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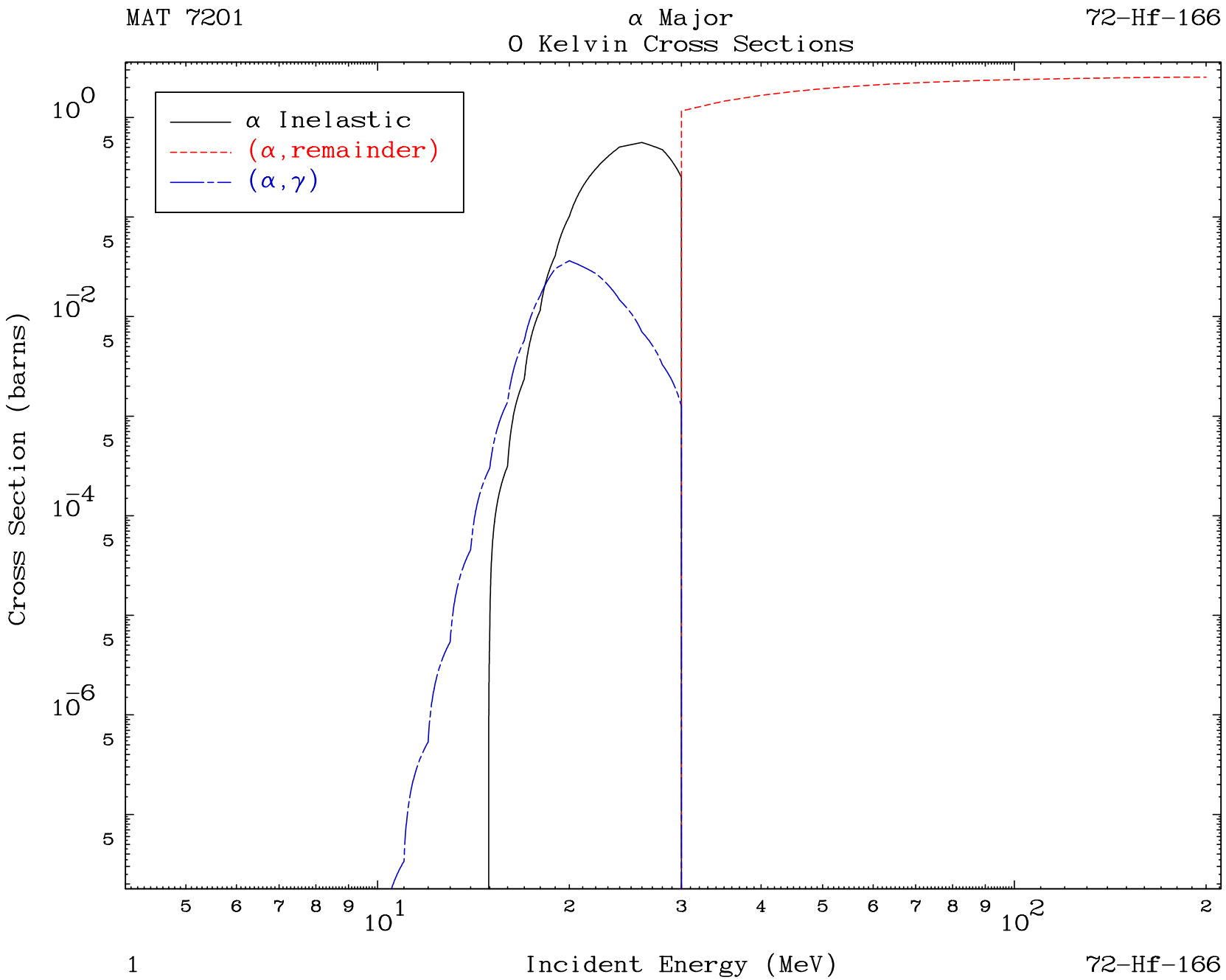
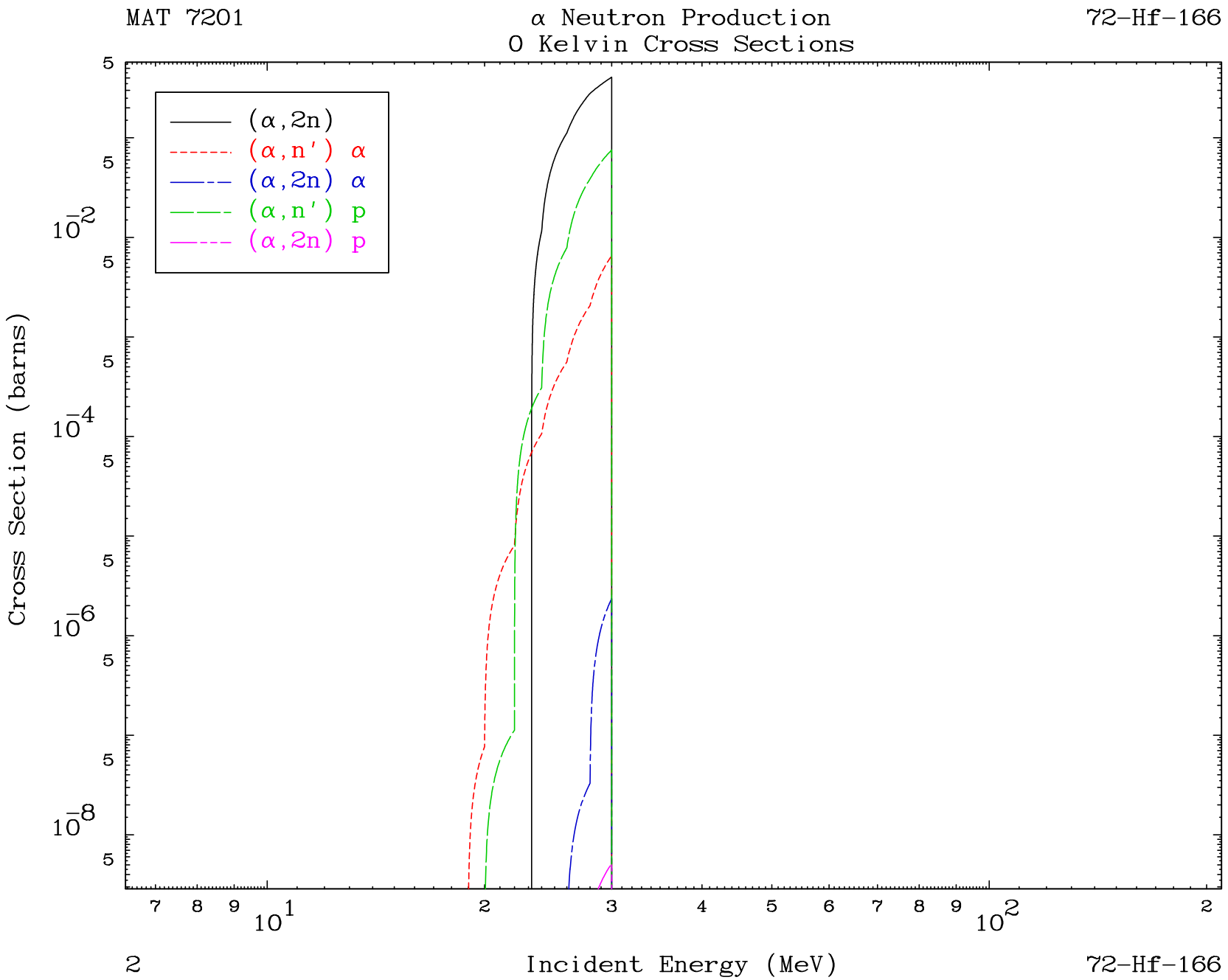
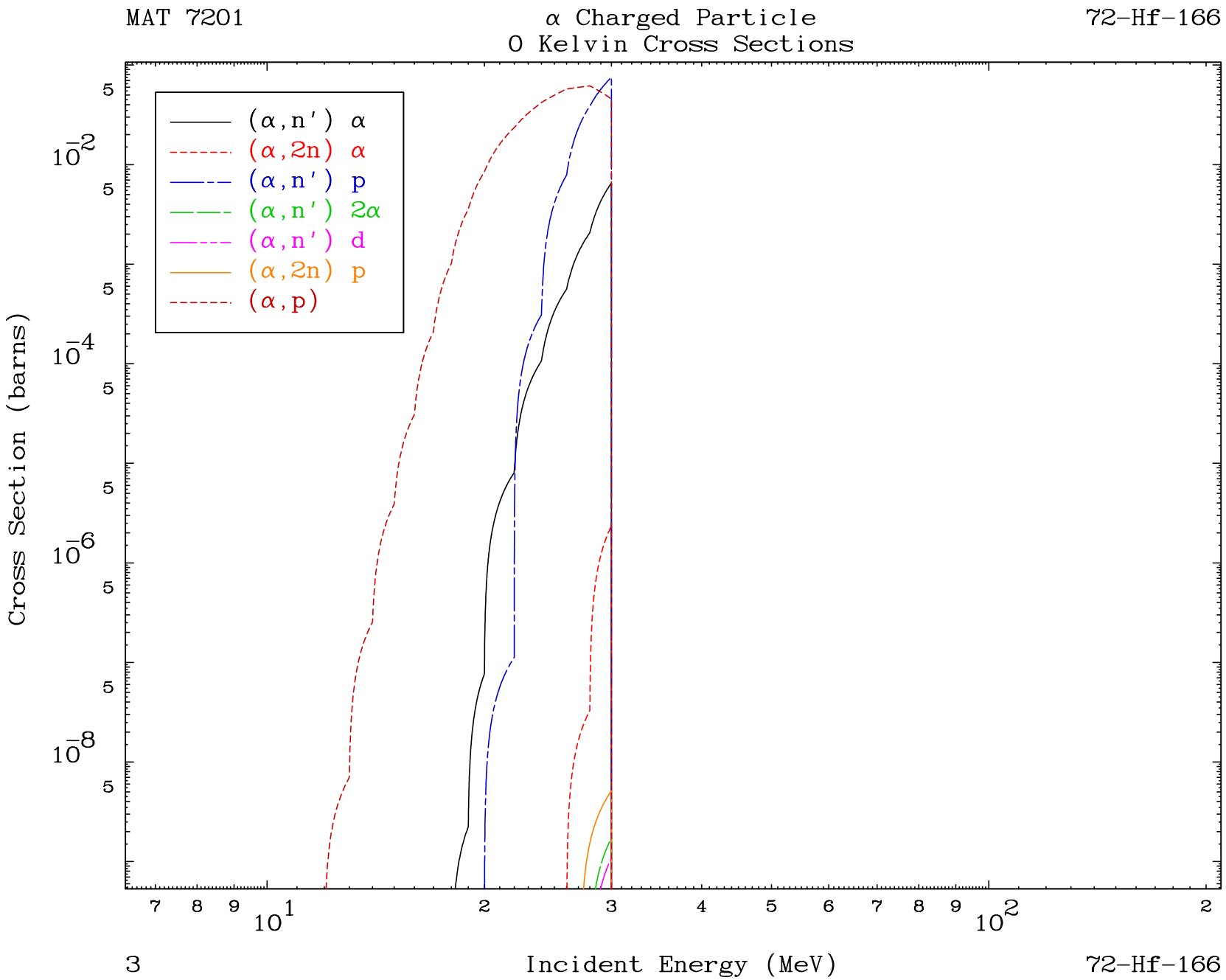
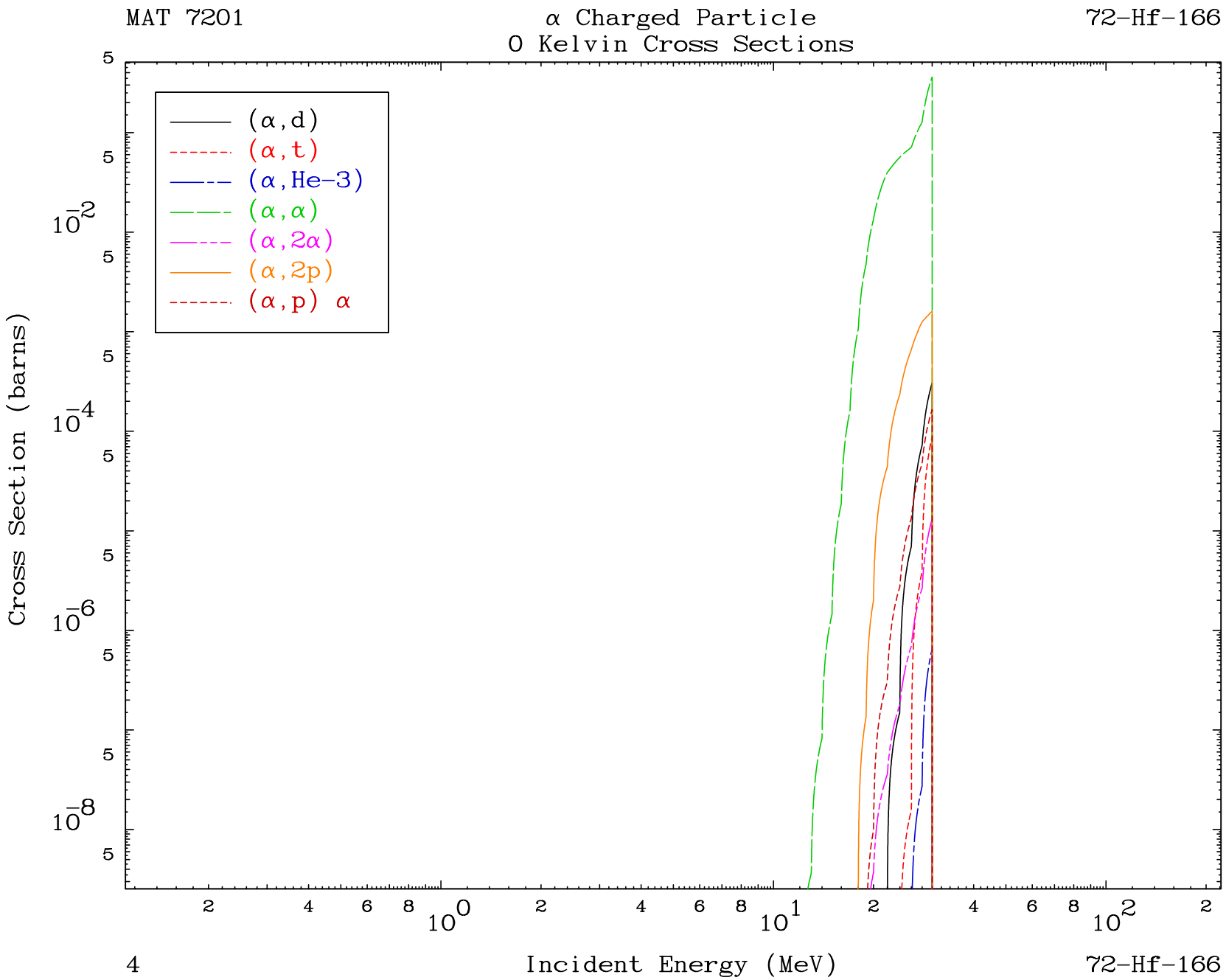
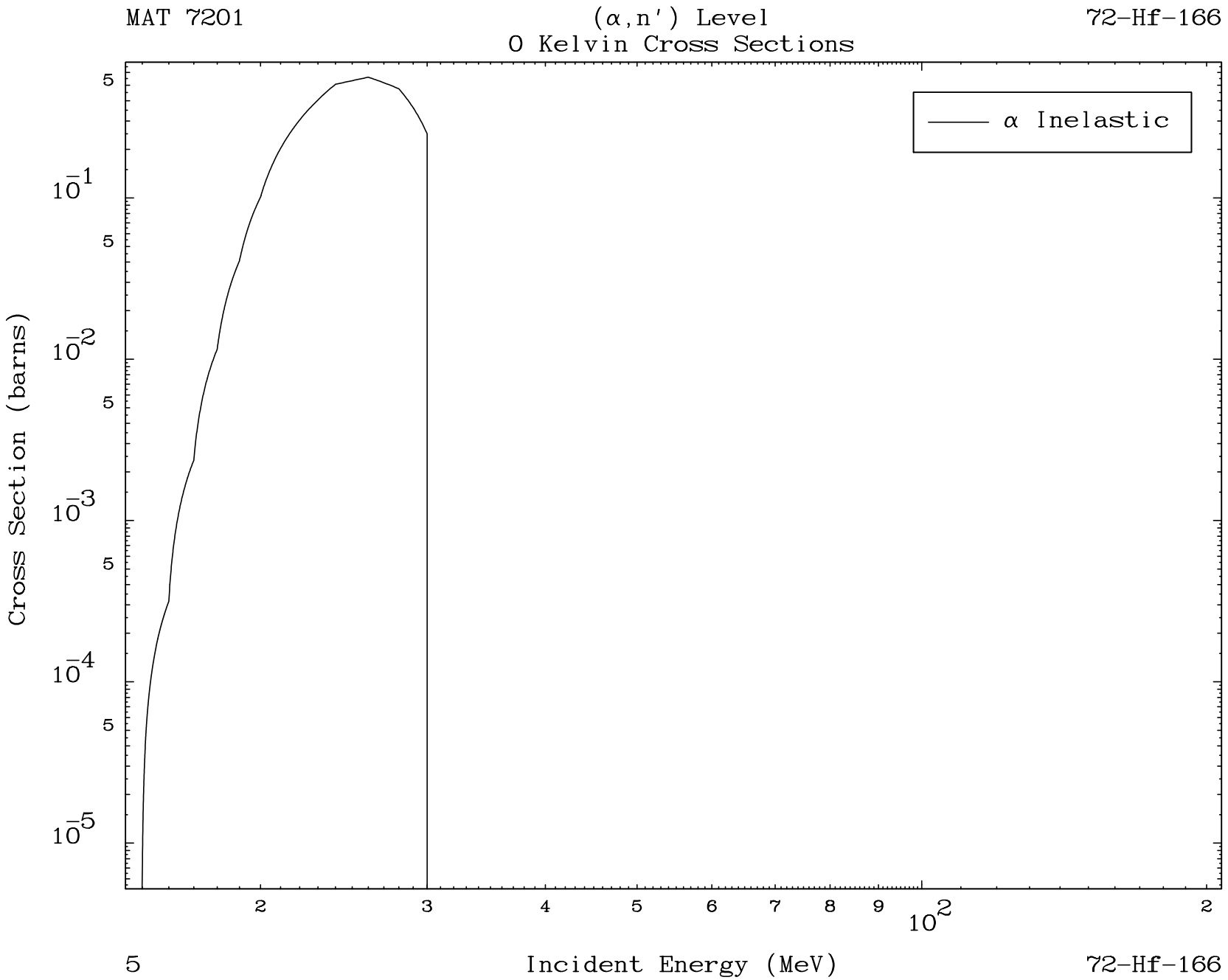
Press Mouse Button to Start

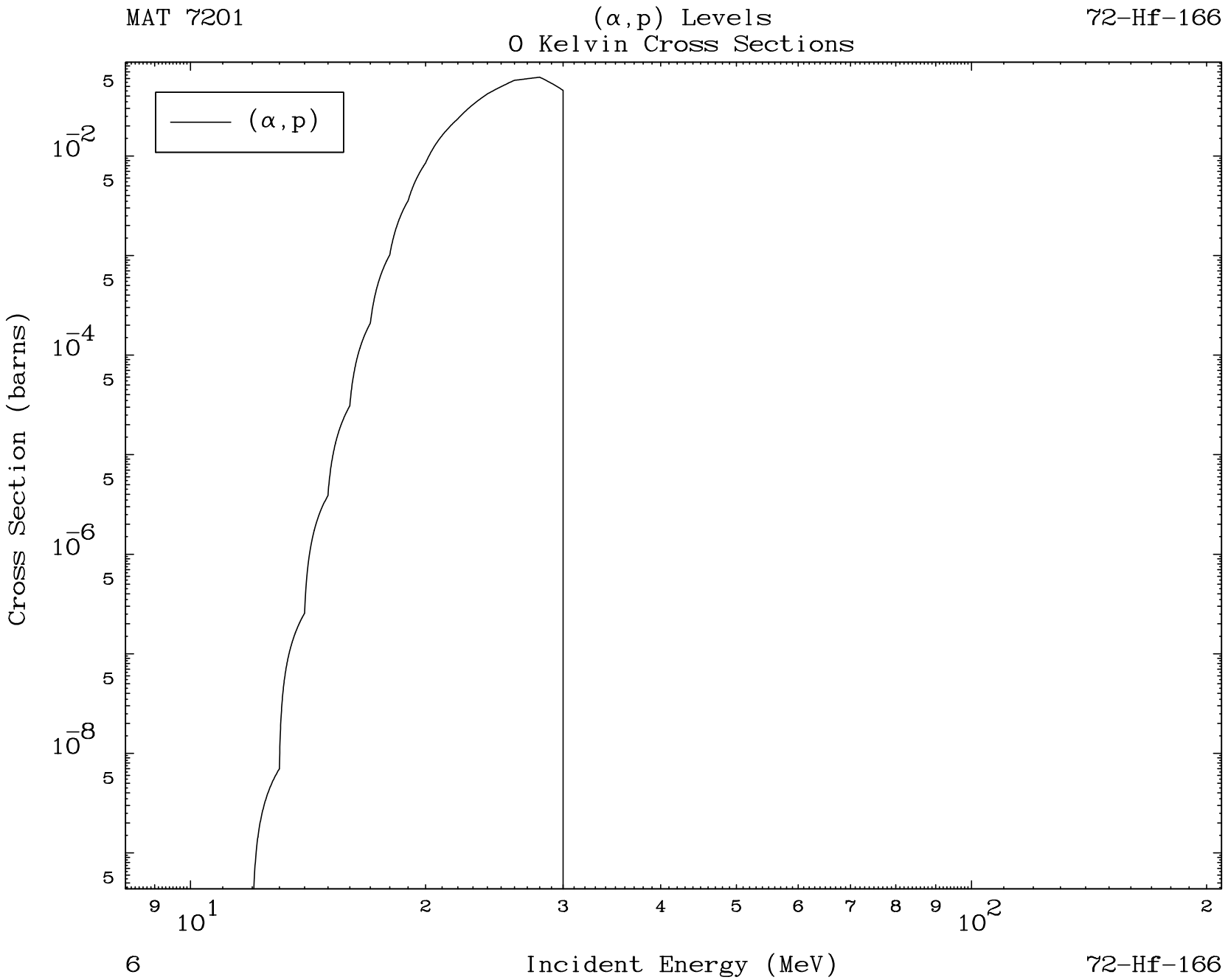

MAT 7201
α Major
72-Hf-166
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-166

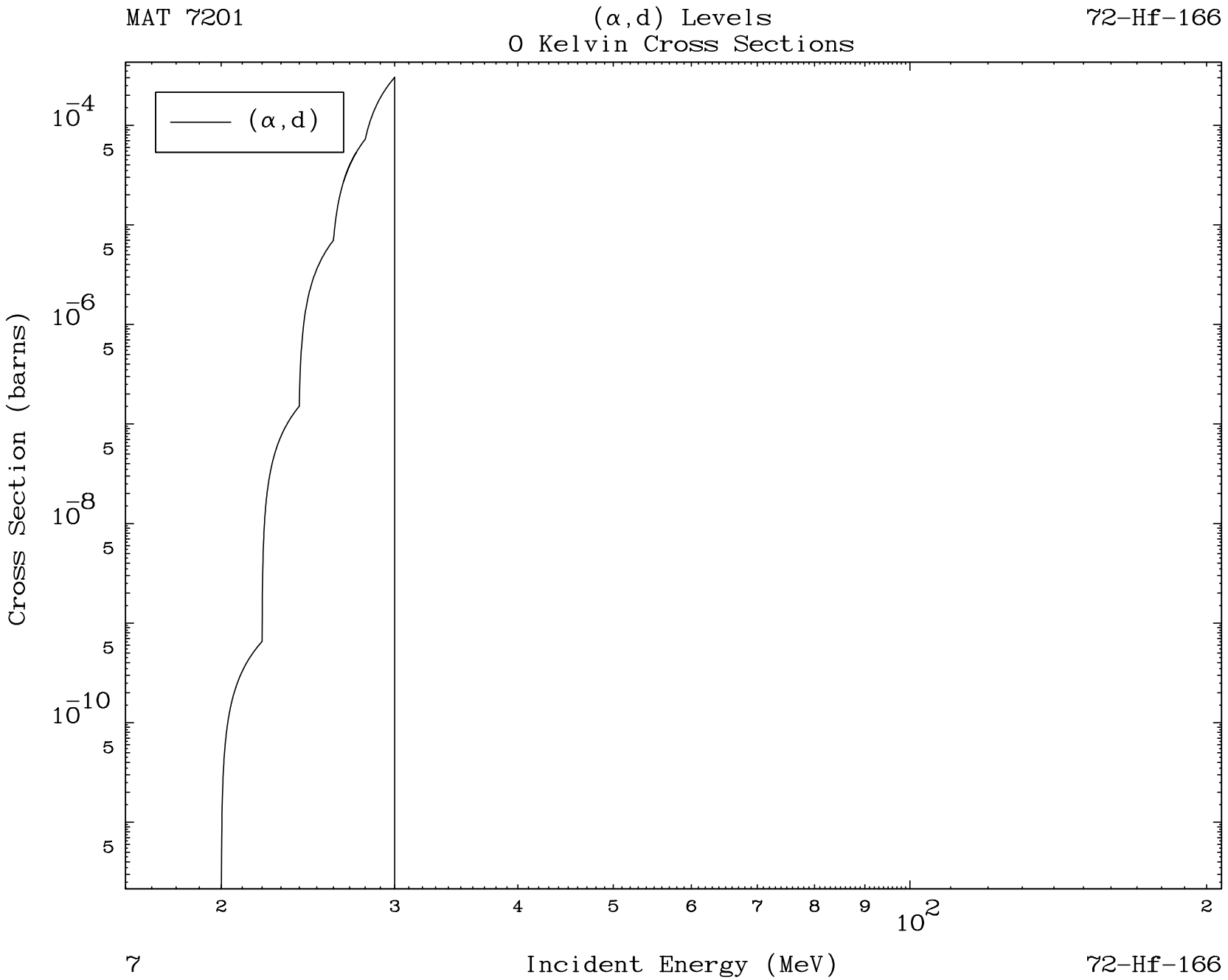

MAT 7201
α Neutron Production
0 Kelvin Cross Sections
72-Hf-166
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
72-Hf-166

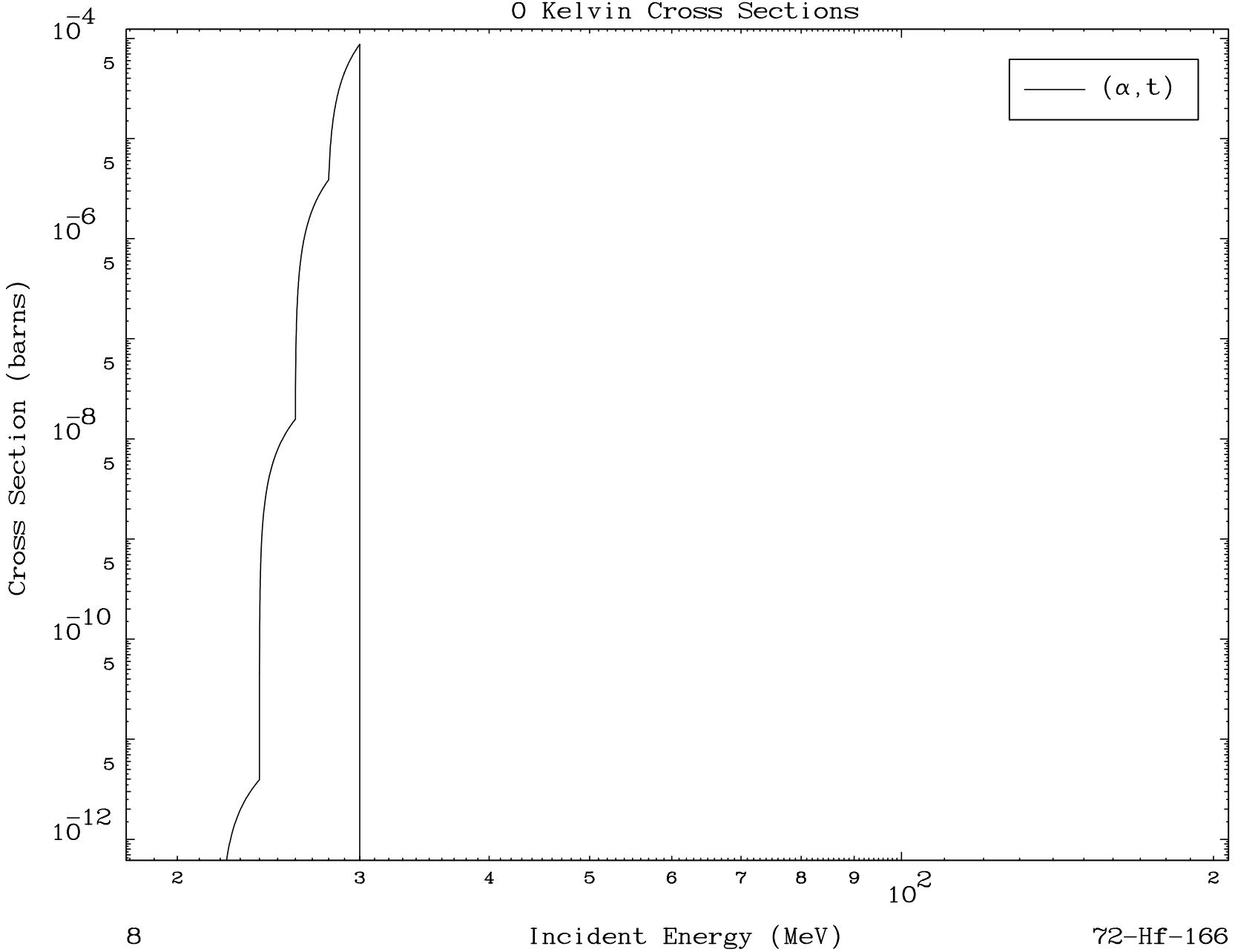

MAT 7201
α Charged Particle
0 Kelvin Cross Sections
72-Hf-166
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
3
72-Hf-166

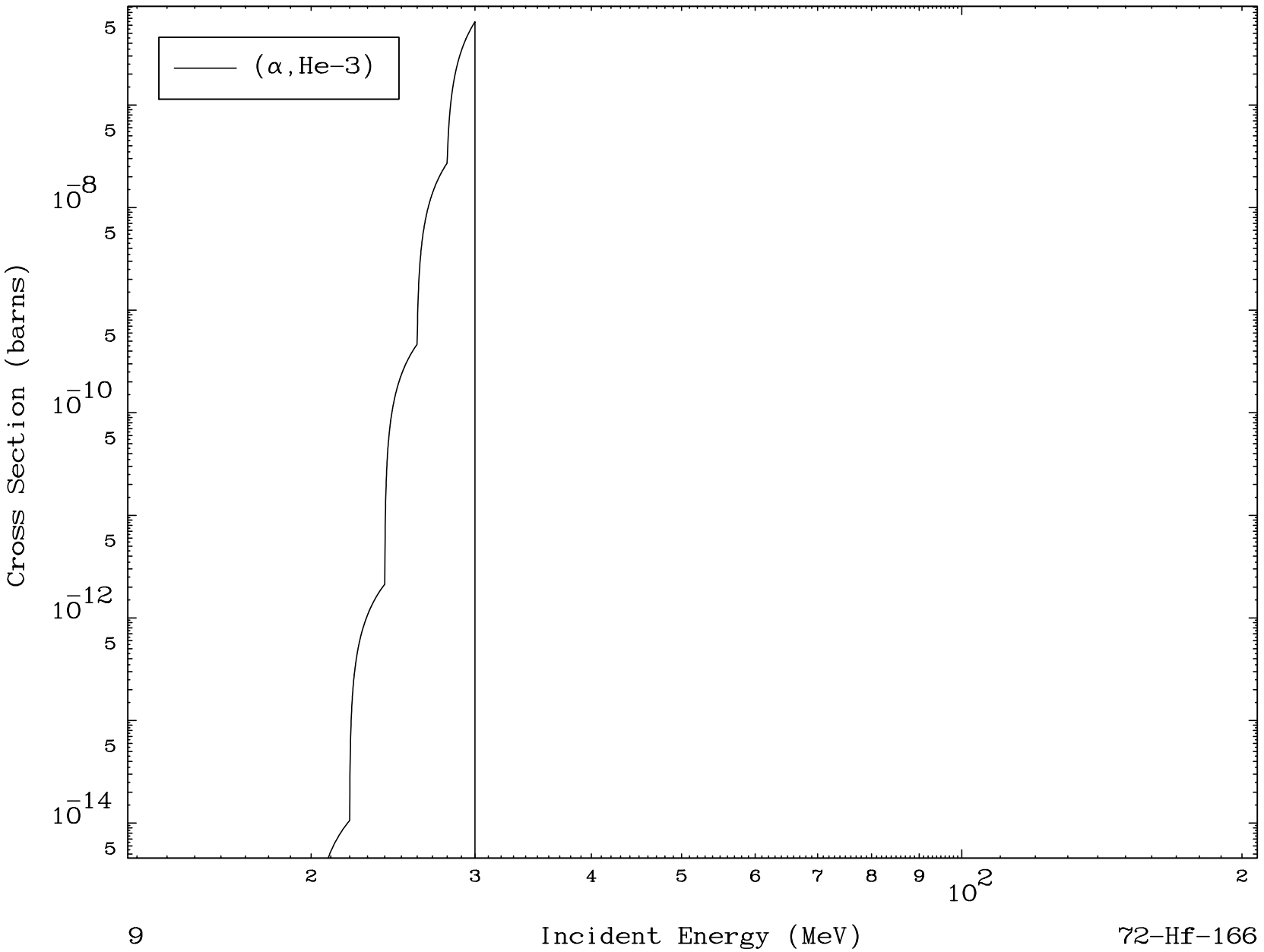

MAT 7201
α Charged Particle
0 Kelvin Cross Sections
72-Hf-166
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
72-Hf-166

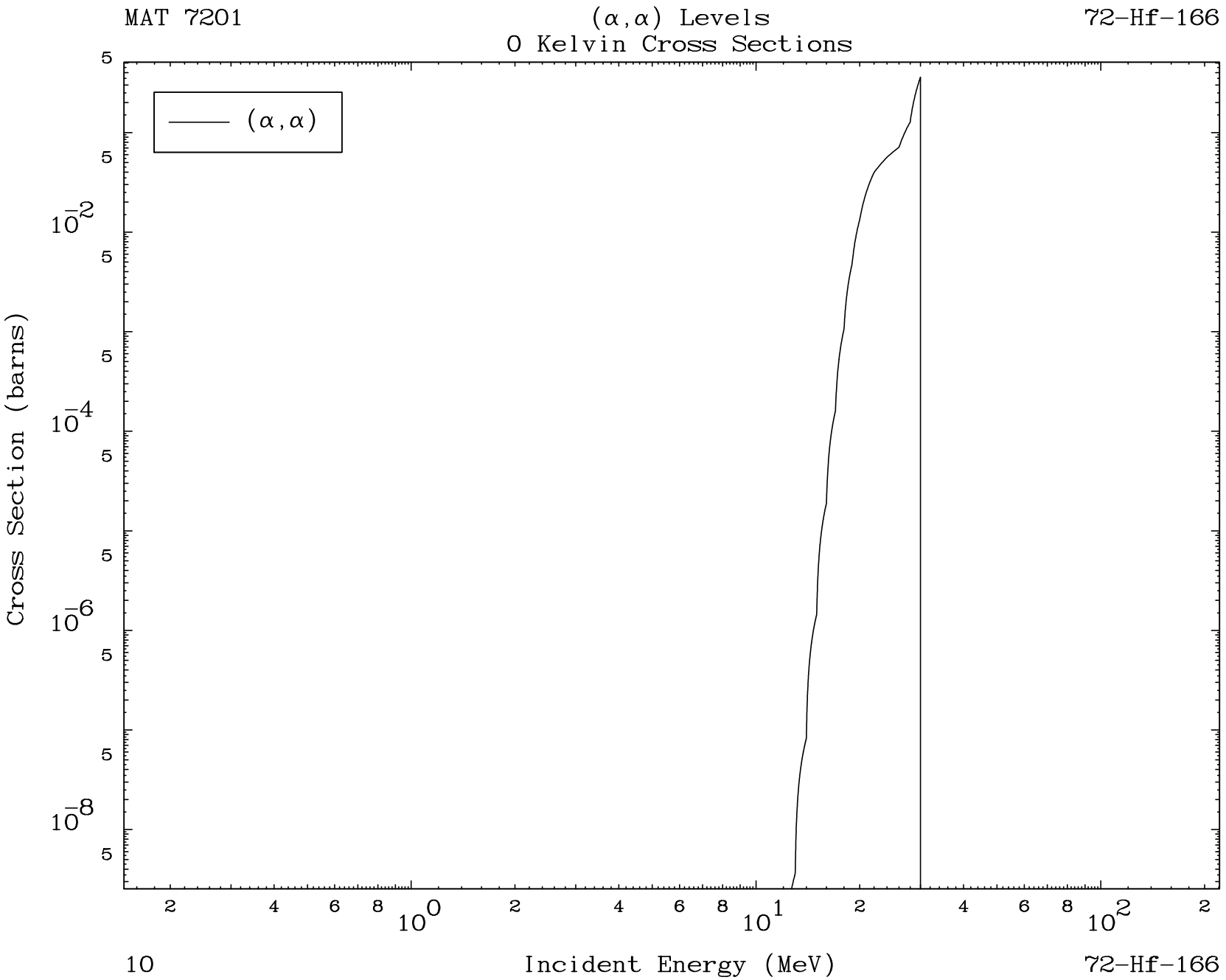

MAT 7201
(α,n') Level
72-Hf-166
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
5
10-1
5
10-2
5
10-3
5
10-4
5
10-5
2
3
4
5
6
7
8
9
10-2
2
5
Incident Energy (MeV)
72-Hf-166


MAT 7201
(α,p) Levels
72-Hf-166
0 Kelvin Cross Sections
(α,p)
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
Incident Energy (MeV)
6
72-Hf-166


MAT 7201
(α,d) Levels
72-Hf-166
0 Kelvin Cross Sections
(α,d)
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
7
Incident Energy (MeV)
72-Hf-166


0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
2
3
4
5
6
7
8
9
10^2
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 7201
(α,α) Levels
72-Hf-166
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-166