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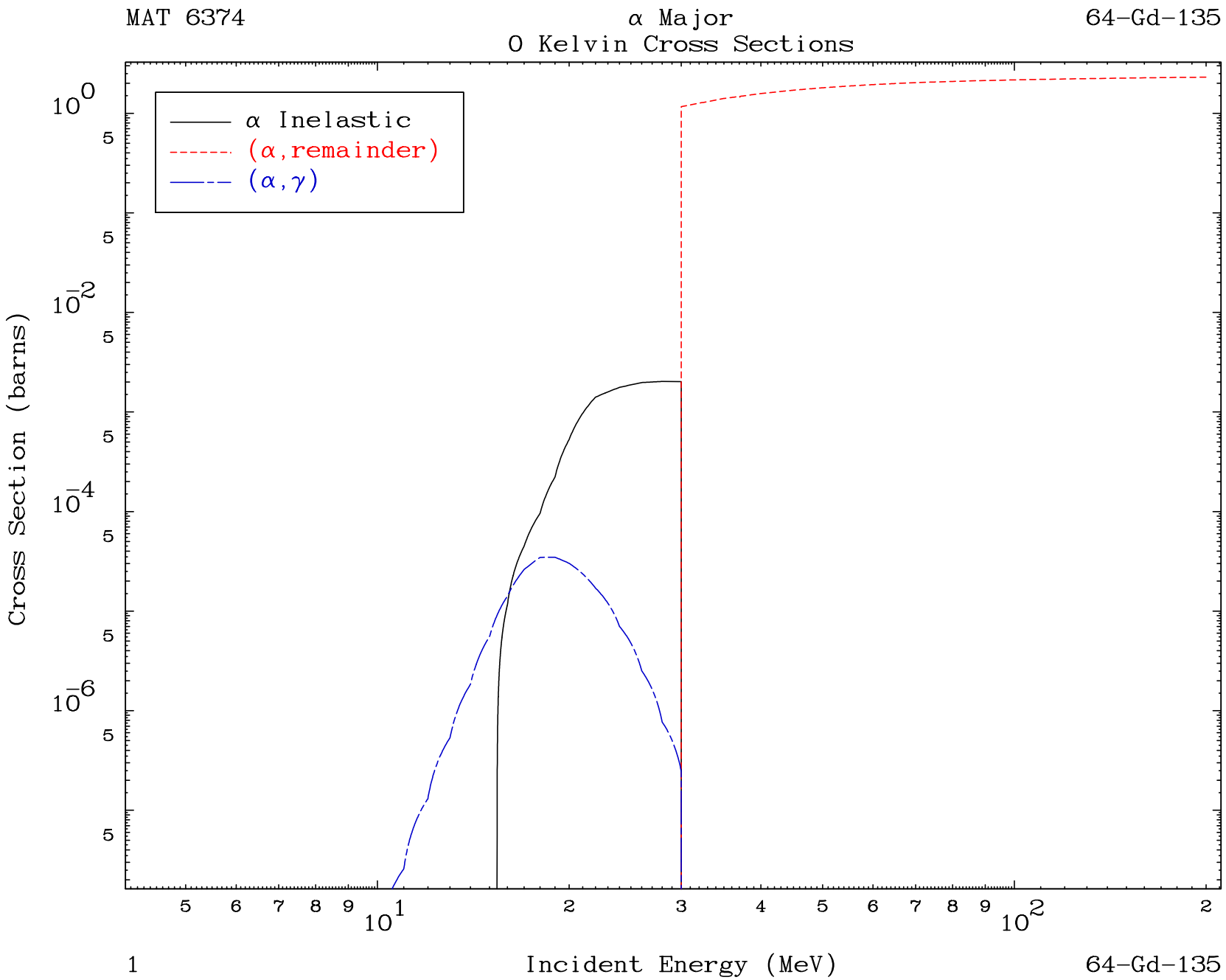
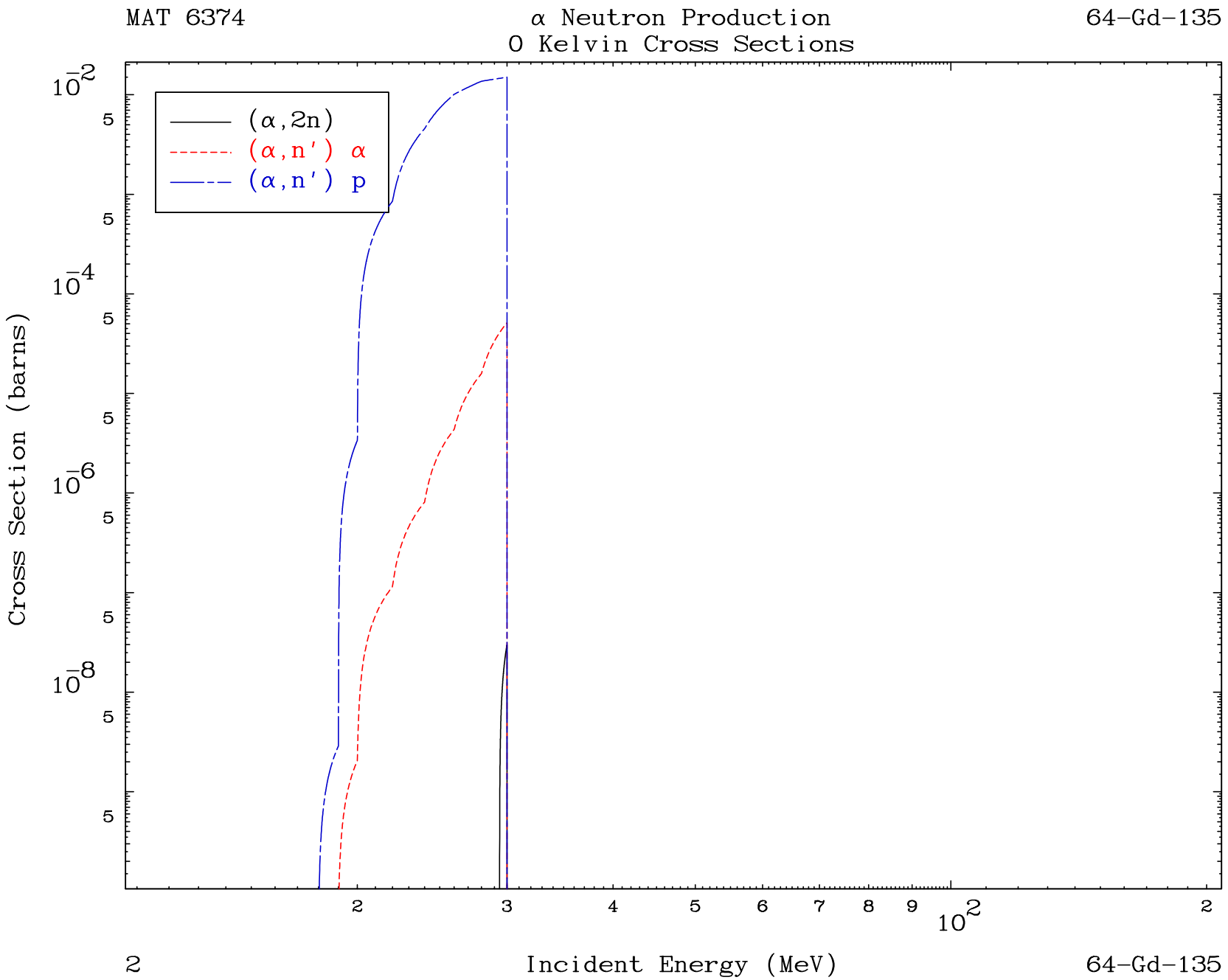
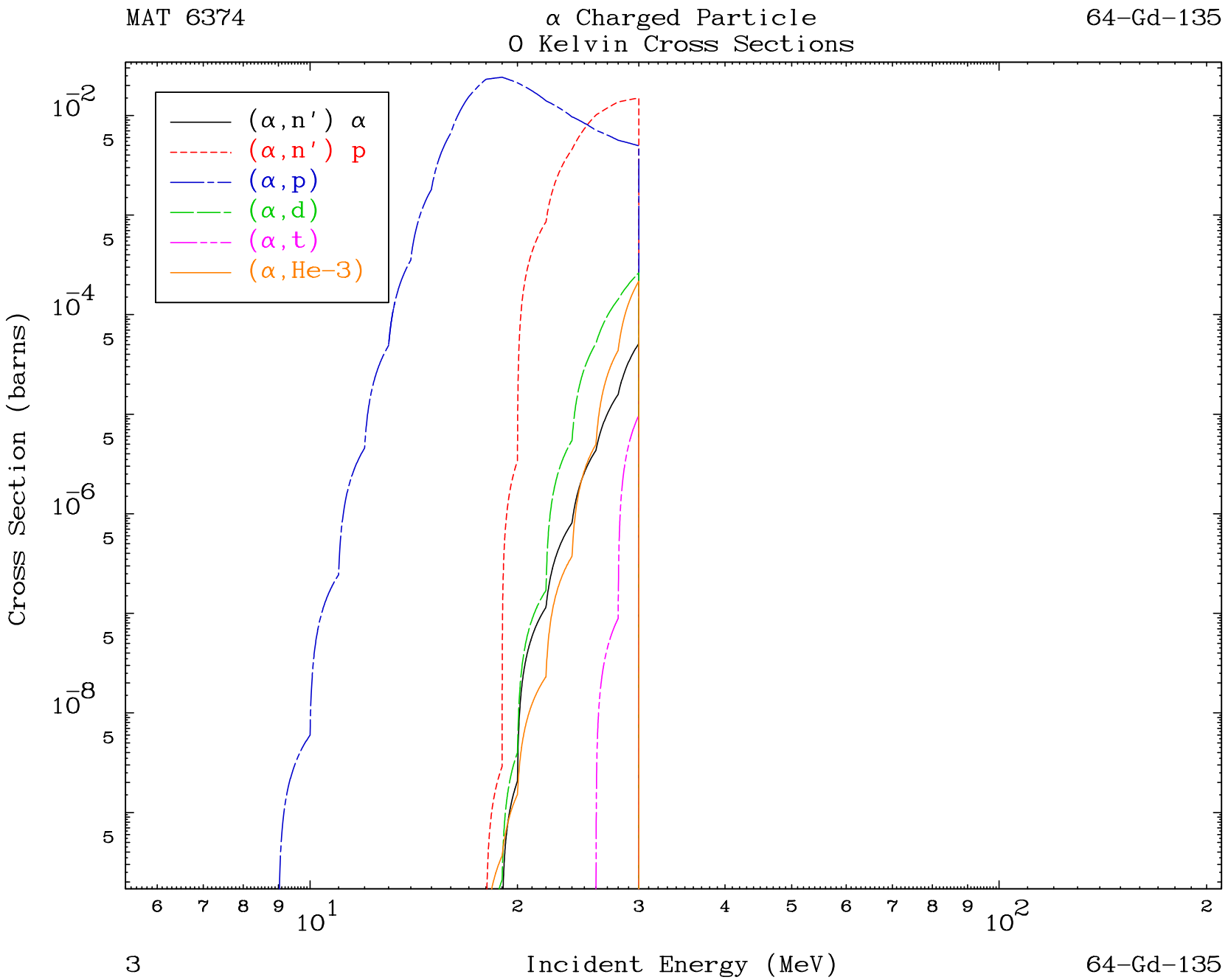
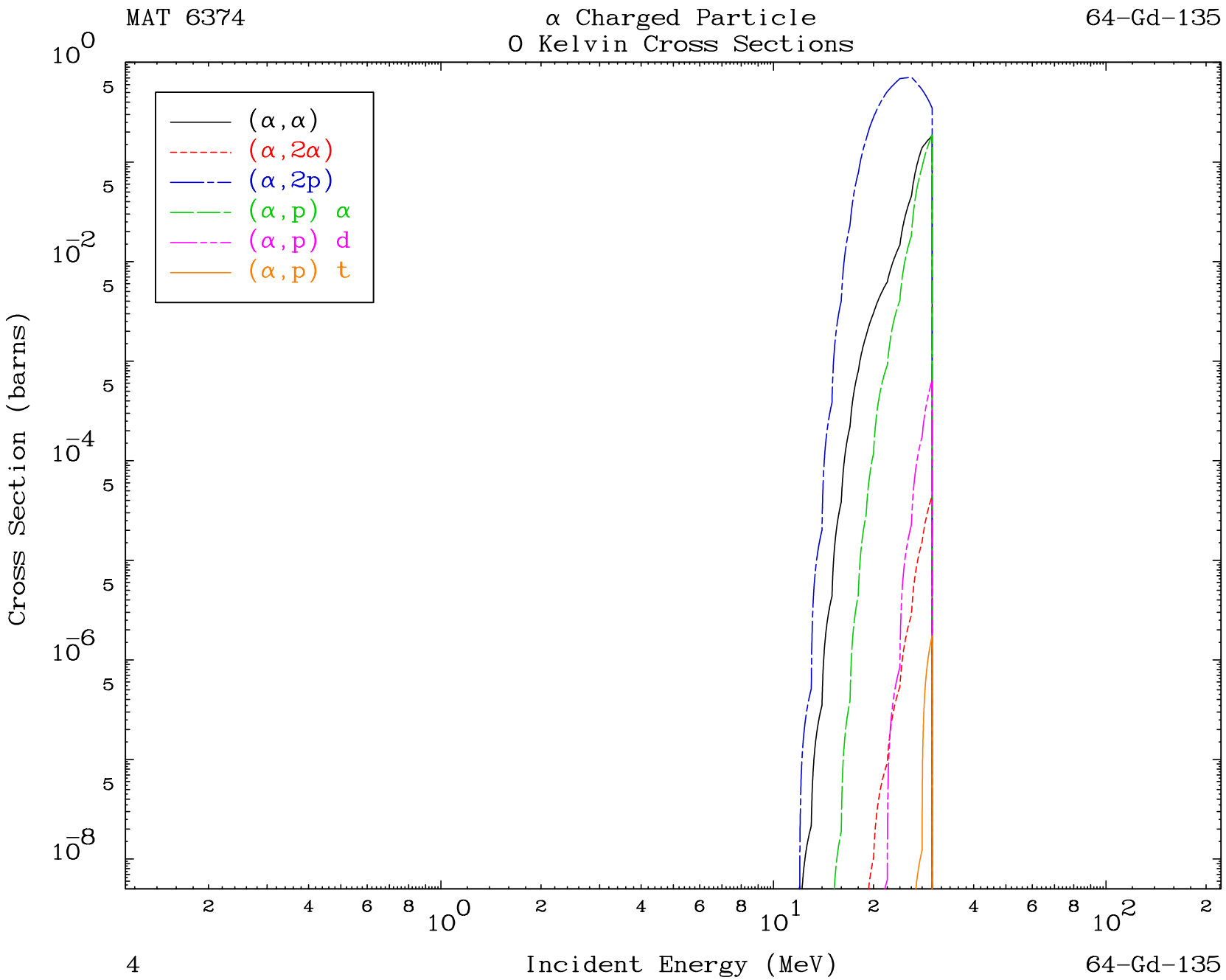
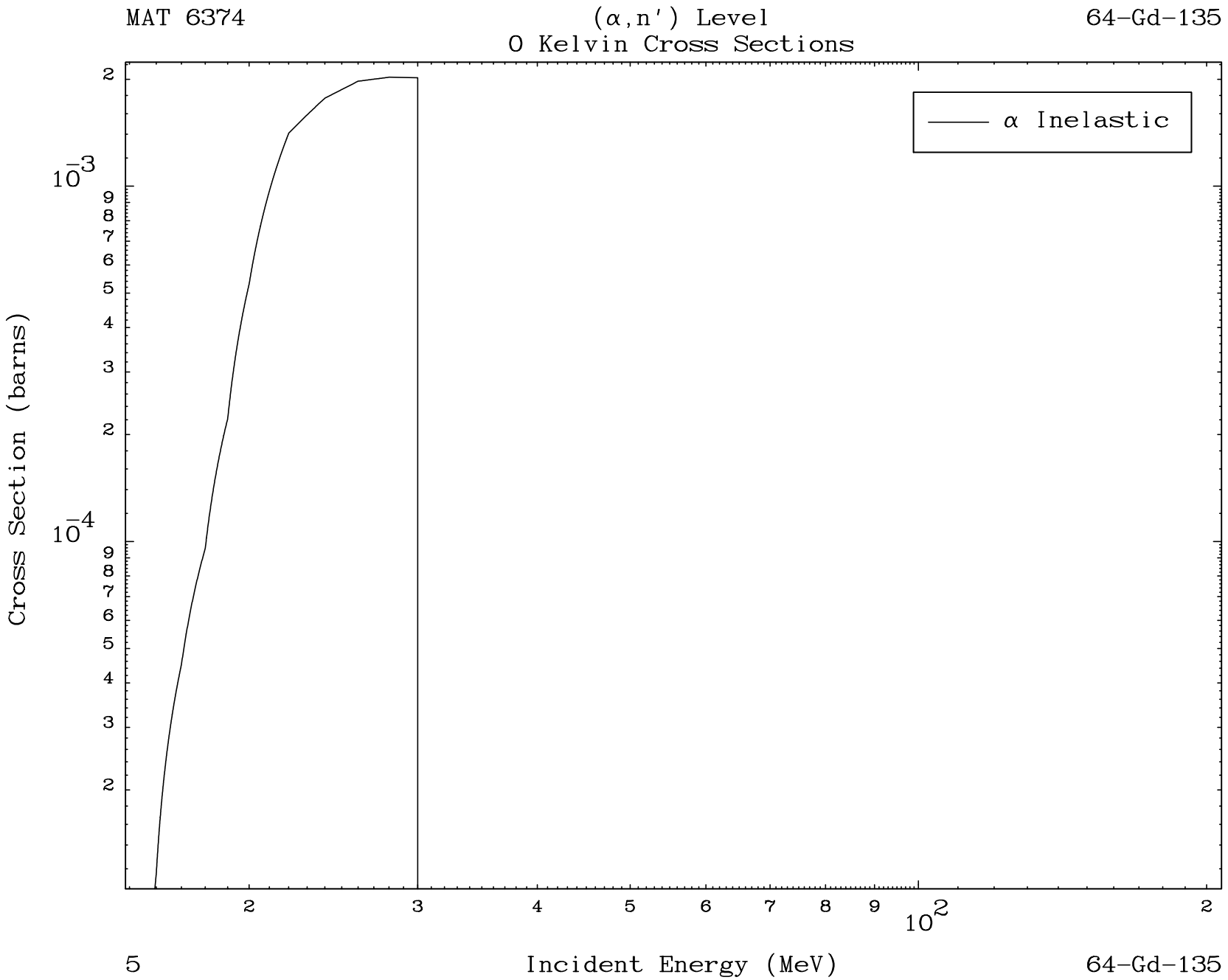
Press Mouse Button to Start

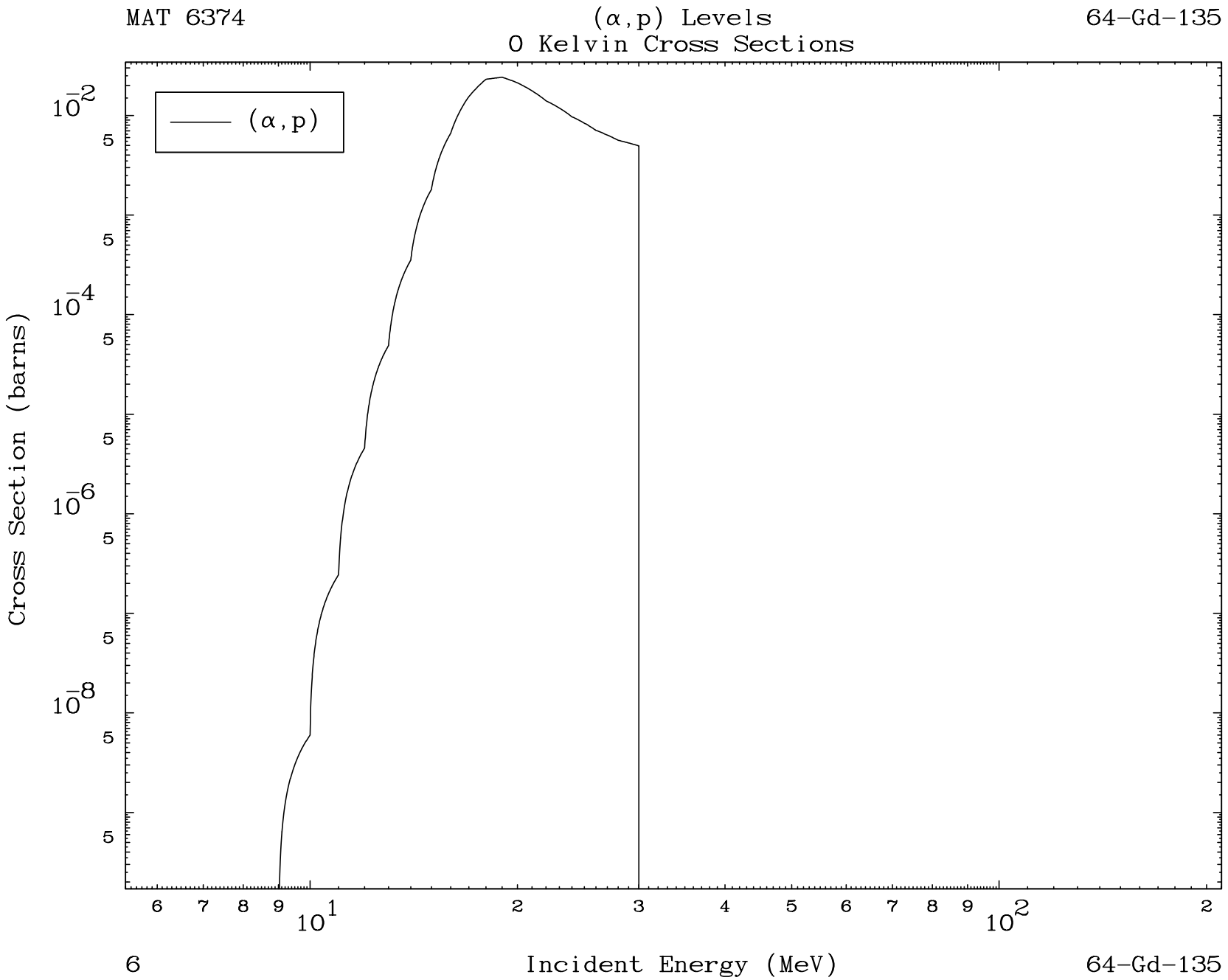

MAT 6374
α Major
64-Gd-135
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
64-Gd-135

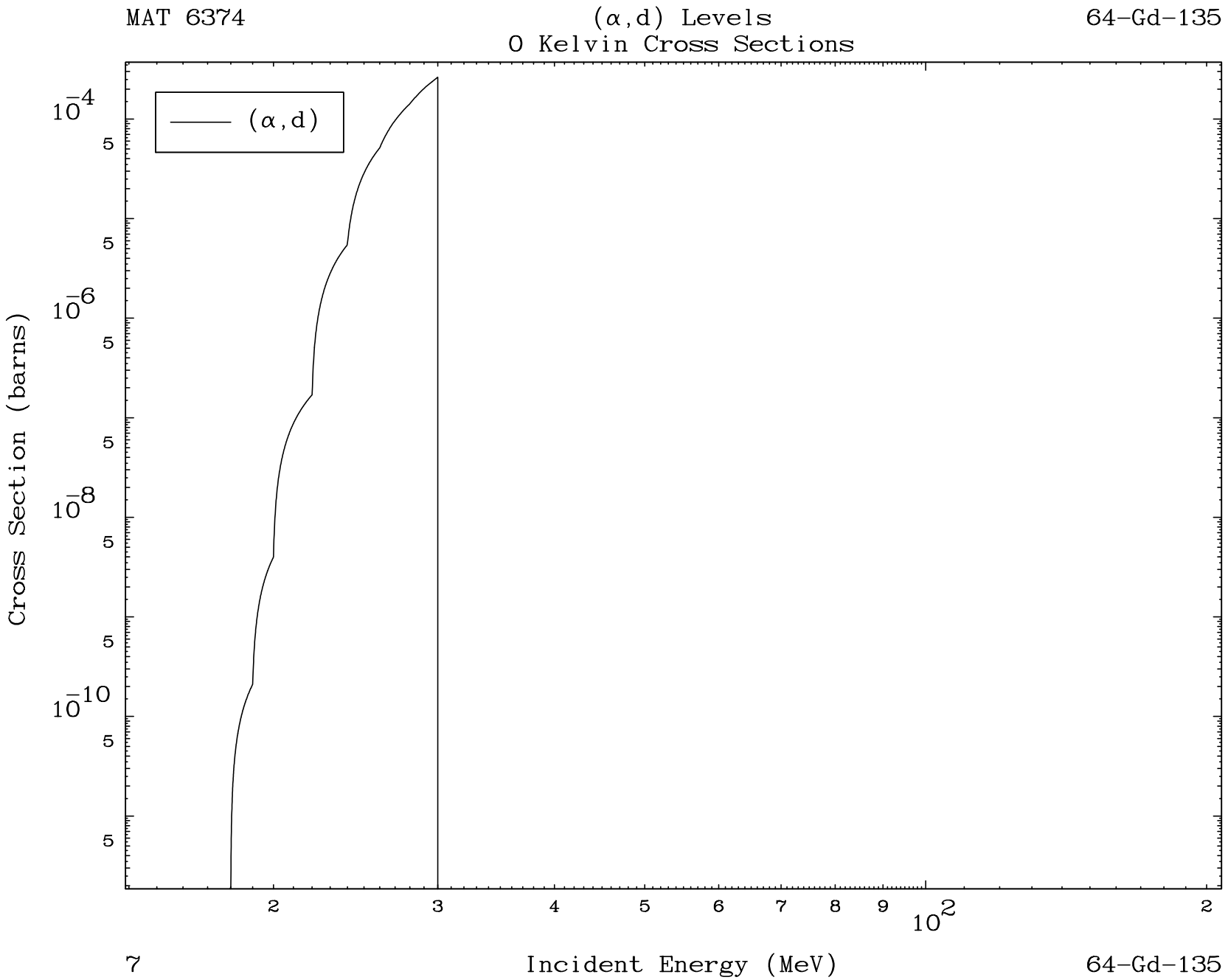

MAT 6374
α Neutron Production
0 Kelvin Cross Sections
64-Gd-135
(α,2n)
(α,n') α
(α,n') p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
64-Gd-135


MAT 6374
α Charged Particle
0 Kelvin Cross Sections
64-Gd-135
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
64-Gd-135

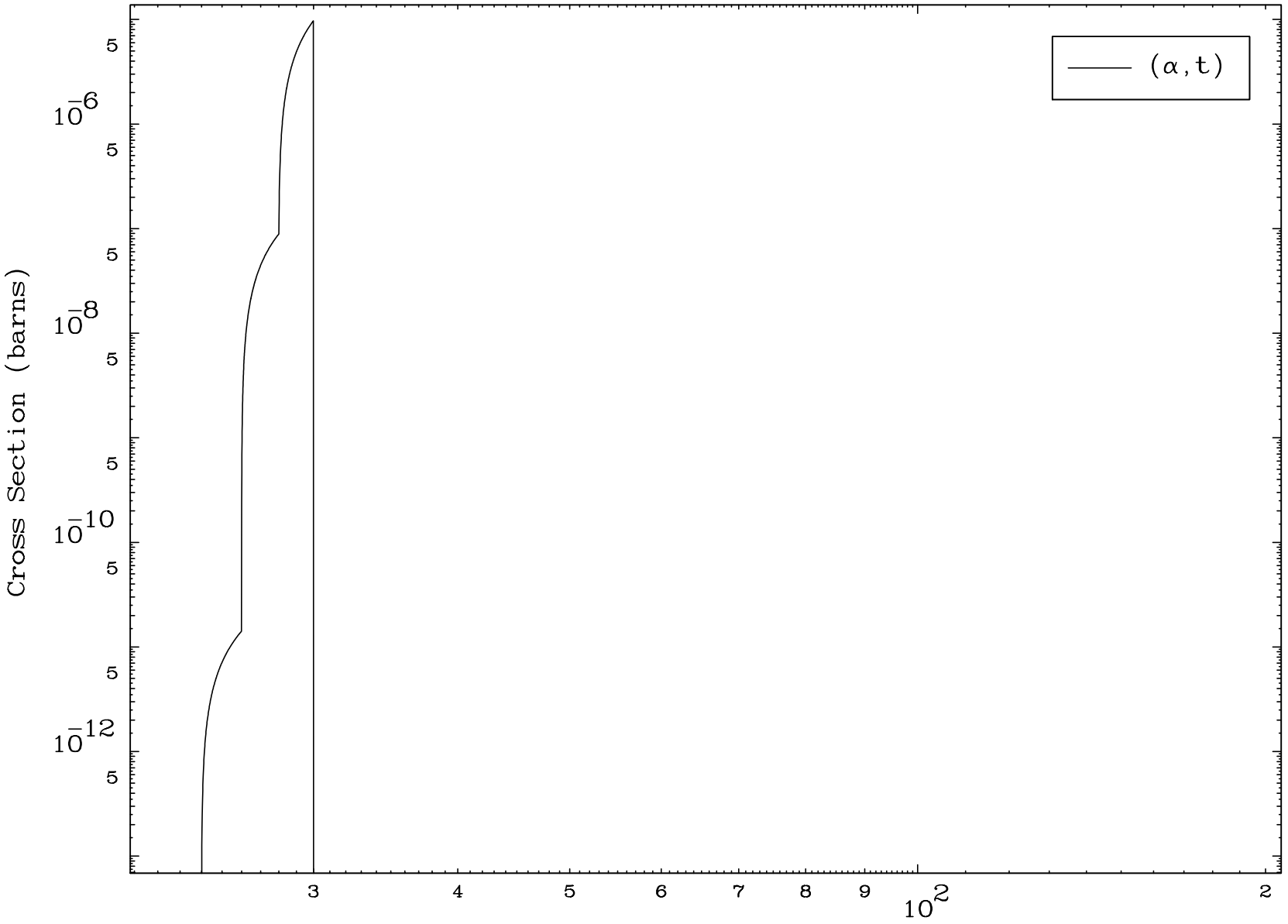

MAT 6374
α Charged Particle
0 Kelvin Cross Sections
64-Gd-135
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
64-Gd-135

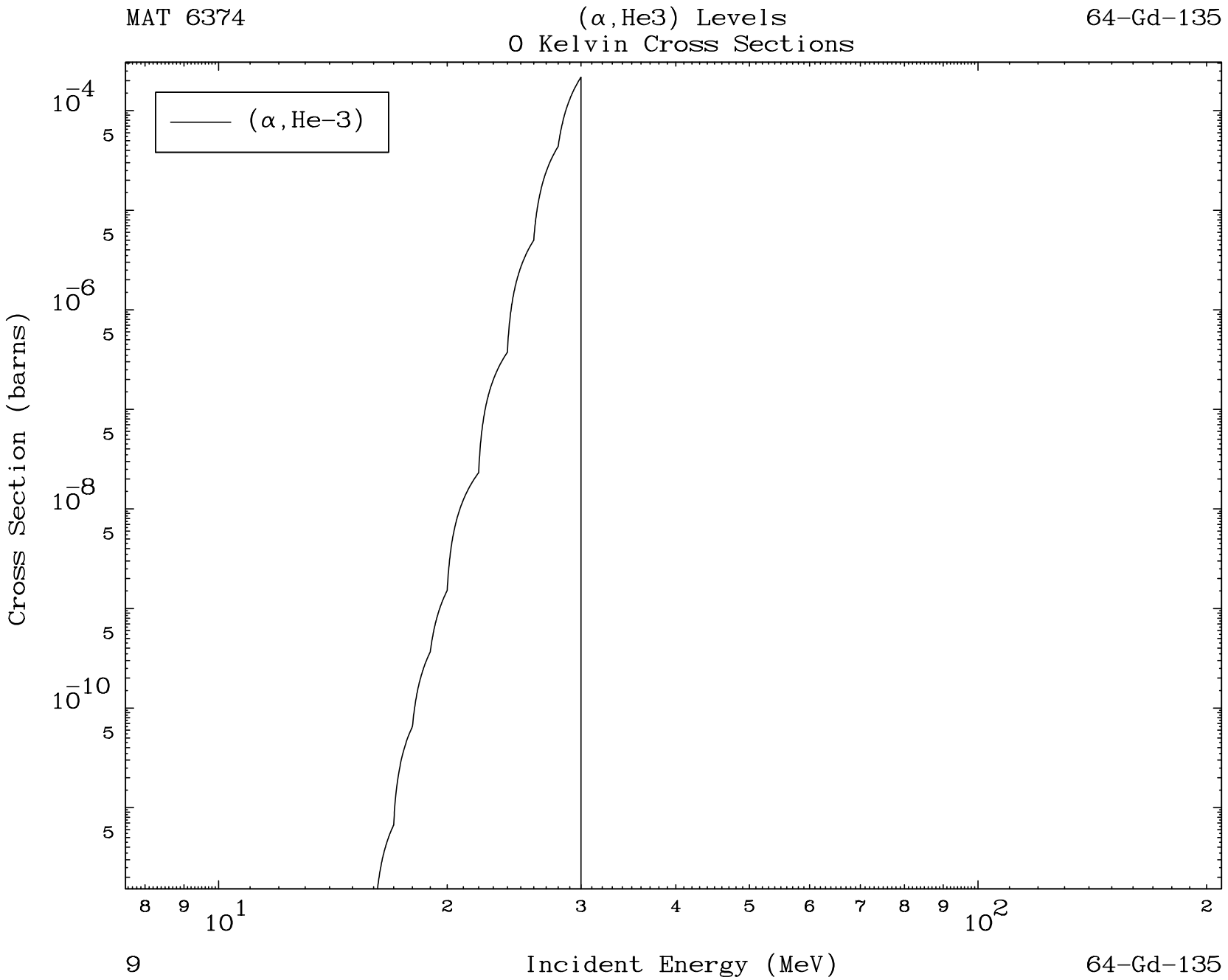

MAT 6374
(α,n') Level
64-Gd-135
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-3
10-4
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
5
64-Gd-135

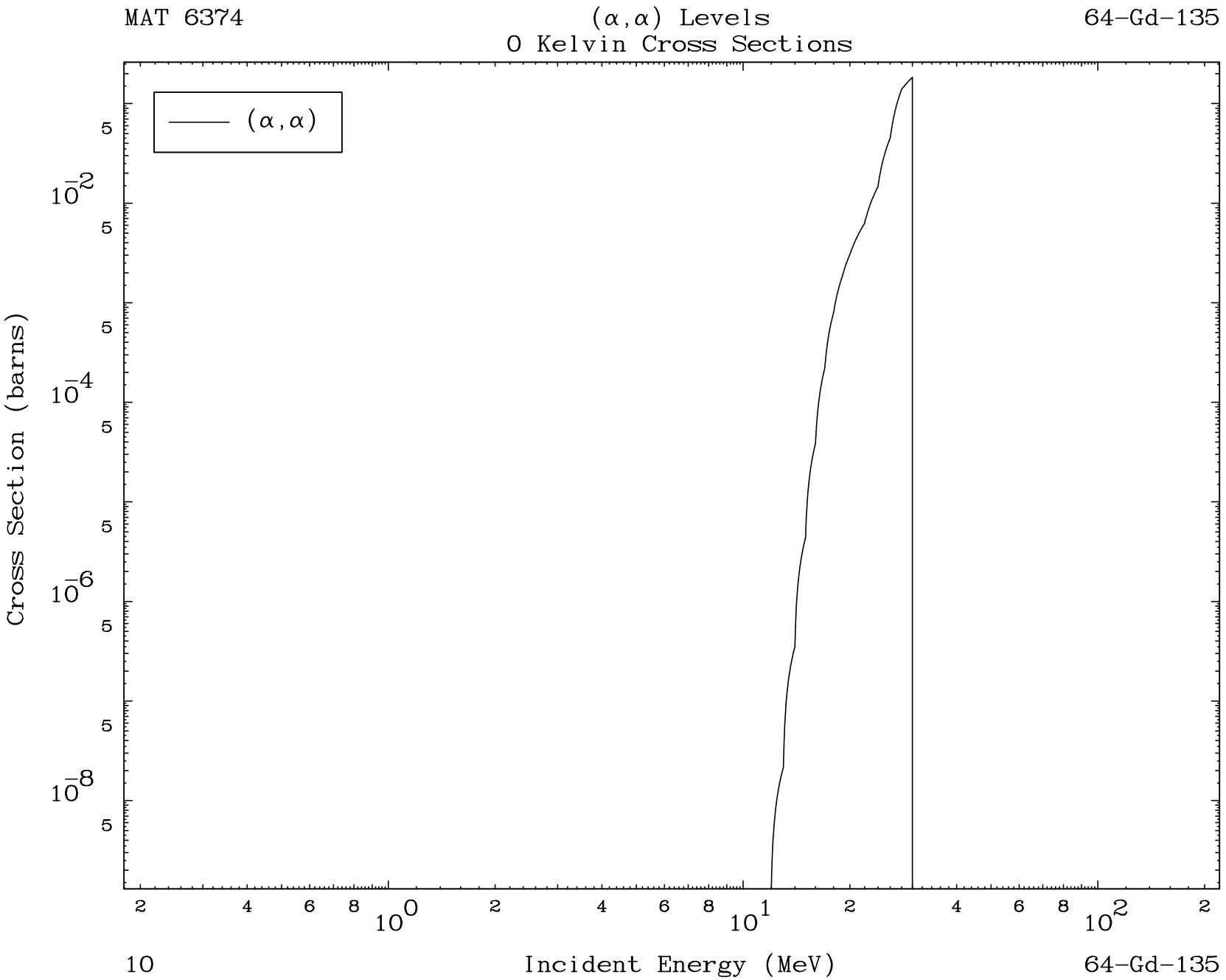

MAT 6374
(α,p) Levels
64-Gd-135
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
6
64-Gd-135


MAT 6374
(α,d) Levels
64-Gd-135
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
64-Gd-135
7

0 Kelvin Cross Sections




MAT 6374
(α,He3) Levels
64-Gd-135
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
64-Gd-135


MAT 6374
(α,α) Levels
64-Gd-135
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
64-Gd-135