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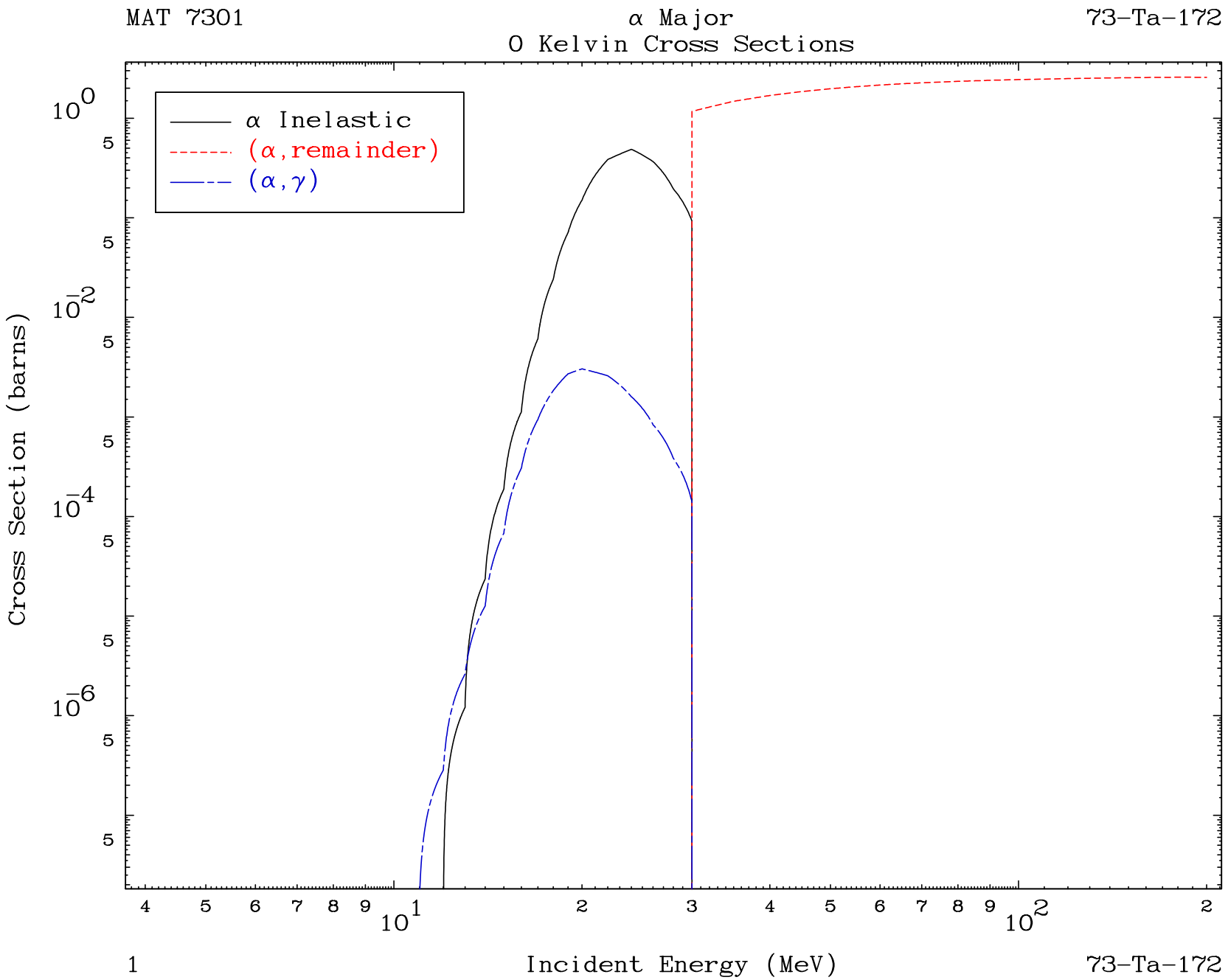
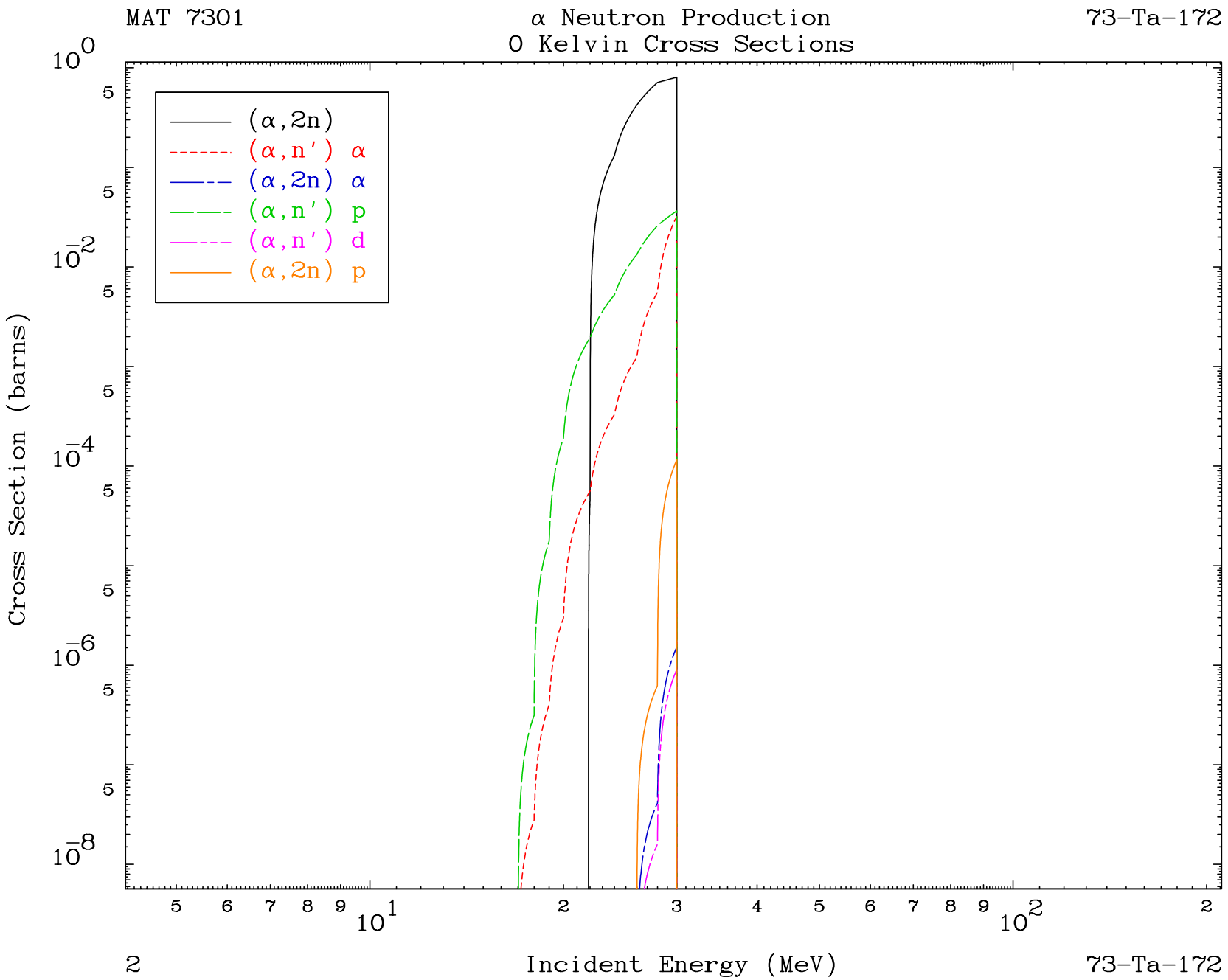
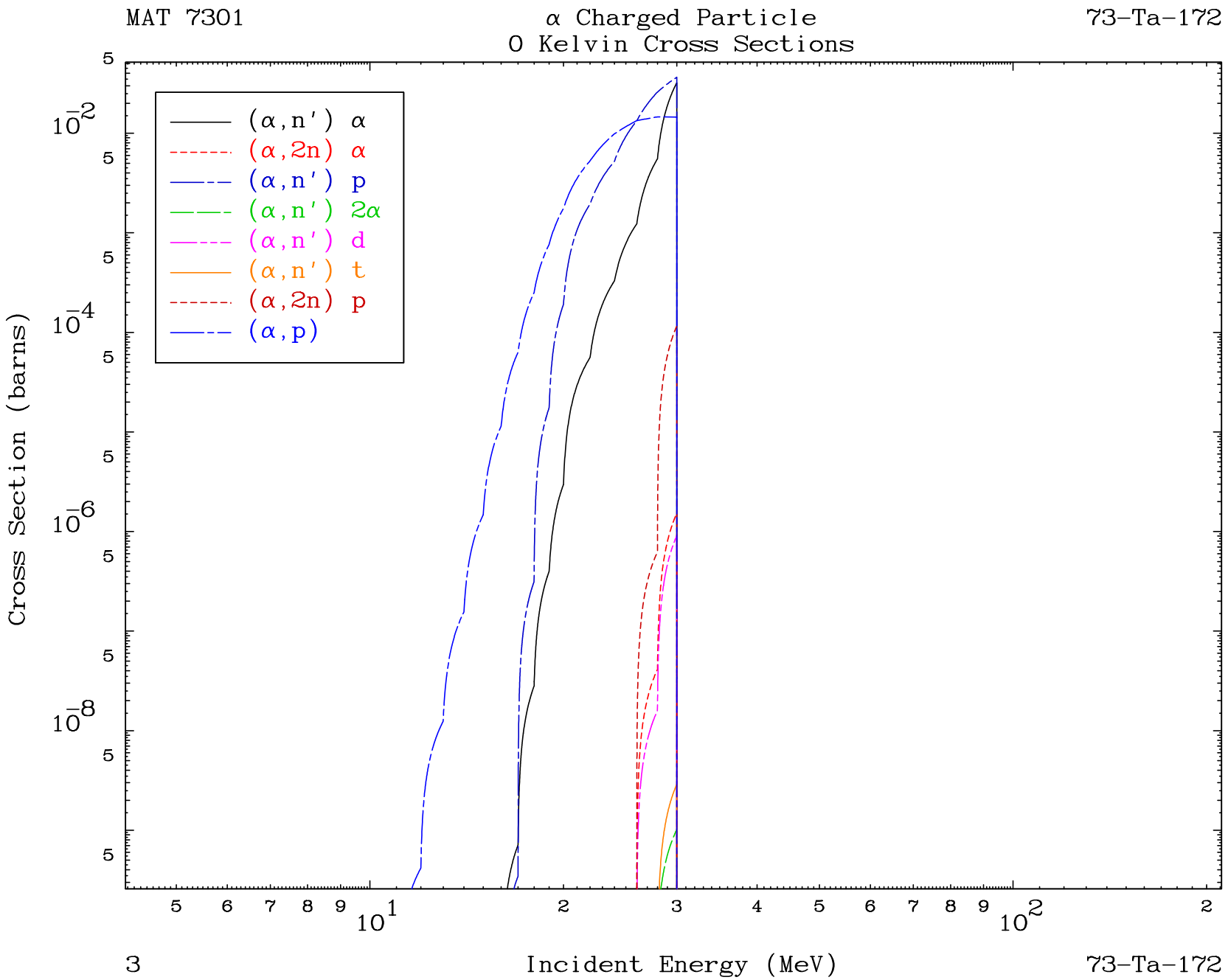
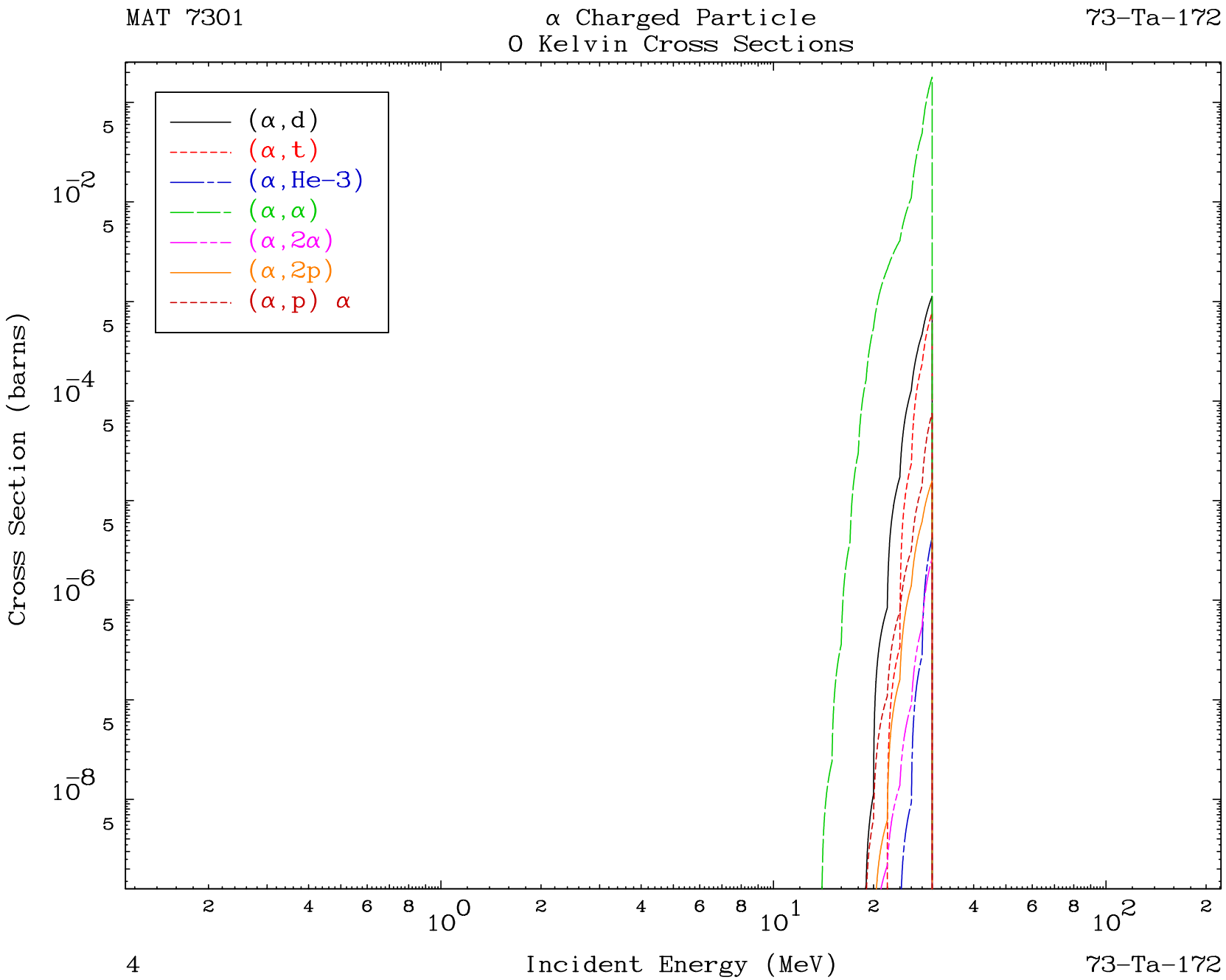
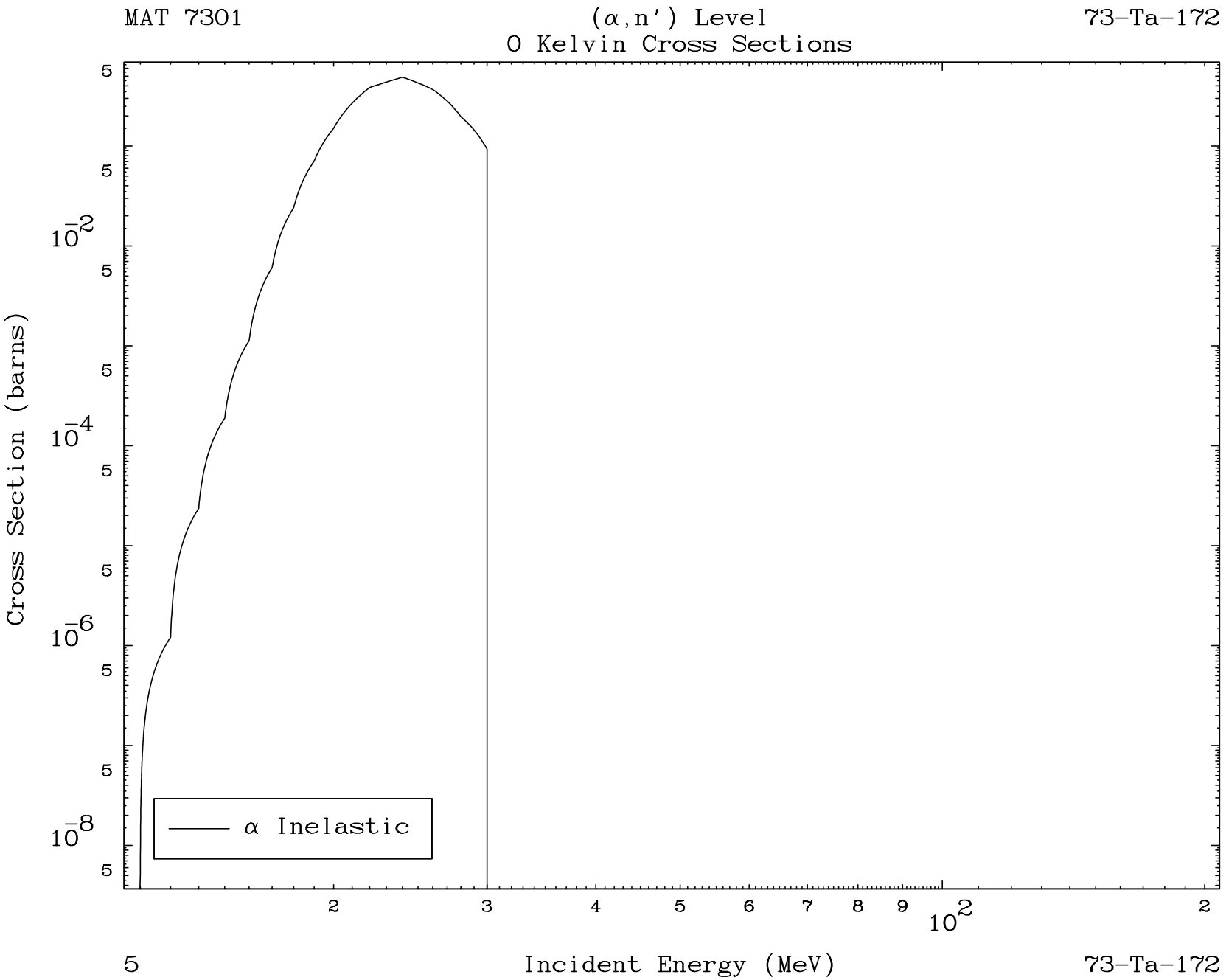
Press Mouse Button to Start

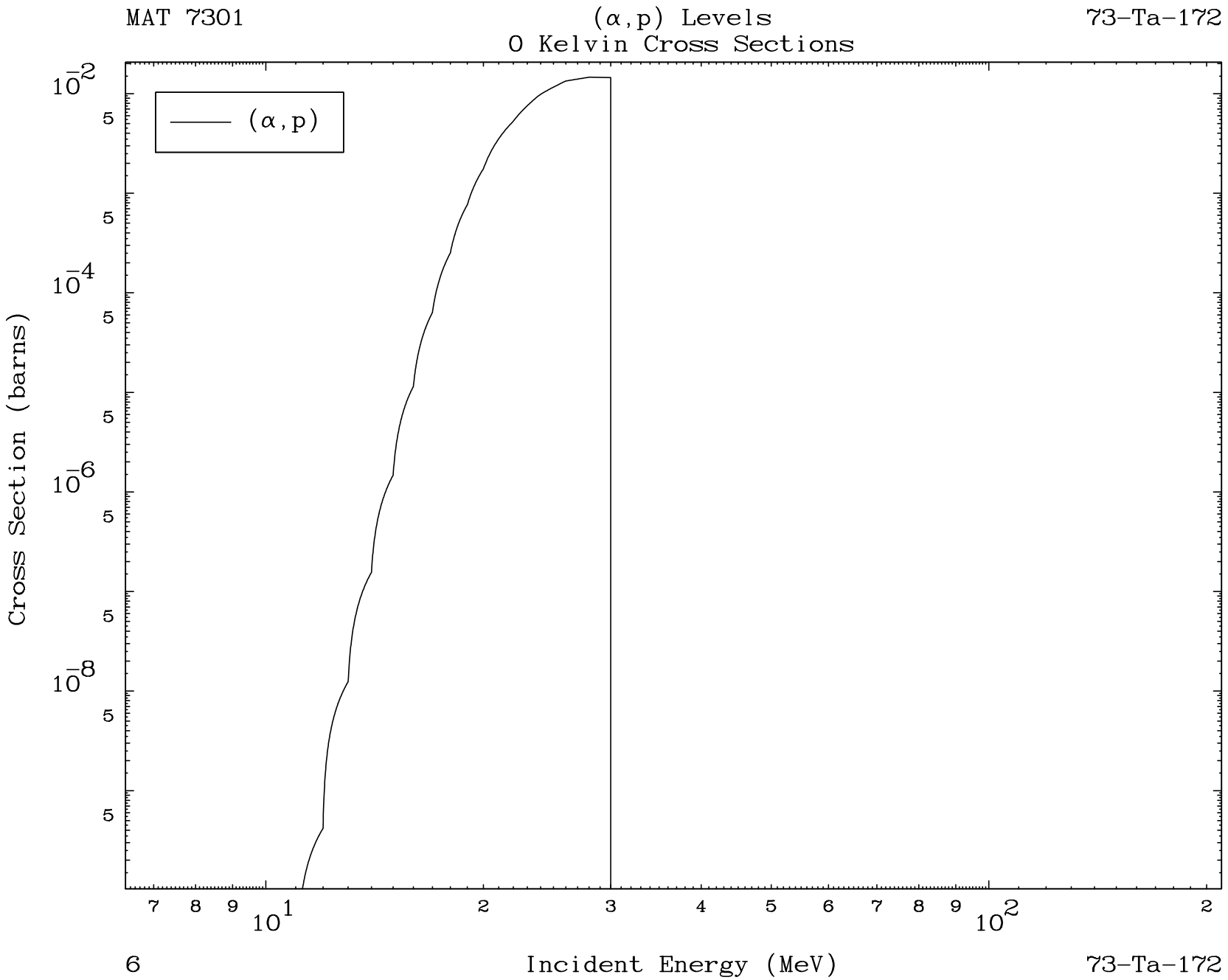

MAT 7301
α Major
73-Ta-172
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-172

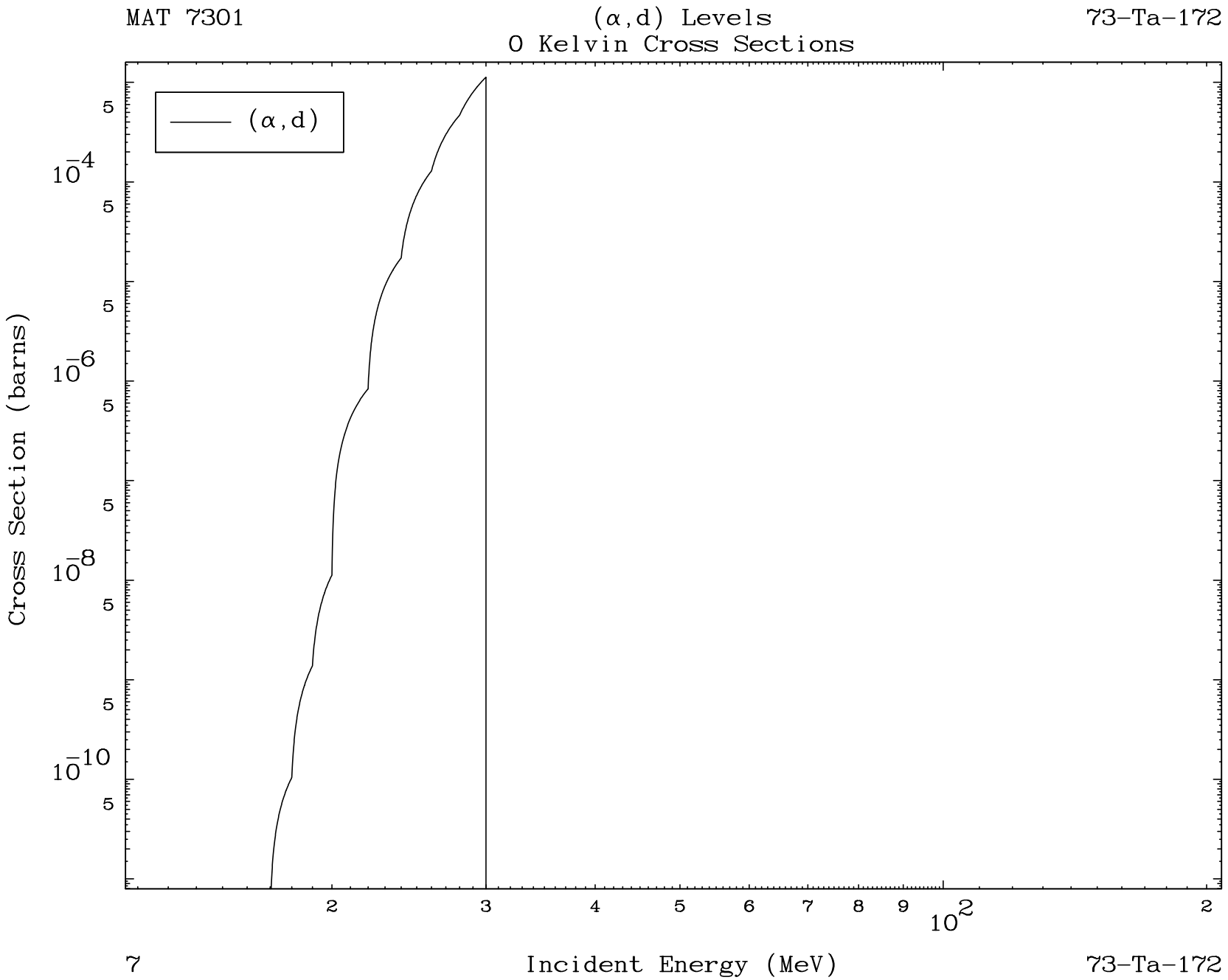

MAT 7301
α Neutron Production
0 Kelvin Cross Sections
73-Ta-172
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
73-Ta-172

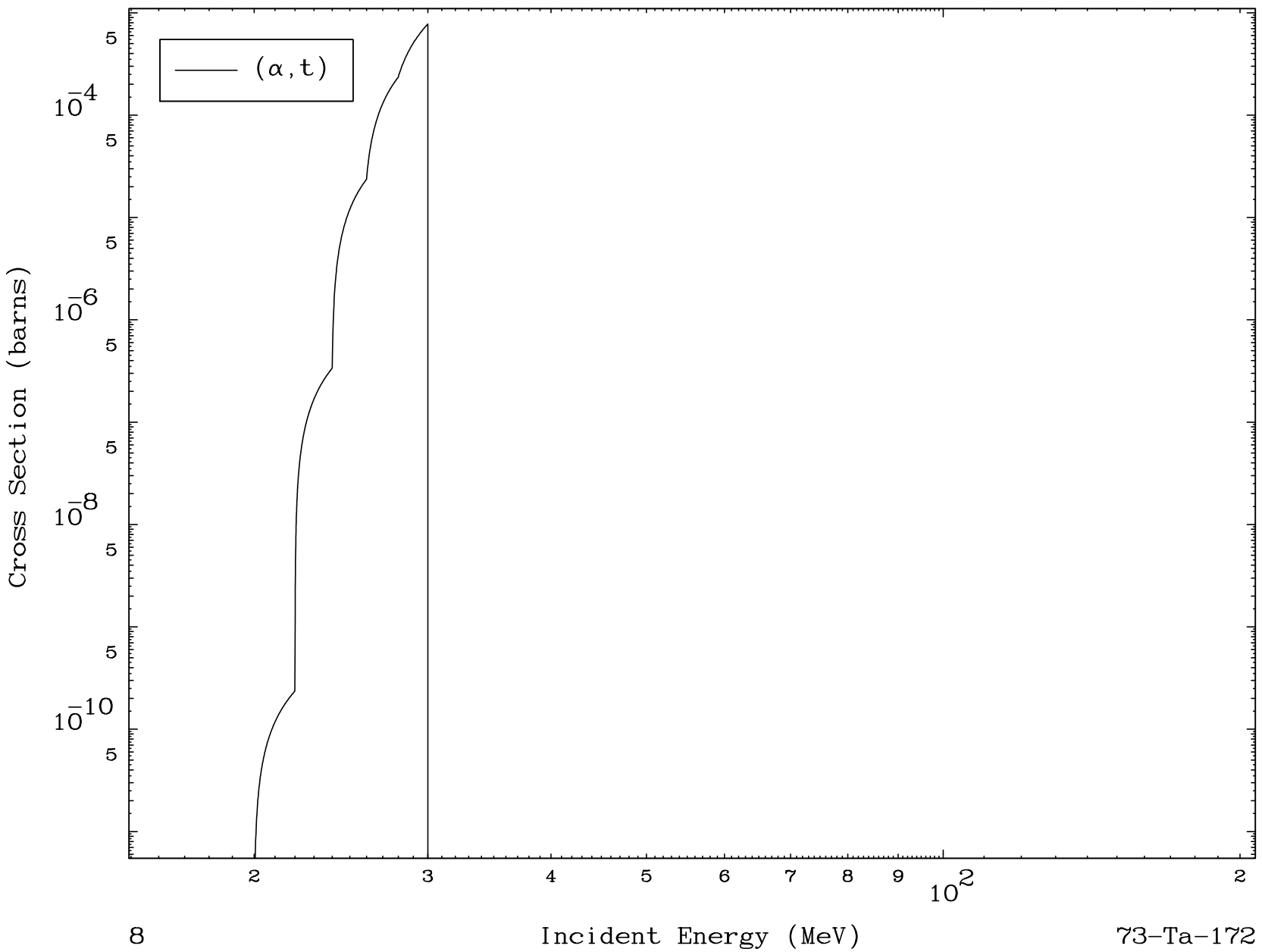

MAT 7301
α Charged Particle
0 Kelvin Cross Sections
73-Ta-172
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,2n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-172

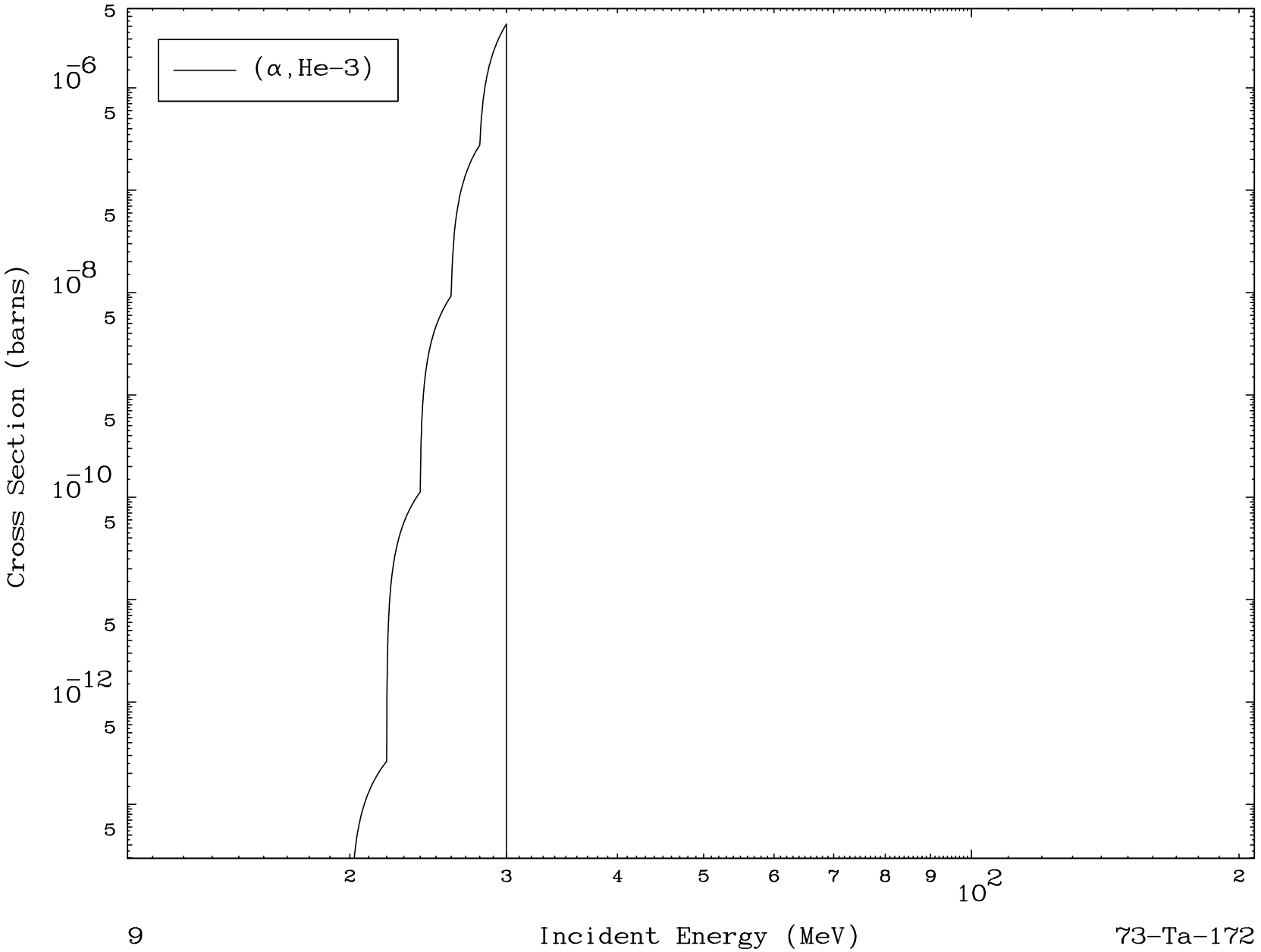

MAT 7301
α Charged Particle
0 Kelvin Cross Sections
73-Ta-172
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-172

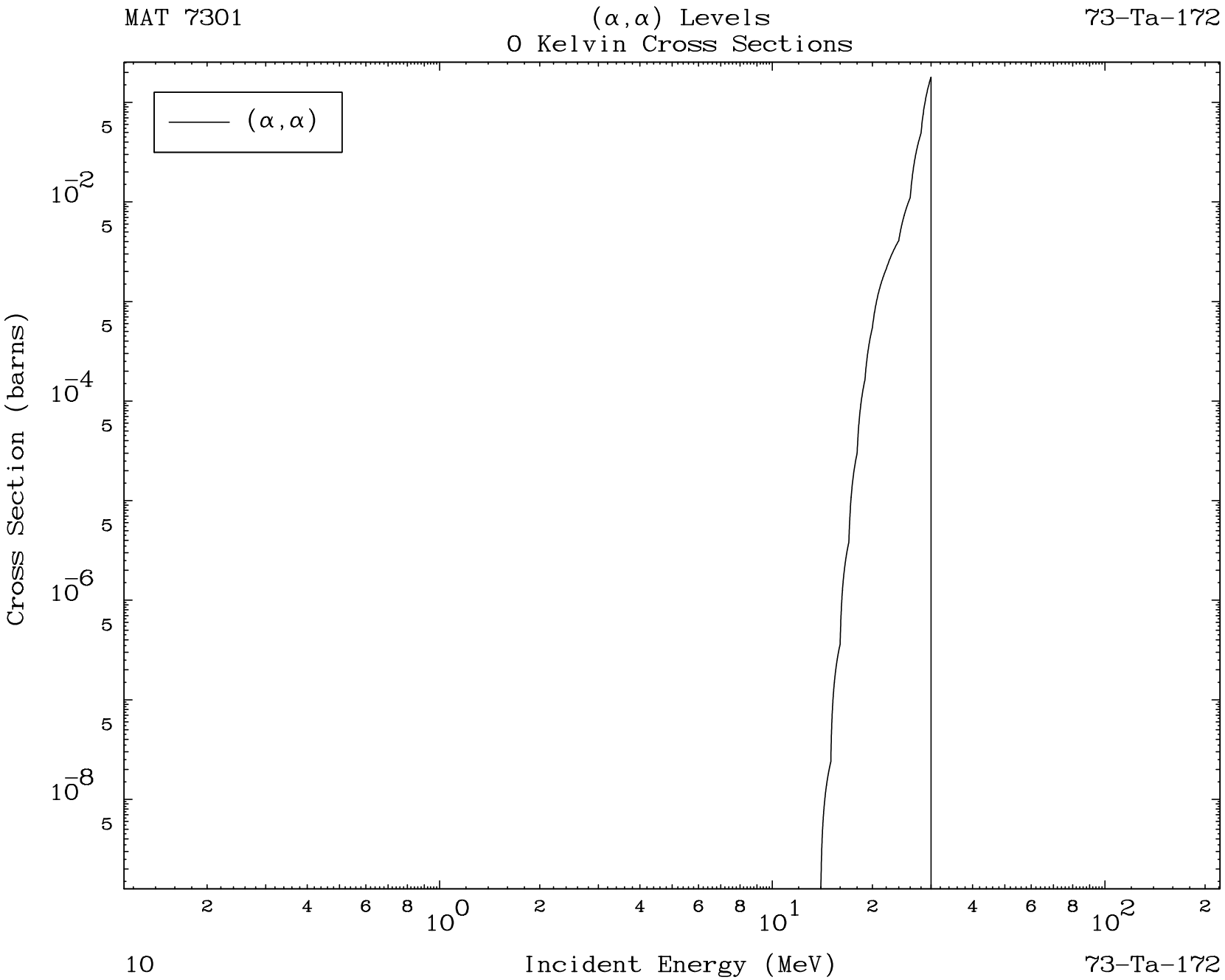

MAT 7301
(α,n') Level
73-Ta-172
0 Kelvin Cross Sections
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
α Inelastic
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
73-Ta-172

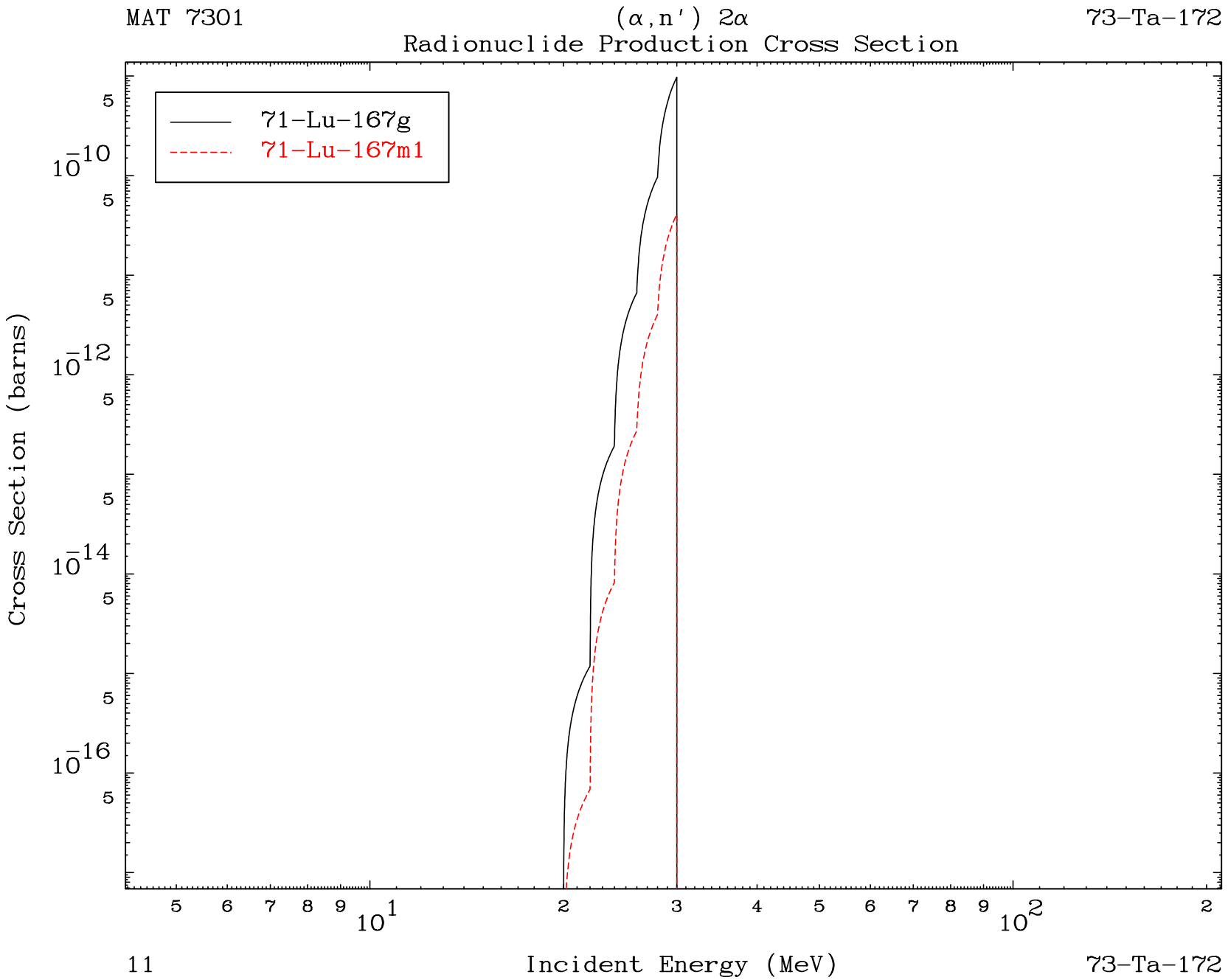

MAT 7301
(α,p) Levels
73-Ta-172
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
73-Ta-172

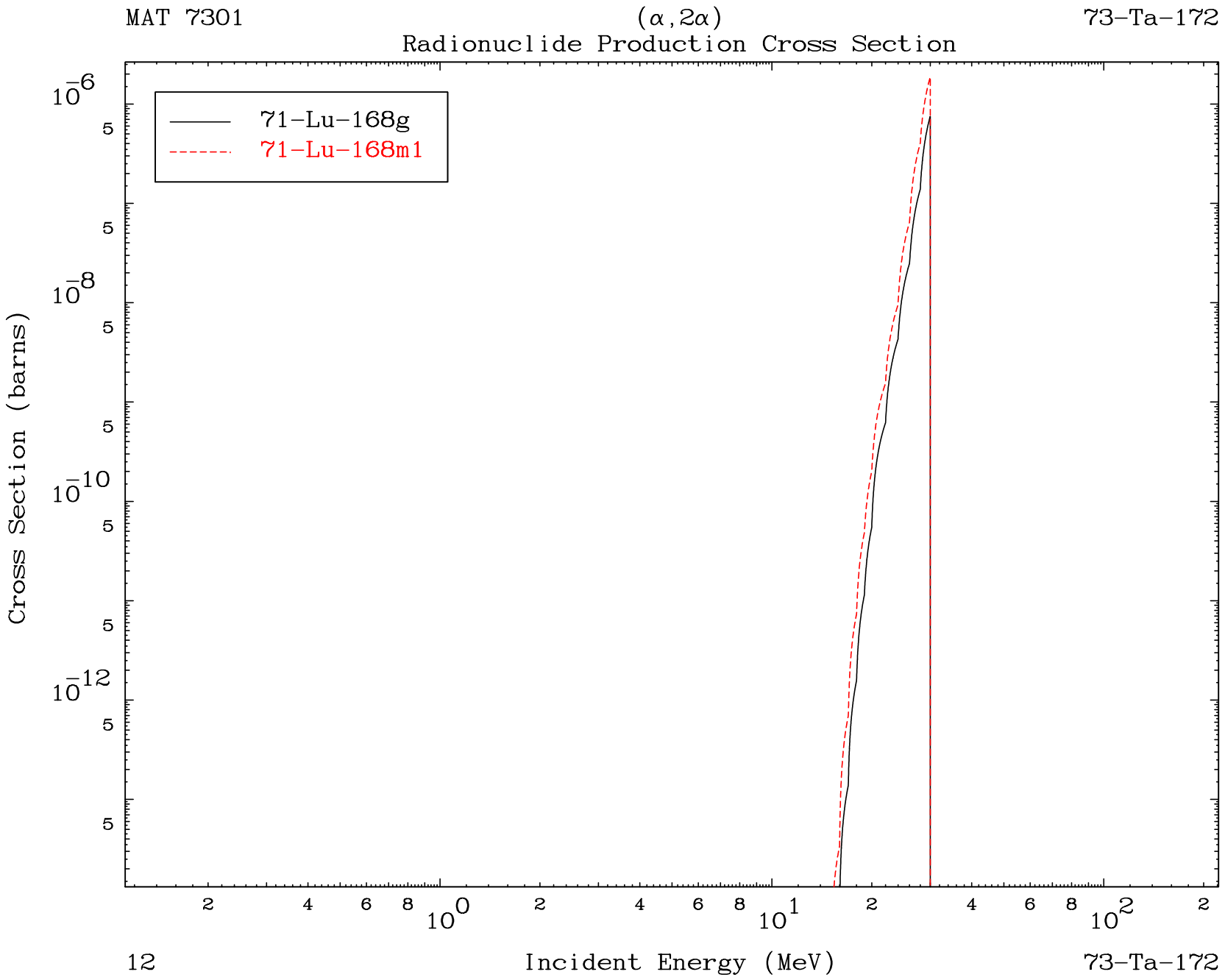

MAT 7301
(α,d) Levels
73-Ta-172
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
73-Ta-172

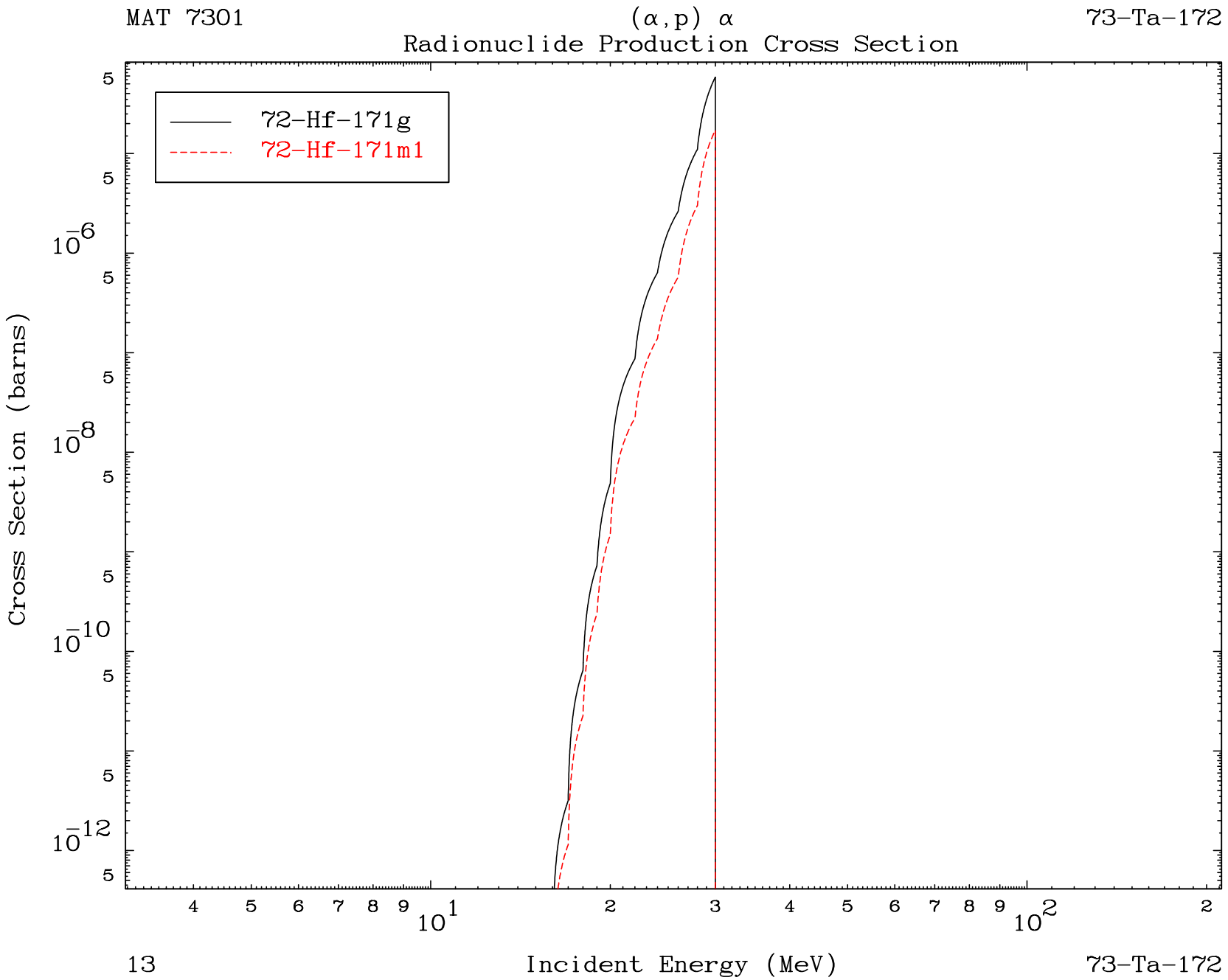

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


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


MAT 7301
(α,α) Levels
73-Ta-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
73-Ta-172


MAT 7301
(α,n') 2α
73-Ta-172
Radionuclide Production Cross Section
71-Lu-167g
71-Lu-167m1
Cross Section (barns)
Incident Energy (MeV)
11
73-Ta-172


MAT 7301
(α,2α)
73-Ta-172
Radionuclide Production Cross Section
71-Lu-168g
71-Lu-168m1
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-172


MAT 7301
(α,p) α
73-Ta-172
Radionuclide Production Cross Section
72-Hf-171g
72-Hf-171m1
Cross Section (barns)
Incident Energy (MeV)
13
73-Ta-172