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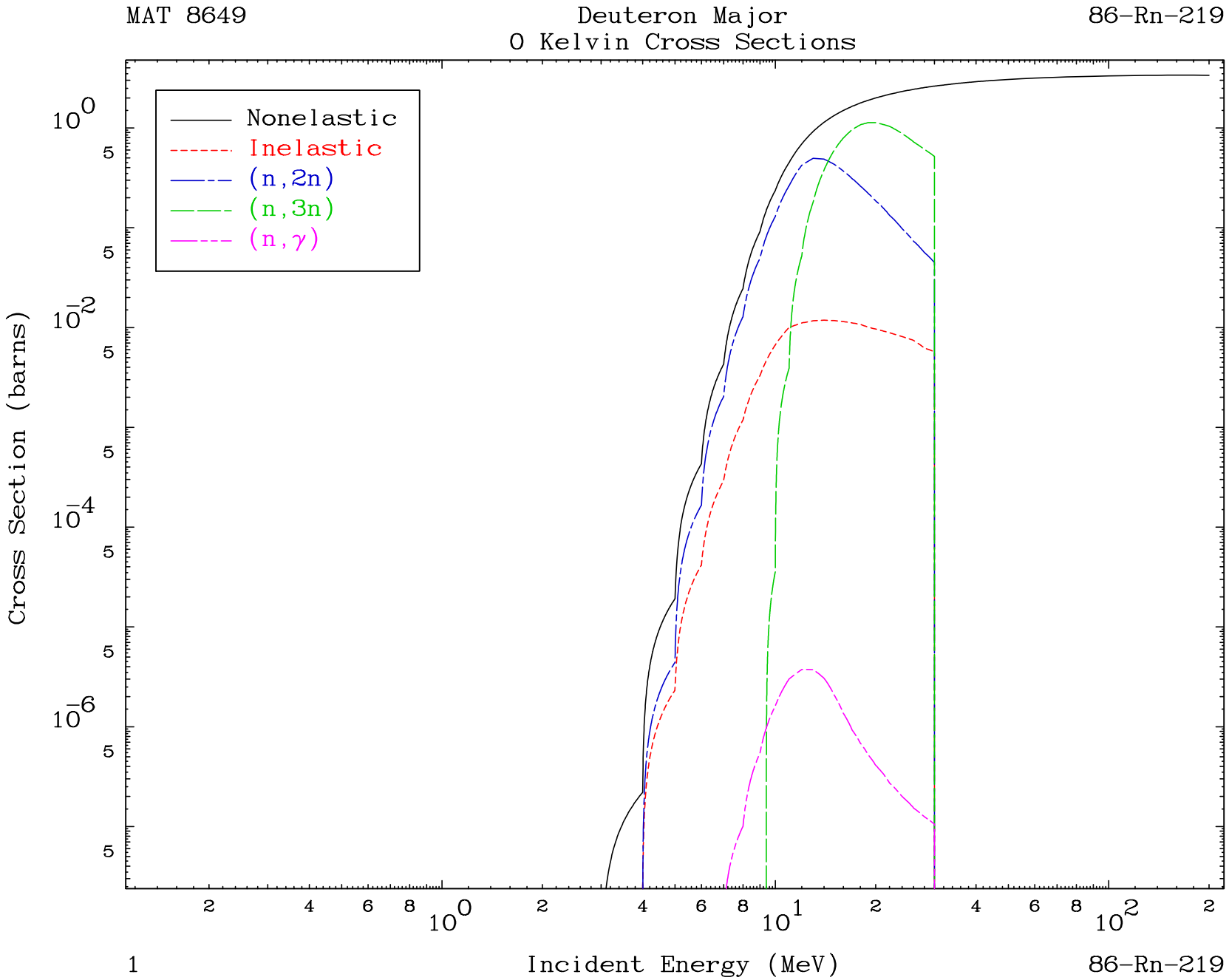
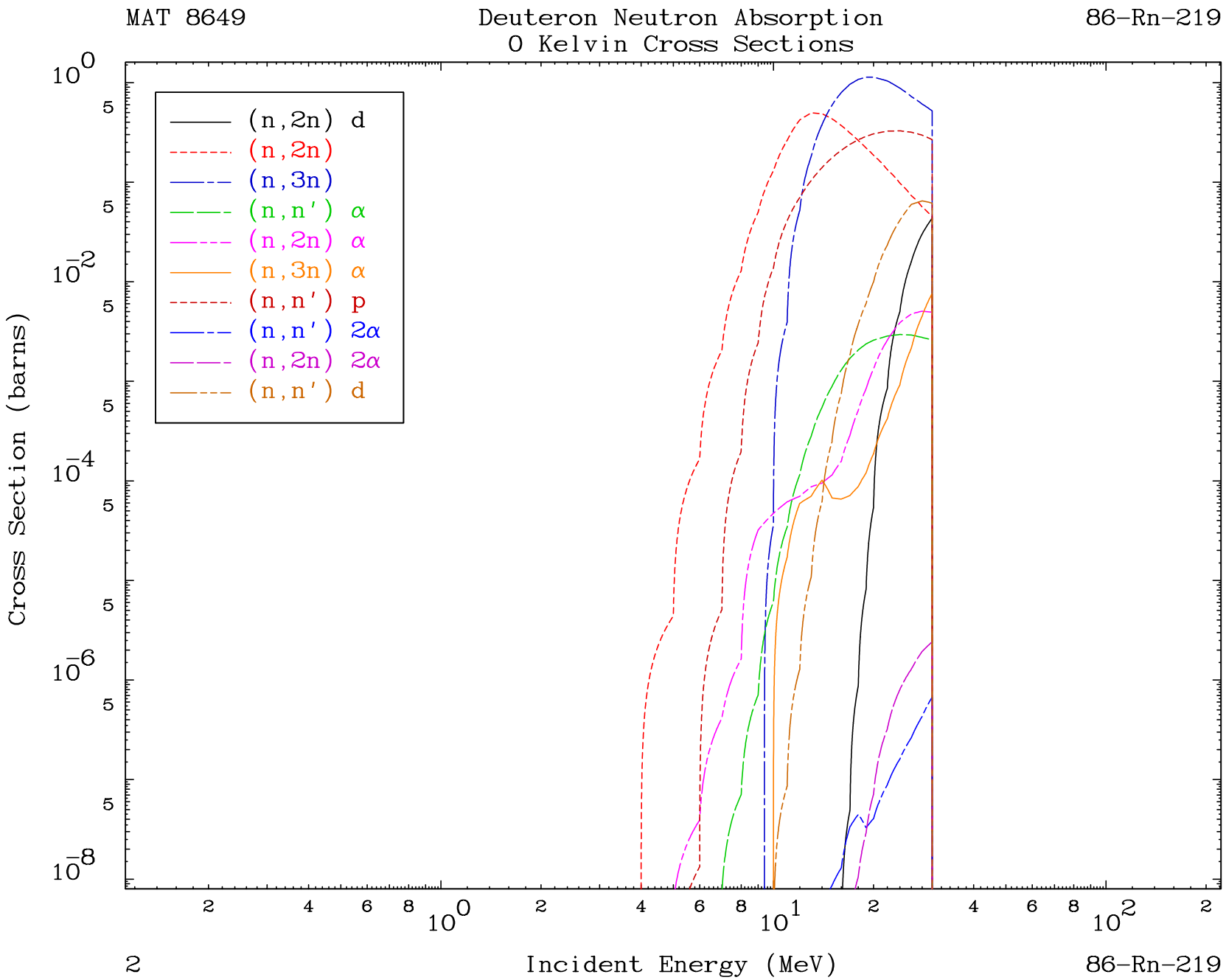
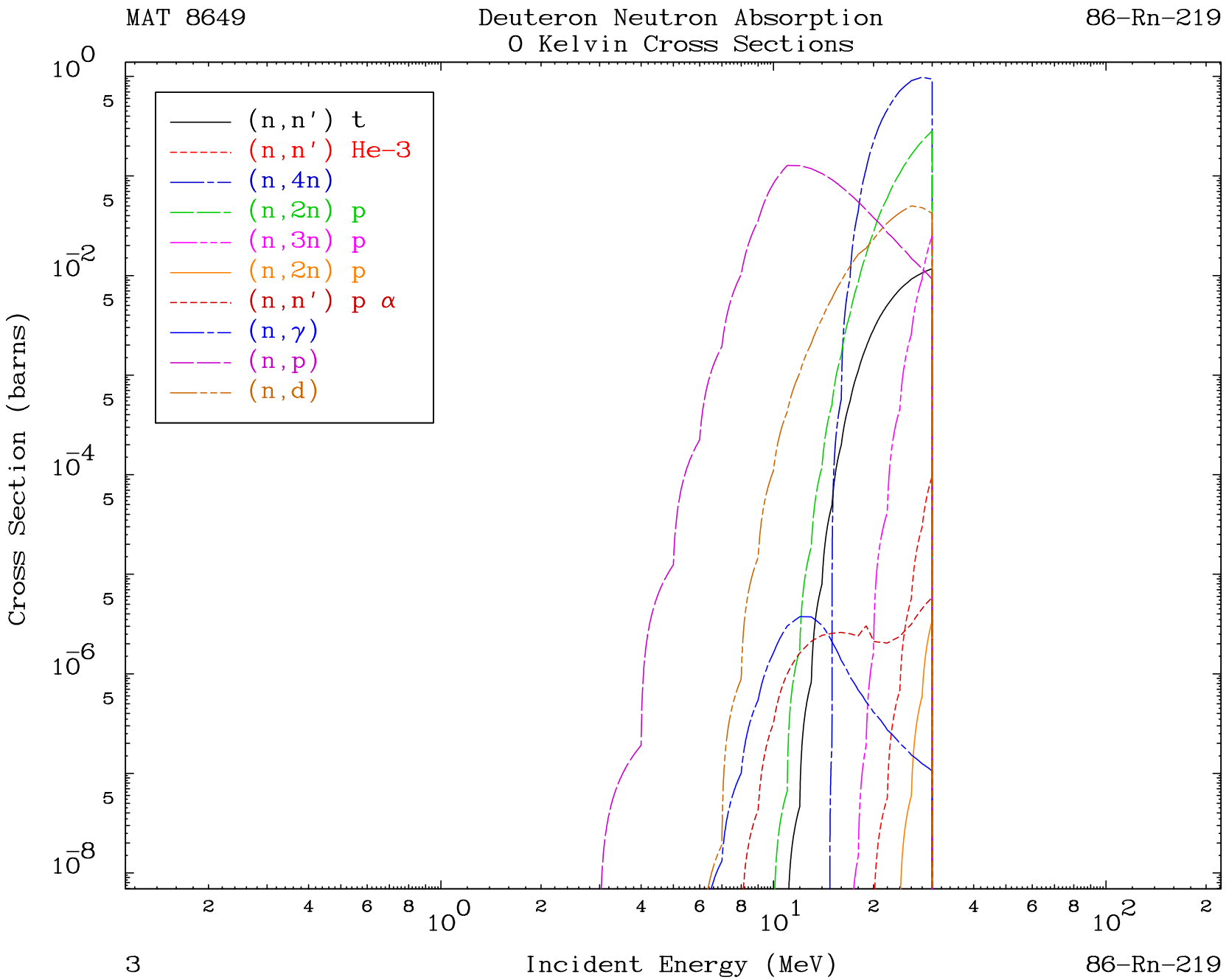
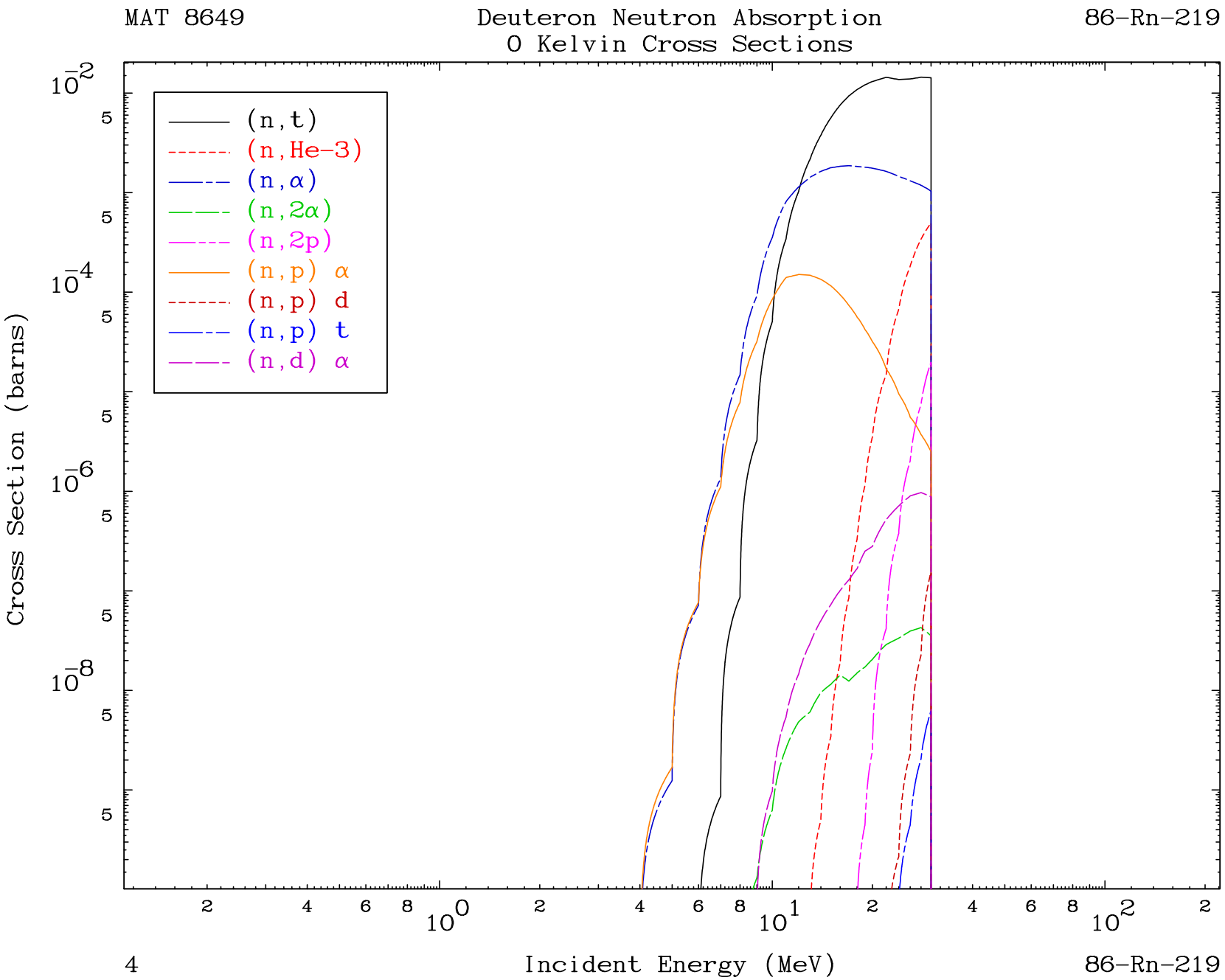
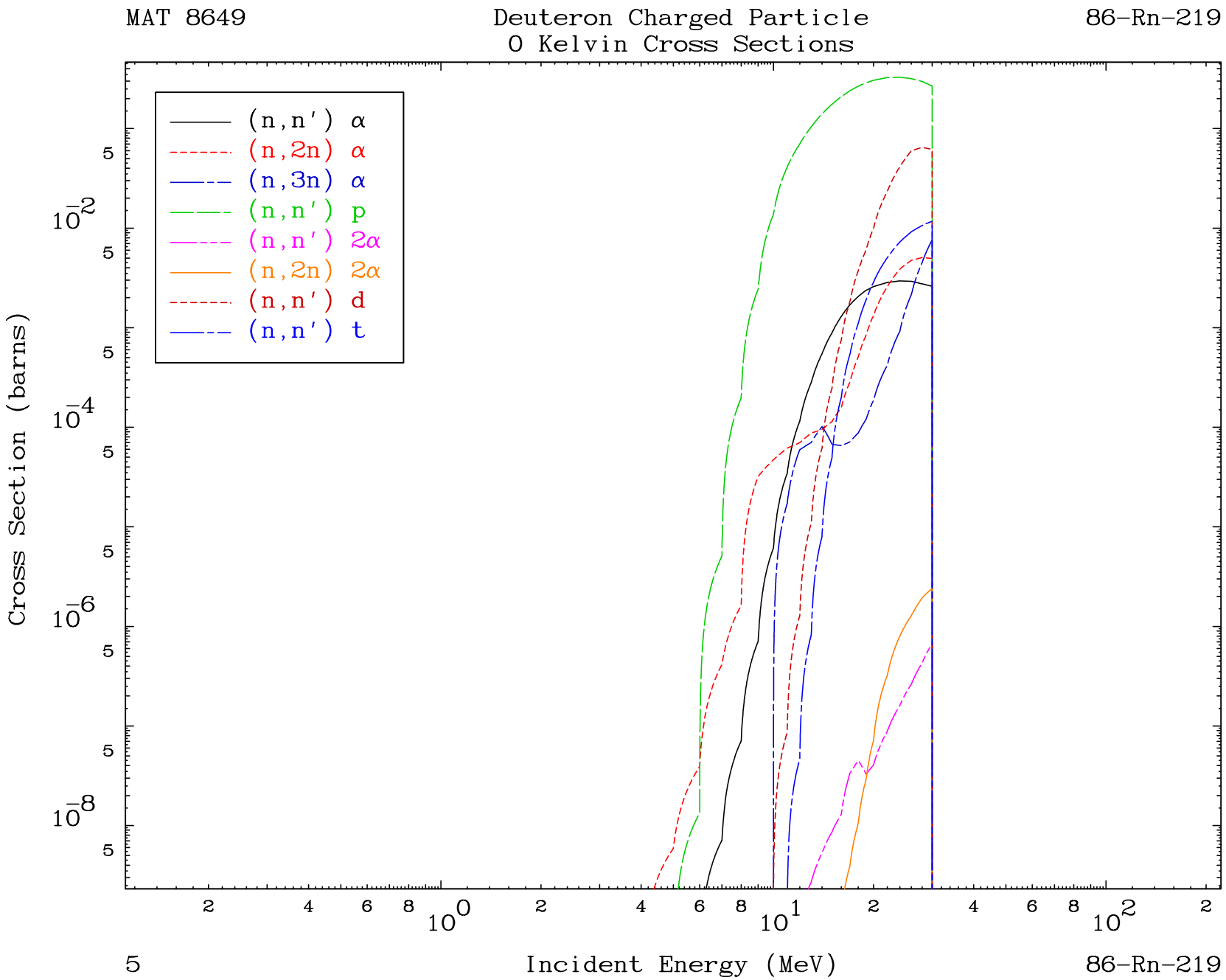
Press Mouse Button to Start

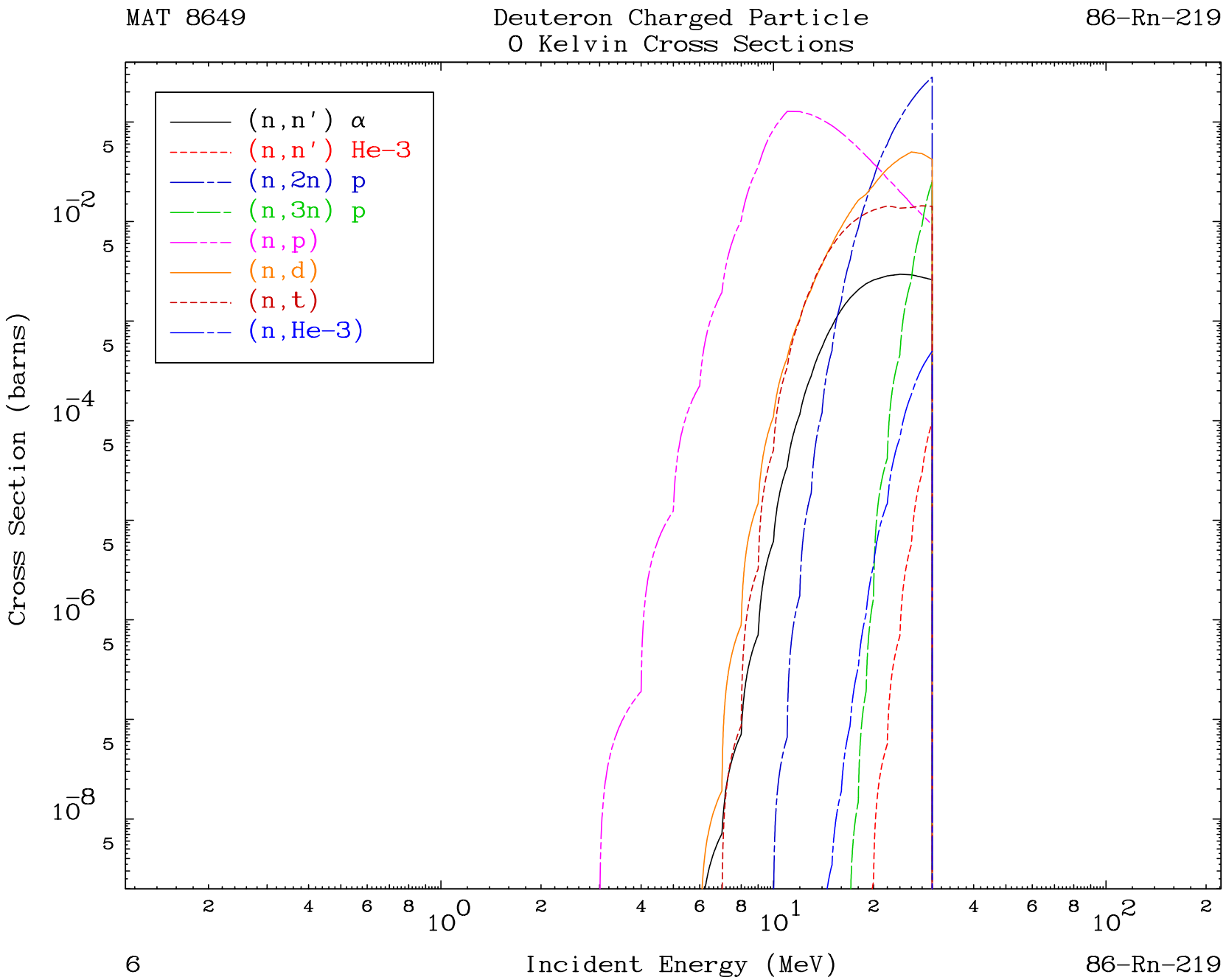

MAT 8649
Deuteron Major
0 Kelvin Cross Sections
86-Rn-219
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-219
1

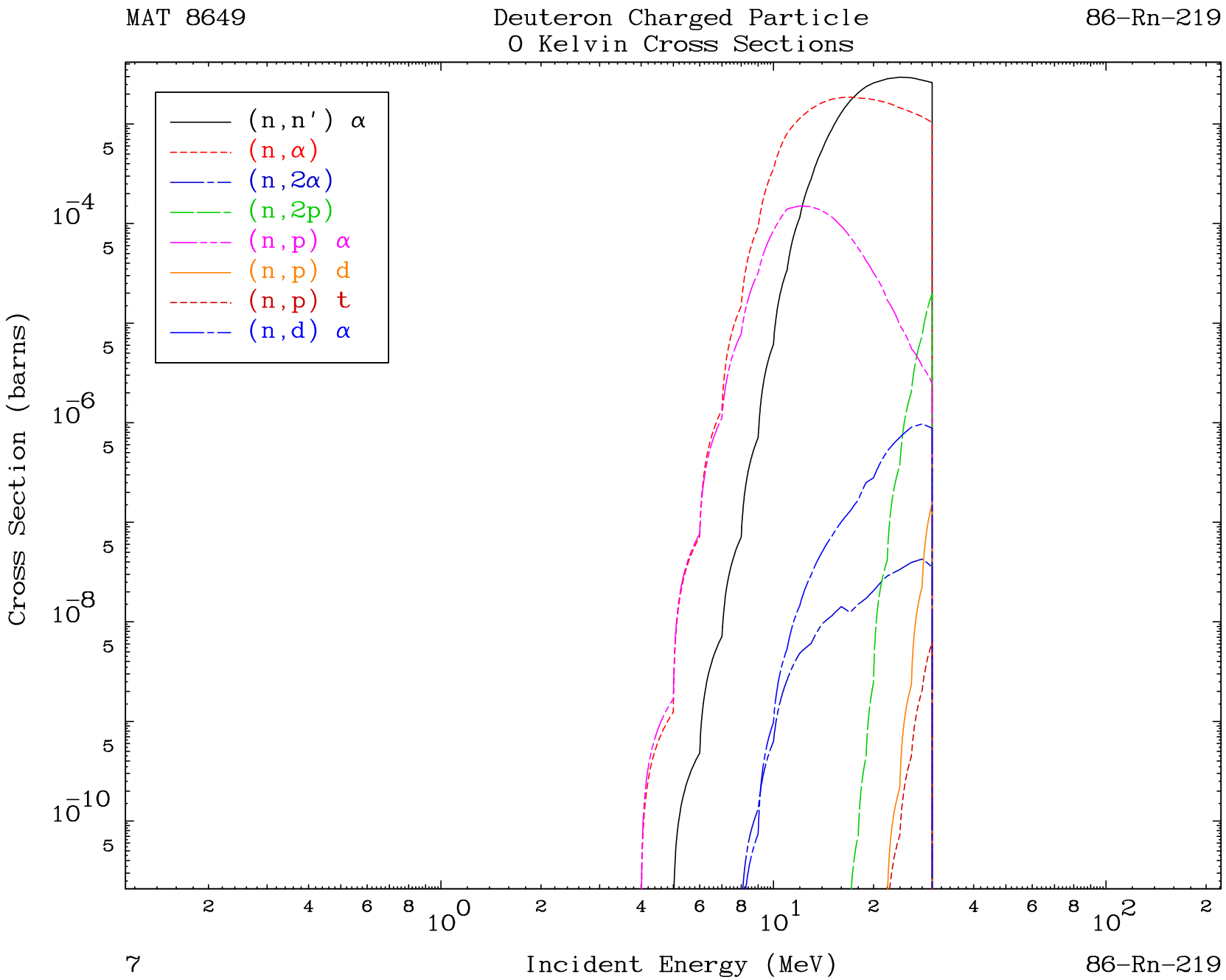

MAT 8649
Deuteron Neutron Absorption
0 Kelvin Cross Sections
86-Rn-219
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
86-Rn-219

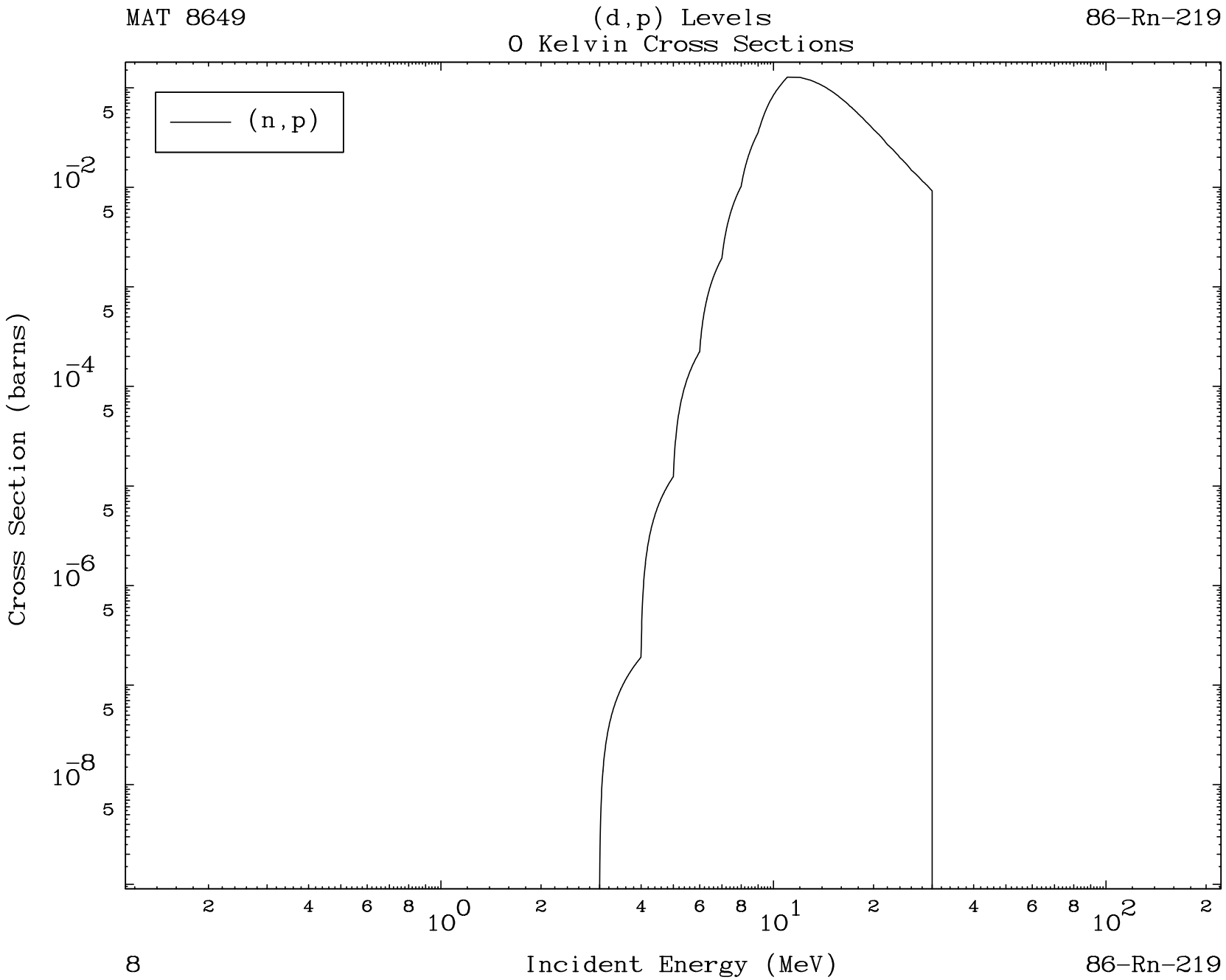

MAT 8649
Deuteron Neutron Absorption
0 Kelvin Cross Sections
86-Rn-219
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-219

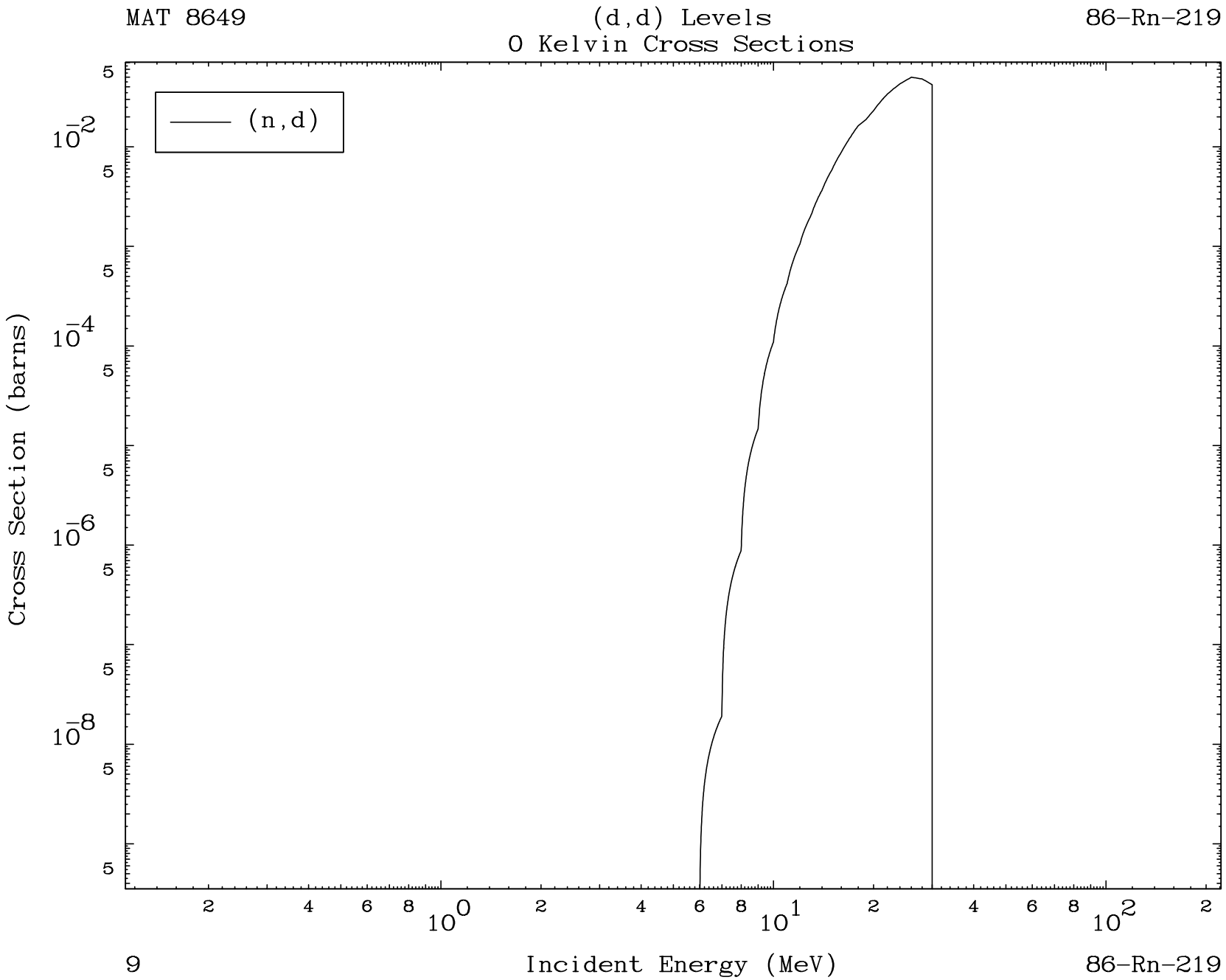

MAT 8649
Deuteron Neutron Absorption
0 Kelvin Cross Sections
86-Rn-219
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-219

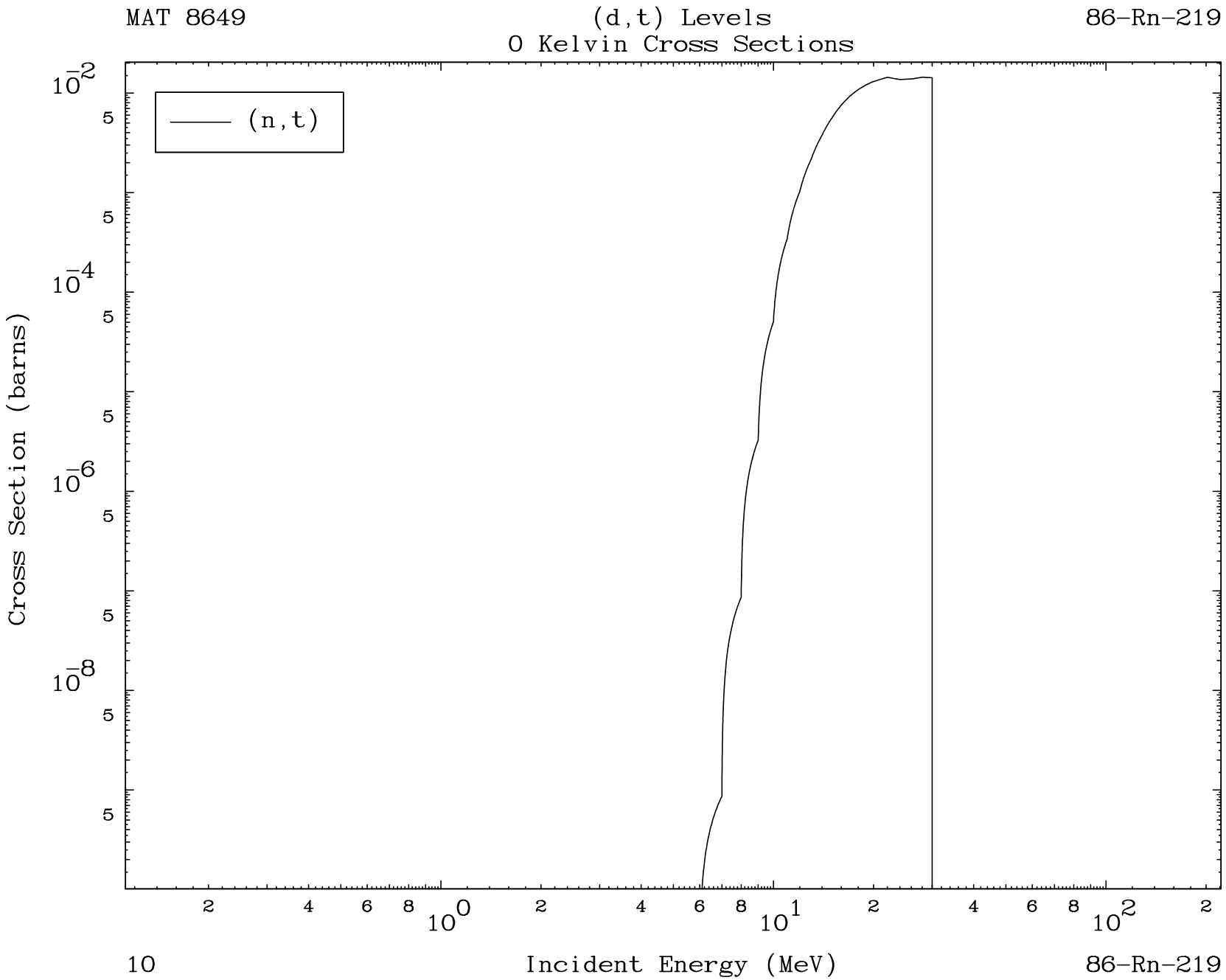

MAT 8649
Deuteron Charged Particle
0 Kelvin Cross Sections
86-Rn-219
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
5
86-Rn-219

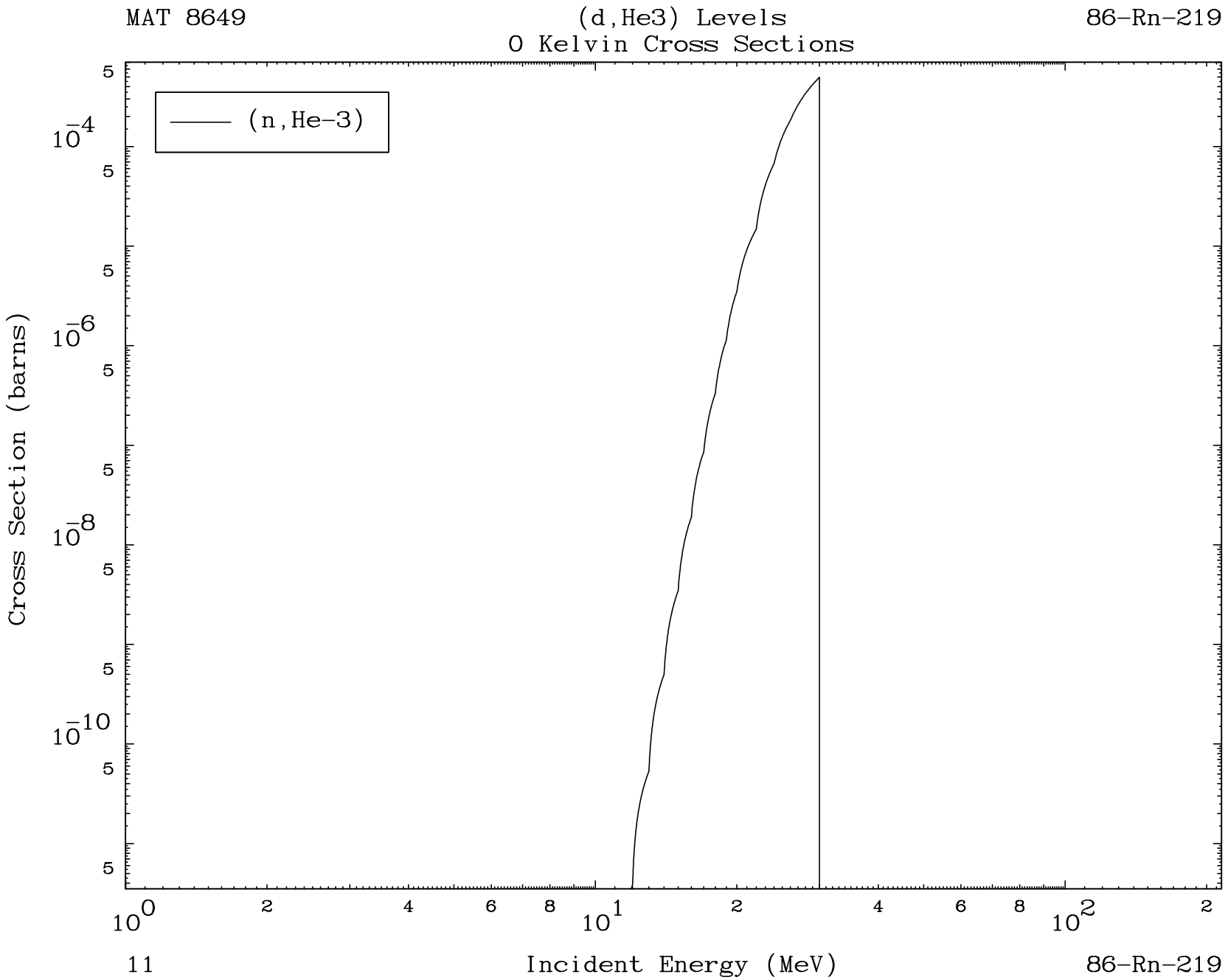

MAT 8649
Deuteron Charged Particle
0 Kelvin Cross Sections
86-Rn-219
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
86-Rn-219

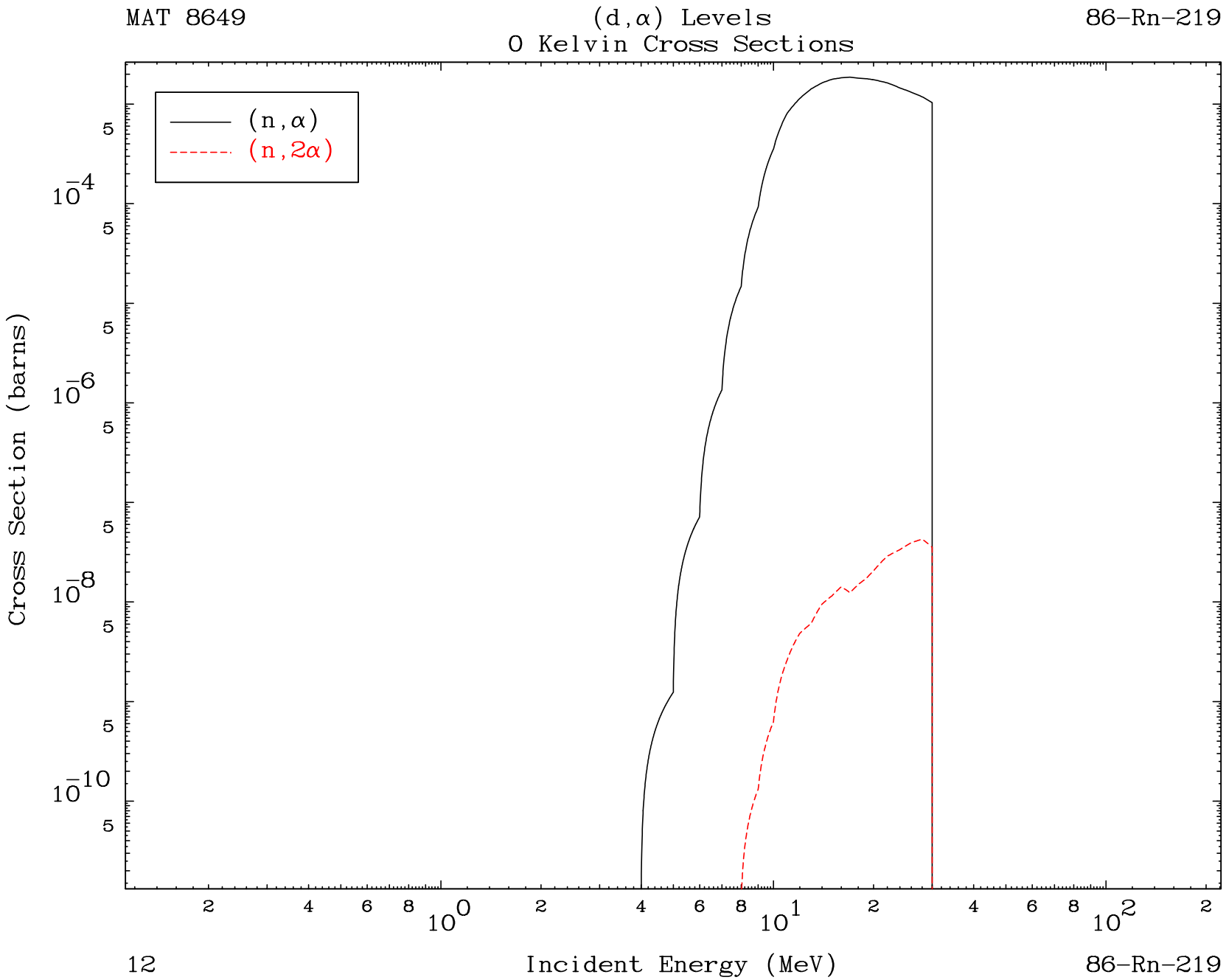

MAT 8649
Deuteron Charged Particle
0 Kelvin Cross Sections
86-Rn-219
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
86-Rn-219

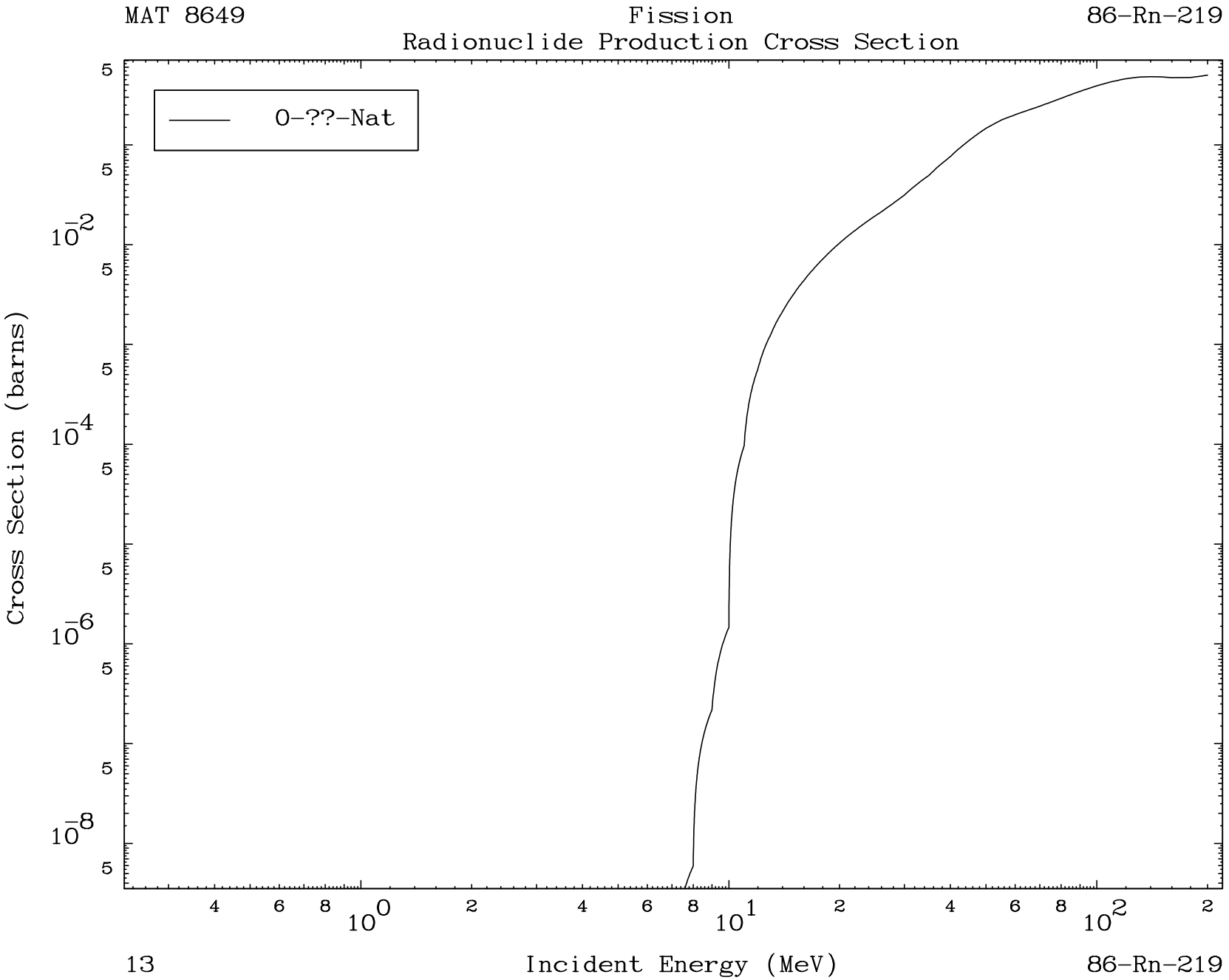

MAT 8649
(d,p) Levels
86-Rn-219
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
86-Rn-219

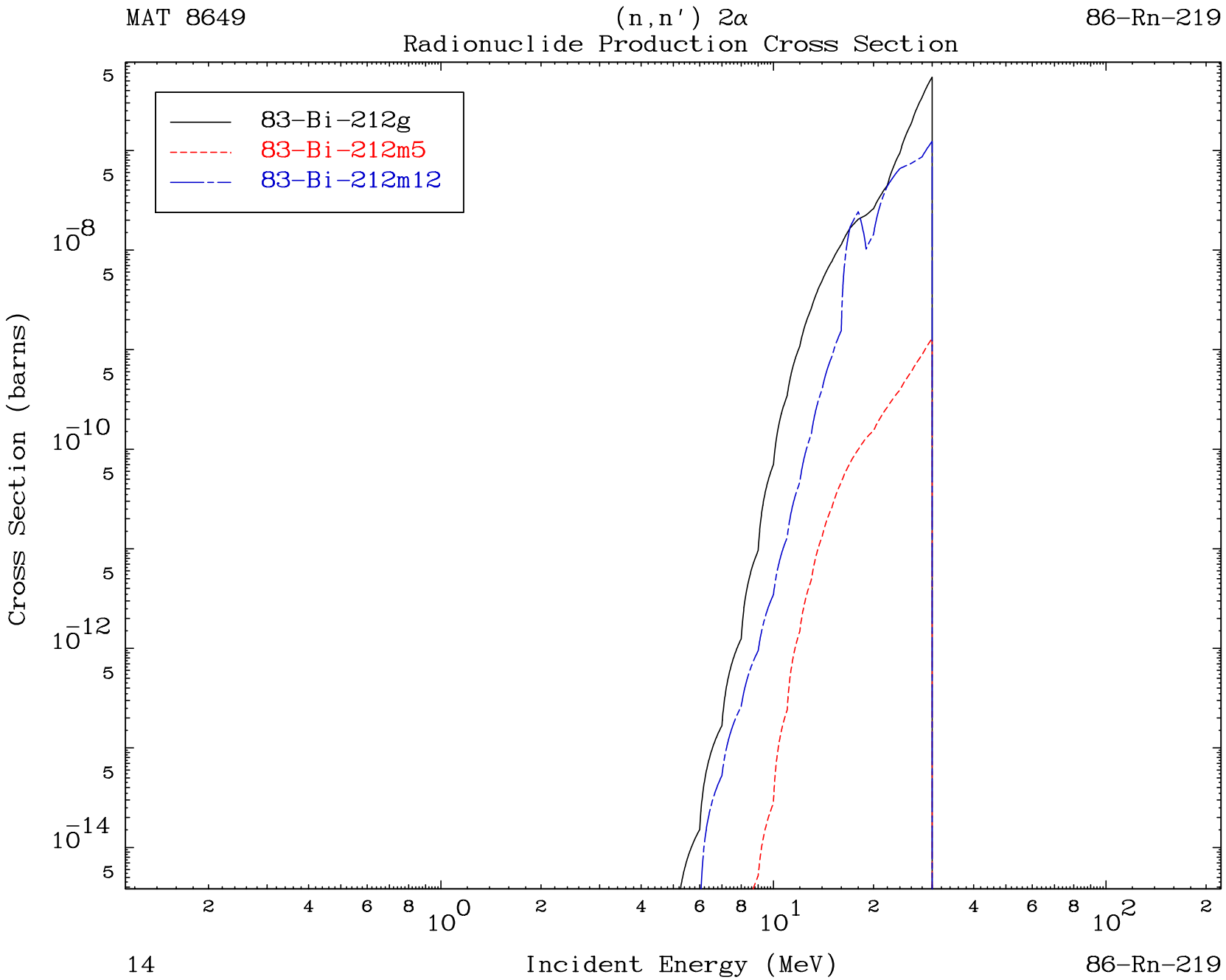

MAT 8649
(d,d) Levels
86-Rn-219
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
86-Rn-219


MAT 8649
(d,t) Levels
86-Rn-219
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-219


MAT 8649
(d,He3) Levels
86-Rn-219
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
86-Rn-219


MAT 8649
(d,α) Levels
86-Rn-219
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
12
86-Rn-219


MAT 8649
Fission
86-Rn-219
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
13
86-Rn-219


MAT 8649
(n,n') 2α
86-Rn-219
Radionuclide Production Cross Section
83-Bi-212g
83-Bi-212m5
83-Bi-212m12
Cross Section (barns)
Incident Energy (MeV)
14
86-Rn-219