Program EVALPLOT
(Version 2018-1)
by
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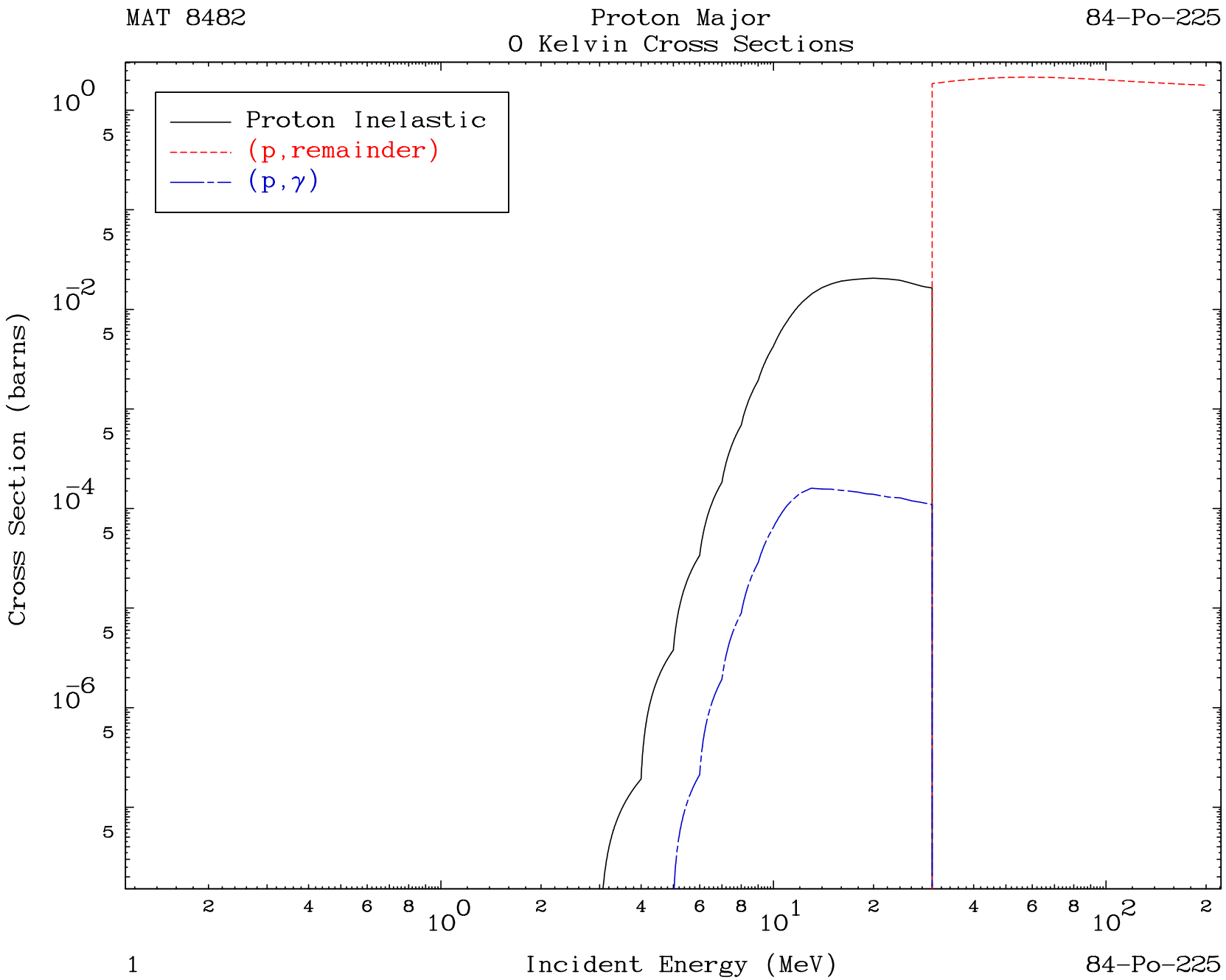
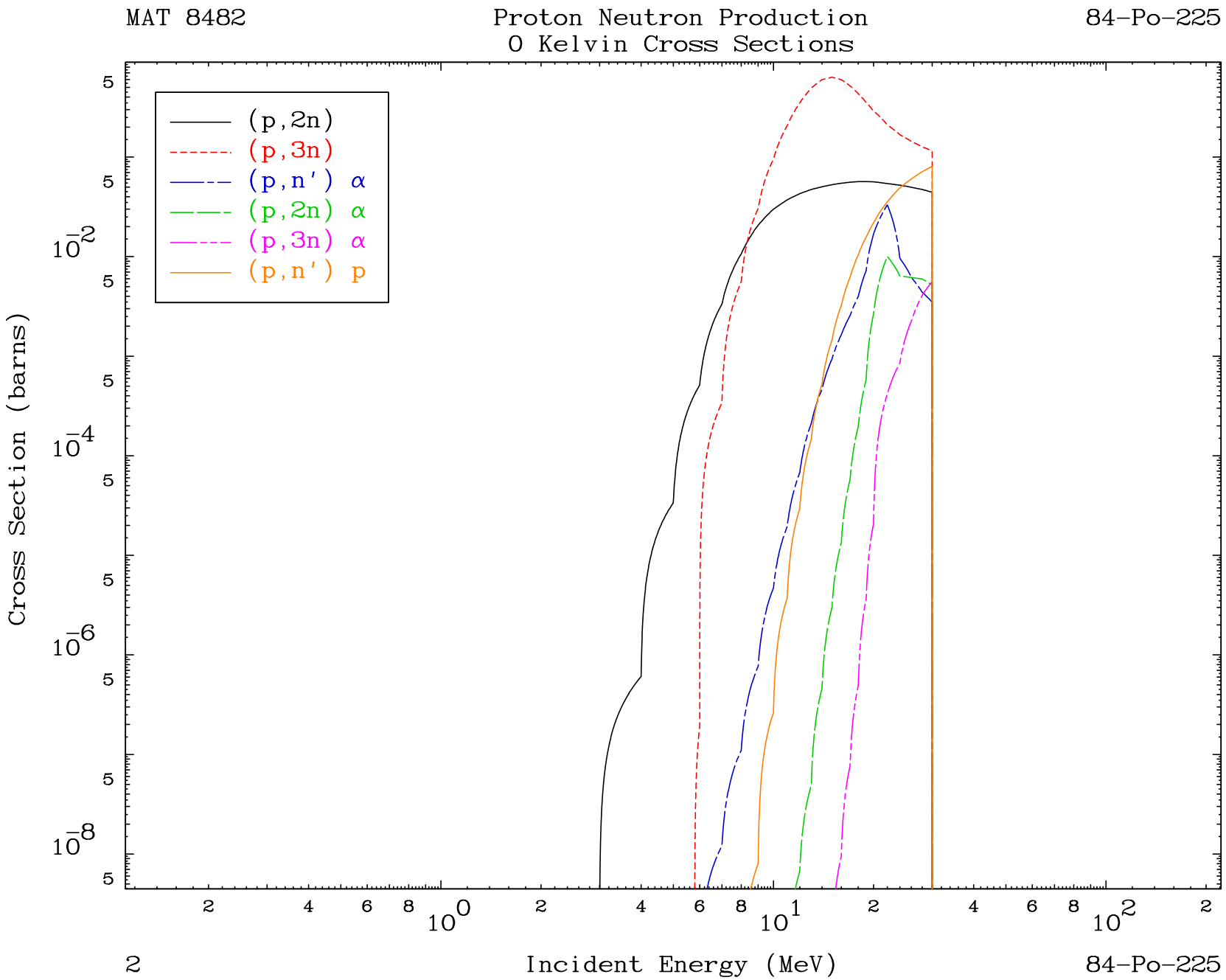
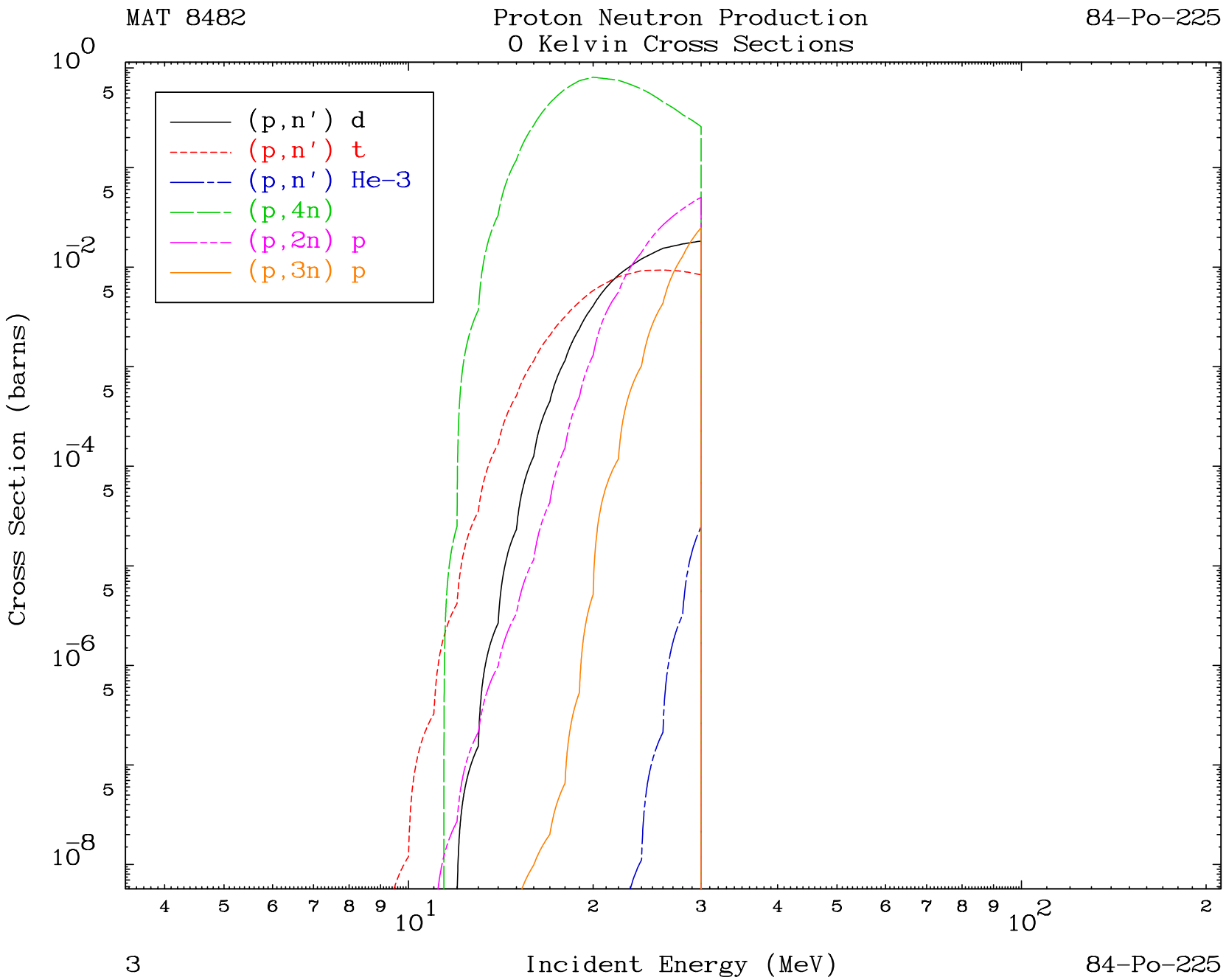
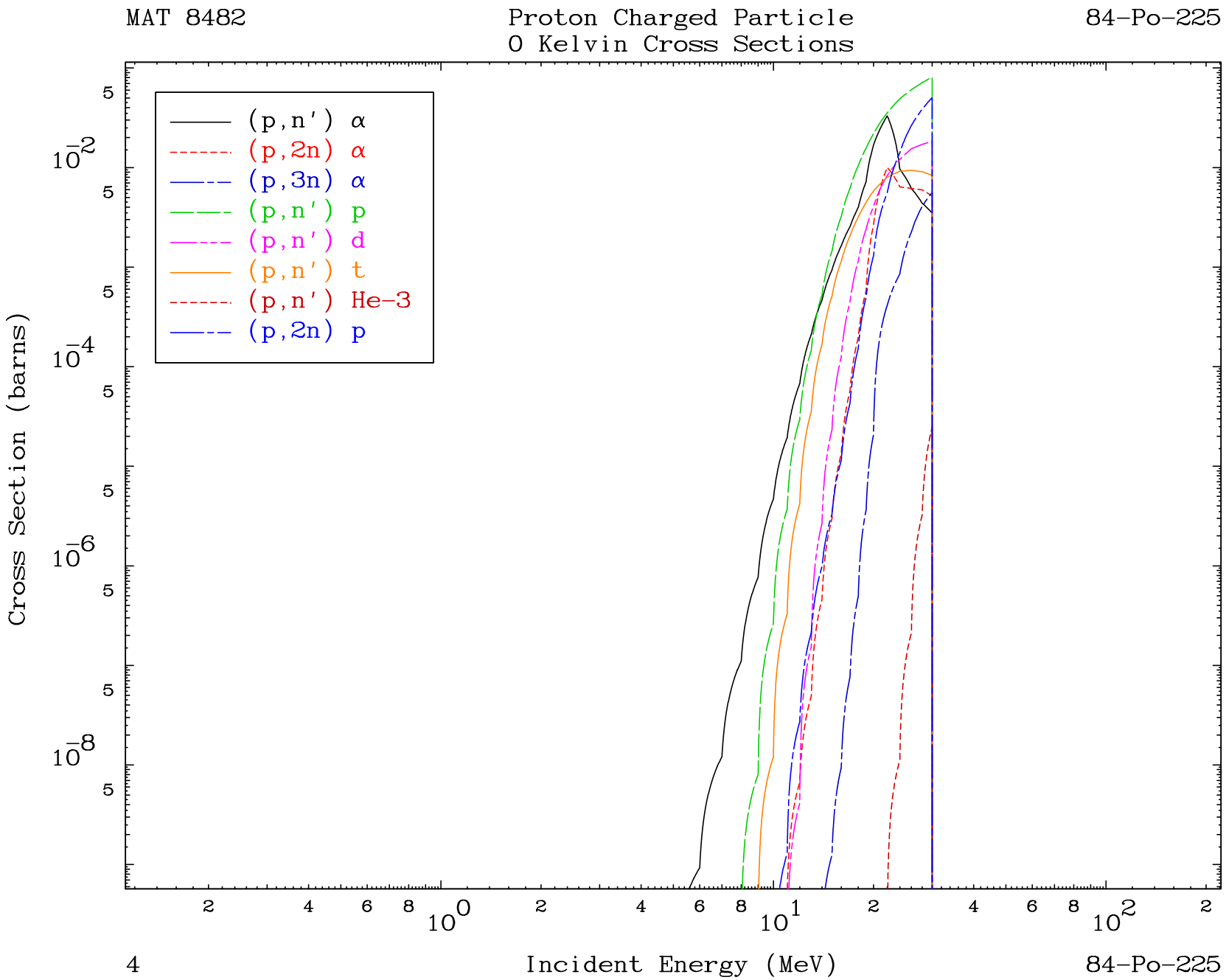
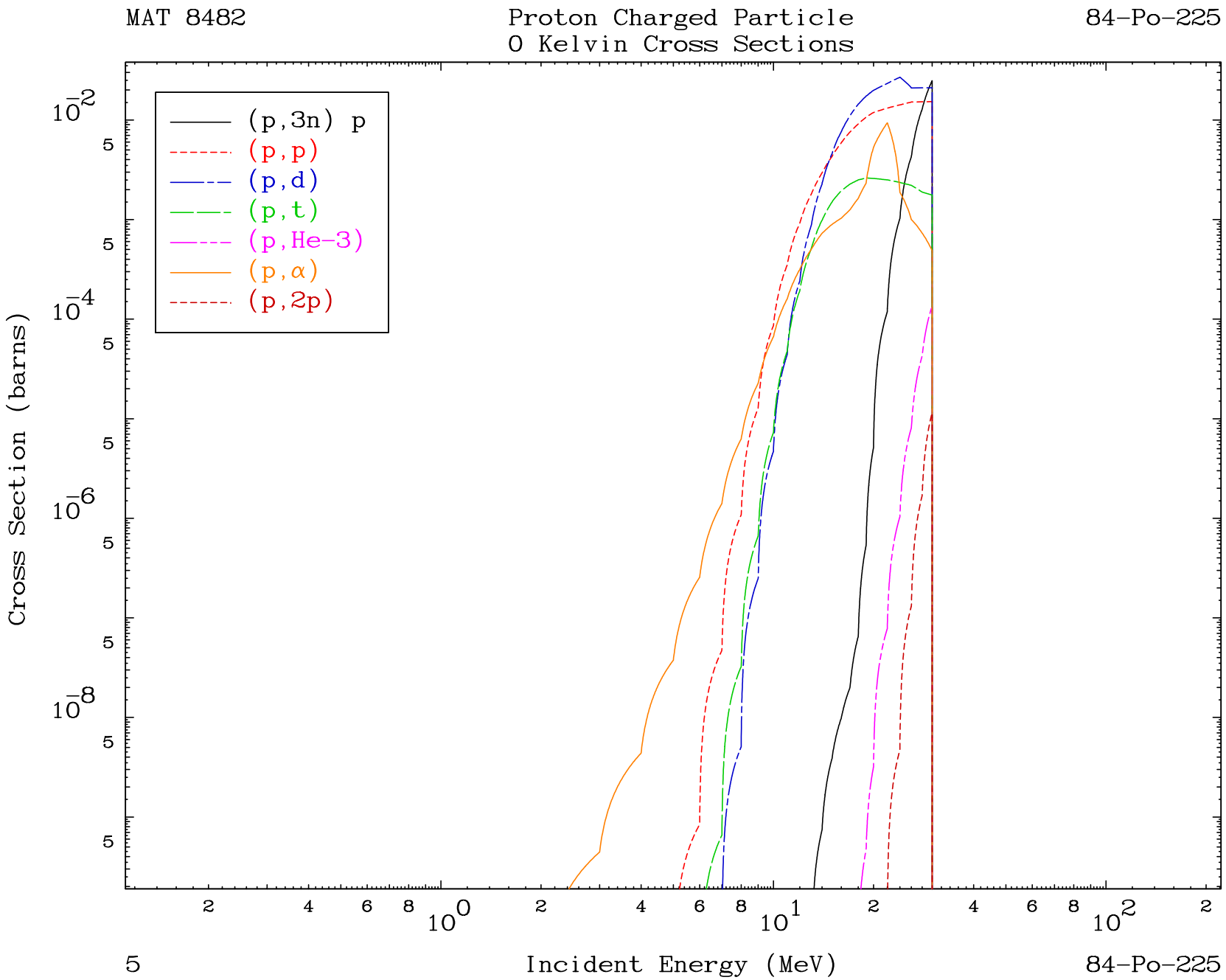
Press Mouse Button to Start

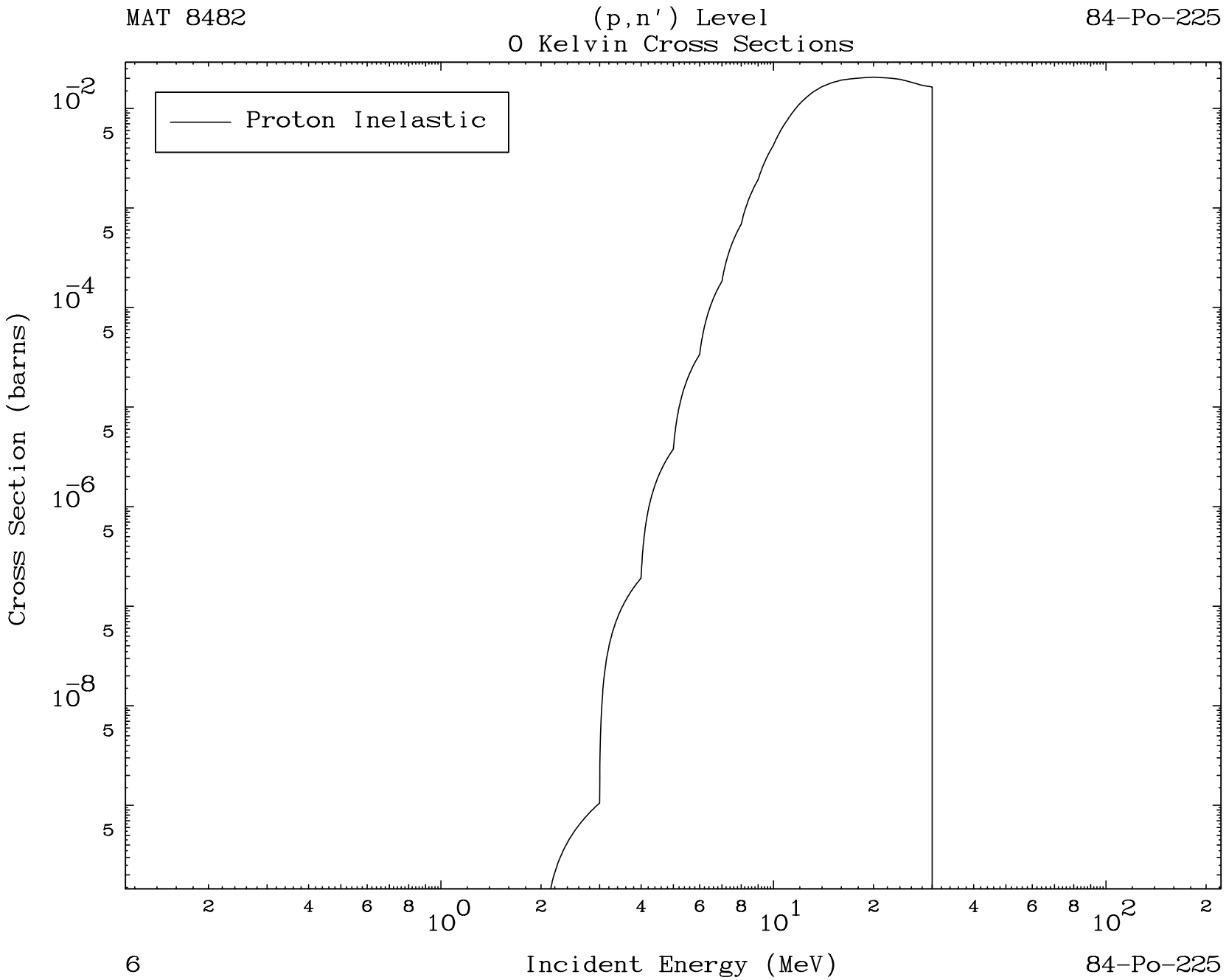

MAT 8482
Proton Major
84-Po-225
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-225
1

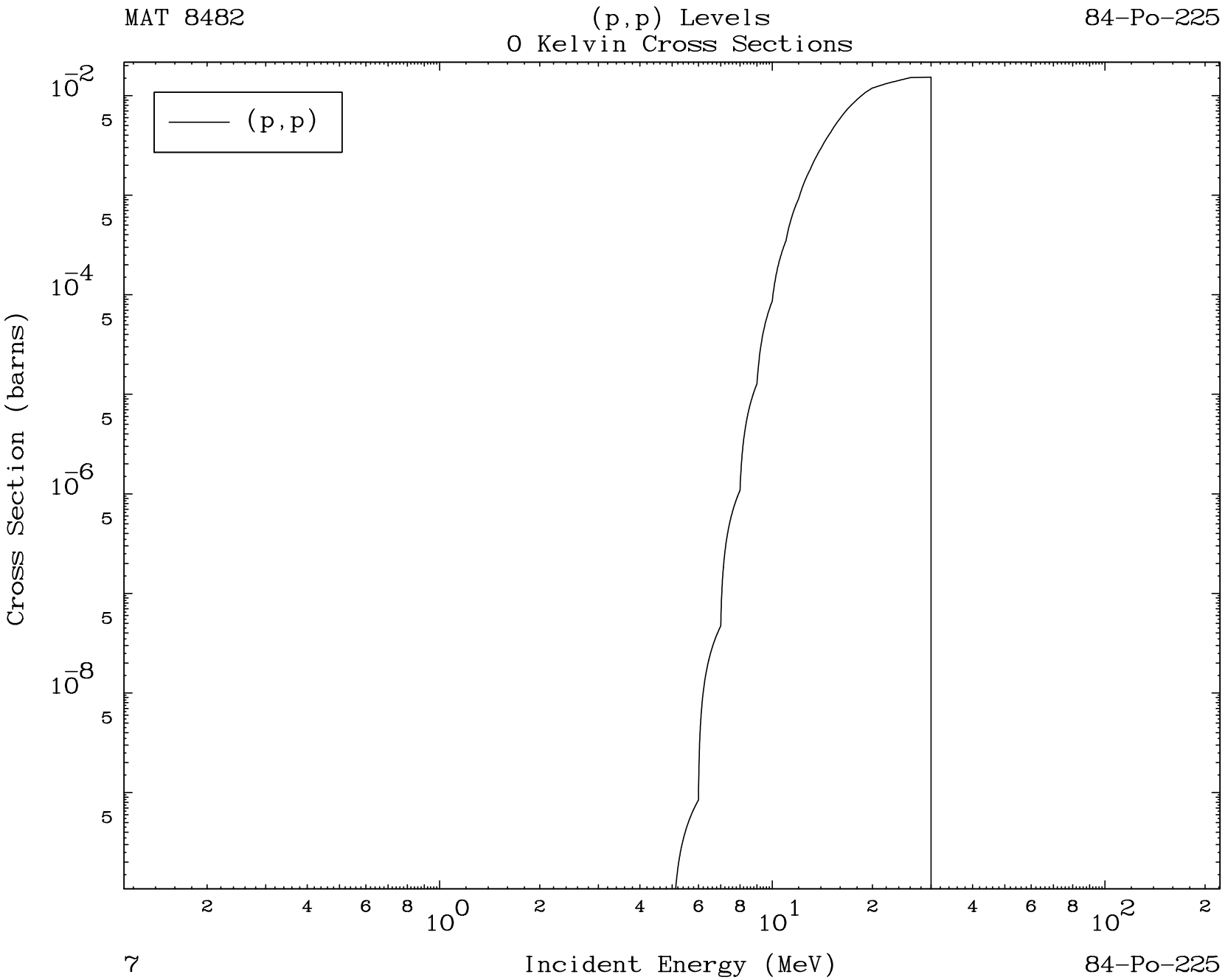

MAT 8482
Proton Neutron Production
0 Kelvin Cross Sections
84-Po-225
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
84-Po-225
2

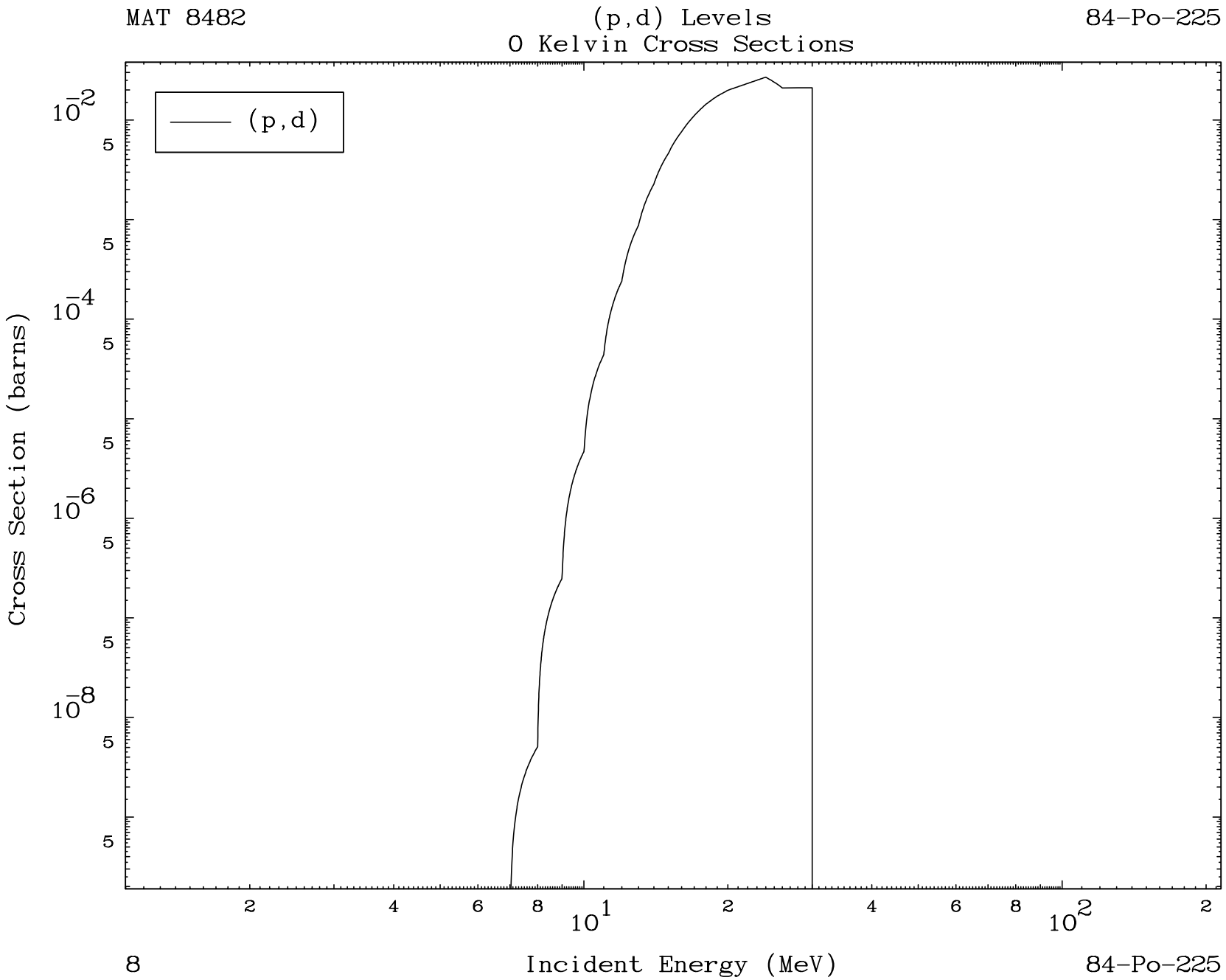

MAT 8482
Proton Neutron Production
0 Kelvin Cross Sections
84-Po-225
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-225

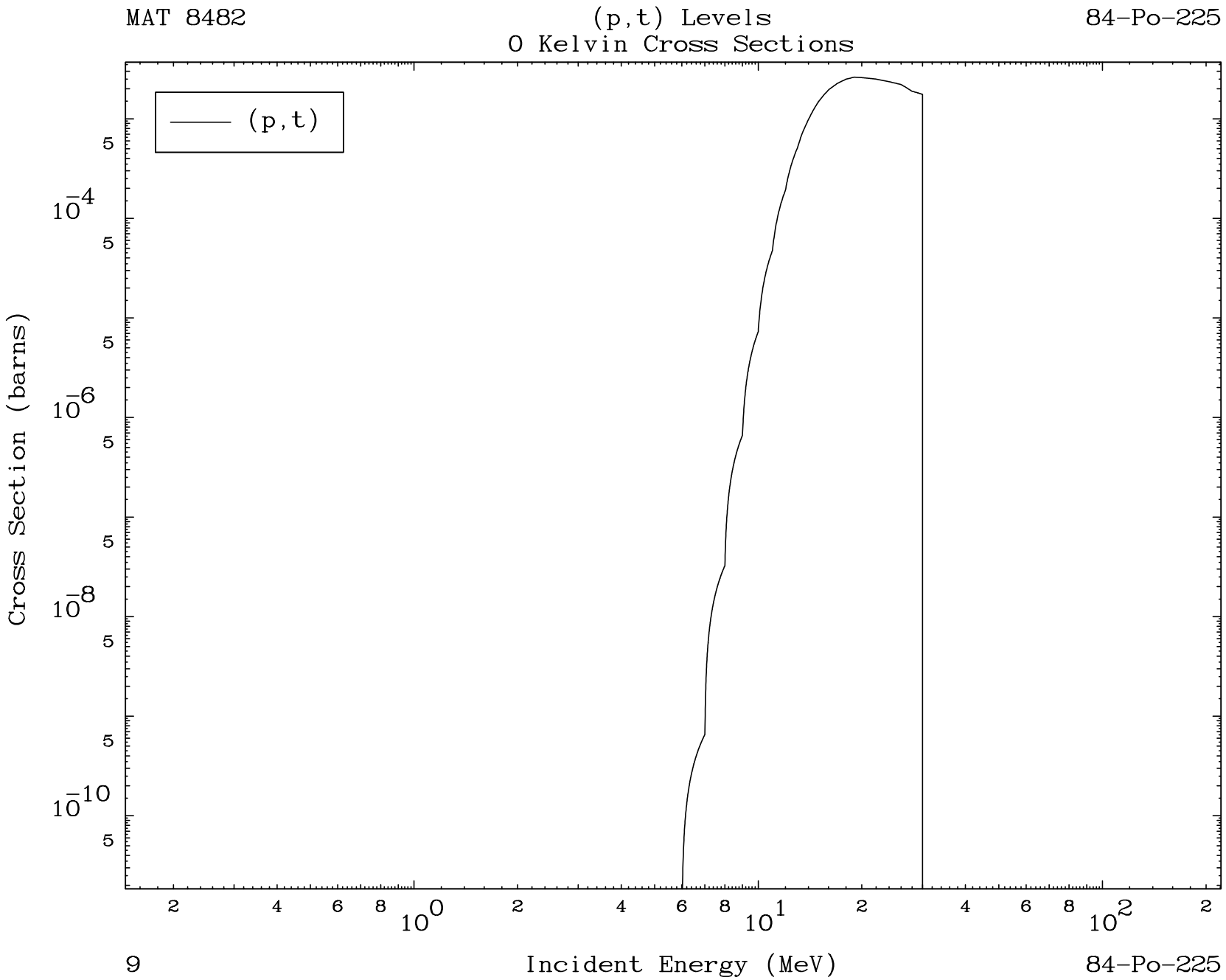

MAT 8482
Proton Charged Particle
0 Kelvin Cross Sections
84-Po-225
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-225

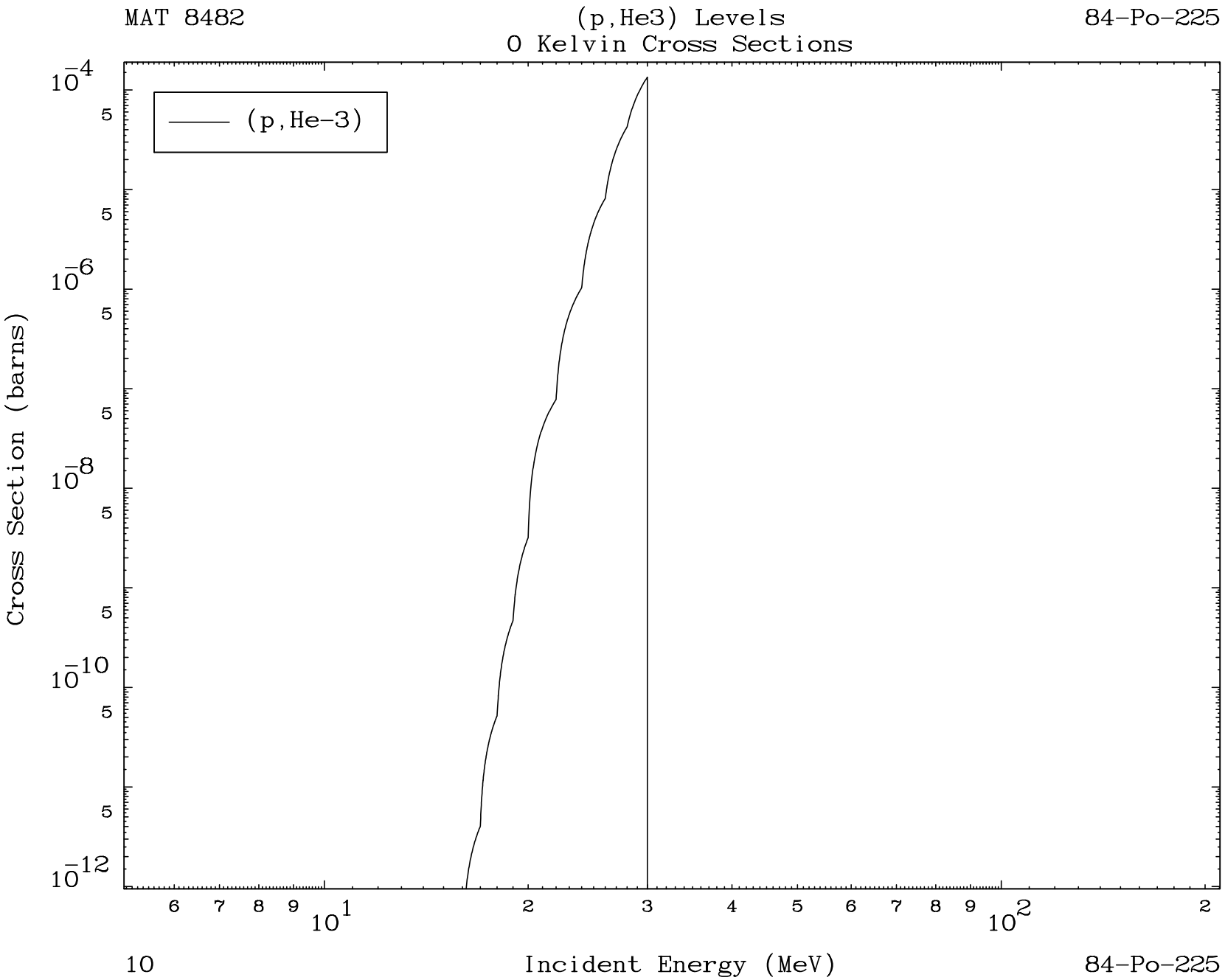

MAT 8482
Proton Charged Particle
0 Kelvin Cross Sections
84-Po-225
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
Cross Section (barns)
Incident Energy (MeV)
84-Po-225

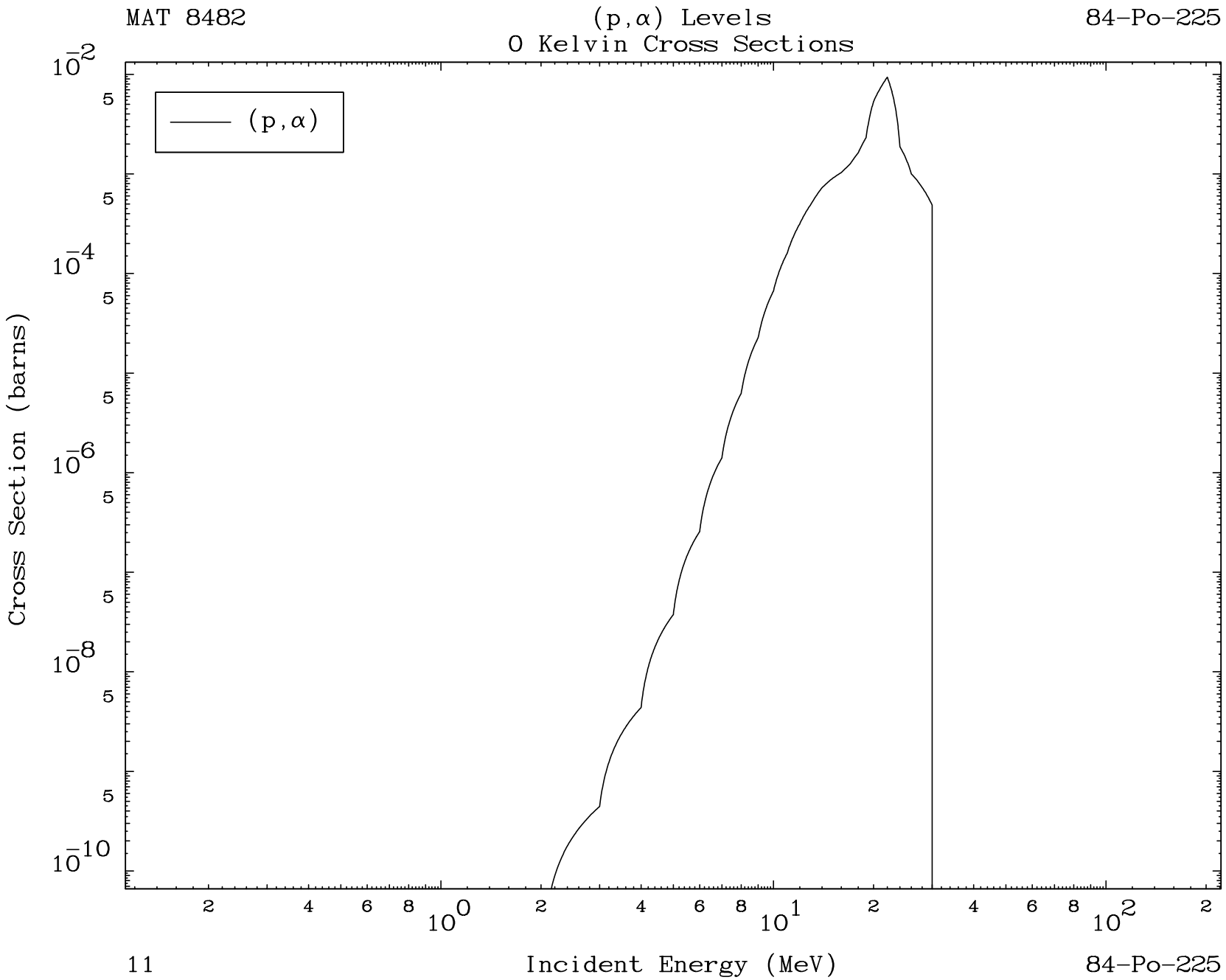

MAT 8482
(p,n') Level
84-Po-225
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
84-Po-225

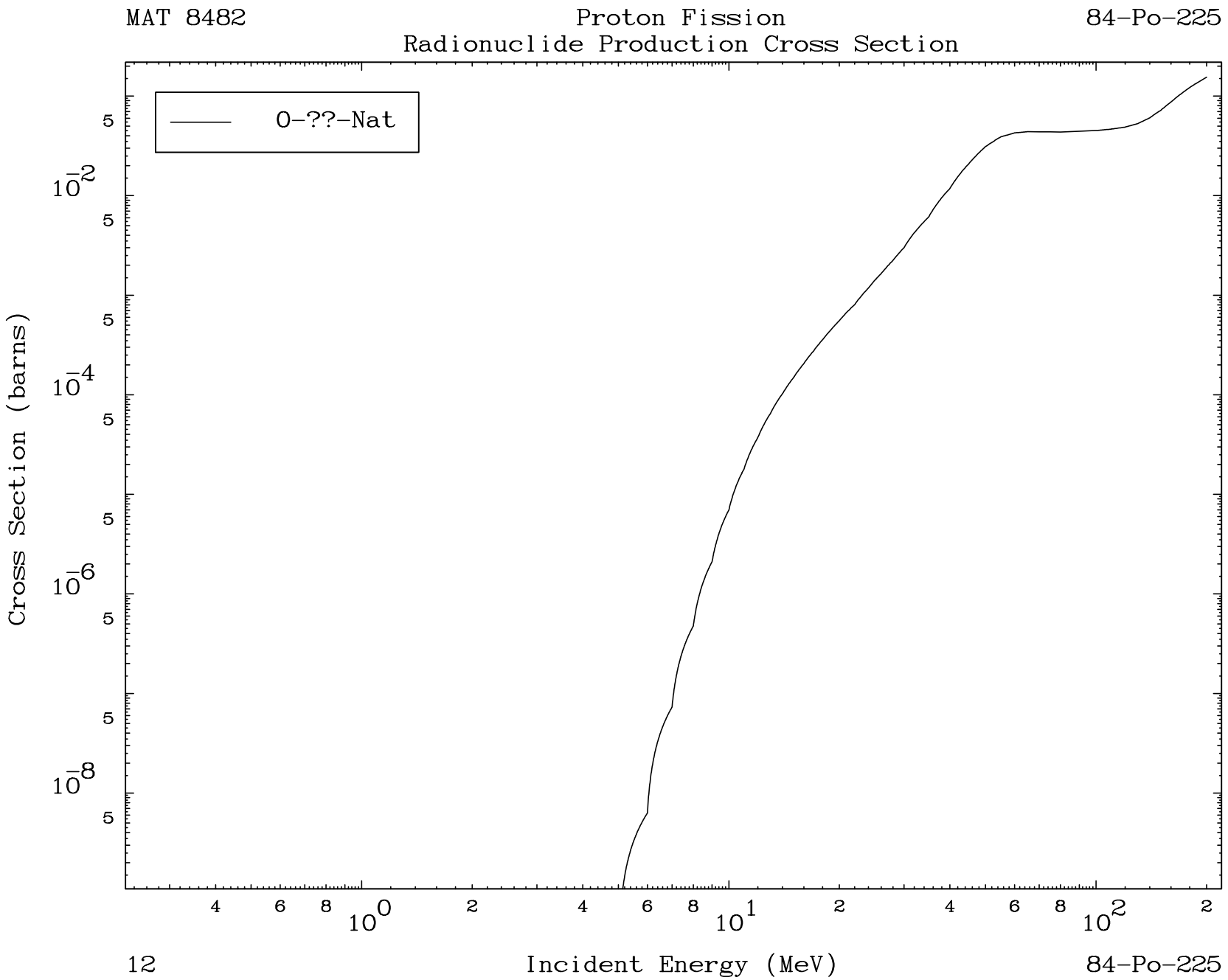

MAT 8482
(p,p) Levels
84-Po-225
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
84-Po-225


MAT 8482
(p,d) Levels
84-Po-225
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
8
84-Po-225


MAT 8482
(p,t) Levels
84-Po-225
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
9
84-Po-225


MAT 8482
(p,He3) Levels
84-Po-225
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
84-Po-225


MAT 8482
(p,α) Levels
84-Po-225
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
84-Po-225


MAT 8482
Proton Fission
84-Po-225
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
100
2
101
102
12
Incident Energy (MeV)
84-Po-225