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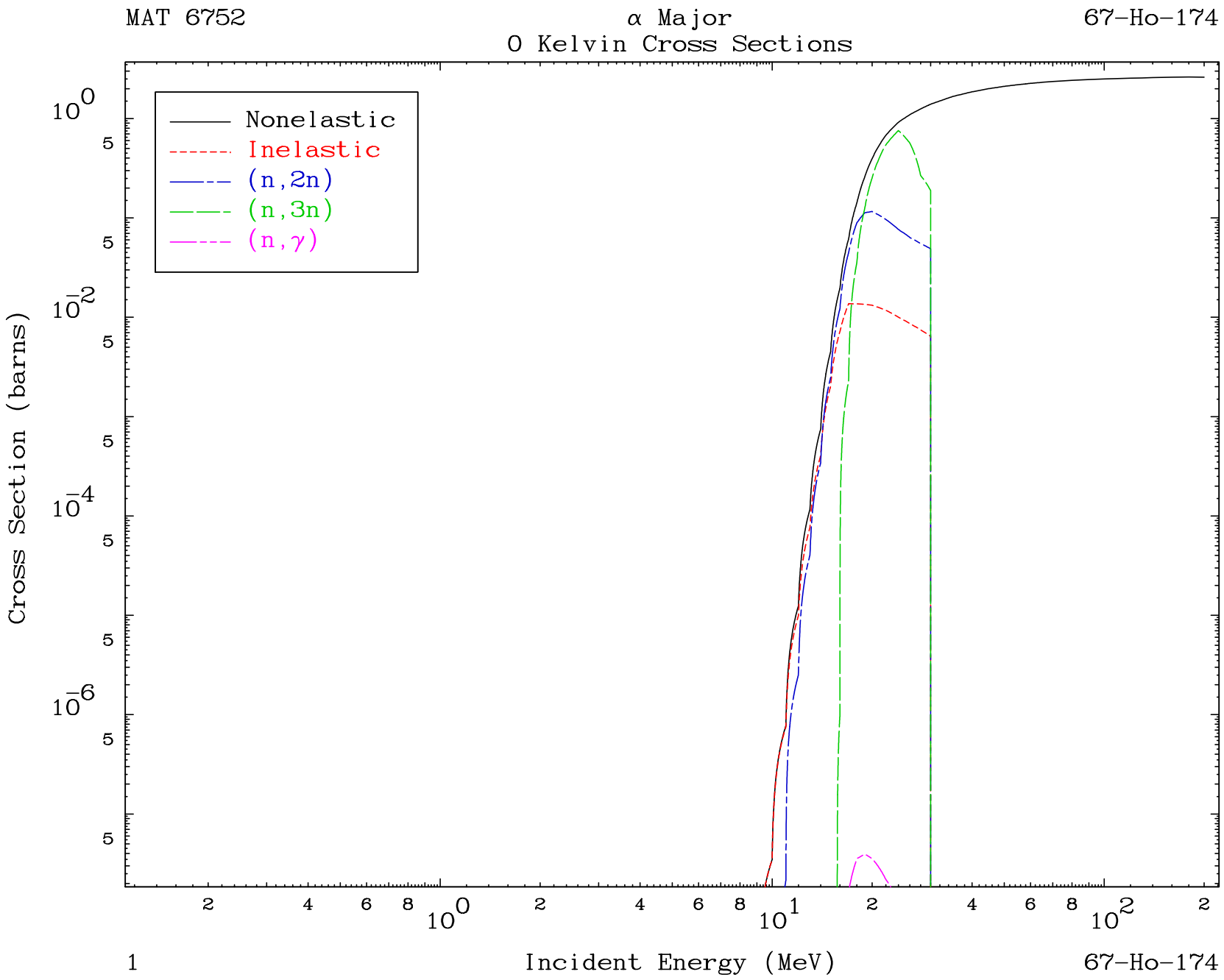
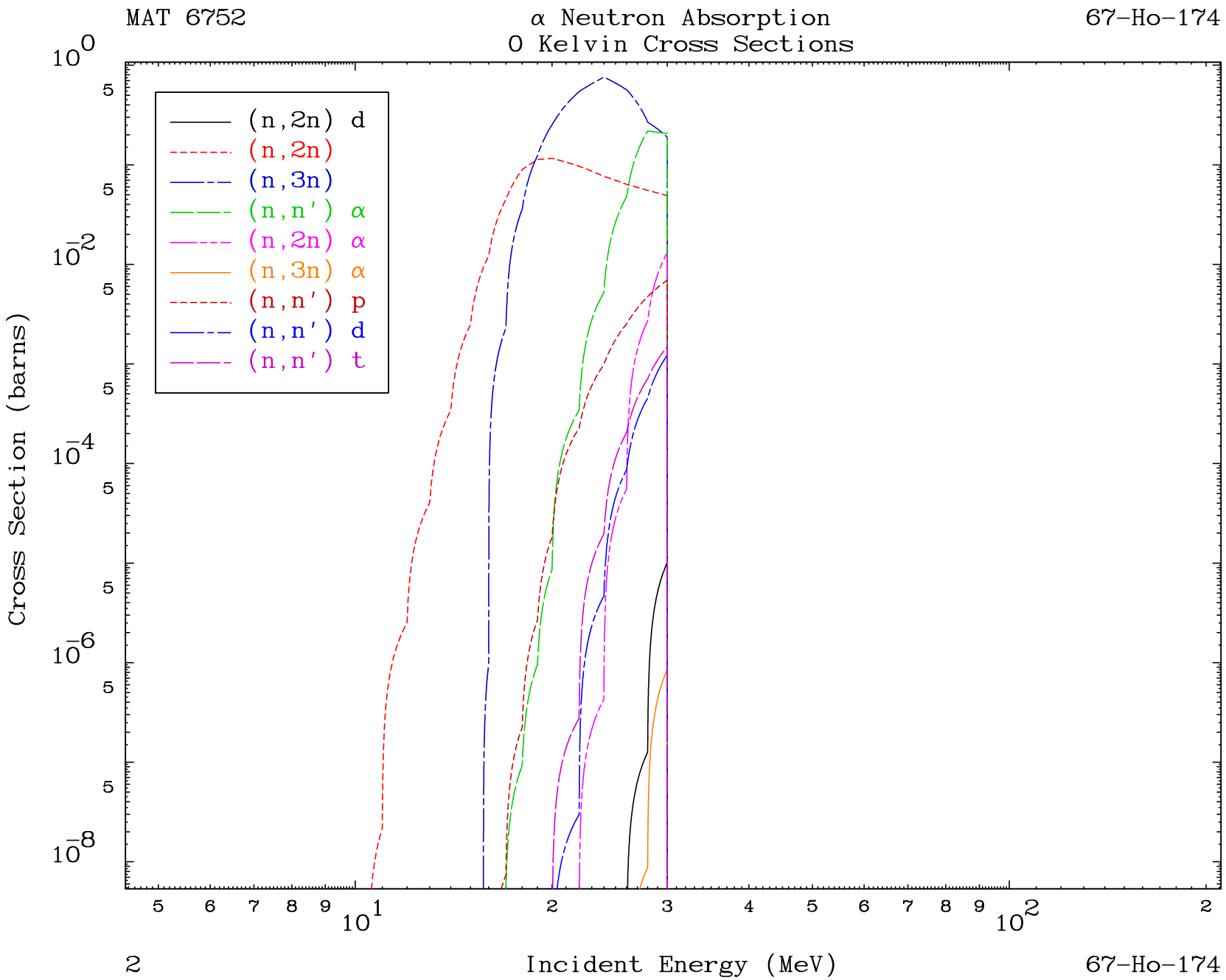
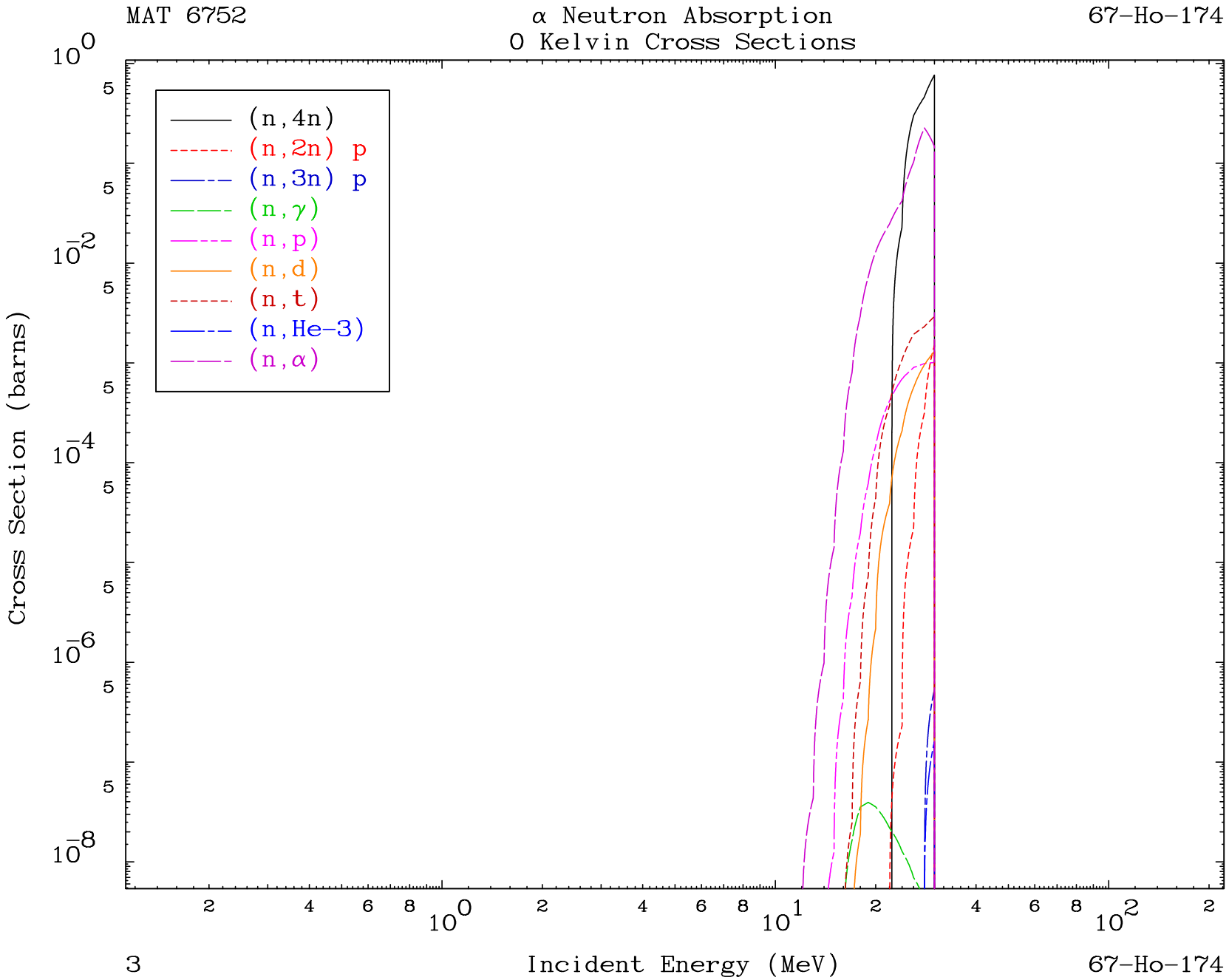
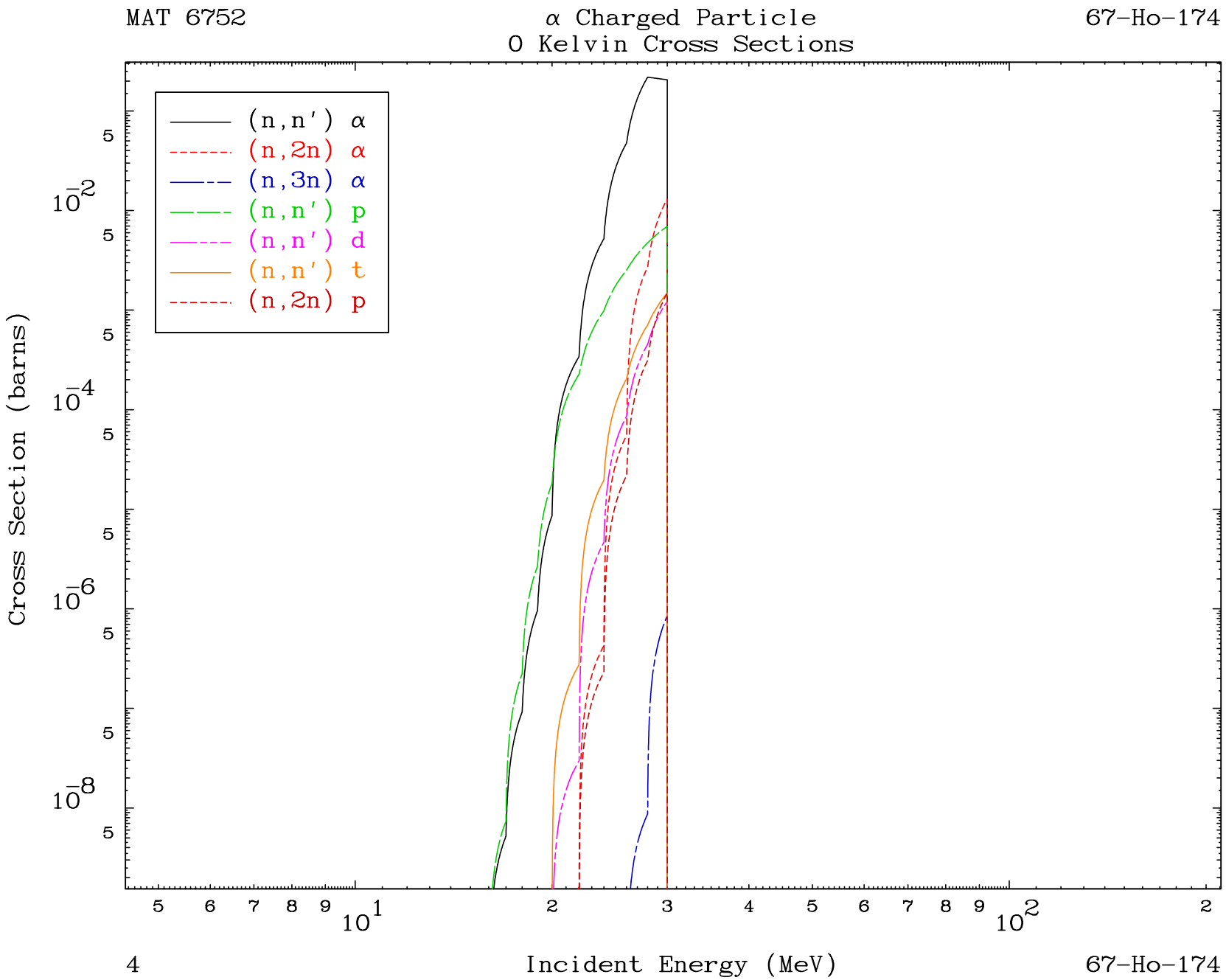
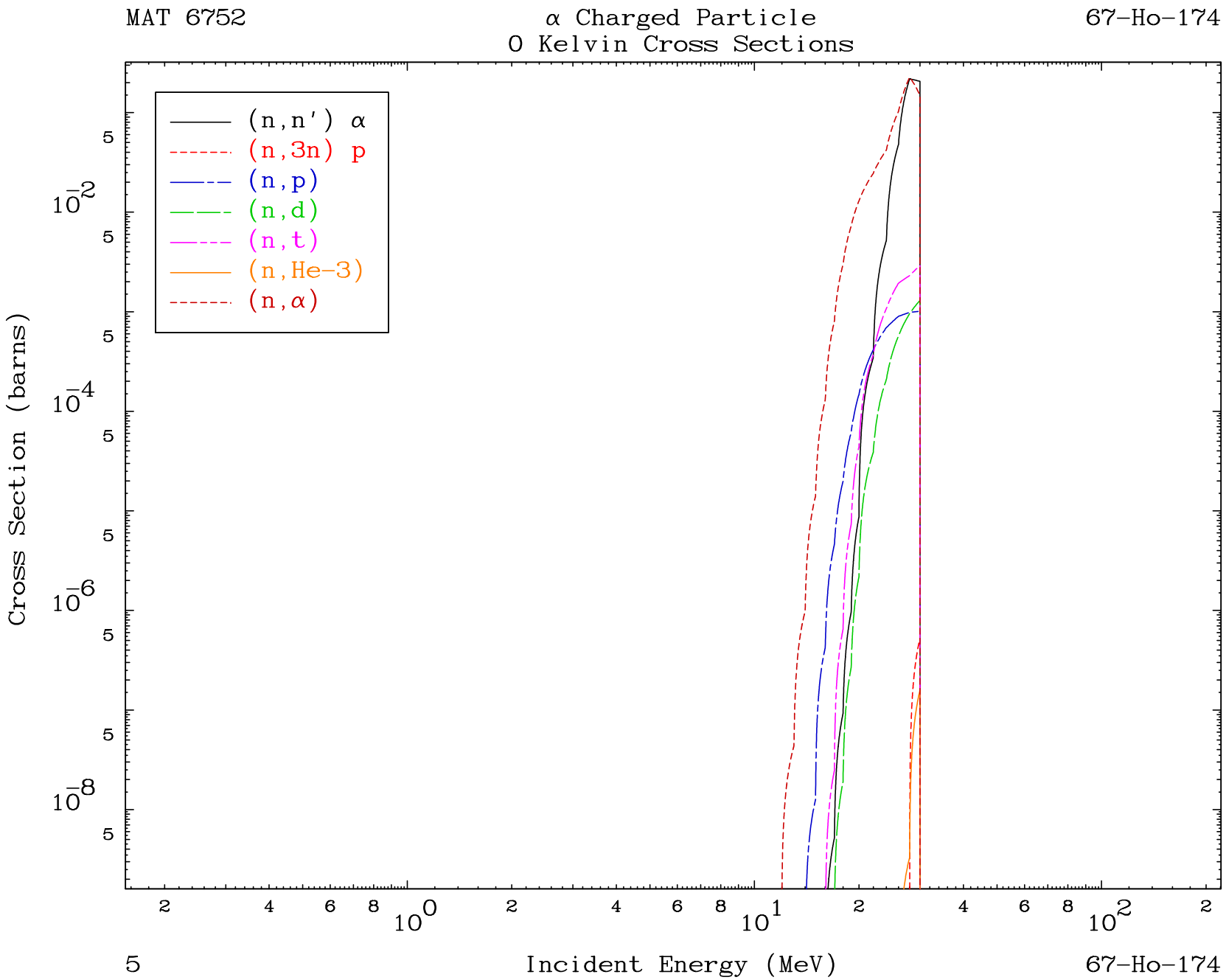
Press Mouse Button to Start

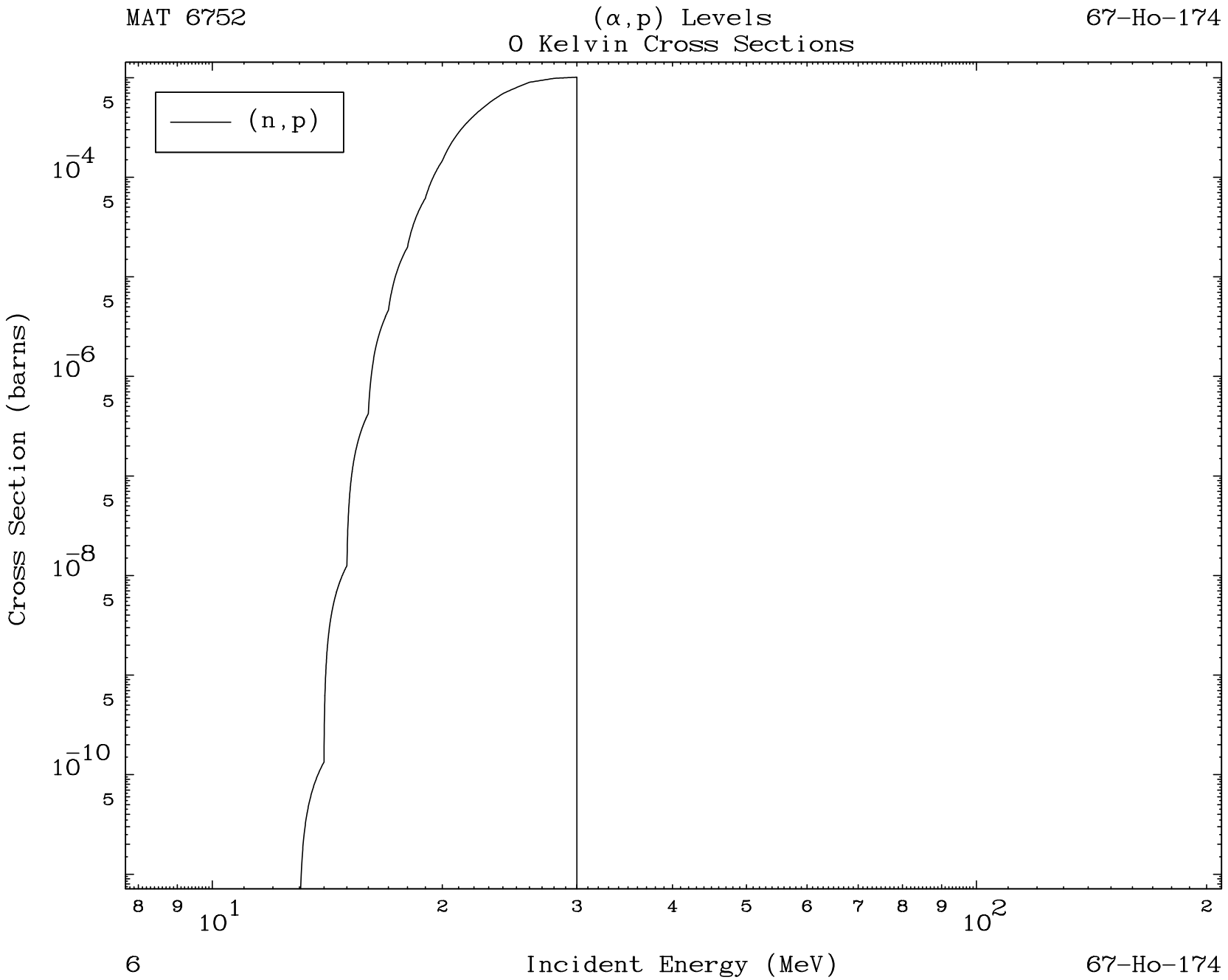

MAT 6752
α Major
67-Ho-174
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-174
1

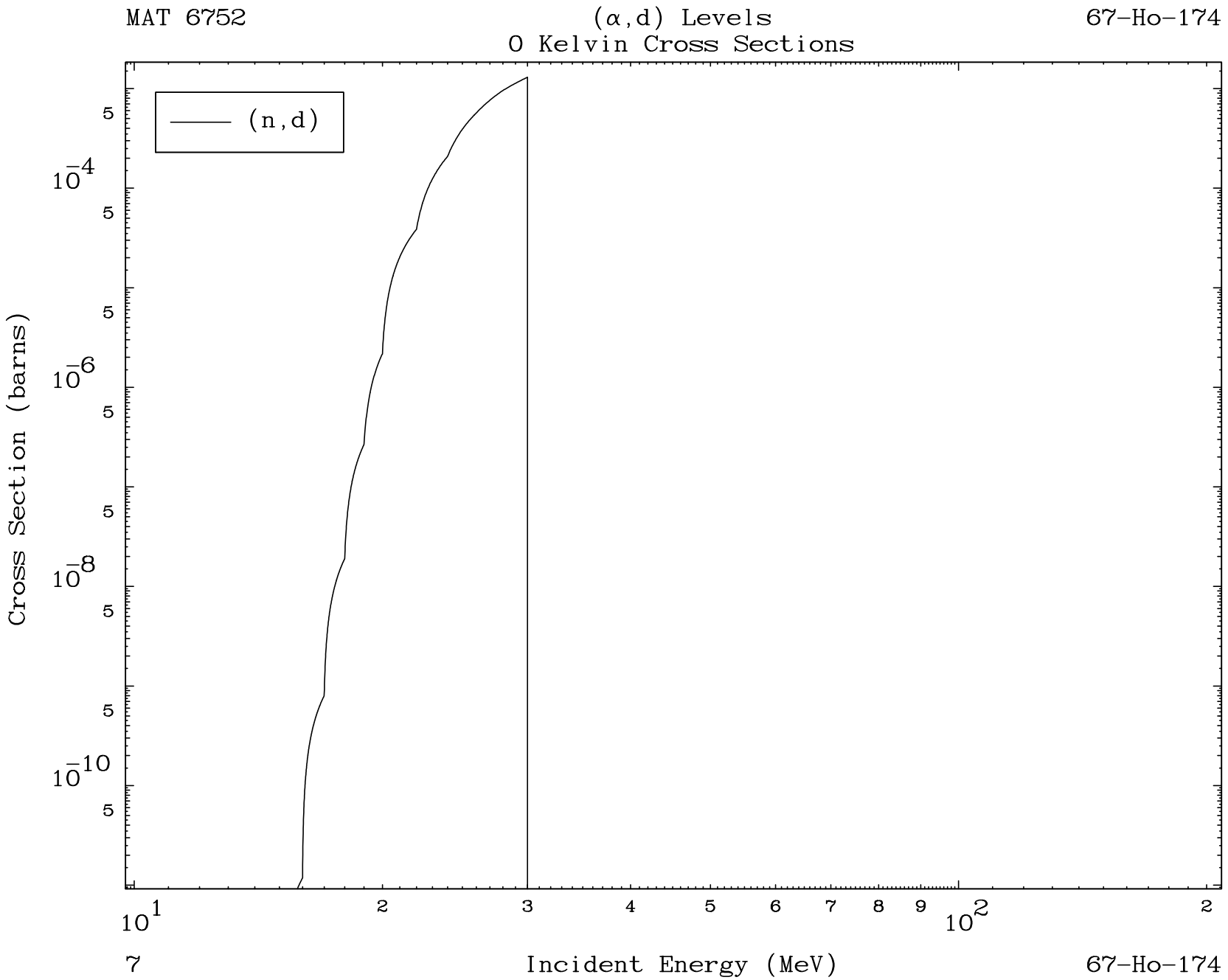

MAT 6752
α Neutron Absorption
0 Kelvin Cross Sections
67-Ho-174
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
67-Ho-174

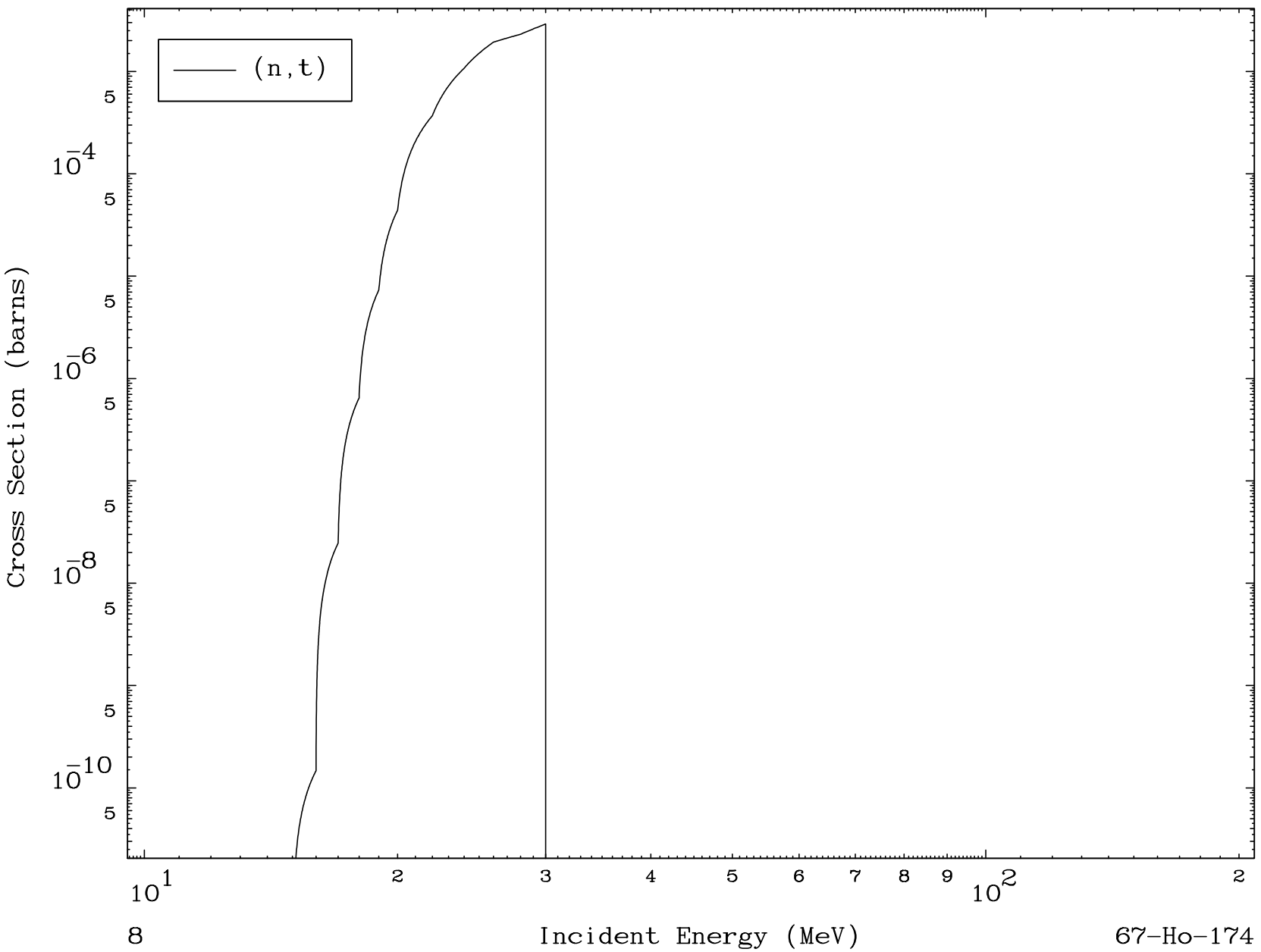

MAT 6752
α Neutron Absorption
0 Kelvin Cross Sections
67-Ho-174
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-174

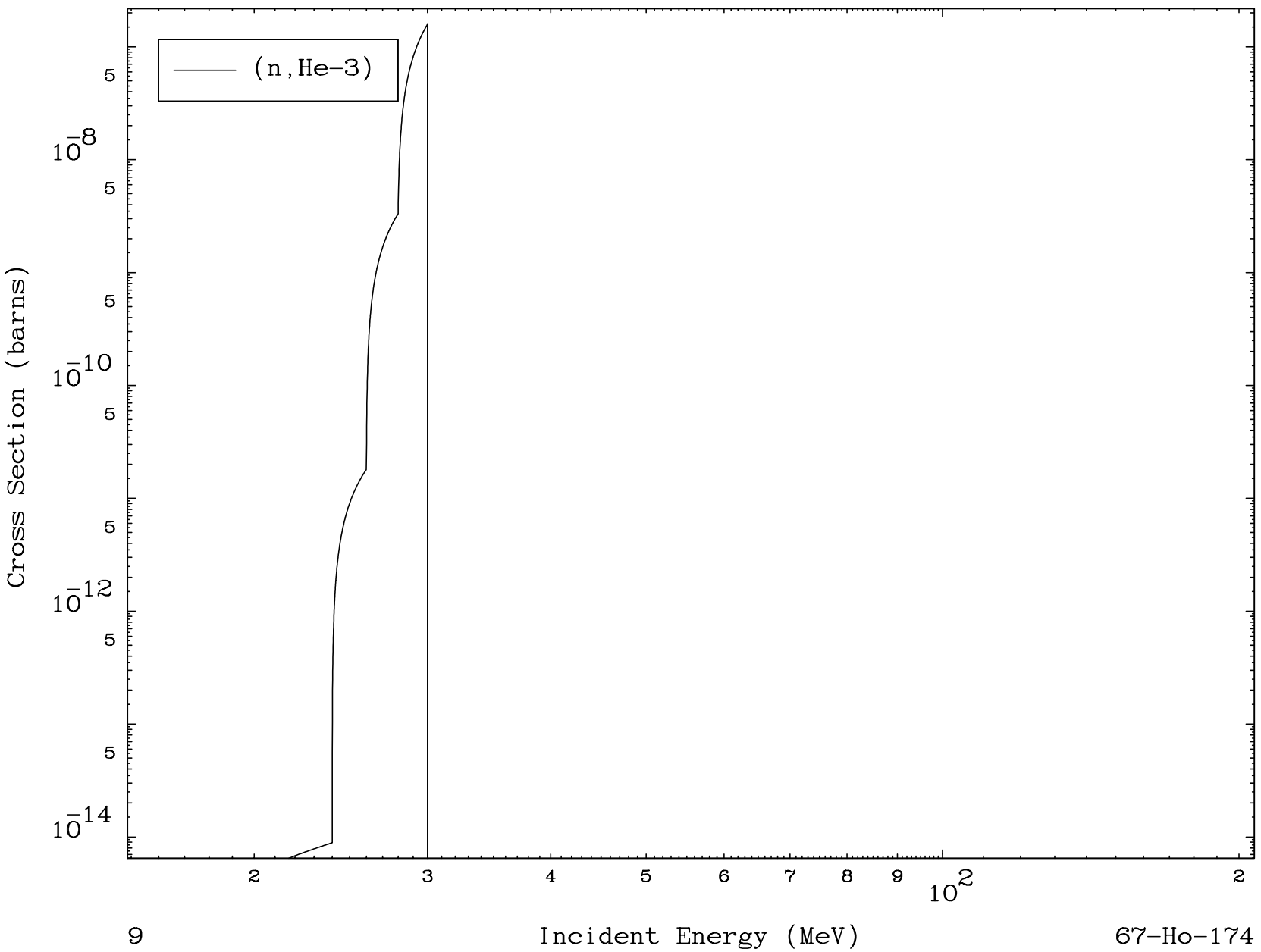

MAT 6752
α Charged Particle
0 Kelvin Cross Sections
67-Ho-174
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
4
67-Ho-174

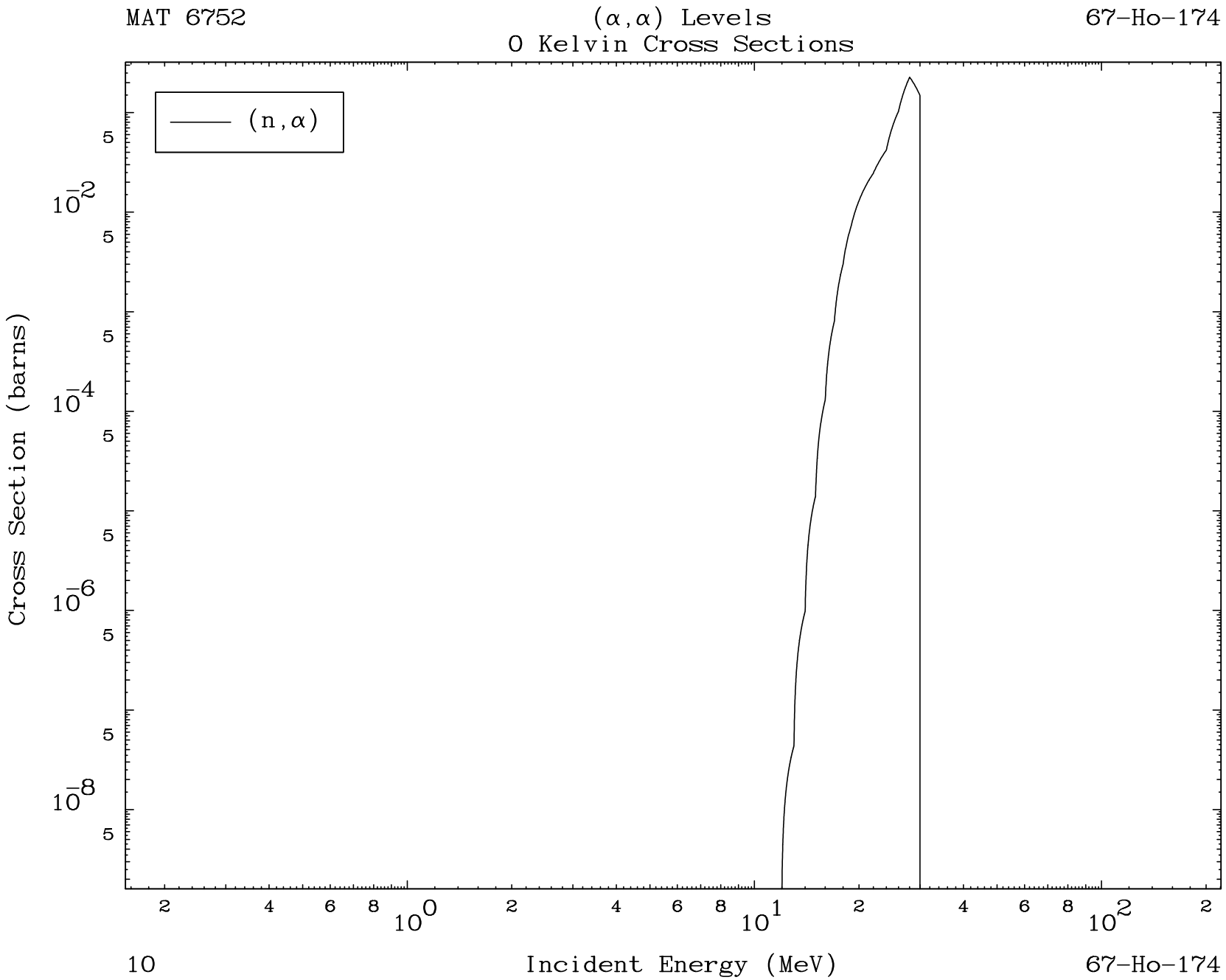

MAT 6752
α Charged Particle
0 Kelvin Cross Sections
67-Ho-174
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-174
5

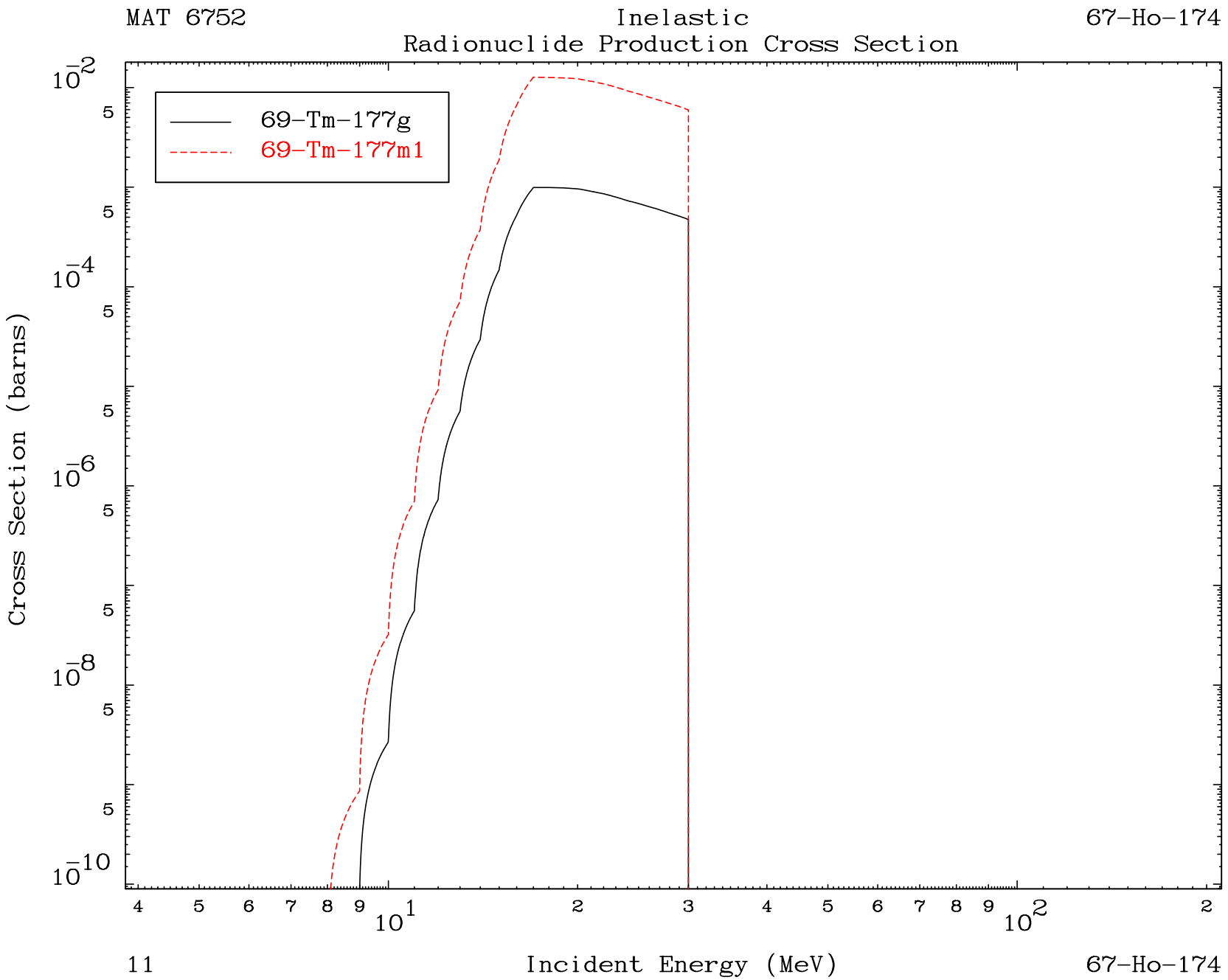

MAT 6752
(α,p) Levels
67-Ho-174
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
67-Ho-174


MAT 6752
(α,d) Levels
67-Ho-174
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
67-Ho-174


0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 6752
(α,α) Levels
67-Ho-174
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-174
10


MAT 6752
Inelastic
67-Ho-174
Radionuclide Production Cross Section
69-Tm-177g
69-Tm-177m1
Cross Section (barns)
Incident Energy (MeV)
11
67-Ho-174