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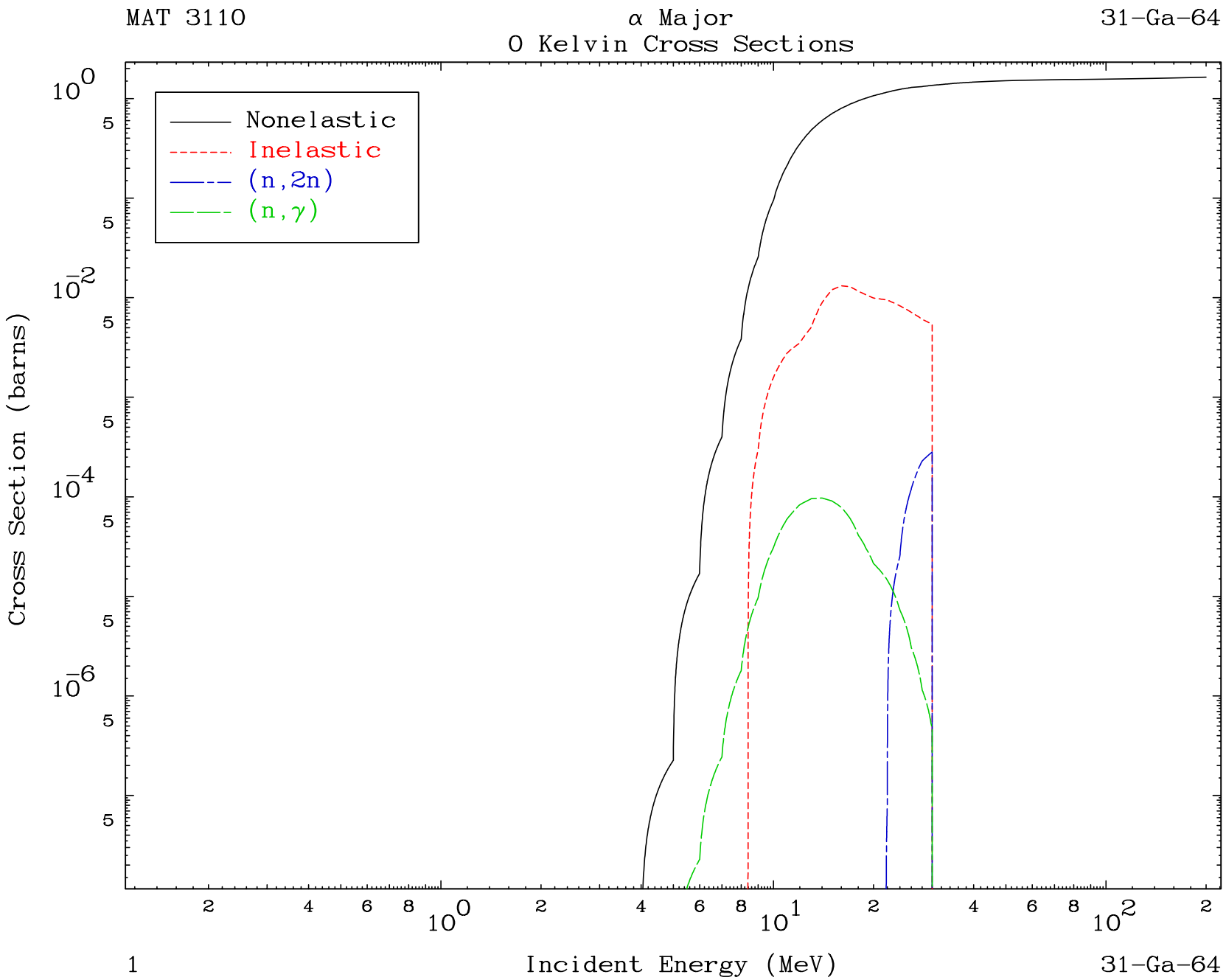
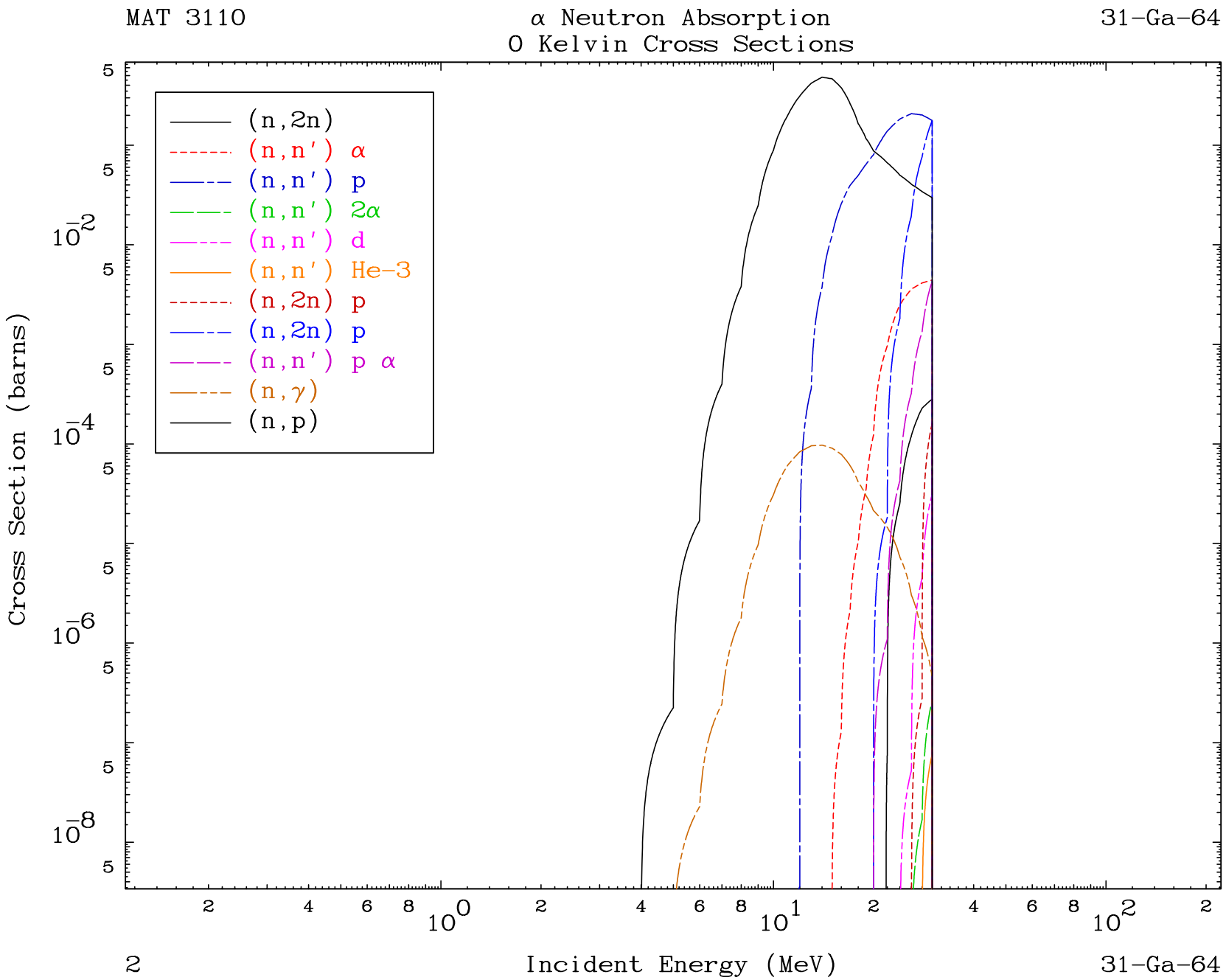
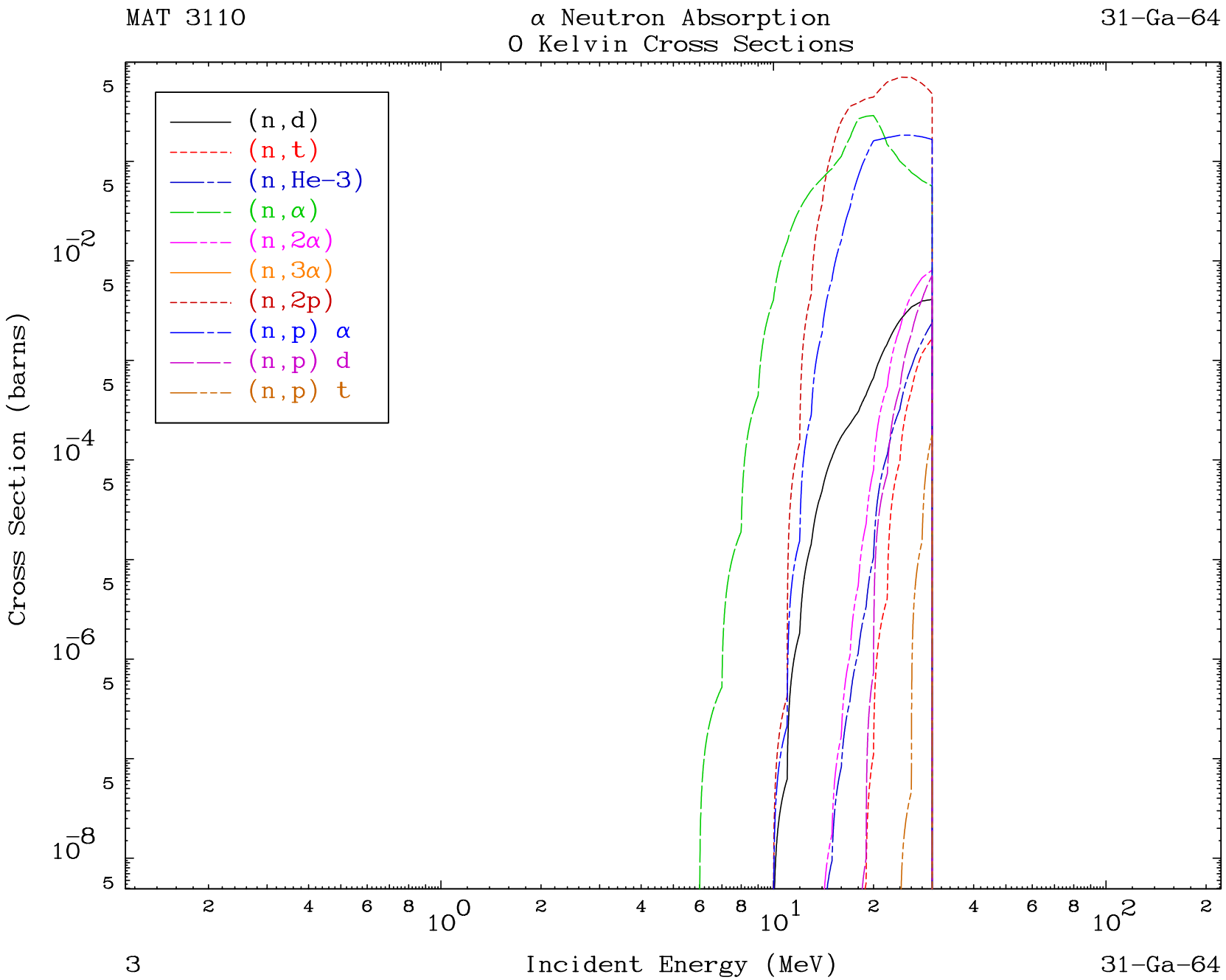
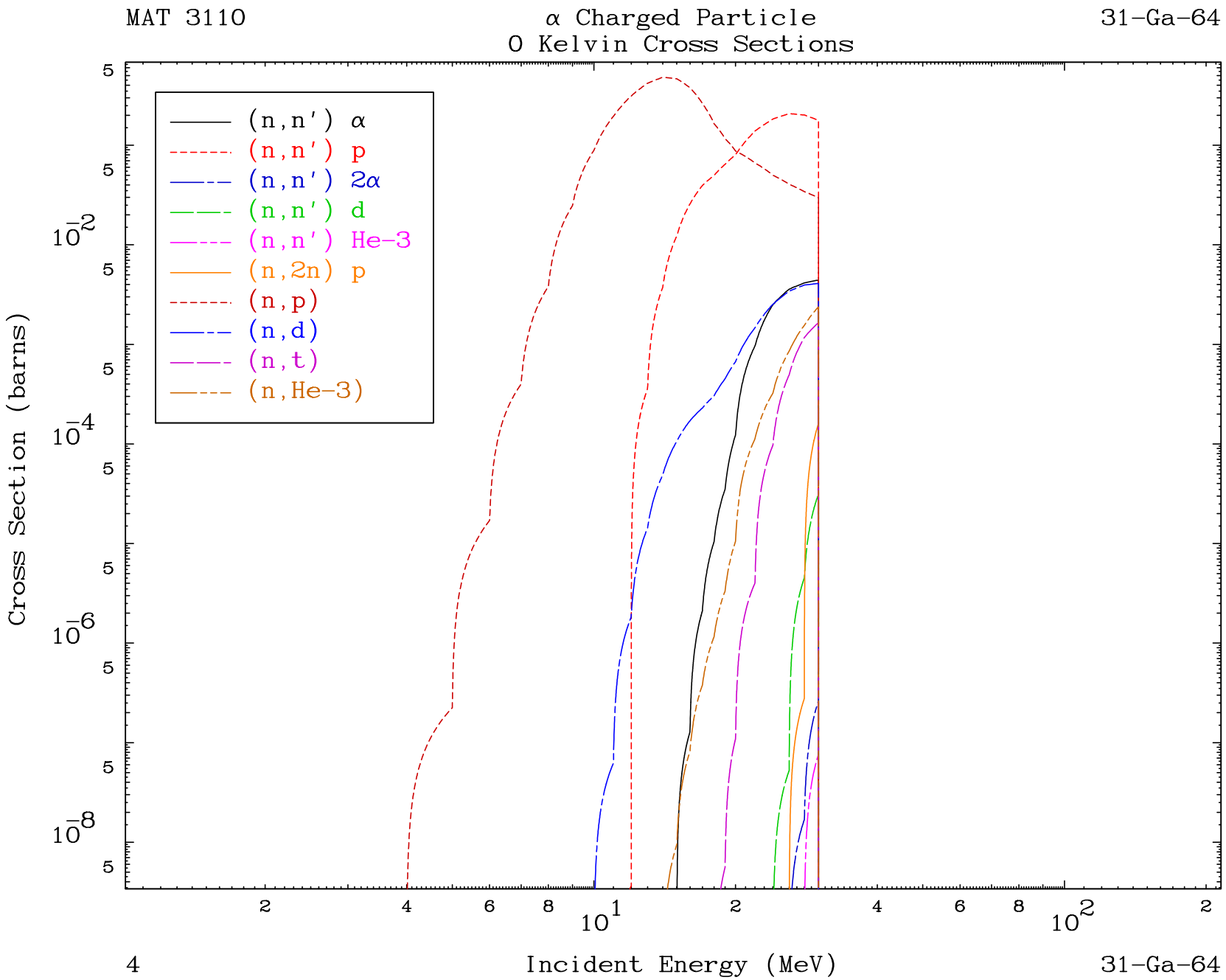
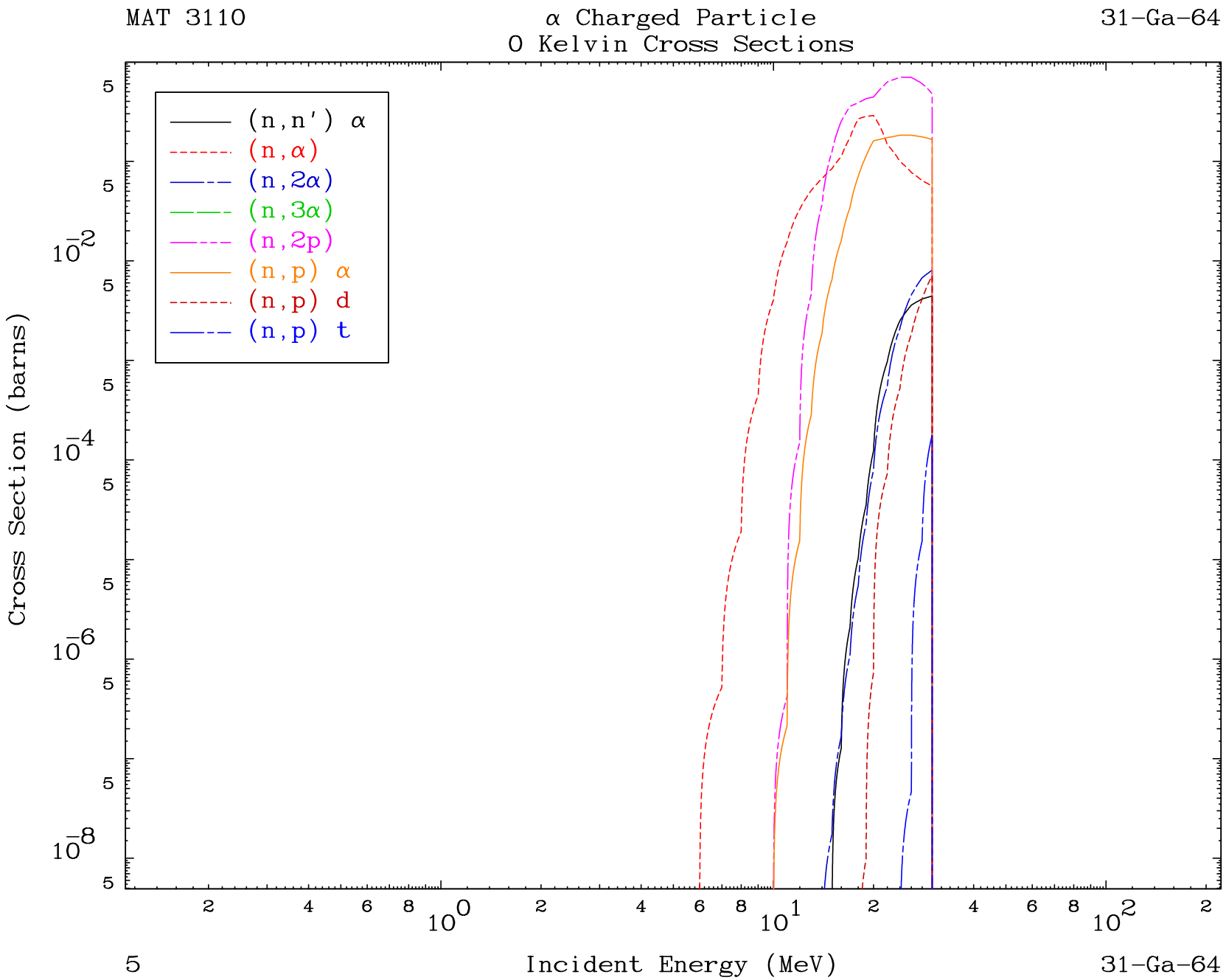
Press Mouse Button to Start

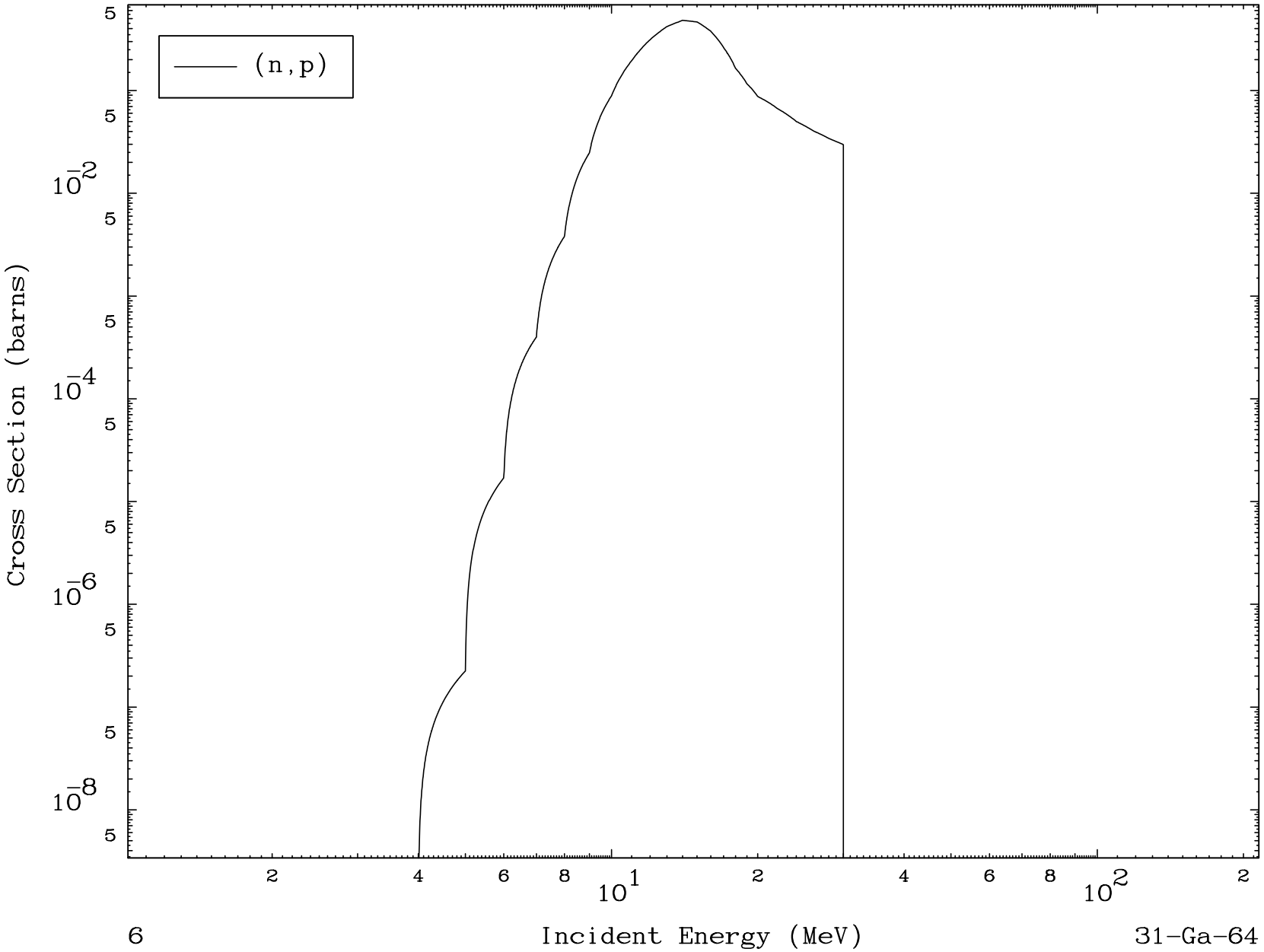

MAT 3110
α Major
31-Ga-64
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
31-Ga-64

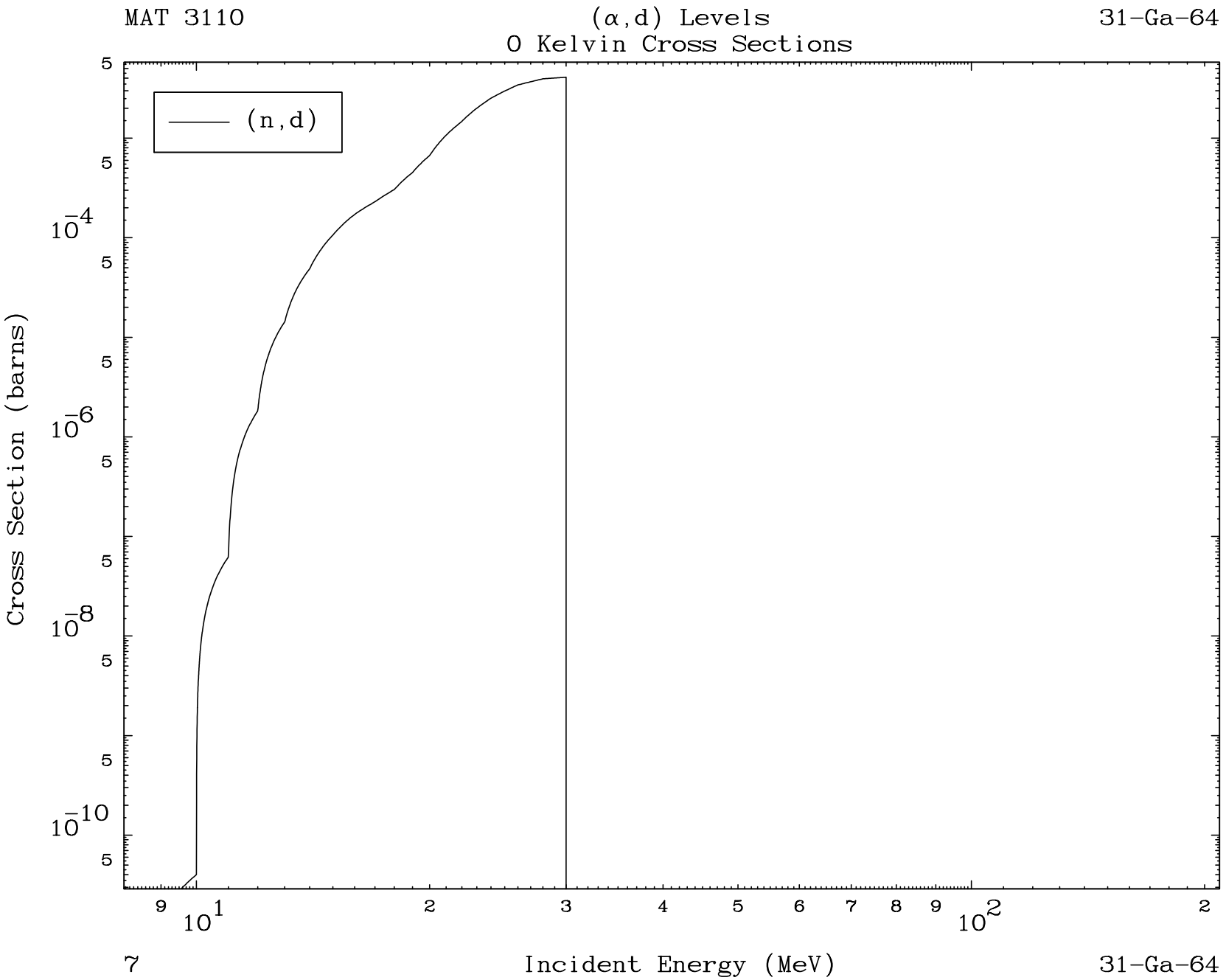

MAT 3110
α Neutron Absorption
0 Kelvin Cross Sections
31-Ga-64
(n,2n)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
31-Ga-64


MAT 3110
α Neutron Absorption
0 Kelvin Cross Sections
31-Ga-64
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
31-Ga-64

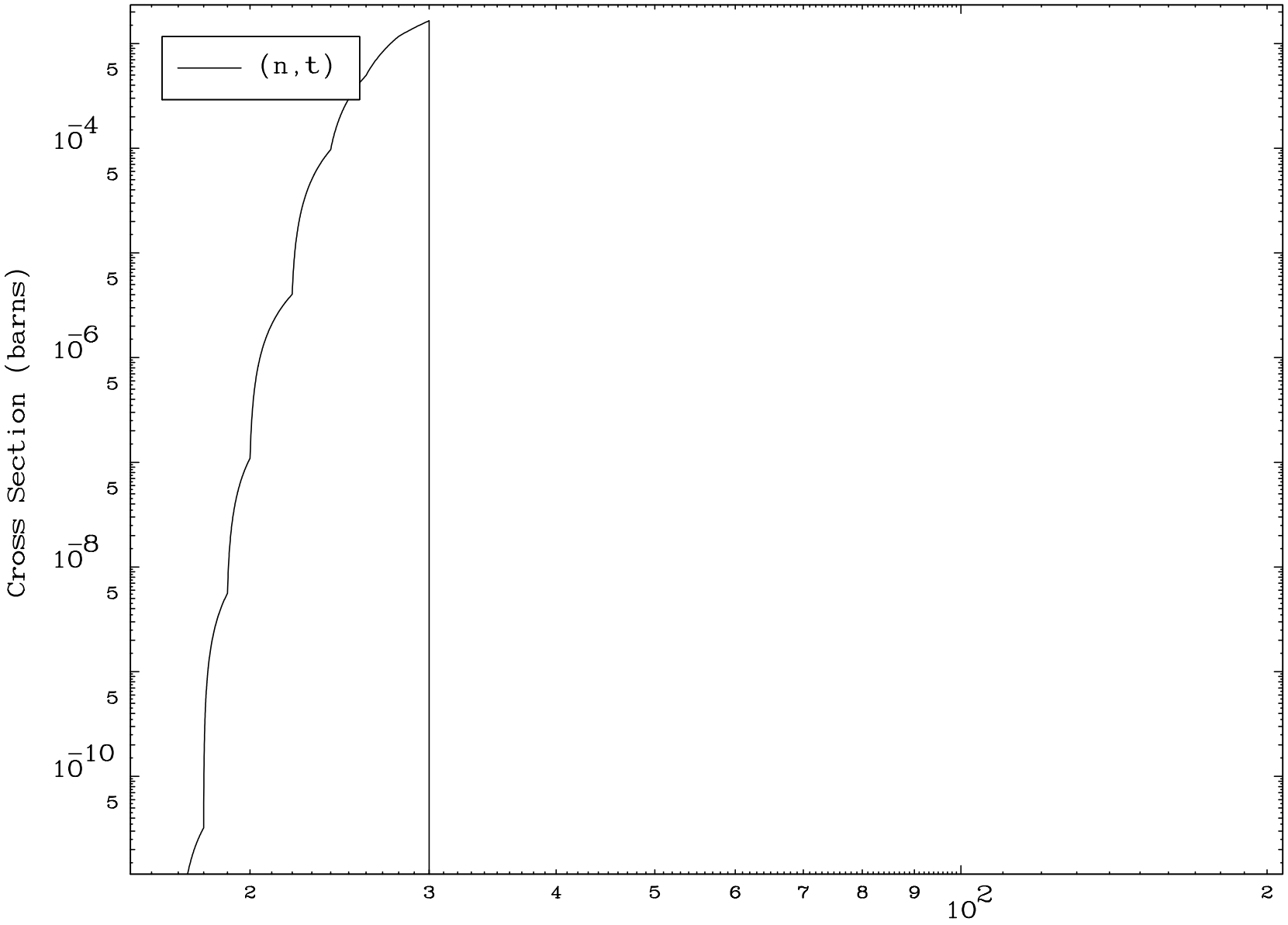

MAT 3110
α Charged Particle
0 Kelvin Cross Sections
31-Ga-64
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
31-Ga-64

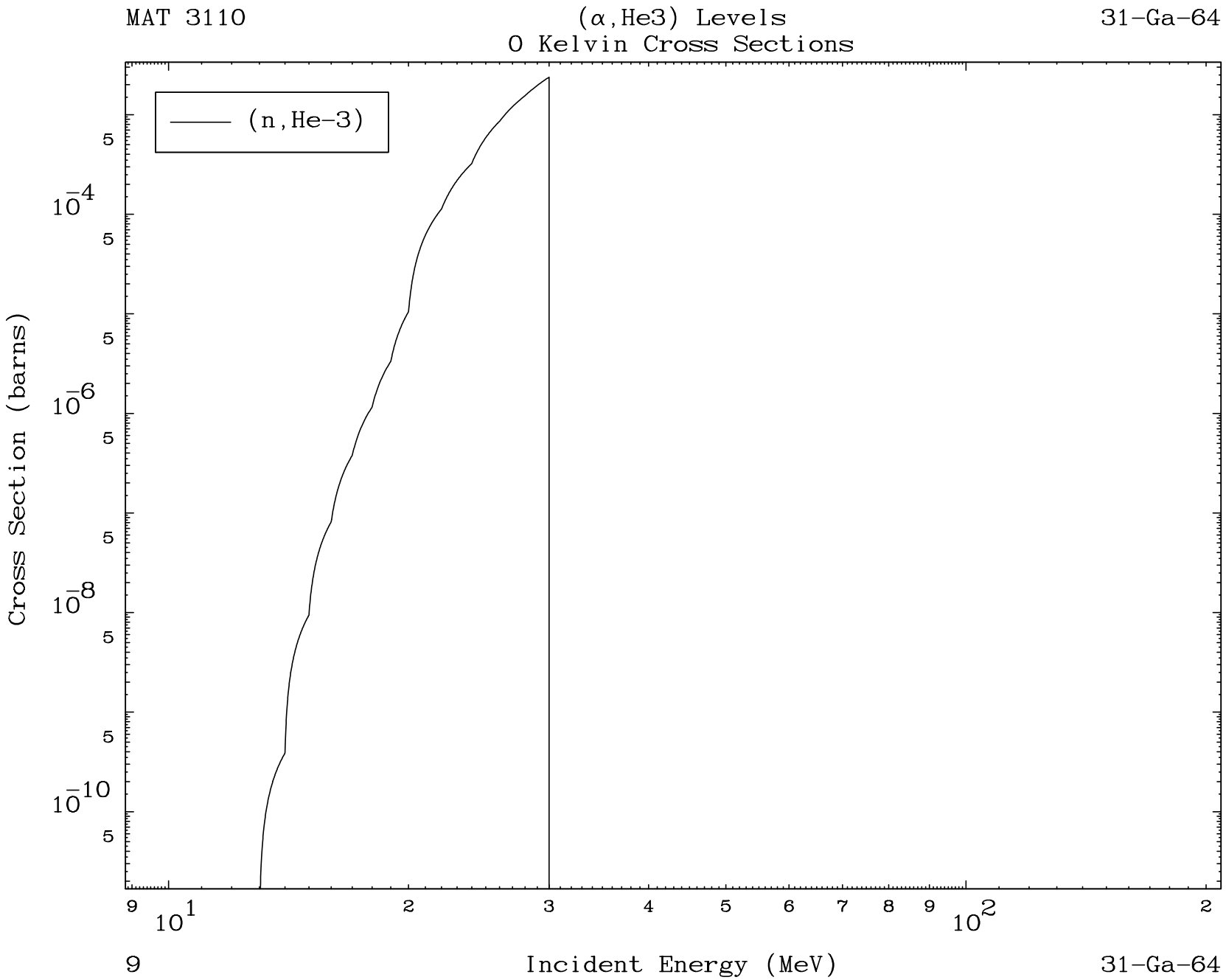

MAT 3110
α Charged Particle
0 Kelvin Cross Sections
31-Ga-64
(n,n') α
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
31-Ga-64

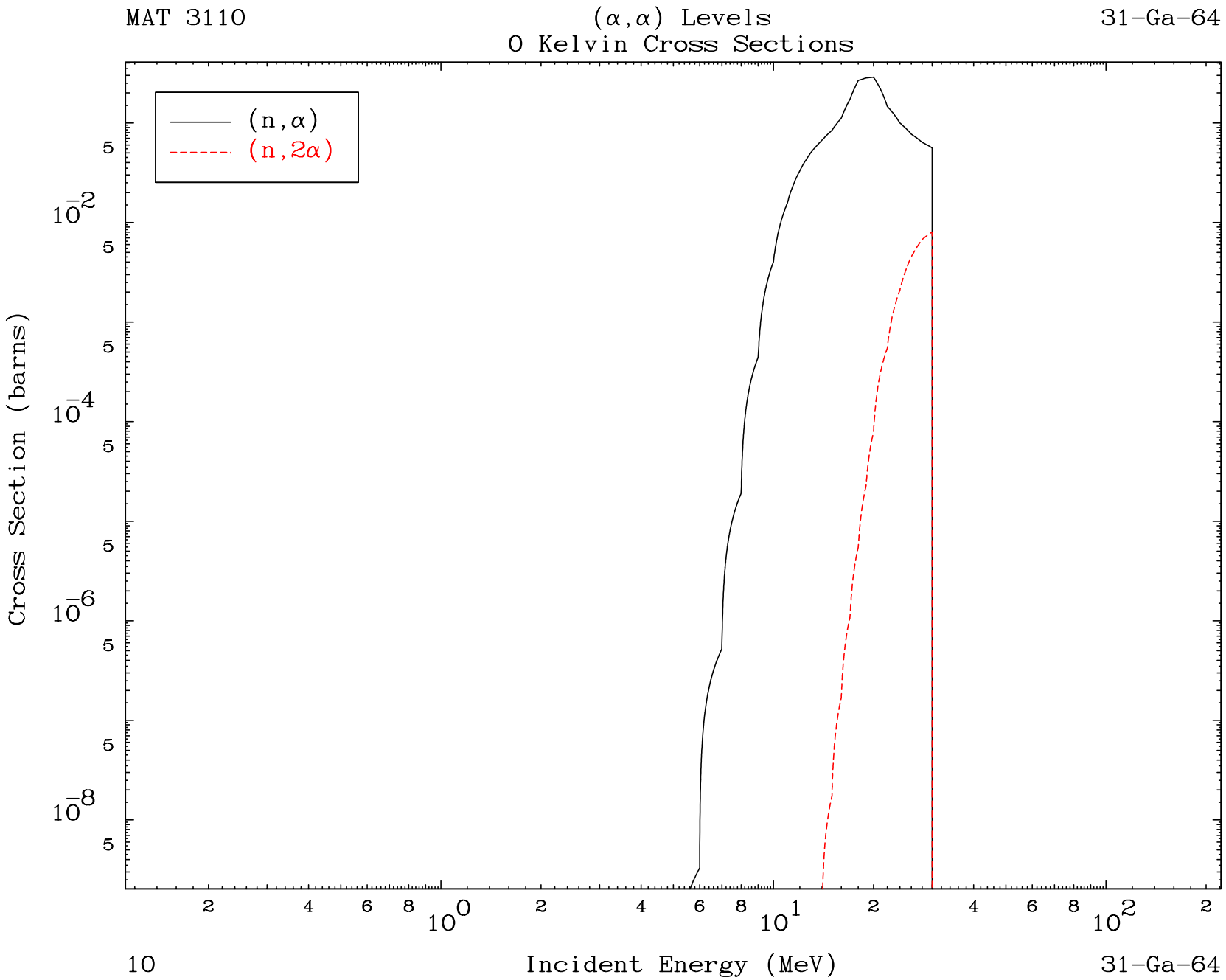

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10^1
10^2
Incident Energy (MeV)


MAT 3110
(α,d) Levels
31-Ga-64
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
31-Ga-64

0 Kelvin Cross Sections




MAT 3110
(α,He3) Levels
31-Ga-64
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
31-Ga-64


MAT 3110
(α,α) Levels
31-Ga-64
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10
Incident Energy (MeV)
31-Ga-64