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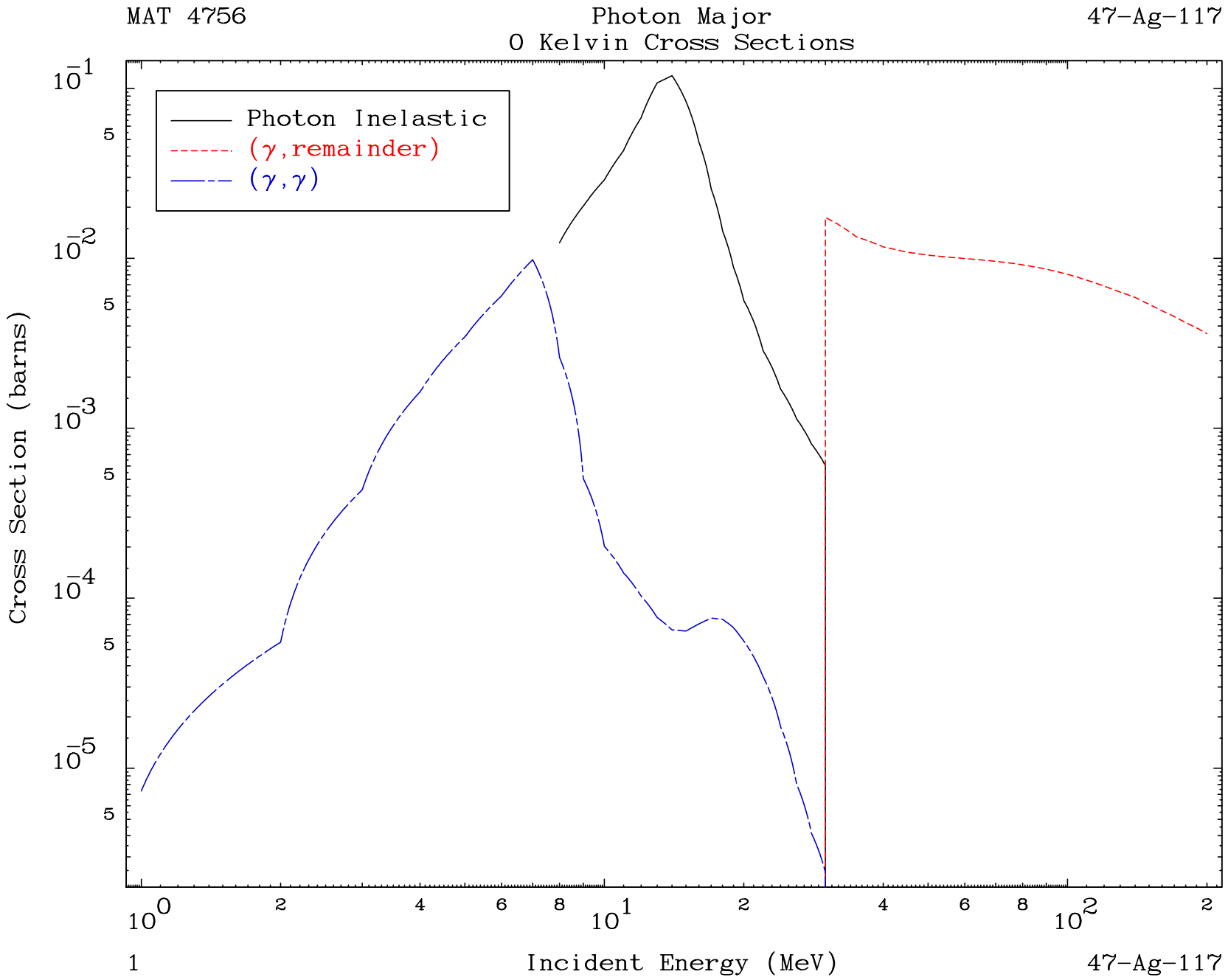
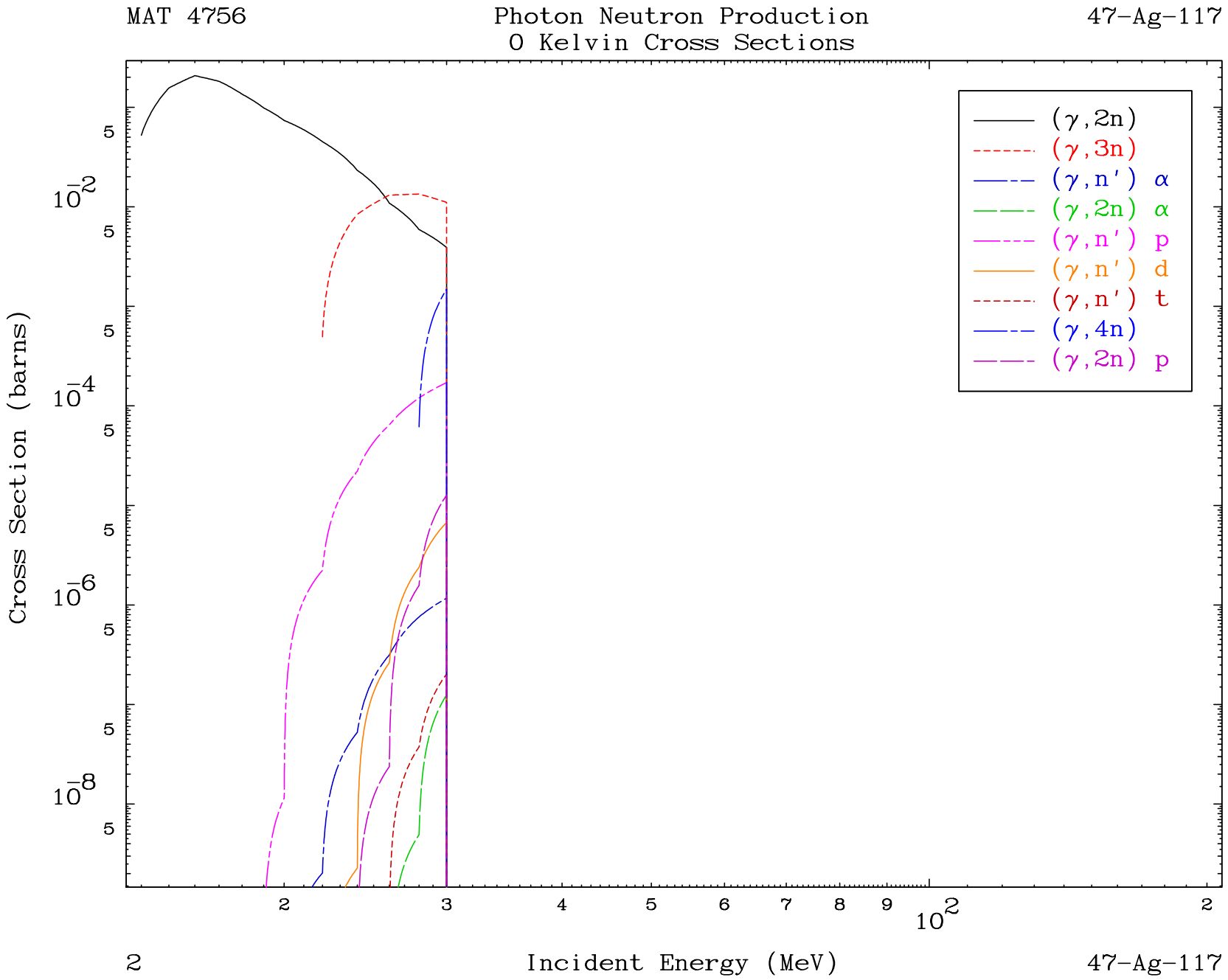
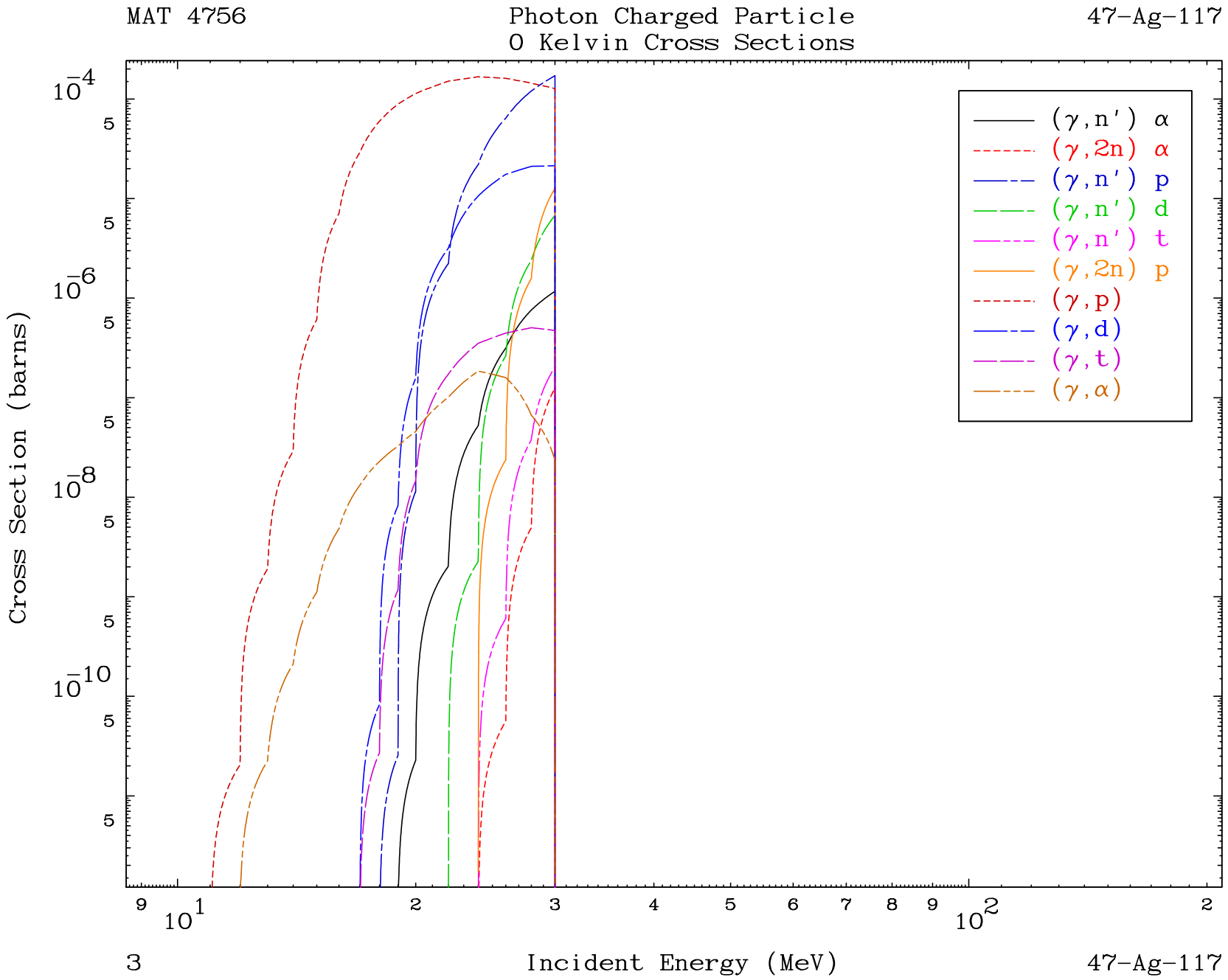
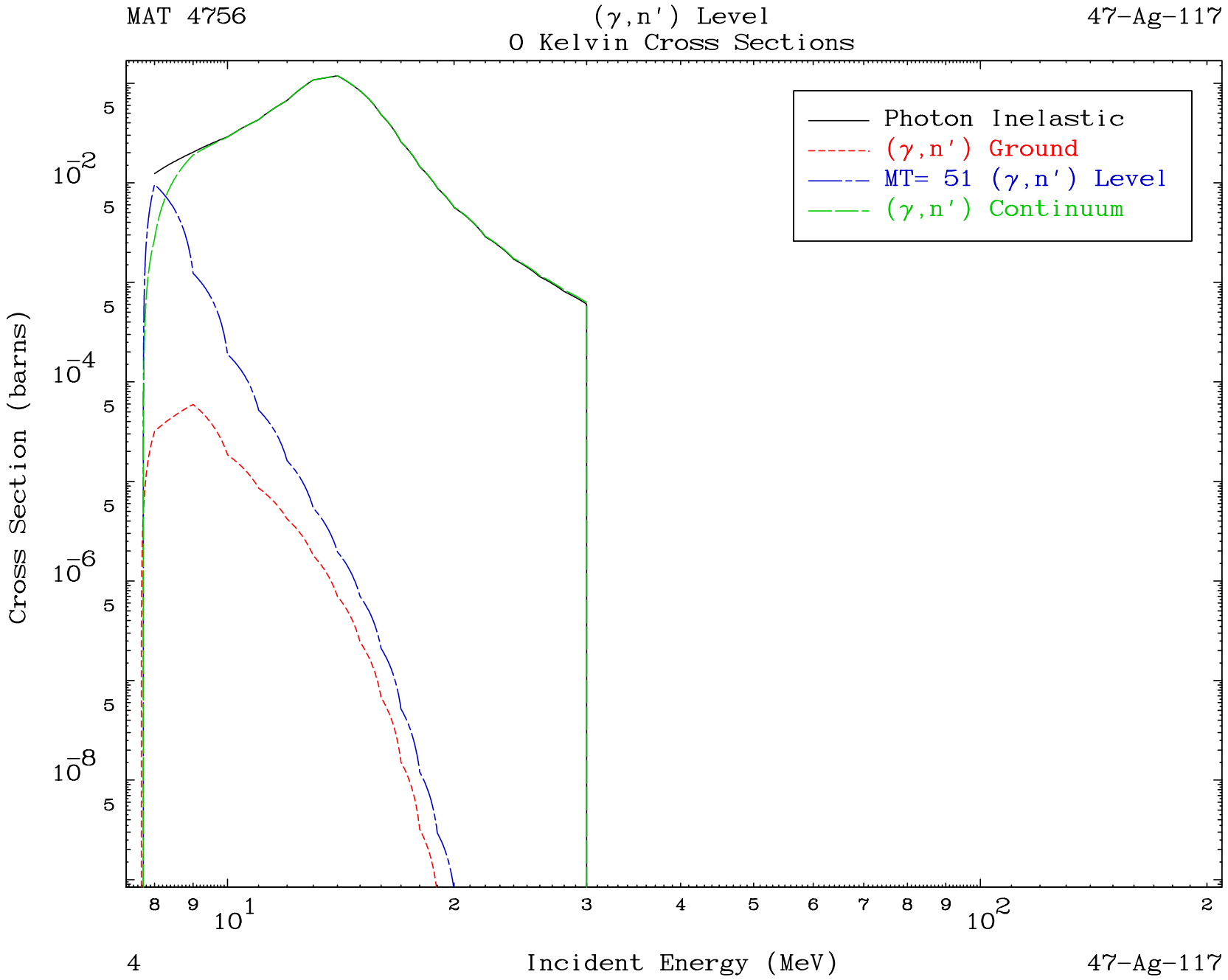
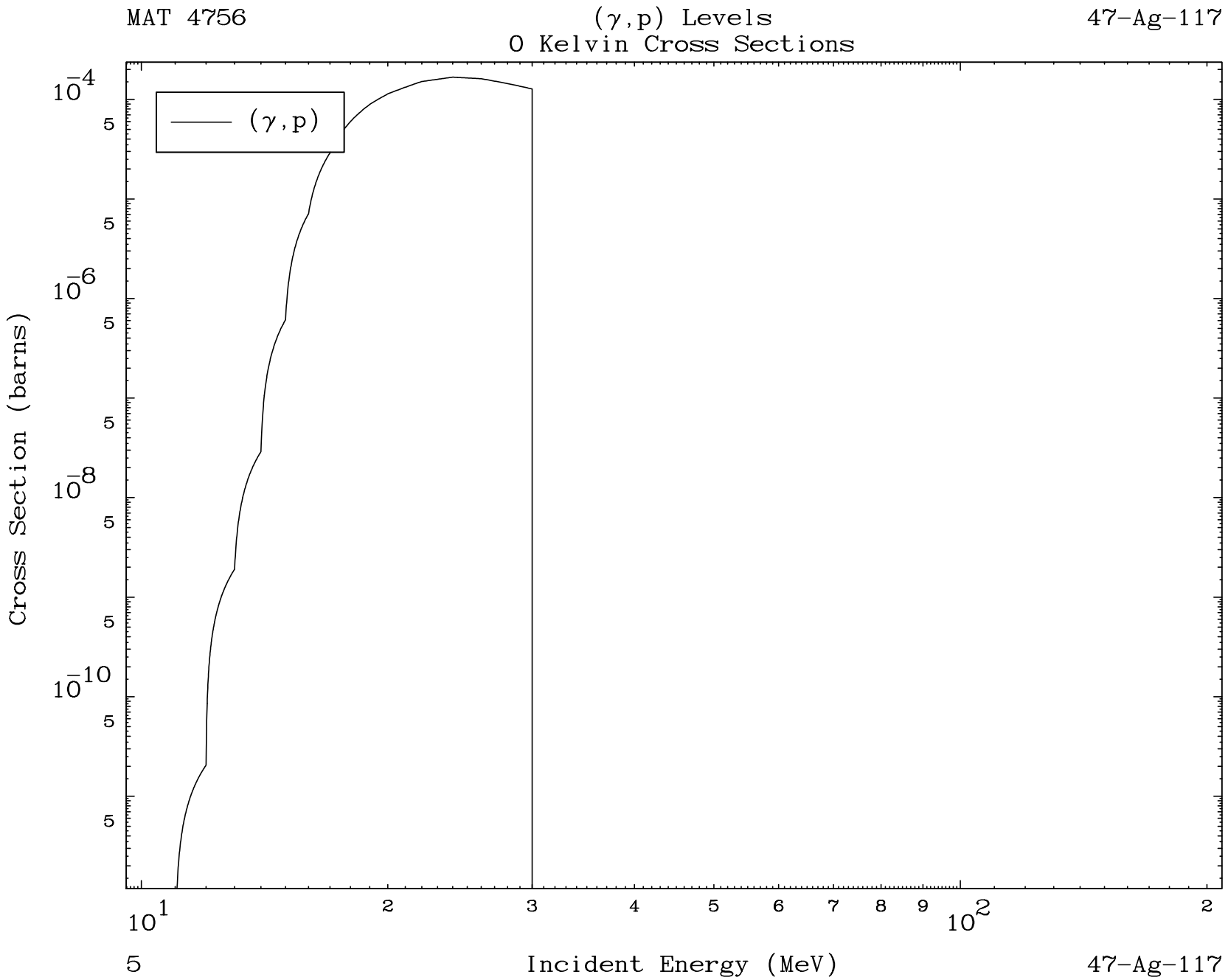
Press Mouse Button to Start

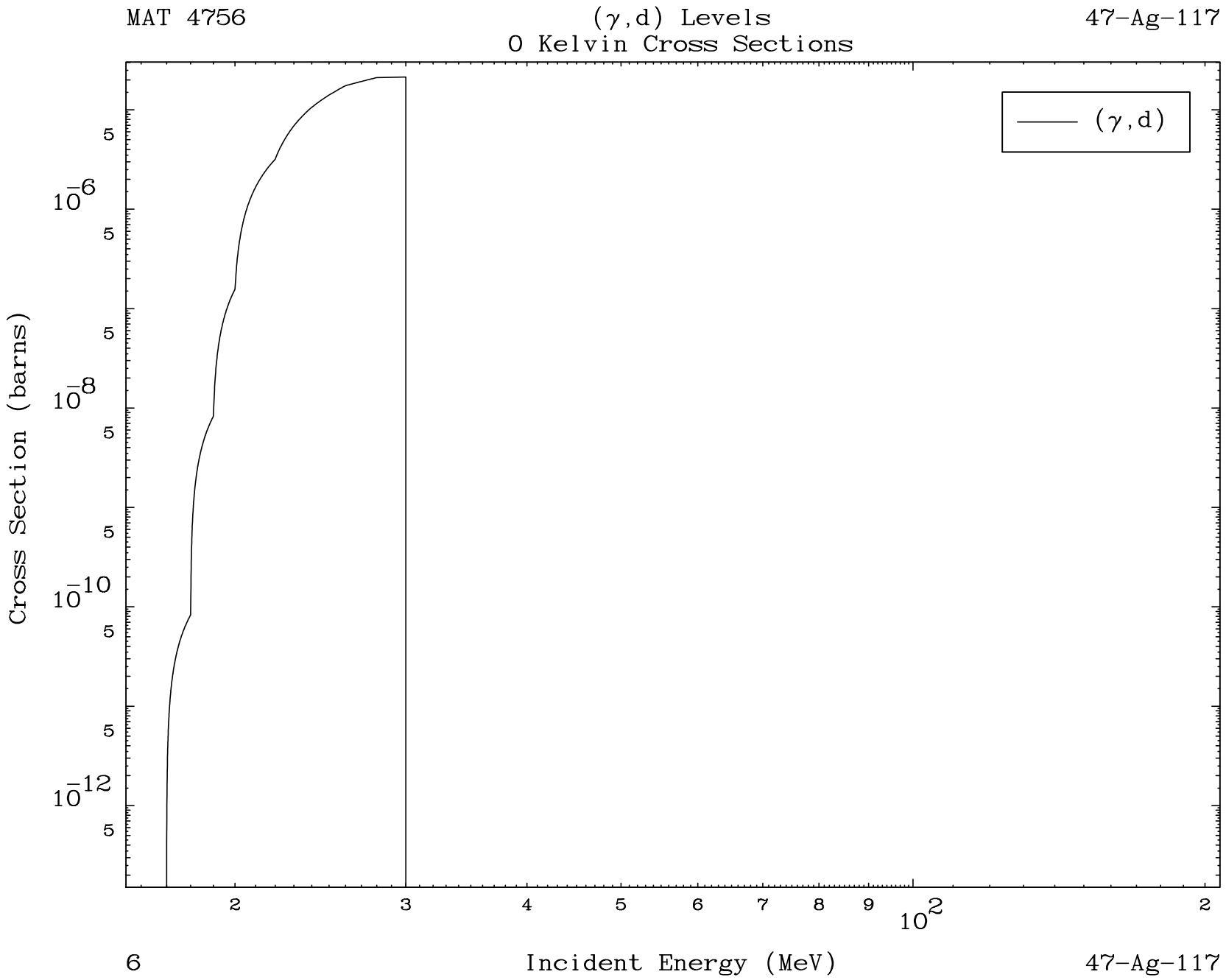

MAT 4756
Photon Major
47-Ag-117
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
47-Ag-117

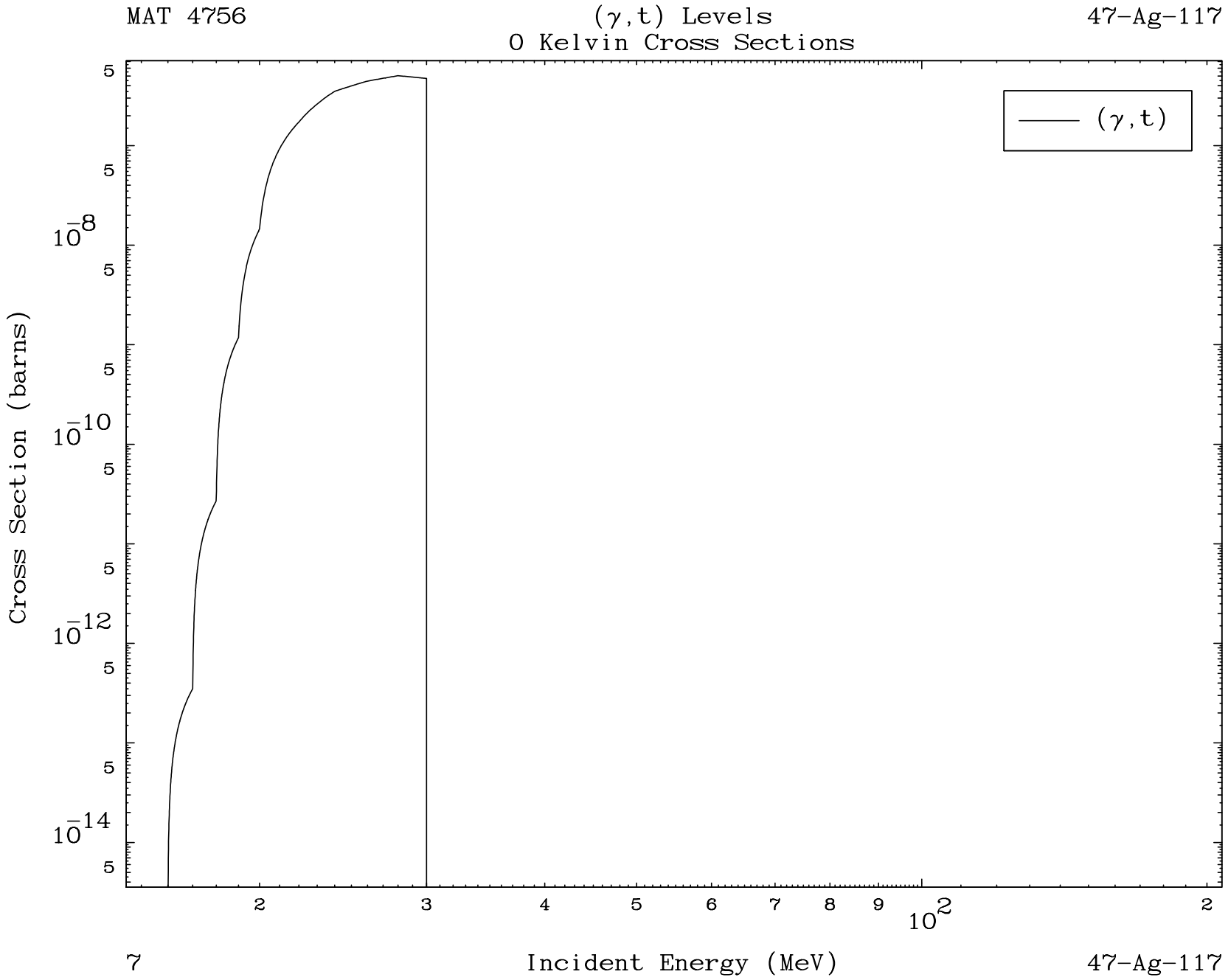

MAT 4756
Photon Neutron Production
0 Kelvin Cross Sections
47-Ag-117
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
47-Ag-117

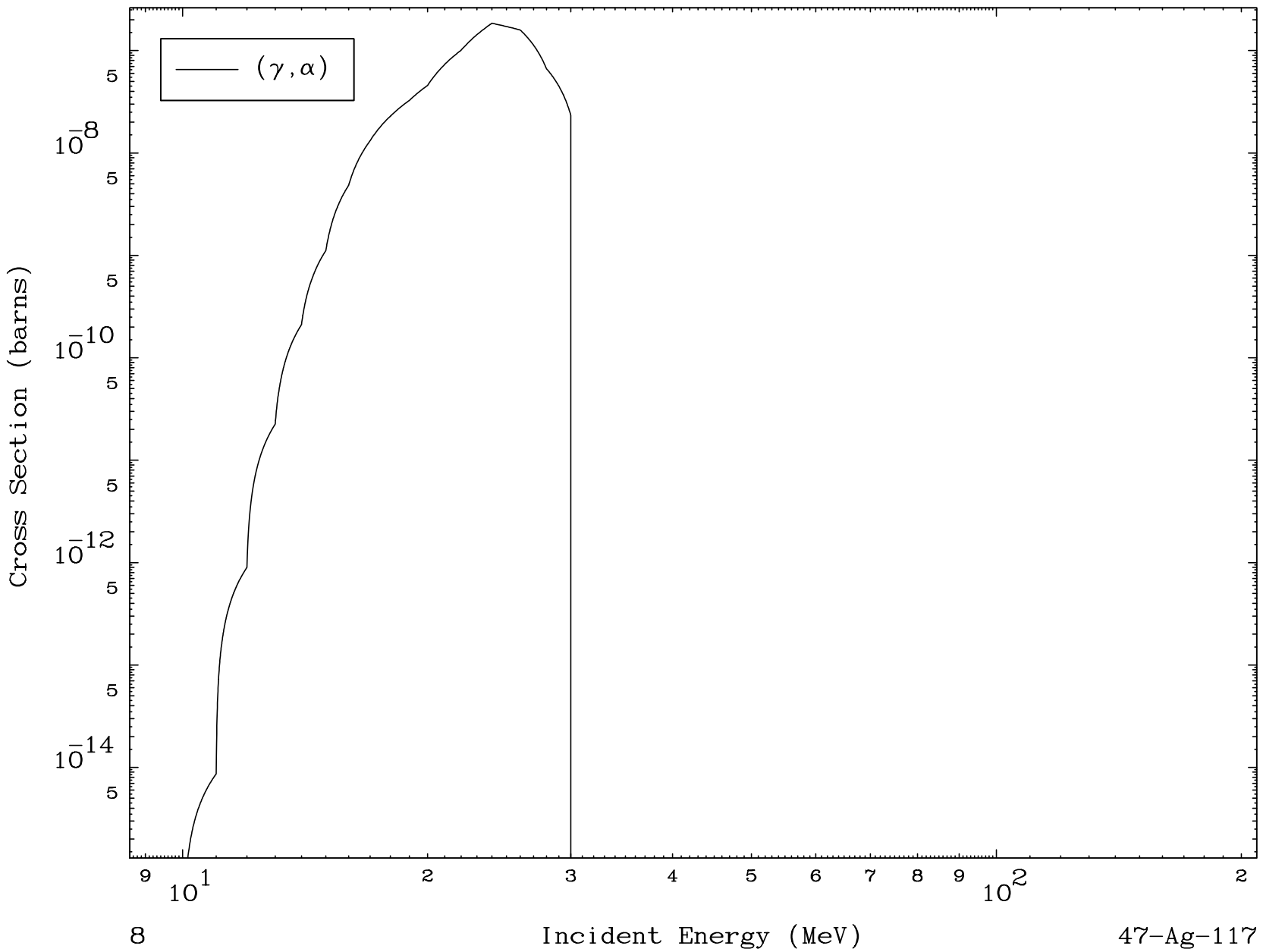

MAT 4756
Photon Charged Particle
0 Kelvin Cross Sections
47-Ag-117
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
3
47-Ag-117

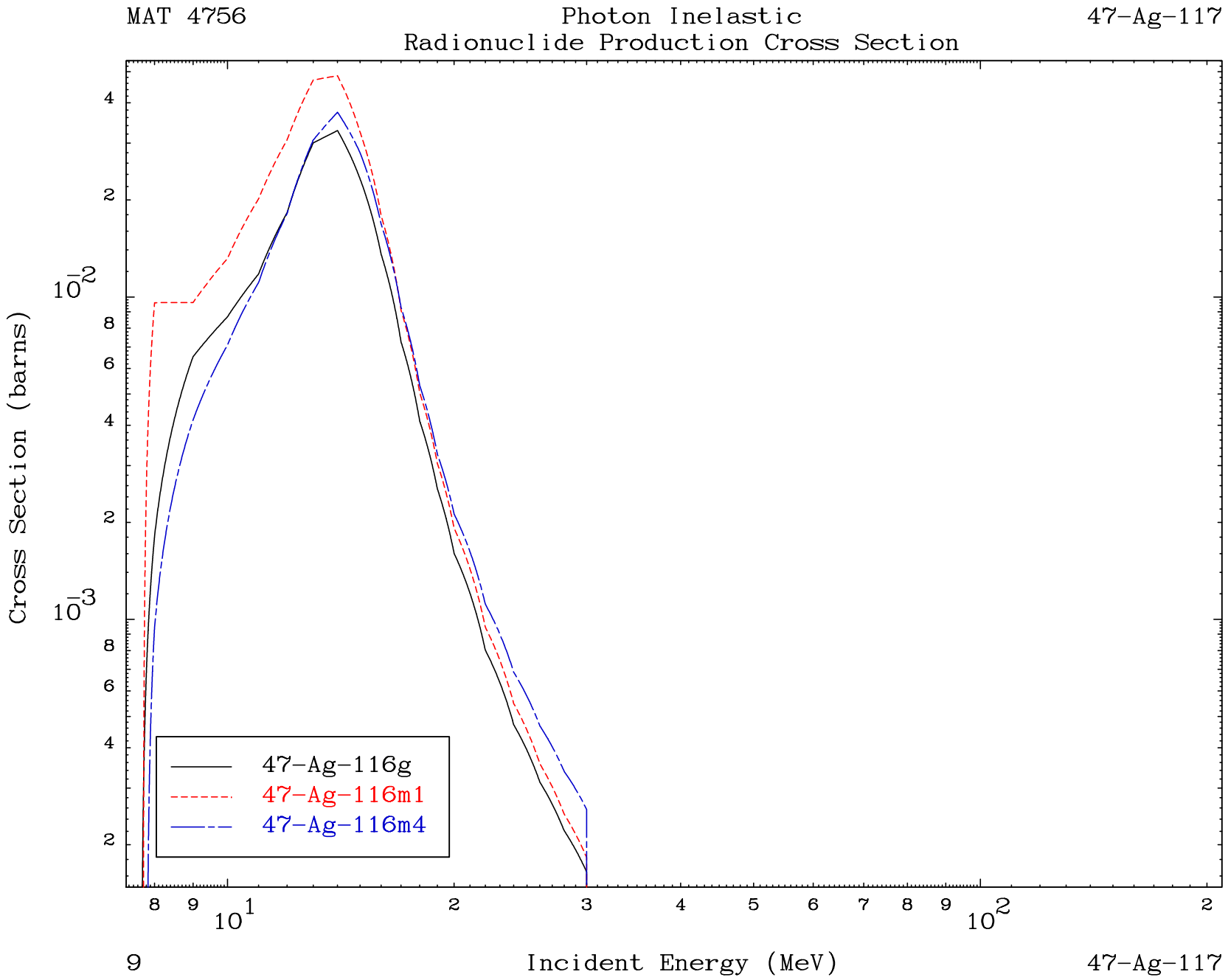

MAT 4756
(γ,n') Level
47-Ag-117
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
47-Ag-117

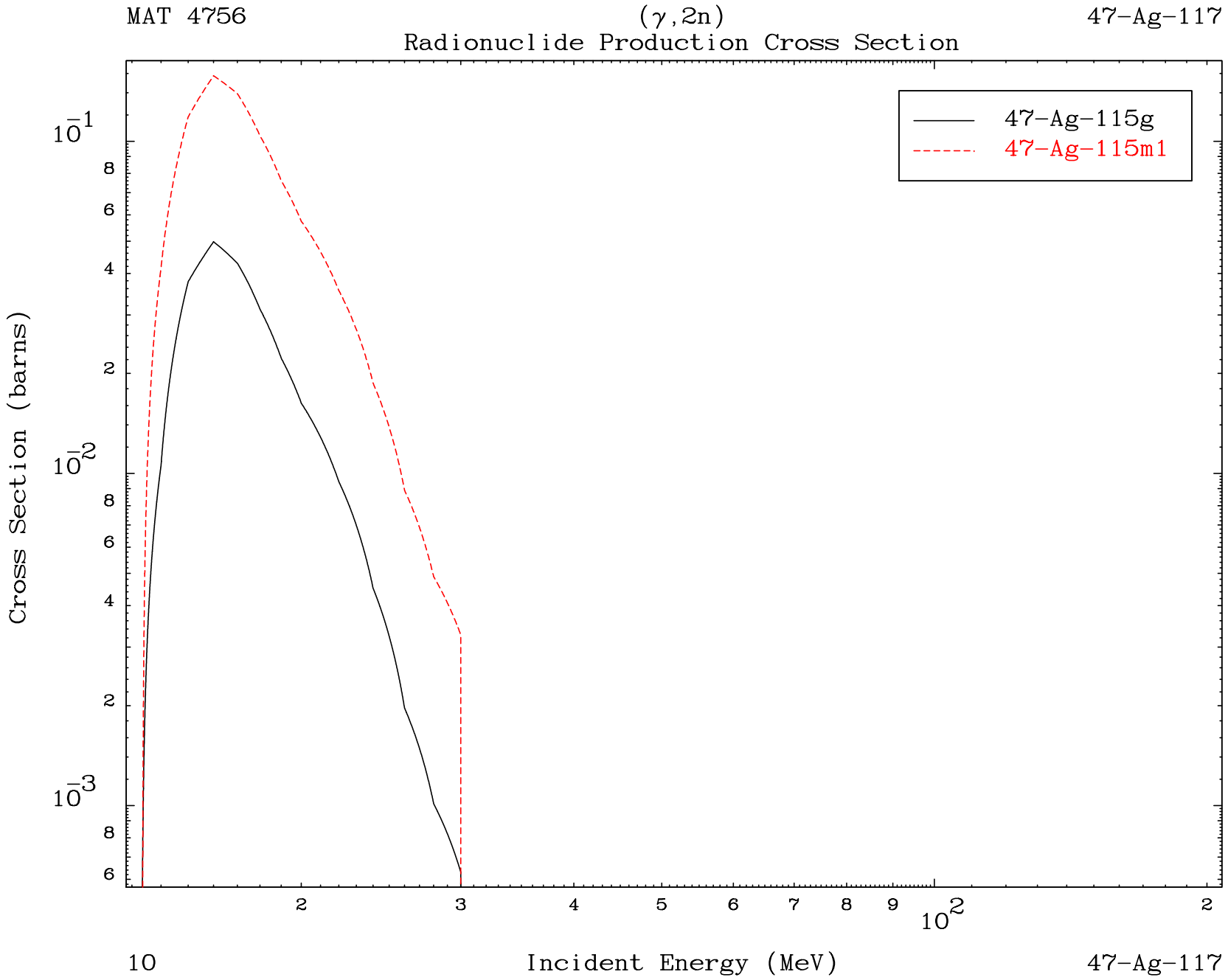

MAT 4756
(γ,p) Levels
47-Ag-117
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
47-Ag-117

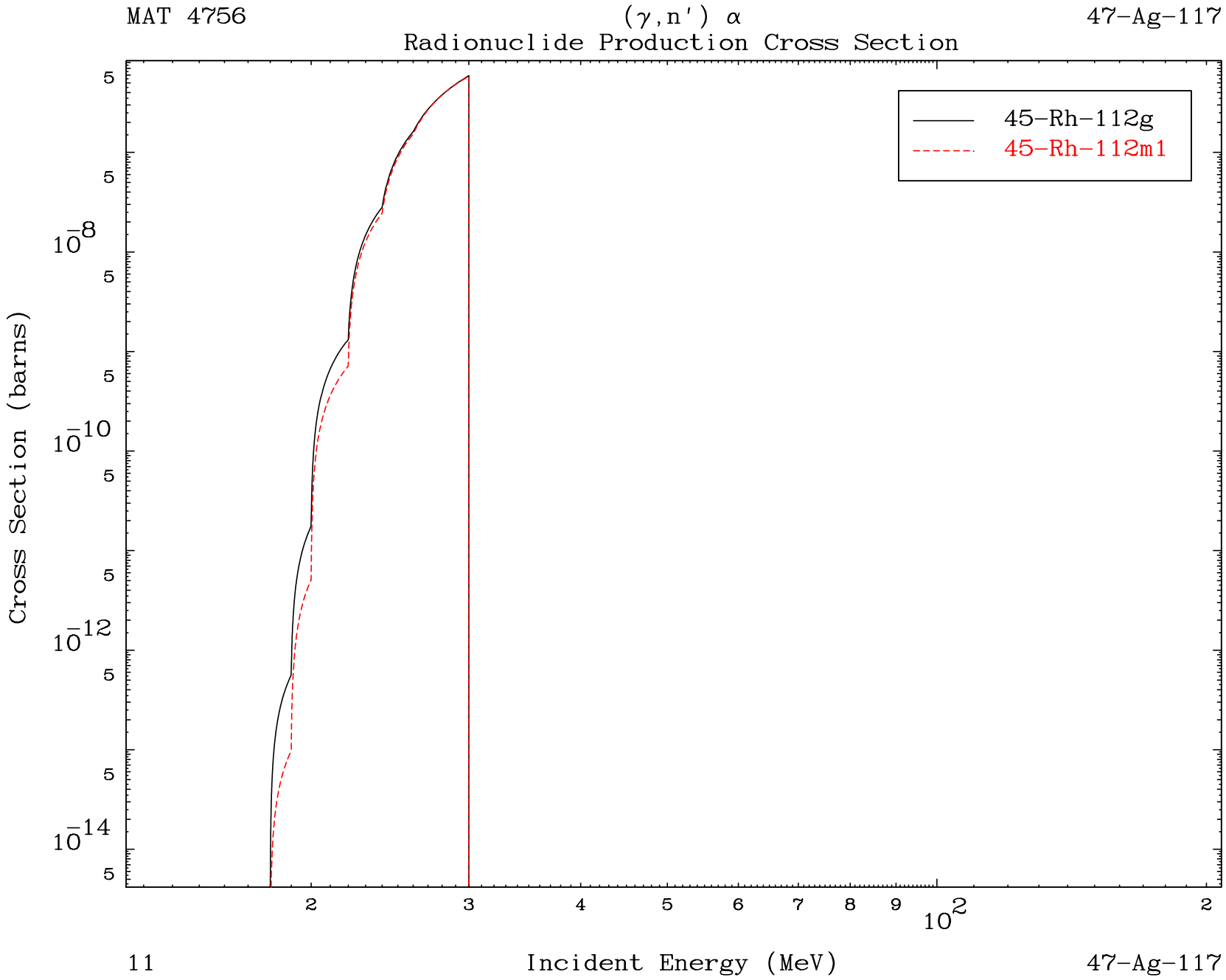

MAT 4756
(γ,d) Levels
47-Ag-117
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
6
47-Ag-117

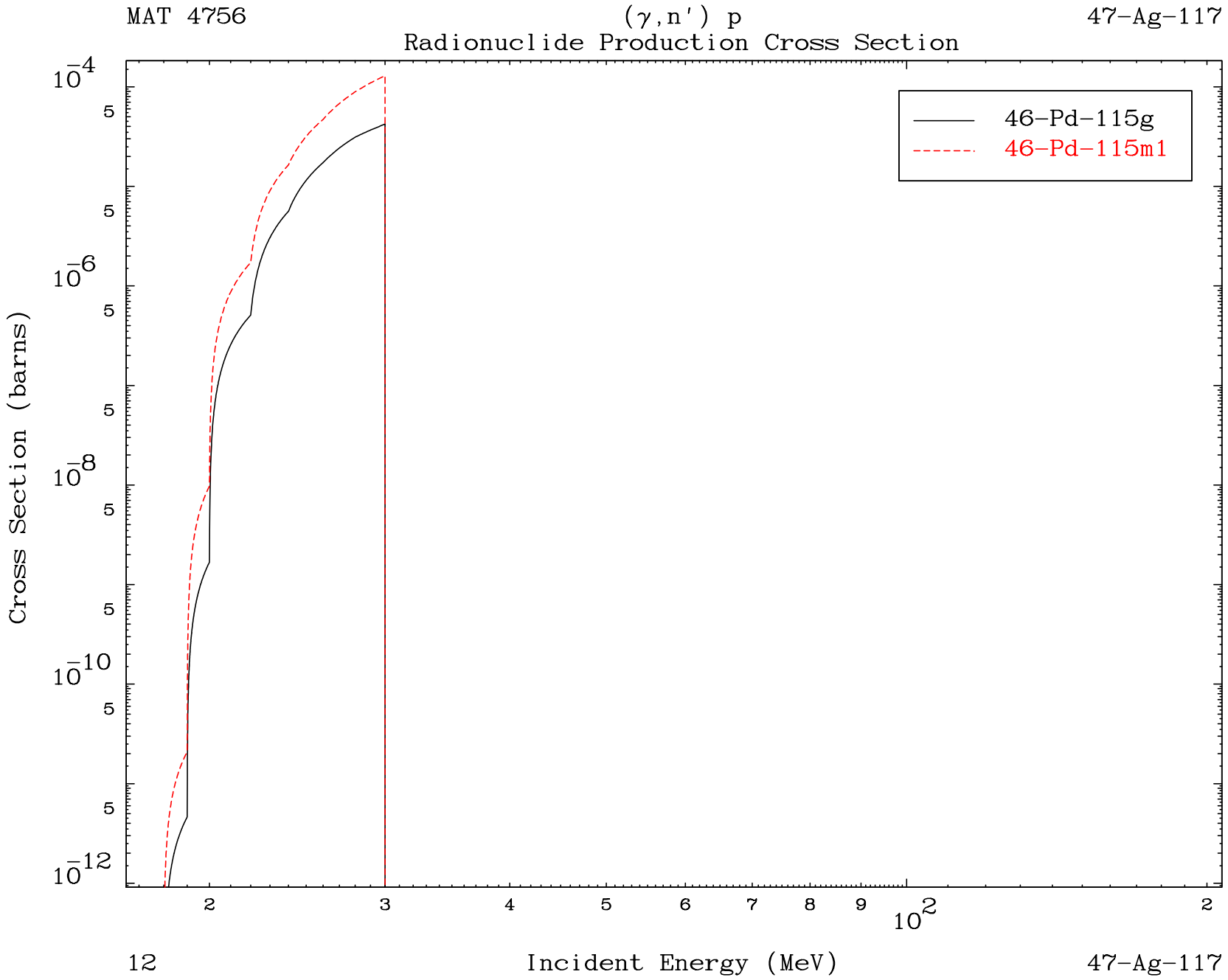

MAT 4756
(γ,t) Levels
47-Ag-117
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
47-Ag-117

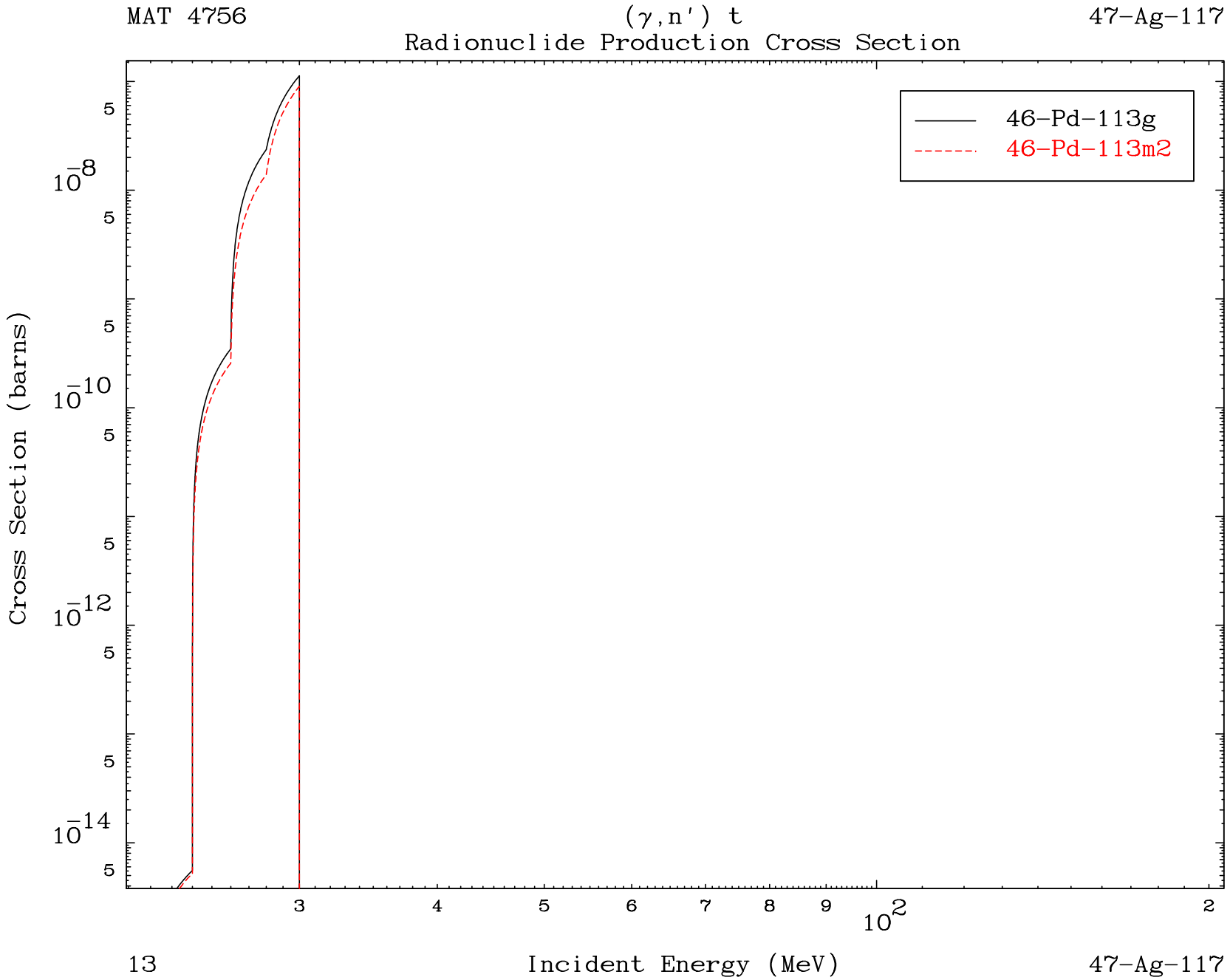

0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

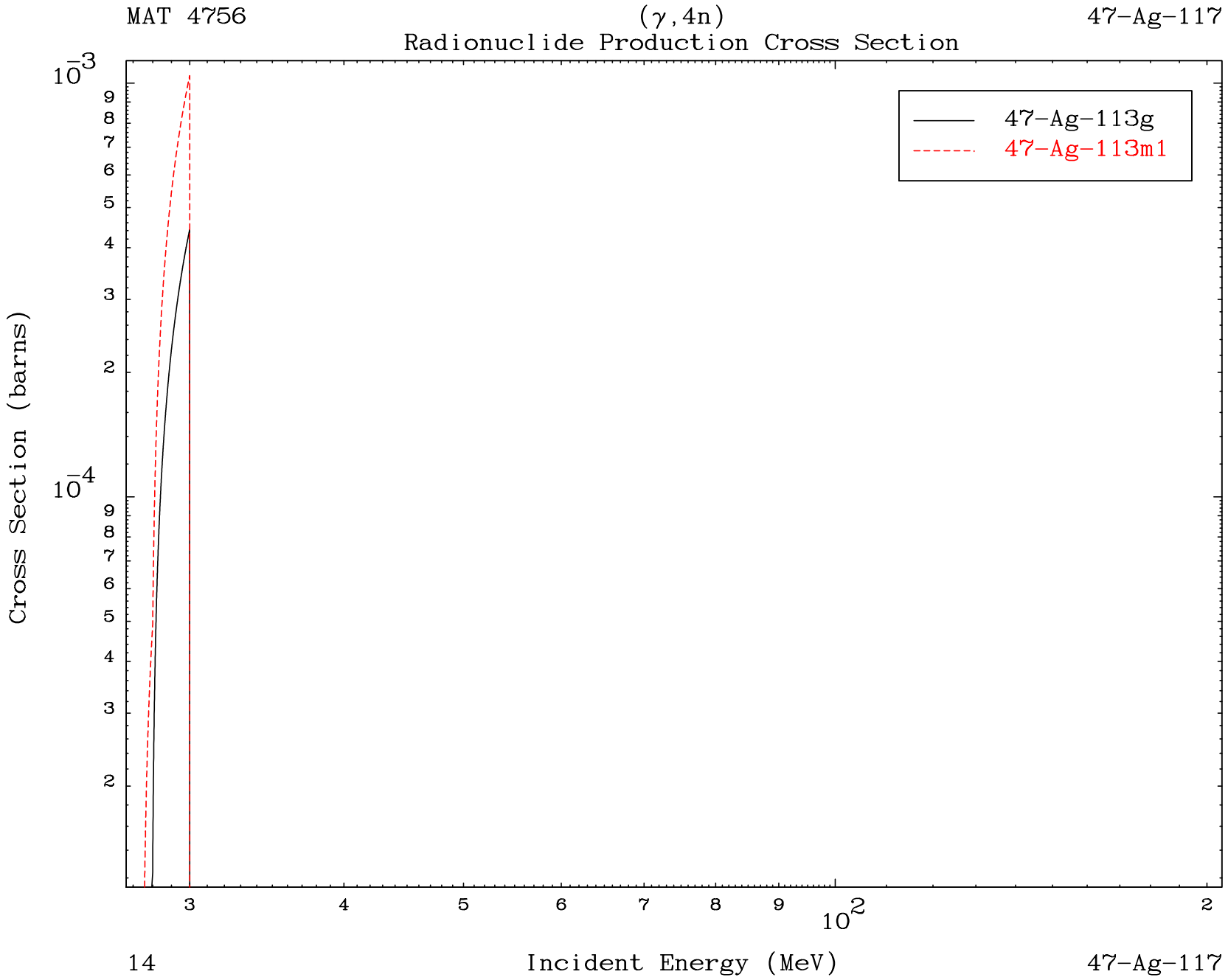

MAT 4756
Photon Inelastic
47-Ag-117
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
47-Ag-116g
47-Ag-116m1
47-Ag-116m4
9
47-Ag-117

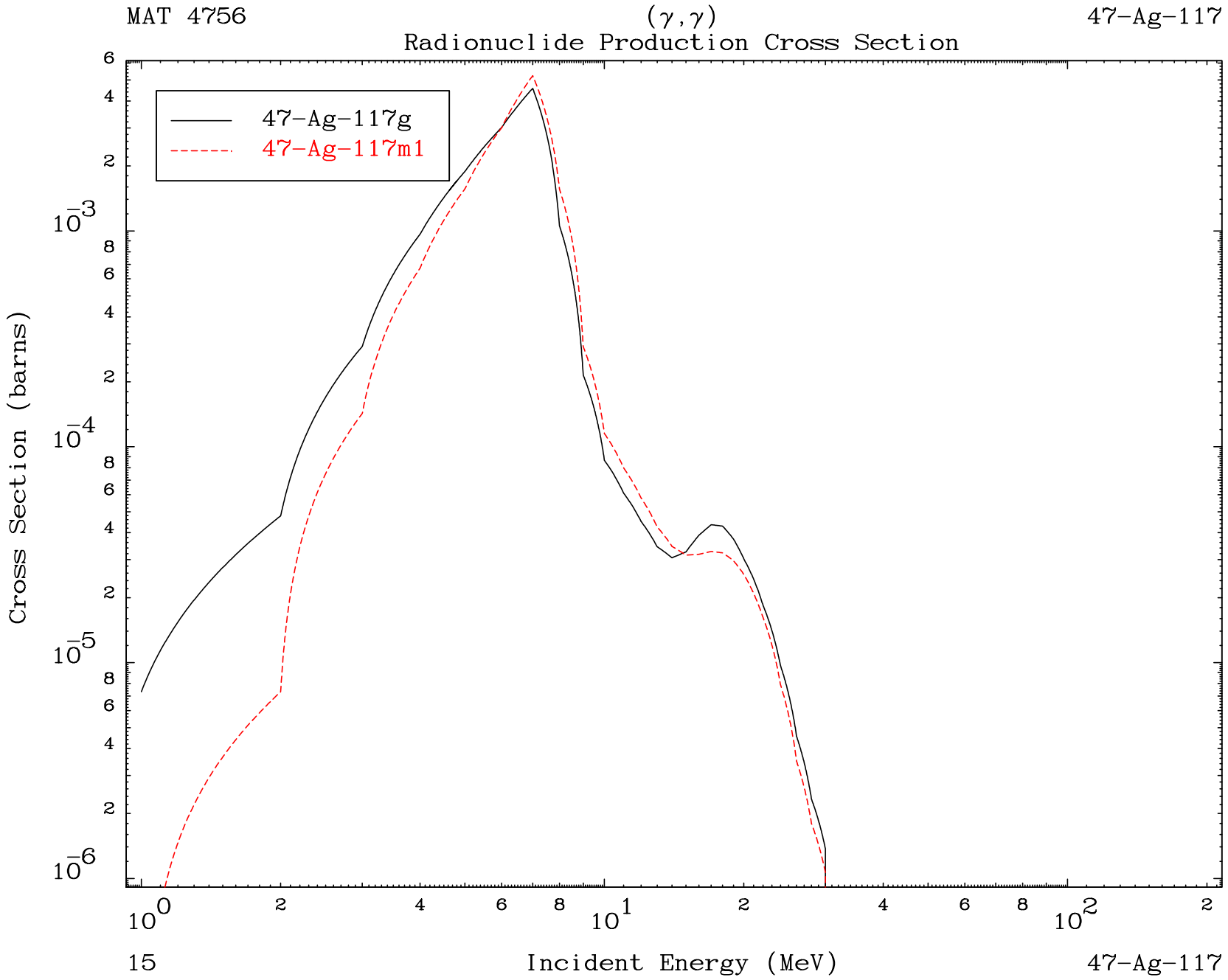

MAT 4756
(γ,2n)
47-Ag-117
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
10^-1
10^-2
10^-3
8
6
4
2
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
47-Ag-117

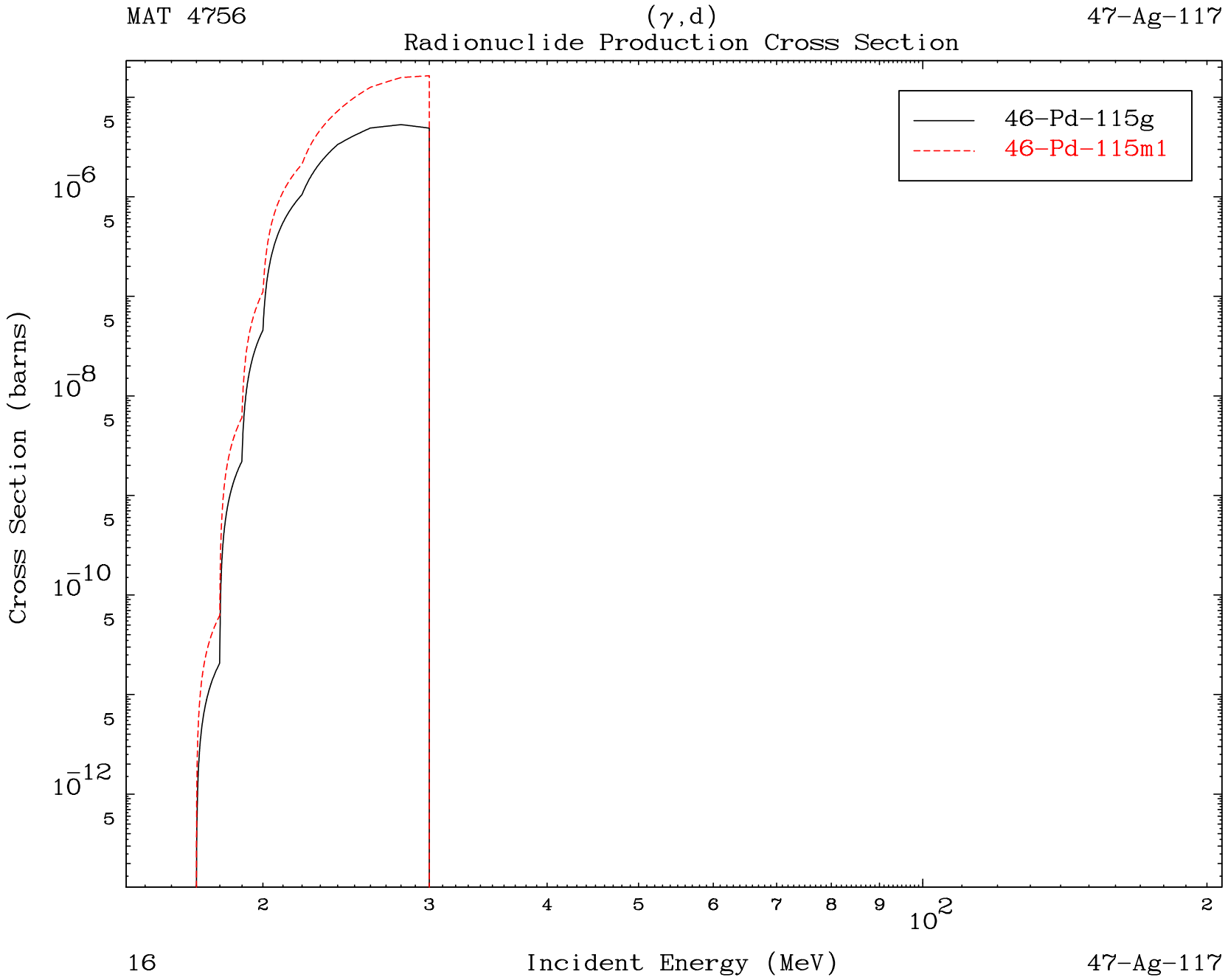

MAT 4756
(γ,n') α
47-Ag-117
Radionuclide Production Cross Section
45-Rh-112g
45-Rh-112m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
11
Incident Energy (MeV)
47-Ag-117


MAT 4756
(γ,n') p
47-Ag-117
Radionuclide Production Cross Section
46-Pd-115g
46-Pd-115m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
47-Ag-117


MAT 4756
(γ,n') t
47-Ag-117
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
47-Ag-117


MAT 4756
(γ,4n)
47-Ag-117
Radionuclide Production Cross Section
47-Ag-113g
47-Ag-113m1
Cross Section (barns)
Incident Energy (MeV)
14
47-Ag-117


MAT 4756
(γ,γ)
47-Ag-117
Radionuclide Production Cross Section
47-Ag-117g
47-Ag-117m1
Cross Section (barns)
Incident Energy (MeV)
47-Ag-117
15


MAT 4756
(γ,d)
47-Ag-117
Radionuclide Production Cross Section
46-Pd-115g
46-Pd-115m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
47-Ag-117