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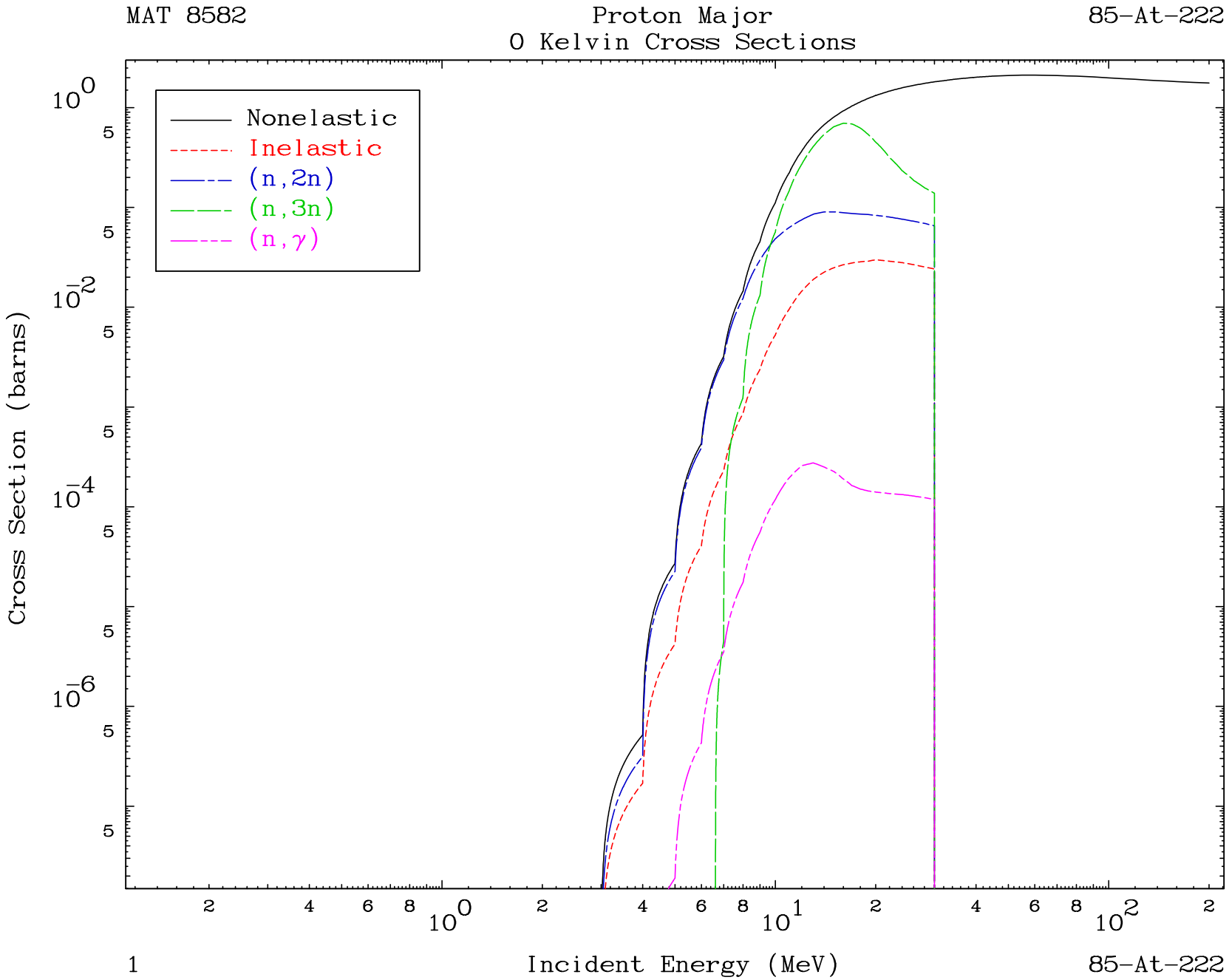
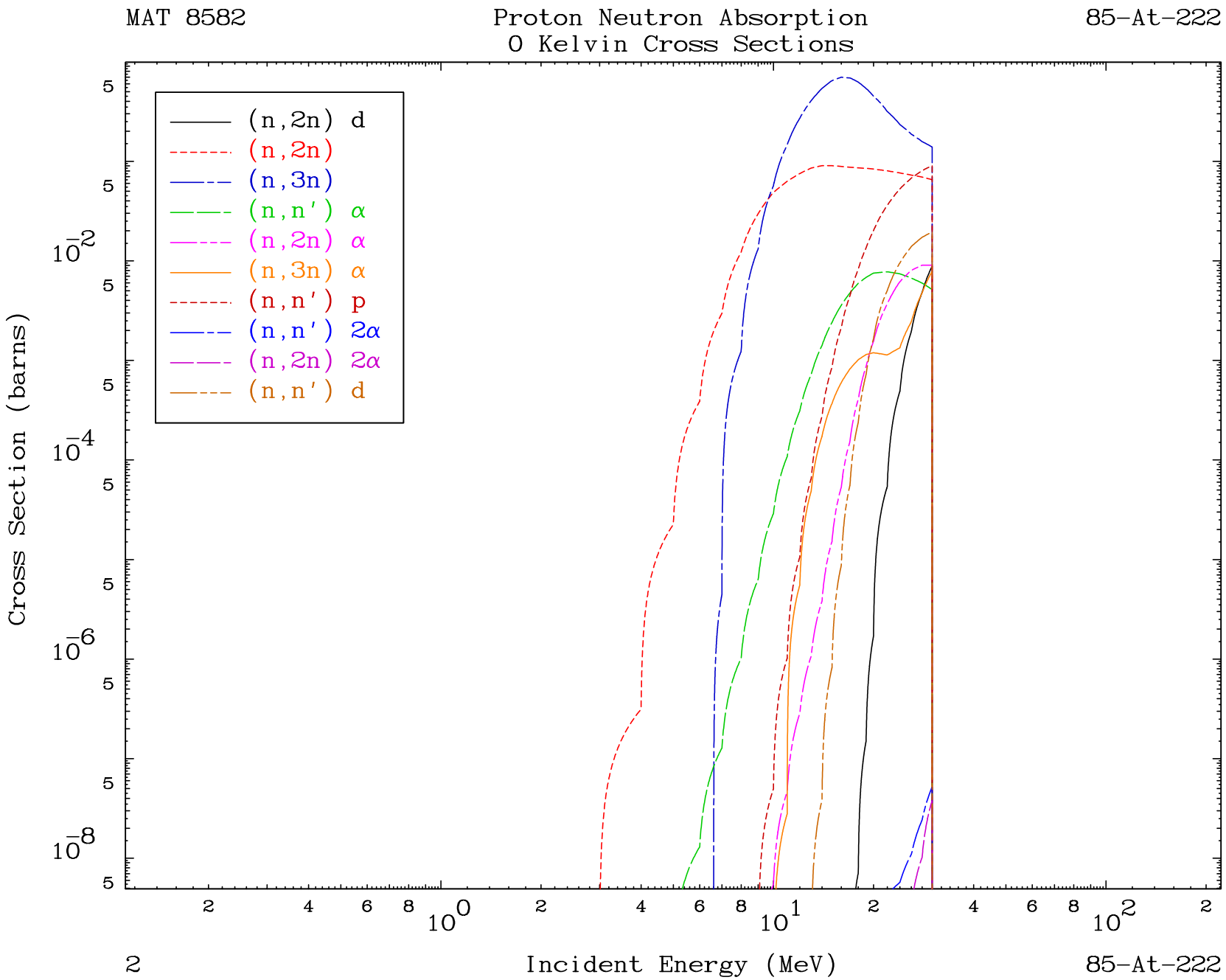
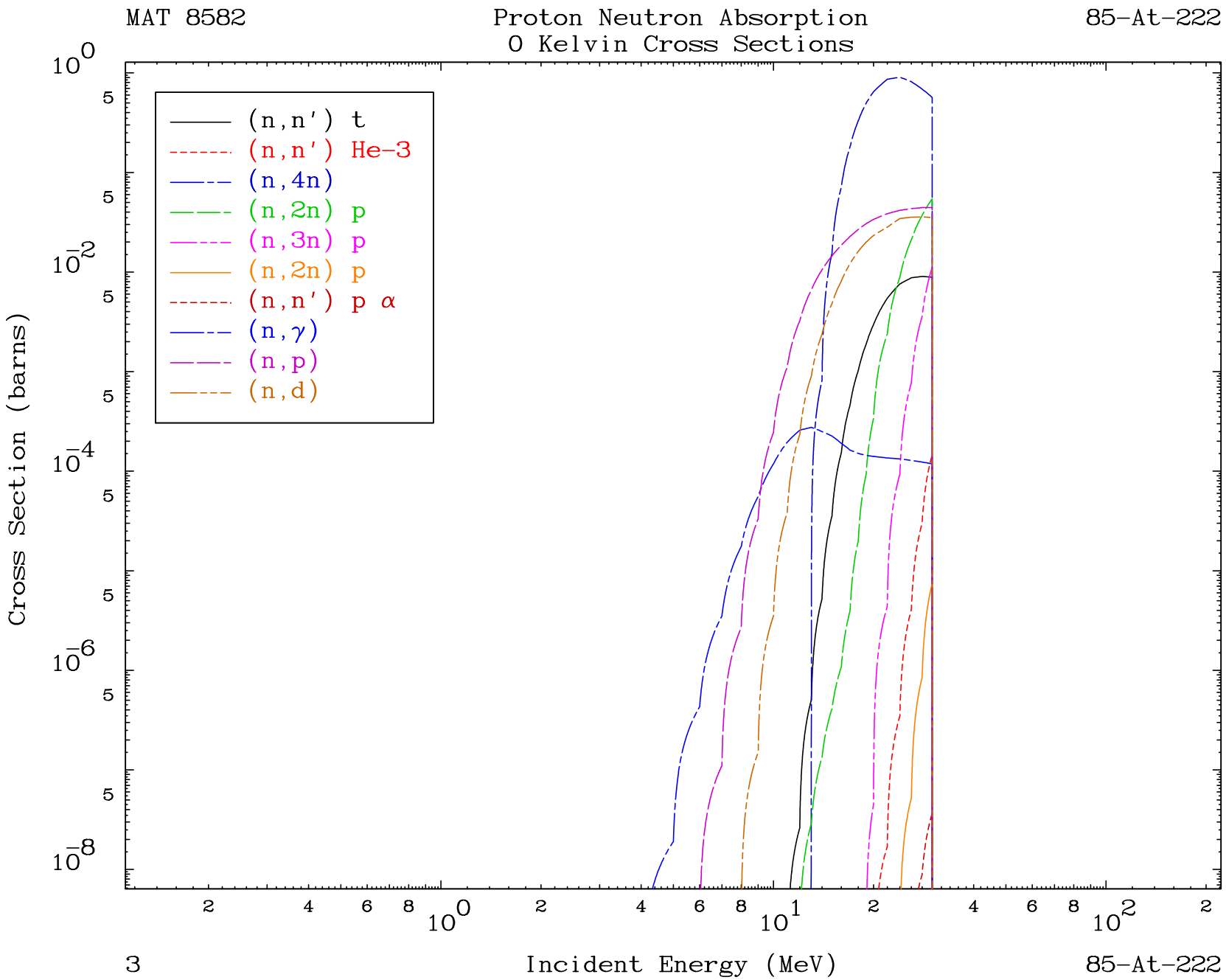
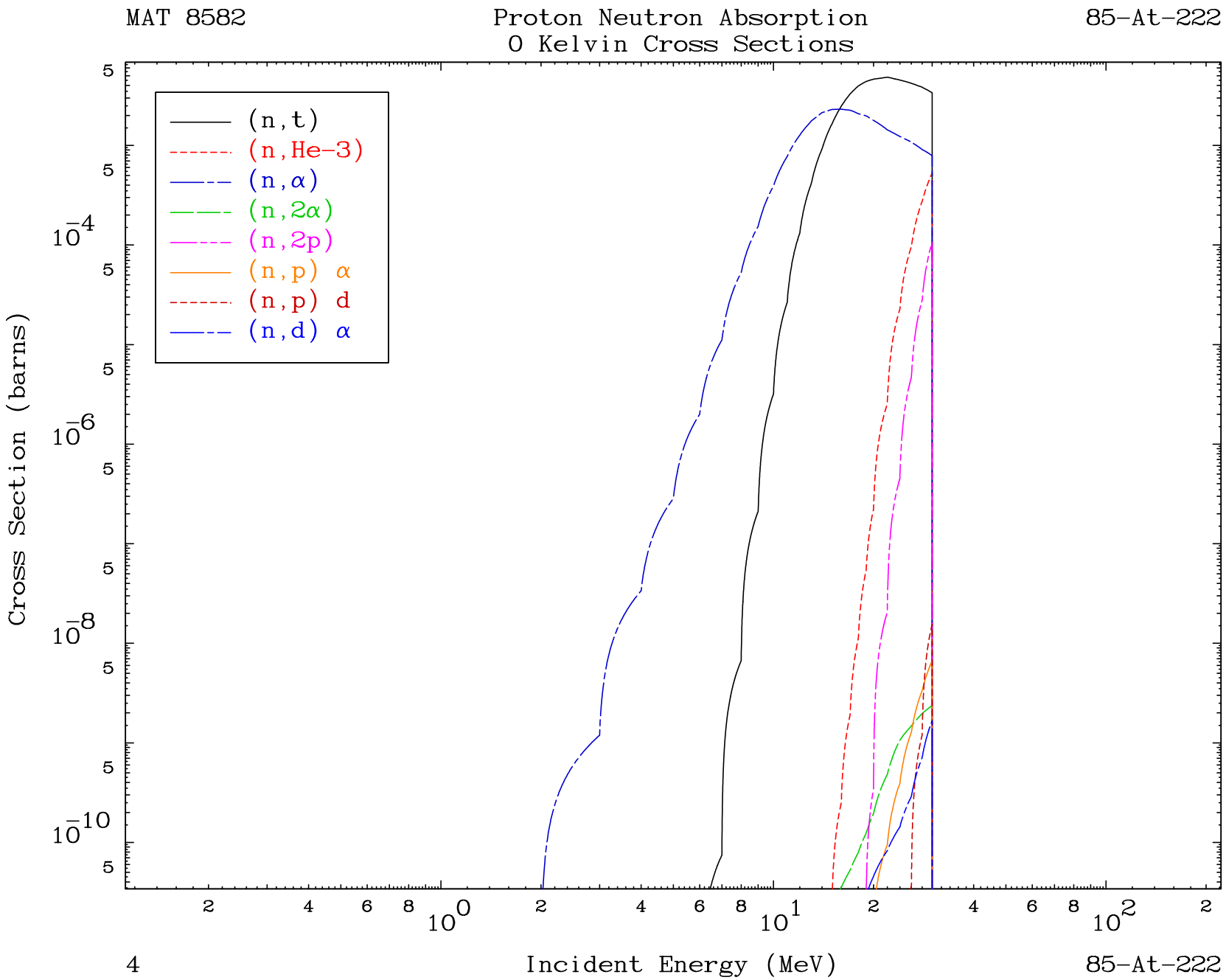
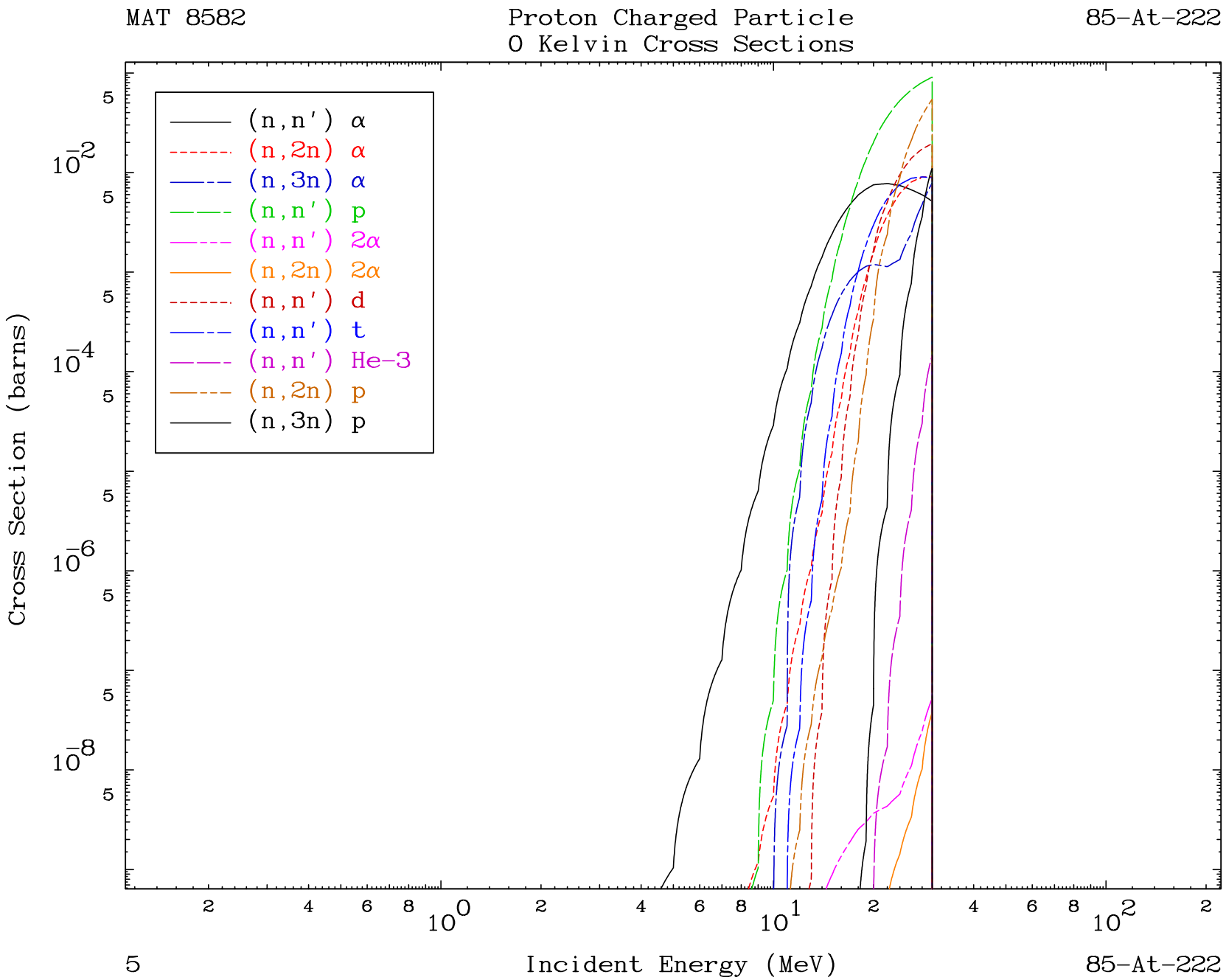
Press Mouse Button to Start

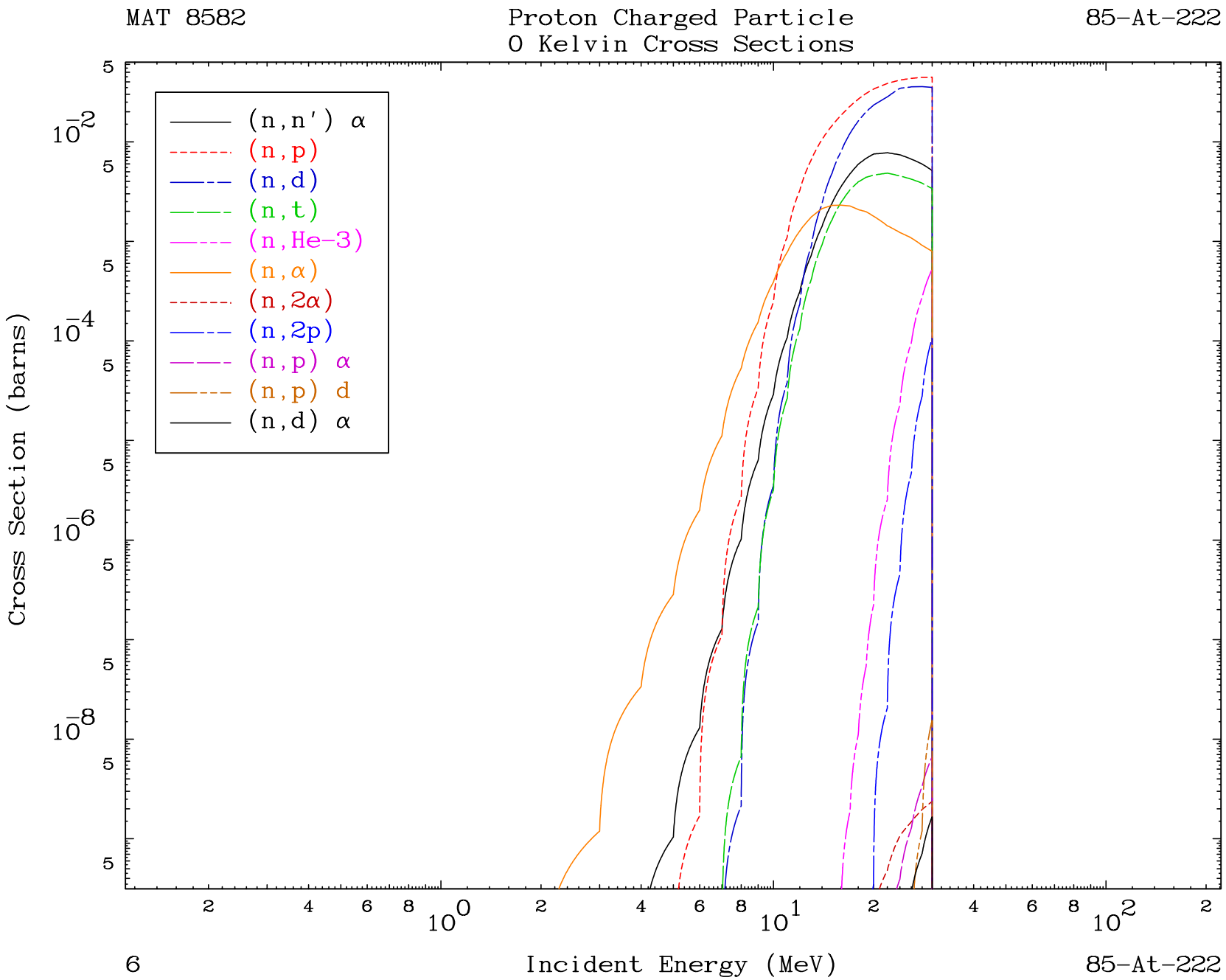

MAT 8582
Proton Major
85-At-222
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-222
1

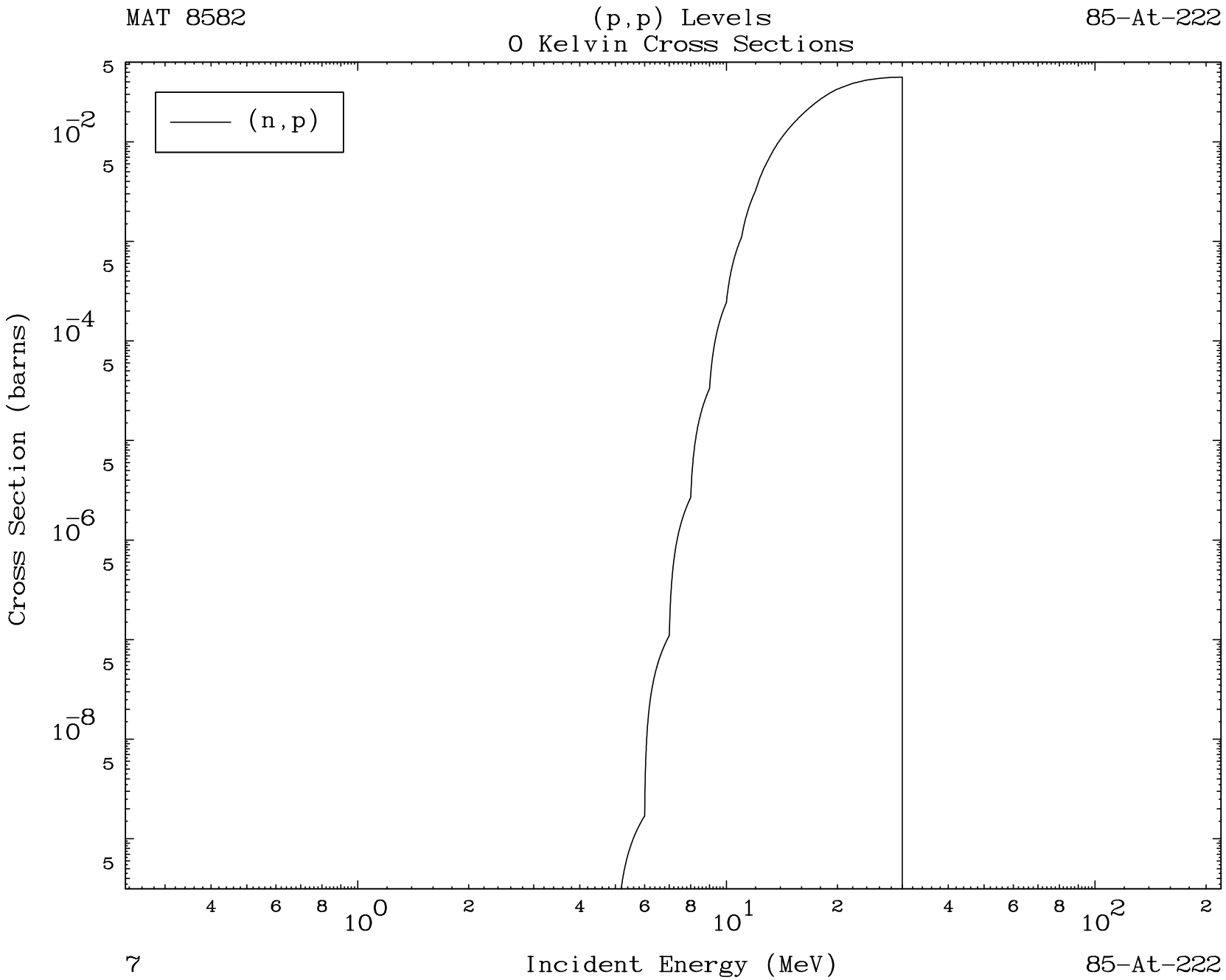

MAT 8582
Proton Neutron Absorption
0 Kelvin Cross Sections
85-At-222
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
85-At-222

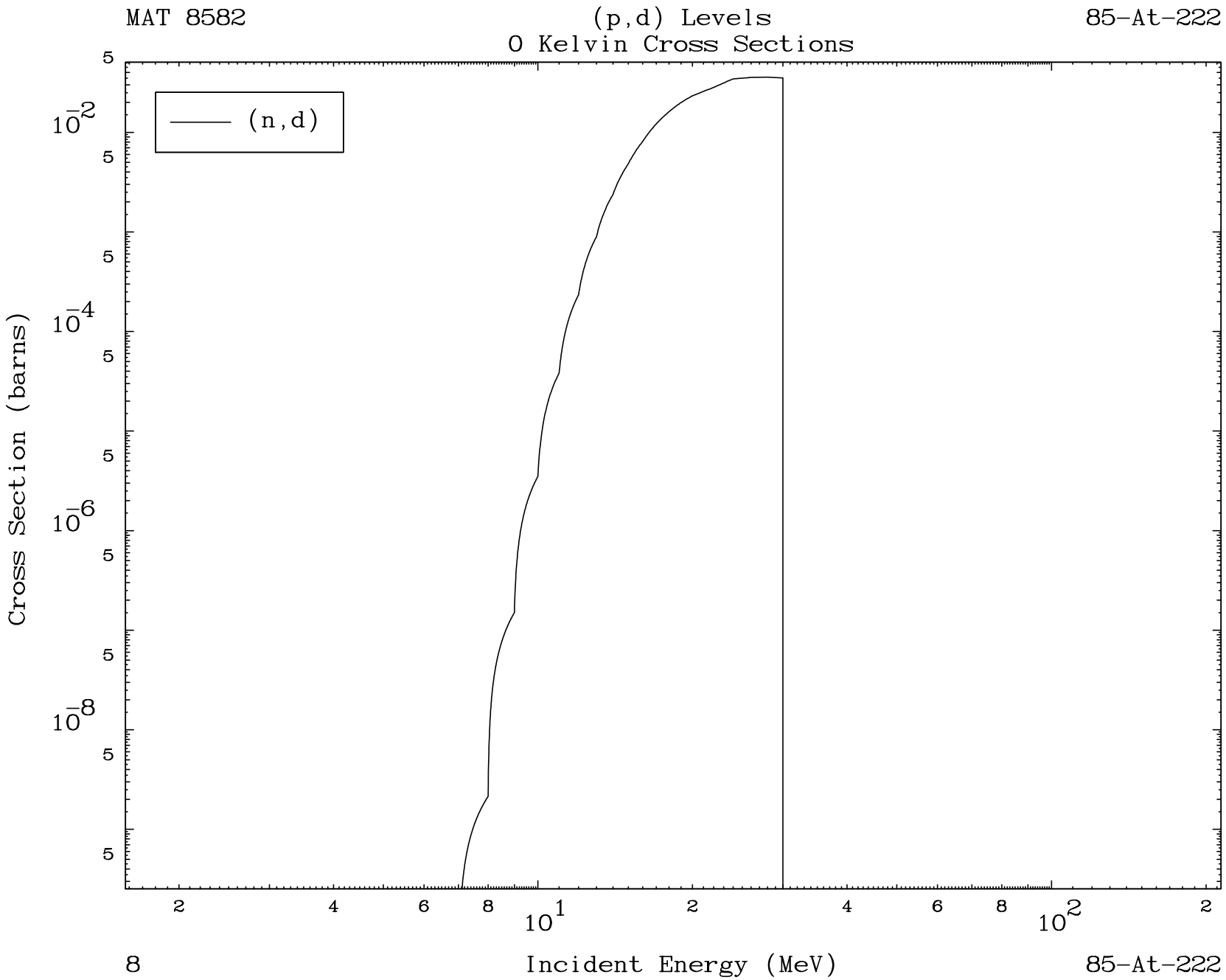

MAT 8582
Proton Neutron Absorption
0 Kelvin Cross Sections
85-At-222
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
85-At-222

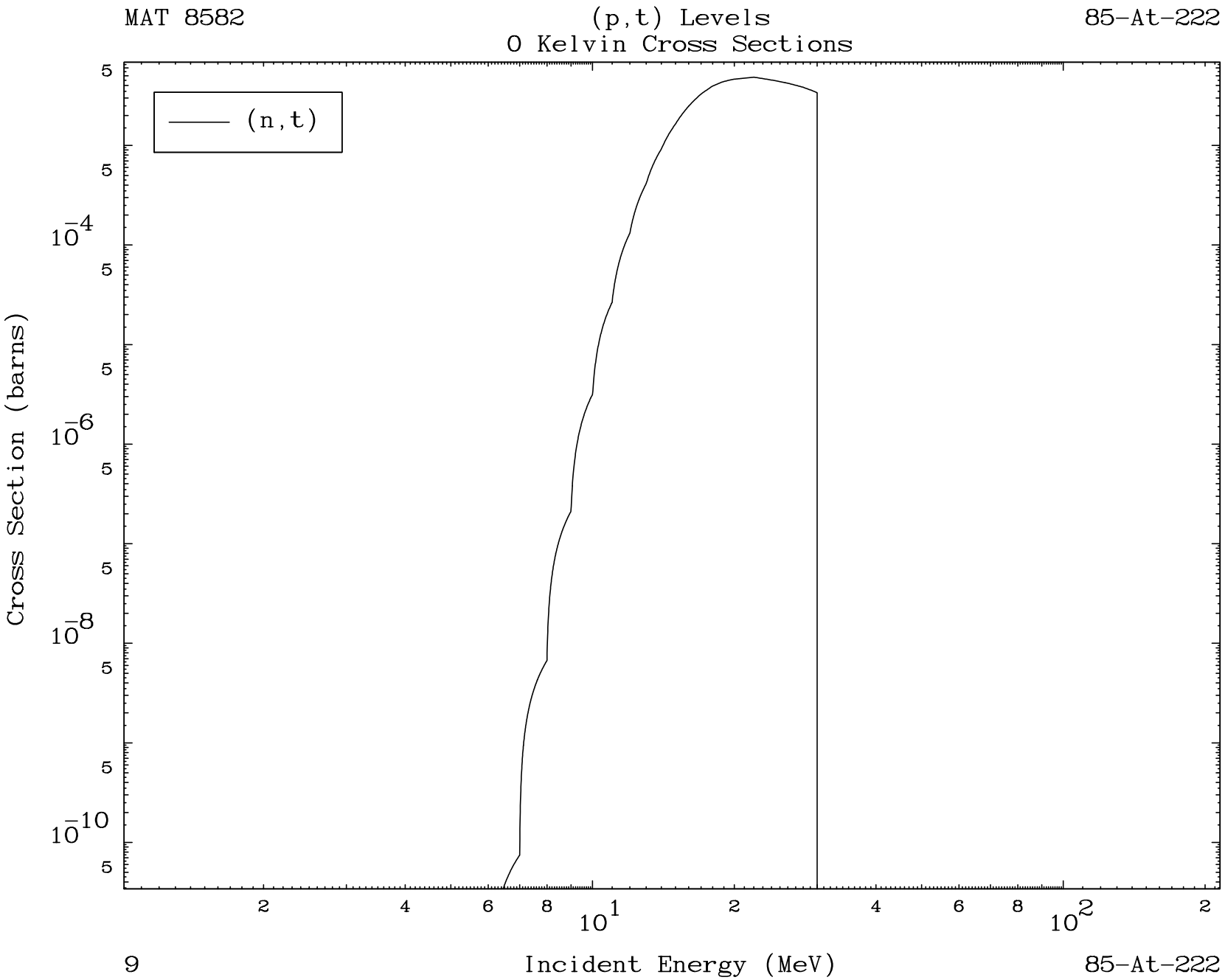

MAT 8582
Proton Neutron Absorption
0 Kelvin Cross Sections
85-At-222
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
85-At-222

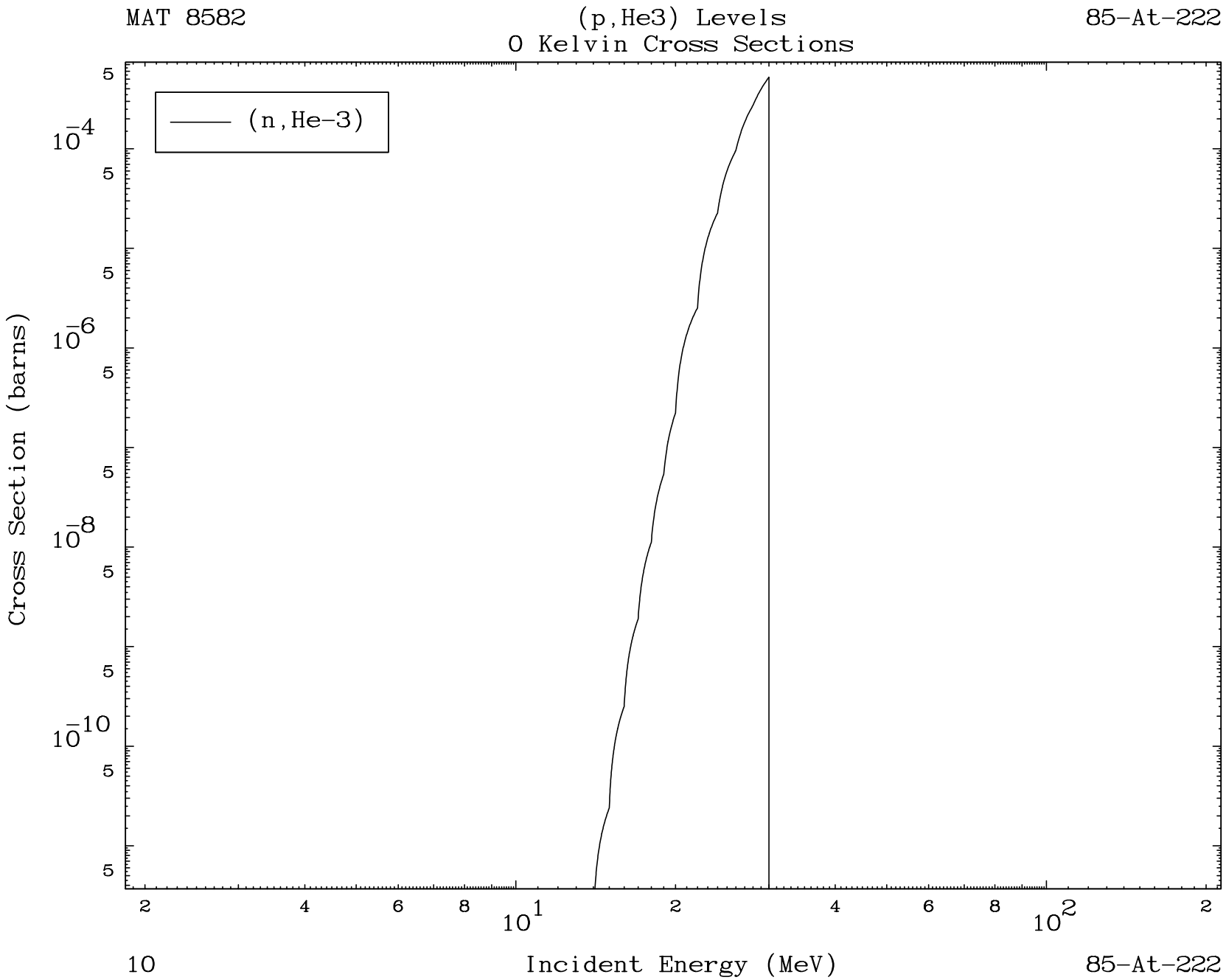

MAT 8582
Proton Charged Particle
0 Kelvin Cross Sections
85-At-222
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
5
85-At-222

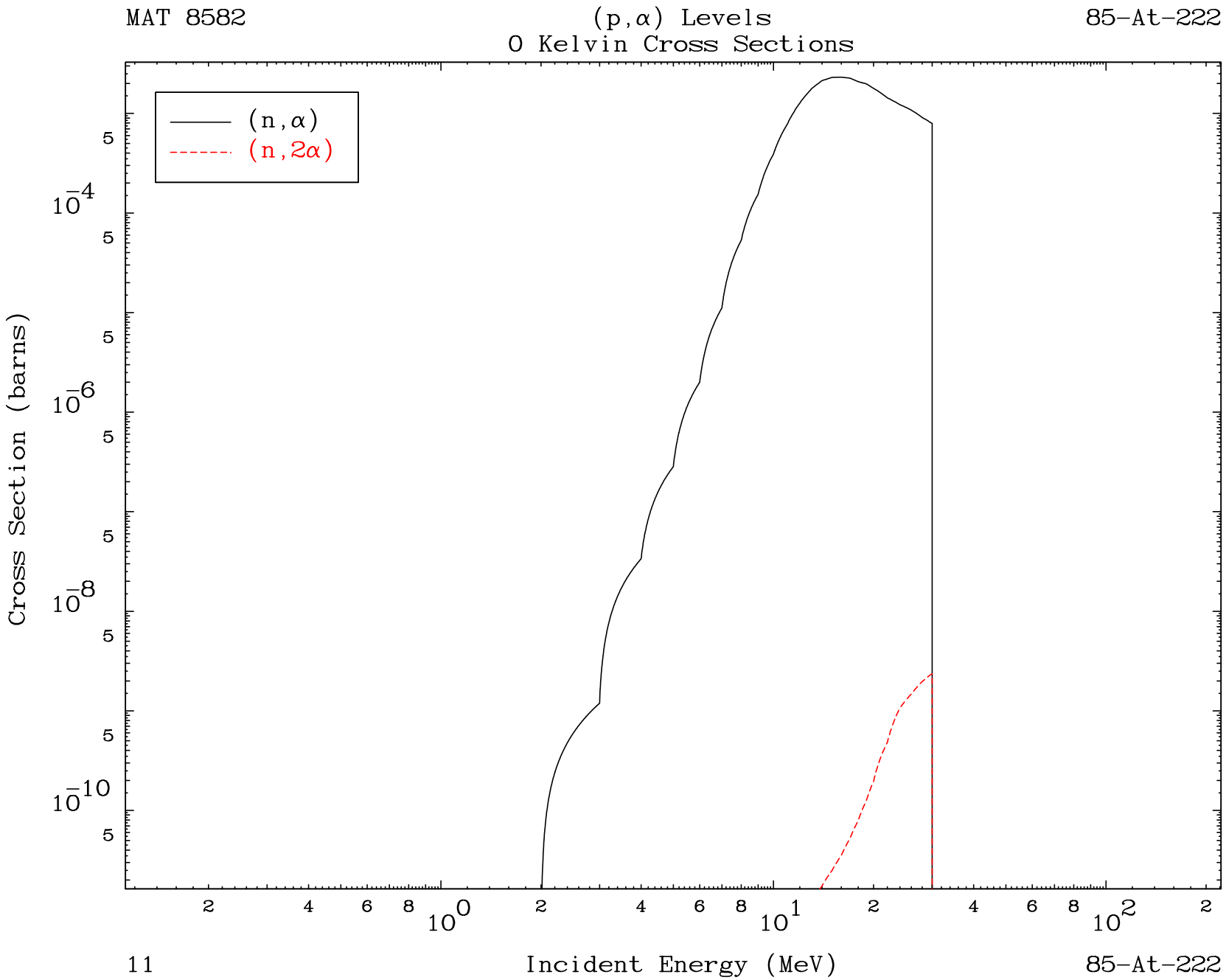

MAT 8582
Proton Charged Particle
0 Kelvin Cross Sections
85-At-222
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
85-At-222

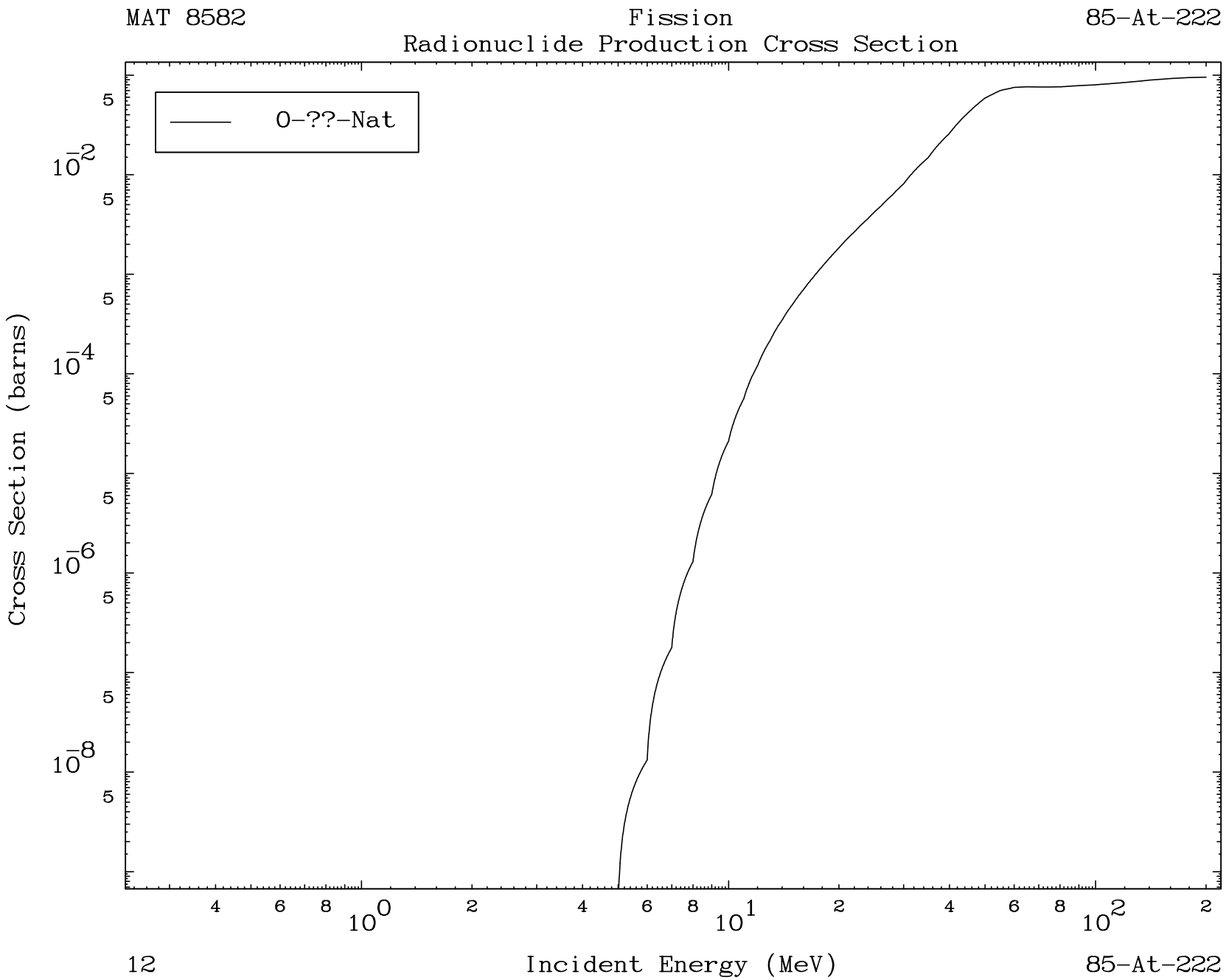

MAT 8582
(p,p) Levels
85-At-222
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
85-At-222


MAT 8582
(p,d) Levels
85-At-222
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-222


MAT 8582
(p,t) Levels
85-At-222
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
85-At-222


MAT 8582
(p,He3) Levels
85-At-222
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
85-At-222


MAT 8582
(p,α) Levels
85-At-222
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
85-At-222


MAT 8582
Fission
85-At-222
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
12
85-At-222