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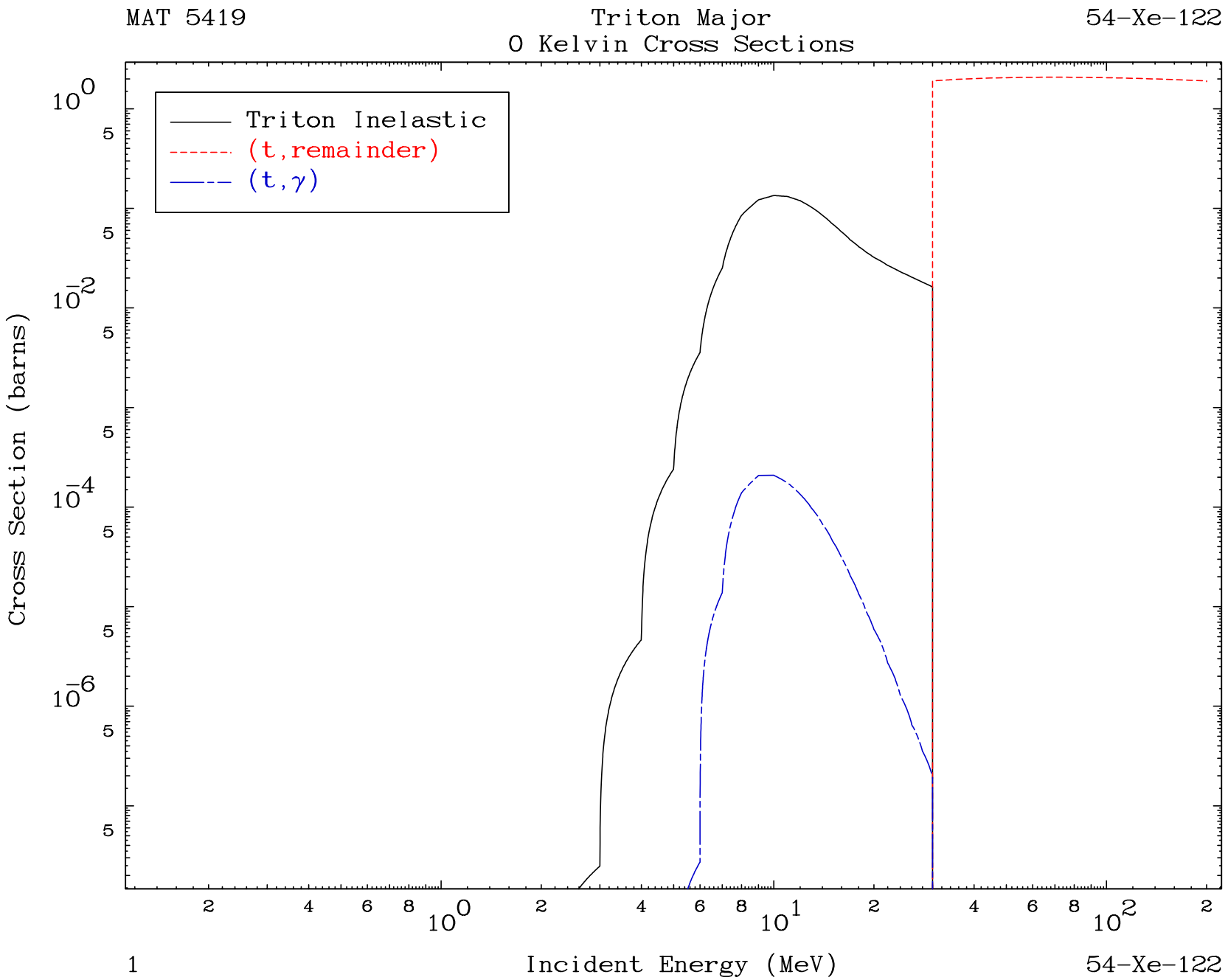
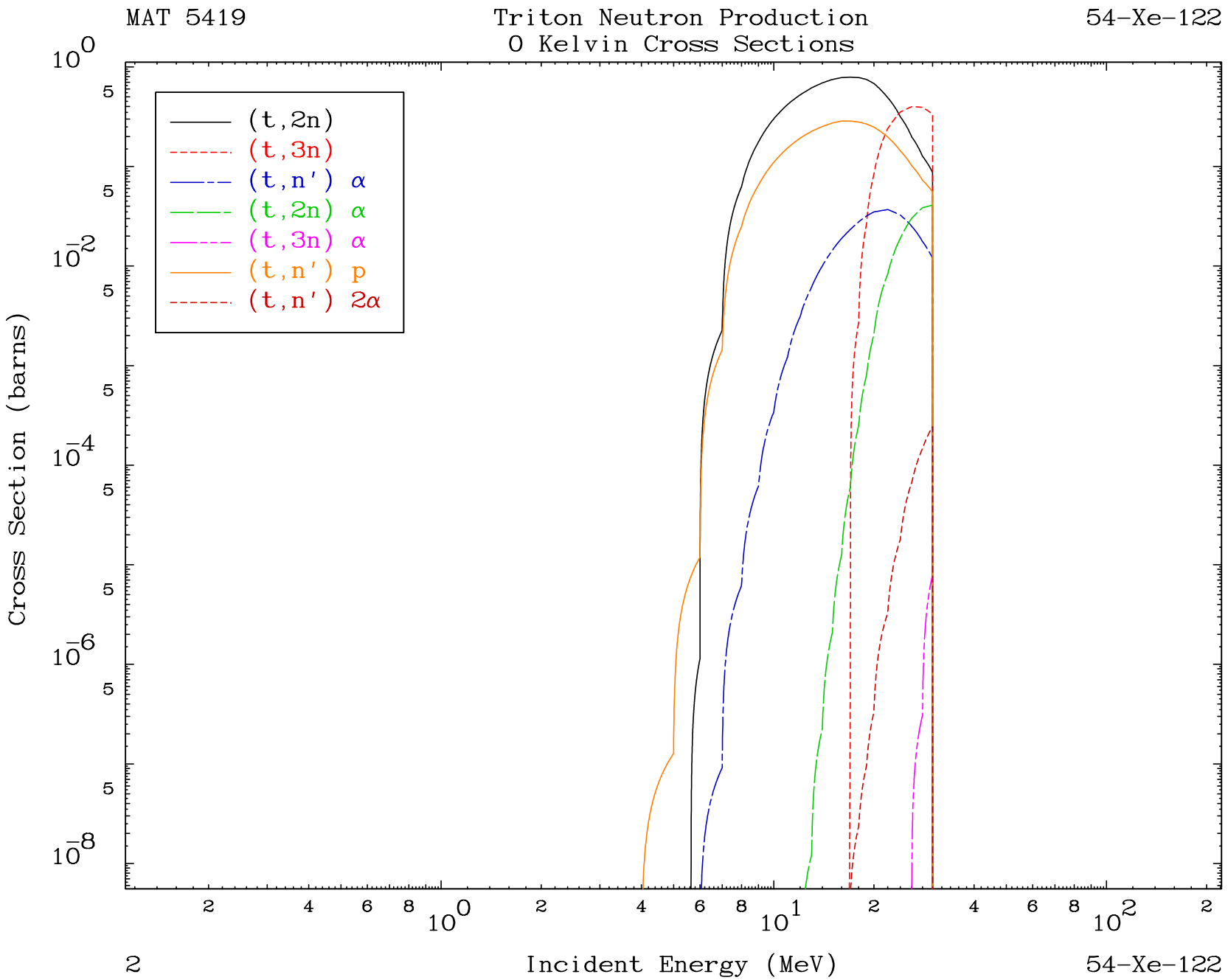
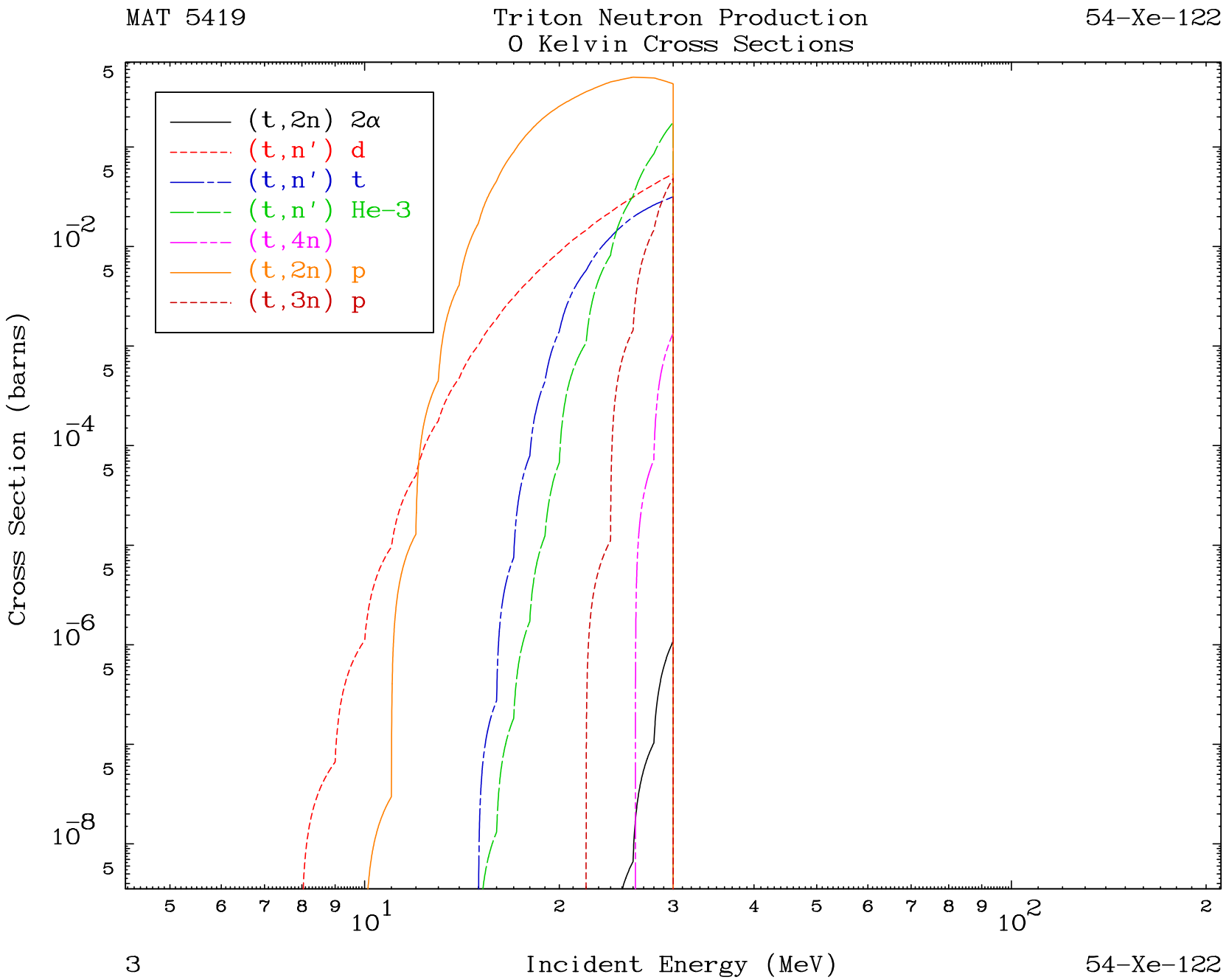
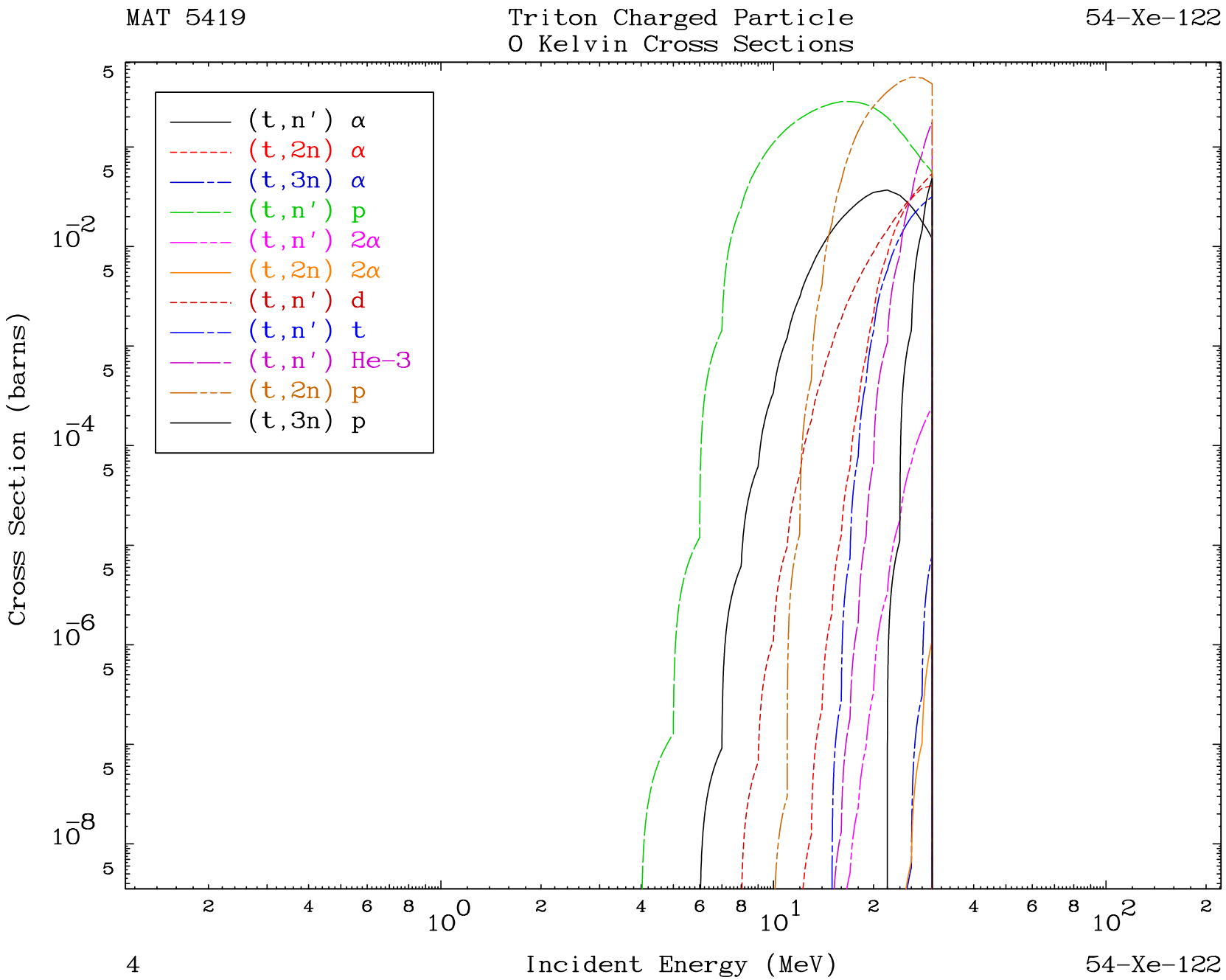
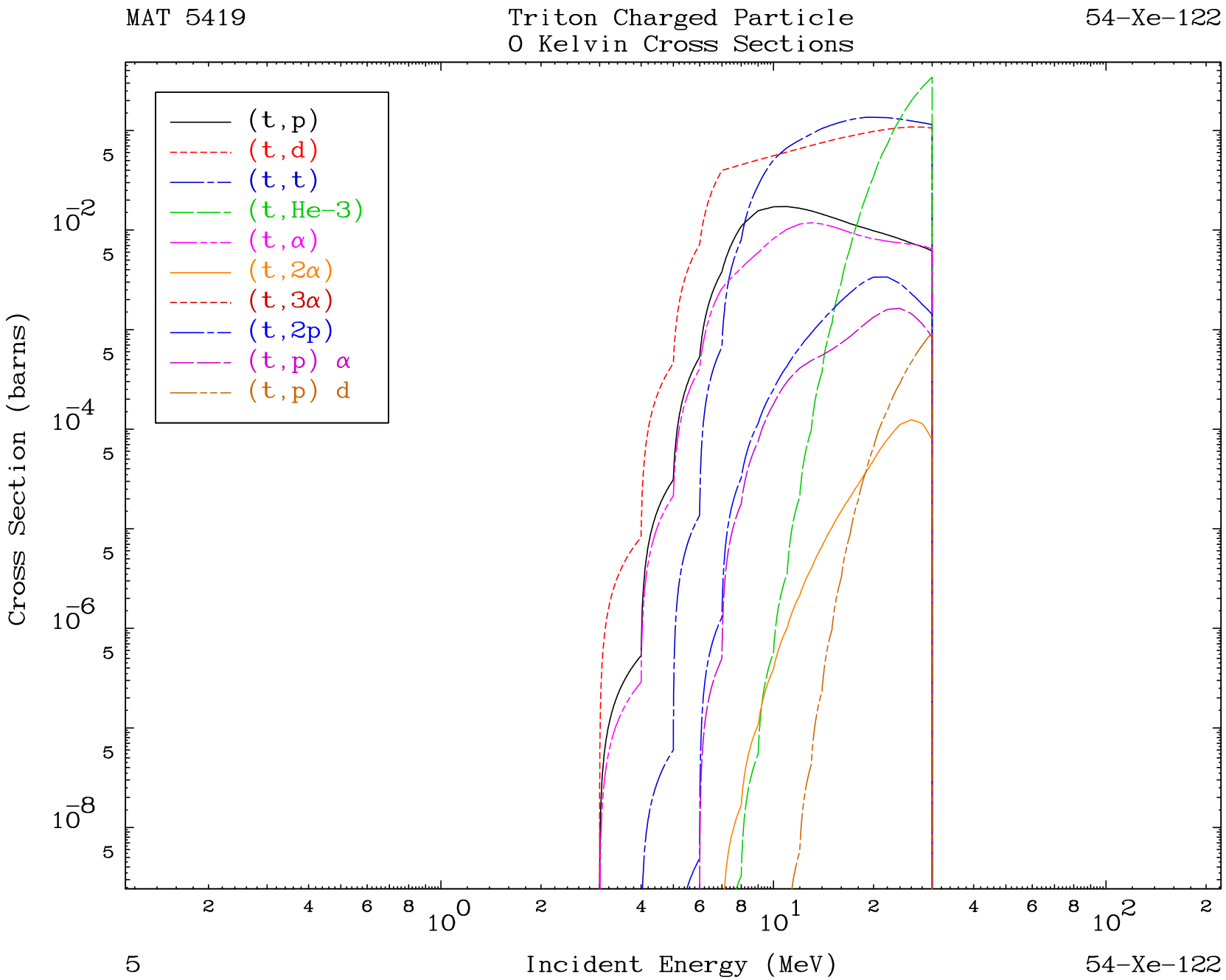
Press Mouse Button to Start

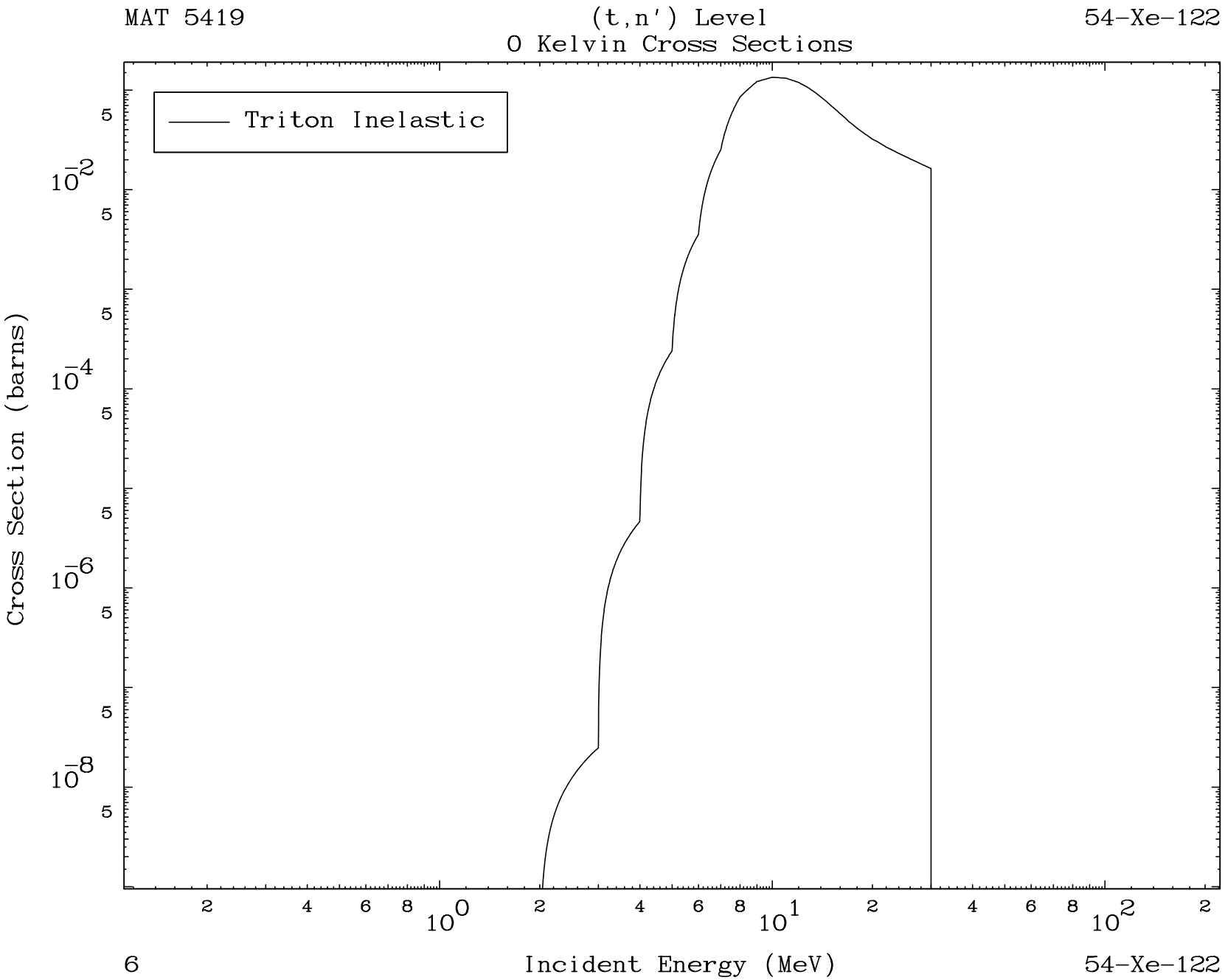

MAT 5419
Triton Major
54-Xe-122
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
54-Xe-122
1

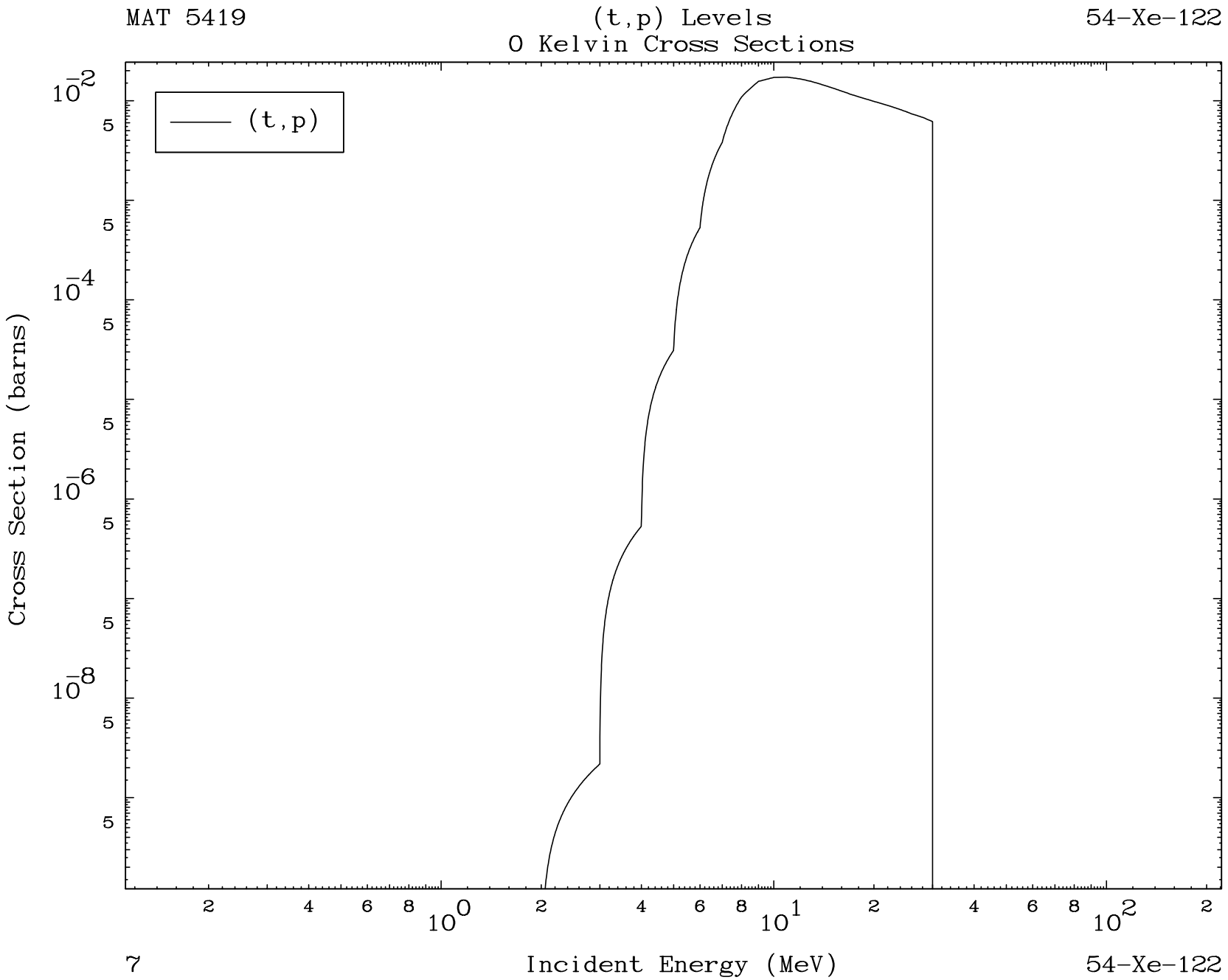

MAT 5419
Triton Neutron Production
0 Kelvin Cross Sections
54-Xe-122
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
54-Xe-122
2

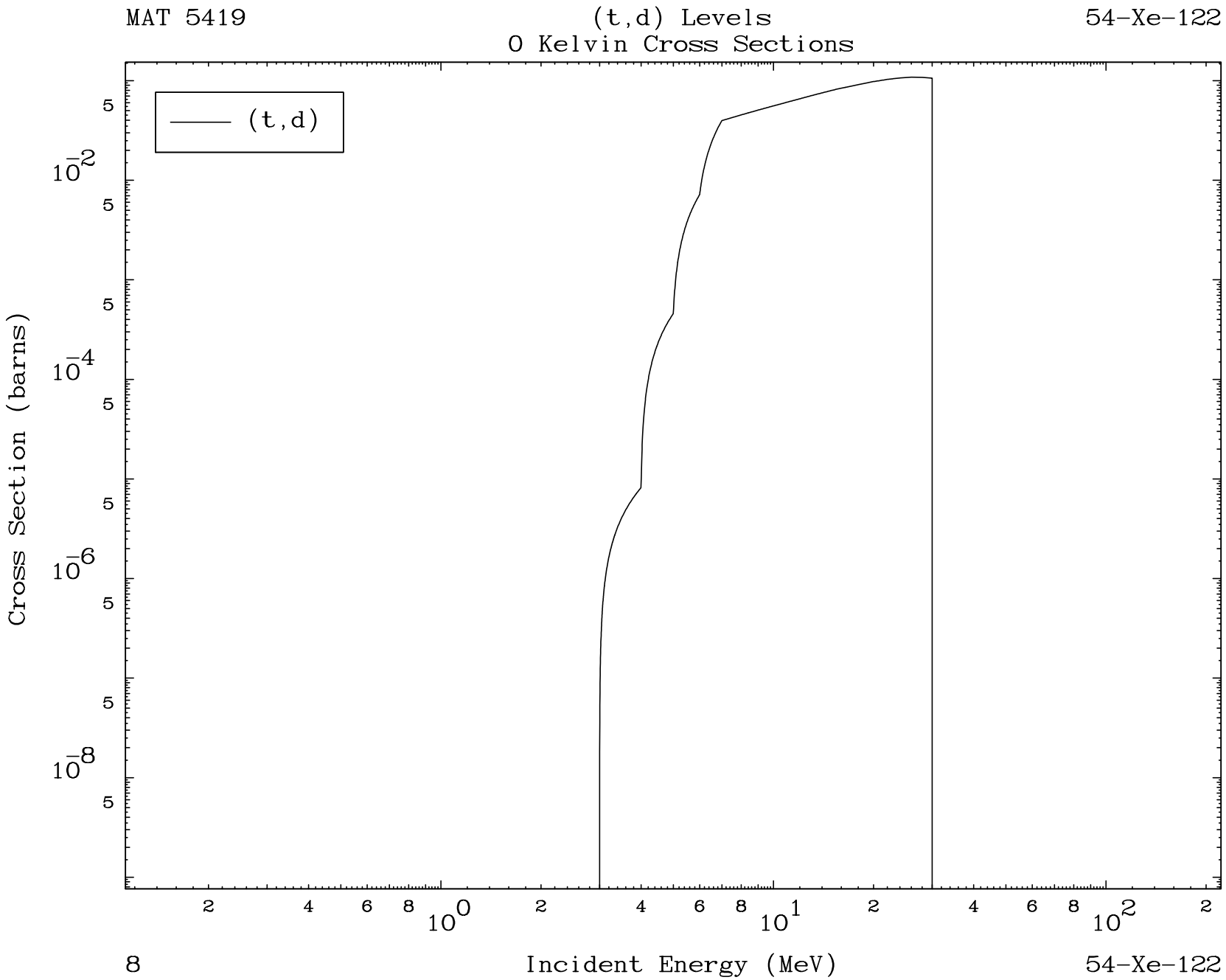

MAT 5419
Triton Neutron Production
0 Kelvin Cross Sections
54-Xe-122
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
54-Xe-122

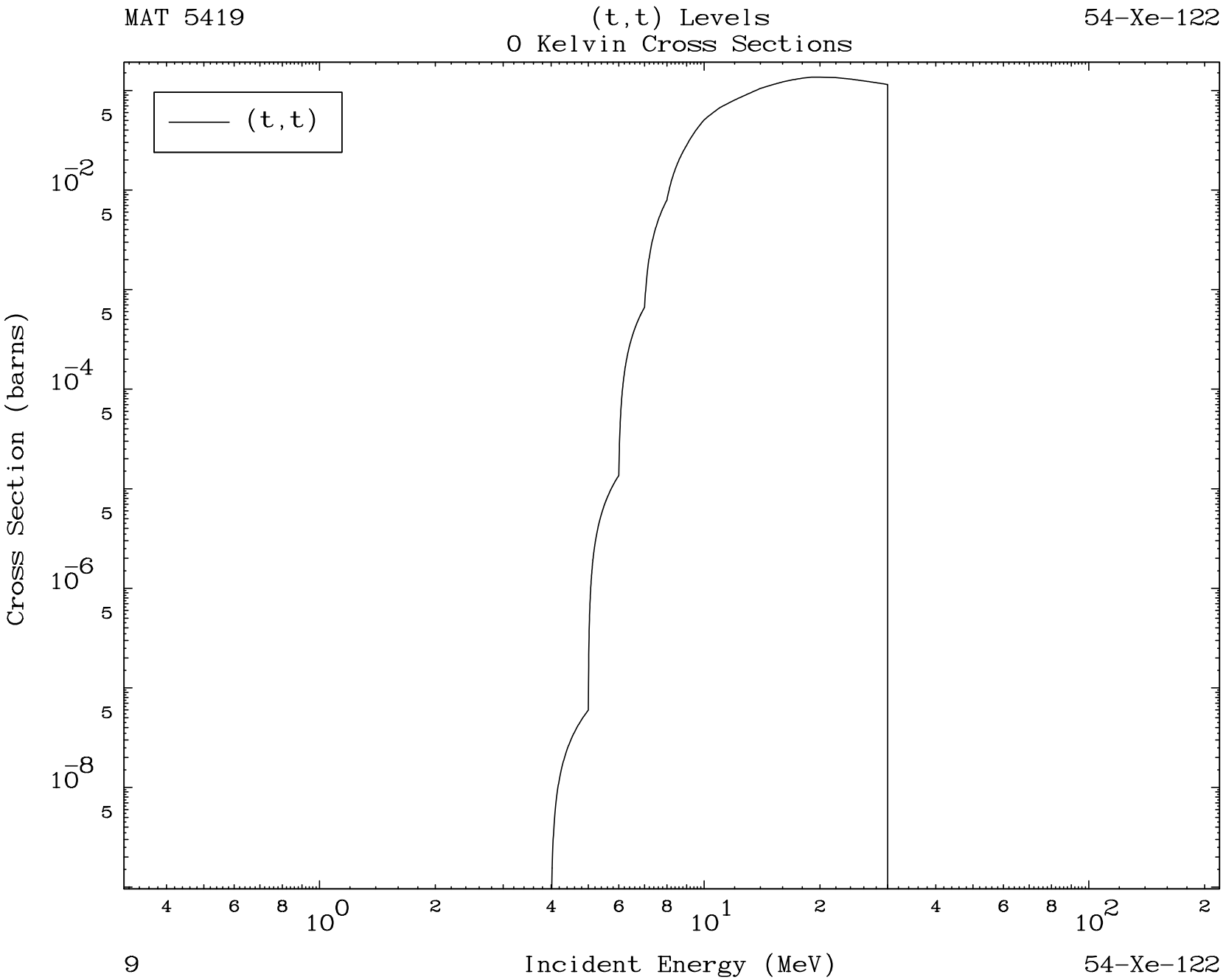

MAT 5419
Triton Charged Particle
0 Kelvin Cross Sections
54-Xe-122
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
54-Xe-122

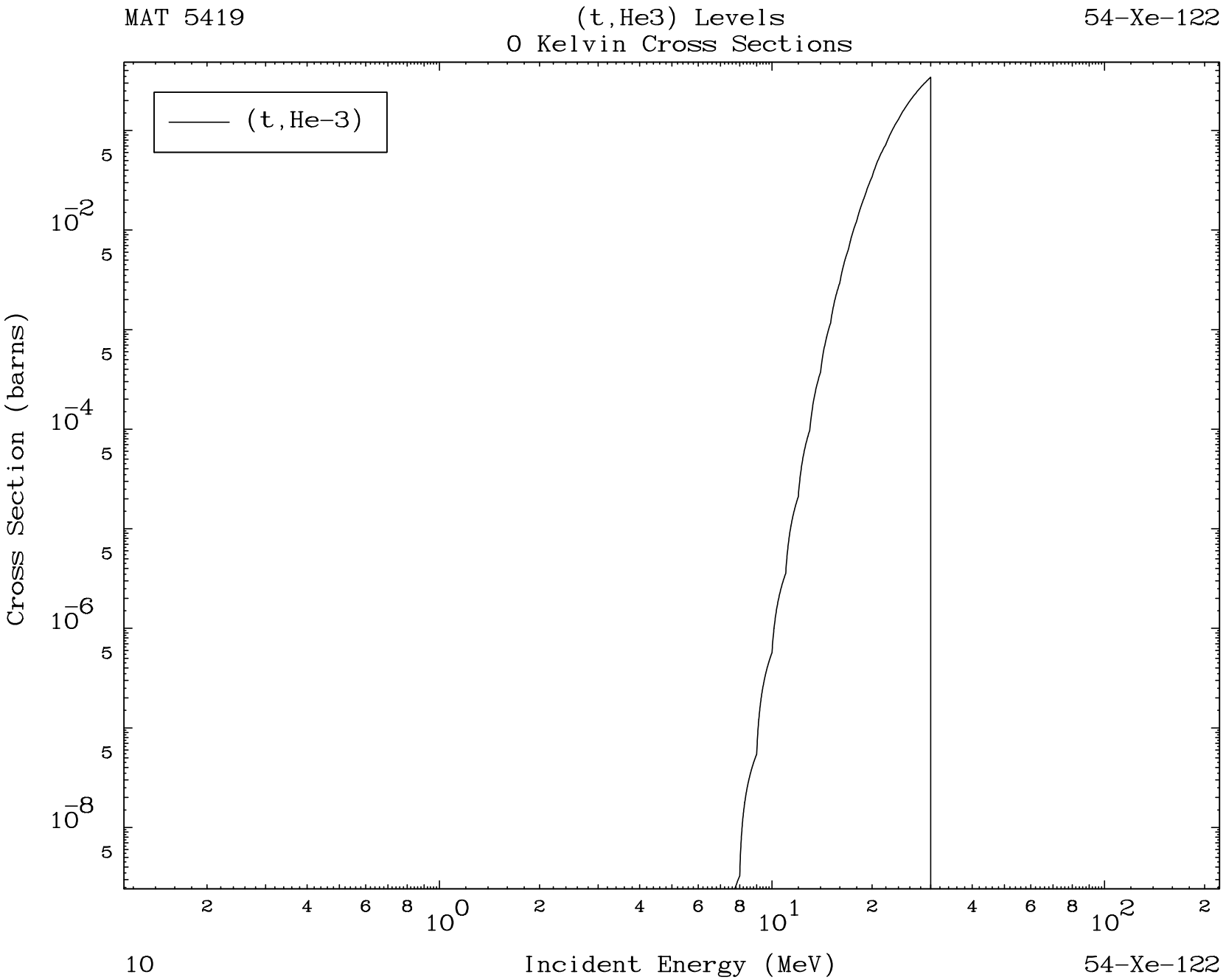

MAT 5419
Triton Charged Particle
0 Kelvin Cross Sections
54-Xe-122
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,p) d
Cross Section (barns)
Incident Energy (MeV)
5
54-Xe-122

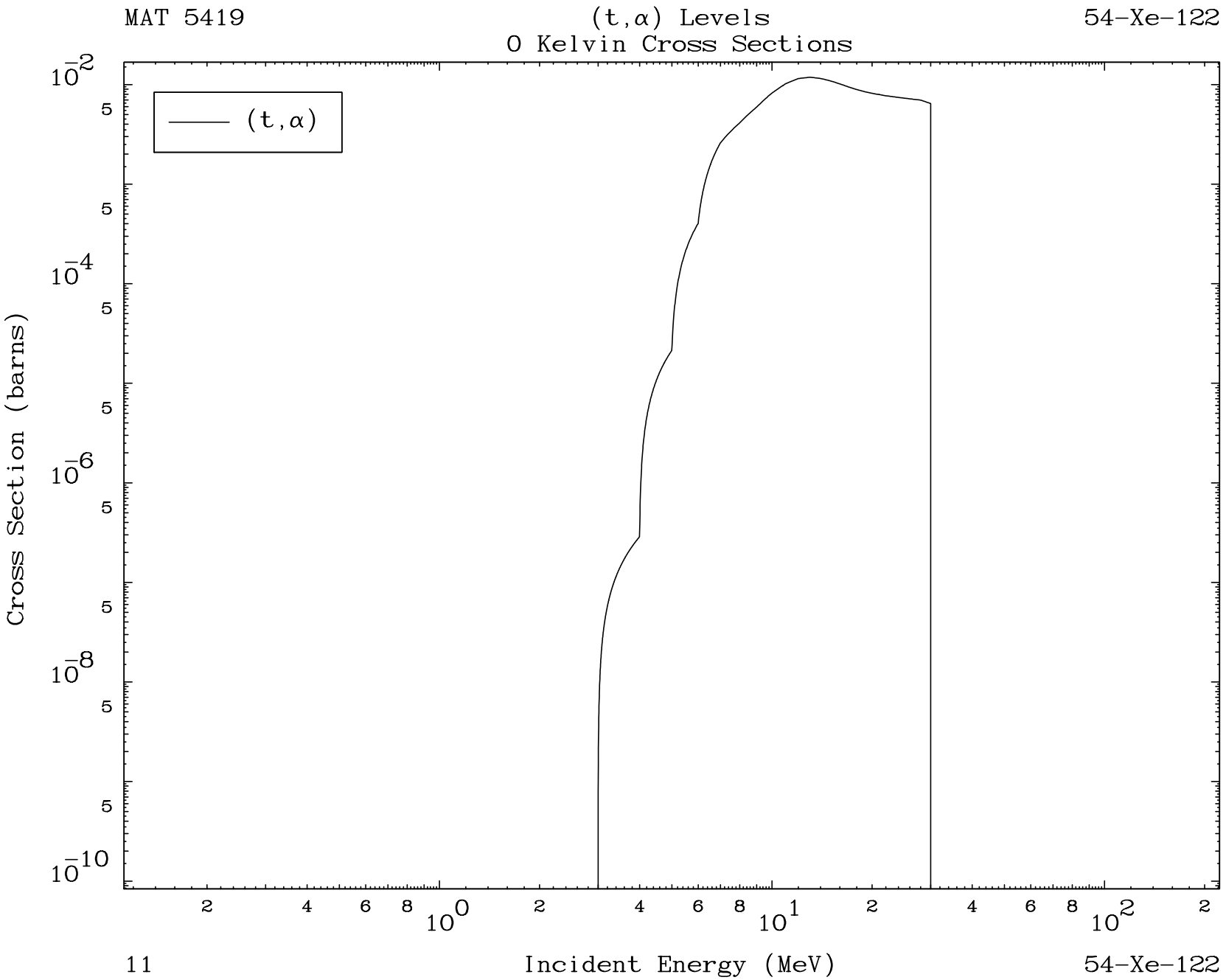

MAT 5419
(t,n') Level
54-Xe-122
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
54-Xe-122

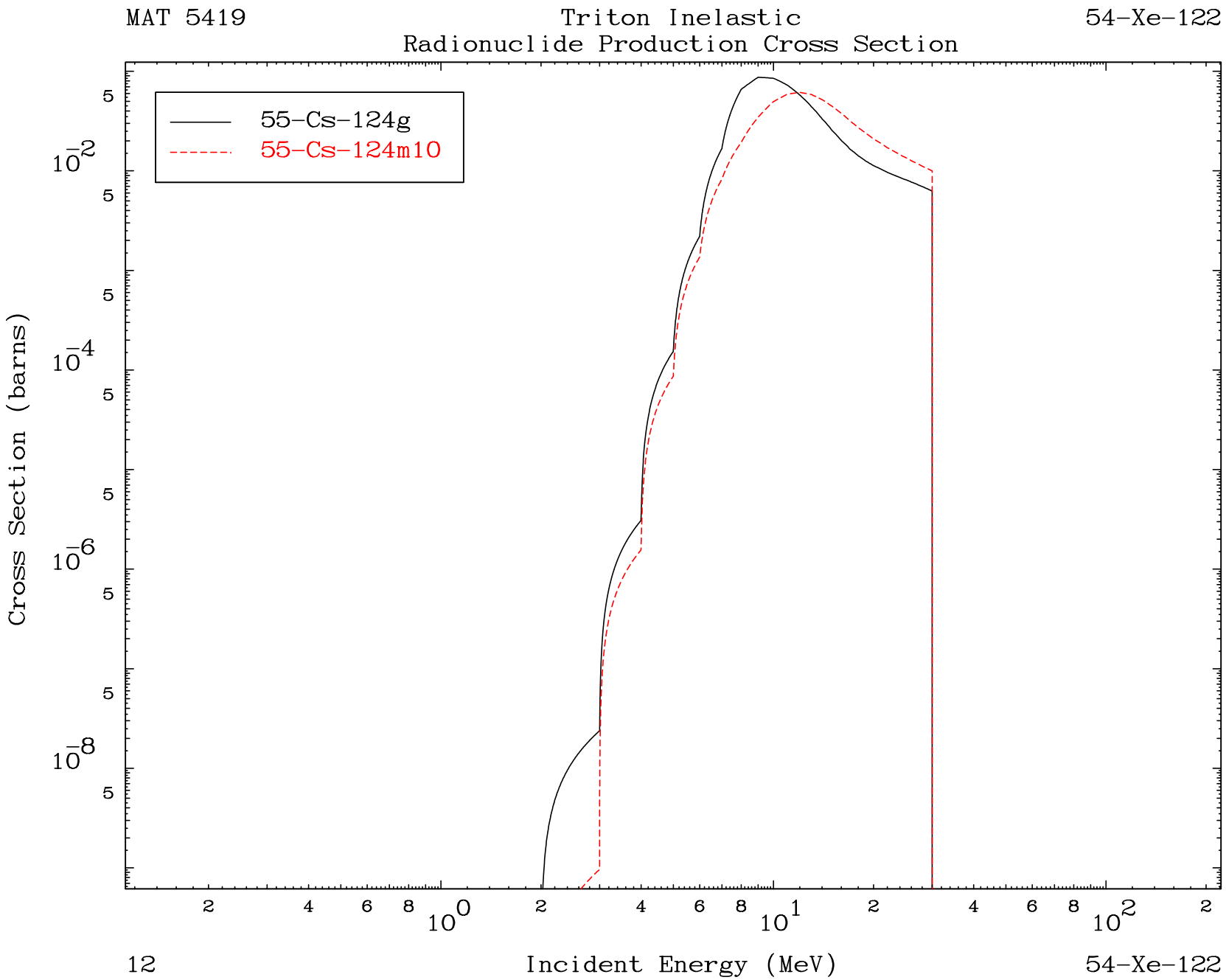

MAT 5419
(t,p) Levels
54-Xe-122
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
54-Xe-122

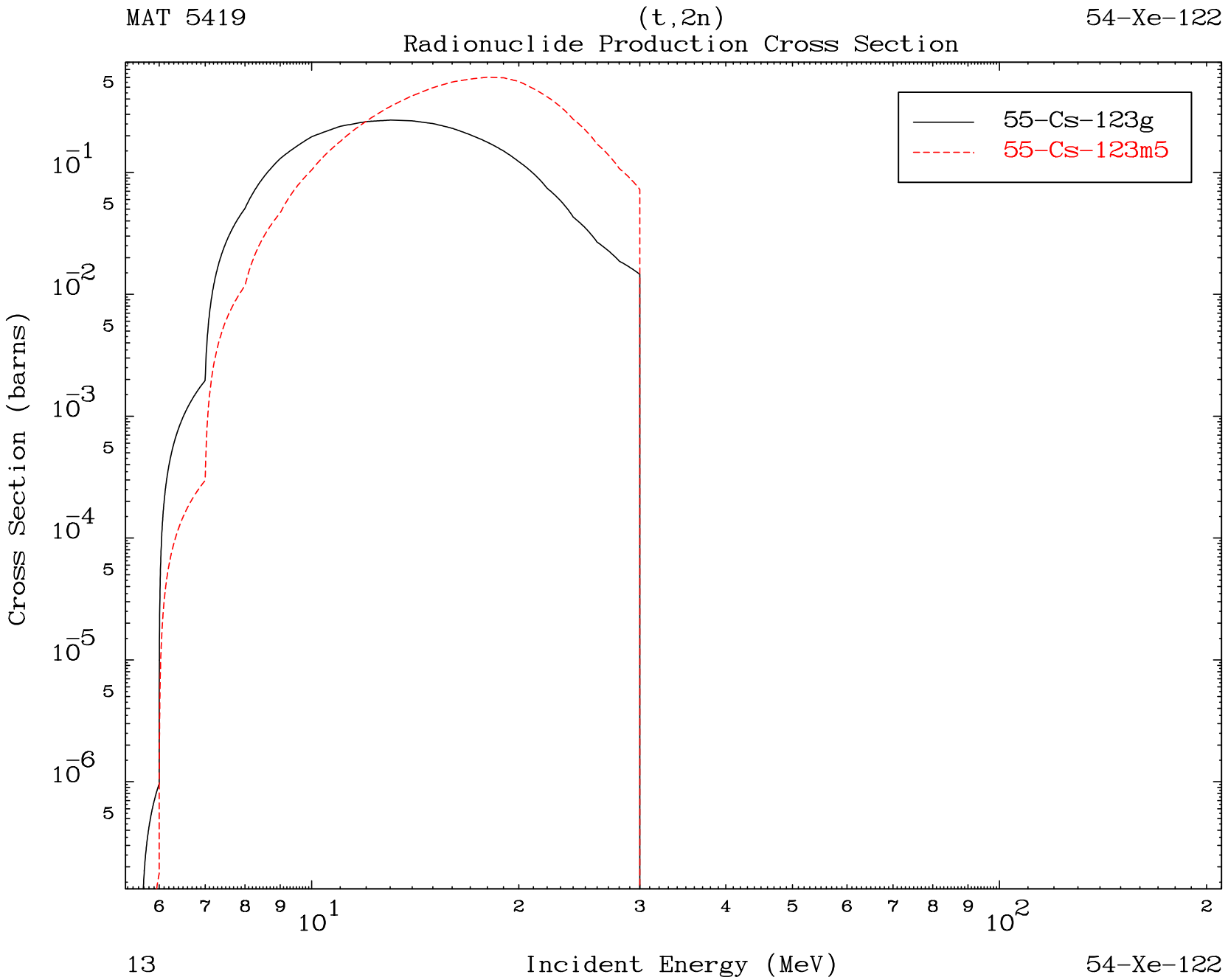

MAT 5419
(t,d) Levels
54-Xe-122
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
54-Xe-122

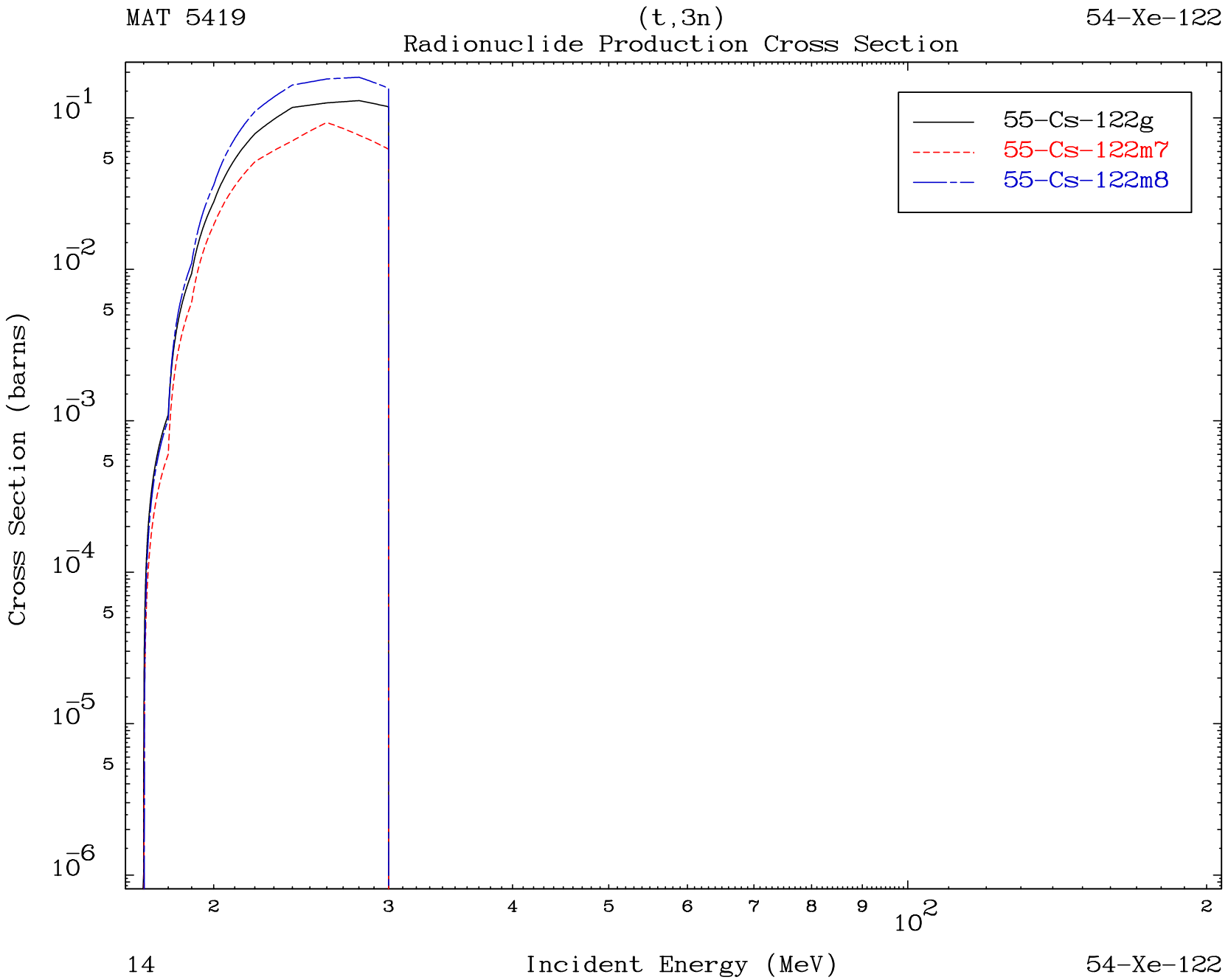

MAT 5419
(t,t) Levels
54-Xe-122
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
54-Xe-122

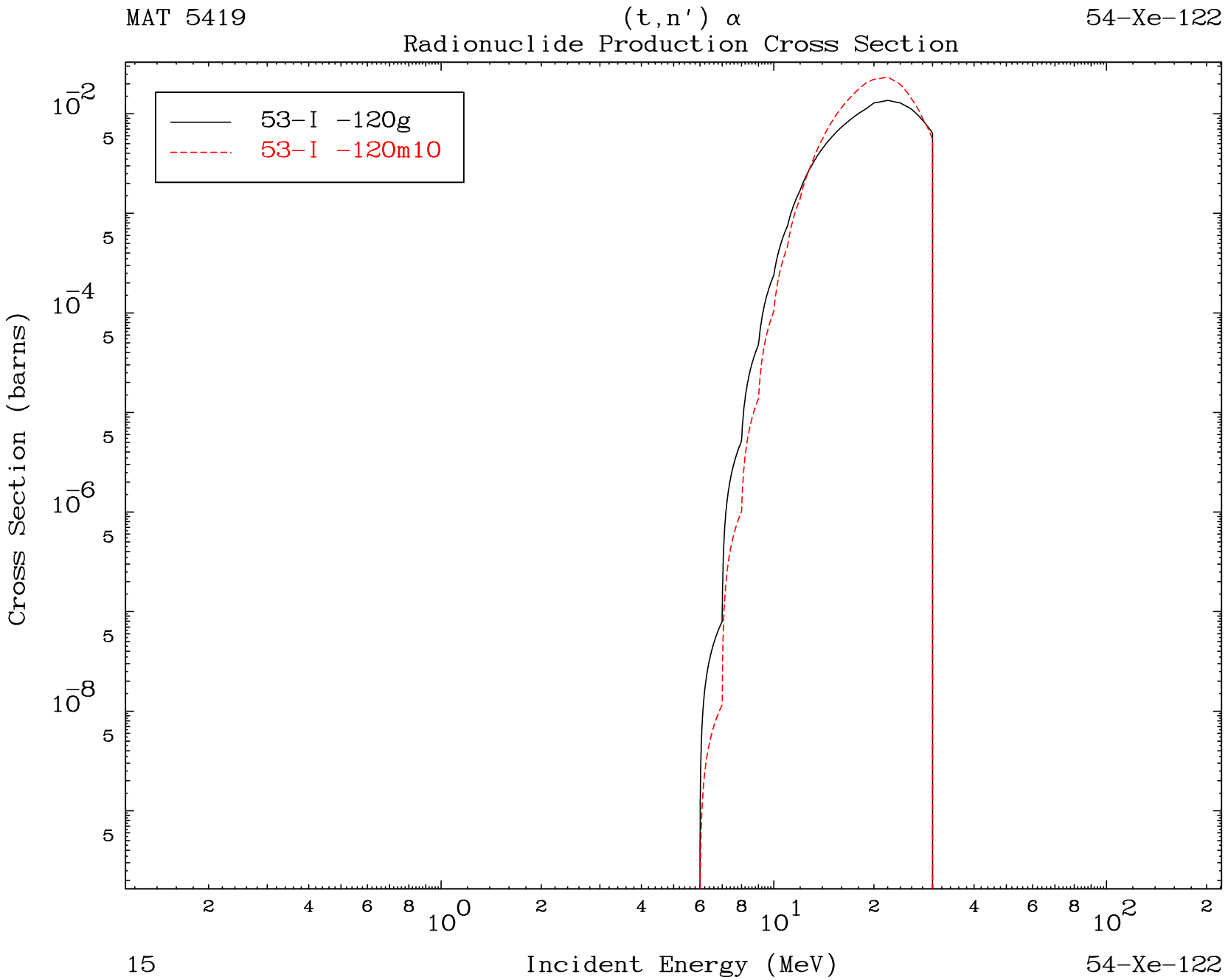

MAT 5419
(t,He3) Levels
54-Xe-122
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
54-Xe-122

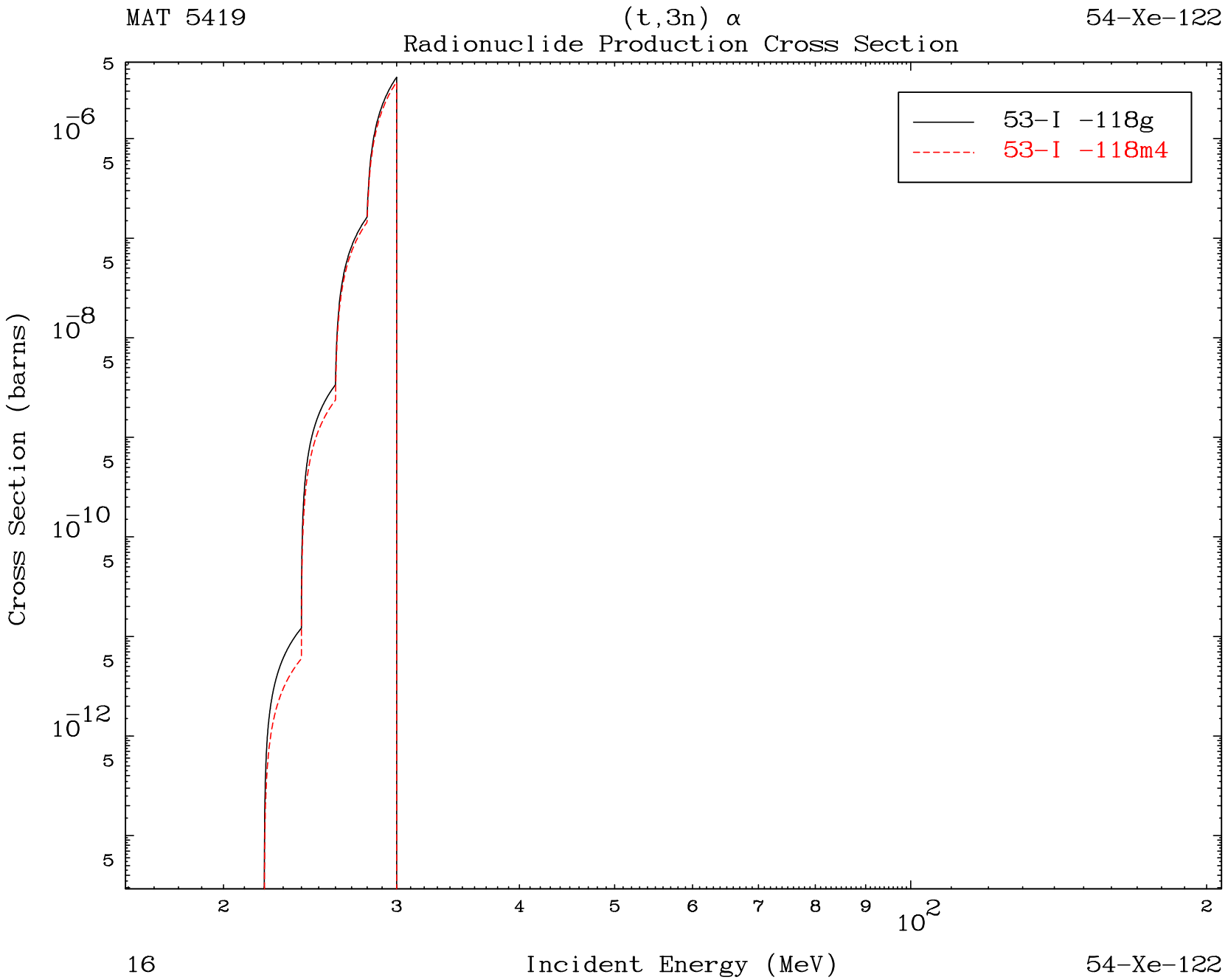

MAT 5419
(t,α) Levels
54-Xe-122
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
54-Xe-122

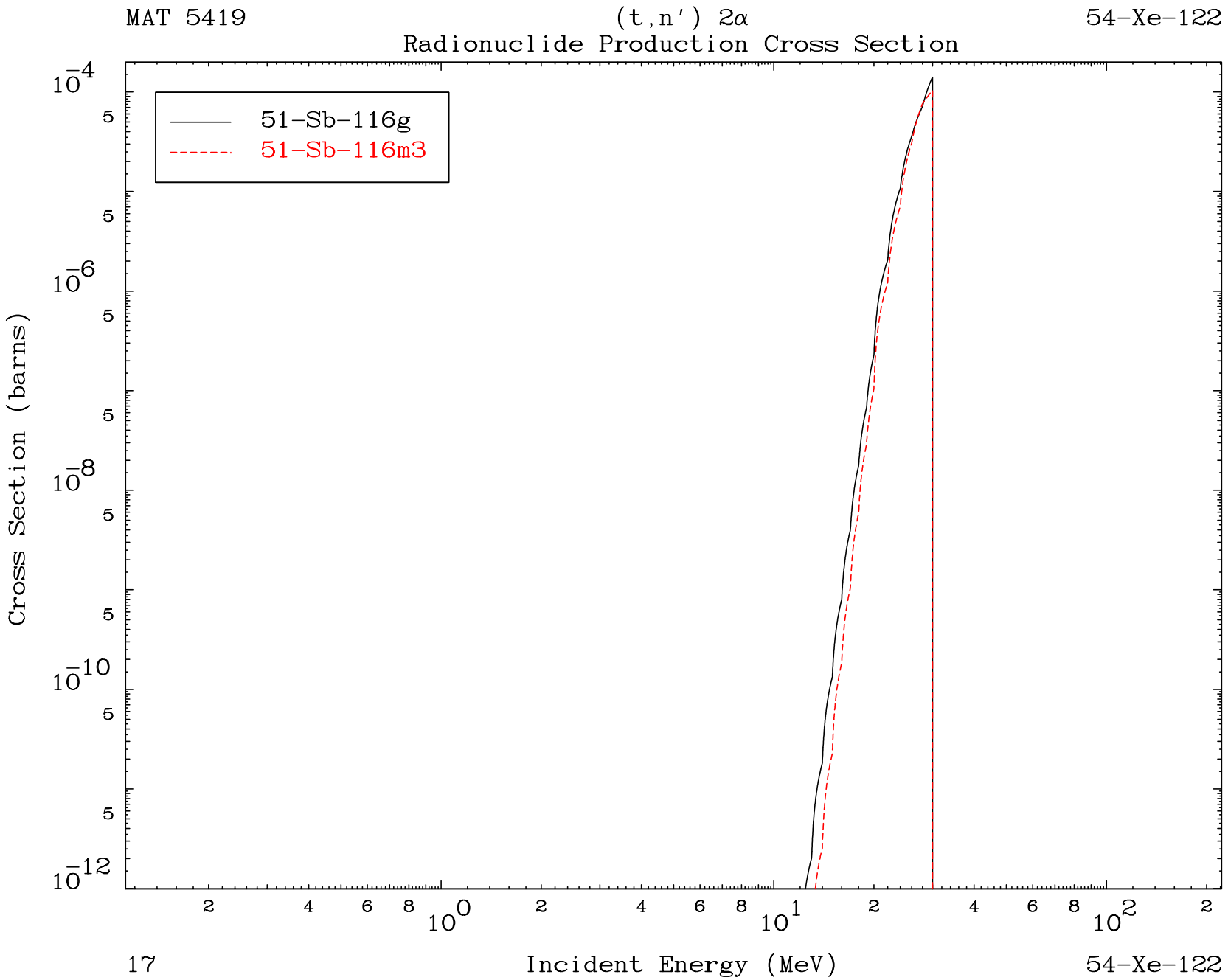

MAT 5419
Triton Inelastic
54-Xe-122
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m10
Cross Section (barns)
Incident Energy (MeV)
12
54-Xe-122

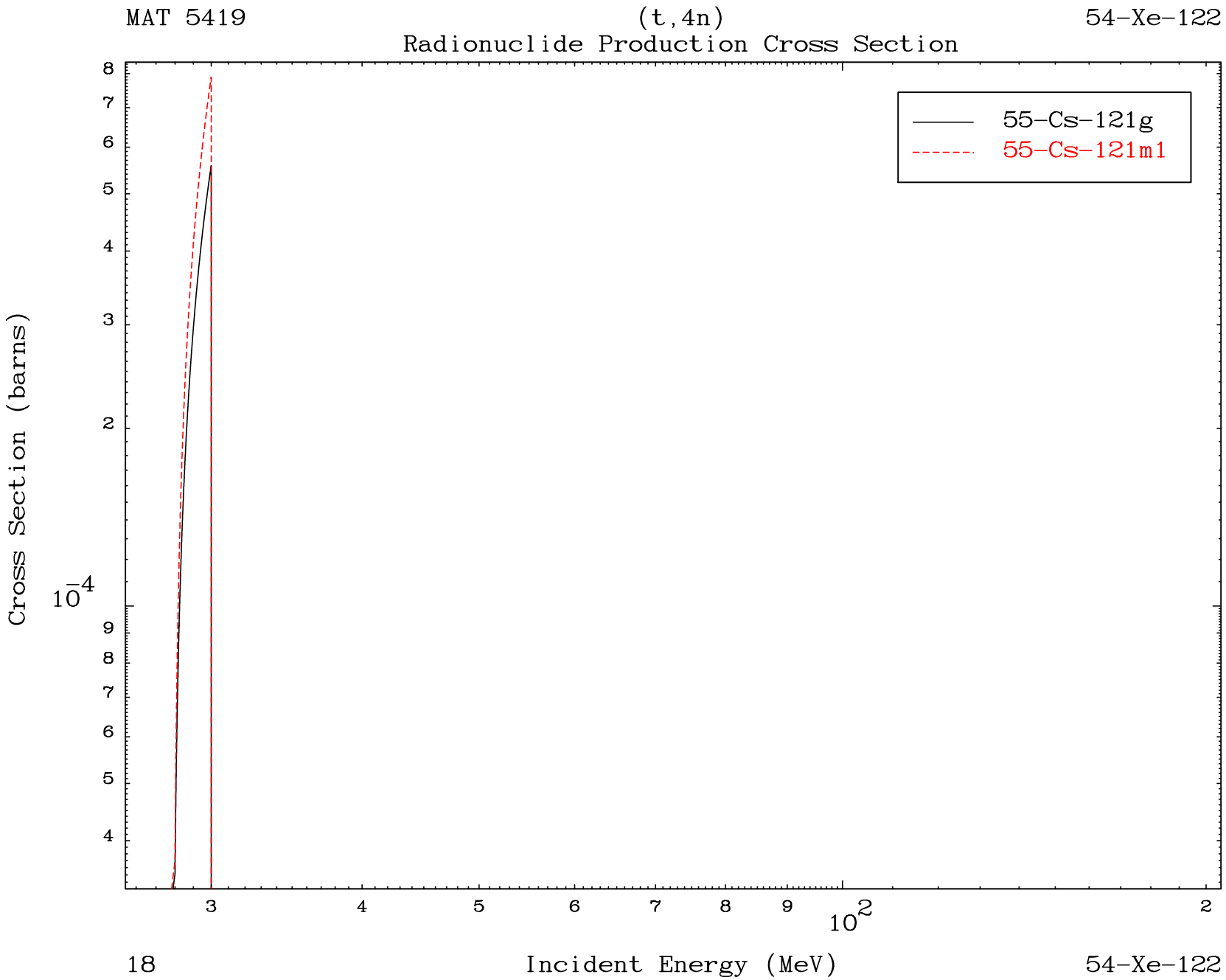

MAT 5419
(t,2n)
54-Xe-122
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
13
54-Xe-122

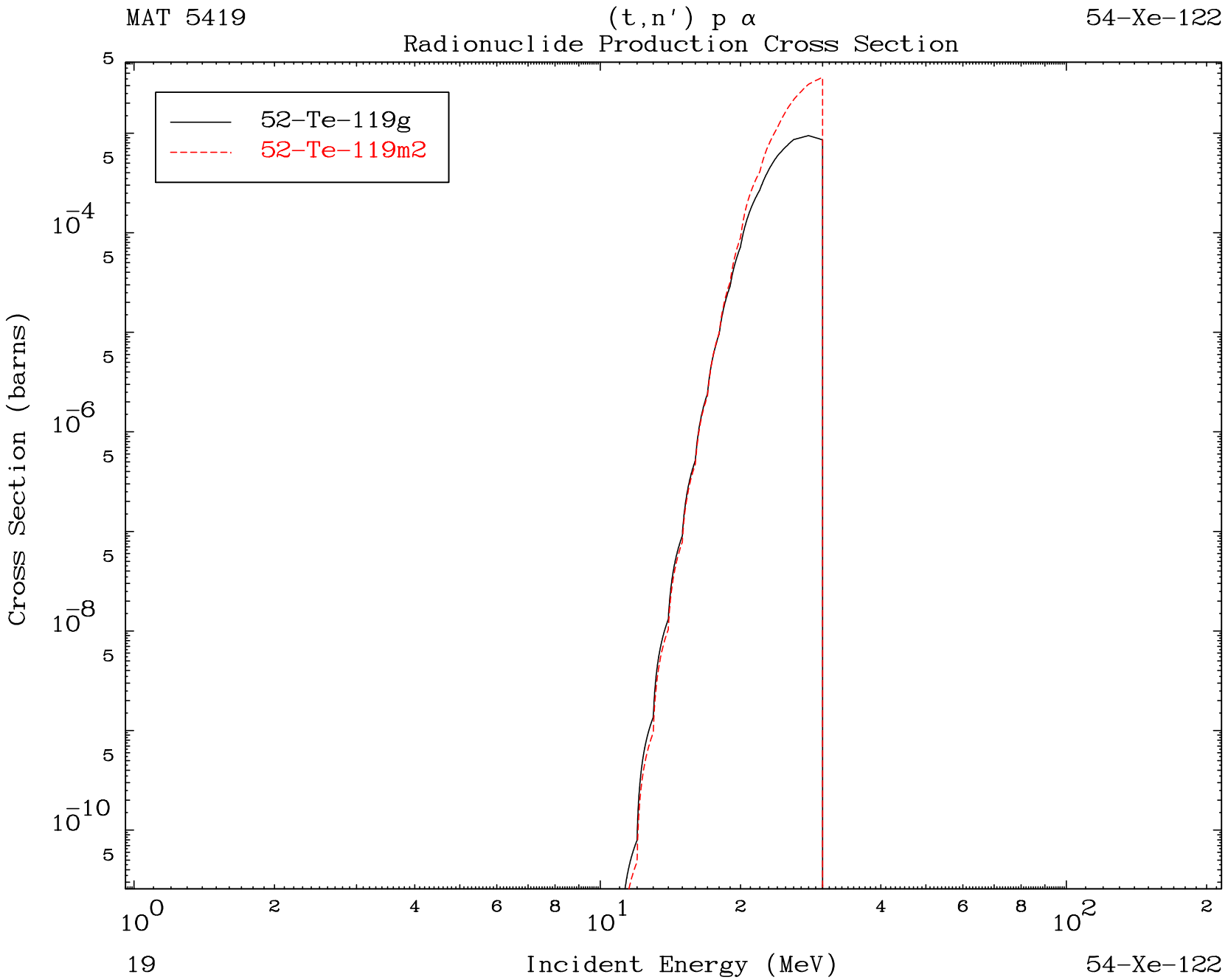

MAT 5419
(t,3n)
54-Xe-122
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
54-Xe-122

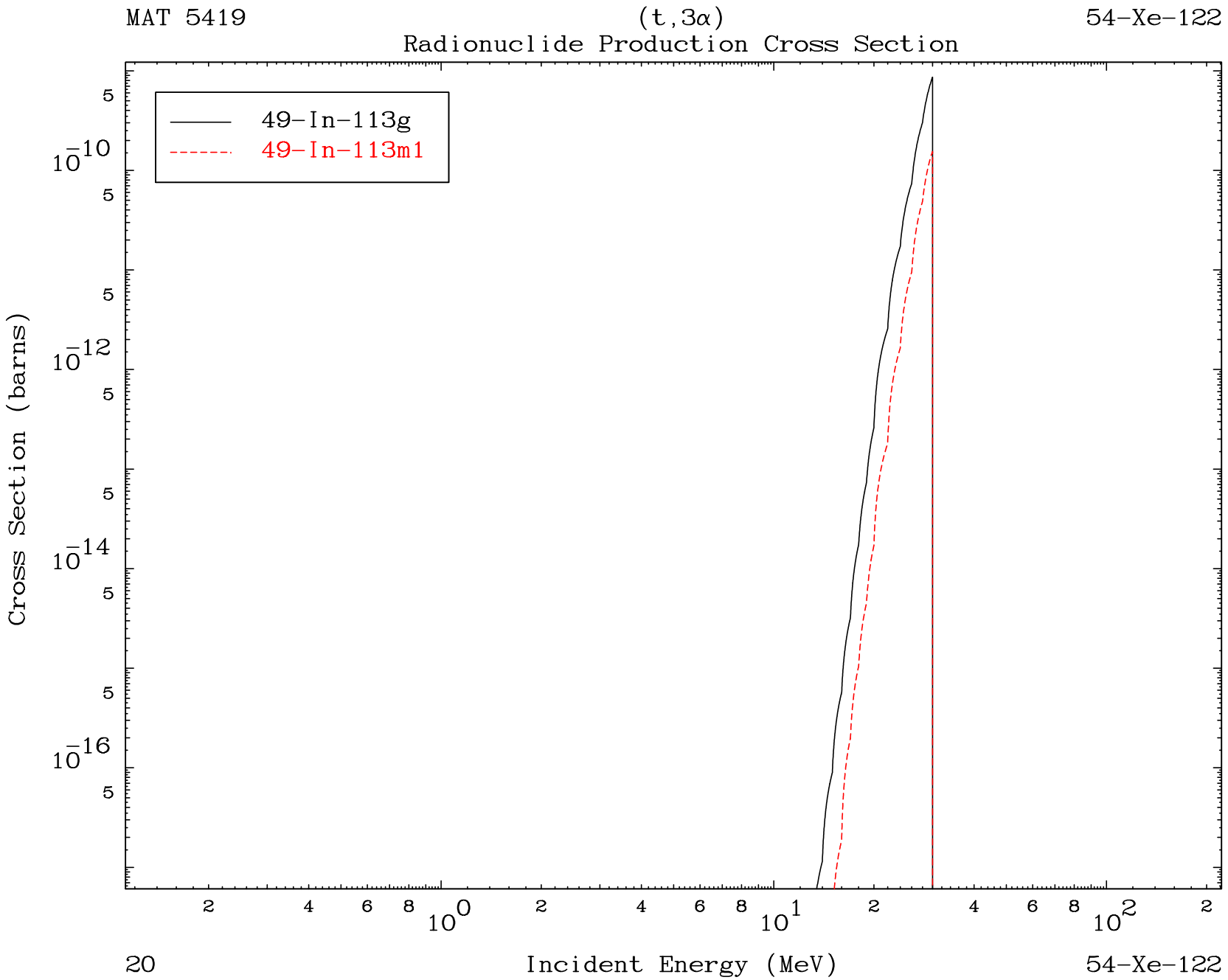

MAT 5419
(t,n') α
54-Xe-122
Radionuclide Production Cross Section
53-I -120g
53-I -120m10
Cross Section (barns)
Incident Energy (MeV)
15
54-Xe-122

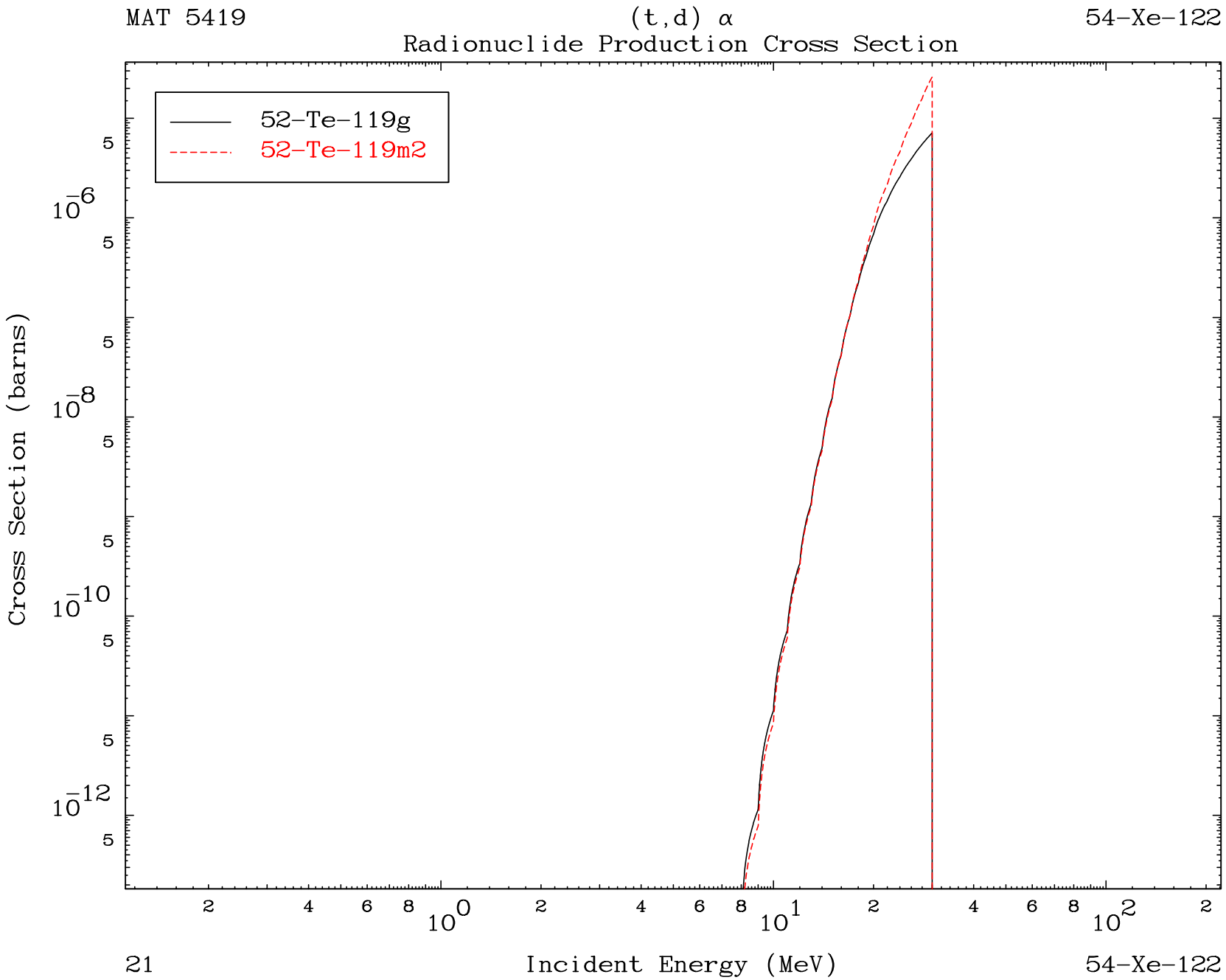

MAT 5419
(t,3n) α
54-Xe-122
Radionuclide Production Cross Section
53-I -118g
53-I -118m4
Cross Section (barns)
Incident Energy (MeV)
16
54-Xe-122


MAT 5419
(t,n') 2α
54-Xe-122
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
Incident Energy (MeV)
17
54-Xe-122


MAT 5419
(t,4n)
54-Xe-122
Radionuclide Production Cross Section
55-Cs-121g
55-Cs-121m1
Cross Section (barns)
10^-4
8
7
6
5
4
3
2
9
8
7
6
5
4
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
54-Xe-122


MAT 5419
(t,n') p α
54-Xe-122
Radionuclide Production Cross Section
52-Te-119g
52-Te-119m2
Cross Section (barns)
Incident Energy (MeV)
19
54-Xe-122


MAT 5419
(t,3α)
54-Xe-122
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
10-10
10-12
10-14
10-16
100
101
102
Incident Energy (MeV)
20
54-Xe-122


MAT 5419
(t,d) α
54-Xe-122
Radionuclide Production Cross Section
52-Te-119g
52-Te-119m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
21
54-Xe-122