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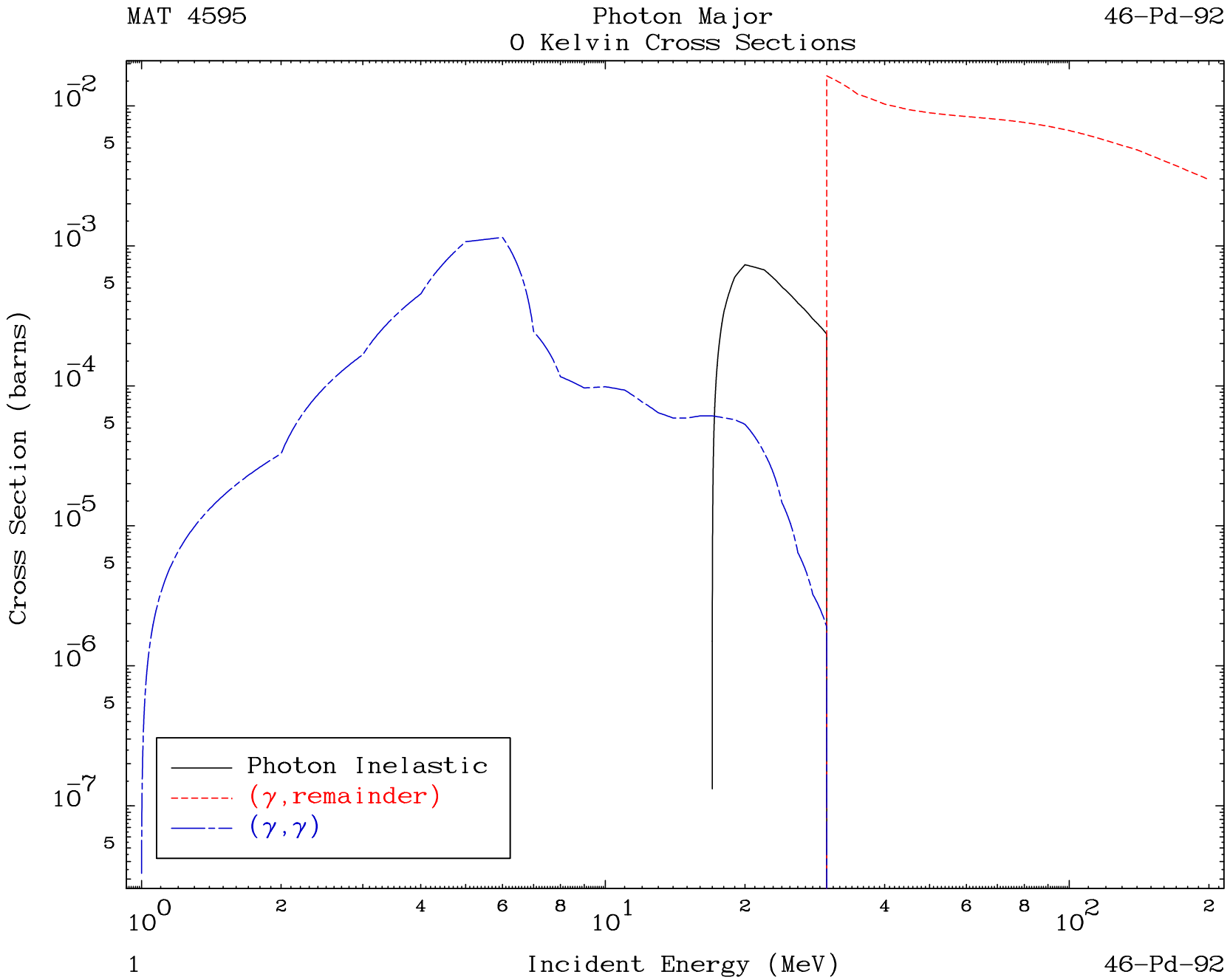
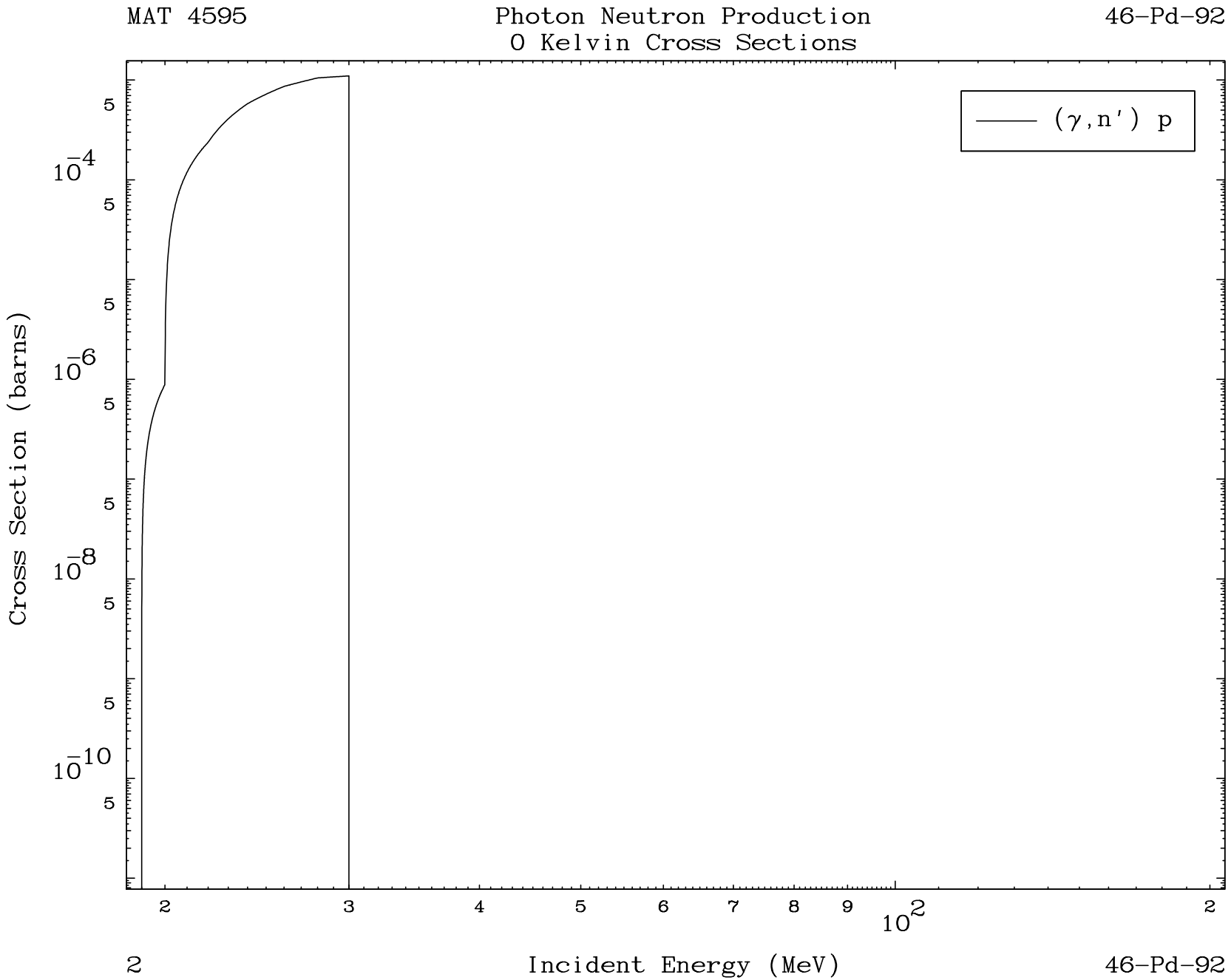
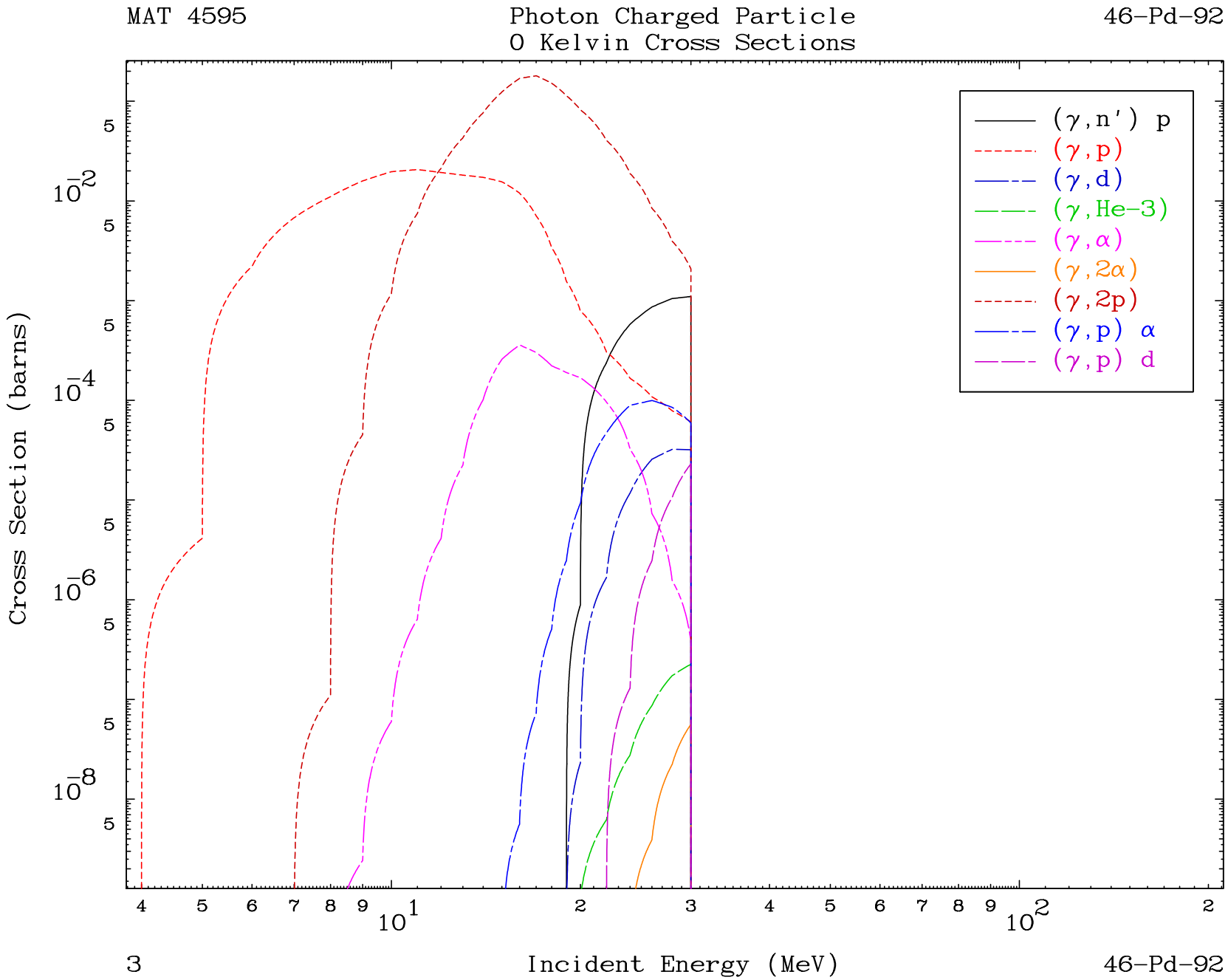
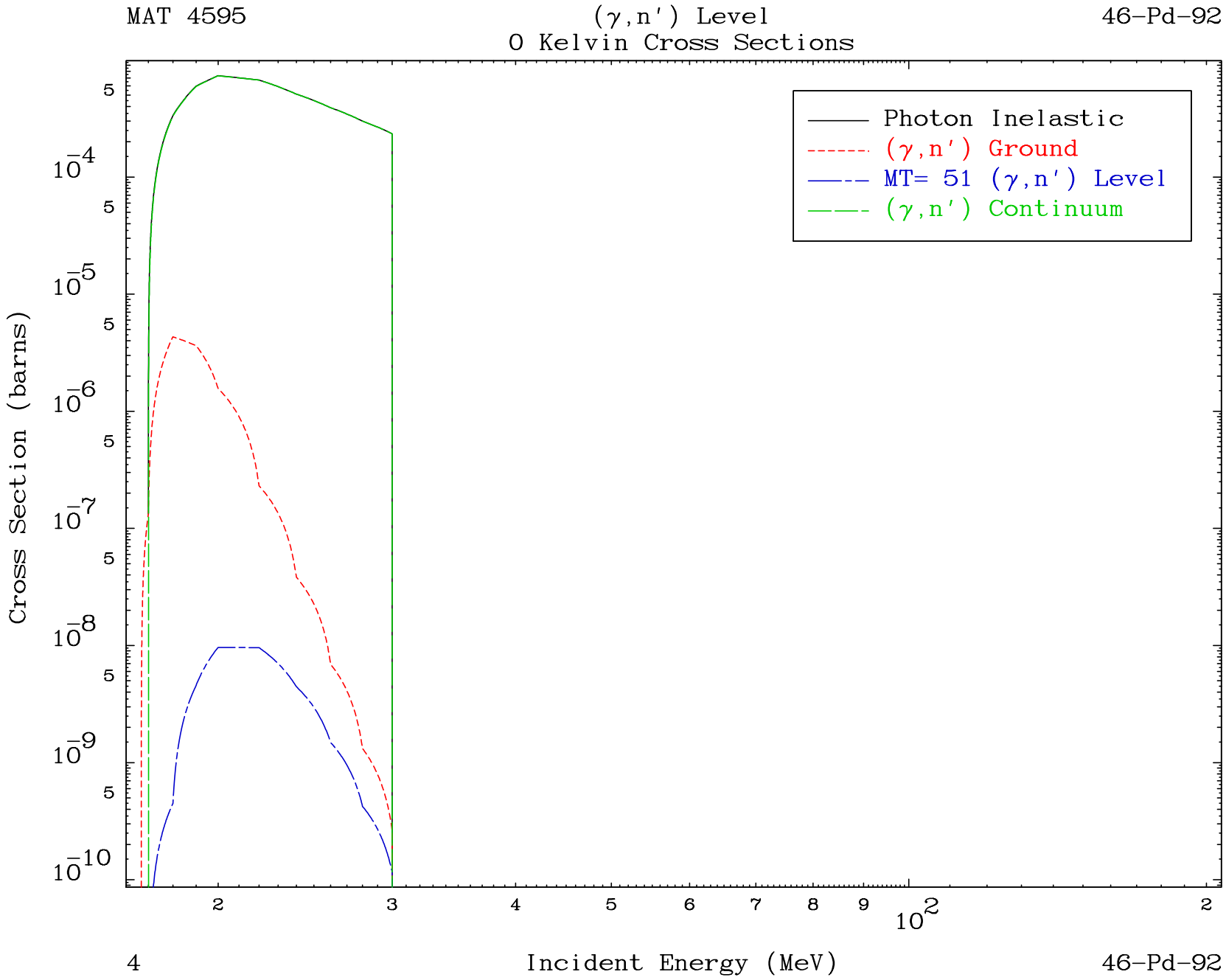
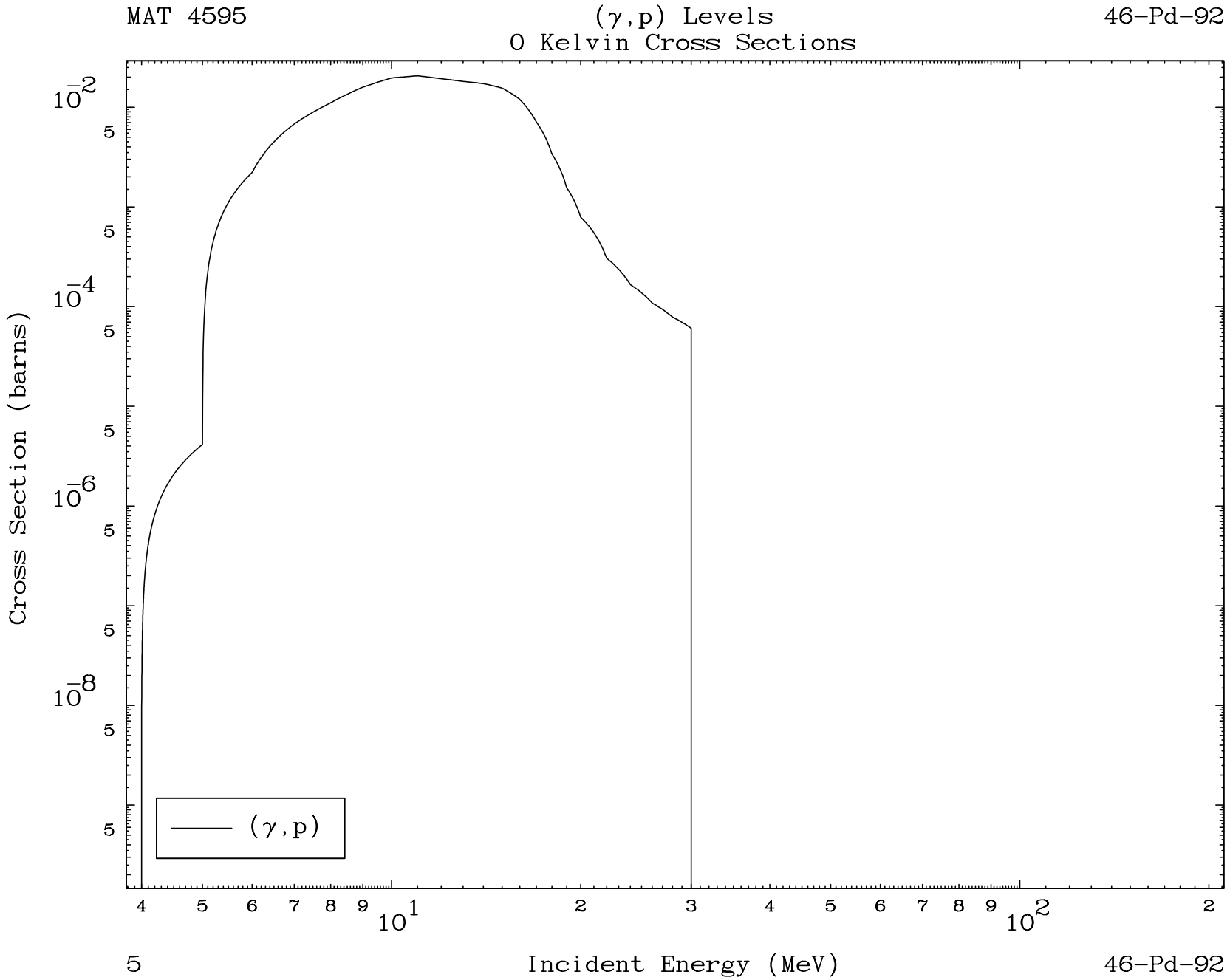
Press Mouse Button to Start

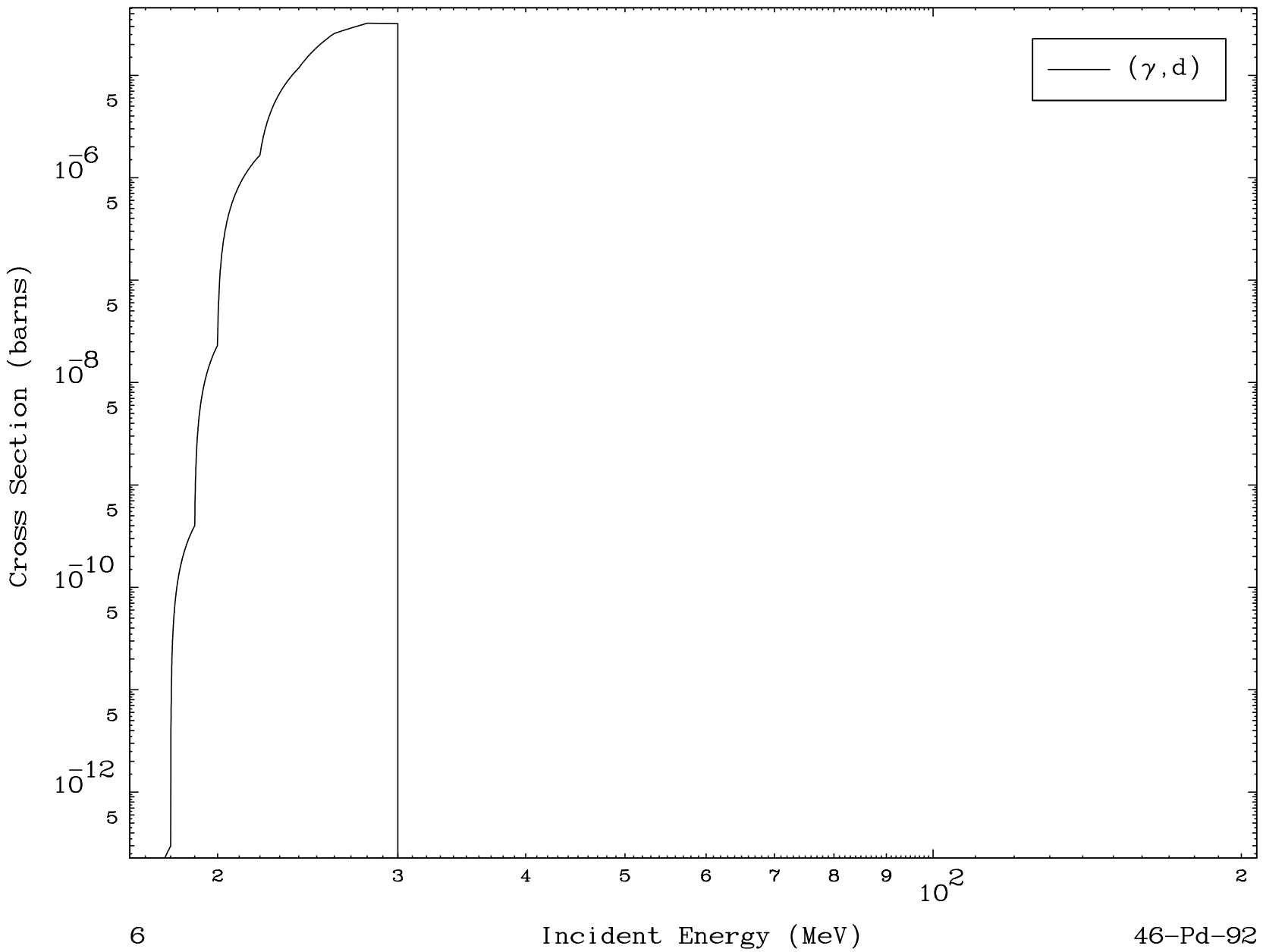

MAT 4595
Photon Major
46-Pd-92
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
10-7
Photon Inelastic
(γ,remainder)
(γ,γ)
100
101
102
Incident Energy (MeV)
46-Pd-92

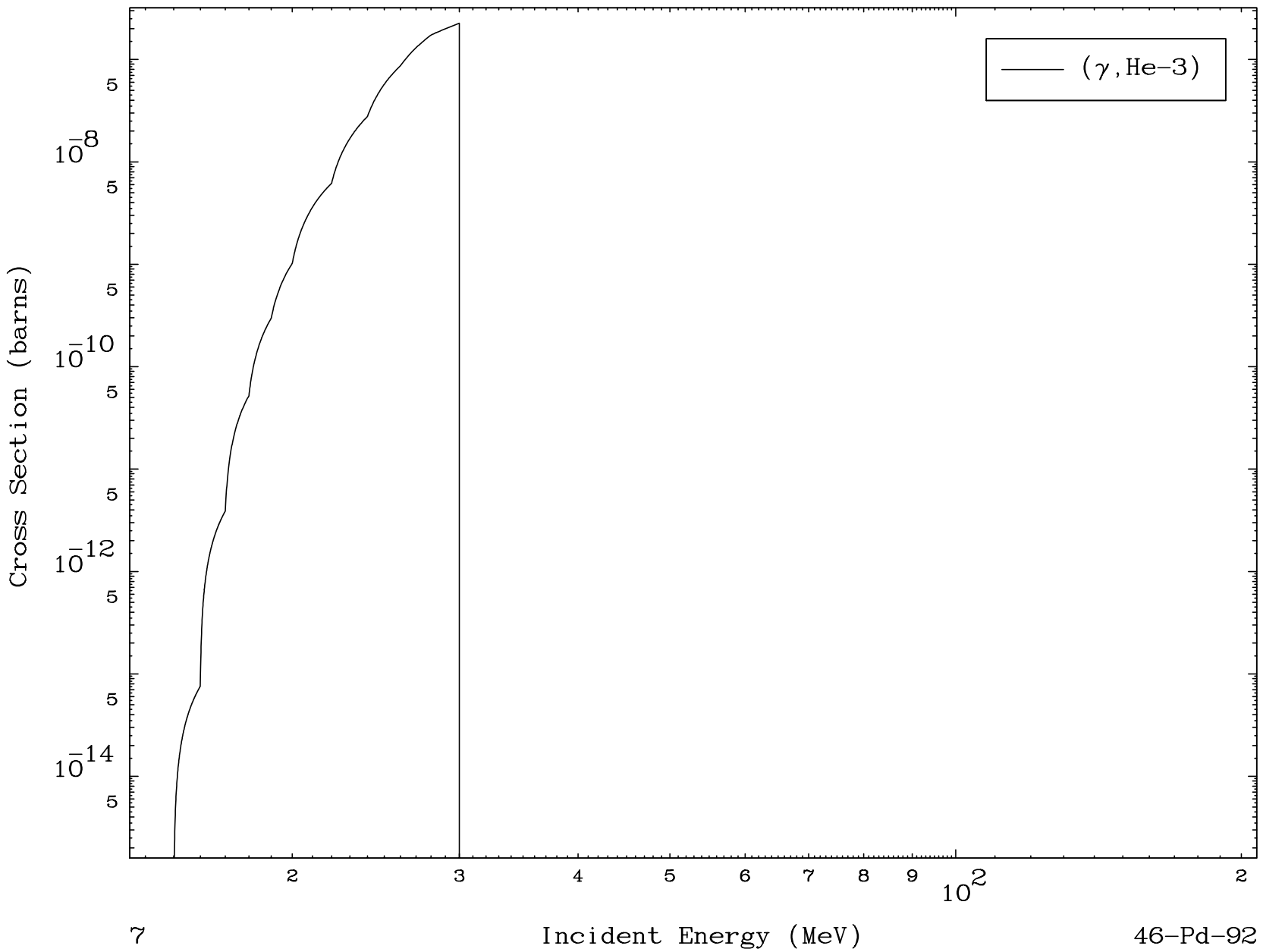

MAT 4595
Photon Neutron Production
0 Kelvin Cross Sections
46-Pd-92
(γ,n') p
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
46-Pd-92

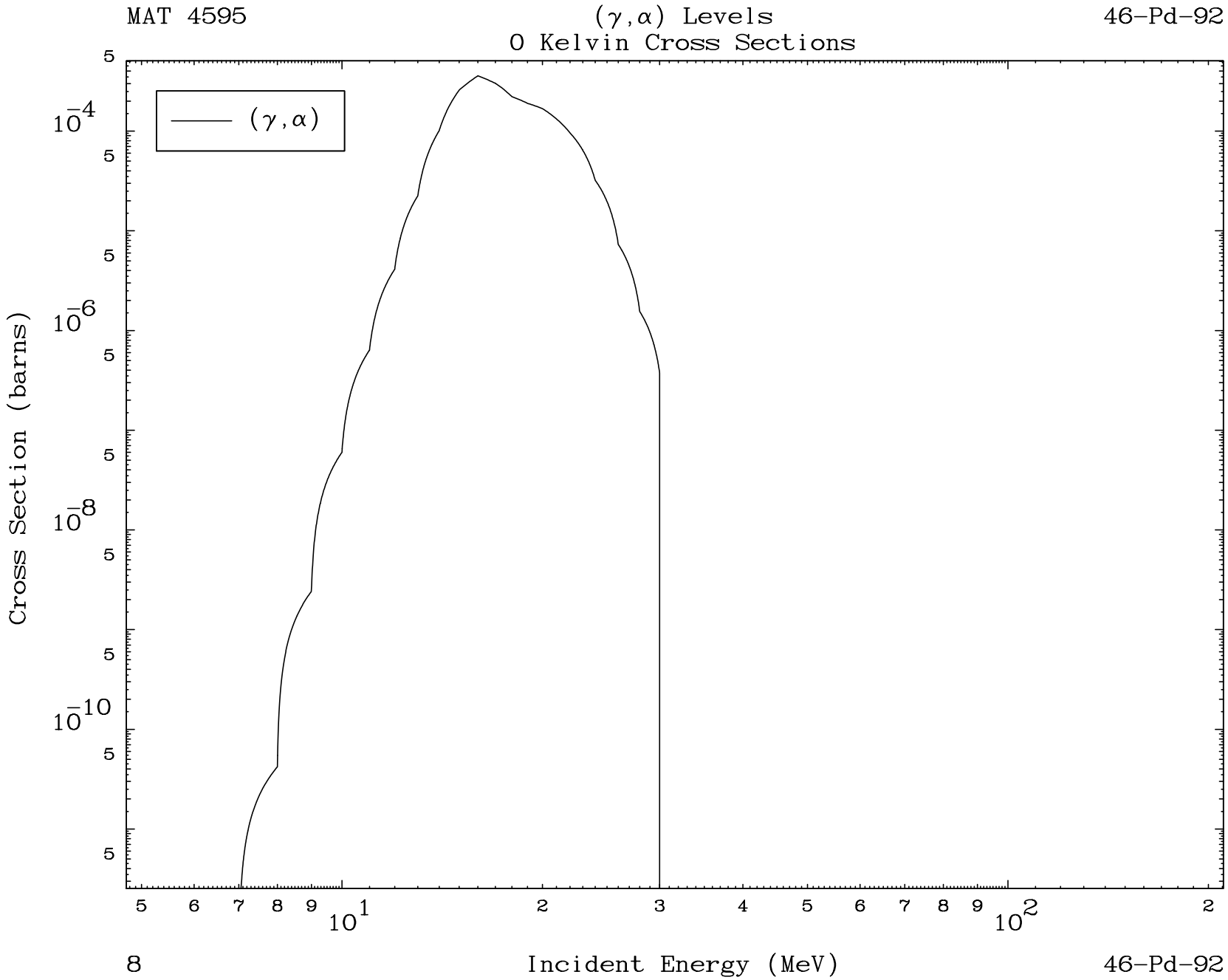

MAT 4595
Photon Charged Particle
0 Kelvin Cross Sections
46-Pd-92
(γ,n') p
(γ,p)
(γ,d)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
Cross Section (barns)
Incident Energy (MeV)
3
46-Pd-92

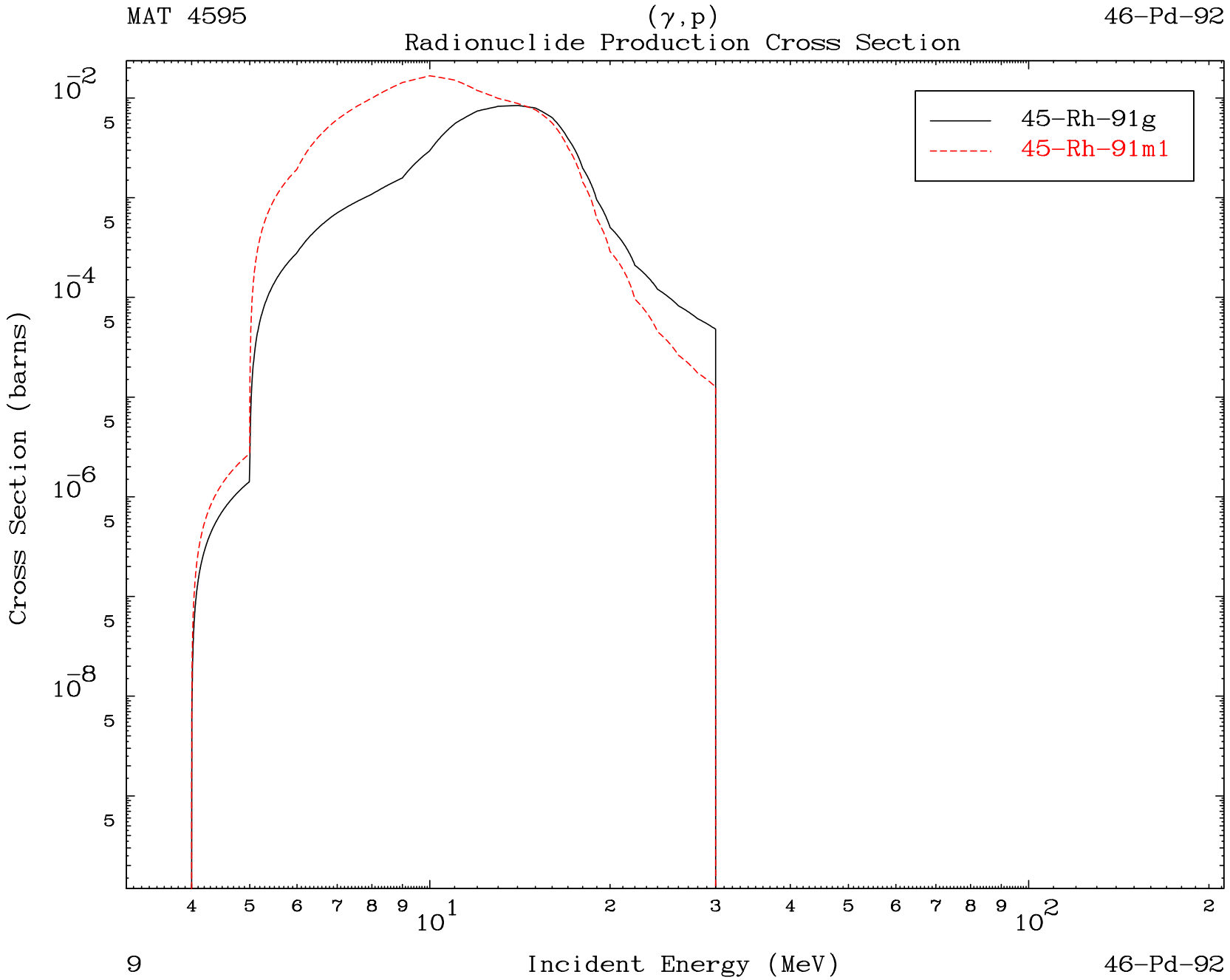

MAT 4595
(γ,n') Level
46-Pd-92
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
46-Pd-92
4


MAT 4595
(γ,p) Levels
46-Pd-92
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
(γ,p)
Incident Energy (MeV)
46-Pd-92


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)


0 Kelvin Cross Sections
(γ,He-3)
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)


MAT 4595
(γ,α) Levels
46-Pd-92
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
8
46-Pd-92


MAT 4595
(γ,p)
46-Pd-92
Radionuclide Production Cross Section
45-Rh-91g
45-Rh-91m1
Cross Section (barns)
Incident Energy (MeV)
9
46-Pd-92