Program EVALPLOT
(Version 2021-1)
by
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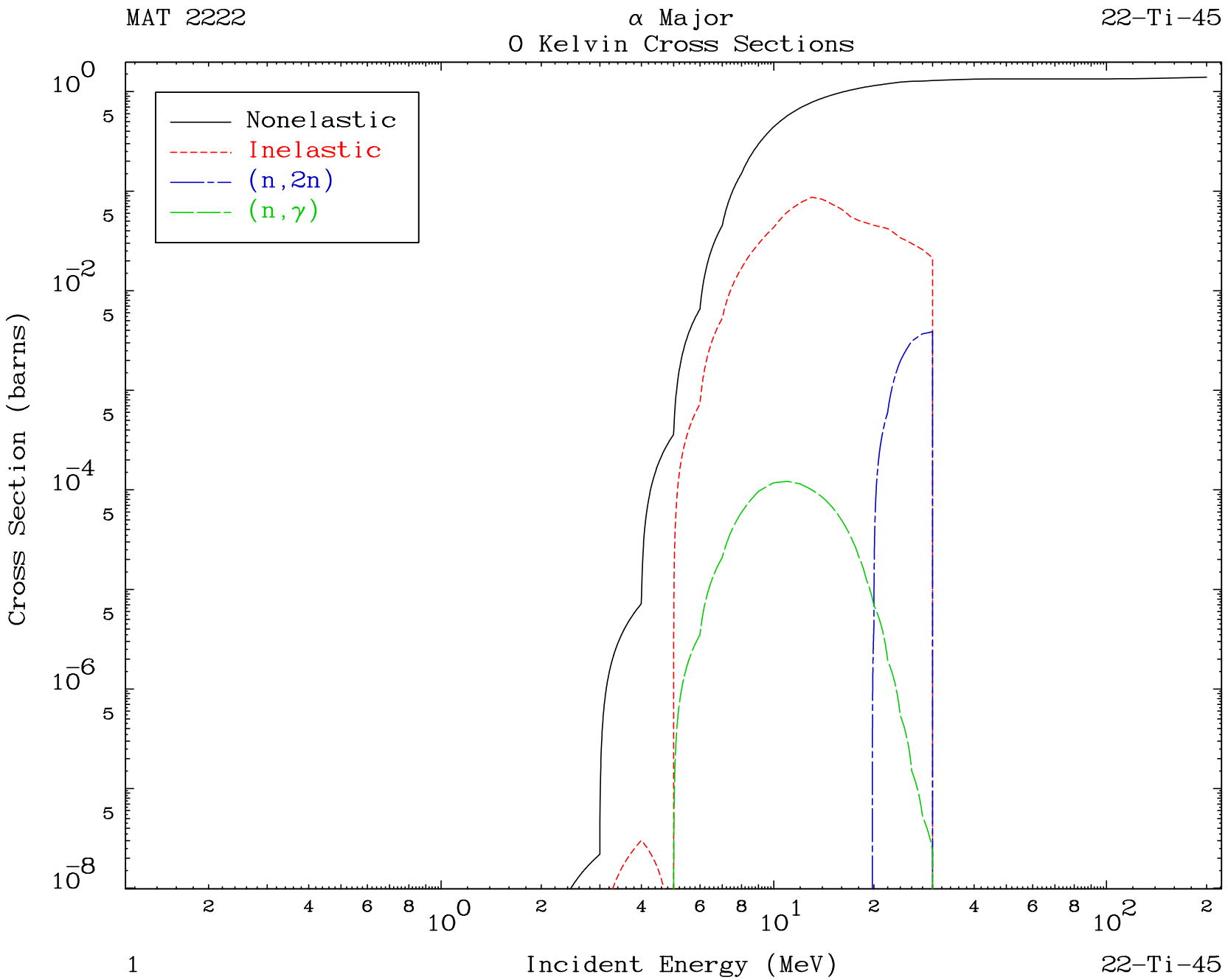
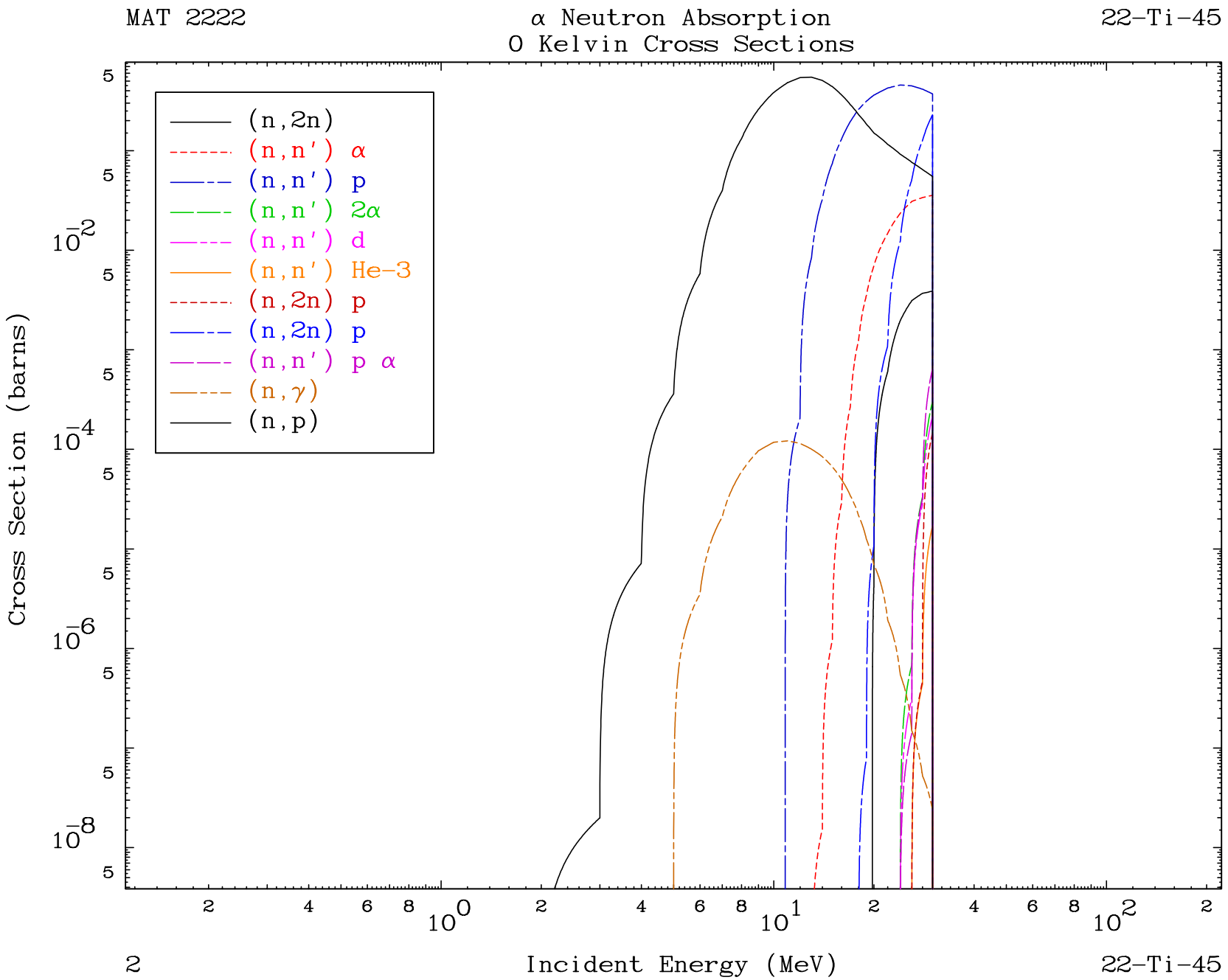
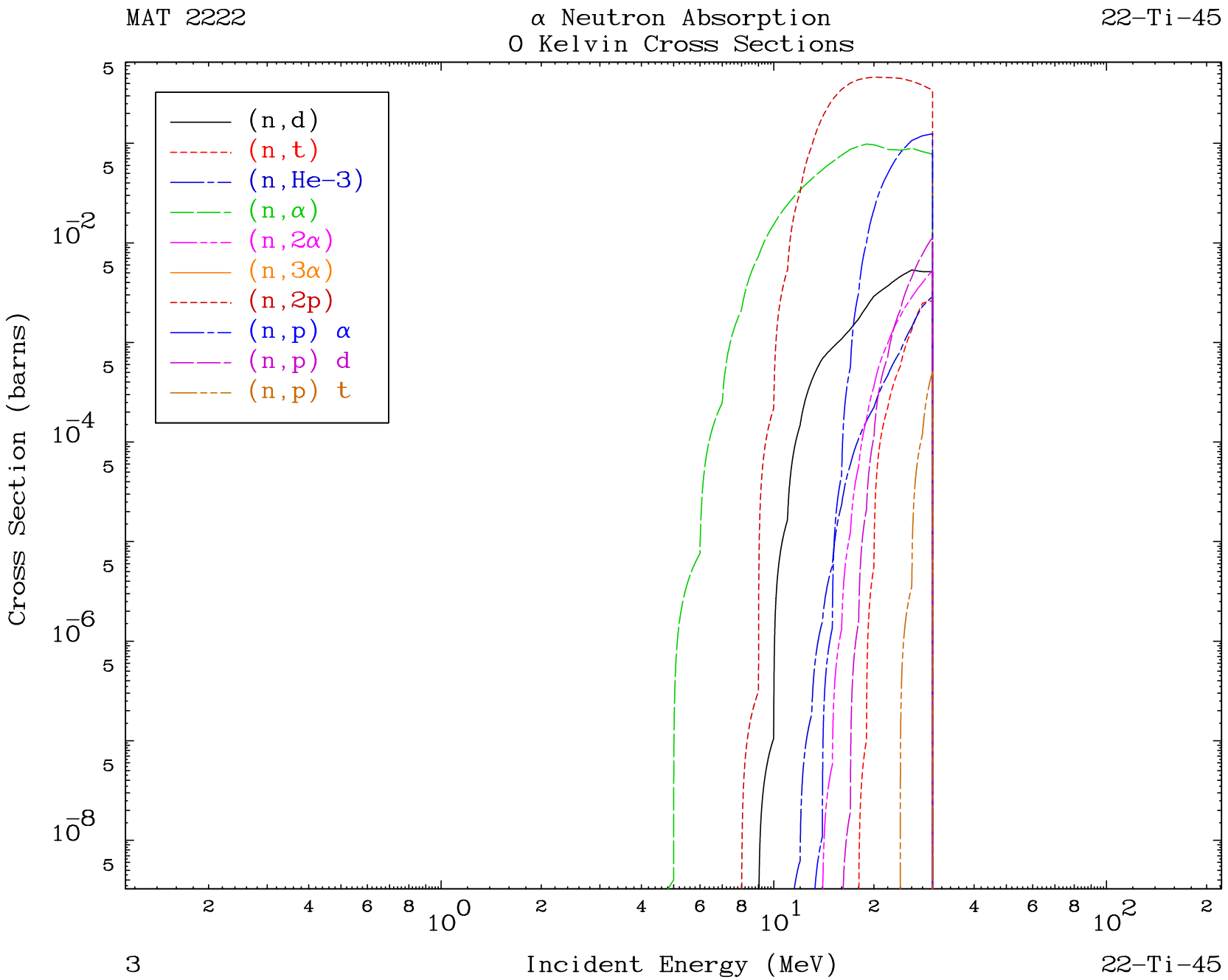
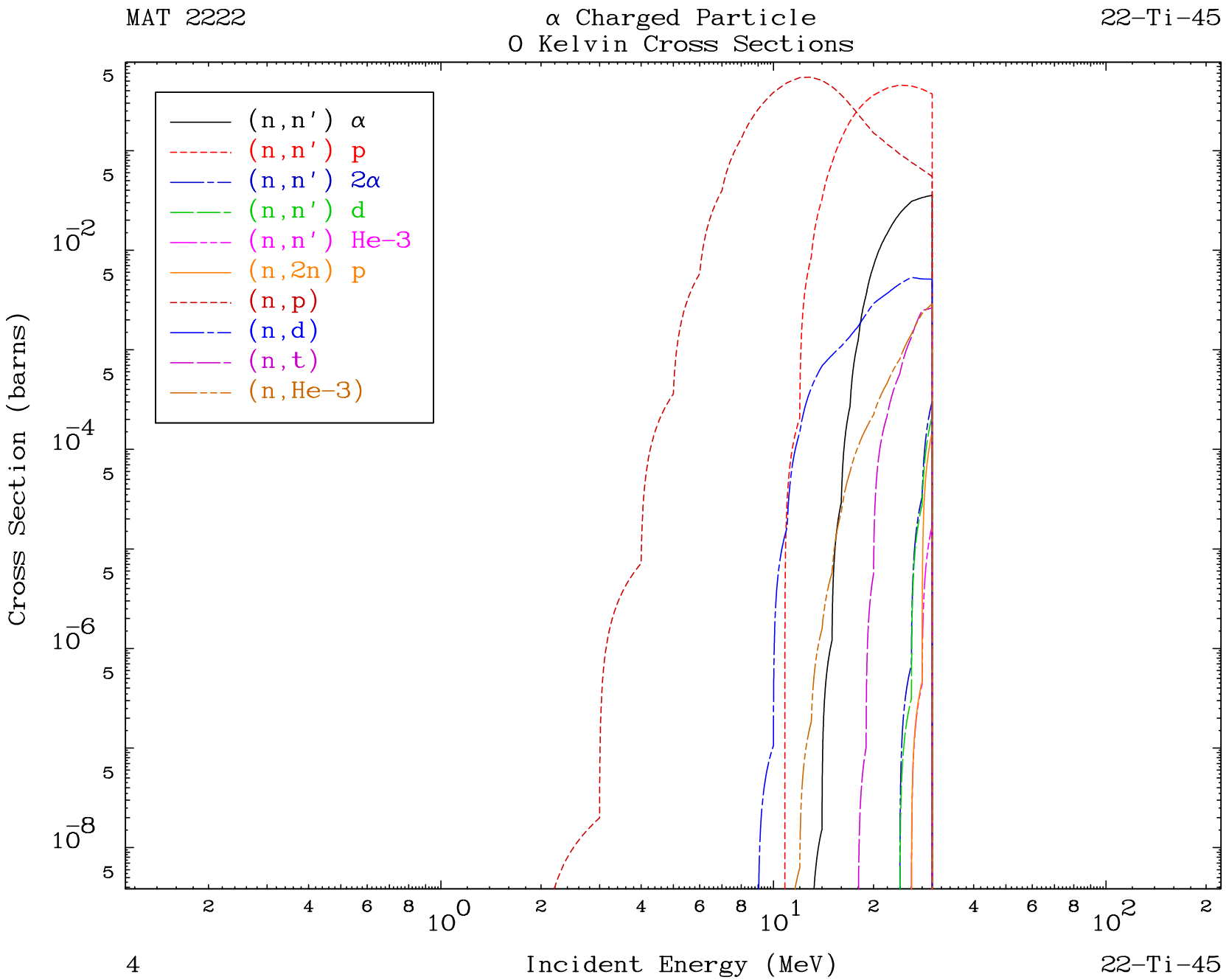
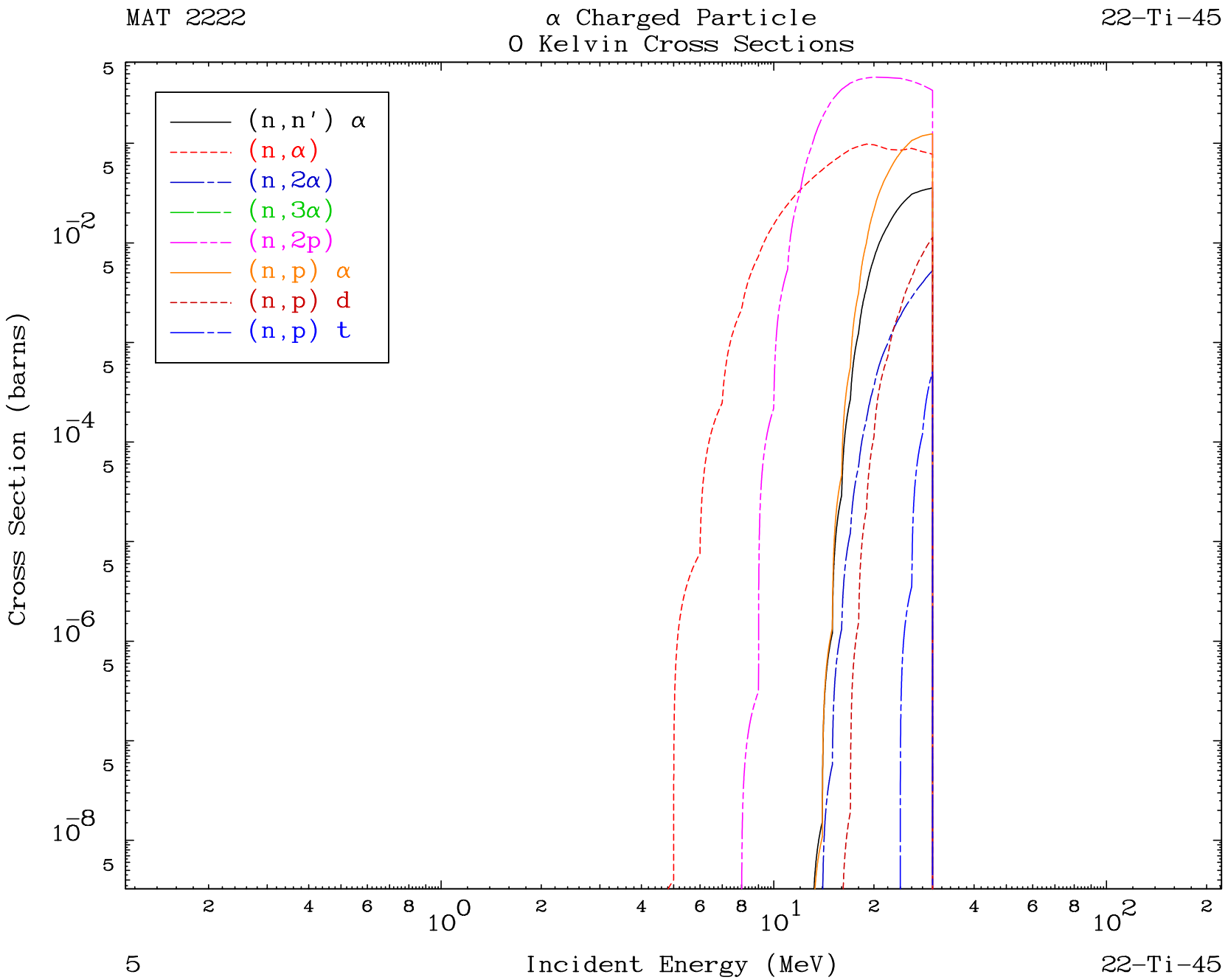
Press Mouse Button to Start

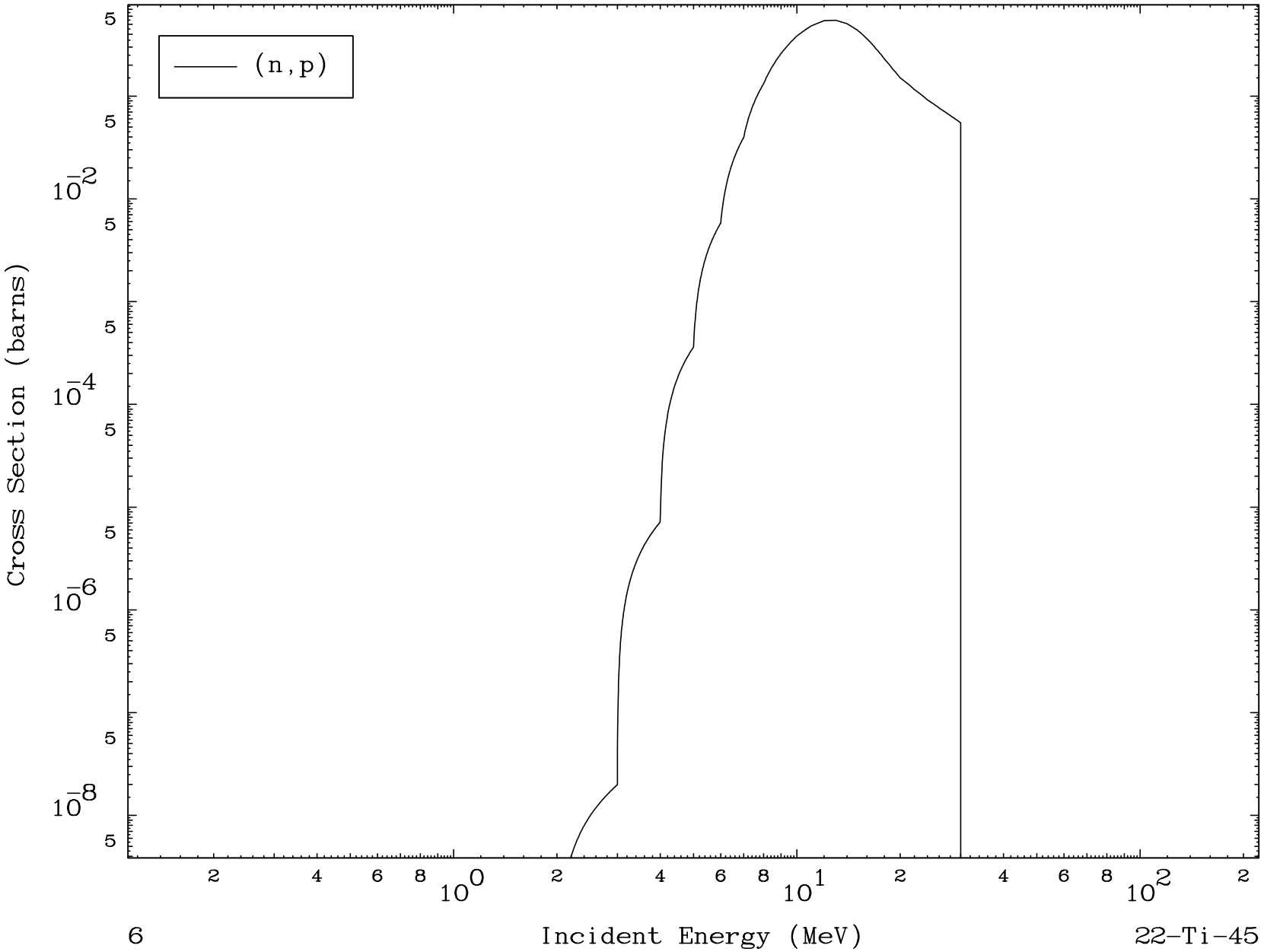

MAT 2222
α Major
22-Ti-45
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-45

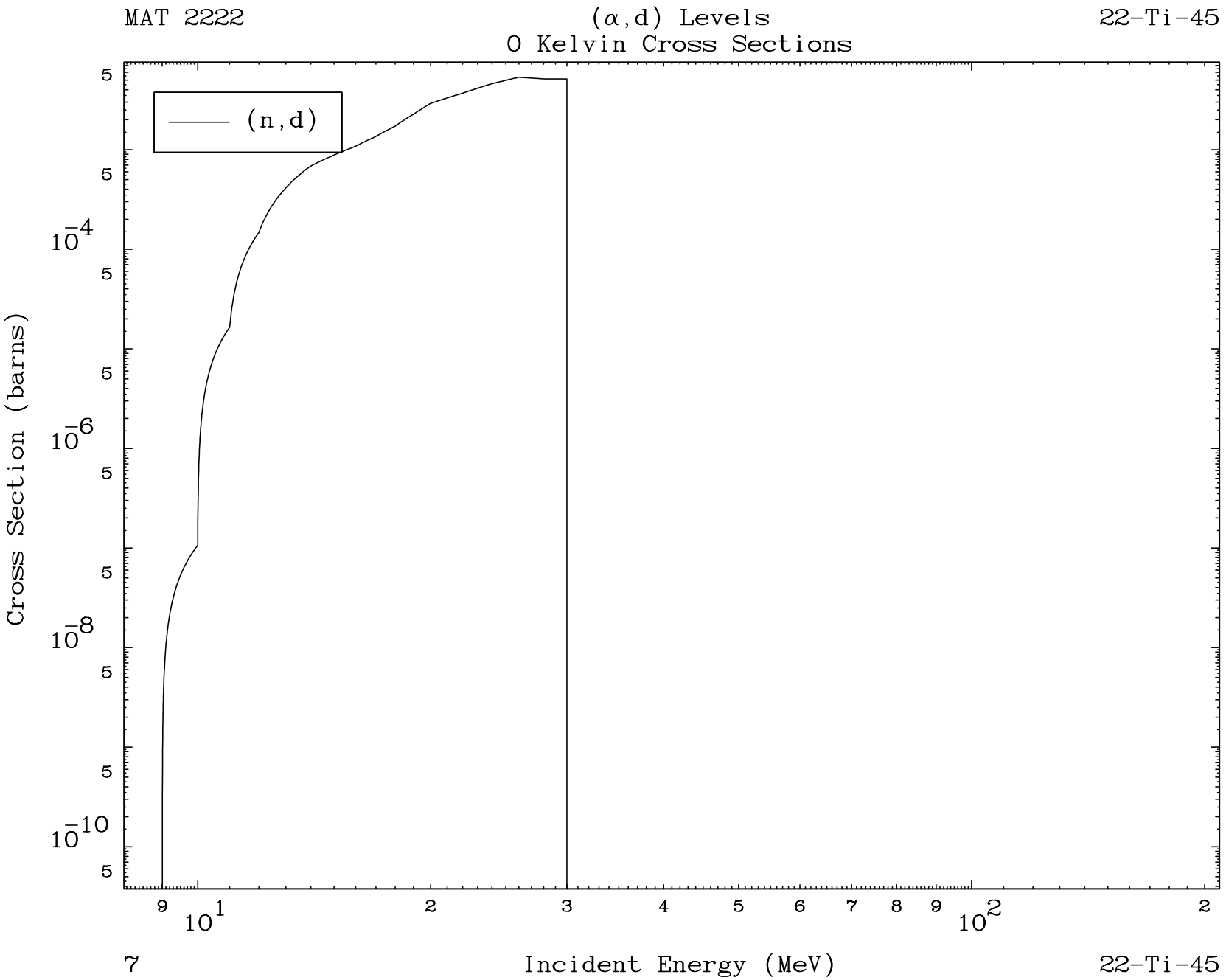

MAT 2222
α Neutron Absorption
0 Kelvin Cross Sections
22-Ti-45
(n,2n)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
22-Ti-45


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

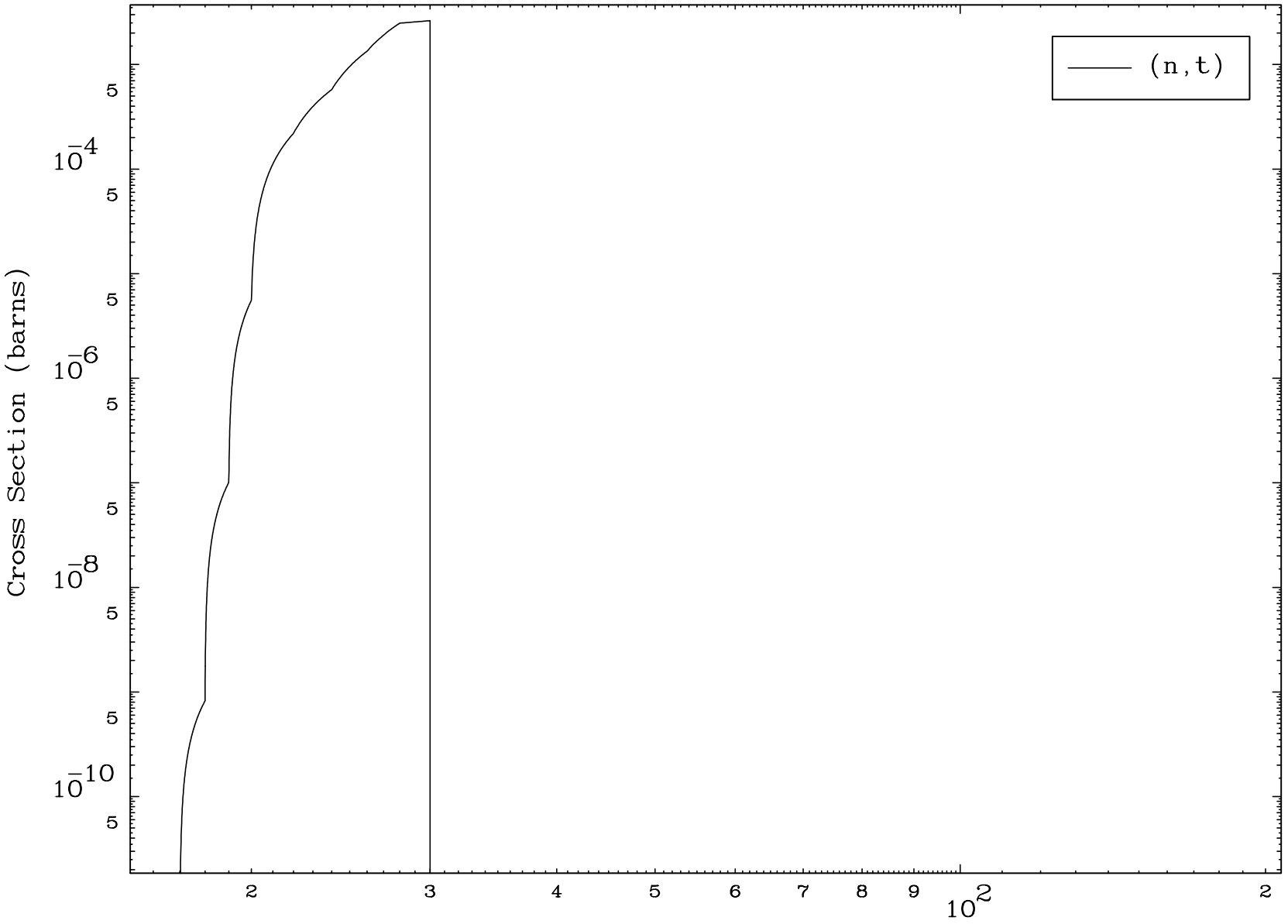

MAT 2222
α Charged Particle
0 Kelvin Cross Sections
22-Ti-45
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
22-Ti-45


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

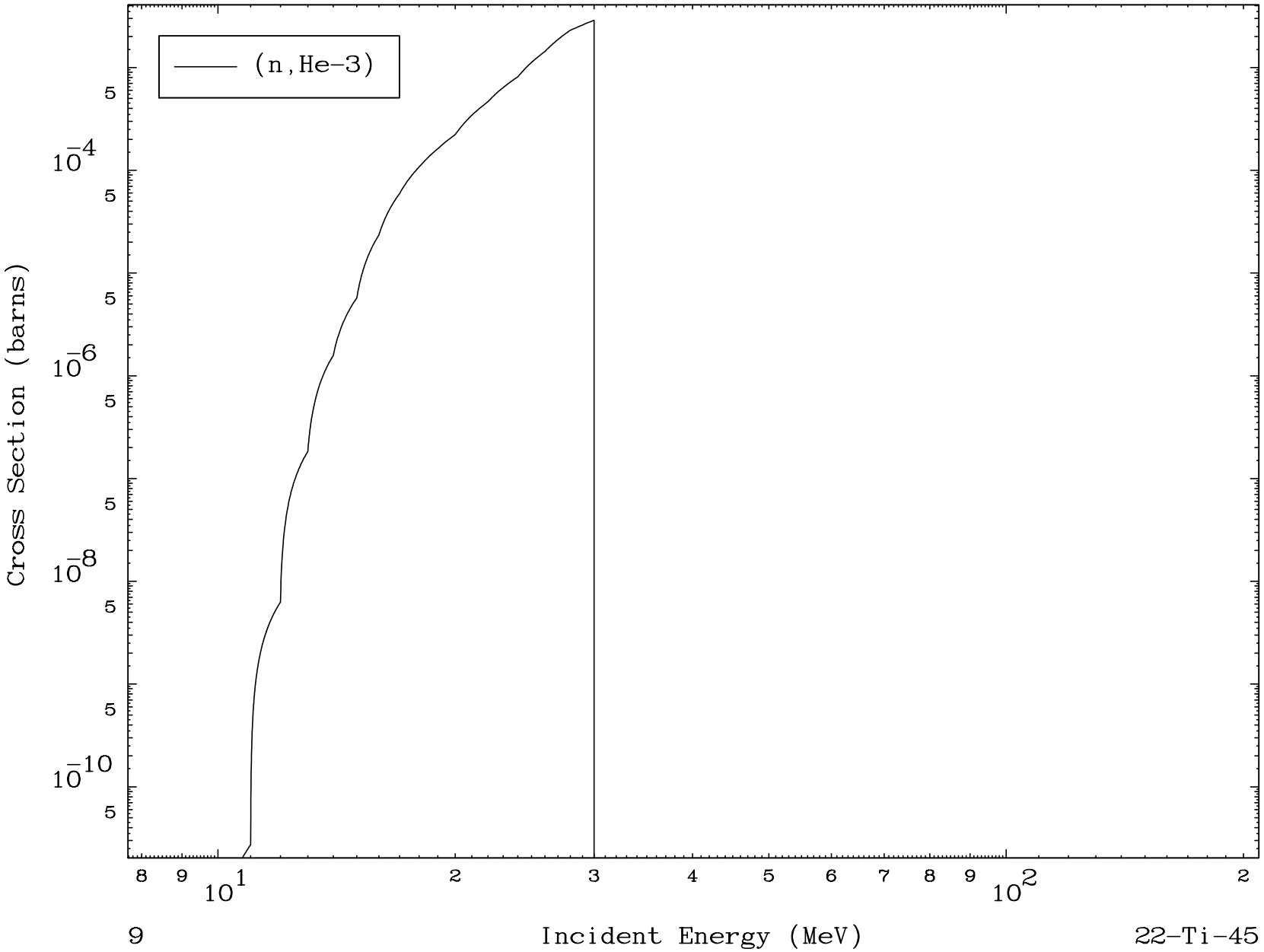

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)

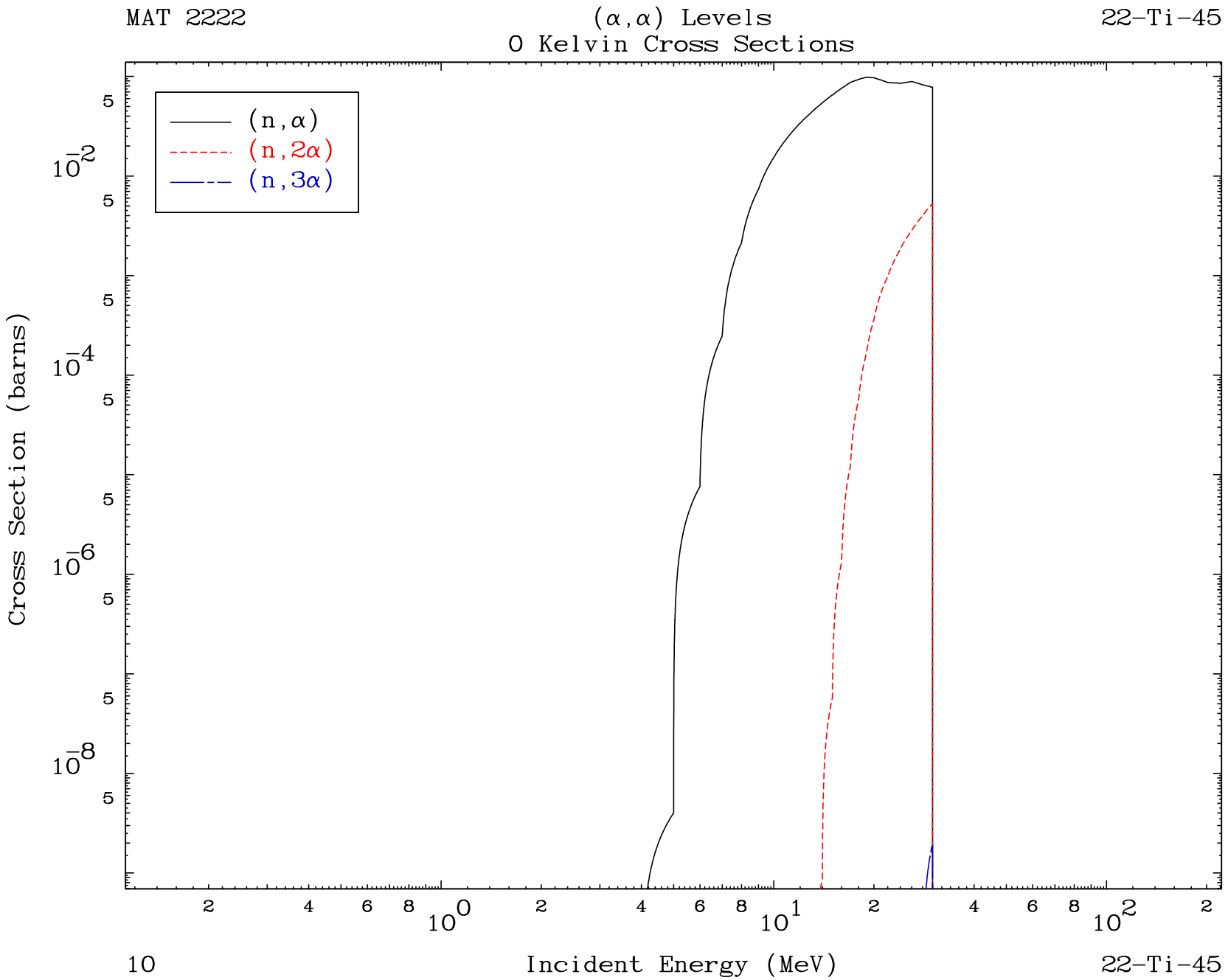

MAT 2222
(α,d) Levels
22-Ti-45
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
7
22-Ti-45

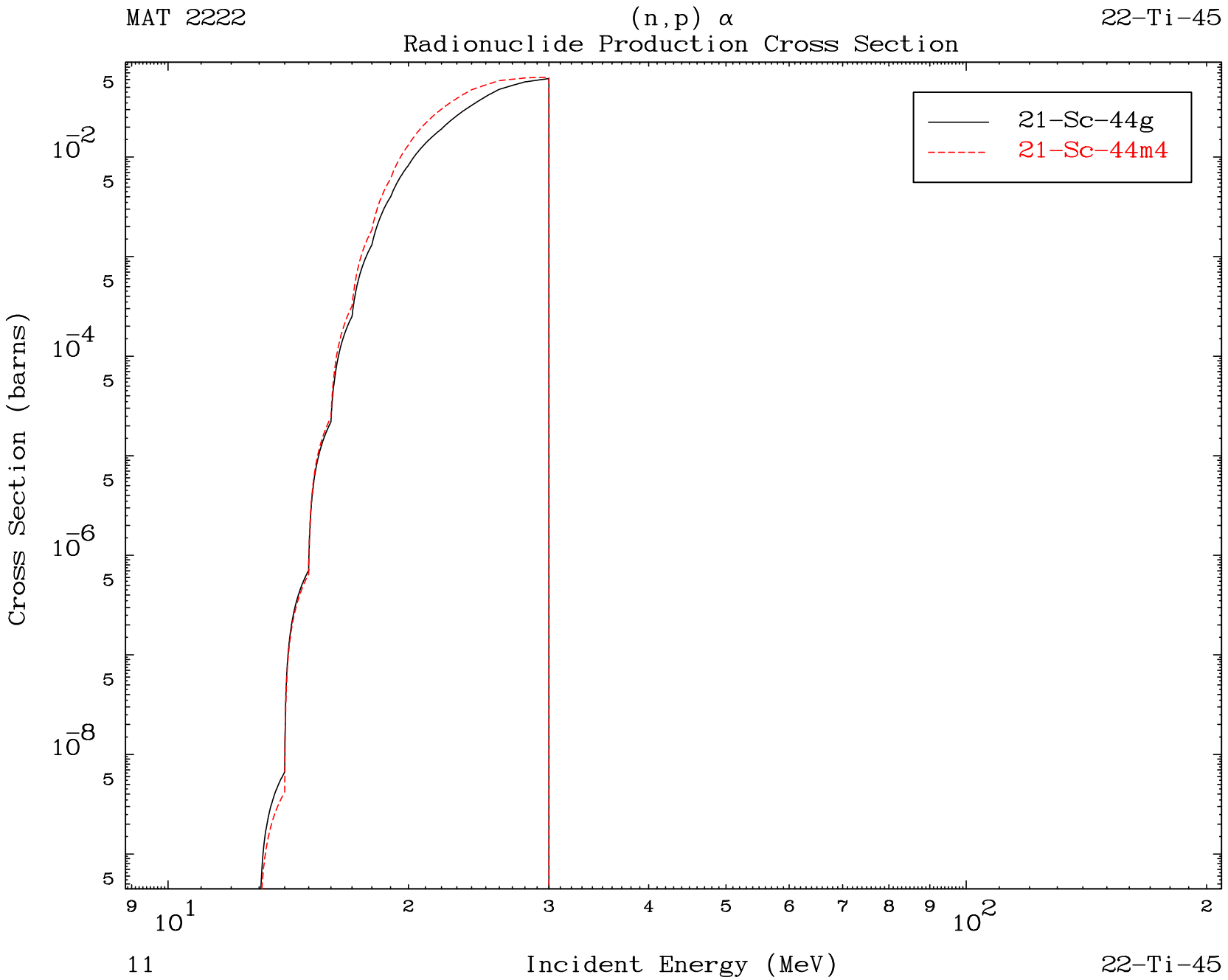
0 Kelvin Cross Sections



0 Kelvin Cross Sections




MAT 2222
(α,α) Levels
22-Ti-45
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
22-Ti-45


MAT 2222
(n,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