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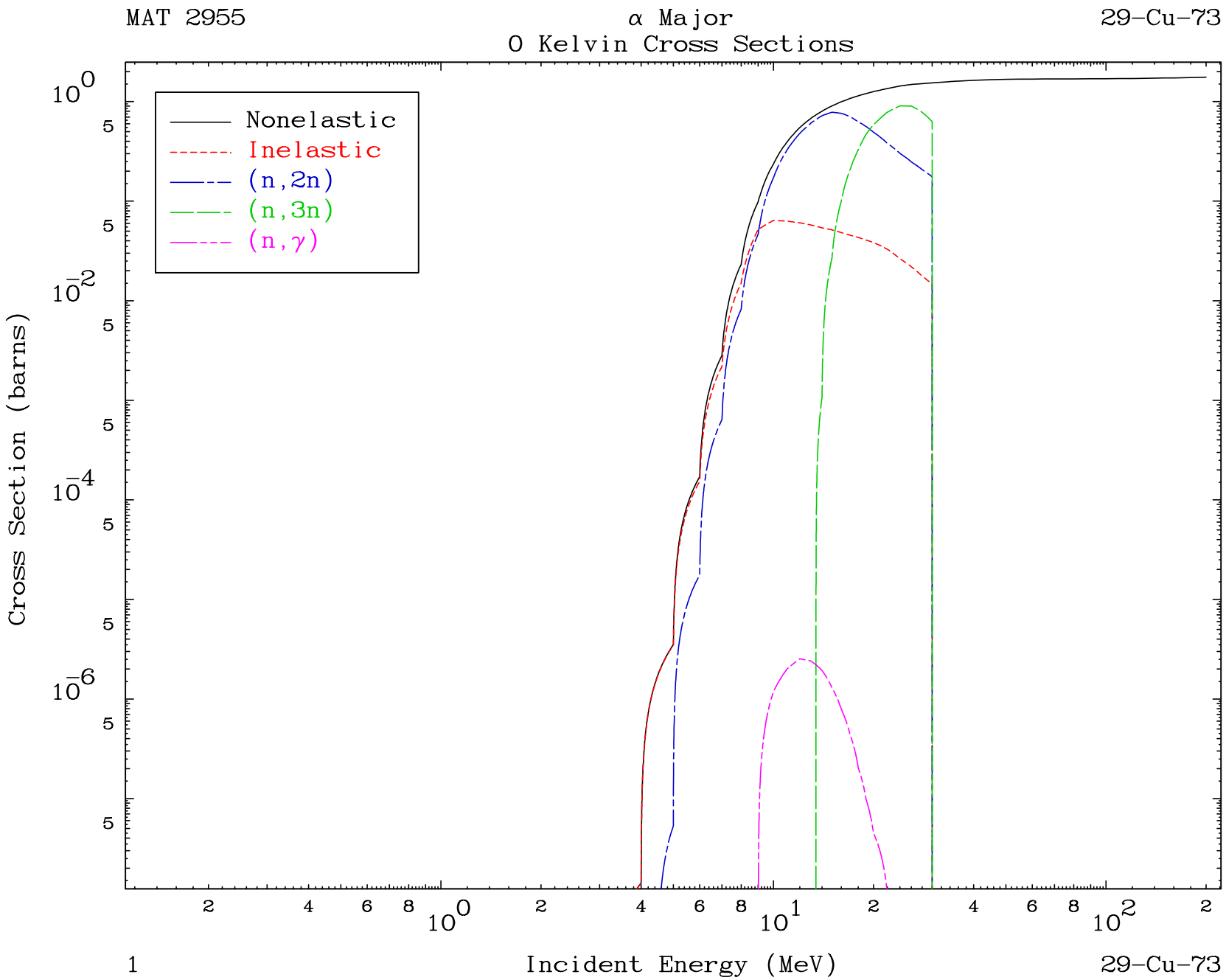
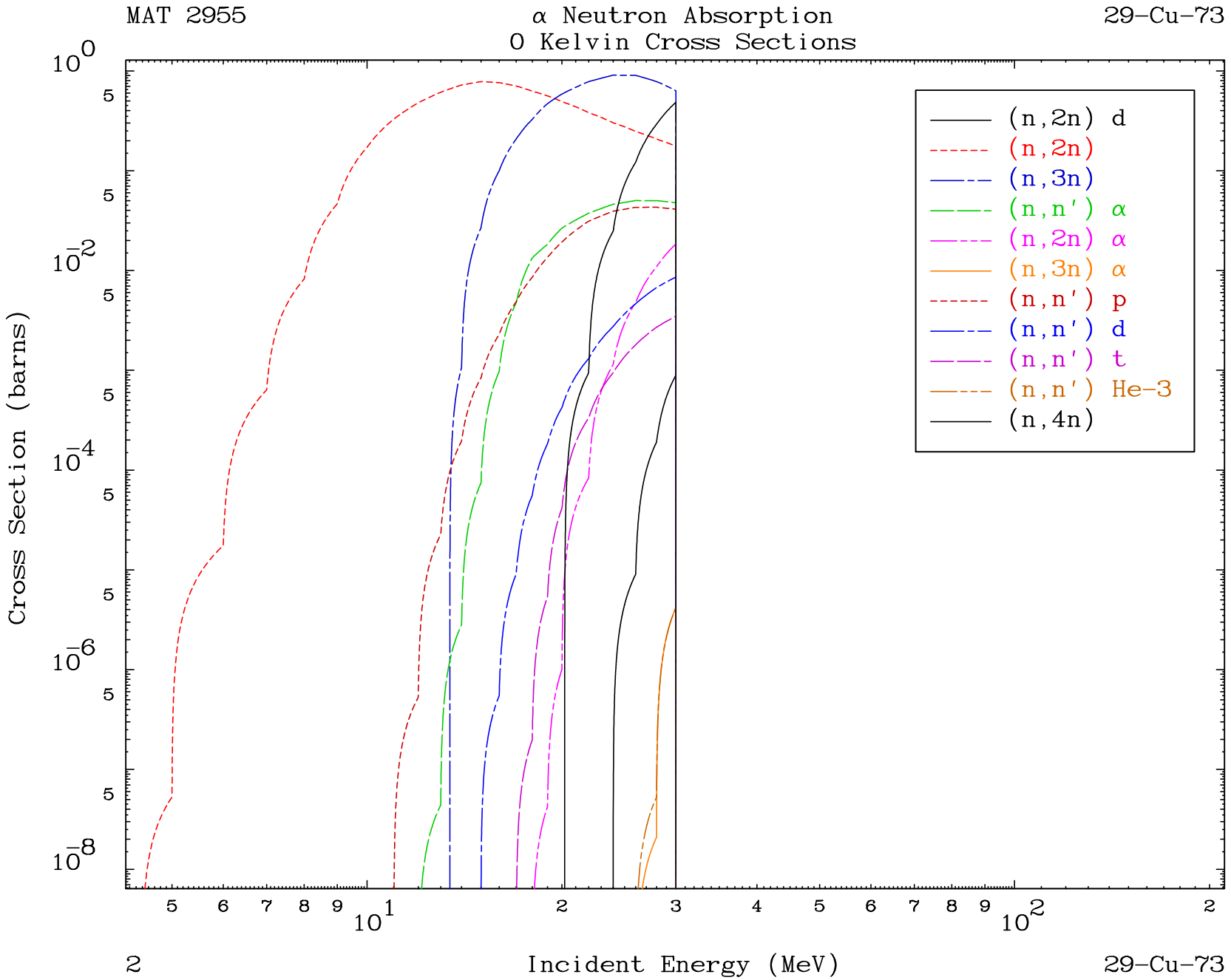
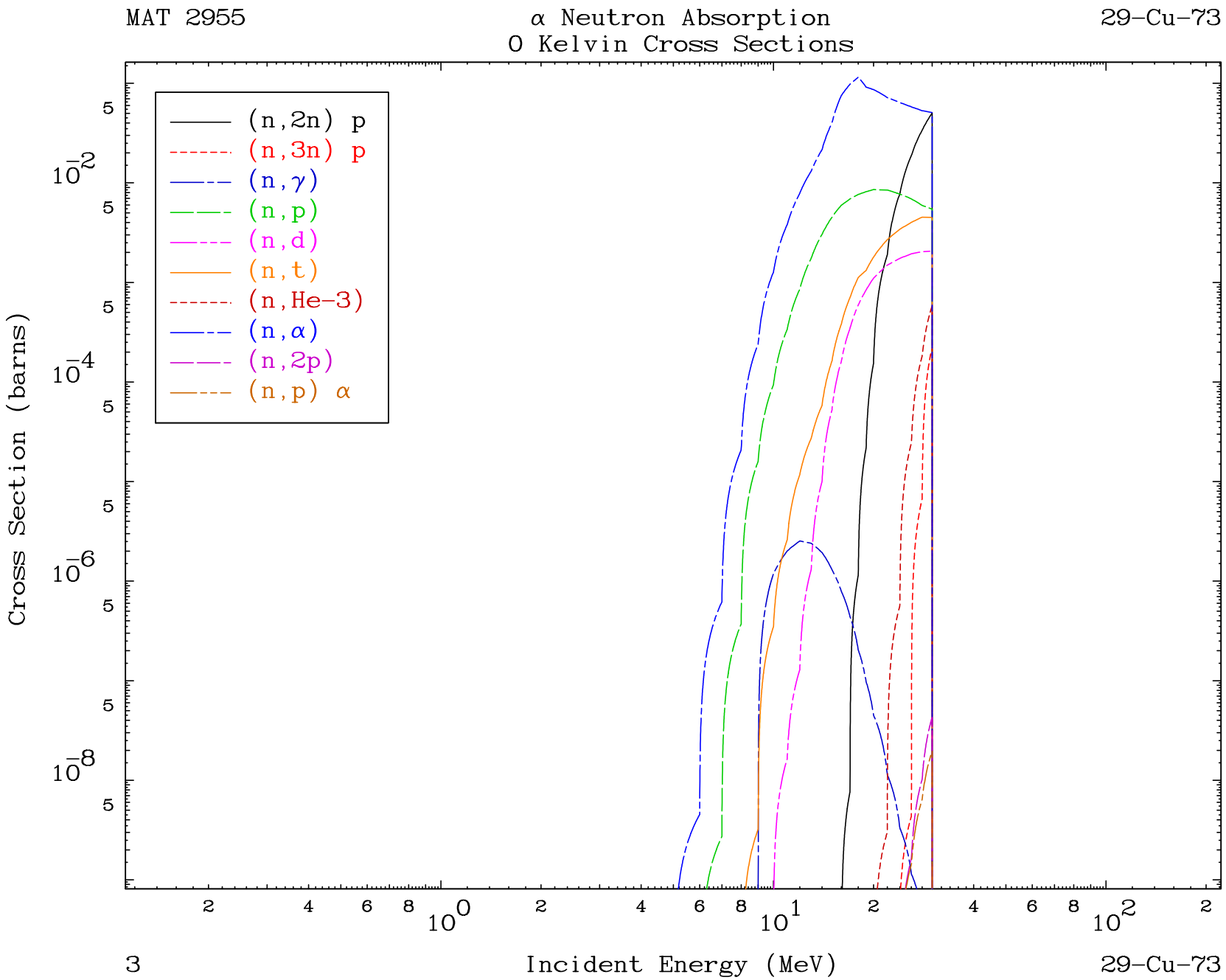
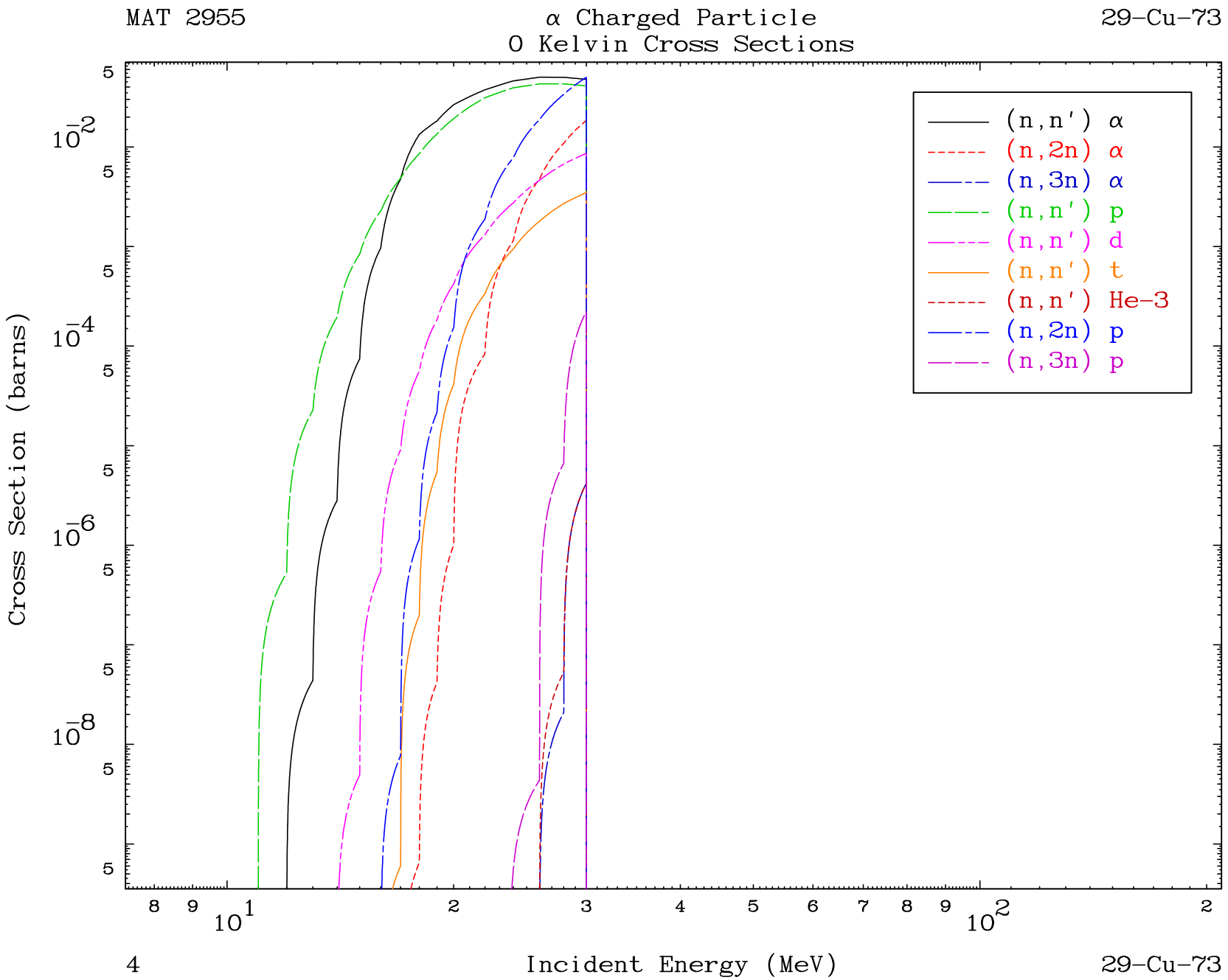
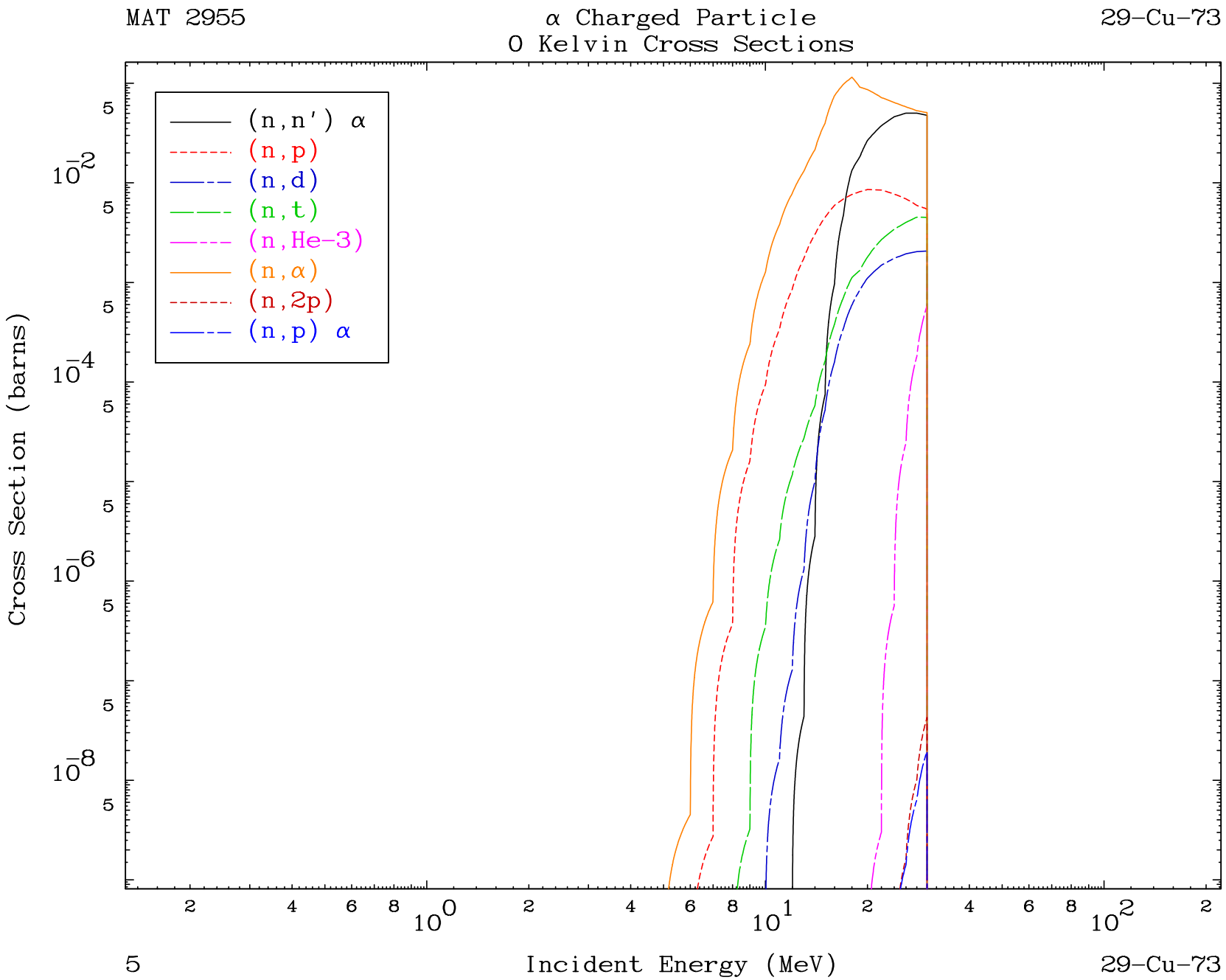
Press Mouse Button to Start

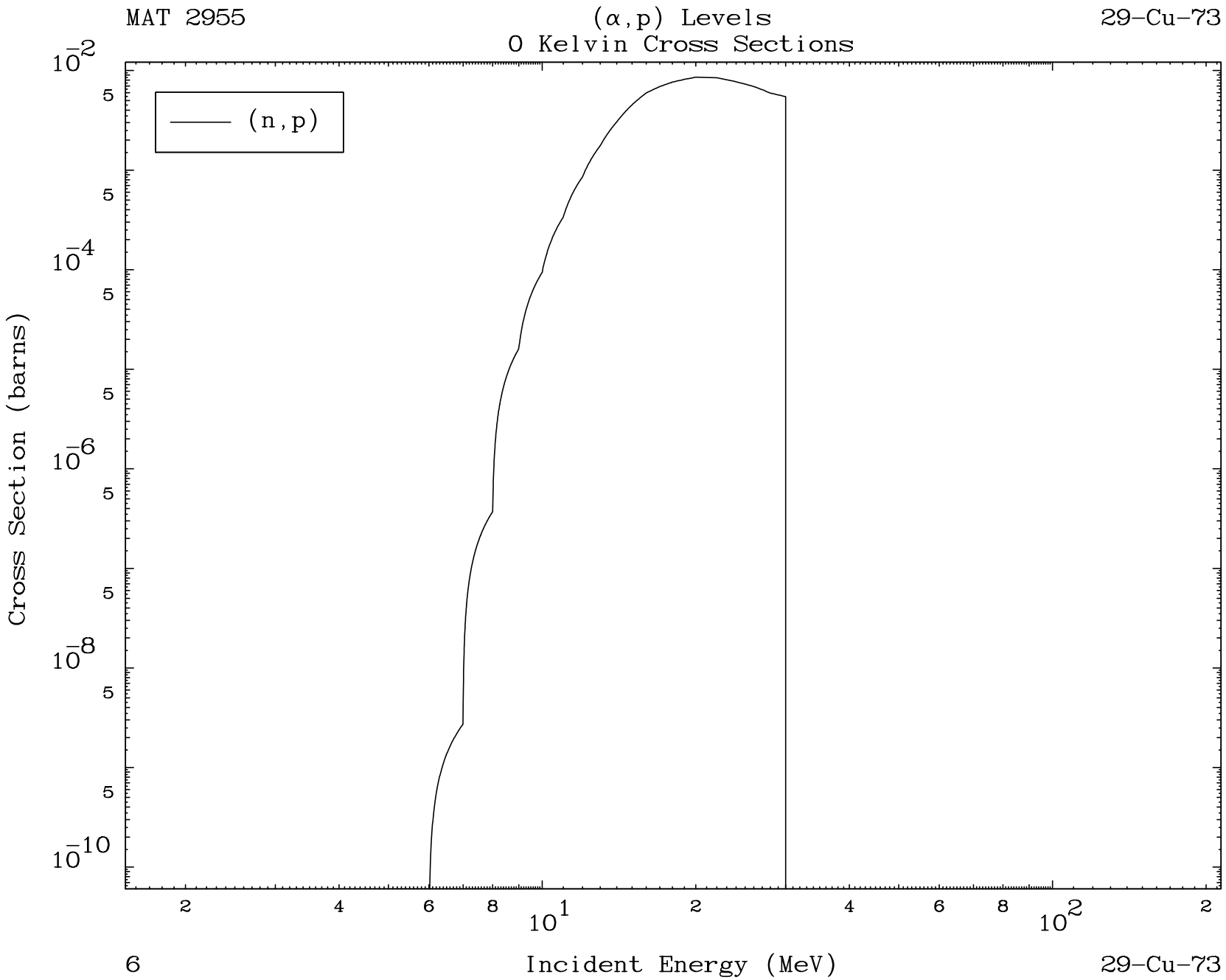

MAT 2955
α Major
29-Cu-73
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
29-Cu-73
1

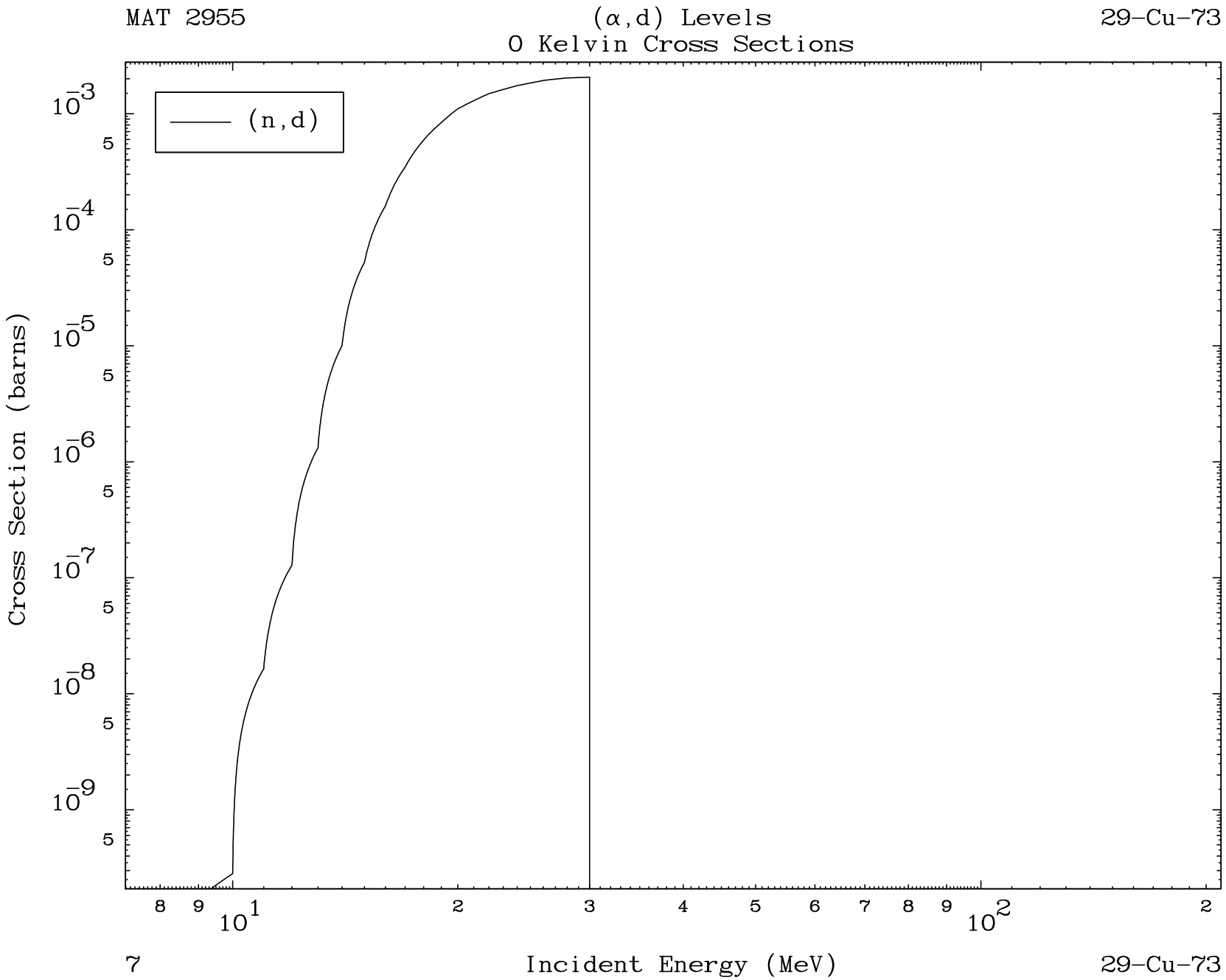

MAT 2955
α Neutron Absorption
0 Kelvin Cross Sections
29-Cu-73
Cross Section (barns)
Incident Energy (MeV)
29-Cu-73
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)

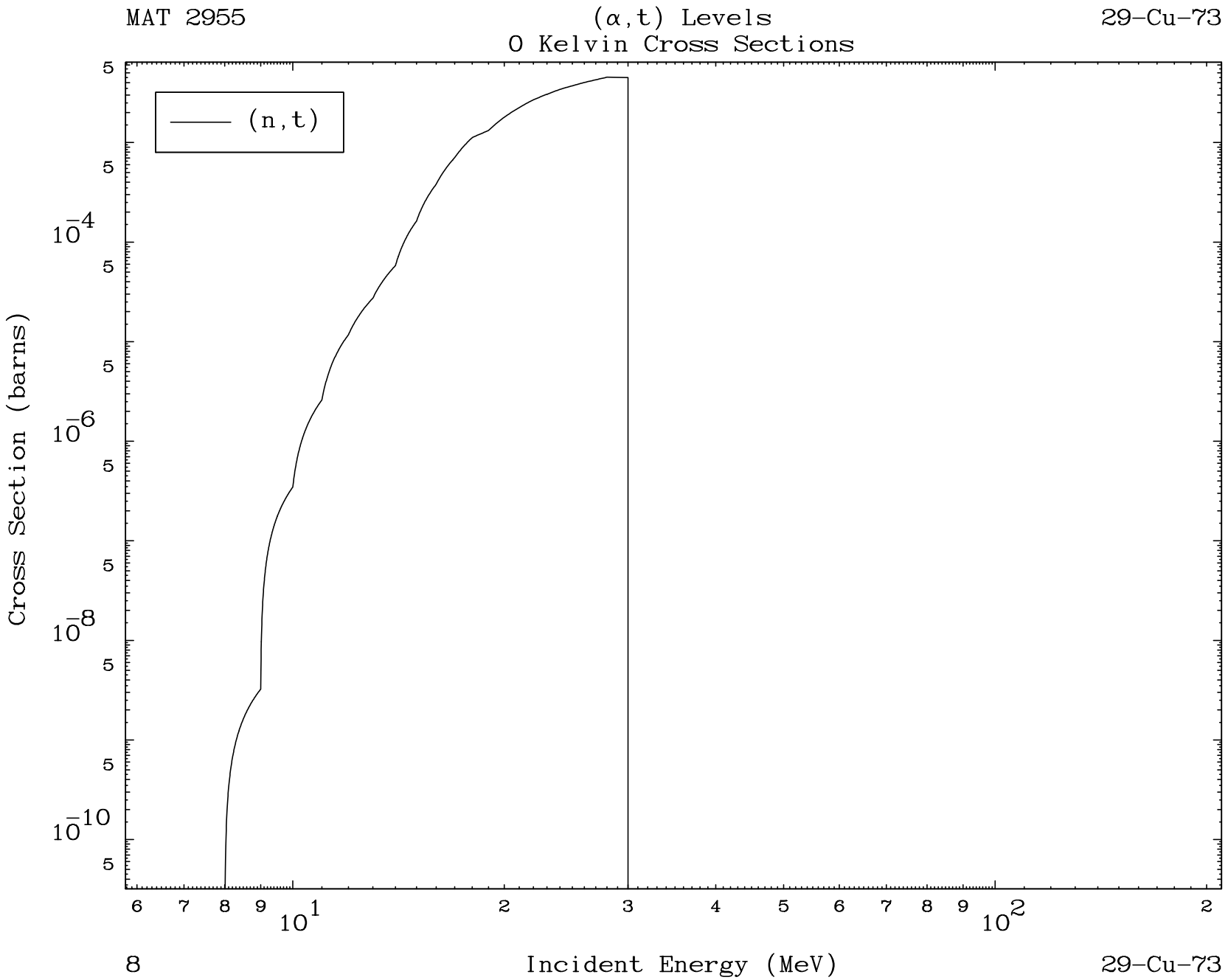

MAT 2955
α Neutron Absorption
0 Kelvin Cross Sections
29-Cu-73
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
10-2
10-4
10-6
10-8
10^0
10^1
10^2
Incident Energy (MeV)
3
29-Cu-73

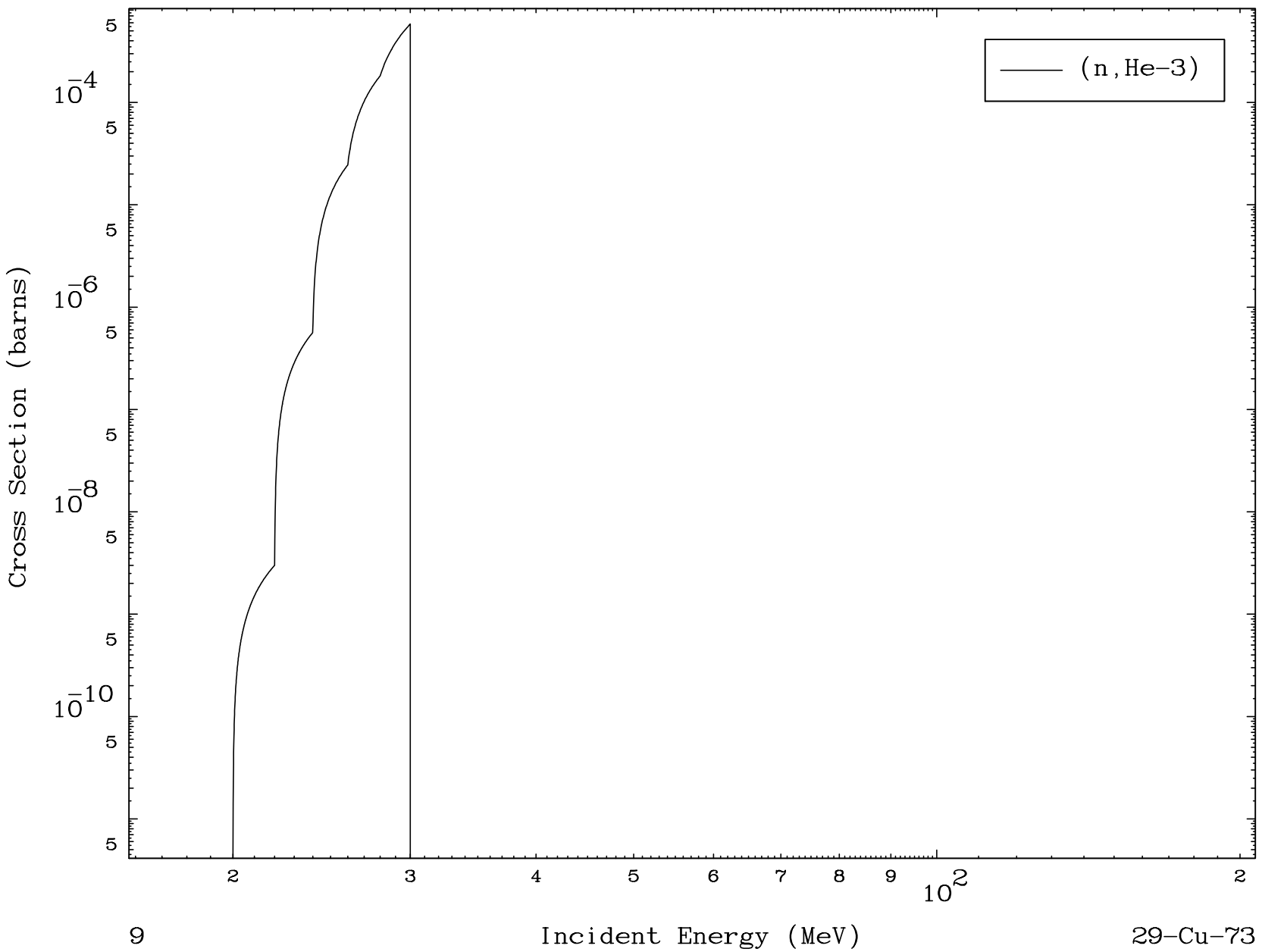

MAT 2955
α Charged Particle
0 Kelvin Cross Sections
29-Cu-73
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
4
29-Cu-73

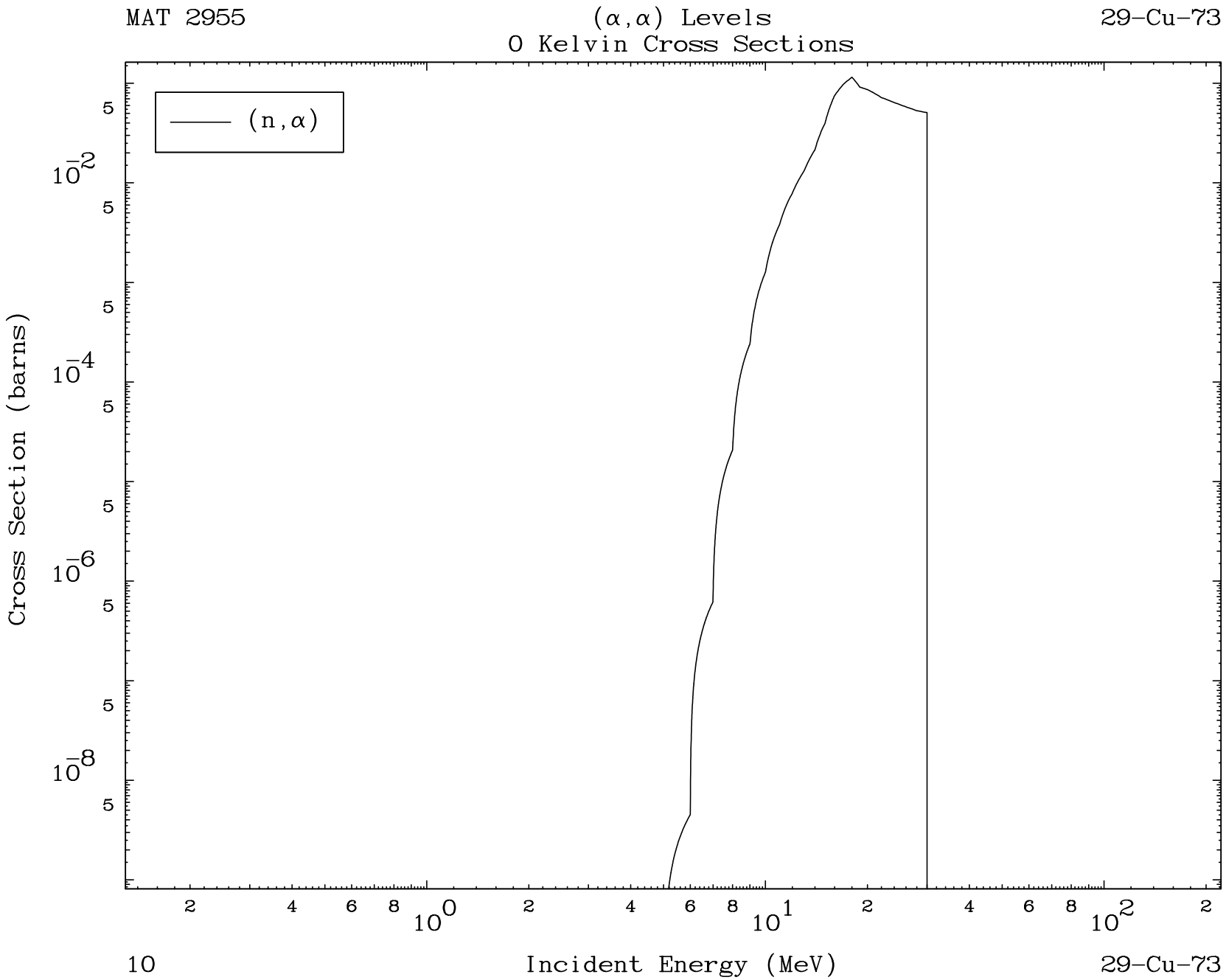

MAT 2955
α Charged Particle
0 Kelvin Cross Sections
29-Cu-73
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
5
29-Cu-73

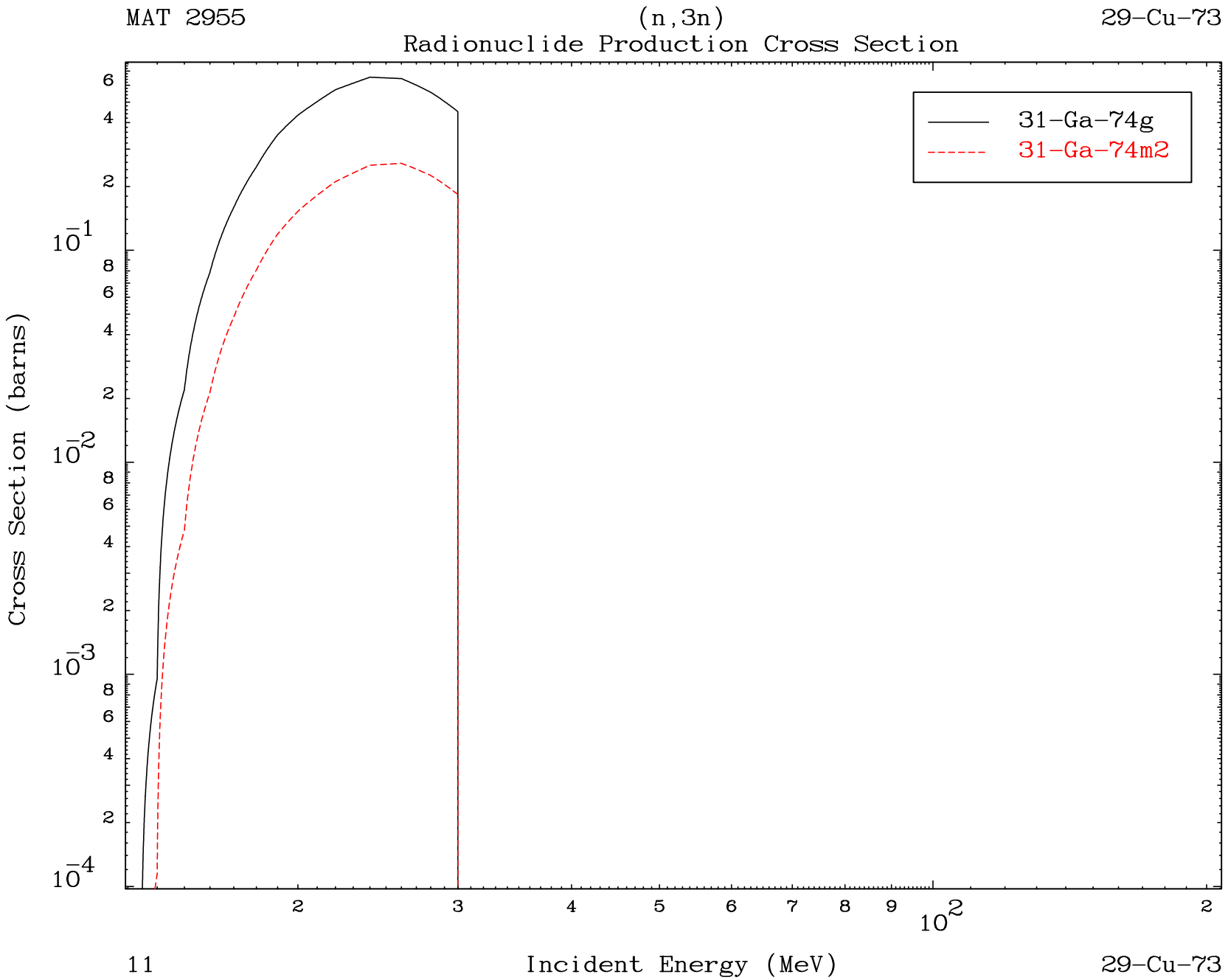

MAT 2955
(α,p) Levels
29-Cu-73
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
29-Cu-73

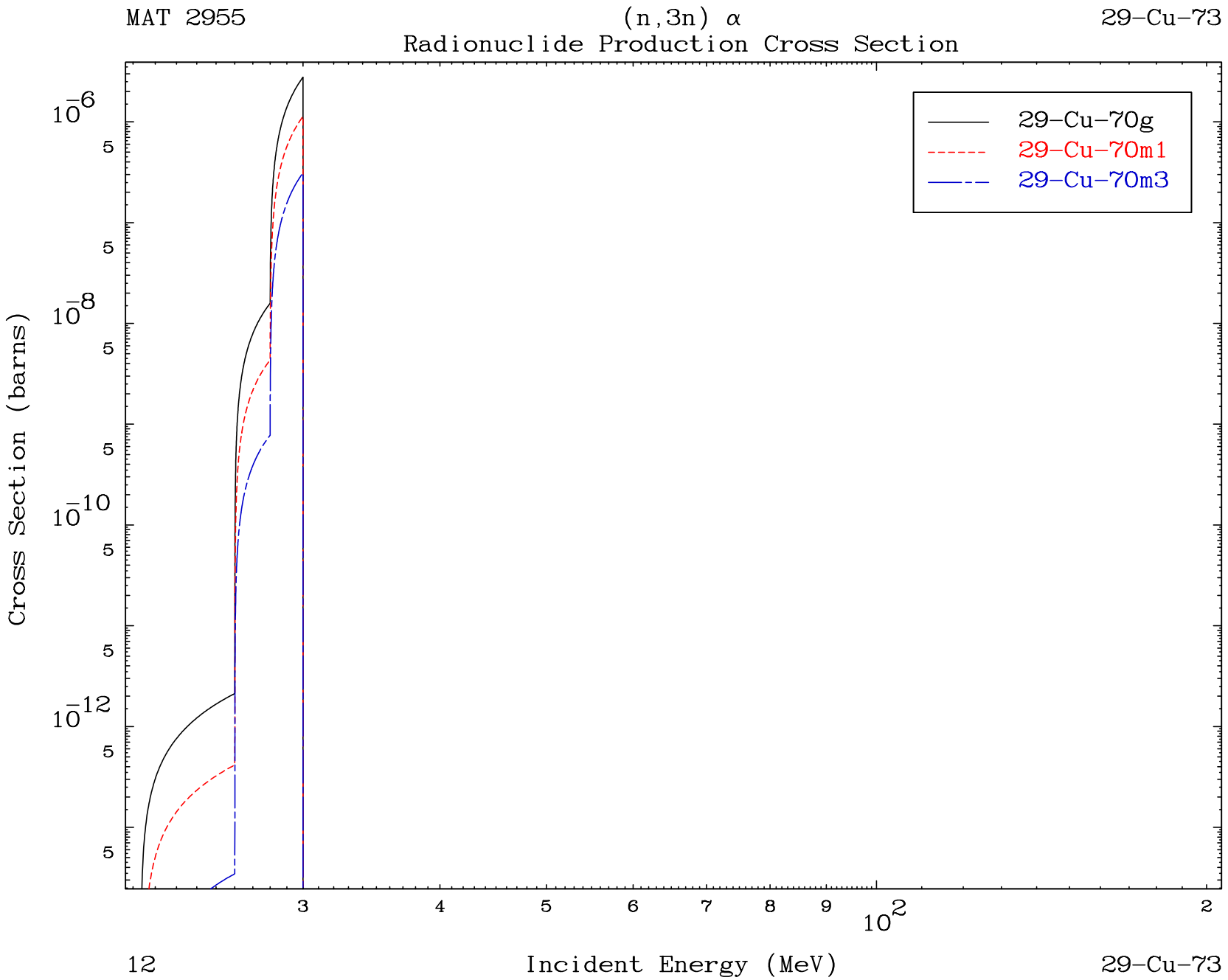

MAT 2955
(α,d) Levels
29-Cu-73
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
10-9
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
7
29-Cu-73

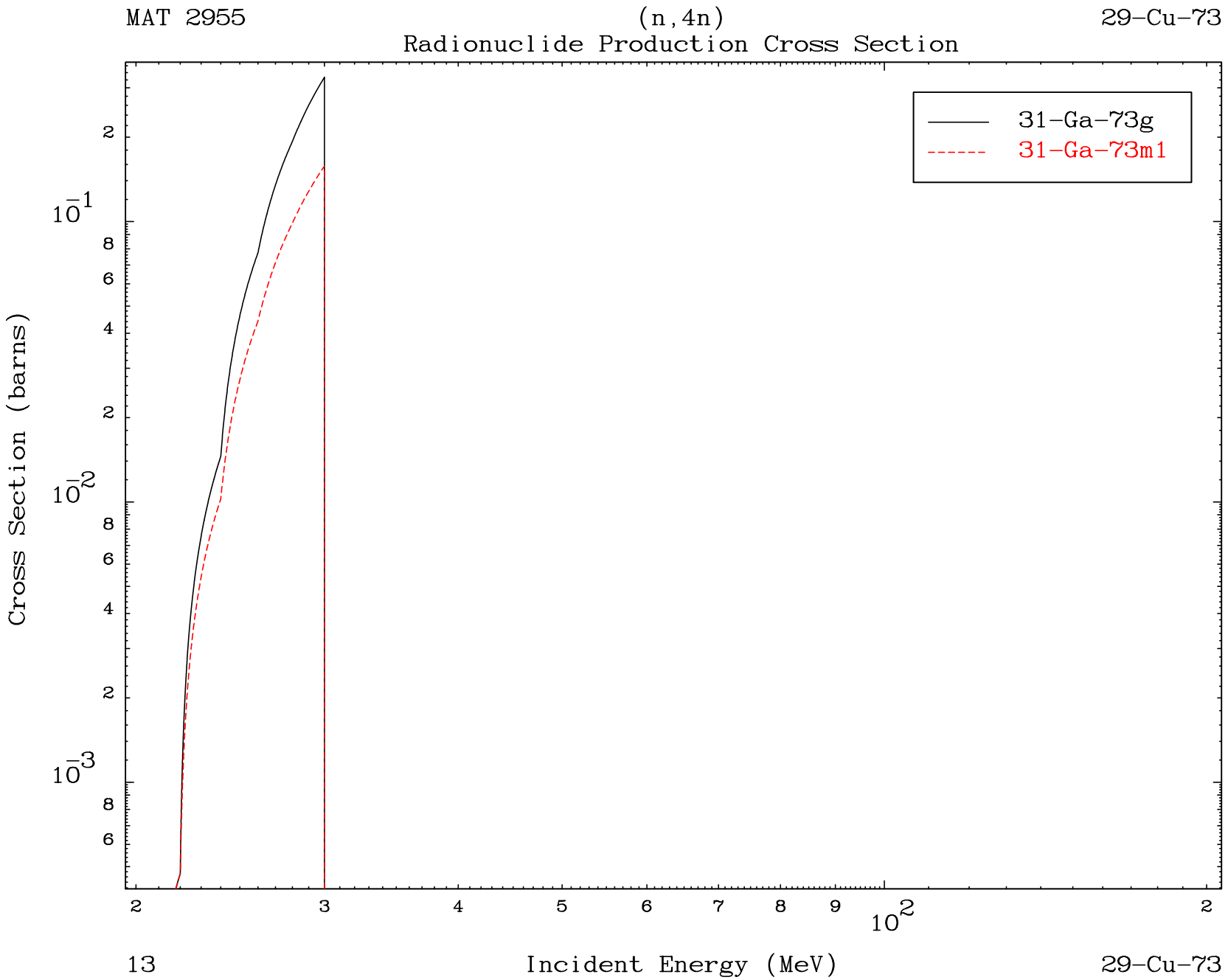

MAT 2955
(α,t) Levels
29-Cu-73
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
8
29-Cu-73


0 Kelvin Cross Sections
(n,He-3)
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)


MAT 2955
(α,α) Levels
29-Cu-73
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^0
10^1
10^2
2
4
6
8
10
Incident Energy (MeV)
29-Cu-73


MAT 2955
(n,3n)
29-Cu-73
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
Incident Energy (MeV)
11
29-Cu-73


MAT 2955
(n,3n) α
29-Cu-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
29-Cu-73


MAT 2955
(n,4n)
29-Cu-73
Radionuclide Production Cross Section
31-Ga-73g
31-Ga-73m1
Cross Section (barns)
Incident Energy (MeV)
13
29-Cu-73