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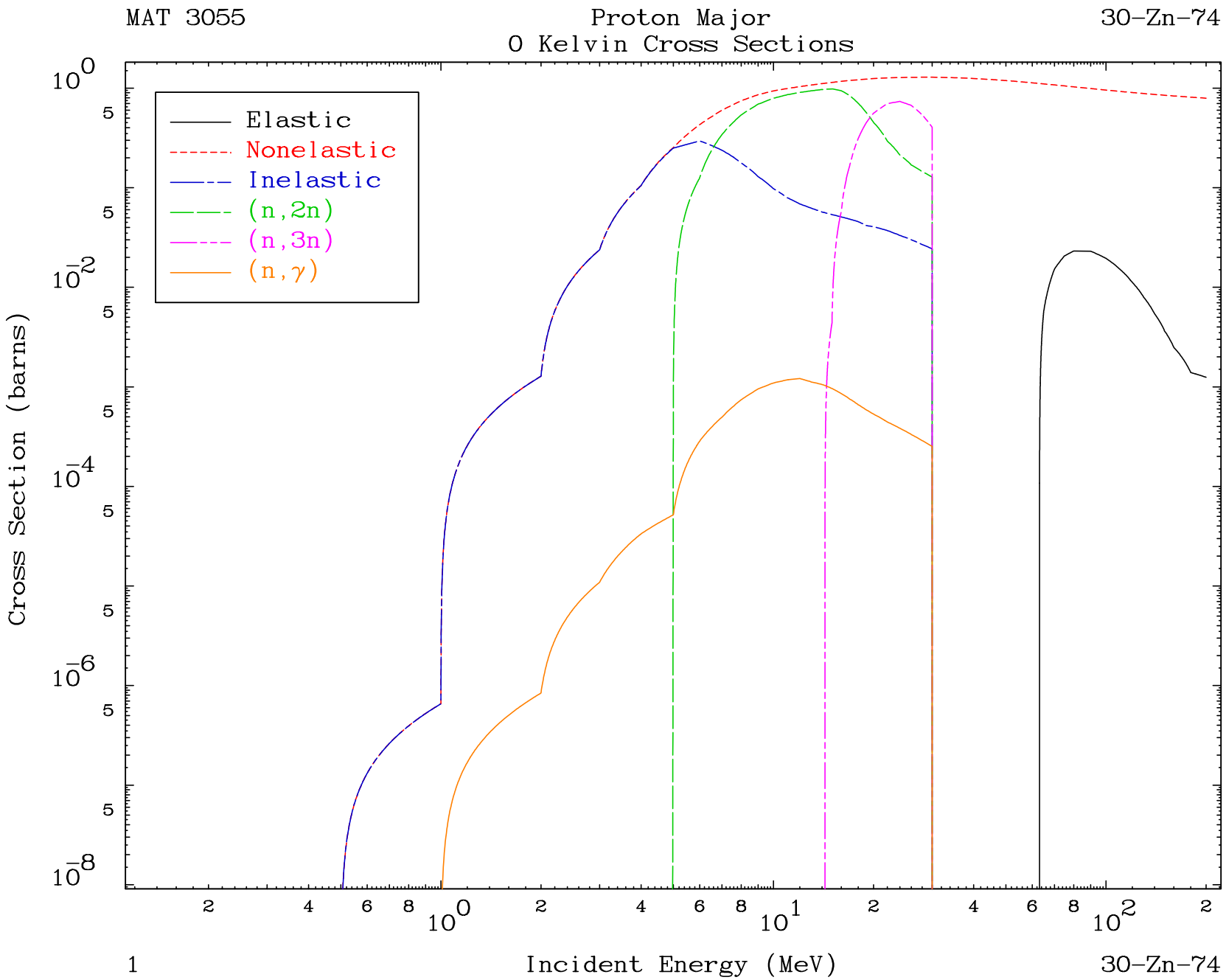
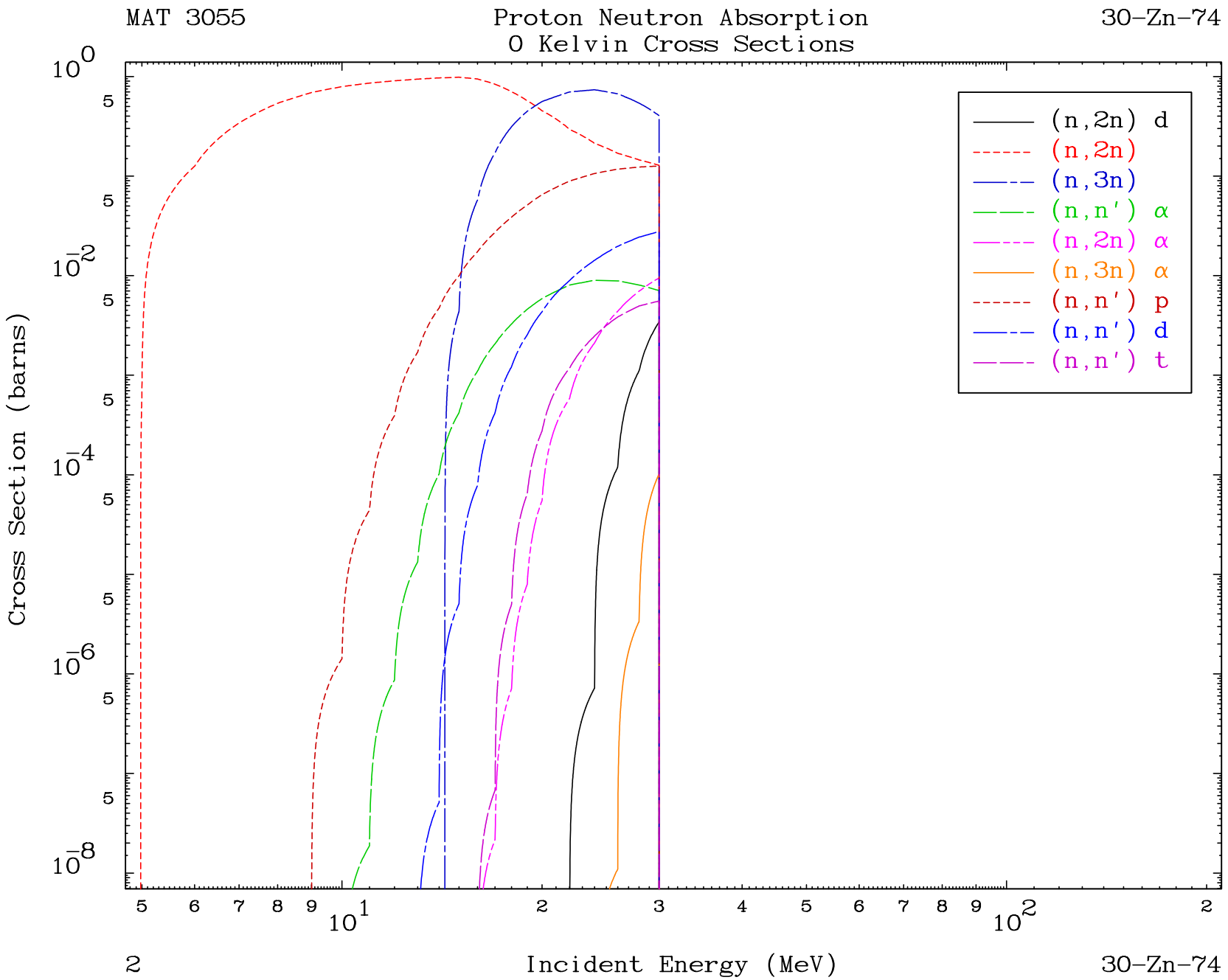
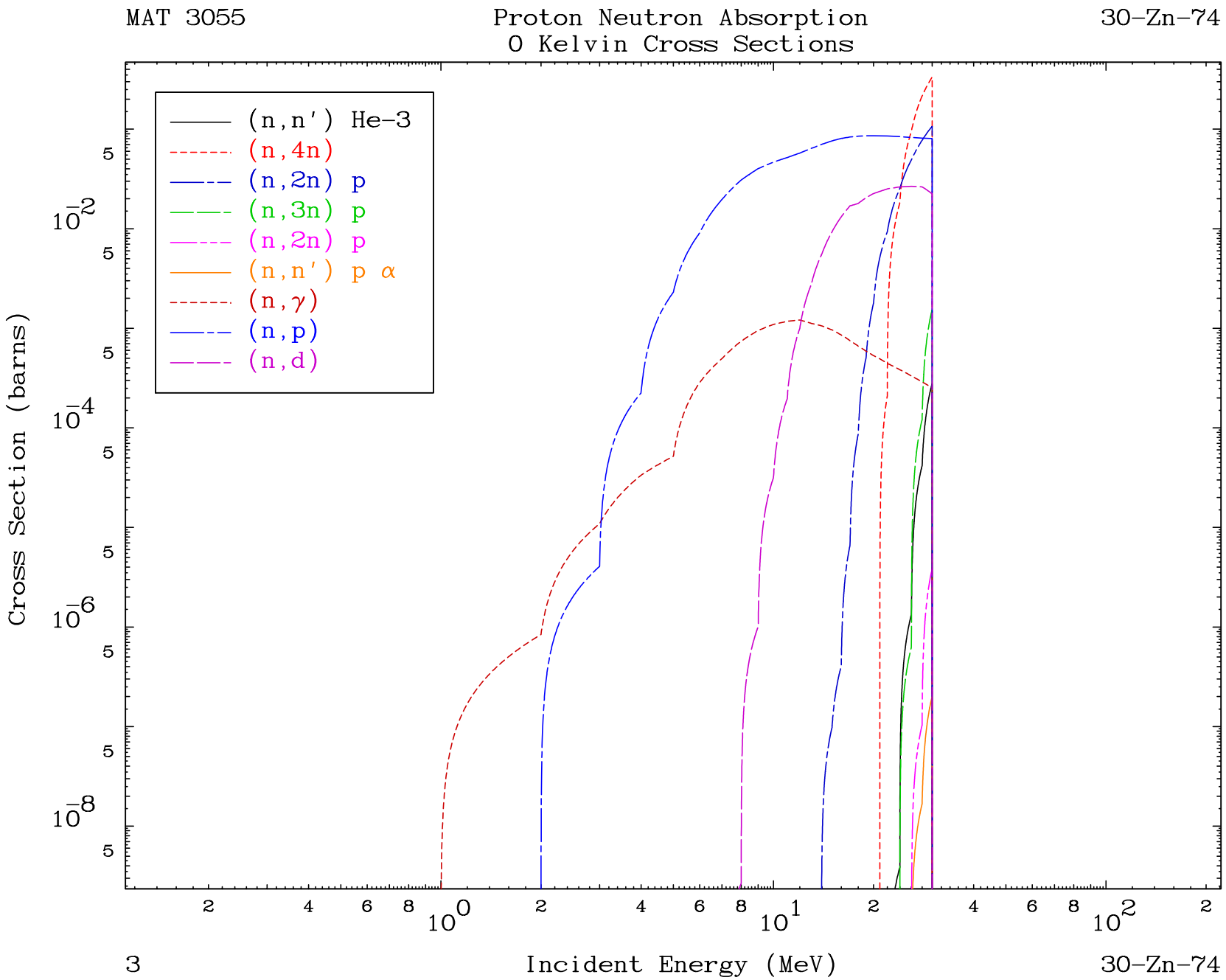
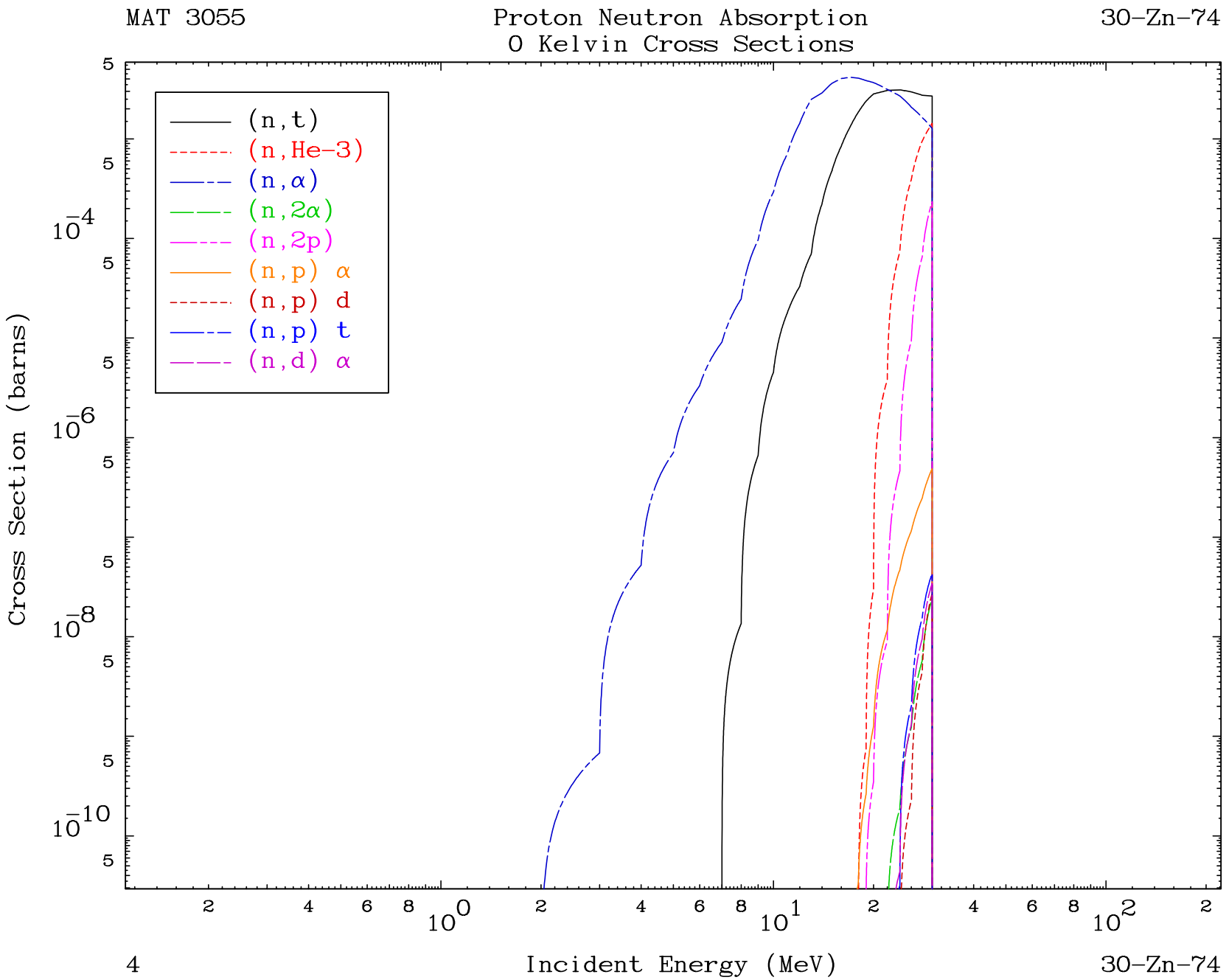
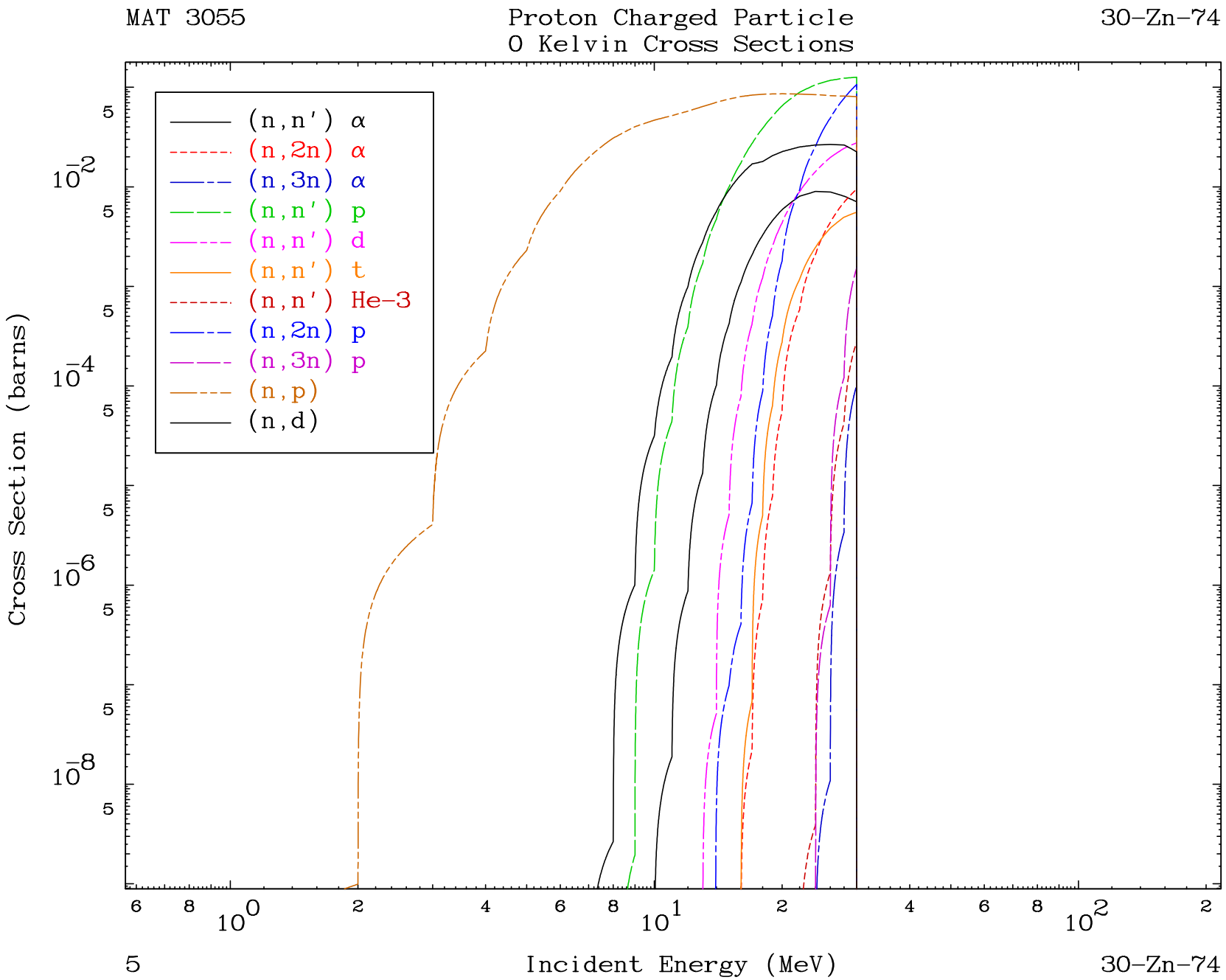
Press Mouse Button to Start

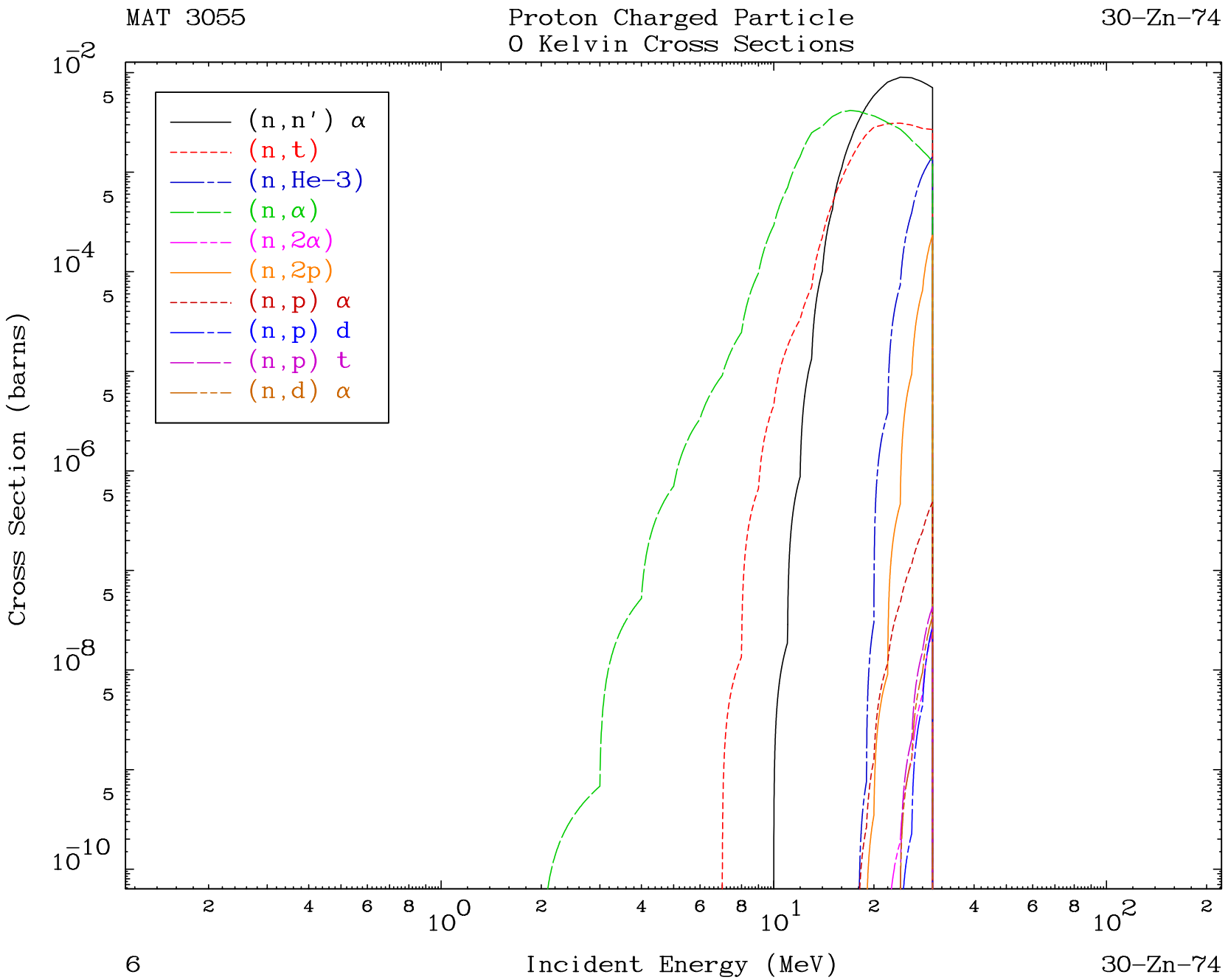

MAT 3055
Proton Major
30-Zn-74
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-74
1

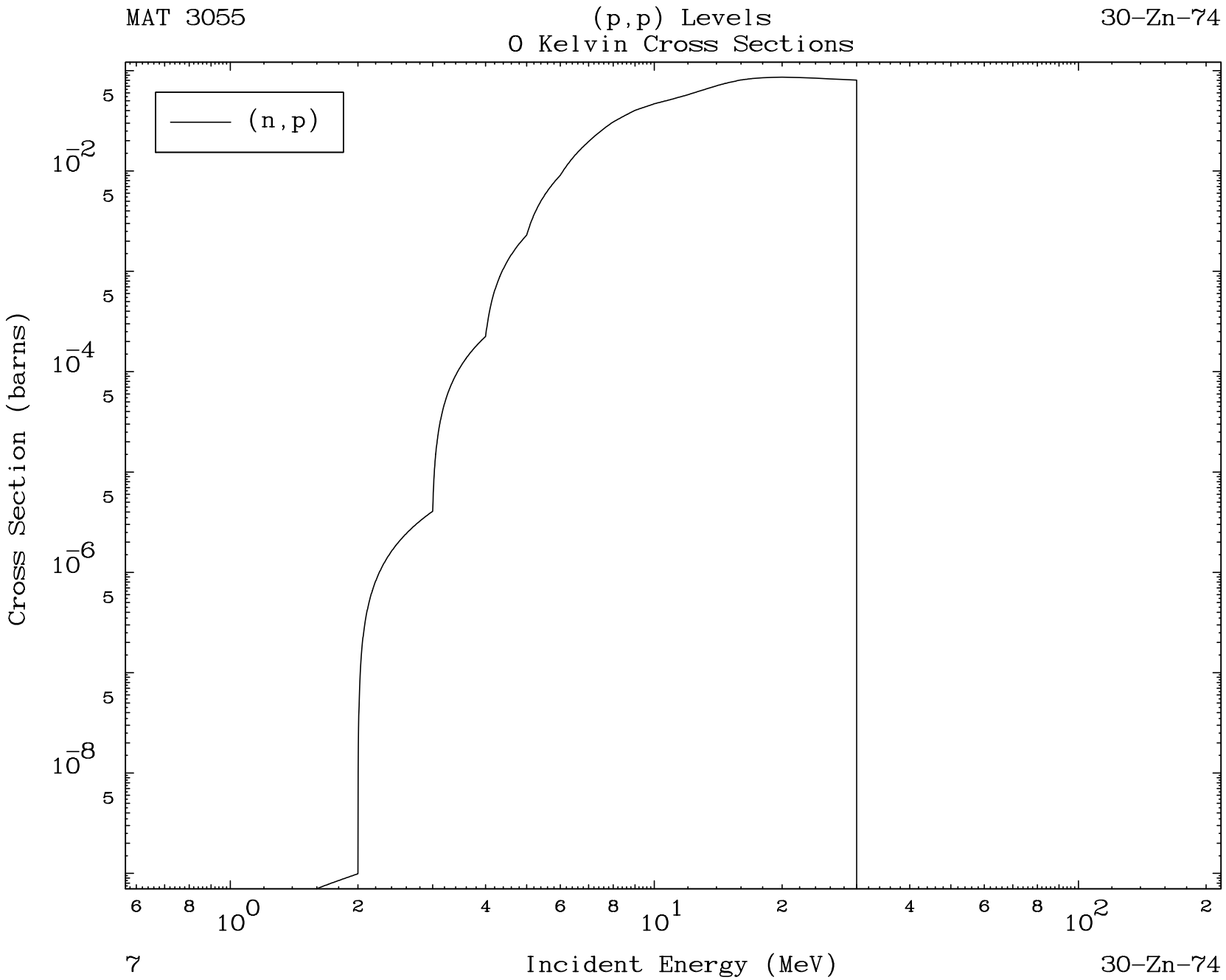

MAT 3055
Proton Neutron Absorption
0 Kelvin Cross Sections
30-Zn-74
Cross Section (barns)
Incident Energy (MeV)
30-Zn-74
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t

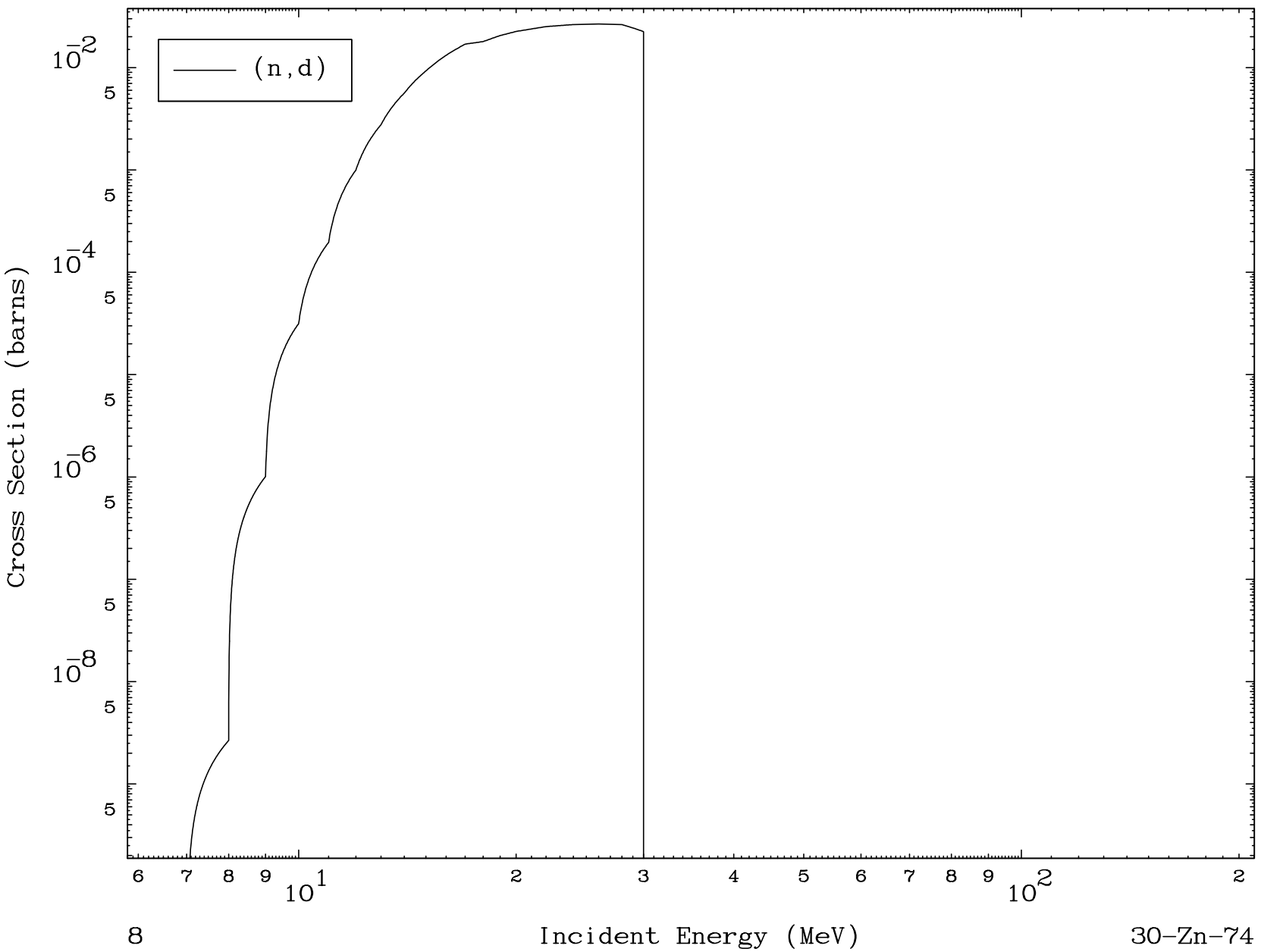

MAT 3055
Proton Neutron Absorption
0 Kelvin Cross Sections
30-Zn-74
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
30-Zn-74

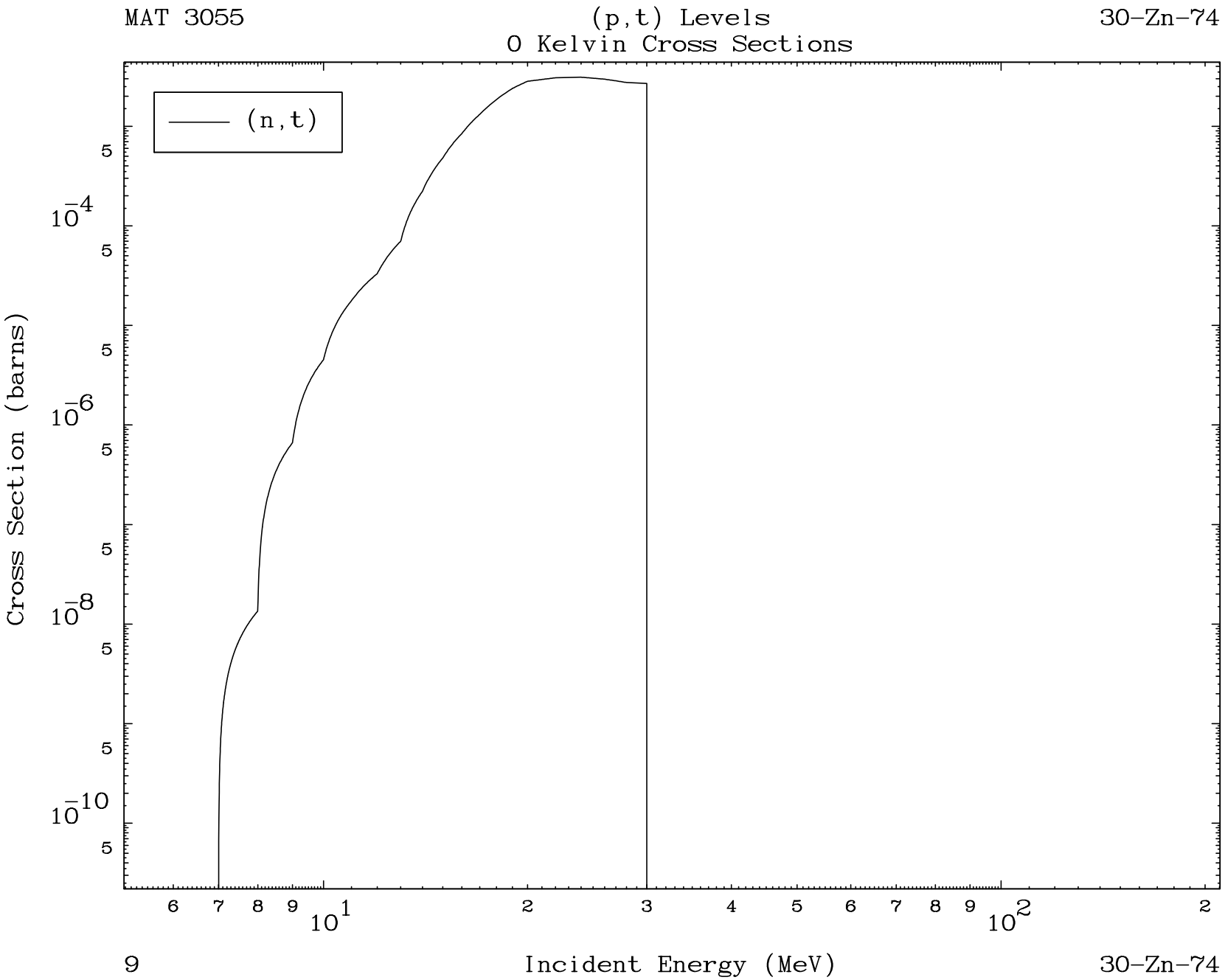

MAT 3055
Proton Neutron Absorption
0 Kelvin Cross Sections
30-Zn-74
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
30-Zn-74

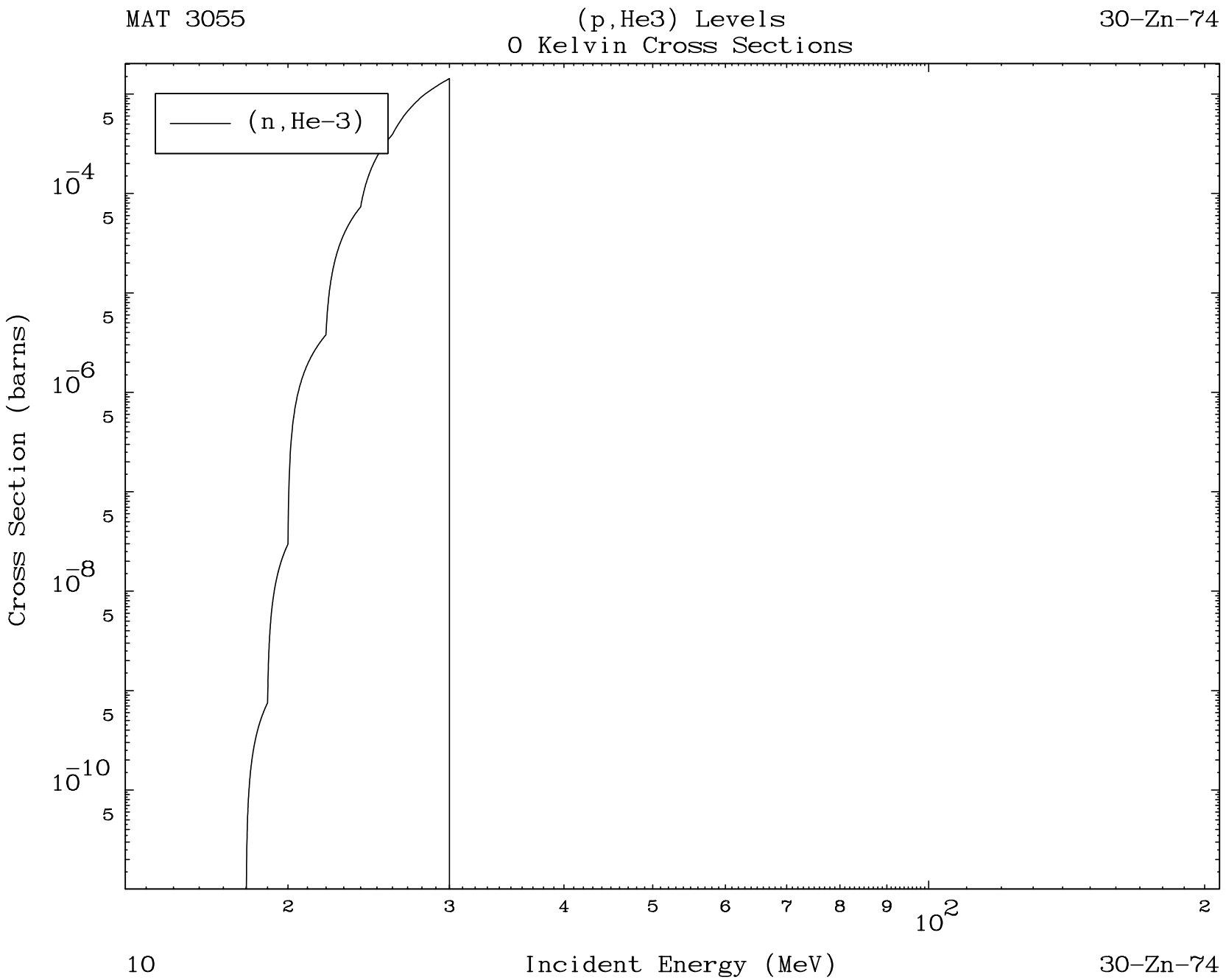

MAT 3055
Proton Charged Particle
0 Kelvin Cross Sections
30-Zn-74
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-74

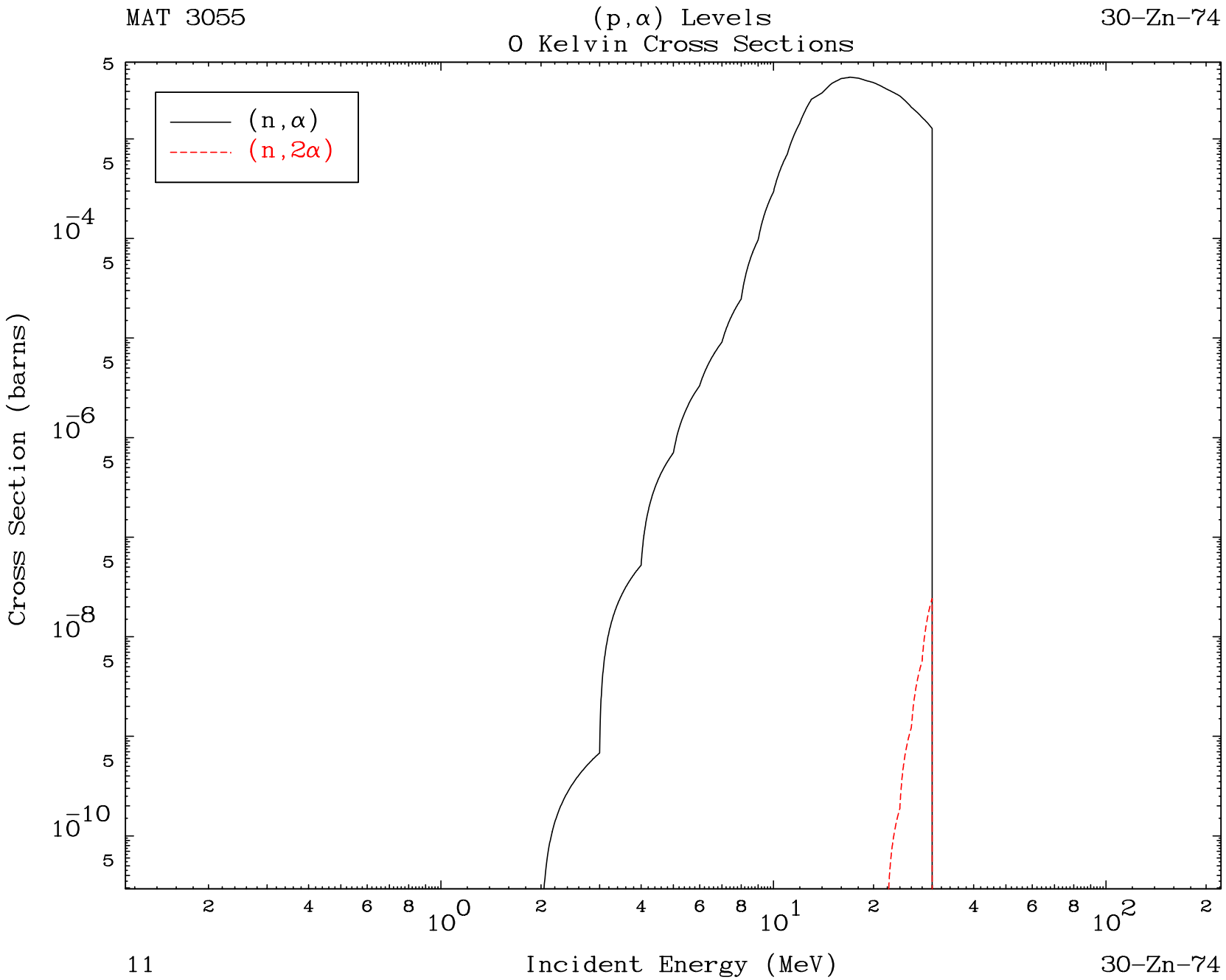

MAT 3055
Proton Charged Particle
0 Kelvin Cross Sections
30-Zn-74
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
30-Zn-74

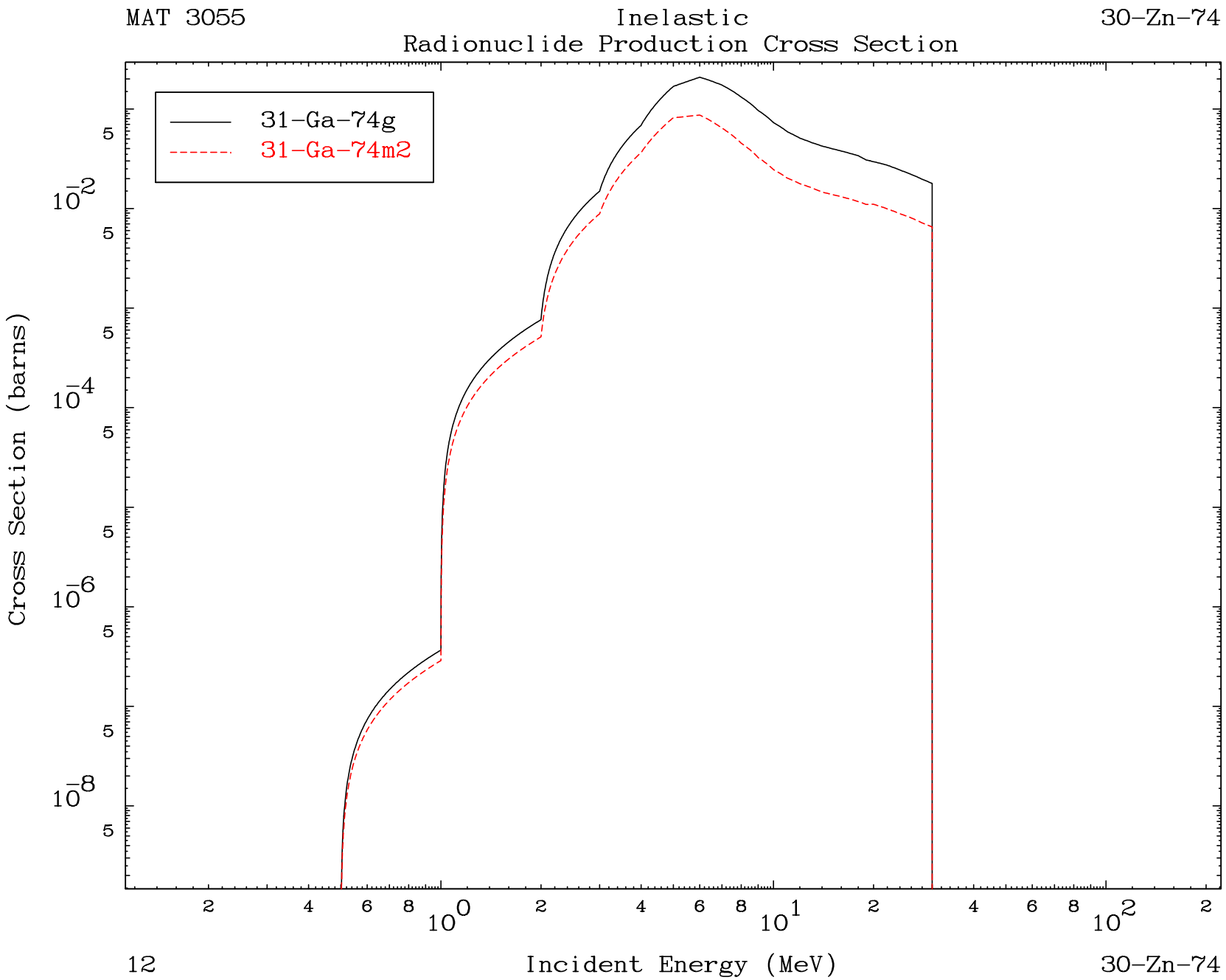

MAT 3055
(p,p) Levels
30-Zn-74
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
30-Zn-74

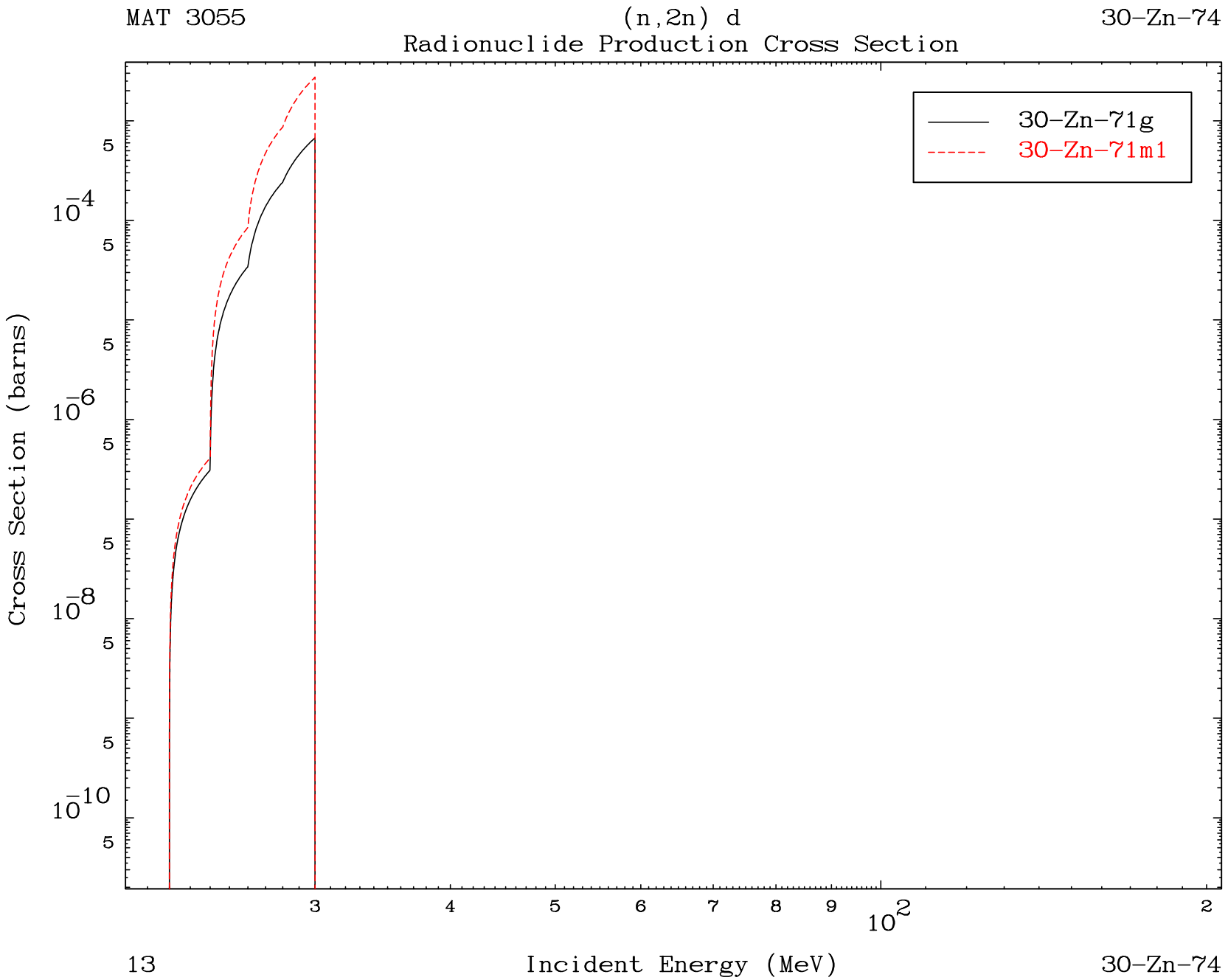

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

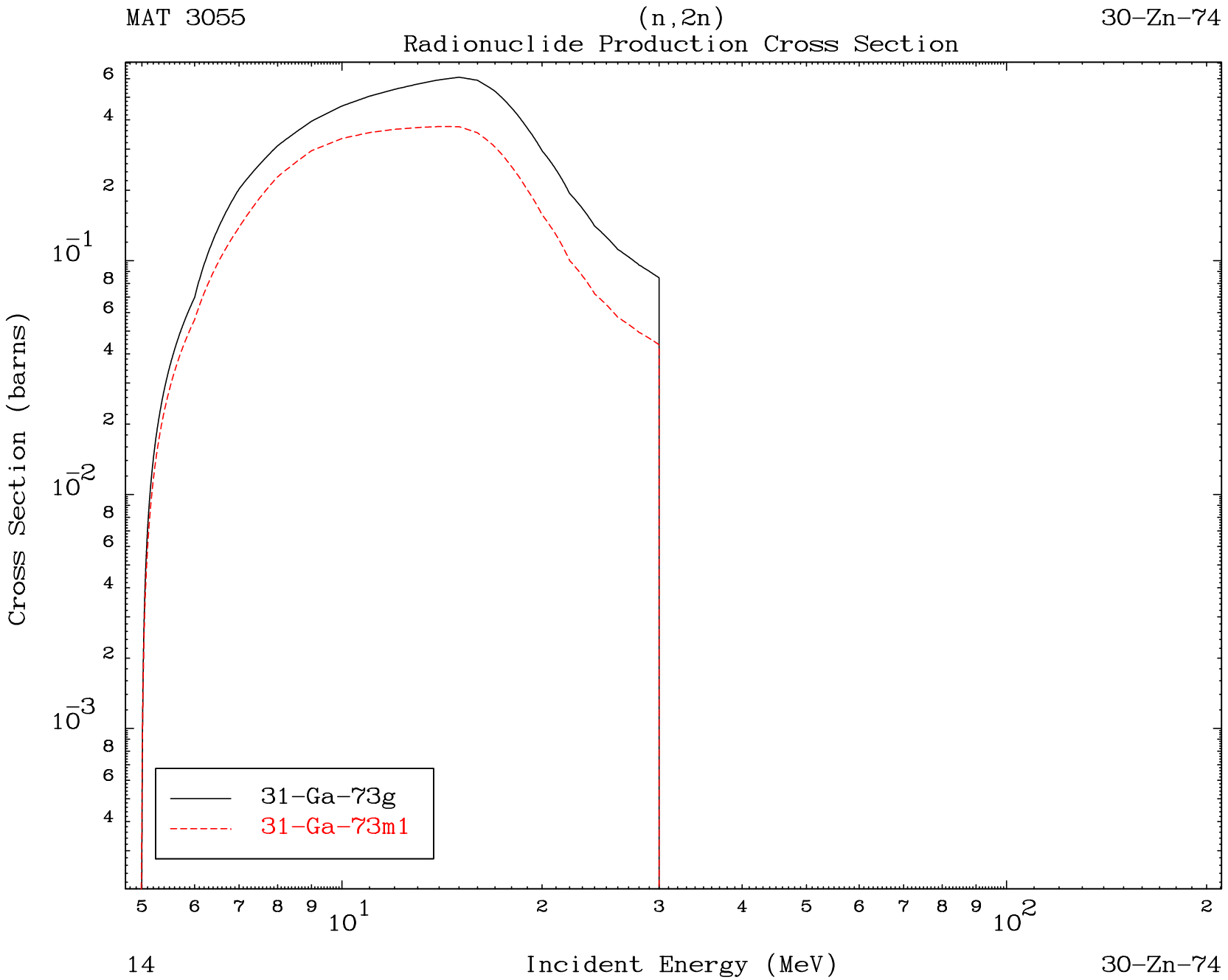

MAT 3055
(p,t) Levels
30-Zn-74
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
30-Zn-74

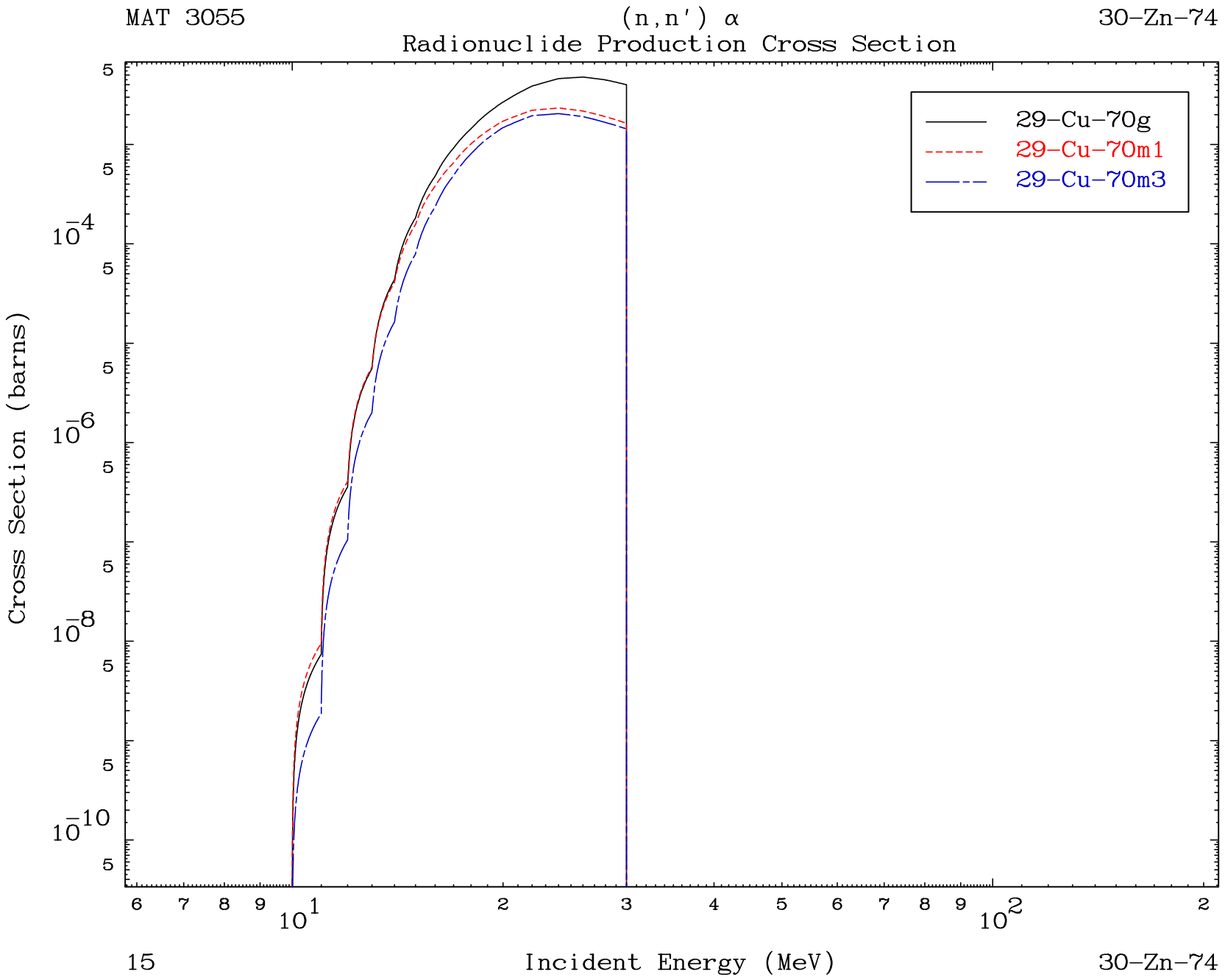

MAT 3055
(p,He3) Levels
30-Zn-74
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
30-Zn-74

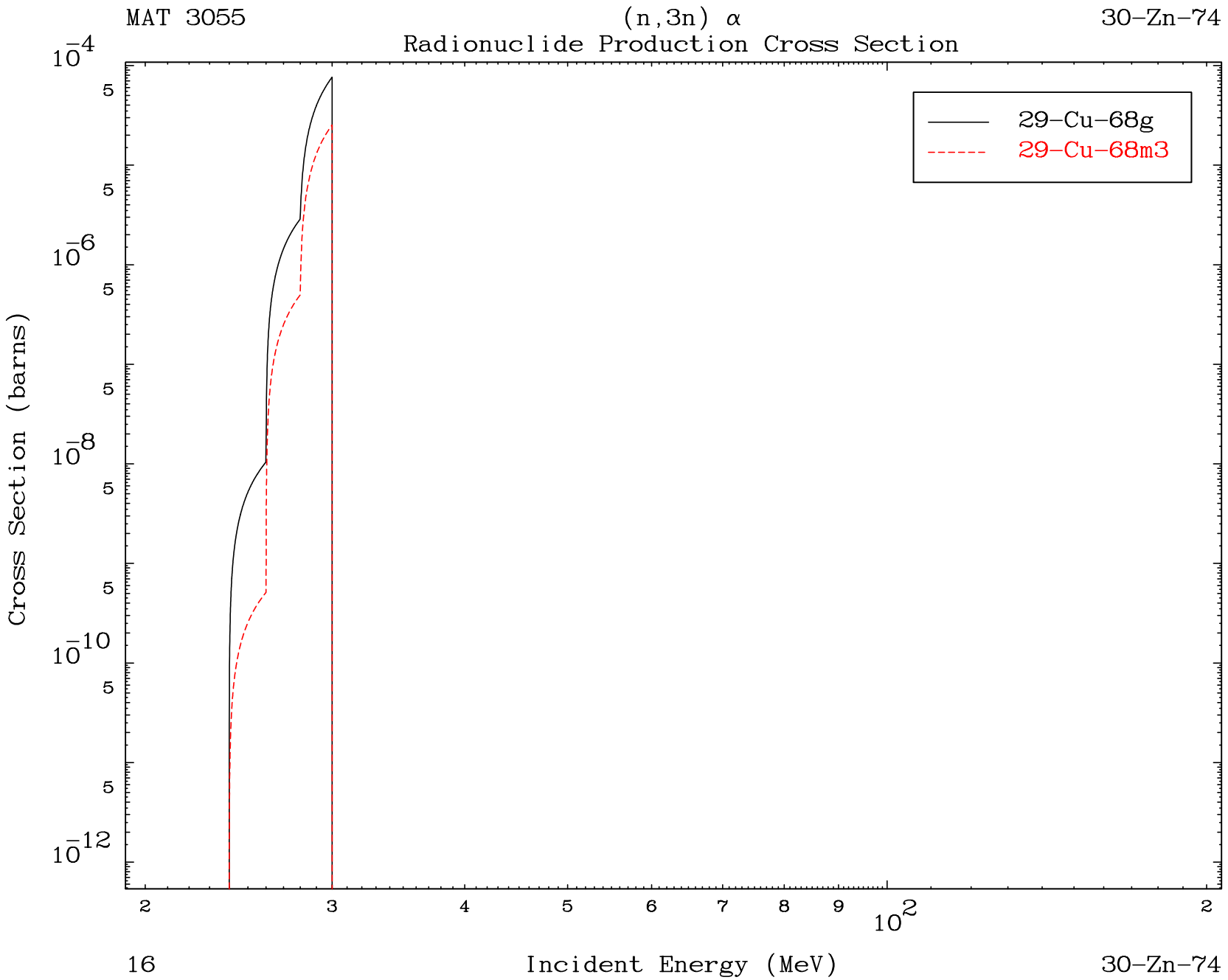

MAT 3055
(p,α) Levels
30-Zn-74
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
30-Zn-74

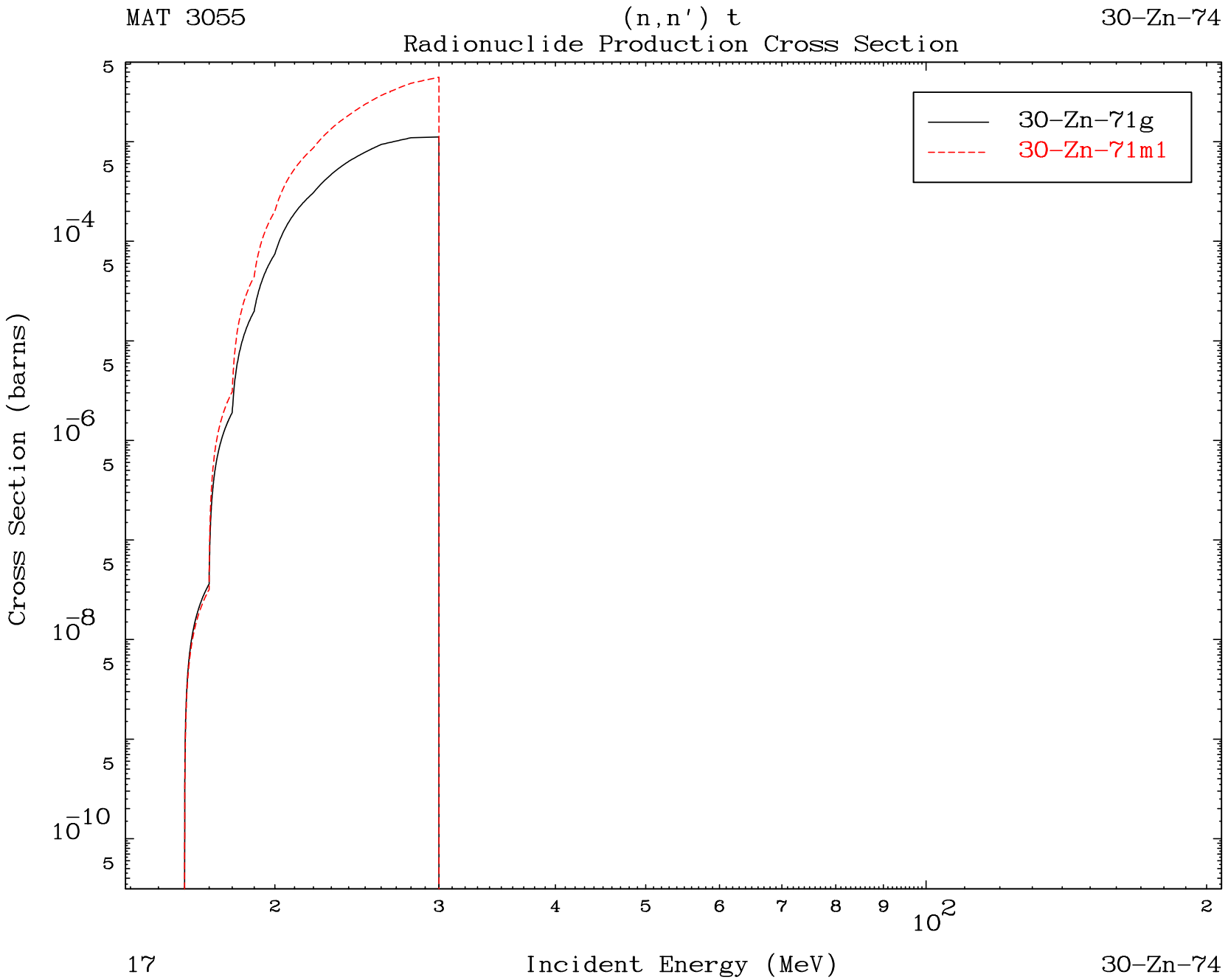

MAT 3055
Inelastic
30-Zn-74
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
12
30-Zn-74

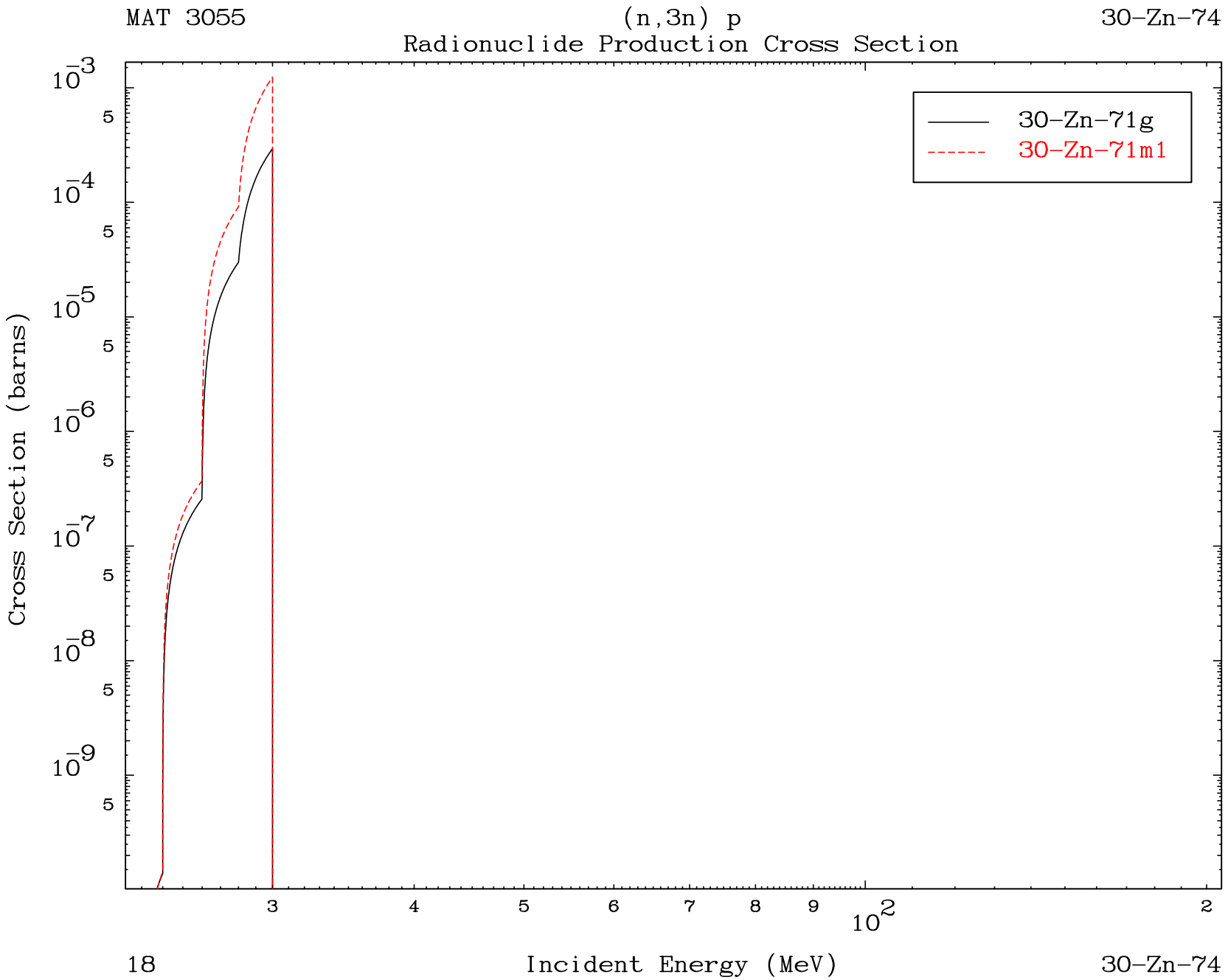

MAT 3055
(n,2n) d
30-Zn-74
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
30-Zn-74

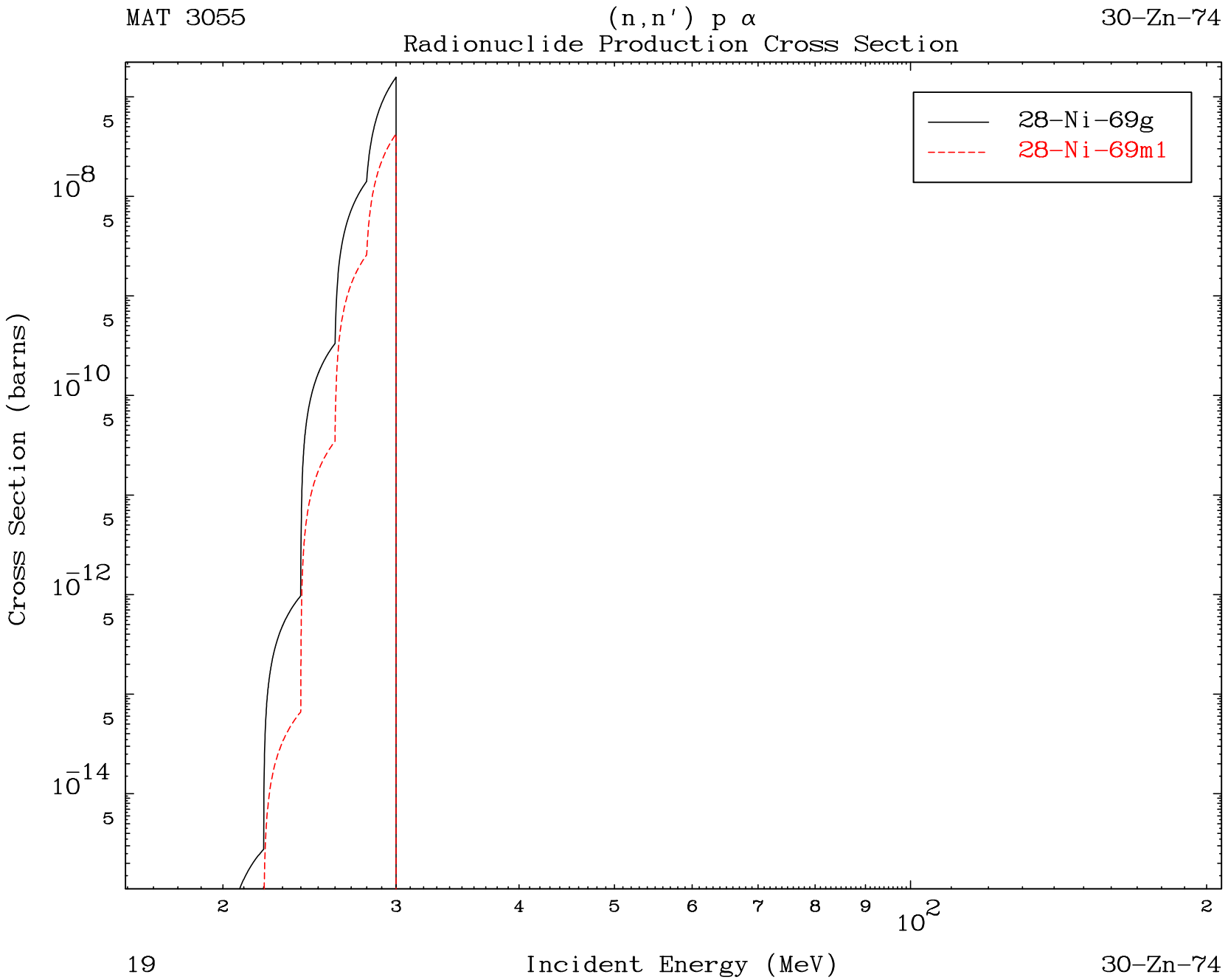

MAT 3055
(n,2n)
30-Zn-74
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
31-Ga-73g
31-Ga-73m1
14
30-Zn-74

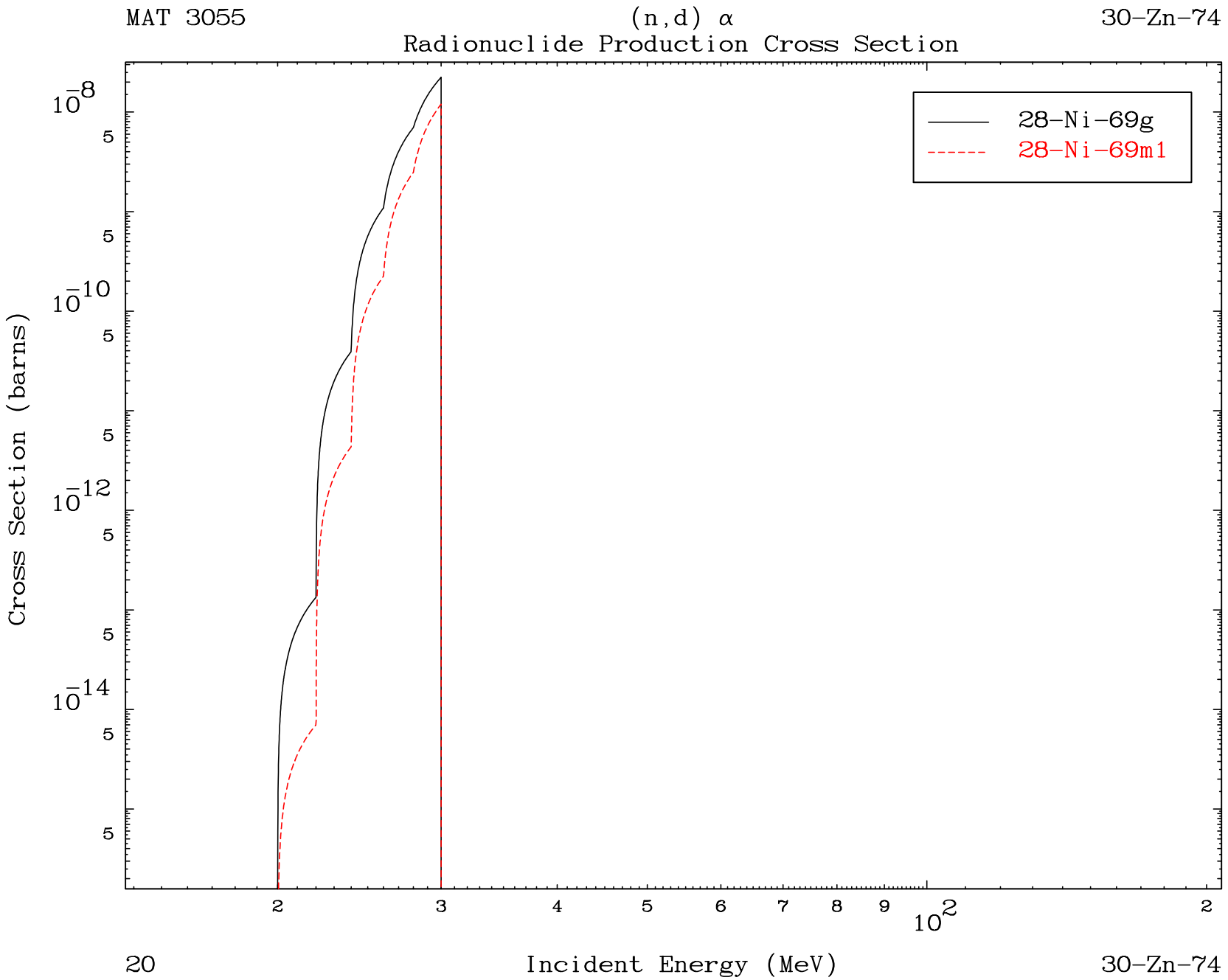

MAT 3055
(n,n') α
30-Zn-74
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
Incident Energy (MeV)
15
30-Zn-74


MAT 3055
(n,3n) α
30-Zn-74
Radionuclide Production Cross Section
29-Cu-68g
29-Cu-68m3
Cross Section (barns)
Incident Energy (MeV)
16
30-Zn-74


MAT 3055
(n,n') t
30-Zn-74
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
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-74


MAT 3055
(n,3n) p
30-Zn-74
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
18
30-Zn-74


MAT 3055
(n,n') p α
30-Zn-74
Radionuclide Production Cross Section
28-Ni-69g
28-Ni-69m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
19
30-Zn-74


MAT 3055
(n,d) α
30-Zn-74
Radionuclide Production Cross Section
28-Ni-69g
28-Ni-69m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
30-Zn-74