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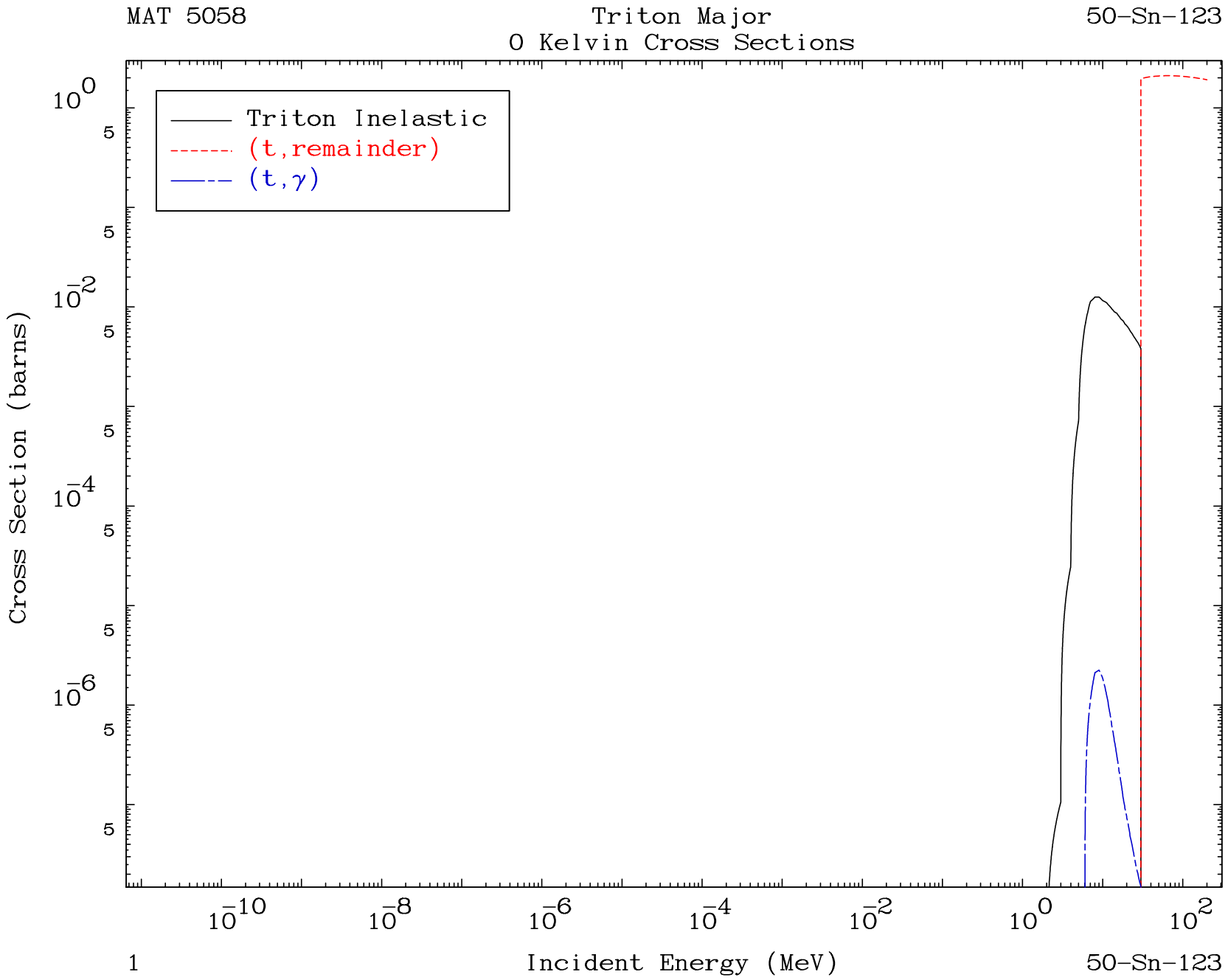
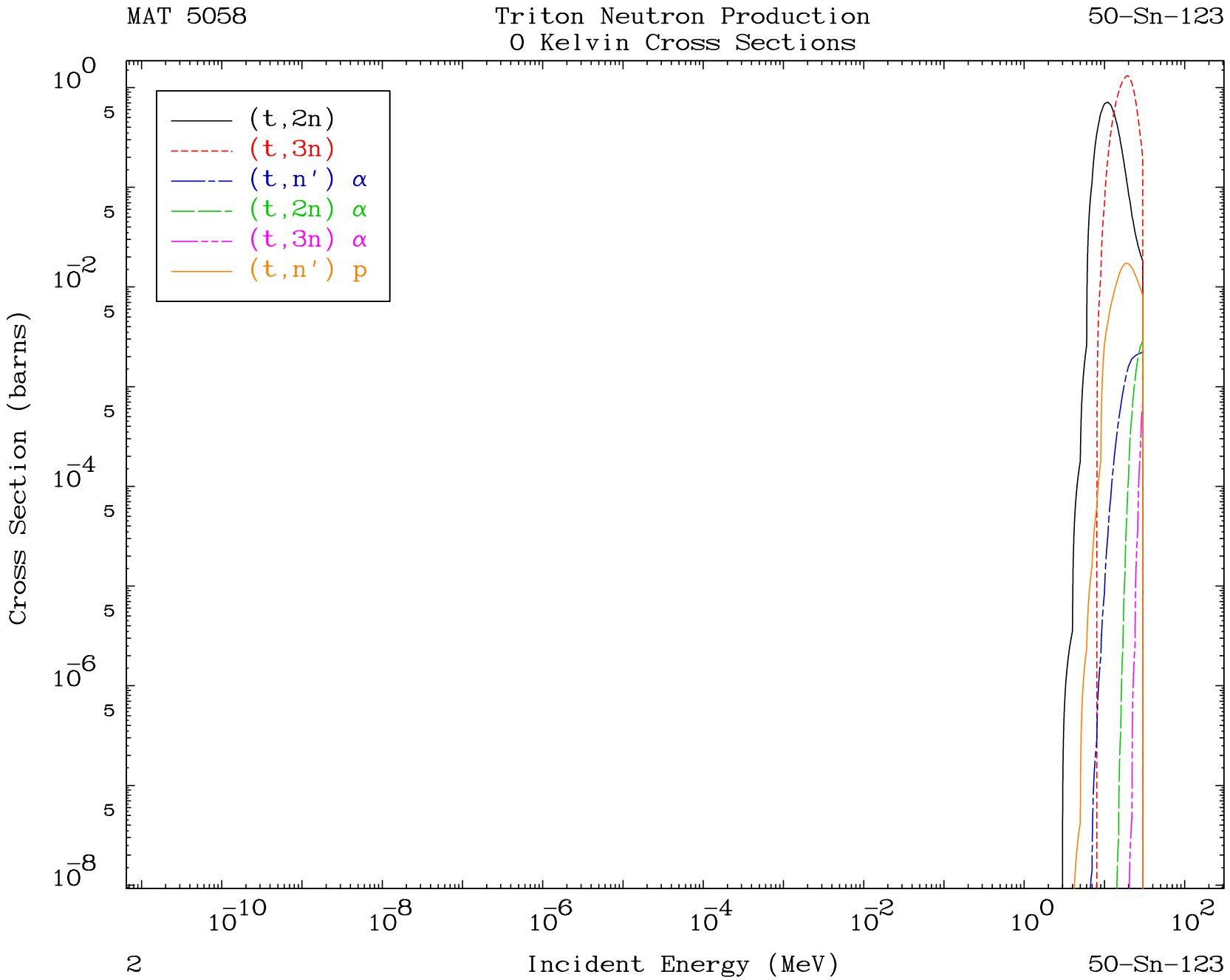
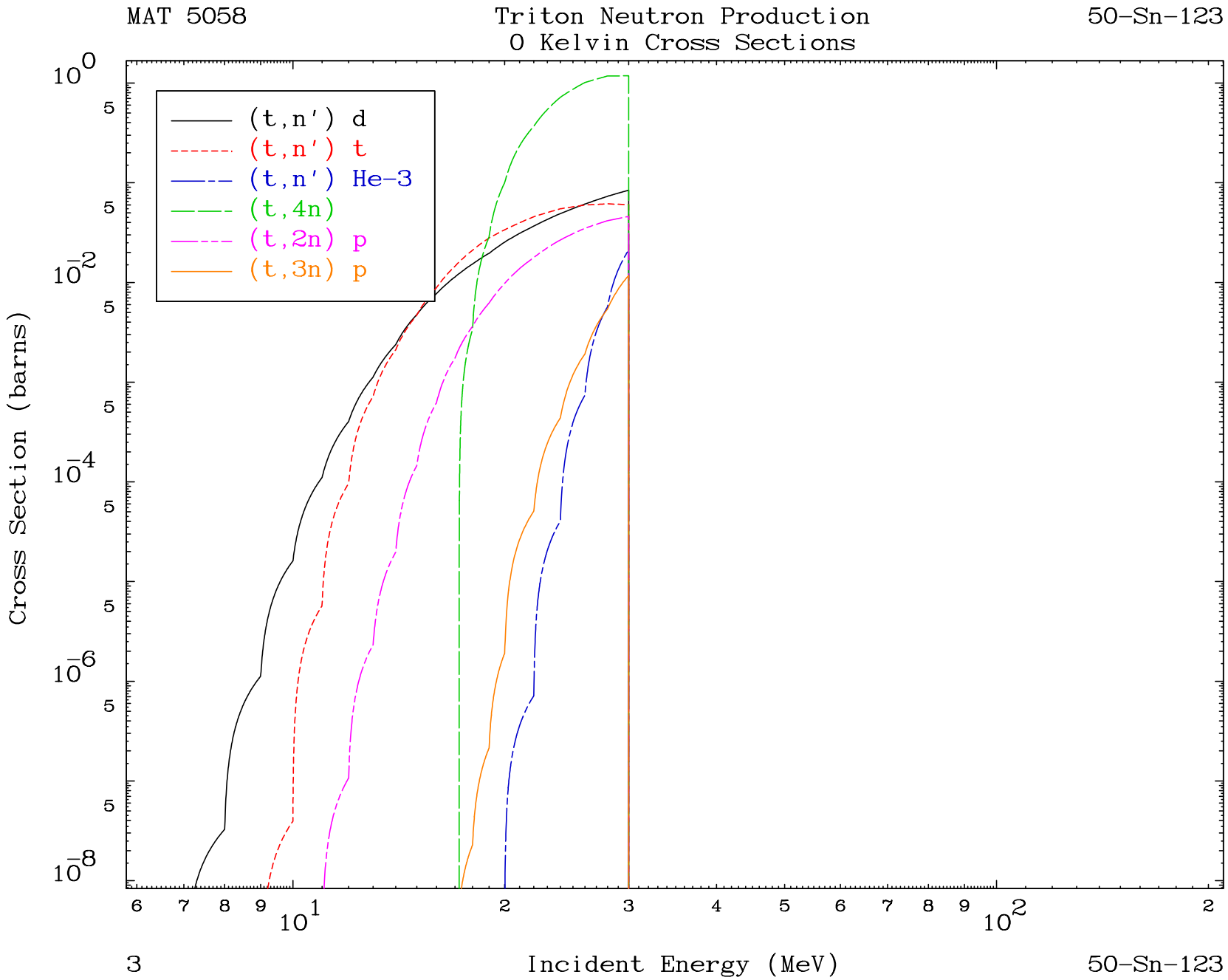
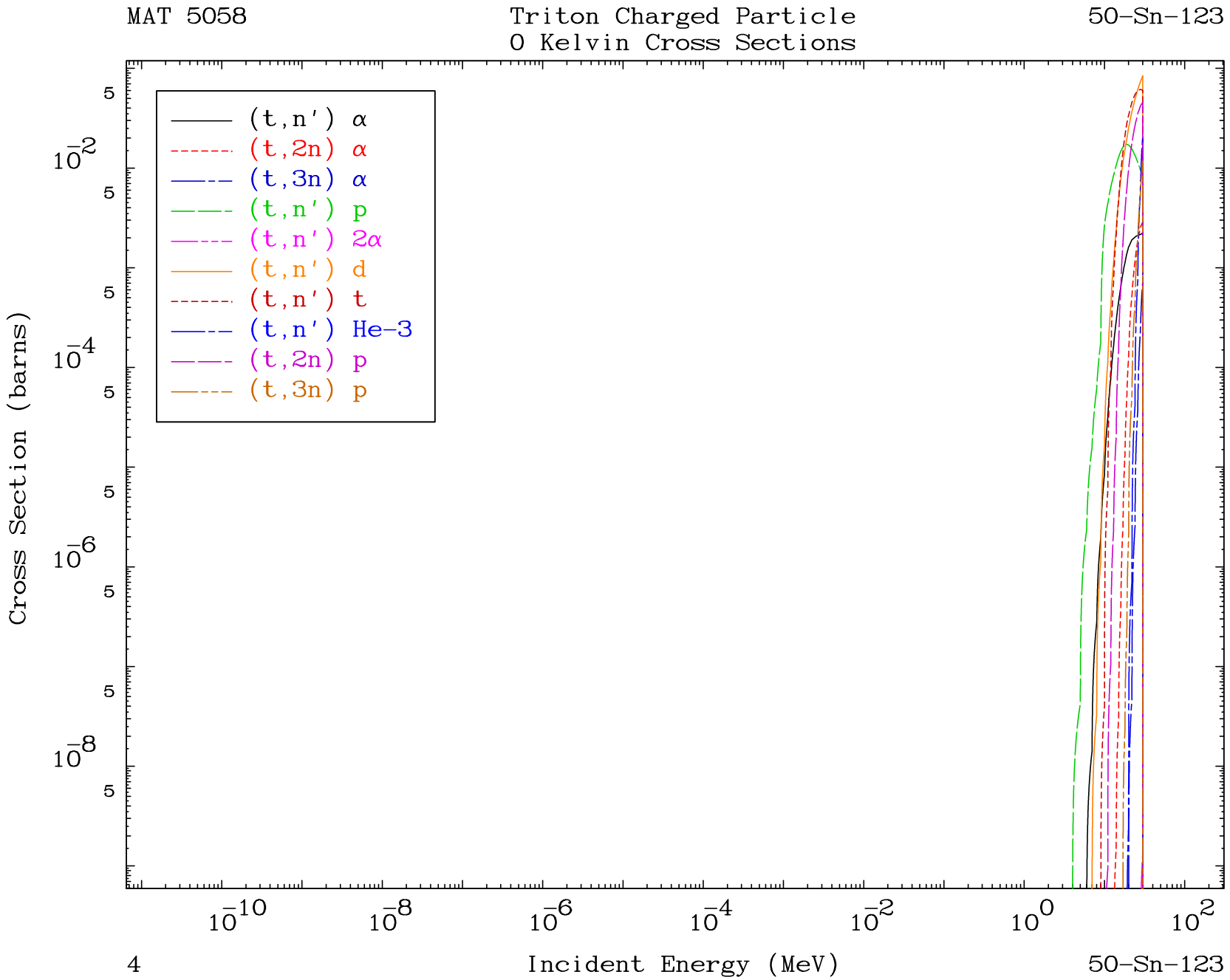
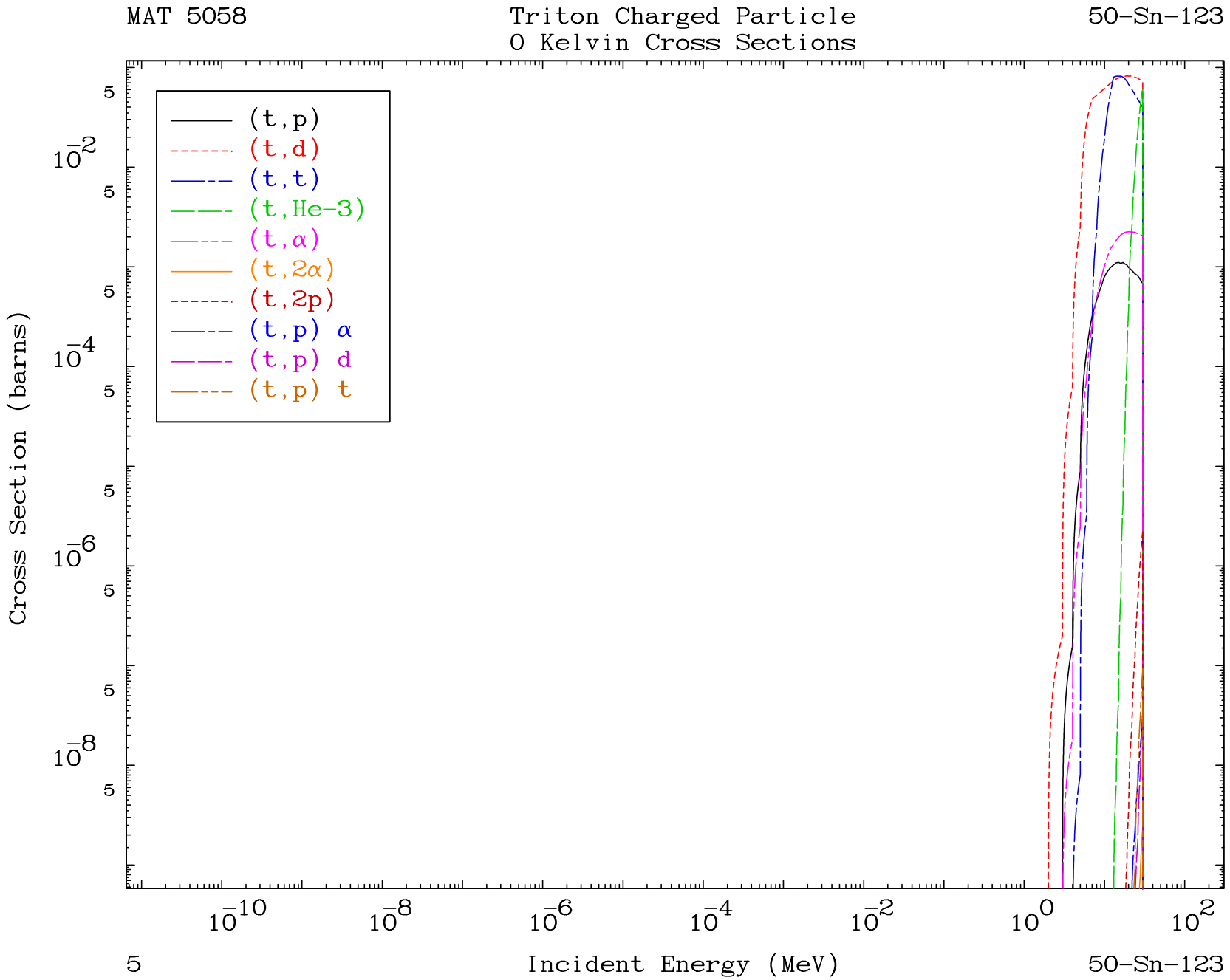
Press Mouse Button to Start

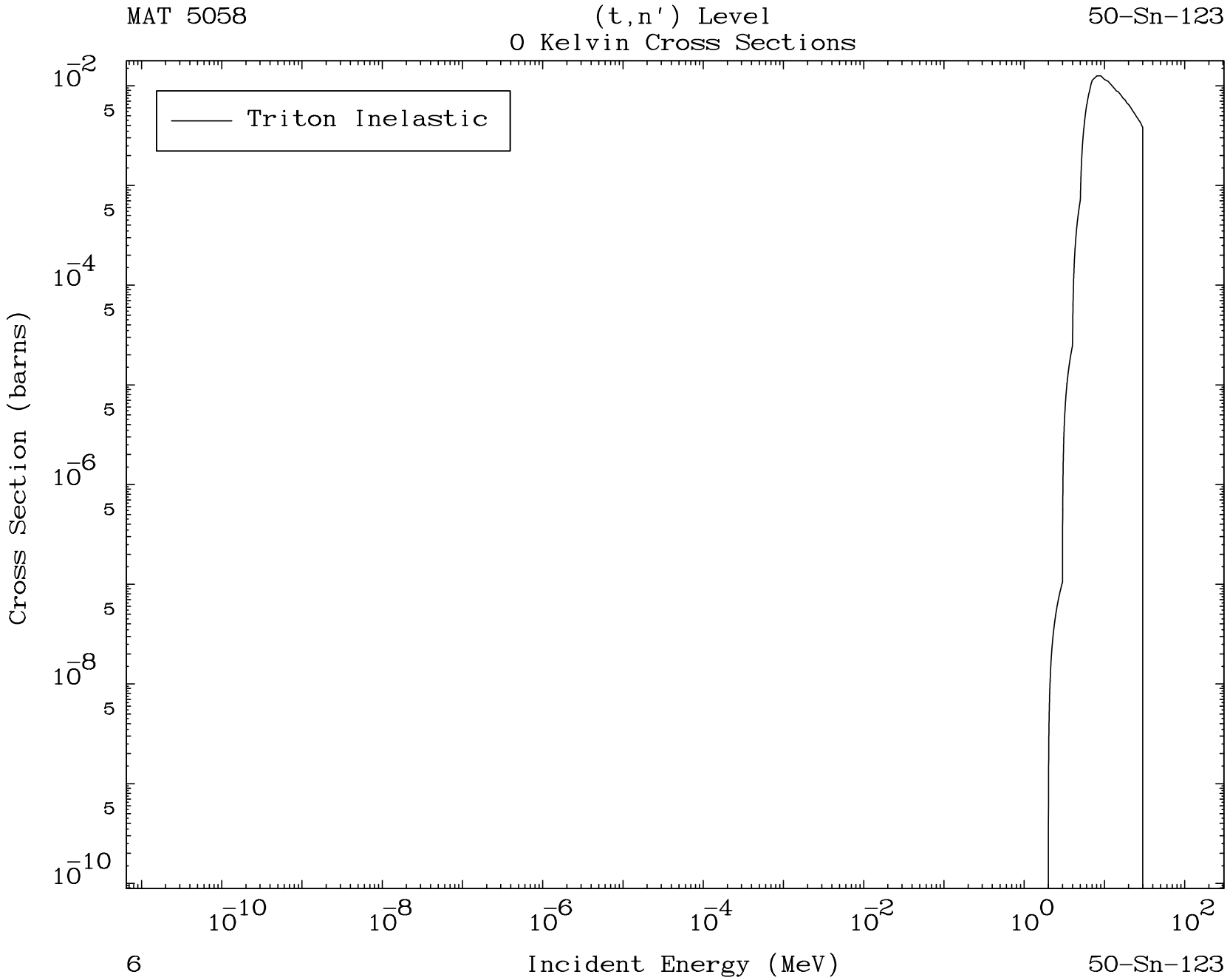

MAT 5058
Triton Major
50-Sn-123
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
50-Sn-123

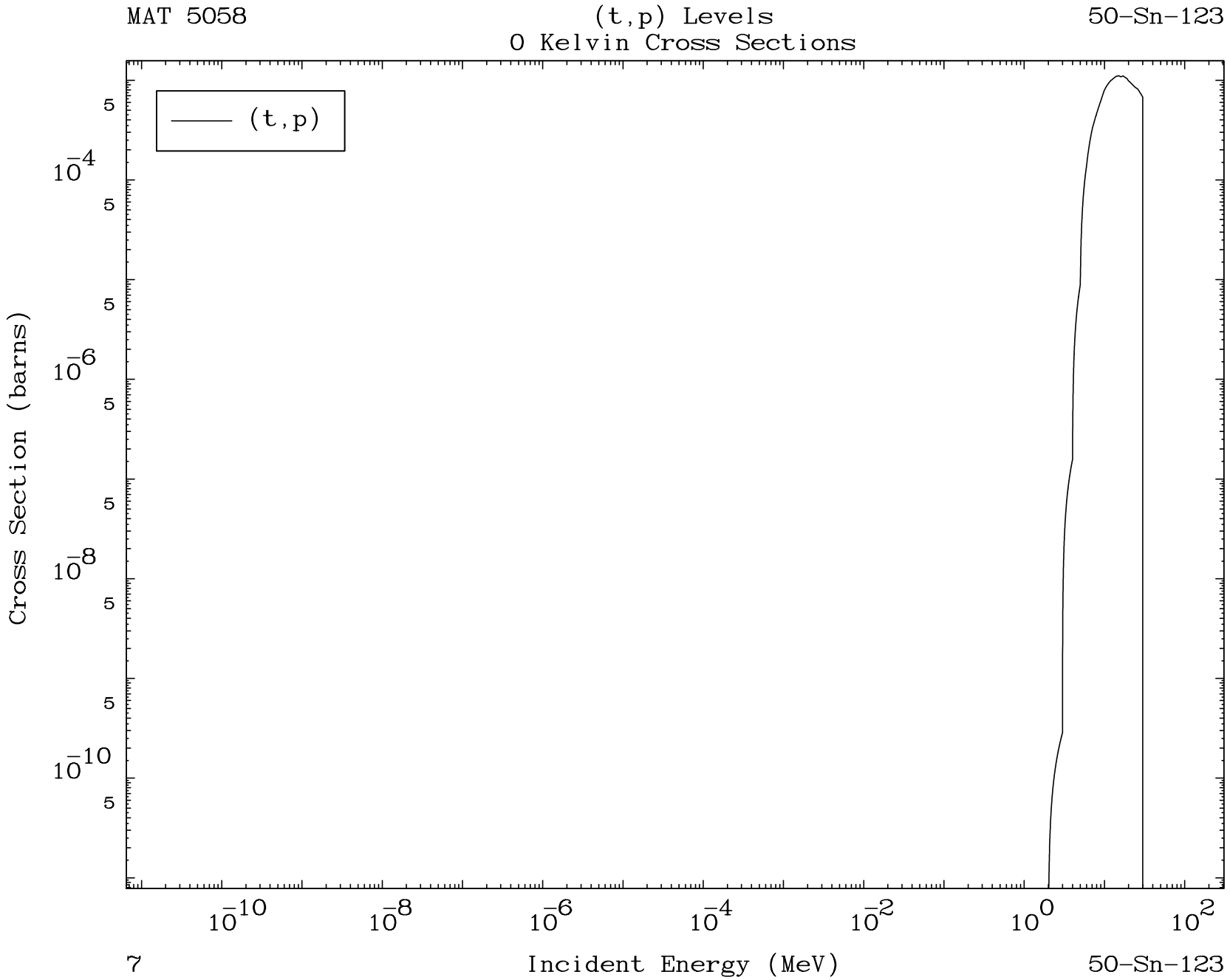

MAT 5058
Triton Neutron Production
0 Kelvin Cross Sections
50-Sn-123
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
Cross Section (barns)
Incident Energy (MeV)
50-Sn-123
2

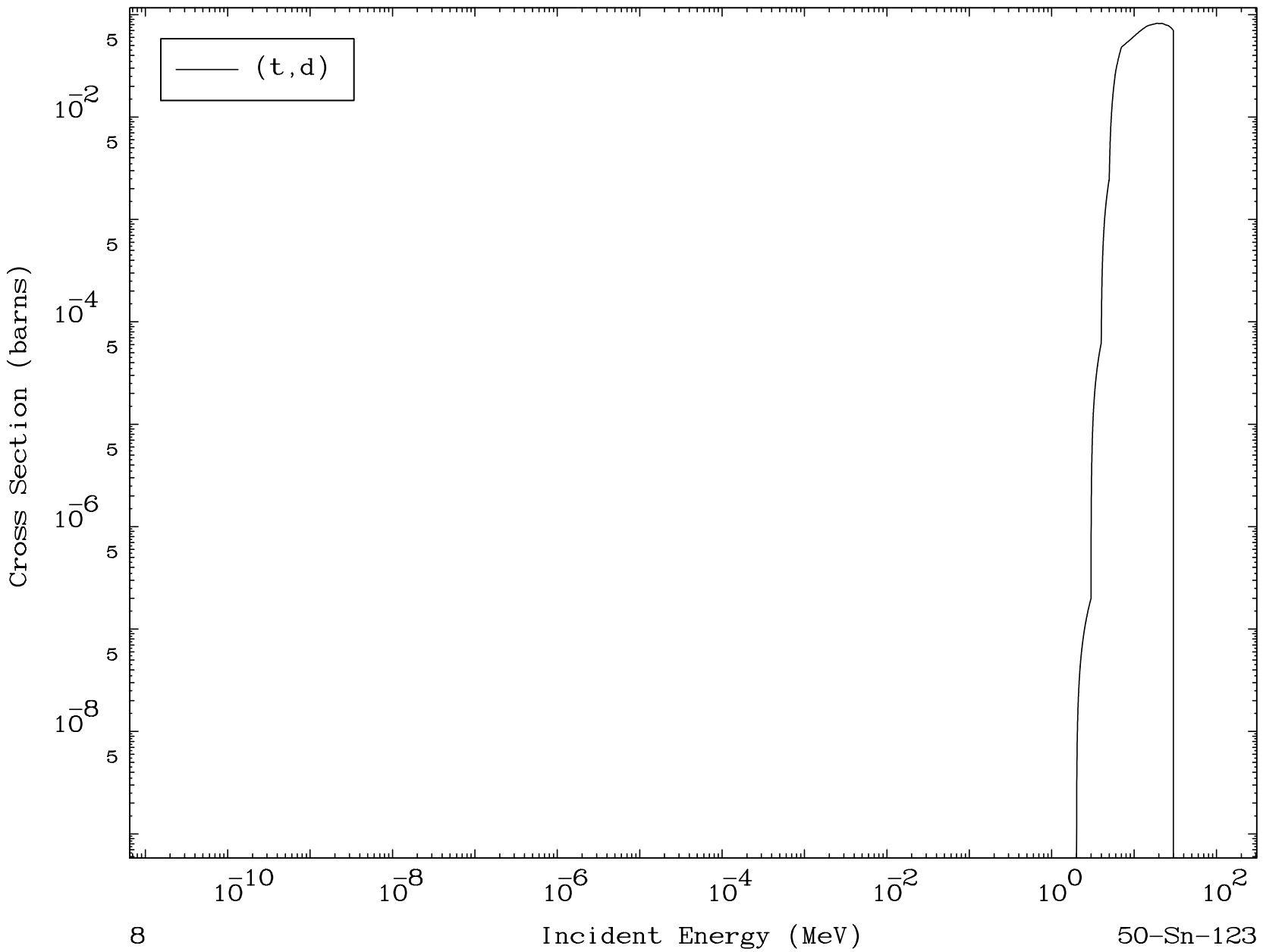

MAT 5058
Triton Neutron Production
0 Kelvin Cross Sections
50-Sn-123
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
50-Sn-123

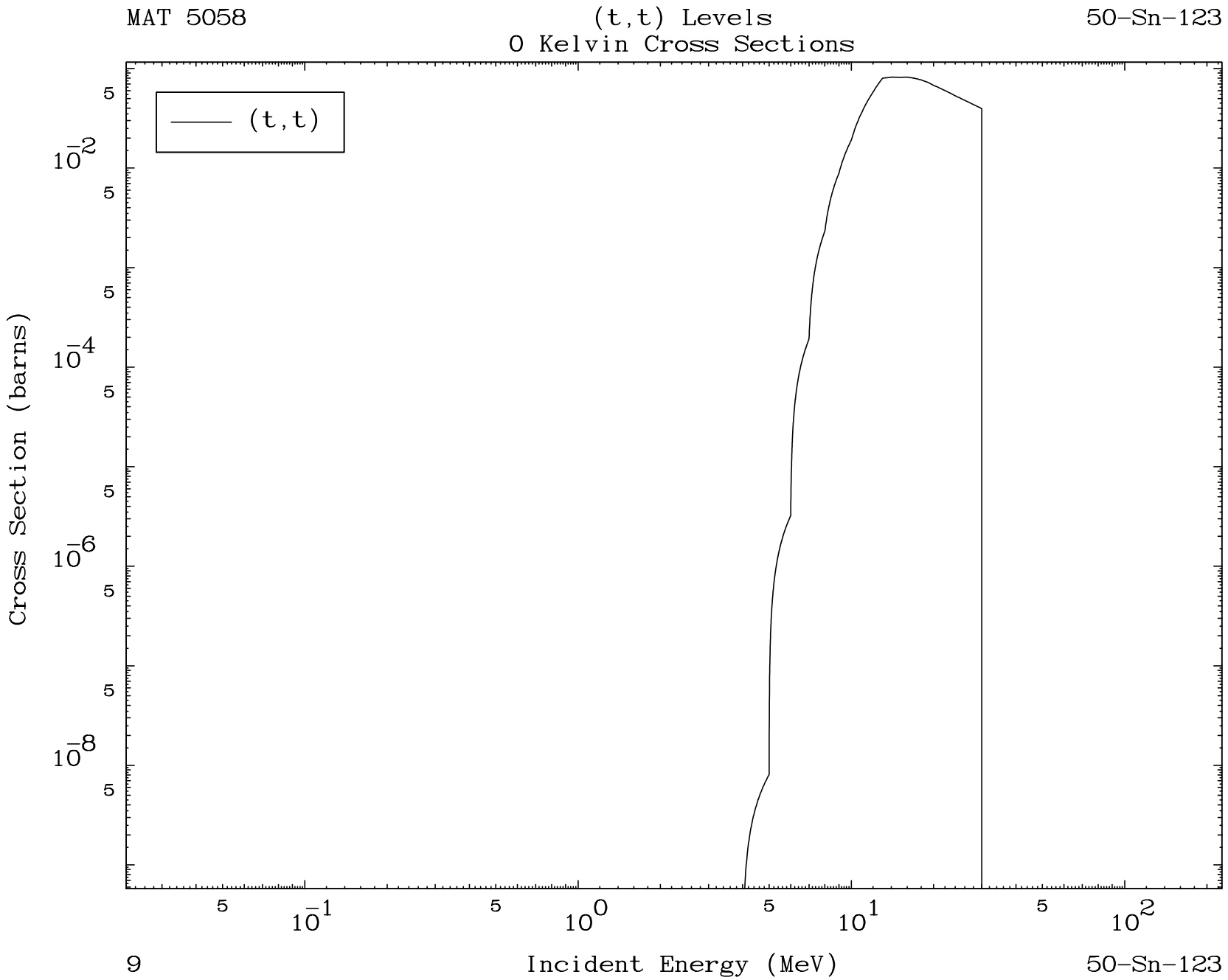

MAT 5058
Triton Charged Particle
0 Kelvin Cross Sections
50-Sn-123
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
50-Sn-123

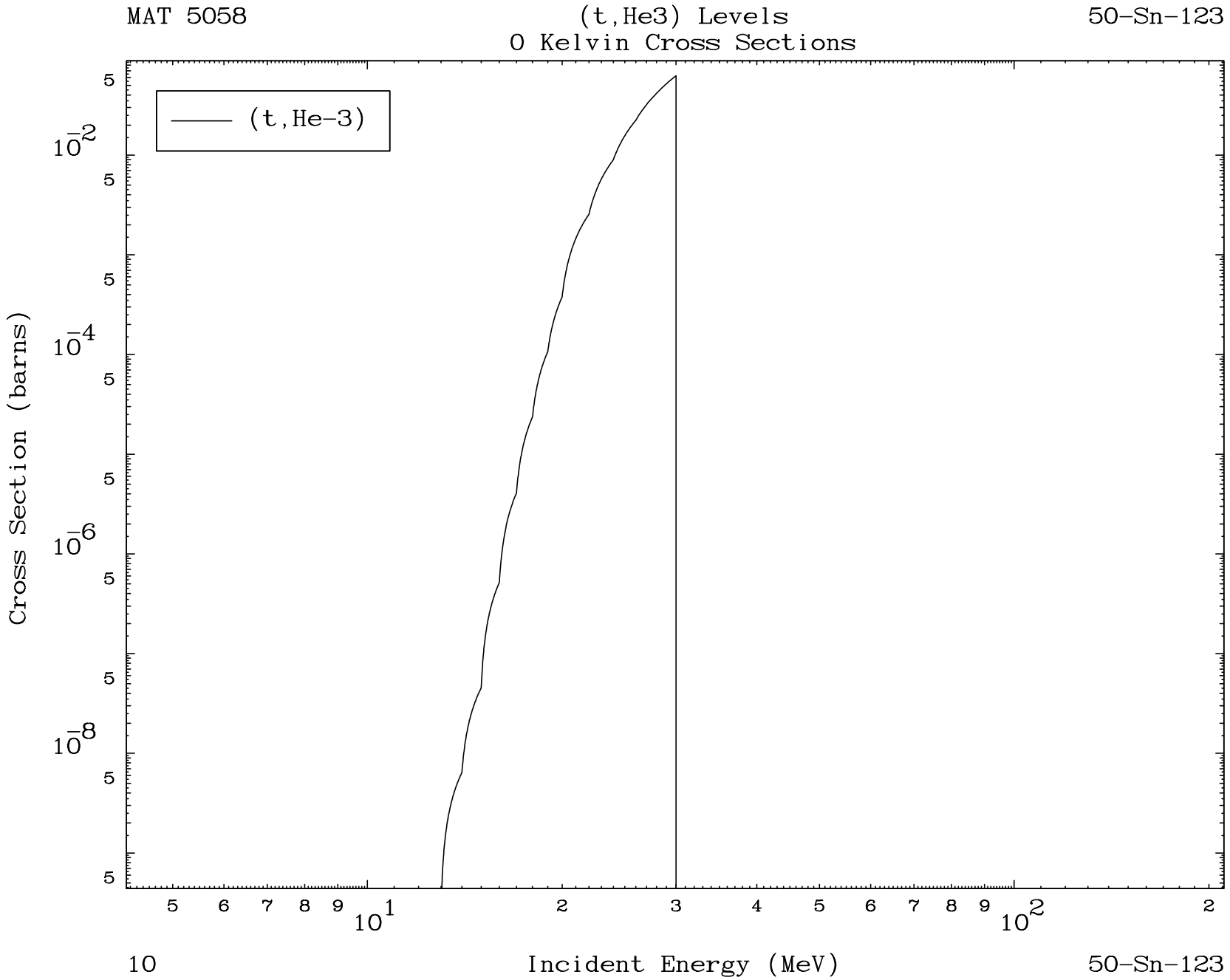

MAT 5058
Triton Charged Particle
0 Kelvin Cross Sections
50-Sn-123
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
50-Sn-123

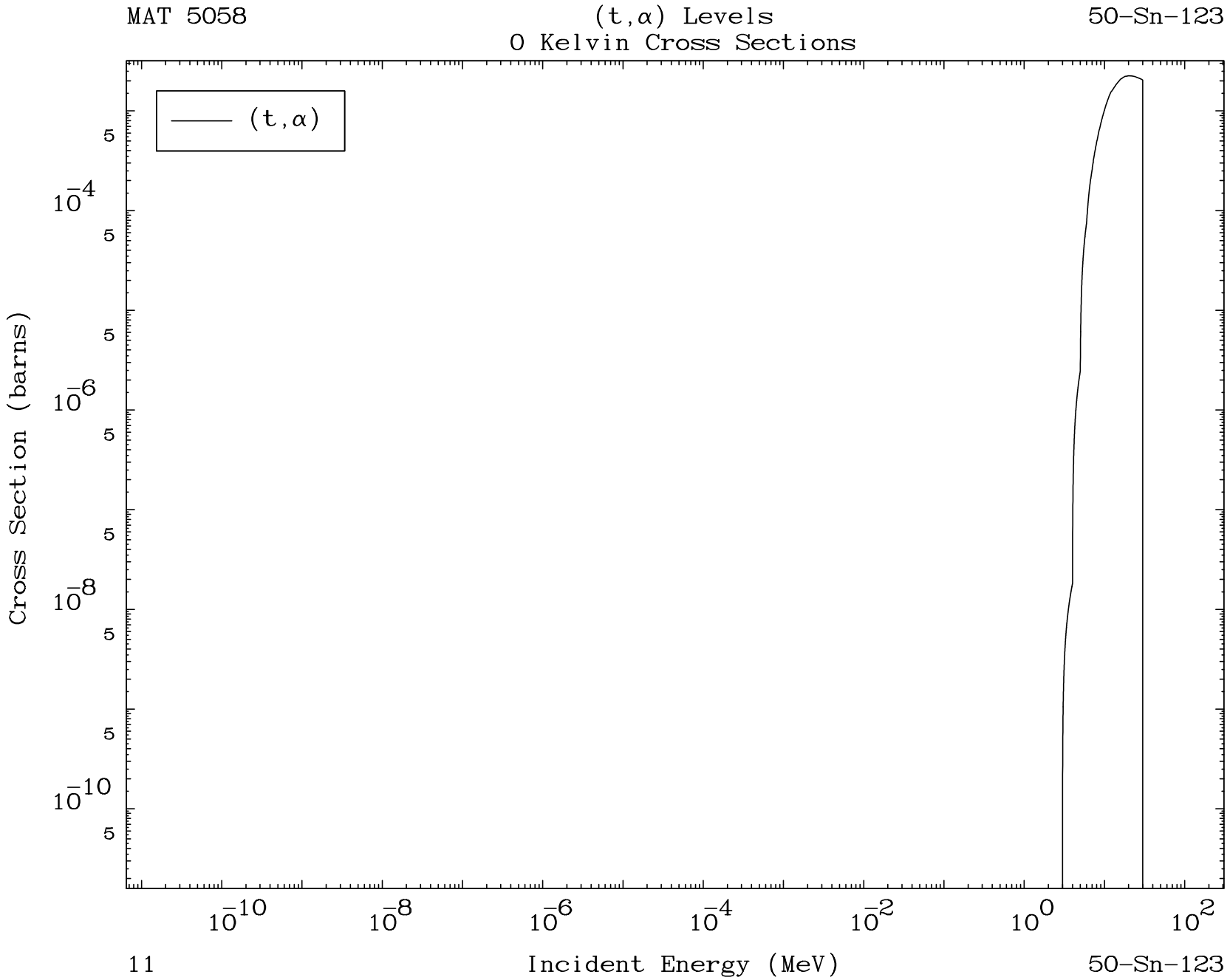

MAT 5058
(t,n') Level
50-Sn-123
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
50-Sn-123

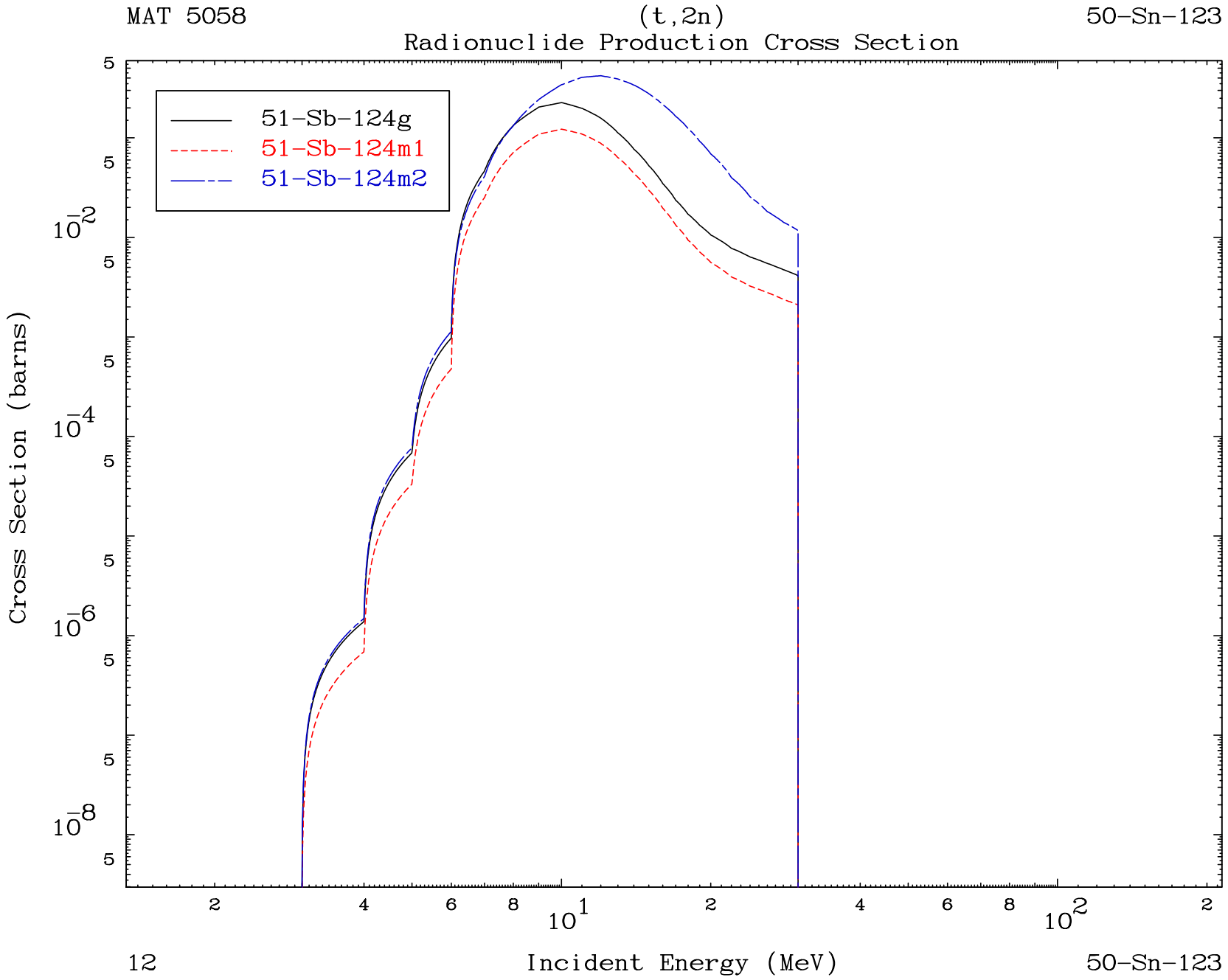

MAT 5058
(t,p) Levels
50-Sn-123
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
50-Sn-123

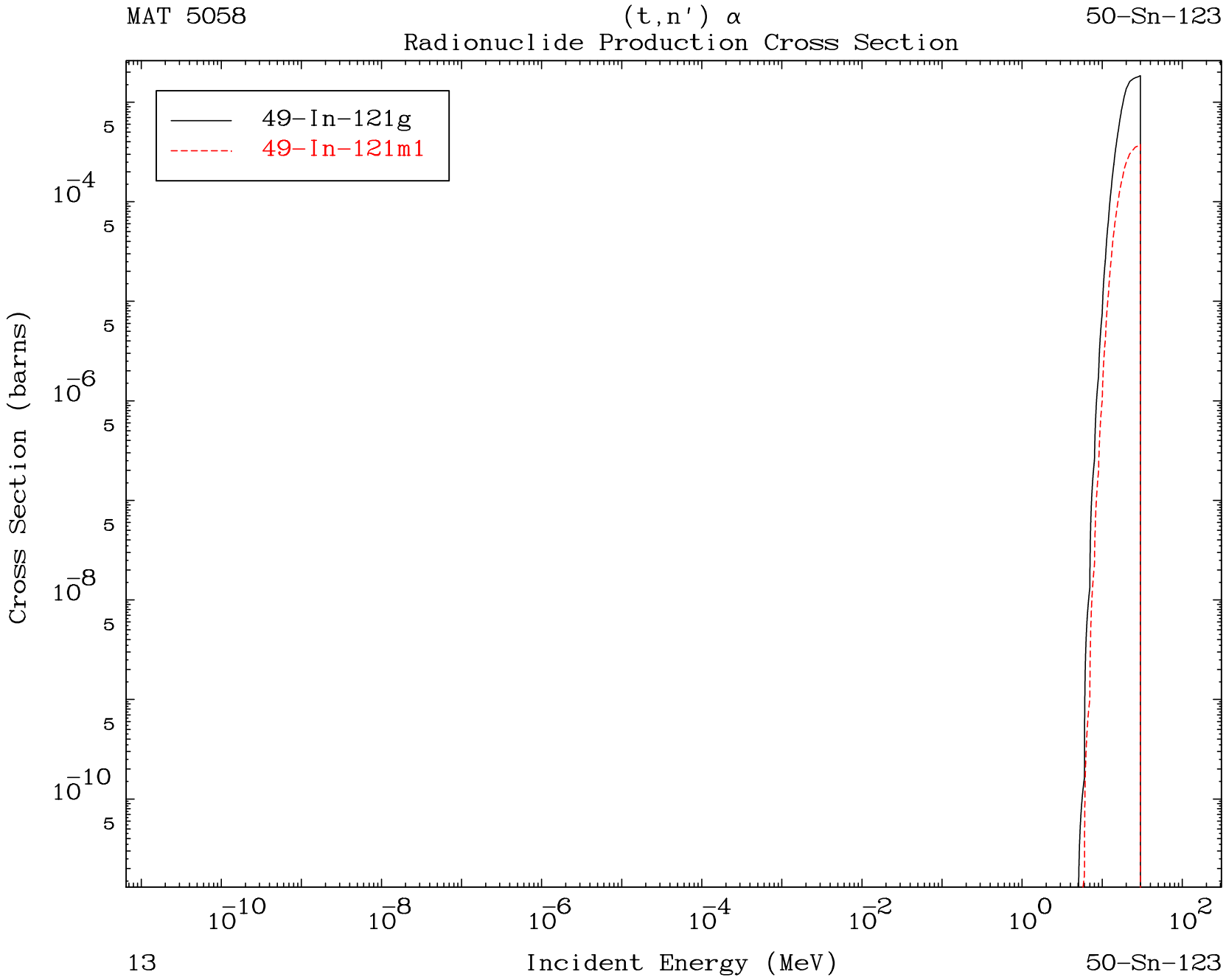

0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2

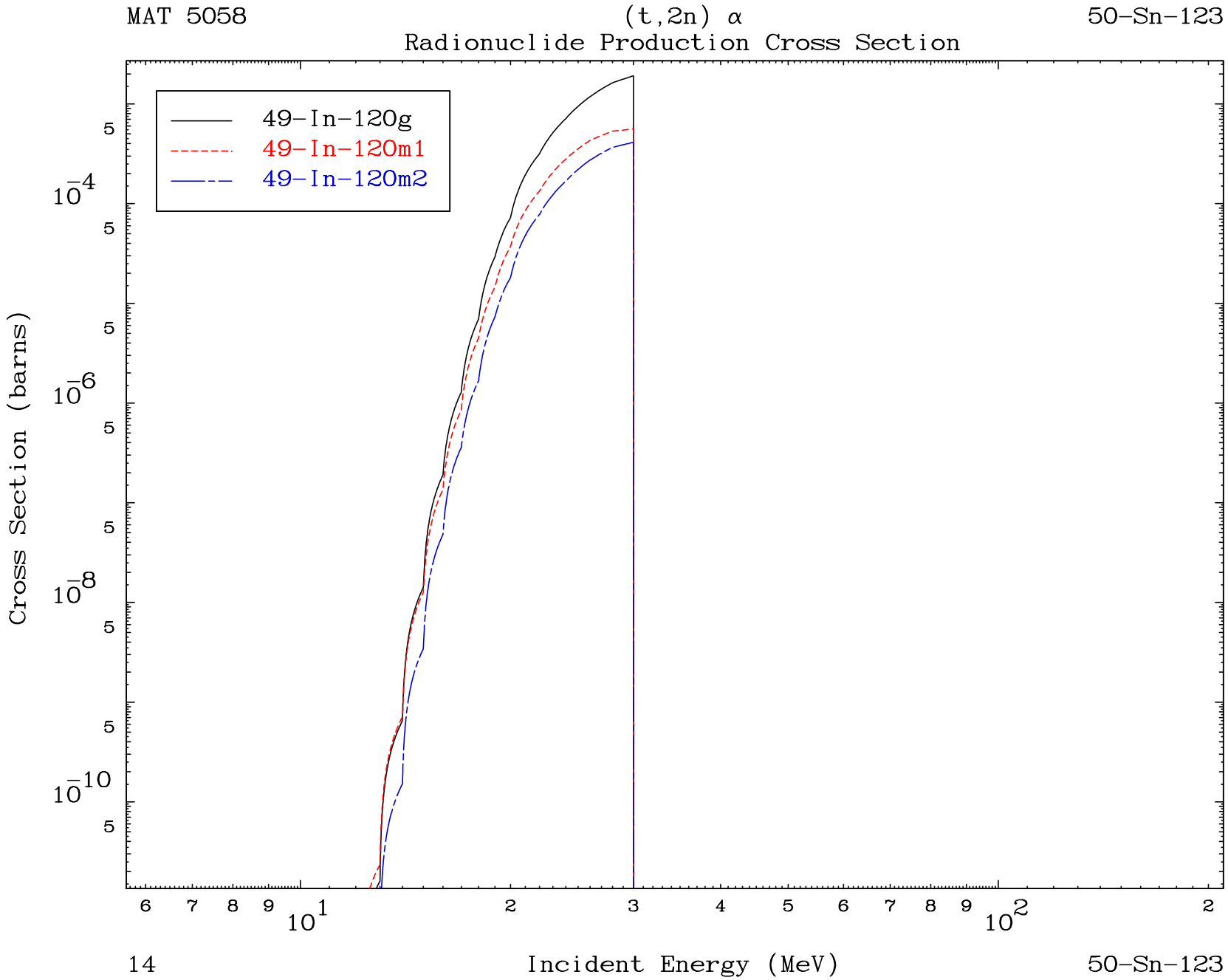

MAT 5058
(t,t) Levels
50-Sn-123
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
50-Sn-123

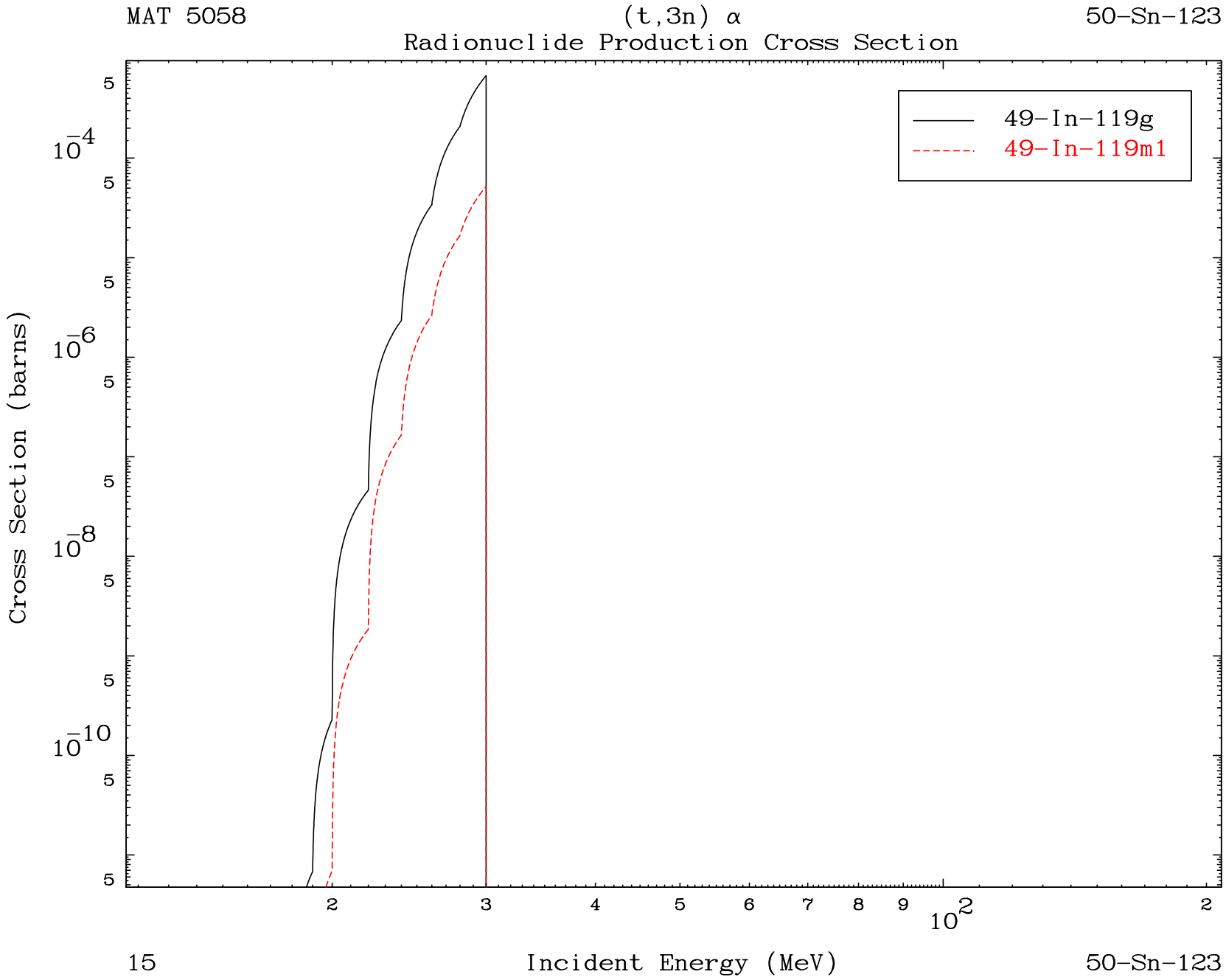

MAT 5058
(t,He3) Levels
50-Sn-123
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
50-Sn-123

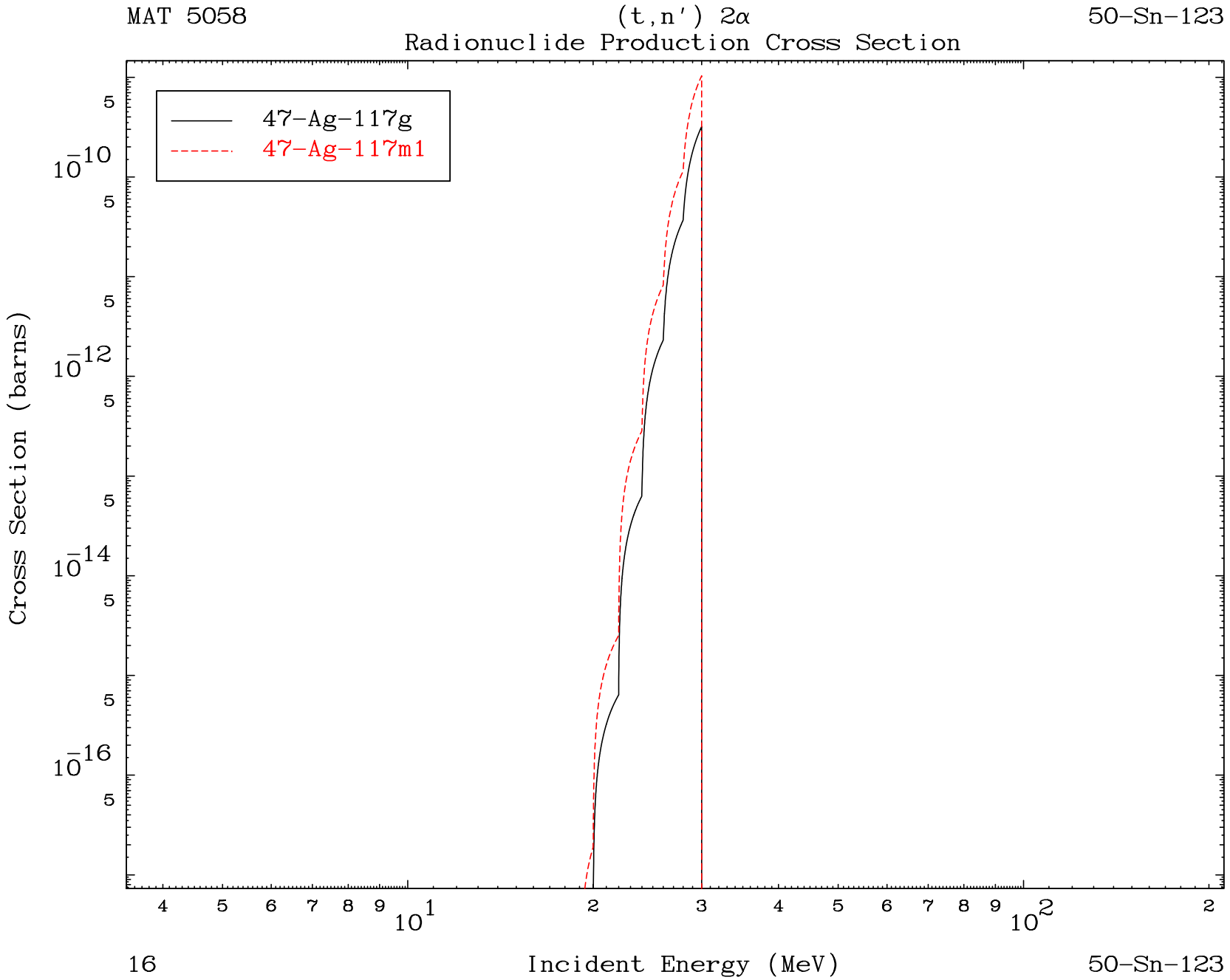

MAT 5058
(t,α) Levels
50-Sn-123
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
50-Sn-123

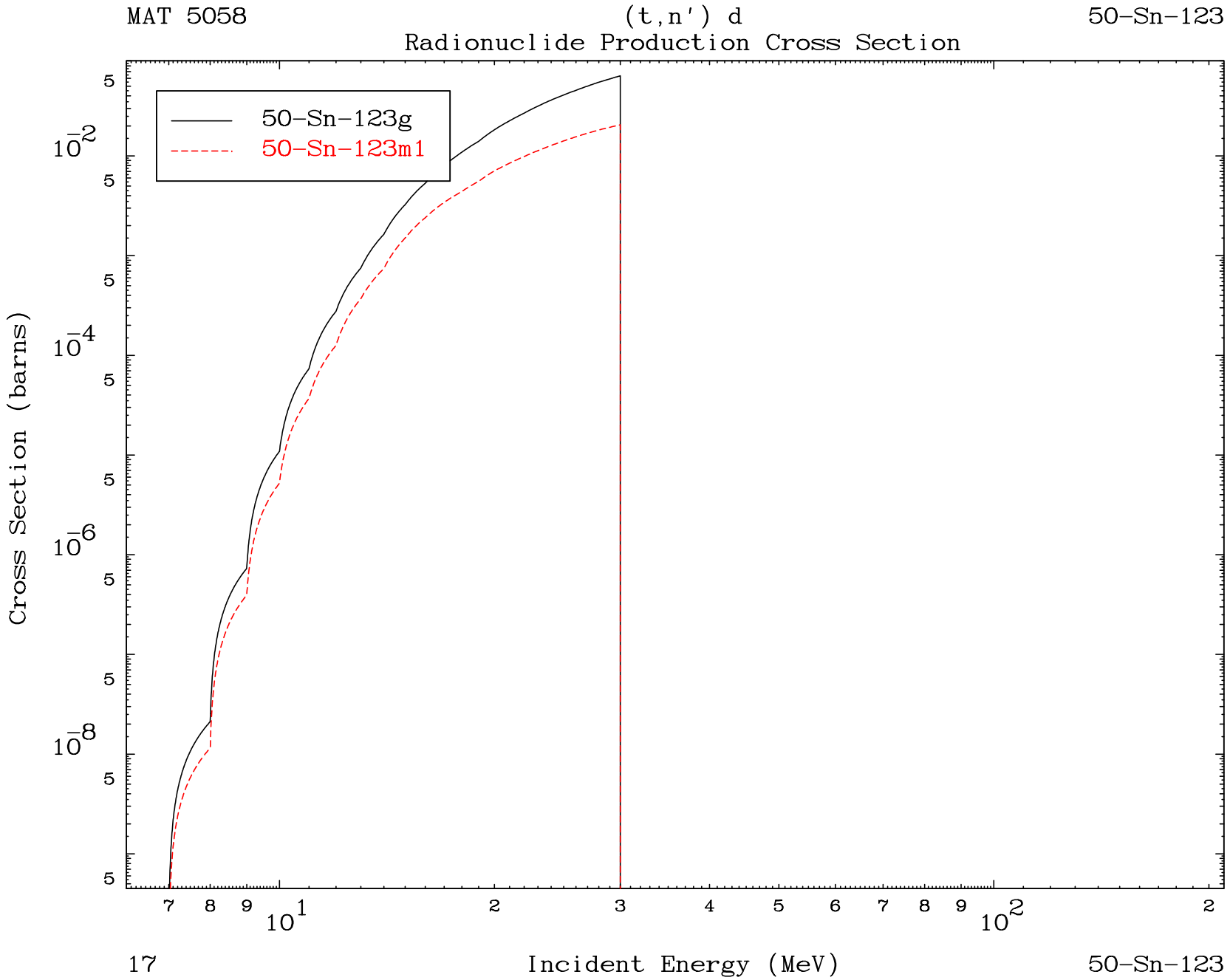

MAT 5058
(t,2n)
50-Sn-123
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
Incident Energy (MeV)
12
50-Sn-123

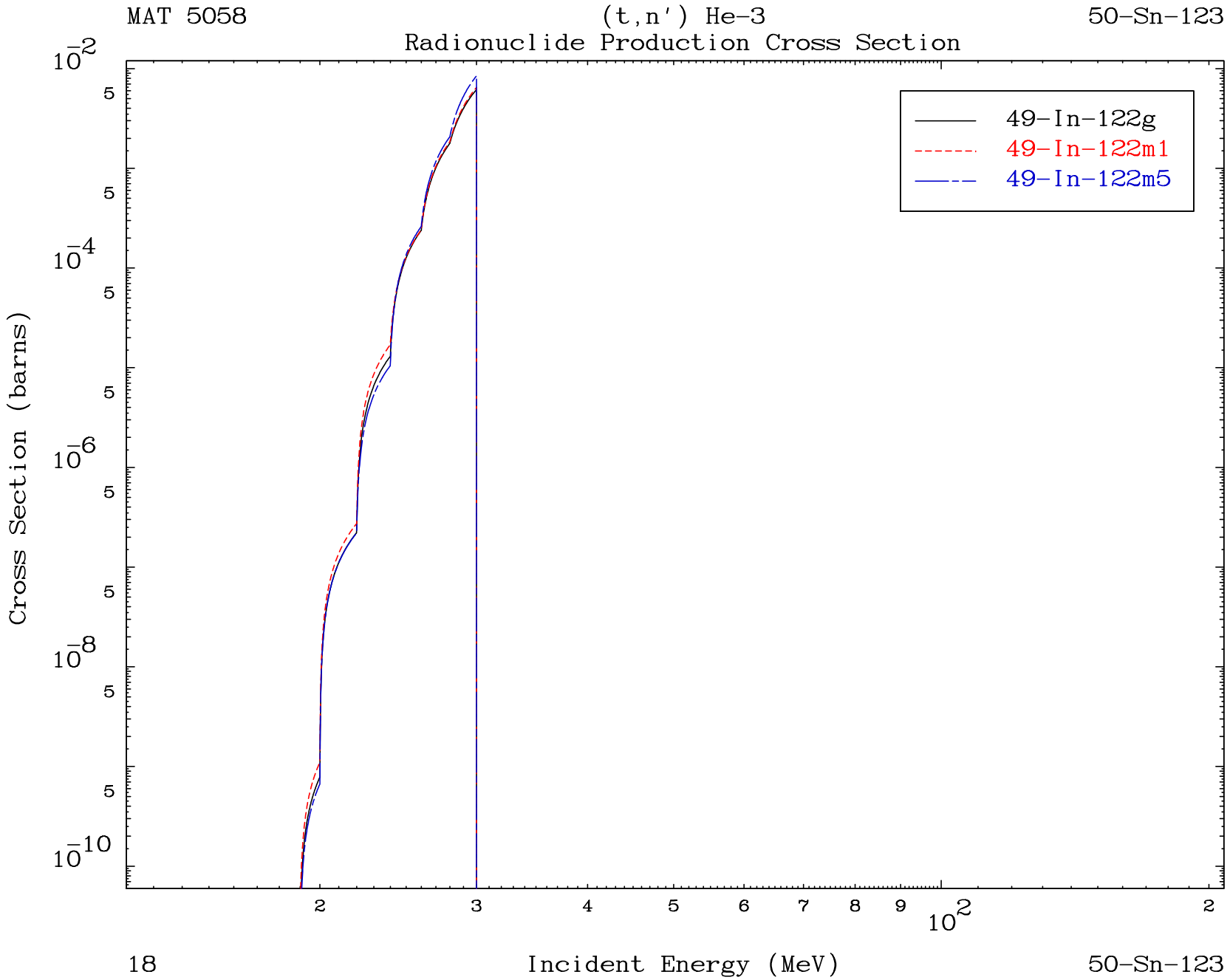

MAT 5058
(t,n') α
50-Sn-123
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
13
50-Sn-123

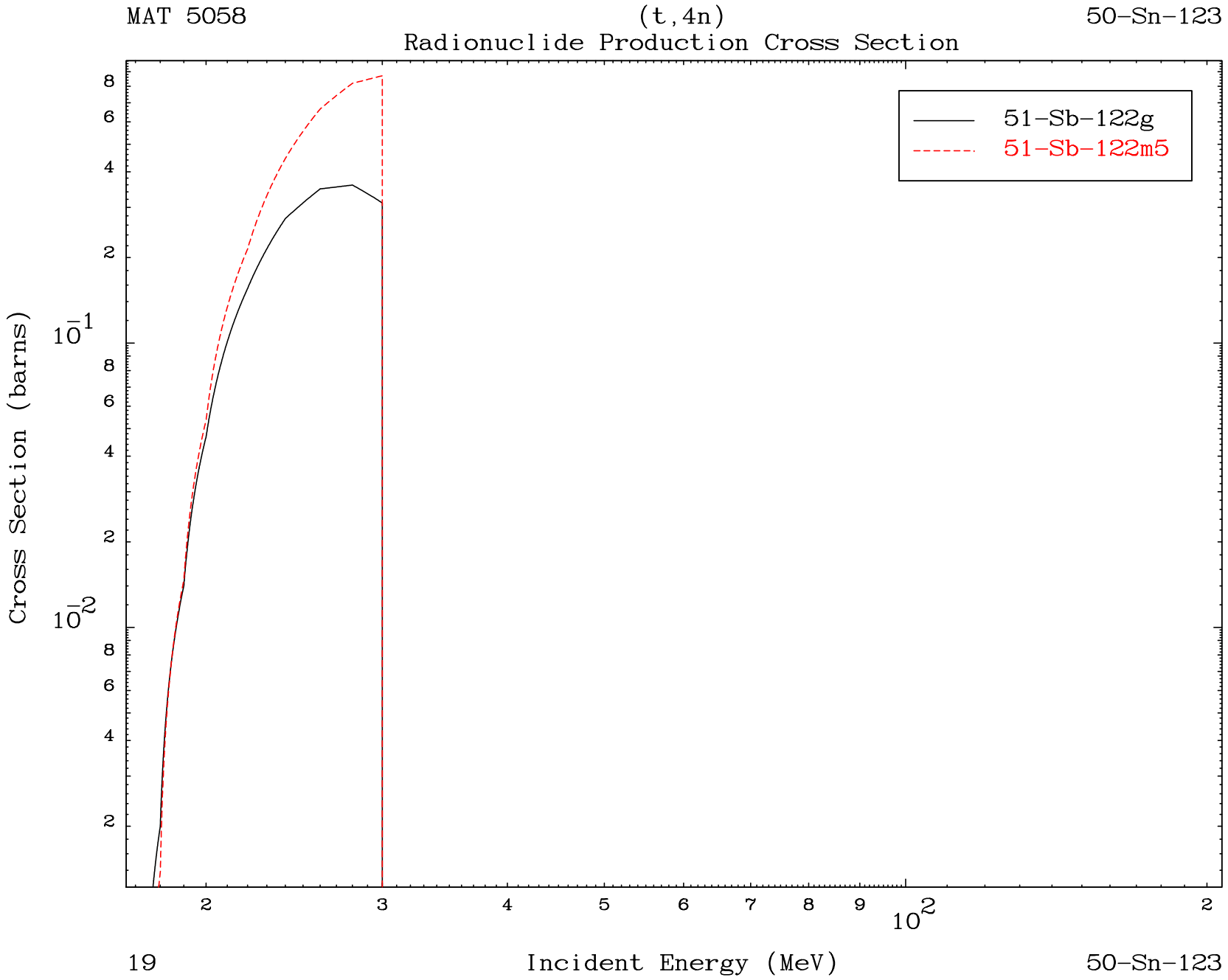

MAT 5058
(t,2n) α
50-Sn-123
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
14
50-Sn-123

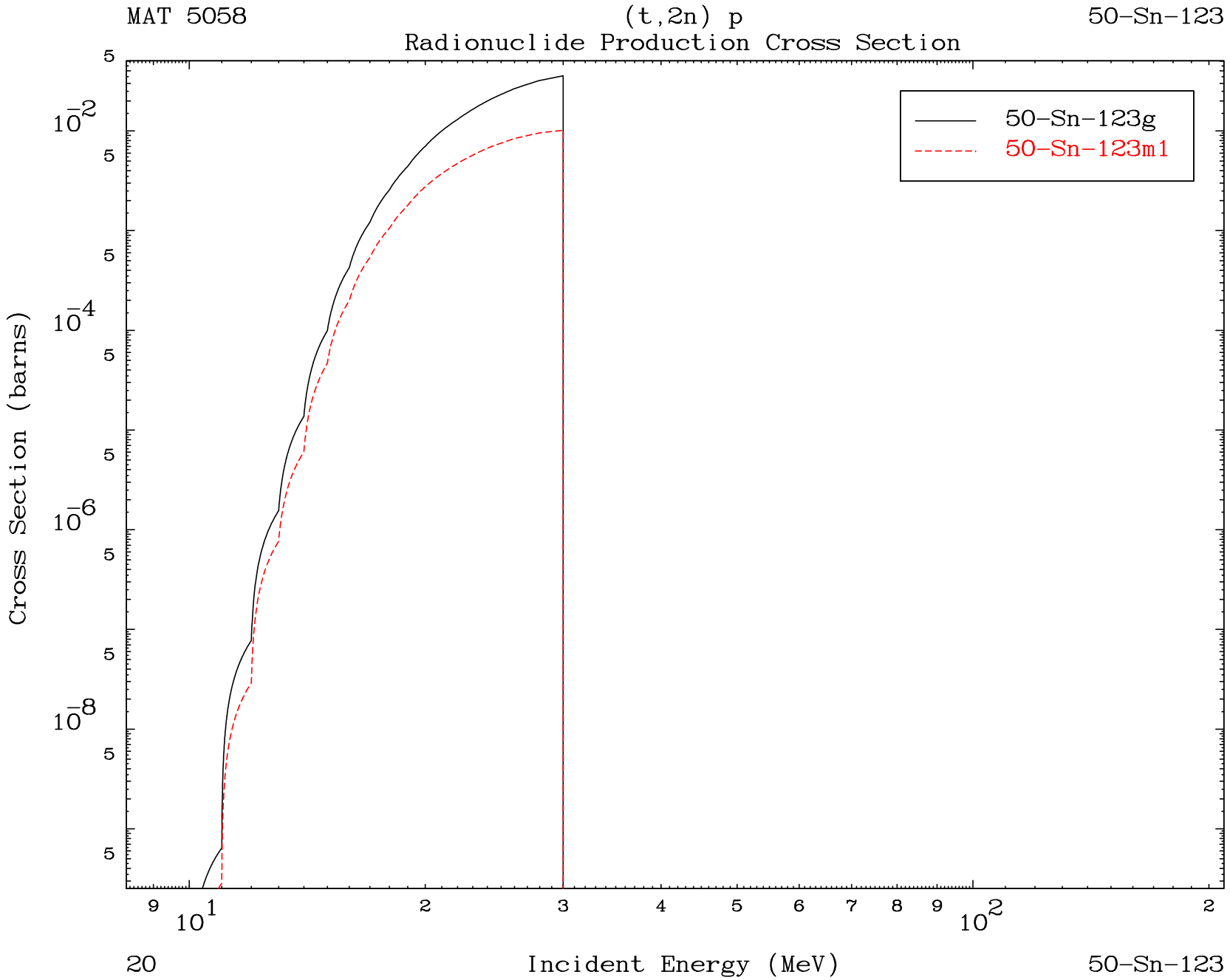

MAT 5058
(t,3n) α
50-Sn-123
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
50-Sn-123

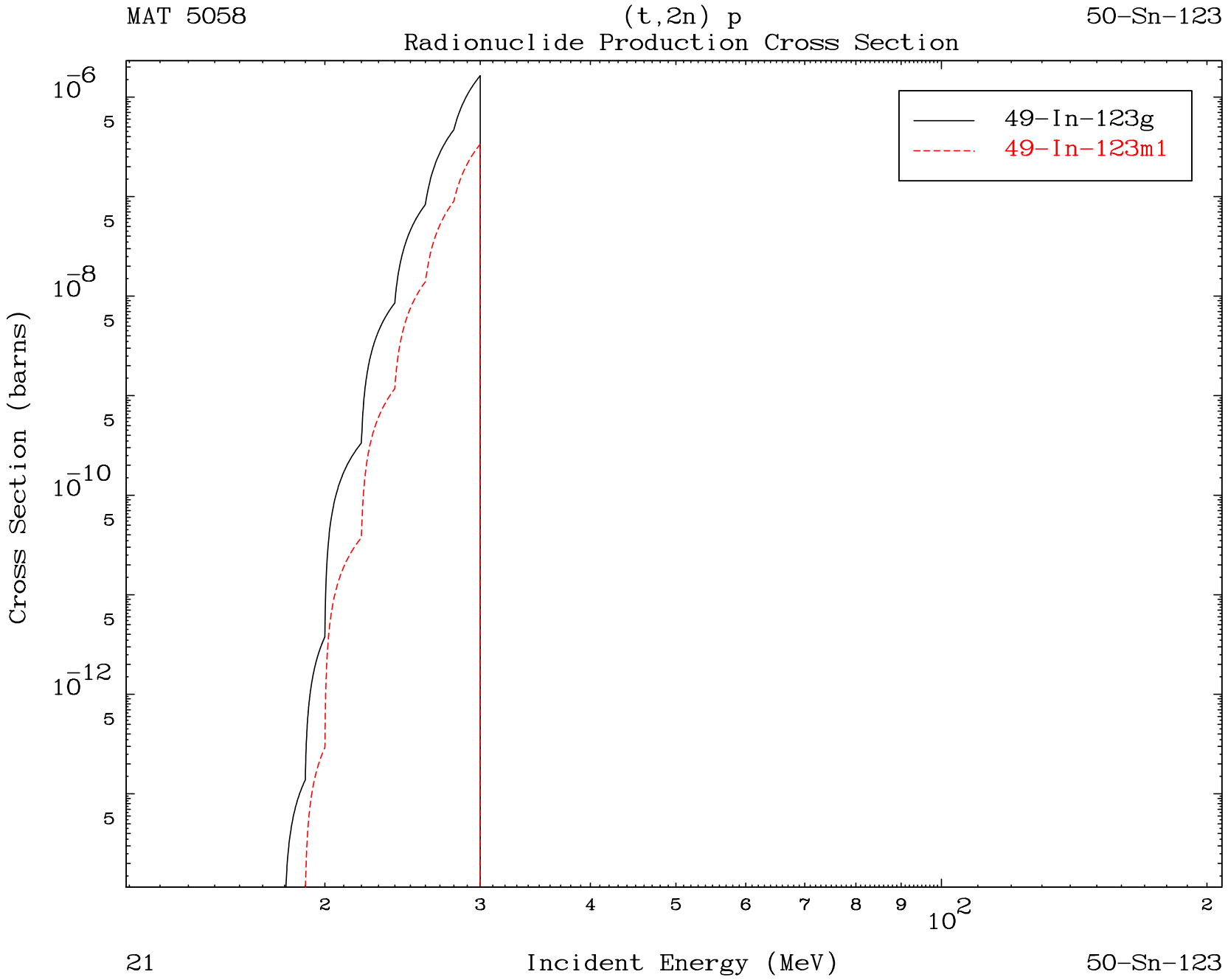

MAT 5058
(t,n') 2α
50-Sn-123
Radionuclide Production Cross Section
47-Ag-117g
47-Ag-117m1
Cross Section (barns)
Incident Energy (MeV)
16
50-Sn-123

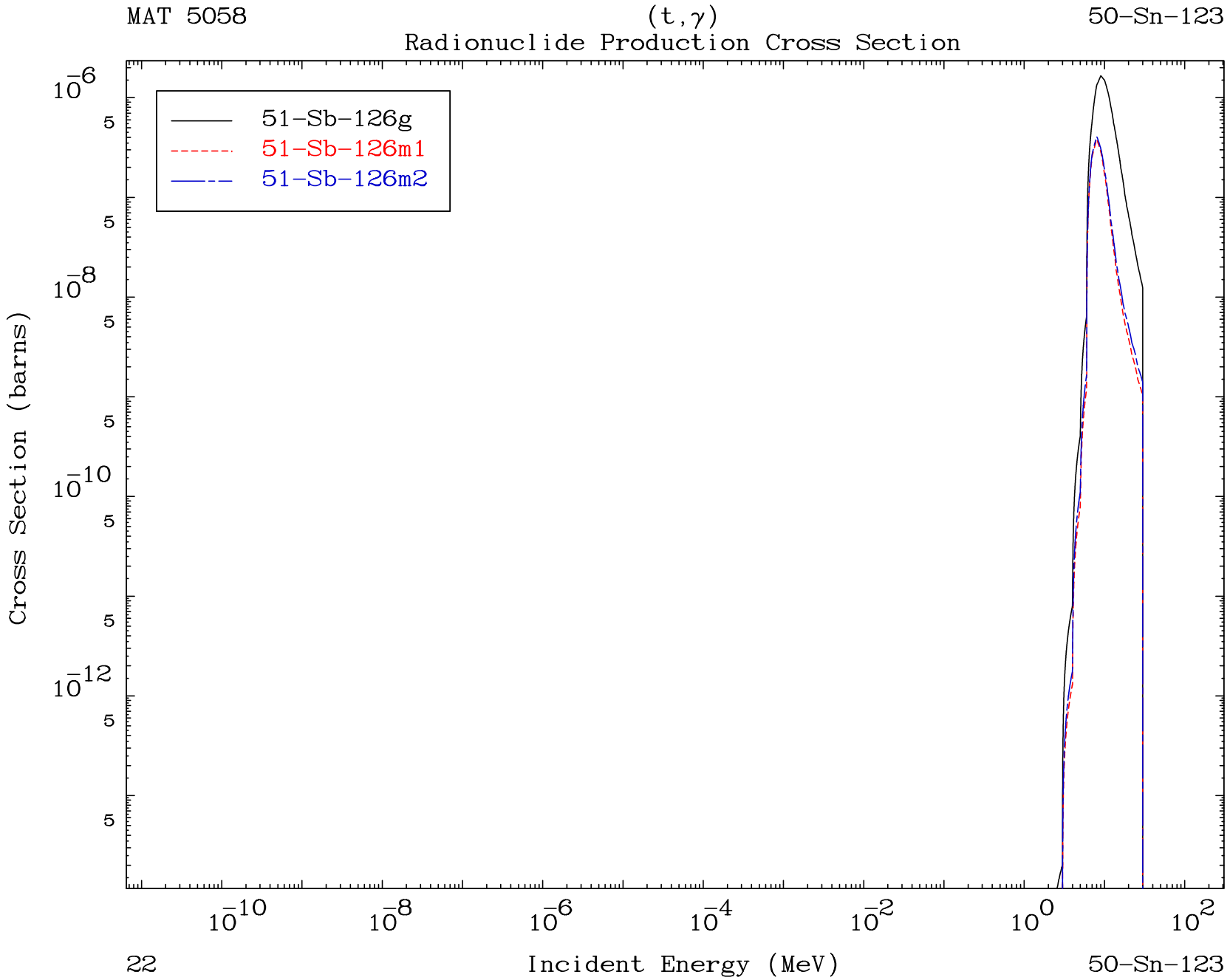

MAT 5058
(t,n') d
50-Sn-123
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
17
50-Sn-123

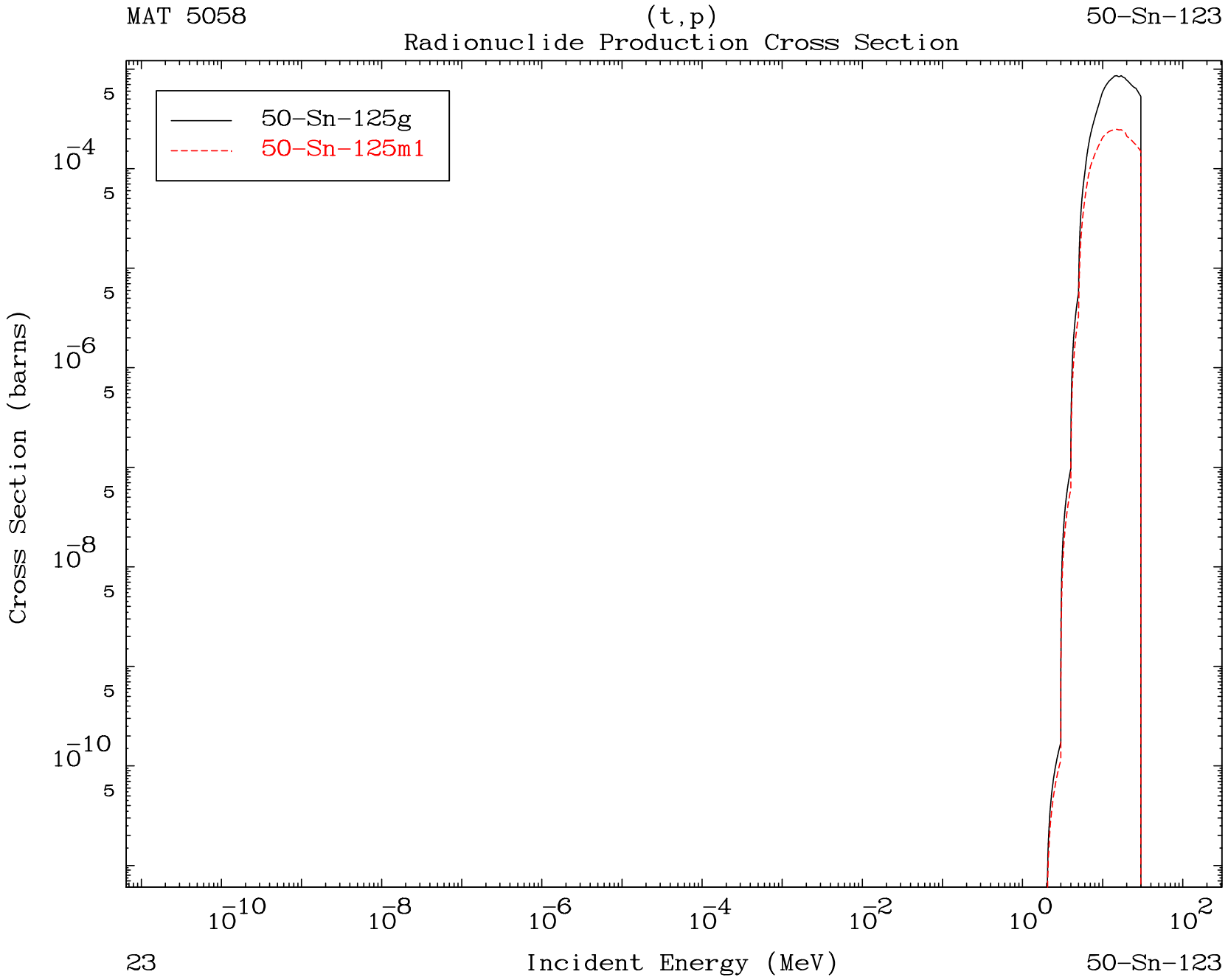

MAT 5058
(t,n') He-3
50-Sn-123
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
5
2
3
4
6
7
8
9
102
49-In-122g
49-In-122m1
49-In-122m5
18
Incident Energy (MeV)
50-Sn-123

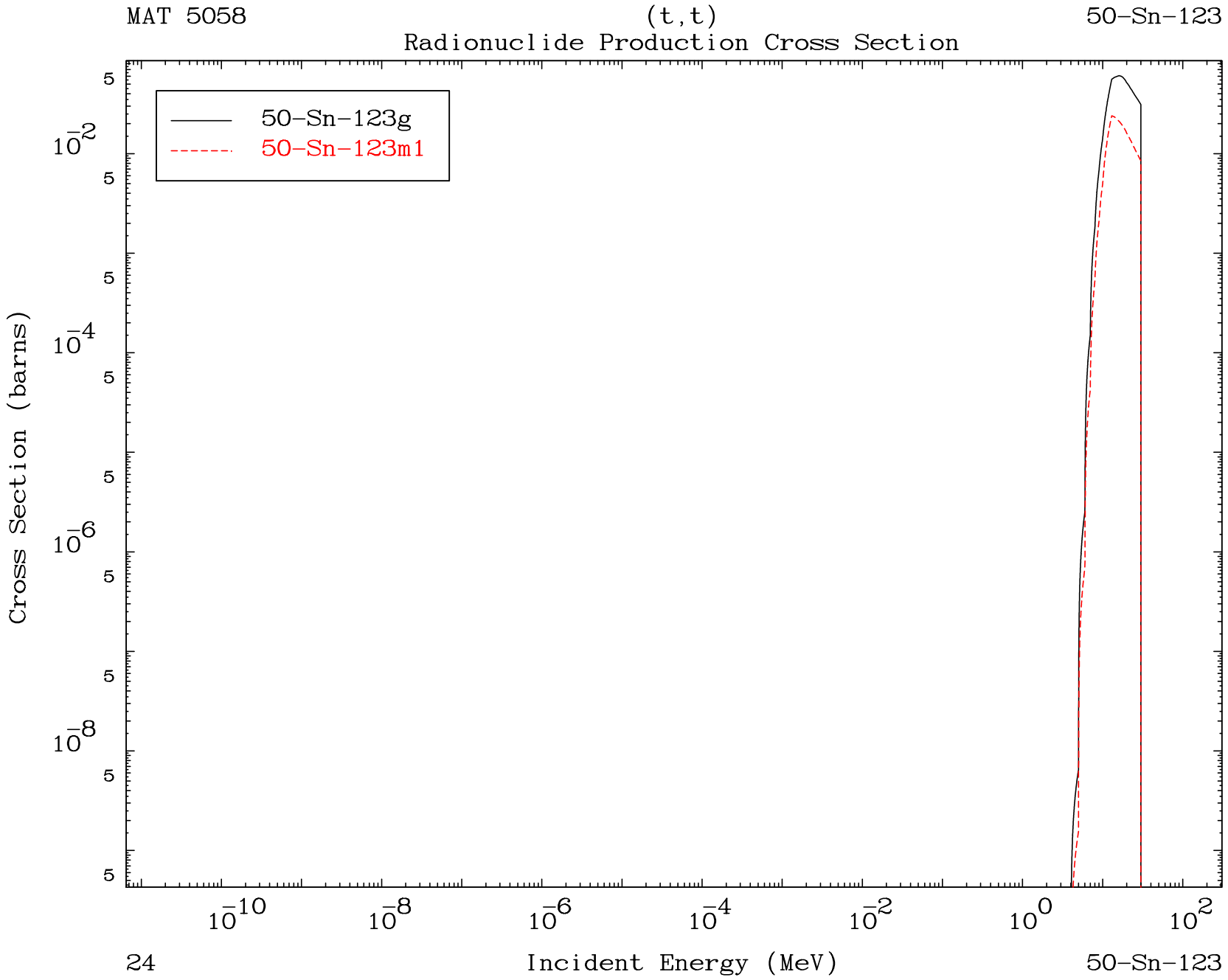

MAT 5058
(t,4n)
50-Sn-123
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
19
50-Sn-123

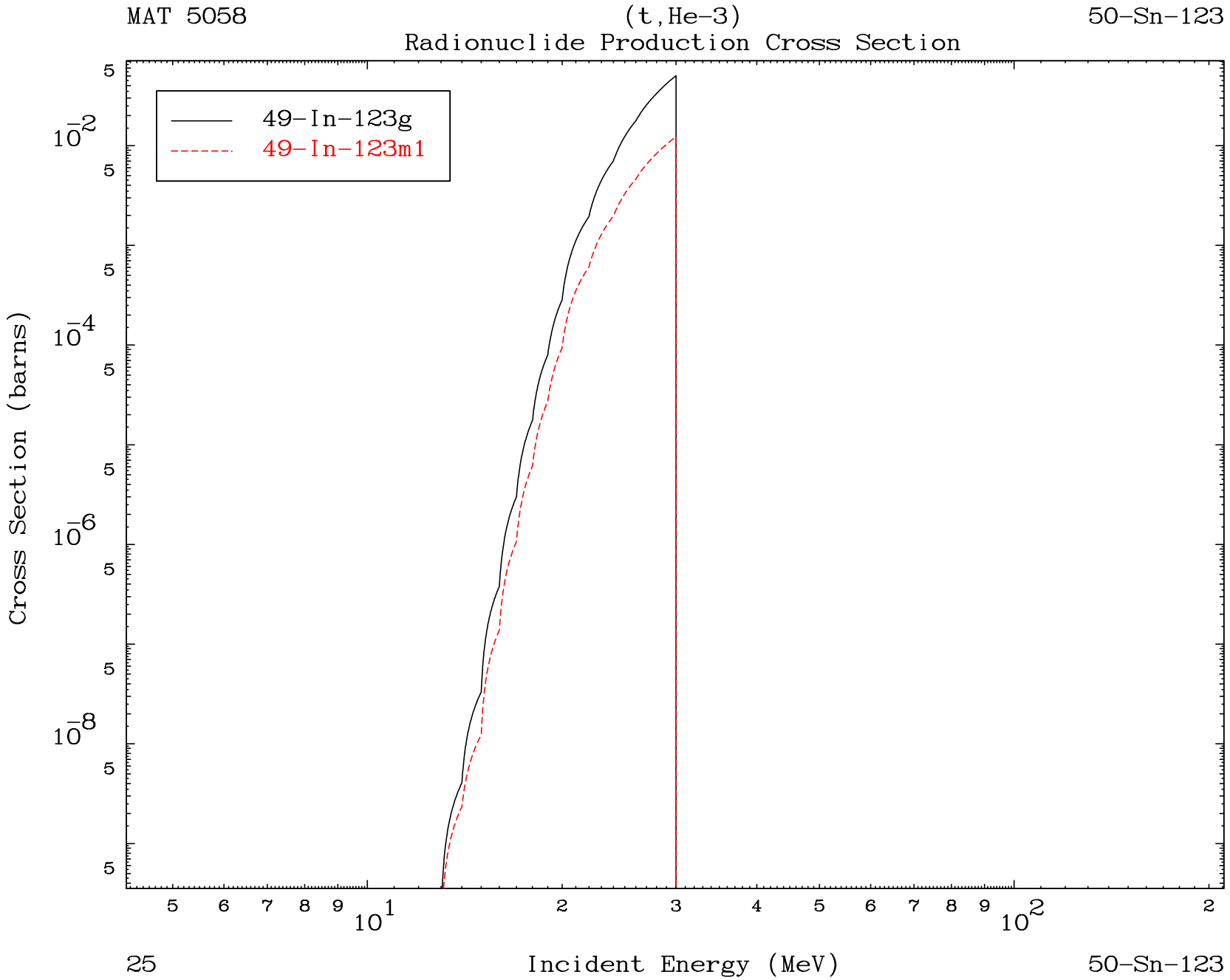

MAT 5058
(t,2n) p
50-Sn-123
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
20
50-Sn-123

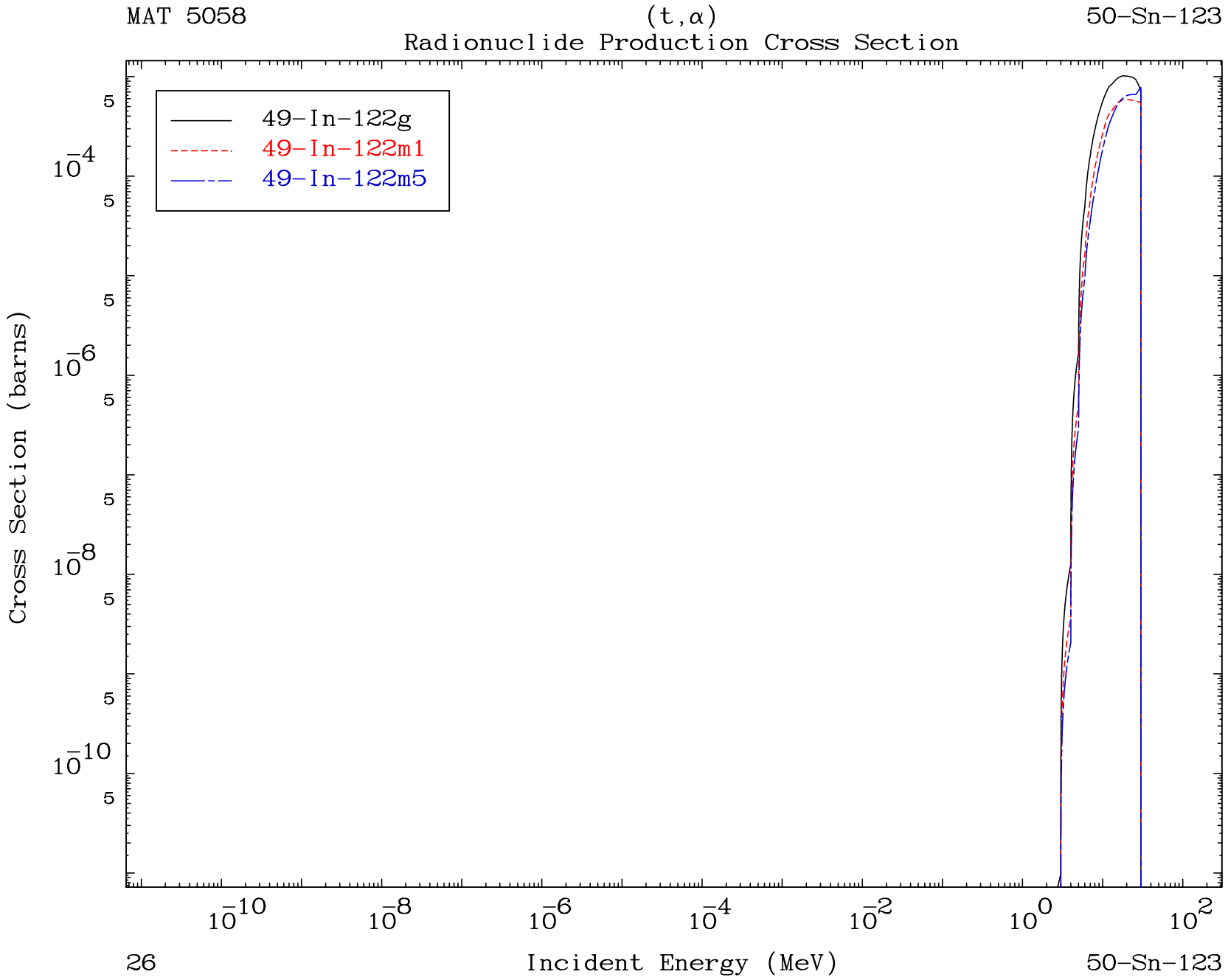

MAT 5058
(t,2n) p
50-Sn-123
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
21
50-Sn-123

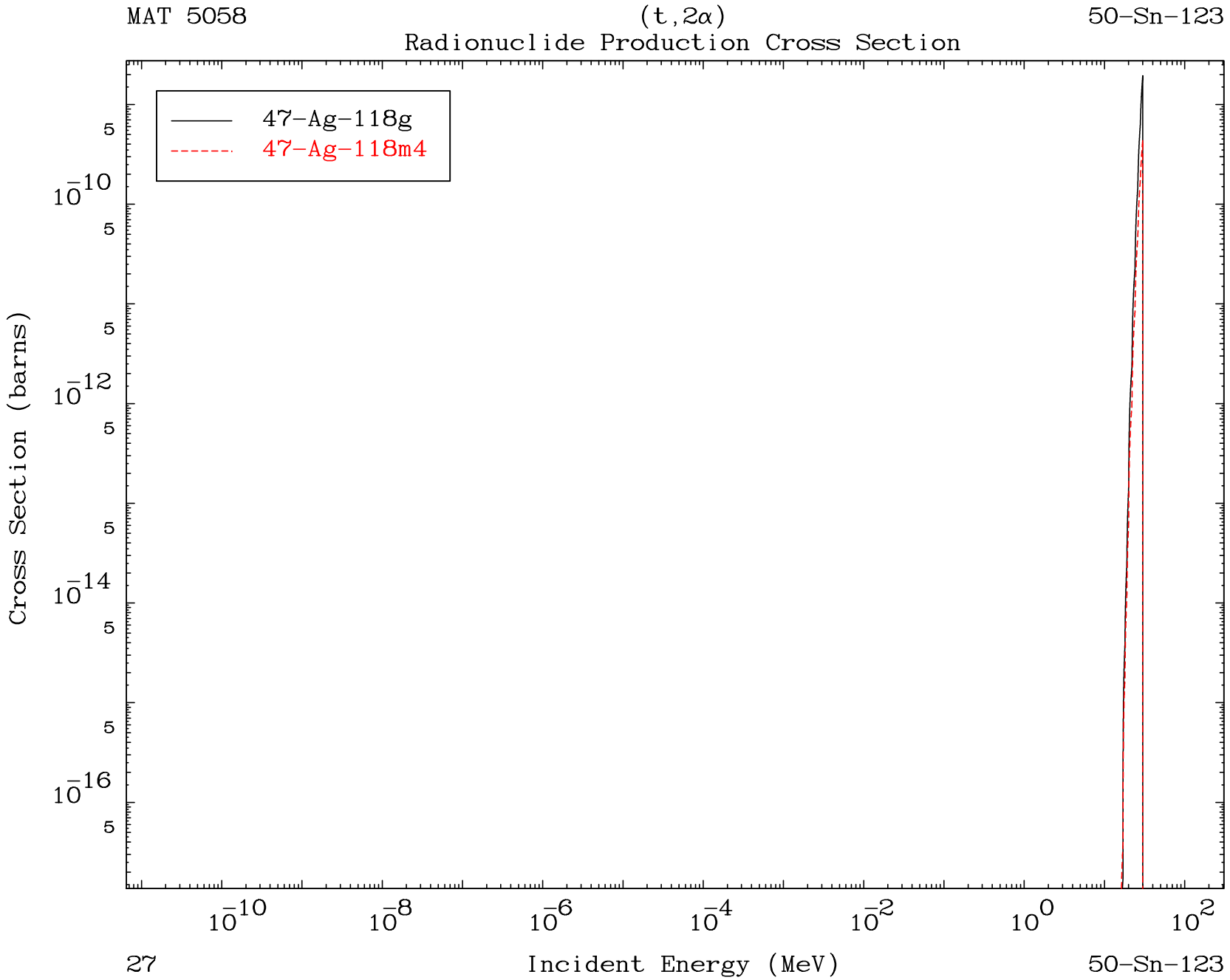

MAT 5058
(t,γ)
50-Sn-123
Radionuclide Production Cross Section
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
Cross Section (barns)
Incident Energy (MeV)
22
50-Sn-123

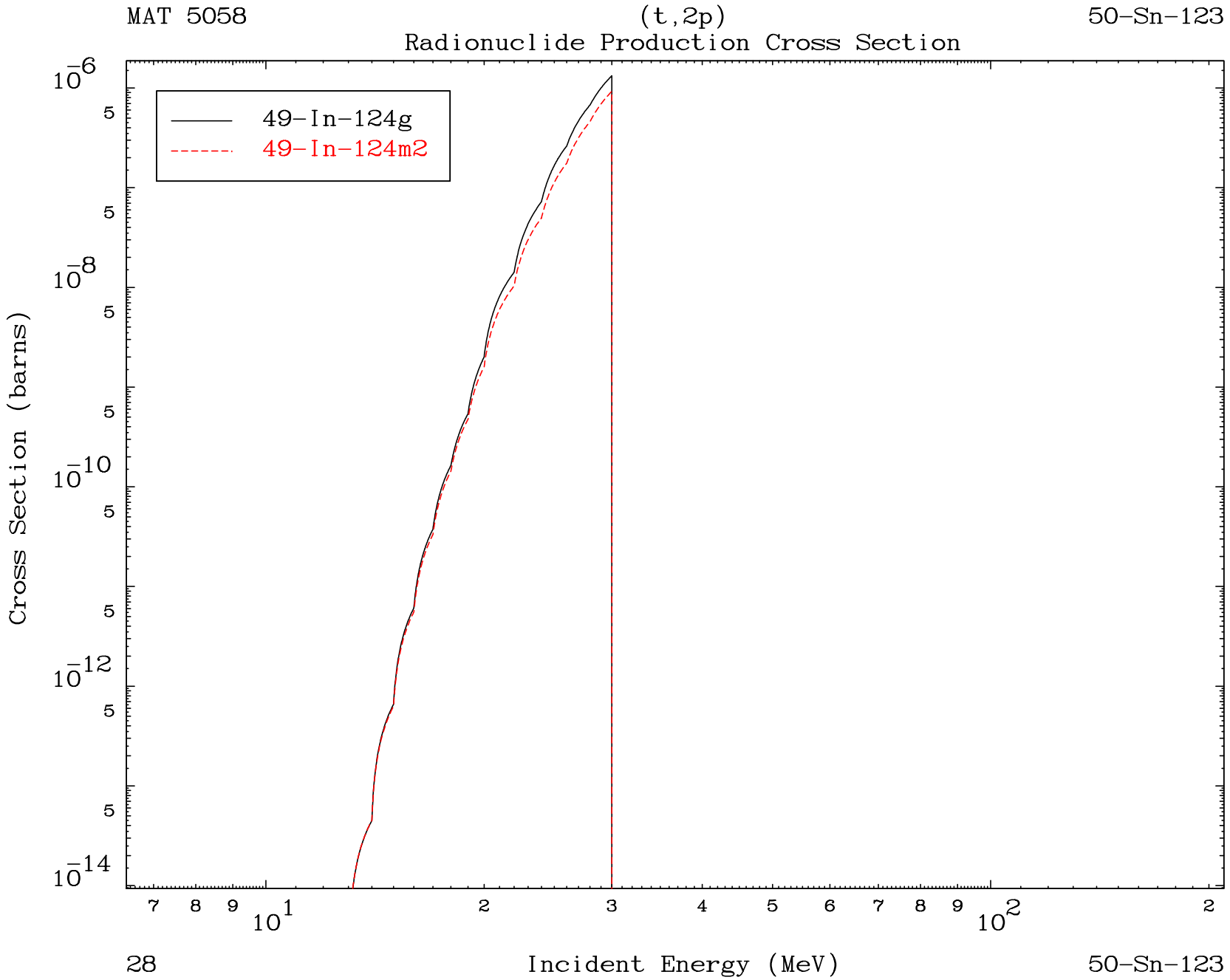

MAT 5058
(t,p)
50-Sn-123
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
Incident Energy (MeV)
23
50-Sn-123

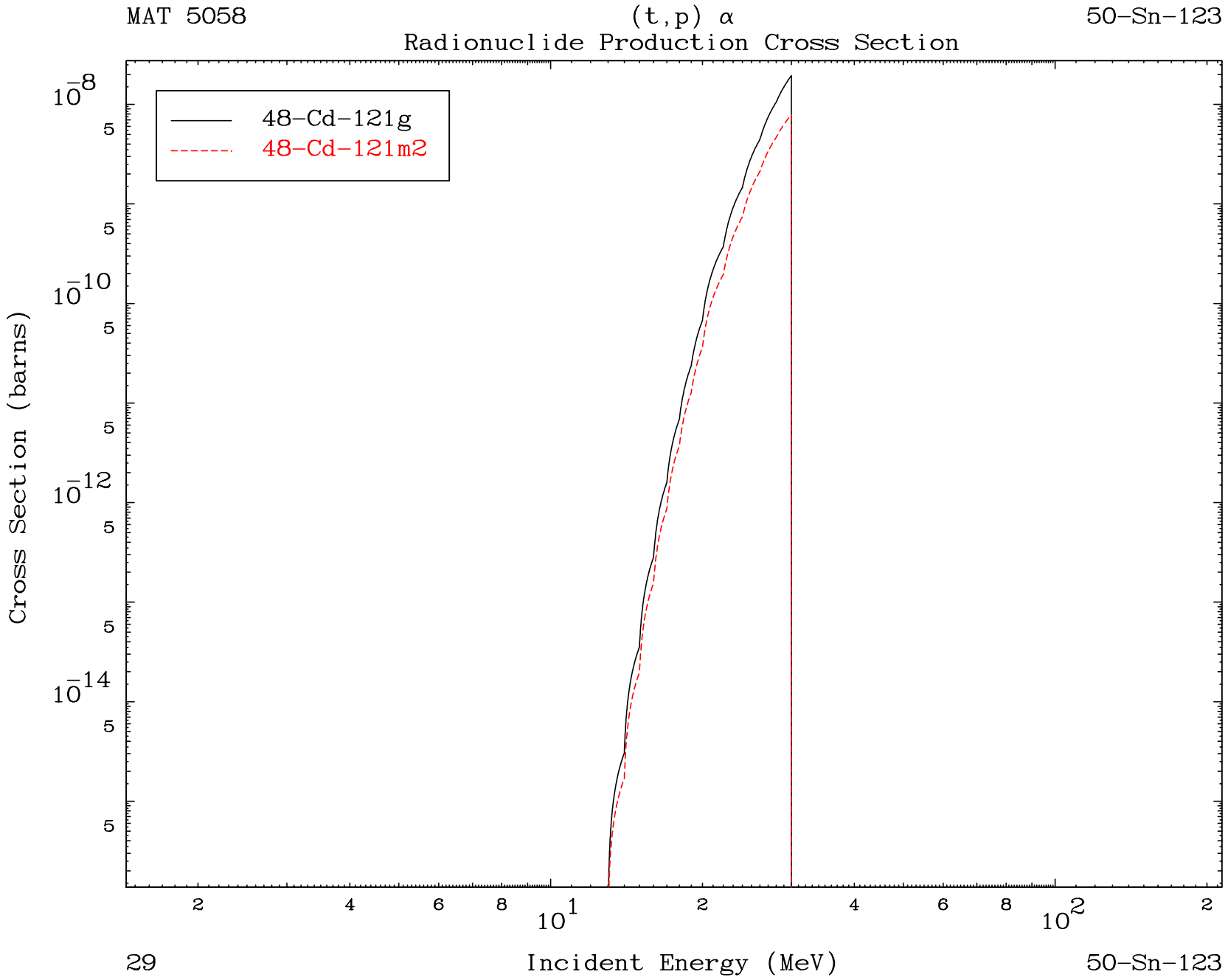

MAT 5058
(t,t)
50-Sn-123
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
24
50-Sn-123

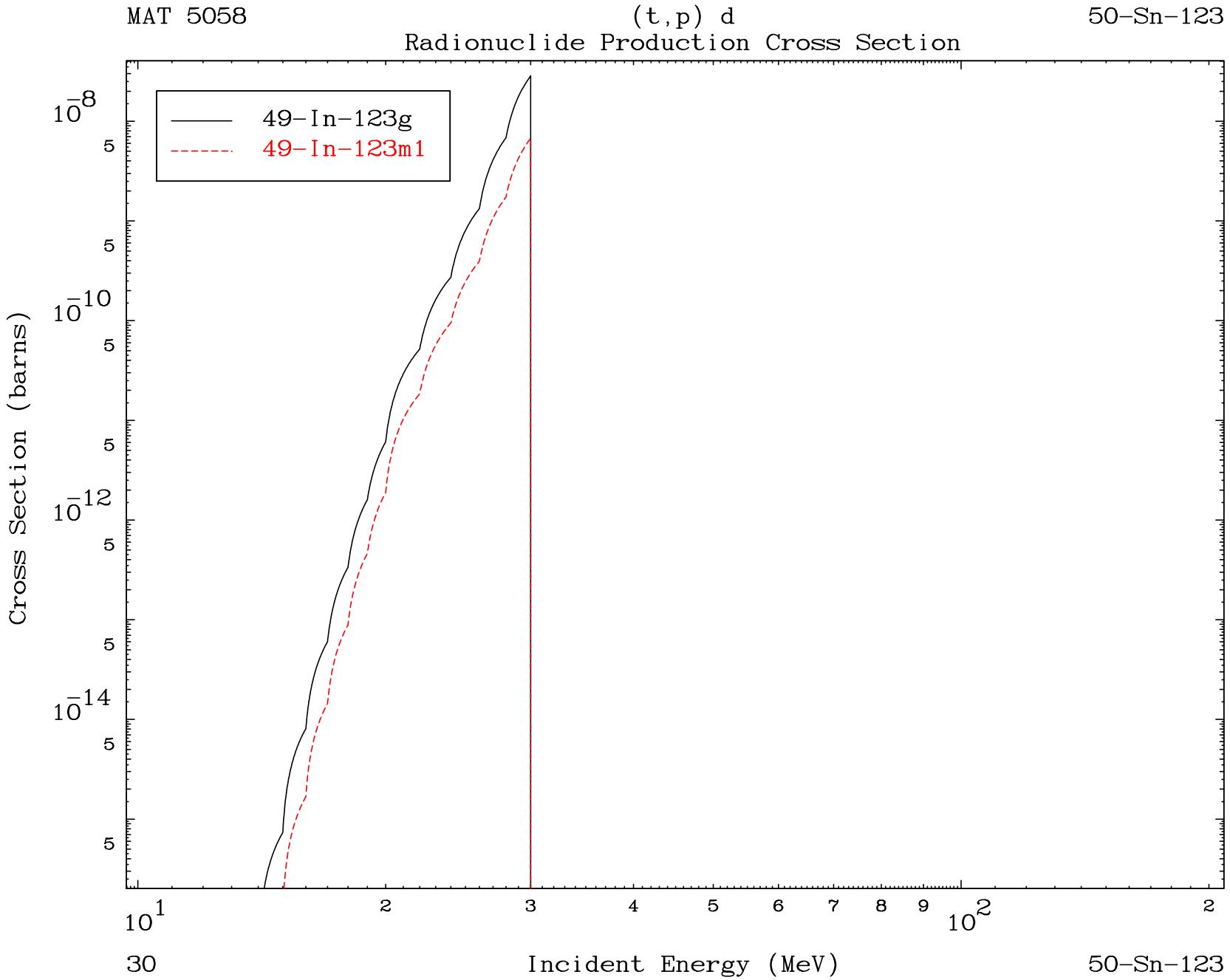

MAT 5058
(t,He-3)
50-Sn-123
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
25
50-Sn-123

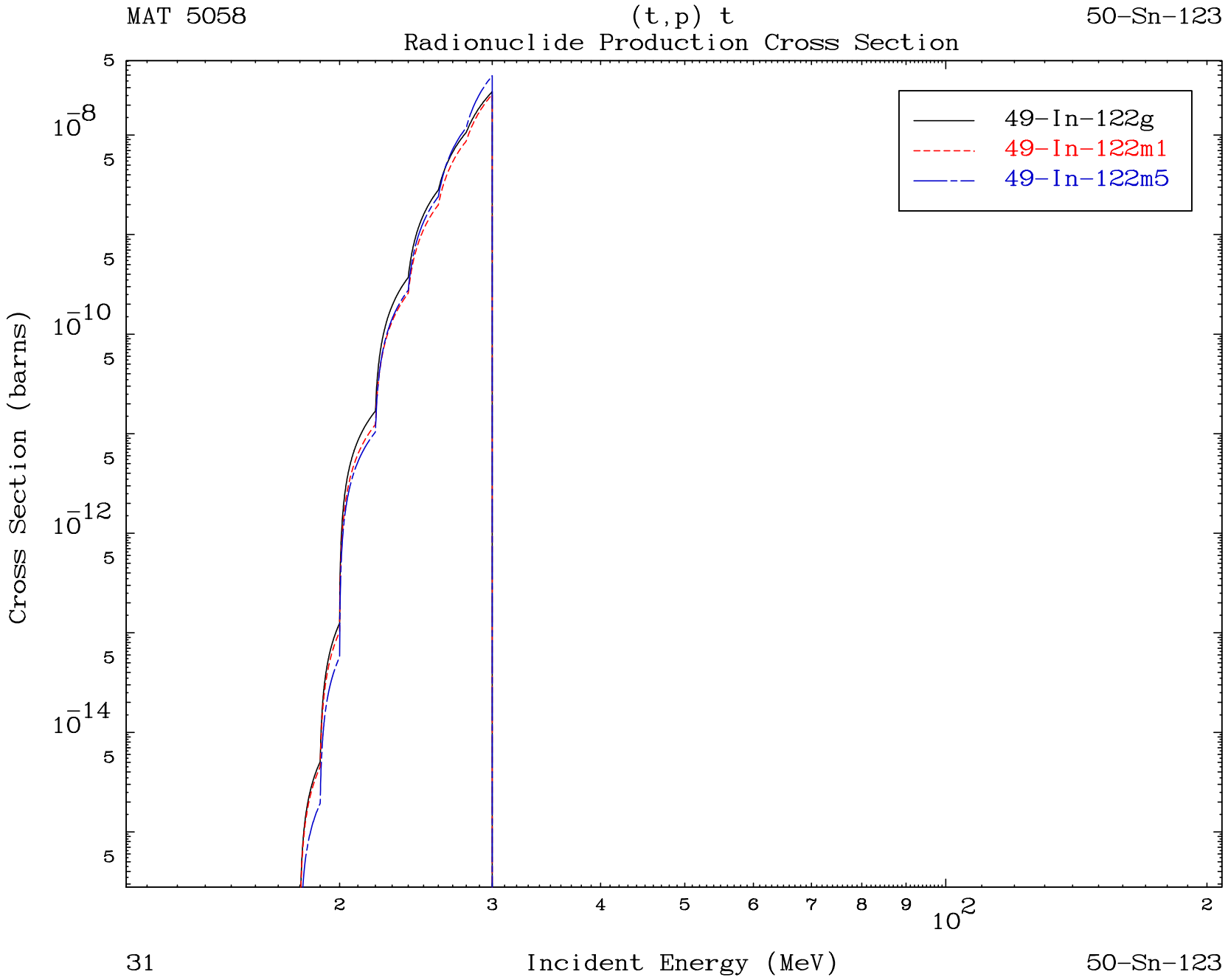

MAT 5058
(t,α)
50-Sn-123
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
26
50-Sn-123


MAT 5058
(t,2α)
50-Sn-123
Radionuclide Production Cross Section
47-Ag-118g
47-Ag-118m4
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
27
Incident Energy (MeV)
50-Sn-123


MAT 5058
(t,2p)
50-Sn-123
Radionuclide Production Cross Section
49-In-124g
49-In-124m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
5
7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
28
Incident Energy (MeV)
50-Sn-123


MAT 5058
(t,p) α
50-Sn-123
Radionuclide Production Cross Section
48-Cd-121g
48-Cd-121m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
4
6
8
10 1
10 2
29
Incident Energy (MeV)
50-Sn-123


MAT 5058
(t,p) d
50-Sn-123
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
101
2
3
4
5
6
7
8
9
102
2
30
Incident Energy (MeV)
50-Sn-123


MAT 5058
(t,p) t
50-Sn-123
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
31
50-Sn-123