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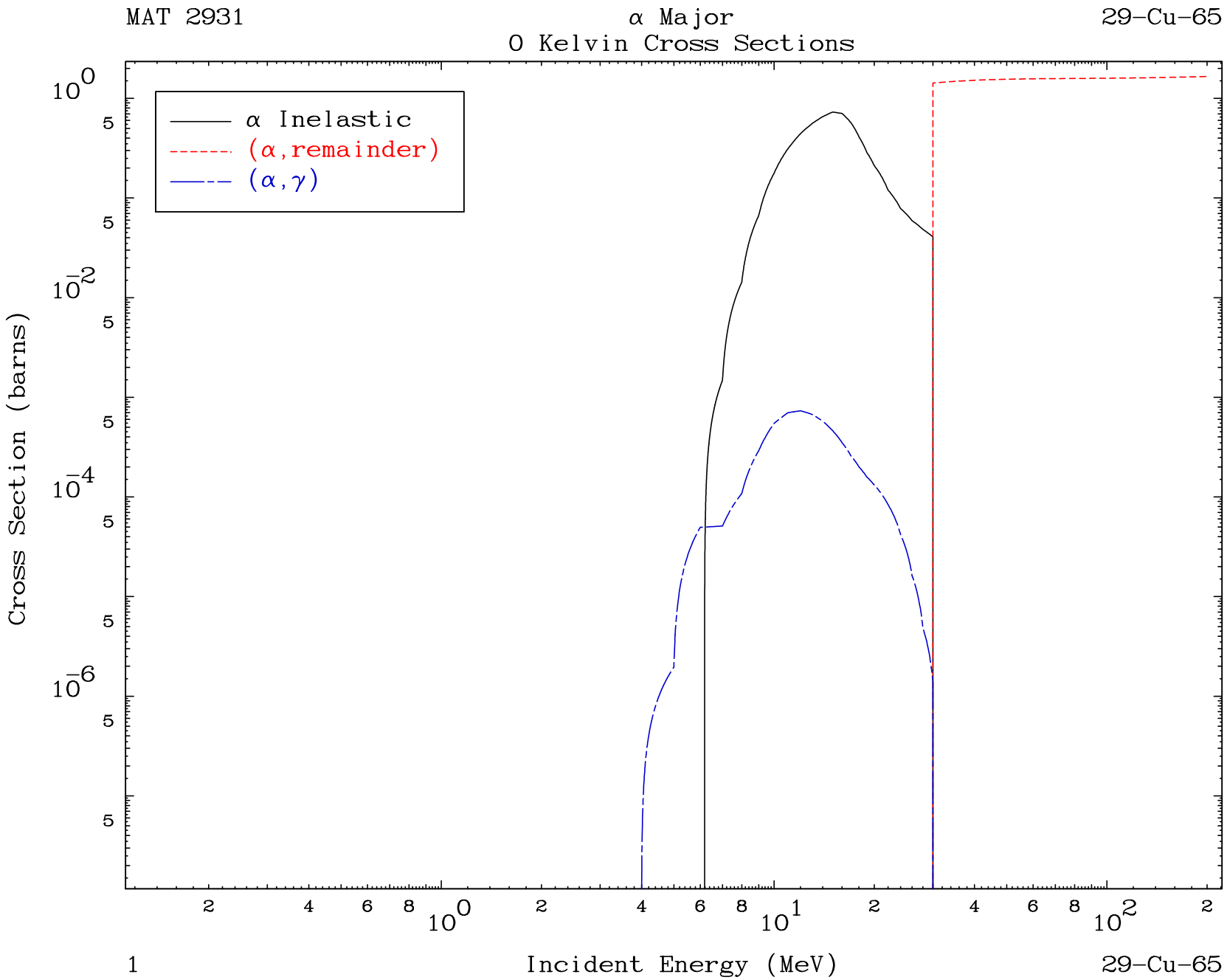
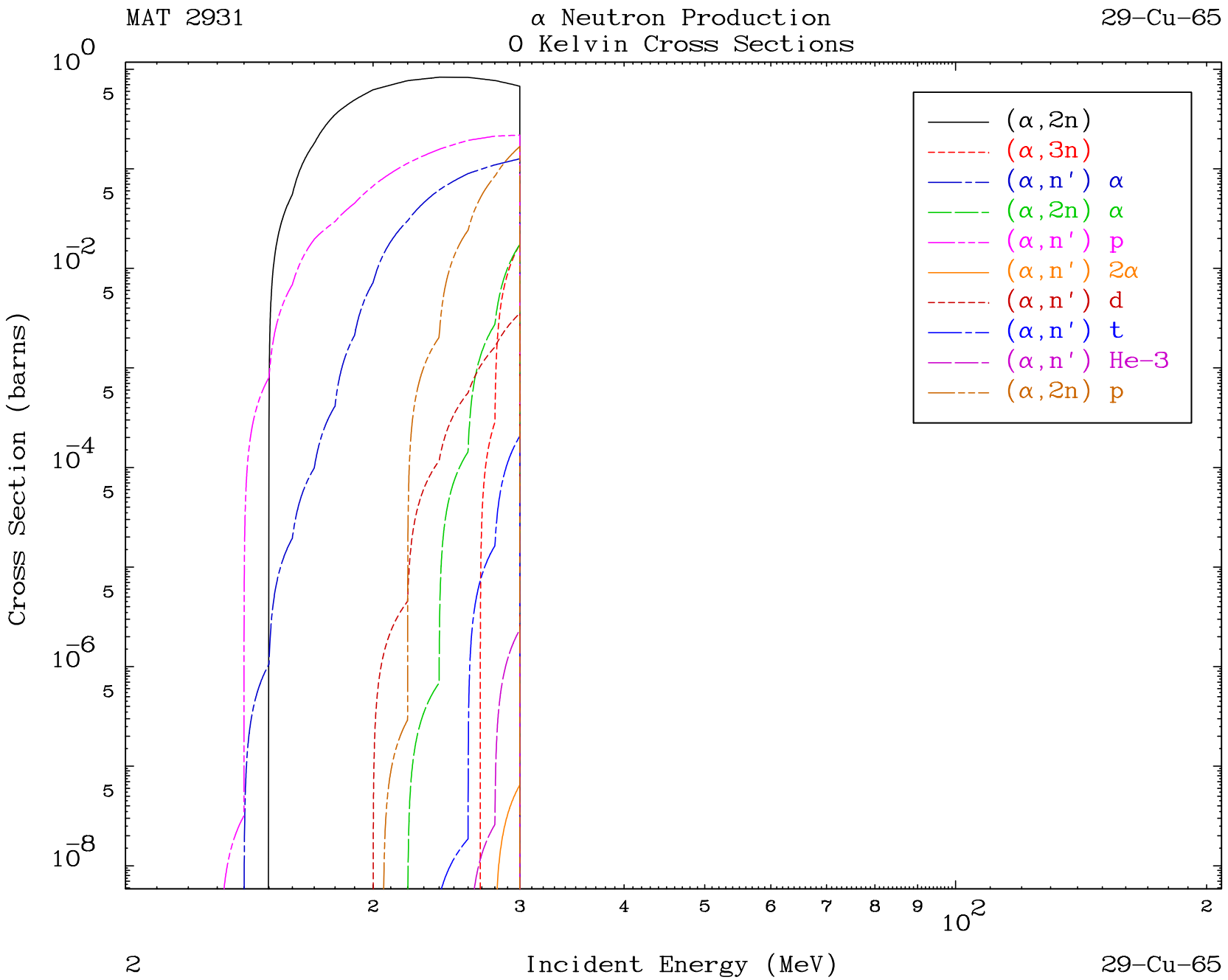
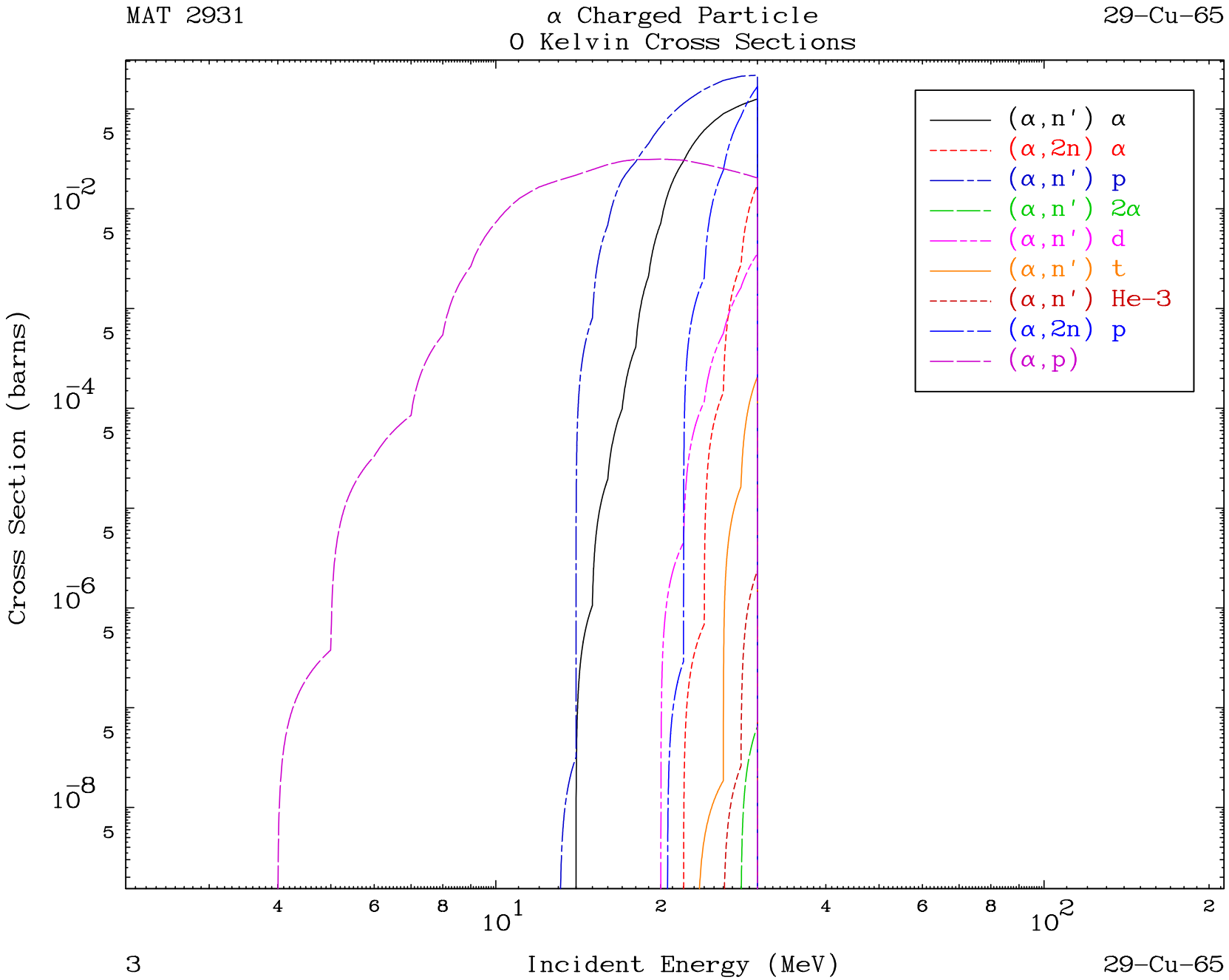
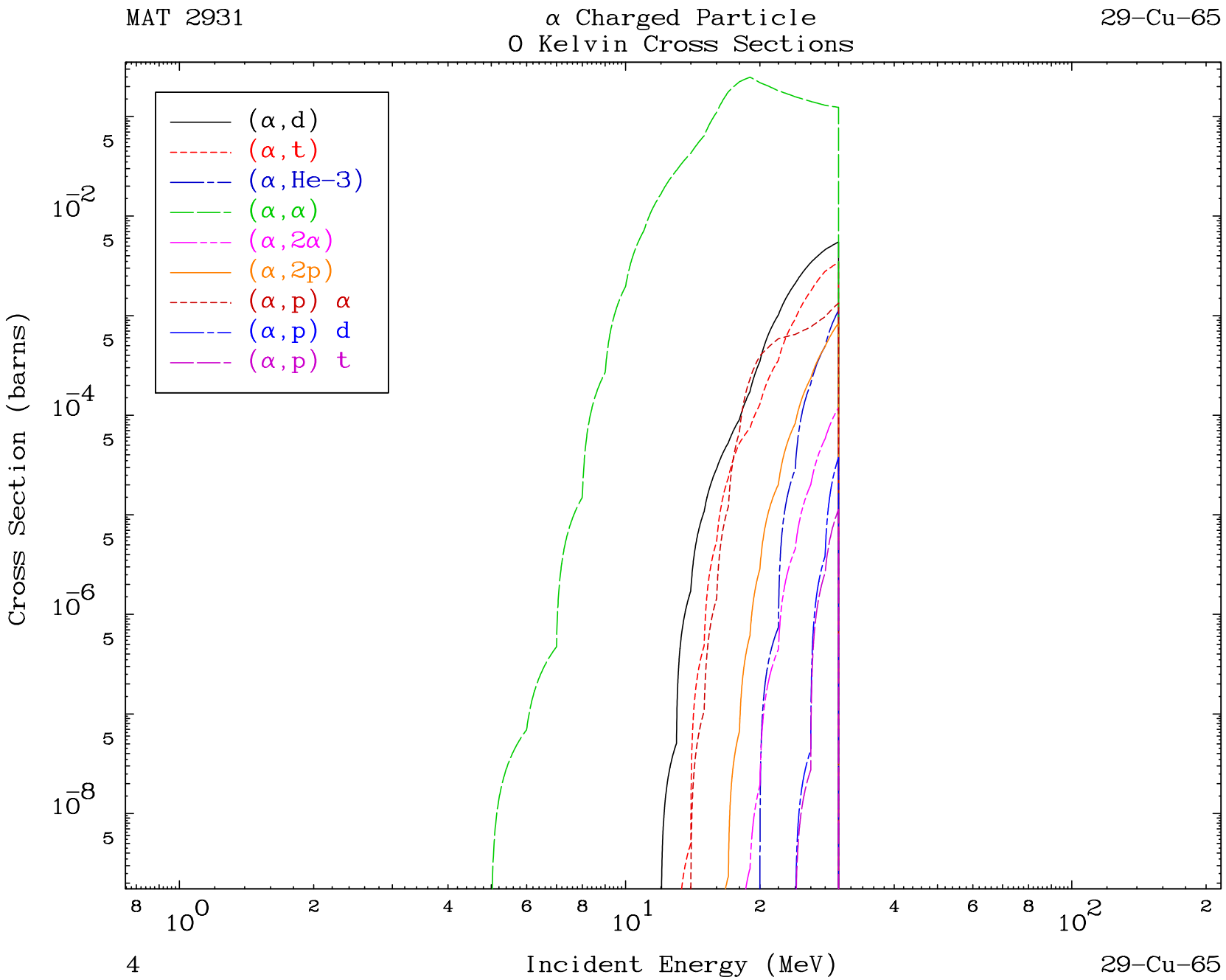
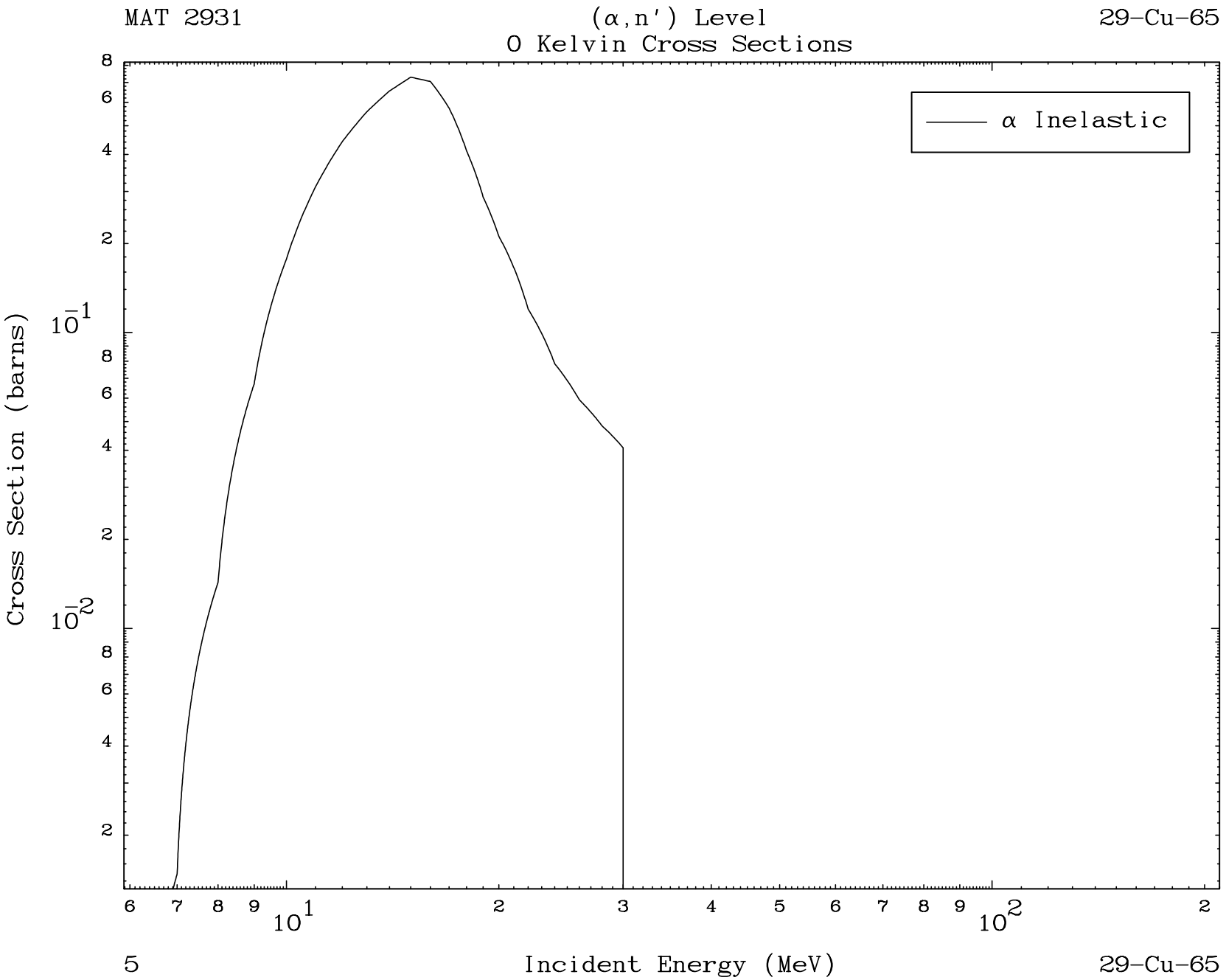
Press Mouse Button to Start

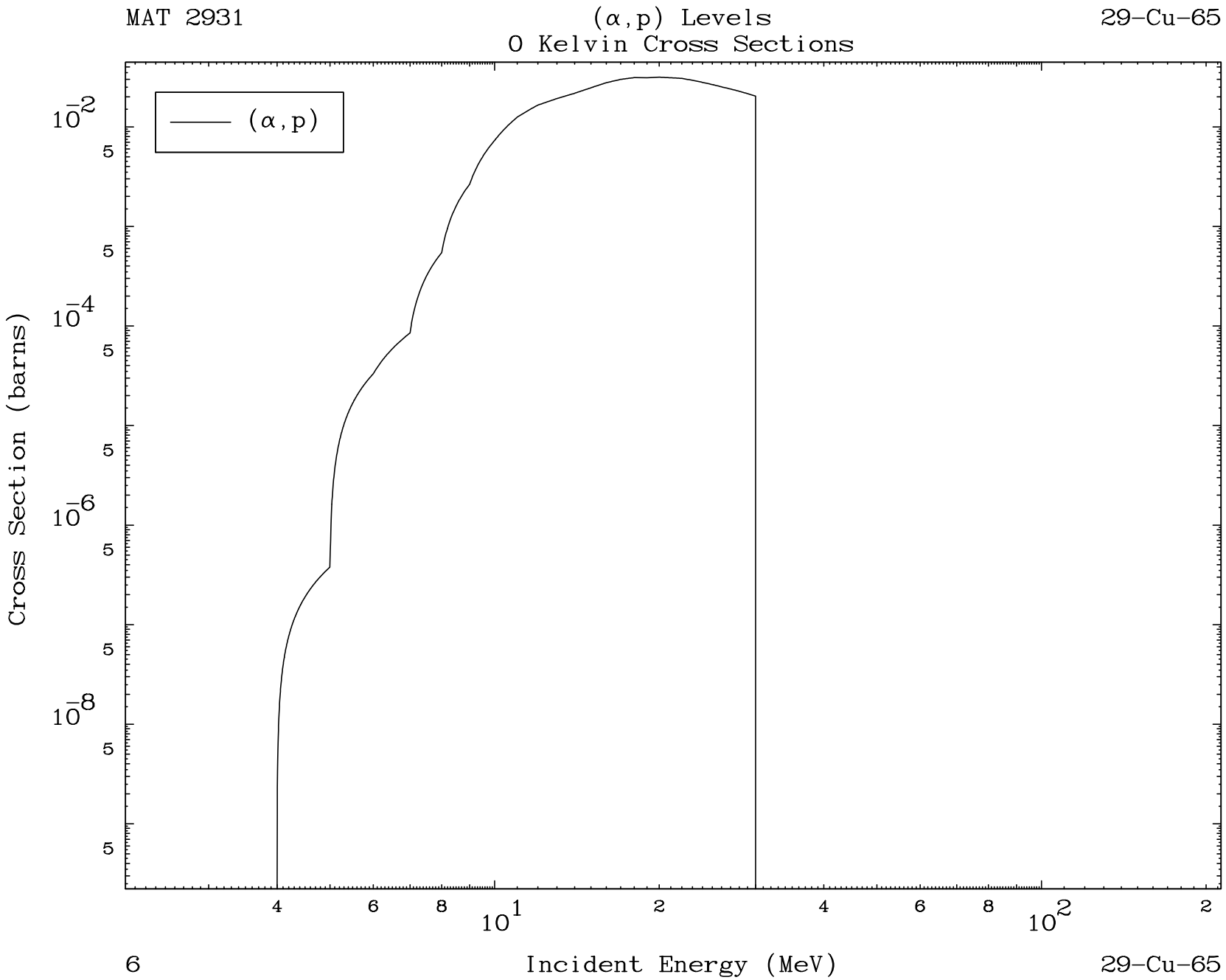

MAT 2931
α Major
29-Cu-65
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
29-Cu-65

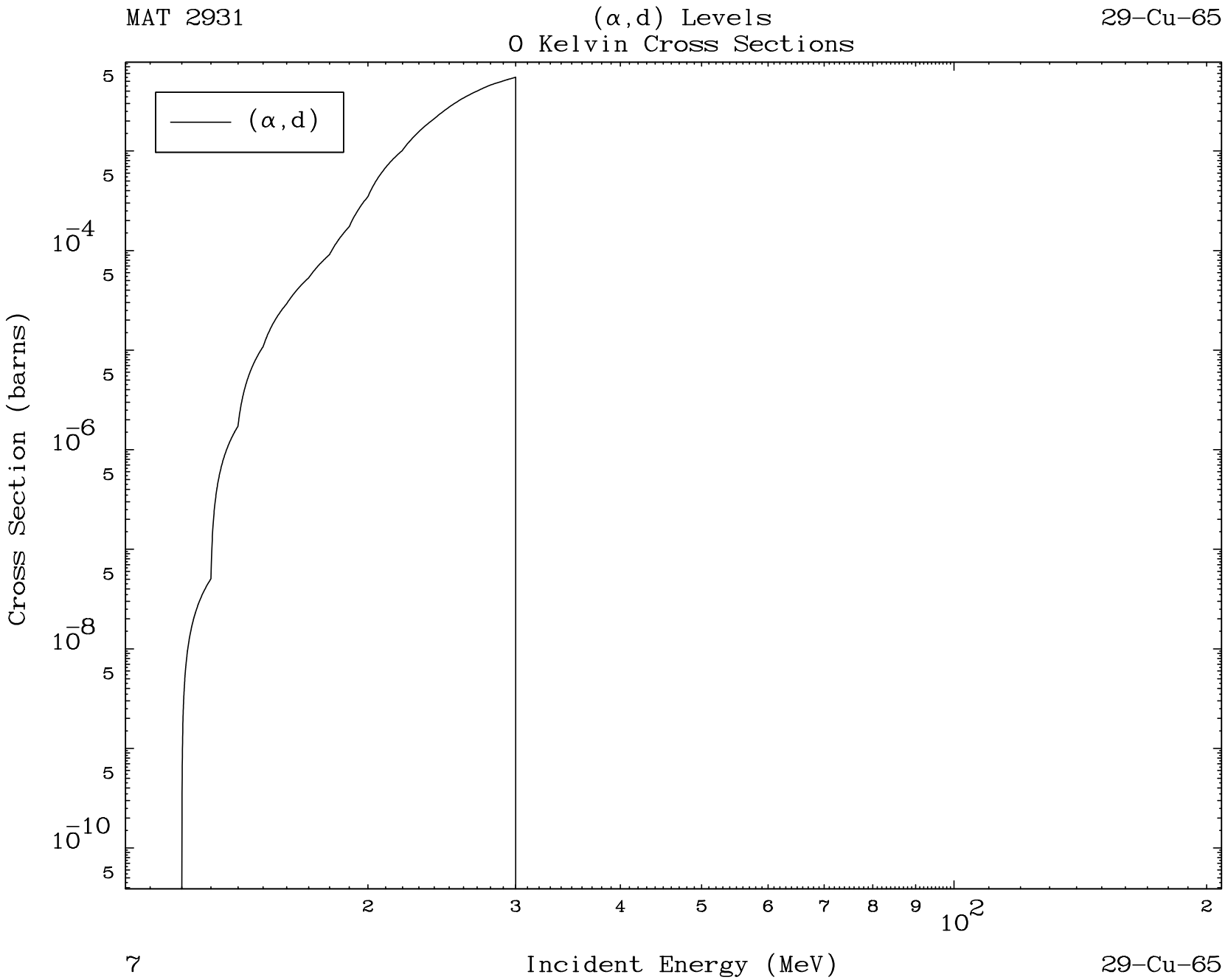

MAT 2931
α Neutron Production
0 Kelvin Cross Sections
29-Cu-65
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

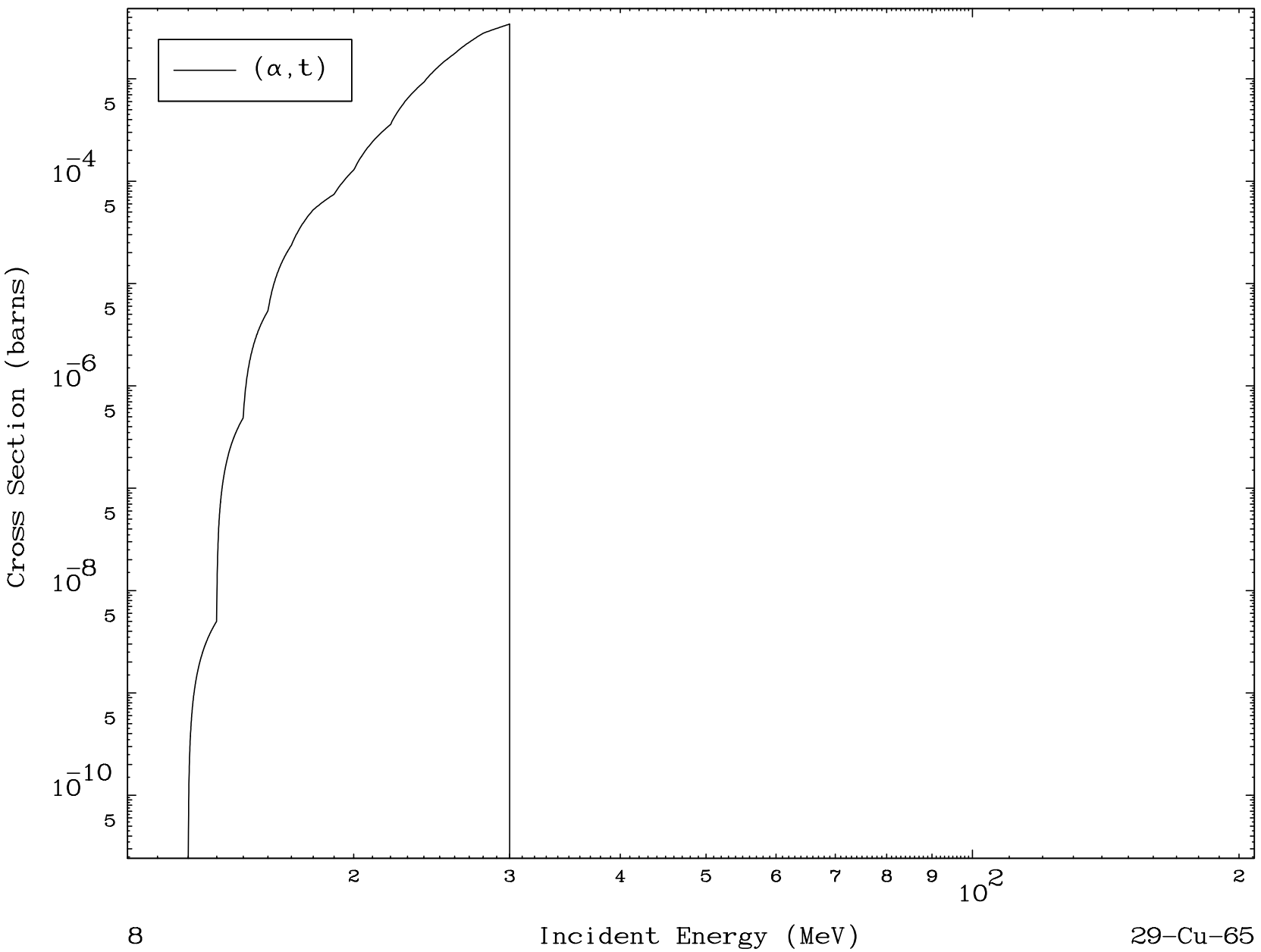

MAT 2931
α Charged Particle
0 Kelvin Cross Sections
29-Cu-65
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
3
29-Cu-65


MAT 2931
α Charged Particle
0 Kelvin Cross Sections
29-Cu-65
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
29-Cu-65

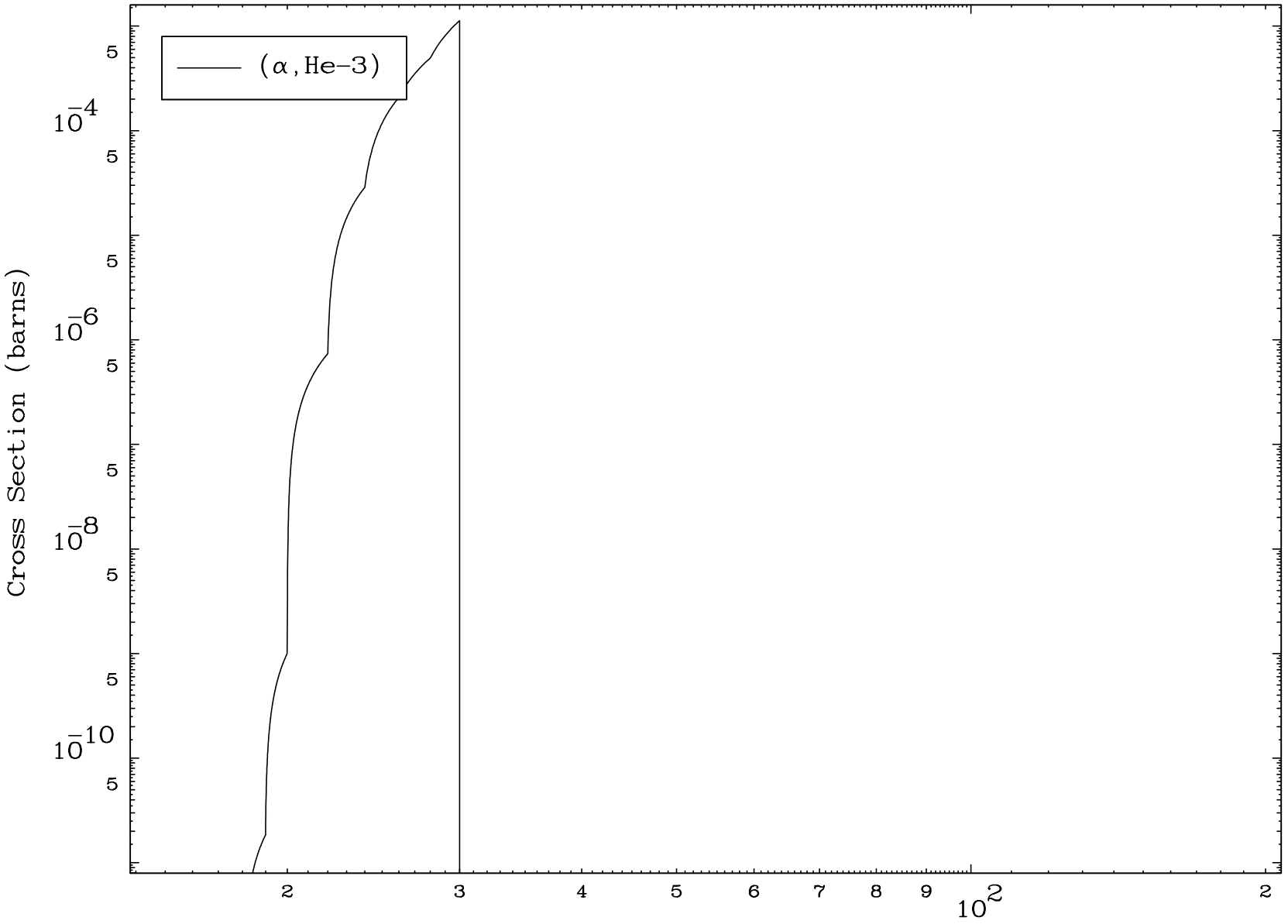

MAT 2931
(α,n') Level
29-Cu-65
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
29-Cu-65

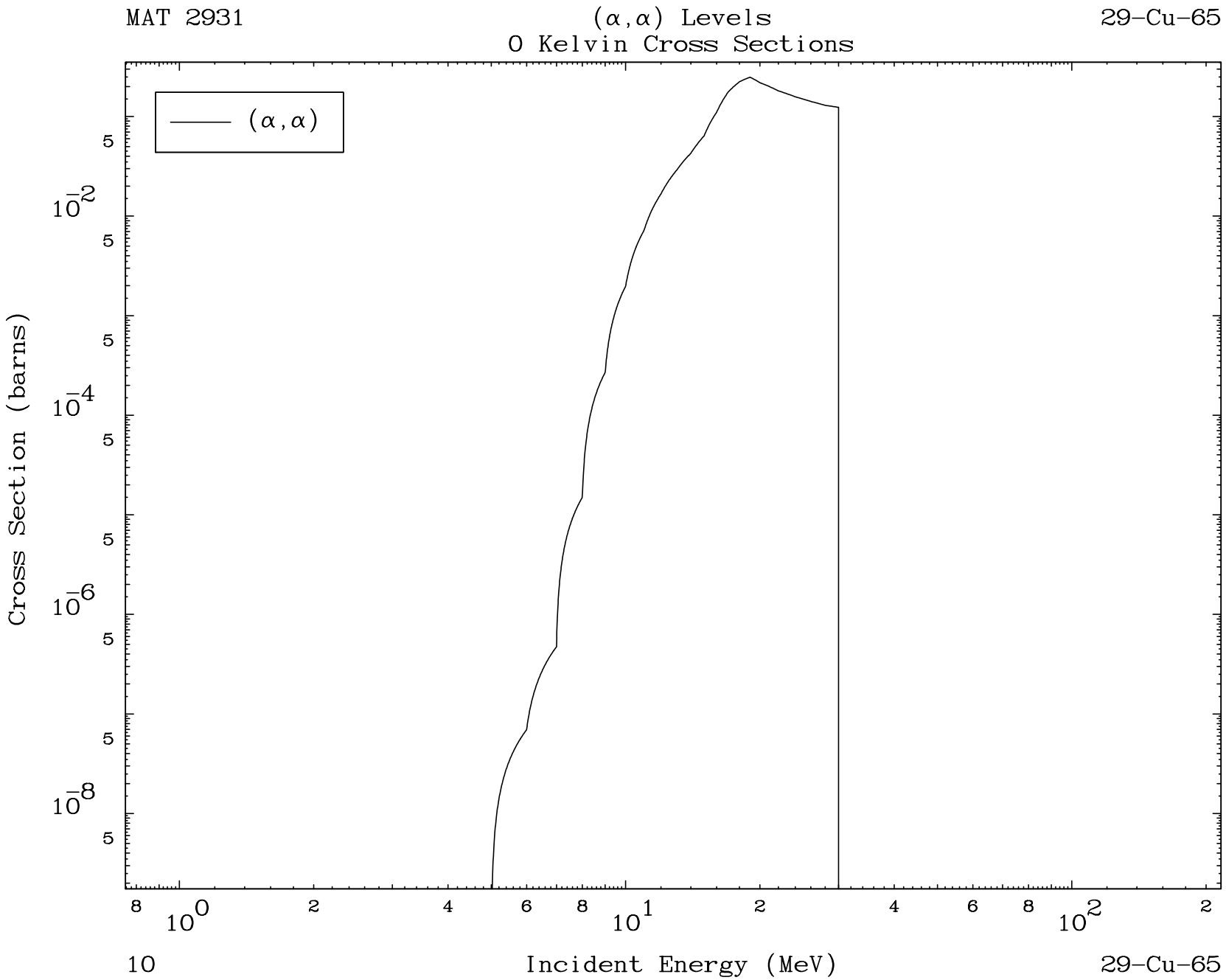

MAT 2931
(α,p) Levels
29-Cu-65
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
6
29-Cu-65

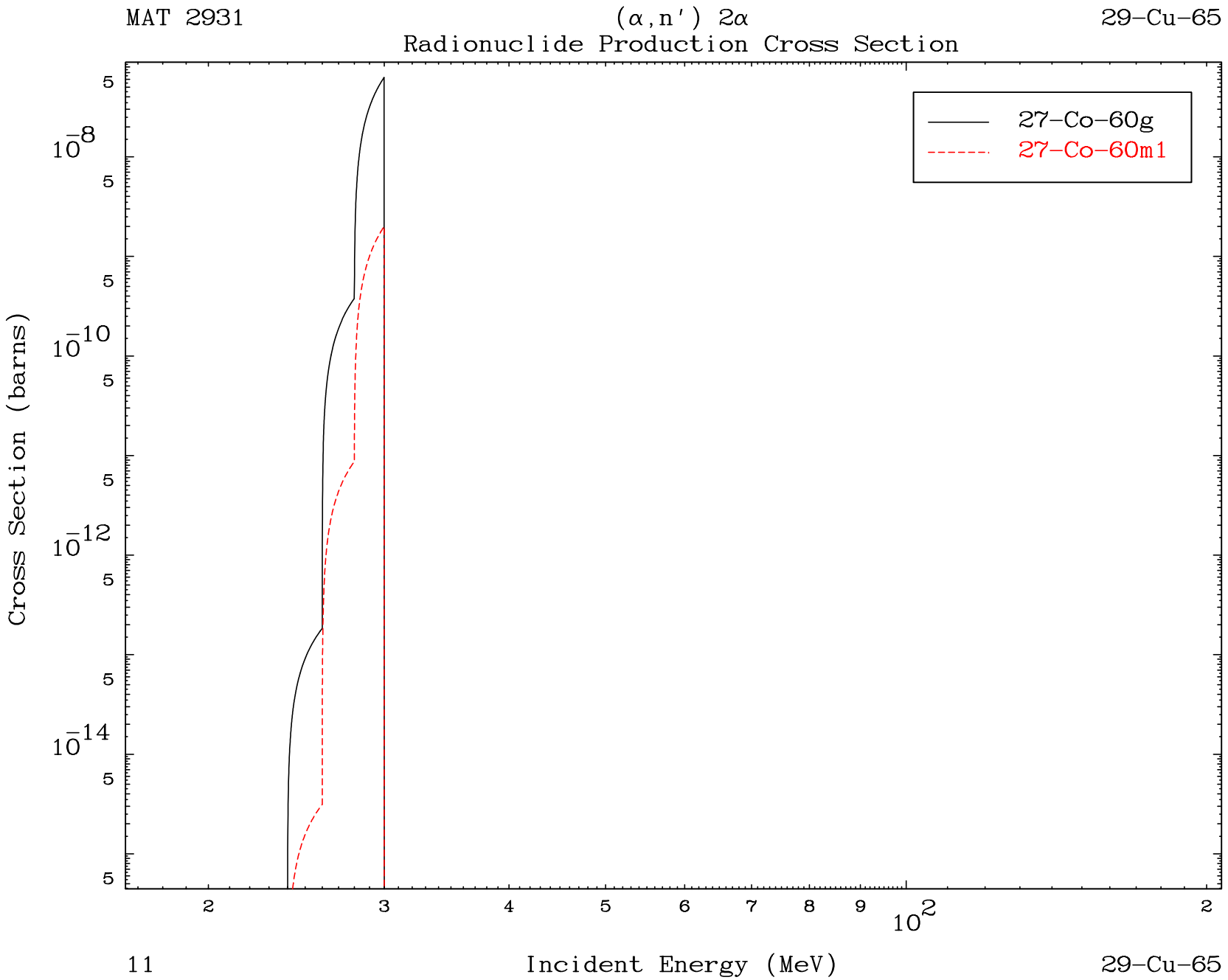

MAT 2931
(α,d) Levels
0 Kelvin Cross Sections
29-Cu-65
(α,d)
Cross Section (barns)
Incident Energy (MeV)
7
29-Cu-65


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
10²
2
Incident Energy (MeV)

0 Kelvin Cross Sections




MAT 2931
(α,α) Levels
29-Cu-65
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
29-Cu-65


MAT 2931
(α,n') 2α
29-Cu-65
Radionuclide Production Cross Section
27-Co-60g
27-Co-60m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
11
29-Cu-65