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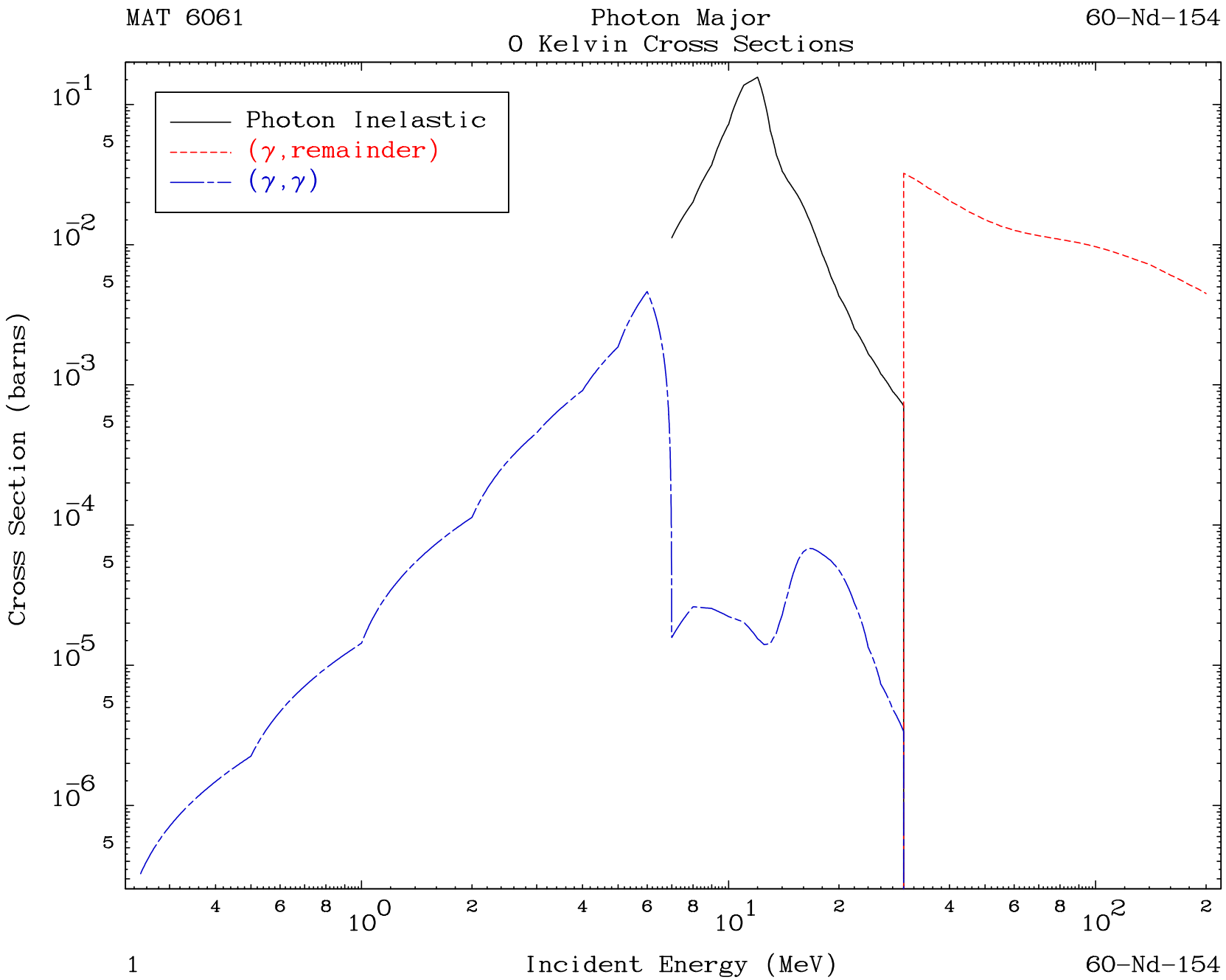
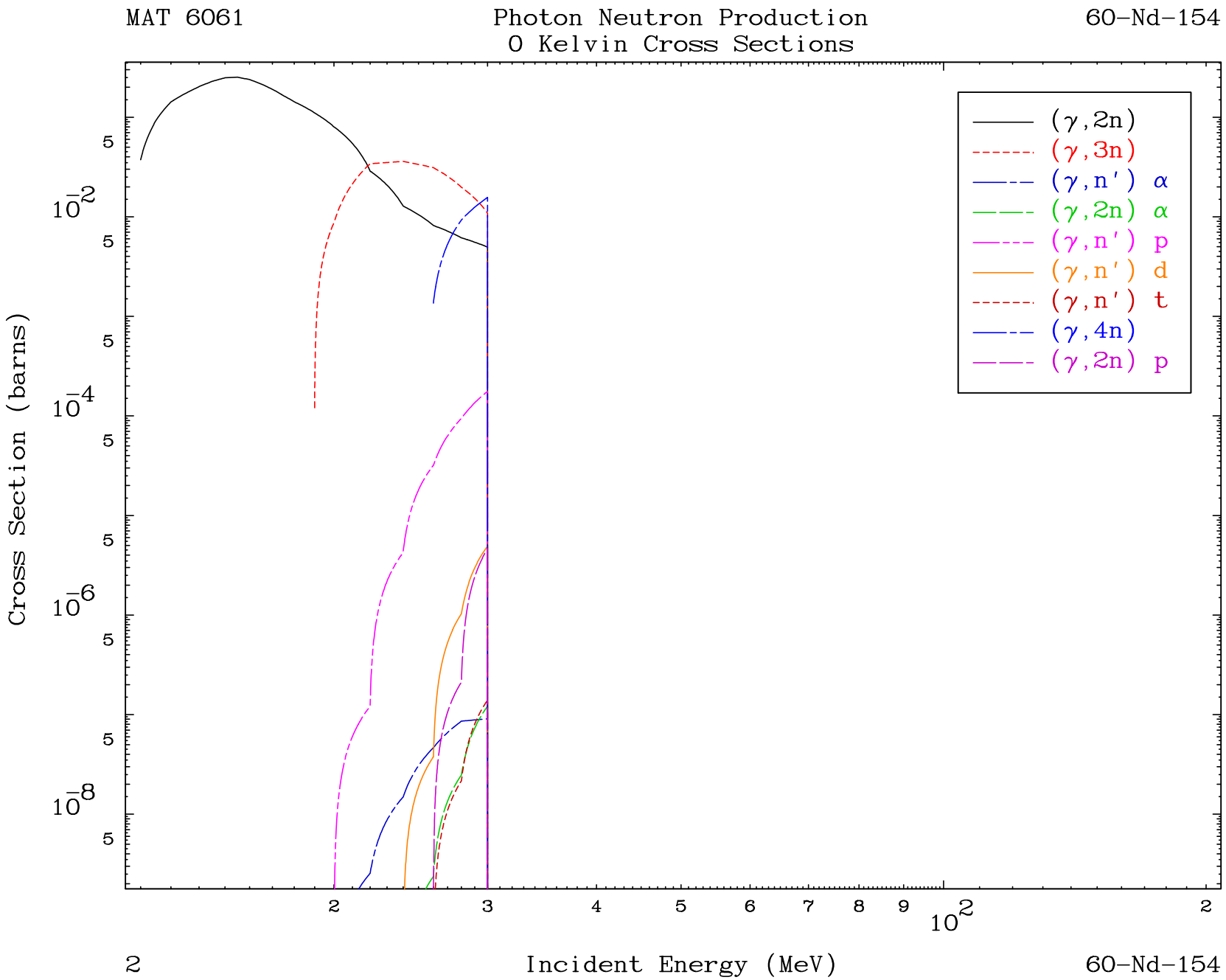
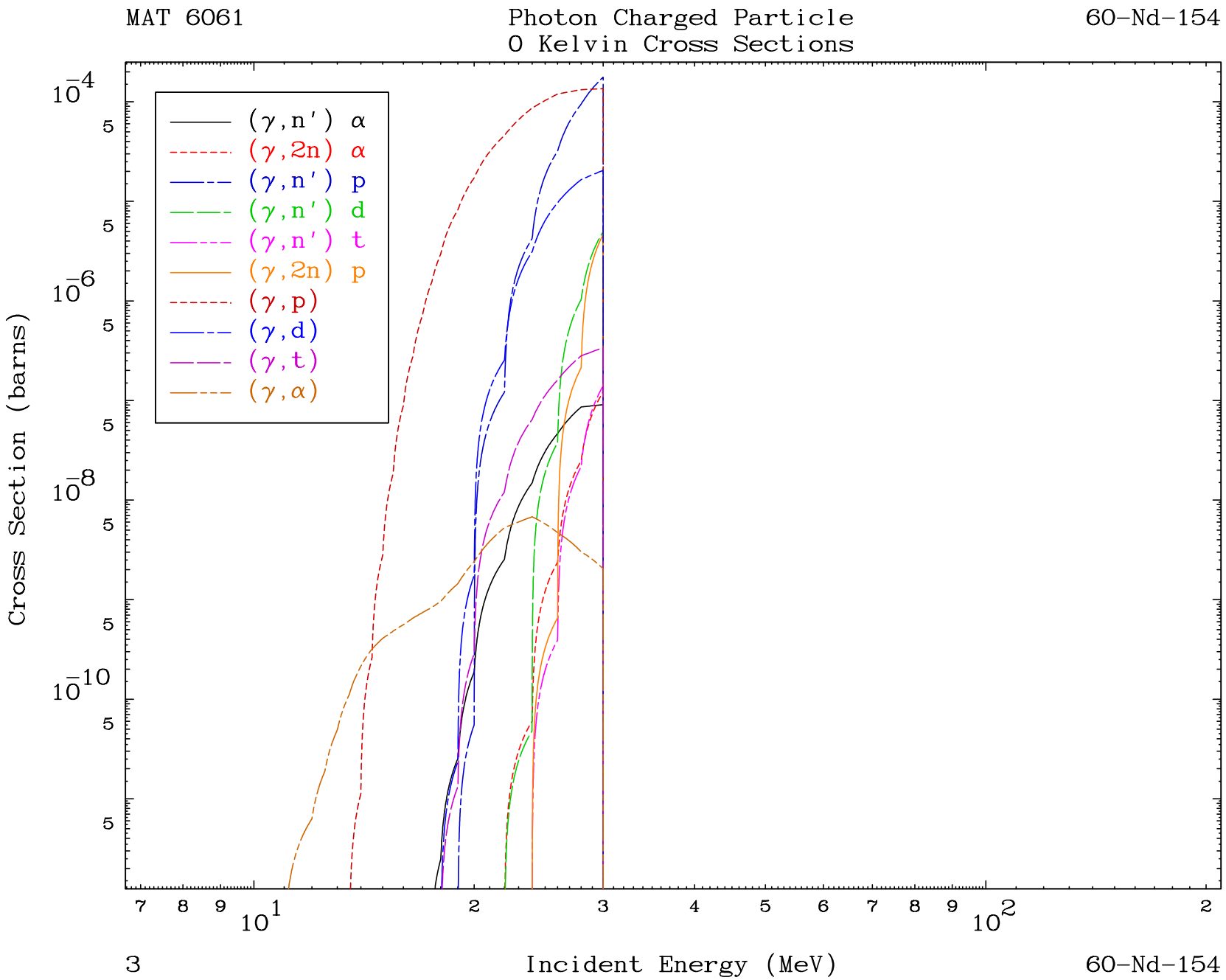
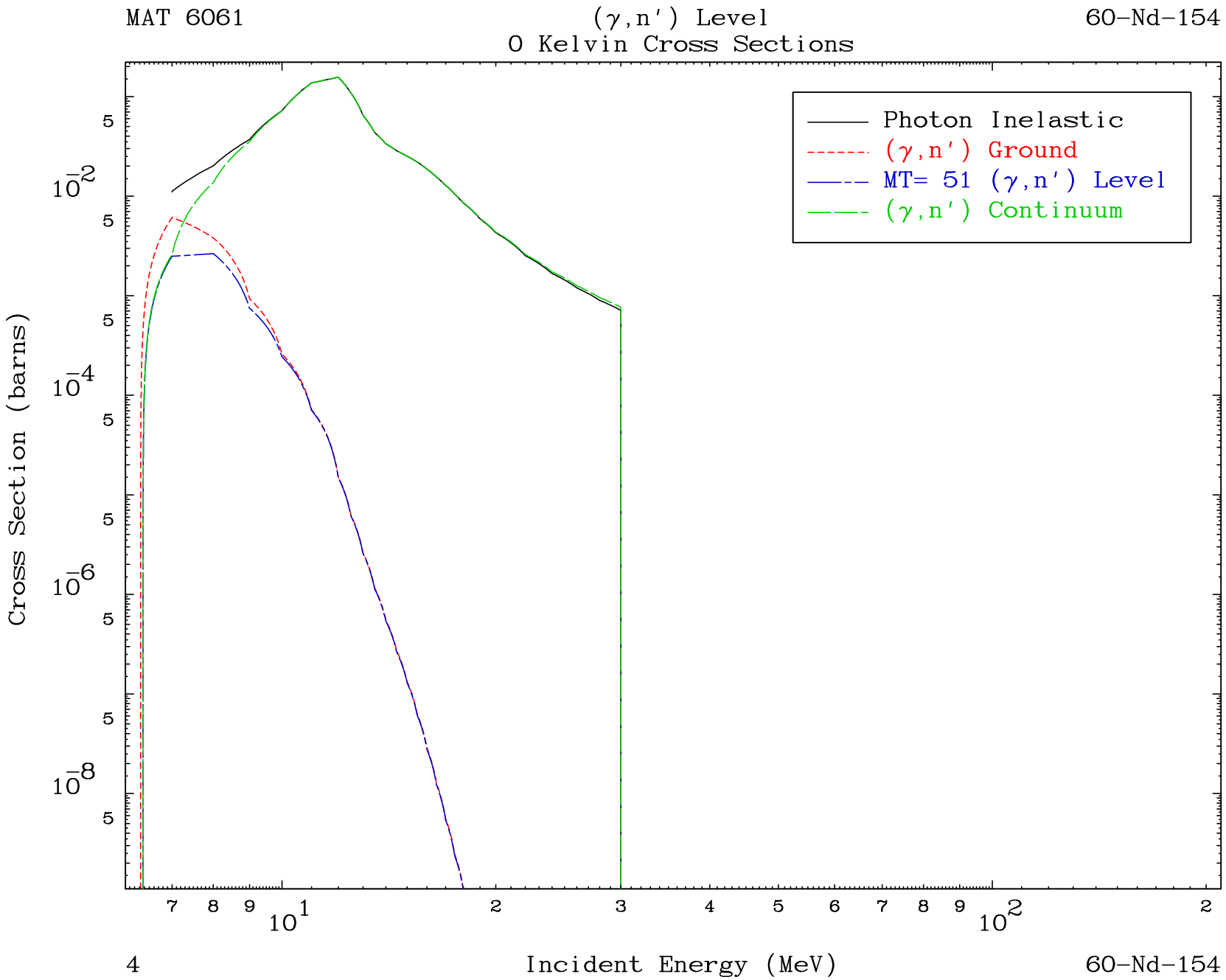
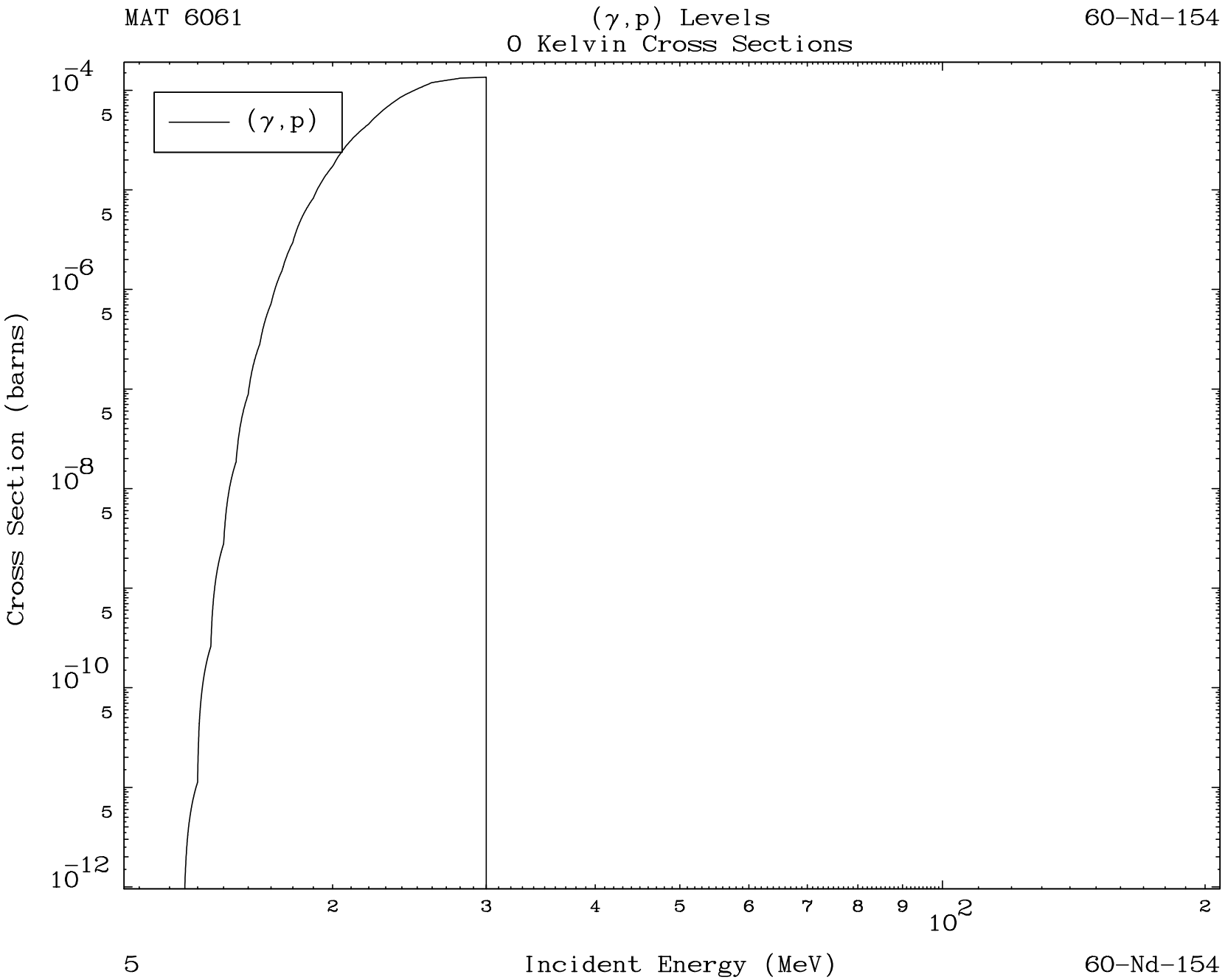
Press Mouse Button to Start


MAT 6061
Photon Major
60-Nd-154
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
60-Nd-154
1

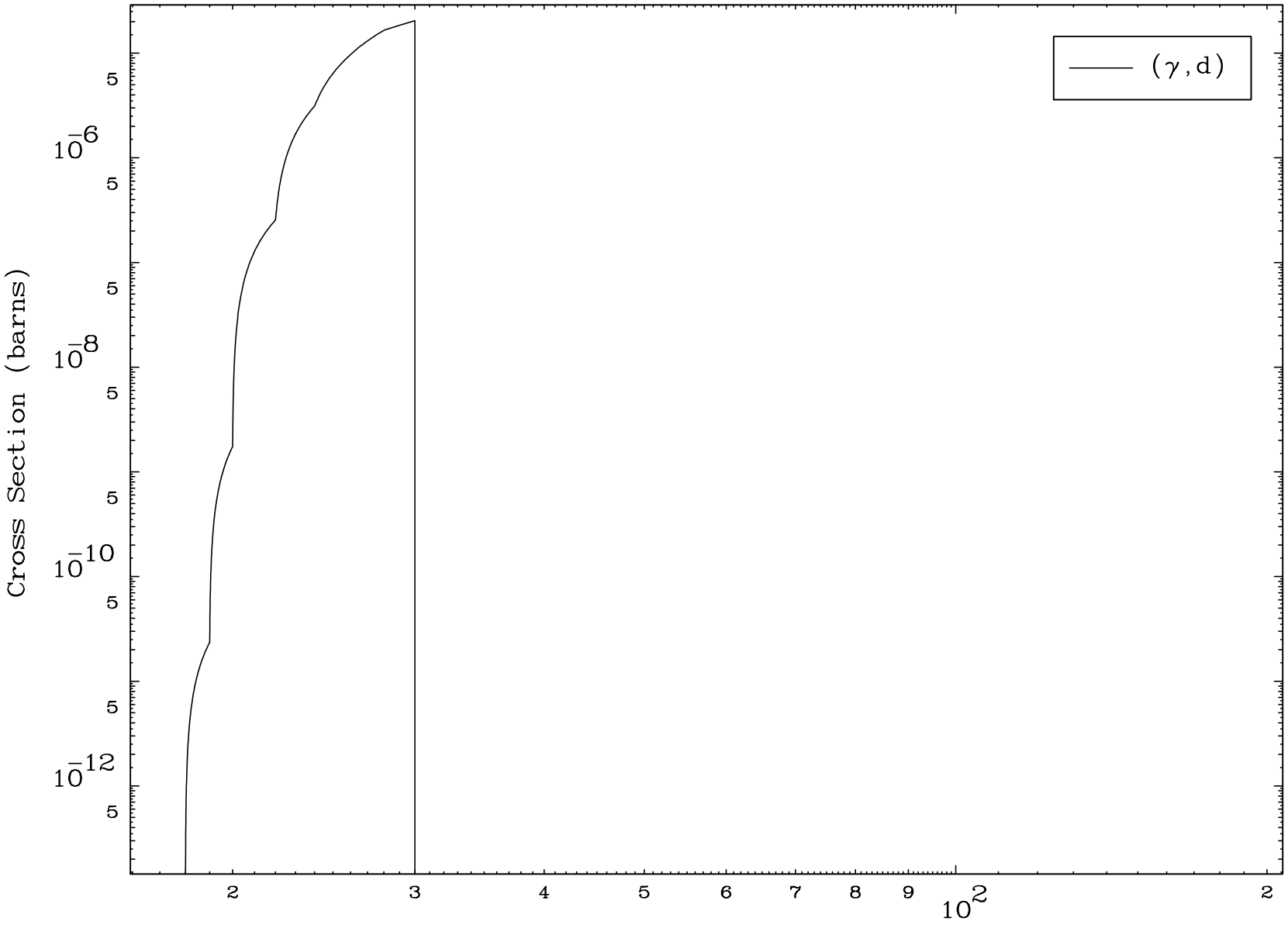

MAT 6061
Photon Neutron Production
0 Kelvin Cross Sections
60-Nd-154
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
60-Nd-154
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p

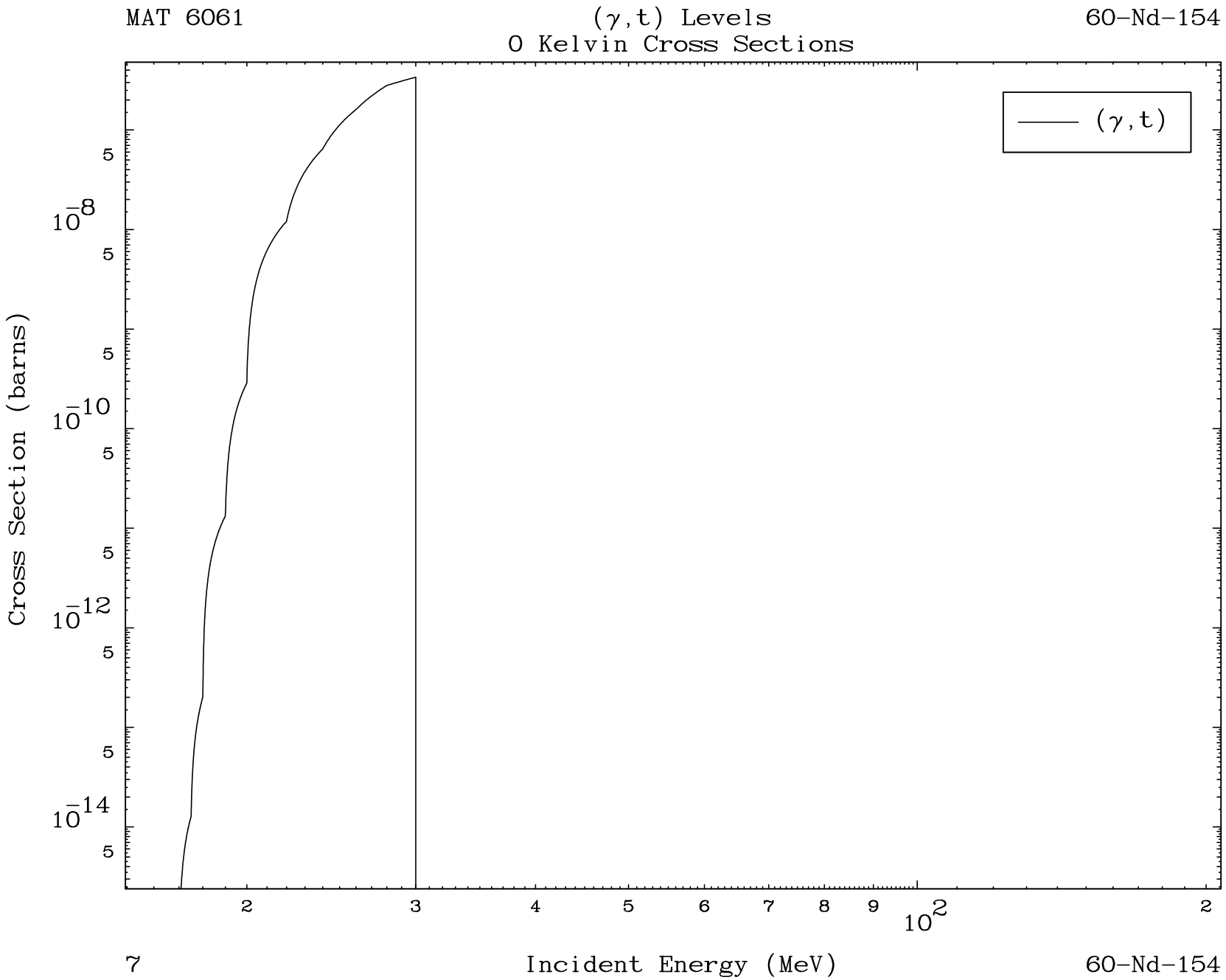

MAT 6061
Photon Charged Particle
0 Kelvin Cross Sections
60-Nd-154
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
60-Nd-154

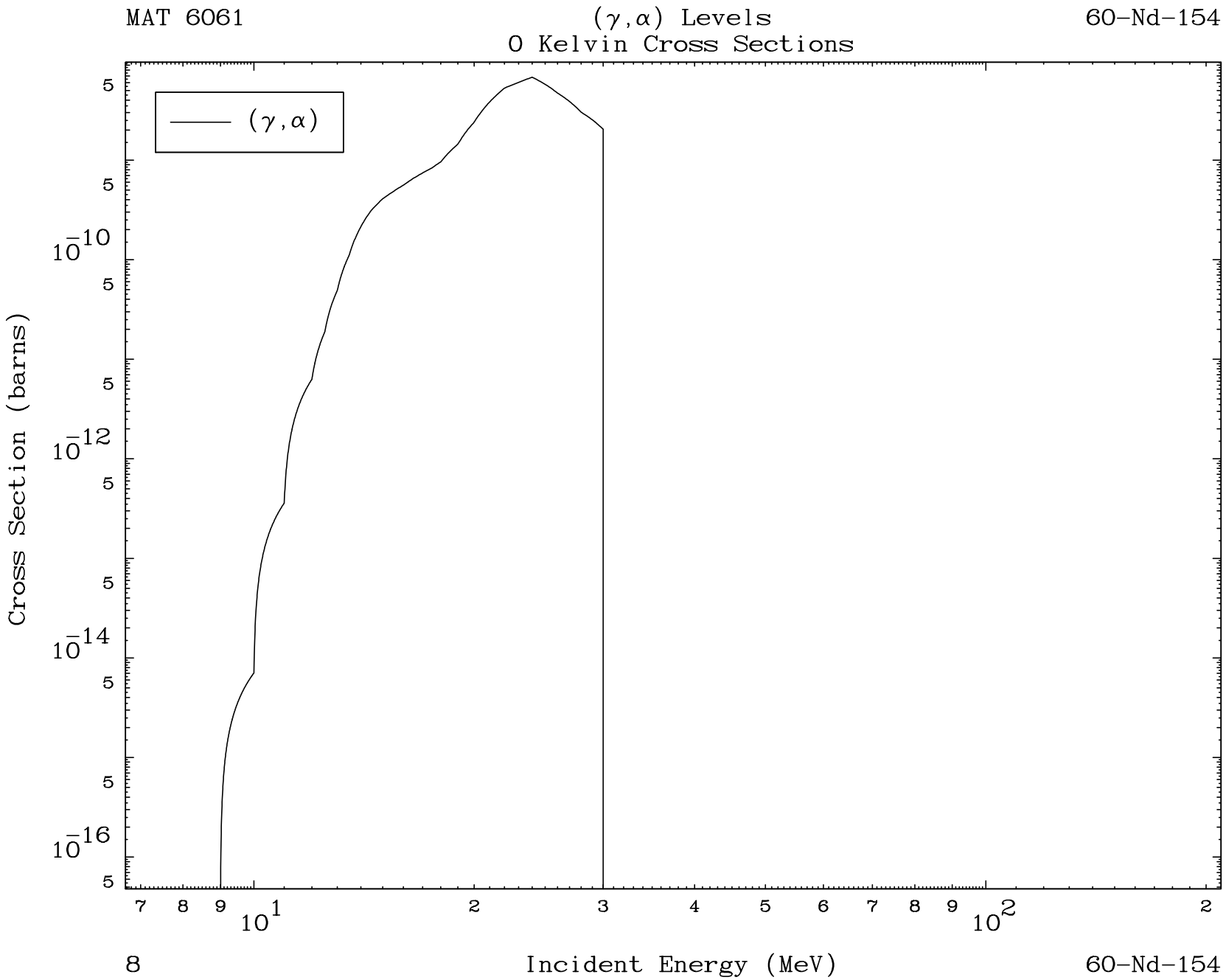

MAT 6061
(γ,n') Level
60-Nd-154
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
60-Nd-154


MAT 6061
(γ,p) Levels
60-Nd-154
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
60-Nd-154

0 Kelvin Cross Sections




MAT 6061
(γ,t) Levels
60-Nd-154
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
60-Nd-154


MAT 6061
(γ,α) Levels
60-Nd-154
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
8
60-Nd-154