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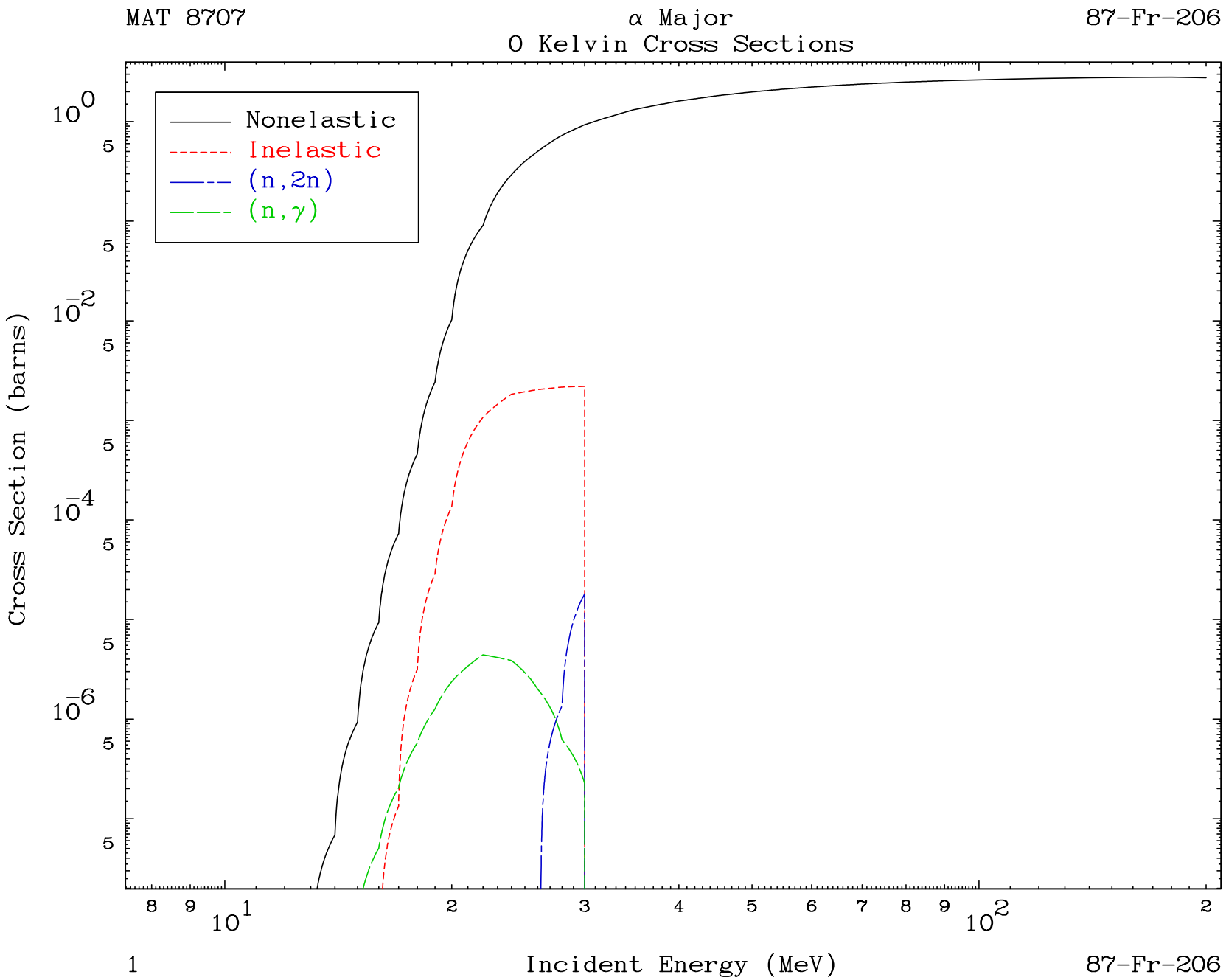
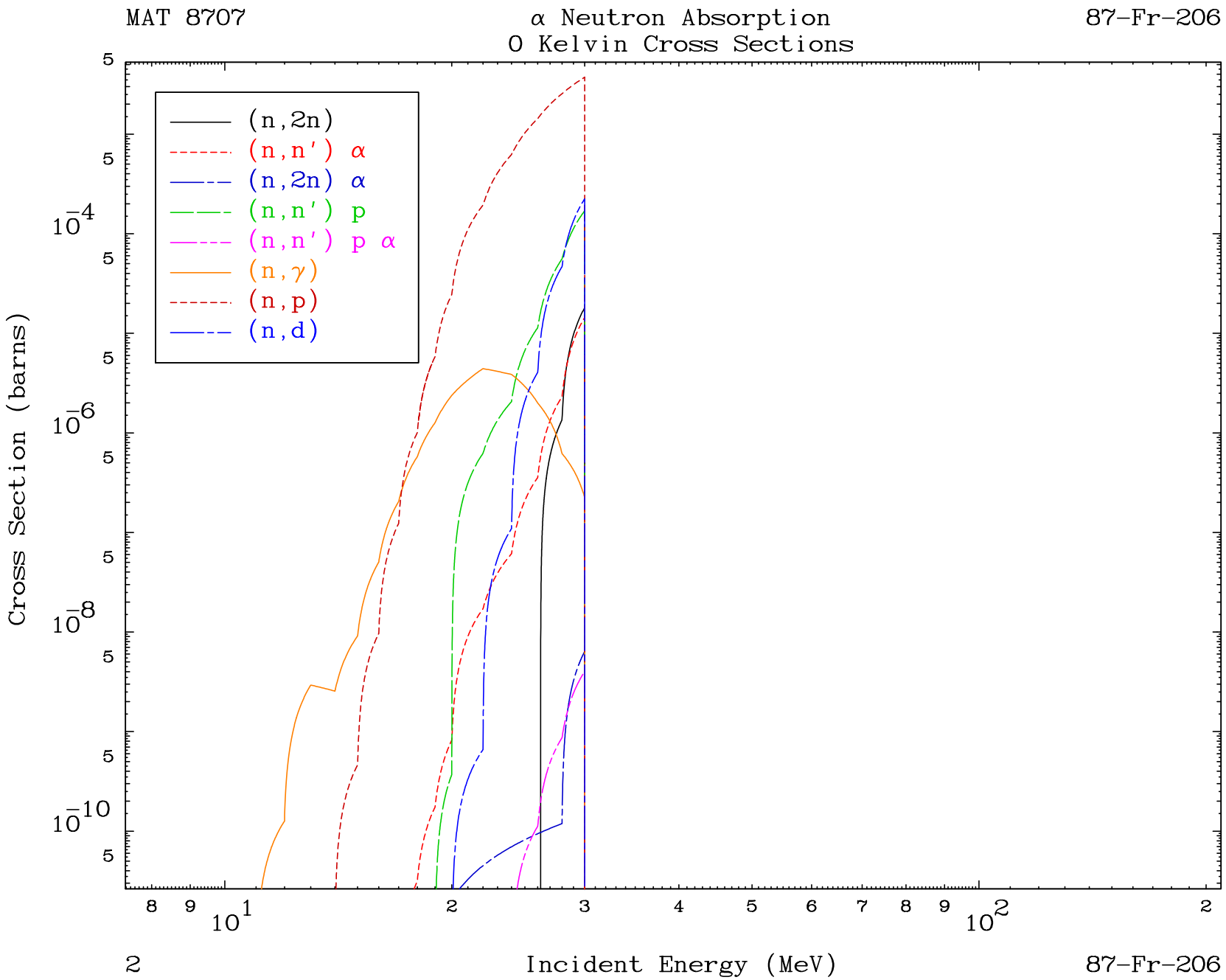
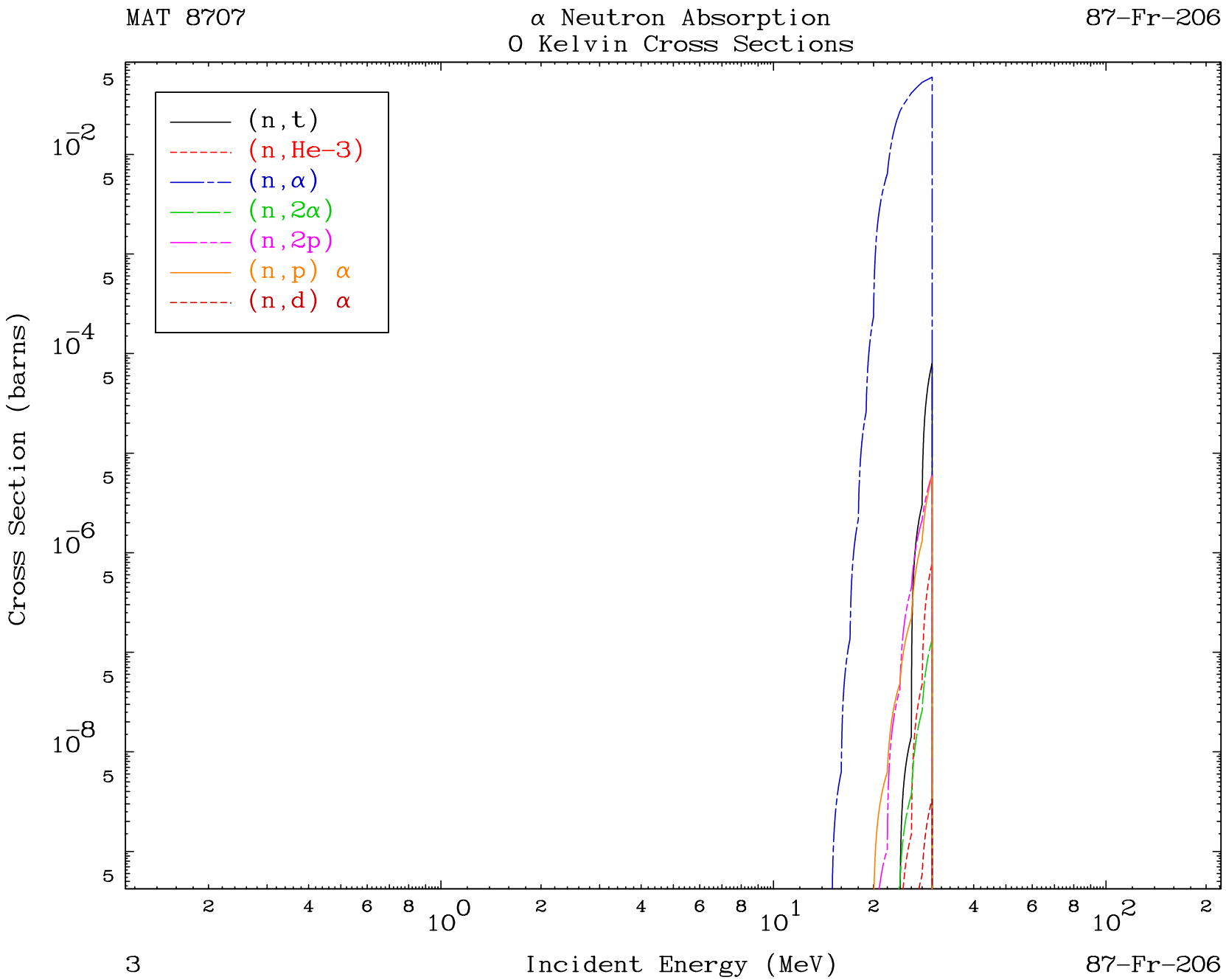
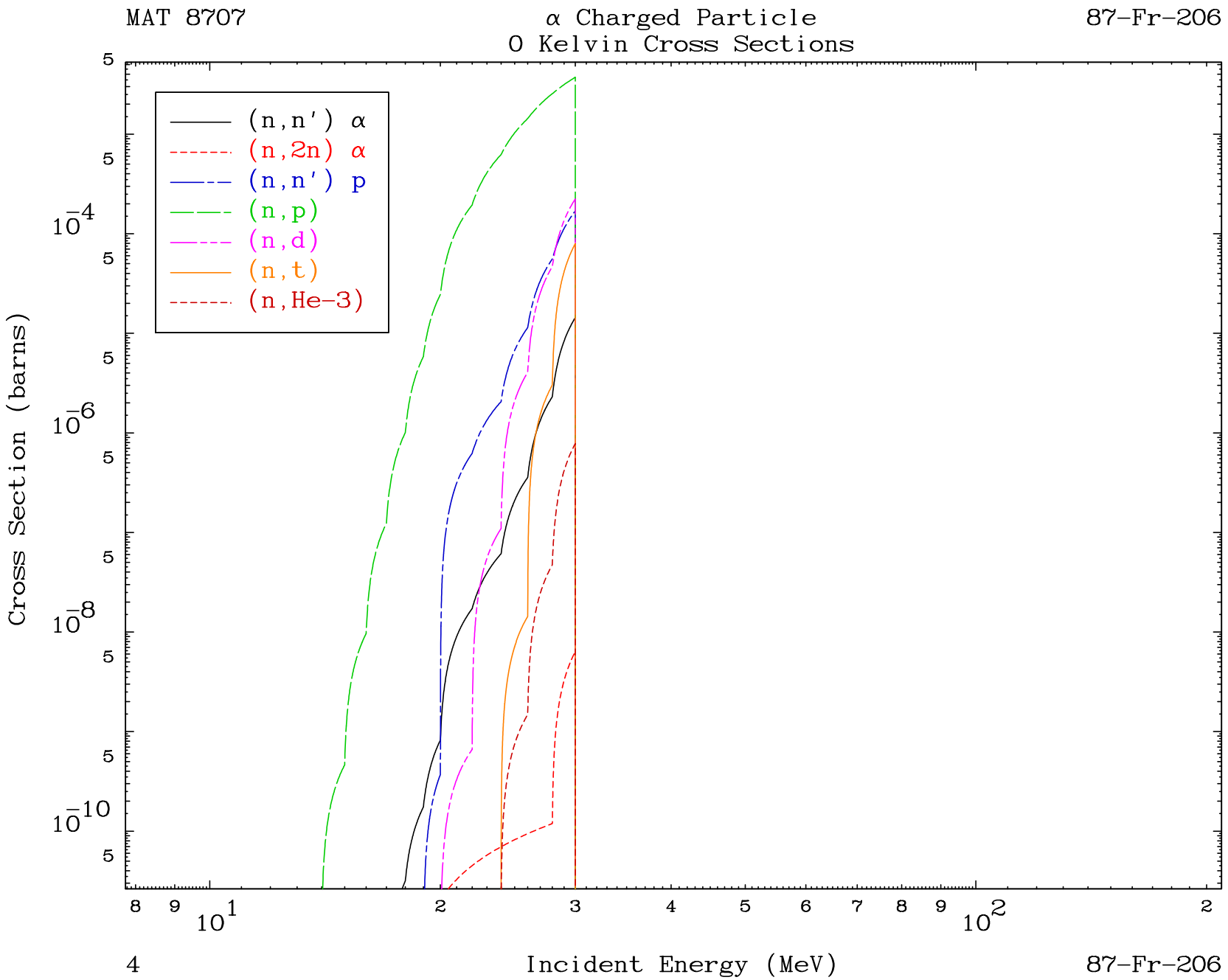
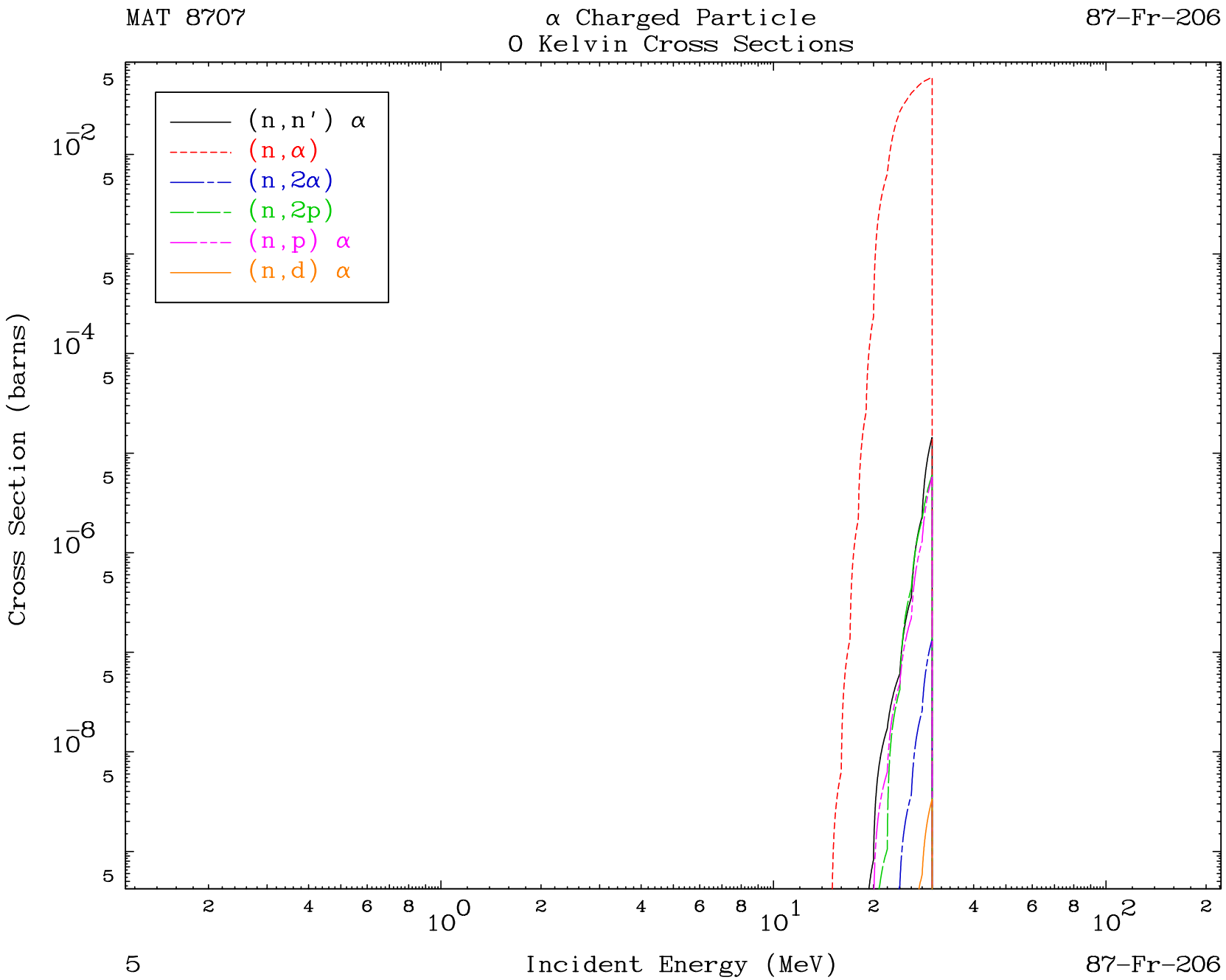
Press Mouse Button to Start

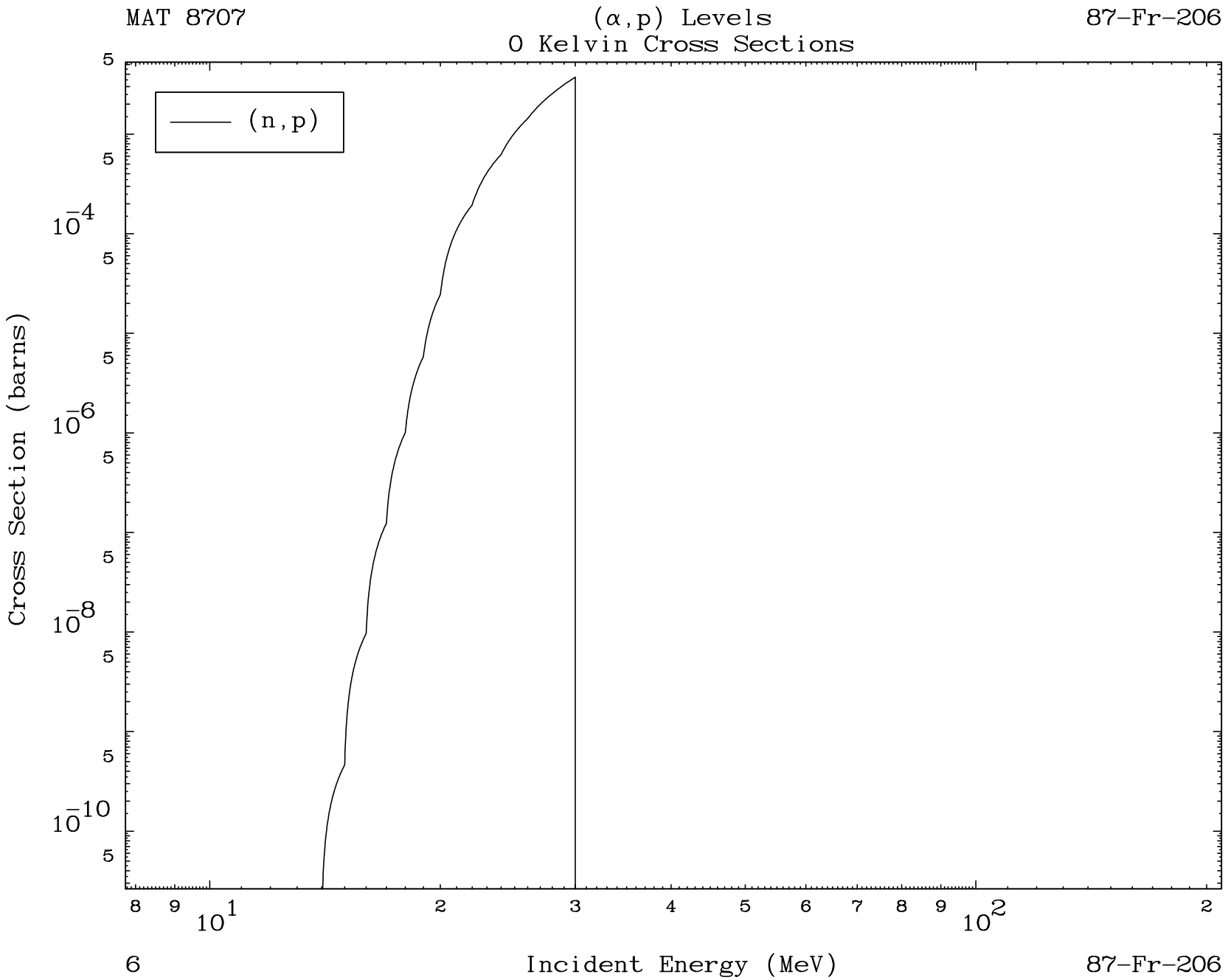

MAT 8707
α Major
87-Fr-206
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-206

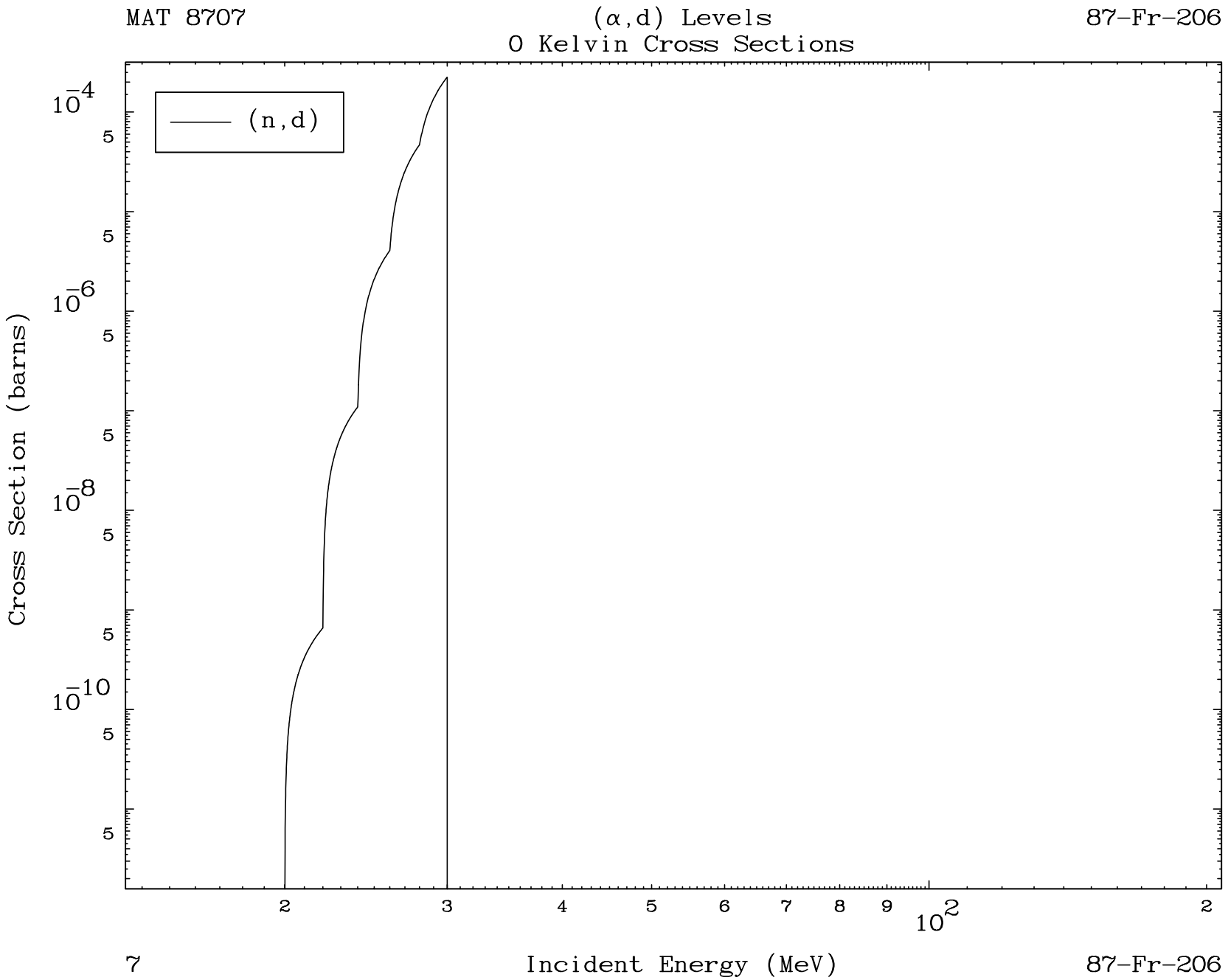

MAT 8707
α Neutron Absorption
0 Kelvin Cross Sections
87-Fr-206
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-206

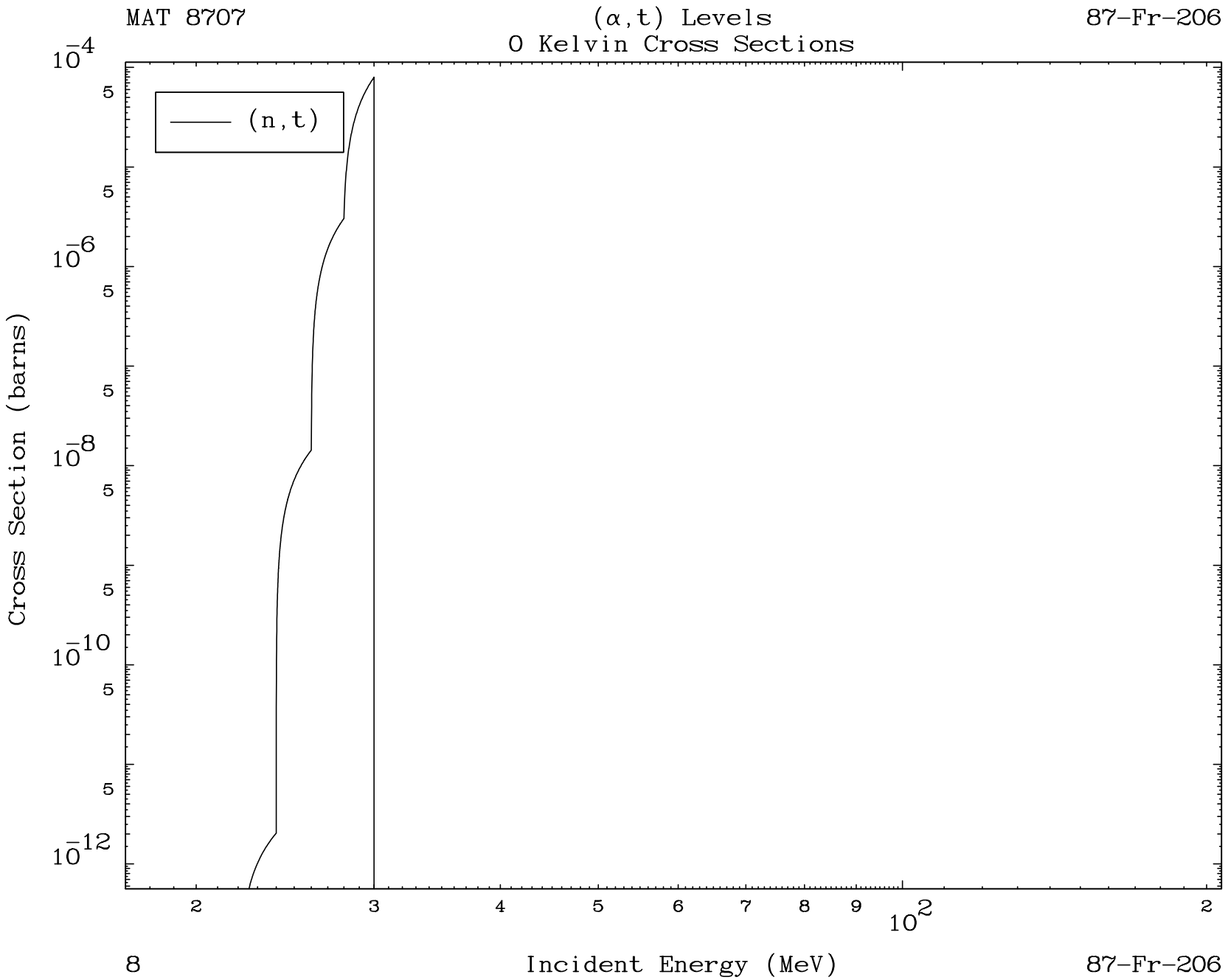

MAT 8707
α Neutron Absorption
0 Kelvin Cross Sections
87-Fr-206
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
87-Fr-206

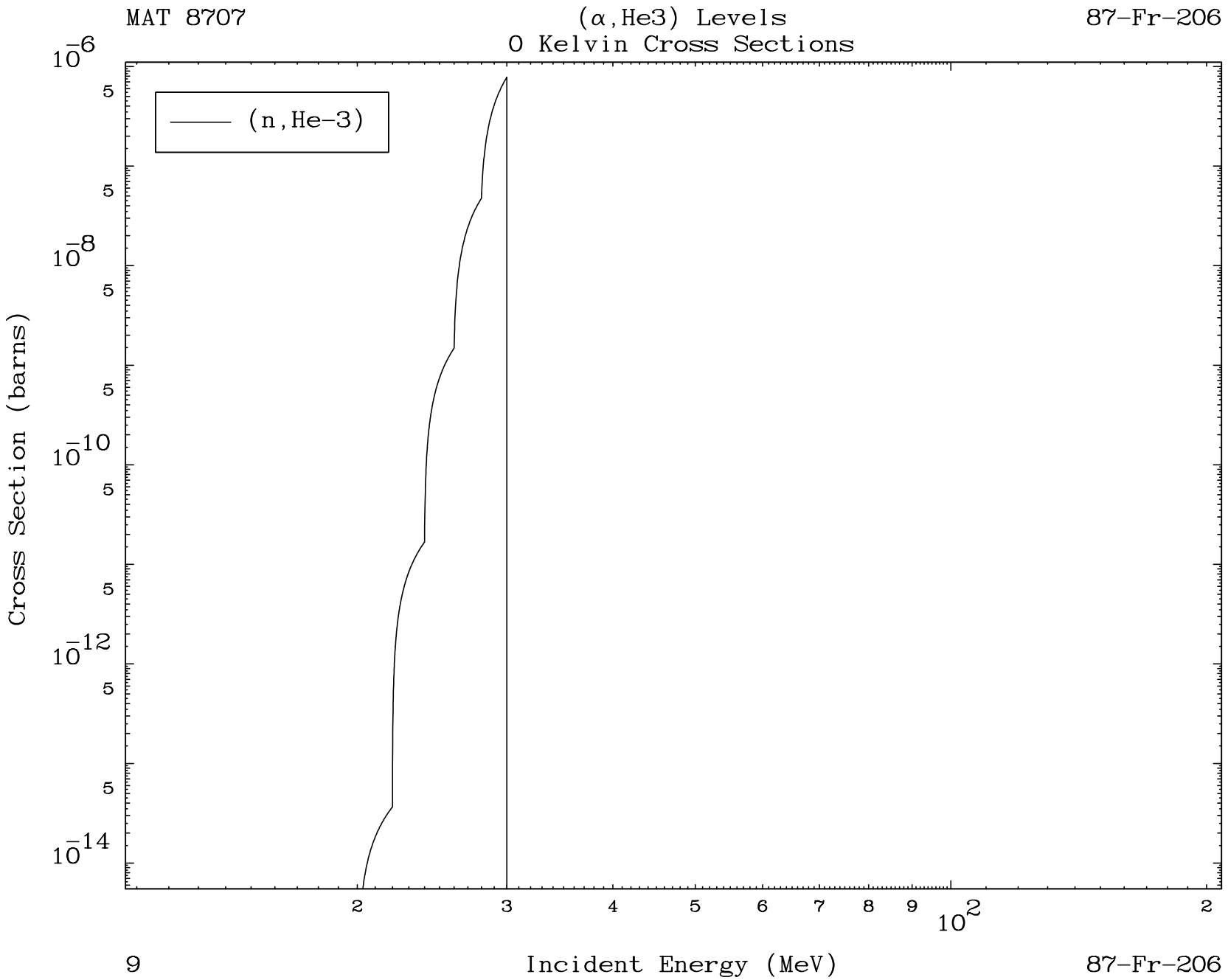

MAT 8707
α Charged Particle
0 Kelvin Cross Sections
87-Fr-206
(n,n') α
(n,2n) α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-206
4

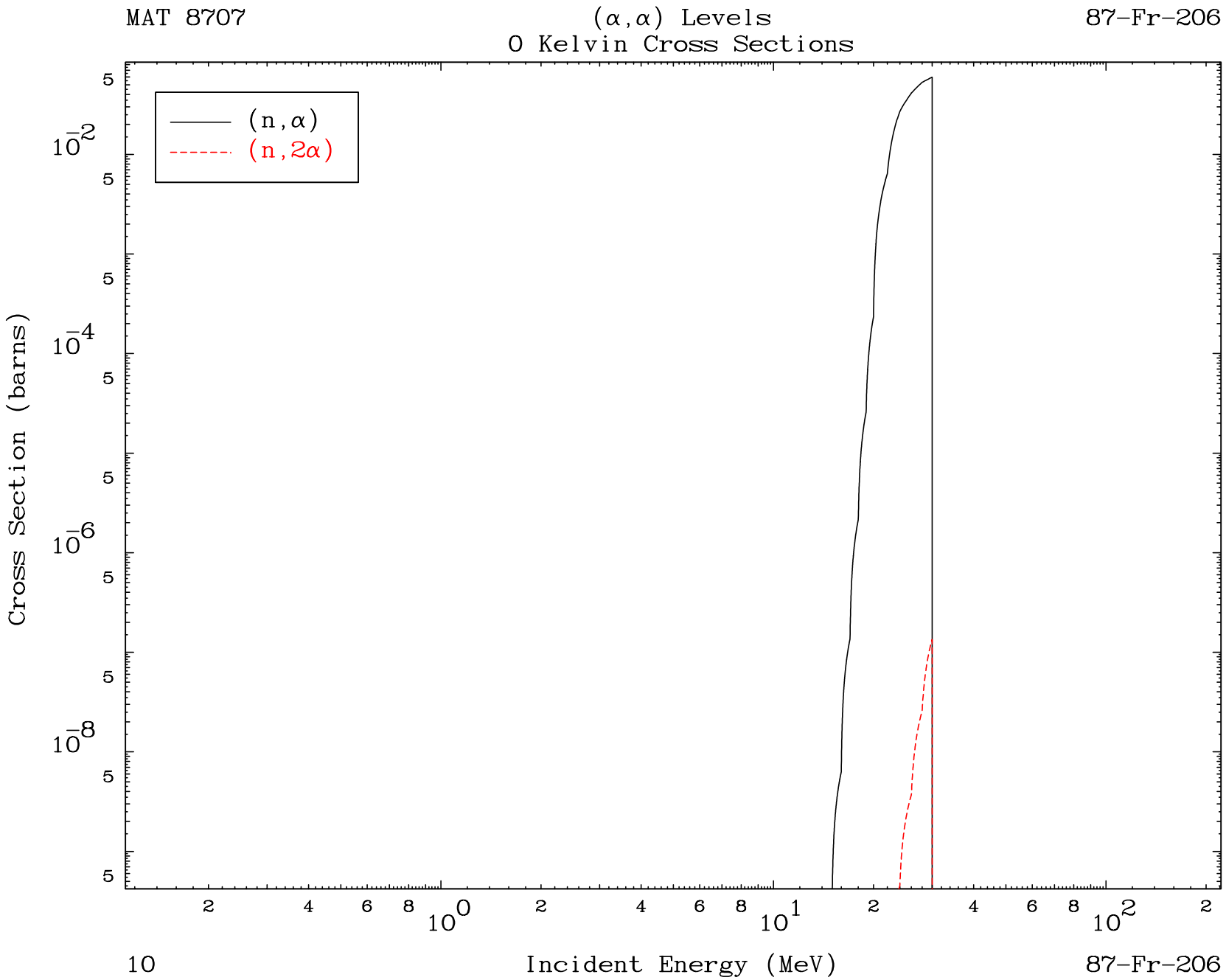

MAT 8707
α Charged Particle
0 Kelvin Cross Sections
87-Fr-206
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
87-Fr-206

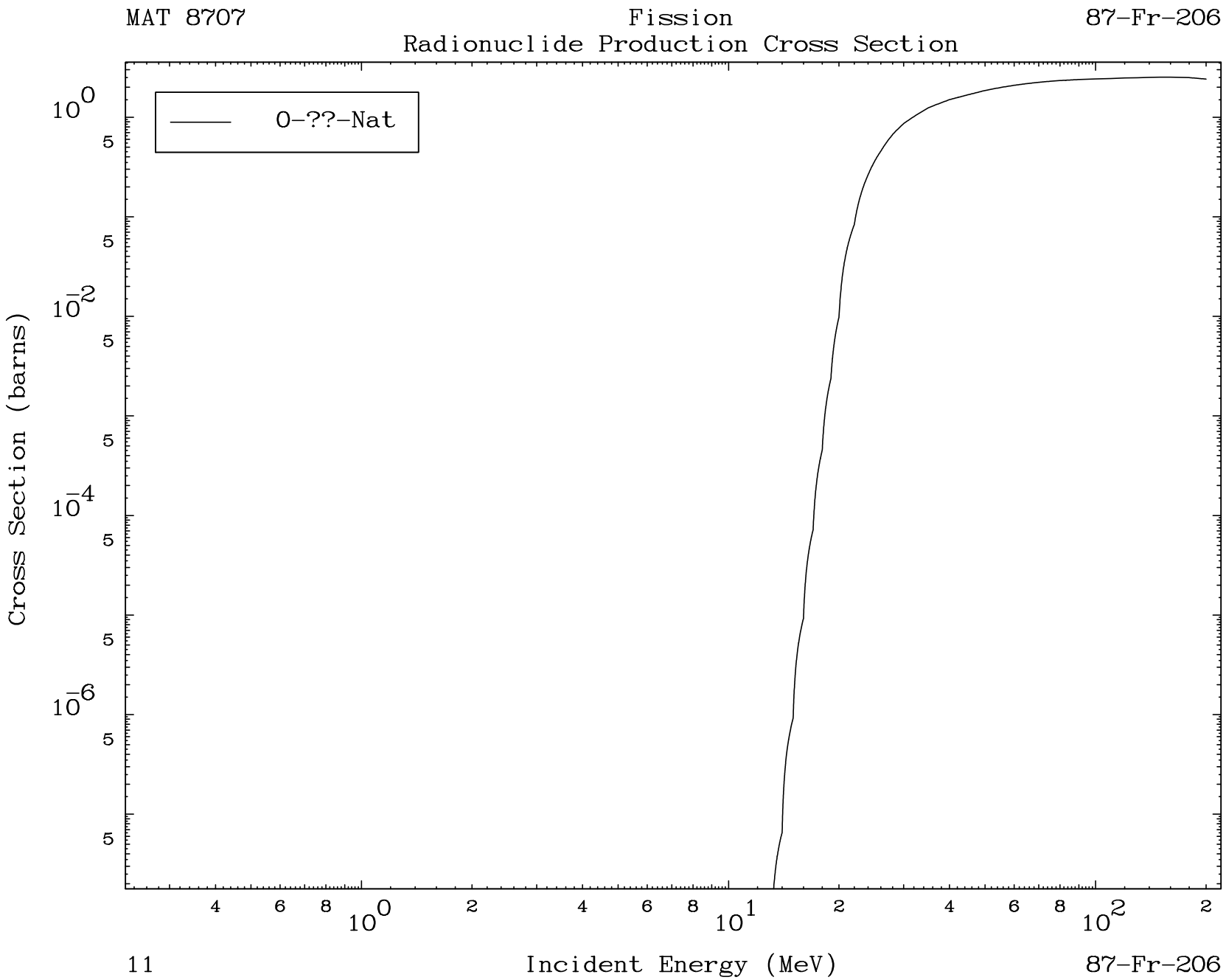

MAT 8707
(α,p) Levels
87-Fr-206
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
87-Fr-206

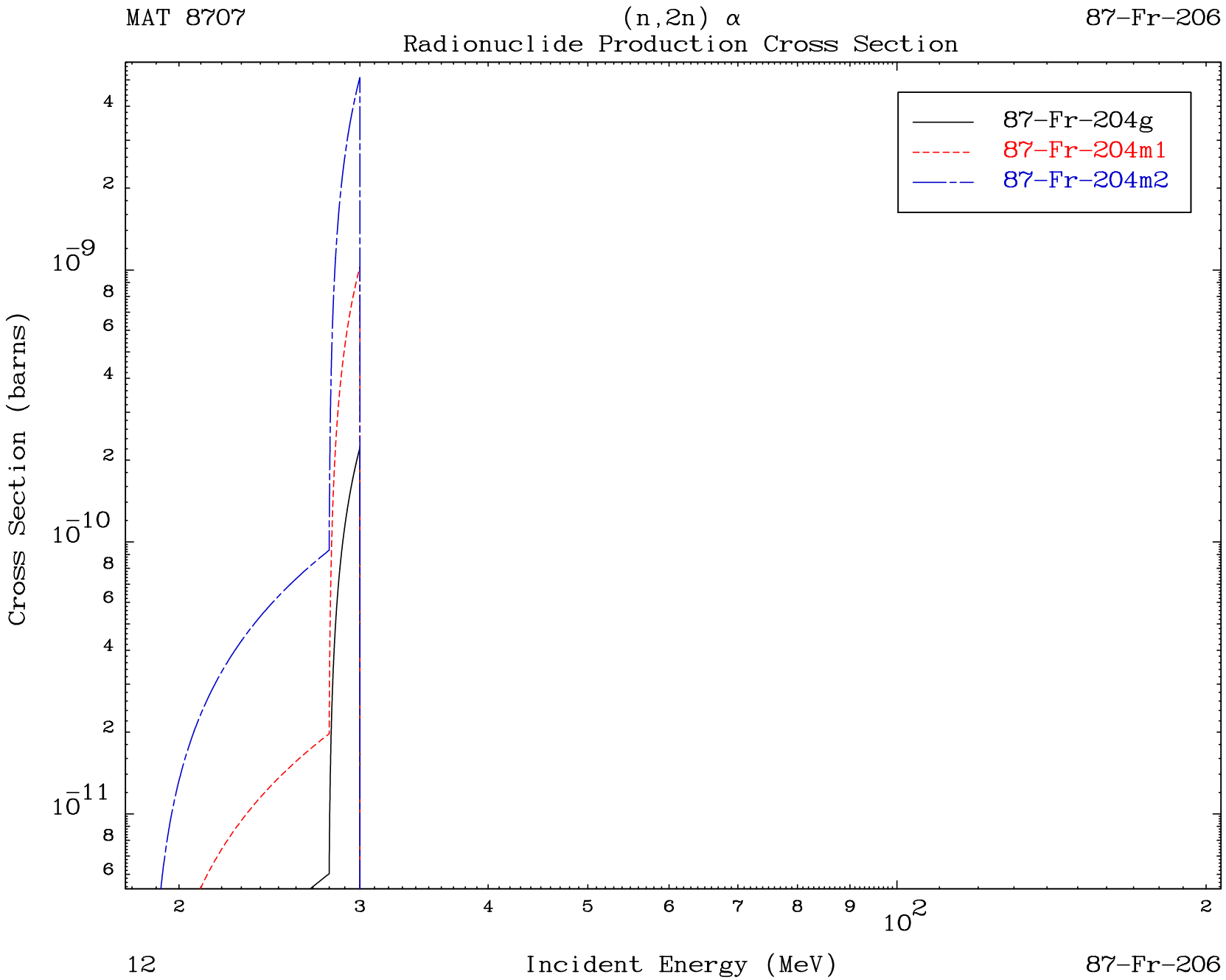

MAT 8707
(α,d) Levels
87-Fr-206
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
87-Fr-206

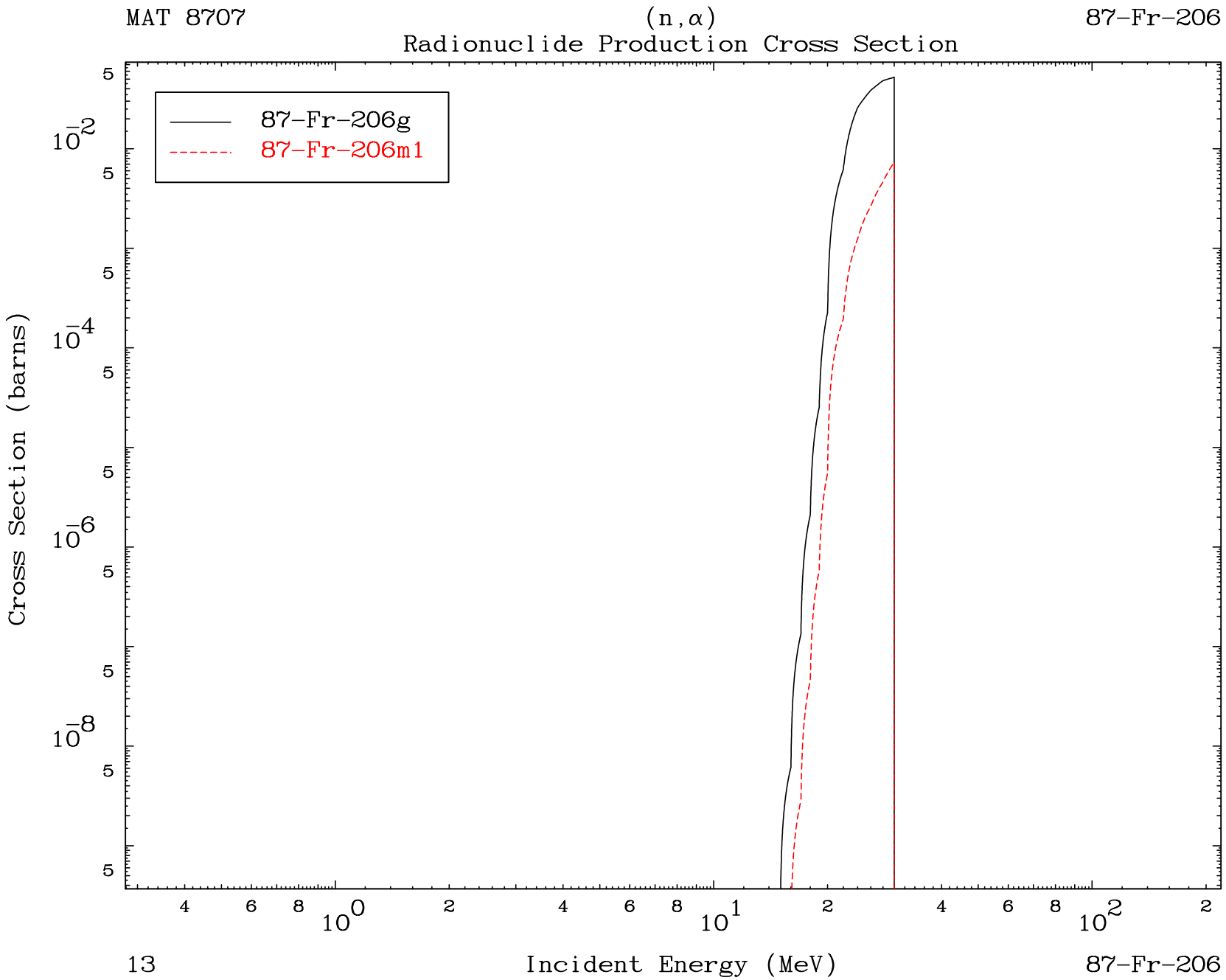

MAT 8707
(α,t) Levels
87-Fr-206
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
87-Fr-206

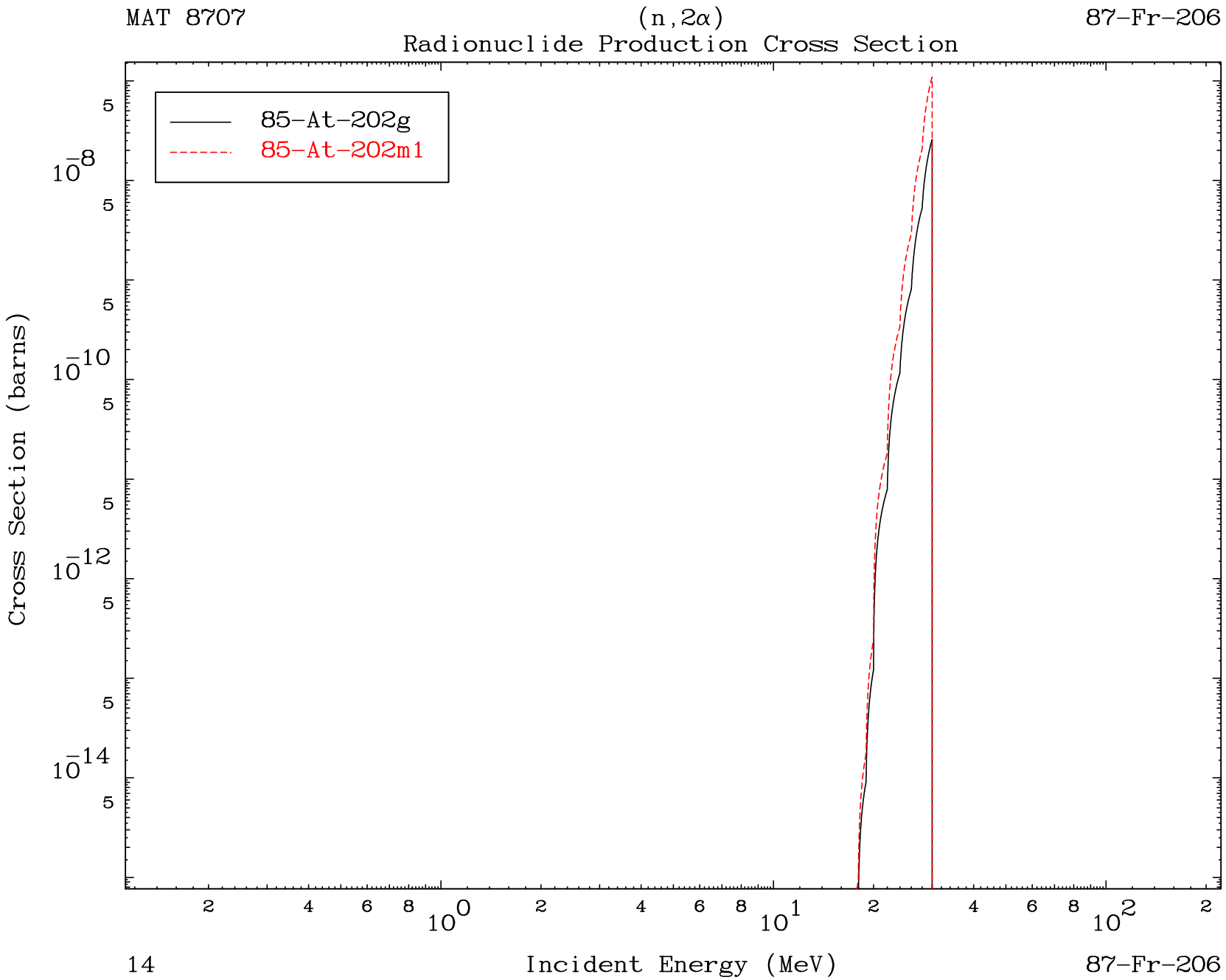

MAT 8707
(α,He3) Levels
87-Fr-206
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
87-Fr-206

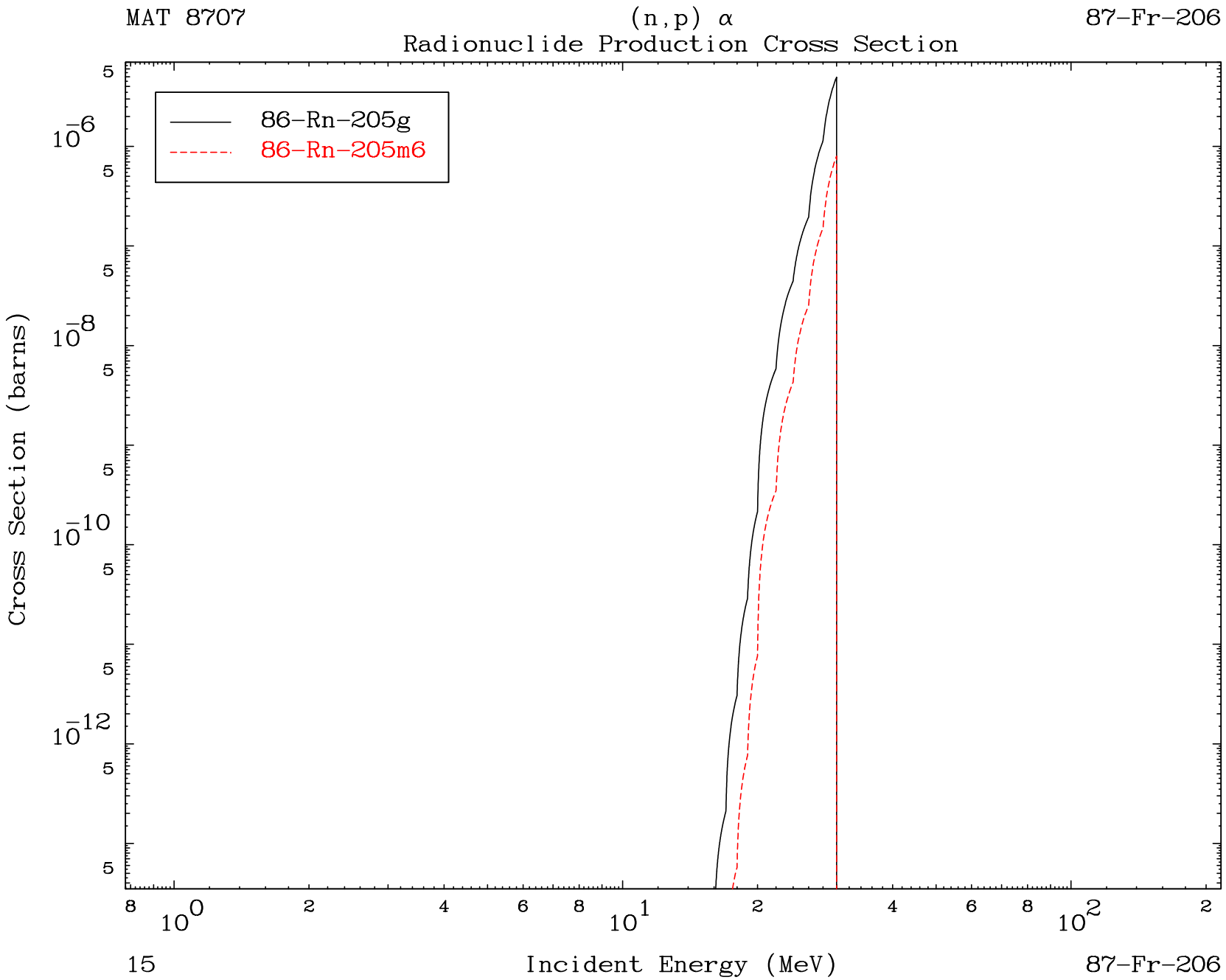

MAT 8707
(α,α) Levels
87-Fr-206
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-206


MAT 8707
Fission
87-Fr-206
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
87-Fr-206


MAT 8707
(n,2n) α
87-Fr-206
Radionuclide Production Cross Section
87-Fr-204g
87-Fr-204m1
87-Fr-204m2
Cross Section (barns)
10-9
10-10
10-11
Incident Energy (MeV)
10^2
12
87-Fr-206


MAT 8707
(n,α)
87-Fr-206
Radionuclide Production Cross Section
87-Fr-206g
87-Fr-206m1
Cross Section (barns)
Incident Energy (MeV)
13
87-Fr-206


MAT 8707
(n,2α)
87-Fr-206
Radionuclide Production Cross Section
85-At-202g
85-At-202m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
4
6
8
10^0
10^1
10^2
14
Incident Energy (MeV)
87-Fr-206


MAT 8707
(n,p) α
87-Fr-206
Radionuclide Production Cross Section
86-Rn-205g
86-Rn-205m6
Cross Section (barns)
Incident Energy (MeV)
15
87-Fr-206