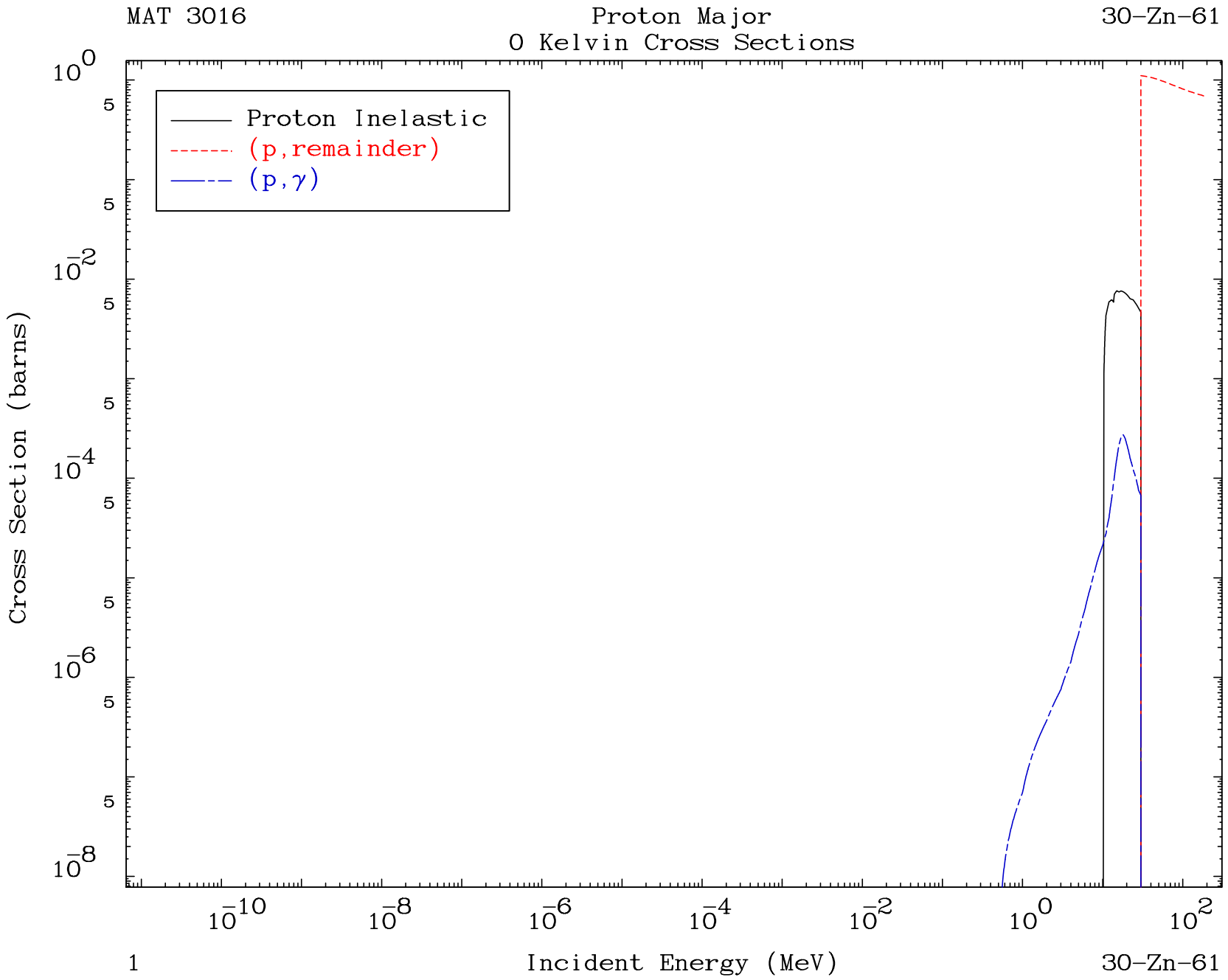
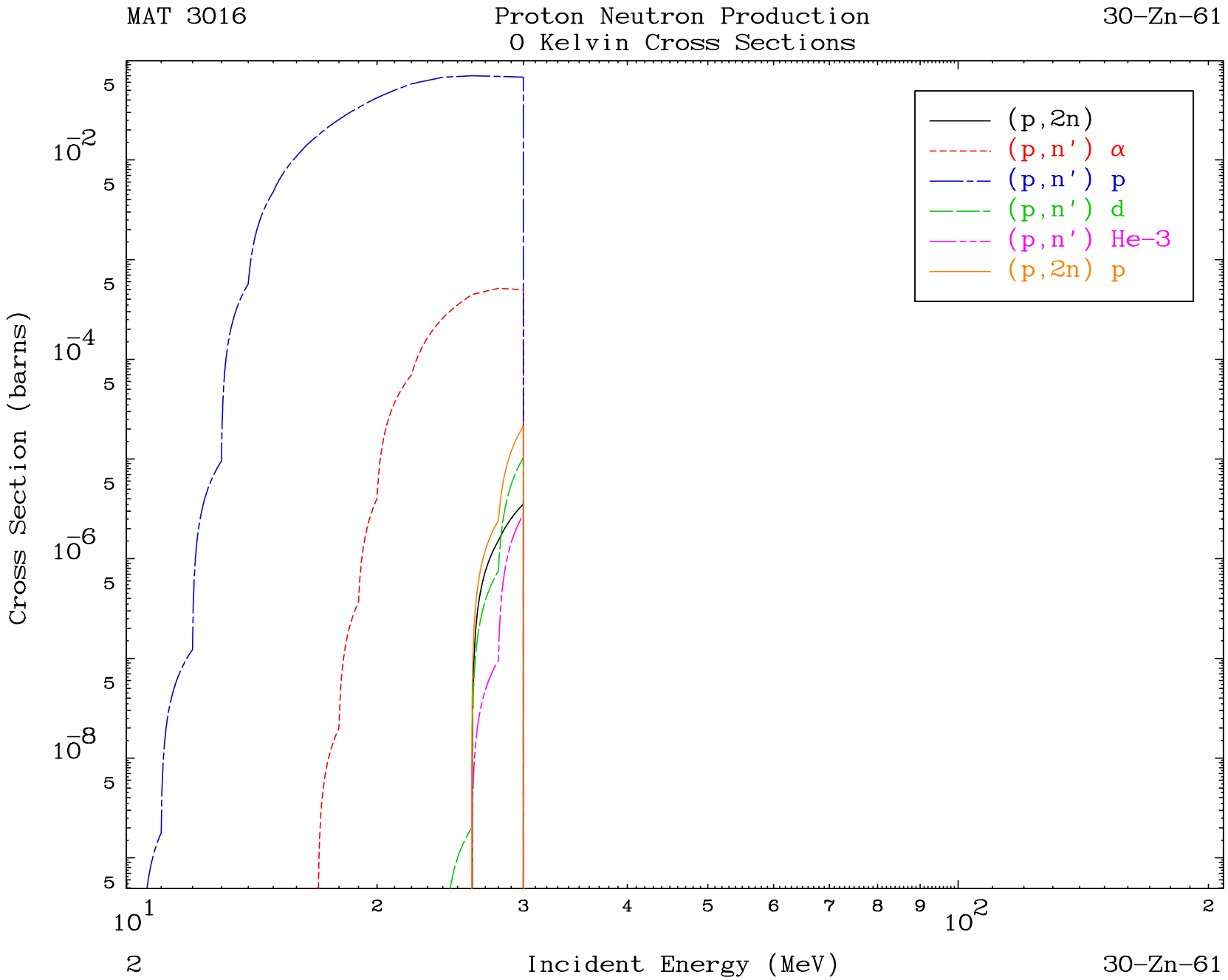
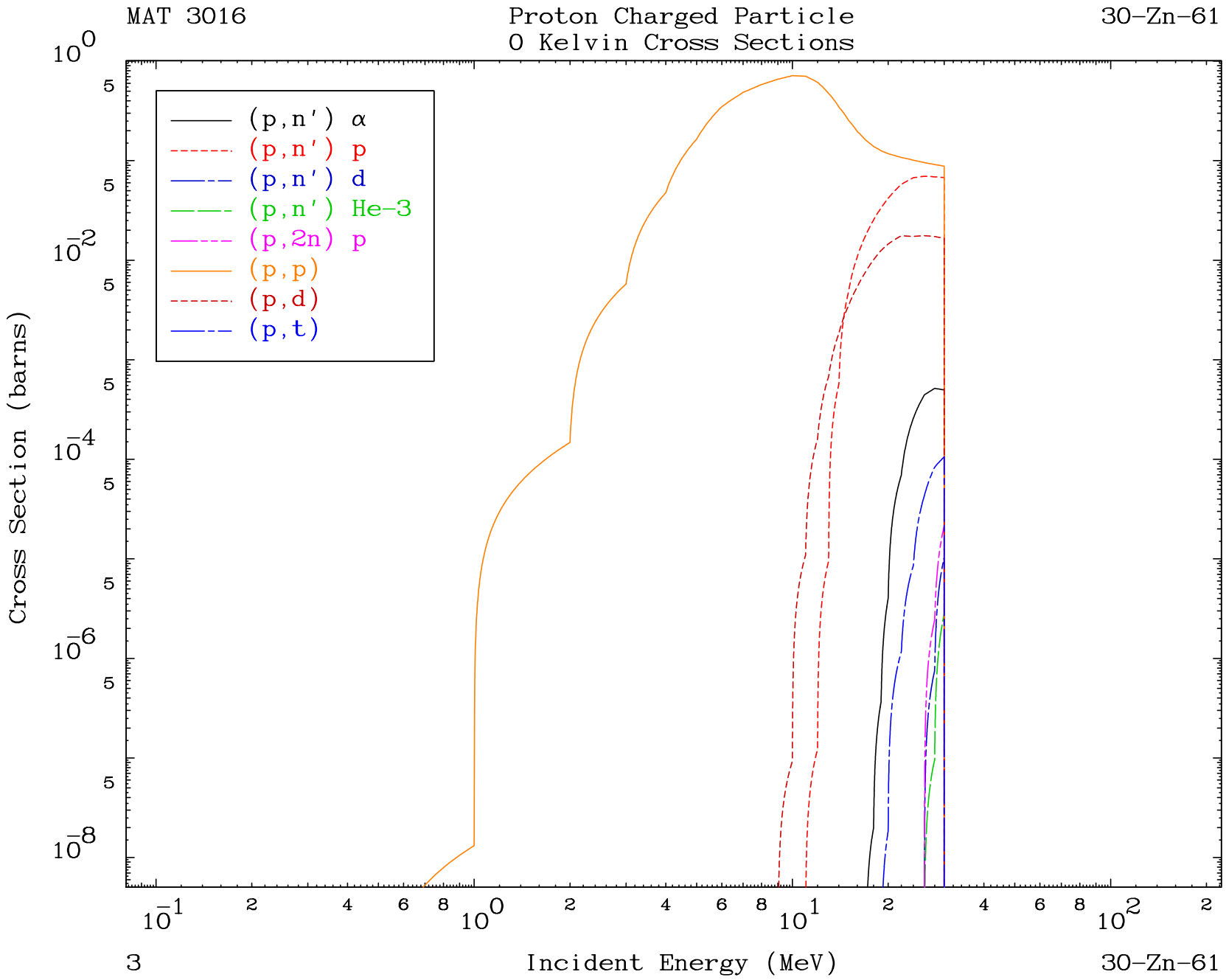
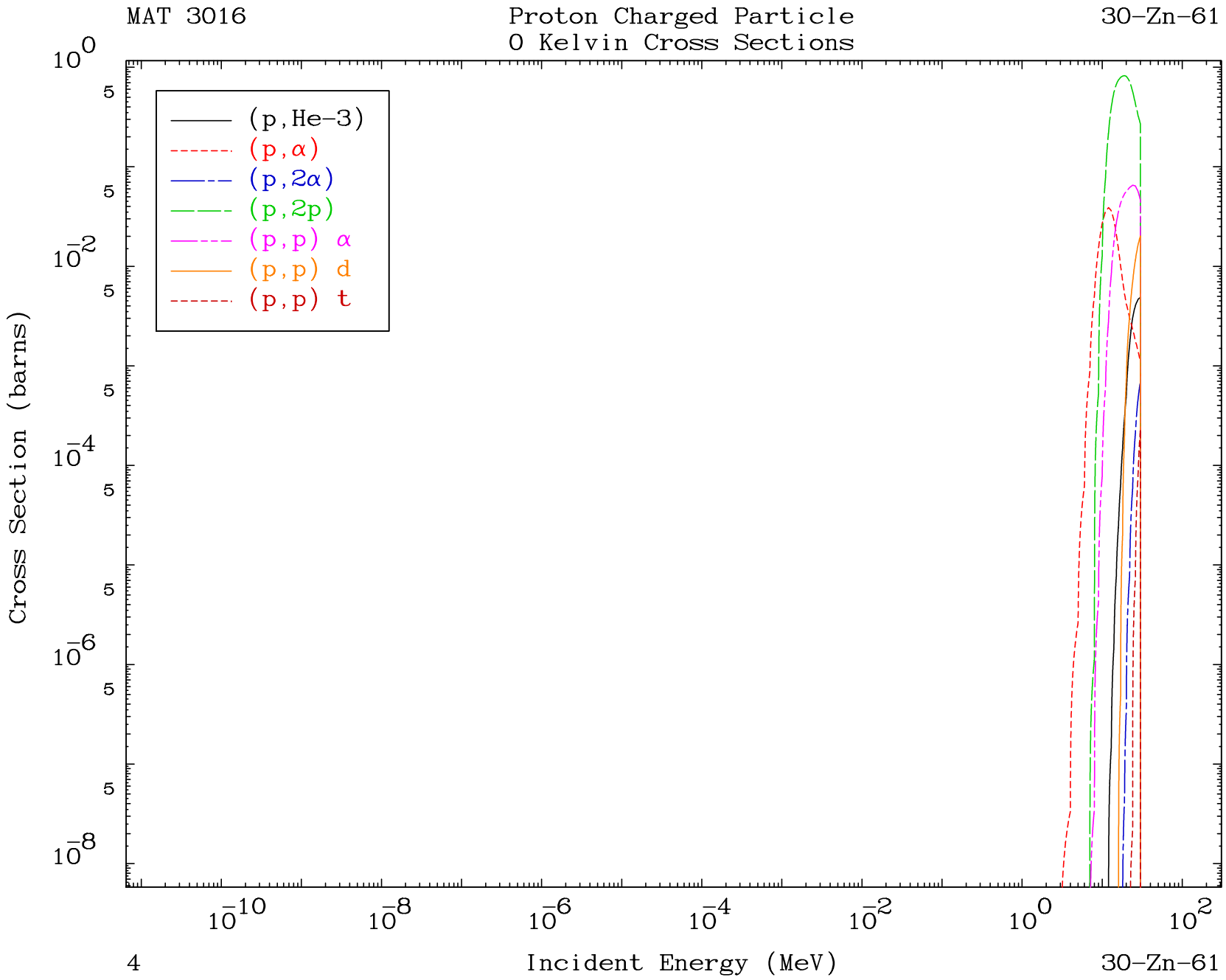
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

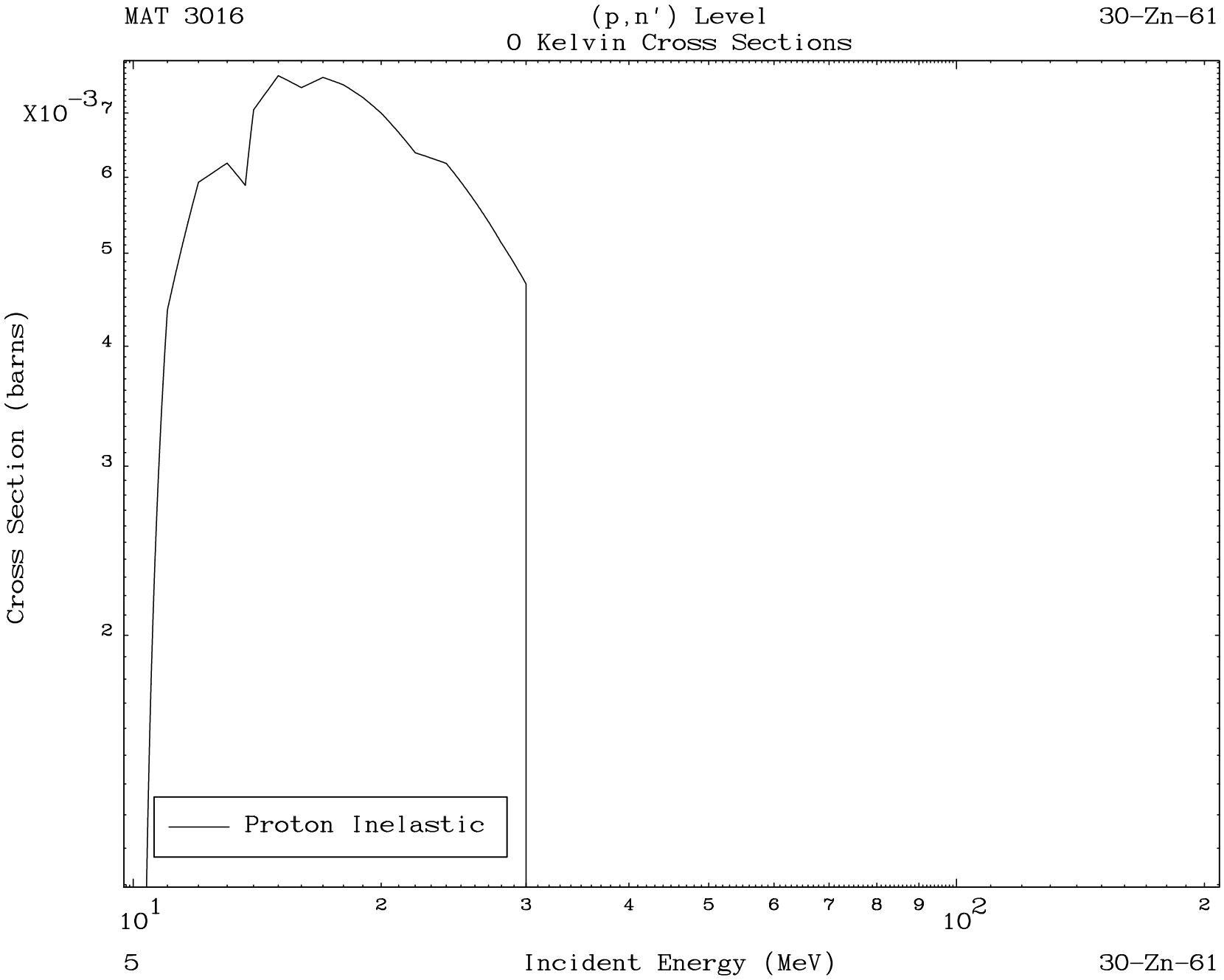
Press Mouse Button to Start

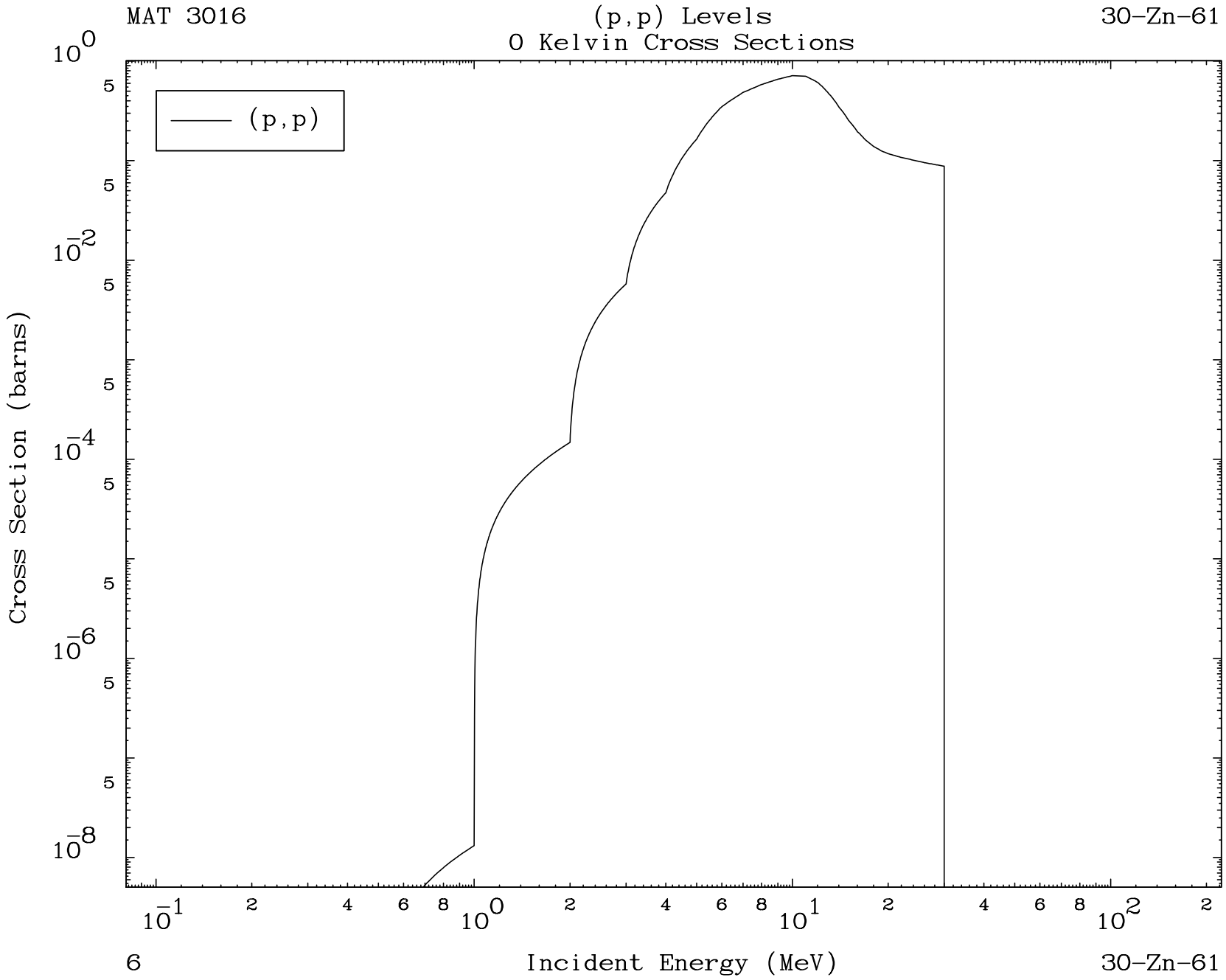

MAT 3016
Proton Major
30-Zn-61
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
30-Zn-61

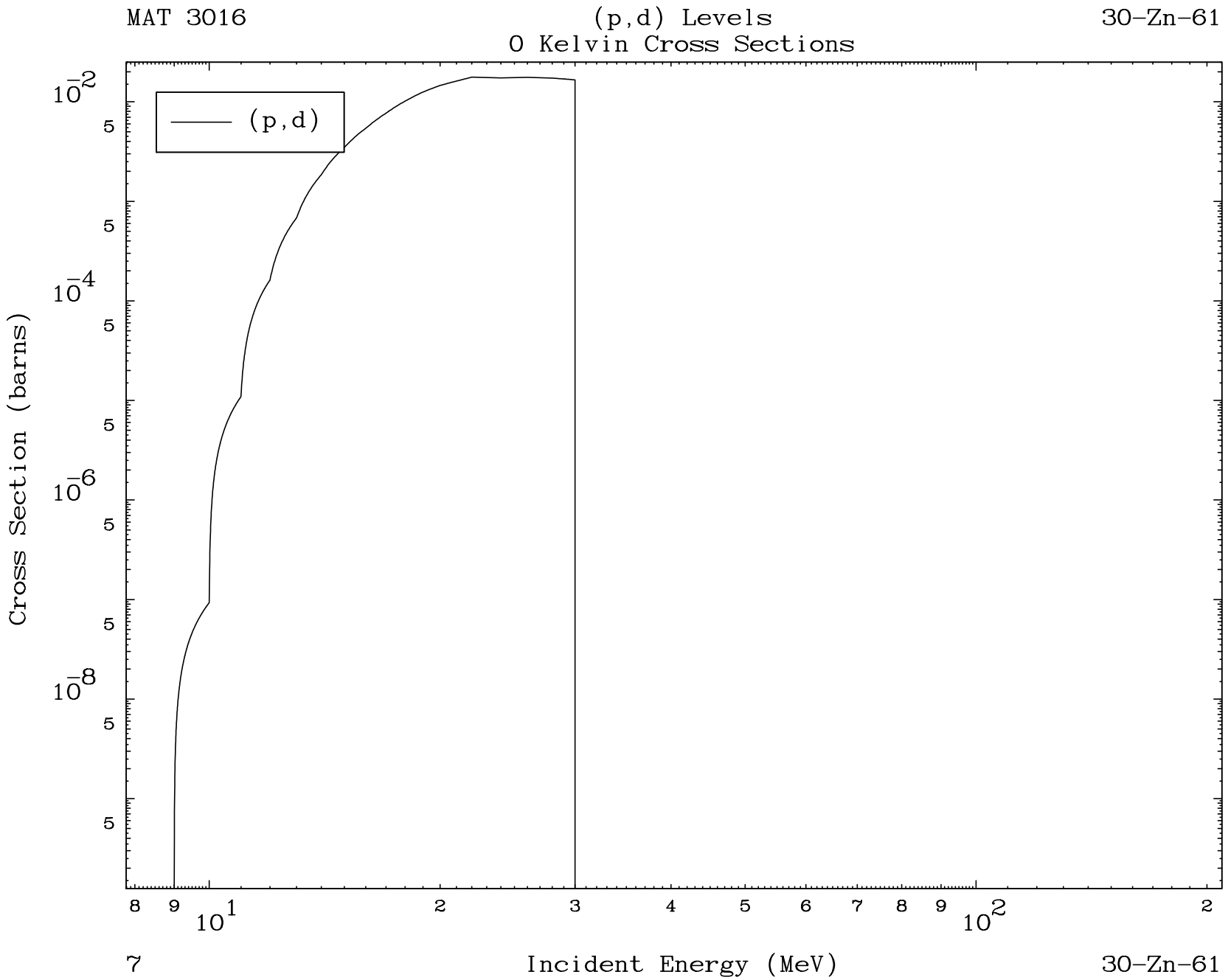

MAT 3016
Proton Neutron Production
0 Kelvin Cross Sections
30-Zn-61
(p,2n)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
30-Zn-61

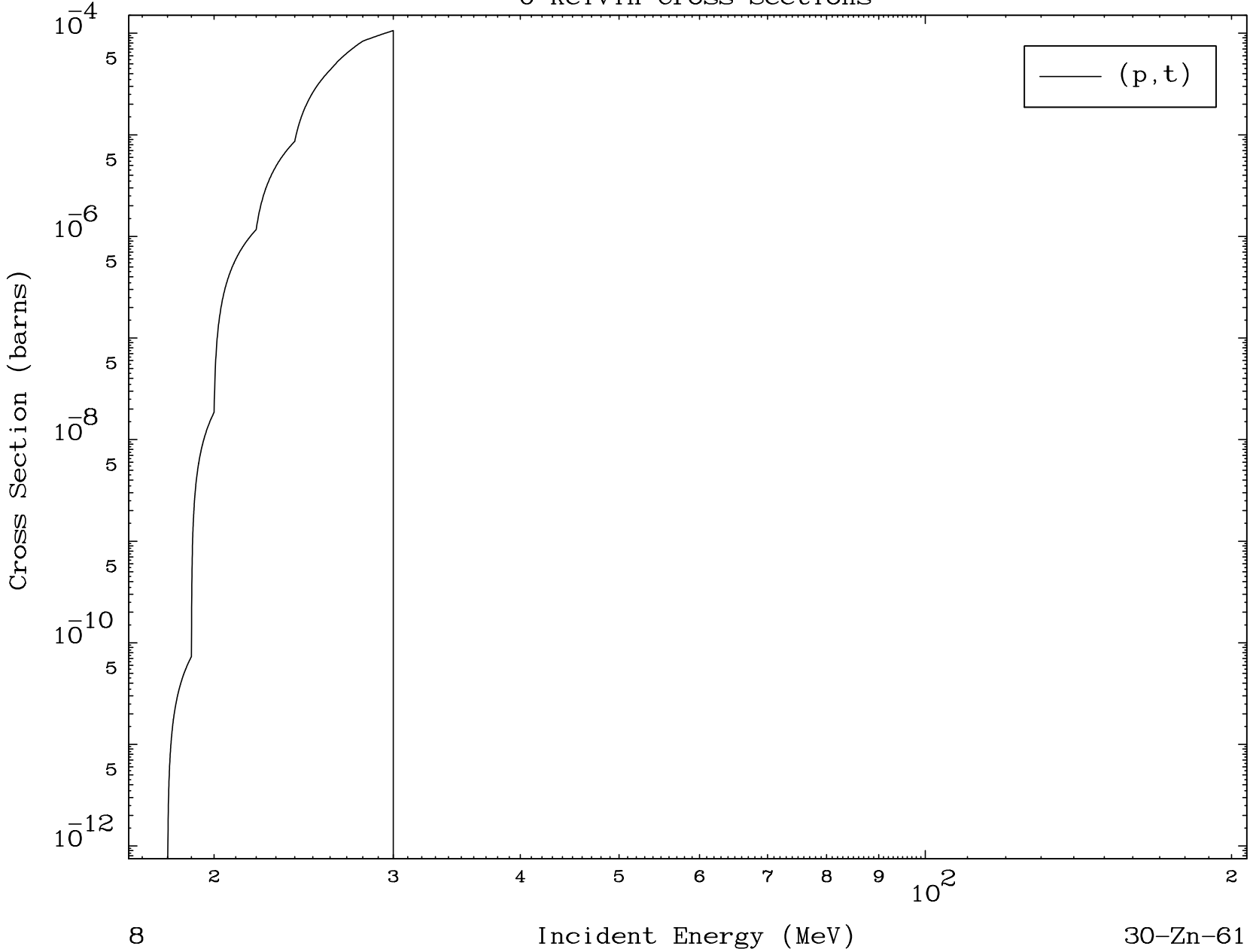

MAT 3016
Proton Charged Particle
0 Kelvin Cross Sections
30-Zn-61
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
(p,t)
Cross Section (barns)
Incident Energy (MeV)
3
30-Zn-61

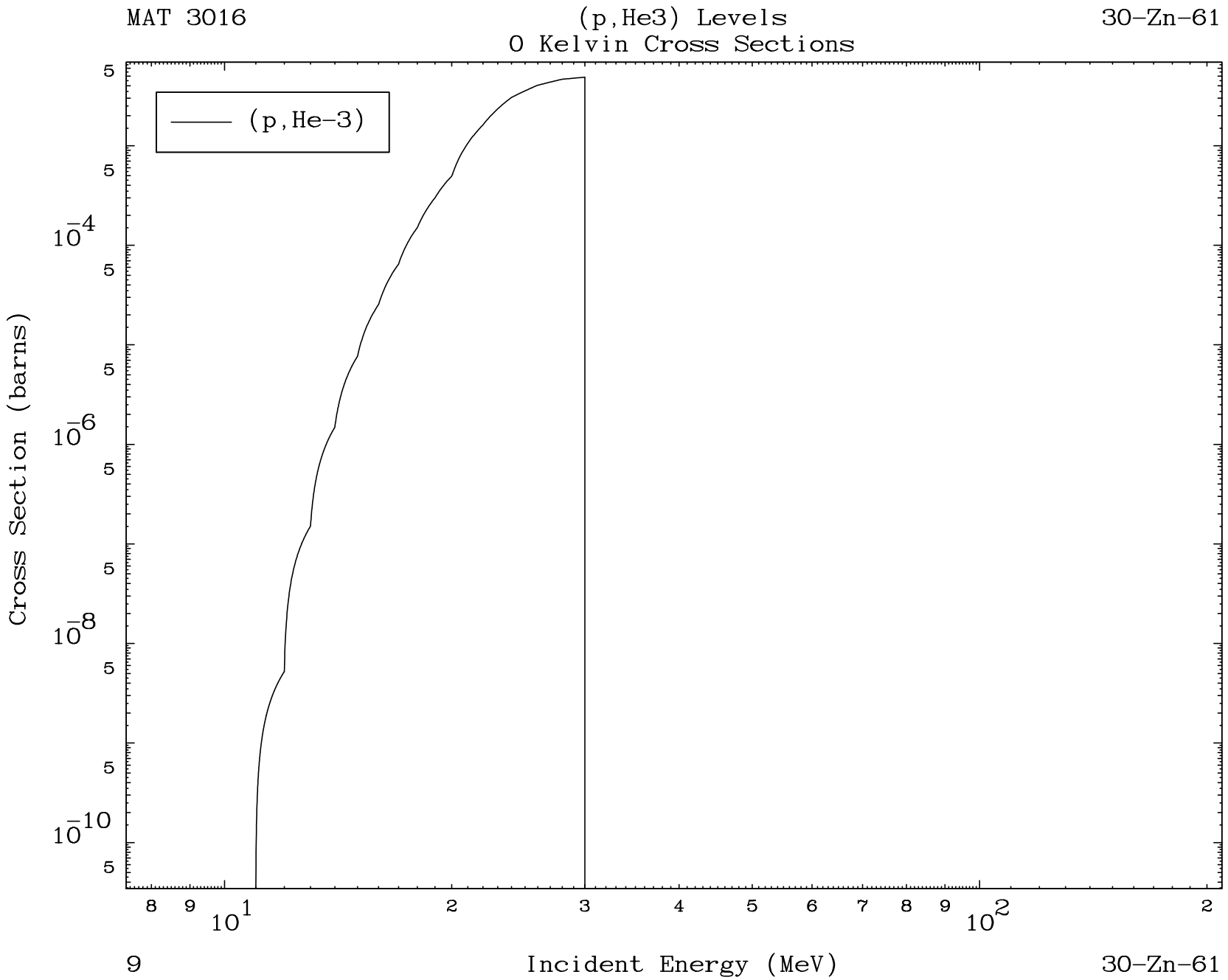

MAT 3016
Proton Charged Particle
0 Kelvin Cross Sections
30-Zn-61
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
30-Zn-61

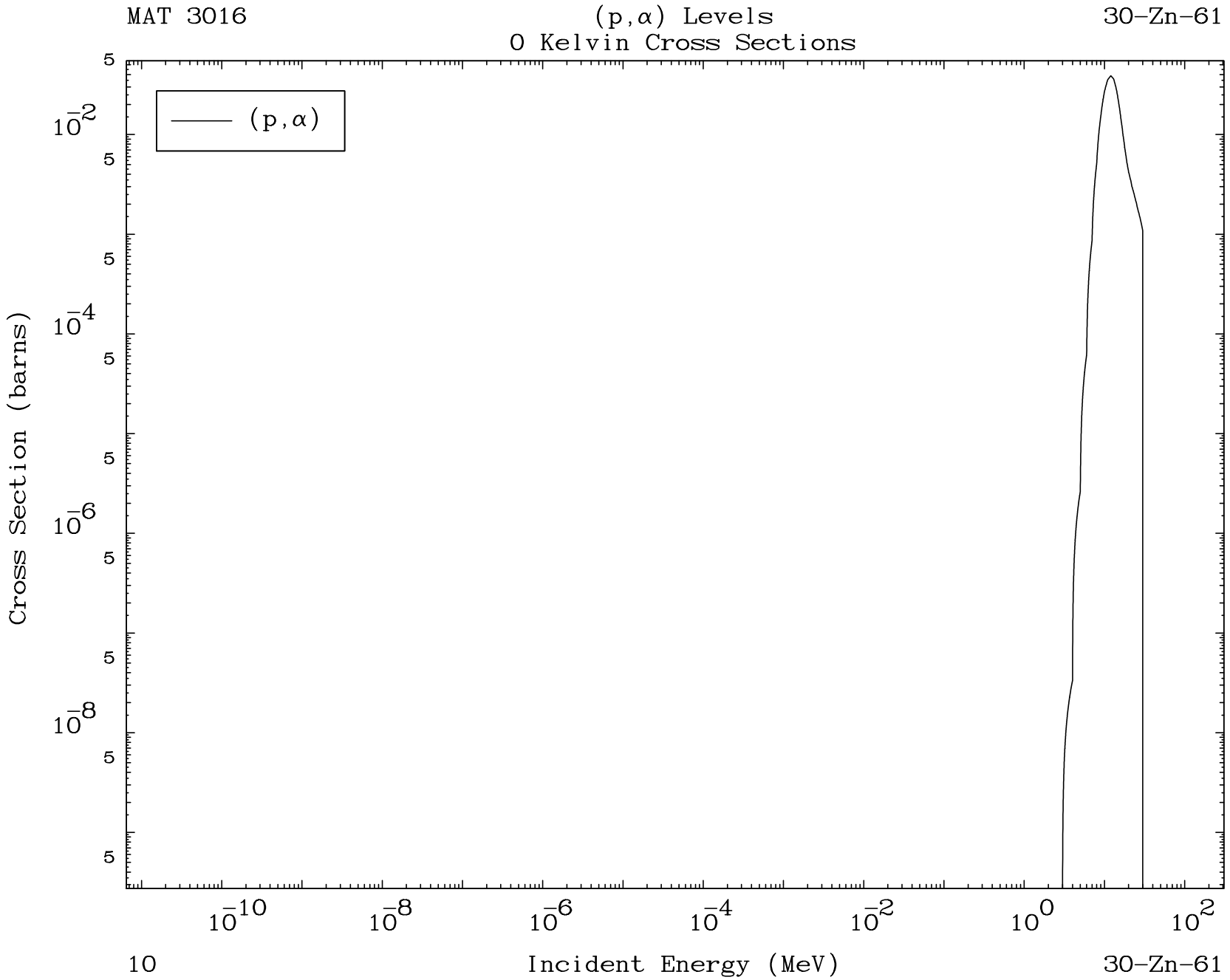

MAT 3016
(p,n') Level
30-Zn-61
0 Kelvin Cross Sections
X10-3
7
6
5
4
3
2
Cross Section (barns)
Proton Inelastic
10 1
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
30-Zn-61

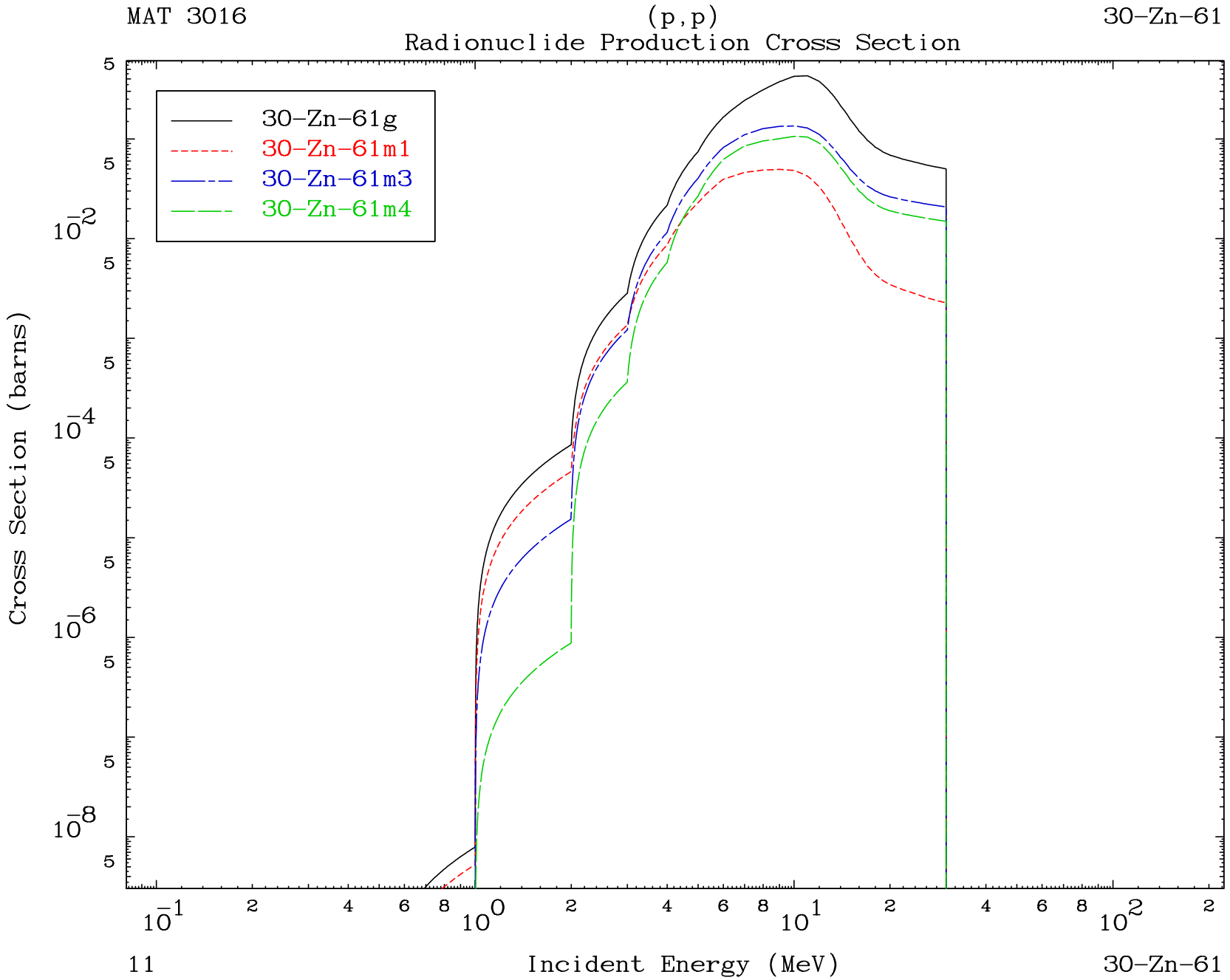

MAT 3016
(p,p) Levels
30-Zn-61
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
30-Zn-61

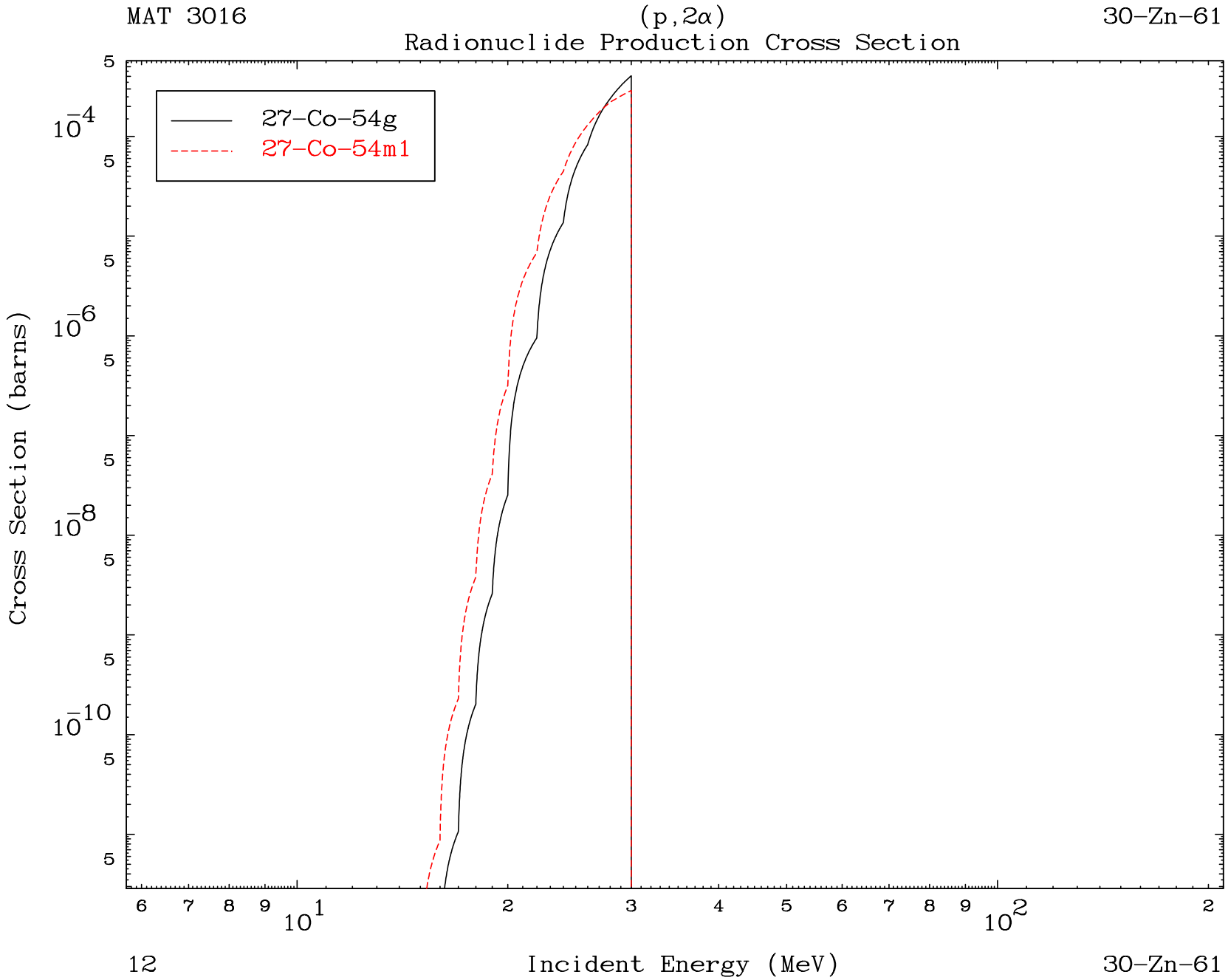

MAT 3016
(p,d) Levels
30-Zn-61
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10 1
10 2
30-Zn-61


0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 3016
(p,He3) Levels
30-Zn-61
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
30-Zn-61


MAT 3016
(p,α) Levels
30-Zn-61
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
30-Zn-61


MAT 3016
(p,p)
30-Zn-61
Radionuclide Production Cross Section
30-Zn-61g
30-Zn-61m1
30-Zn-61m3
30-Zn-61m4
Cross Section (barns)
Incident Energy (MeV)
11
30-Zn-61


MAT 3016
(p,2α)
30-Zn-61
Radionuclide Production Cross Section
27-Co-54g
27-Co-54m1
Cross Section (barns)
Incident Energy (MeV)
12
30-Zn-61