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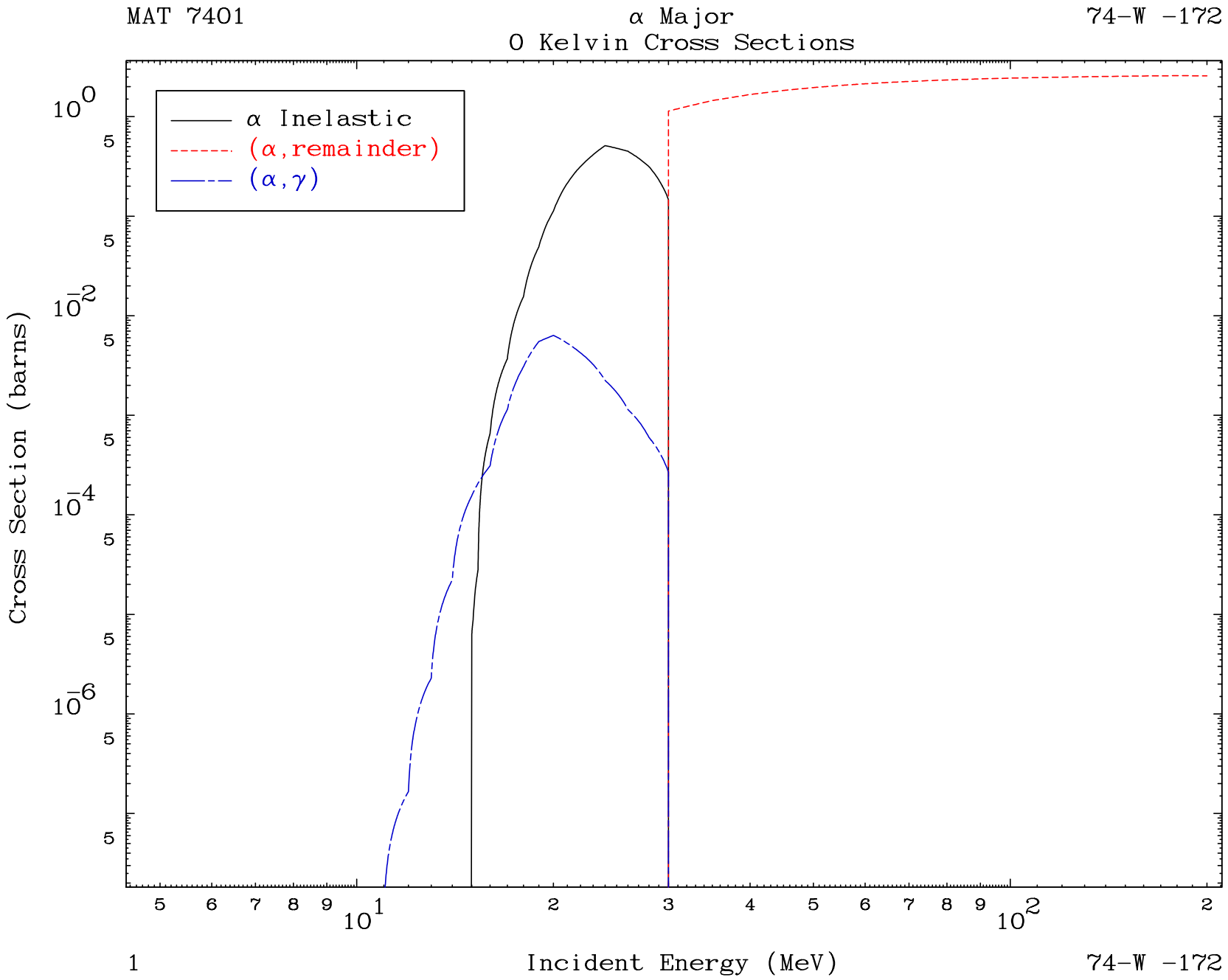
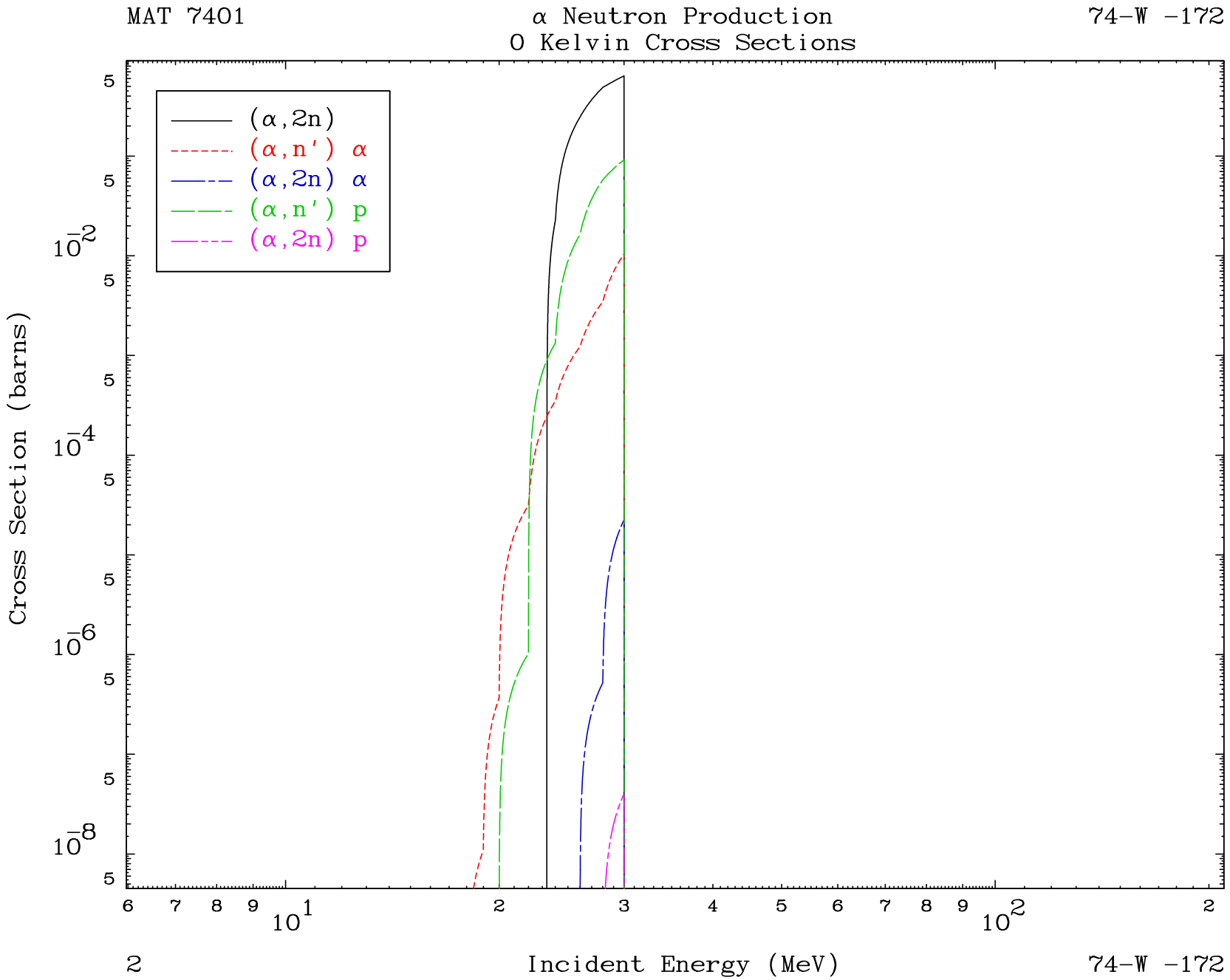
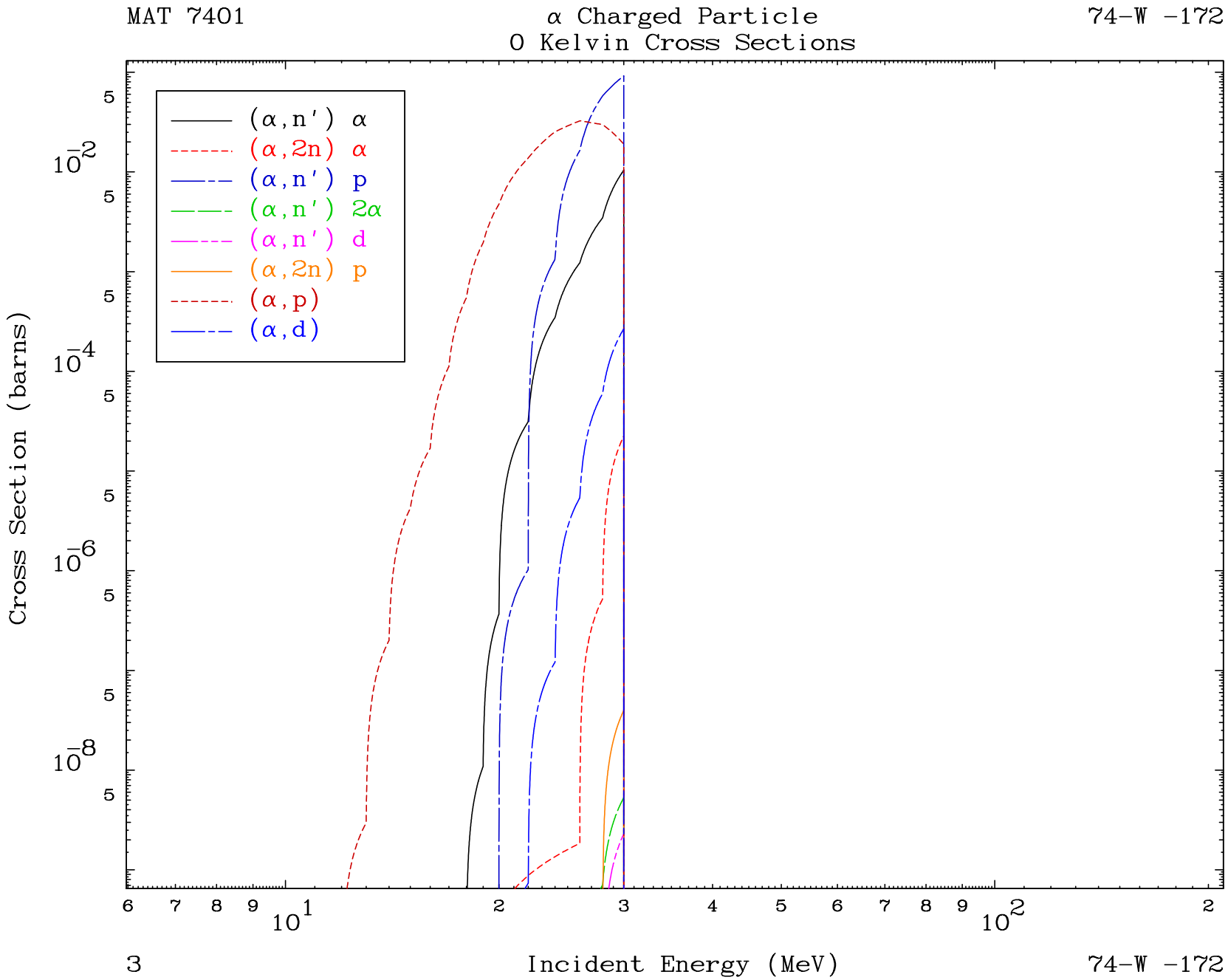
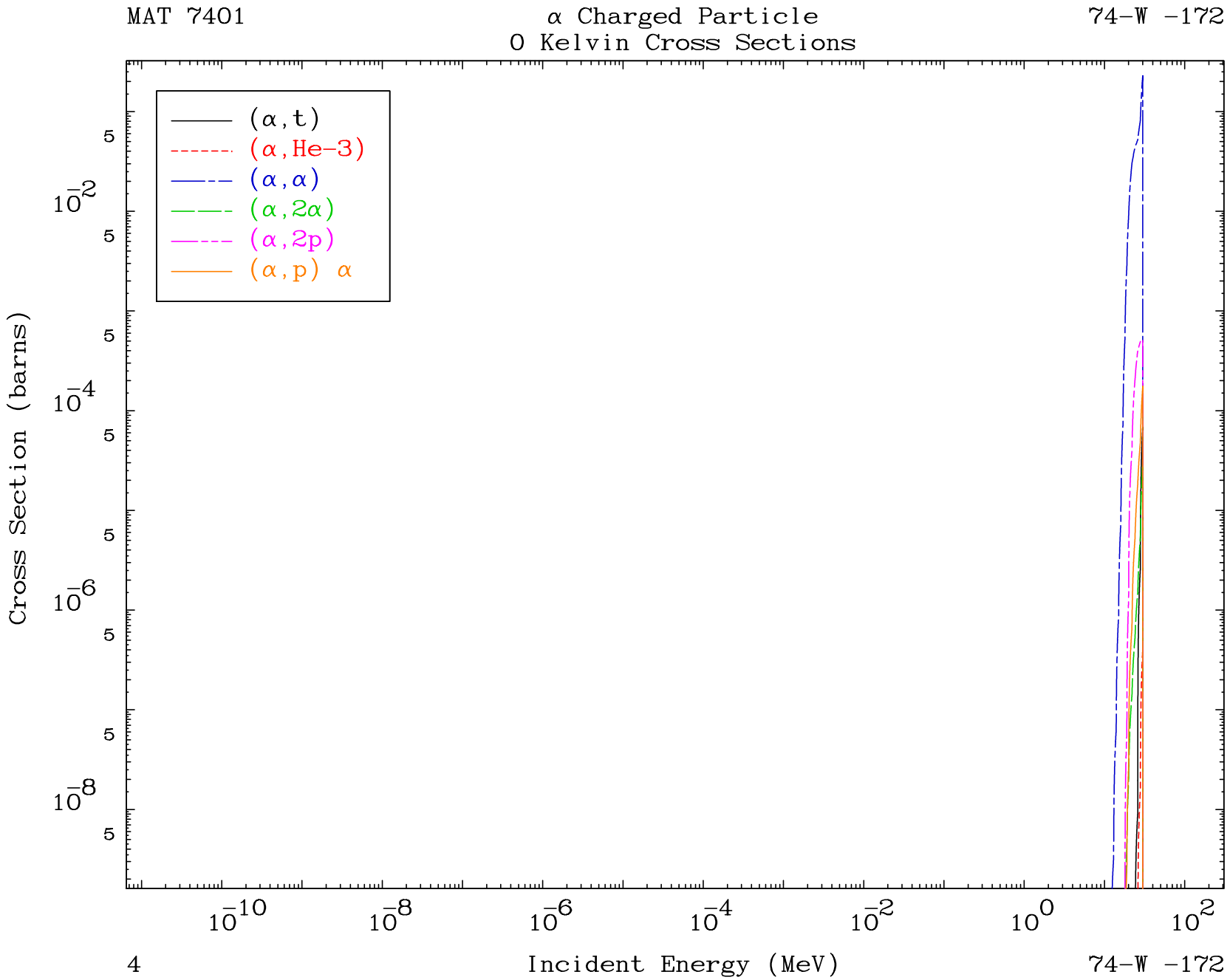
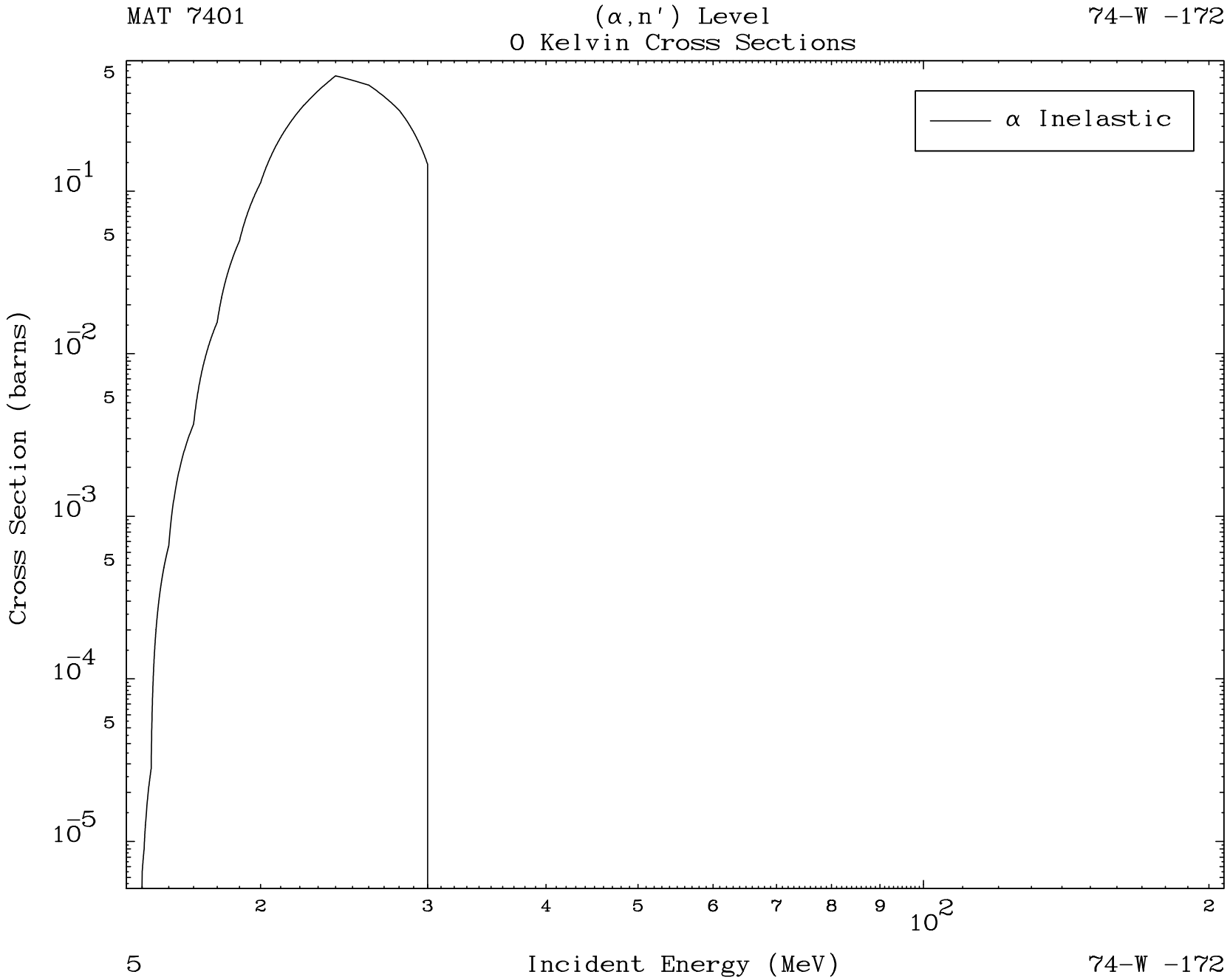
Press Mouse Button to Start

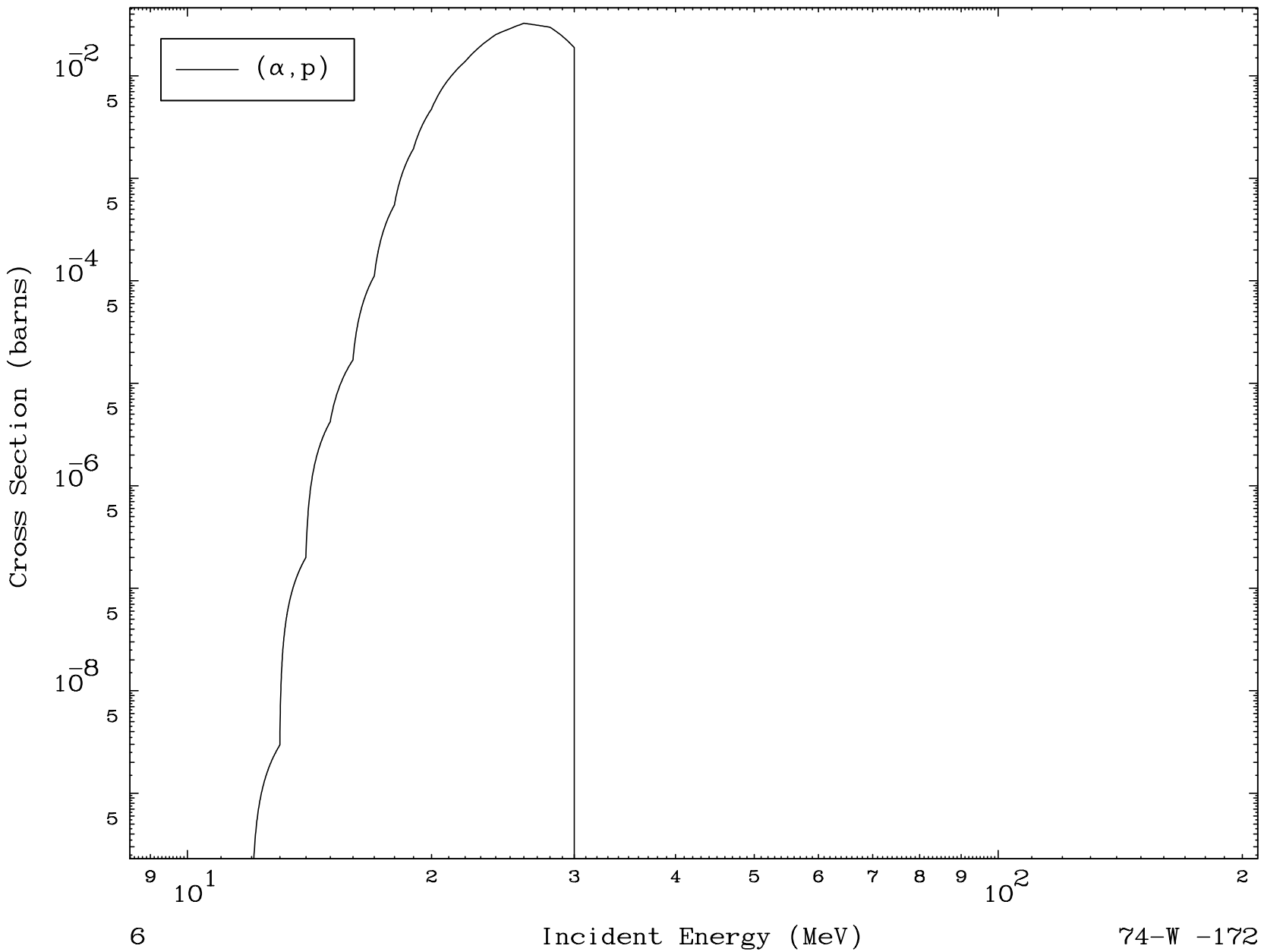

MAT 7401
α Major
74-W -172
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
74-W -172

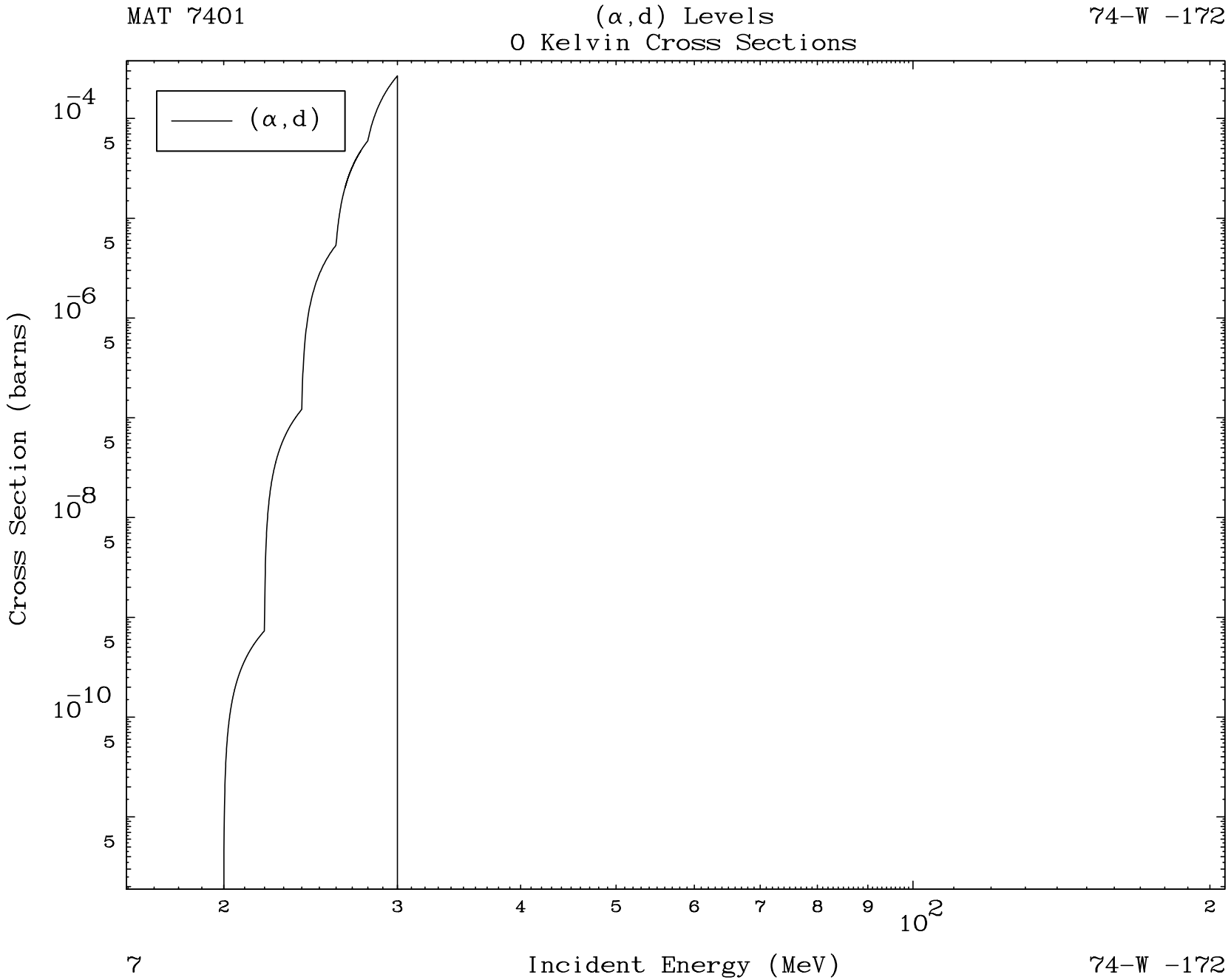

MAT 7401
α Neutron Production
0 Kelvin Cross Sections
74-W -172
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
74-W -172
2

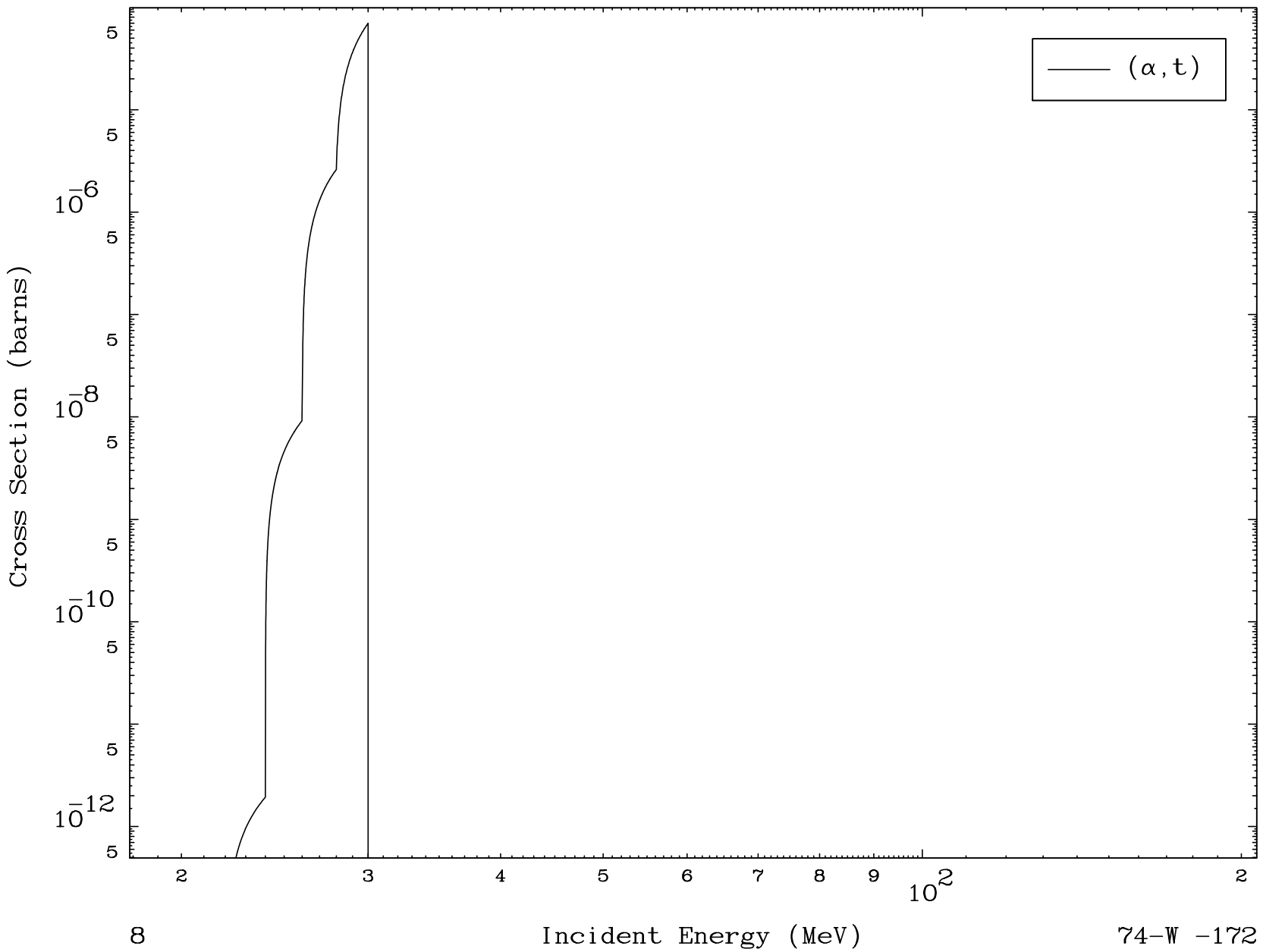

MAT 7401
α Charged Particle
0 Kelvin Cross Sections
74-W -172
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
74-W -172

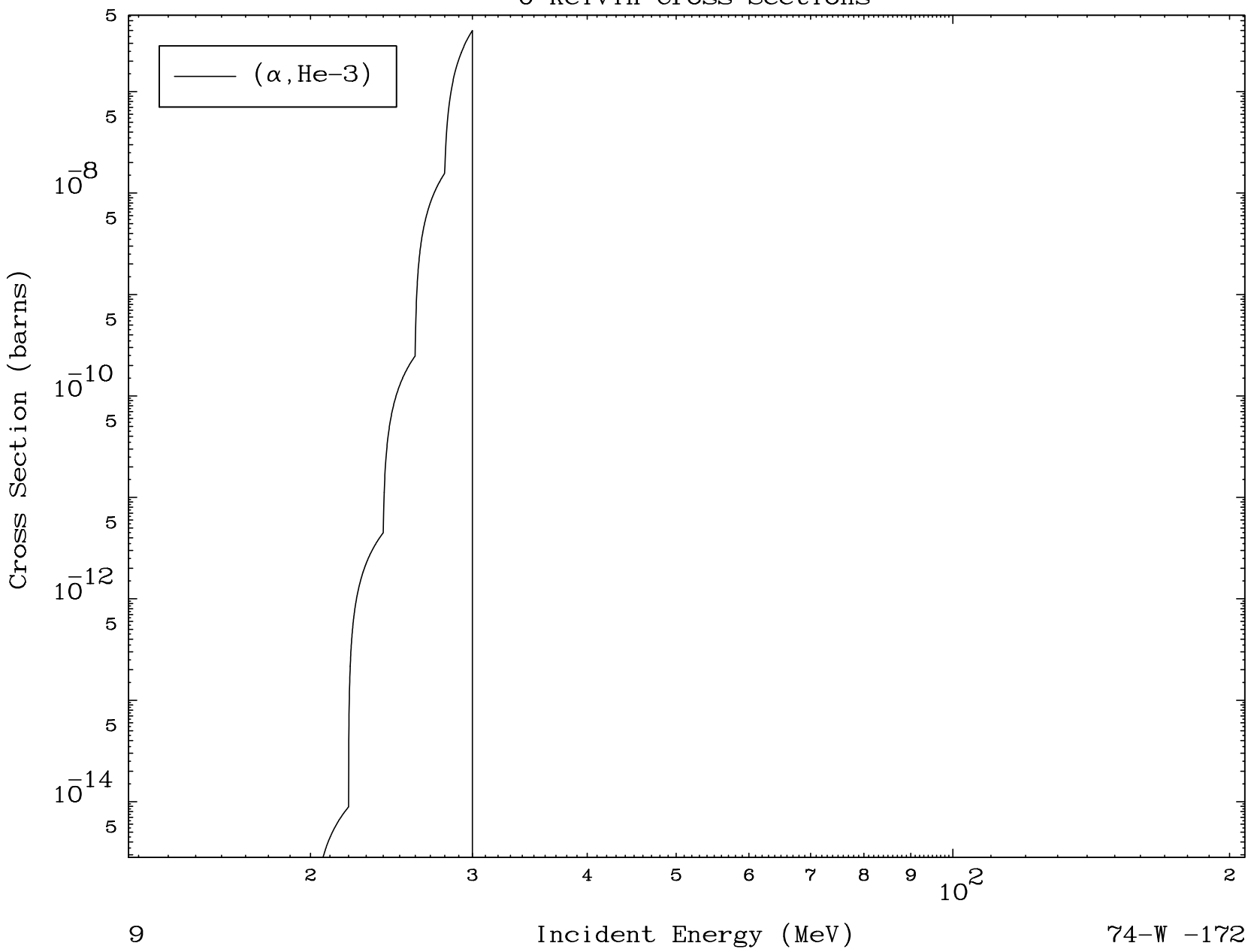

MAT 7401
α Charged Particle
0 Kelvin Cross Sections
74-W -172
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
74-W -172

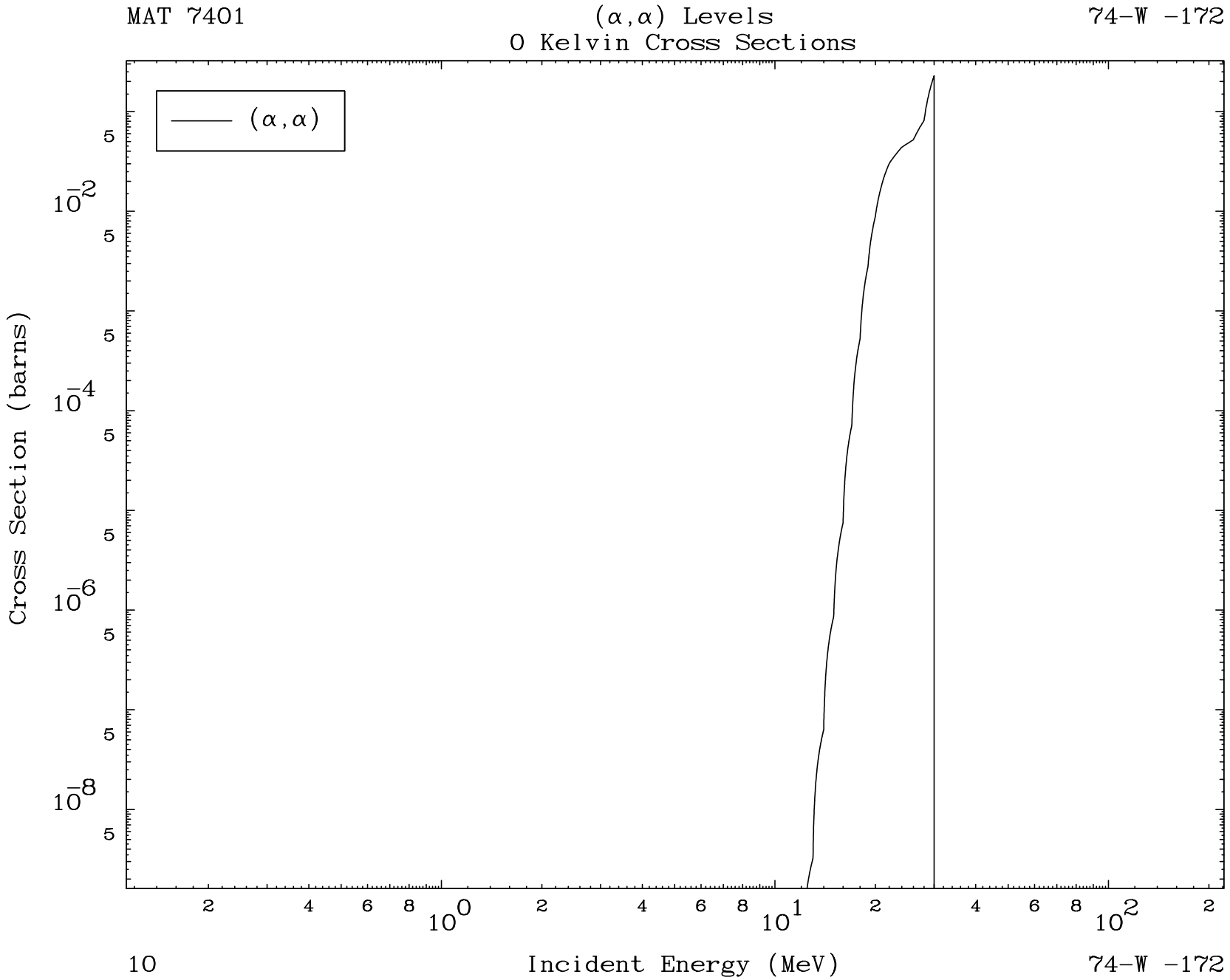

MAT 7401
(α,n') Level
74-W -172
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
74-W -172


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


MAT 7401
(α,d) Levels
74-W -172
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
Incident Energy (MeV)
7
74-W -172


0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10⁻⁶
10⁻⁸
10⁻¹⁰
10⁻¹²
5
2
3
4
5
6
7
8
9
10²
2
Incident Energy (MeV)


0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 7401
(α,α) Levels
74-W -172
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)
10
74-W -172