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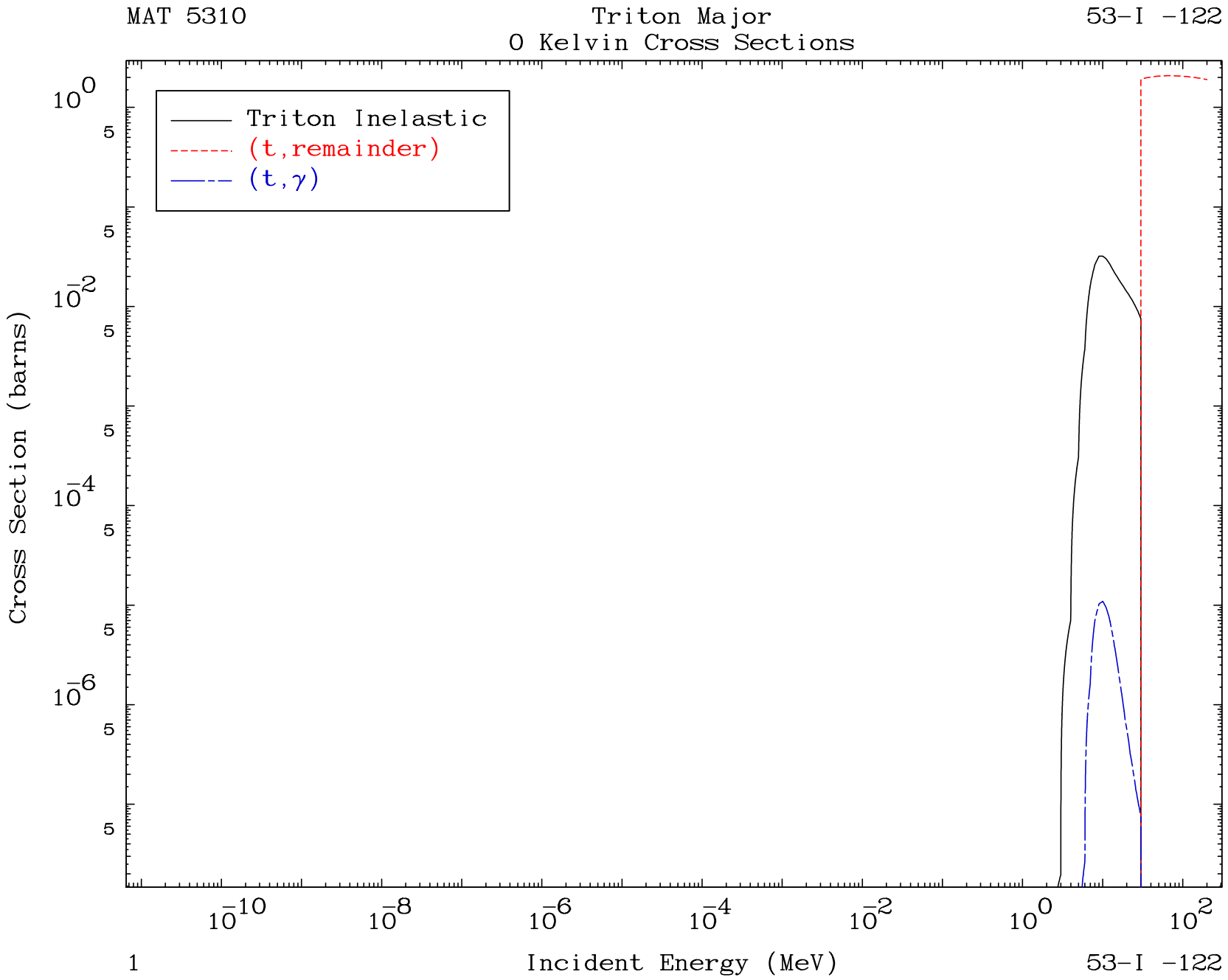
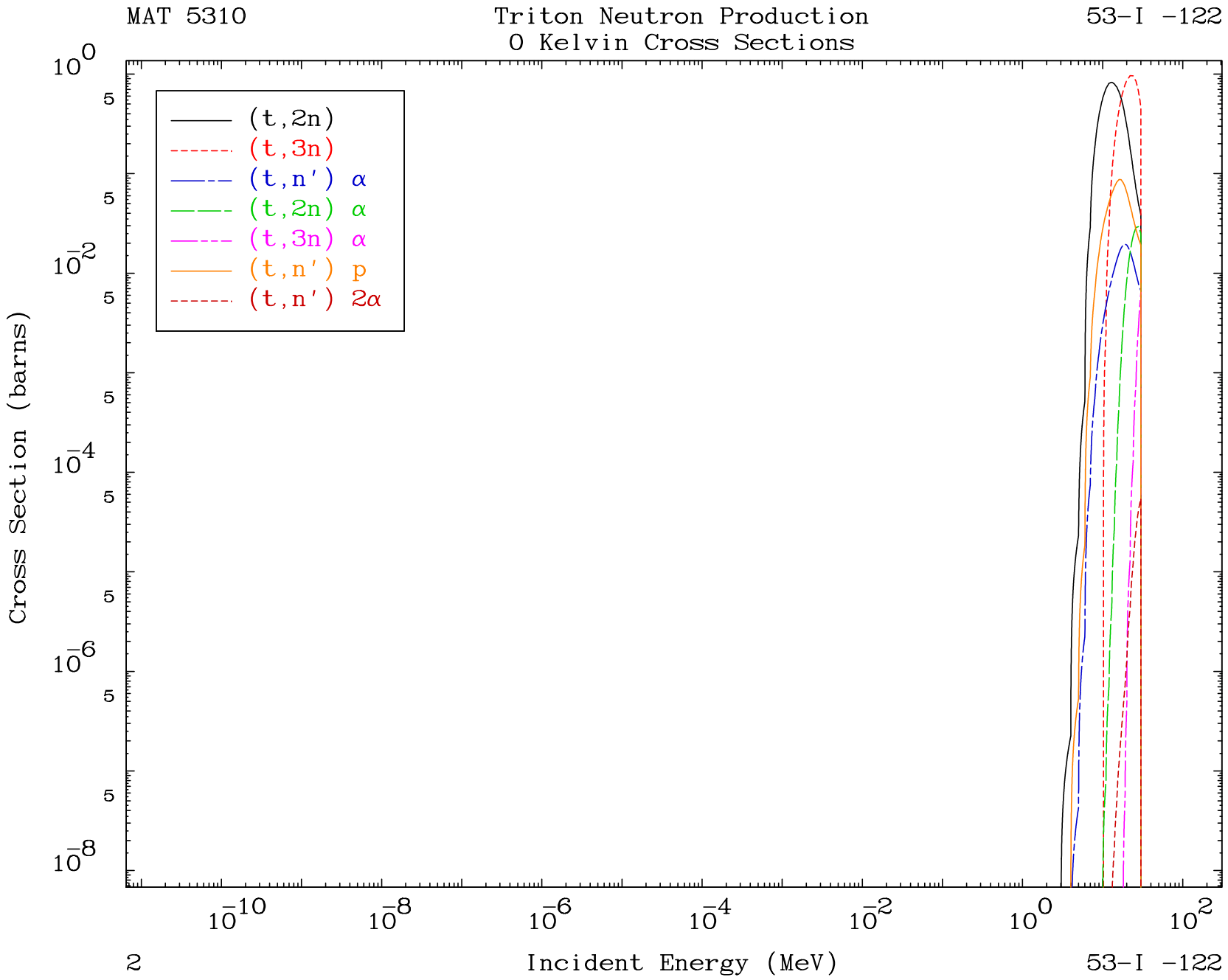
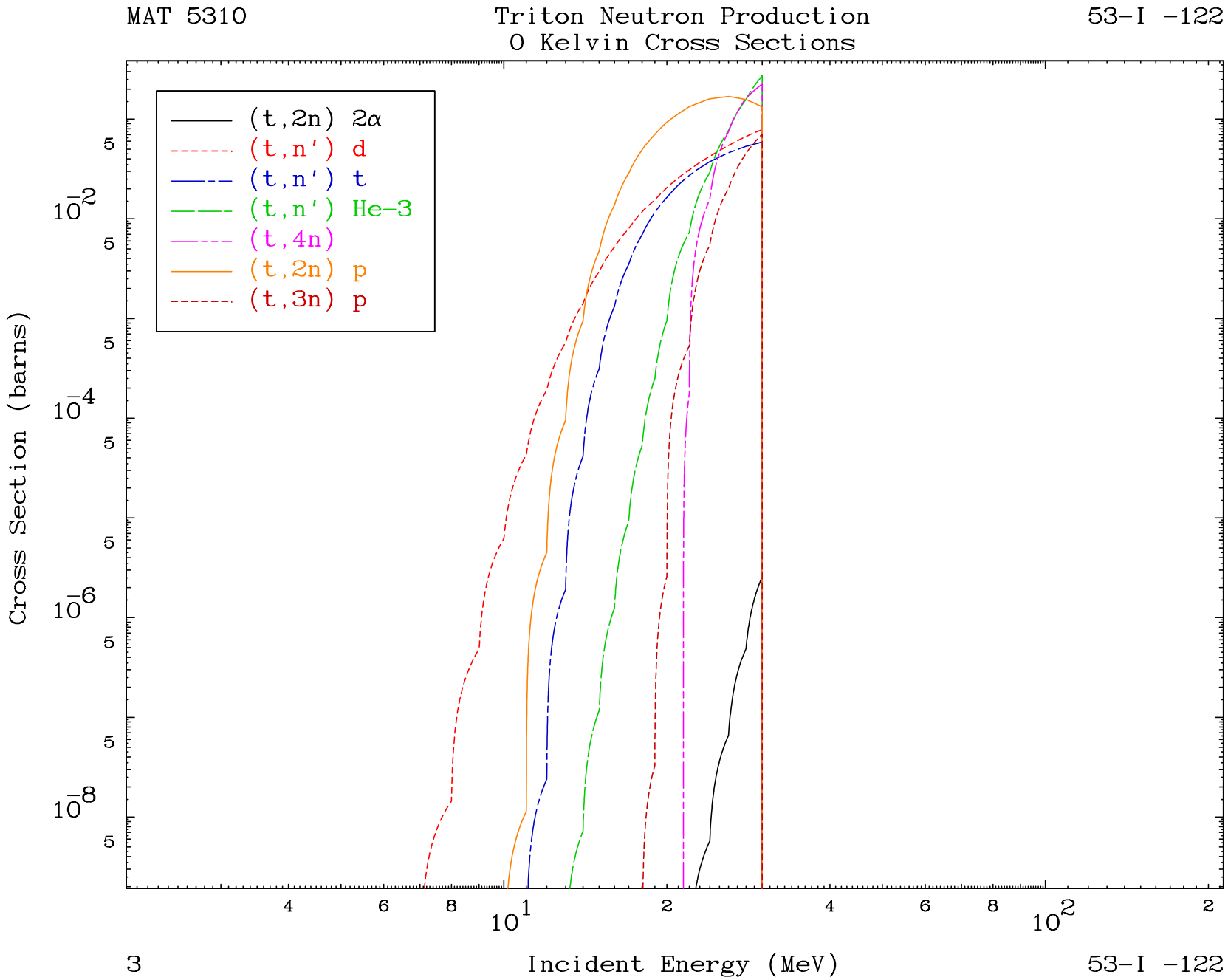
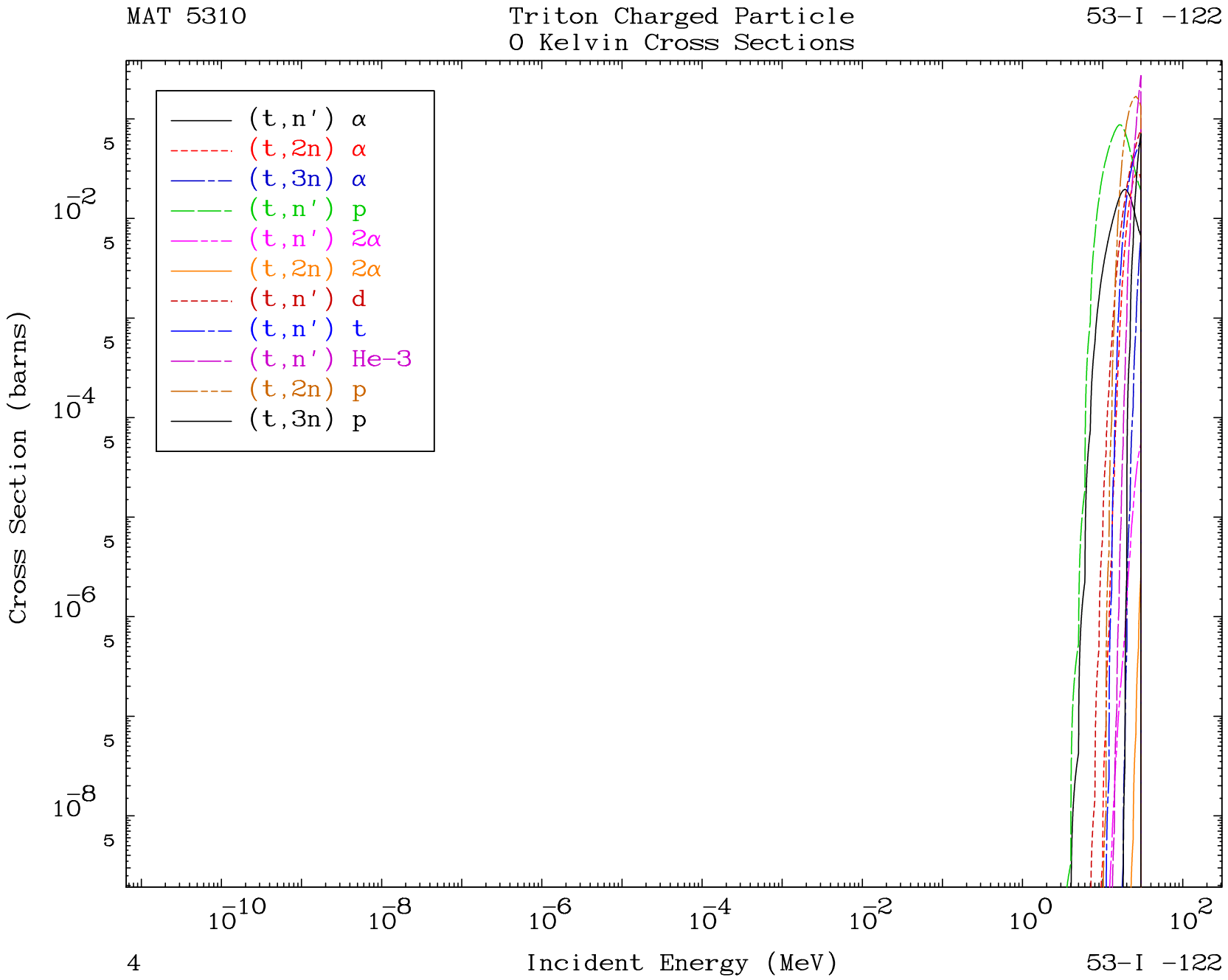
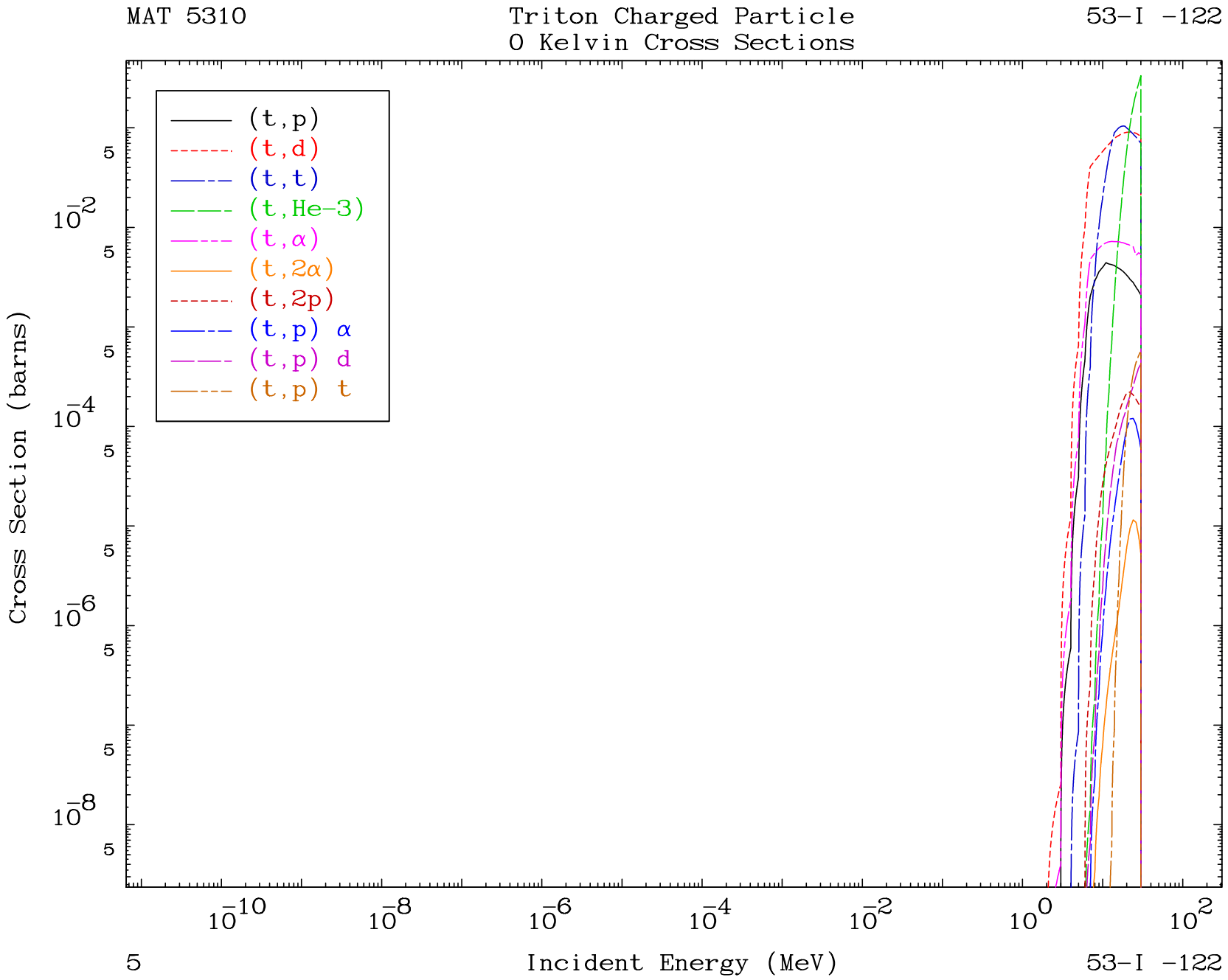
Press Mouse Button to Start

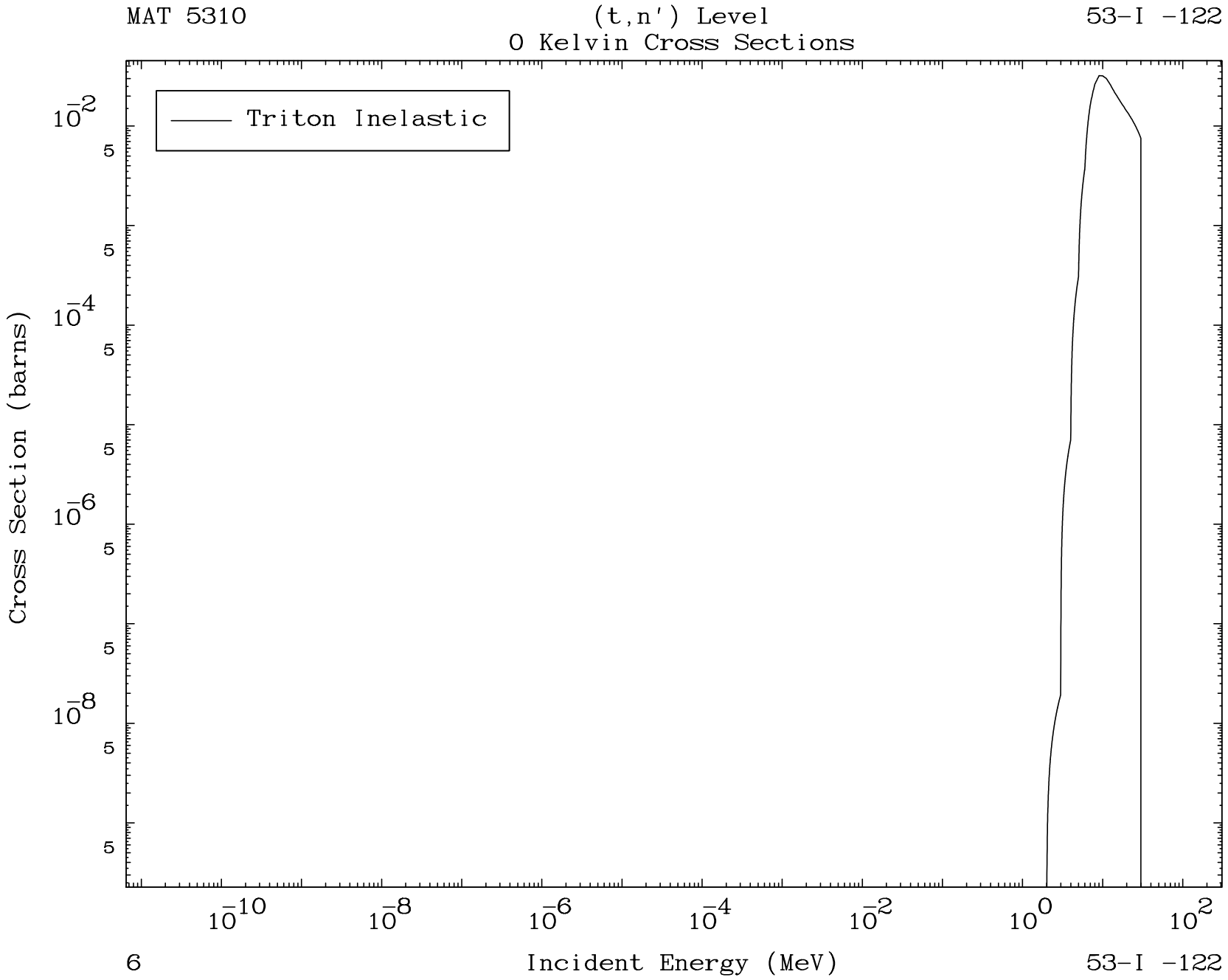

MAT 5310
Triton Major
53-I -122
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
53-I -122


MAT 5310
Triton Neutron Production
0 Kelvin Cross Sections
53-I -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)
2
53-I -122

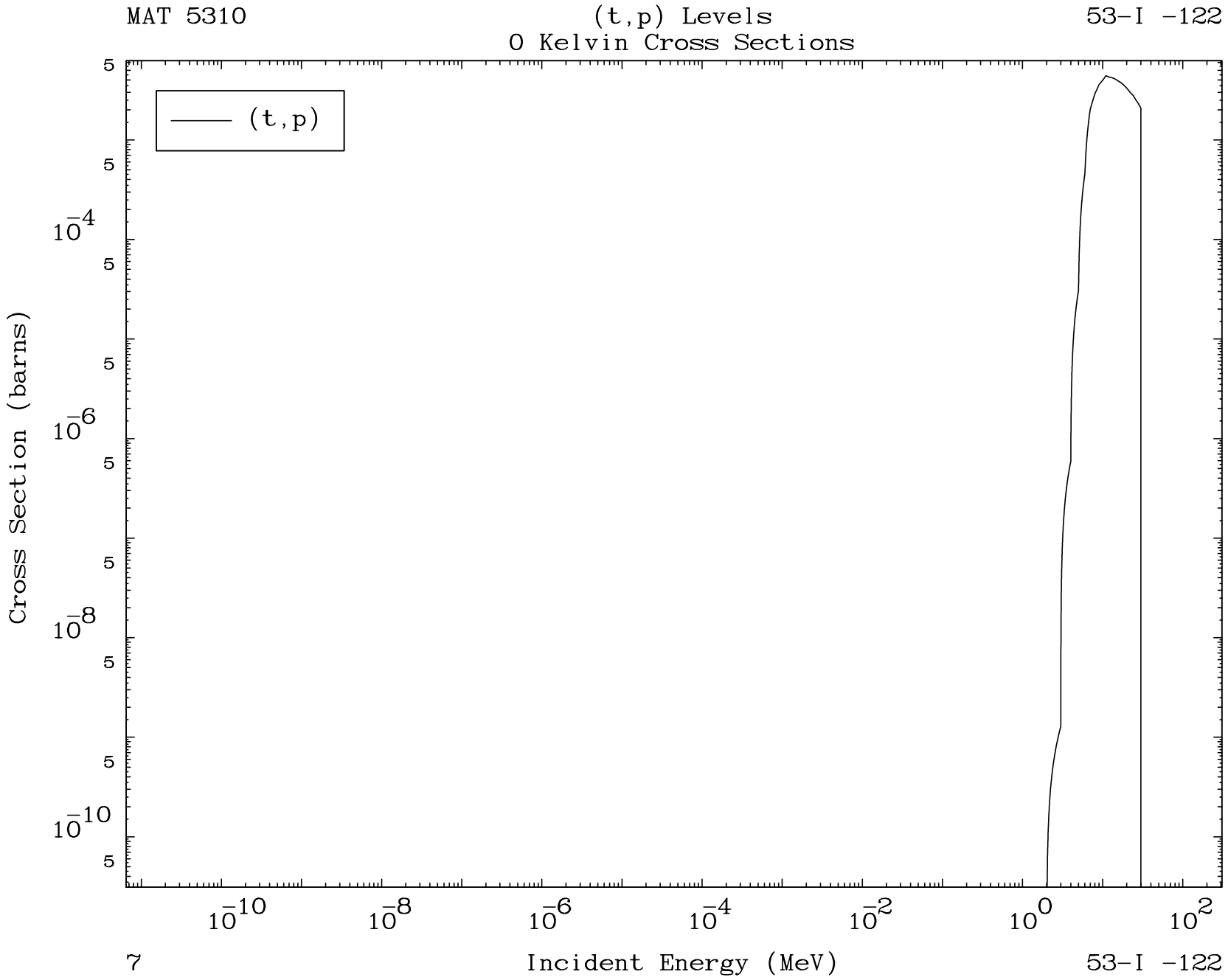

MAT 5310
Triton Neutron Production
0 Kelvin Cross Sections
53-I -122
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
3
53-I -122


MAT 5310
Triton Charged Particle
0 Kelvin Cross Sections
53-I -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
53-I -122

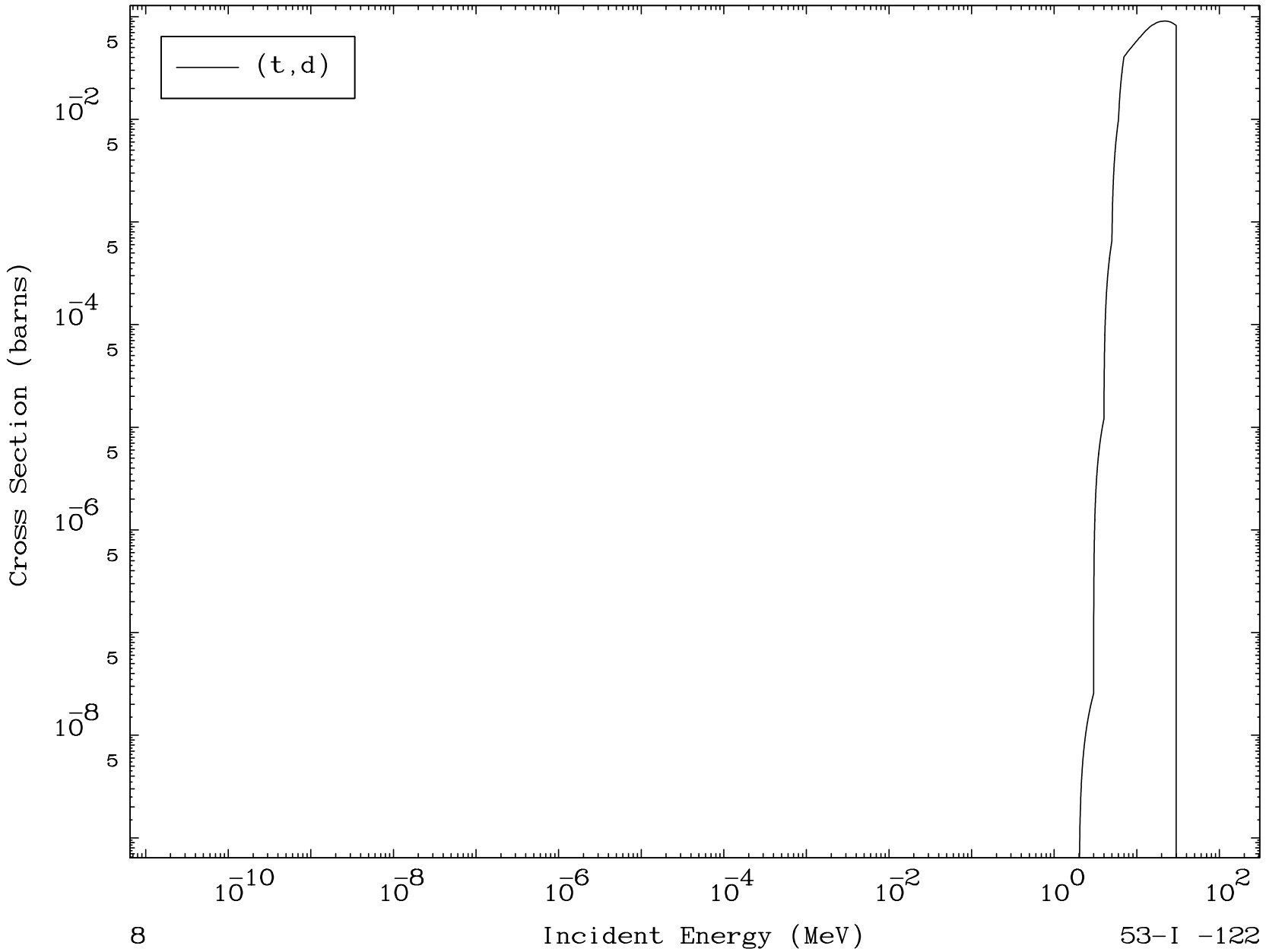

MAT 5310
Triton Charged Particle
0 Kelvin Cross Sections
53-I -122
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
5
53-I -122


MAT 5310
(t,n') Level
53-I -122
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
5
10-10
10-8
10-6
10-4
10-2
100
102
Incident Energy (MeV)

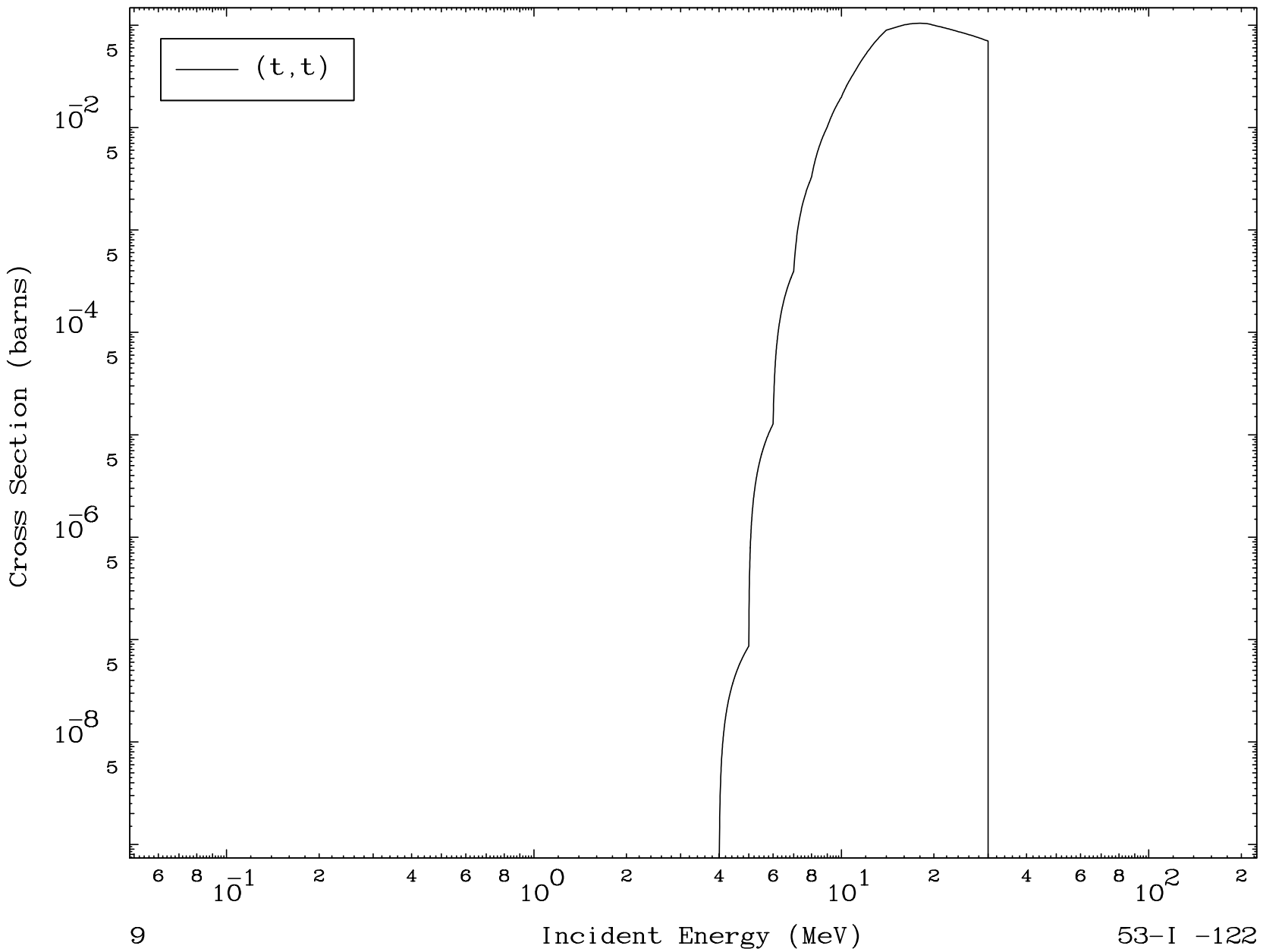
53-I -122

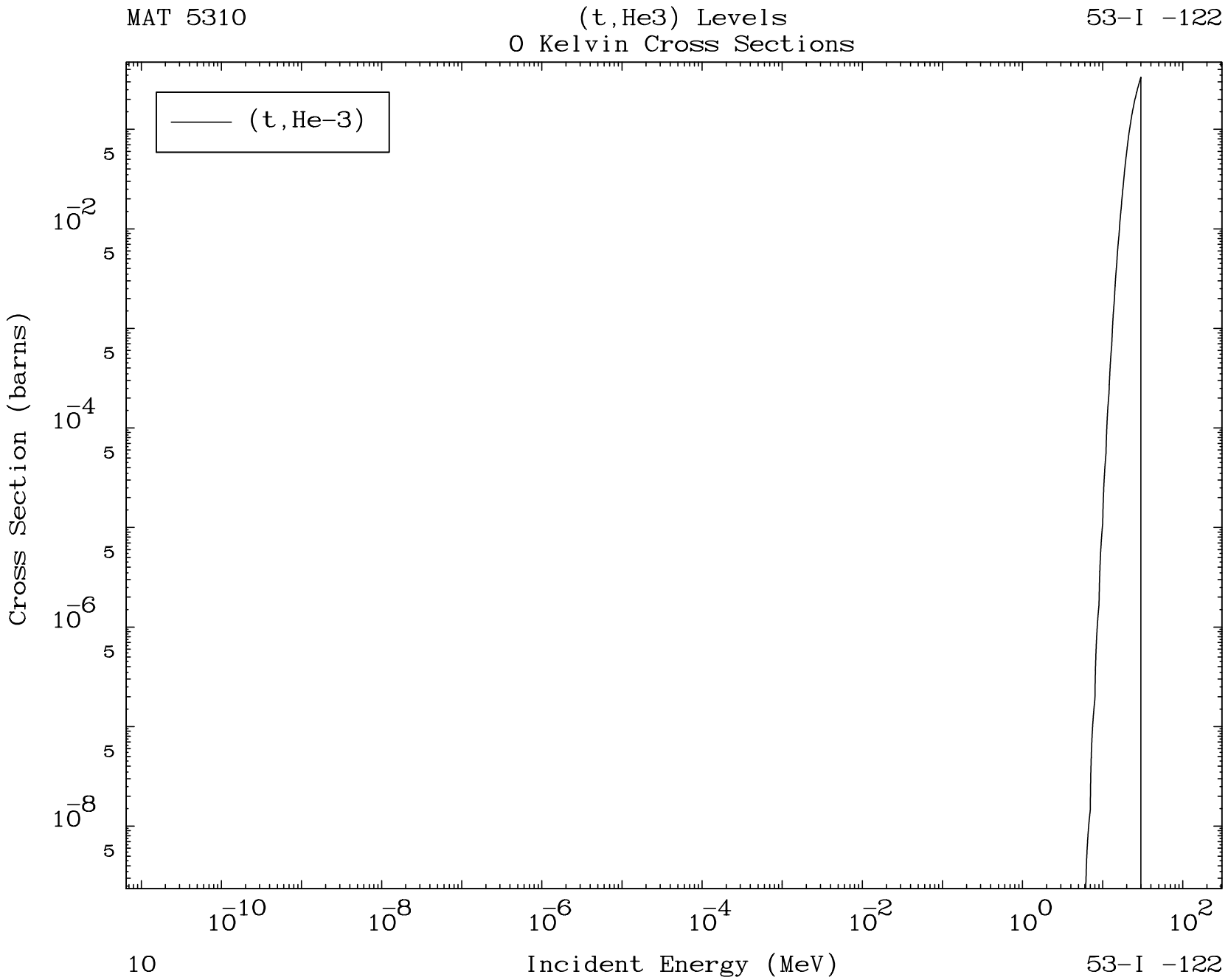

MAT 5310
(t,p) Levels
53-I -122
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
53-I -122

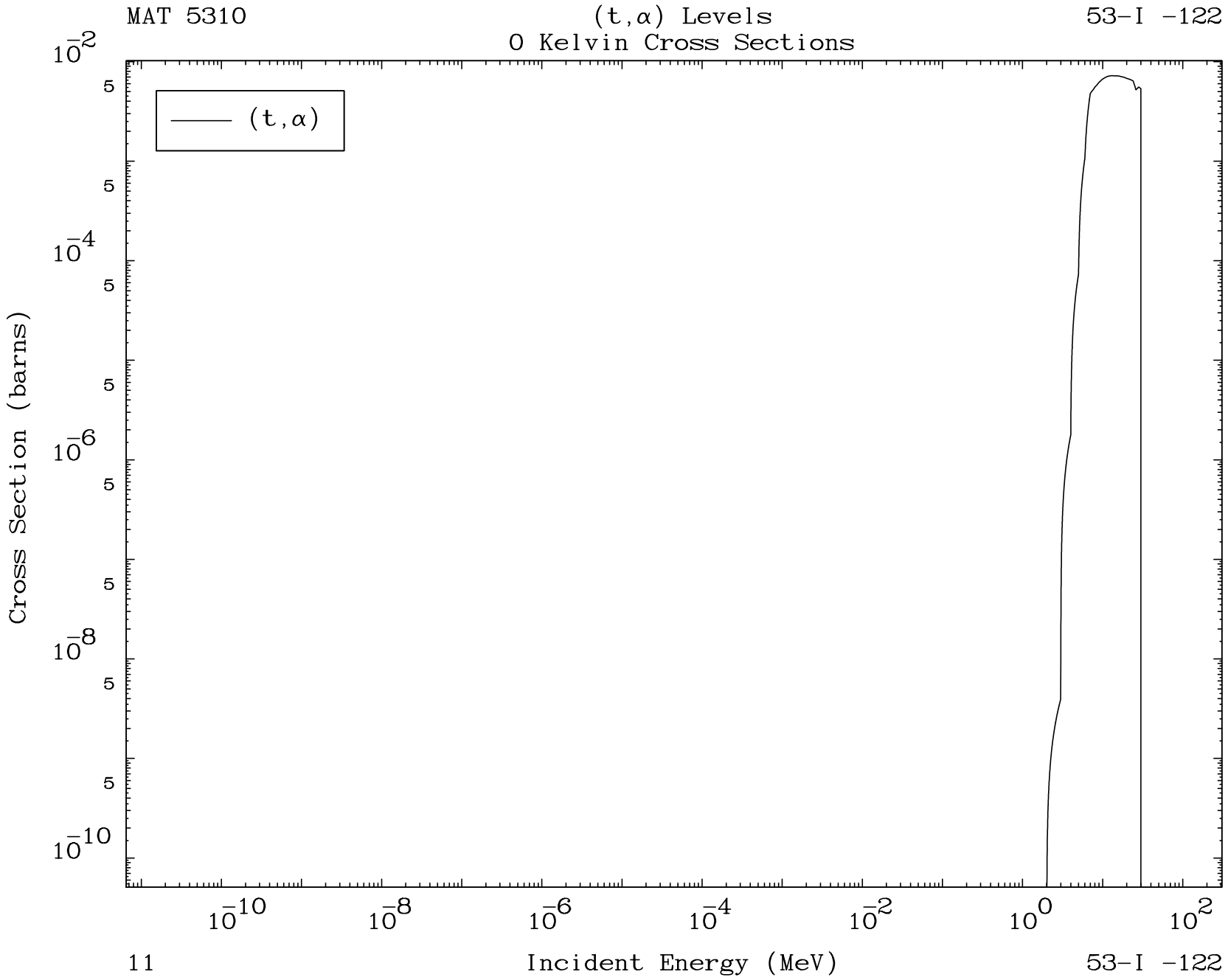
0 Kelvin Cross Sections

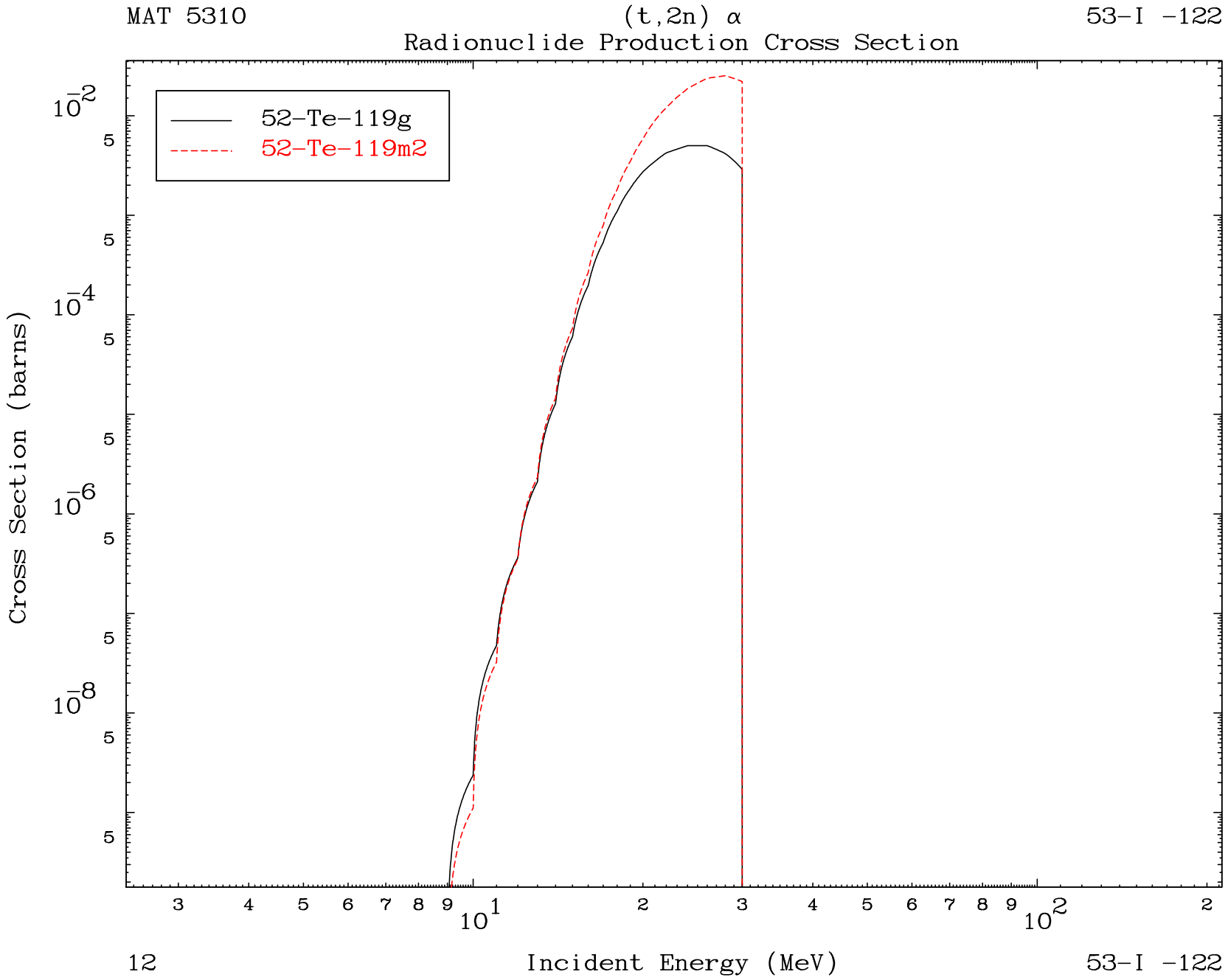


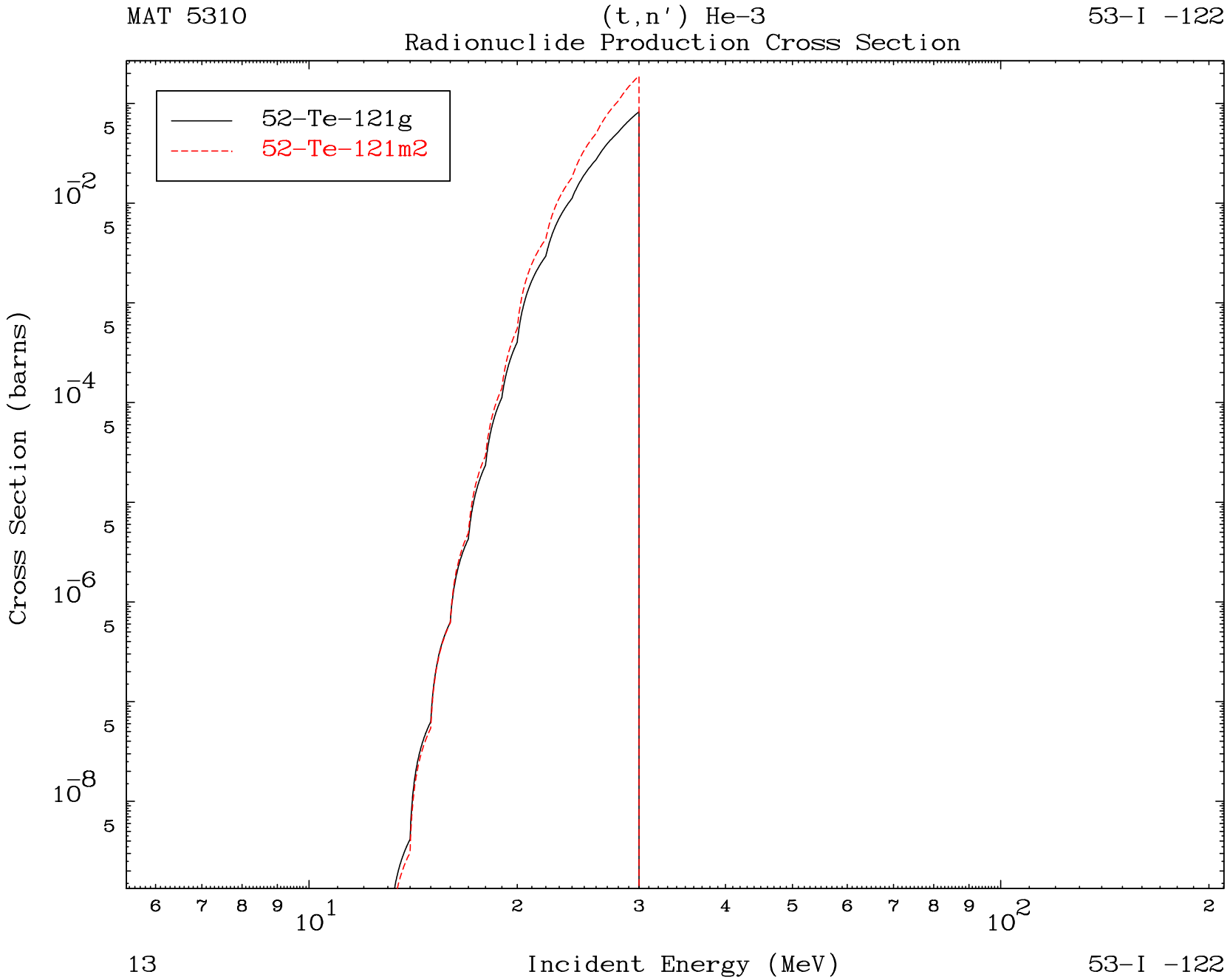
0 Kelvin Cross Sections

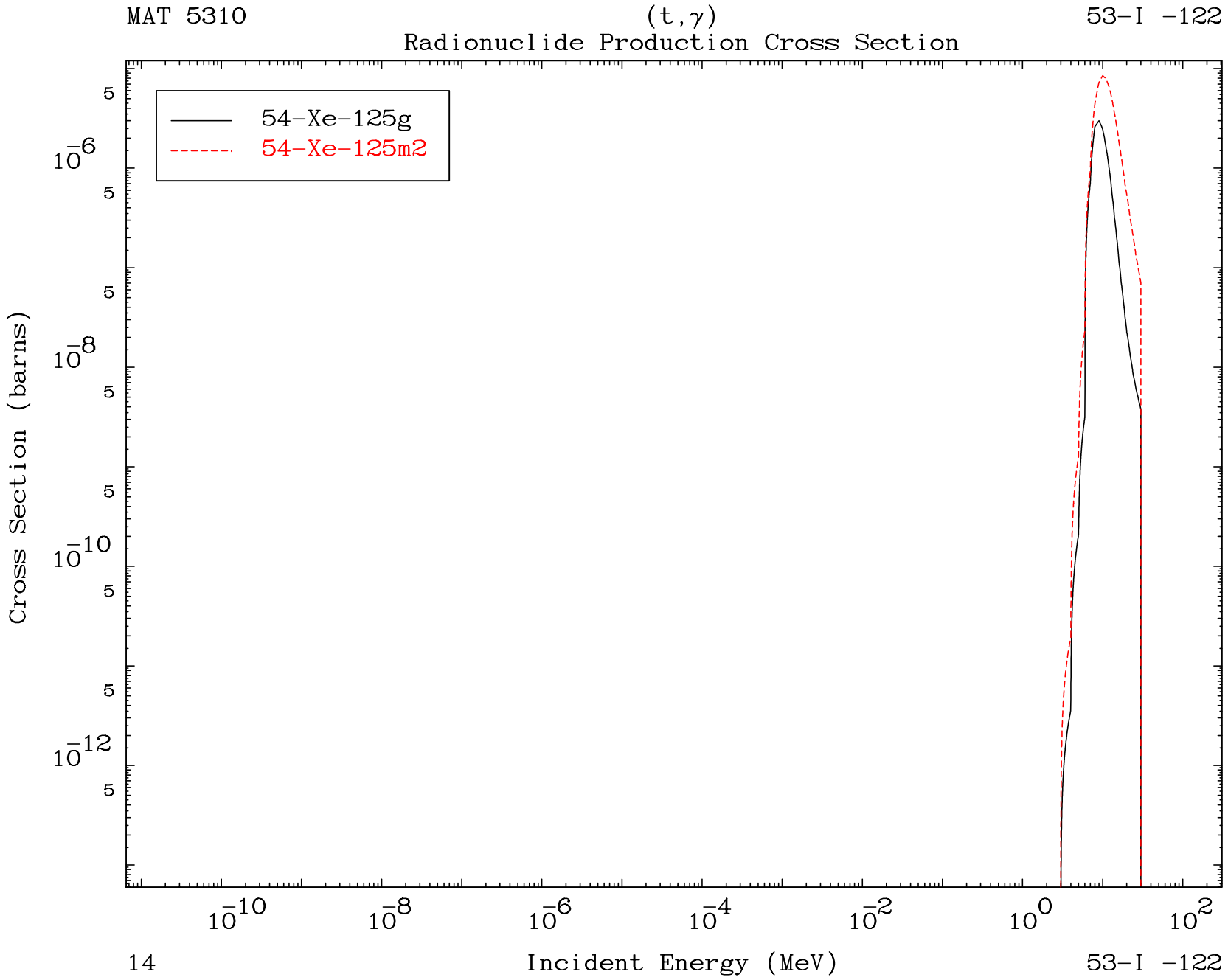


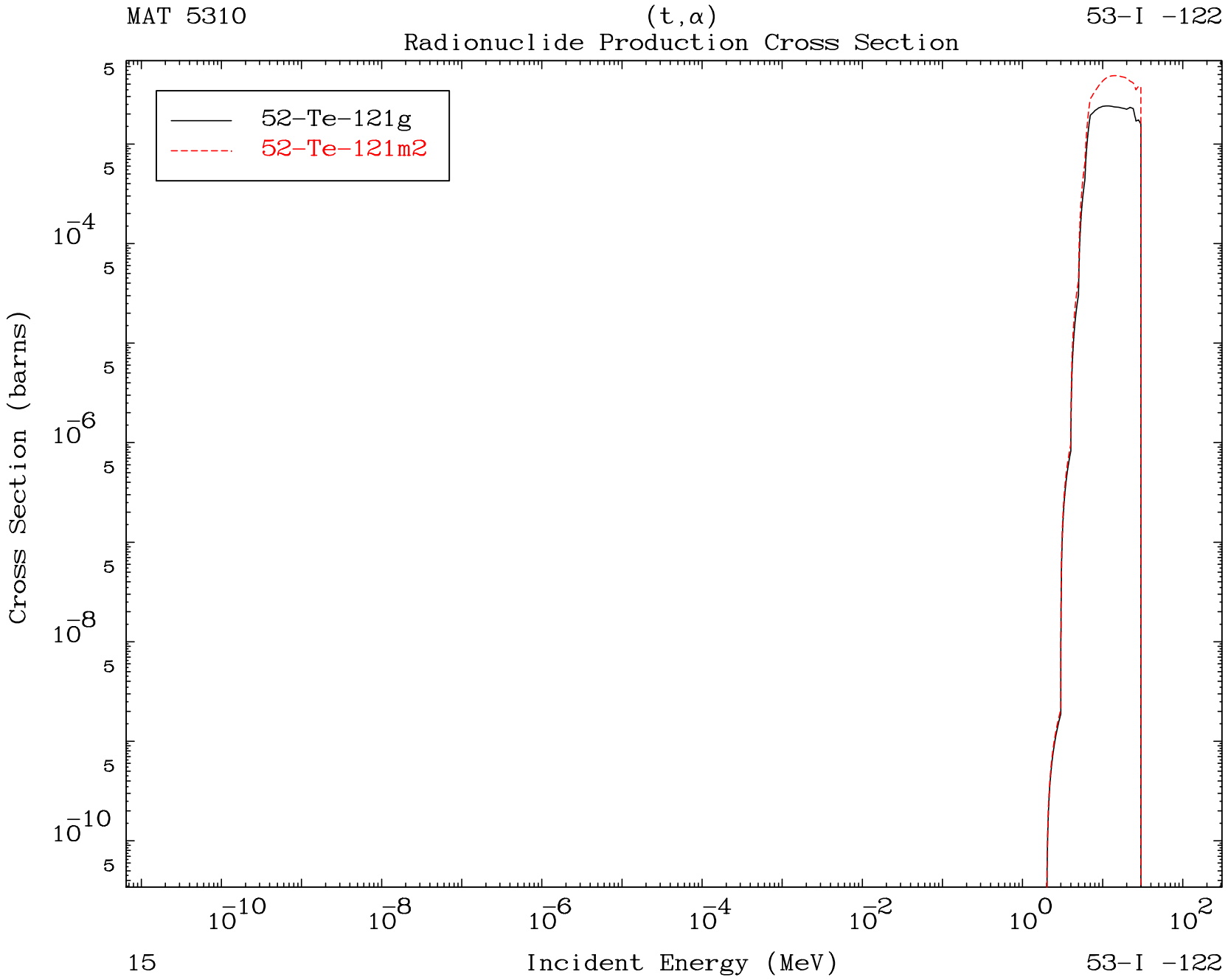

MAT 5310
(t,He3) Levels
53-I -122
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
53-I -122

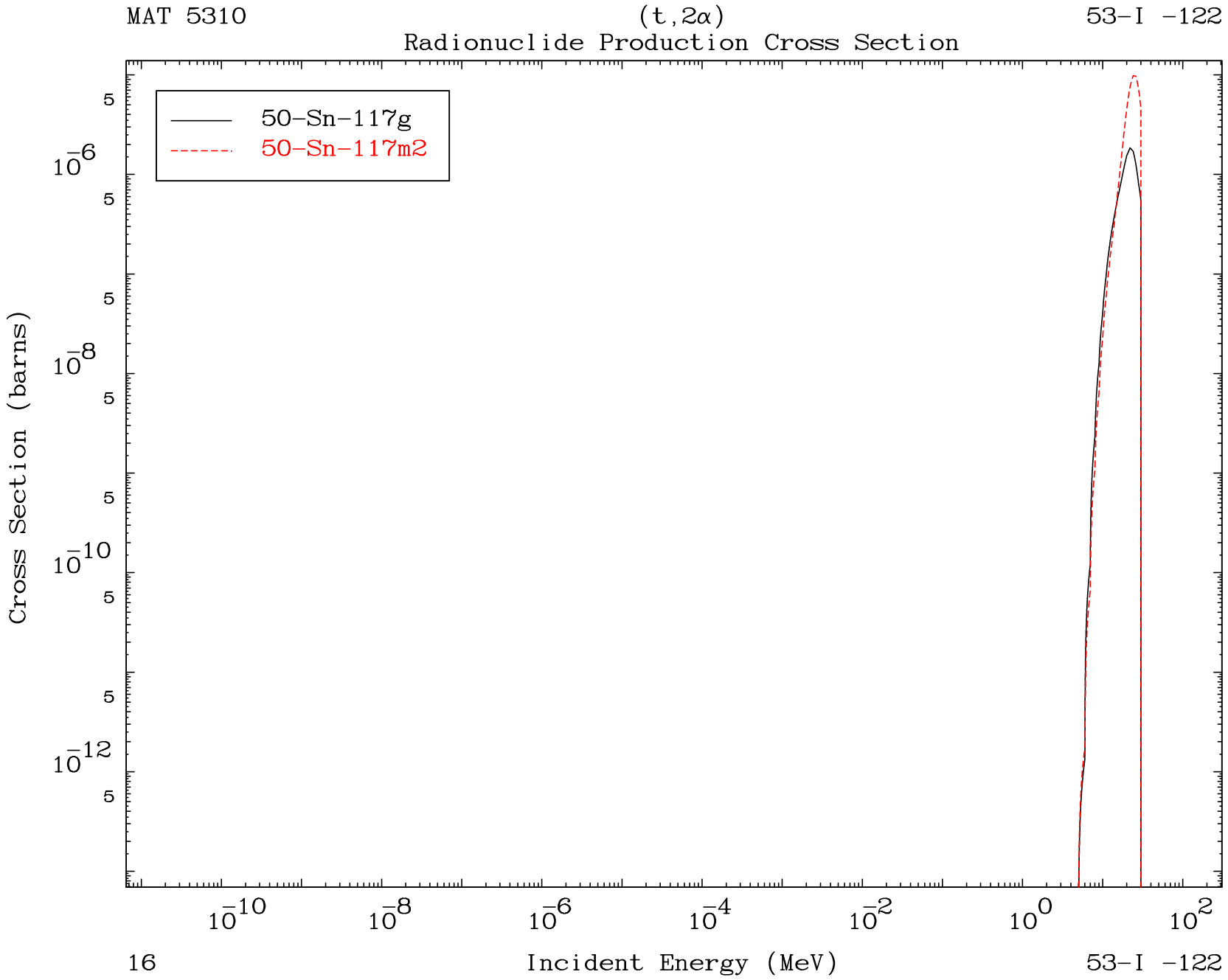

MAT 5310
(t,α) Levels
53-I -122
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
53-I -122

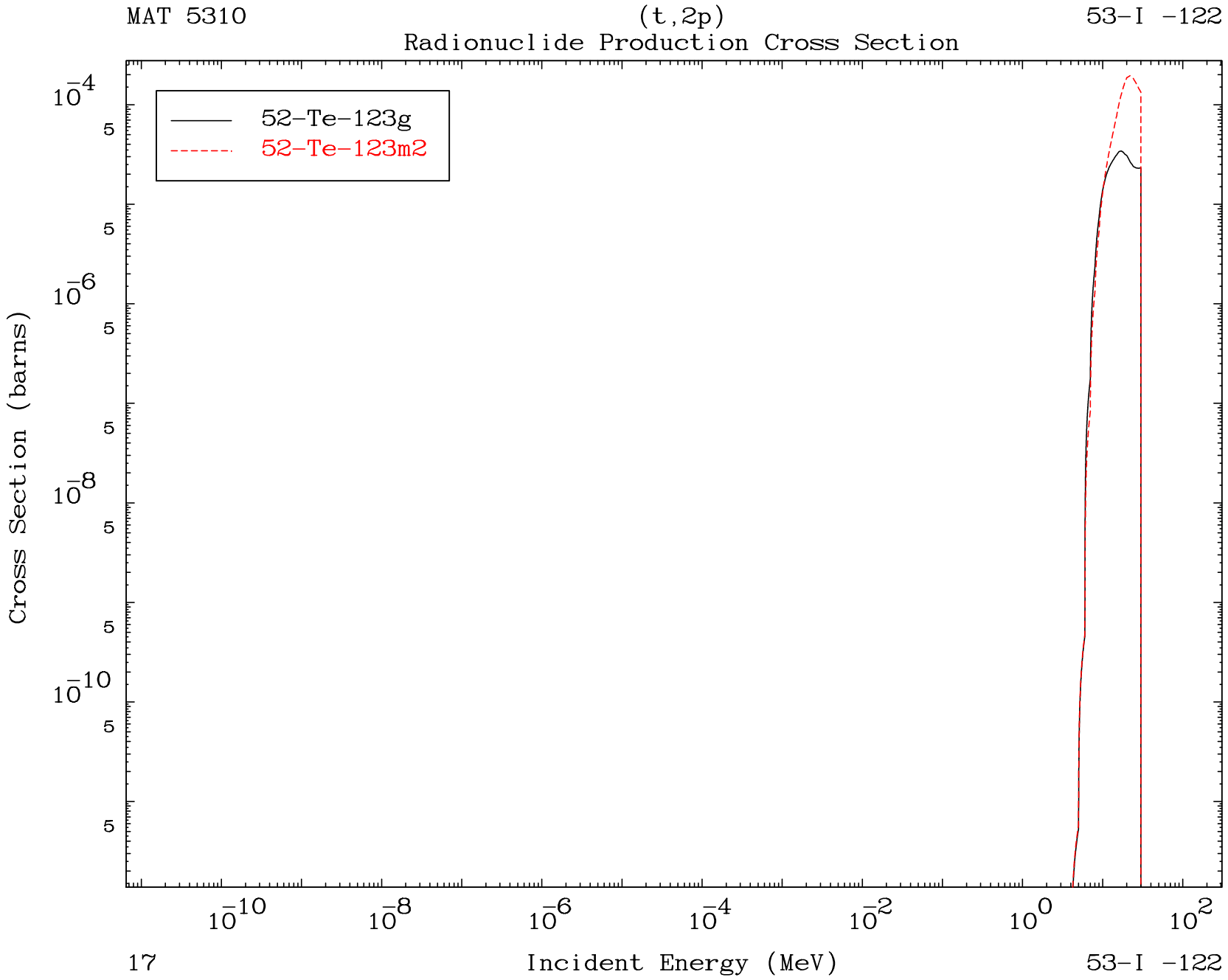

MAT 5310
(t,2n) α
53-I -122
Radionuclide Production Cross Section
52-Te-119g
52-Te-119m2
Cross Section (barns)
Incident Energy (MeV)
12
53-I -122

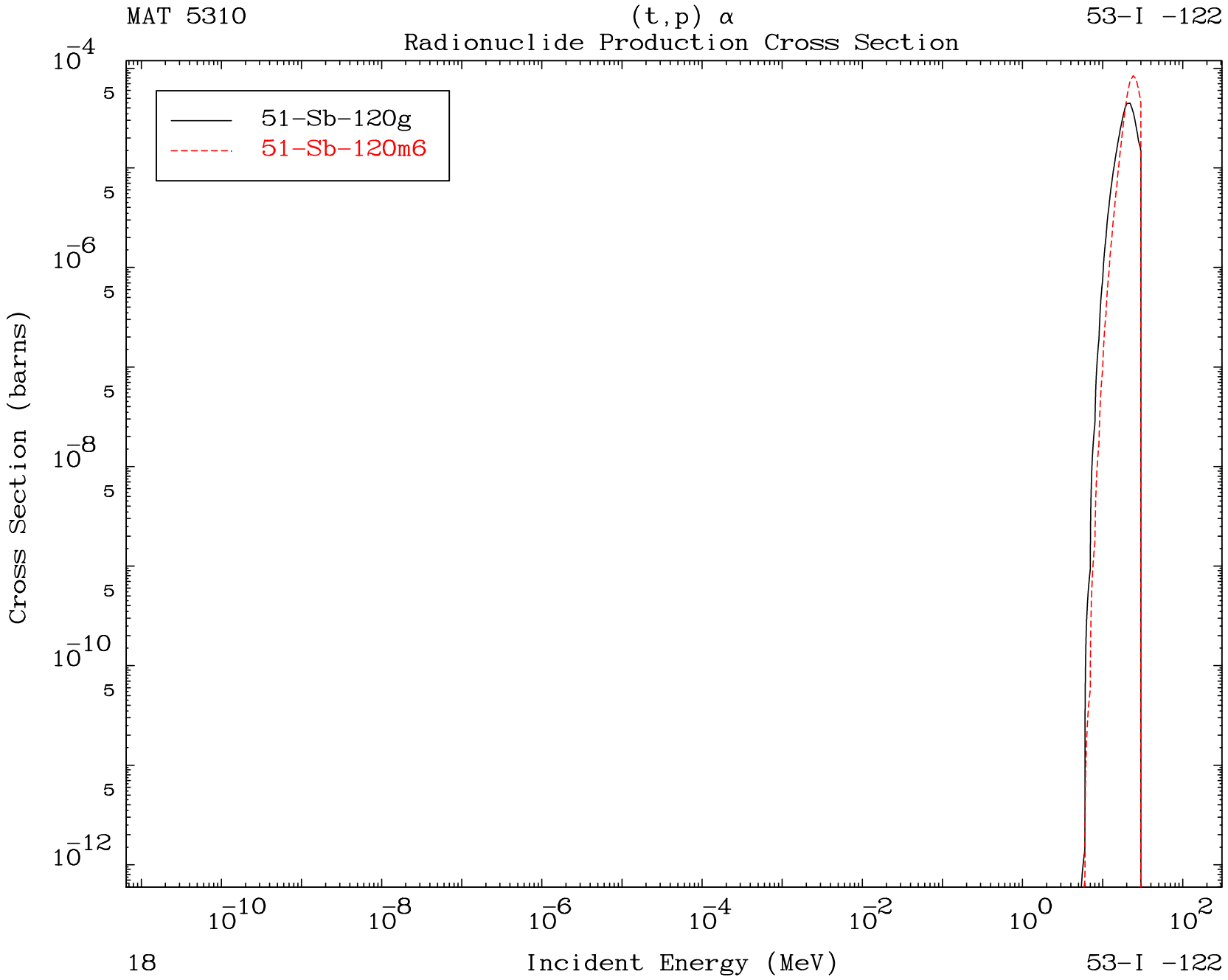

MAT 5310
(t,n') He-3
53-I -122
Radionuclide Production Cross Section
52-Te-121g
52-Te-121m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10 1
2 3 4 5 6 7 8 9 10 2
2
13
Incident Energy (MeV)
53-I -122

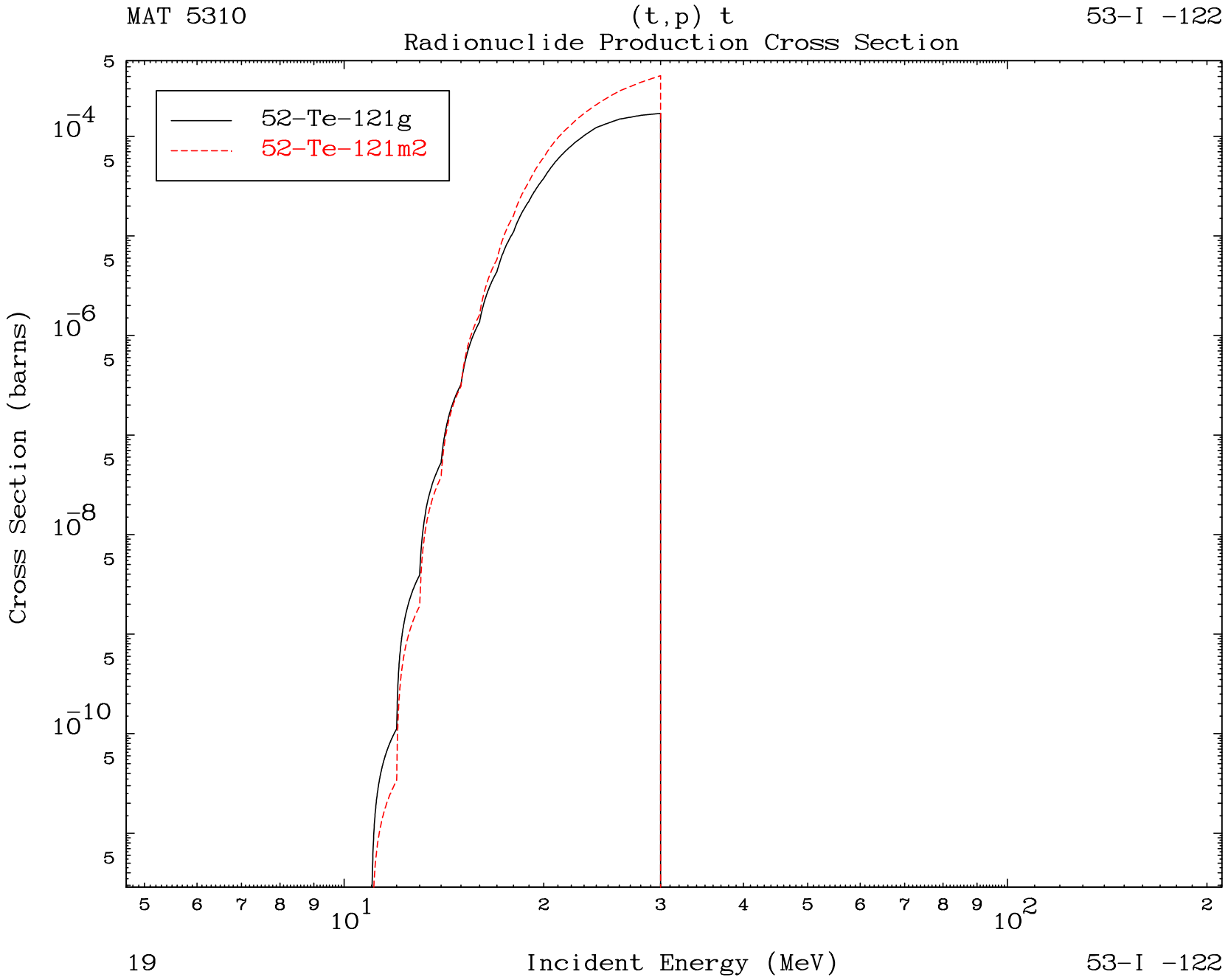

MAT 5310
(t,γ)
53-I -122
Radionuclide Production Cross Section
54-Xe-125g
54-Xe-125m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
14
Incident Energy (MeV)
53-I -122


MAT 5310
(t,α)
53-I -122
Radionuclide Production Cross Section
52-Te-121g
52-Te-121m2
Cross Section (barns)
Incident Energy (MeV)
15
53-I -122


MAT 5310
(t,2α)
53-I -122
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
16
53-I -122


MAT 5310
(t,2p)
53-I -122
Radionuclide Production Cross Section
52-Te-123g
52-Te-123m2
Cross Section (barns)
Incident Energy (MeV)
17
53-I -122


MAT 5310
(t,p) α
53-I -122
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m6
Cross Section (barns)
Incident Energy (MeV)
18
53-I -122


MAT 5310
(t,p) t
53-I -122
Radionuclide Production Cross Section
52-Te-121g
52-Te-121m2
Cross Section (barns)
Incident Energy (MeV)
19
53-I -122