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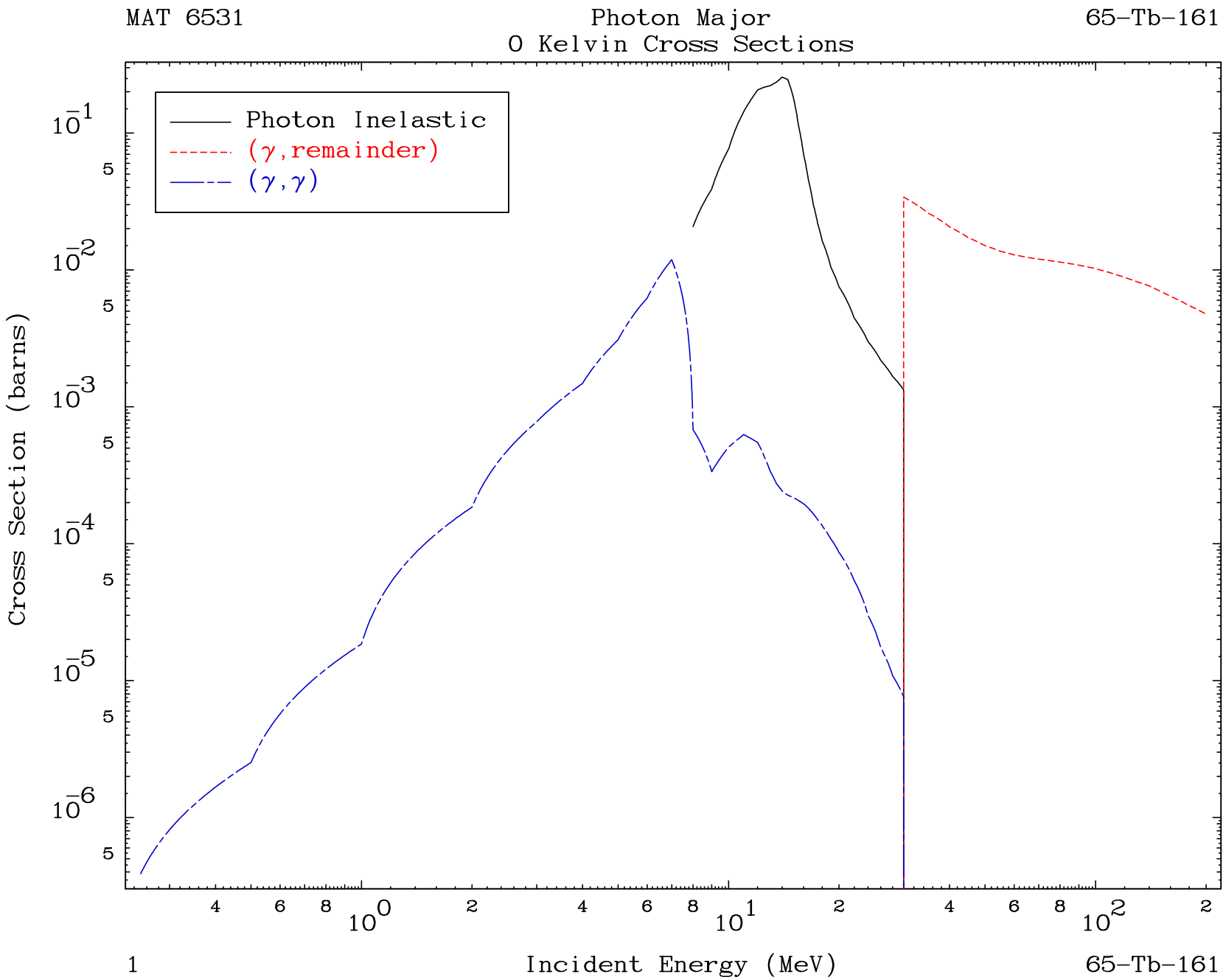
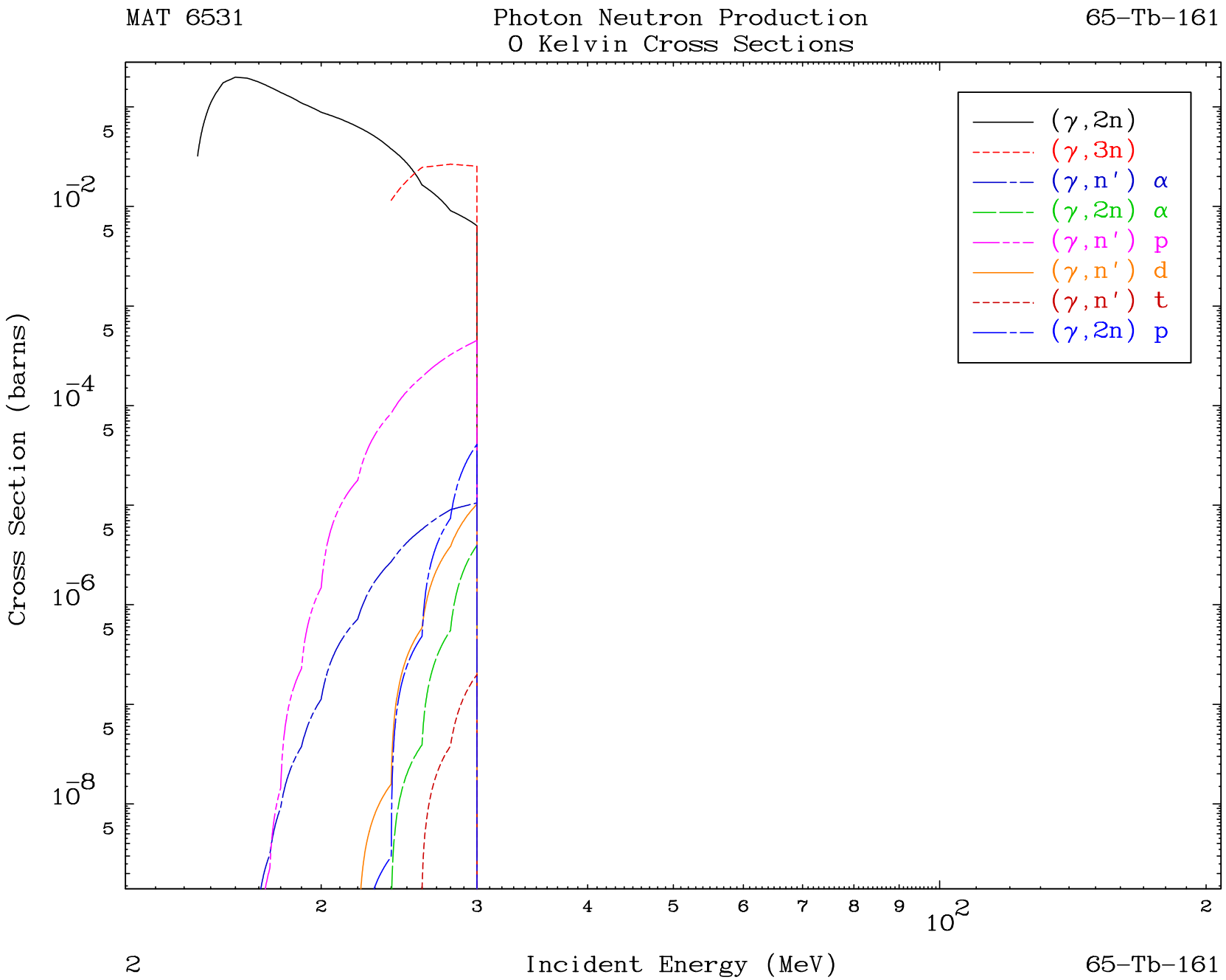
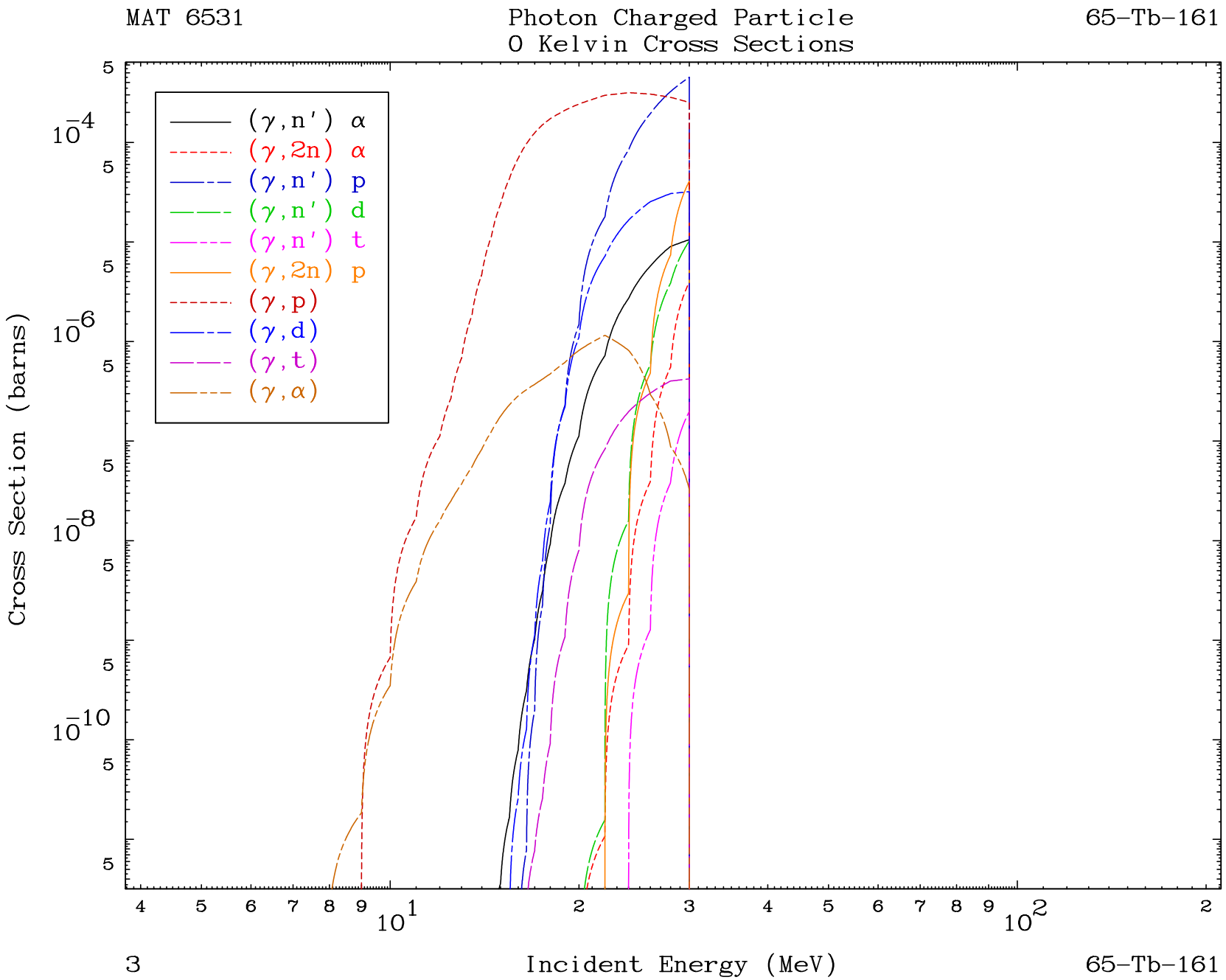
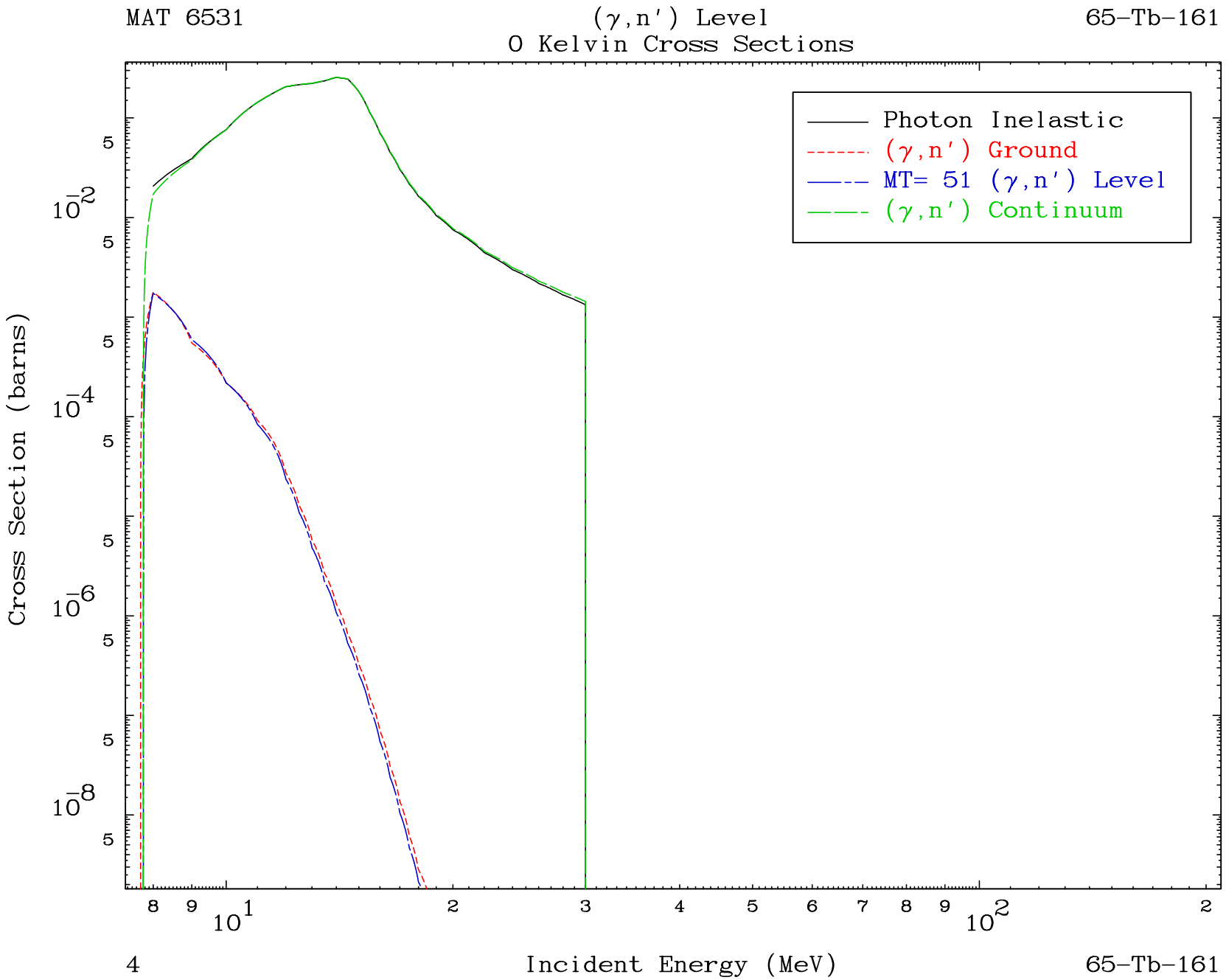
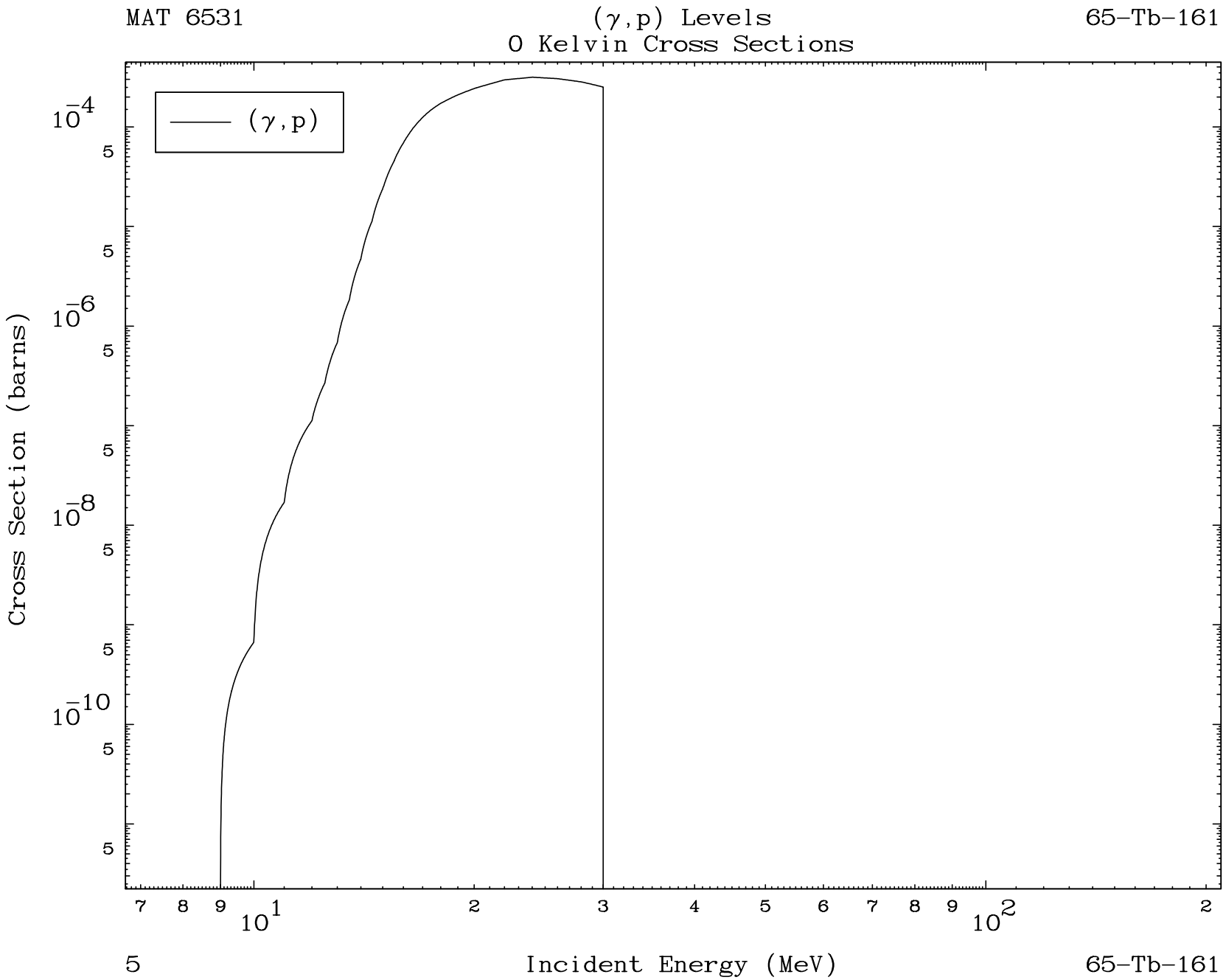
Press Mouse Button to Start

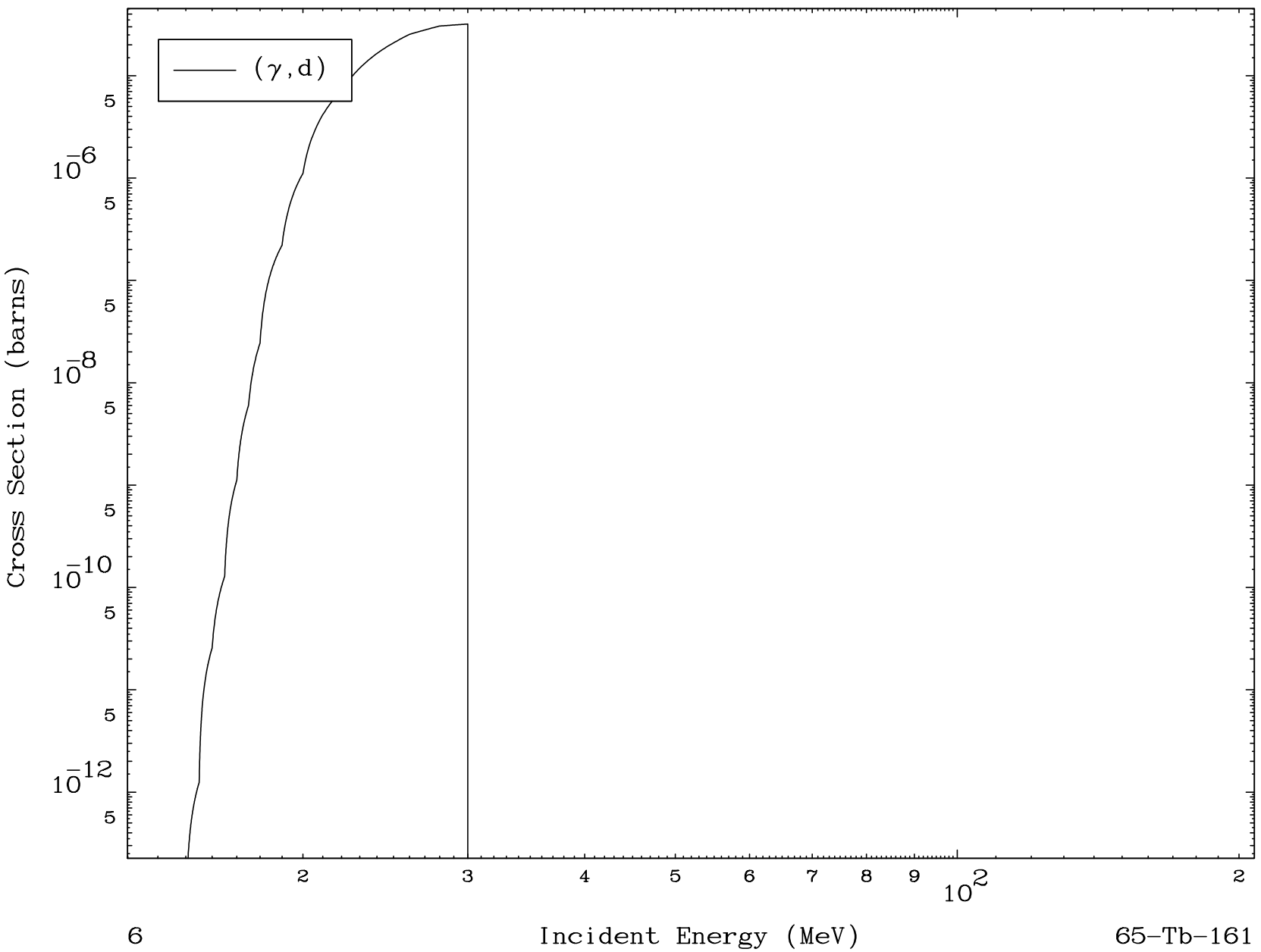

MAT 6531
Photon Major
65-Tb-161
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-161
1

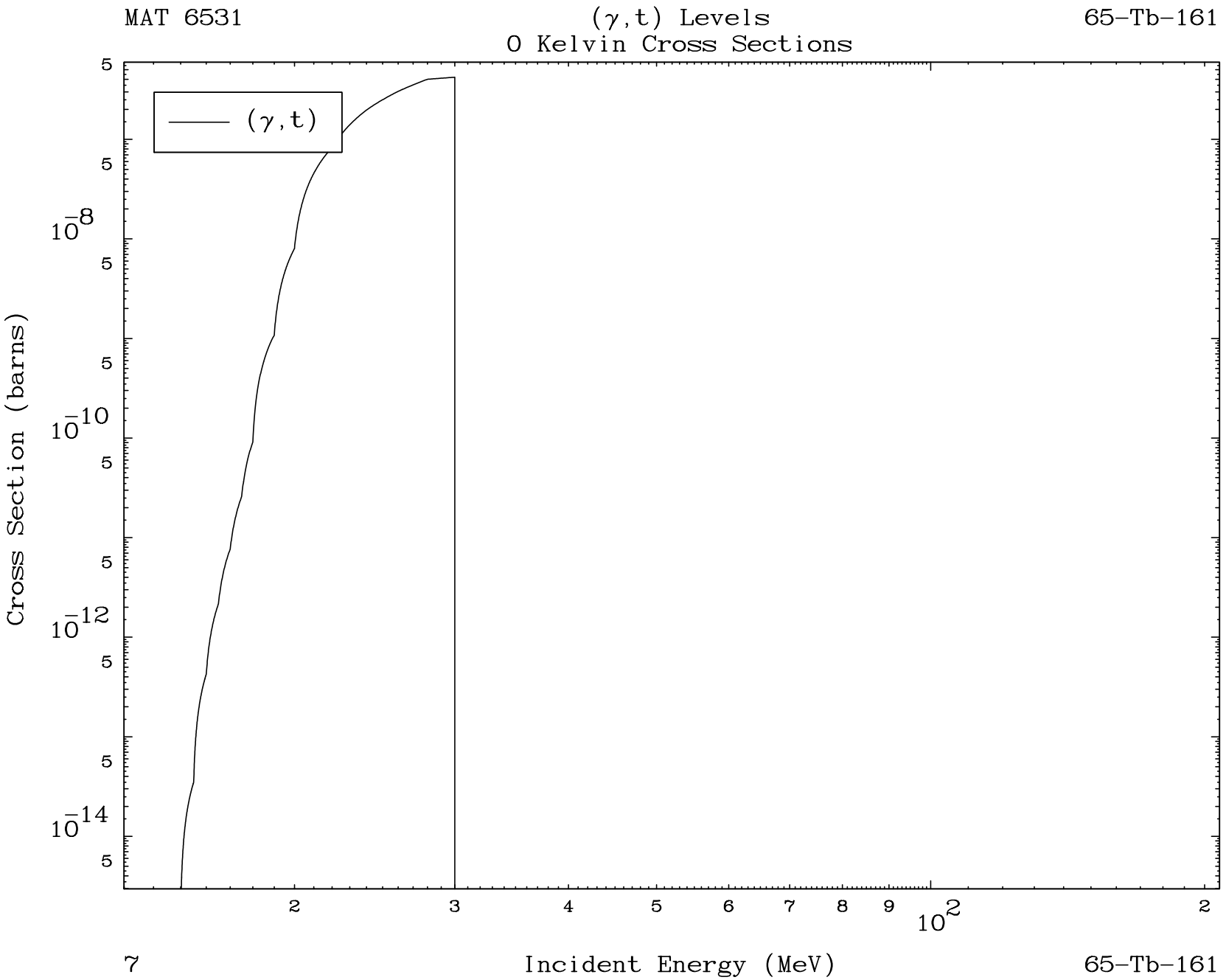

MAT 6531
Photon Neutron Production
0 Kelvin Cross Sections
65-Tb-161
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
65-Tb-161

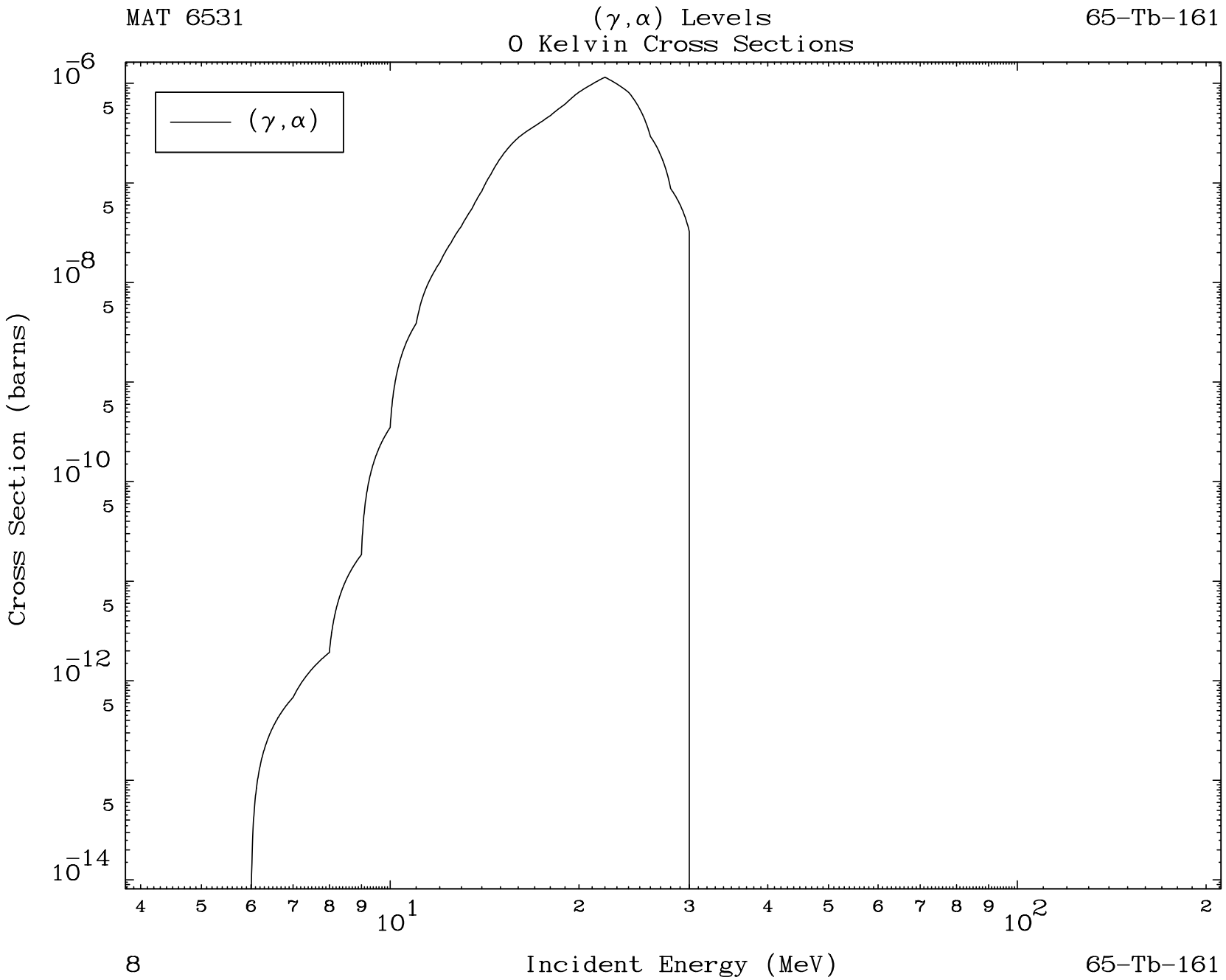

MAT 6531
Photon Charged Particle
0 Kelvin Cross Sections
65-Tb-161
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-161

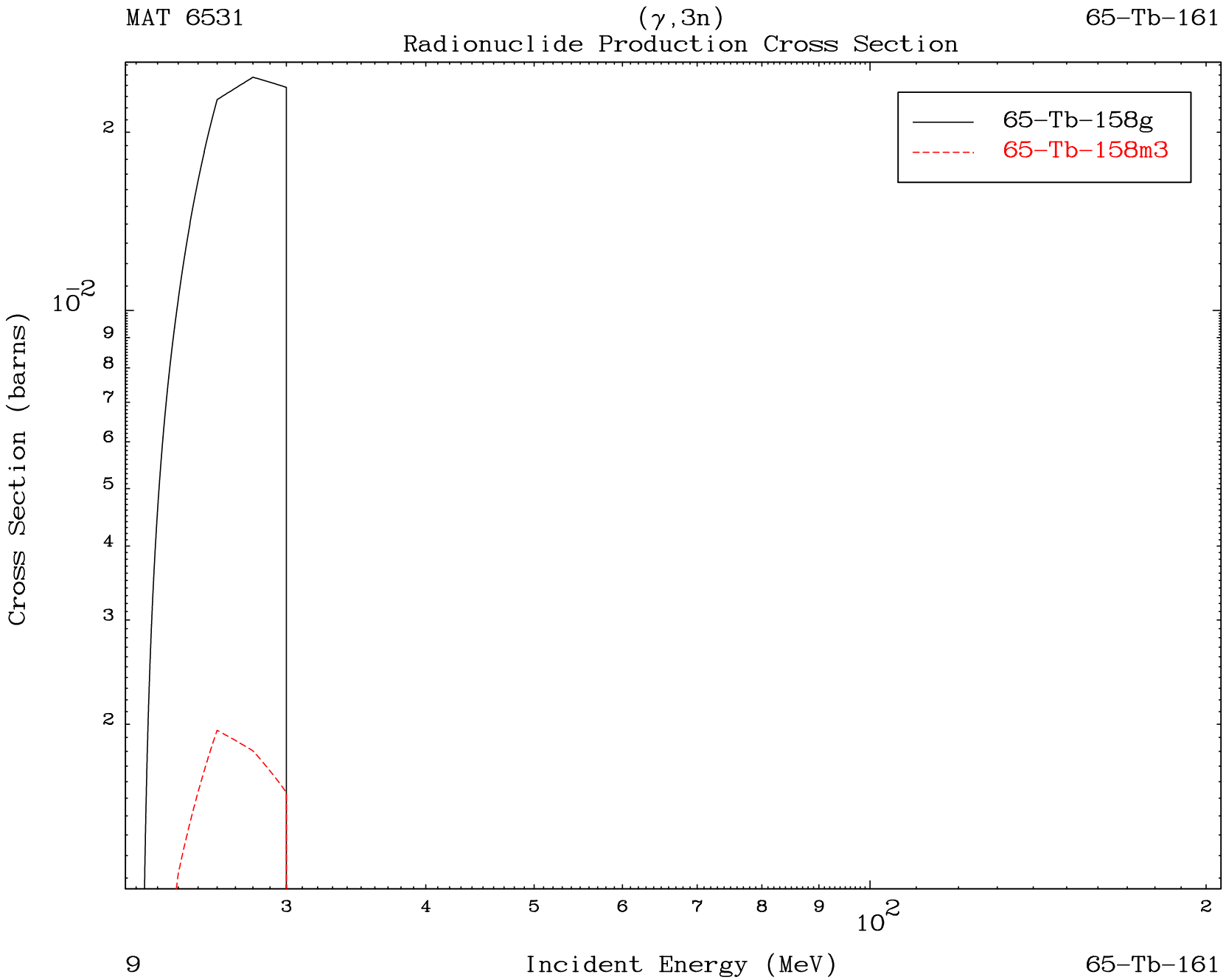

MAT 6531
(γ,n') Level
65-Tb-161
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-161


MAT 6531
(γ,p) Levels
65-Tb-161
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
5
65-Tb-161


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)


MAT 6531
(γ,t) Levels
65-Tb-161
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
65-Tb-161


MAT 6531
(γ,α) Levels
65-Tb-161
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
8
65-Tb-161


MAT 6531
(γ,3n)
65-Tb-161
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10-2
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
9
Incident Energy (MeV)
65-Tb-161