Program EVALPLOT
(Version 2021-1)
by
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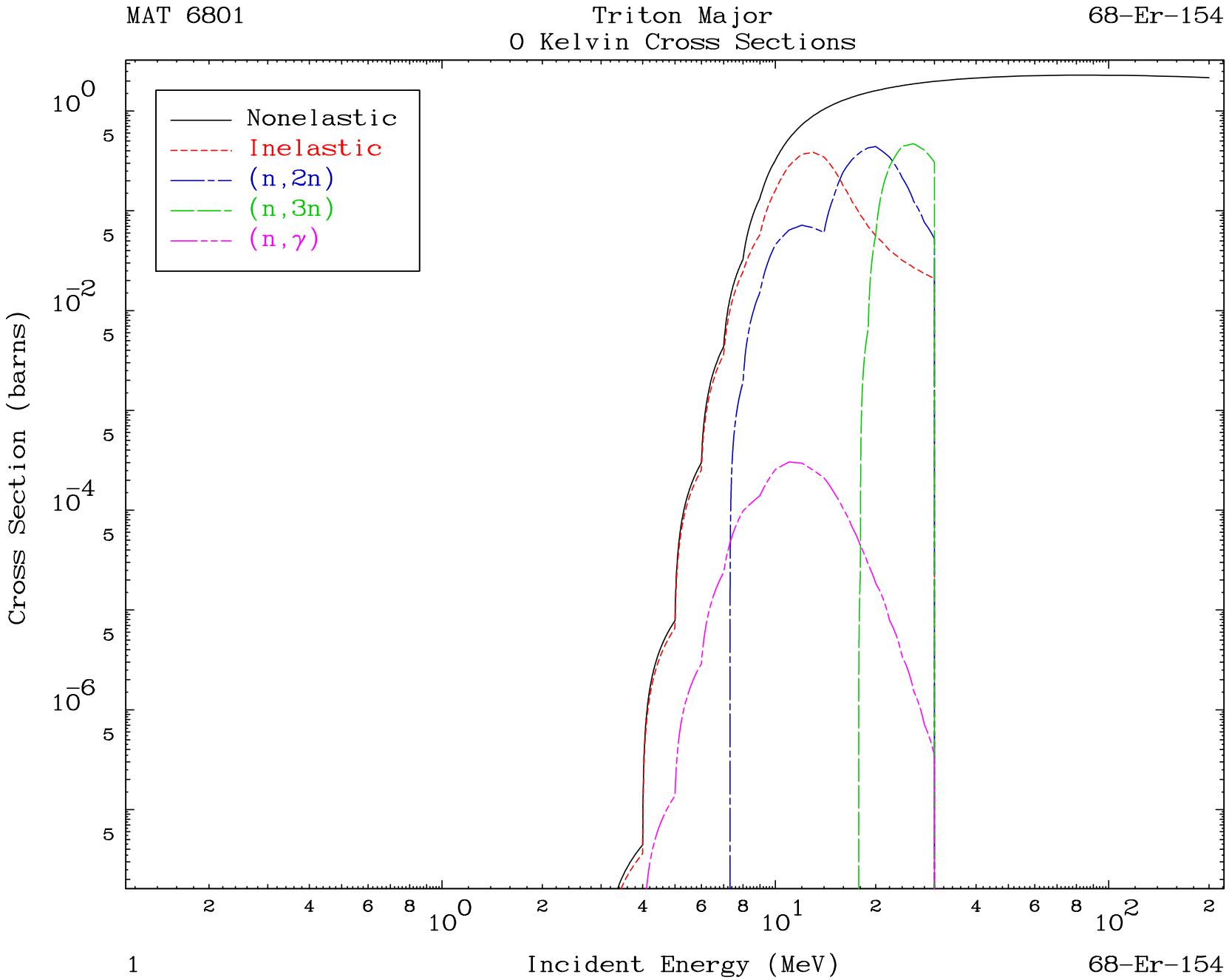
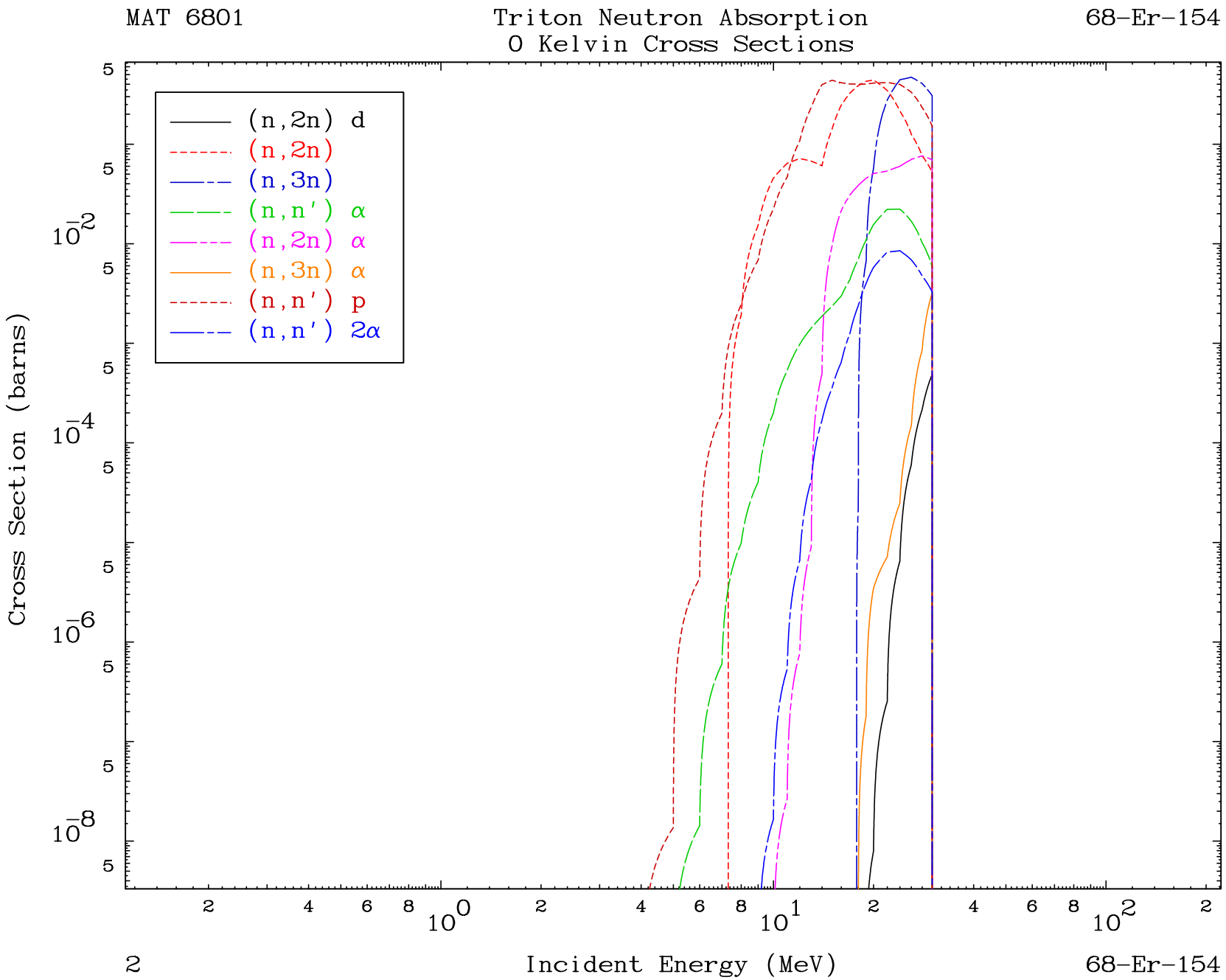
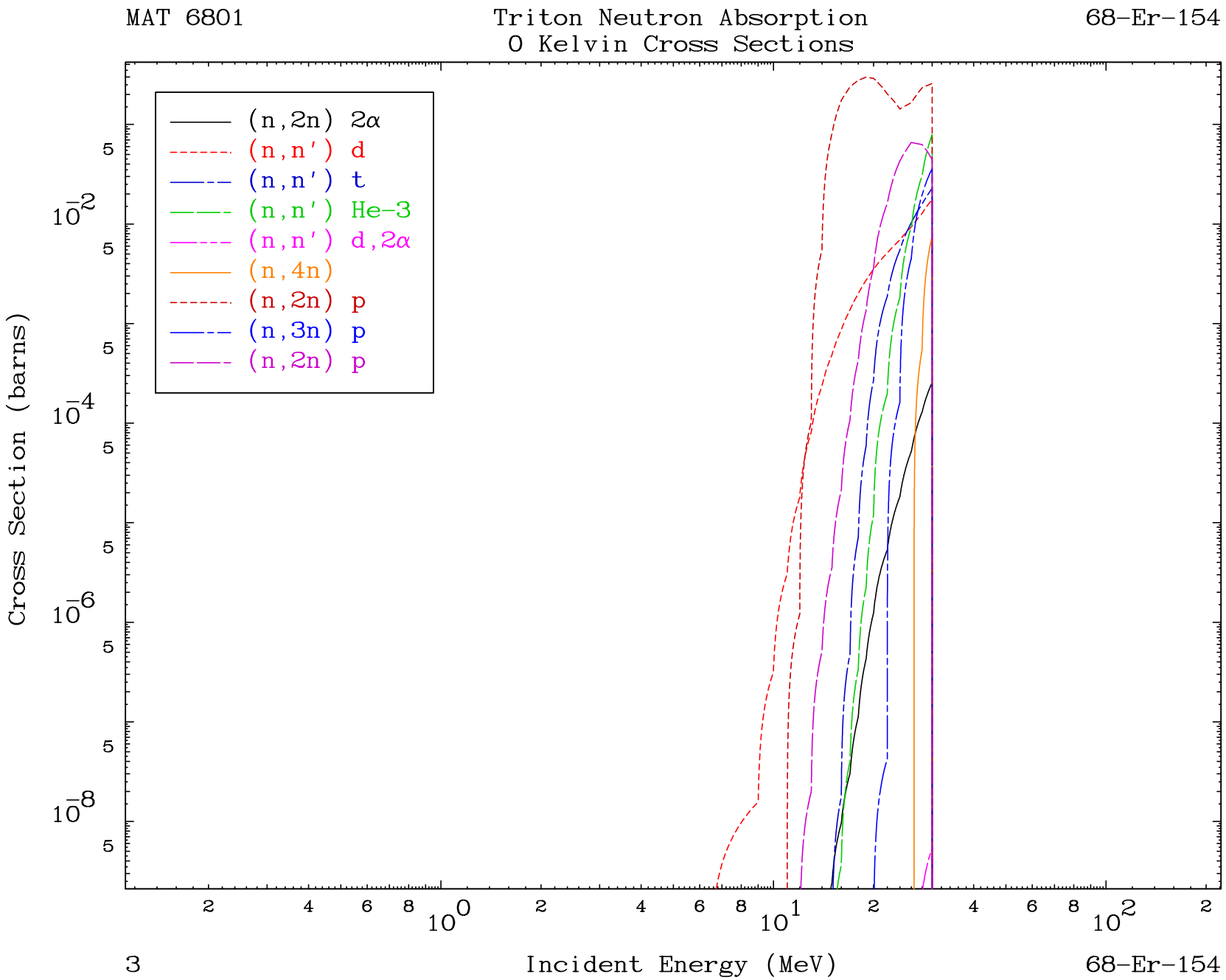
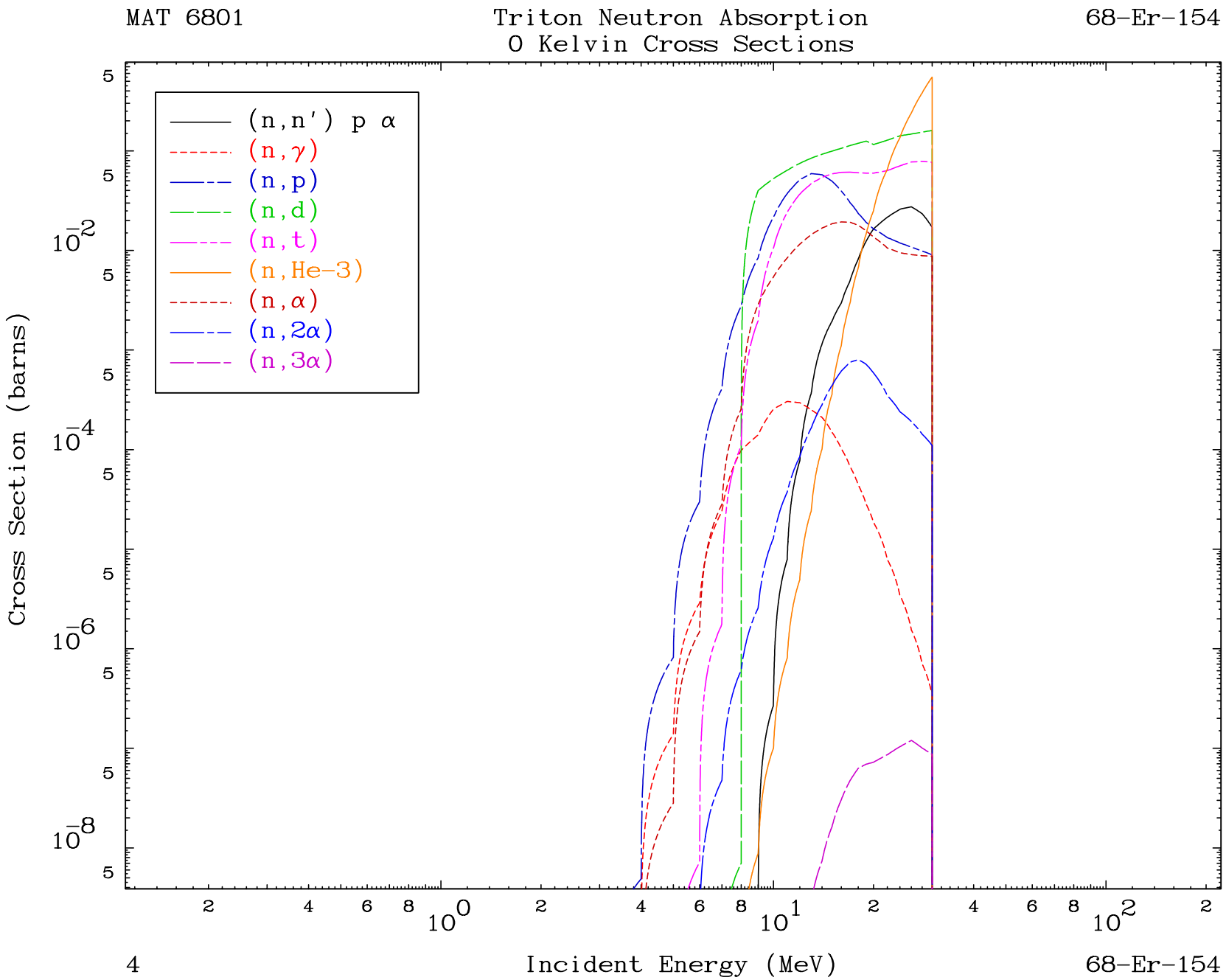
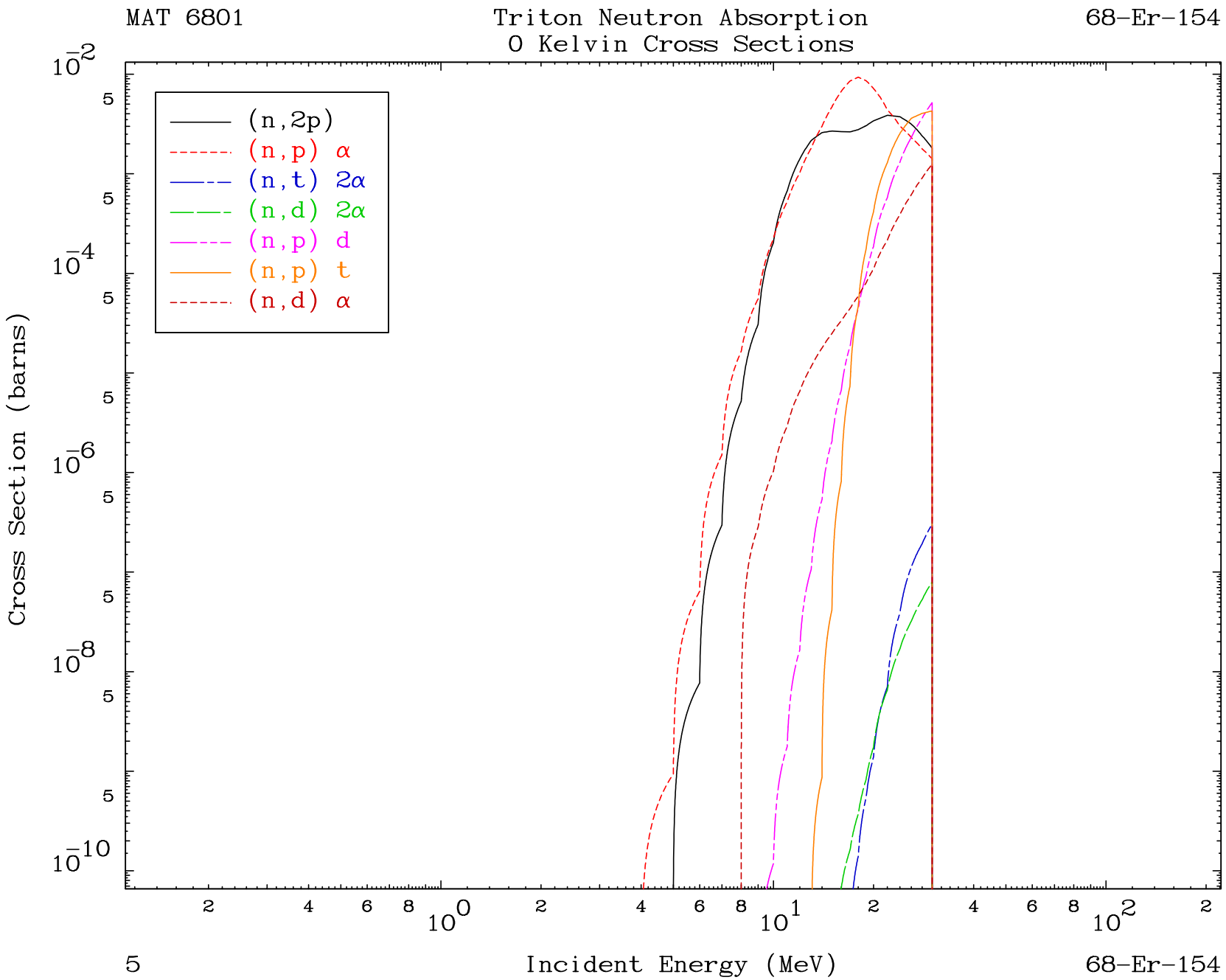
Press Mouse Button to Start

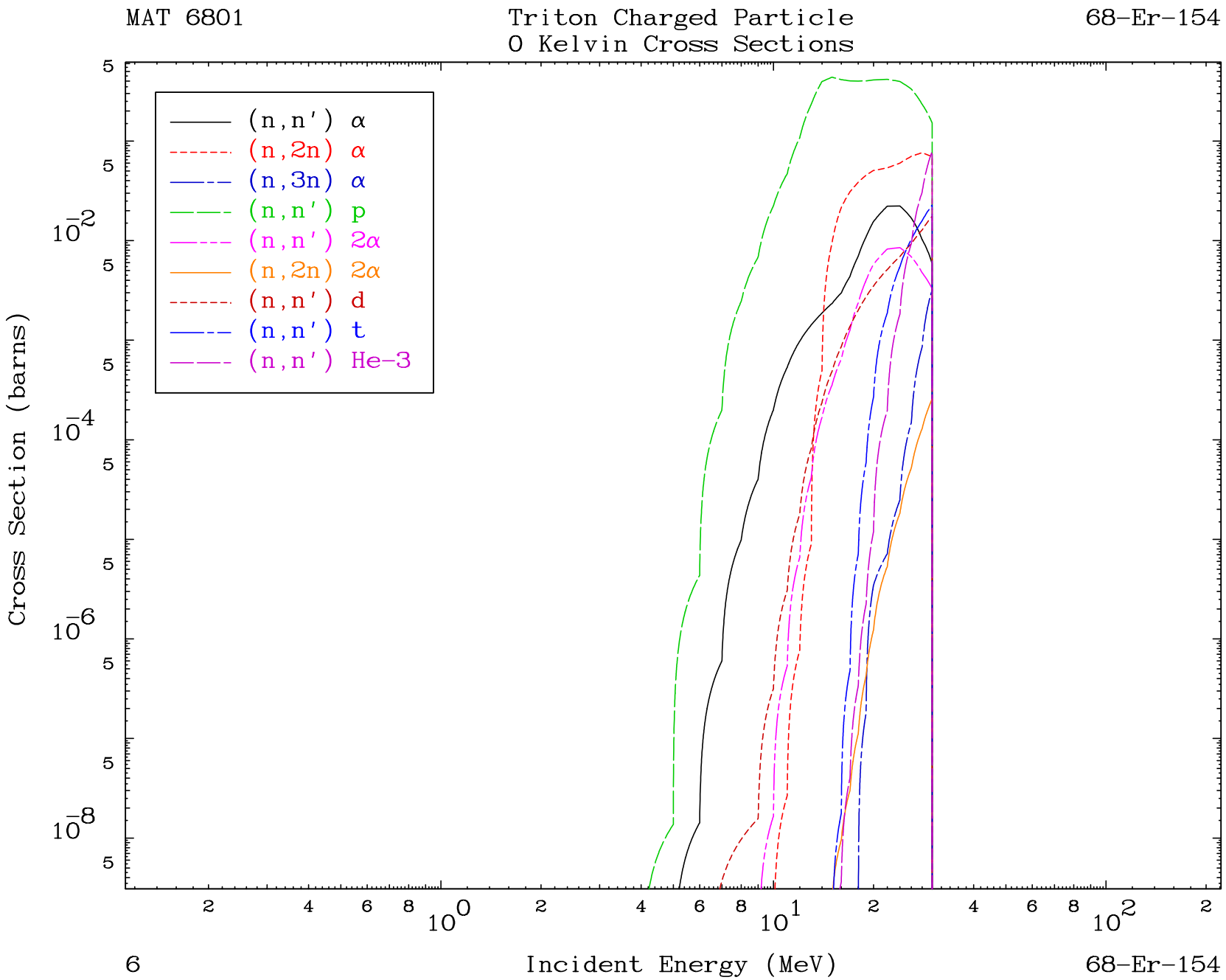

MAT 6801
Triton Major
68-Er-154
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
68-Er-154
1

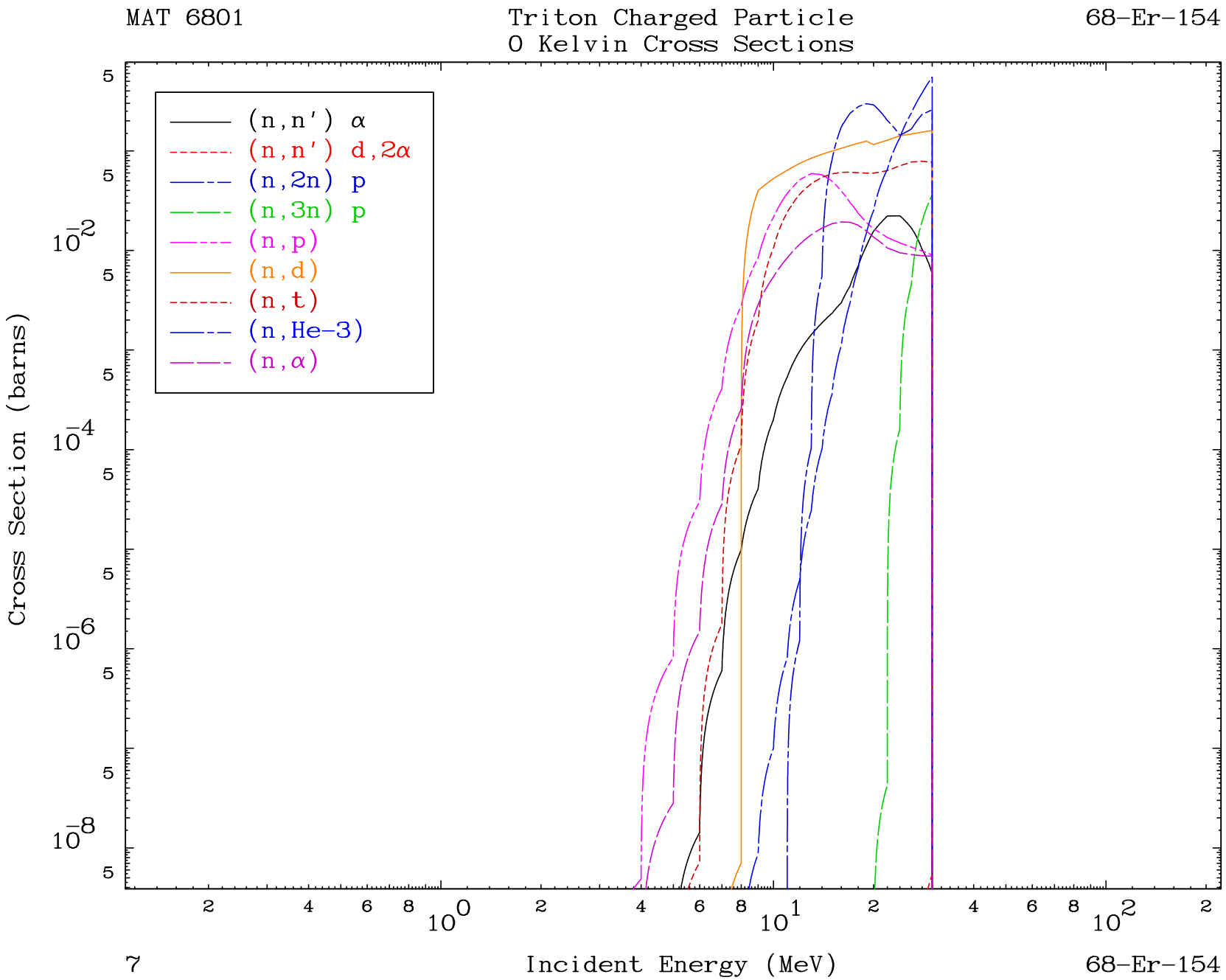

MAT 6801
Triton Neutron Absorption
0 Kelvin Cross Sections
68-Er-154
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
Cross Section (barns)
Incident Energy (MeV)
68-Er-154

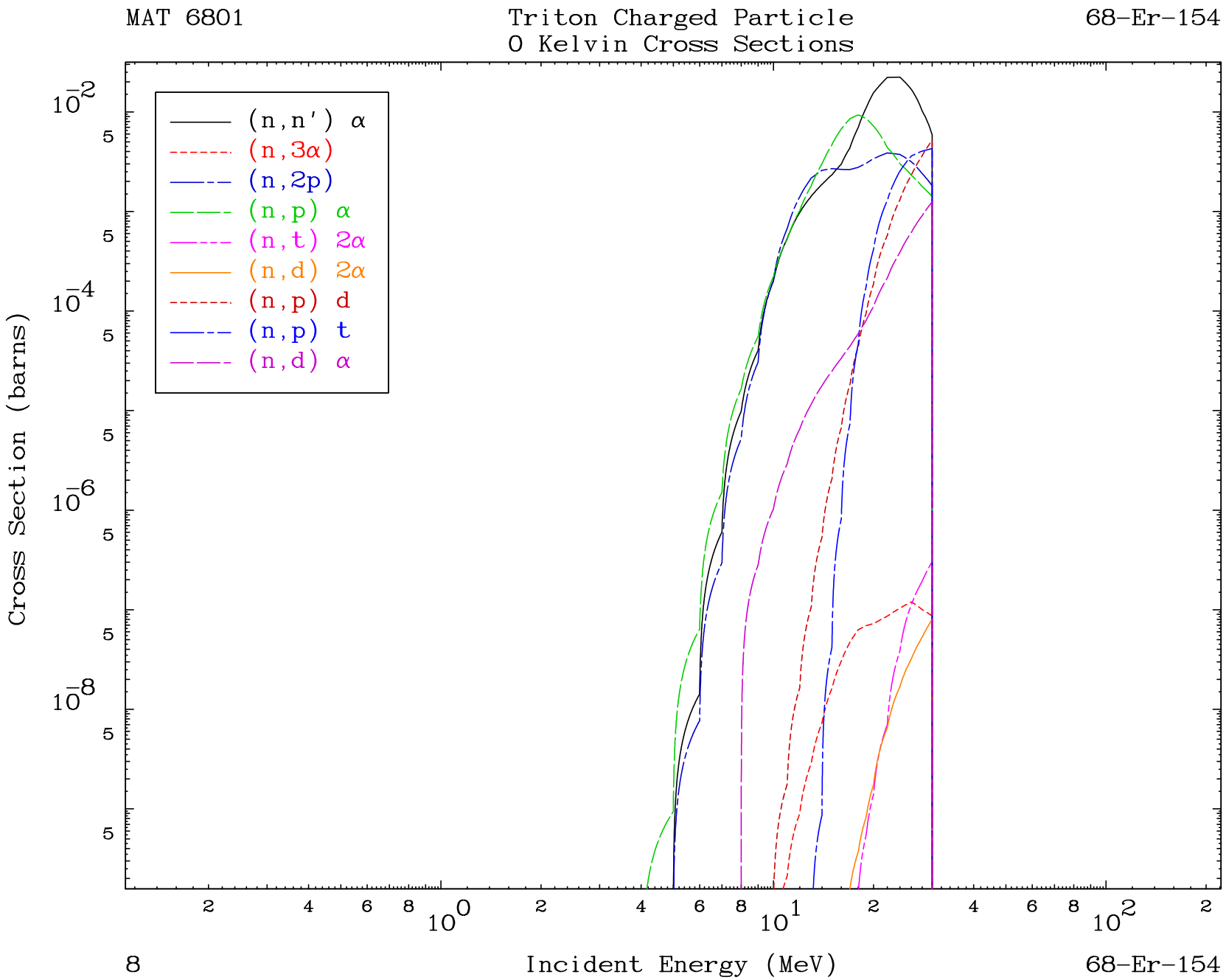

MAT 6801
Triton Neutron Absorption
0 Kelvin Cross Sections
68-Er-154
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,n') d,2α
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
68-Er-154

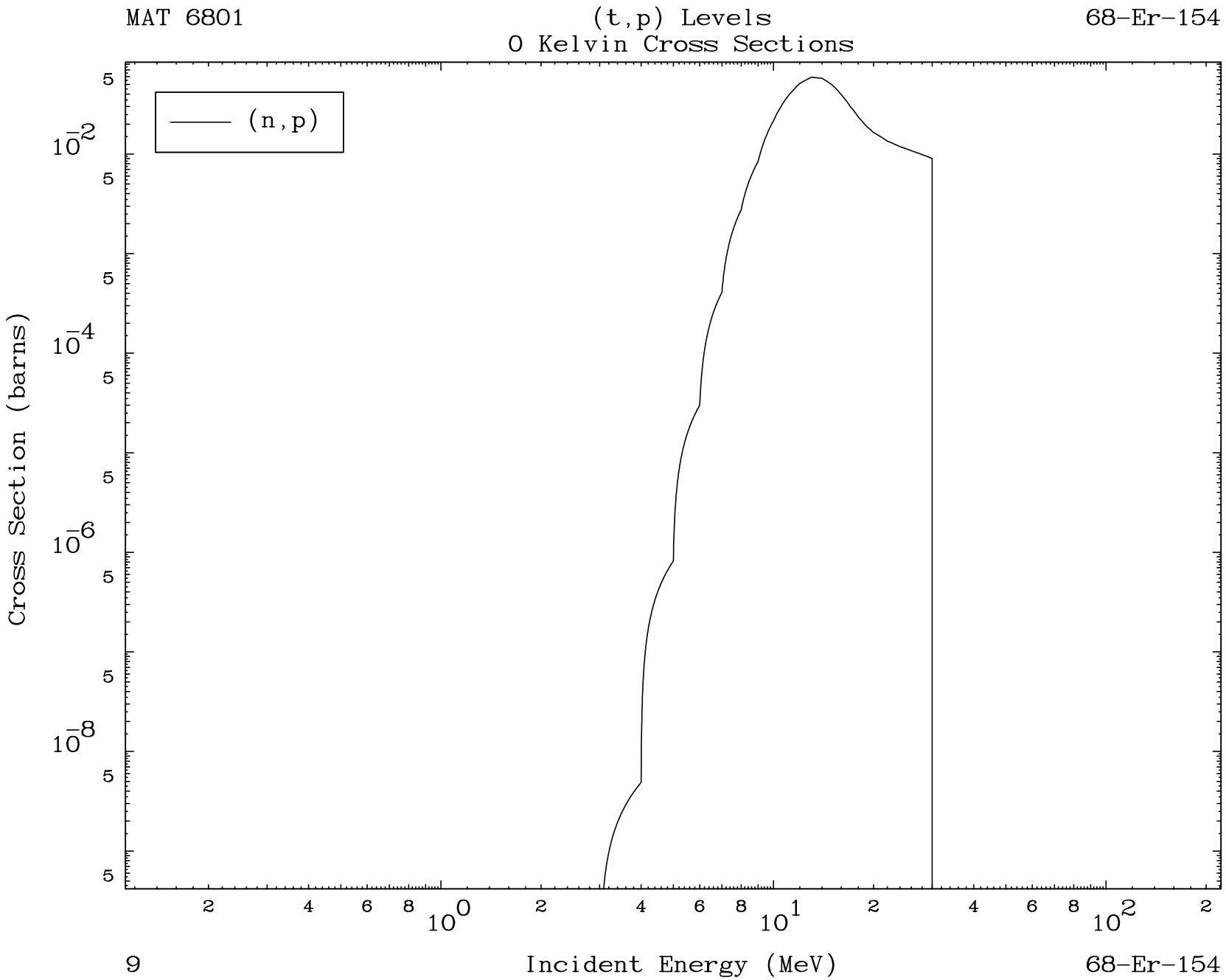

MAT 6801
Triton Neutron Absorption
0 Kelvin Cross Sections
68-Er-154
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
4
68-Er-154

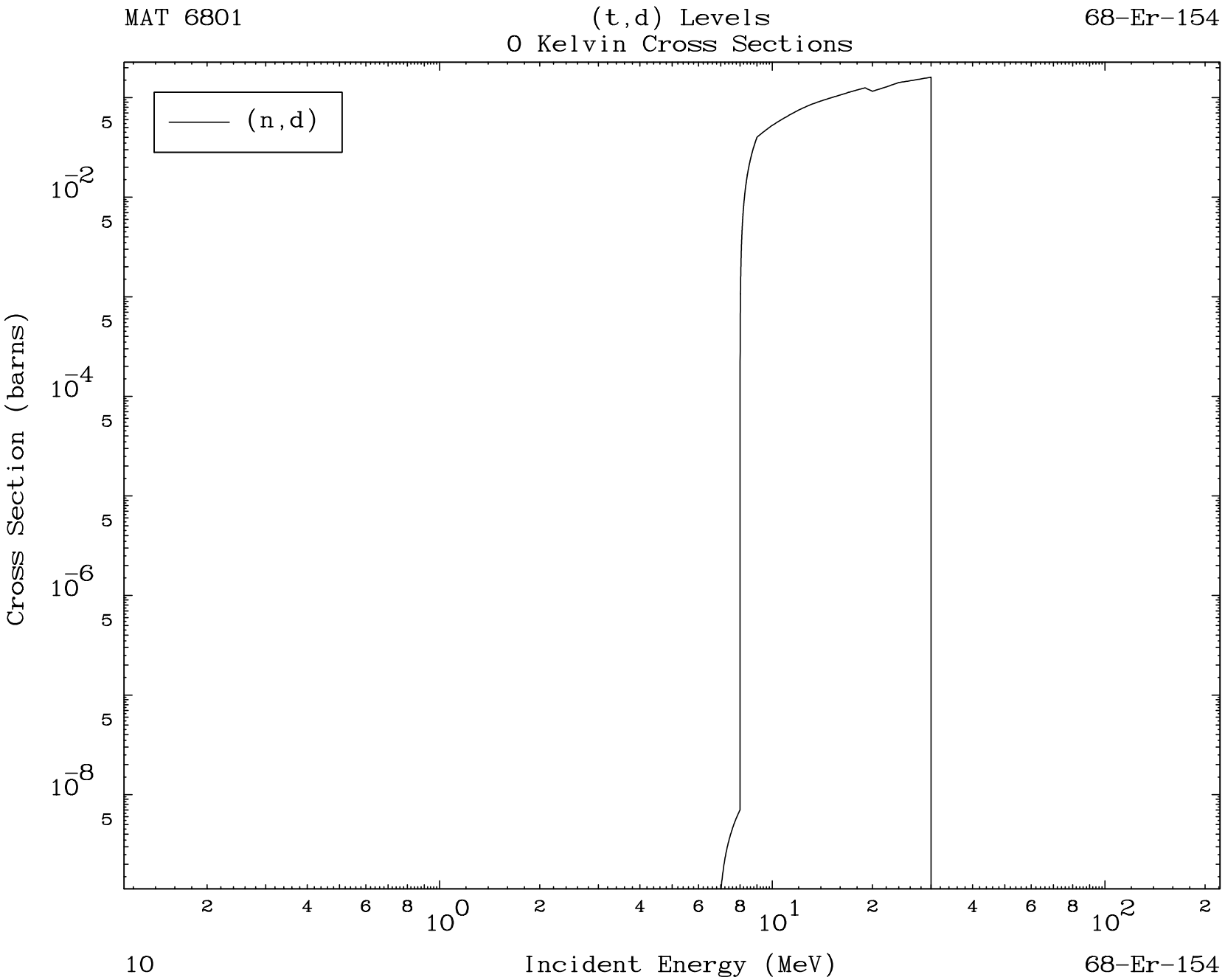

MAT 6801
Triton Neutron Absorption
0 Kelvin Cross Sections
68-Er-154
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
68-Er-154
5

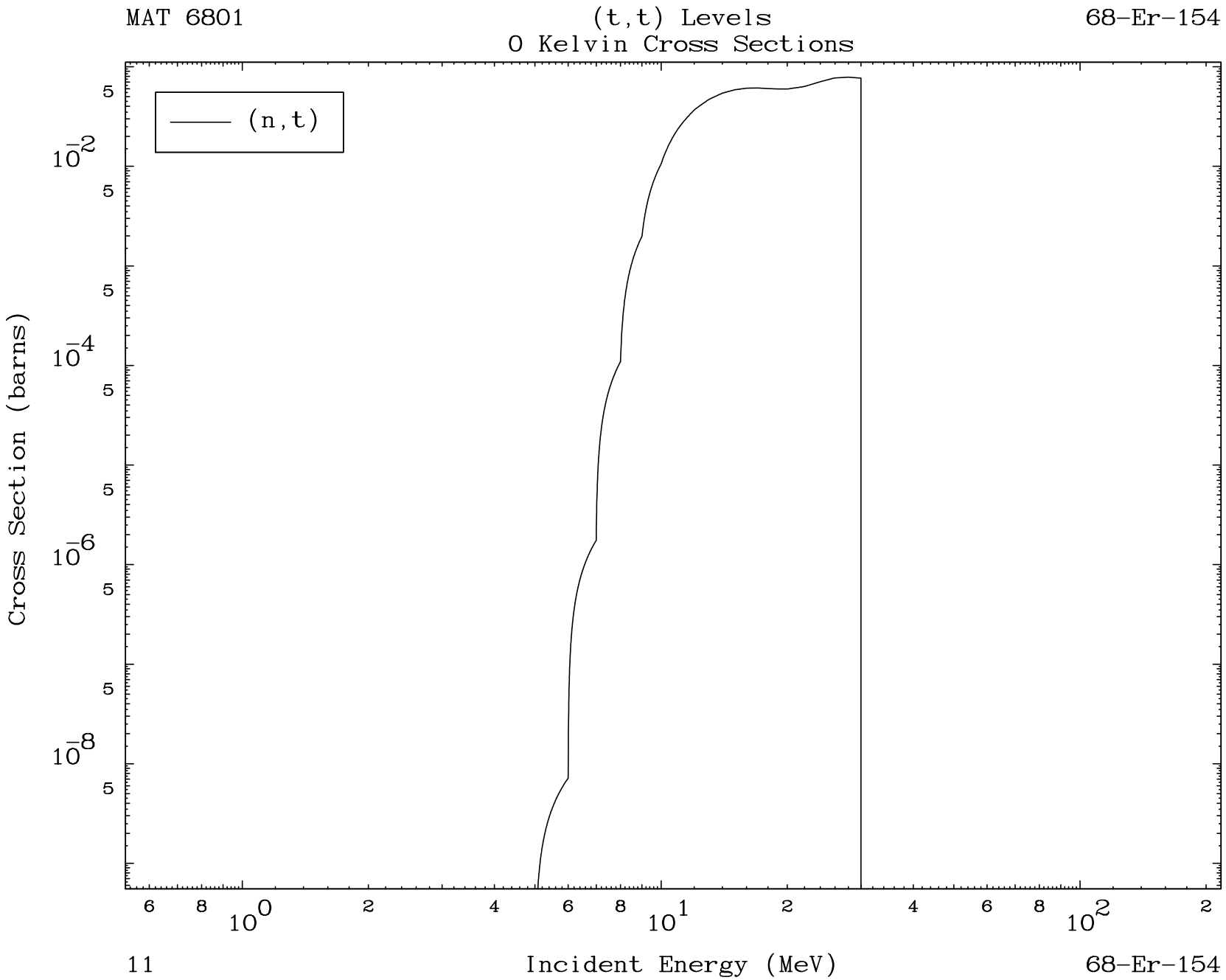

MAT 6801
Triton Charged Particle
0 Kelvin Cross Sections
68-Er-154
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
6
68-Er-154

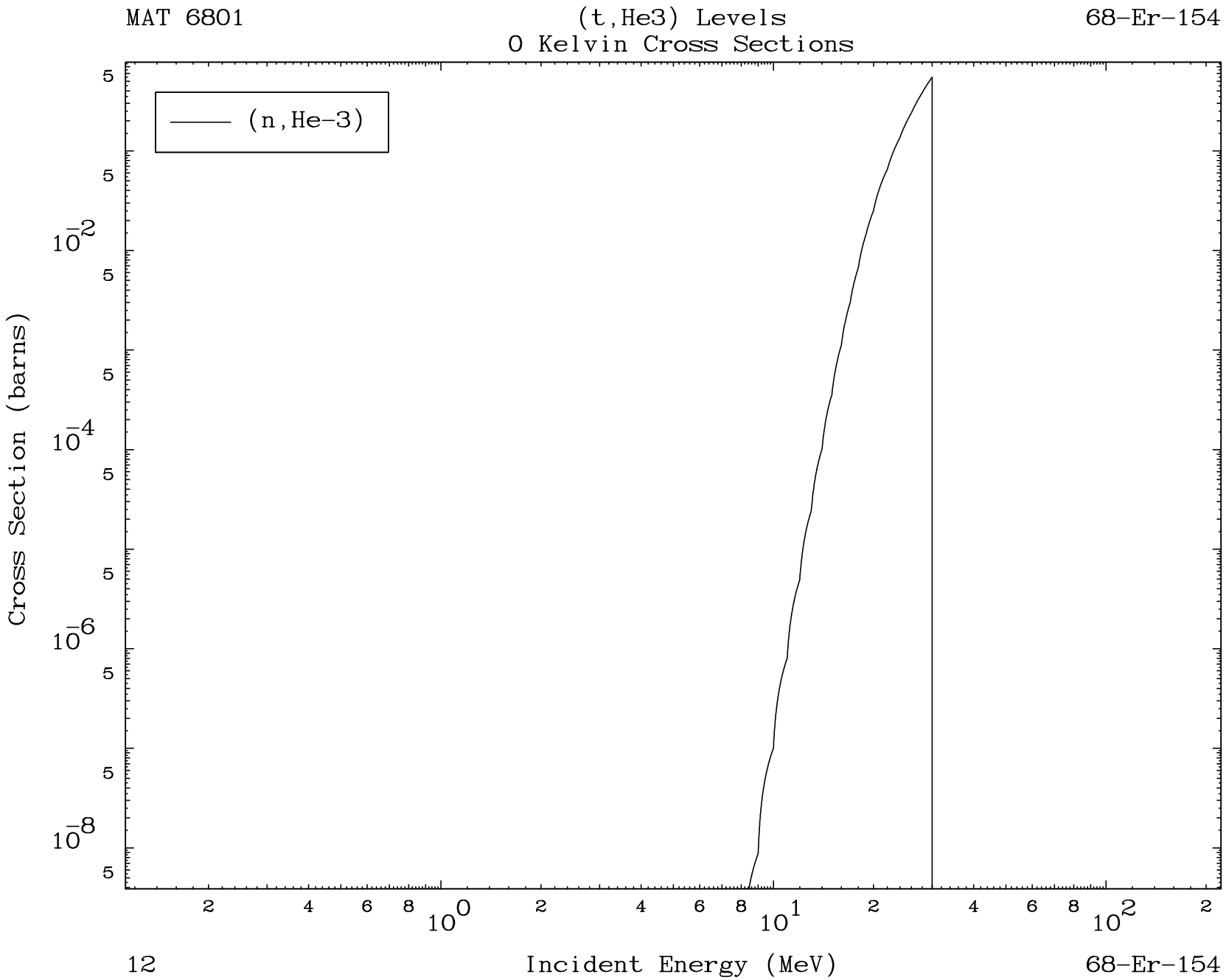

MAT 6801
Triton Charged Particle
0 Kelvin Cross Sections
68-Er-154
(n,n') α
(n,n') d,2α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
7
68-Er-154

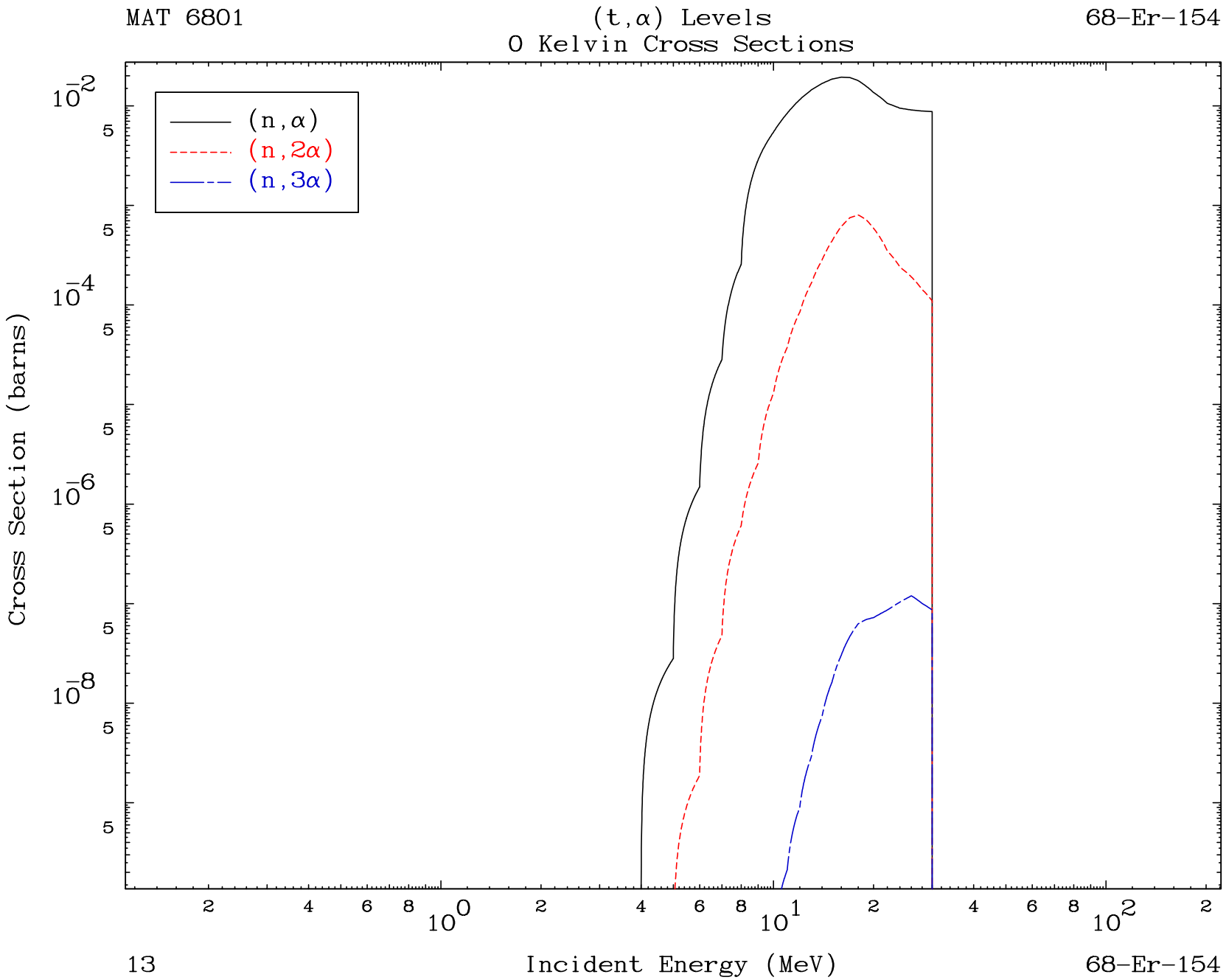

MAT 6801
Triton Charged Particle
0 Kelvin Cross Sections
68-Er-154
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
8
68-Er-154

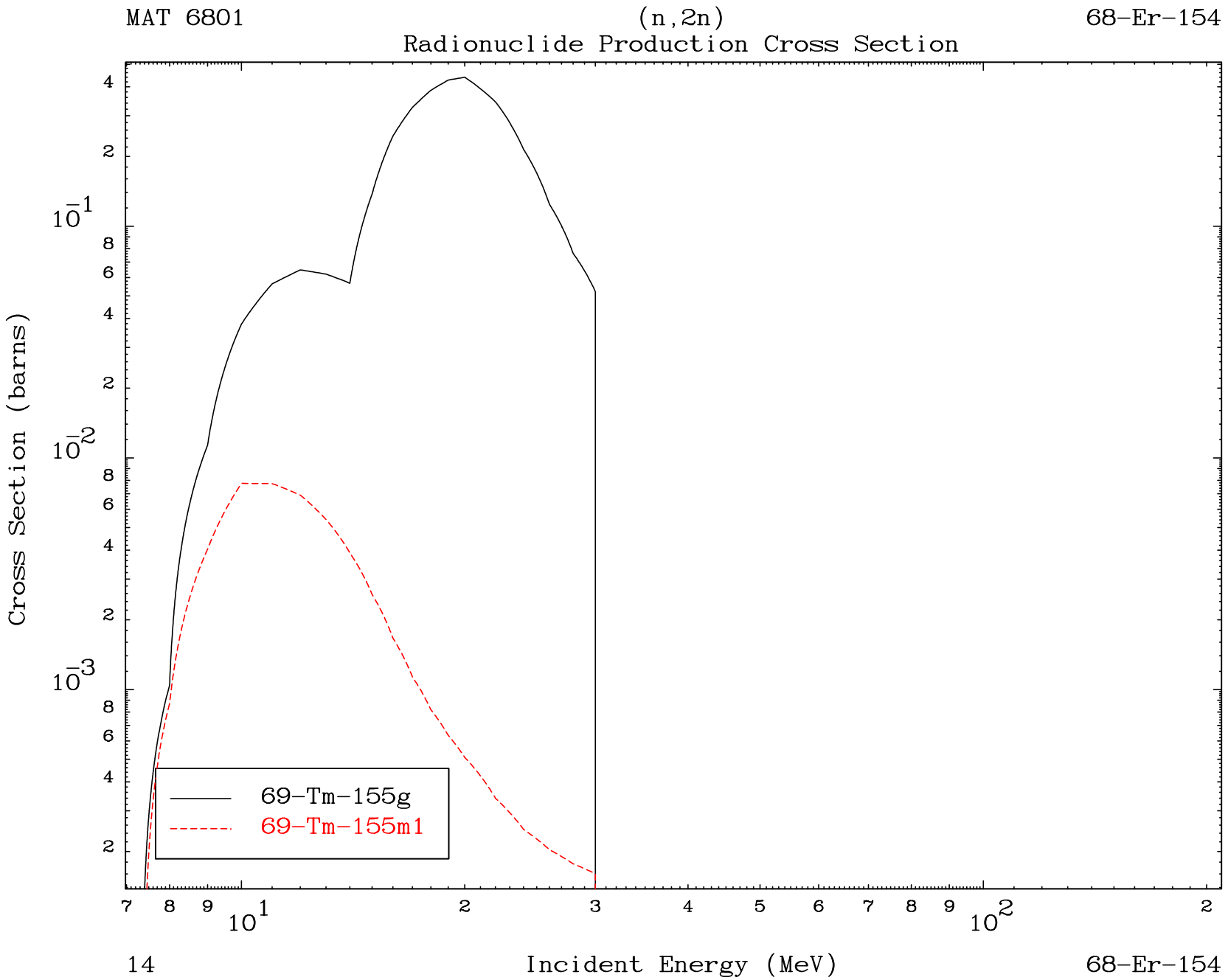

MAT 6801
(t,p) Levels
68-Er-154
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
9
68-Er-154

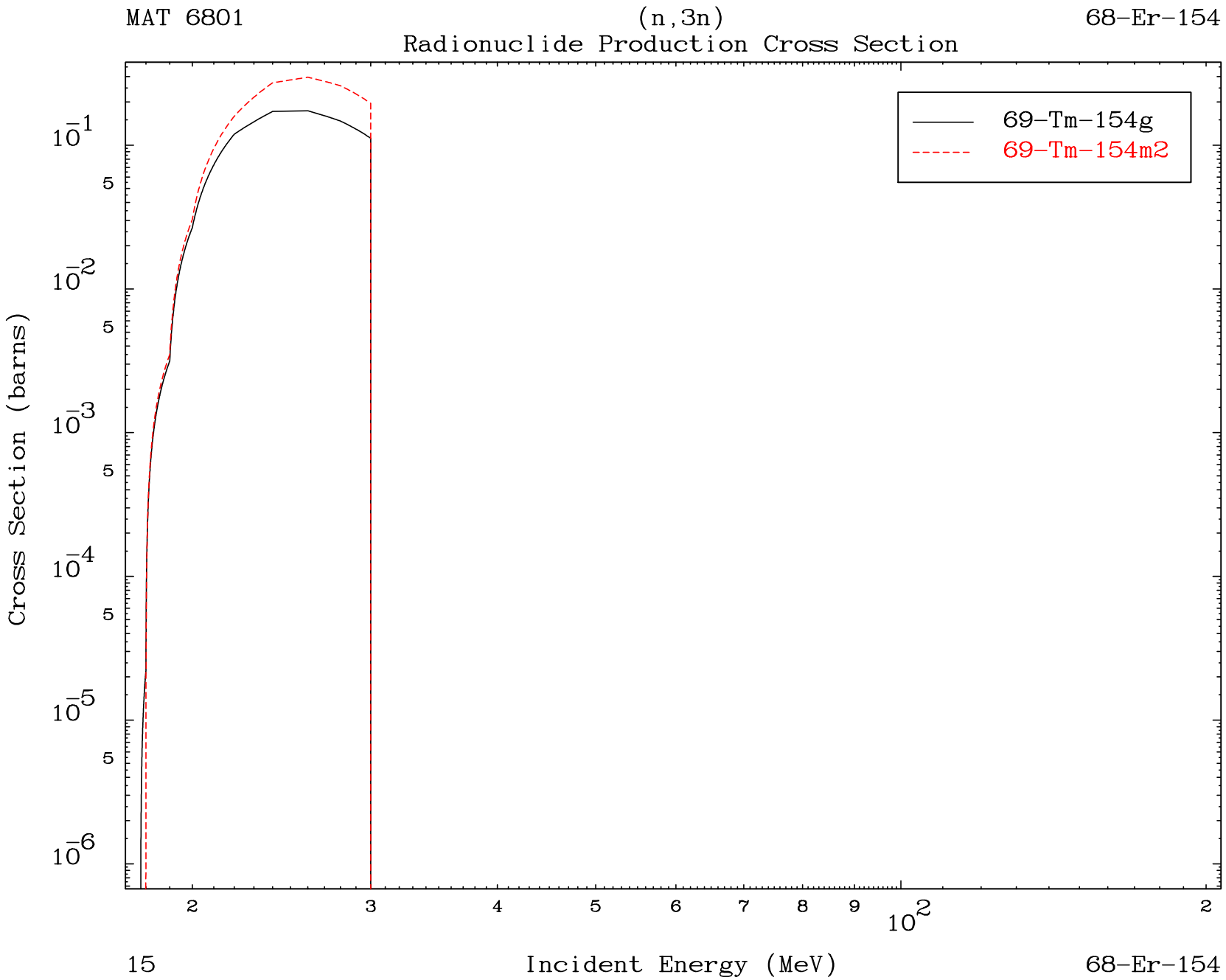

MAT 6801
(t,d) Levels
68-Er-154
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
68-Er-154

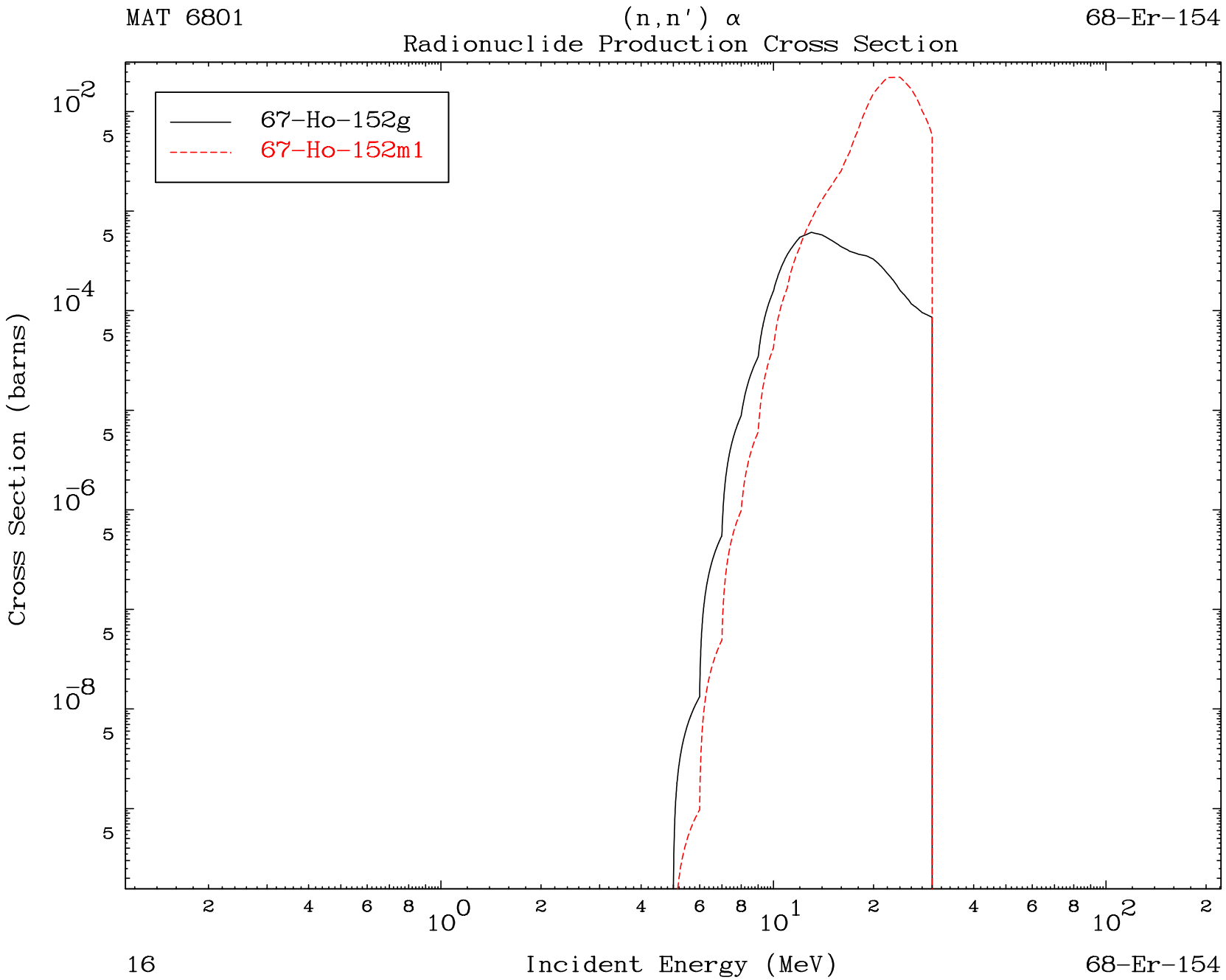

MAT 6801
(t,t) Levels
68-Er-154
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
11
68-Er-154

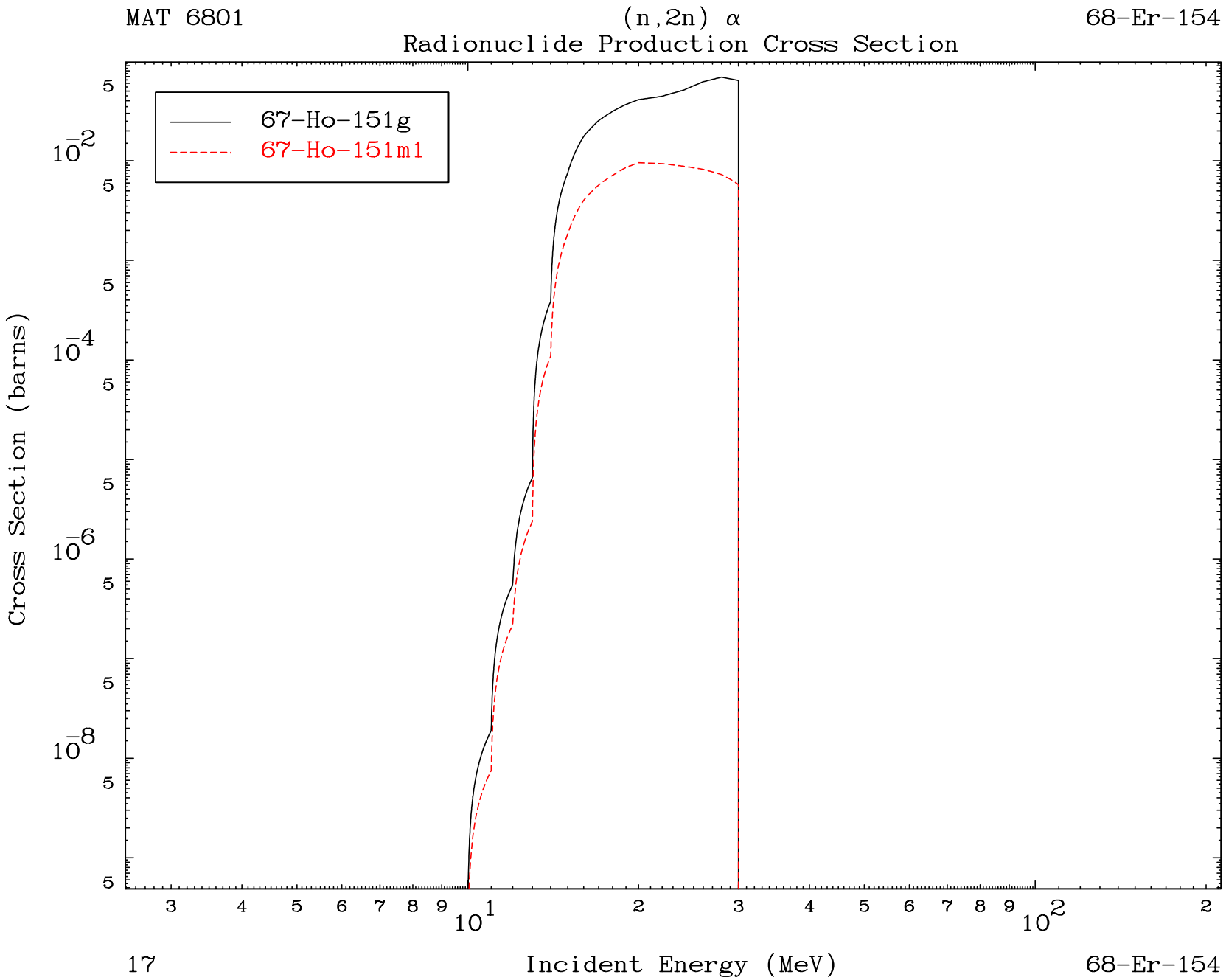

MAT 6801
(t,He3) Levels
68-Er-154
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
12
68-Er-154

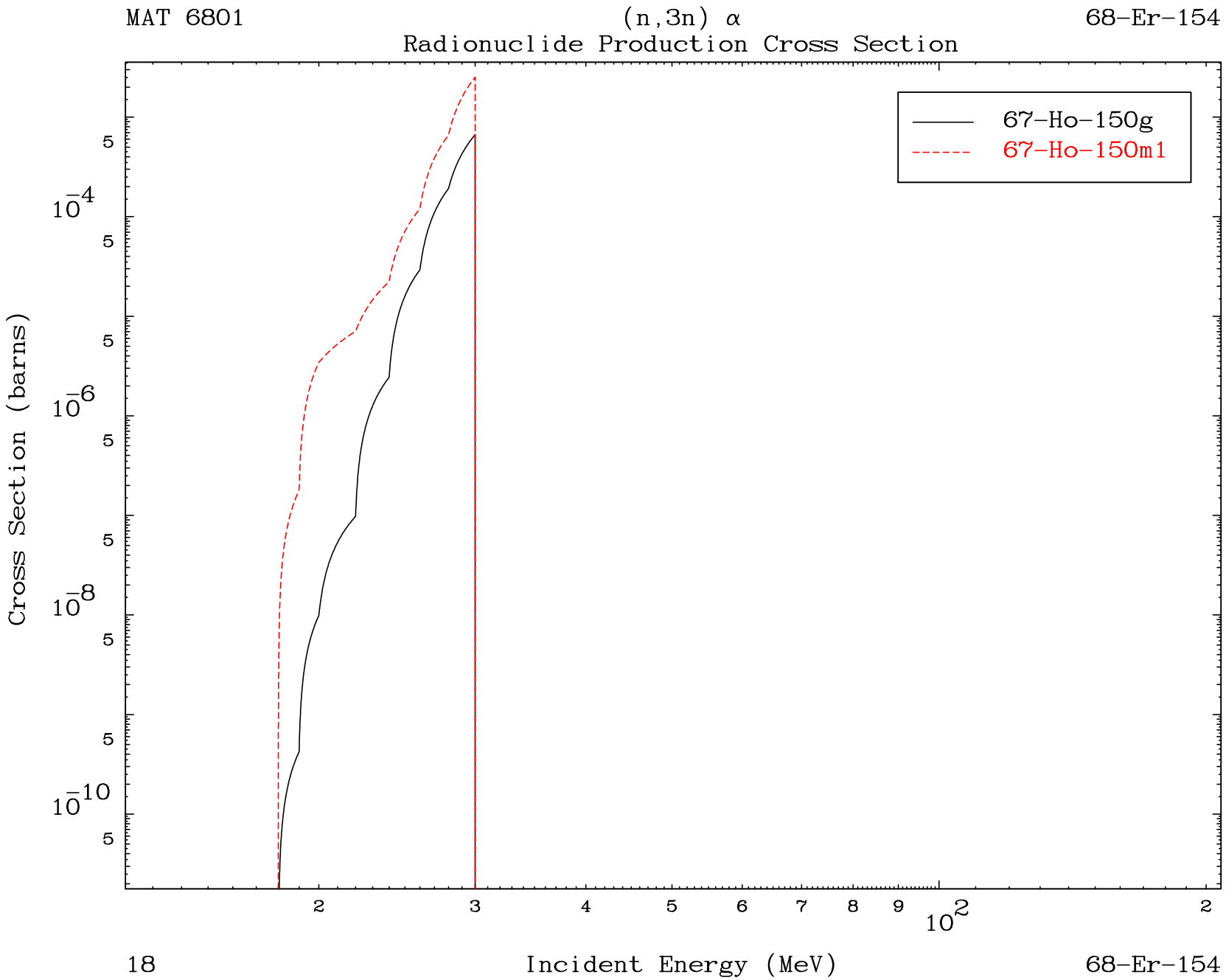

MAT 6801
(t,α) Levels
68-Er-154
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
13
Incident Energy (MeV)
68-Er-154

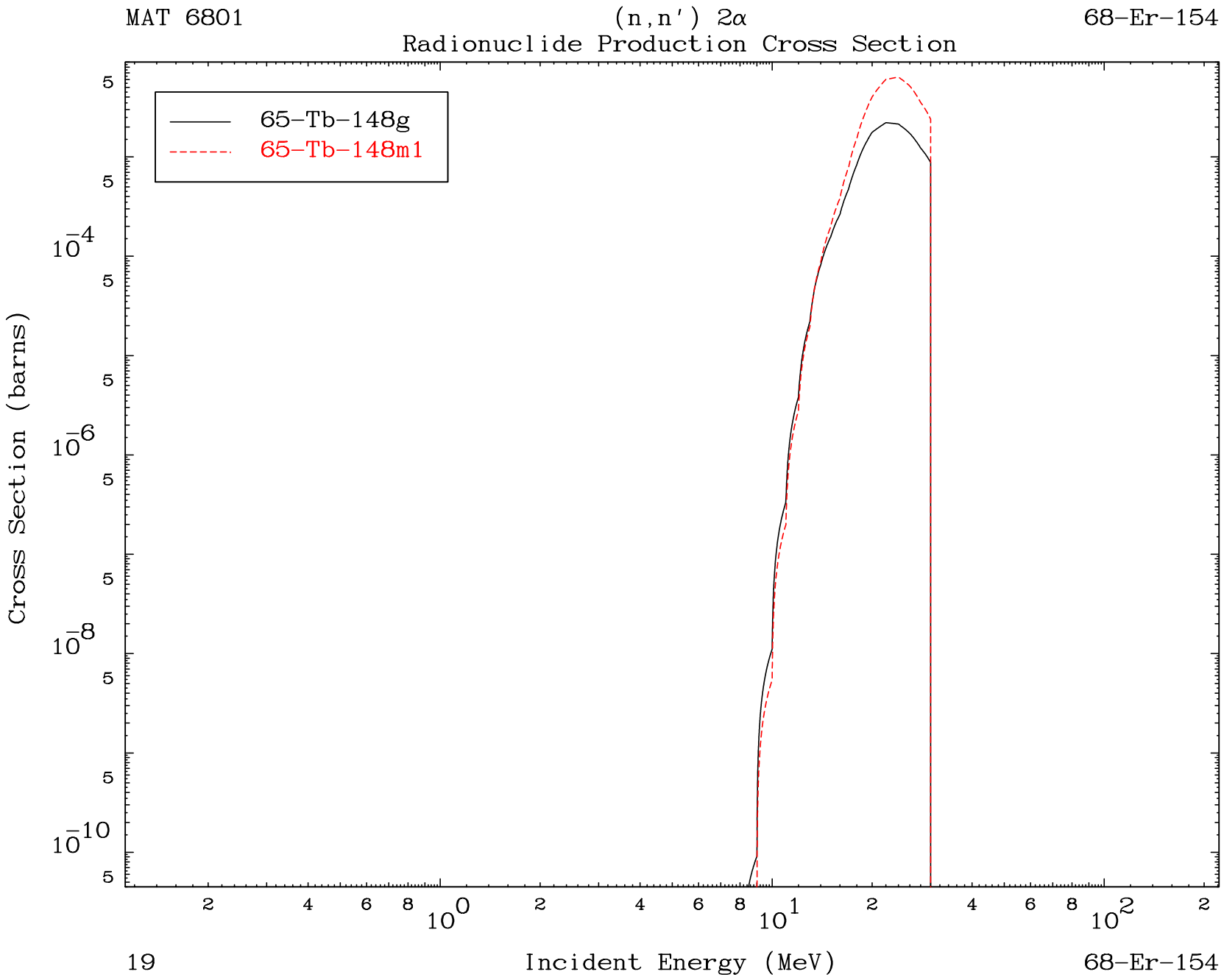

MAT 6801
(n,2n)
68-Er-154
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
69-Tm-155g
69-Tm-155m1
14
68-Er-154

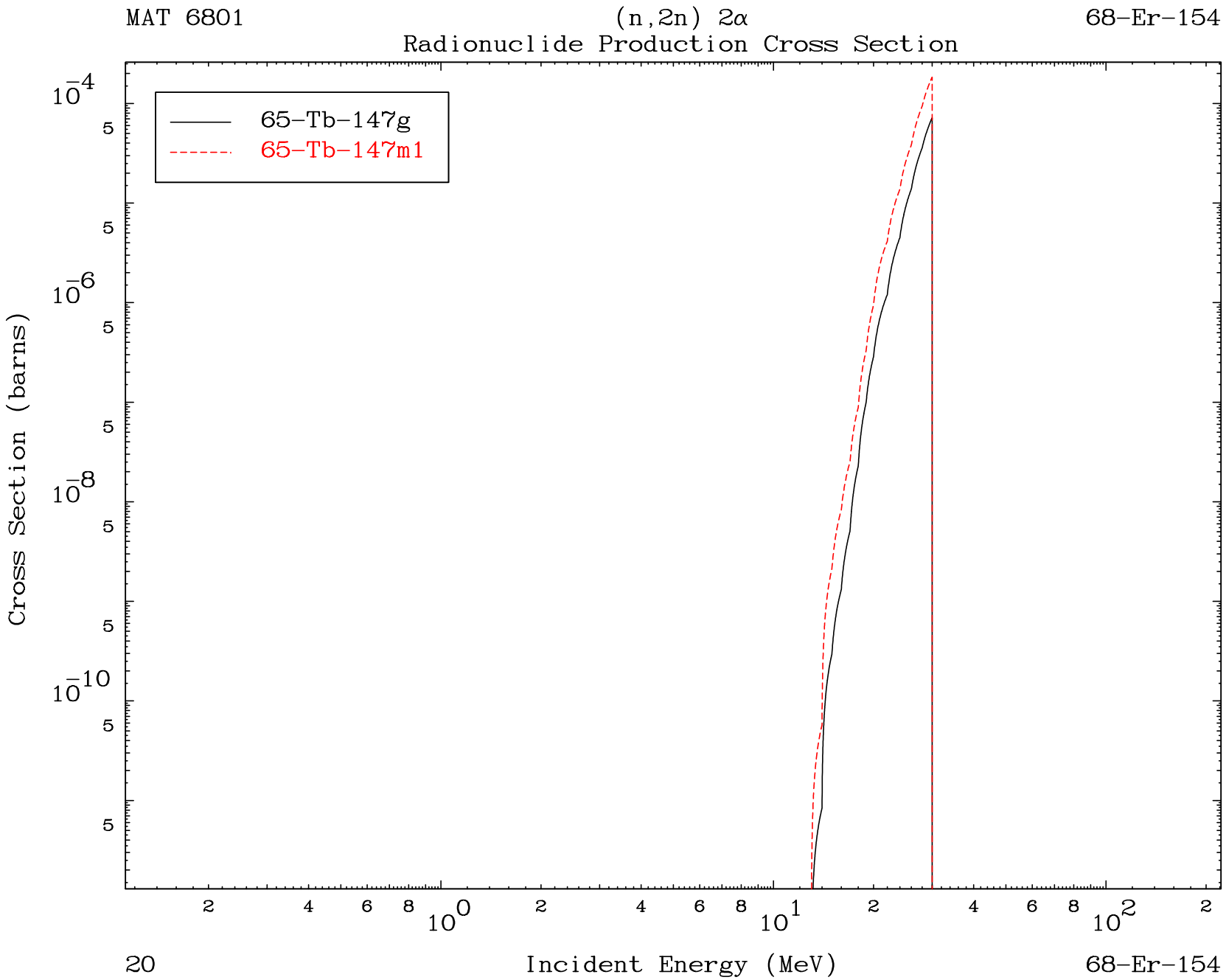

MAT 6801
(n,3n)
68-Er-154
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
68-Er-154

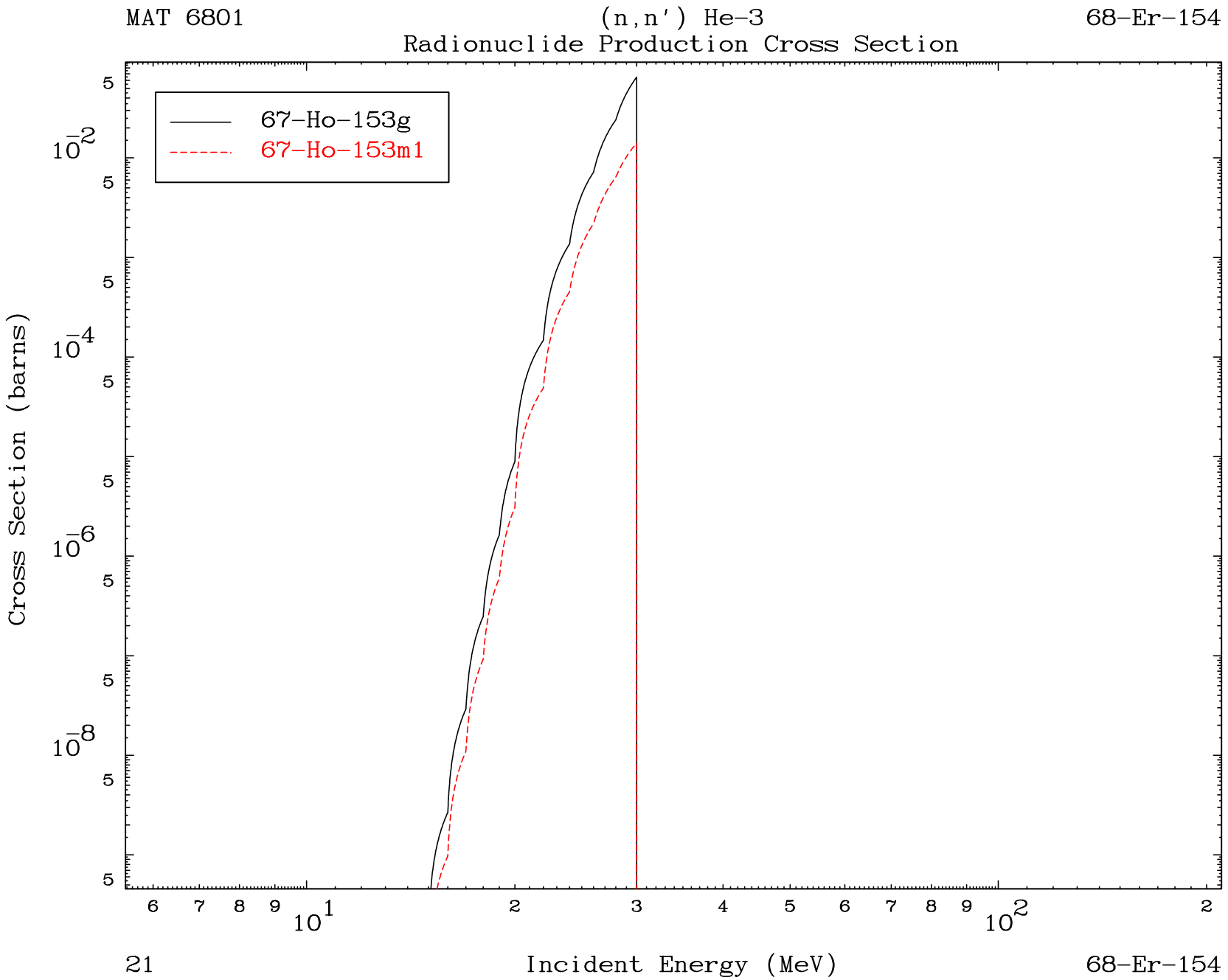

MAT 6801
(n,n') α
68-Er-154
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
Incident Energy (MeV)
16
68-Er-154

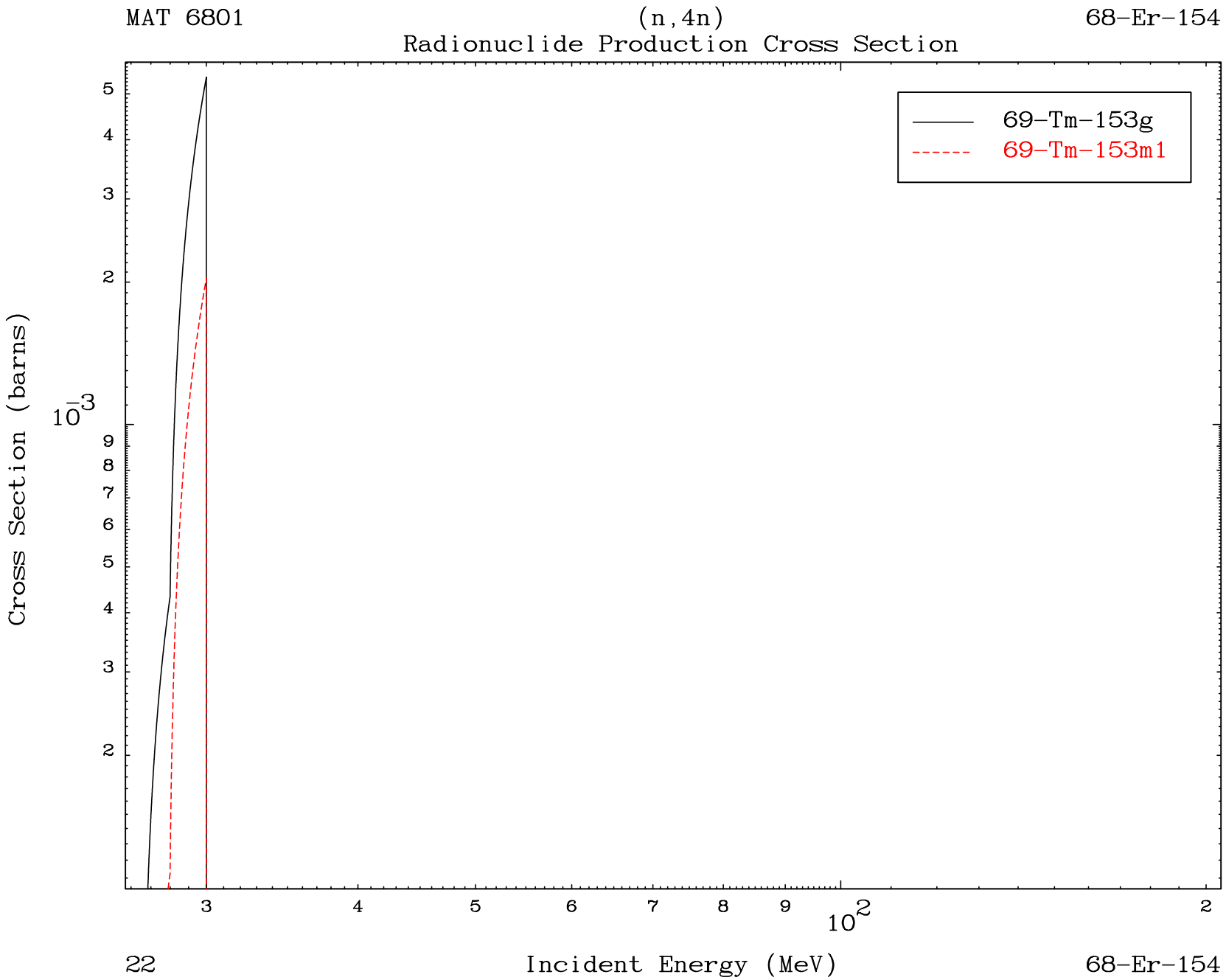

MAT 6801
(n,2n) α
68-Er-154
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
Incident Energy (MeV)
17
68-Er-154

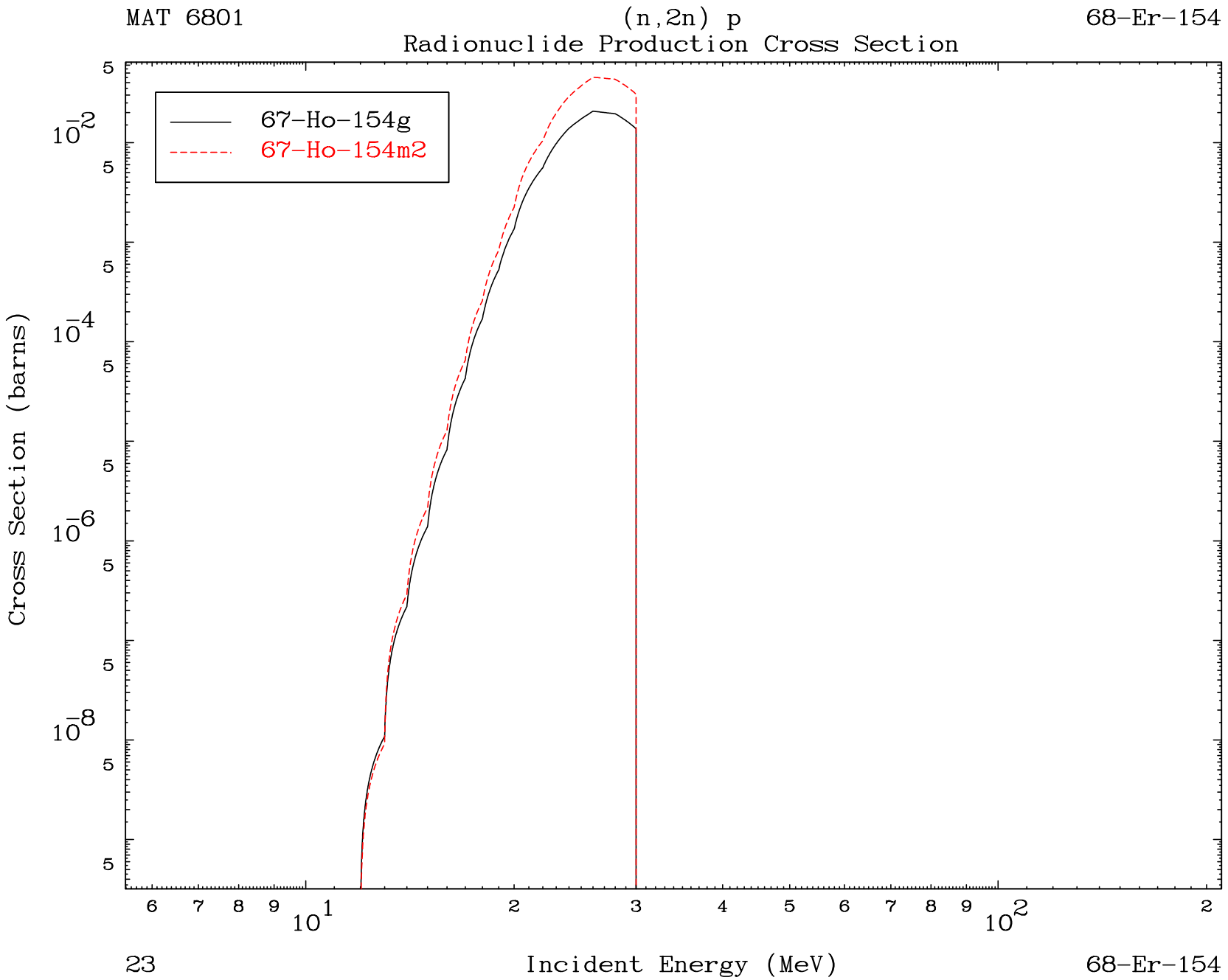

MAT 6801
(n,3n) α
68-Er-154
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
18
Incident Energy (MeV)
68-Er-154

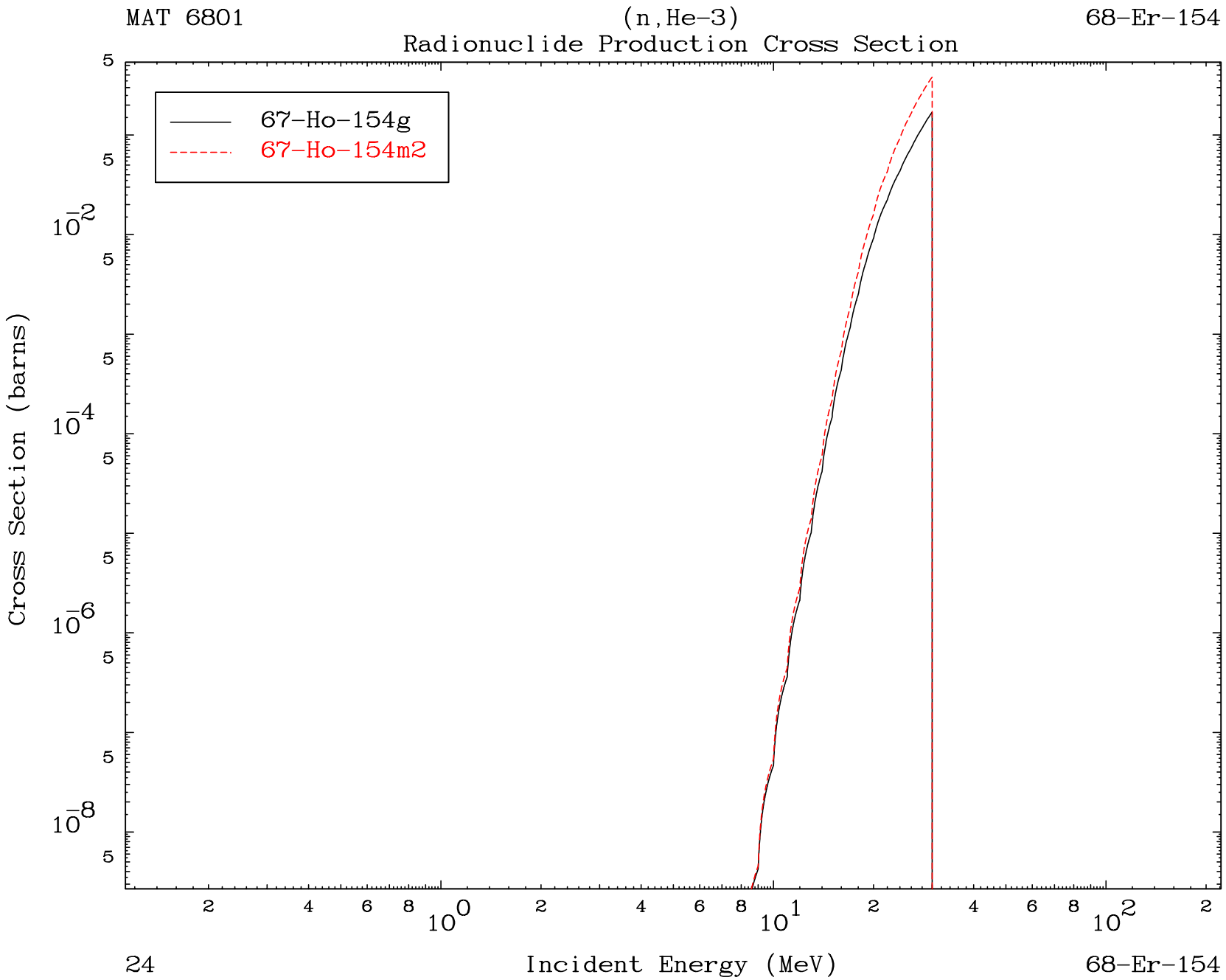

MAT 6801
(n,n') 2α
68-Er-154
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
19
68-Er-154

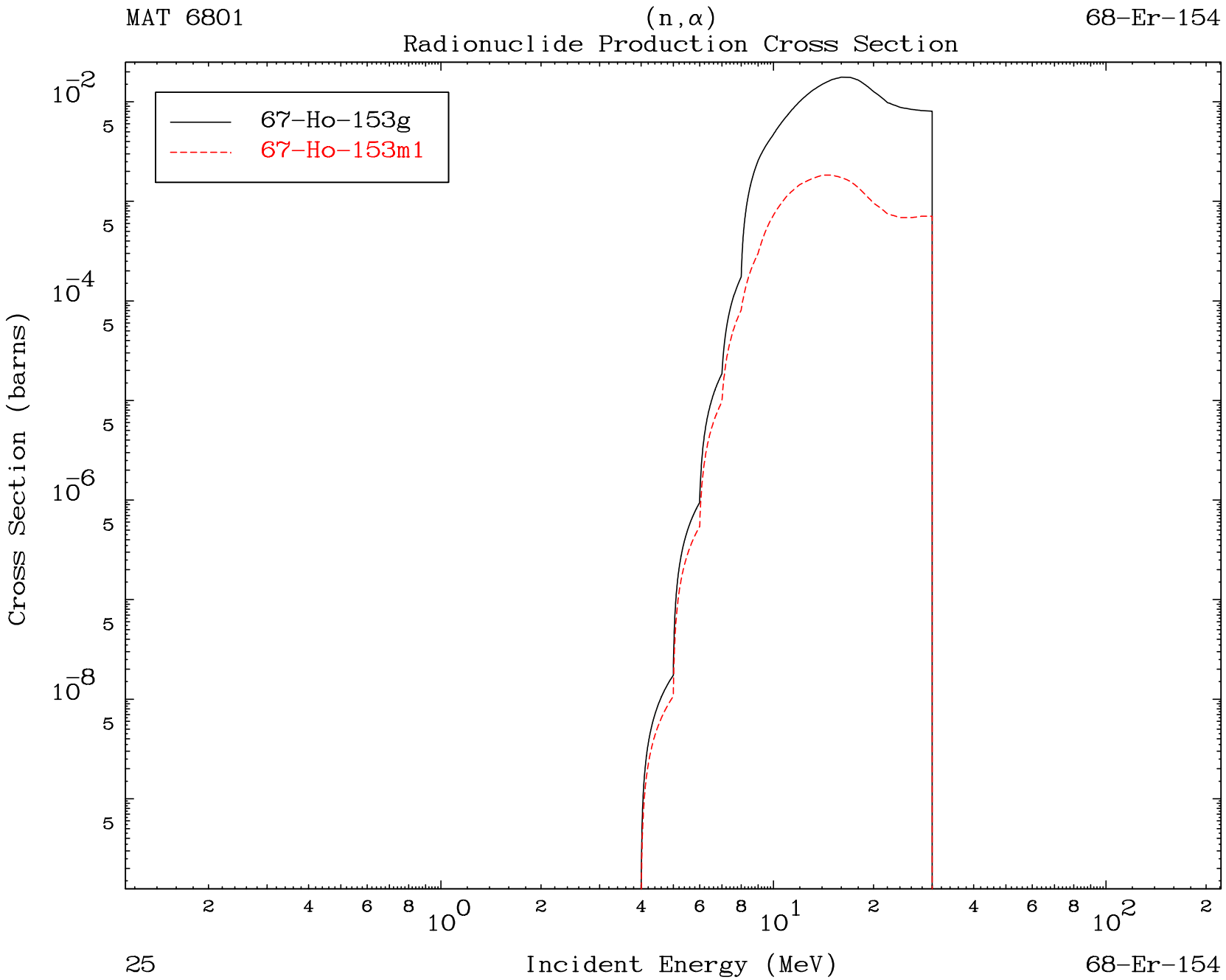

MAT 6801
(n,2n) 2α
68-Er-154
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
20
68-Er-154

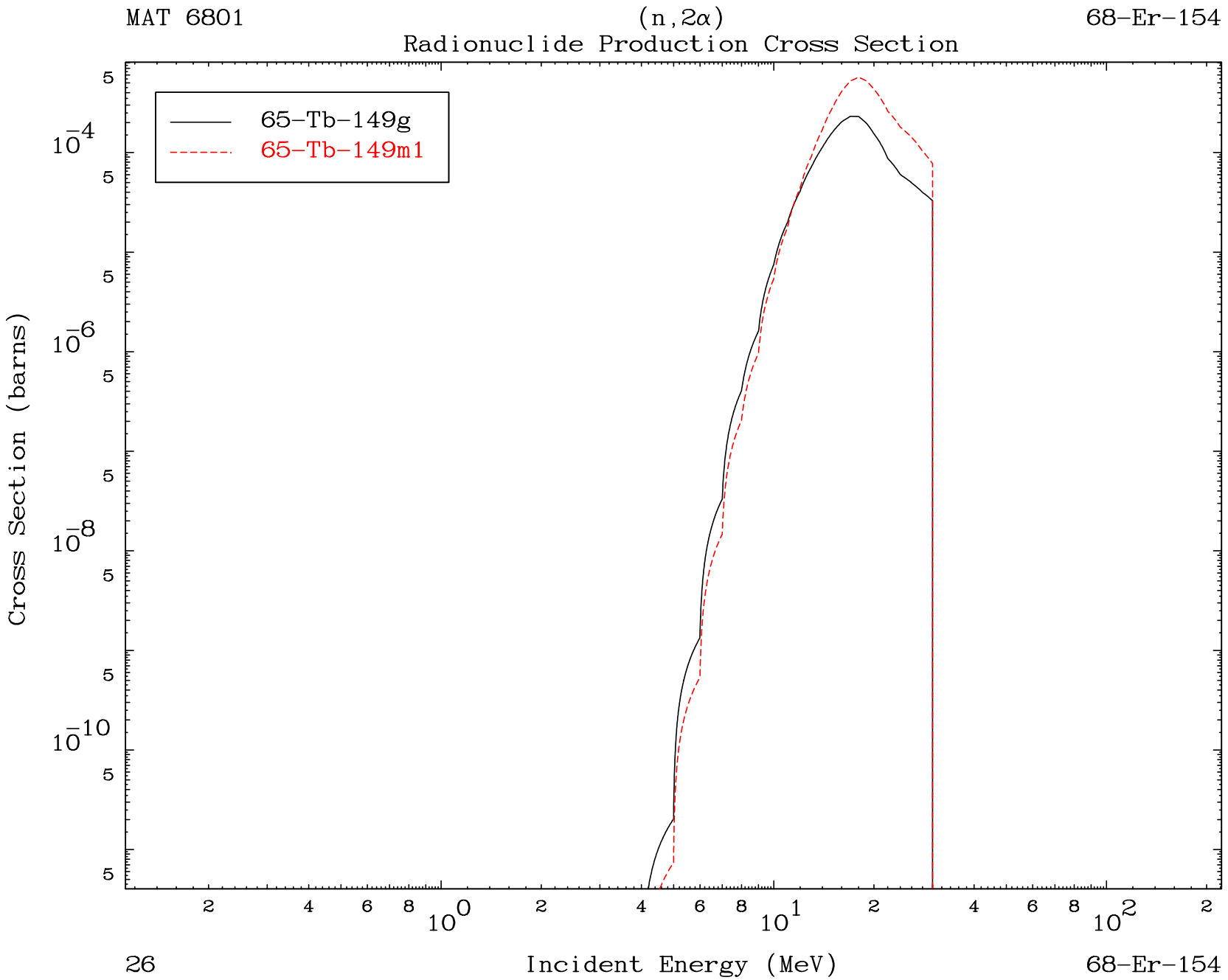

MAT 6801
(n,n') He-3
68-Er-154
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
21
68-Er-154

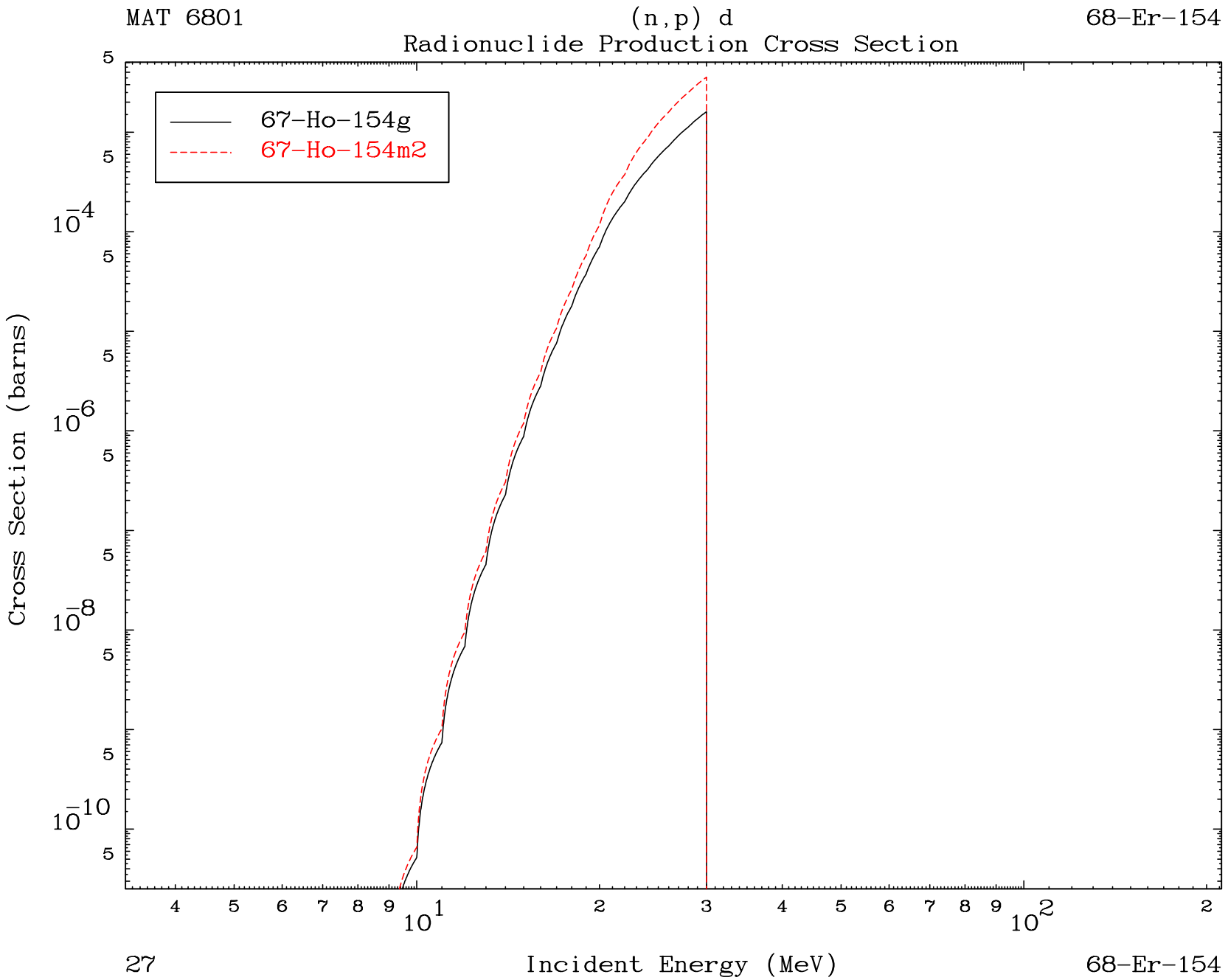

MAT 6801
(n,4n)
68-Er-154
Radionuclide Production Cross Section
69-Tm-153g
69-Tm-153m1
Cross Section (barns)
10^-3
5
4
3
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
68-Er-154

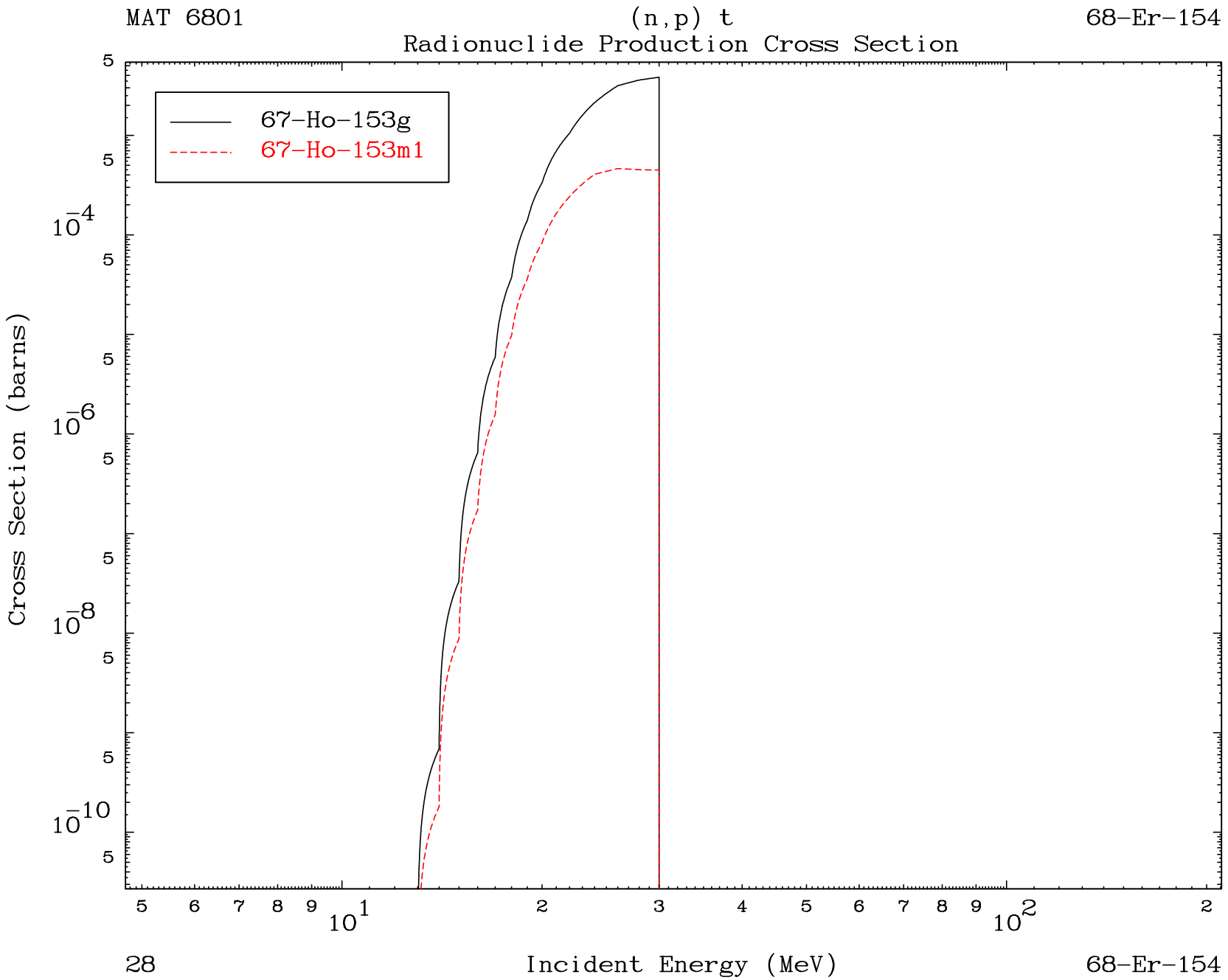

MAT 6801
(n,2n) p
68-Er-154
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
23
68-Er-154


MAT 6801
(n,He-3)
68-Er-154
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
24
68-Er-154


MAT 6801
(n,α)
68-Er-154
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
25
68-Er-154


MAT 6801
(n,2α)
68-Er-154
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
Incident Energy (MeV)
26
68-Er-154


MAT 6801
(n,p) d
68-Er-154
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
27
68-Er-154


MAT 6801
(n,p) t
68-Er-154
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
28
68-Er-154