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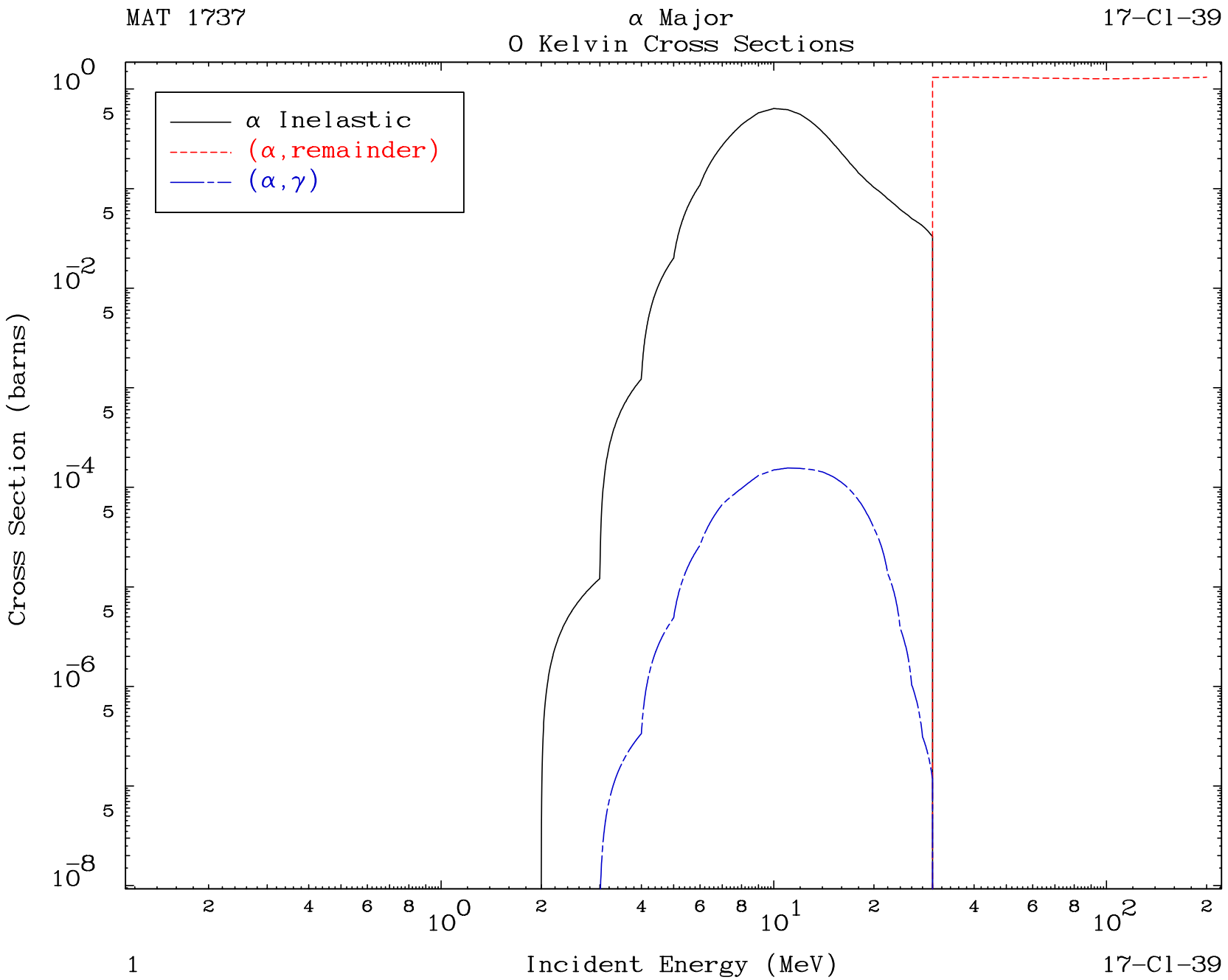
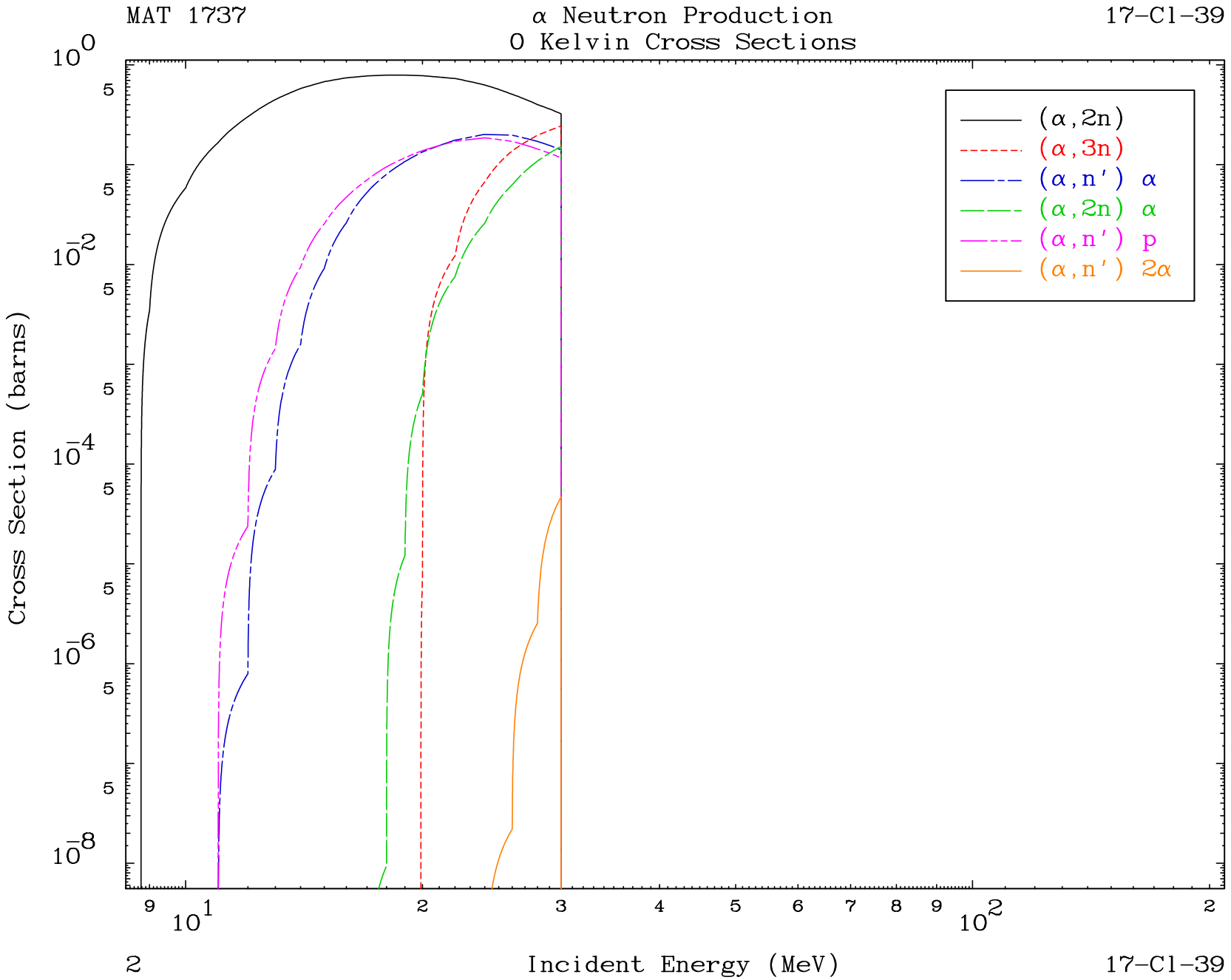
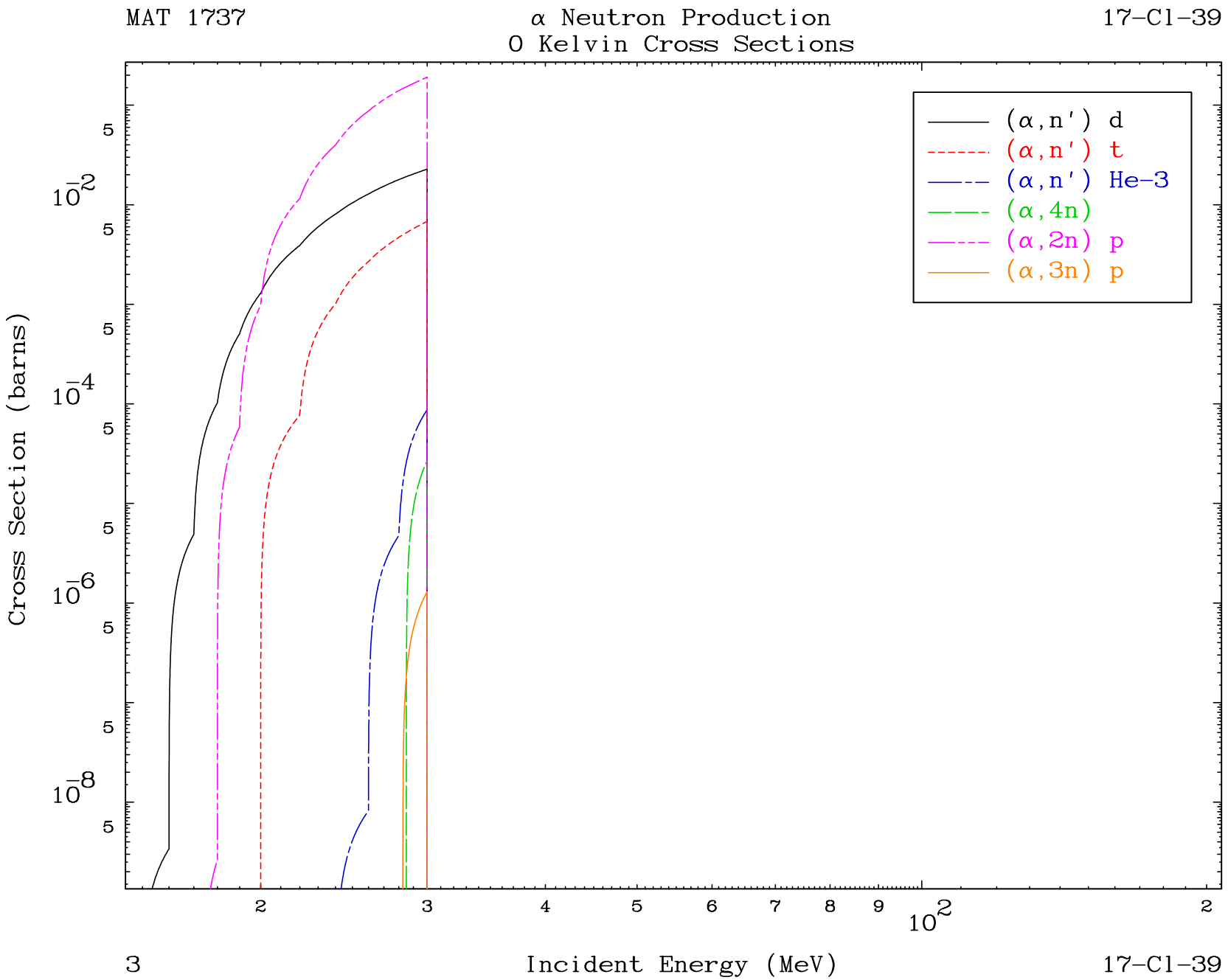
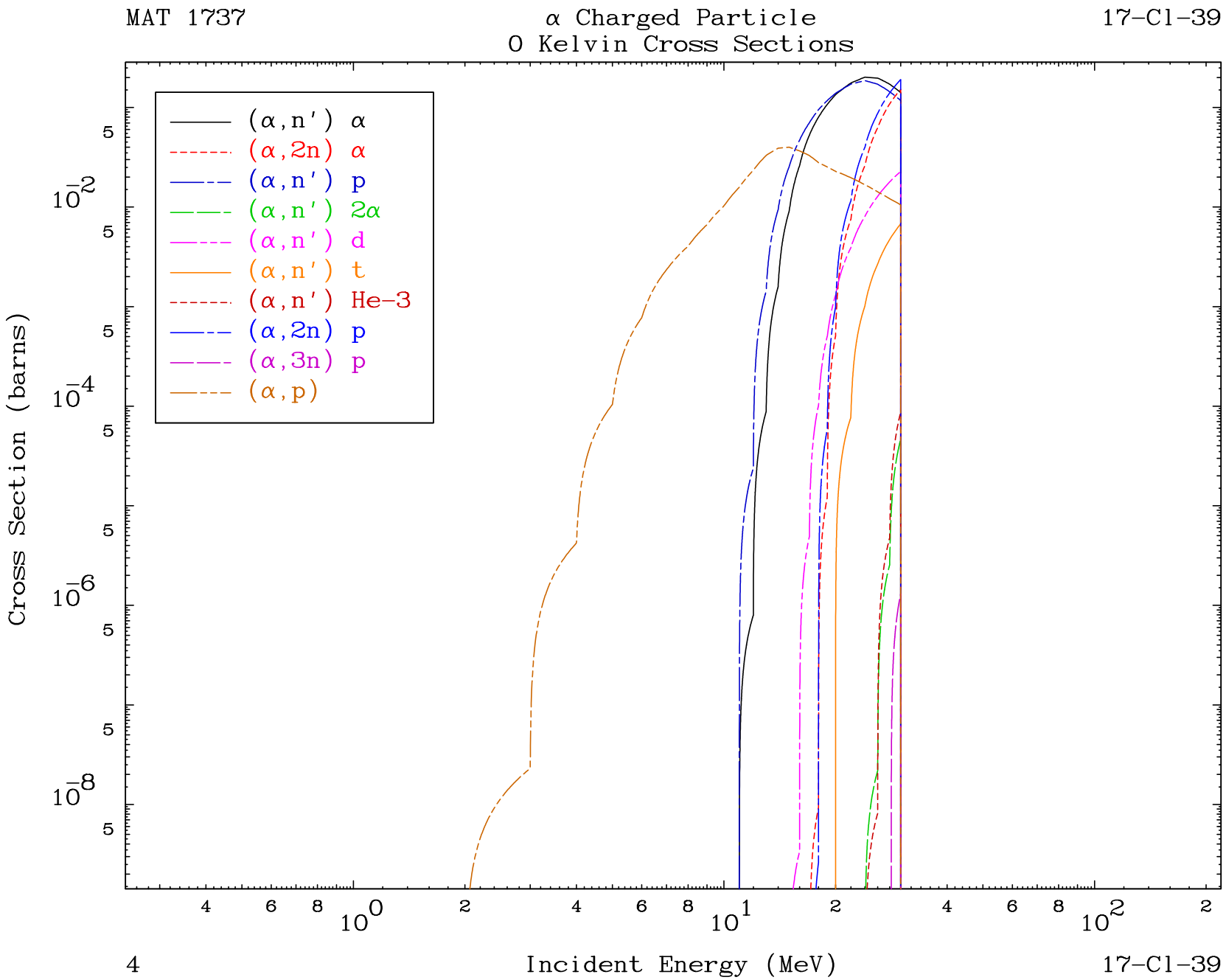
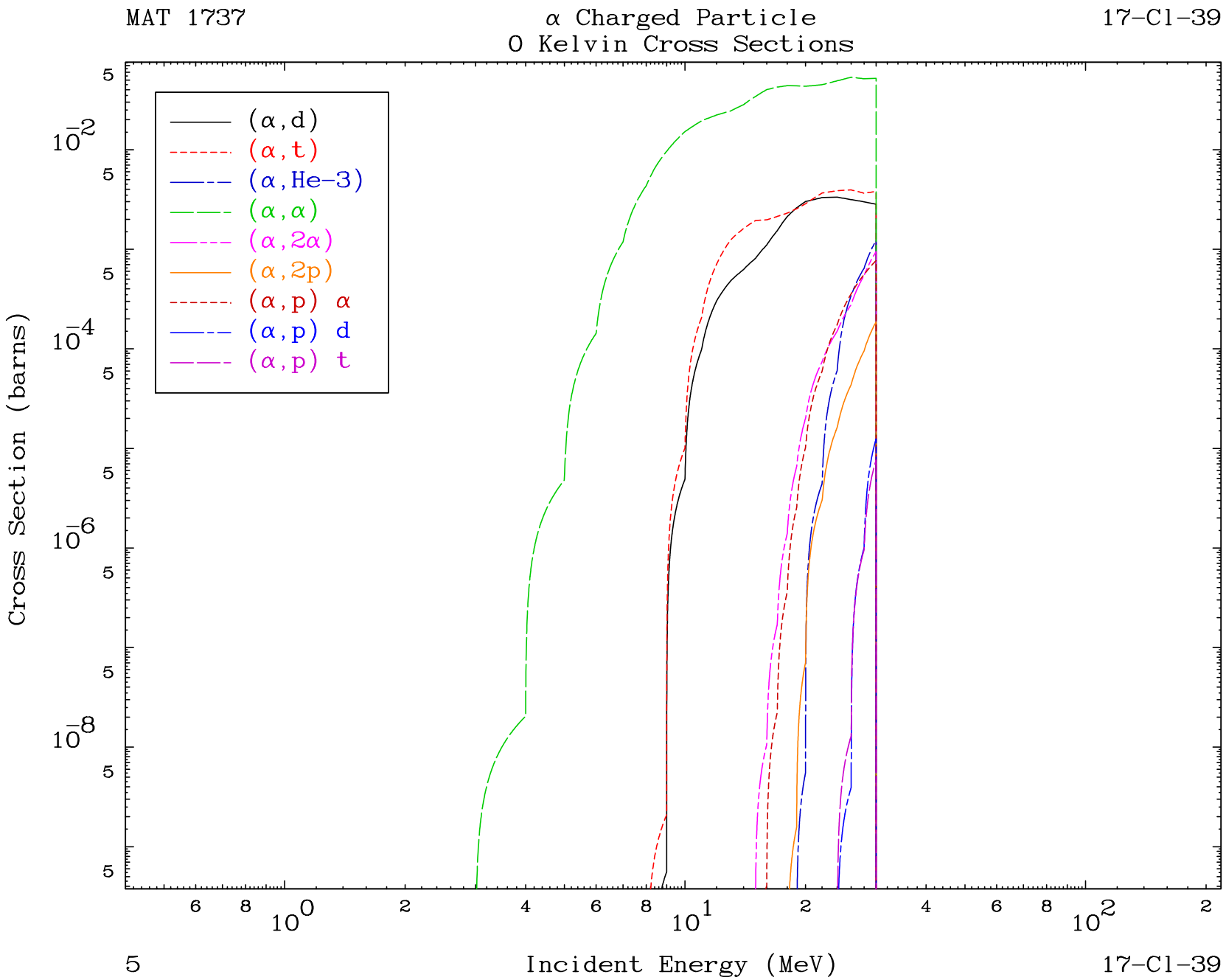
Press Mouse Button to Start

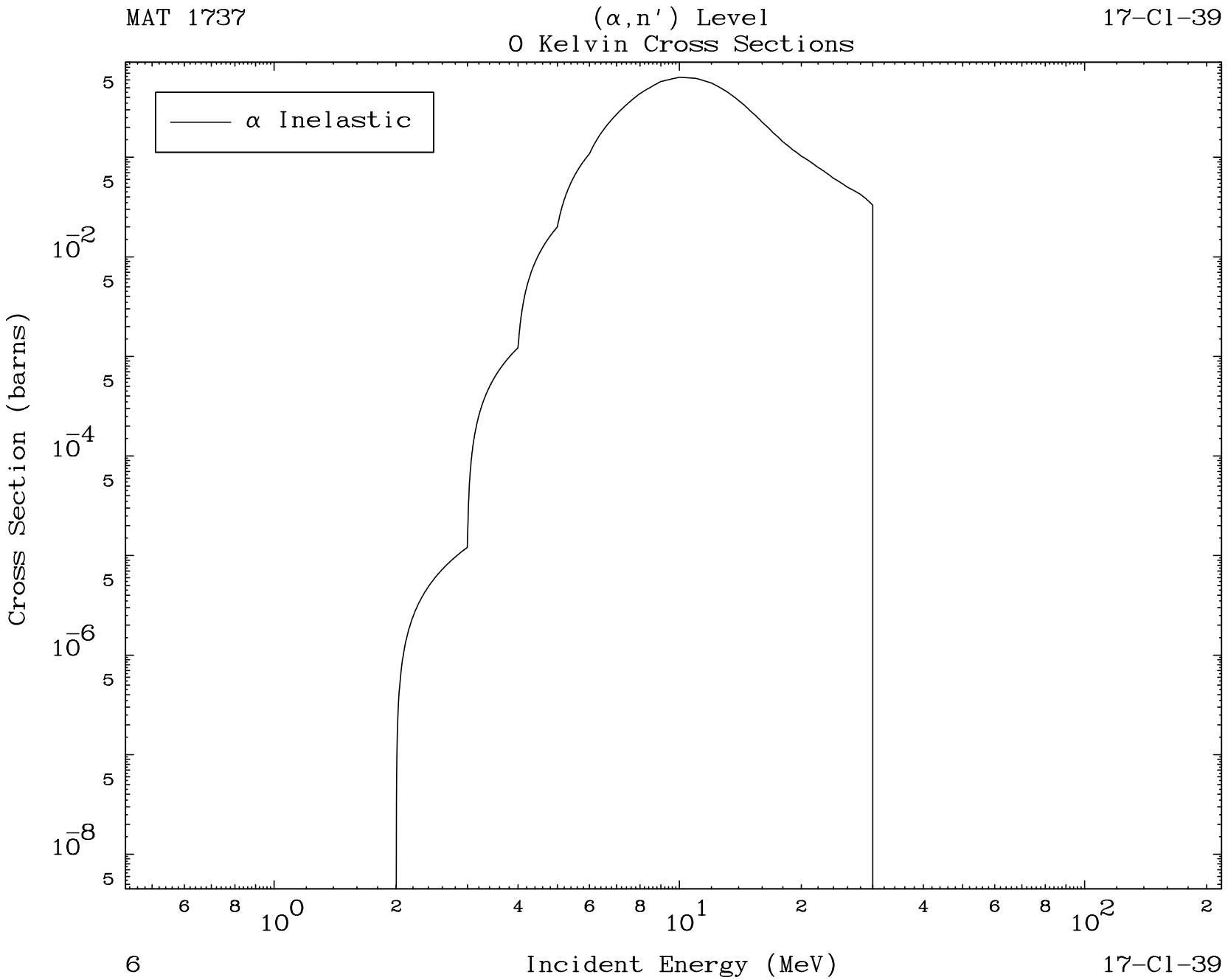

MAT 1737
α Major
17-Cl-39
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-39
1

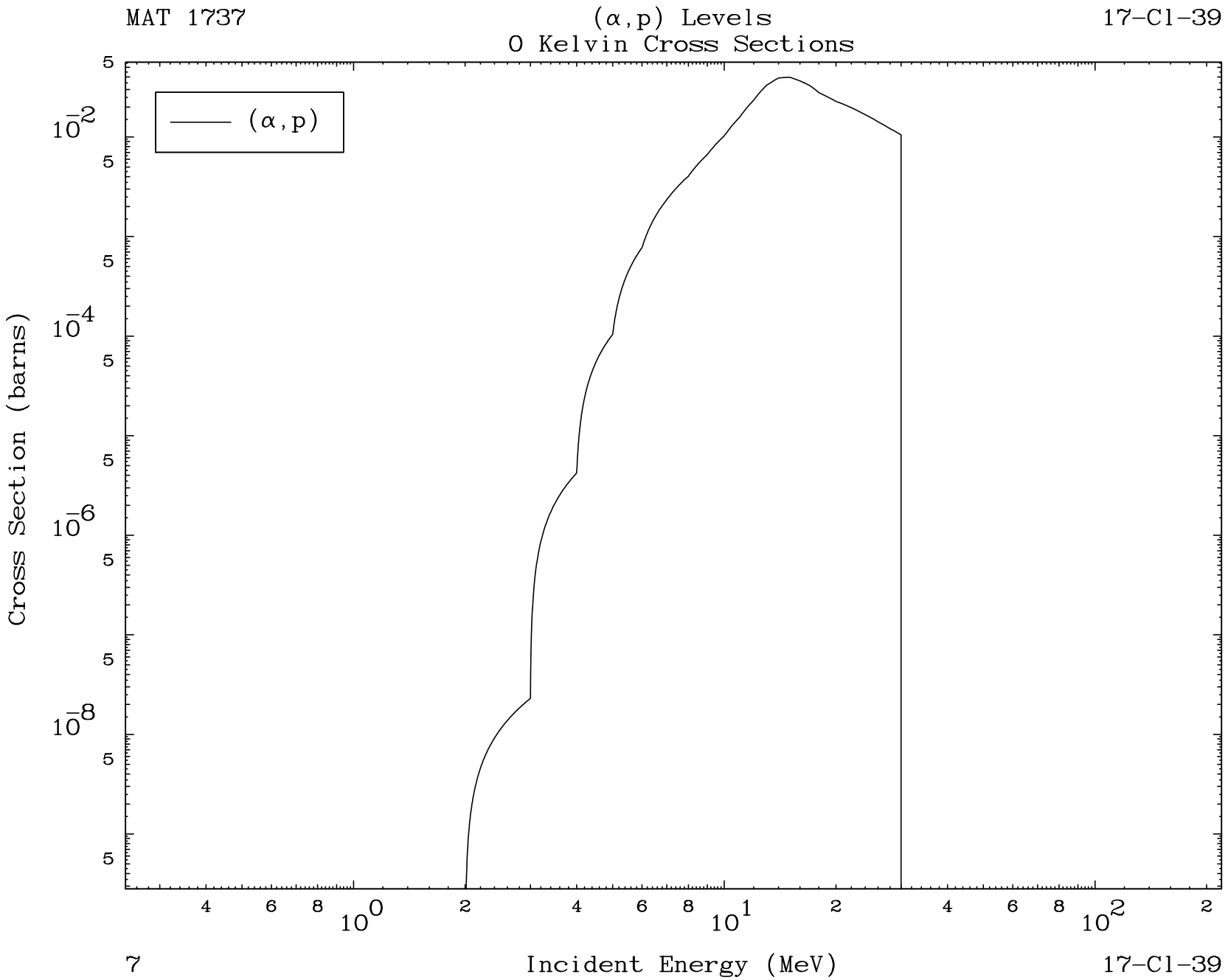

MAT 1737
α Neutron Production
0 Kelvin Cross Sections
17-Cl-39
Cross Section (barns)
Incident Energy (MeV)
17-Cl-39
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α

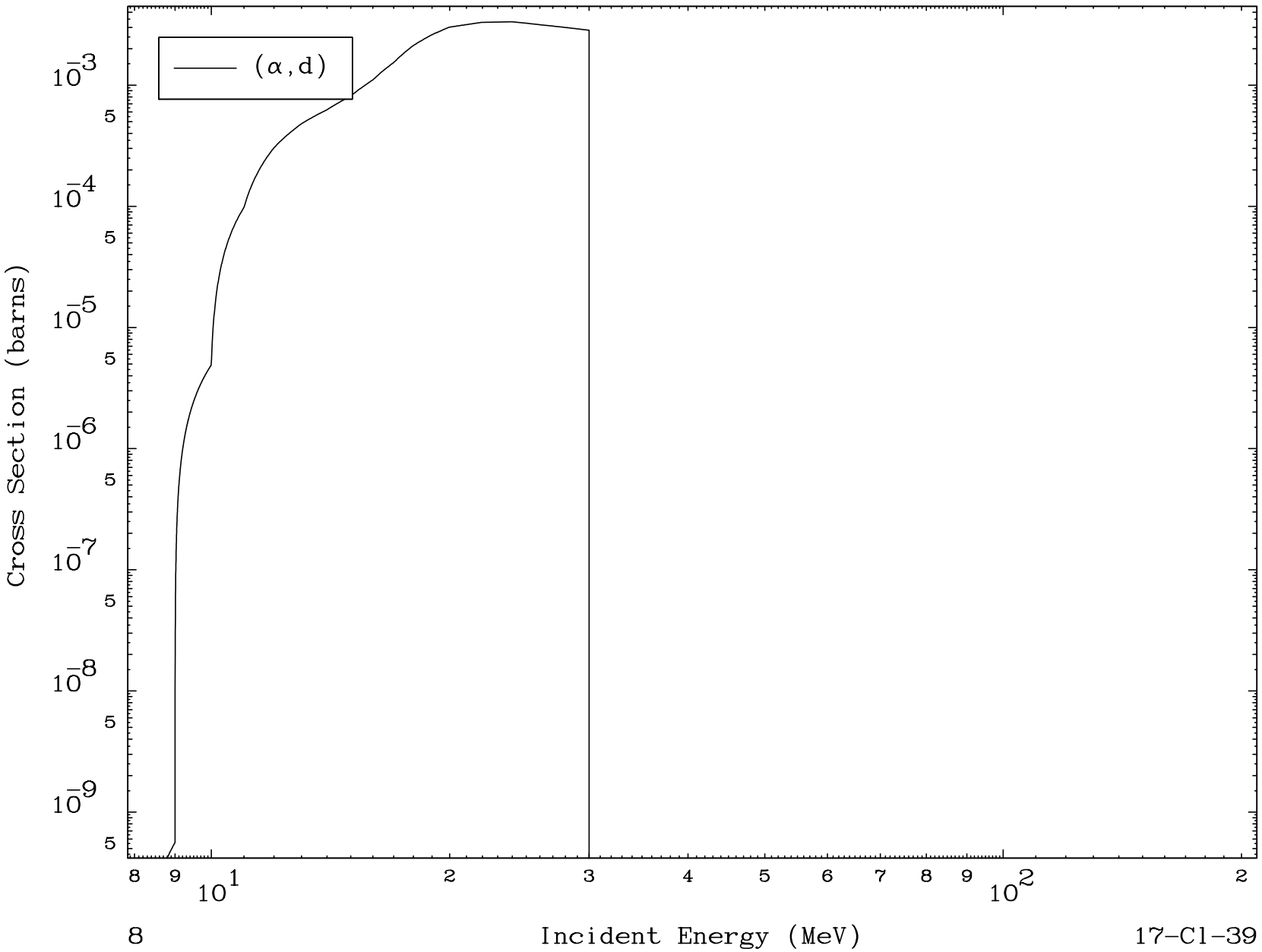

MAT 1737
α Neutron Production
0 Kelvin Cross Sections
17-Cl-39
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
17-Cl-39

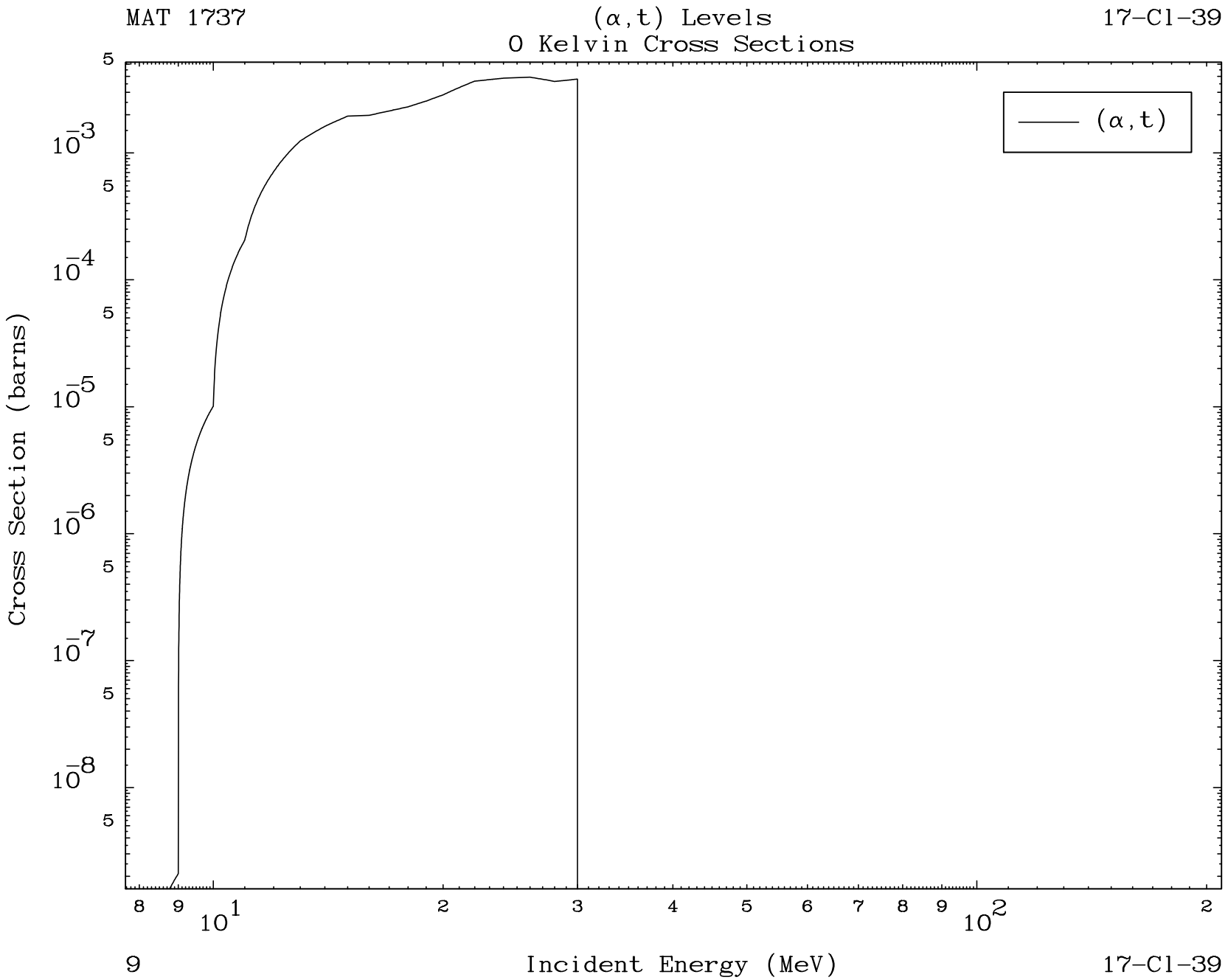

MAT 1737
α Charged Particle
0 Kelvin Cross Sections
17-Cl-39
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
4
17-Cl-39

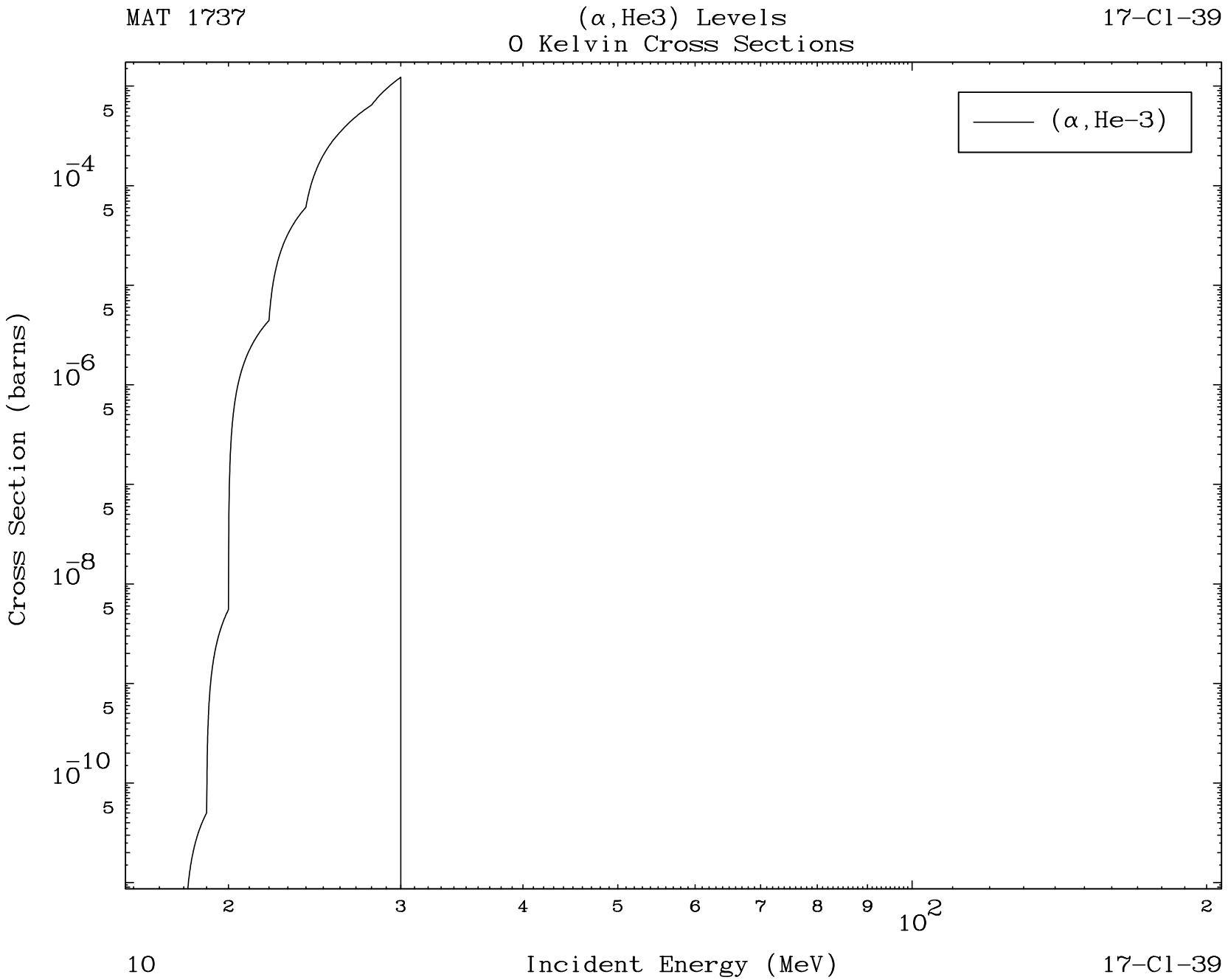

MAT 1737
α Charged Particle
0 Kelvin Cross Sections
17-Cl-39
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
17-Cl-39

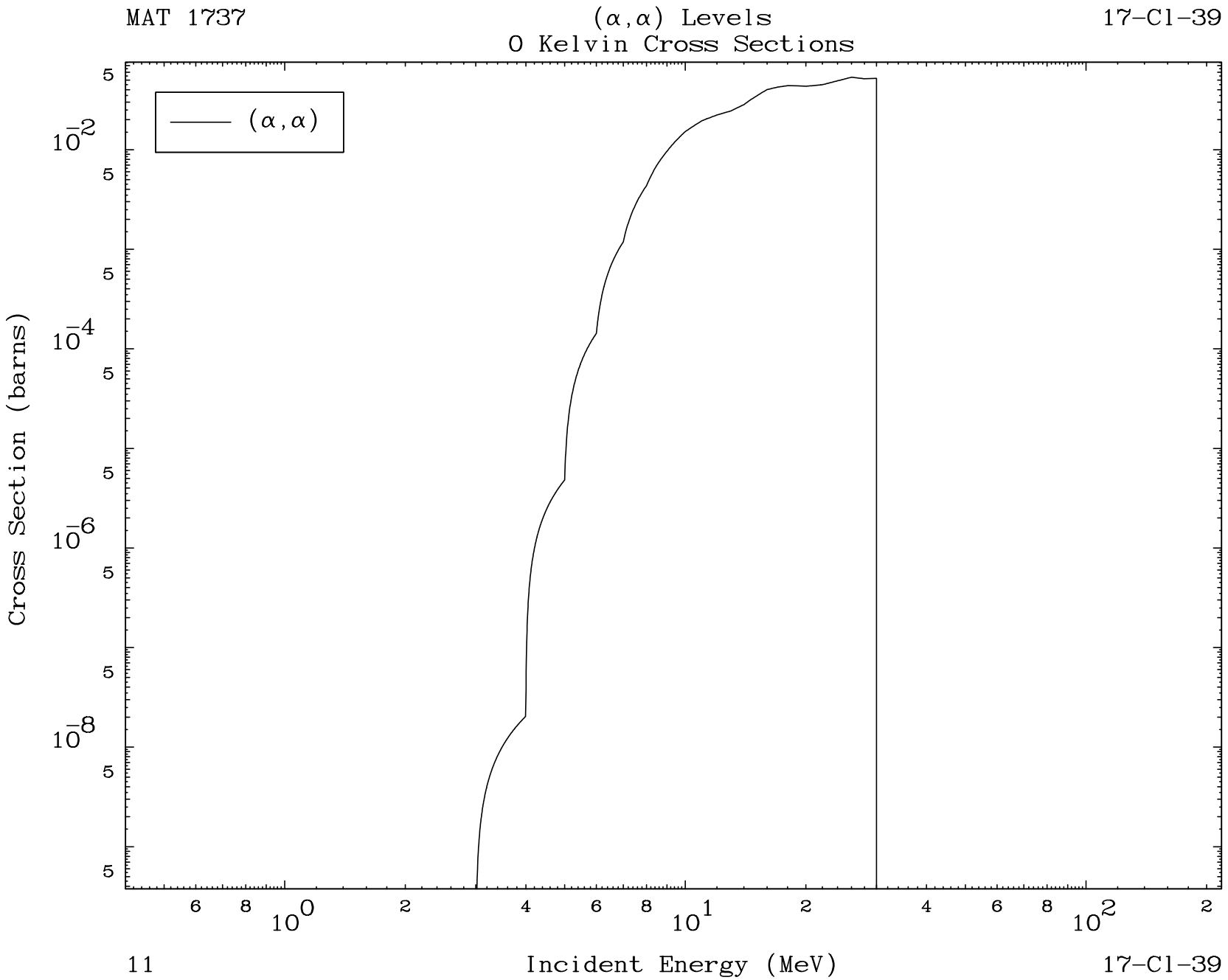

MAT 1737
(α,n') Level
17-Cl-39
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
17-Cl-39

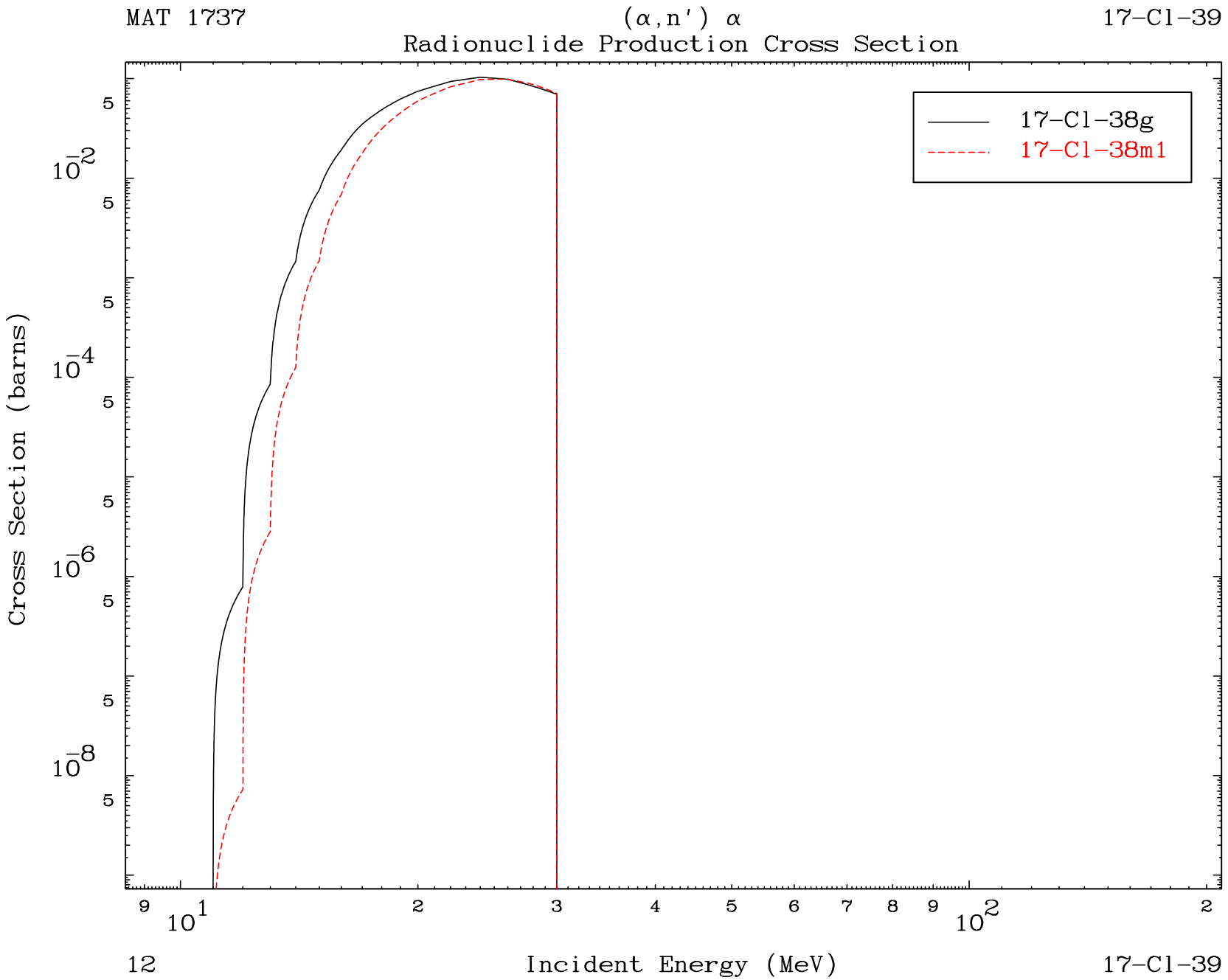

MAT 1737
(α,p) Levels
17-Cl-39
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
7
17-Cl-39


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


MAT 1737
(α,t) Levels
17-Cl-39
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
Incident Energy (MeV)
9
17-Cl-39


MAT 1737
(α,He3) Levels
17-Cl-39
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^2
17-Cl-39


MAT 1737
(α,α) Levels
17-Cl-39
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
11
17-Cl-39


MAT 1737
(α,n') α
17-Cl-39
Radionuclide Production Cross Section
17-Cl-38g
17-Cl-38m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
17-Cl-39