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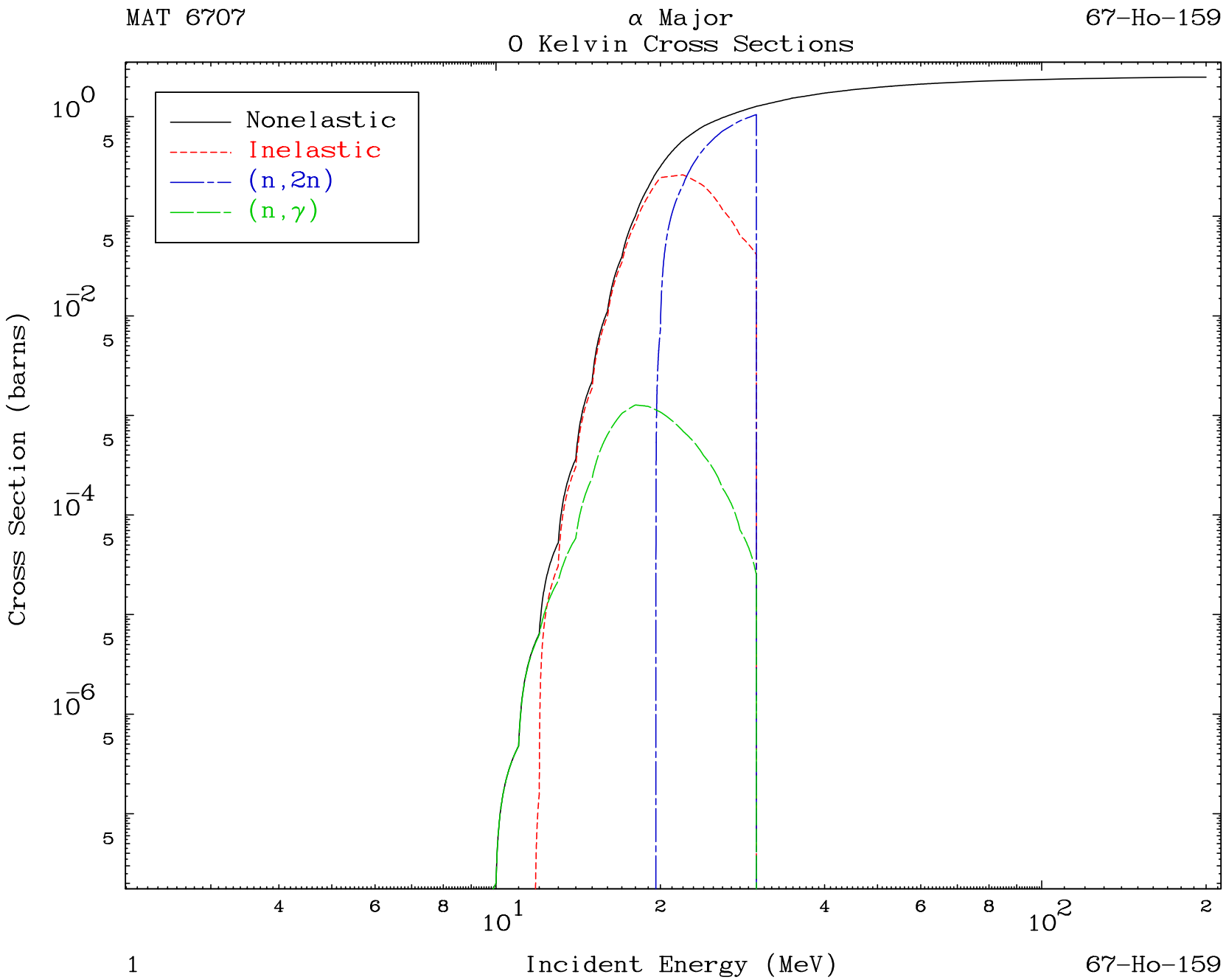
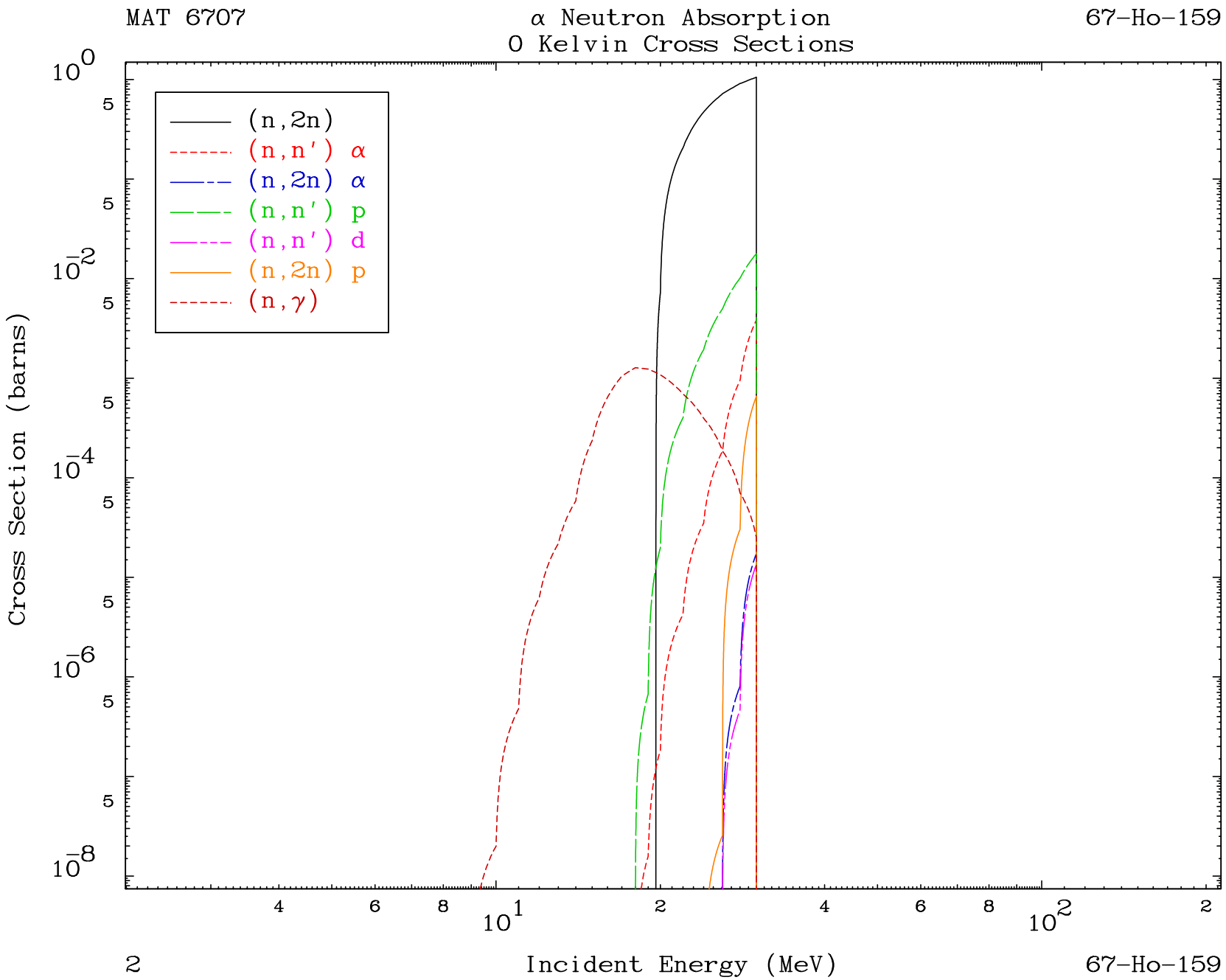
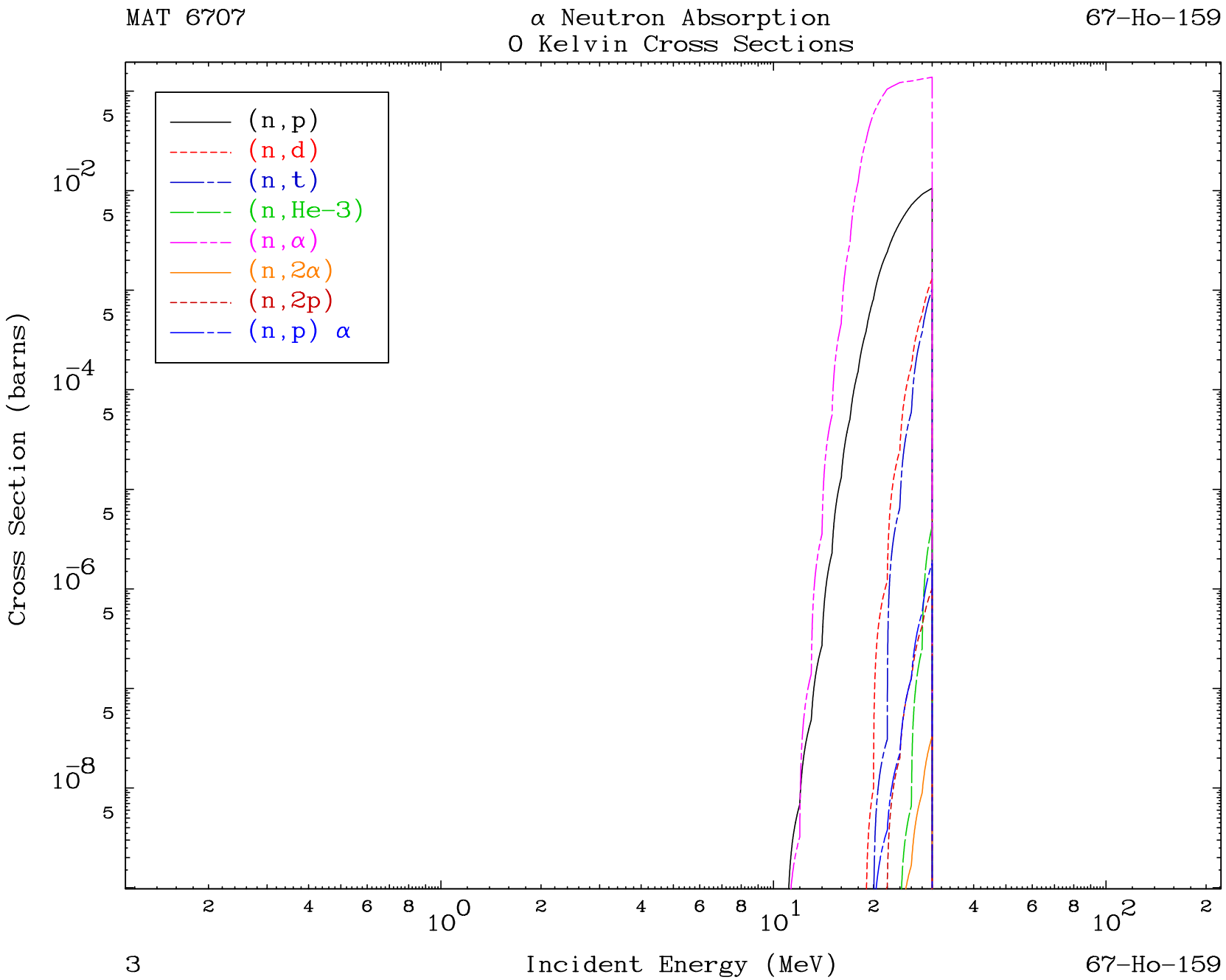
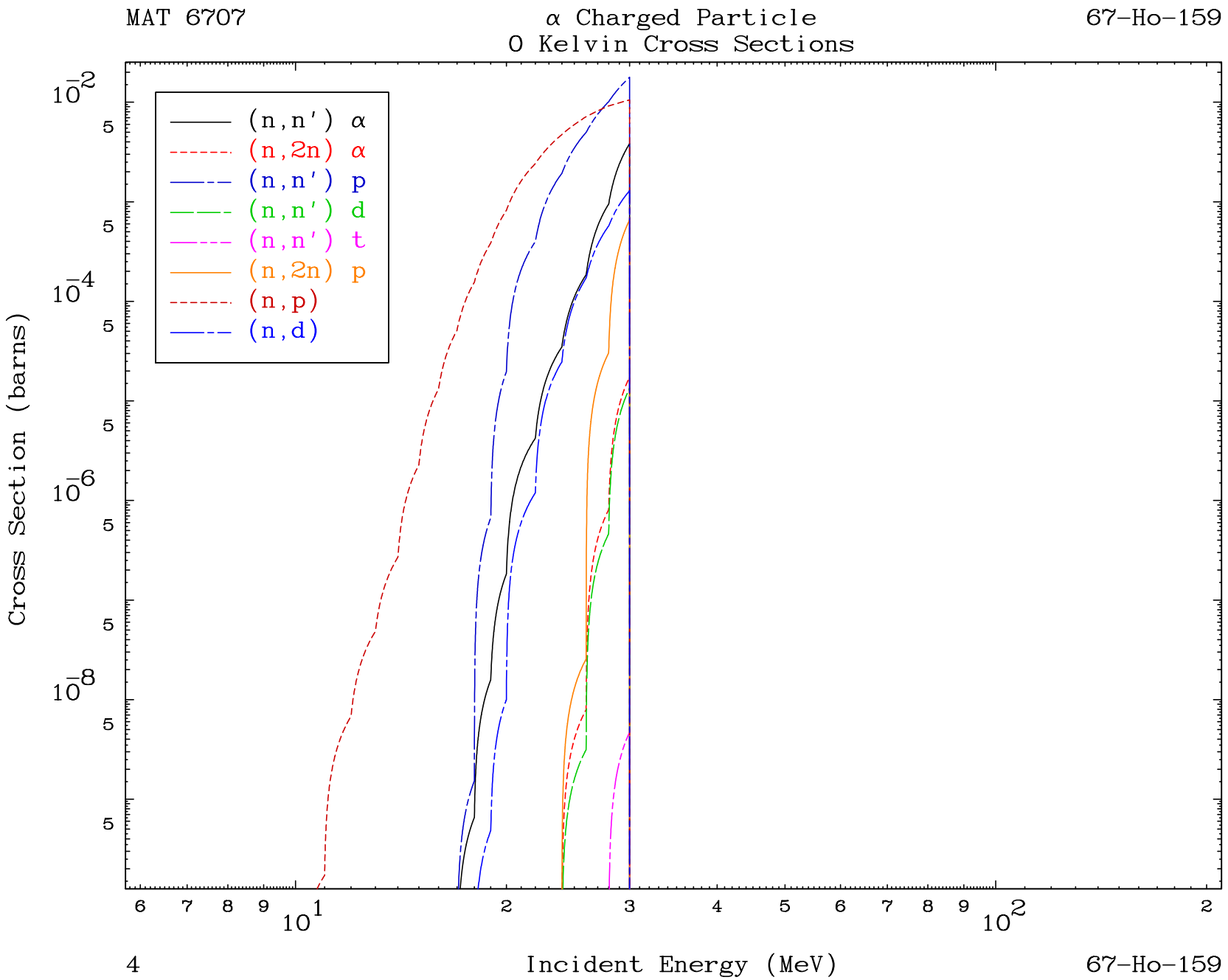
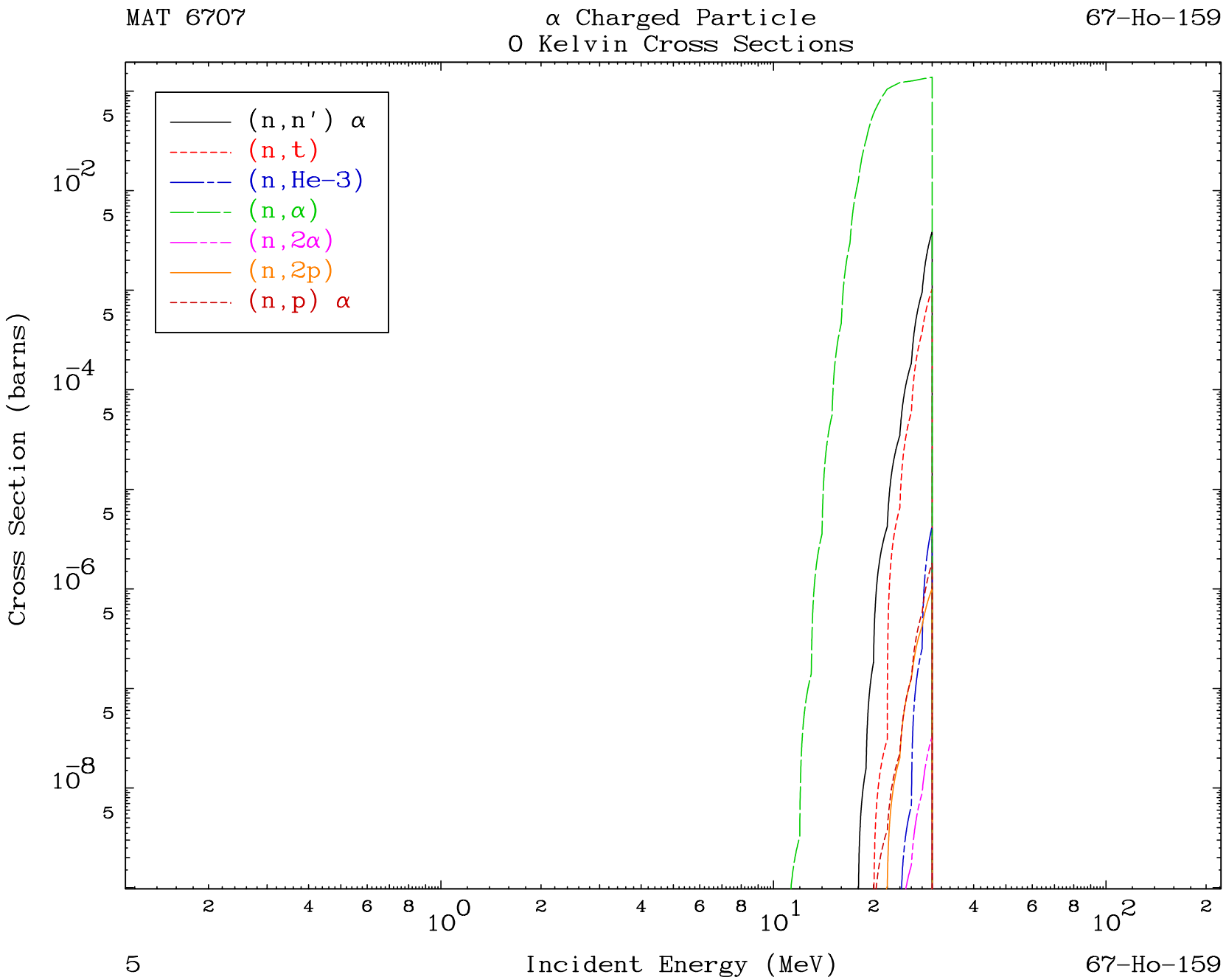
Press Mouse Button to Start

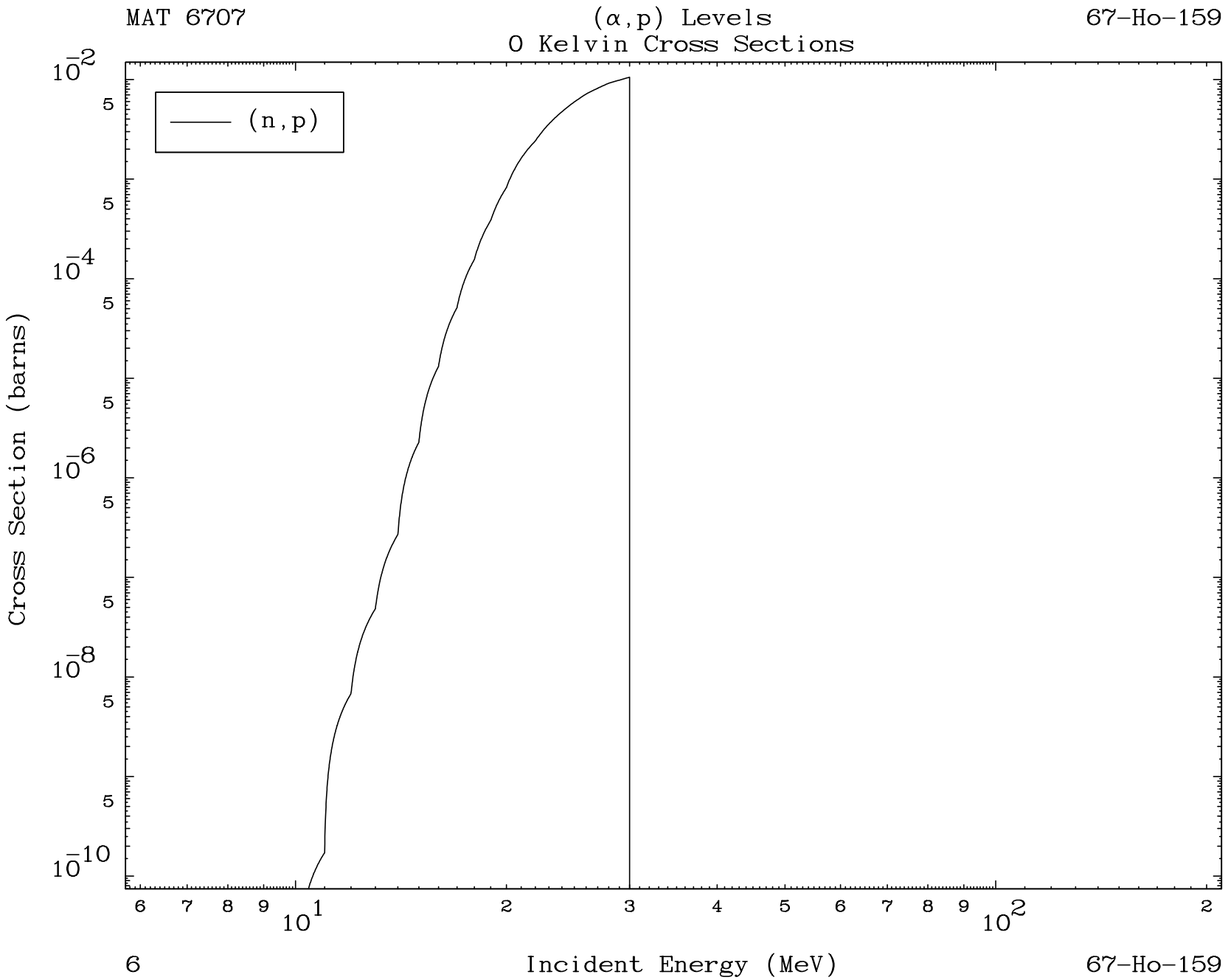

MAT 6707
α Major
67-Ho-159
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-159
1

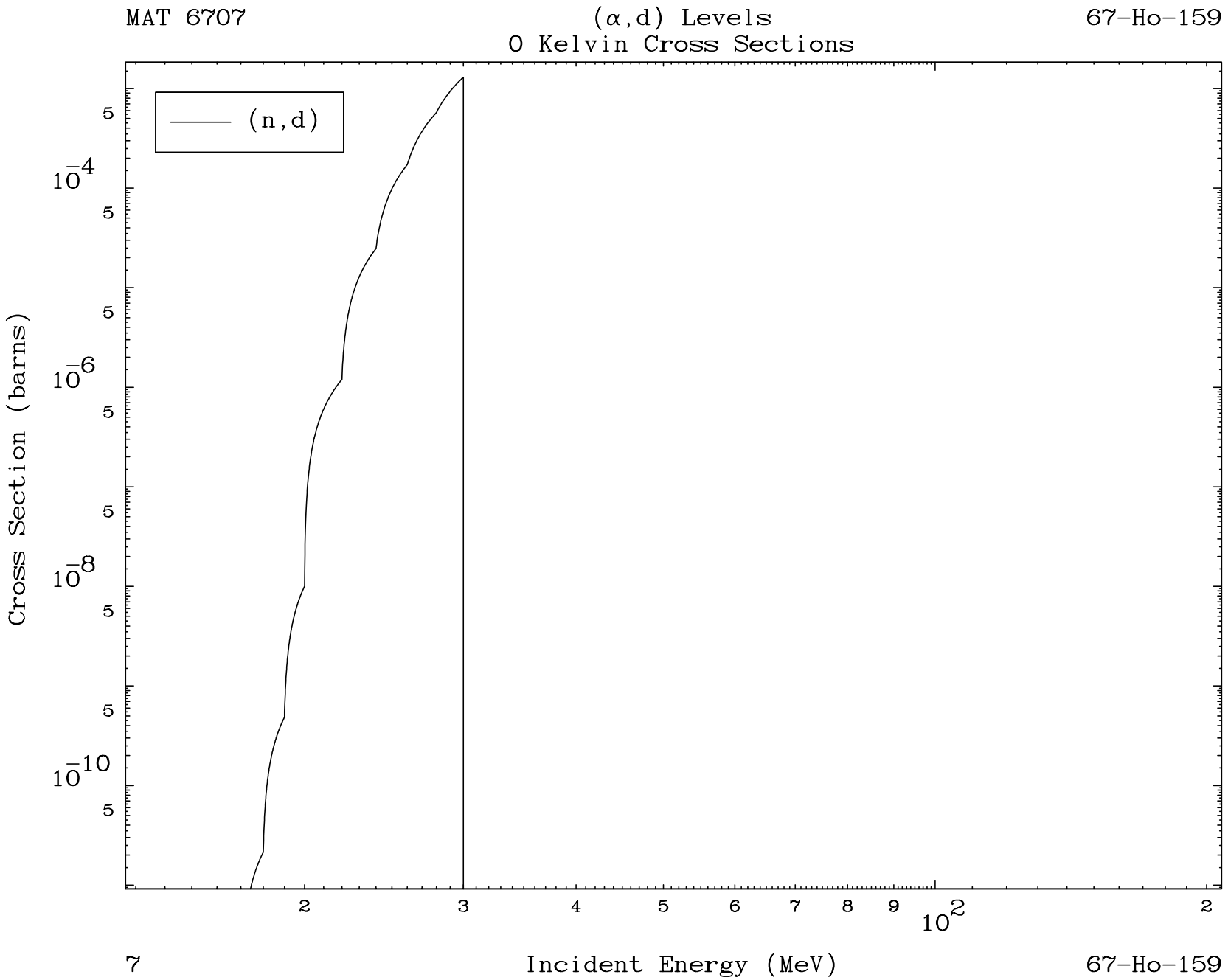

MAT 6707
α Neutron Absorption
0 Kelvin Cross Sections
67-Ho-159
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-159

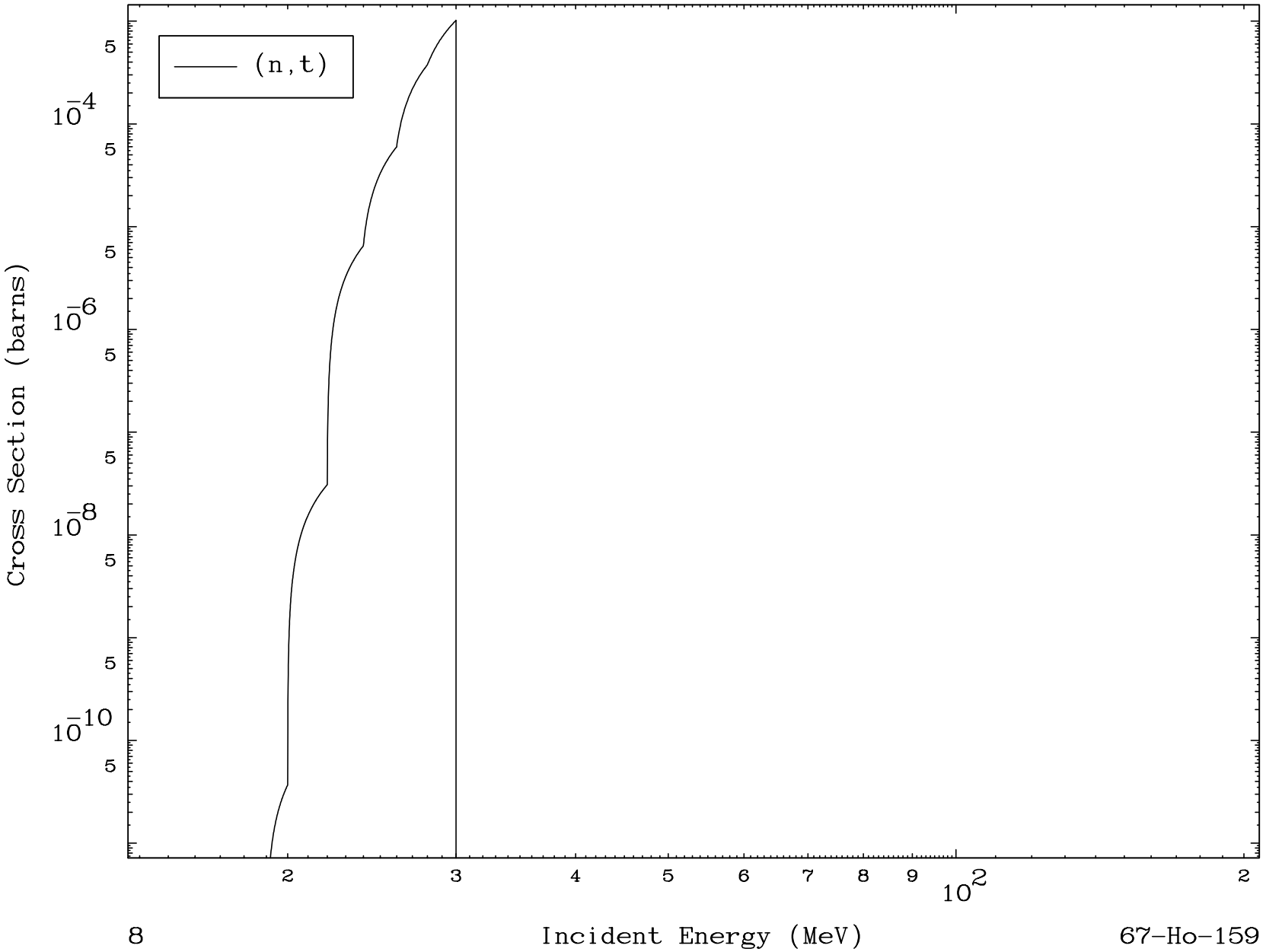

MAT 6707
α Neutron Absorption
0 Kelvin Cross Sections
67-Ho-159
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-159

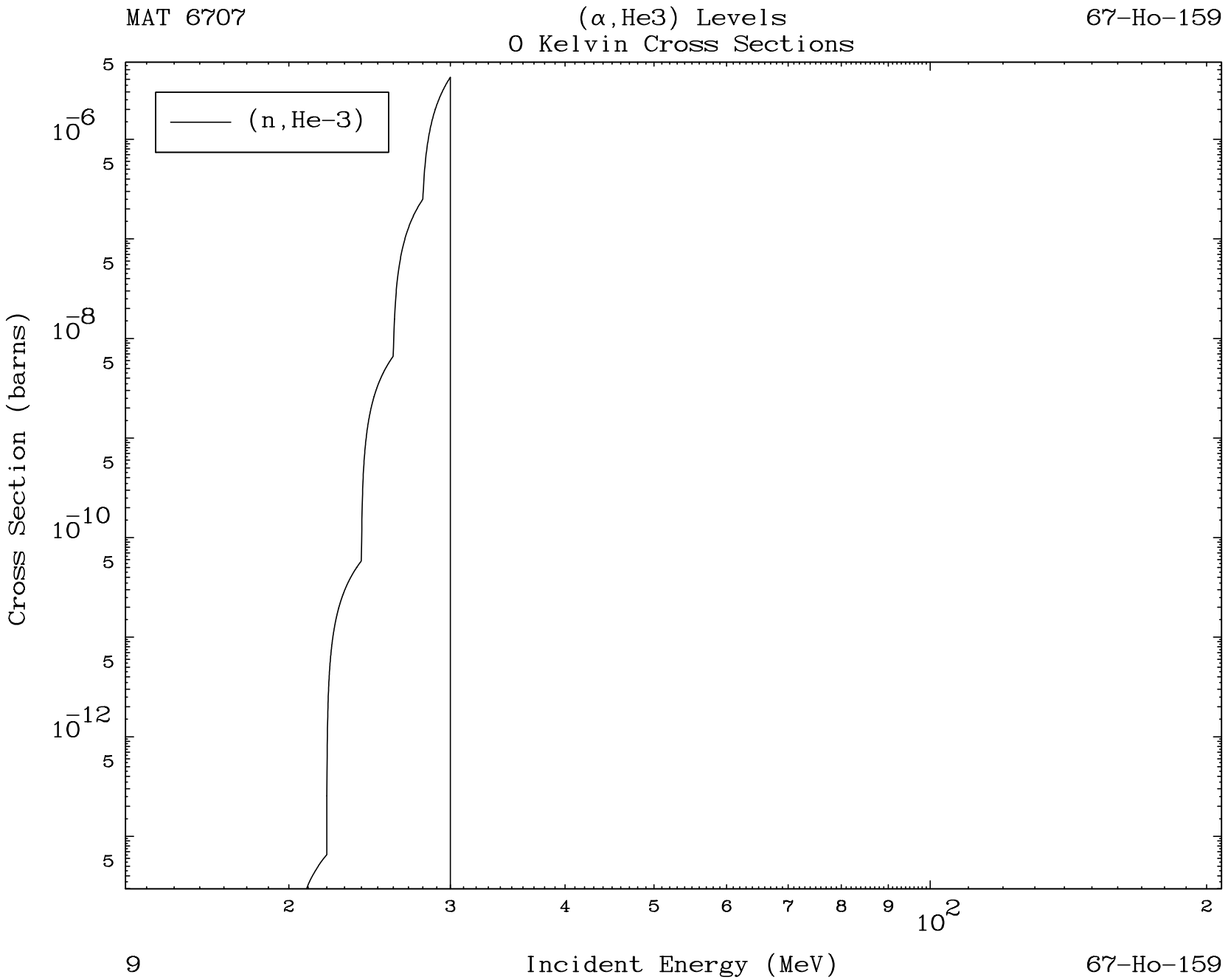

MAT 6707
α Charged Particle
0 Kelvin Cross Sections
67-Ho-159
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
67-Ho-159

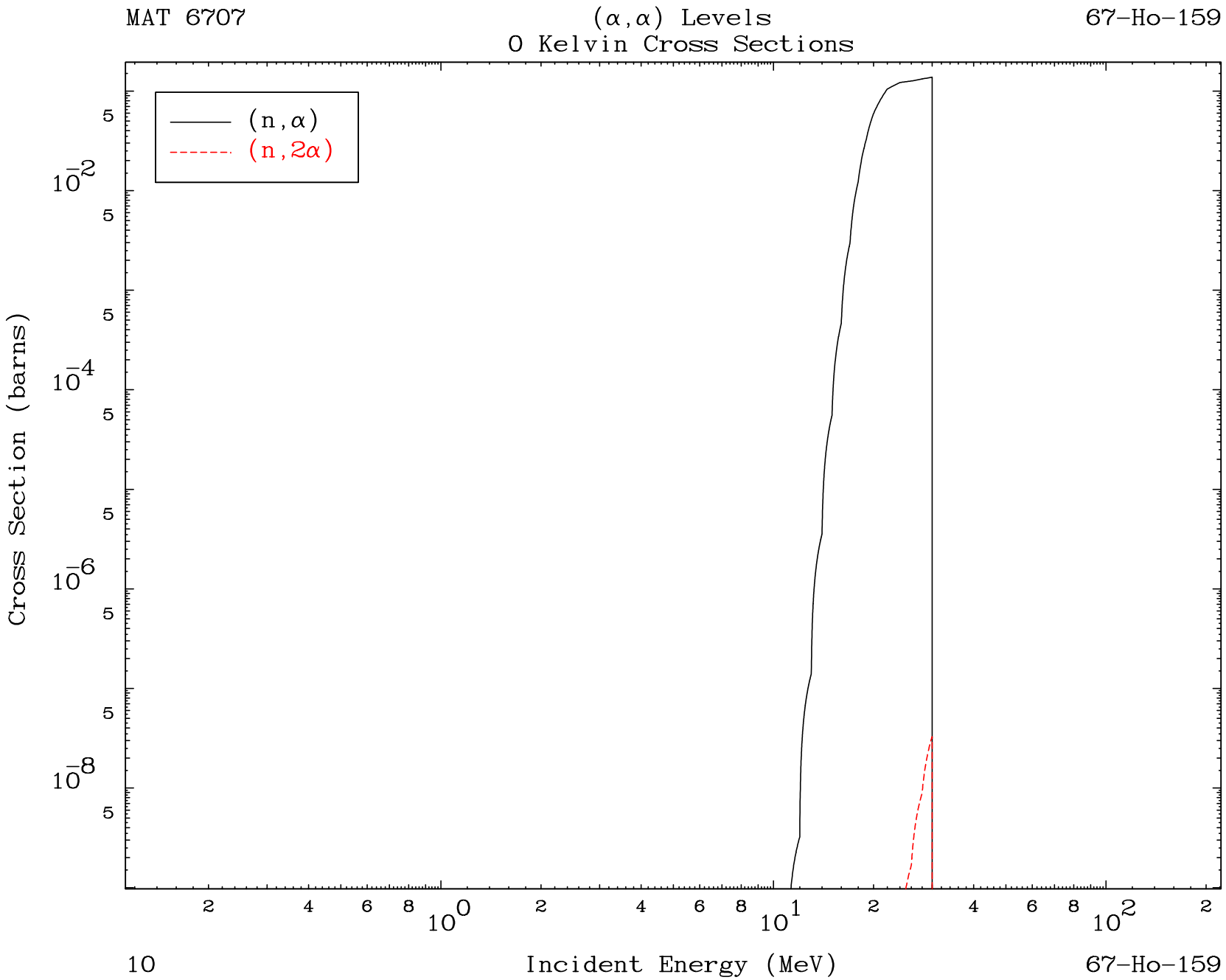

MAT 6707
α Charged Particle
0 Kelvin Cross Sections
67-Ho-159
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
5
67-Ho-159

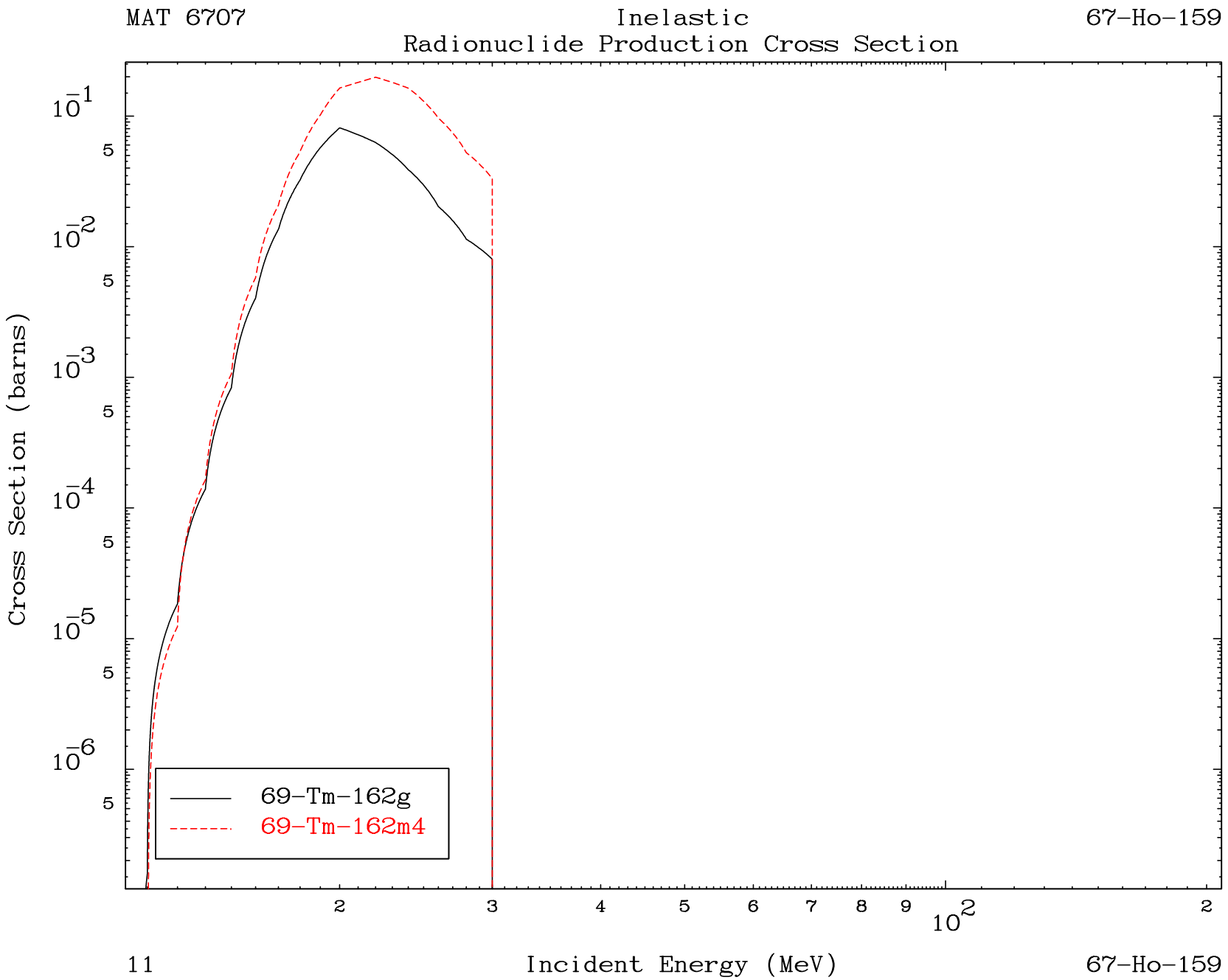

MAT 6707
(α,p) Levels
67-Ho-159
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
67-Ho-159

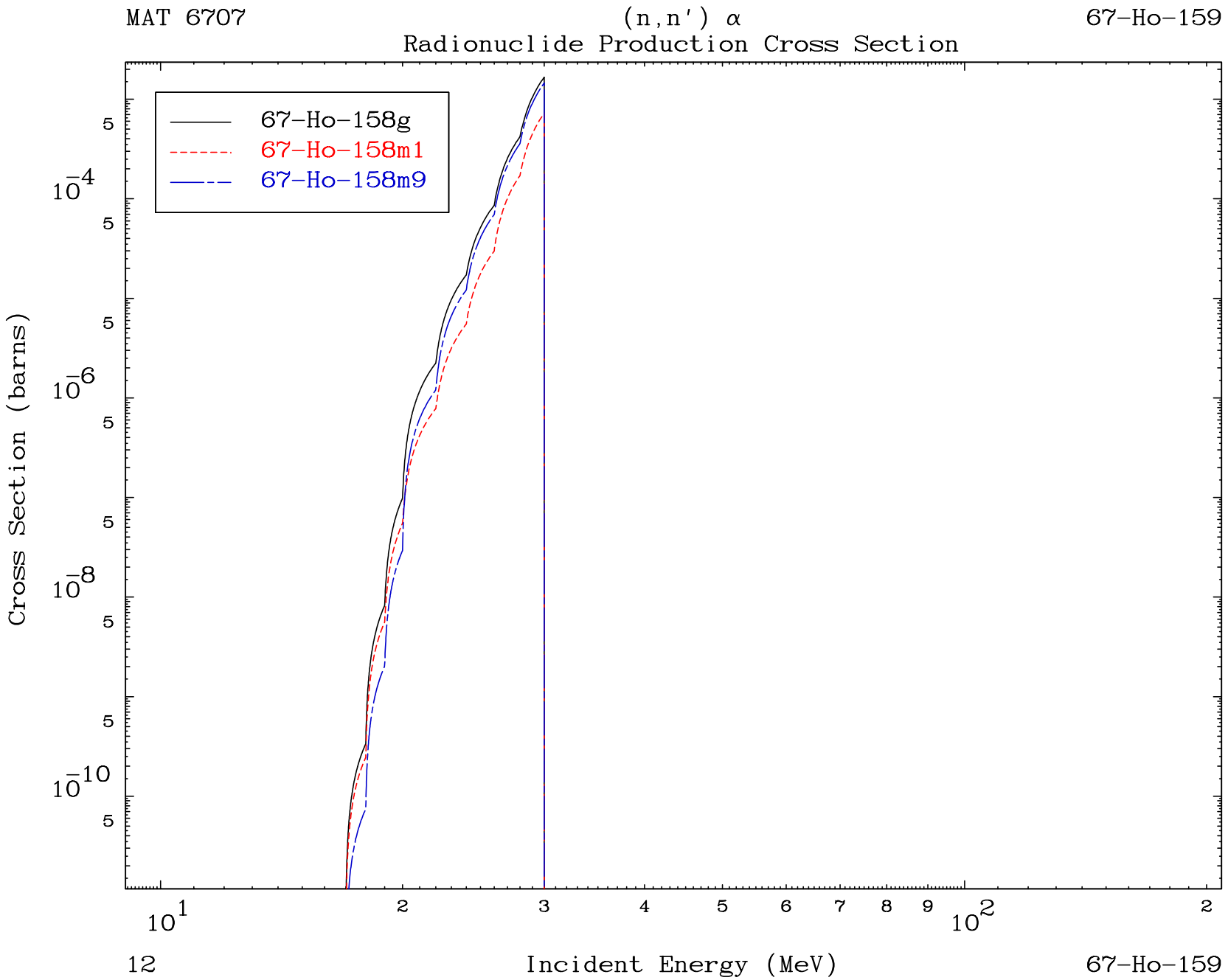

MAT 6707
(α,d) Levels
67-Ho-159
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
67-Ho-159

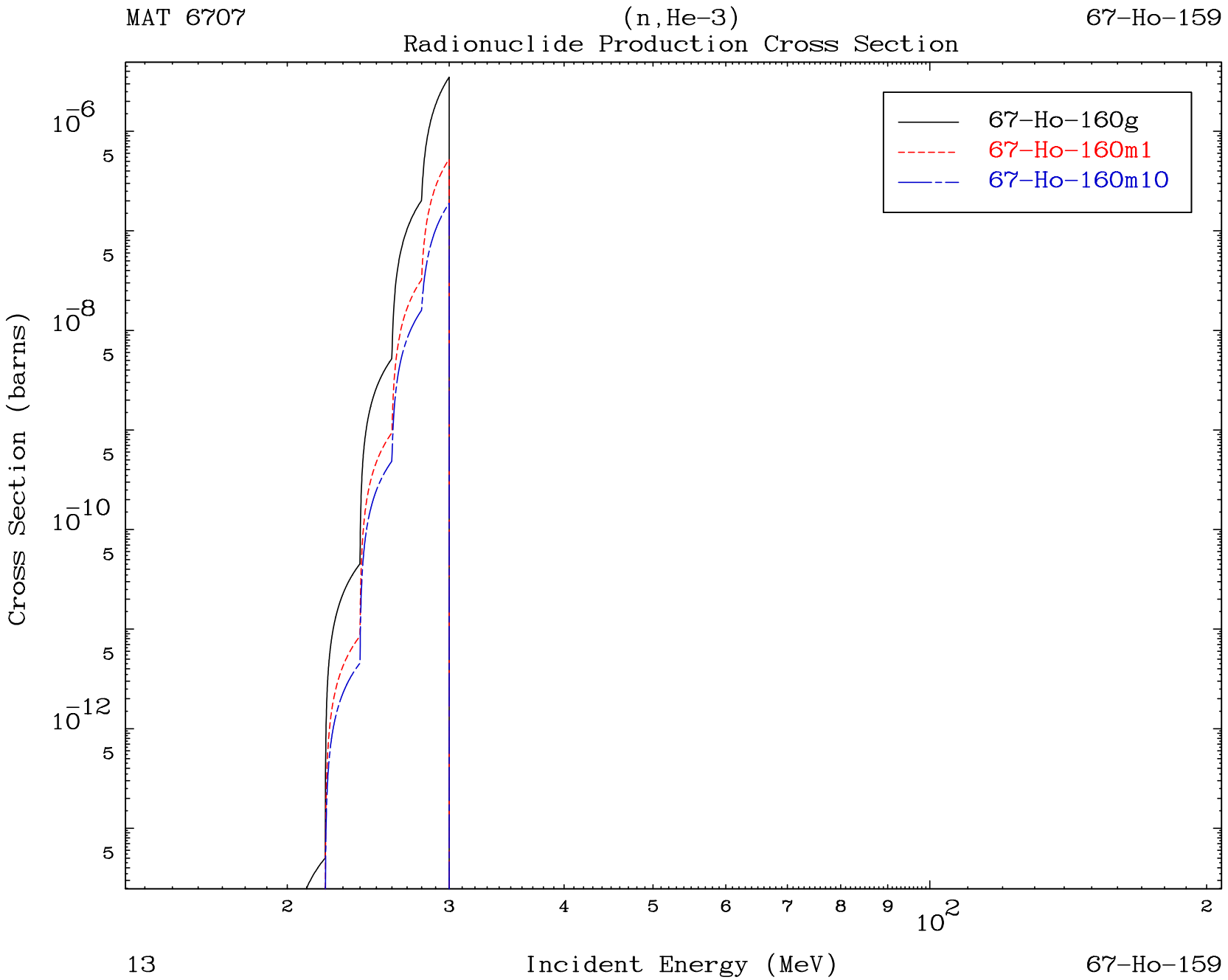

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

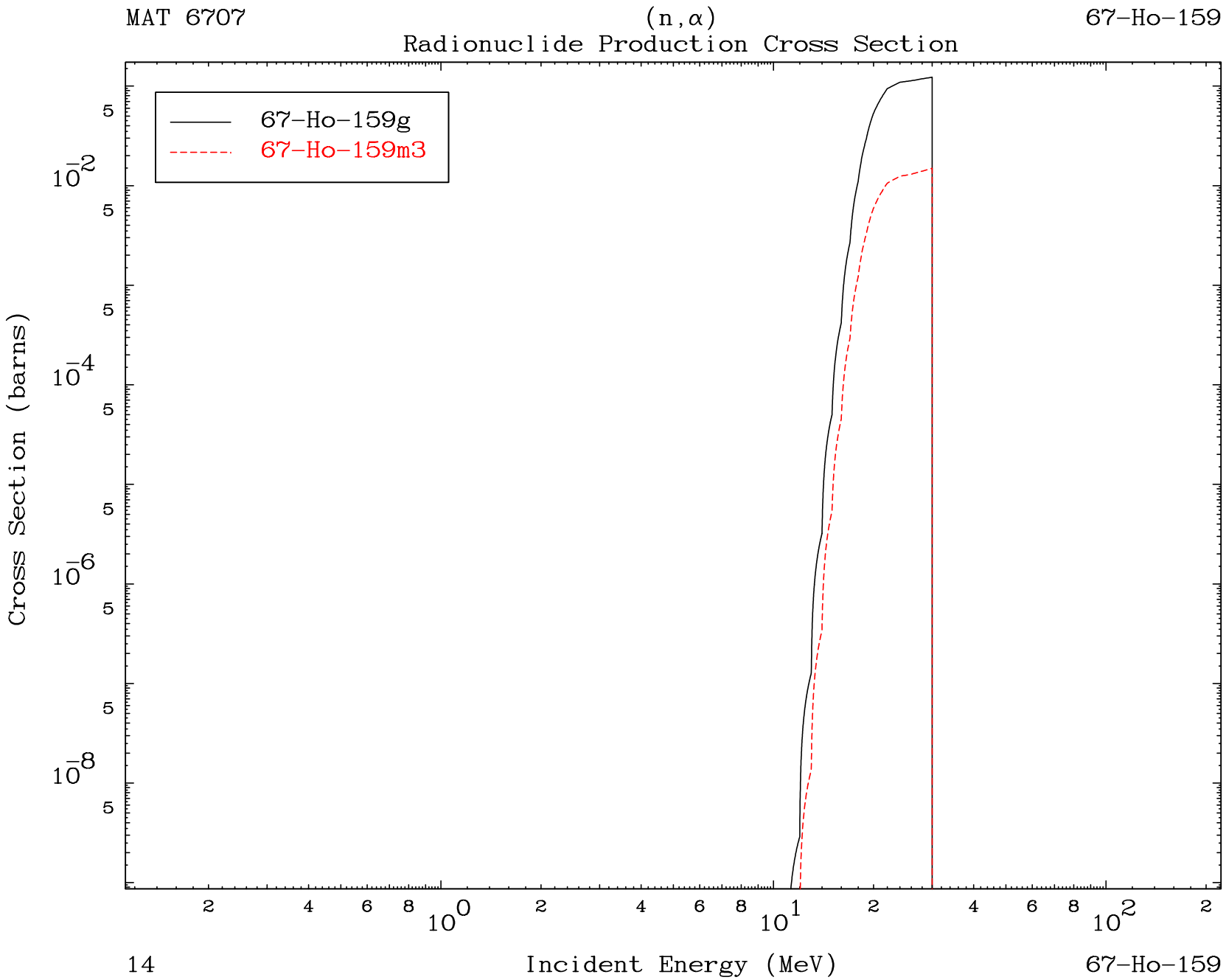

MAT 6707
(α,He3) Levels
67-Ho-159
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
67-Ho-159

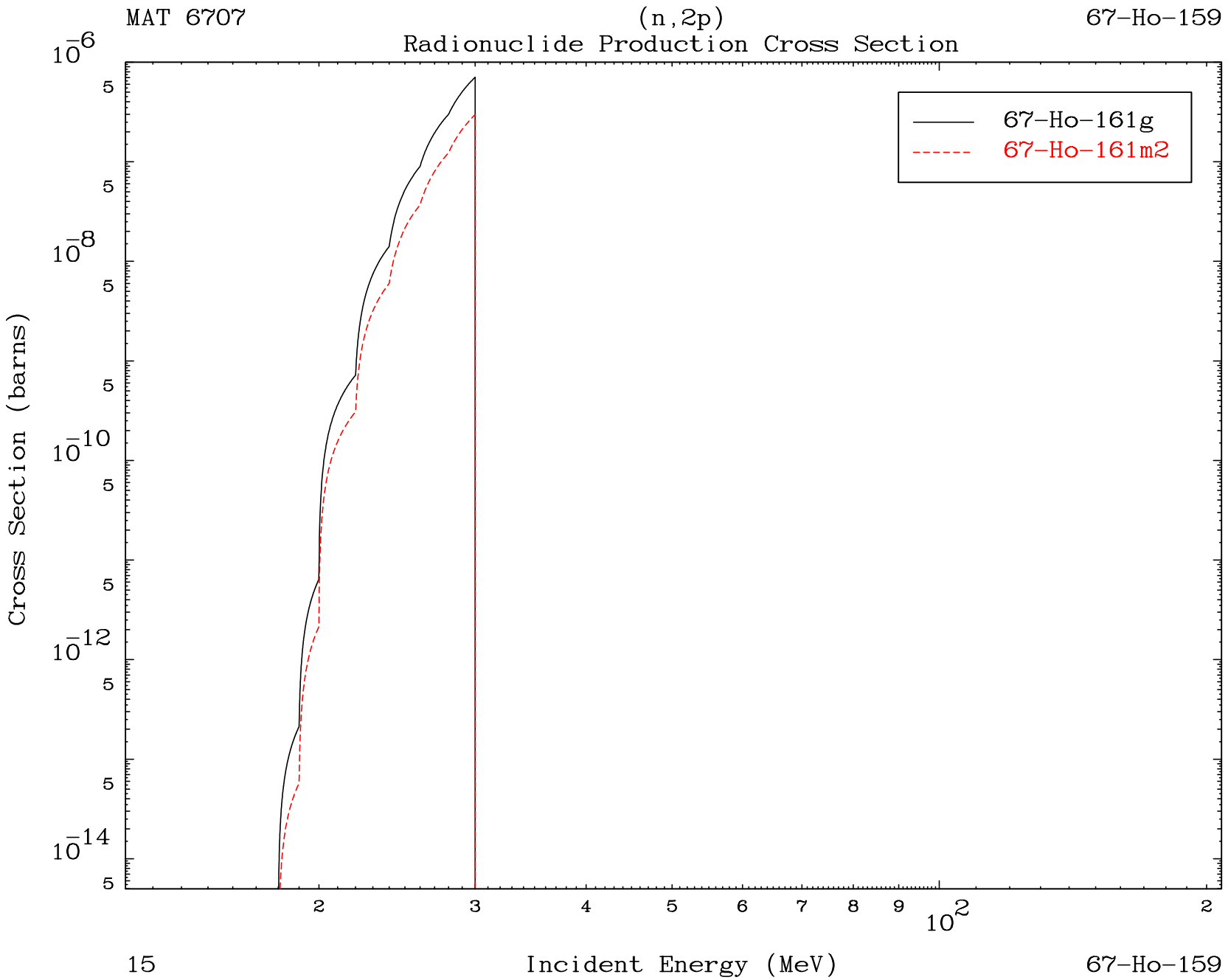

MAT 6707
(α,α) Levels
67-Ho-159
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10
Incident Energy (MeV)
67-Ho-159


MAT 6707
Inelastic
67-Ho-159
Radionuclide Production Cross Section
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
69-Tm-162g
69-Tm-162m4
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
67-Ho-159


MAT 6707
(n,n') α
67-Ho-159
Radionuclide Production Cross Section
67-Ho-158g
67-Ho-158m1
67-Ho-158m9
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
12
67-Ho-159


MAT 6707
(n,He-3)
67-Ho-159
Radionuclide Production Cross Section
67-Ho-160g
67-Ho-160m1
67-Ho-160m10
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
Incident Energy (MeV)
10^2
13
67-Ho-159


MAT 6707
(n,α)
67-Ho-159
Radionuclide Production Cross Section
67-Ho-159g
67-Ho-159m3
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-159


MAT 6707
(n,2p)
67-Ho-159
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
Incident Energy (MeV)
15
67-Ho-159