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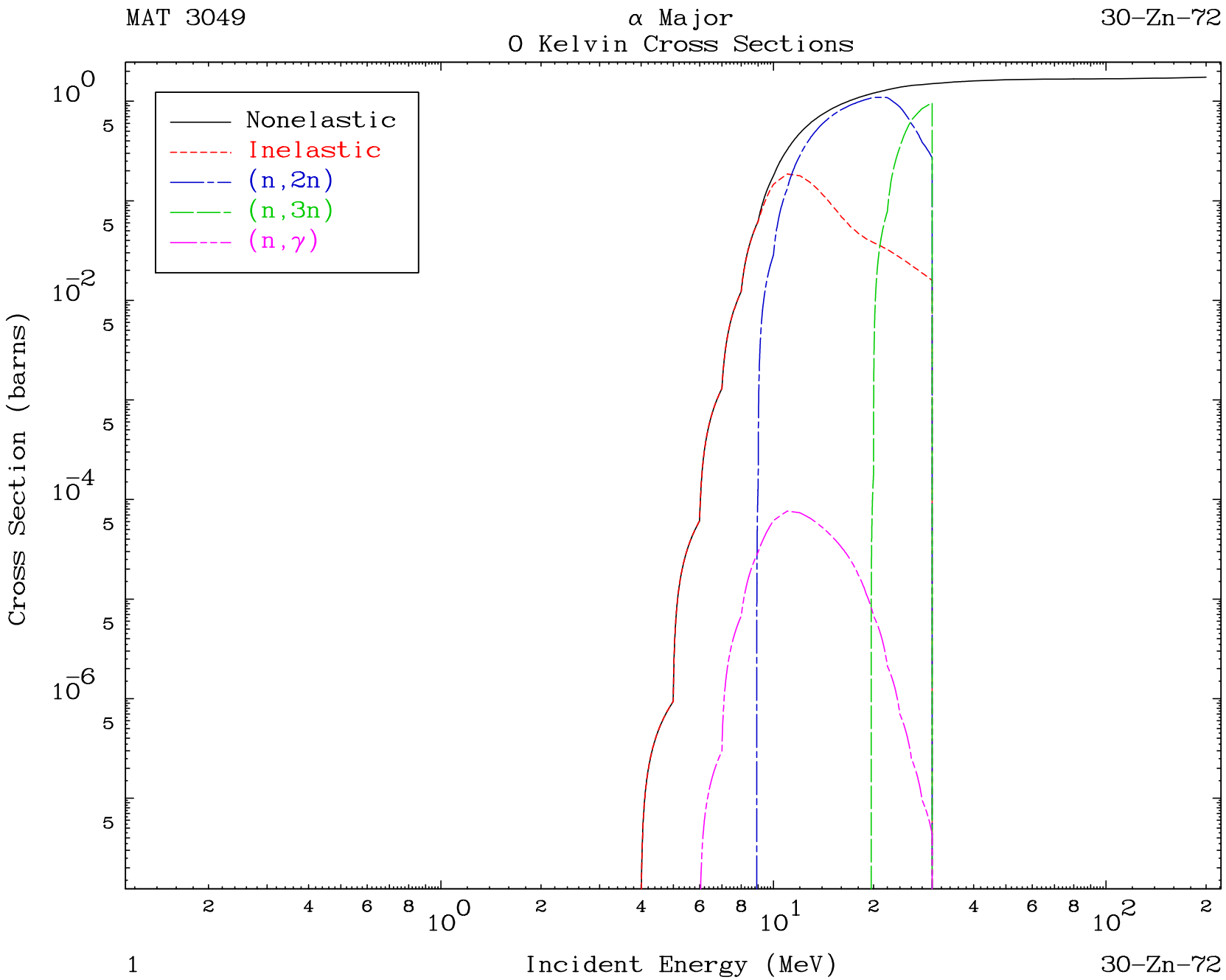
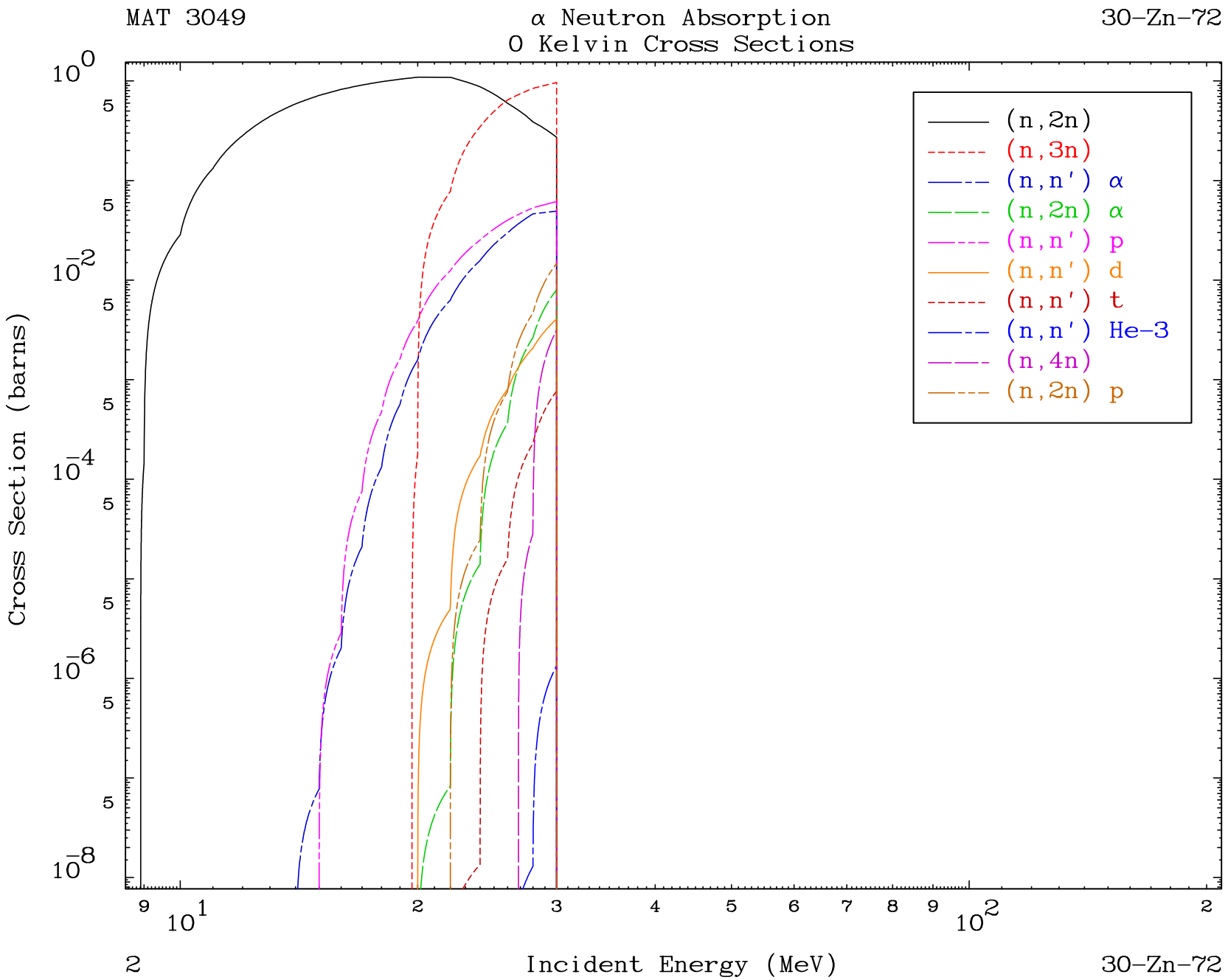
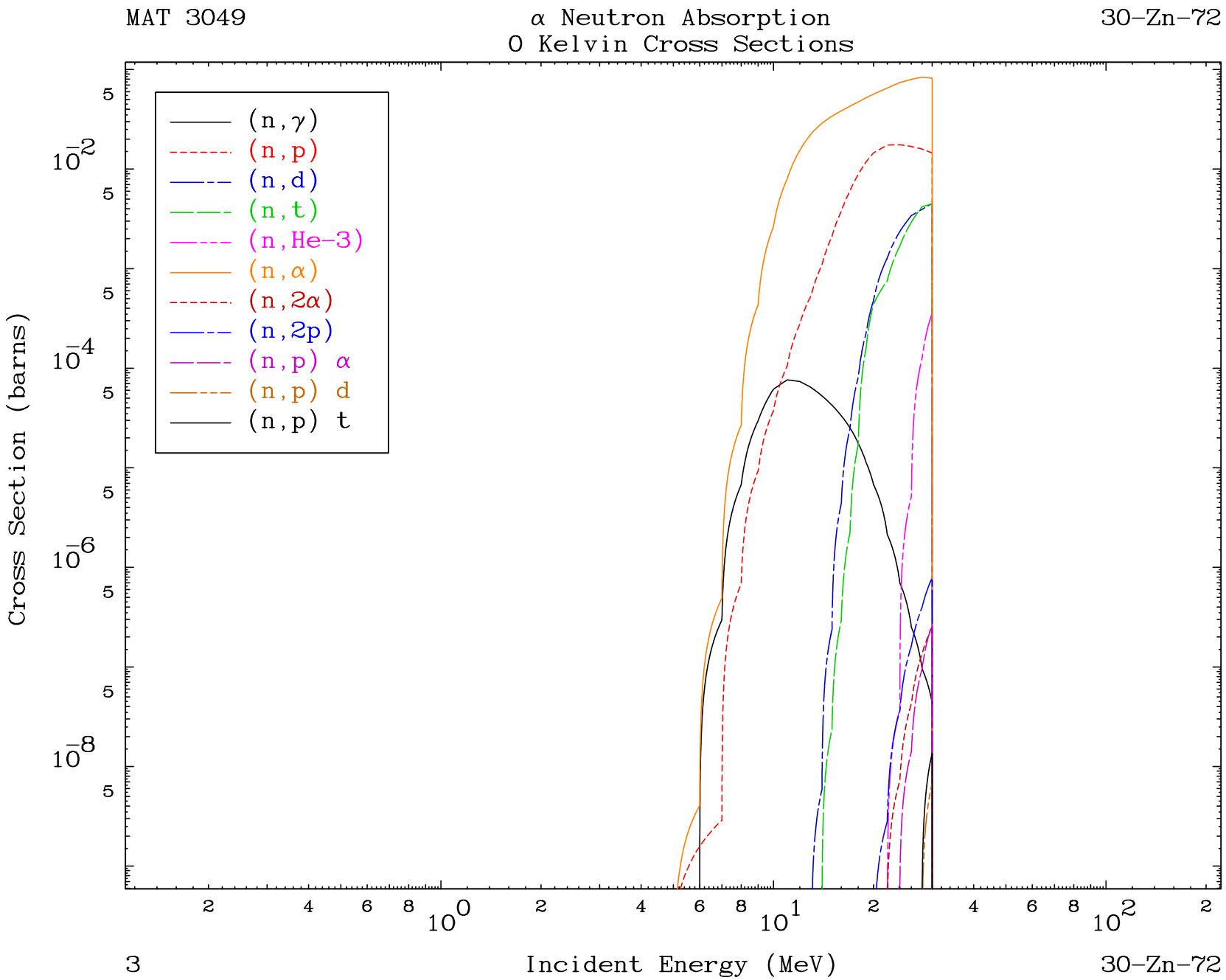
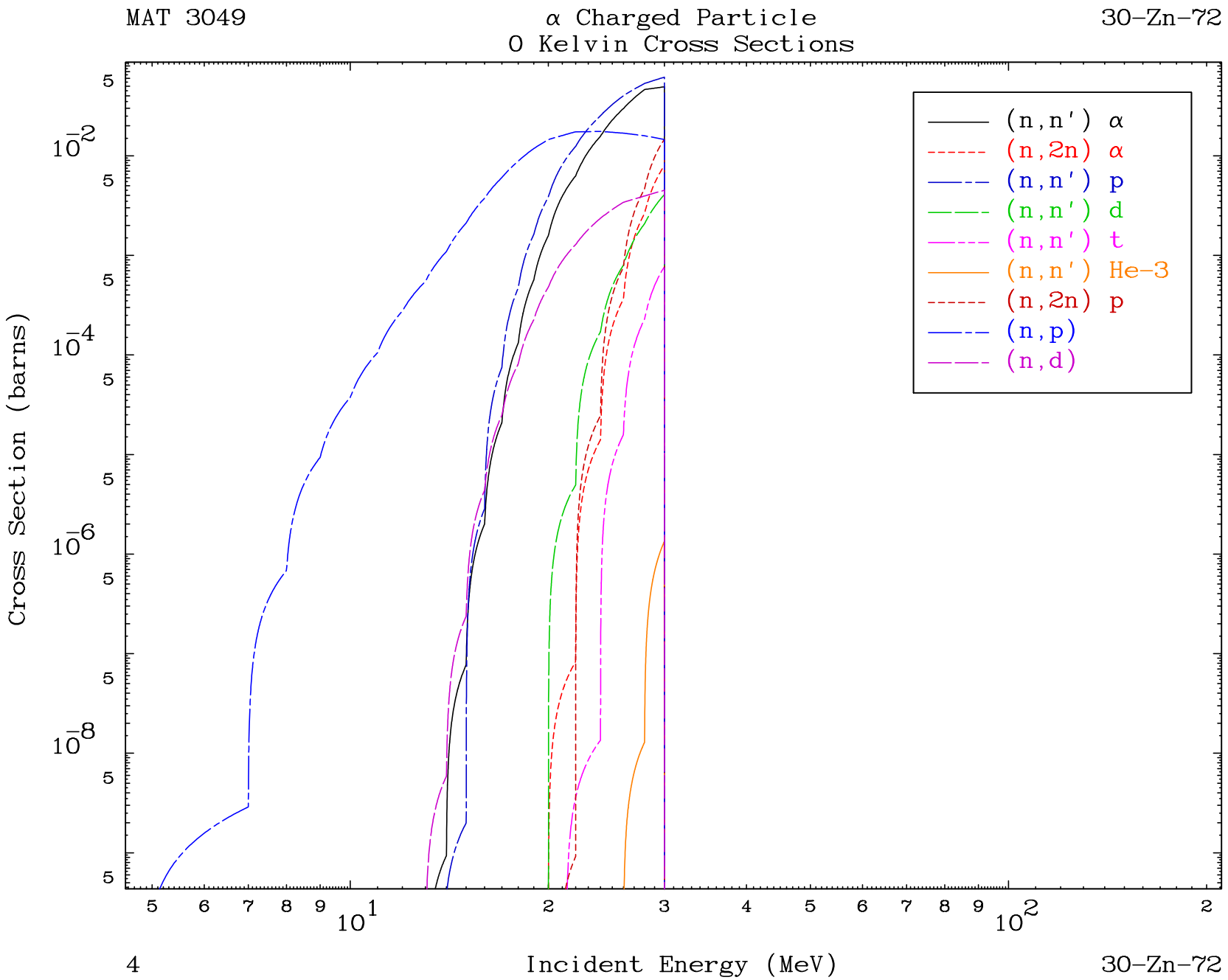
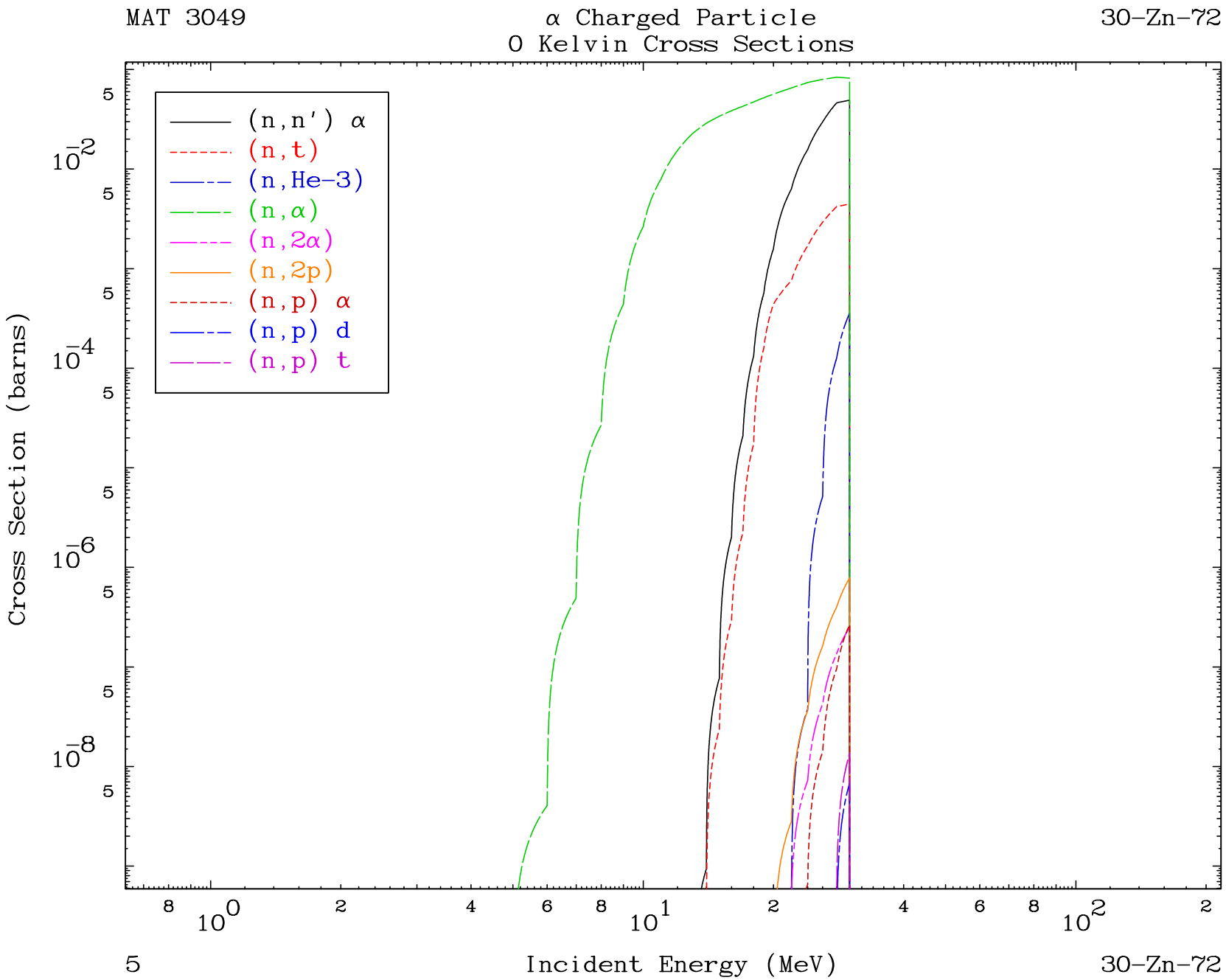
Press Mouse Button to Start

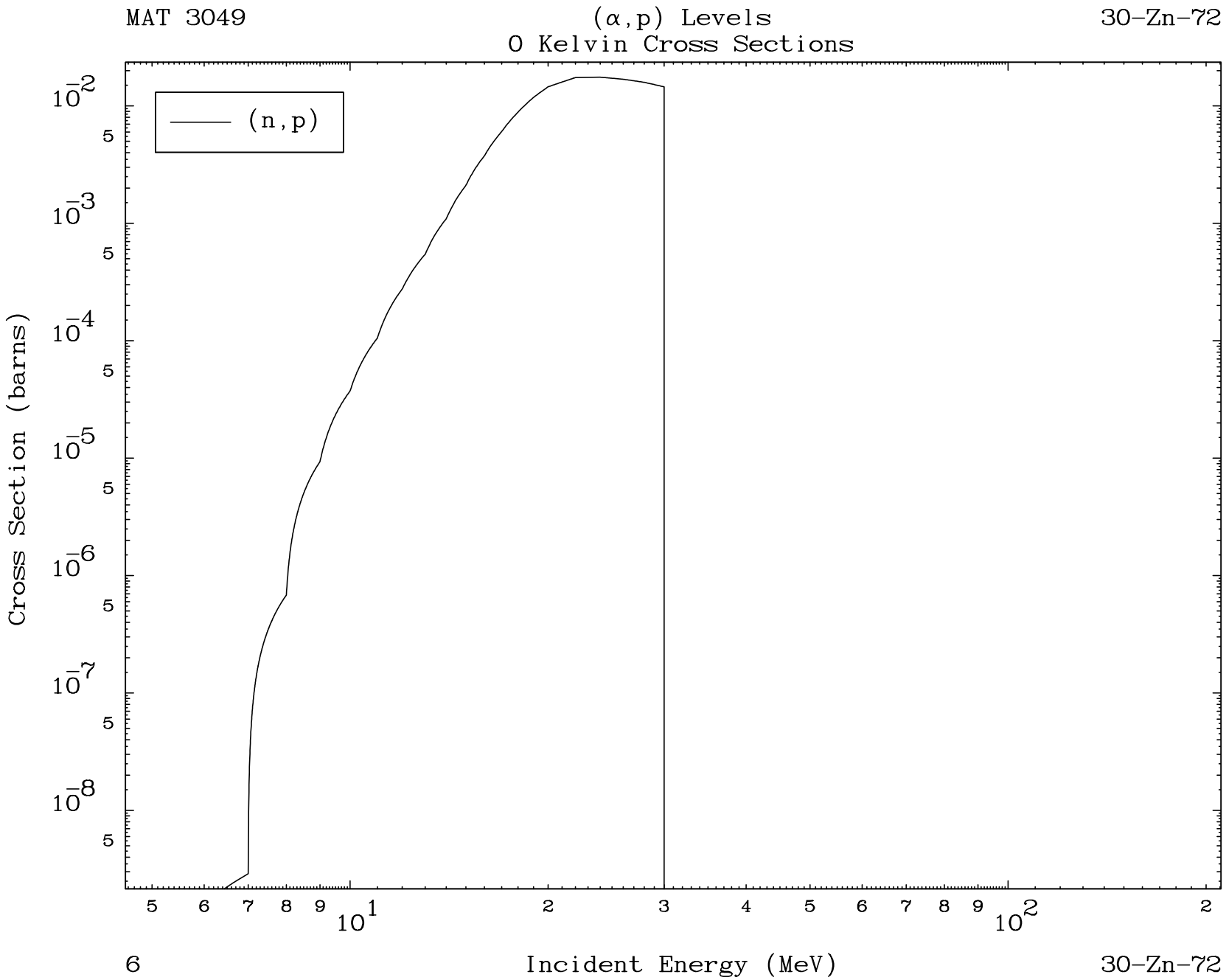

MAT 3049
α Major
30-Zn-72
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
30-Zn-72

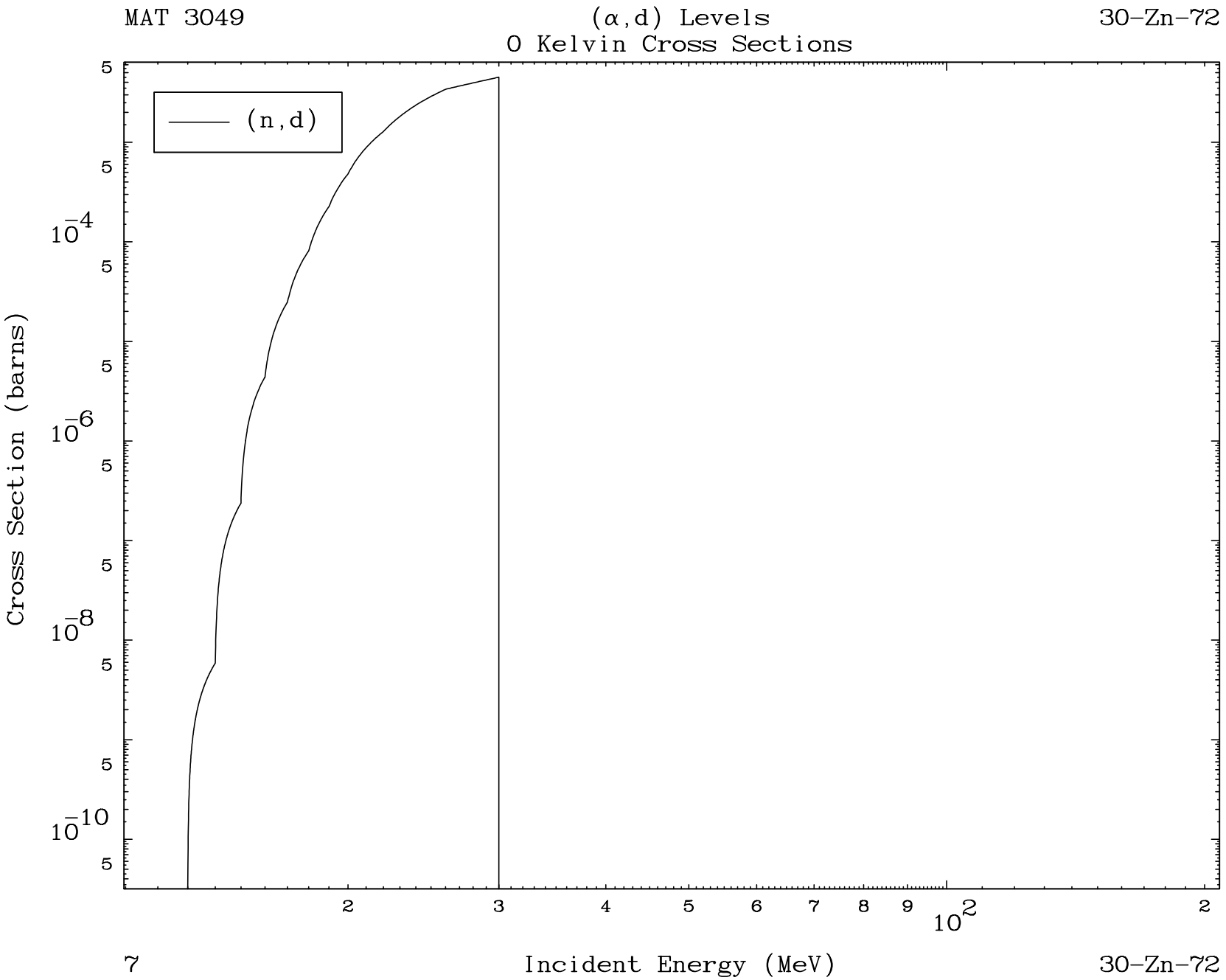

MAT 3049
α Neutron Absorption
0 Kelvin Cross Sections
30-Zn-72
Cross Section (barns)
Incident Energy (MeV)
30-Zn-72
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p


MAT 3049
α Neutron Absorption
0 Kelvin Cross Sections
30-Zn-72
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
30-Zn-72

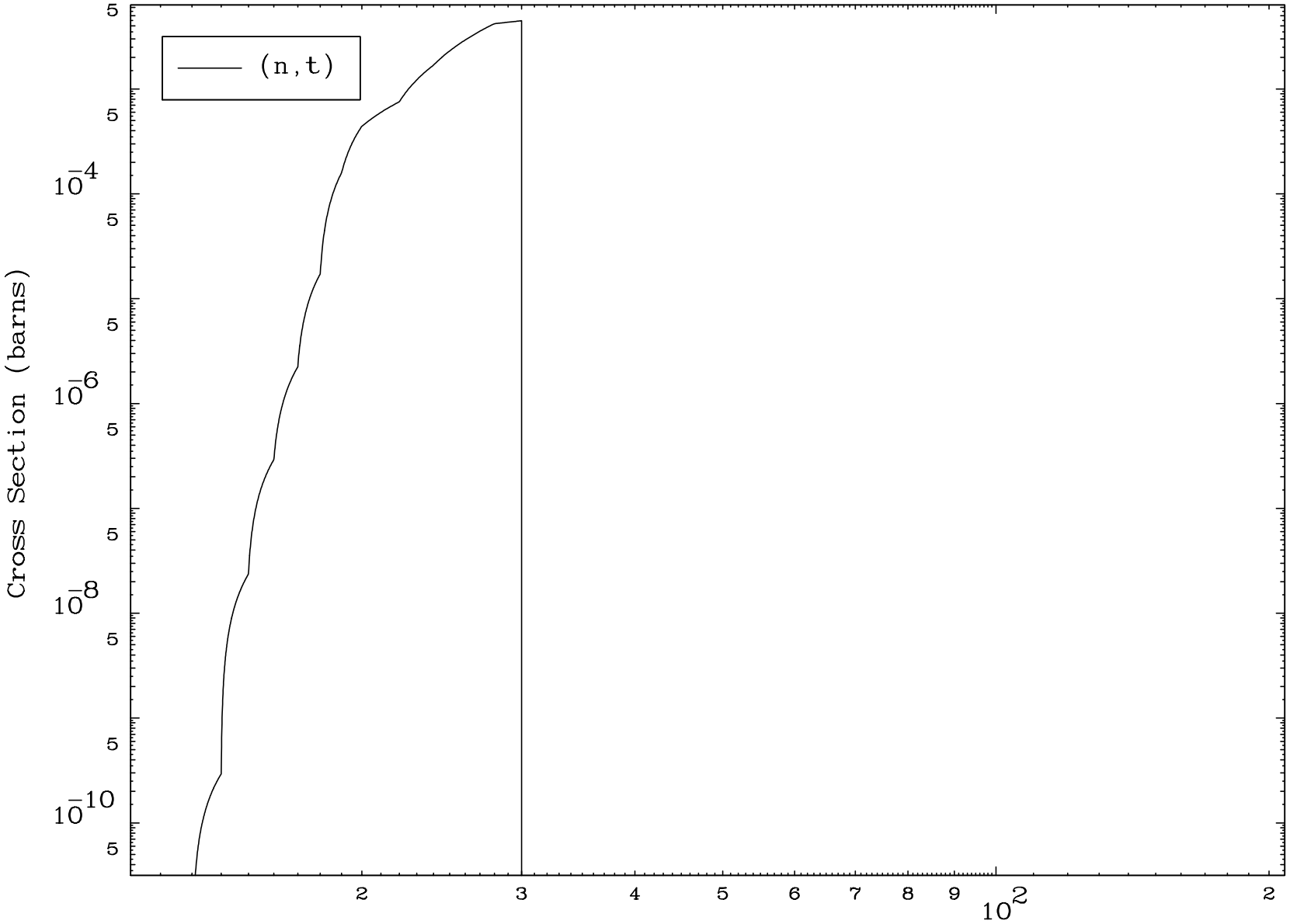

MAT 3049
α Charged Particle
0 Kelvin Cross Sections
30-Zn-72
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
4
30-Zn-72

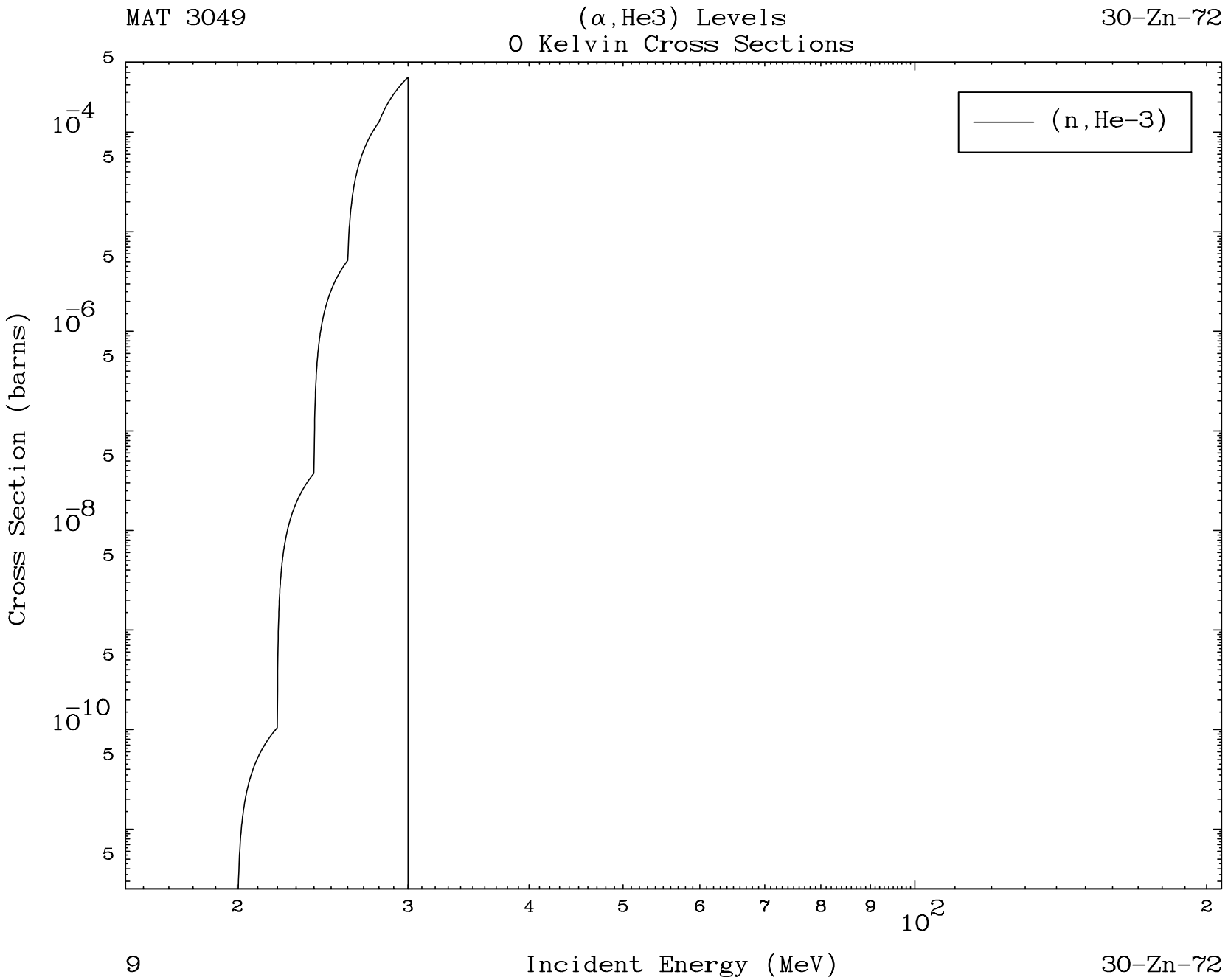

MAT 3049
α Charged Particle
0 Kelvin Cross Sections
30-Zn-72
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
30-Zn-72

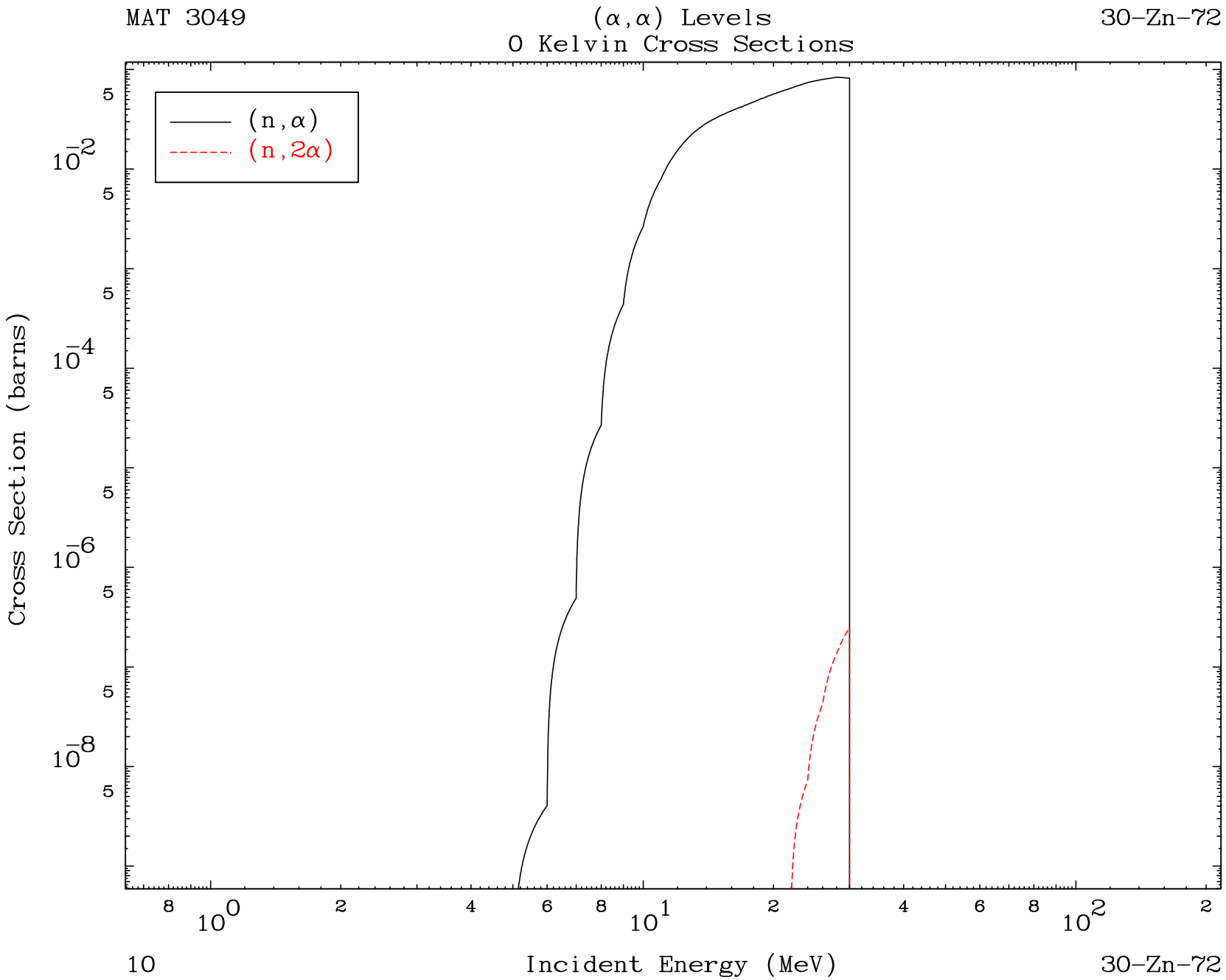

MAT 3049
(α,p) Levels
30-Zn-72
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
30-Zn-72

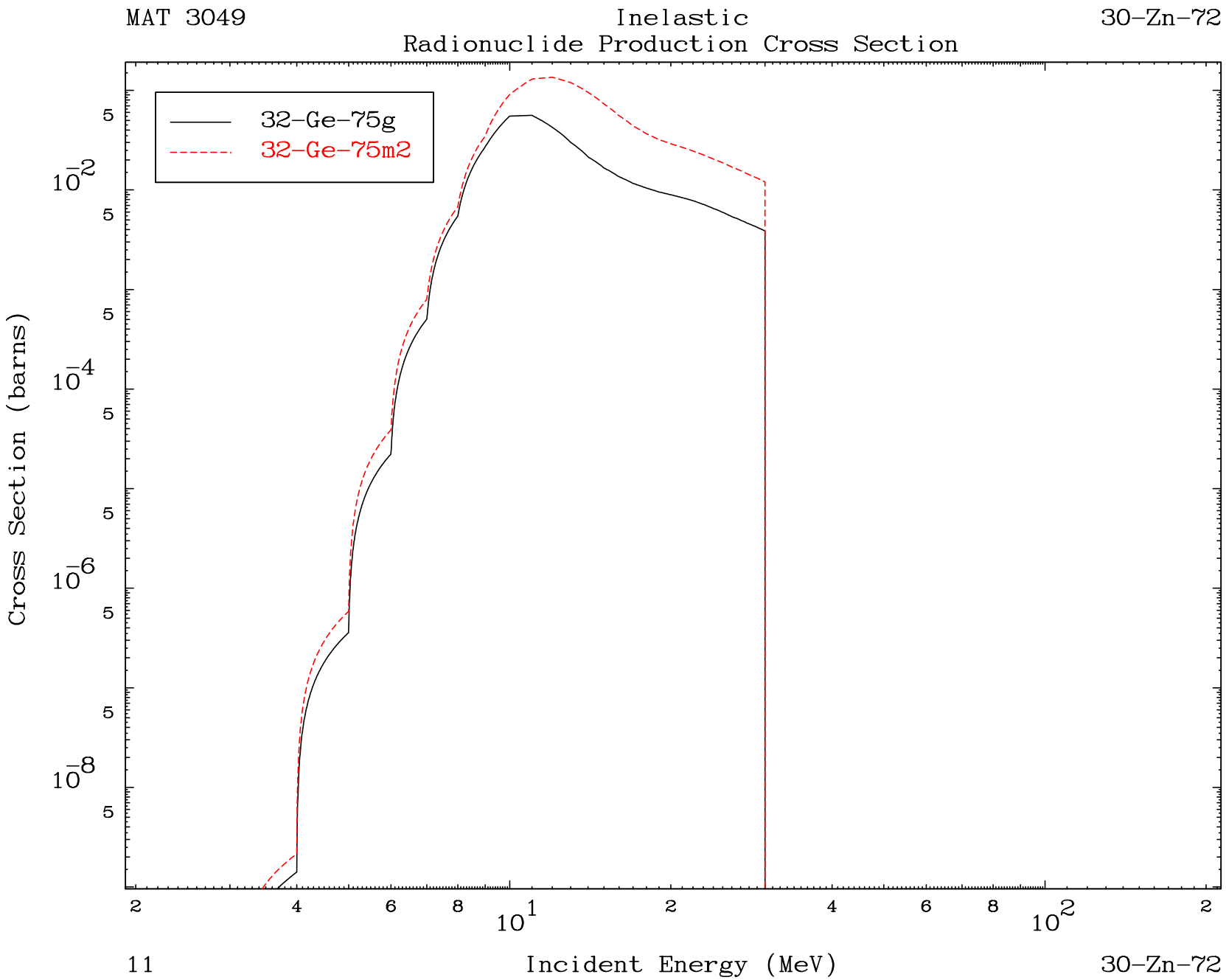

MAT 3049
(α,d) Levels
30-Zn-72
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
30-Zn-72

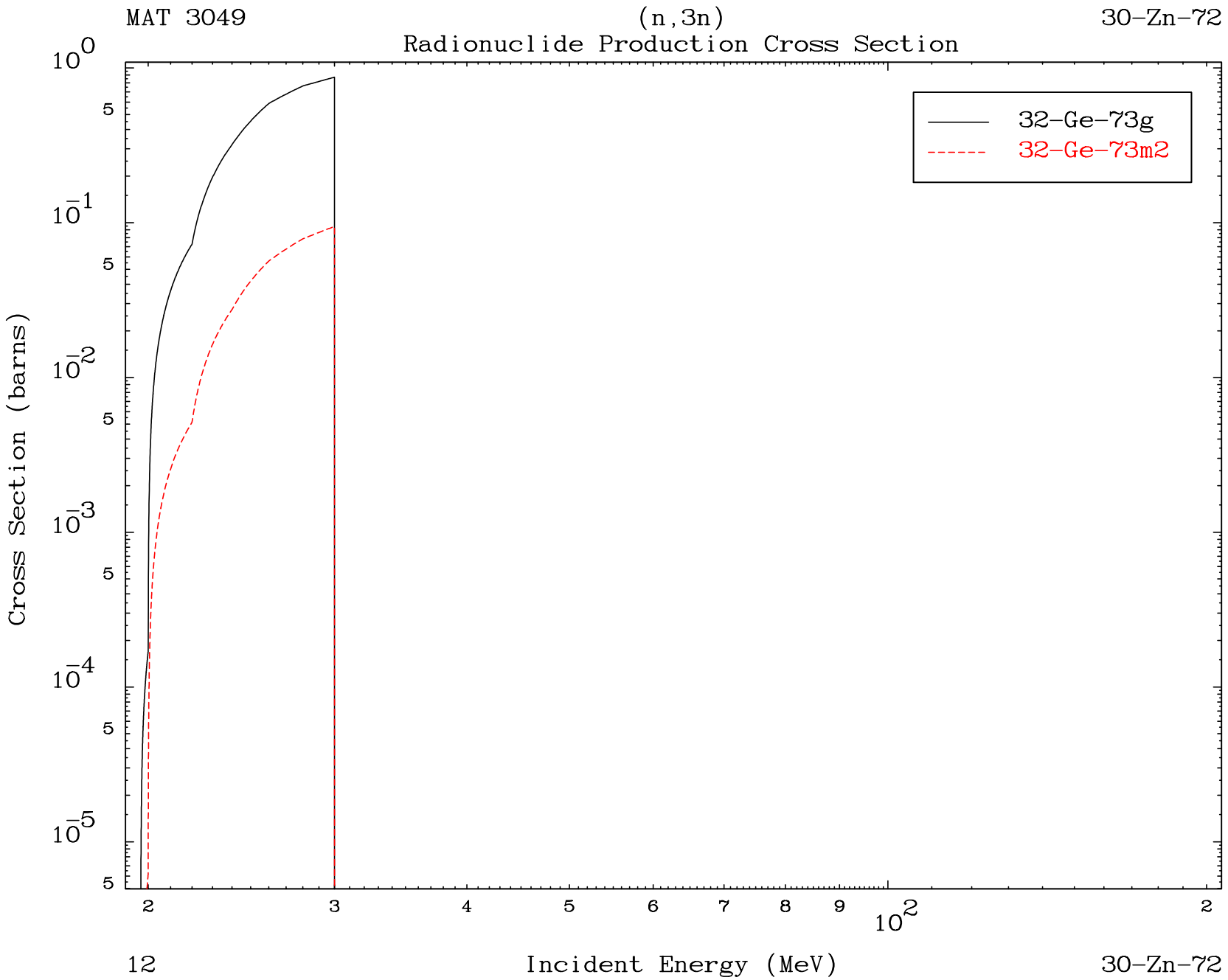
0 Kelvin Cross Sections

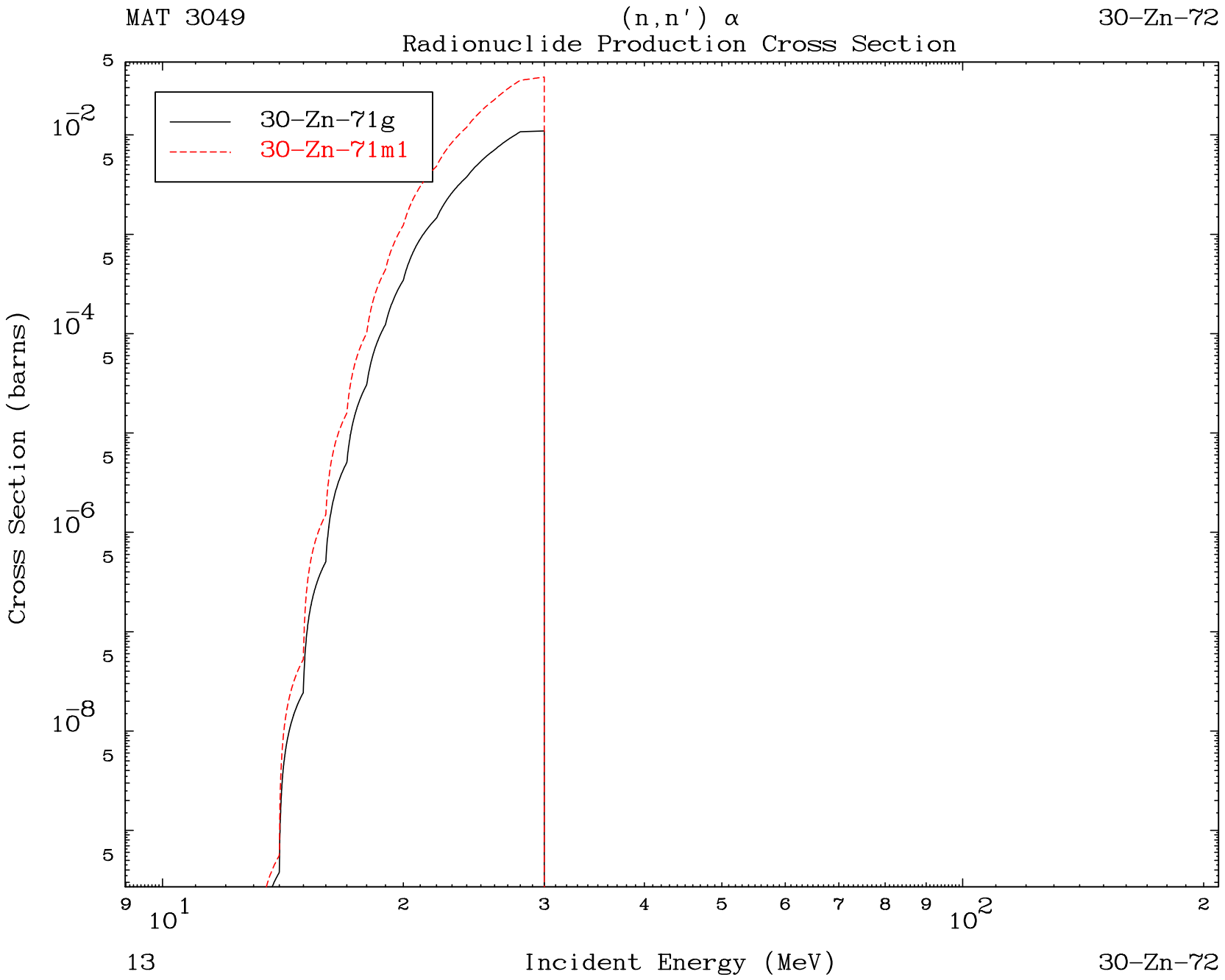


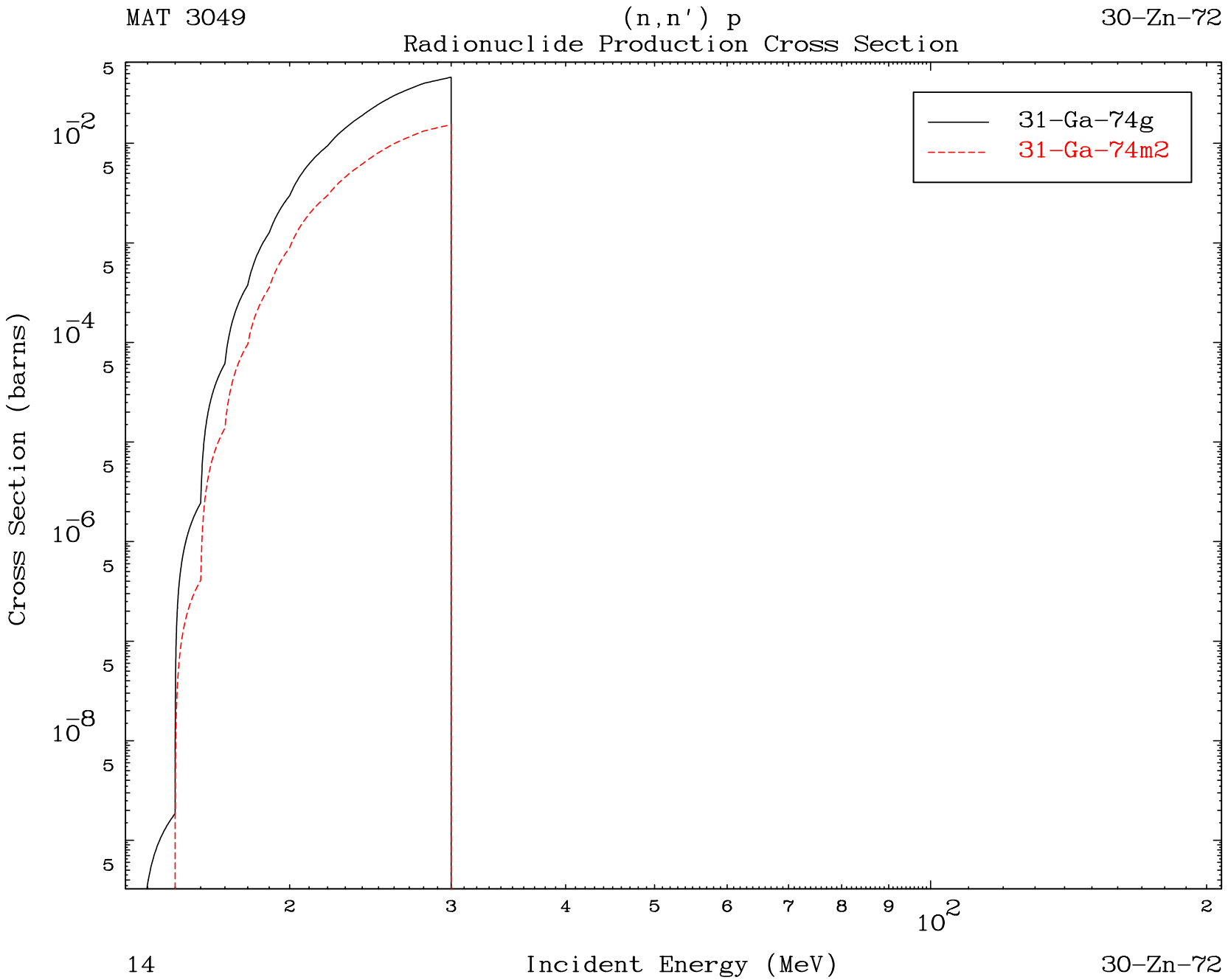

MAT 3049
(α,He3) Levels
30-Zn-72
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
30-Zn-72

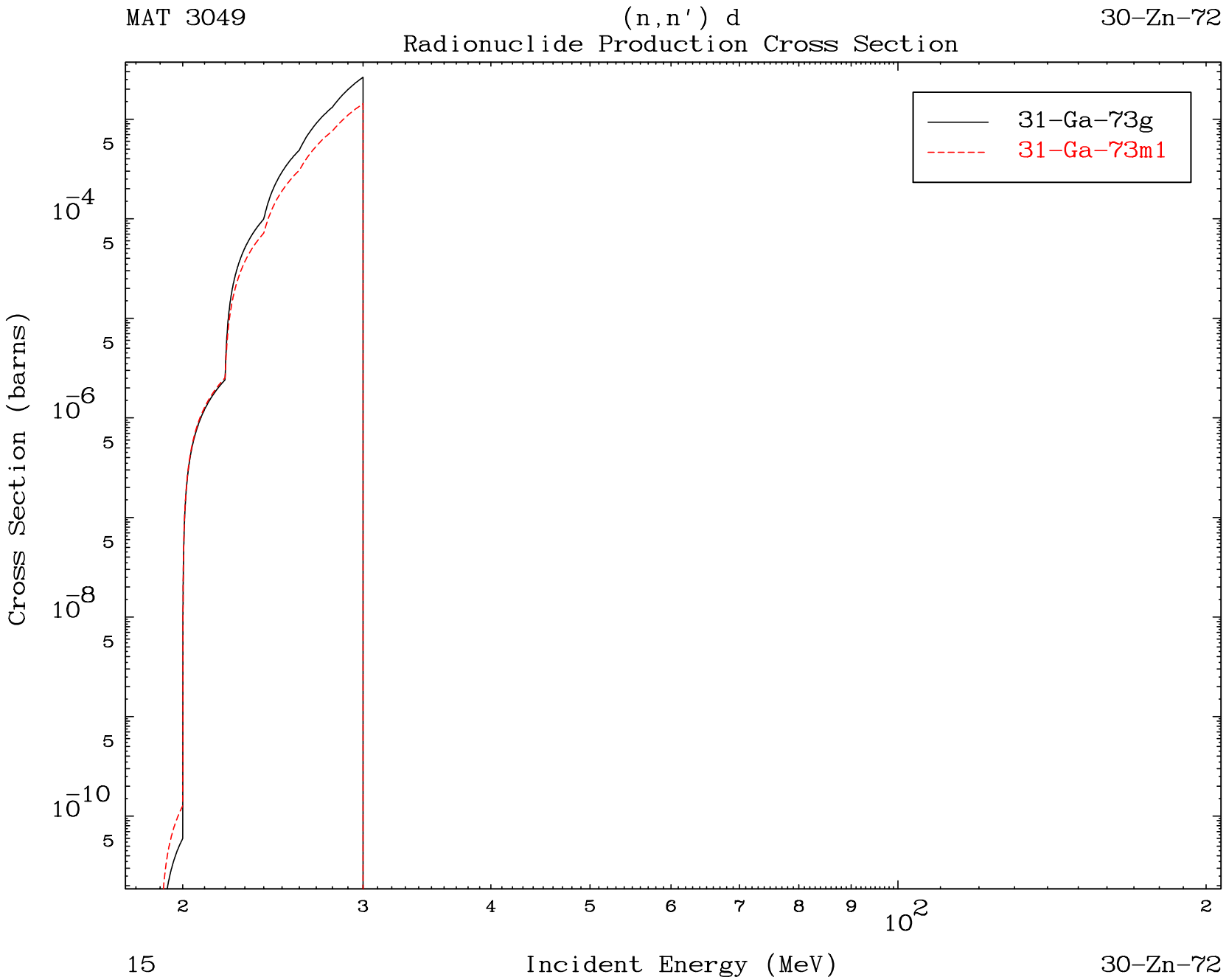

MAT 3049
(α,α) Levels
30-Zn-72
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-72

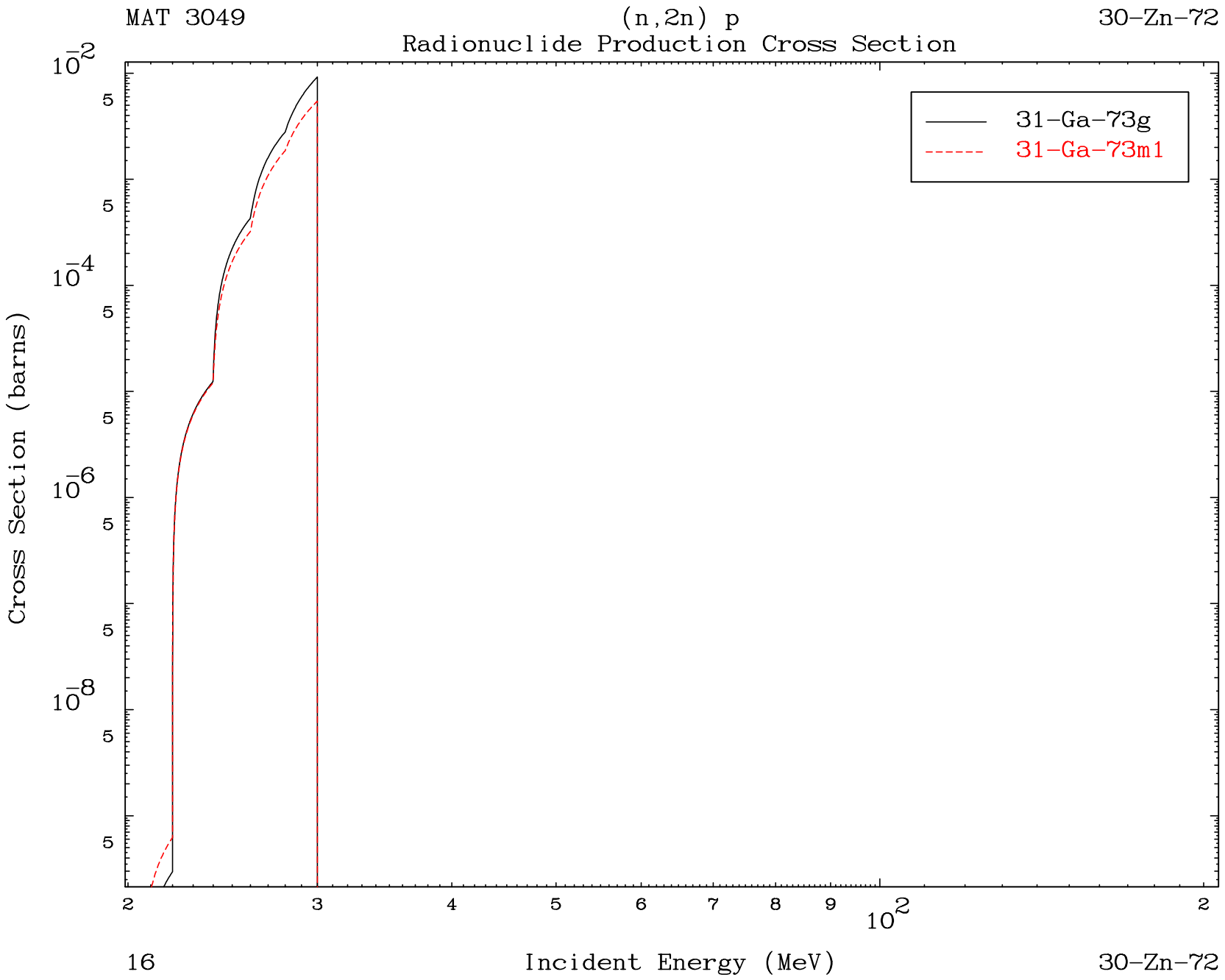

MAT 3049
Inelastic
30-Zn-72
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-72

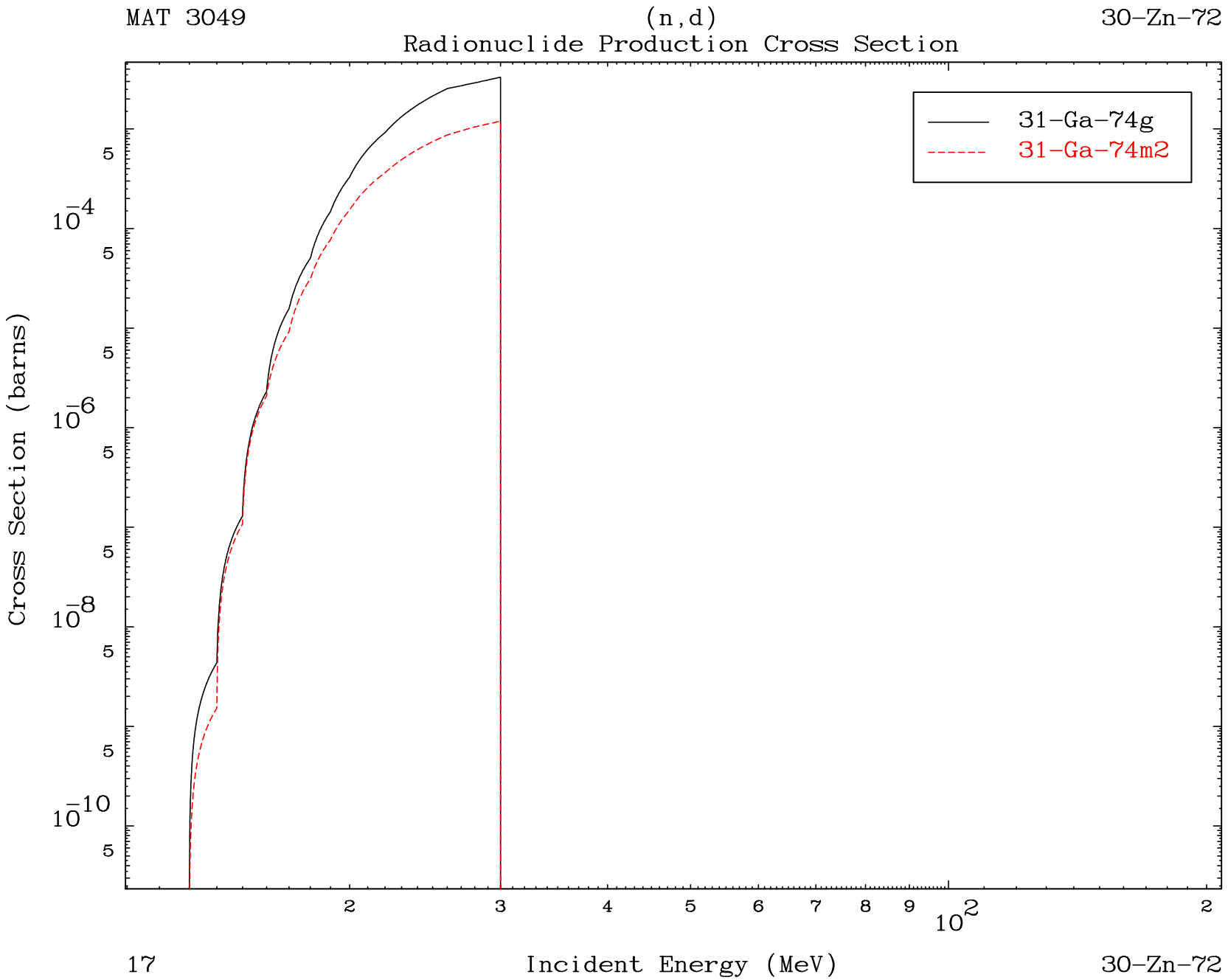

MAT 3049
(n,3n)
30-Zn-72
Radionuclide Production Cross Section
32-Ge-73g
32-Ge-73m2
Cross Section (barns)
Incident Energy (MeV)
12
30-Zn-72

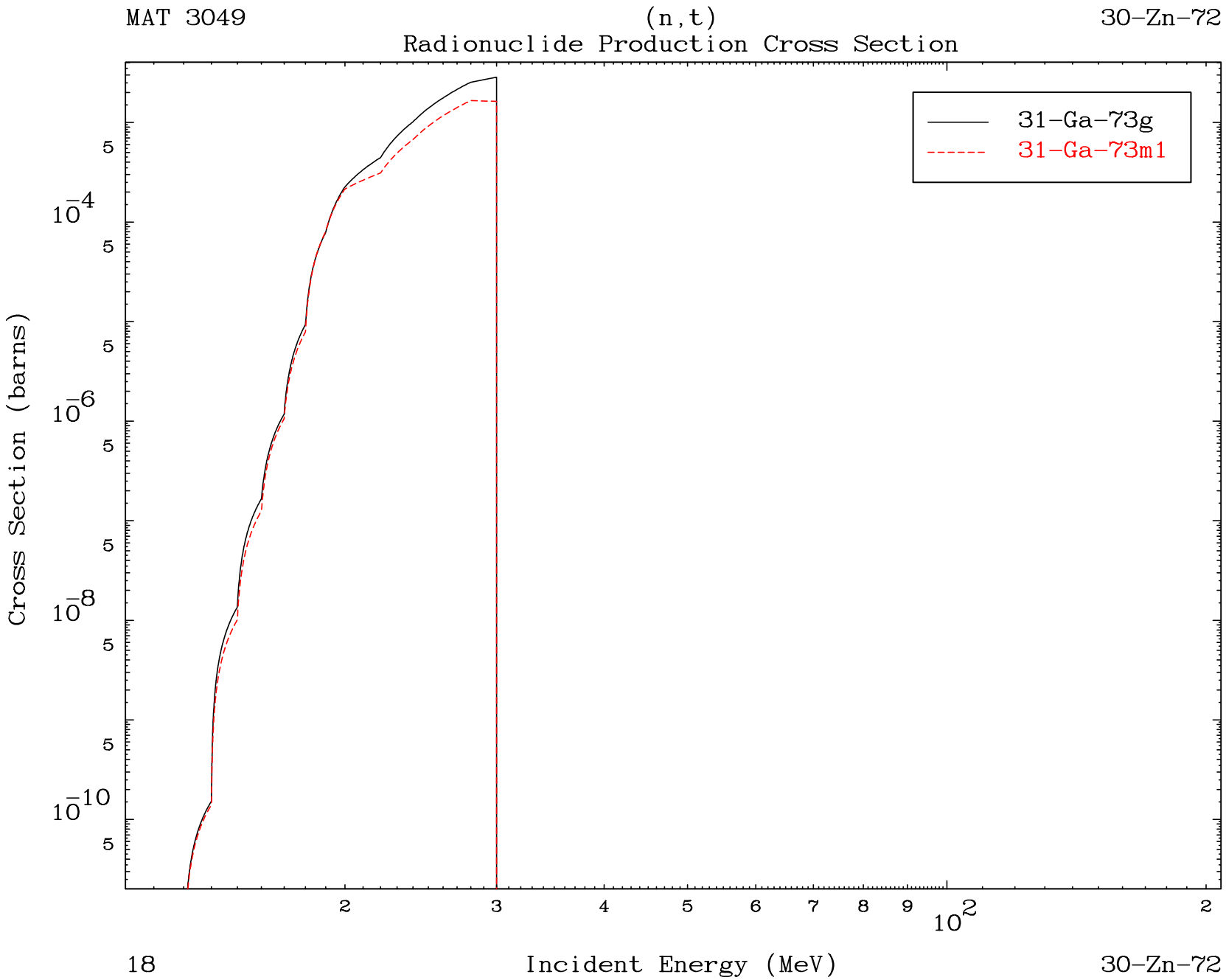

MAT 3049
(n,n') α
30-Zn-72
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
13
30-Zn-72


MAT 3049
(n,n') p
30-Zn-72
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
Incident Energy (MeV)
14
30-Zn-72


MAT 3049
(n,n') d
30-Zn-72
Radionuclide Production Cross Section
31-Ga-73g
31-Ga-73m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
30-Zn-72


MAT 3049
(n,2n) p
30-Zn-72
Radionuclide Production Cross Section
31-Ga-73g
31-Ga-73m1
Cross Section (barns)
Incident Energy (MeV)
16
30-Zn-72


MAT 3049
(n,d)
30-Zn-72
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
30-Zn-72


MAT 3049
(n,t)
30-Zn-72
Radionuclide Production Cross Section
31-Ga-73g
31-Ga-73m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
30-Zn-72