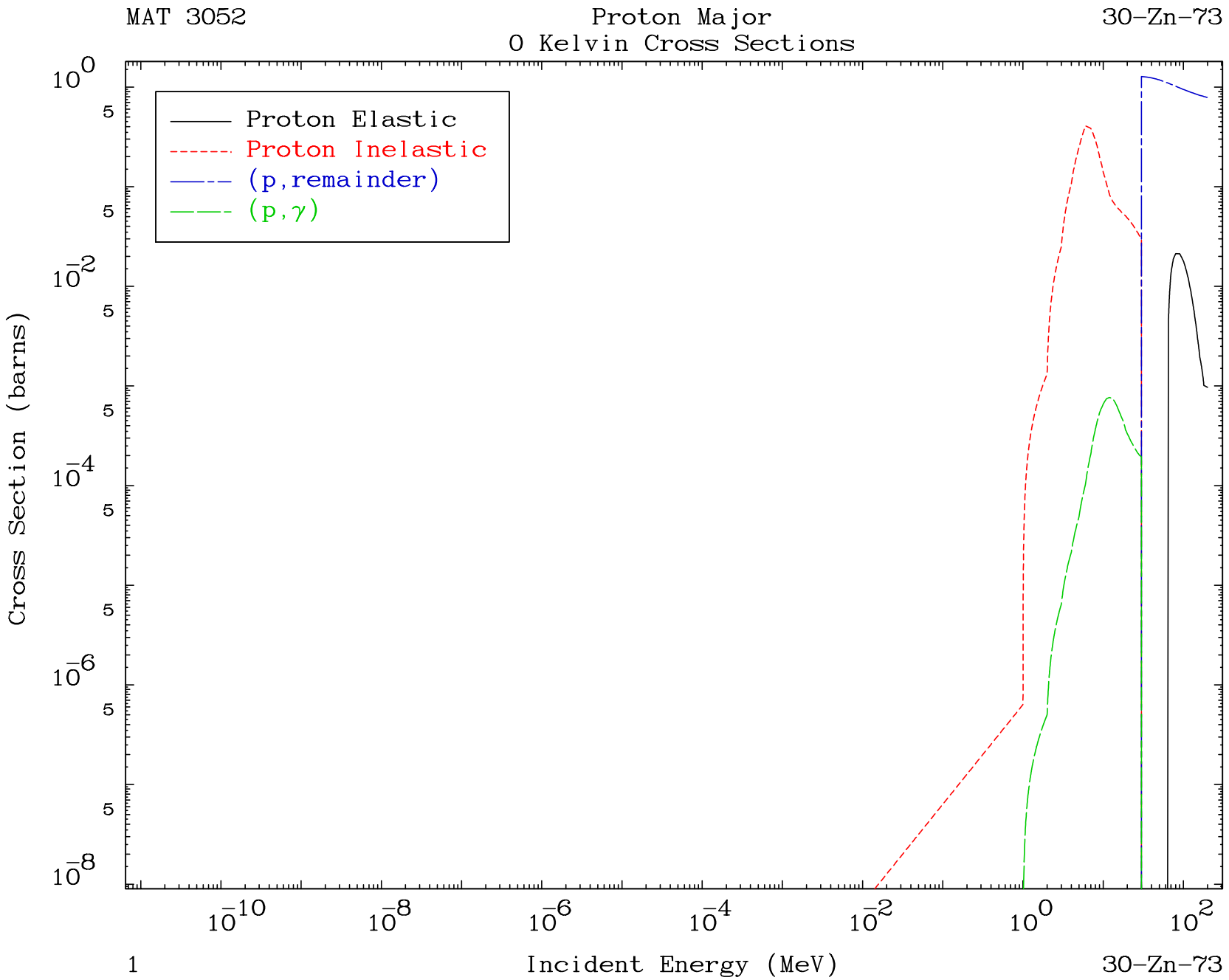
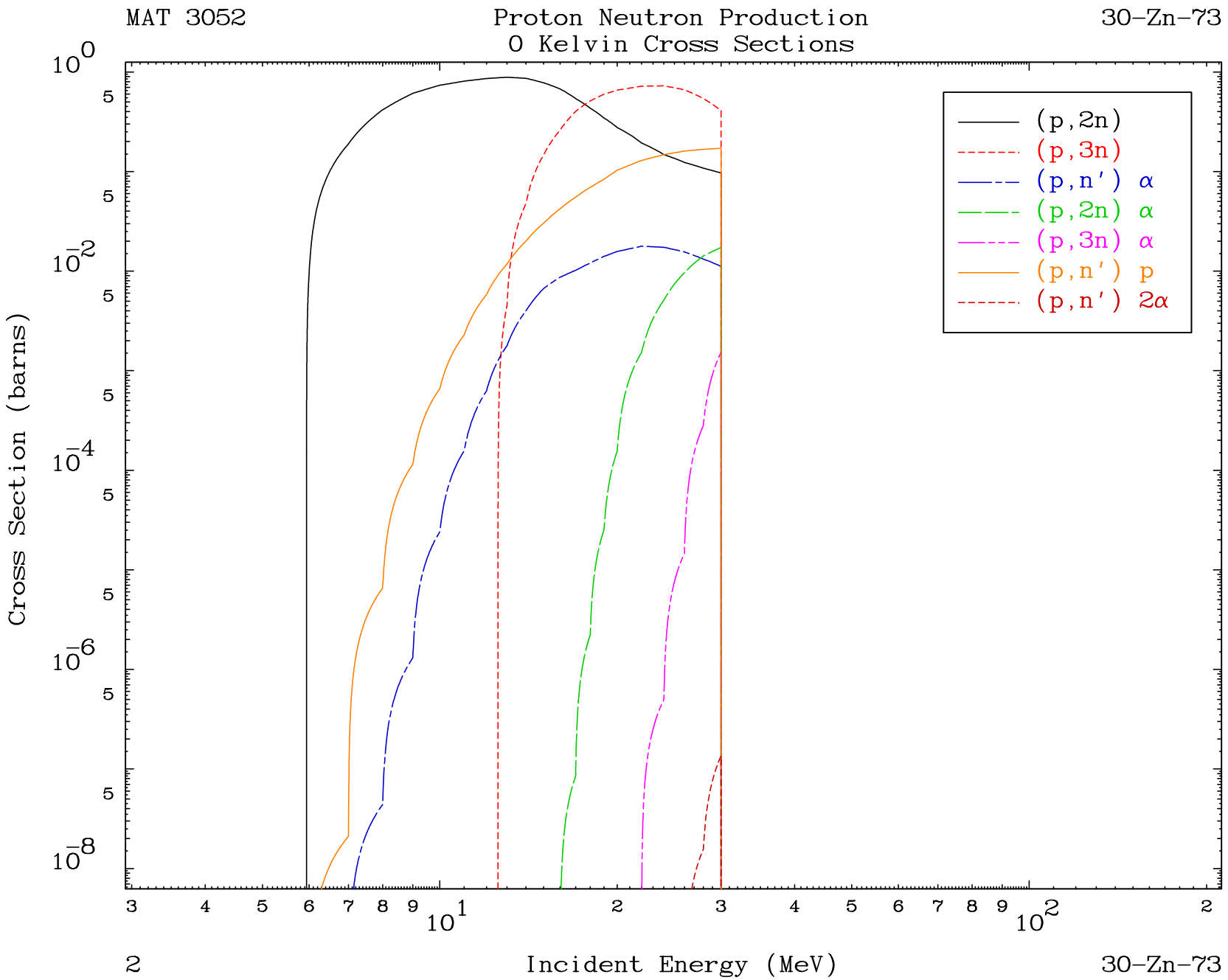
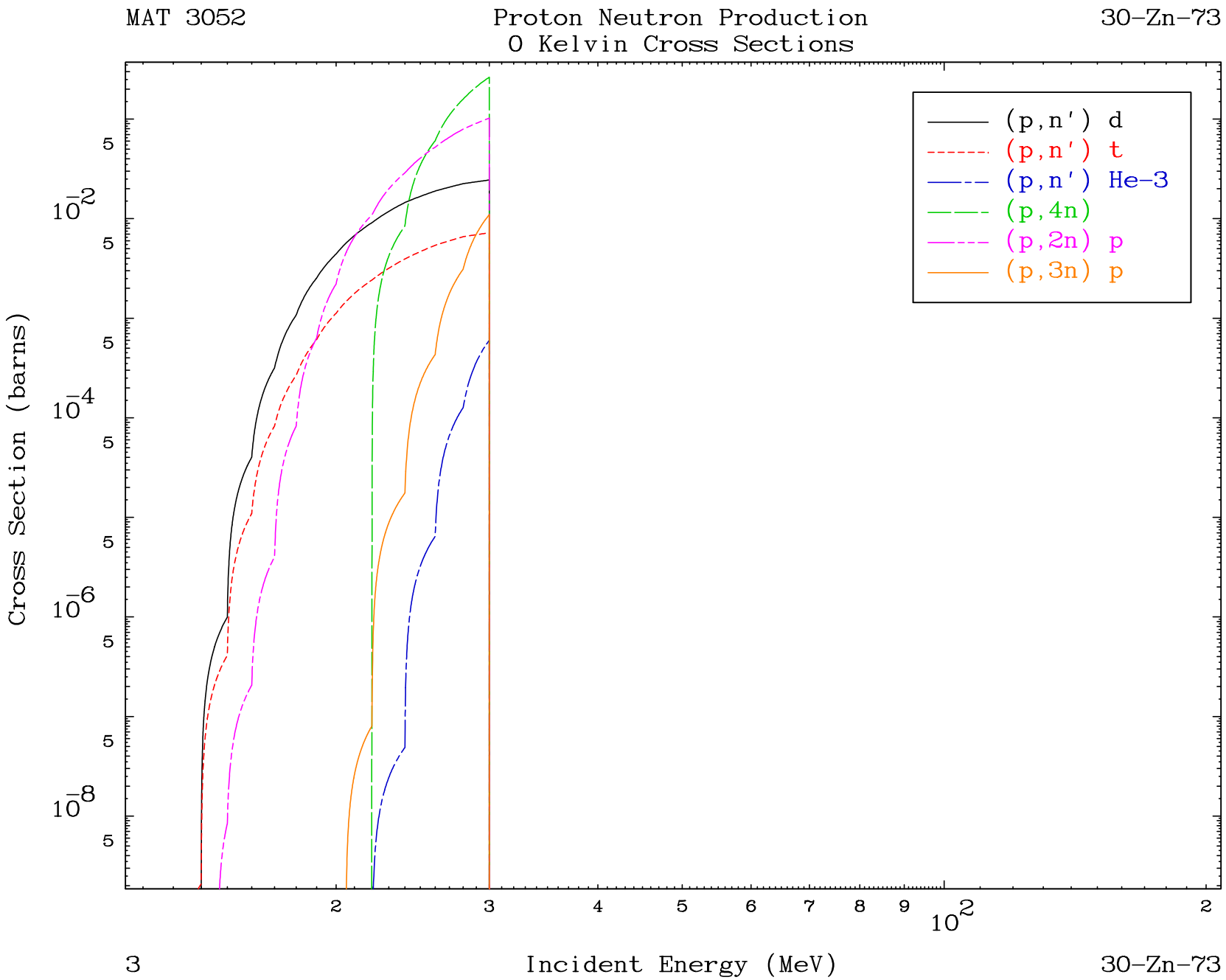
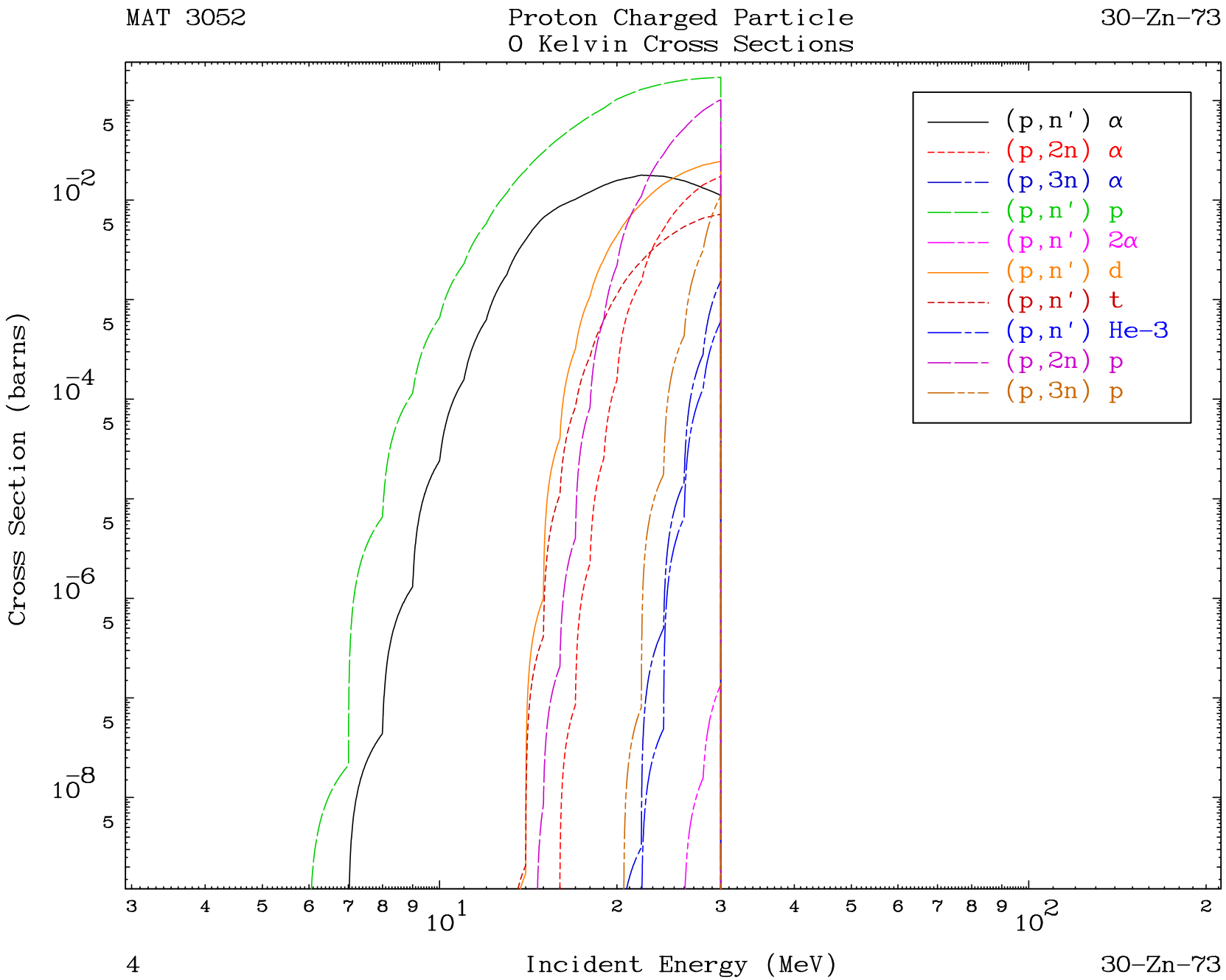
Program EVALPLOT
(Version 2017-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

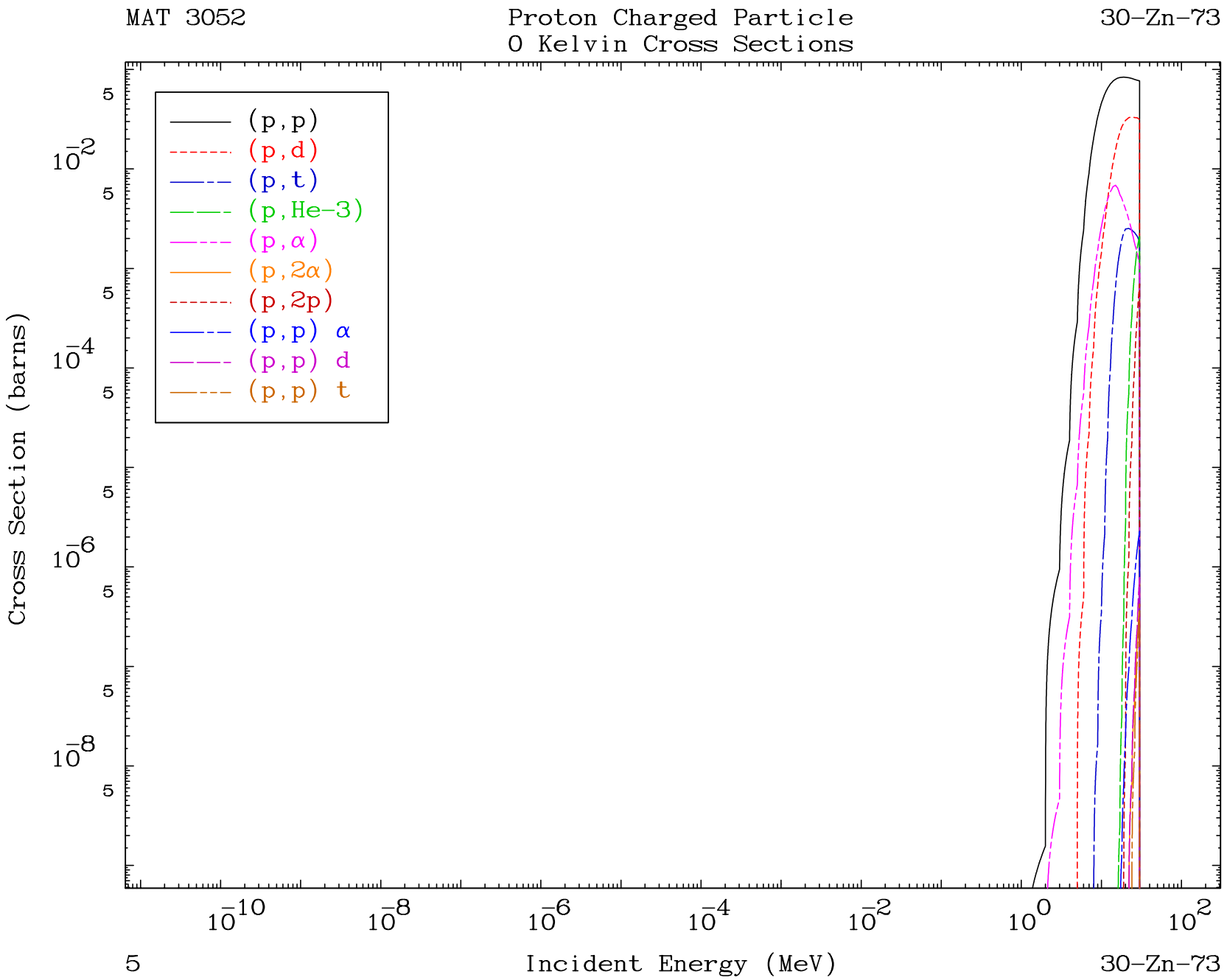
Press Mouse Button to Start

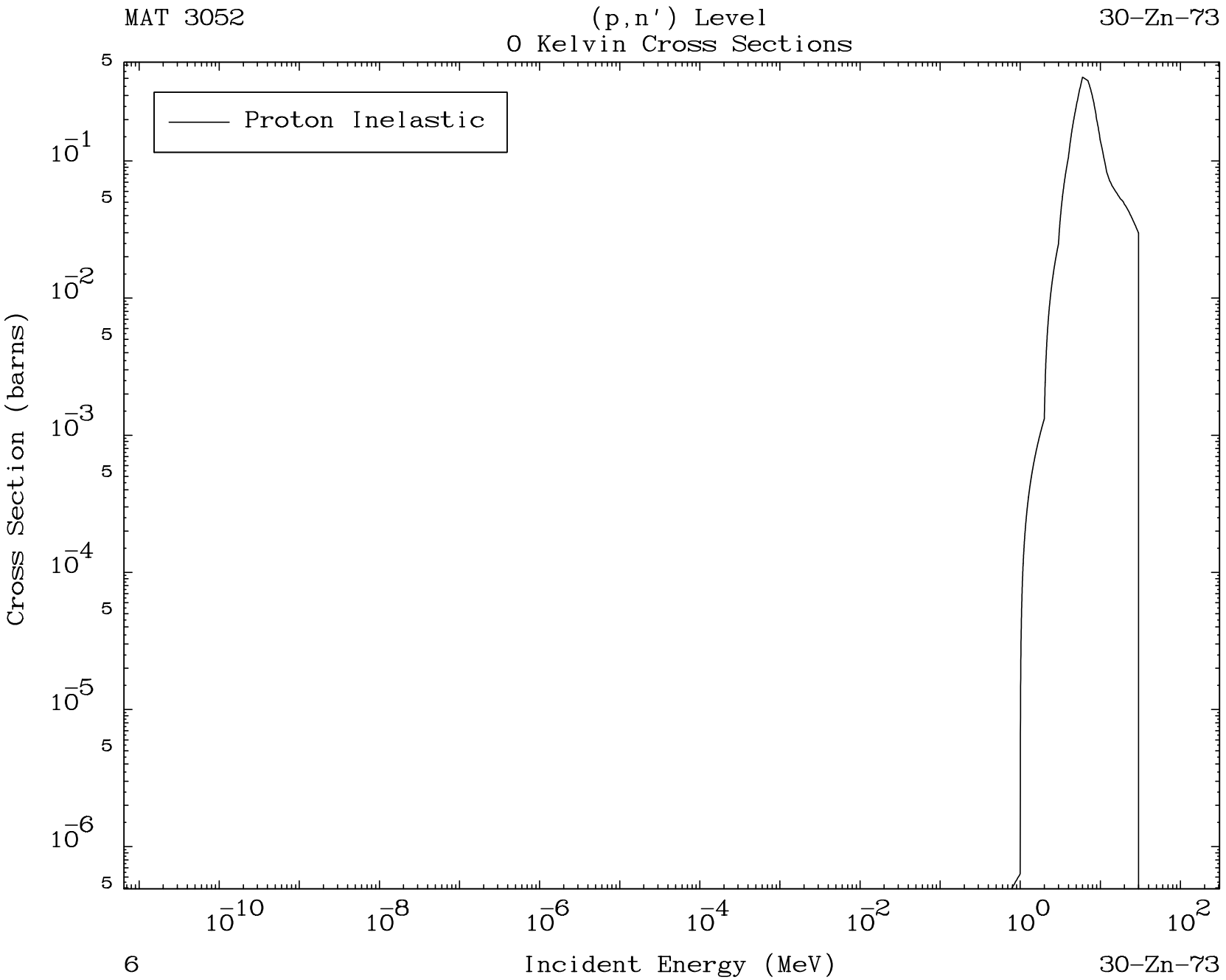

MAT 3052
Proton Major
30-Zn-73
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
30-Zn-73

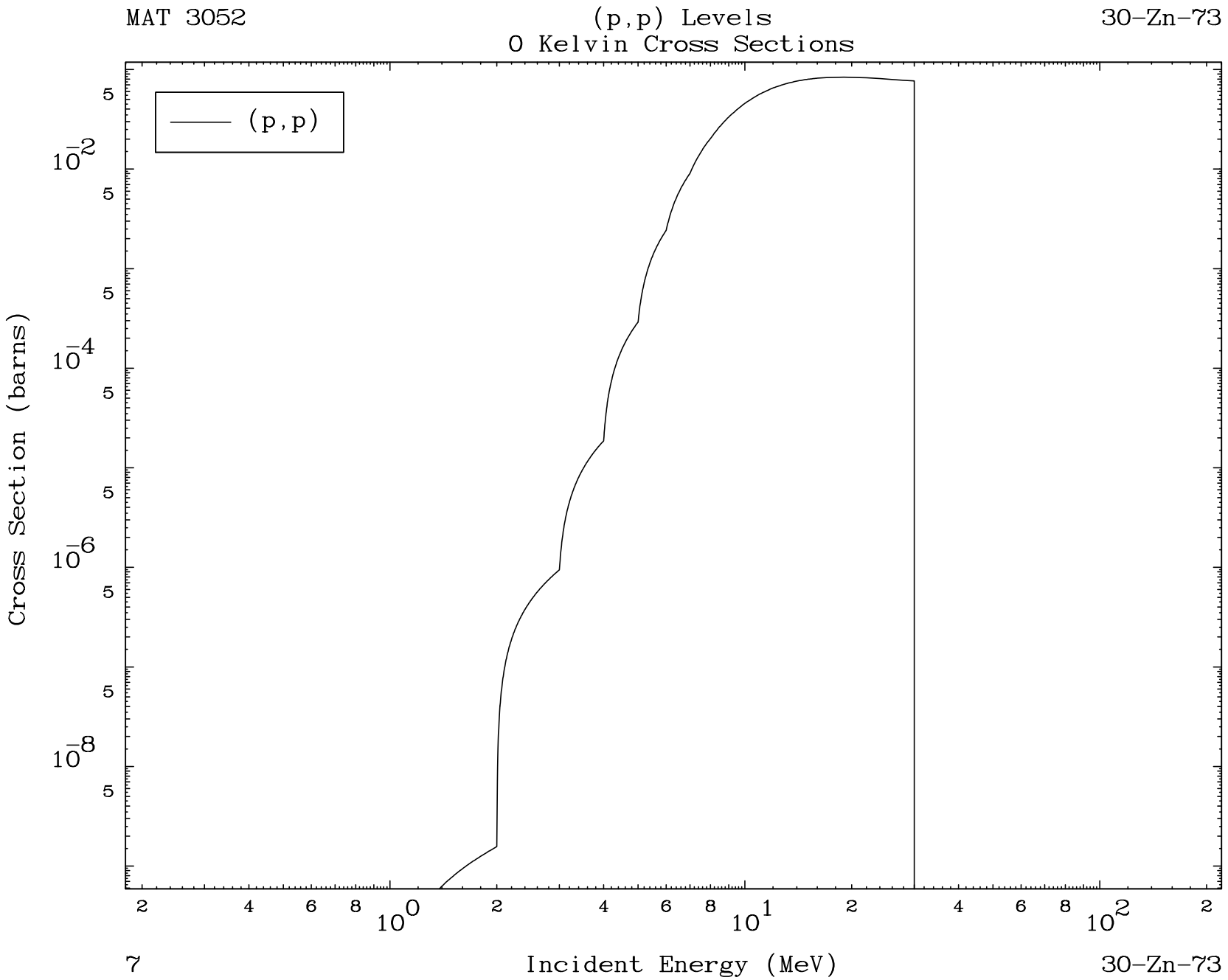

MAT 3052
Proton Neutron Production
0 Kelvin Cross Sections
30-Zn-73
Cross Section (barns)
Incident Energy (MeV)
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α

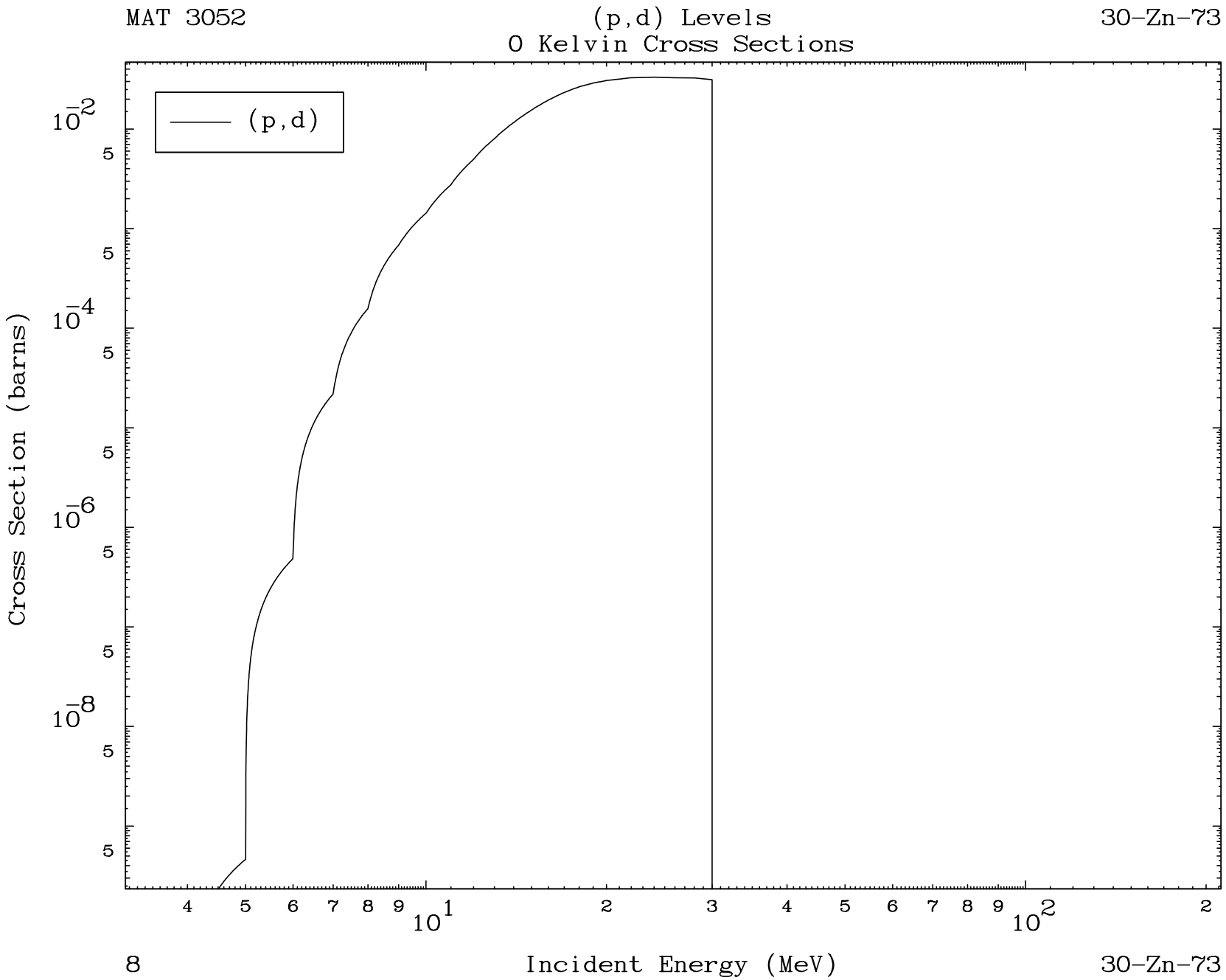

MAT 3052
Proton Neutron Production
0 Kelvin Cross Sections
30-Zn-73
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
30-Zn-73

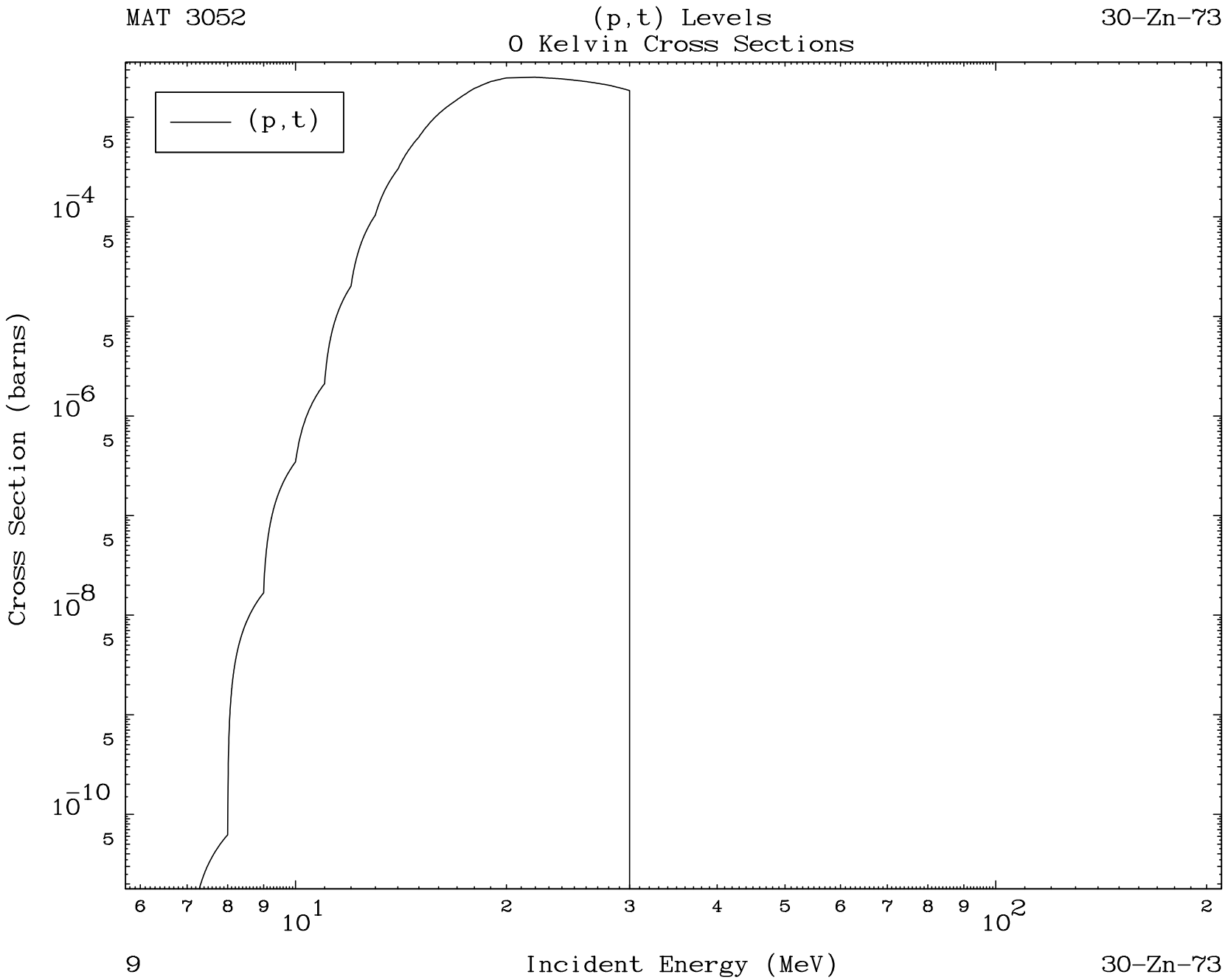

MAT 3052
Proton Charged Particle
0 Kelvin Cross Sections
30-Zn-73
Cross Section (barns)
Incident Energy (MeV)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
4
30-Zn-73

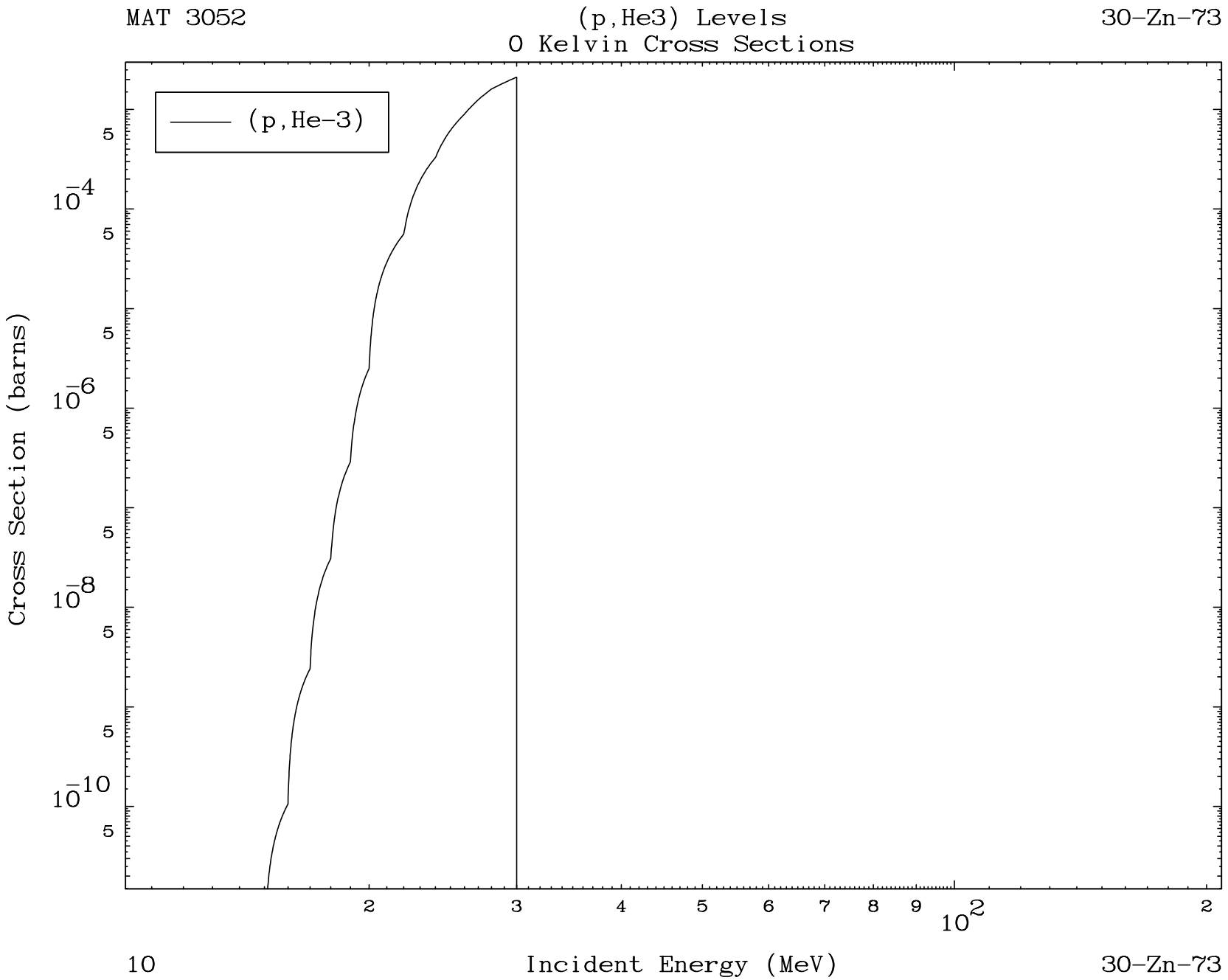

MAT 3052
Proton Charged Particle
0 Kelvin Cross Sections
30-Zn-73
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
30-Zn-73

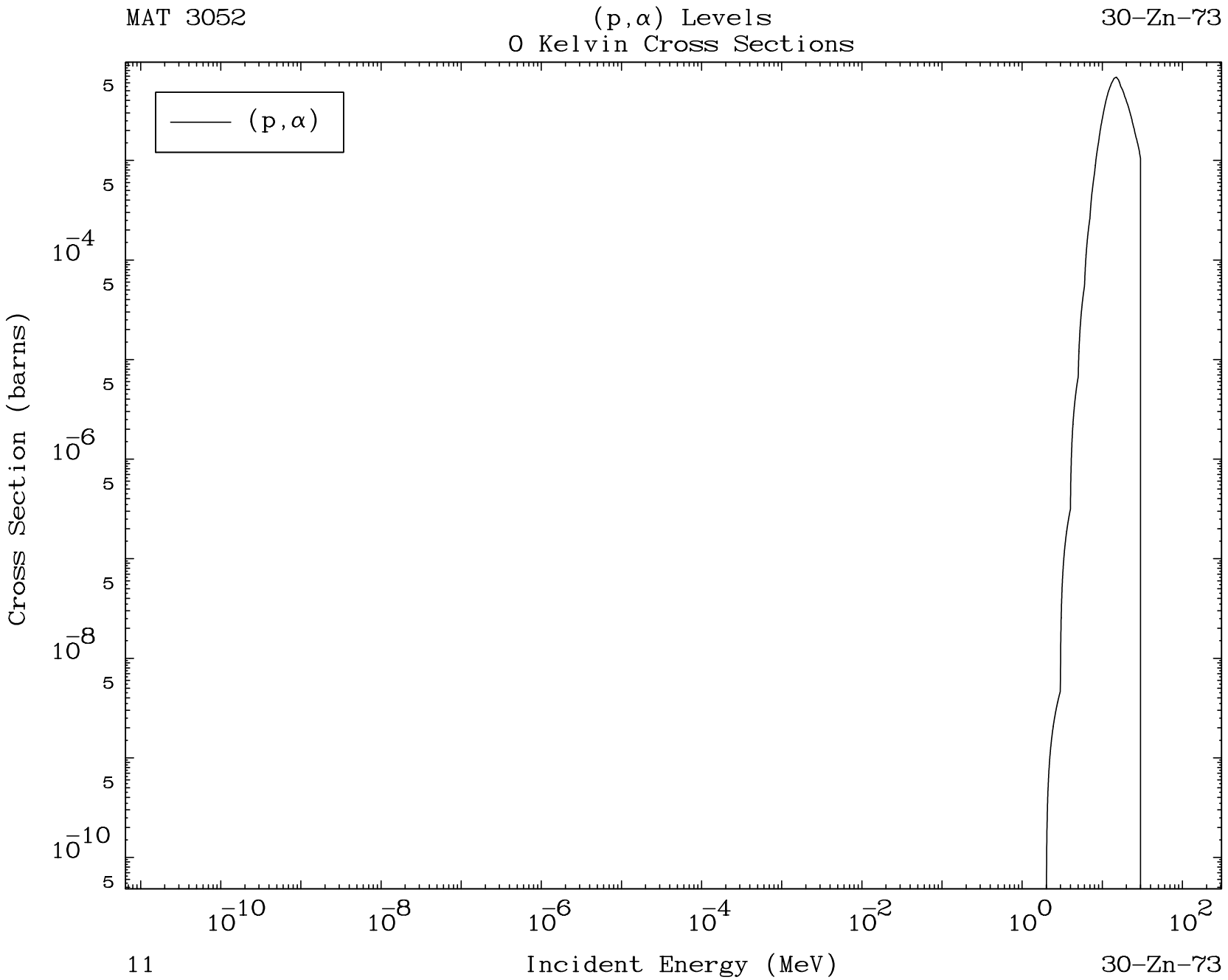

MAT 3052
(p,n') Level
30-Zn-73
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
30-Zn-73

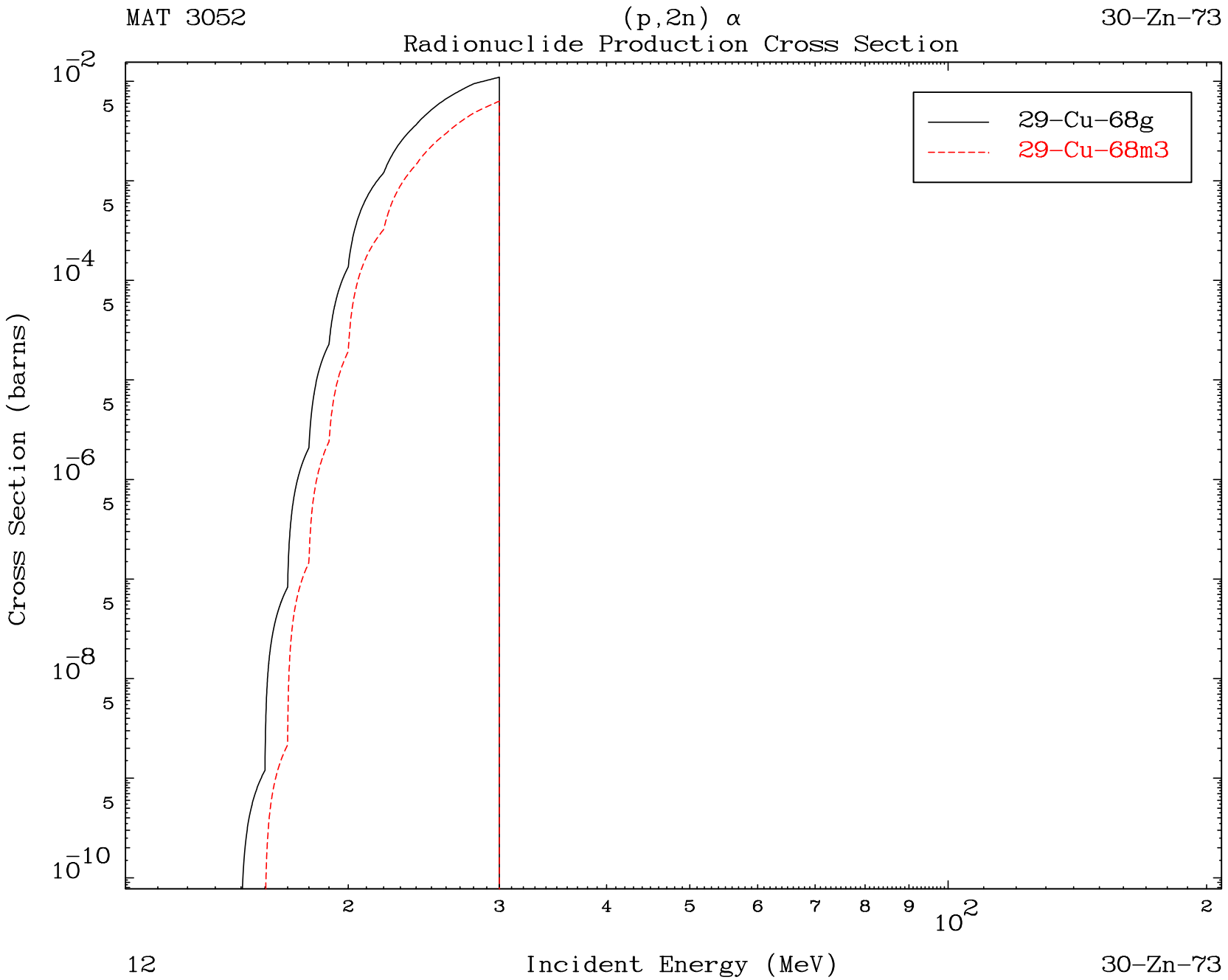

MAT 3052
(p,p) Levels
30-Zn-73
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
30-Zn-73

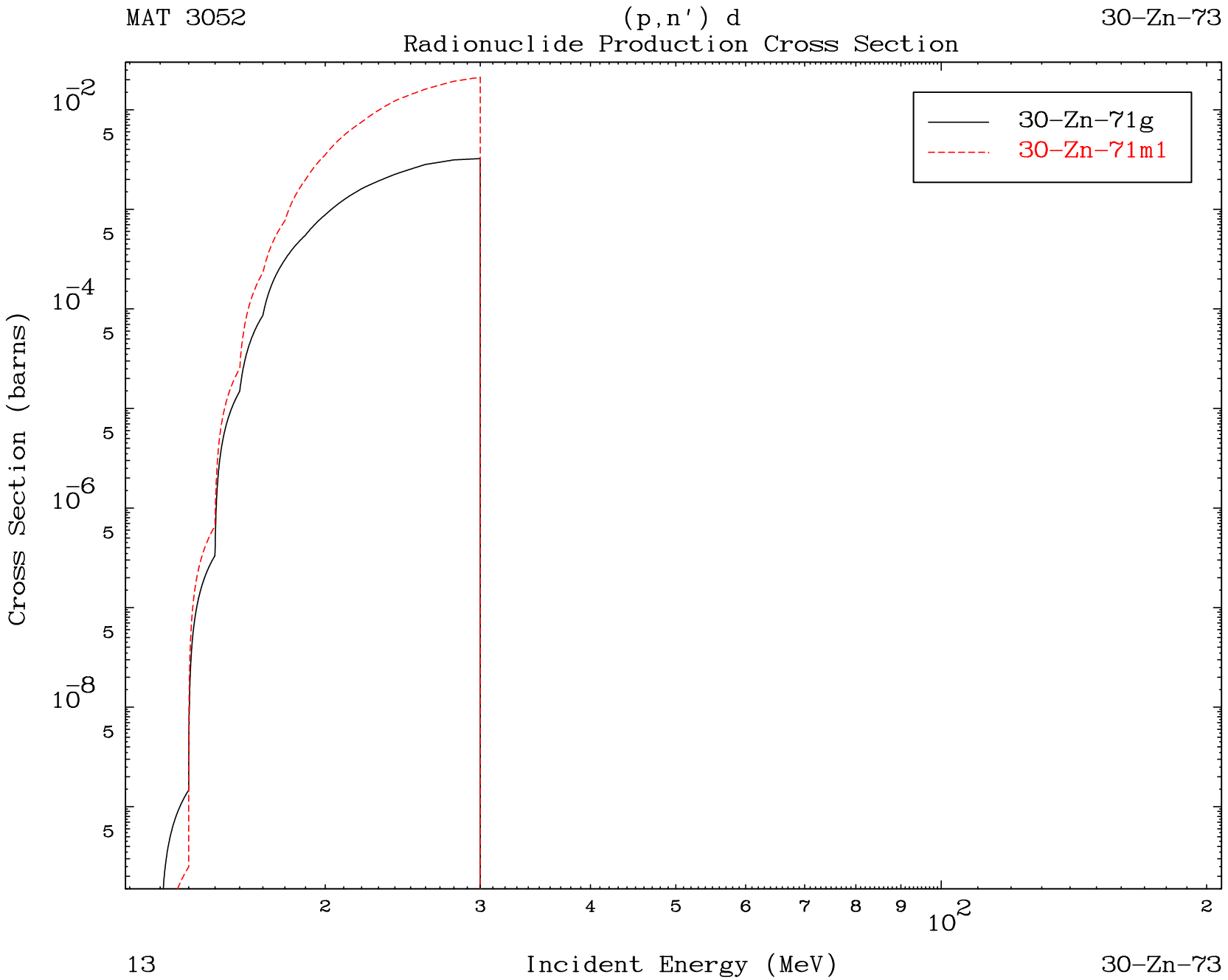

MAT 3052
(p,d) Levels
30-Zn-73
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
30-Zn-73

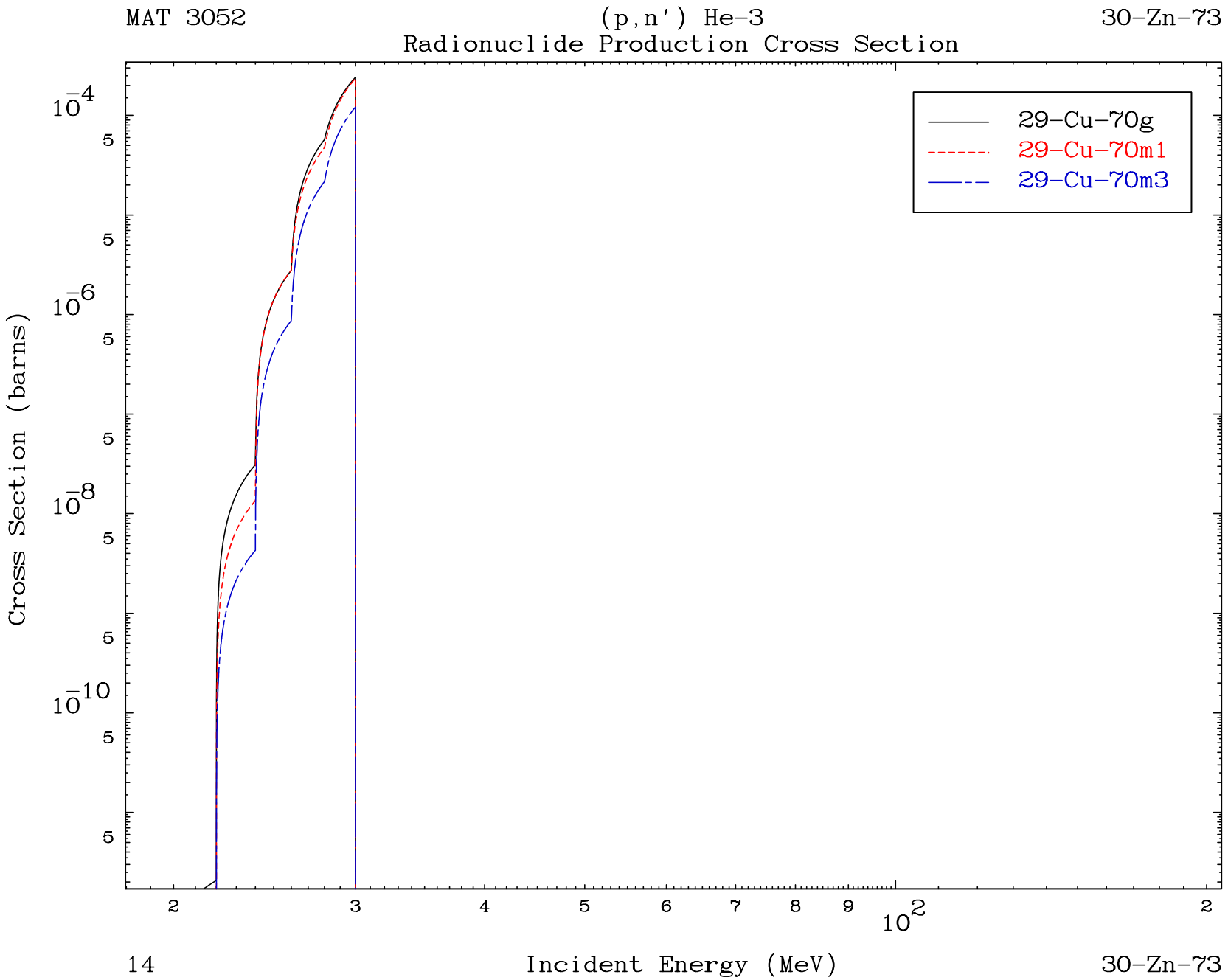

MAT 3052
(p,t) Levels
30-Zn-73
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
30-Zn-73

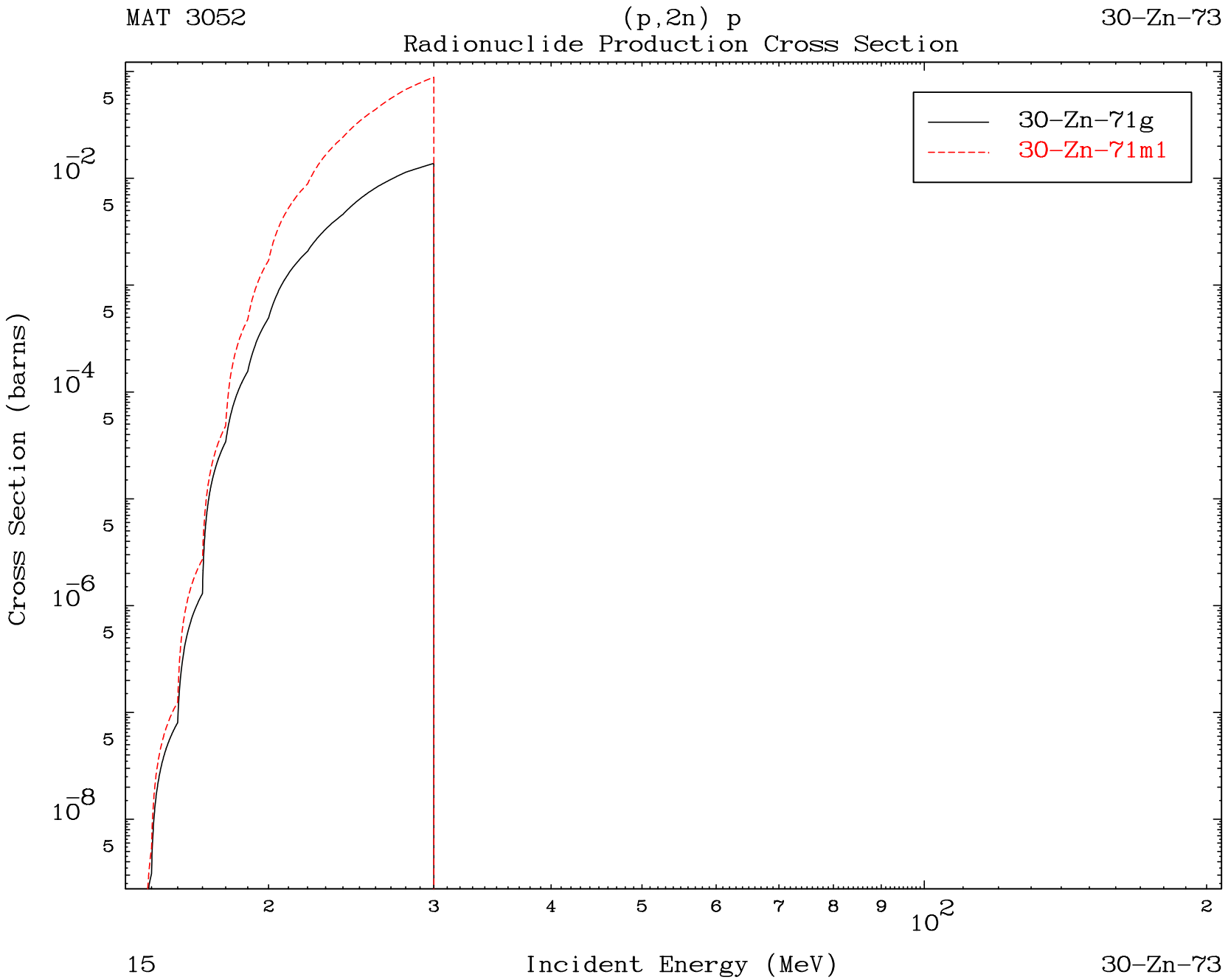

MAT 3052
(p,He3) Levels
30-Zn-73
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
30-Zn-73

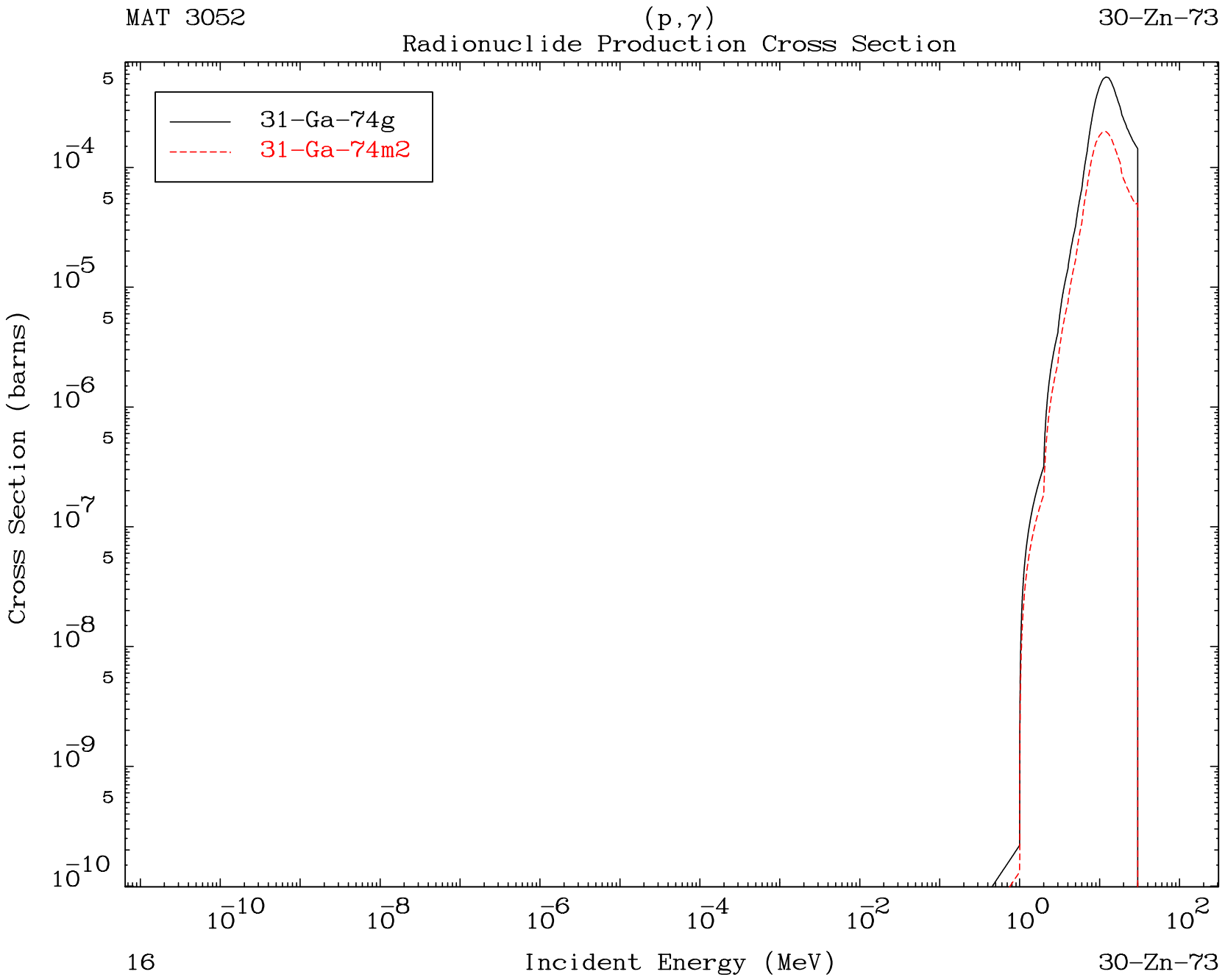

MAT 3052
(p,α) Levels
30-Zn-73
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-73

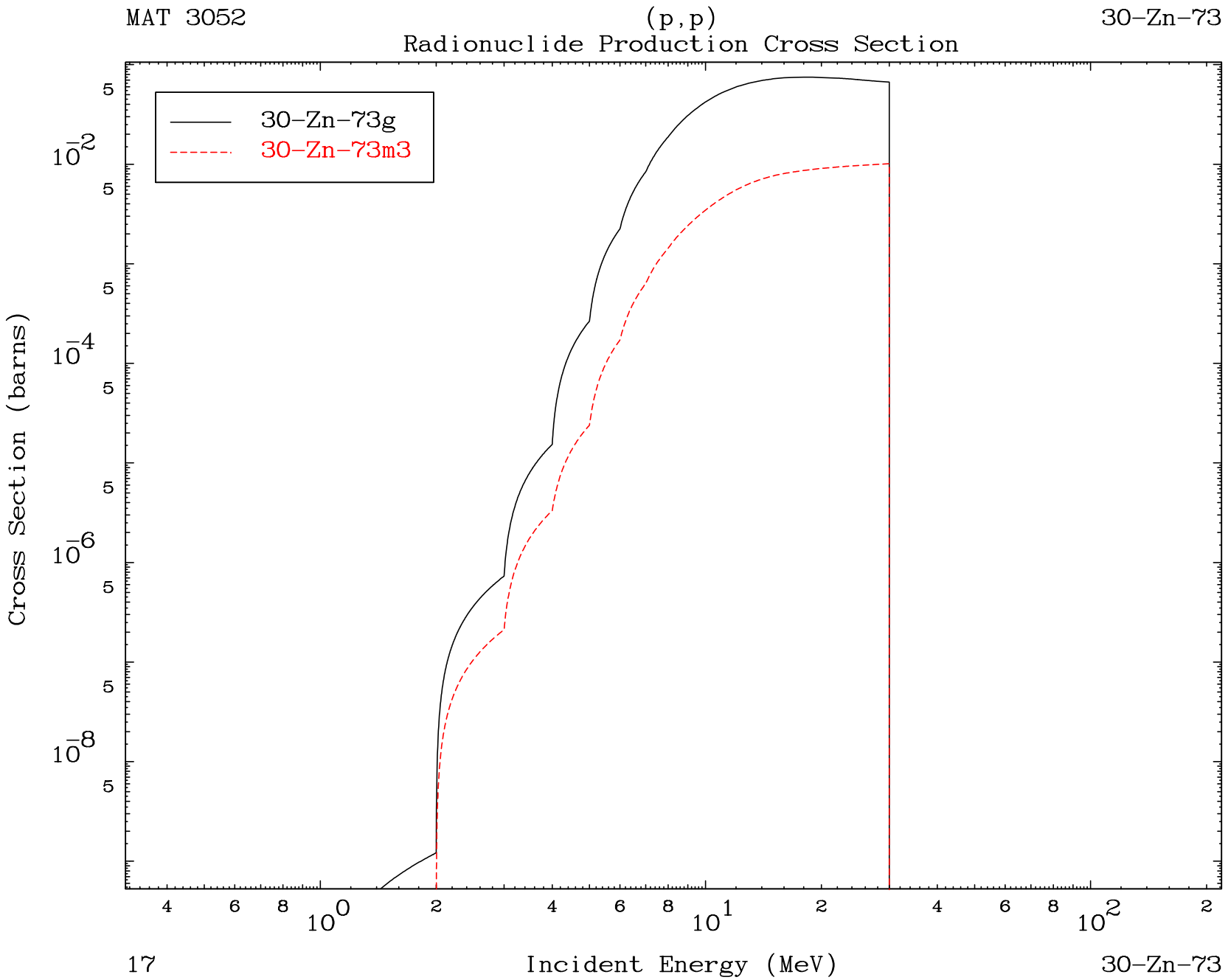

MAT 3052
(p,2n) α
30-Zn-73
Radionuclide Production Cross Section
29-Cu-68g
29-Cu-68m3
Cross Section (barns)
Incident Energy (MeV)
12
30-Zn-73

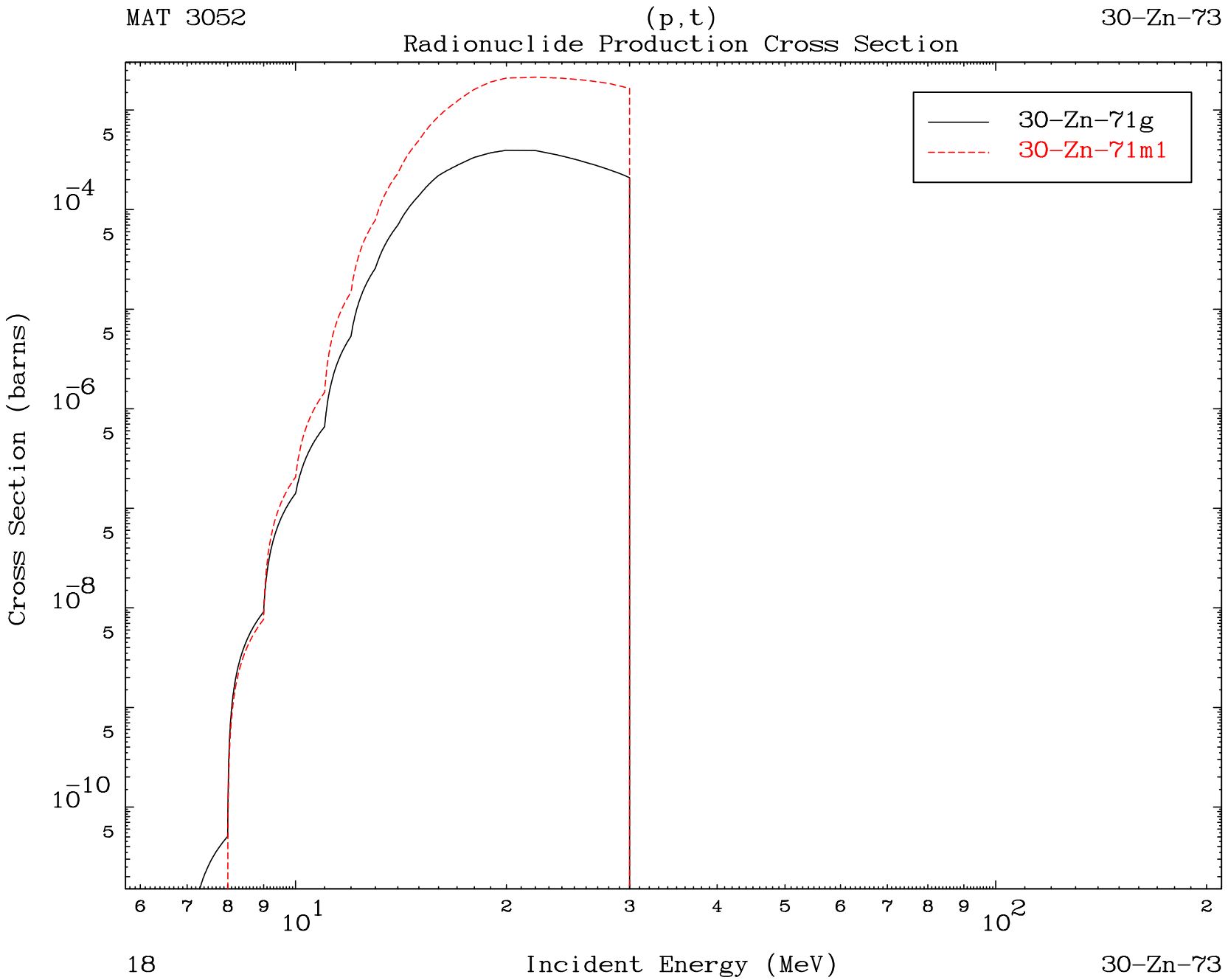

MAT 3052
(p,n') d
30-Zn-73
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
13
30-Zn-73

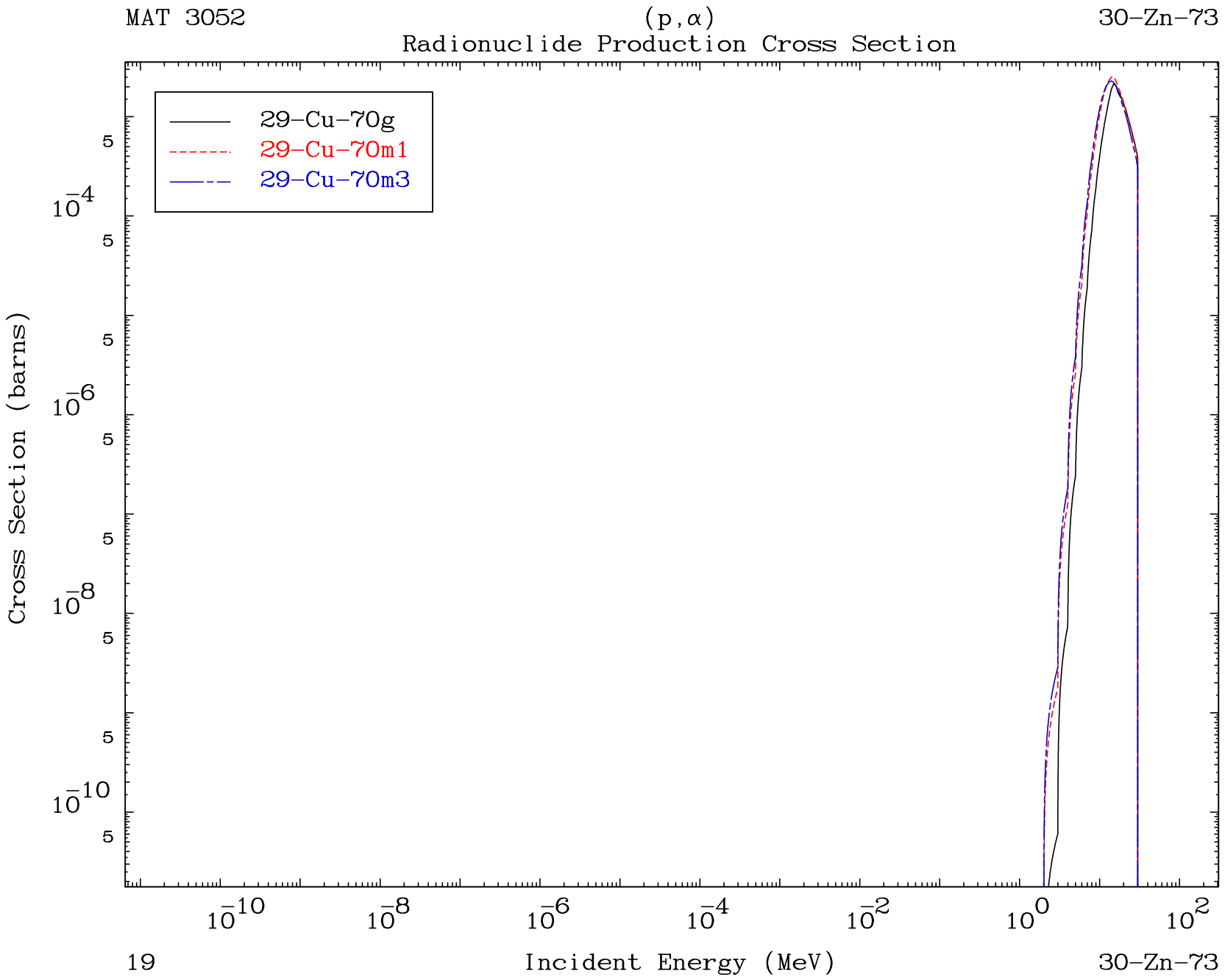

MAT 3052
(p,n') He-3
30-Zn-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
30-Zn-73

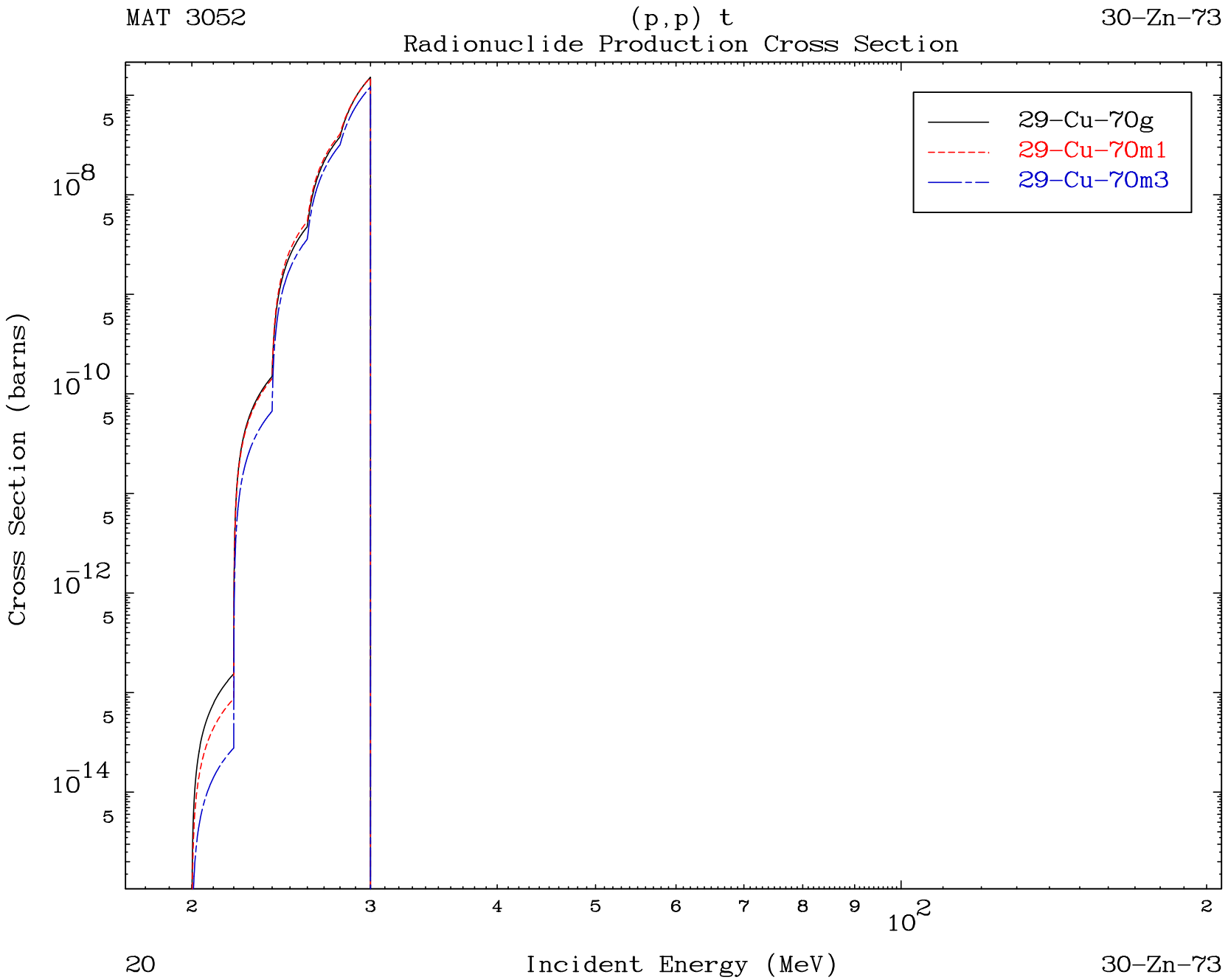

MAT 3052
(p,2n) p
30-Zn-73
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
30-Zn-73


MAT 3052
(p,γ)
30-Zn-73
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
Incident Energy (MeV)
16
30-Zn-73


MAT 3052
(p,p)
30-Zn-73
Radionuclide Production Cross Section
30-Zn-73g
30-Zn-73m3
Cross Section (barns)
Incident Energy (MeV)
17
30-Zn-73


MAT 3052
(p,t)
30-Zn-73
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
18
30-Zn-73


MAT 3052
(p,α)
30-Zn-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
Incident Energy (MeV)
19
30-Zn-73


MAT 3052
(p,p) t
30-Zn-73
Radionuclide Production Cross Section
29-Cu-70g
29-Cu-70m1
29-Cu-70m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
20
30-Zn-73