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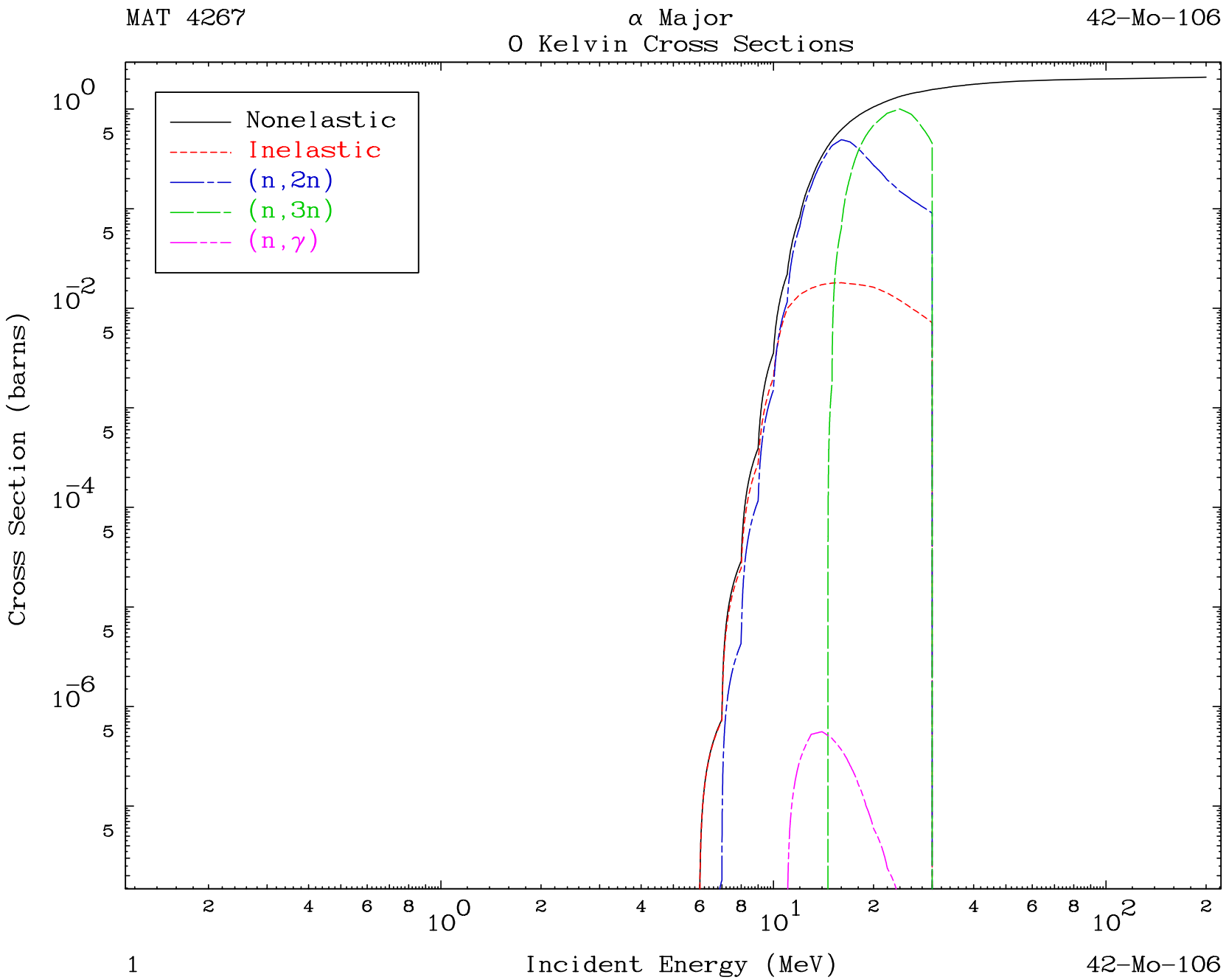
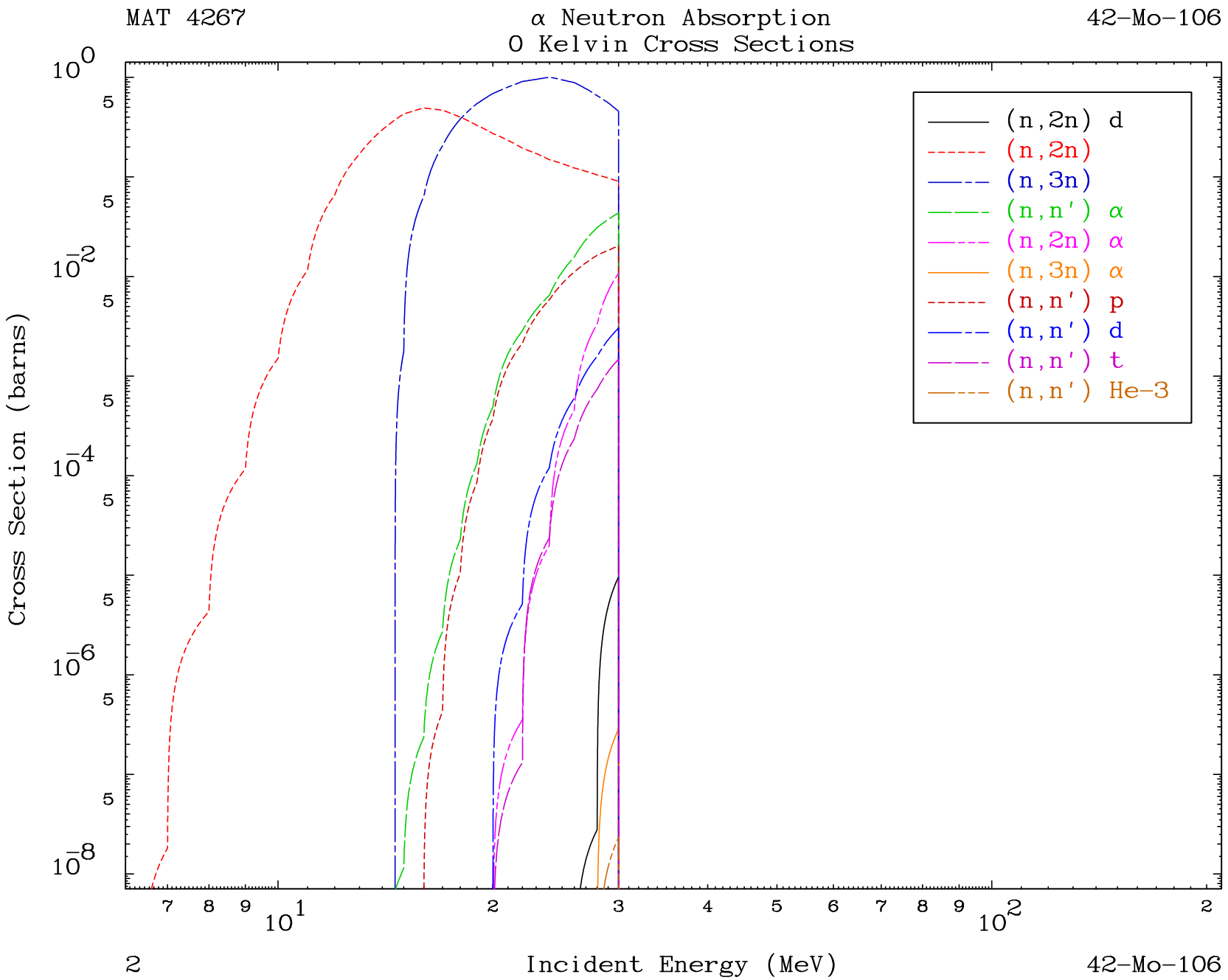
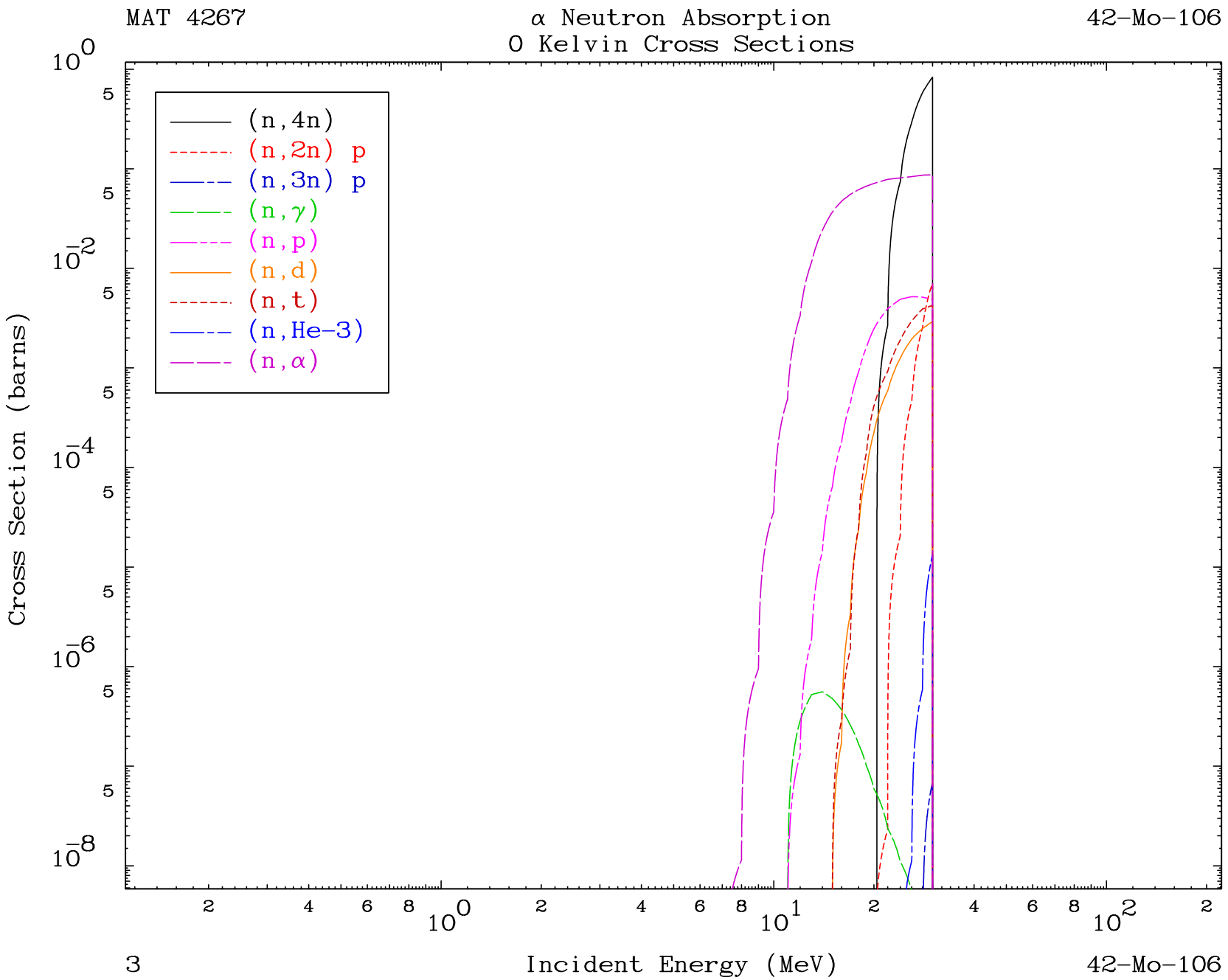
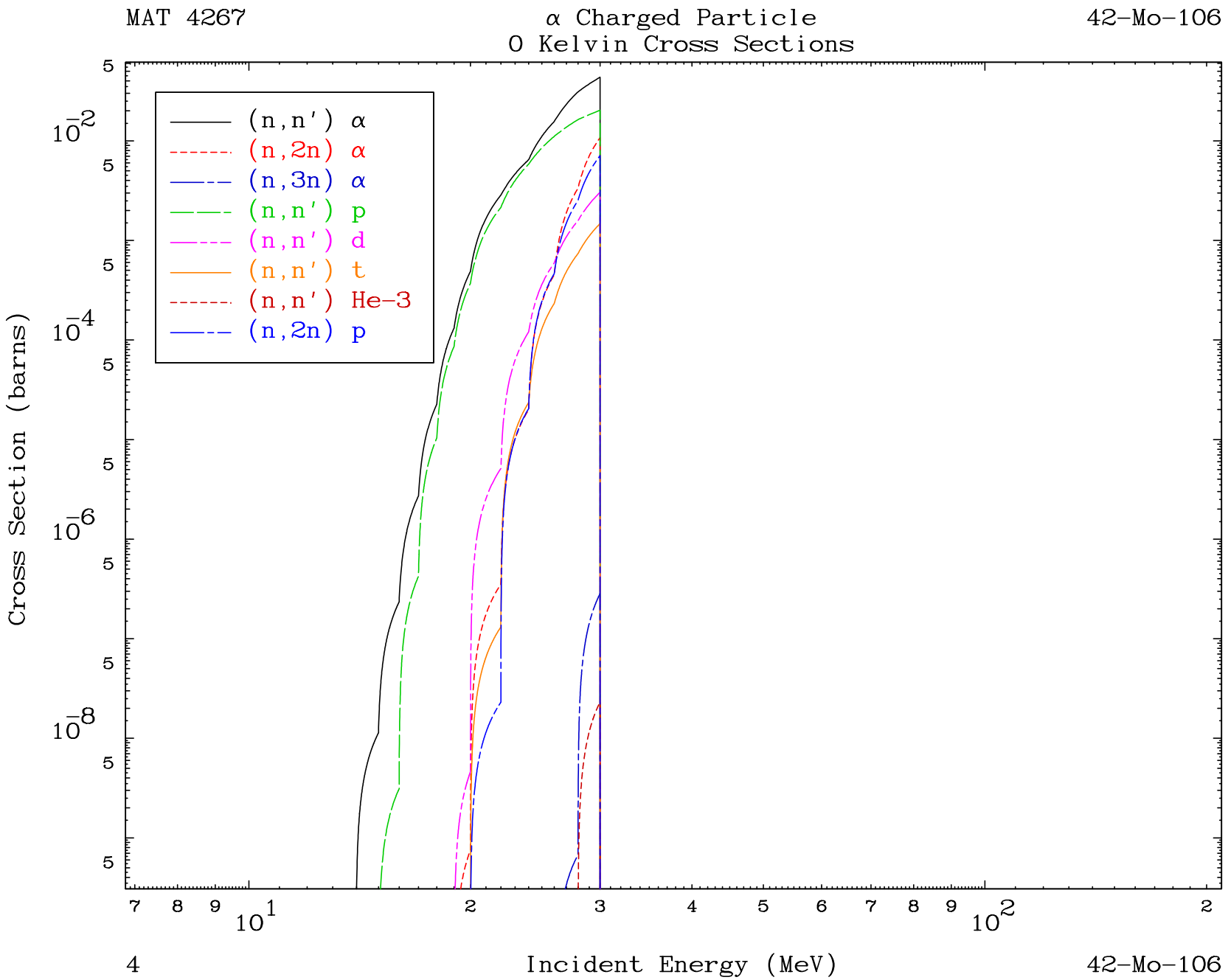
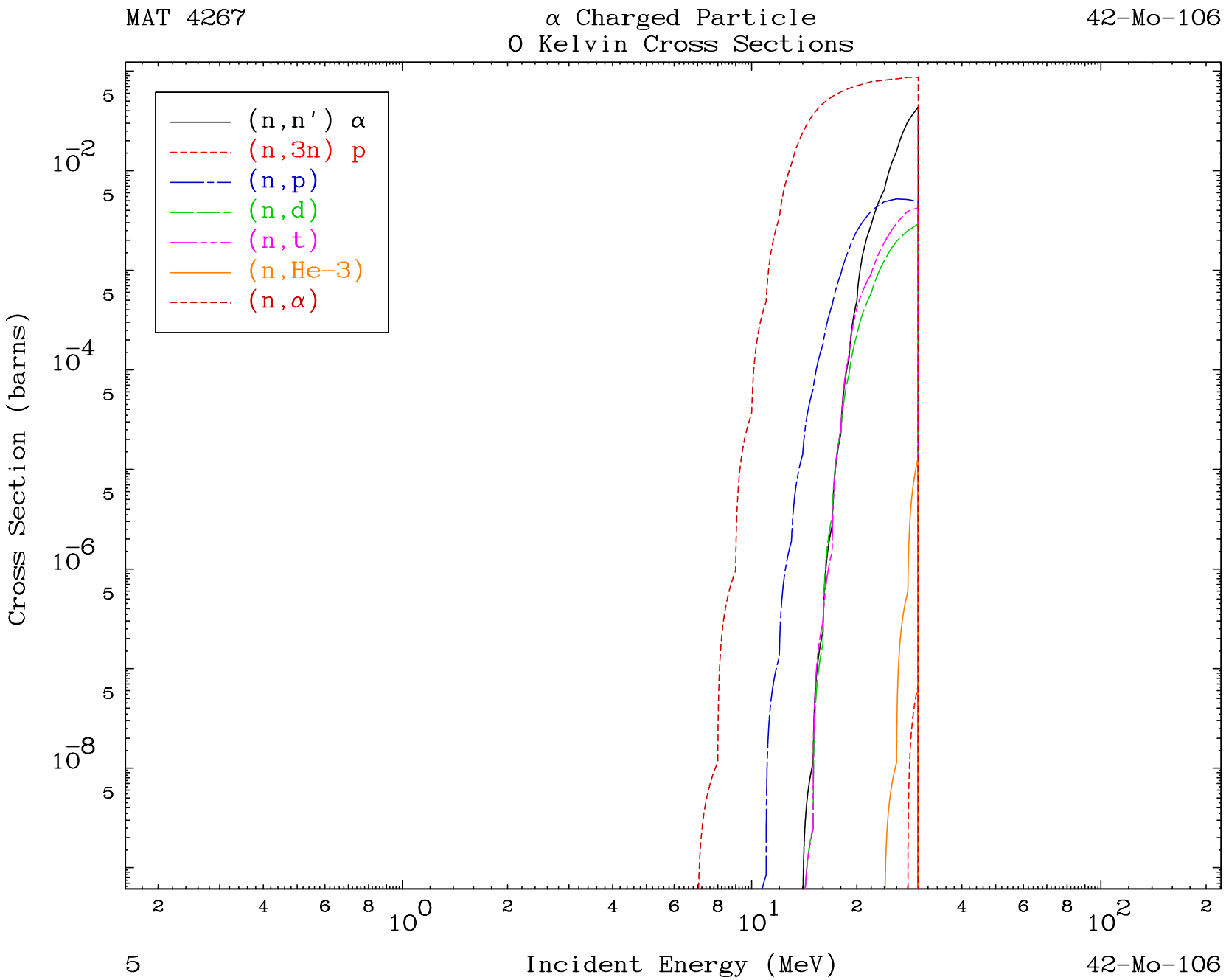
Press Mouse Button to Start

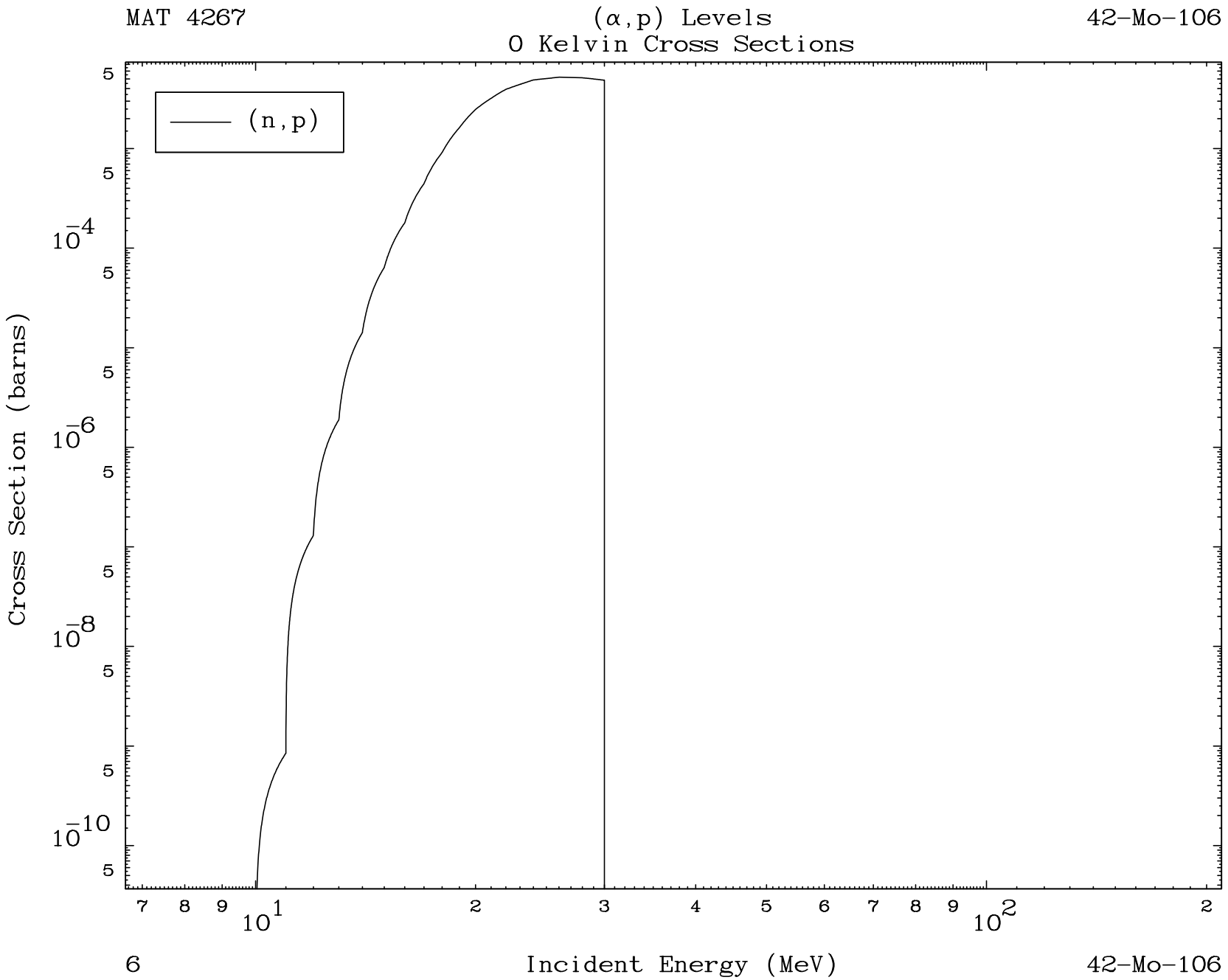

MAT 4267
α Major
42-Mo-106
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-106
1

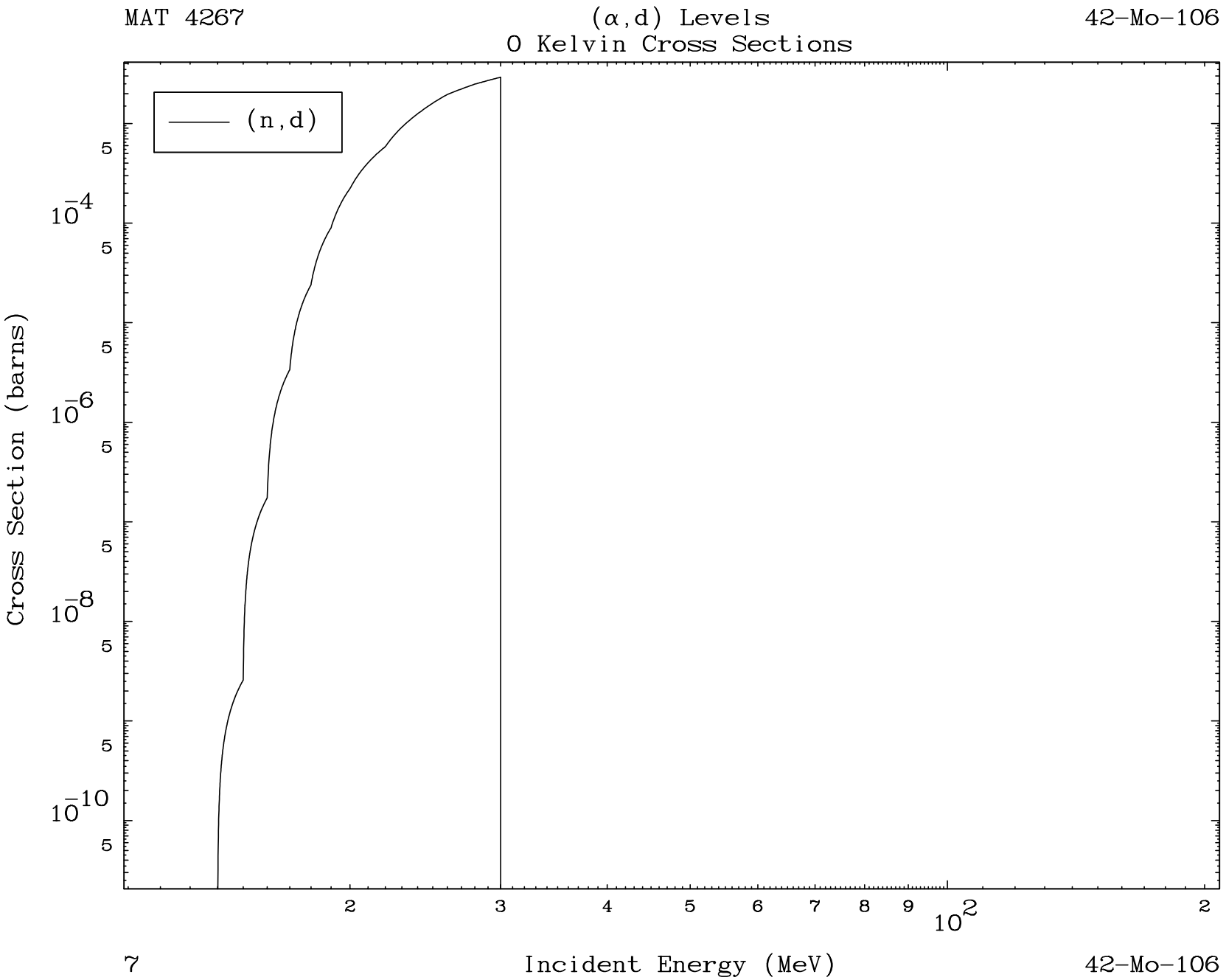

MAT 4267
α Neutron Absorption
0 Kelvin Cross Sections
42-Mo-106
Cross Section (barns)
Incident Energy (MeV)
42-Mo-106
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3

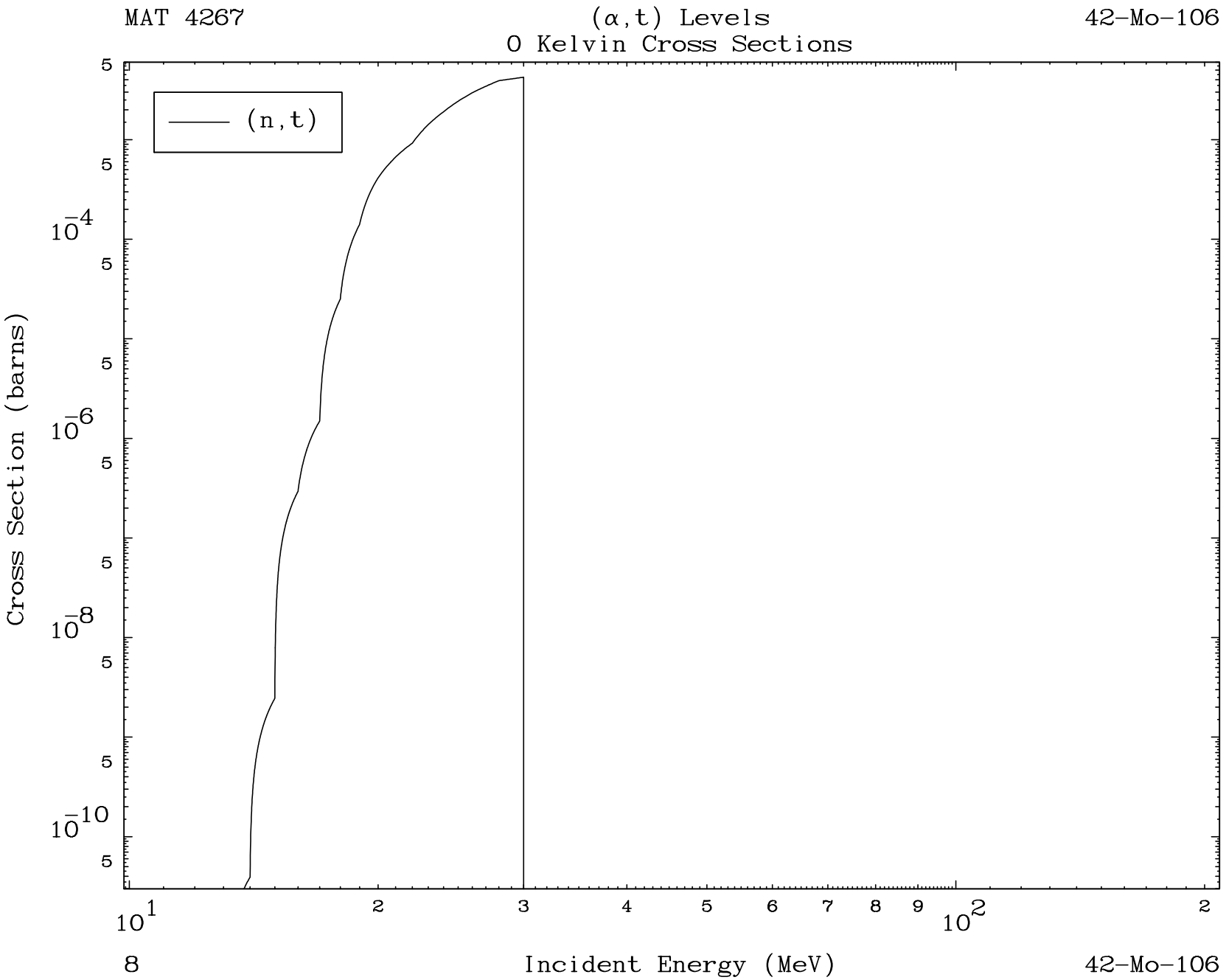

MAT 4267
α Neutron Absorption
0 Kelvin Cross Sections
42-Mo-106
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-106

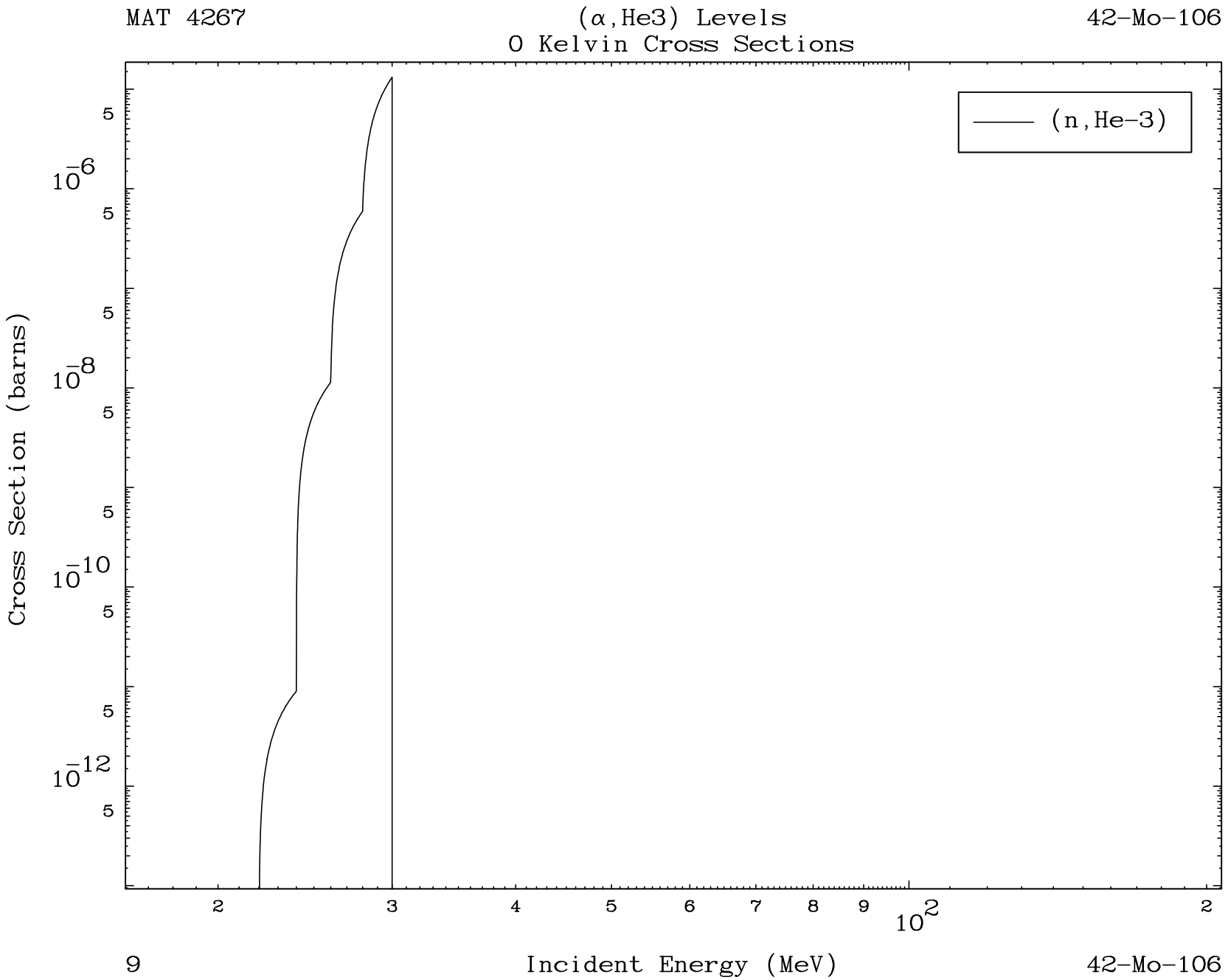

MAT 4267
α Charged Particle
0 Kelvin Cross Sections
42-Mo-106
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
42-Mo-106
4

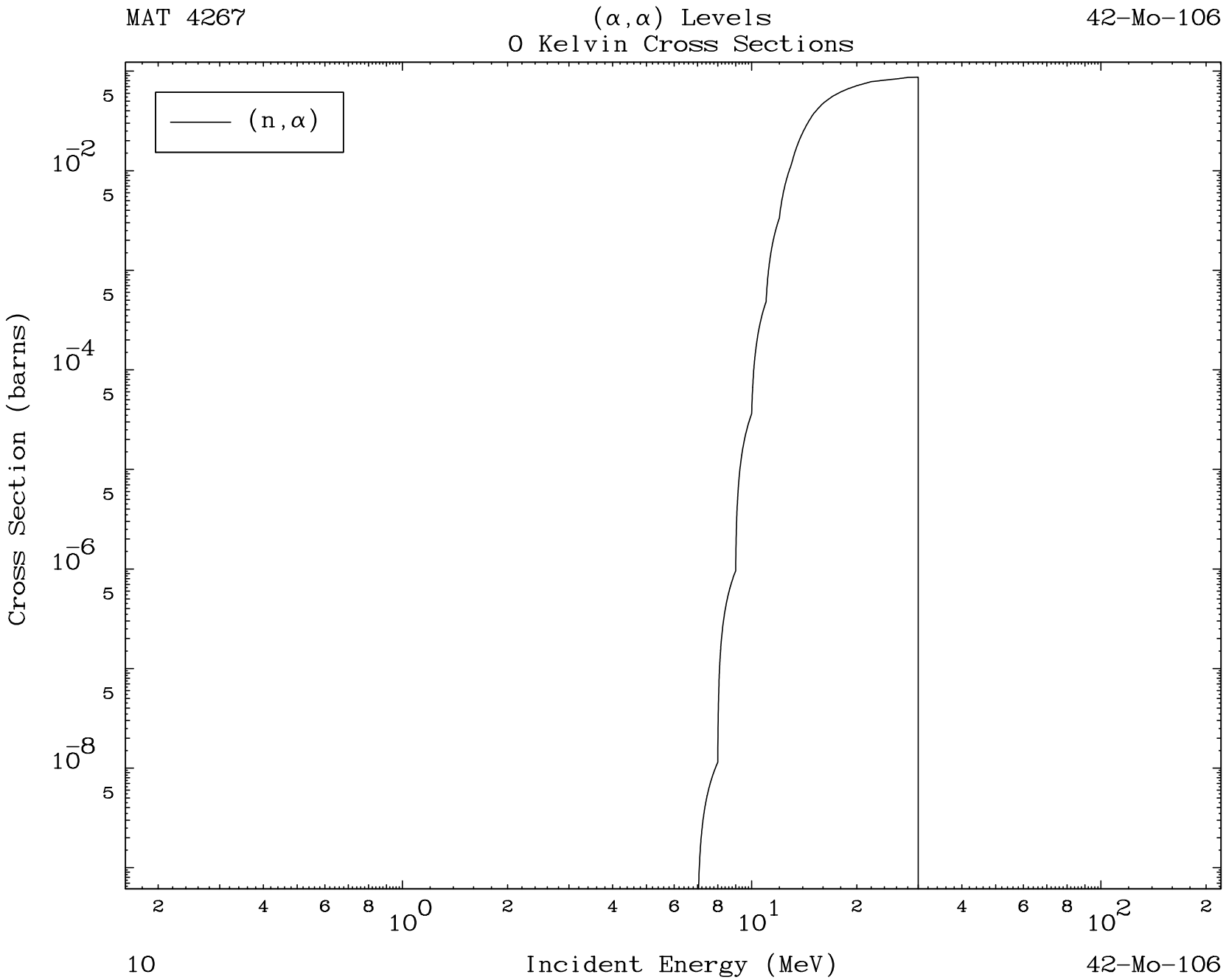

MAT 4267
α Charged Particle
0 Kelvin Cross Sections
42-Mo-106
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-106
5


MAT 4267
(α,p) Levels
42-Mo-106
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
42-Mo-106


MAT 4267
(α,d) Levels
42-Mo-106
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
42-Mo-106


MAT 4267
(α,t) Levels
42-Mo-106
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-106
8


MAT 4267
(α,He3) Levels
42-Mo-106
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
42-Mo-106


MAT 4267
(α,α) Levels
42-Mo-106
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
42-Mo-106