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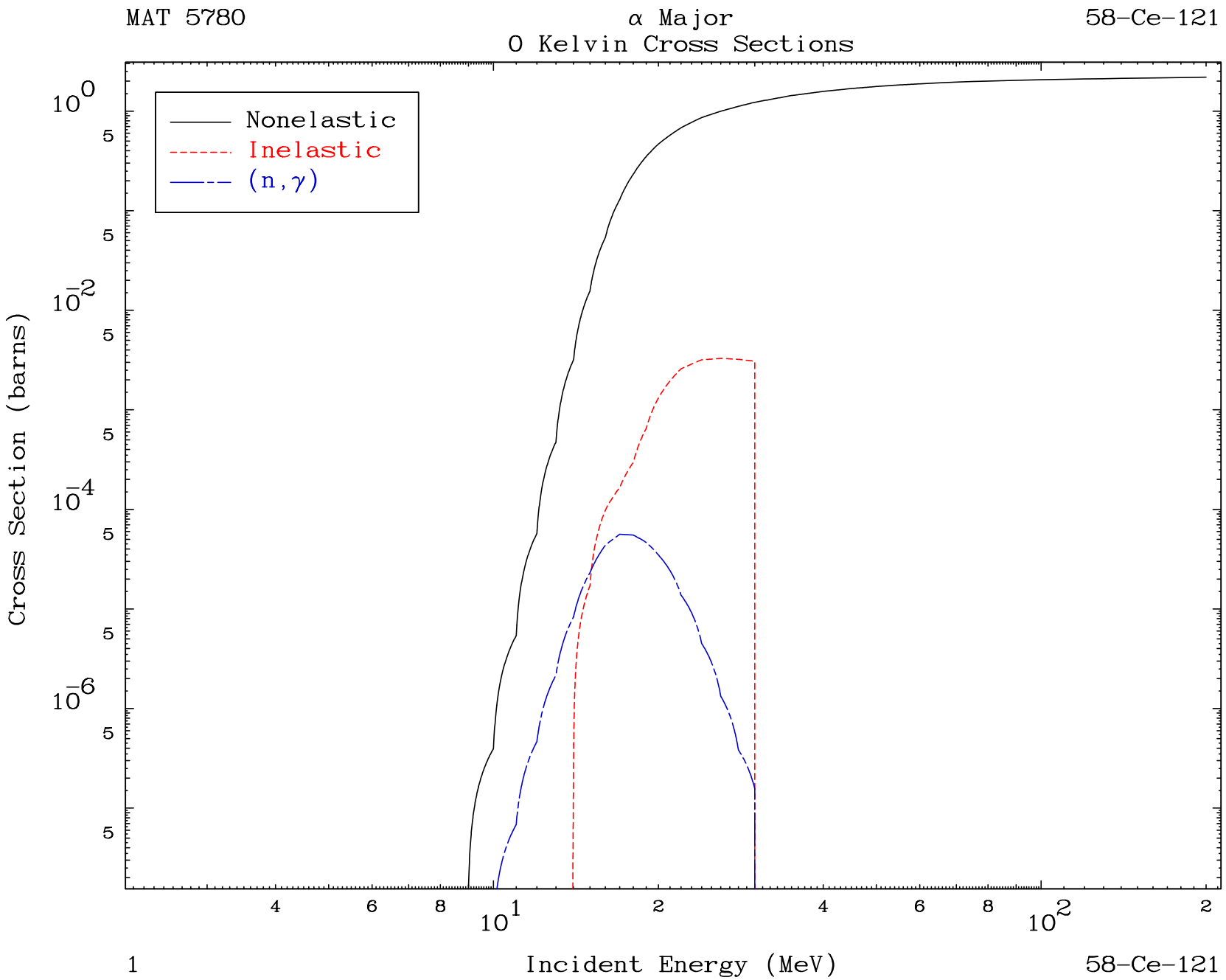
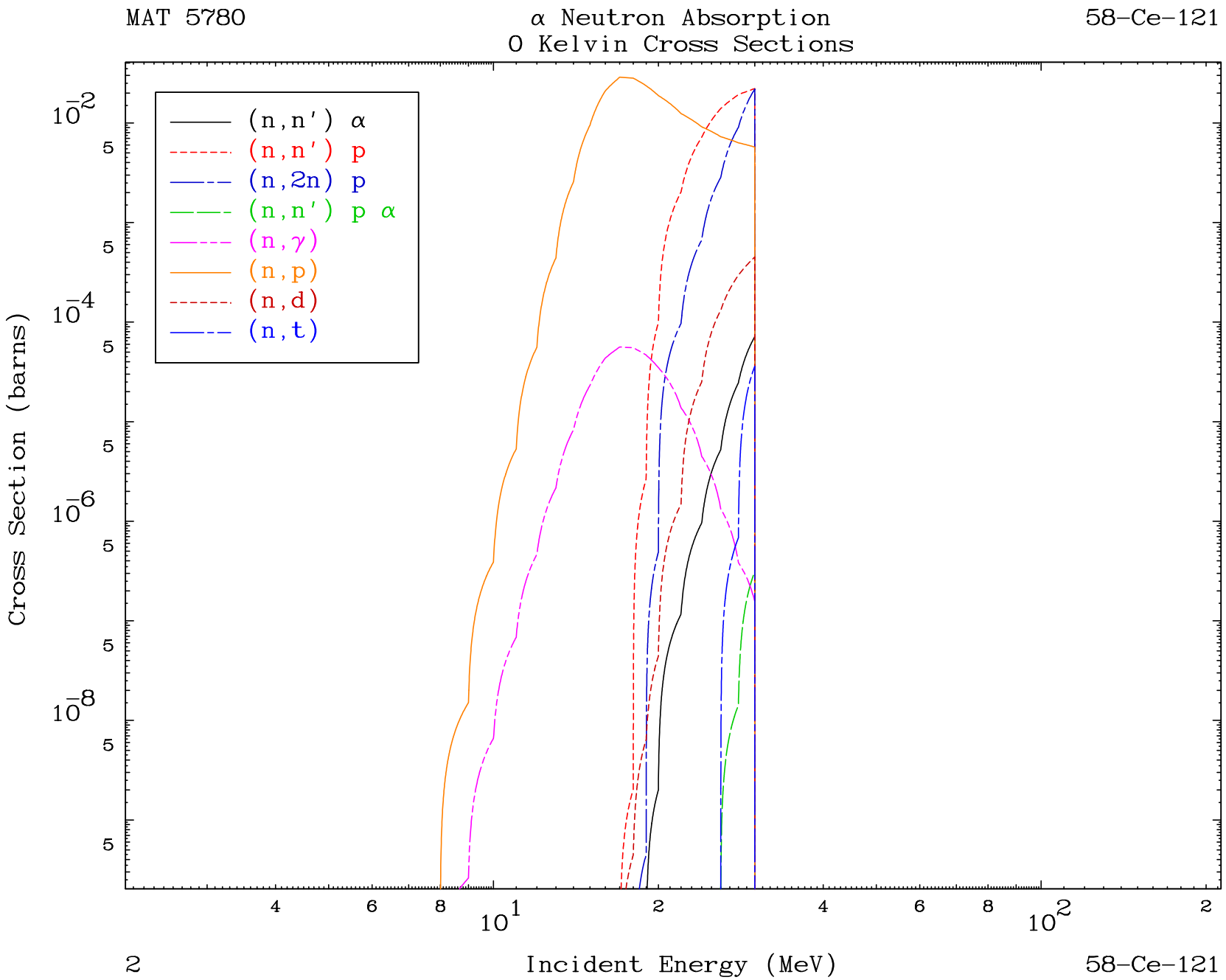
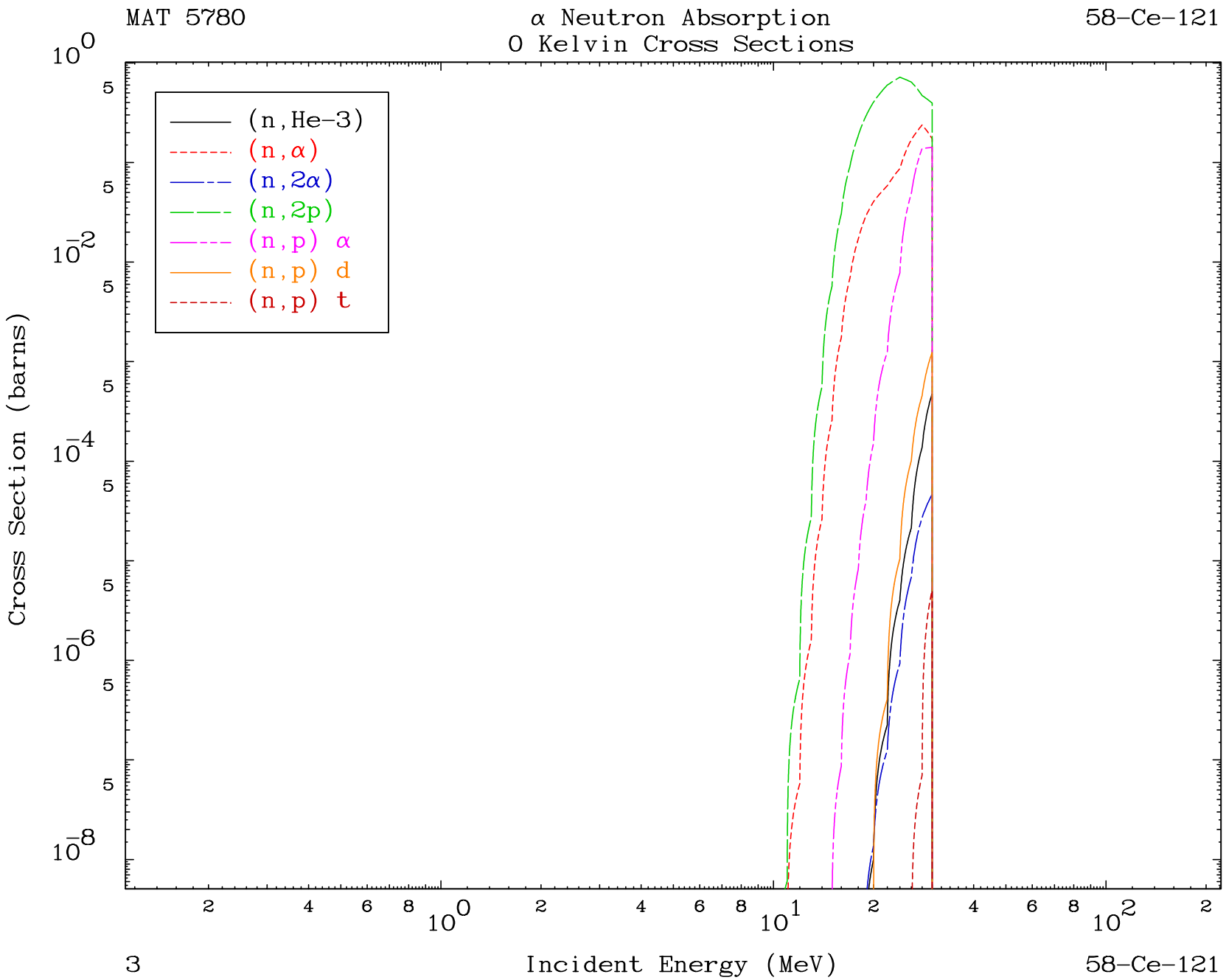
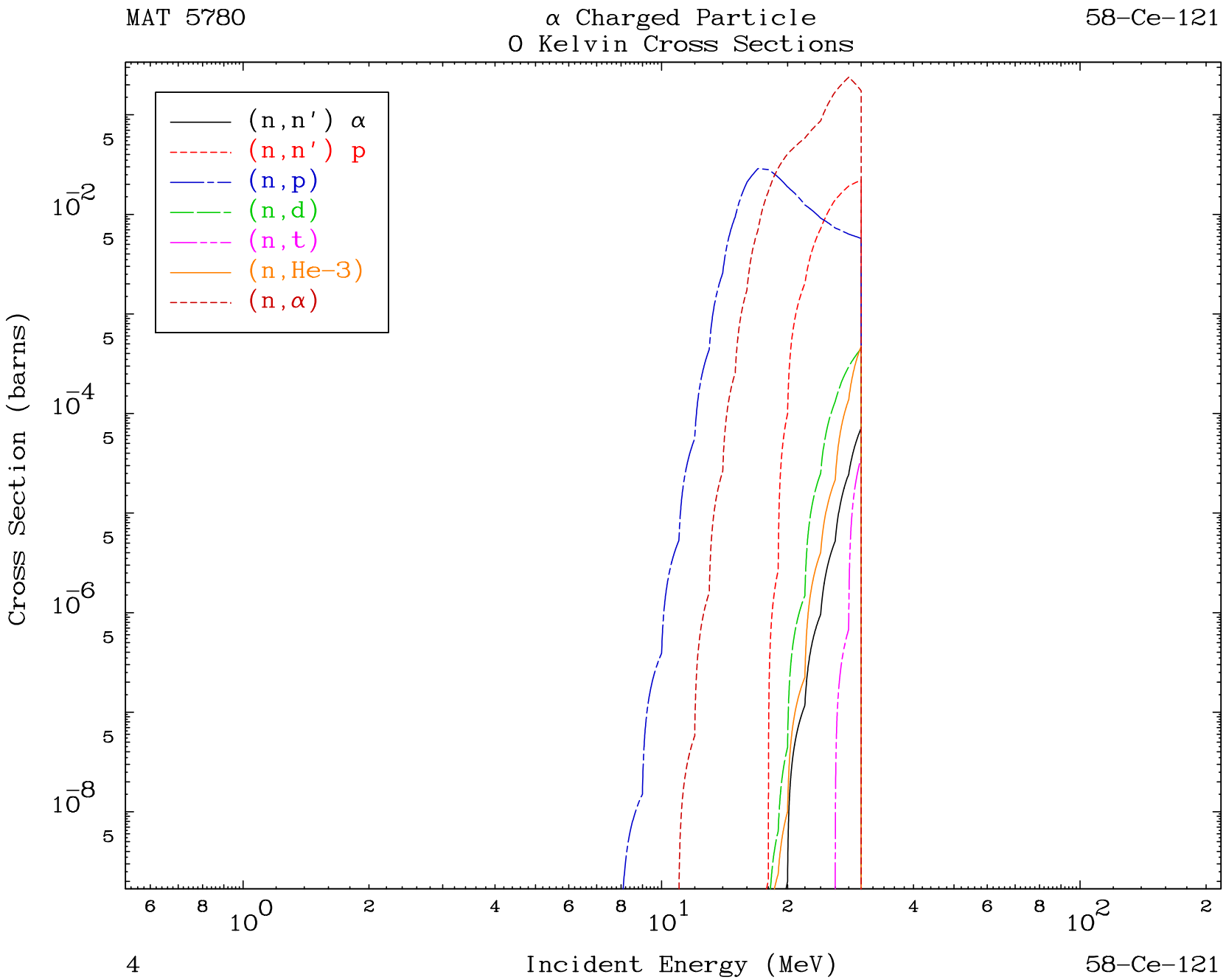
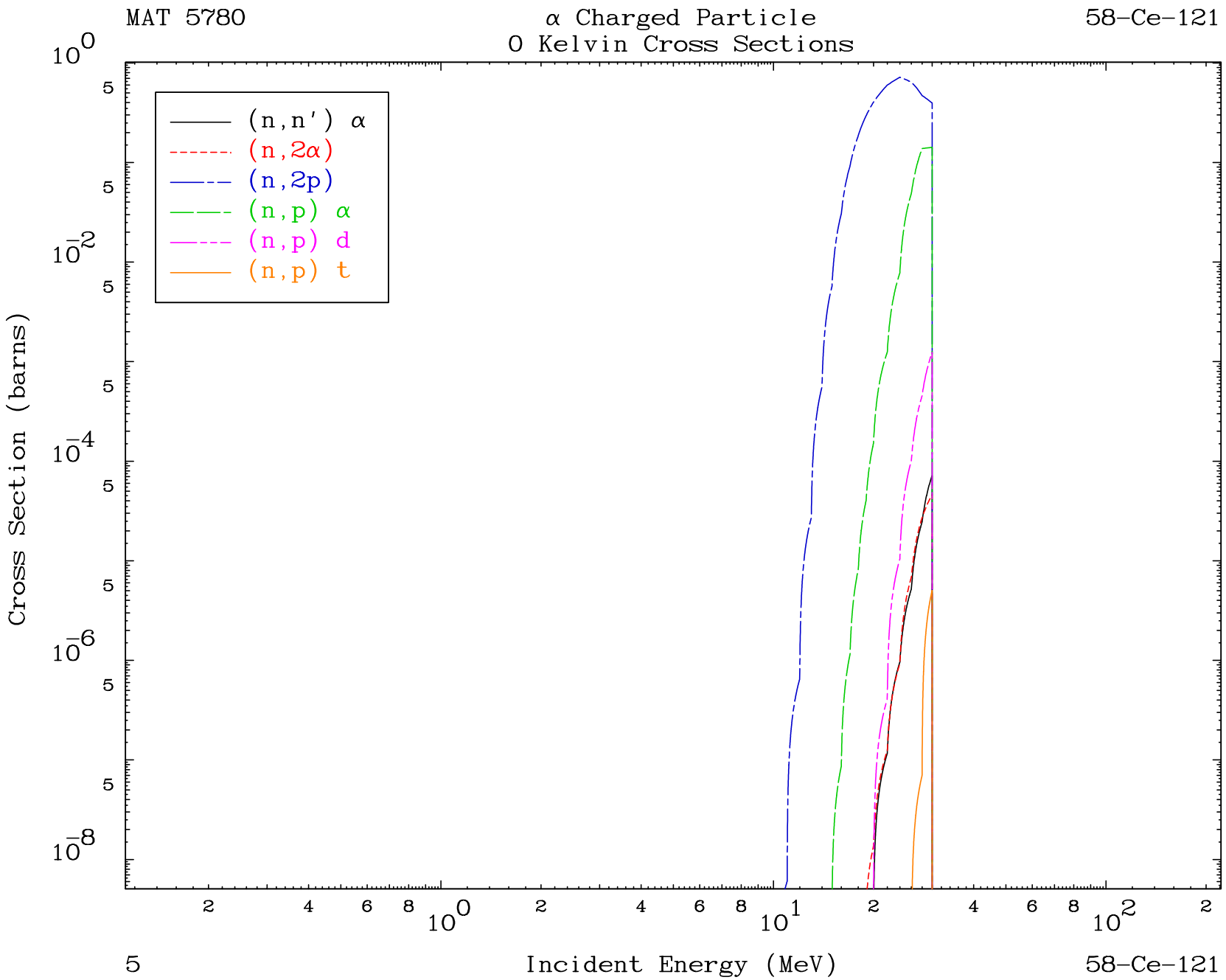
Press Mouse Button to Start

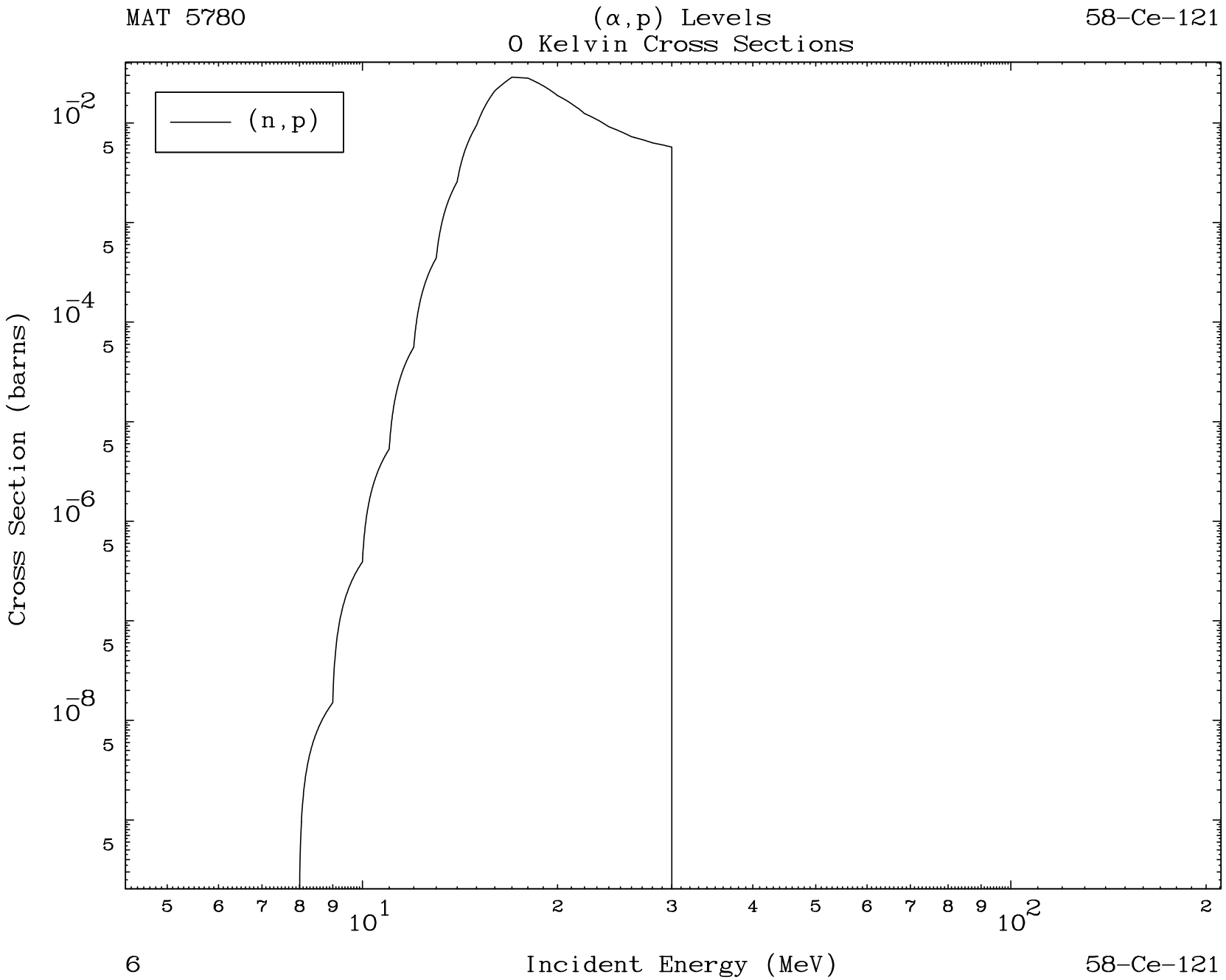

MAT 5780
α Major
58-Ce-121
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
4
6
8
10^1
2
10^2
Incident Energy (MeV)
1
58-Ce-121

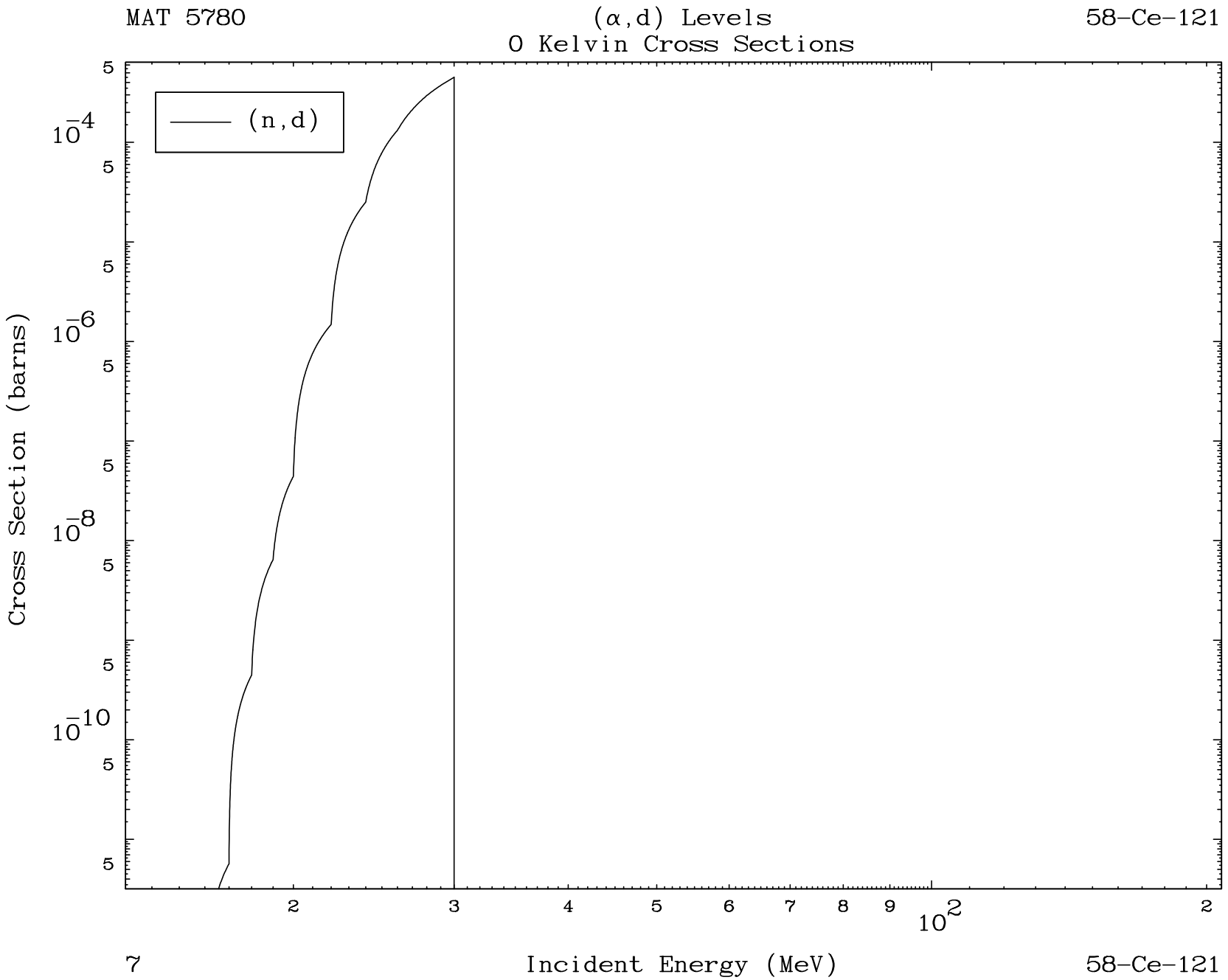

MAT 5780
α Neutron Absorption
0 Kelvin Cross Sections
58-Ce-121
(n,n') α
(n,n') p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
58-Ce-121
2

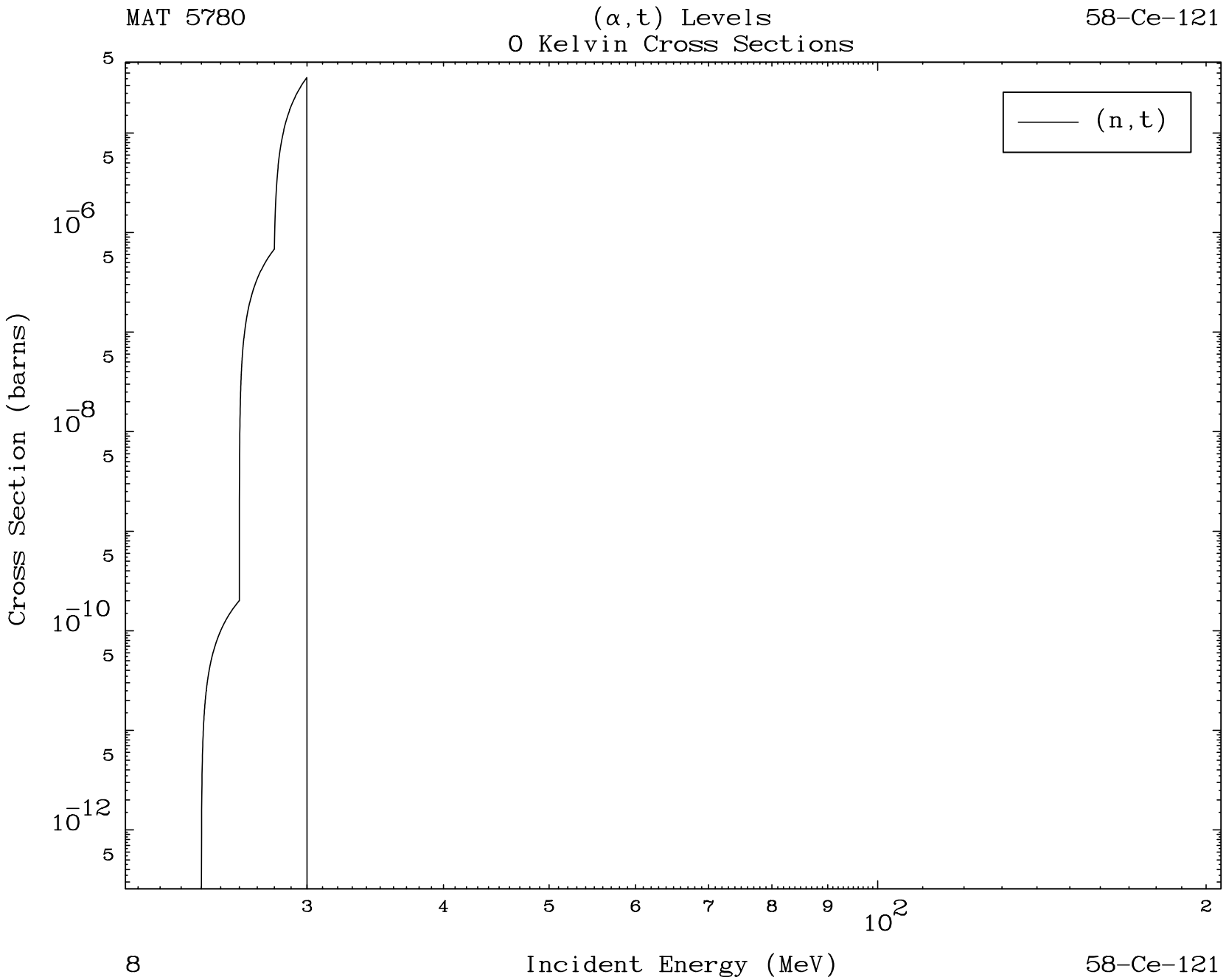

MAT 5780
α Neutron Absorption
0 Kelvin Cross Sections
58-Ce-121
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
58-Ce-121

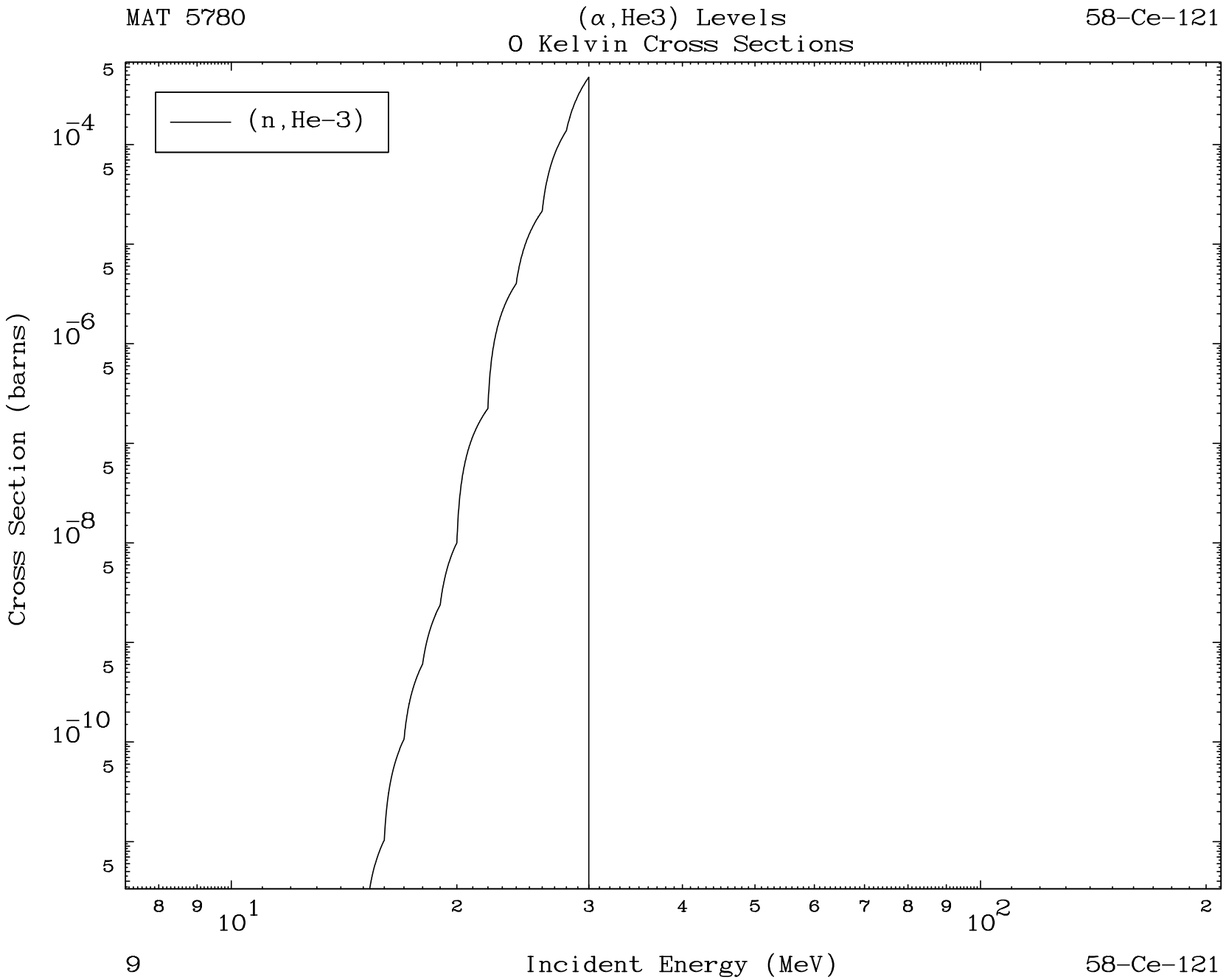

MAT 5780
α Charged Particle
0 Kelvin Cross Sections
58-Ce-121
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
58-Ce-121

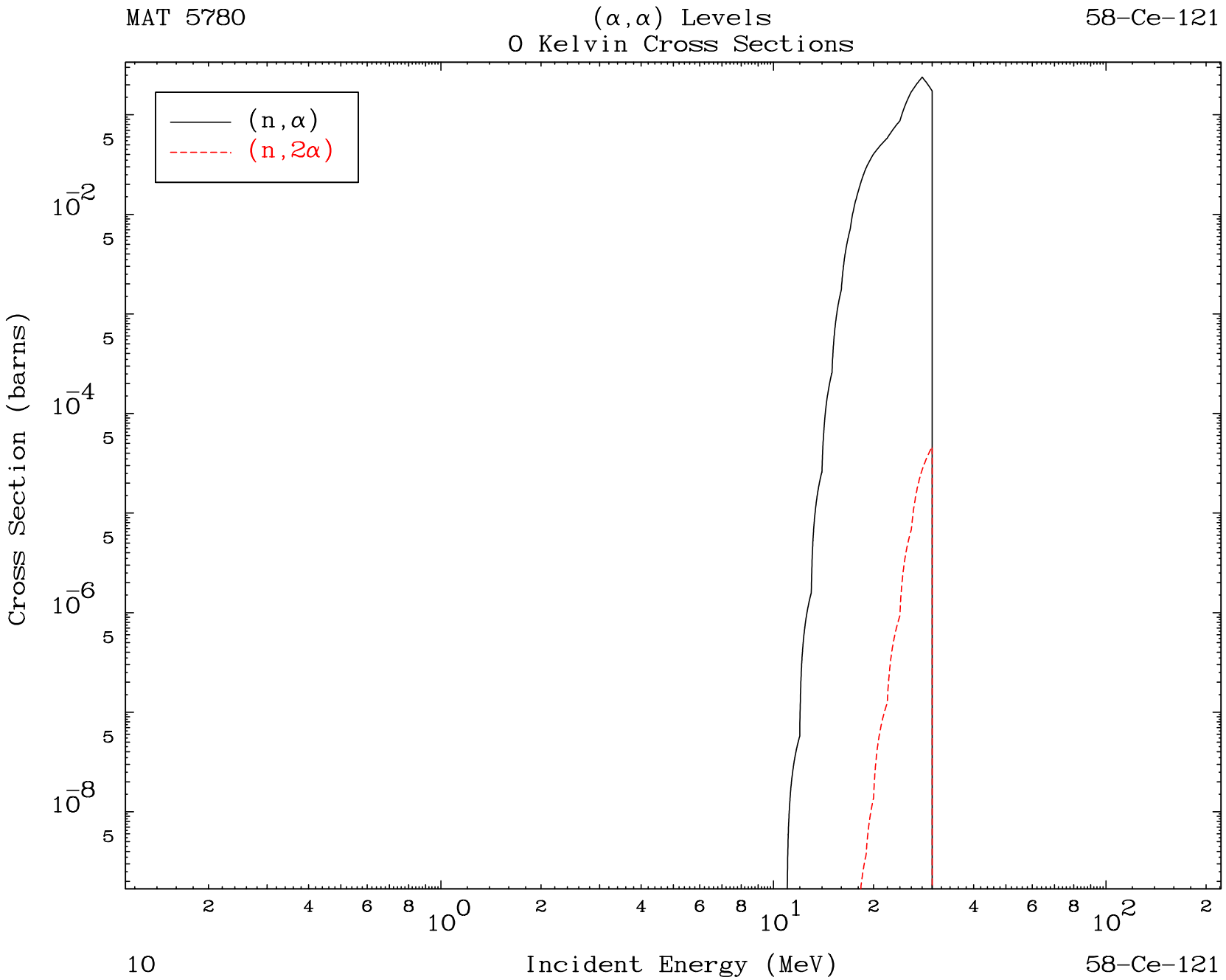

MAT 5780
α Charged Particle
0 Kelvin Cross Sections
58-Ce-121
(n,n') α
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
58-Ce-121
5


MAT 5780
(α,p) Levels
0 Kelvin Cross Sections
58-Ce-121
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
58-Ce-121


MAT 5780
(α,d) Levels
58-Ce-121
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^2
7
58-Ce-121


MAT 5780
(α,t) Levels
58-Ce-121
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
58-Ce-121


MAT 5780
(α,He3) Levels
58-Ce-121
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
9
58-Ce-121


MAT 5780
(α,α) Levels
58-Ce-121
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
58-Ce-121