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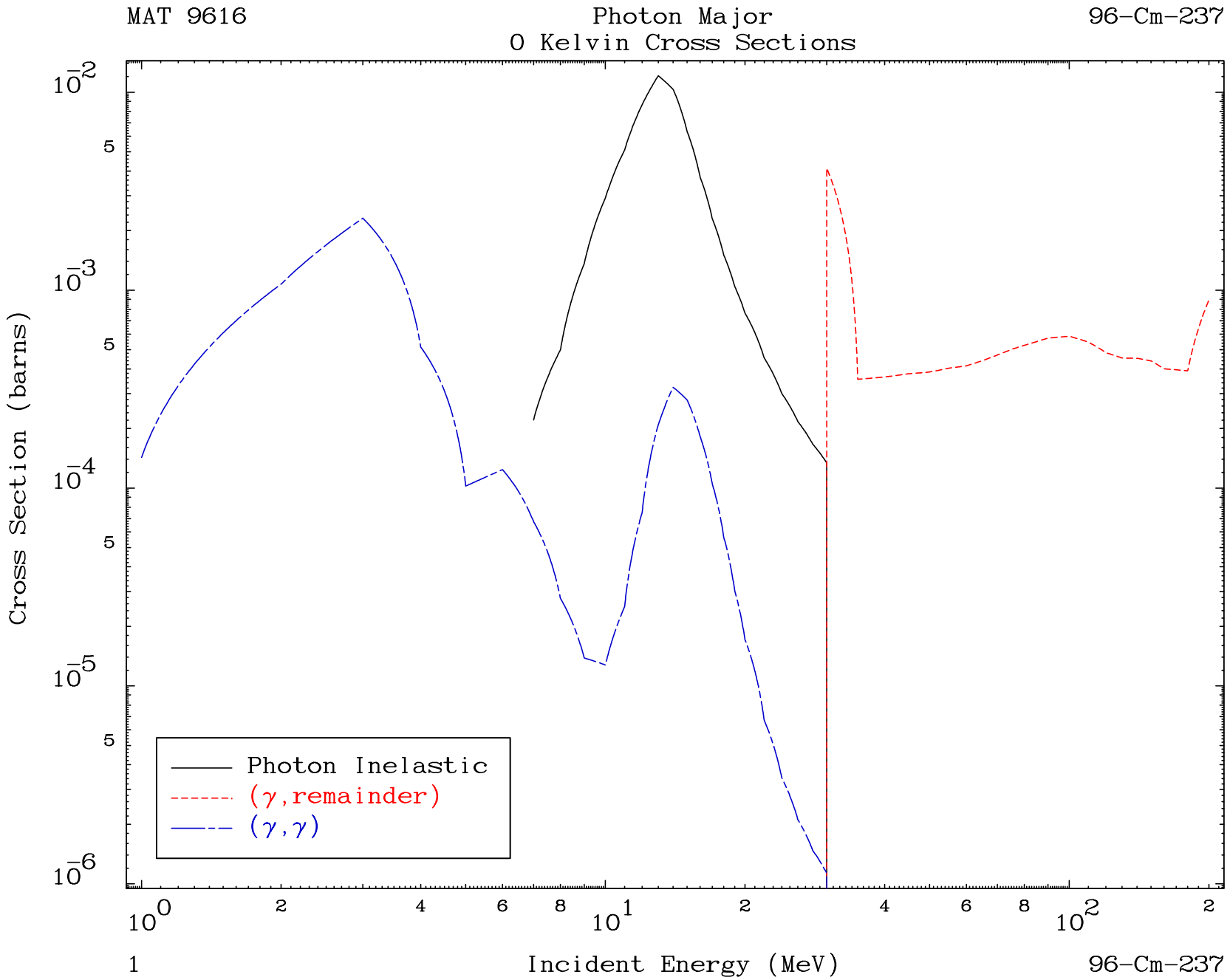
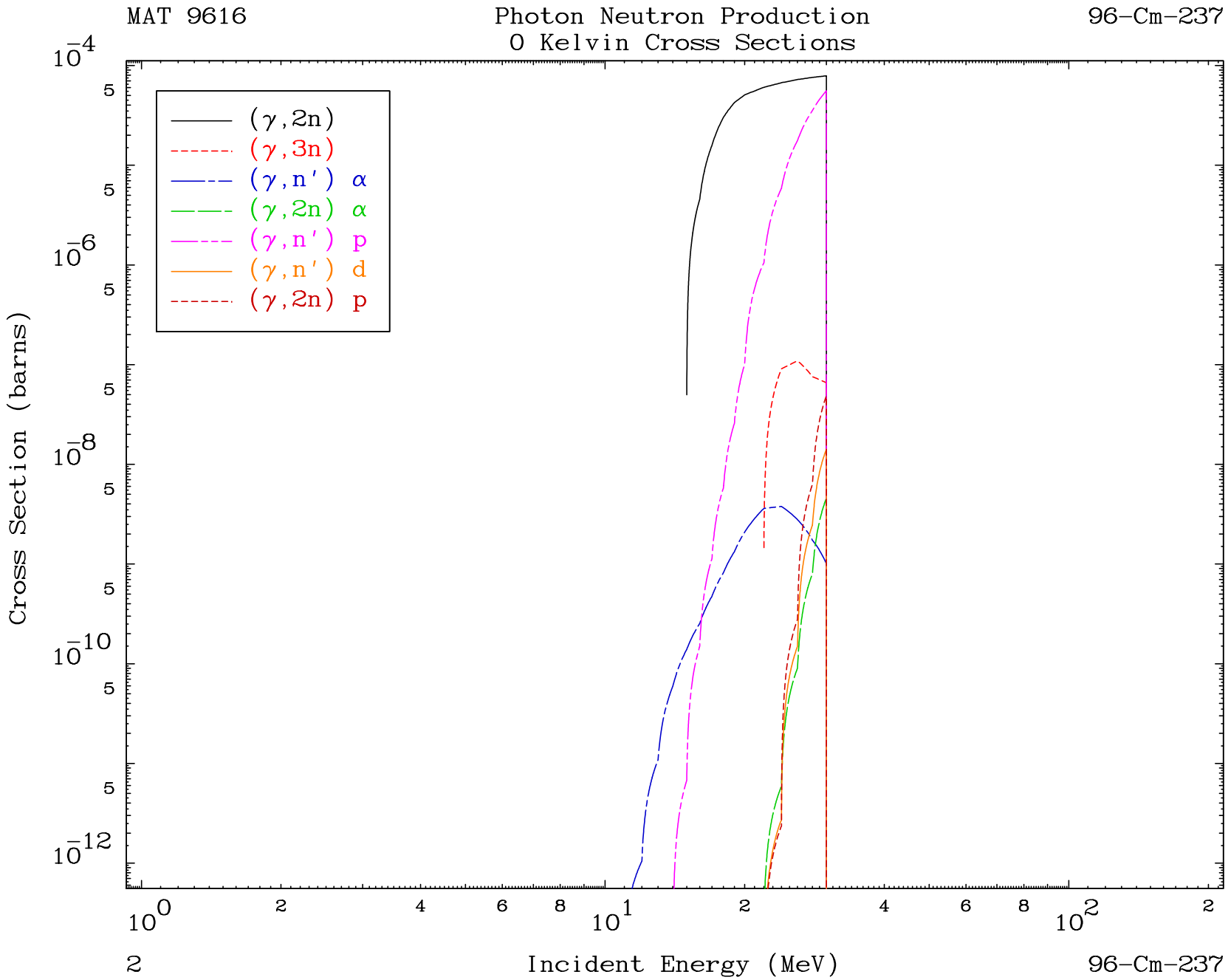
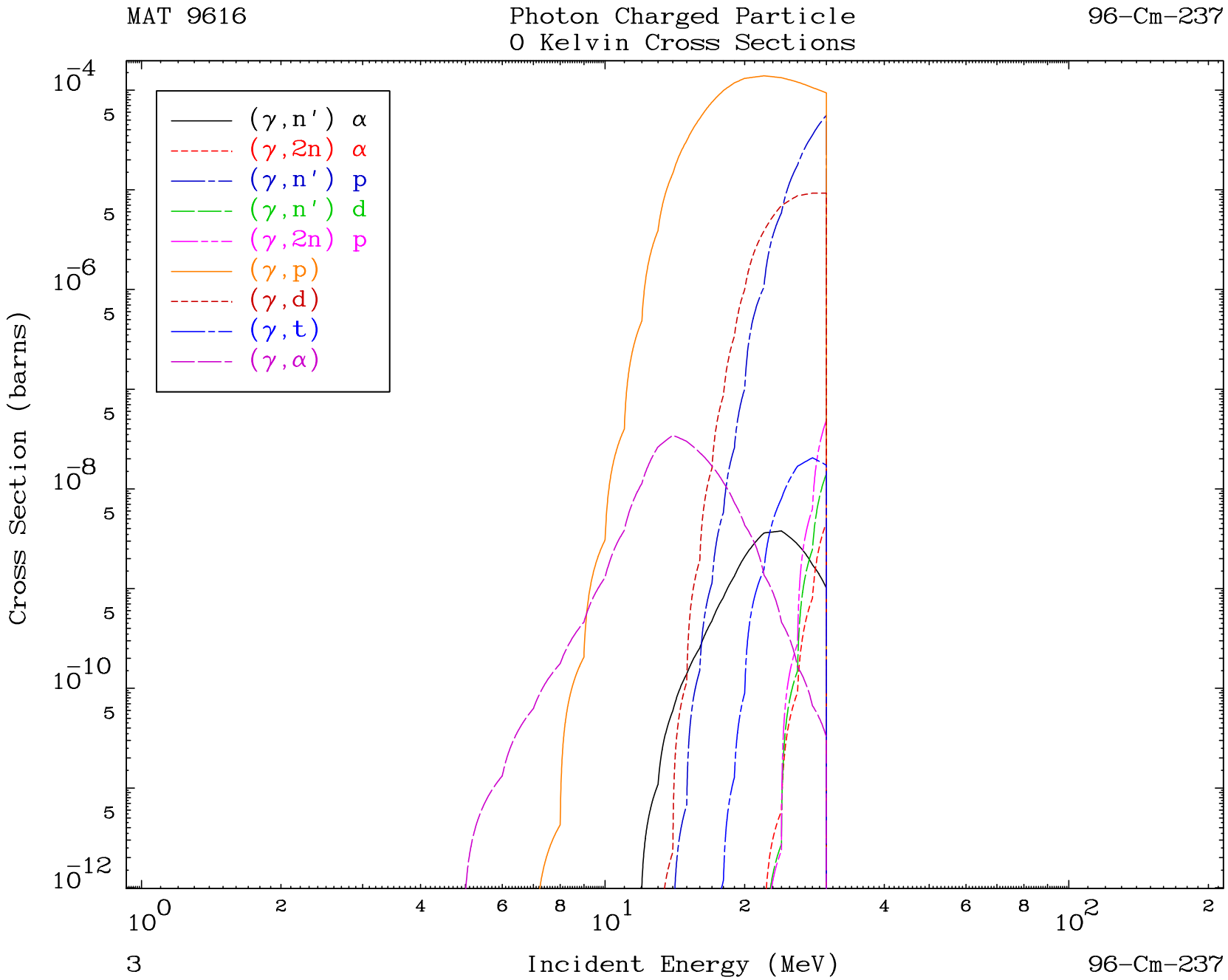
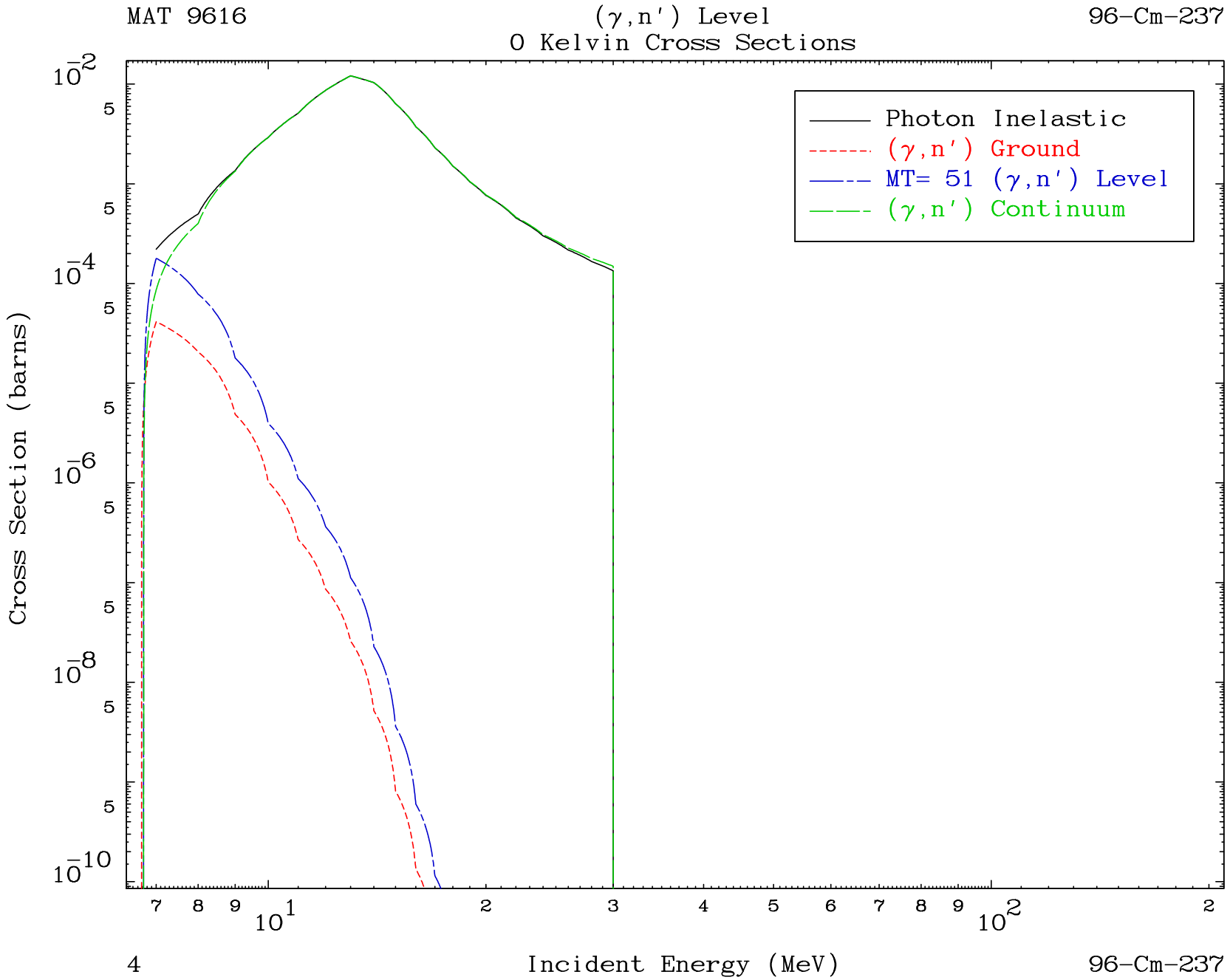
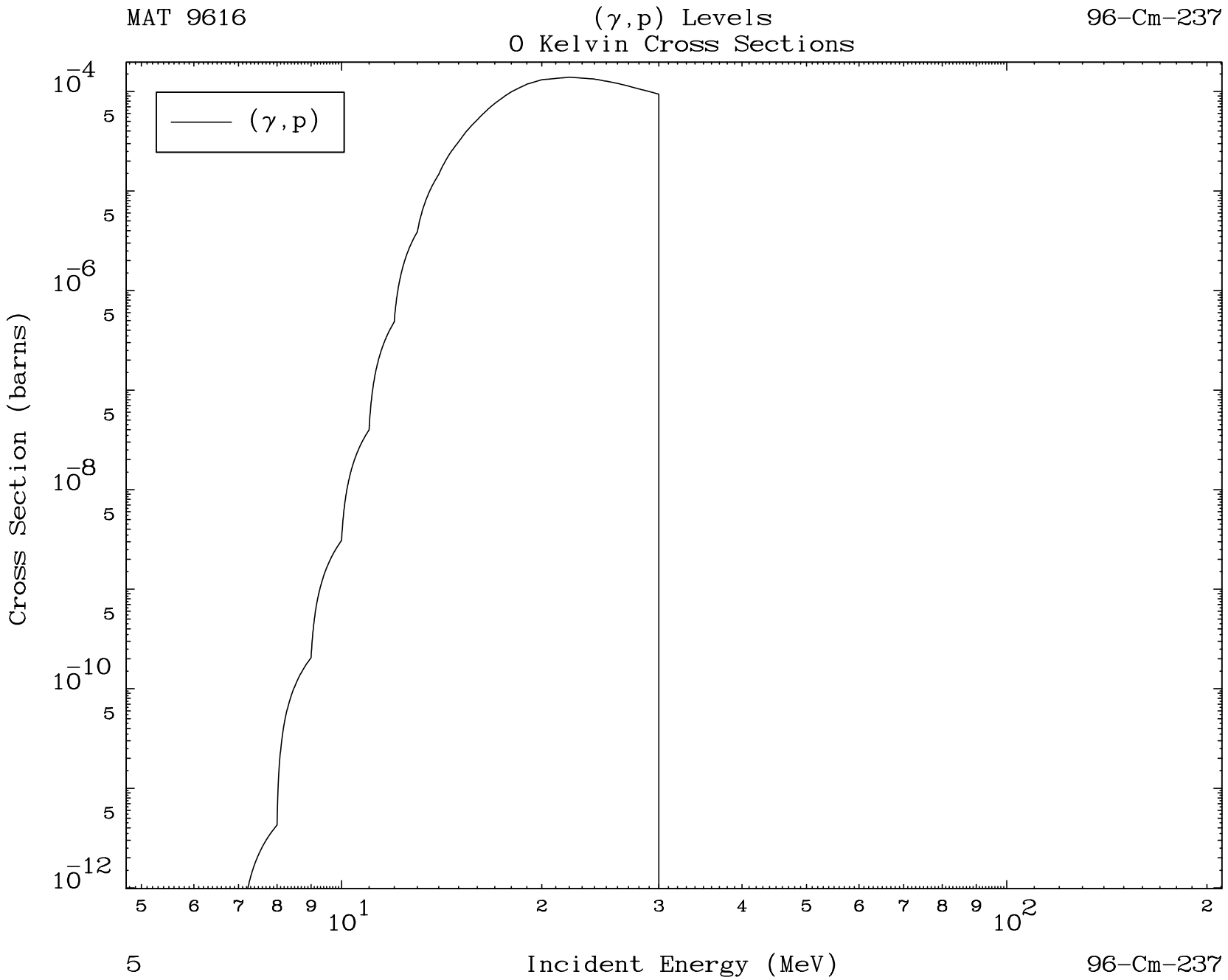
Press Mouse Button to Start

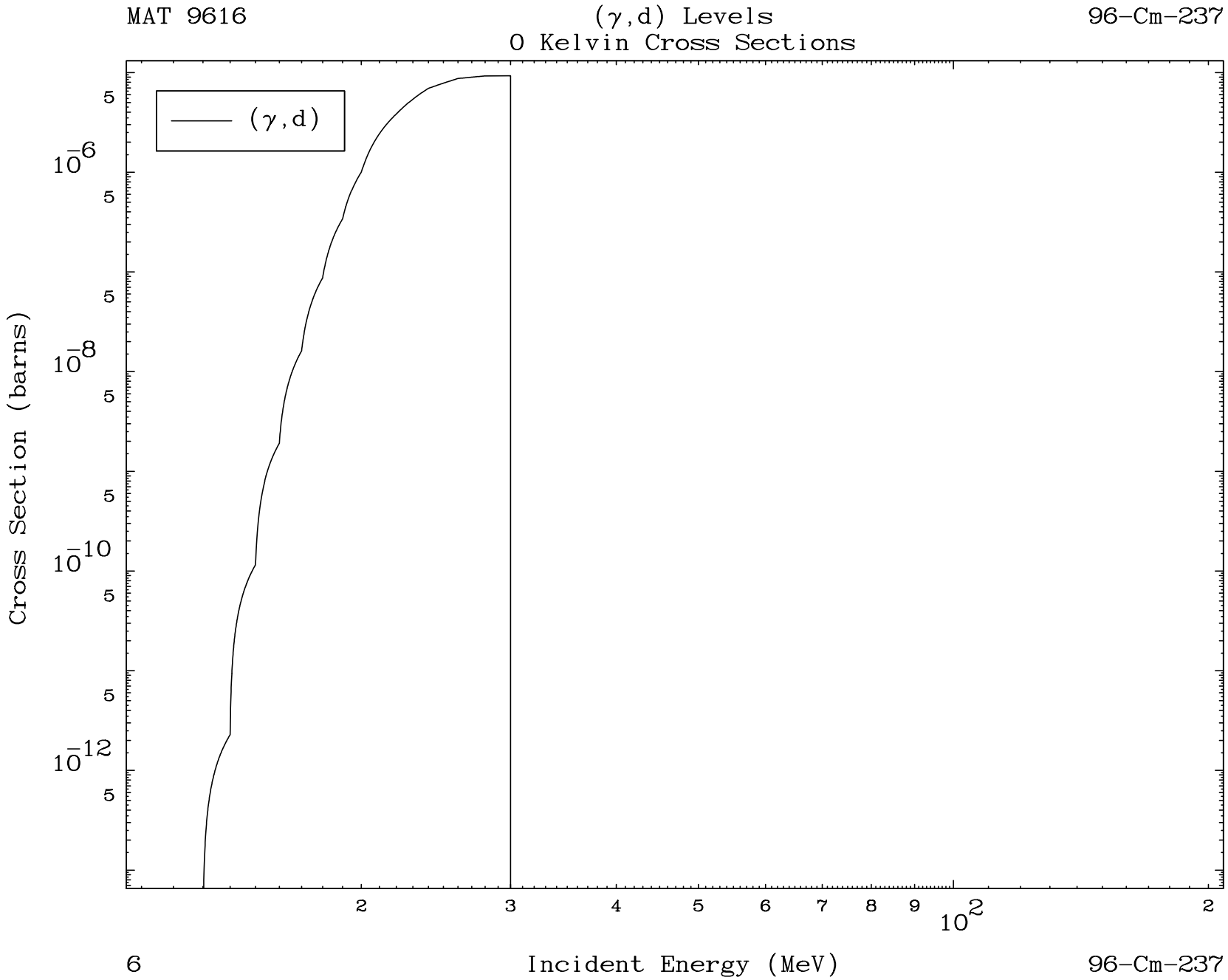

MAT 9616
Photon Major
96-Cm-237
0 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
96-Cm-237
Photon Inelastic
(γ,remainder)
(γ,γ)

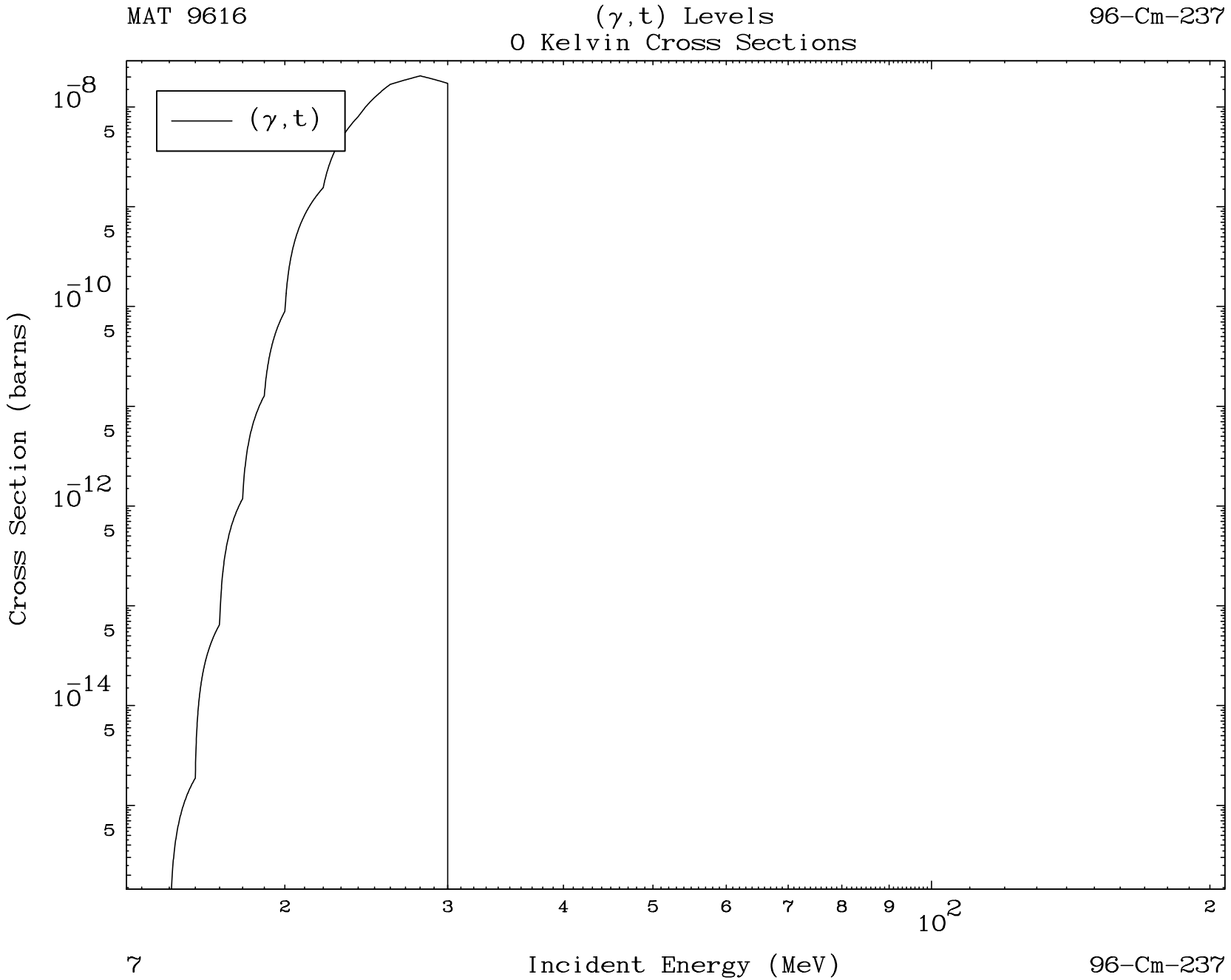

MAT 9616
Photon Neutron Production
0 Kelvin Cross Sections
96-Cm-237
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
96-Cm-237

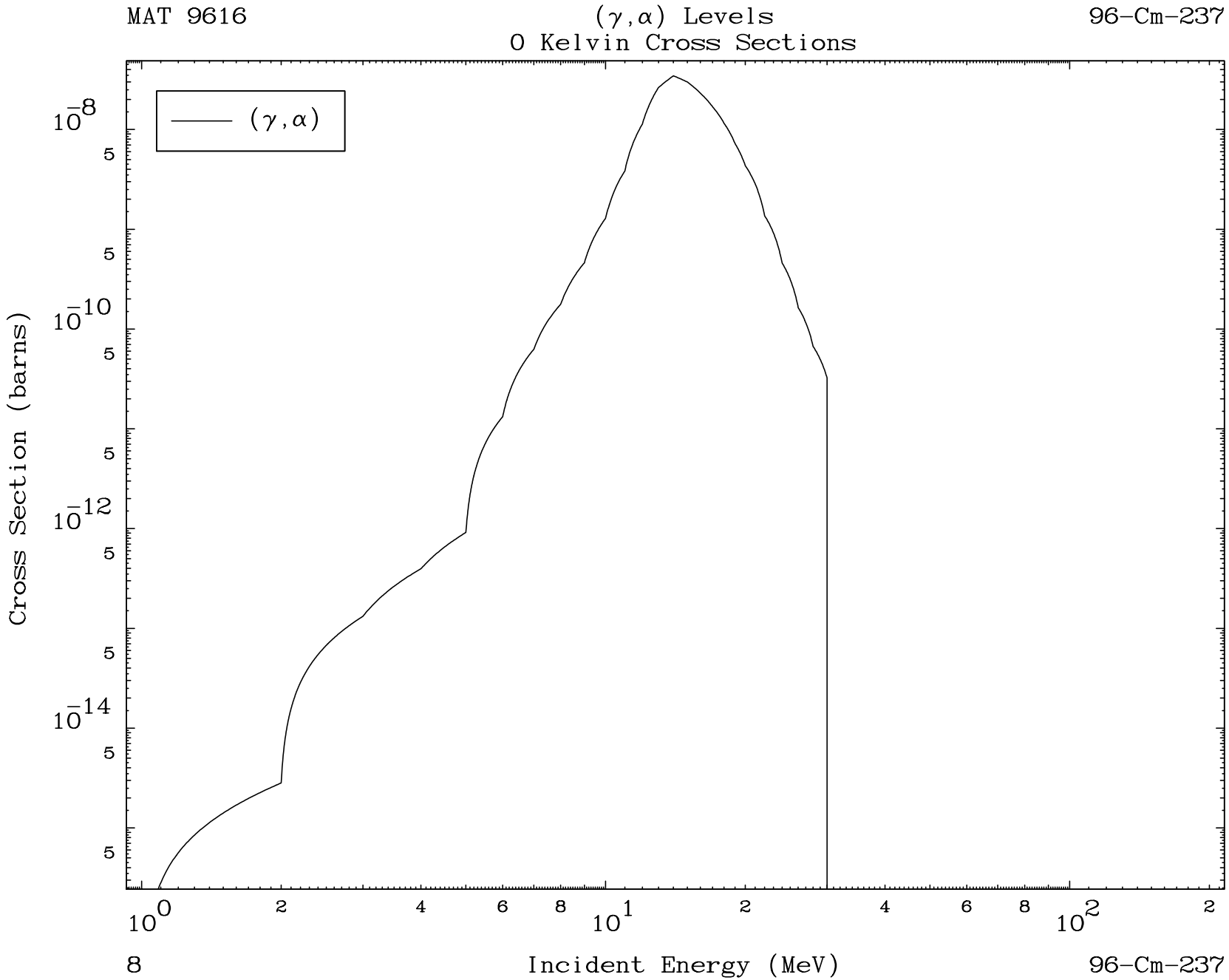

MAT 9616
Photon Charged Particle
0 Kelvin Cross Sections
96-Cm-237
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
96-Cm-237

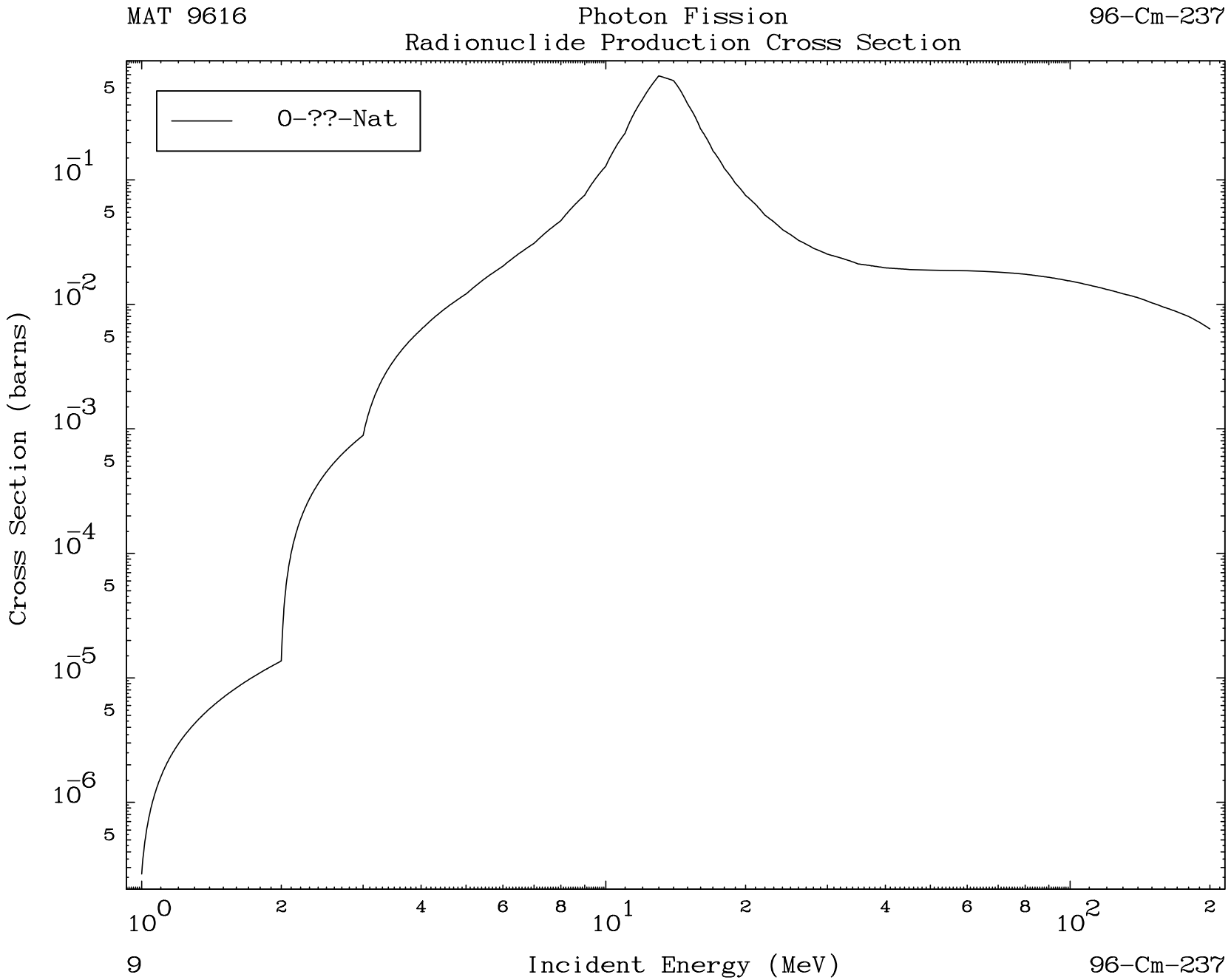

MAT 9616
(γ,n') Level
96-Cm-237
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
96-Cm-237

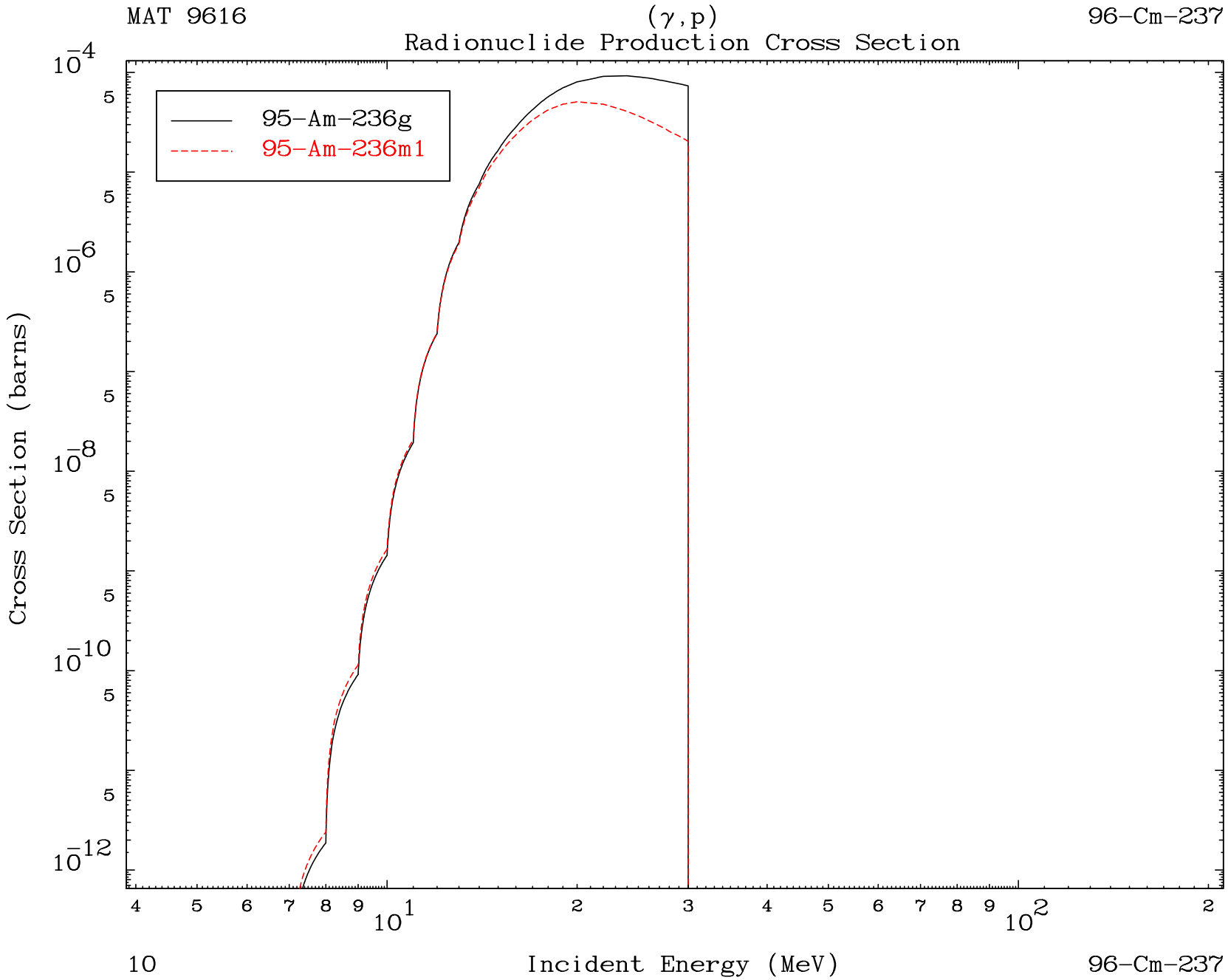

MAT 9616
(γ,p) Levels
96-Cm-237
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
96-Cm-237


MAT 9616
(γ,d) Levels
96-Cm-237
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
Incident Energy (MeV)
6
96-Cm-237


MAT 9616
(γ,t) Levels
96-Cm-237
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)
7
96-Cm-237


MAT 9616
(γ,α) Levels
96-Cm-237
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
100
2
4
6
8
101
102
Incident Energy (MeV)
8
96-Cm-237


MAT 9616
Photon Fission
96-Cm-237
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
96-Cm-237


MAT 9616
(γ,p)
96-Cm-237
Radionuclide Production Cross Section
95-Am-236g
95-Am-236m1
Cross Section (barns)
Incident Energy (MeV)
96-Cm-237