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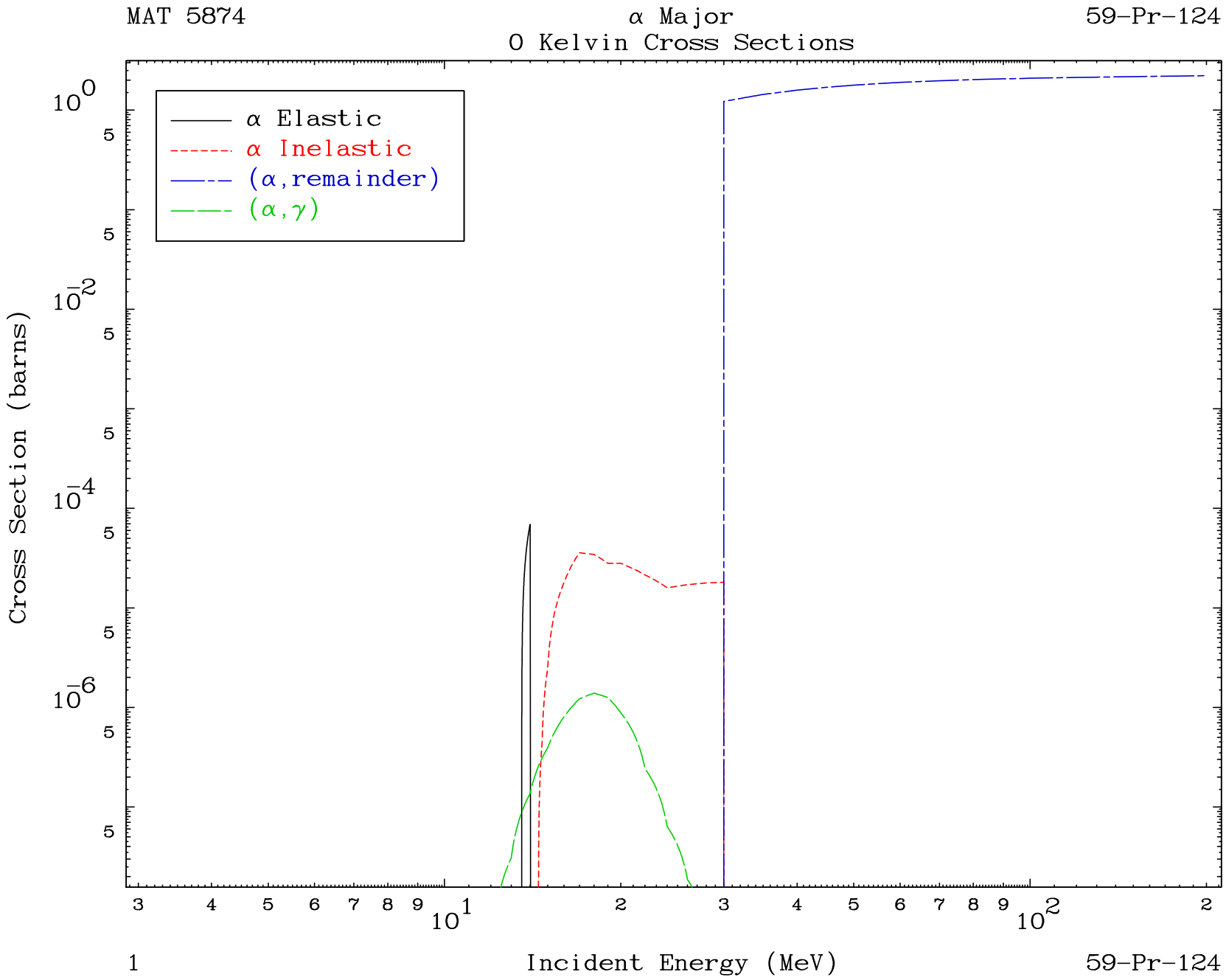
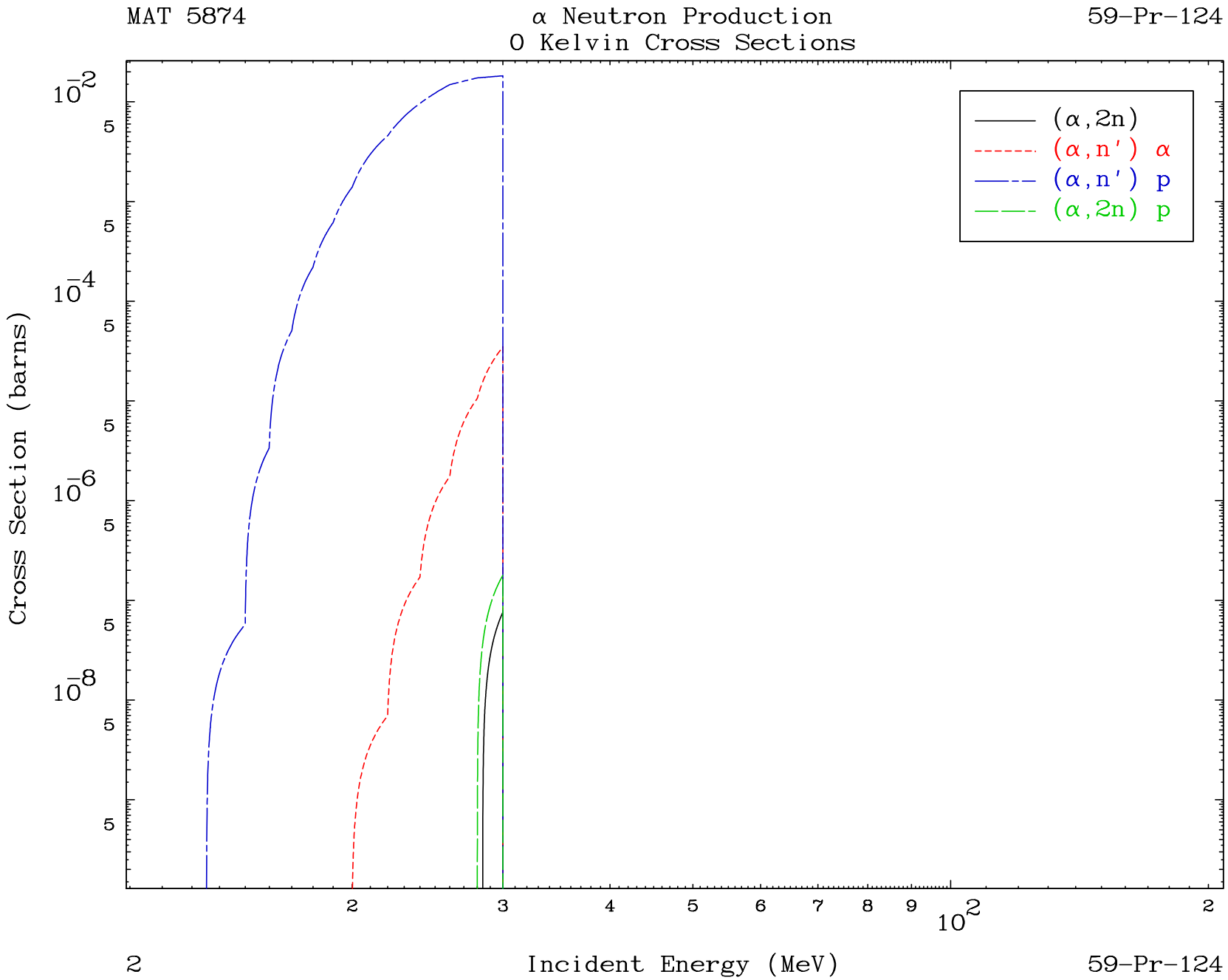
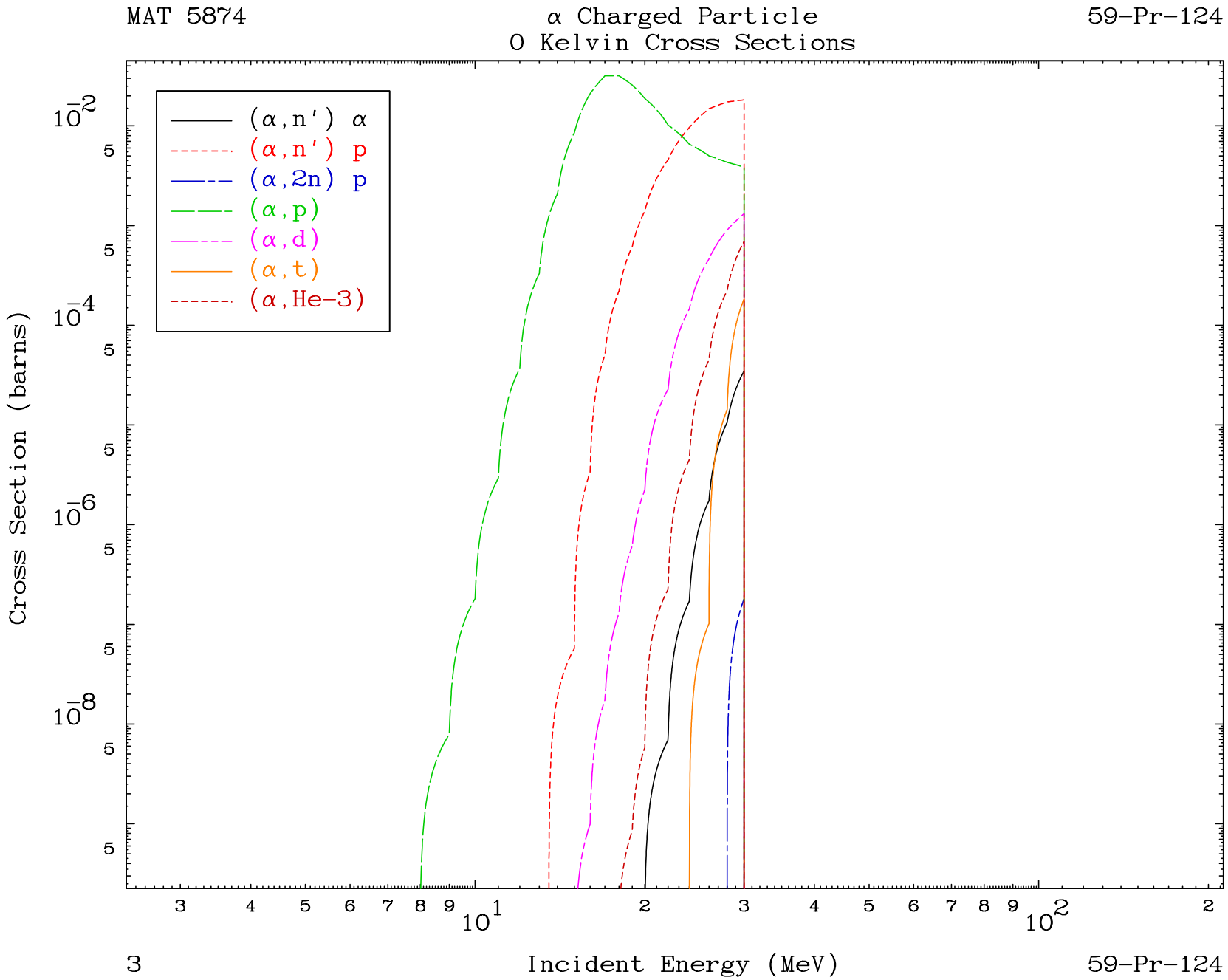
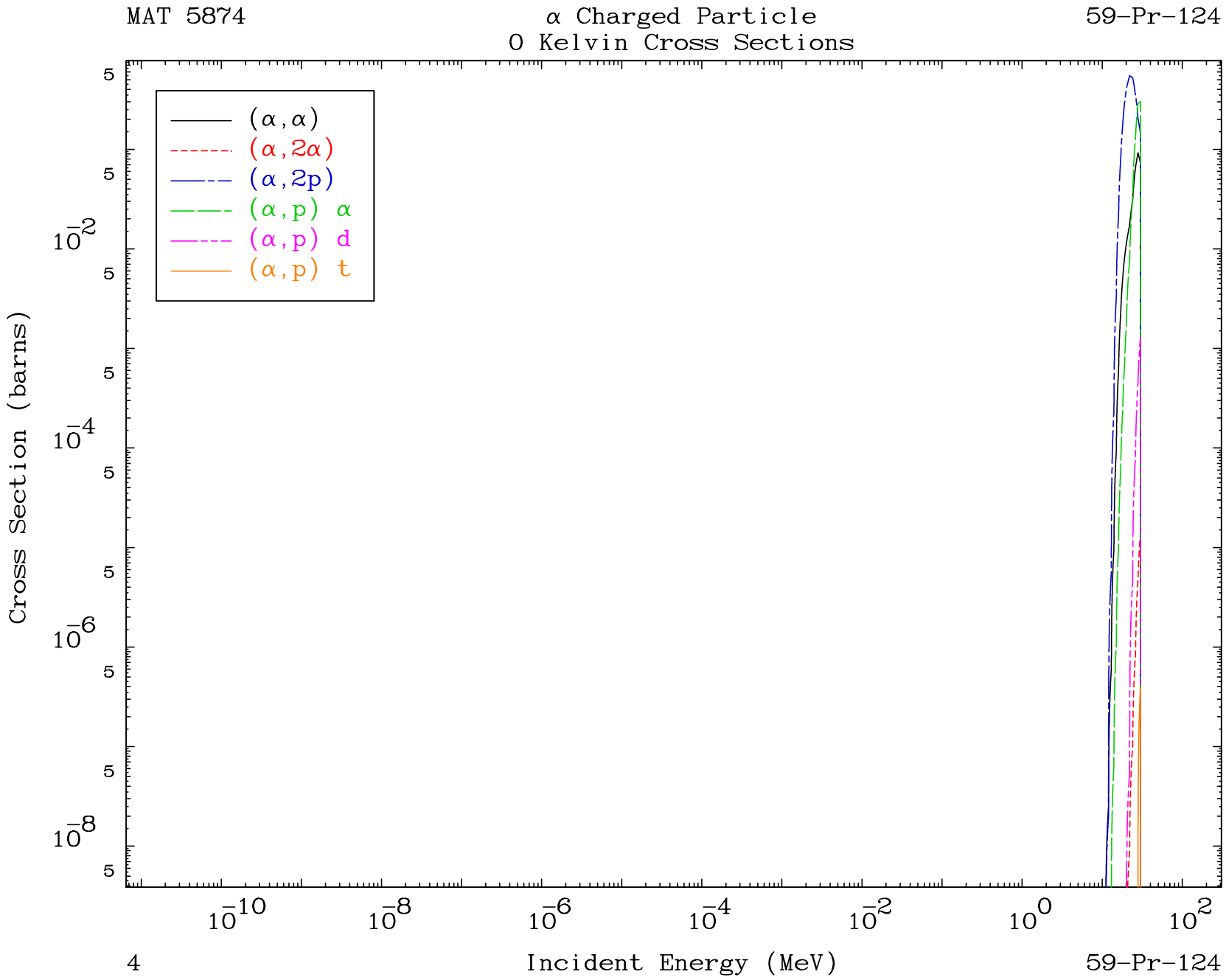
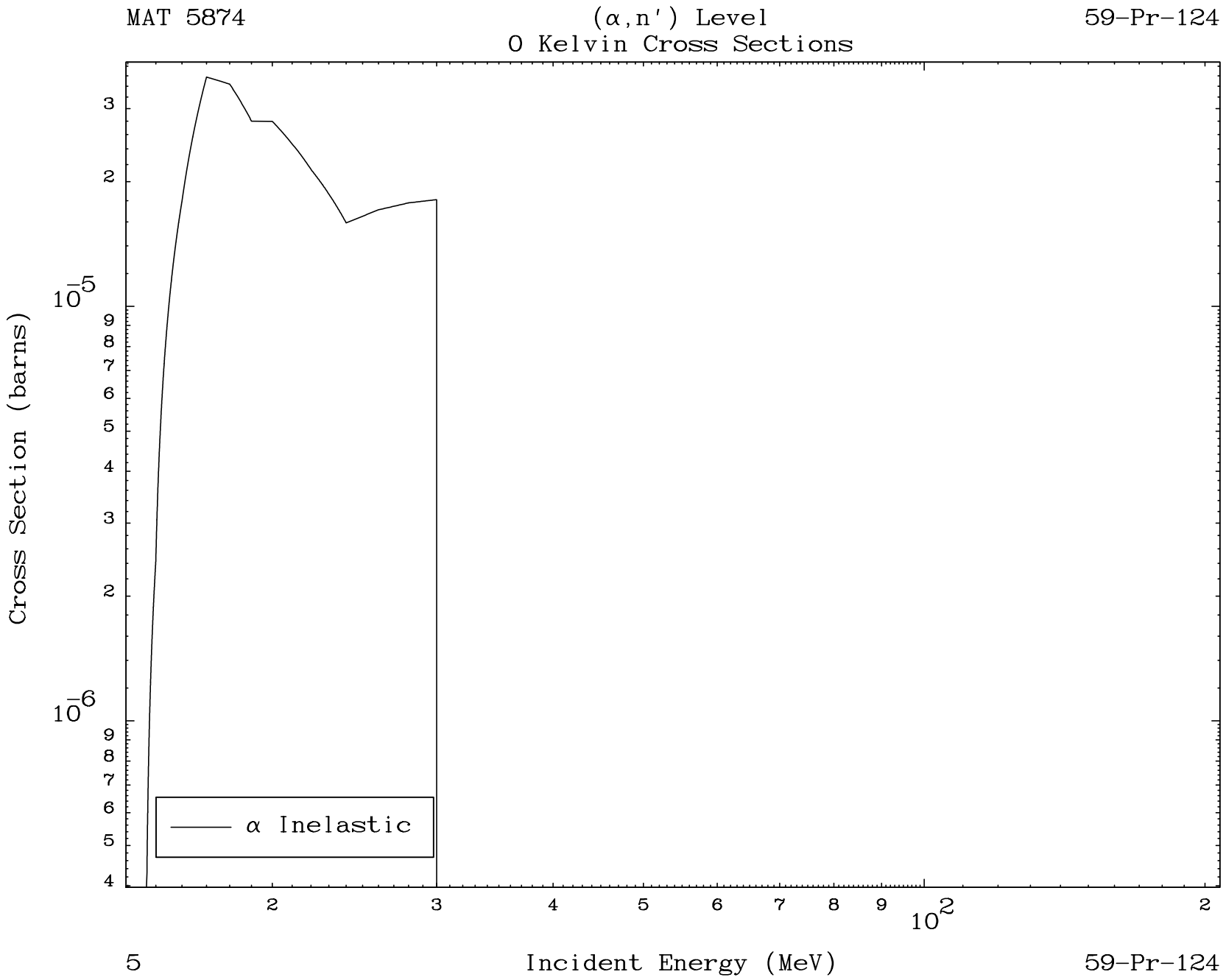
Press Mouse Button to Start

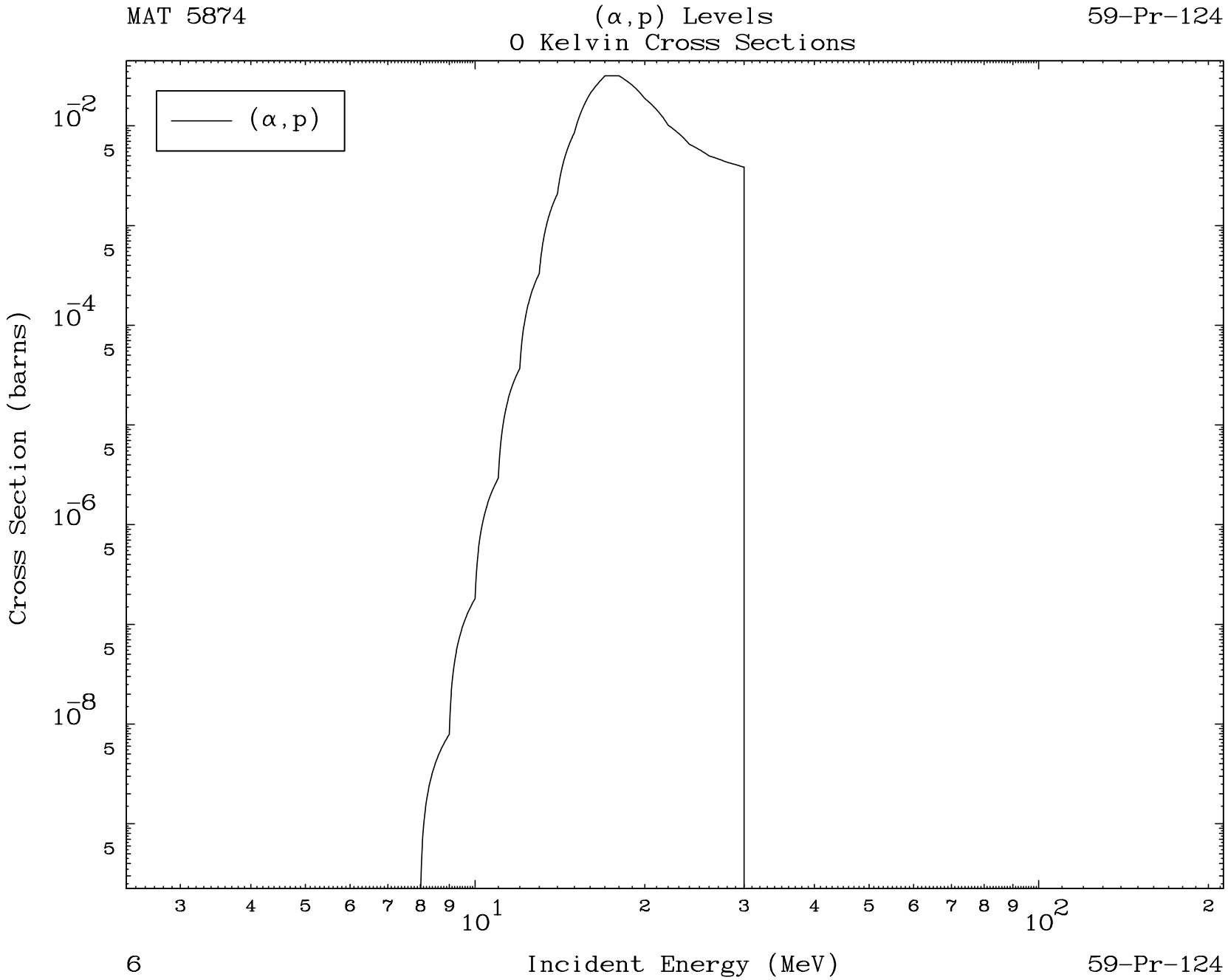

MAT 5874
α Major
59-Pr-124
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-124

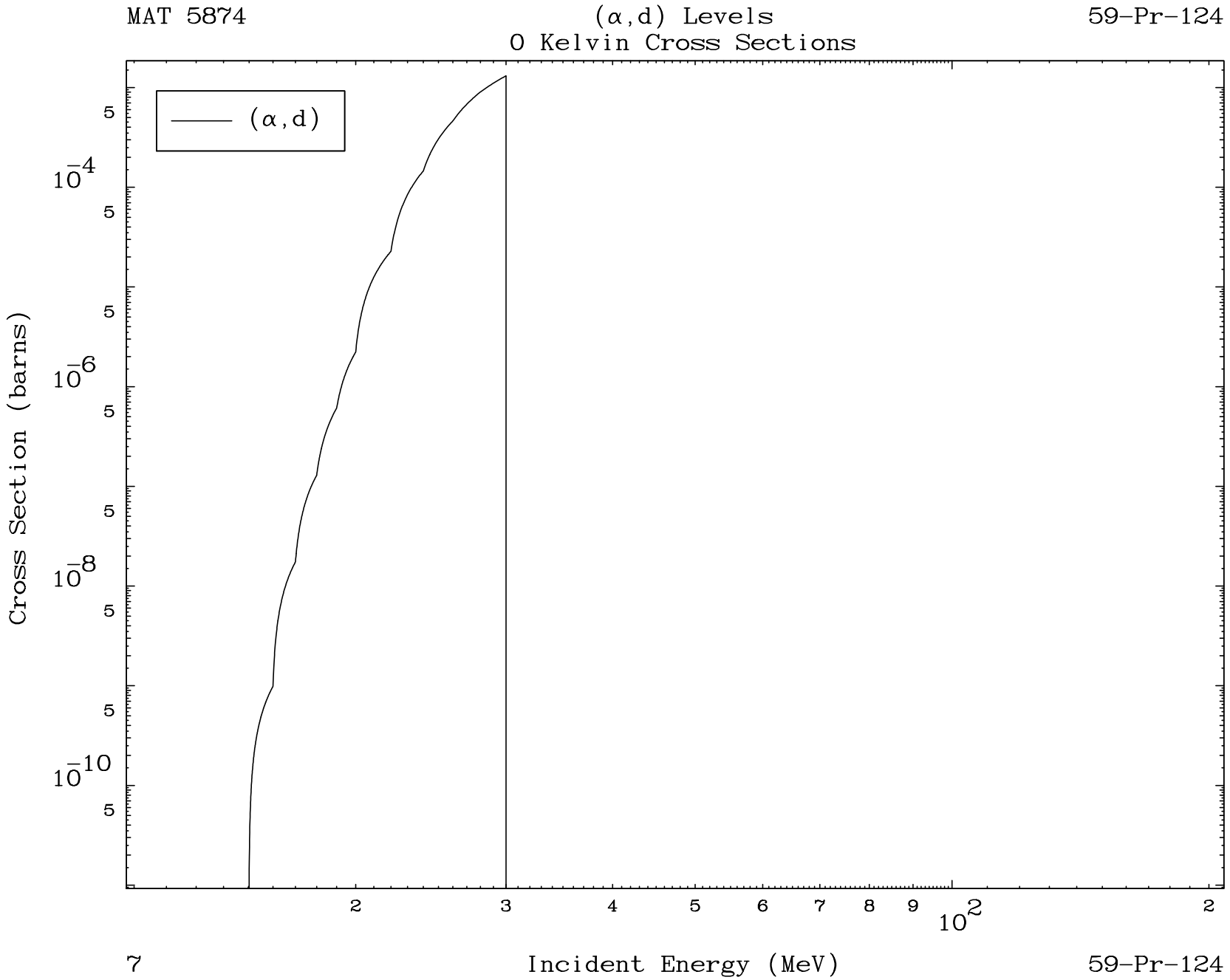

MAT 5874
α Neutron Production
0 Kelvin Cross Sections
59-Pr-124
(α,2n)
(α,n') α
(α,n') p
(α,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
59-Pr-124

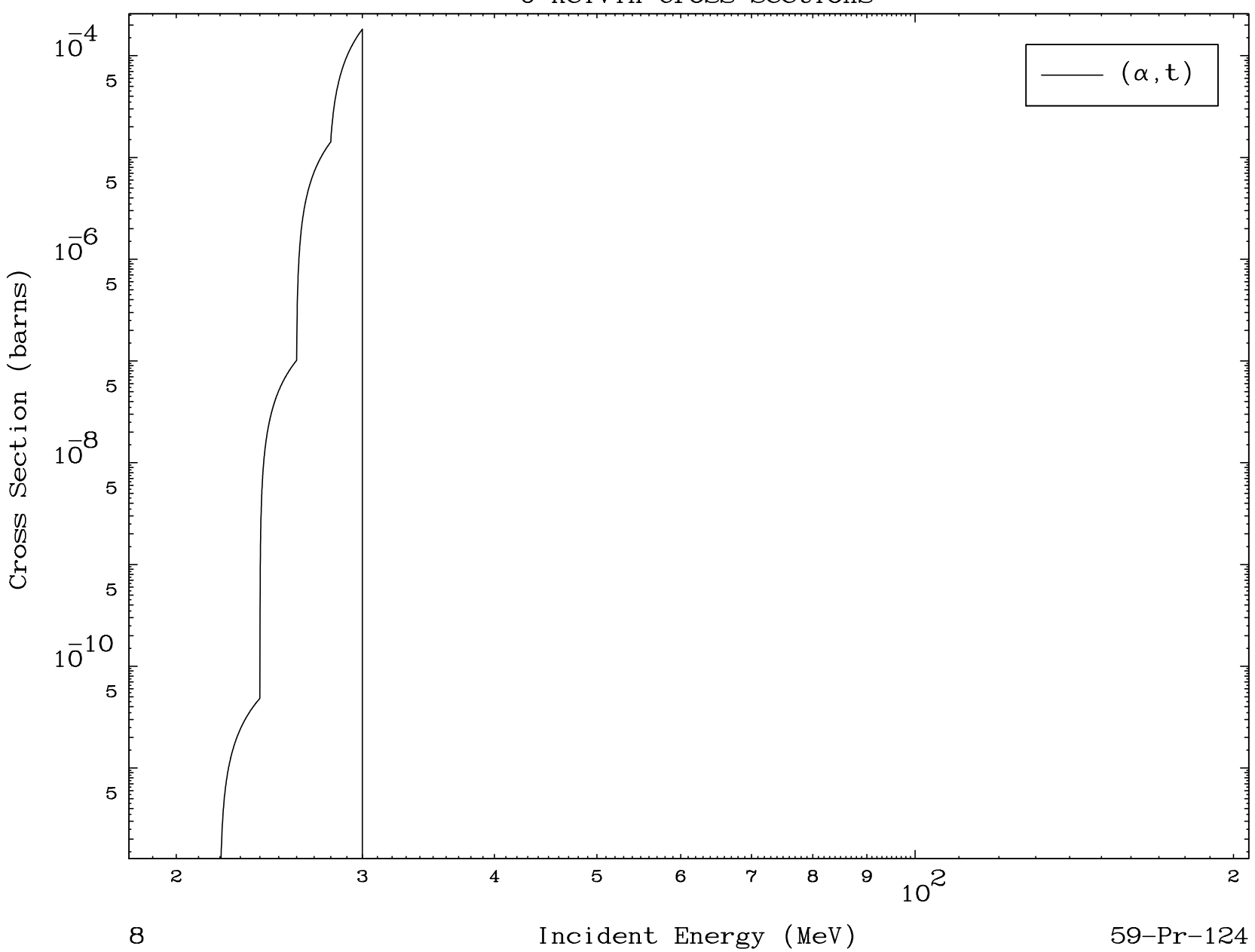

MAT 5874
α Charged Particle
0 Kelvin Cross Sections
59-Pr-124
(α,n') α
(α,n') p
(α,2n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
59-Pr-124

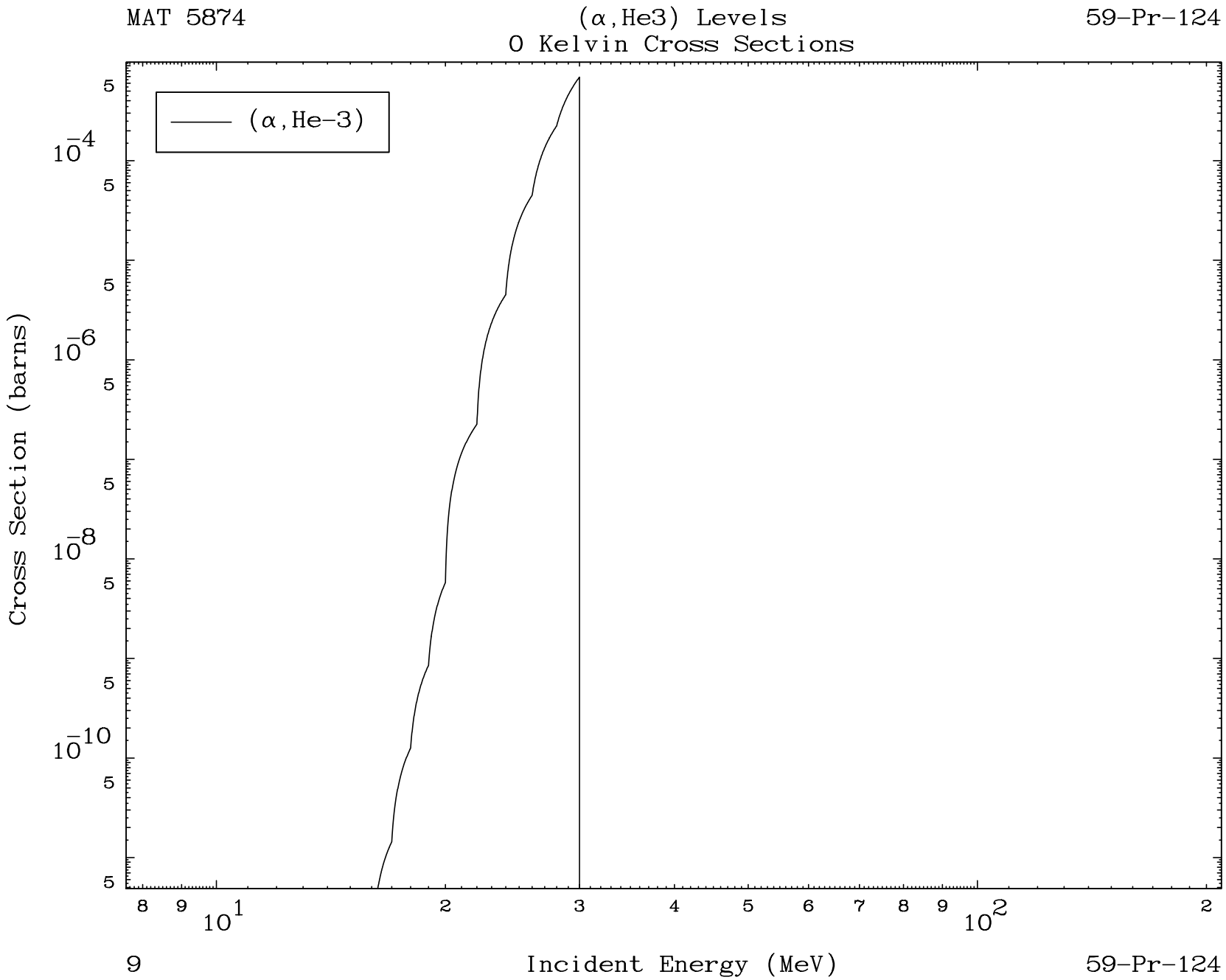

MAT 5874
α Charged Particle
0 Kelvin Cross Sections
59-Pr-124
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
59-Pr-124

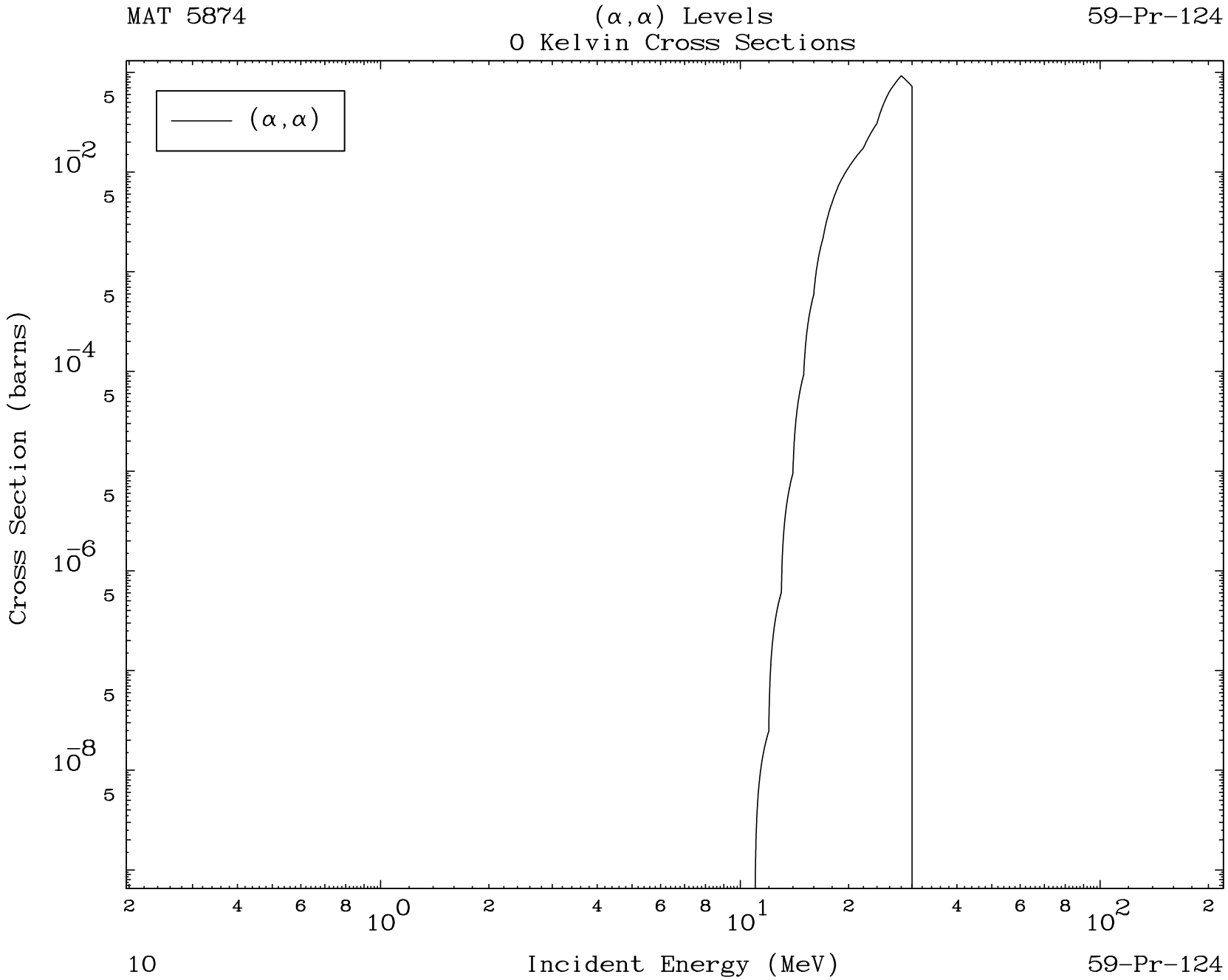

MAT 5874
(α,n') Level
59-Pr-124
0 Kelvin Cross Sections
Cross Section (barns)
10-5
10-6
α Inelastic
10^2
Incident Energy (MeV)
5
59-Pr-124


MAT 5874
(α,p) Levels
59-Pr-124
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
6
59-Pr-124


MAT 5874
(α,d) Levels
59-Pr-124
0 Kelvin Cross Sections
(α,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)
59-Pr-124


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


MAT 5874
(α,He3) Levels
59-Pr-124
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
59-Pr-124


MAT 5874
(α,α) Levels
59-Pr-124
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-124
10