Program EVALPLOT
(Version 2018-1)
by
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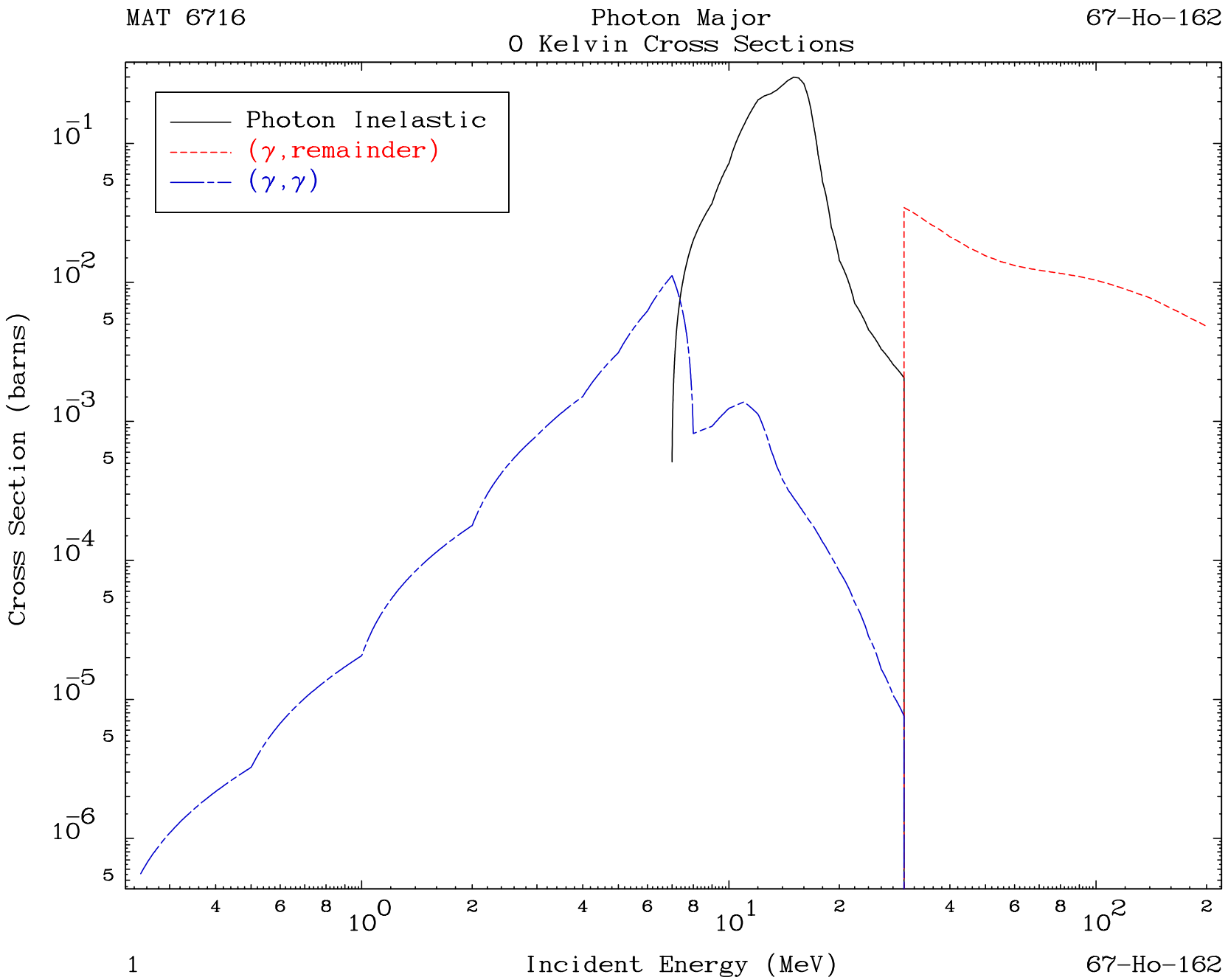
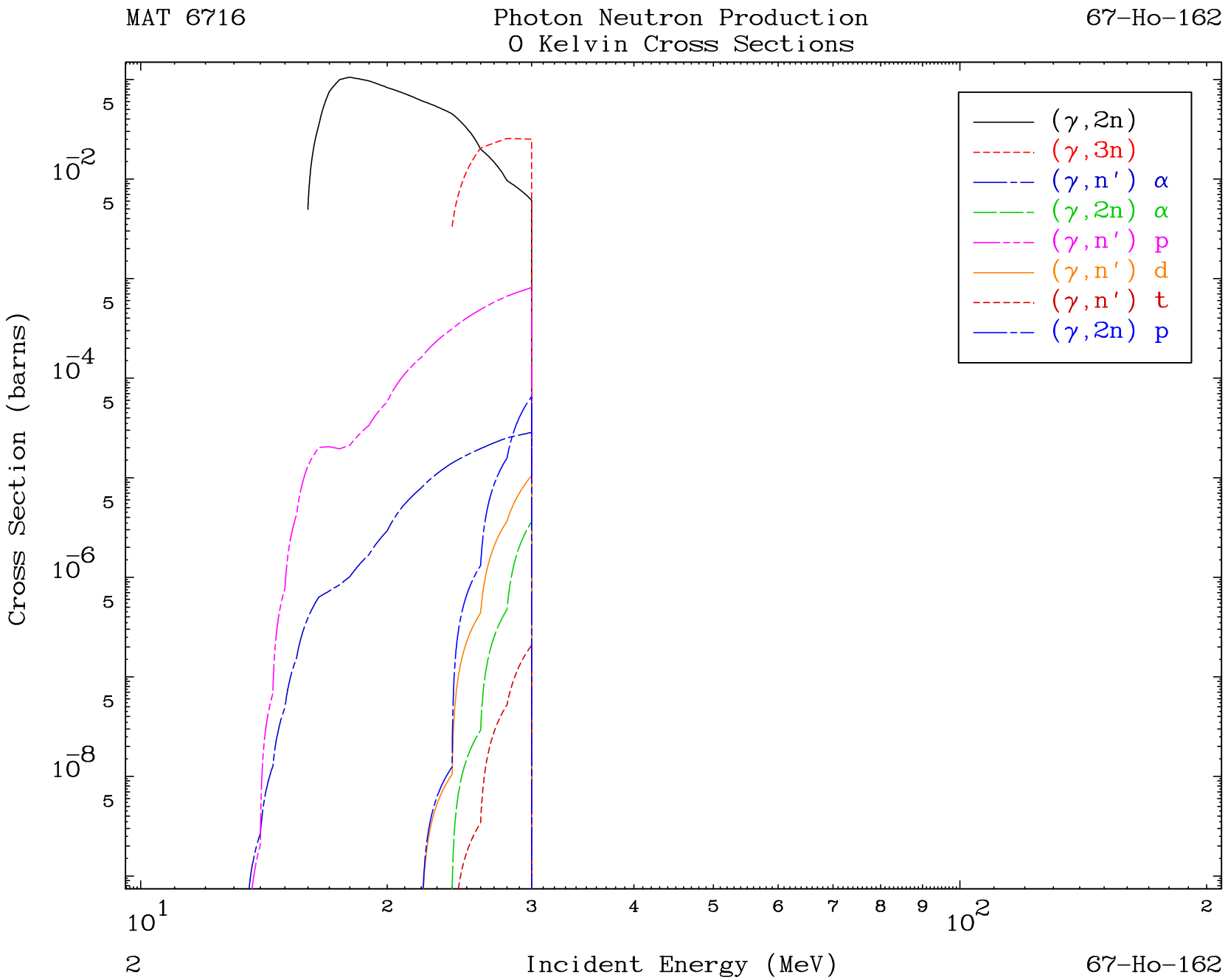
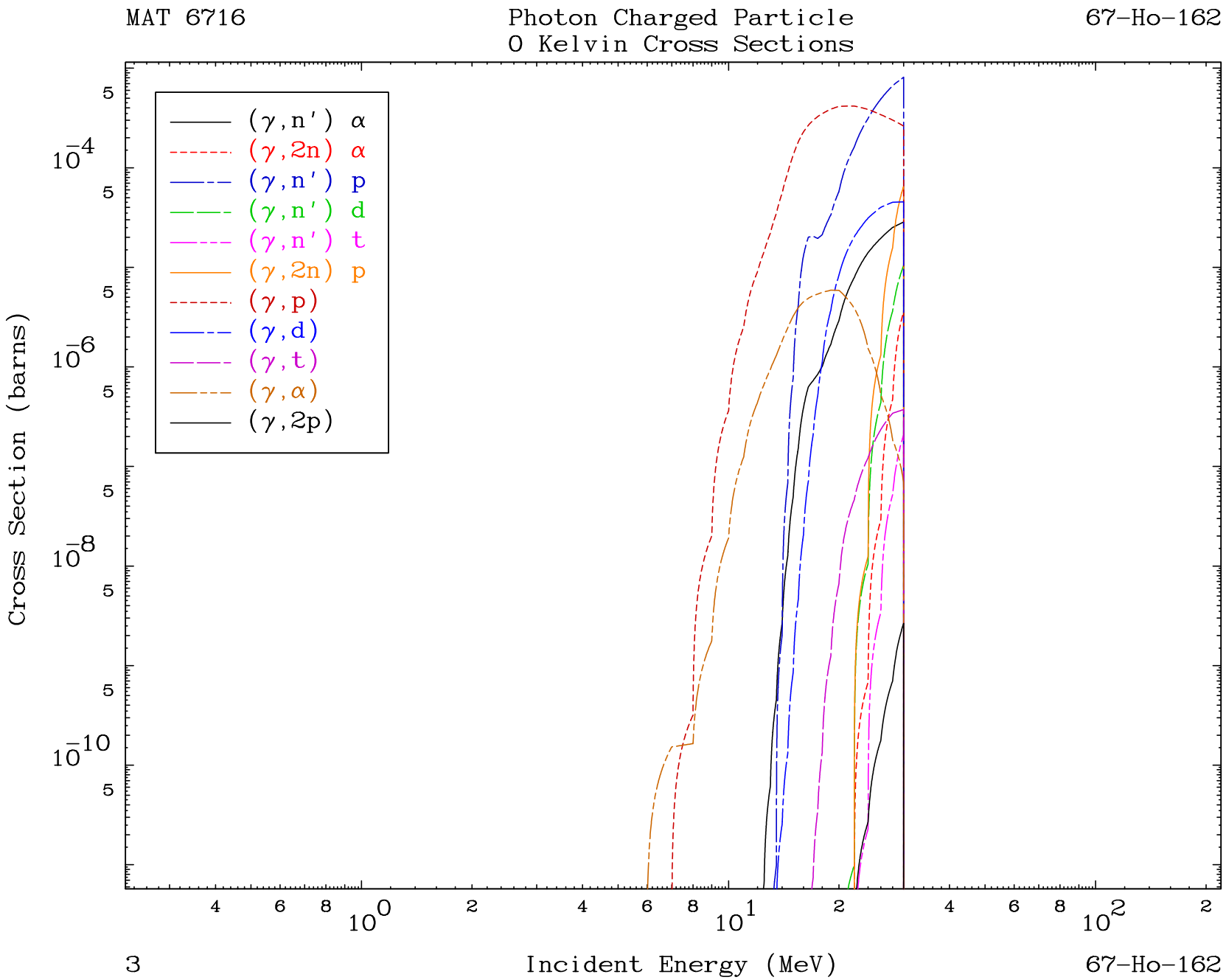
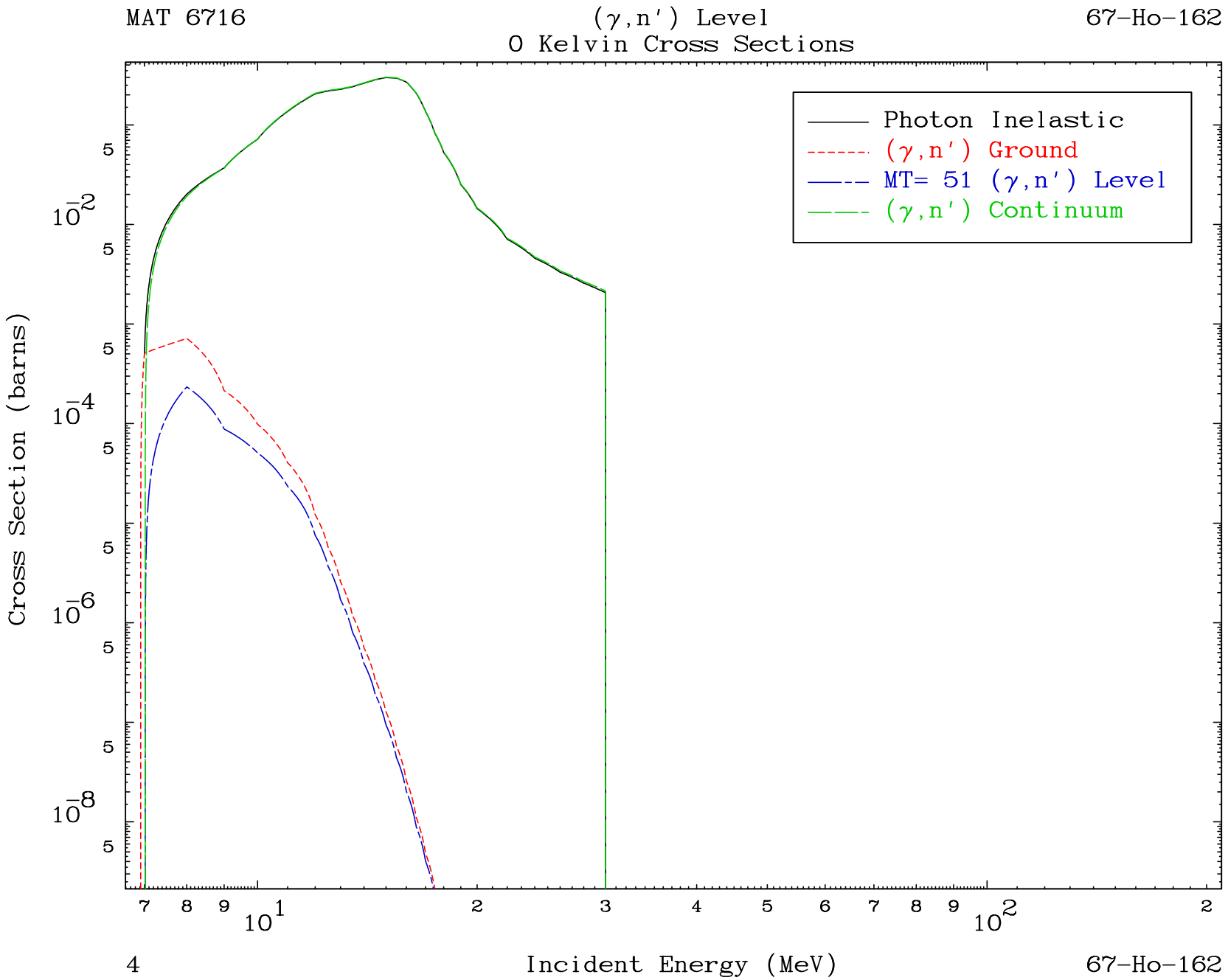
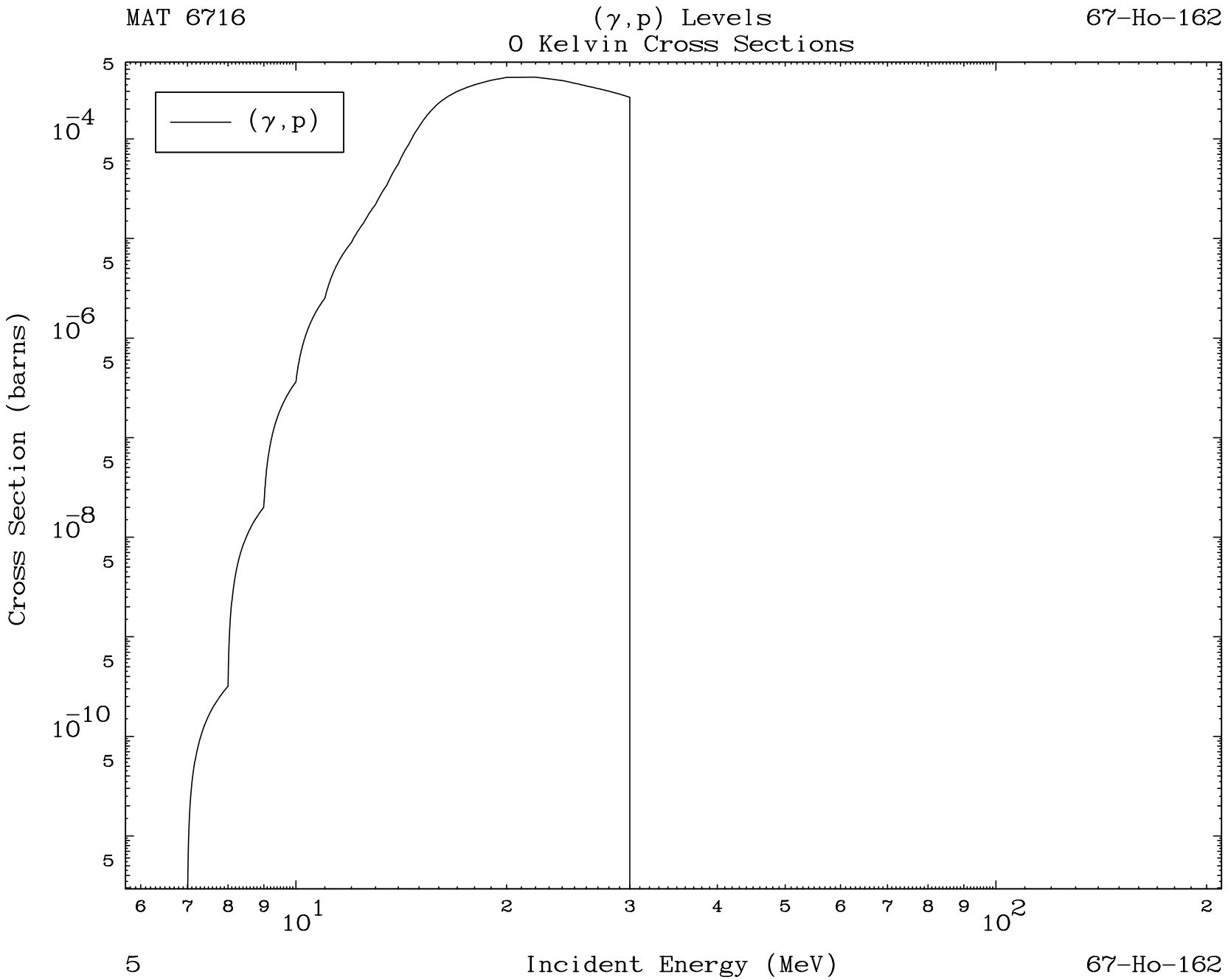
Press Mouse Button to Start

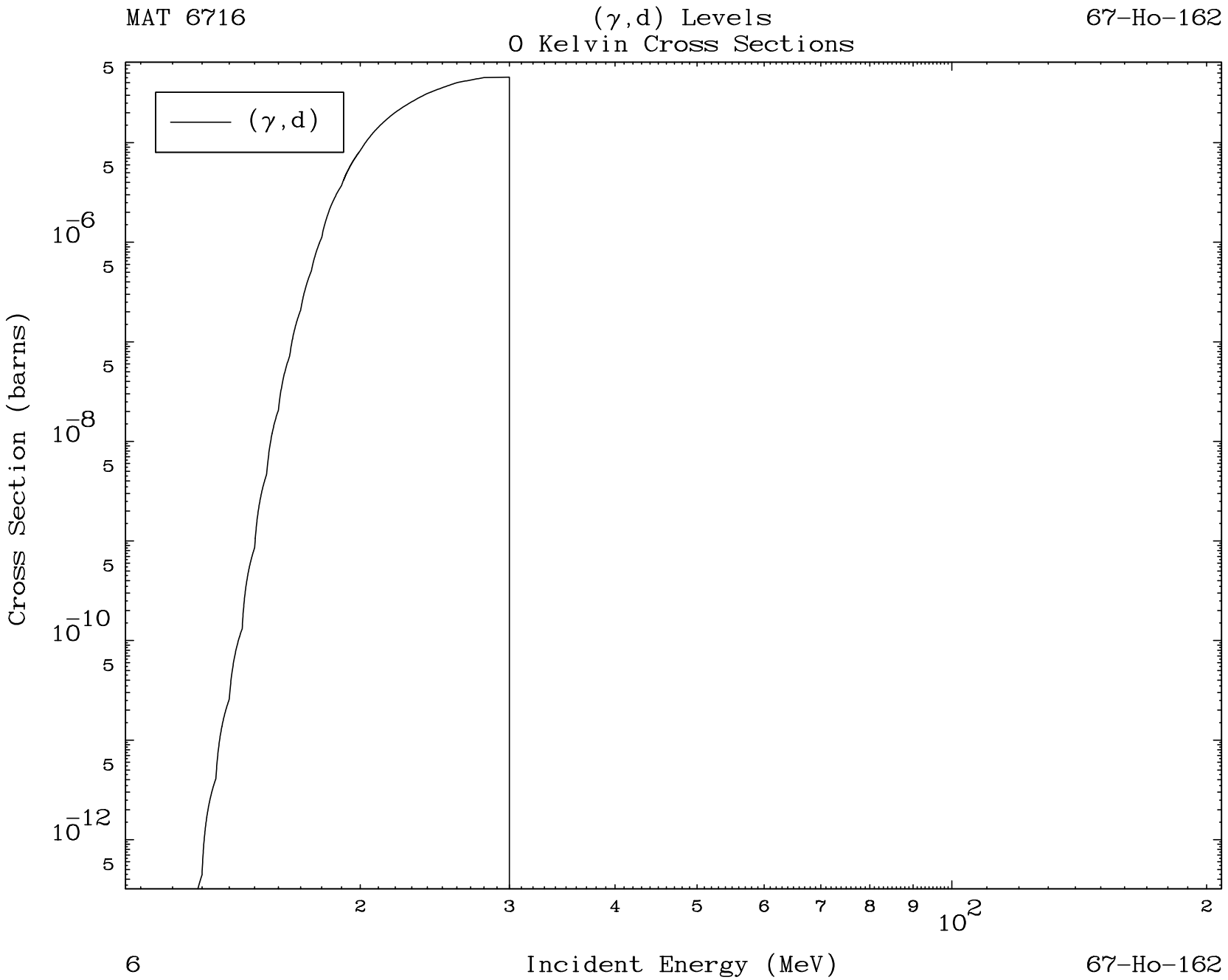

MAT 6716
Photon Major
67-Ho-162
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-162

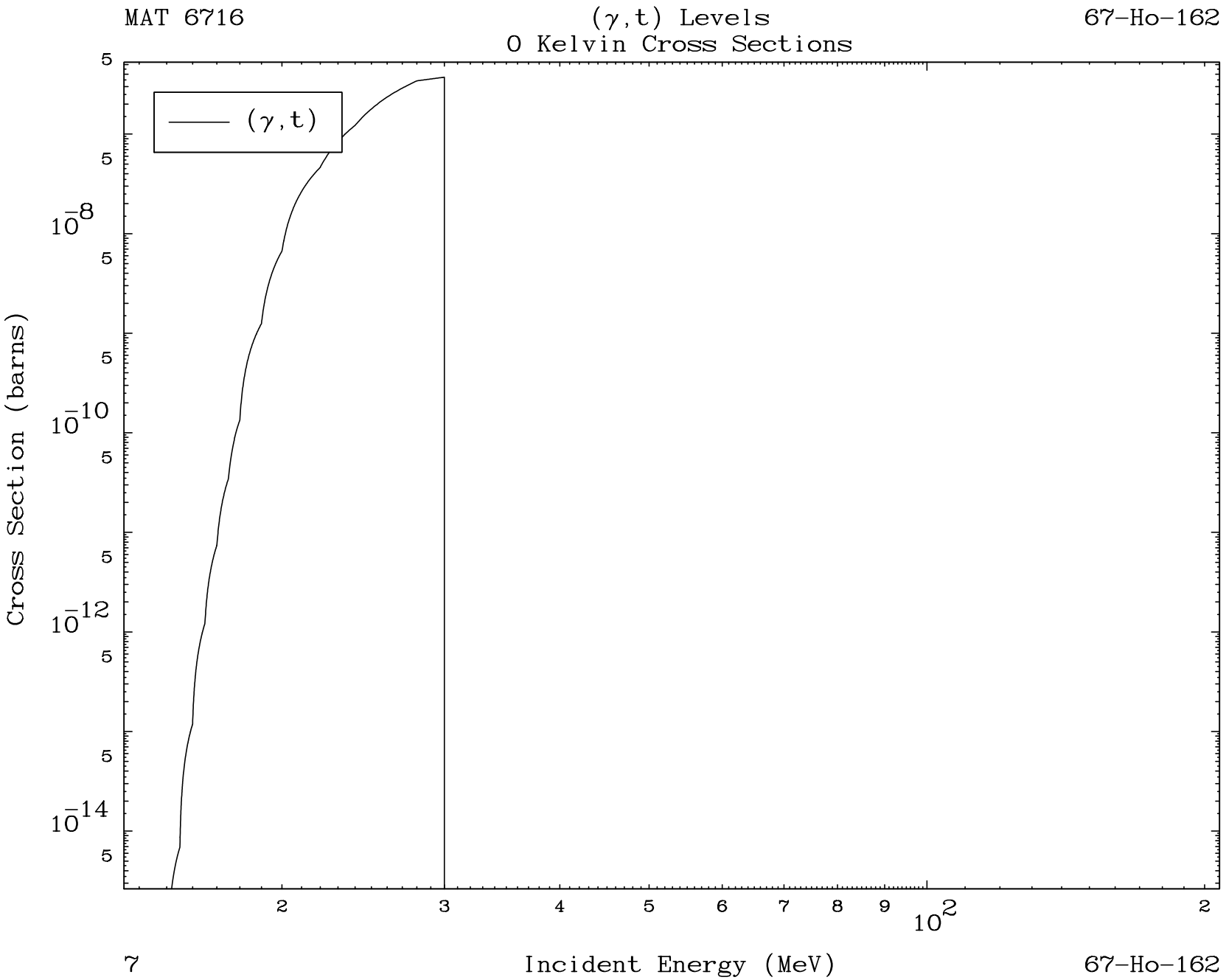

MAT 6716
Photon Neutron Production
0 Kelvin Cross Sections
67-Ho-162
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
67-Ho-162

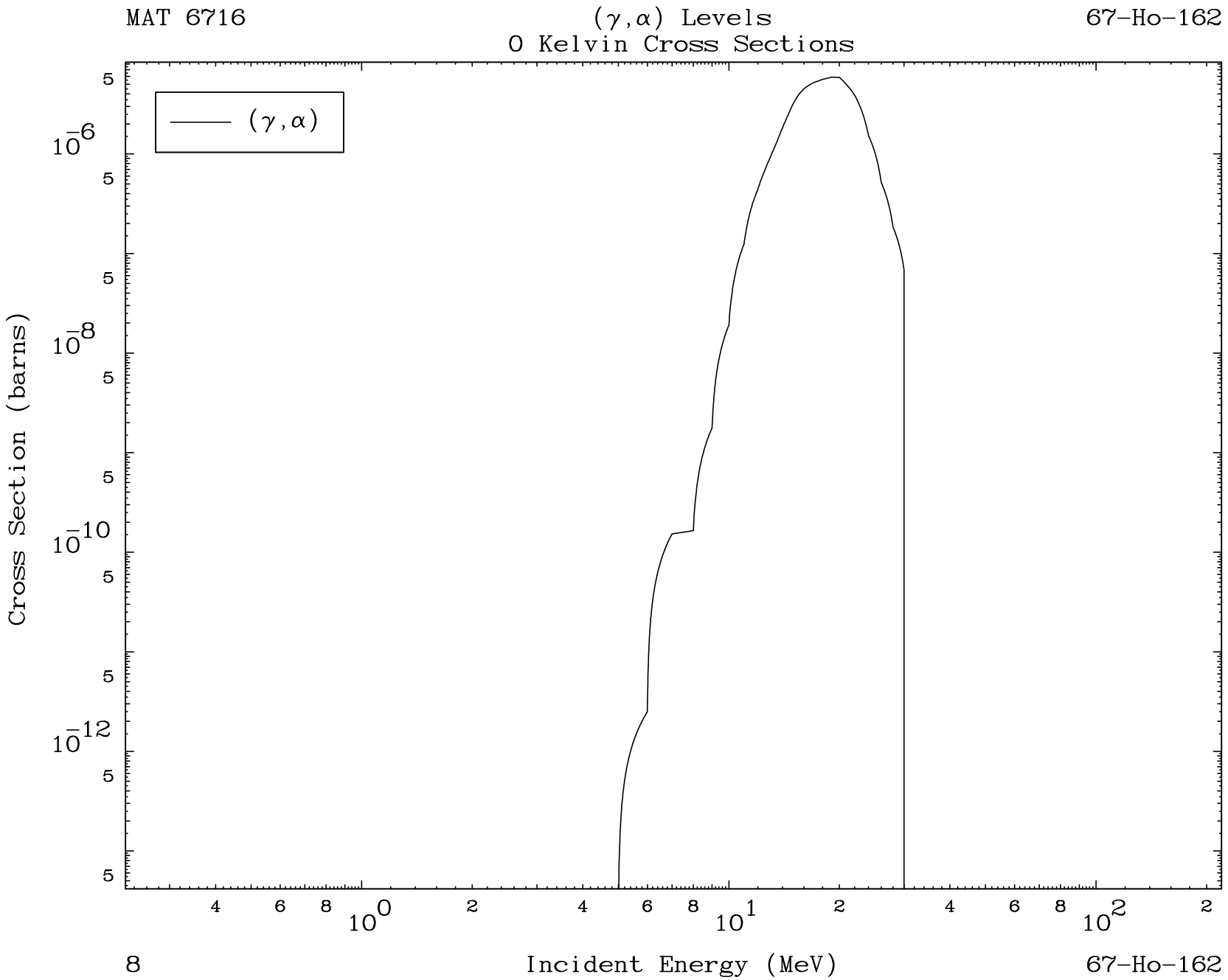

MAT 6716
Photon Charged Particle
0 Kelvin Cross Sections
67-Ho-162
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
(γ,2p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
3
67-Ho-162

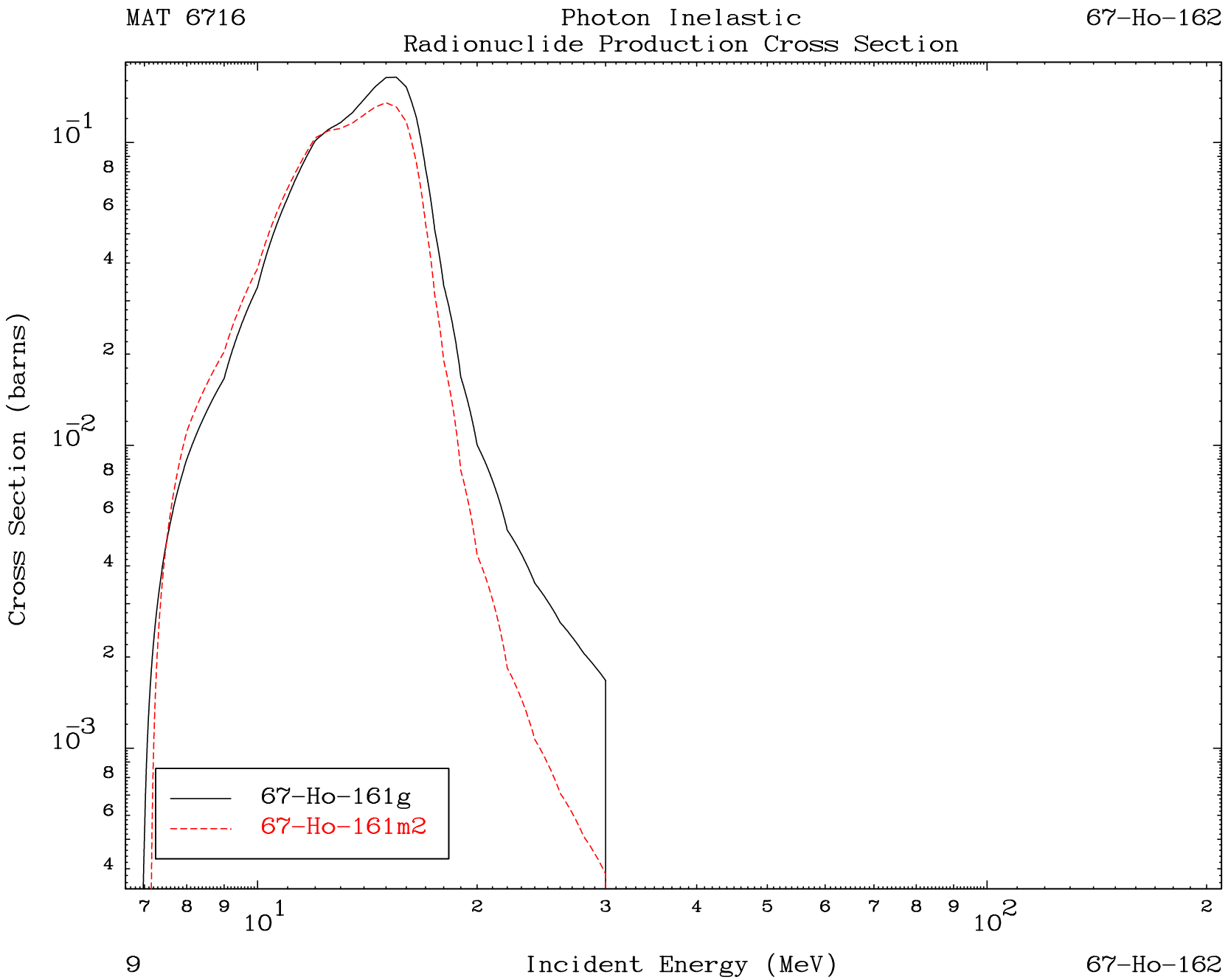

MAT 6716
(γ,n') Level
67-Ho-162
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
4
67-Ho-162

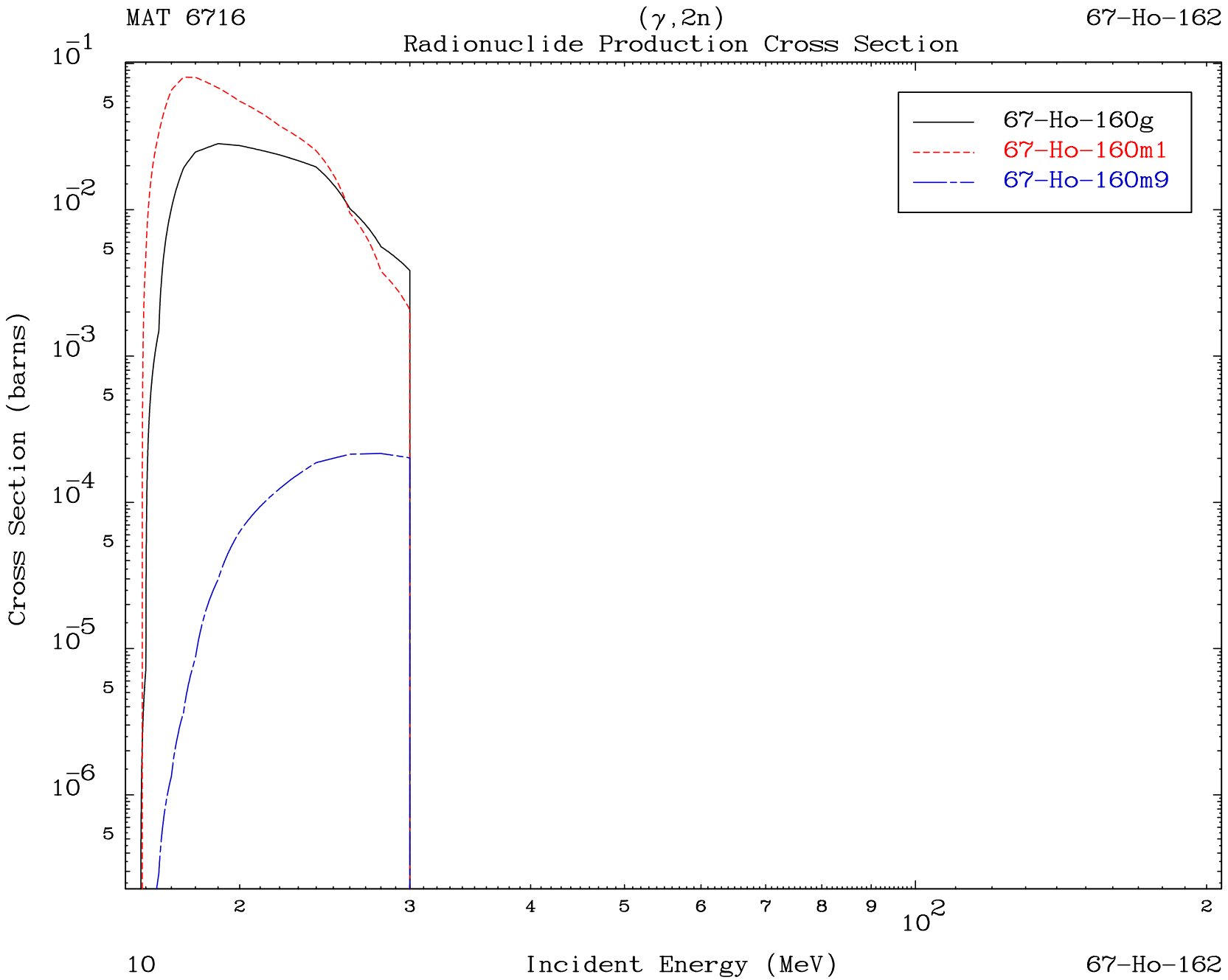

MAT 6716
(γ,p) Levels
67-Ho-162
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
67-Ho-162

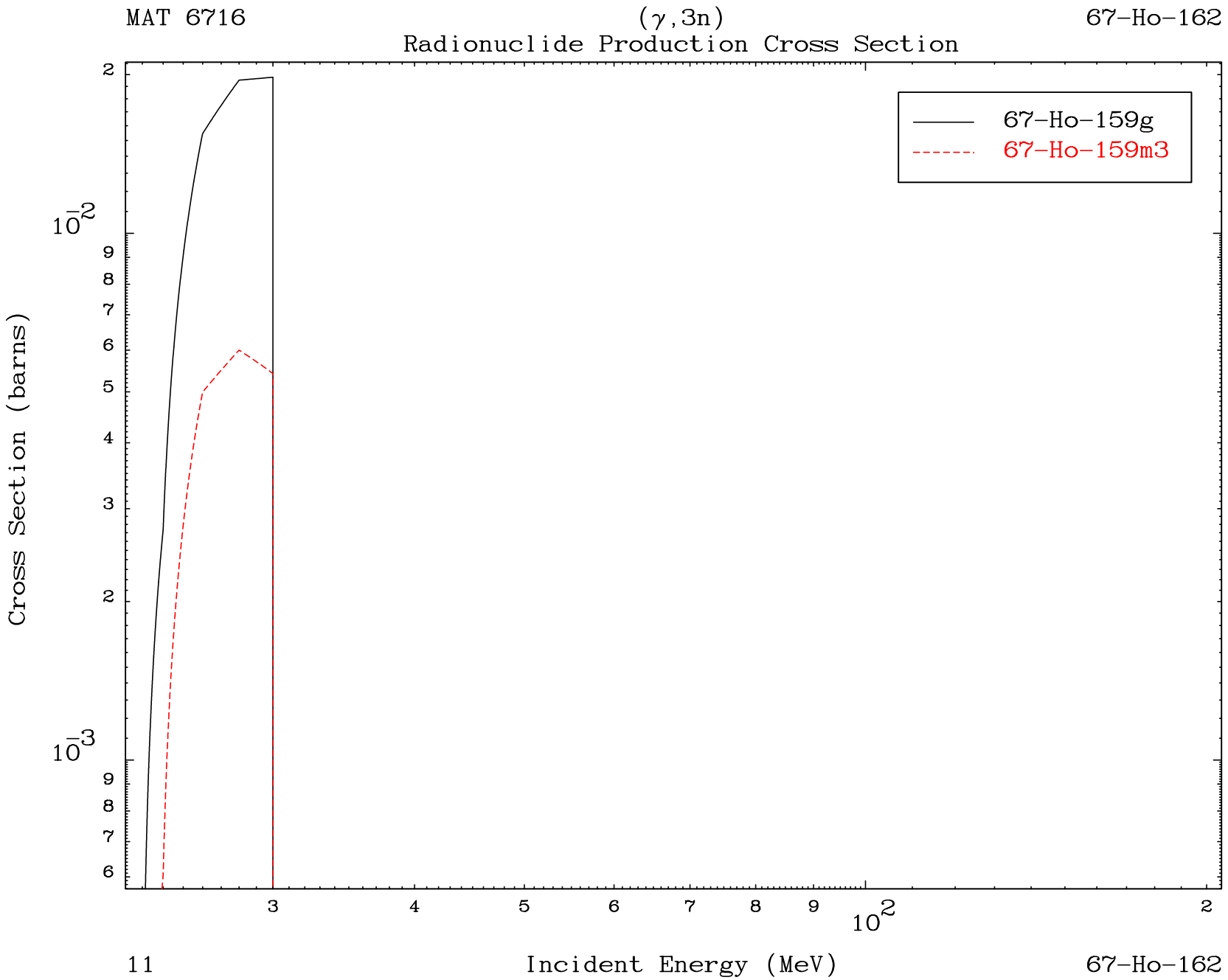

MAT 6716
(γ,d) Levels
67-Ho-162
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
67-Ho-162

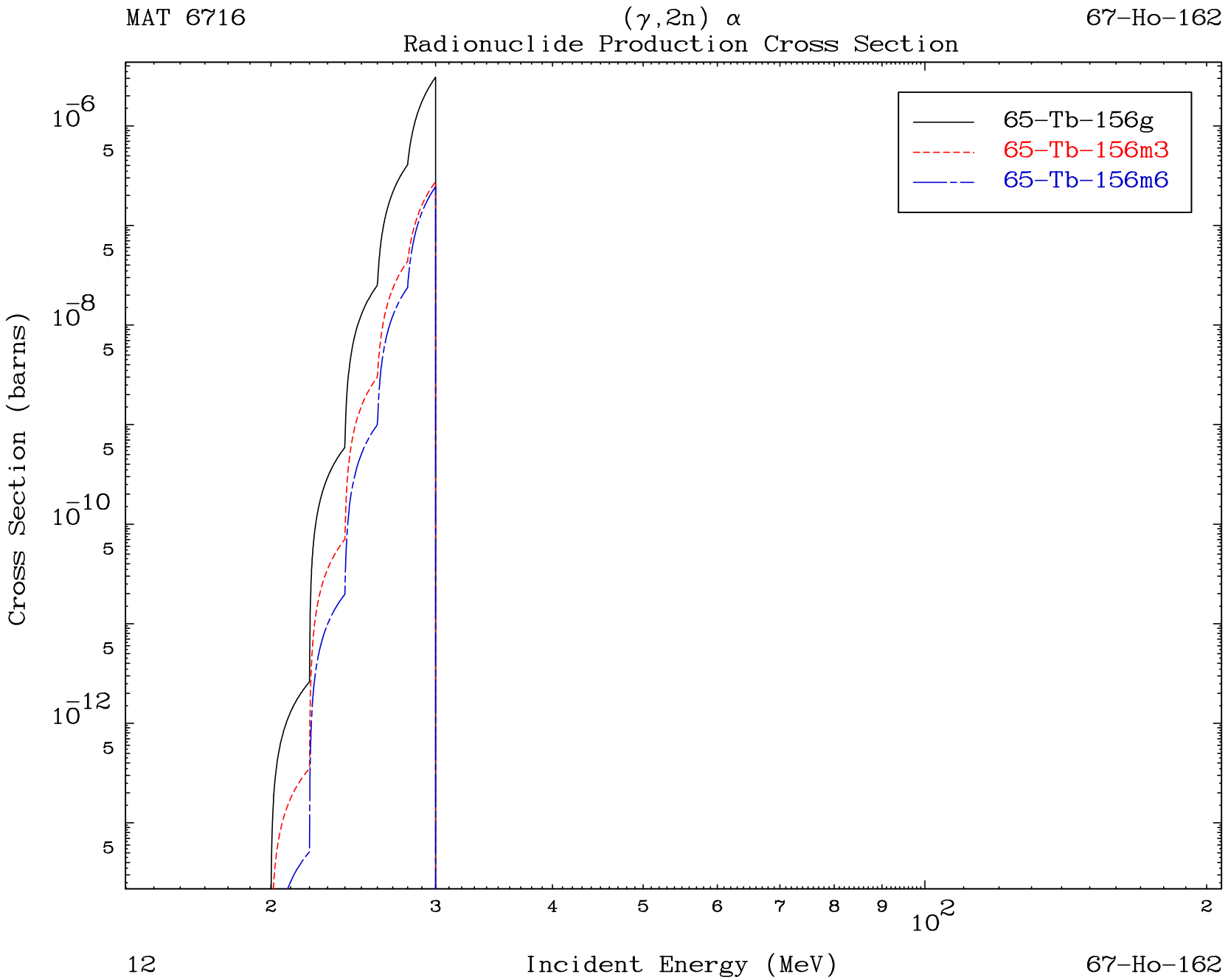

MAT 6716
(γ,t) Levels
67-Ho-162
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
5
5
10-8
5
5
10-10
5
5
10-12
5
5
10-14
5
2
3
4
5
6
7
8
9
10+2
2
7
Incident Energy (MeV)
67-Ho-162

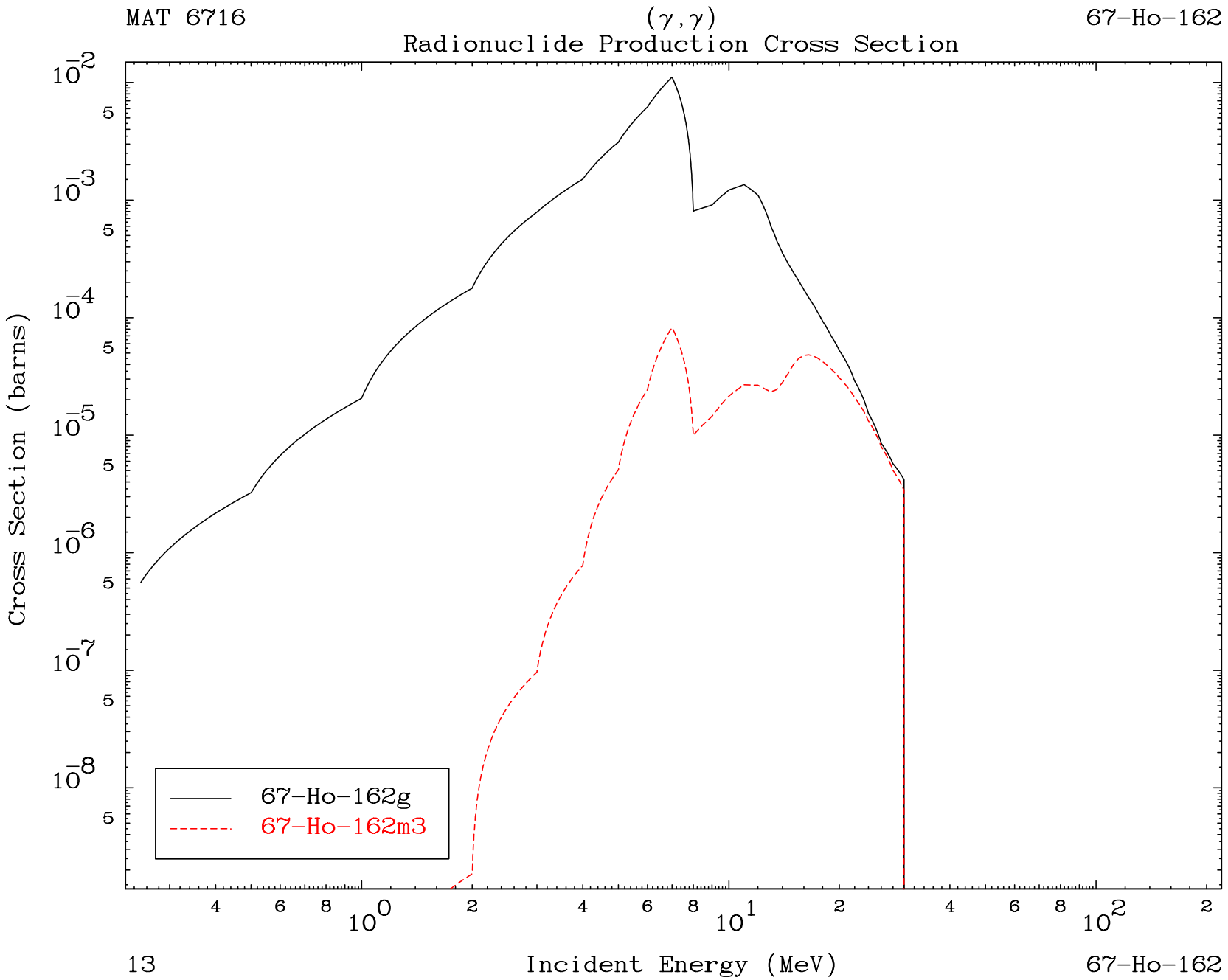

MAT 6716
(γ,α) Levels
67-Ho-162
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
100
101
102
2
4
6
8
Incident Energy (MeV)
8
67-Ho-162

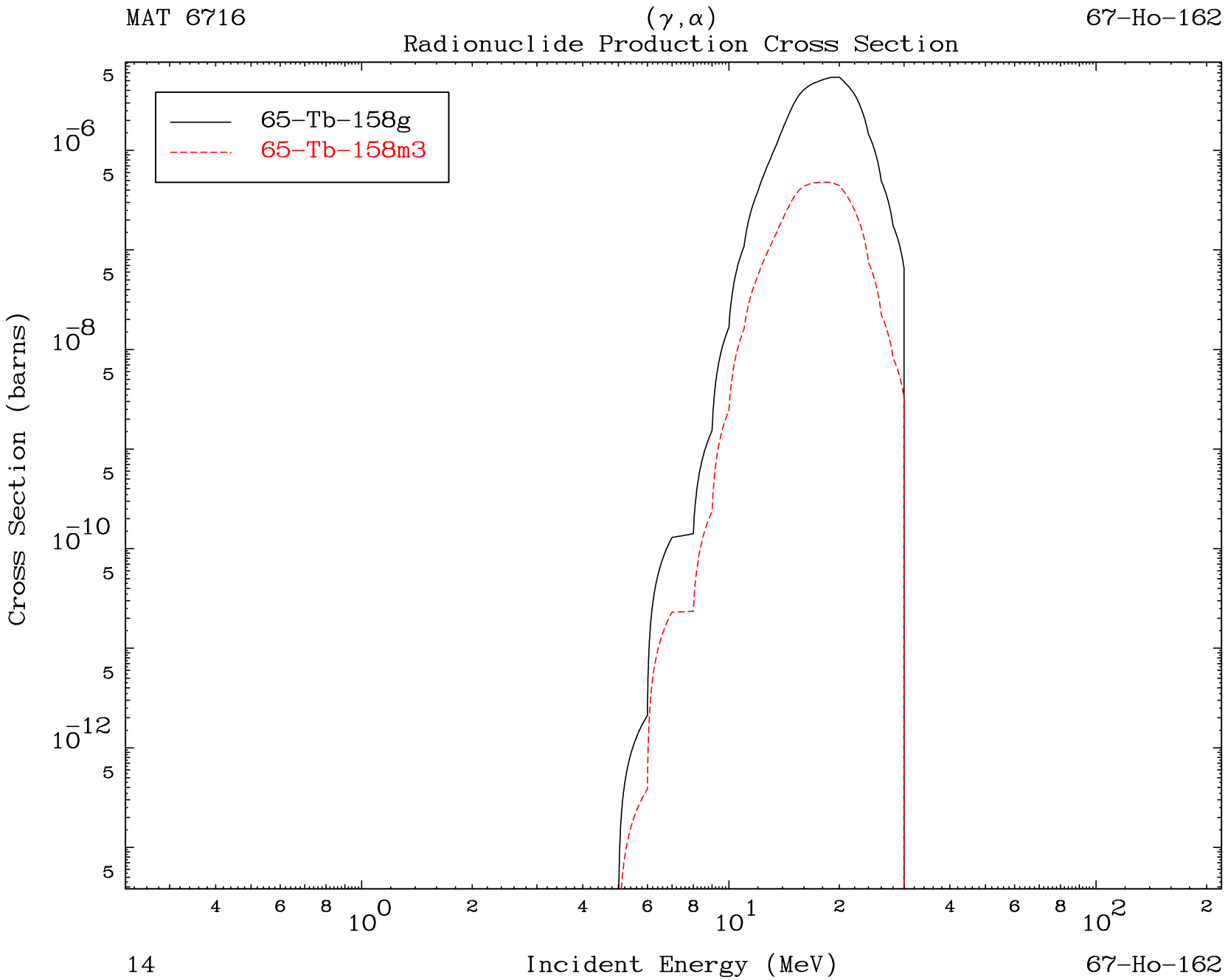

MAT 6716
Photon Inelastic
67-Ho-162
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
67-Ho-161g
67-Ho-161m2
9
67-Ho-162


MAT 6716
(γ,2n)
67-Ho-162
Radionuclide Production Cross Section
67-Ho-160g
67-Ho-160m1
67-Ho-160m9
Cross Section (barns)
10^-1
5
10^-2
5
10^-3
5
10^-4
5
10^-5
5
10^-6
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
67-Ho-162


MAT 6716
(γ,3n)
67-Ho-162
Radionuclide Production Cross Section
67-Ho-159g
67-Ho-159m3
Cross Section (barns)
10-2
10-3
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
67-Ho-162


MAT 6716
(γ,2n) α
67-Ho-162
Radionuclide Production Cross Section
65-Tb-156g
65-Tb-156m3
65-Tb-156m6
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
67-Ho-162


MAT 6716
(γ,γ)
67-Ho-162
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
10-7
10-8
5
4
6
8
100
2
101
102
67-Ho-162g
67-Ho-162m3
13
Incident Energy (MeV)
67-Ho-162


MAT 6716
(γ,α)
67-Ho-162
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-162