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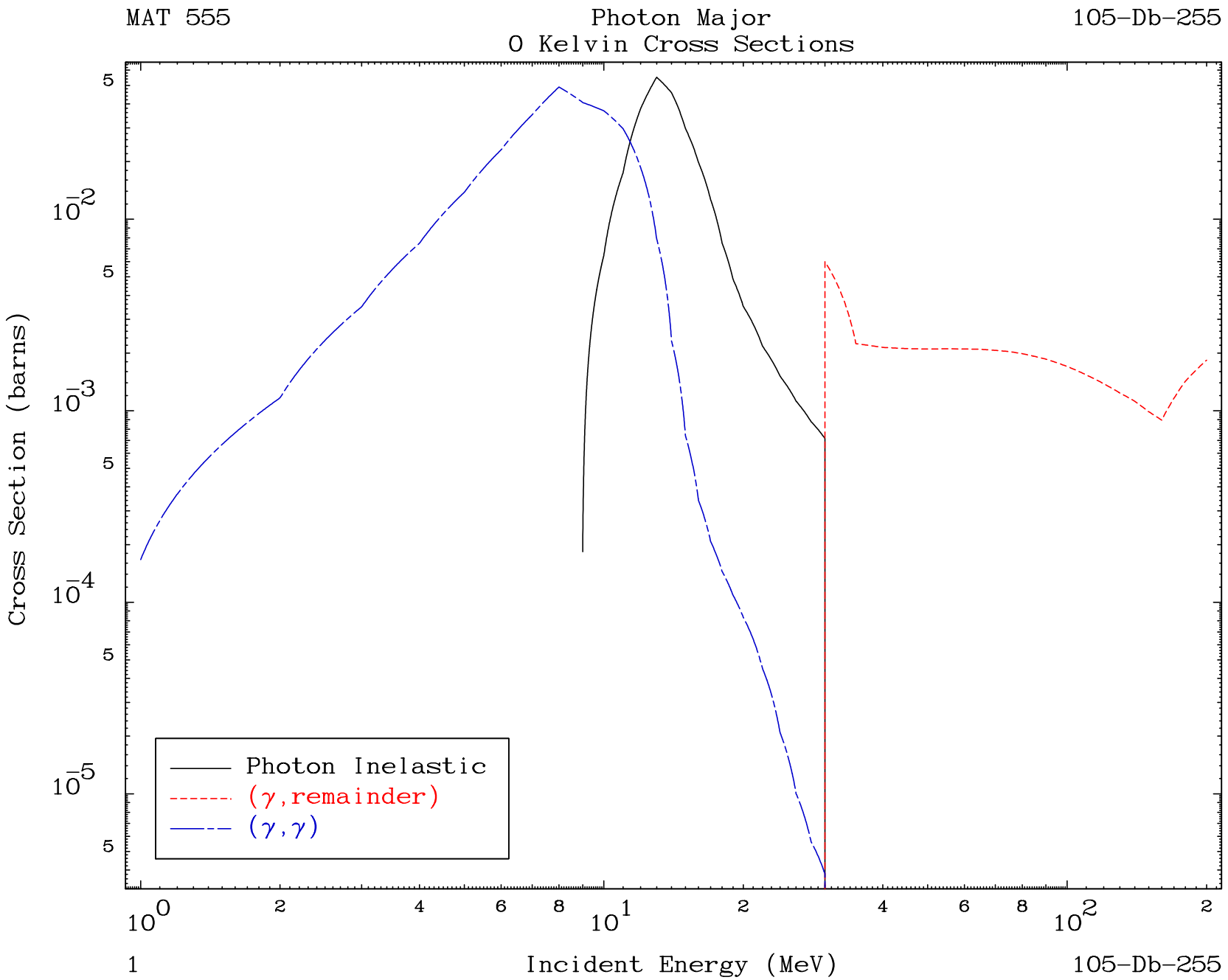
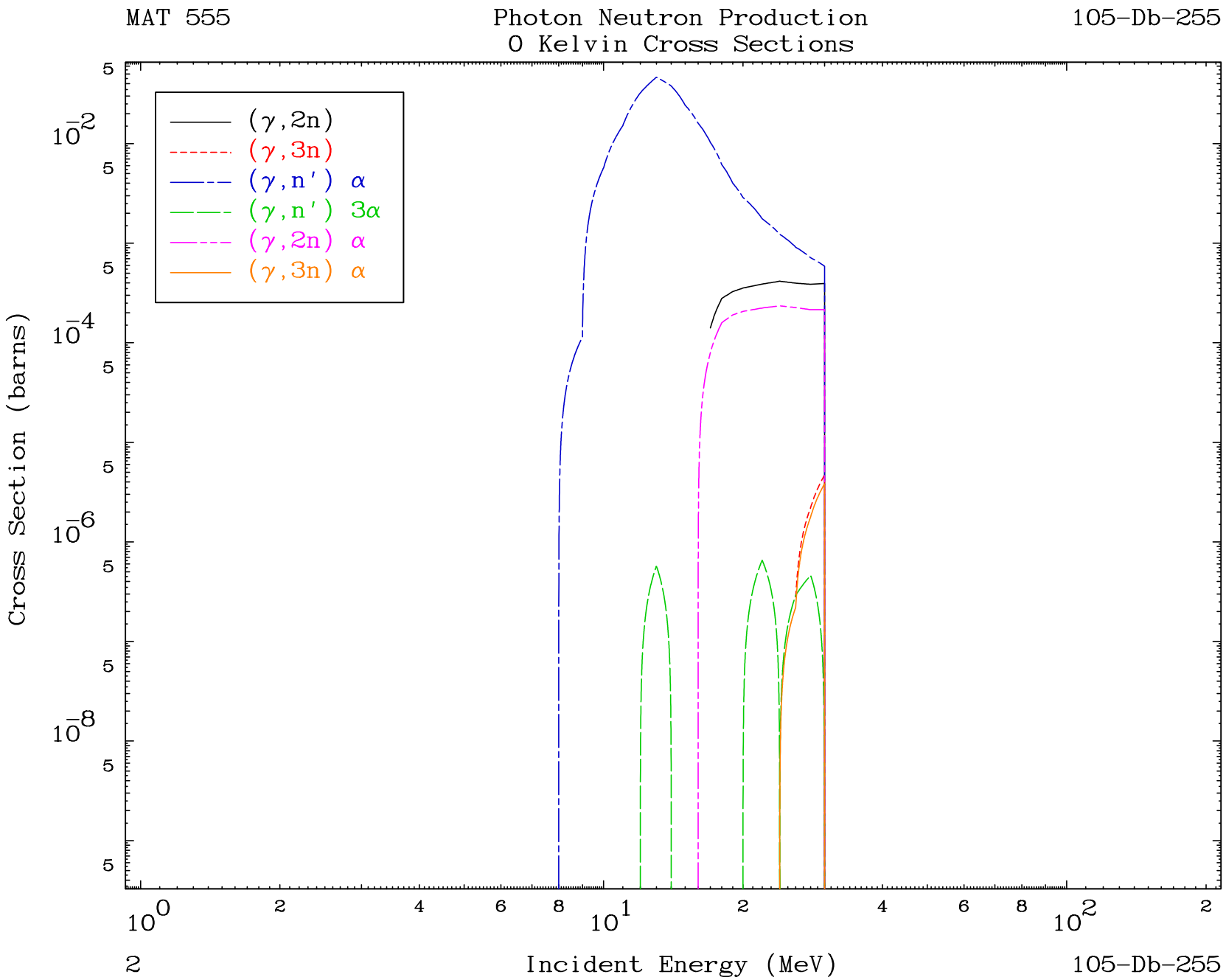
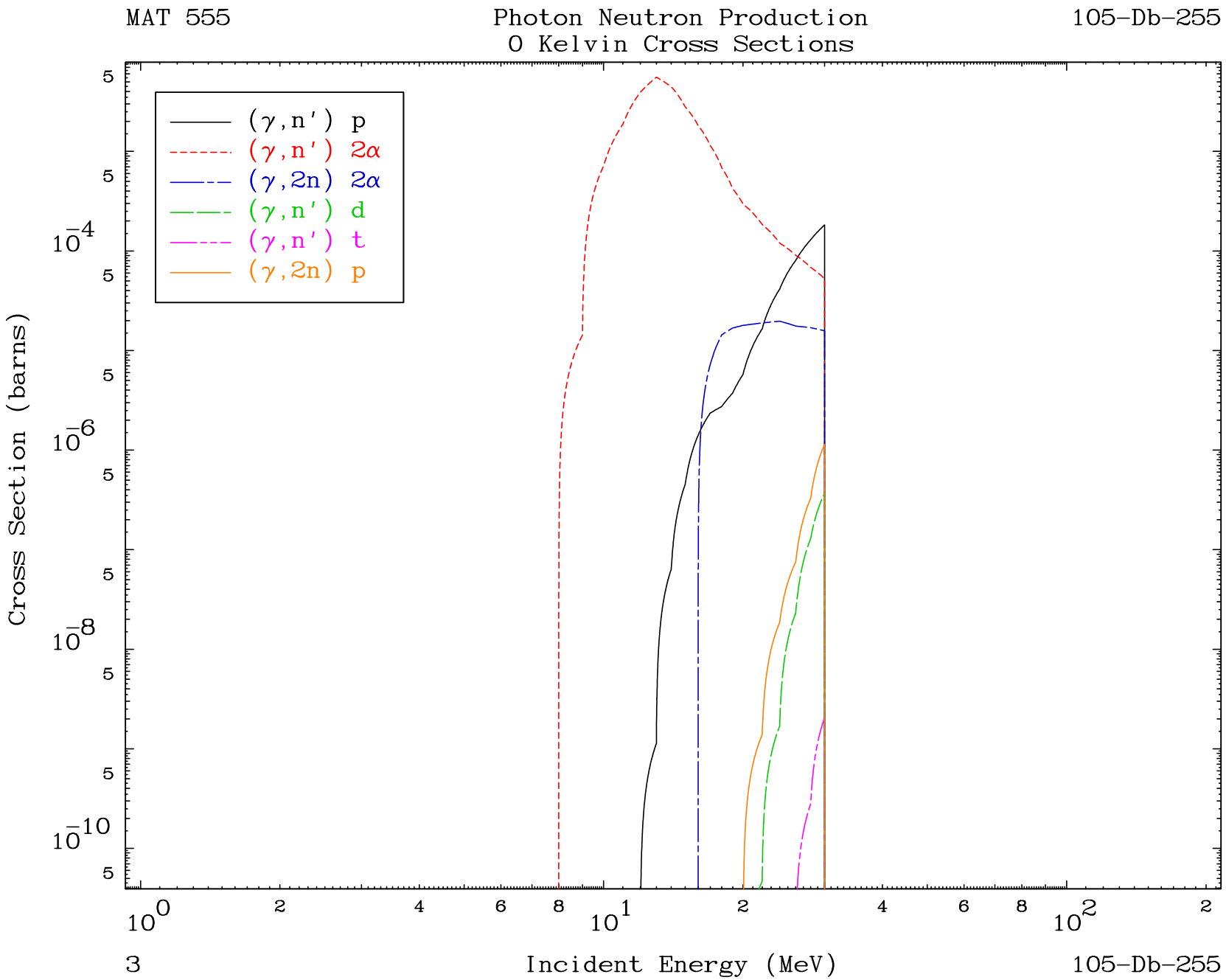
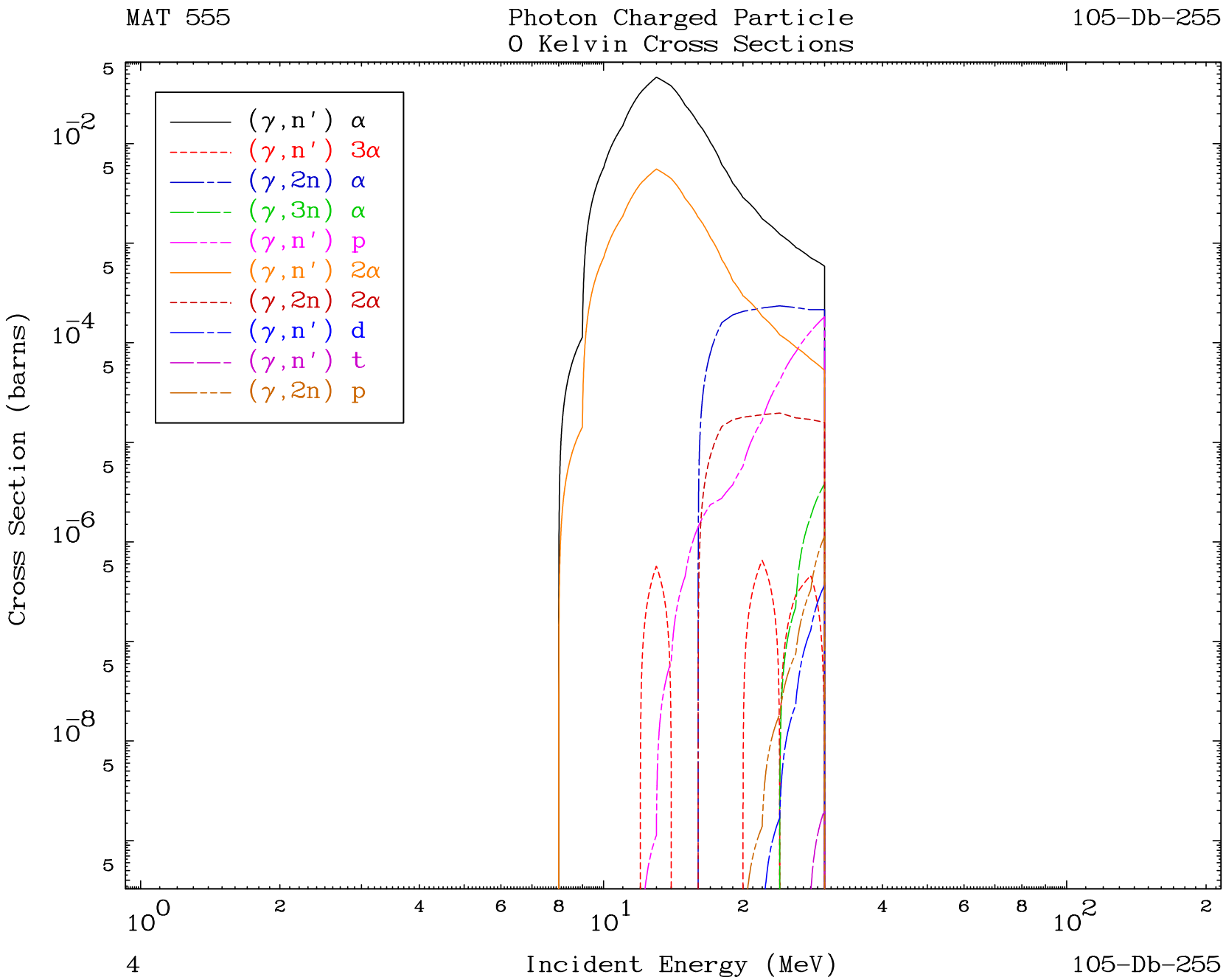
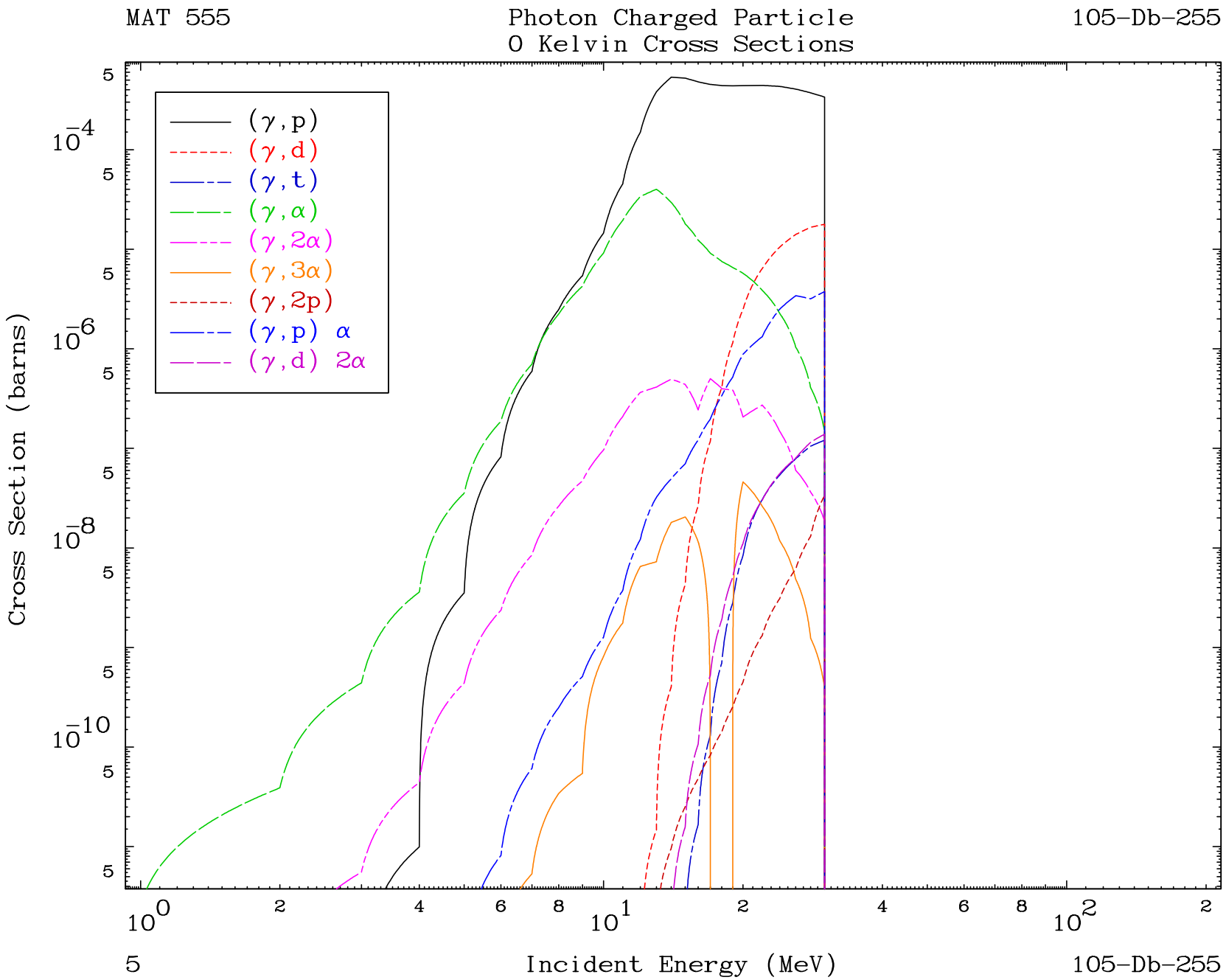
Press Mouse Button to Start

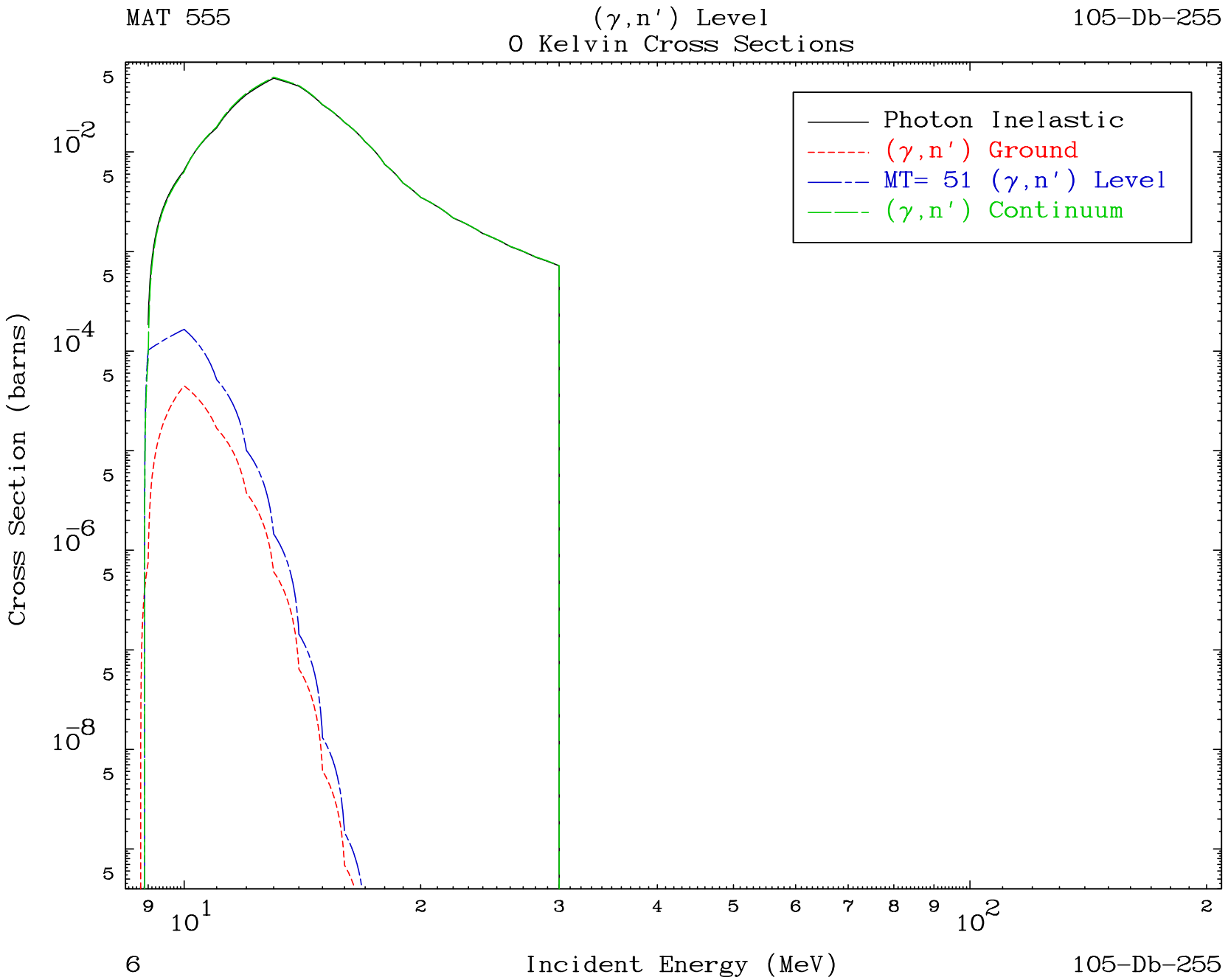

MAT 555
Photon Major
105-Db-255
0 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
105-Db-255
Photon Inelastic
(γ,remainder)
(γ,γ)

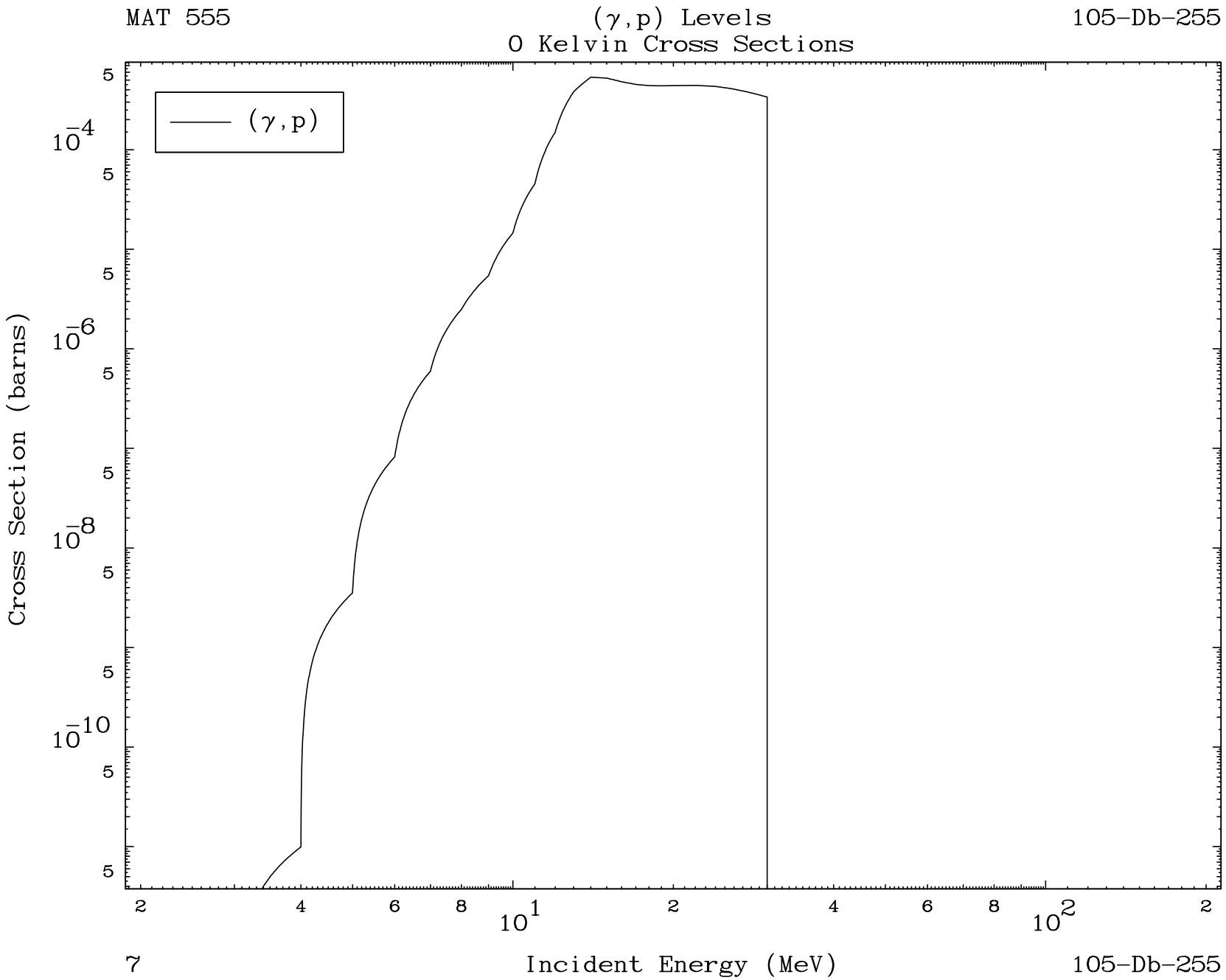

MAT 555
Photon Neutron Production
0 Kelvin Cross Sections
105-Db-255
(γ,2n)
(γ,3n)
(γ,n') α
(γ,n') 3α
(γ,2n) α
(γ,3n) α
Cross Section (barns)
Incident Energy (MeV)
105-Db-255


MAT 555
Photon Neutron Production
0 Kelvin Cross Sections
105-Db-255
(γ,n') p
(γ,n') 2α
(γ,2n) 2α
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
105-Db-255


MAT 555
Photon Charged Particle
0 Kelvin Cross Sections
105-Db-255
(γ,n') α
(γ,n') 3α
(γ,2n) α
(γ,3n) α
(γ,n') p
(γ,n') 2α
(γ,2n) 2α
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
105-Db-255
4

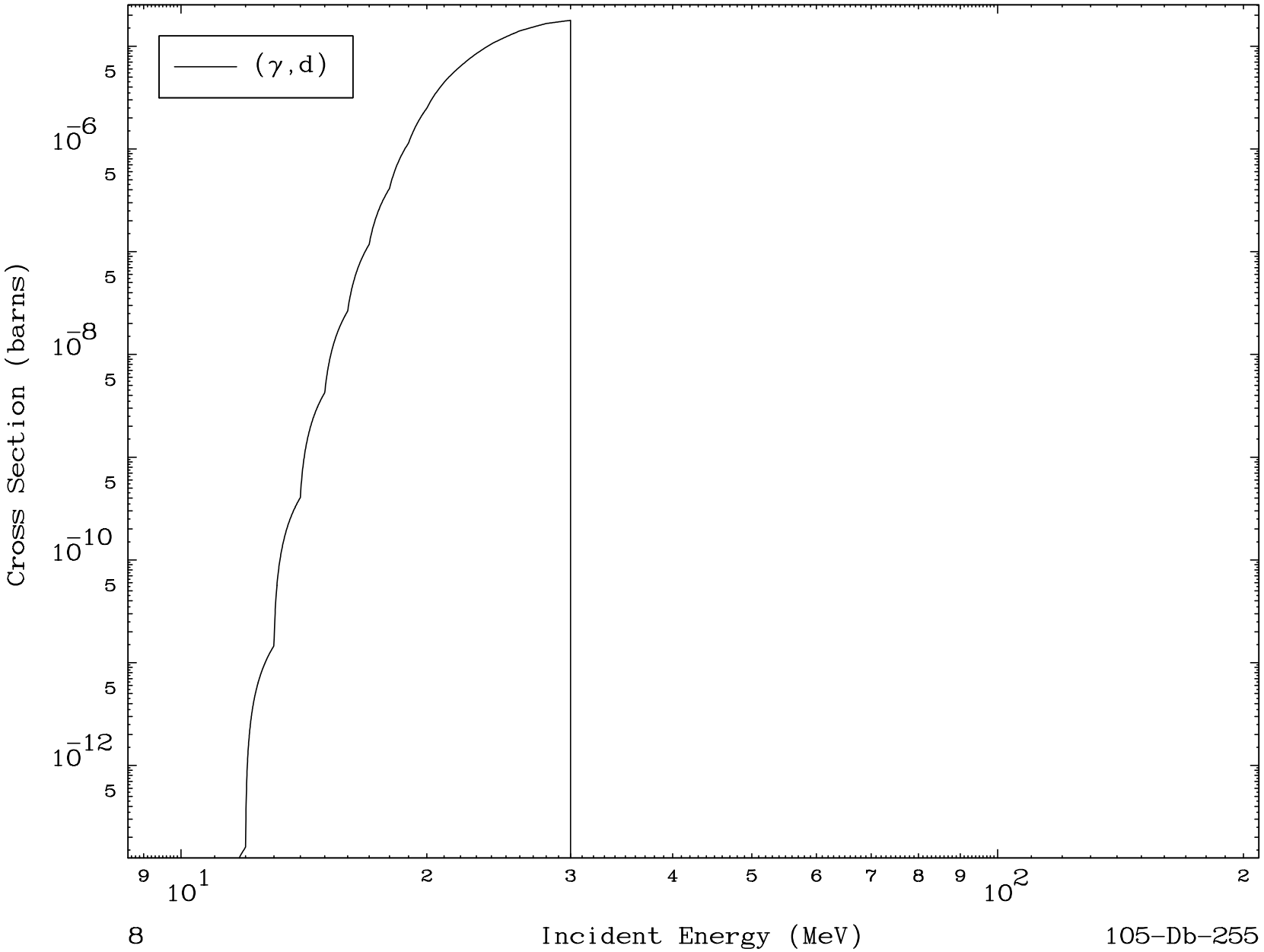

MAT 555
Photon Charged Particle
0 Kelvin Cross Sections
105-Db-255
(γ,p)
(γ,d)
(γ,t)
(γ,α)
(γ,2α)
(γ,3α)
(γ,2p)
(γ,p) α
(γ,d) 2α
Cross Section (barns)
Incident Energy (MeV)
105-Db-255

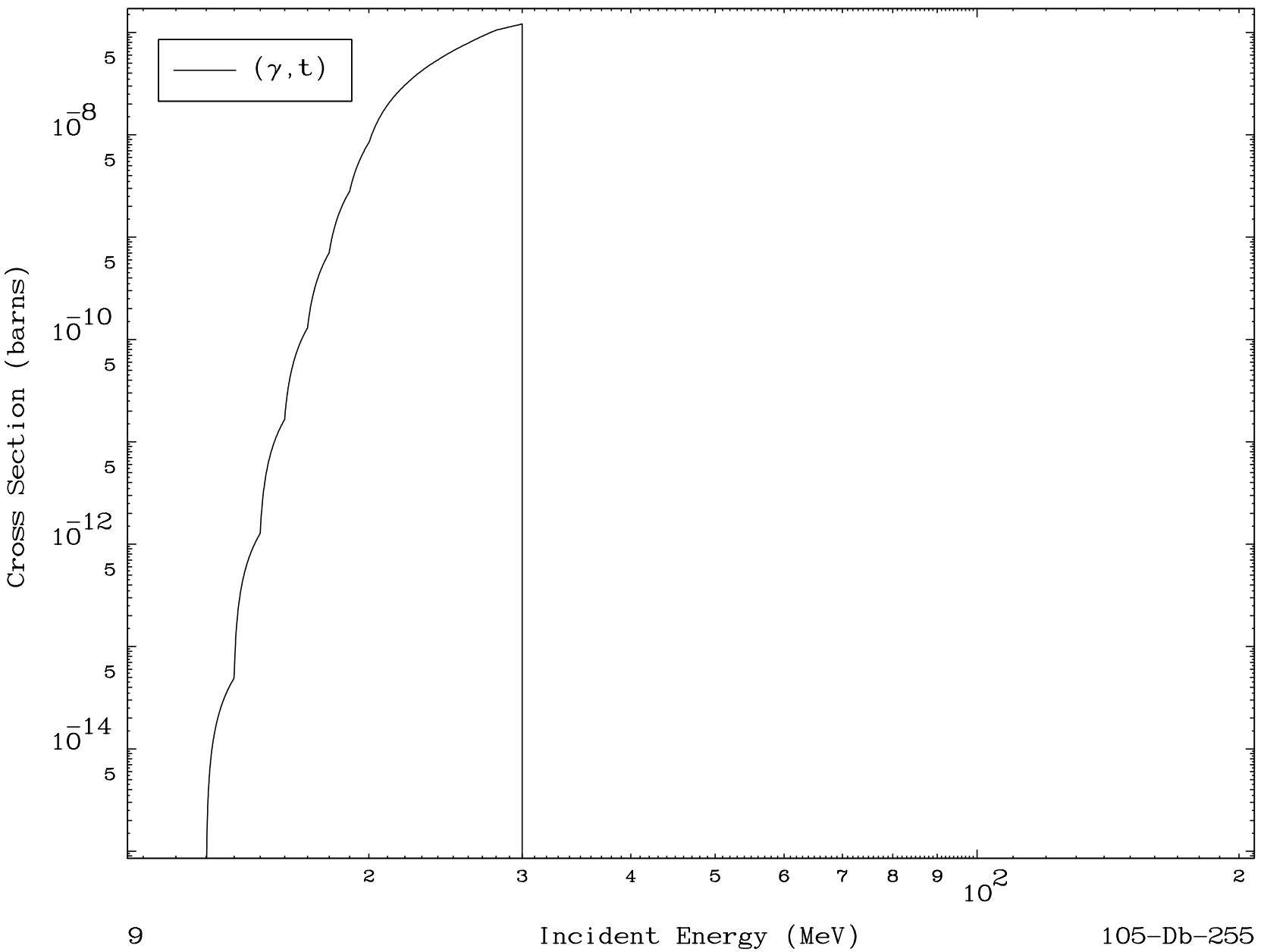

MAT 555
(γ,n') Level
105-Db-255
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
105-Db-255
6

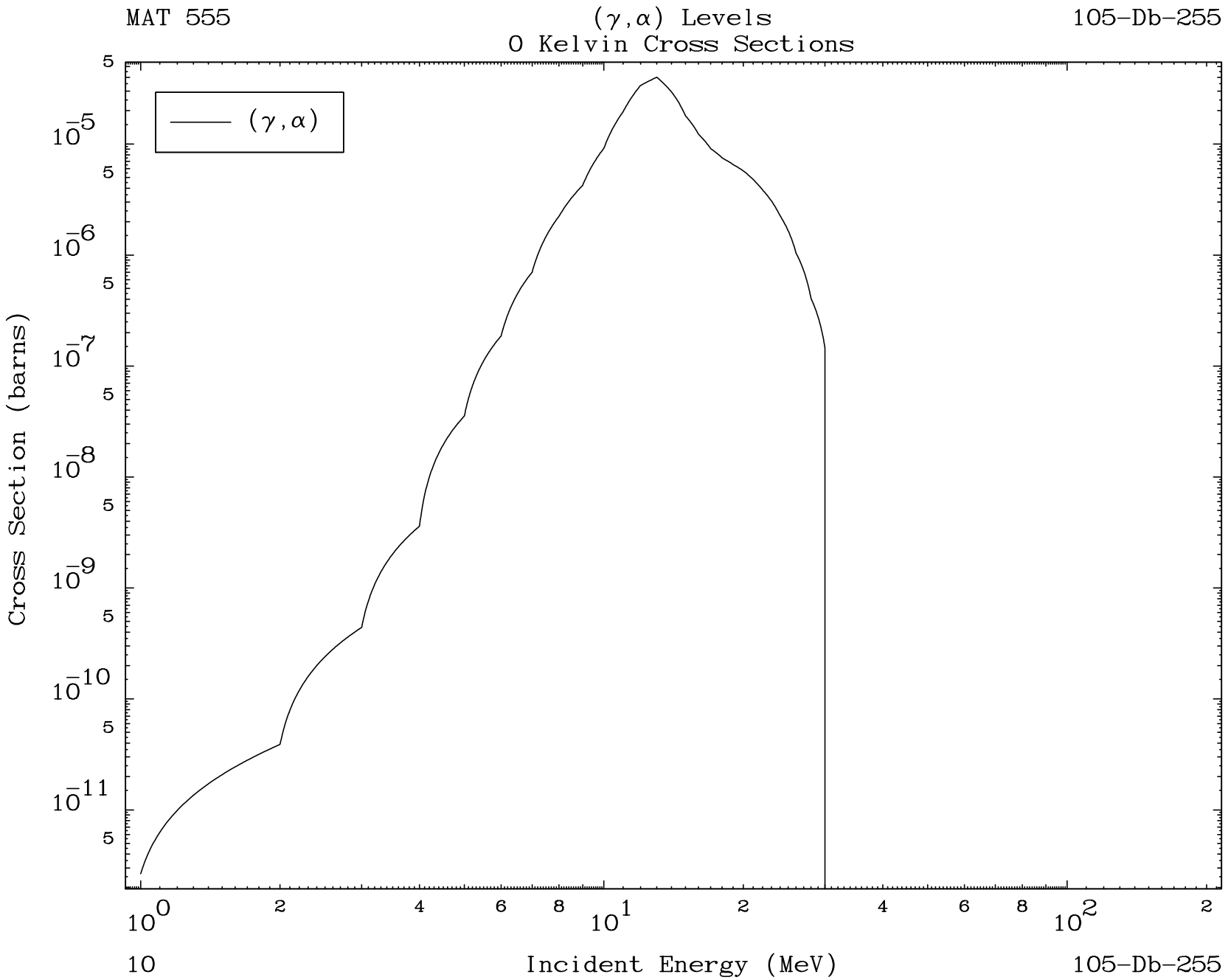

MAT 555
(γ,p) Levels
105-Db-255
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
7
105-Db-255

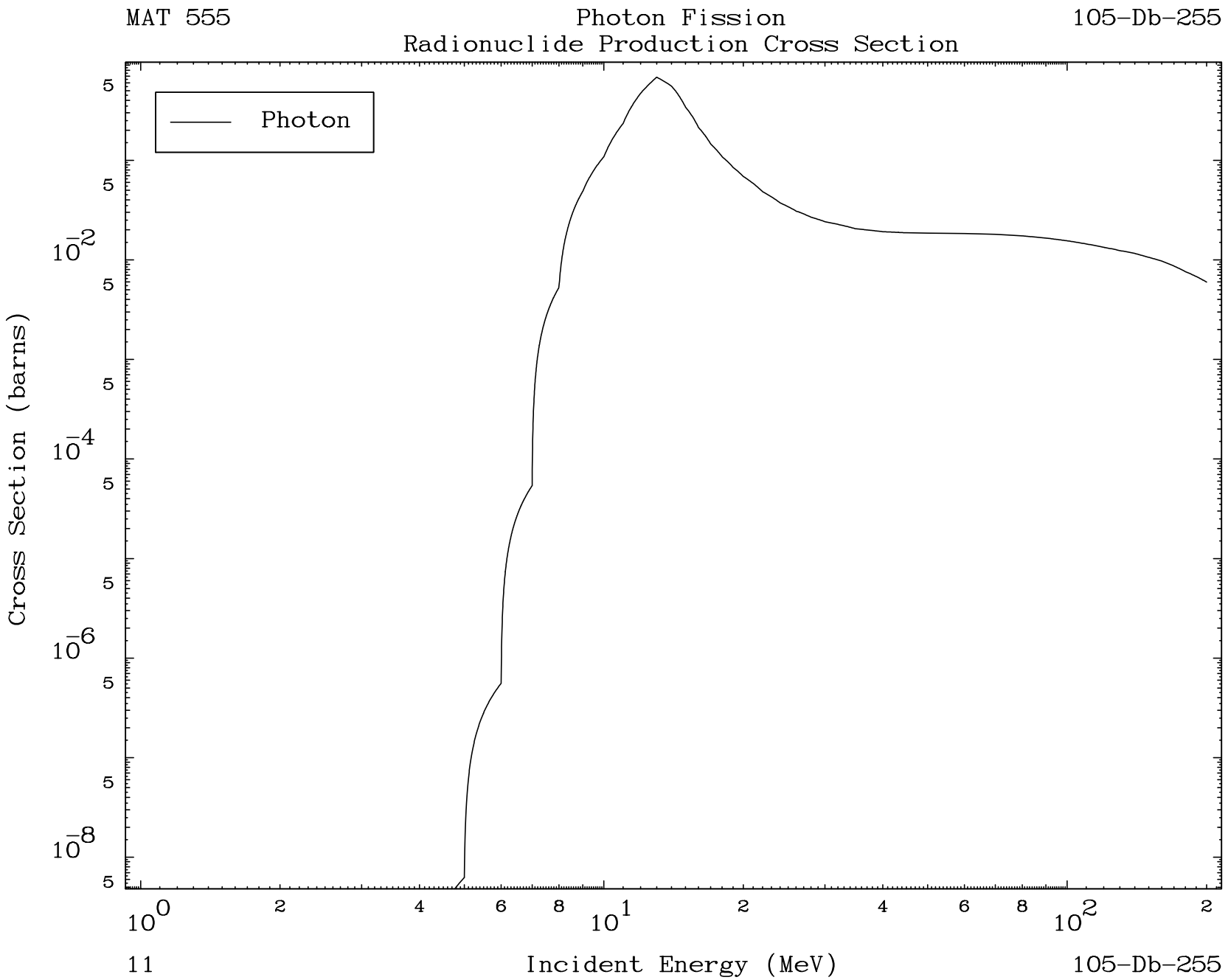
(γ,d) Levels

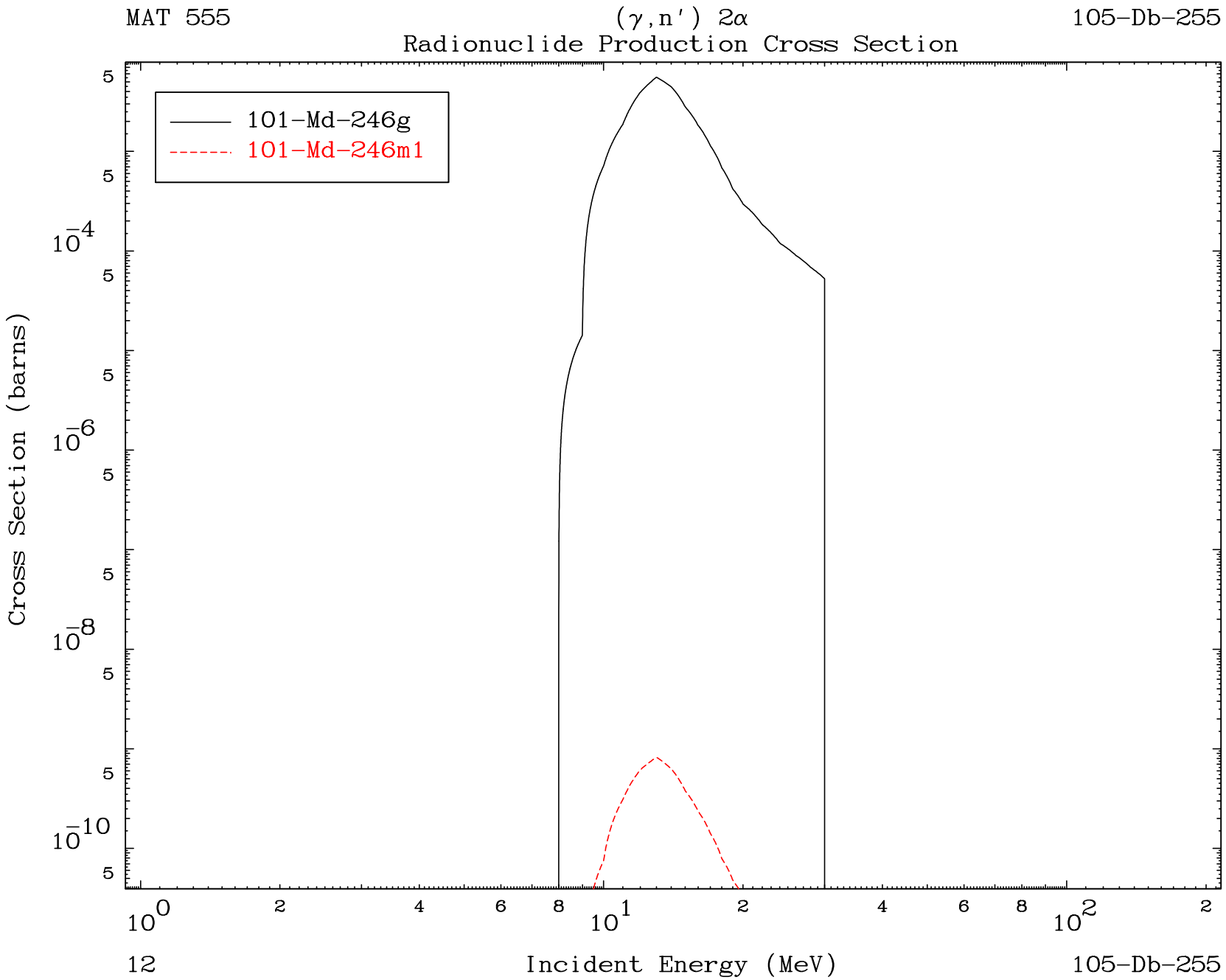
0 Kelvin Cross Sections

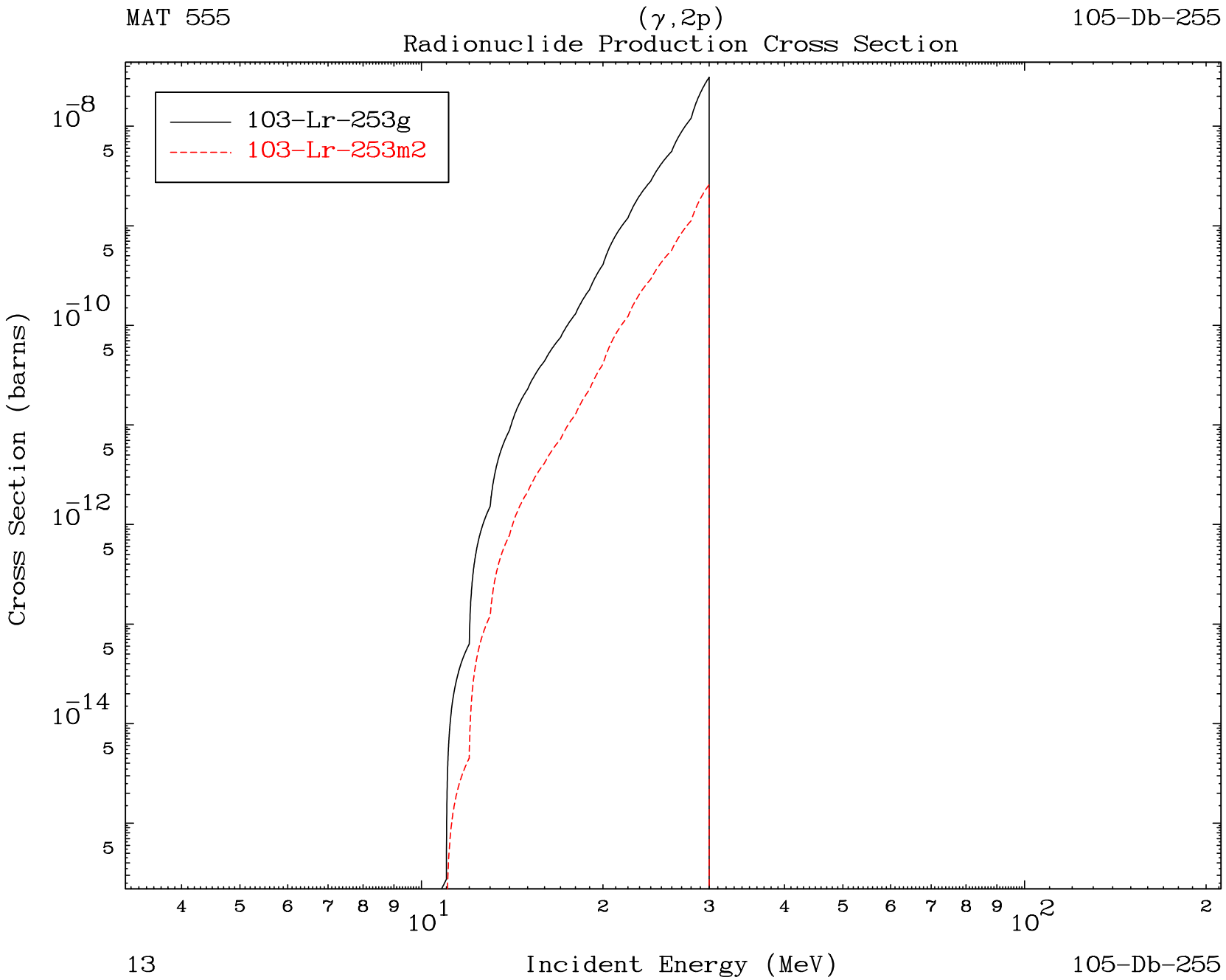



0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 555
(γ,α) Levels
105-Db-255
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
105-Db-255


MAT 555
Photon Fission
105-Db-255
Radionuclide Production Cross Section
Photon
Cross Section (barns)
Incident Energy (MeV)
11
105-Db-255


MAT 555
(γ,n') 2α
105-Db-255
Radionuclide Production Cross Section
101-Md-246g
101-Md-246m1
Cross Section (barns)
Incident Energy (MeV)
105-Db-255
12


MAT 555
(γ,2p)
105-Db-255
Radionuclide Production Cross Section
103-Lr-253g
103-Lr-253m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
105-Db-255