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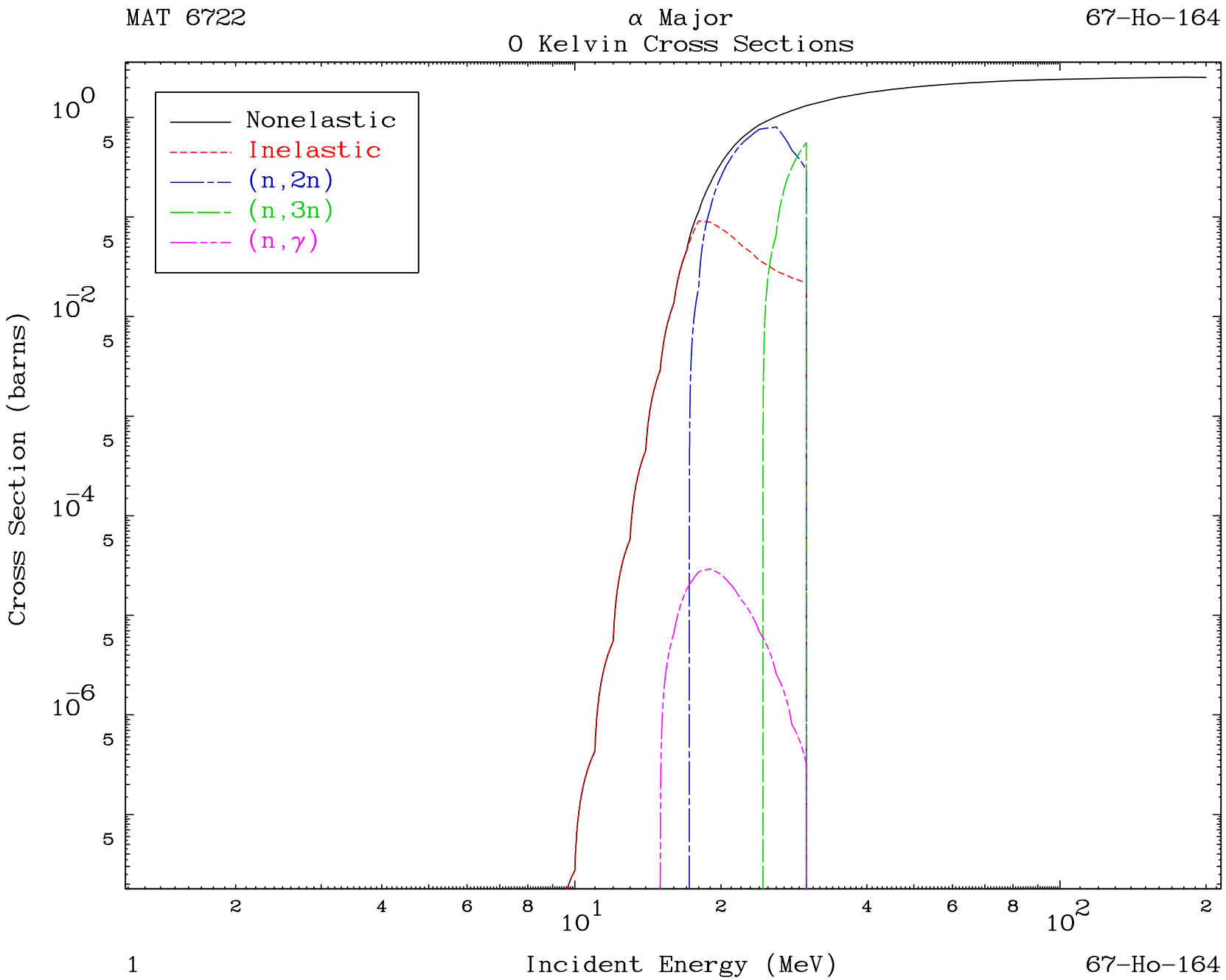
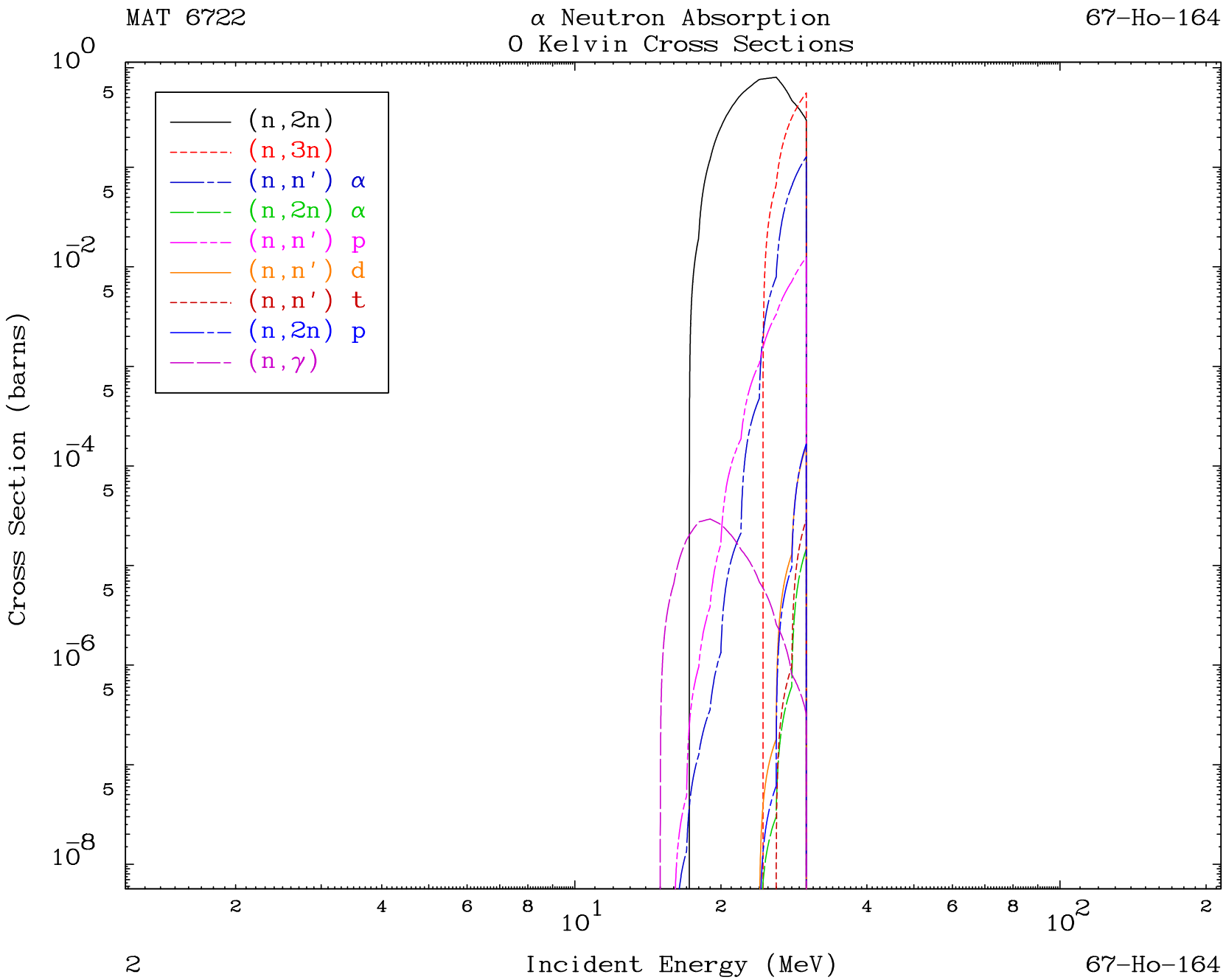
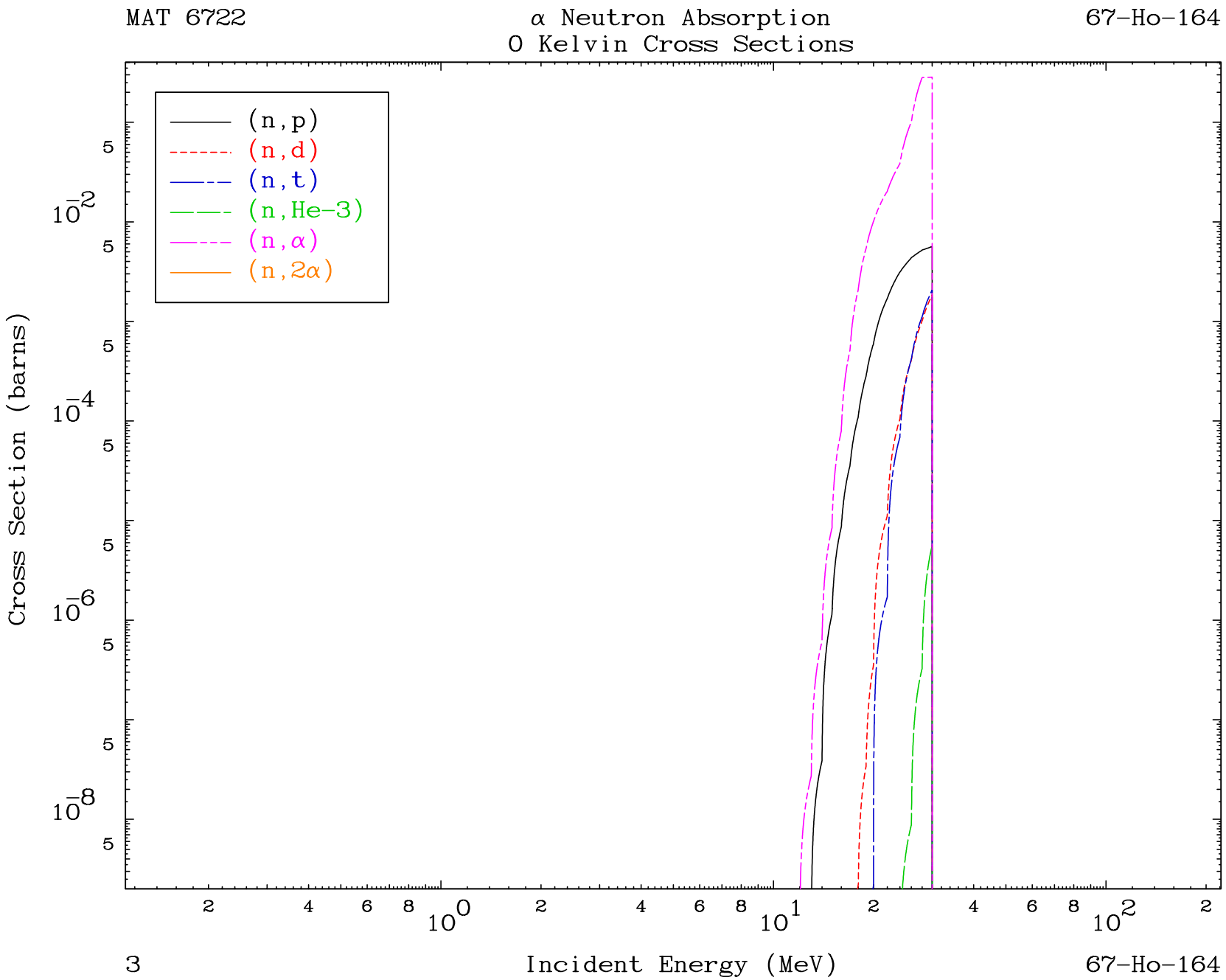
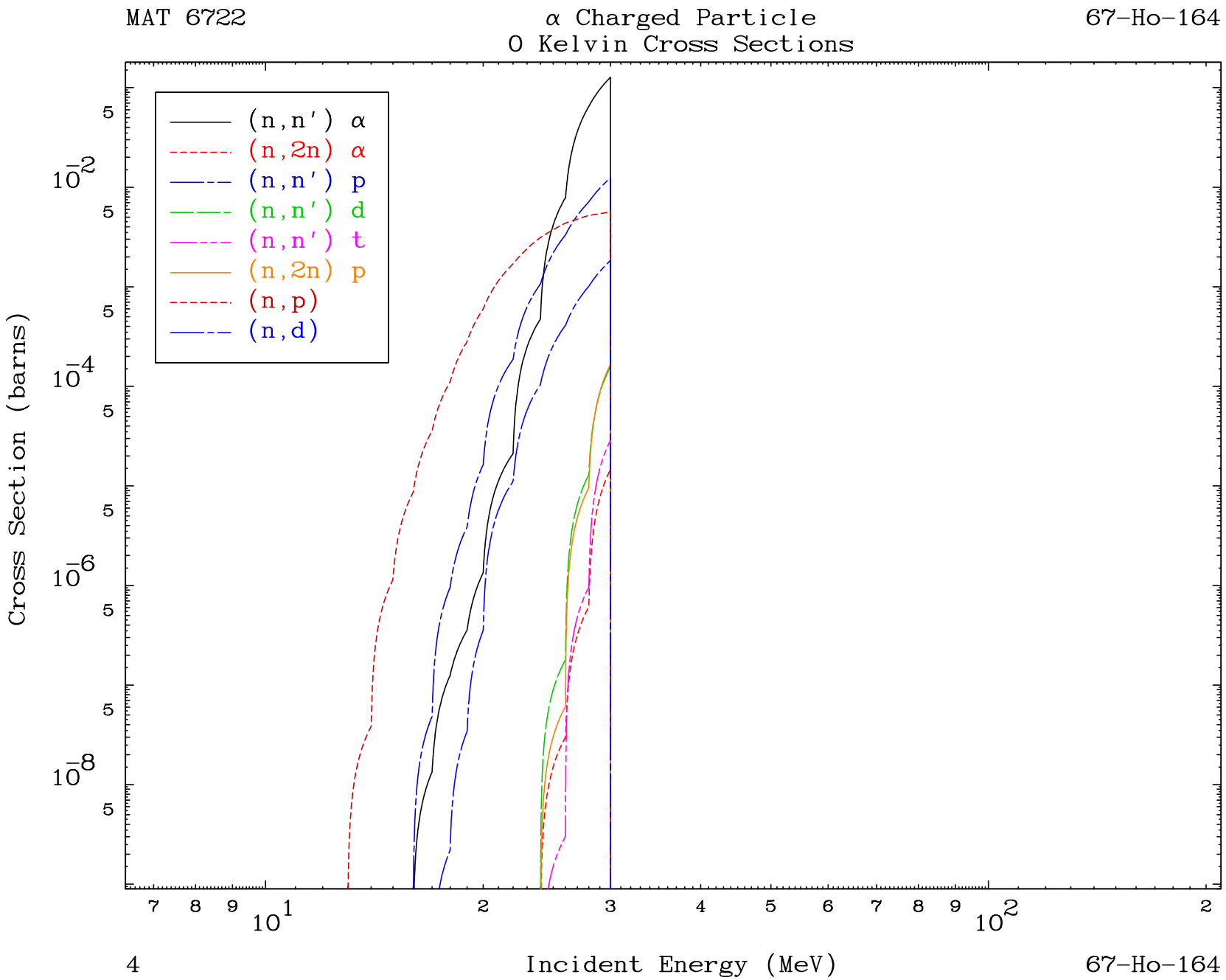
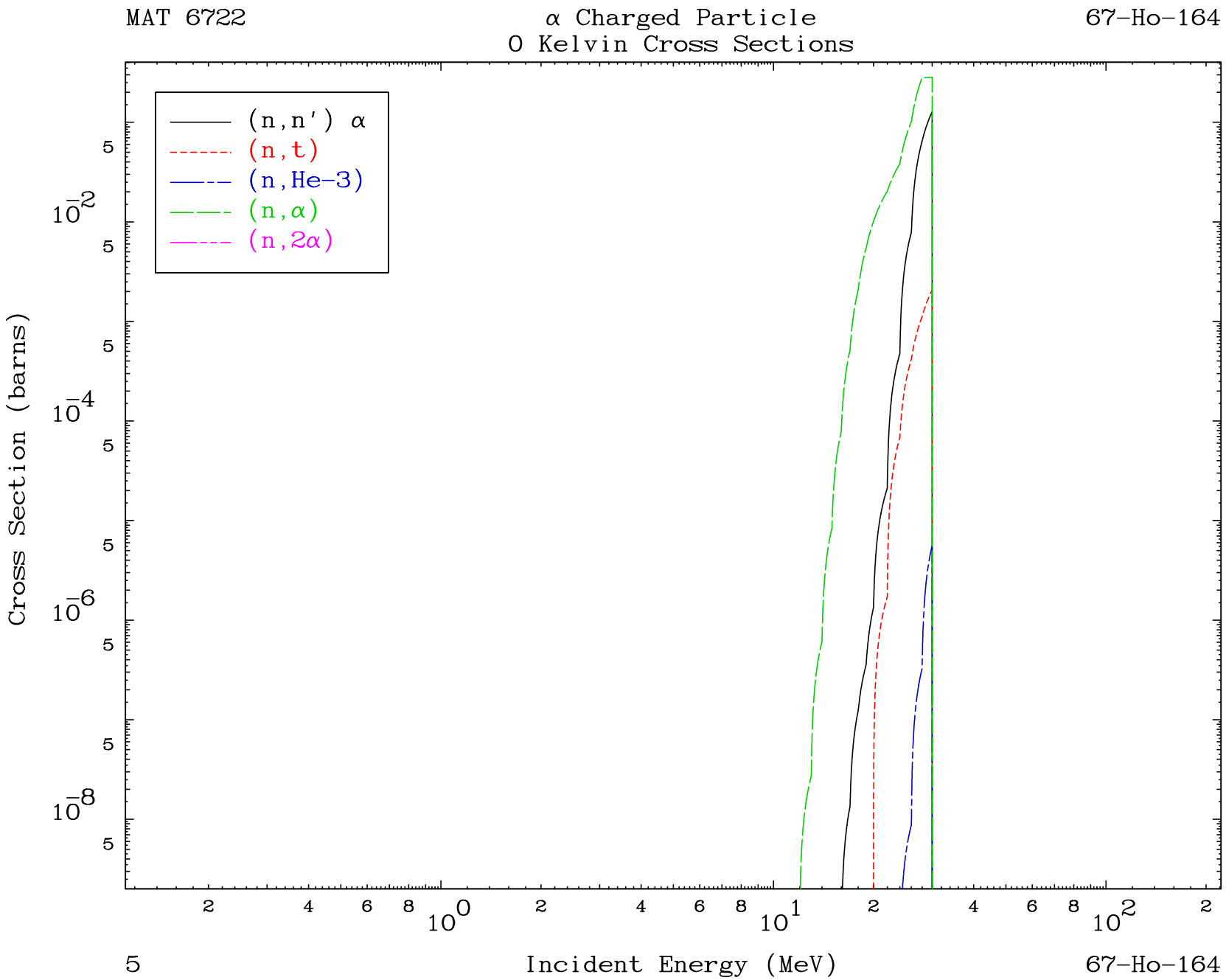
Press Mouse Button to Start

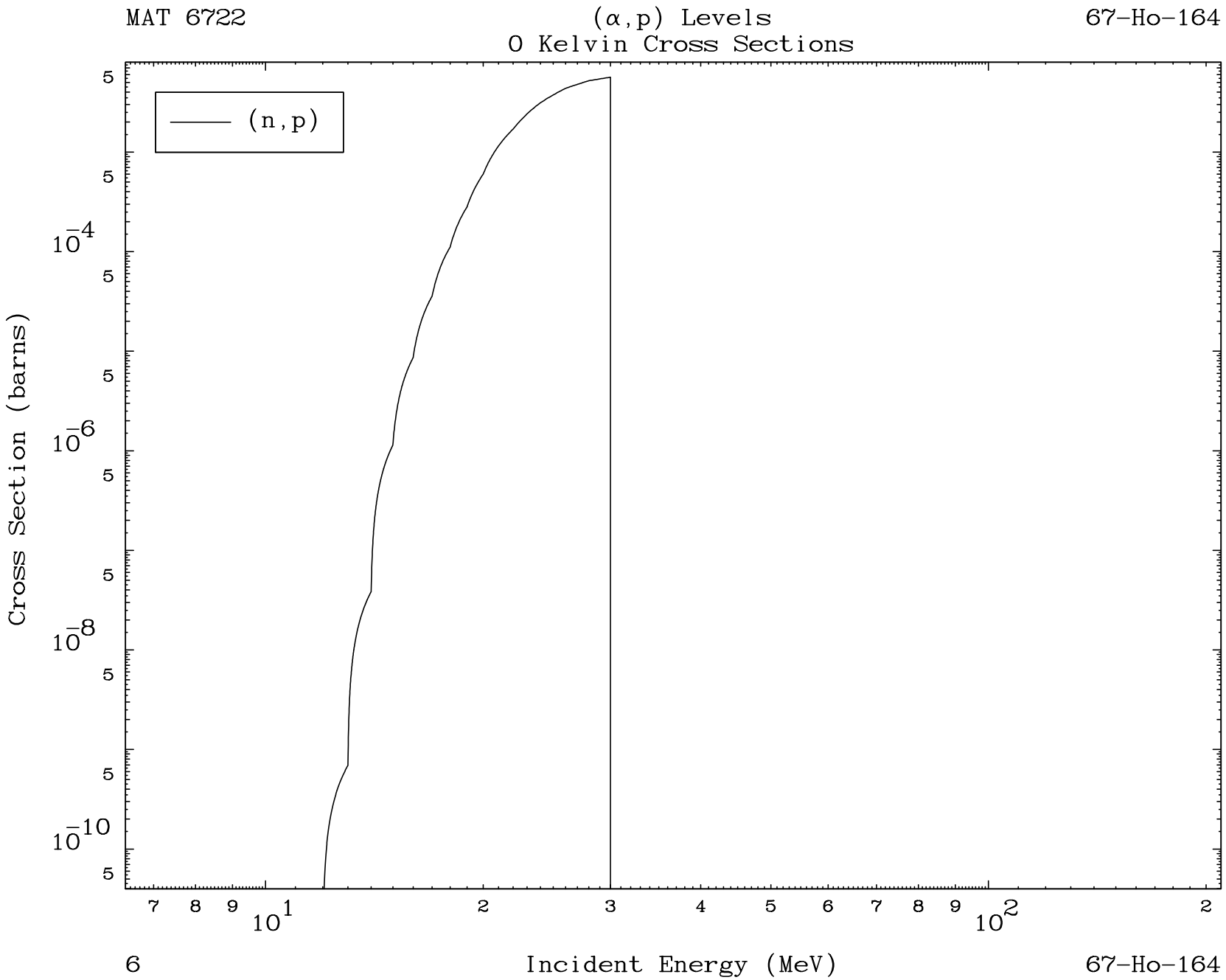

MAT 6722
α Major
67-Ho-164
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164

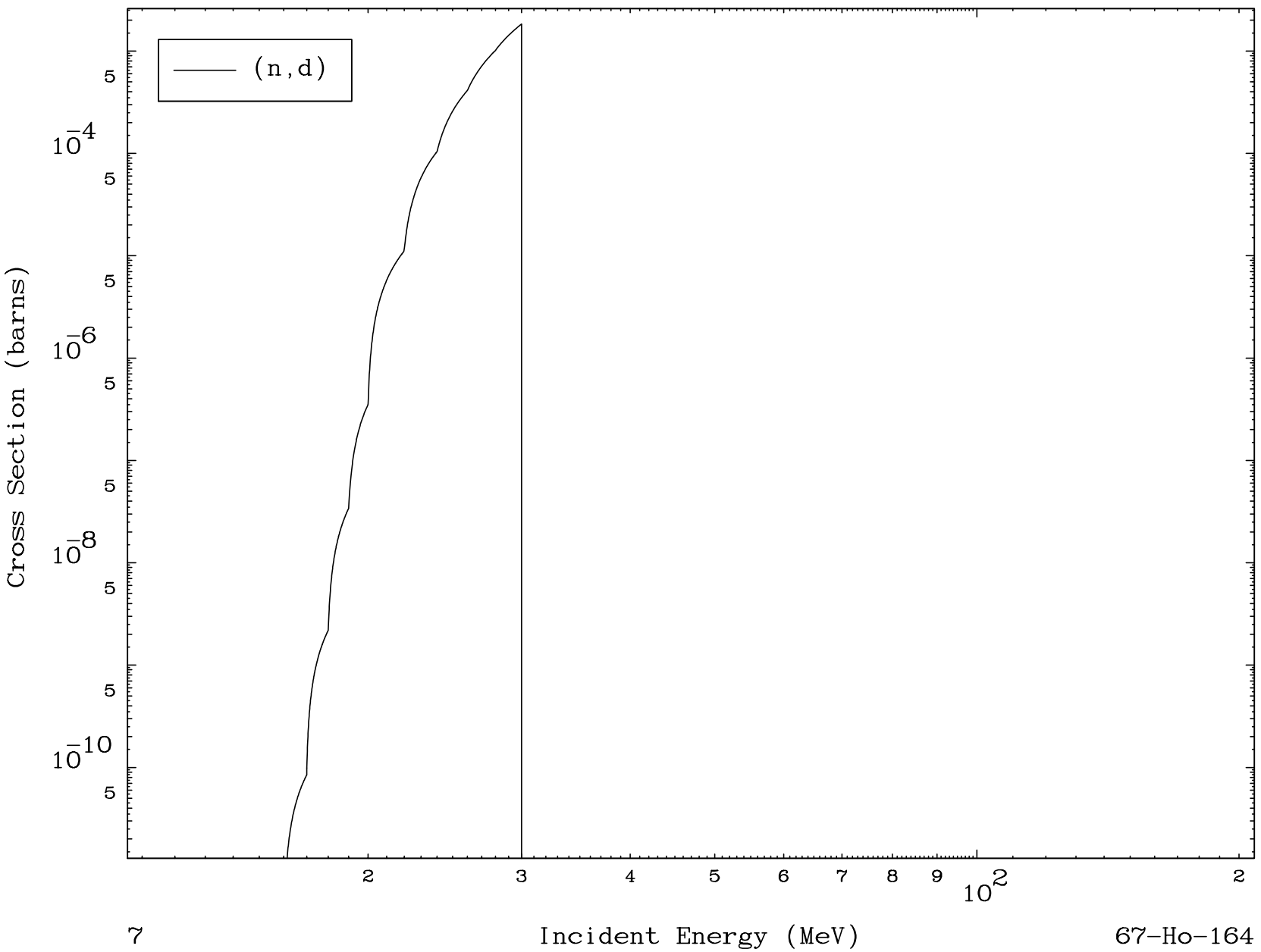

MAT 6722
α Neutron Absorption
0 Kelvin Cross Sections
67-Ho-164
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164

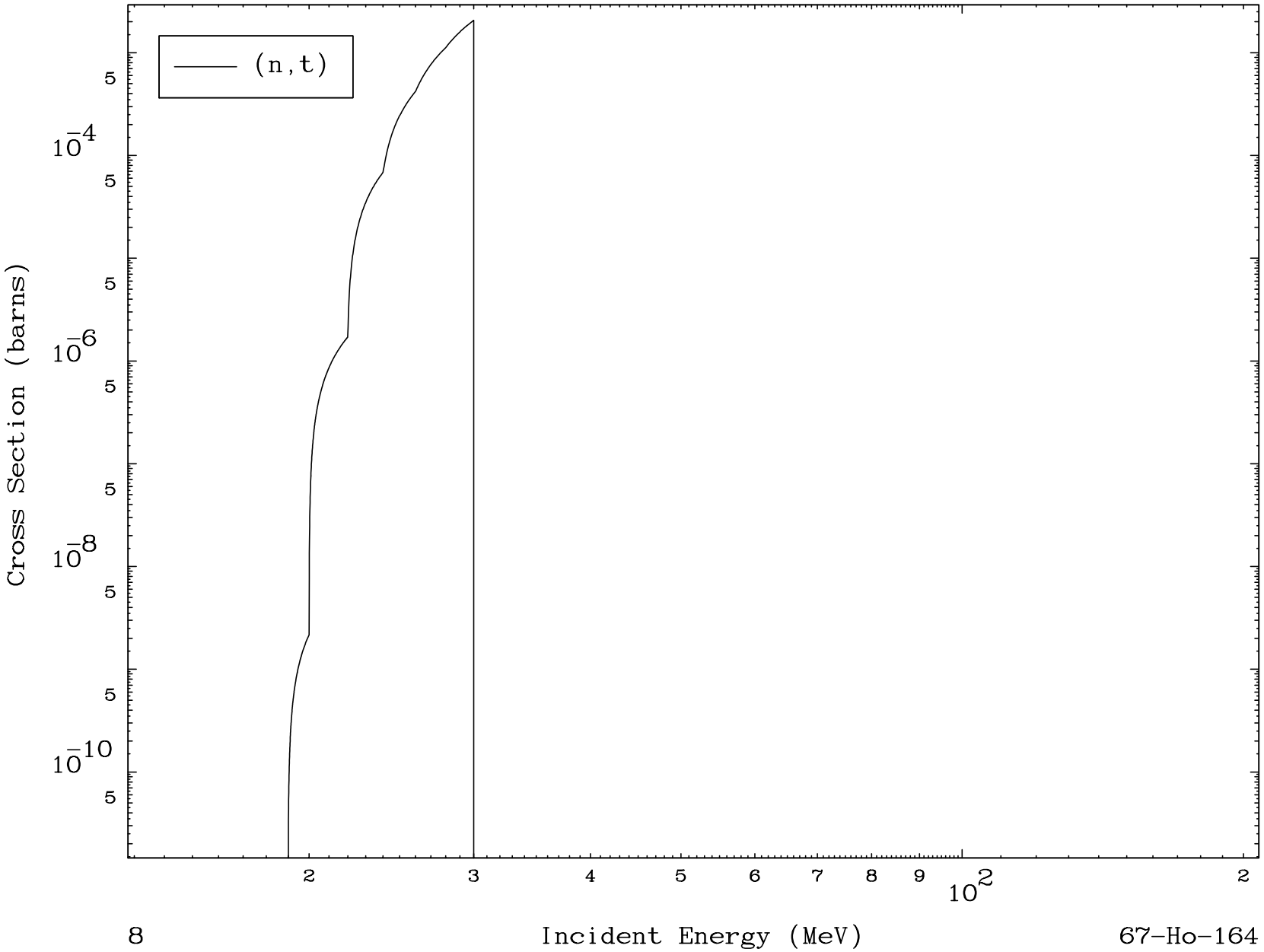

MAT 6722
α Neutron Absorption
0 Kelvin Cross Sections
67-Ho-164
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
3
67-Ho-164


MAT 6722
α Charged Particle
0 Kelvin Cross Sections
67-Ho-164
(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-164

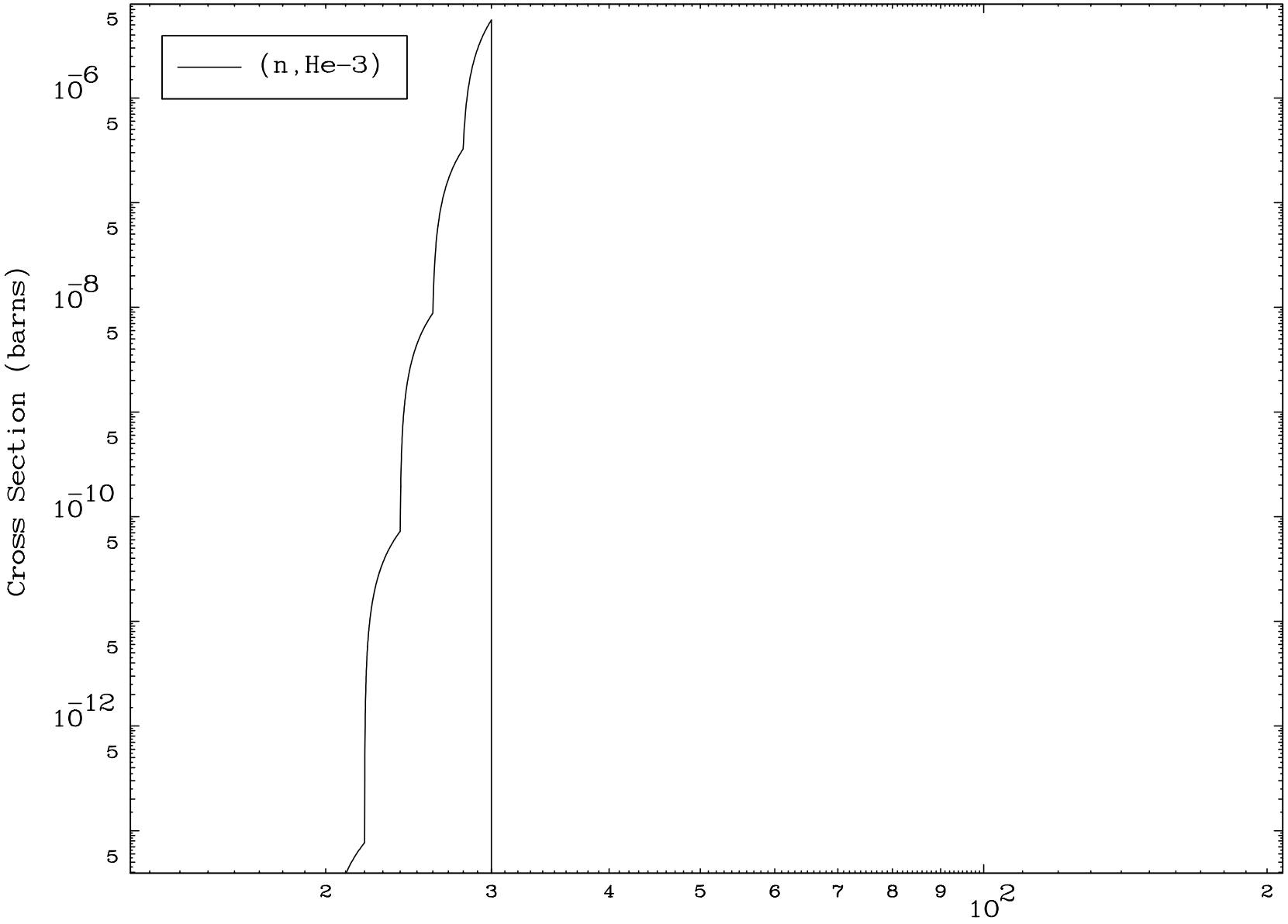

MAT 6722
α Charged Particle
0 Kelvin Cross Sections
67-Ho-164
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
67-Ho-164

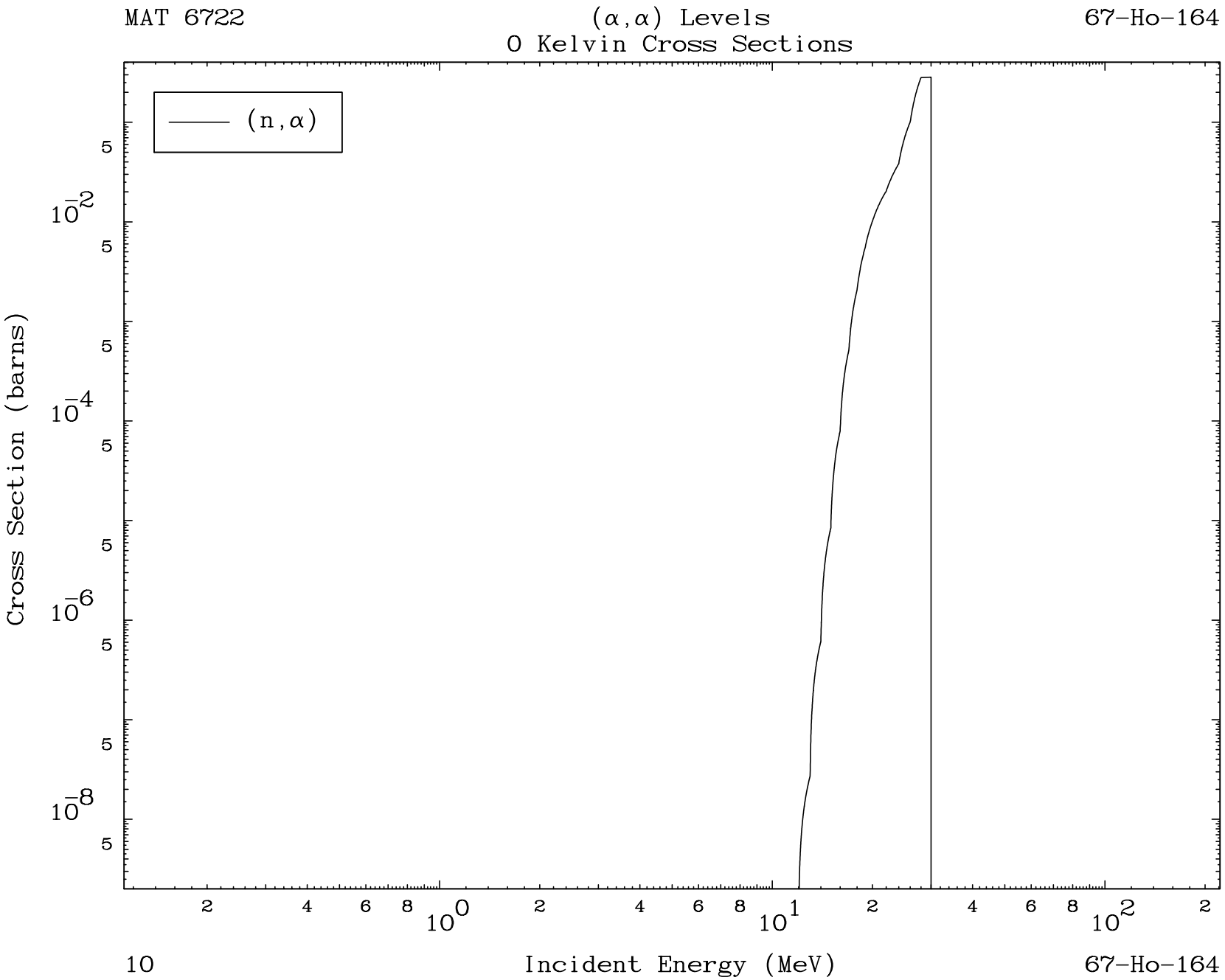

MAT 6722
(α,p) Levels
67-Ho-164
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
67-Ho-164

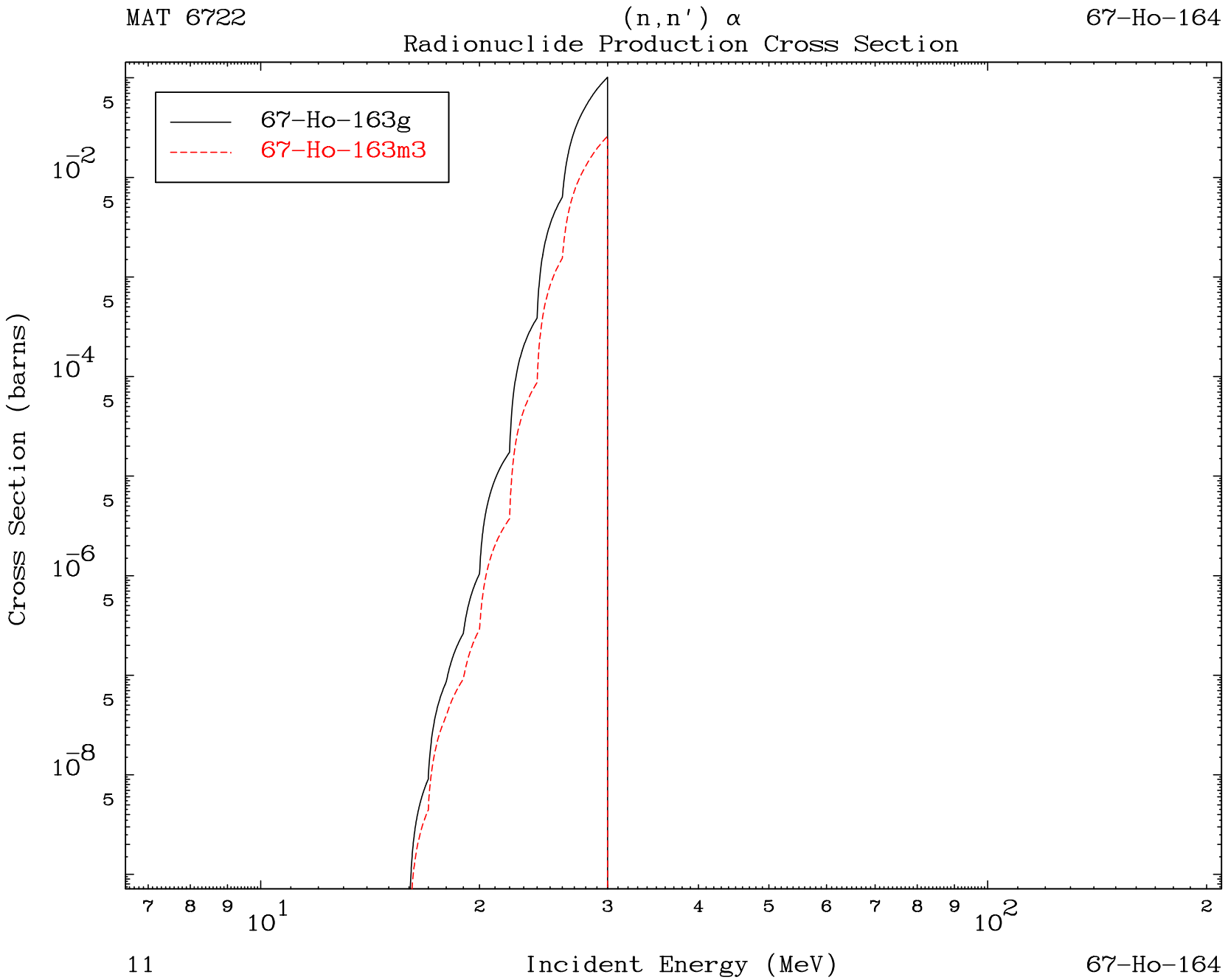

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

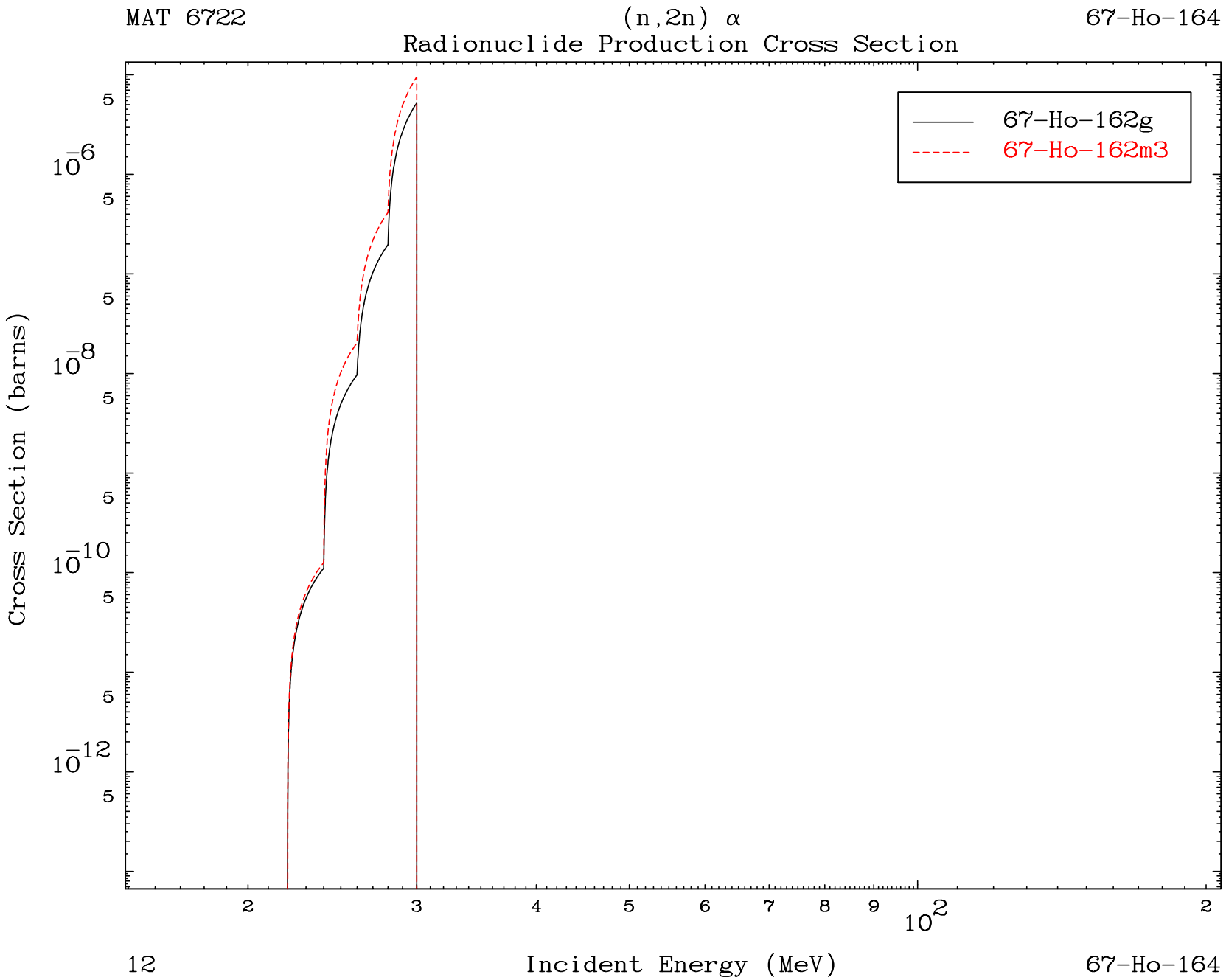

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

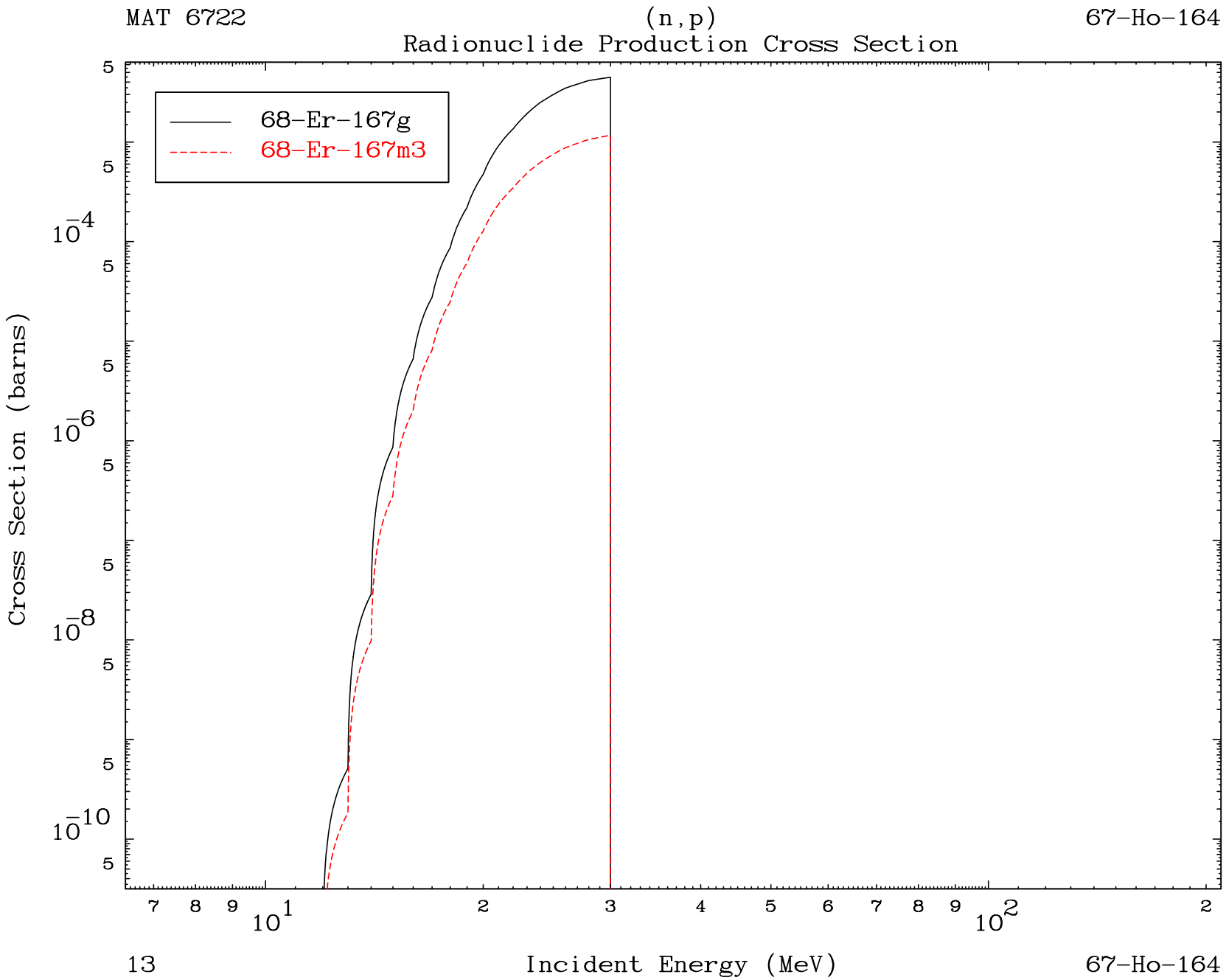
0 Kelvin Cross Sections

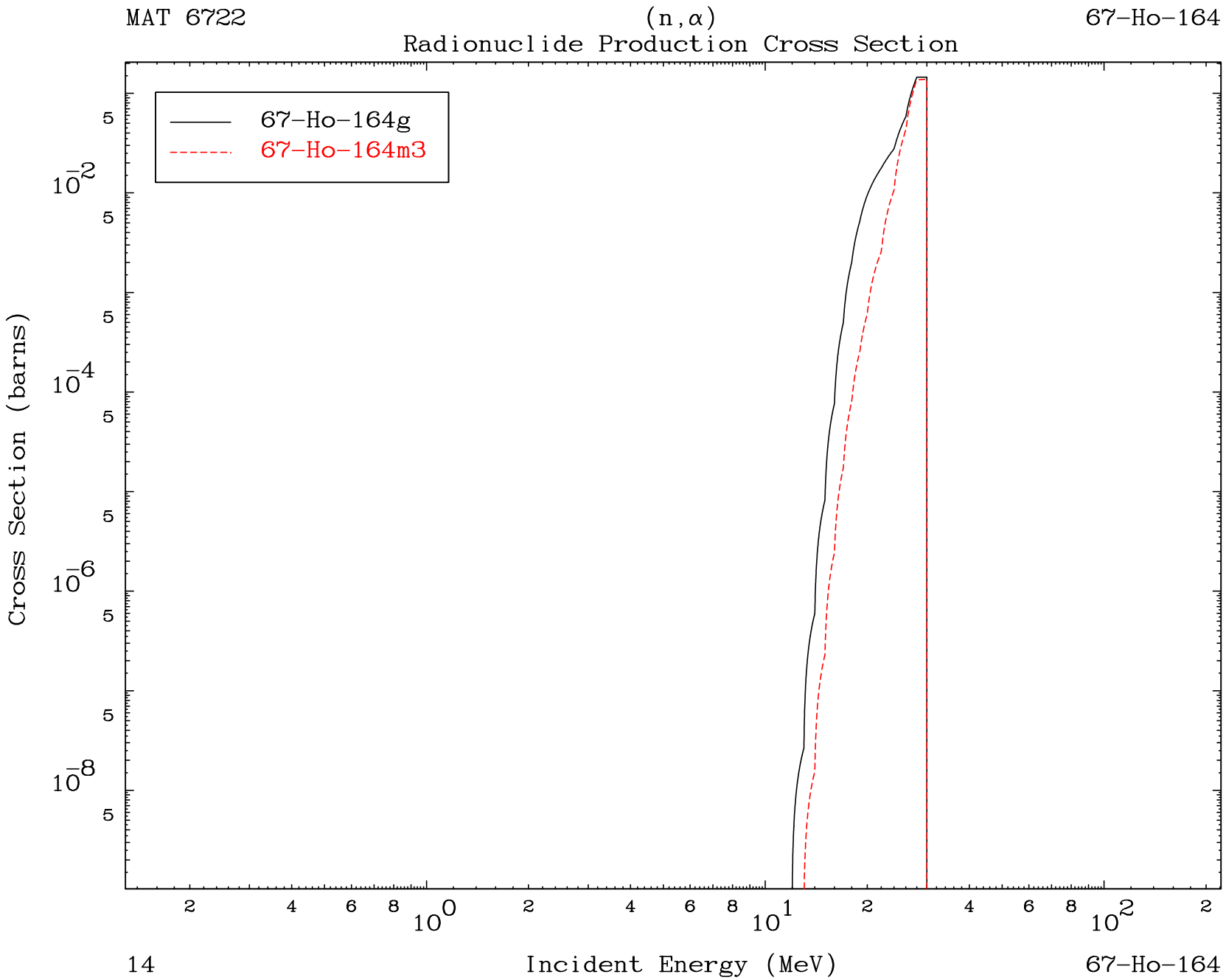


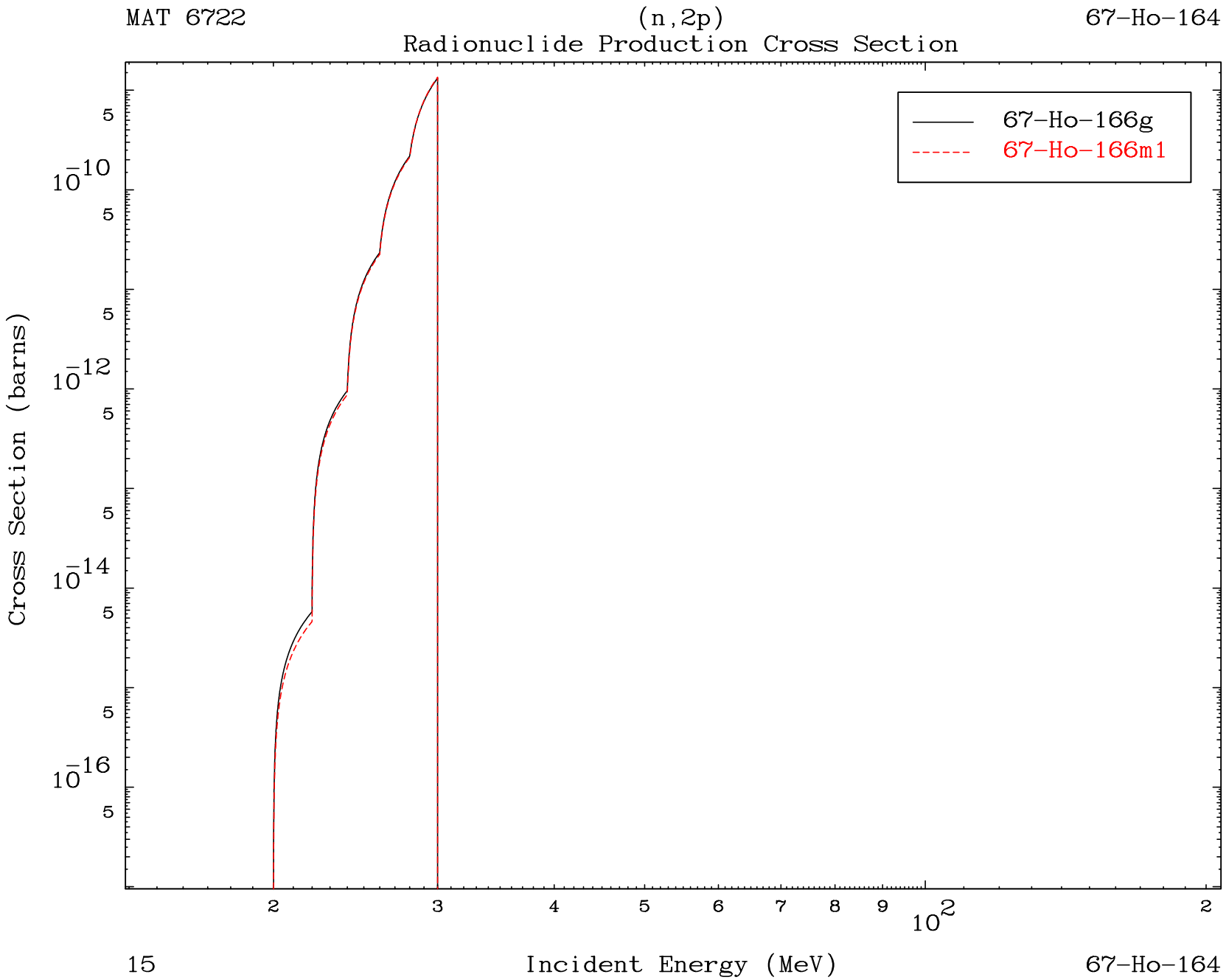

MAT 6722
(α,α) Levels
67-Ho-164
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
67-Ho-164


MAT 6722
(n,n') α
67-Ho-164
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
10-2
10-4
10-6
10-8
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
11
67-Ho-164


MAT 6722
(n,2n) α
67-Ho-164
Radionuclide Production Cross Section
67-Ho-162g
67-Ho-162m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
12
Incident Energy (MeV)
67-Ho-164


MAT 6722
(n,p)
67-Ho-164
Radionuclide Production Cross Section
68-Er-167g
68-Er-167m3
Cross Section (barns)
Incident Energy (MeV)
13
67-Ho-164


MAT 6722
(n,α)
67-Ho-164
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-164


MAT 6722
(n,2p)
67-Ho-164
Radionuclide Production Cross Section
67-Ho-166g
67-Ho-166m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
15
67-Ho-164