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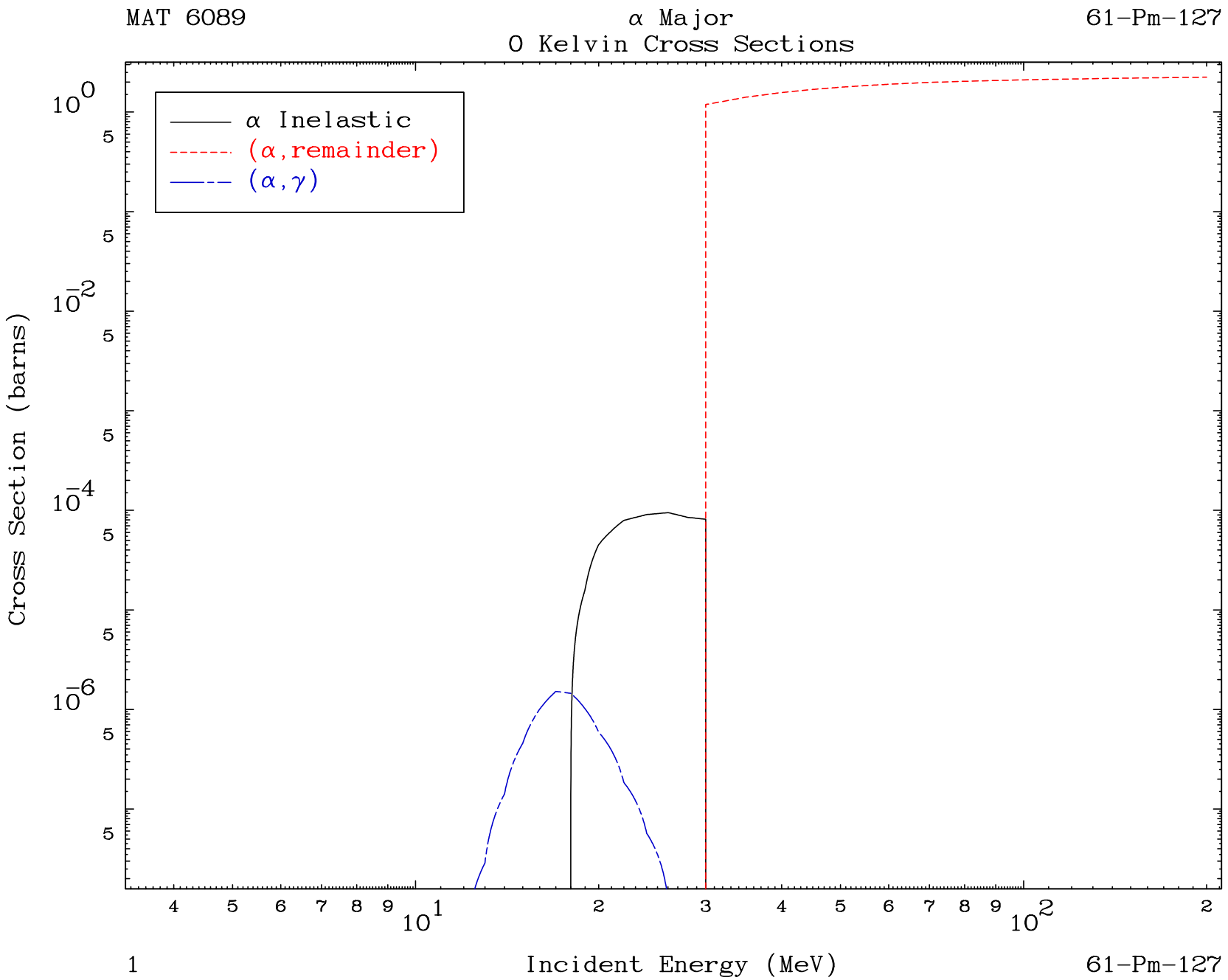
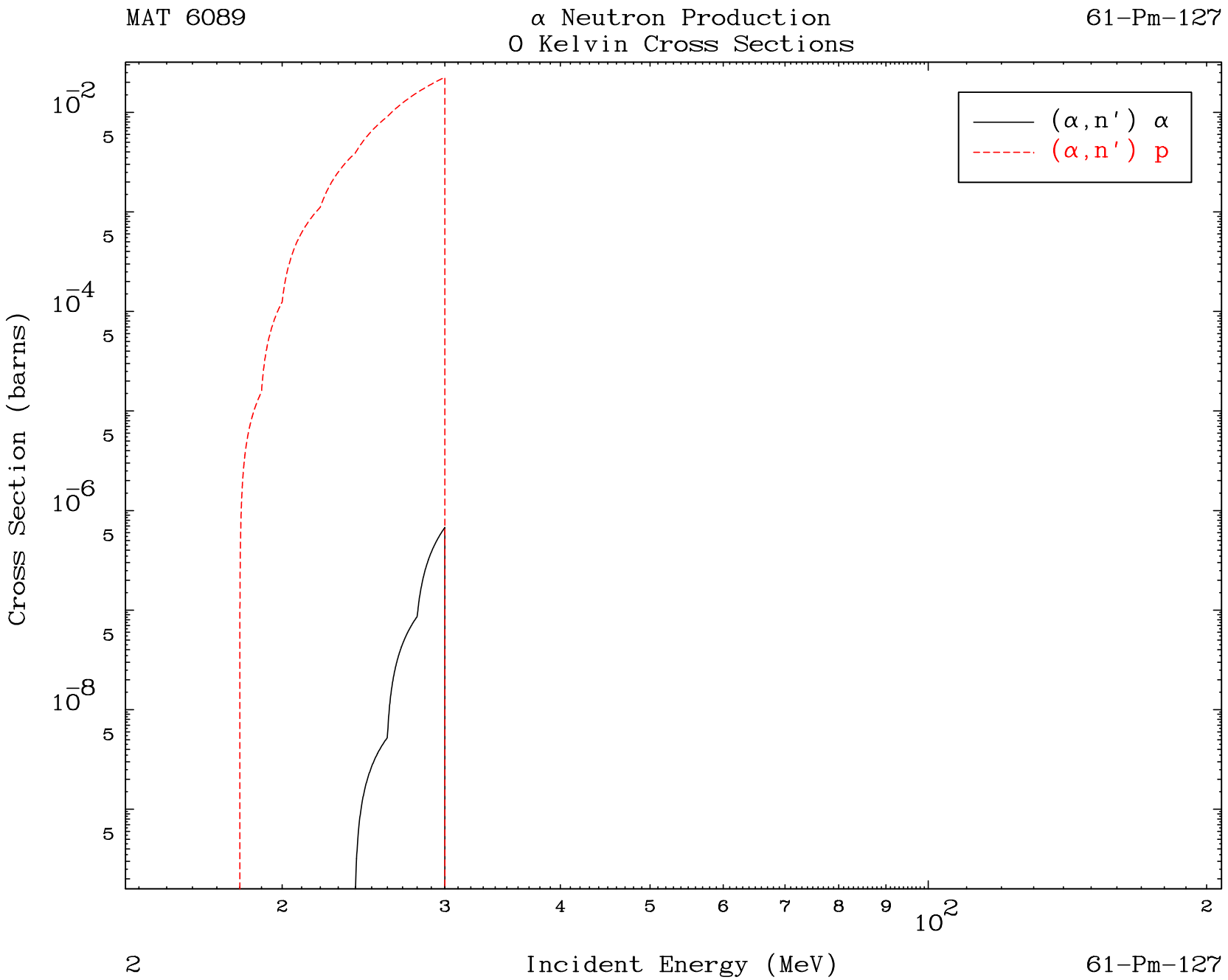
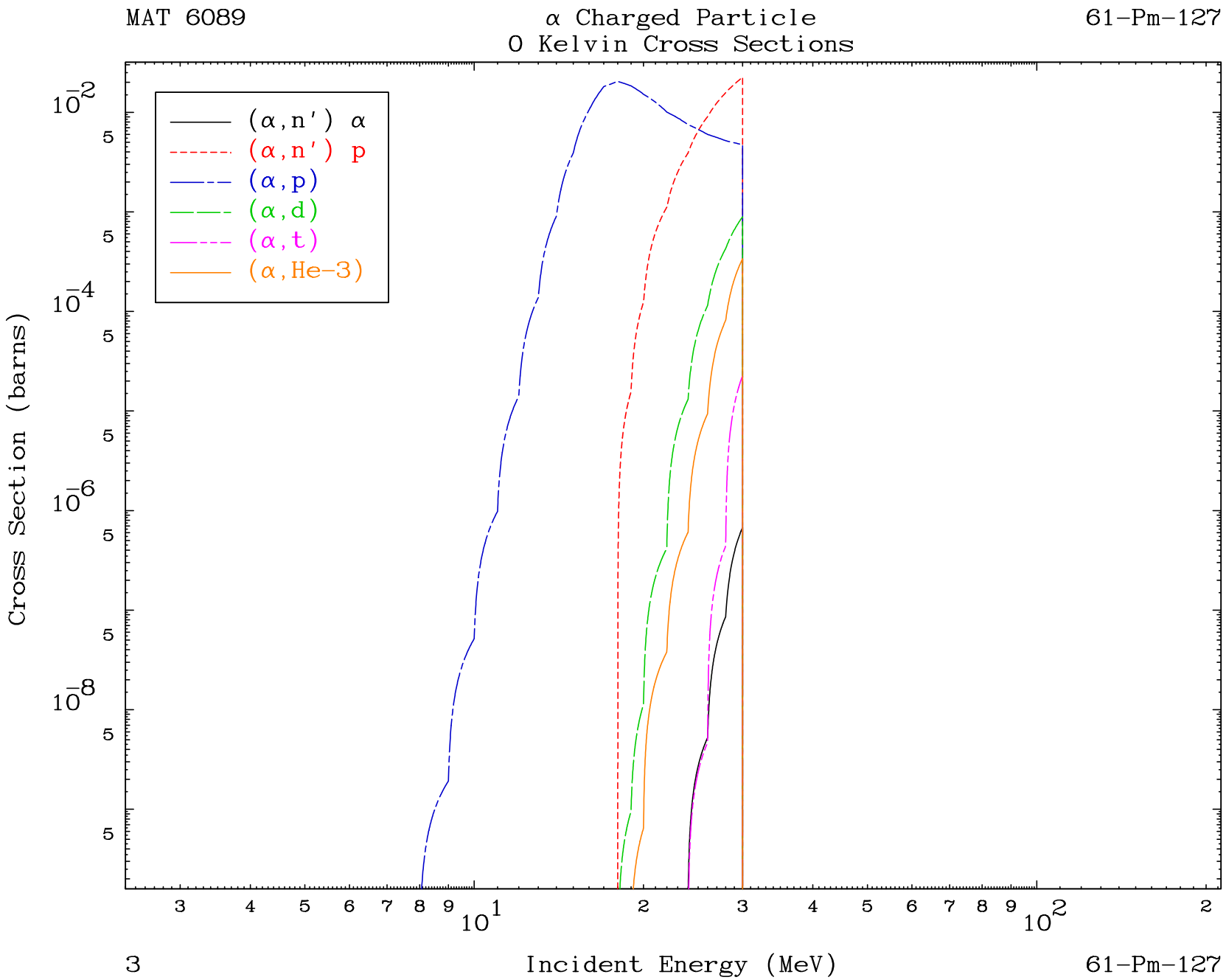
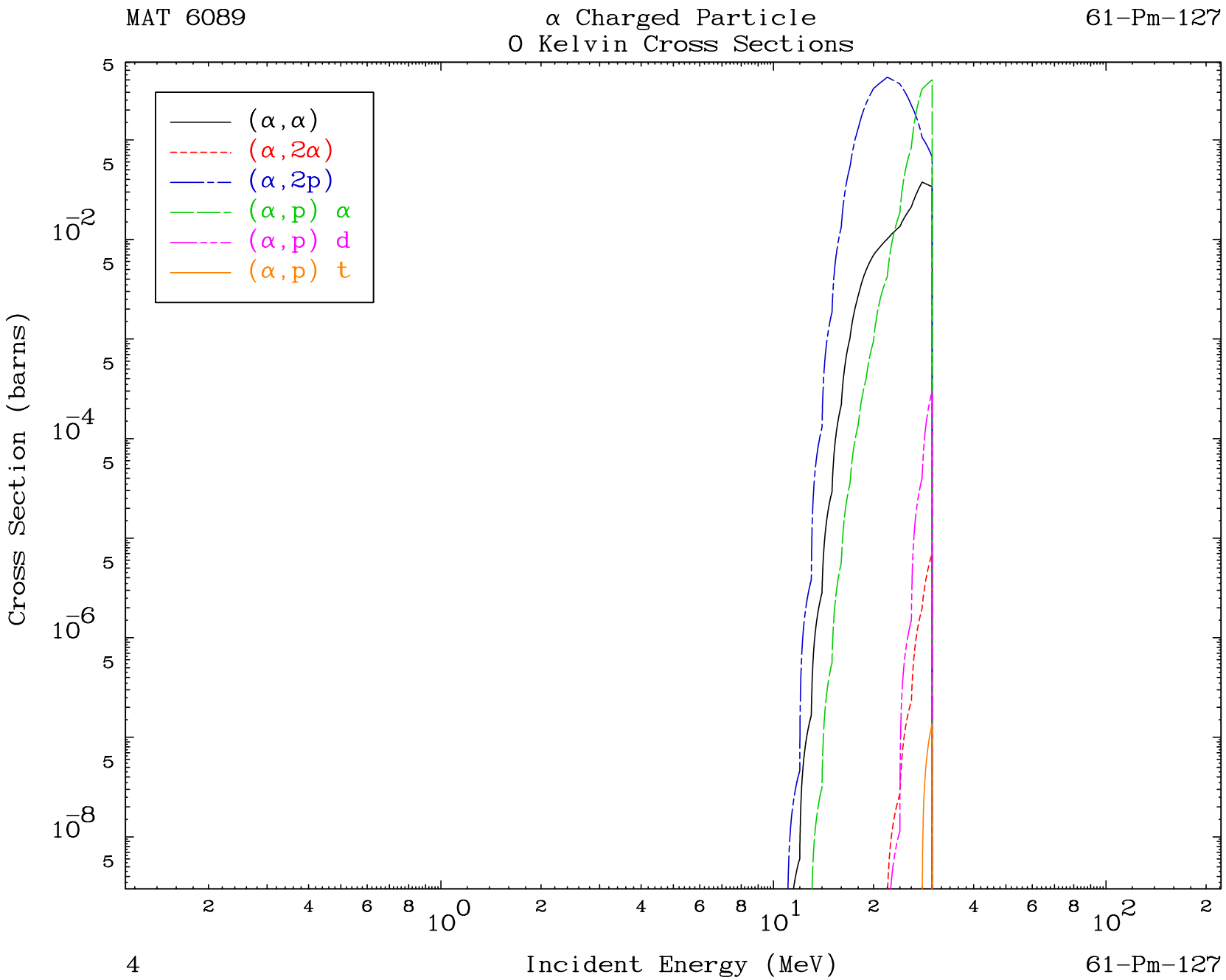
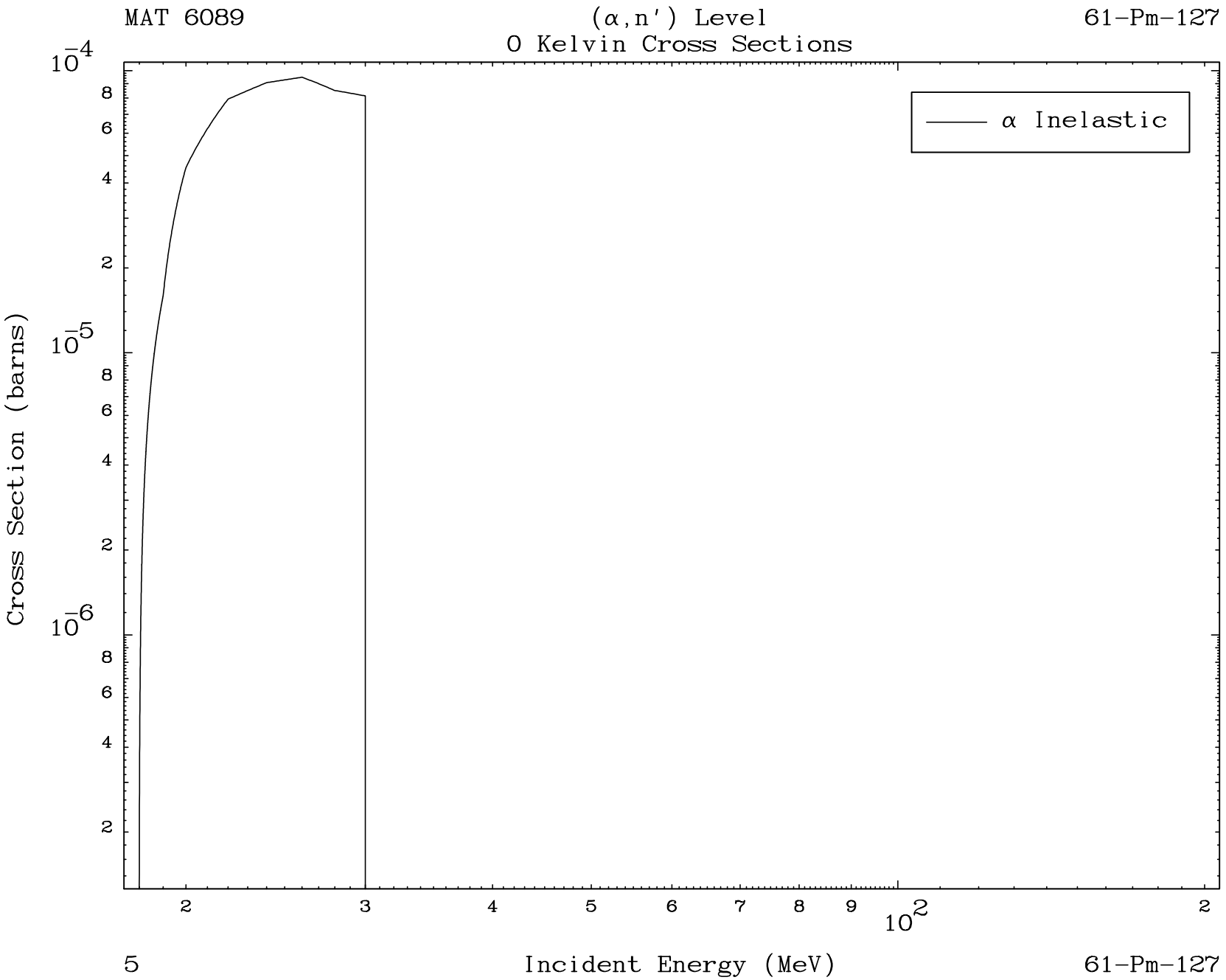
Press Mouse Button to Start

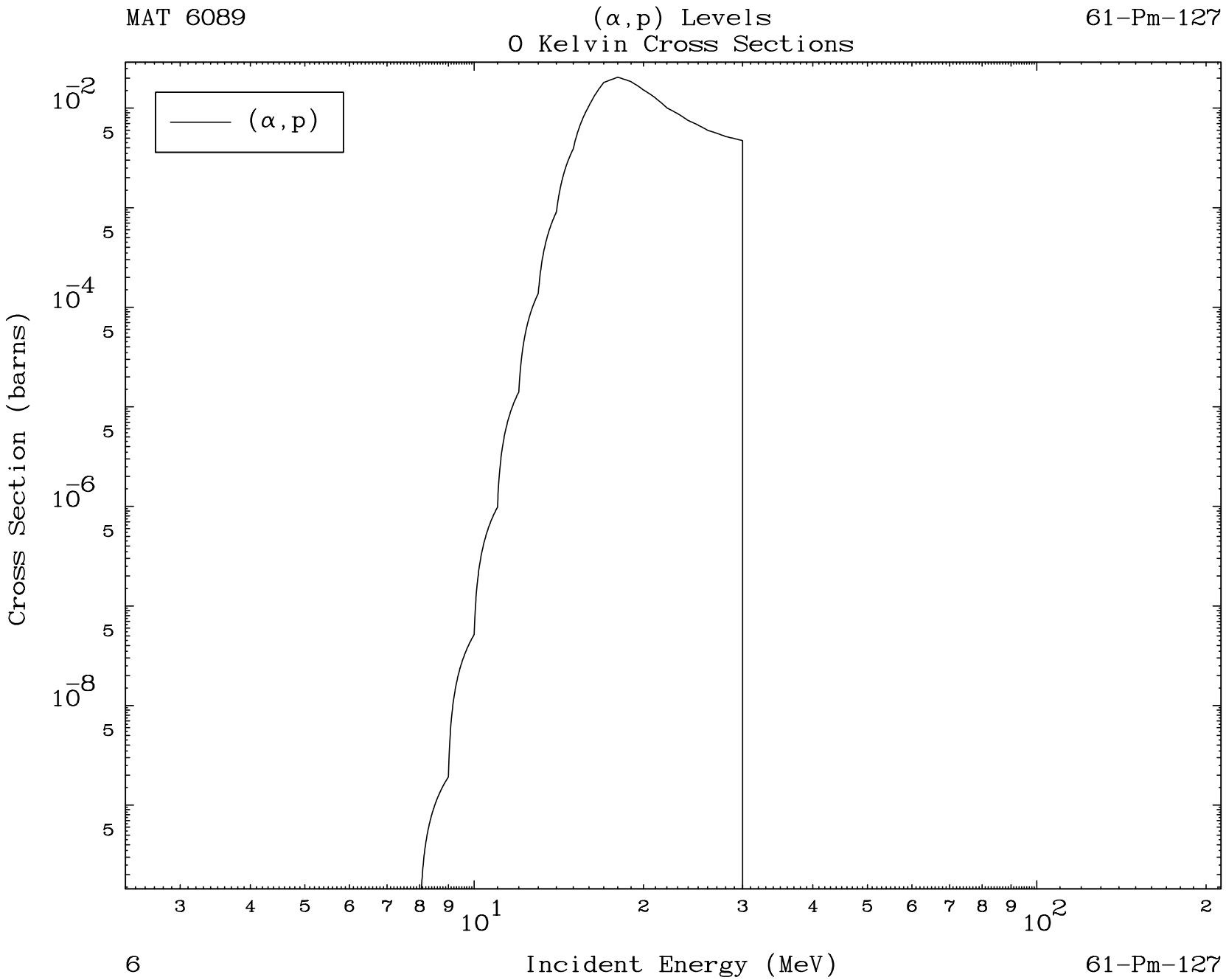

MAT 6089
α Major
61-Pm-127
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-127

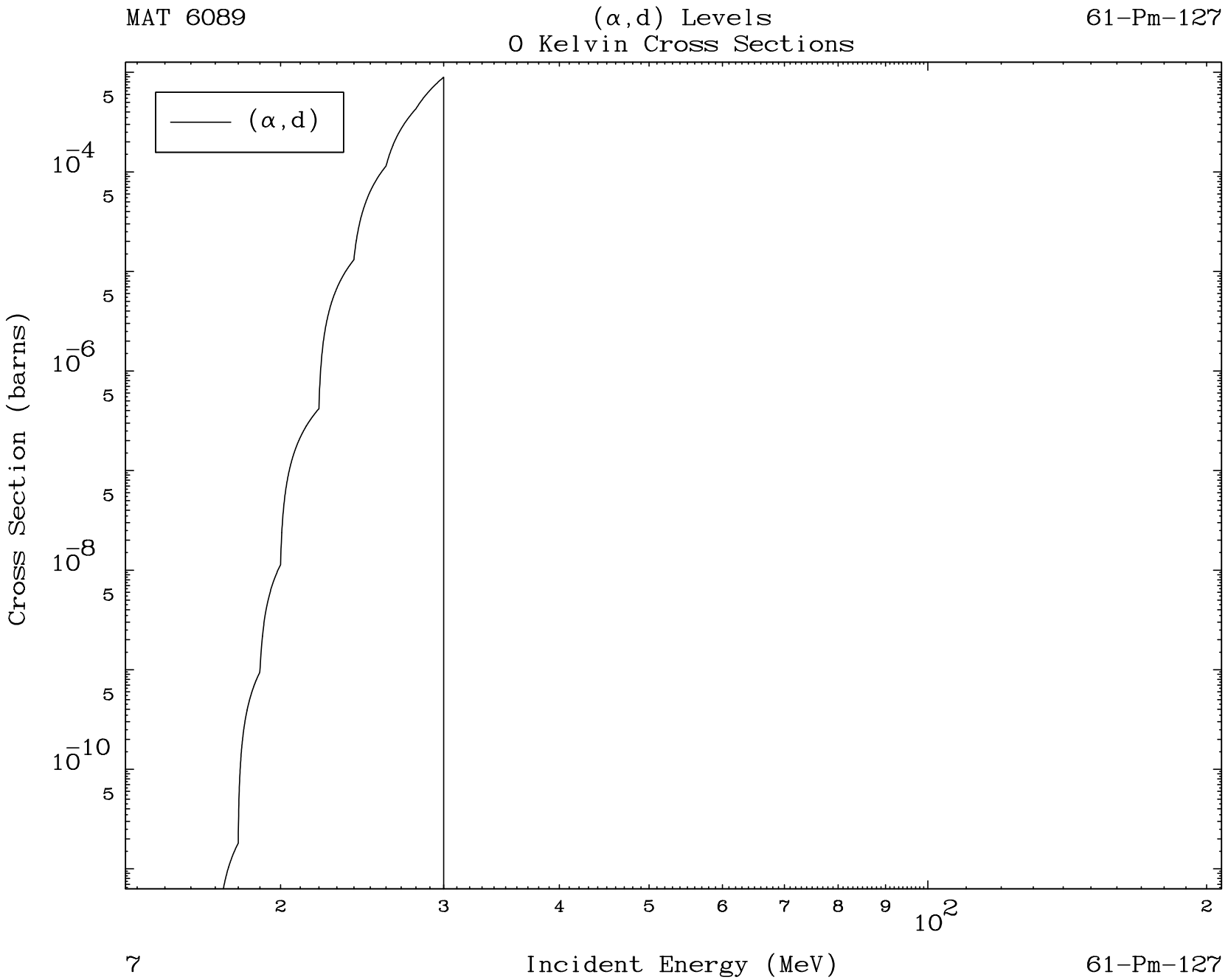

MAT 6089
α Neutron Production
0 Kelvin Cross Sections
61-Pm-127
(α,n') α
(α,n') p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
61-Pm-127


MAT 6089
α Charged Particle
0 Kelvin Cross Sections
61-Pm-127
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
61-Pm-127

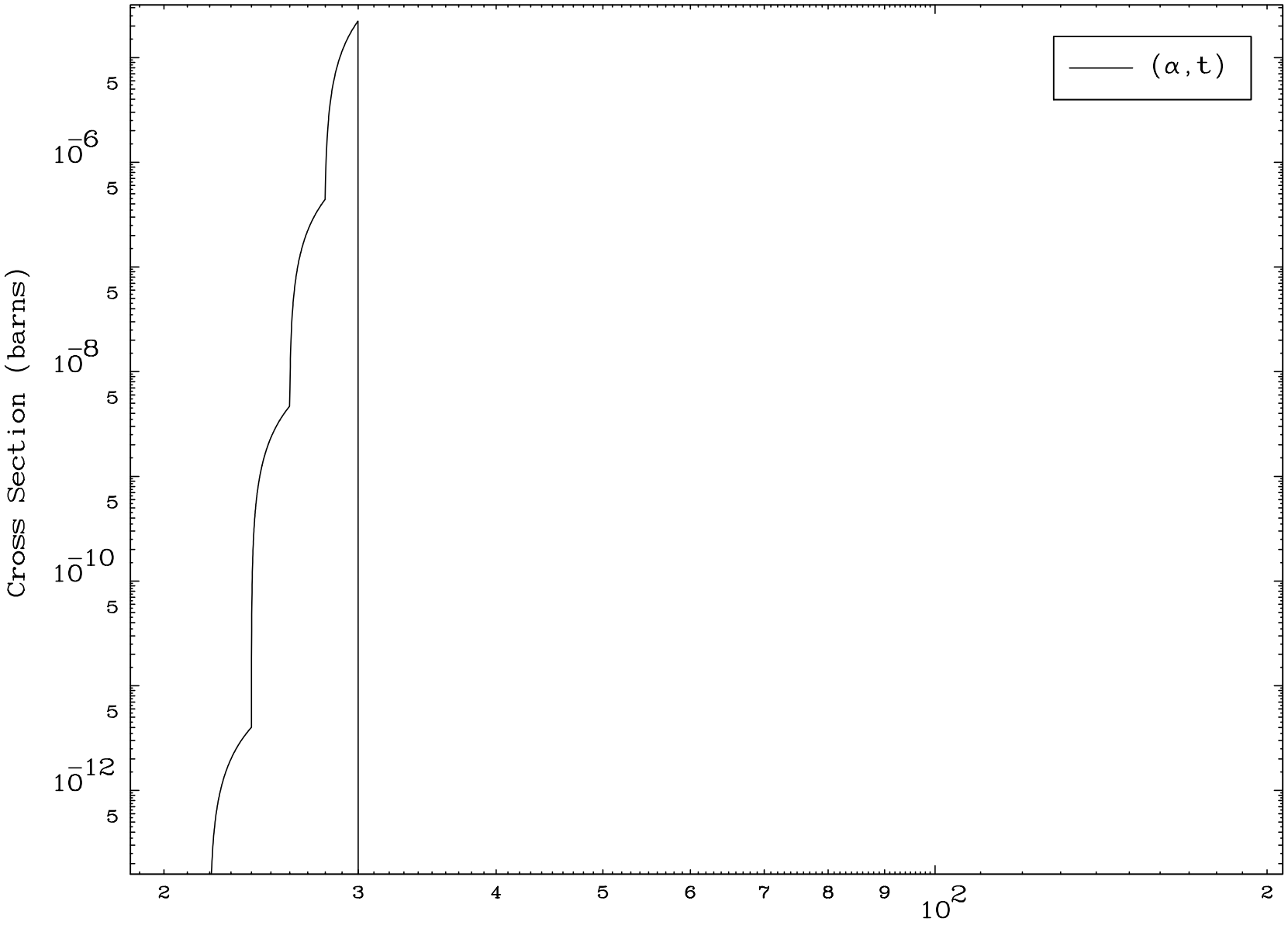

MAT 6089
α Charged Particle
0 Kelvin Cross Sections
61-Pm-127
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
61-Pm-127

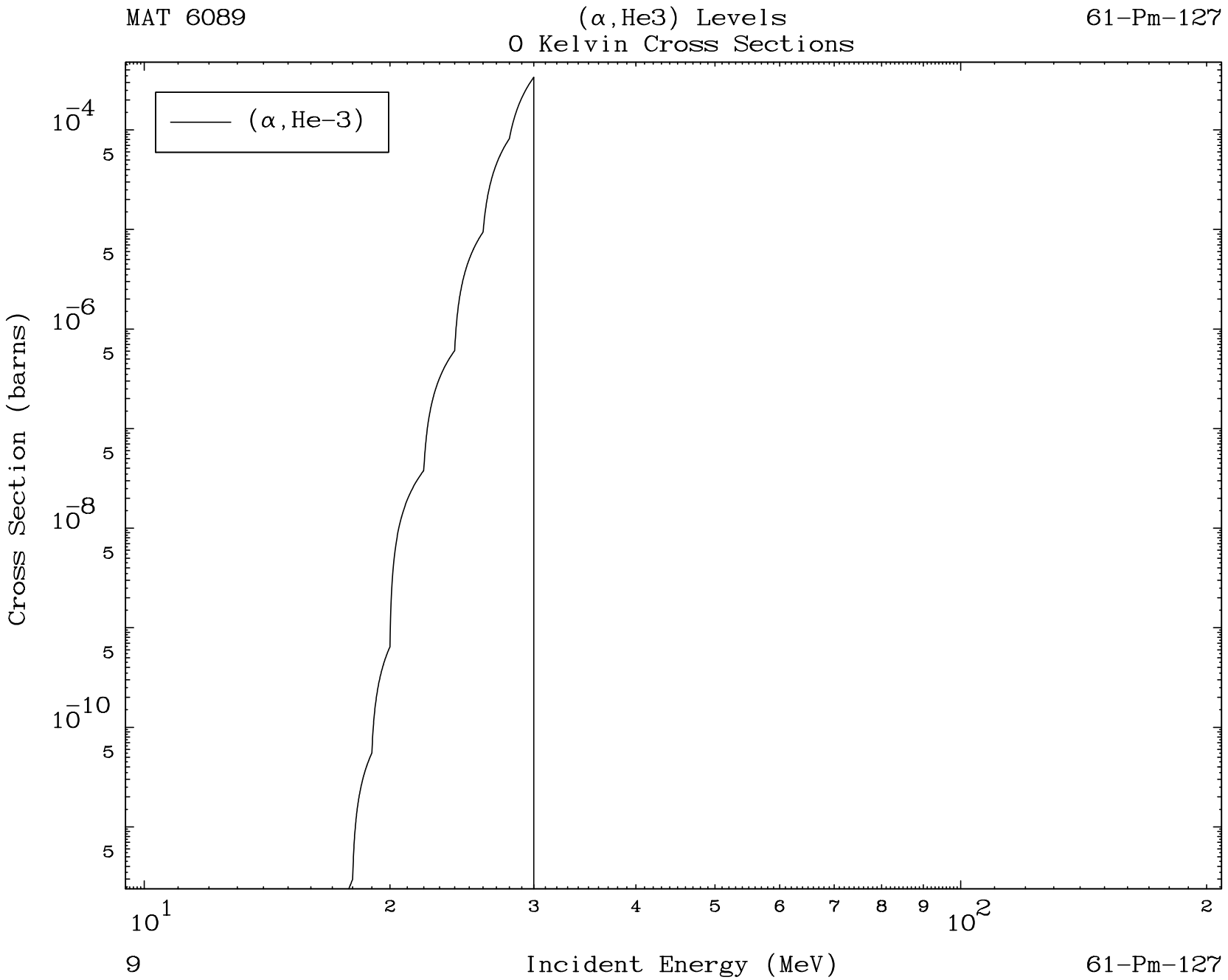

MAT 6089
(α,n') Level
61-Pm-127
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-4
10^-5
10^-6
8
6
4
2
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
61-Pm-127

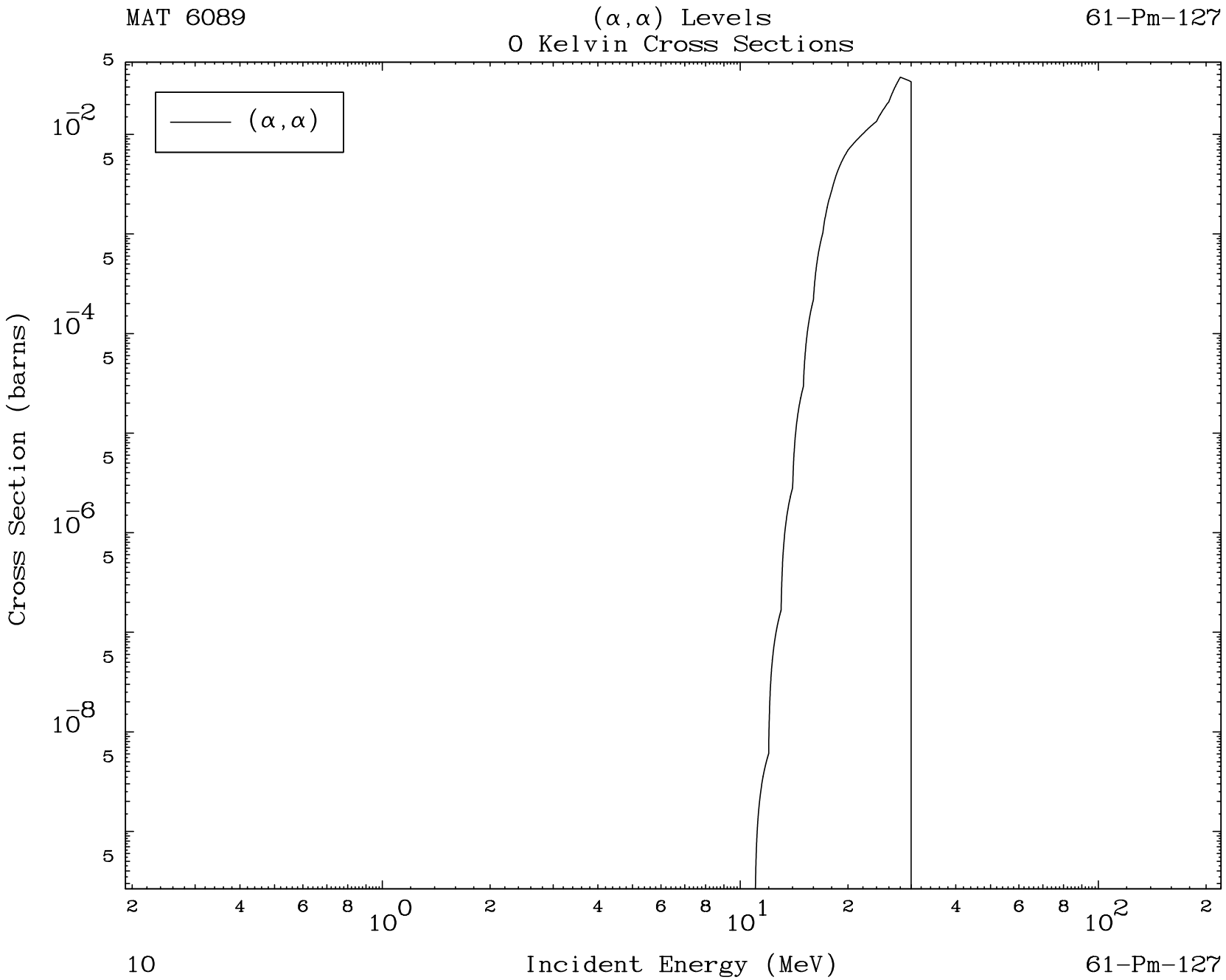

MAT 6089
(α,p) Levels
61-Pm-127
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
10 1
10 2
6
61-Pm-127


MAT 6089
(α,d) Levels
61-Pm-127
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
61-Pm-127

0 Kelvin Cross Sections




MAT 6089
(α,He3) Levels
61-Pm-127
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
61-Pm-127


MAT 6089
(α,α) Levels
61-Pm-127
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-127