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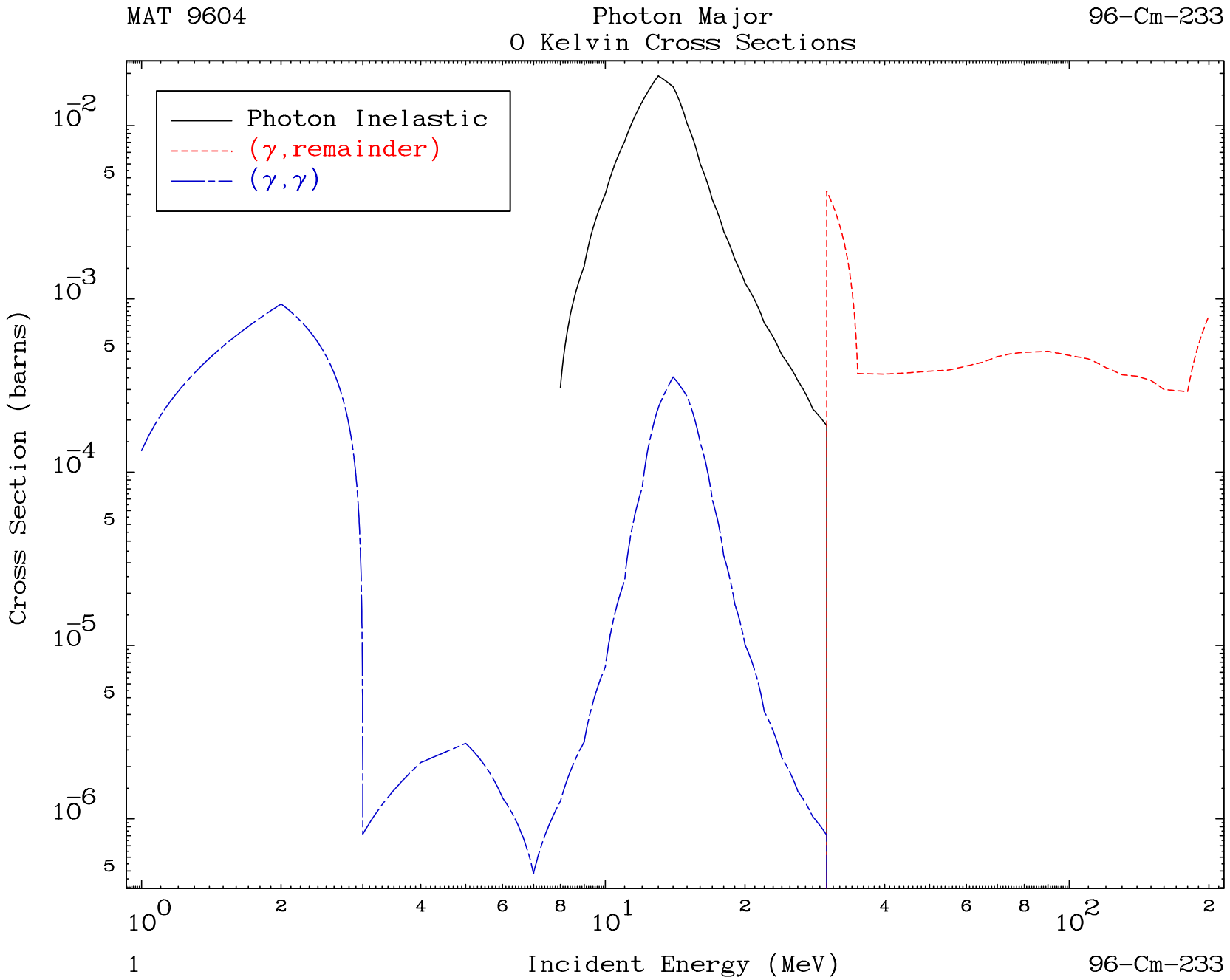
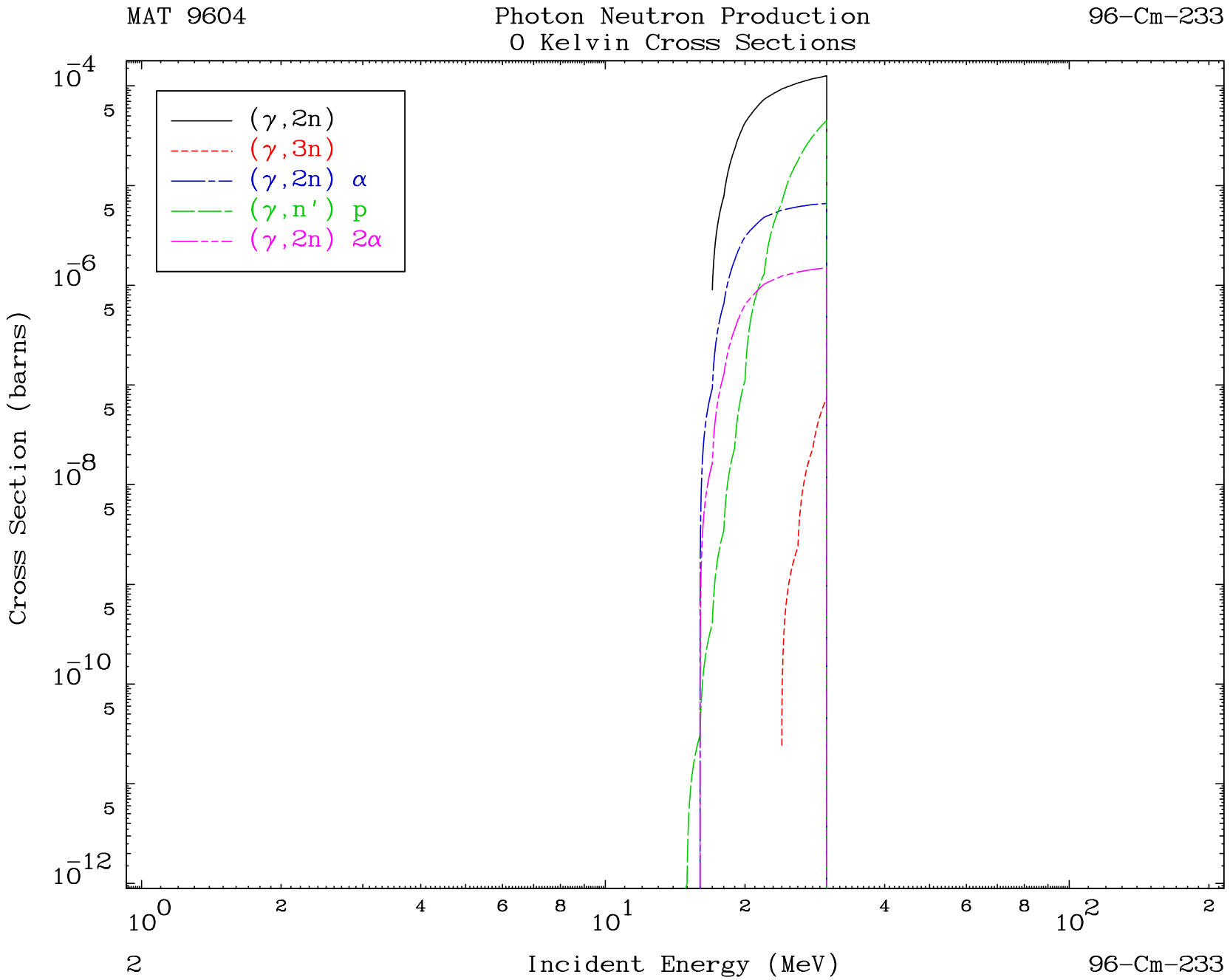
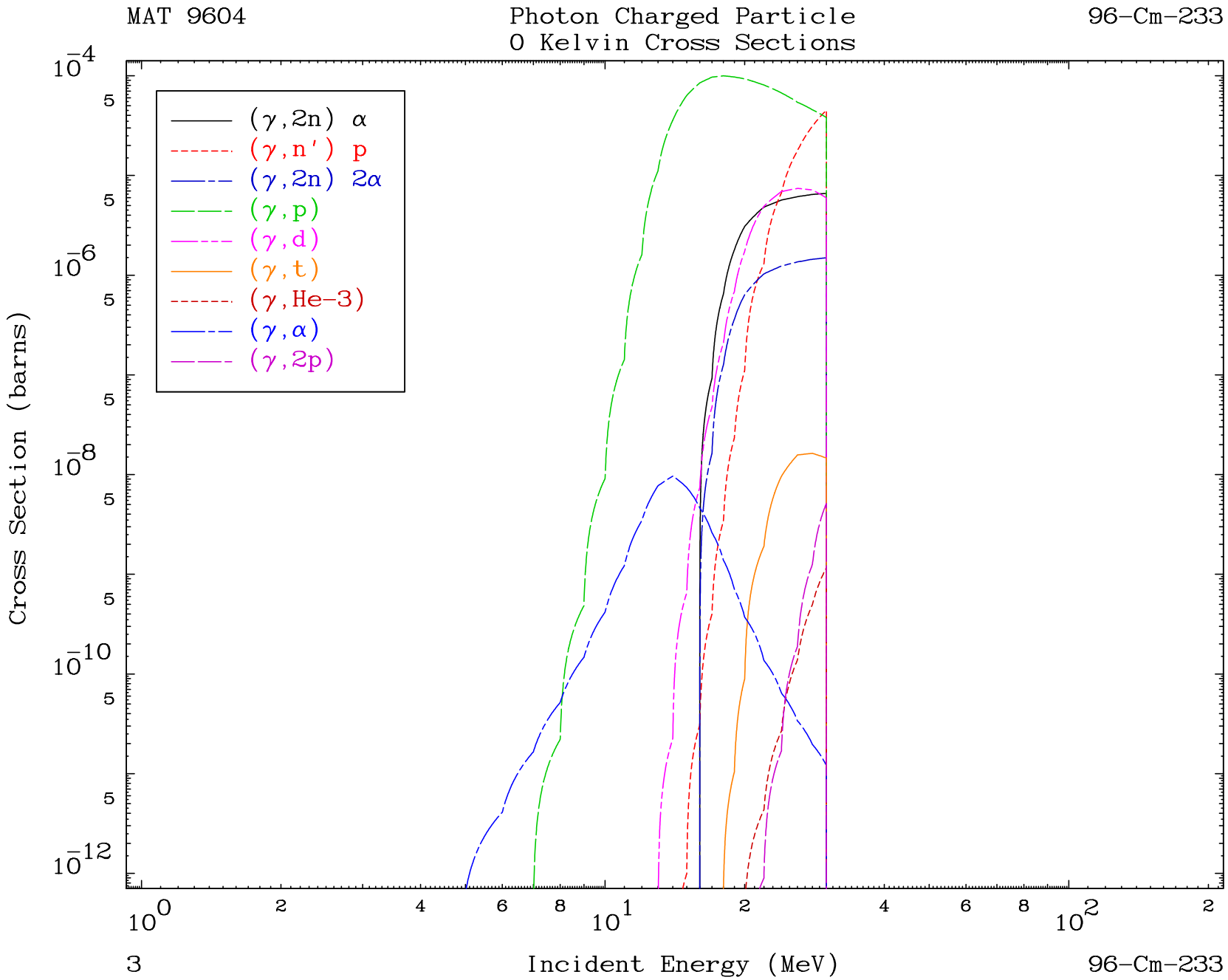
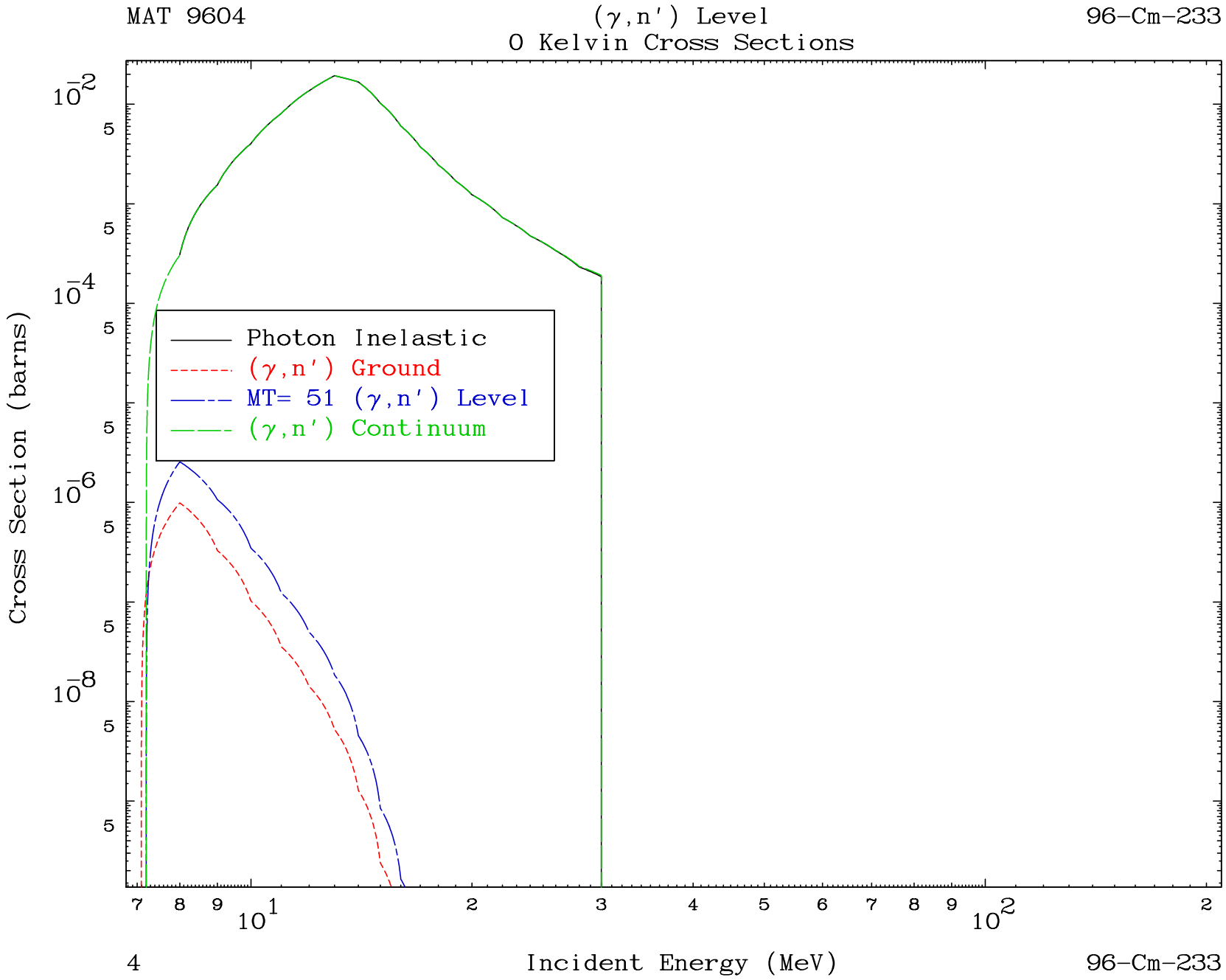
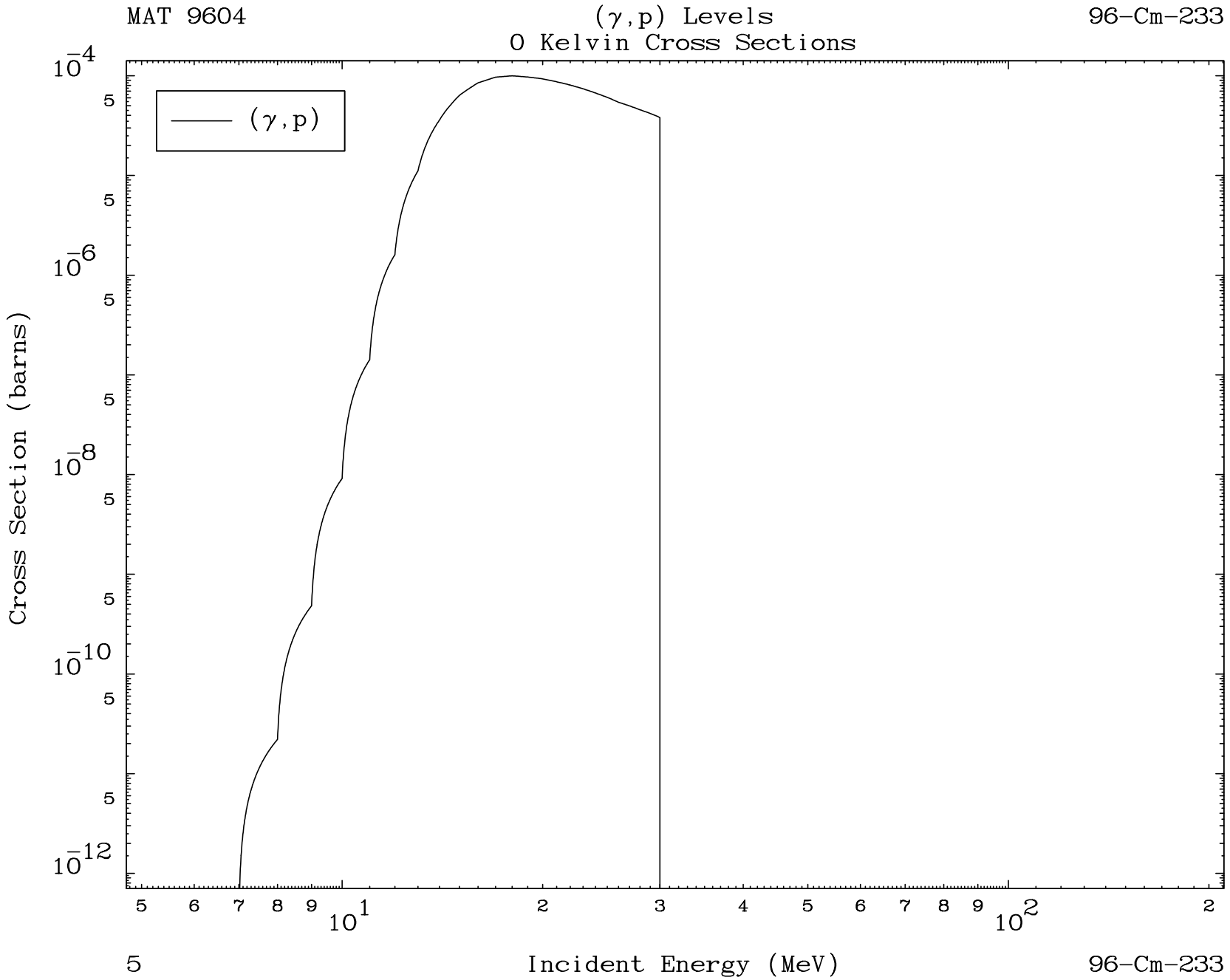
Press Mouse Button to Start

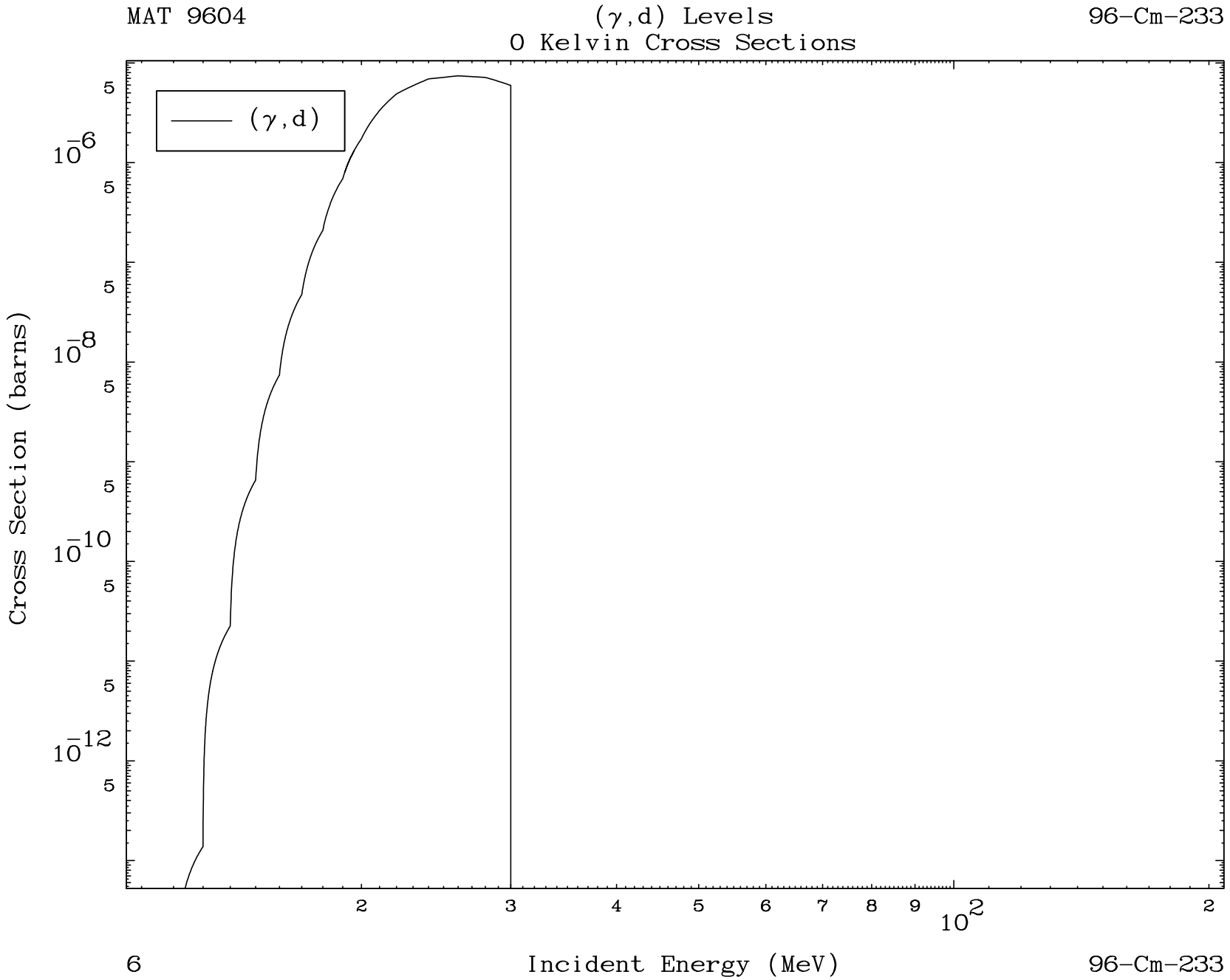

MAT 9604
Photon Major
96-Cm-233
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
96-Cm-233

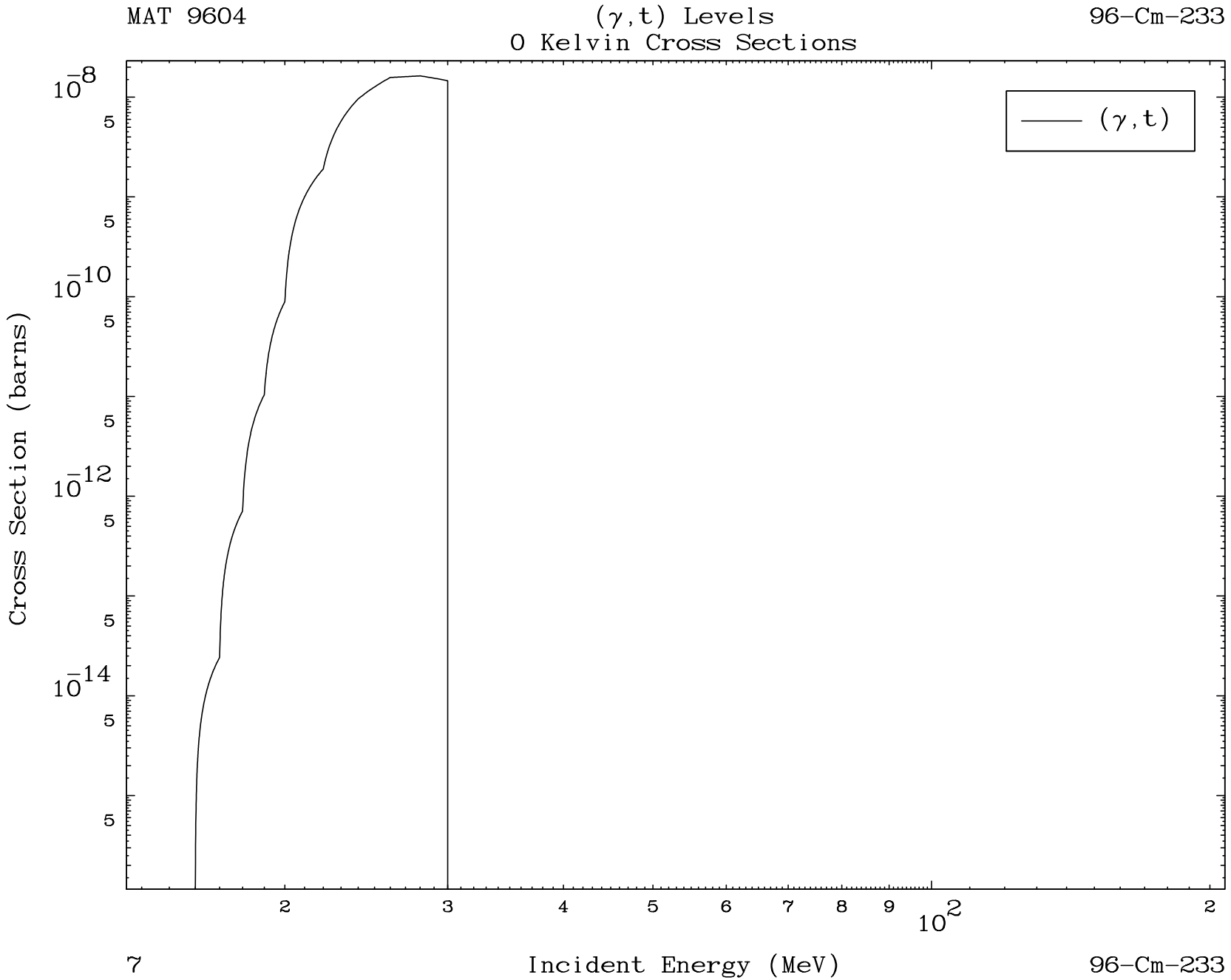

MAT 9604
Photon Neutron Production
0 Kelvin Cross Sections
96-Cm-233
(γ,2n)
(γ,3n)
(γ,2n) α
(γ,n') p
(γ,2n) 2α
Cross Section (barns)
Incident Energy (MeV)
96-Cm-233

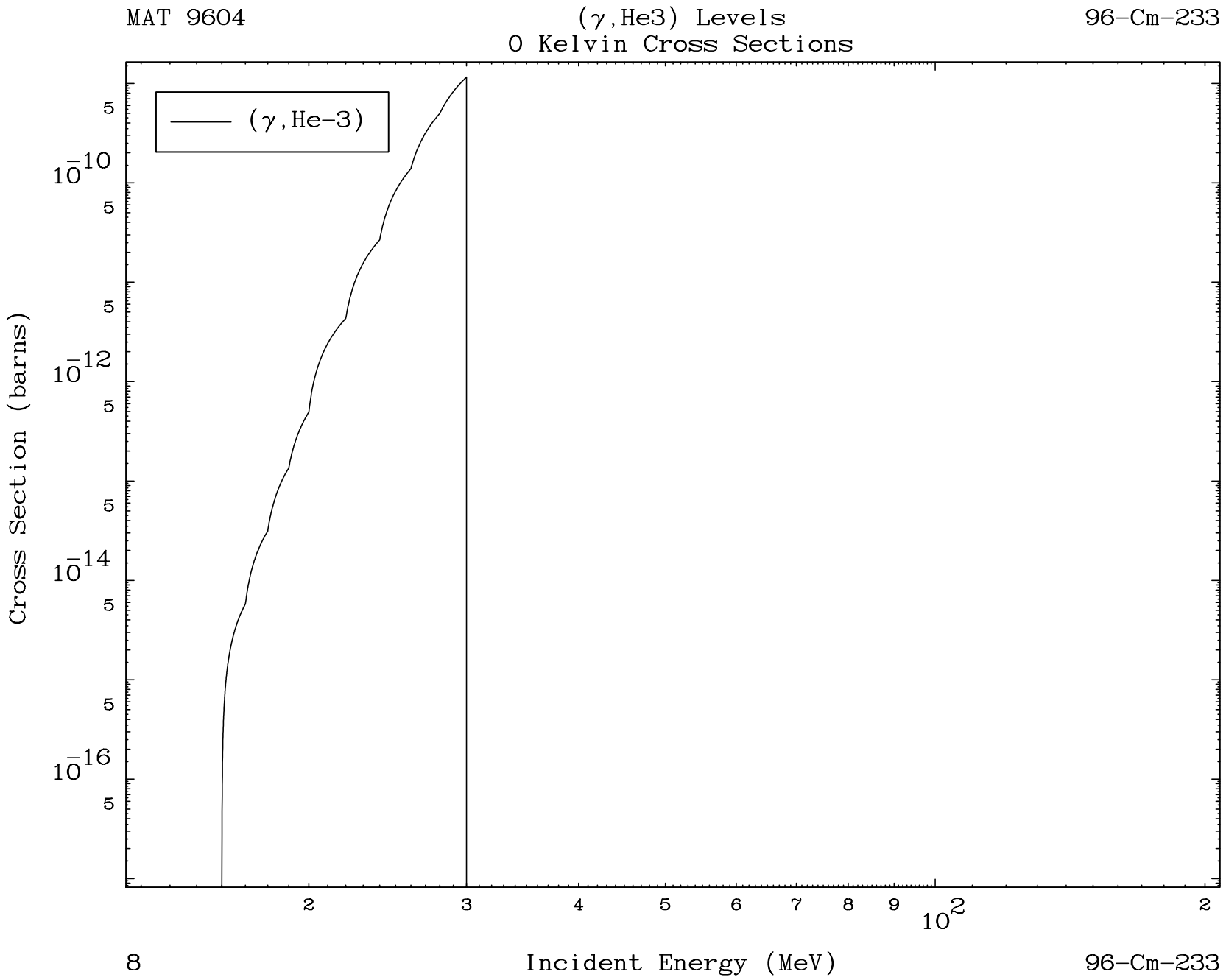

MAT 9604
Photon Charged Particle
0 Kelvin Cross Sections
96-Cm-233
(γ,2n) α
(γ,n') p
(γ,2n) 2α
(γ,p)
(γ,d)
(γ,t)
(γ,He-3)
(γ,α)
(γ,2p)
Cross Section (barns)
Incident Energy (MeV)
3
96-Cm-233

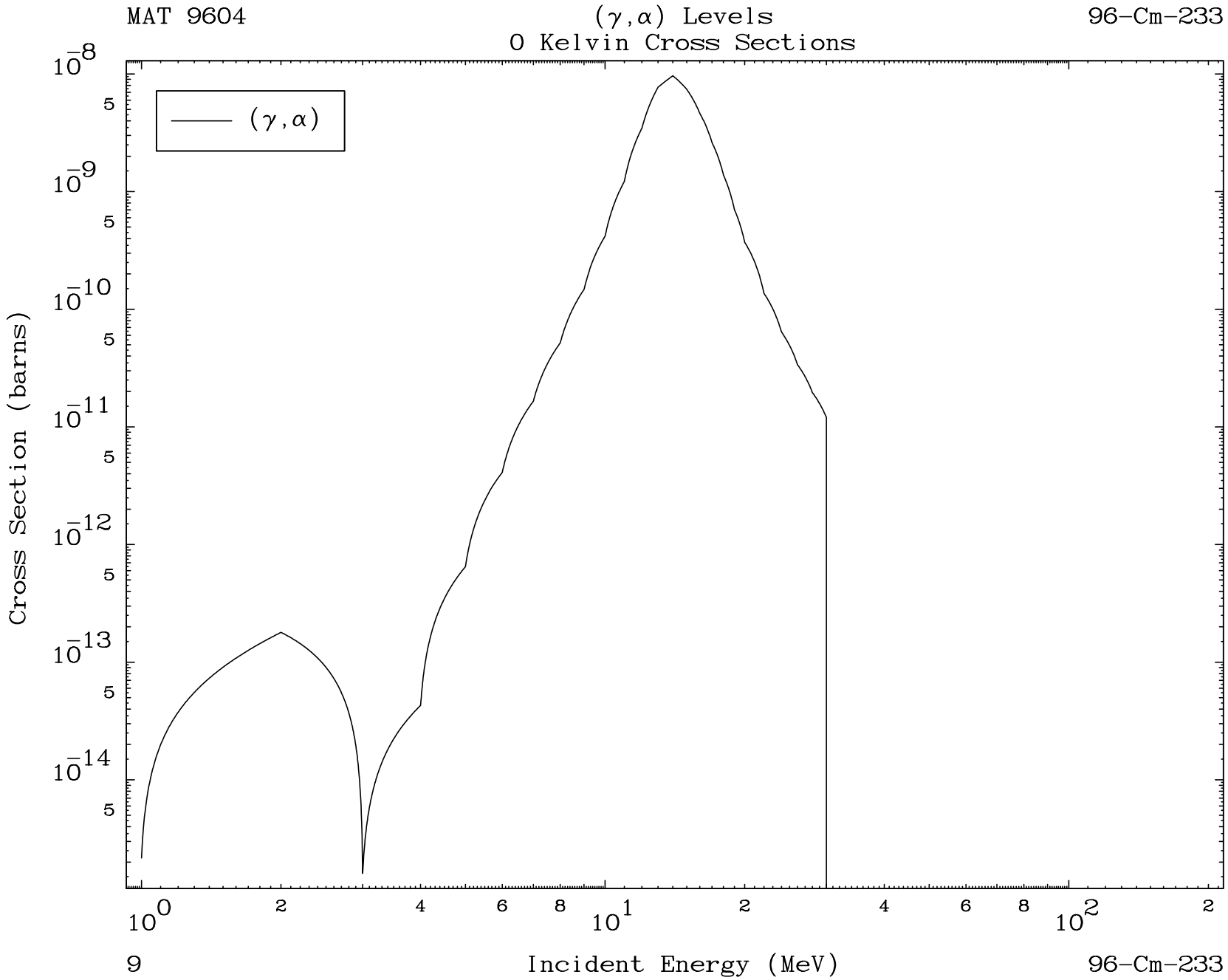

MAT 9604
(γ,n') Level
96-Cm-233
0 Kelvin Cross Sections
Cross Section (barns)
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Incident Energy (MeV)
4
96-Cm-233

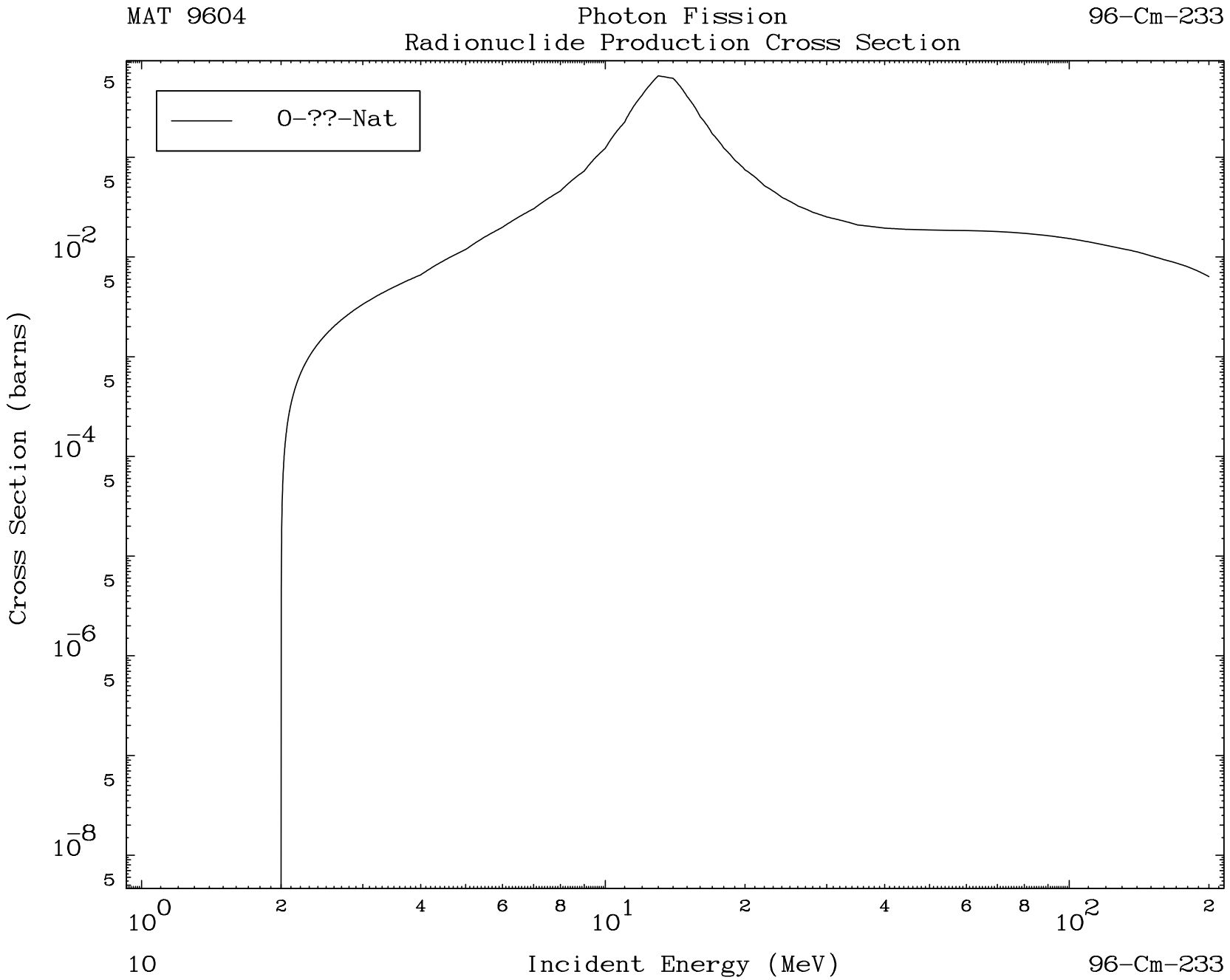

MAT 9604
(γ,p) Levels
96-Cm-233
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
96-Cm-233


MAT 9604
(γ,d) Levels
96-Cm-233
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-233


MAT 9604
(γ,t) Levels
96-Cm-233
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-233


MAT 9604
(γ,He3) Levels
96-Cm-233
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10-10
10-12
10-14
10-16
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
96-Cm-233


MAT 9604
(γ,α) Levels
96-Cm-233
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
96-Cm-233
9


MAT 9604
Photon Fission
96-Cm-233
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
96-Cm-233