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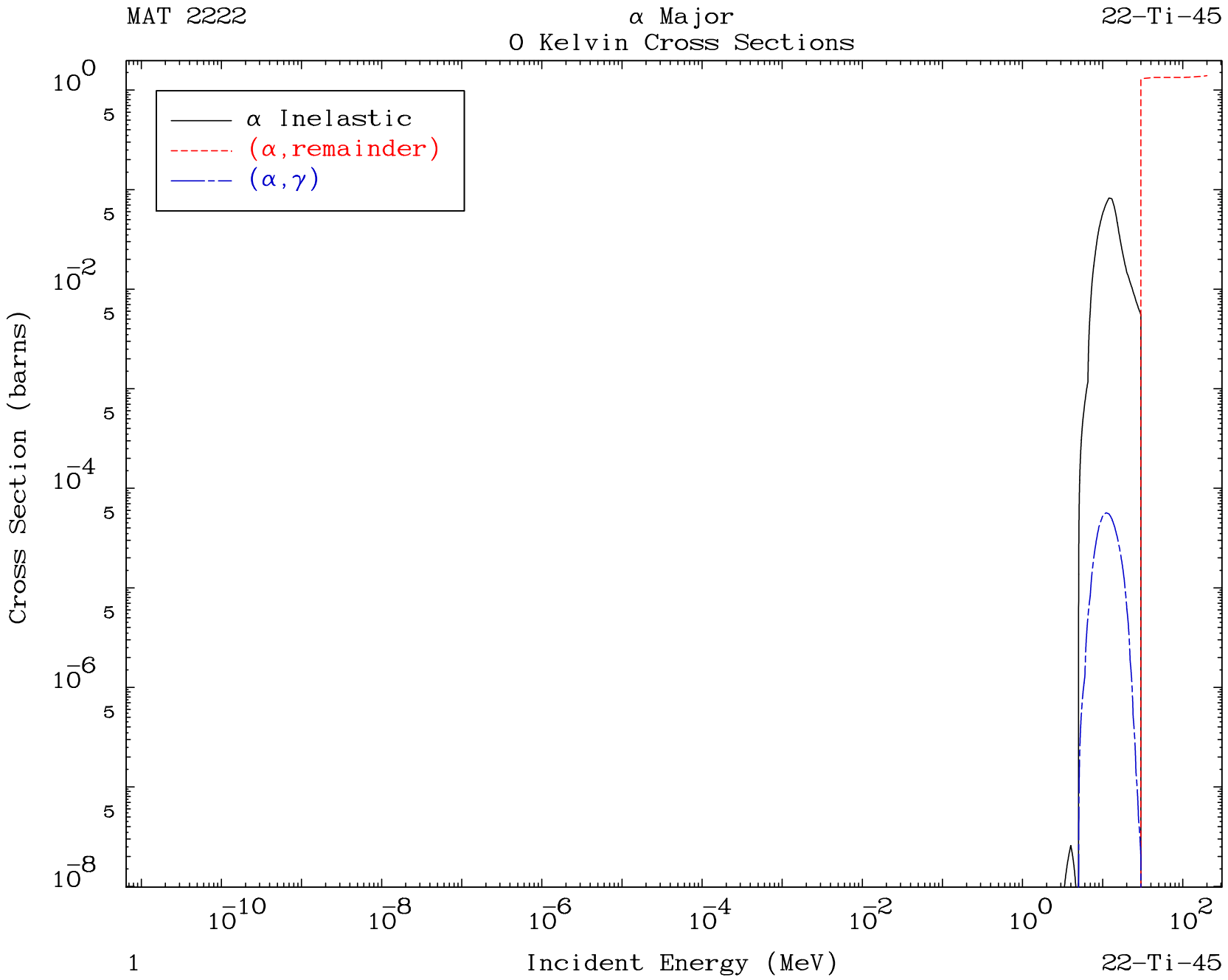
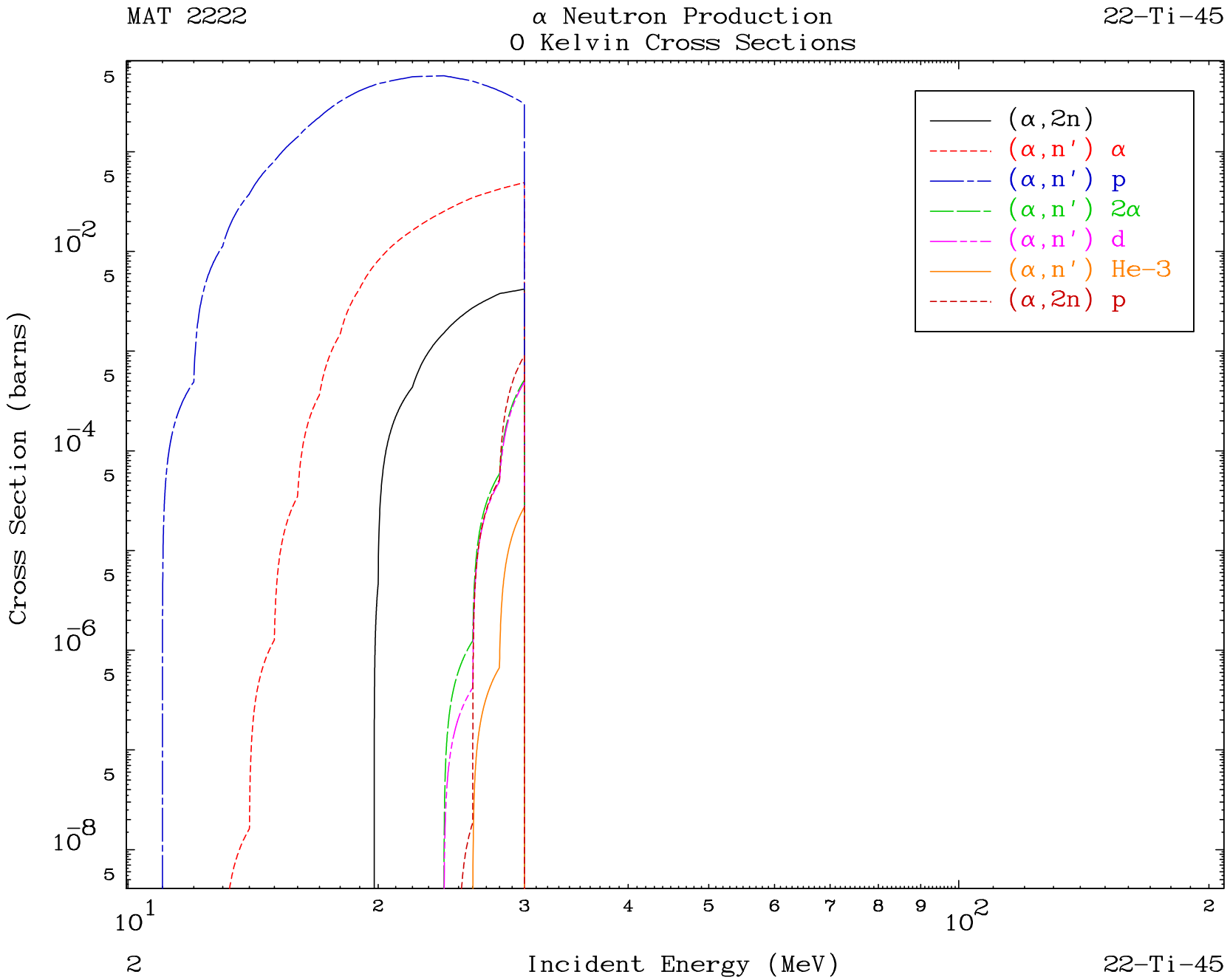
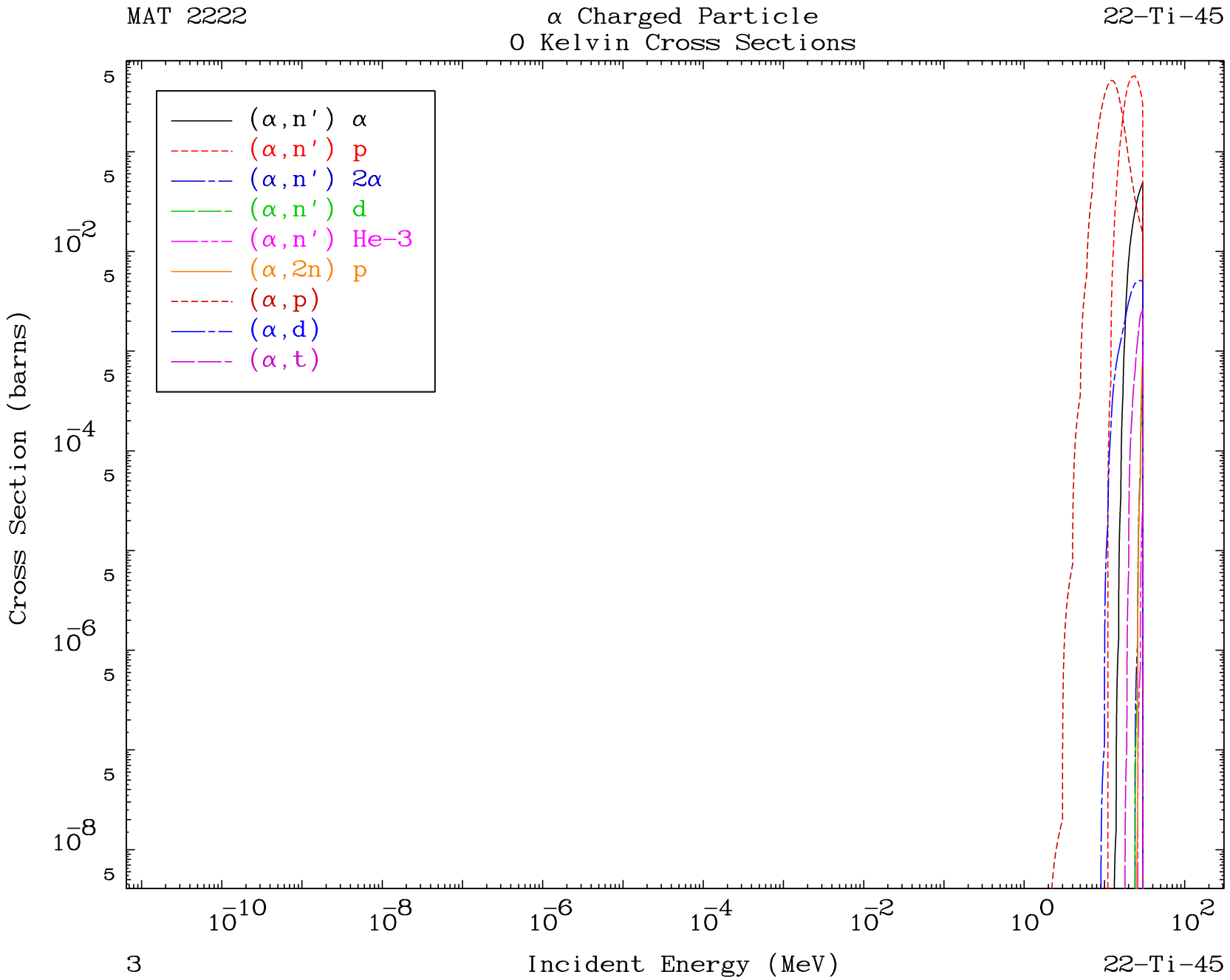
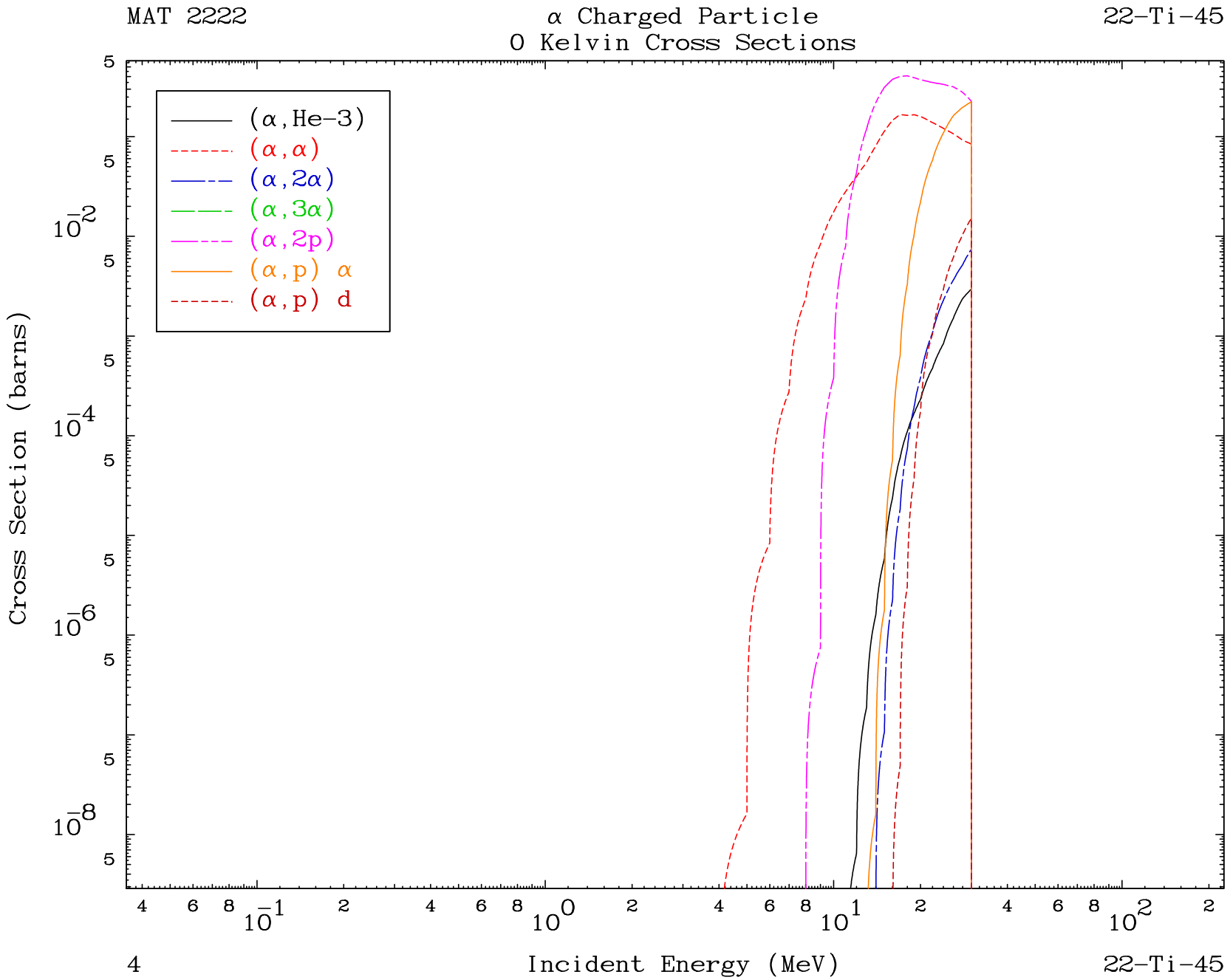
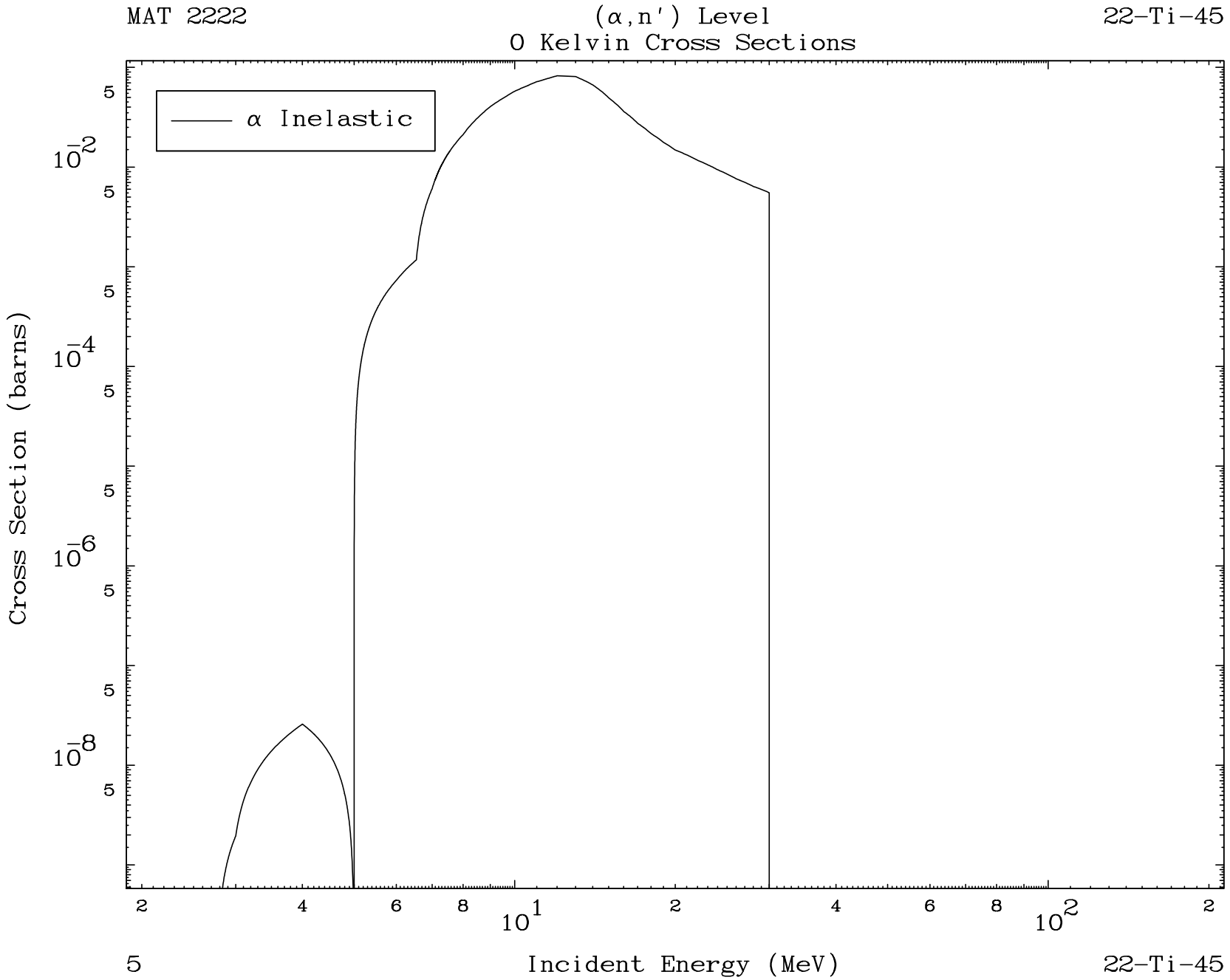
Press Mouse Button to Start

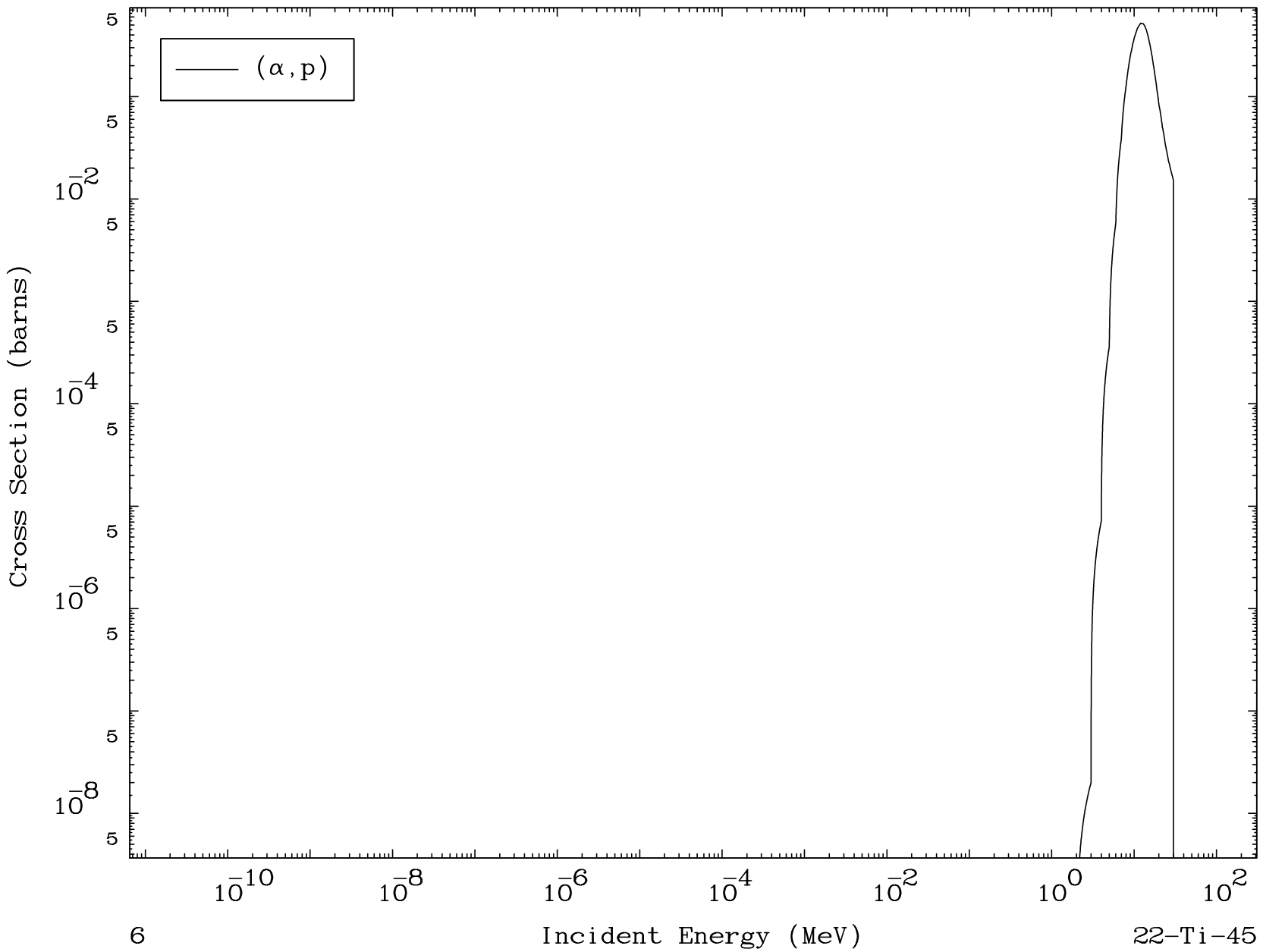

MAT 2222
α Major
22-Ti-45
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-45

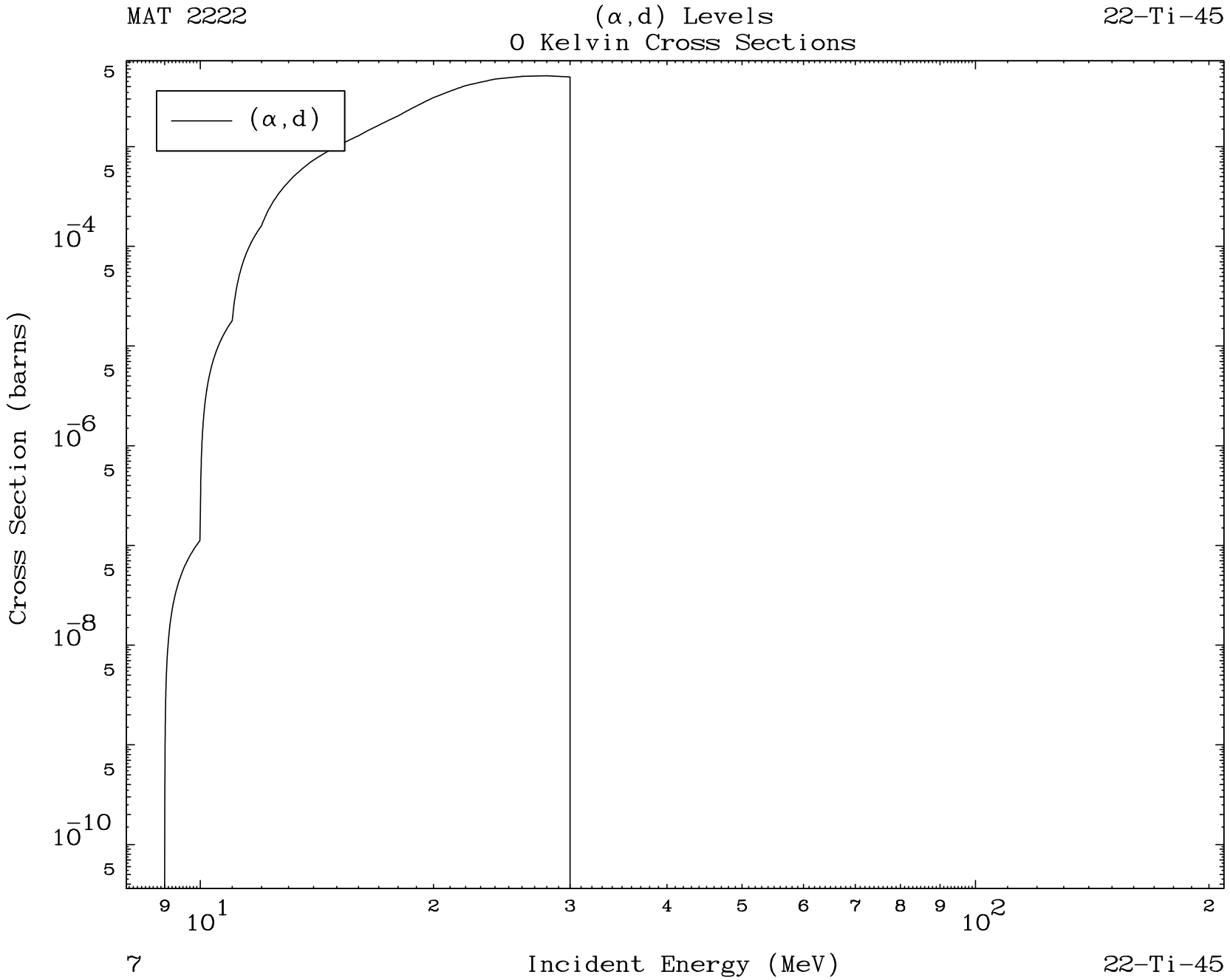

MAT 2222
α Neutron Production
0 Kelvin Cross Sections
22-Ti-45
Cross Section (barns)
Incident Energy (MeV)
22-Ti-45
(α,2n)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p


MAT 2222
α Charged Particle
0 Kelvin Cross Sections
22-Ti-45
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
22-Ti-45

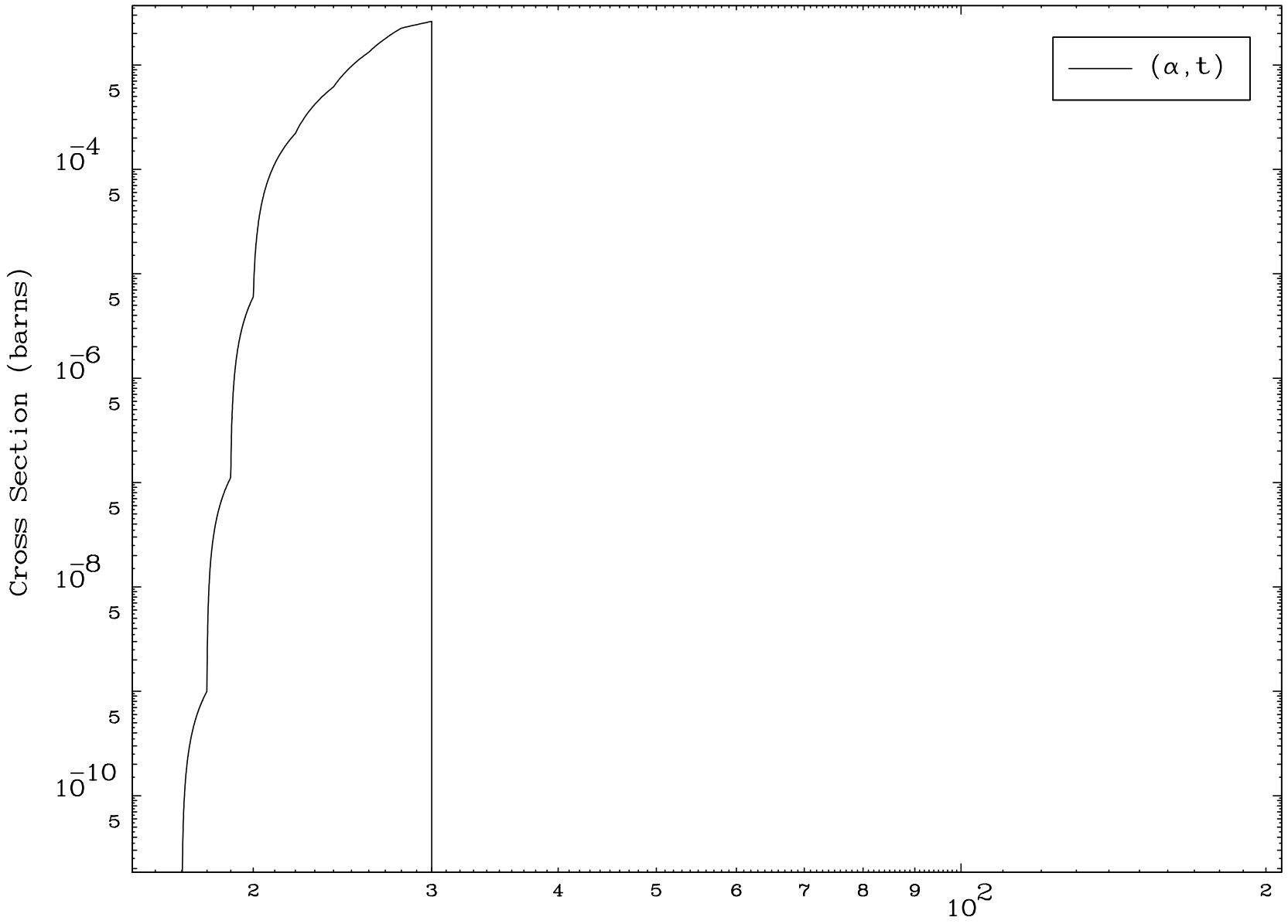

MAT 2222
α Charged Particle
0 Kelvin Cross Sections
22-Ti-45
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
22-Ti-45
4

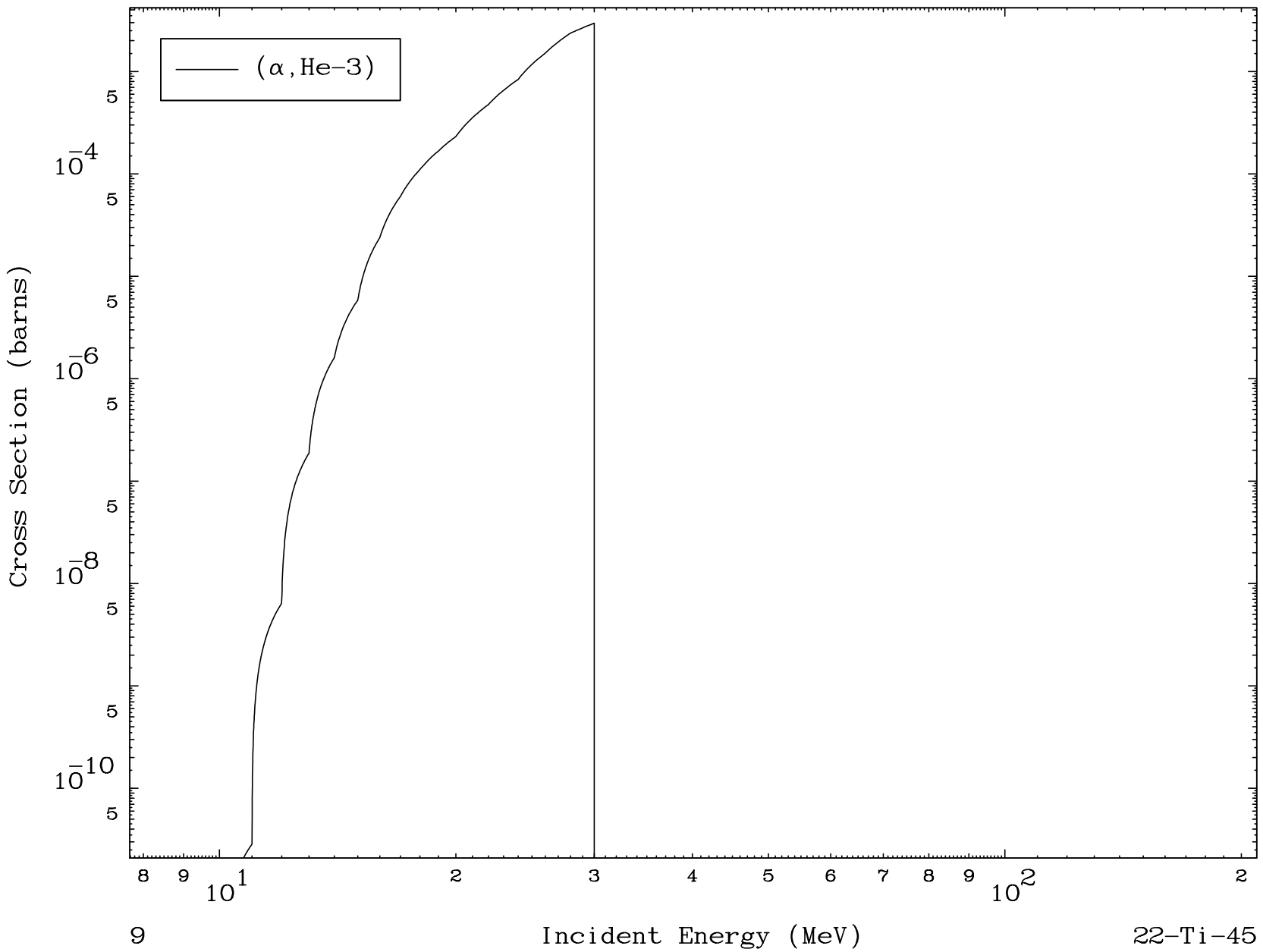

MAT 2222
(α,n') Level
22-Ti-45
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
10 1
2
4
6
8
10 2
2
5
Incident Energy (MeV)
22-Ti-45

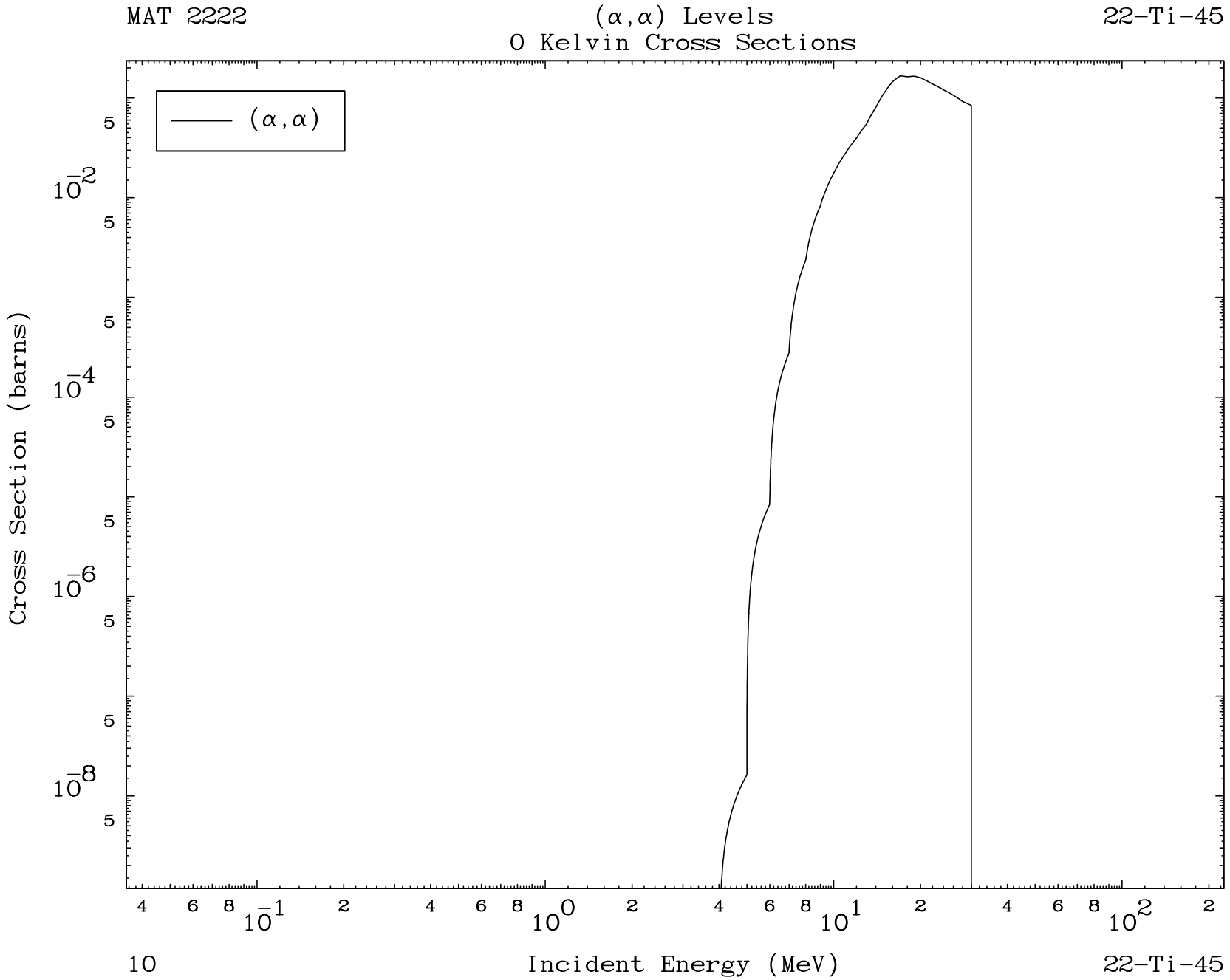

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2

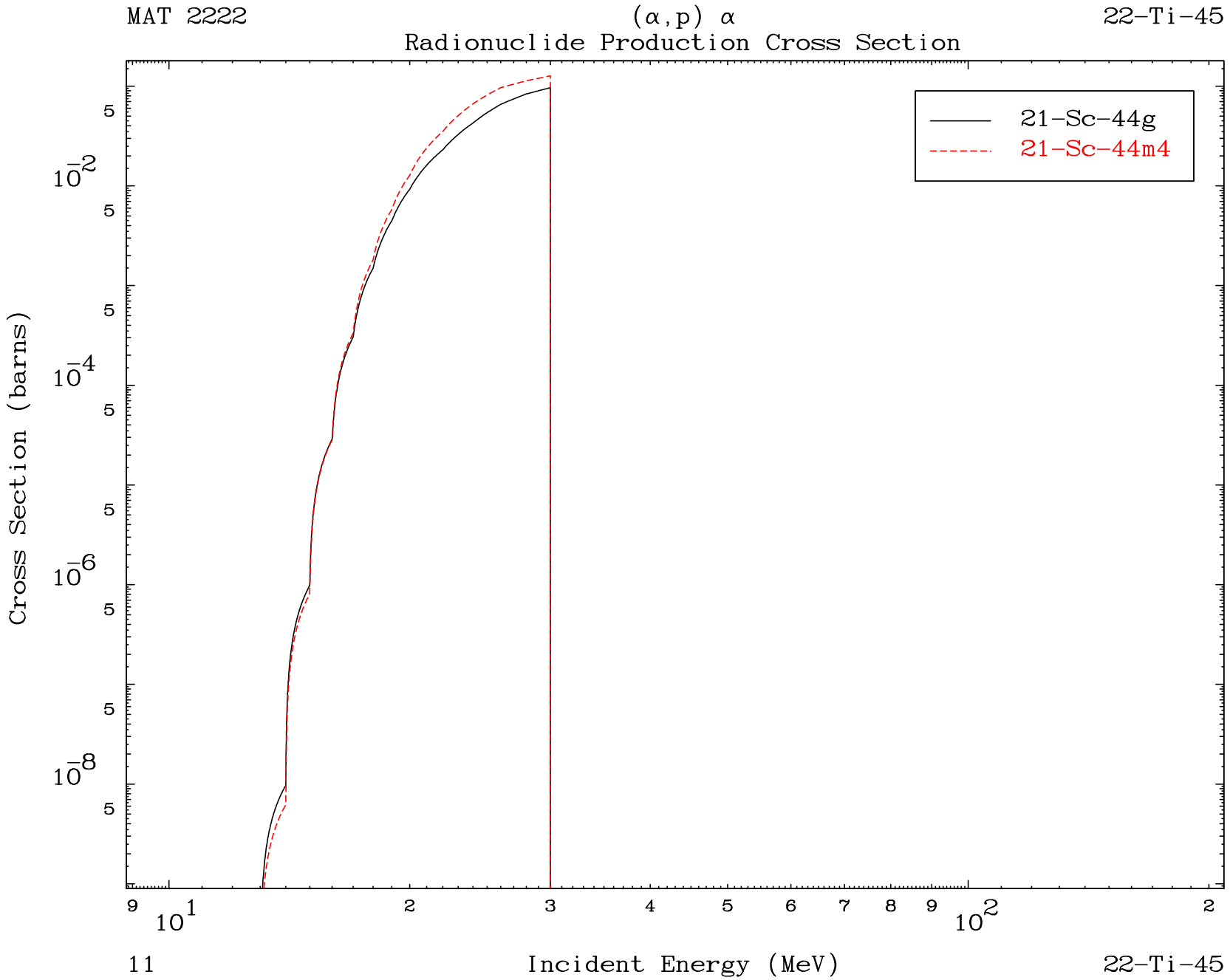

MAT 2222
(α,d) Levels
22-Ti-45
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-45
7

0 Kelvin Cross Sections




0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)


MAT 2222
(α,α) Levels
22-Ti-45
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-45


MAT 2222
(α,p) α
22-Ti-45
Radionuclide Production Cross Section
21-Sc-44g
21-Sc-44m4
Cross Section (barns)
Incident Energy (MeV)
11
22-Ti-45