Program EVALPLOT
(Version 2021-1)
by
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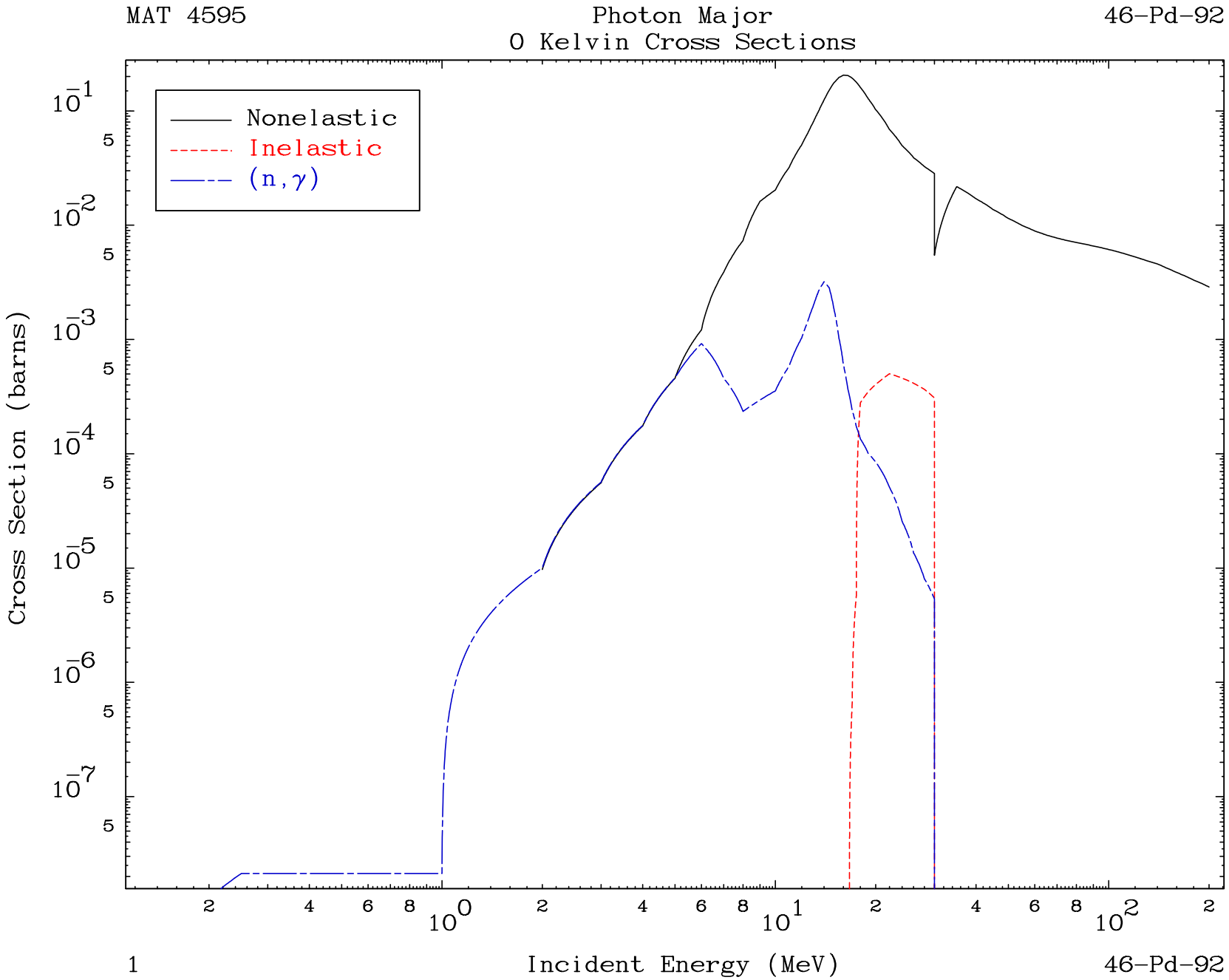
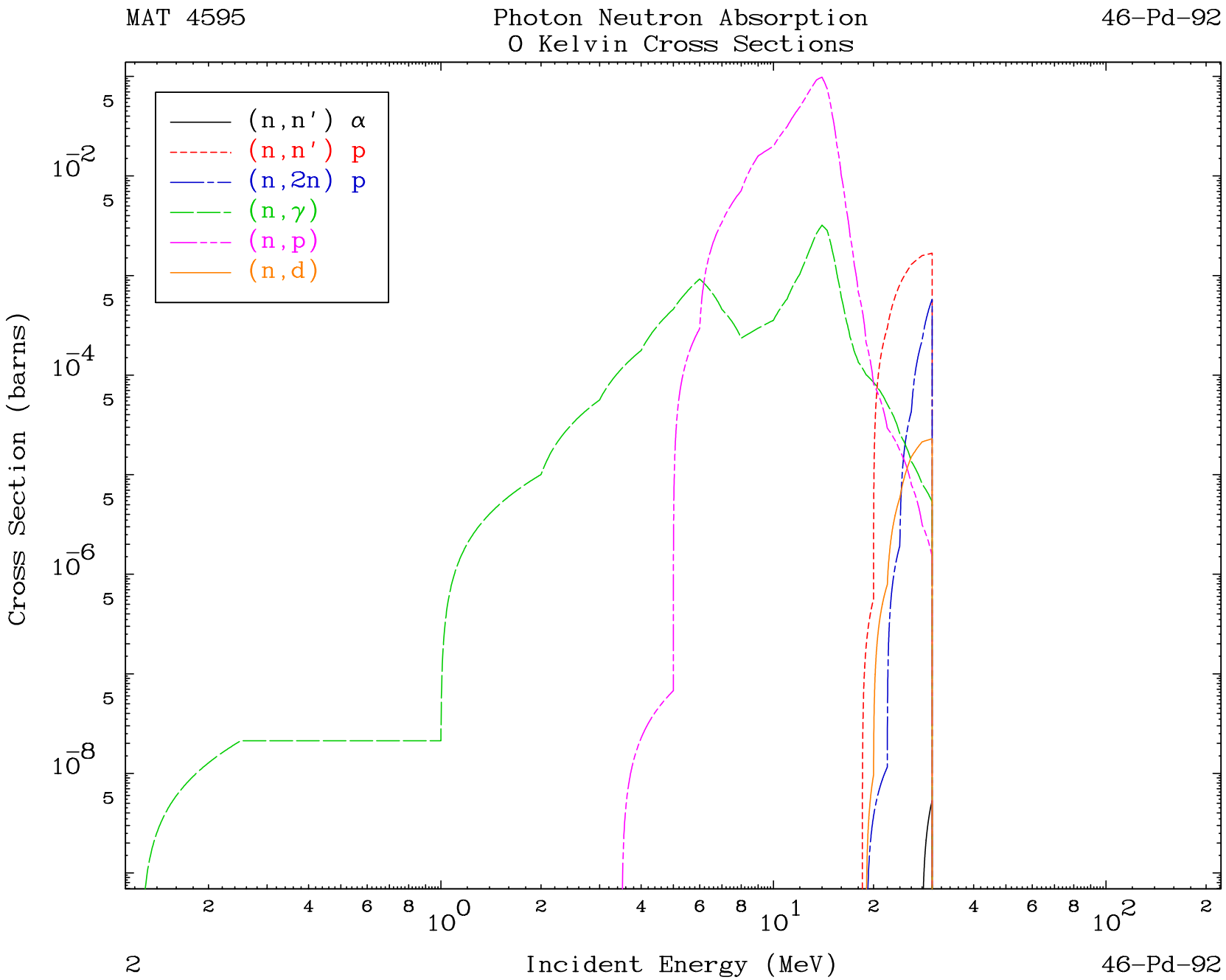
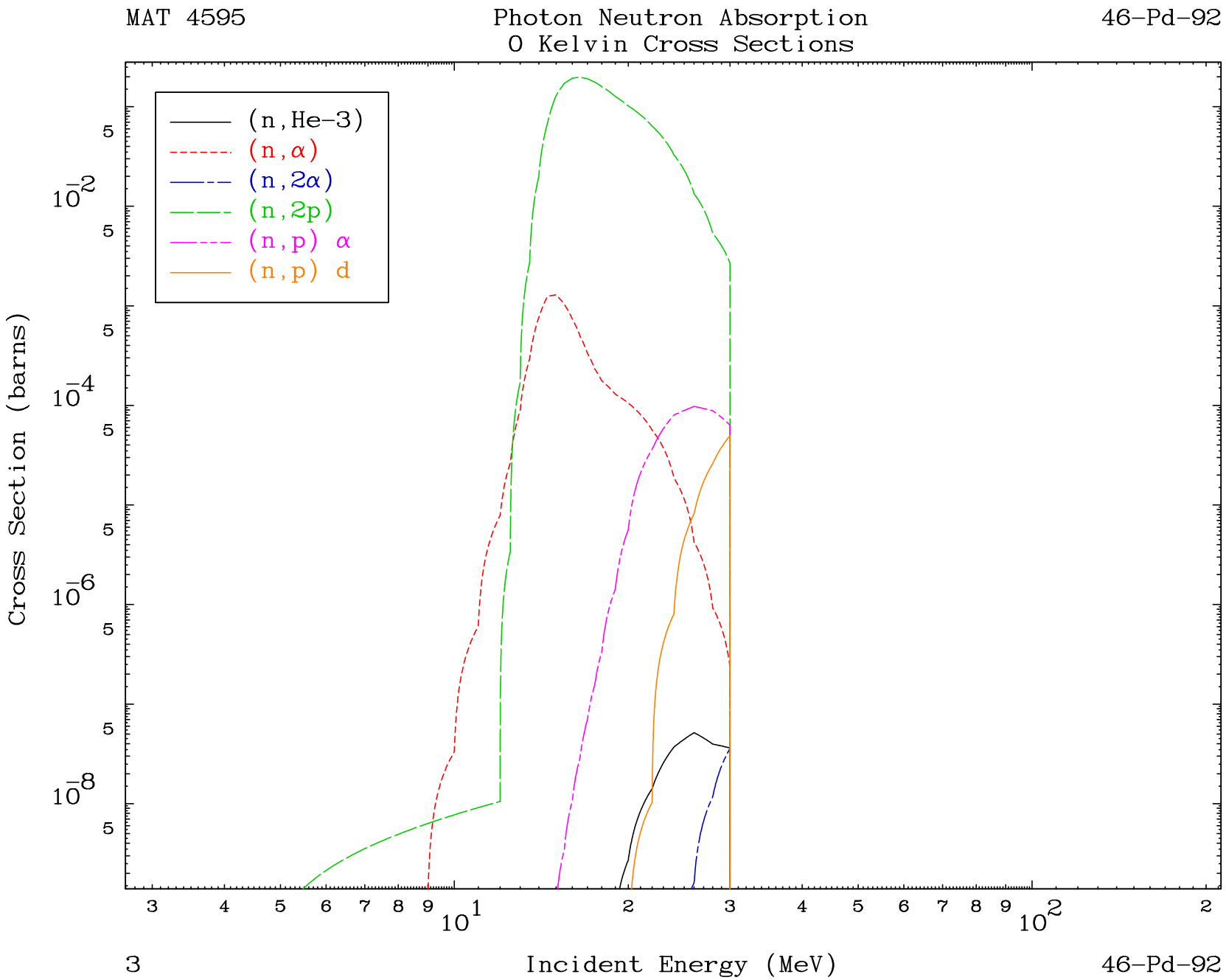
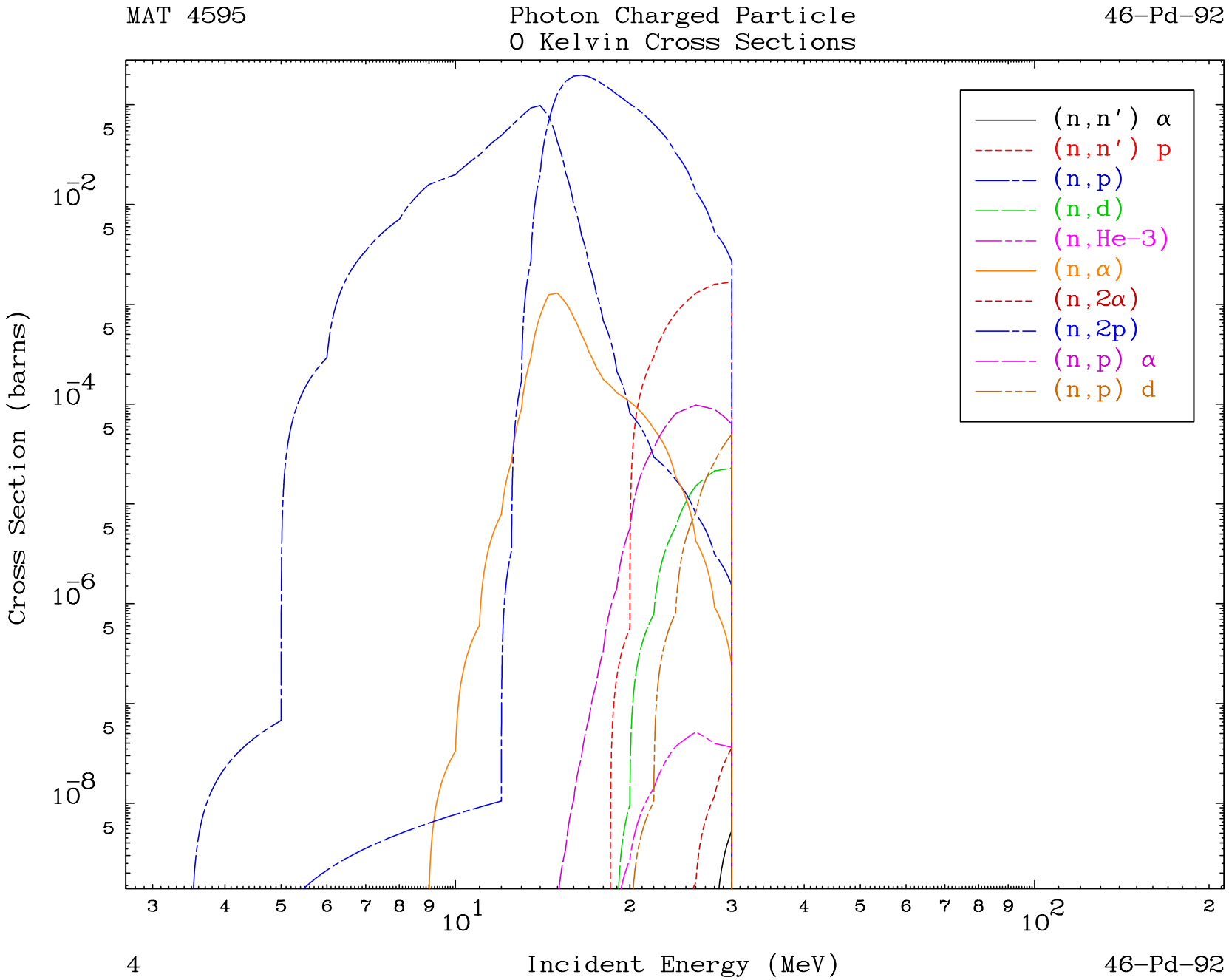
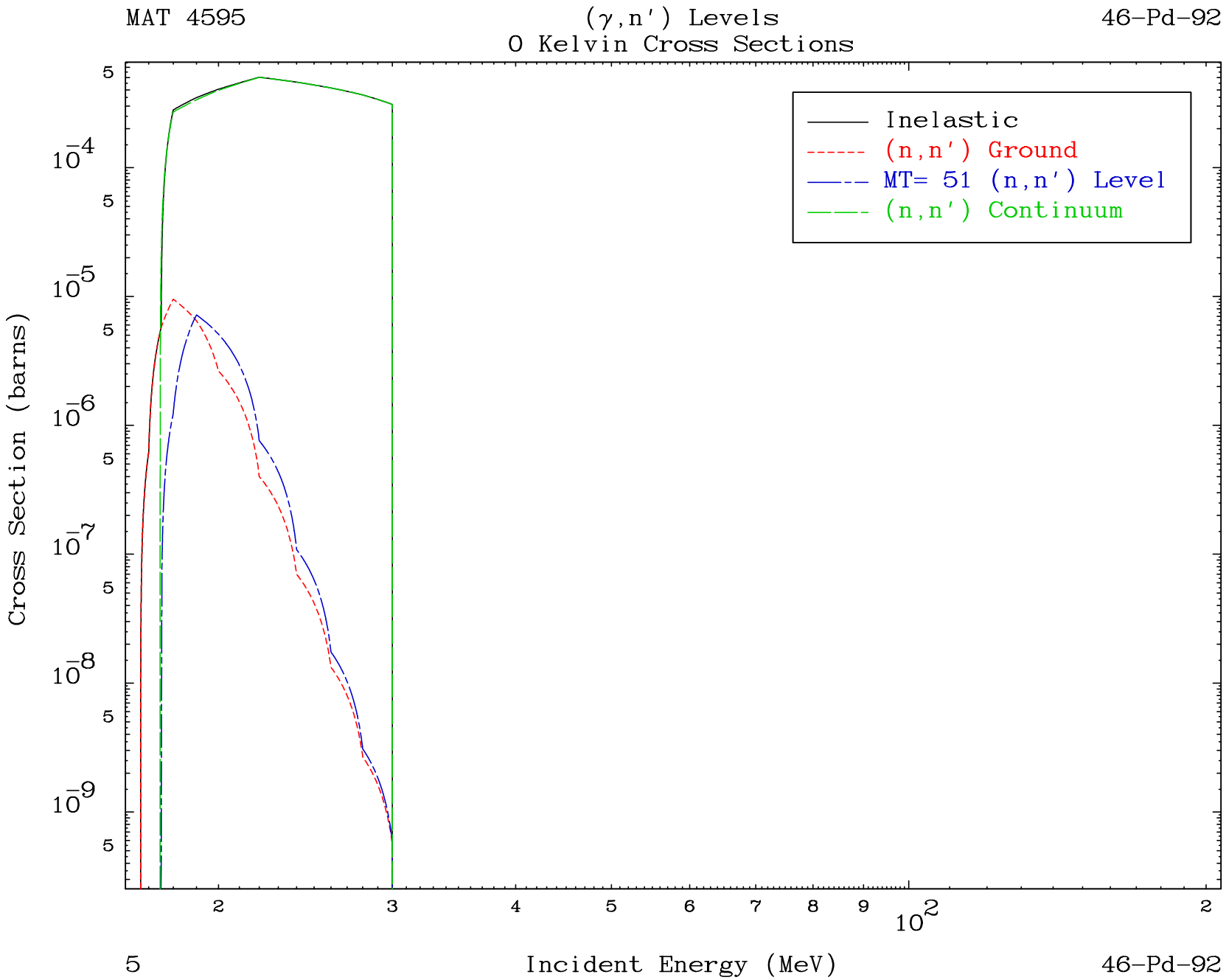
Press Mouse Button to Start

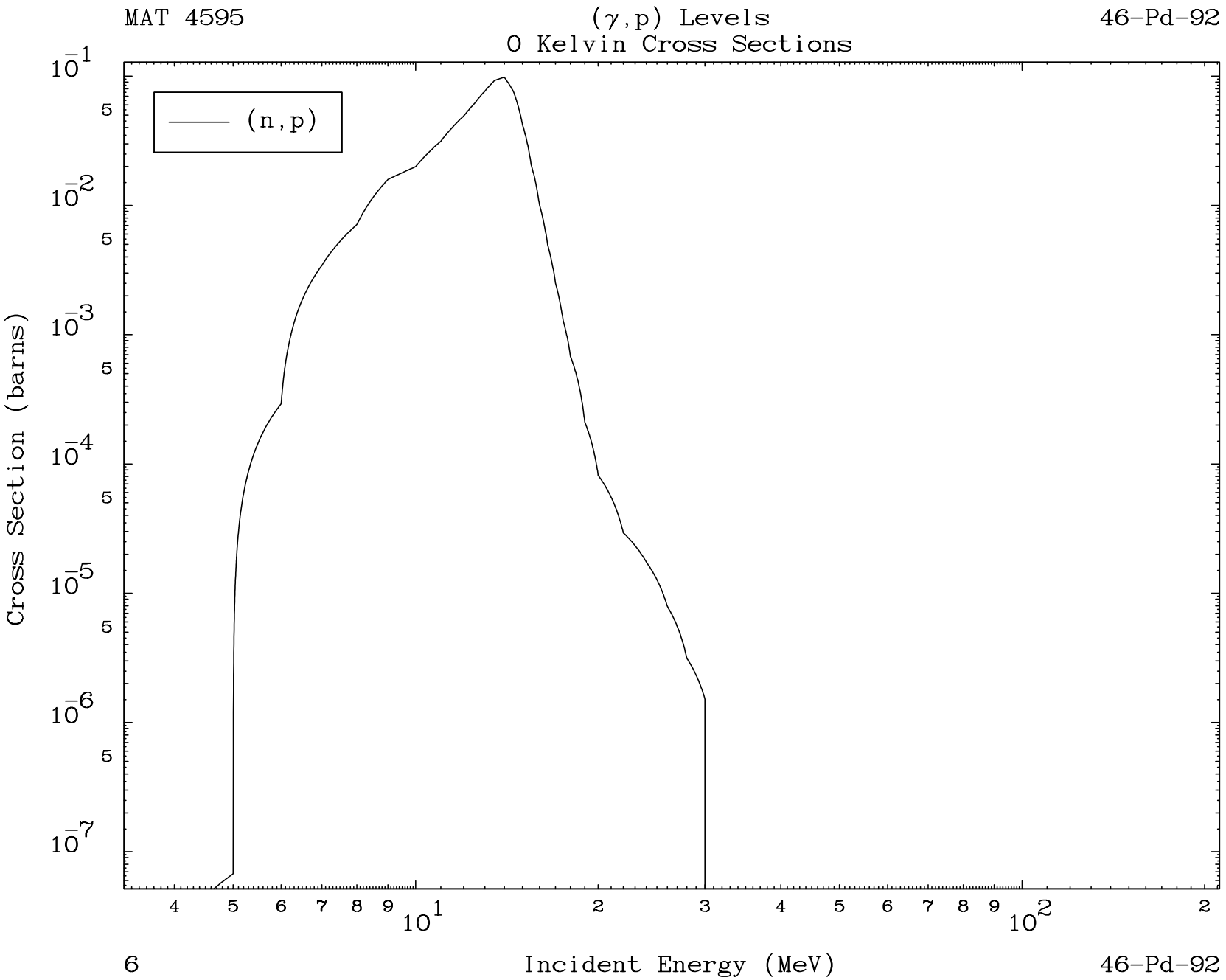

MAT 4595
Photon Major
46-Pd-92
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
46-Pd-92

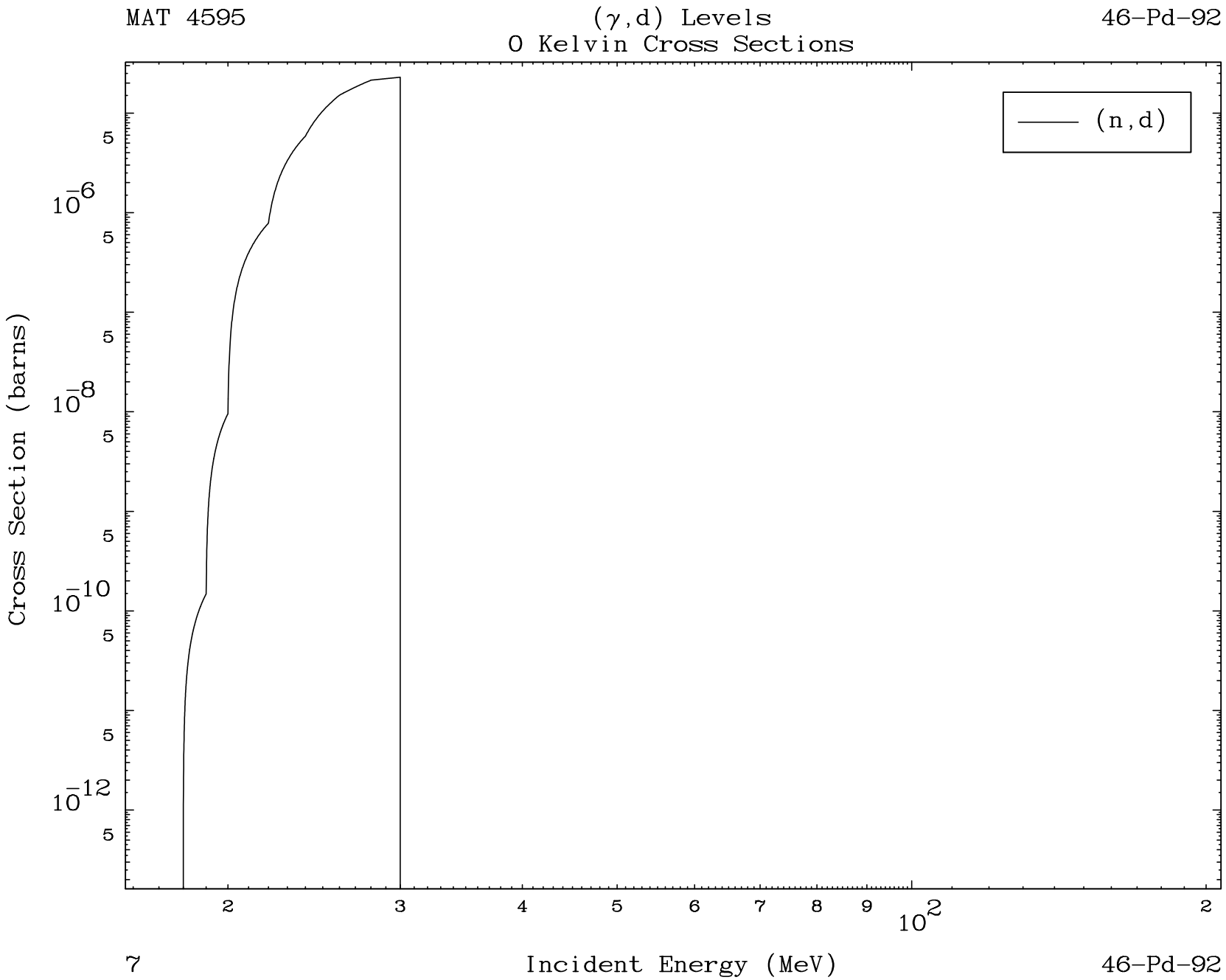

MAT 4595
Photon Neutron Absorption
0 Kelvin Cross Sections
46-Pd-92
(n,n') α
(n,n') p
(n,2n) p
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-92
2

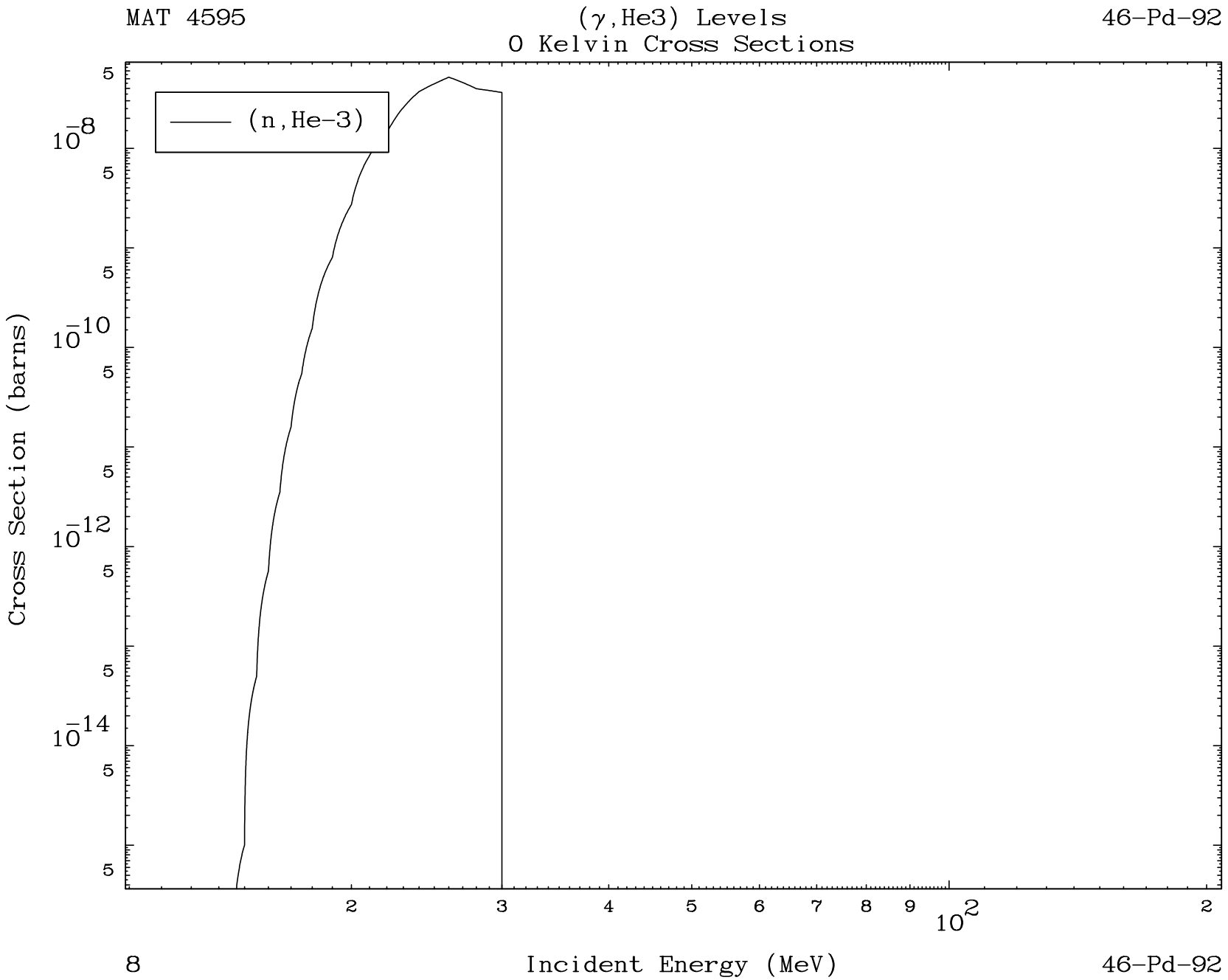

MAT 4595
Photon Neutron Absorption
0 Kelvin Cross Sections
46-Pd-92
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
46-Pd-92

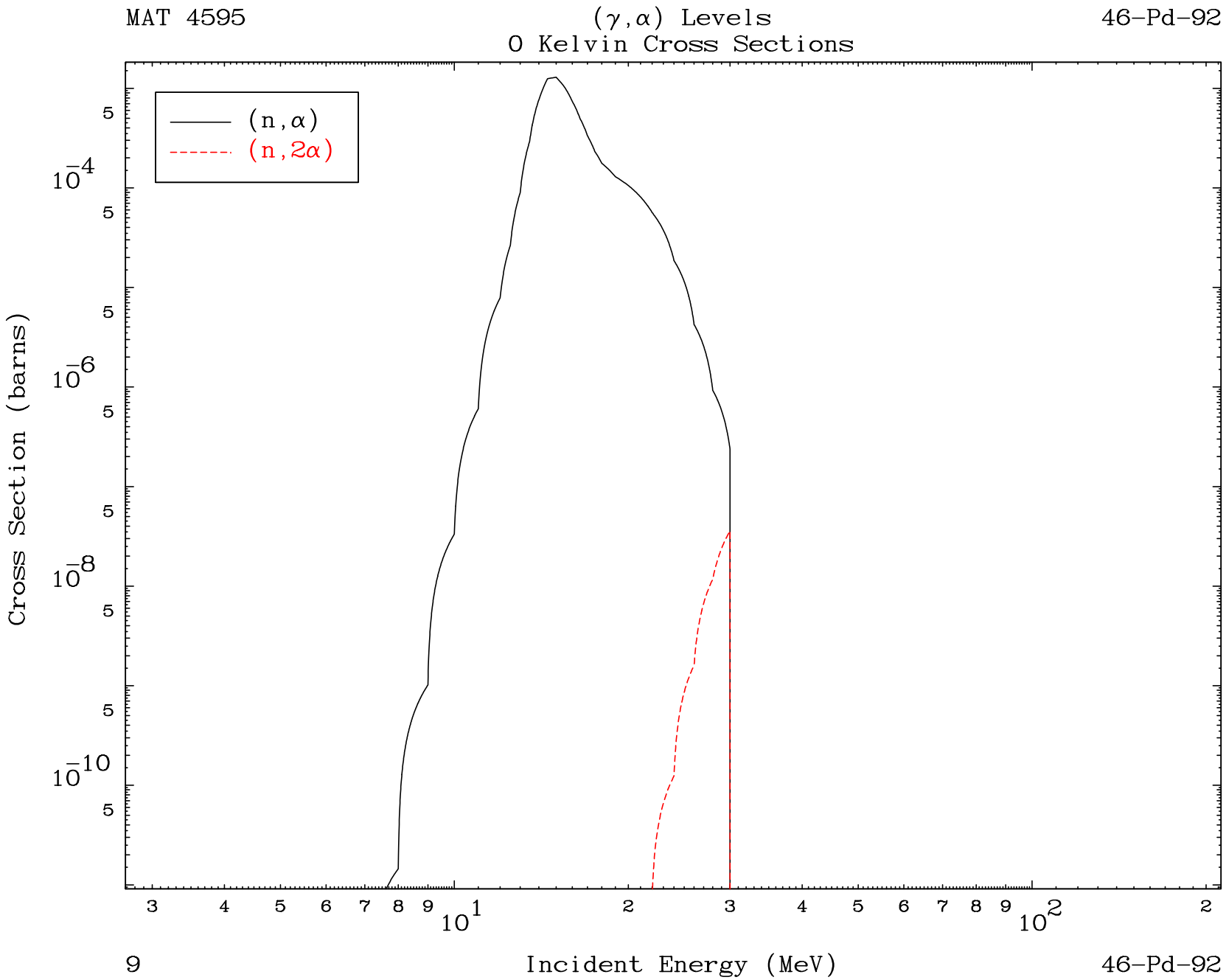

MAT 4595
Photon Charged Particle
0 Kelvin Cross Sections
46-Pd-92
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
4
46-Pd-92

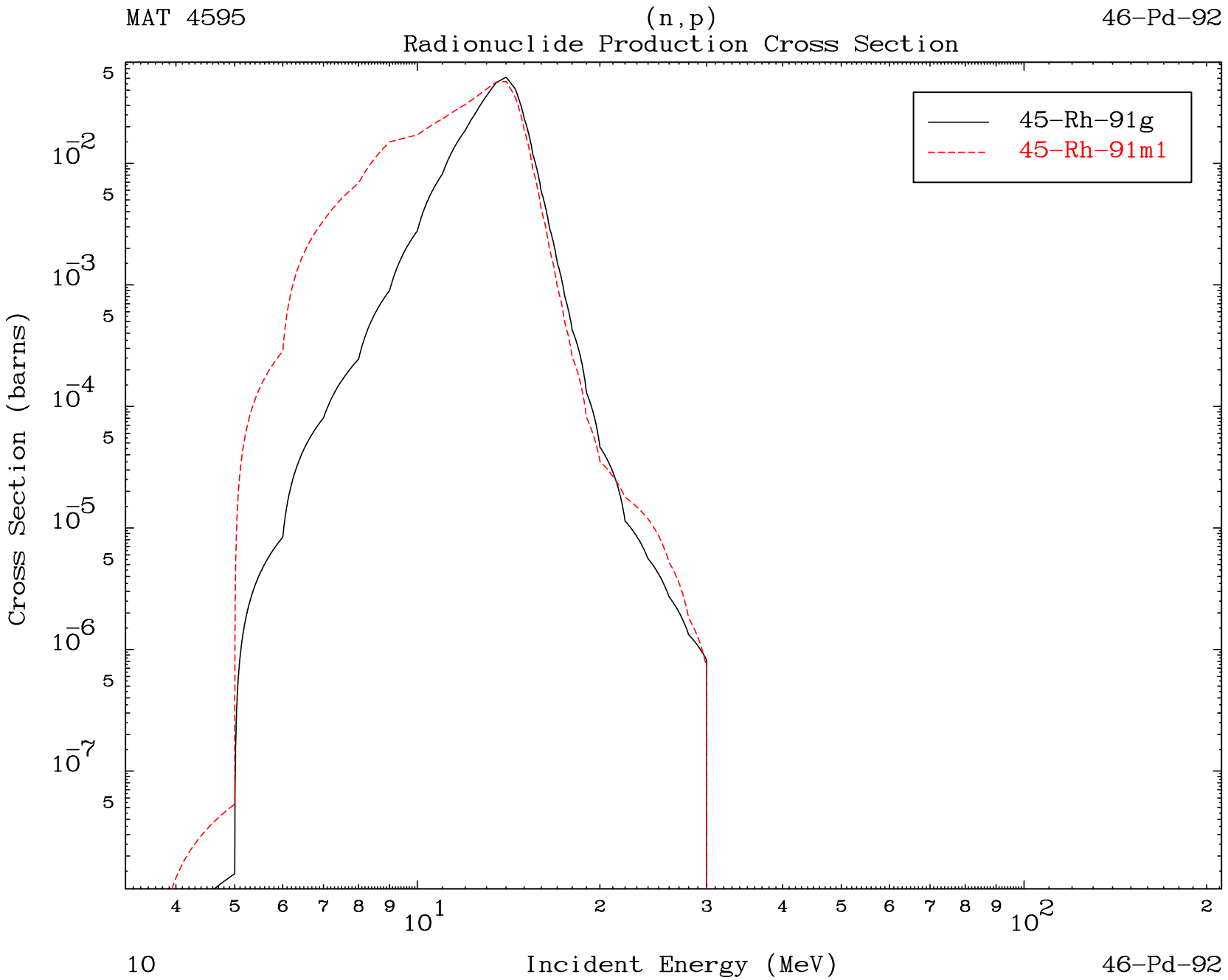

MAT 4595
(γ,n') Levels
46-Pd-92
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
46-Pd-92


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


MAT 4595
(γ,d) Levels
46-Pd-92
0 Kelvin Cross Sections
(n,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)
7
46-Pd-92


MAT 4595
(γ,He3) Levels
46-Pd-92
0 Kelvin Cross Sections
(n,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)
8
46-Pd-92


MAT 4595
(γ,α) Levels
46-Pd-92
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
9
Incident Energy (MeV)
46-Pd-92


MAT 4595
(n,p)
46-Pd-92
Radionuclide Production Cross Section
45-Rh-91g
45-Rh-91m1
Cross Section (barns)
Incident Energy (MeV)
10
46-Pd-92