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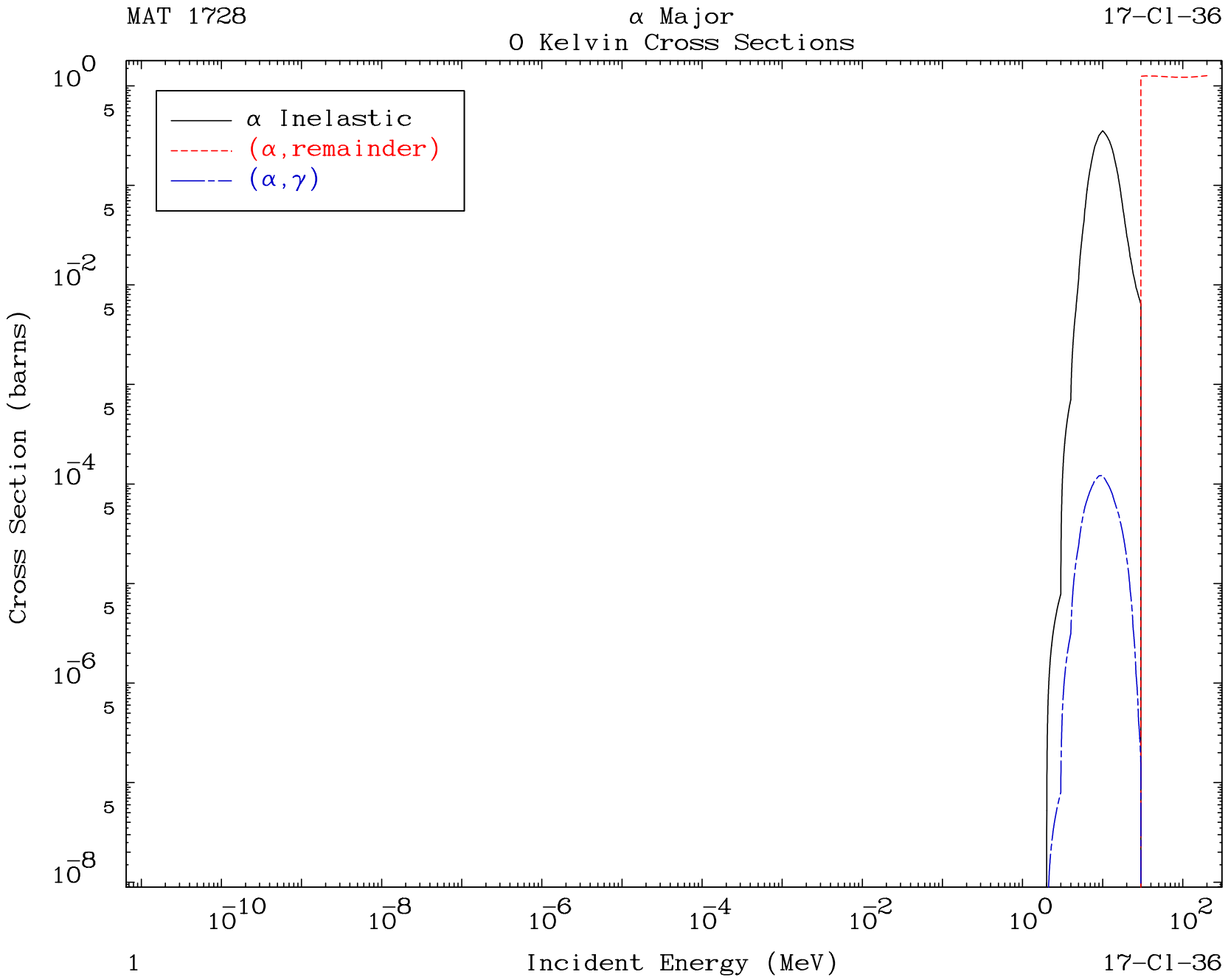
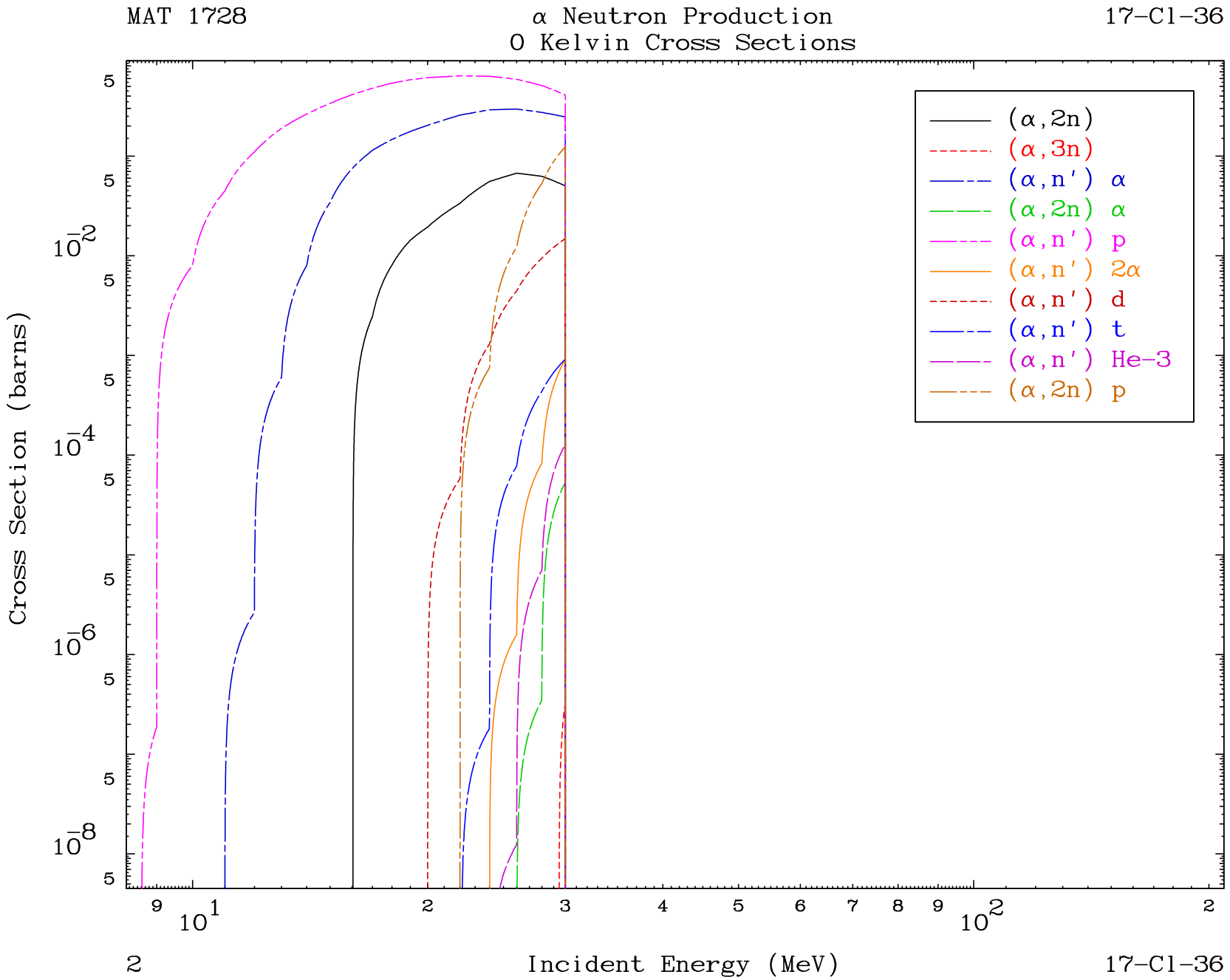
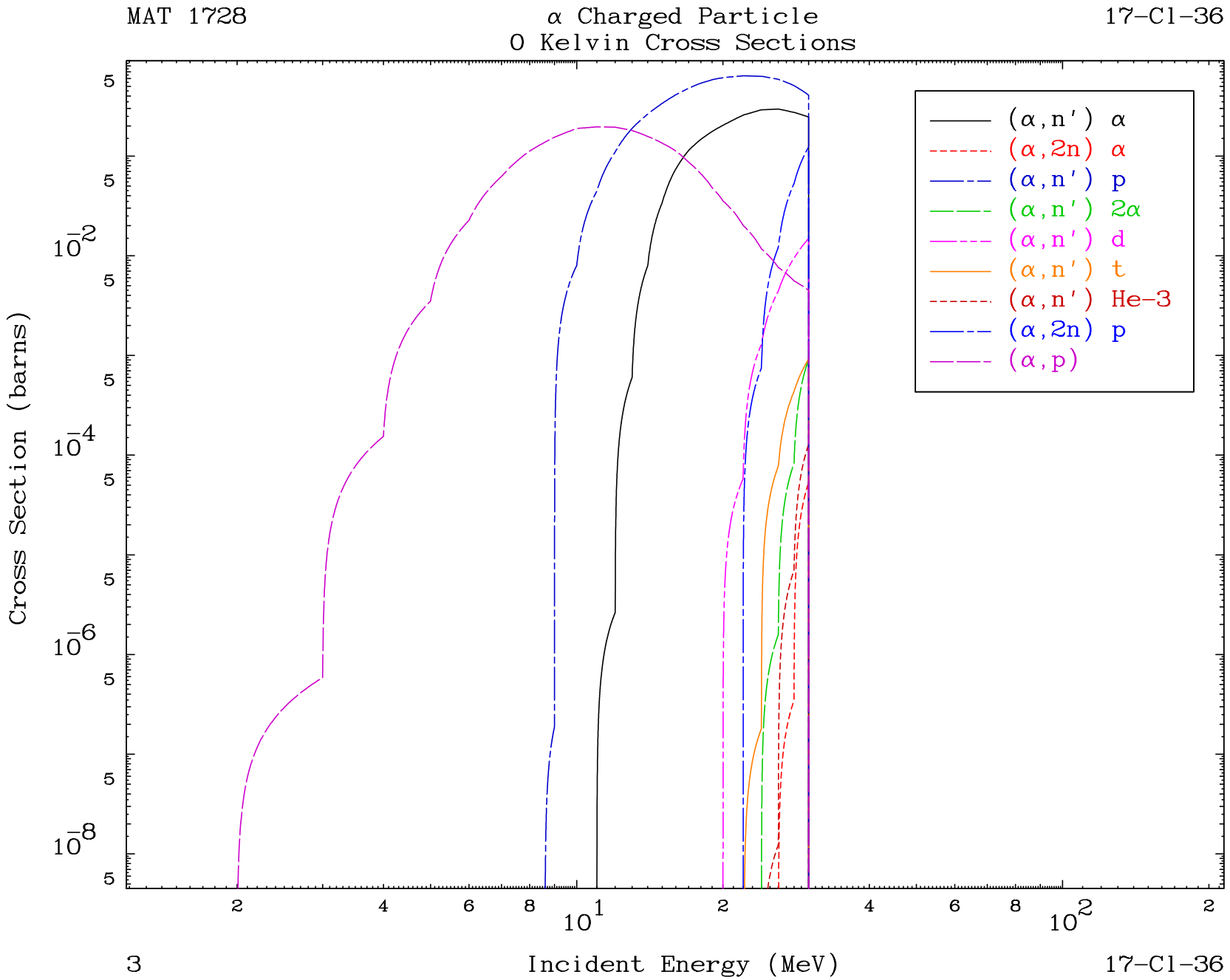
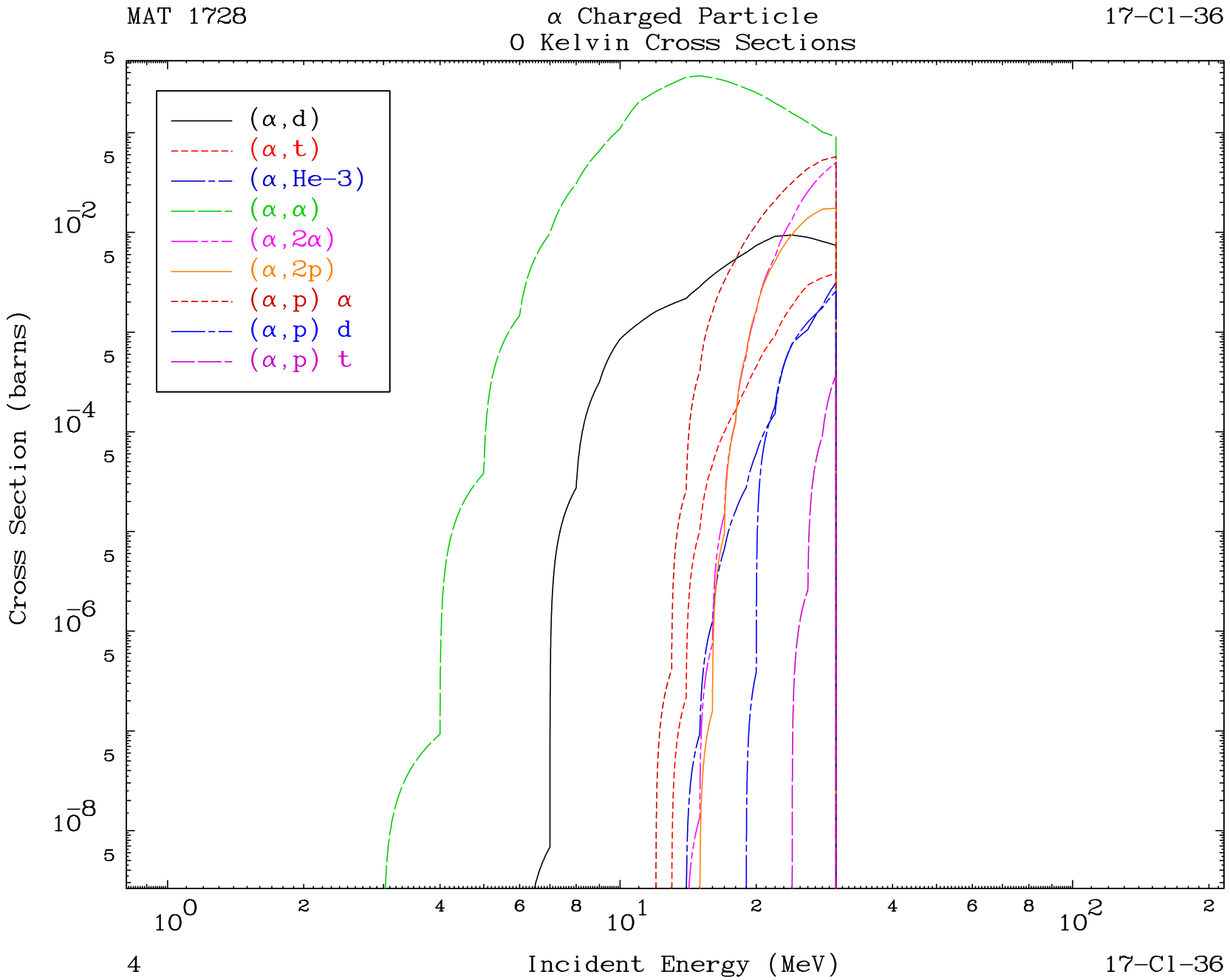
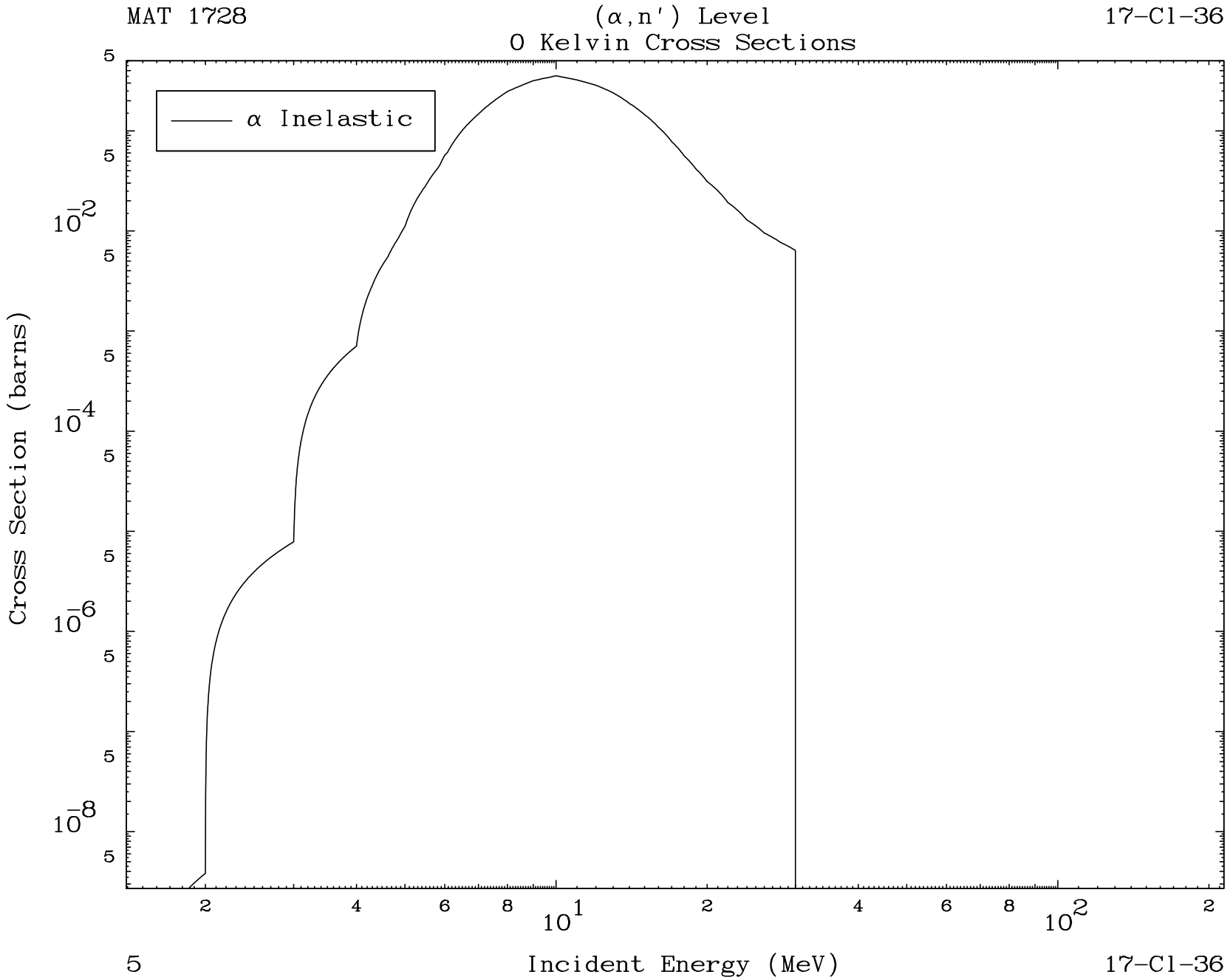
Press Mouse Button to Start

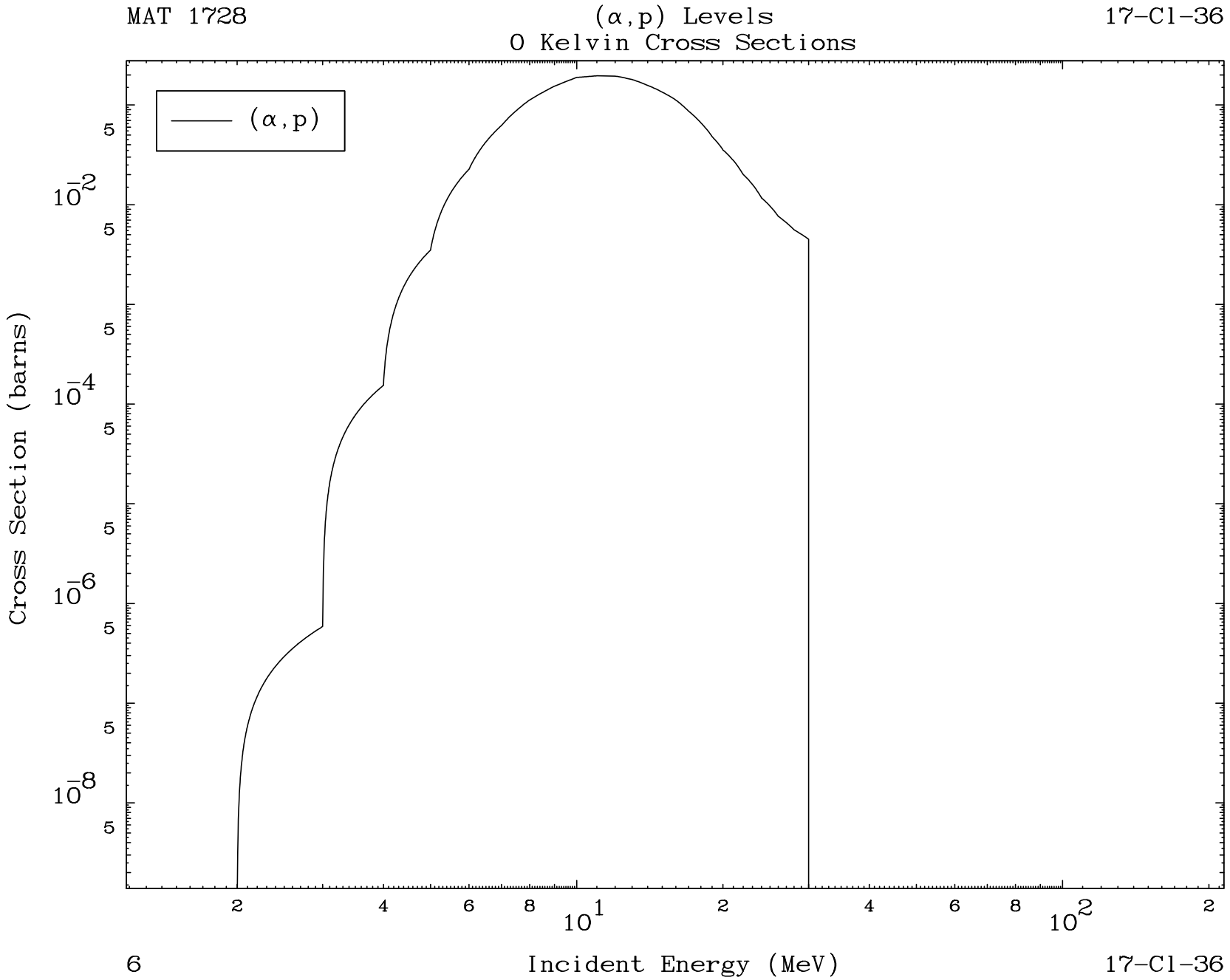

MAT 1728
α Major
17-Cl-36
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
17-Cl-36

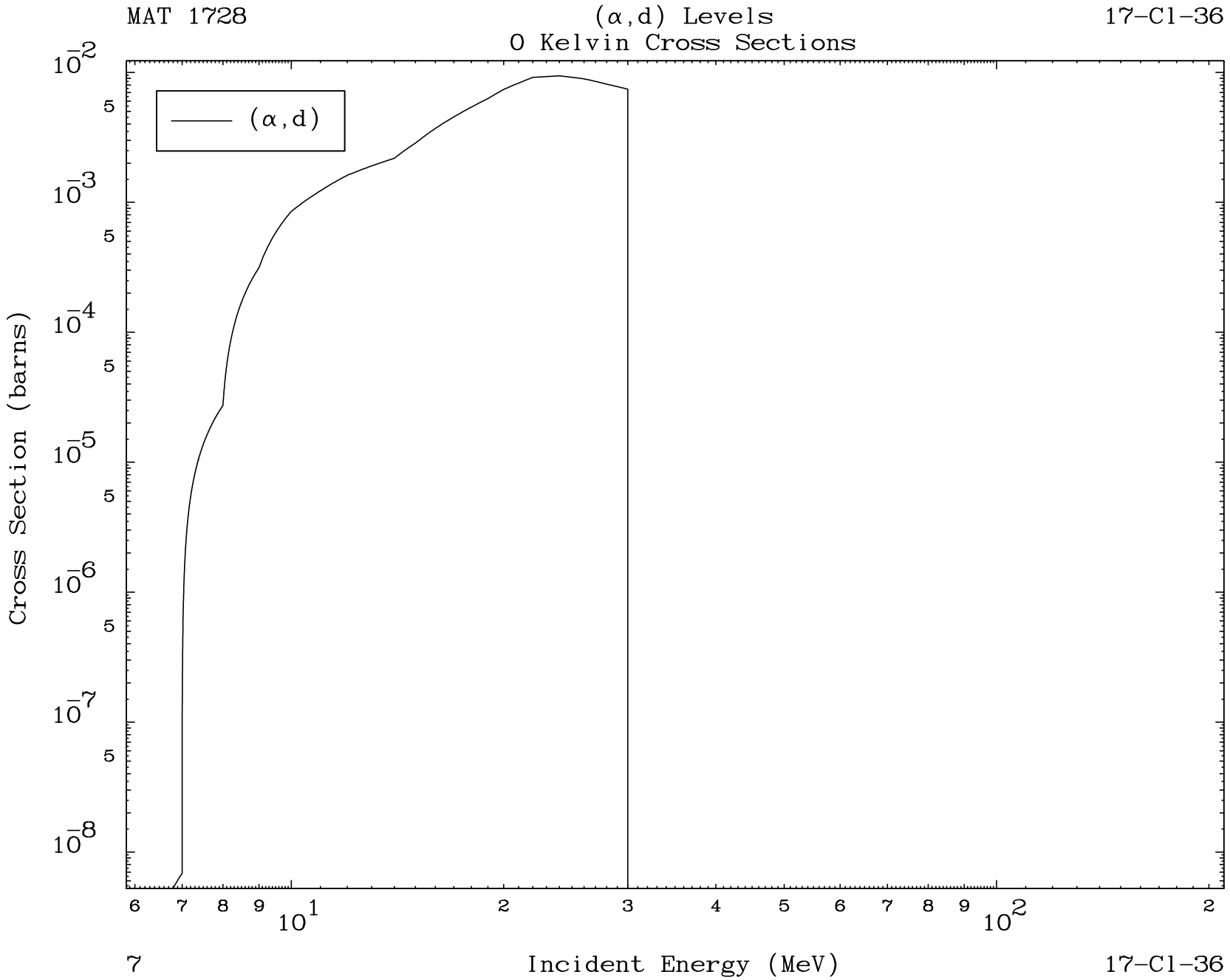

MAT 1728
α Neutron Production
0 Kelvin Cross Sections
17-Cl-36
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

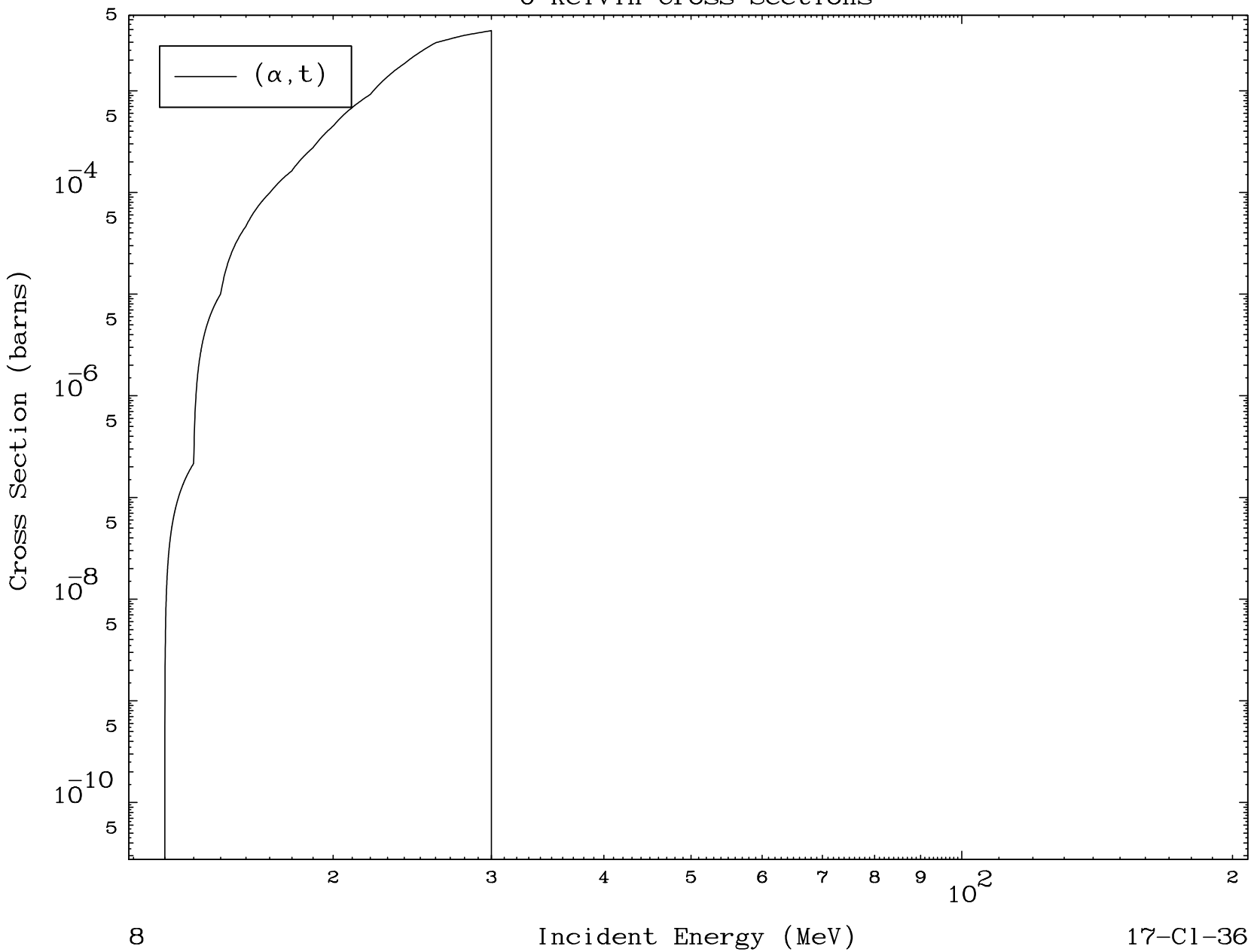

MAT 1728
α Charged Particle
0 Kelvin Cross Sections
17-Cl-36
Cross Section (barns)
Incident Energy (MeV)
3
17-Cl-36
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)


MAT 1728
α Charged Particle
0 Kelvin Cross Sections
17-Cl-36
(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)
4
17-Cl-36

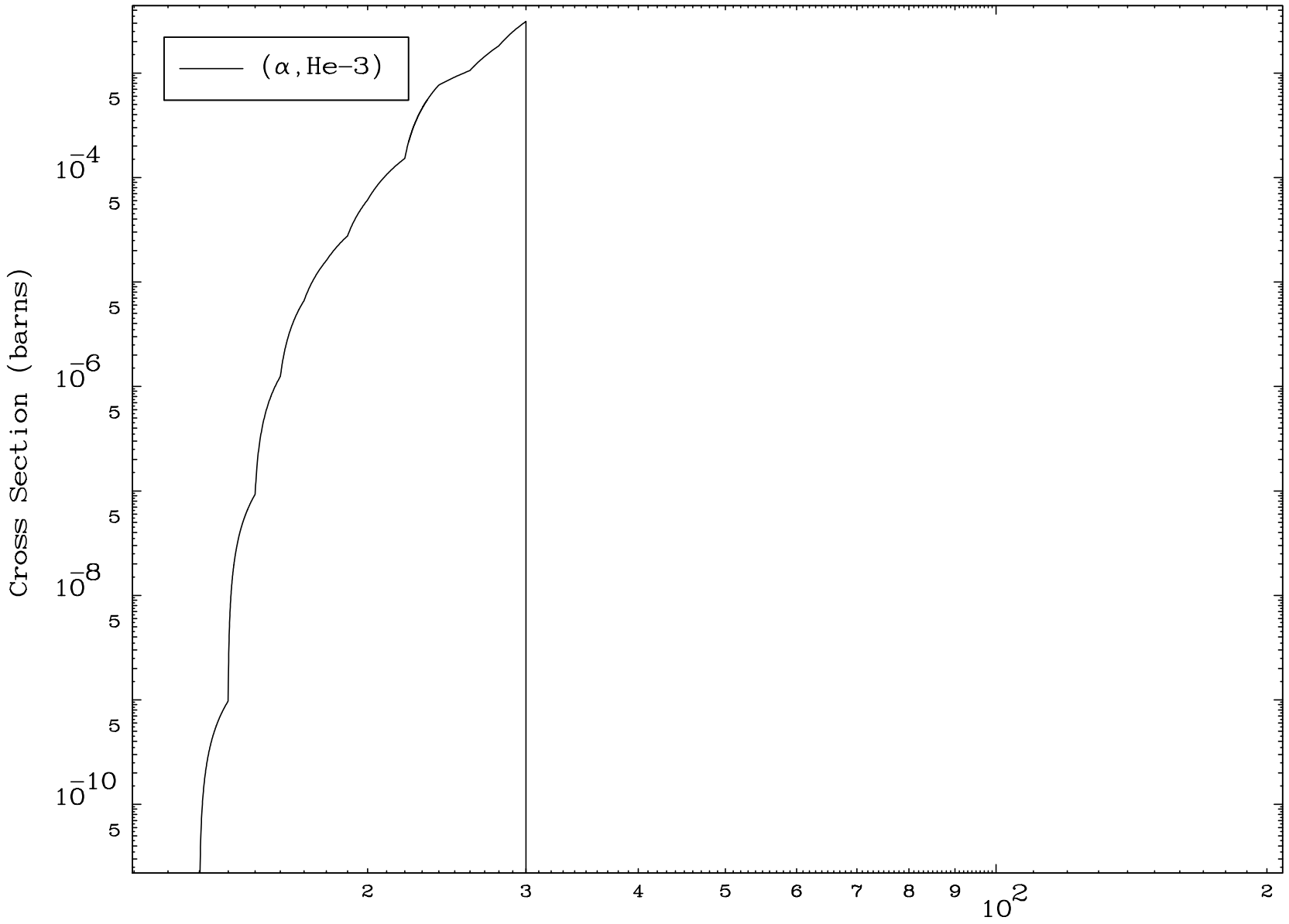

MAT 1728
(α,n') Level
17-Cl-36
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36

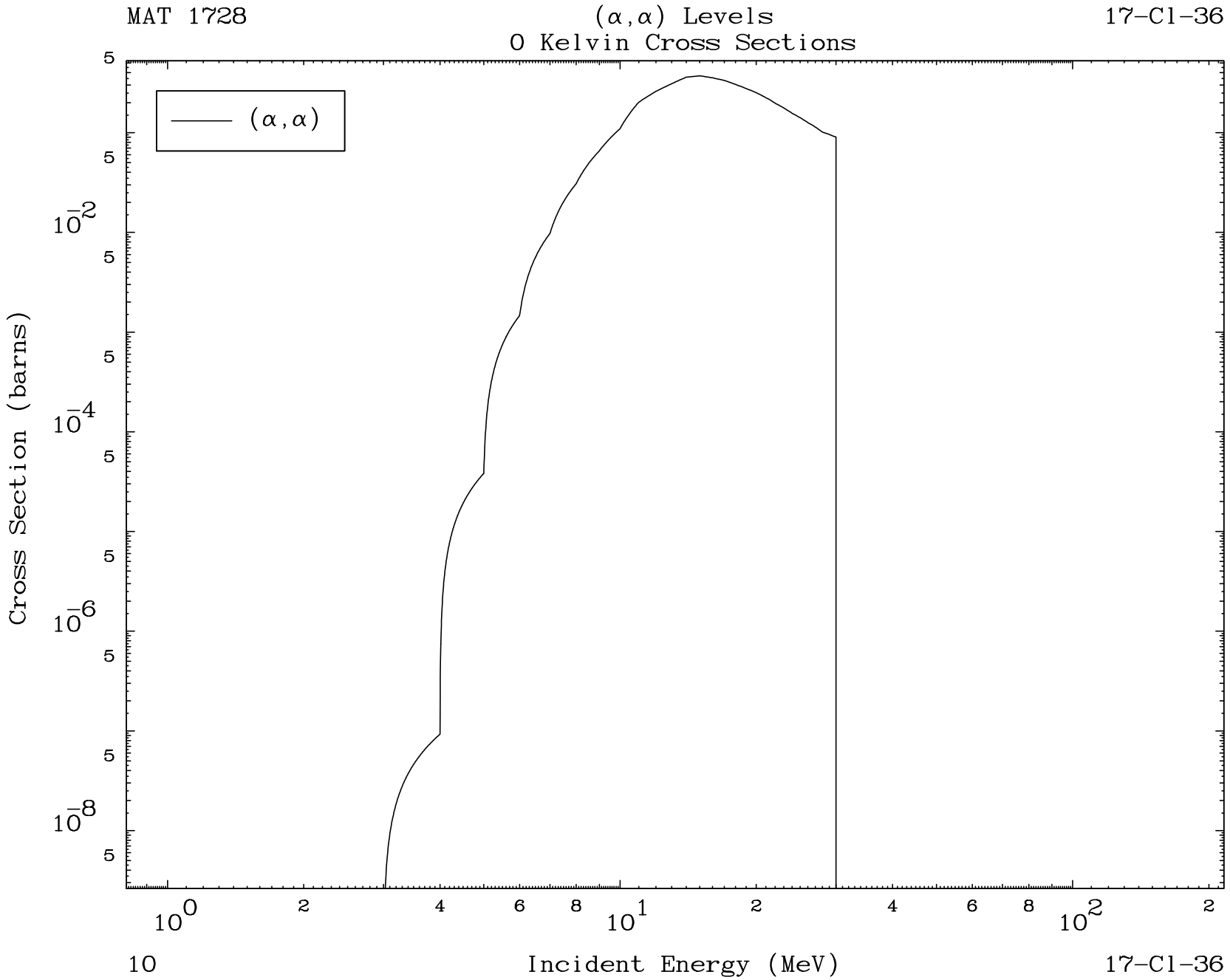

MAT 1728
(α,p) Levels
17-Cl-36
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
6
17-Cl-36

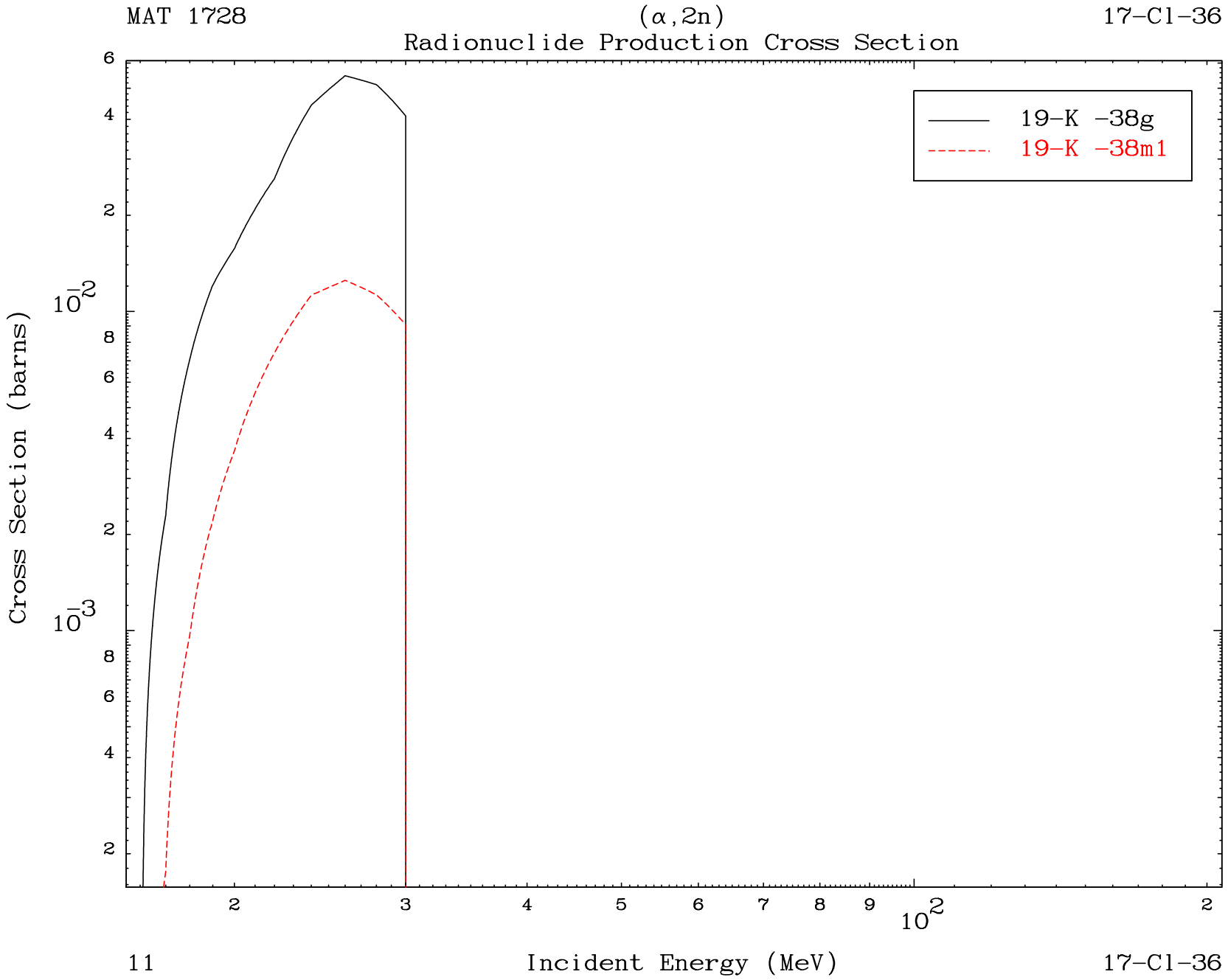

MAT 1728
(α,d) Levels
17-Cl-36
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36
7

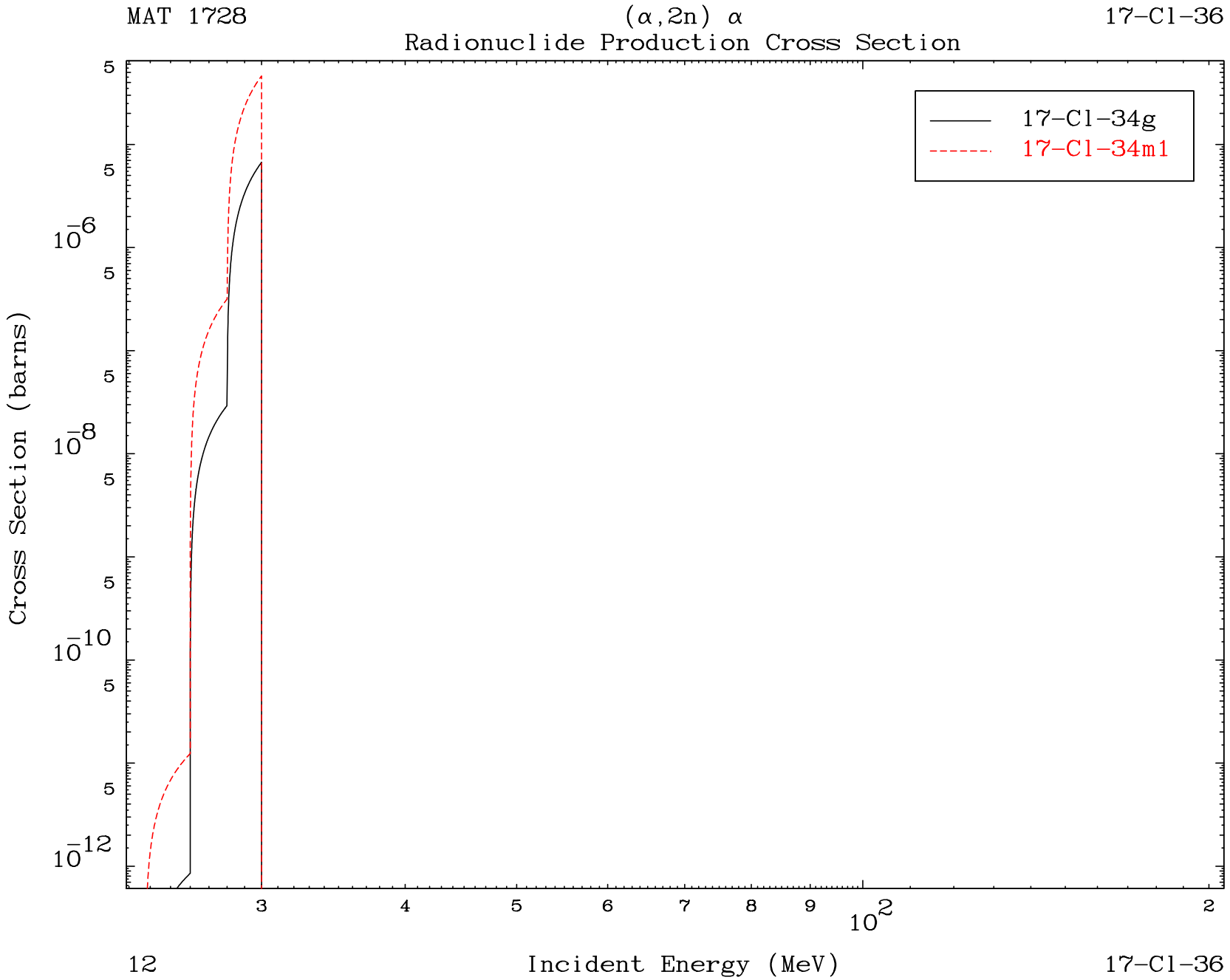

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2

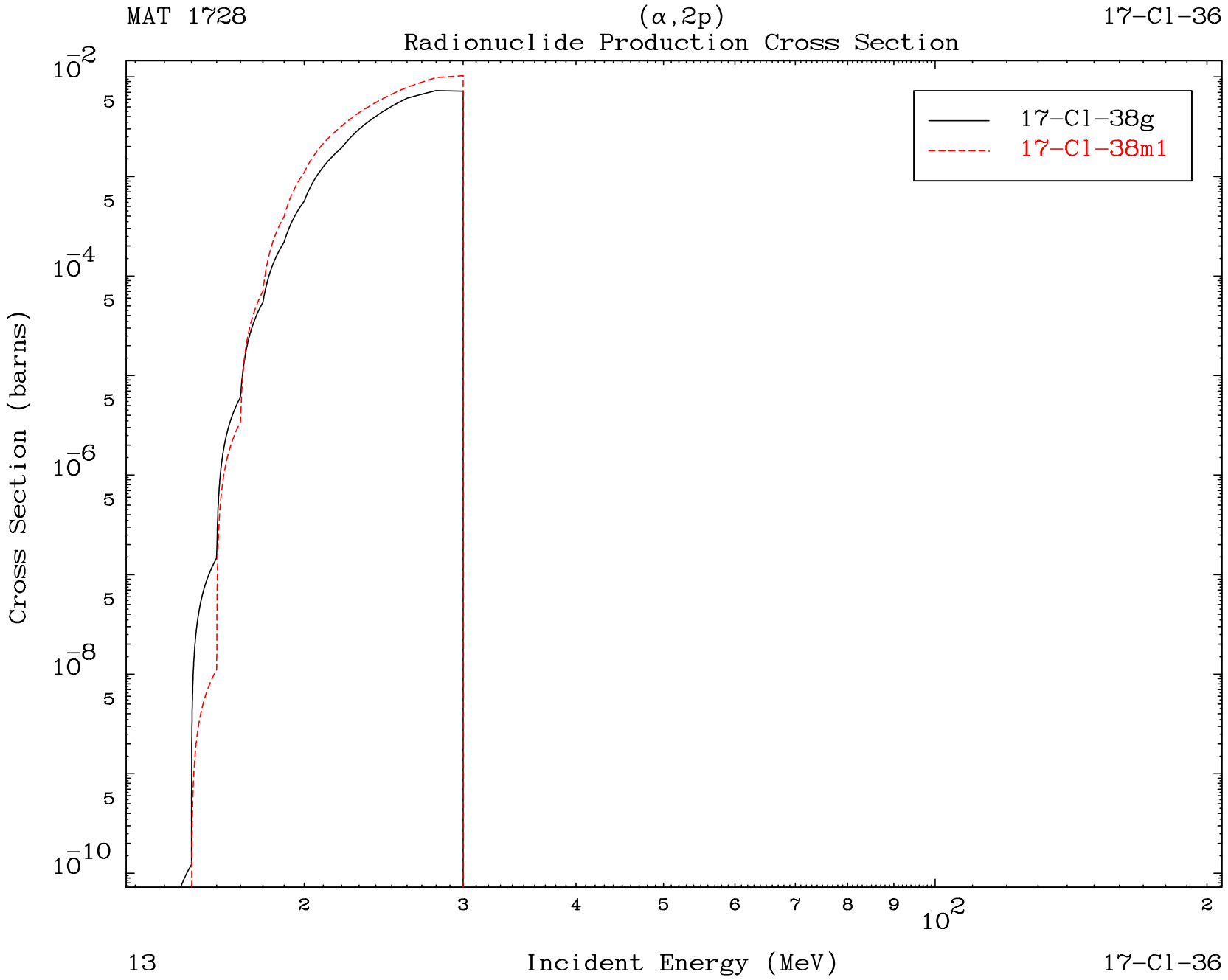
0 Kelvin Cross Sections




MAT 1728
(α,α) Levels
17-Cl-36
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-36


MAT 1728
(α,2n)
17-Cl-36
Radionuclide Production Cross Section
19-K -38g
19-K -38m1
Cross Section (barns)
10-2
10-3
6
4
2
8
6
4
2
2
3
4
5
6
7
8
9
10+2
2
11
Incident Energy (MeV)
17-Cl-36


MAT 1728
(α,2n) α
17-Cl-36
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
Incident Energy (MeV)
12
17-Cl-36


MAT 1728
(α,2p)
17-Cl-36
Radionuclide Production Cross Section
17-Cl-38g
17-Cl-38m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
17-Cl-36