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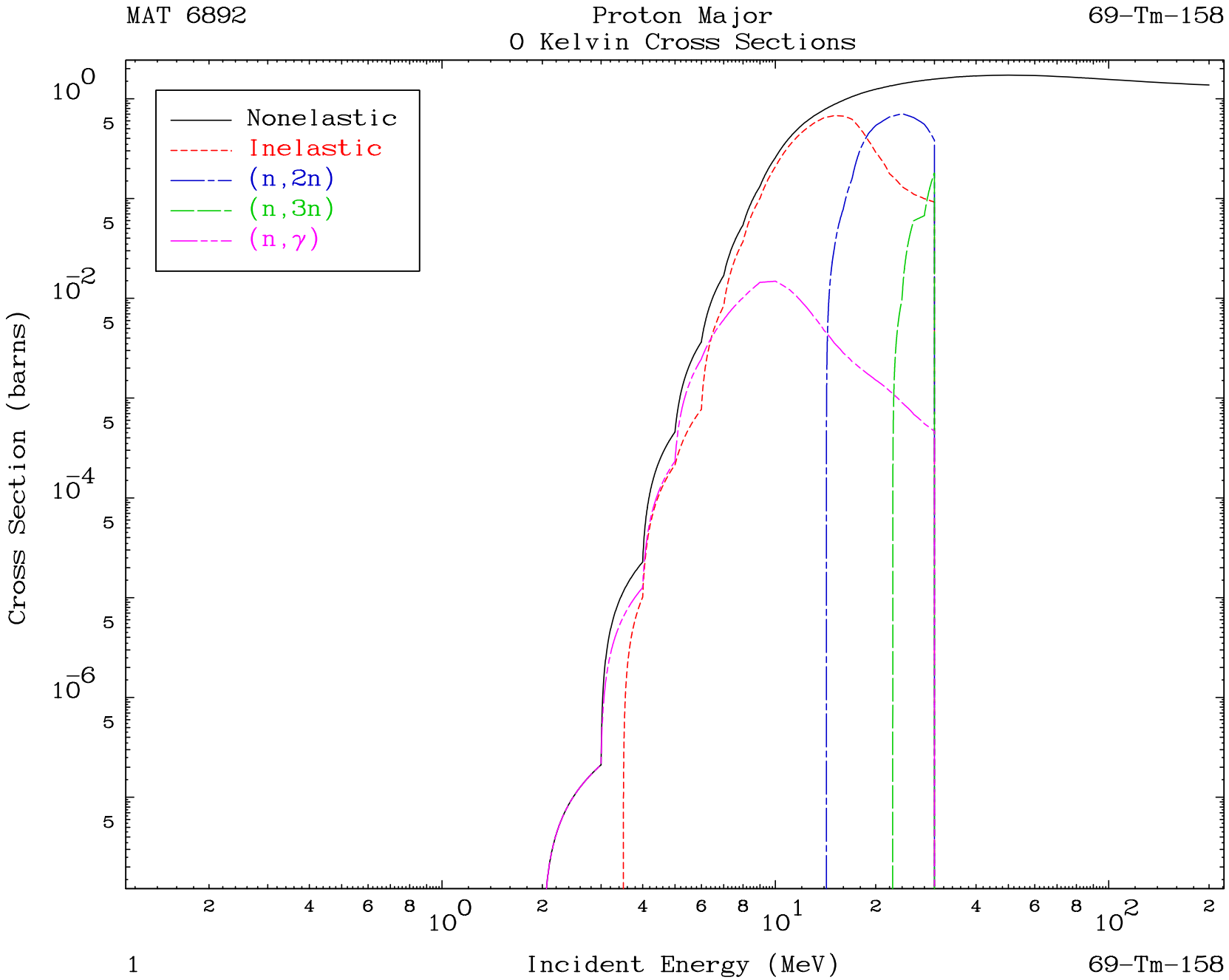
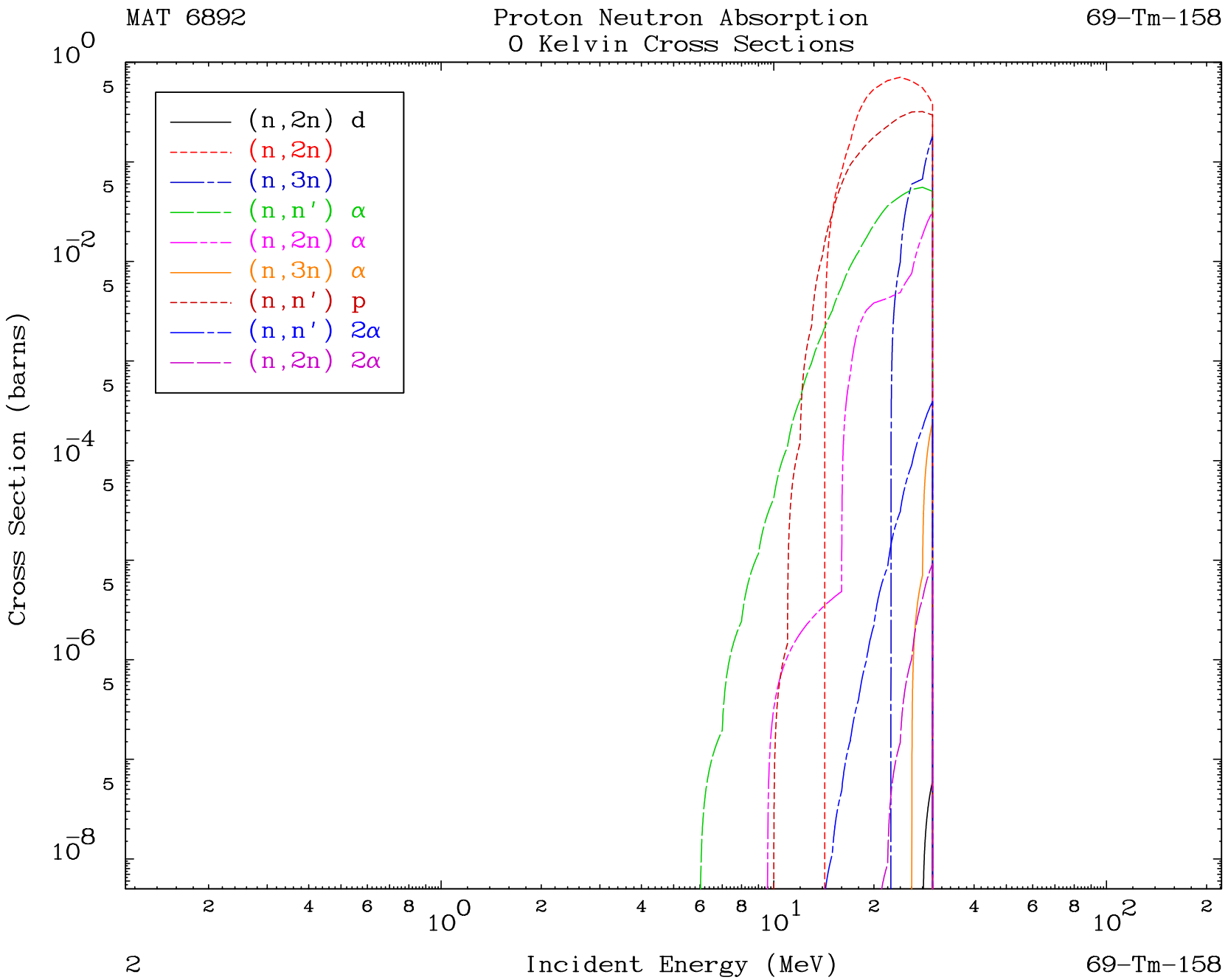
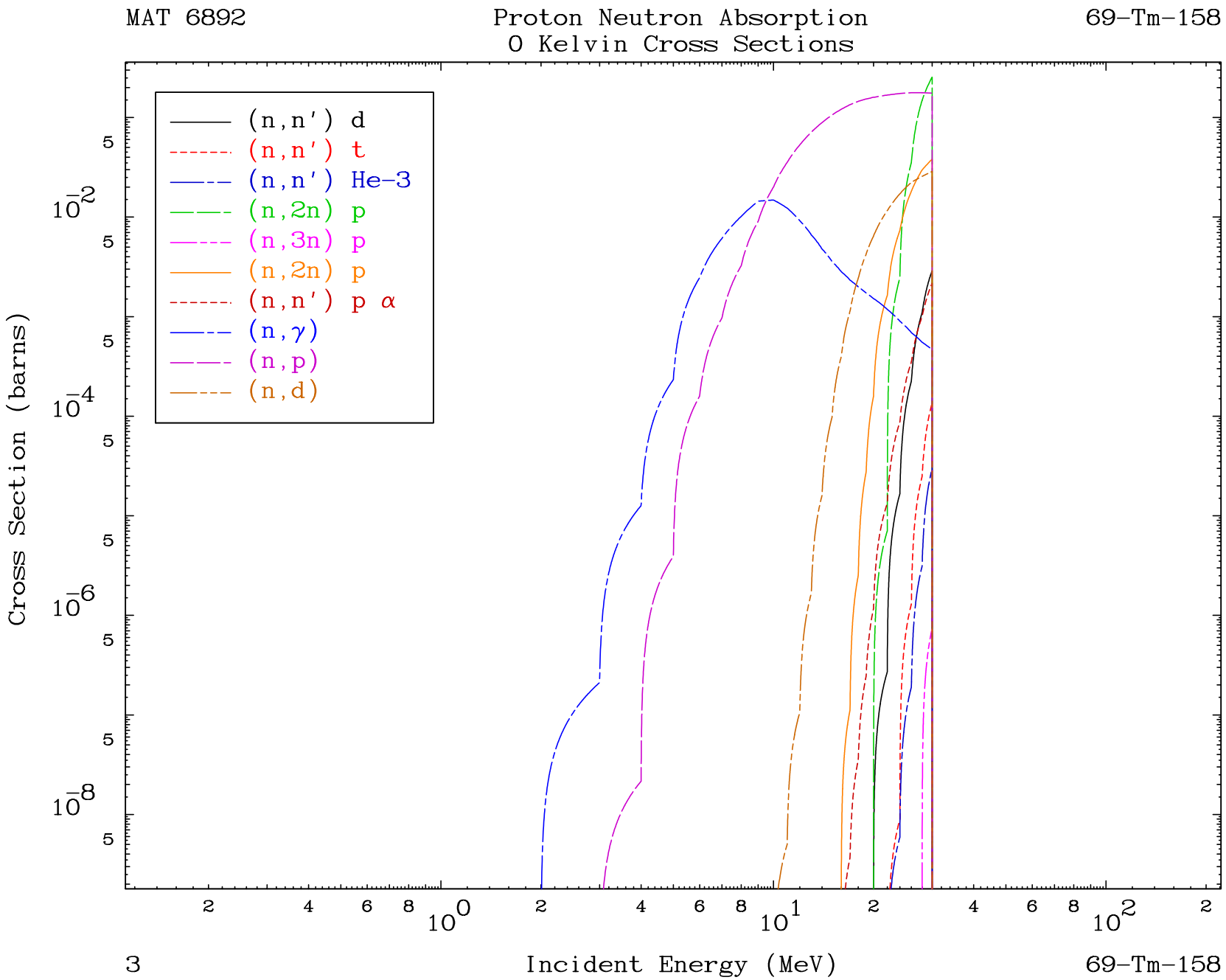
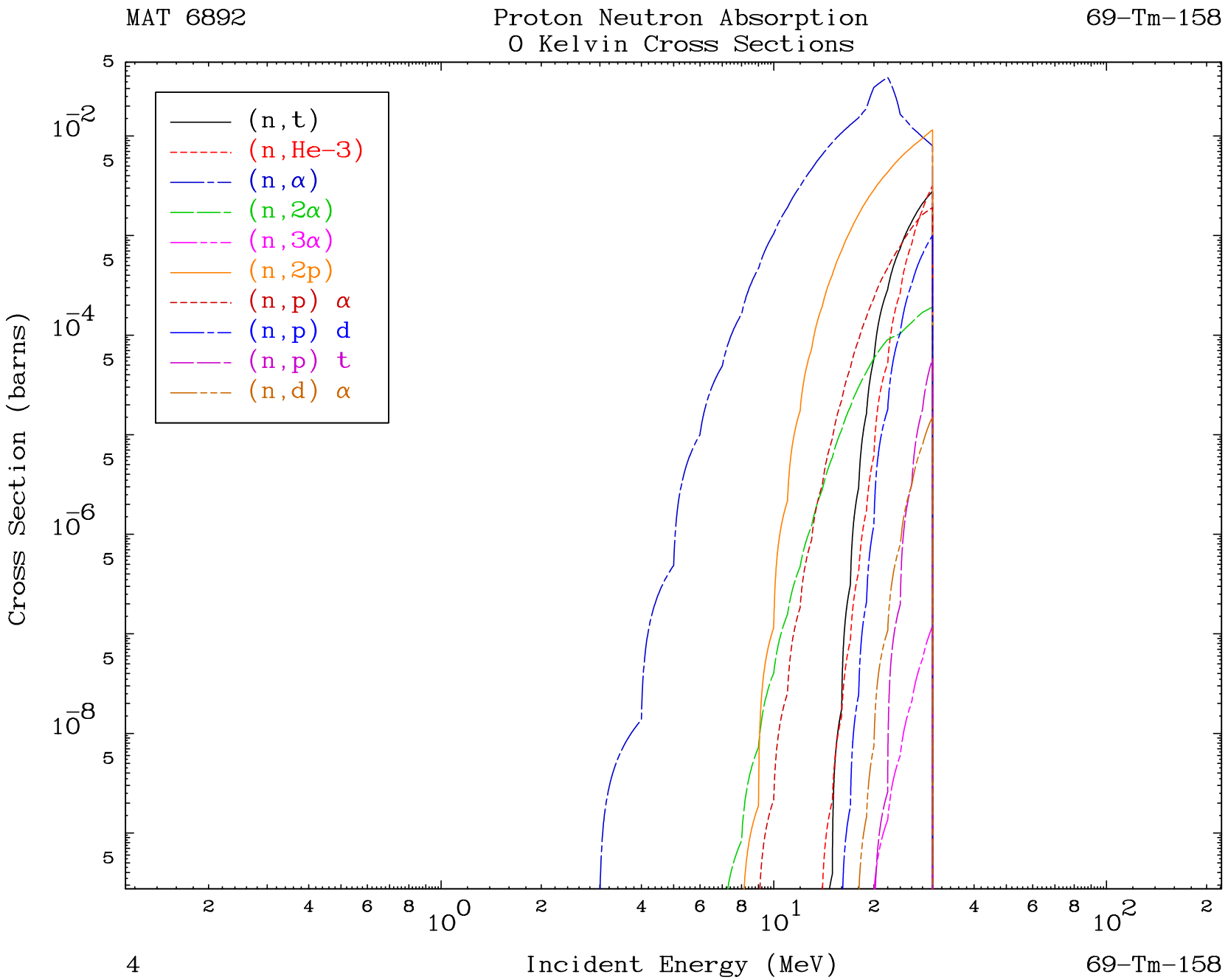
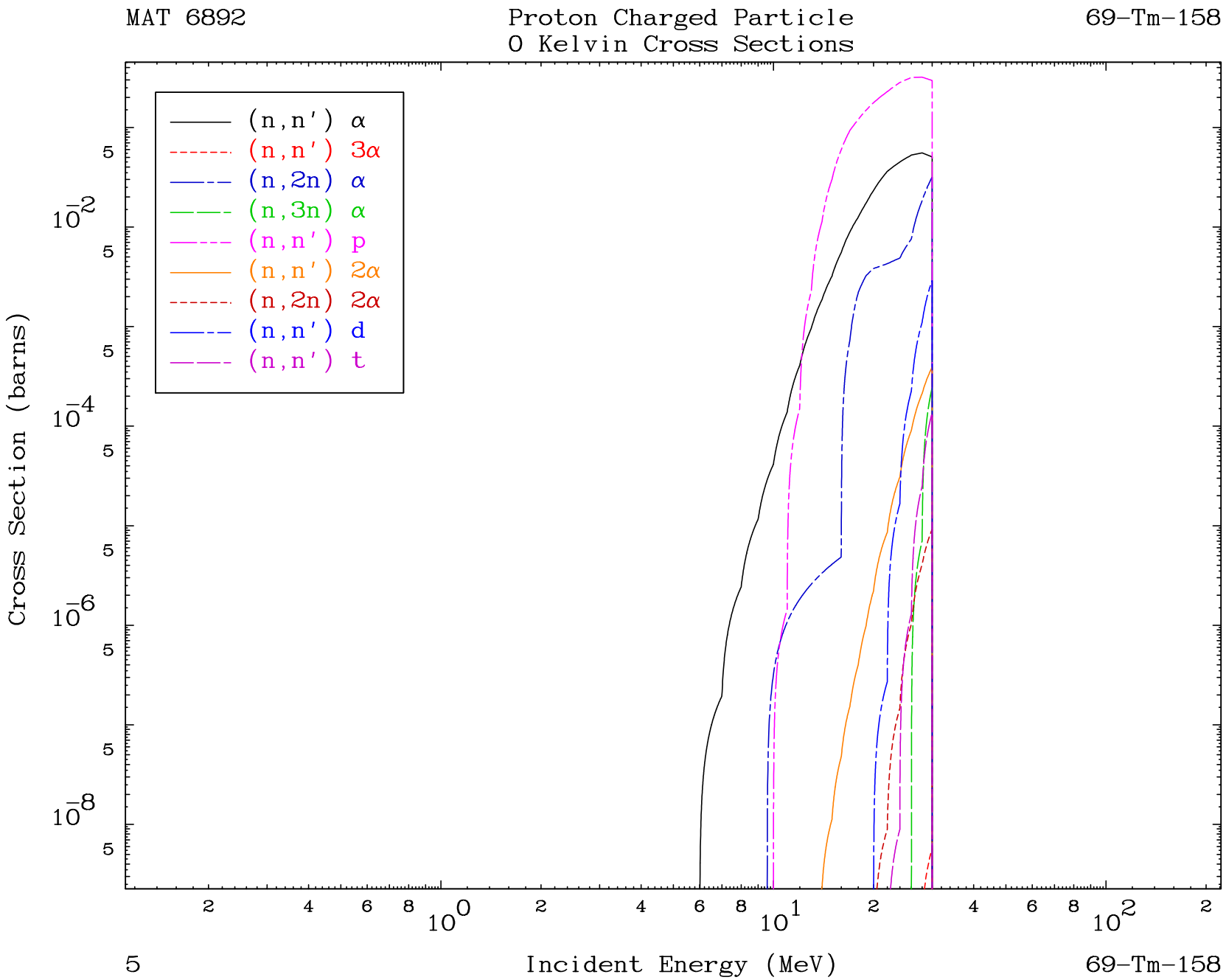
Press Mouse Button to Start

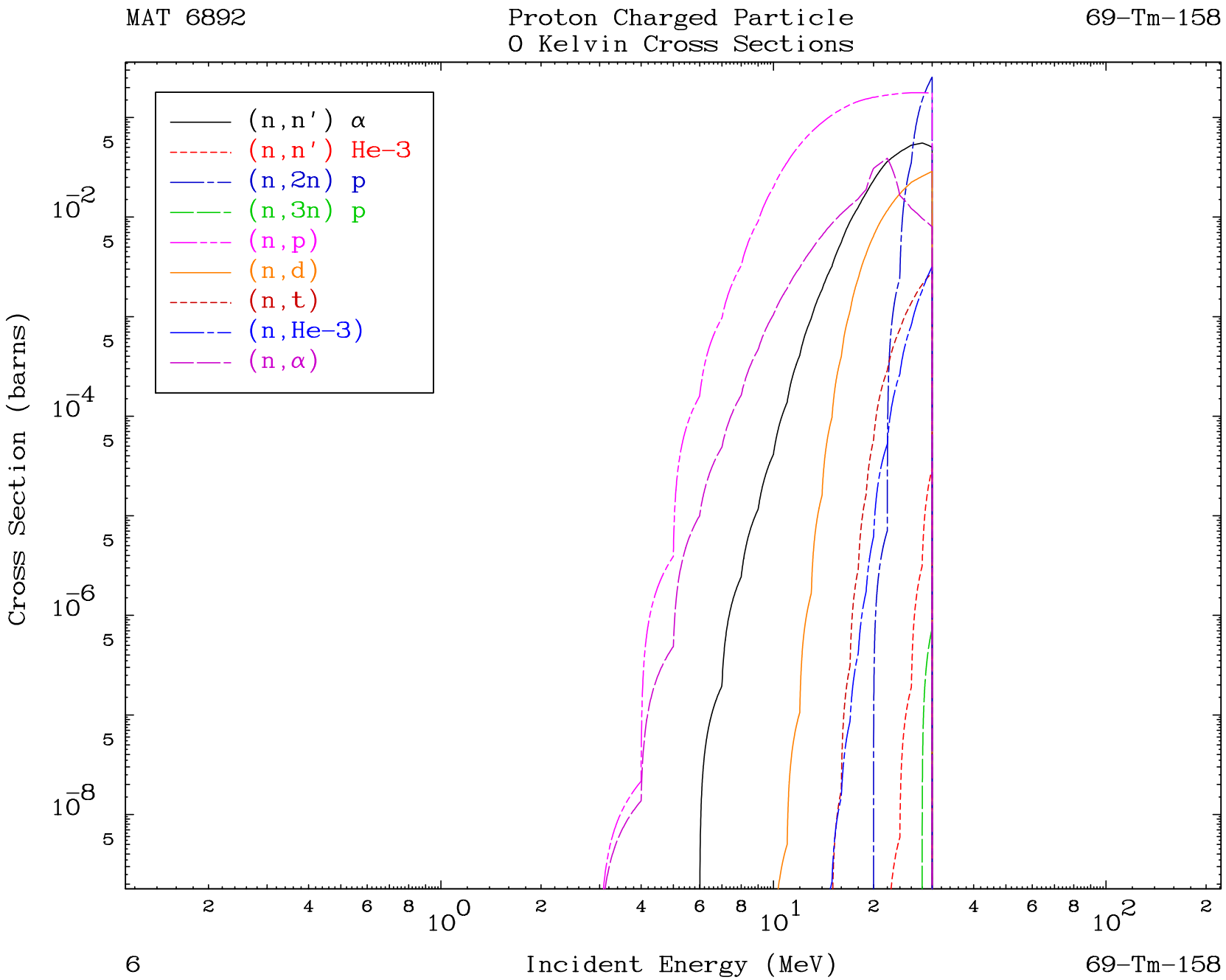

MAT 6892
Proton Major
69-Tm-158
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-158
1

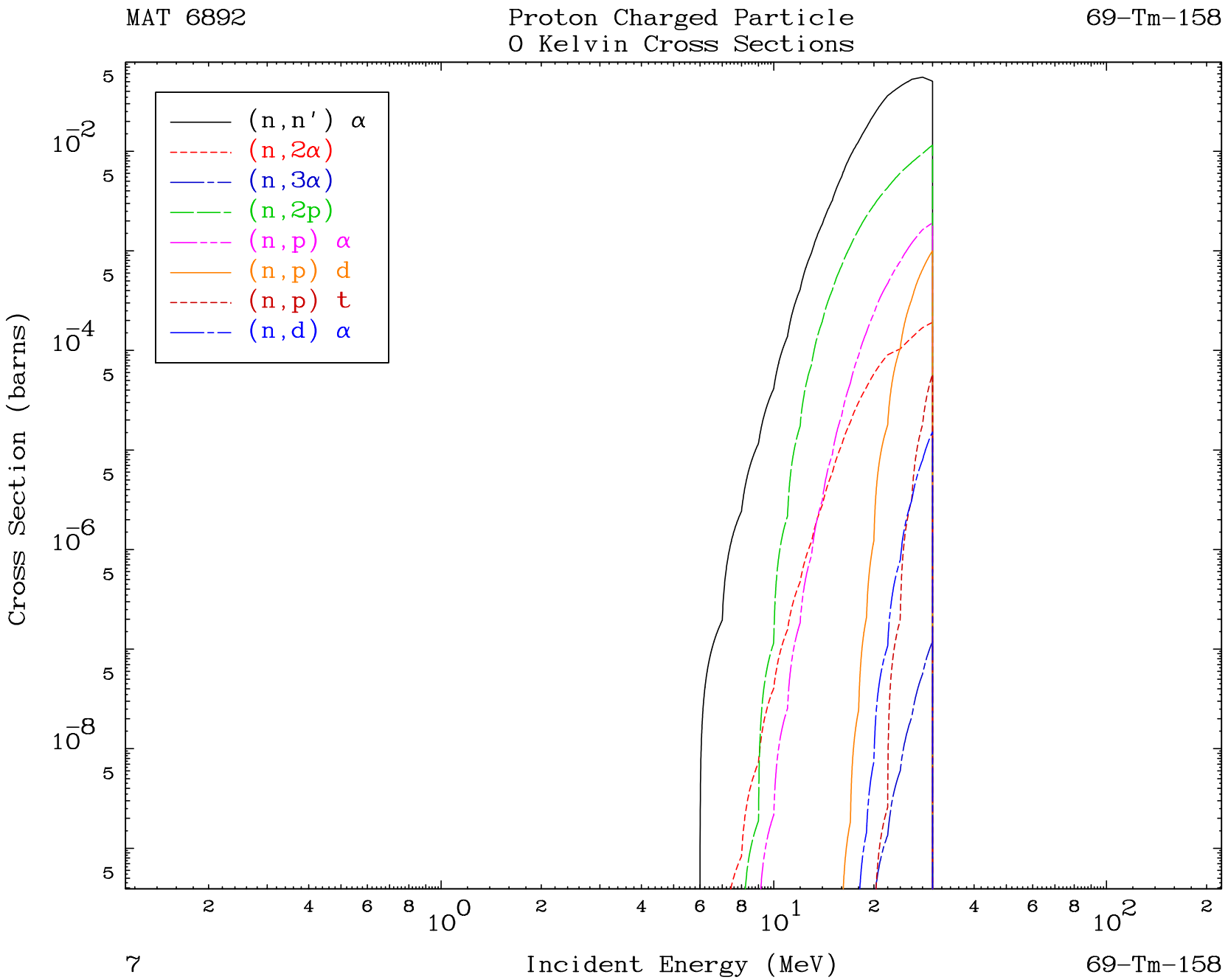

MAT 6892
Proton Neutron Absorption
0 Kelvin Cross Sections
69-Tm-158
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
Cross Section (barns)
Incident Energy (MeV)
69-Tm-158
2

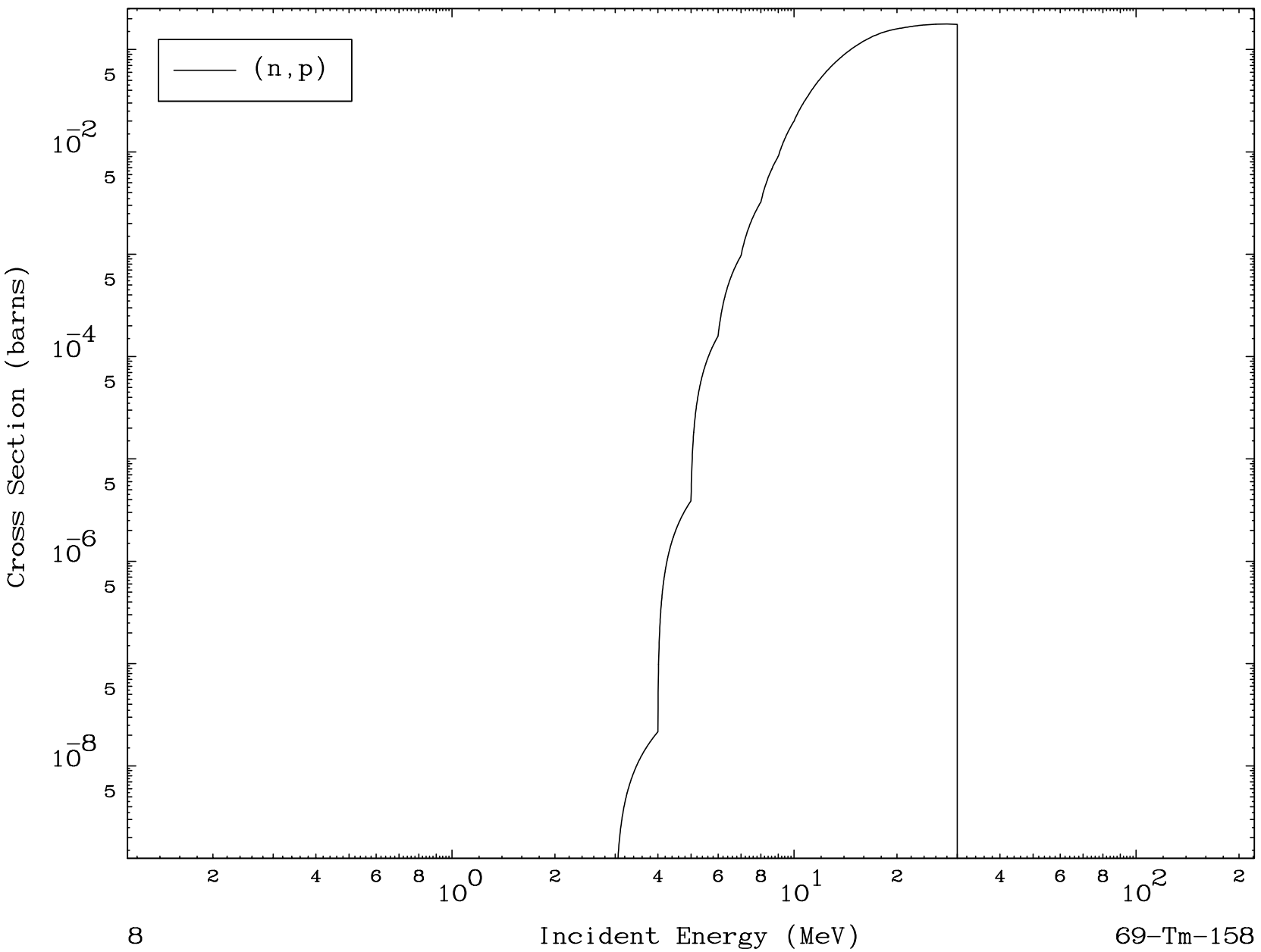

MAT 6892
Proton Neutron Absorption
0 Kelvin Cross Sections
69-Tm-158
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
69-Tm-158

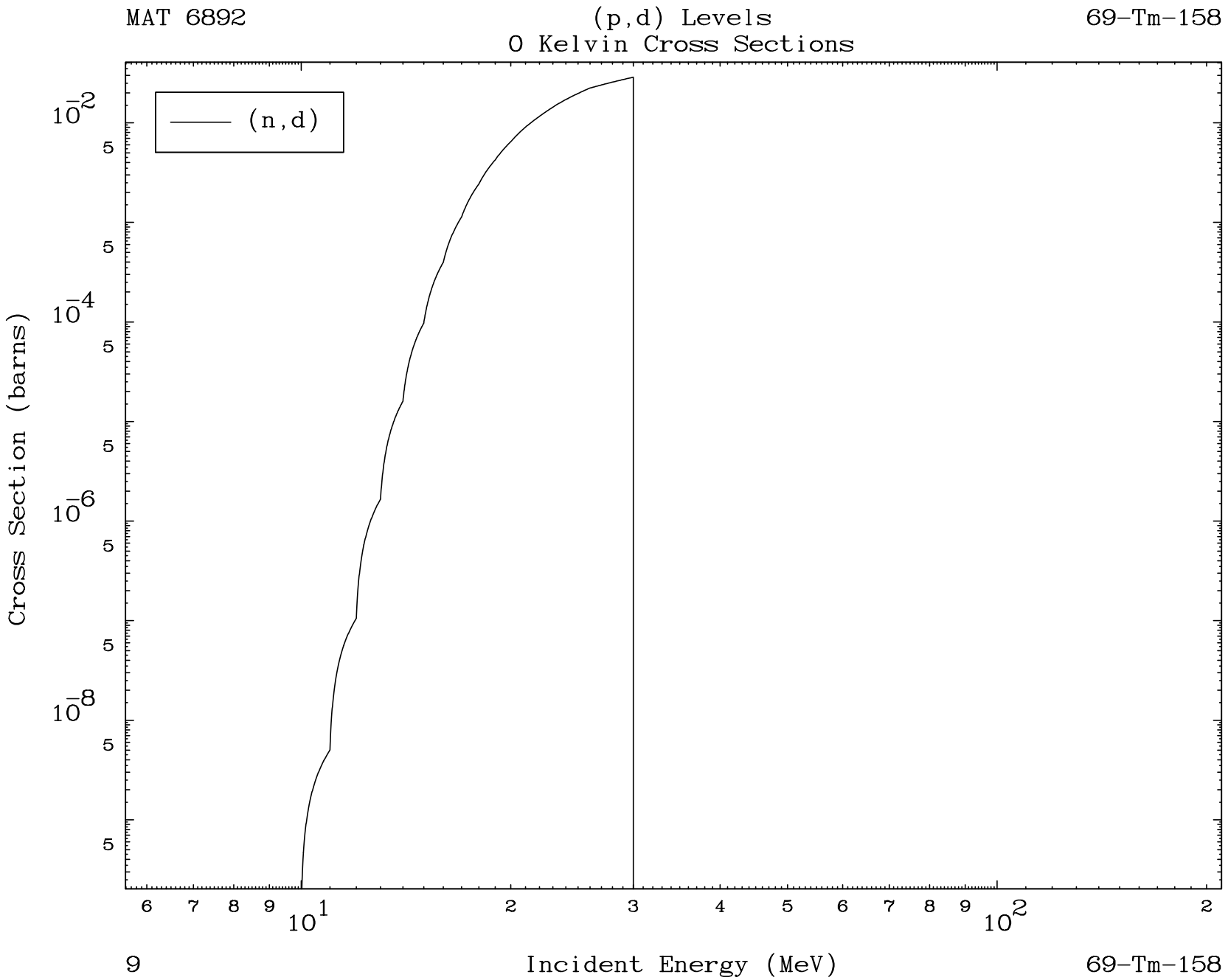

MAT 6892
Proton Neutron Absorption
0 Kelvin Cross Sections
69-Tm-158
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
69-Tm-158

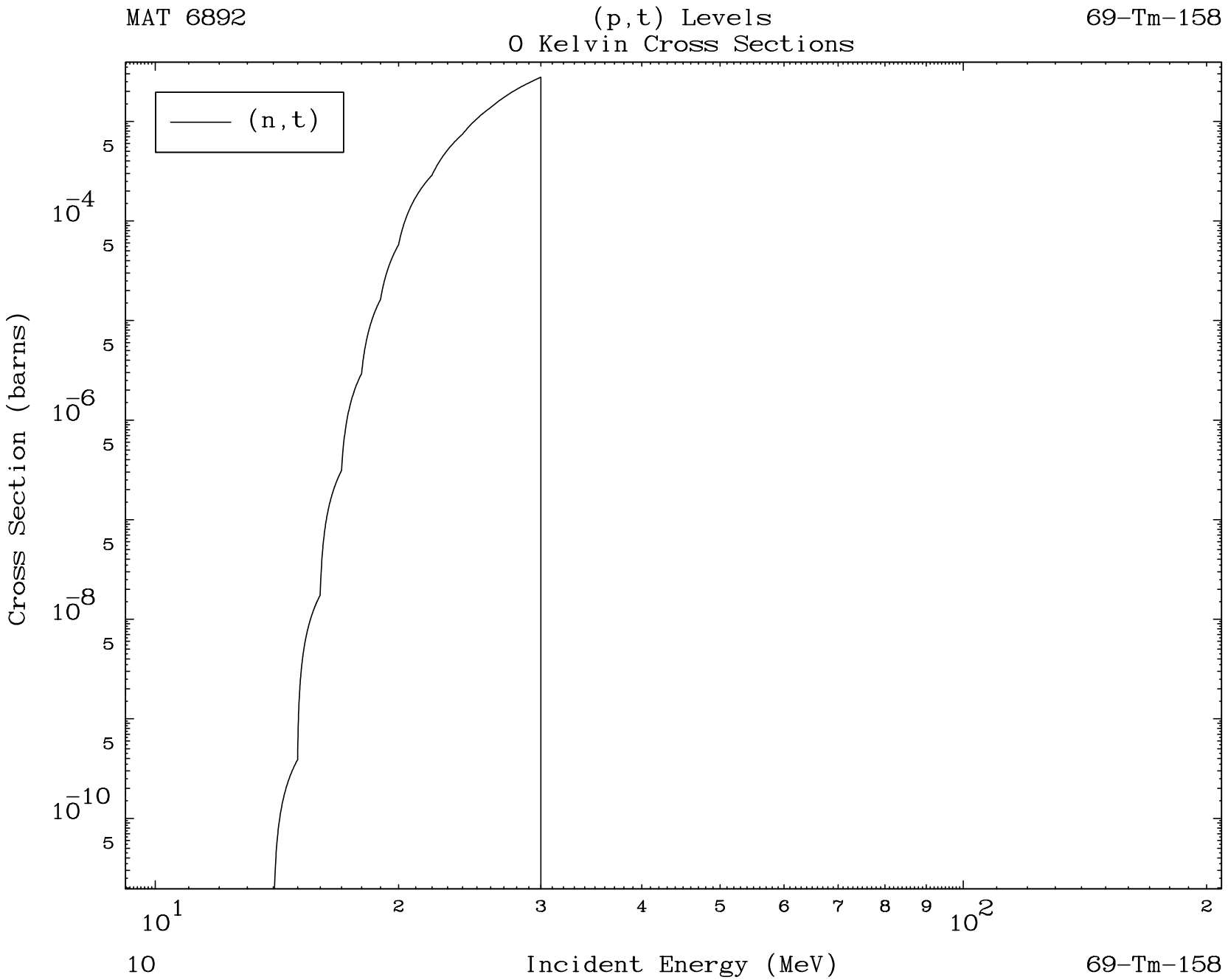

MAT 6892
Proton Charged Particle
0 Kelvin Cross Sections
69-Tm-158
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
5
69-Tm-158

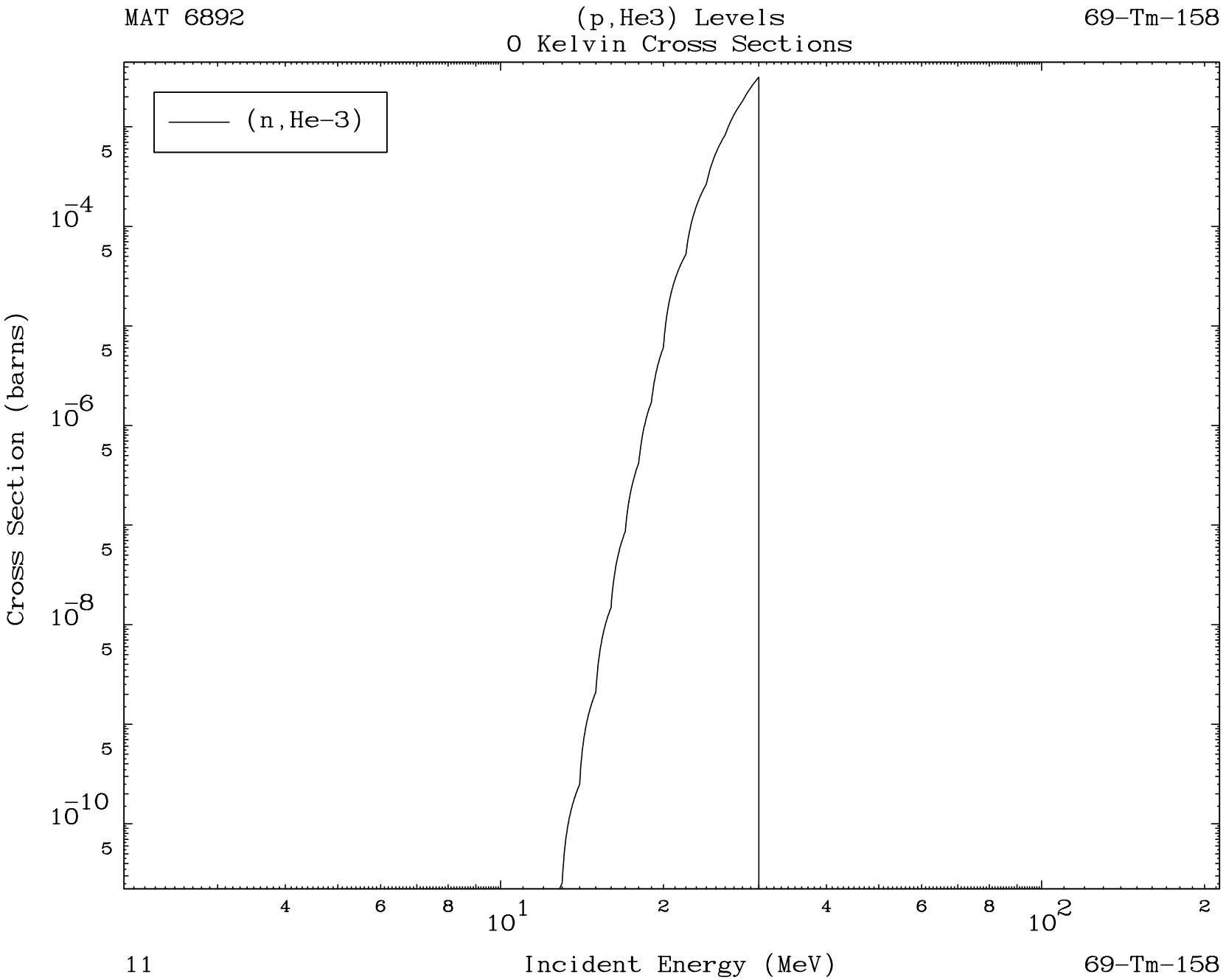

MAT 6892
Proton Charged Particle
0 Kelvin Cross Sections
69-Tm-158
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
6
69-Tm-158

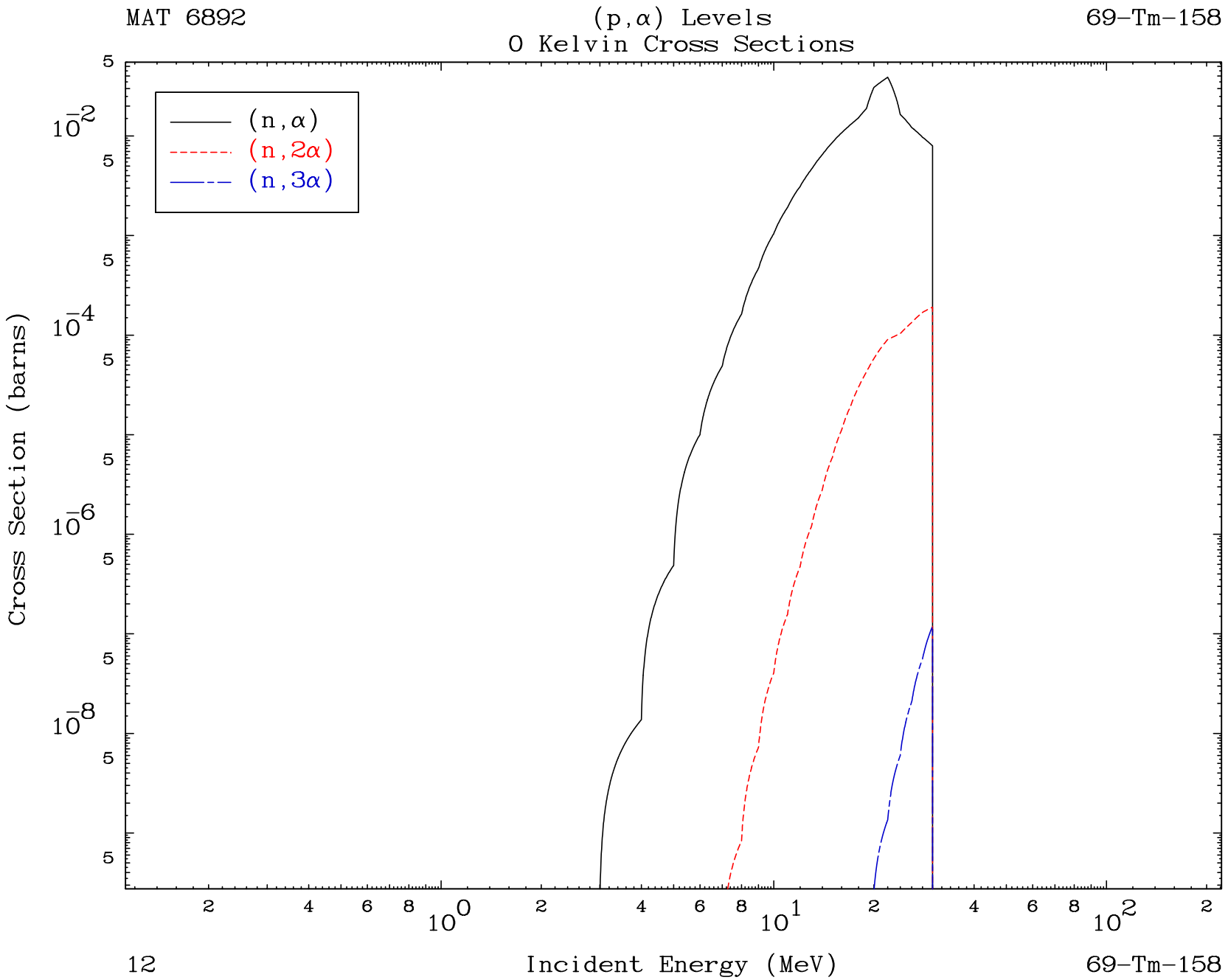

MAT 6892
Proton Charged Particle
0 Kelvin Cross Sections
69-Tm-158
(n,n') α
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
69-Tm-158

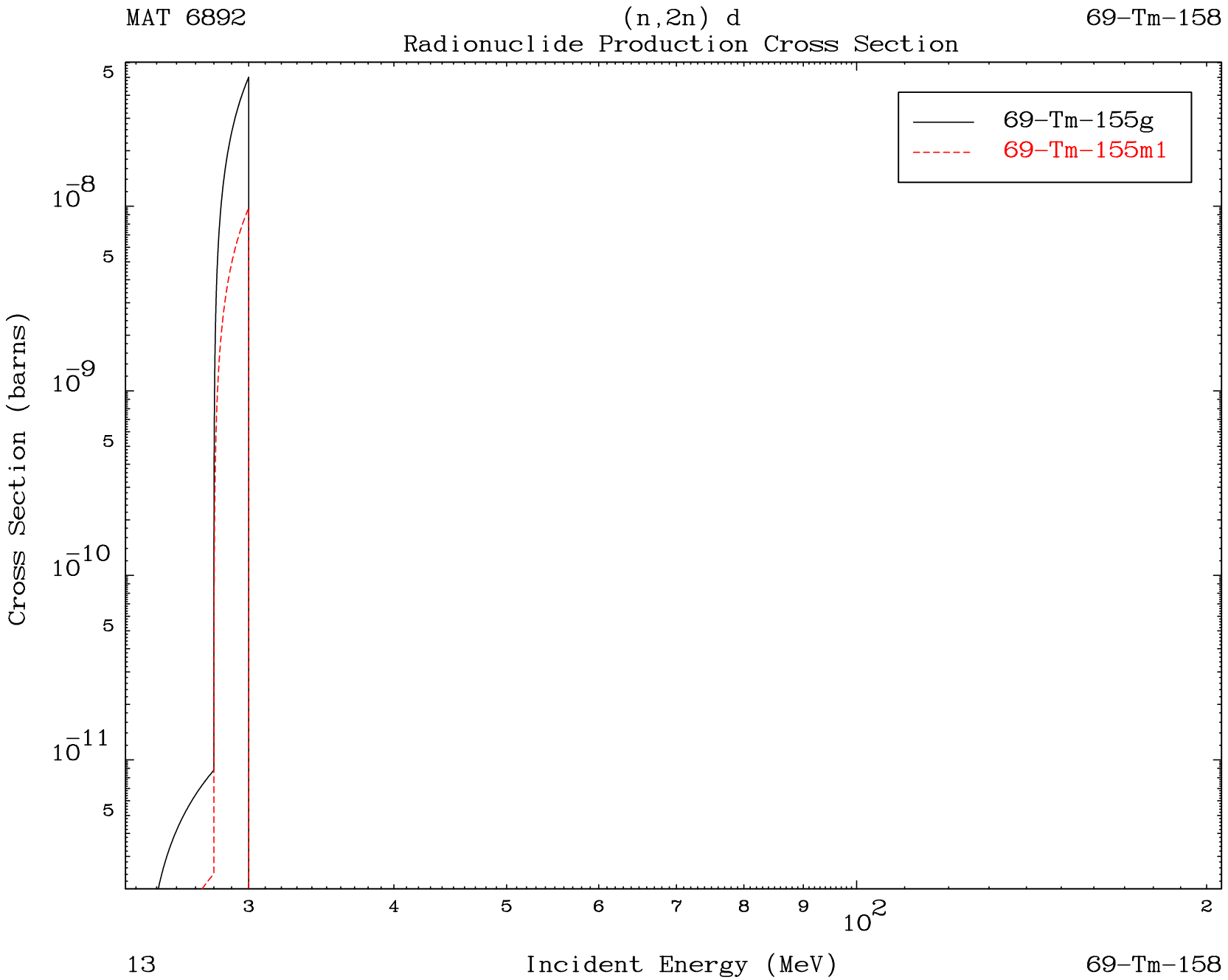

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

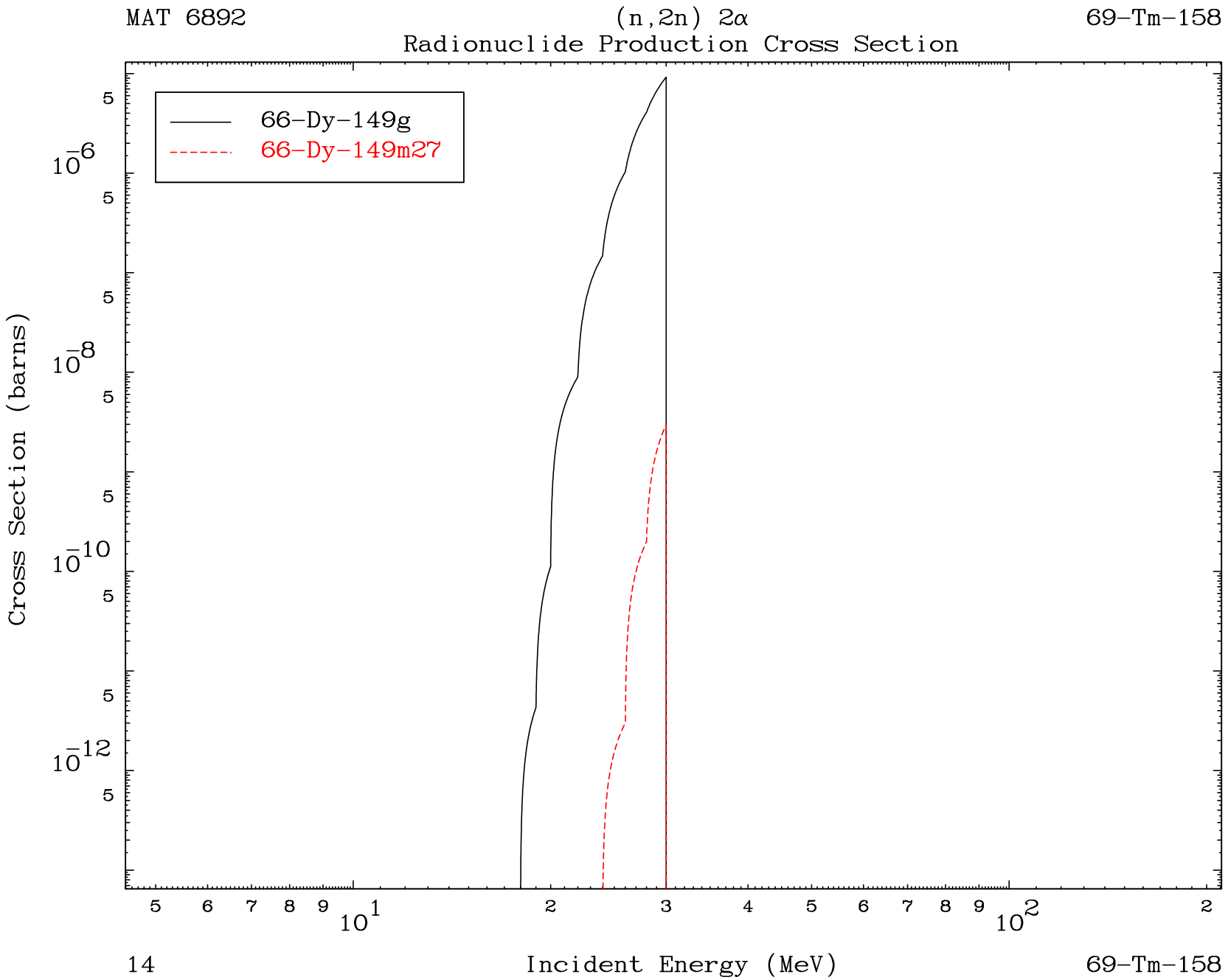

MAT 6892
(p,d) Levels
69-Tm-158
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10^1
10^2
9
69-Tm-158

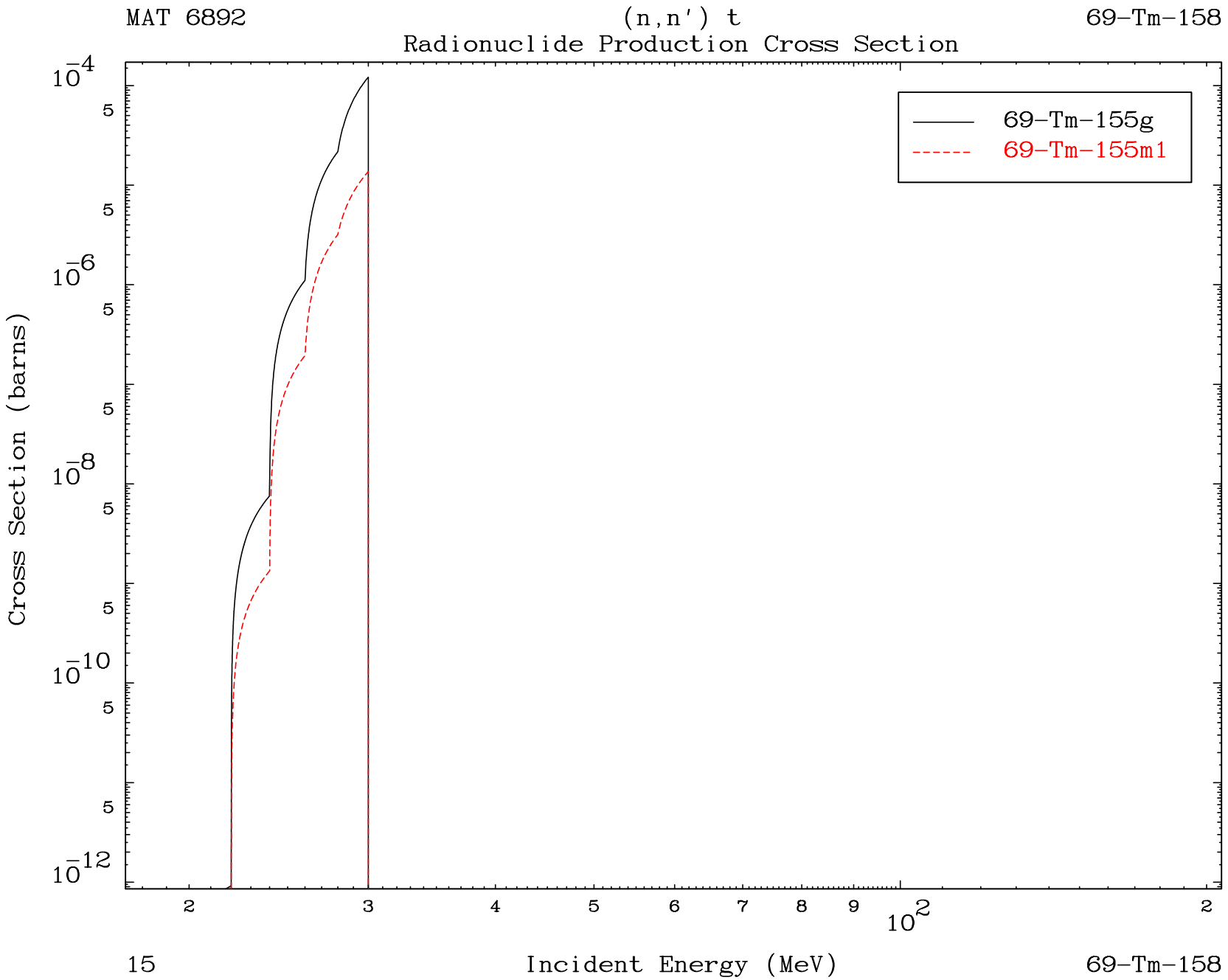

MAT 6892
(p,t) Levels
69-Tm-158
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
69-Tm-158

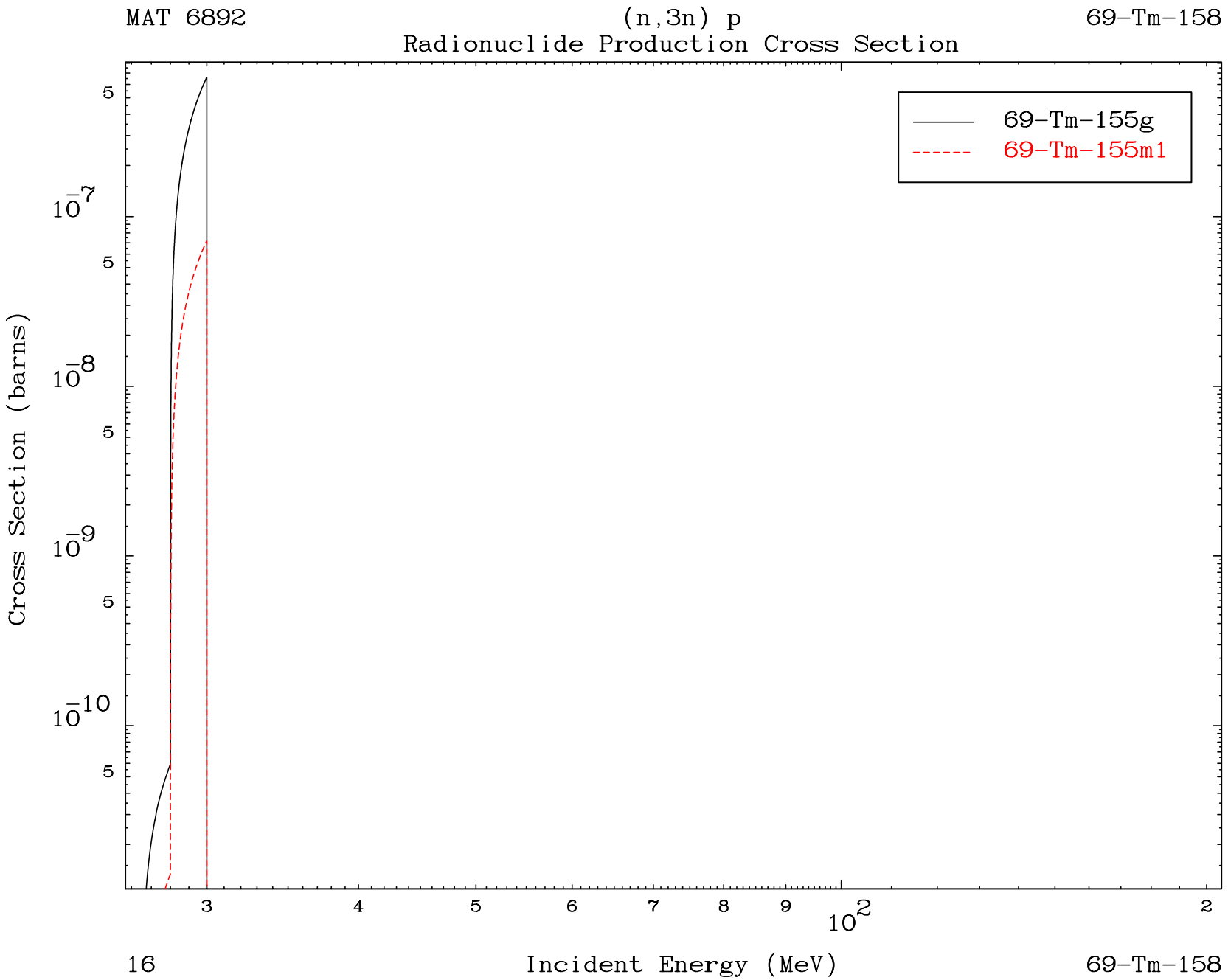

MAT 6892
(p,He3) Levels
69-Tm-158
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
4
6
8
10^1
2
10^2
Incident Energy (MeV)
11
69-Tm-158

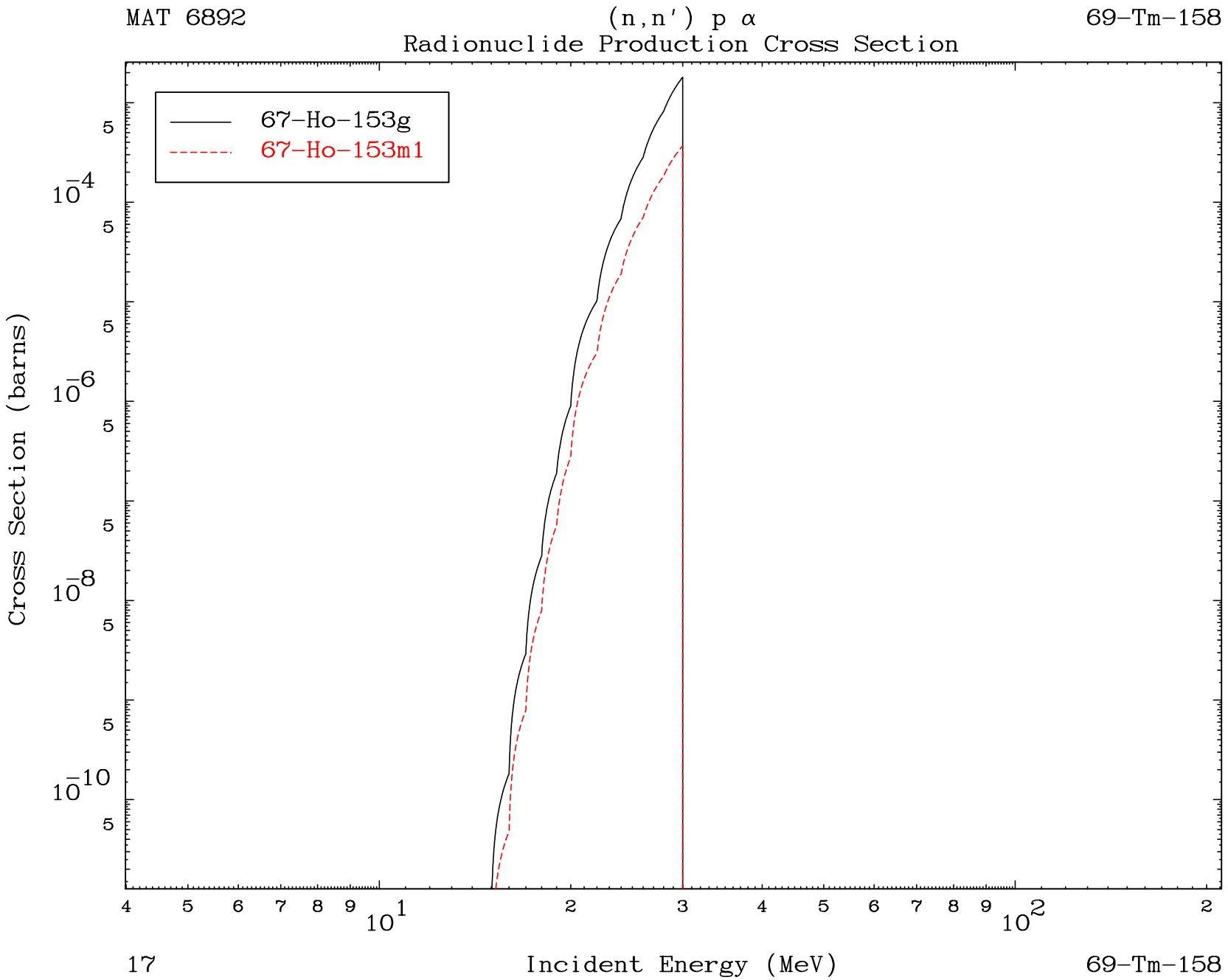

MAT 6892
(p,α) Levels
69-Tm-158
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
69-Tm-158

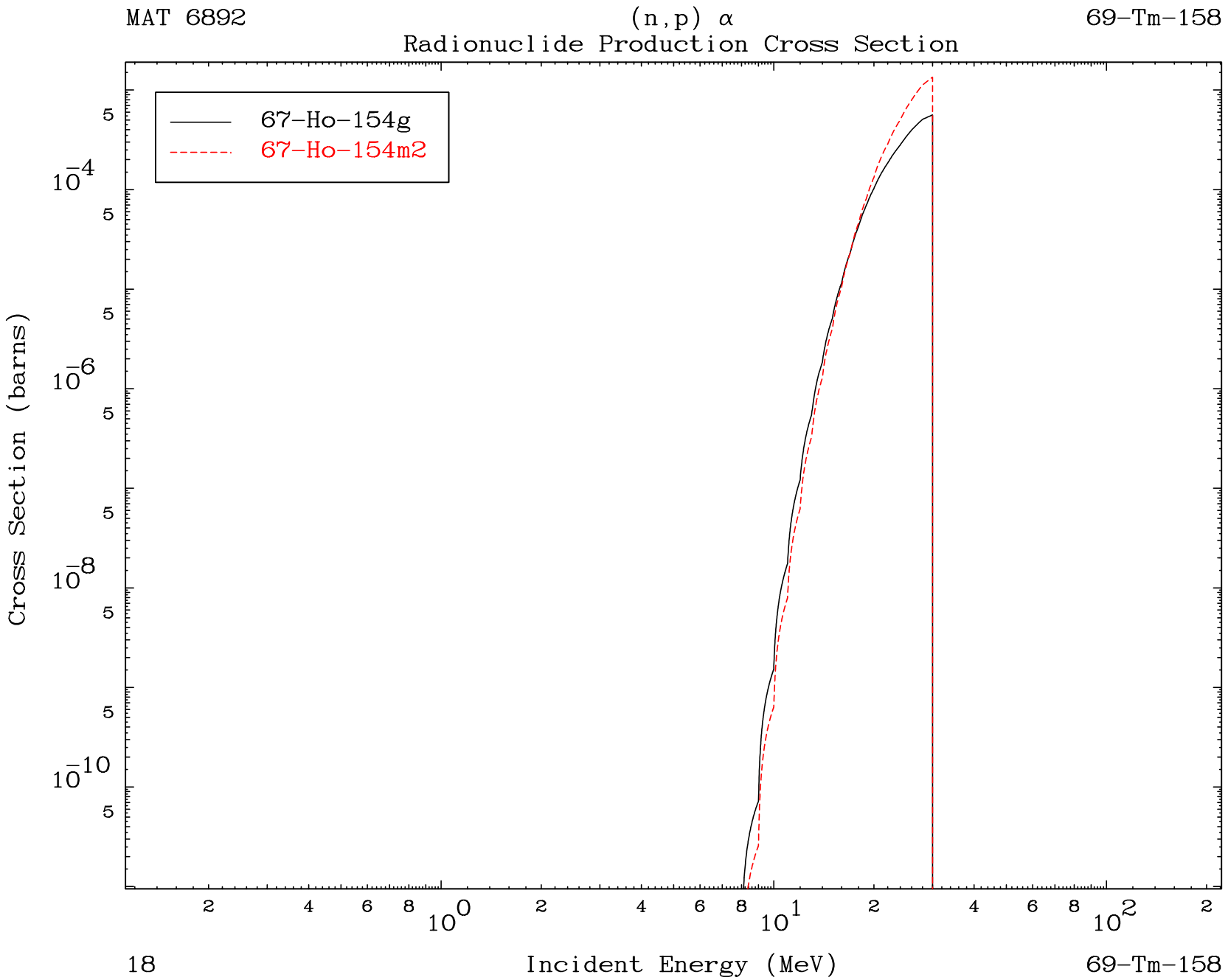

MAT 6892
(n,2n) d
69-Tm-158
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
10-8
10-9
10-10
10-11
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
69-Tm-158

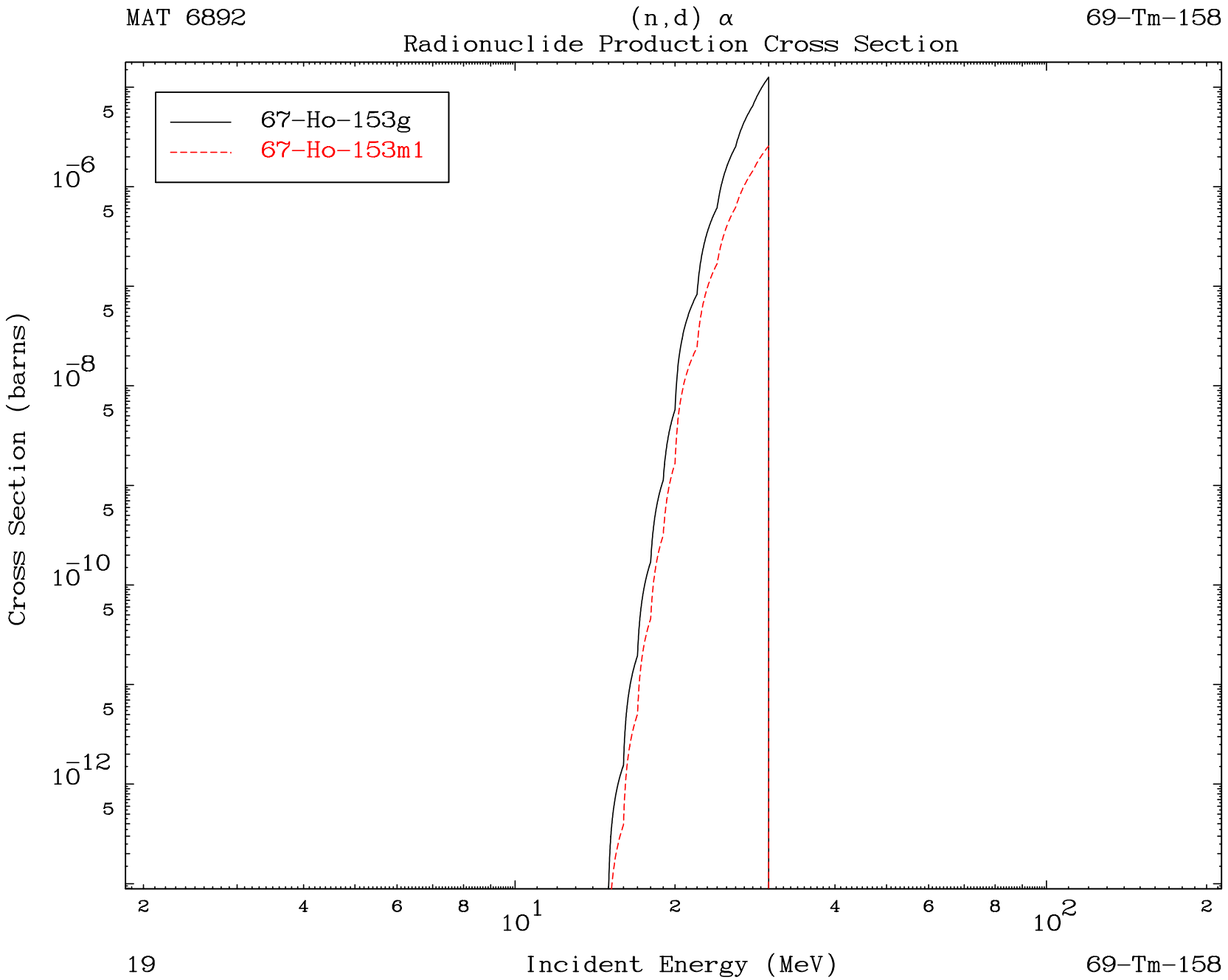

MAT 6892
(n,2n) 2α
69-Tm-158
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
69-Tm-158


MAT 6892
(n,n') t
69-Tm-158
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
69-Tm-158


MAT 6892
(n,3n) p
69-Tm-158
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
10-7
10-8
10-9
10-10
5
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
69-Tm-158


MAT 6892
(n,n') p α
69-Tm-158
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
17
Incident Energy (MeV)
69-Tm-158


MAT 6892
(n,p) α
69-Tm-158
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)
18
69-Tm-158


MAT 6892
(n,d) α
69-Tm-158
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
4
6
8
10^1
10^2
19
Incident Energy (MeV)
69-Tm-158