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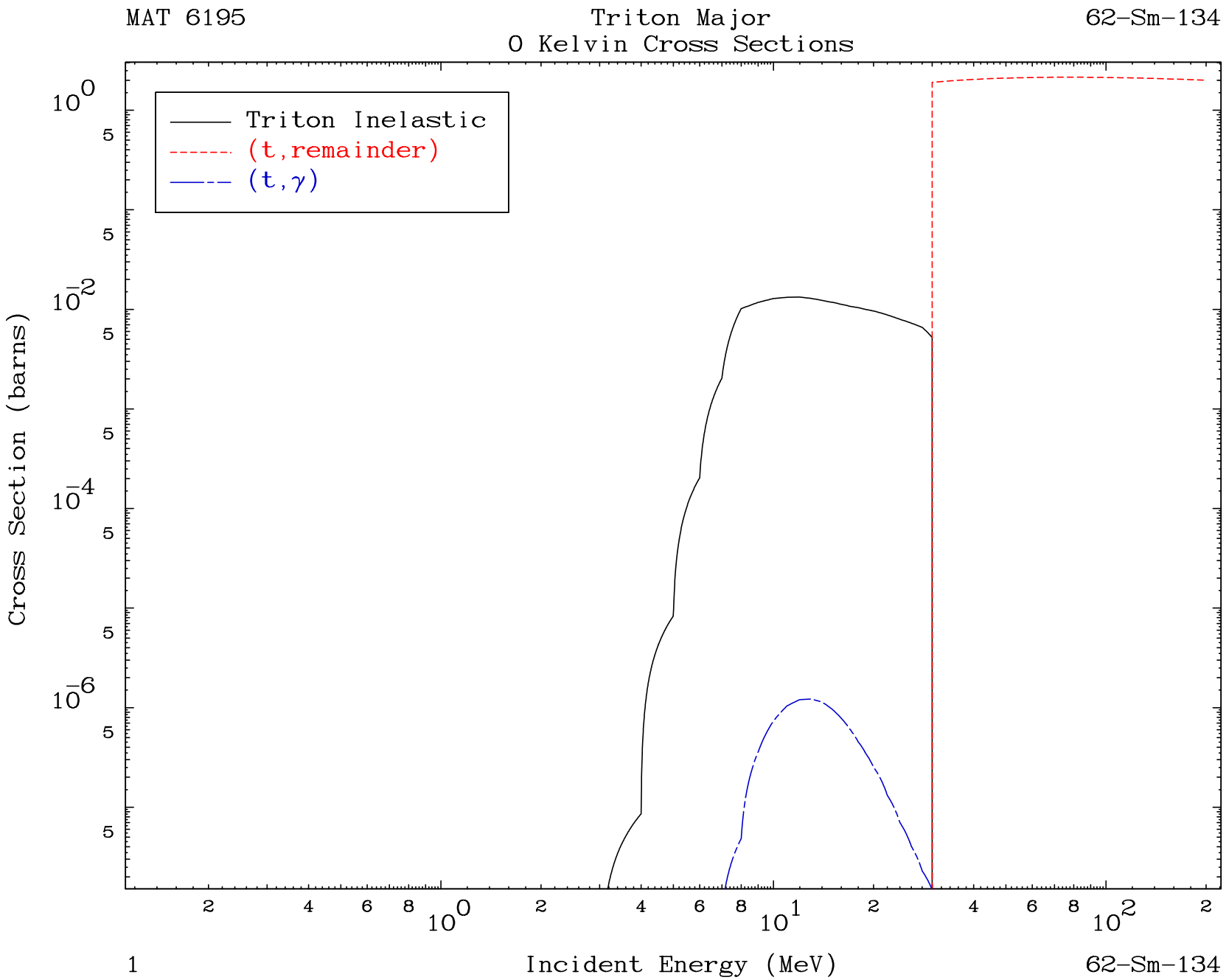
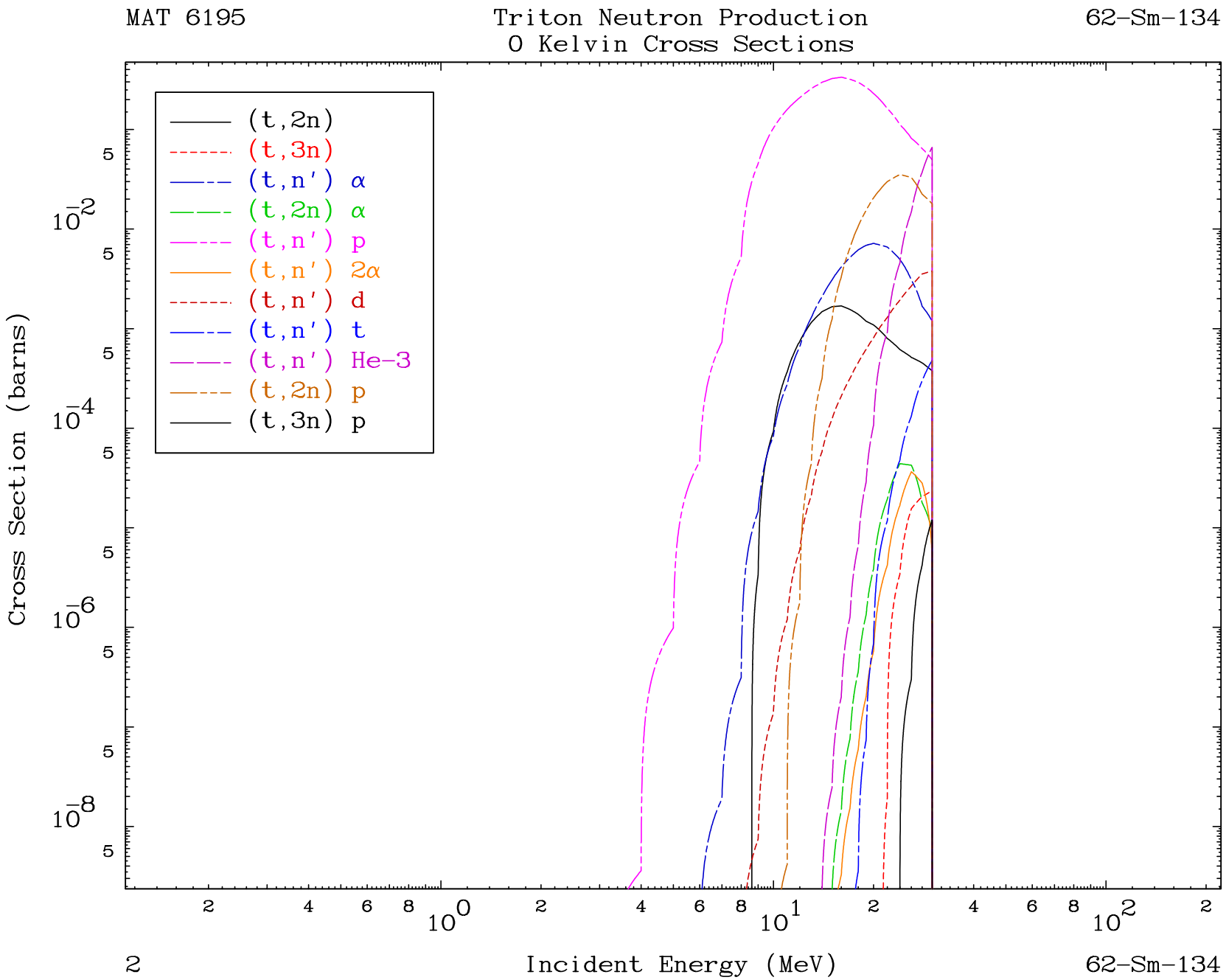
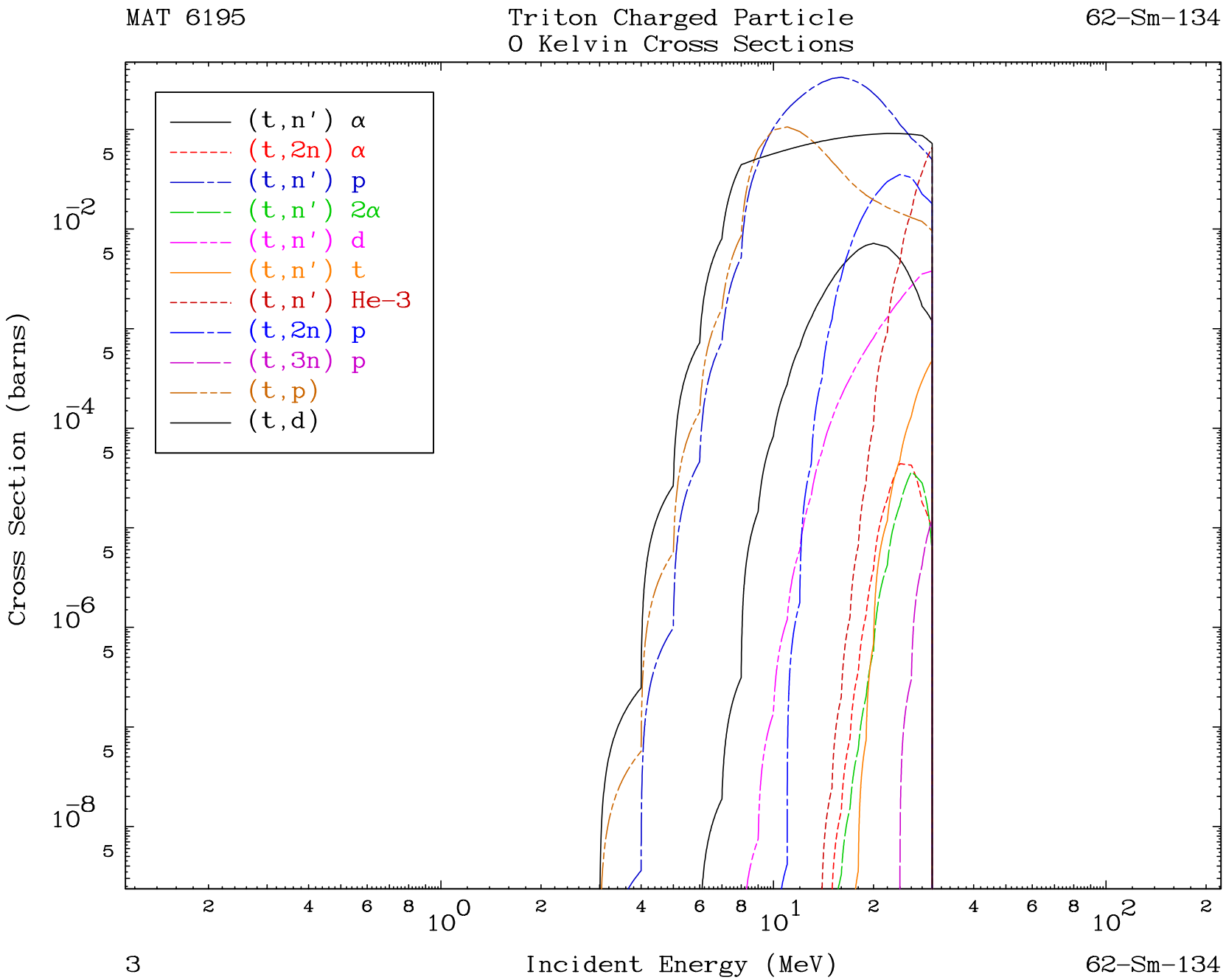
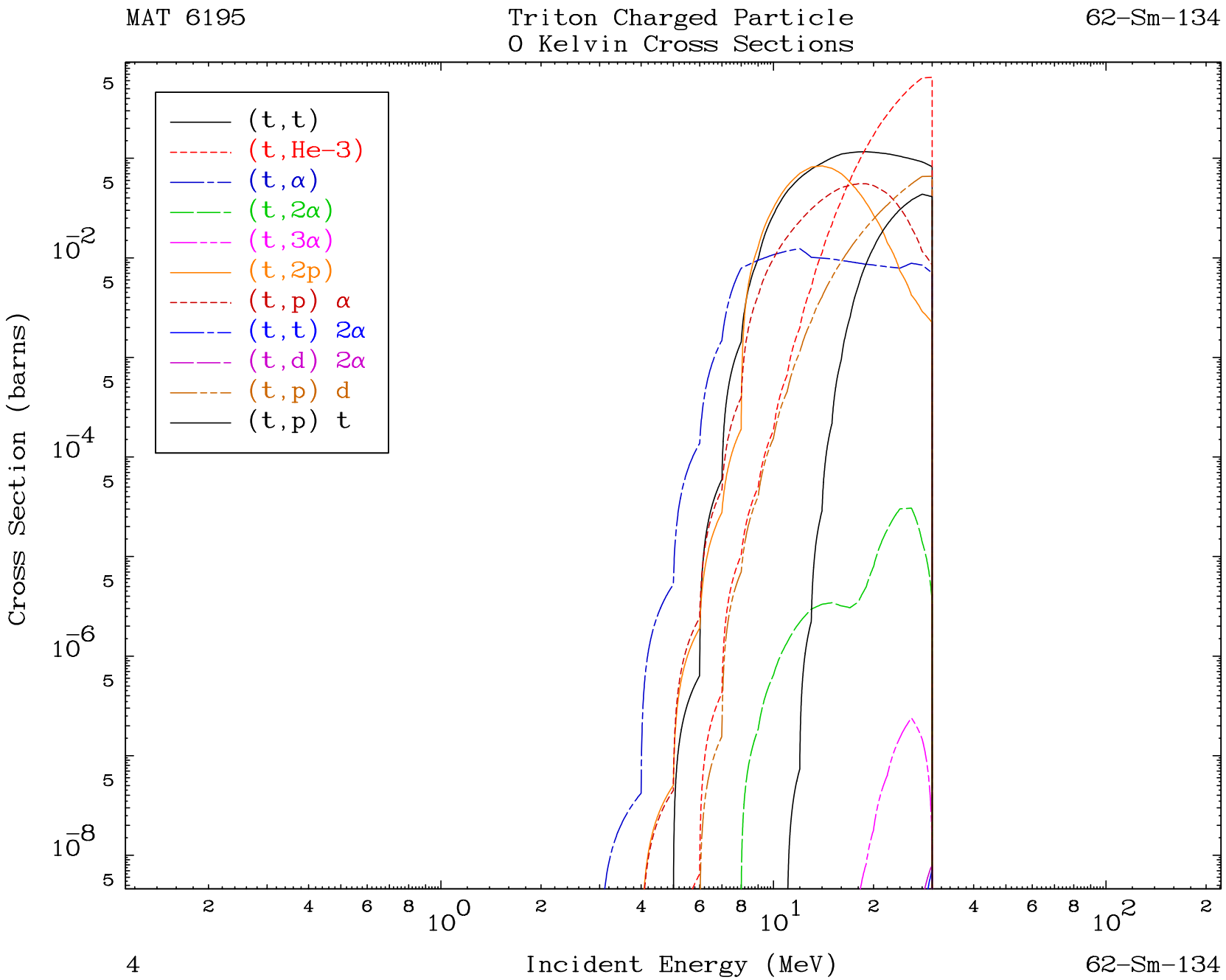
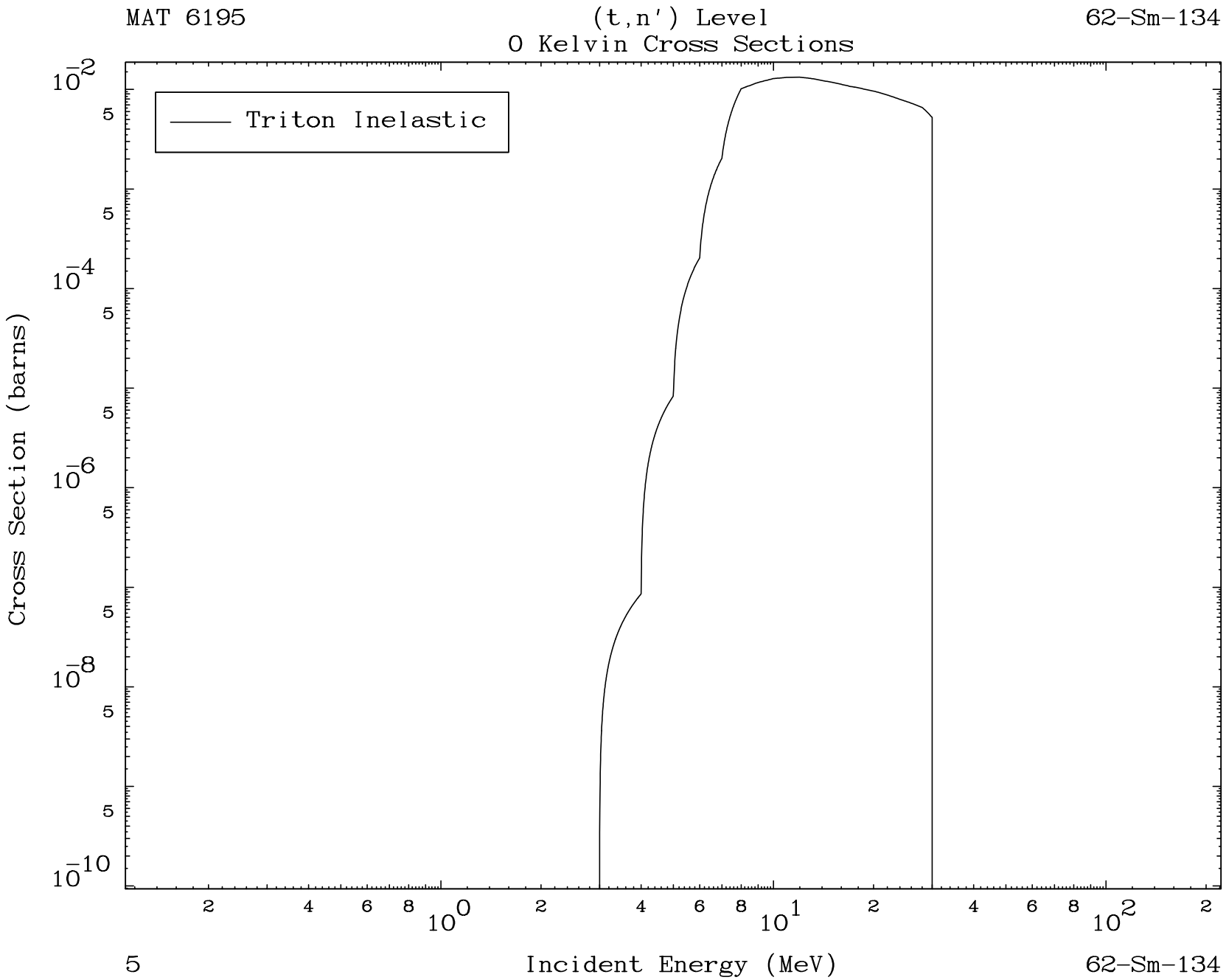
Press Mouse Button to Start

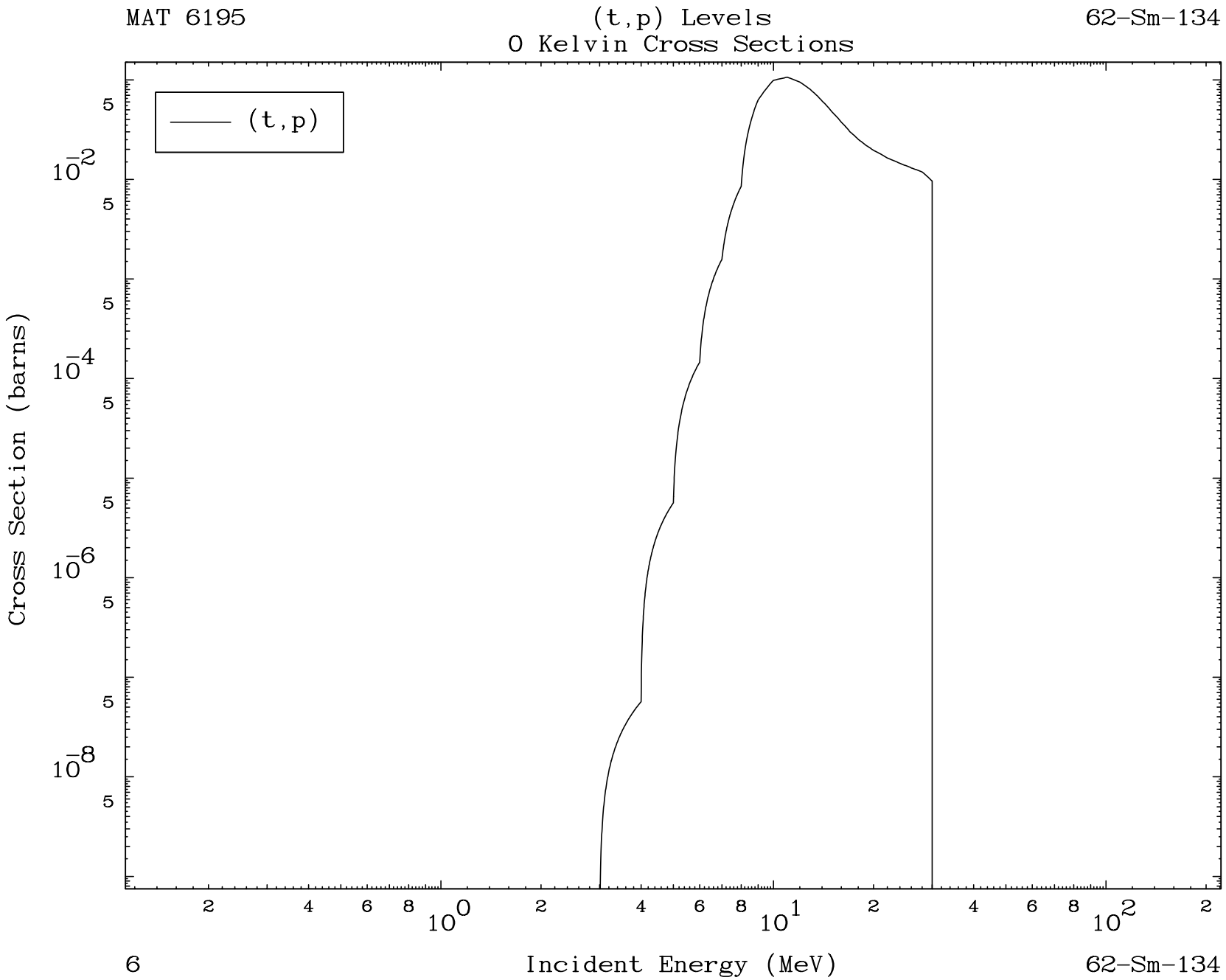

MAT 6195
Triton Major
62-Sm-134
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
62-Sm-134
1

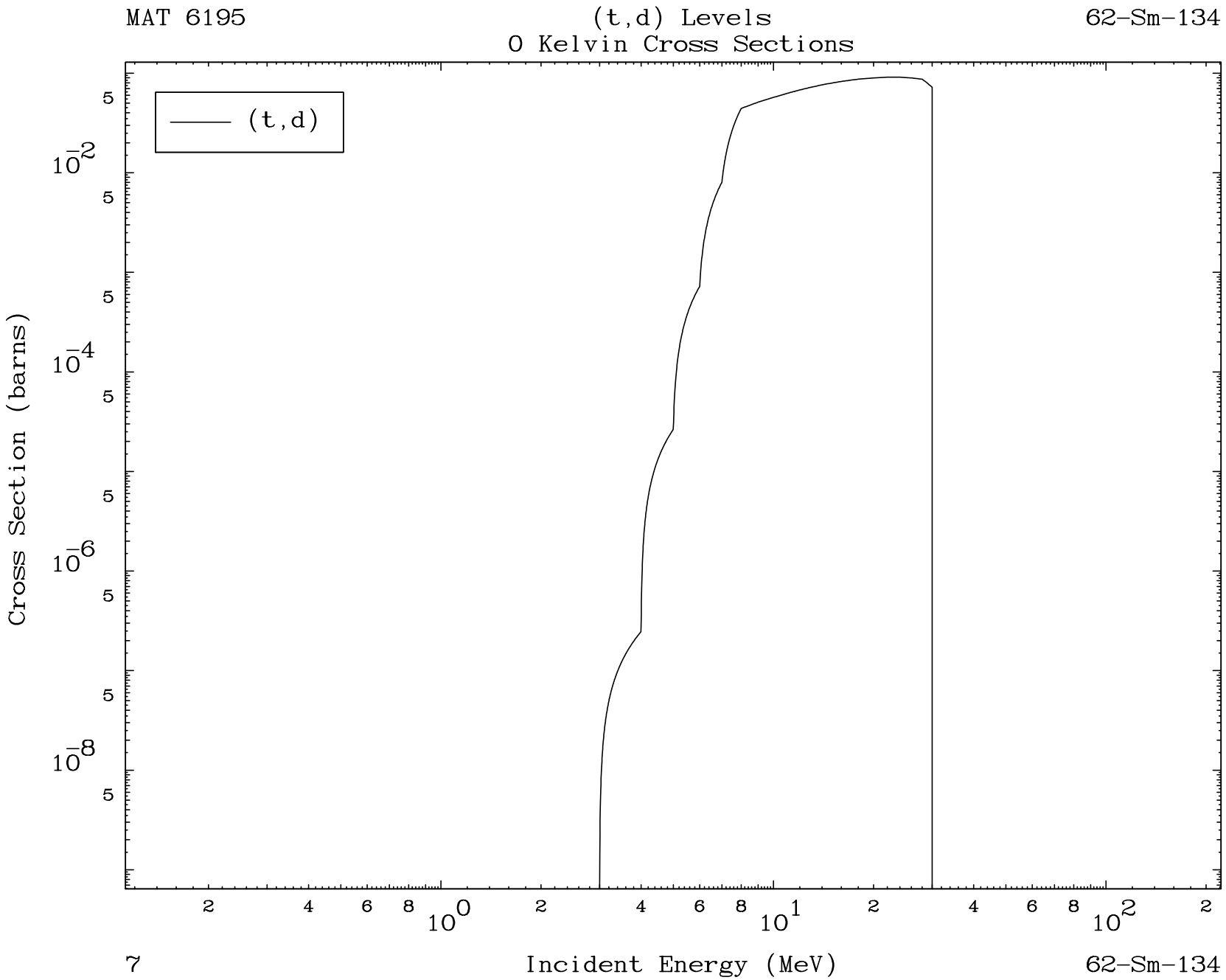

MAT 6195
Triton Neutron Production
0 Kelvin Cross Sections
62-Sm-134
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
62-Sm-134
2

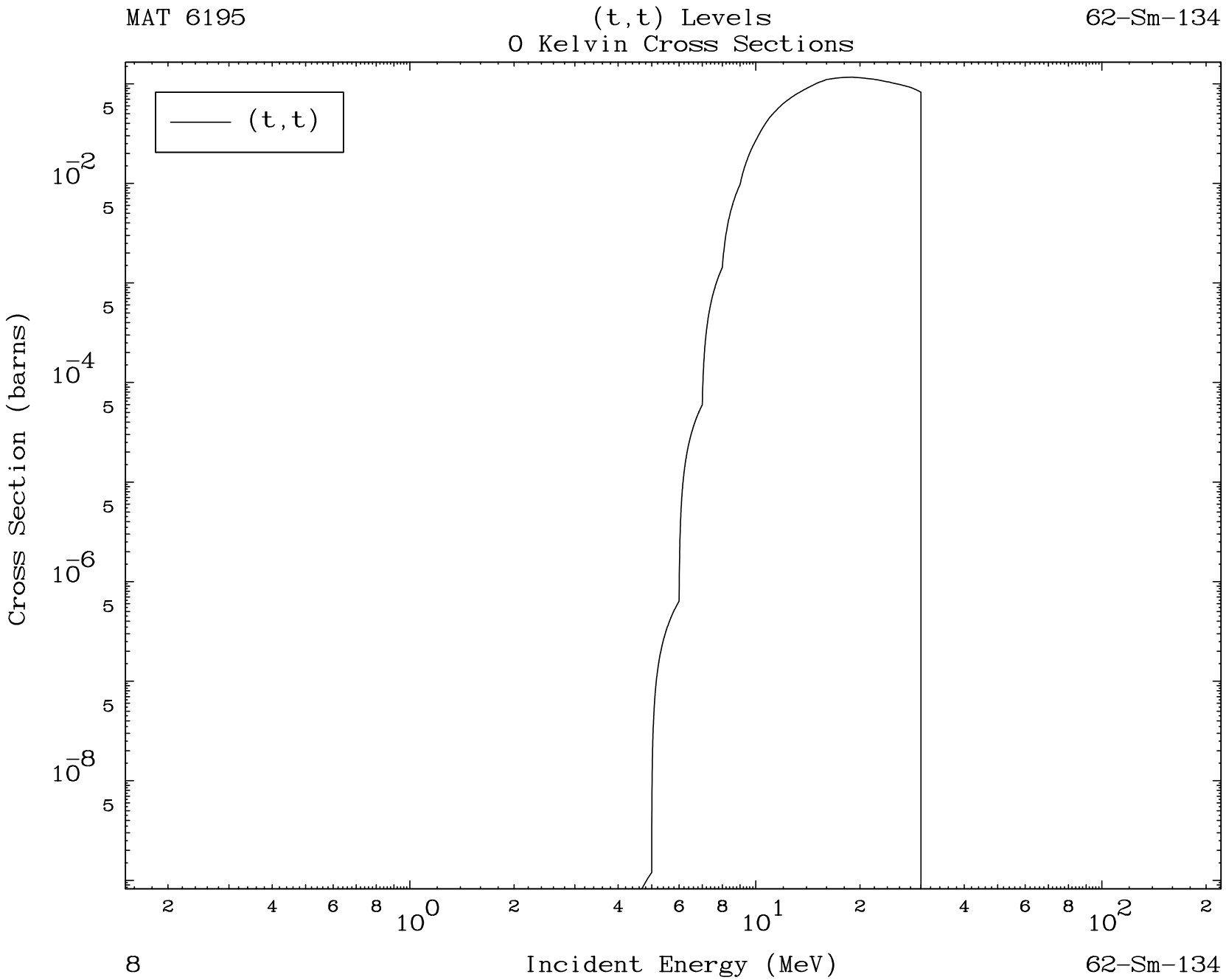

MAT 6195
Triton Charged Particle
0 Kelvin Cross Sections
62-Sm-134
(t,n') α
(t,2n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
Cross Section (barns)
Incident Energy (MeV)
3
62-Sm-134

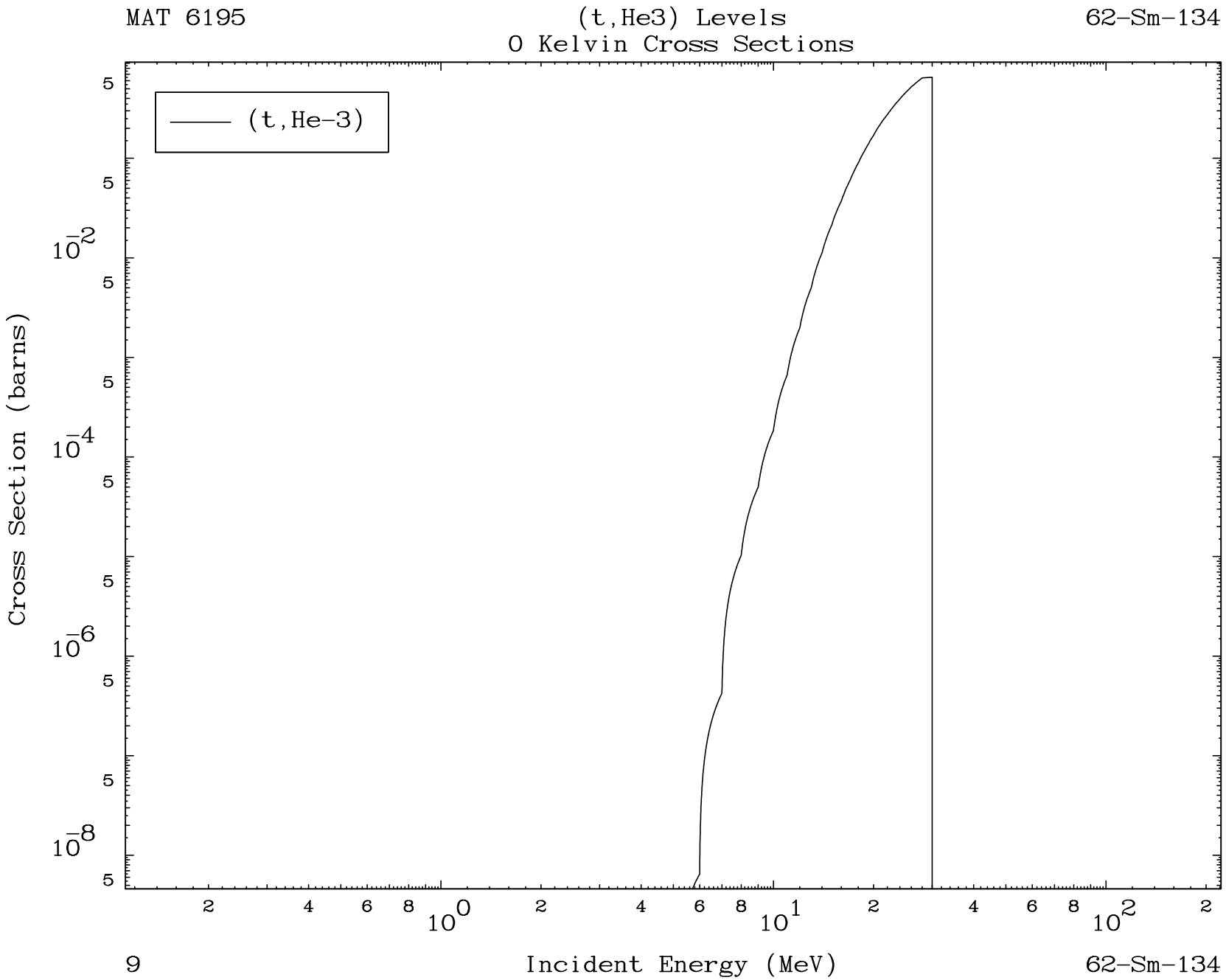

MAT 6195
Triton Charged Particle
0 Kelvin Cross Sections
62-Sm-134
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
4
62-Sm-134

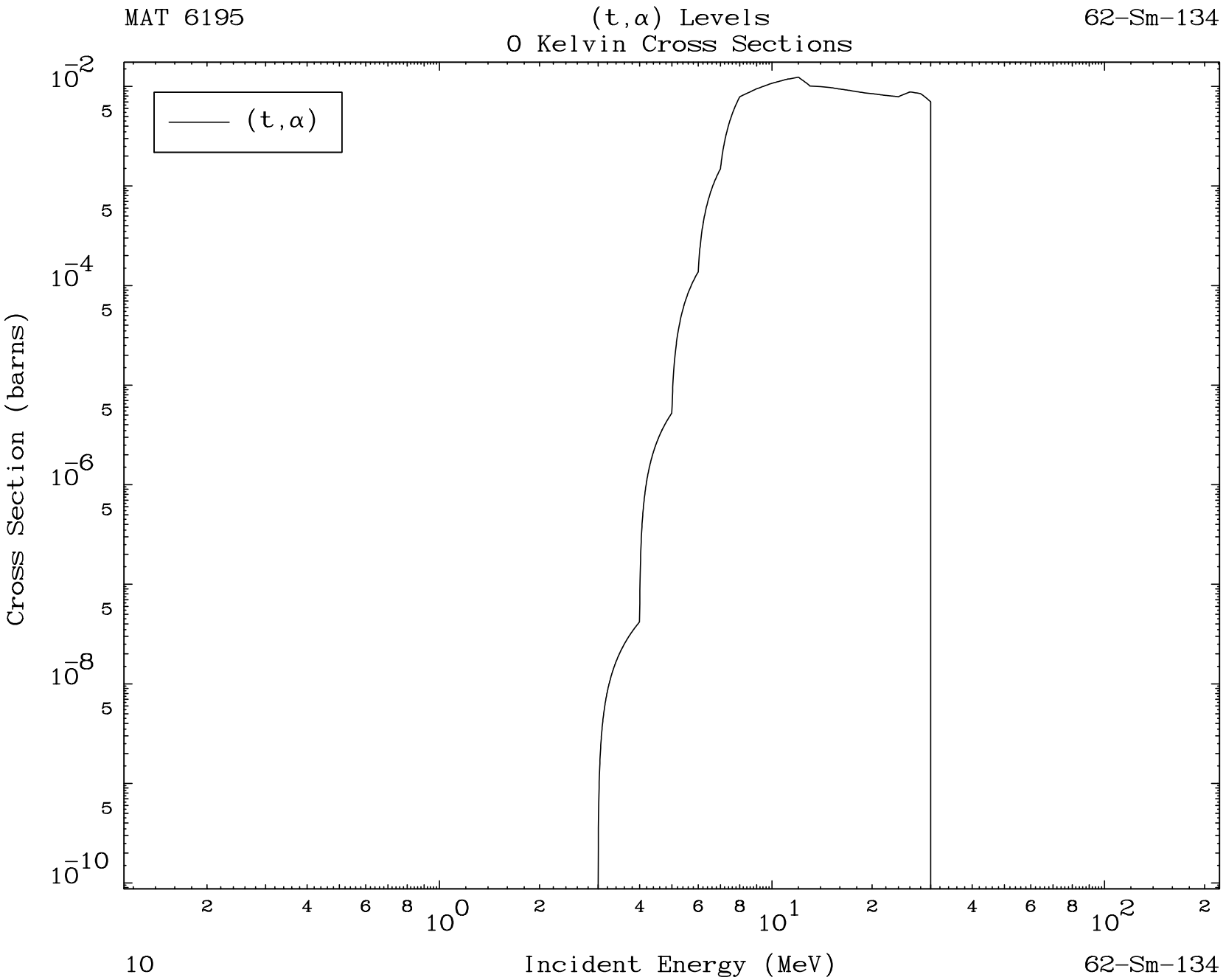

MAT 6195
(t,n') Level
62-Sm-134
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
62-Sm-134

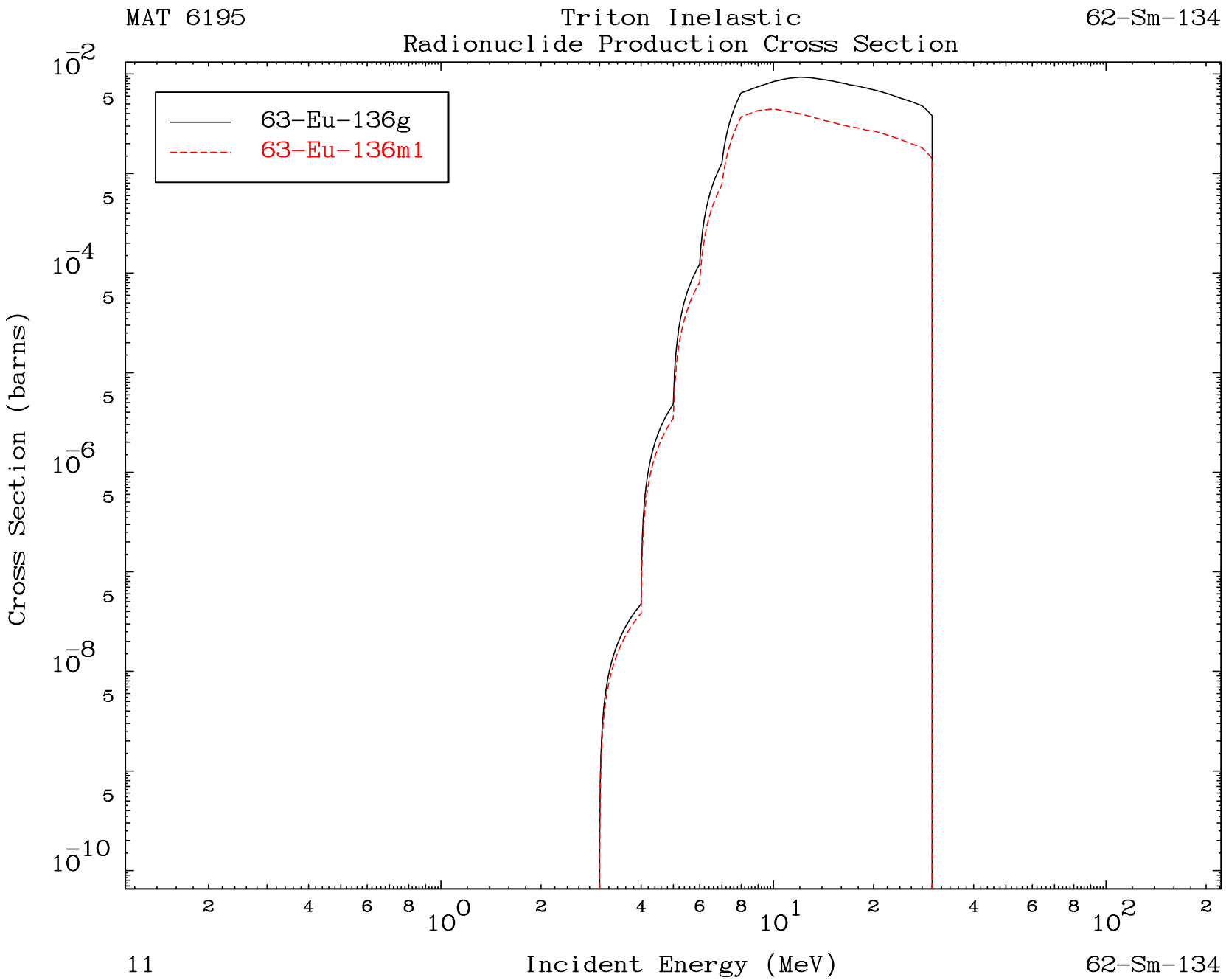

MAT 6195
(t,p) Levels
62-Sm-134
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
62-Sm-134

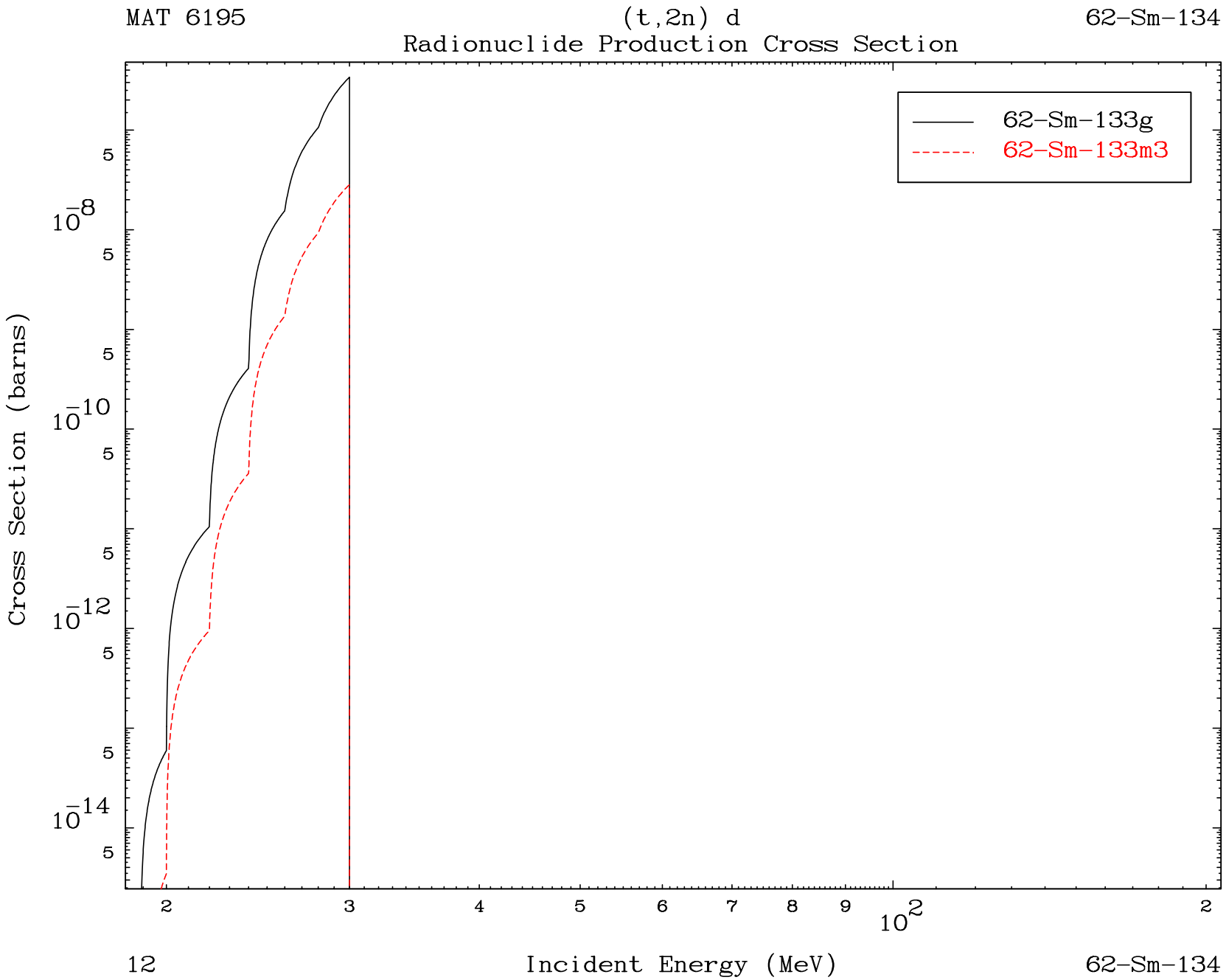

MAT 6195
(t,d) Levels
62-Sm-134
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
7
62-Sm-134

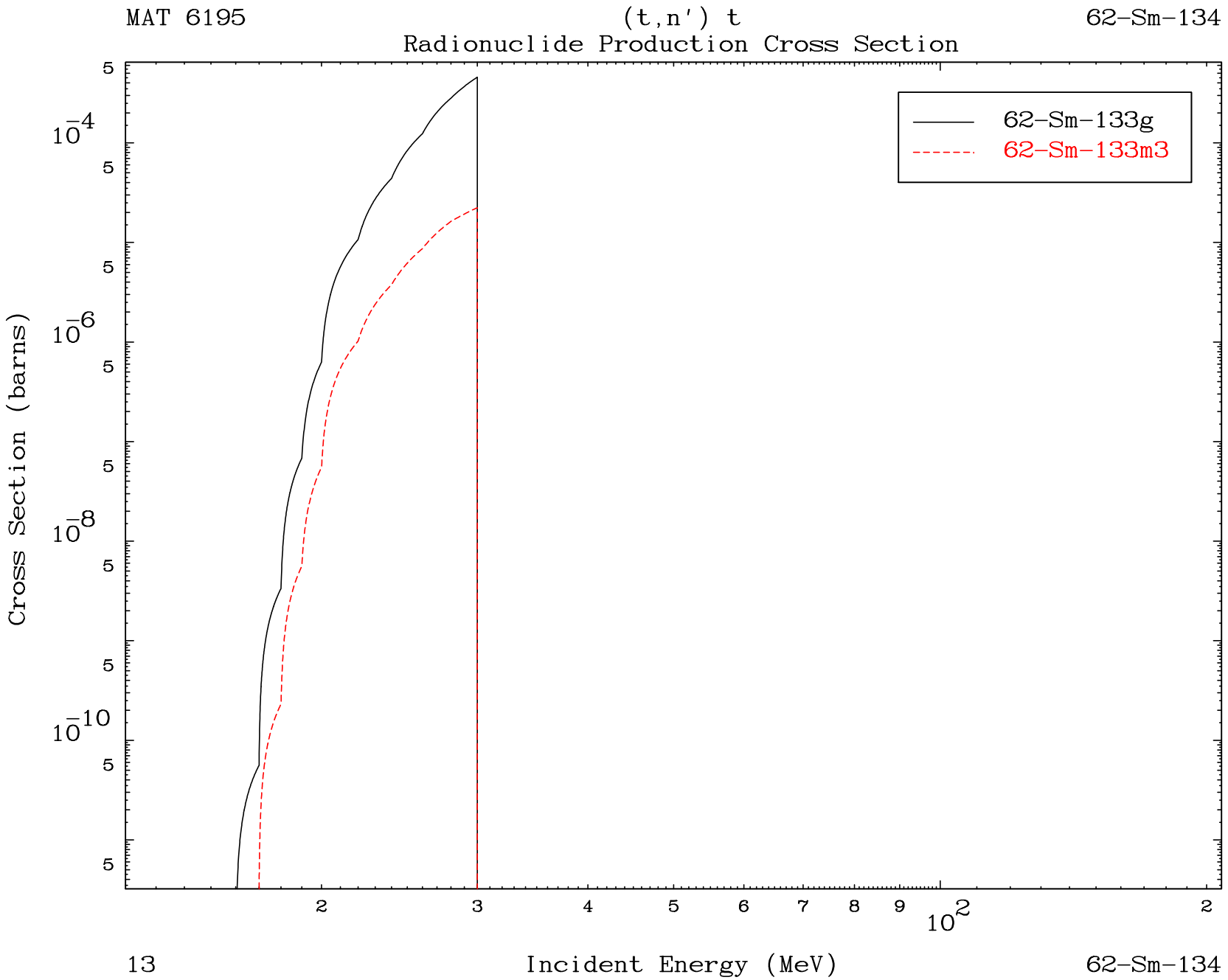

MAT 6195
(t,t) Levels
62-Sm-134
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
8
62-Sm-134

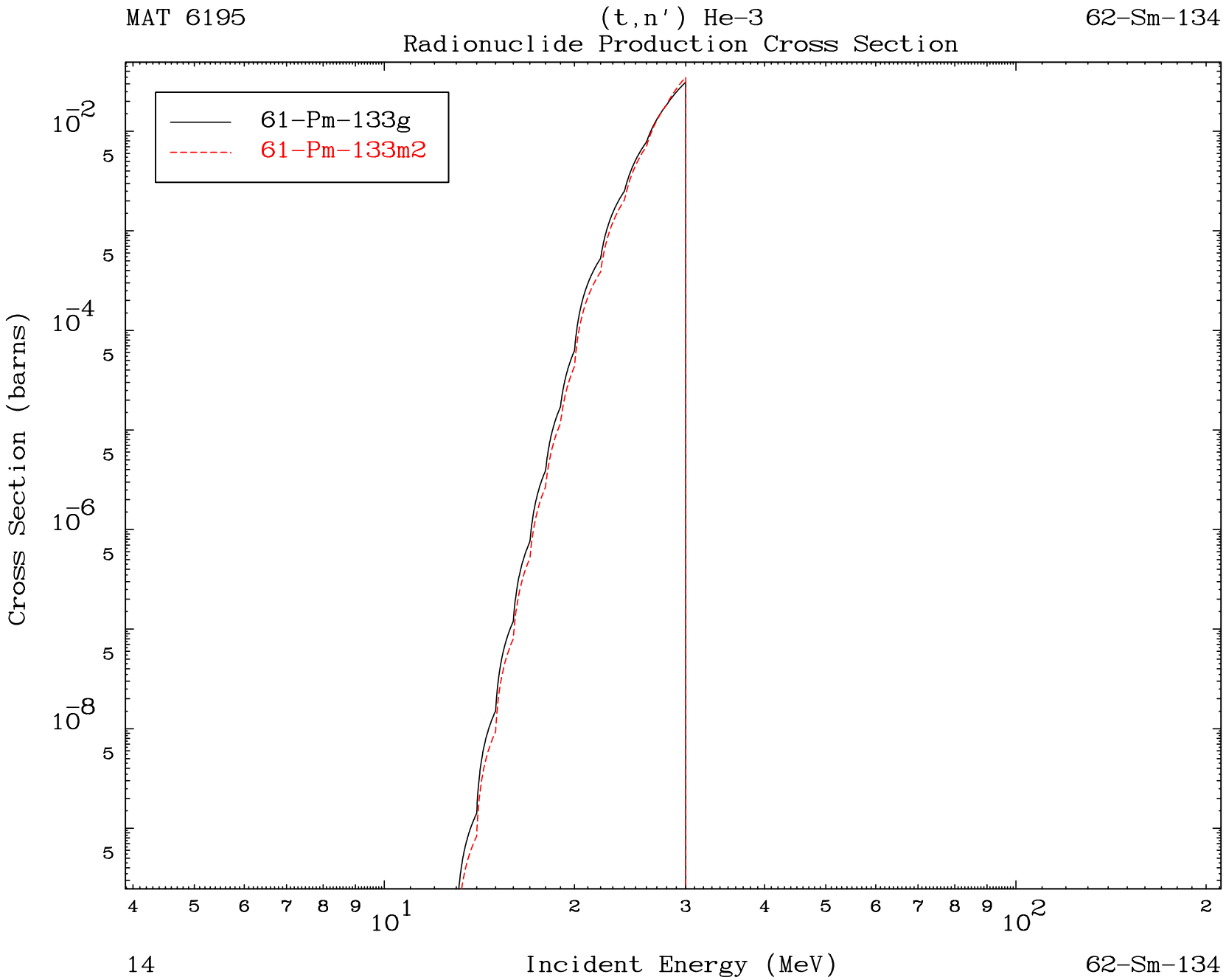

MAT 6195
(t,He3) Levels
62-Sm-134
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
62-Sm-134

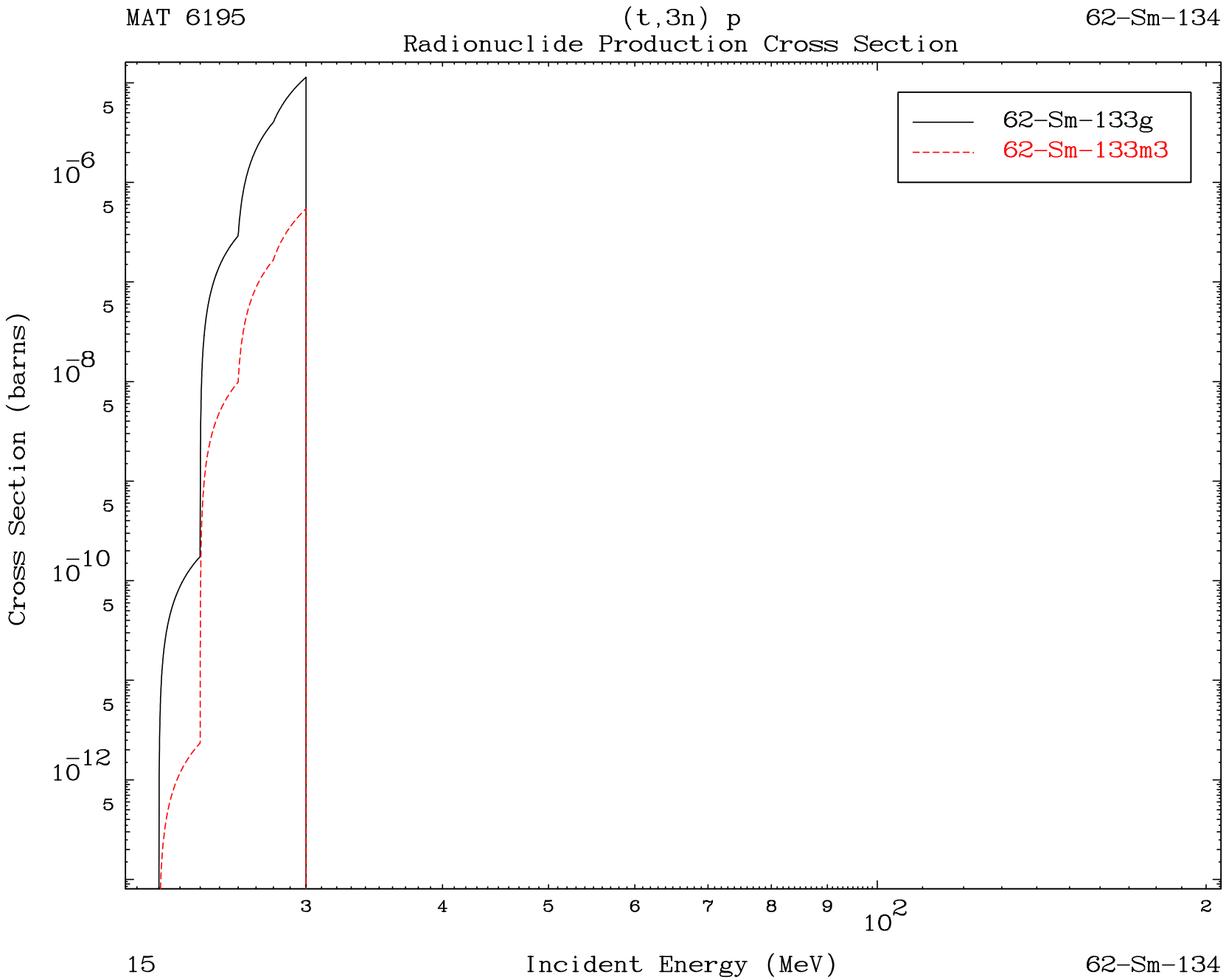

MAT 6195
(t,α) Levels
62-Sm-134
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
62-Sm-134

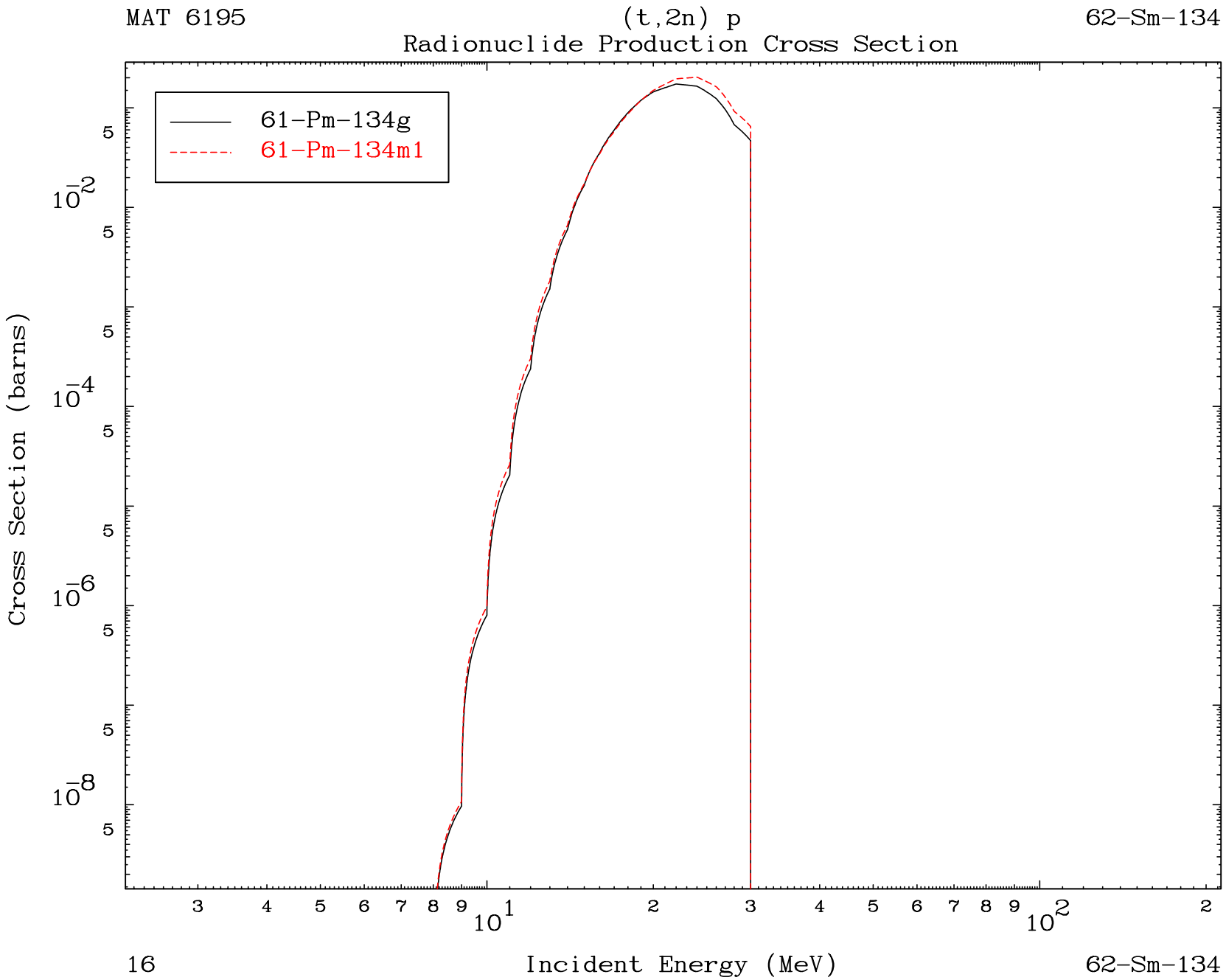

MAT 6195
Triton Inelastic
62-Sm-134
Radionuclide Production Cross Section
63-Eu-136g
63-Eu-136m1
Cross Section (barns)
Incident Energy (MeV)
11
62-Sm-134

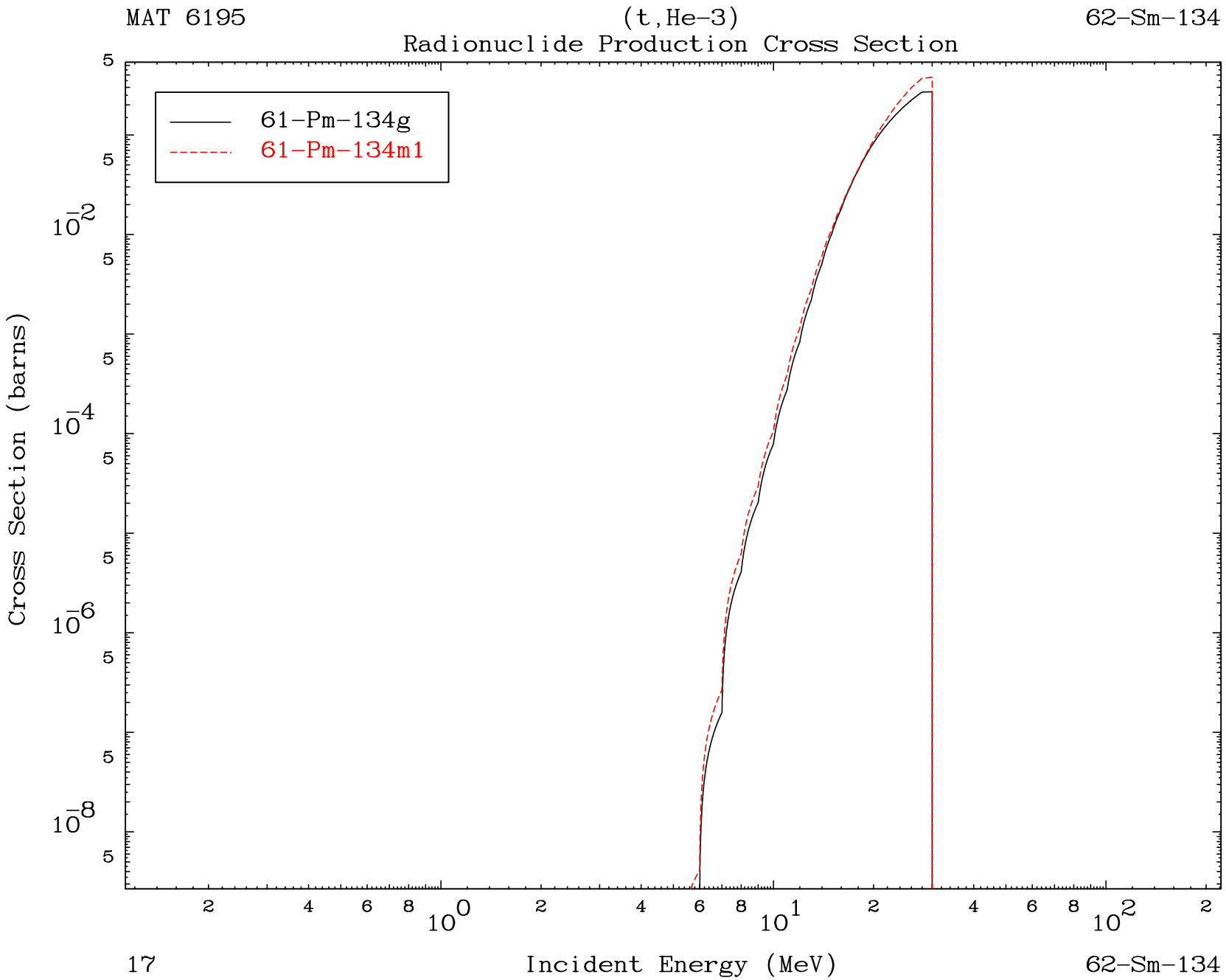

MAT 6195
(t,2n) d
62-Sm-134
Radionuclide Production Cross Section
62-Sm-133g
62-Sm-133m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
62-Sm-134

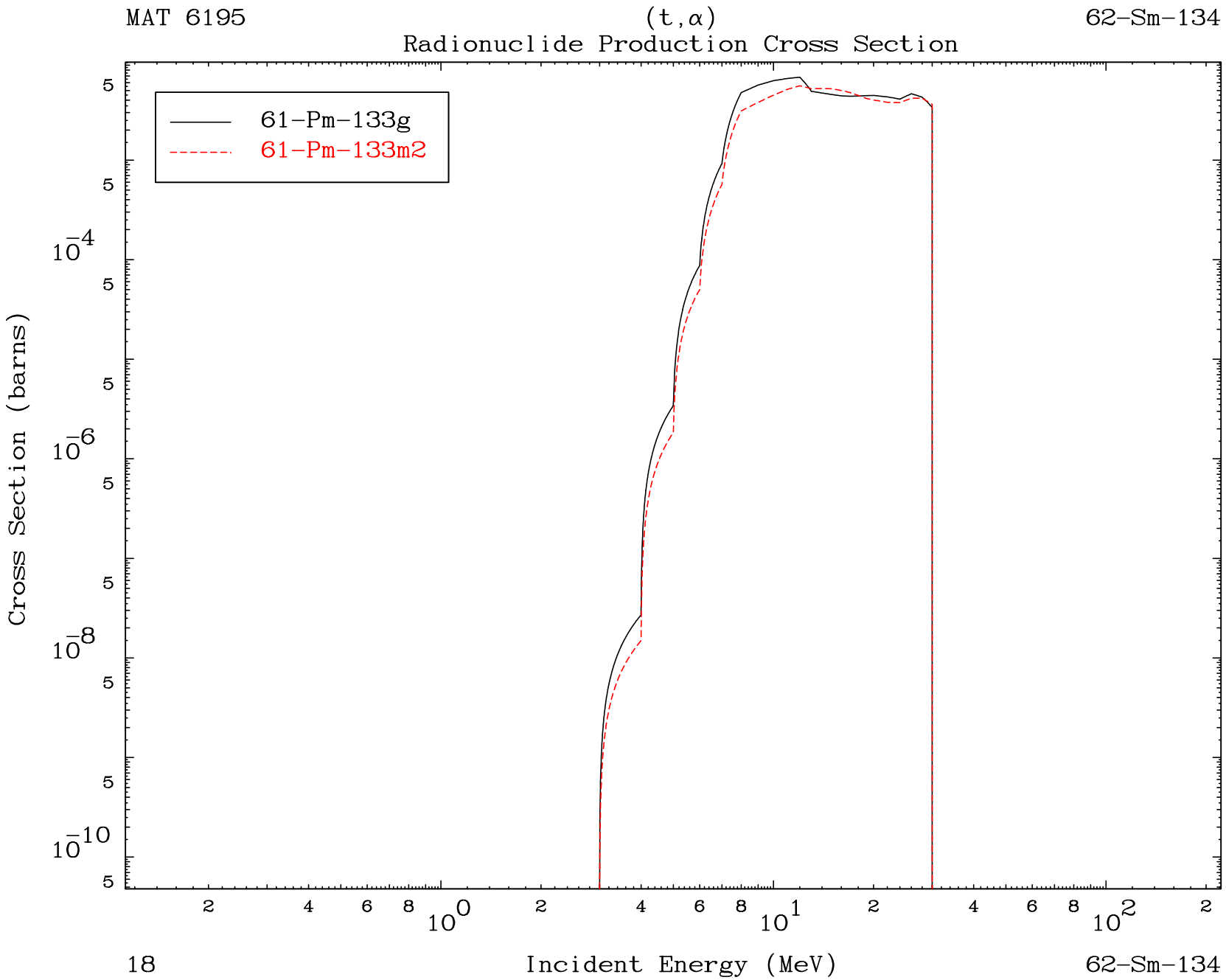

MAT 6195
(t,n') t
62-Sm-134
Radionuclide Production Cross Section
62-Sm-133g
62-Sm-133m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
13
62-Sm-134

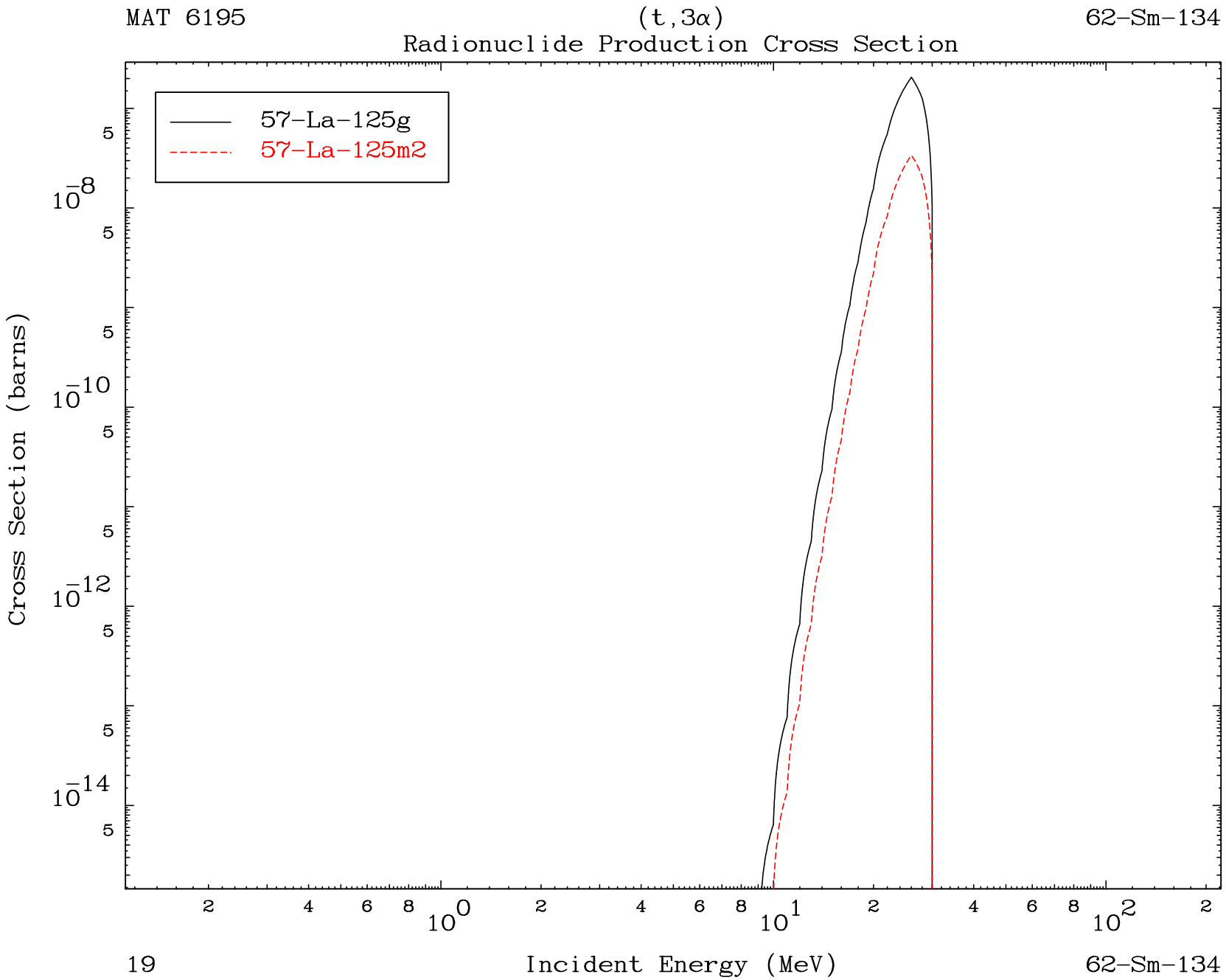

MAT 6195
(t,n') He-3
62-Sm-134
Radionuclide Production Cross Section
61-Pm-133g
61-Pm-133m2
Cross Section (barns)
Incident Energy (MeV)
14
62-Sm-134

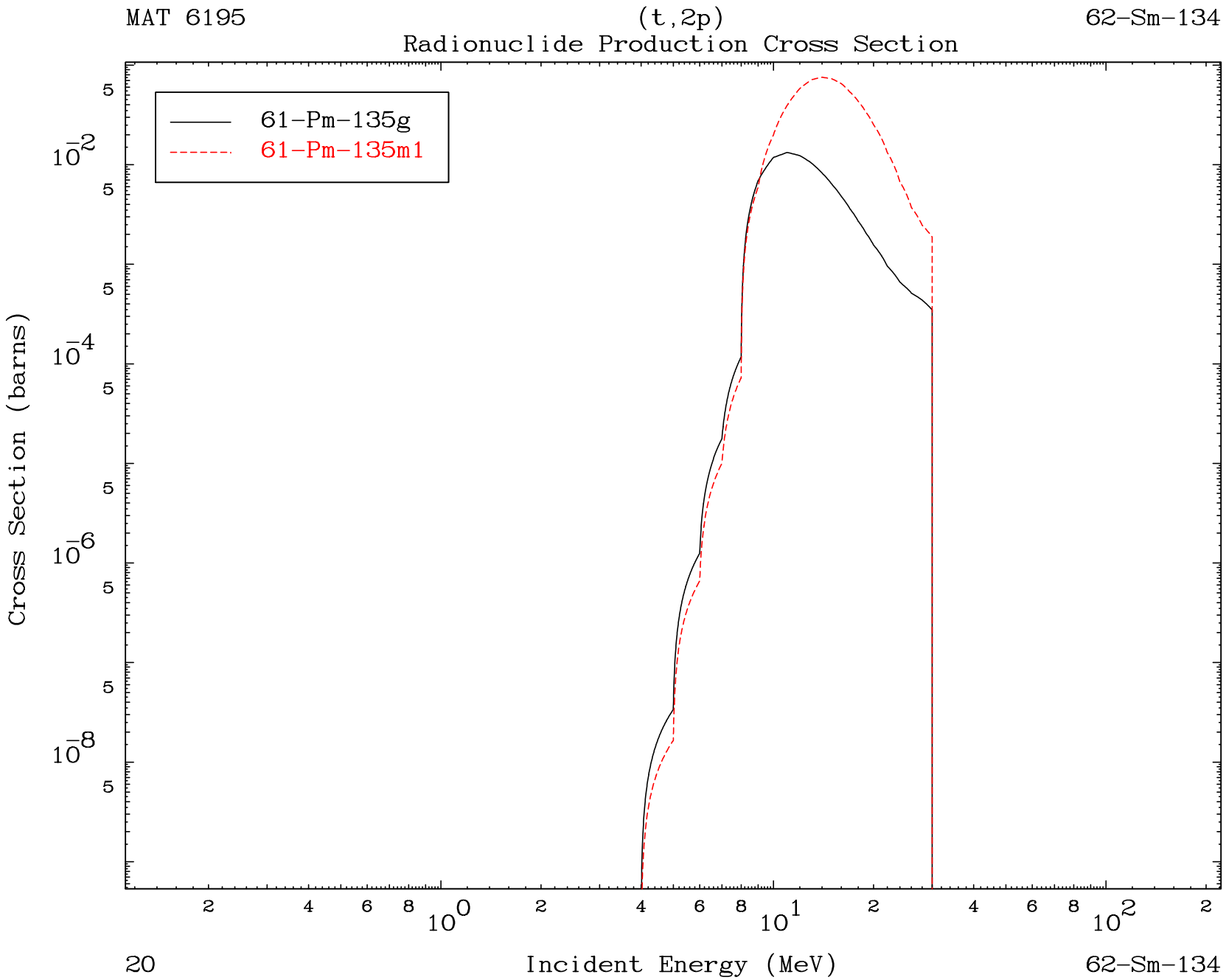

MAT 6195
(t,3n) p
62-Sm-134
Radionuclide Production Cross Section
62-Sm-133g
62-Sm-133m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
62-Sm-134

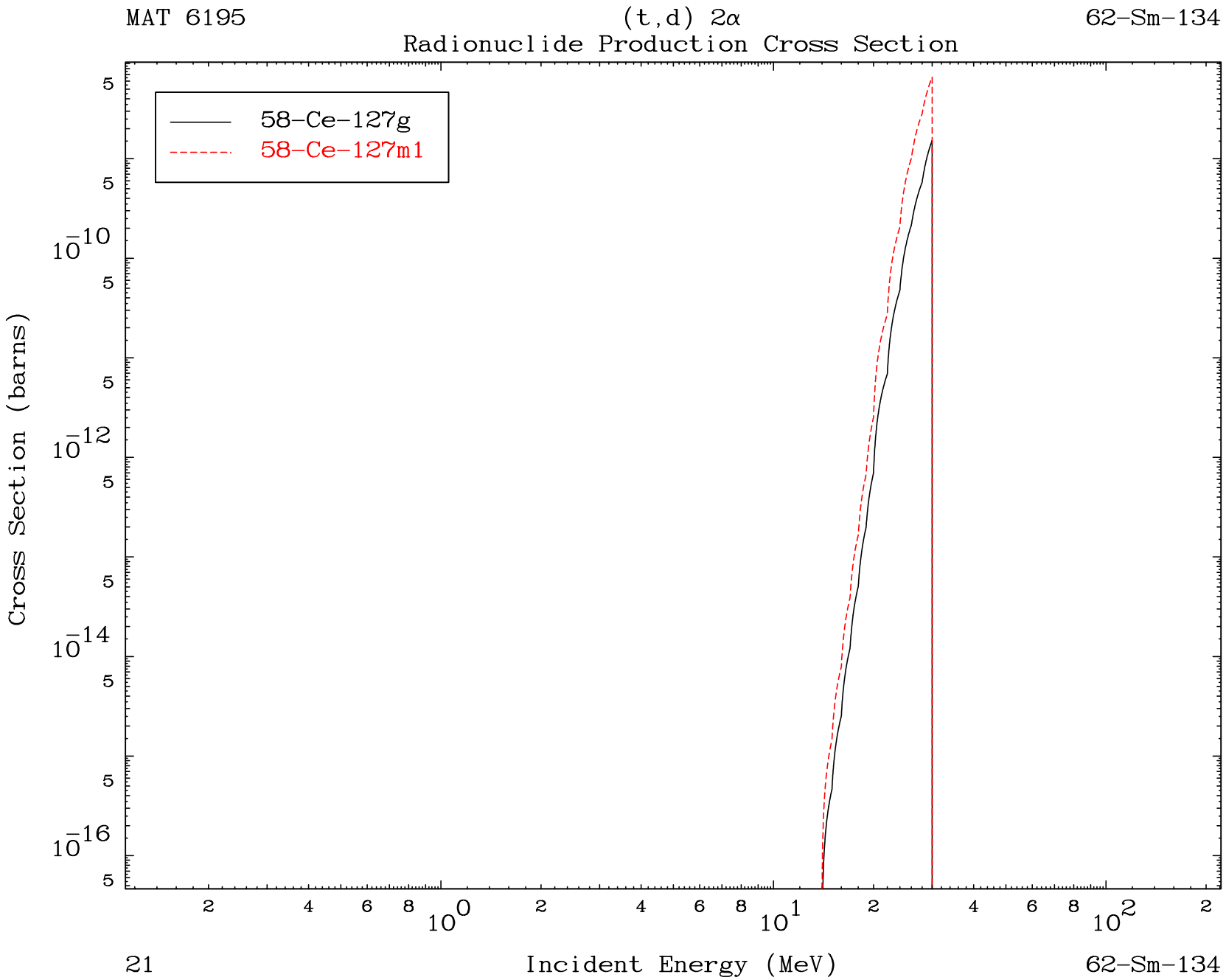

MAT 6195
(t,2n) p
62-Sm-134
Radionuclide Production Cross Section
61-Pm-134g
61-Pm-134m1
Cross Section (barns)
Incident Energy (MeV)
16
62-Sm-134

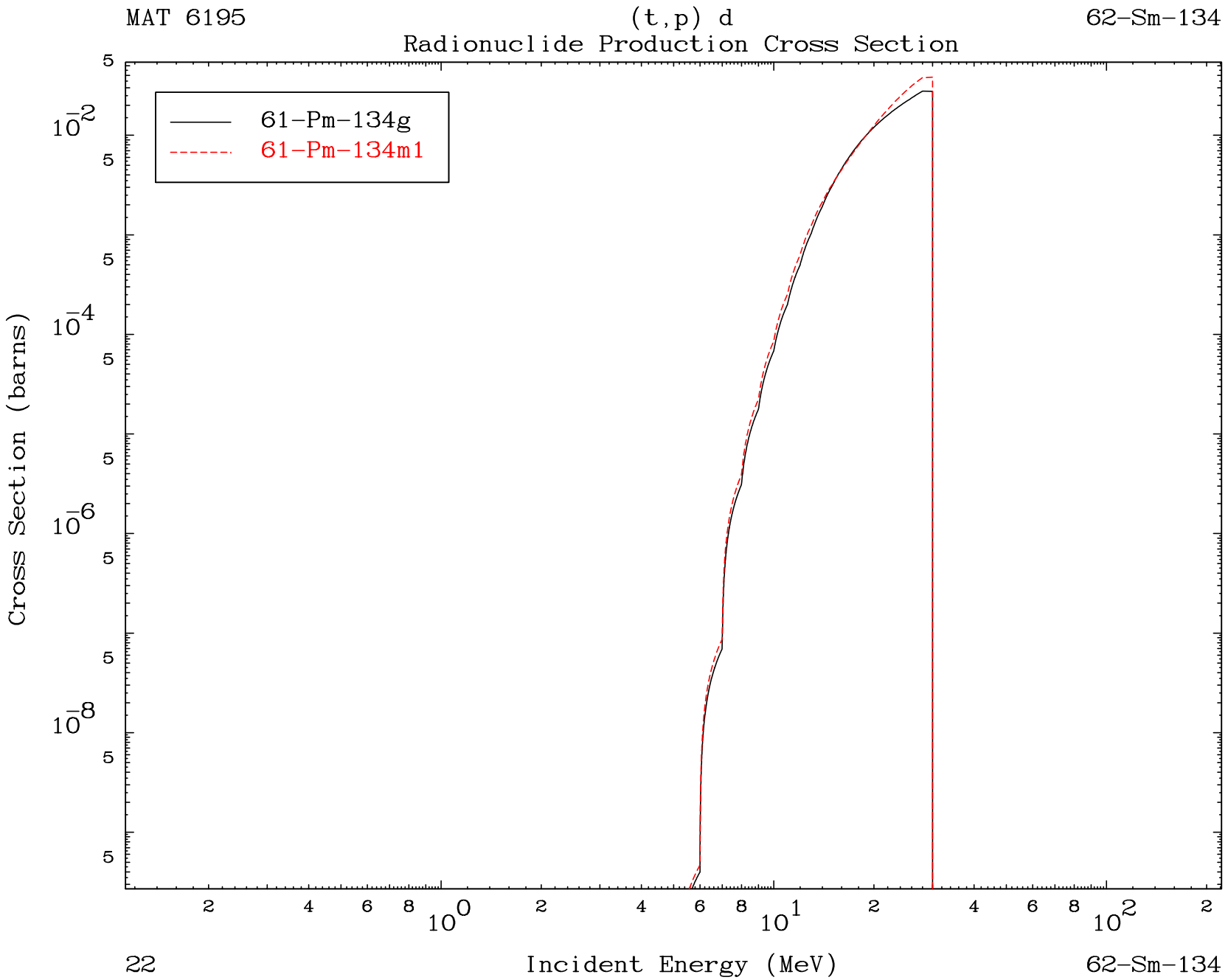

MAT 6195
(t,He-3)
62-Sm-134
Radionuclide Production Cross Section
61-Pm-134g
61-Pm-134m1
Cross Section (barns)
Incident Energy (MeV)
17
62-Sm-134

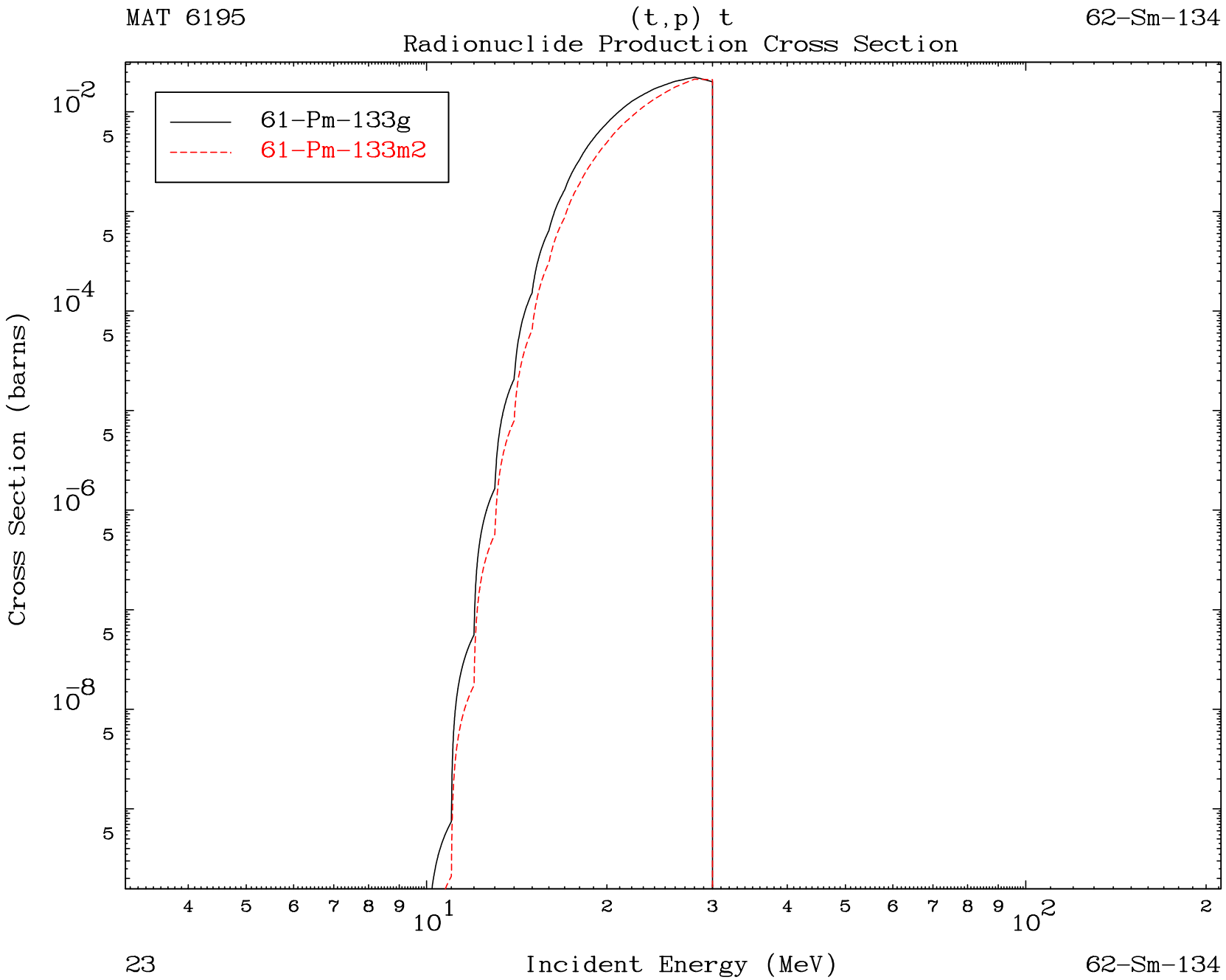

MAT 6195
(t,α)
62-Sm-134
Radionuclide Production Cross Section
61-Pm-133g
61-Pm-133m2
Cross Section (barns)
Incident Energy (MeV)
18
62-Sm-134


MAT 6195
(t,3α)
62-Sm-134
Radionuclide Production Cross Section
57-La-125g
57-La-125m2
Cross Section (barns)
10-8
10-10
10-12
10-14
100
101
102
Incident Energy (MeV)
19
62-Sm-134


MAT 6195
(t,2p)
62-Sm-134
Radionuclide Production Cross Section
61-Pm-135g
61-Pm-135m1
Cross Section (barns)
Incident Energy (MeV)
20
62-Sm-134


MAT 6195
(t,d) 2α
62-Sm-134
Radionuclide Production Cross Section
58-Ce-127g
58-Ce-127m1
Cross Section (barns)
Incident Energy (MeV)
21
62-Sm-134


MAT 6195
(t,p) d
62-Sm-134
Radionuclide Production Cross Section
61-Pm-134g
61-Pm-134m1
Cross Section (barns)
Incident Energy (MeV)
22
62-Sm-134


MAT 6195
(t,p) t
62-Sm-134
Radionuclide Production Cross Section
61-Pm-133g
61-Pm-133m2
Cross Section (barns)
Incident Energy (MeV)
23
62-Sm-134