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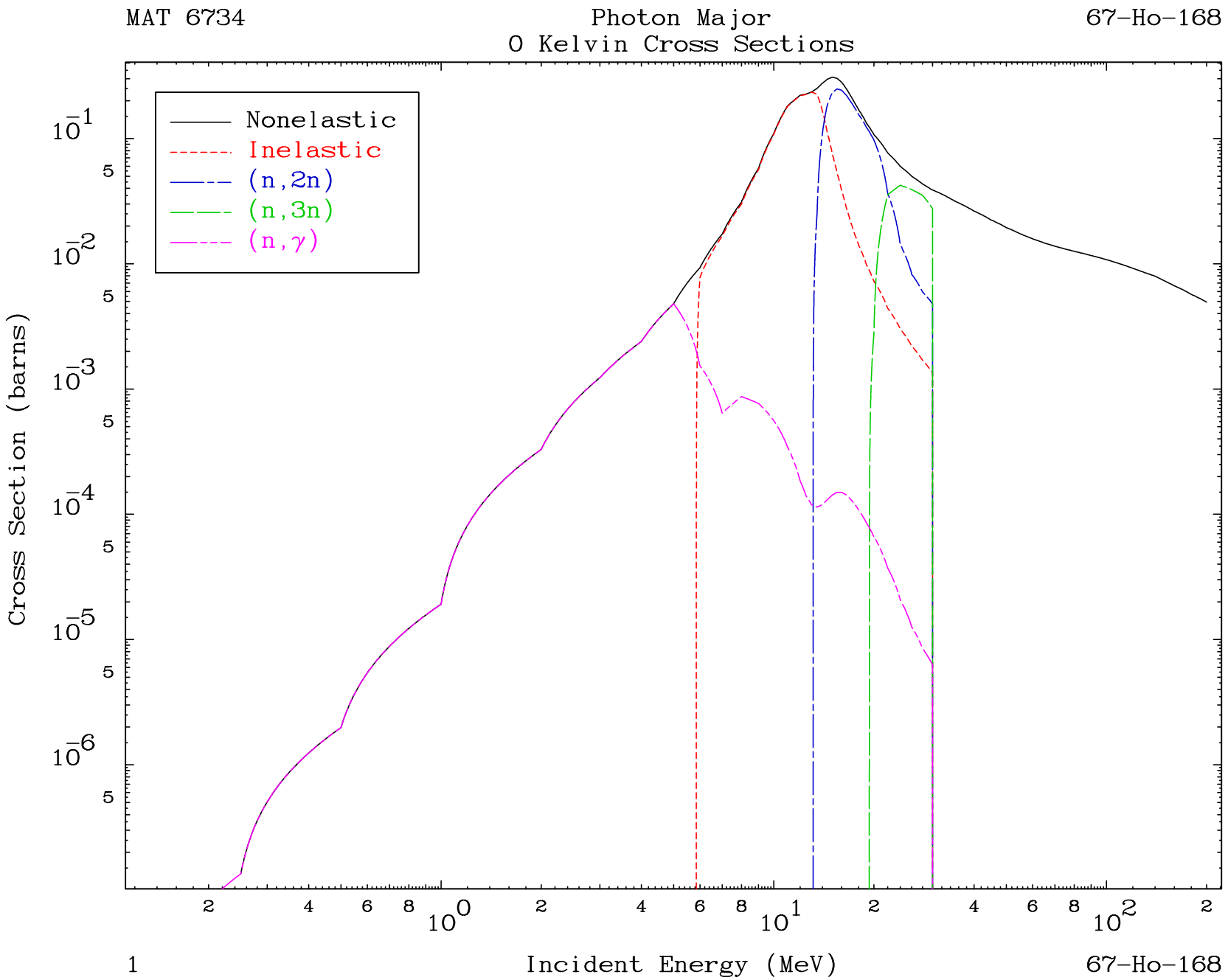
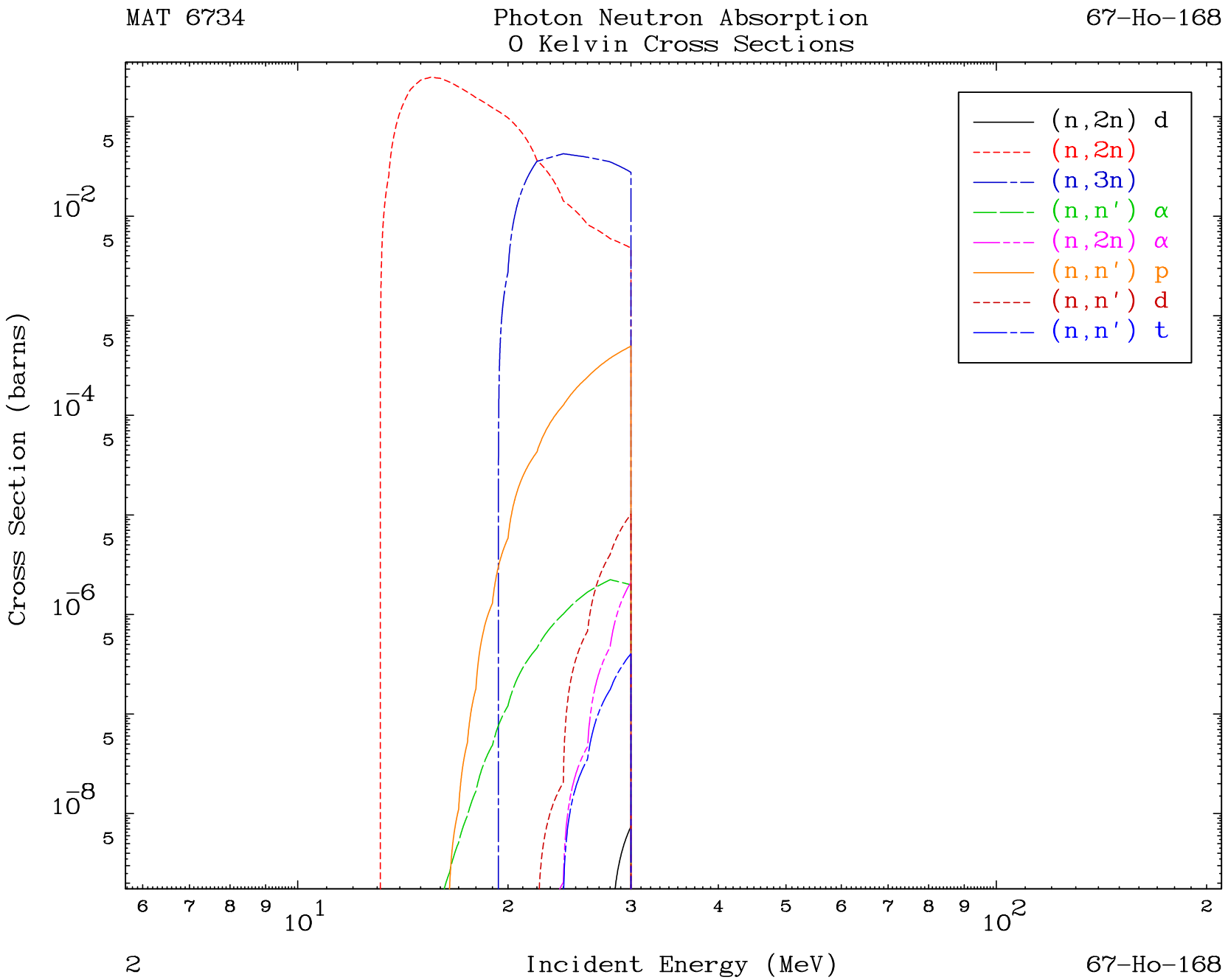
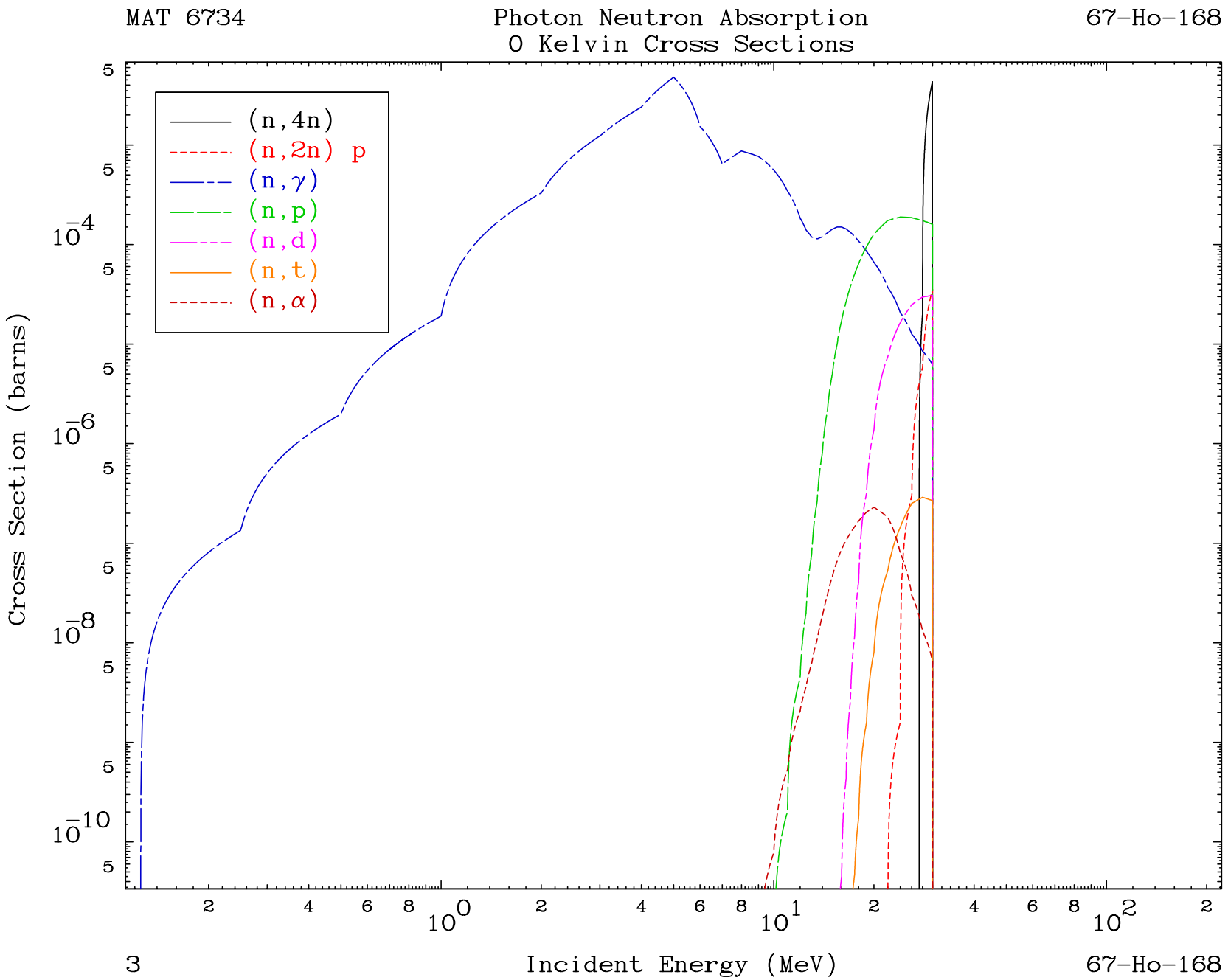
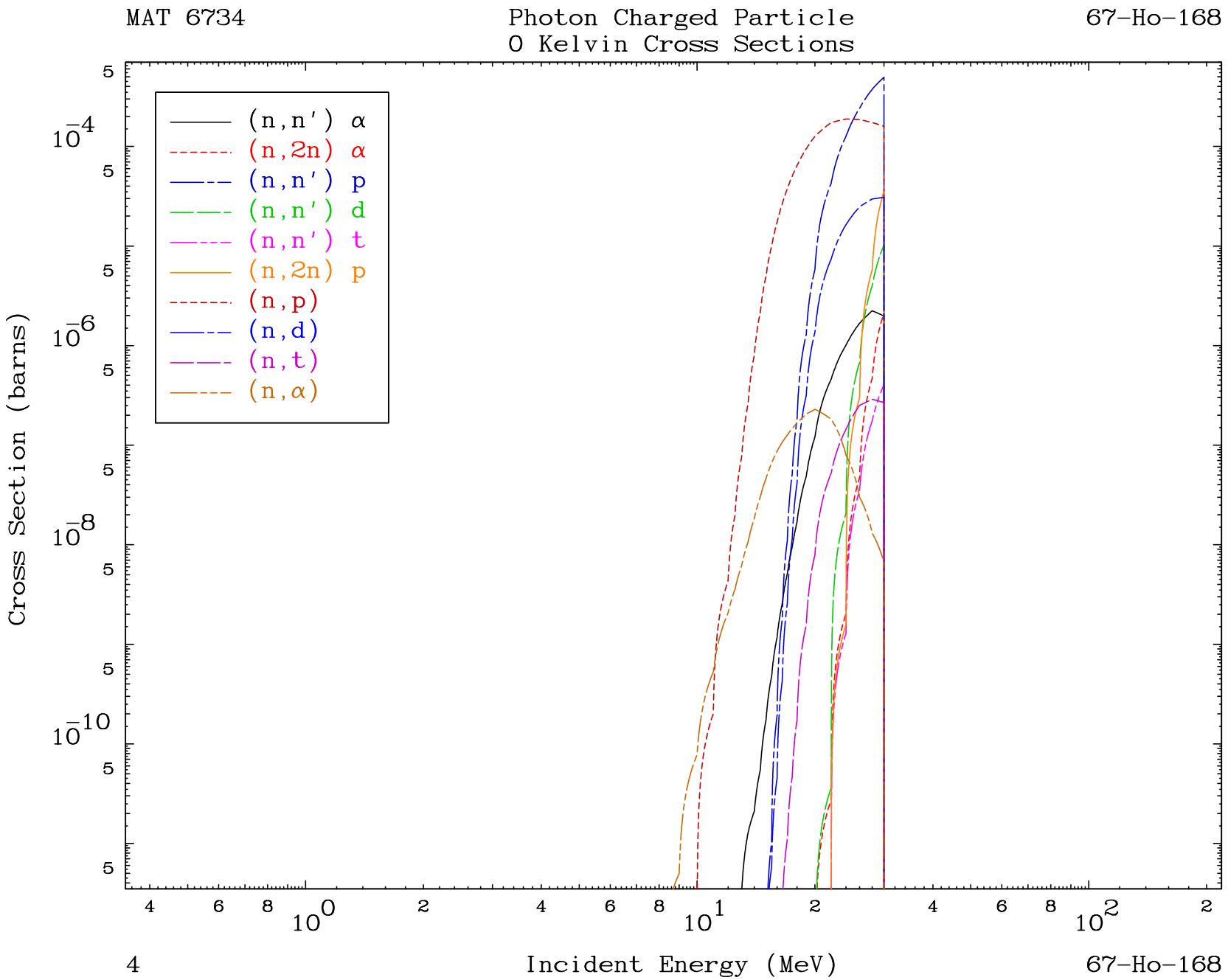
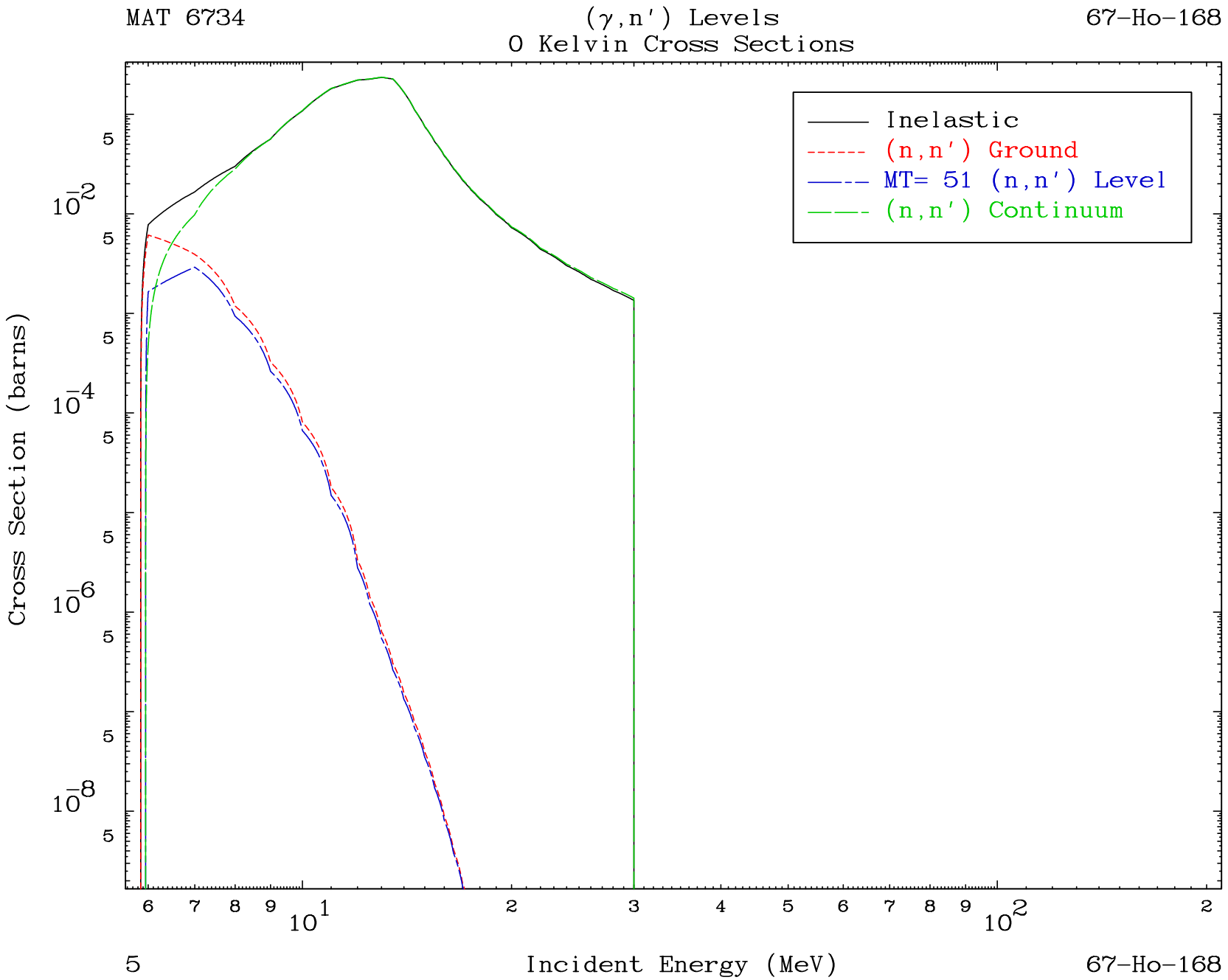
Press Mouse Button to Start

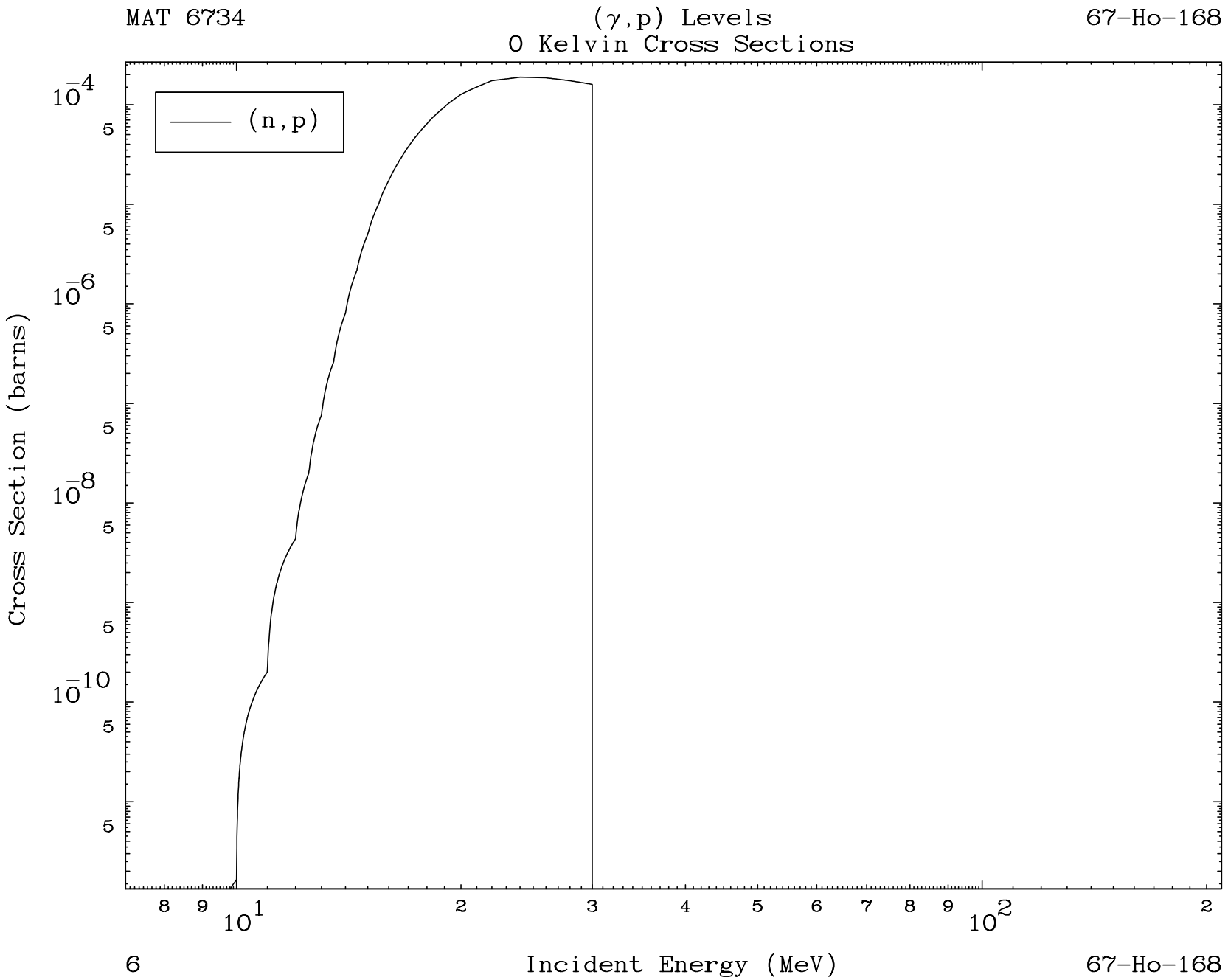

MAT 6734
Photon Major
67-Ho-168
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-168
1

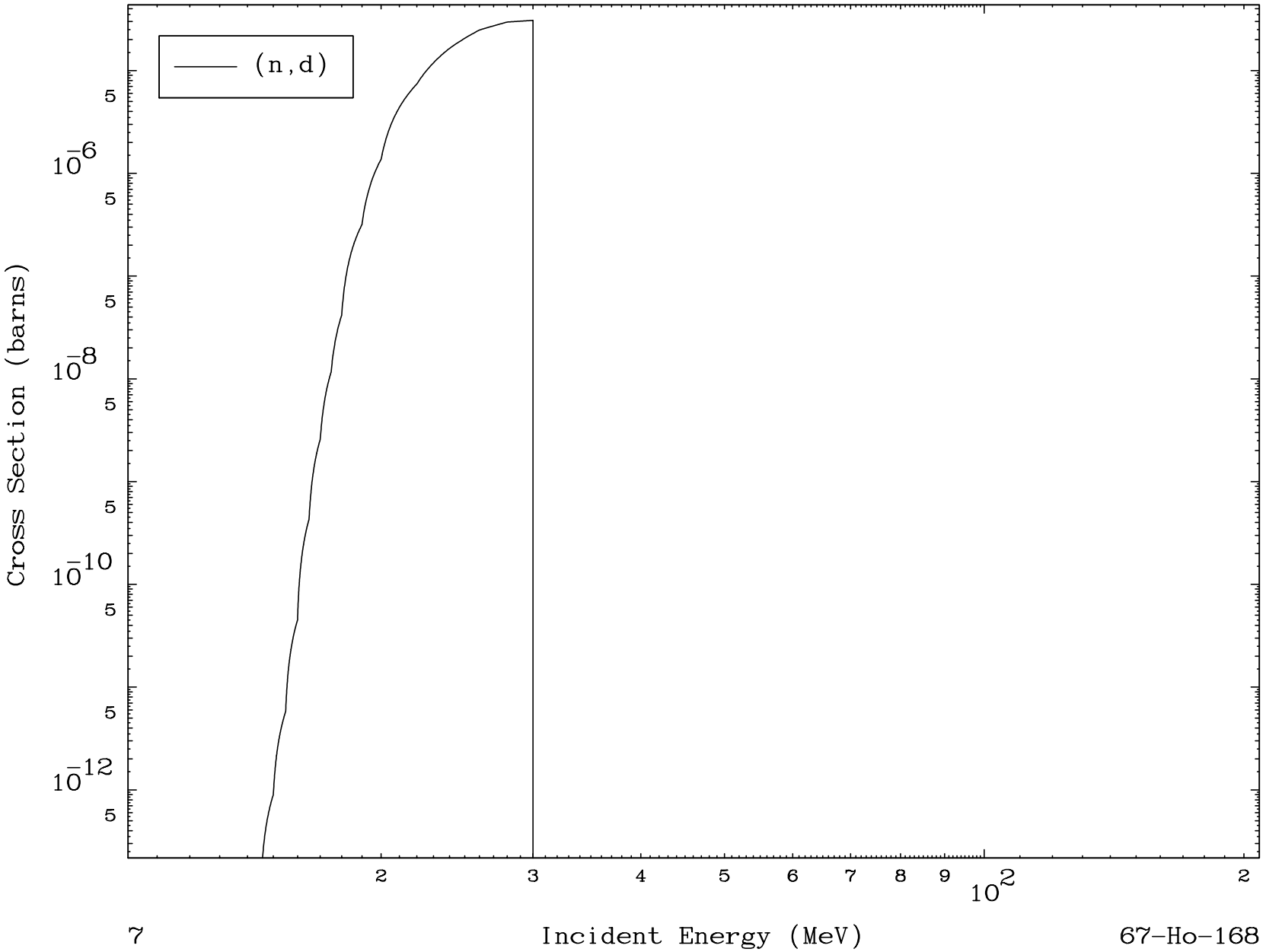

MAT 6734
Photon Neutron Absorption
0 Kelvin Cross Sections
67-Ho-168
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
67-Ho-168
2

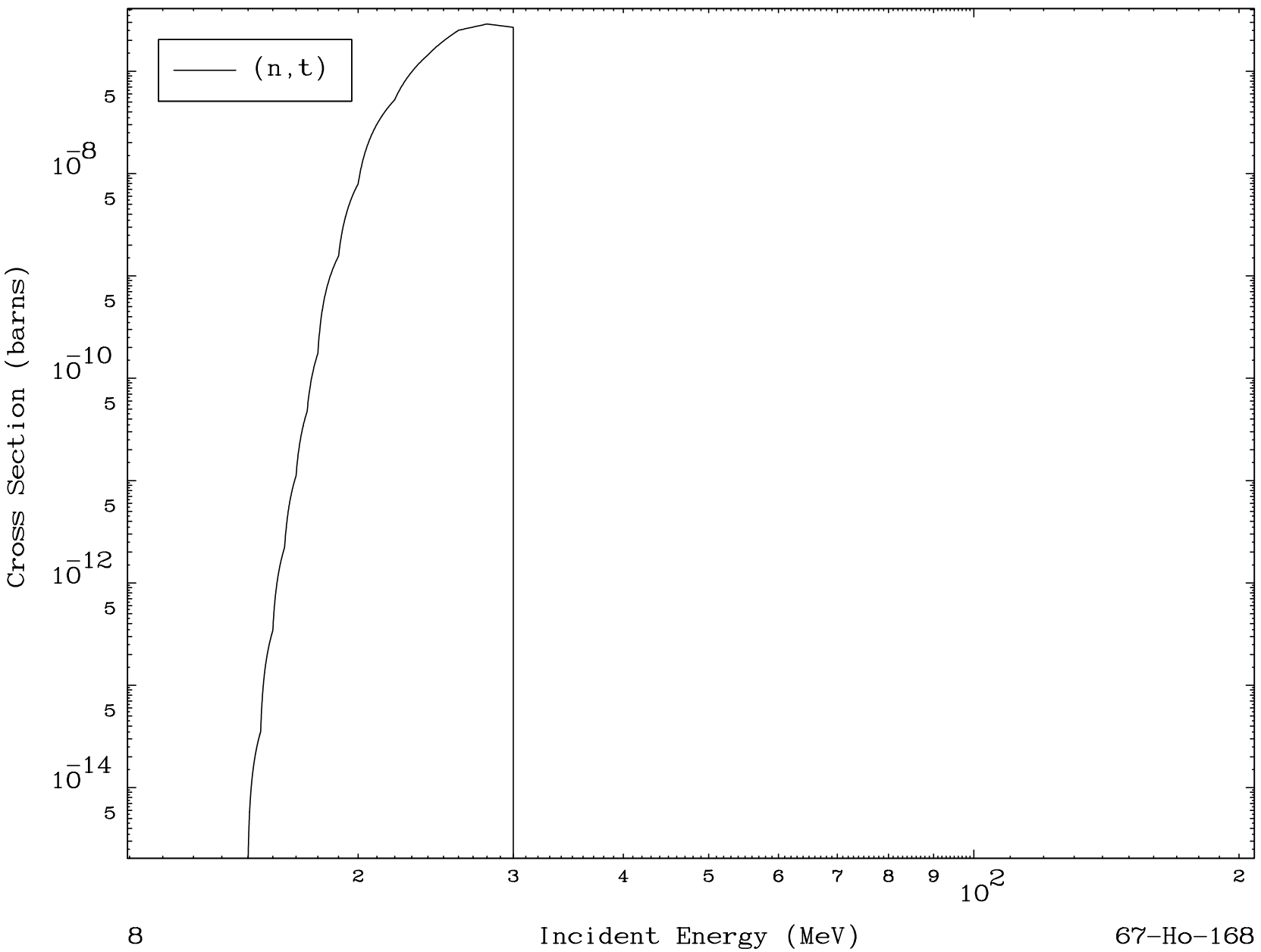

MAT 6734
Photon Neutron Absorption
0 Kelvin Cross Sections
67-Ho-168
(n,4n)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-168

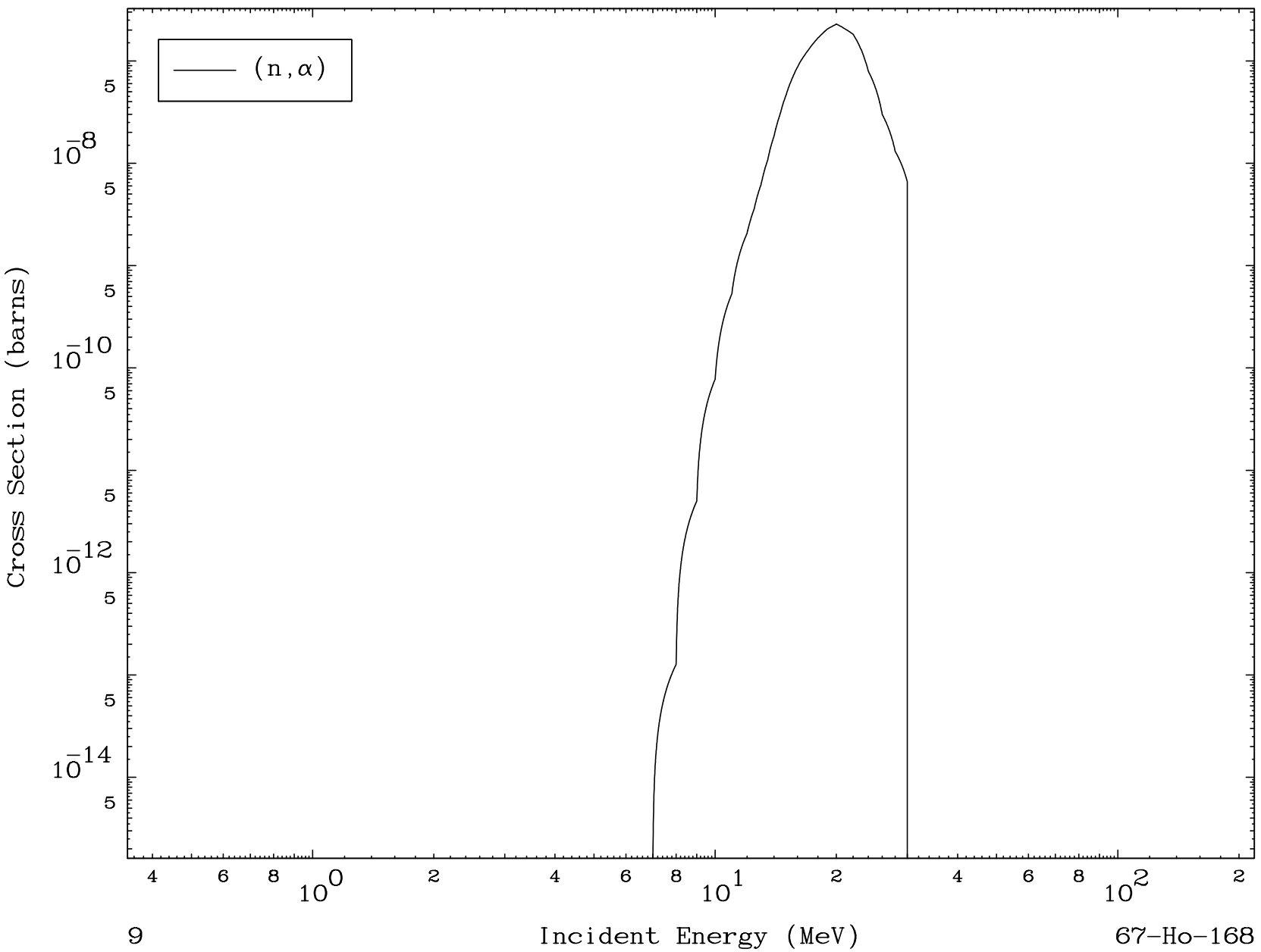

MAT 6734
Photon Charged Particle
0 Kelvin Cross Sections
67-Ho-168
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-168
4

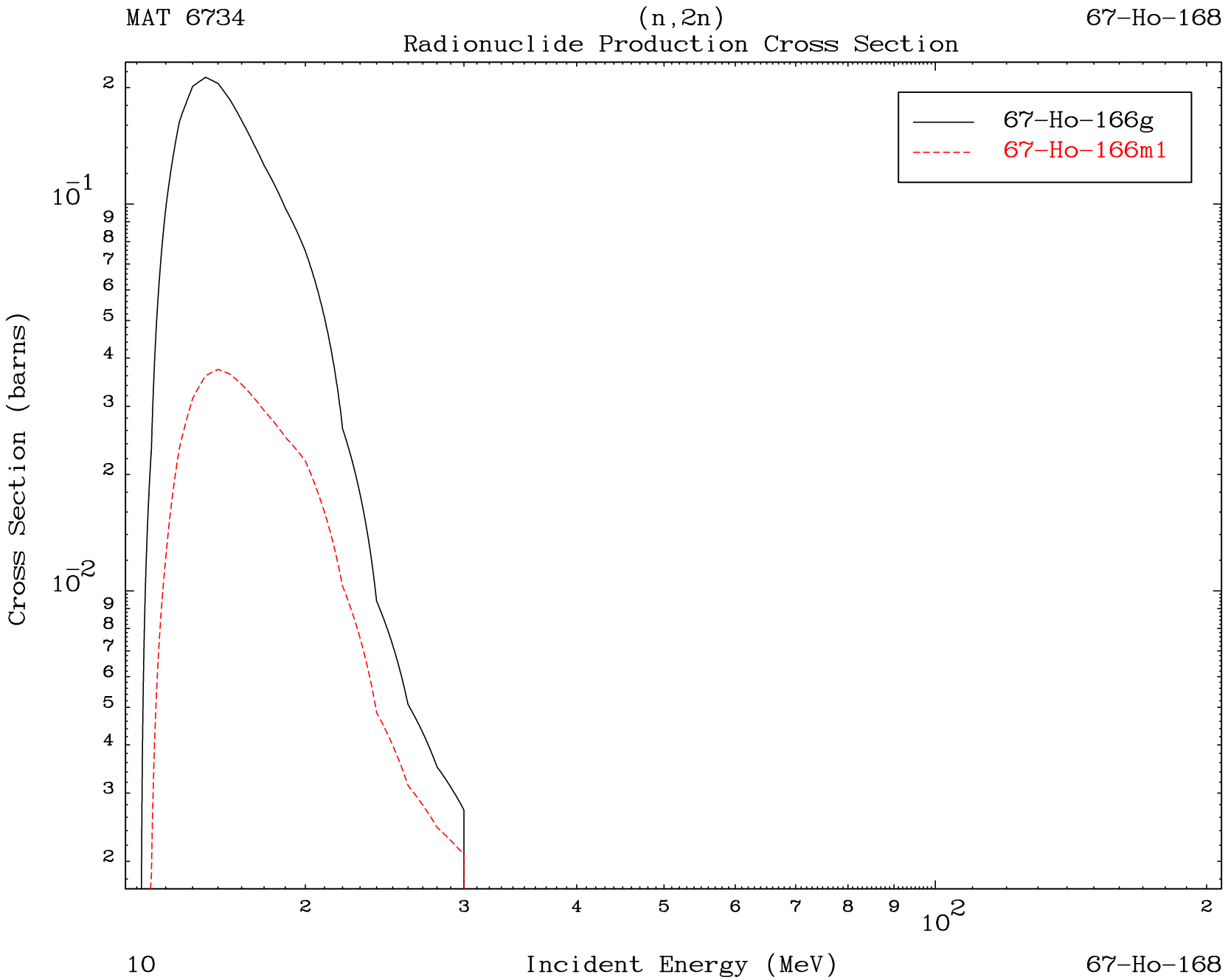

MAT 6734
(γ,n') Levels
0 Kelvin Cross Sections
67-Ho-168
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
67-Ho-168
5

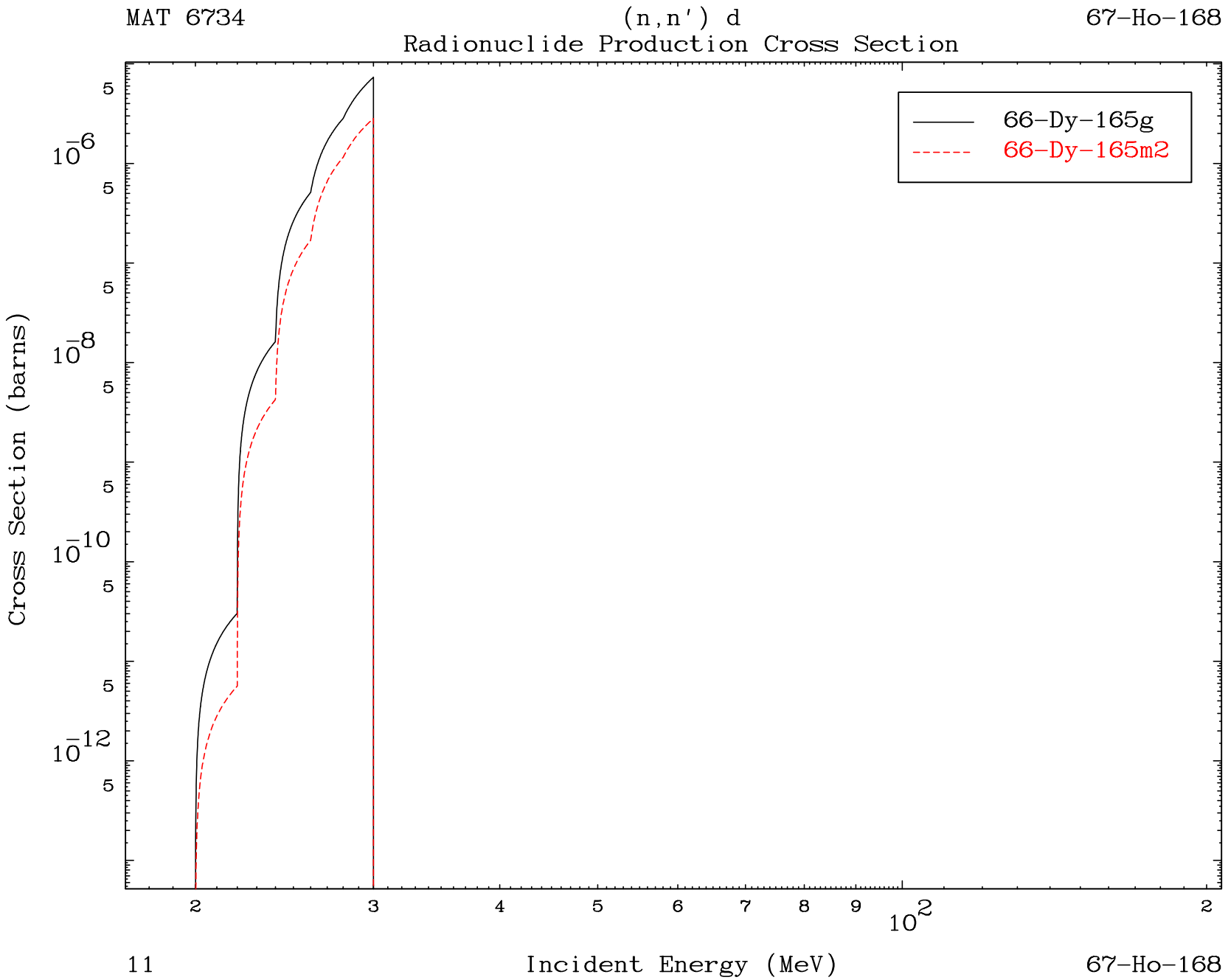

MAT 6734
(γ,p) Levels
67-Ho-168
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
67-Ho-168

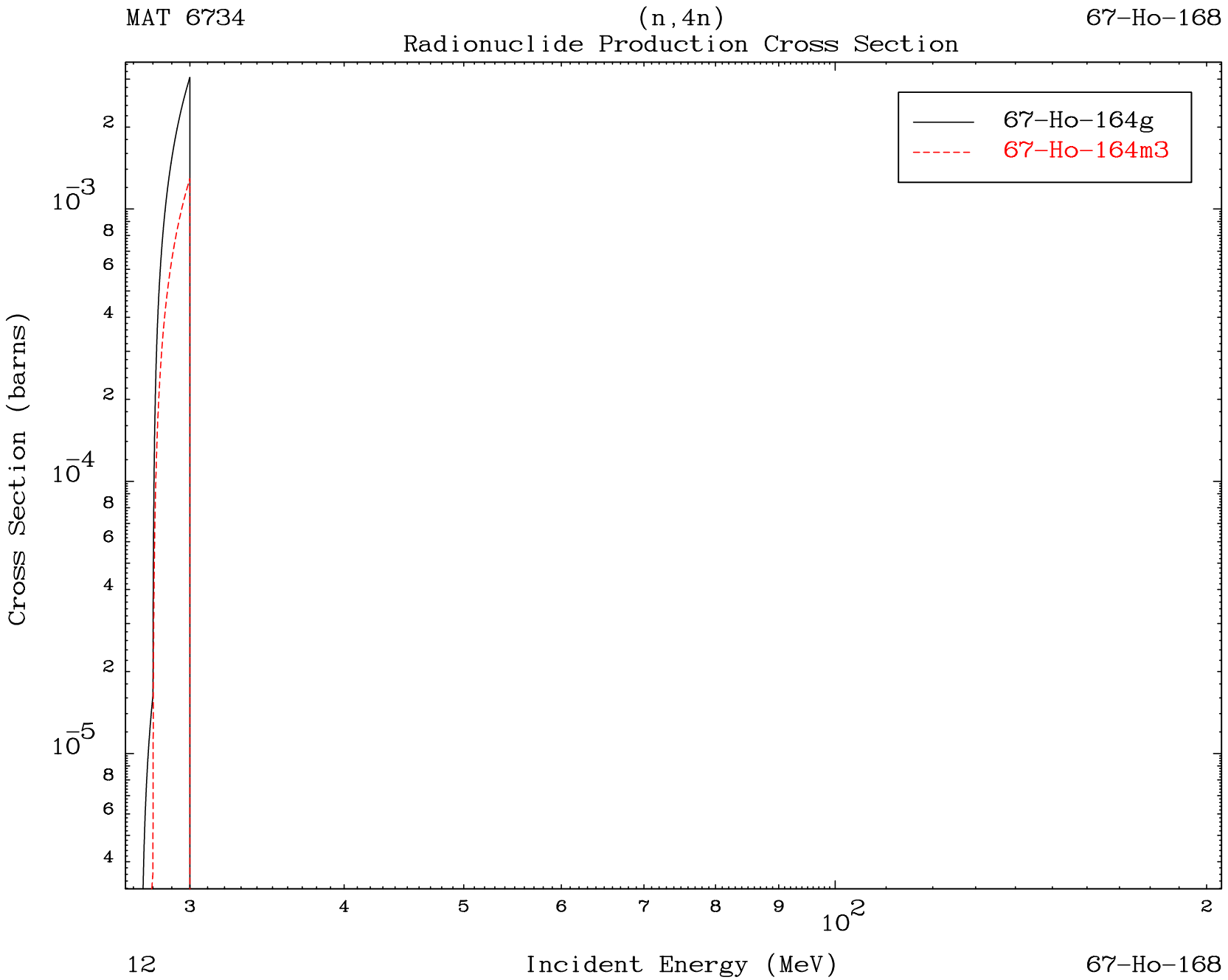

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

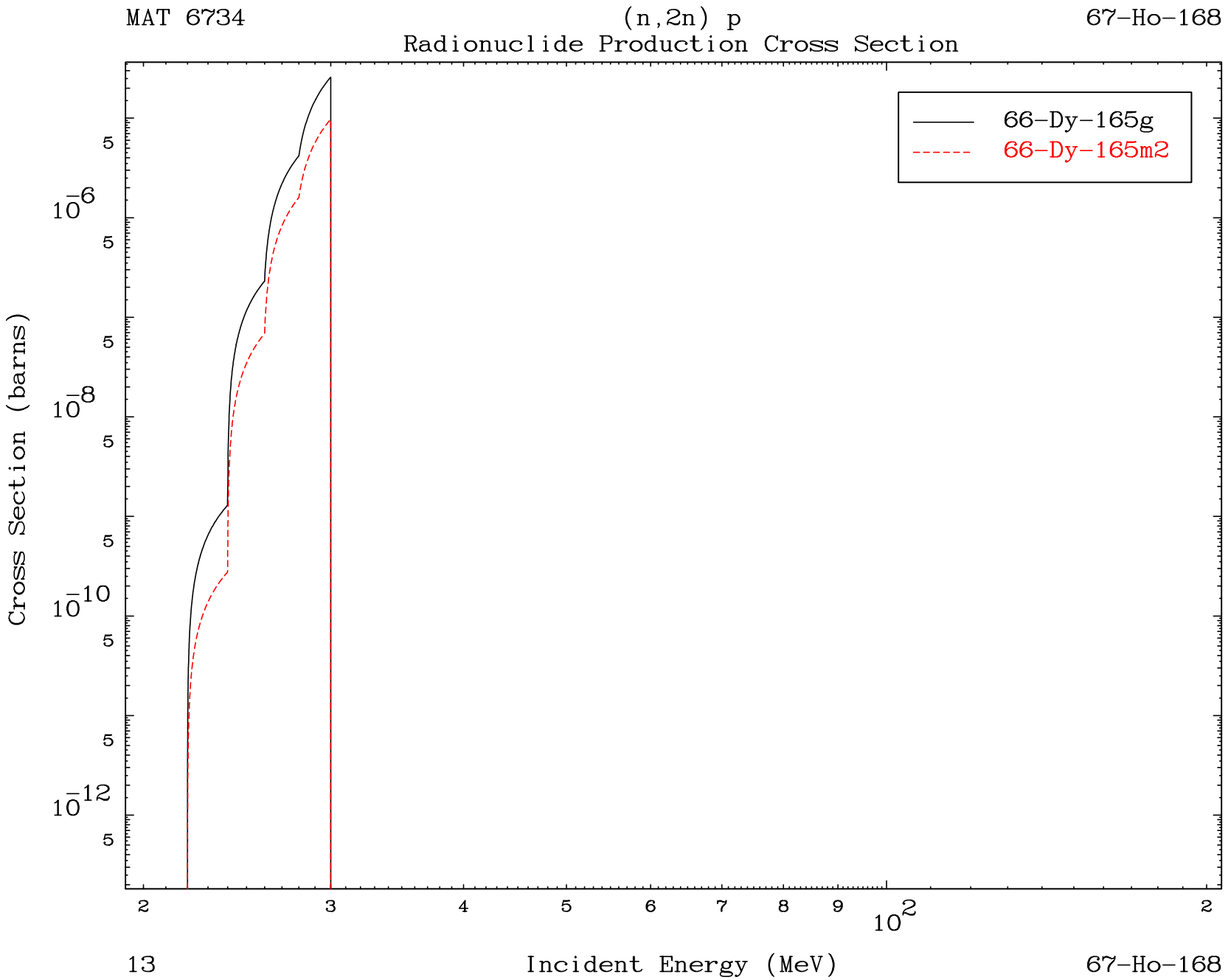

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

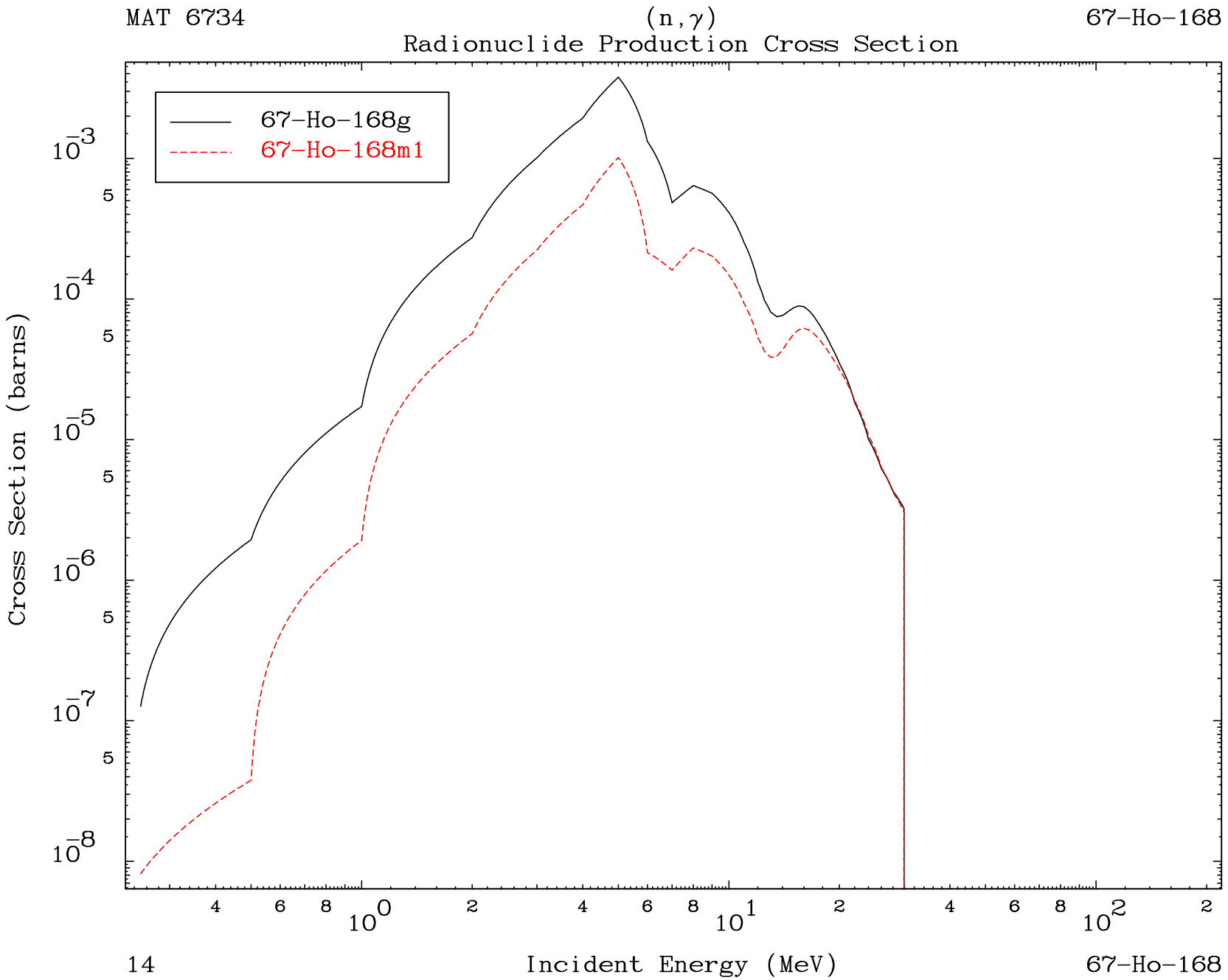

0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
4 6 8 10^0 2 4 6 8 10^1 2 4 6 8 10^2 2
Incident Energy (MeV)

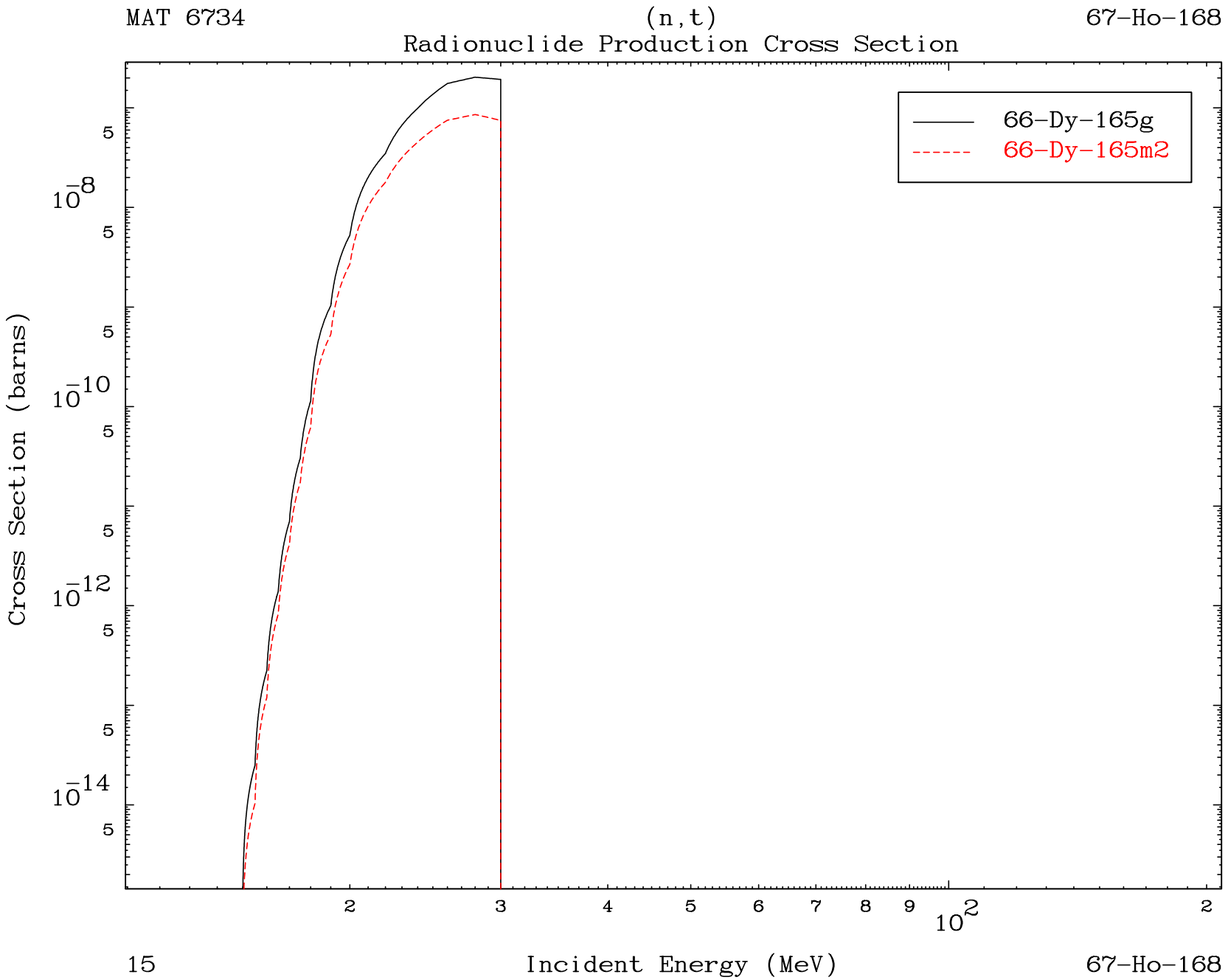

MAT 6734
(n,2n)
67-Ho-168
Radionuclide Production Cross Section
67-Ho-166g
67-Ho-166m1
Cross Section (barns)
Incident Energy (MeV)
10
67-Ho-168


MAT 6734
(n,n') d
67-Ho-168
Radionuclide Production Cross Section
66-Dy-165g
66-Dy-165m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
67-Ho-168


MAT 6734
(n,4n)
67-Ho-168
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
10-3
10-4
10-5
2
8
6
4
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
67-Ho-168


MAT 6734
(n,2n) p
67-Ho-168
Radionuclide Production Cross Section
66-Dy-165g
66-Dy-165m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
67-Ho-168


MAT 6734
(n,γ)
67-Ho-168
Radionuclide Production Cross Section
67-Ho-168g
67-Ho-168m1
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
5
4
6
8
100
2
101
102
14
Incident Energy (MeV)
67-Ho-168


MAT 6734
(n,t)
67-Ho-168
Radionuclide Production Cross Section
66-Dy-165g
66-Dy-165m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
67-Ho-168