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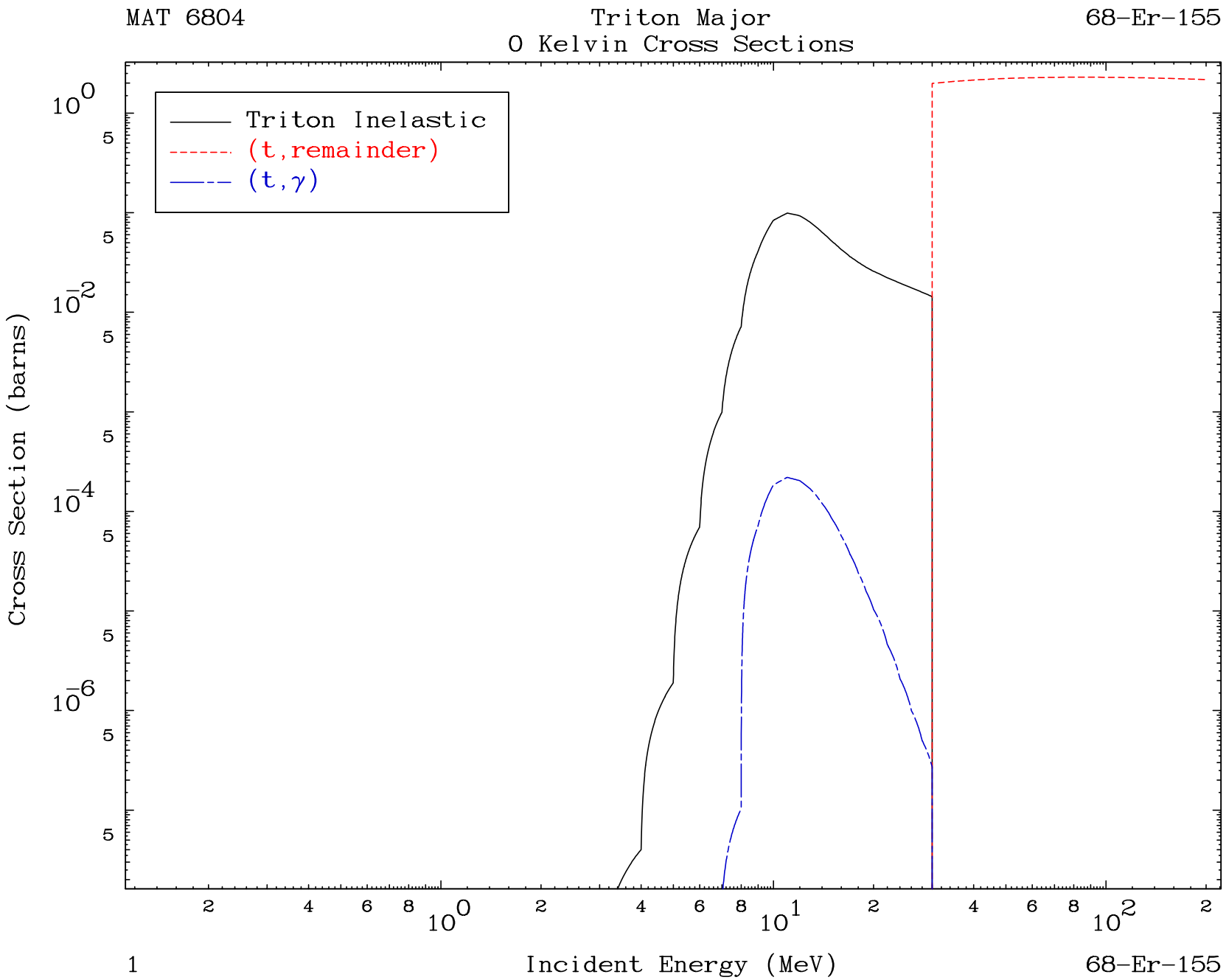
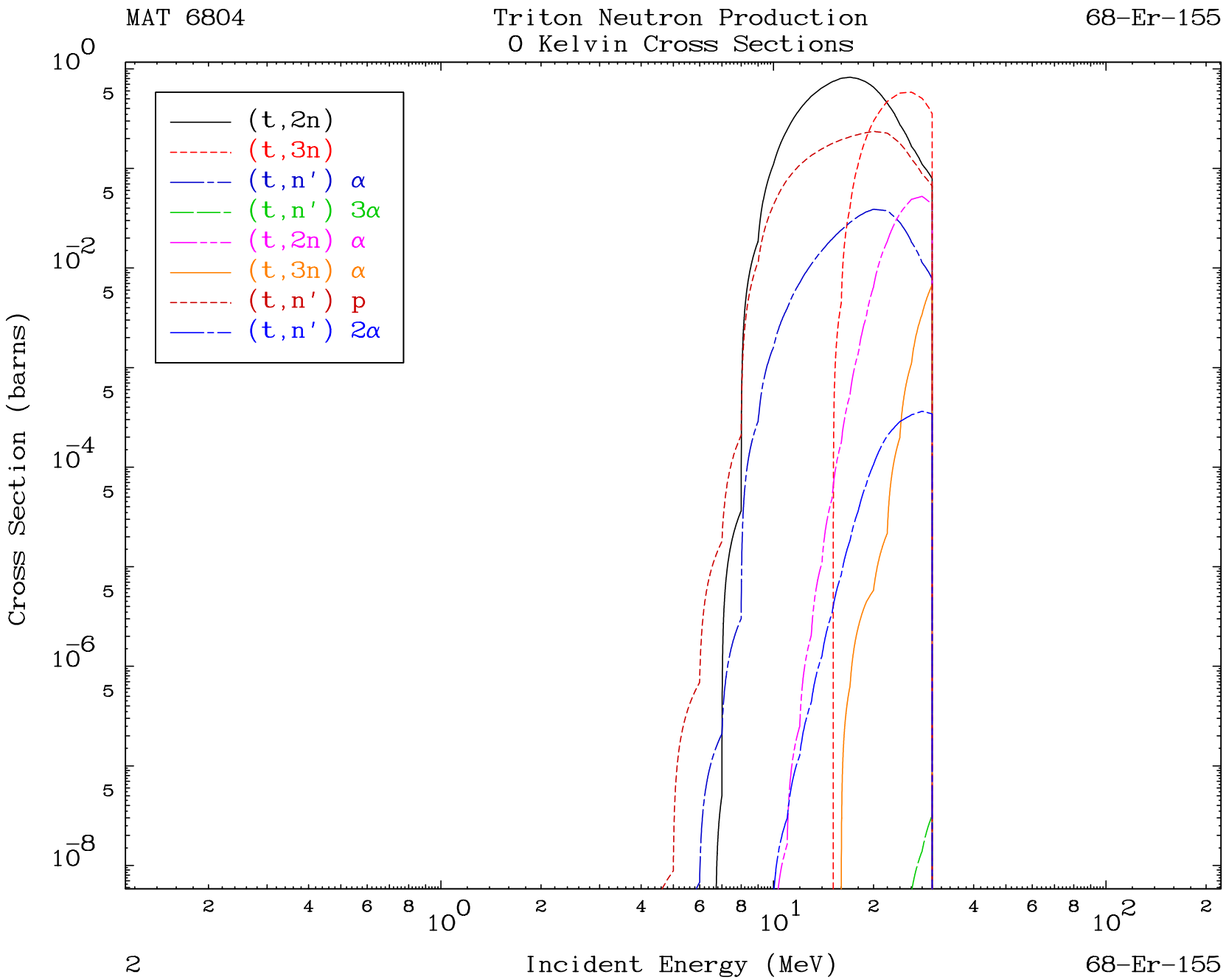
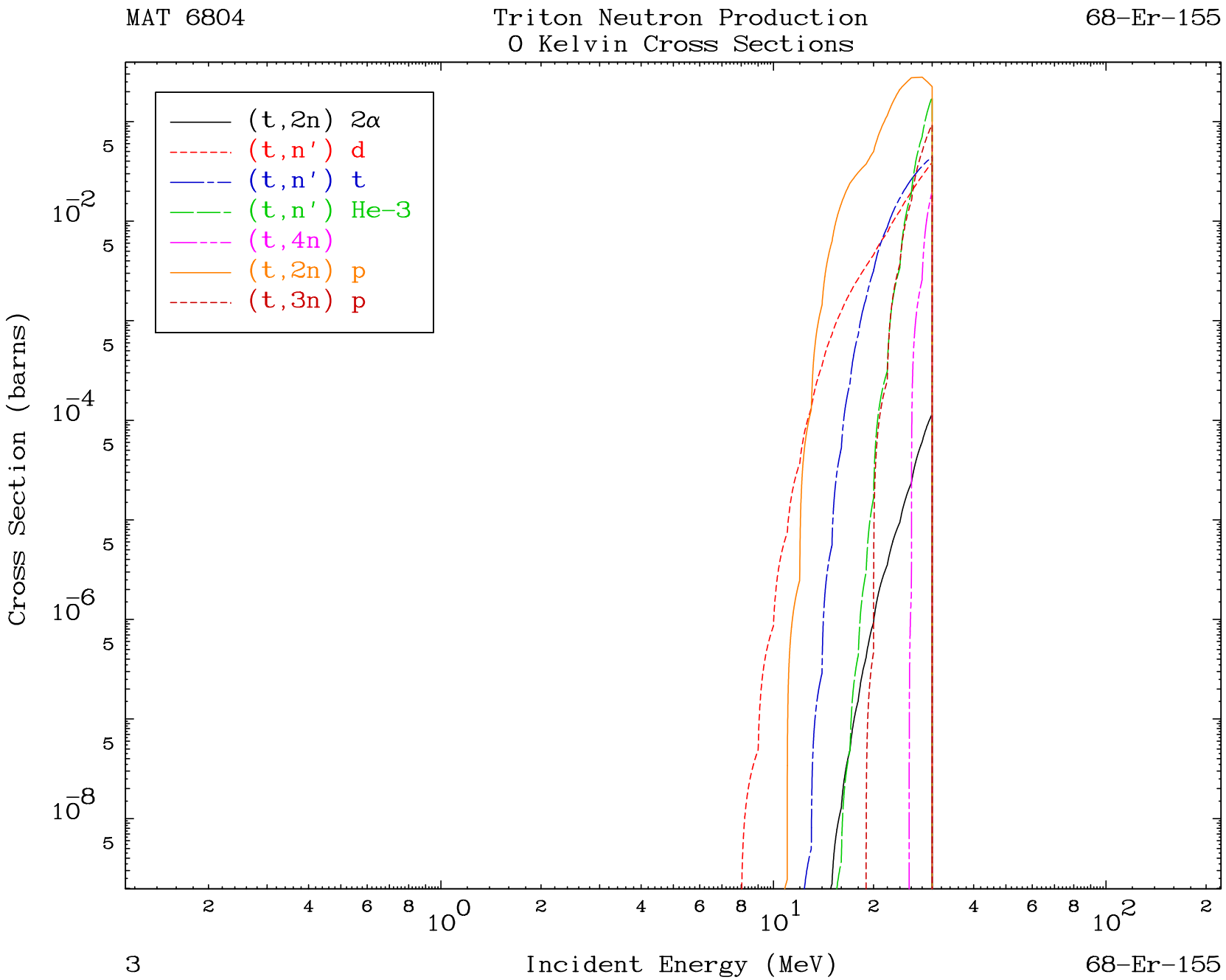
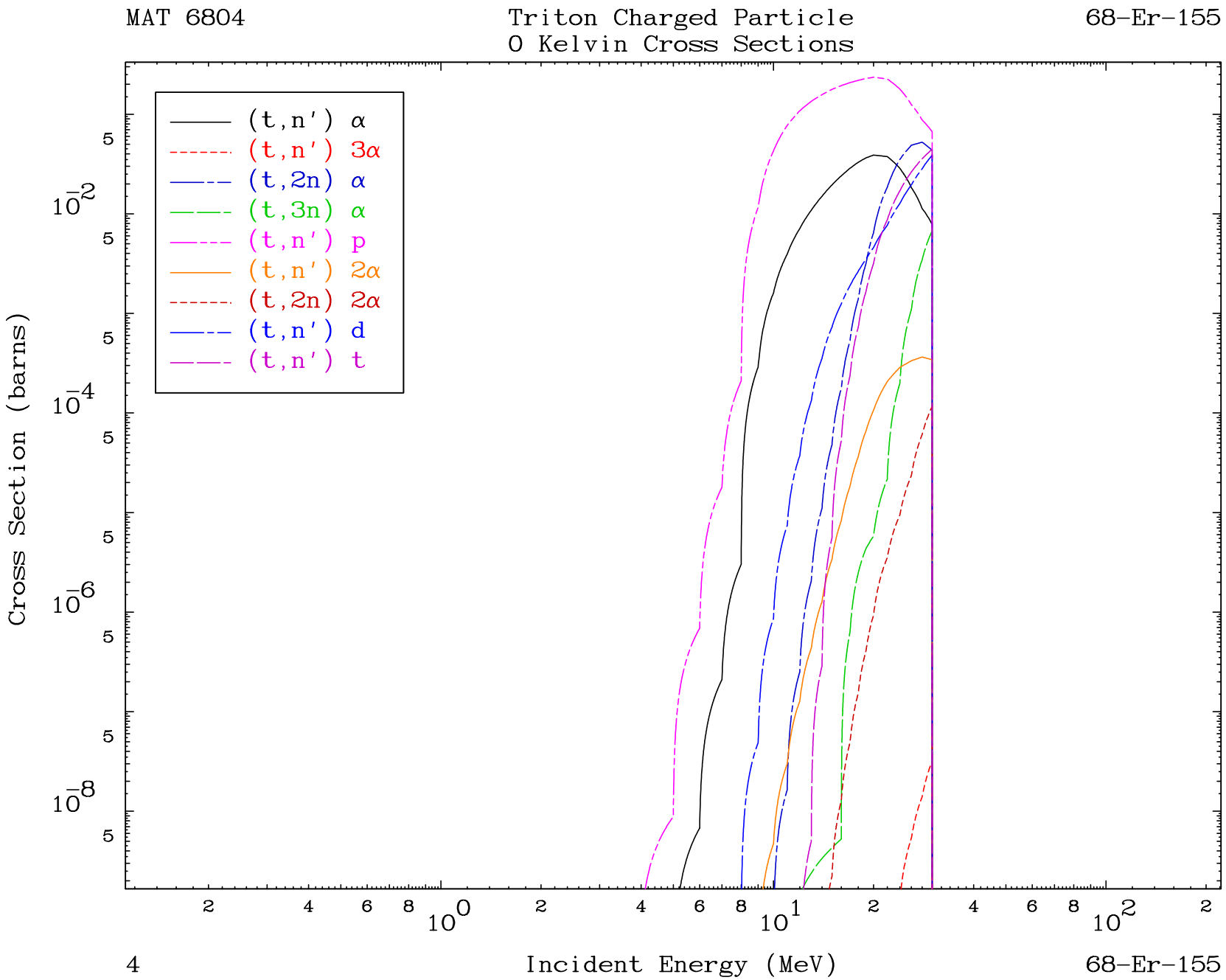
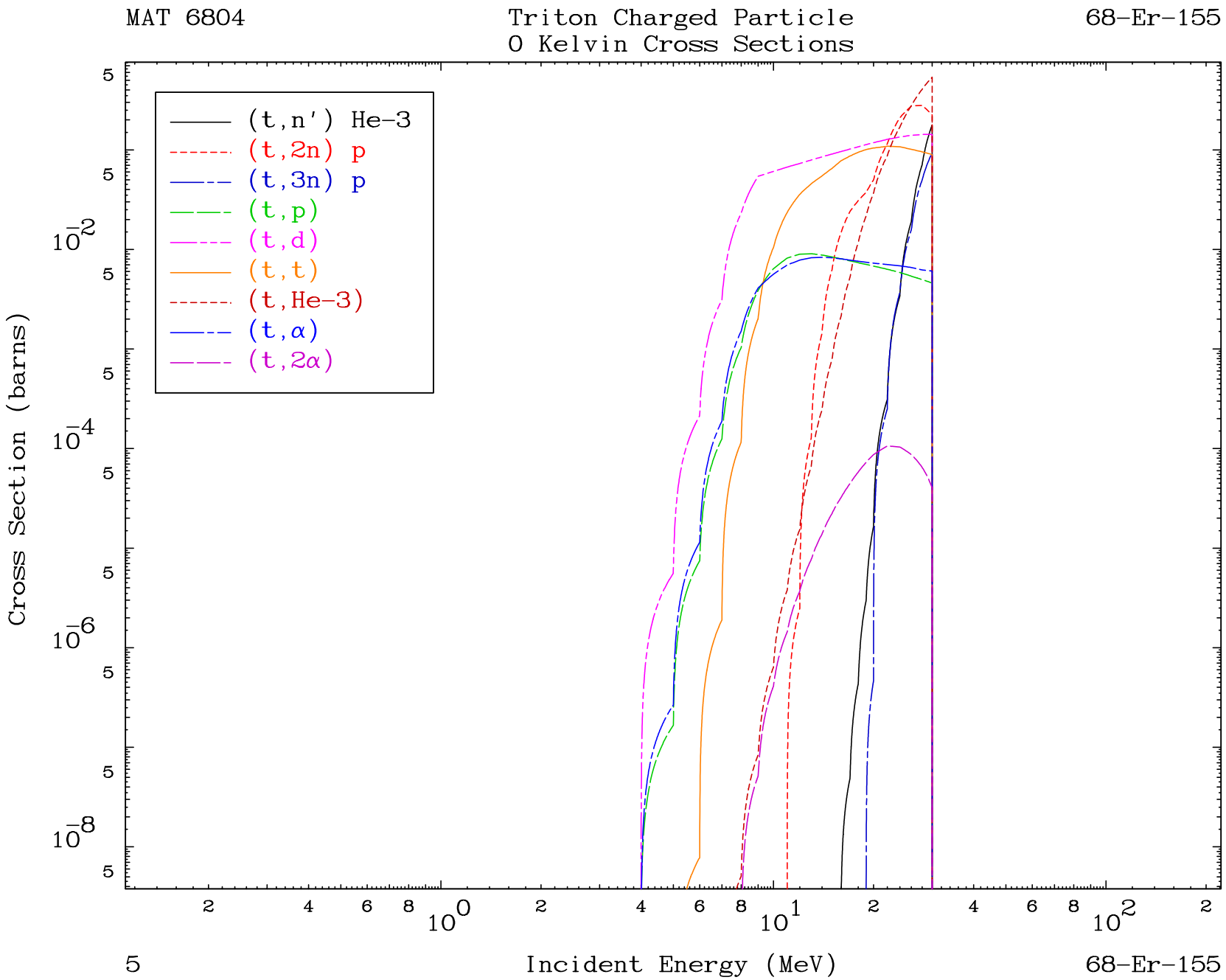
Press Mouse Button to Start

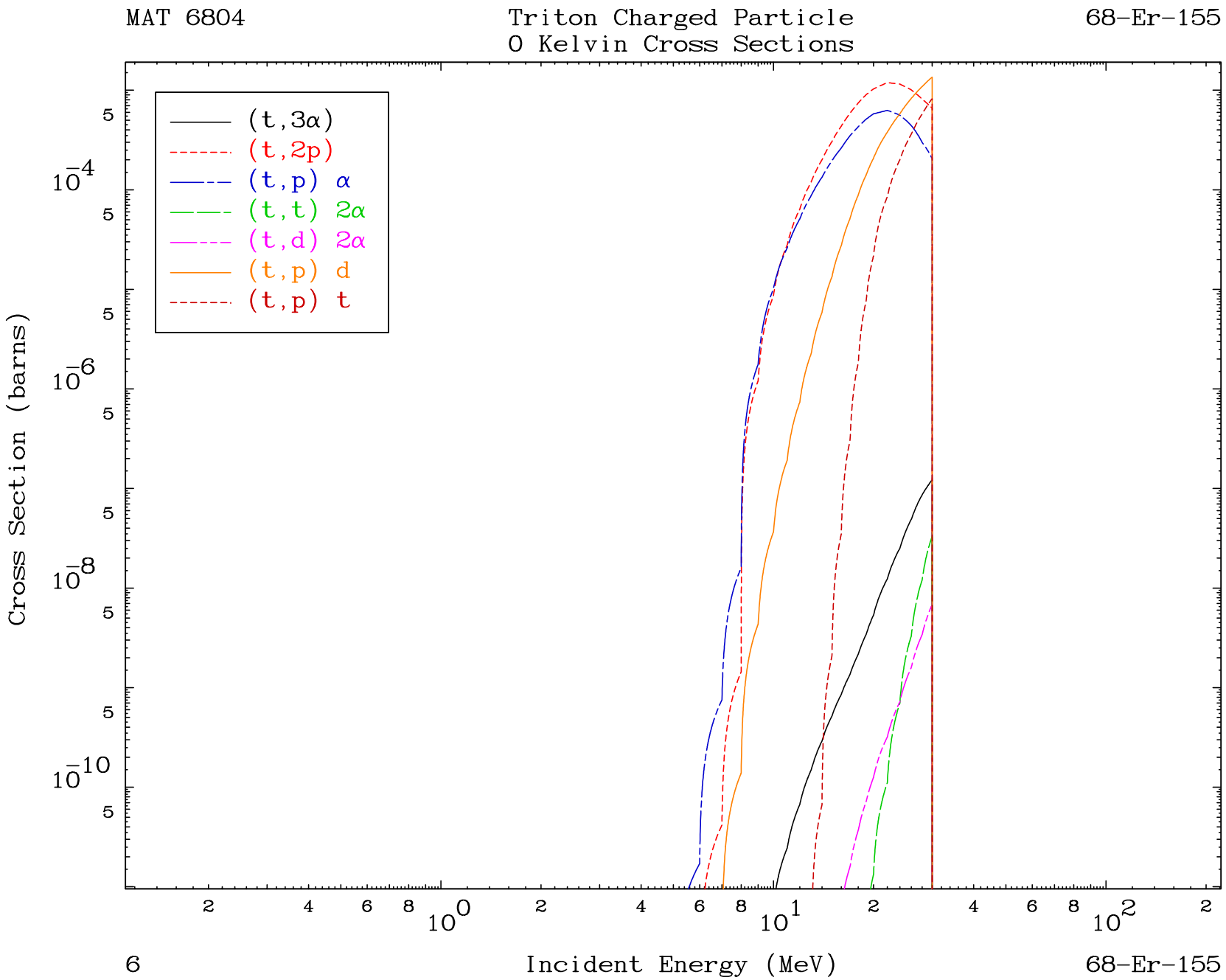

MAT 6804
Triton Major
68-Er-155
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
68-Er-155

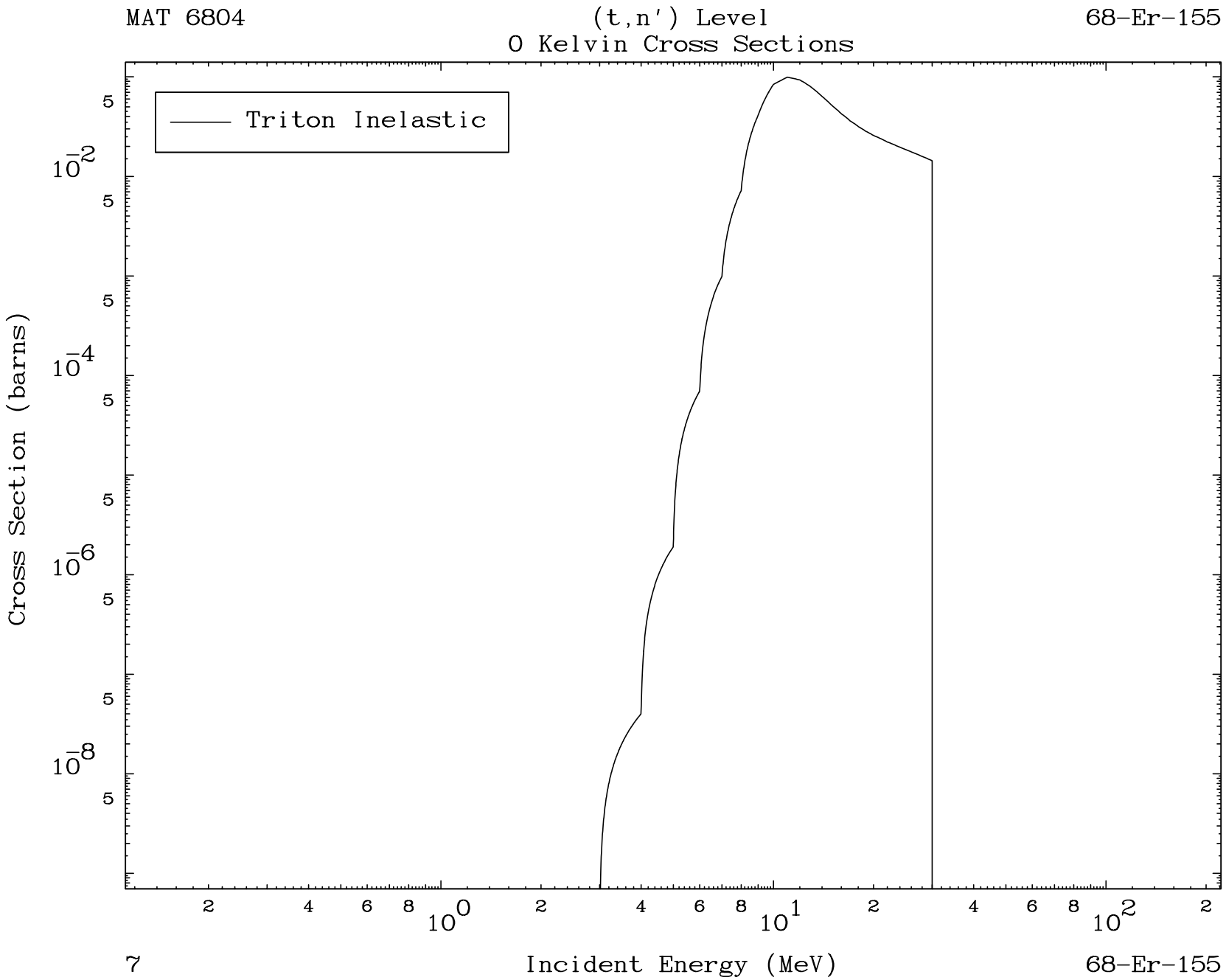

MAT 6804
Triton Neutron Production
0 Kelvin Cross Sections
68-Er-155
(t,2n)
(t,3n)
(t,n') α
(t,n') 3α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
68-Er-155
2

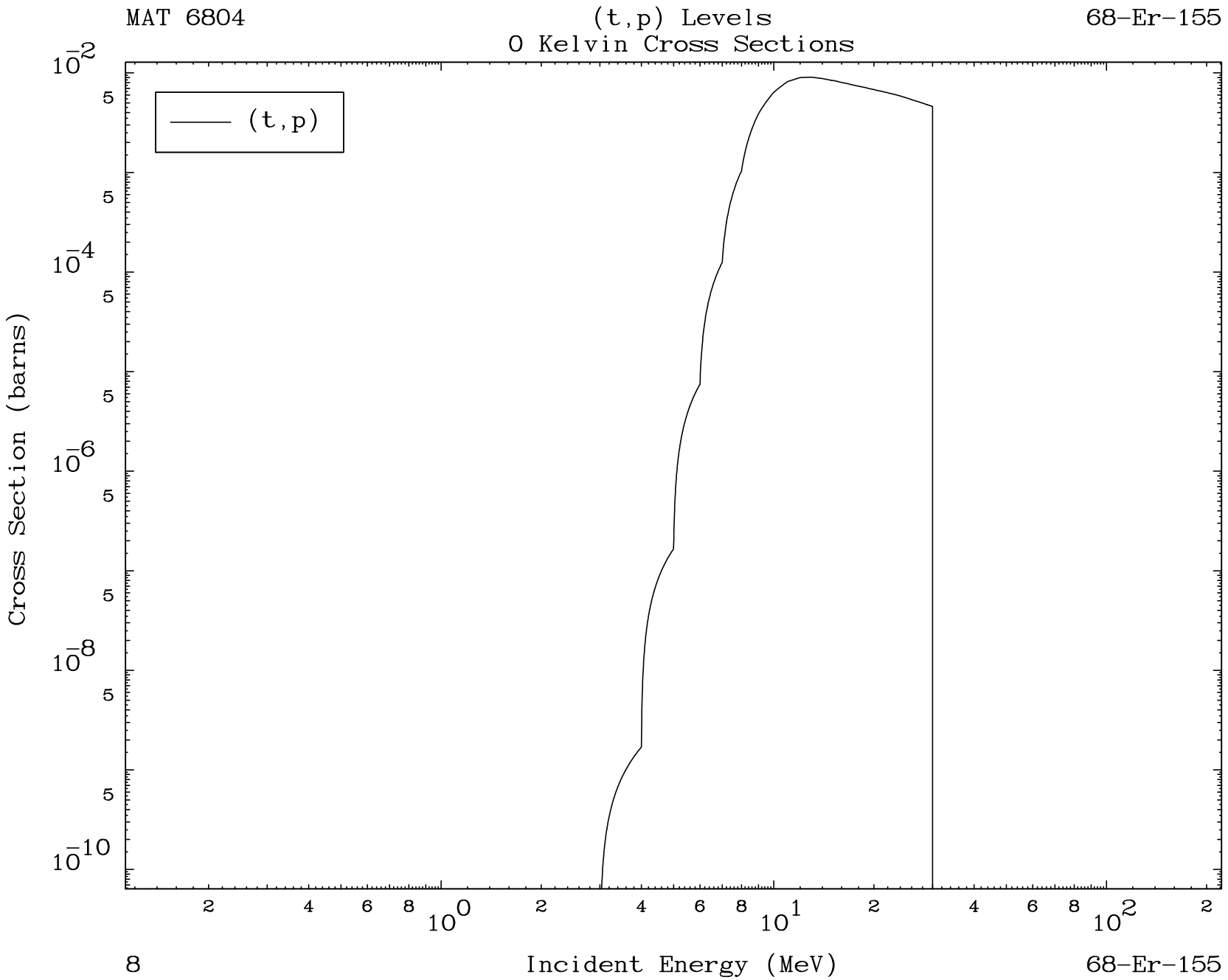

MAT 6804
Triton Neutron Production
0 Kelvin Cross Sections
68-Er-155
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
68-Er-155

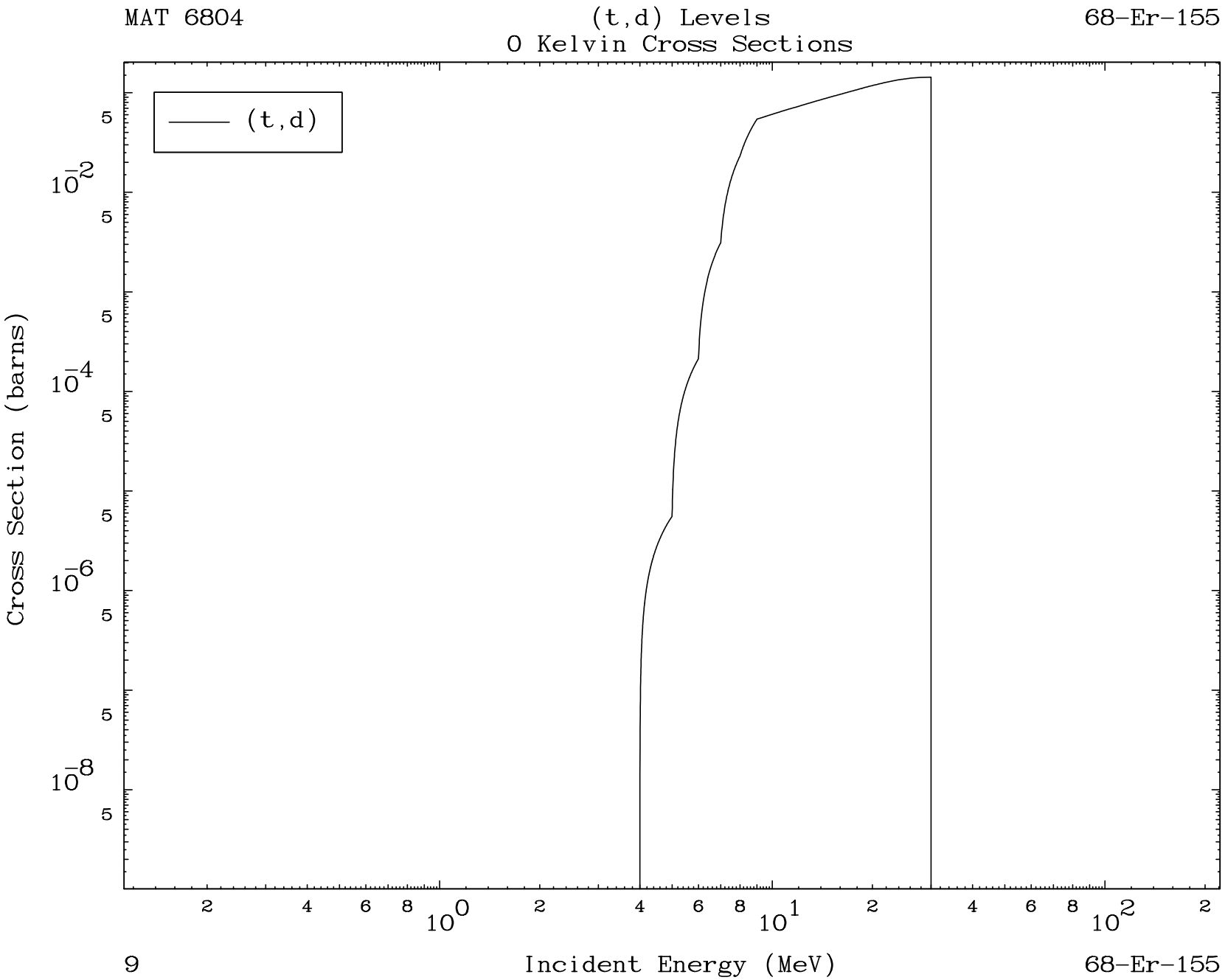

MAT 6804
Triton Charged Particle
0 Kelvin Cross Sections
68-Er-155
(t,n') α
(t,n') 3α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
4
68-Er-155

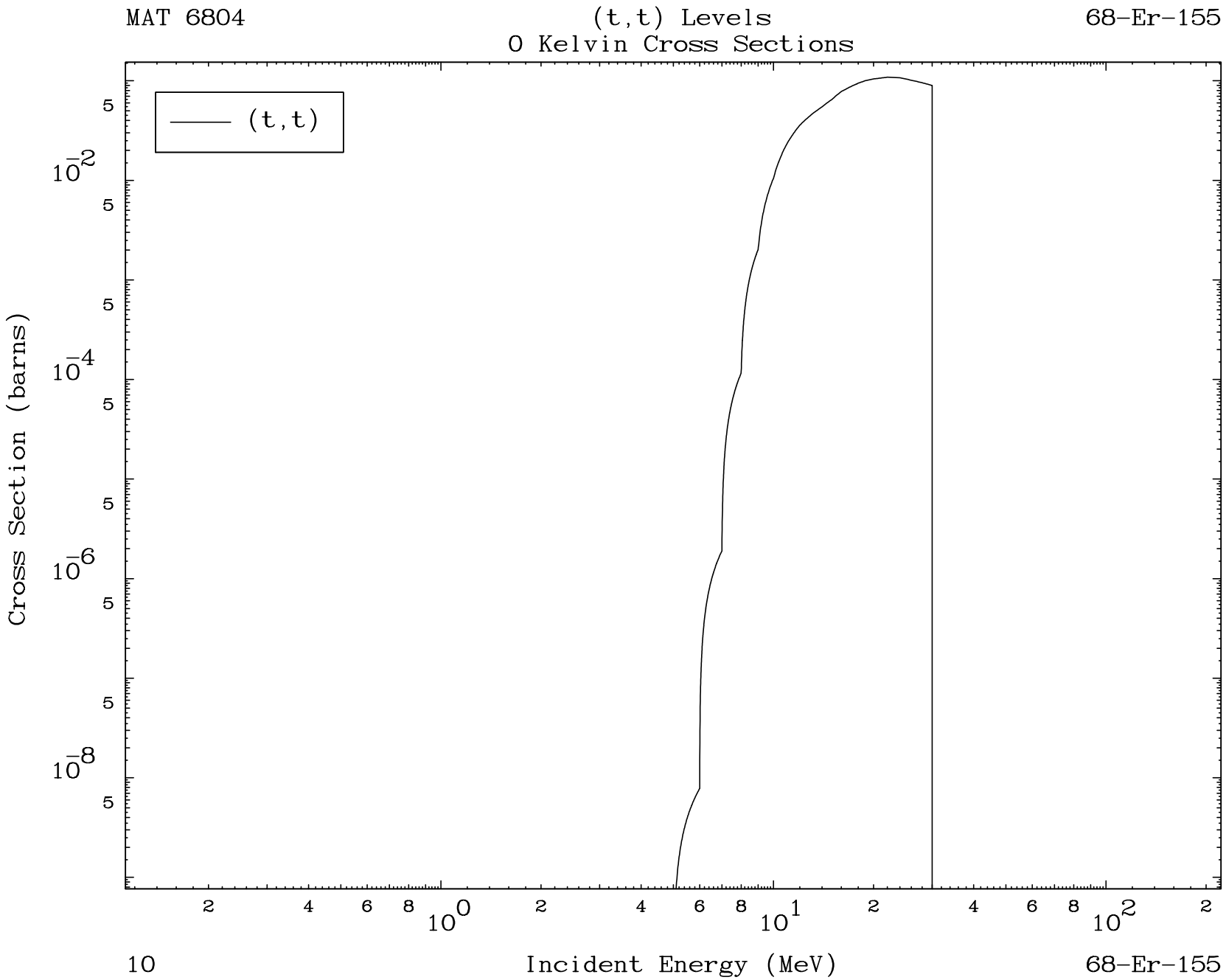

MAT 6804
Triton Charged Particle
0 Kelvin Cross Sections
68-Er-155
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
Cross Section (barns)
Incident Energy (MeV)
68-Er-155

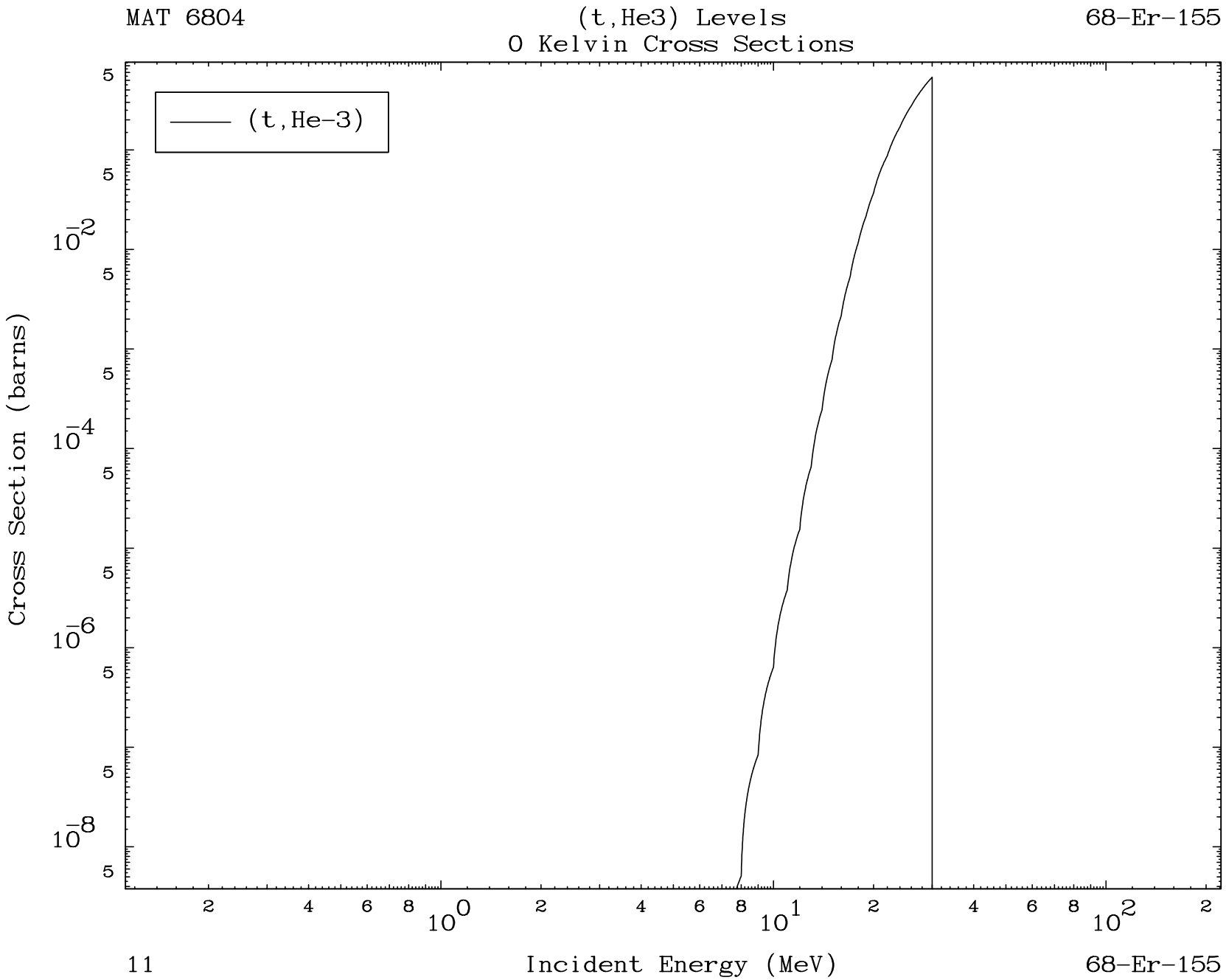

MAT 6804
Triton Charged Particle
0 Kelvin Cross Sections
68-Er-155
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
10-4
10-6
10-8
10-10
10^0
10^1
10^2
Incident Energy (MeV)
6
68-Er-155

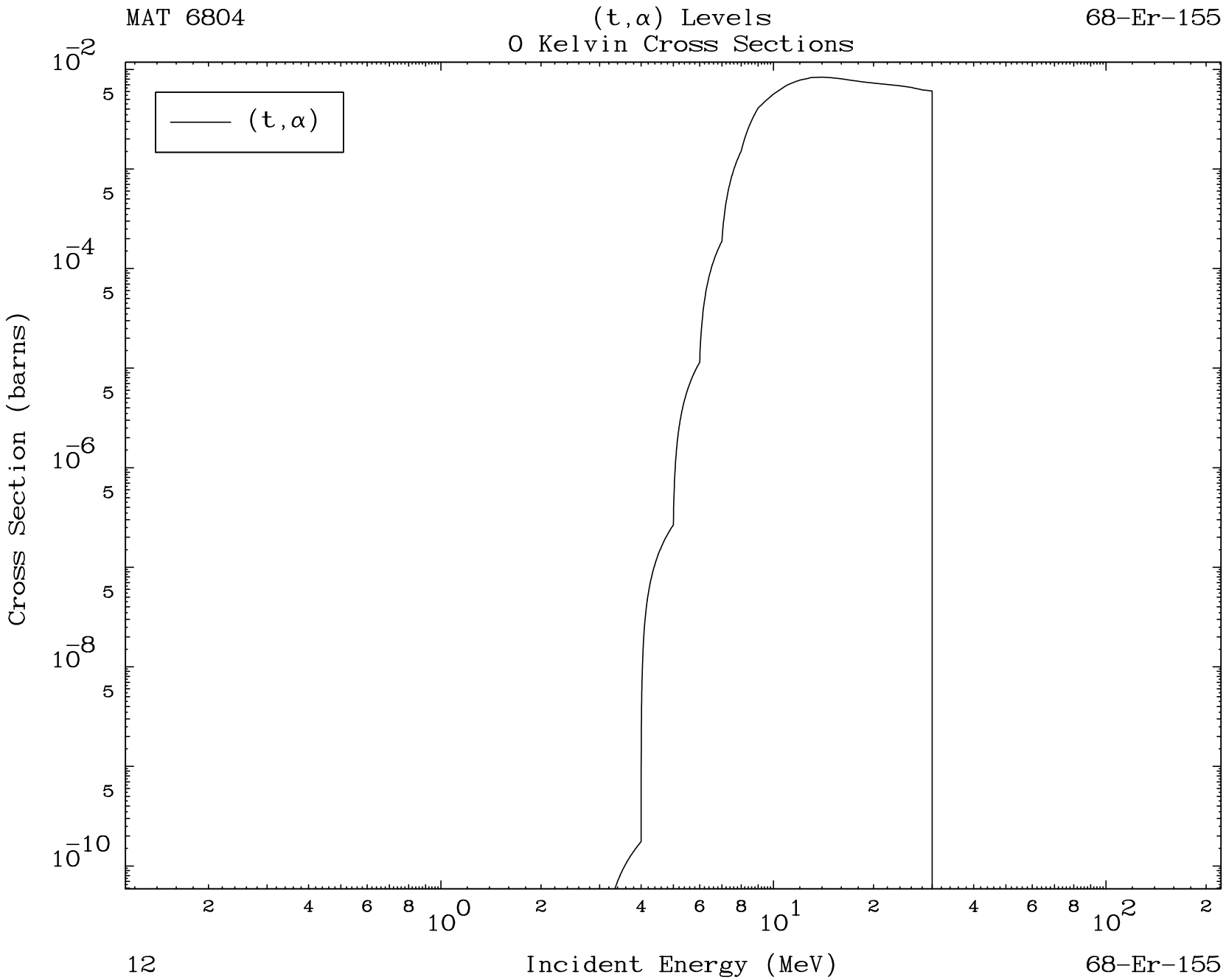

MAT 6804
(t,n') Level
68-Er-155
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
68-Er-155

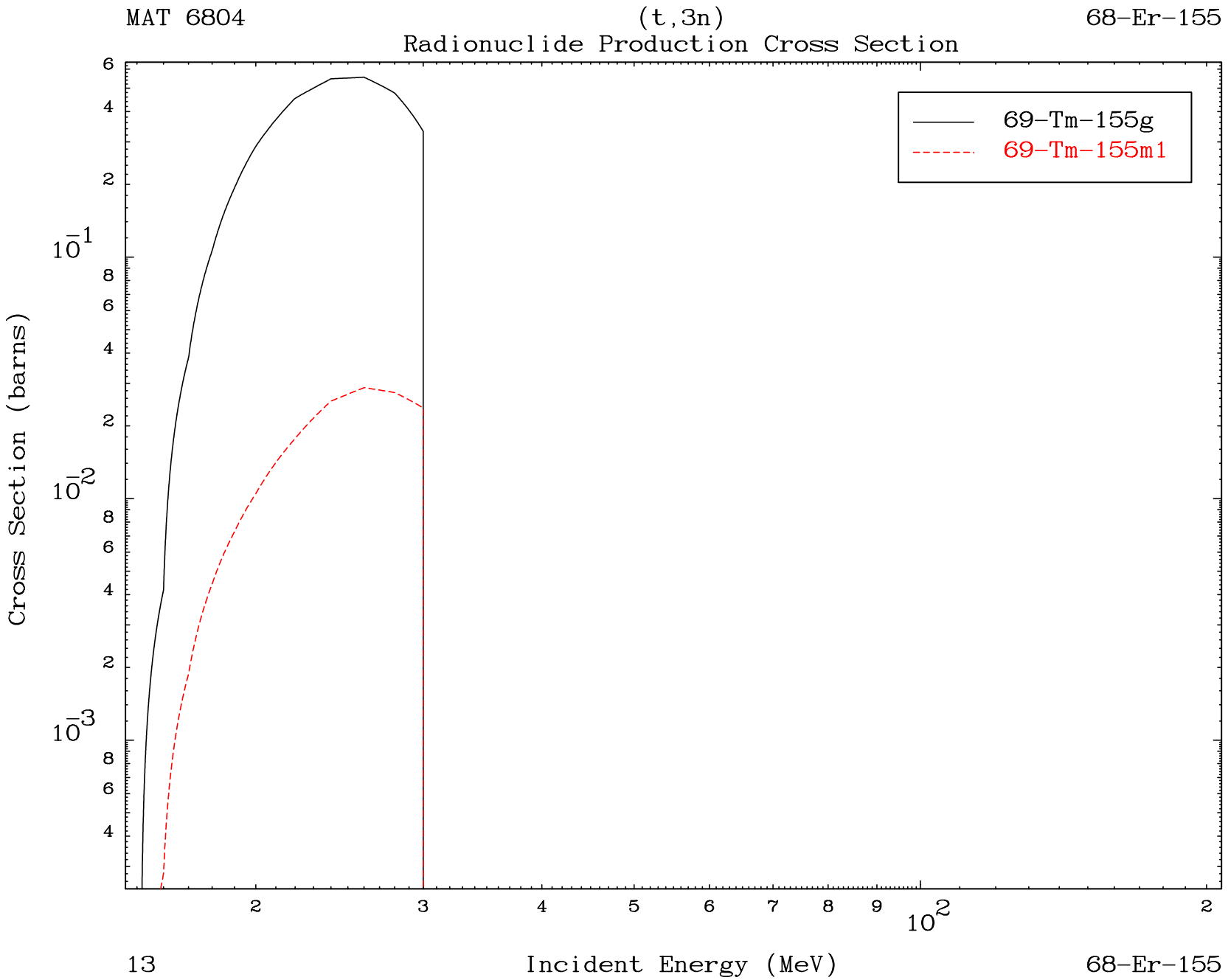

MAT 6804
(t,p) Levels
68-Er-155
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
8
68-Er-155

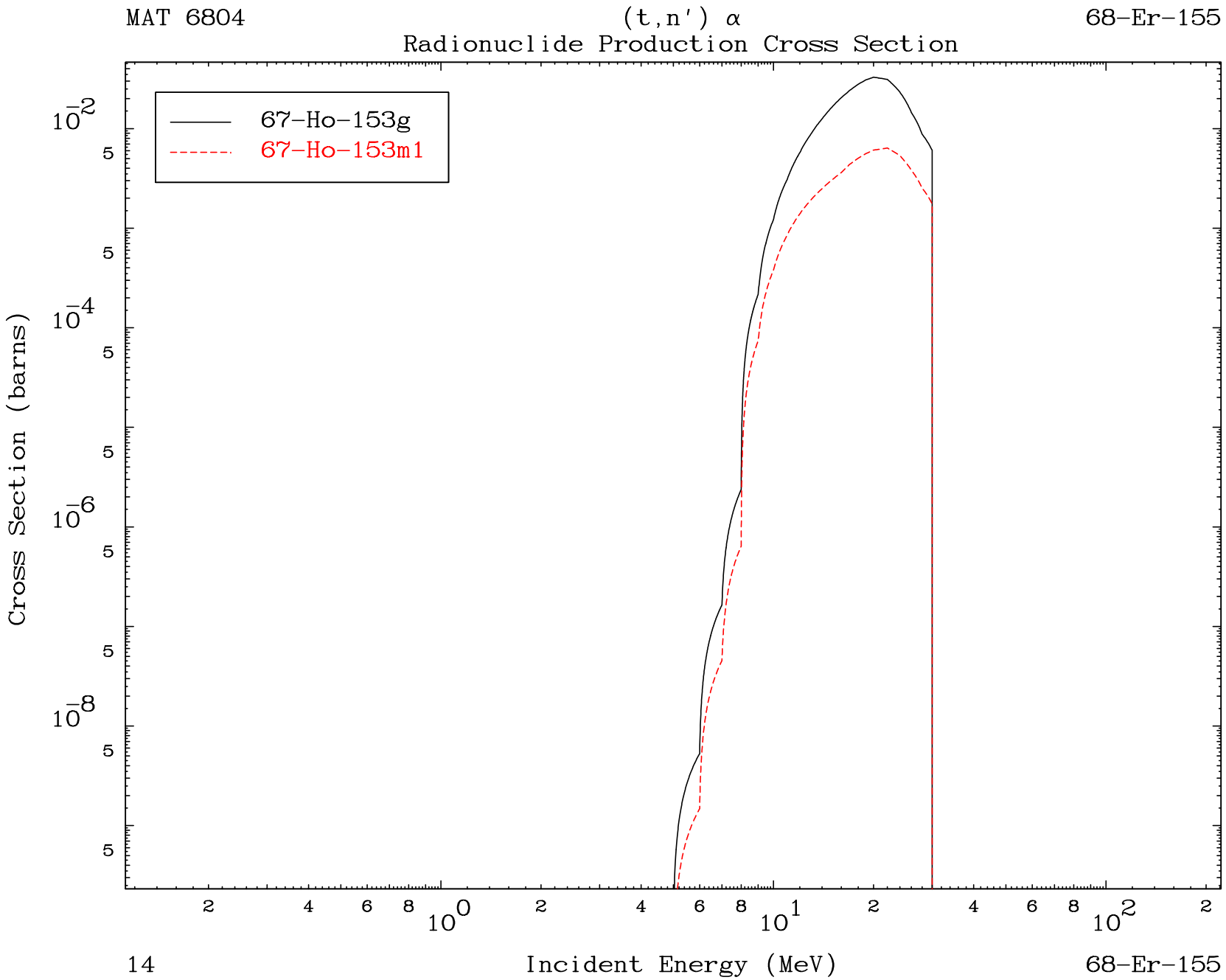

MAT 6804
(t,d) Levels
68-Er-155
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
68-Er-155

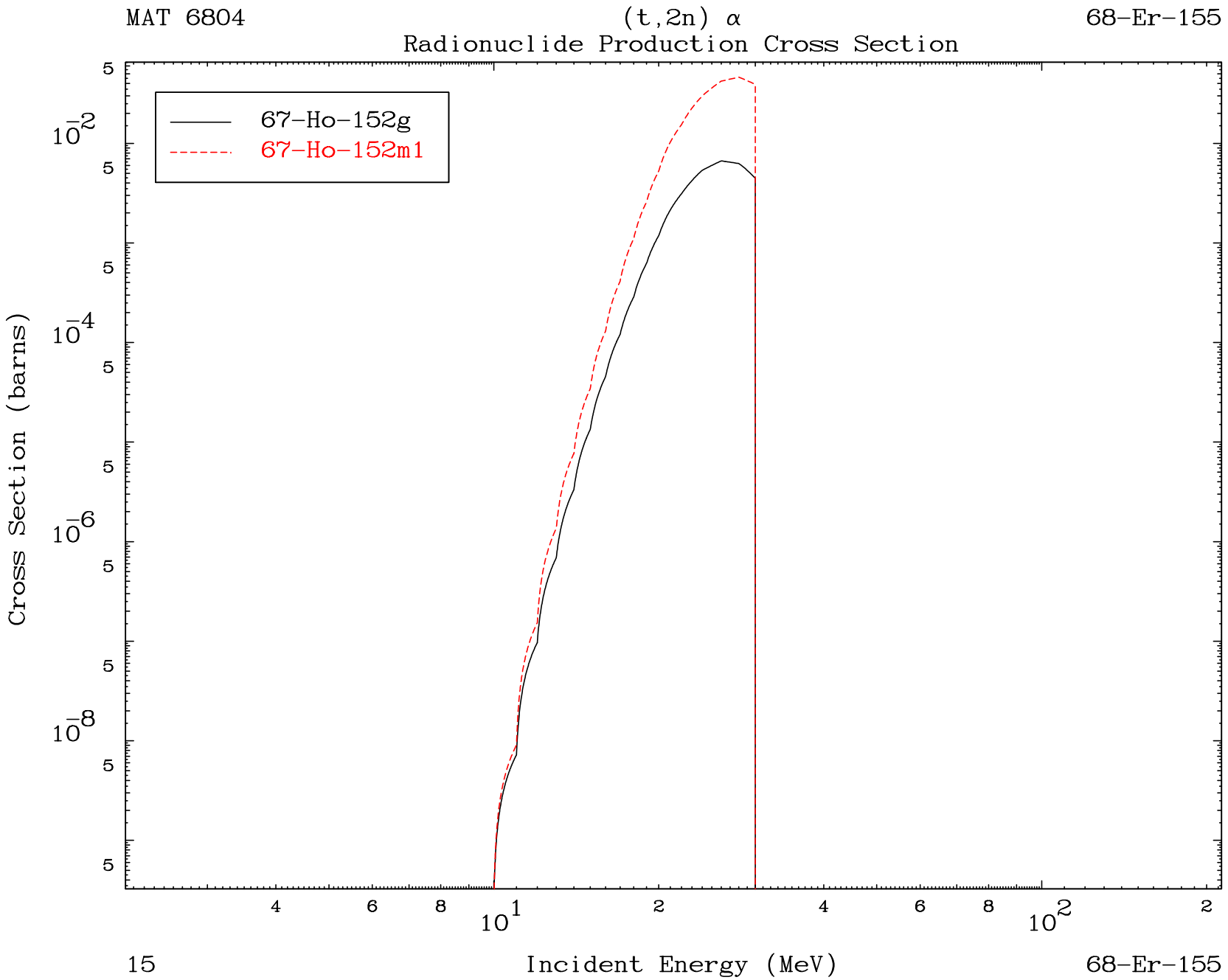

MAT 6804
(t,t) Levels
68-Er-155
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
68-Er-155

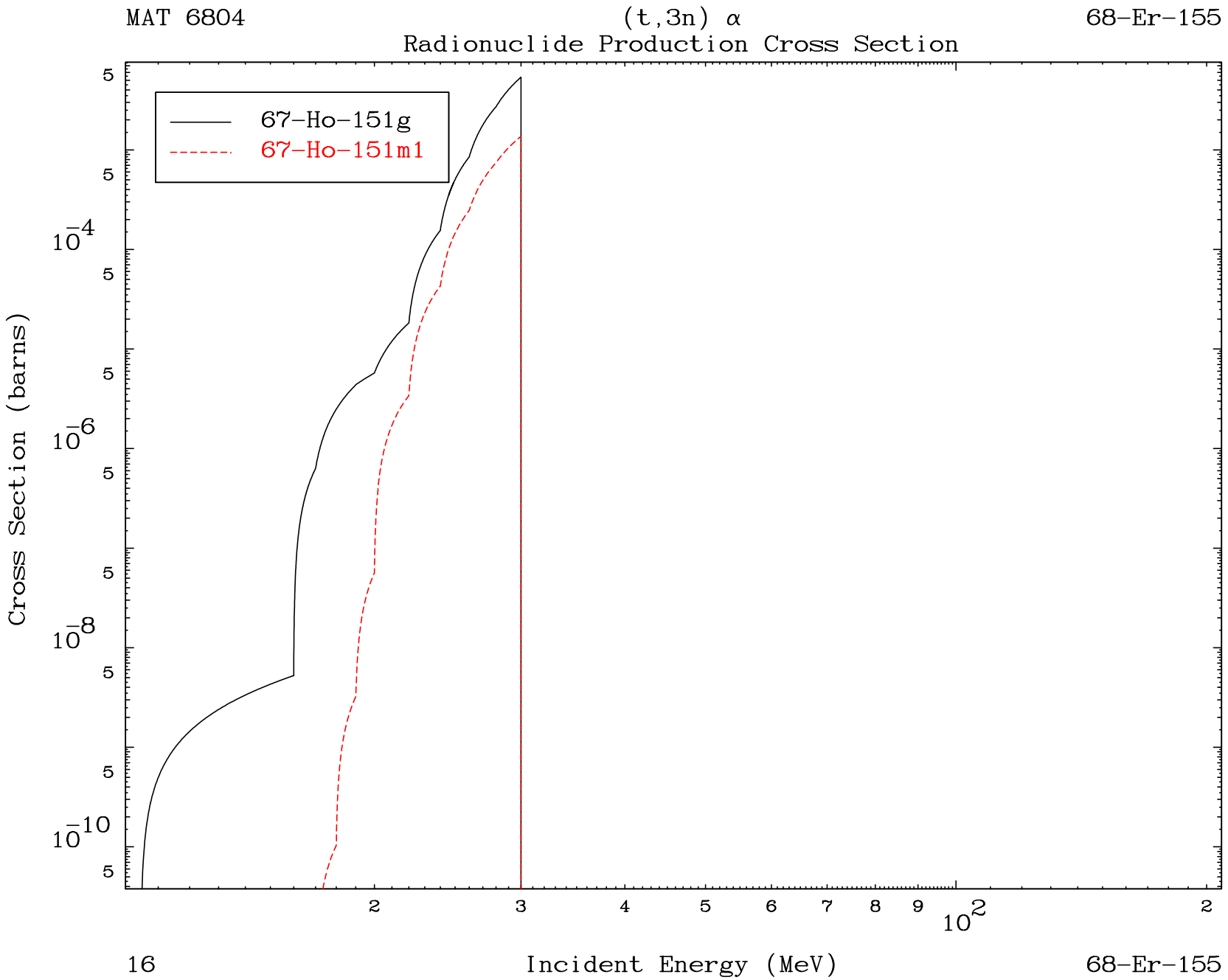

MAT 6804
(t,He3) Levels
68-Er-155
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
68-Er-155

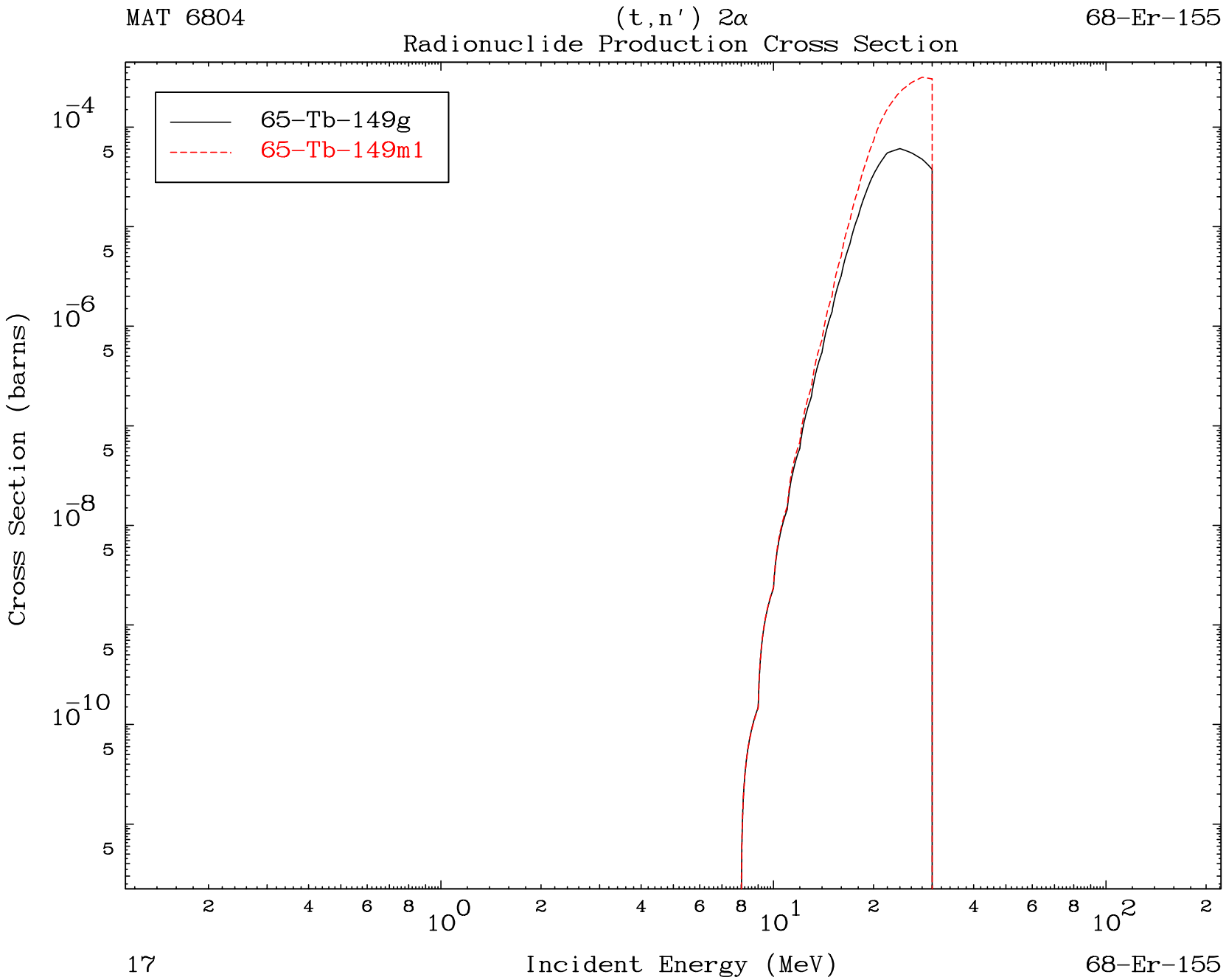

MAT 6804
(t,α) Levels
68-Er-155
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
12
68-Er-155

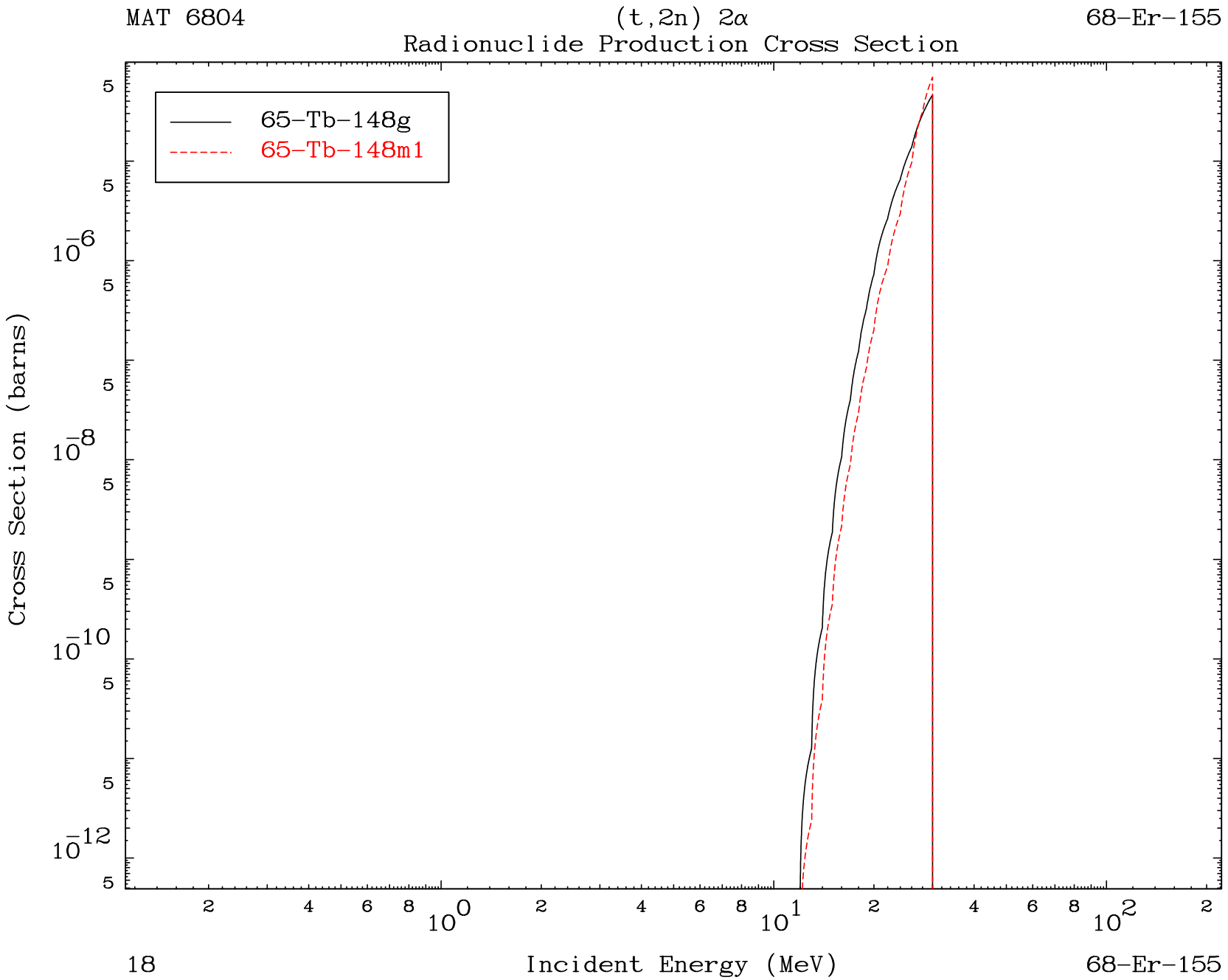

MAT 6804
(t,3n)
68-Er-155
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
13
68-Er-155

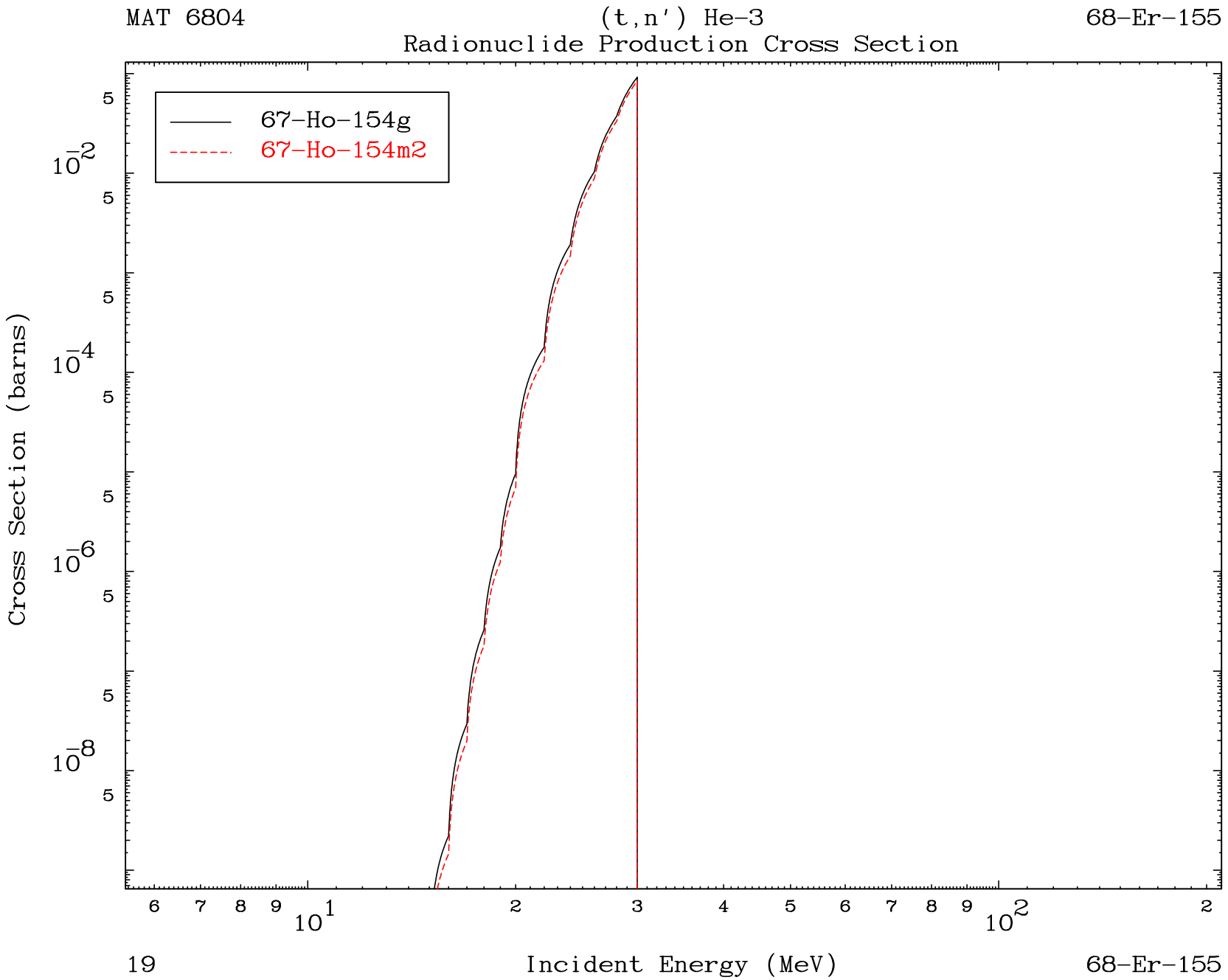

MAT 6804
(t,n') α
68-Er-155
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
14
68-Er-155

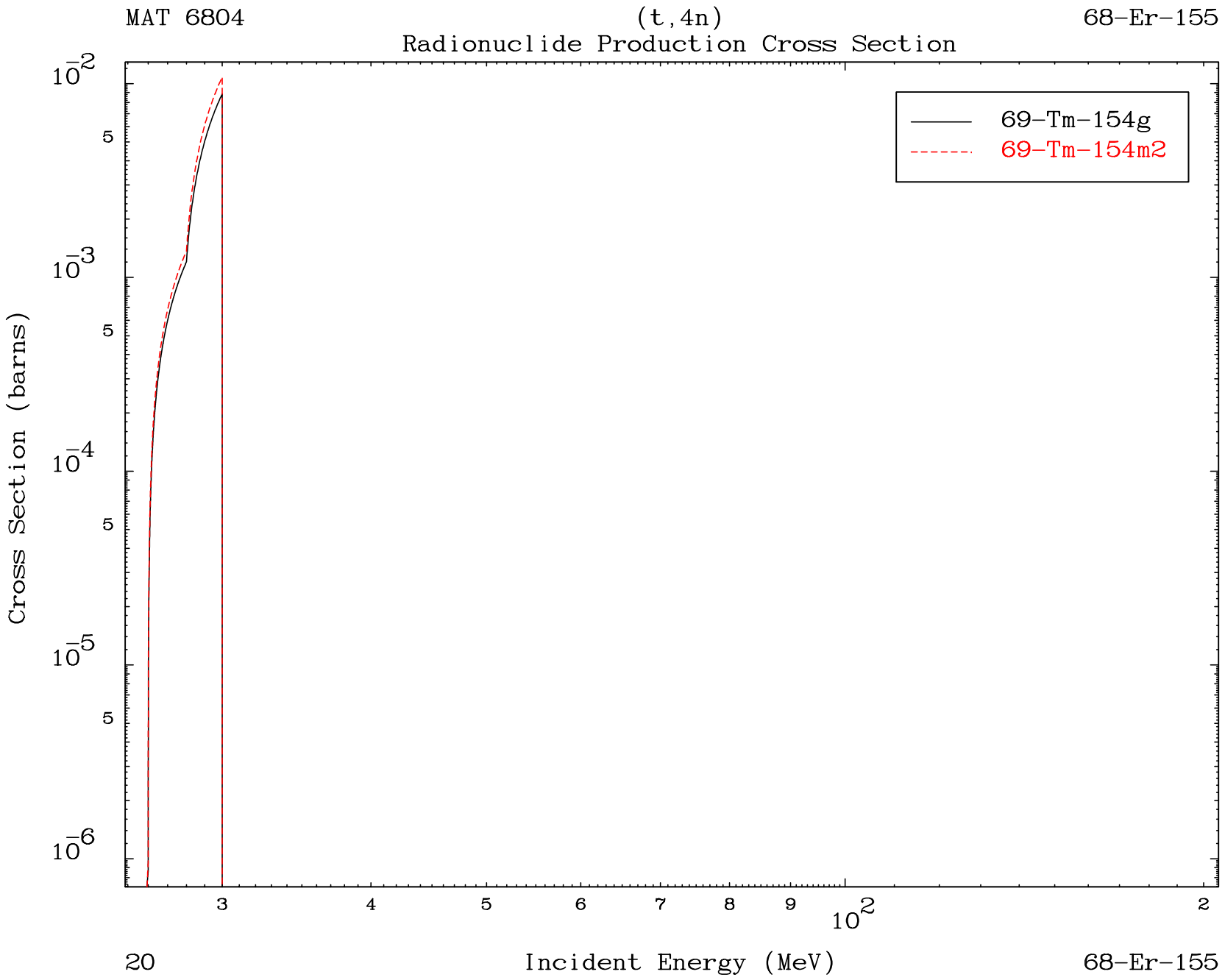

MAT 6804
(t,2n) α
68-Er-155
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
Incident Energy (MeV)
15
68-Er-155

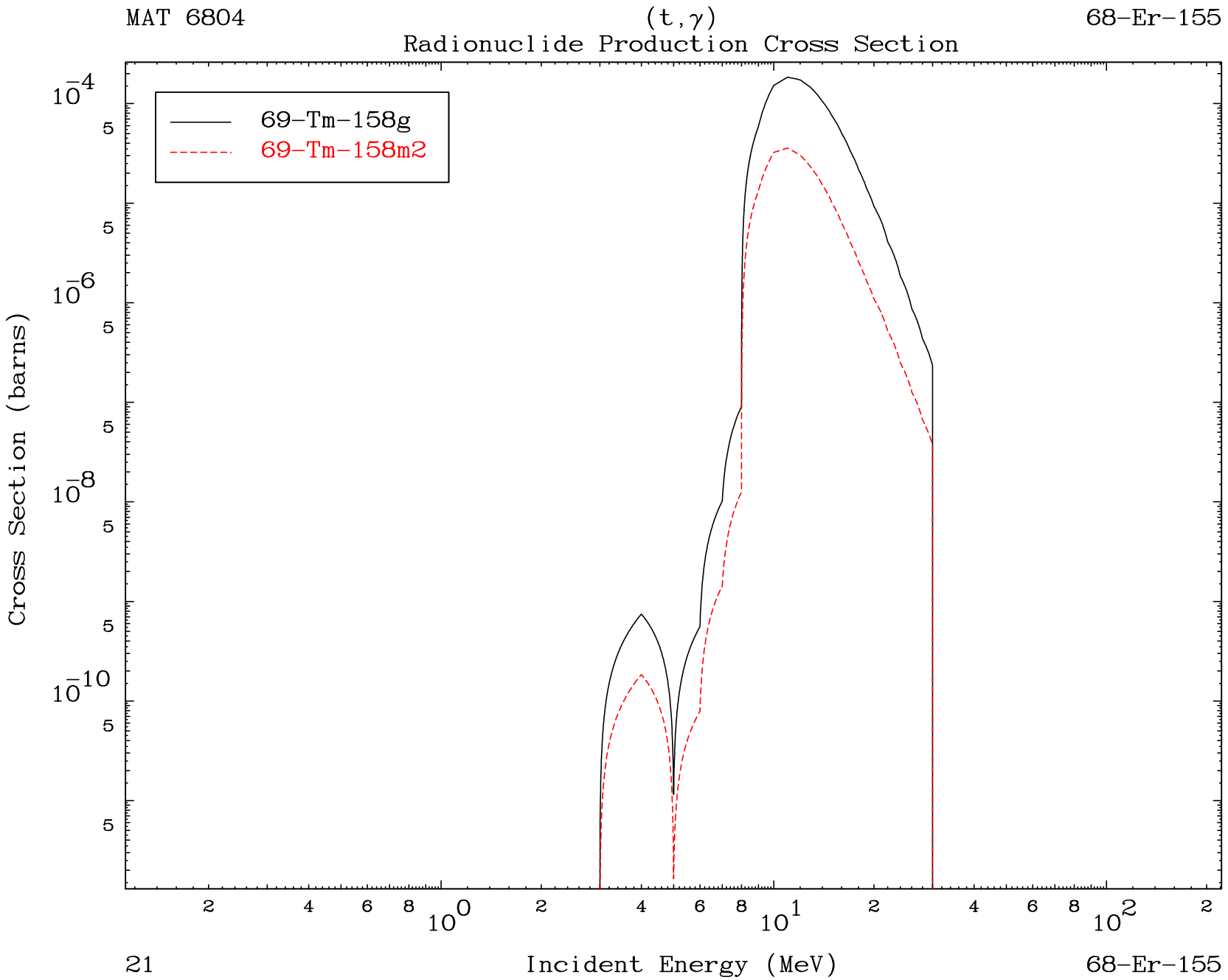

MAT 6804
(t,3n) α
68-Er-155
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
Incident Energy (MeV)
16
68-Er-155

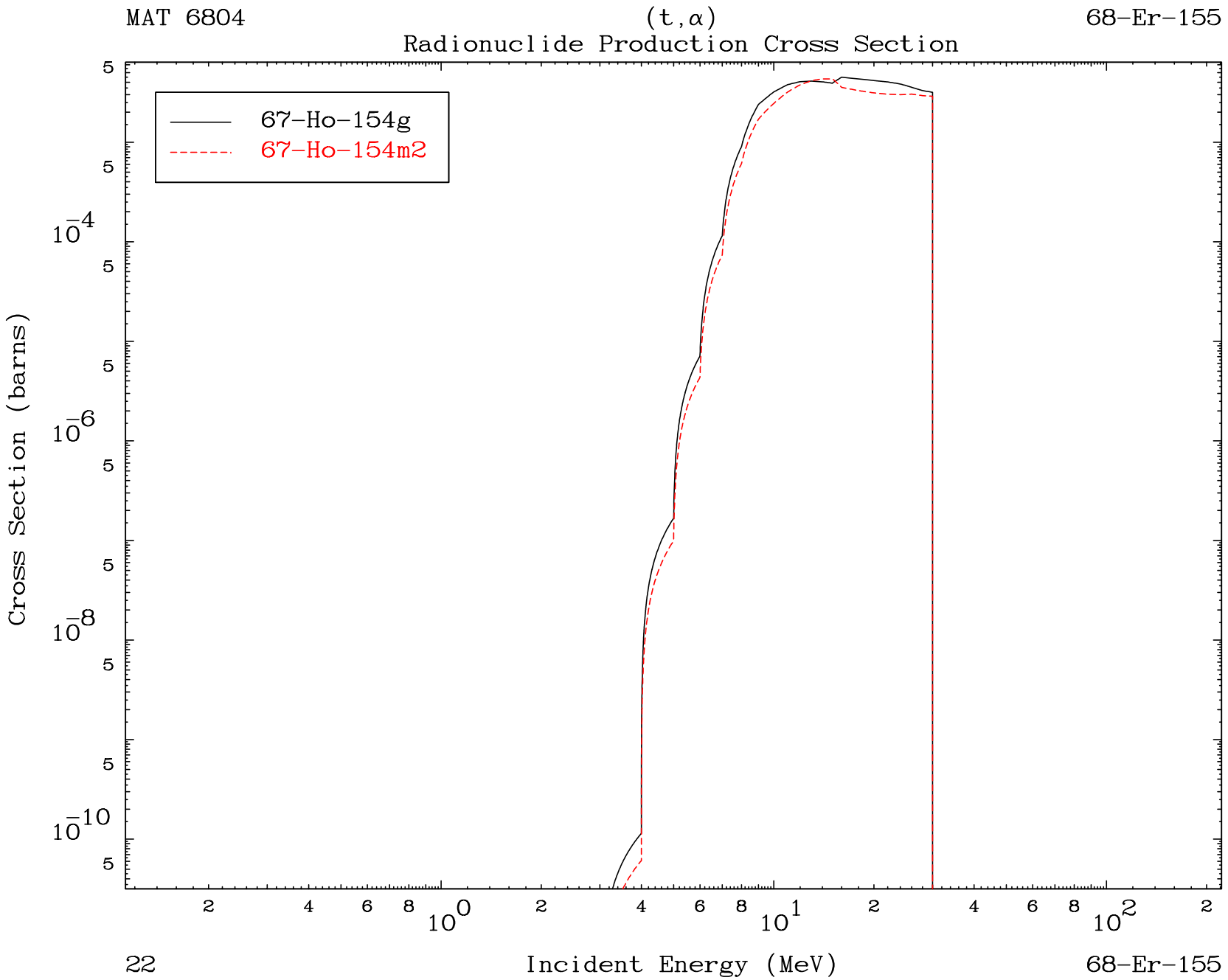

MAT 6804
(t,n') 2α
68-Er-155
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
17
68-Er-155

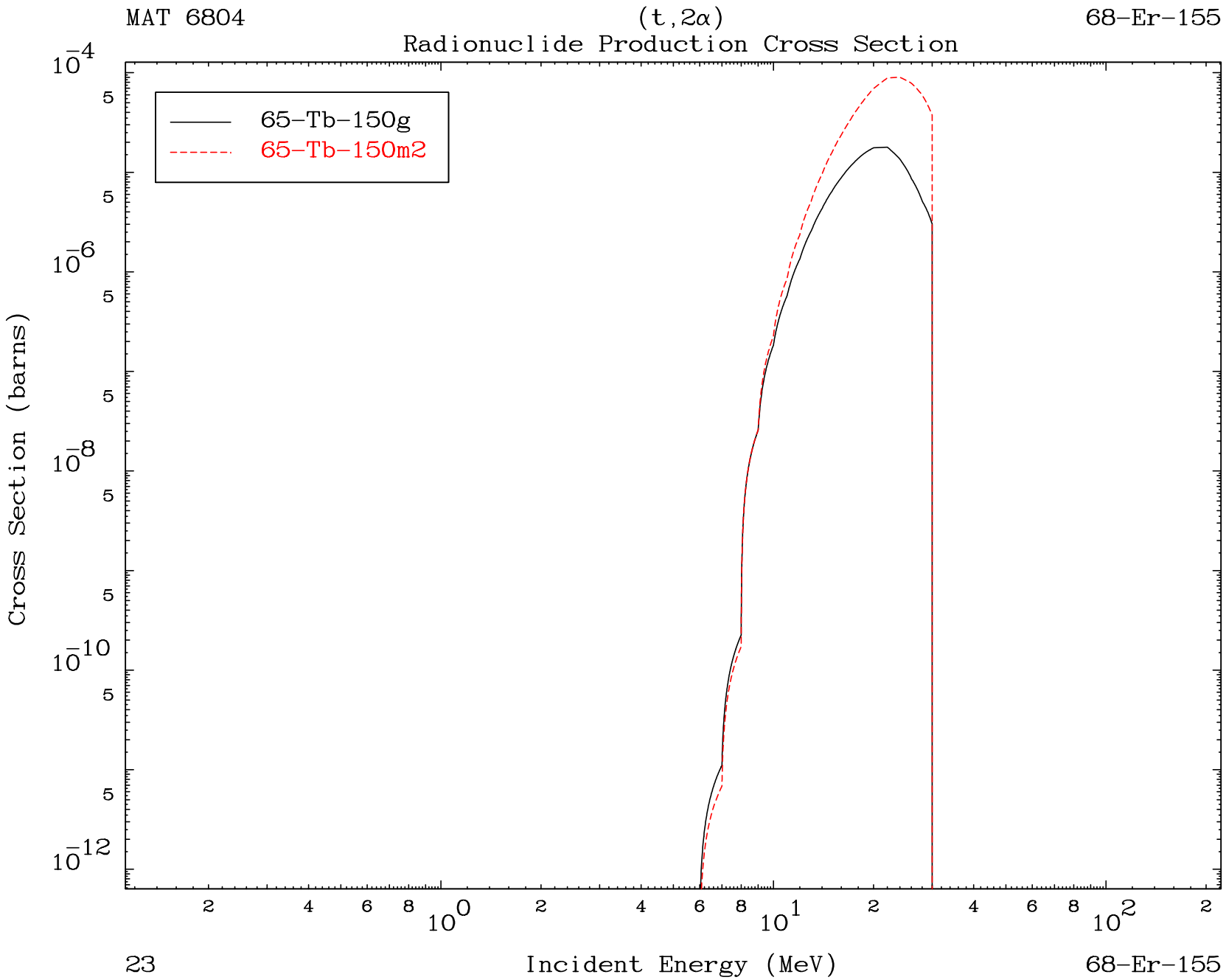

MAT 6804
(t,2n) 2α
68-Er-155
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
18
68-Er-155

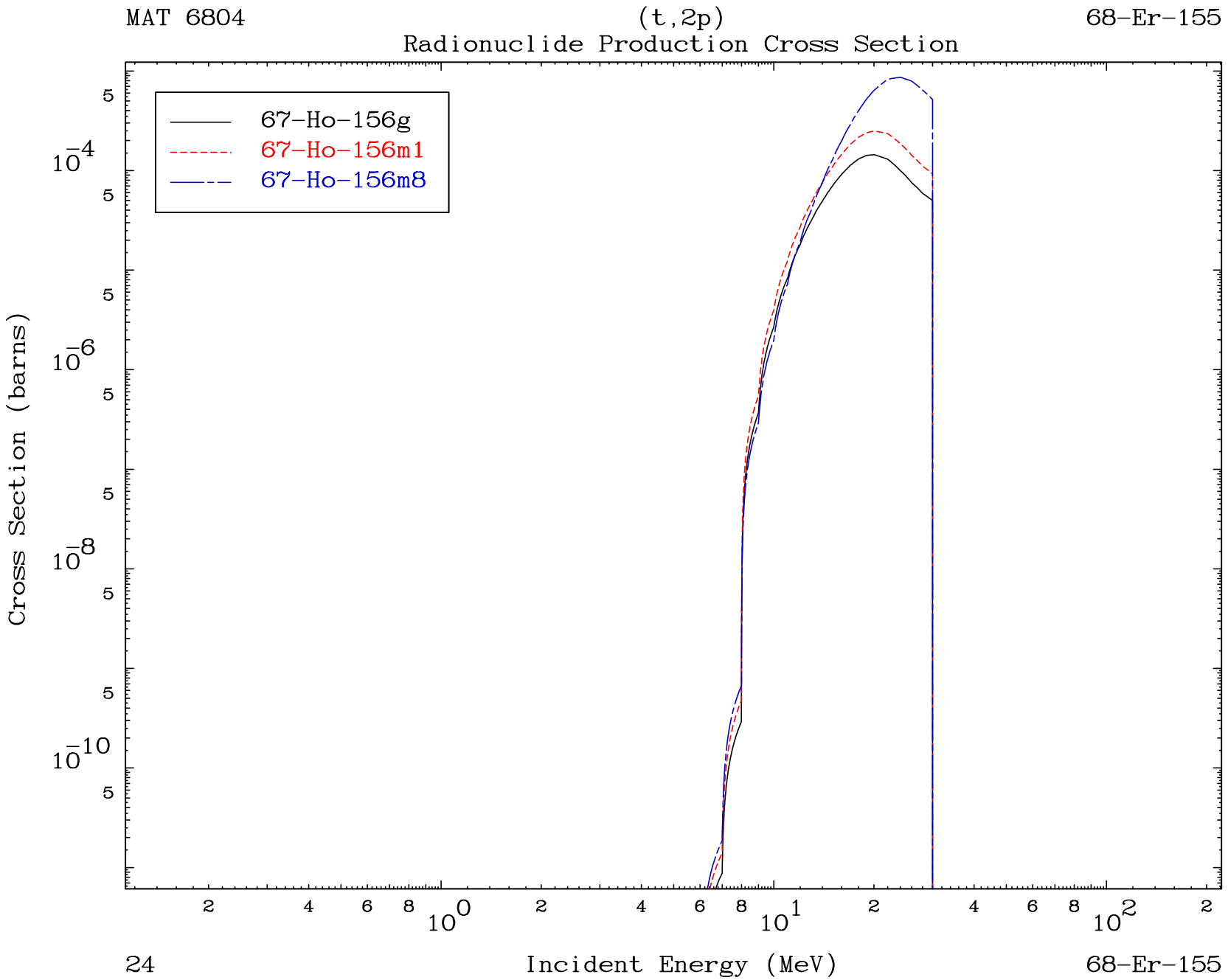

MAT 6804
(t,n') He-3
68-Er-155
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
19
68-Er-155

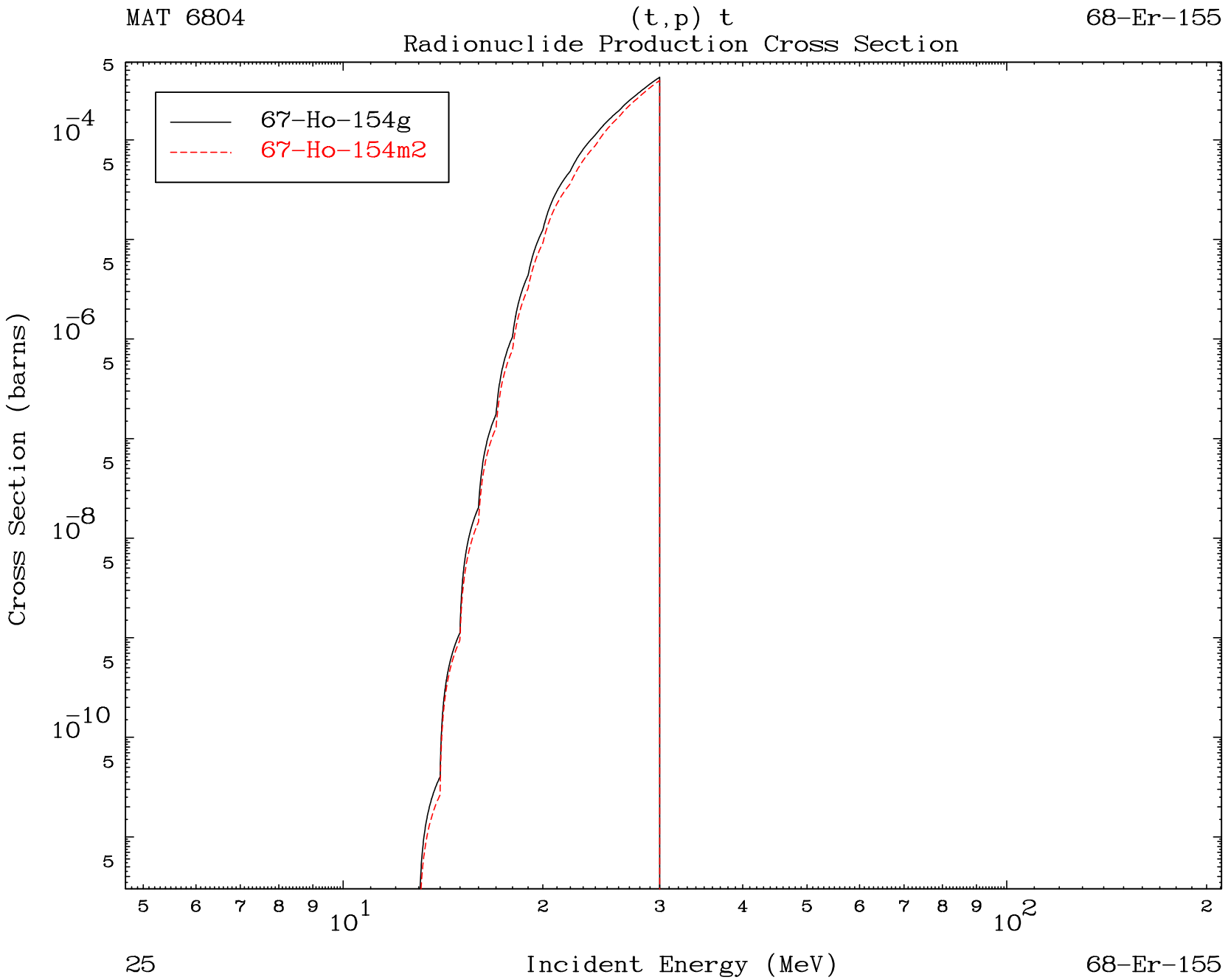

MAT 6804
(t,4n)
68-Er-155
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
Incident Energy (MeV)
20
68-Er-155


MAT 6804
(t,γ)
68-Er-155
Radionuclide Production Cross Section
69-Tm-158g
69-Tm-158m2
Cross Section (barns)
Incident Energy (MeV)
21
68-Er-155


MAT 6804
(t,α)
68-Er-155
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
22
68-Er-155


MAT 6804
(t,2α)
68-Er-155
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
Incident Energy (MeV)
23
68-Er-155


MAT 6804
(t,2p)
68-Er-155
Radionuclide Production Cross Section
67-Ho-156g
67-Ho-156m1
67-Ho-156m8
Cross Section (barns)
Incident Energy (MeV)
24
68-Er-155


MAT 6804
(t,p) t
68-Er-155
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
25
68-Er-155