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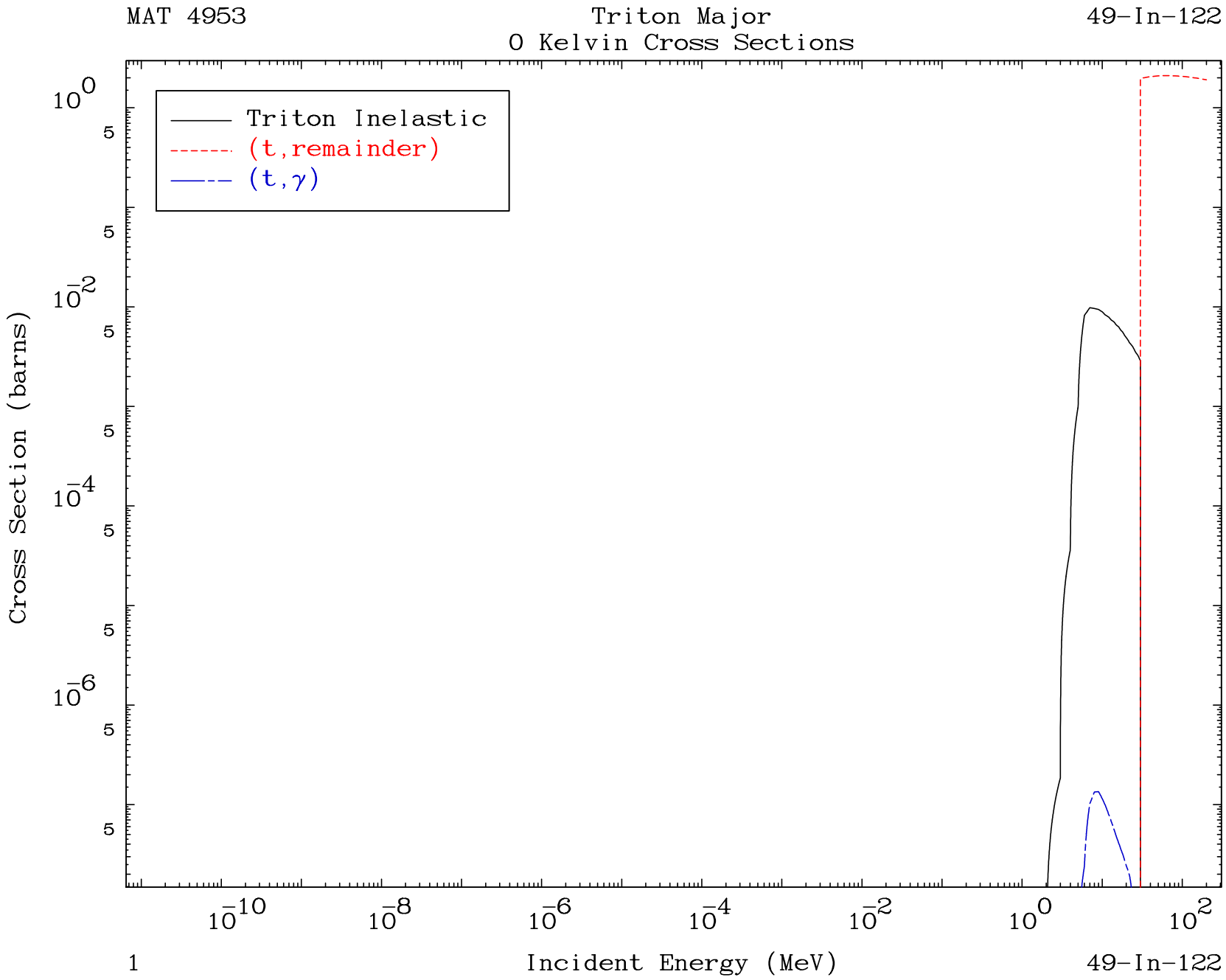
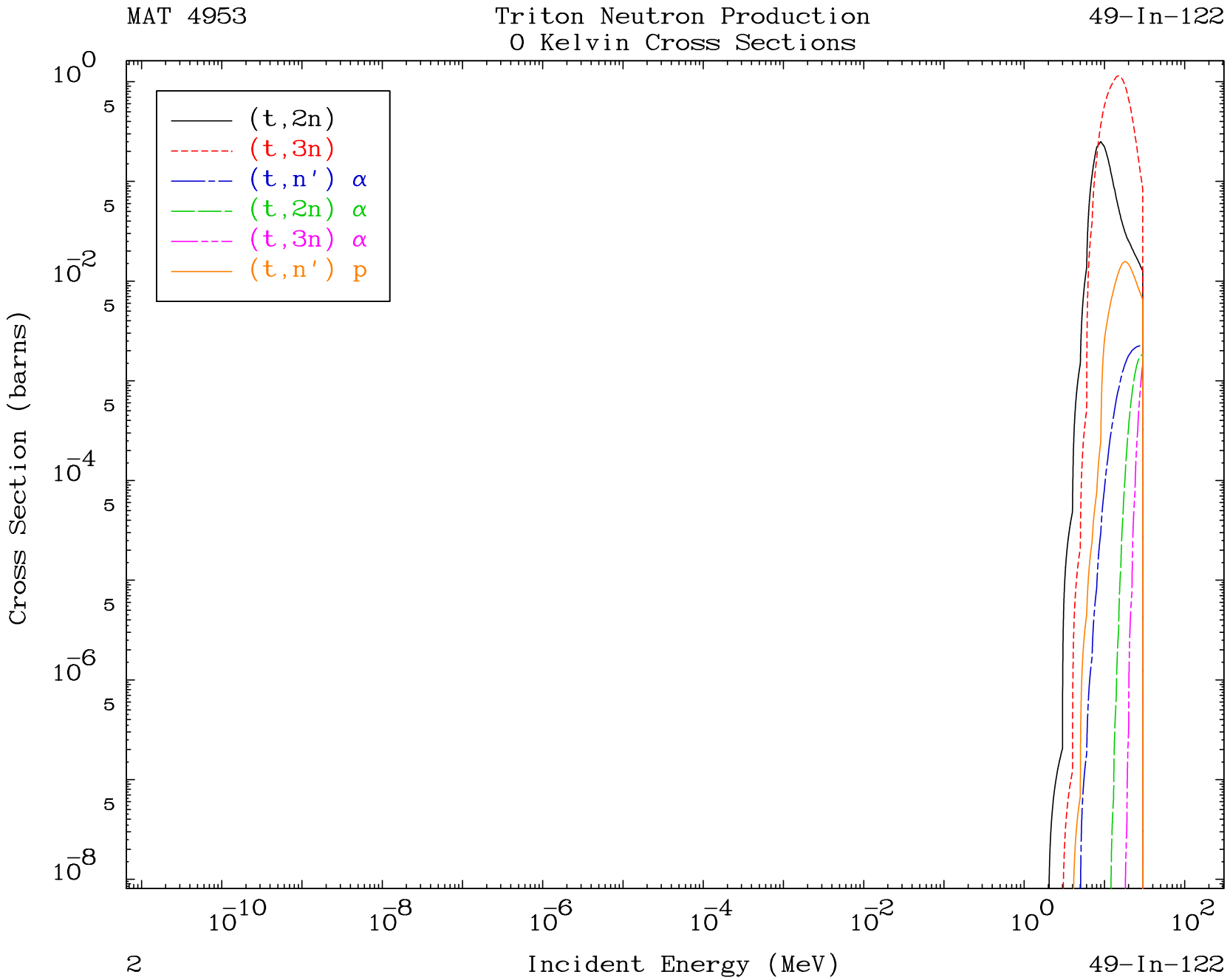
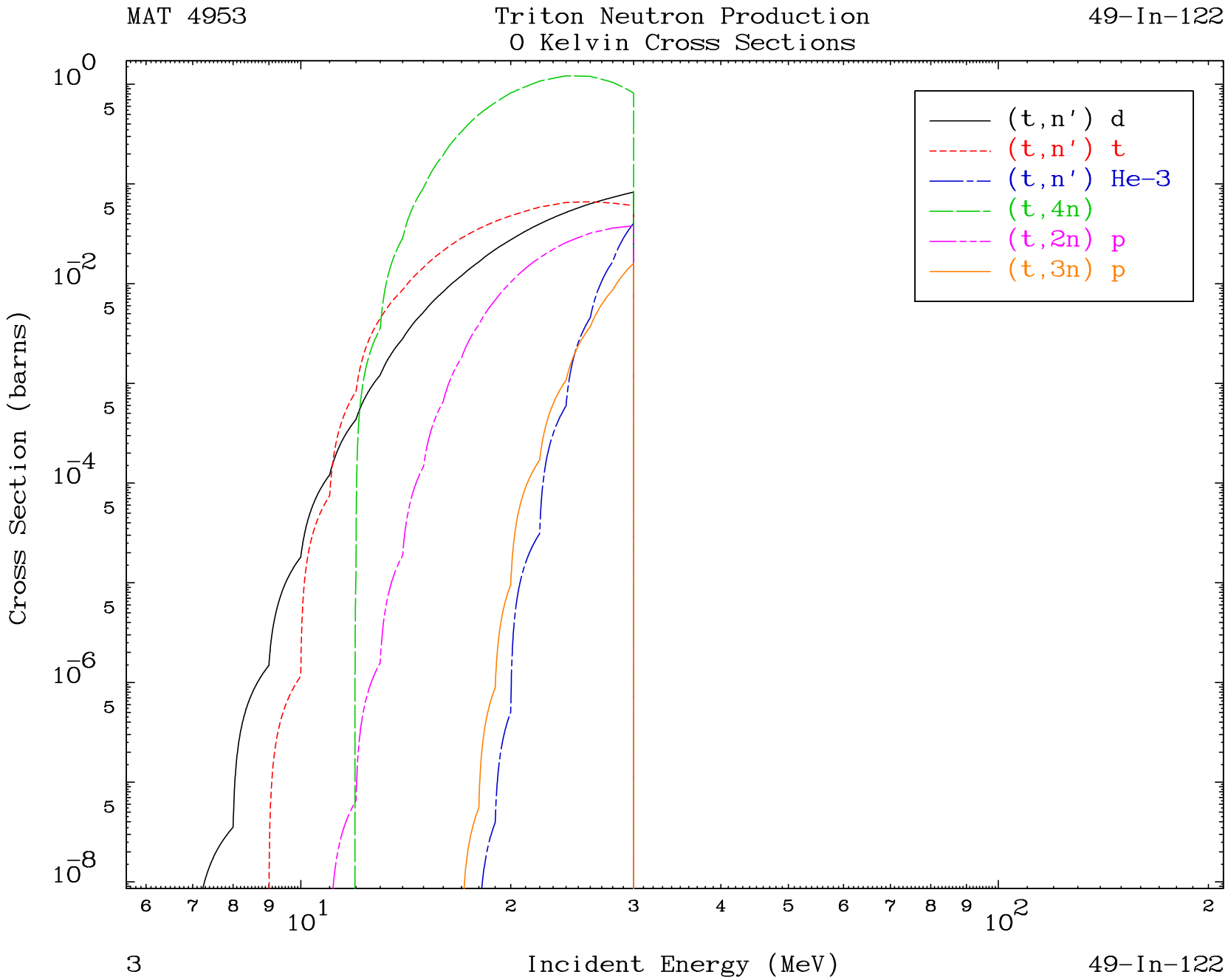
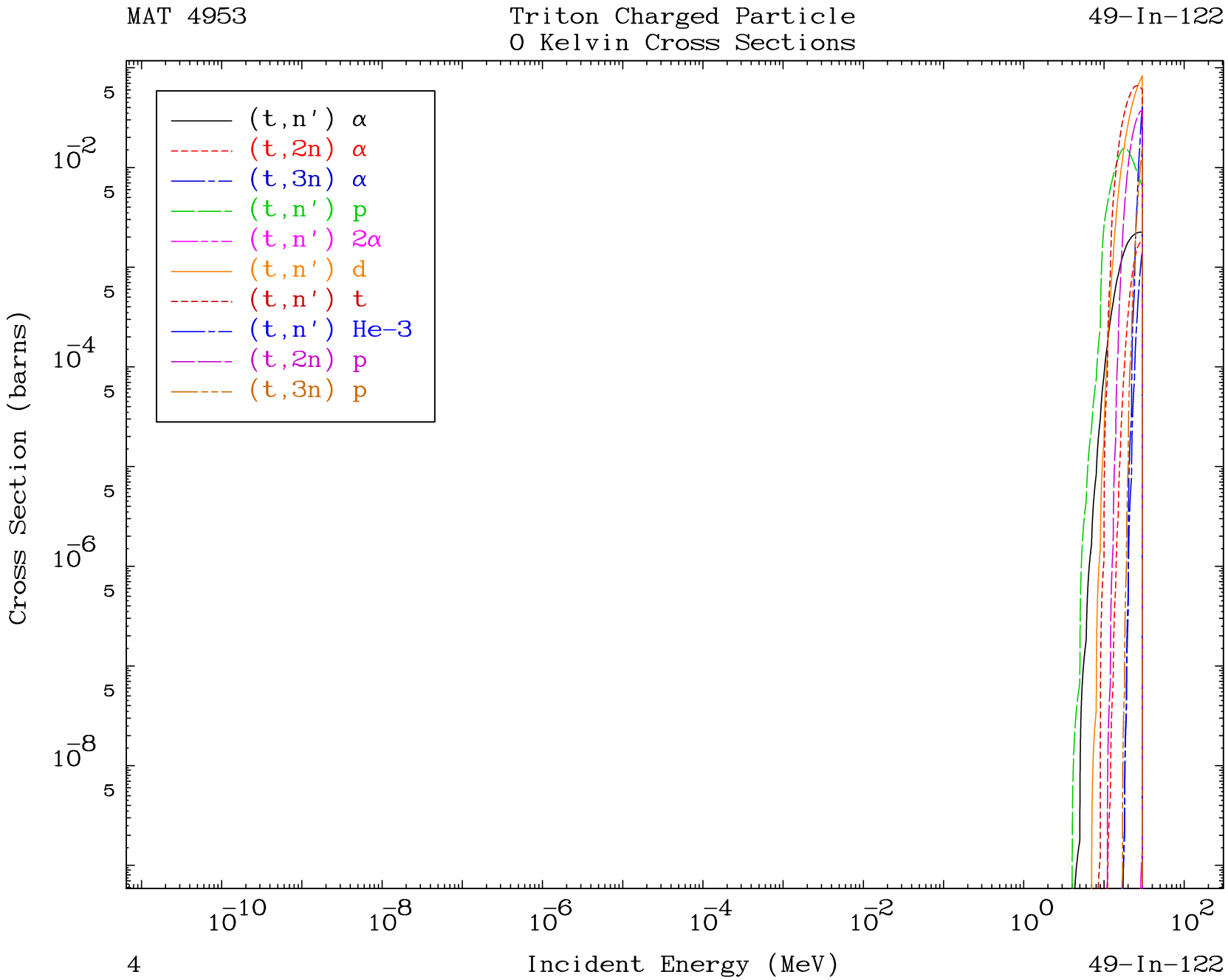
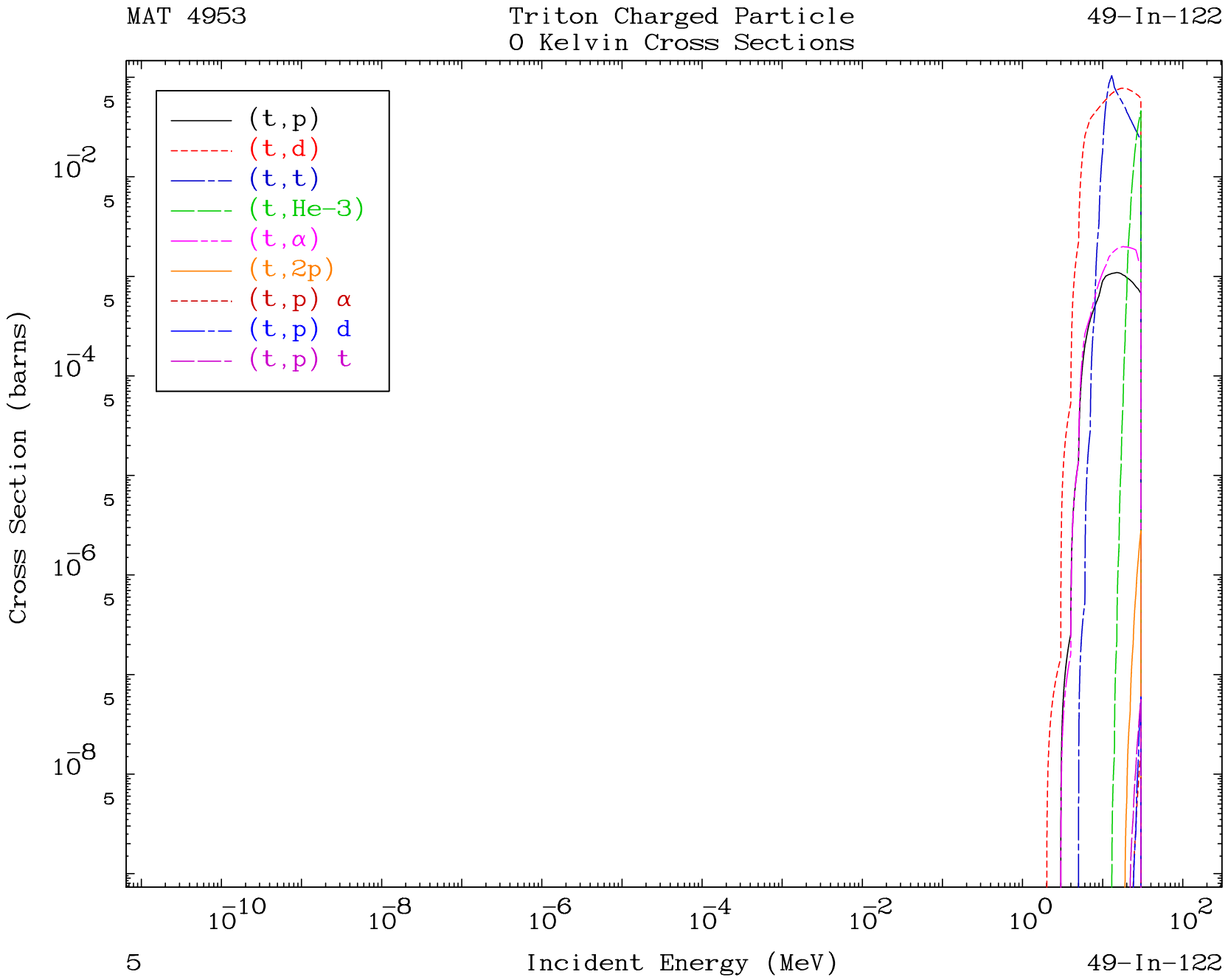
Press Mouse Button to Start

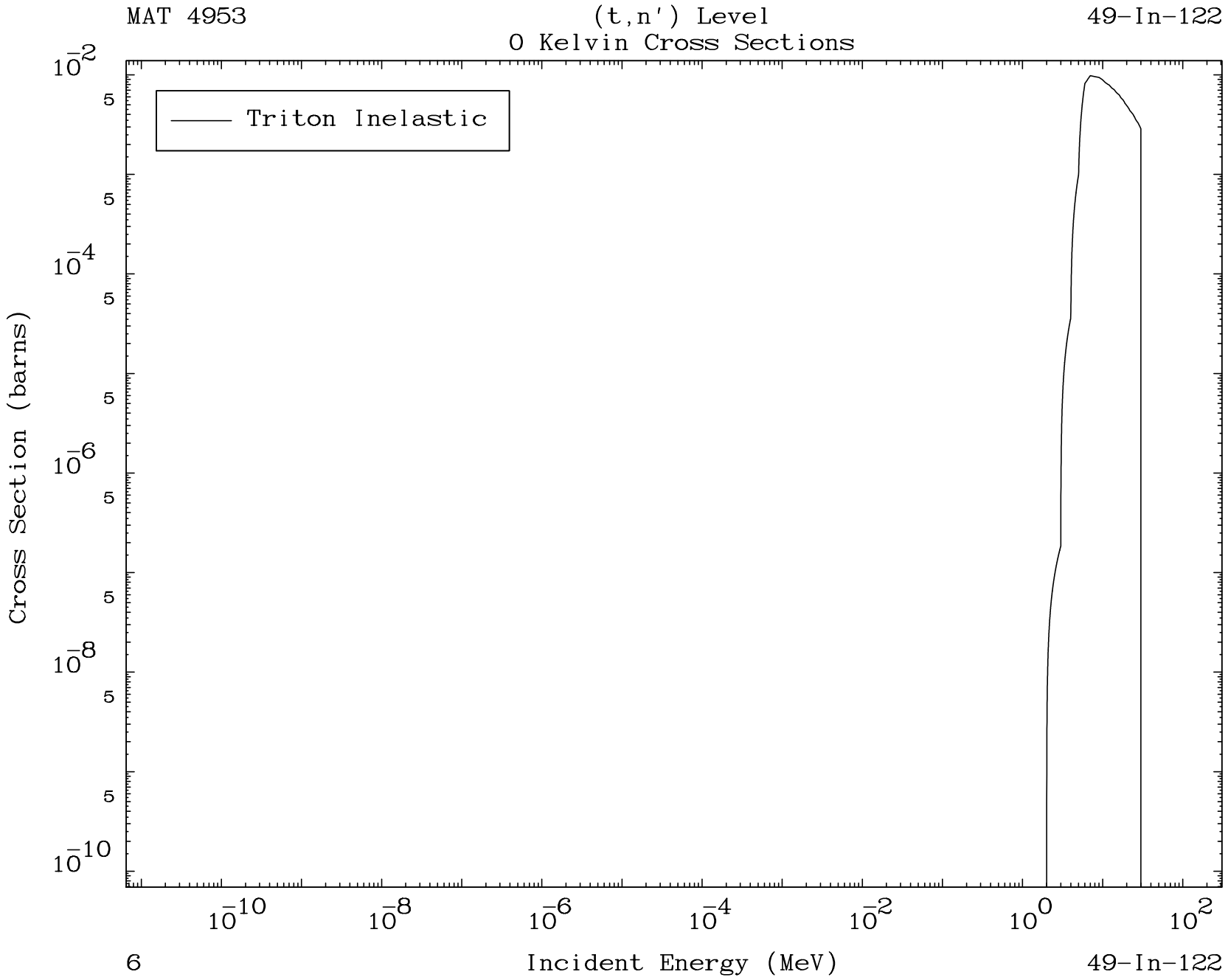

MAT 4953
Triton Major
49-In-122
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
49-In-122

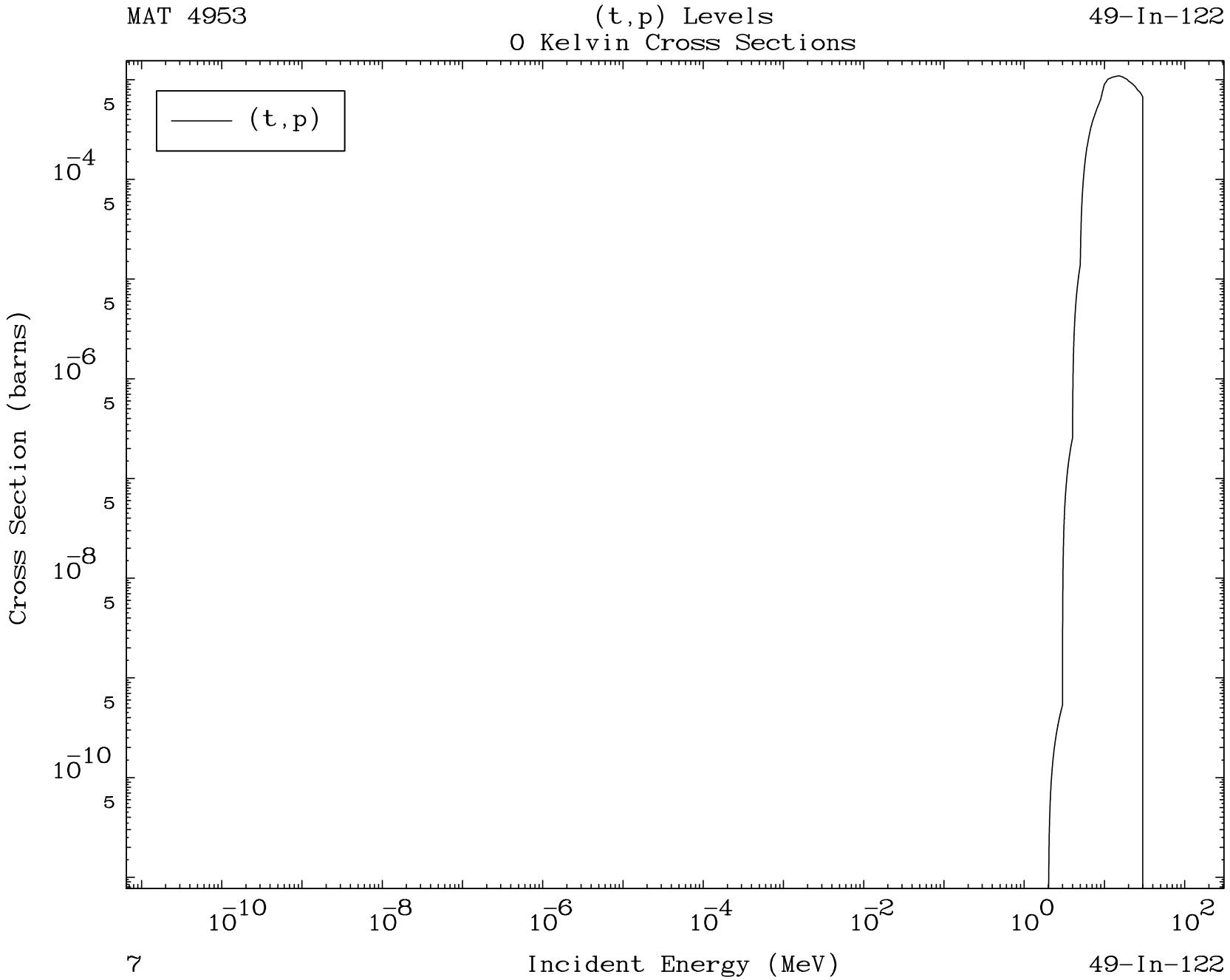

MAT 4953
Triton Neutron Production
0 Kelvin Cross Sections
49-In-122
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
Cross Section (barns)
Incident Energy (MeV)
2
49-In-122

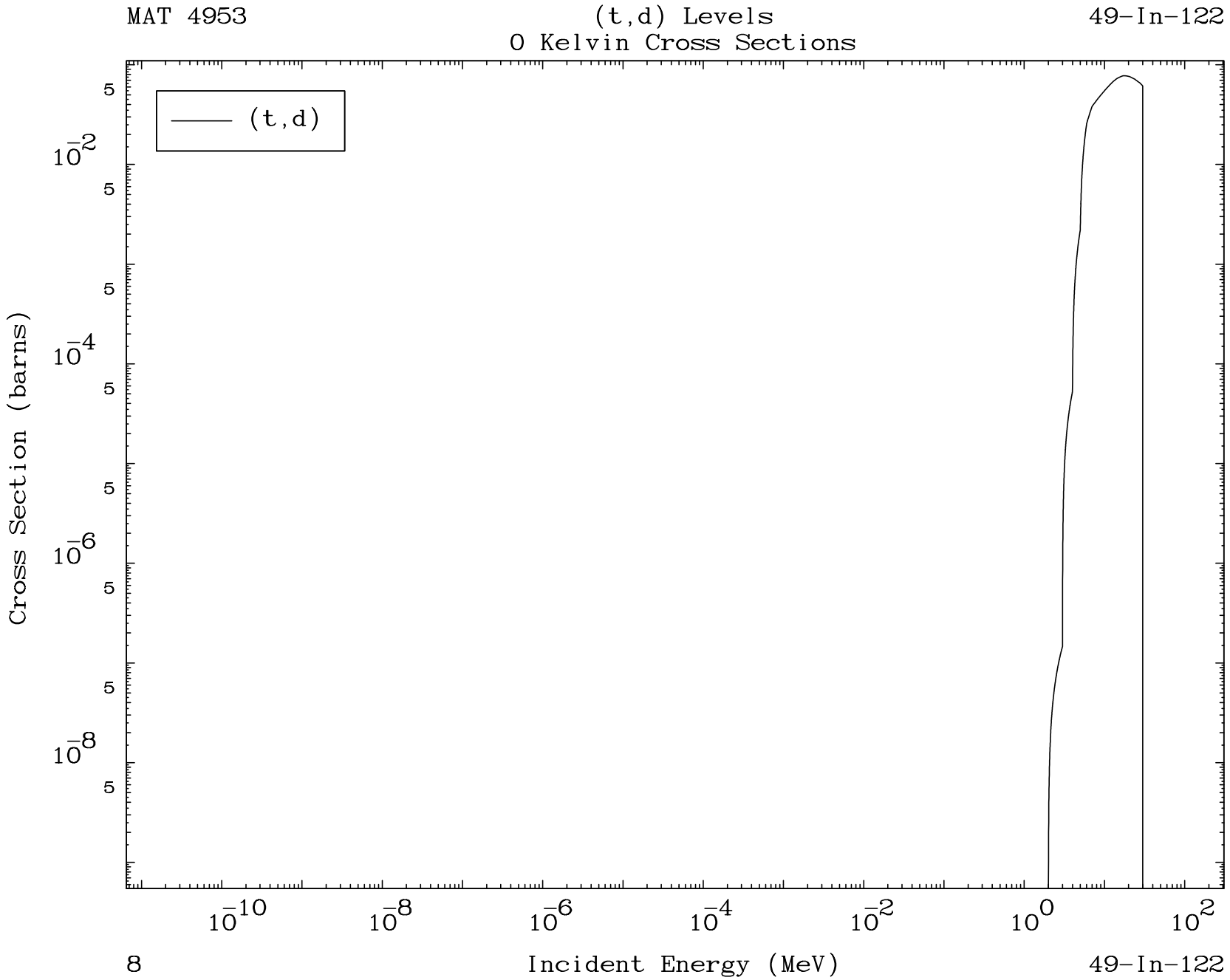

MAT 4953
Triton Neutron Production
0 Kelvin Cross Sections
49-In-122
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
49-In-122

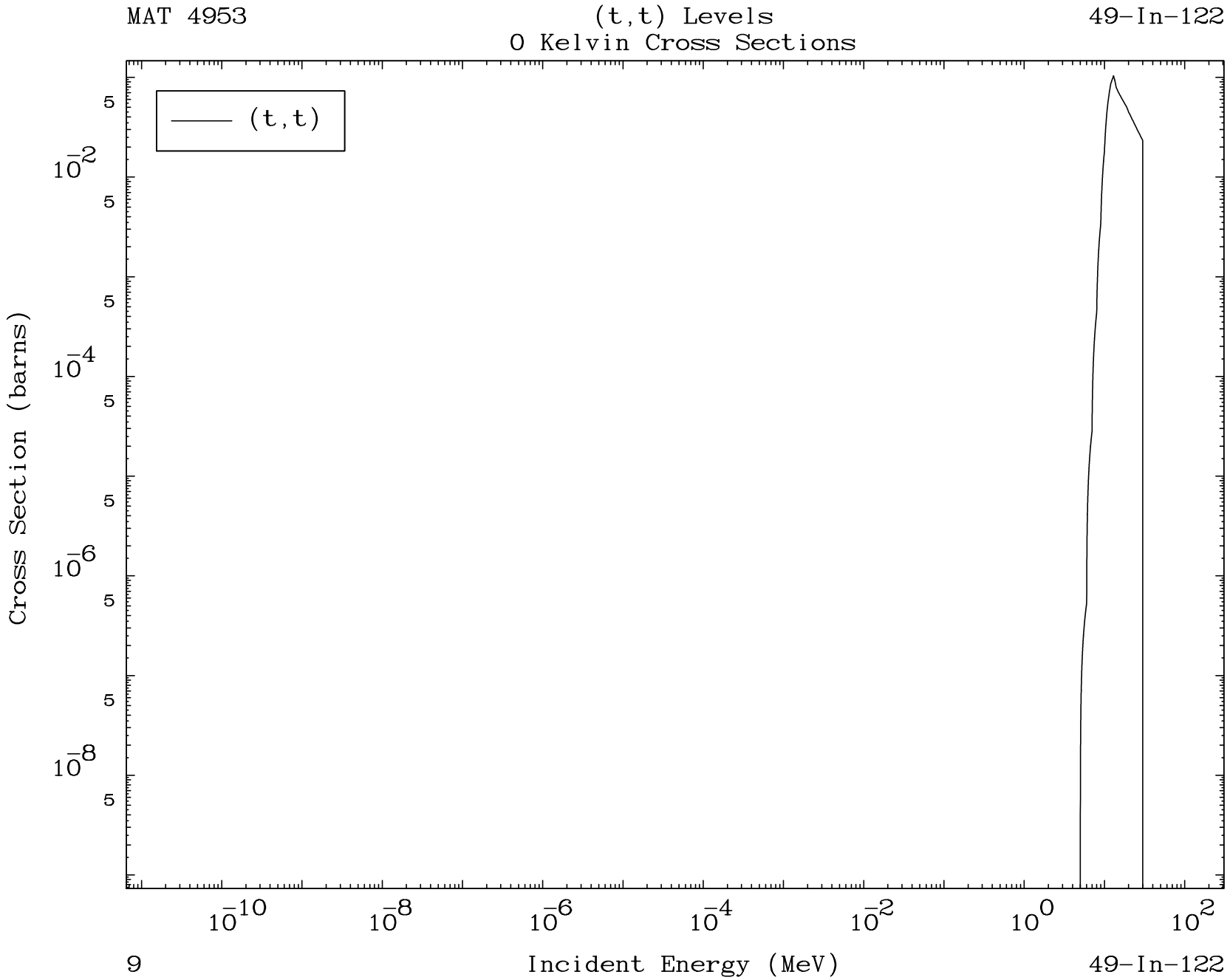

MAT 4953
Triton Charged Particle
0 Kelvin Cross Sections
49-In-122
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
49-In-122

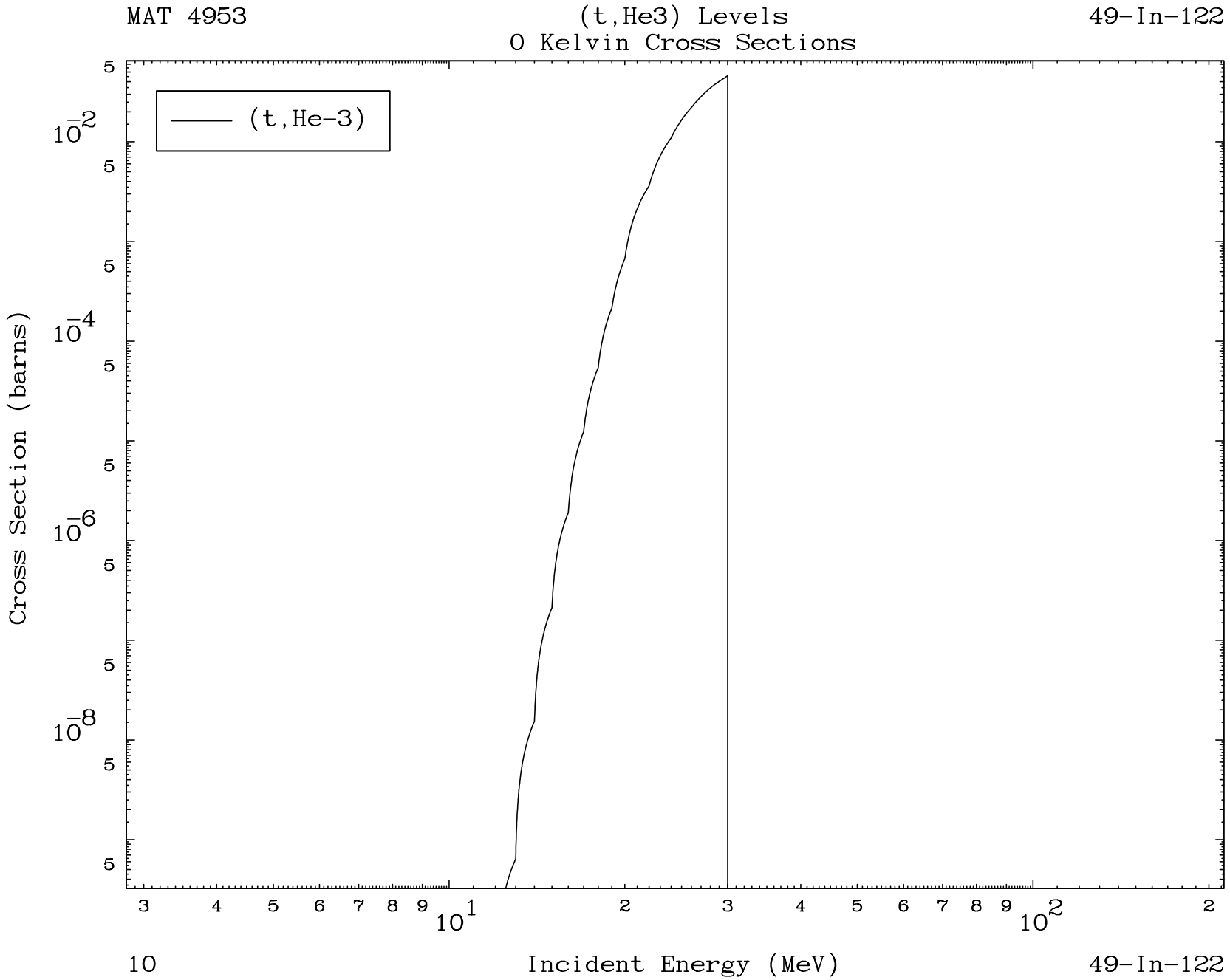

MAT 4953
Triton Charged Particle
0 Kelvin Cross Sections
49-In-122
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
49-In-122

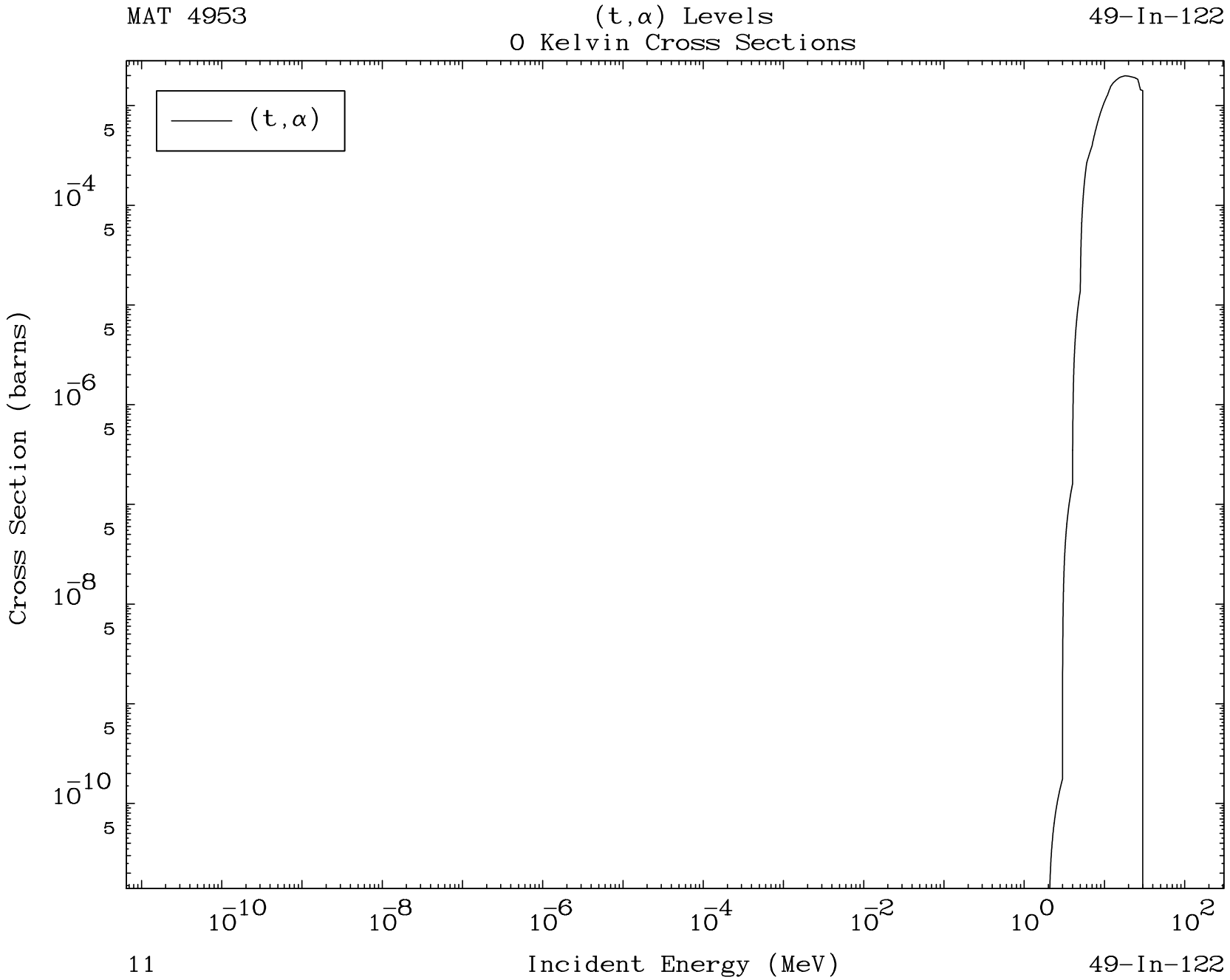

MAT 4953
(t,n') Level
49-In-122
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
49-In-122

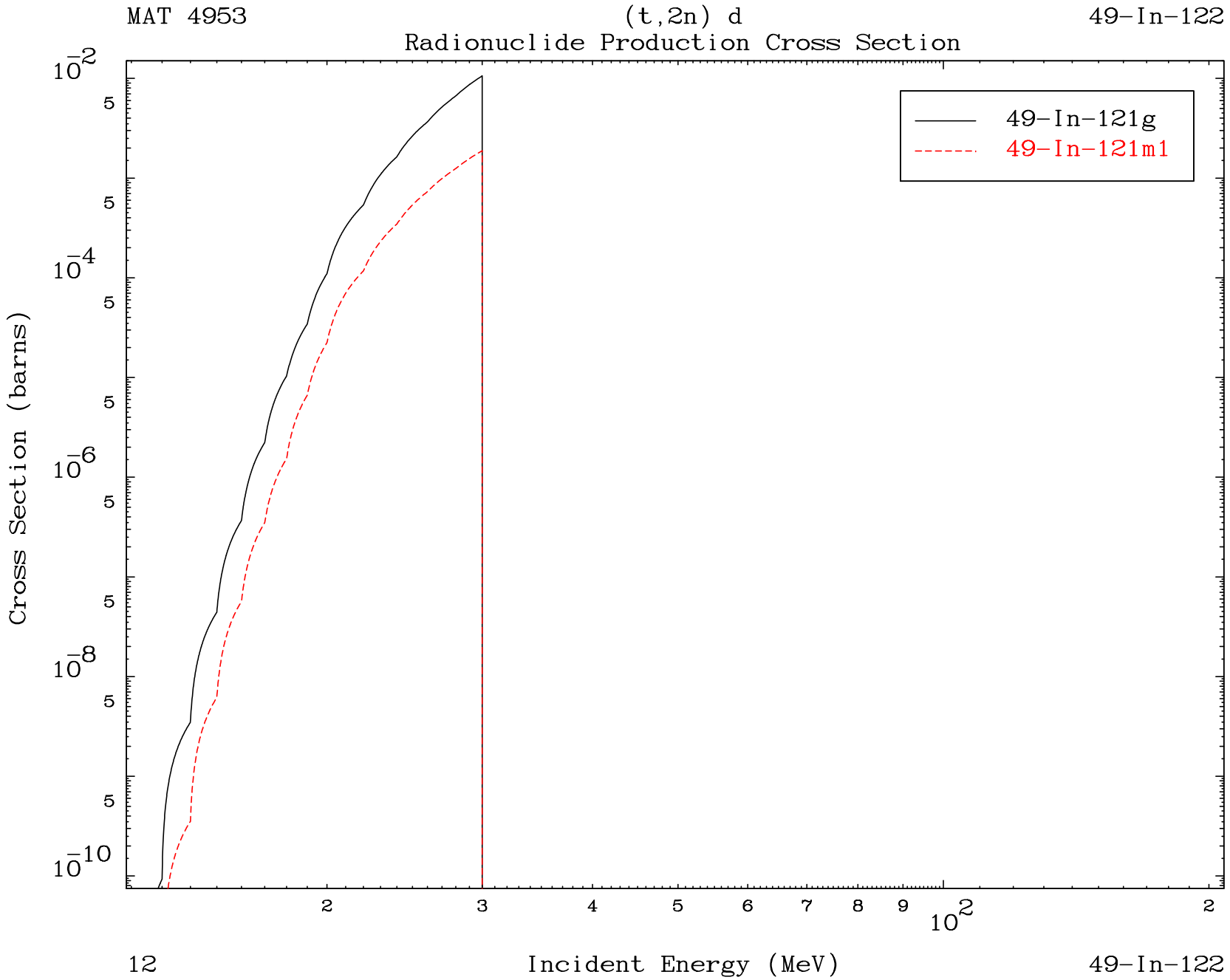

MAT 4953
(t,p) Levels
49-In-122
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-122

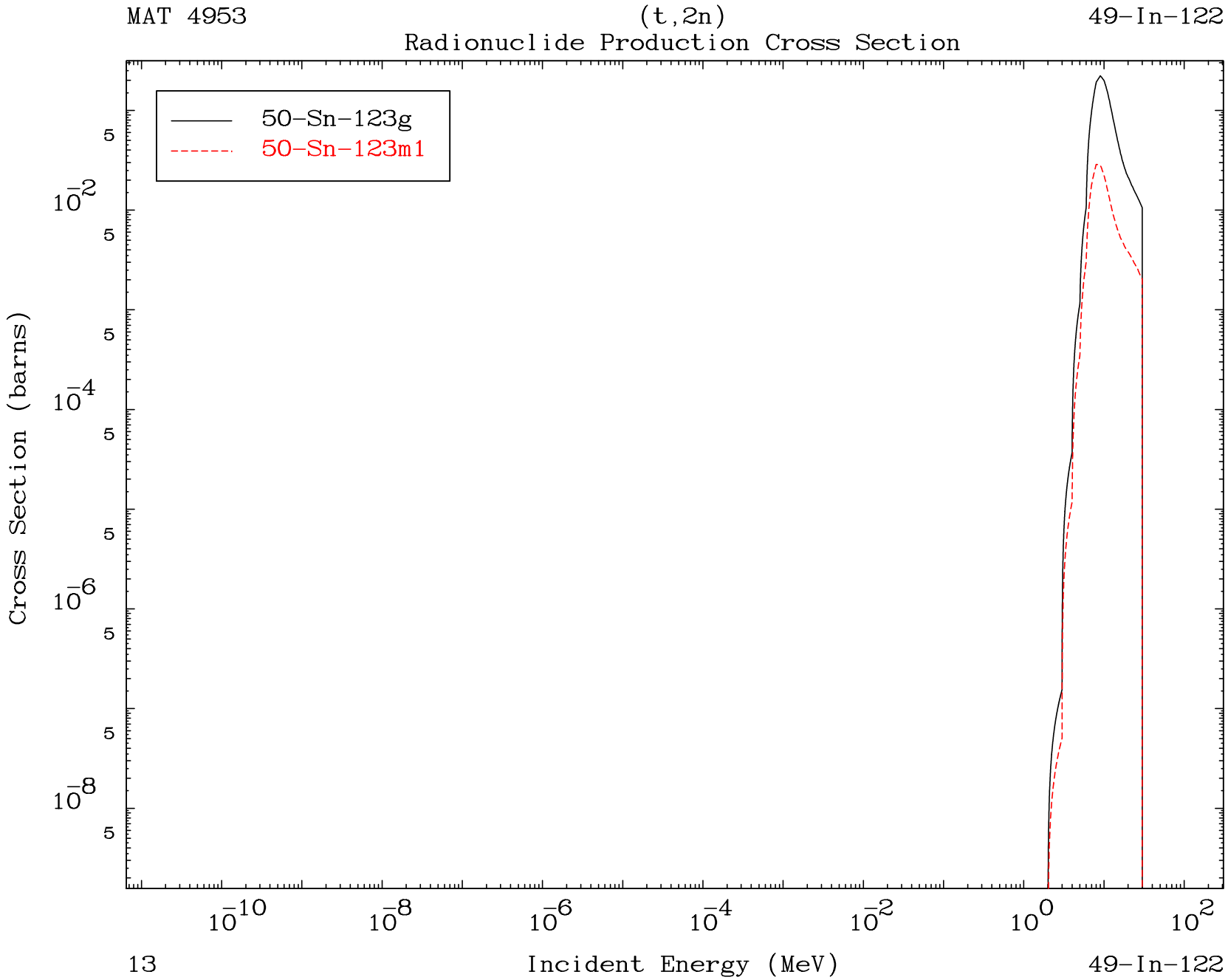

MAT 4953
(t,d) Levels
49-In-122
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-122

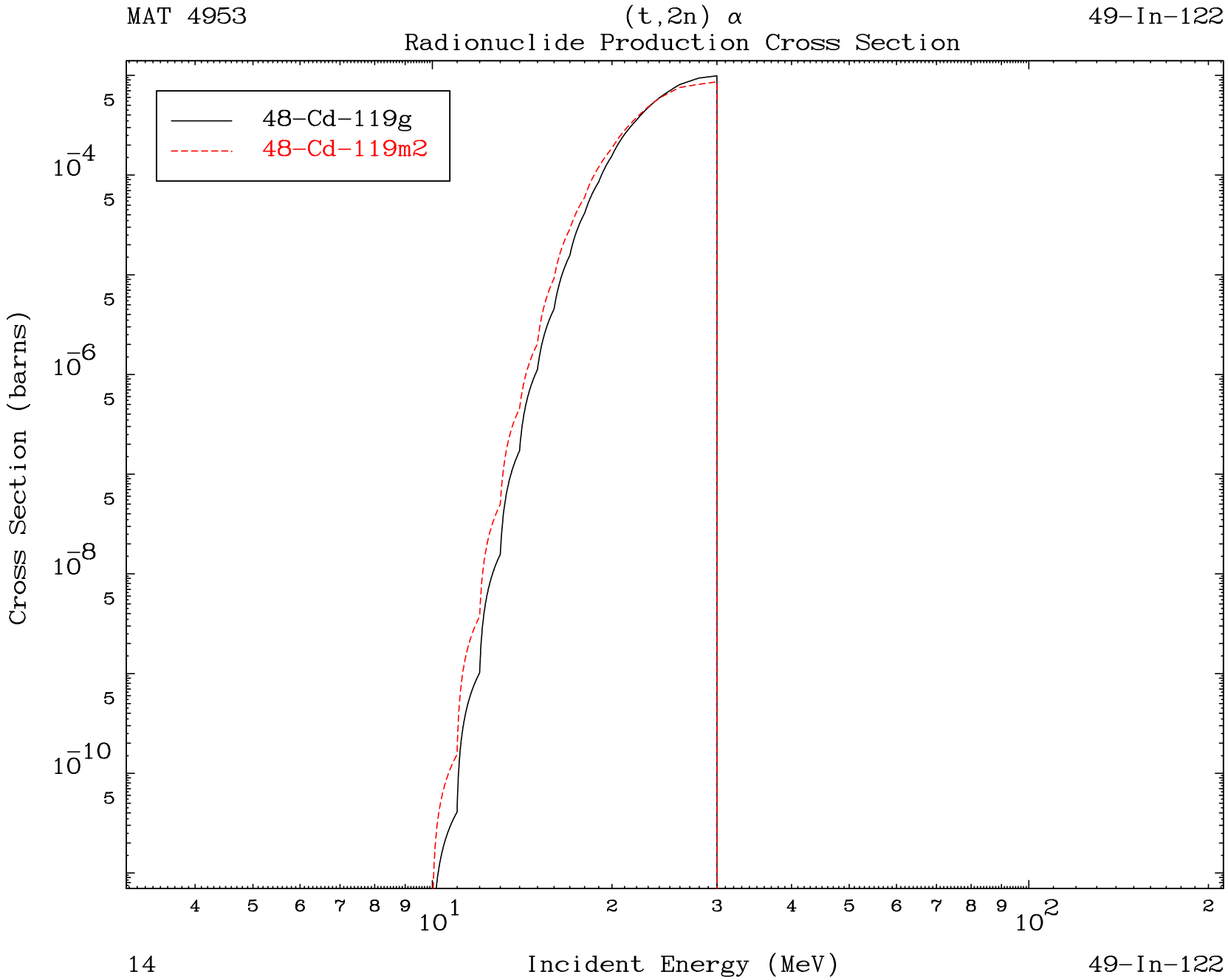

MAT 4953
(t,t) Levels
49-In-122
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-122

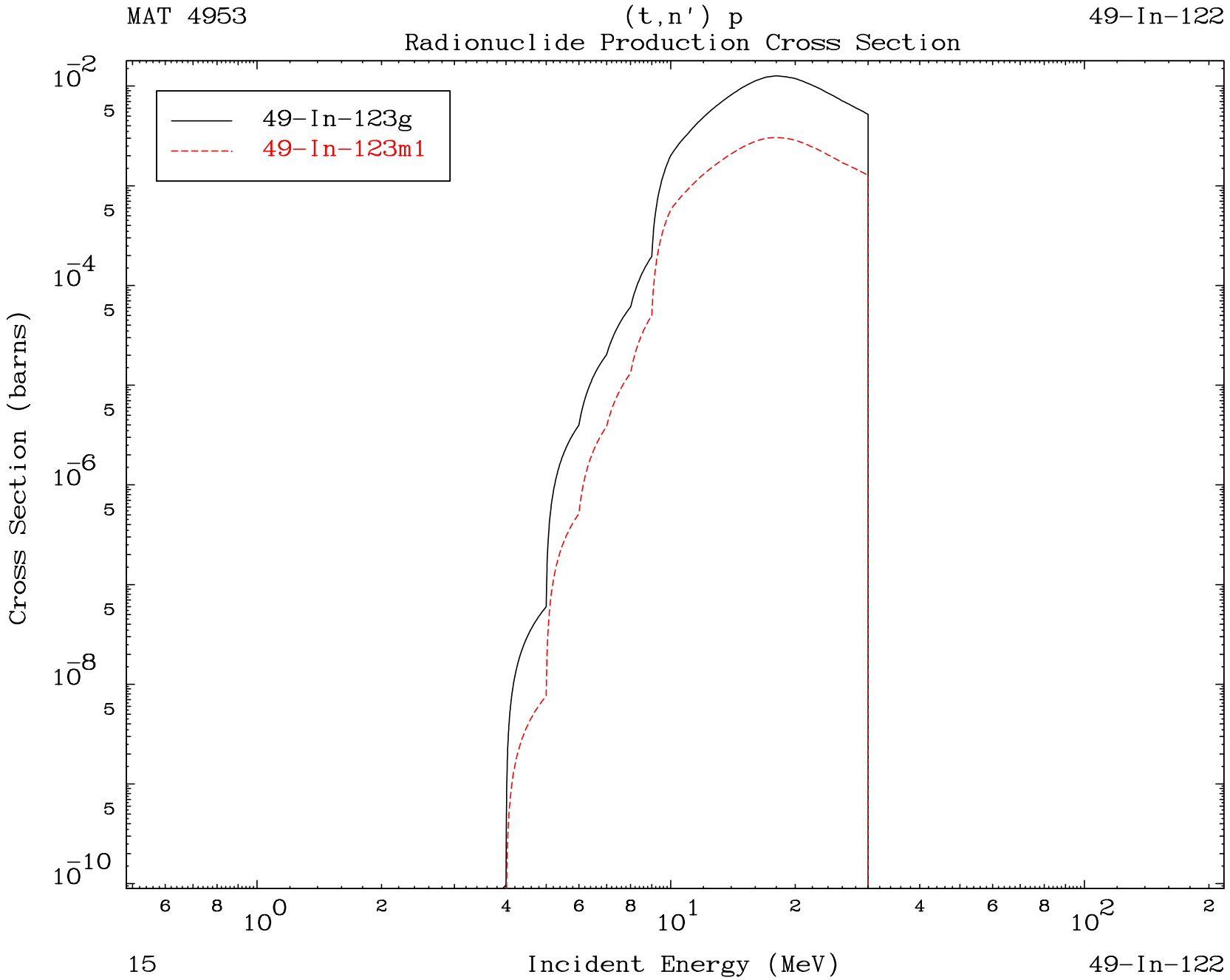

MAT 4953
(t,He3) Levels
49-In-122
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
49-In-122

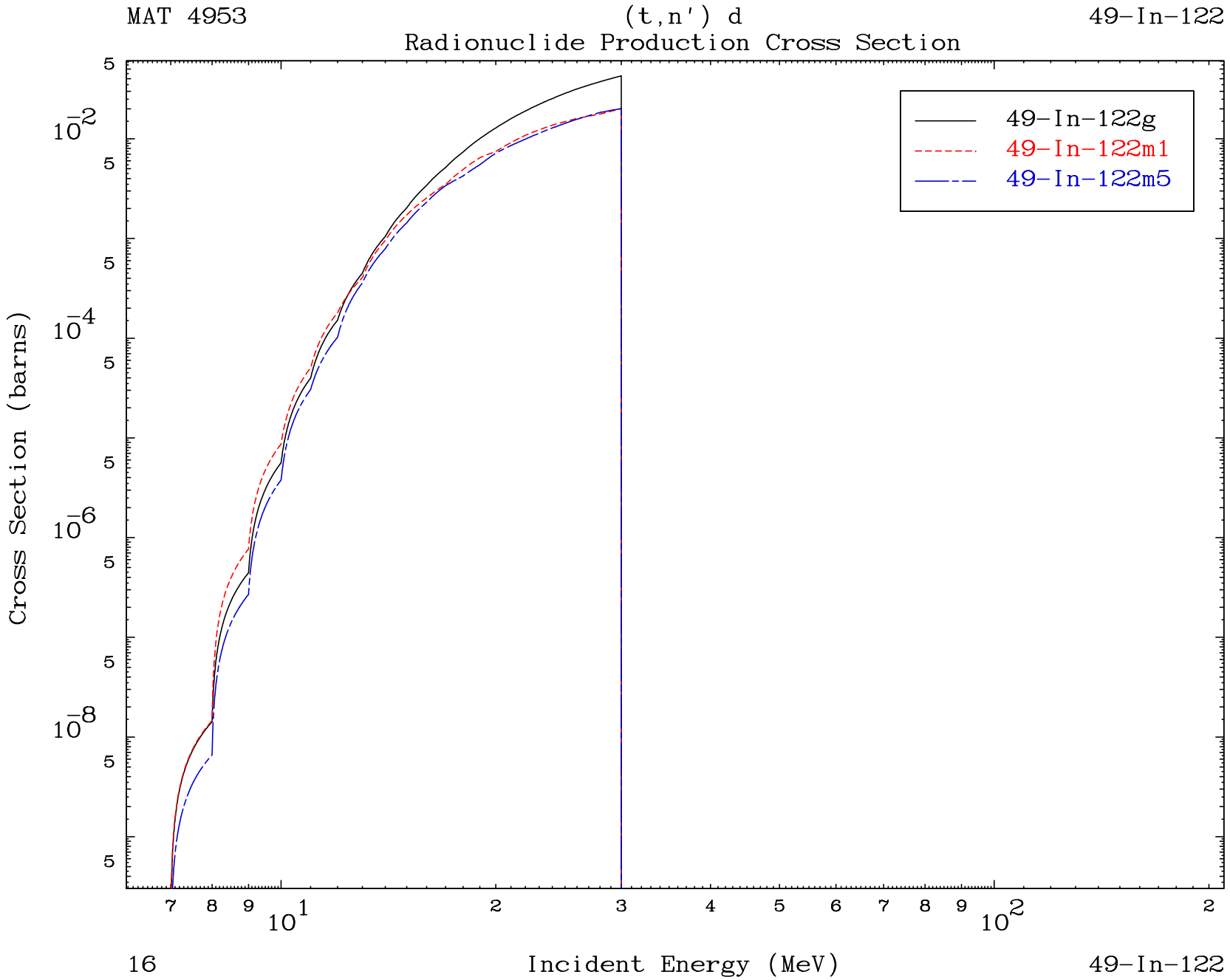

MAT 4953
(t,α) Levels
49-In-122
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
49-In-122

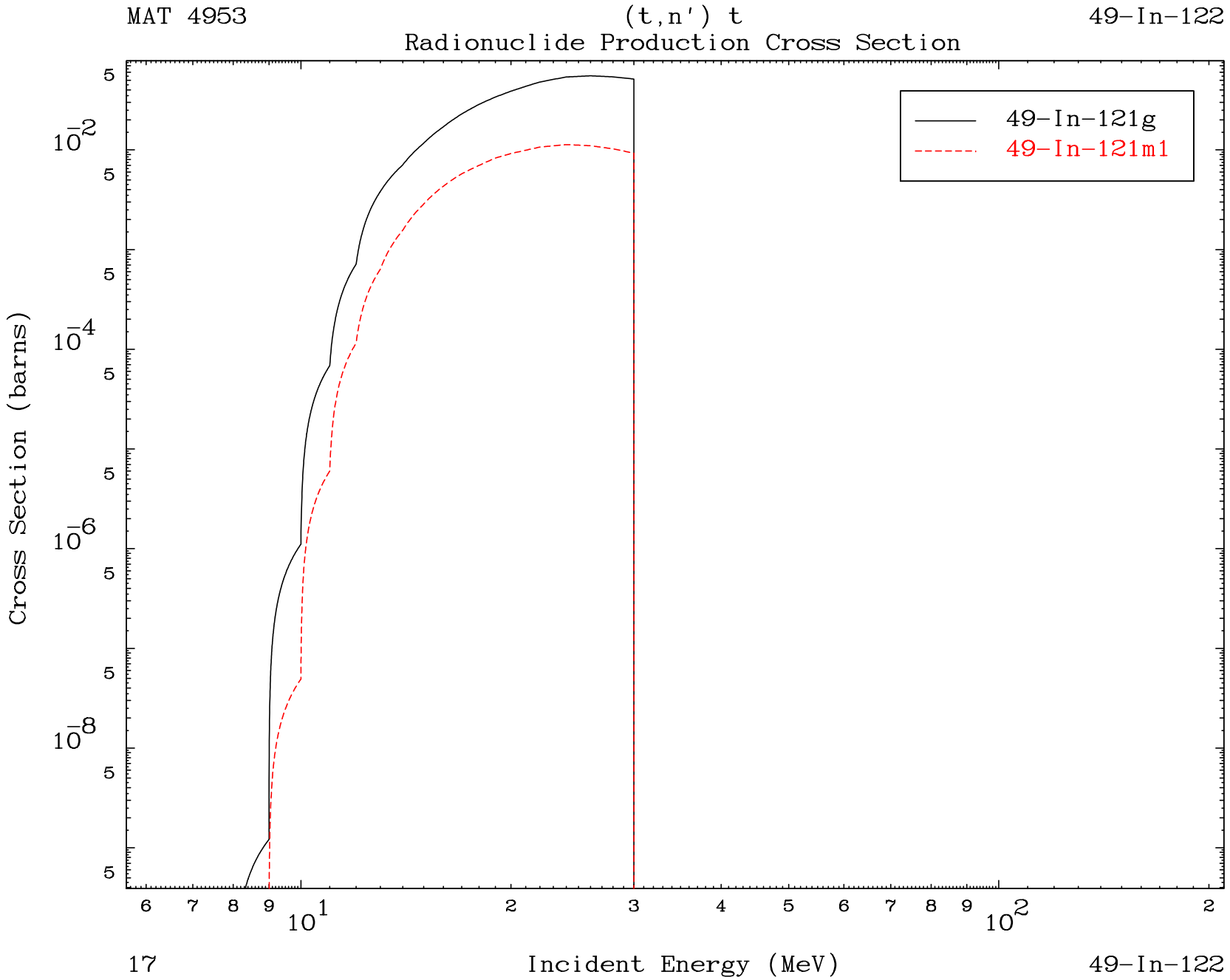

MAT 4953
(t,2n) d
49-In-122
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
12
49-In-122

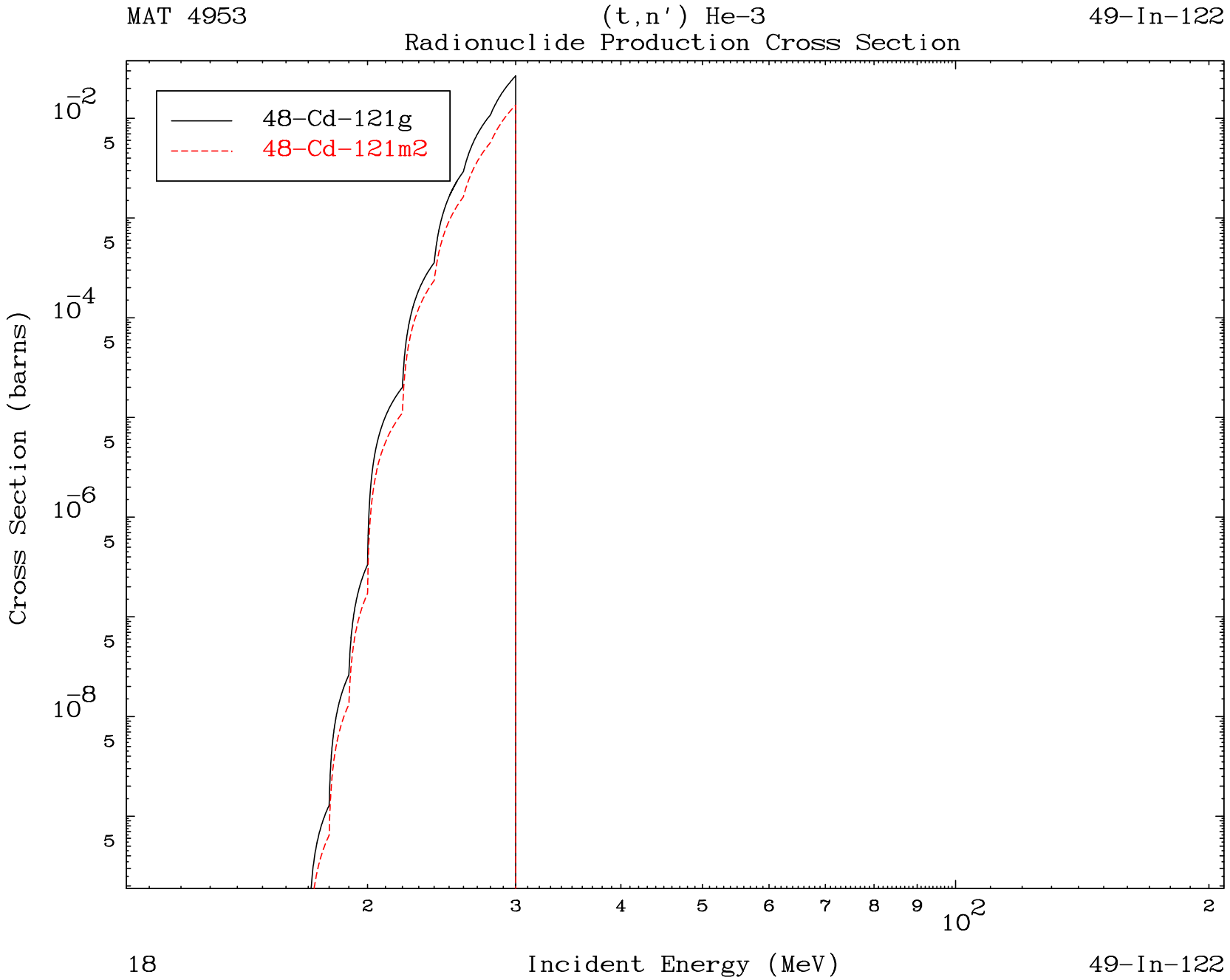

MAT 4953
(t,2n)
49-In-122
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
13
Incident Energy (MeV)
49-In-122

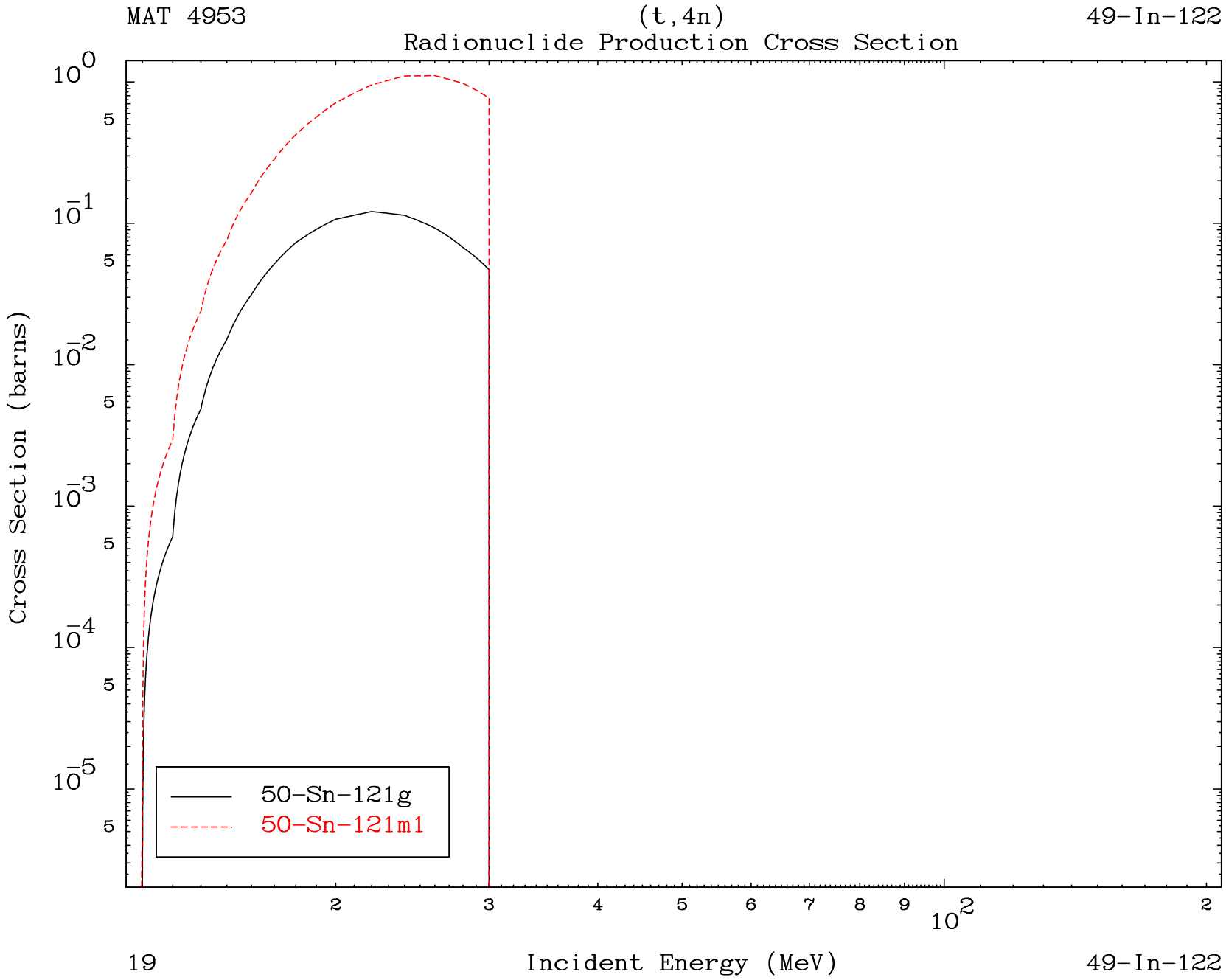

MAT 4953
(t,2n) α
49-In-122
Radionuclide Production Cross Section
48-Cd-119g
48-Cd-119m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
14
49-In-122

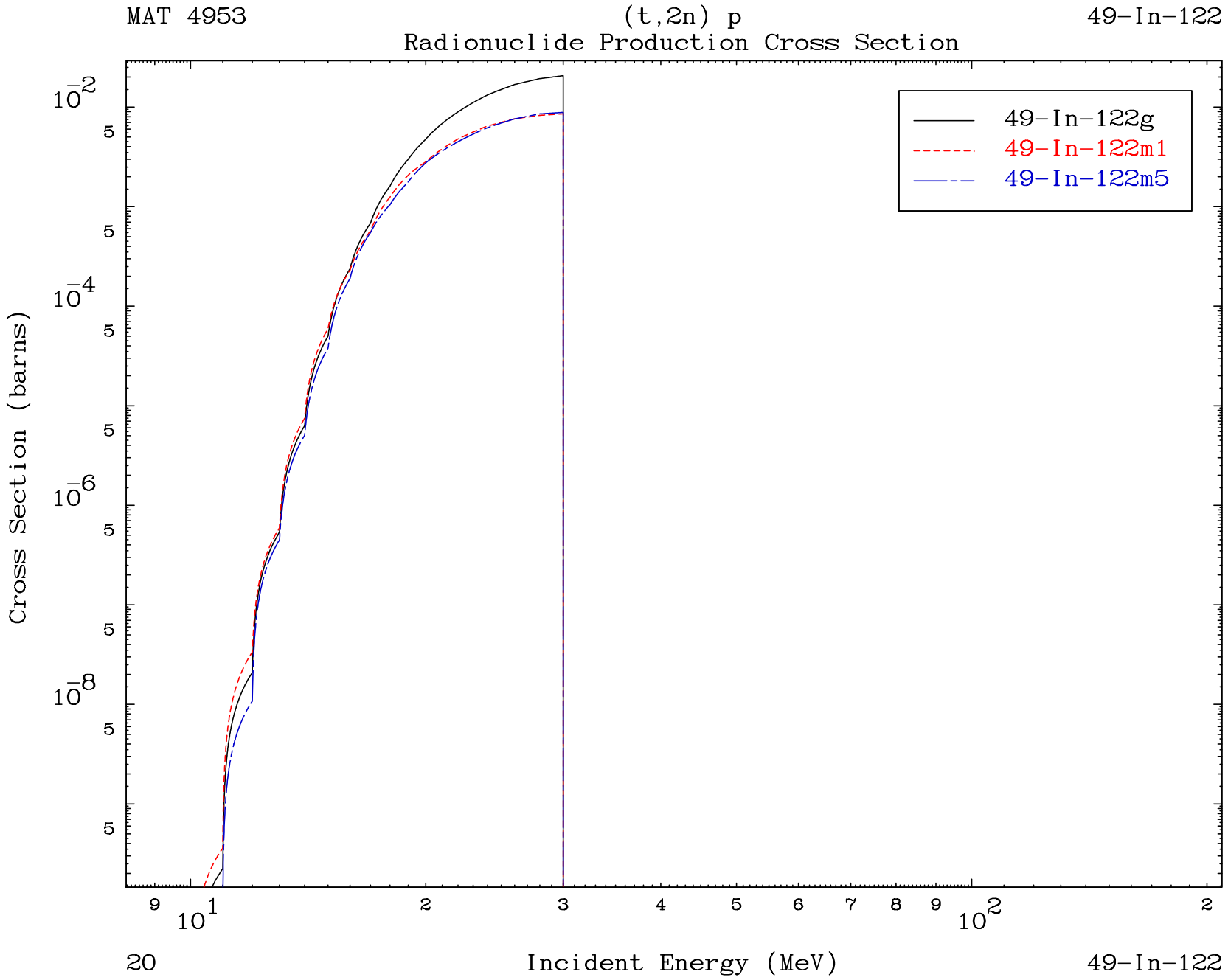

MAT 4953
(t,n') p
49-In-122
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
15
49-In-122

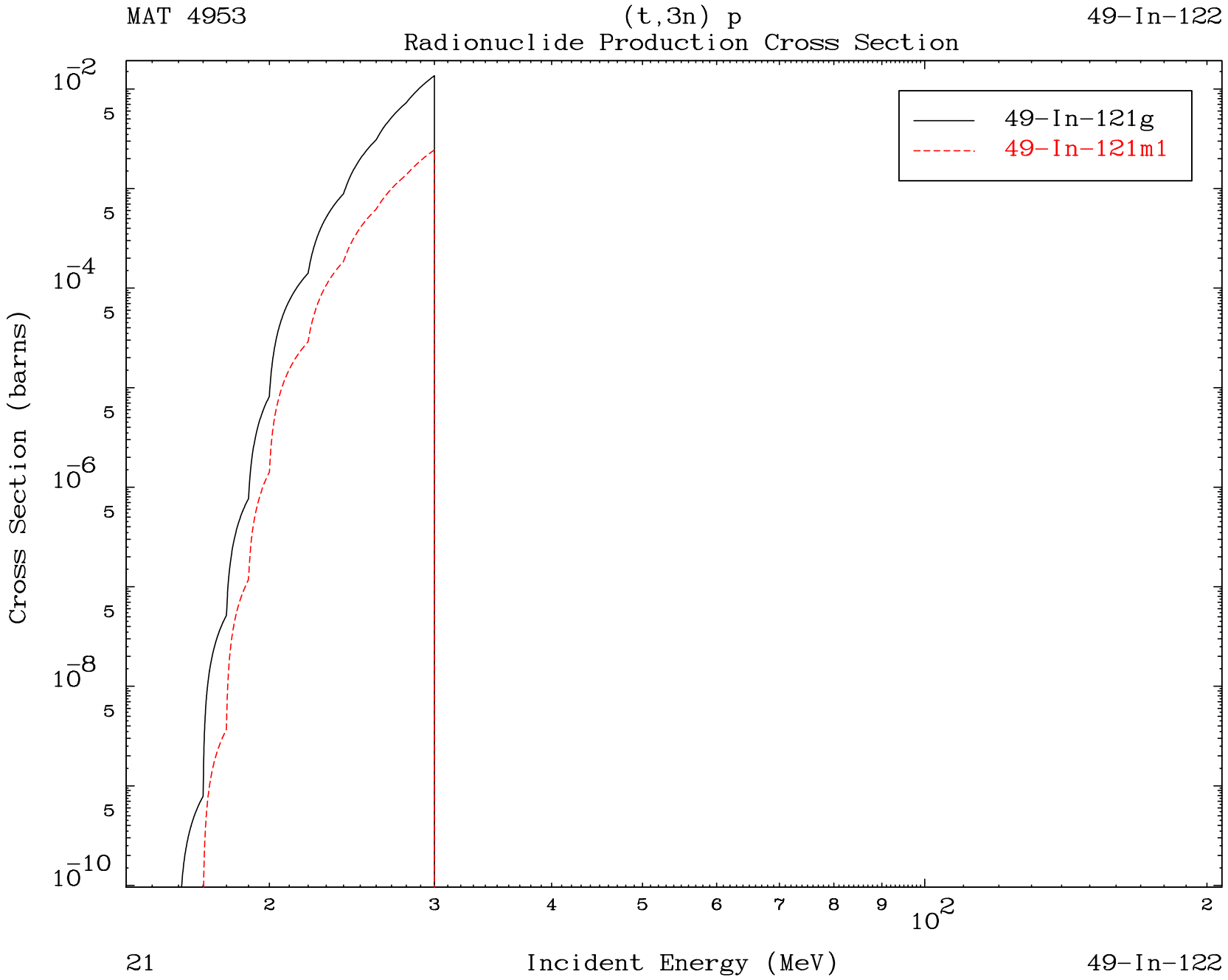

MAT 4953
(t,n') d
49-In-122
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
16
49-In-122

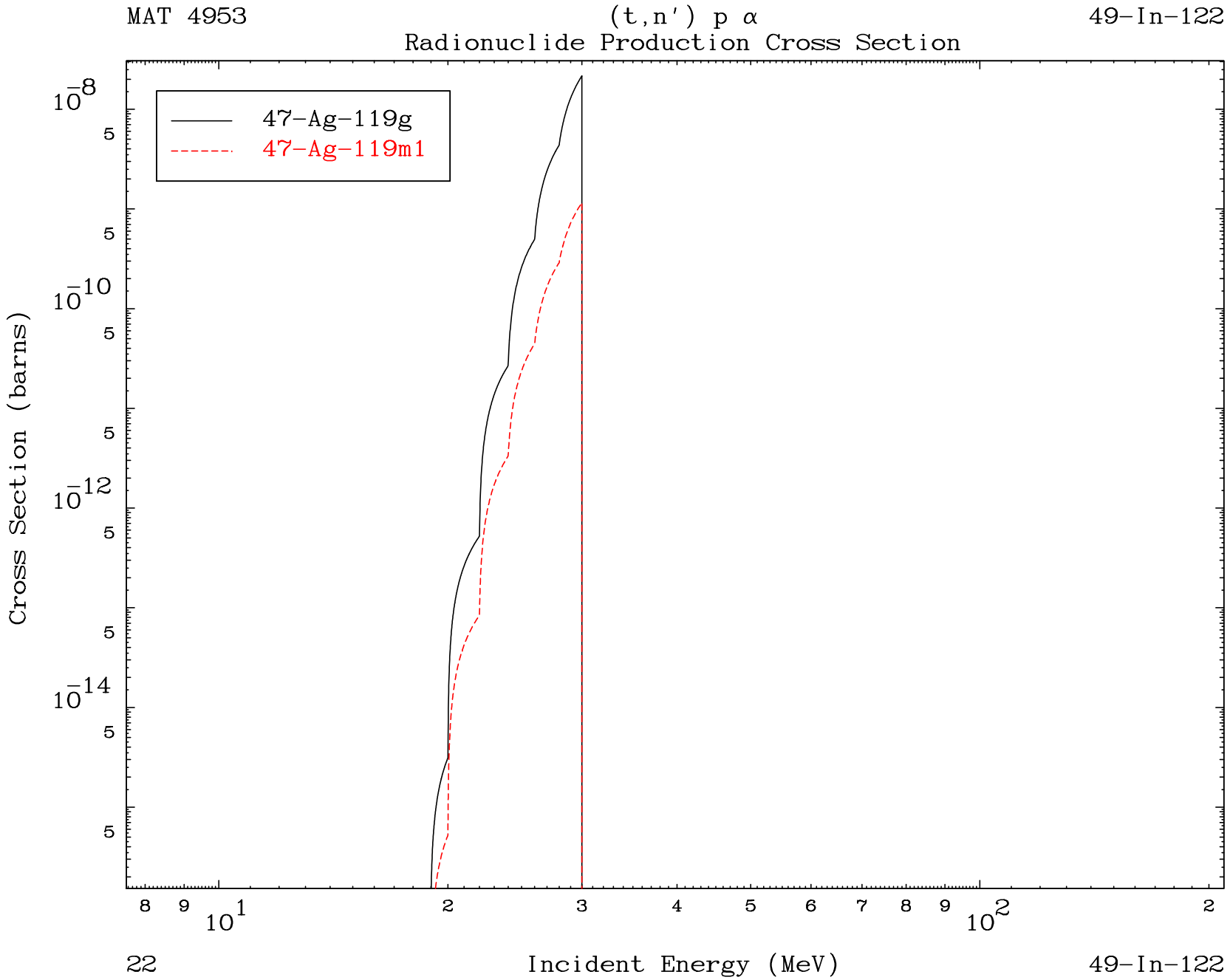

MAT 4953
(t,n') t
49-In-122
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
17
49-In-122

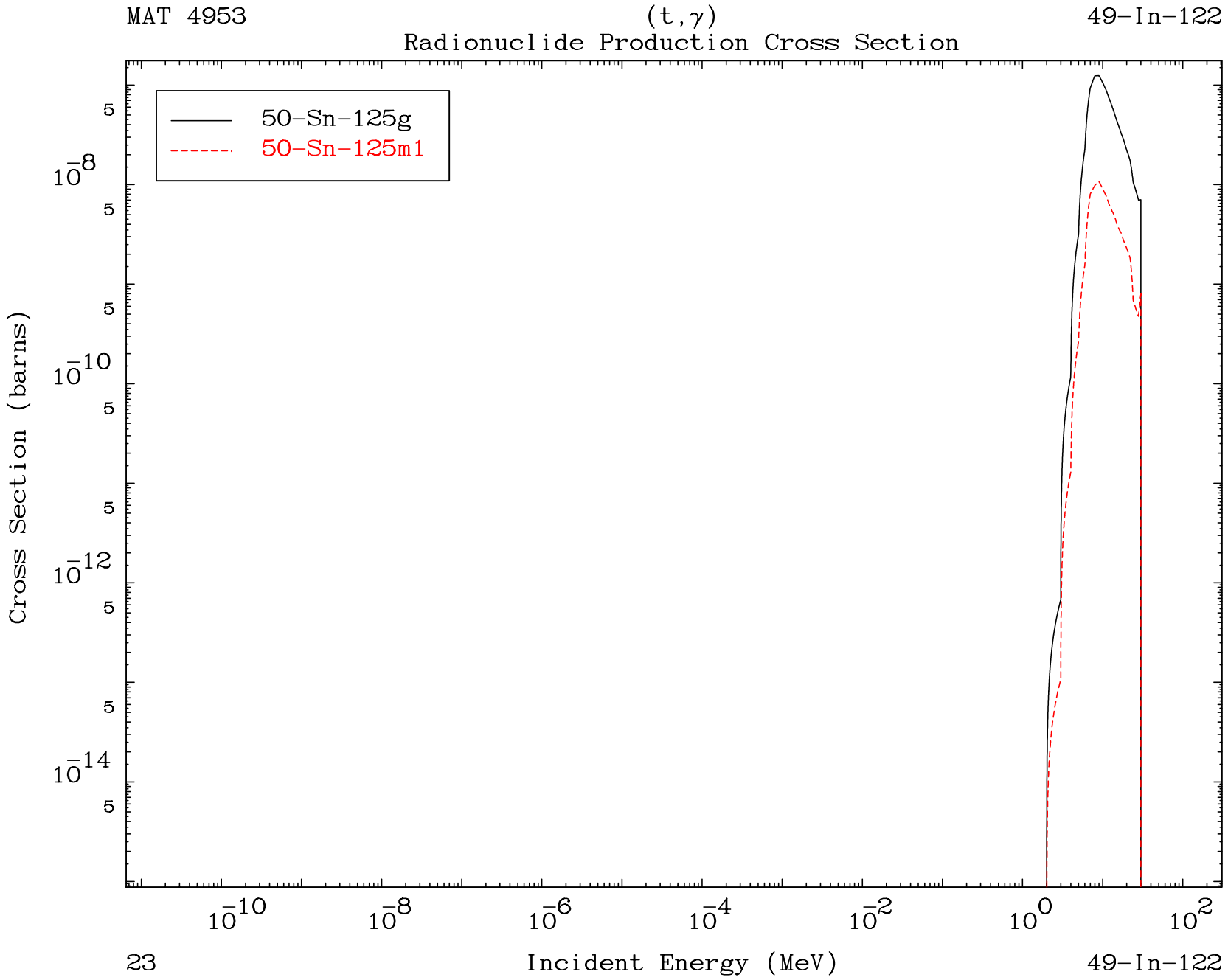

MAT 4953
(t,n') He-3
49-In-122
Radionuclide Production Cross Section
48-Cd-121g
48-Cd-121m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
49-In-122

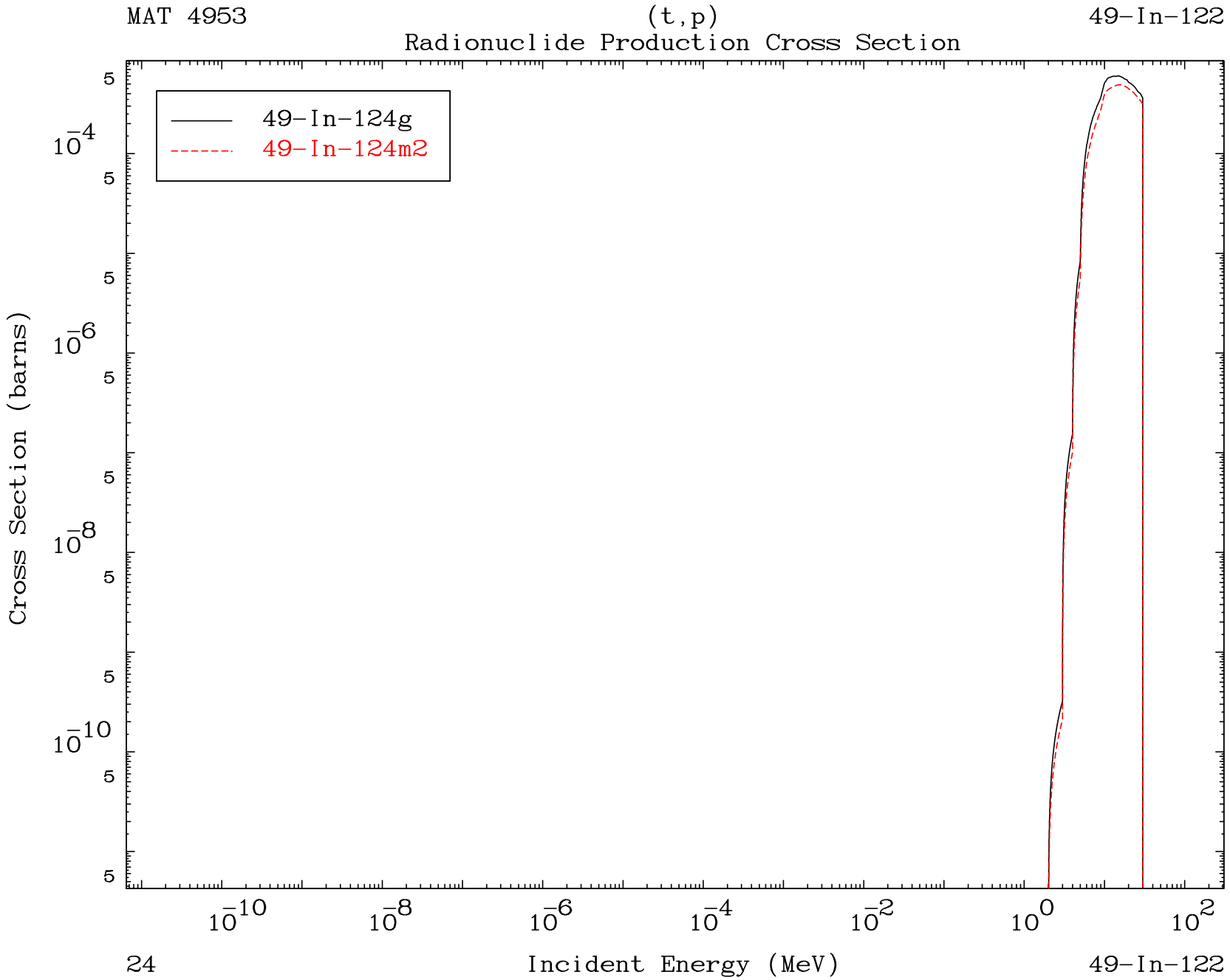

MAT 4953
(t,4n)
49-In-122
Radionuclide Production Cross Section
Cross Section (barns)
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
50-Sn-121g
50-Sn-121m1
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
49-In-122

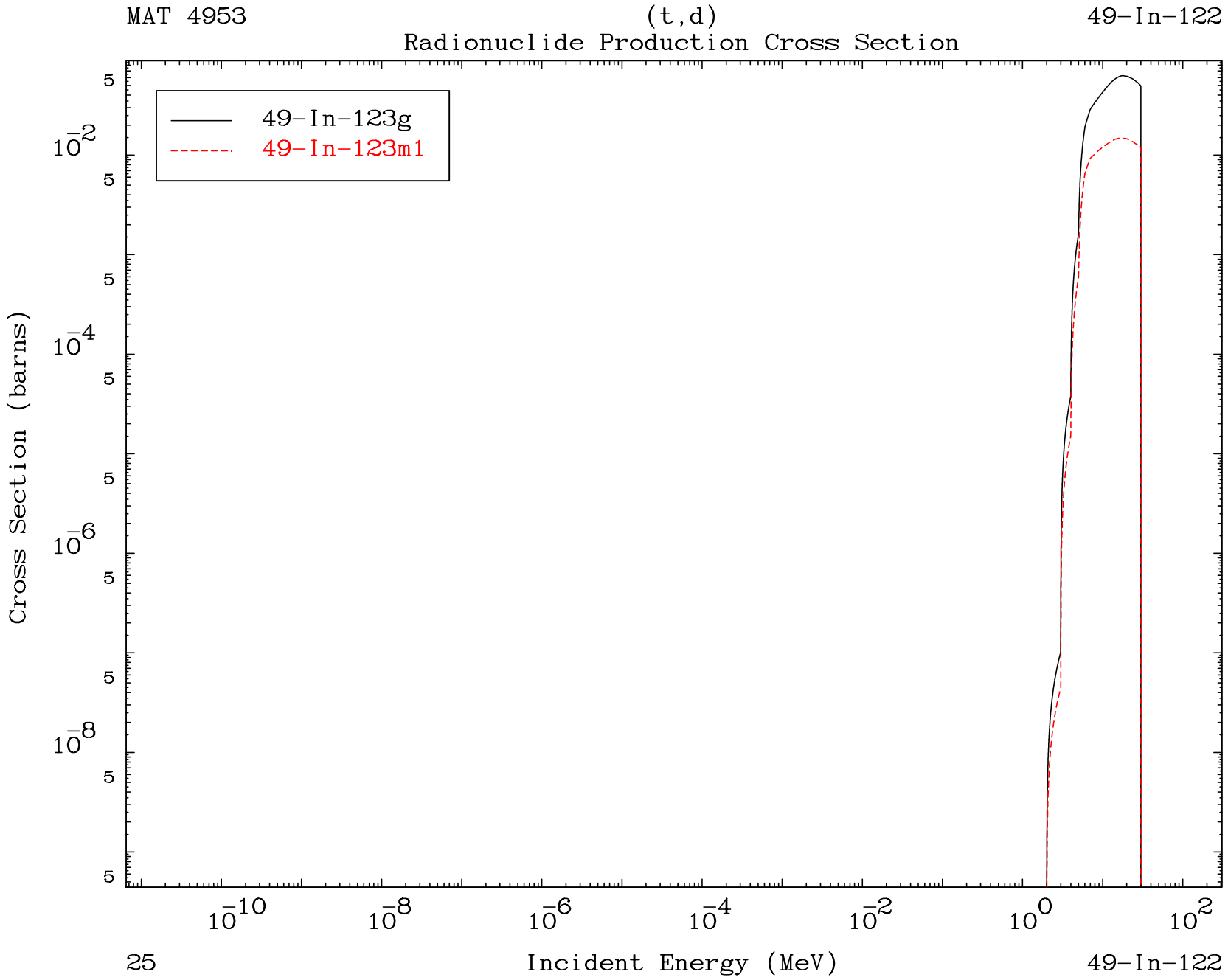

MAT 4953
(t,2n) p
49-In-122
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
20
49-In-122

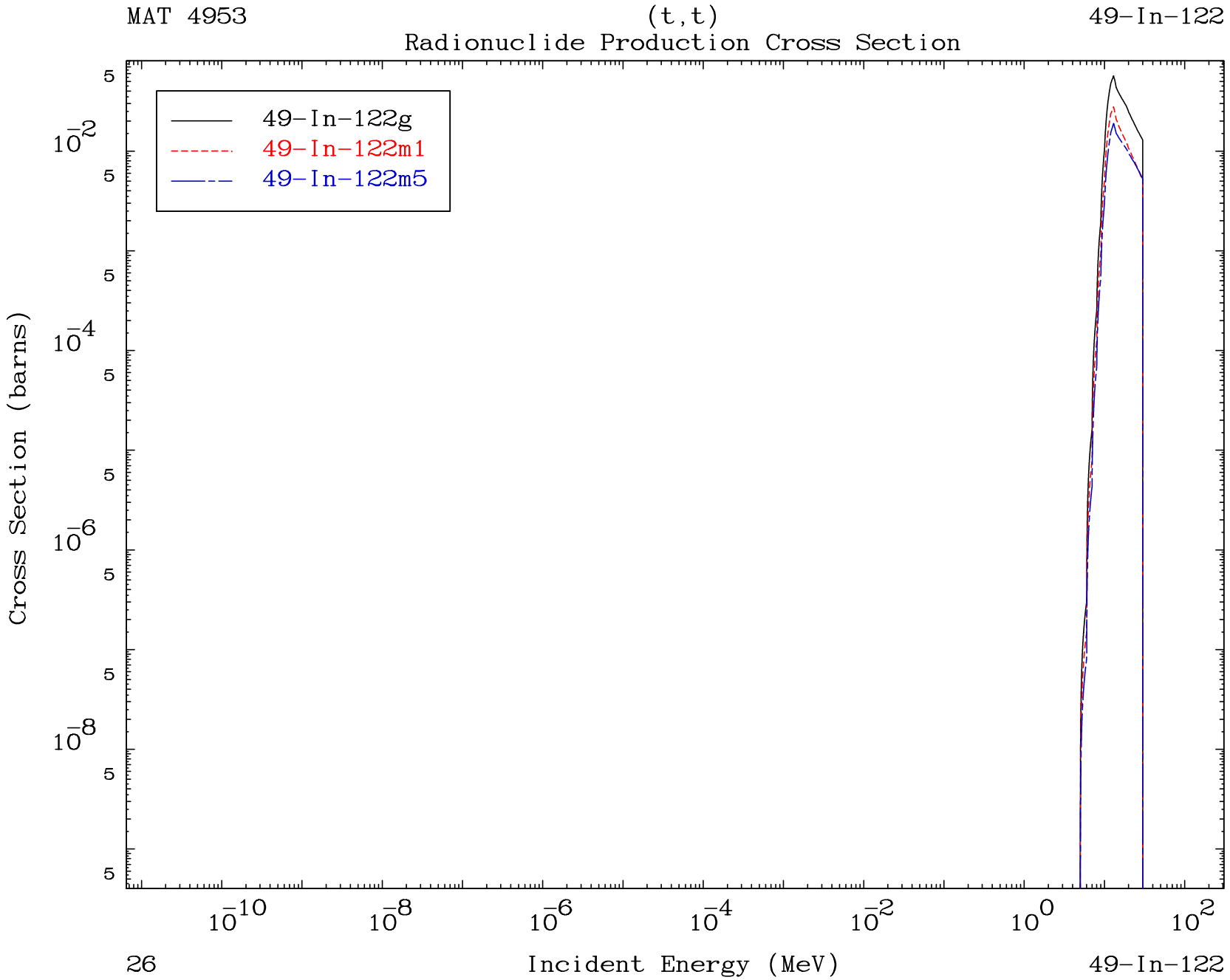

MAT 4953
(t,3n) p
49-In-122
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
21
49-In-122

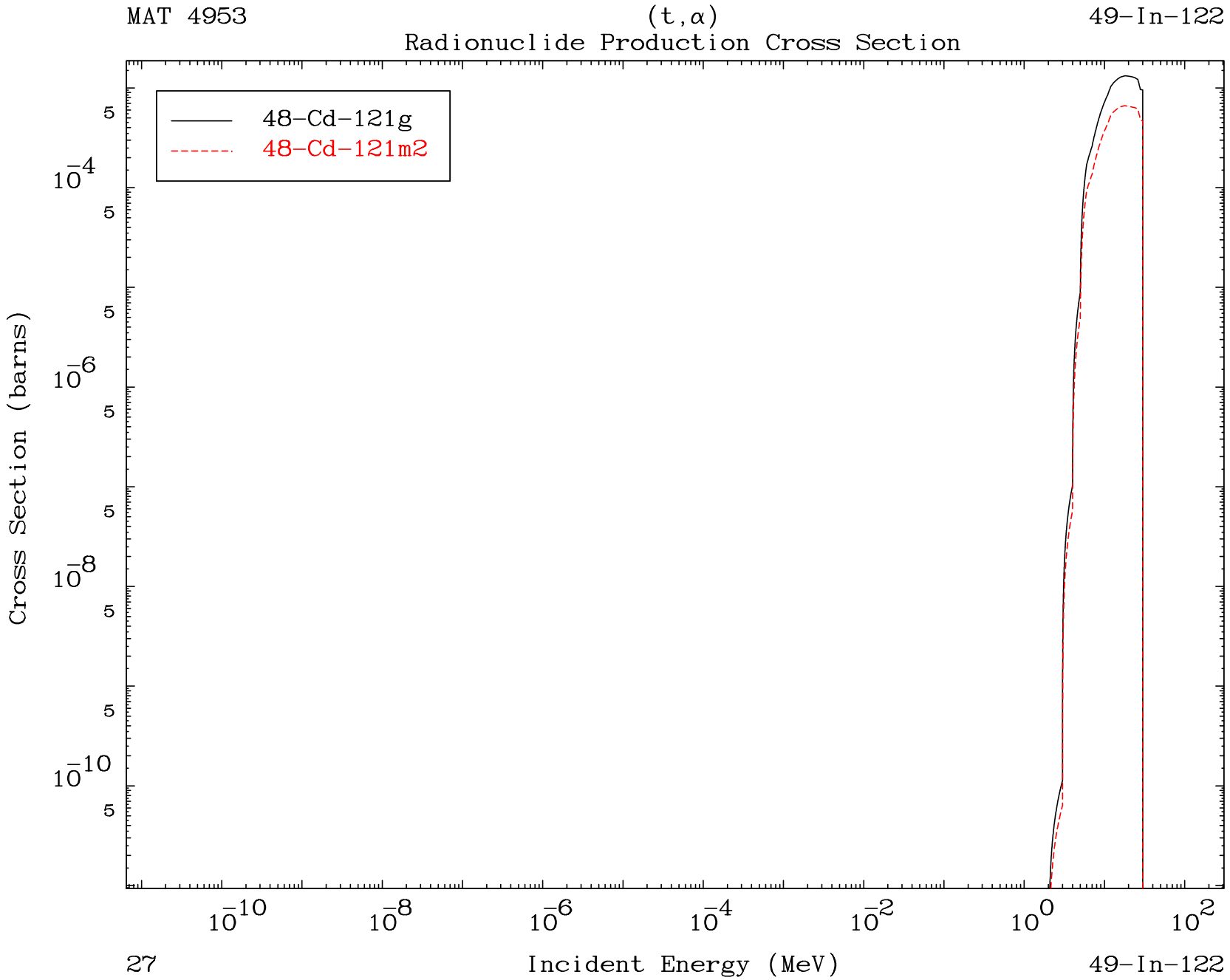

MAT 4953
(t,n') p α
49-In-122
Radionuclide Production Cross Section
47-Ag-119g
47-Ag-119m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
22
Incident Energy (MeV)
49-In-122

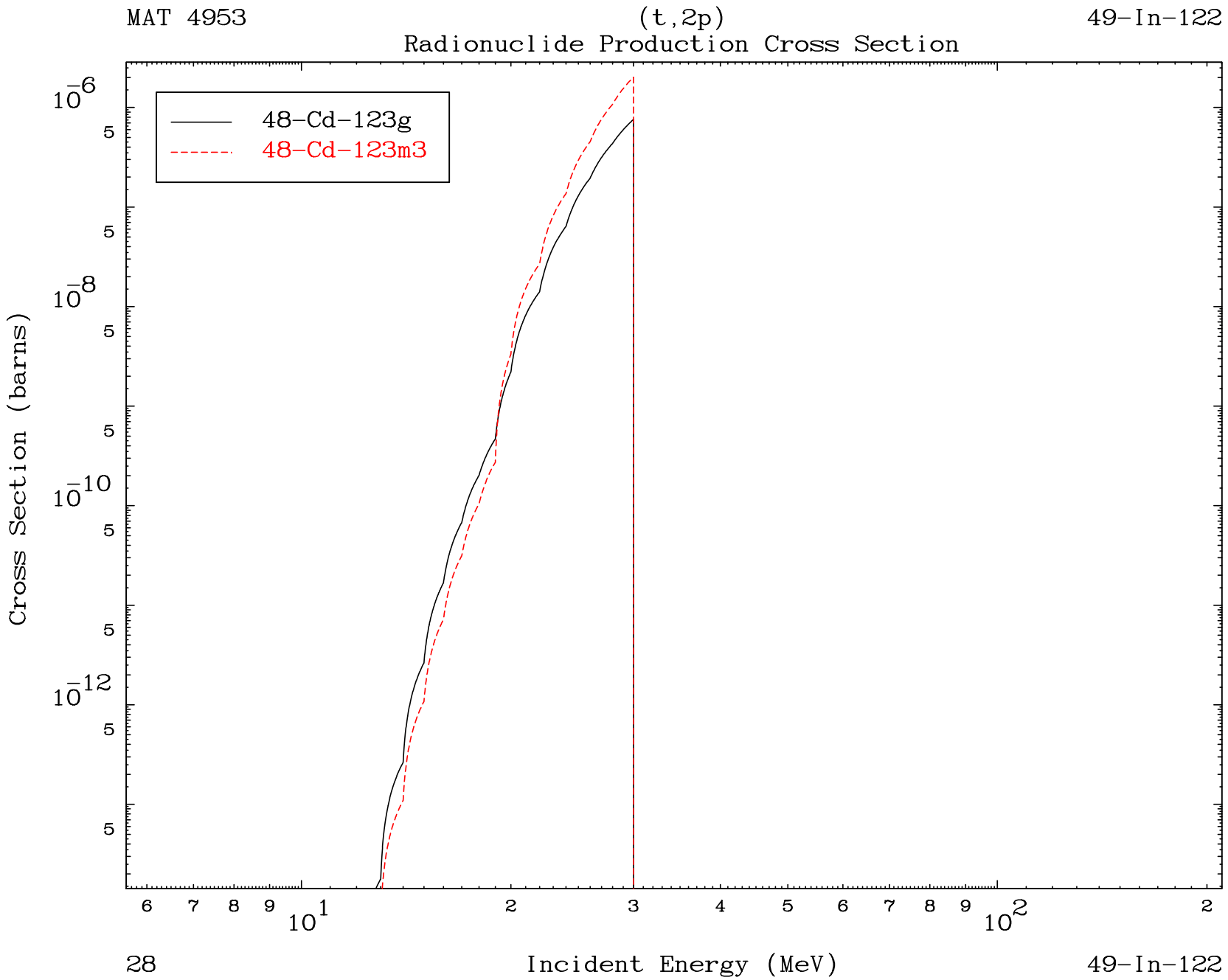

MAT 4953
(t,γ)
49-In-122
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
23
Incident Energy (MeV)
49-In-122

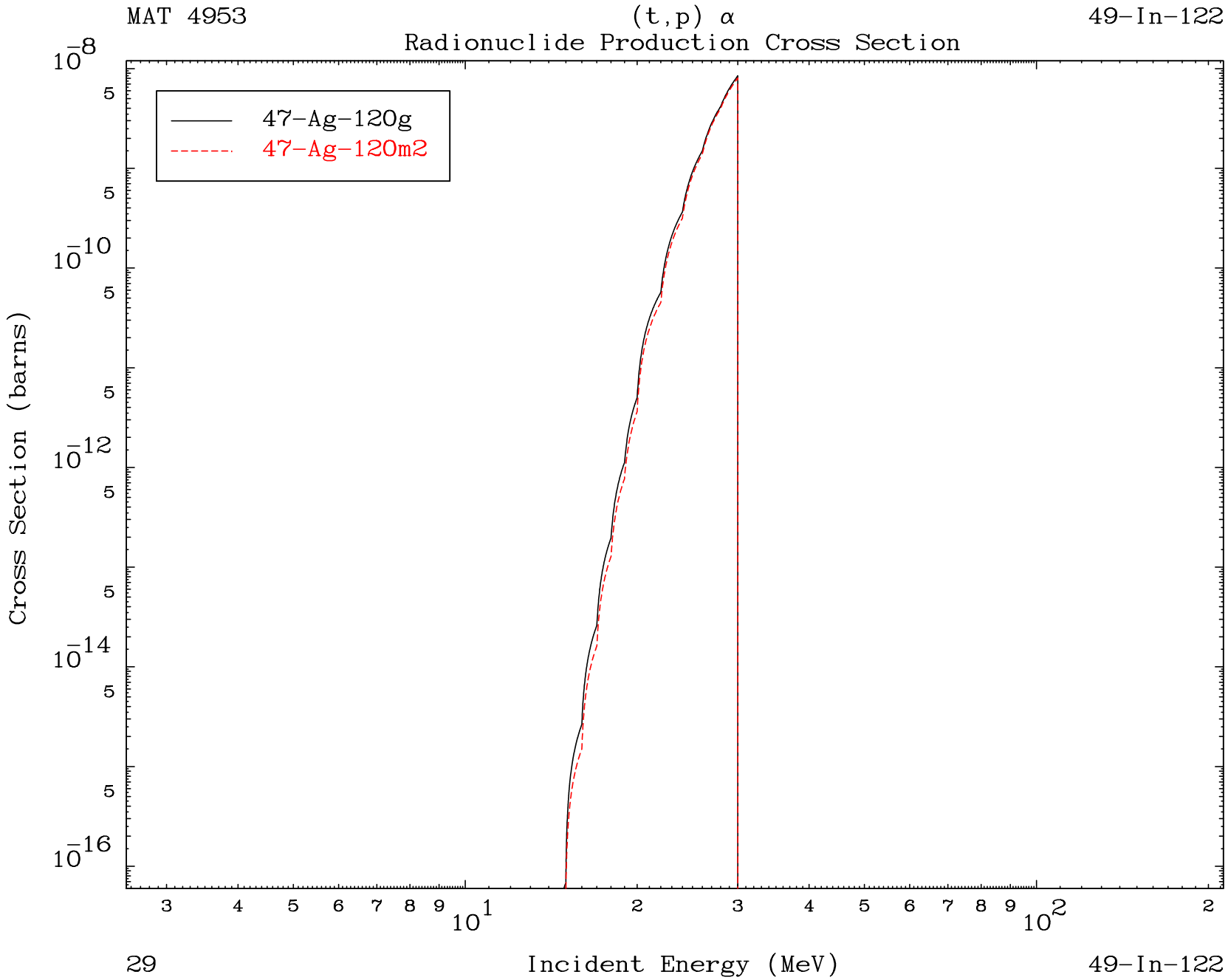

MAT 4953
(t,p)
49-In-122
Radionuclide Production Cross Section
49-In-124g
49-In-124m2
Cross Section (barns)
Incident Energy (MeV)
24
49-In-122

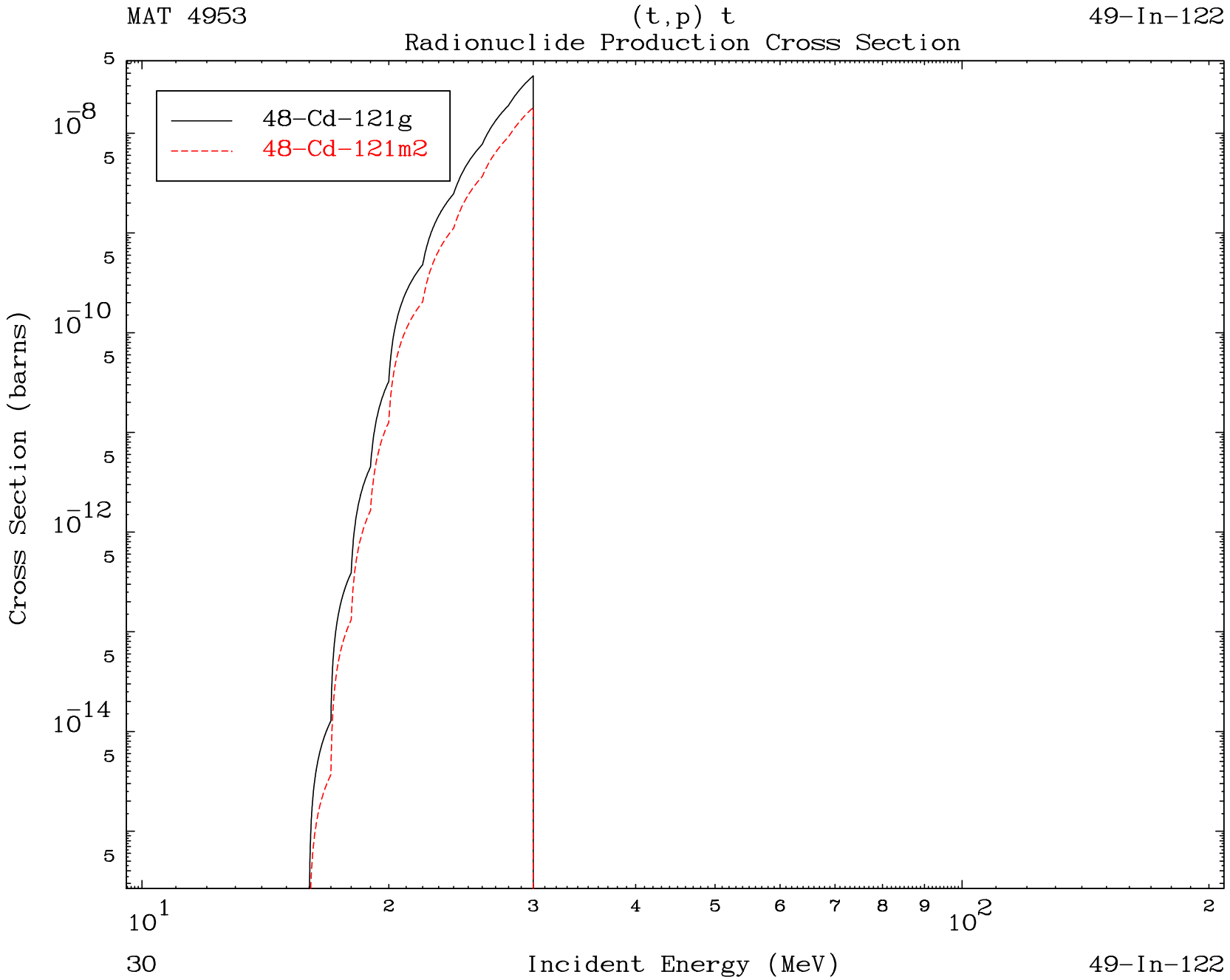

MAT 4953
(t,d)
49-In-122
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
25
49-In-122


MAT 4953
(t,t)
49-In-122
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
26
49-In-122


MAT 4953
(t,α)
49-In-122
Radionuclide Production Cross Section
48-Cd-121g
48-Cd-121m2
Cross Section (barns)
Incident Energy (MeV)
27
49-In-122


MAT 4953
(t,2p)
49-In-122
Radionuclide Production Cross Section
48-Cd-123g
48-Cd-123m3
Cross Section (barns)
Incident Energy (MeV)
28
49-In-122


MAT 4953
(t,p) α
49-In-122
Radionuclide Production Cross Section
47-Ag-120g
47-Ag-120m2
Cross Section (barns)
Incident Energy (MeV)
29
49-In-122


MAT 4953
(t,p) t
49-In-122
Radionuclide Production Cross Section
48-Cd-121g
48-Cd-121m2
Cross Section (barns)
Incident Energy (MeV)
49-In-122
30