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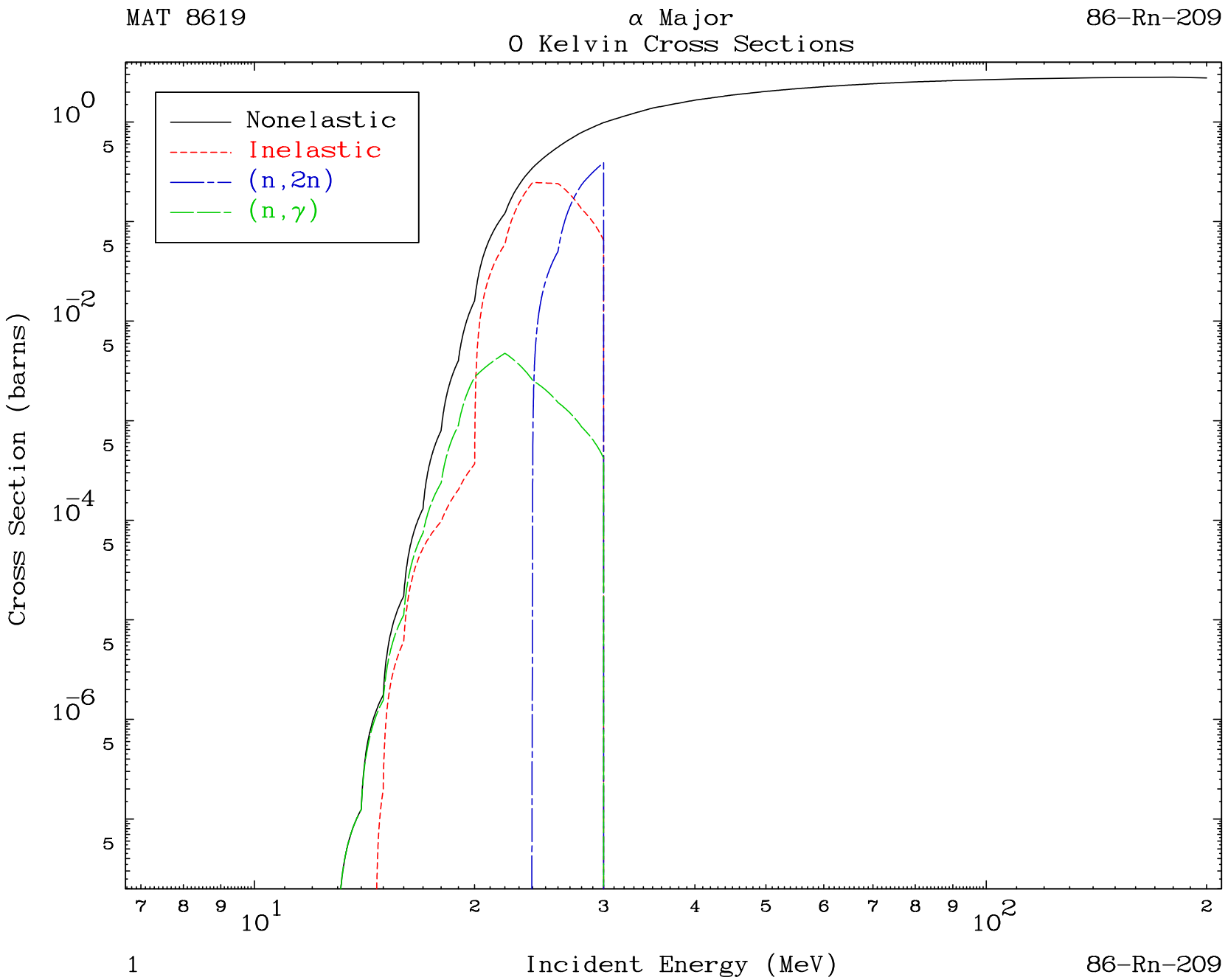
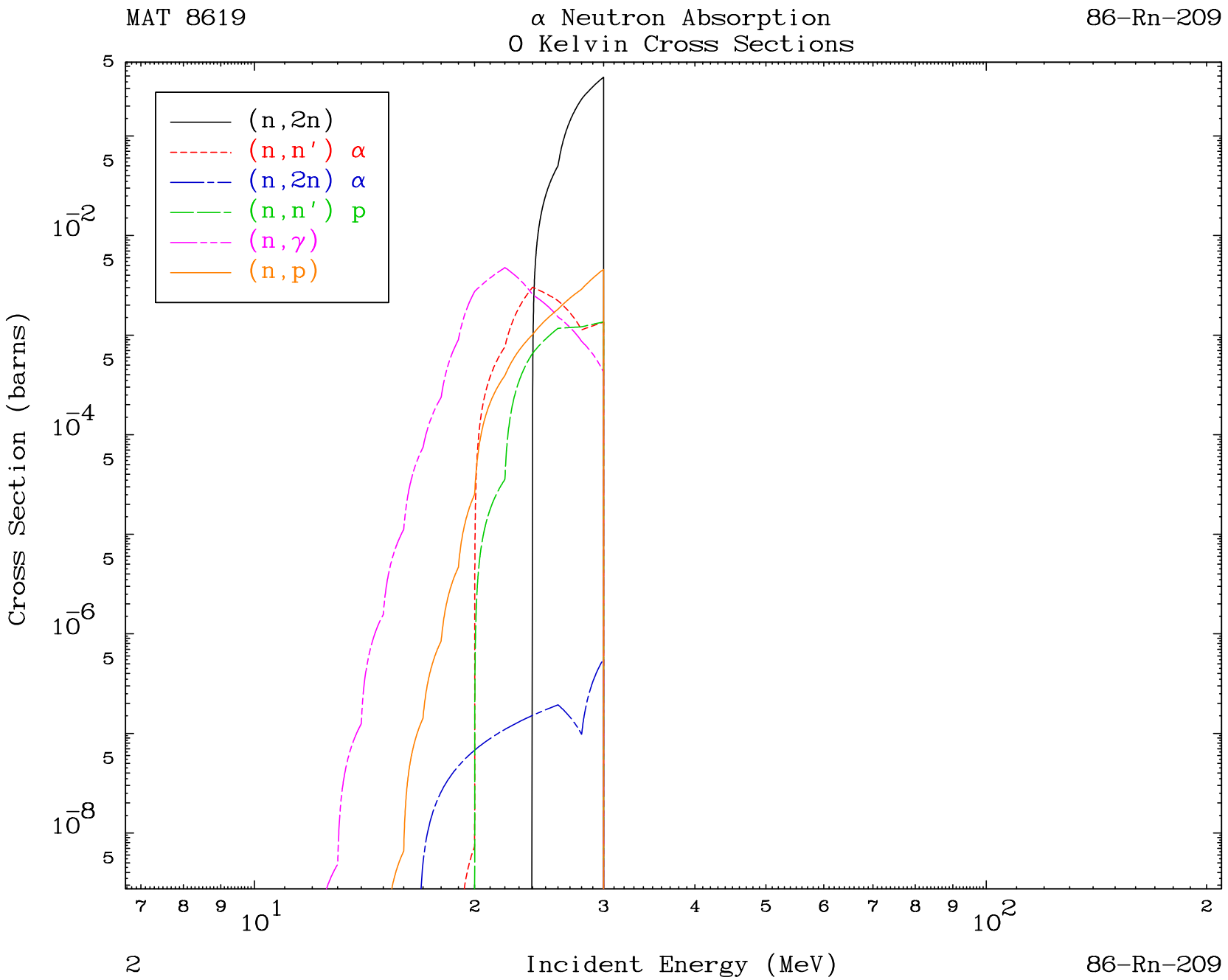
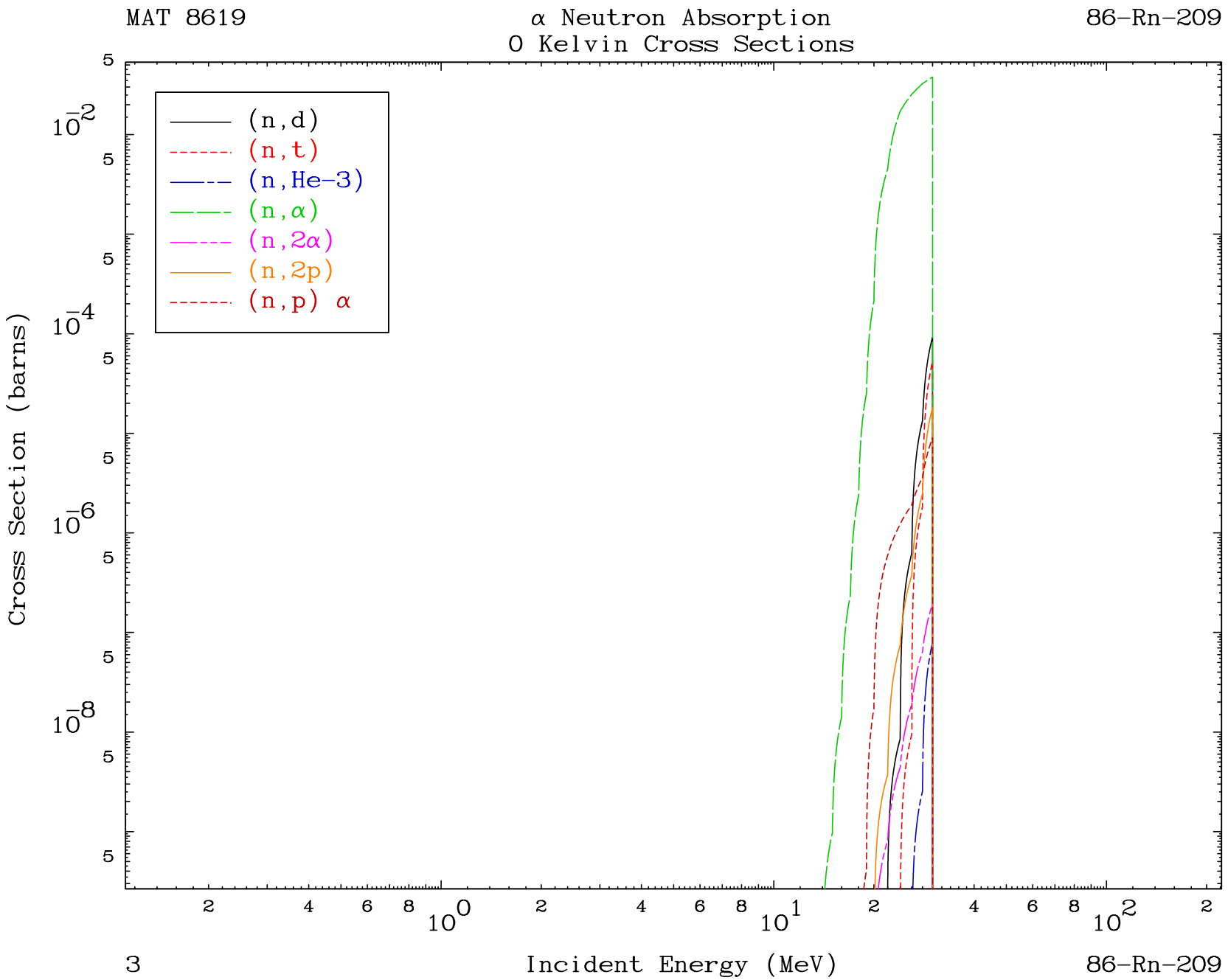
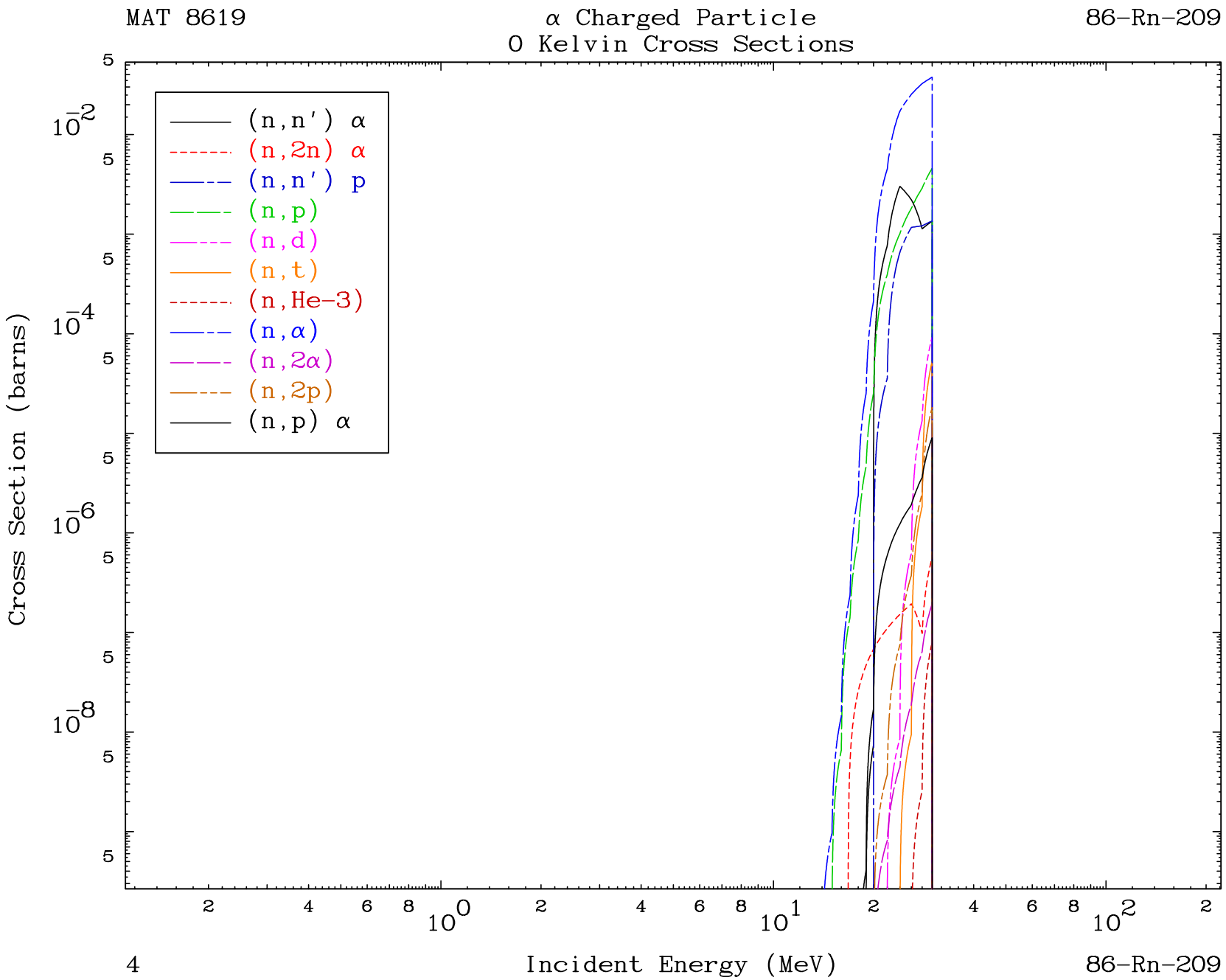
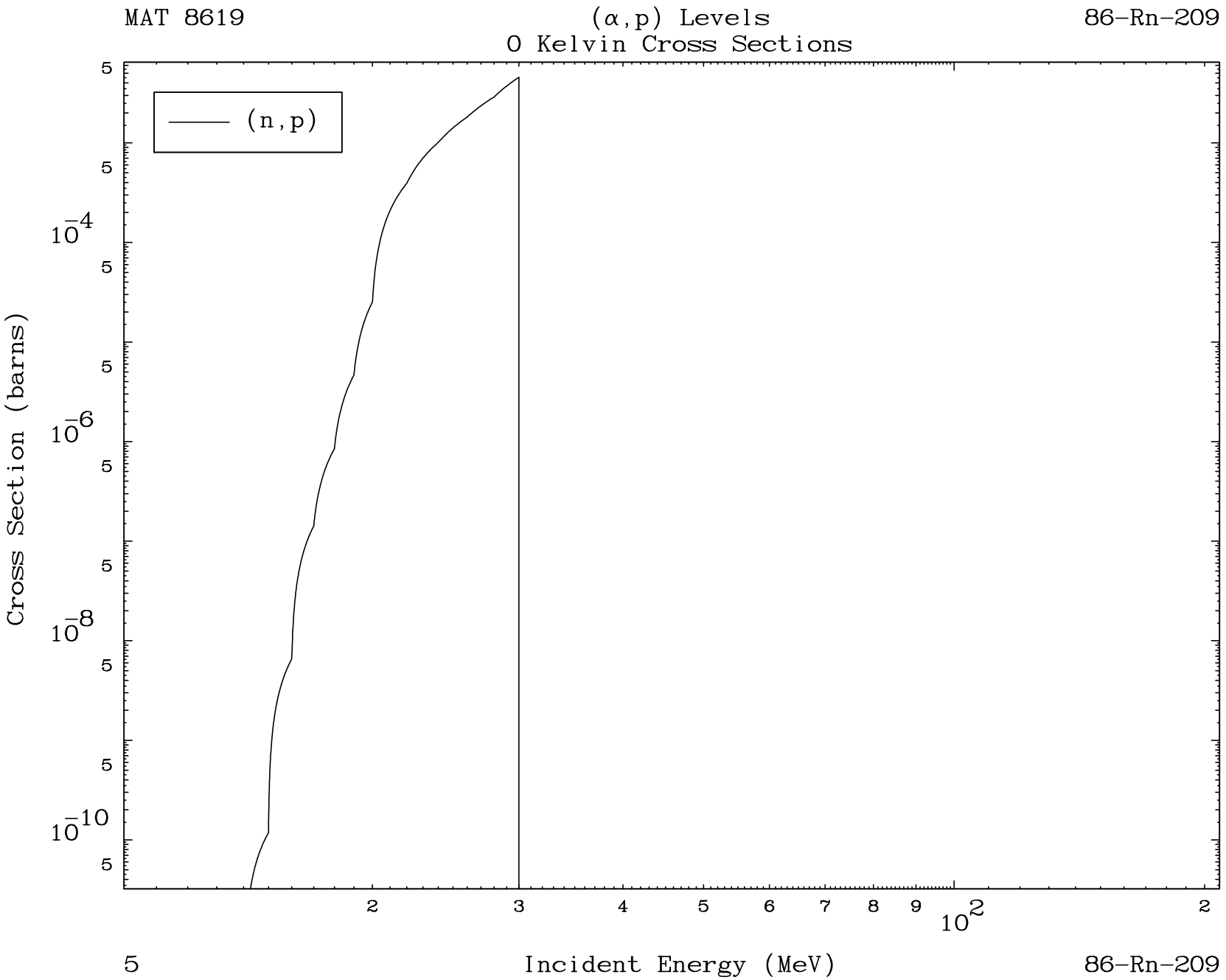
Press Mouse Button to Start

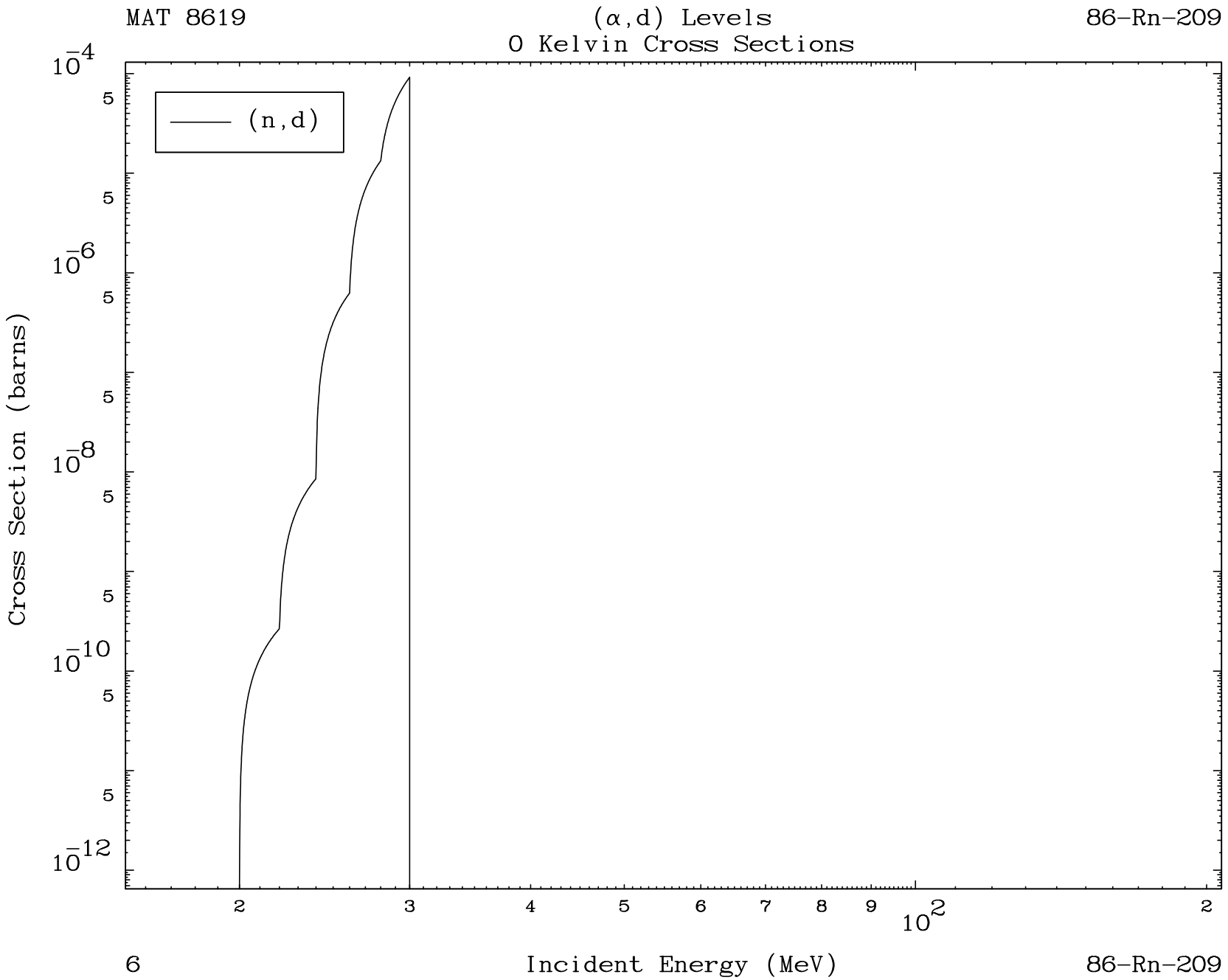

MAT 8619
α Major
86-Rn-209
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-209

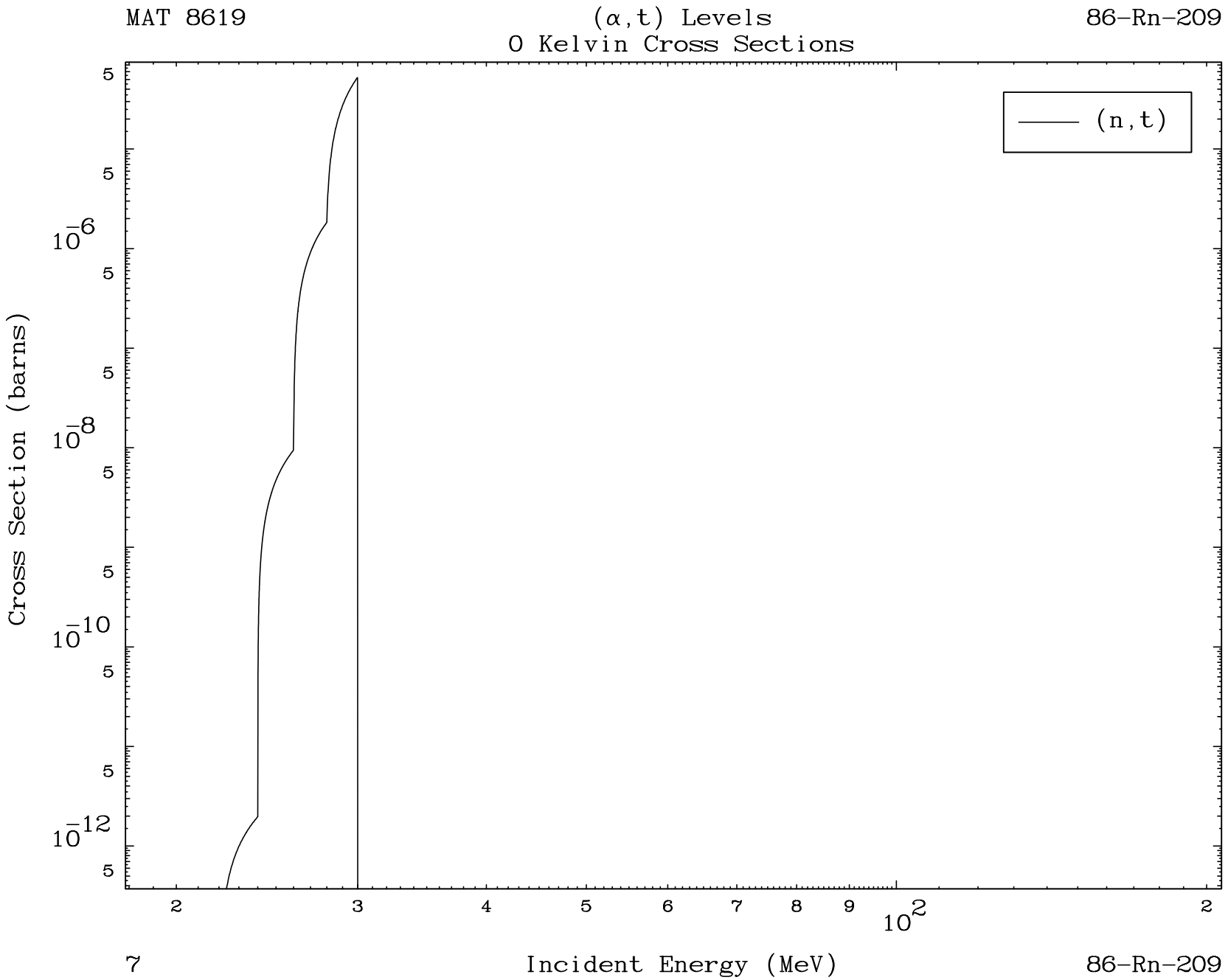

MAT 8619
α Neutron Absorption
0 Kelvin Cross Sections
86-Rn-209
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-209


MAT 8619
α Neutron Absorption
0 Kelvin Cross Sections
86-Rn-209
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-209

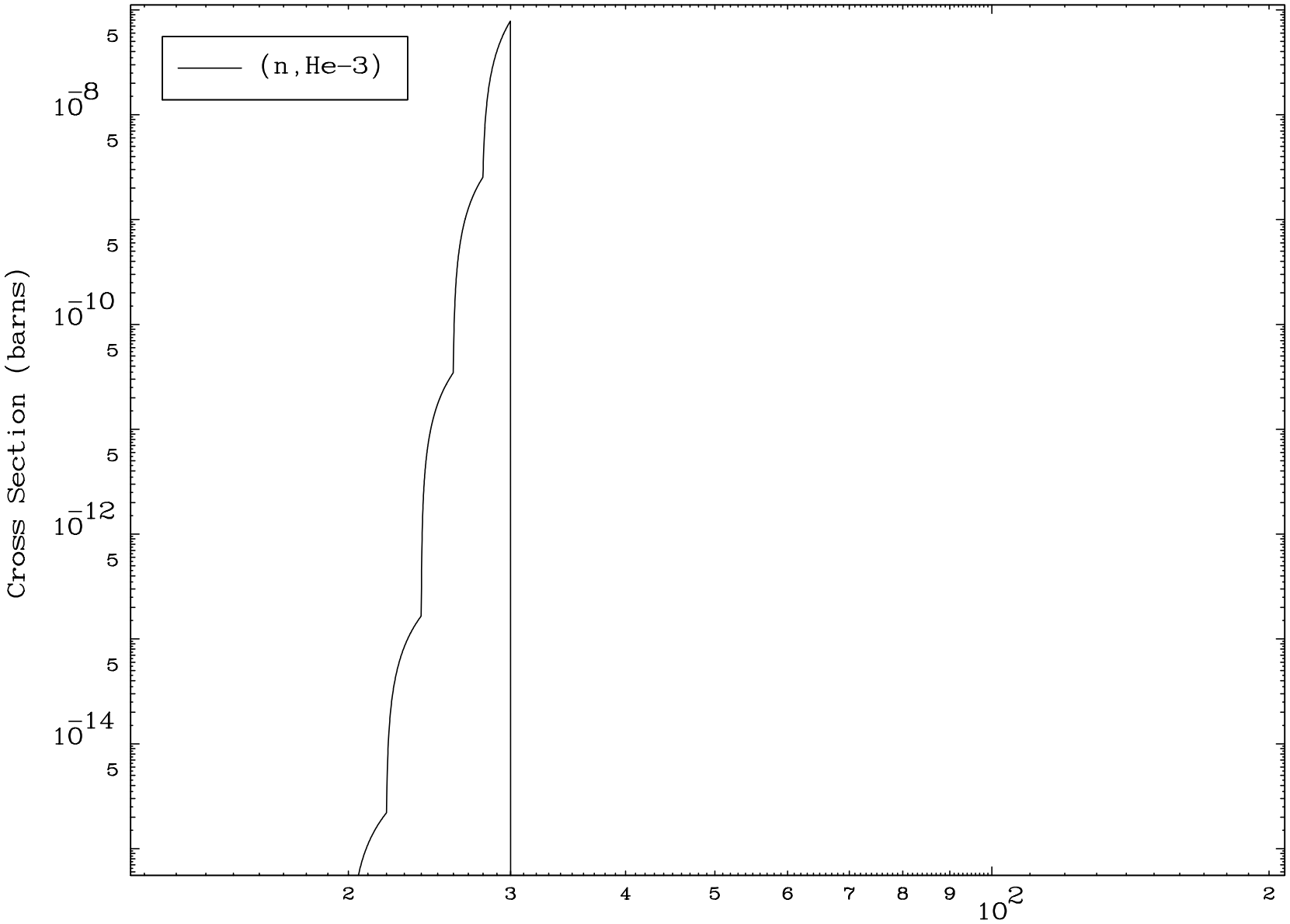

MAT 8619
α Charged Particle
0 Kelvin Cross Sections
86-Rn-209
(n,n') α
(n,2n) α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-209

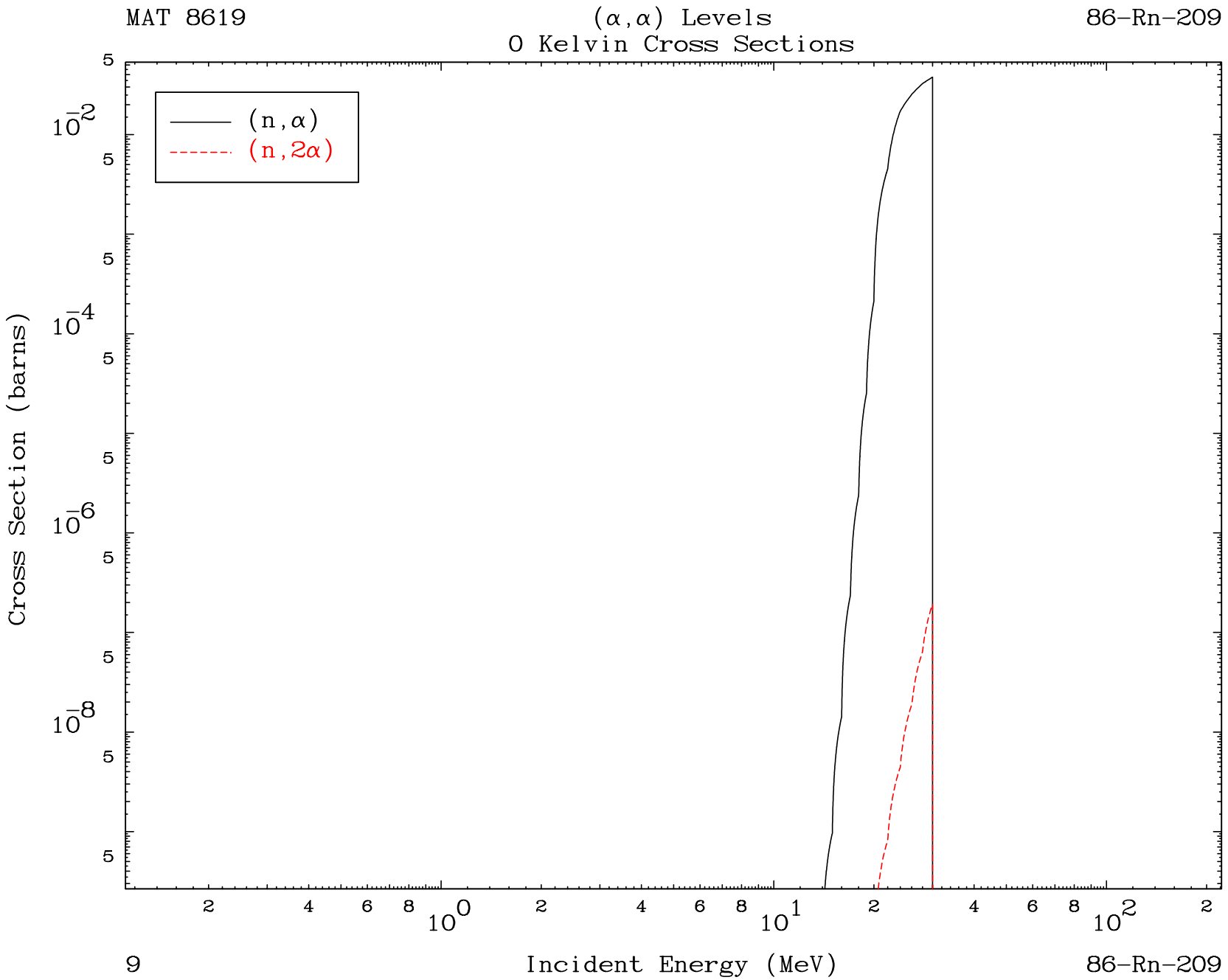

MAT 8619
(α,p) Levels
86-Rn-209
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
86-Rn-209

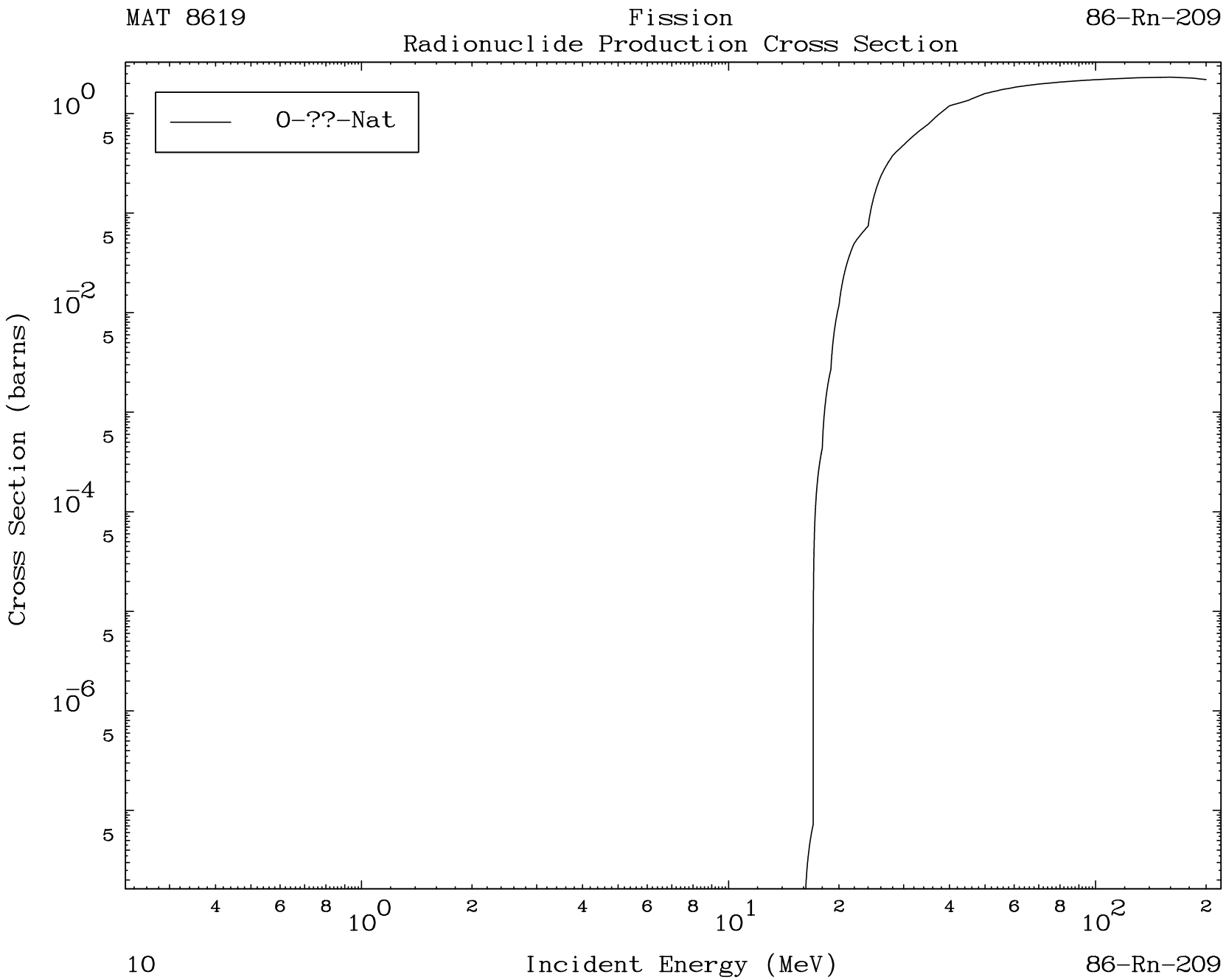

MAT 8619
(α,d) Levels
86-Rn-209
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
86-Rn-209


MAT 8619
(α,t) Levels
86-Rn-209
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
86-Rn-209

0 Kelvin Cross Sections




MAT 8619
(α,α) Levels
86-Rn-209
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
9
86-Rn-209


MAT 8619
Fission
86-Rn-209
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
86-Rn-209