Program EVALPLOT
(Version 2017-1)
by
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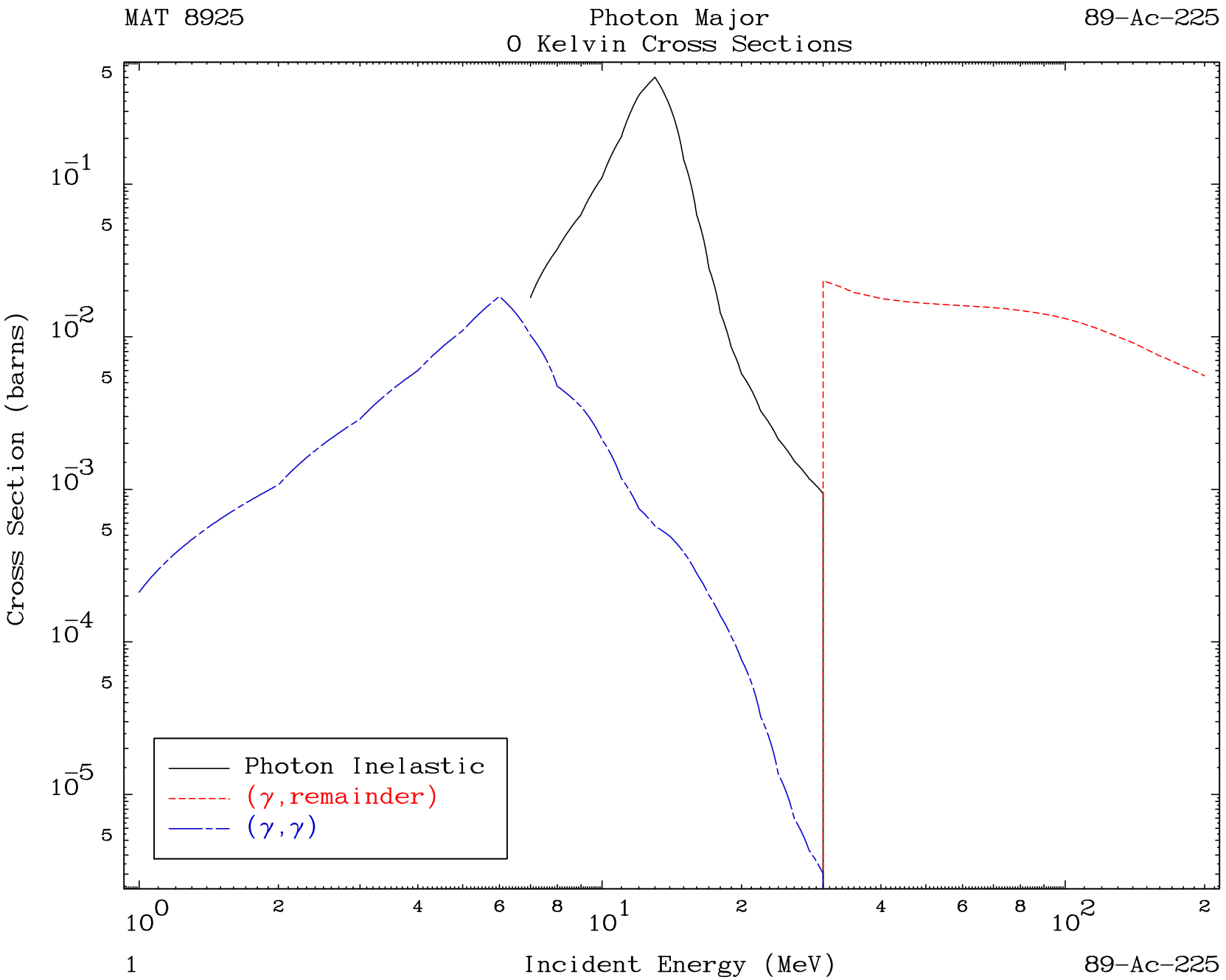
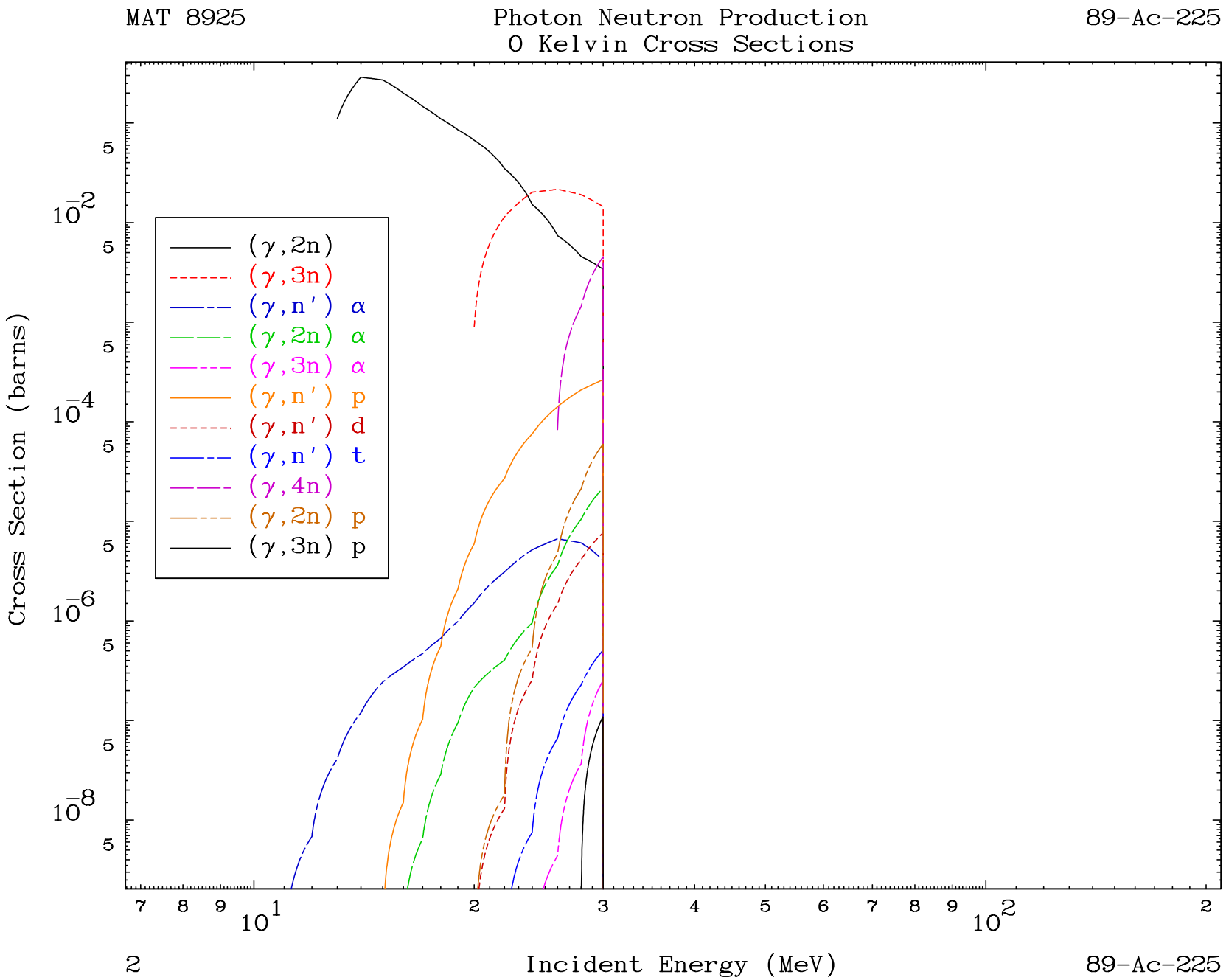
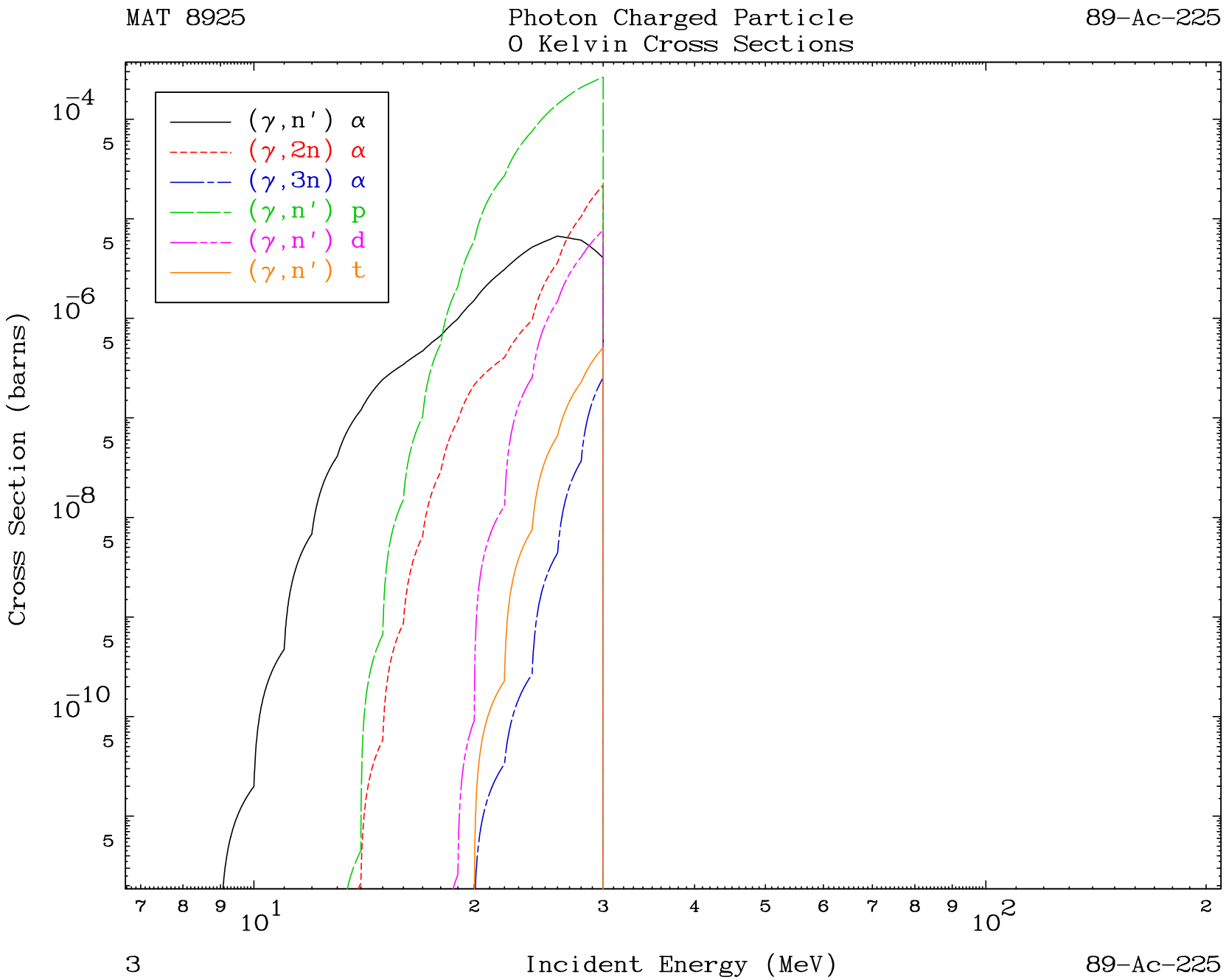
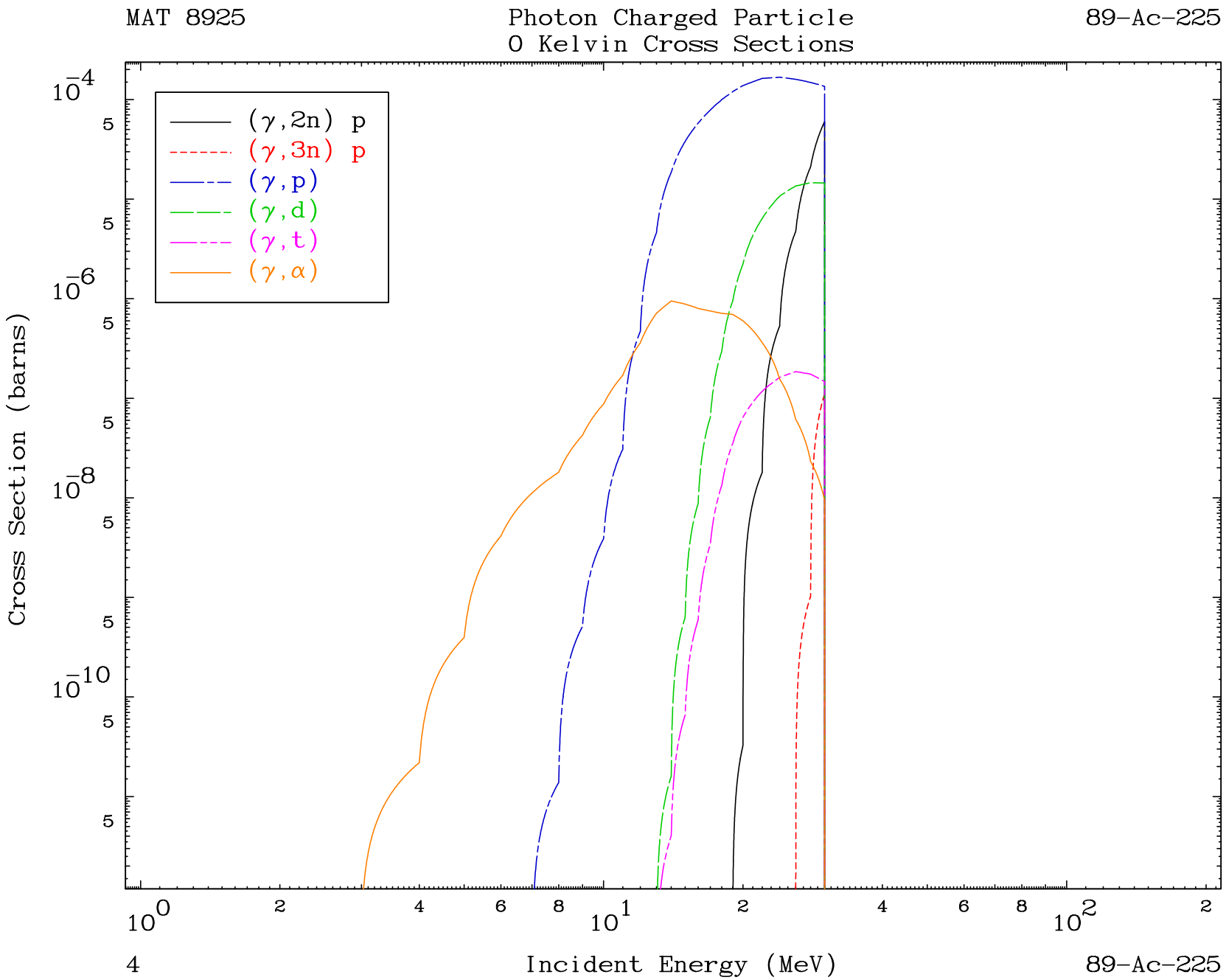
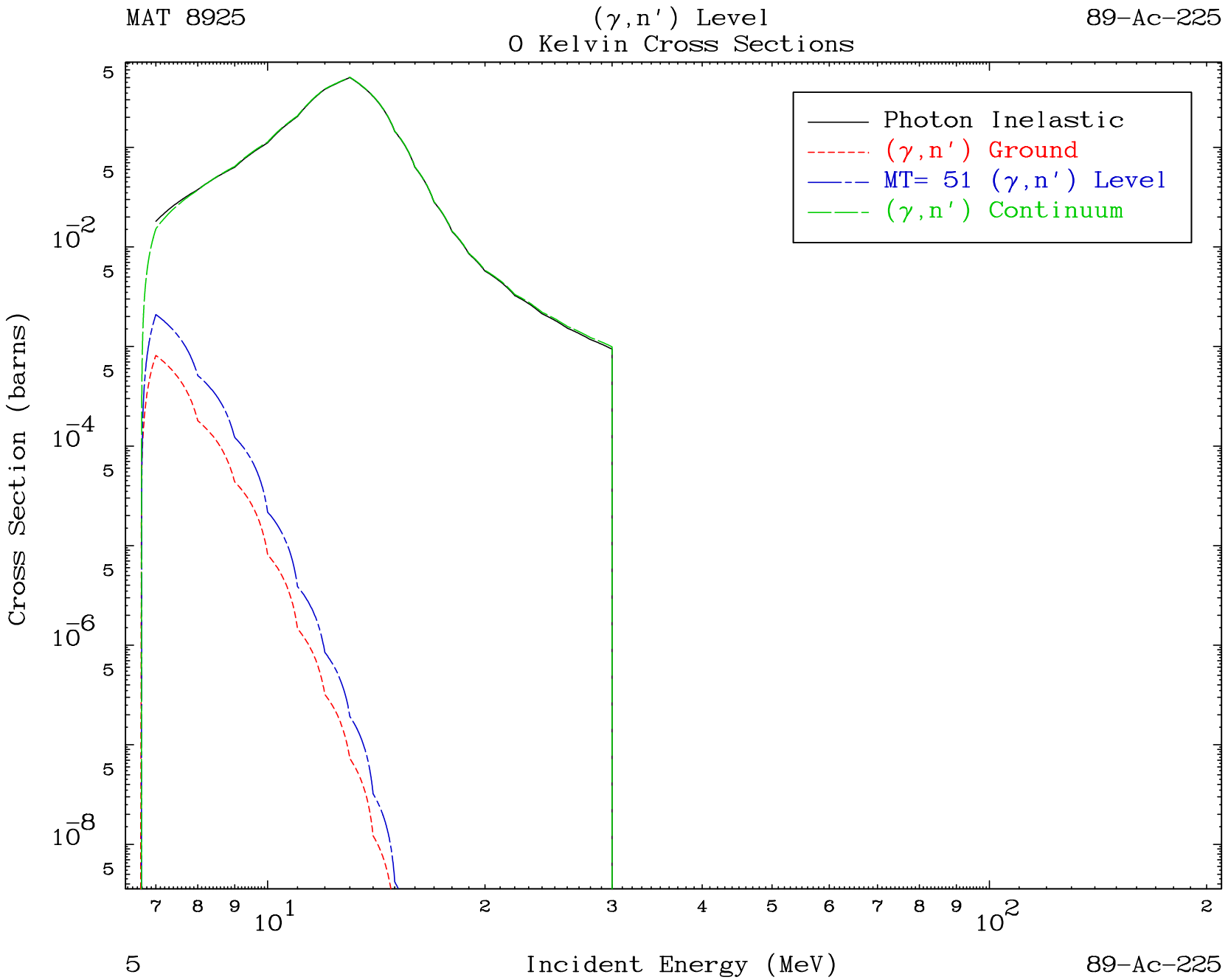
Press Mouse Button to Start

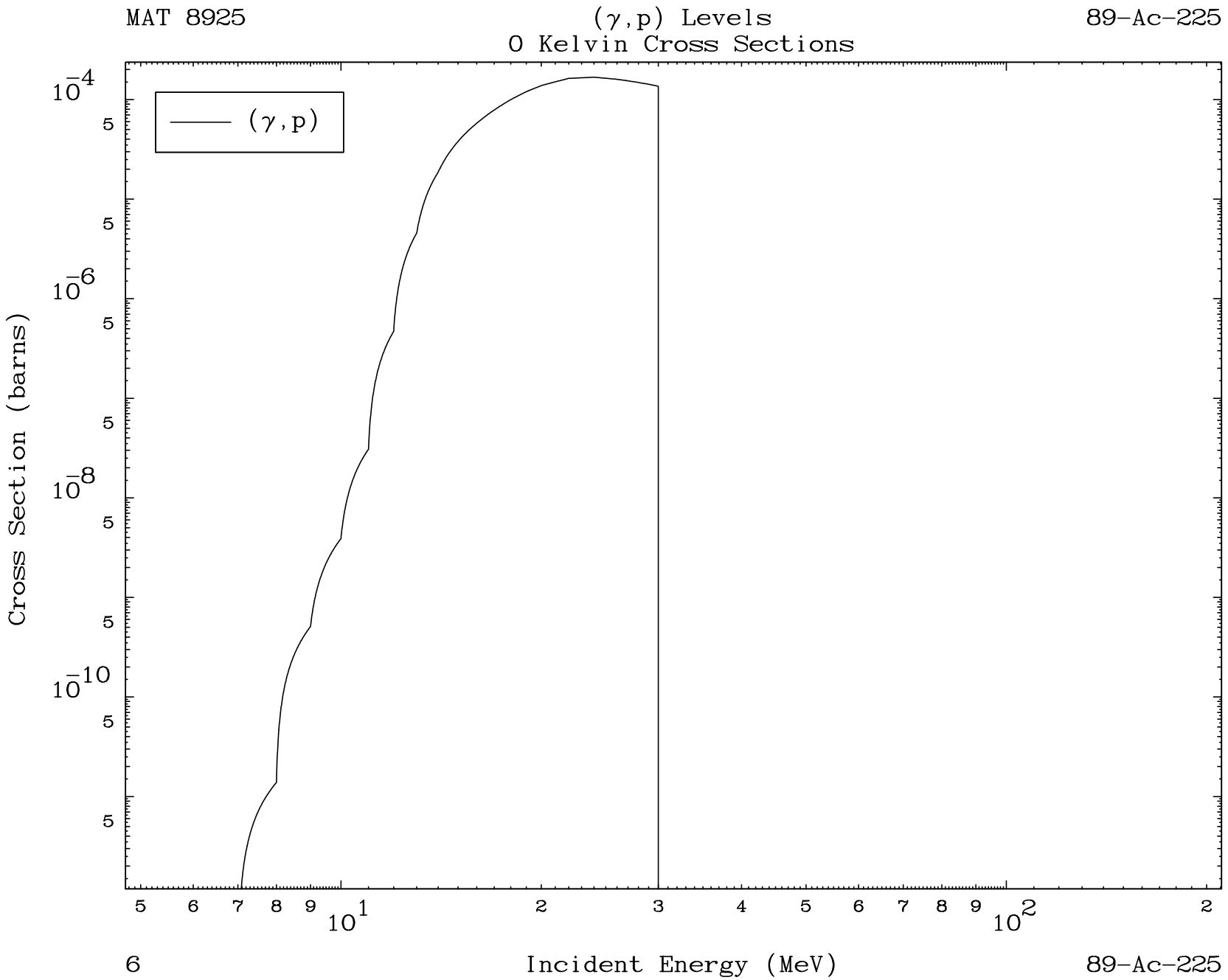

MAT 8925
Photon Major
89-Ac-225
0 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
89-Ac-225
Photon Inelastic
(γ,remainder)
(γ,γ)

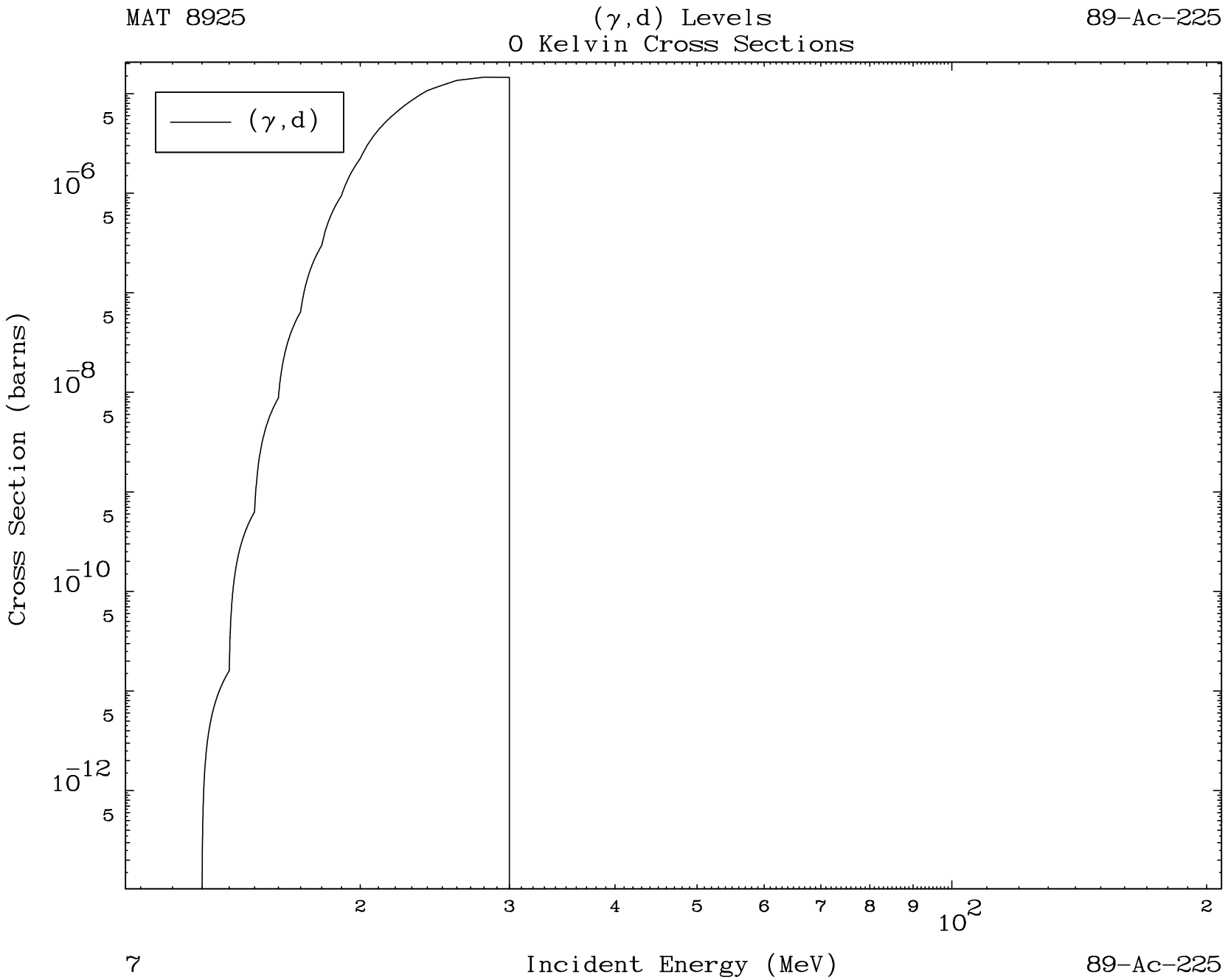

MAT 8925
Photon Neutron Production
0 Kelvin Cross Sections
89-Ac-225
Cross Section (barns)
Incident Energy (MeV)
89-Ac-225
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p
(γ,3n) p

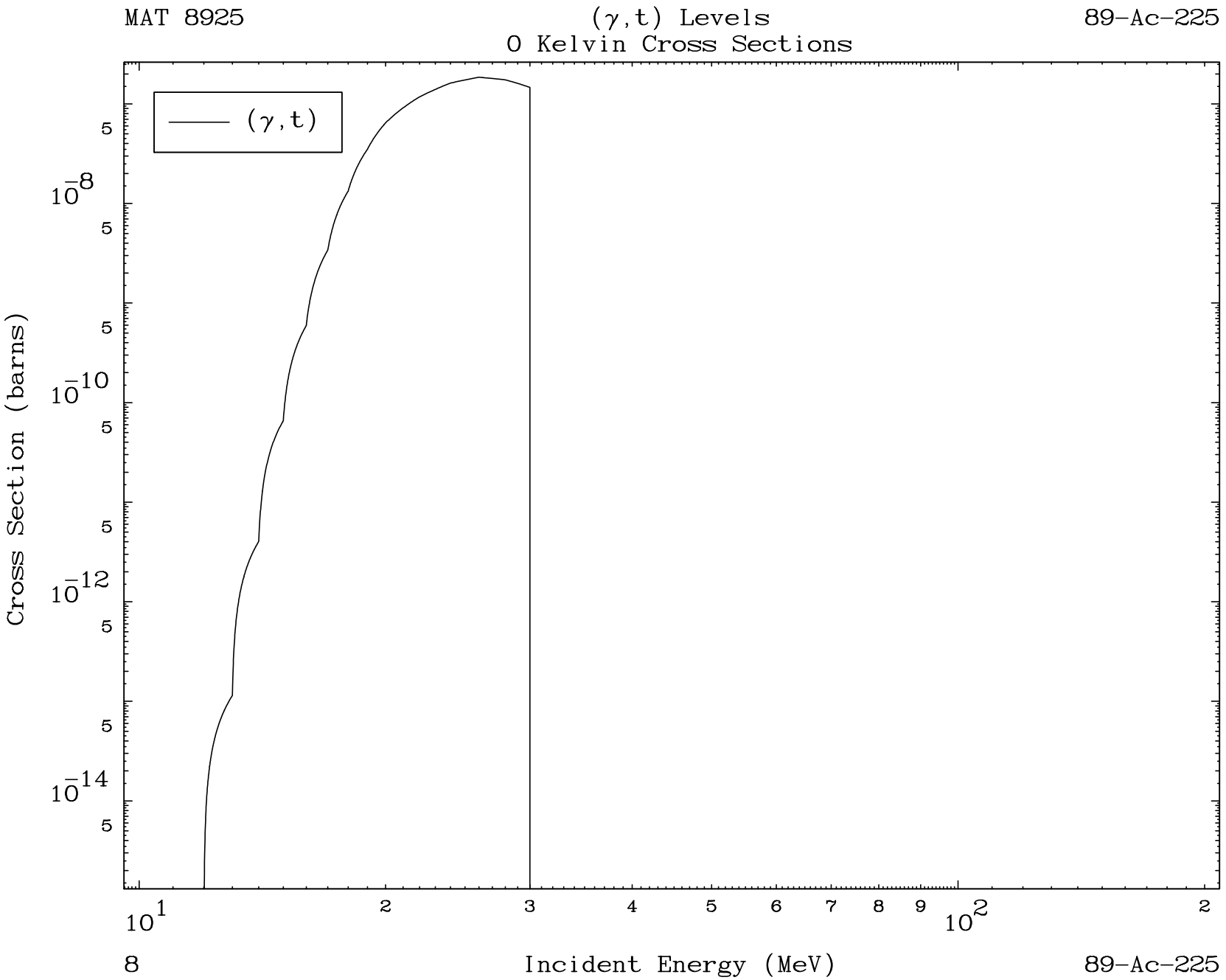

MAT 8925
Photon Charged Particle
0 Kelvin Cross Sections
89-Ac-225
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') d
(γ,n') t
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
3
89-Ac-225

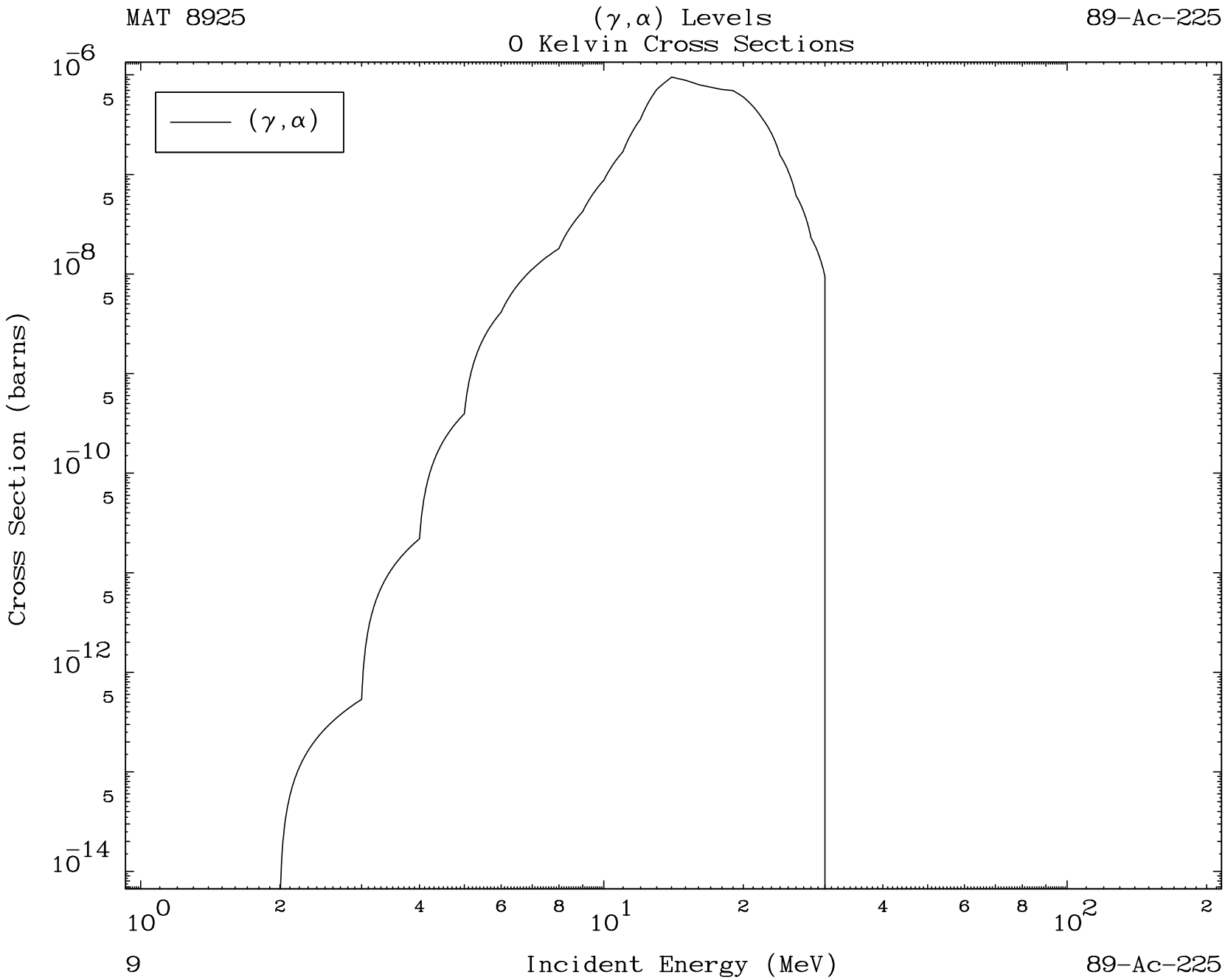

MAT 8925
Photon Charged Particle
0 Kelvin Cross Sections
89-Ac-225
(γ,2n) p
(γ,3n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
89-Ac-225
4

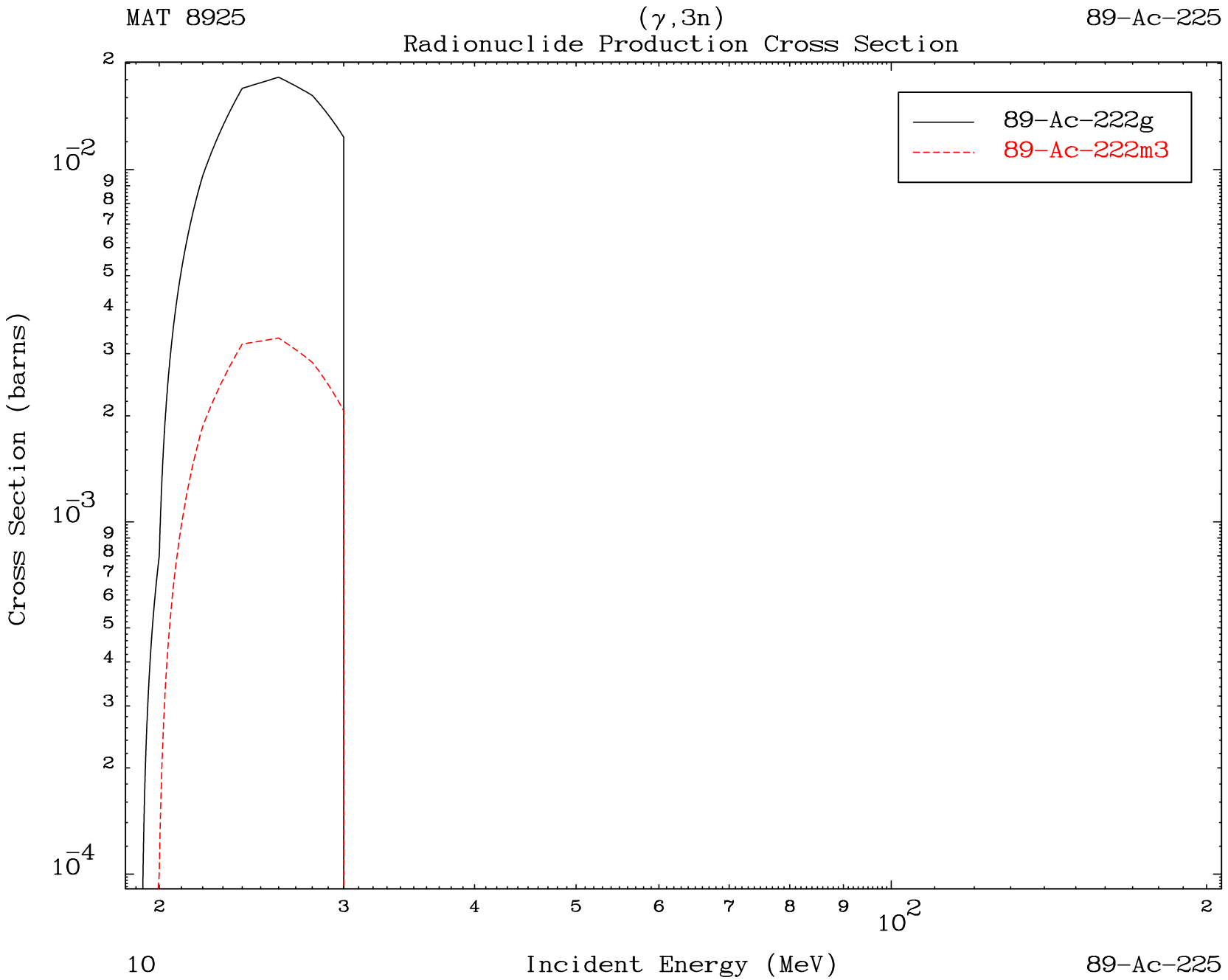

MAT 8925
(γ,n') Level
89-Ac-225
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
89-Ac-225

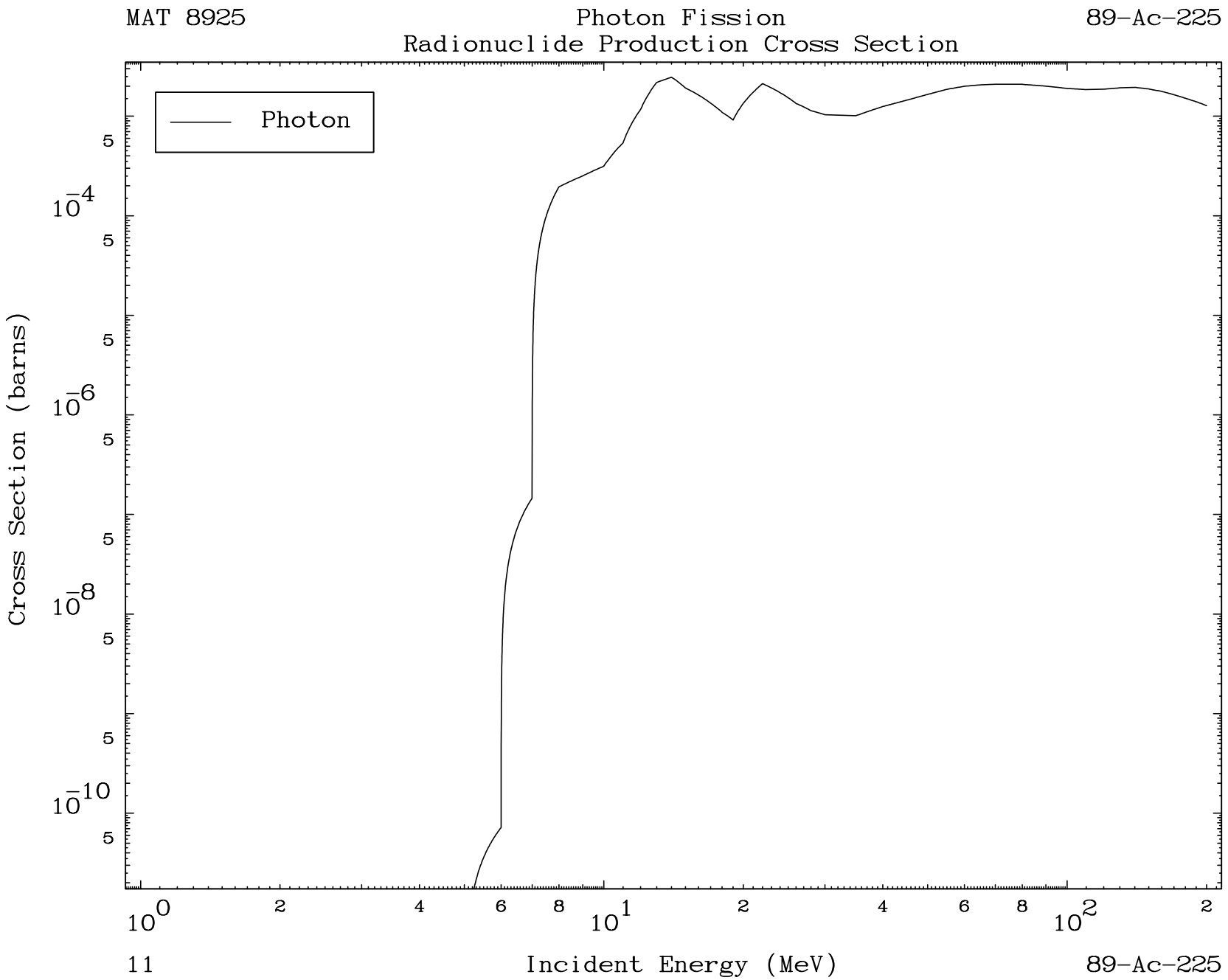

MAT 8925
(γ,p) Levels
0 Kelvin Cross Sections
89-Ac-225
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
6
89-Ac-225


MAT 8925
(γ,d) Levels
89-Ac-225
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
7
Incident Energy (MeV)
89-Ac-225


MAT 8925
(γ,t) Levels
89-Ac-225
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
101
2
3
4
5
6
7
8
9
102
2
8
Incident Energy (MeV)
89-Ac-225


MAT 8925
(γ,α) Levels
89-Ac-225
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
9
89-Ac-225


MAT 8925
(γ,3n)
89-Ac-225
Radionuclide Production Cross Section
89-Ac-222g
89-Ac-222m3
Cross Section (barns)
Incident Energy (MeV)
10
89-Ac-225


MAT 8925
Photon Fission
89-Ac-225
Radionuclide Production Cross Section
Photon
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
89-Ac-225