Program EVALPLOT
(Version 2017-1)
by
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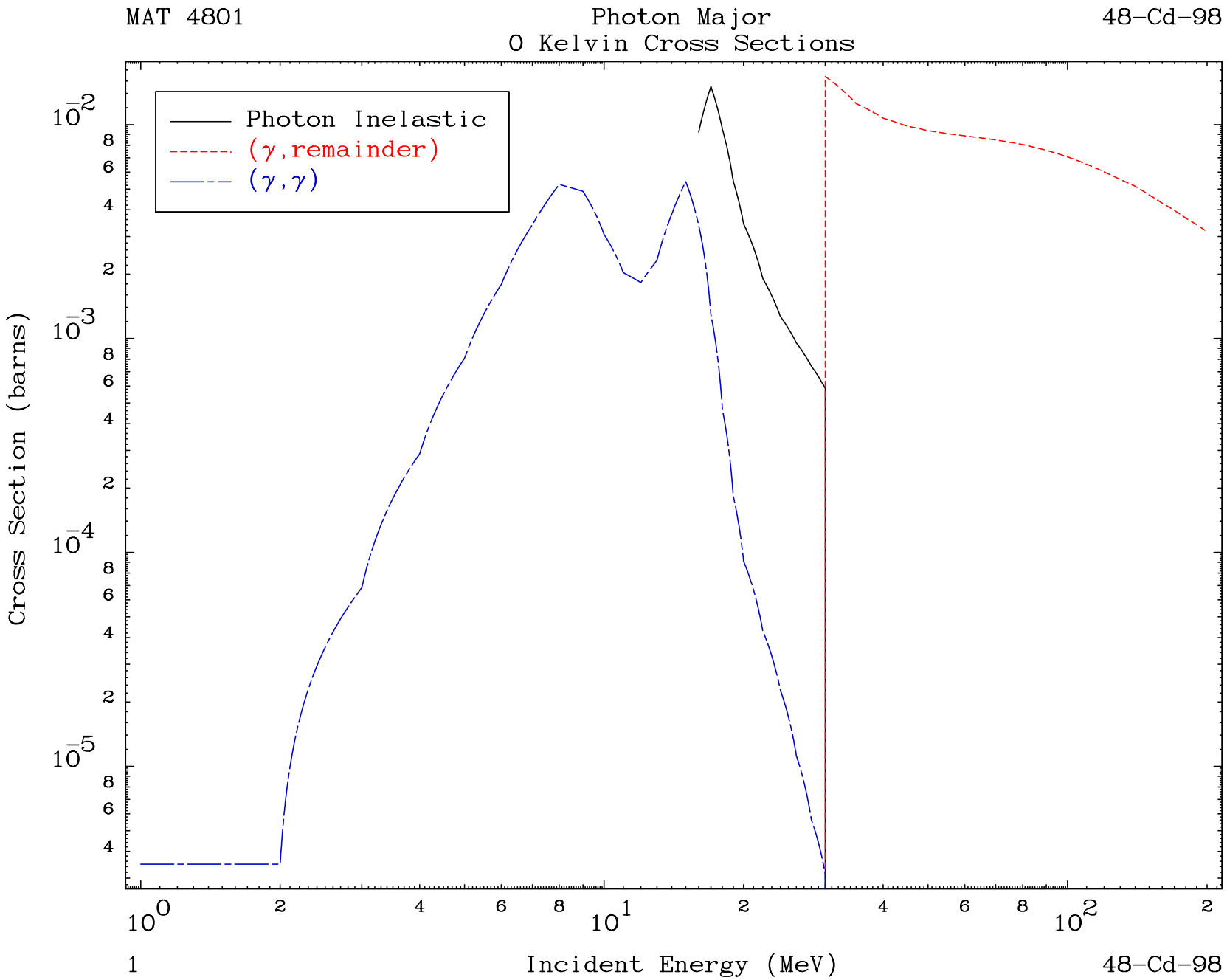
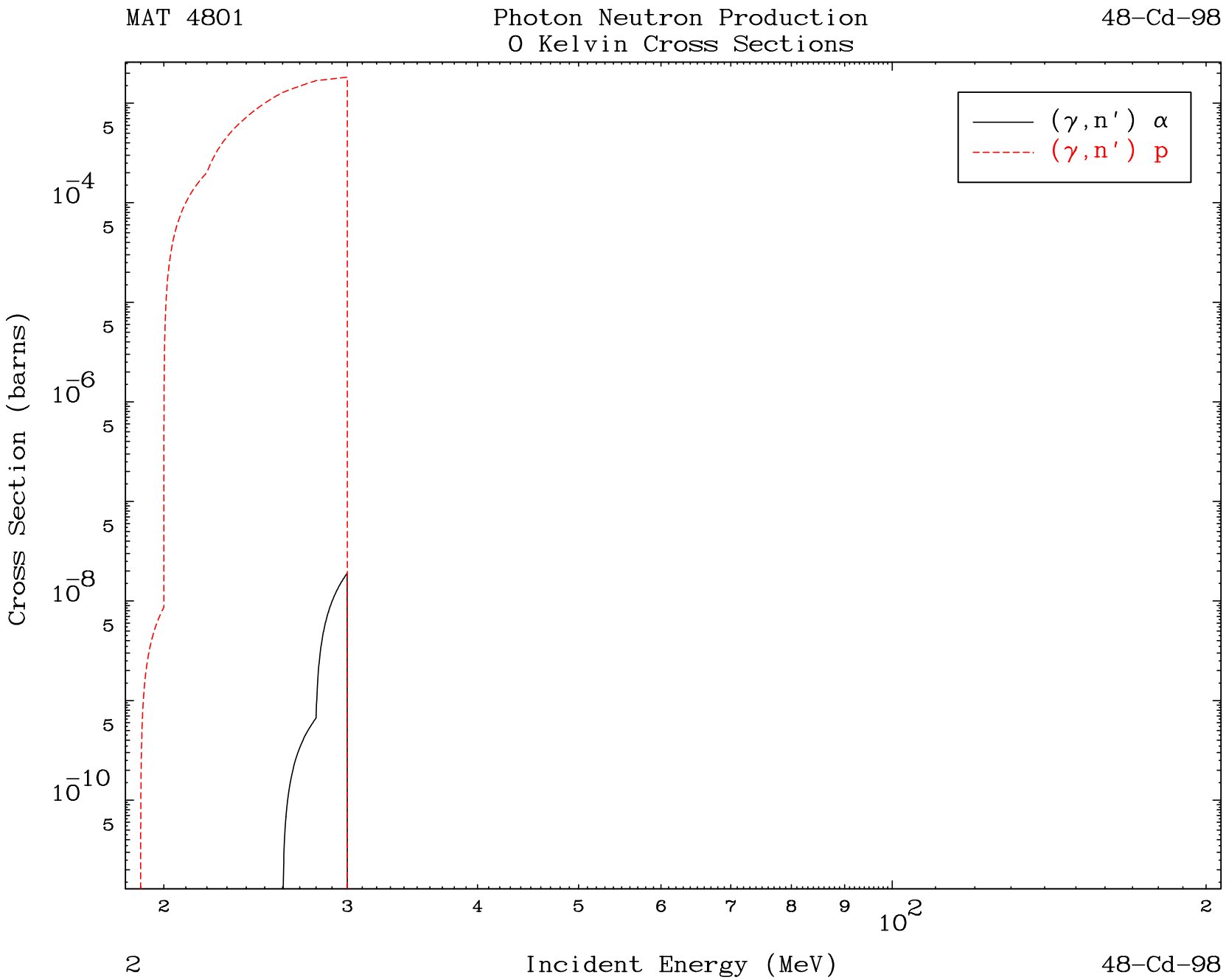
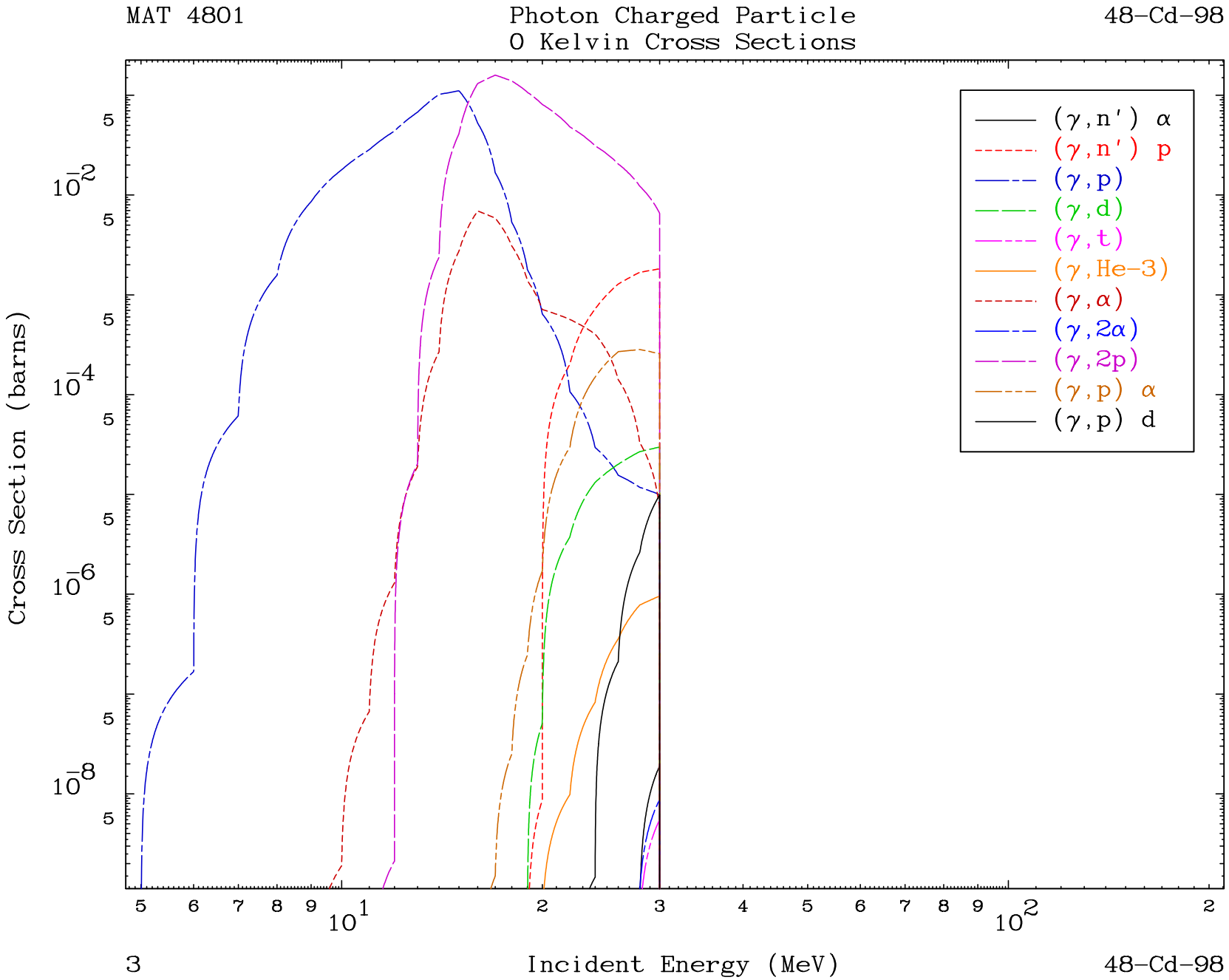
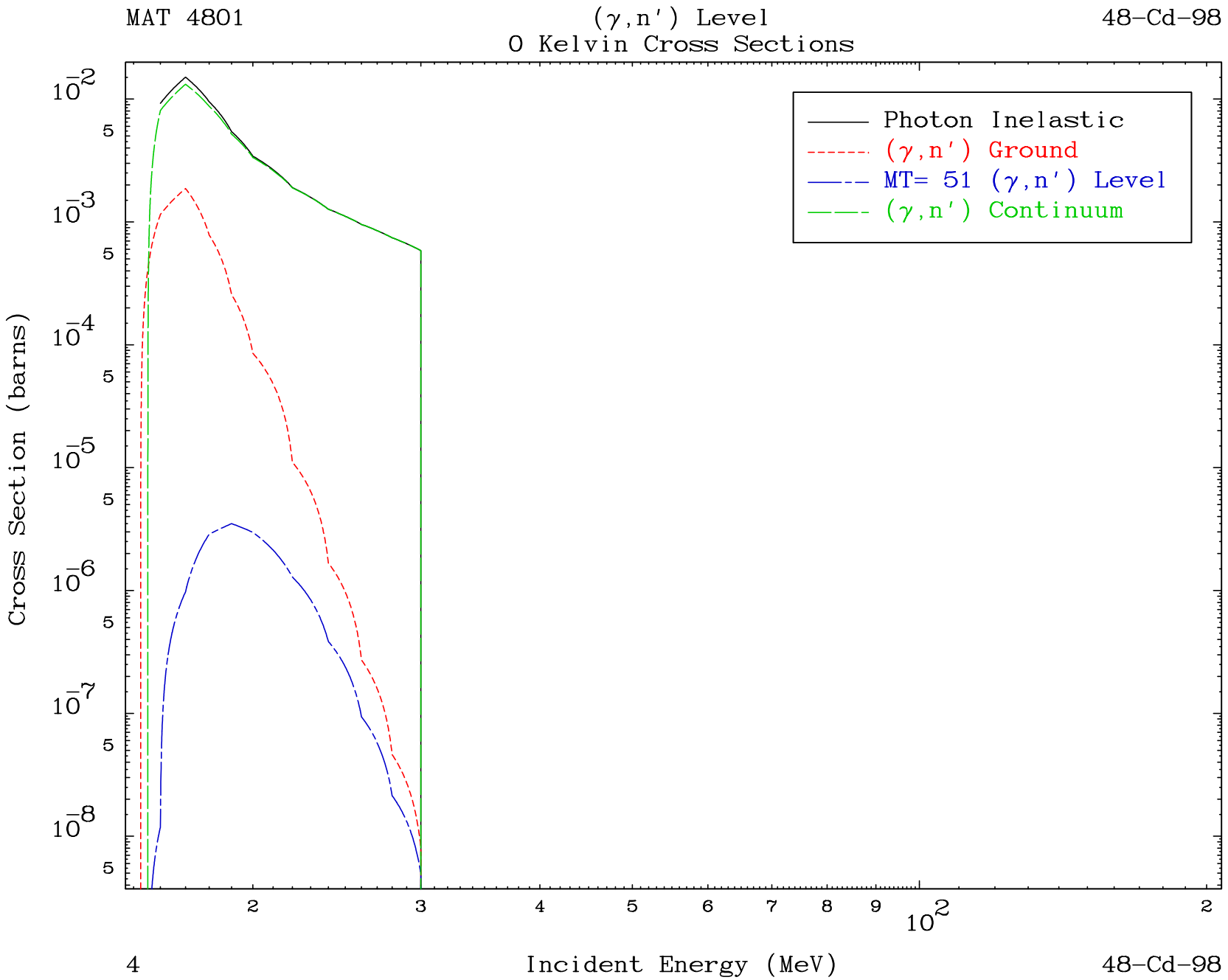
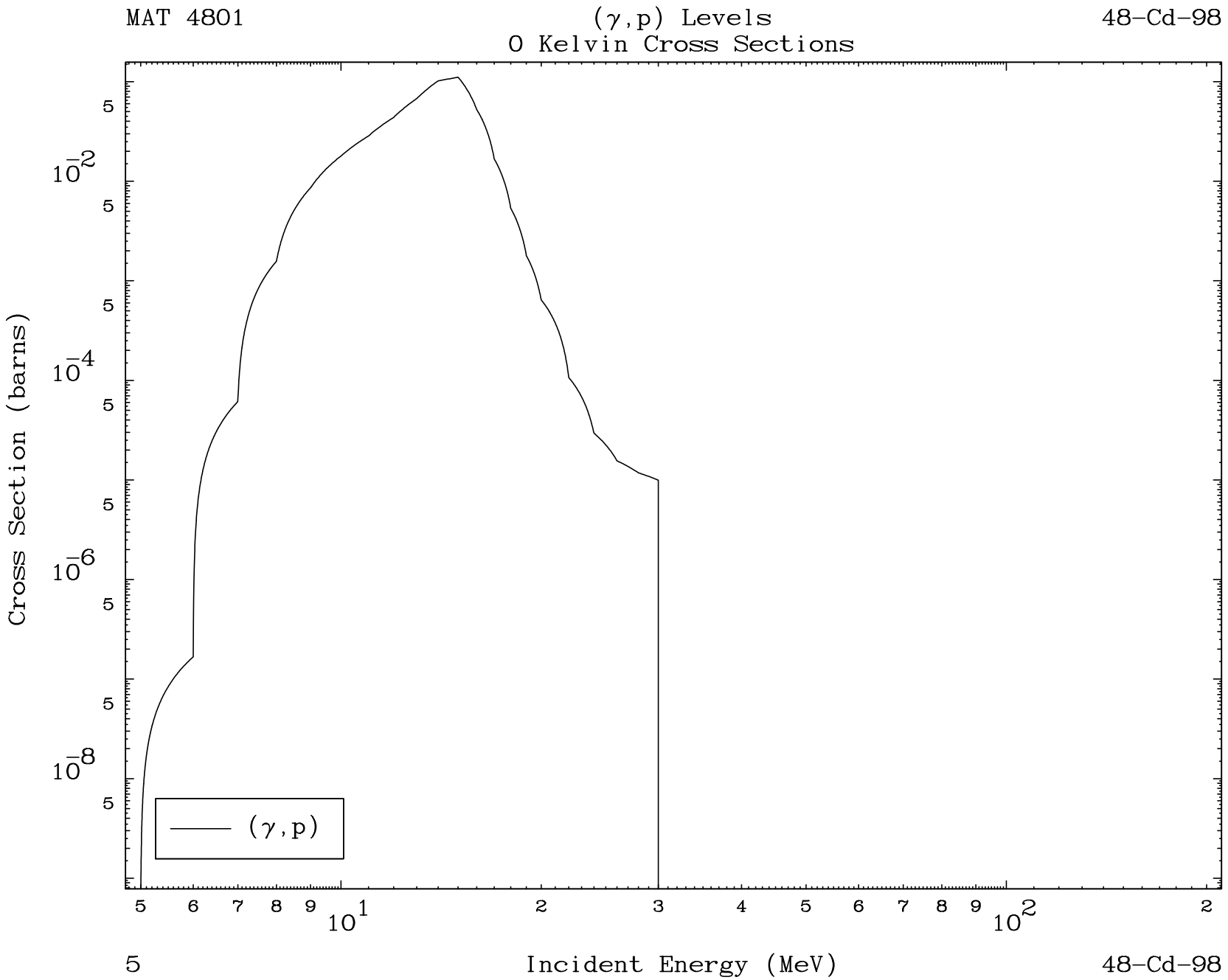
Press Mouse Button to Start

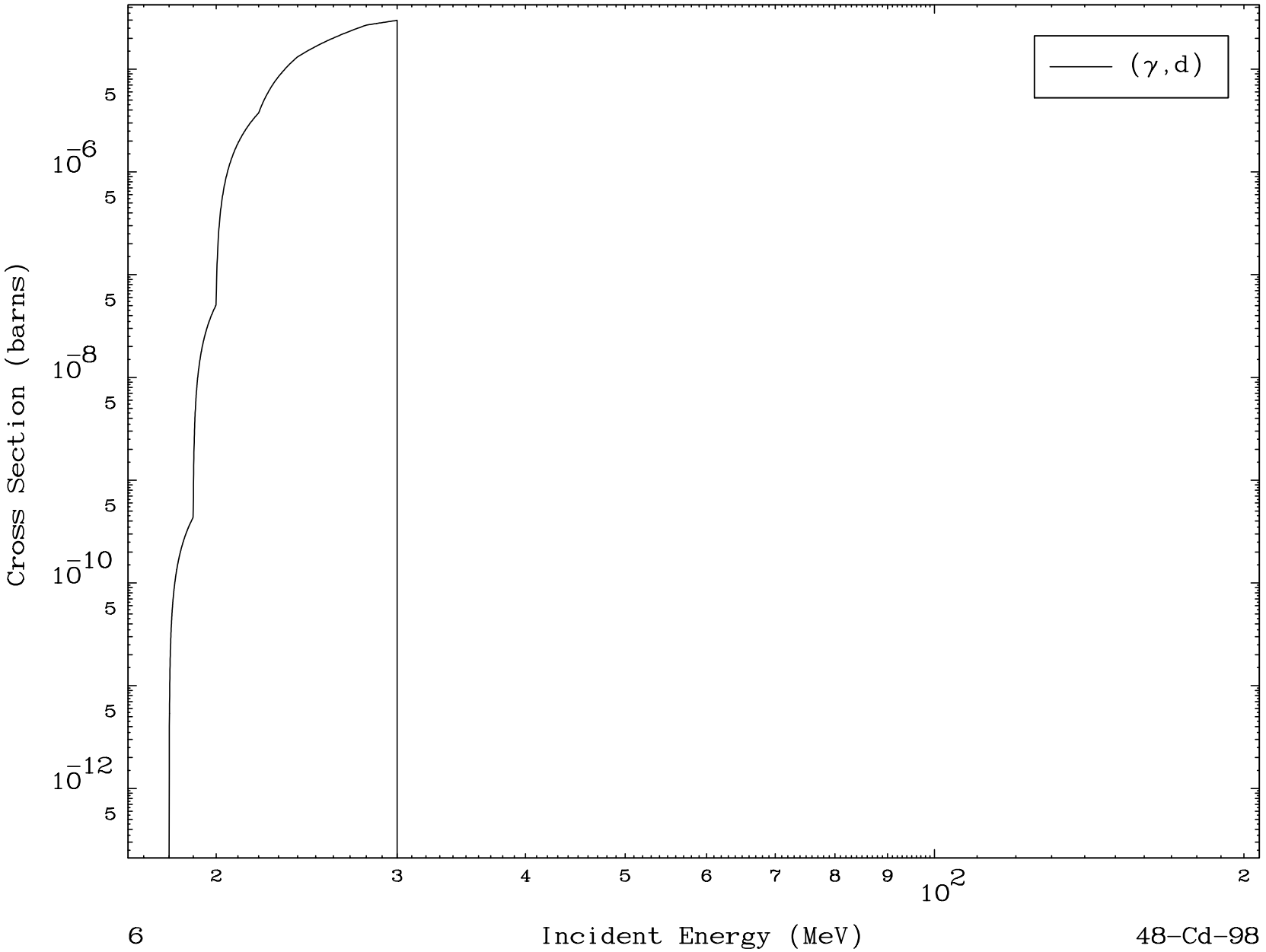

MAT 4801
Photon Major
48-Cd-98
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-98

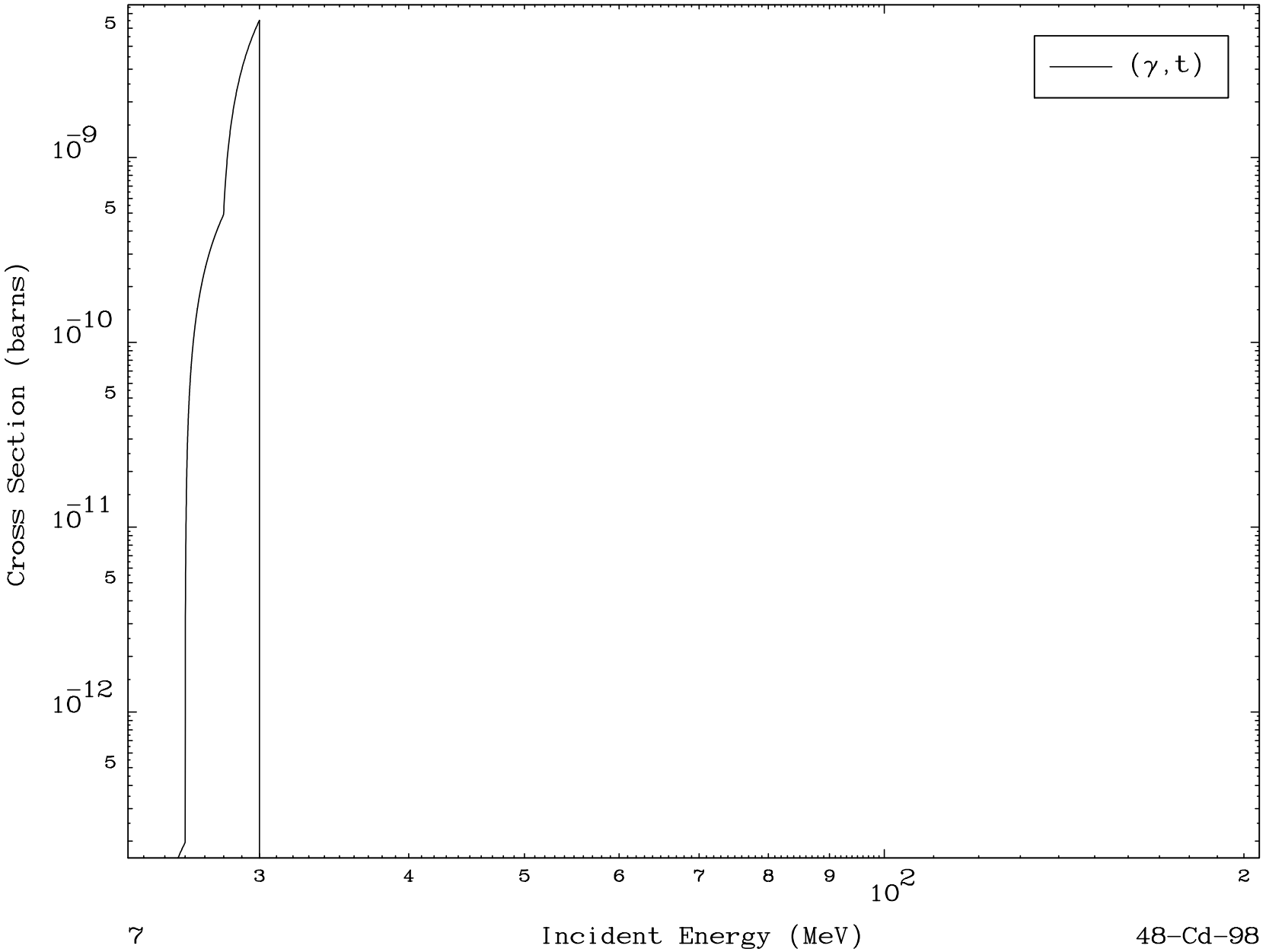

MAT 4801
Photon Neutron Production
0 Kelvin Cross Sections
48-Cd-98
(γ,n') α
(γ,n') p
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
48-Cd-98

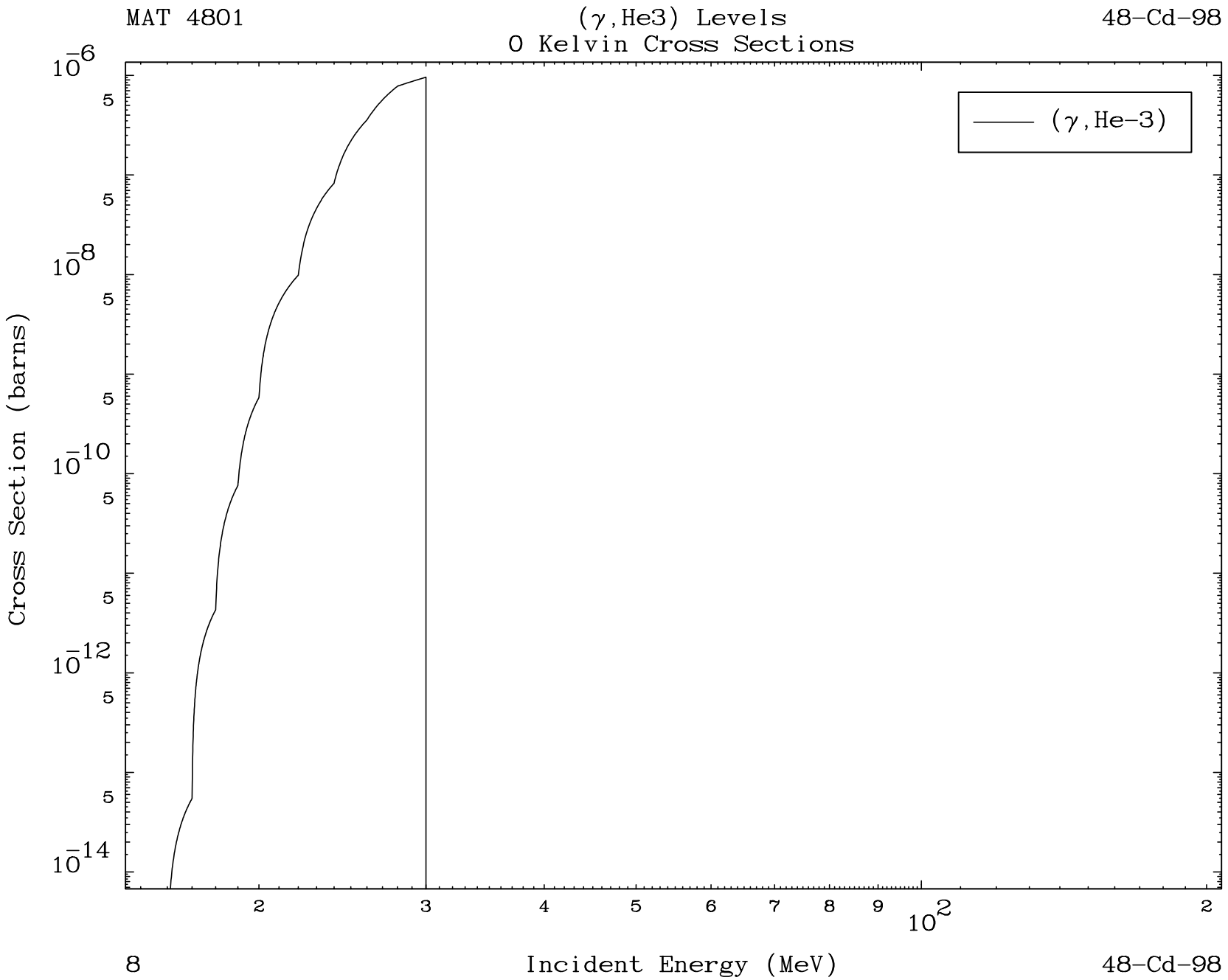

MAT 4801
Photon Charged Particle
0 Kelvin Cross Sections
48-Cd-98
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,n') p
(γ,p)
(γ,d)
(γ,t)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
3
48-Cd-98

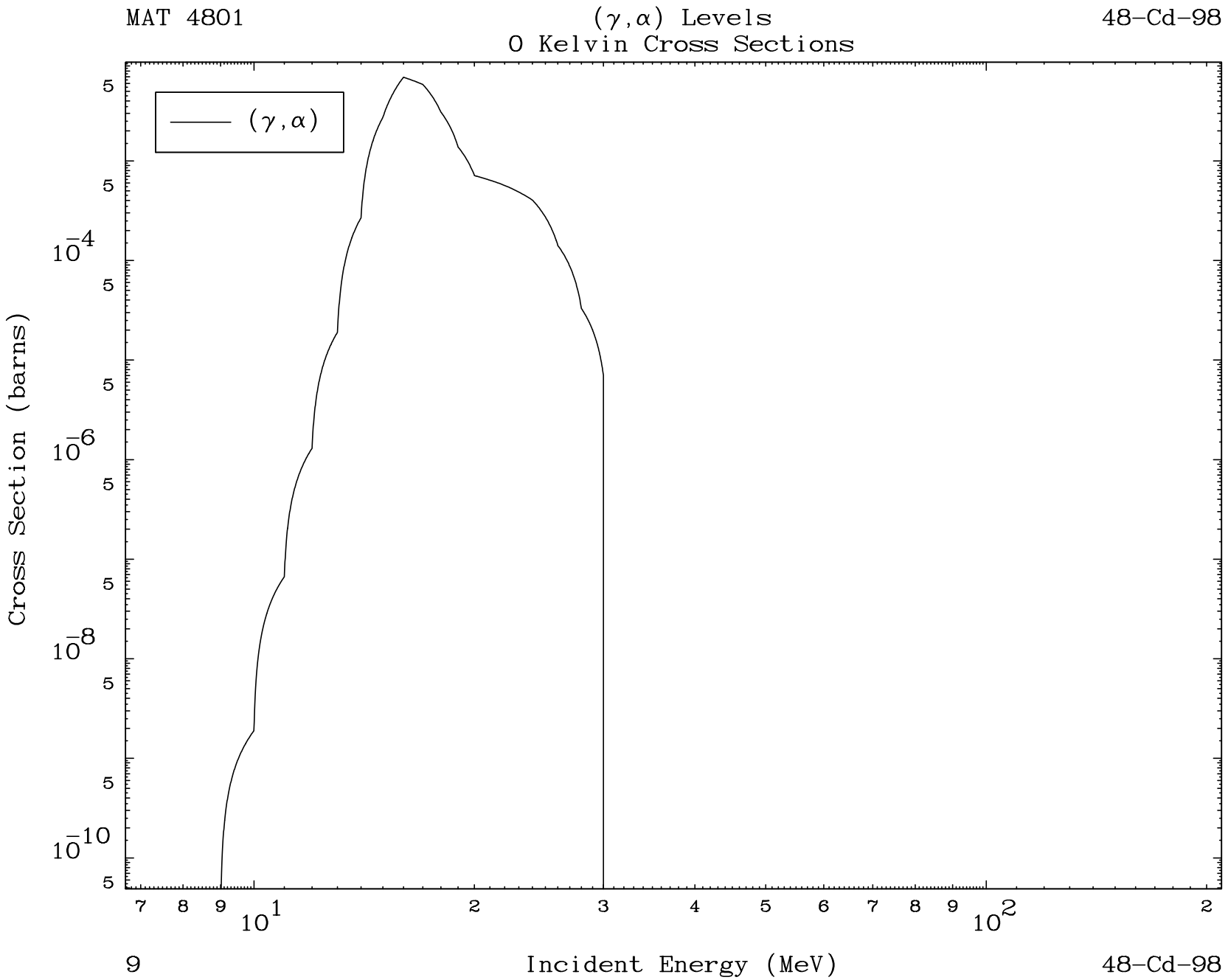

MAT 4801
(γ,n') Level
48-Cd-98
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
48-Cd-98

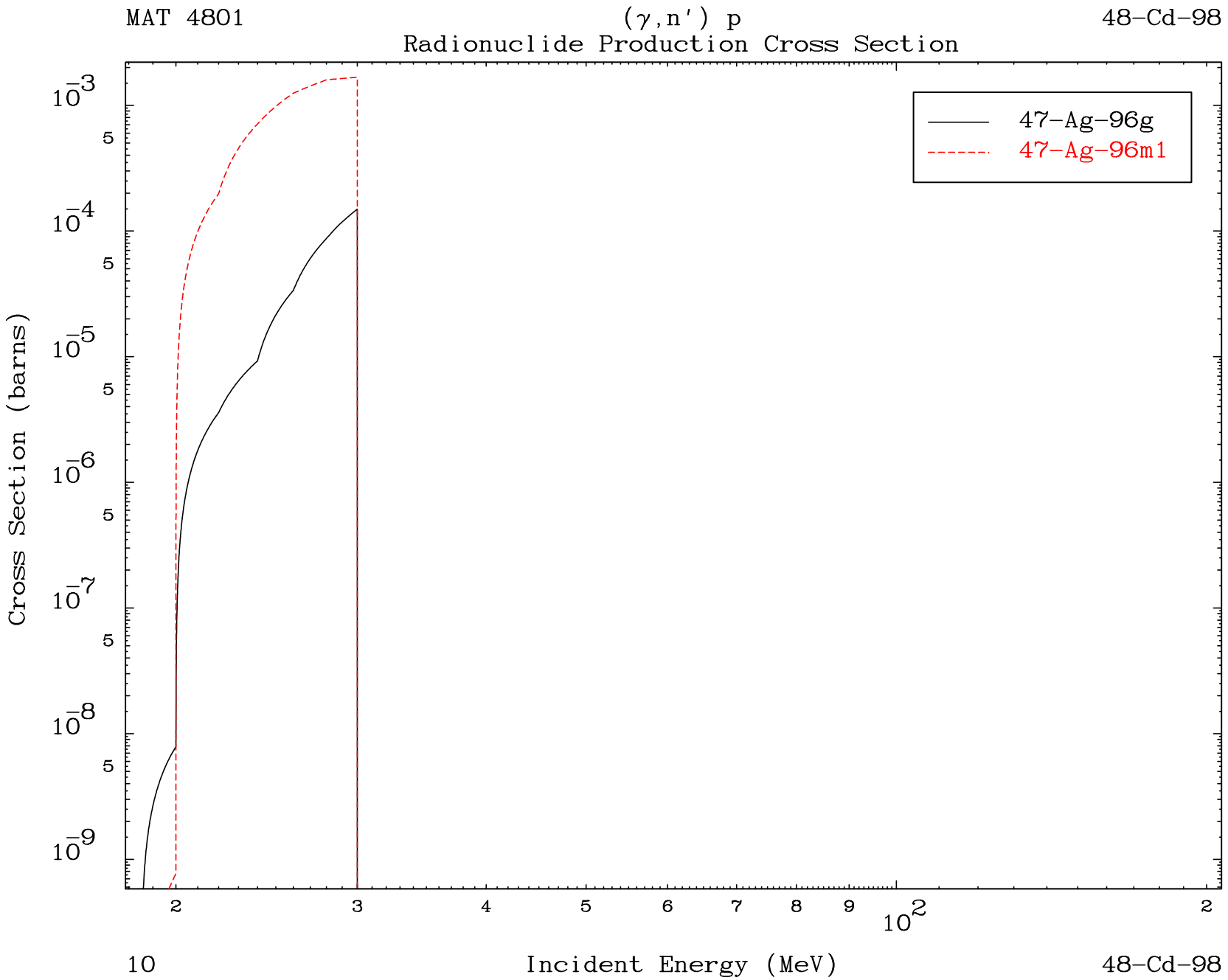

MAT 4801
(γ,p) Levels
48-Cd-98
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
(γ,p)
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
5
Incident Energy (MeV)
48-Cd-98

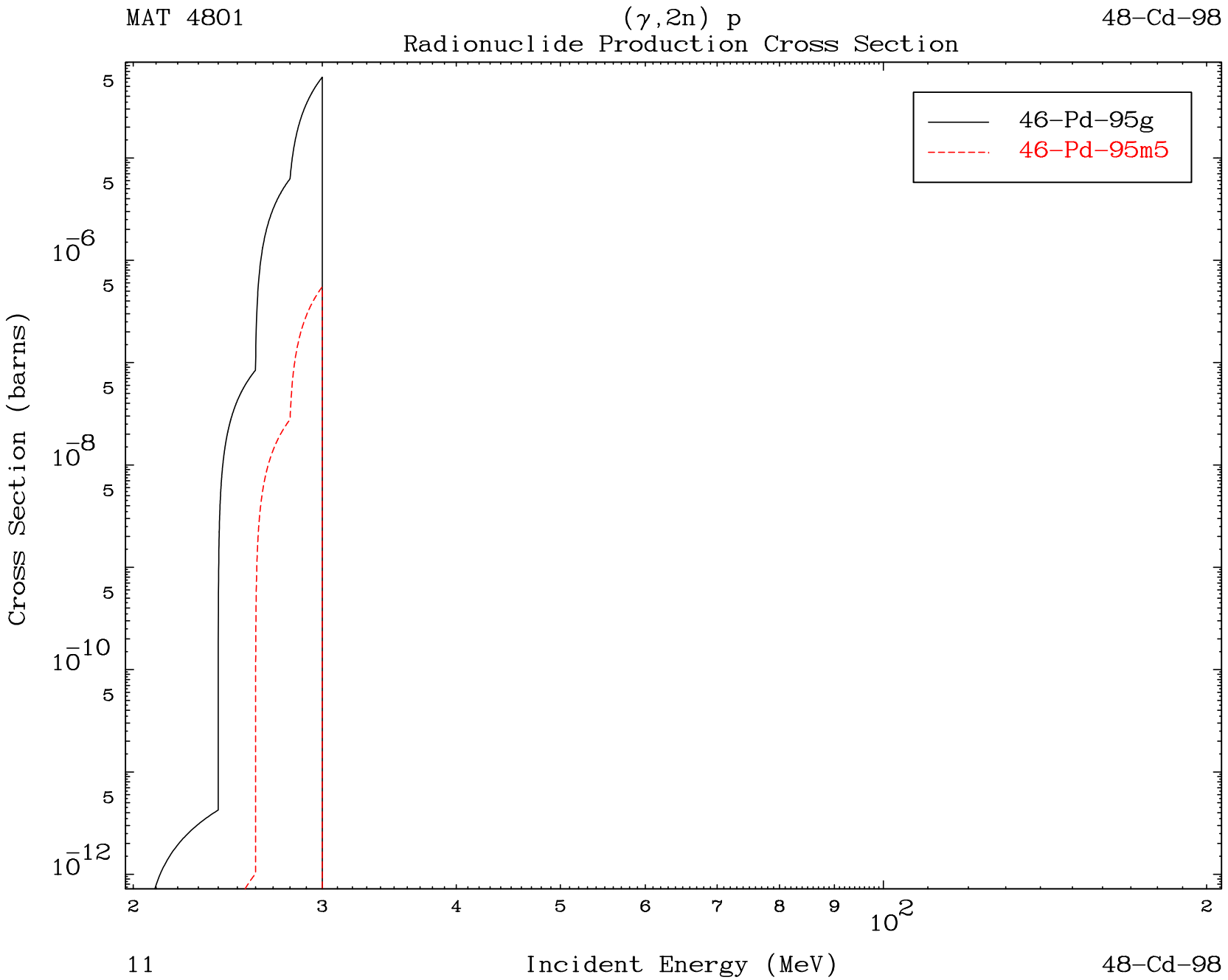

0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

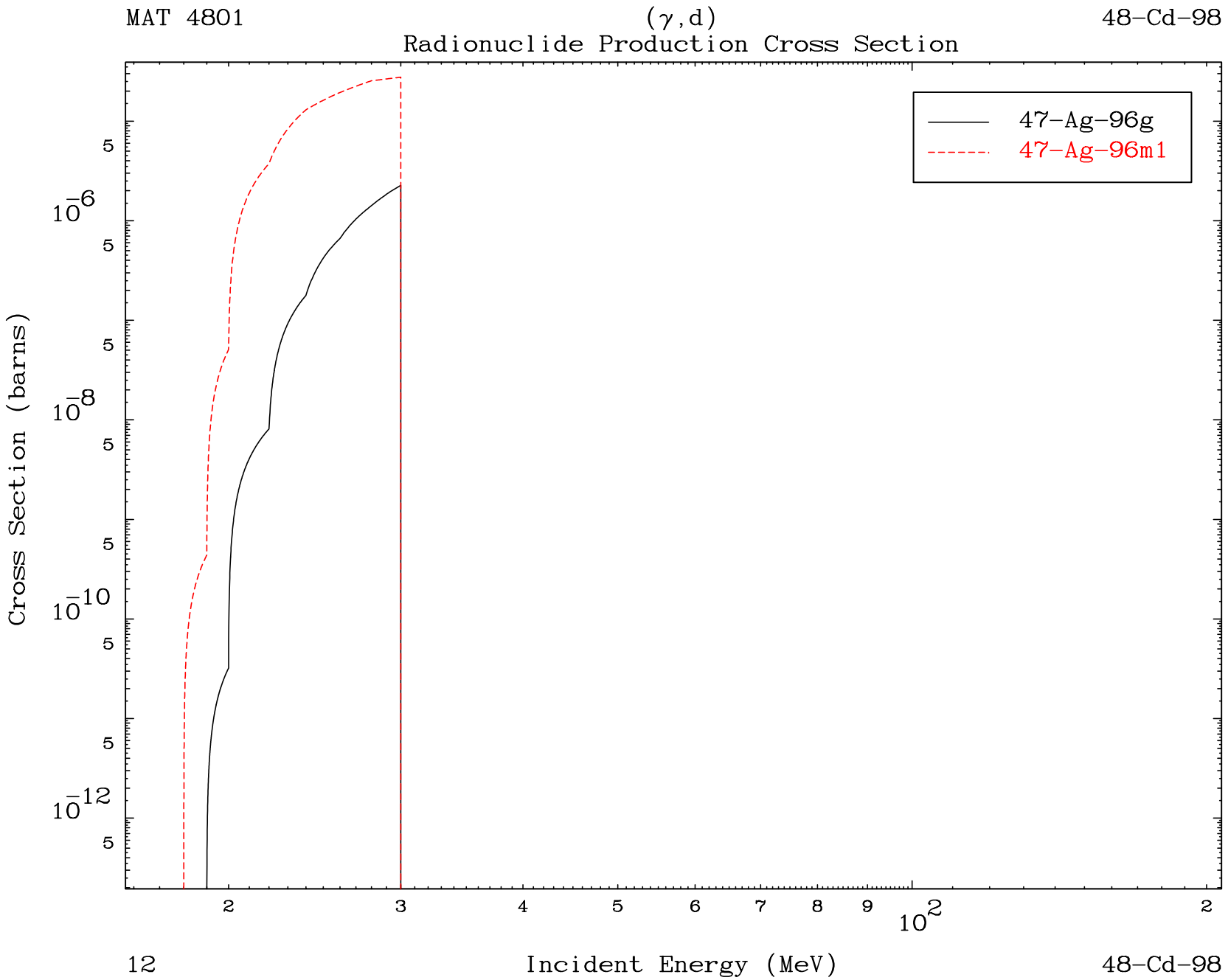

0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
5
10-9
5
10-10
5
10-11
5
10-12
5
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

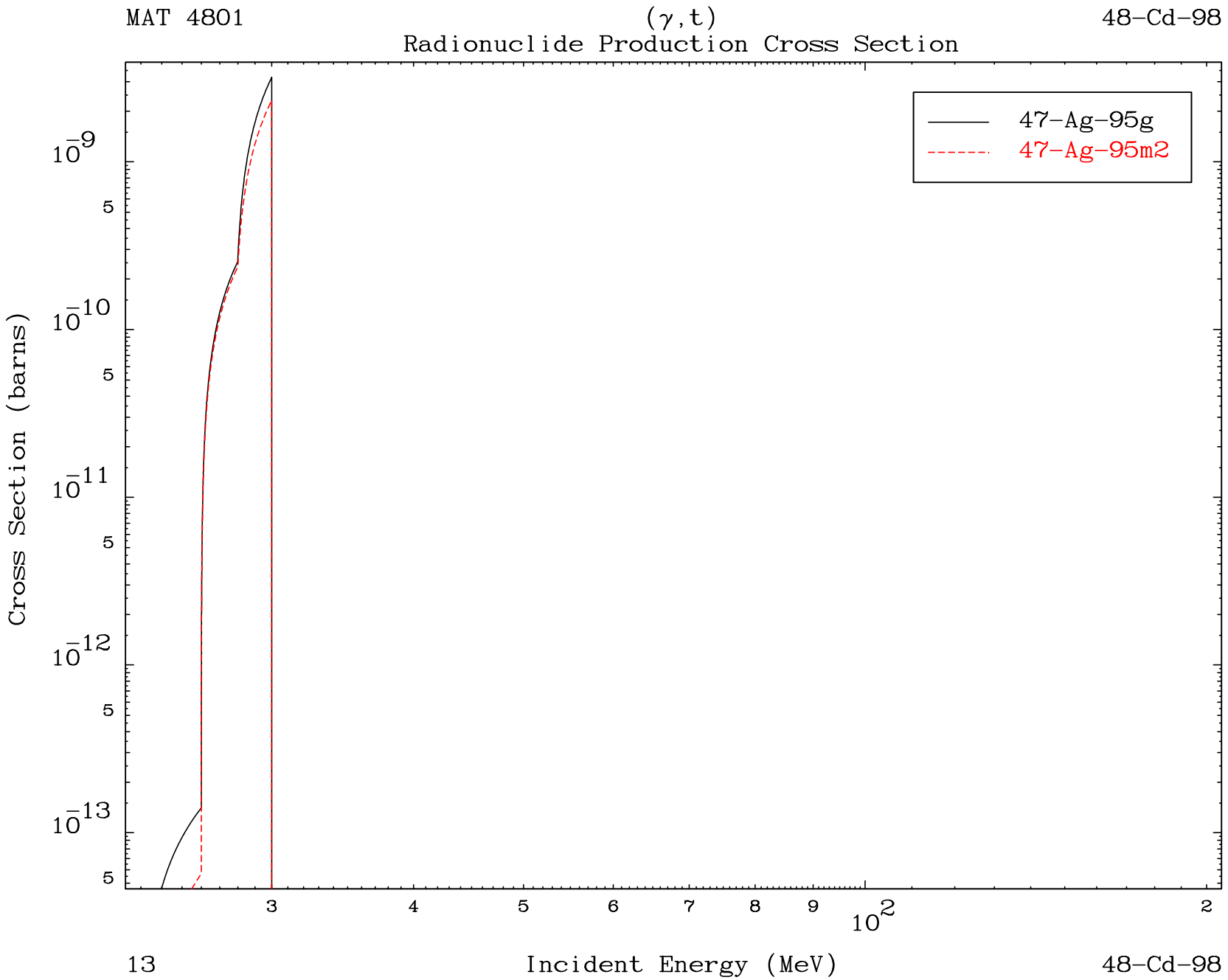

MAT 4801
(γ,He3) Levels
48-Cd-98
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10-6
10-8
10-10
10-12
10-14
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
48-Cd-98

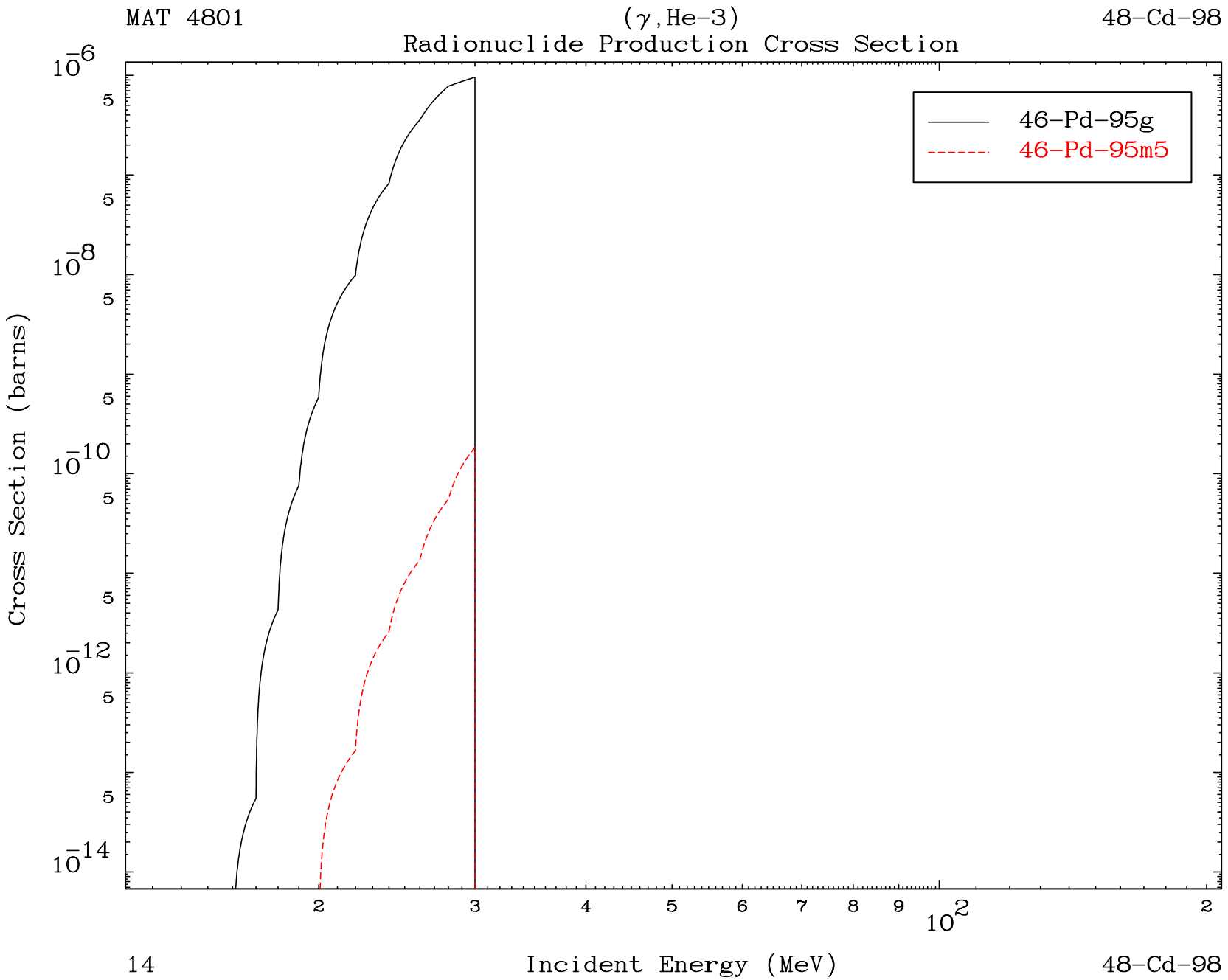

MAT 4801
(γ,α) Levels
48-Cd-98
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10⁻⁴
10⁻⁶
10⁻⁸
10⁻¹⁰
5
7 8 9 10¹ 2 3 4 5 6 7 8 9 10² 2
Incident Energy (MeV)
9
48-Cd-98

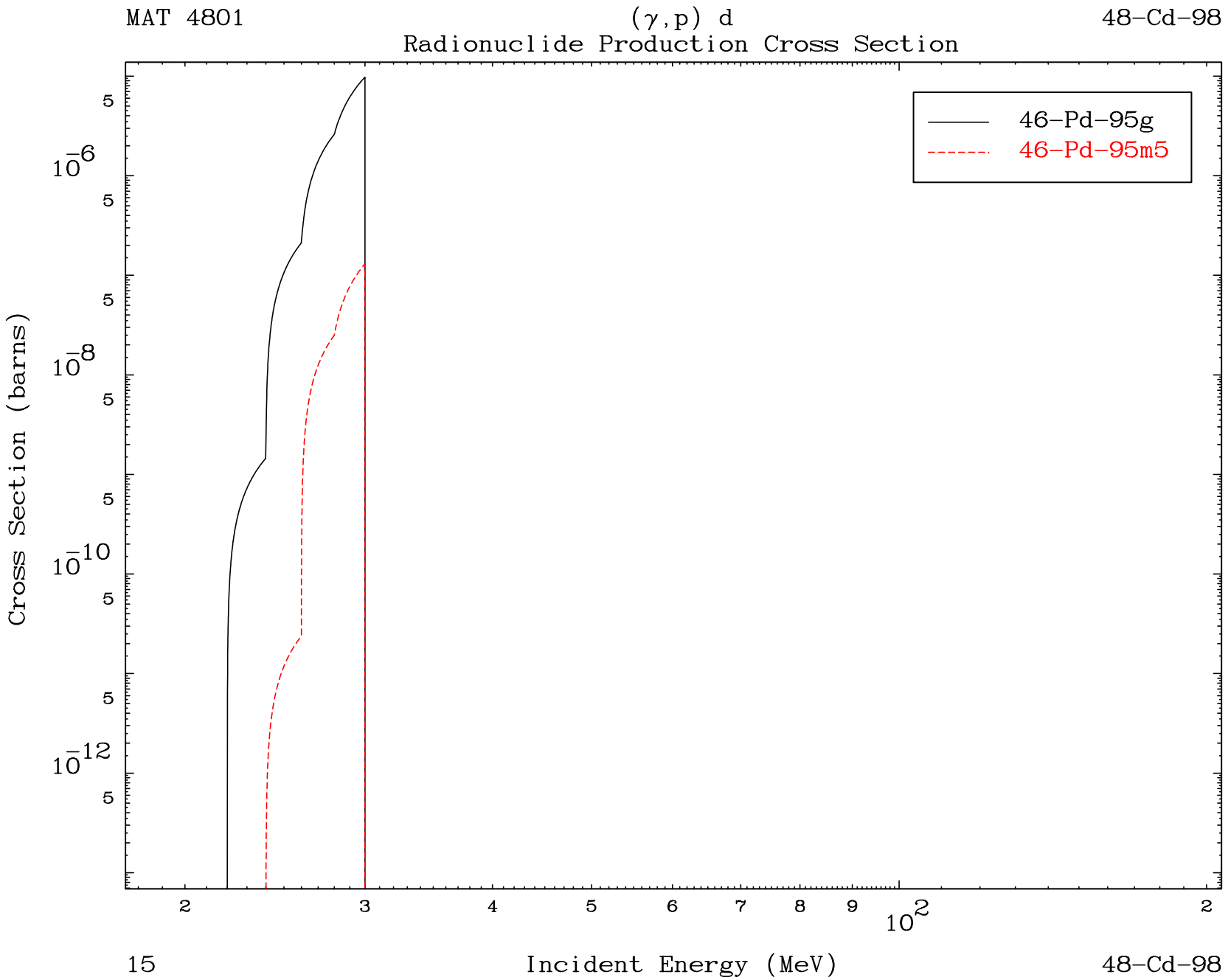

MAT 4801
(γ,n') p
48-Cd-98
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
10^-3
10^-4
10^-5
10^-6
10^-7
10^-8
10^-9
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
48-Cd-98


MAT 4801
(γ,2n) p
48-Cd-98
Radionuclide Production Cross Section
46-Pd-95g
46-Pd-95m5
Cross Section (barns)
Incident Energy (MeV)
11
48-Cd-98


MAT 4801
(γ,d)
48-Cd-98
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
48-Cd-98


MAT 4801
(γ,t)
48-Cd-98
Radionuclide Production Cross Section
47-Ag-95g
47-Ag-95m2
Cross Section (barns)
10^-9
10^-10
10^-11
10^-12
10^-13
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
48-Cd-98


MAT 4801
(γ,He-3)
48-Cd-98
Radionuclide Production Cross Section
46-Pd-95g
46-Pd-95m5
Cross Section (barns)
Incident Energy (MeV)
14
48-Cd-98


MAT 4801
(γ,p) d
48-Cd-98
Radionuclide Production Cross Section
46-Pd-95g
46-Pd-95m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
48-Cd-98