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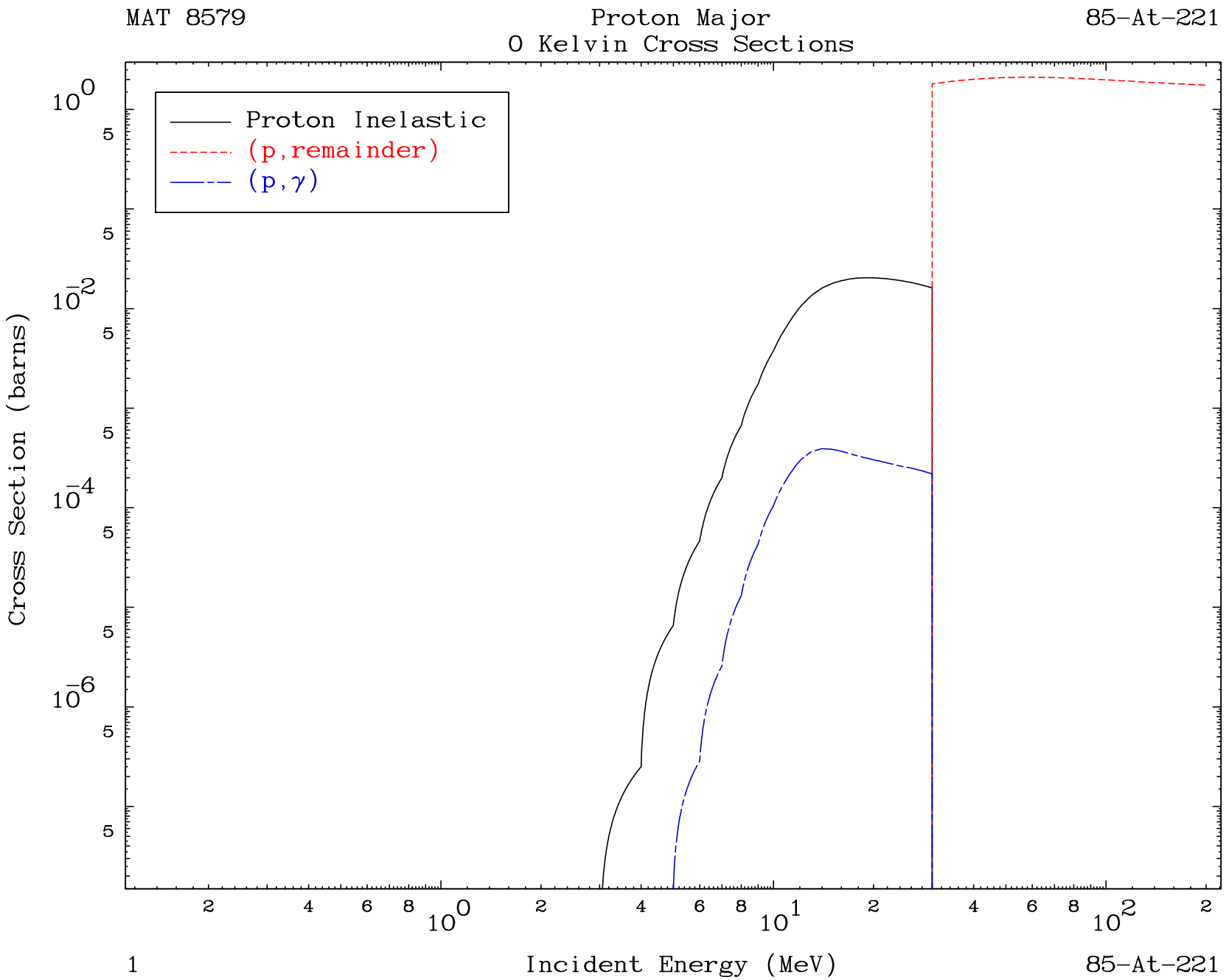
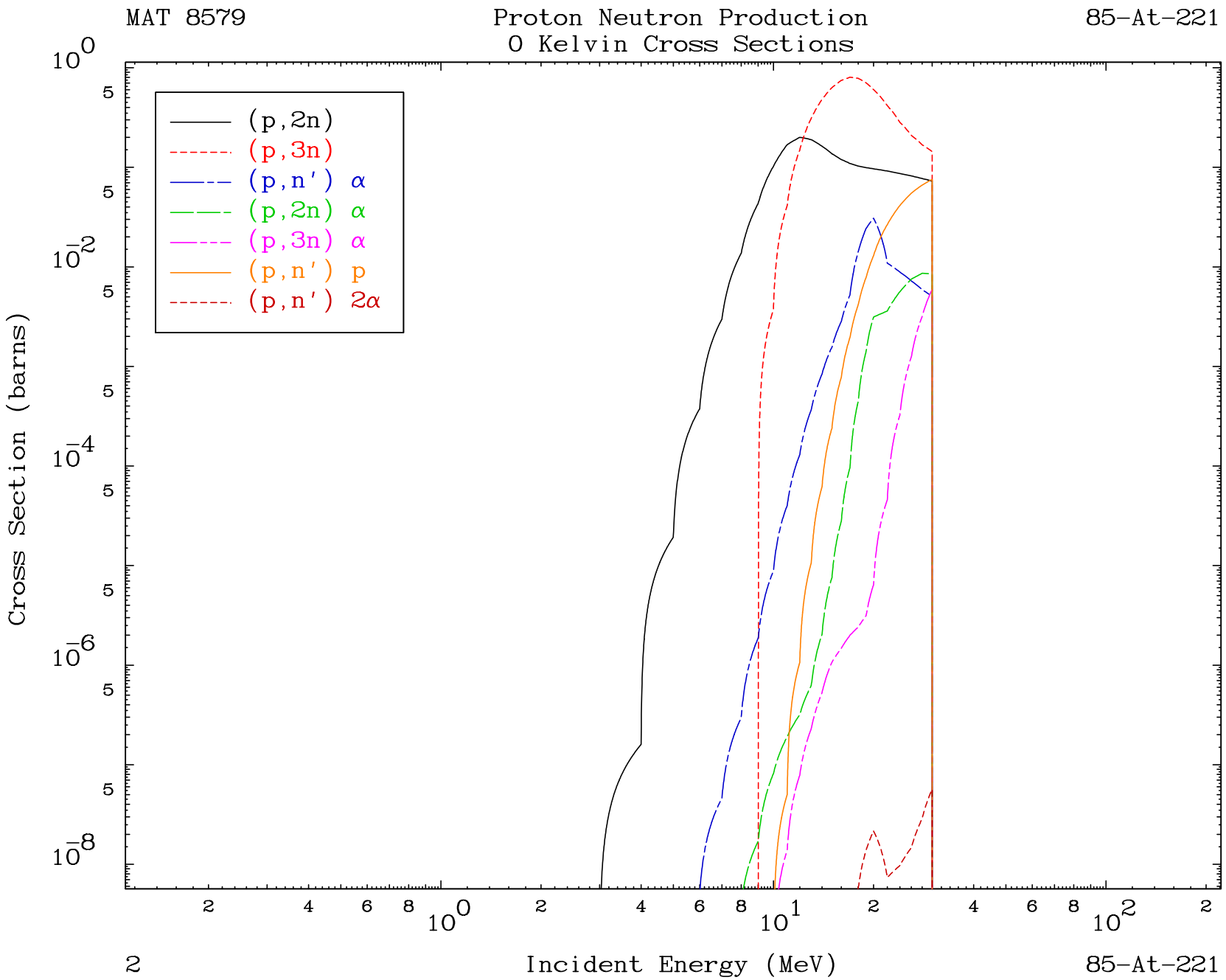
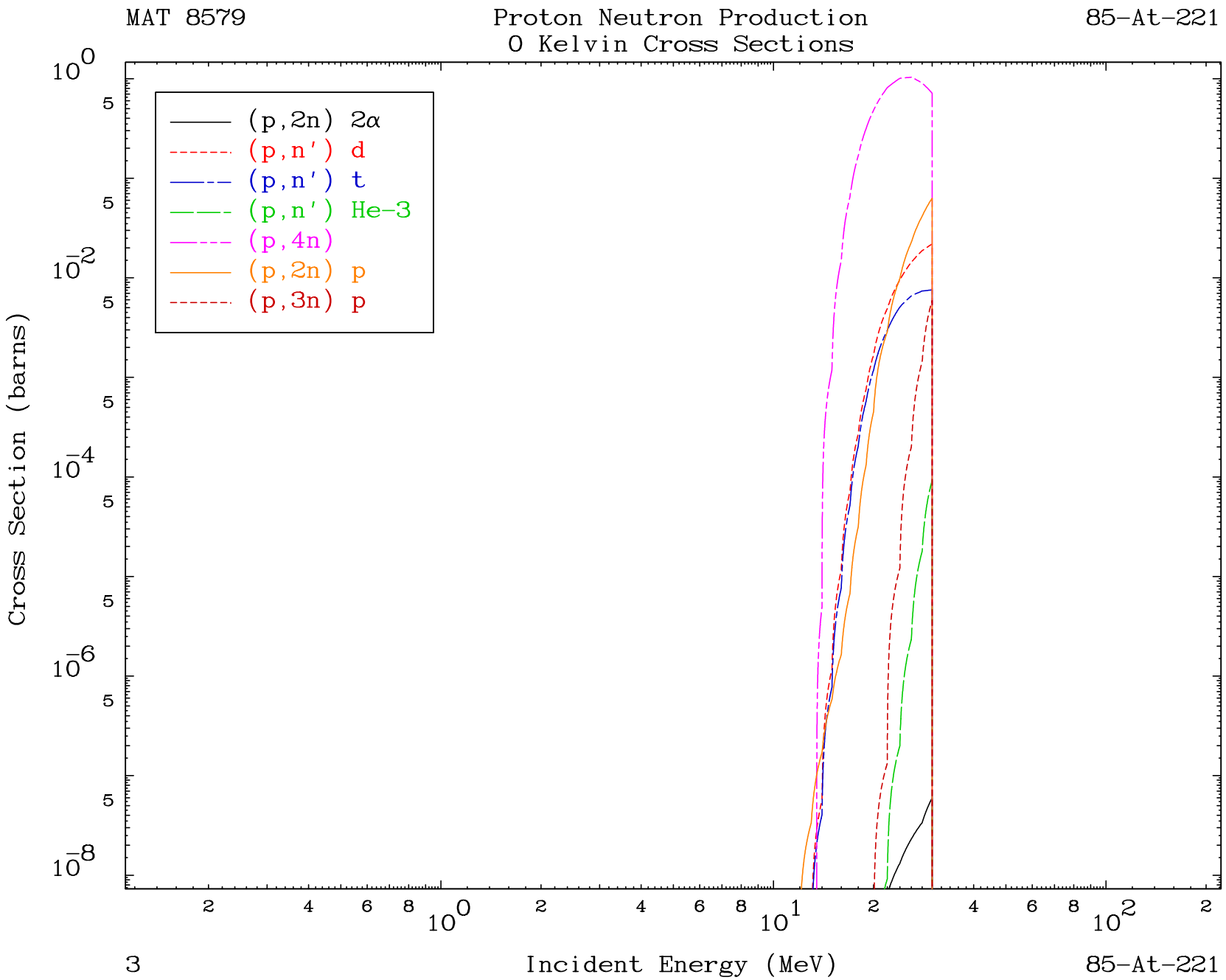
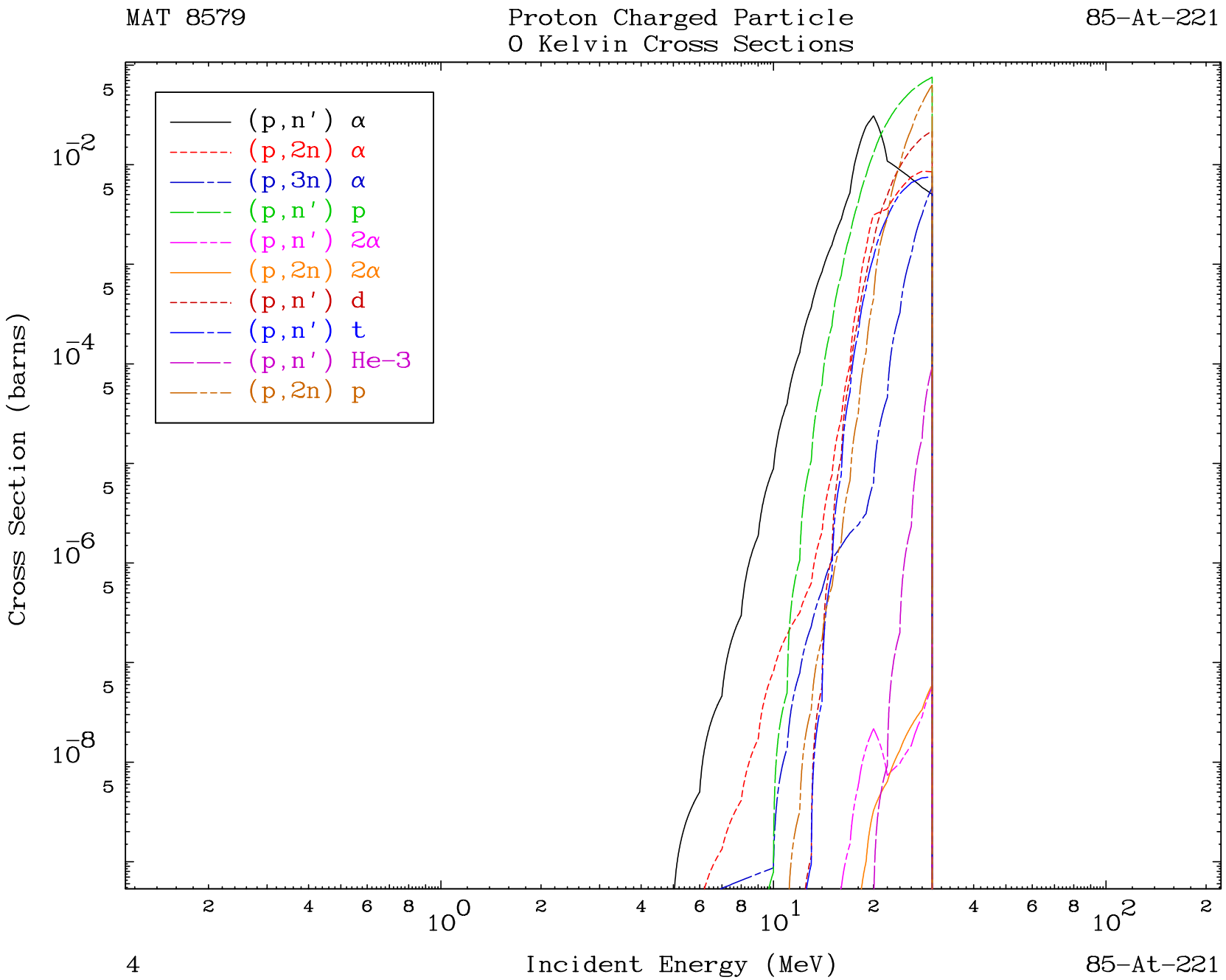
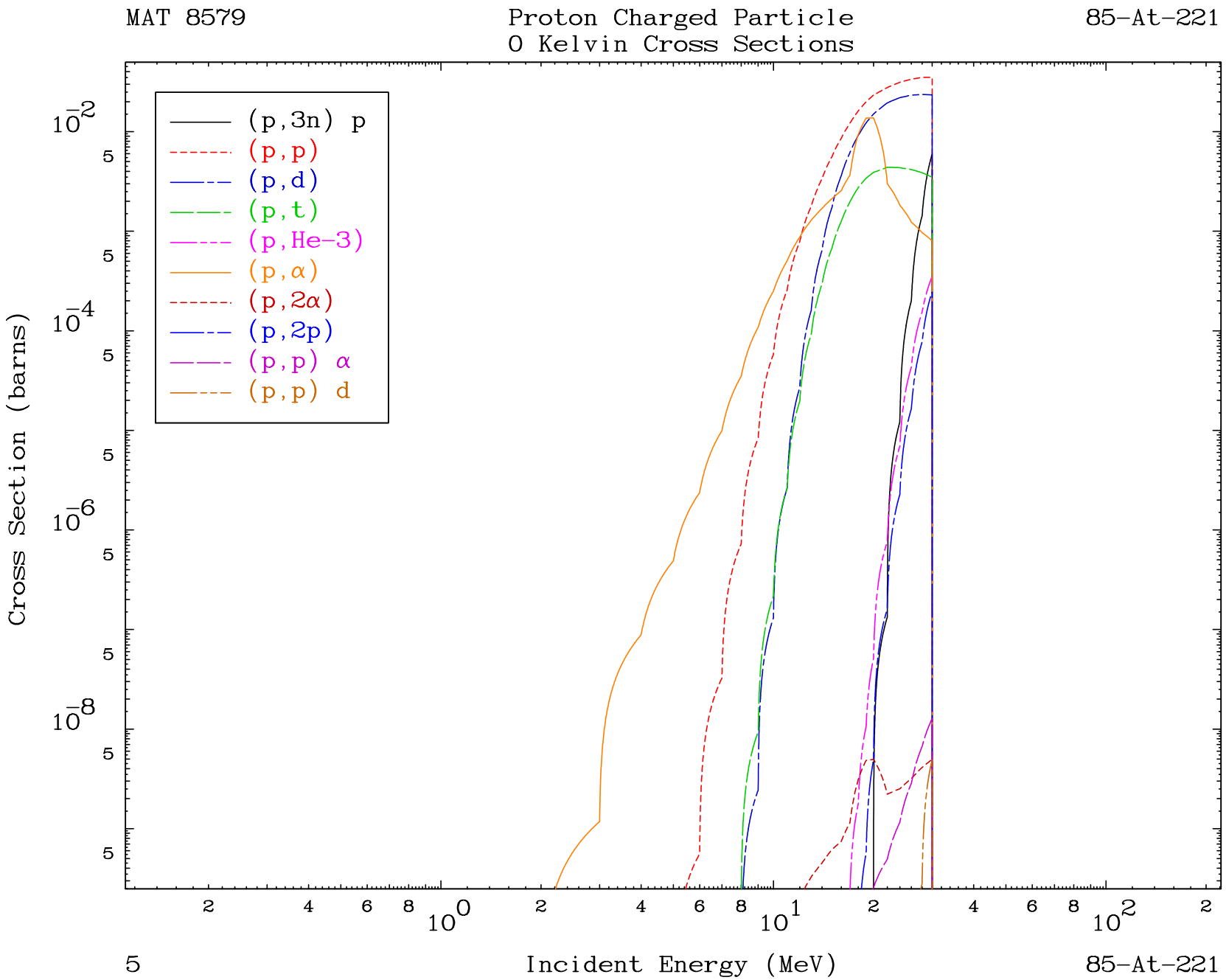
Press Mouse Button to Start

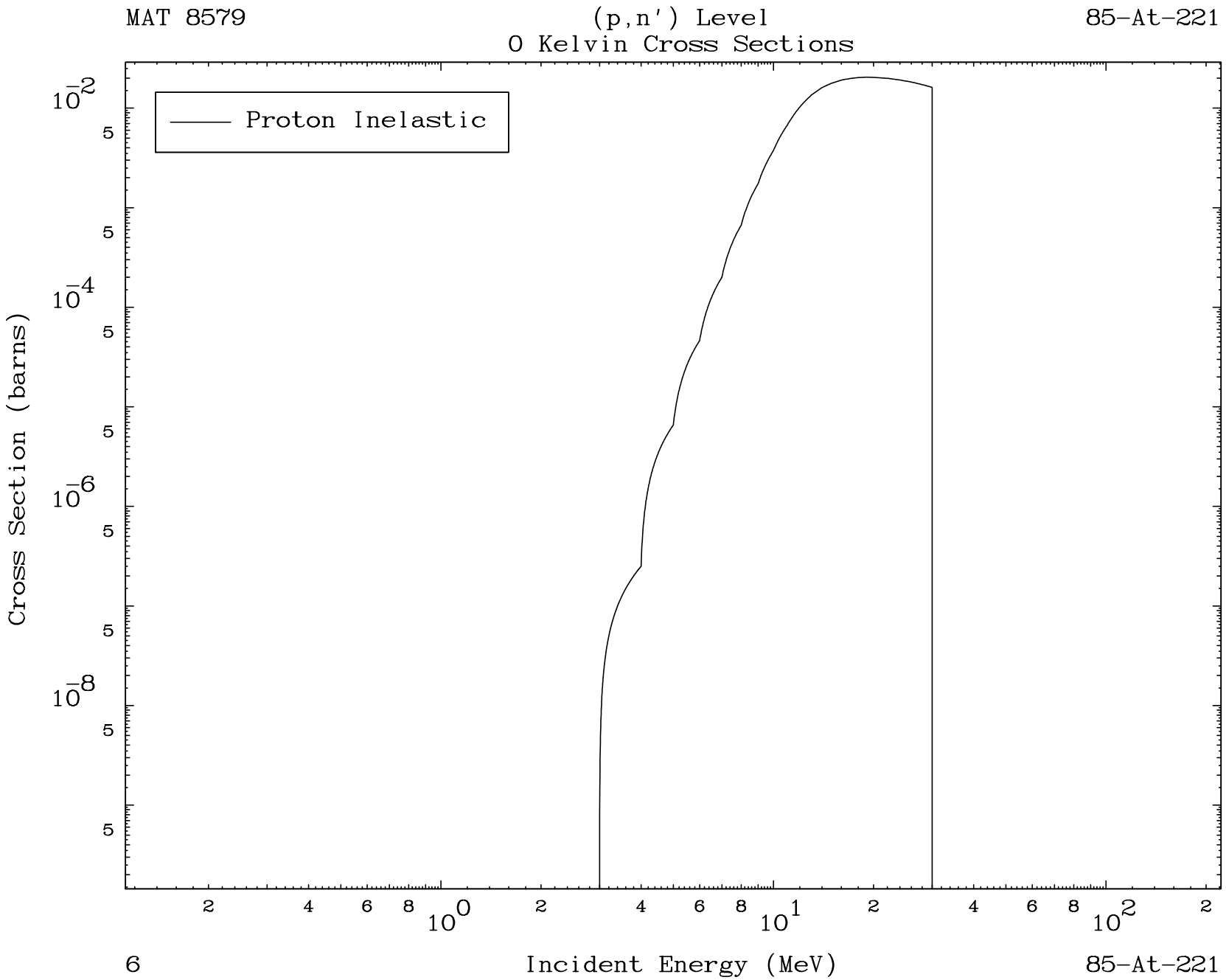

MAT 8579
Proton Major
85-At-221
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-221
1

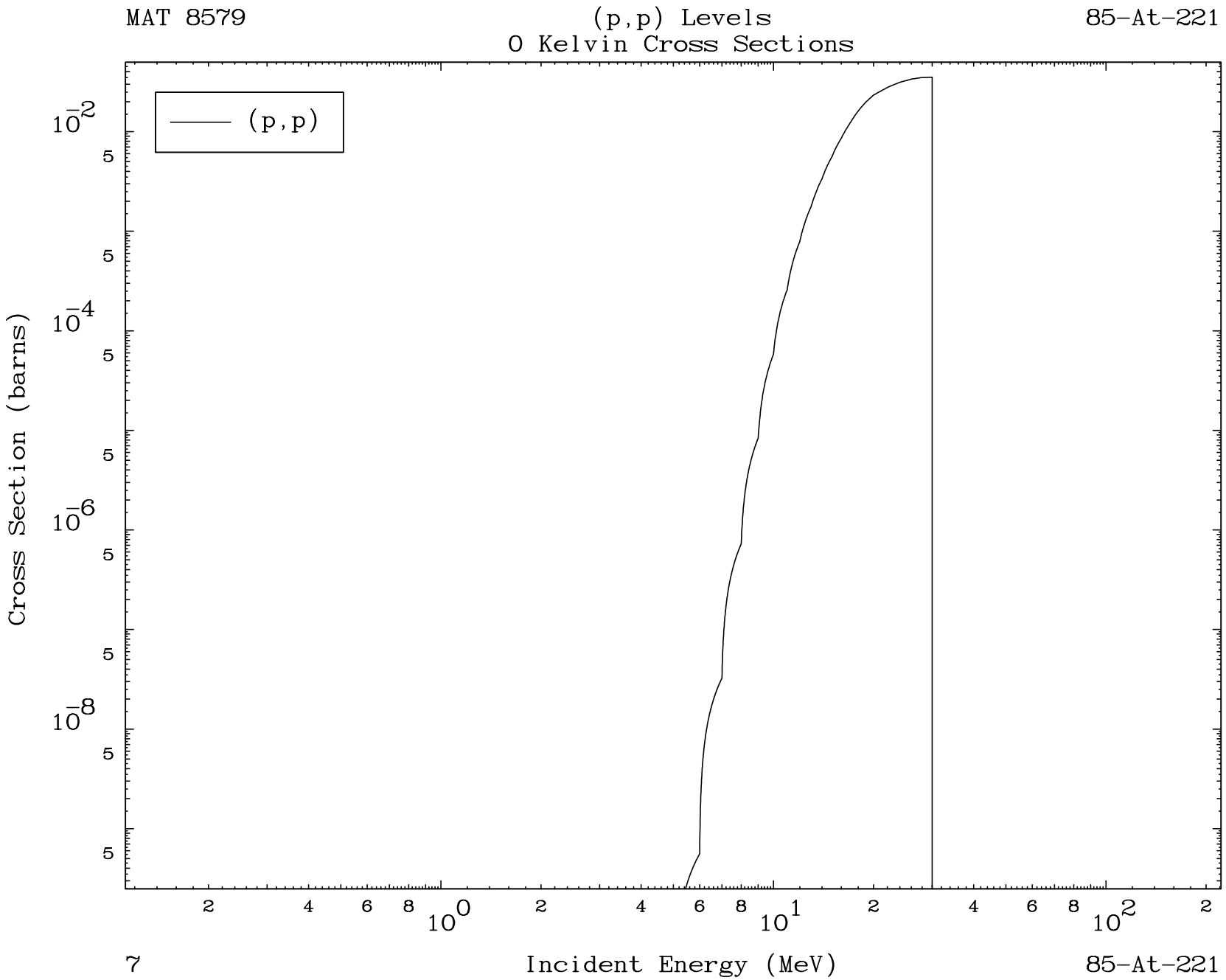

MAT 8579
Proton Neutron Production
0 Kelvin Cross Sections
85-At-221
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
Cross Section (barns)
Incident Energy (MeV)
85-At-221
2

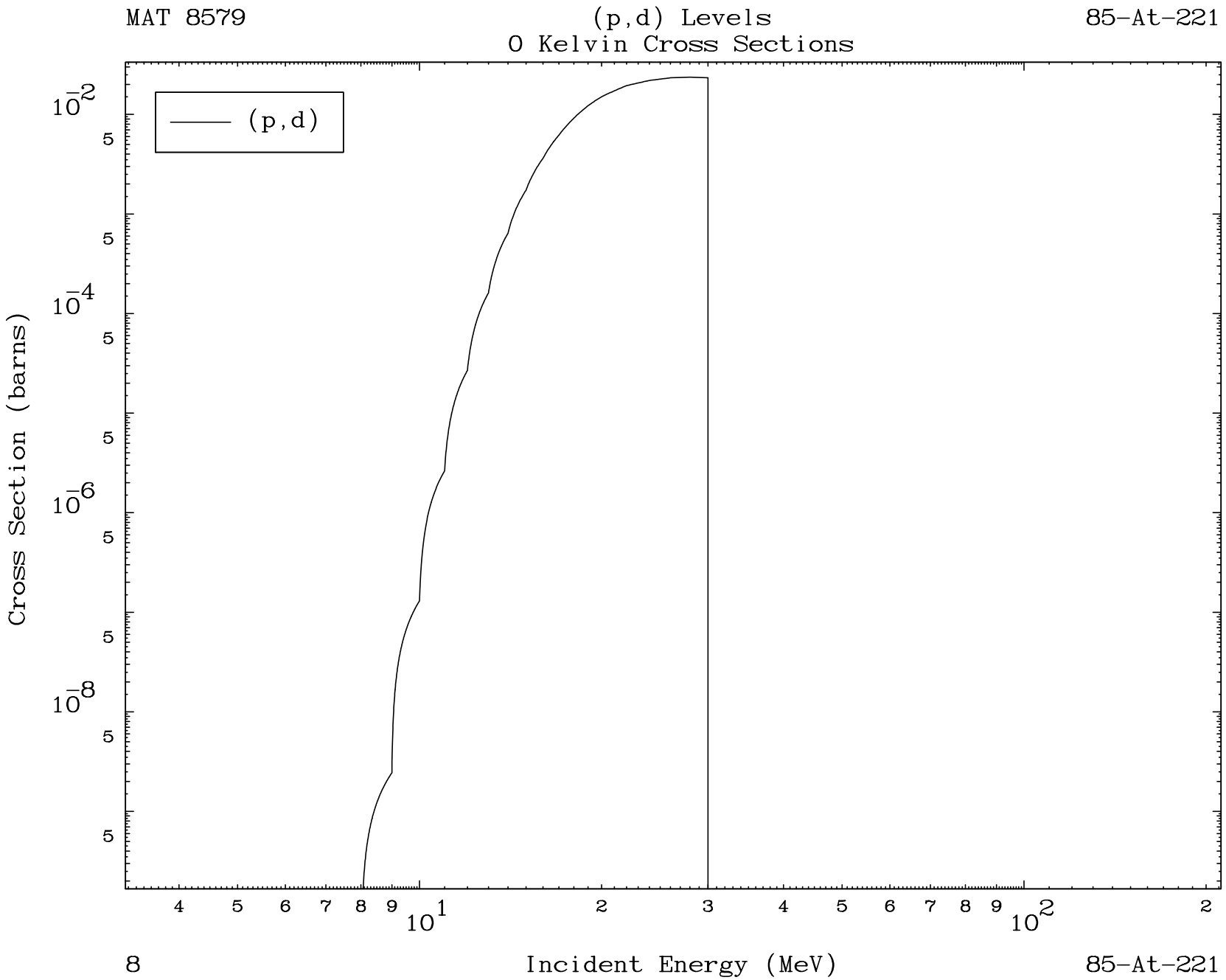

MAT 8579
Proton Neutron Production
0 Kelvin Cross Sections
85-At-221
(p,2n) 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
85-At-221

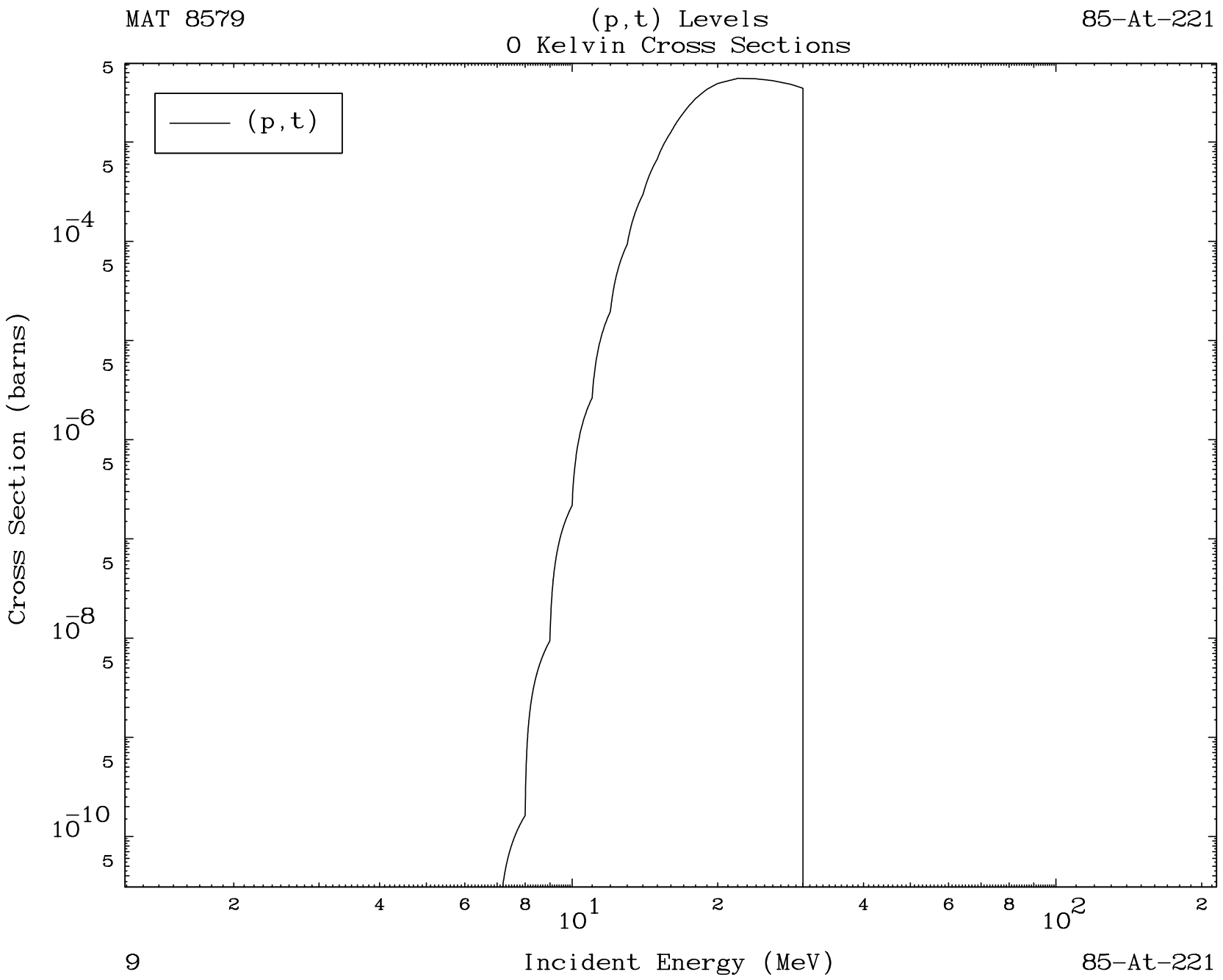

MAT 8579
Proton Charged Particle
0 Kelvin Cross Sections
85-At-221
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
85-At-221

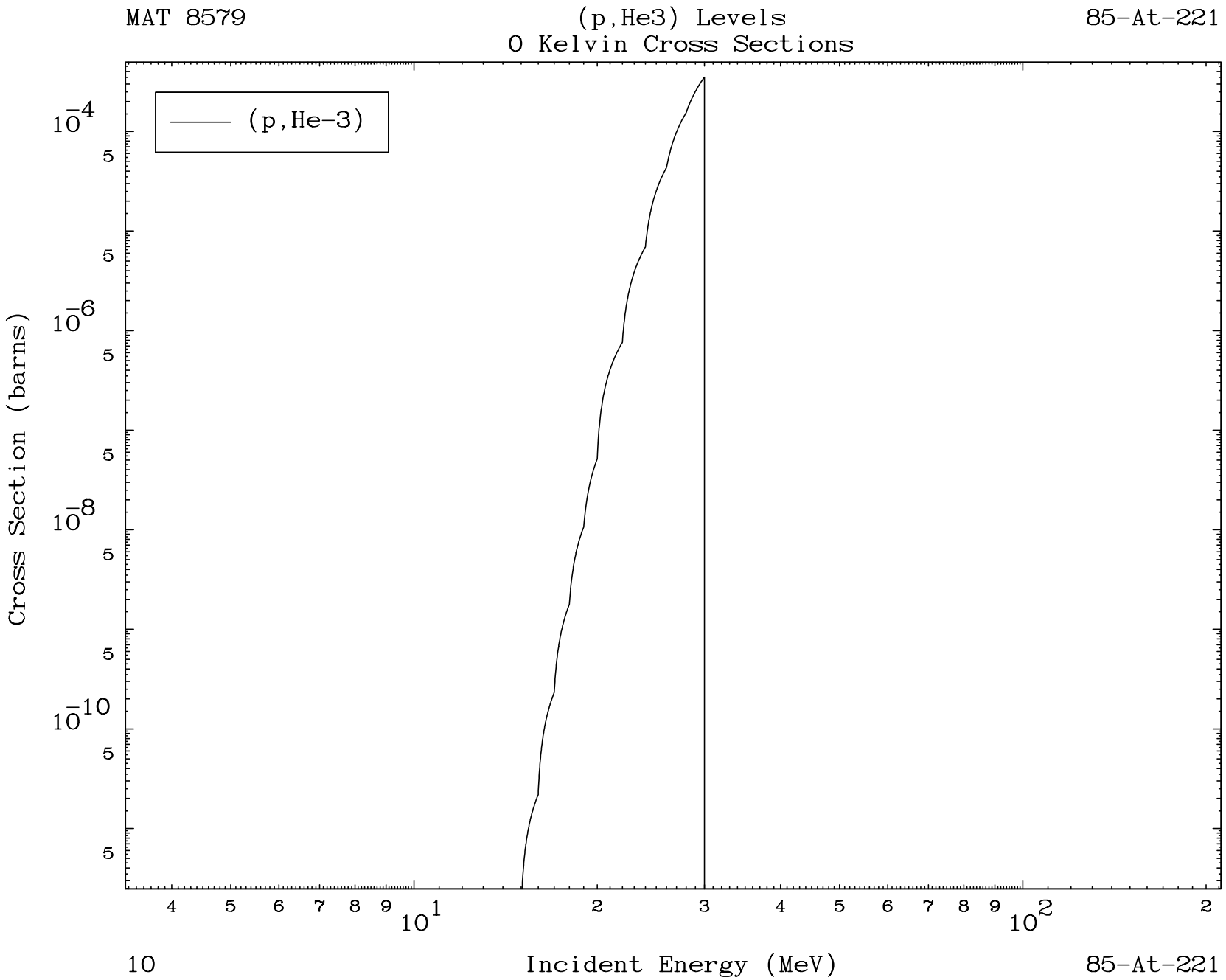

MAT 8579
Proton Charged Particle
0 Kelvin Cross Sections
85-At-221
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
Cross Section (barns)
Incident Energy (MeV)
5
85-At-221

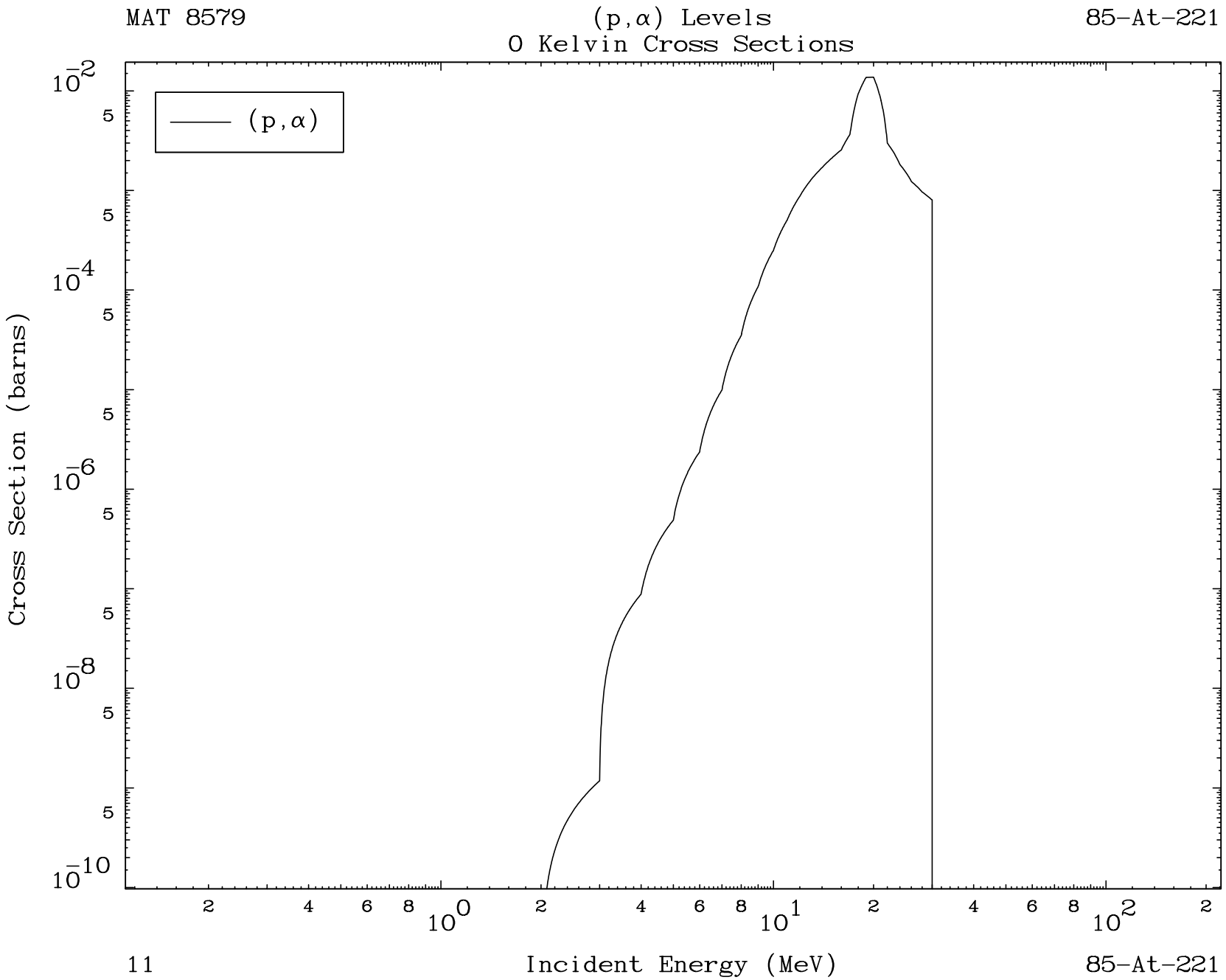

MAT 8579
(p,n') Level
85-At-221
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
85-At-221

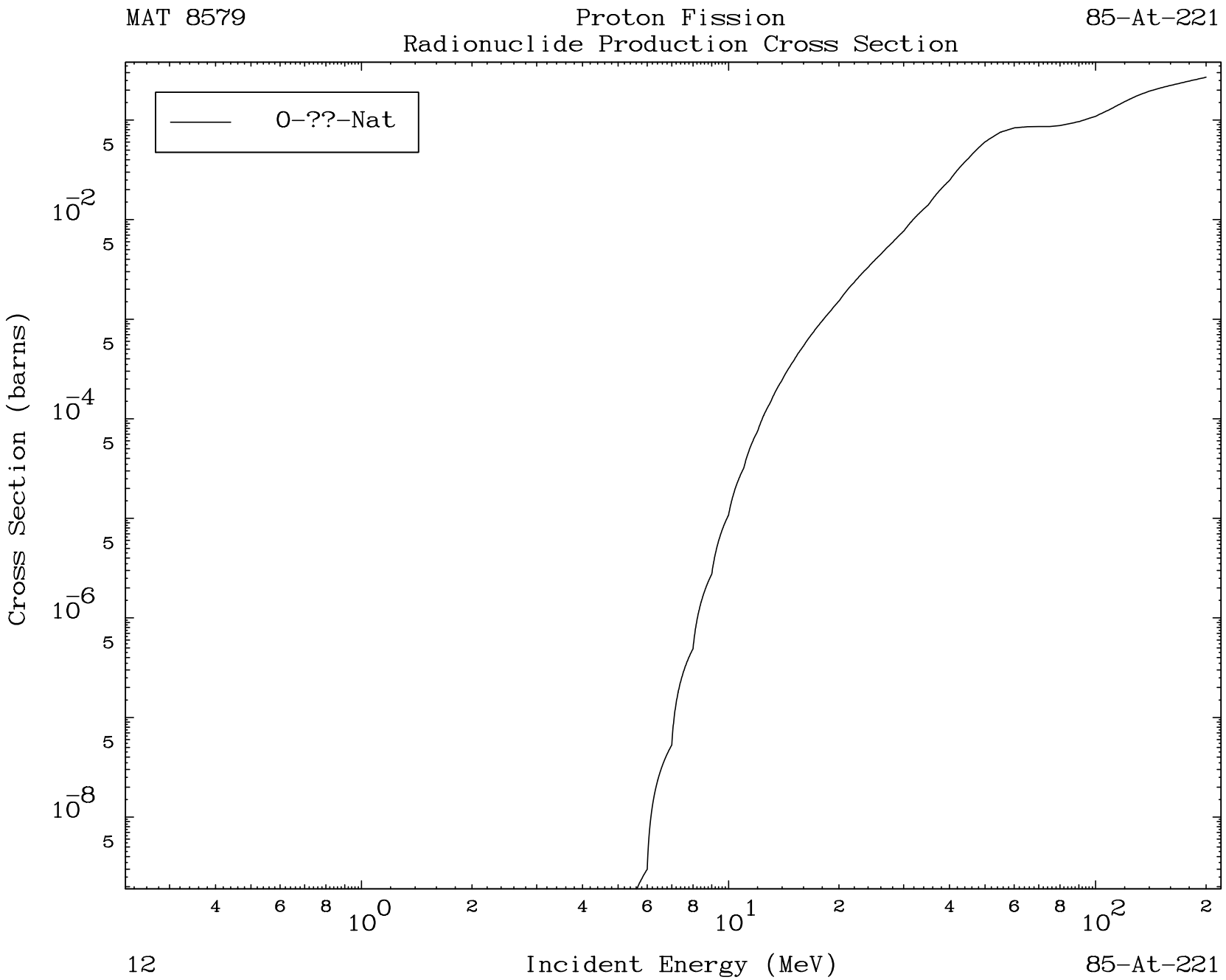

MAT 8579
(p,p) Levels
85-At-221
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
85-At-221

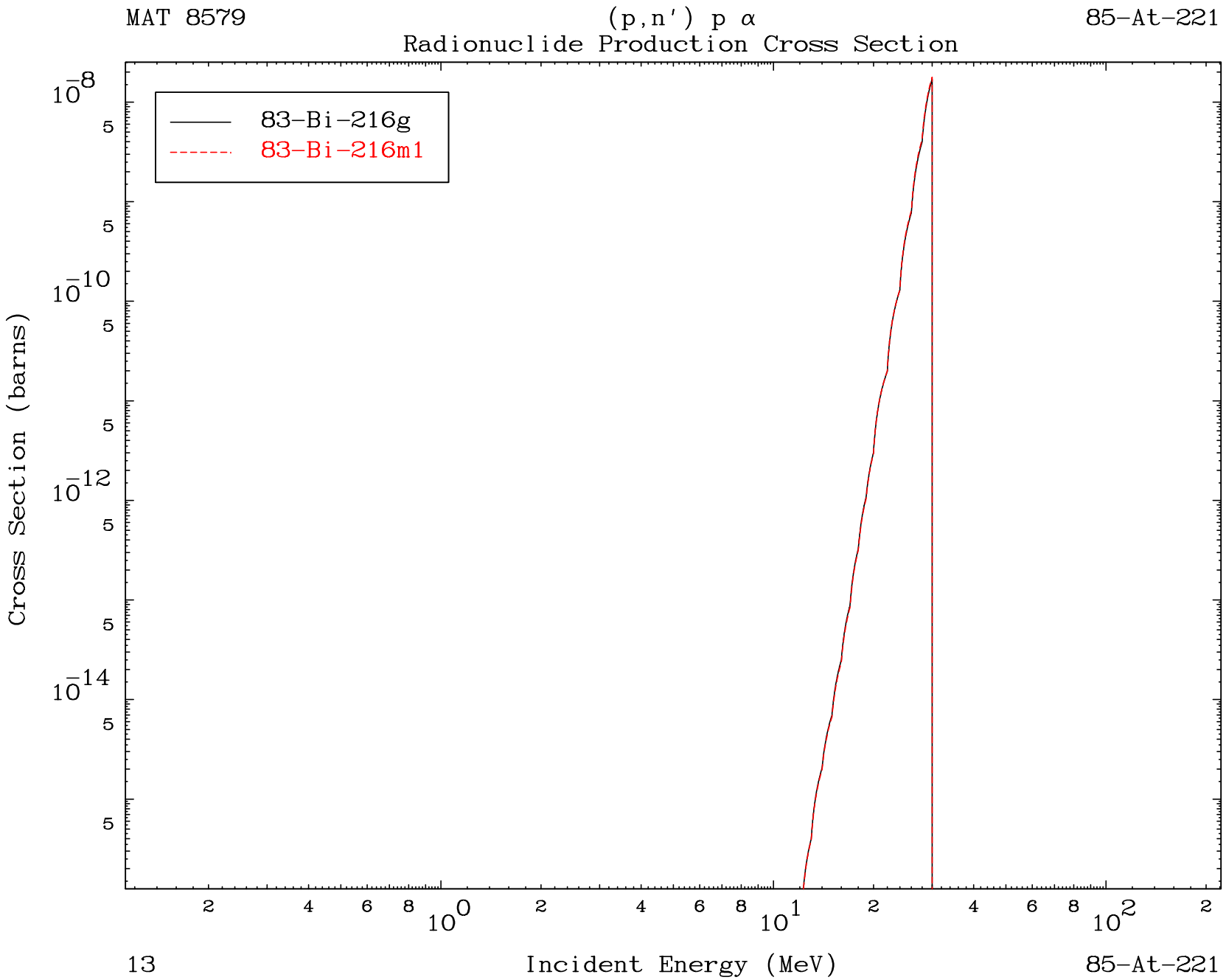

MAT 8579
(p,d) Levels
85-At-221
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-221

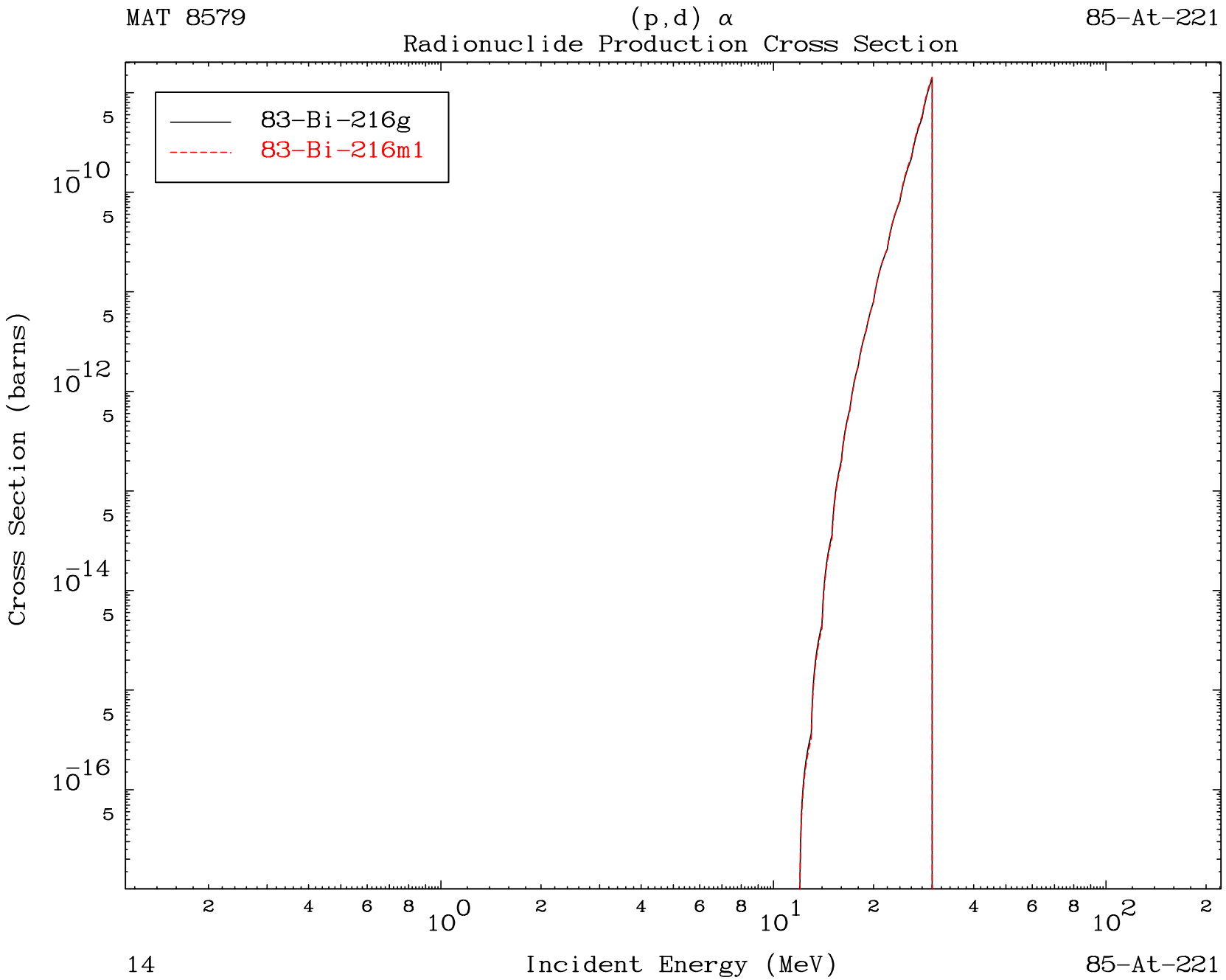

MAT 8579
(p,t) Levels
85-At-221
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
9
85-At-221


MAT 8579
(p,He3) Levels
85-At-221
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
85-At-221


MAT 8579
(p,α) Levels
85-At-221
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
85-At-221


MAT 8579
Proton Fission
85-At-221
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
85-At-221


MAT 8579
(p,n') p α
85-At-221
Radionuclide Production Cross Section
83-Bi-216g
83-Bi-216m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
13
85-At-221


MAT 8579
(p,d) α
85-At-221
Radionuclide Production Cross Section
83-Bi-216g
83-Bi-216m1
Cross Section (barns)
Incident Energy (MeV)
14
85-At-221