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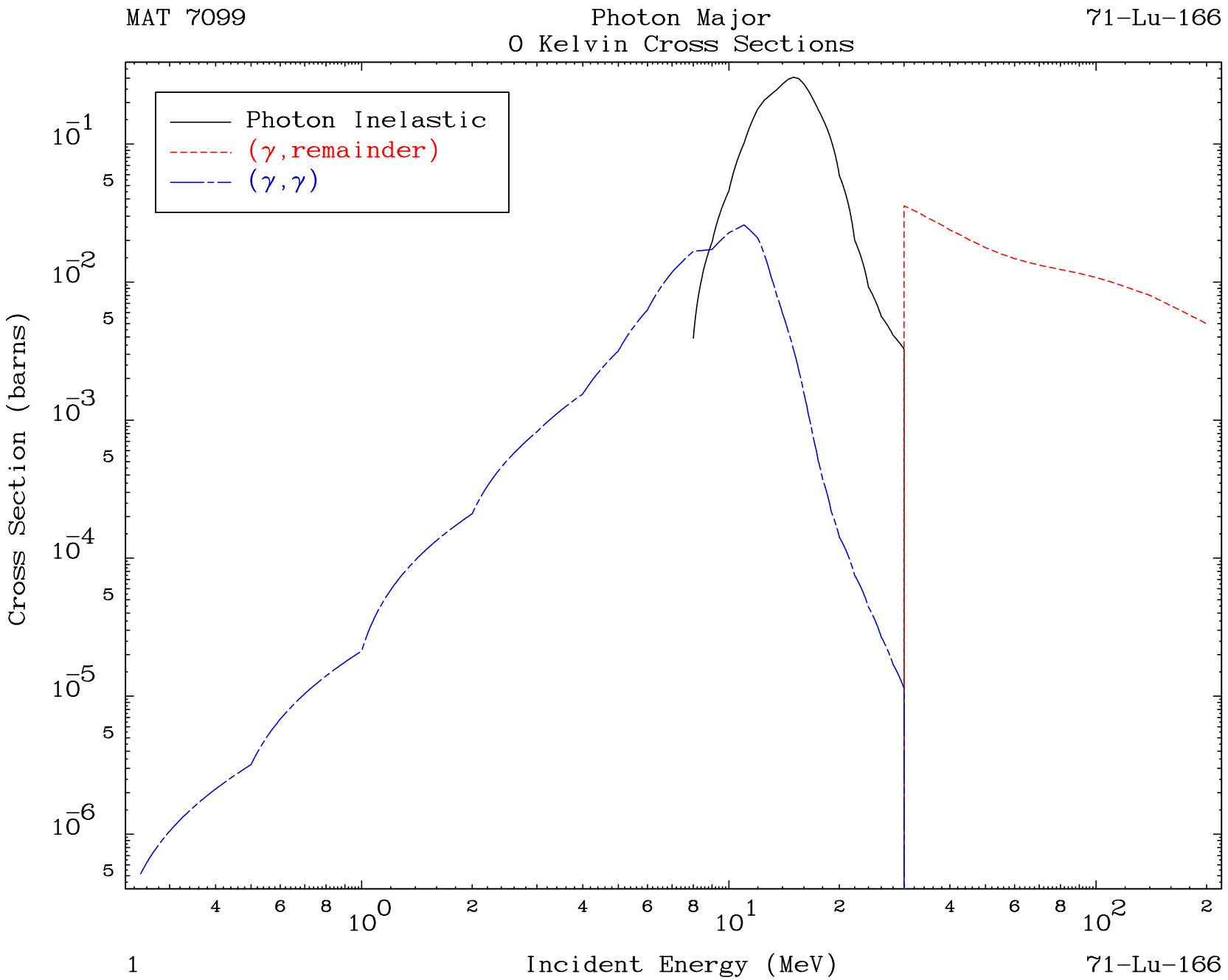
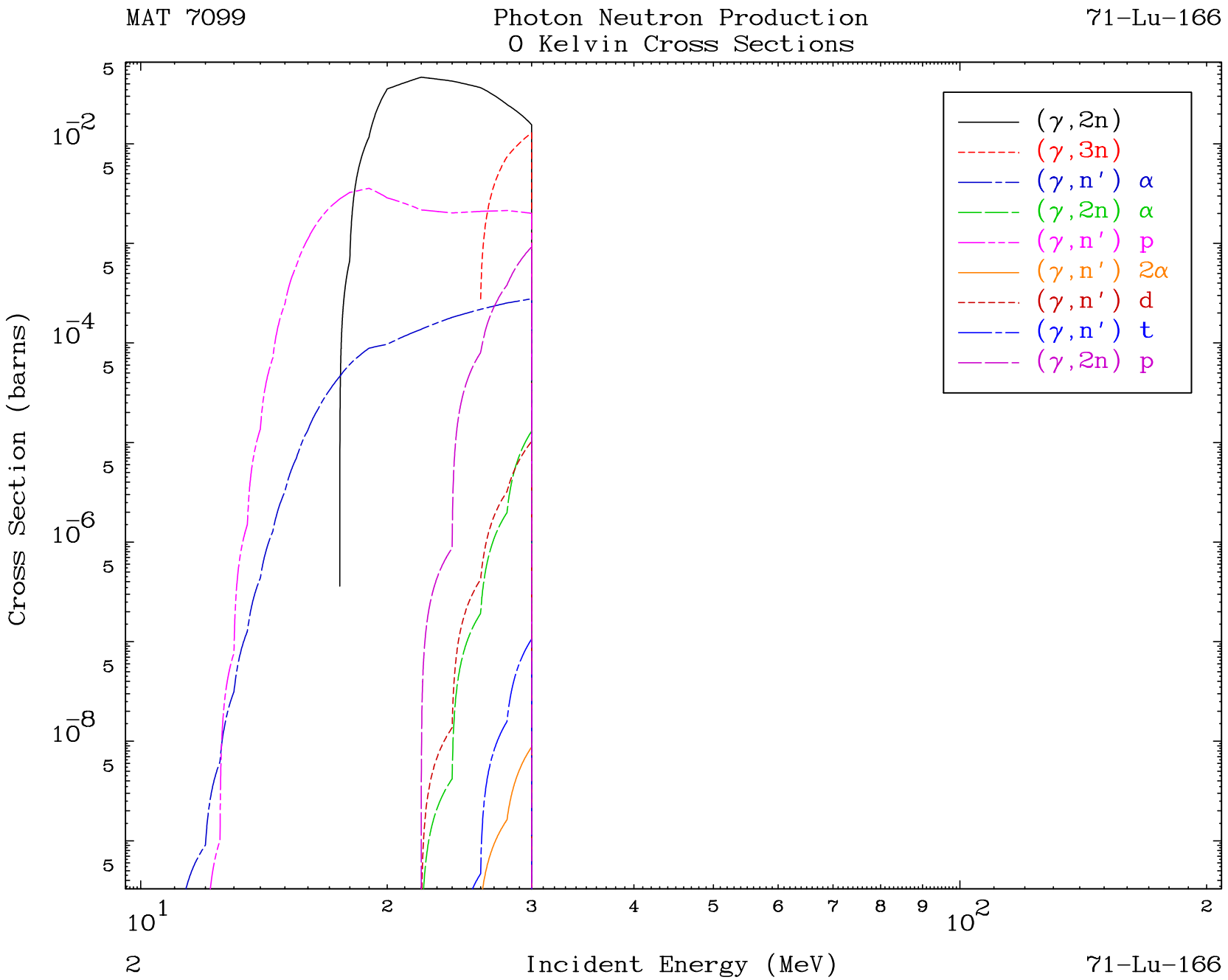
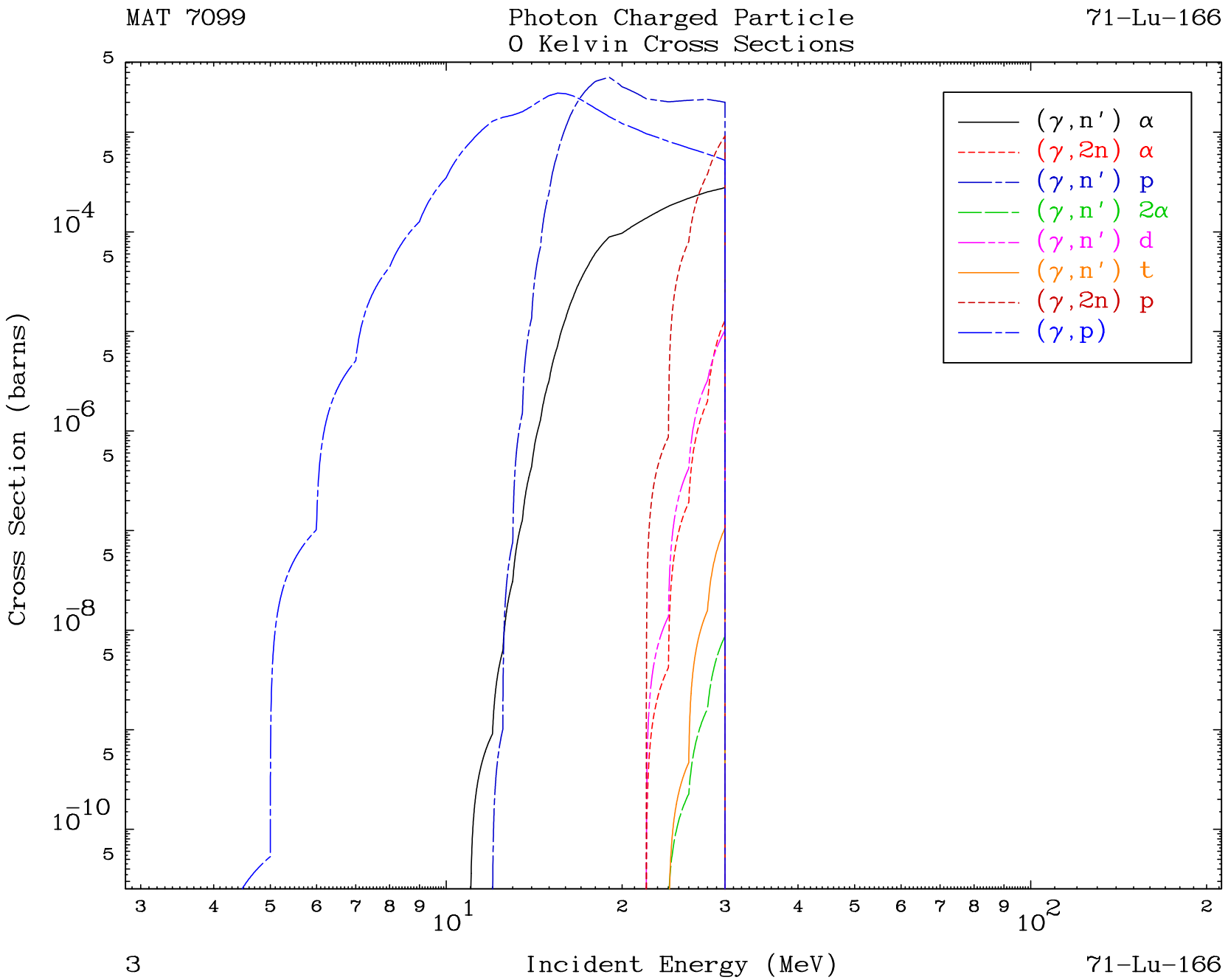
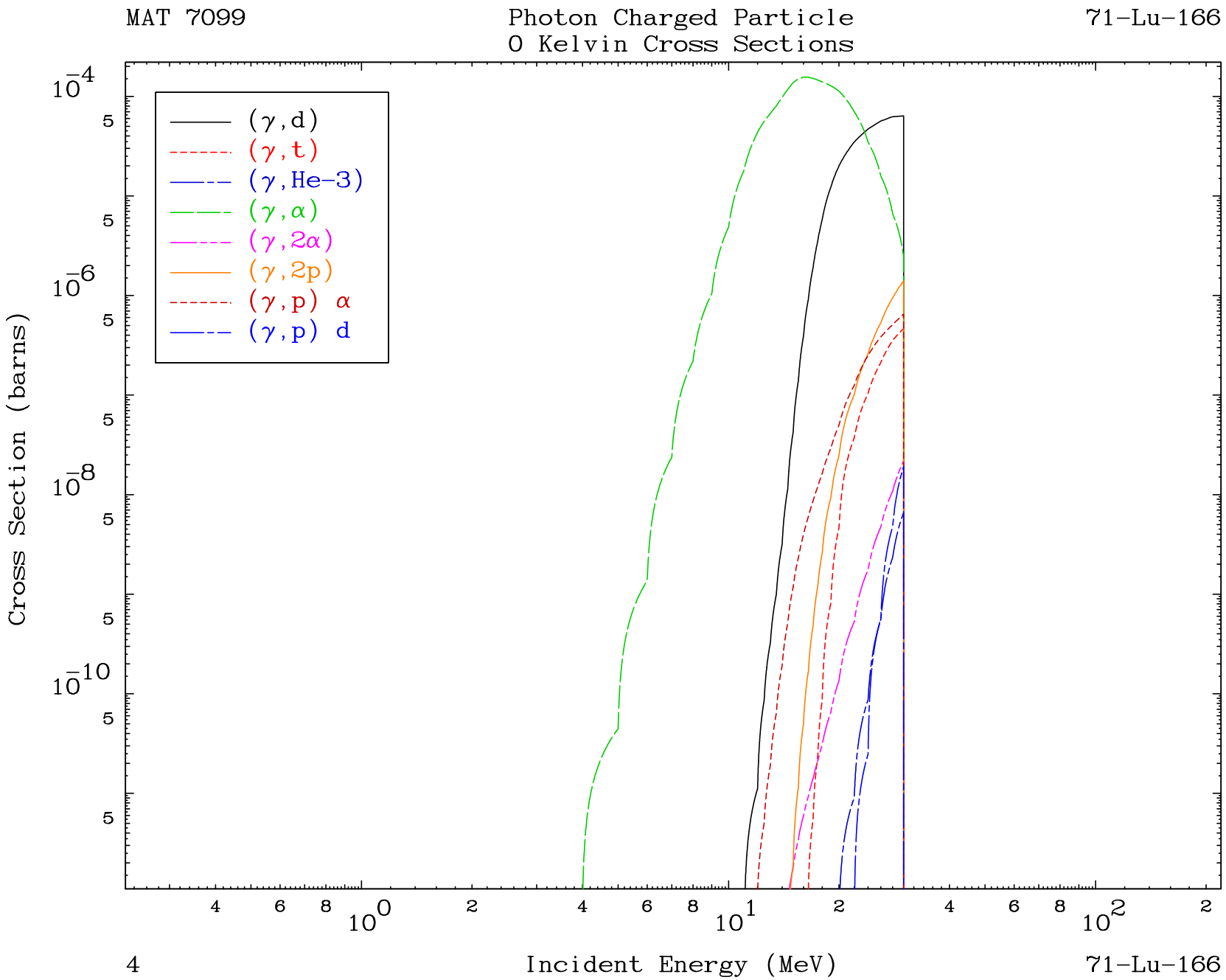
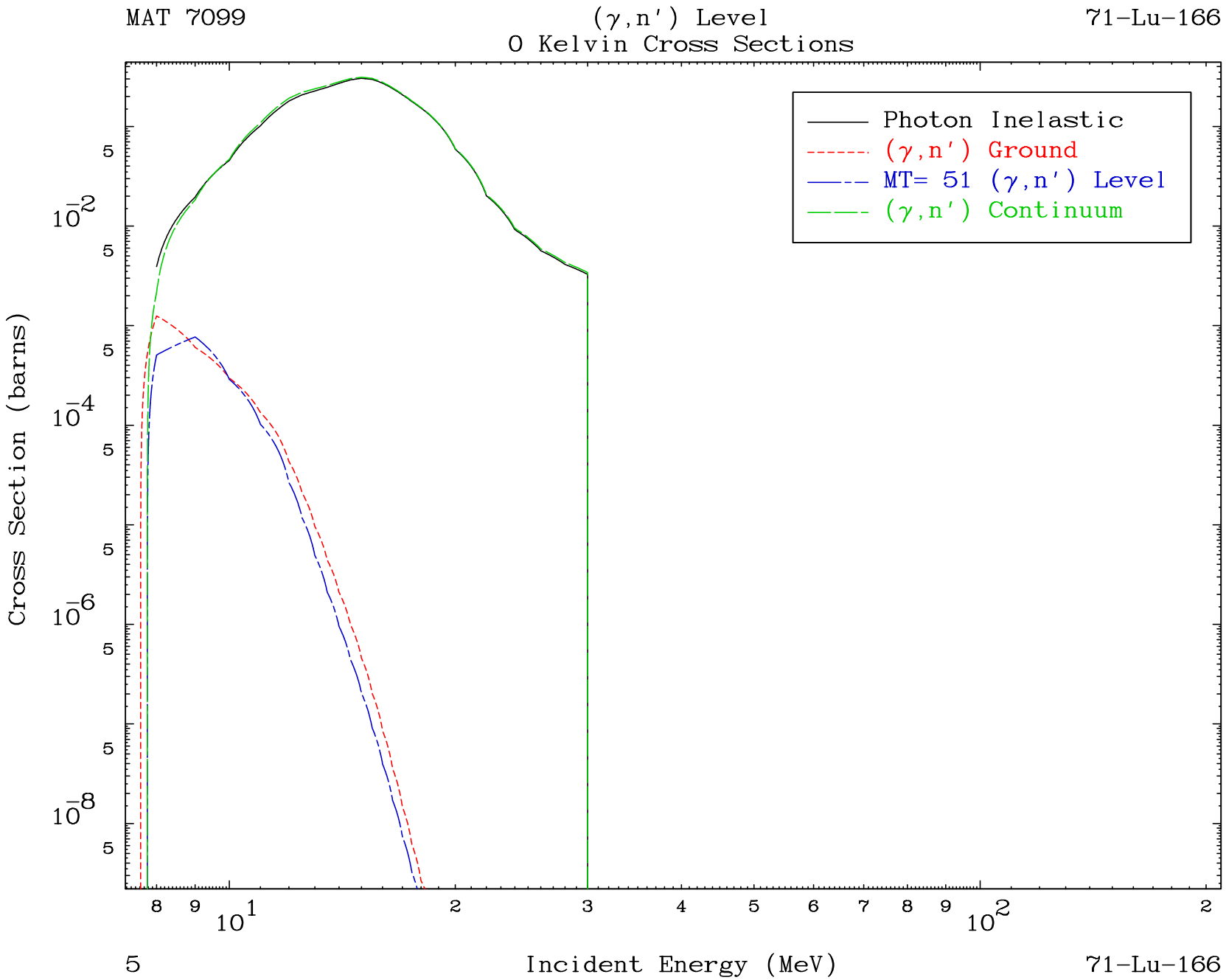
Press Mouse Button to Start

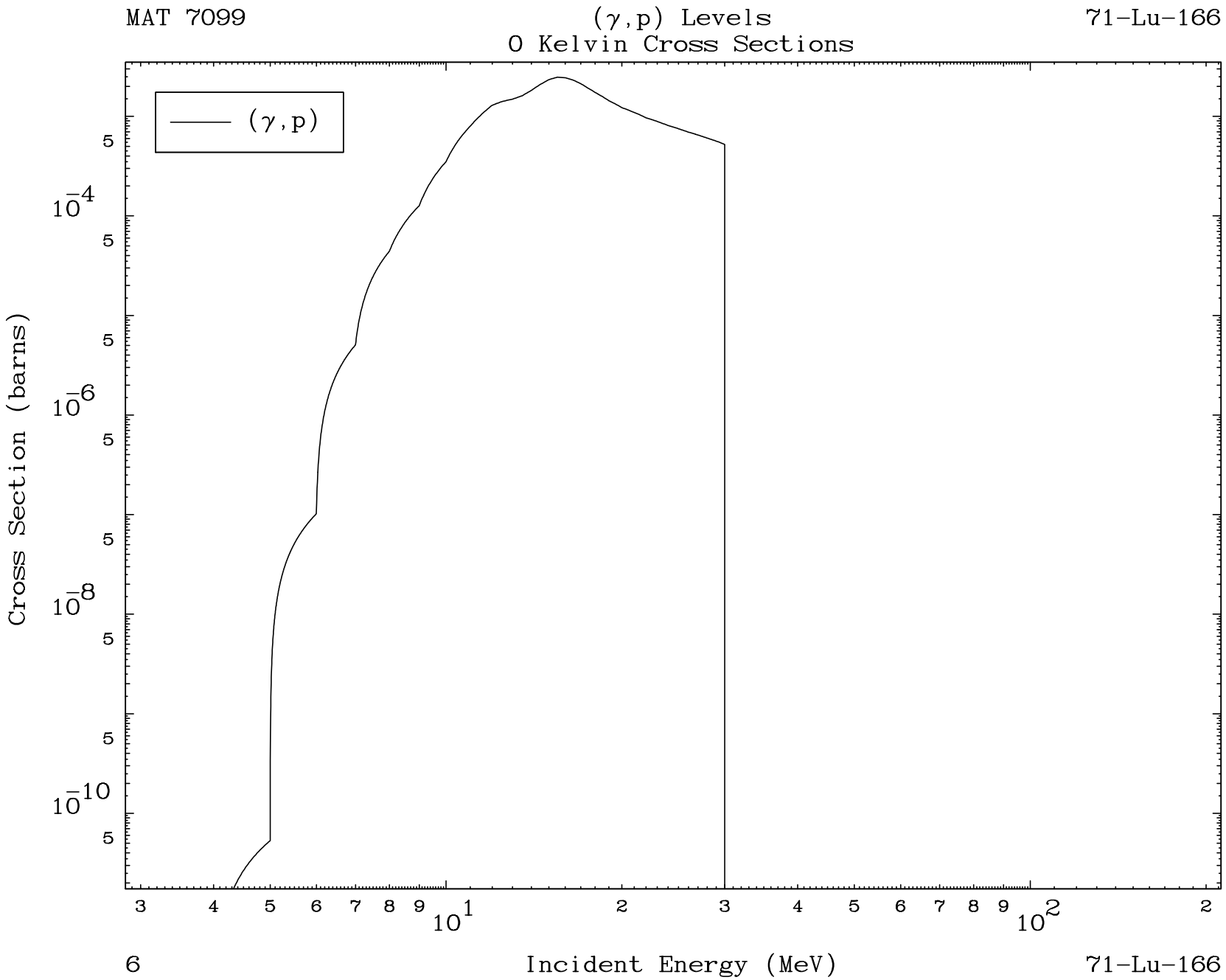

MAT 7099
Photon Major
71-Lu-166
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166

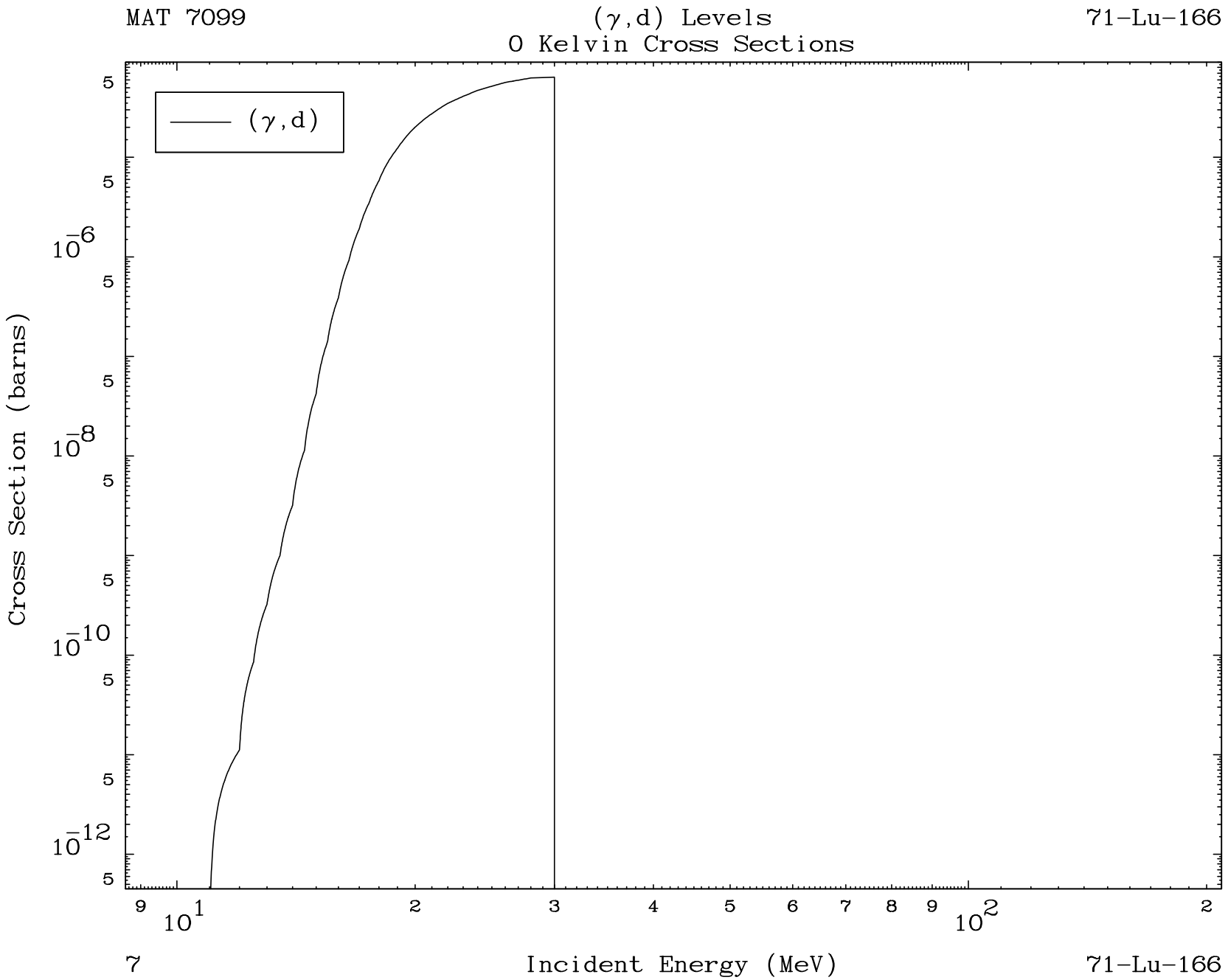

MAT 7099
Photon Neutron Production
0 Kelvin Cross Sections
71-Lu-166
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') 2α
(γ,n') d
(γ,n') t
(γ,2n) p

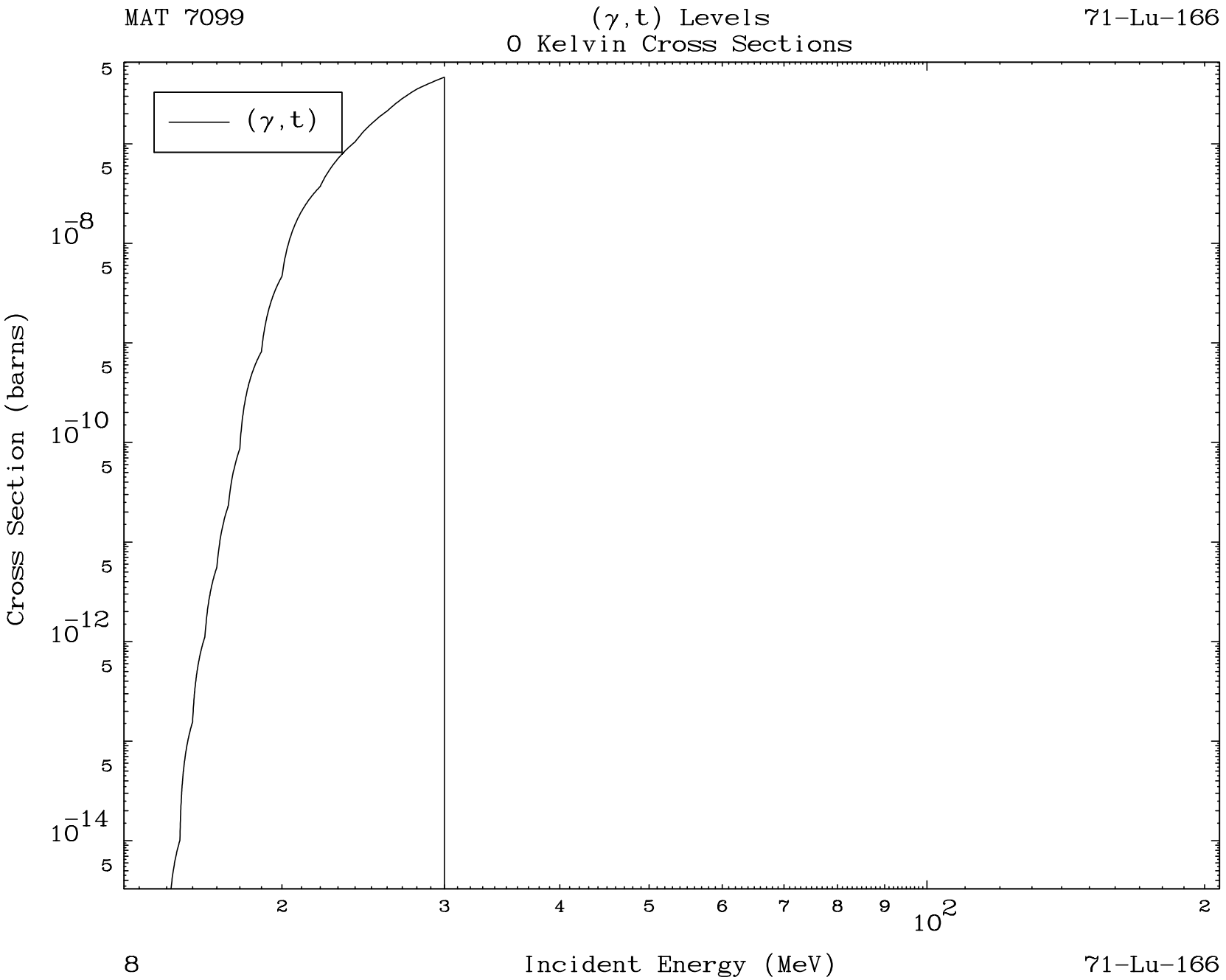

MAT 7099
Photon Charged Particle
0 Kelvin Cross Sections
71-Lu-166
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166
3
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') 2α
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)

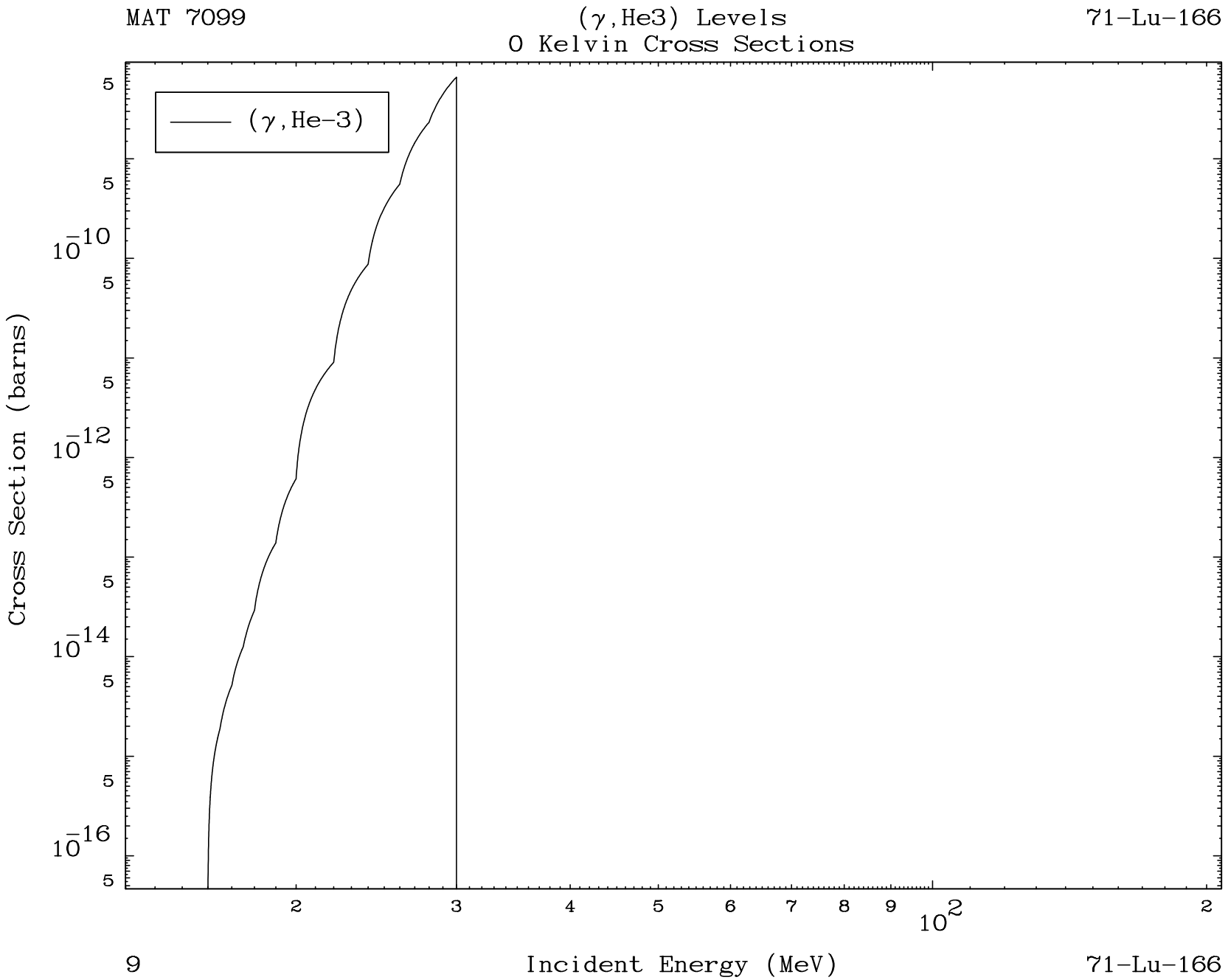

MAT 7099
Photon Charged Particle
0 Kelvin Cross Sections
71-Lu-166
(γ,d)
(γ,t)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
Cross Section (barns)
Incident Energy (MeV)
4
71-Lu-166

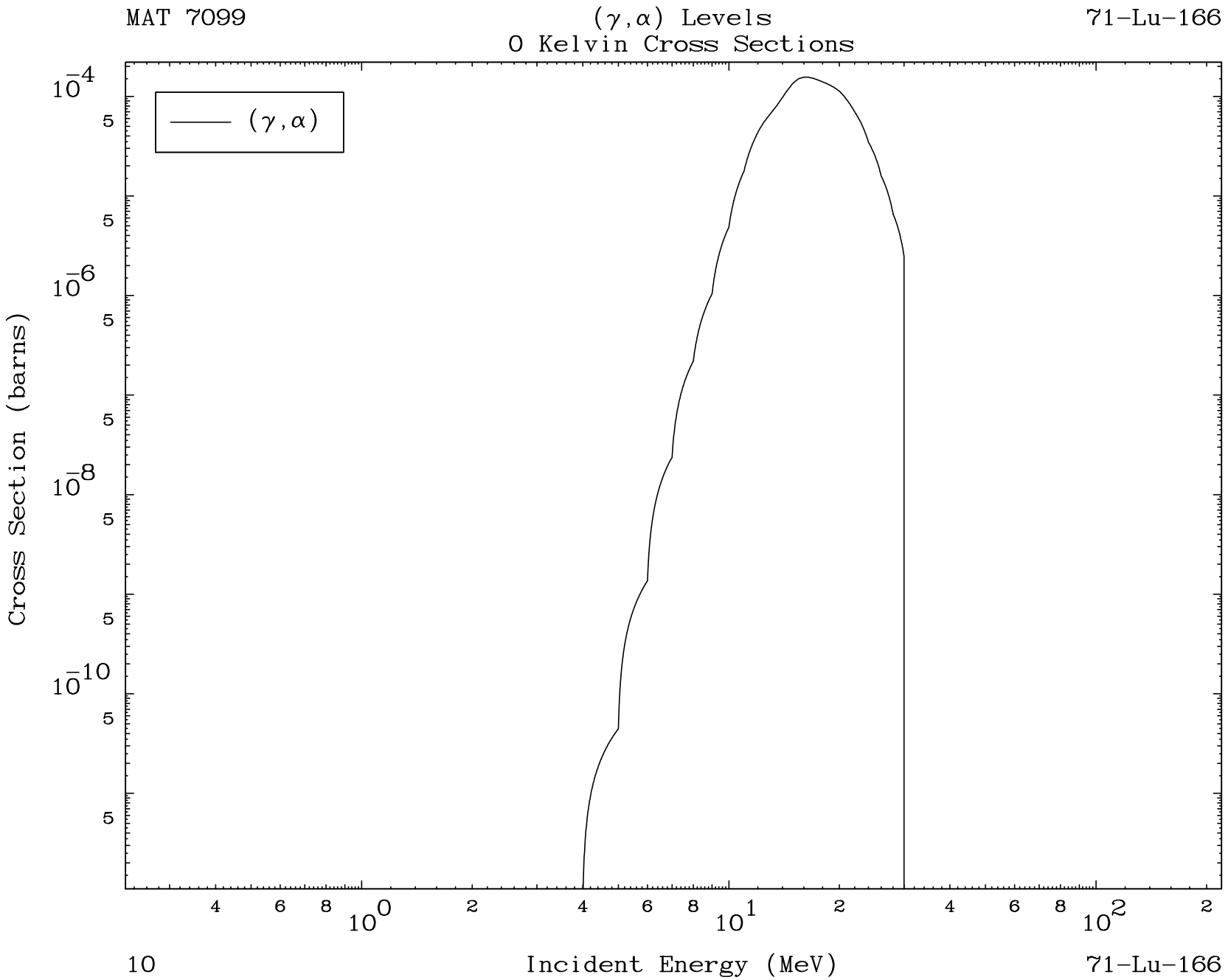

MAT 7099
(γ,n') Level
71-Lu-166
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166
5

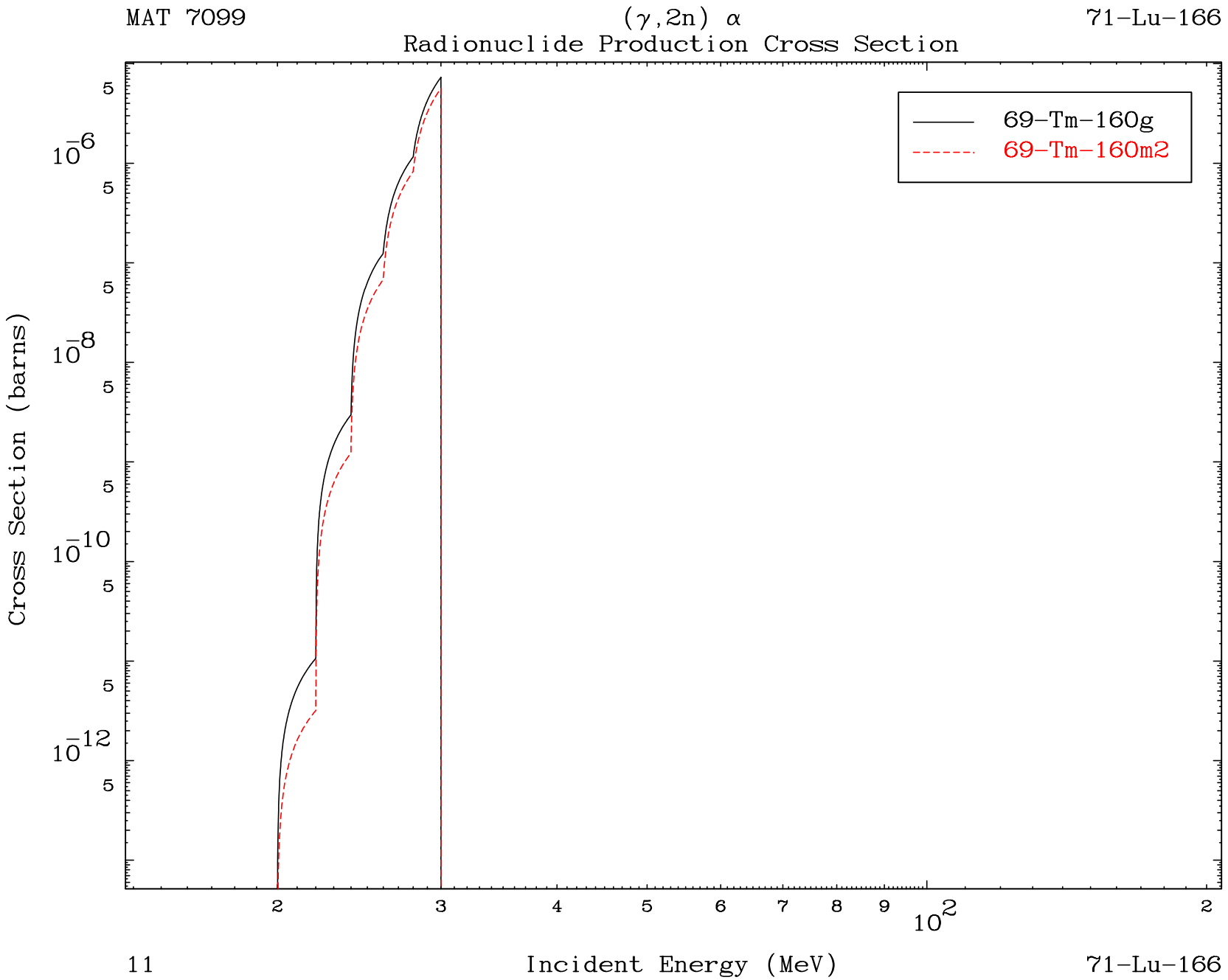

MAT 7099
(γ,p) Levels
71-Lu-166
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
71-Lu-166

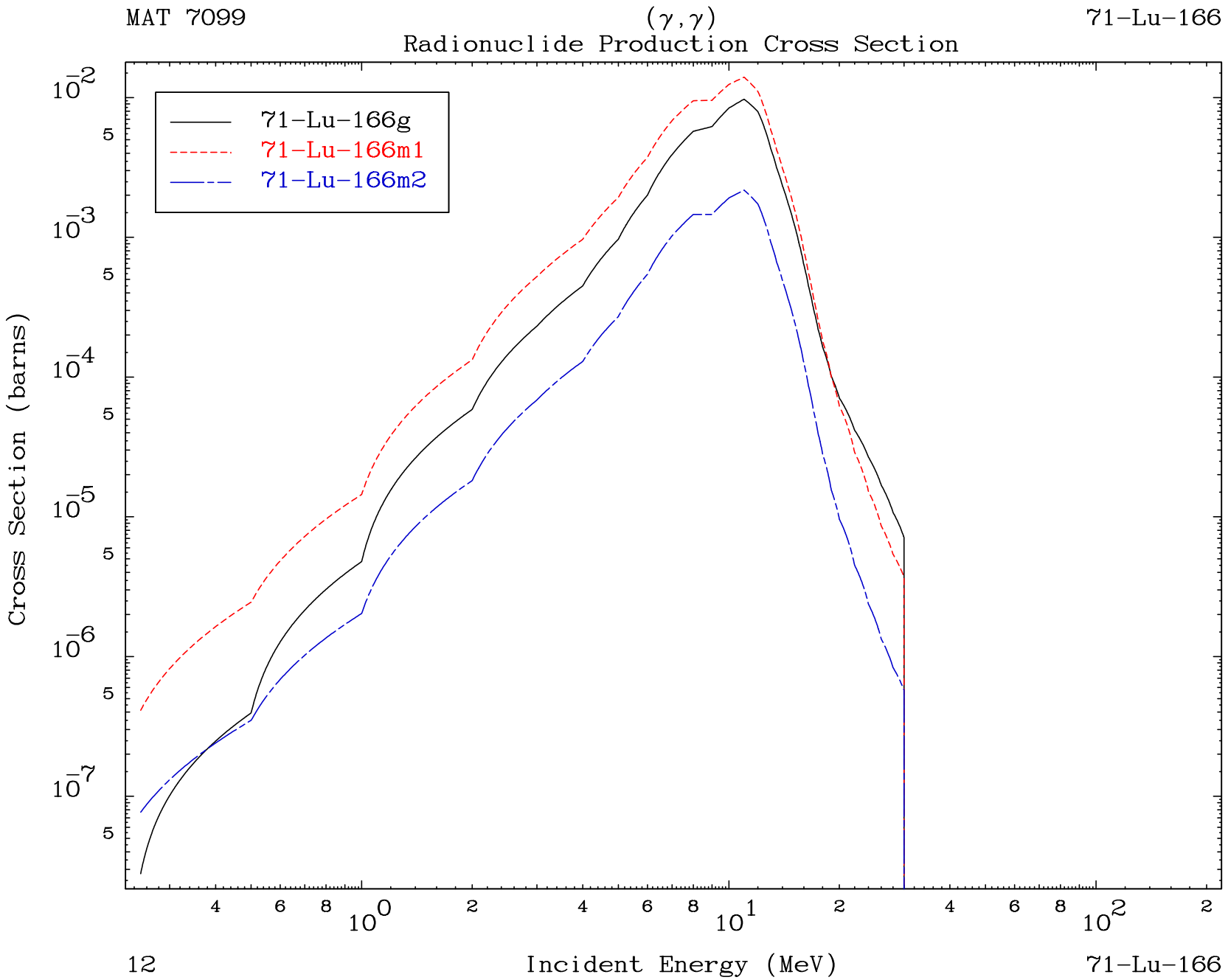

MAT 7099
(γ,d) Levels
71-Lu-166
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
Incident Energy (MeV)
7
71-Lu-166

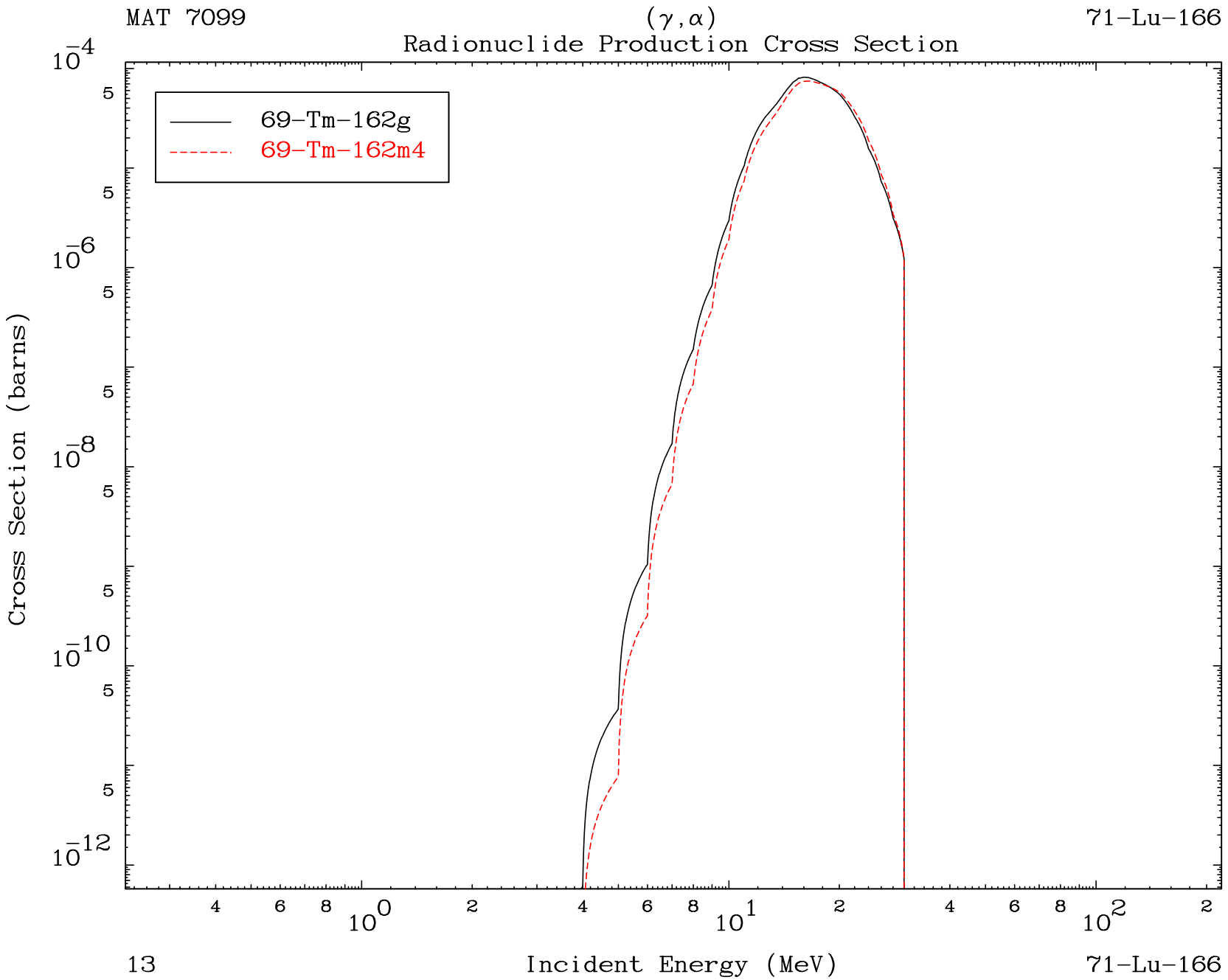

MAT 7099
(γ,t) Levels
71-Lu-166
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
71-Lu-166

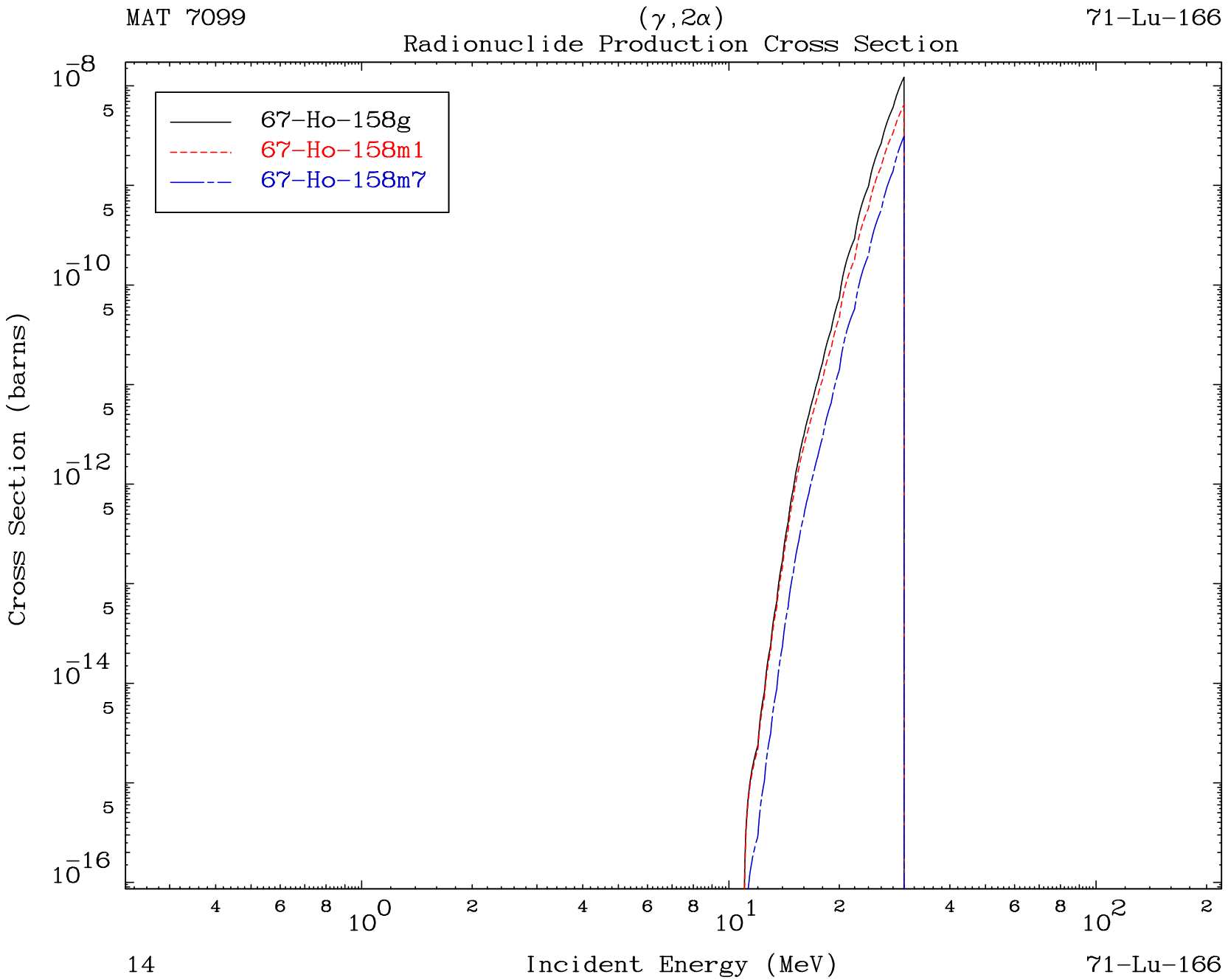

MAT 7099
(γ,He3) Levels
71-Lu-166
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
71-Lu-166

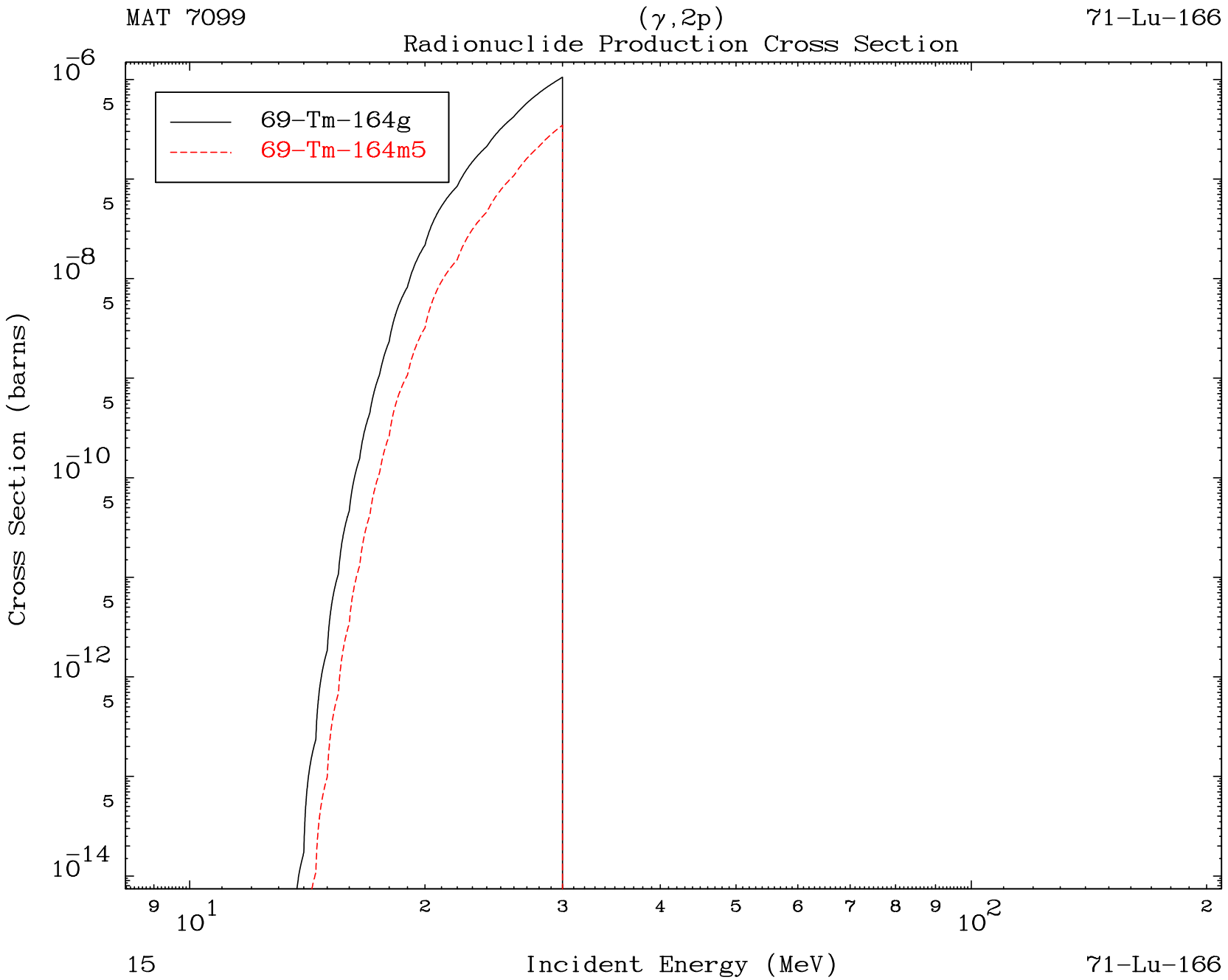

MAT 7099
(γ,α) Levels
71-Lu-166
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
71-Lu-166


MAT 7099
(γ,2n) α
71-Lu-166
Radionuclide Production Cross Section
69-Tm-160g
69-Tm-160m2
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
11
Incident Energy (MeV)
71-Lu-166


MAT 7099
(γ,γ)
71-Lu-166
Radionuclide Production Cross Section
71-Lu-166g
71-Lu-166m1
71-Lu-166m2
Cross Section (barns)
Incident Energy (MeV)
12
71-Lu-166


MAT 7099
(γ,α)
71-Lu-166
Radionuclide Production Cross Section
69-Tm-162g
69-Tm-162m4
Cross Section (barns)
Incident Energy (MeV)
13
71-Lu-166


MAT 7099
(γ,2α)
71-Lu-166
Radionuclide Production Cross Section
67-Ho-158g
67-Ho-158m1
67-Ho-158m7
Cross Section (barns)
Incident Energy (MeV)
14
71-Lu-166


MAT 7099
(γ,2p)
71-Lu-166
Radionuclide Production Cross Section
69-Tm-164g
69-Tm-164m5
Cross Section (barns)
Incident Energy (MeV)
71-Lu-166
15