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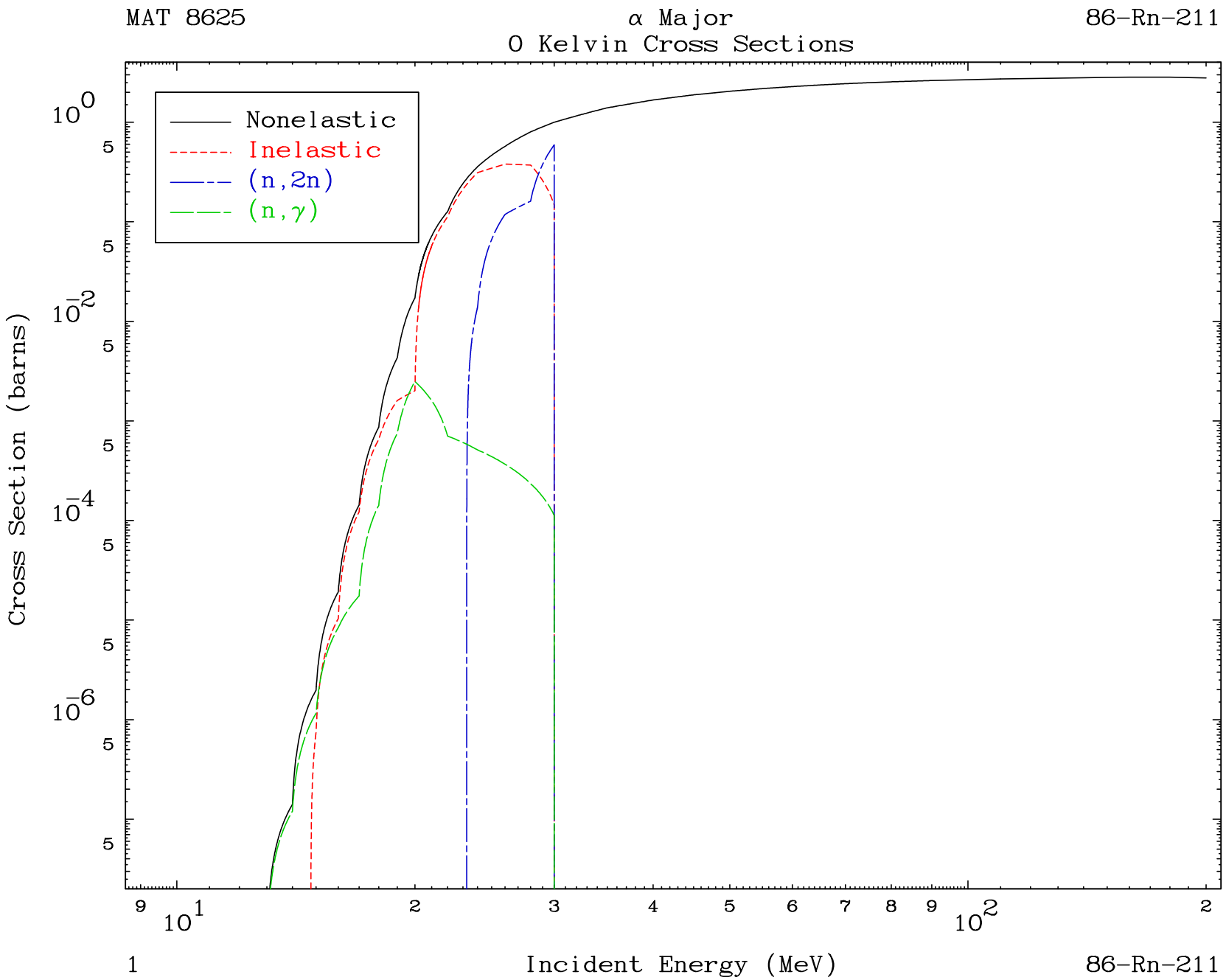
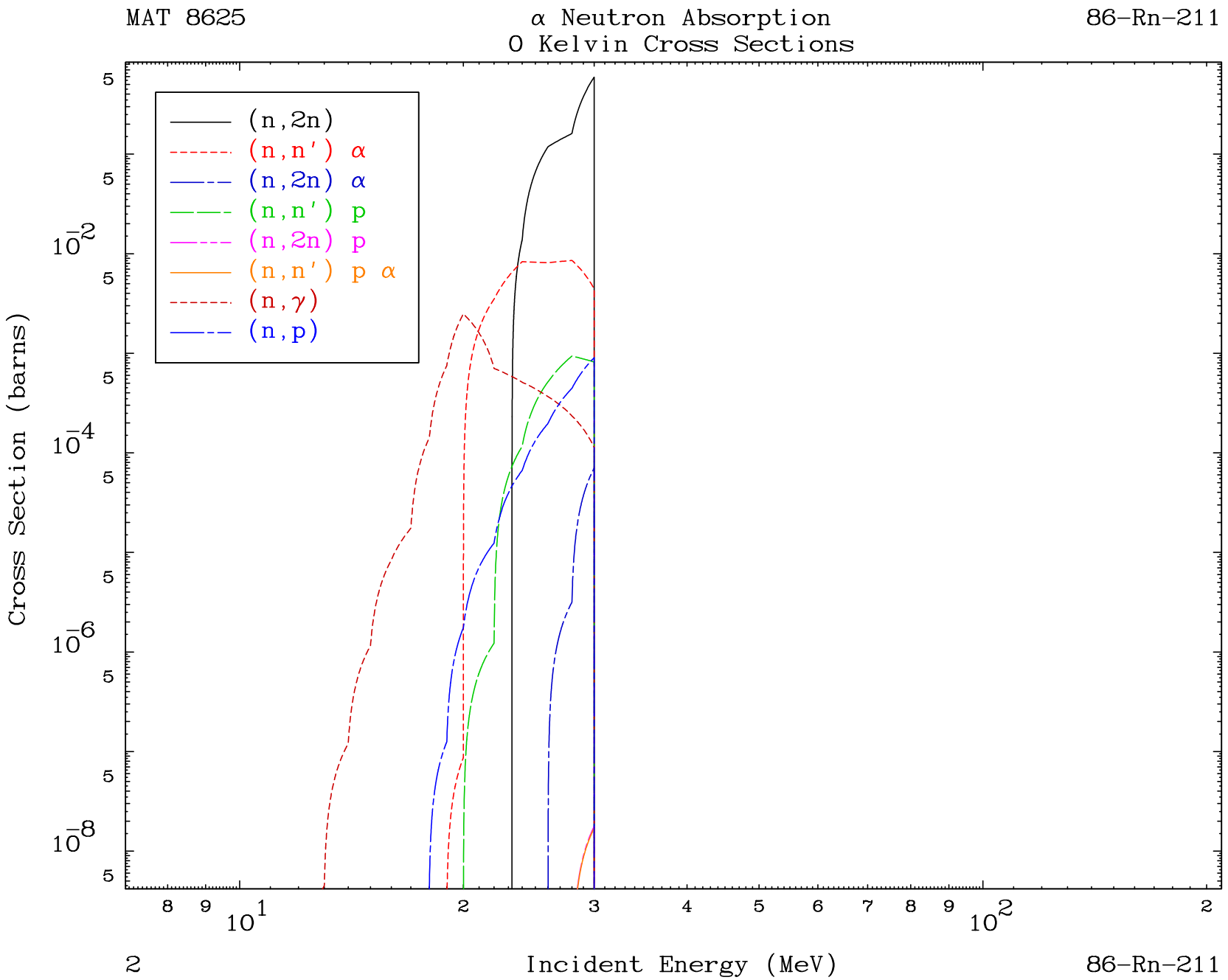
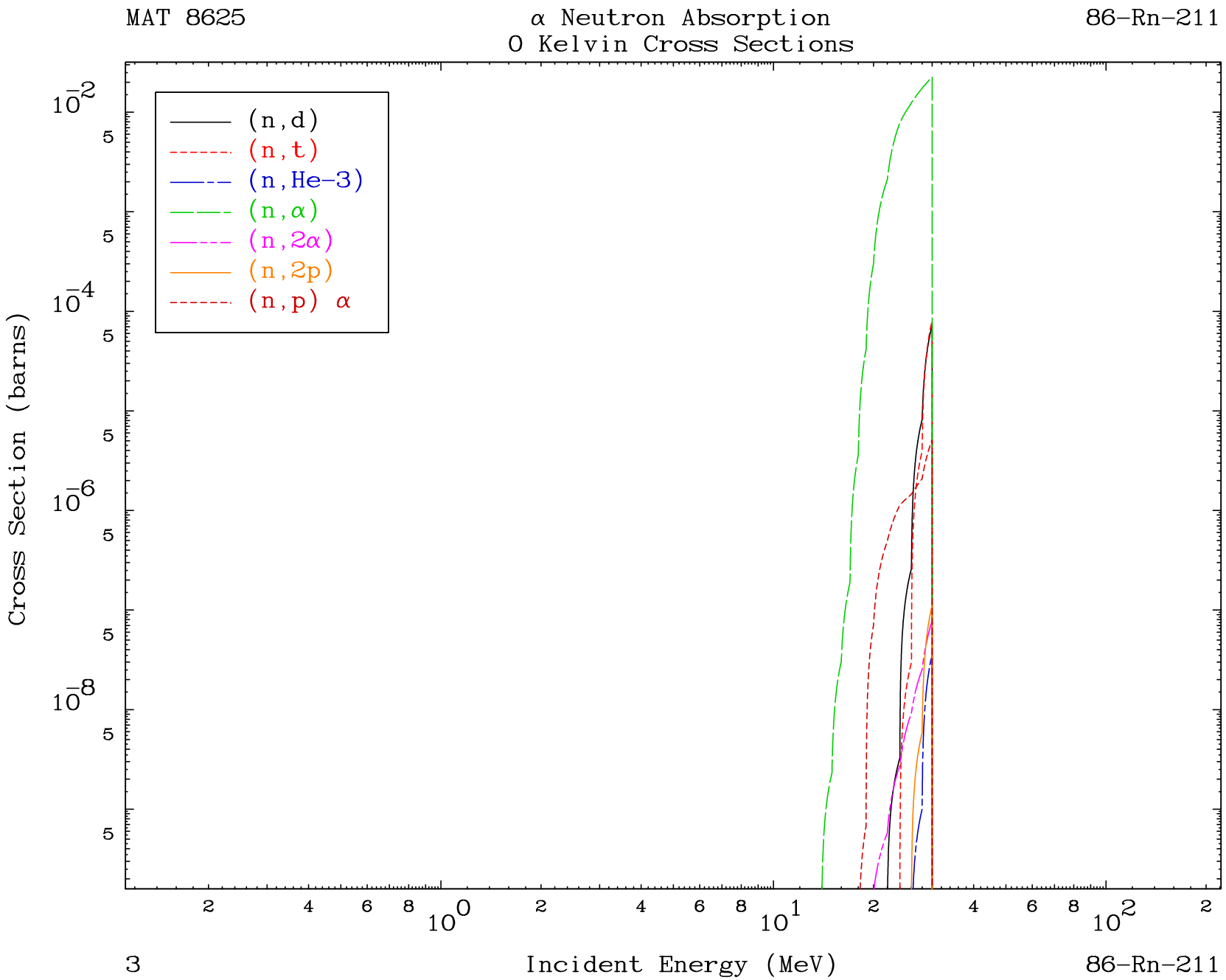
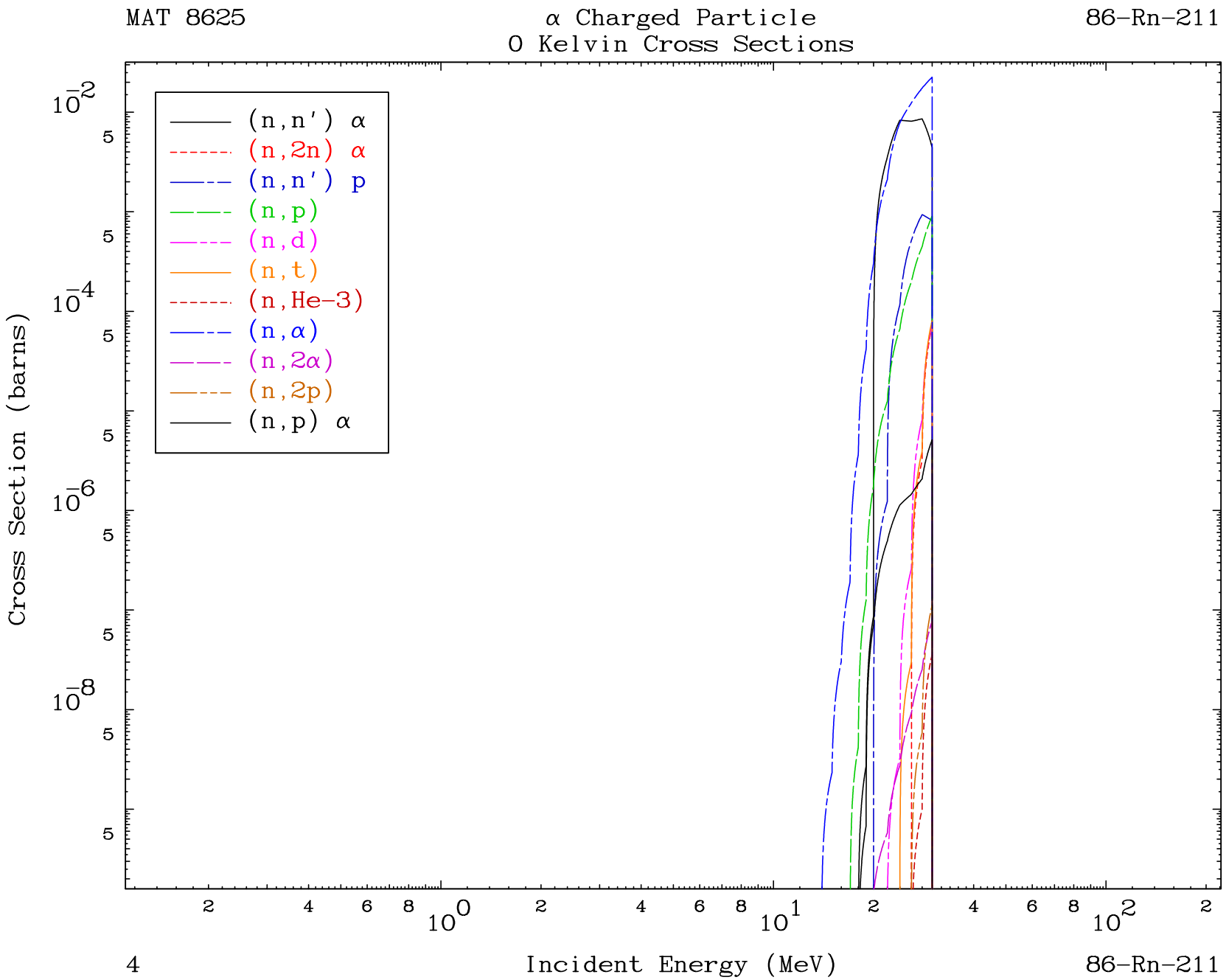
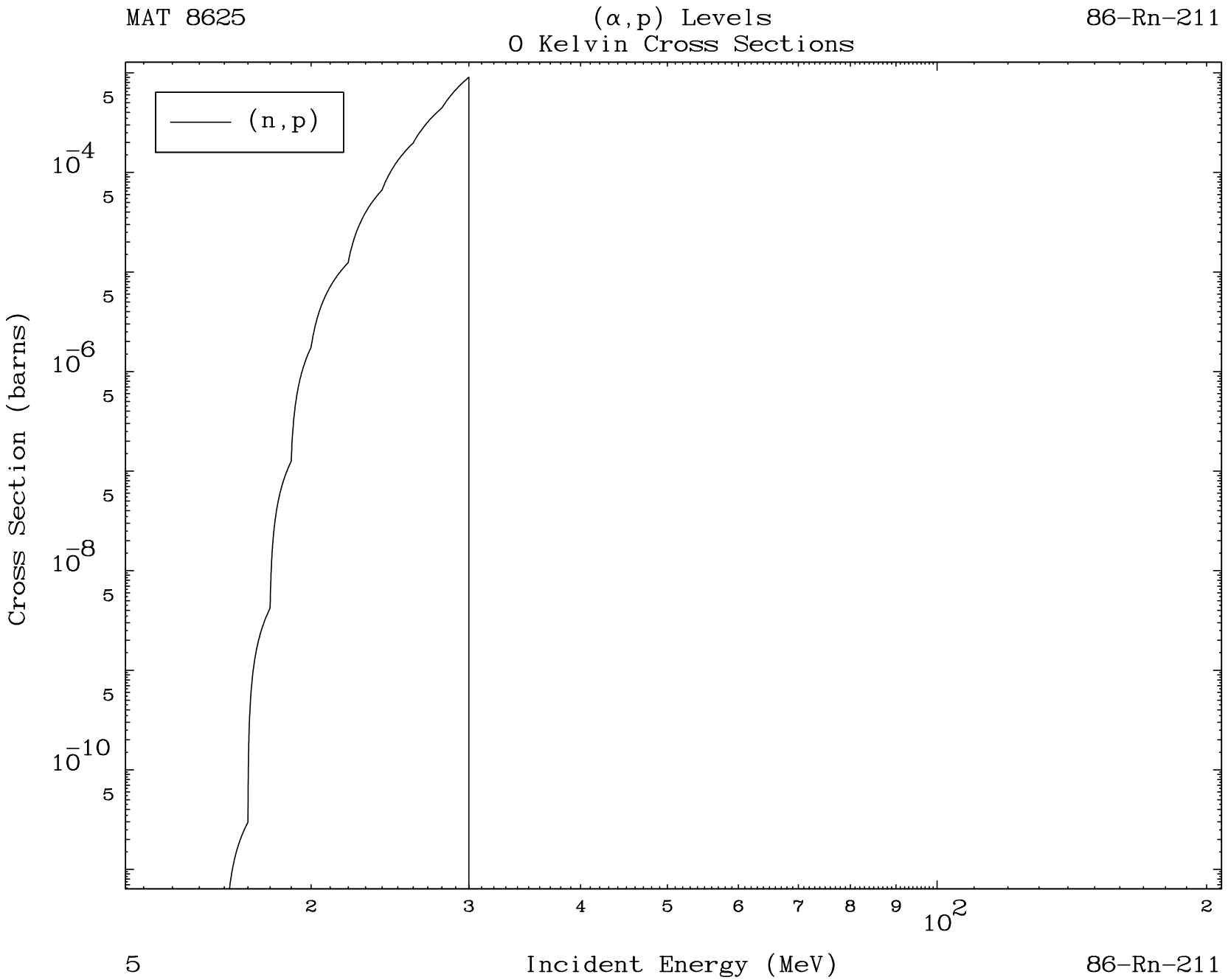
Press Mouse Button to Start

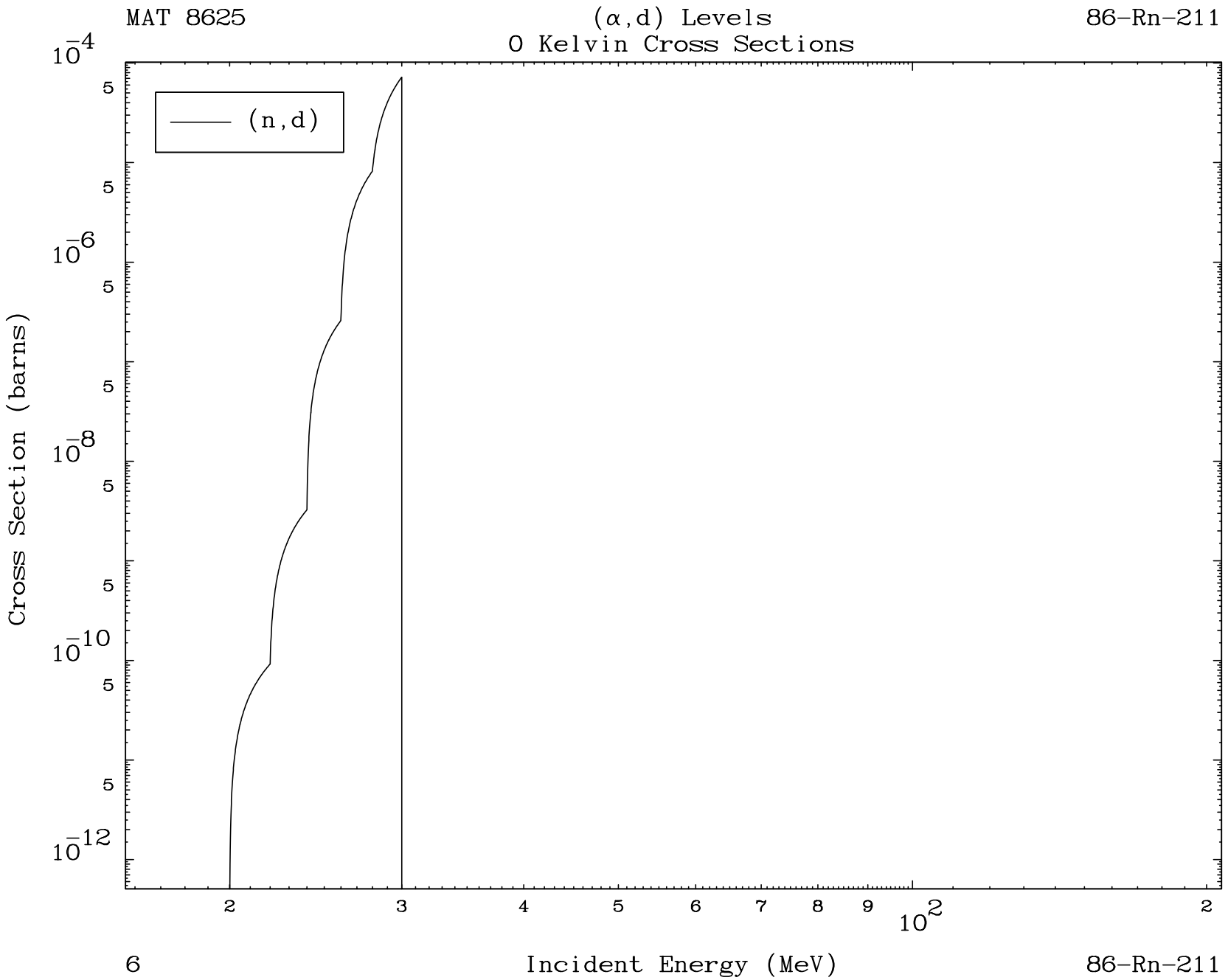

MAT 8625
α Major
86-Rn-211
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-211

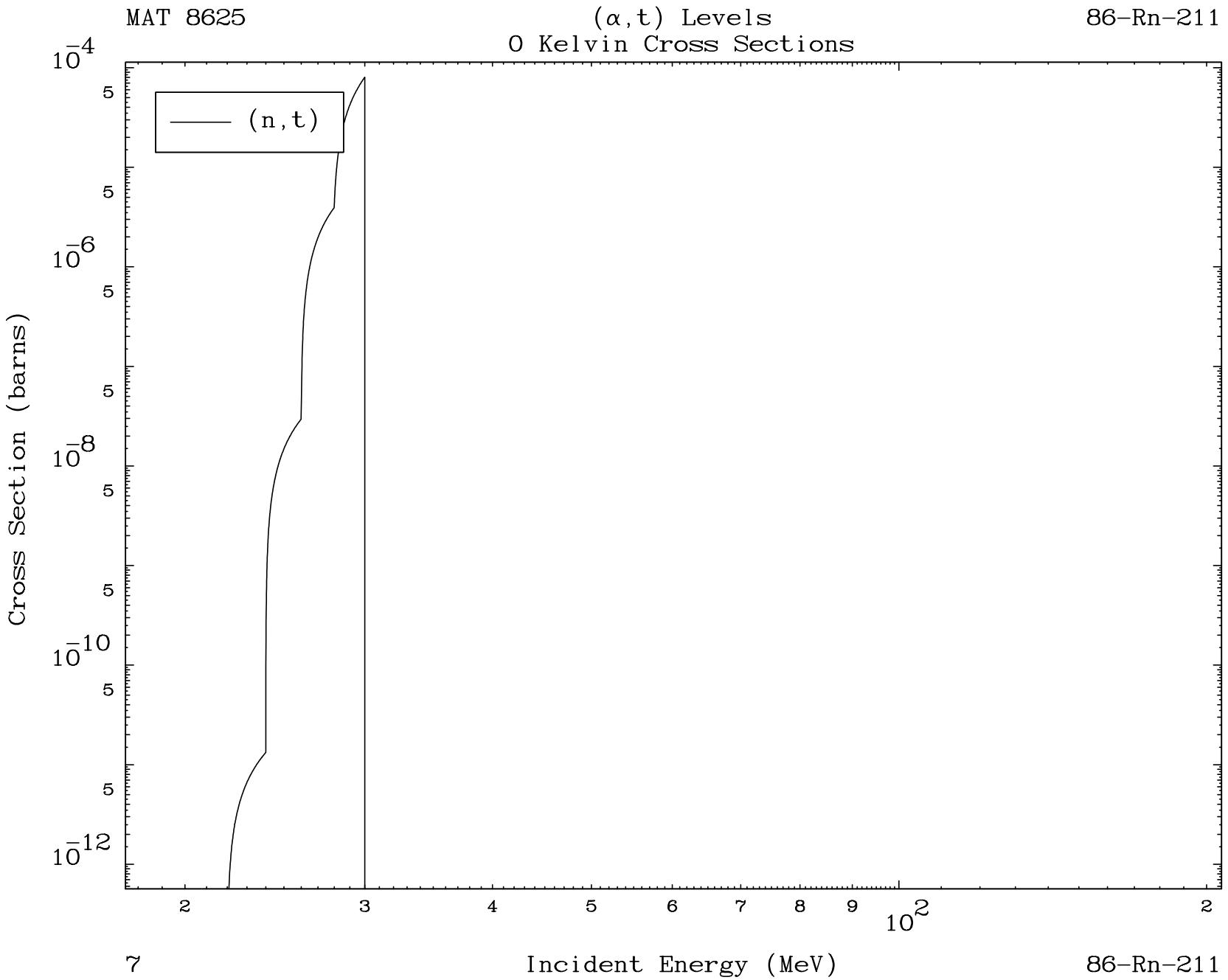

MAT 8625
α Neutron Absorption
0 Kelvin Cross Sections
86-Rn-211
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-211
2

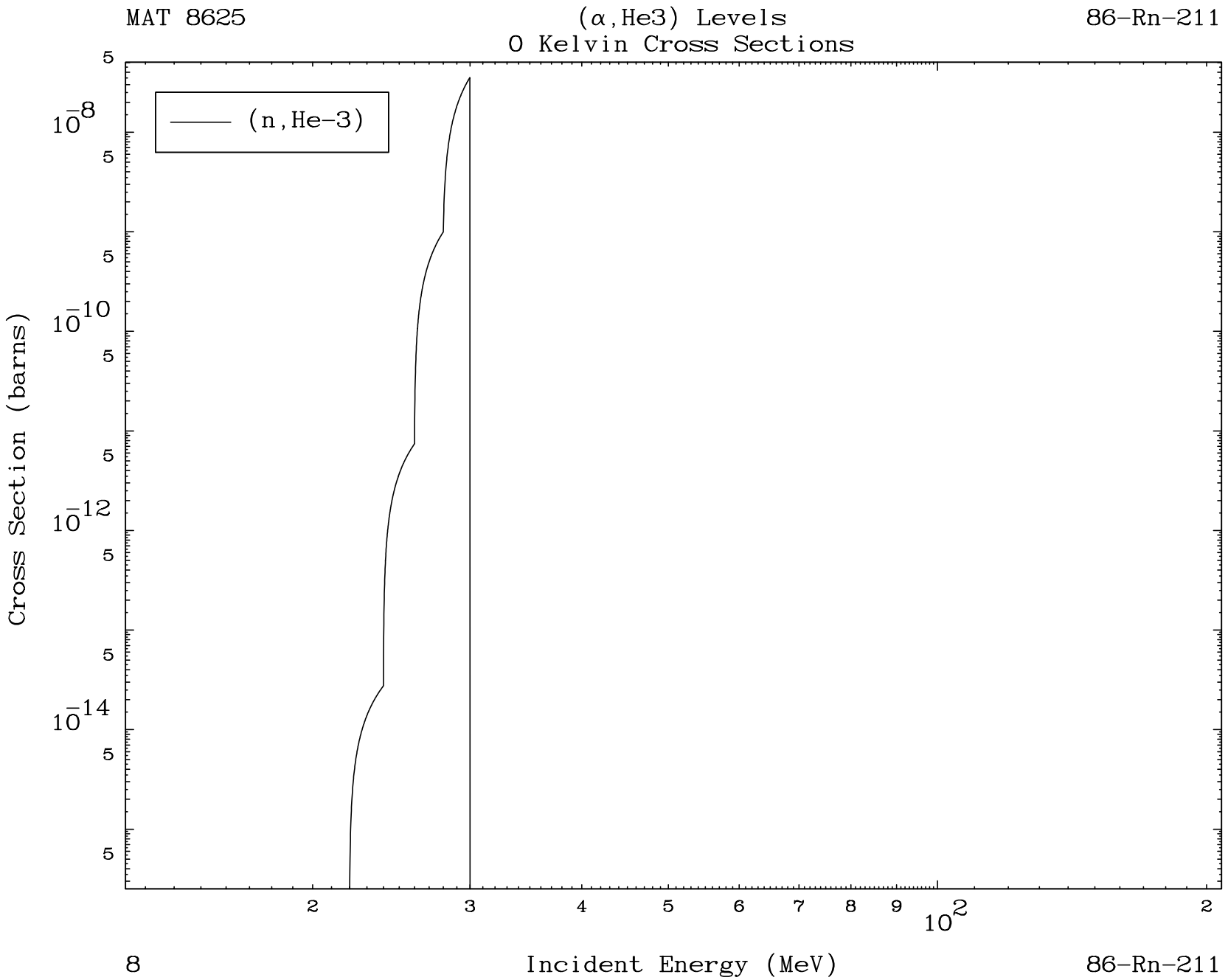

MAT 8625
α Neutron Absorption
0 Kelvin Cross Sections
86-Rn-211
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-211

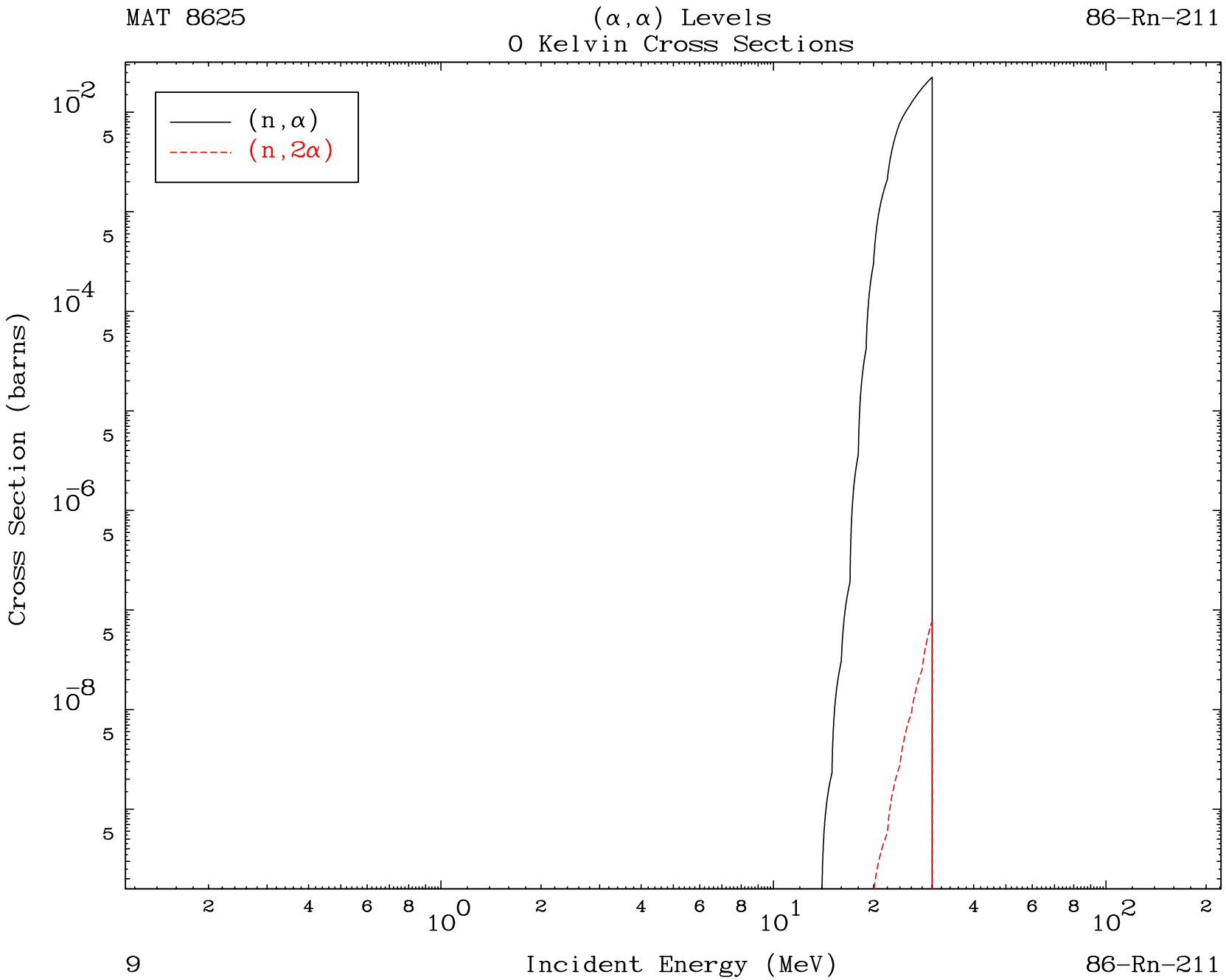

MAT 8625
α Charged Particle
0 Kelvin Cross Sections
86-Rn-211
(n,n') α
(n,2n) α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-211

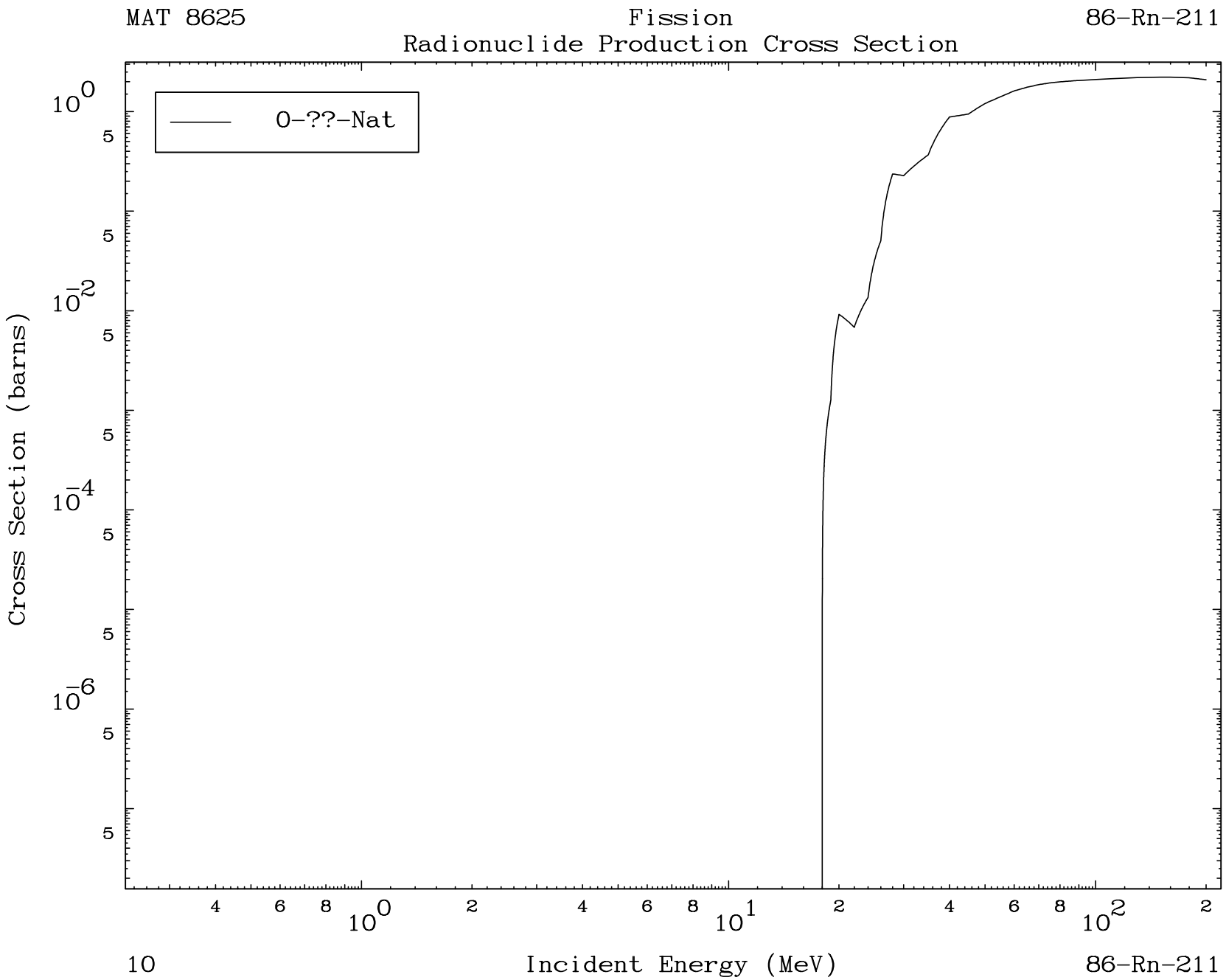

MAT 8625
(α,p) Levels
86-Rn-211
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
86-Rn-211

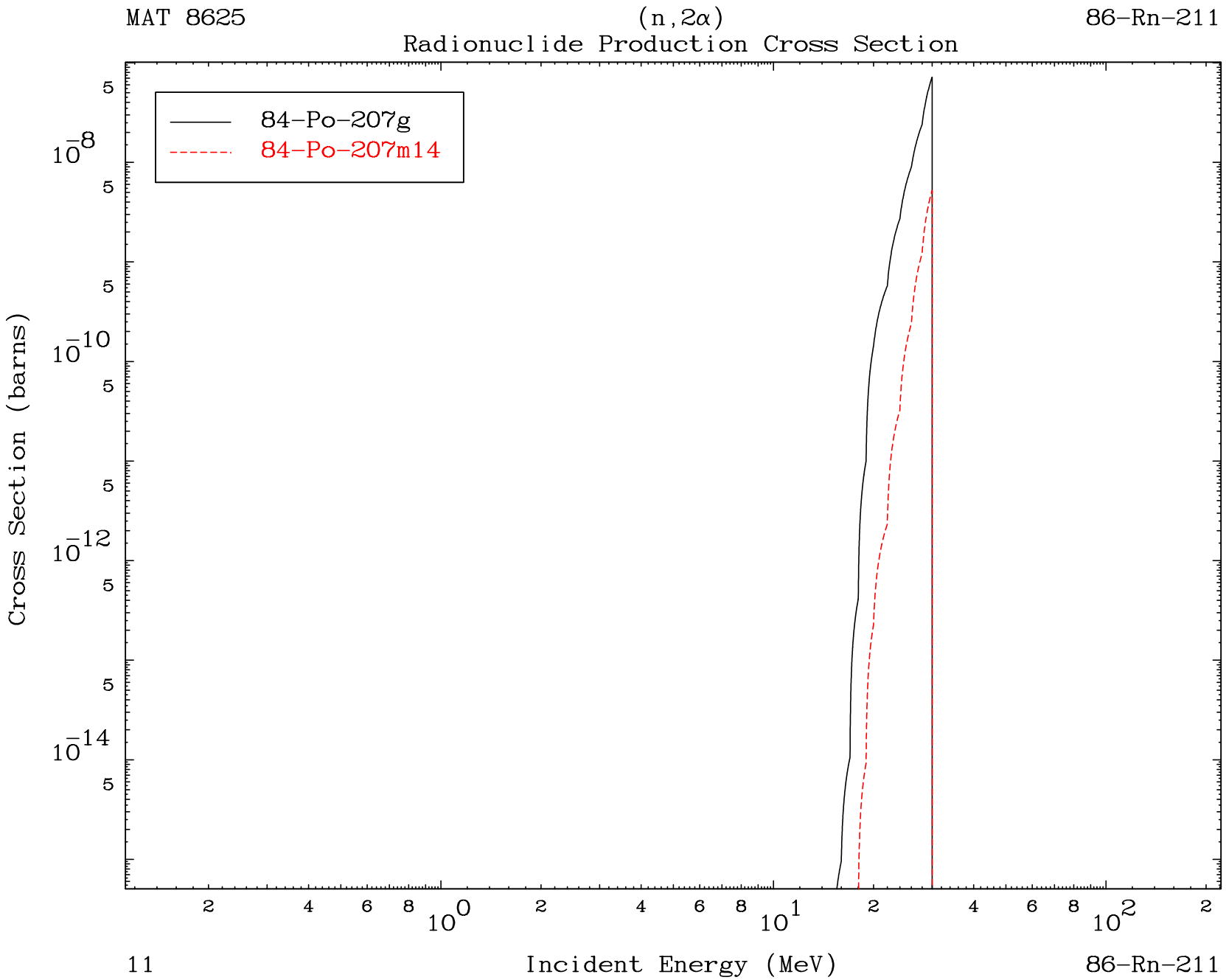

MAT 8625
(α,d) Levels
86-Rn-211
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
6
86-Rn-211


MAT 8625
(α,t) Levels
86-Rn-211
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)
7
86-Rn-211


MAT 8625
(α,He3) Levels
86-Rn-211
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
86-Rn-211


MAT 8625
(α,α) Levels
86-Rn-211
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
9
86-Rn-211


MAT 8625
Fission
86-Rn-211
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
86-Rn-211


MAT 8625
(n,2α)
86-Rn-211
Radionuclide Production Cross Section
84-Po-207g
84-Po-207m14
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
11
86-Rn-211