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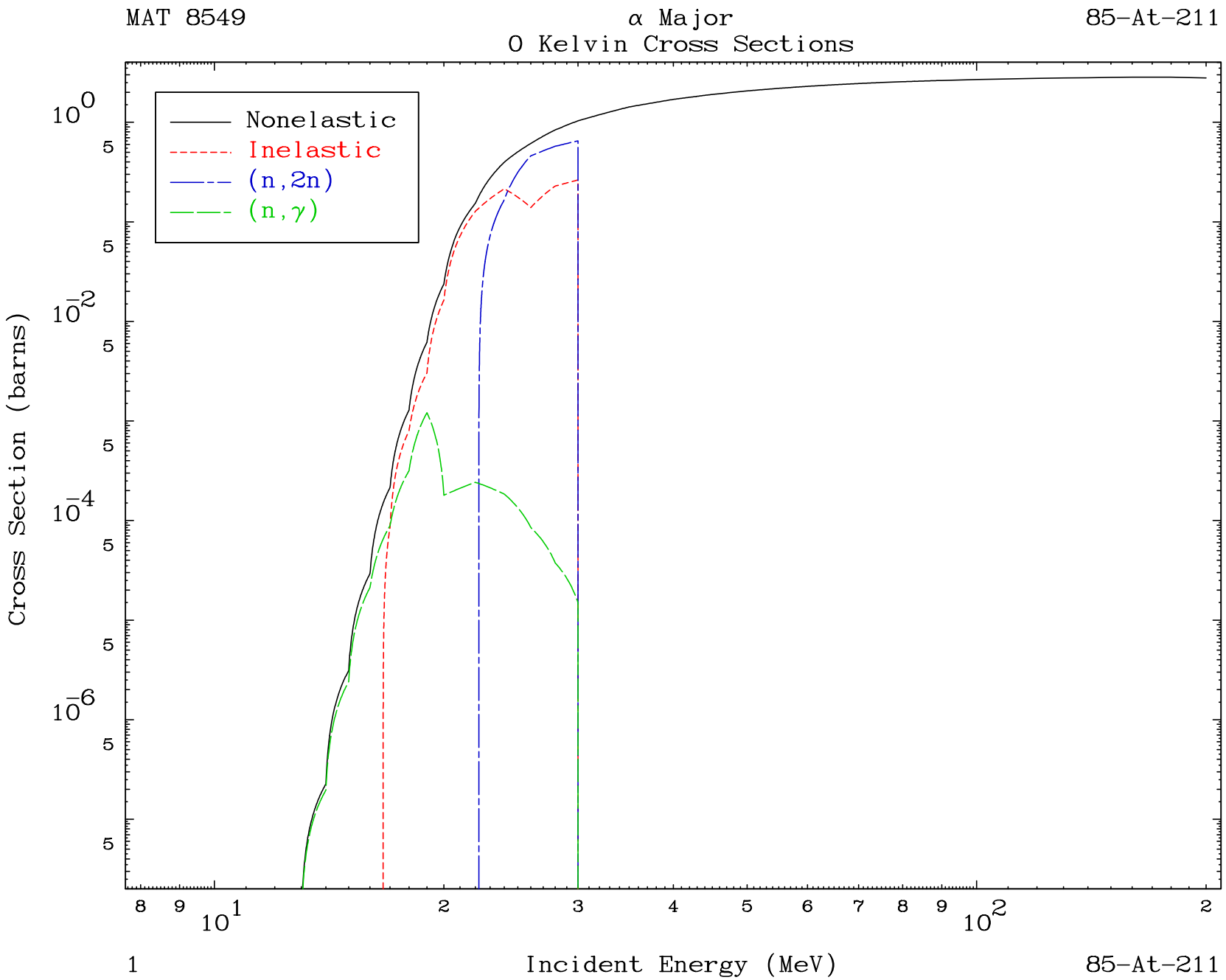
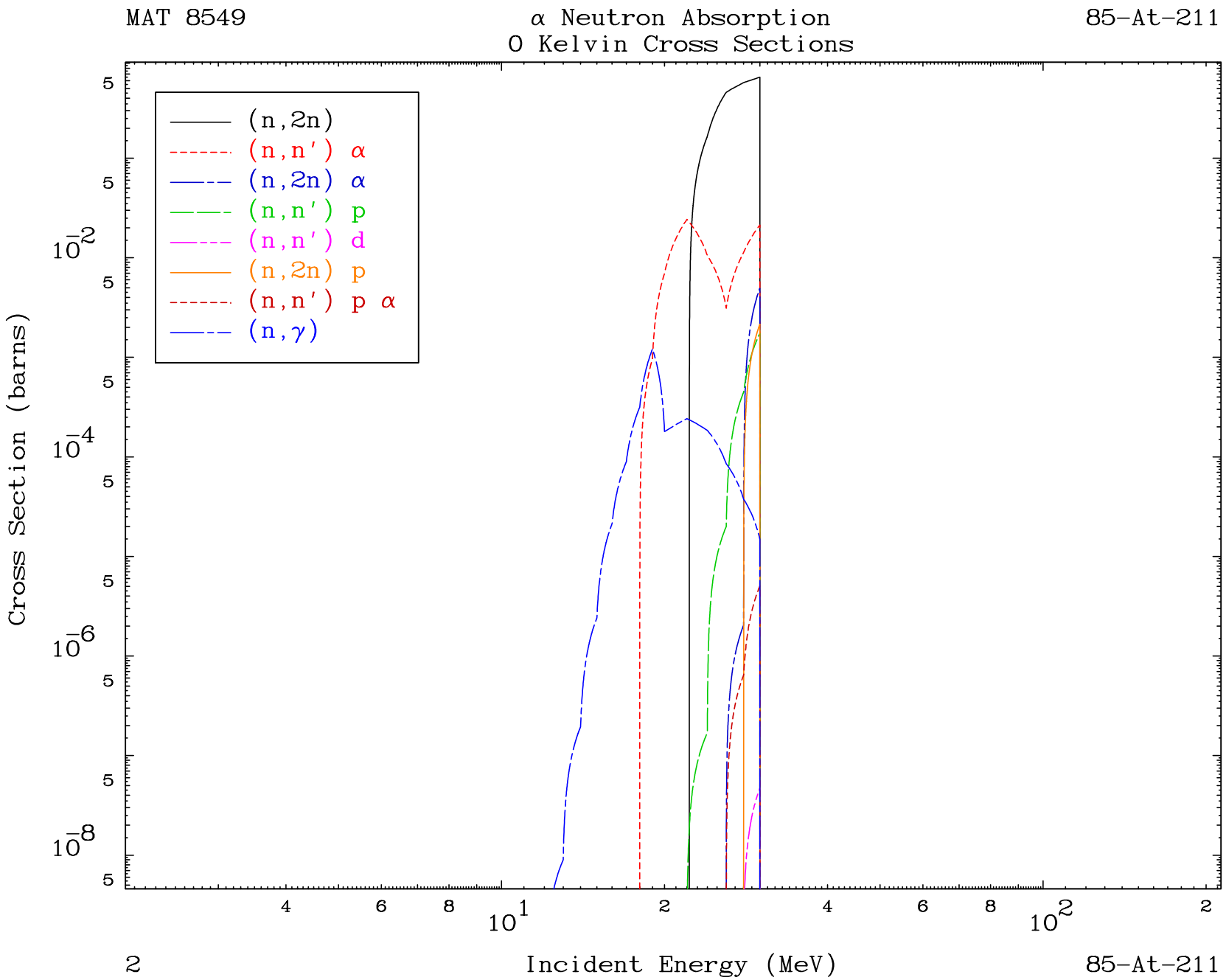
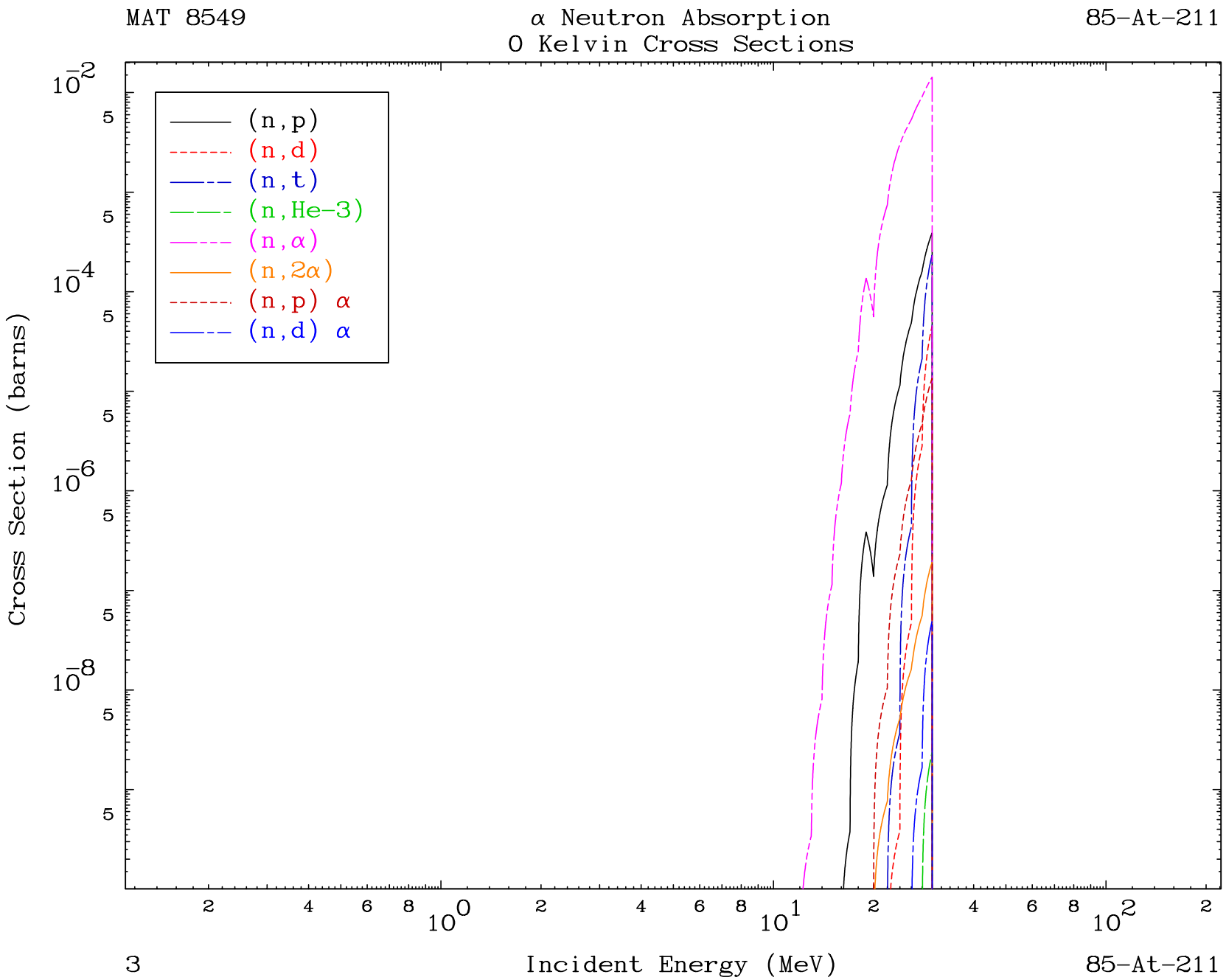
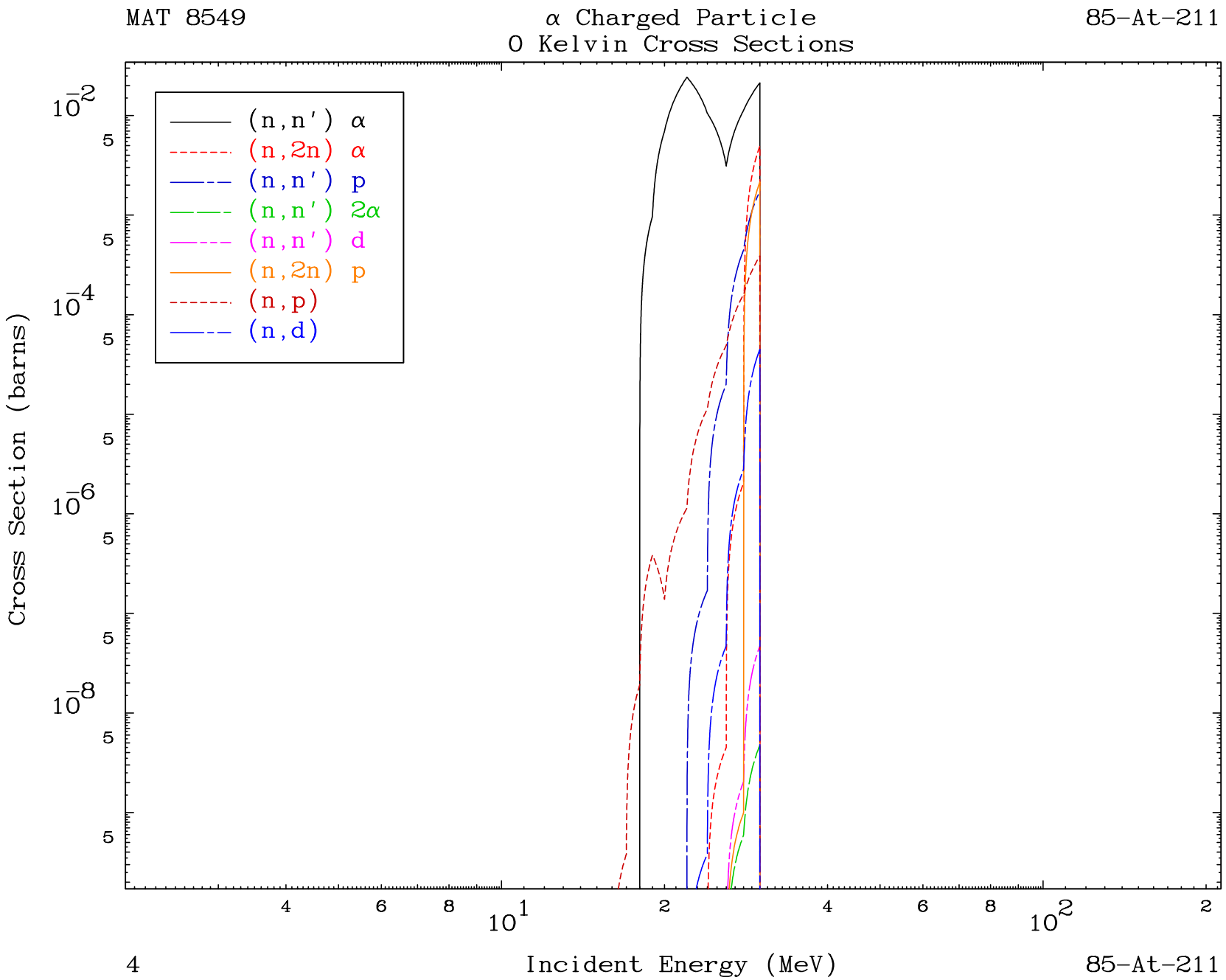
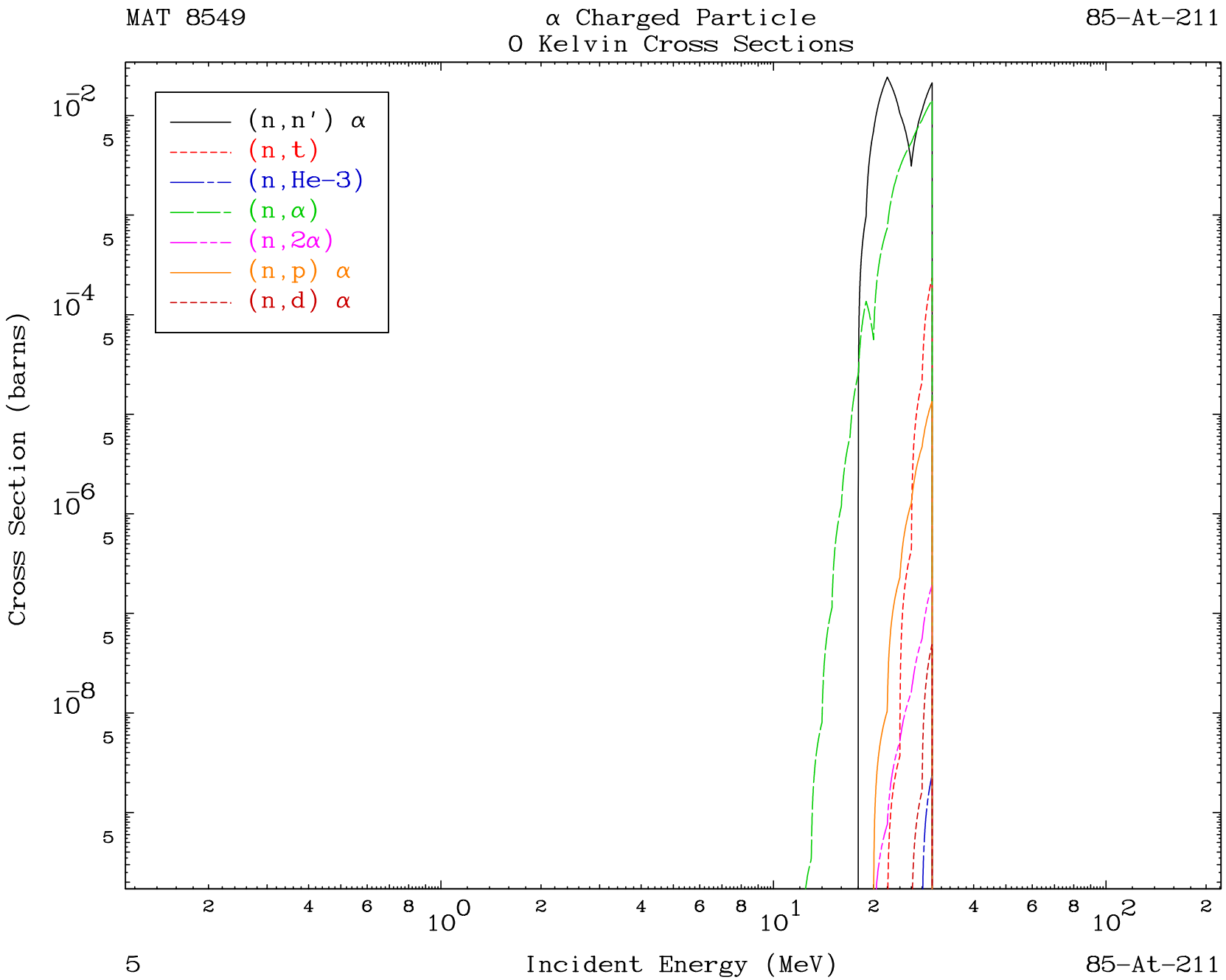
Press Mouse Button to Start

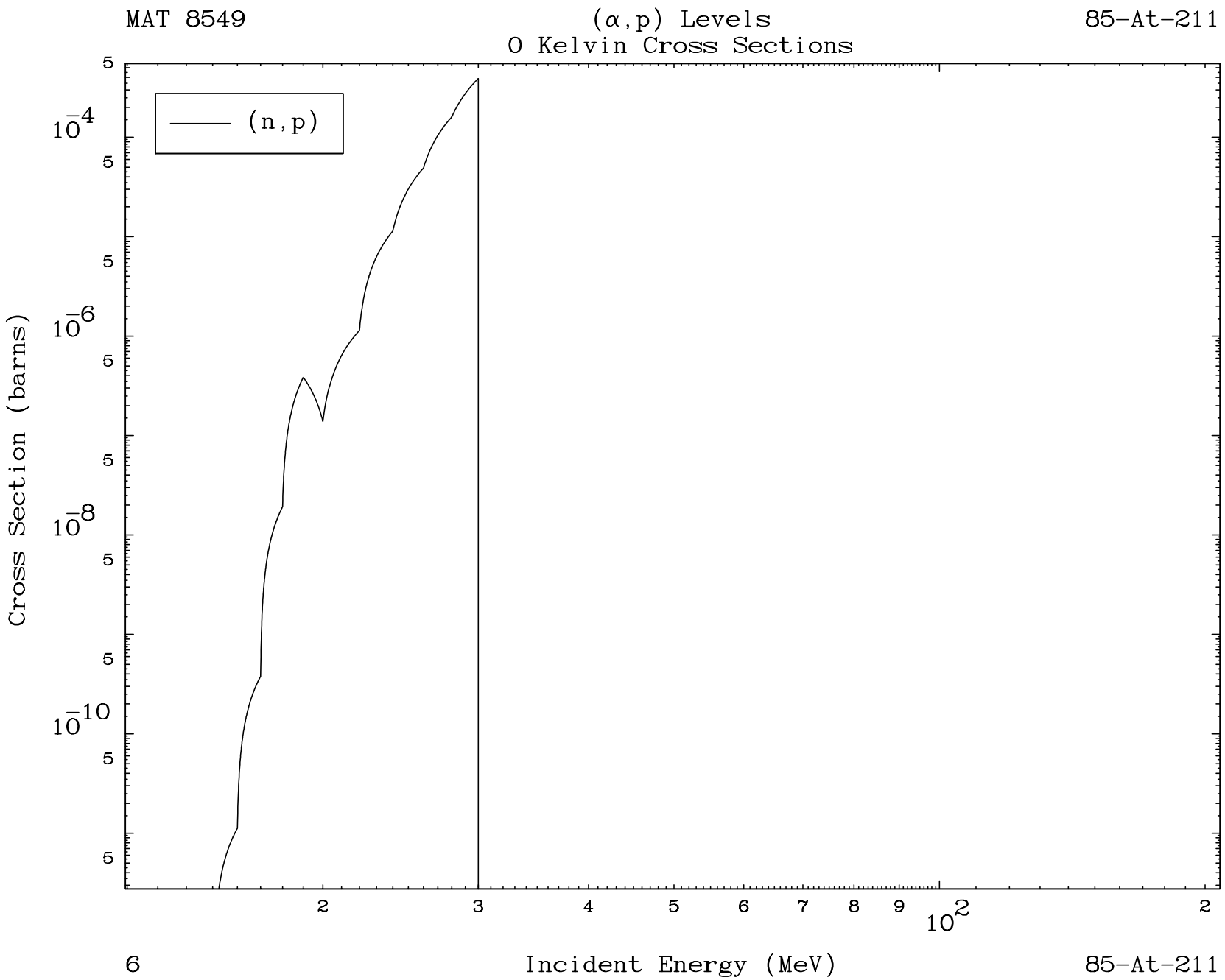

MAT 8549
α Major
85-At-211
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-211

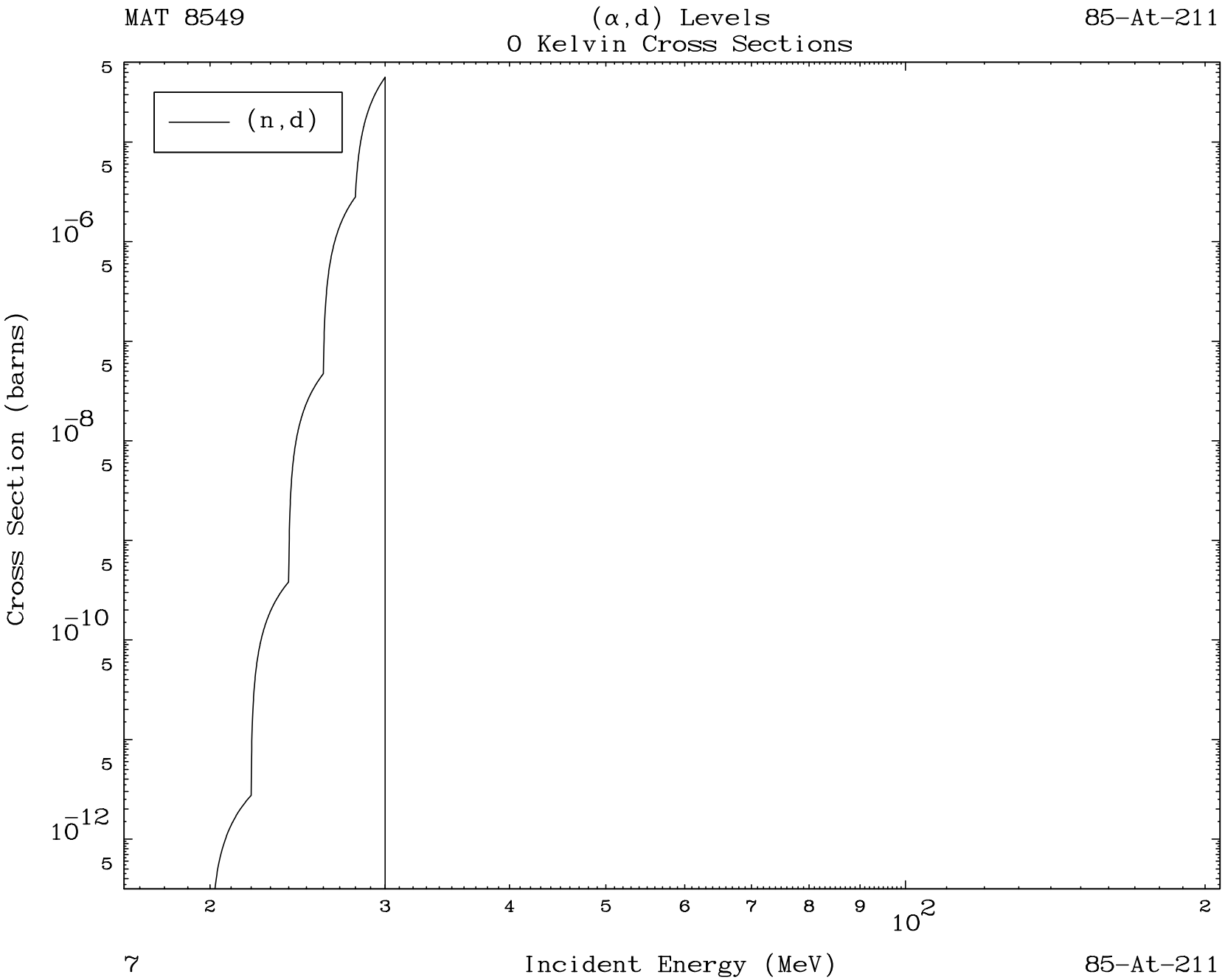

MAT 8549
α Neutron Absorption
0 Kelvin Cross Sections
85-At-211
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,n') p α
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-211

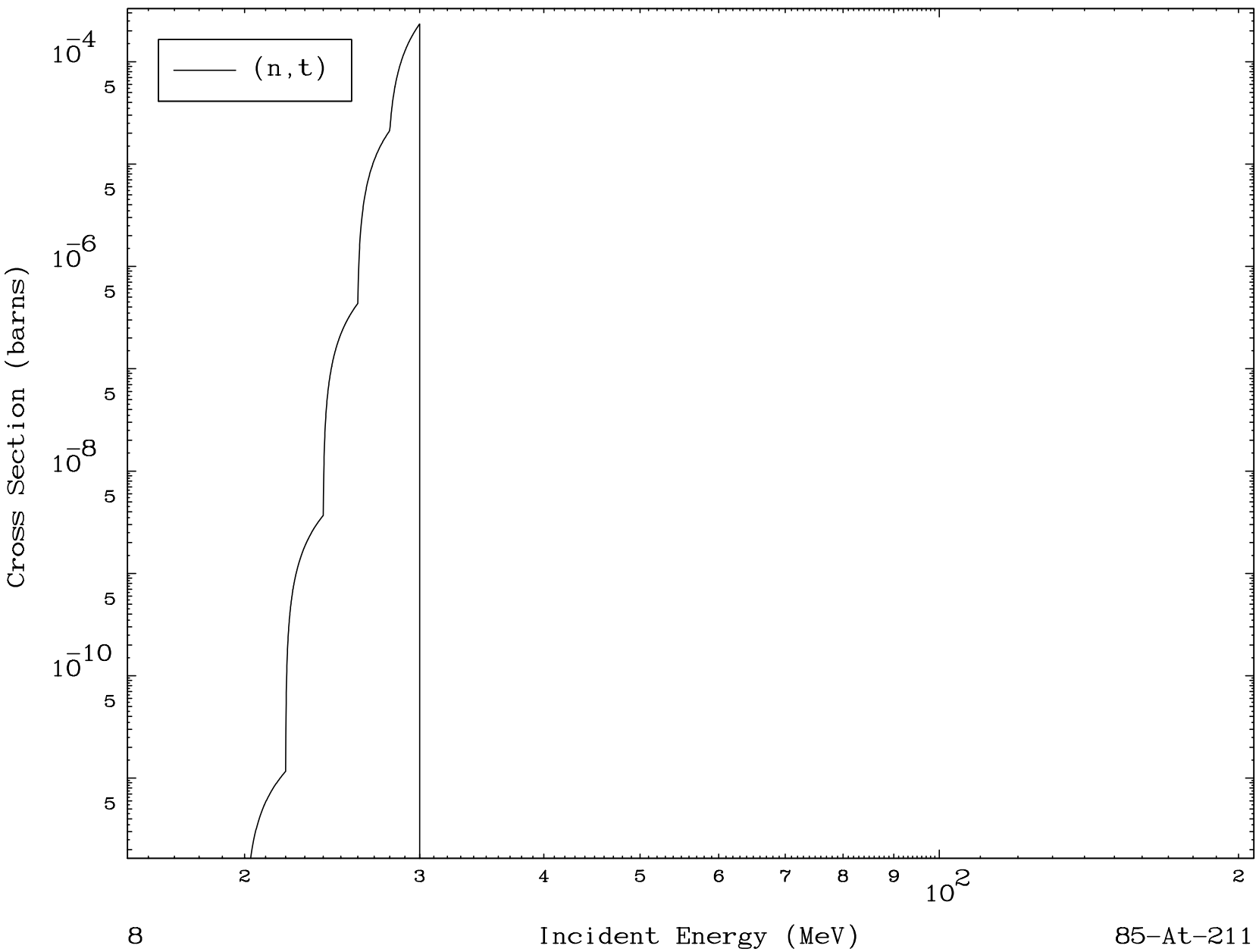

MAT 8549
α Neutron Absorption
0 Kelvin Cross Sections
85-At-211
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
85-At-211

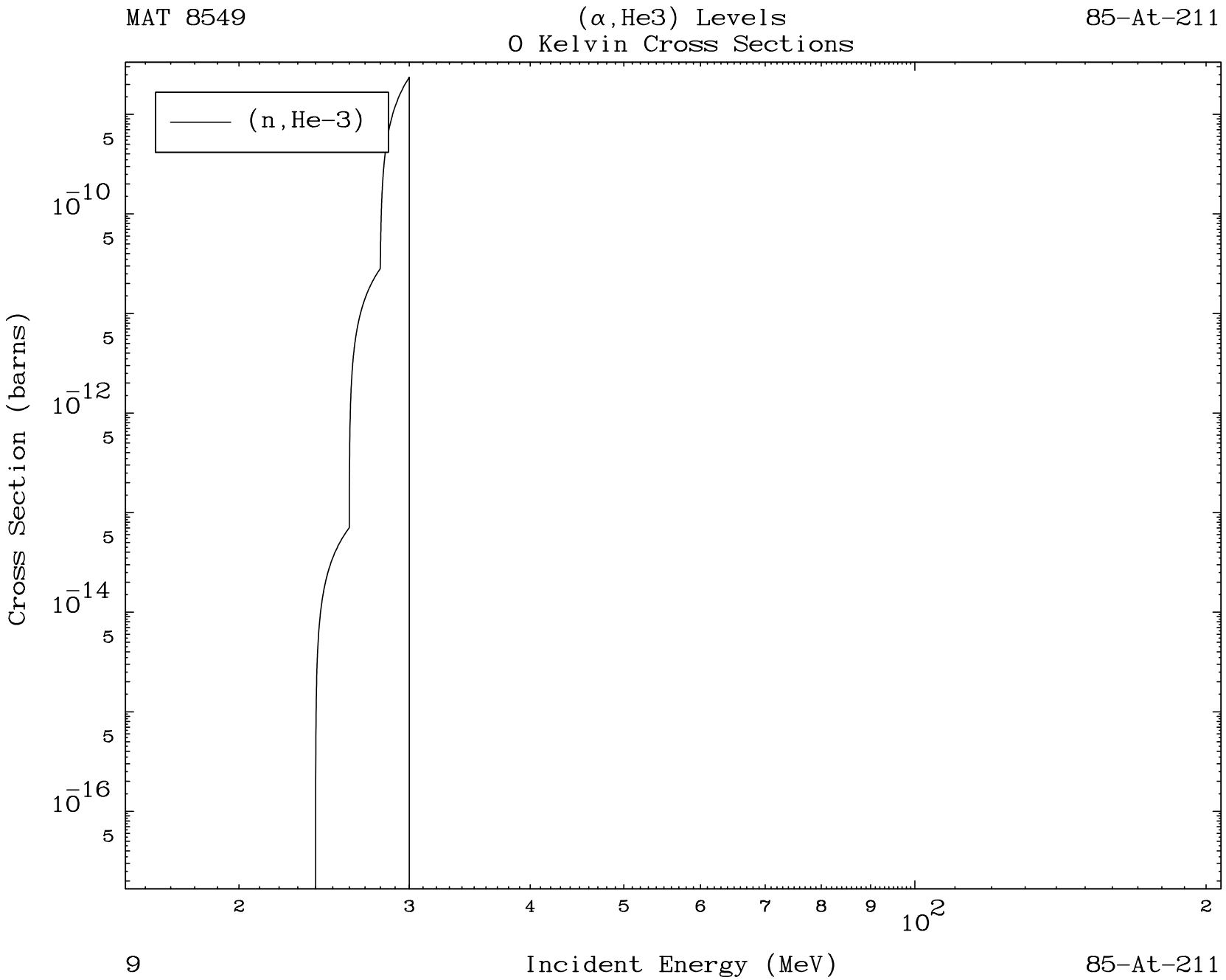

MAT 8549
α Charged Particle
0 Kelvin Cross Sections
85-At-211
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
85-At-211

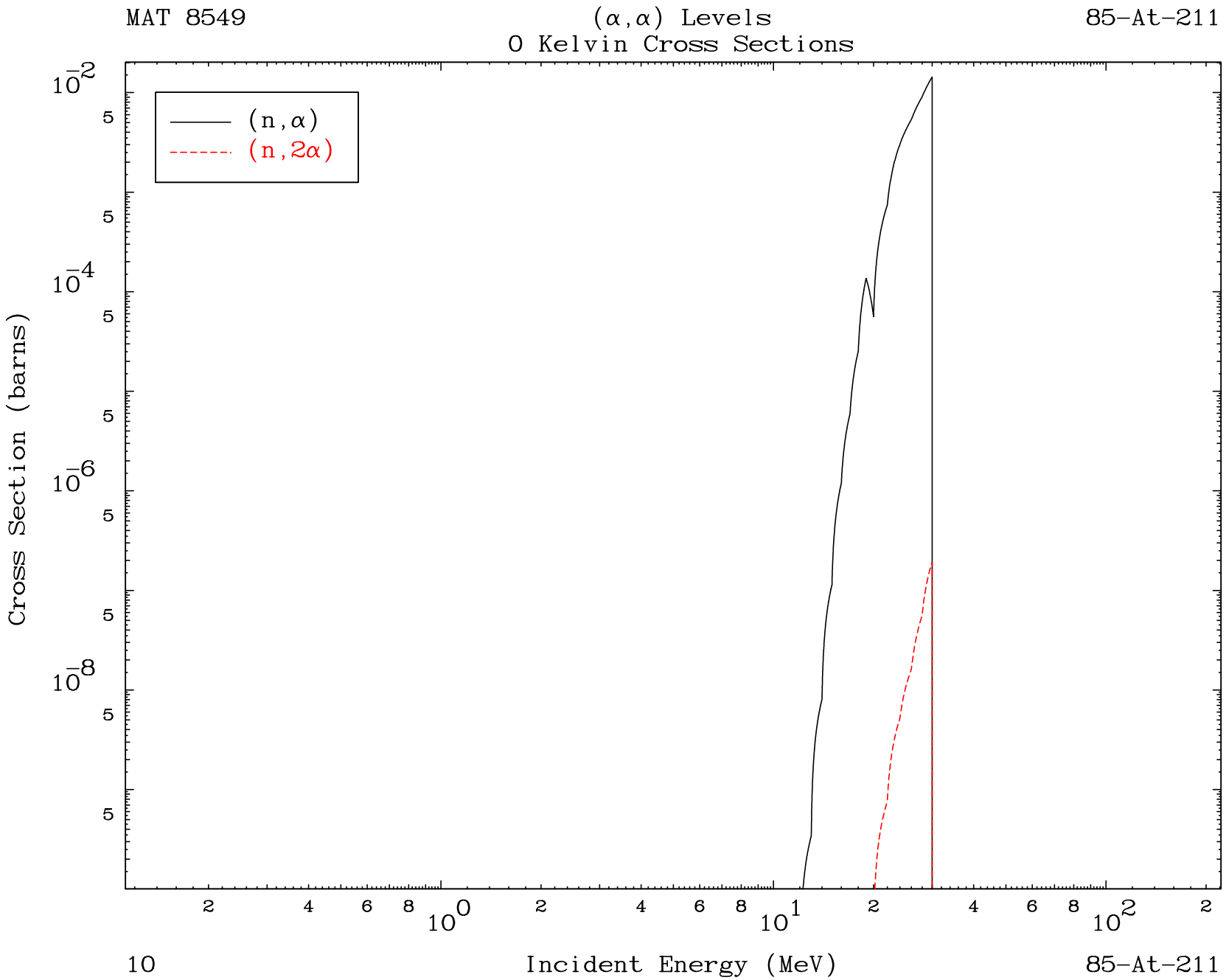

MAT 8549
α Charged Particle
0 Kelvin Cross Sections
85-At-211
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
5
85-At-211

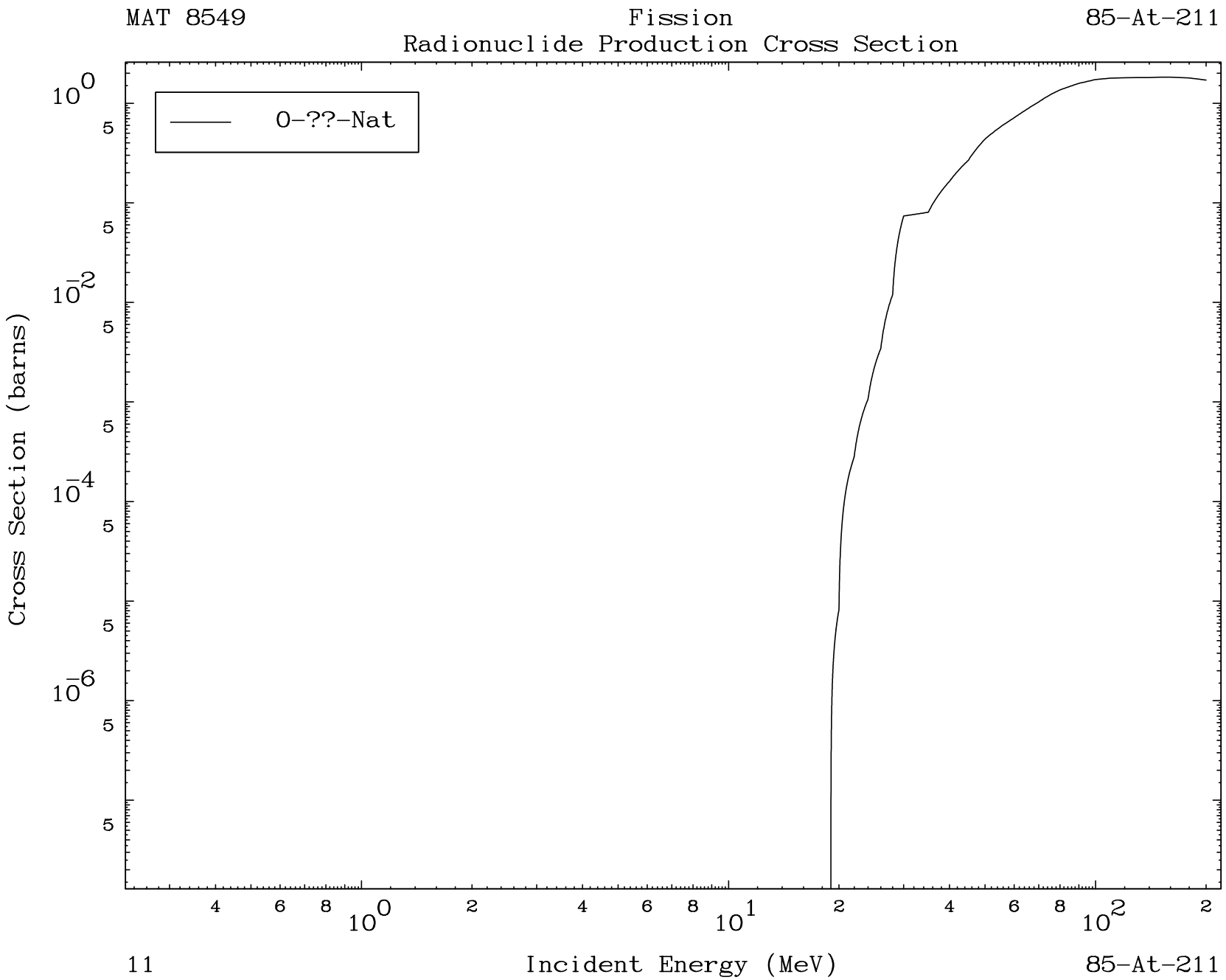

MAT 8549
(α,p) Levels
85-At-211
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
85-At-211

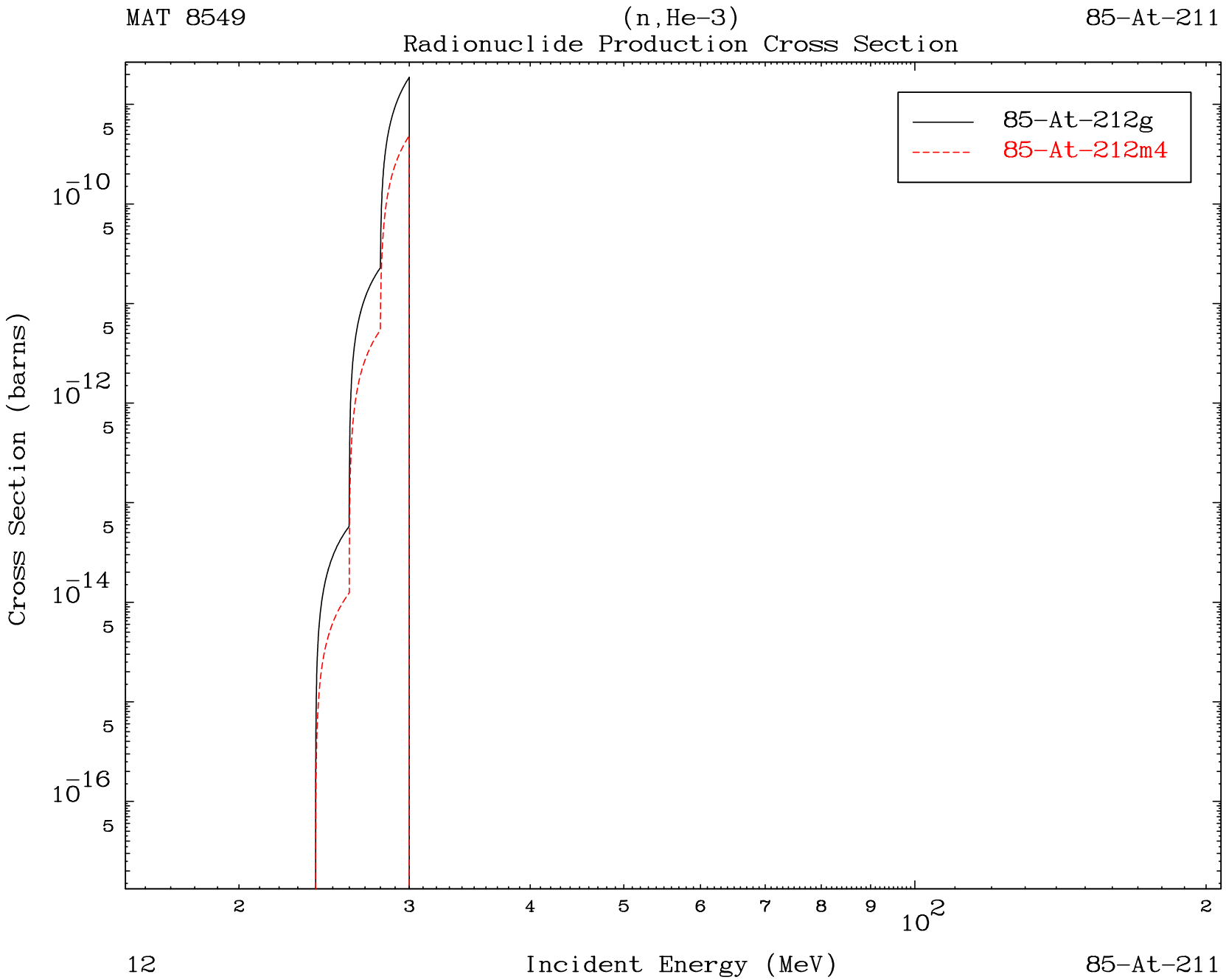

MAT 8549
(α,d) Levels
85-At-211
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
85-At-211


0 Kelvin Cross Sections
(n,t)
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
Incident Energy (MeV)


MAT 8549
(α,He3) Levels
85-At-211
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
85-At-211


MAT 8549
(α,α) Levels
85-At-211
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
85-At-211


MAT 8549
Fission
85-At-211
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
85-At-211


MAT 8549
(n,He-3)
85-At-211
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
85-At-211