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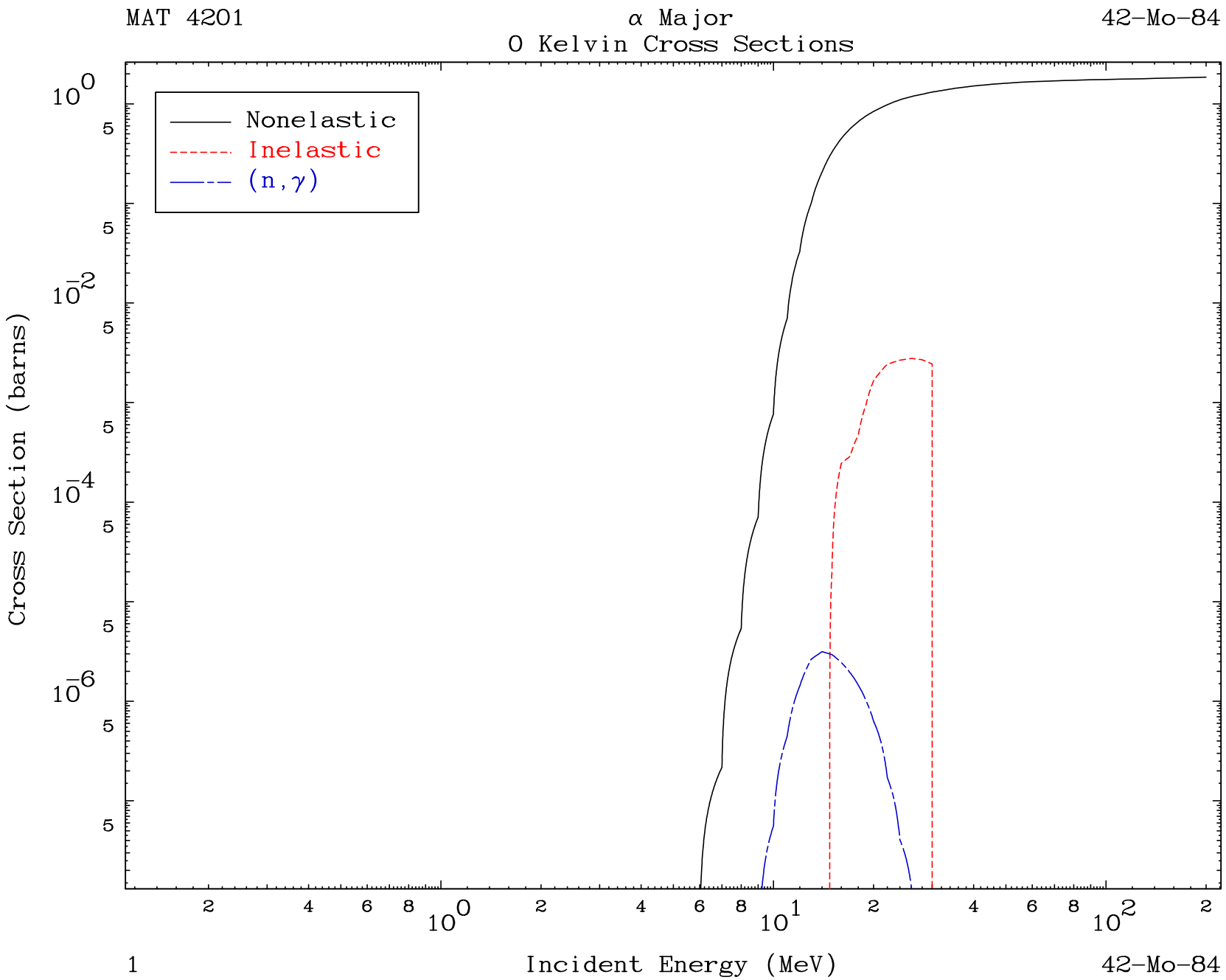
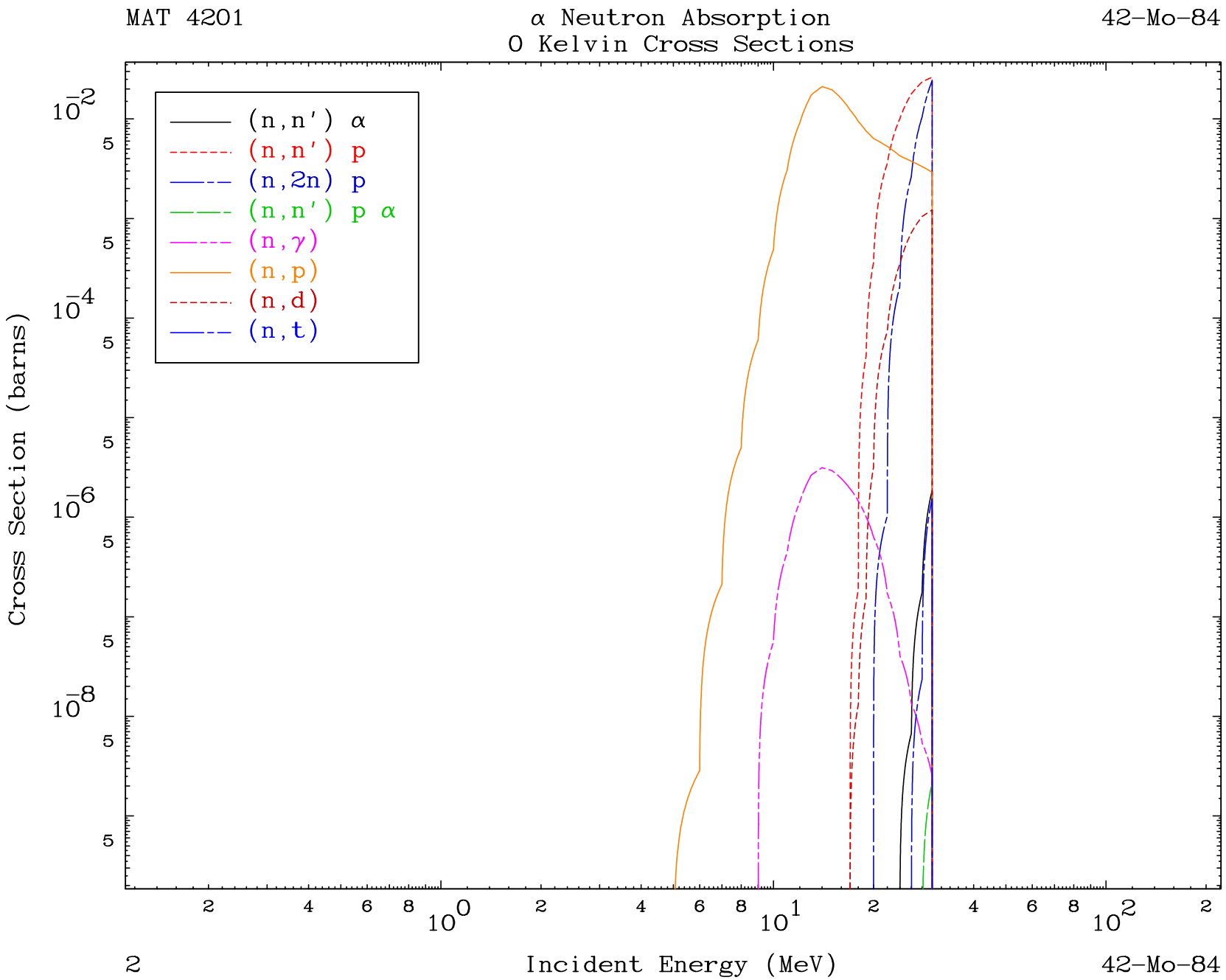
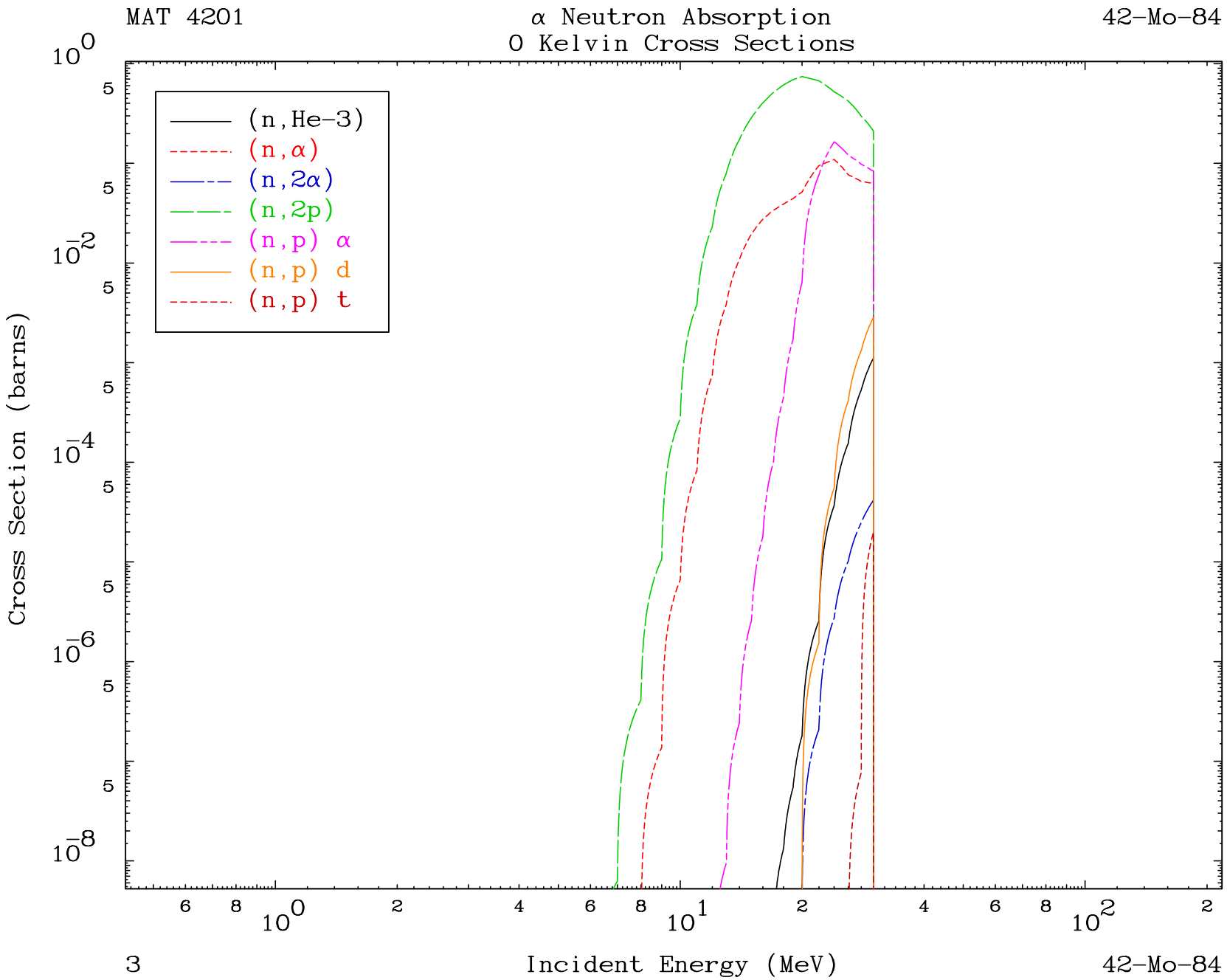
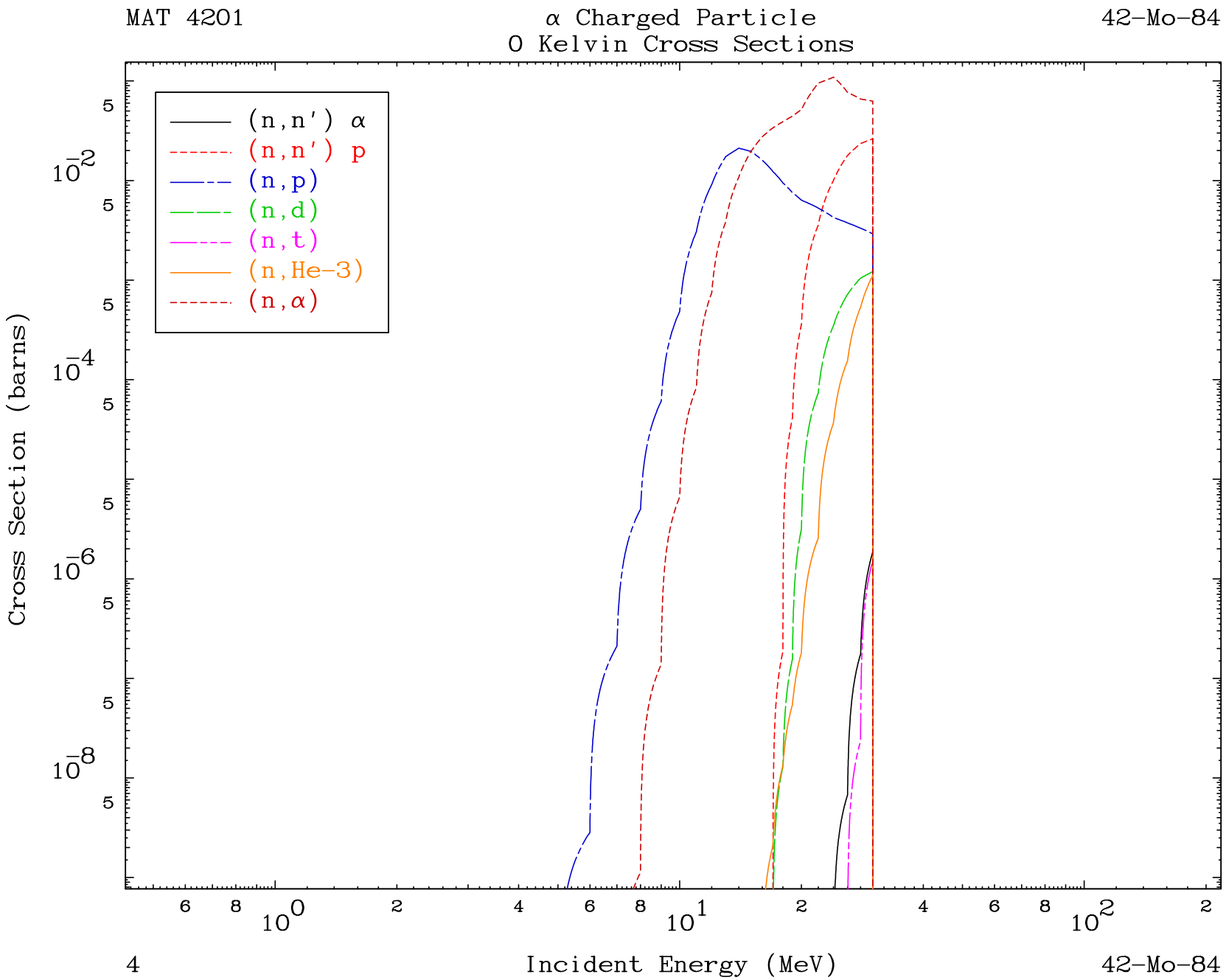
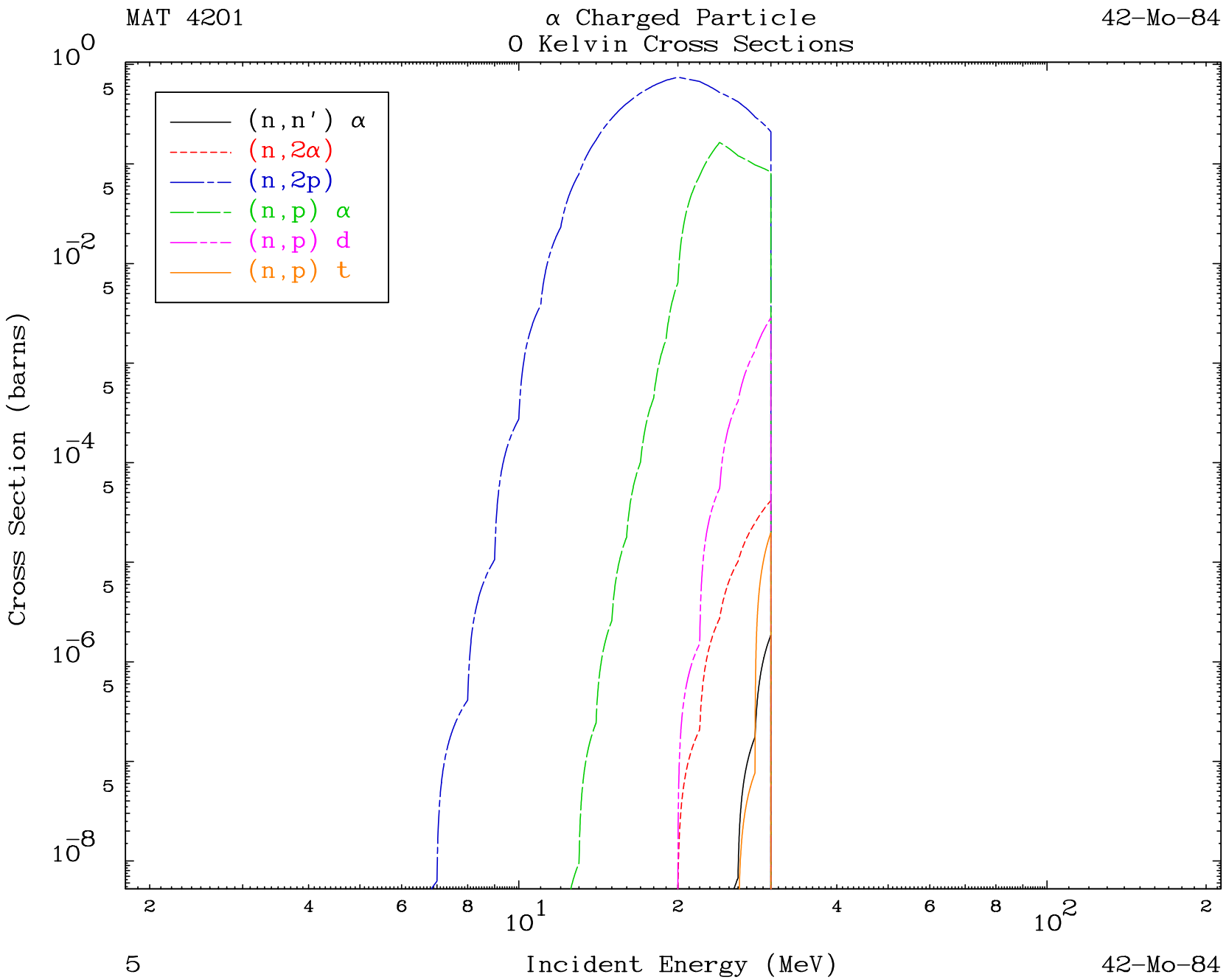
Press Mouse Button to Start

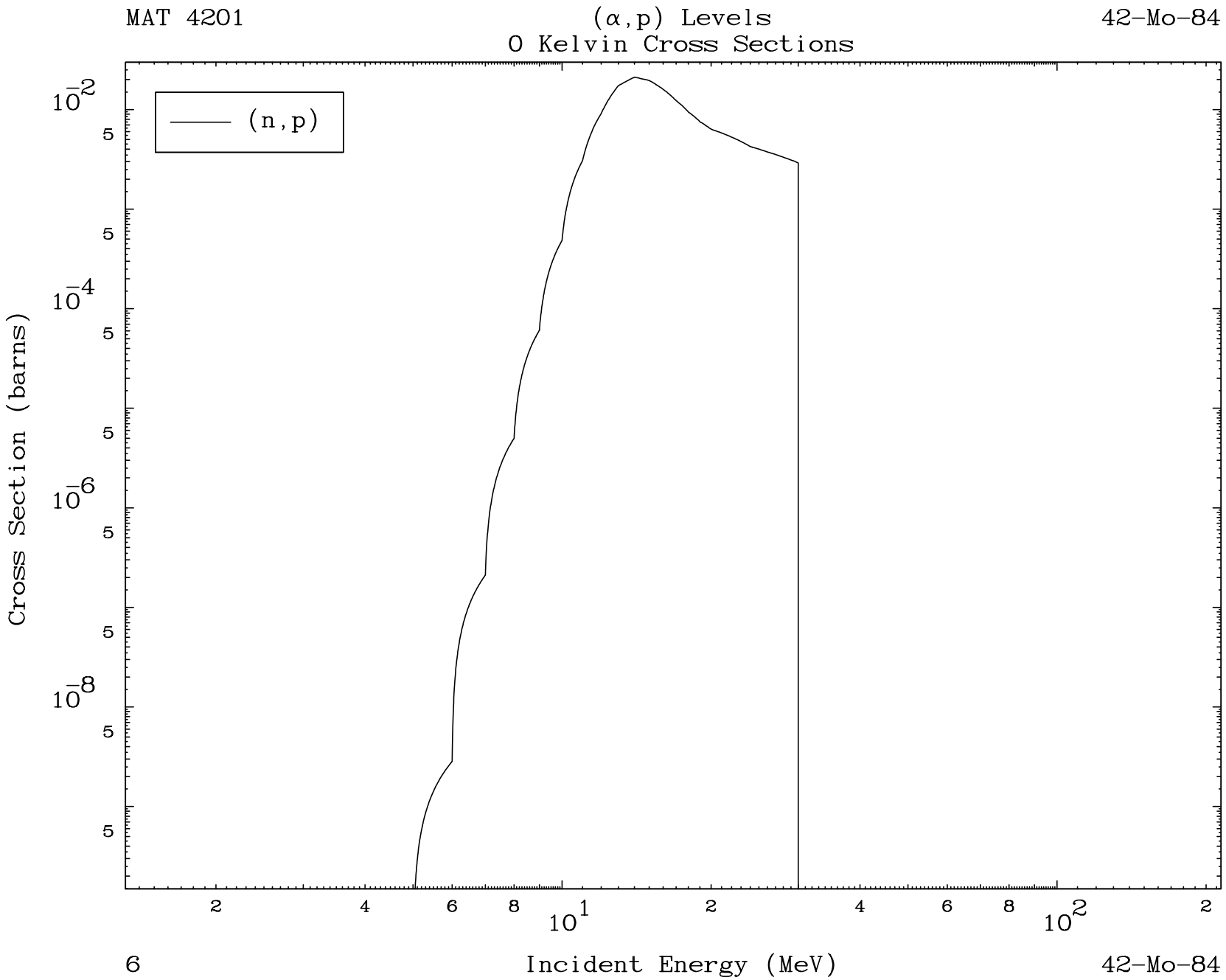

MAT 4201
α Major
42-Mo-84
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-84
1

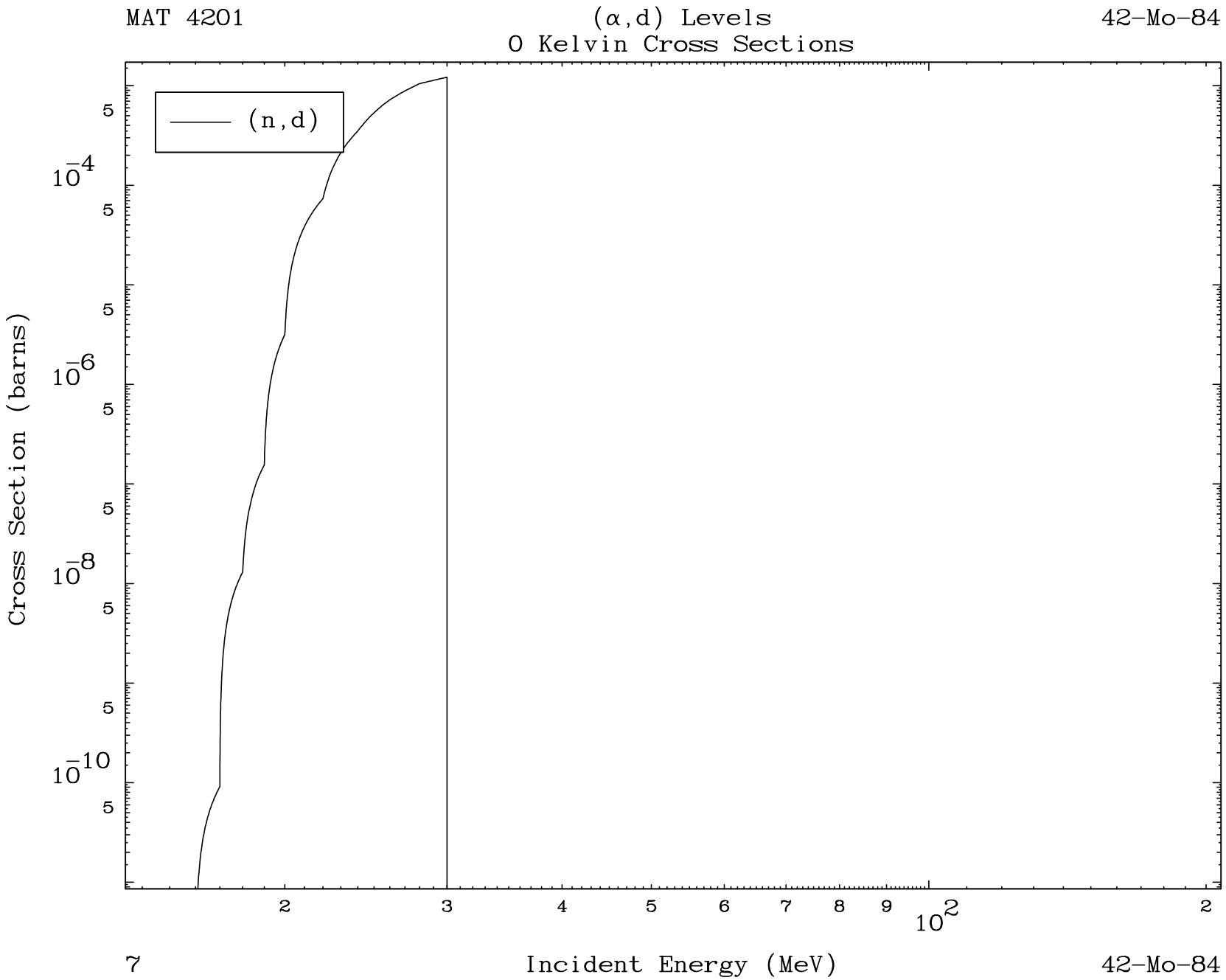

MAT 4201
α Neutron Absorption
0 Kelvin Cross Sections
42-Mo-84
(n,n') α
(n,n') p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-84
2

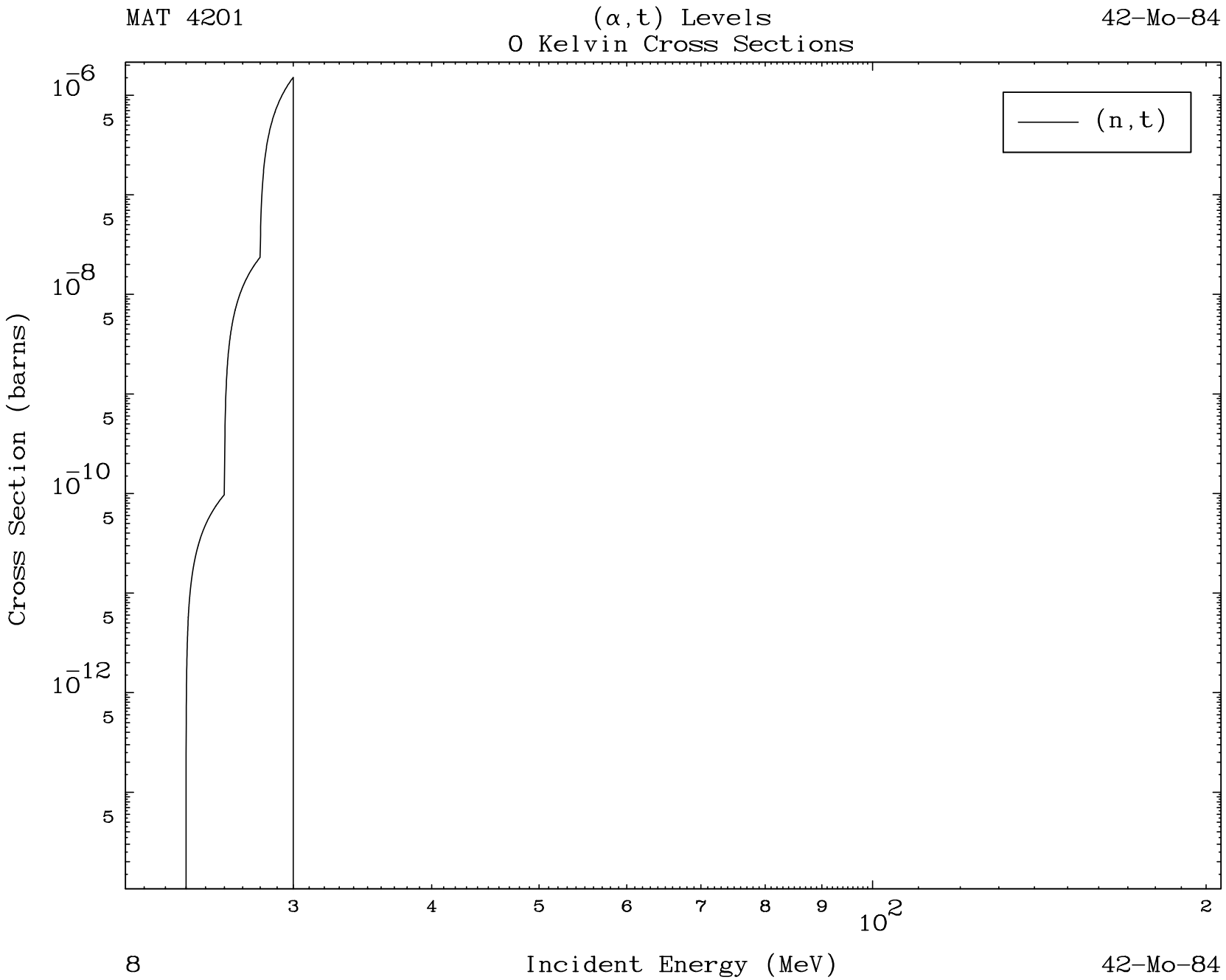

MAT 4201
α Neutron Absorption
0 Kelvin Cross Sections
42-Mo-84
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-84


MAT 4201
α Charged Particle
0 Kelvin Cross Sections
42-Mo-84
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
42-Mo-84

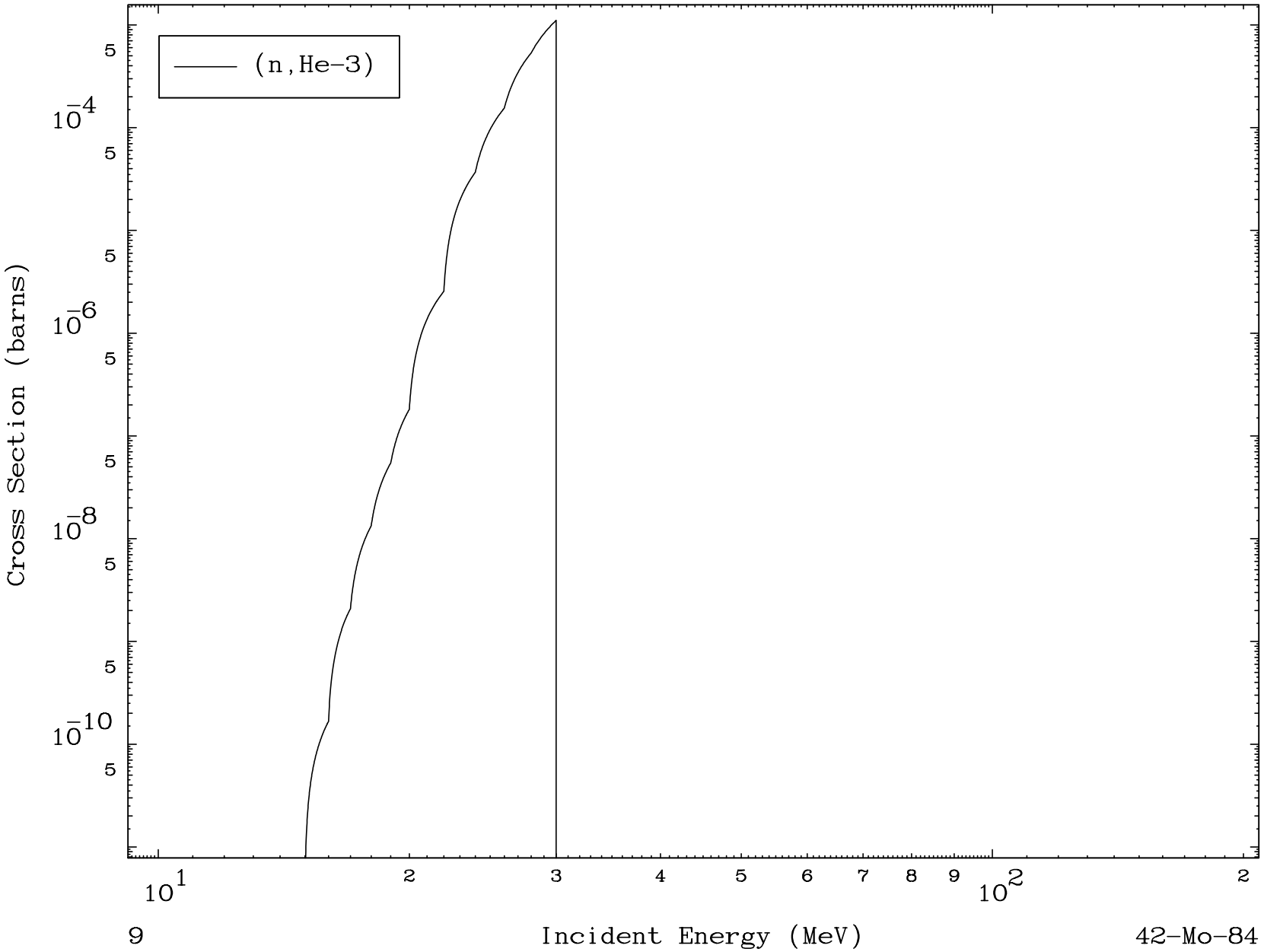

MAT 4201
α Charged Particle
0 Kelvin Cross Sections
42-Mo-84
(n,n') α
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
42-Mo-84

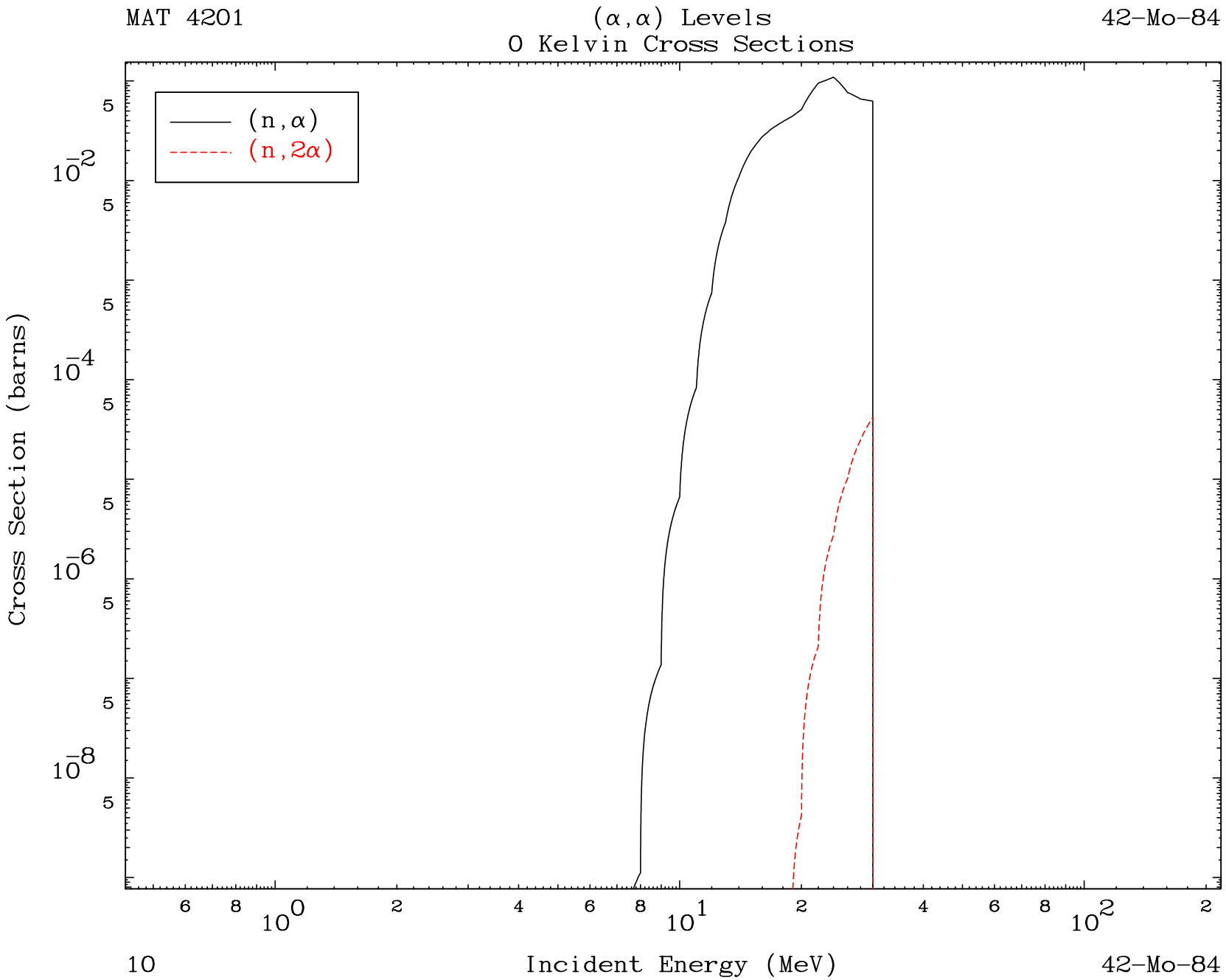

MAT 4201
(α,p) Levels
42-Mo-84
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
42-Mo-84


MAT 4201
(α,d) Levels
42-Mo-84
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
42-Mo-84


MAT 4201
(α,t) Levels
42-Mo-84
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
42-Mo-84

0 Kelvin Cross Sections




MAT 4201
(α,α) Levels
42-Mo-84
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10⁻²
10⁻⁴
10⁻⁶
10⁻⁸
10⁰
10¹
10²
Incident Energy (MeV)
10
42-Mo-84