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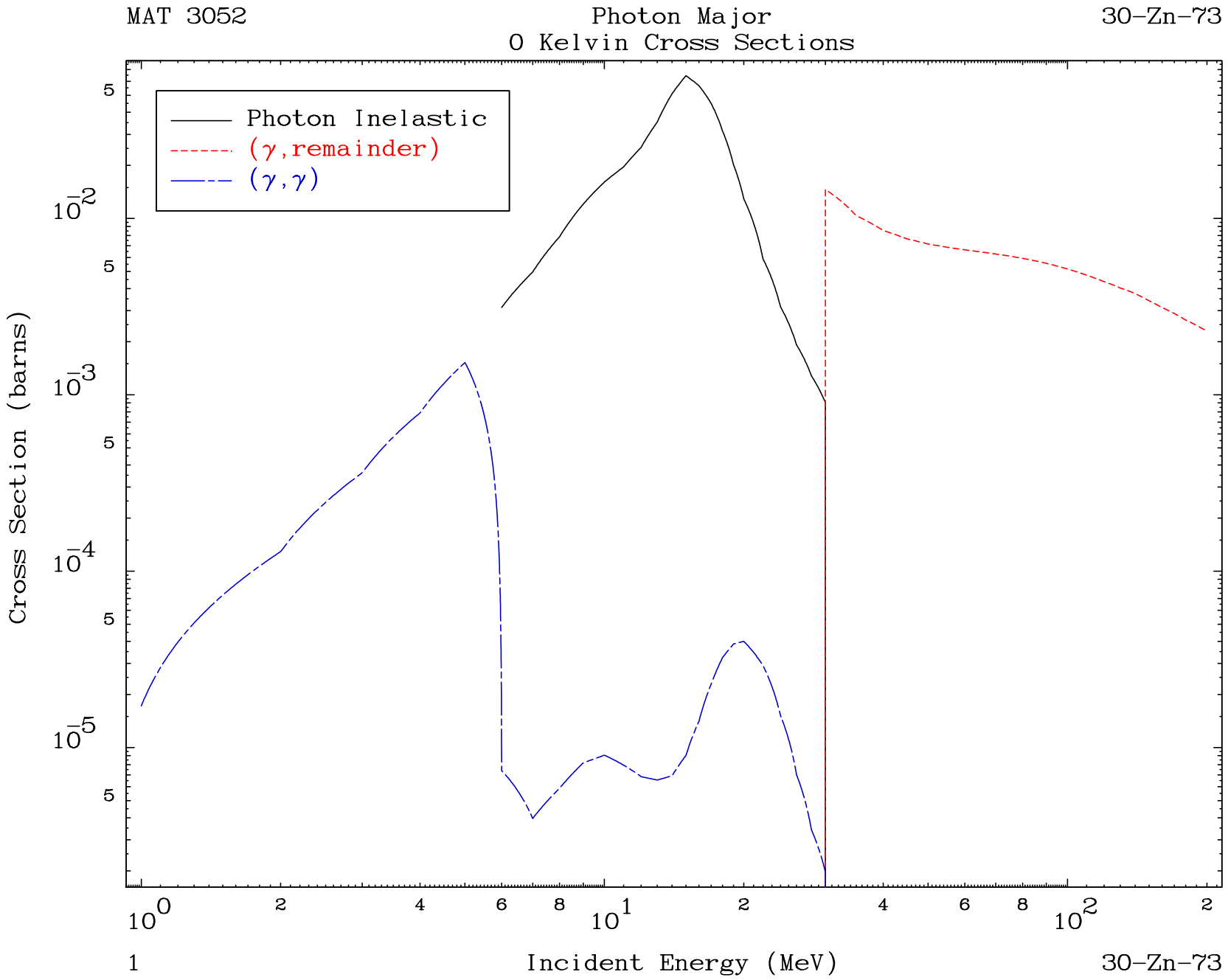
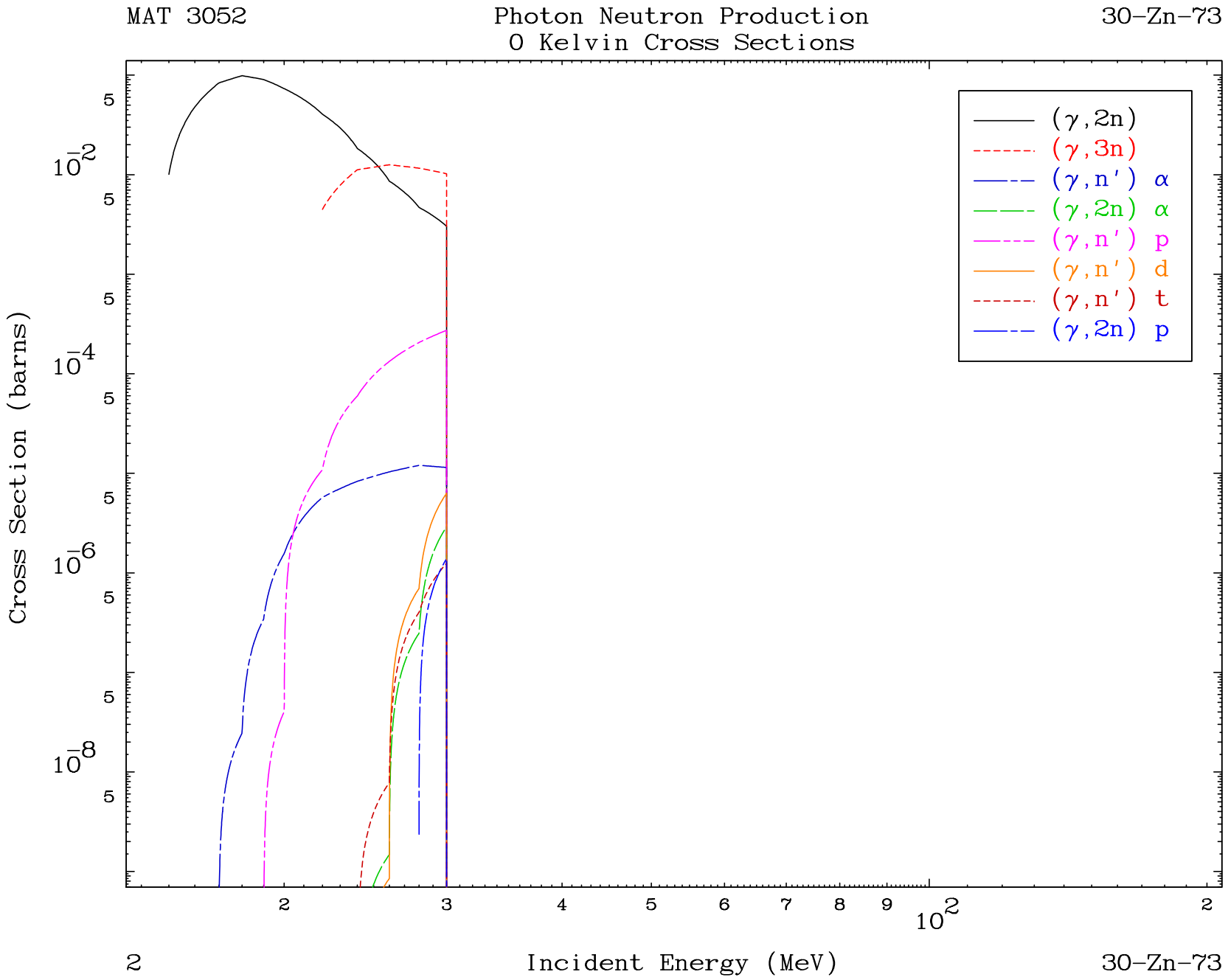
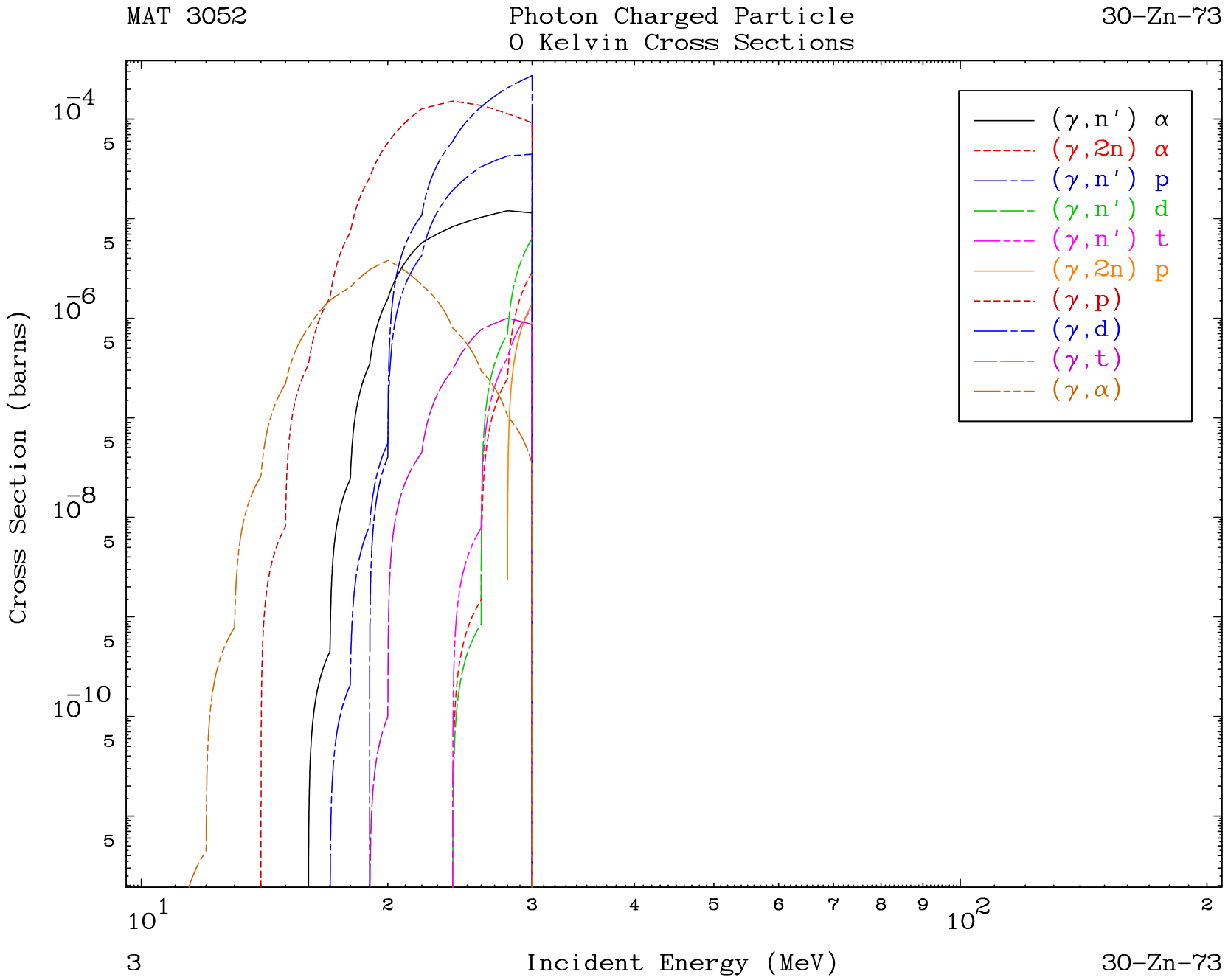
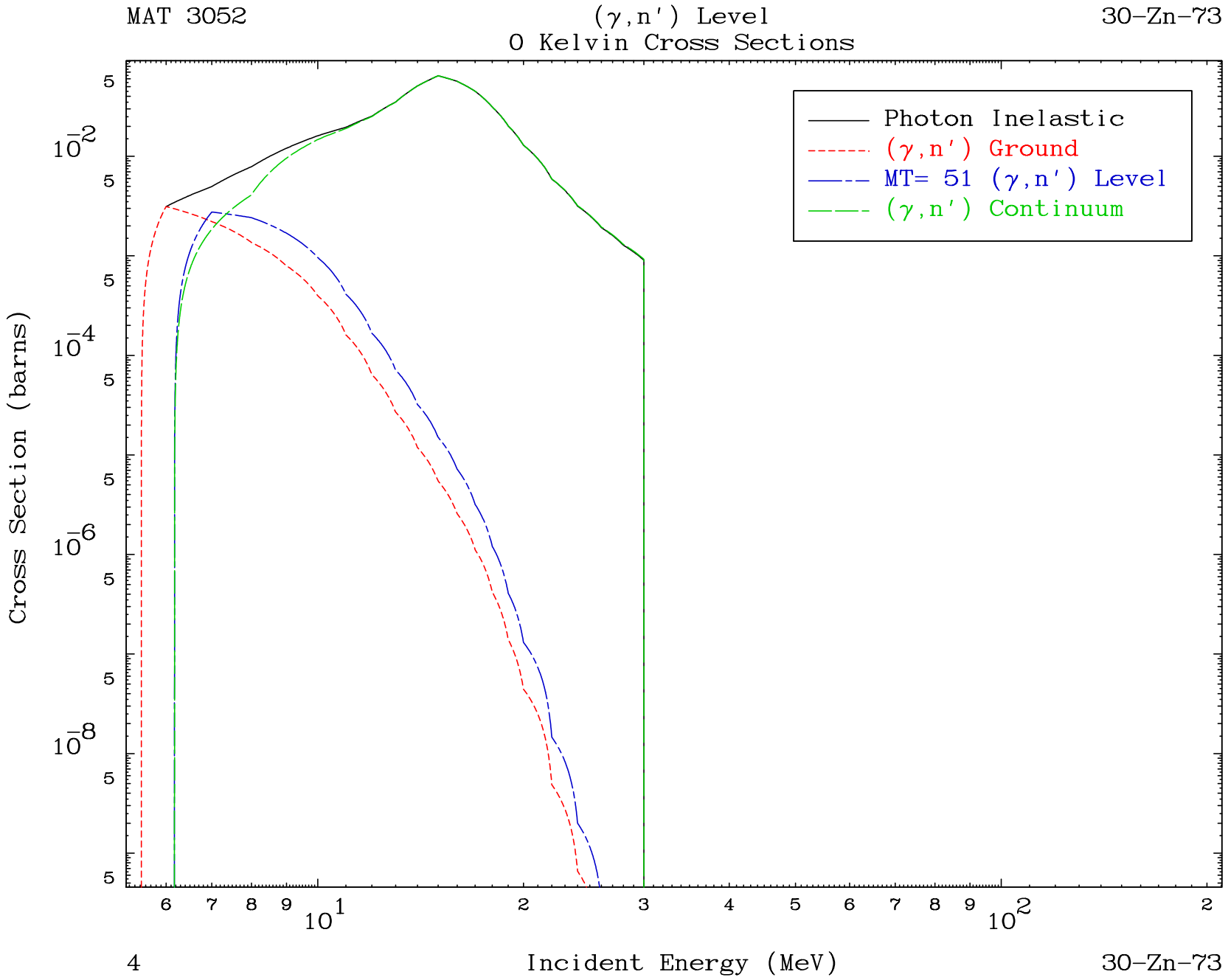
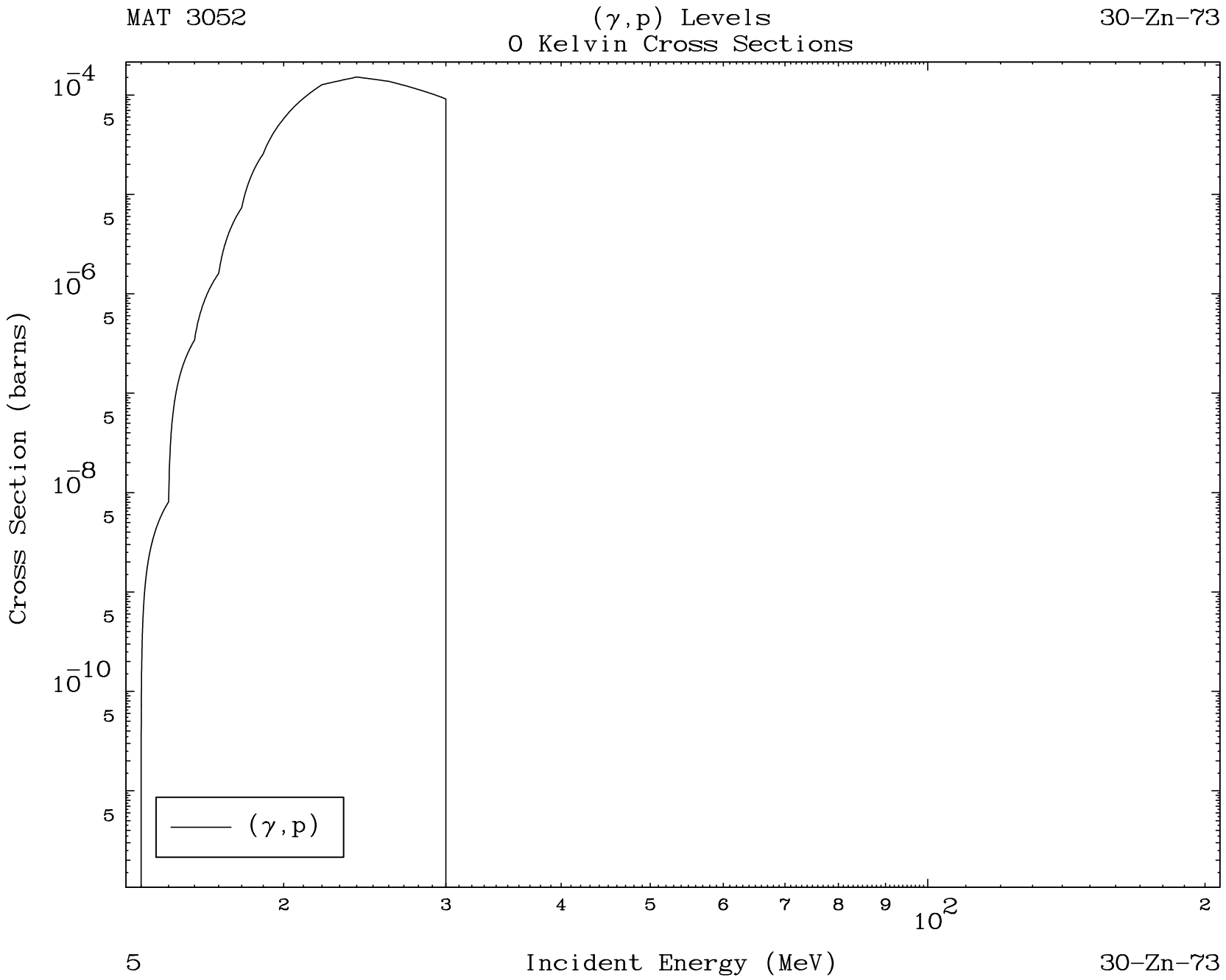
Press Mouse Button to Start

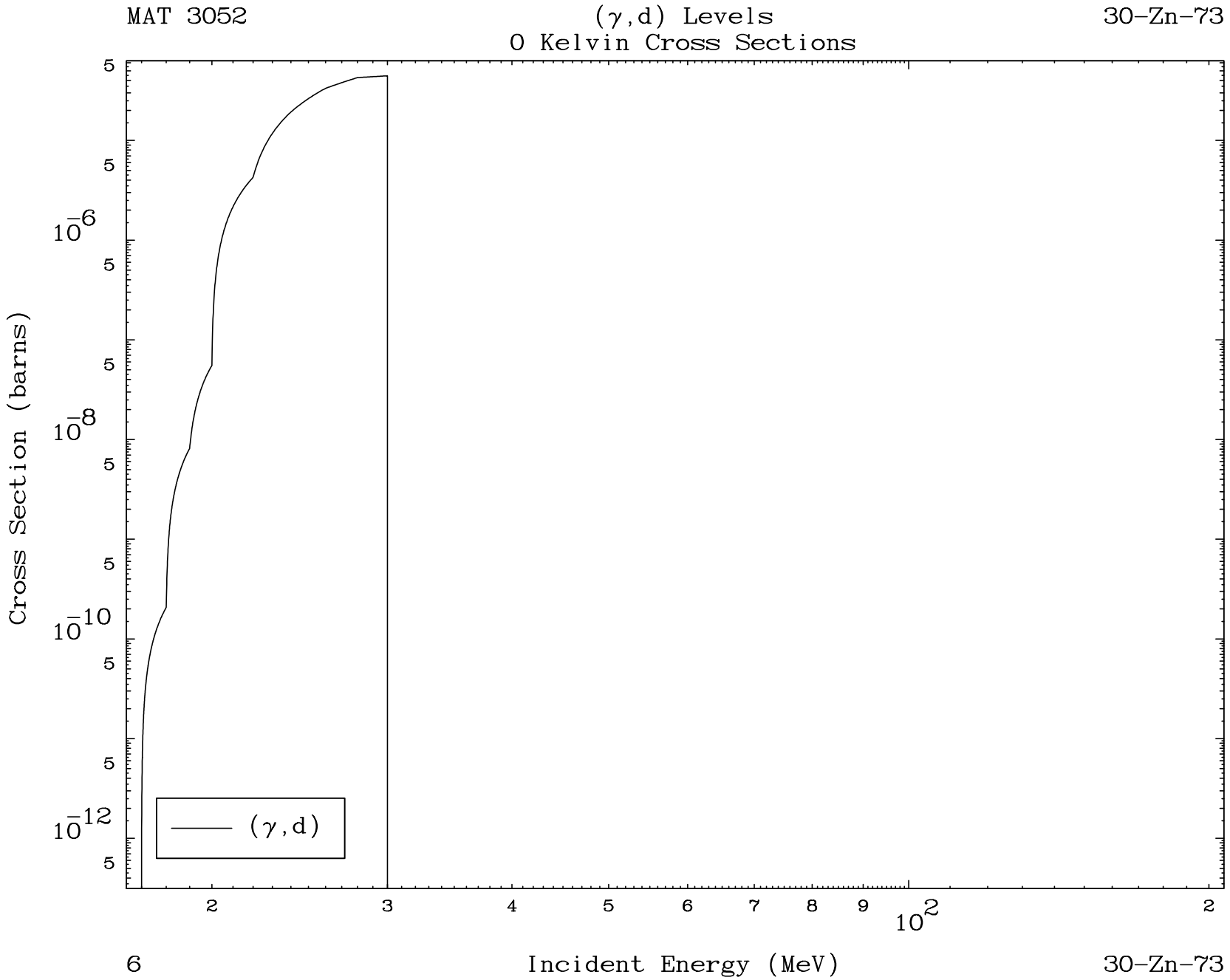

MAT 3052
Photon Major
30-Zn-73
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-73

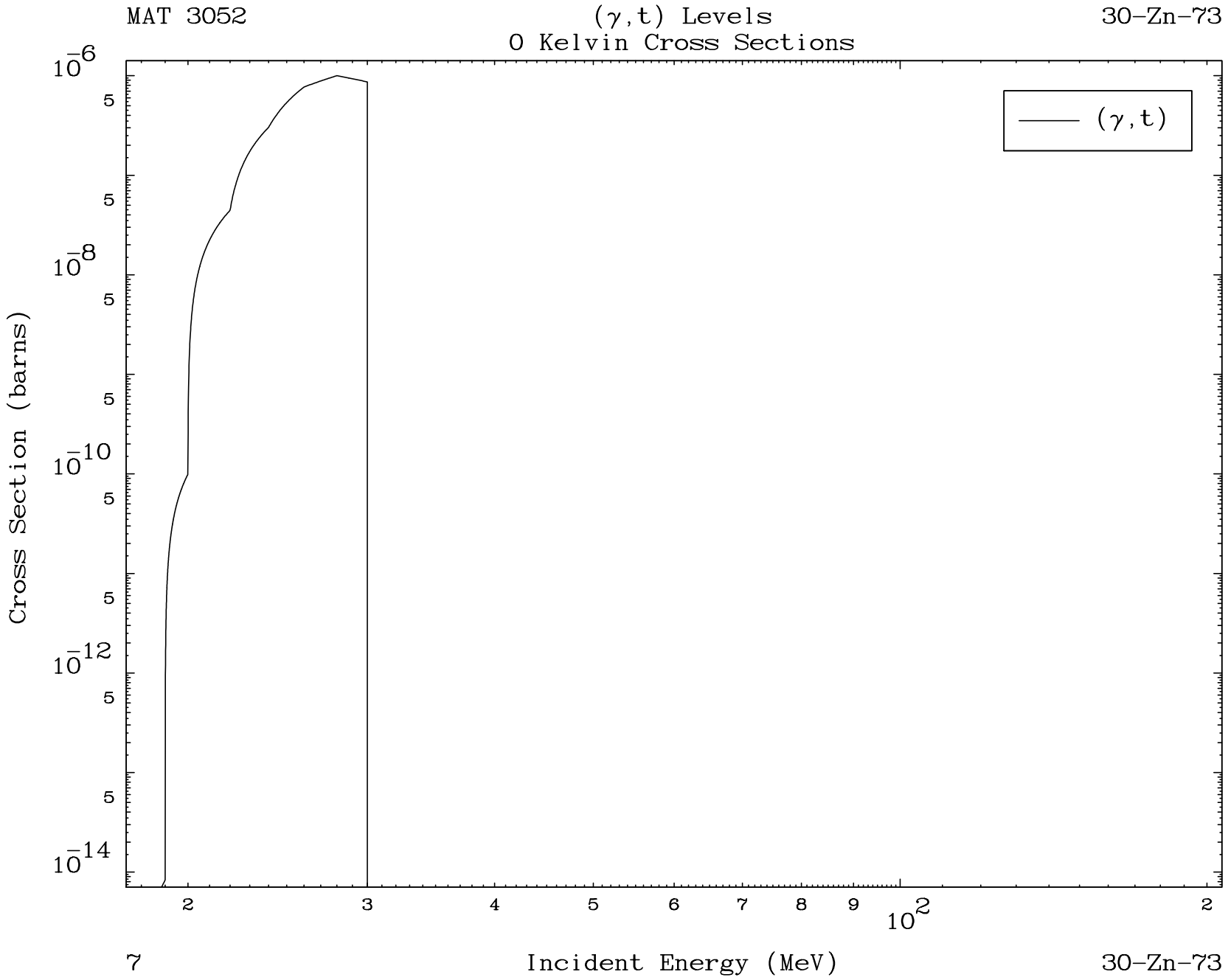

MAT 3052
Photon Neutron Production
0 Kelvin Cross Sections
30-Zn-73
Cross Section (barns)
Incident Energy (MeV)
30-Zn-73
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p

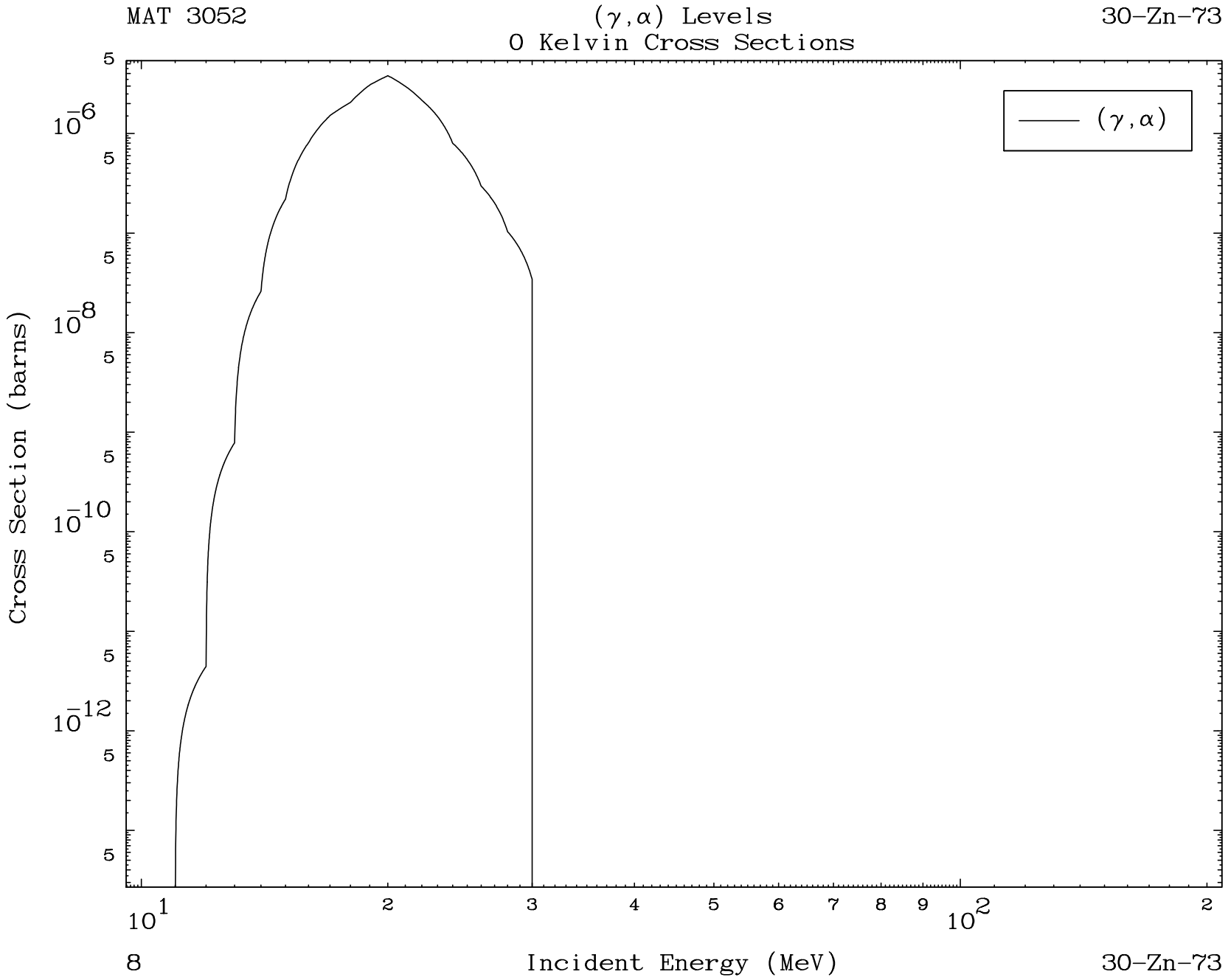

MAT 3052
Photon Charged Particle
0 Kelvin Cross Sections
30-Zn-73
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
10^1
2
3
4
5
6
7
8
9
10^2
2
3
Incident Energy (MeV)
30-Zn-73

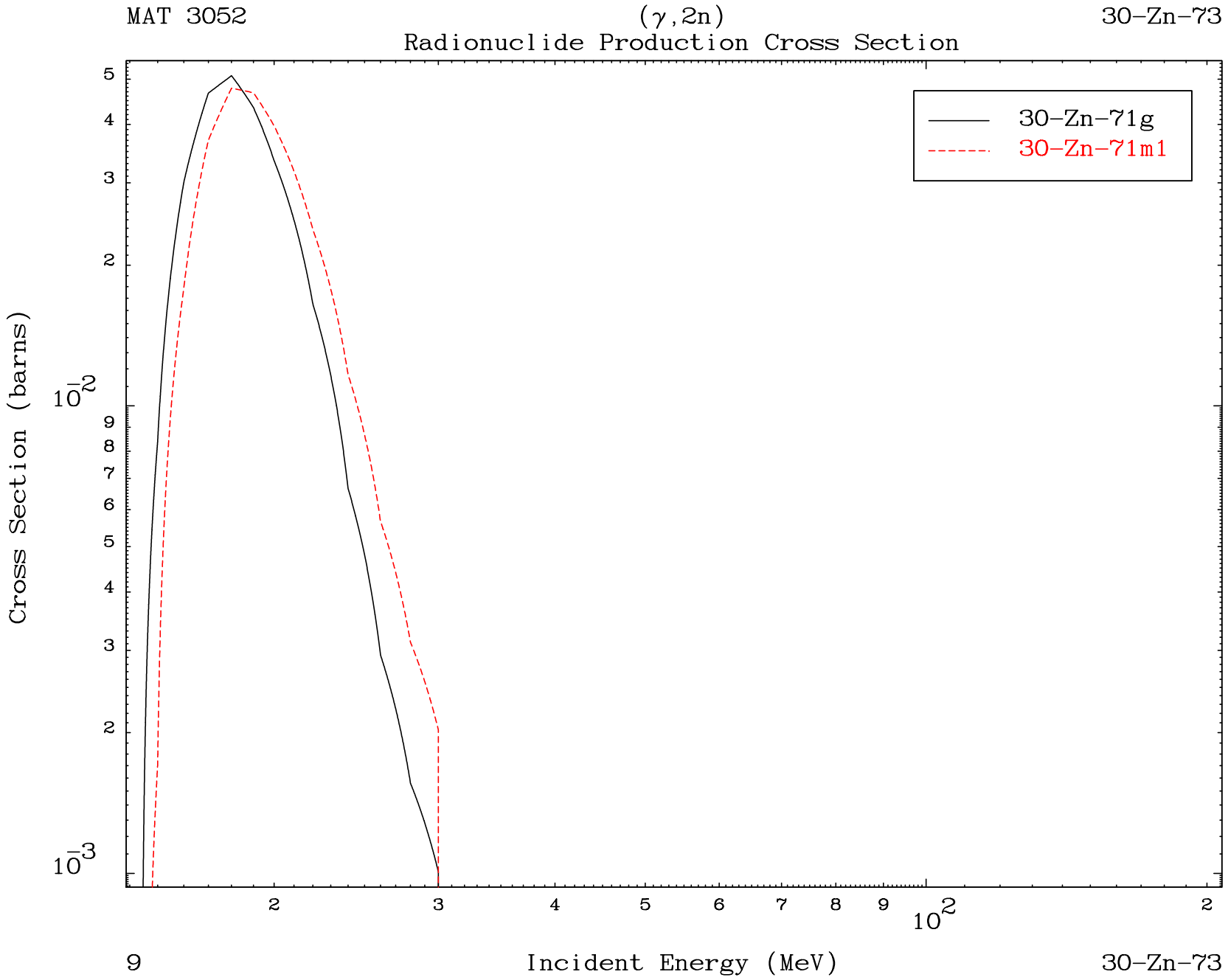

MAT 3052
(γ,n') Level
30-Zn-73
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
30-Zn-73

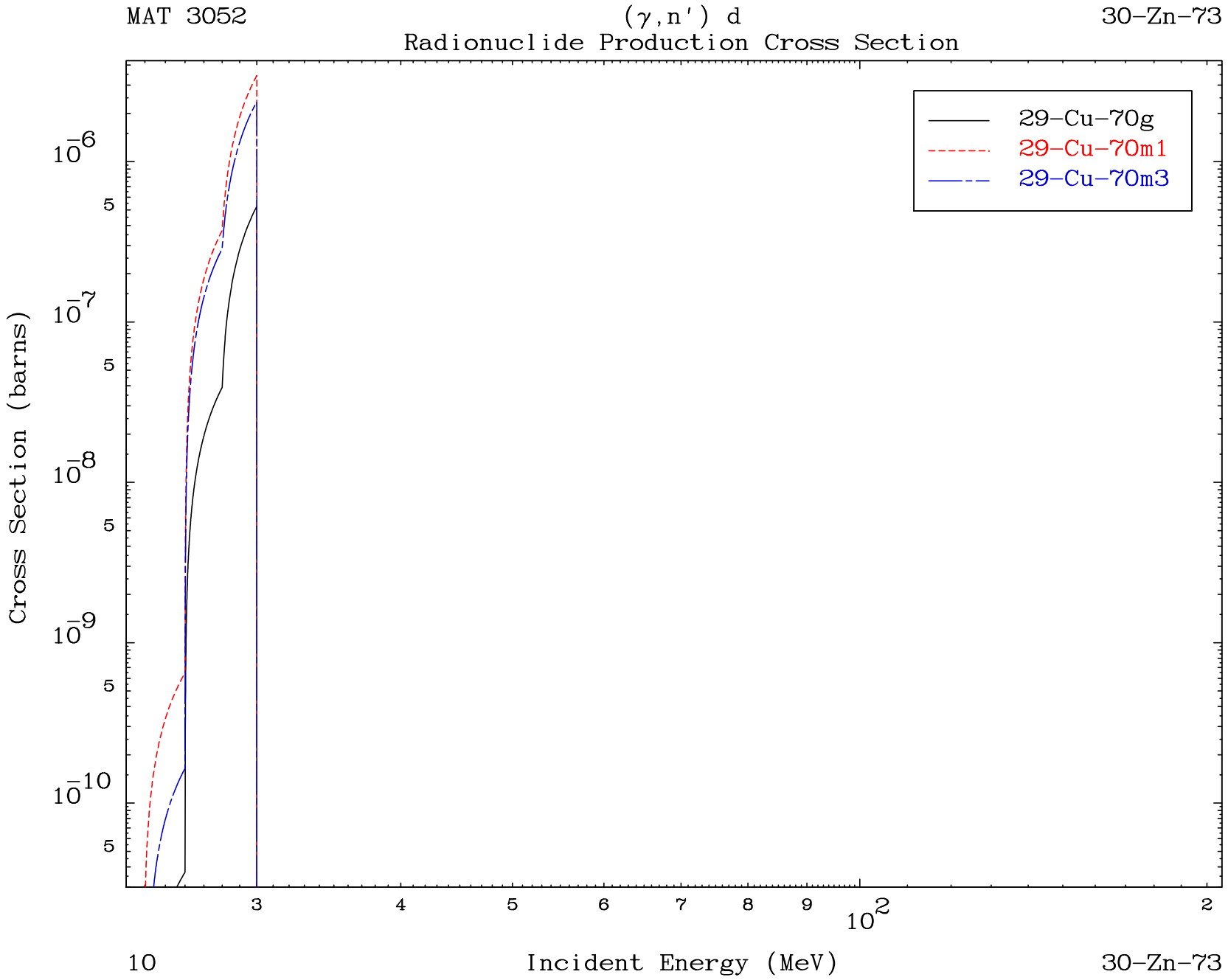

MAT 3052
(γ,p) Levels
30-Zn-73
0 Kelvin Cross Sections
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
(γ,p)
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
30-Zn-73

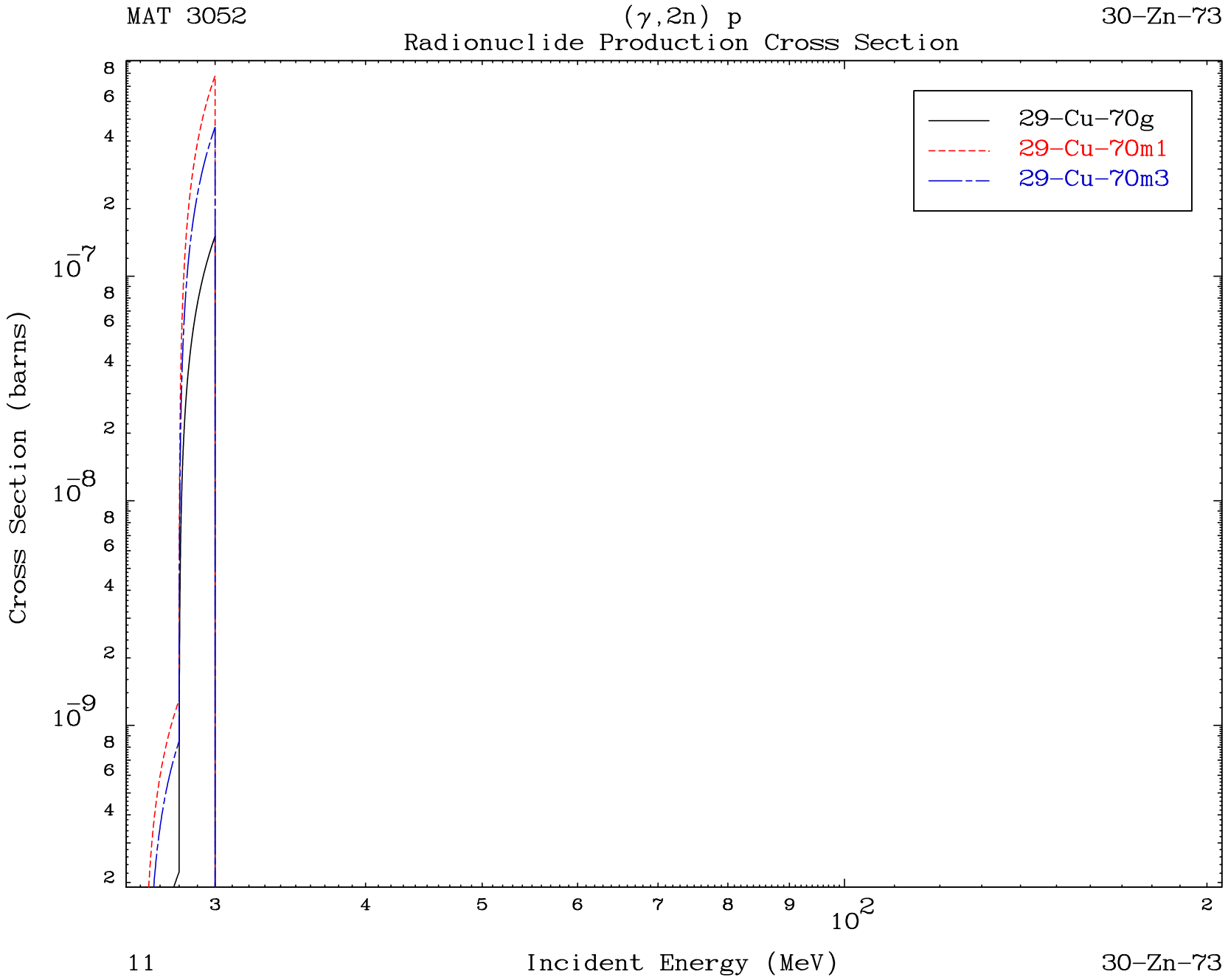

MAT 3052
(γ,d) Levels
30-Zn-73
0 Kelvin Cross Sections
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
(γ,d)
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
6
30-Zn-73

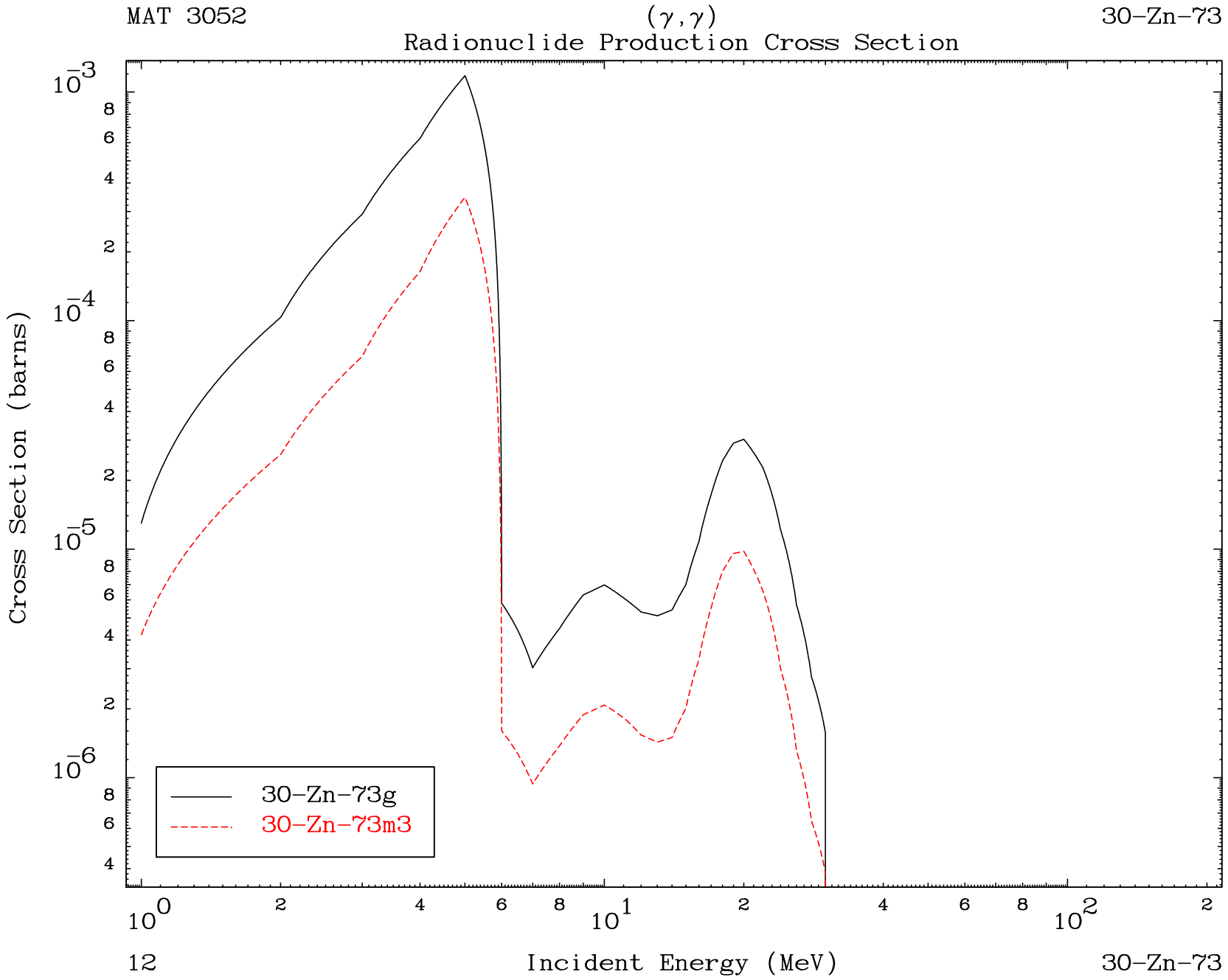

MAT 3052
(γ,t) Levels
30-Zn-73
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
30-Zn-73

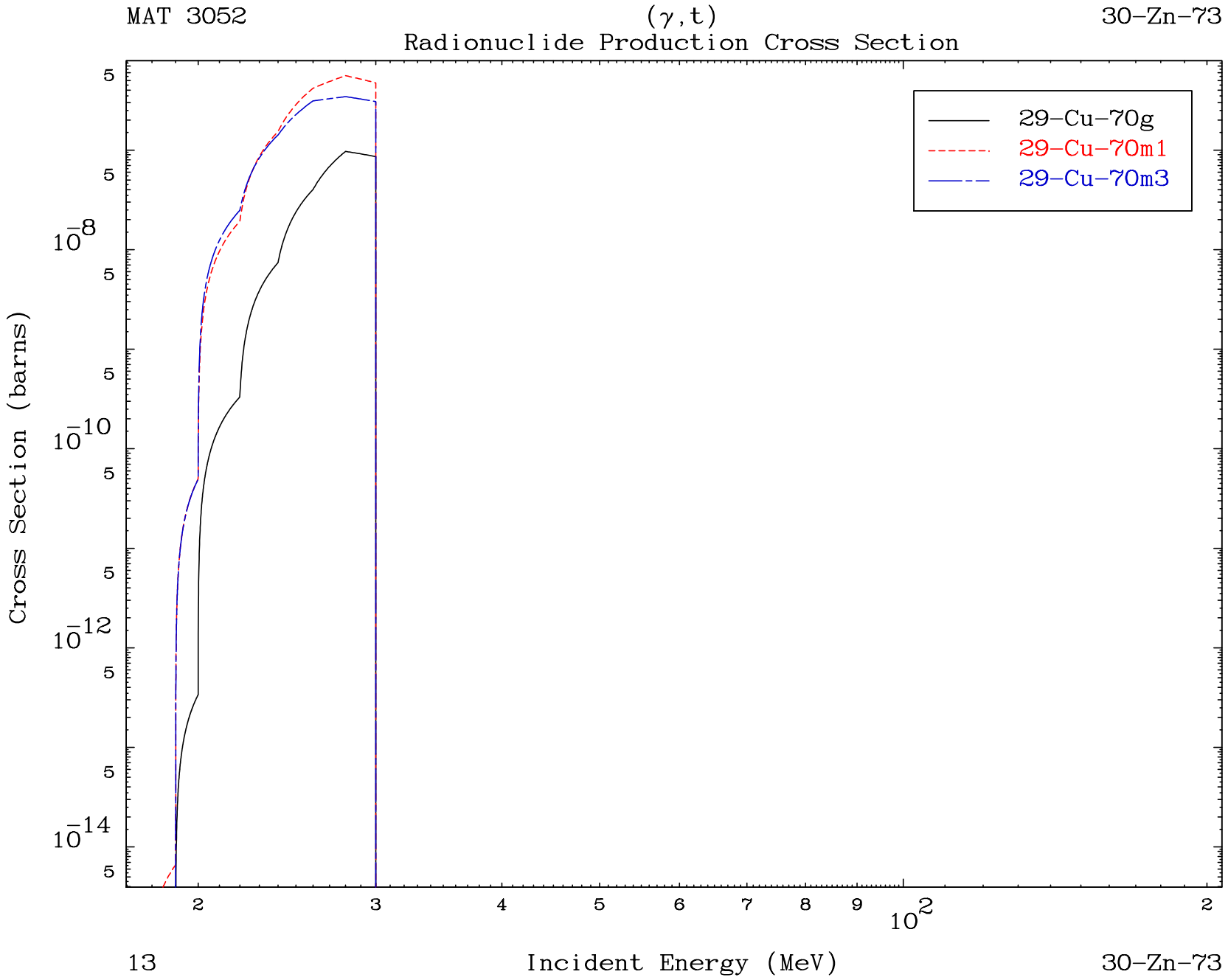

MAT 3052
(γ,α) Levels
30-Zn-73
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-73
8


MAT 3052
(γ,2n)
30-Zn-73
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
9
30-Zn-73


MAT 3052
(γ,n') d
30-Zn-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
10^-6
5
10^-7
5
10^-8
5
10^-9
5
10^-10
5
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
30-Zn-73


MAT 3052
(γ,2n) p
30-Zn-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-73


MAT 3052
(γ,γ)
30-Zn-73
Radionuclide Production Cross Section
Cross Section (barns)
10-3
10-4
10-5
10-6
100
101
102
Incident Energy (MeV)
30-Zn-73g
30-Zn-73m3
12
30-Zn-73


MAT 3052
(γ,t)
30-Zn-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
Incident Energy (MeV)
13
30-Zn-73