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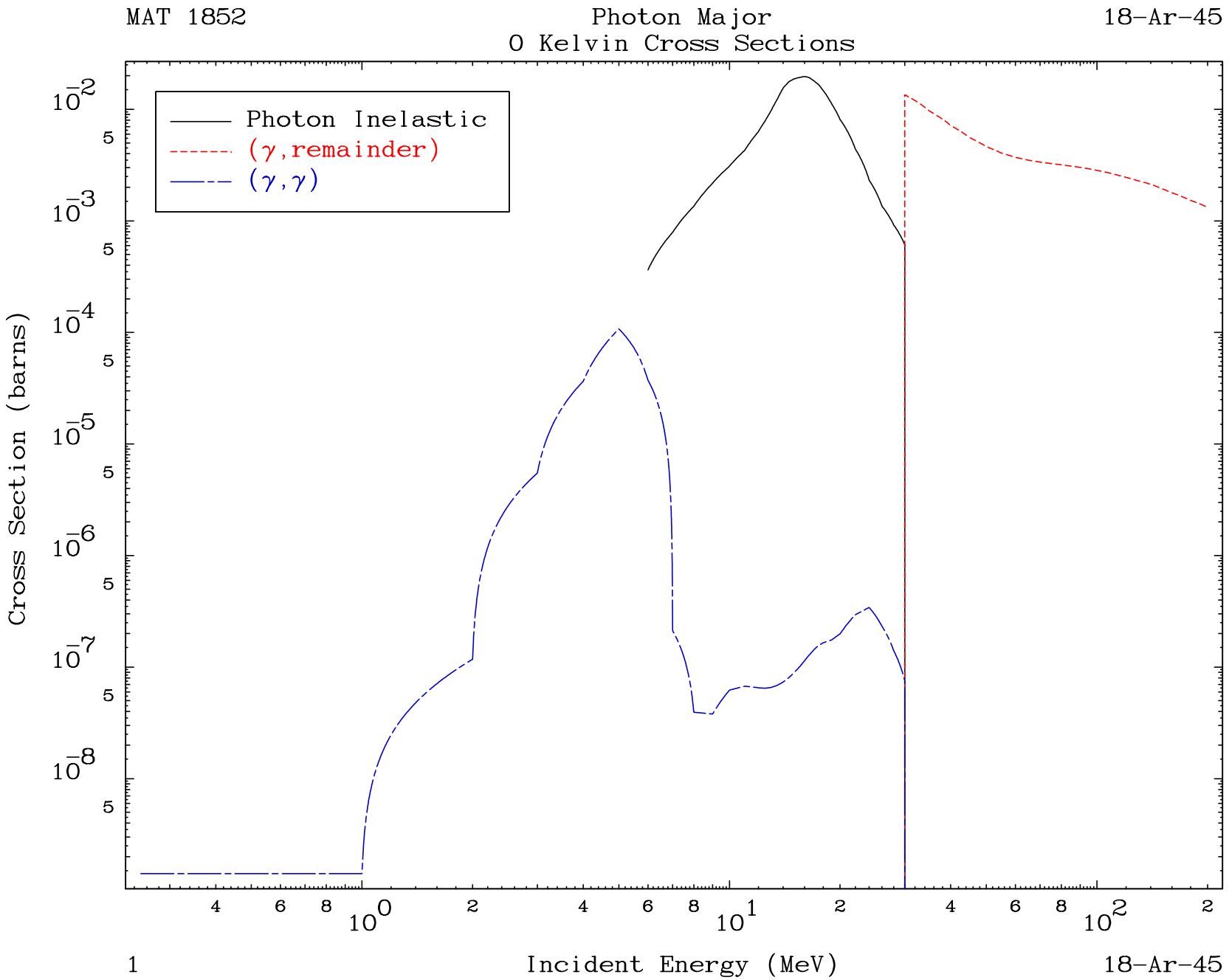
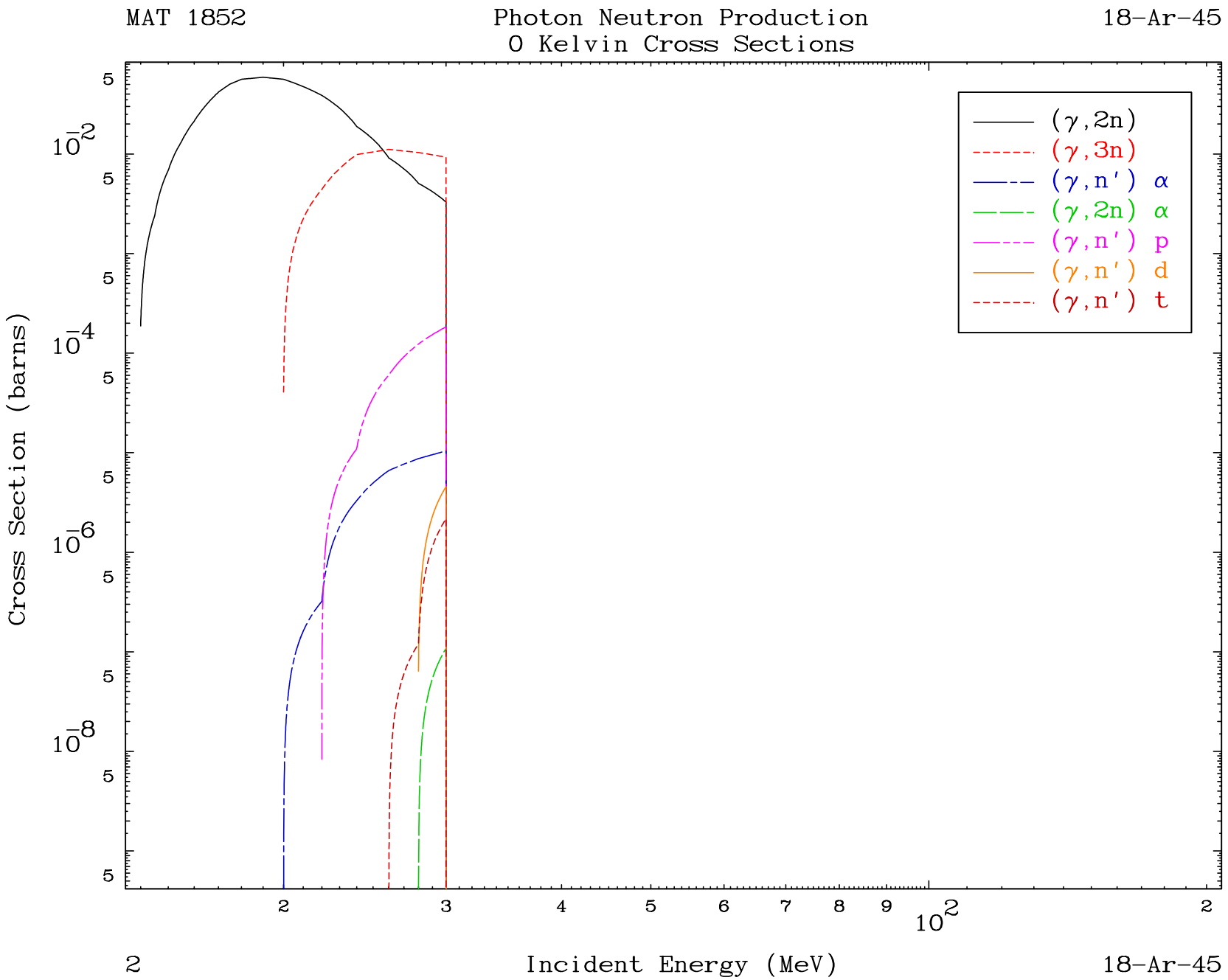
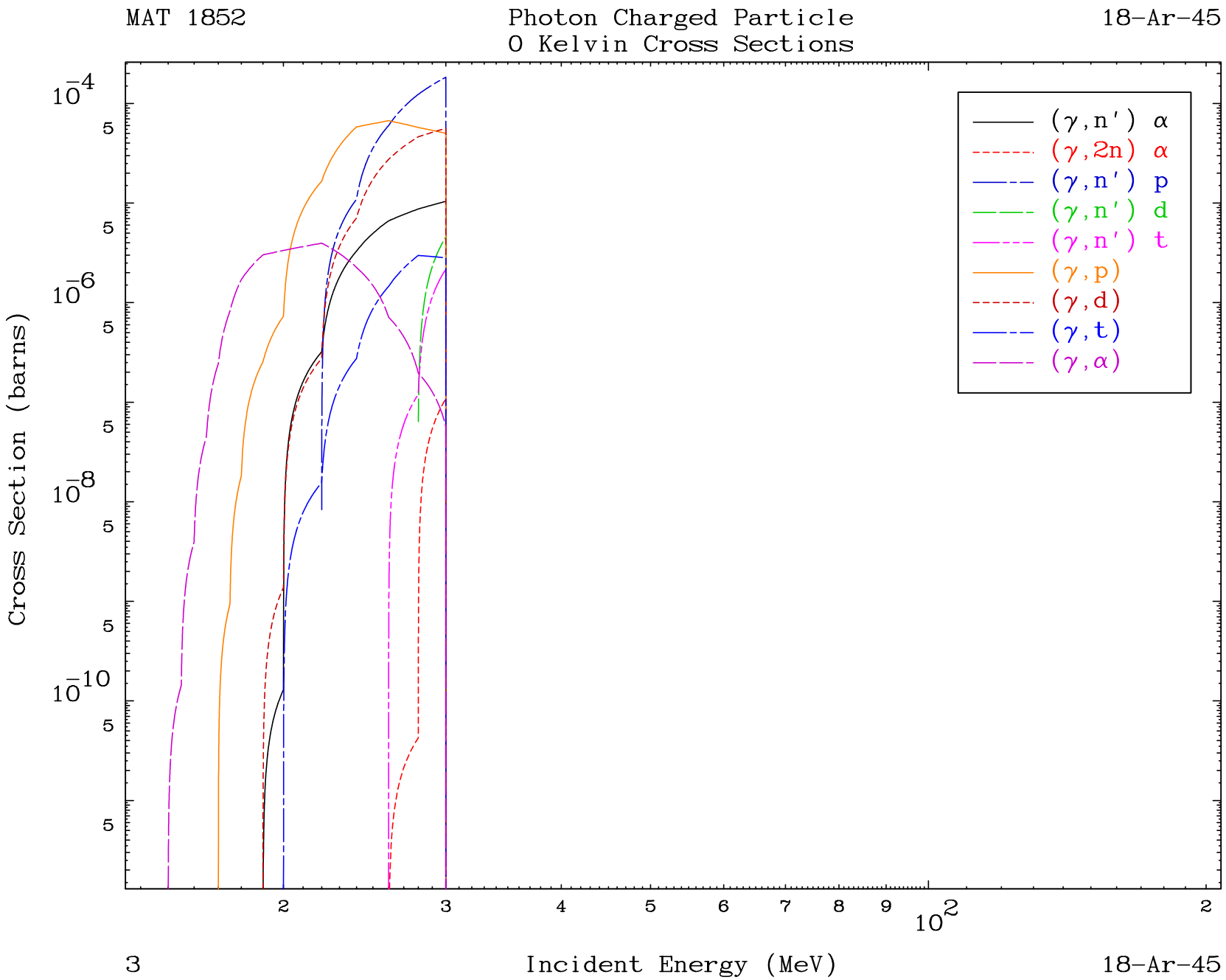
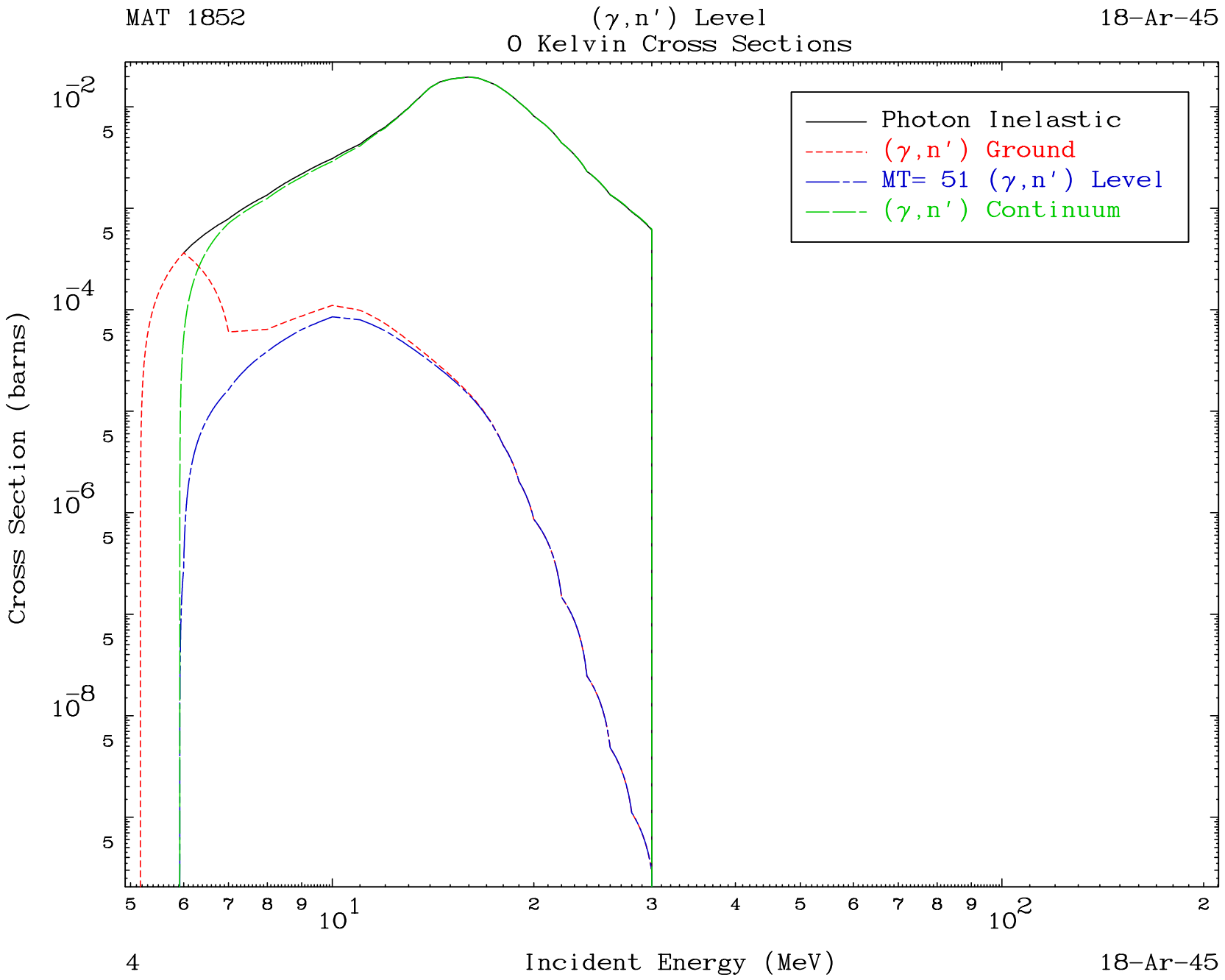
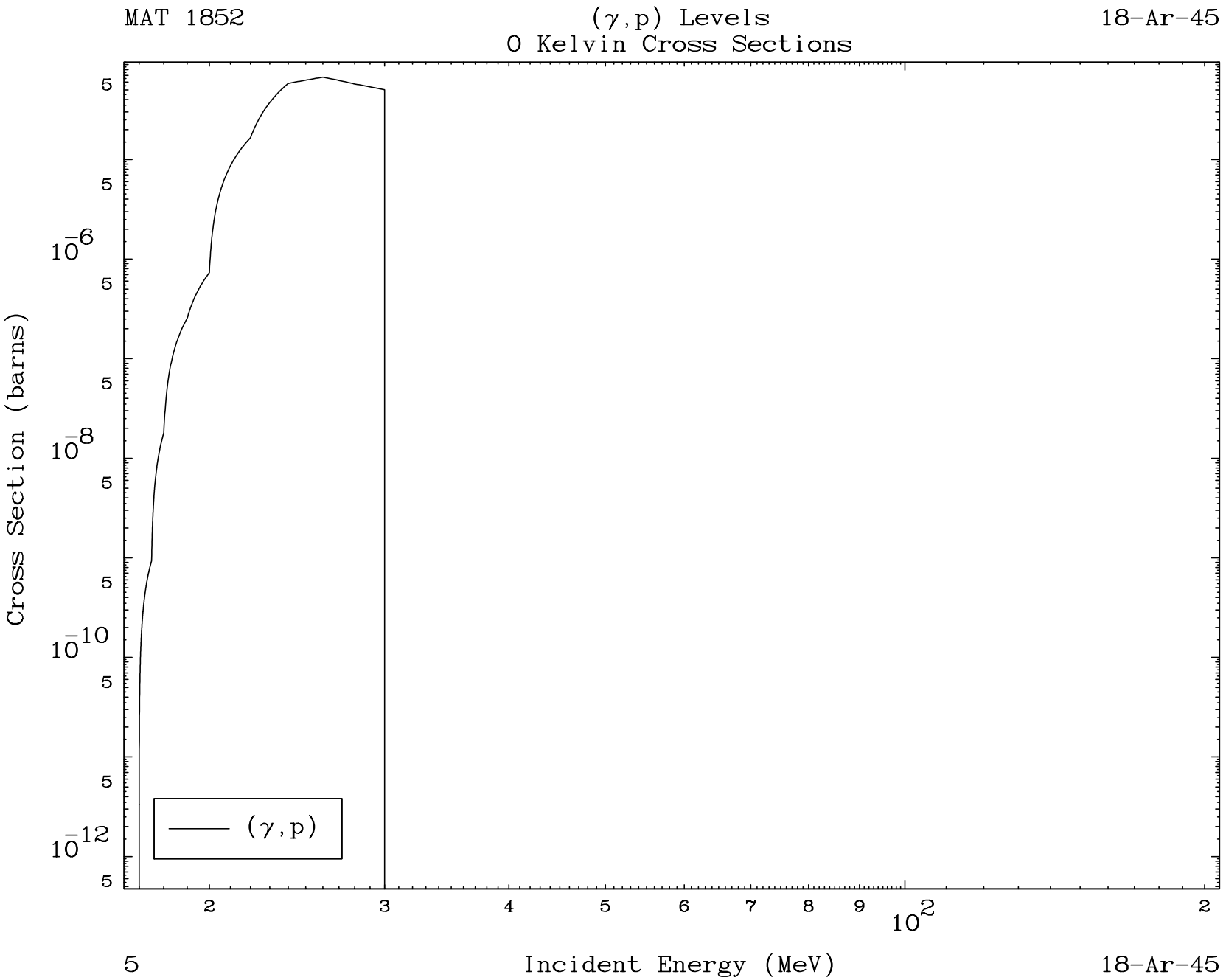
Press Mouse Button to Start

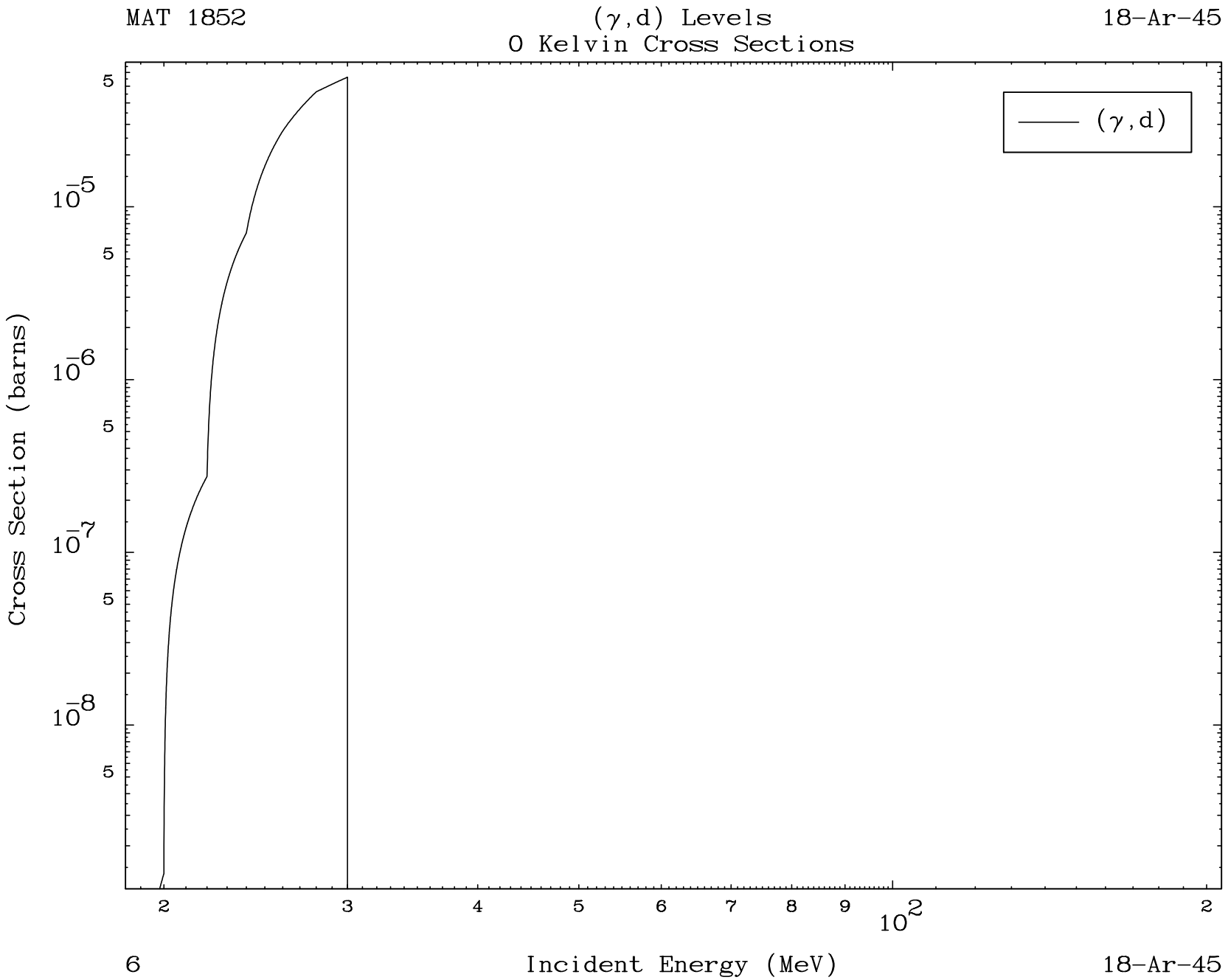

MAT 1852
Photon Major
18-Ar-45
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
1
18-Ar-45

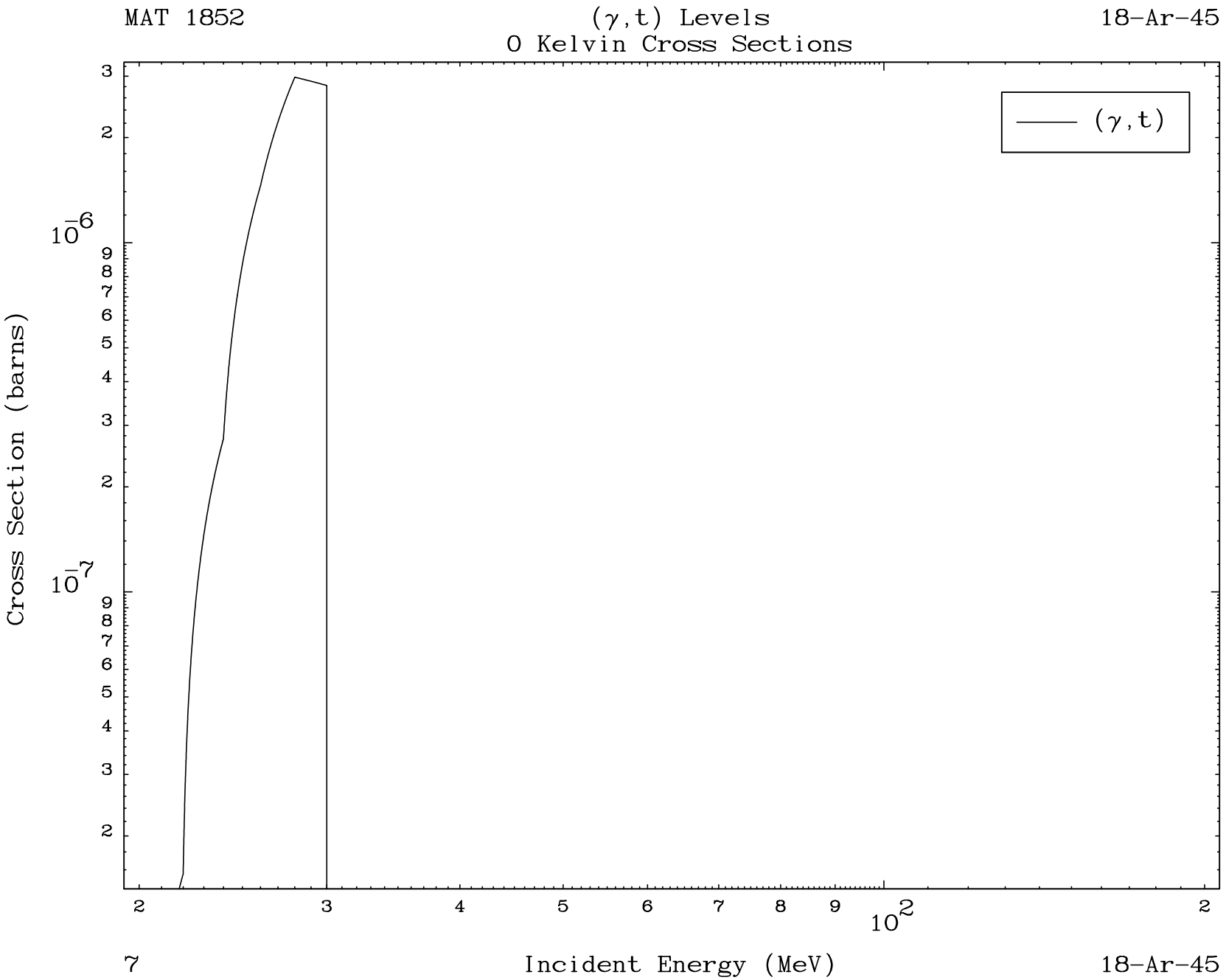

MAT 1852
Photon Neutron Production
0 Kelvin Cross Sections
18-Ar-45
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
Cross Section (barns)
Incident Energy (MeV)
2
18-Ar-45

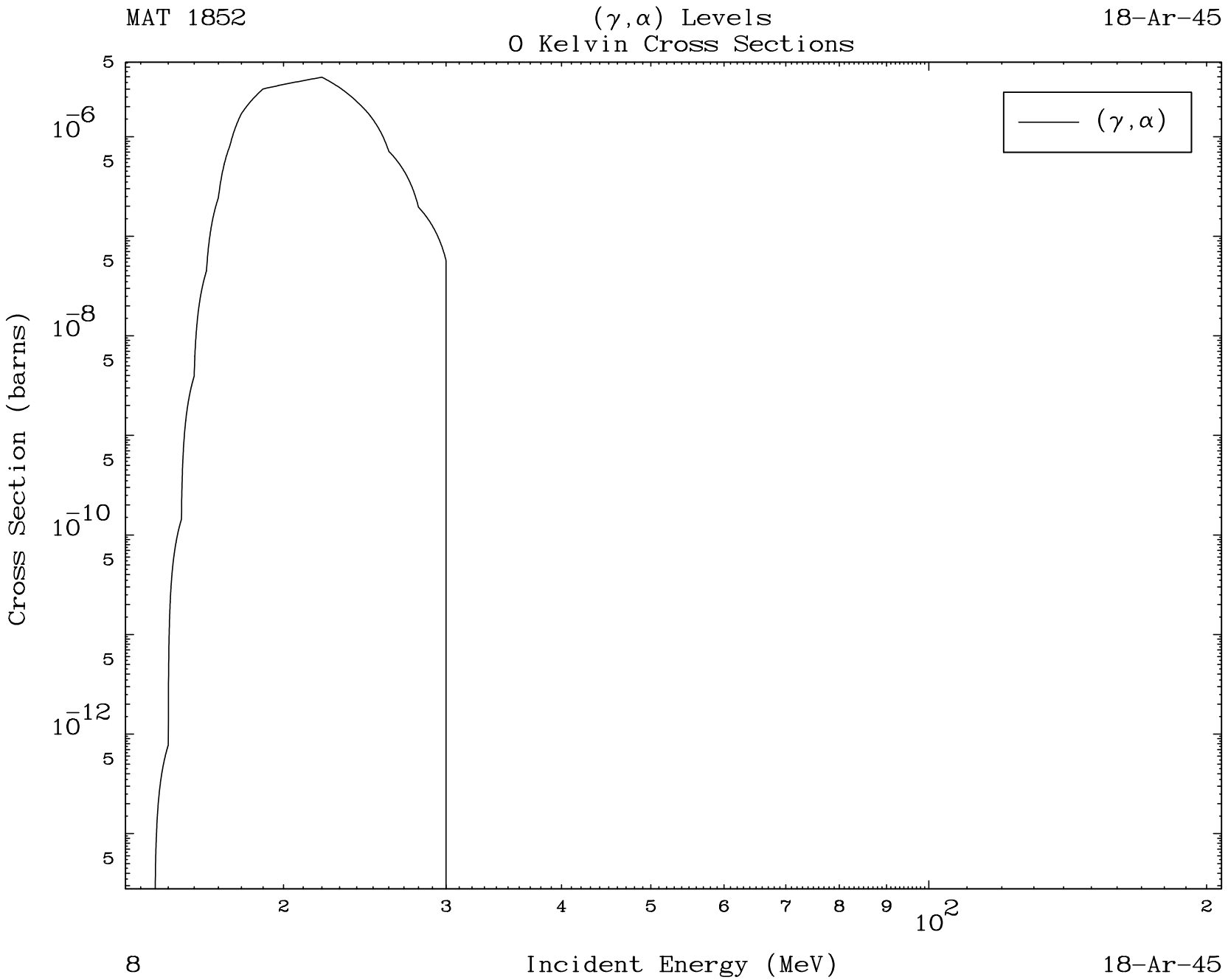

MAT 1852
Photon Charged Particle
0 Kelvin Cross Sections
18-Ar-45
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,p)
(γ,d)
(γ,t)
(γ,α)
2
3
4
5
6
7
8
9
10^2
2
3
Incident Energy (MeV)
18-Ar-45


MAT 1852
(γ,n') Level
18-Ar-45
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
18-Ar-45


MAT 1852
(γ,p) Levels
18-Ar-45
0 Kelvin Cross Sections
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
(γ,p)
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
18-Ar-45


MAT 1852
(γ,d) Levels
18-Ar-45
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10-5
10-6
10-7
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
6
18-Ar-45


MAT 1852
(γ,t) Levels
18-Ar-45
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-6
10^-7
10^2
Incident Energy (MeV)
7
18-Ar-45


MAT 1852
(γ,α) Levels
18-Ar-45
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
8
Incident Energy (MeV)
18-Ar-45