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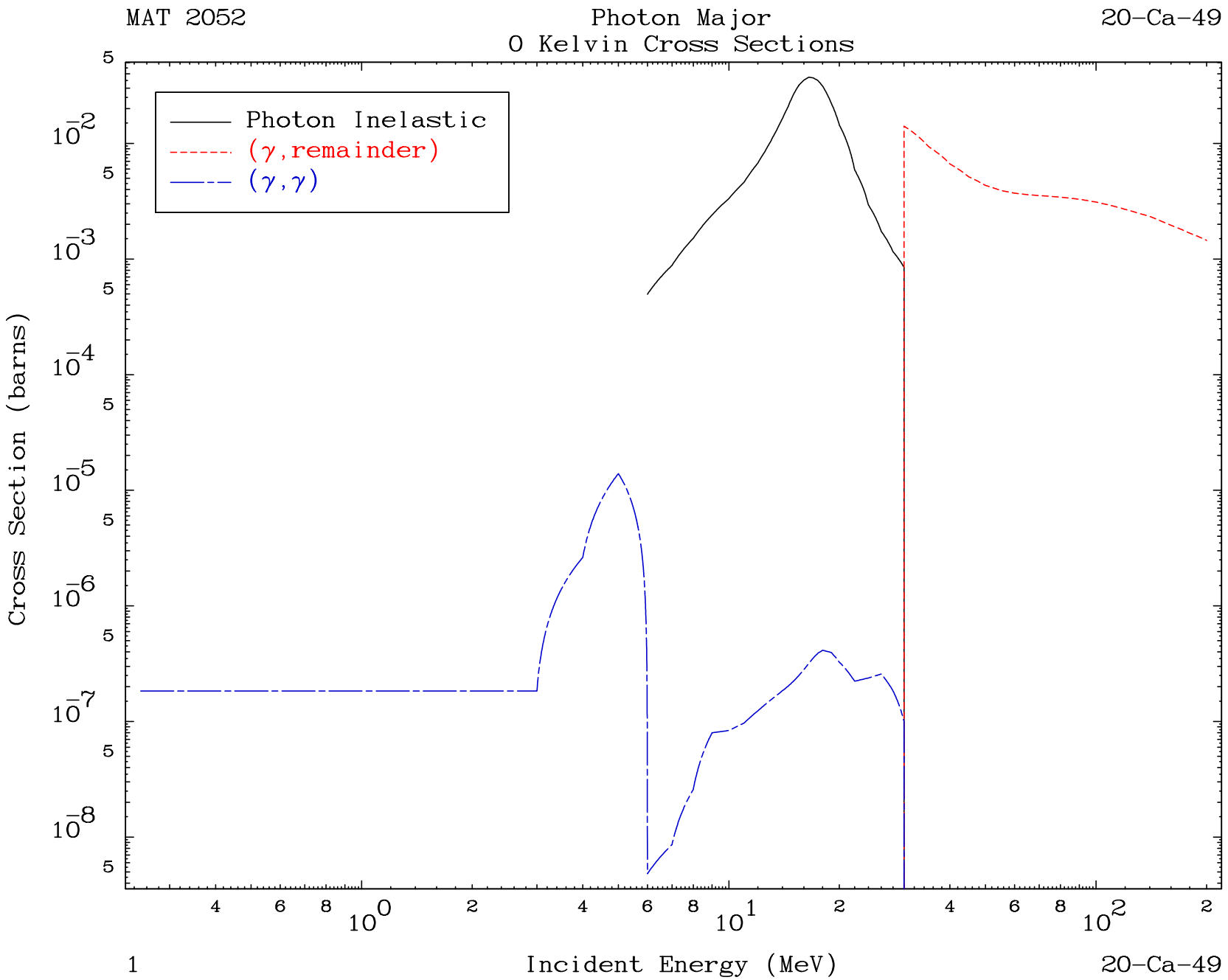
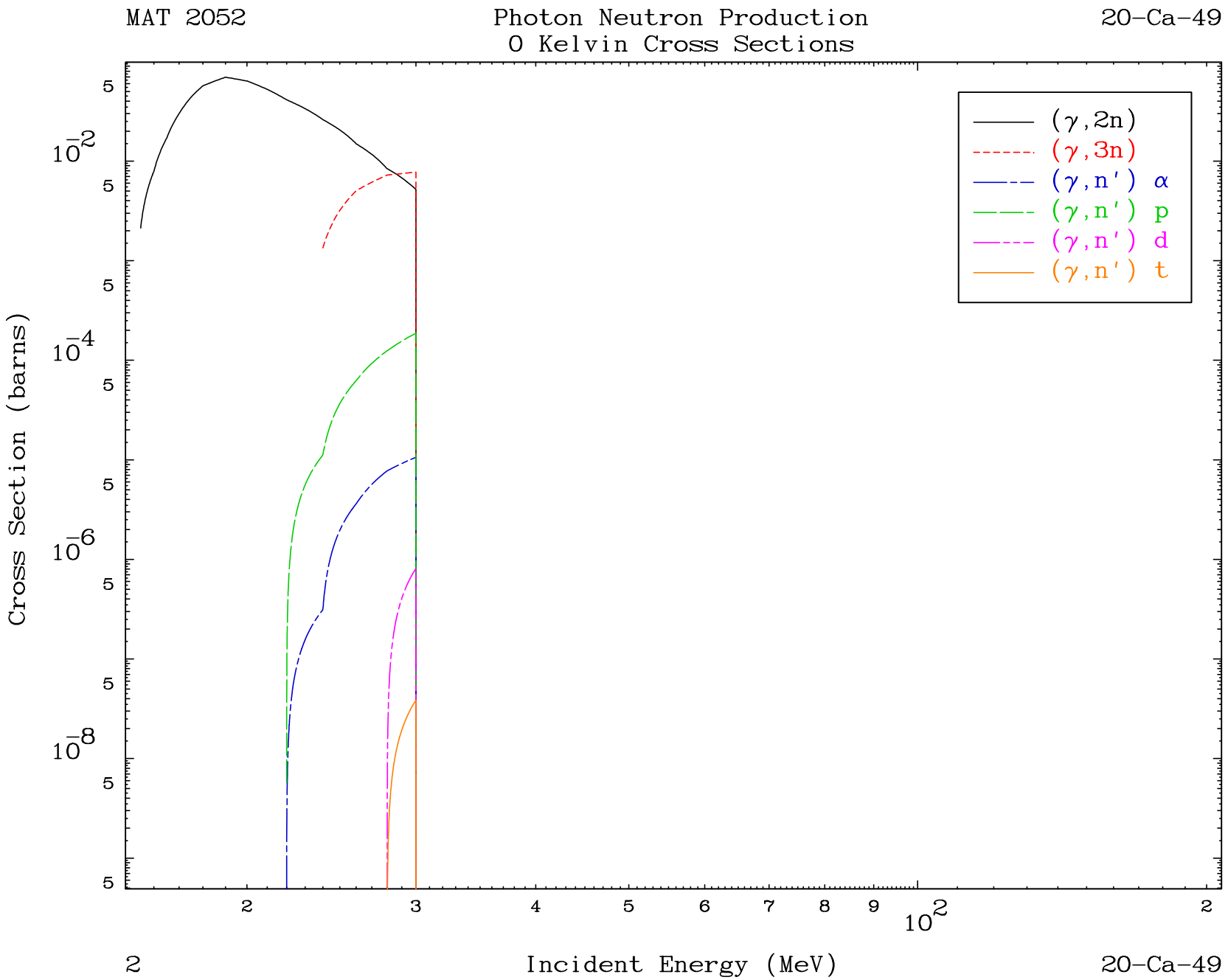
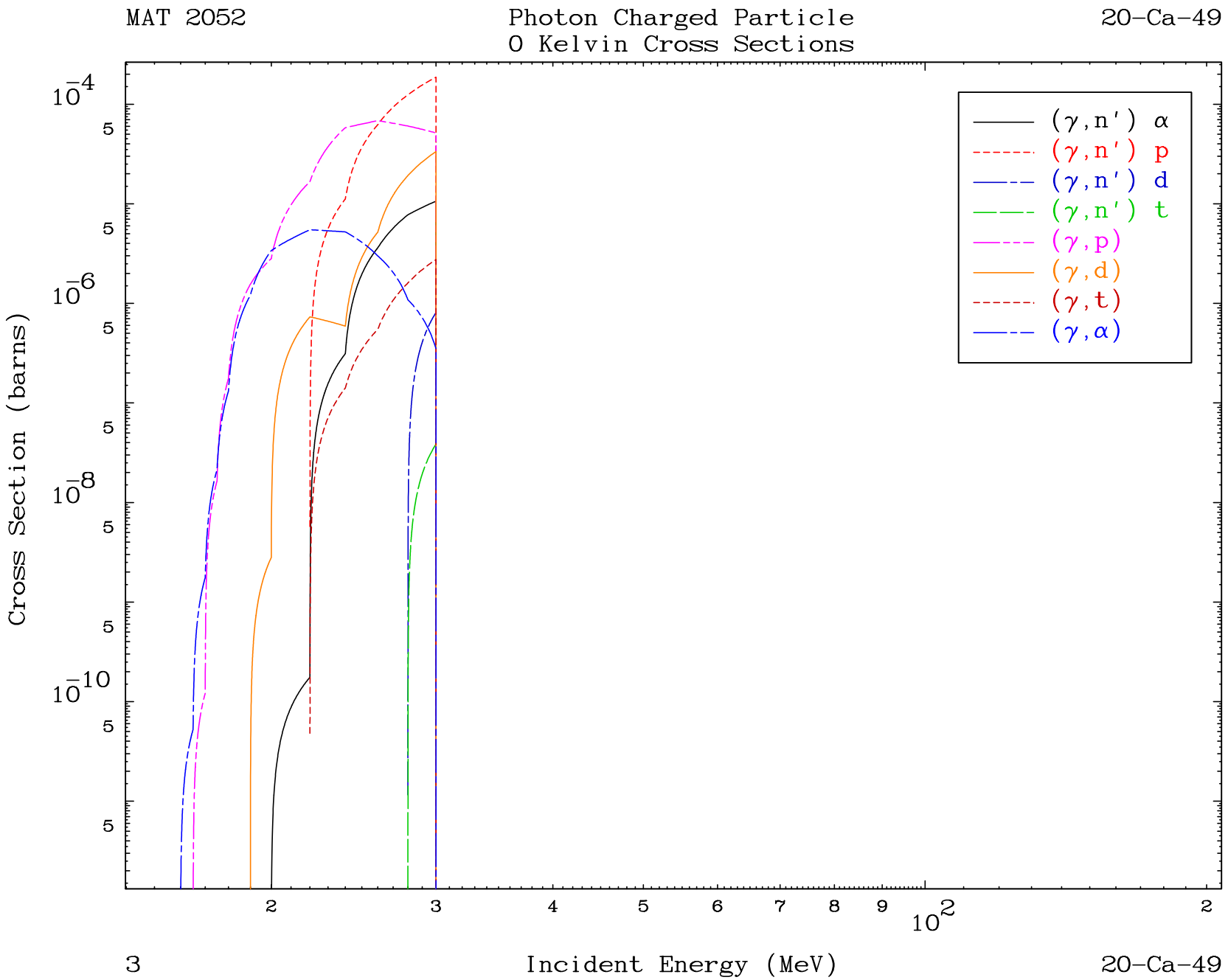
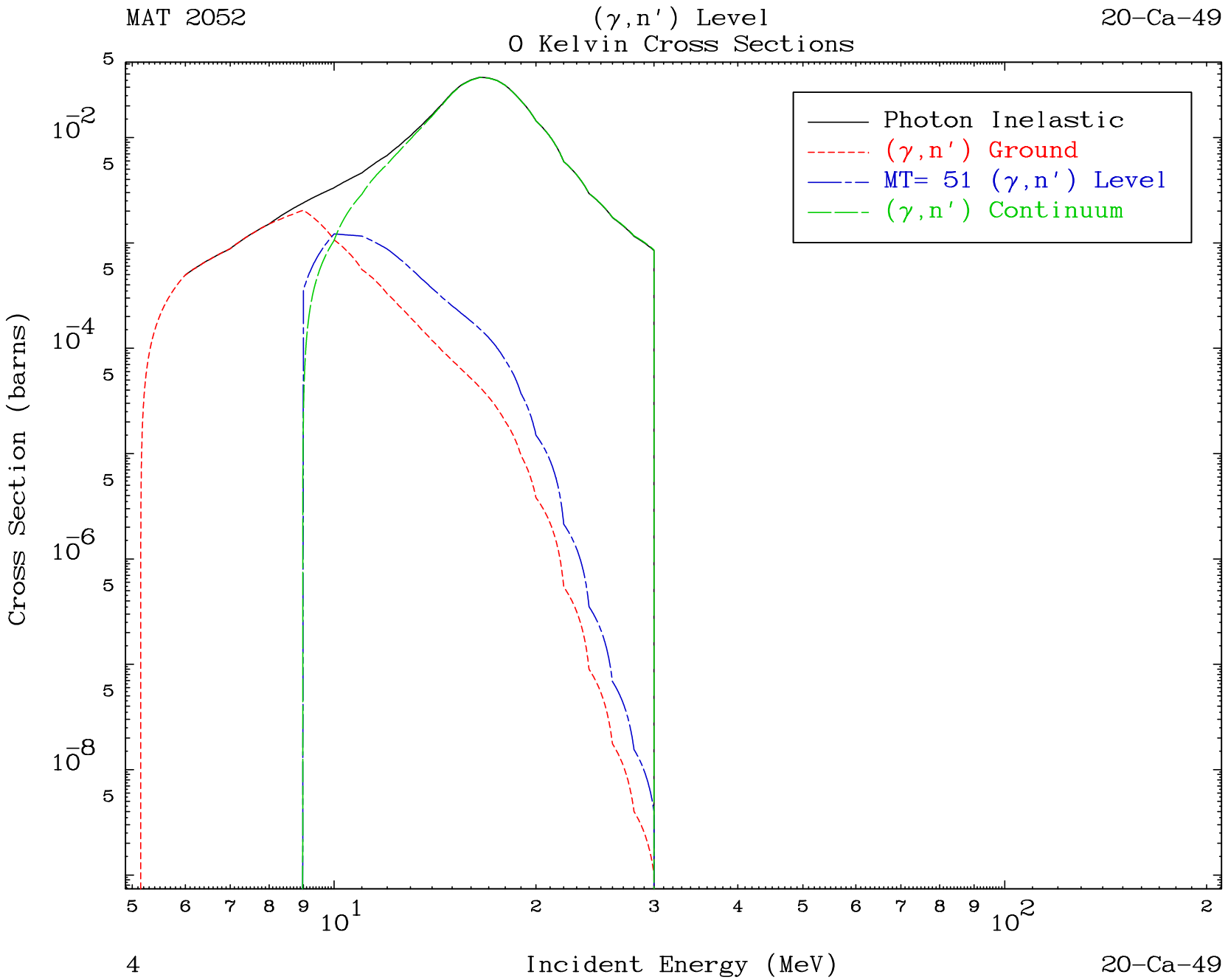
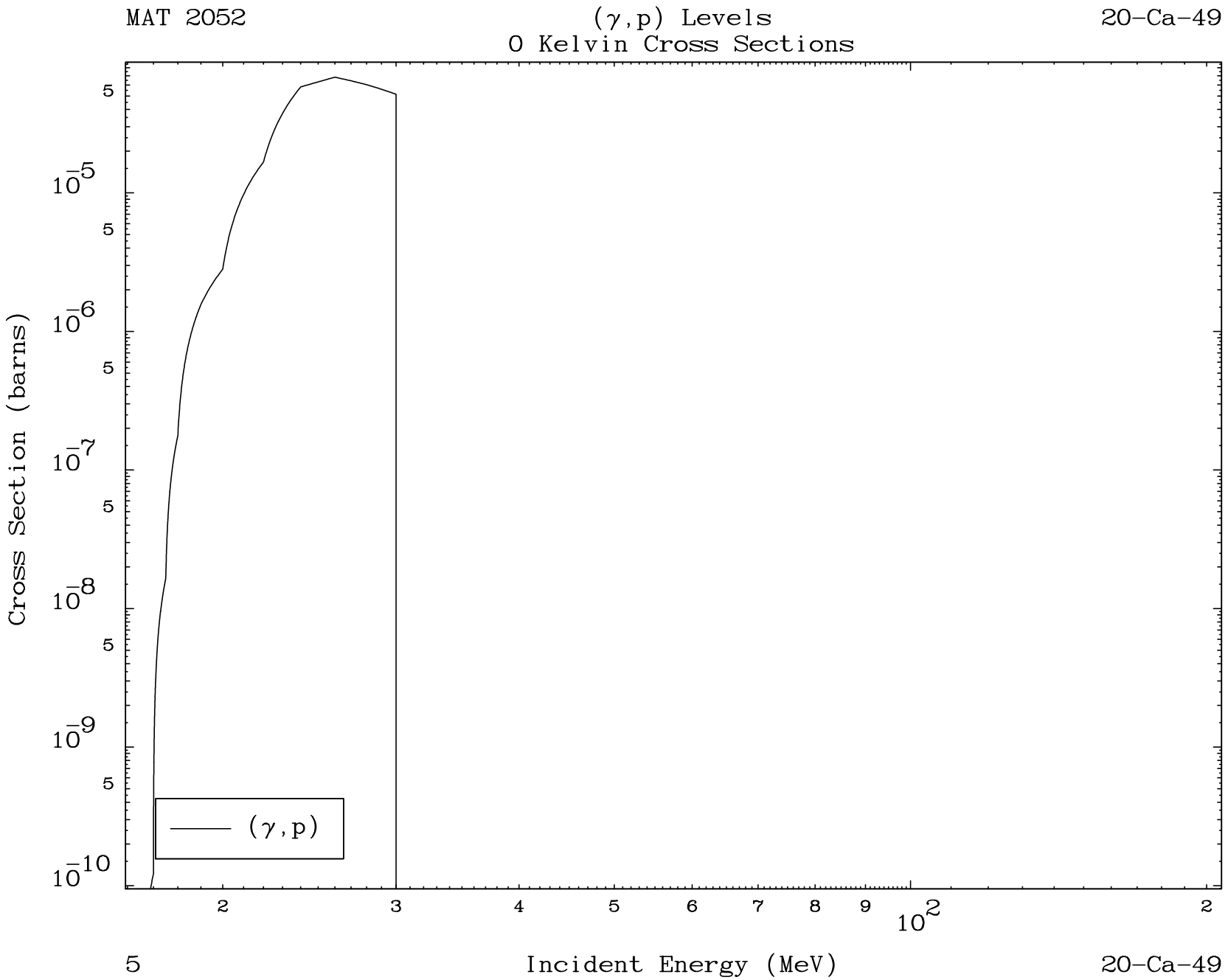
Press Mouse Button to Start

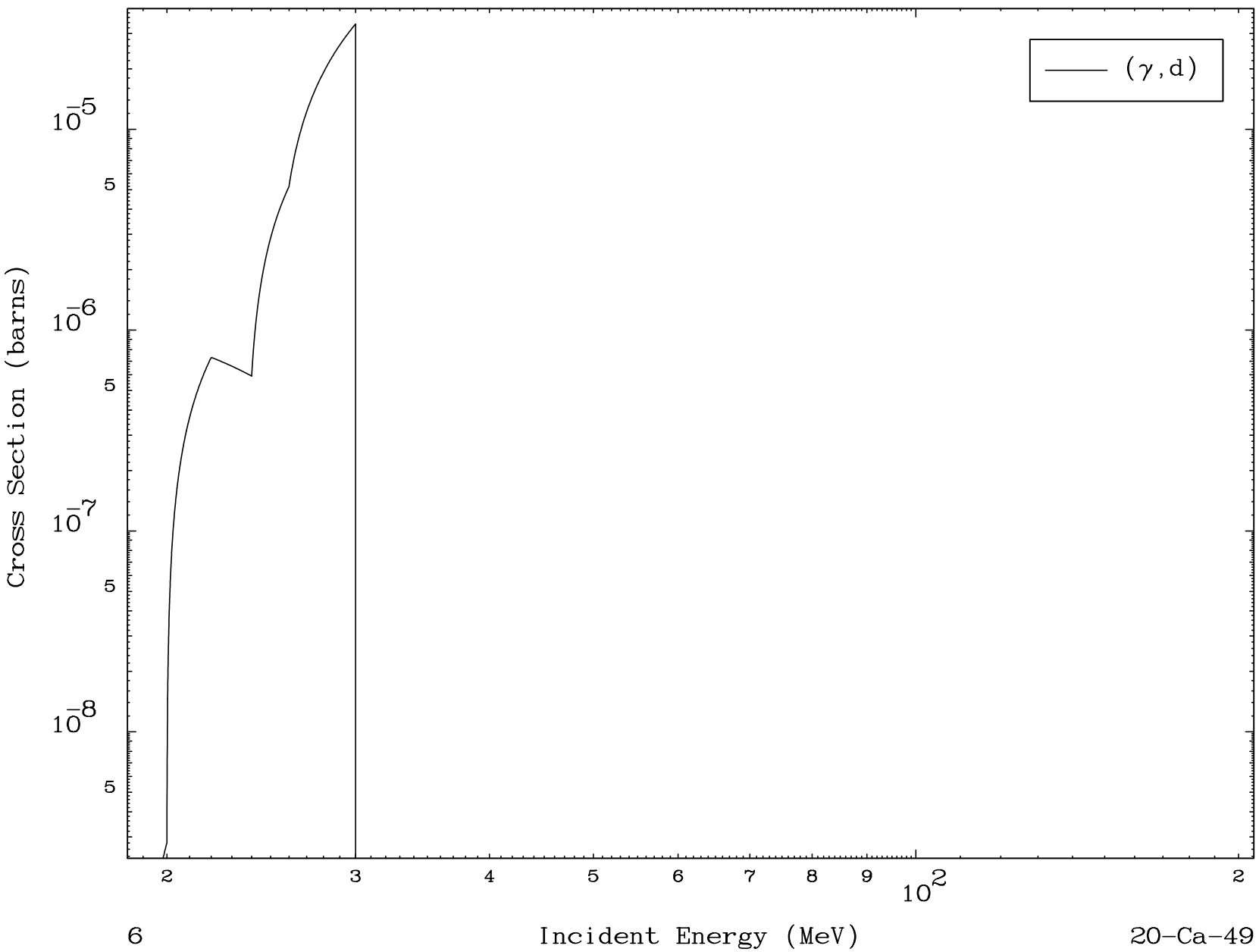

MAT 2052
Photon Major
20-Ca-49
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
20-Ca-49
1

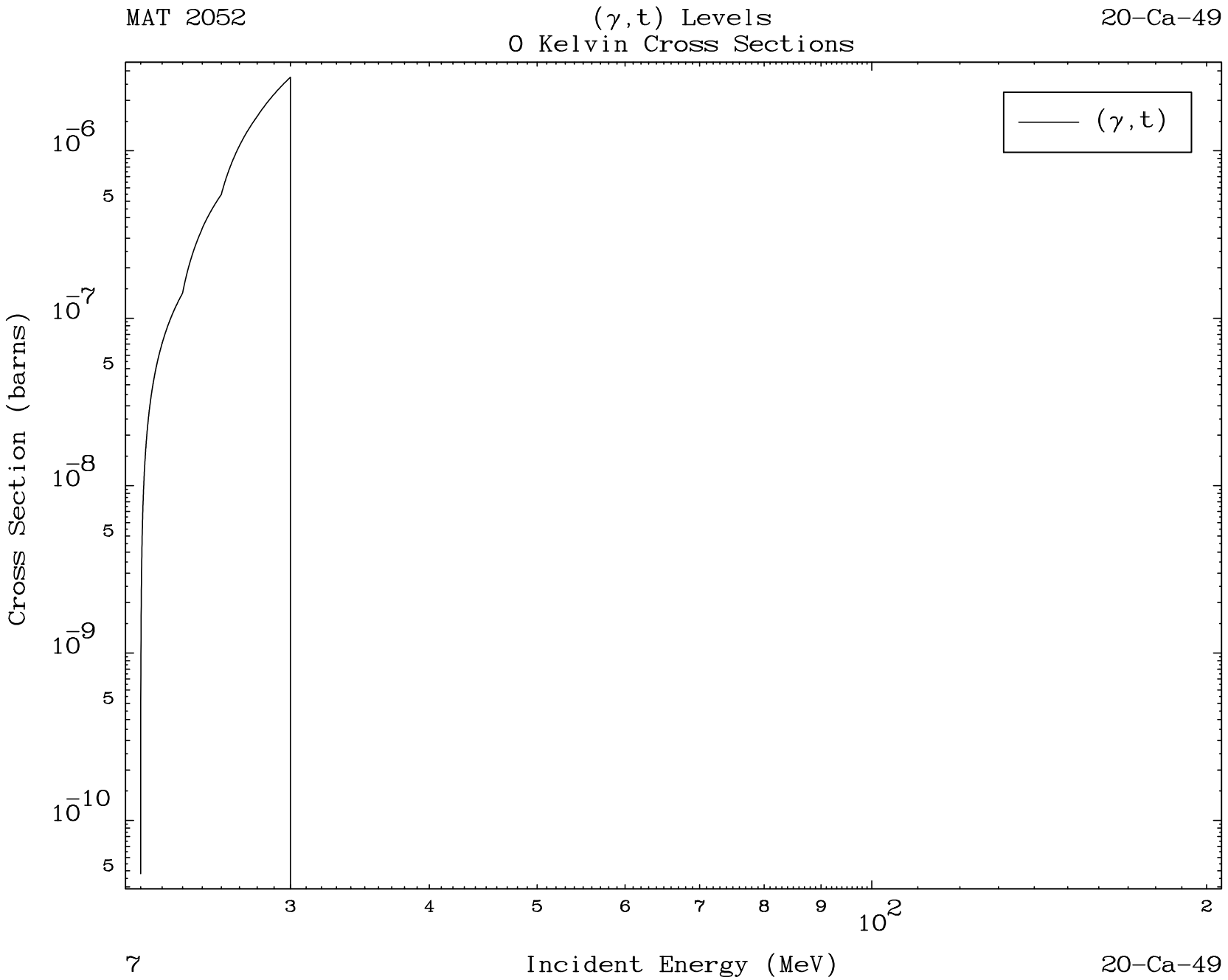

MAT 2052
Photon Neutron Production
0 Kelvin Cross Sections
20-Ca-49
(γ,2n)
(γ,3n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') t
Cross Section (barns)
Incident Energy (MeV)
20-Ca-49

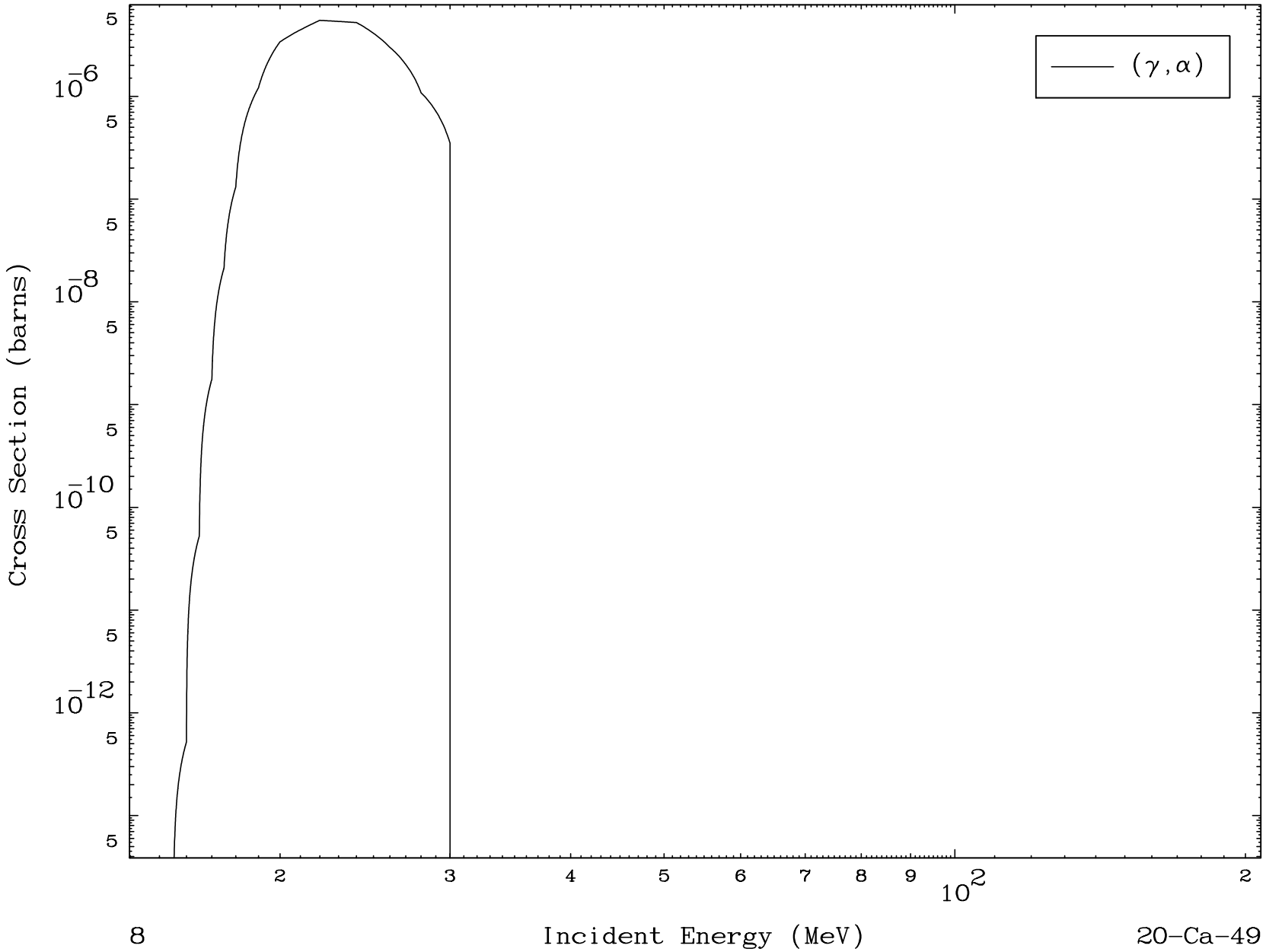

MAT 2052
Photon Charged Particle
0 Kelvin Cross Sections
20-Ca-49
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,p)
(γ,d)
(γ,t)
(γ,α)
2
3
4
5
6
7
8
9
10^2
2
3
Incident Energy (MeV)
20-Ca-49


MAT 2052
(γ,n') Level
20-Ca-49
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
20-Ca-49


MAT 2052
(γ,p) Levels
20-Ca-49
0 Kelvin Cross Sections
Cross Section (barns)
10-5
10-6
10-7
10-8
10-9
10-10
(γ,p)
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
20-Ca-49


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


MAT 2052
(γ,t) Levels
20-Ca-49
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-6
5
10-7
5
10-8
5
10-9
5
10-10
5
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
20-Ca-49


0 Kelvin Cross Sections
(γ,α)
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)