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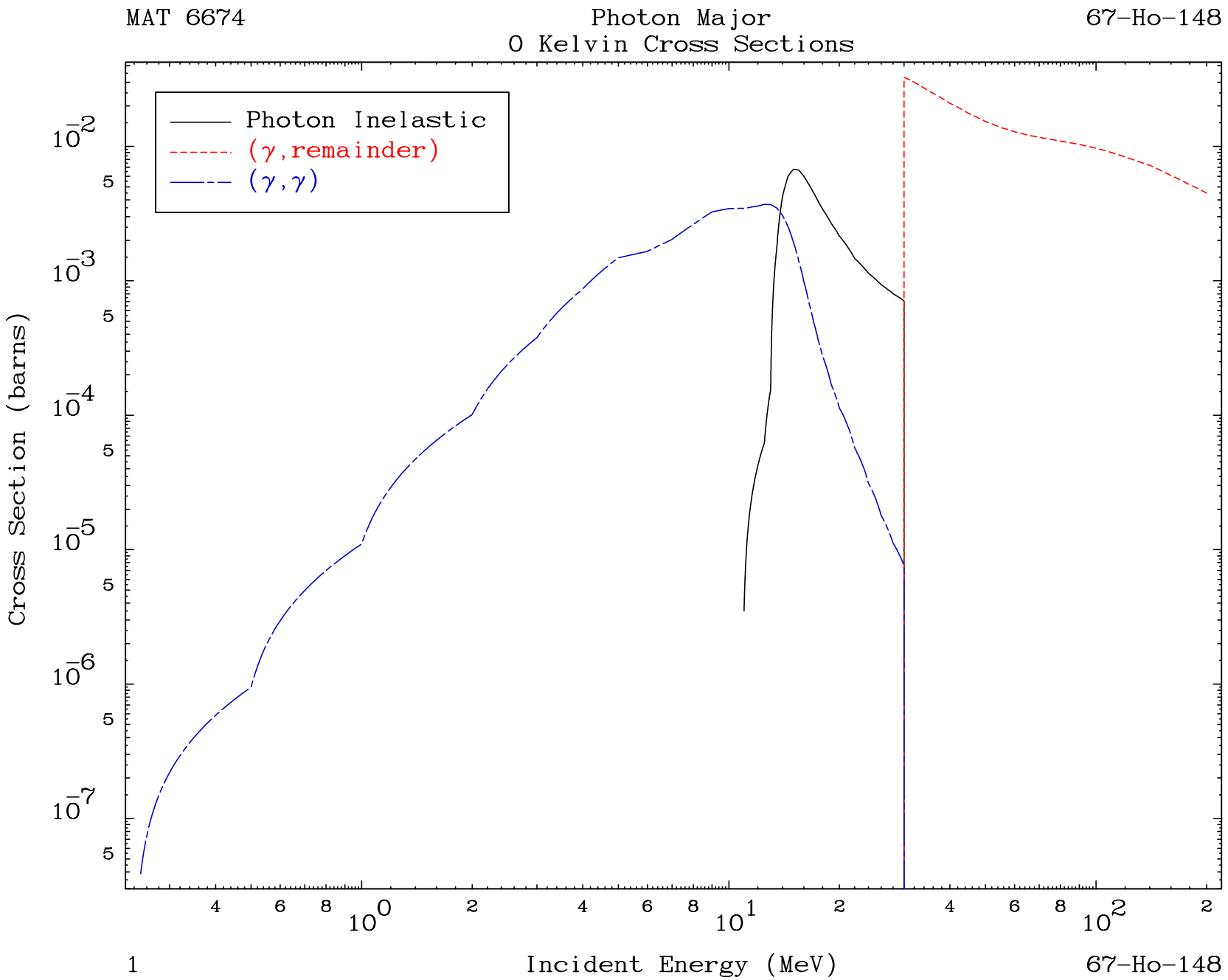
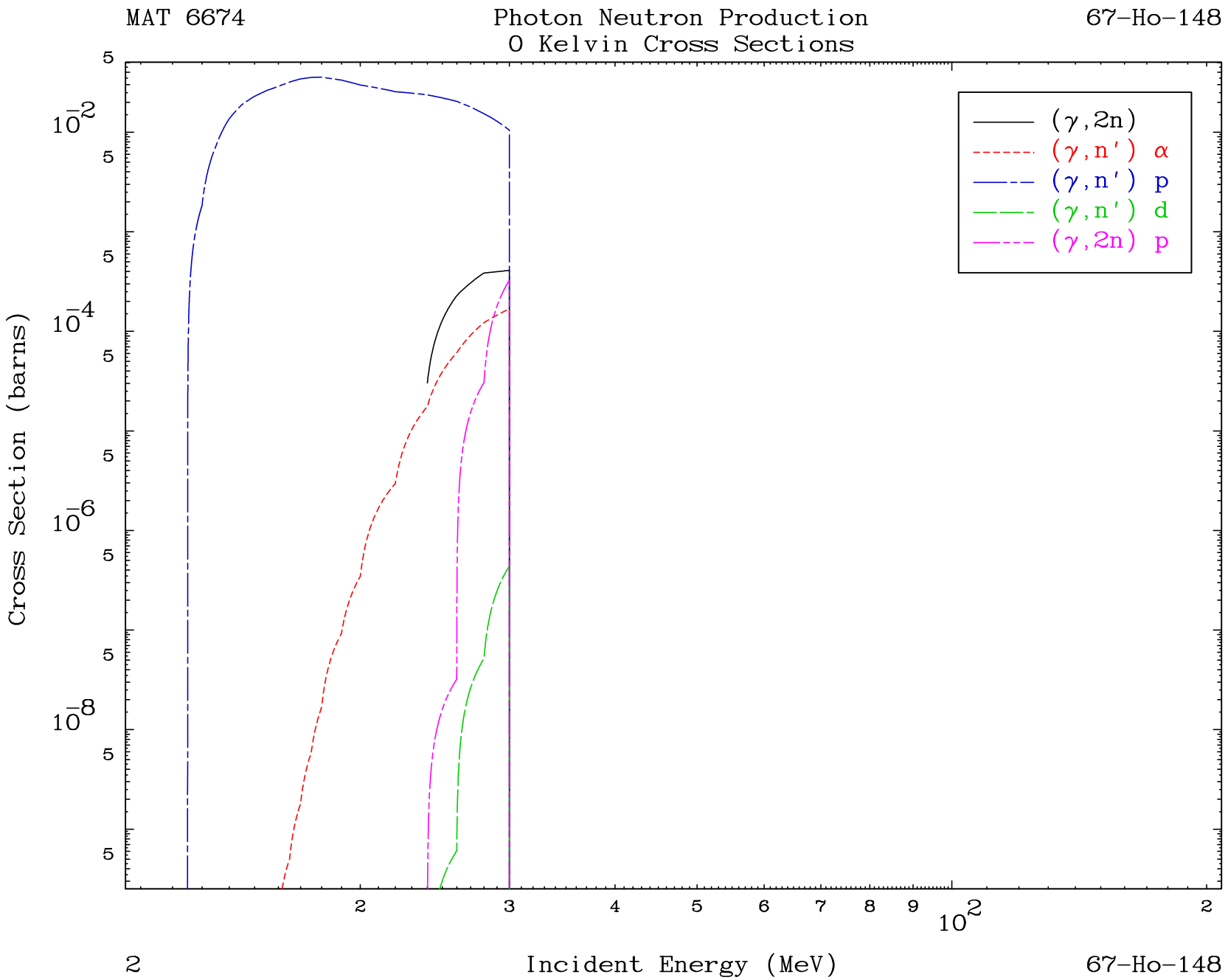
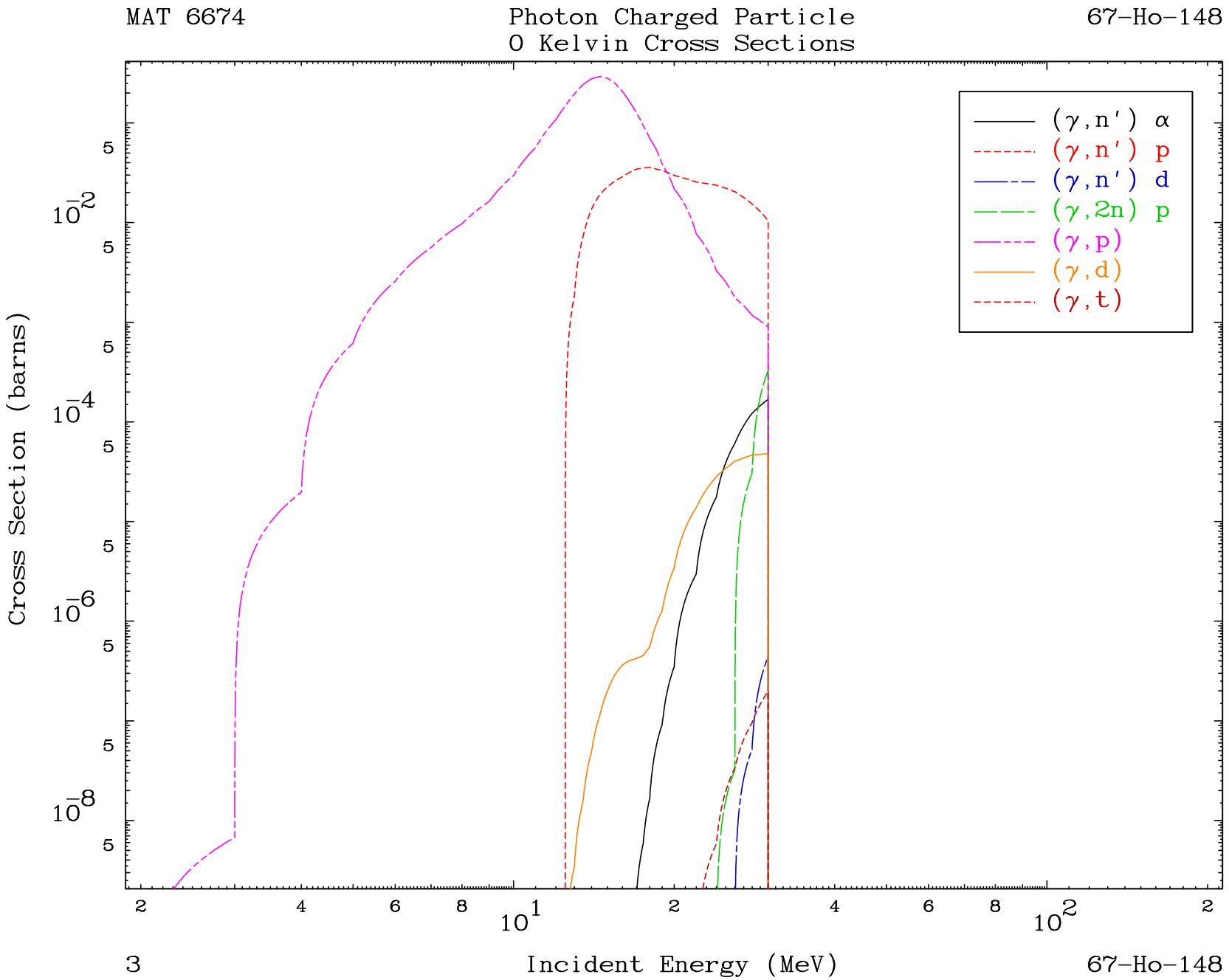
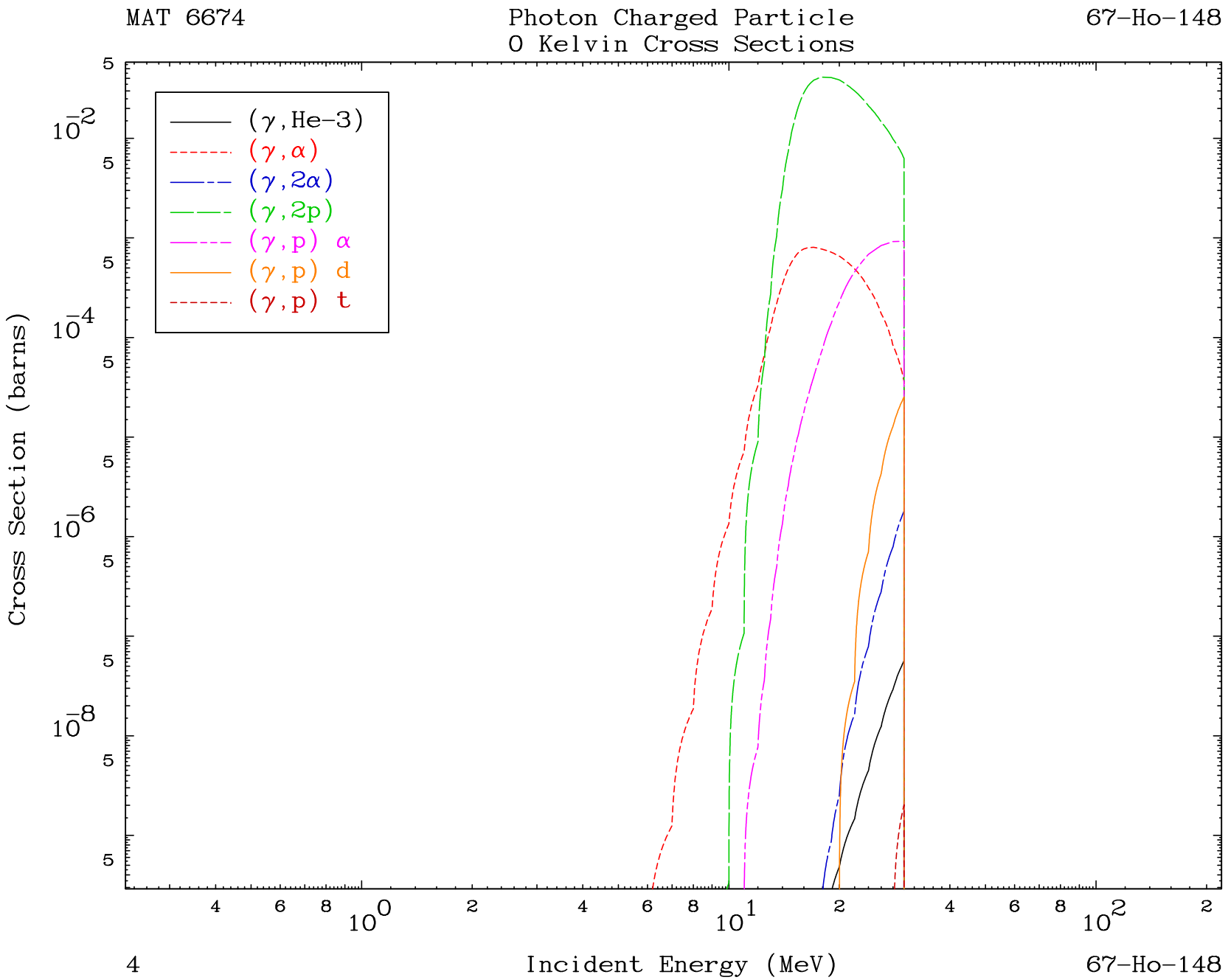
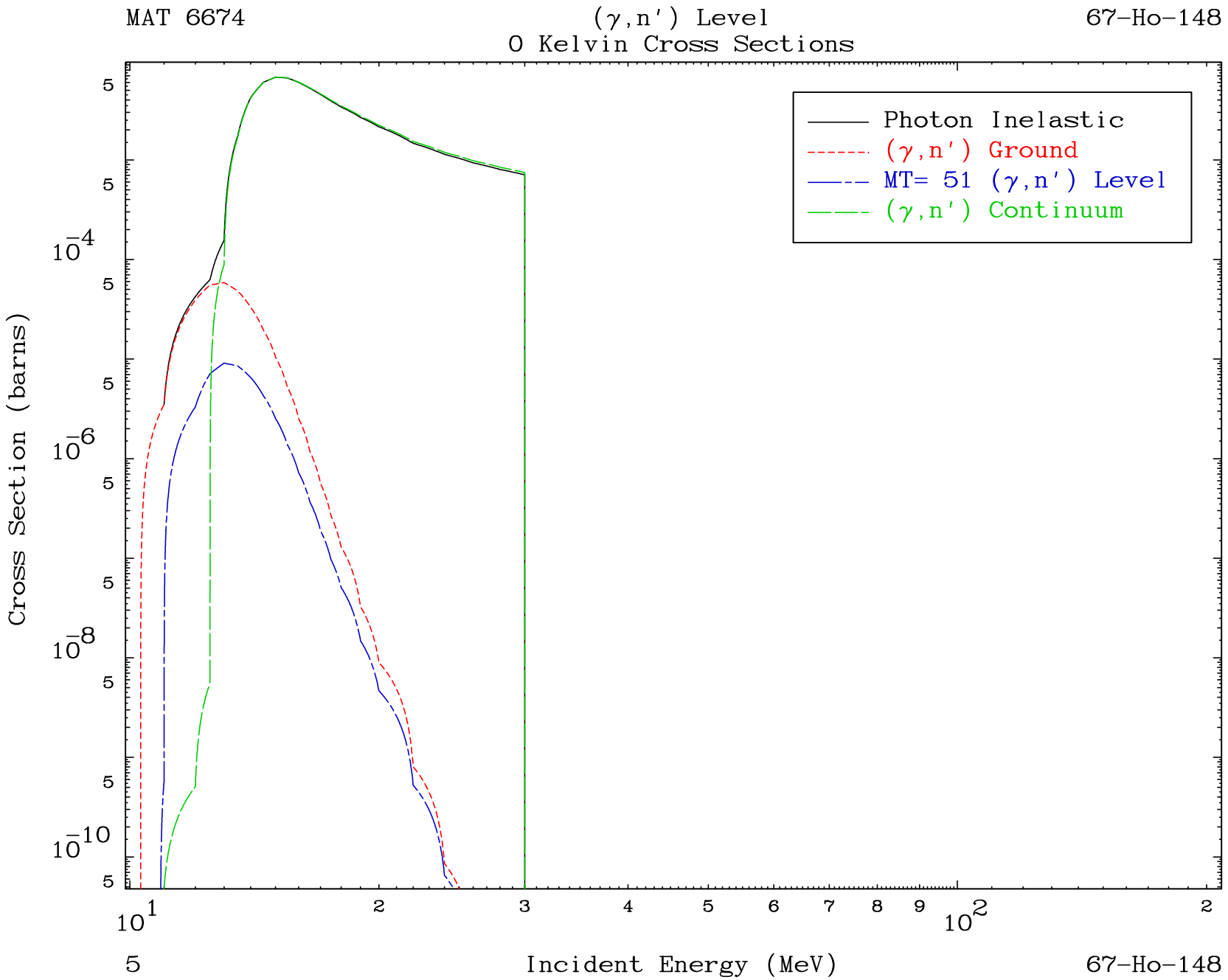
Press Mouse Button to Start

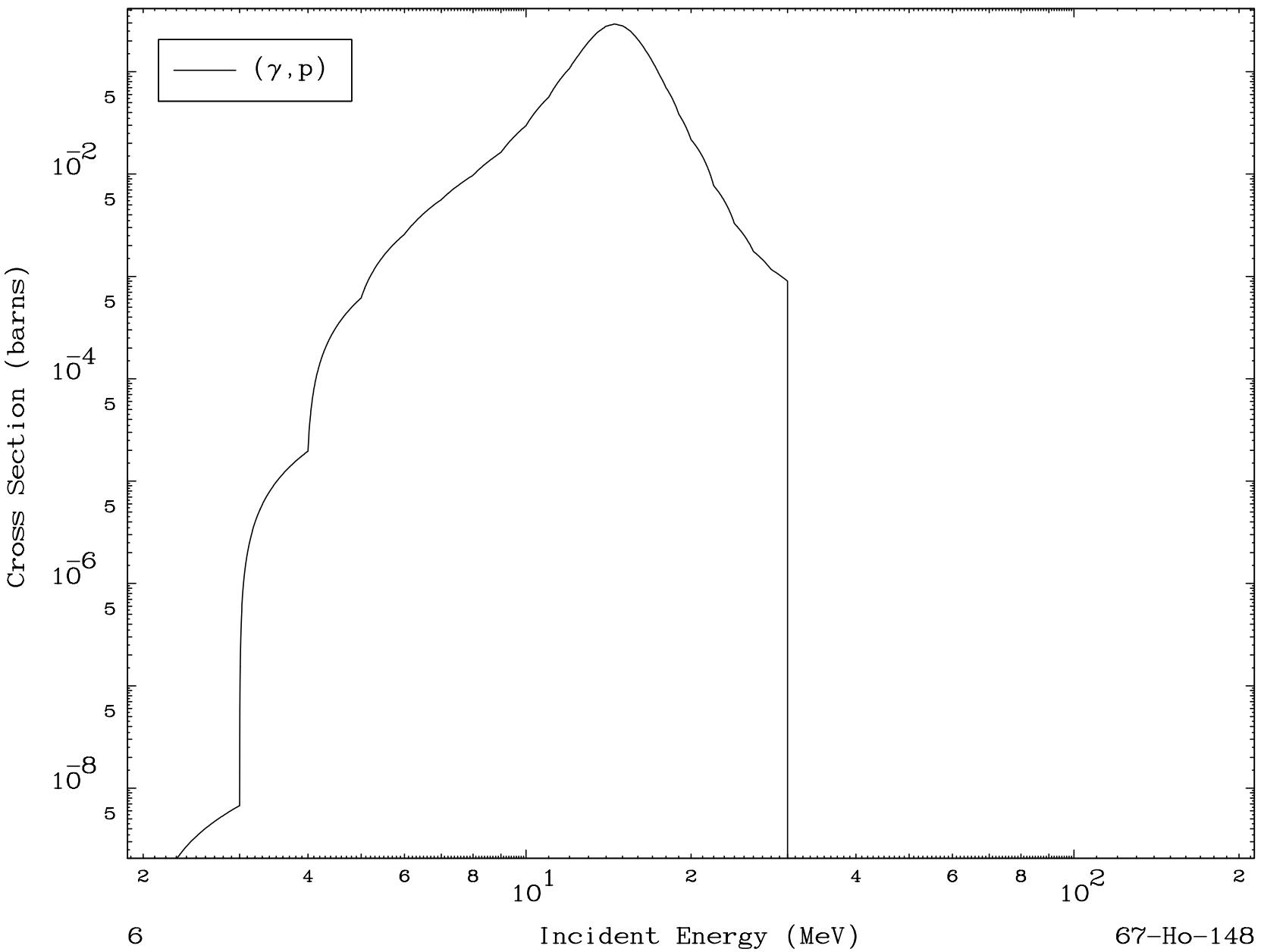

MAT 6674
Photon Major
67-Ho-148
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-148

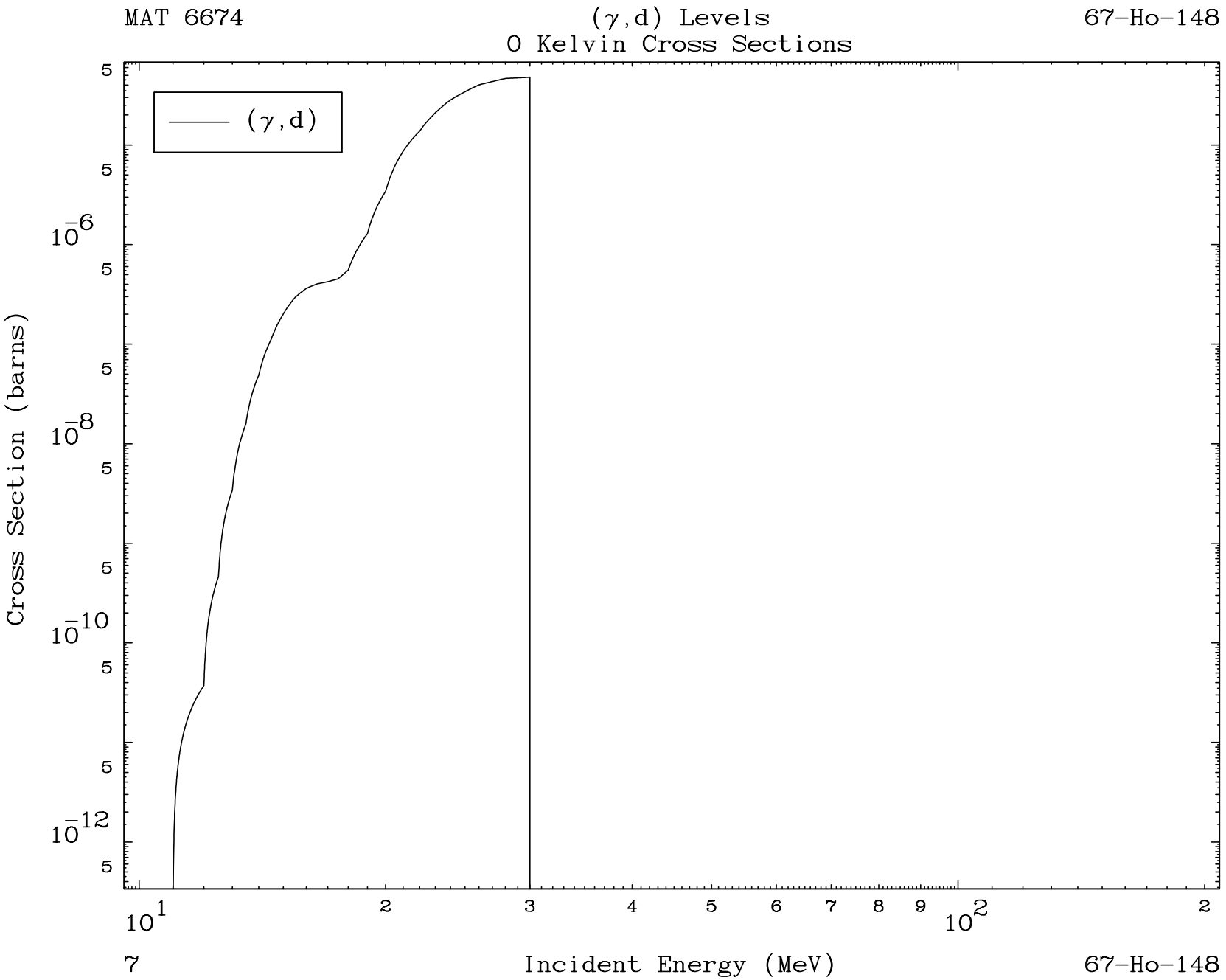

MAT 6674
Photon Neutron Production
0 Kelvin Cross Sections
67-Ho-148
(γ,2n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
67-Ho-148

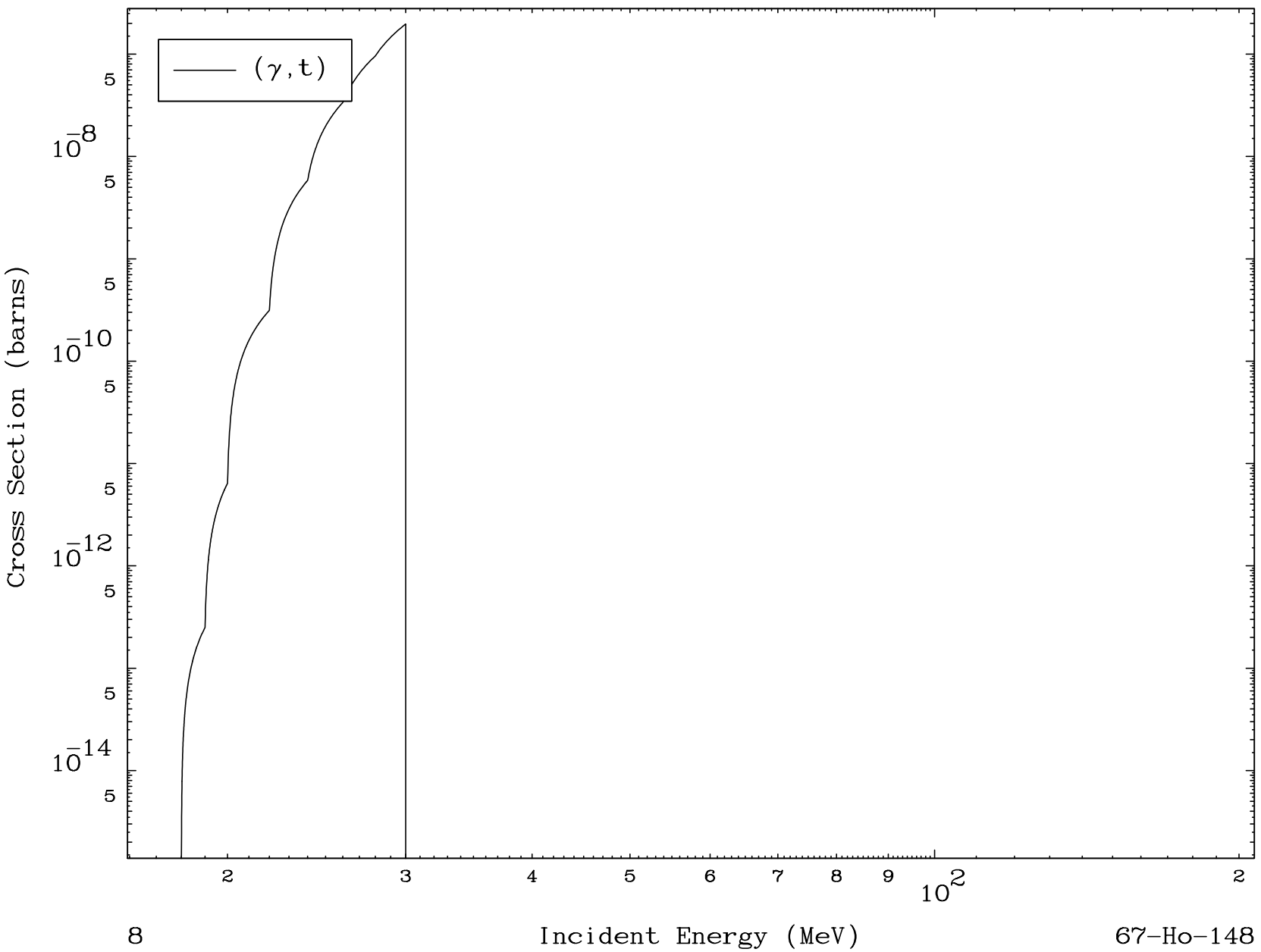

MAT 6674
Photon Charged Particle
0 Kelvin Cross Sections
67-Ho-148
(γ,n') α
(γ,n') p
(γ,n') d
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
10 1
2
4
6
8
10 2
2
3
Incident Energy (MeV)
67-Ho-148

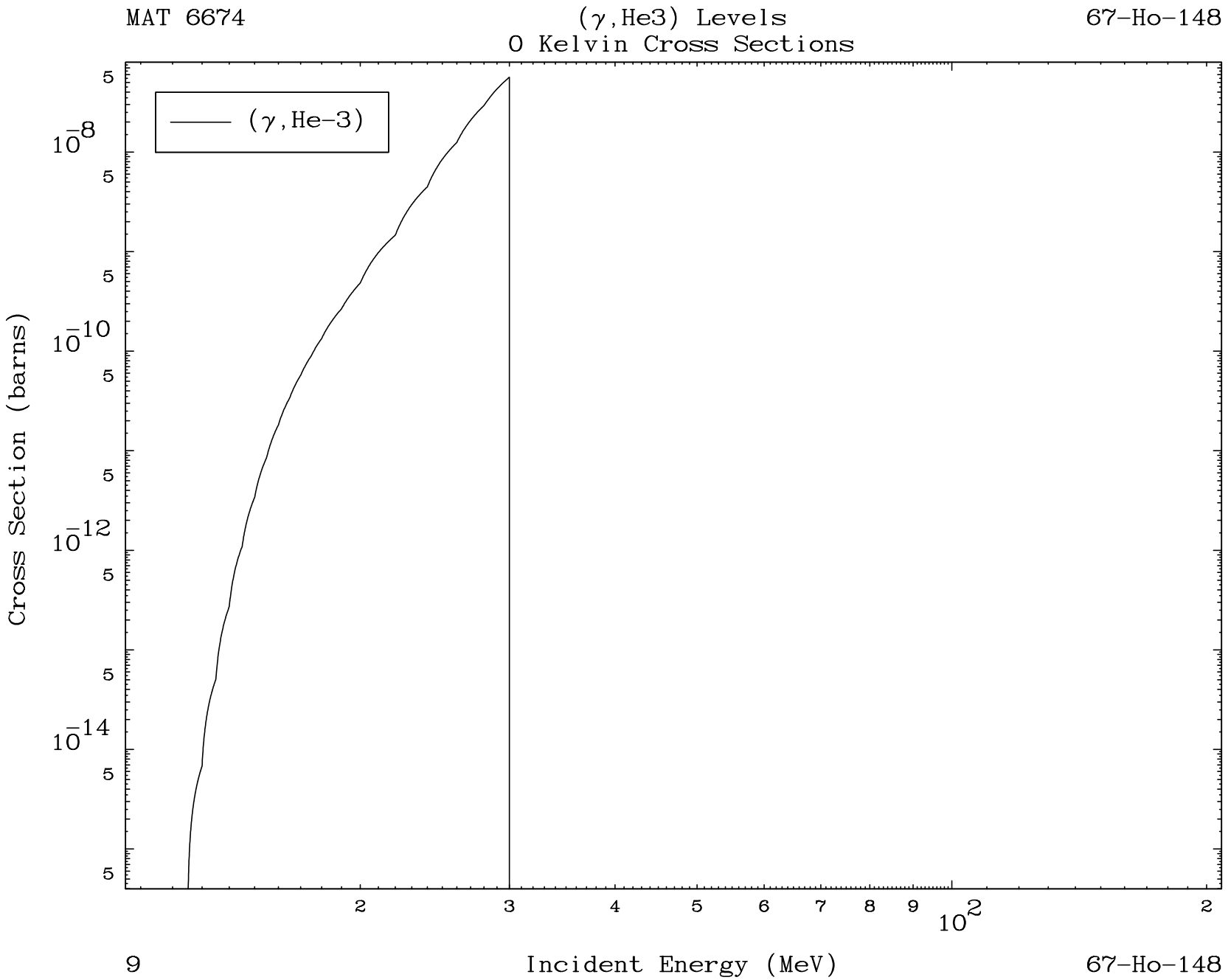

MAT 6674
Photon Charged Particle
0 Kelvin Cross Sections
67-Ho-148
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
(γ,p) t
Cross Section (barns)
Incident Energy (MeV)
4
67-Ho-148

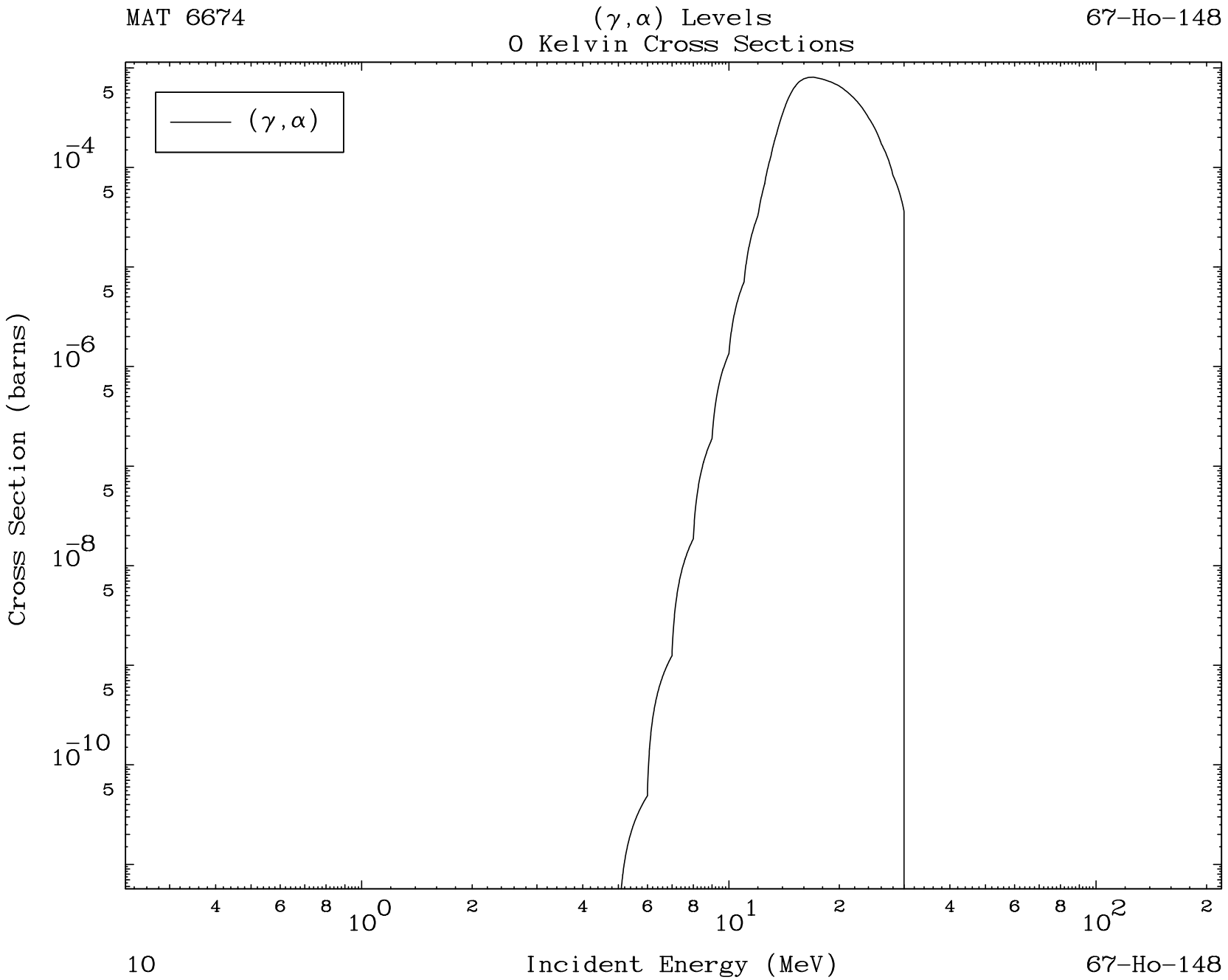

MAT 6674
(γ,n') Level
67-Ho-148
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
67-Ho-148

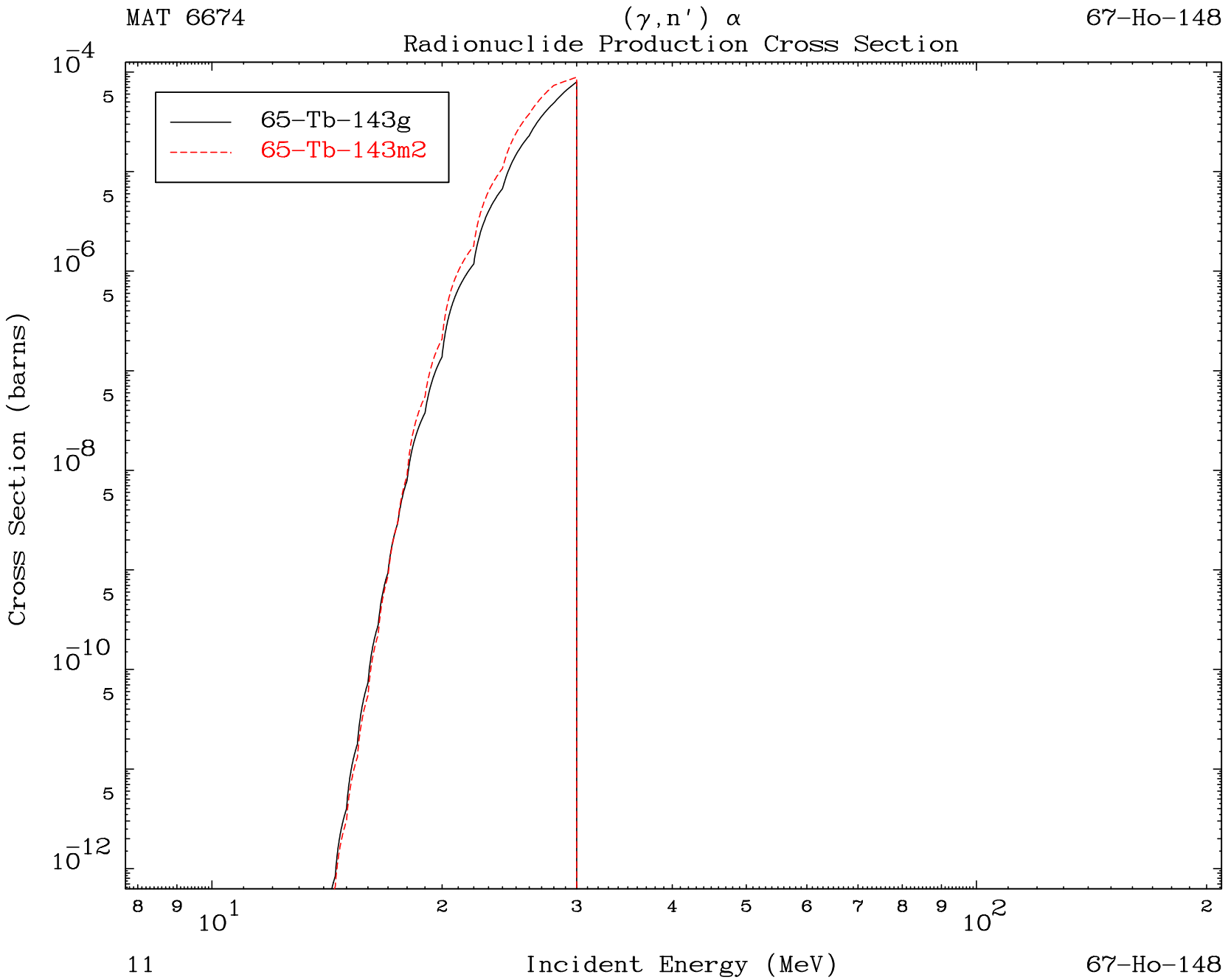

0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10^1
10^2
Incident Energy (MeV)

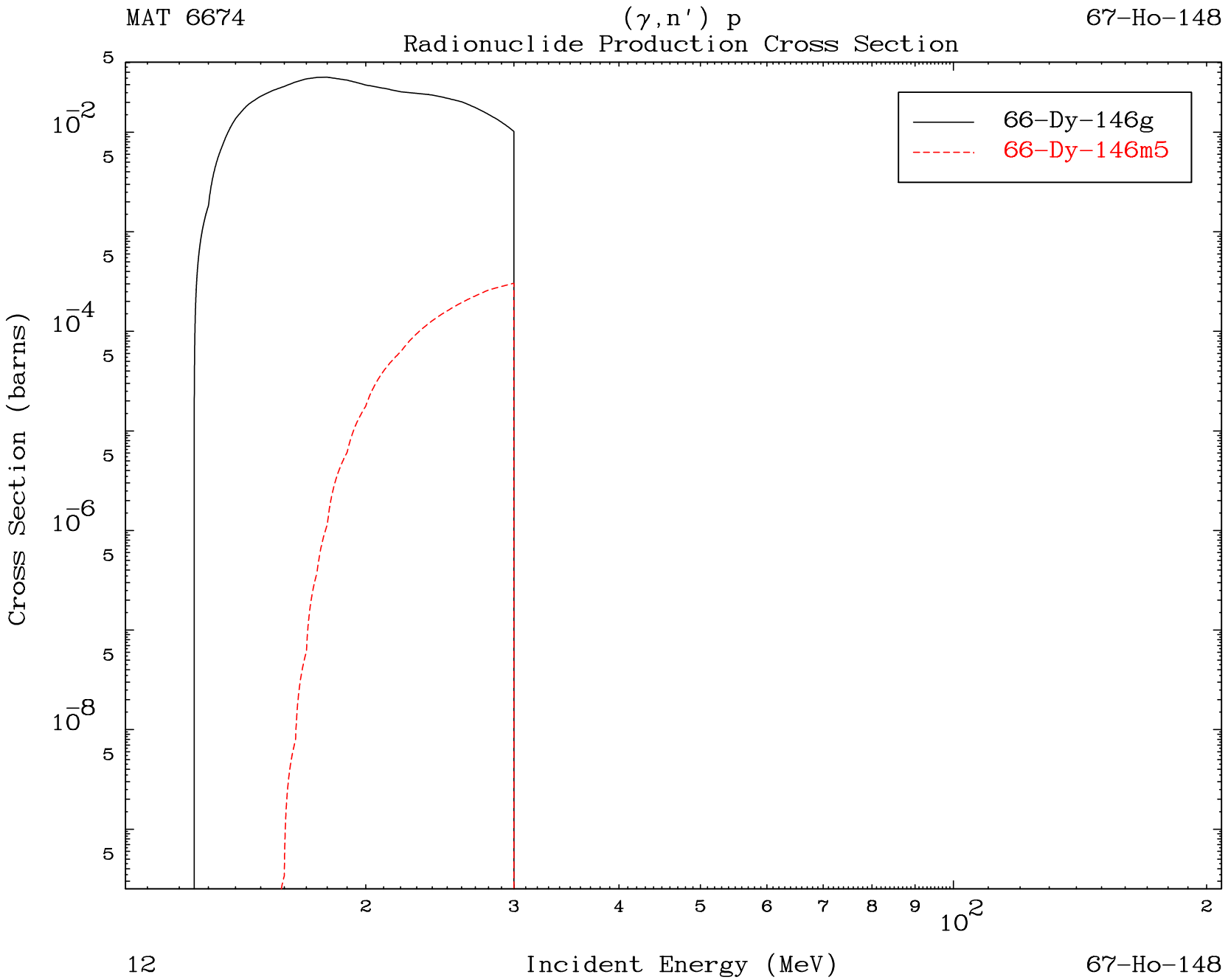

MAT 6674
(γ,d) Levels
67-Ho-148
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-148
7

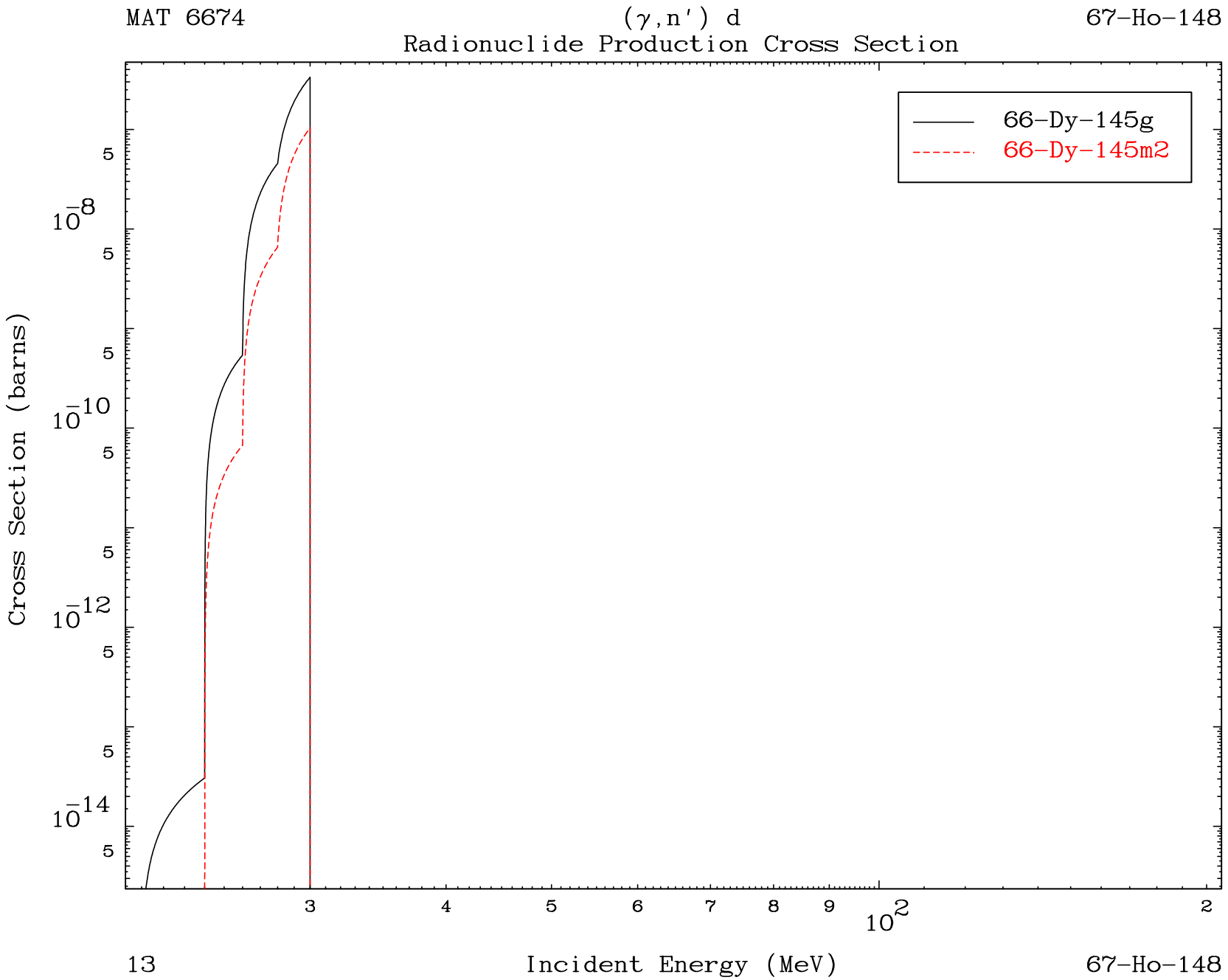

0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

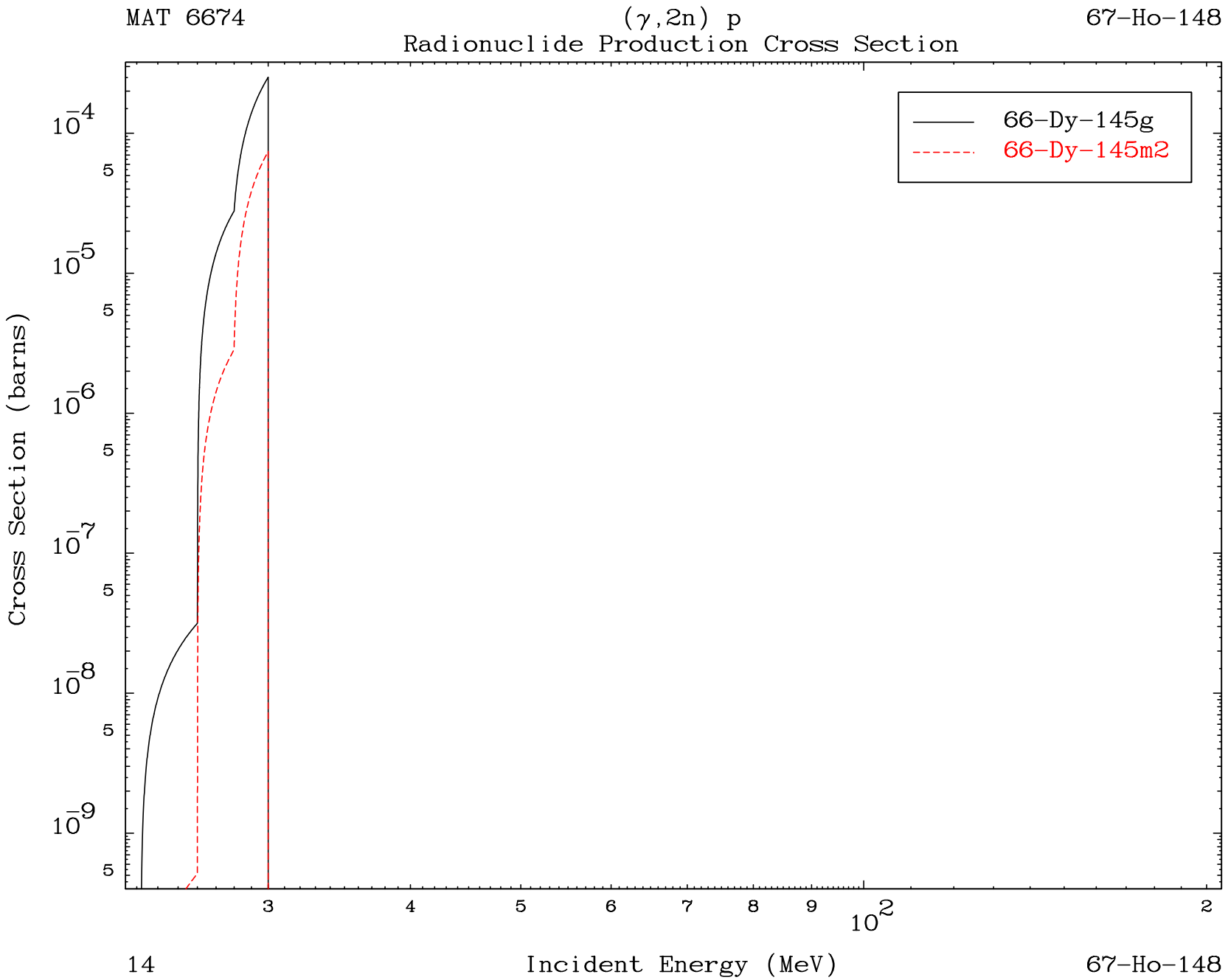

MAT 6674
(γ,He3) Levels
67-Ho-148
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
67-Ho-148

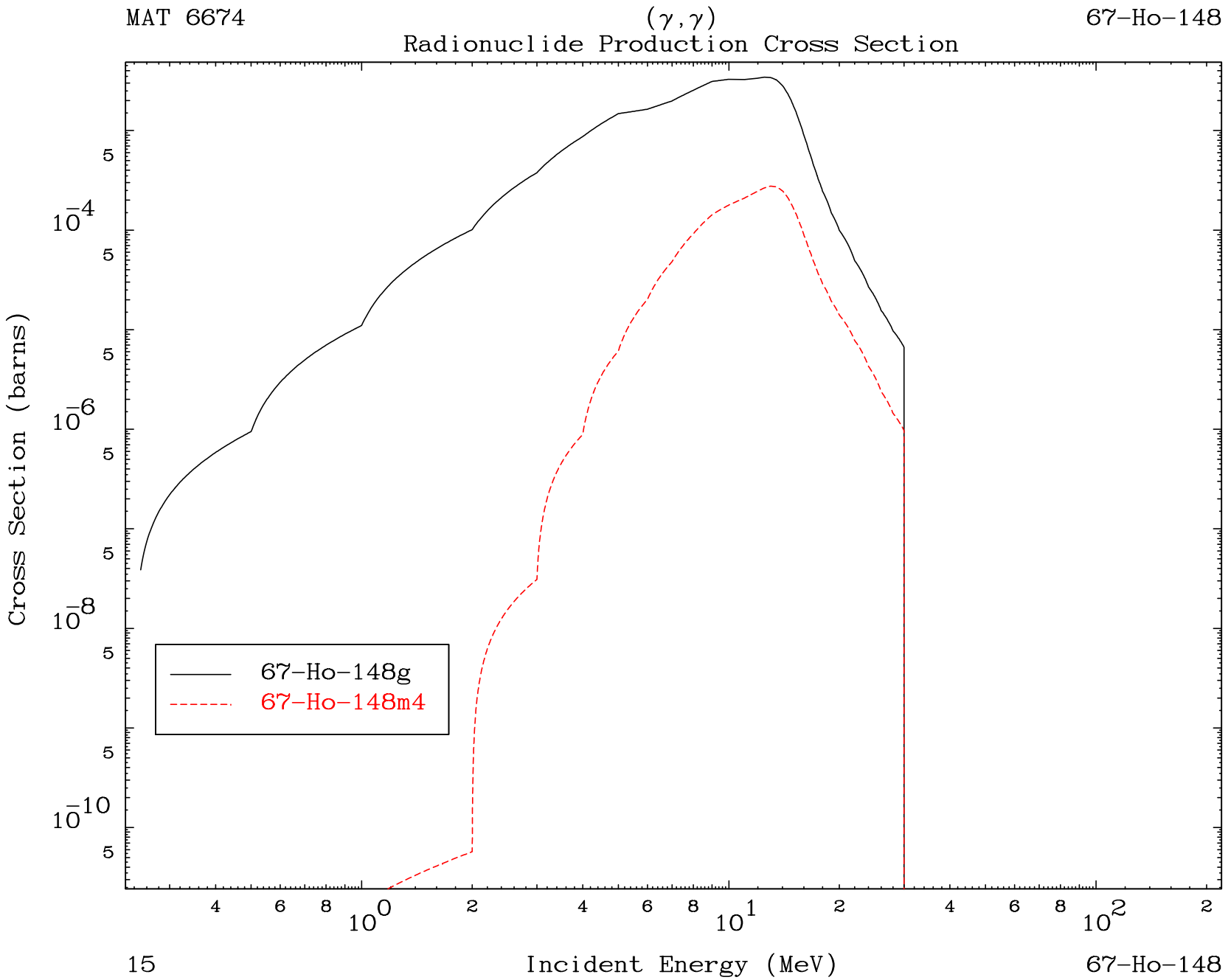

MAT 6674
(γ,α) Levels
67-Ho-148
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
67-Ho-148

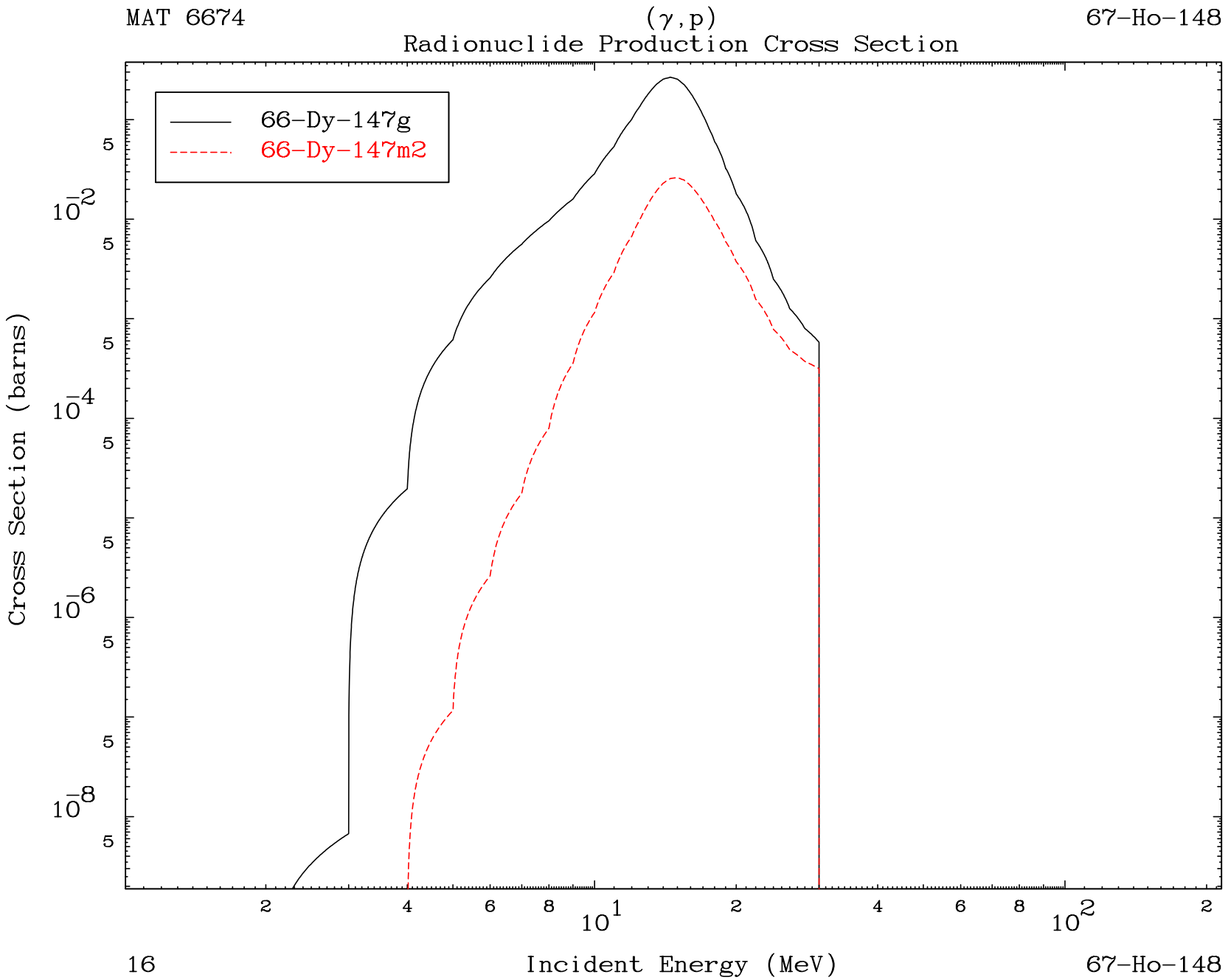

MAT 6674
(γ,n') α
67-Ho-148
Radionuclide Production Cross Section
65-Tb-143g
65-Tb-143m2
Cross Section (barns)
Incident Energy (MeV)
11
67-Ho-148

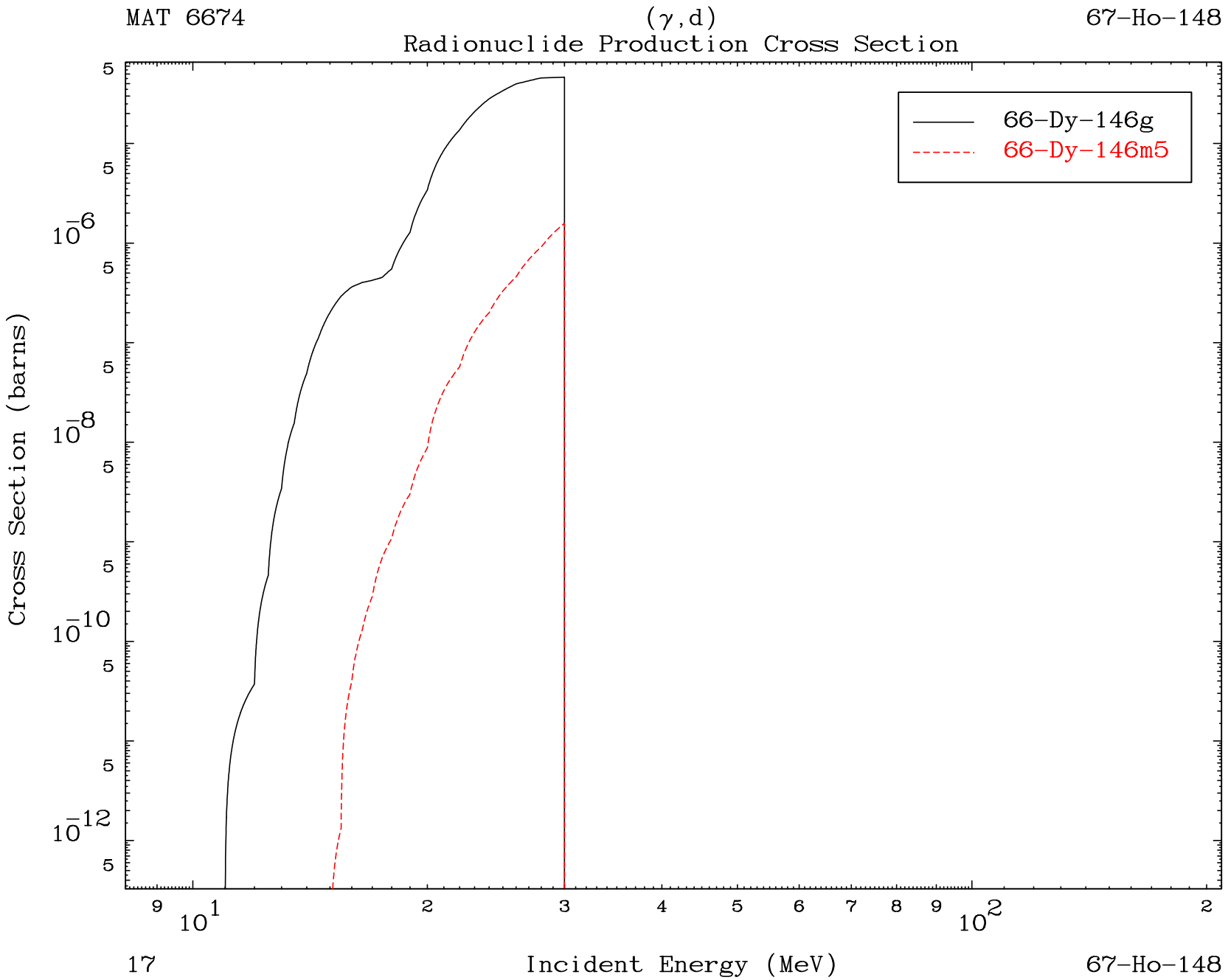

MAT 6674
(γ,n') p
67-Ho-148
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m5
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
67-Ho-148

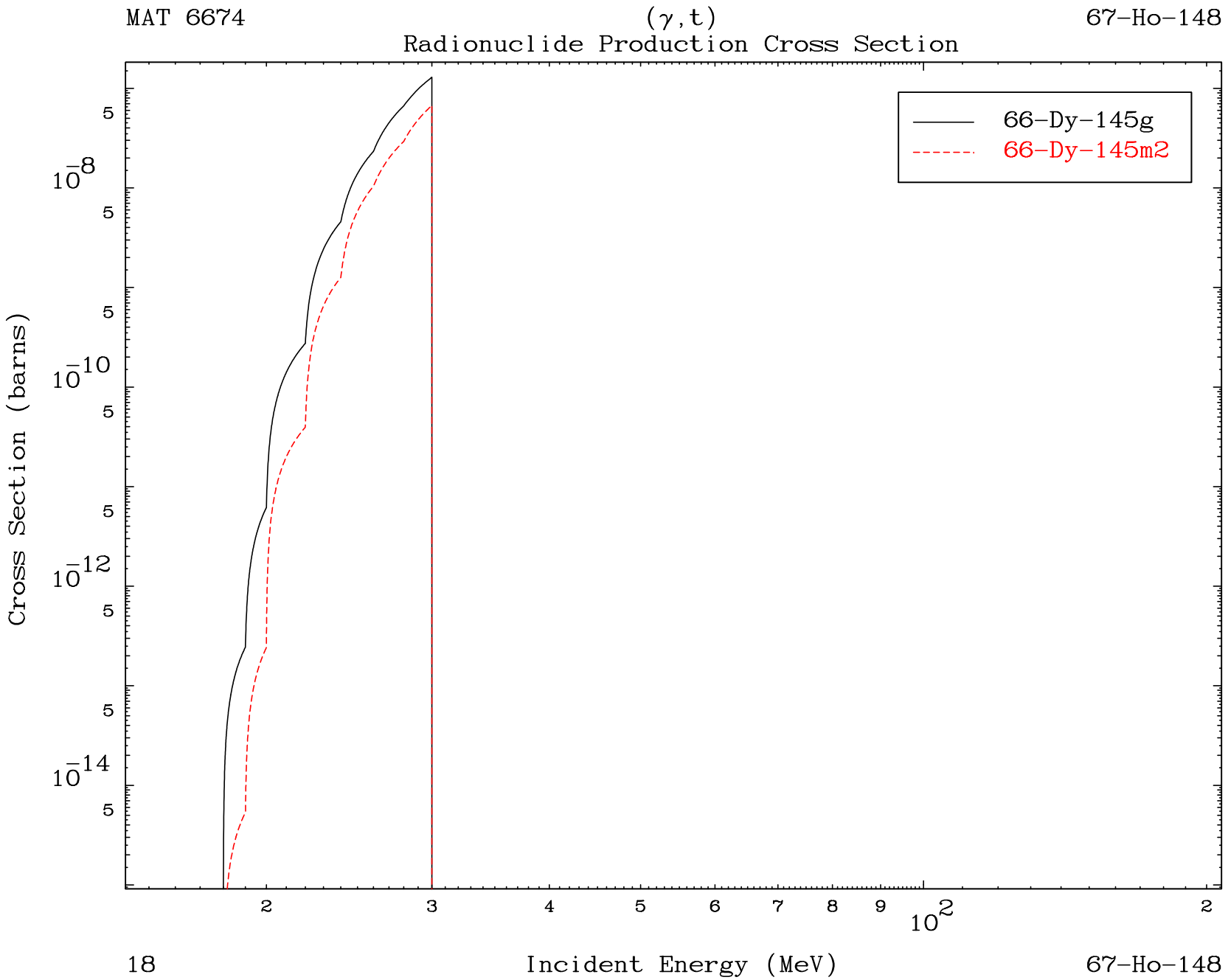

MAT 6674
(γ,n') d
67-Ho-148
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
67-Ho-148

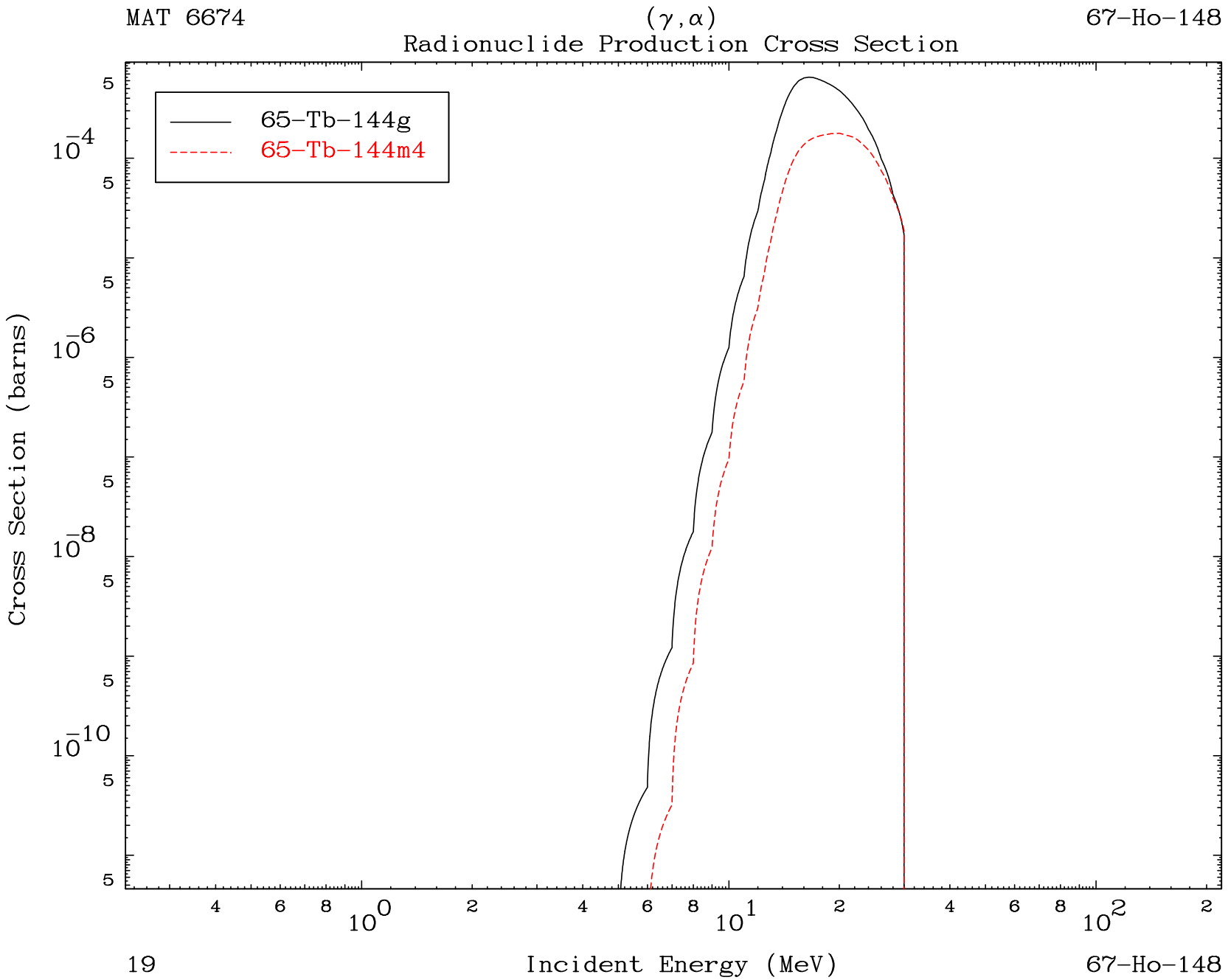

MAT 6674
(γ,2n) p
67-Ho-148
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
10-4
5
10-5
5
10-6
5
10-7
5
10-8
5
10-9
5
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
67-Ho-148

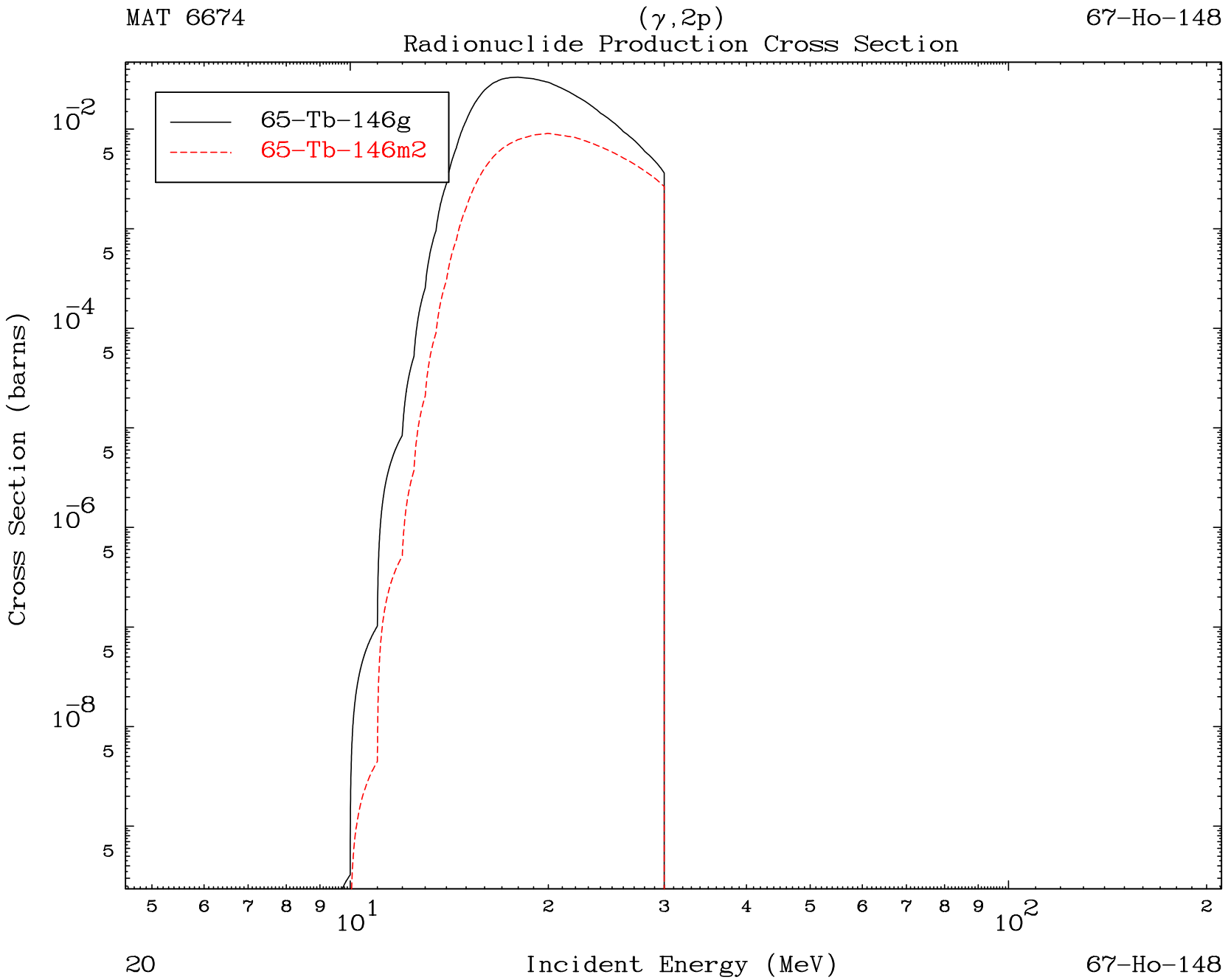

MAT 6674
(γ,γ)
67-Ho-148
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-6
10-8
10-10
67-Ho-148g
67-Ho-148m4
100
101
102
Incident Energy (MeV)
15
67-Ho-148

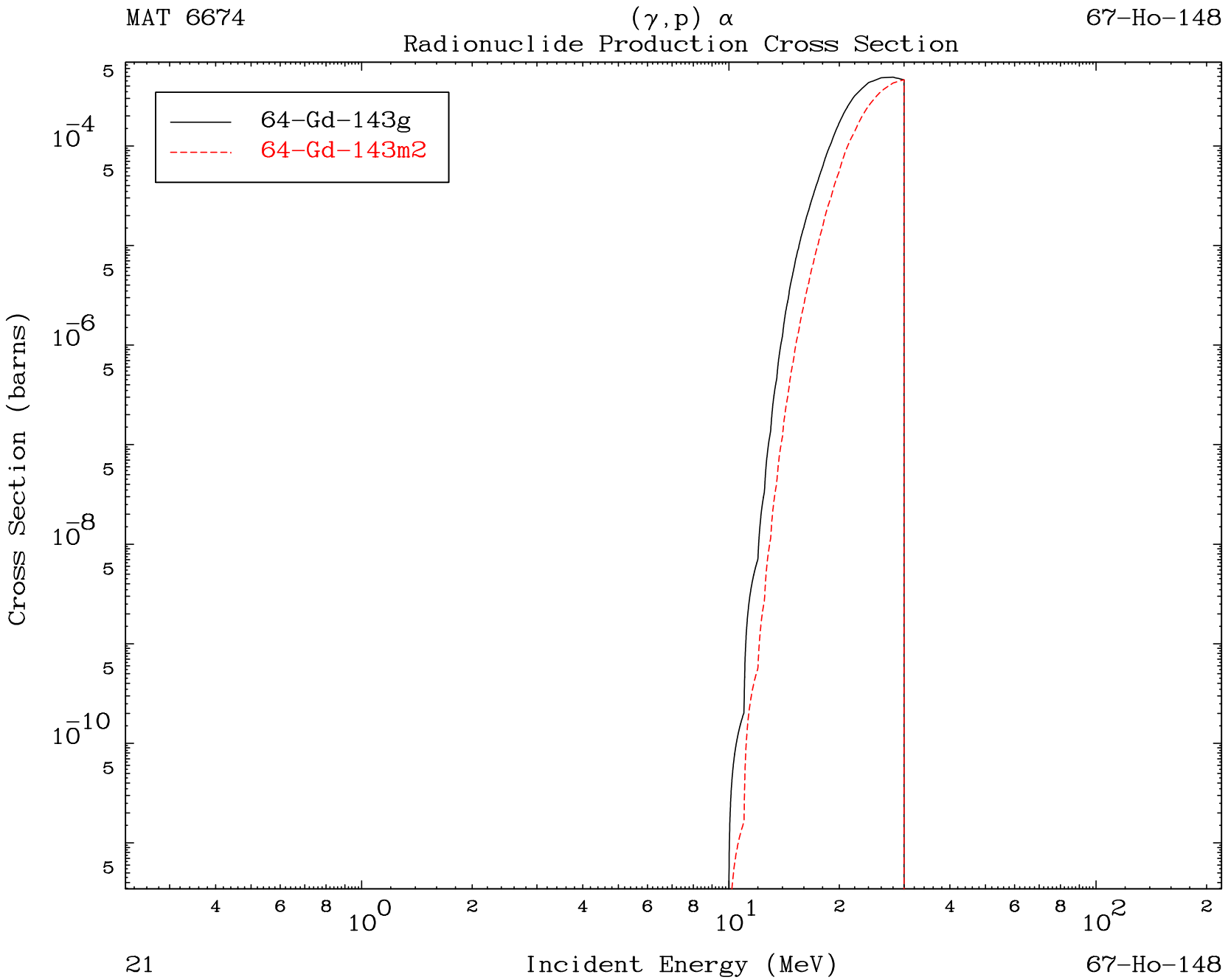

MAT 6674
(γ,p)
67-Ho-148
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
16
Incident Energy (MeV)
67-Ho-148

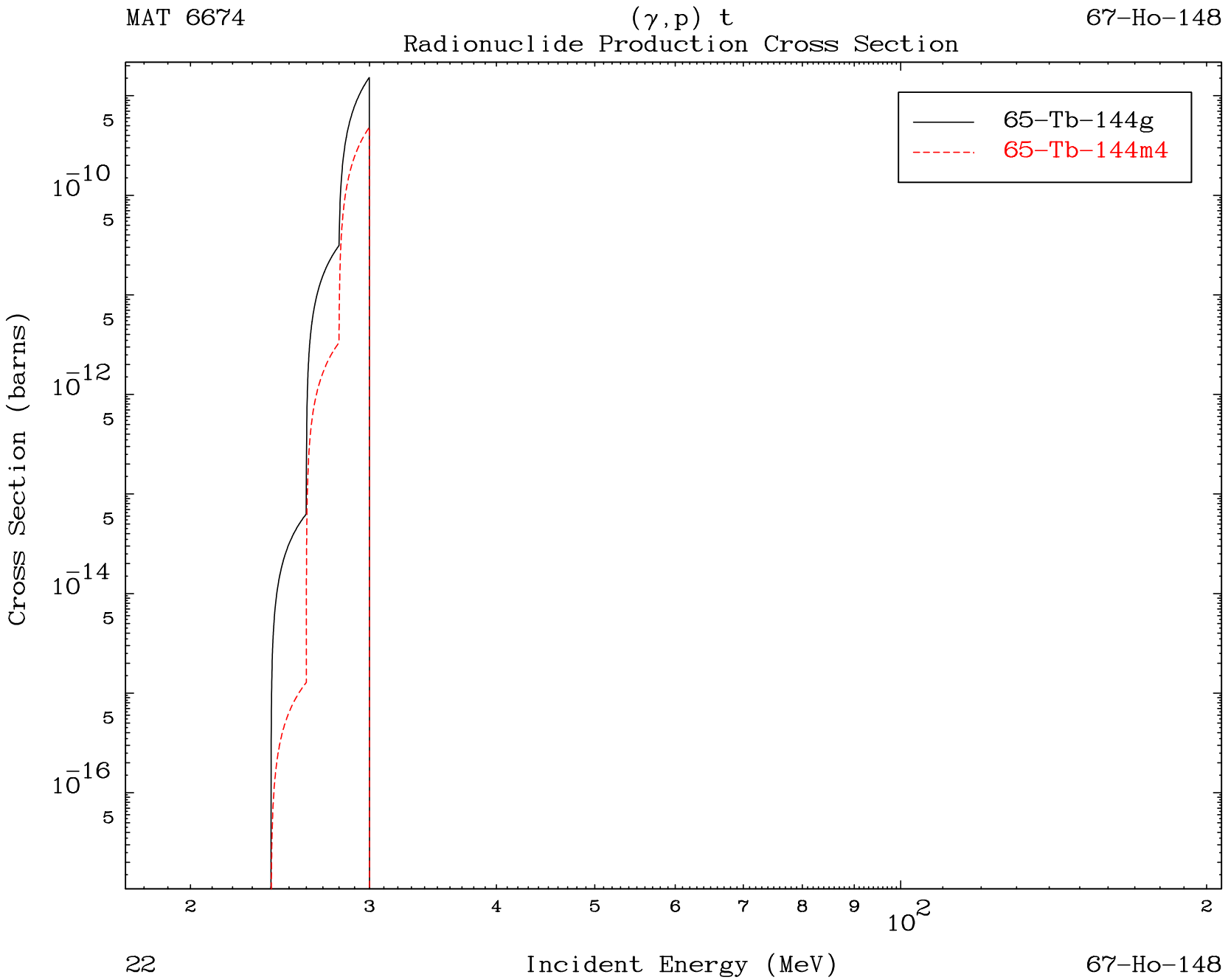

MAT 6674
(γ,d)
67-Ho-148
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m5
Cross Section (barns)
Incident Energy (MeV)
17
67-Ho-148


MAT 6674
(γ,t)
67-Ho-148
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
18
67-Ho-148


MAT 6674
(γ,α)
67-Ho-148
Radionuclide Production Cross Section
65-Tb-144g
65-Tb-144m4
Cross Section (barns)
Incident Energy (MeV)
19
67-Ho-148


MAT 6674
(γ,2p)
67-Ho-148
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
Incident Energy (MeV)
20
67-Ho-148


MAT 6674
(γ,p) α
67-Ho-148
Radionuclide Production Cross Section
64-Gd-143g
64-Gd-143m2
Cross Section (barns)
Incident Energy (MeV)
21
67-Ho-148


MAT 6674
(γ,p) t
67-Ho-148
Radionuclide Production Cross Section
65-Tb-144g
65-Tb-144m4
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
22
Incident Energy (MeV)
67-Ho-148