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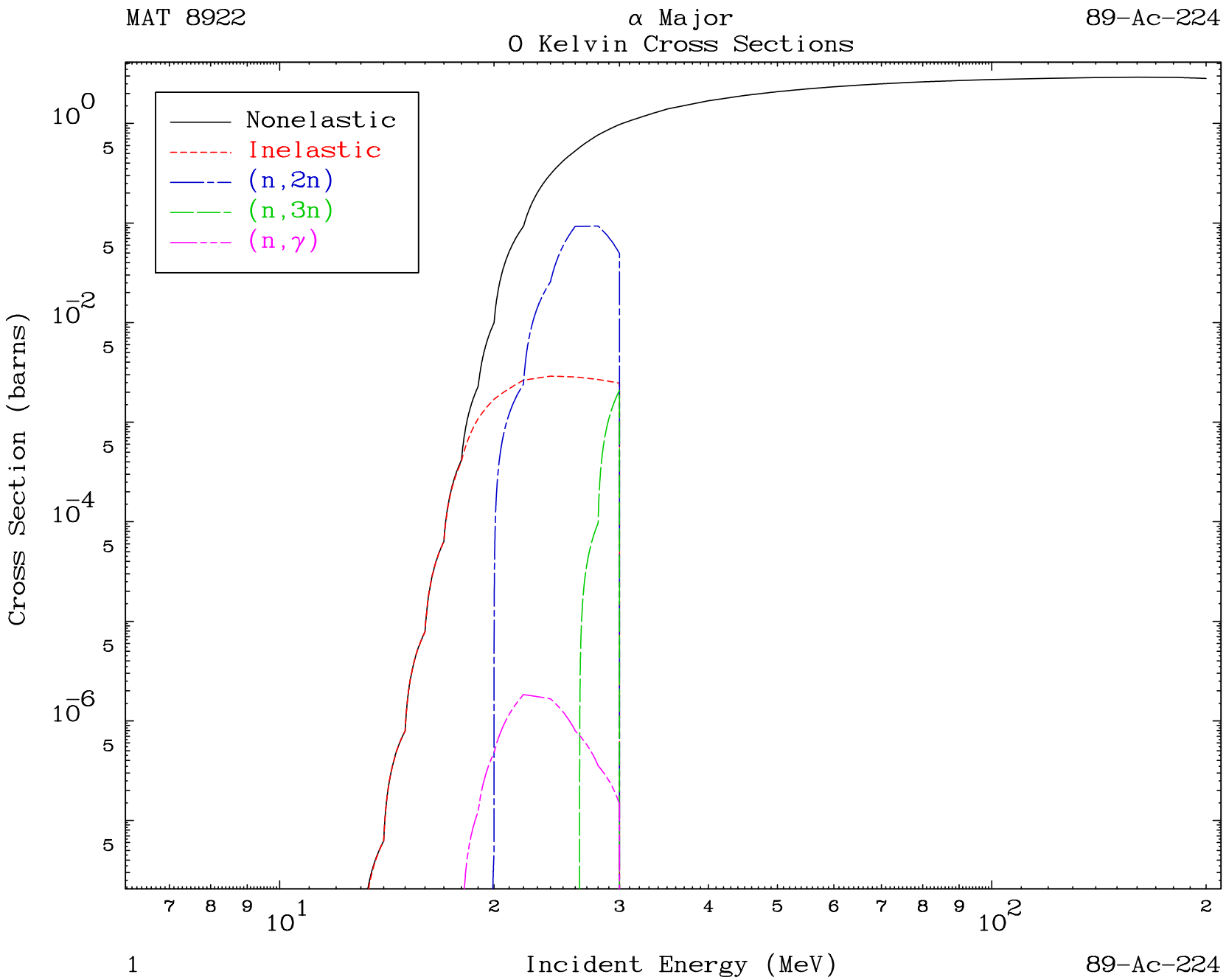
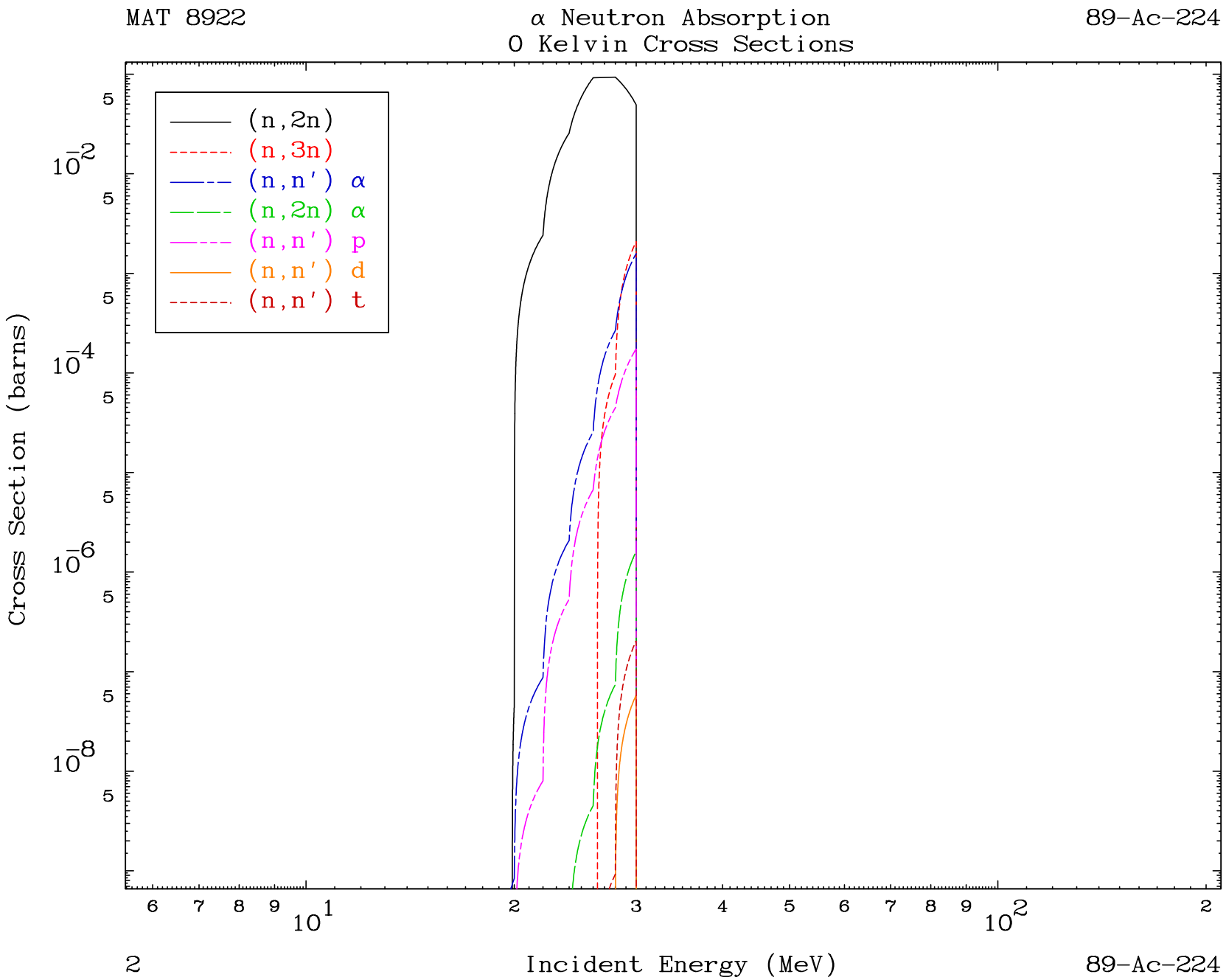
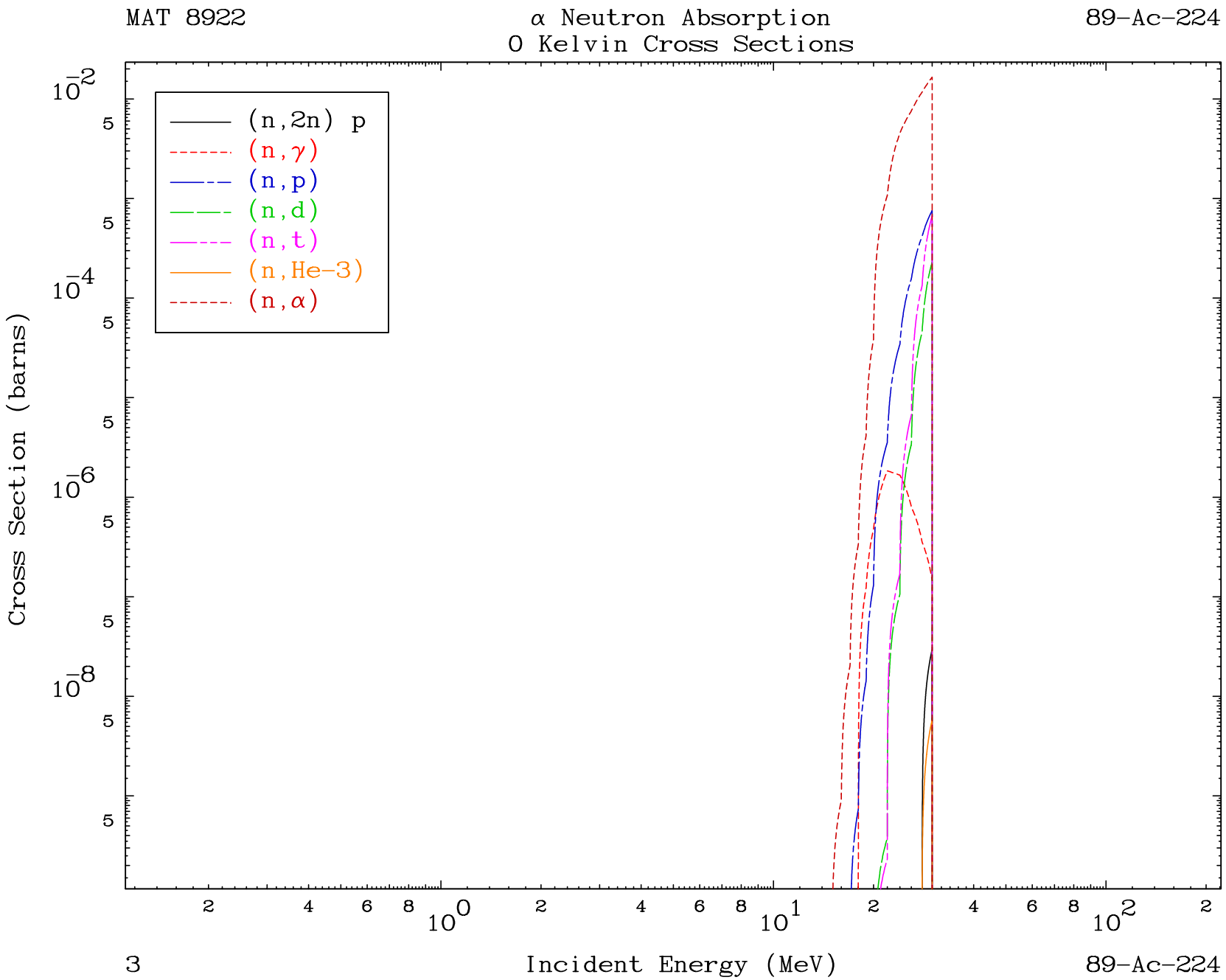
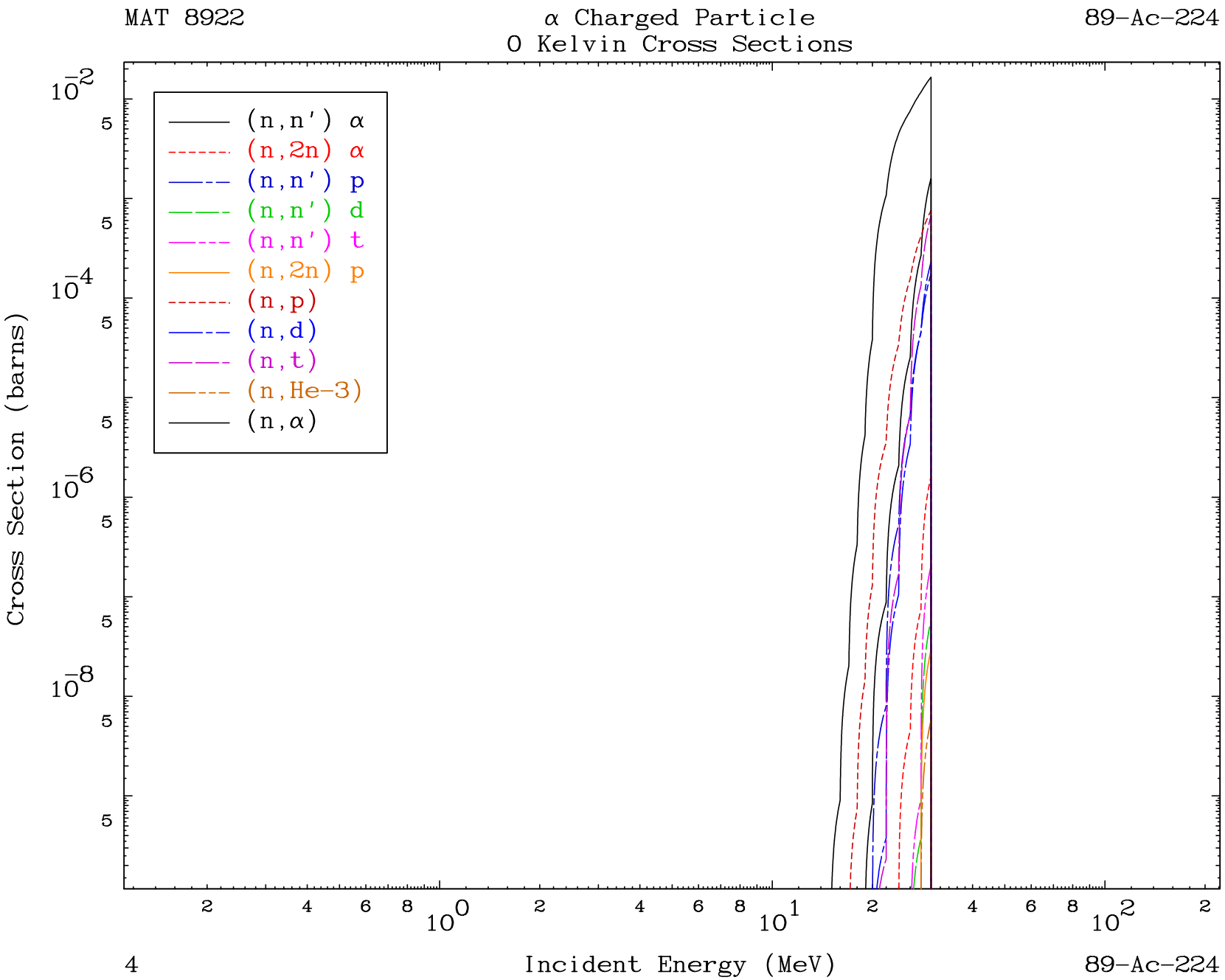
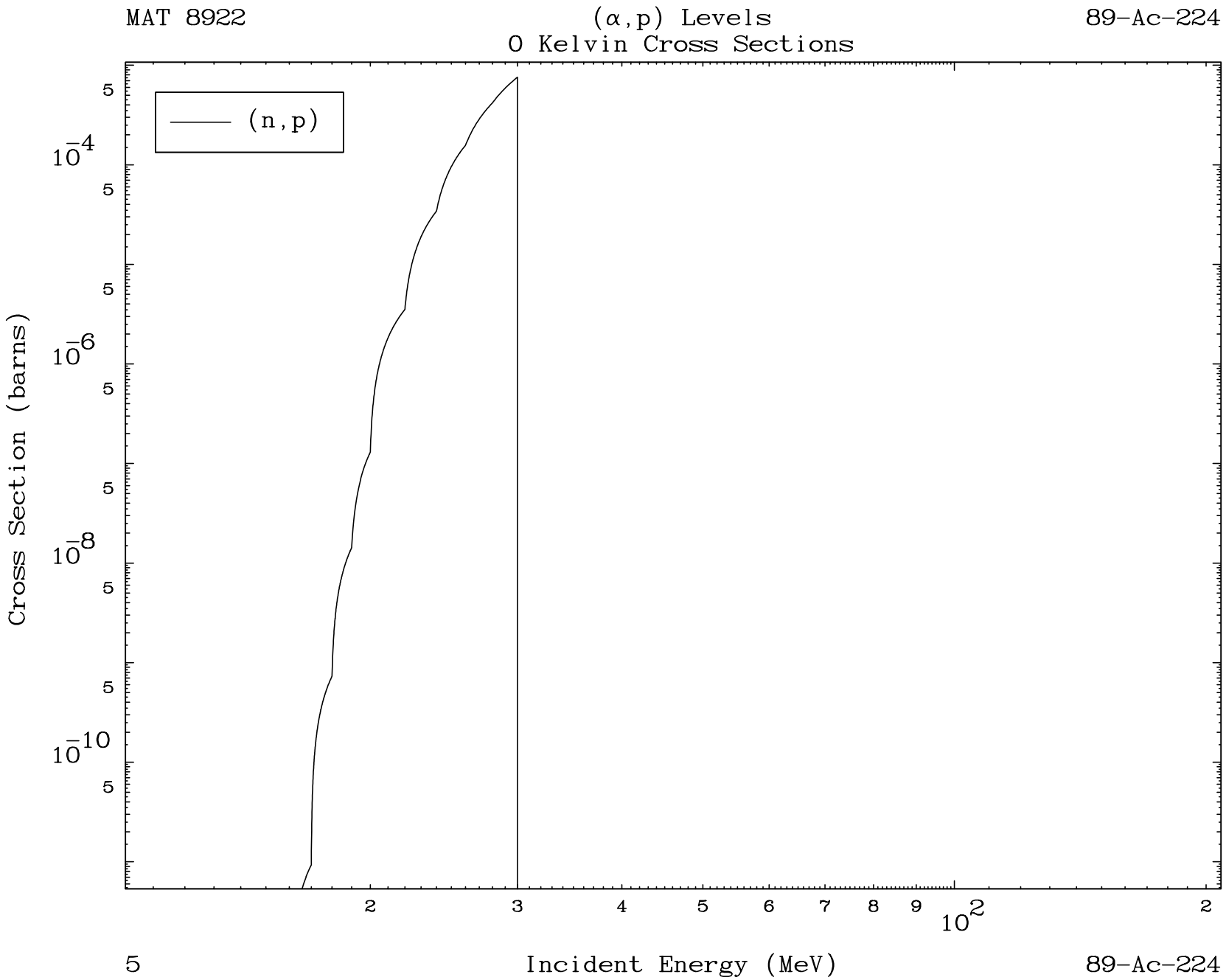
Press Mouse Button to Start

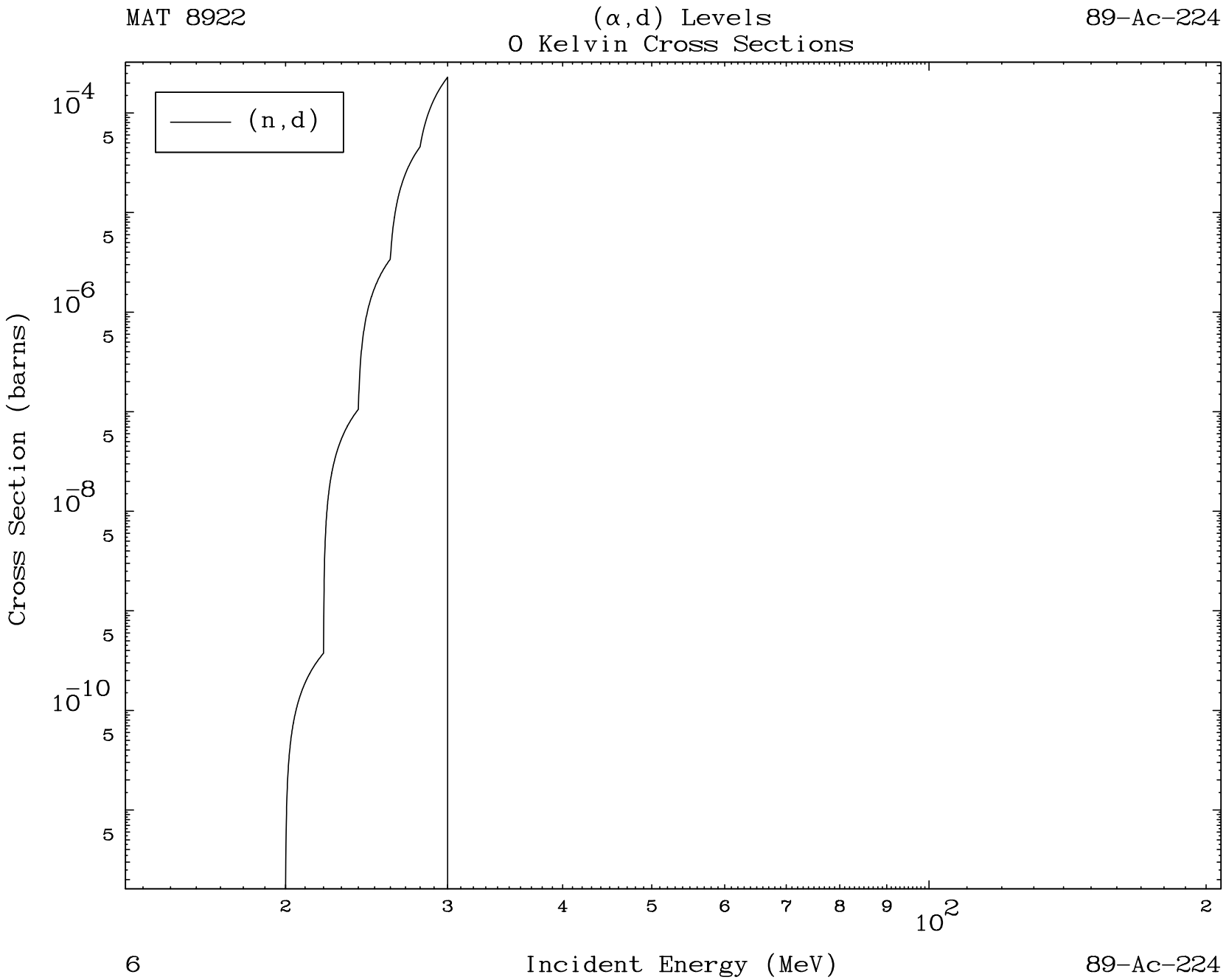

MAT 8922
α Major
89-Ac-224
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
89-Ac-224
1

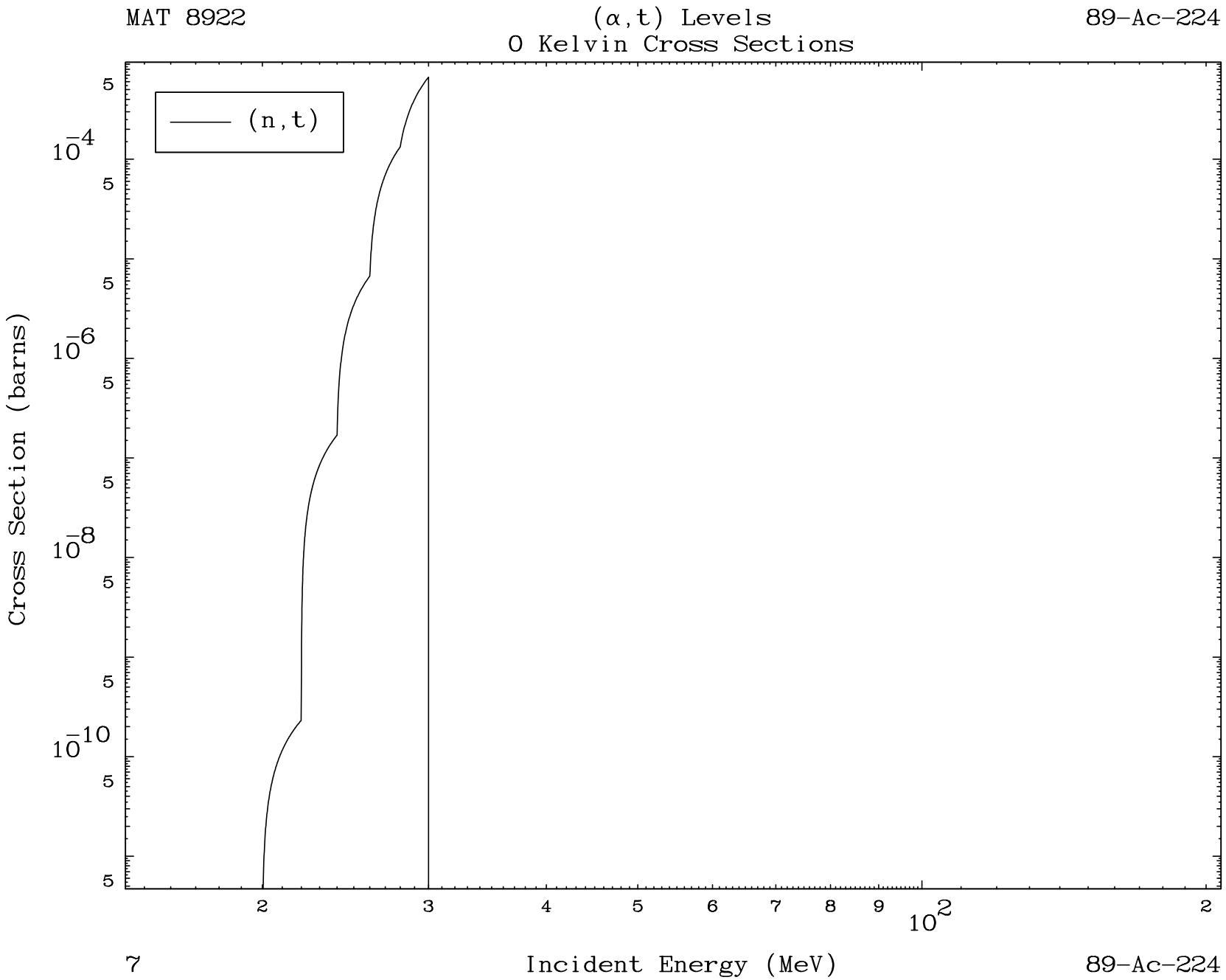

MAT 8922
α Neutron Absorption
0 Kelvin Cross Sections
89-Ac-224
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
89-Ac-224
2

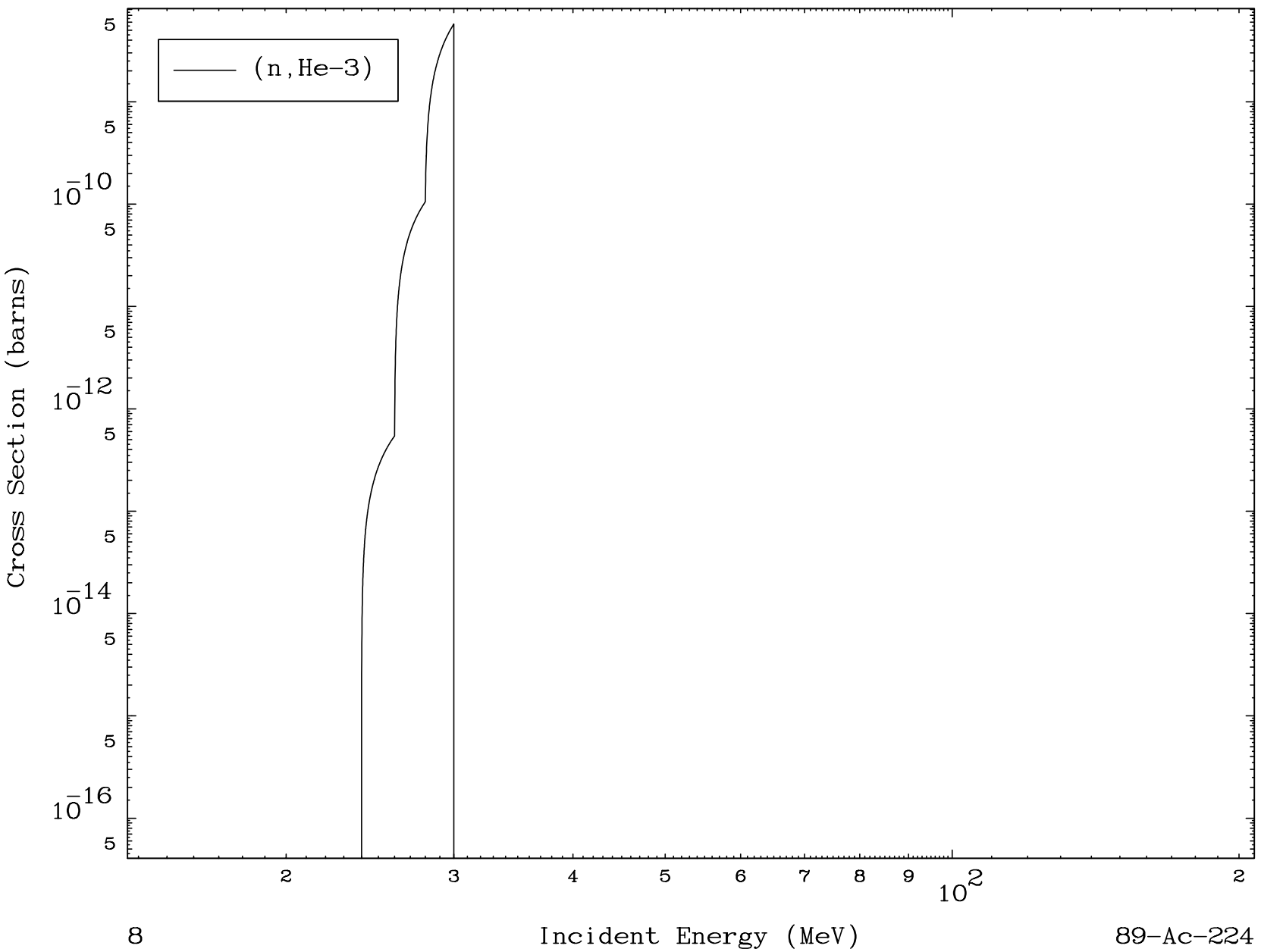

MAT 8922
α Neutron Absorption
0 Kelvin Cross Sections
89-Ac-224
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
89-Ac-224

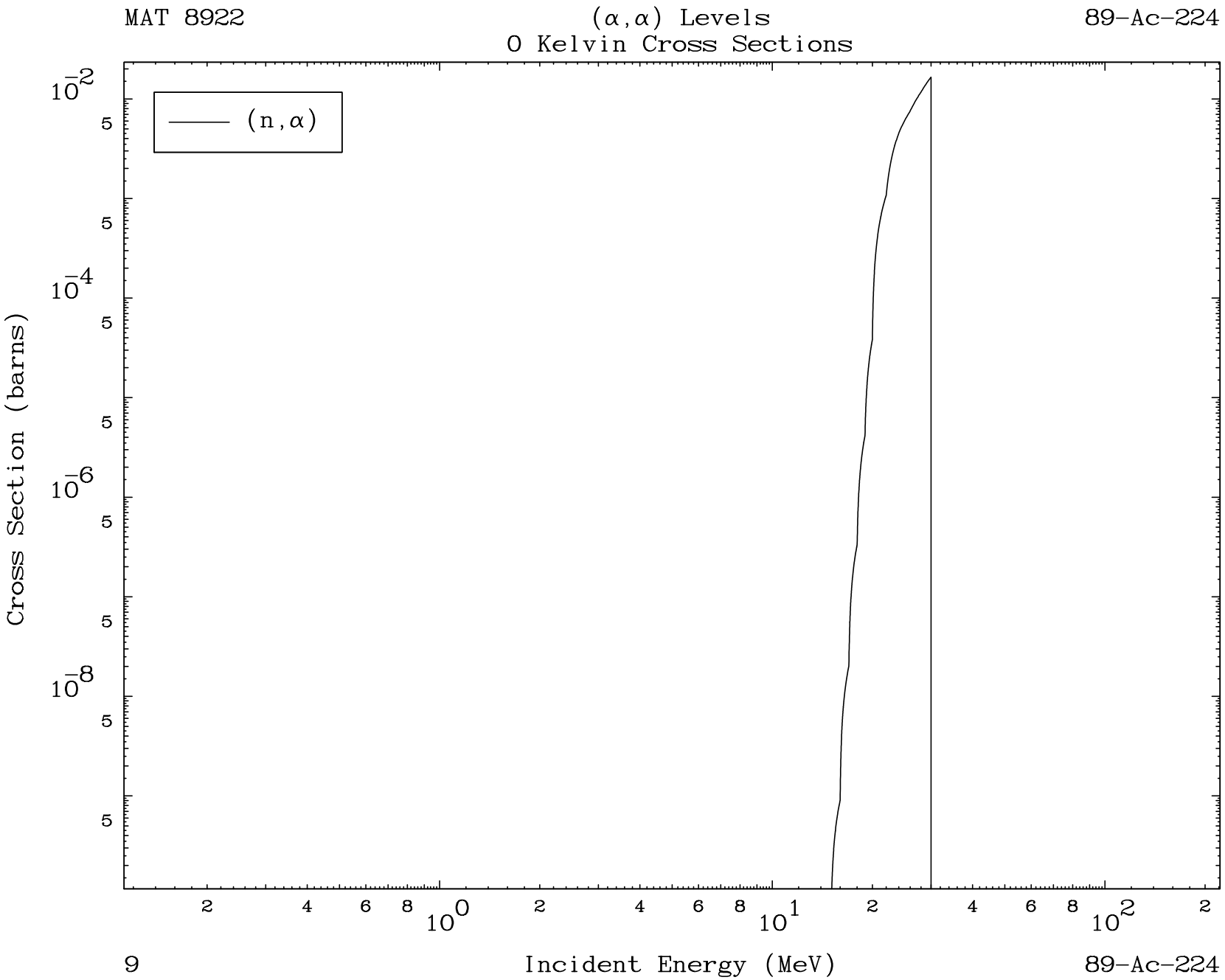

MAT 8922
α Charged Particle
0 Kelvin Cross Sections
89-Ac-224
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
89-Ac-224

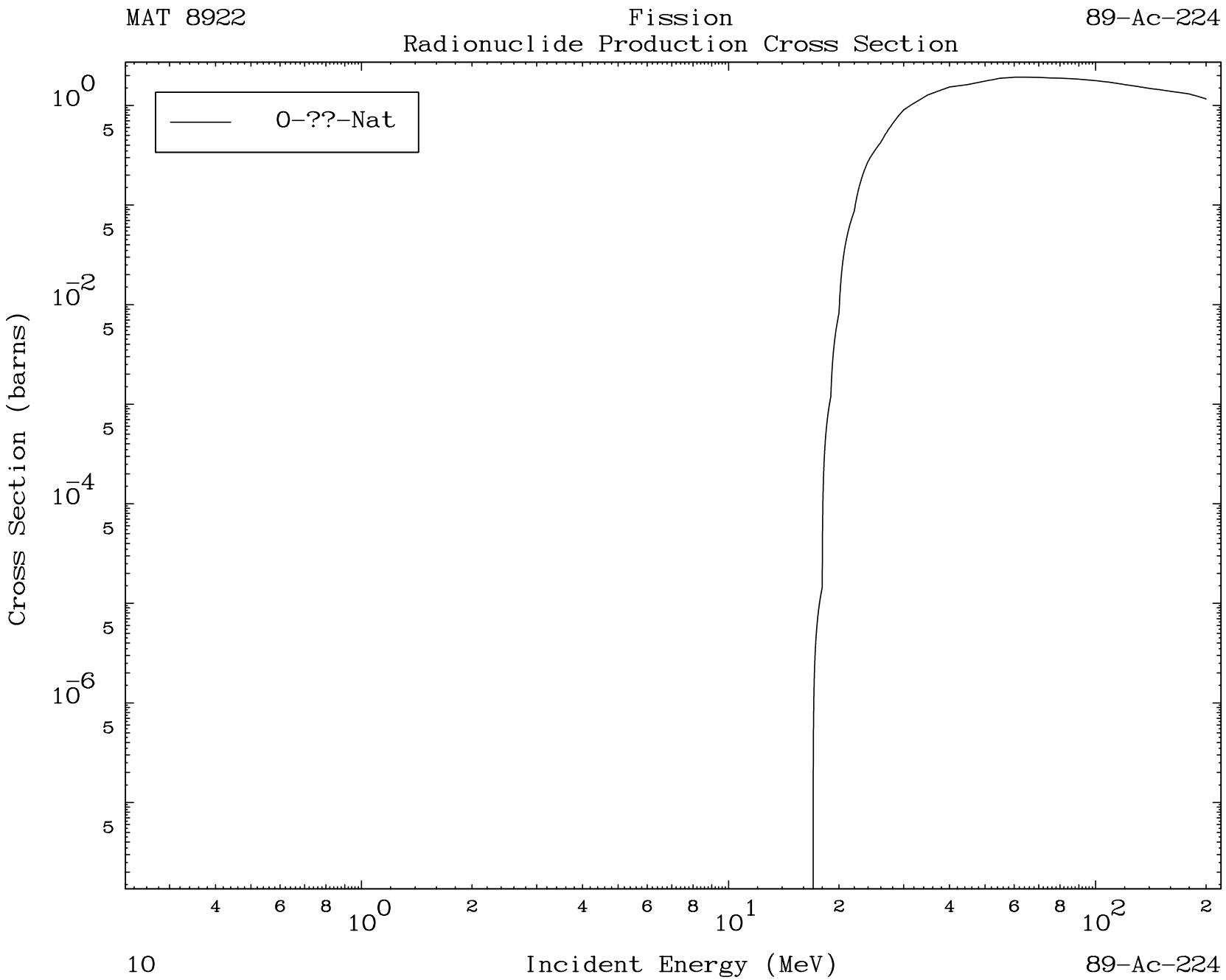

MAT 8922
(α,p) Levels
89-Ac-224
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
89-Ac-224

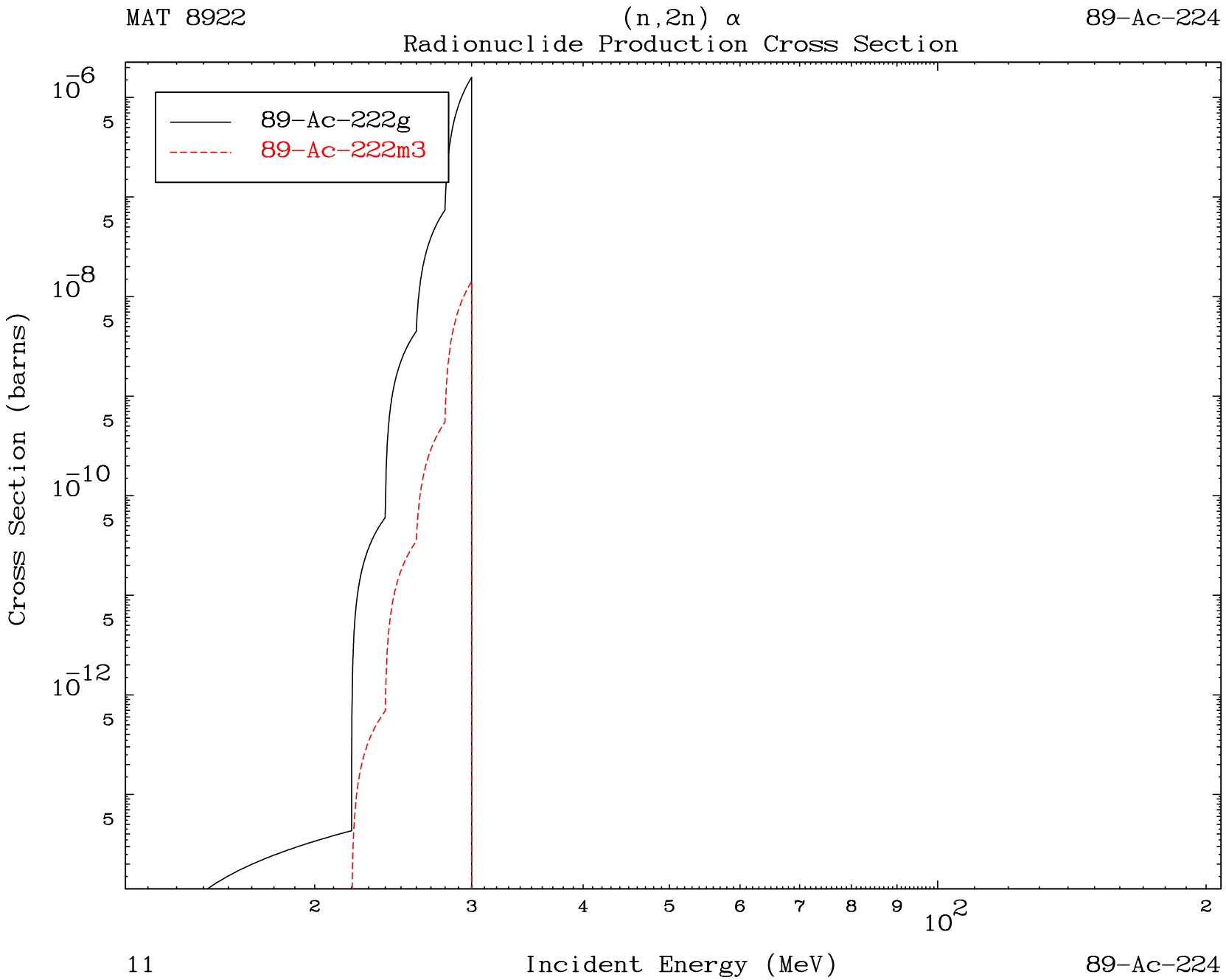

MAT 8922
(α,d) Levels
89-Ac-224
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
6
89-Ac-224


MAT 8922
(α,t) Levels
89-Ac-224
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
89-Ac-224


0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
5
5
10^-10
5
5
10^-12
5
5
10^-14
5
5
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 8922
(α,α) Levels
89-Ac-224
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
9
89-Ac-224


MAT 8922
Fission
89-Ac-224
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
89-Ac-224


MAT 8922
(n,2n) α
89-Ac-224
Radionuclide Production Cross Section
89-Ac-222g
89-Ac-222m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
89-Ac-224