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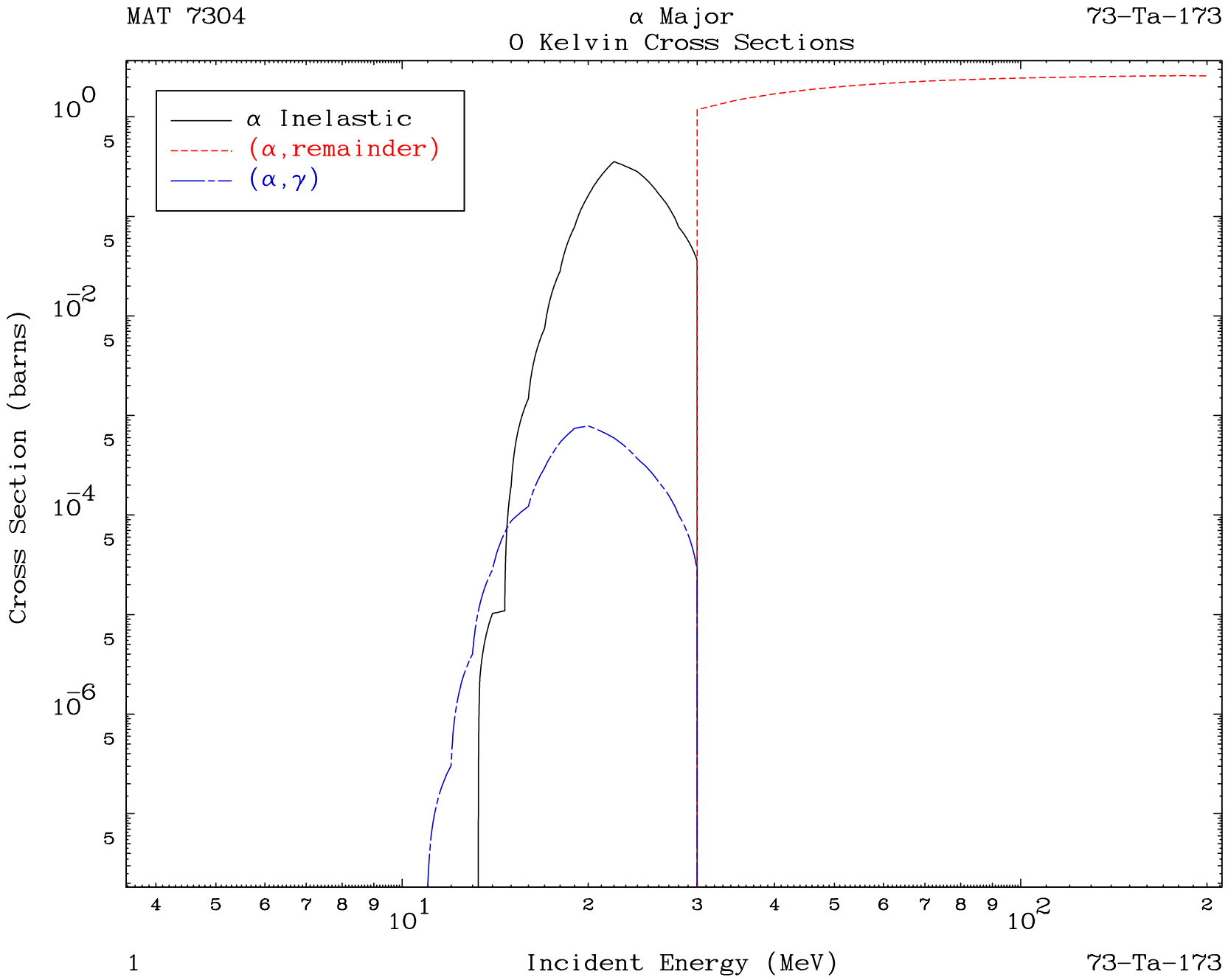
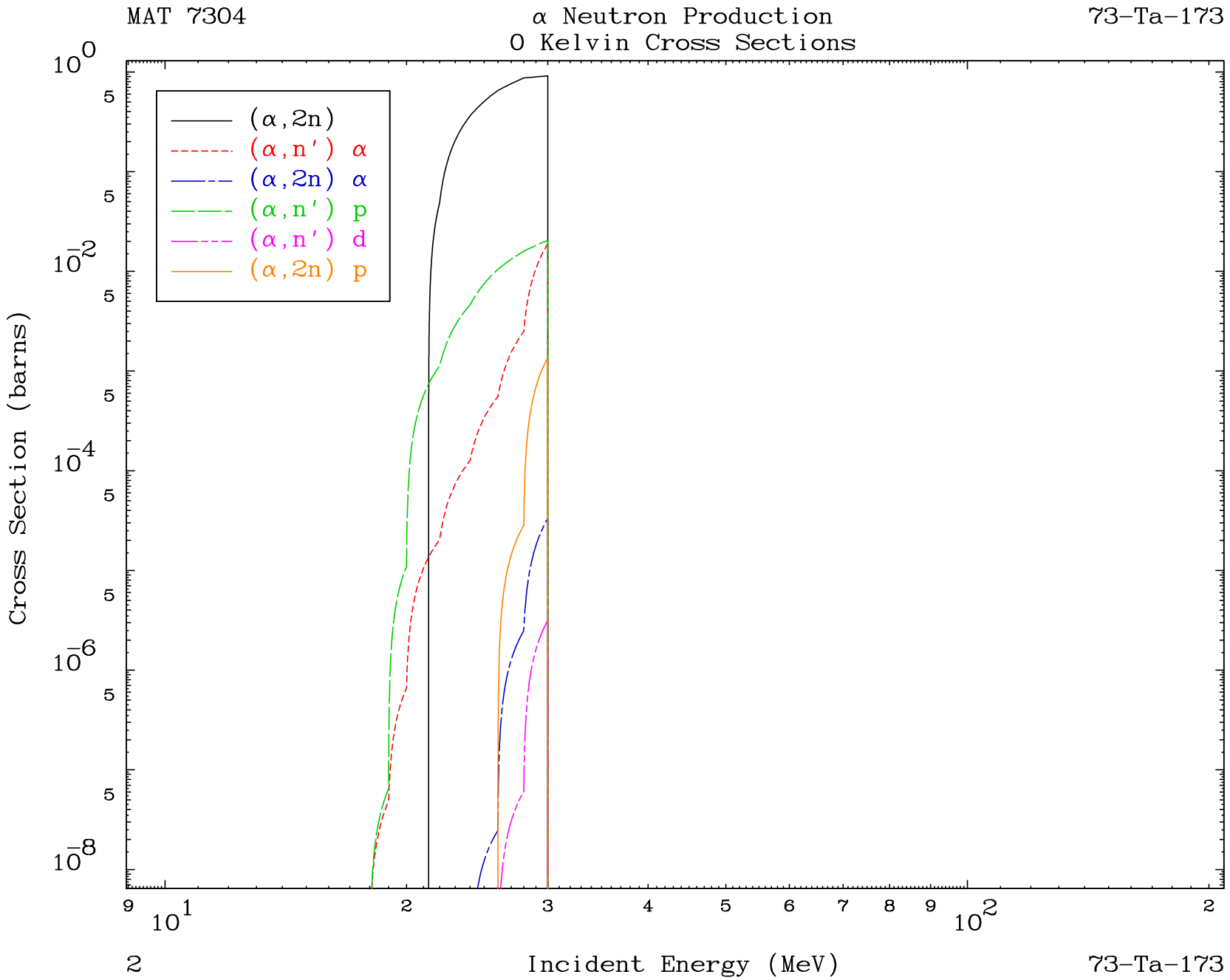
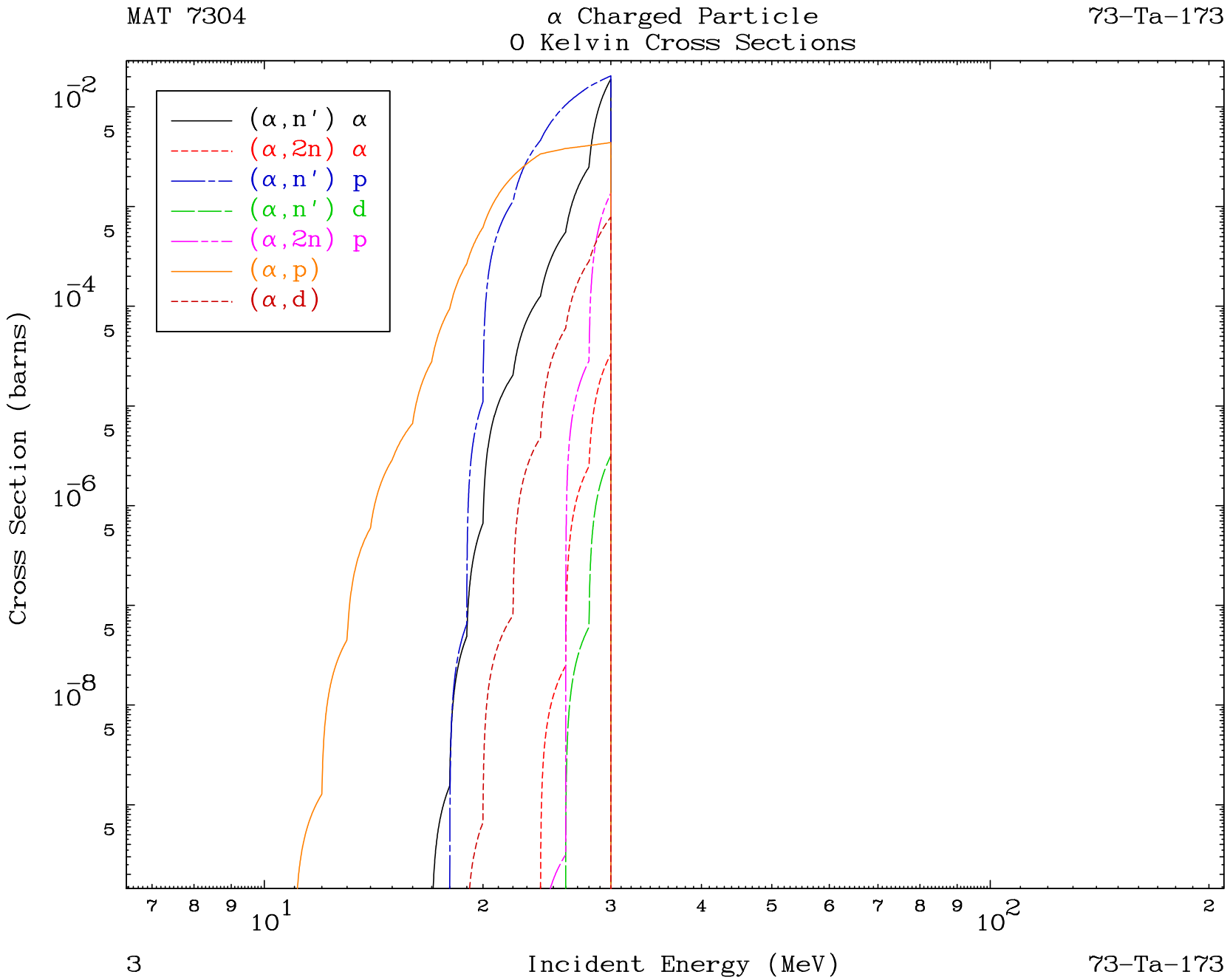
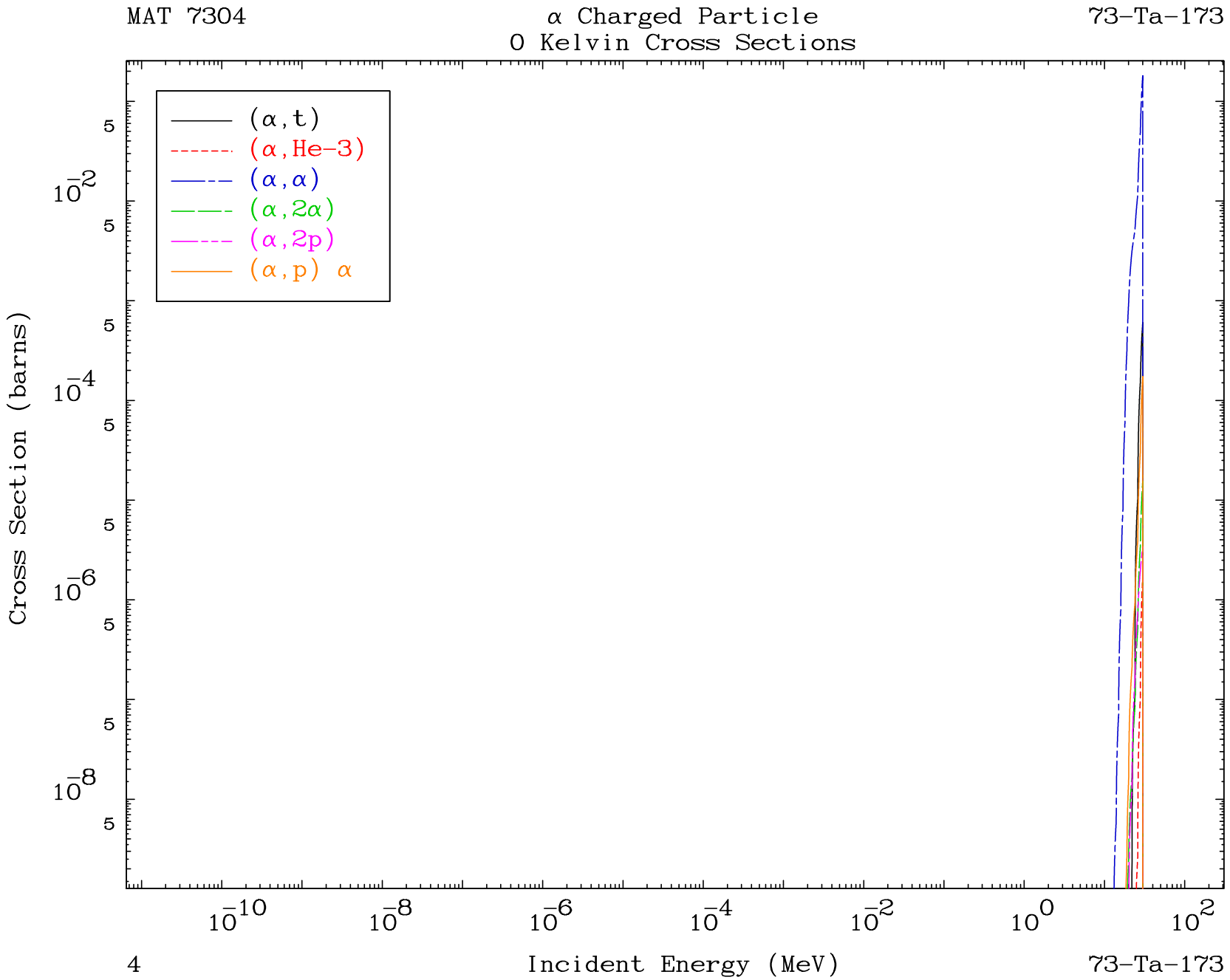
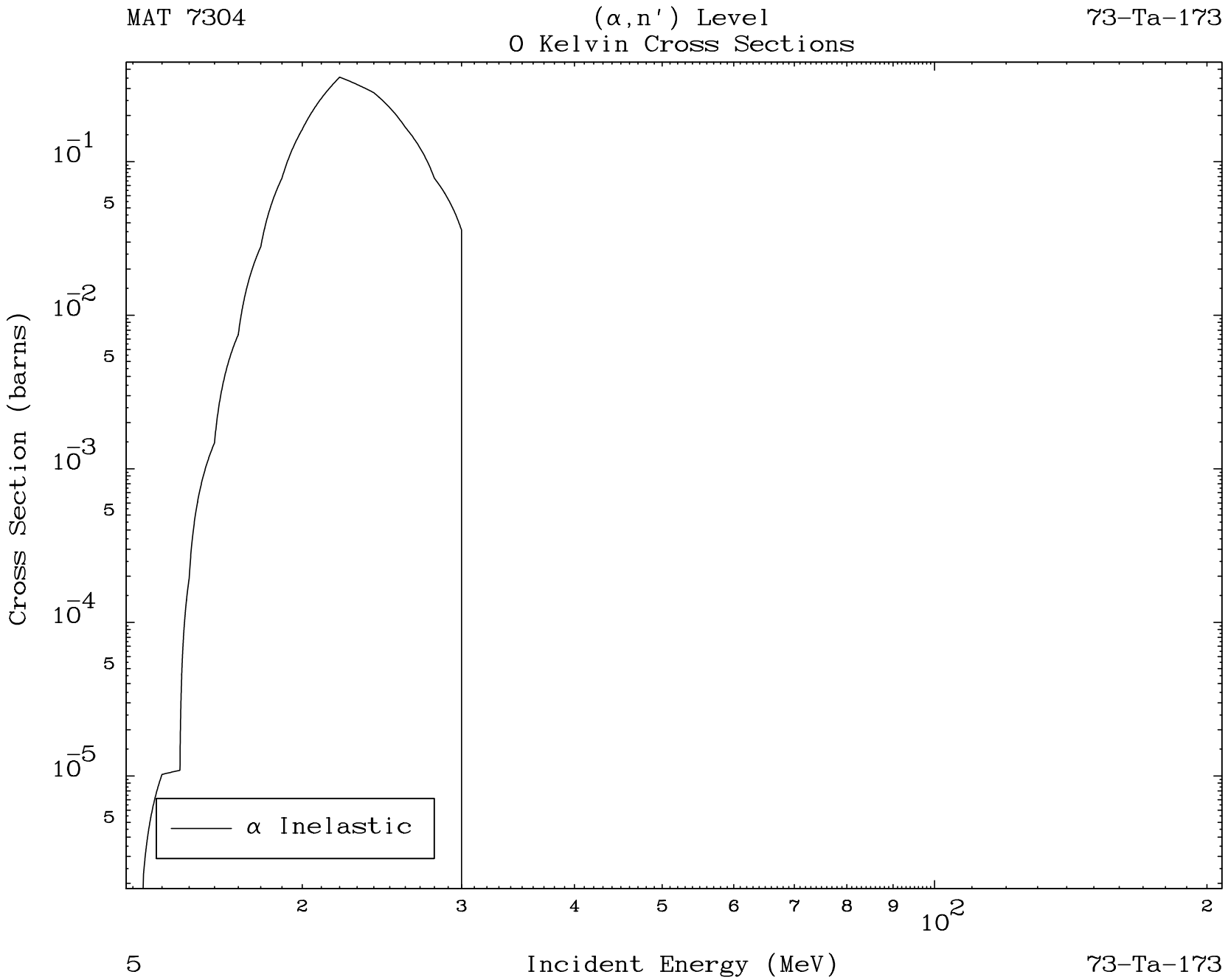
Press Mouse Button to Start

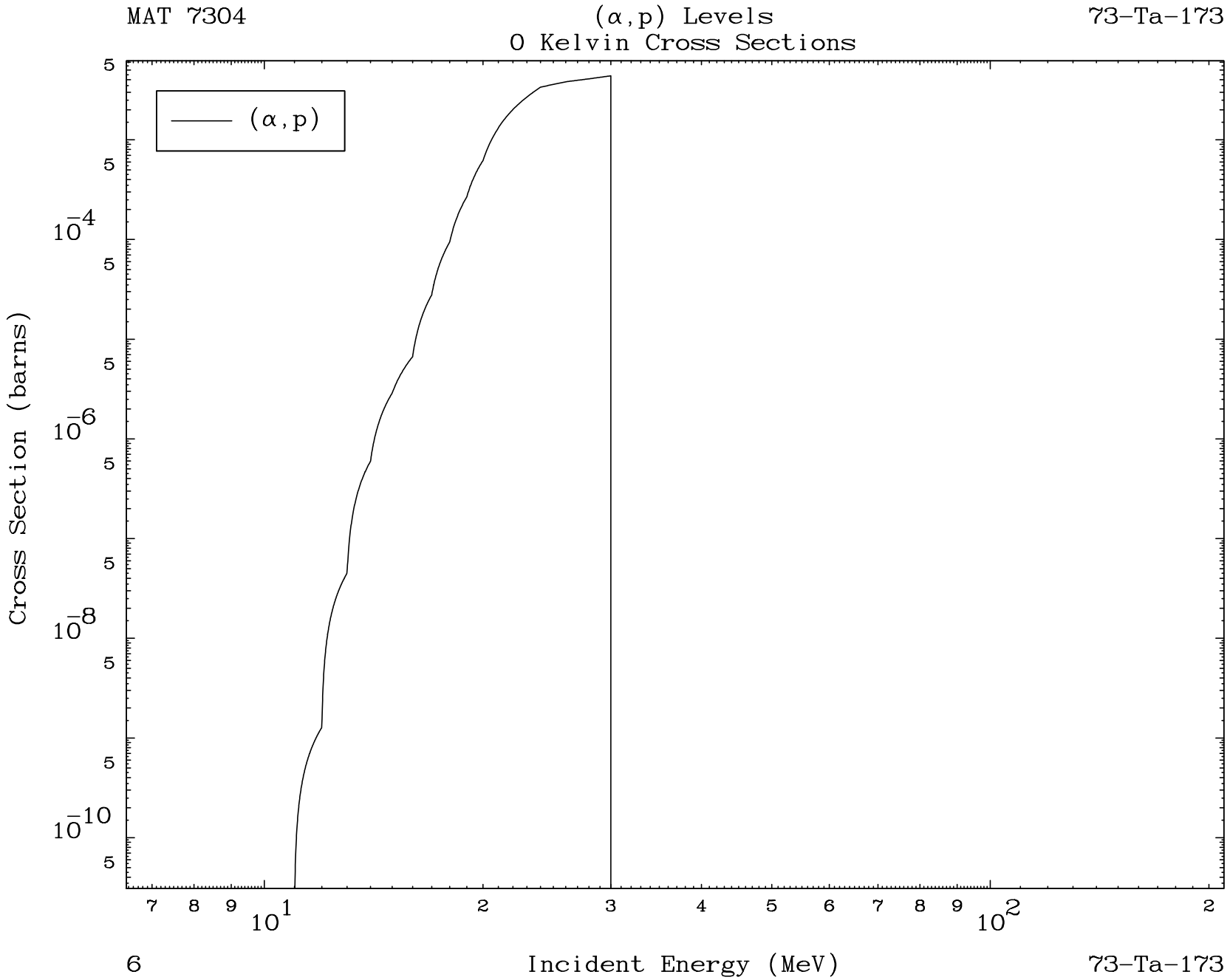

MAT 7304
α Major
73-Ta-173
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-173

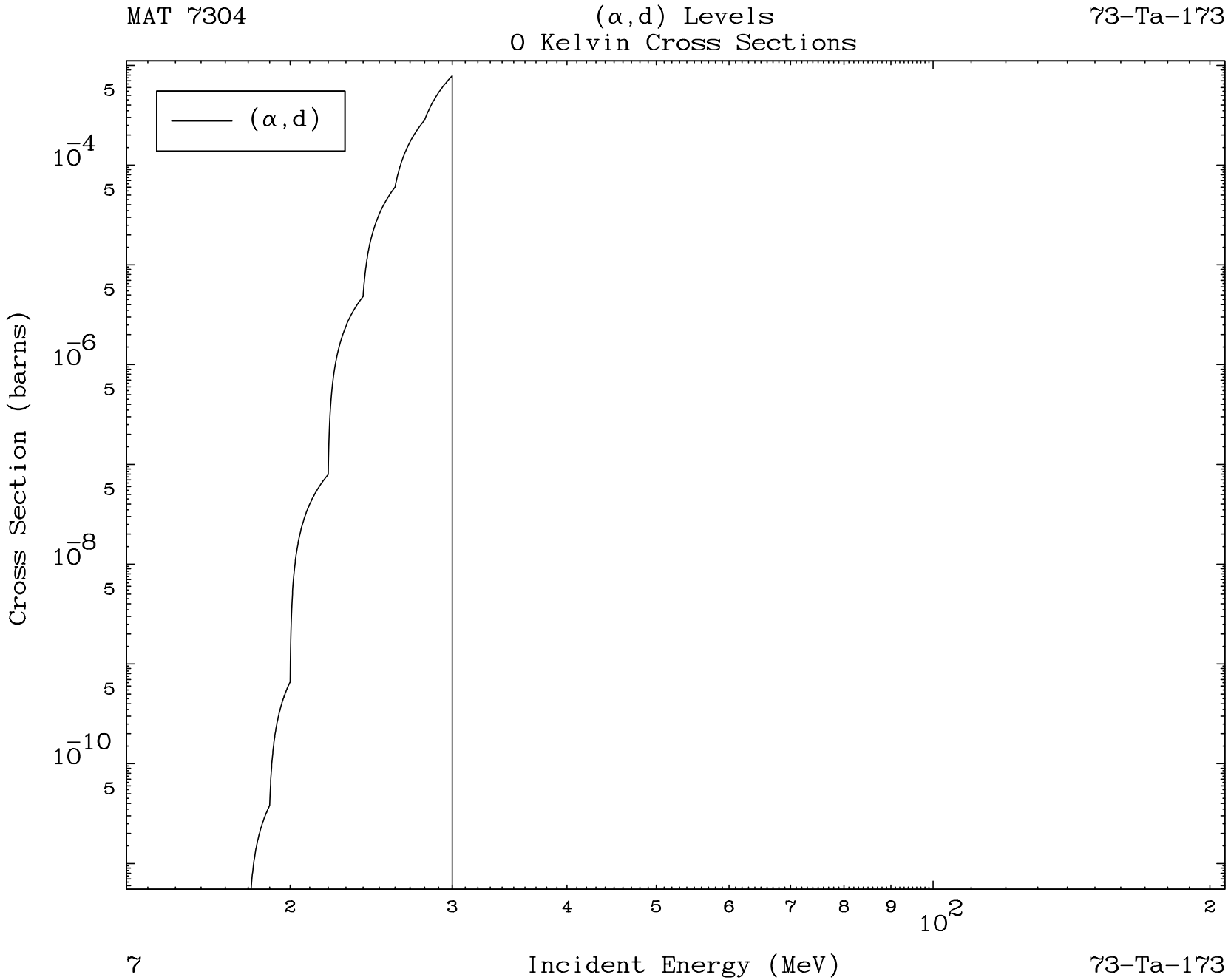

MAT 7304
α Neutron Production
0 Kelvin Cross Sections
73-Ta-173
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
73-Ta-173

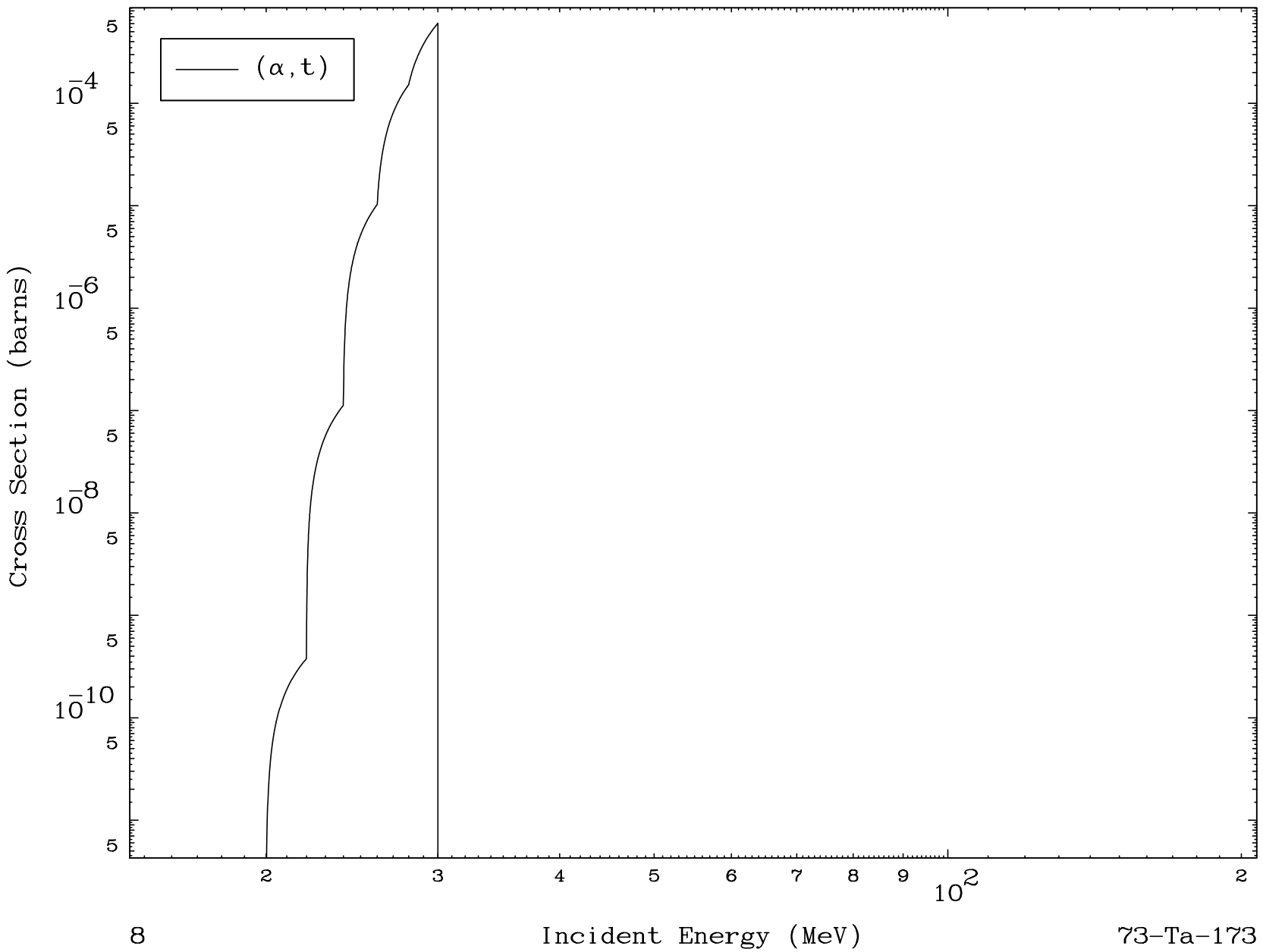

MAT 7304
α Charged Particle
0 Kelvin Cross Sections
73-Ta-173
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-173
3

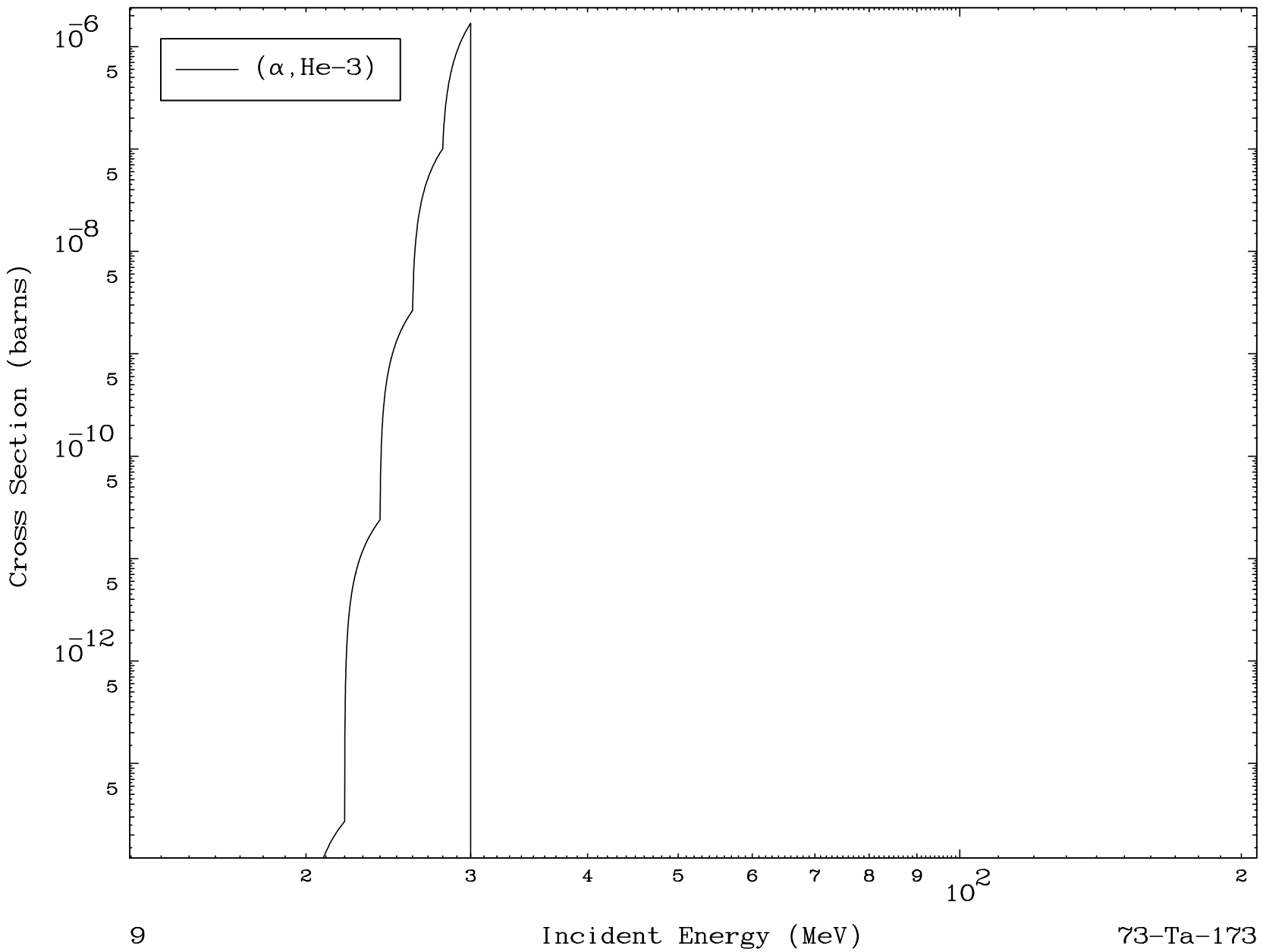

MAT 7304
α Charged Particle
0 Kelvin Cross Sections
73-Ta-173
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-173

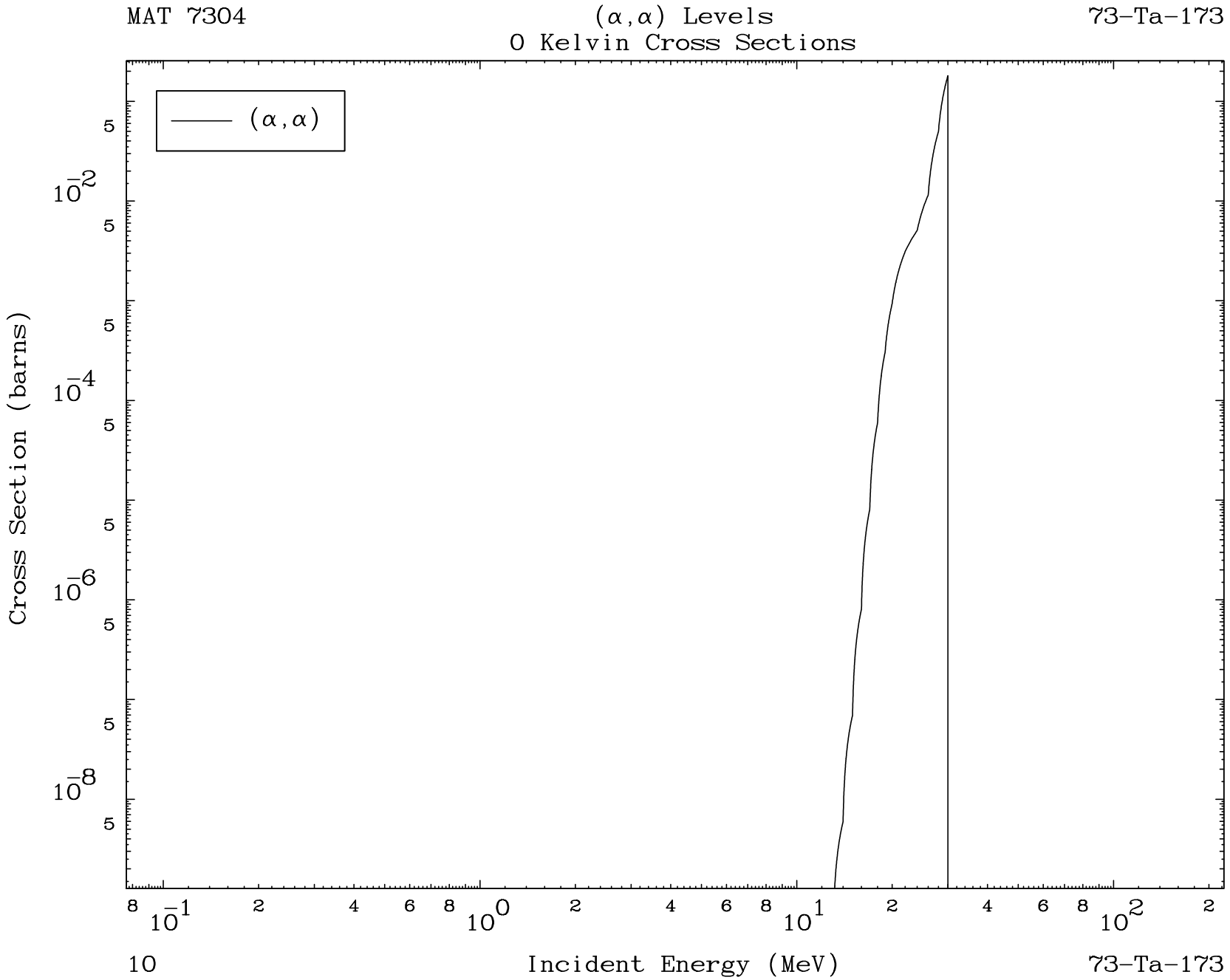

MAT 7304
(α,n') Level
73-Ta-173
0 Kelvin Cross Sections
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
10-5
5
α Inelastic
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
73-Ta-173

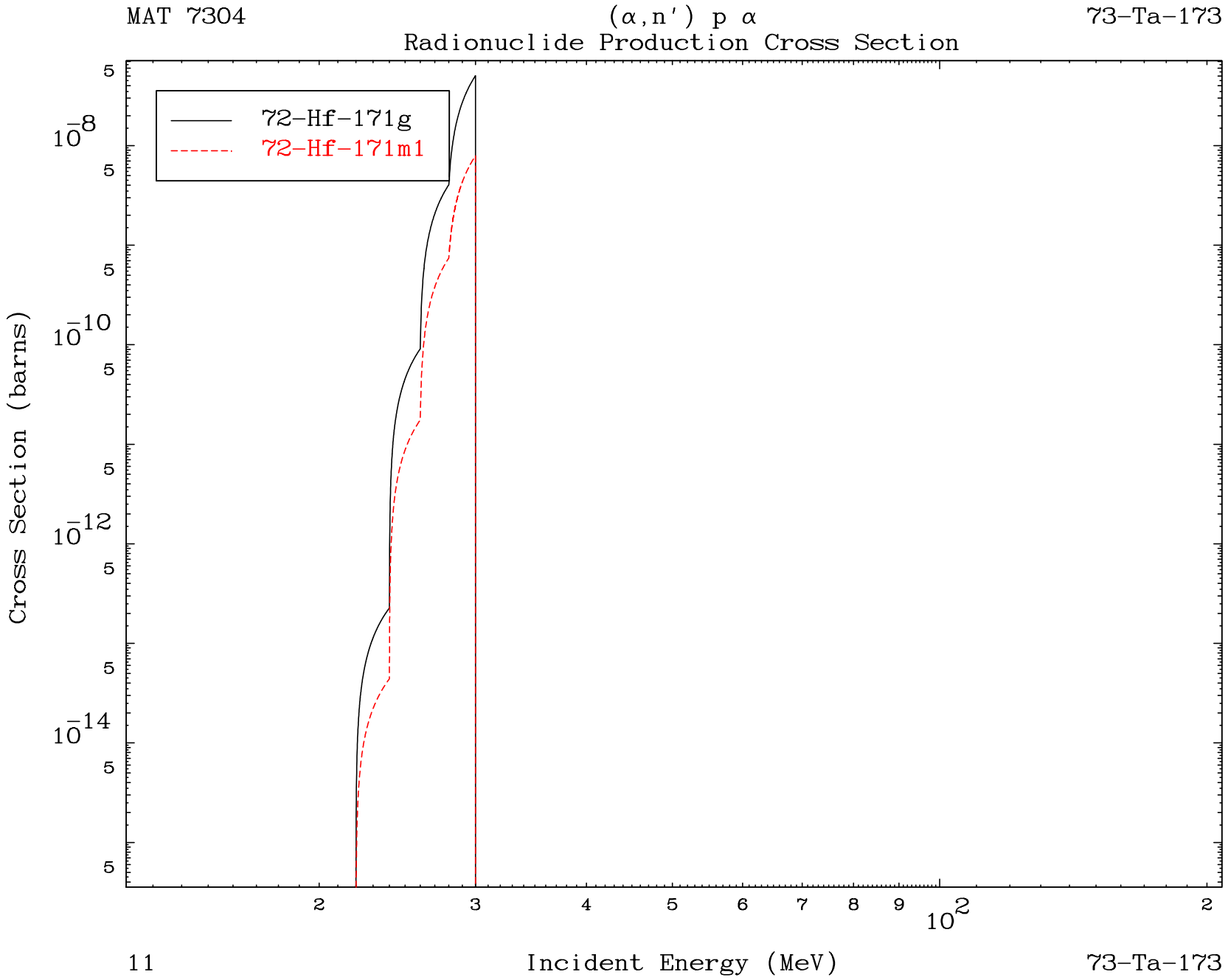

MAT 7304
(α,p) Levels
73-Ta-173
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
73-Ta-173

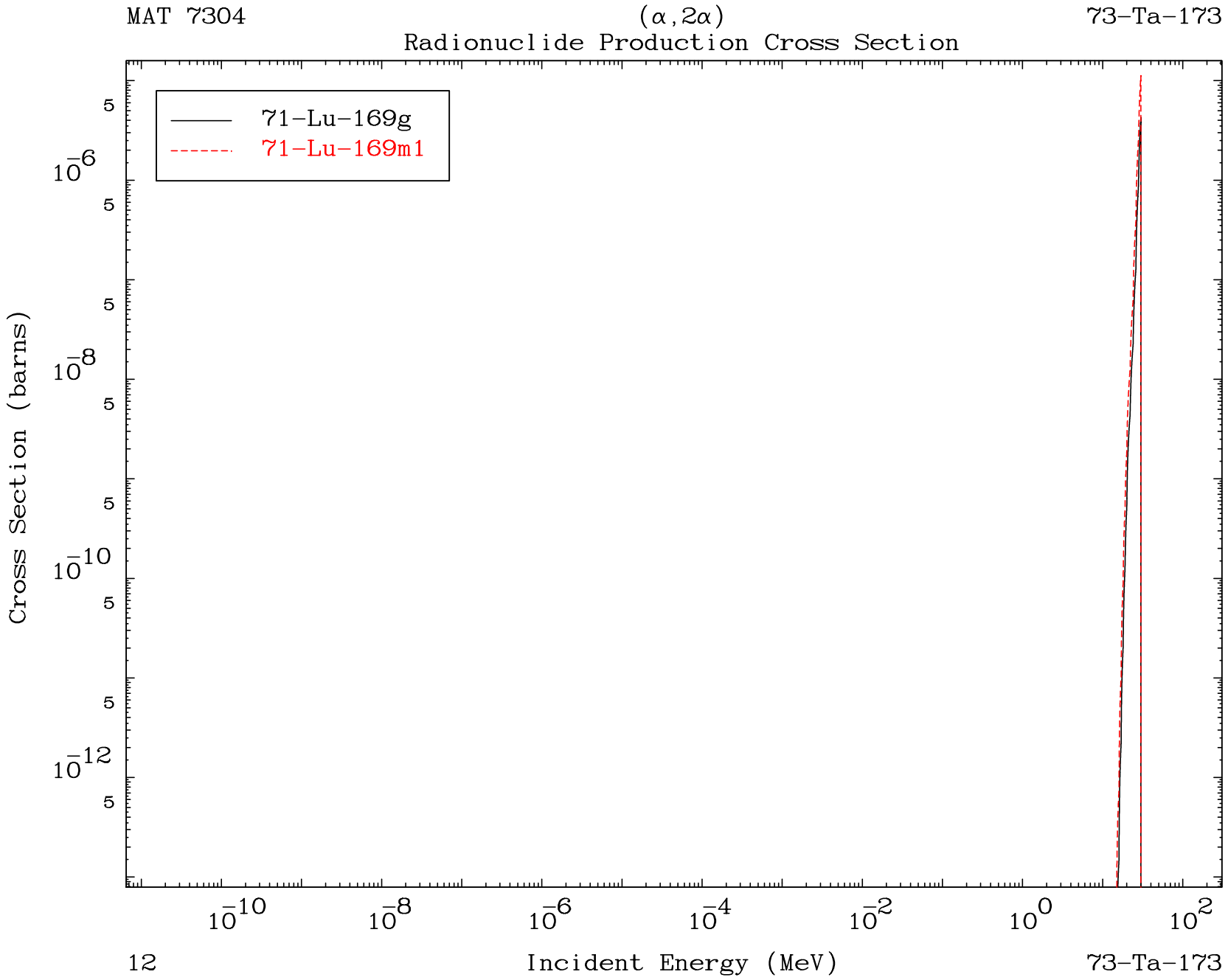

MAT 7304
(α,d) Levels
73-Ta-173
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
73-Ta-173


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)
10^-6
5
10^-8
5
10^-10
5
10^-12
5
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 7304
(α,α) Levels
73-Ta-173
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-173


MAT 7304
(α,n') p α
73-Ta-173
Radionuclide Production Cross Section
72-Hf-171g
72-Hf-171m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
73-Ta-173


MAT 7304
(α,2α)
73-Ta-173
Radionuclide Production Cross Section
71-Lu-169g
71-Lu-169m1
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-173