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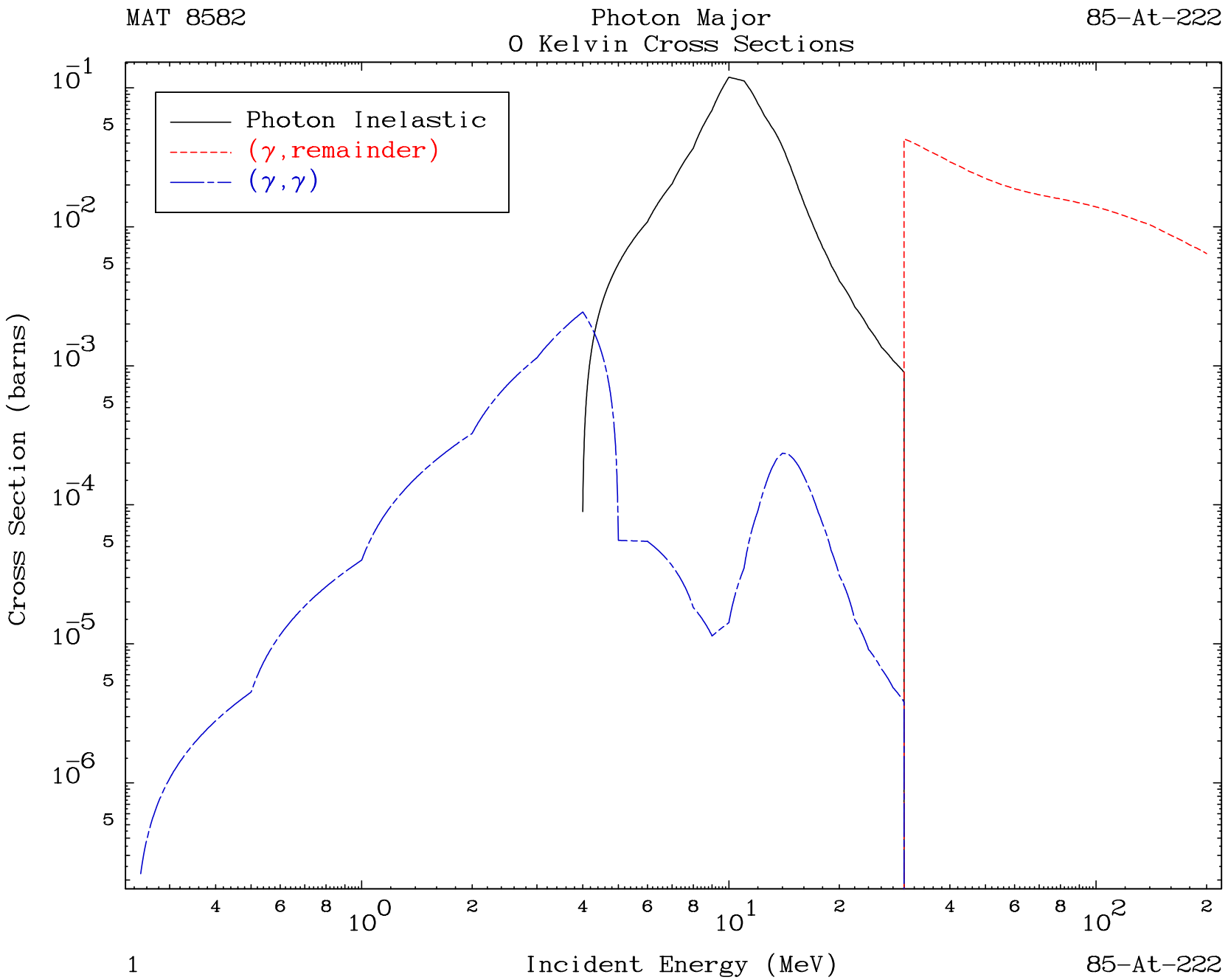
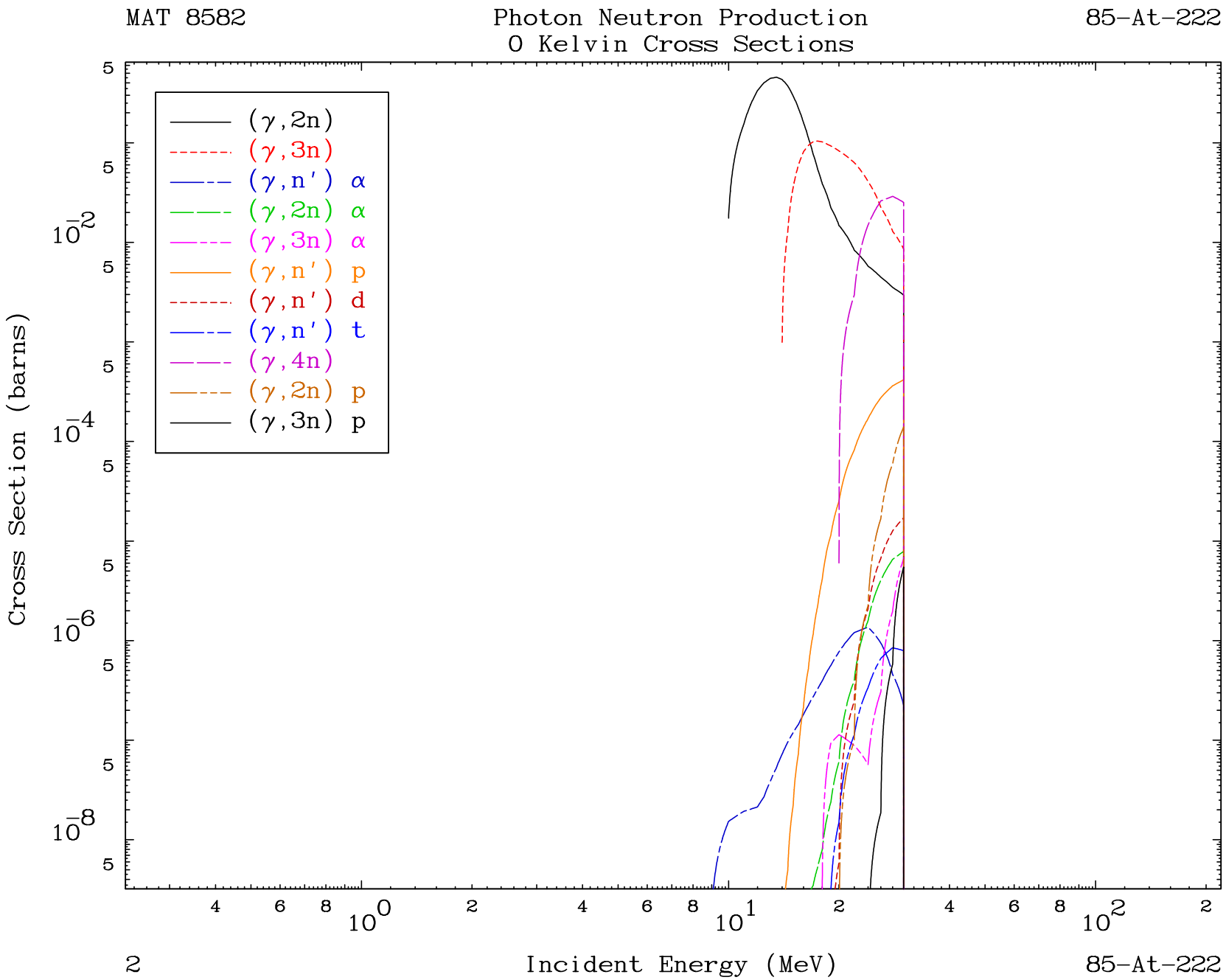
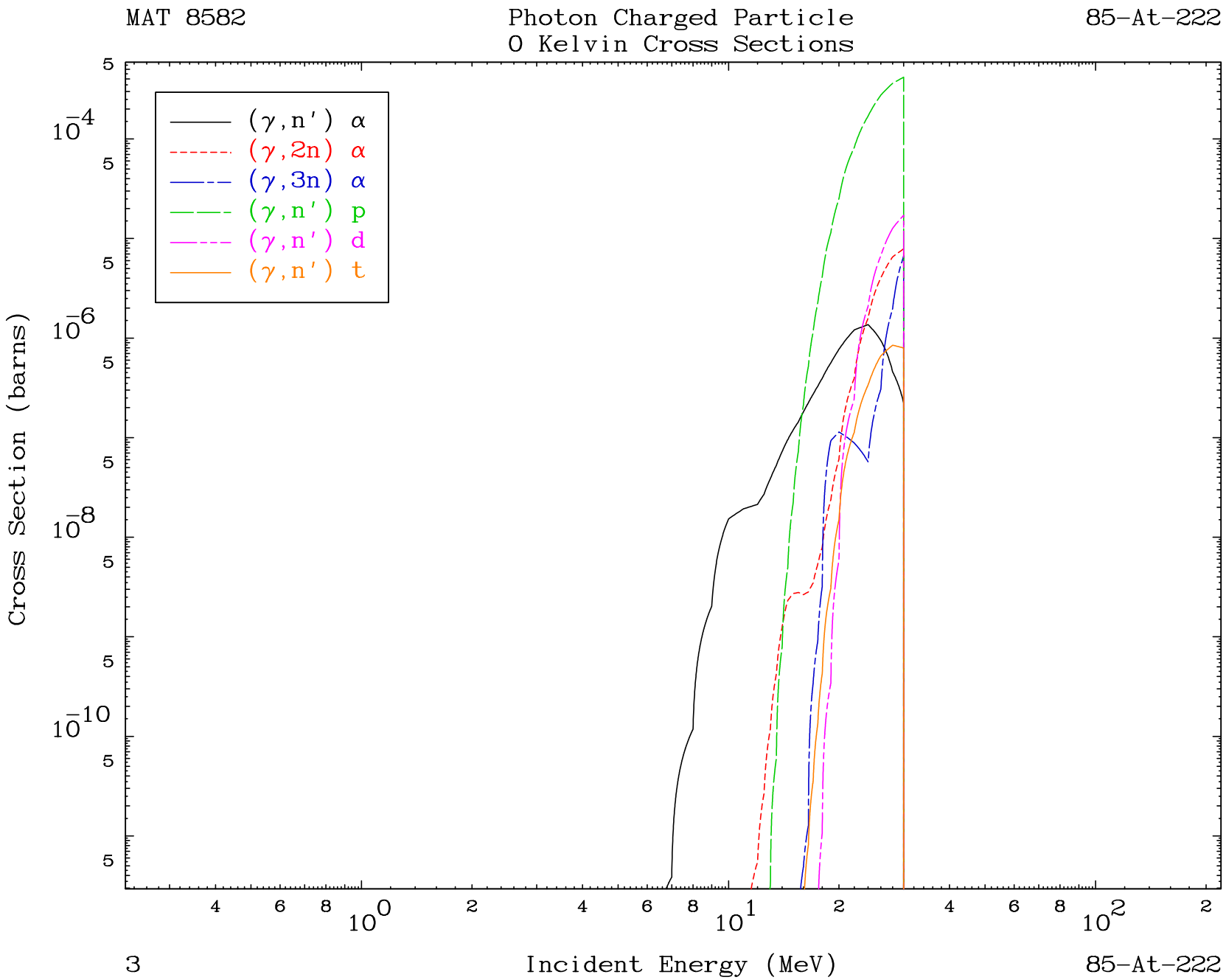
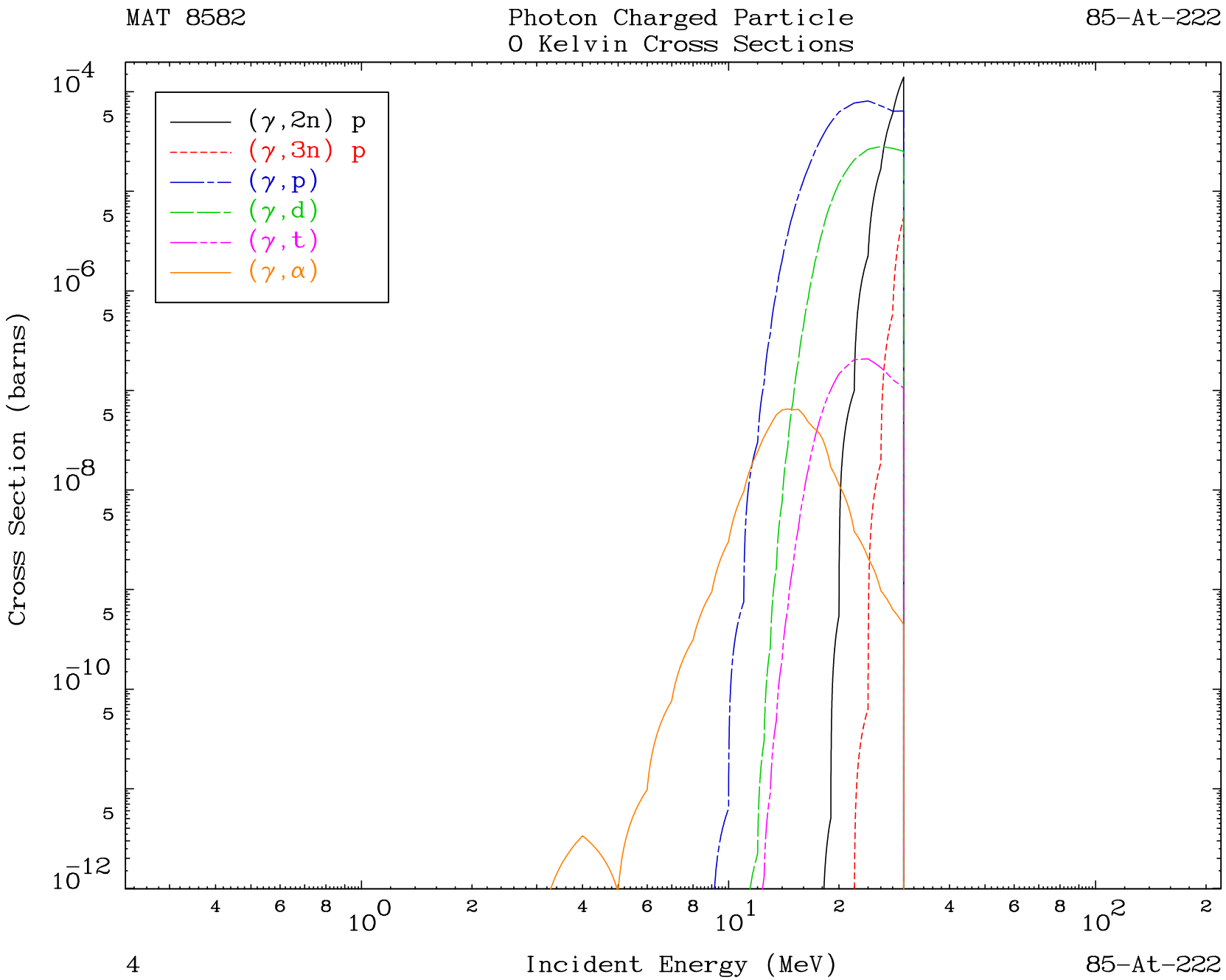
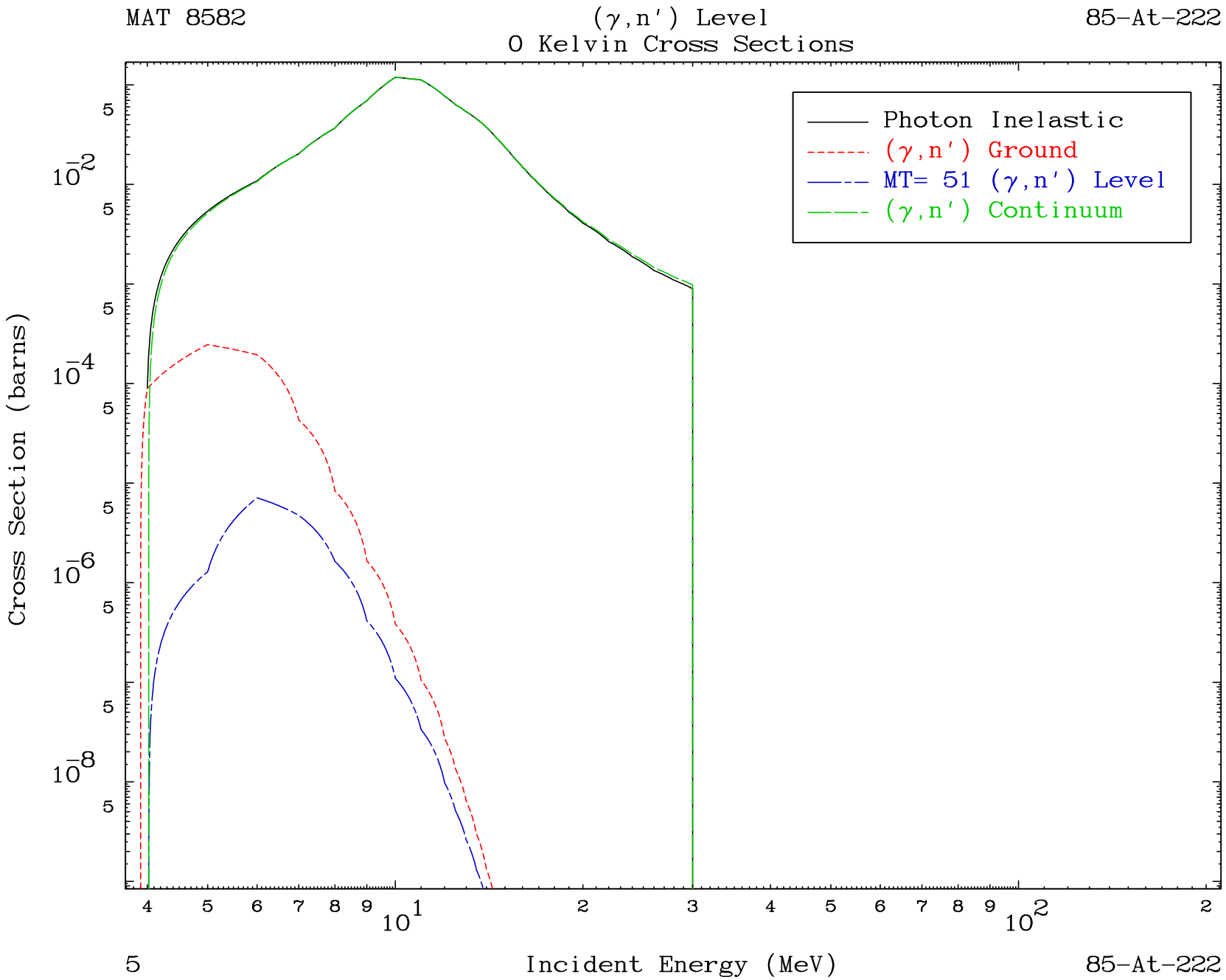
Press Mouse Button to Start

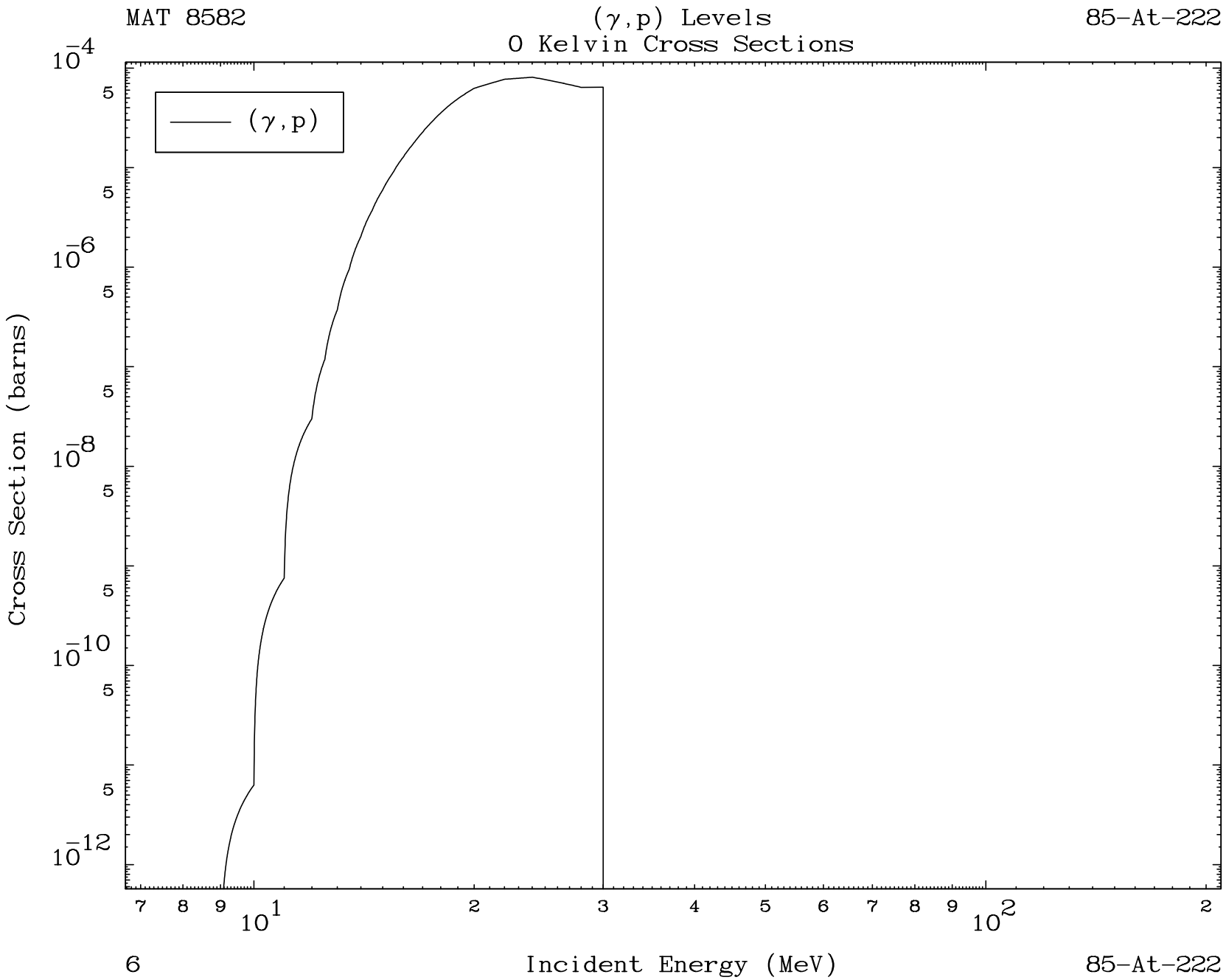

MAT 8582
Photon Major
85-At-222
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-222
1

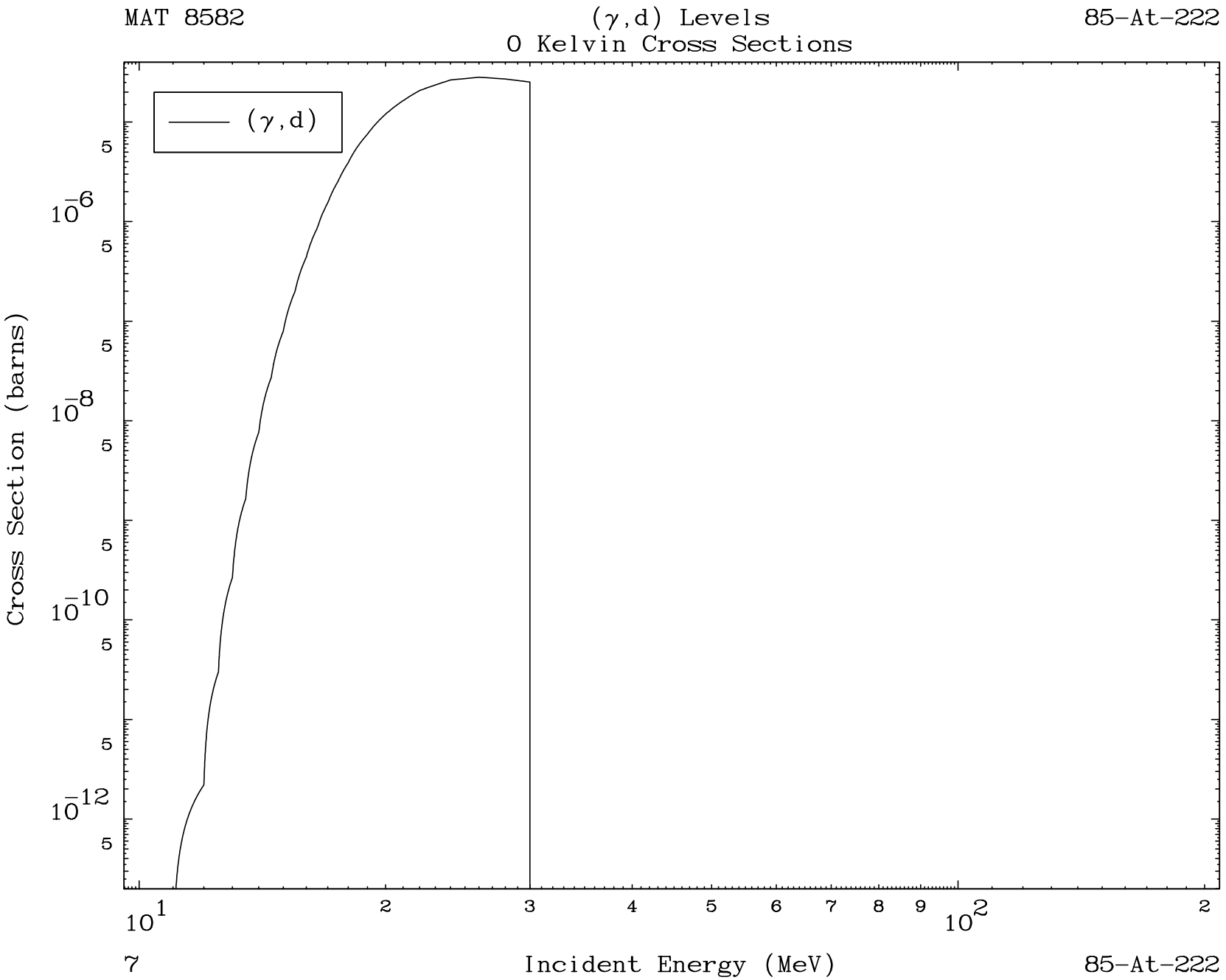

MAT 8582
Photon Neutron Production
0 Kelvin Cross Sections
85-At-222
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p
(γ,3n) p
Cross Section (barns)
Incident Energy (MeV)
85-At-222

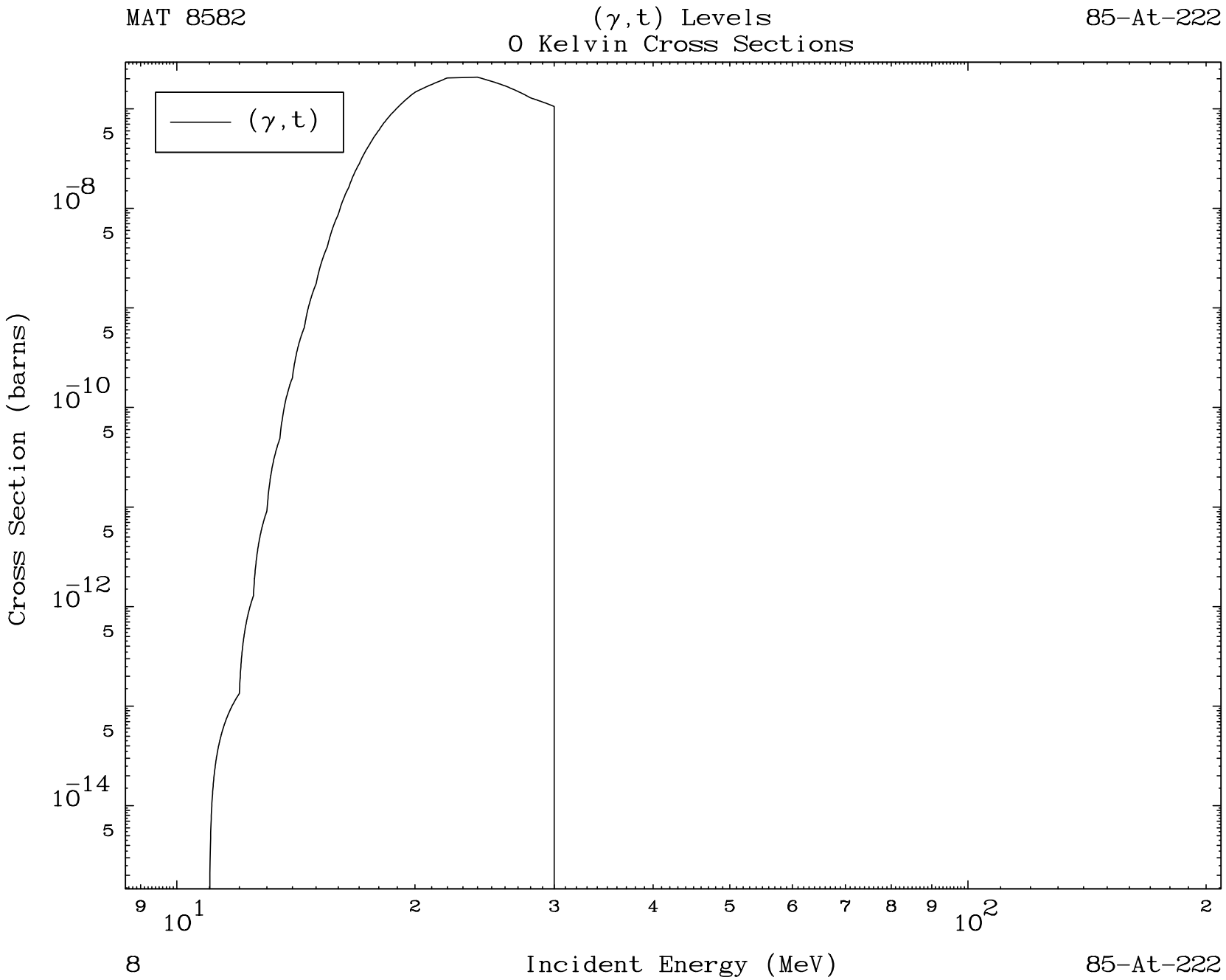

MAT 8582
Photon Charged Particle
0 Kelvin Cross Sections
85-At-222
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') d
(γ,n') t
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
3
85-At-222

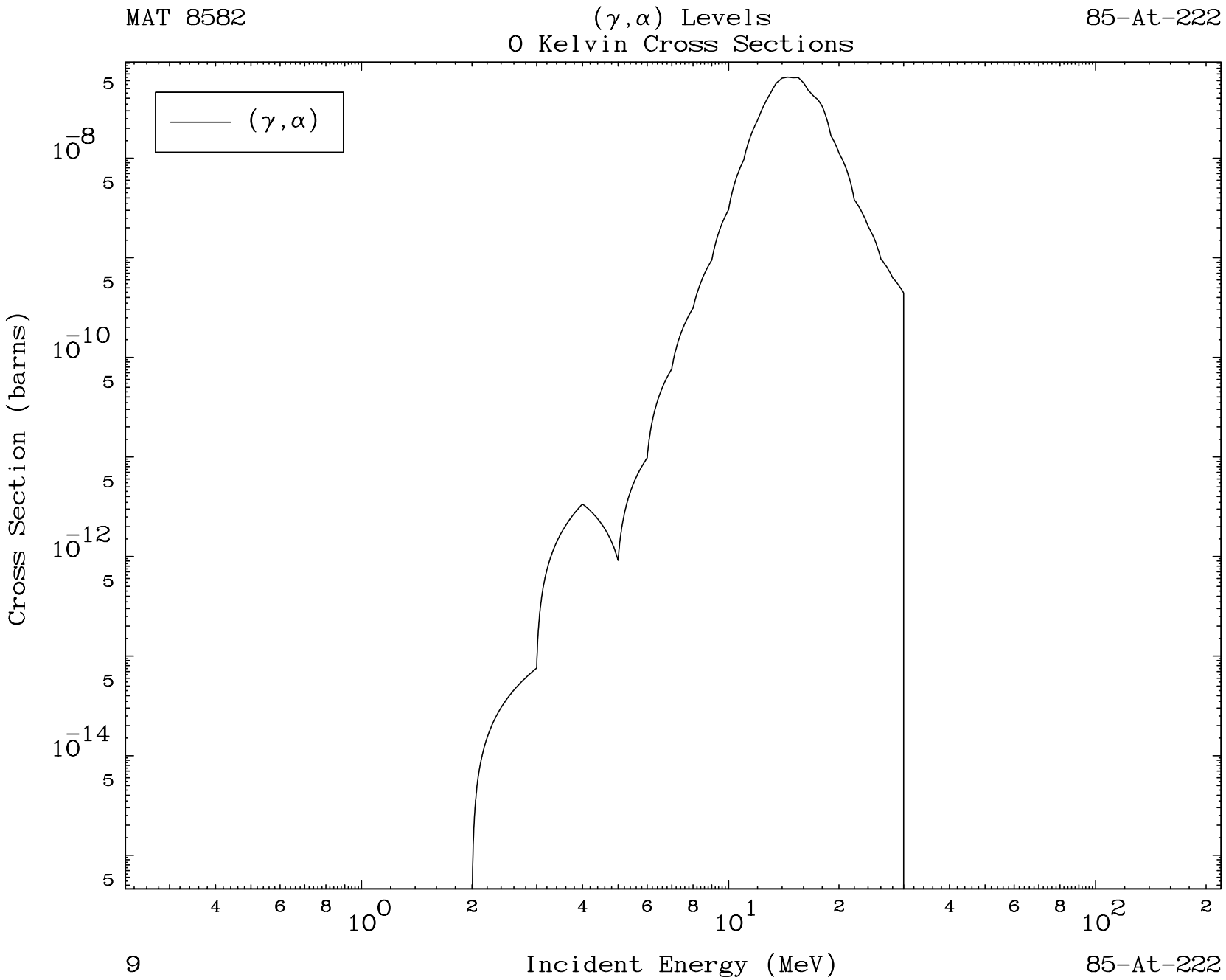

MAT 8582
Photon Charged Particle
0 Kelvin Cross Sections
85-At-222
(γ,2n) p
(γ,3n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
4
85-At-222

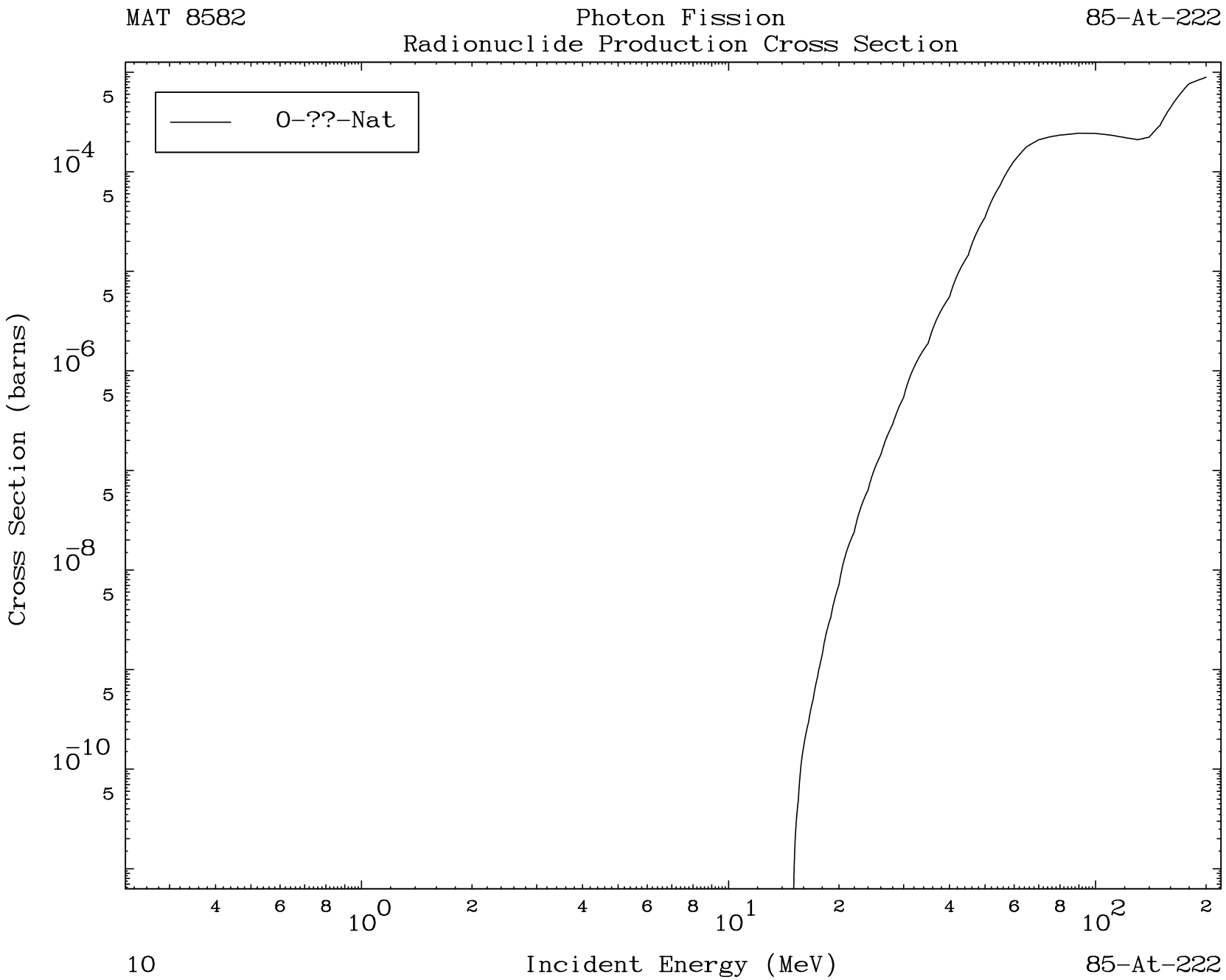

MAT 8582
(γ,n') Level
85-At-222
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
5
85-At-222

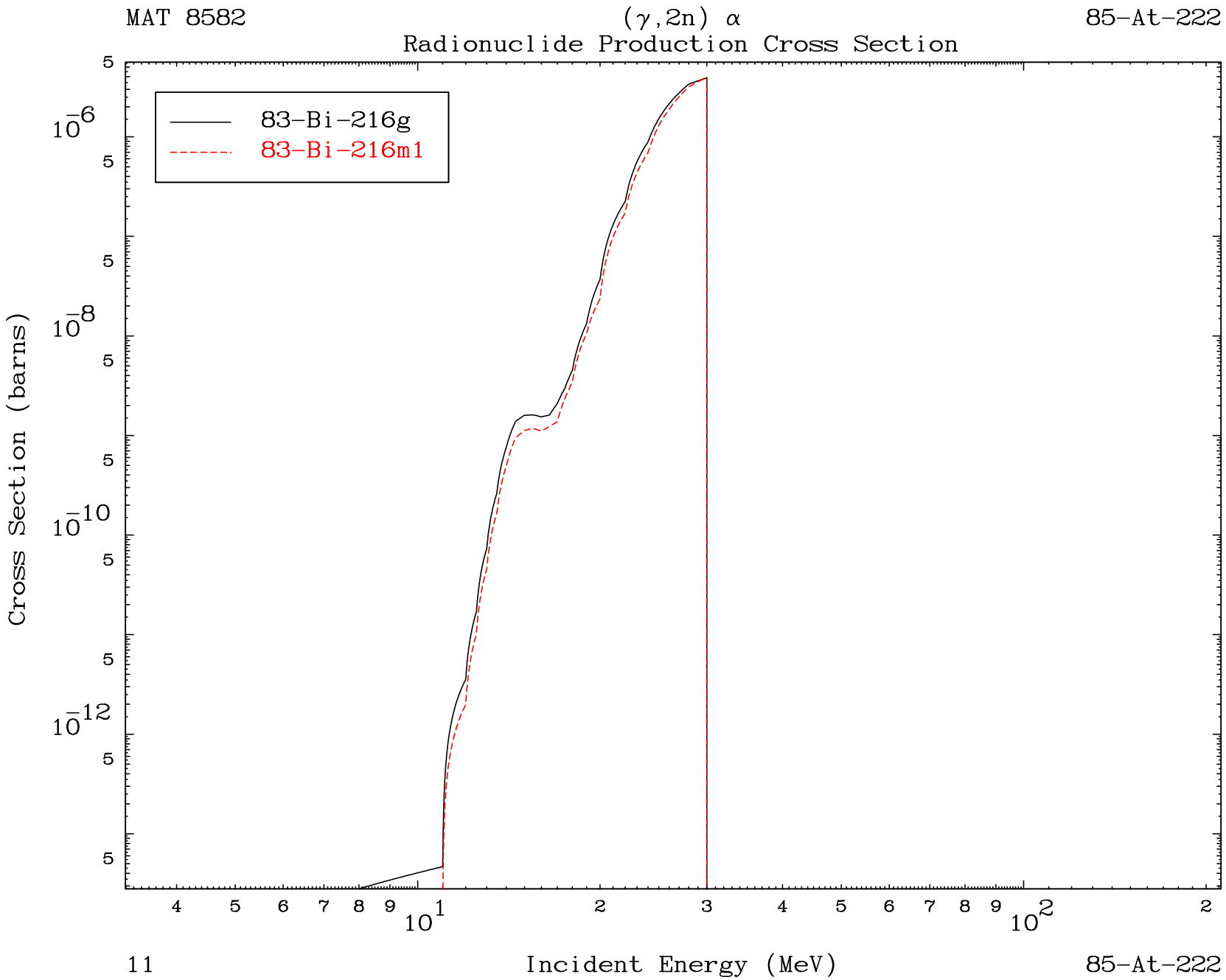

MAT 8582
(γ,p) Levels
85-At-222
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
6
85-At-222

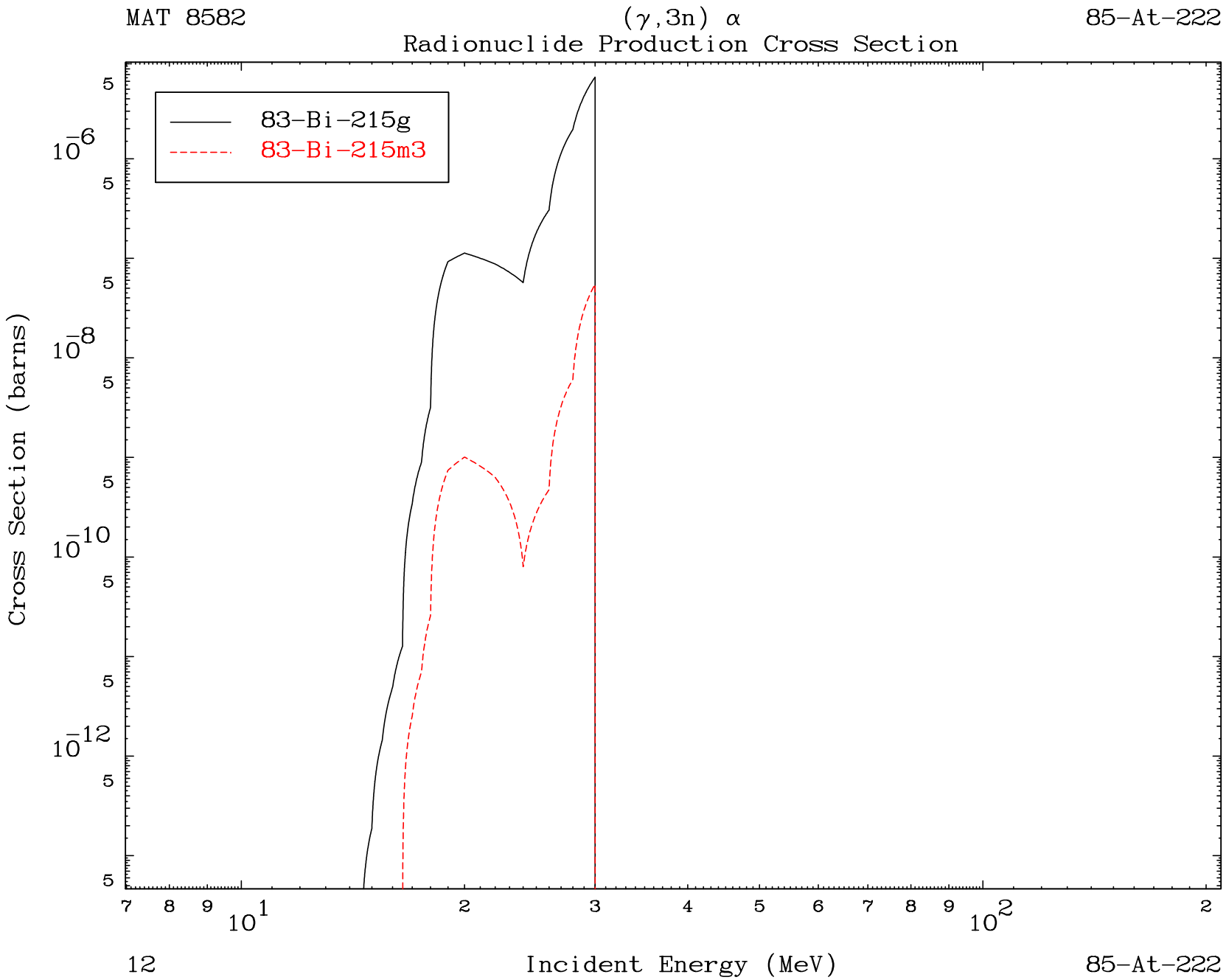

MAT 8582
(γ,d) Levels
85-At-222
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
7
85-At-222


MAT 8582
(γ,t) Levels
85-At-222
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-222


MAT 8582
(γ,α) Levels
85-At-222
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
9
85-At-222


MAT 8582
Photon Fission
85-At-222
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
85-At-222


MAT 8582
(γ,2n) α
85-At-222
Radionuclide Production Cross Section
83-Bi-216g
83-Bi-216m1
Cross Section (barns)
Incident Energy (MeV)
11
85-At-222


MAT 8582
(γ,3n) α
85-At-222
Radionuclide Production Cross Section
83-Bi-215g
83-Bi-215m3
Cross Section (barns)
Incident Energy (MeV)
12
85-At-222