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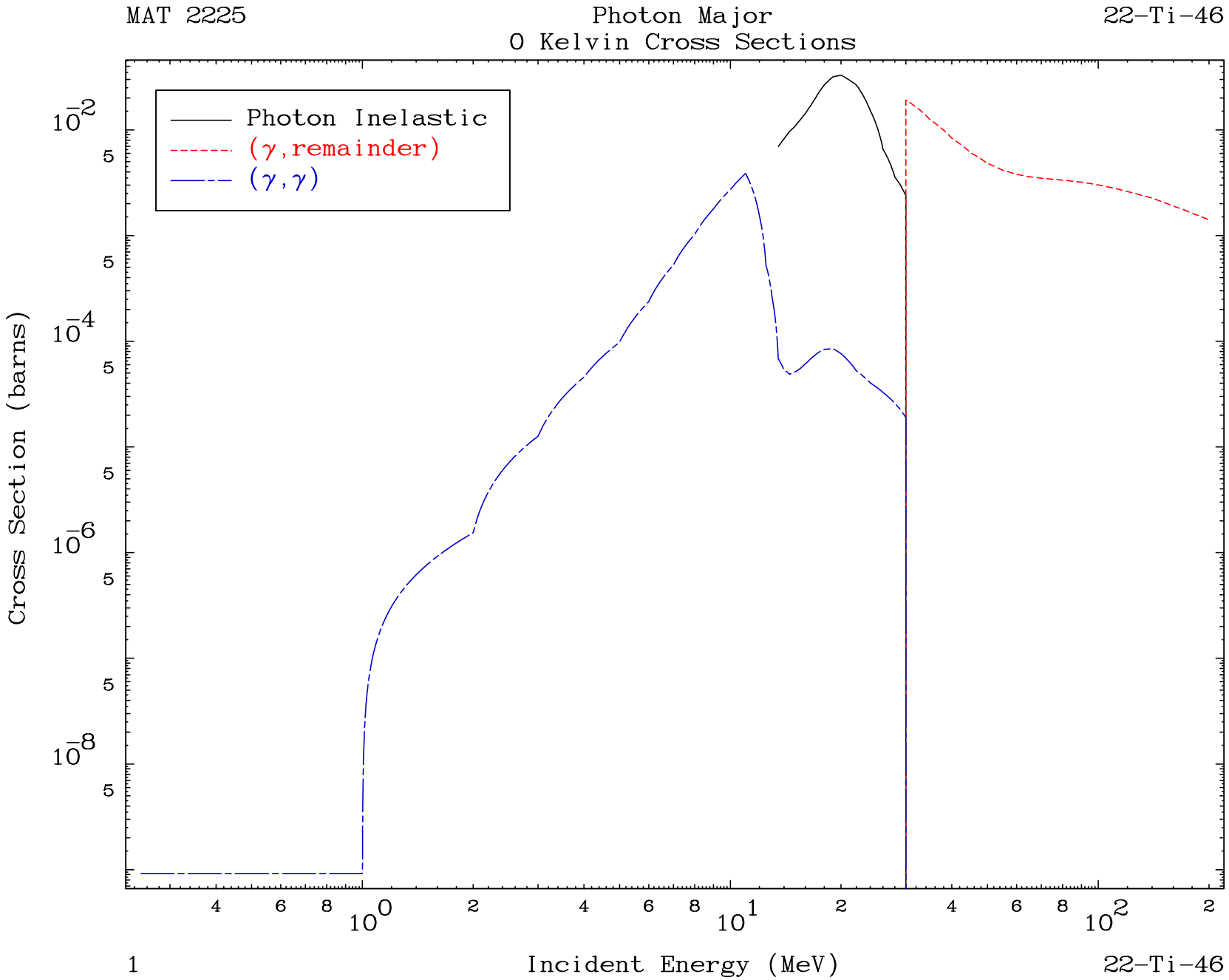
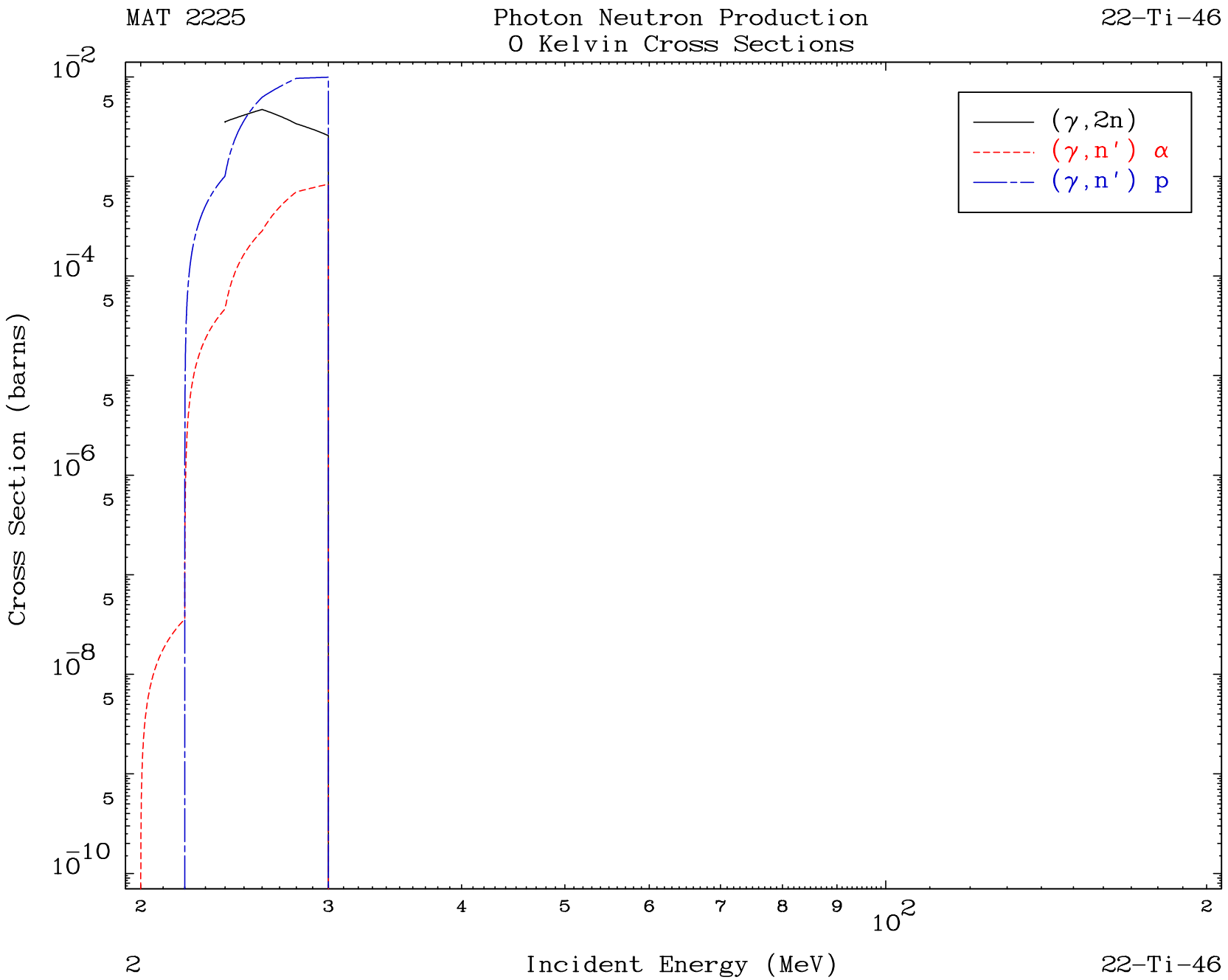
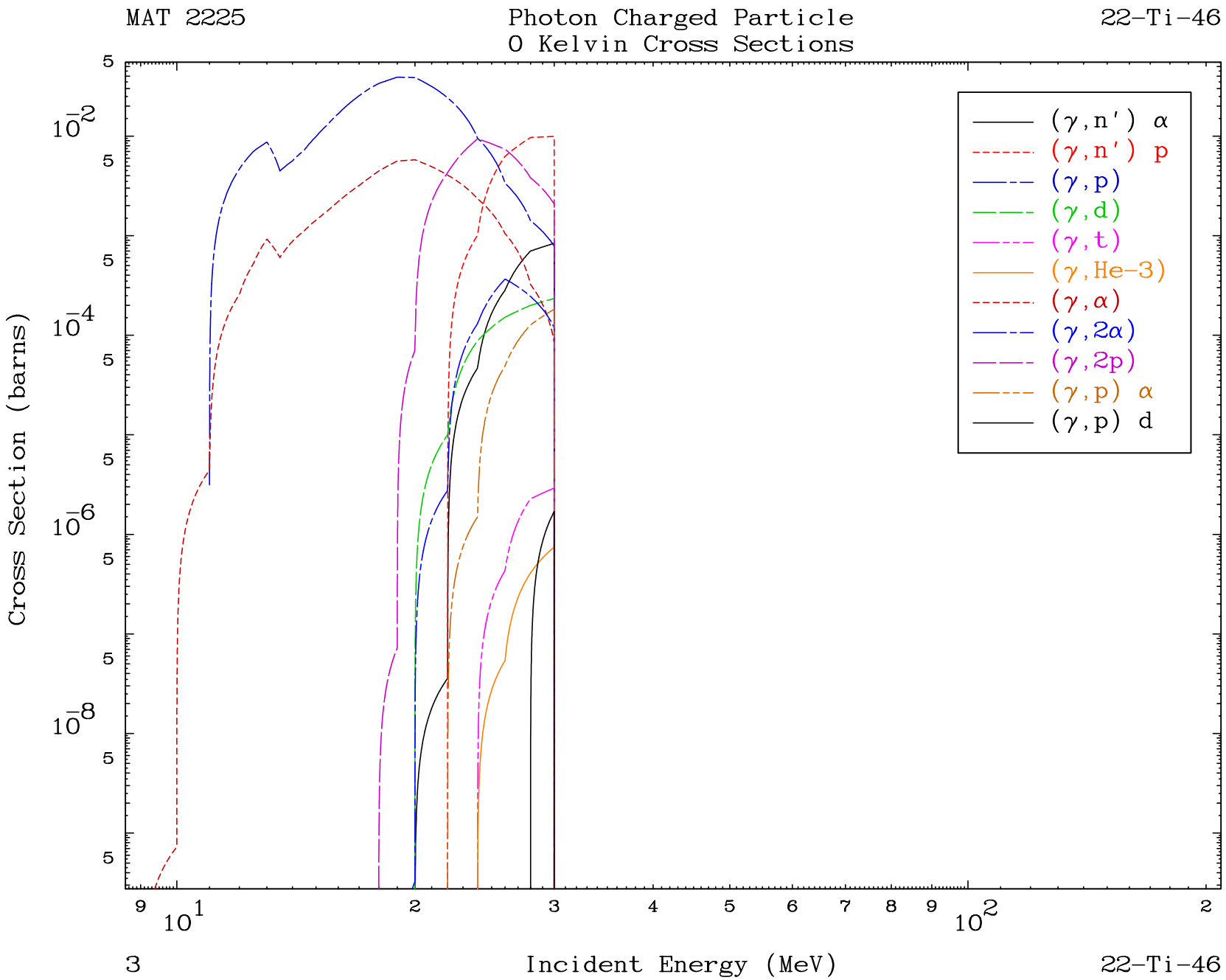
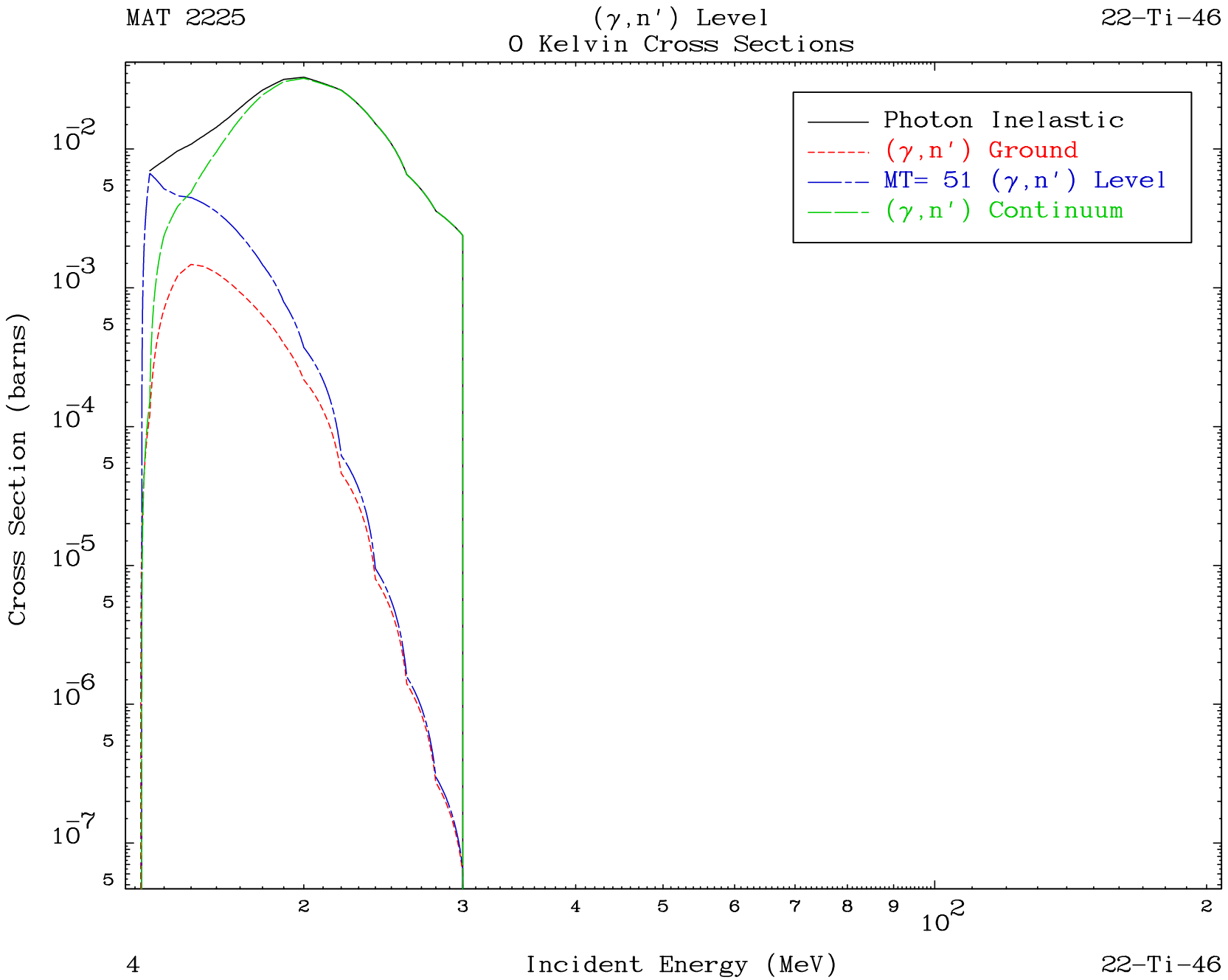
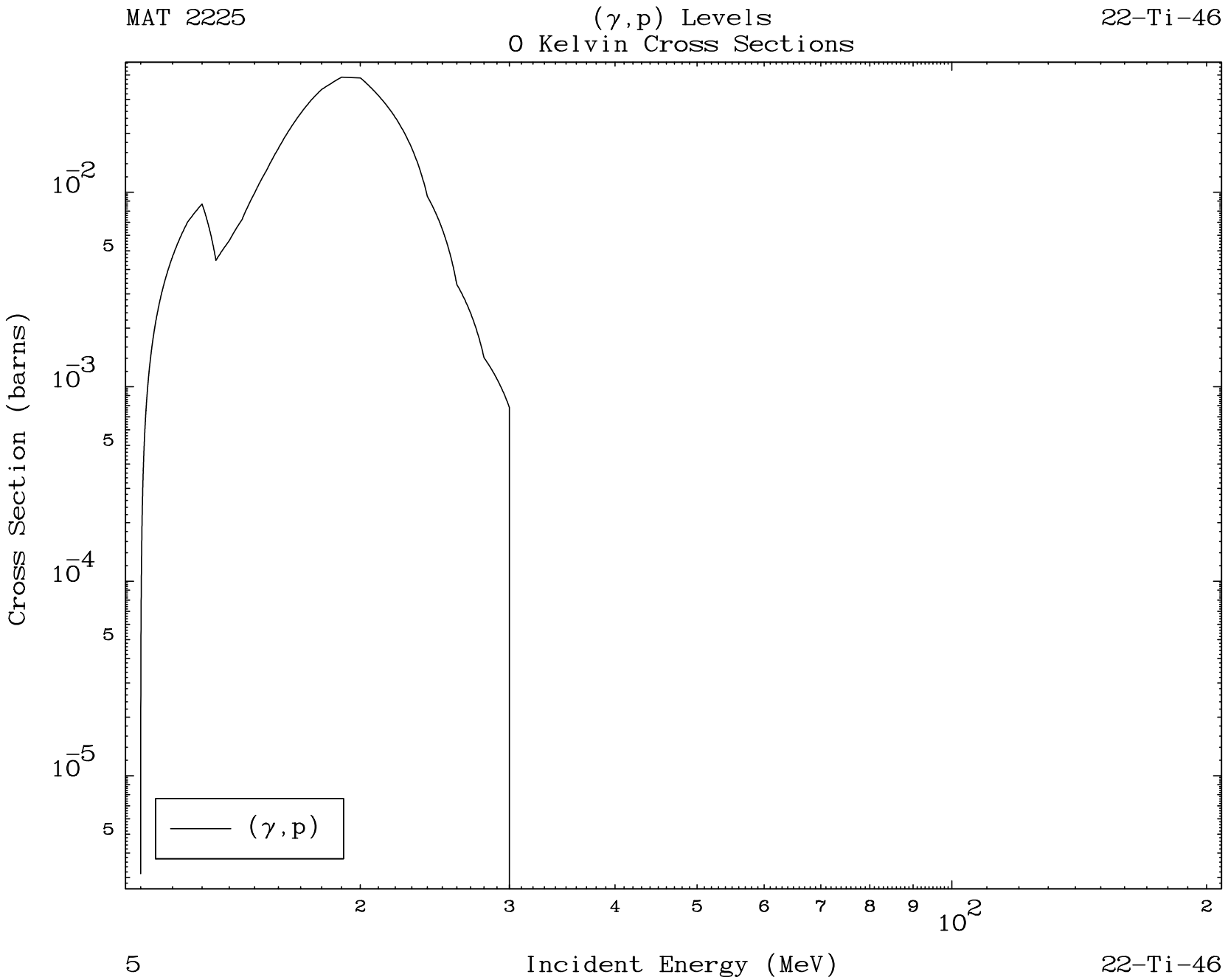
Press Mouse Button to Start

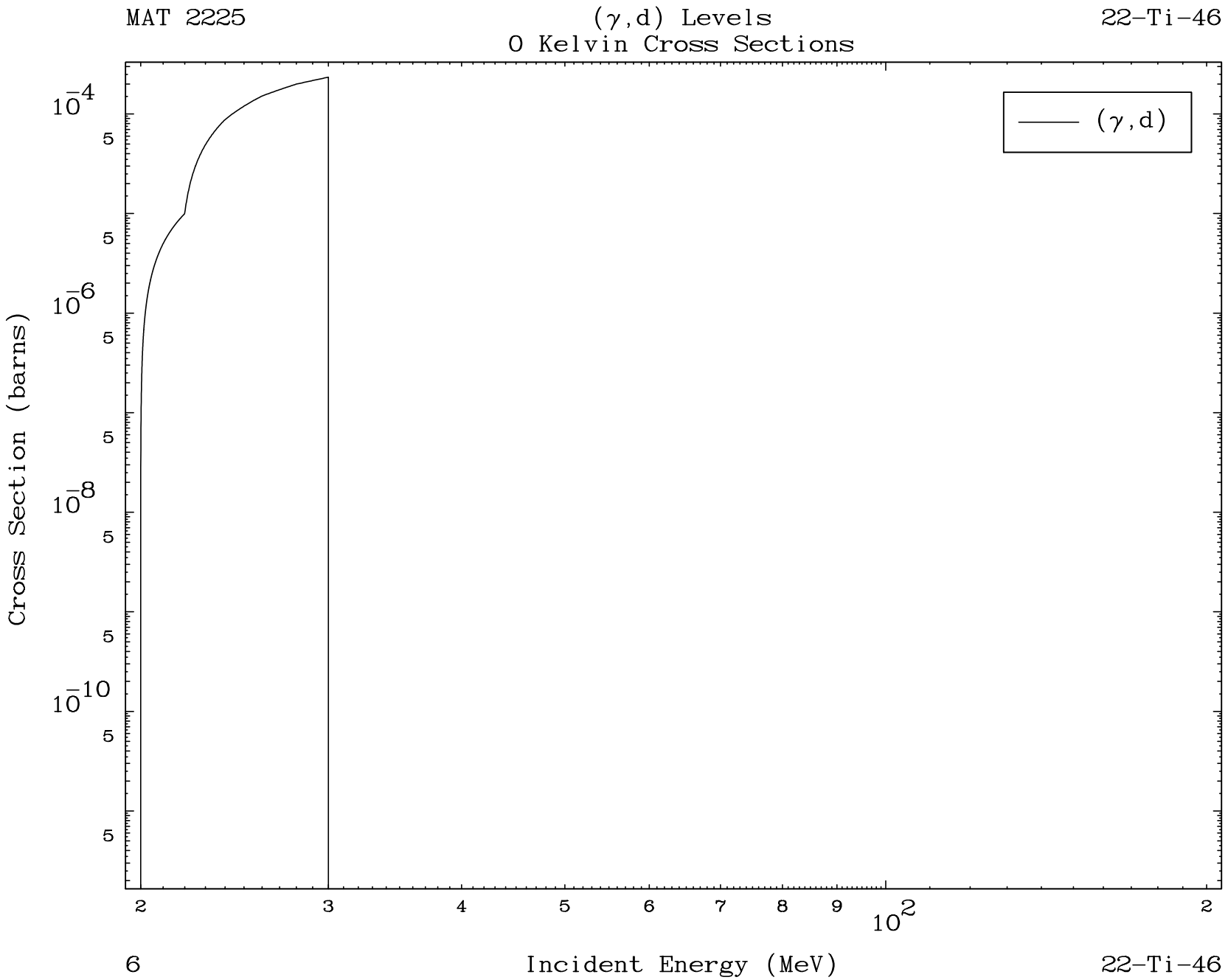

MAT 2225
Photon Major
22-Ti-46
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-46

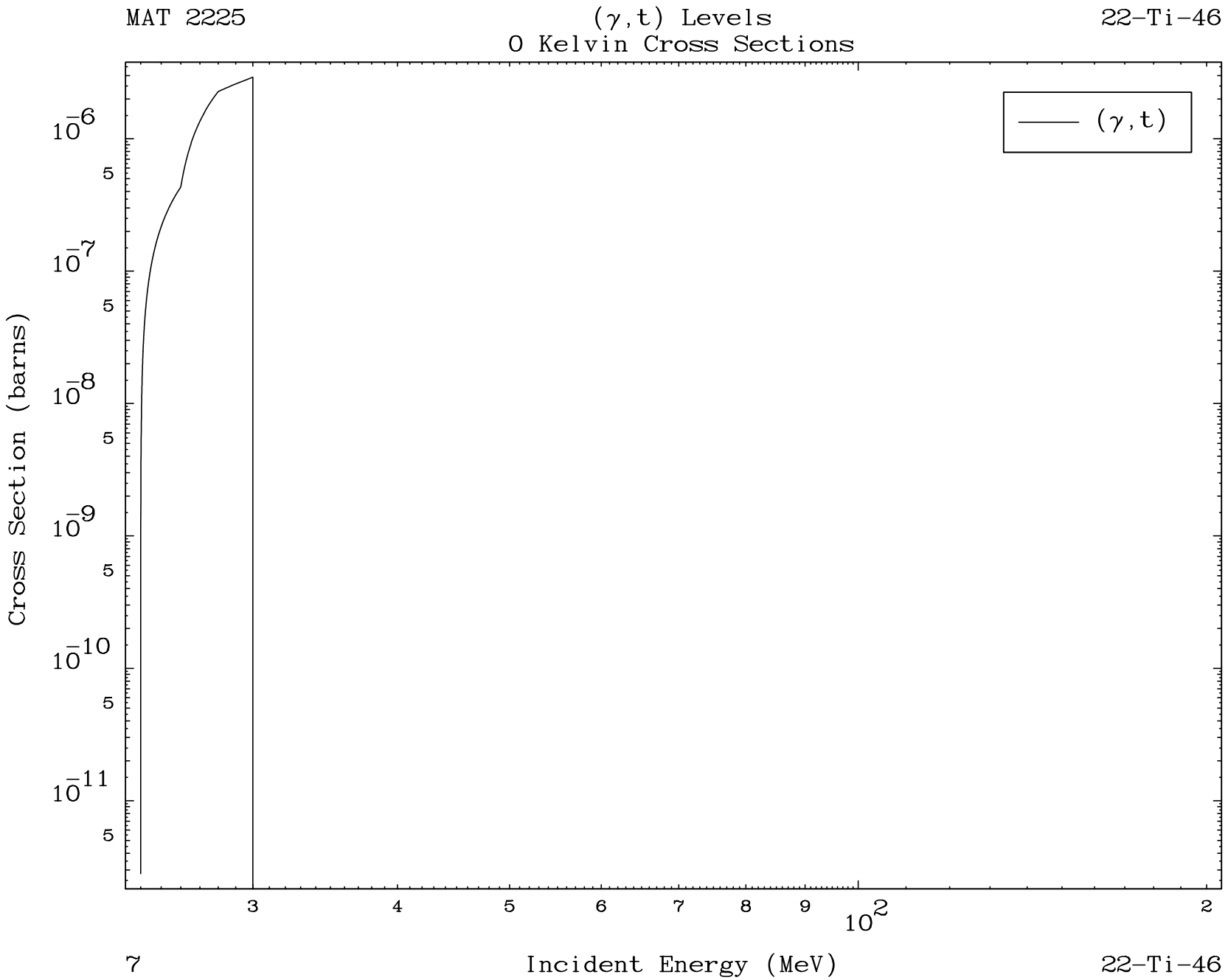

MAT 2225
Photon Neutron Production
0 Kelvin Cross Sections
22-Ti-46
(γ,2n)
(γ,n') α
(γ,n') p
Cross Section (barns)
Incident Energy (MeV)
22-Ti-46

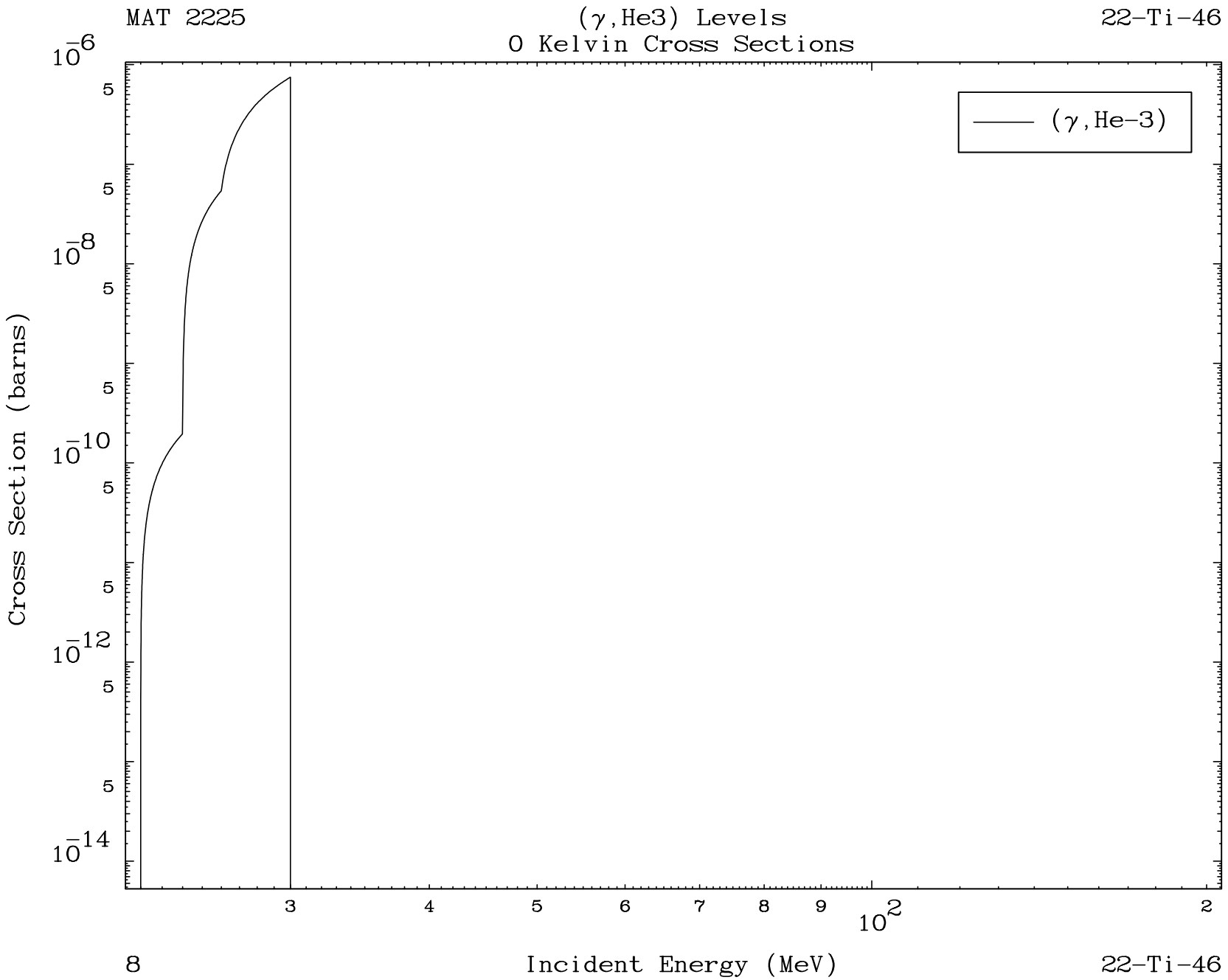

MAT 2225
Photon Charged Particle
0 Kelvin Cross Sections
22-Ti-46
Cross Section (barns)
Incident Energy (MeV)
3
22-Ti-46
(γ,n') α
(γ,n') p
(γ,p)
(γ,d)
(γ,t)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d

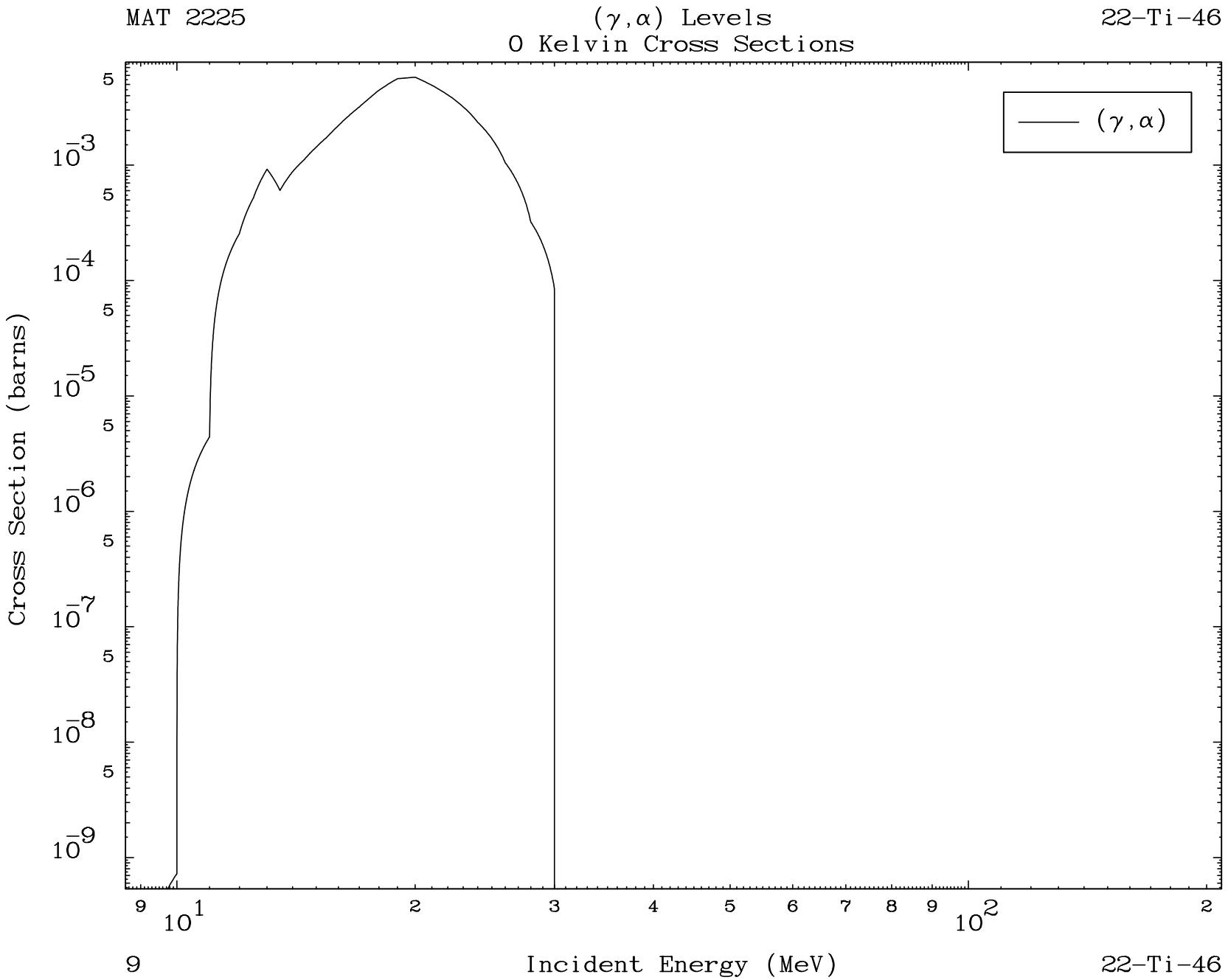

MAT 2225
(γ,n') Level
22-Ti-46
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
22-Ti-46

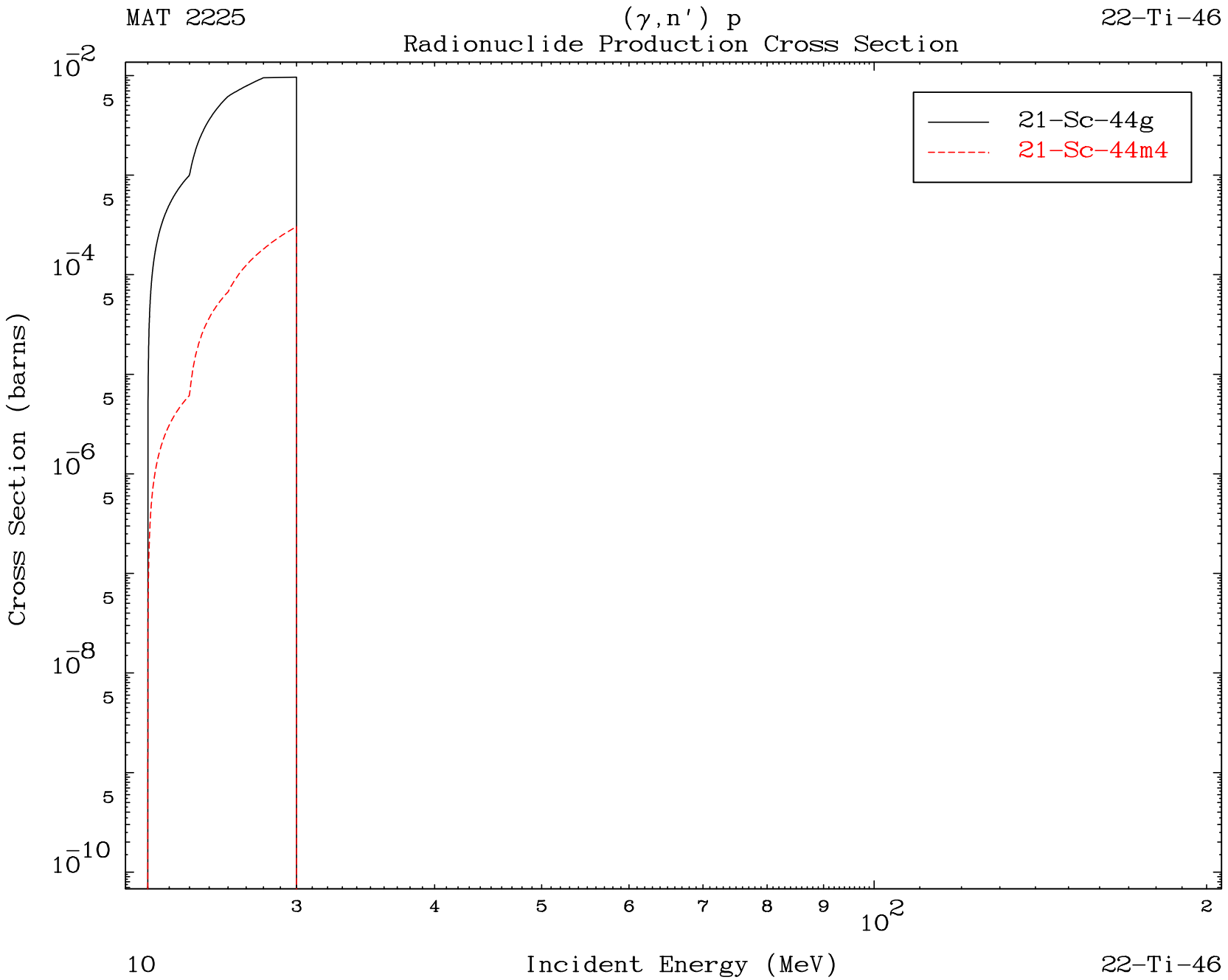

MAT 2225
(γ,p) Levels
22-Ti-46
0 Kelvin Cross Sections
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
(γ,p)
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
22-Ti-46

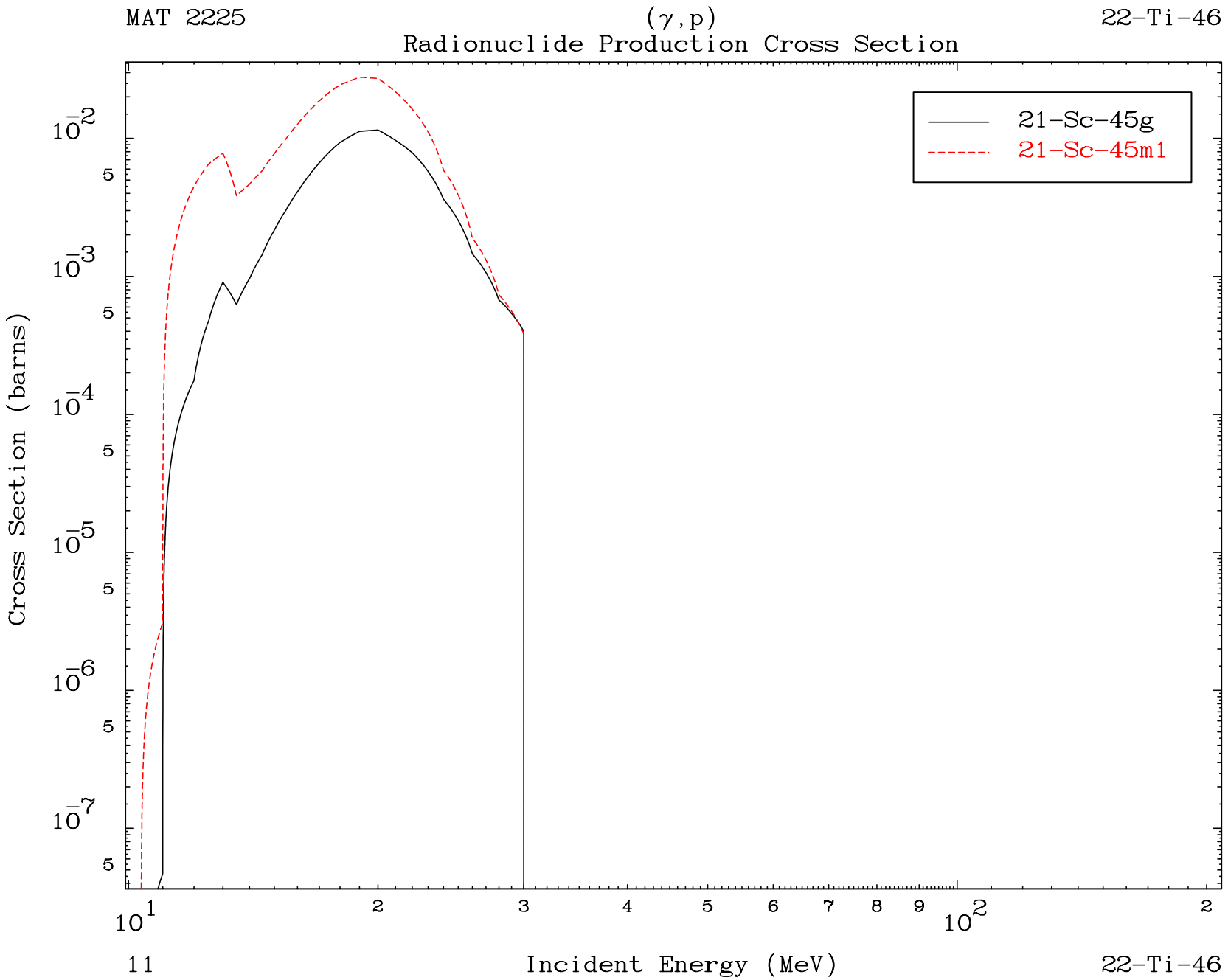

MAT 2225
(γ,d) Levels
22-Ti-46
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
6
22-Ti-46

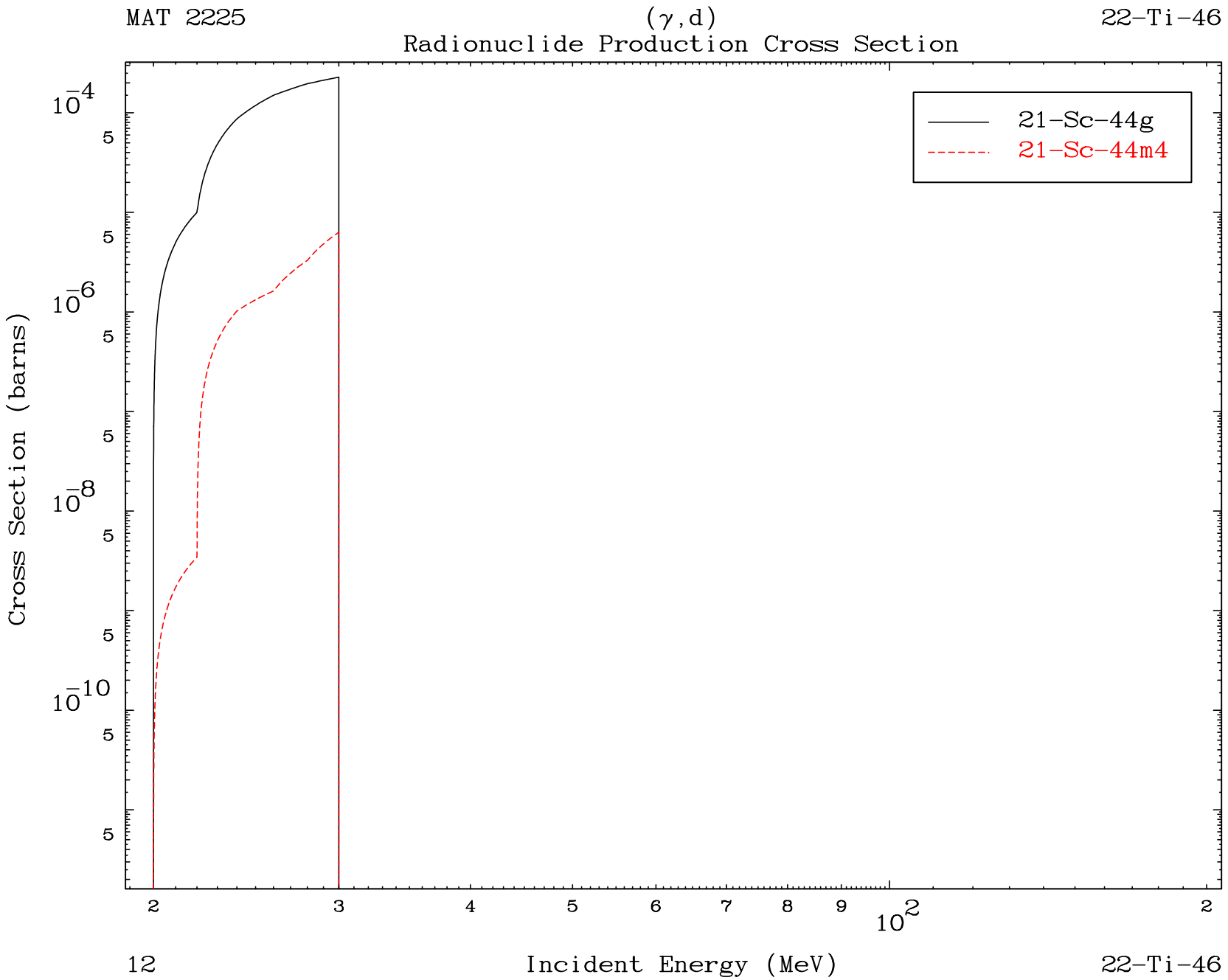

MAT 2225
(γ,t) Levels
22-Ti-46
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-6
5
10-7
5
10-8
5
10-9
5
10-10
5
10-11
5
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
22-Ti-46


MAT 2225
(γ,He3) Levels
22-Ti-46
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 2225
(γ,α) Levels
22-Ti-46
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-46
9


MAT 2225
(γ,n') p
22-Ti-46
Radionuclide Production Cross Section
21-Sc-44g
21-Sc-44m4
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10
Incident Energy (MeV)
10^2
22-Ti-46


MAT 2225
(γ,p)
22-Ti-46
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
Incident Energy (MeV)
11
22-Ti-46


MAT 2225
(γ,d)
22-Ti-46
Radionuclide Production Cross Section
21-Sc-44g
21-Sc-44m4
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
22-Ti-46