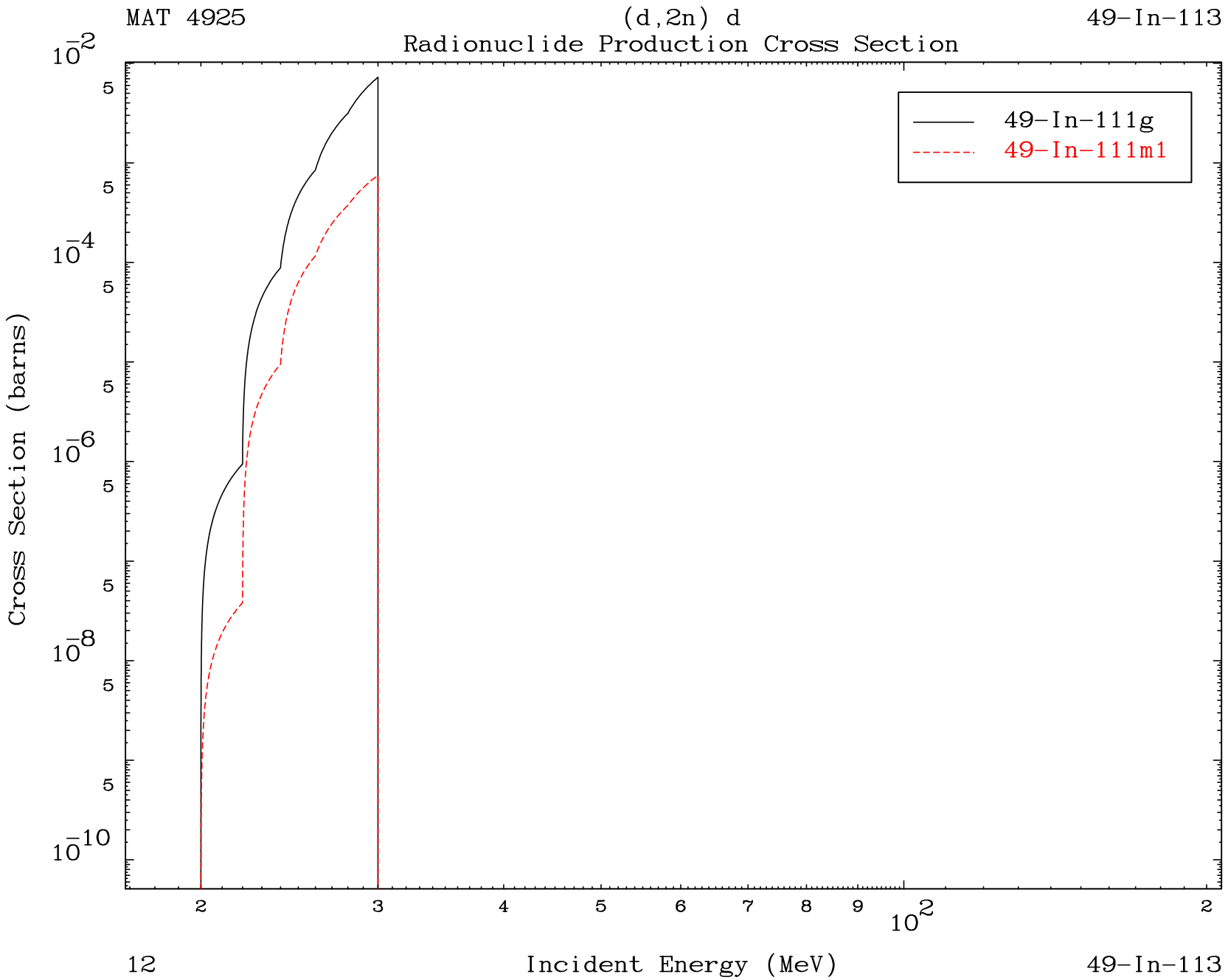

MAT 4925
(d,p) Levels
49-In-113
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-113

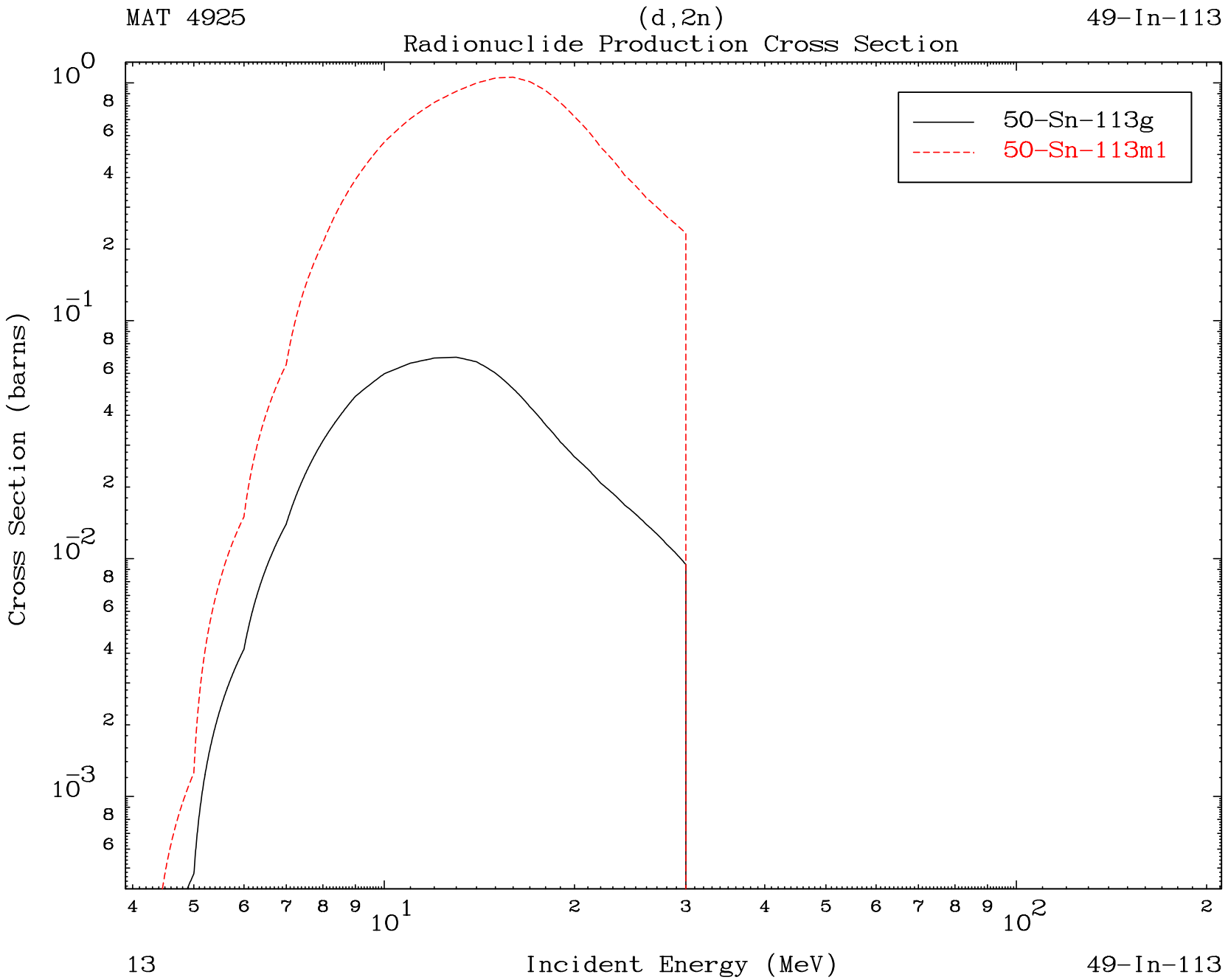

MAT 4925
(d,d) Levels
49-In-113
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-113

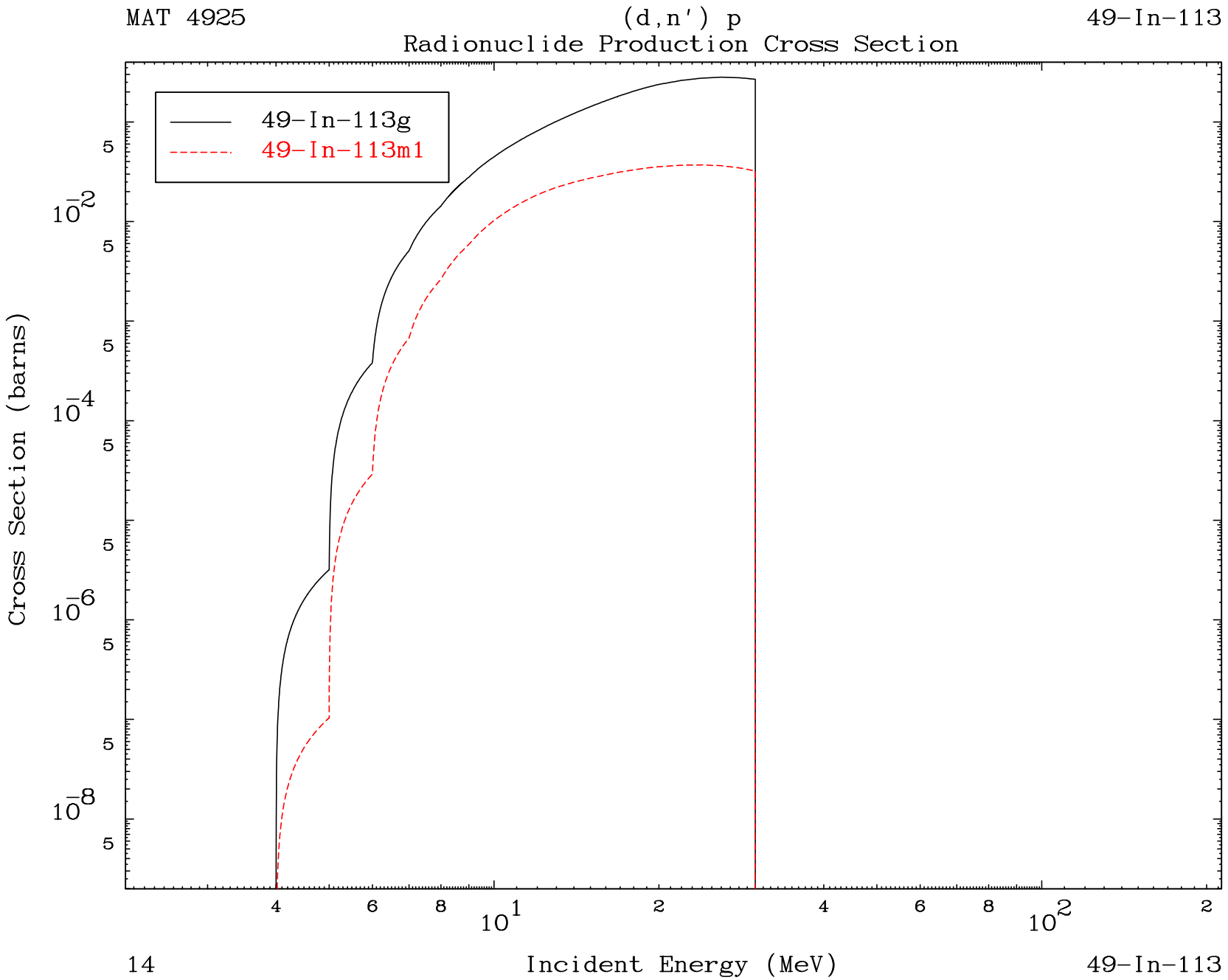

MAT 4925
(d,t) Levels
49-In-113
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-113

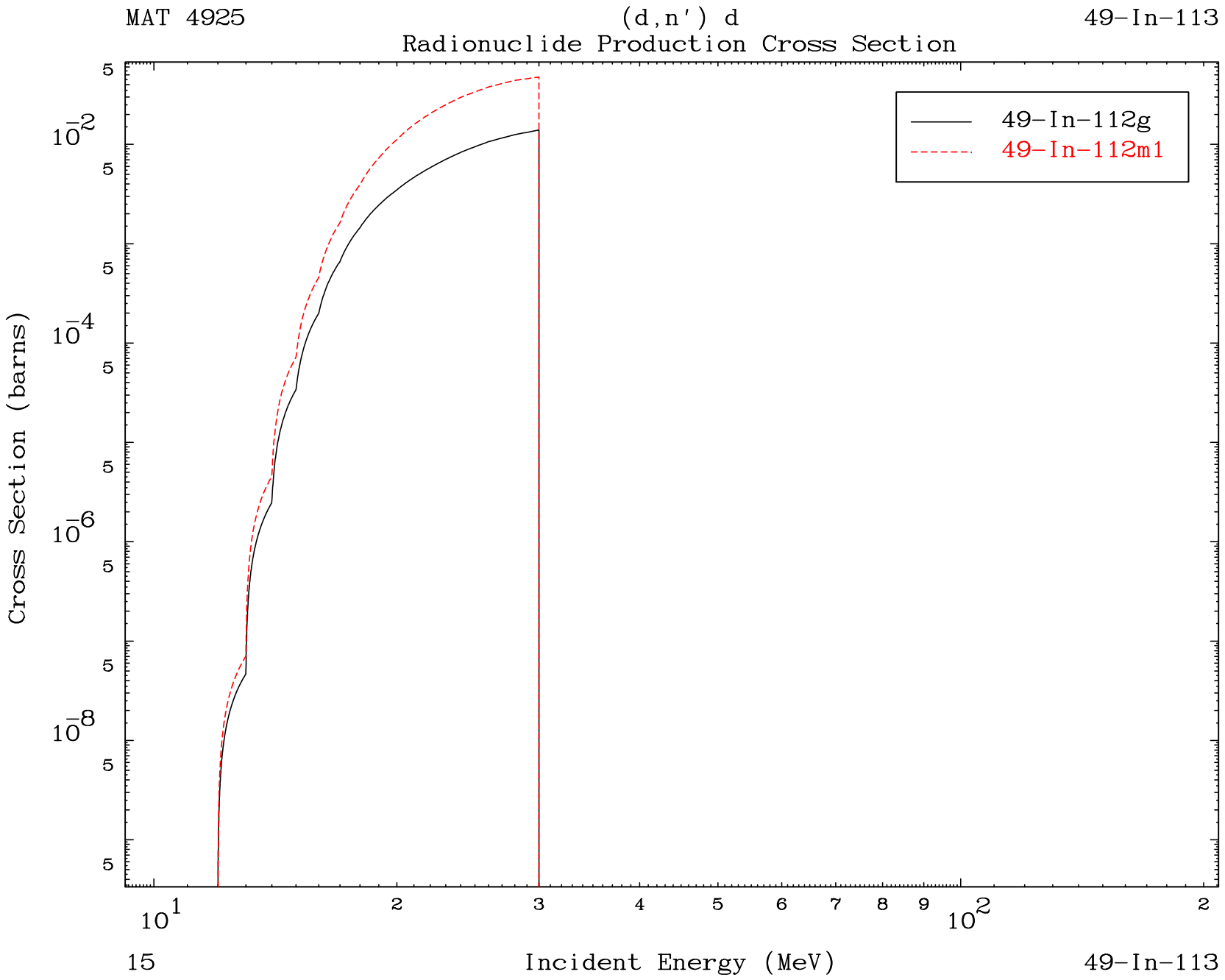

MAT 4925
(d,He3) Levels
0 Kelvin Cross Sections
49-In-113
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
49-In-113

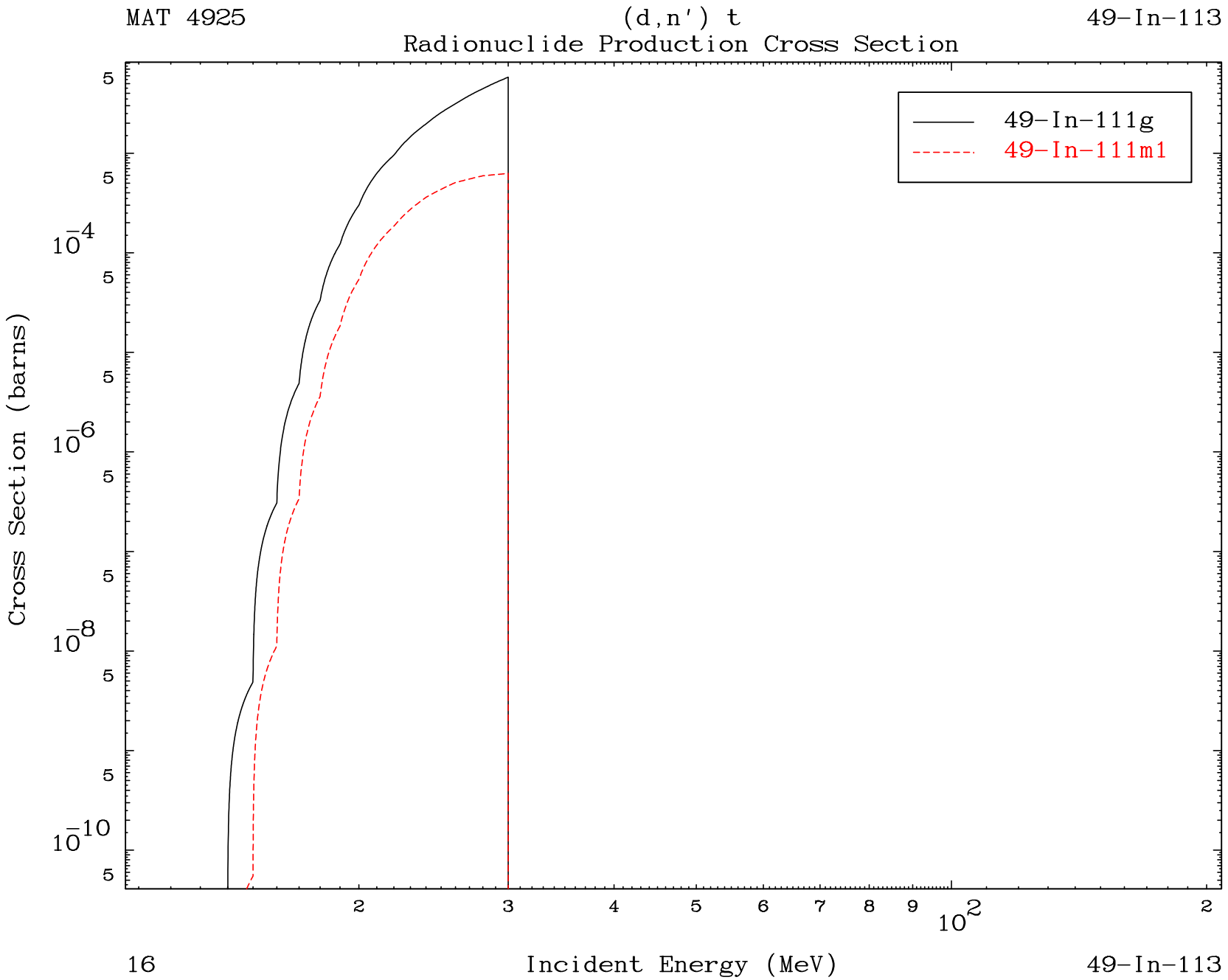

MAT 4925
(d,α) Levels
49-In-113
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
49-In-113

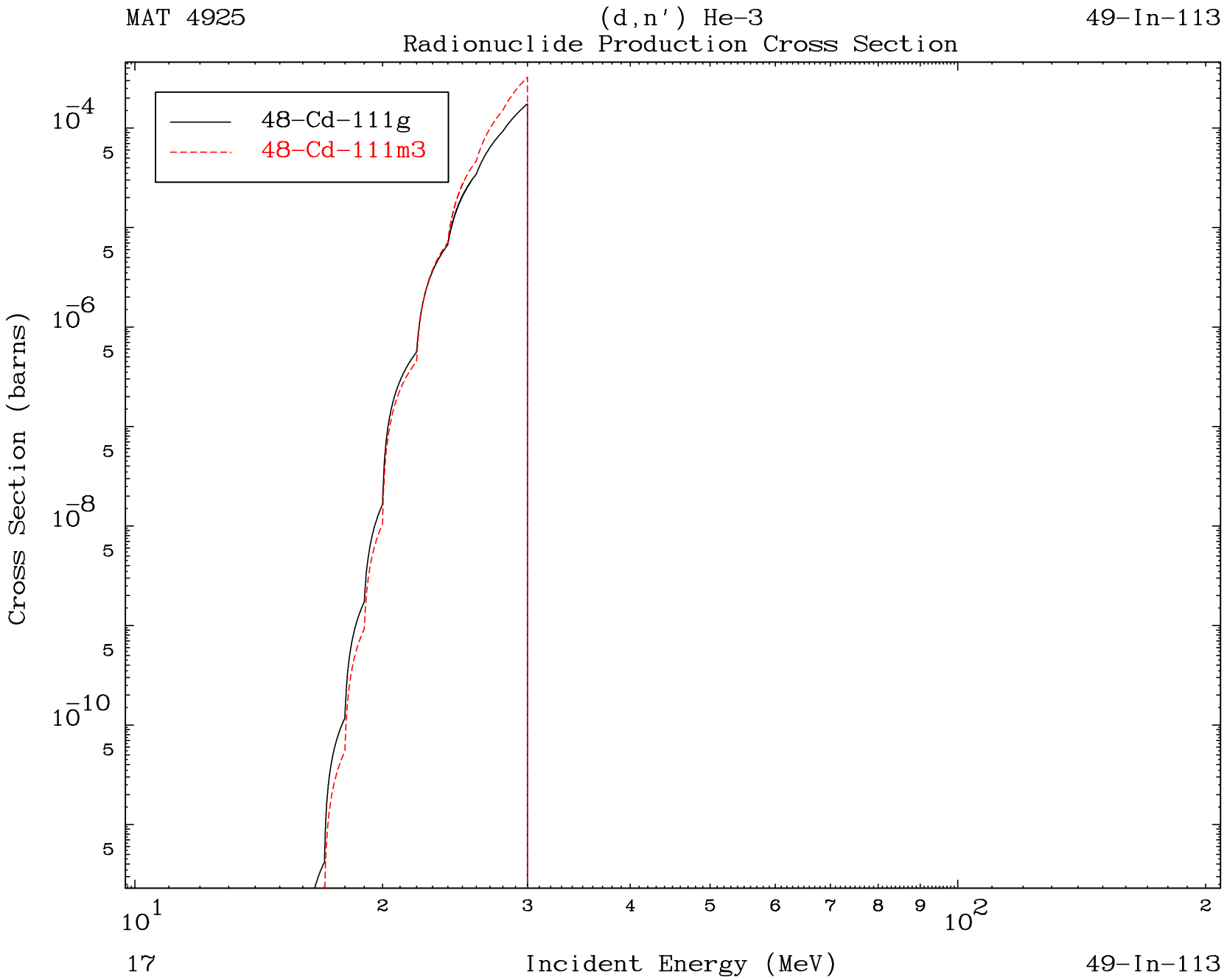

MAT 4925
(d,2n) d
49-In-113
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
Incident Energy (MeV)
12
49-In-113

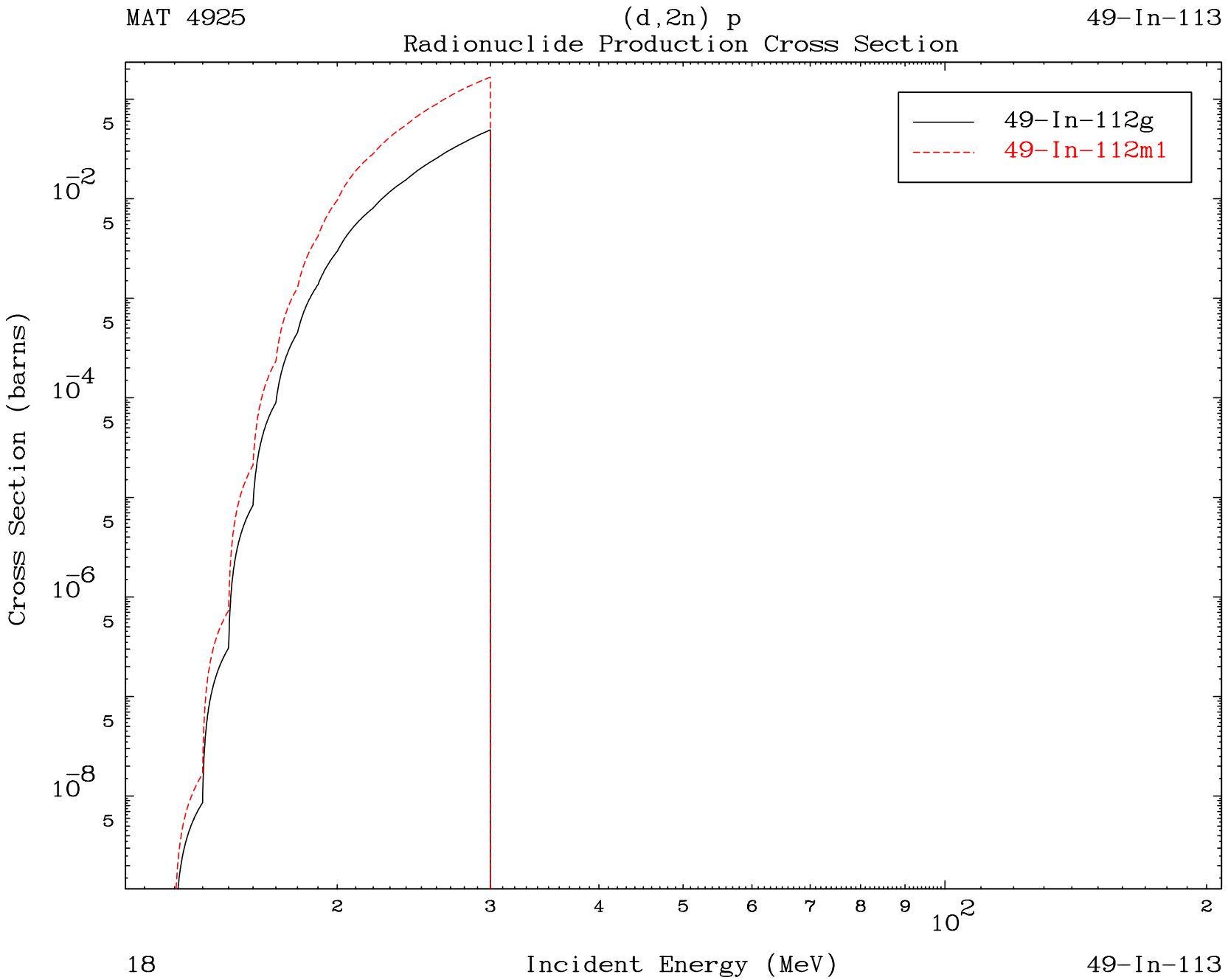

MAT 4925
(d,2n)
49-In-113
Radionuclide Production Cross Section
50-Sn-113g
50-Sn-113m1
Cross Section (barns)
Incident Energy (MeV)
13
49-In-113

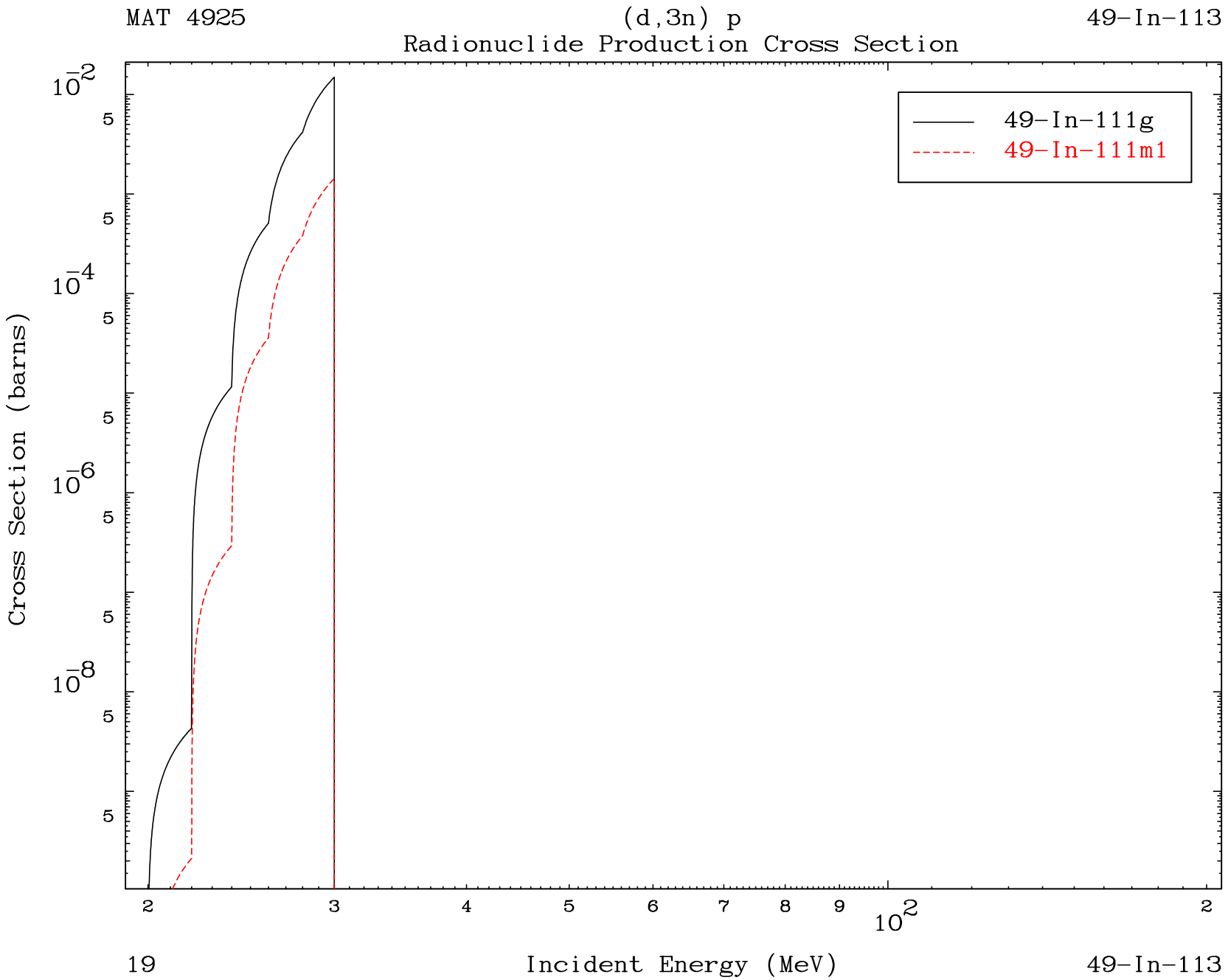

MAT 4925
(d,n') p
49-In-113
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
101
2
4
6
8
102
2
14
Incident Energy (MeV)
49-In-113

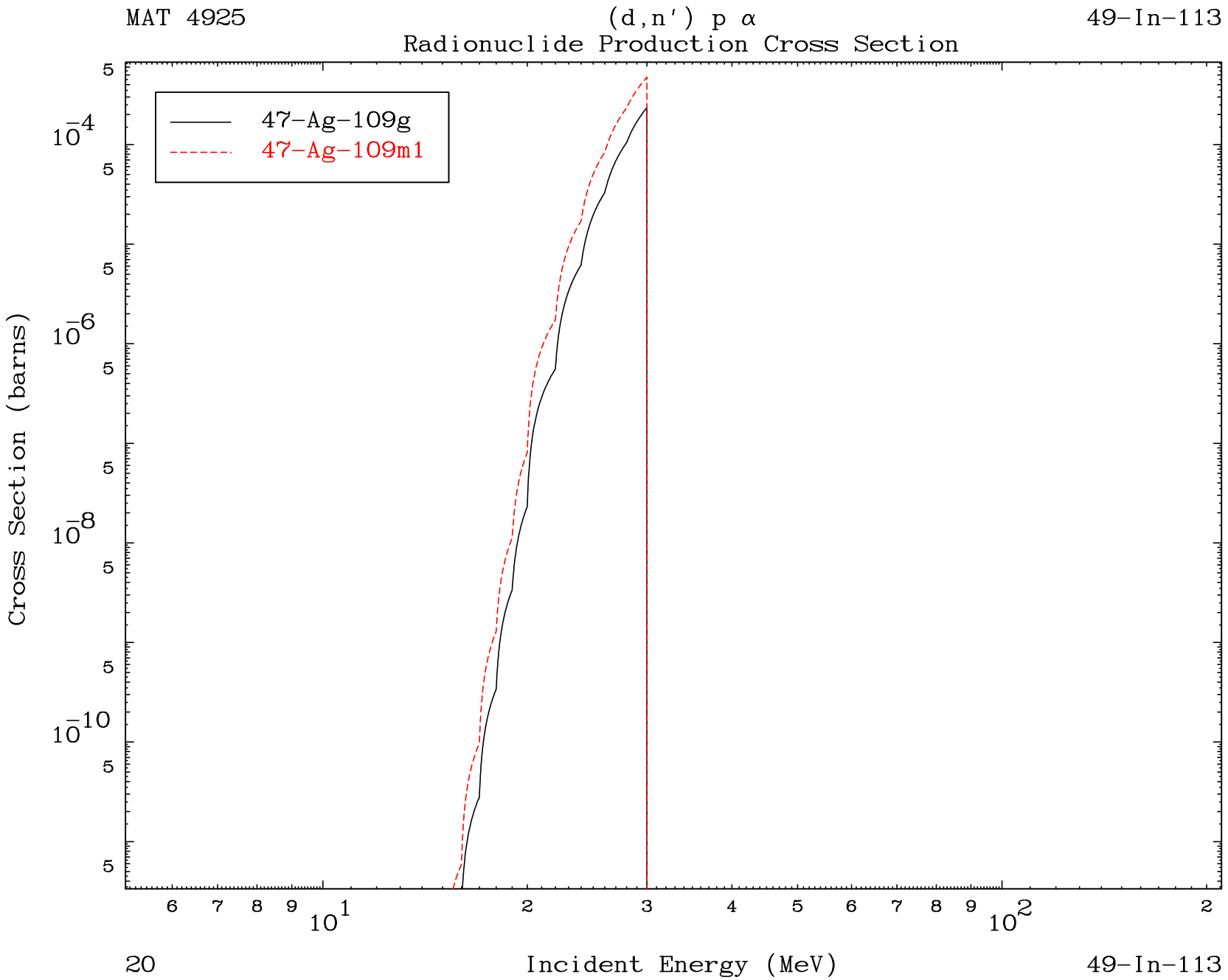

MAT 4925
(d,n') d
49-In-113
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
Incident Energy (MeV)
15
49-In-113

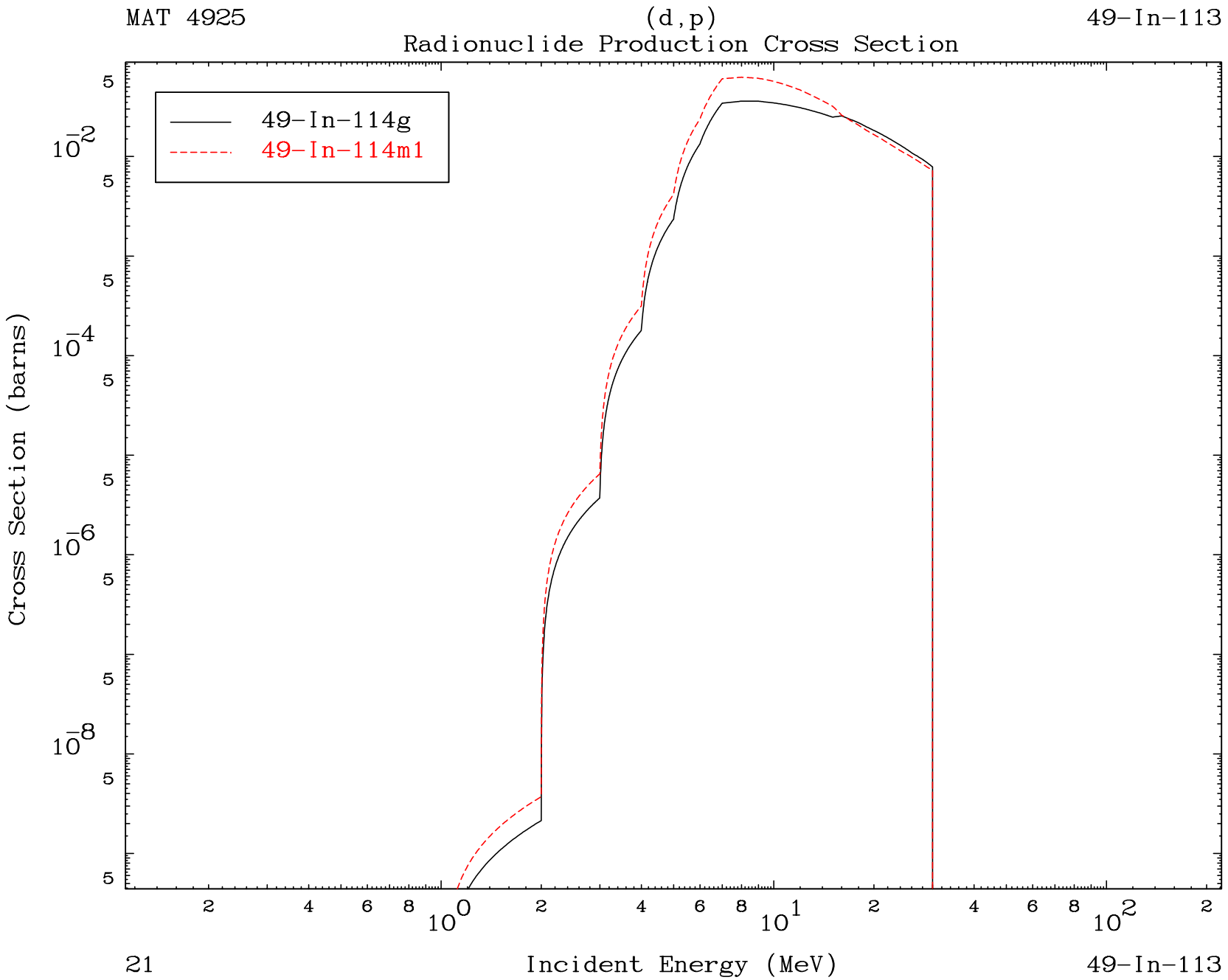

MAT 4925
(d,n') t
49-In-113
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
Incident Energy (MeV)
16
49-In-113

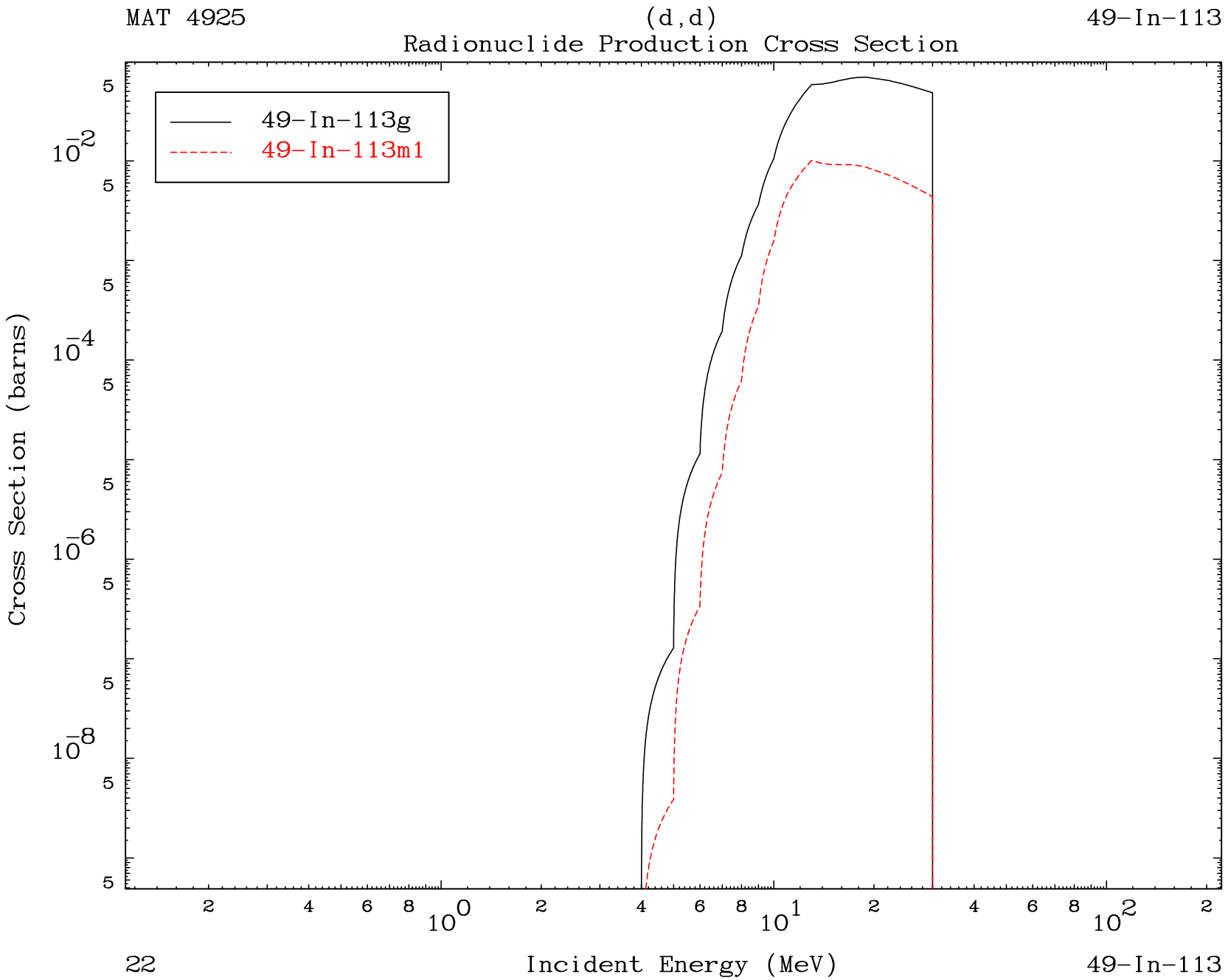

MAT 4925
(d,n') He-3
49-In-113
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
Incident Energy (MeV)
17
49-In-113

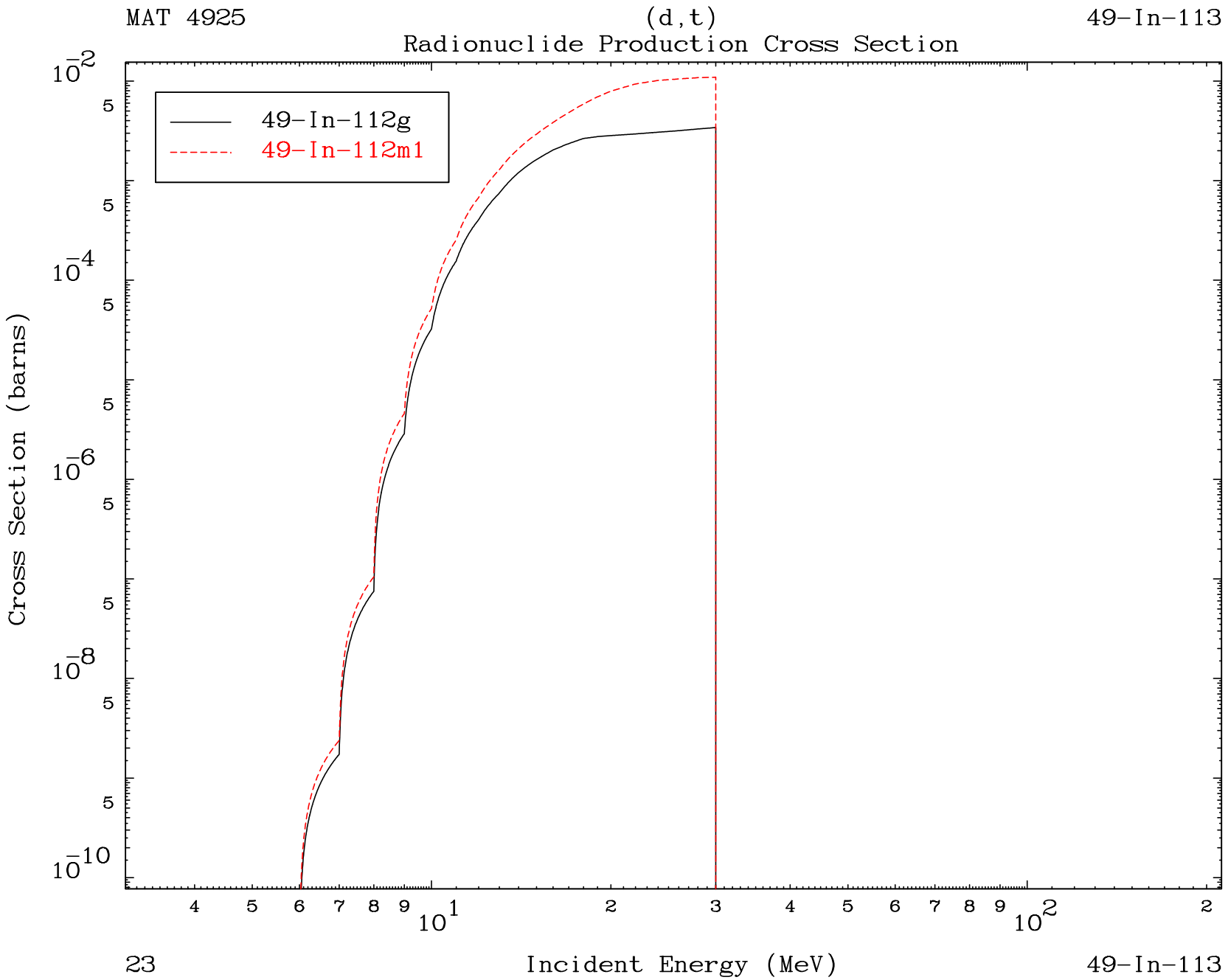

MAT 4925
(d,2n) p
49-In-113
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
49-In-113

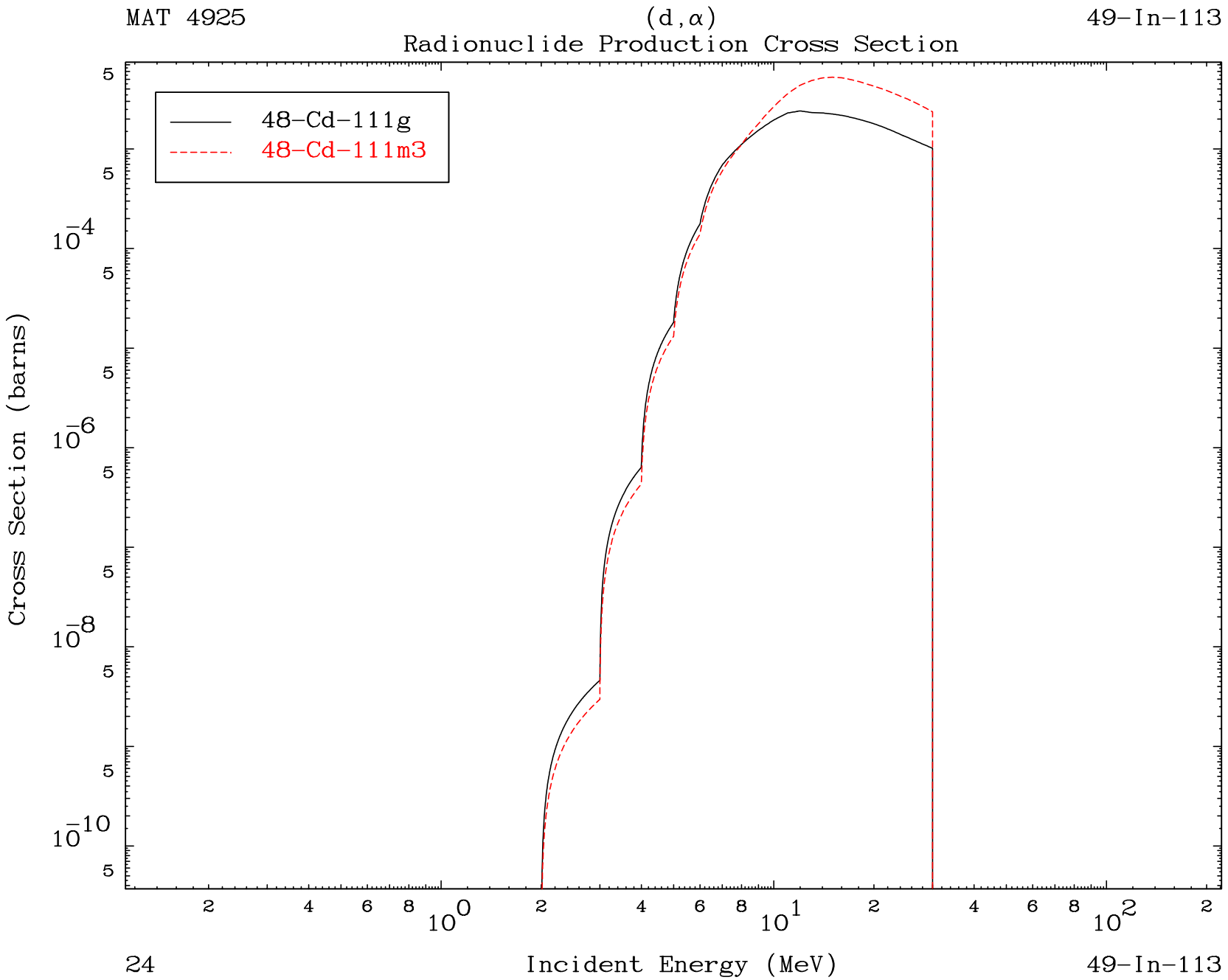

MAT 4925
(d,3n) p
49-In-113
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
49-In-113

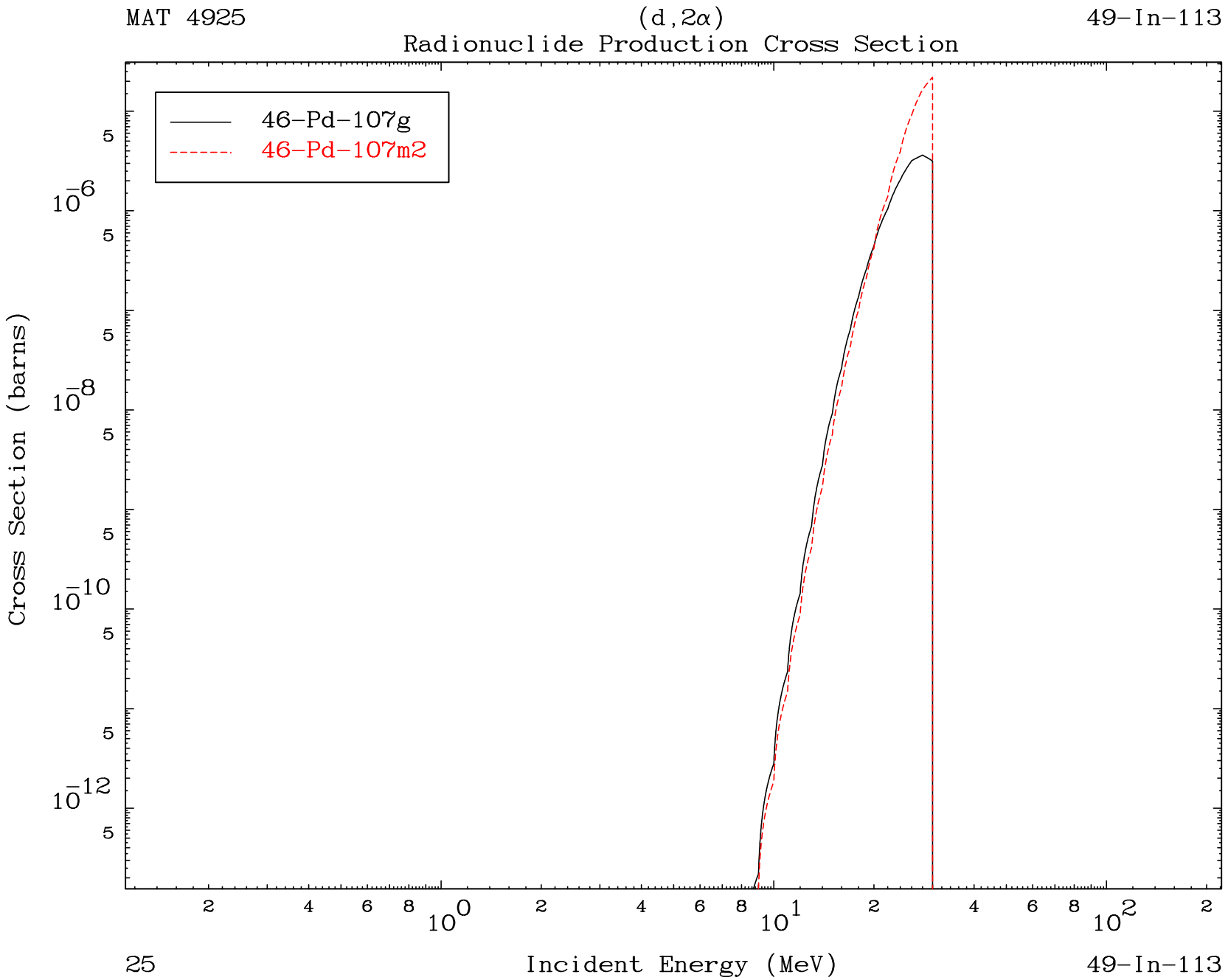

MAT 4925
(d,n') p α
49-In-113
Radionuclide Production Cross Section
47-Ag-109g
47-Ag-109m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
20
49-In-113

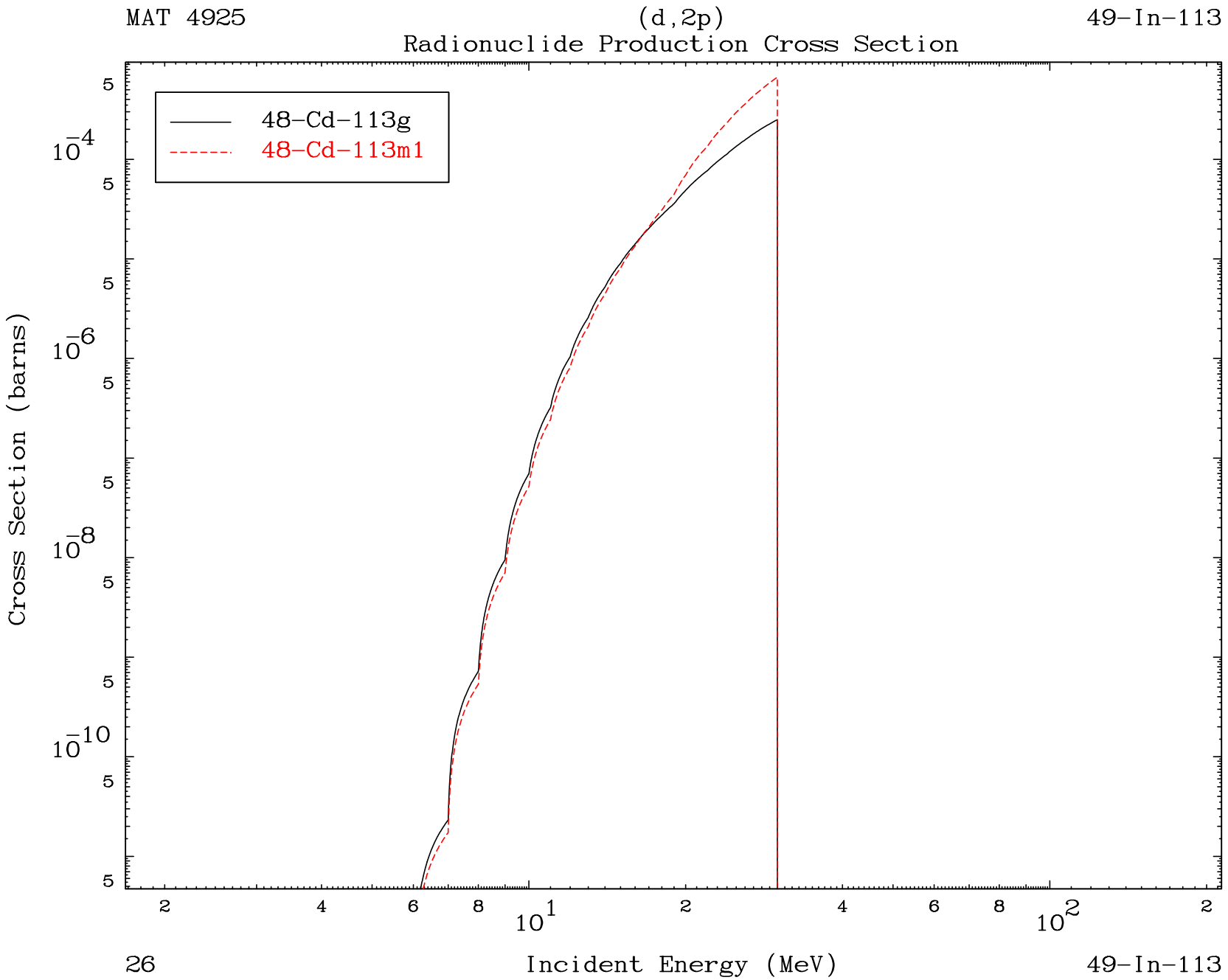

MAT 4925
(d,p)
49-In-113
Radionuclide Production Cross Section
49-In-114g
49-In-114m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
21
49-In-113

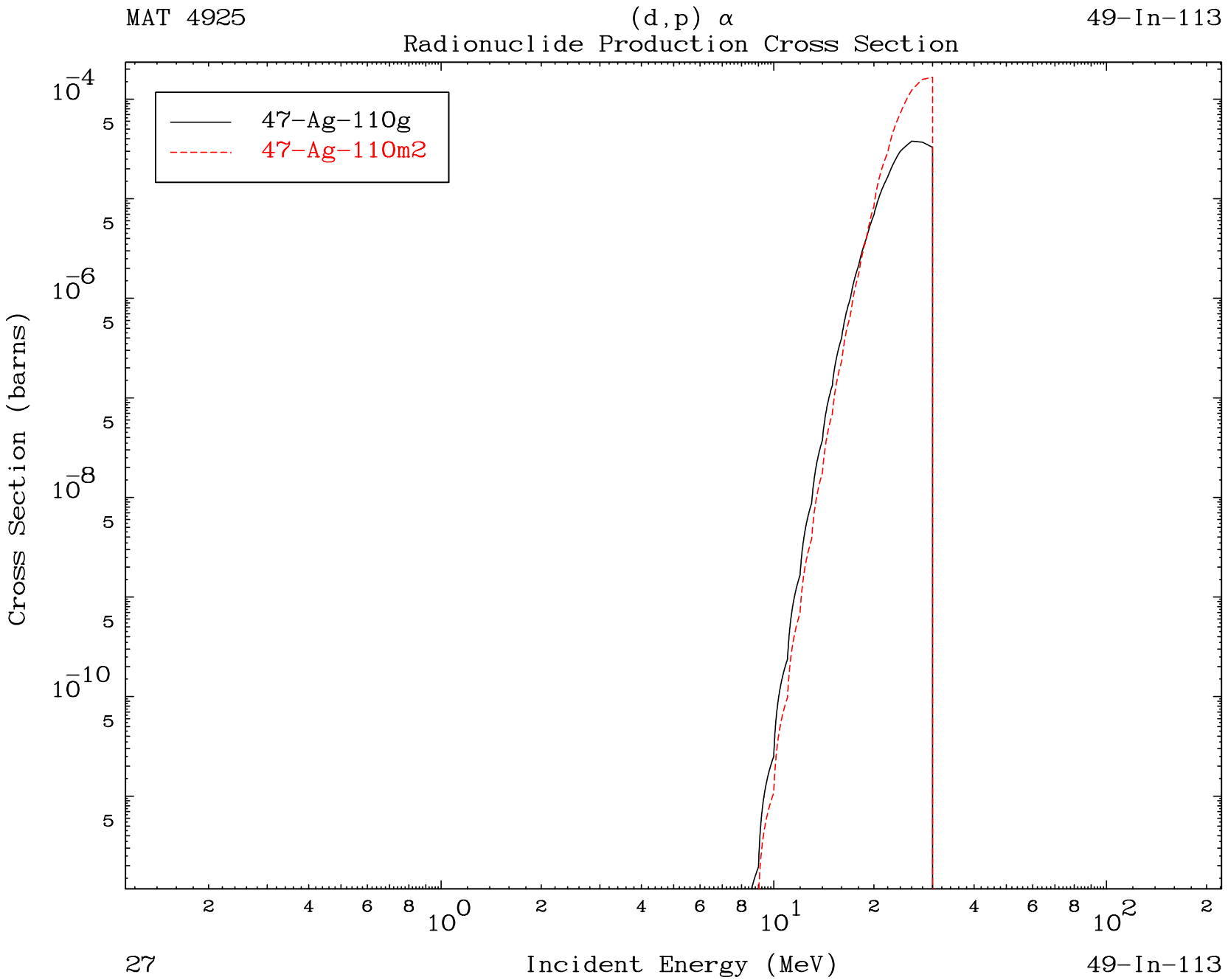

MAT 4925
(d,d)
49-In-113
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
Incident Energy (MeV)
22
49-In-113

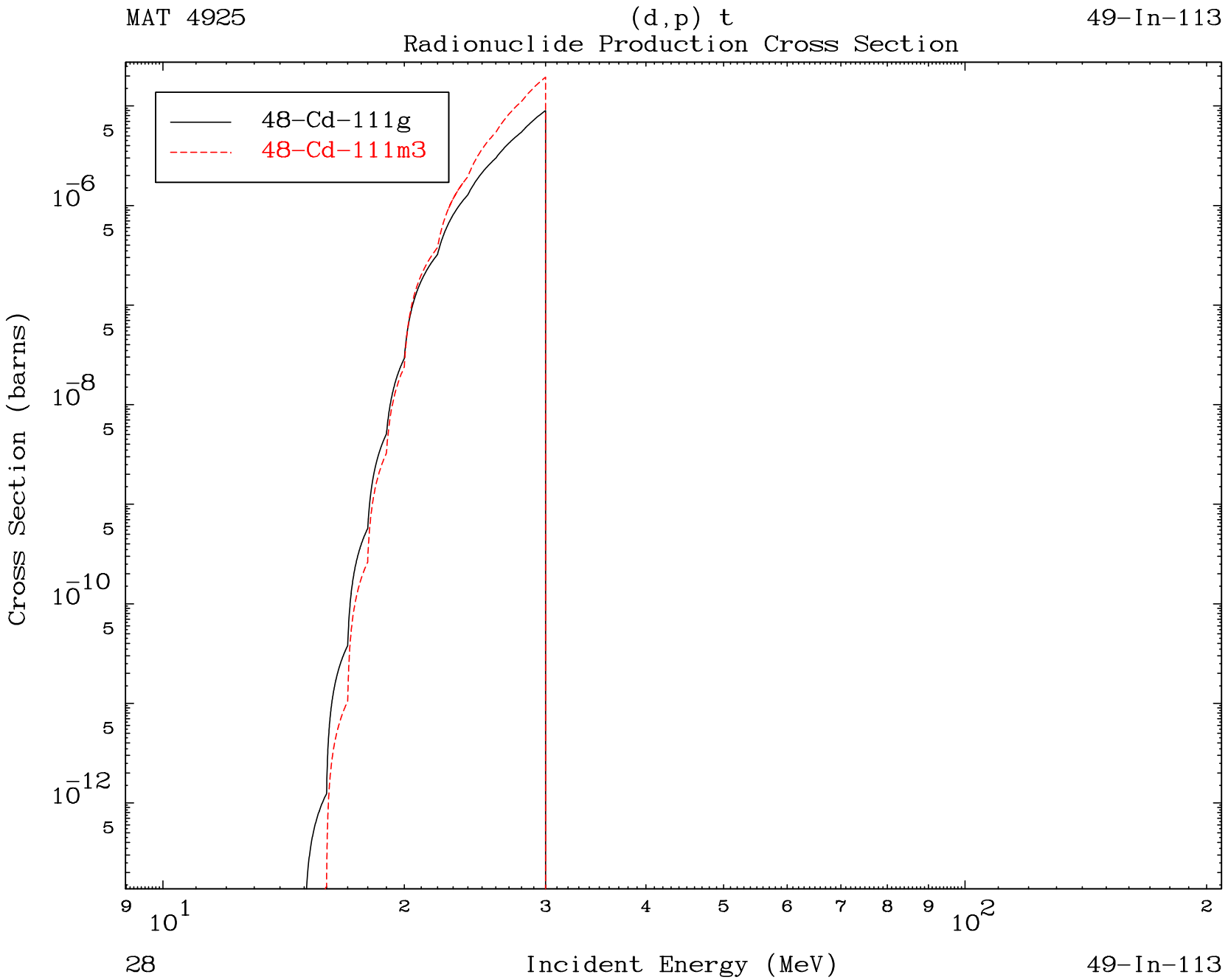

MAT 4925
(d,t)
49-In-113
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
Incident Energy (MeV)
23
49-In-113

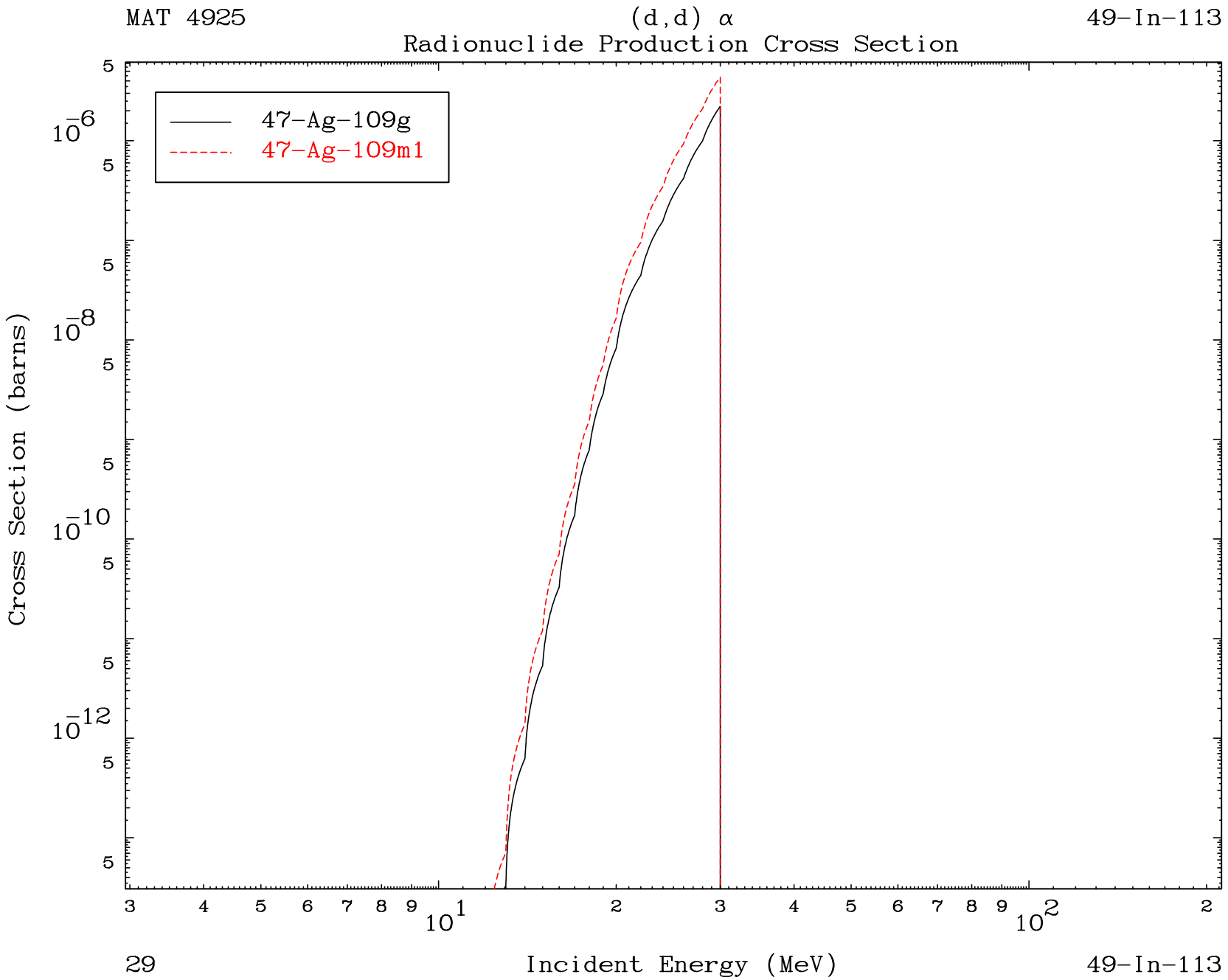

MAT 4925
(d,α)
49-In-113
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
Incident Energy (MeV)
24
49-In-113


MAT 4925
(d,2α)
49-In-113
Radionuclide Production Cross Section
46-Pd-107g
46-Pd-107m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
25
49-In-113


MAT 4925
(d,2p)
49-In-113
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
Incident Energy (MeV)
26
49-In-113


MAT 4925
(d,p) α
49-In-113
Radionuclide Production Cross Section
47-Ag-110g
47-Ag-110m2
Cross Section (barns)
Incident Energy (MeV)
27
49-In-113


MAT 4925
(d,p) t
49-In-113
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
28
Incident Energy (MeV)
49-In-113


MAT 4925
(d,d) α
49-In-113
Radionuclide Production Cross Section
47-Ag-109g
47-Ag-109m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3 4 5 6 7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
29
Incident Energy (MeV)
49-In-113