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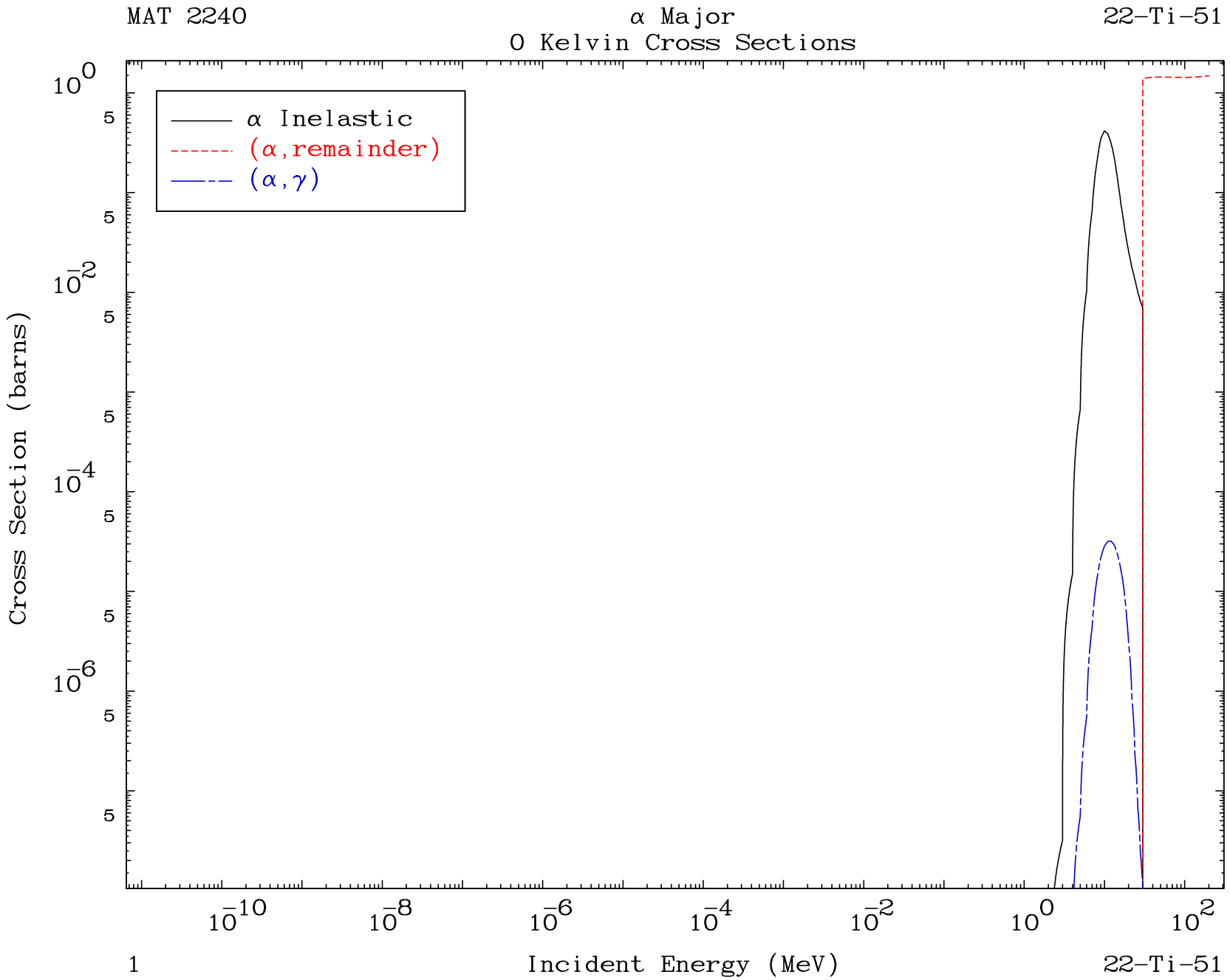
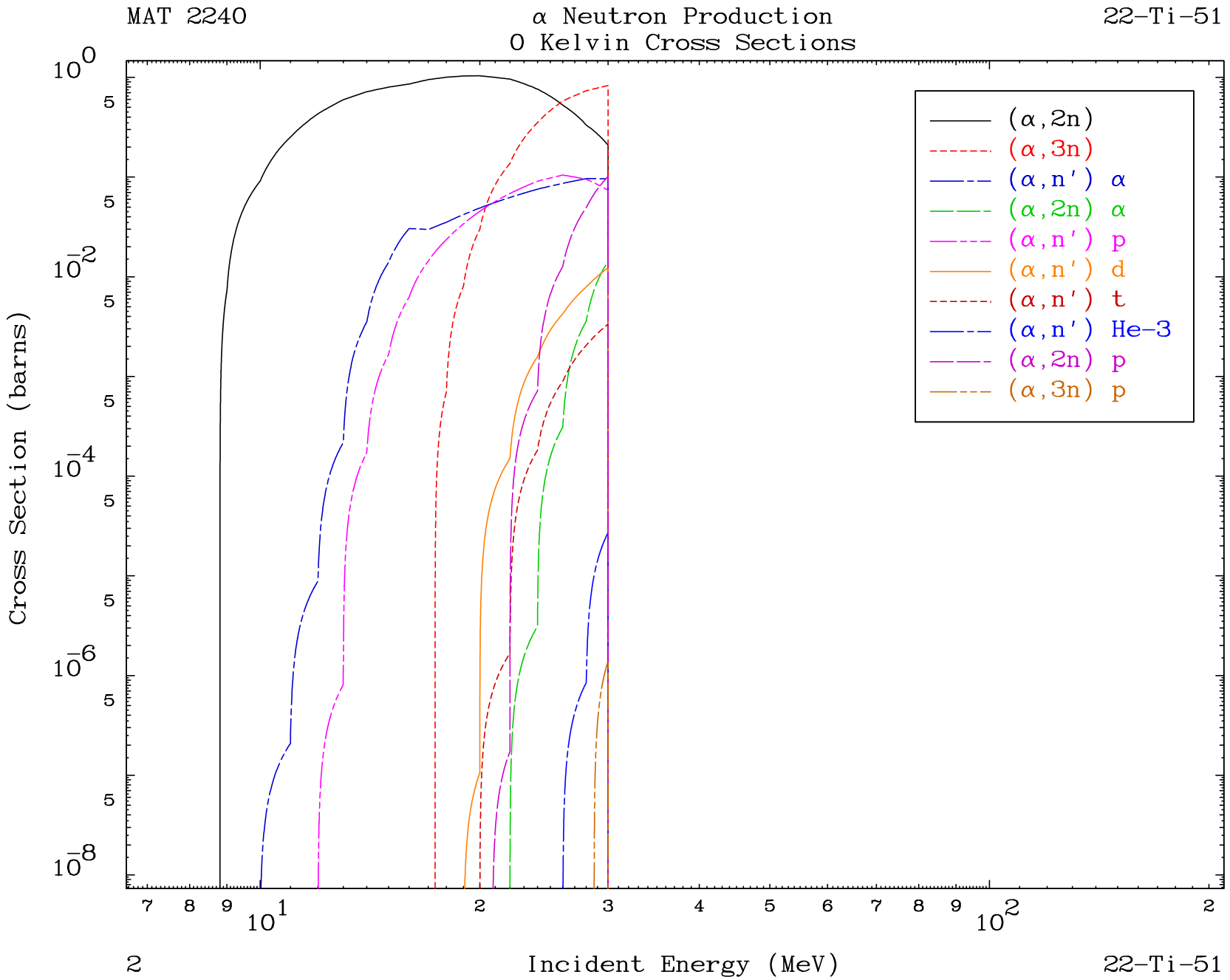
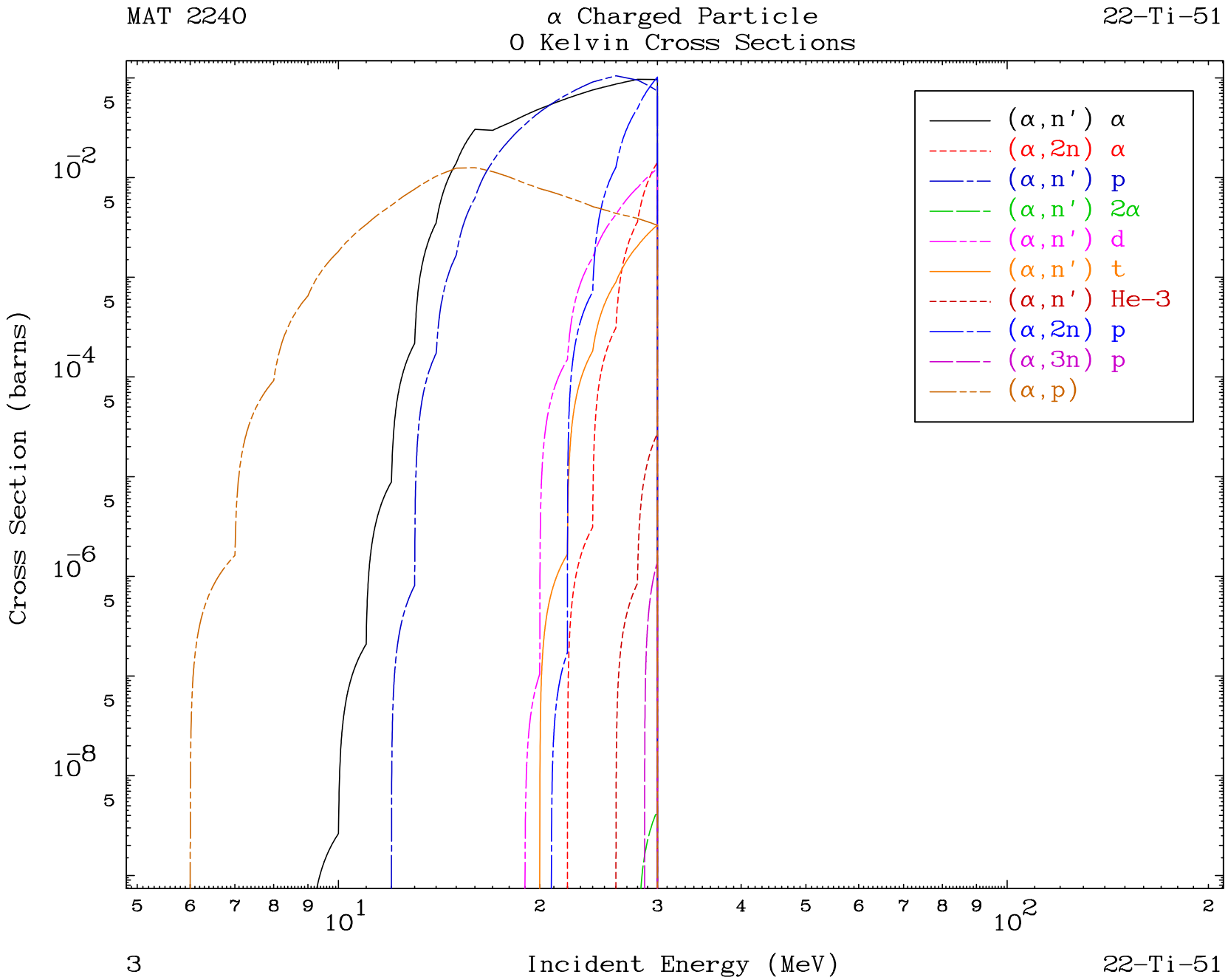
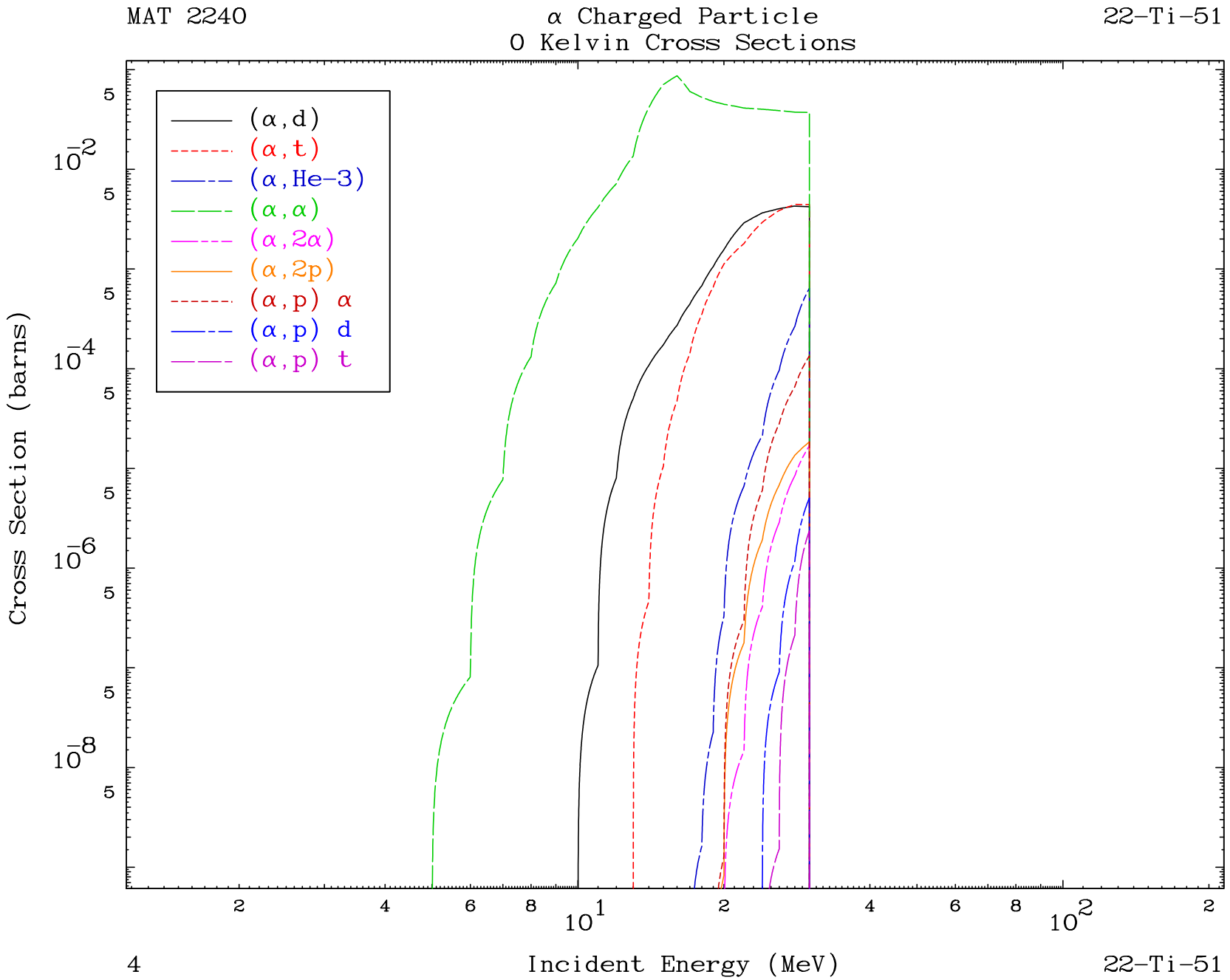
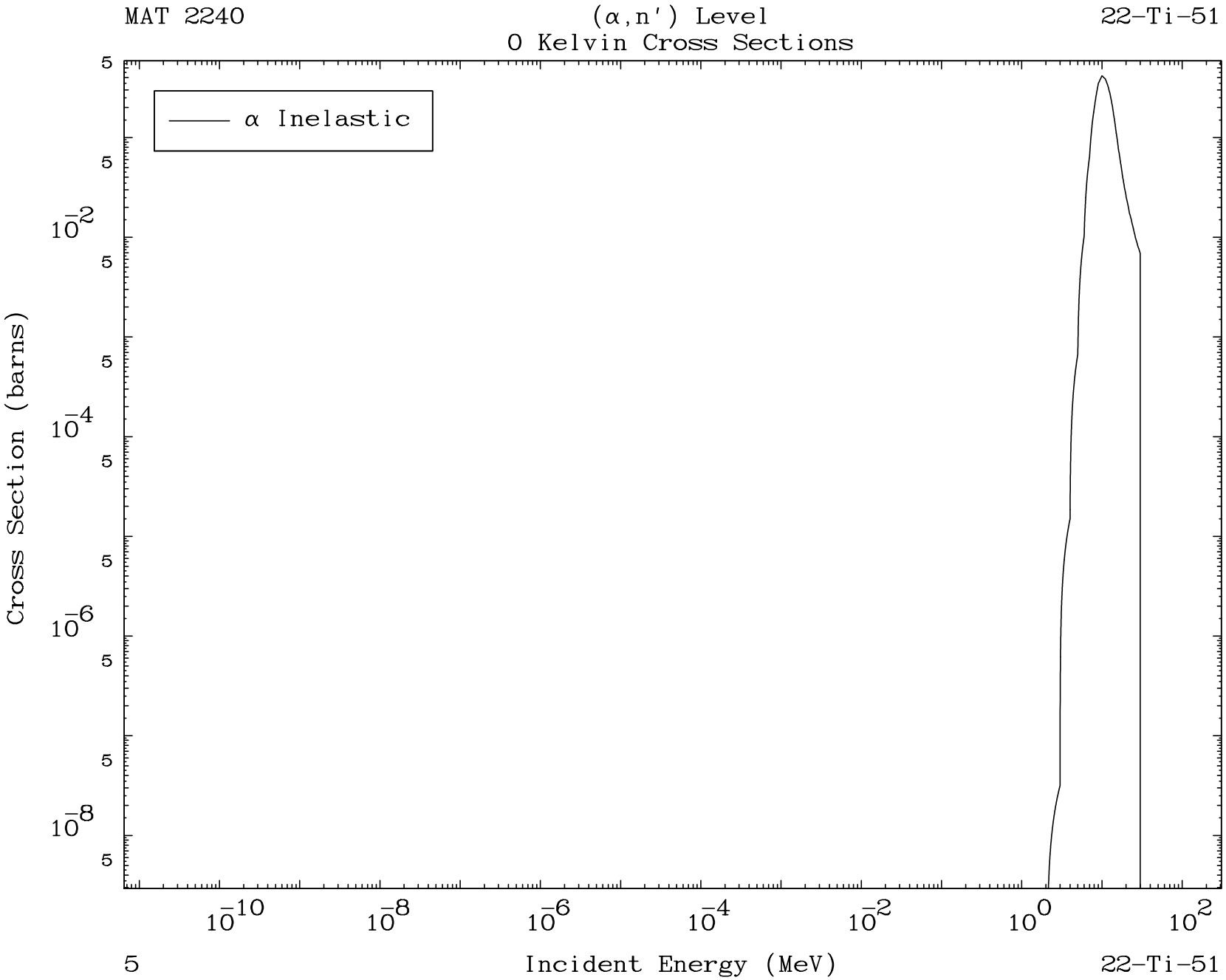
Press Mouse Button to Start

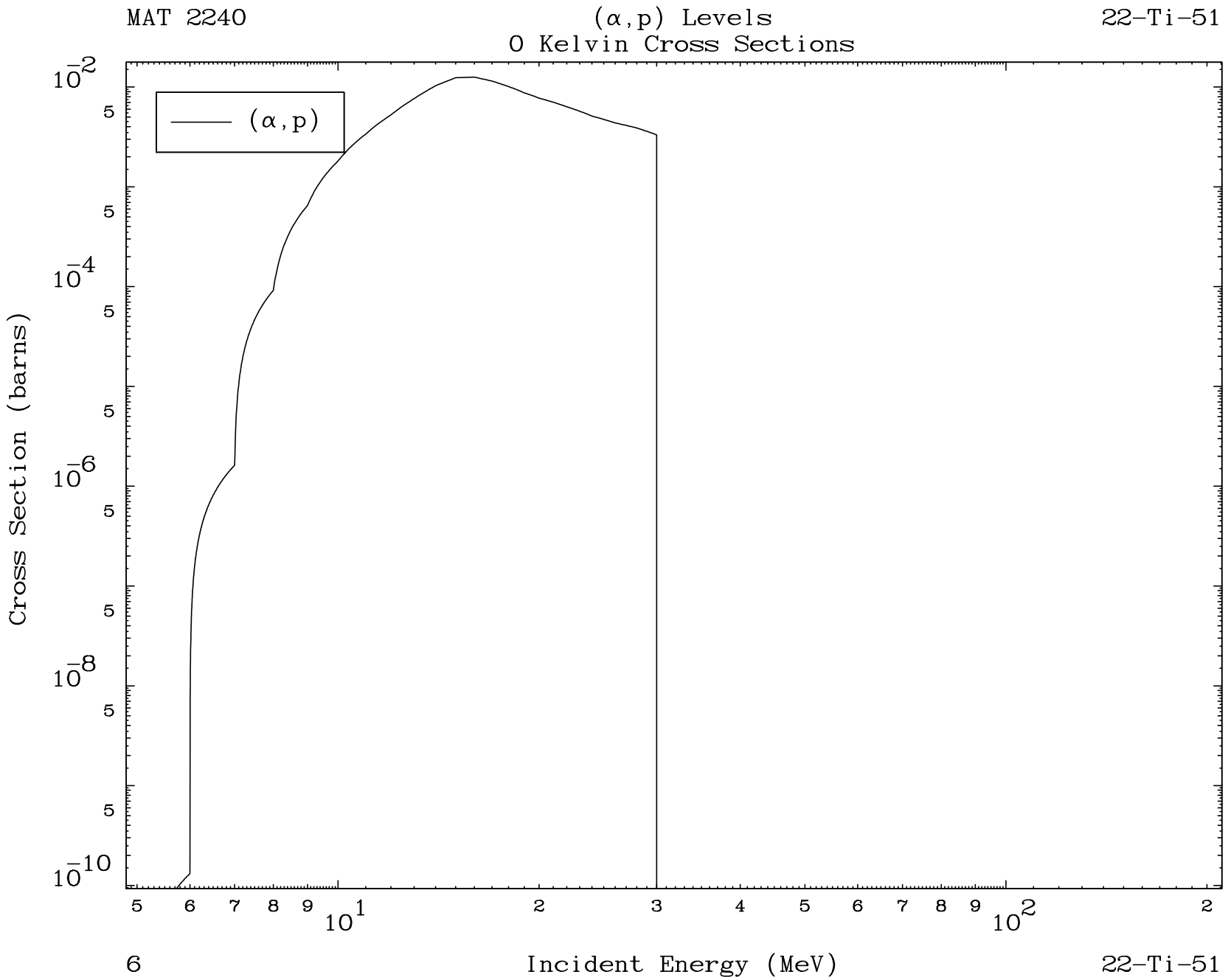

MAT 2240
α Major
22-Ti-51
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-51

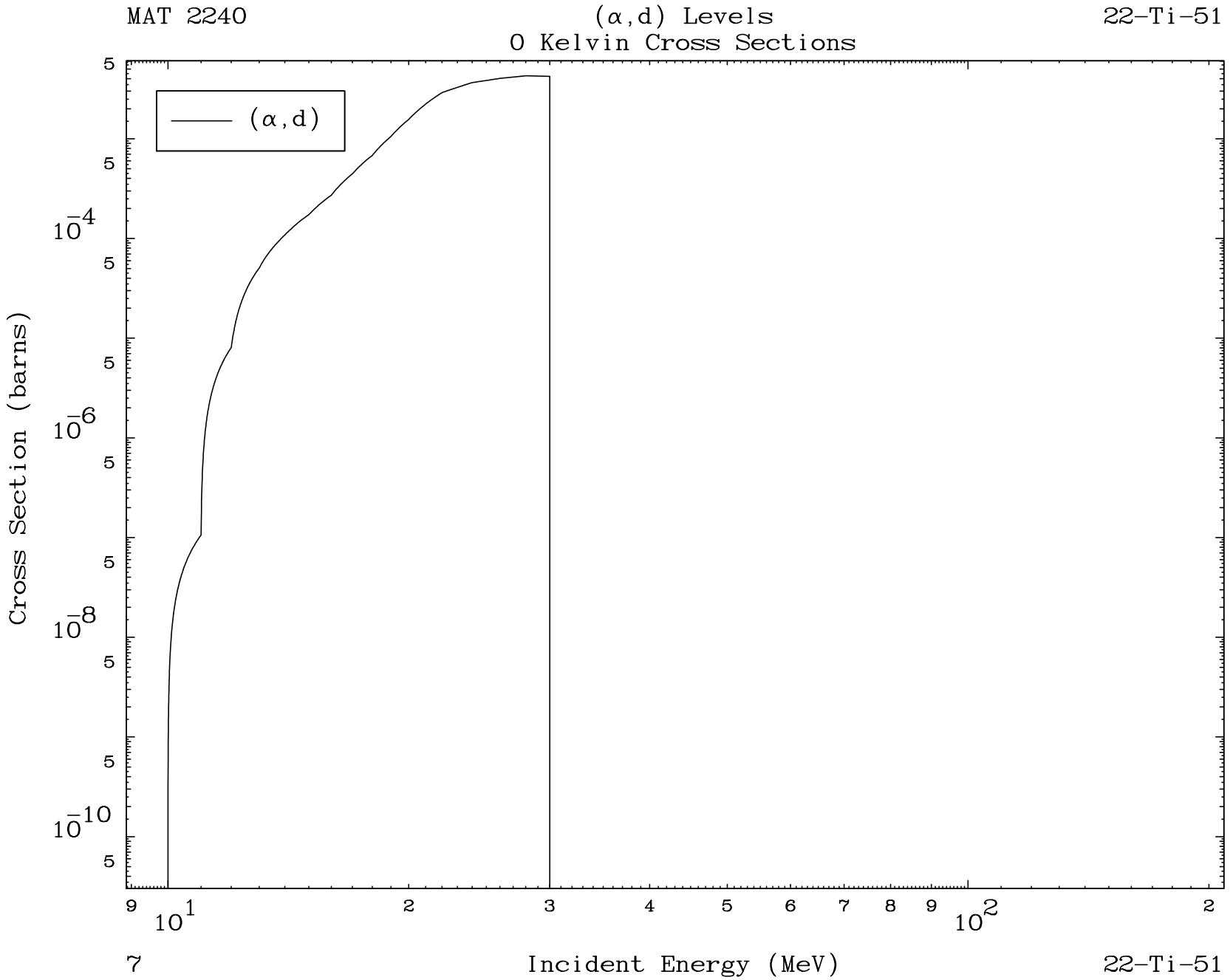

MAT 2240
α Neutron Production
0 Kelvin Cross Sections
22-Ti-51
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p

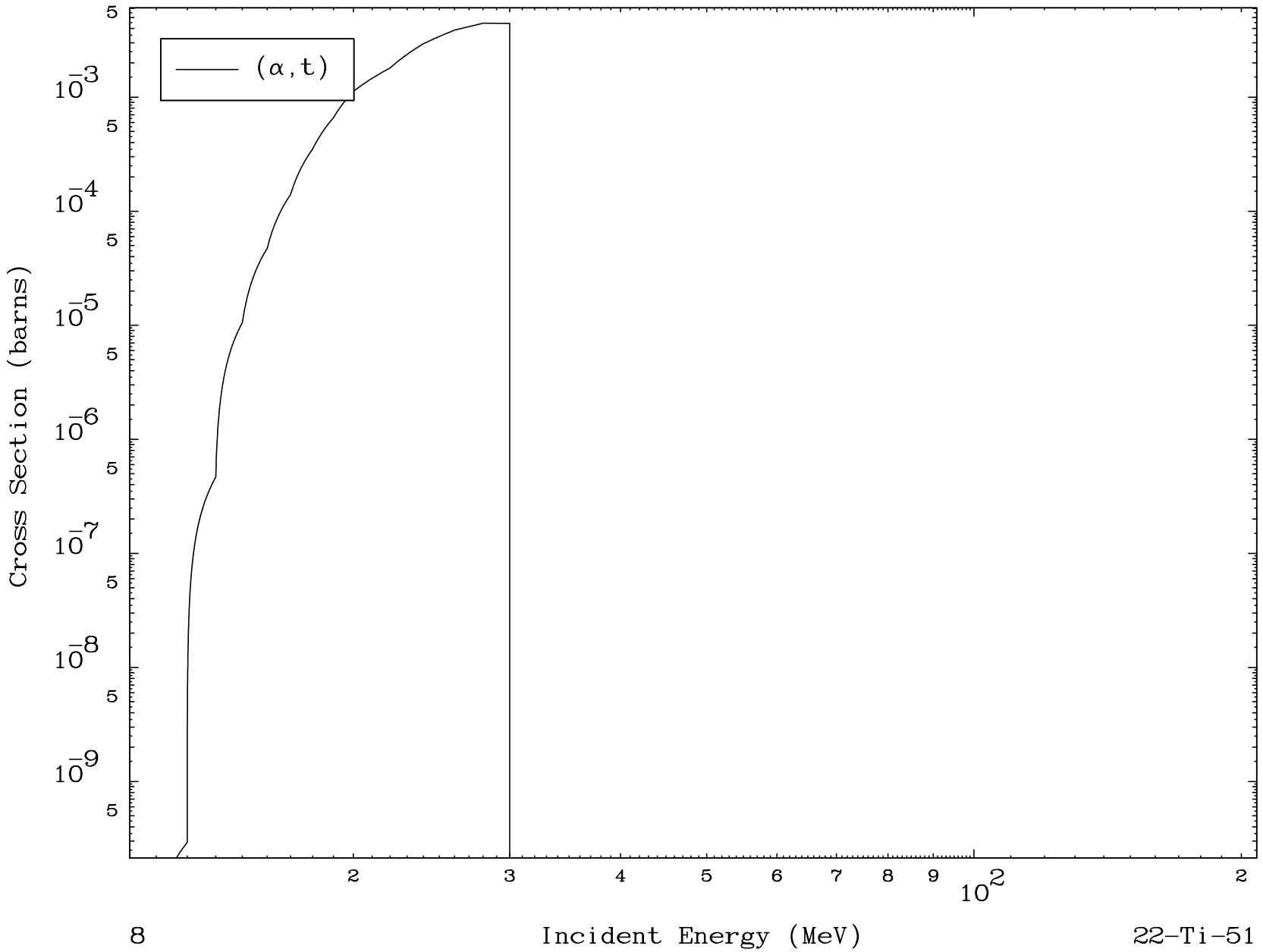

MAT 2240
α Charged Particle
0 Kelvin Cross Sections
22-Ti-51
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6
7
8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p
(α,p)
3
Incident Energy (MeV)
22-Ti-51

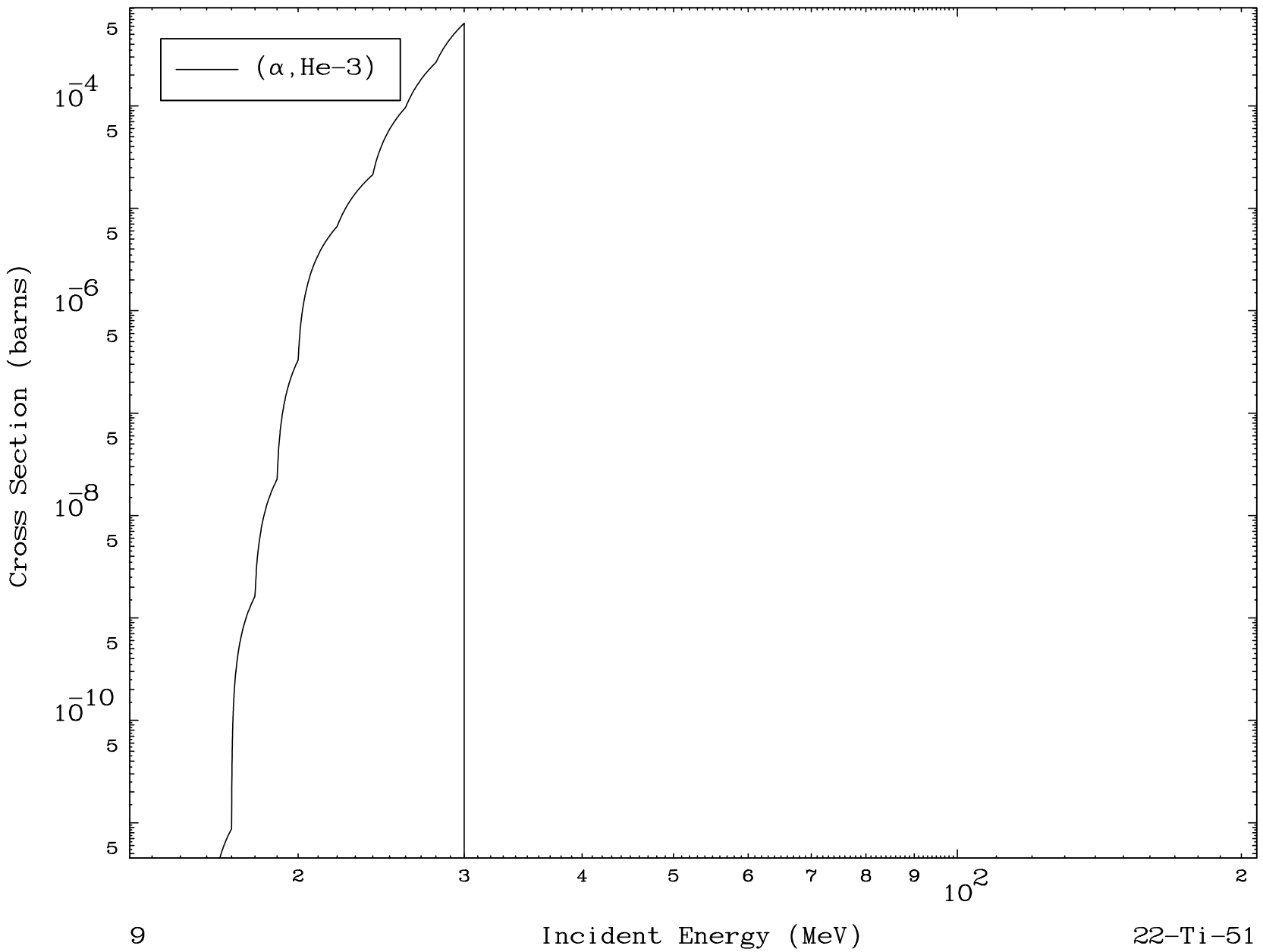

MAT 2240
α Charged Particle
0 Kelvin Cross Sections
22-Ti-51
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
4
22-Ti-51

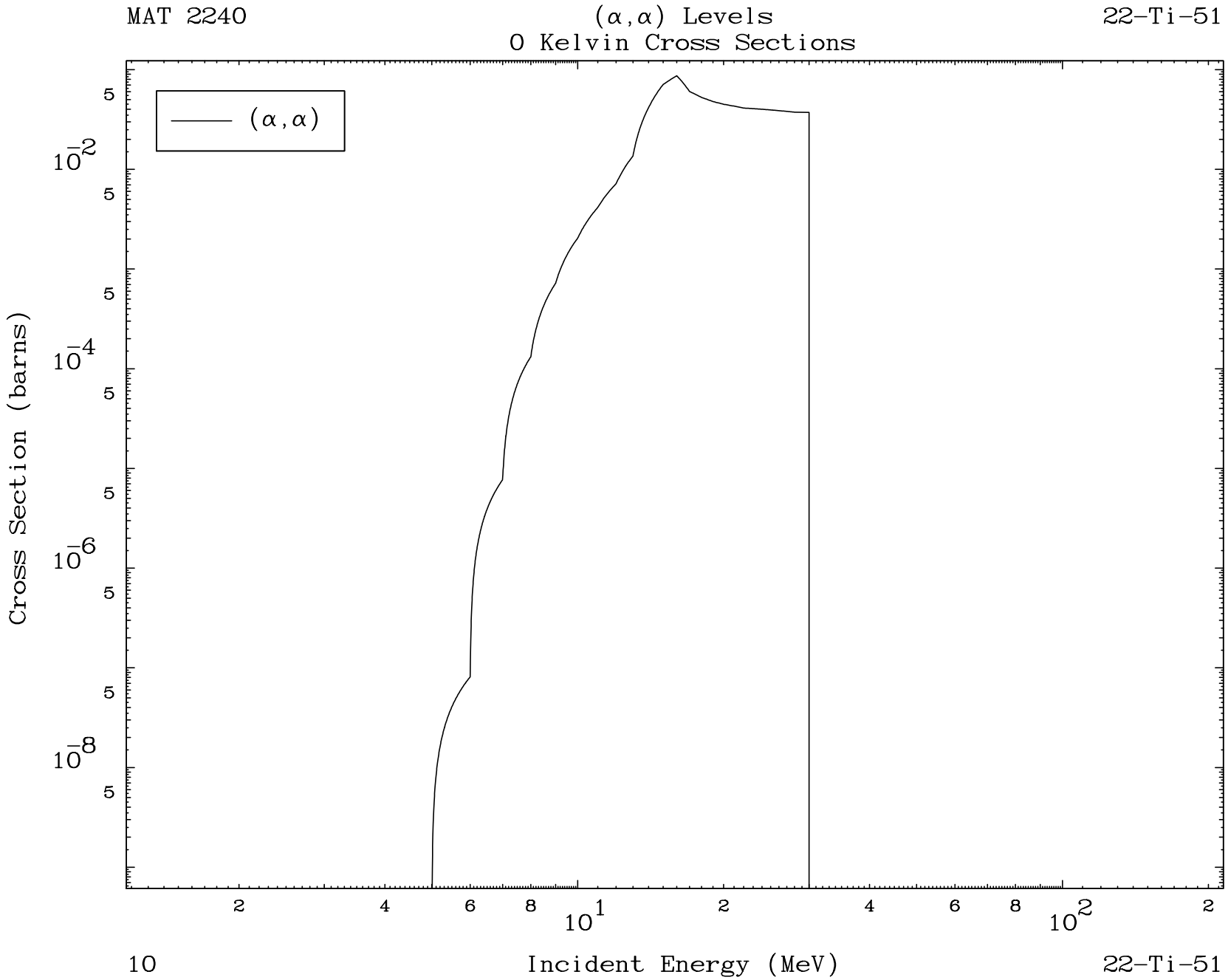

MAT 2240
(α,n') Level
22-Ti-51
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
22-Ti-51

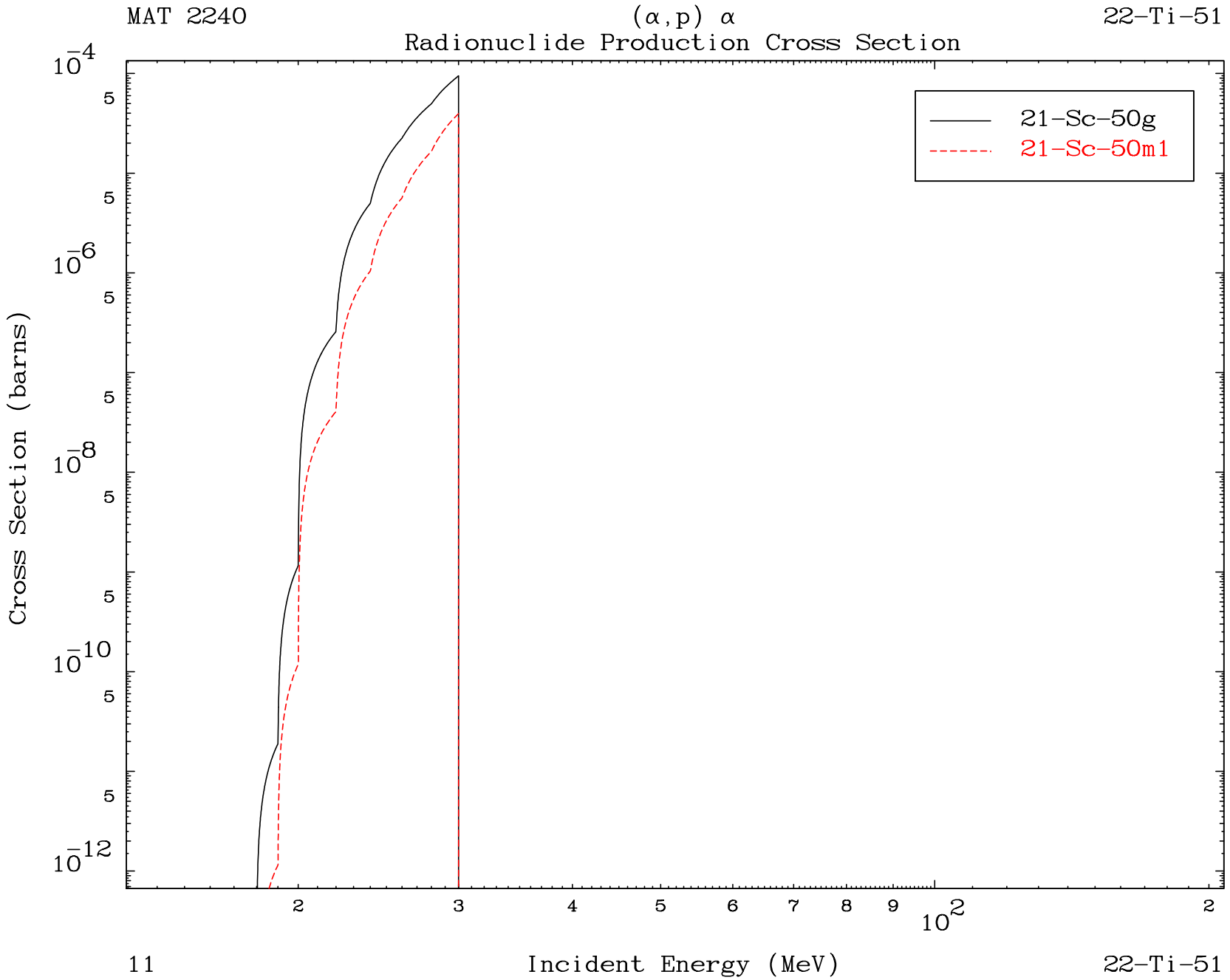

MAT 2240
(α,p) Levels
22-Ti-51
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
22-Ti-51


MAT 2240
(α,d) Levels
0 Kelvin Cross Sections
22-Ti-51
(α,d)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-51
7


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


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


MAT 2240
(α,α) Levels
22-Ti-51
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
4
6
8
10^1
10^2
10
Incident Energy (MeV)
22-Ti-51


MAT 2240
(α,p) α
22-Ti-51
Radionuclide Production Cross Section
21-Sc-50g
21-Sc-50m1
Cross Section (barns)
Incident Energy (MeV)
11
22-Ti-51