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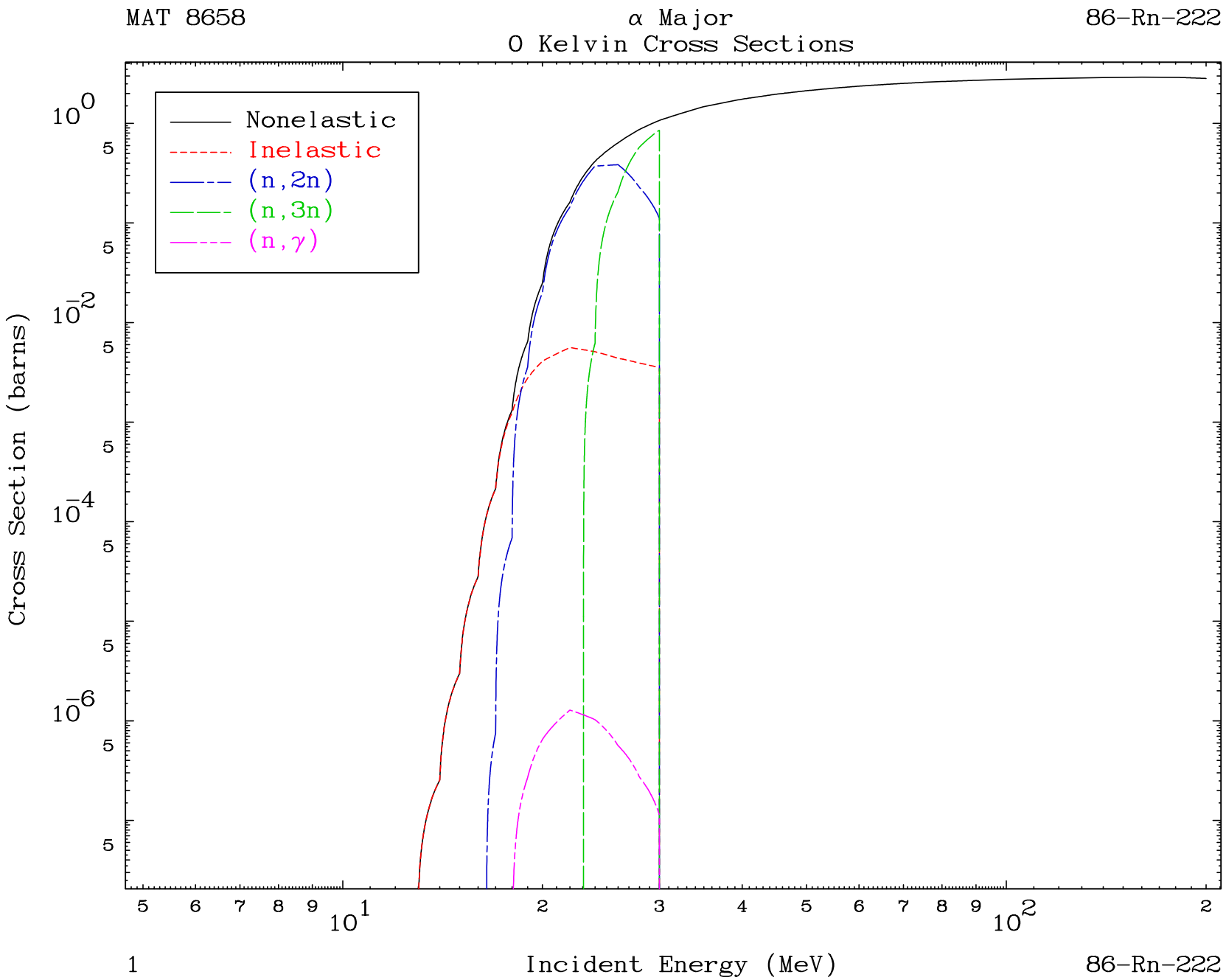
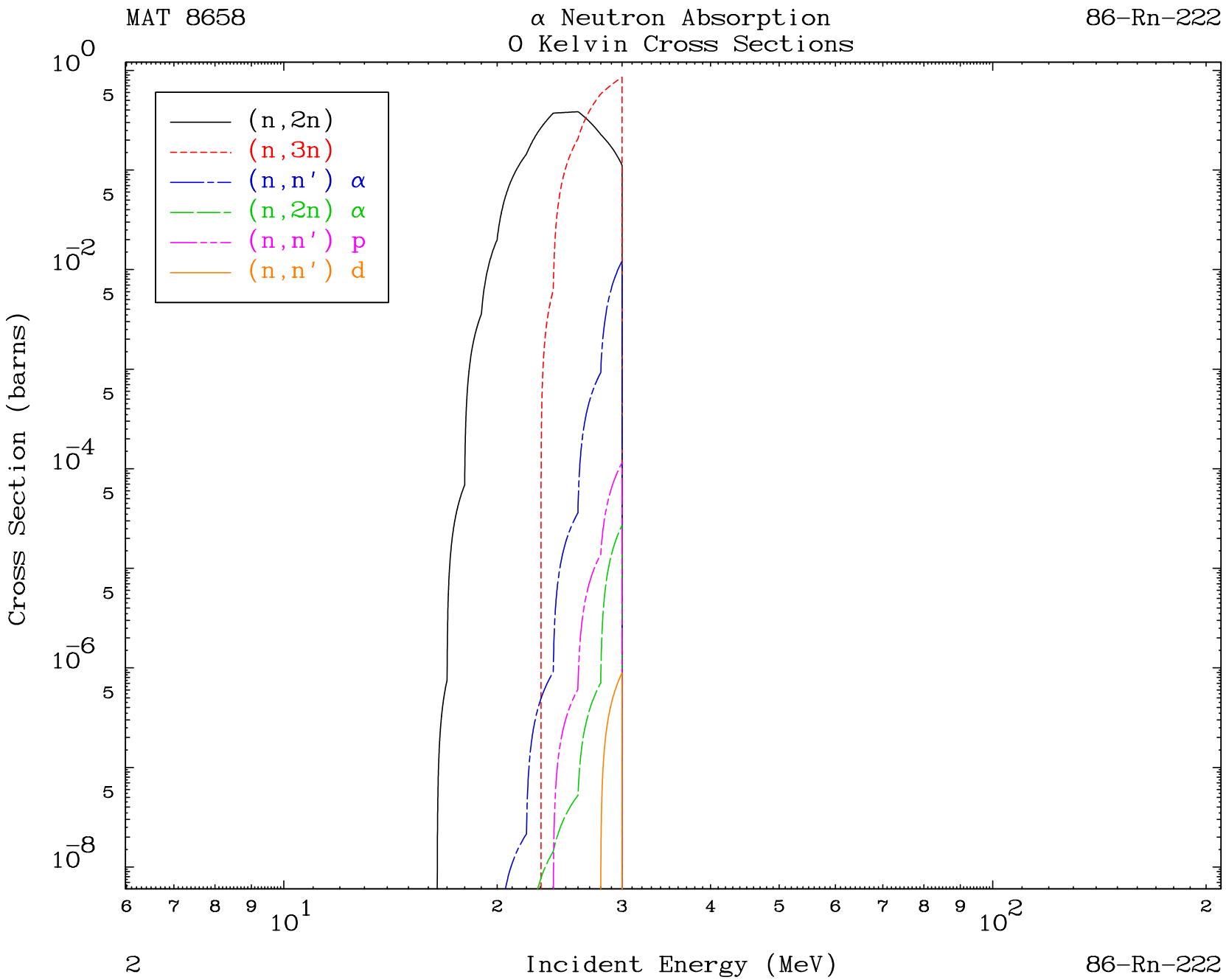
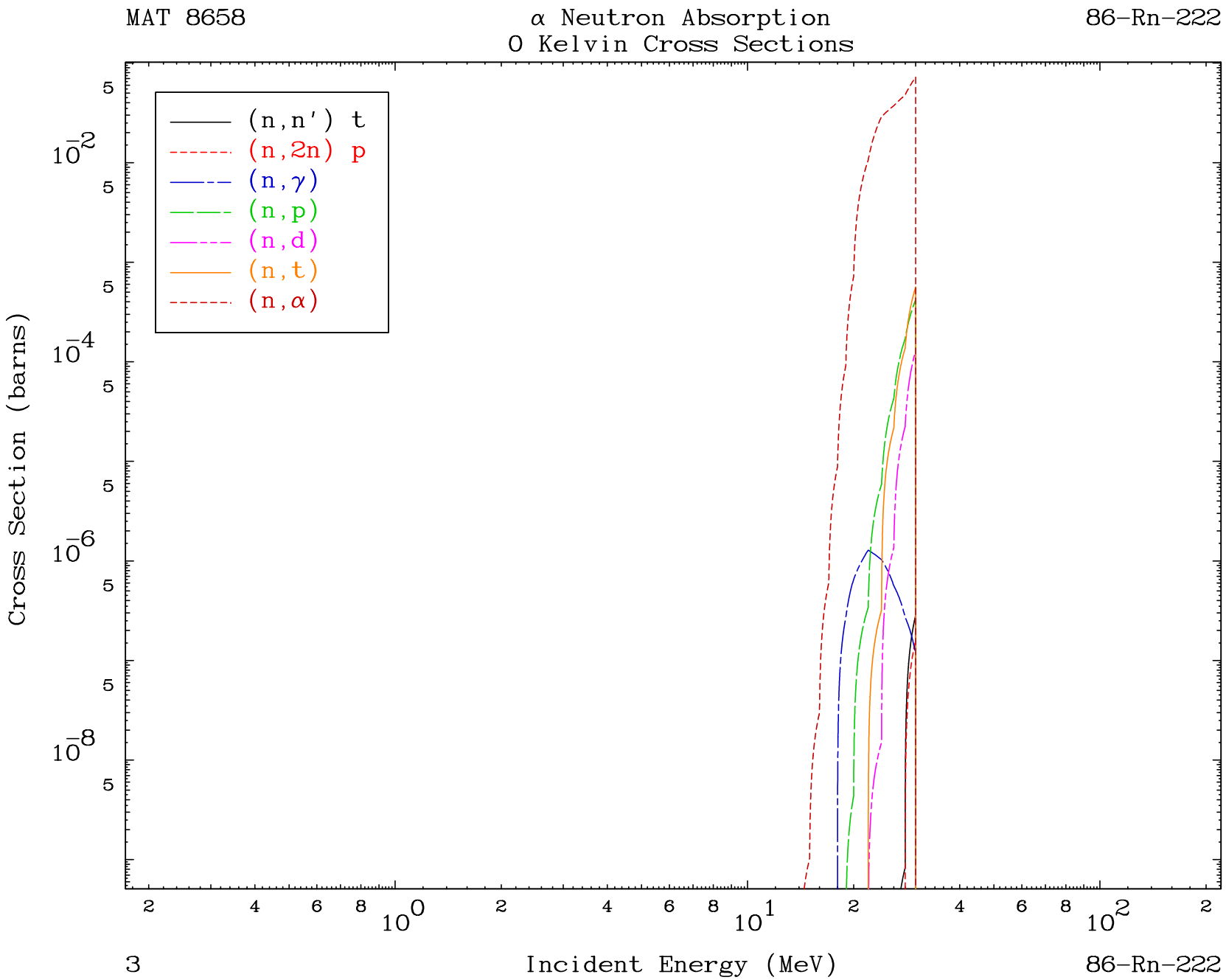
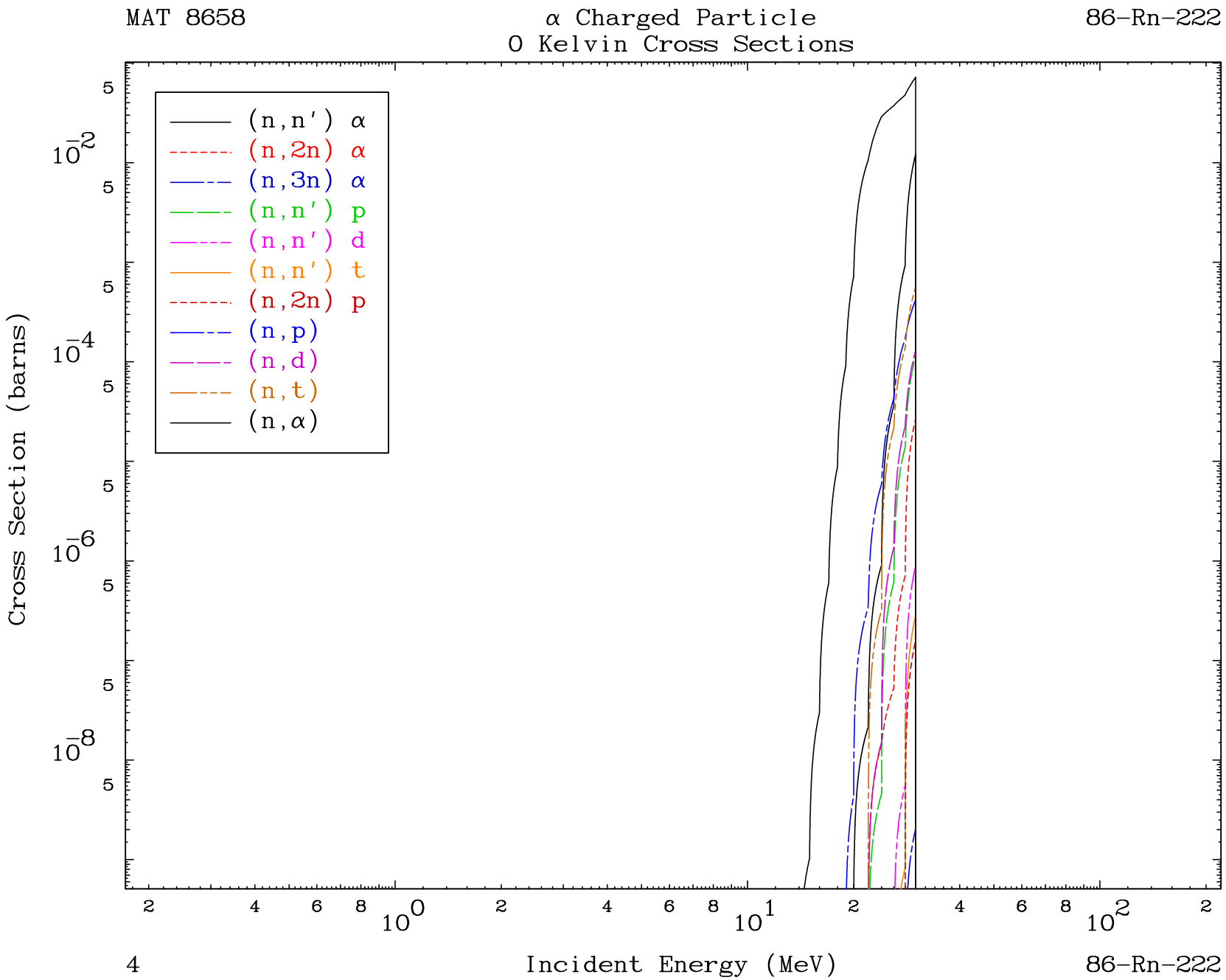
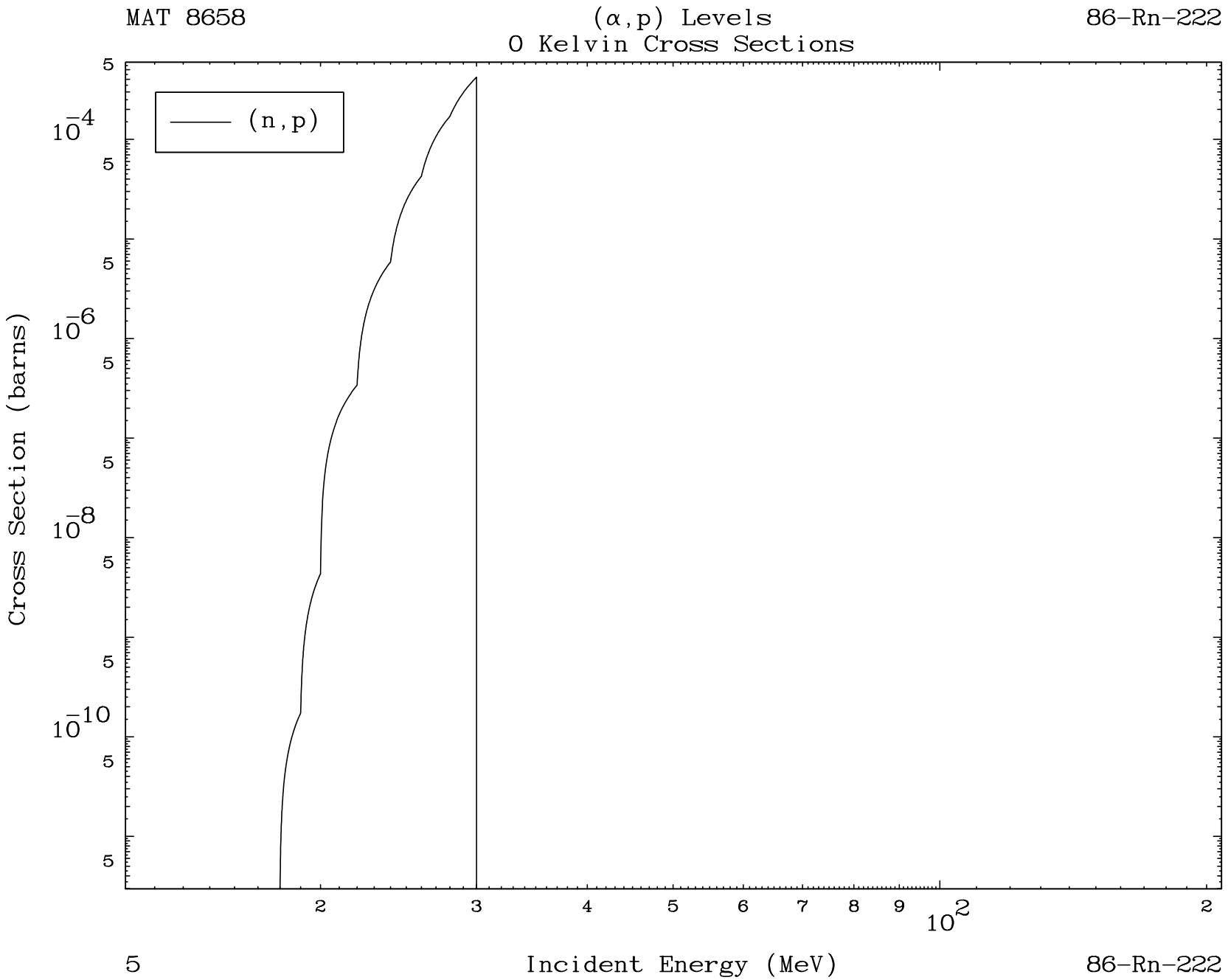
Press Mouse Button to Start

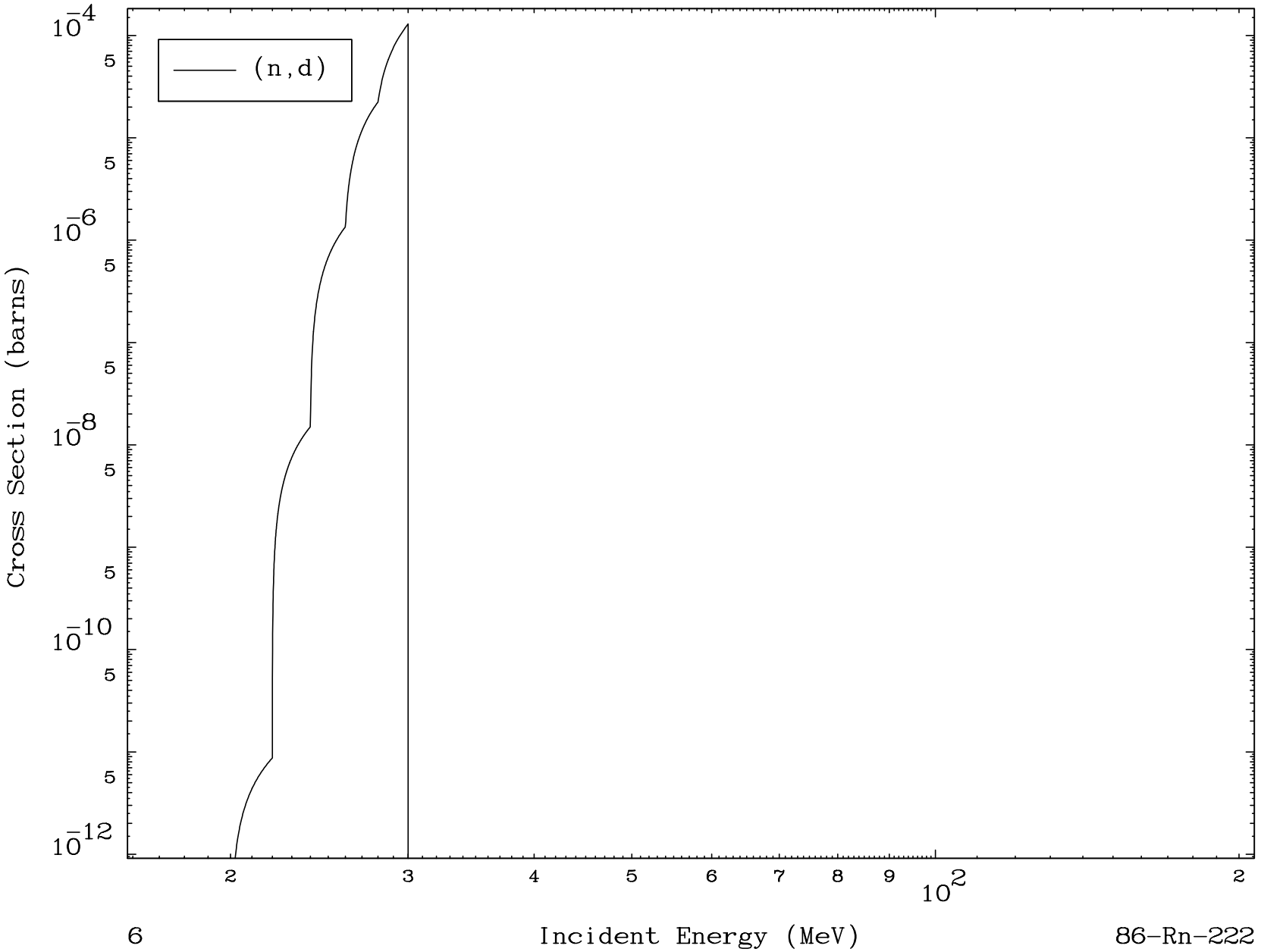

MAT 8658
α Major
86-Rn-222
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-222

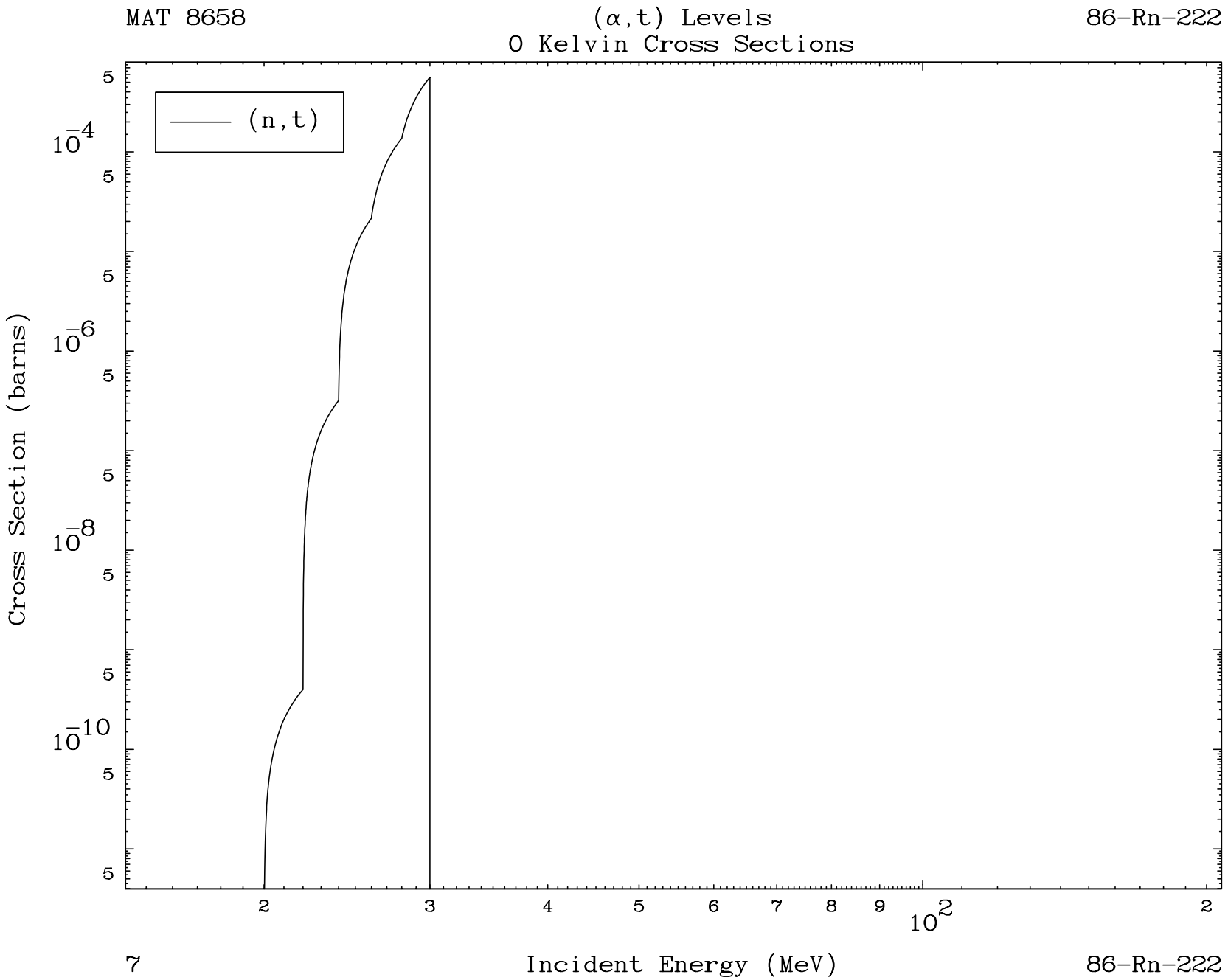

MAT 8658
α Neutron Absorption
0 Kelvin Cross Sections
86-Rn-222
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
86-Rn-222

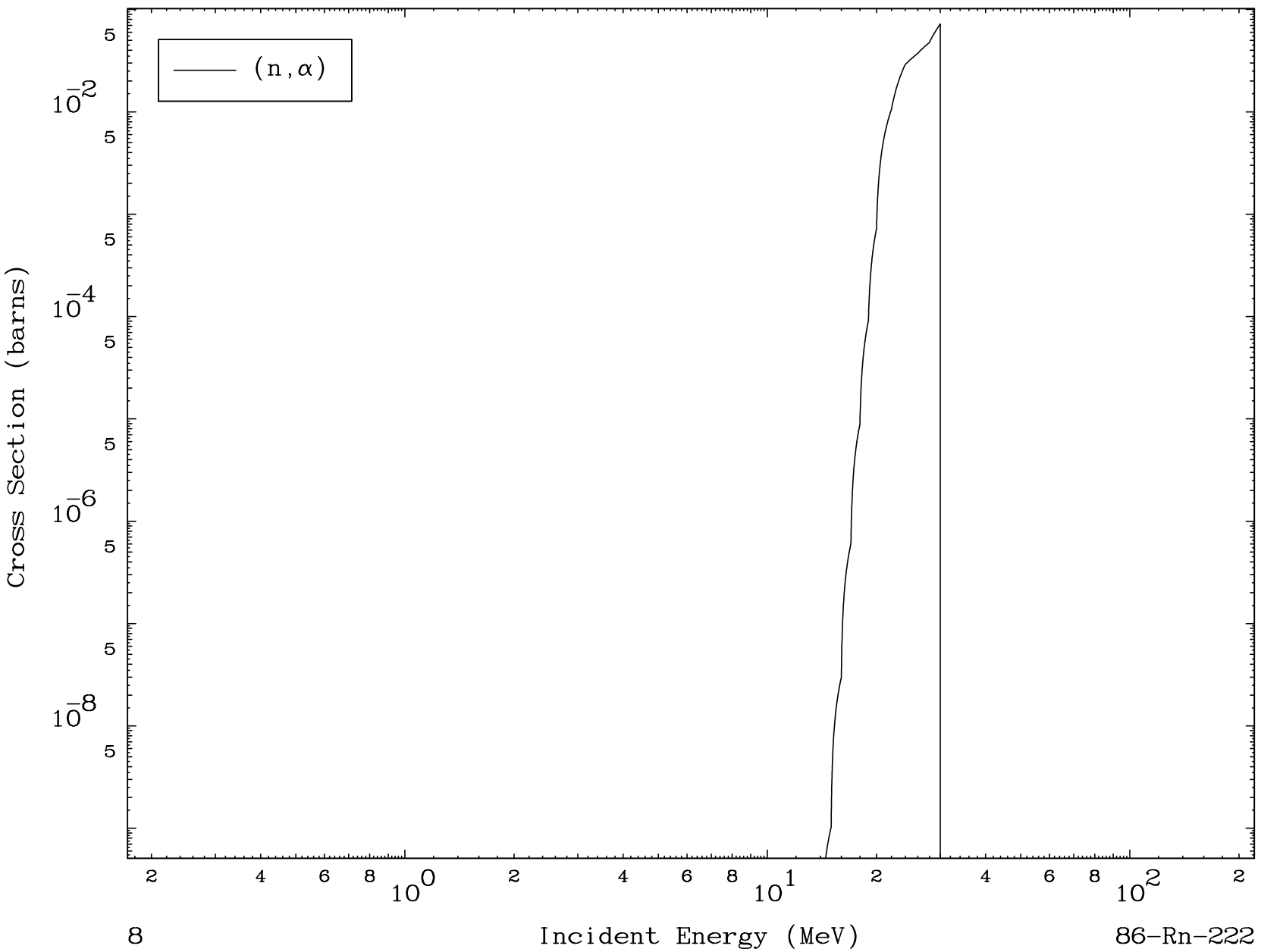

MAT 8658
α Neutron Absorption
0 Kelvin Cross Sections
86-Rn-222
(n,n') t
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-222

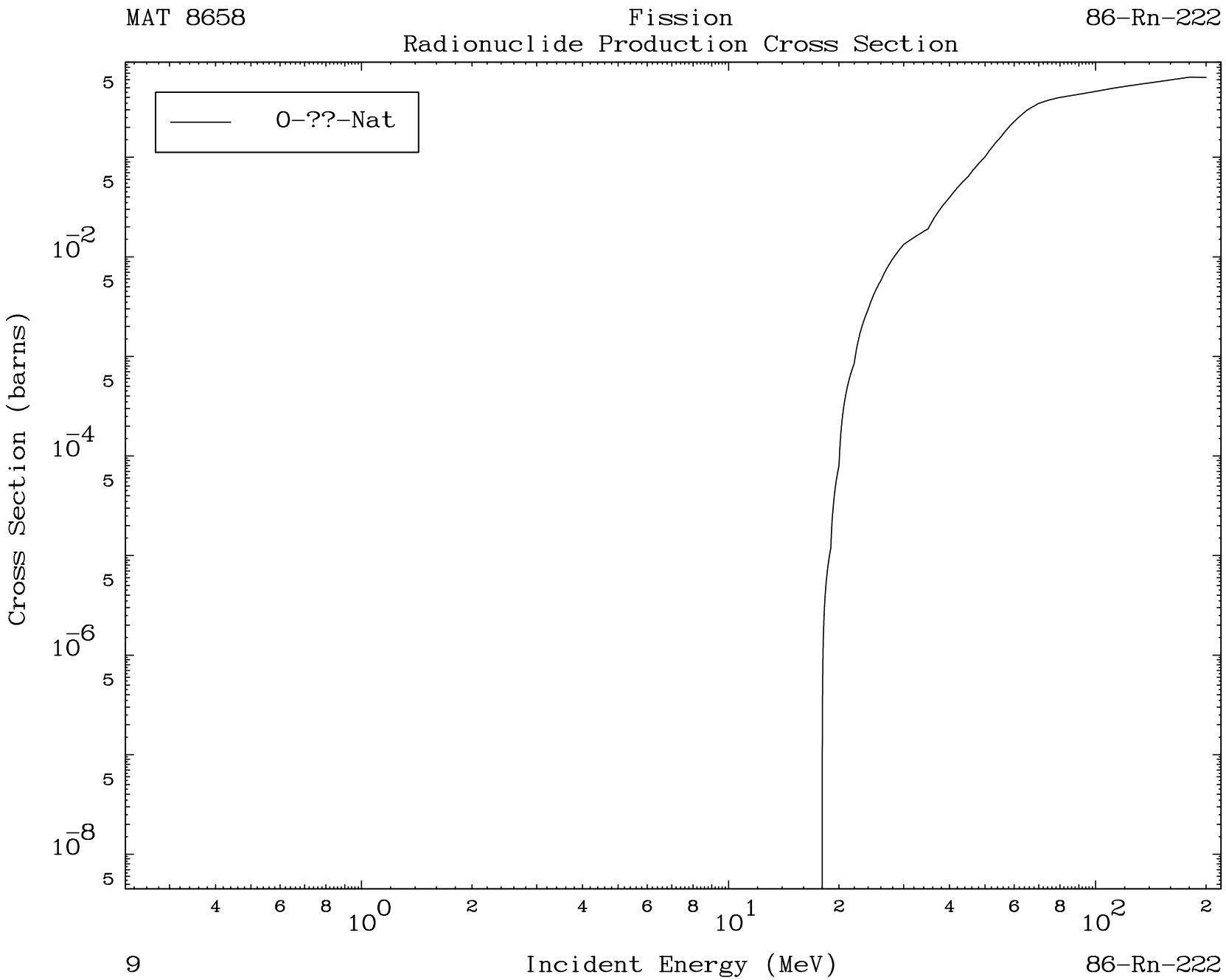

MAT 8658
α Charged Particle
0 Kelvin Cross Sections
86-Rn-222
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-222

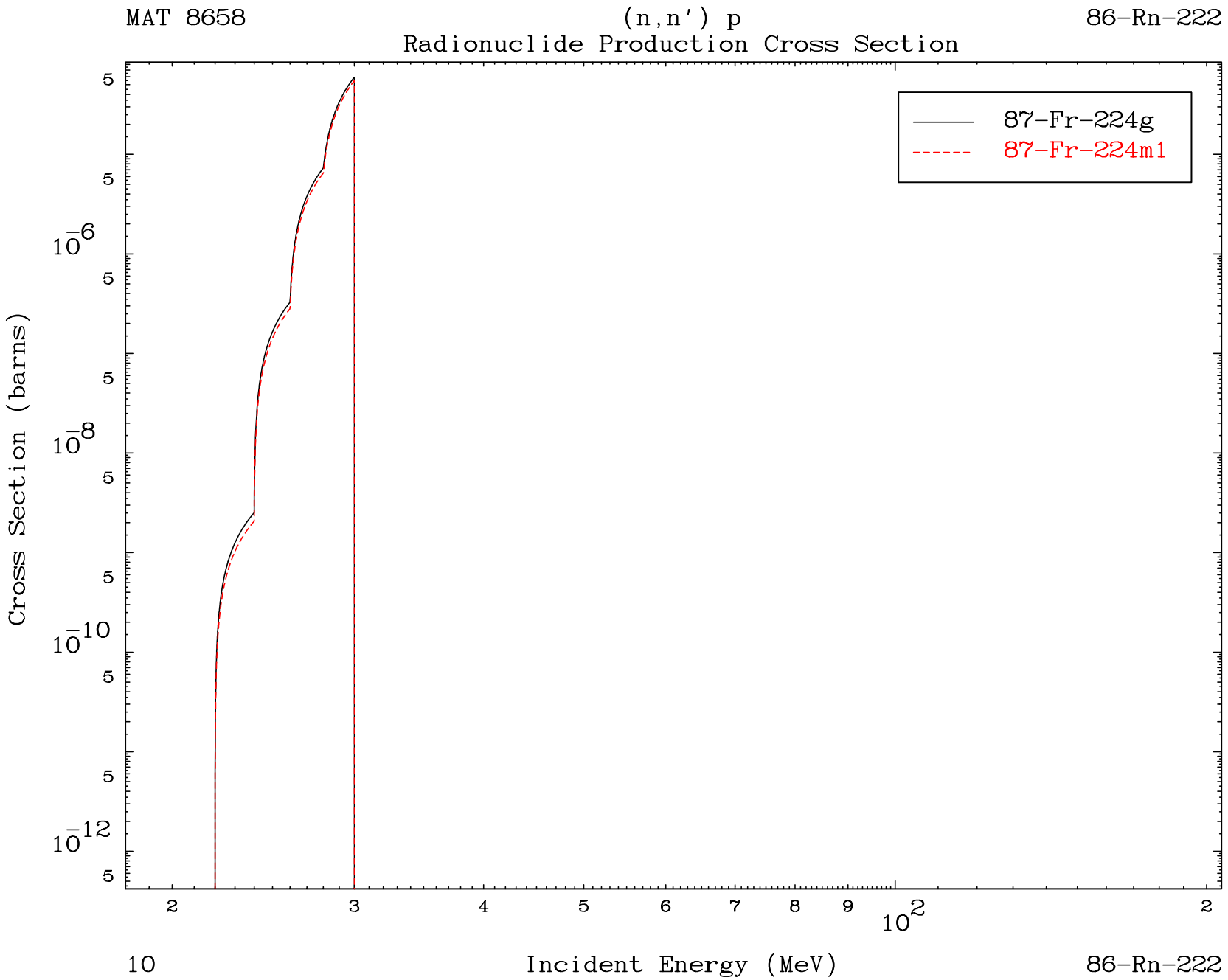

MAT 8658
(α,p) Levels
86-Rn-222
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
86-Rn-222

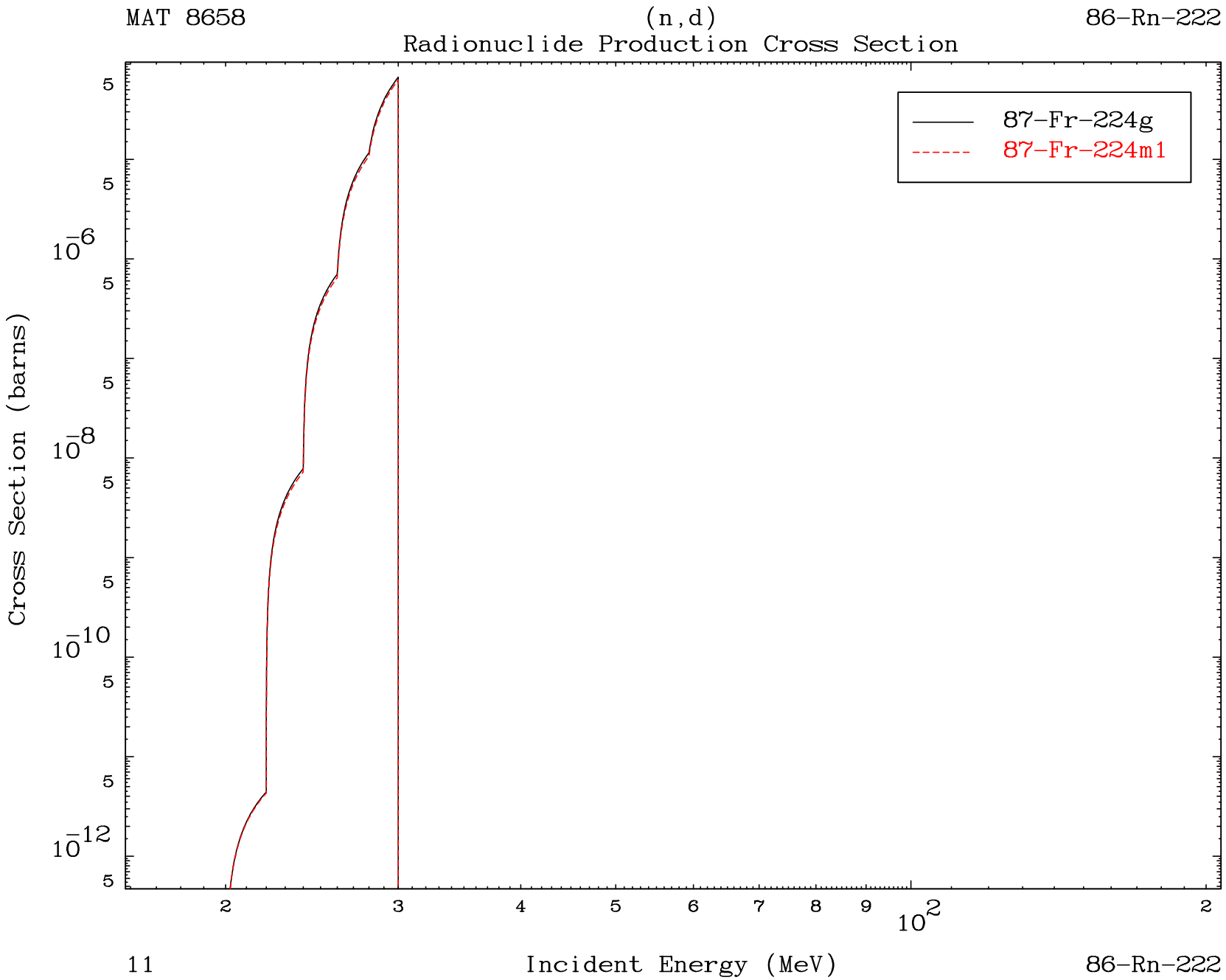

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 8658
(α,t) Levels
86-Rn-222
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)
86-Rn-222


0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)


MAT 8658
Fission
86-Rn-222
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
86-Rn-222


MAT 8658
(n,n') p
86-Rn-222
Radionuclide Production Cross Section
87-Fr-224g
87-Fr-224m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
10
Incident Energy (MeV)
86-Rn-222


MAT 8658
(n,d)
86-Rn-222
Radionuclide Production Cross Section
87-Fr-224g
87-Fr-224m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
11
86-Rn-222