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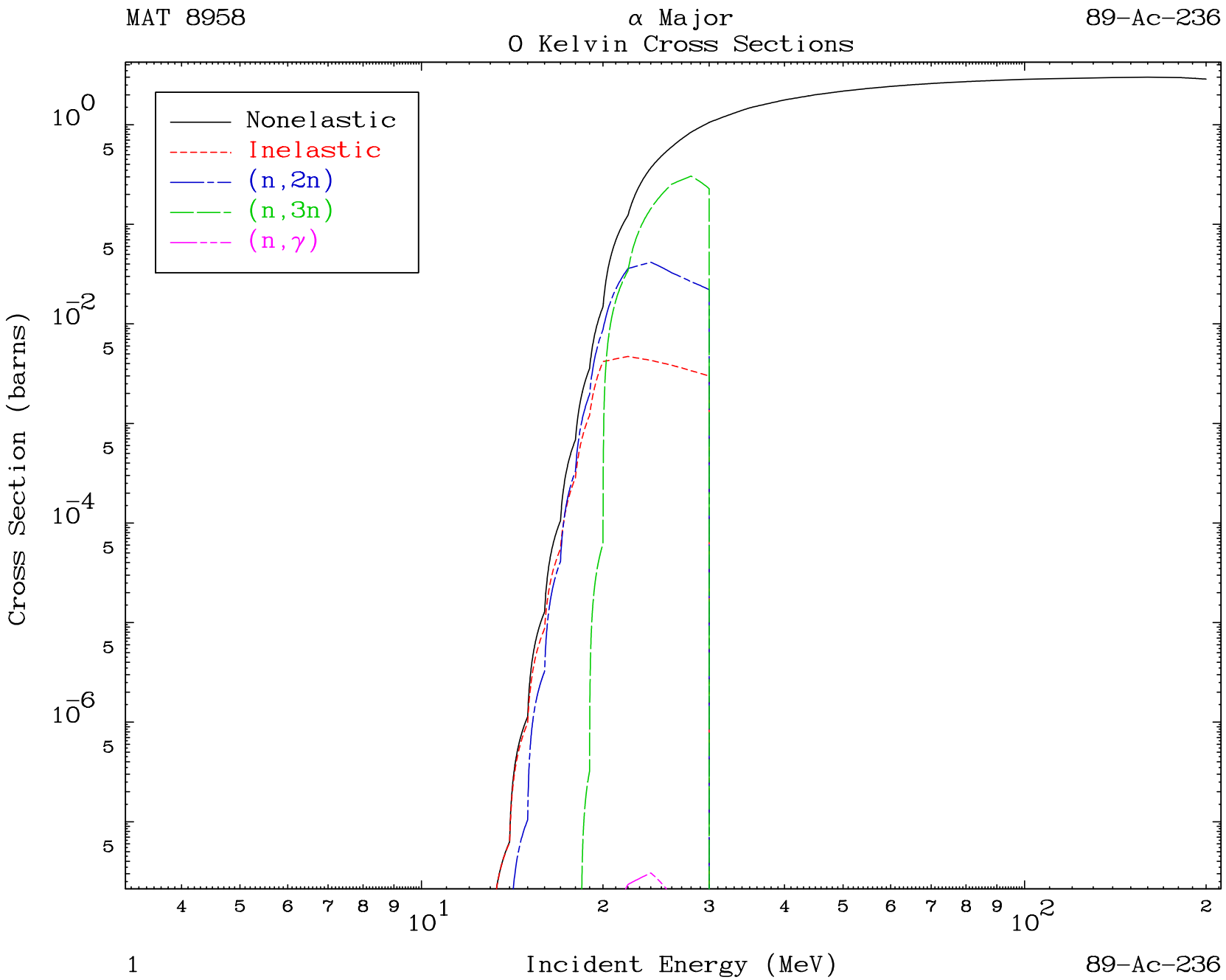
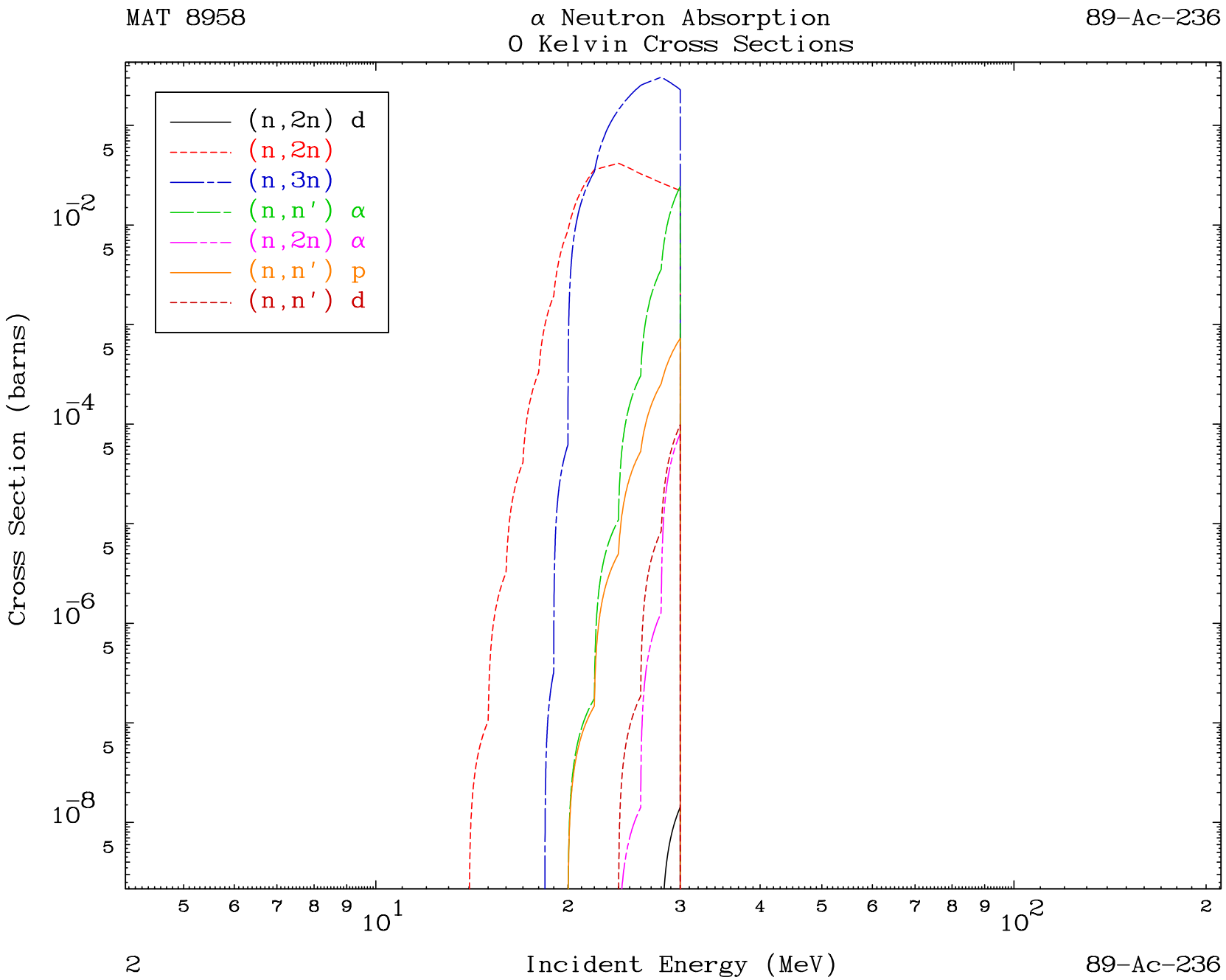
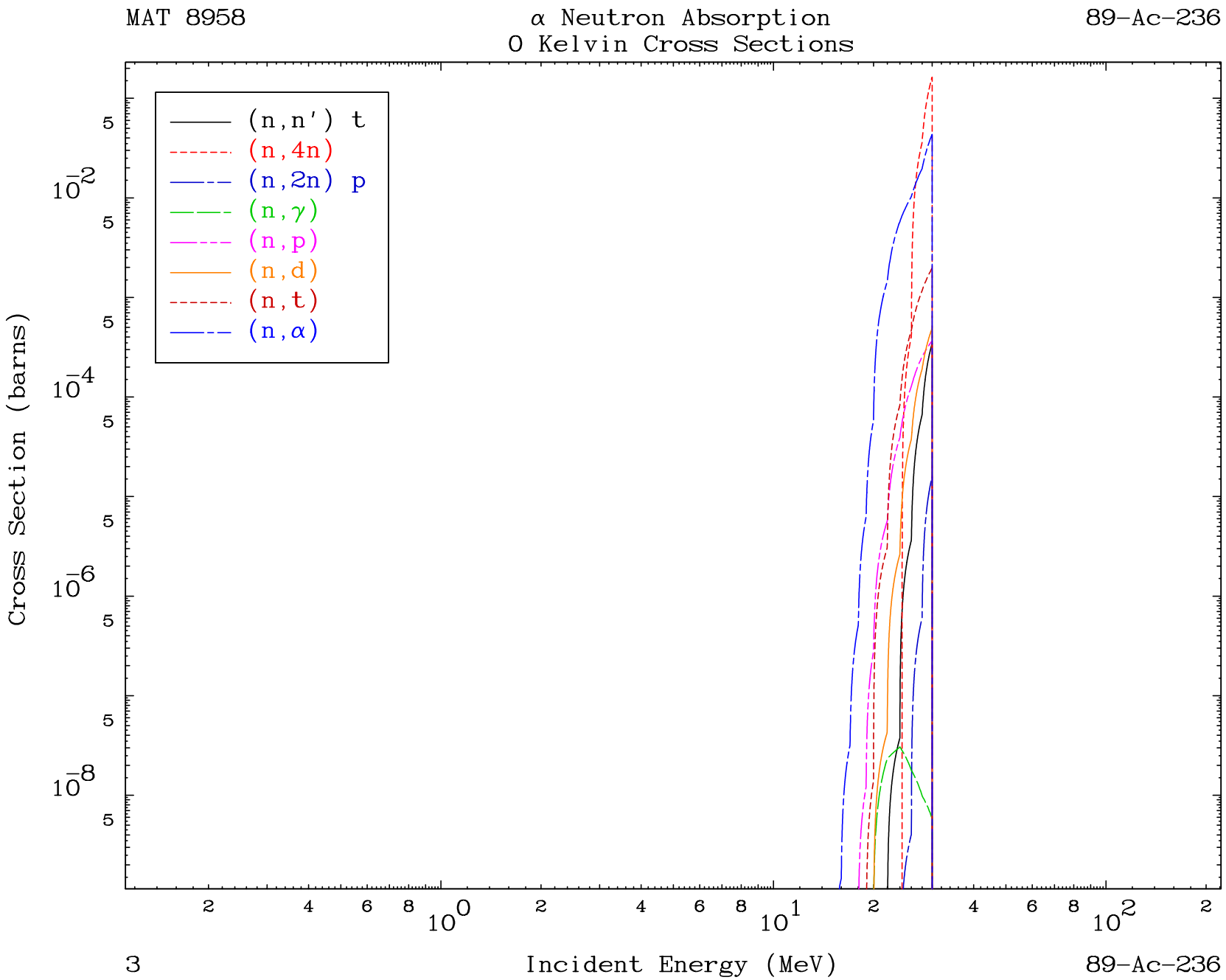
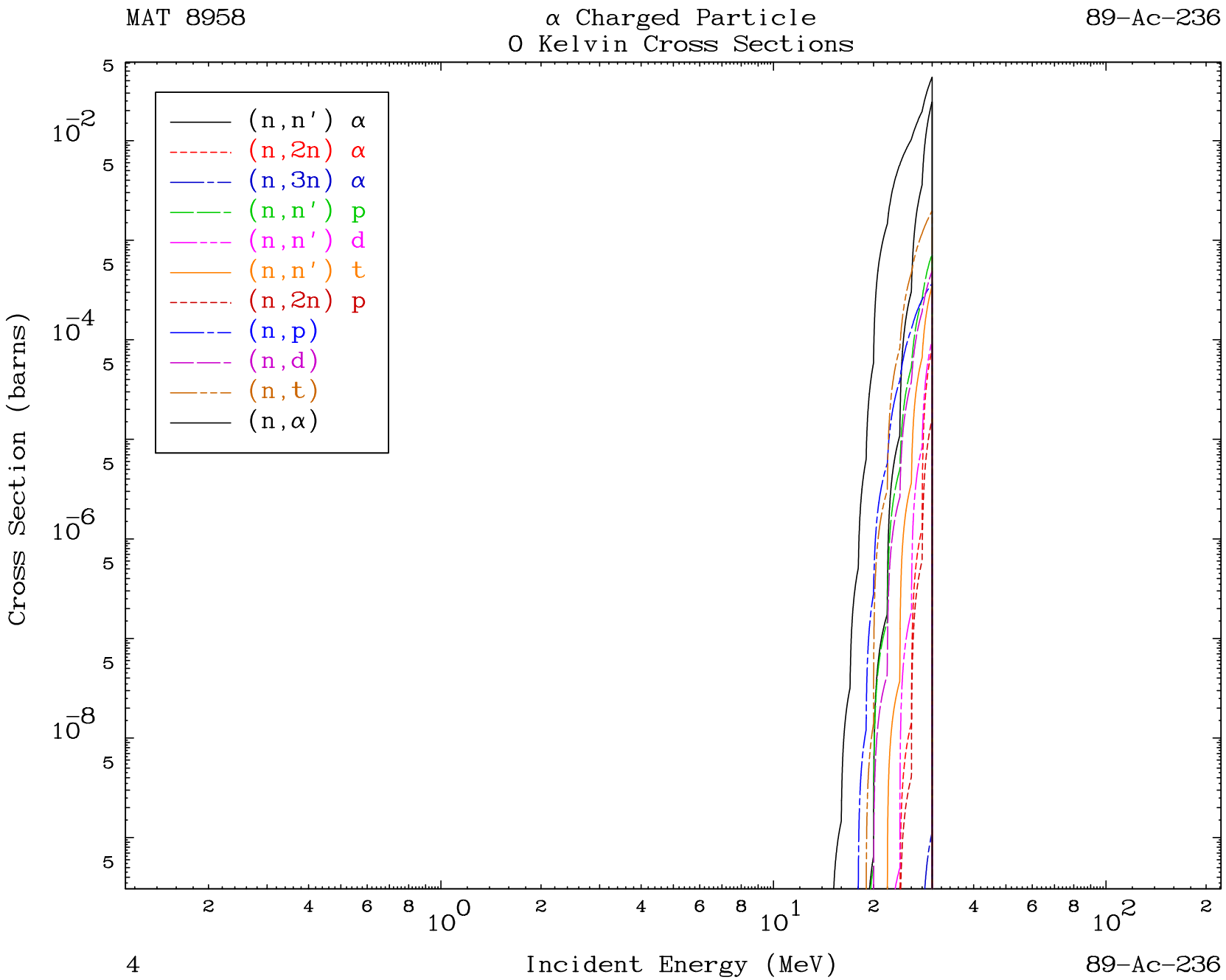
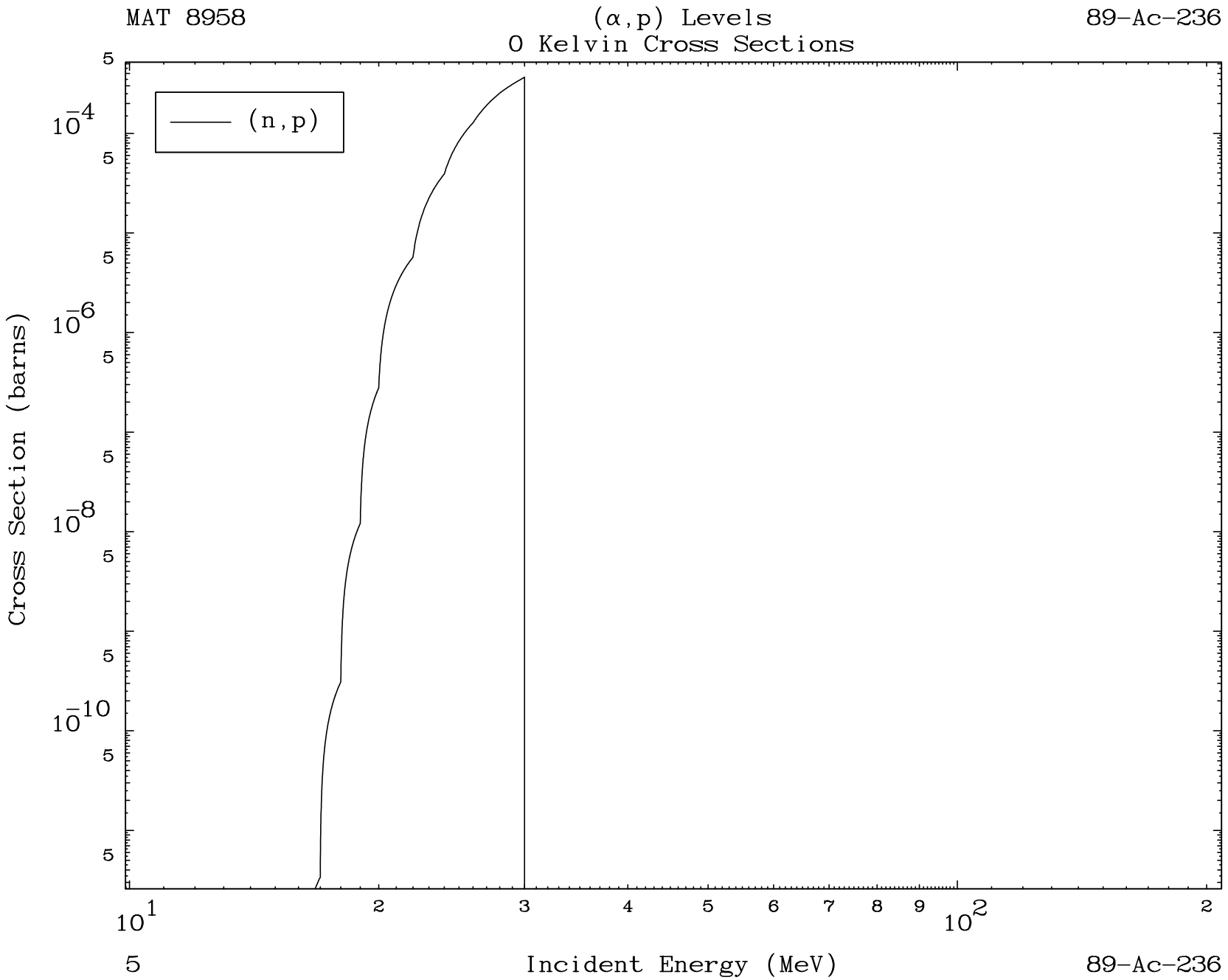
Press Mouse Button to Start

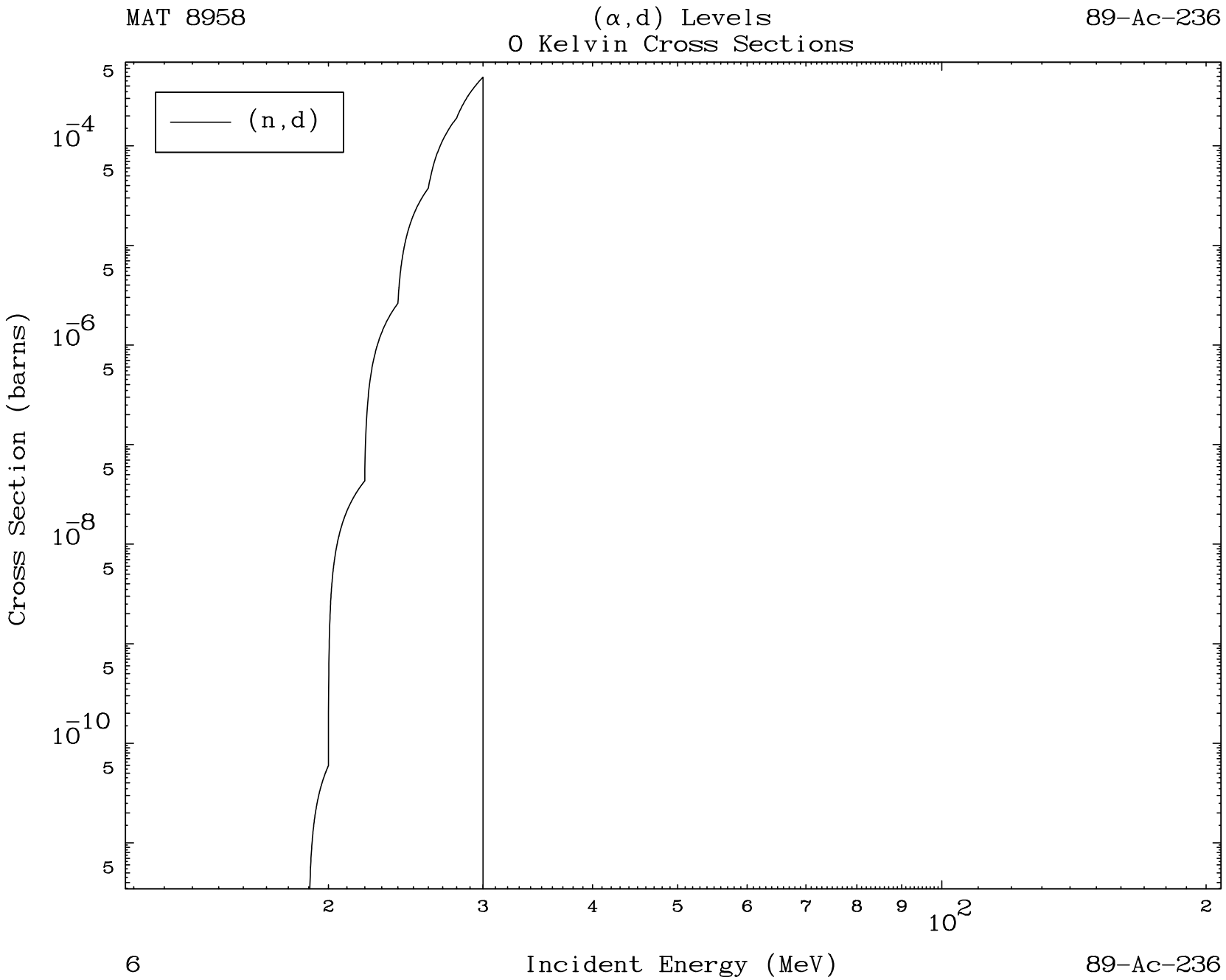

MAT 8958
α Major
89-Ac-236
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
89-Ac-236

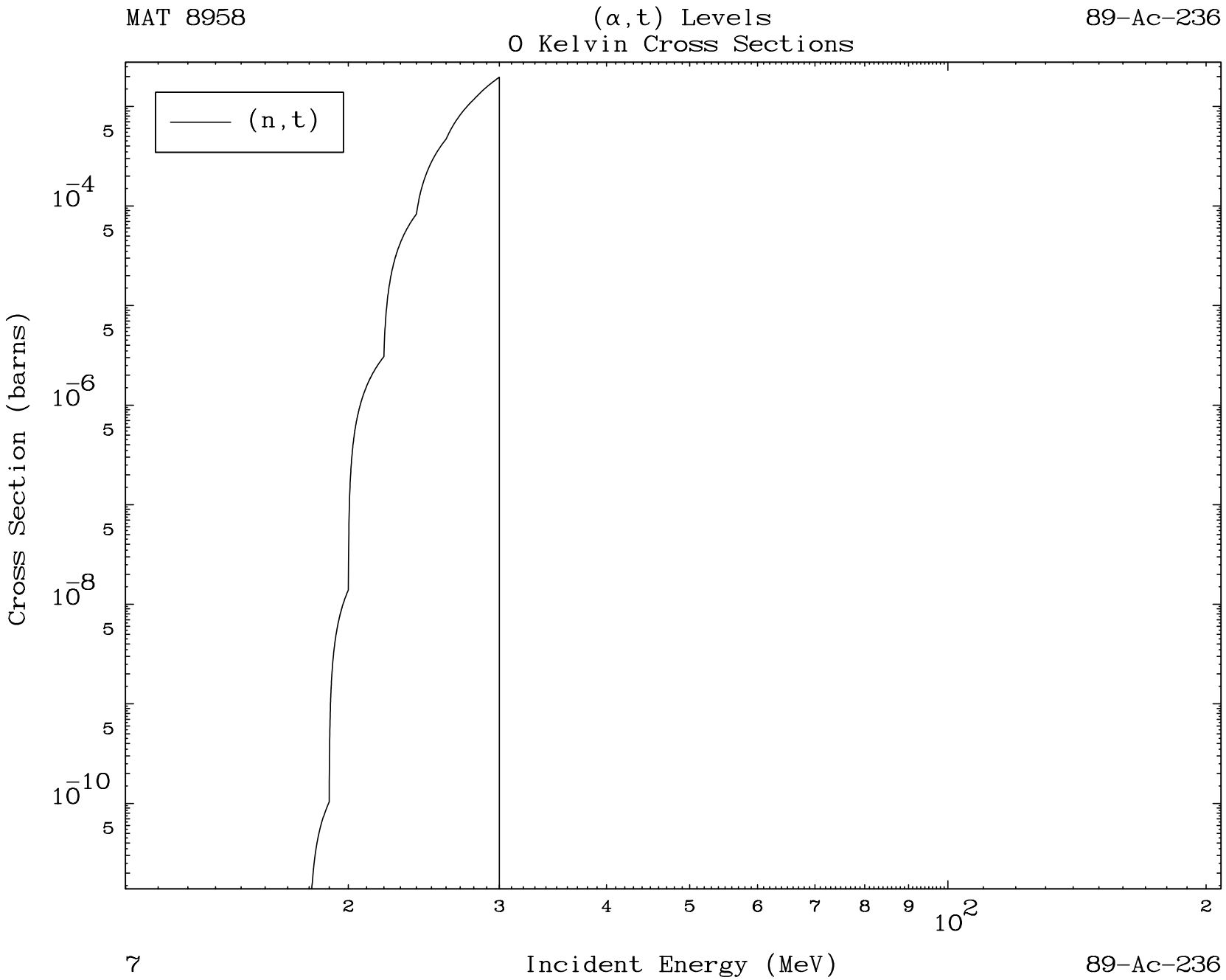

MAT 8958
α Neutron Absorption
0 Kelvin Cross Sections
89-Ac-236
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
89-Ac-236
2

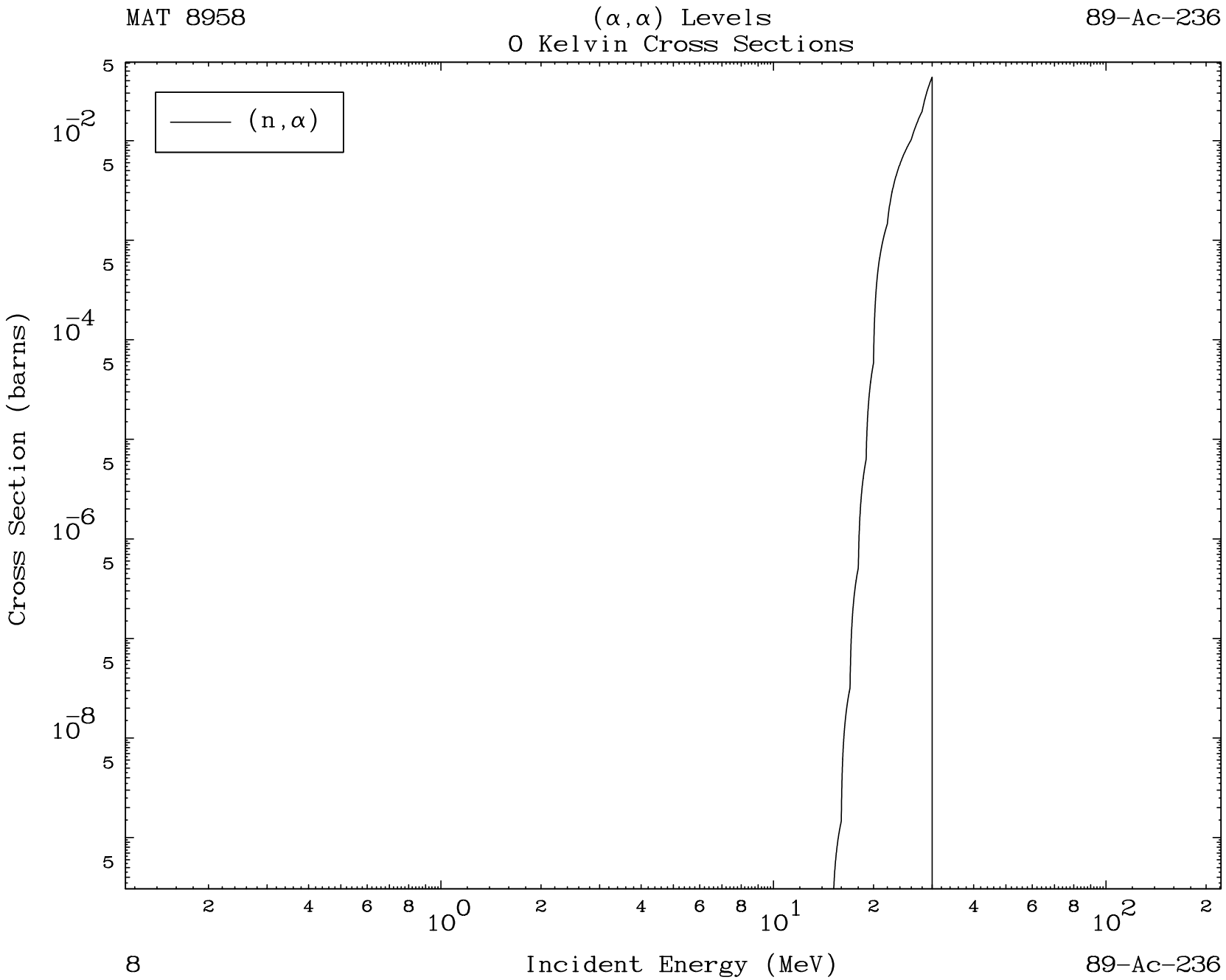

MAT 8958
α Neutron Absorption
0 Kelvin Cross Sections
89-Ac-236
(n,n') t
(n,4n)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
89-Ac-236

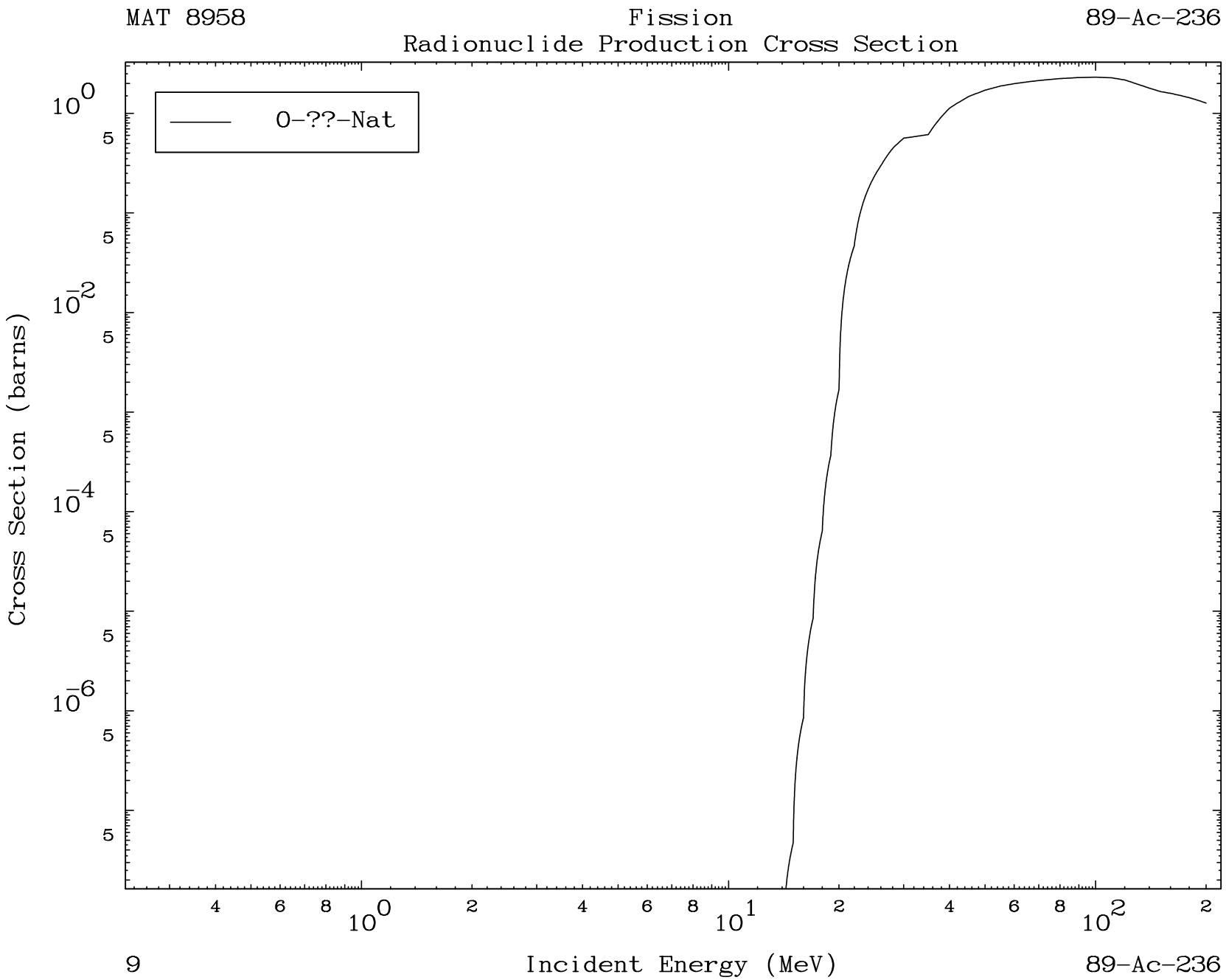

MAT 8958
α Charged Particle
0 Kelvin Cross Sections
89-Ac-236
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
89-Ac-236


MAT 8958
(α,p) Levels
89-Ac-236
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
89-Ac-236


MAT 8958
(α,d) Levels
89-Ac-236
0 Kelvin Cross Sections
(n,d)
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)
89-Ac-236


MAT 8958
(α,t) Levels
89-Ac-236
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-236


MAT 8958
(α,α) Levels
89-Ac-236
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
8
89-Ac-236


MAT 8958
Fission
89-Ac-236
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
89-Ac-236