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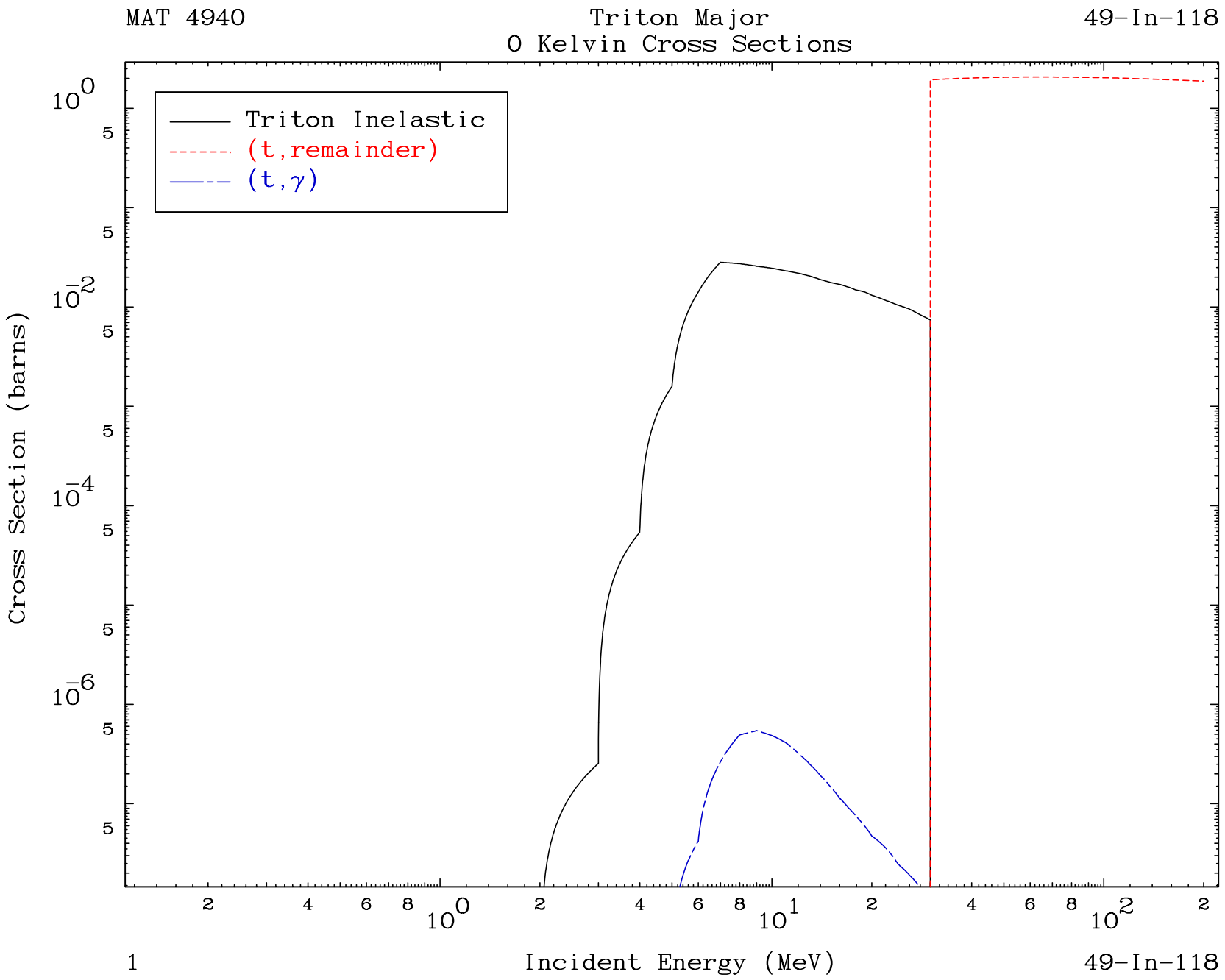
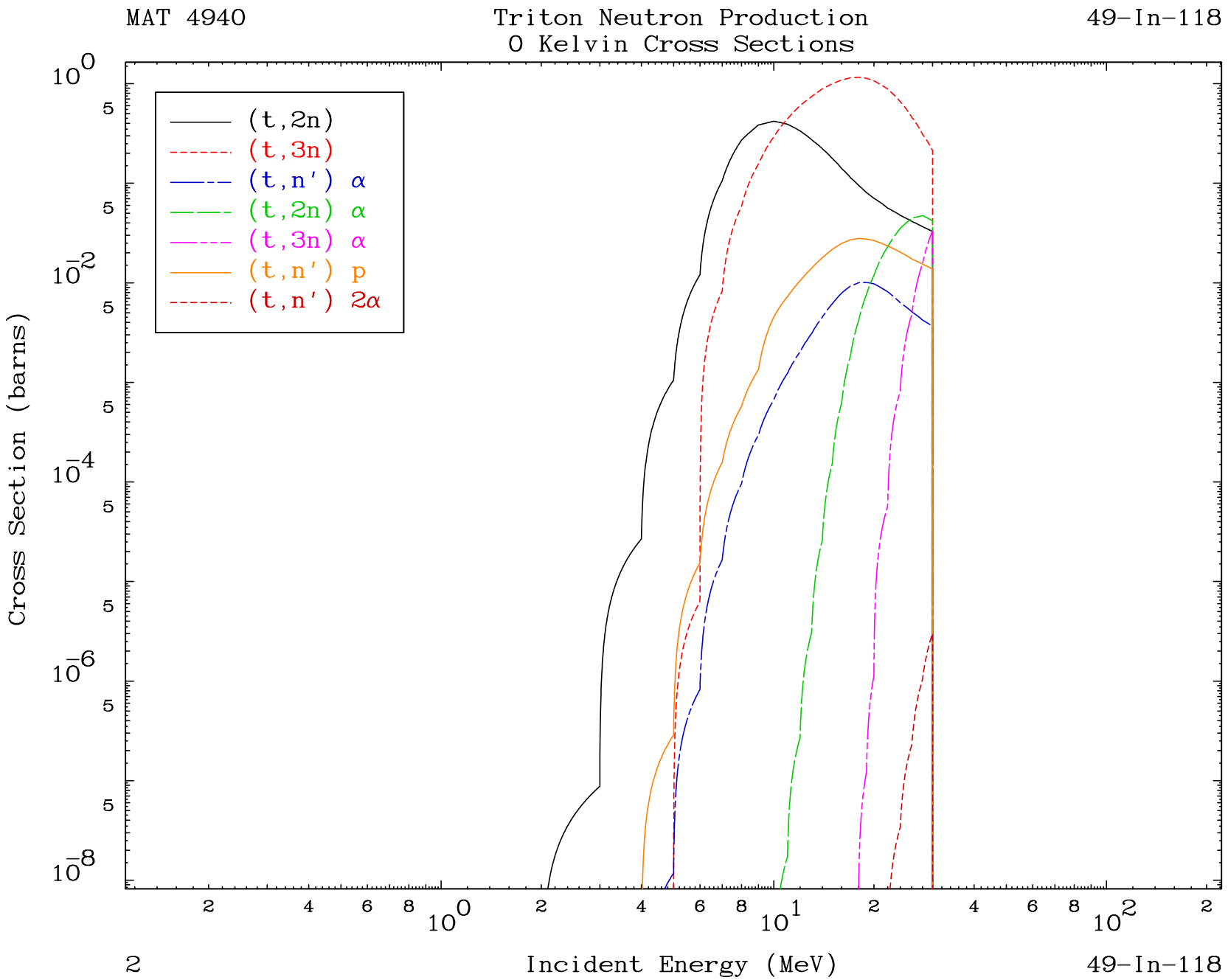
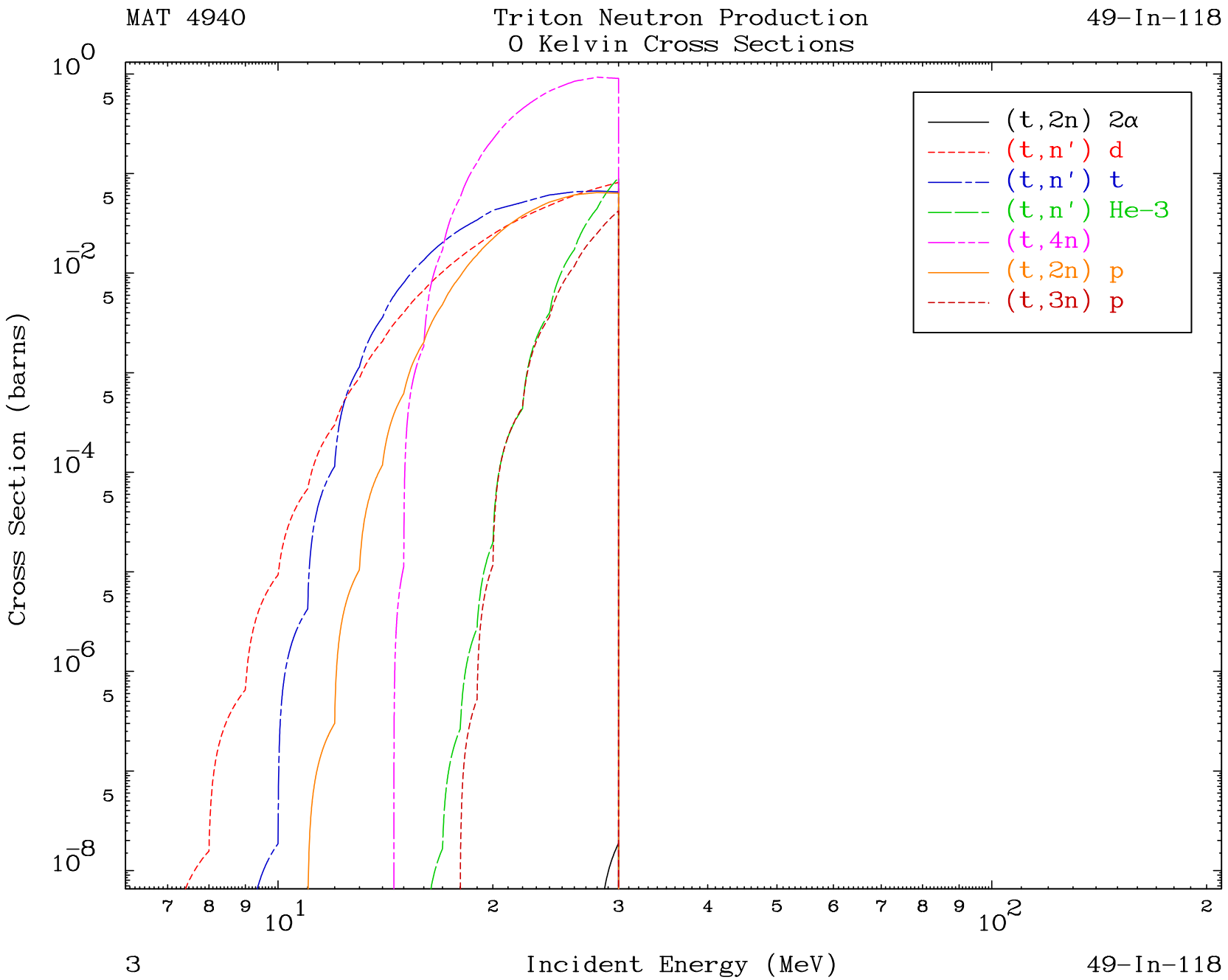
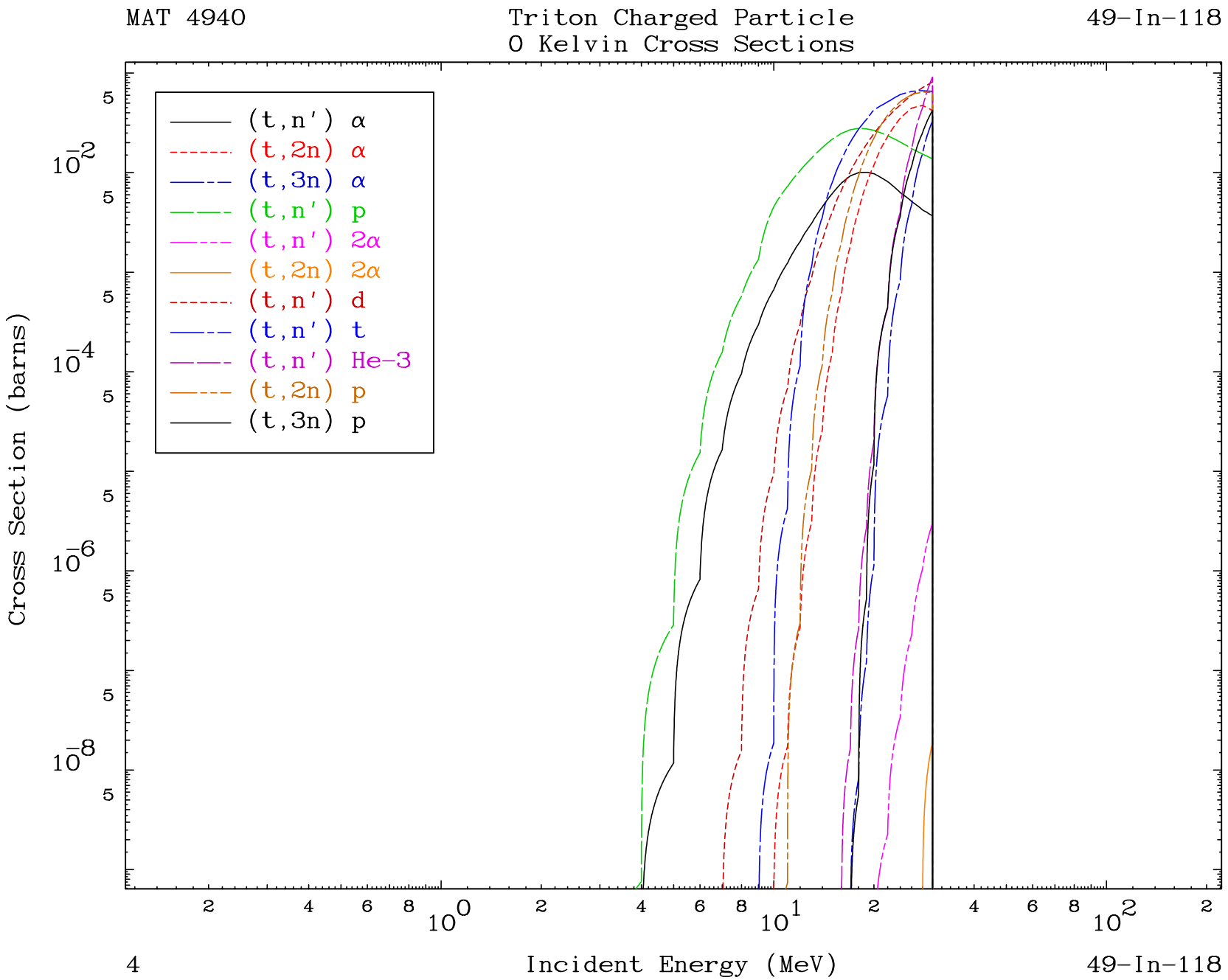
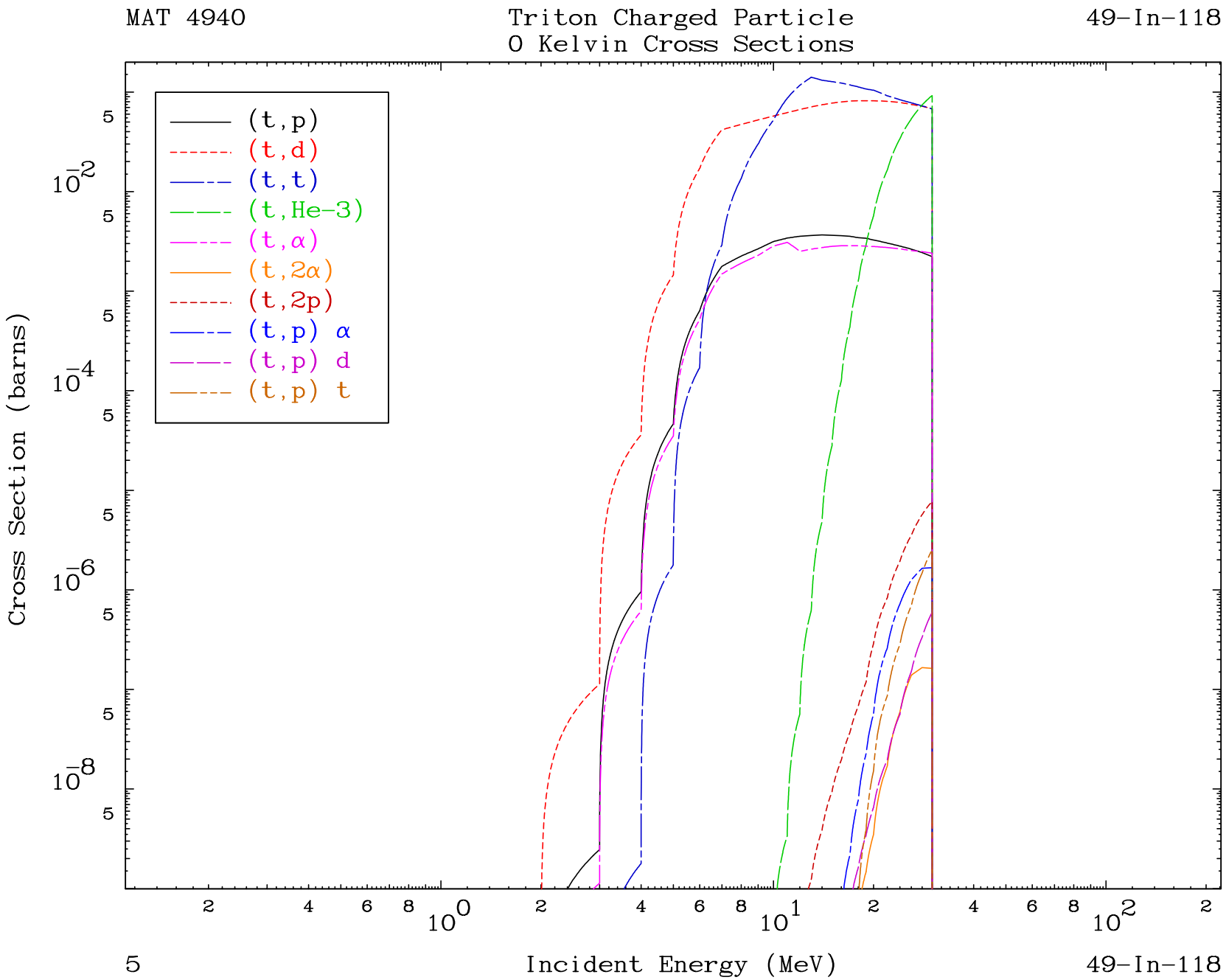
Press Mouse Button to Start

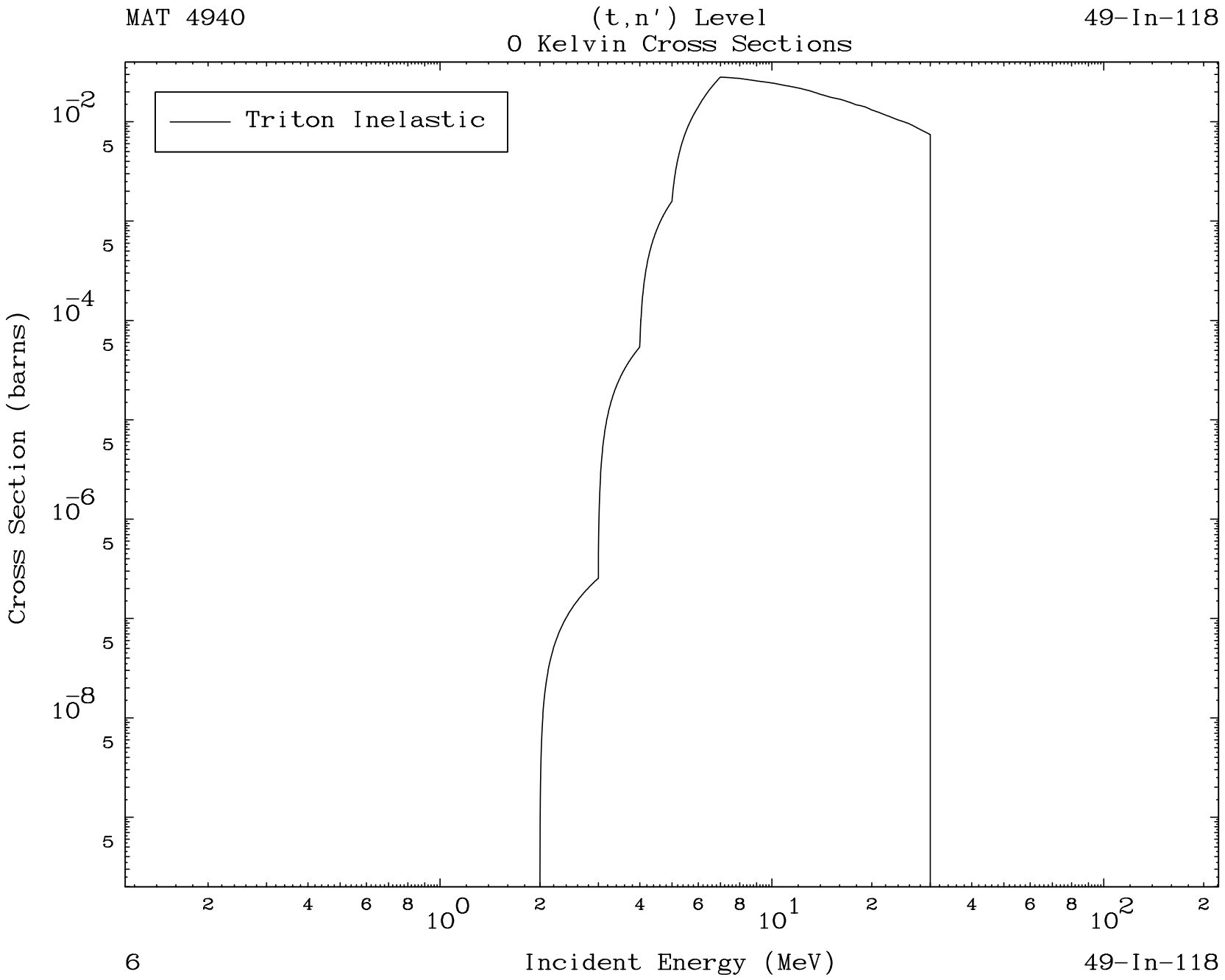

MAT 4940
Triton Major
49-In-118
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-118
1

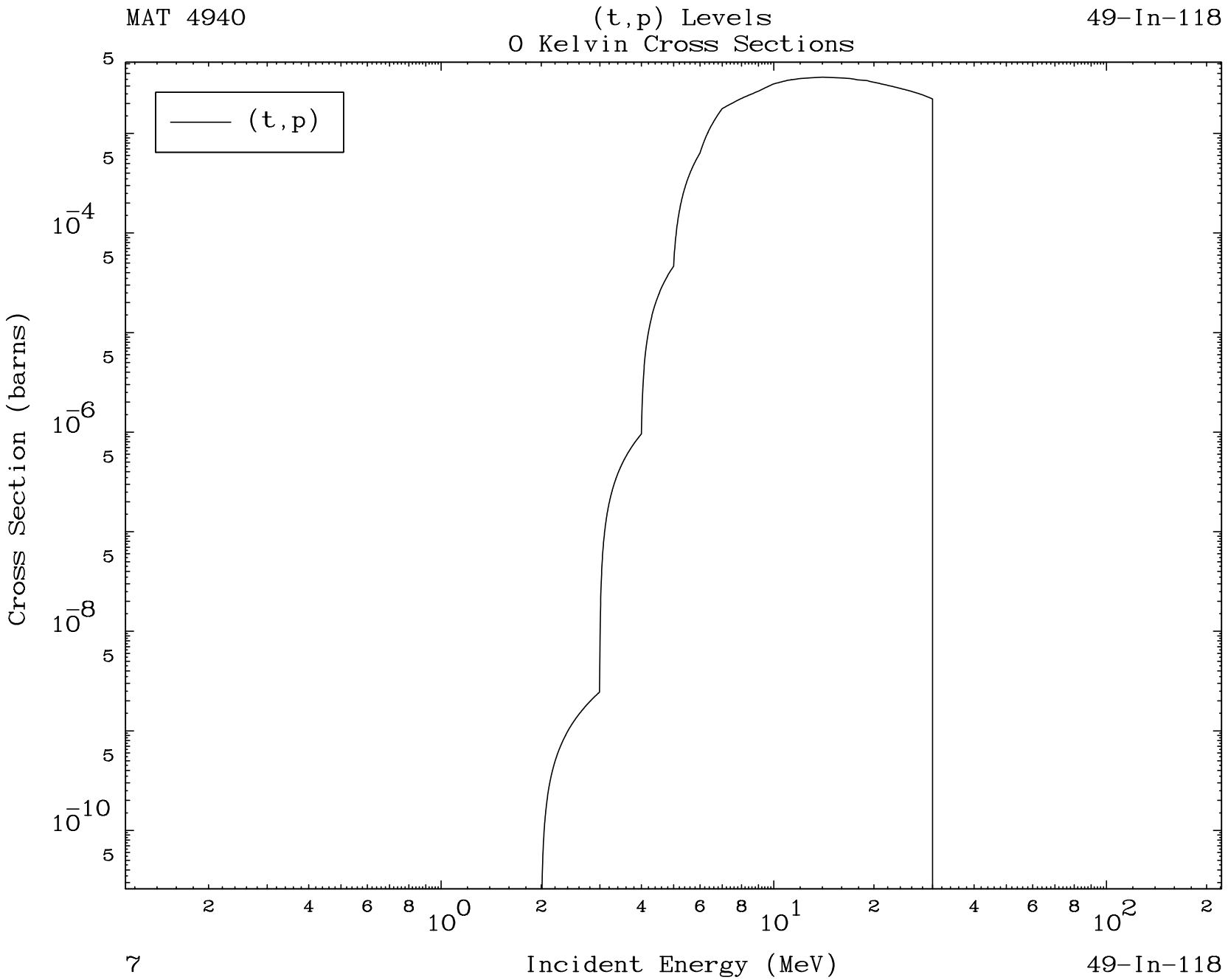

MAT 4940
Triton Neutron Production
0 Kelvin Cross Sections
49-In-118
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
49-In-118

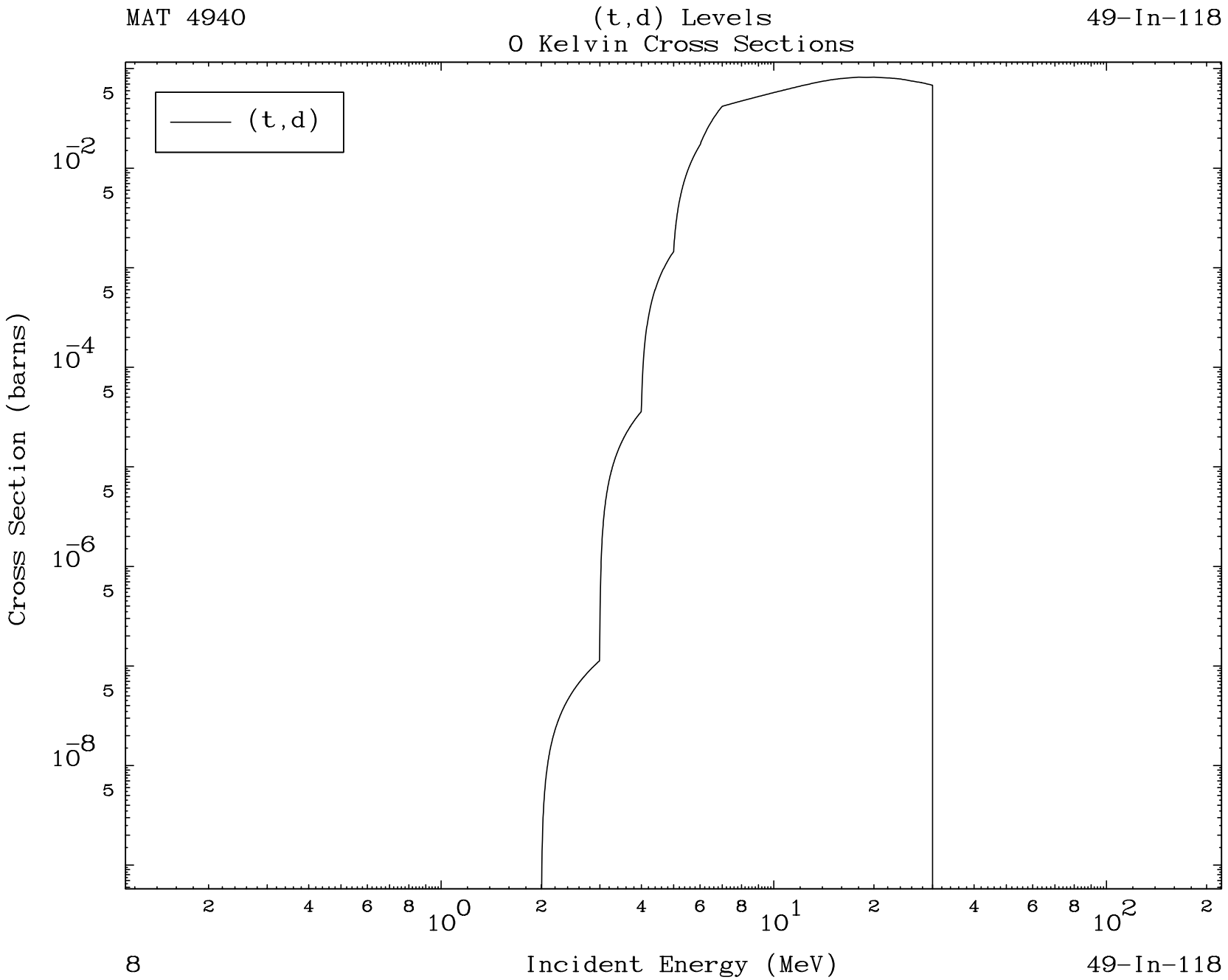

MAT 4940
Triton Neutron Production
0 Kelvin Cross Sections
49-In-118
Cross Section (barns)
Incident Energy (MeV)
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
3
49-In-118

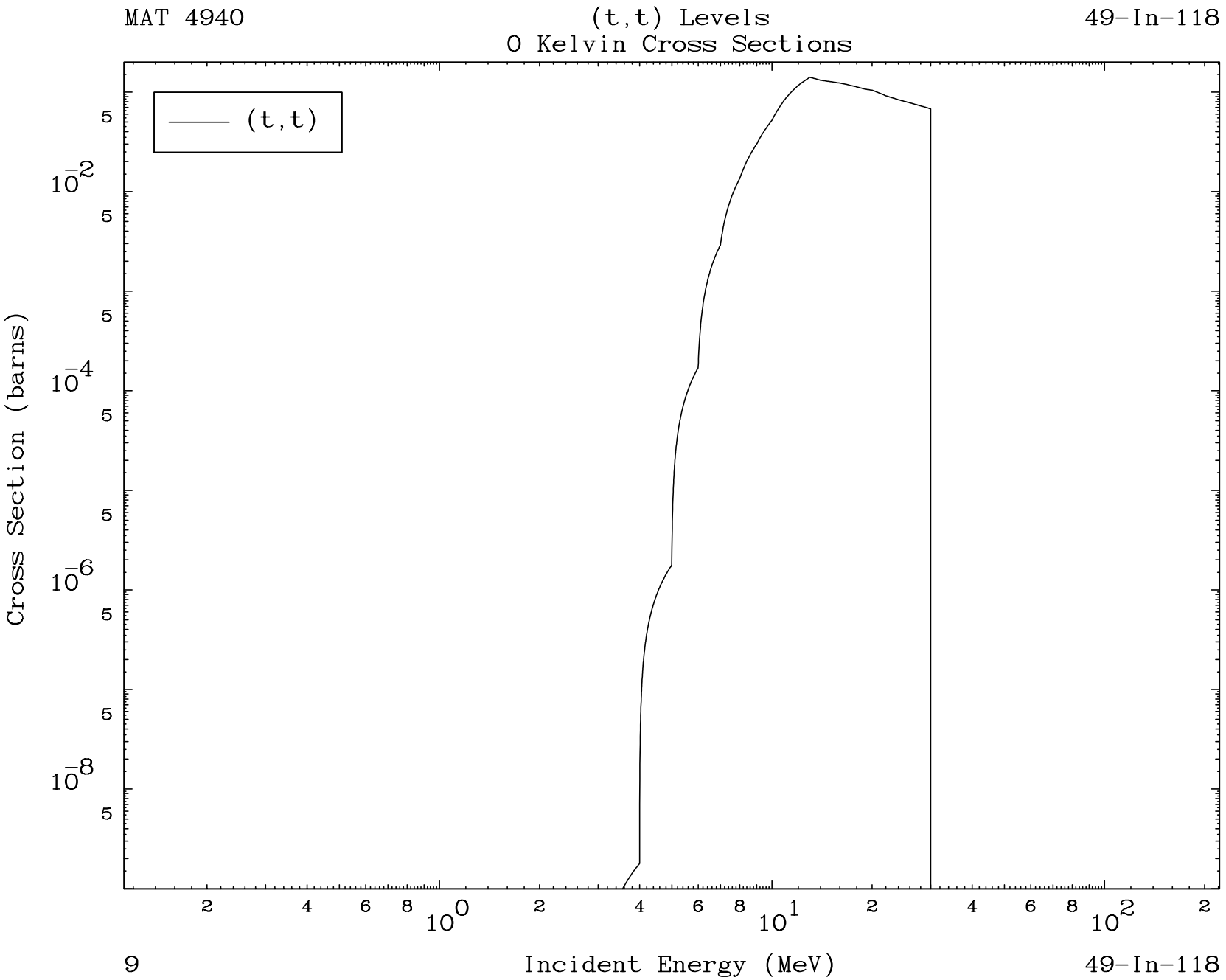

MAT 4940
Triton Charged Particle
0 Kelvin Cross Sections
49-In-118
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
49-In-118

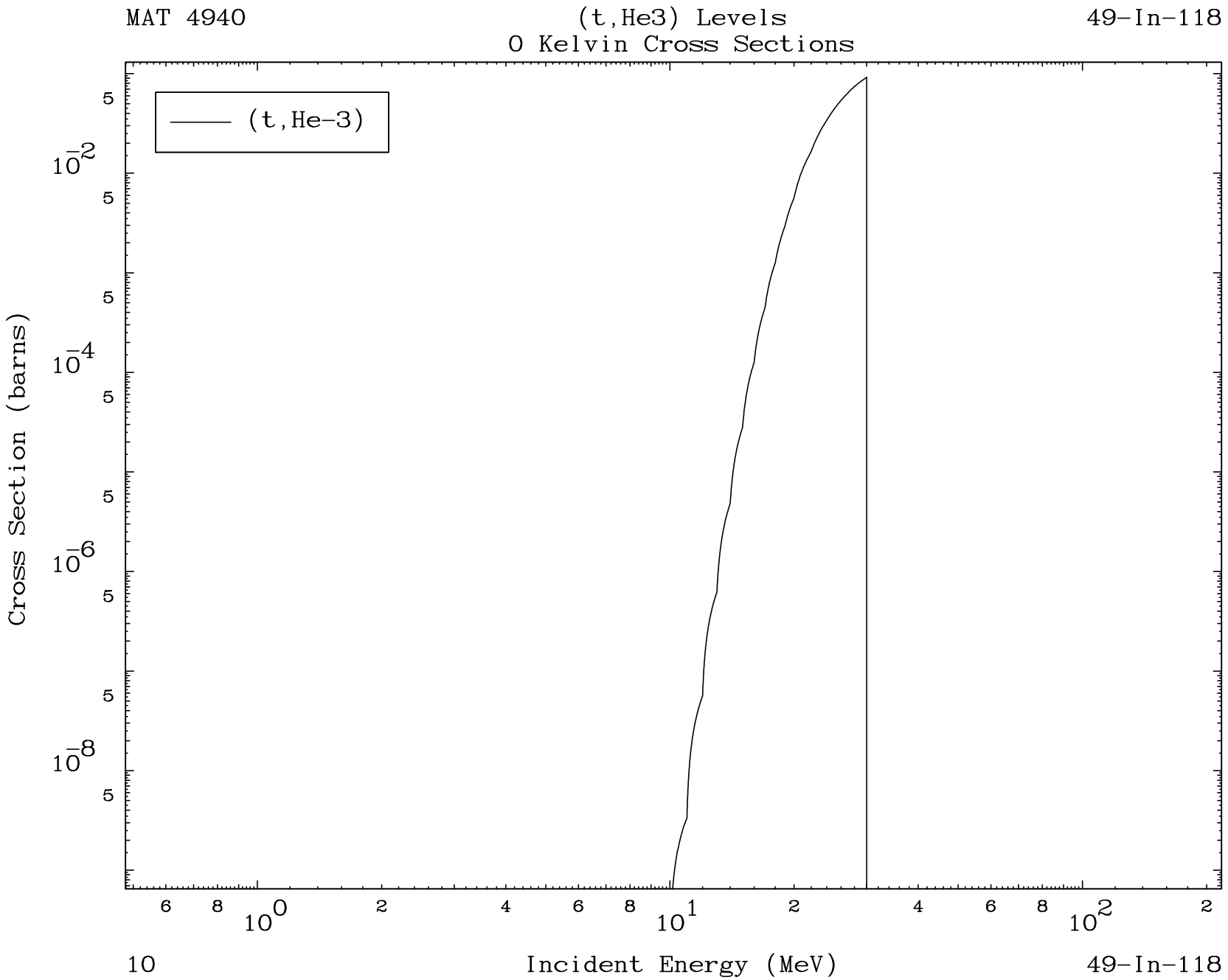

MAT 4940
Triton Charged Particle
0 Kelvin Cross Sections
49-In-118
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
5
49-In-118

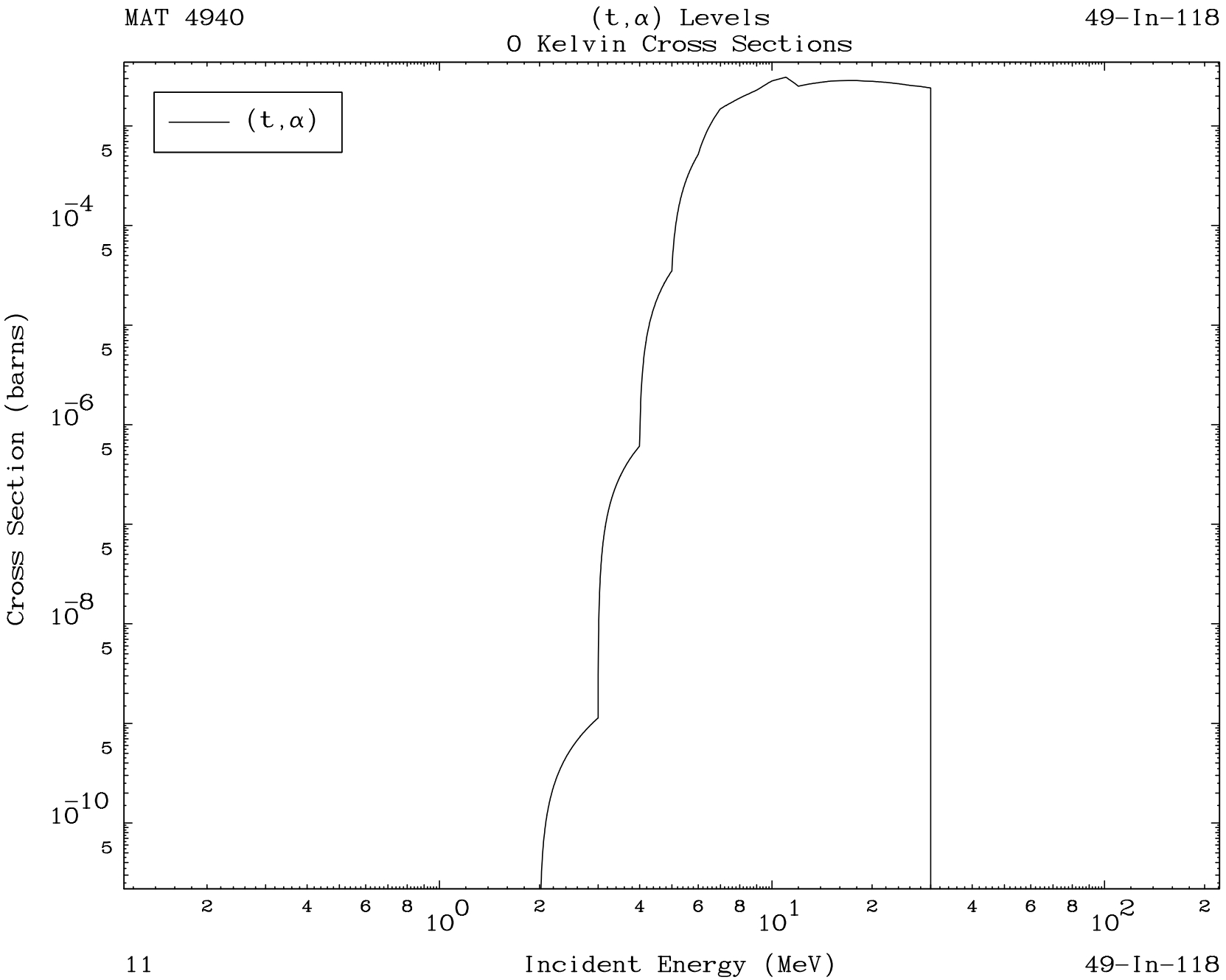

MAT 4940
(t,n') Level
49-In-118
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
49-In-118

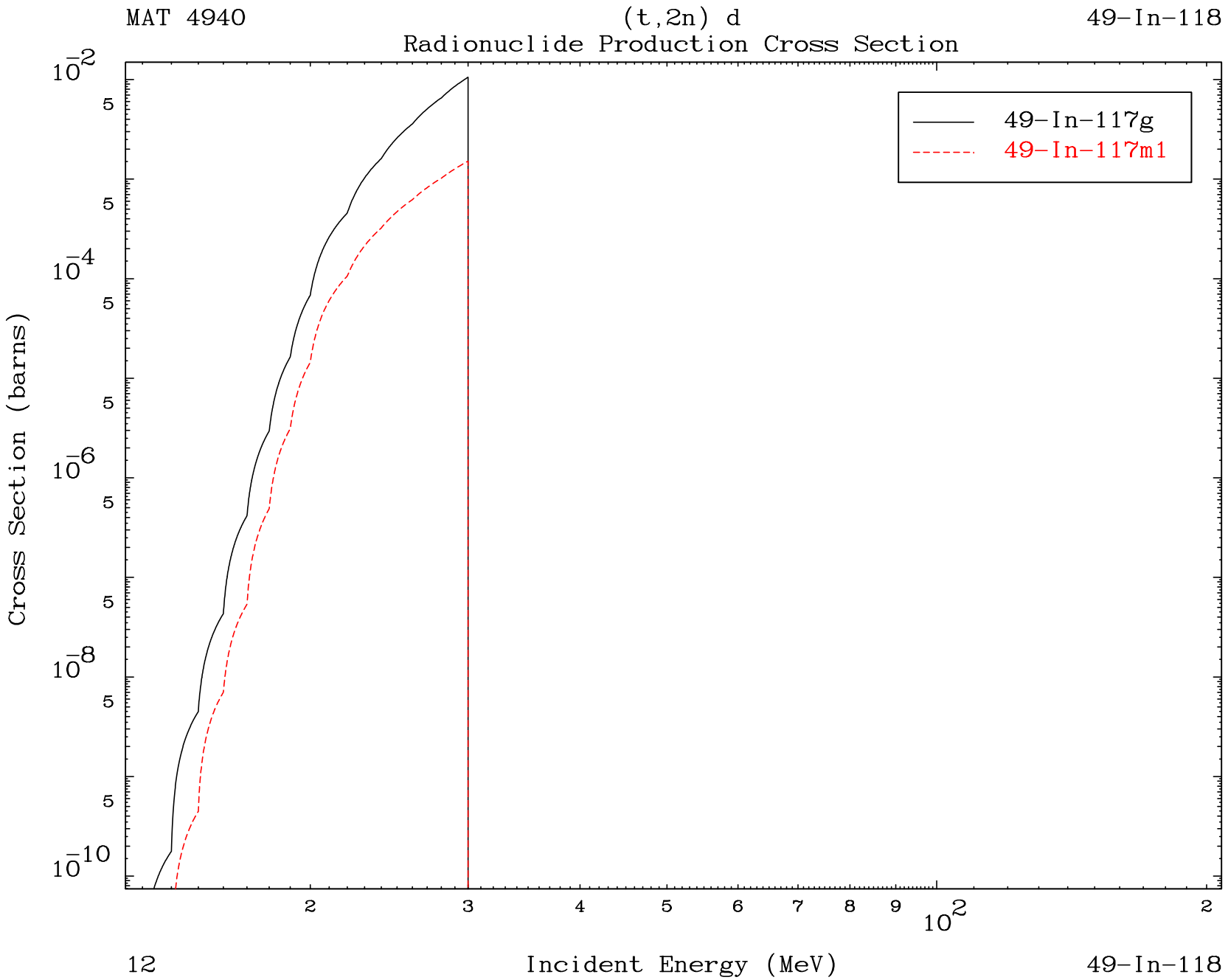

MAT 4940
(t,p) Levels
49-In-118
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-118

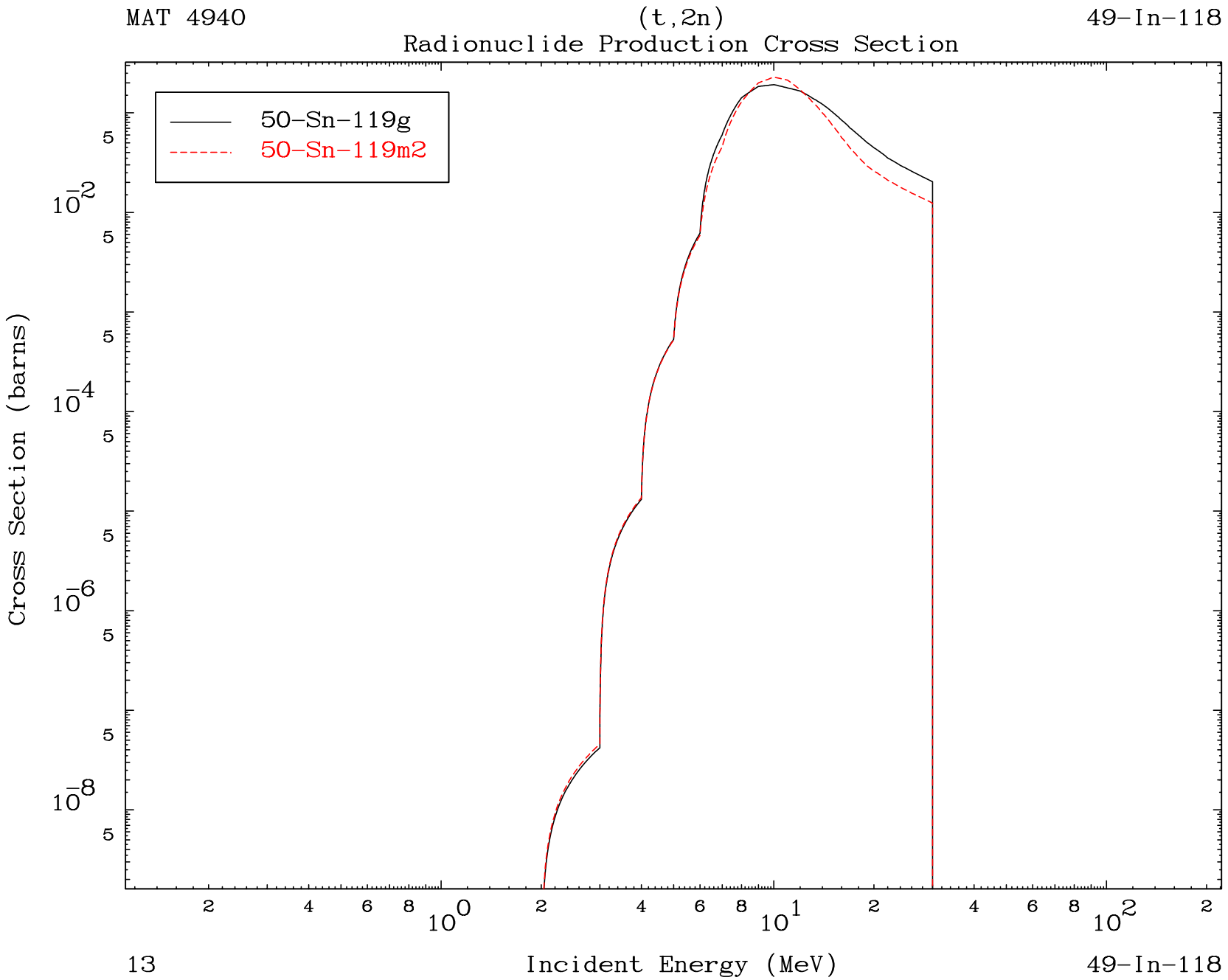

MAT 4940
(t,d) Levels
49-In-118
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-118

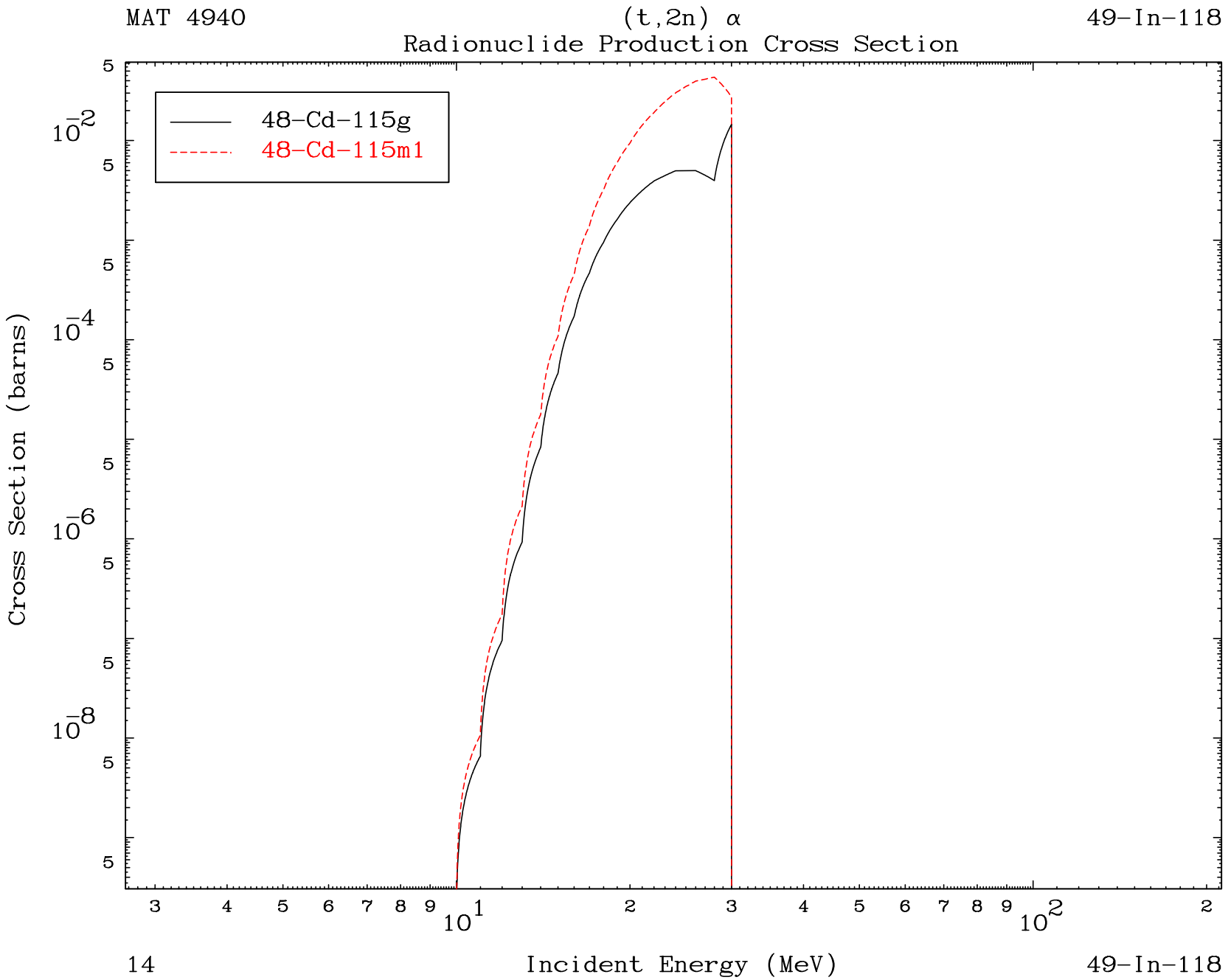

MAT 4940
(t,t) Levels
49-In-118
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-118

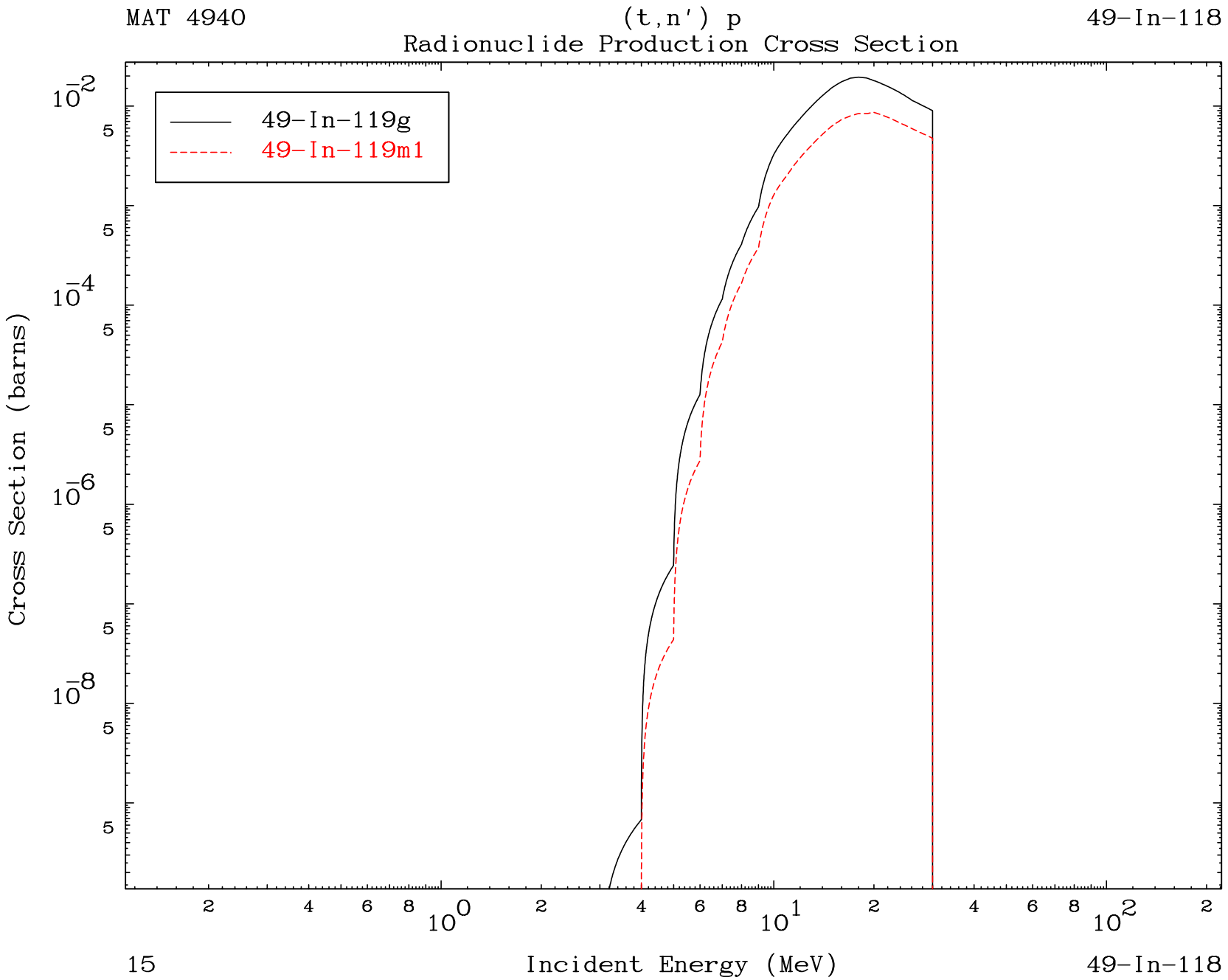

MAT 4940
(t,He3) Levels
49-In-118
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
49-In-118

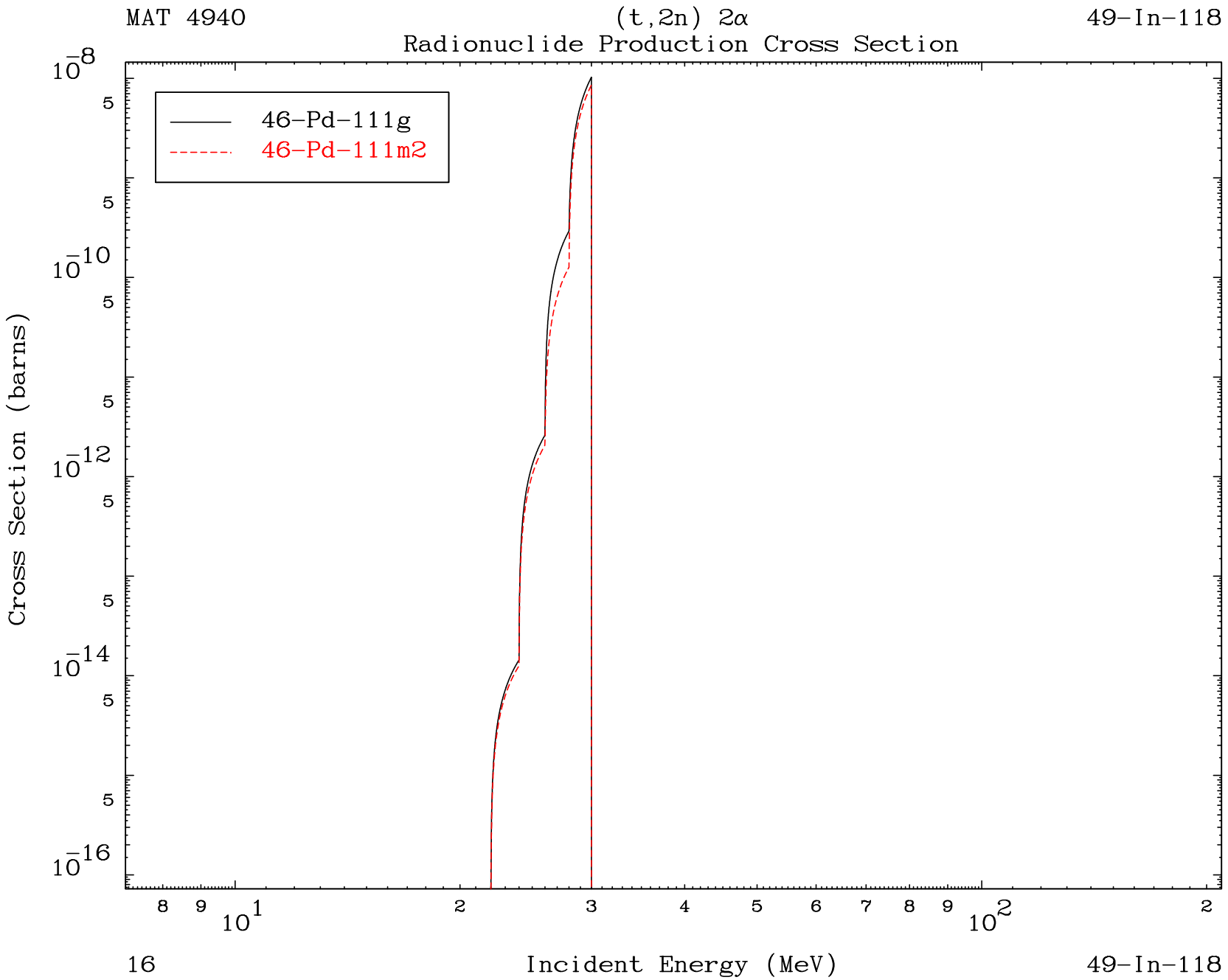

MAT 4940
(t,α) Levels
49-In-118
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
49-In-118

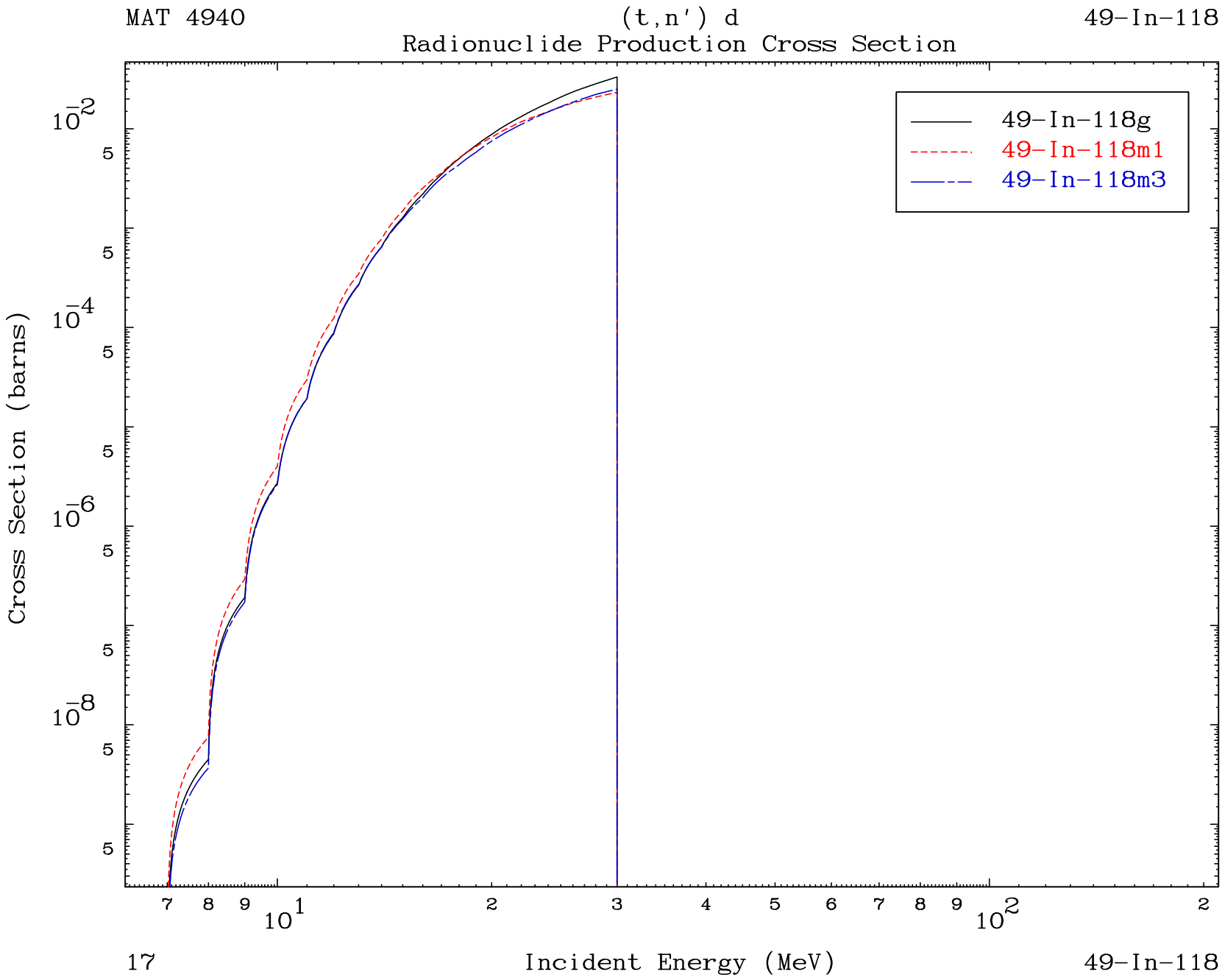

MAT 4940
(t,2n) d
49-In-118
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
49-In-118

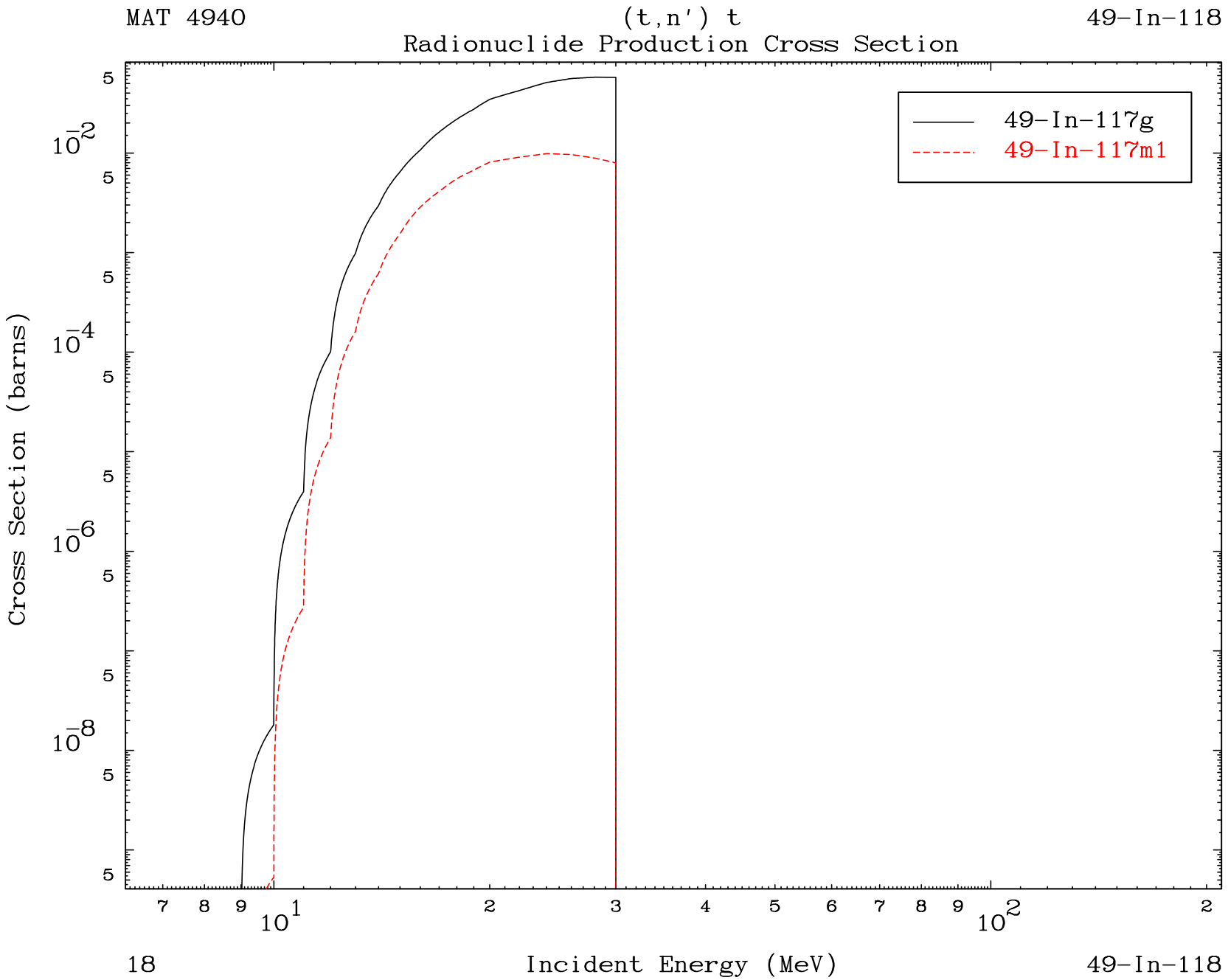

MAT 4940
(t,2n)
49-In-118
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
13
49-In-118

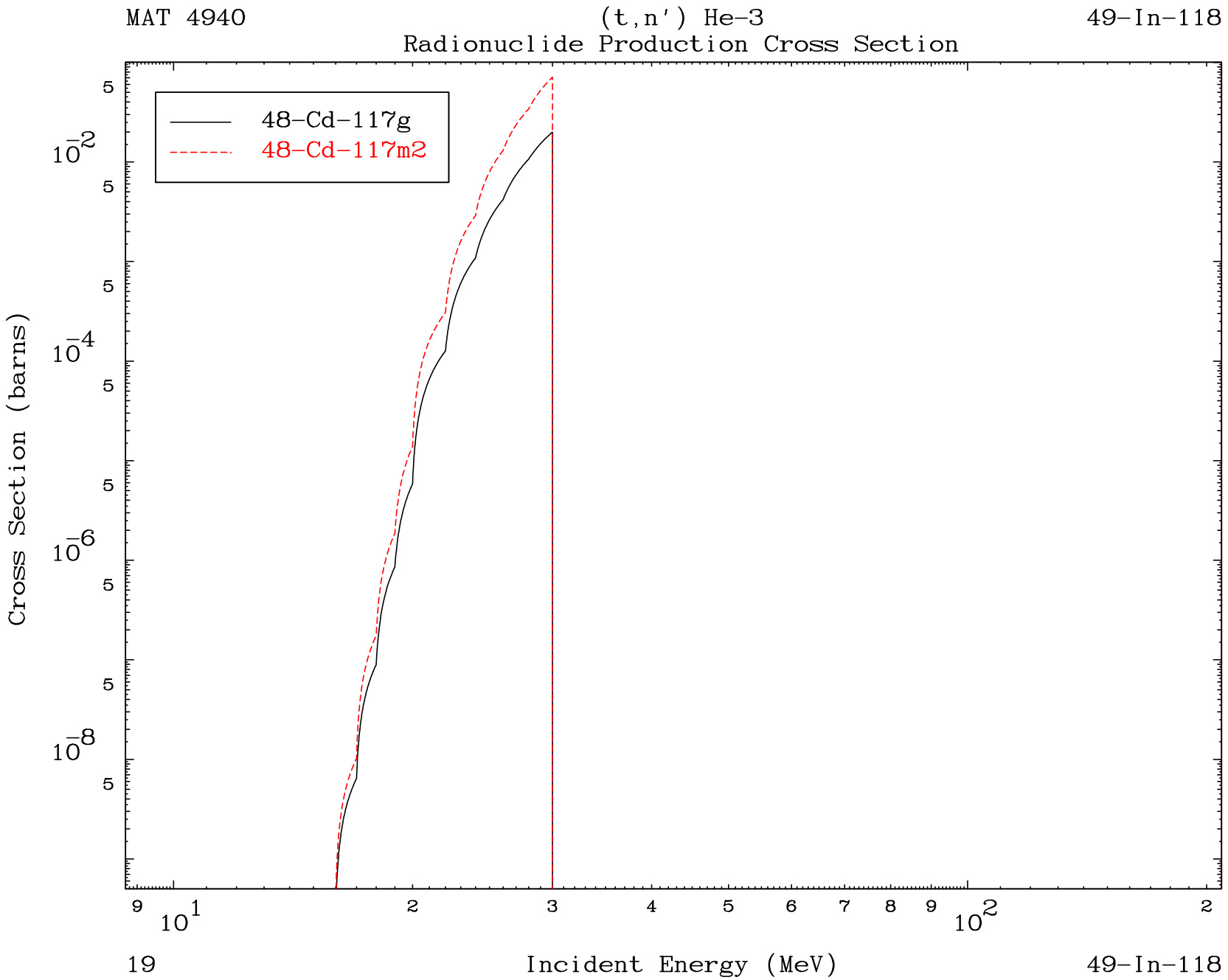

MAT 4940
(t,2n) α
49-In-118
Radionuclide Production Cross Section
48-Cd-115g
48-Cd-115m1
Cross Section (barns)
Incident Energy (MeV)
14
49-In-118

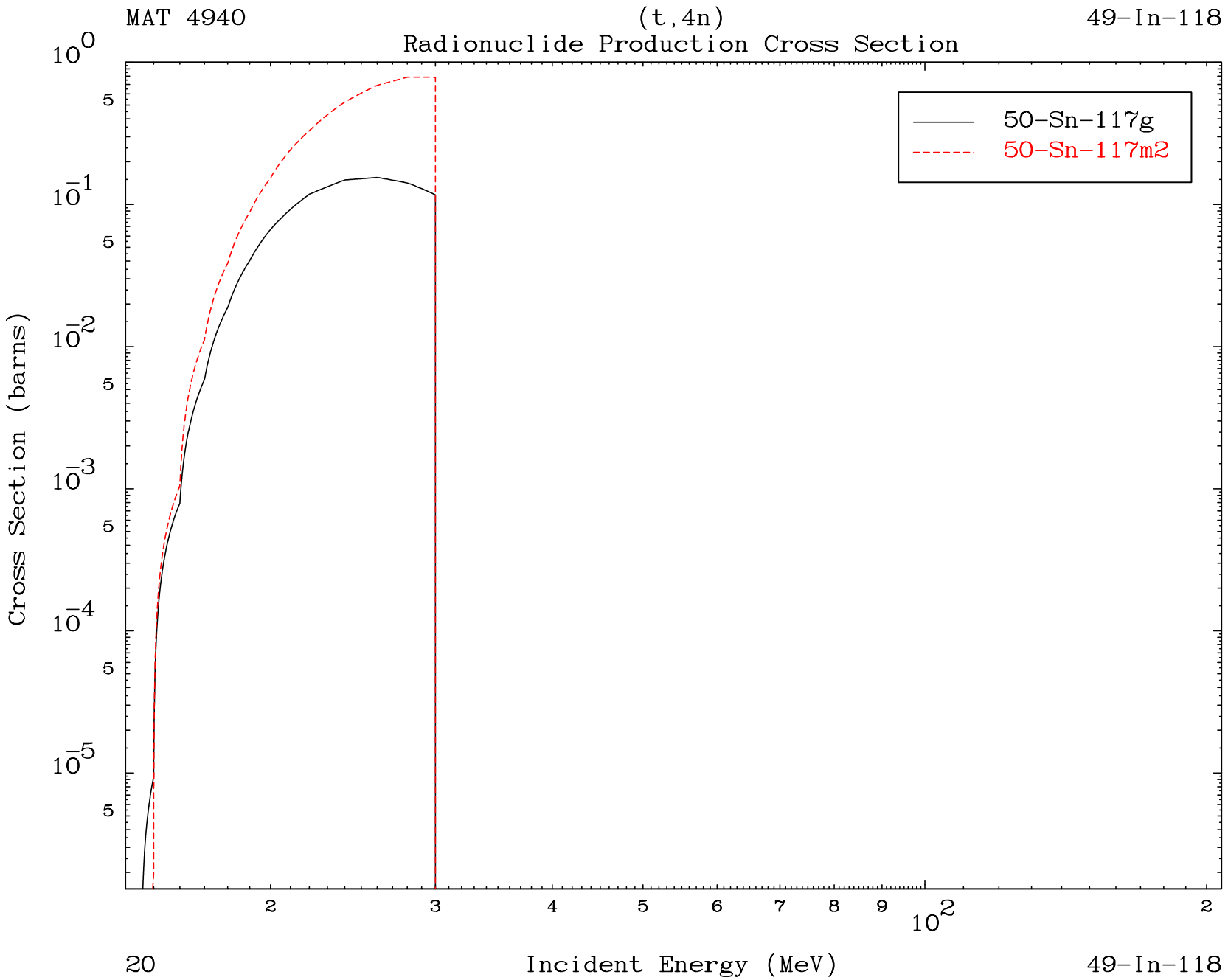

MAT 4940
(t,n') p
49-In-118
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
15
49-In-118

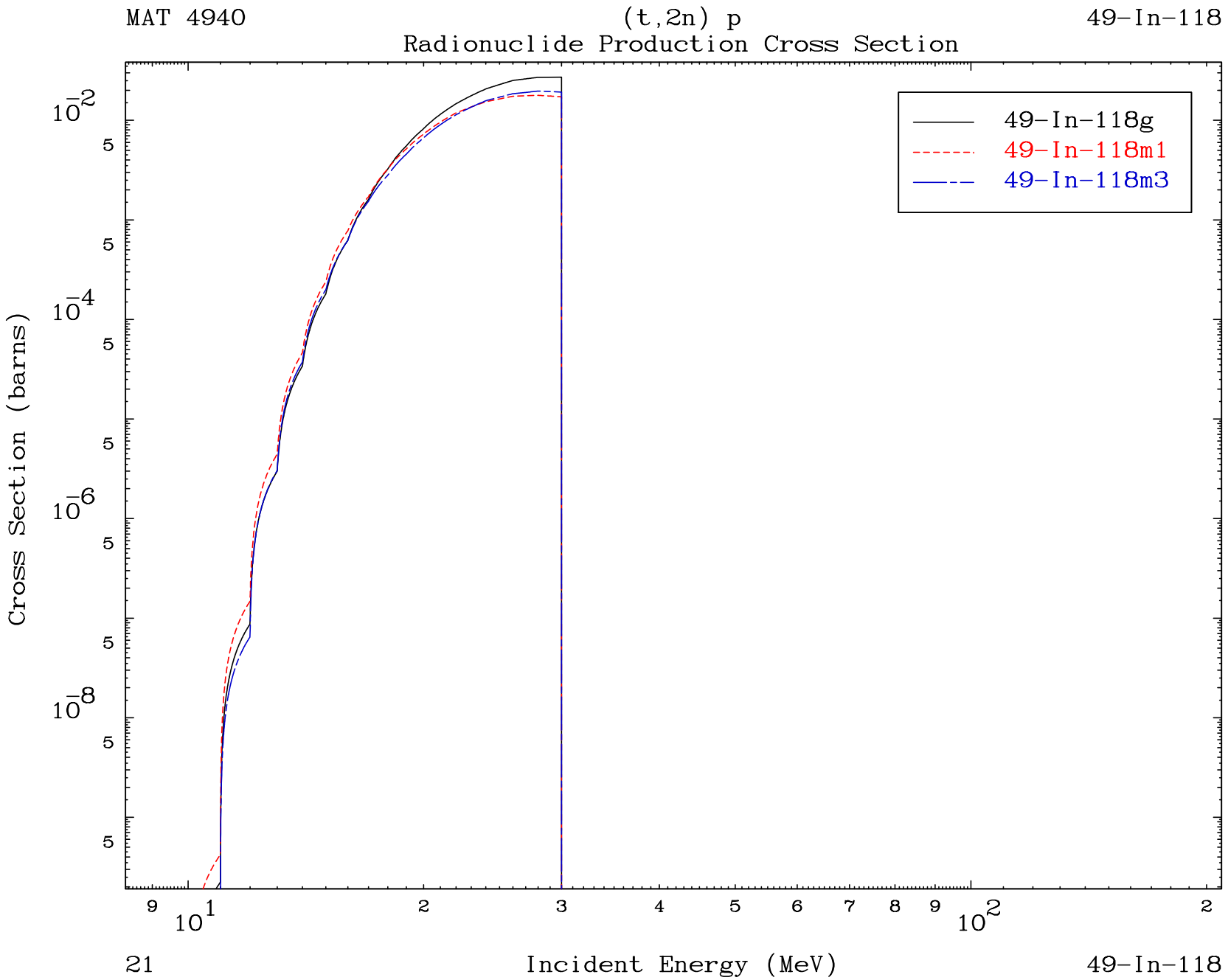

MAT 4940
(t,2n) 2α
49-In-118
Radionuclide Production Cross Section
46-Pd-111g
46-Pd-111m2
Cross Section (barns)
Incident Energy (MeV)
16
49-In-118

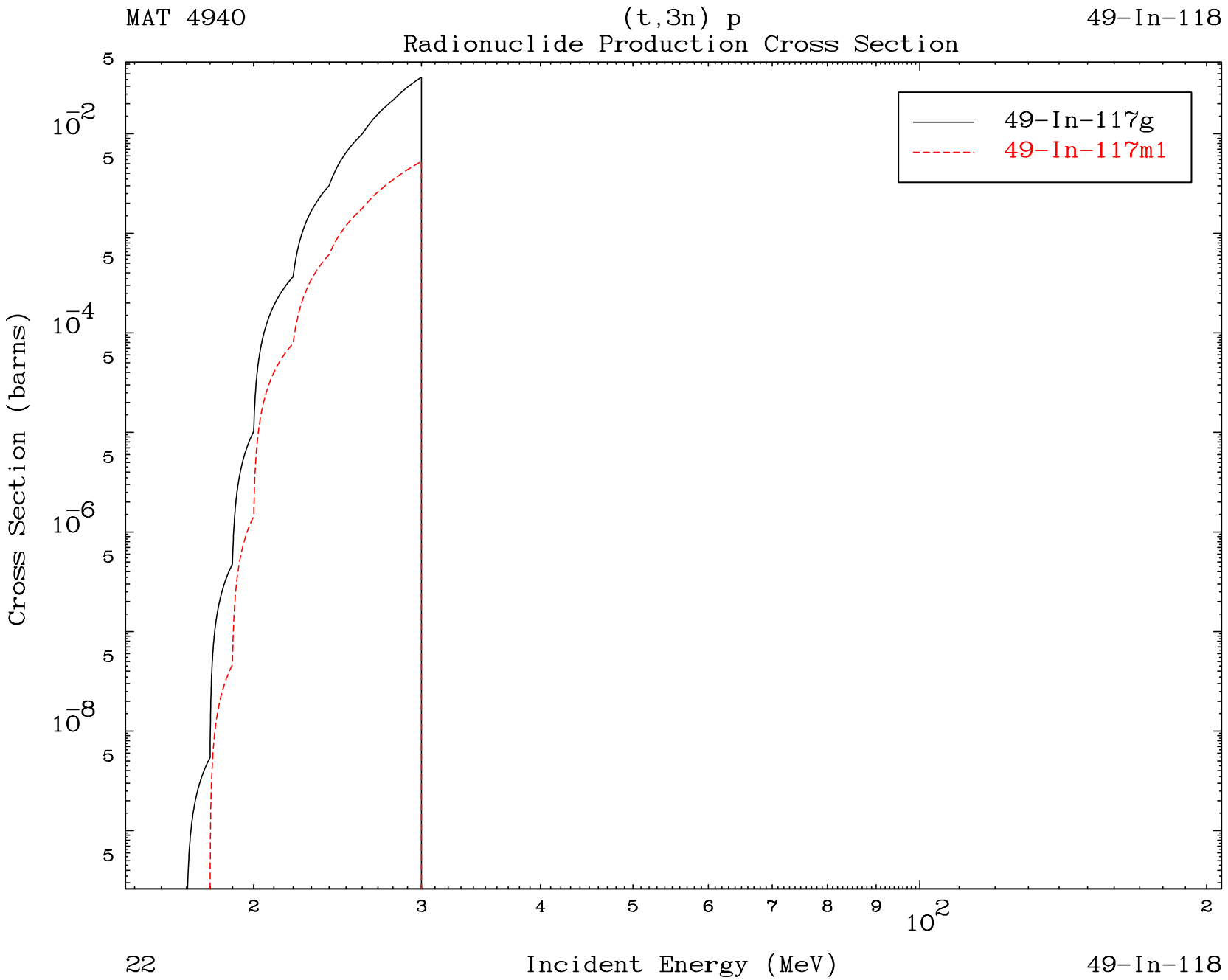

MAT 4940
(t,n') d
49-In-118
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
17
49-In-118

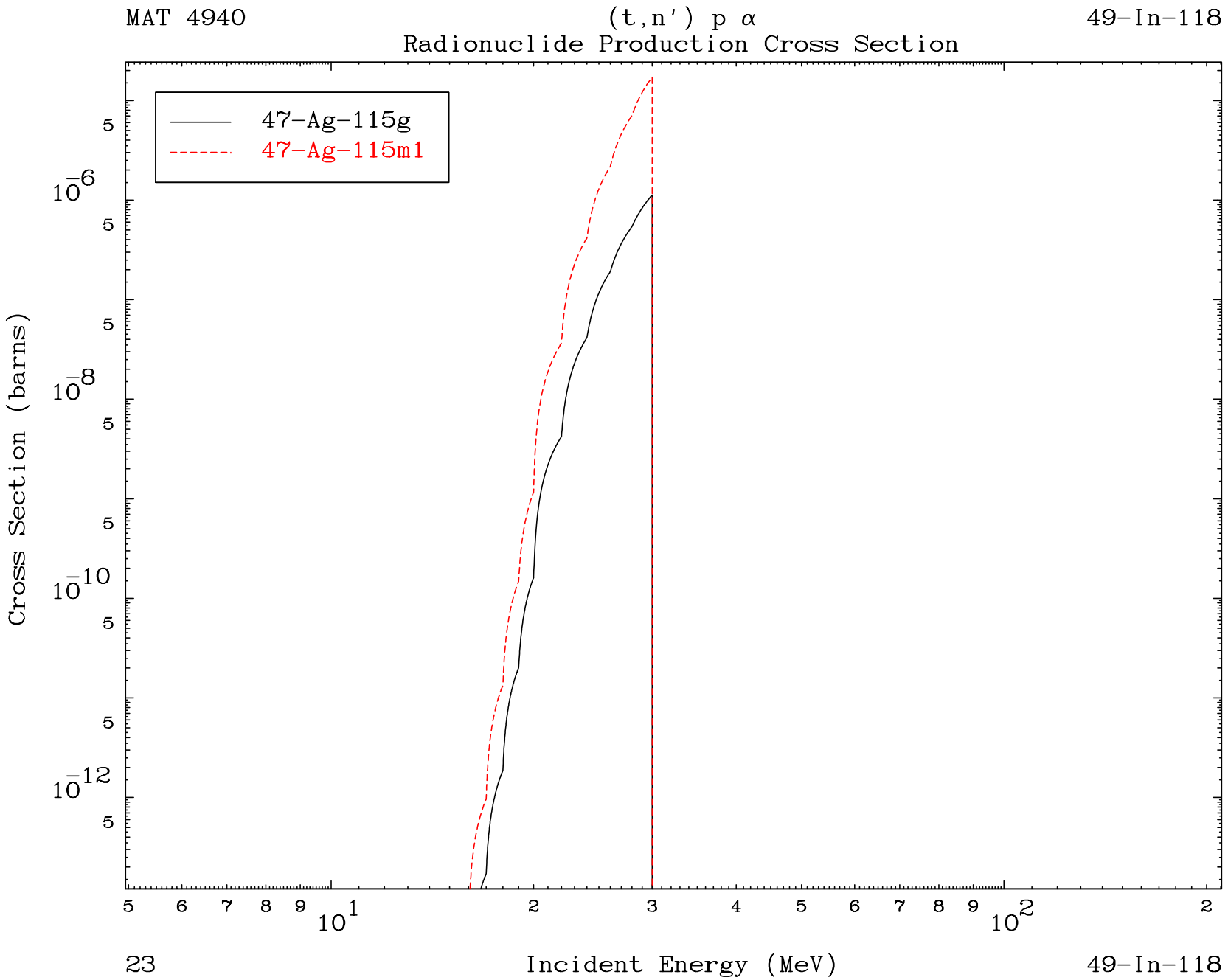

MAT 4940
(t,n') t
49-In-118
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-118

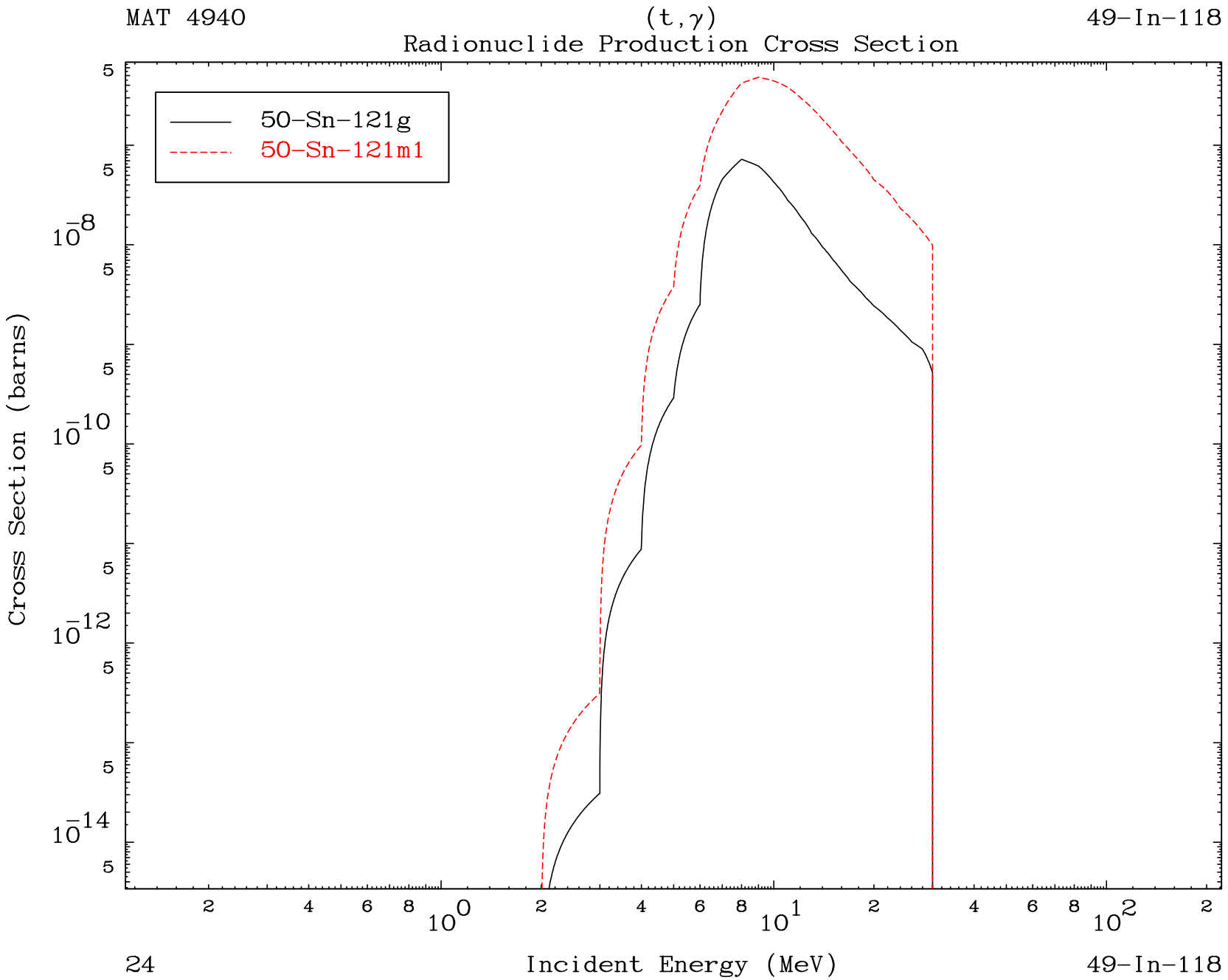

MAT 4940
(t,n') He-3
49-In-118
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10-2
10-4
10-6
10-8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
49-In-118

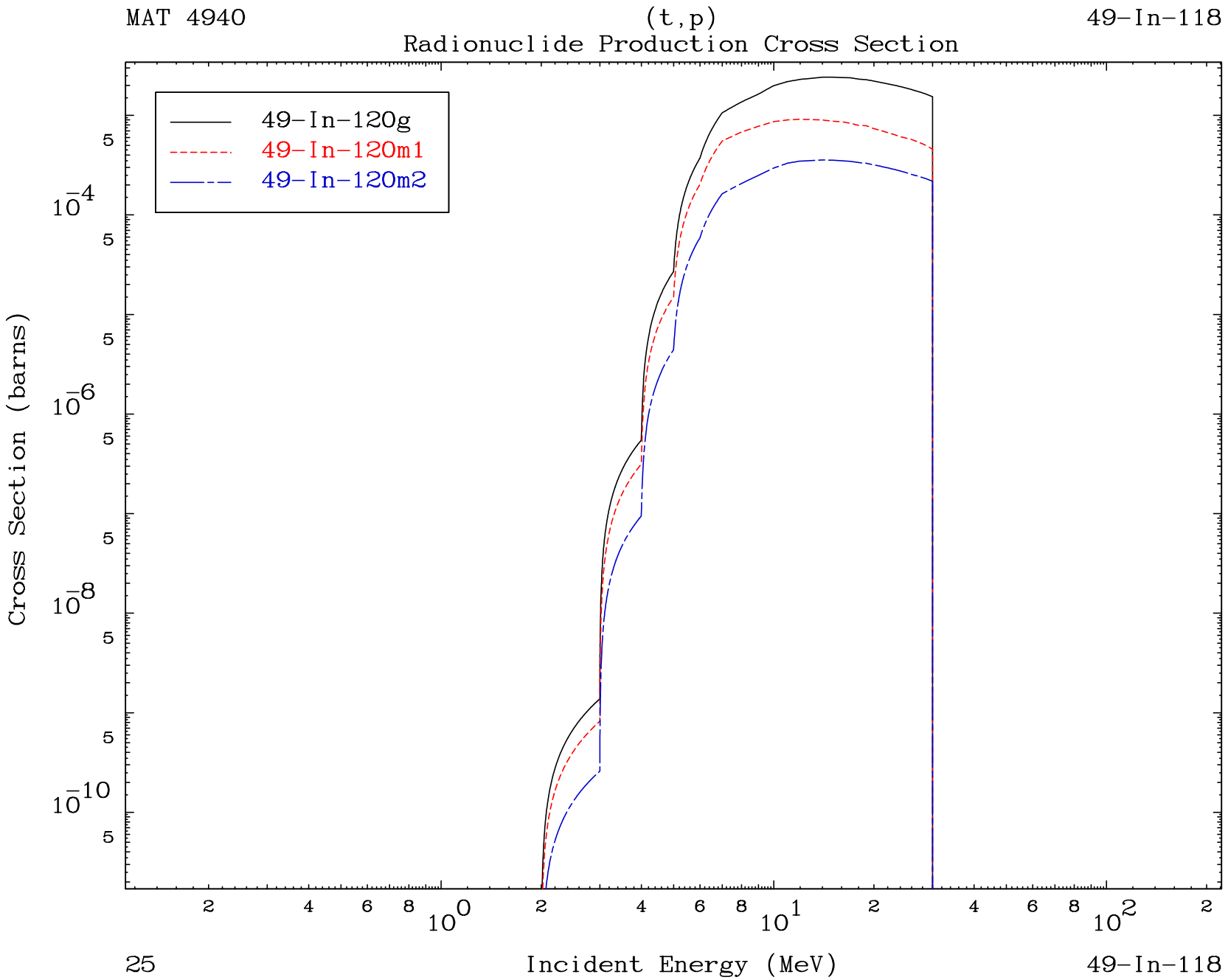

MAT 4940
(t,4n)
49-In-118
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
20
49-In-118

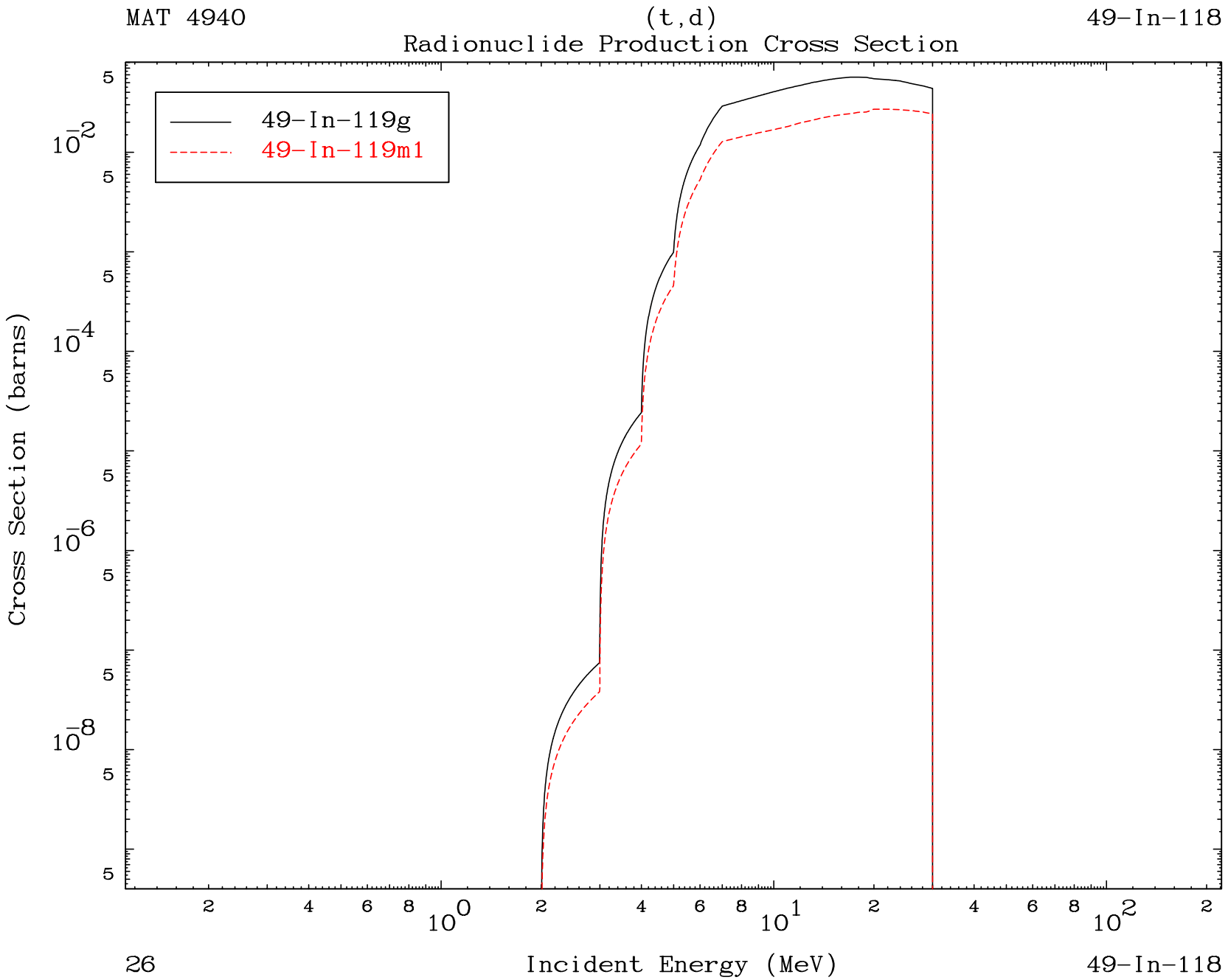

MAT 4940
(t,2n) p
49-In-118
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
21
49-In-118

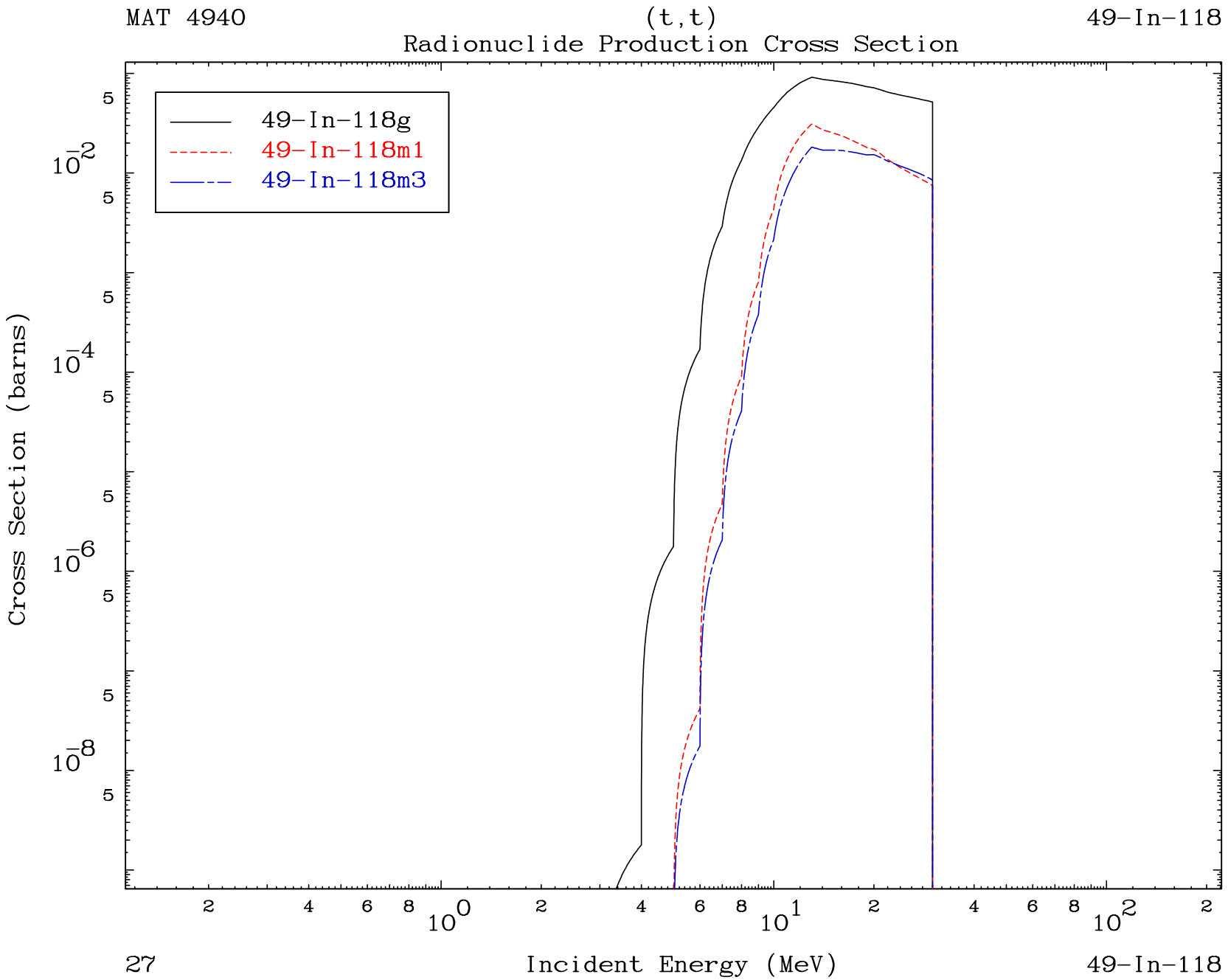

MAT 4940
(t,3n) p
49-In-118
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
49-In-118

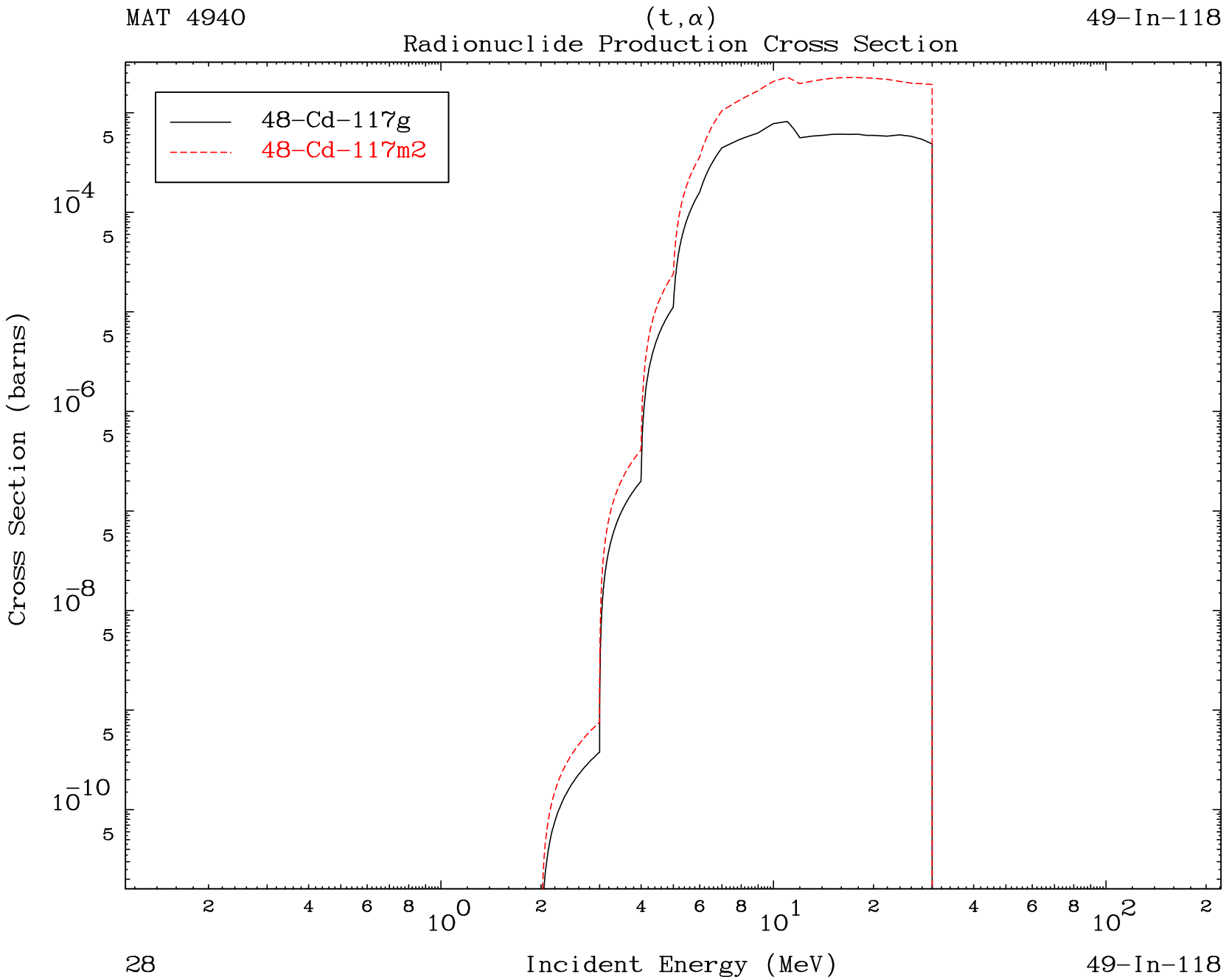

MAT 4940
(t,n') p α
49-In-118
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6
7
8
9
10^1
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
49-In-118

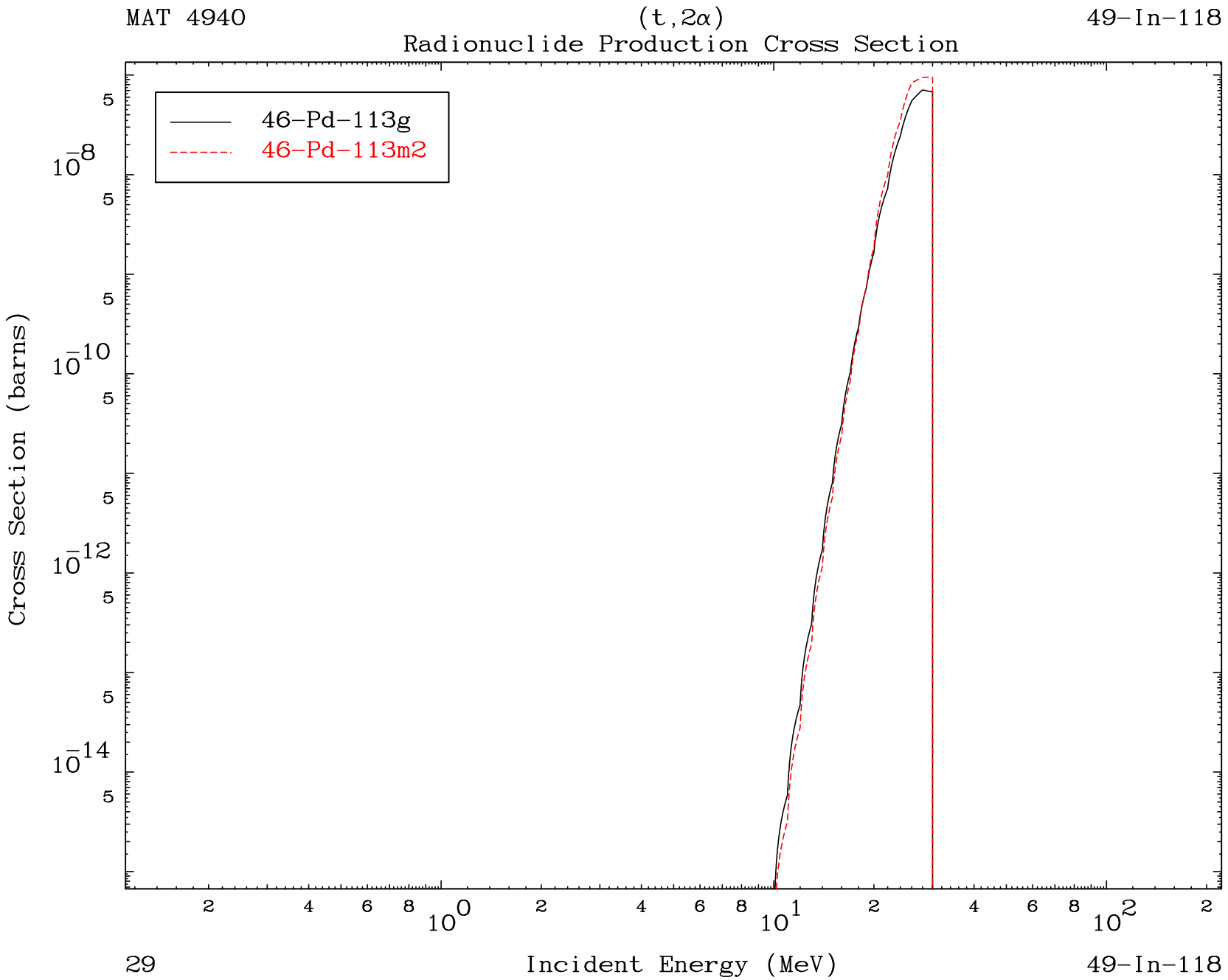

MAT 4940
(t,γ)
49-In-118
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
24
49-In-118

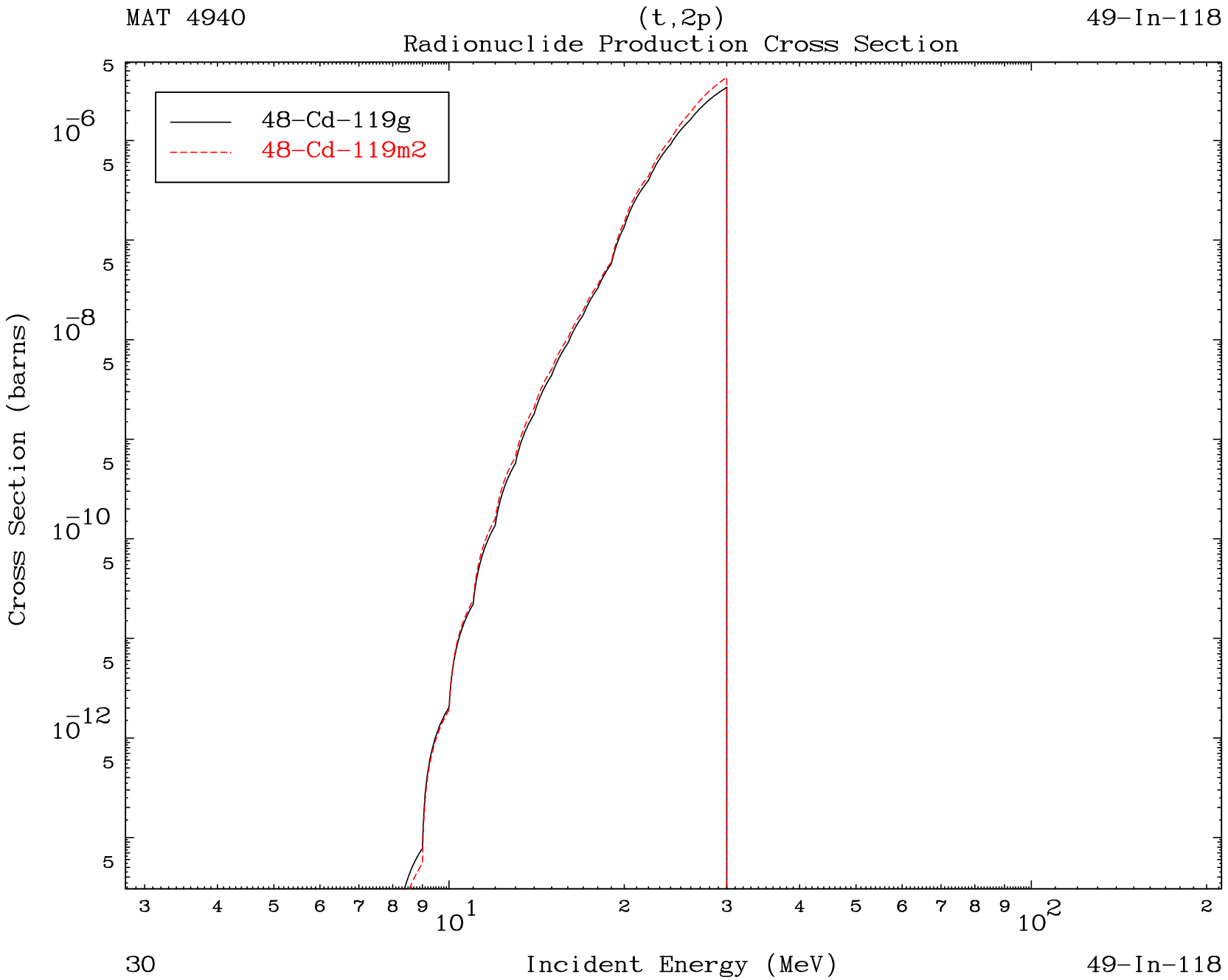

MAT 4940
(t,p)
49-In-118
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
25
49-In-118

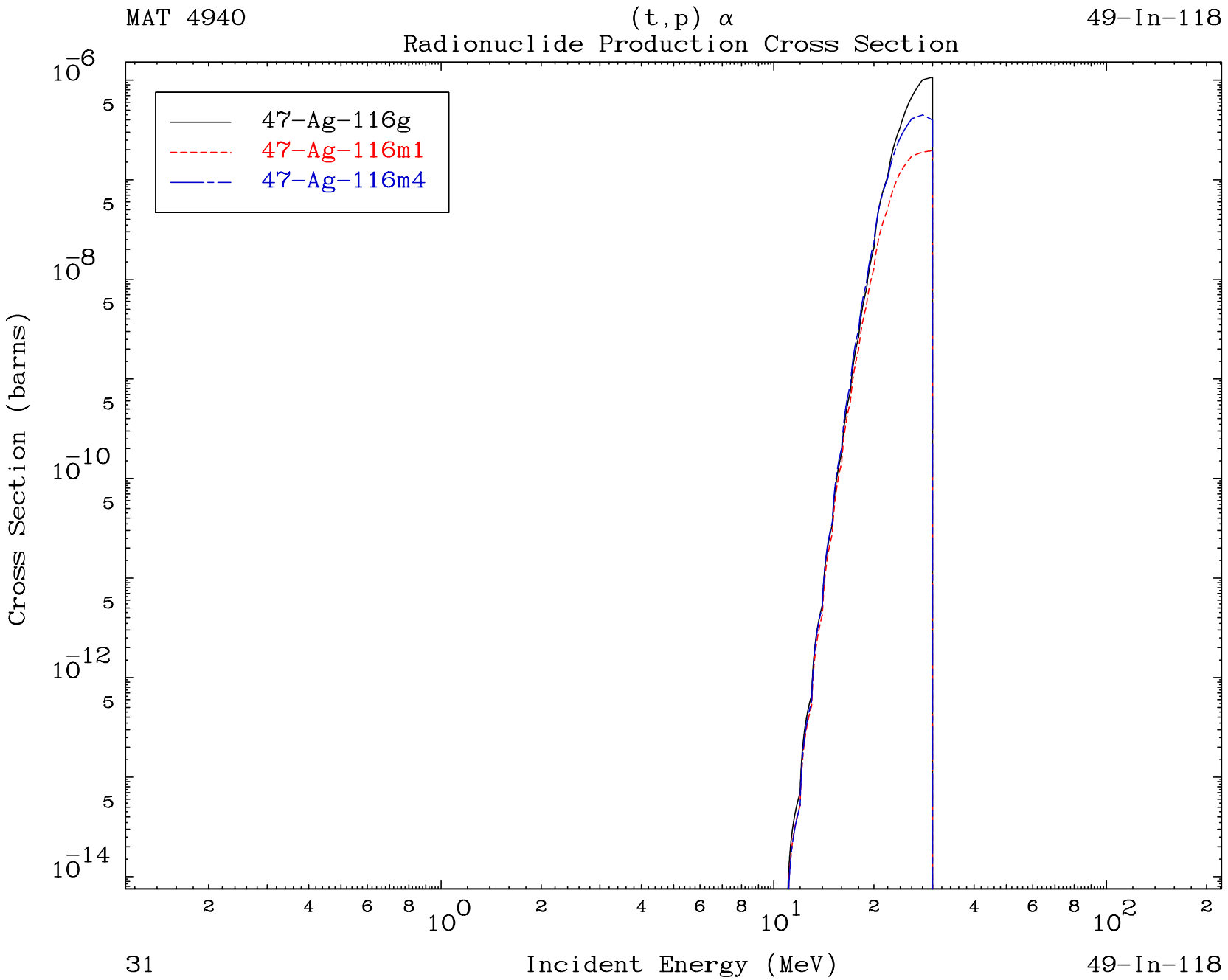

MAT 4940
(t,d)
49-In-118
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
26
49-In-118

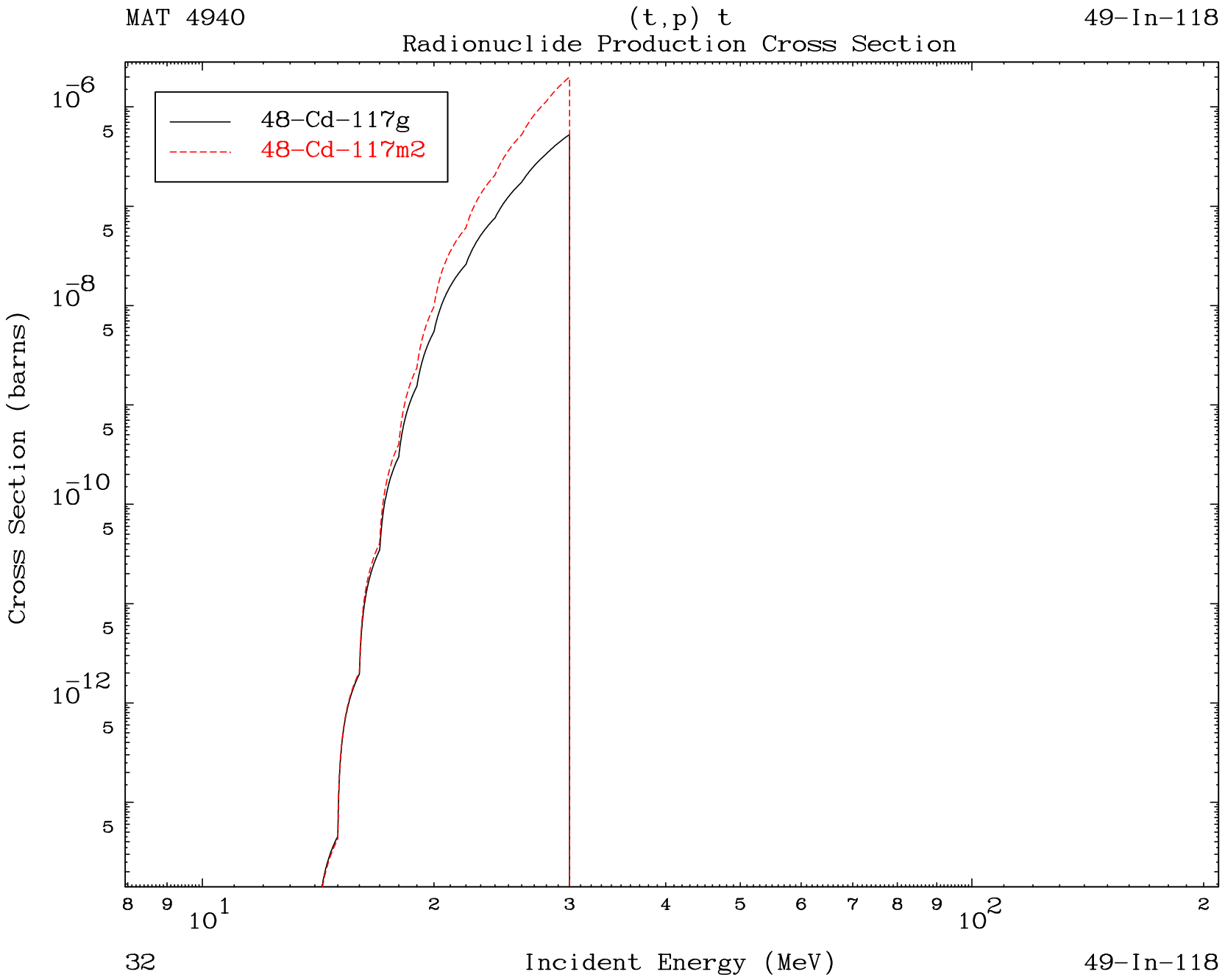

MAT 4940
(t,t)
49-In-118
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
27
49-In-118

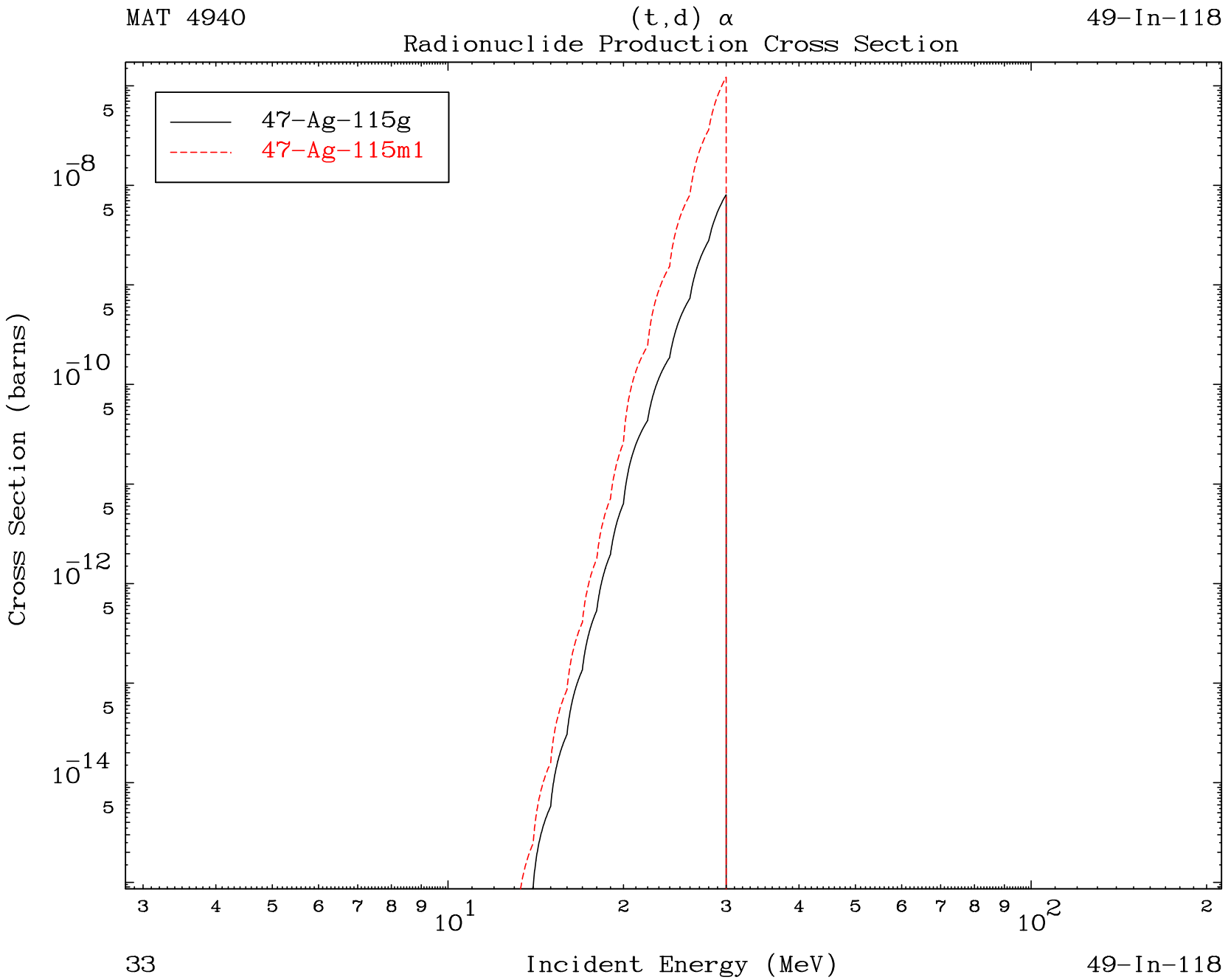

MAT 4940
(t,α)
49-In-118
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10-4
10-6
10-8
10-10
10^0
10^1
10^2
Incident Energy (MeV)
28
49-In-118


MAT 4940
(t,2α)
49-In-118
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
29
49-In-118


MAT 4940
(t,2p)
49-In-118
Radionuclide Production Cross Section
48-Cd-119g
48-Cd-119m2
Cross Section (barns)
Incident Energy (MeV)
30
49-In-118


MAT 4940
(t,p) α
49-In-118
Radionuclide Production Cross Section
47-Ag-116g
47-Ag-116m1
47-Ag-116m4
Cross Section (barns)
Incident Energy (MeV)
31
49-In-118


MAT 4940
(t,p) t
49-In-118
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
32
Incident Energy (MeV)
49-In-118


MAT 4940
(t,d) α
49-In-118
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3 4 5 6 7 8 9
10 1
2 3 4 5 6 7 8 9
10 2
2
33
Incident Energy (MeV)
49-In-118