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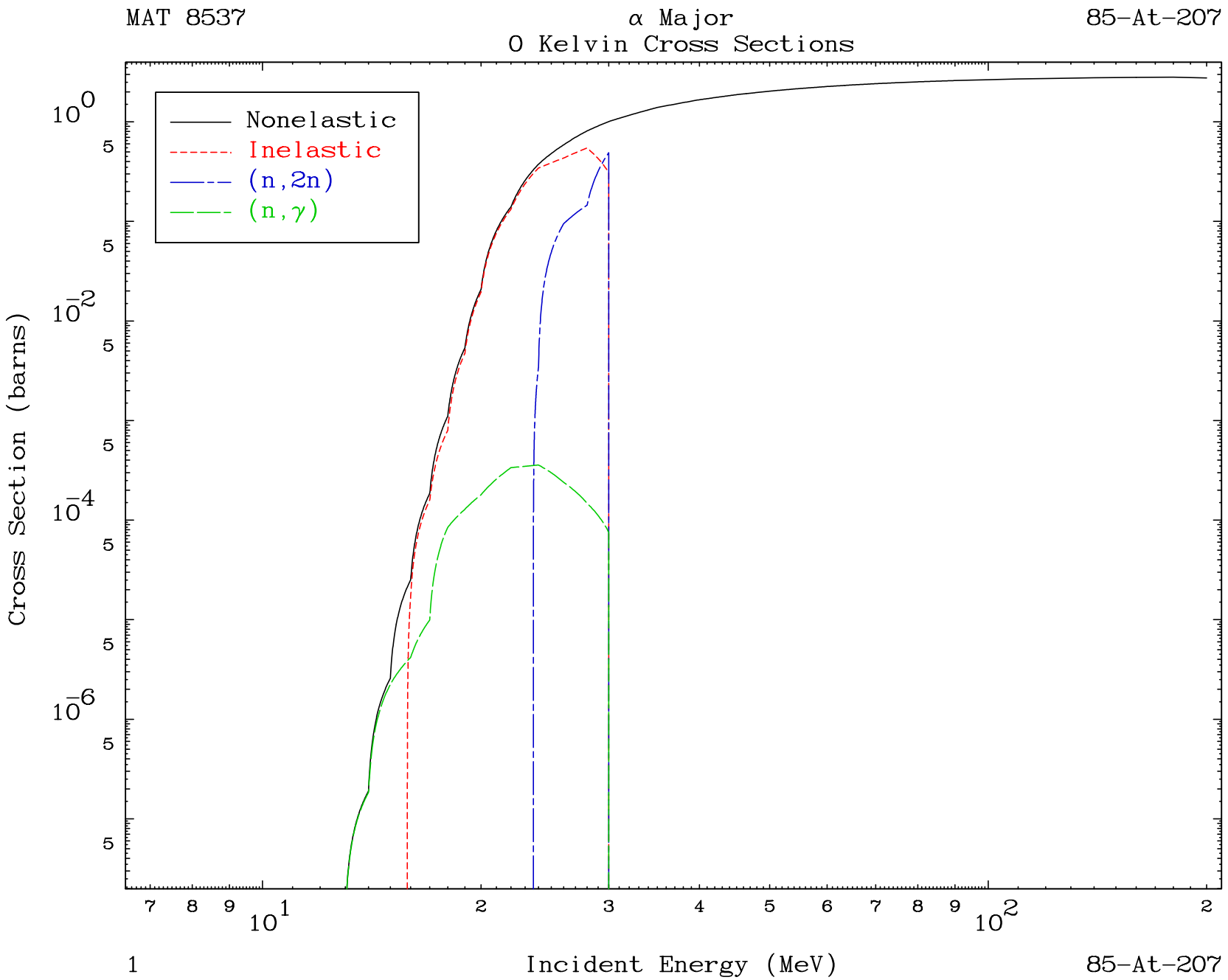
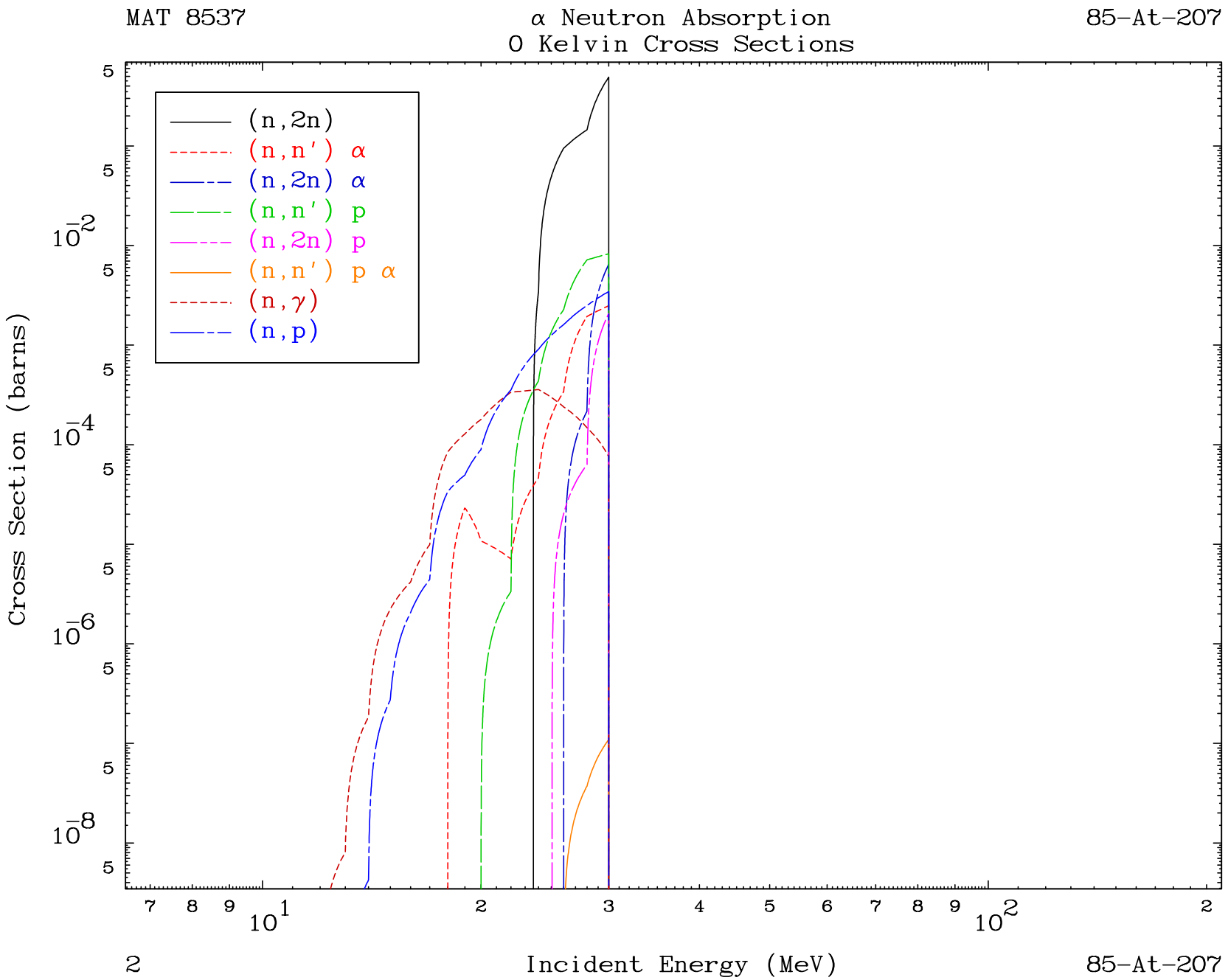
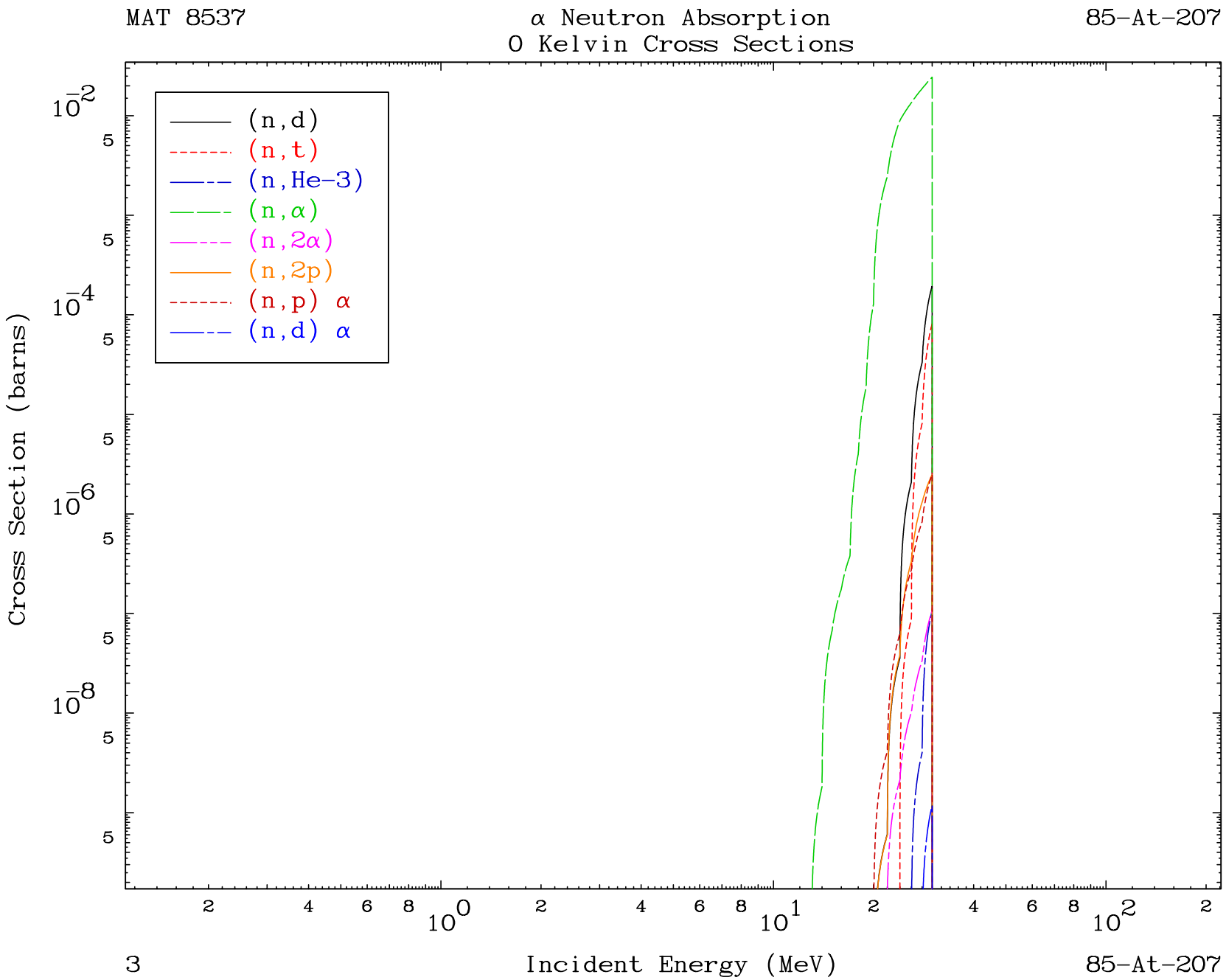
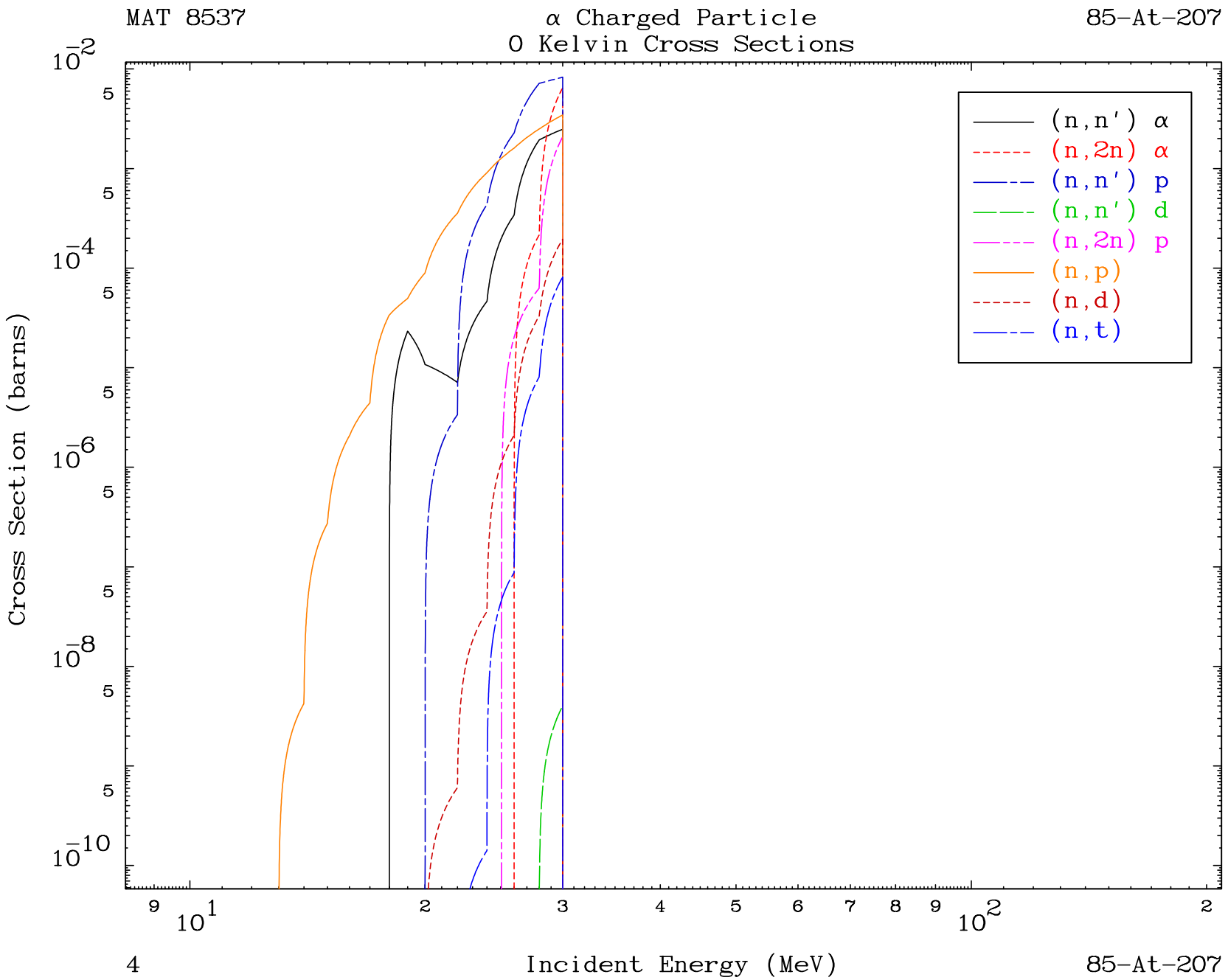
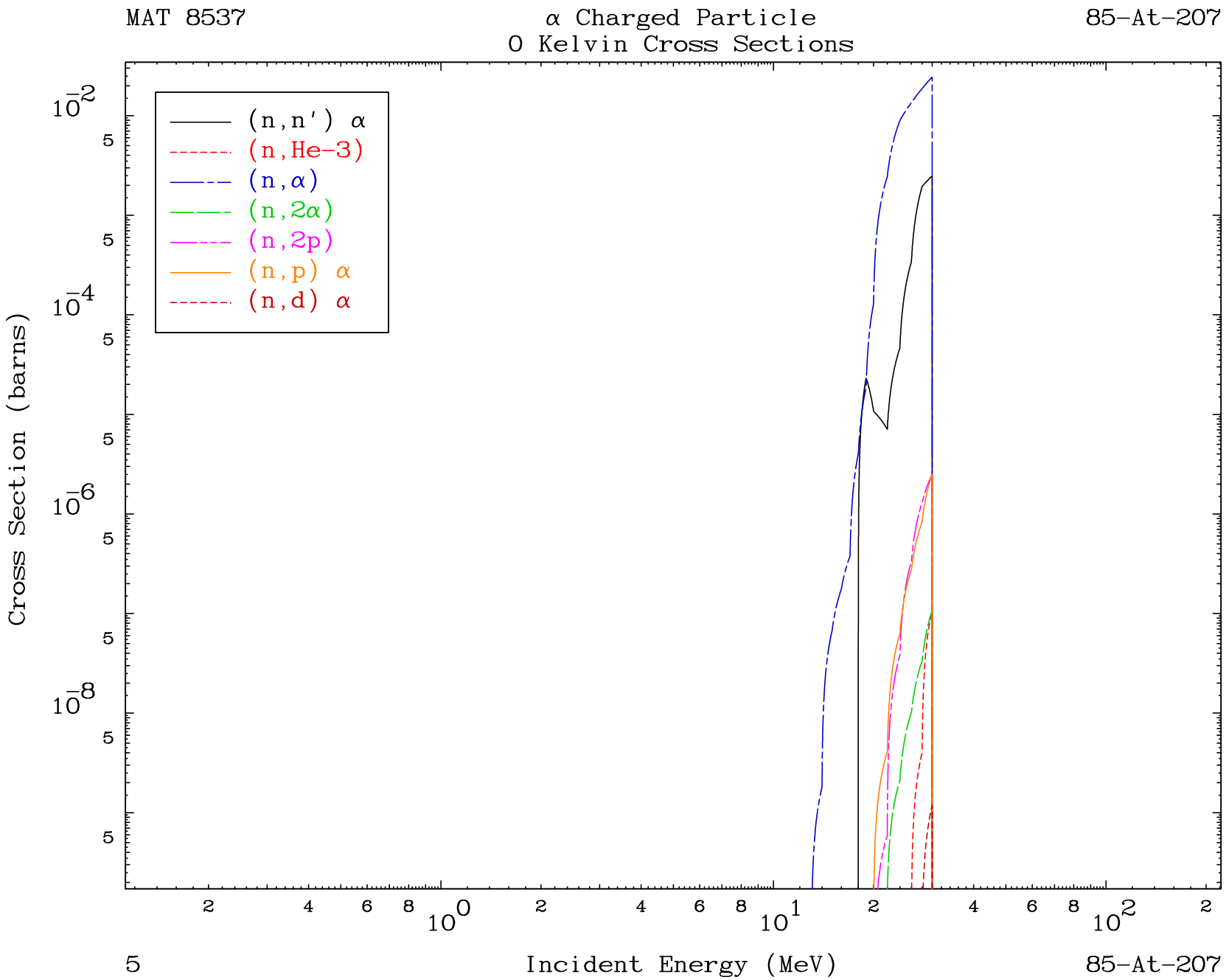
Press Mouse Button to Start

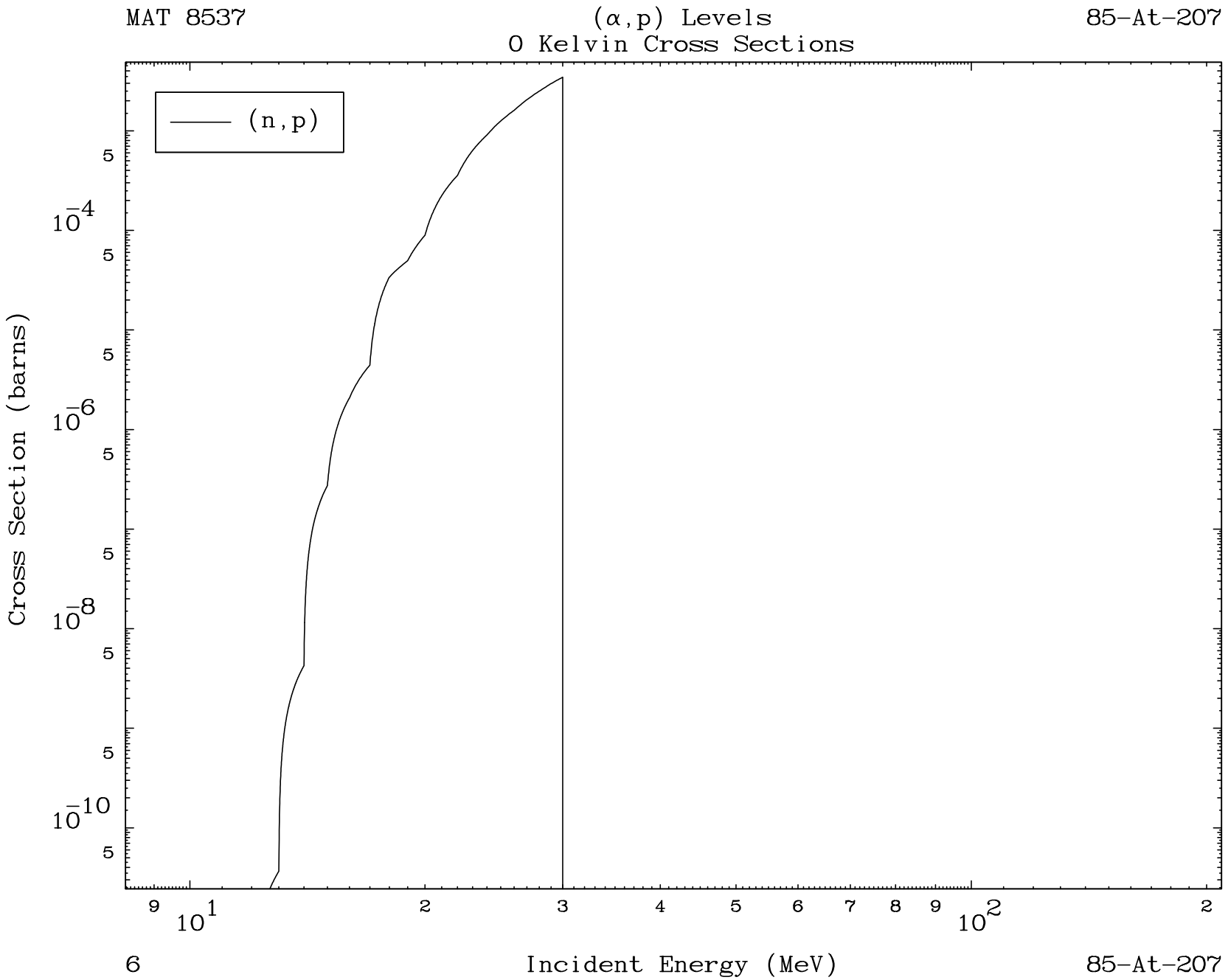

MAT 8537
α Major
85-At-207
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-207

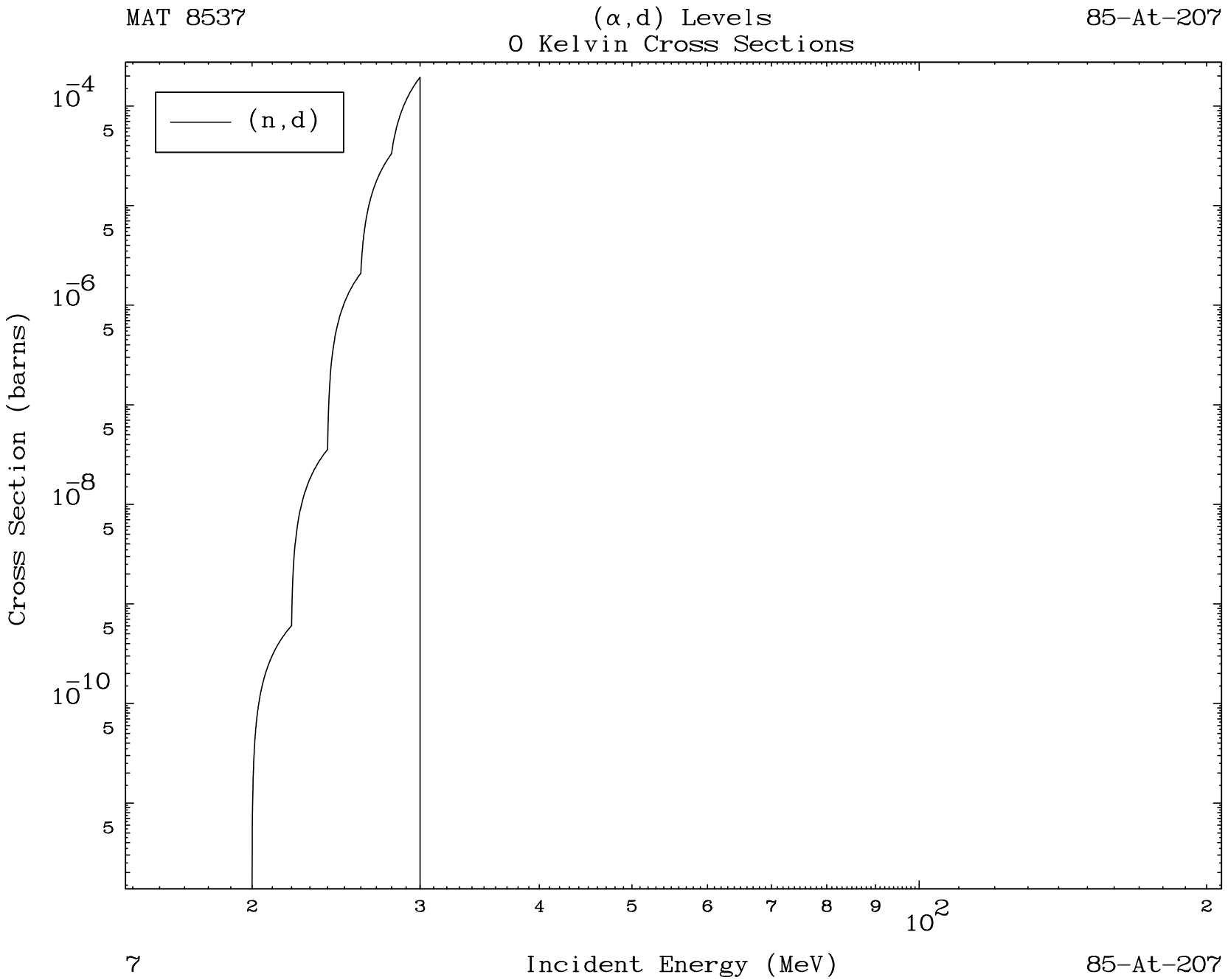

MAT 8537
α Neutron Absorption
0 Kelvin Cross Sections
85-At-207
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
85-At-207

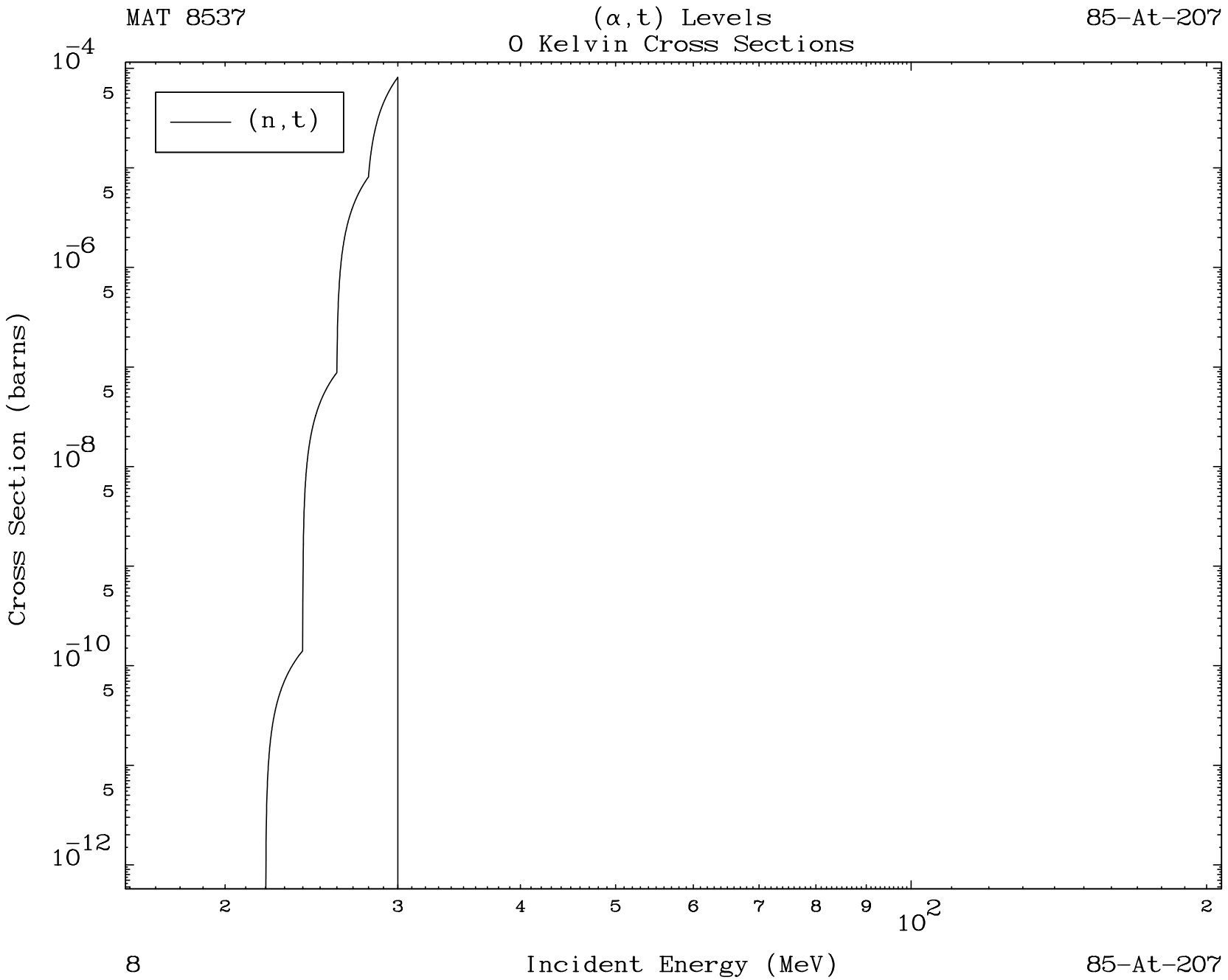

MAT 8537
α Neutron Absorption
0 Kelvin Cross Sections
85-At-207
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
85-At-207

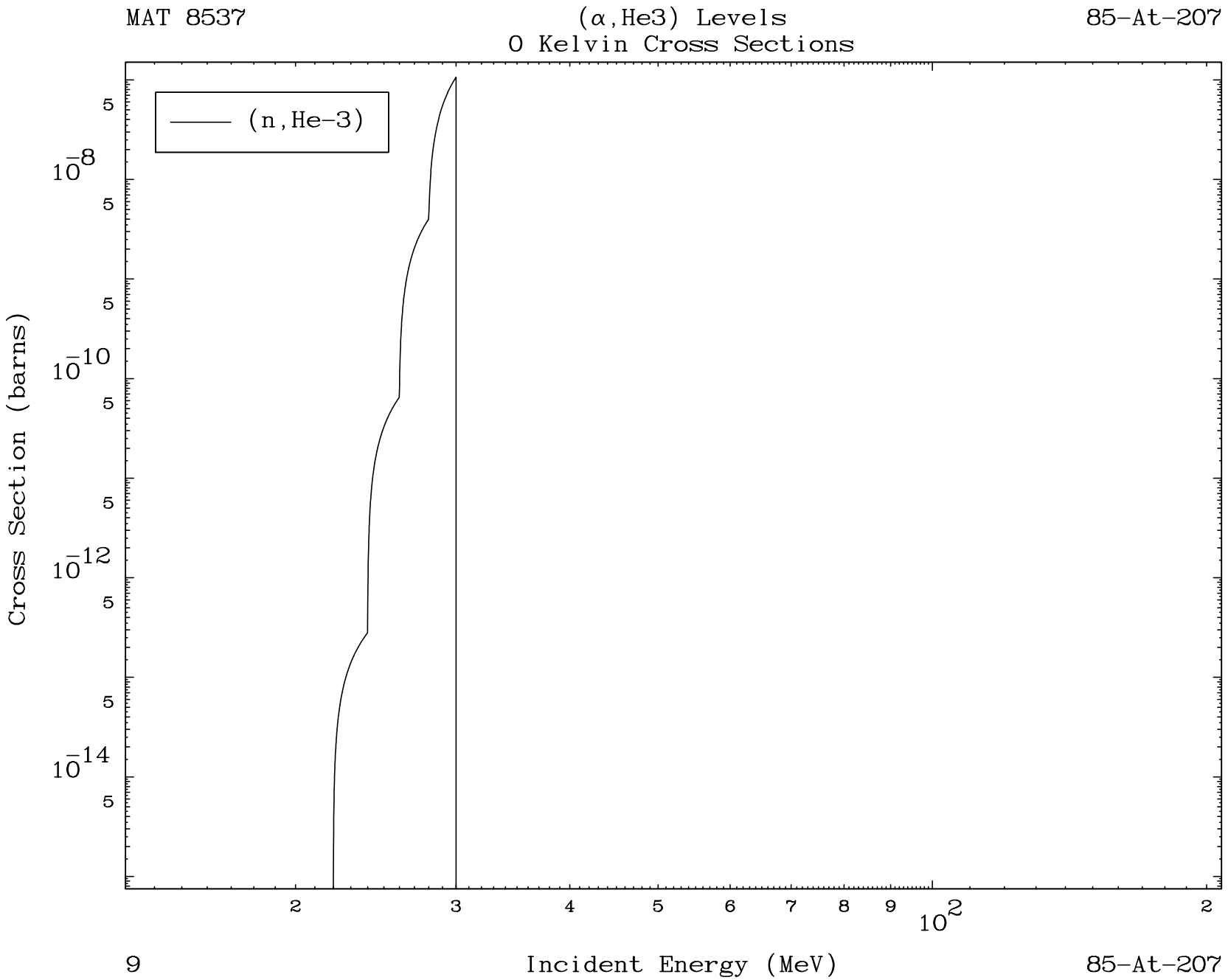

MAT 8537
α Charged Particle
0 Kelvin Cross Sections
85-At-207
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
4
85-At-207

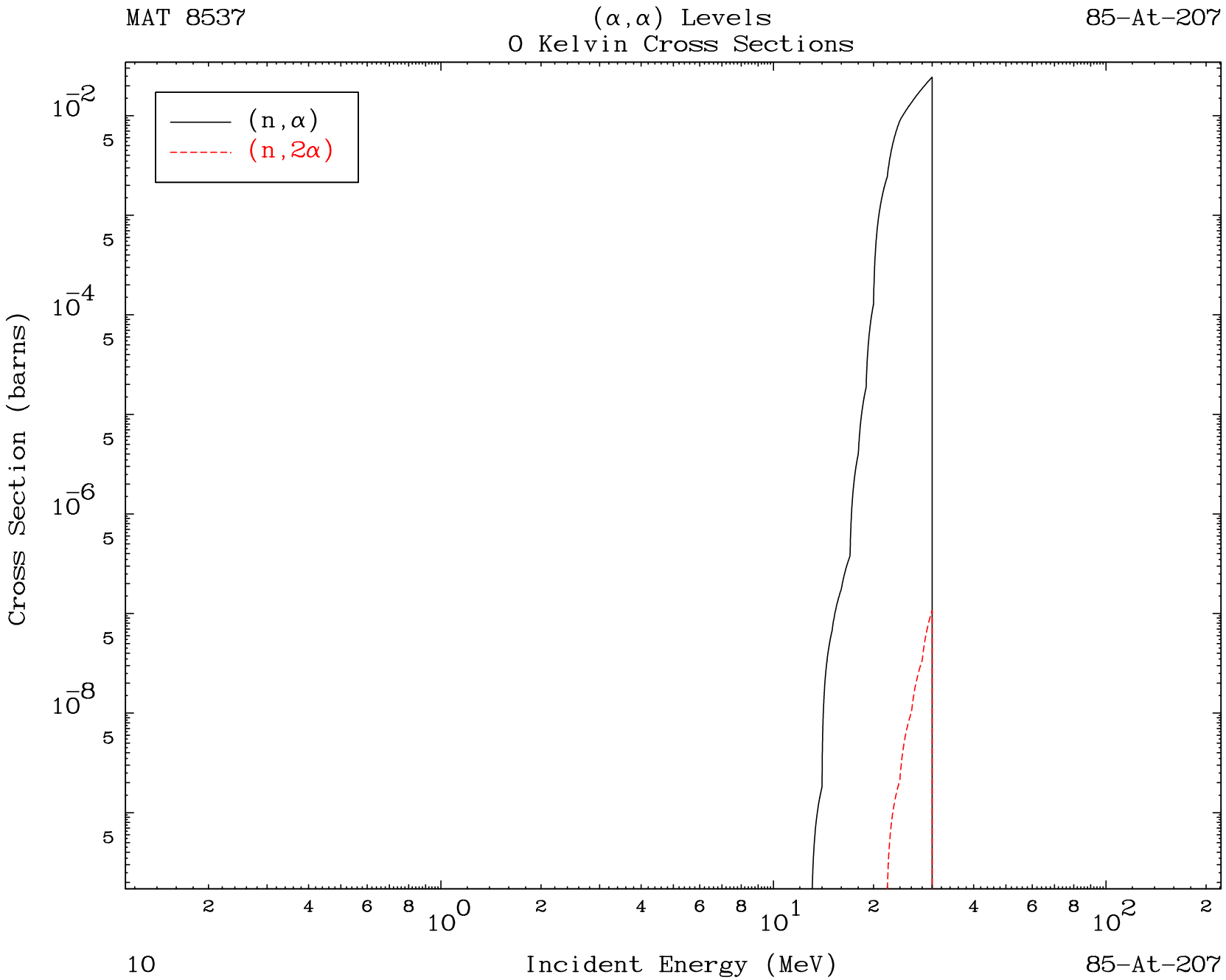

MAT 8537
α Charged Particle
0 Kelvin Cross Sections
85-At-207
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
85-At-207
5

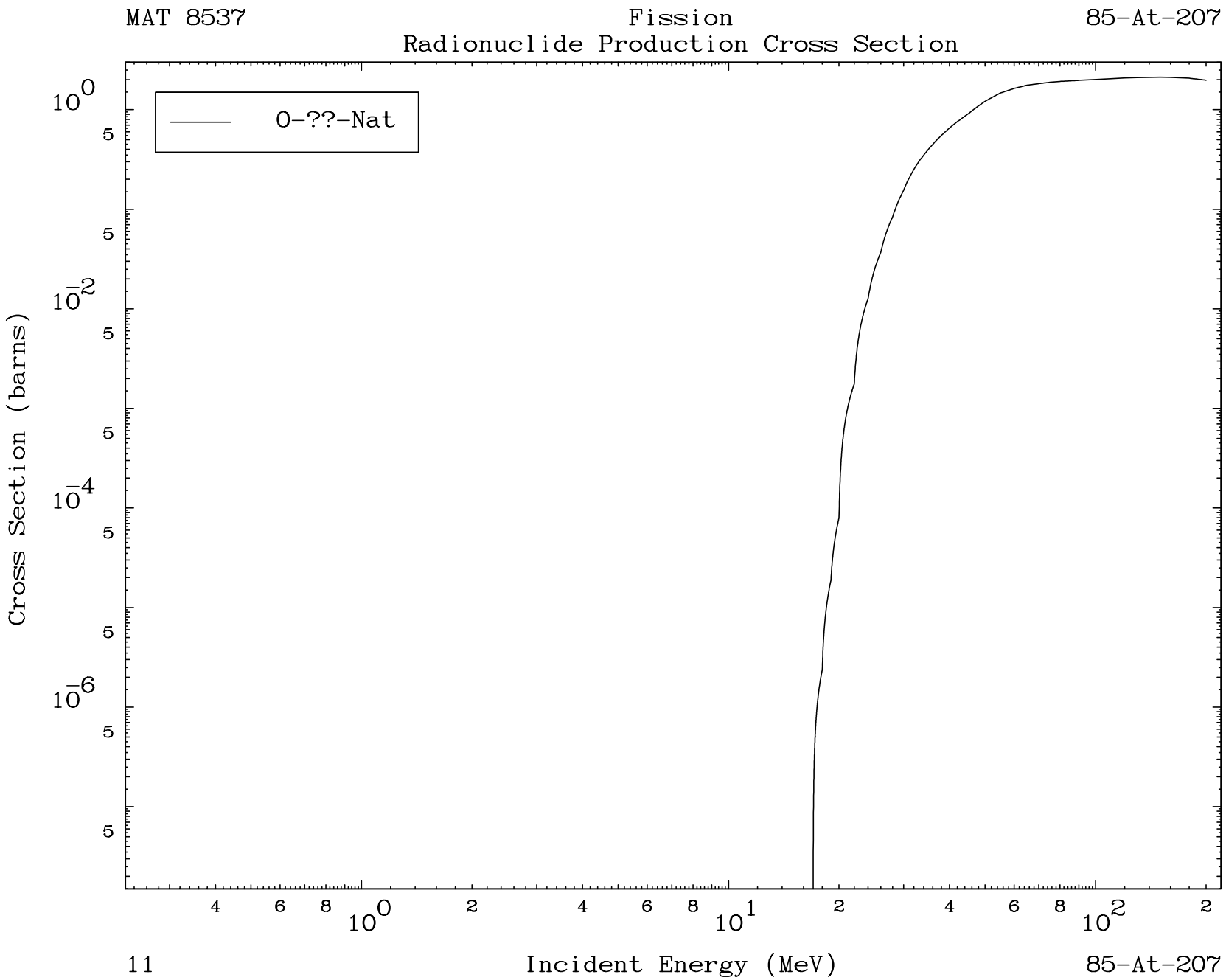

MAT 8537
(α,p) Levels
85-At-207
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^1
10^2
6
85-At-207

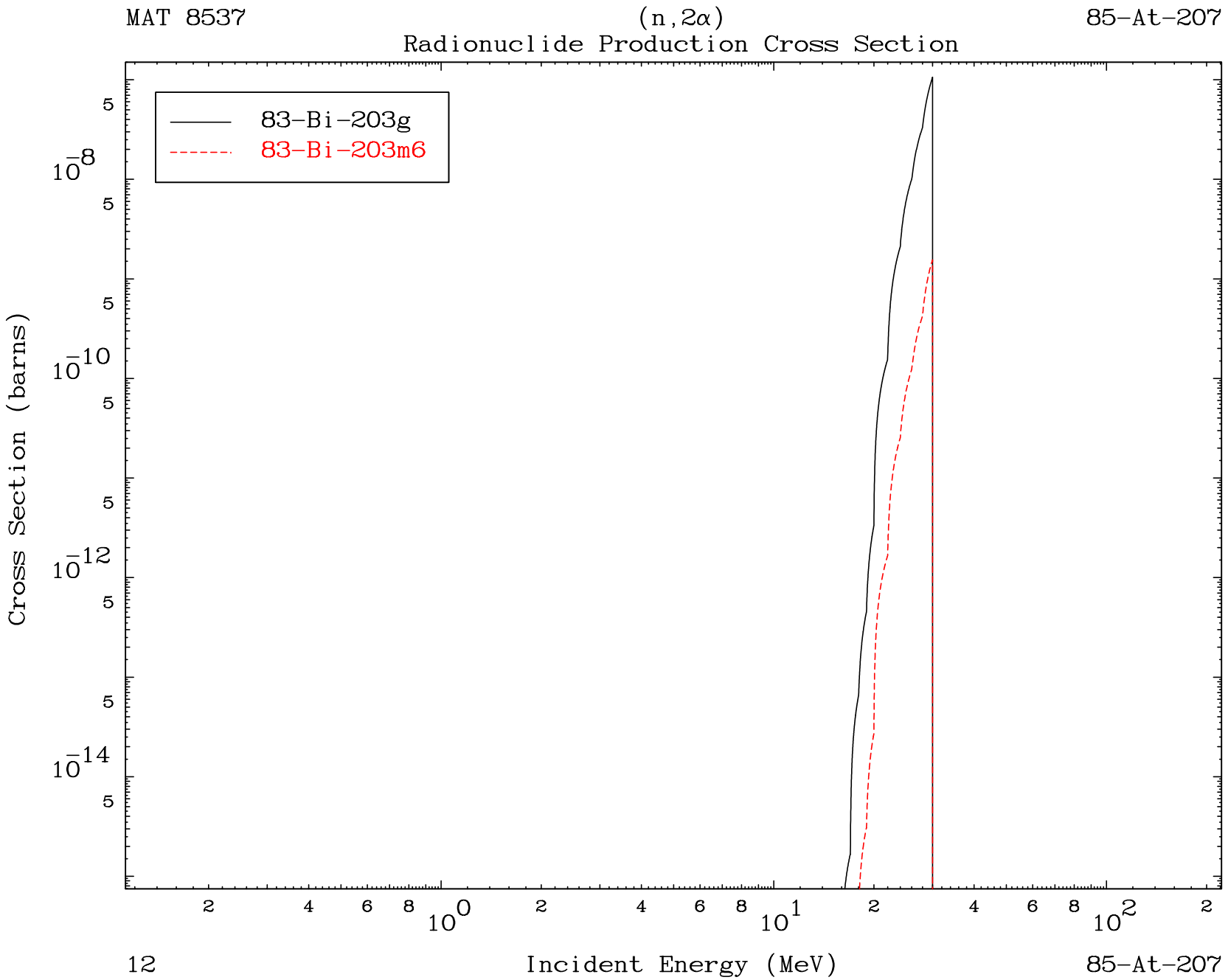

MAT 8537
(α,d) Levels
85-At-207
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
Incident Energy (MeV)
7
85-At-207


MAT 8537
(α,t) Levels
85-At-207
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
8
85-At-207


MAT 8537
(α,He3) Levels
85-At-207
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
85-At-207


MAT 8537
(α,α) Levels
85-At-207
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
85-At-207


MAT 8537
Fission
85-At-207
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
85-At-207


MAT 8537
(n,2α)
85-At-207
Radionuclide Production Cross Section
83-Bi-203g
83-Bi-203m6
Cross Section (barns)
Incident Energy (MeV)
12
85-At-207