Program EVALPLOT
(Version 2018-1)
by
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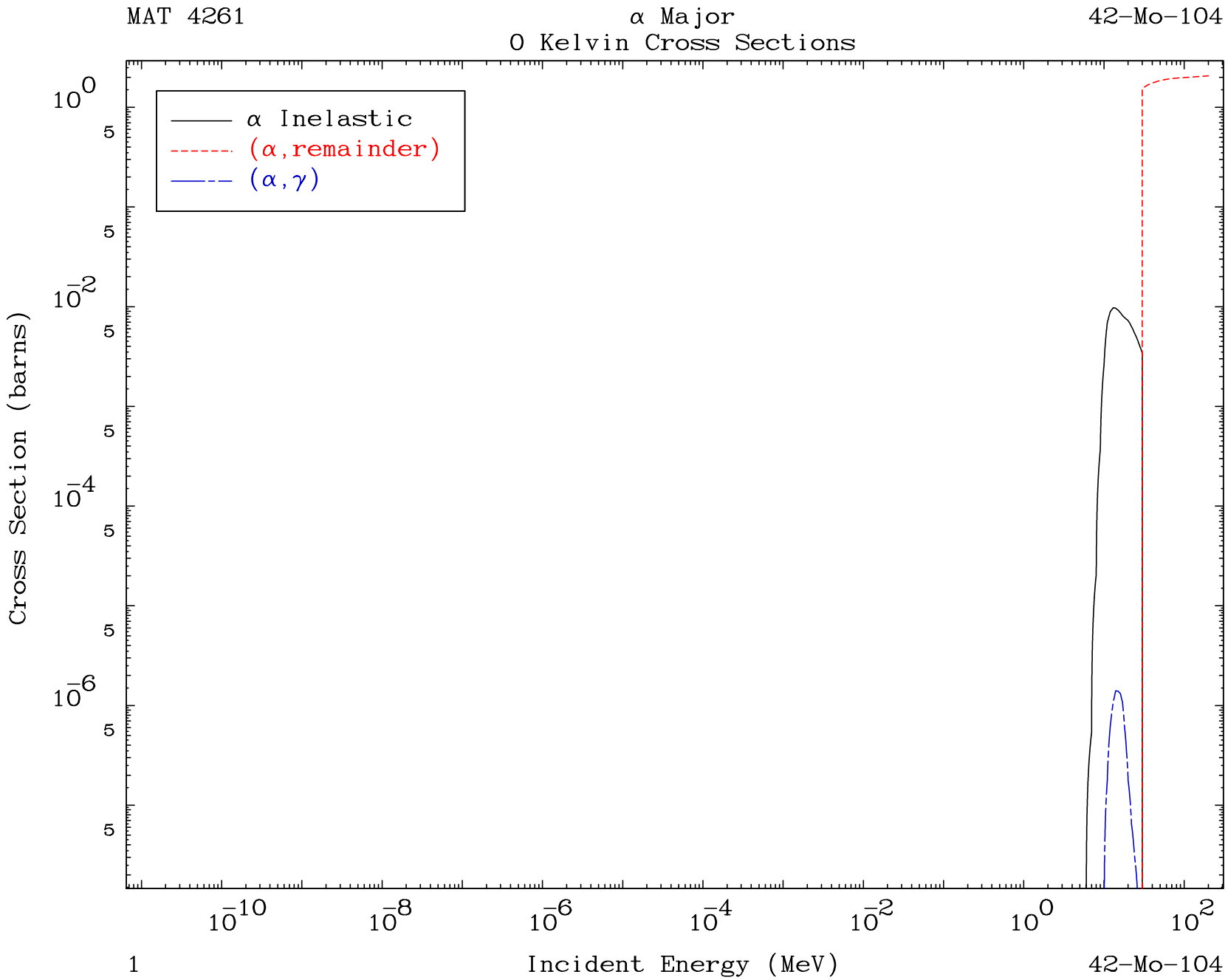
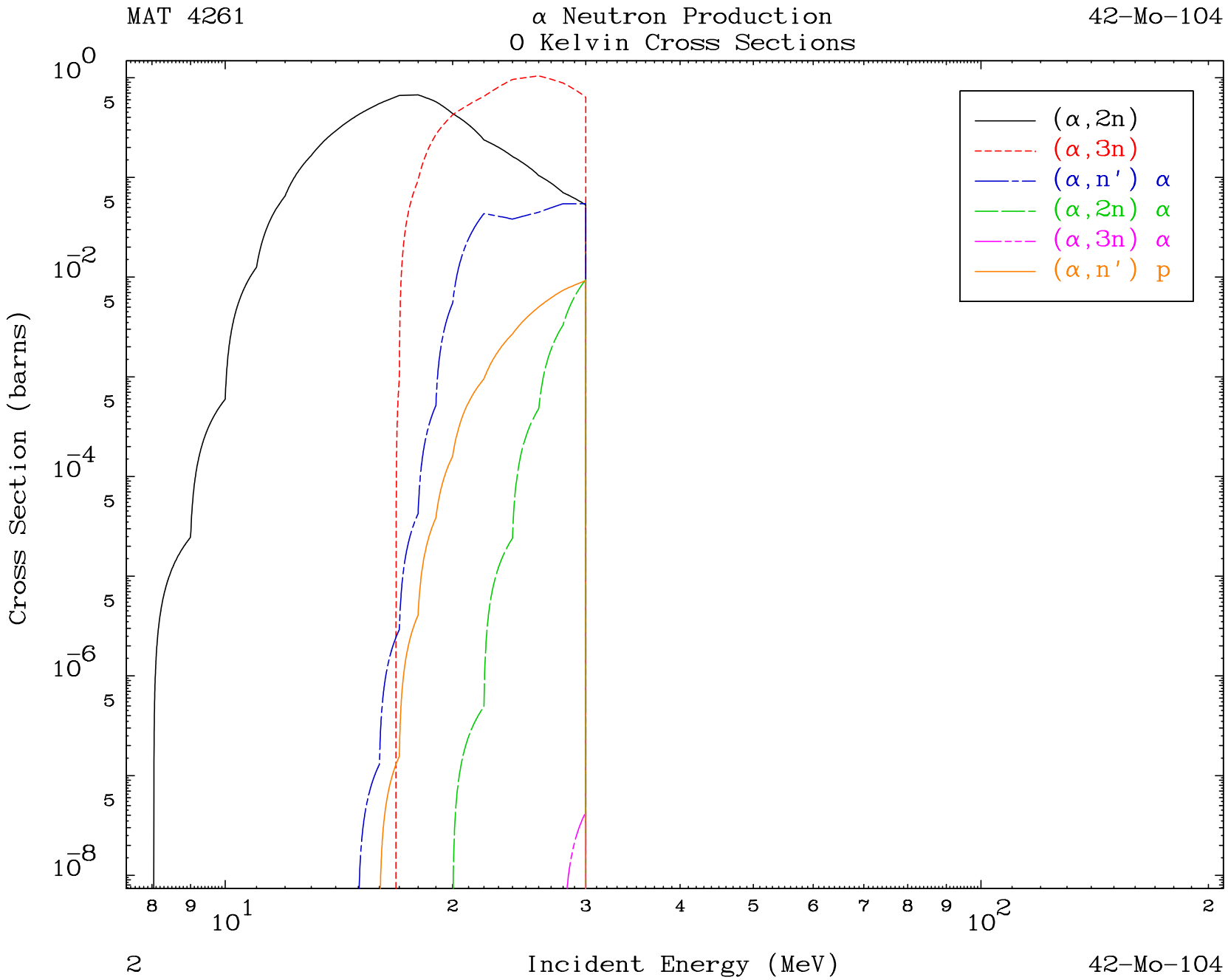
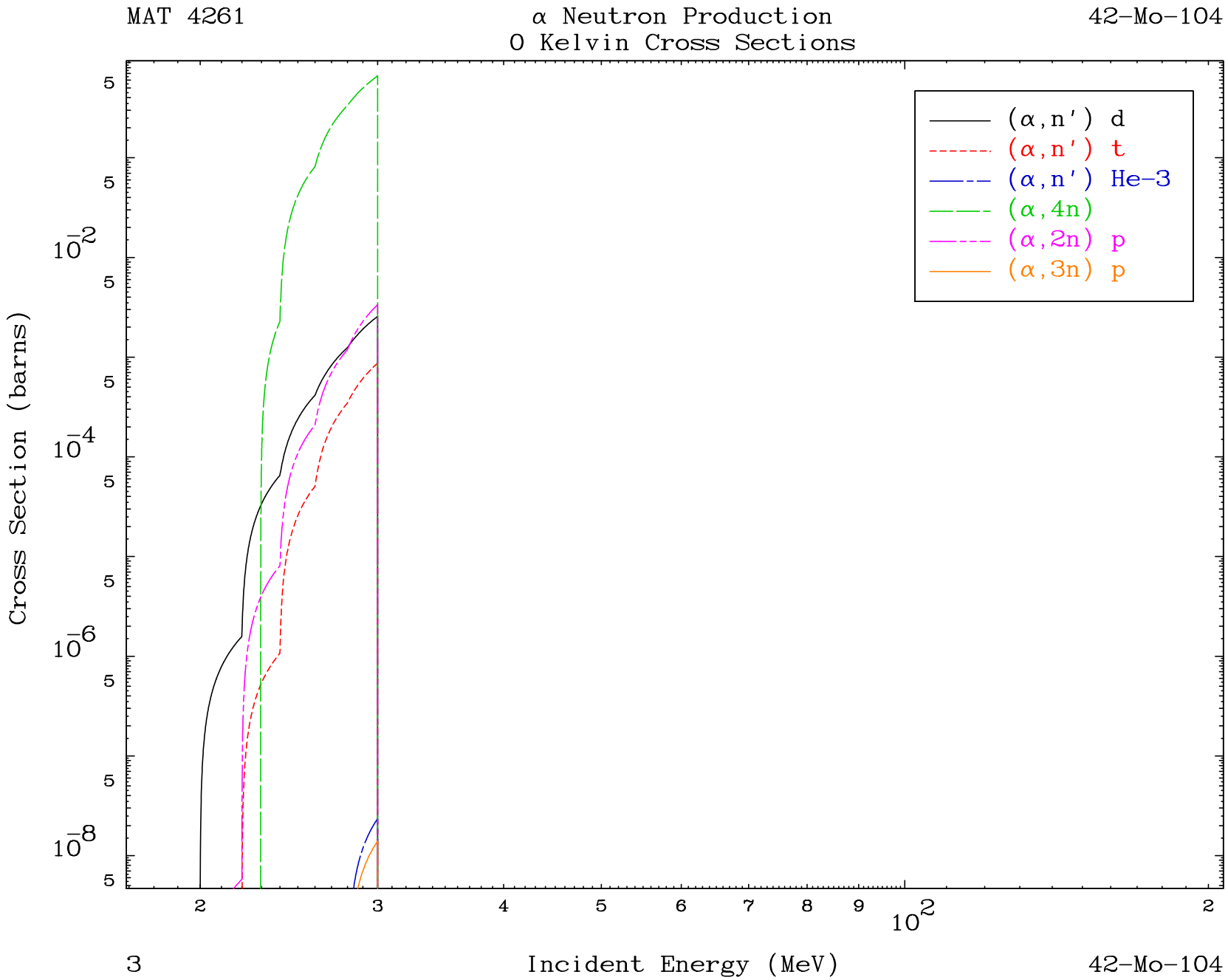
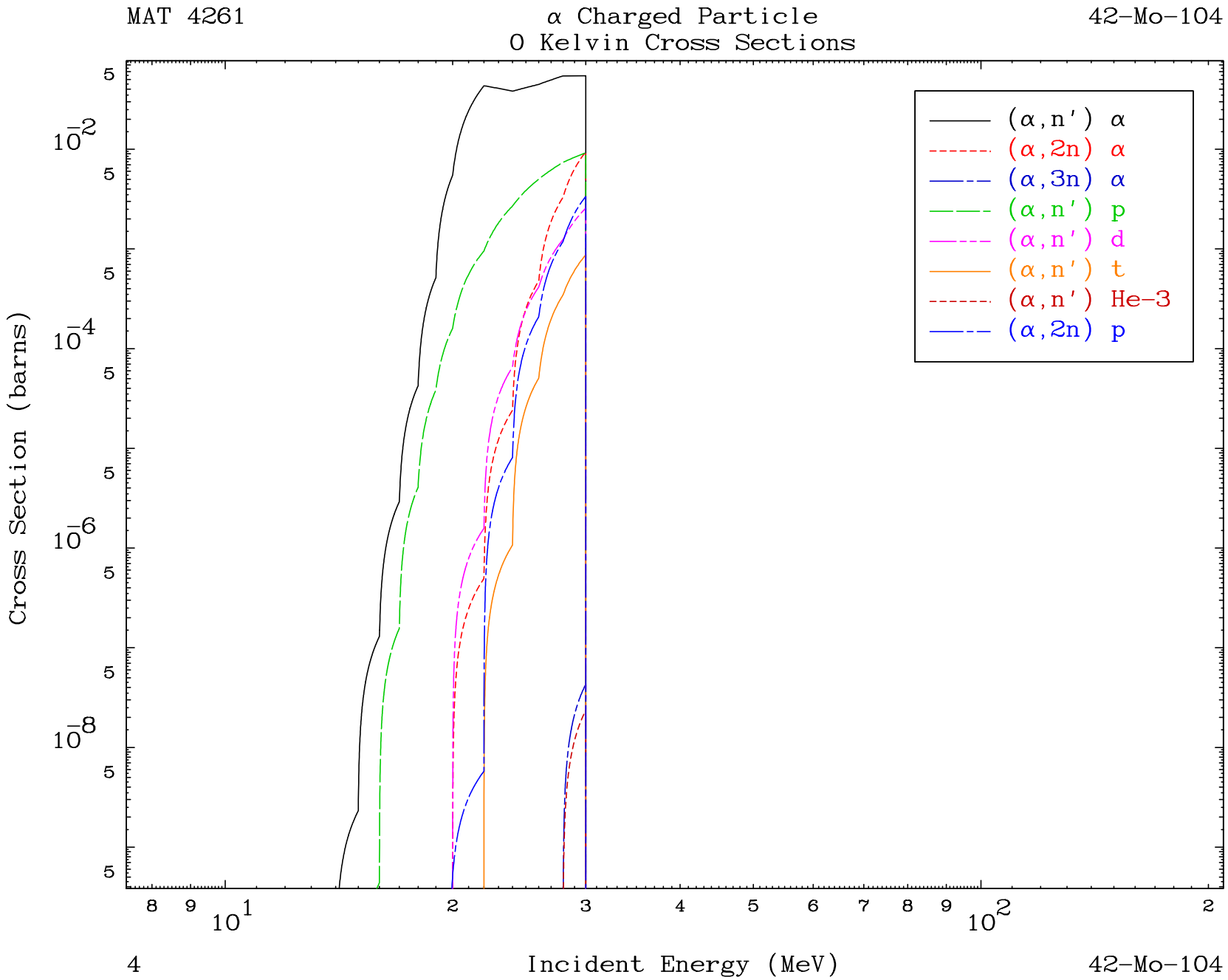
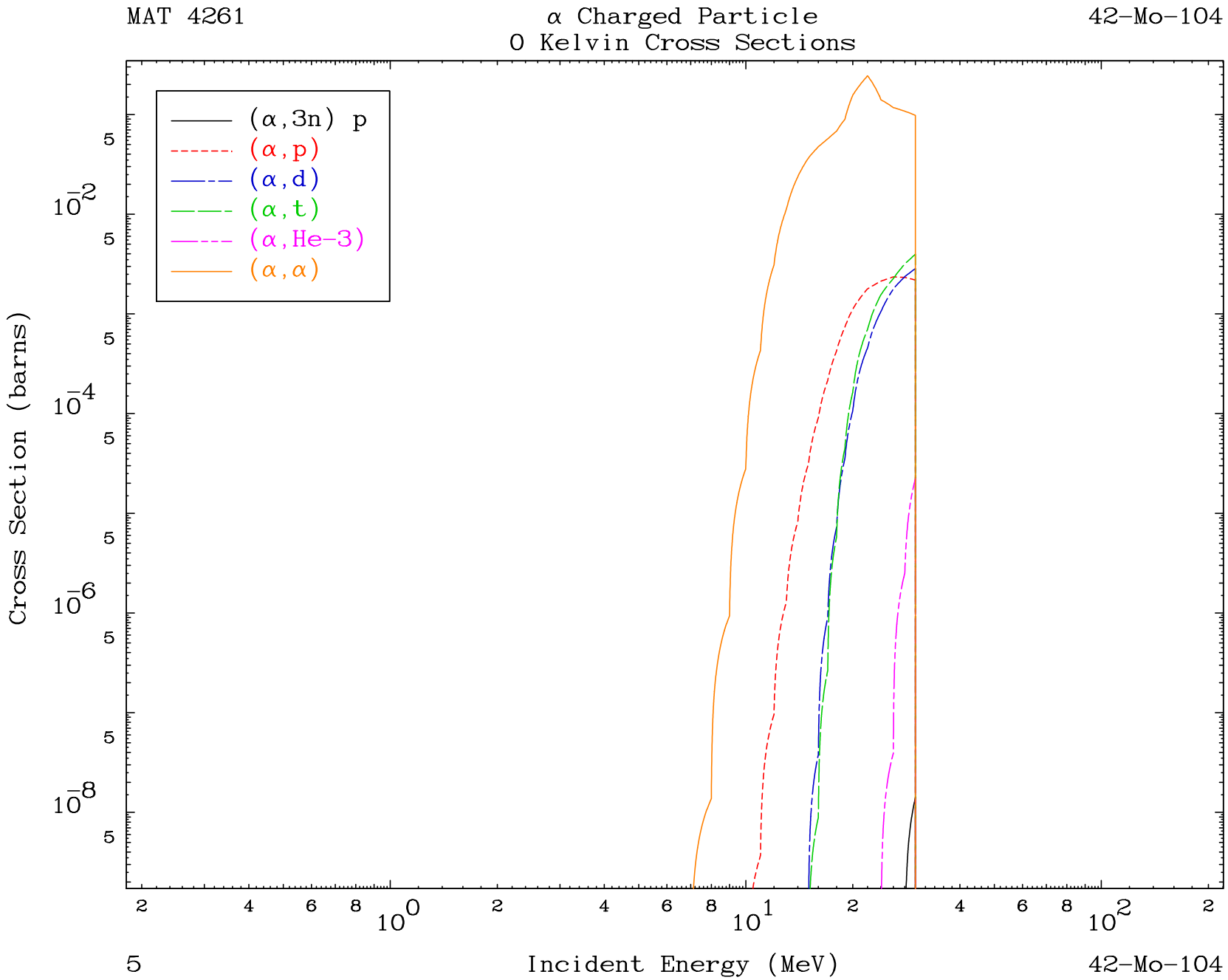
Press Mouse Button to Start

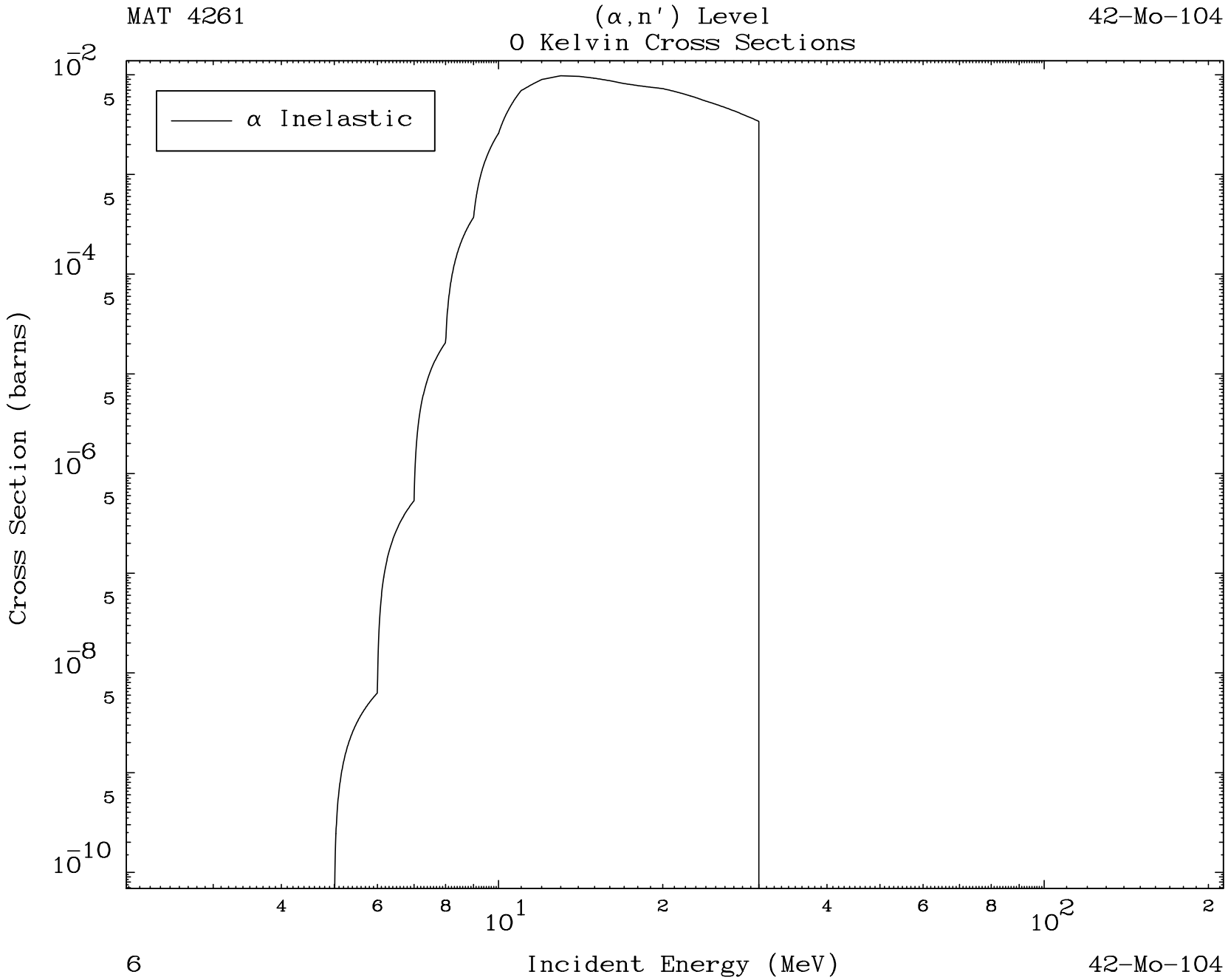

MAT 4261
α Major
42-Mo-104
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
42-Mo-104

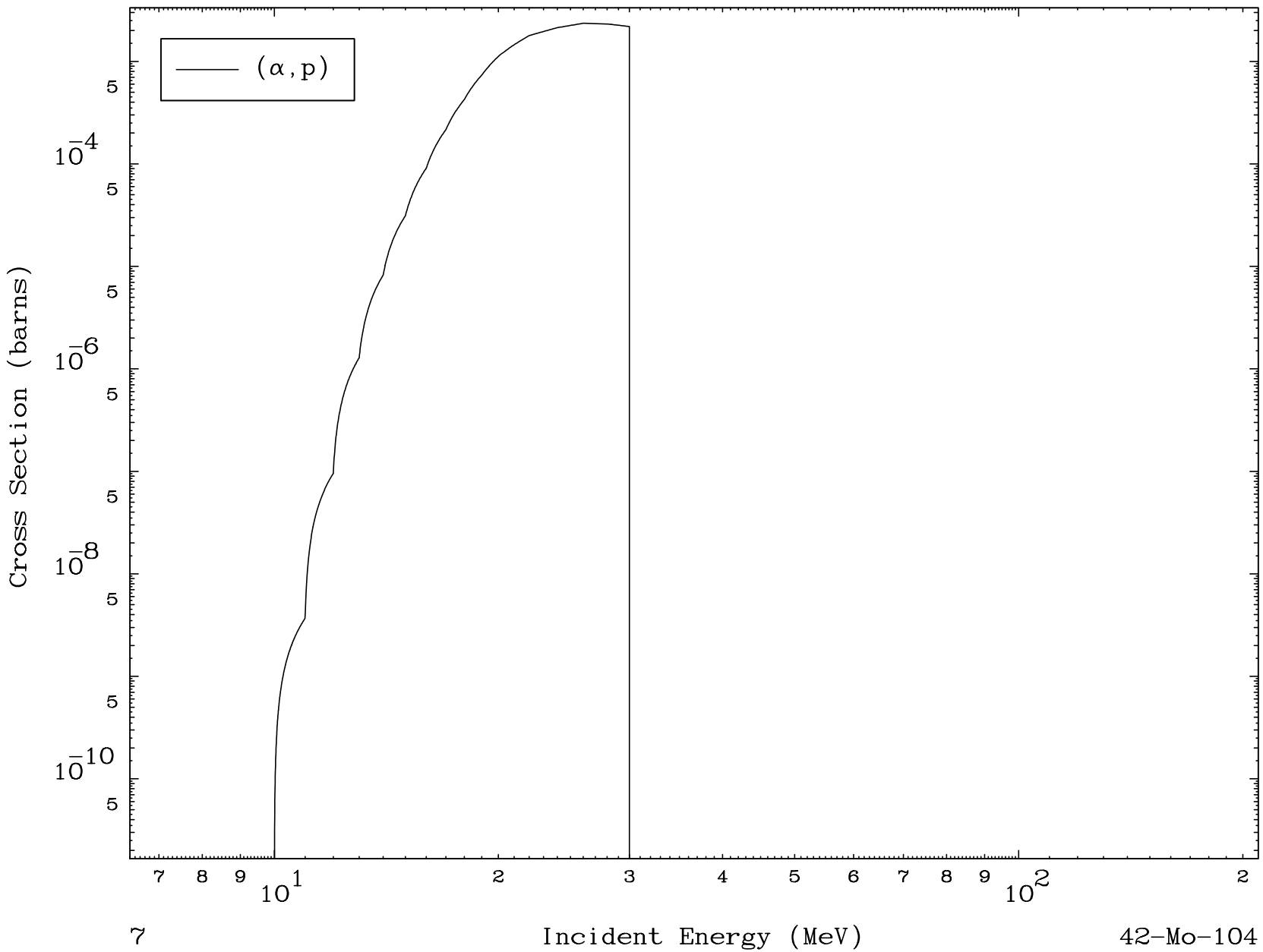

MAT 4261
α Neutron Production
0 Kelvin Cross Sections
42-Mo-104
Cross Section (barns)
Incident Energy (MeV)
42-Mo-104
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p


MAT 4261
α Neutron Production
0 Kelvin Cross Sections
42-Mo-104
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-104

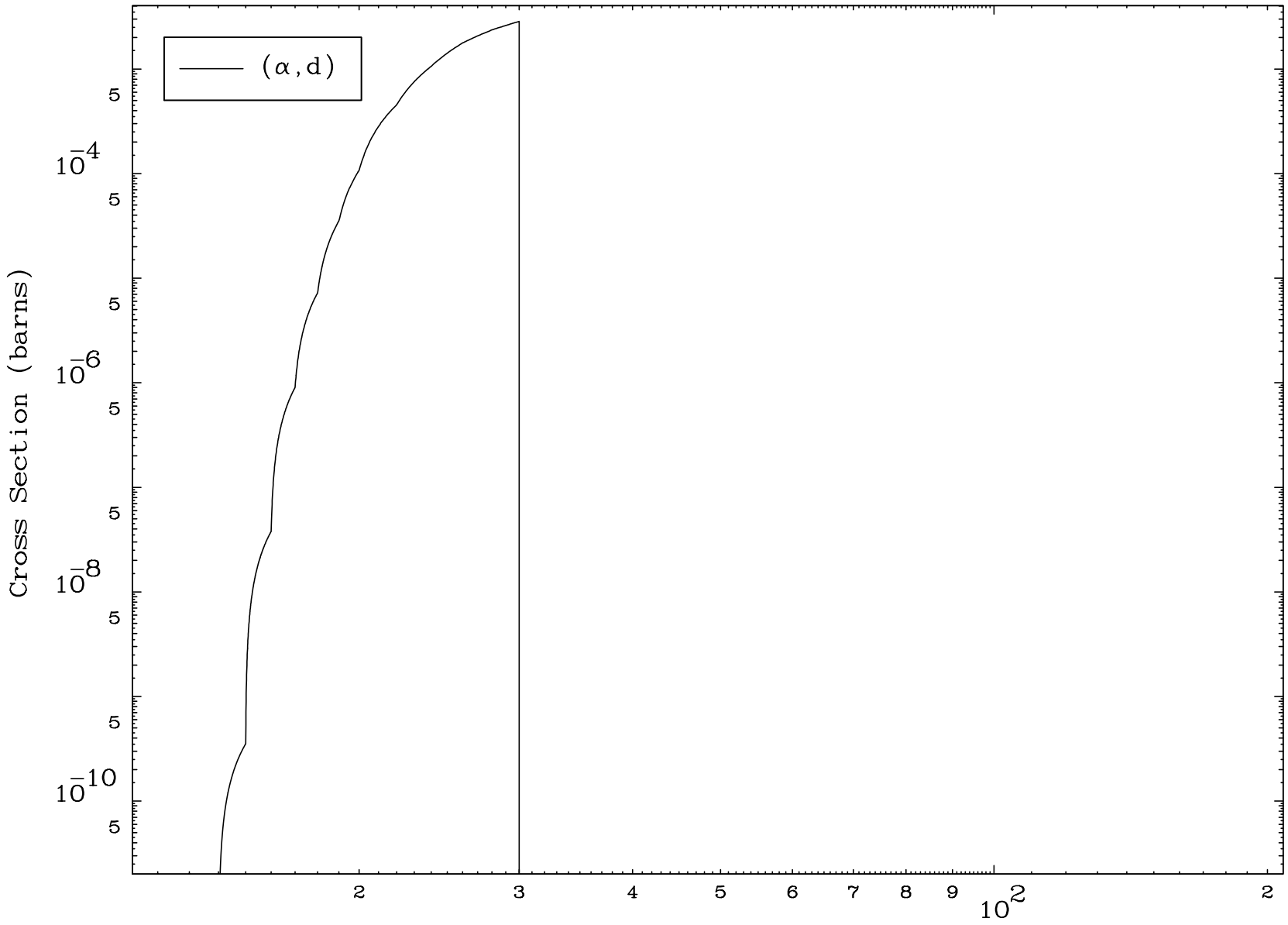

MAT 4261
α Charged Particle
0 Kelvin Cross Sections
42-Mo-104
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
4
42-Mo-104

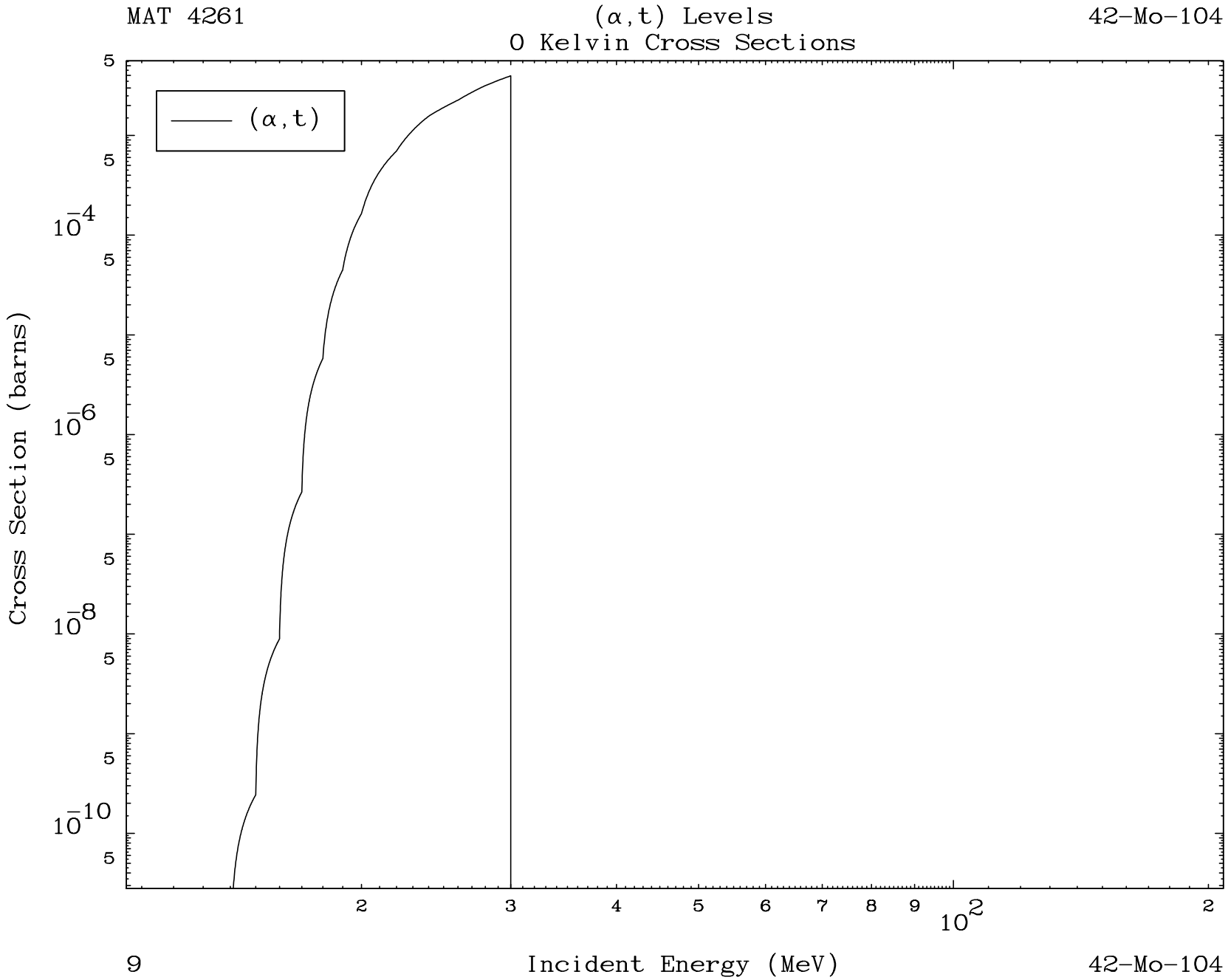

MAT 4261
α Charged Particle
0 Kelvin Cross Sections
42-Mo-104
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-104

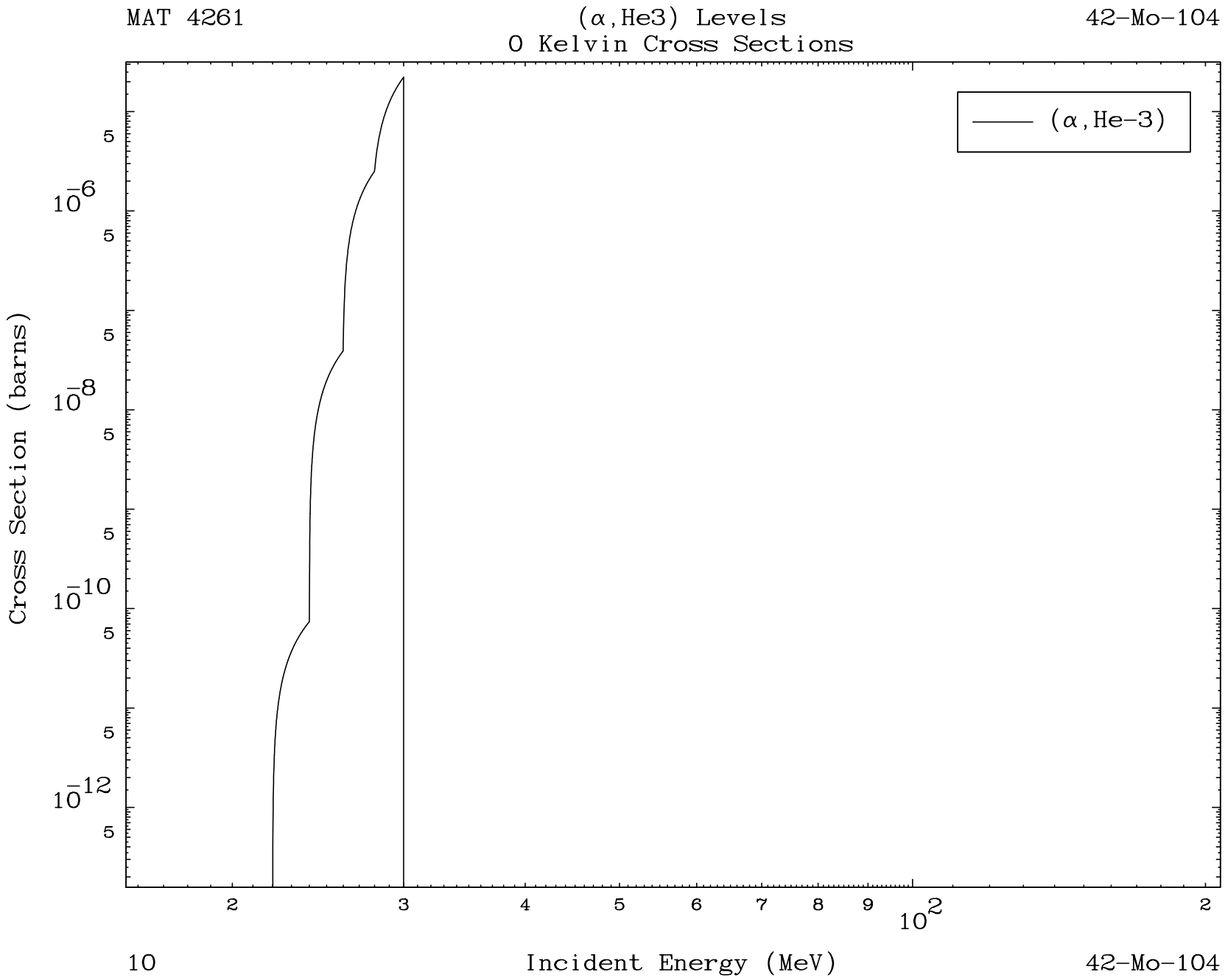

MAT 4261
(α,n') Level
42-Mo-104
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
5
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
6
42-Mo-104

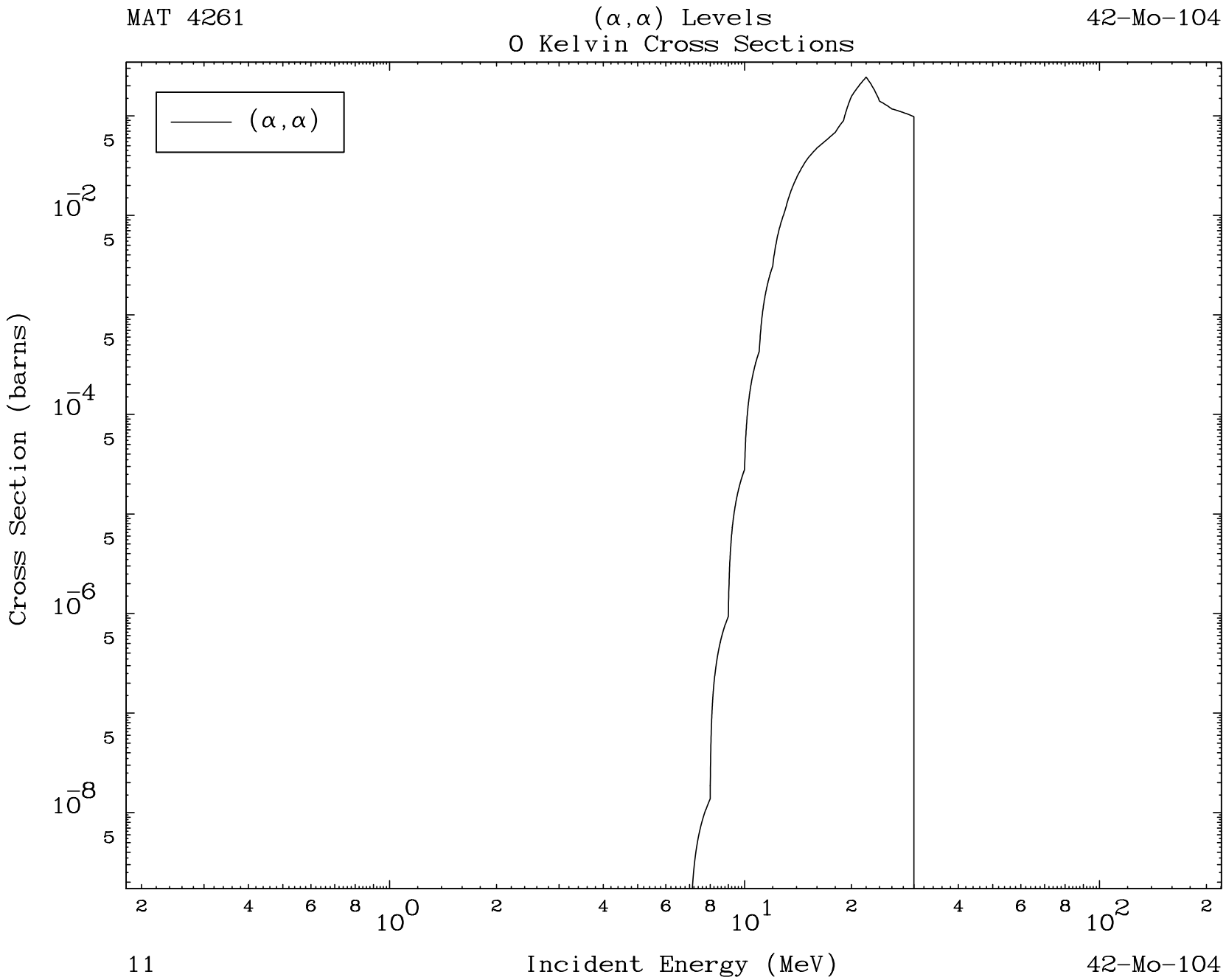

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

0 Kelvin Cross Sections




MAT 4261
(α,t) Levels
42-Mo-104
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^2
9
42-Mo-104


MAT 4261
(α,He3) Levels
42-Mo-104
0 Kelvin Cross Sections
(α,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
10
Incident Energy (MeV)
42-Mo-104


MAT 4261
(α,α) Levels
42-Mo-104
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
11
42-Mo-104