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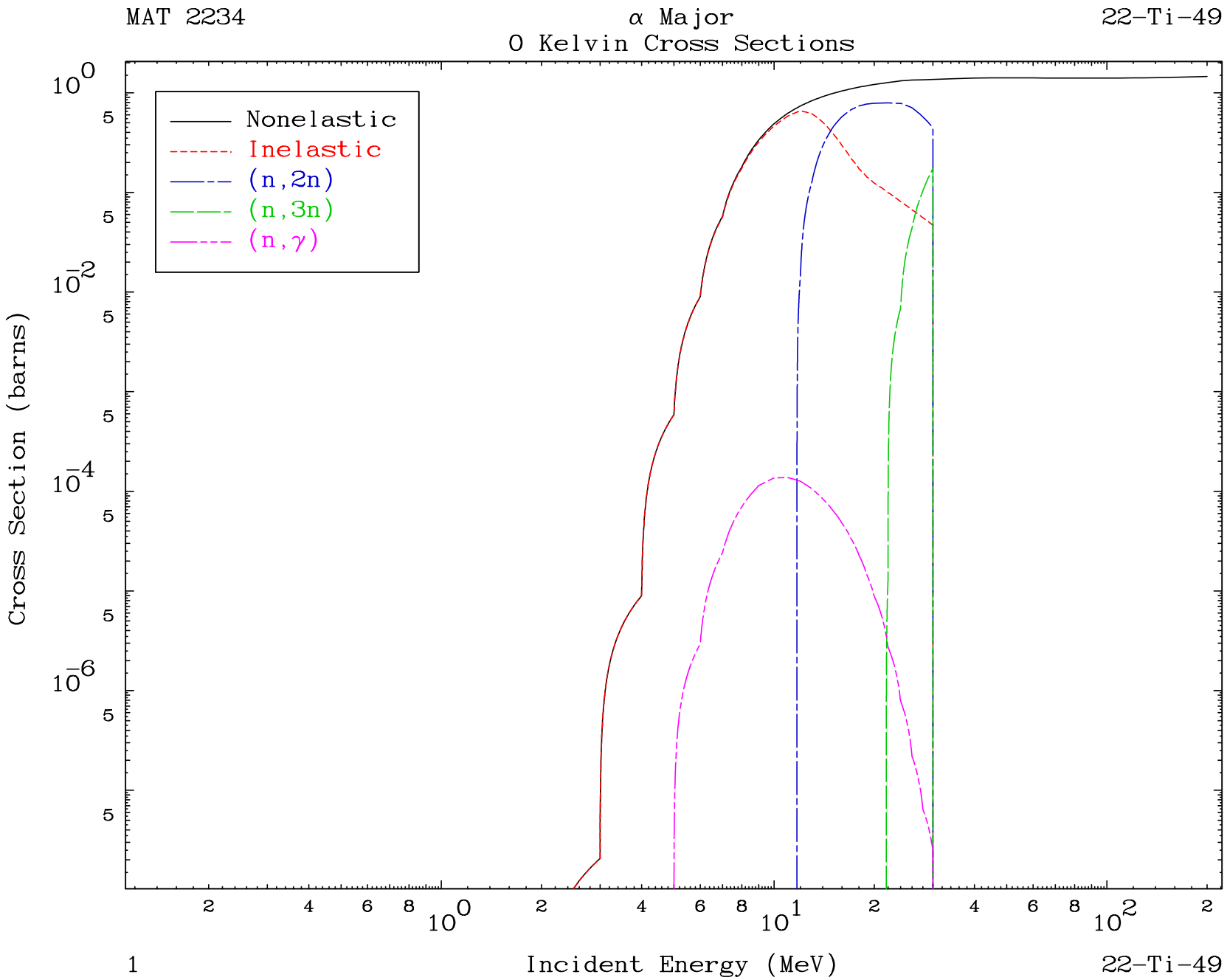
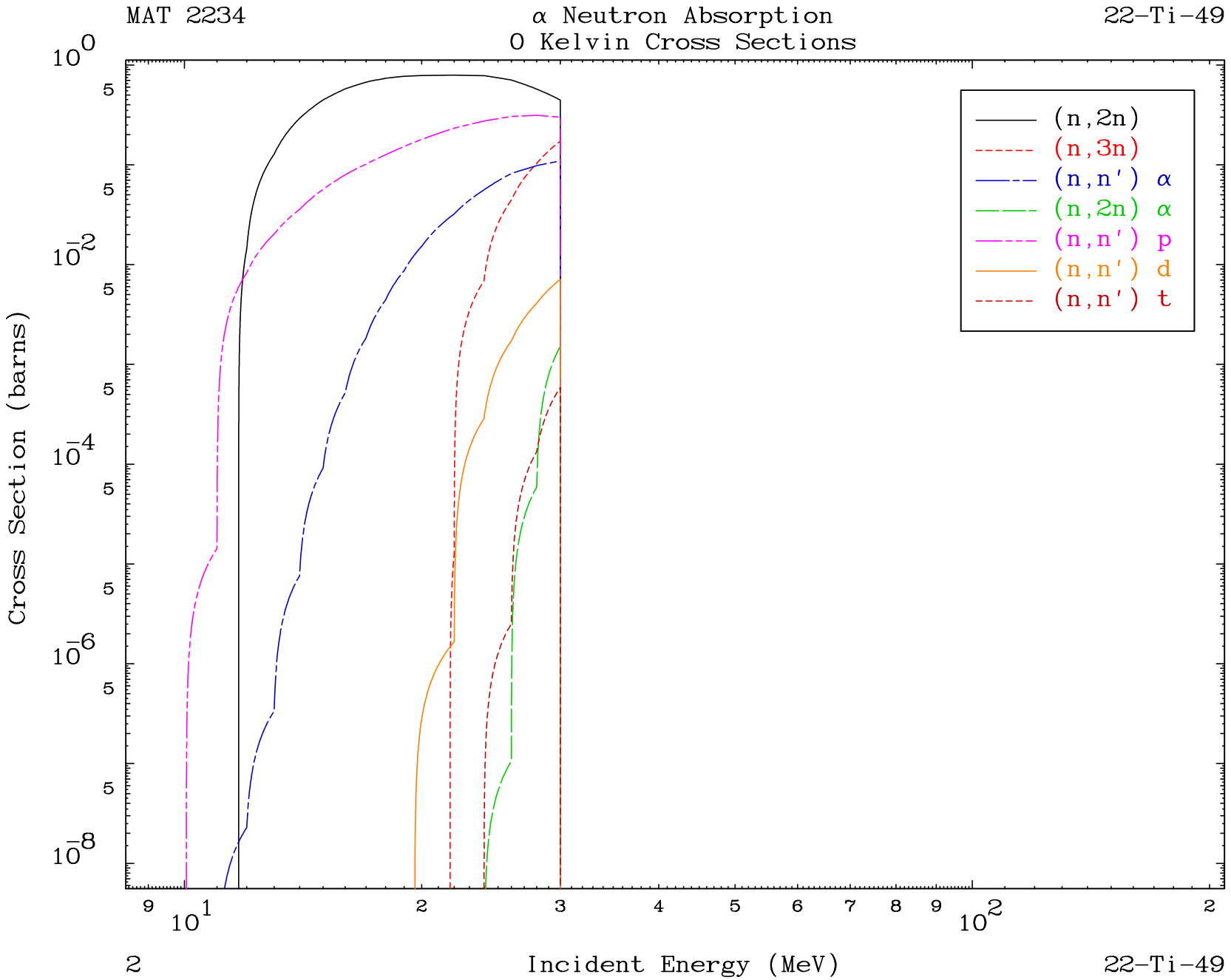
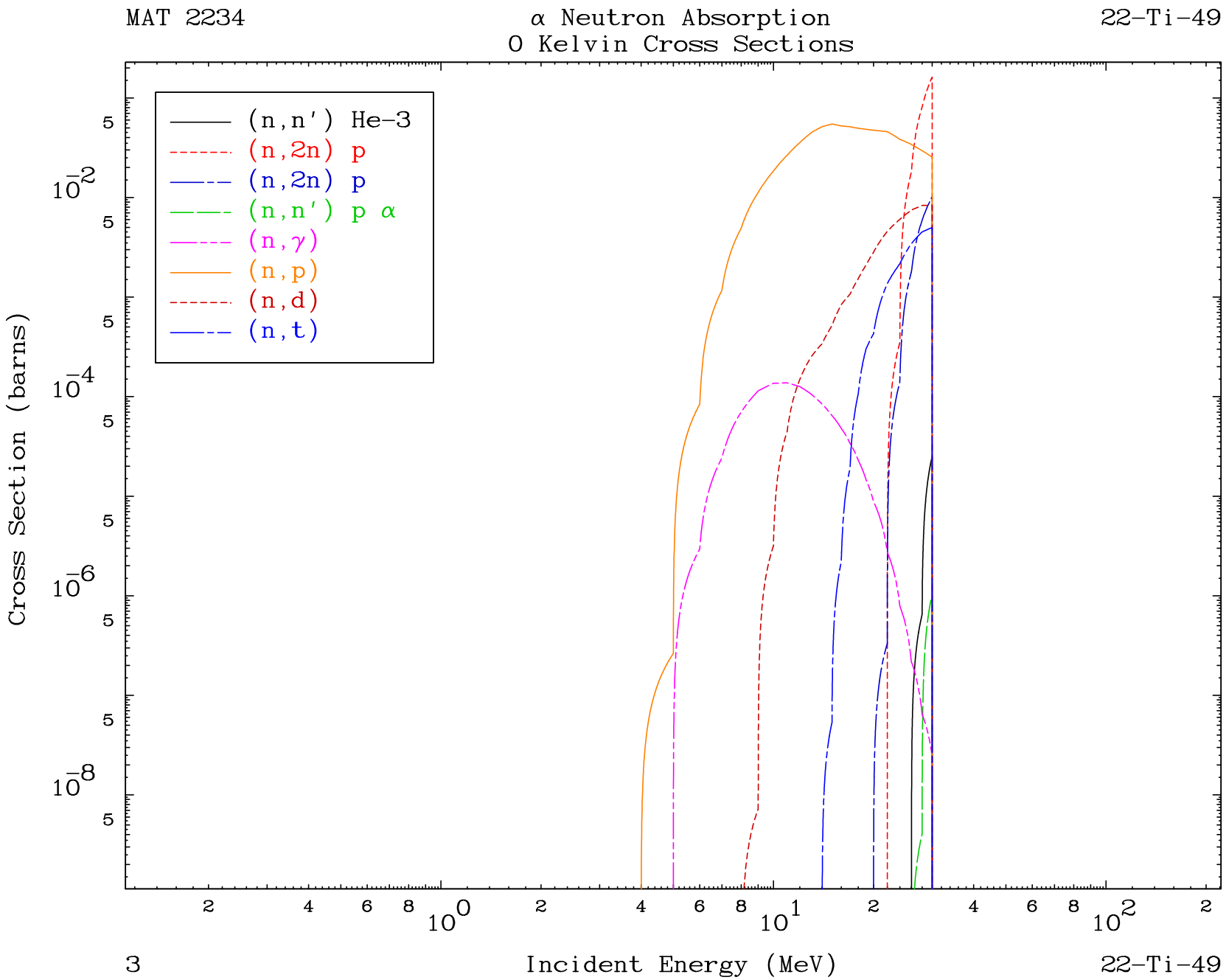
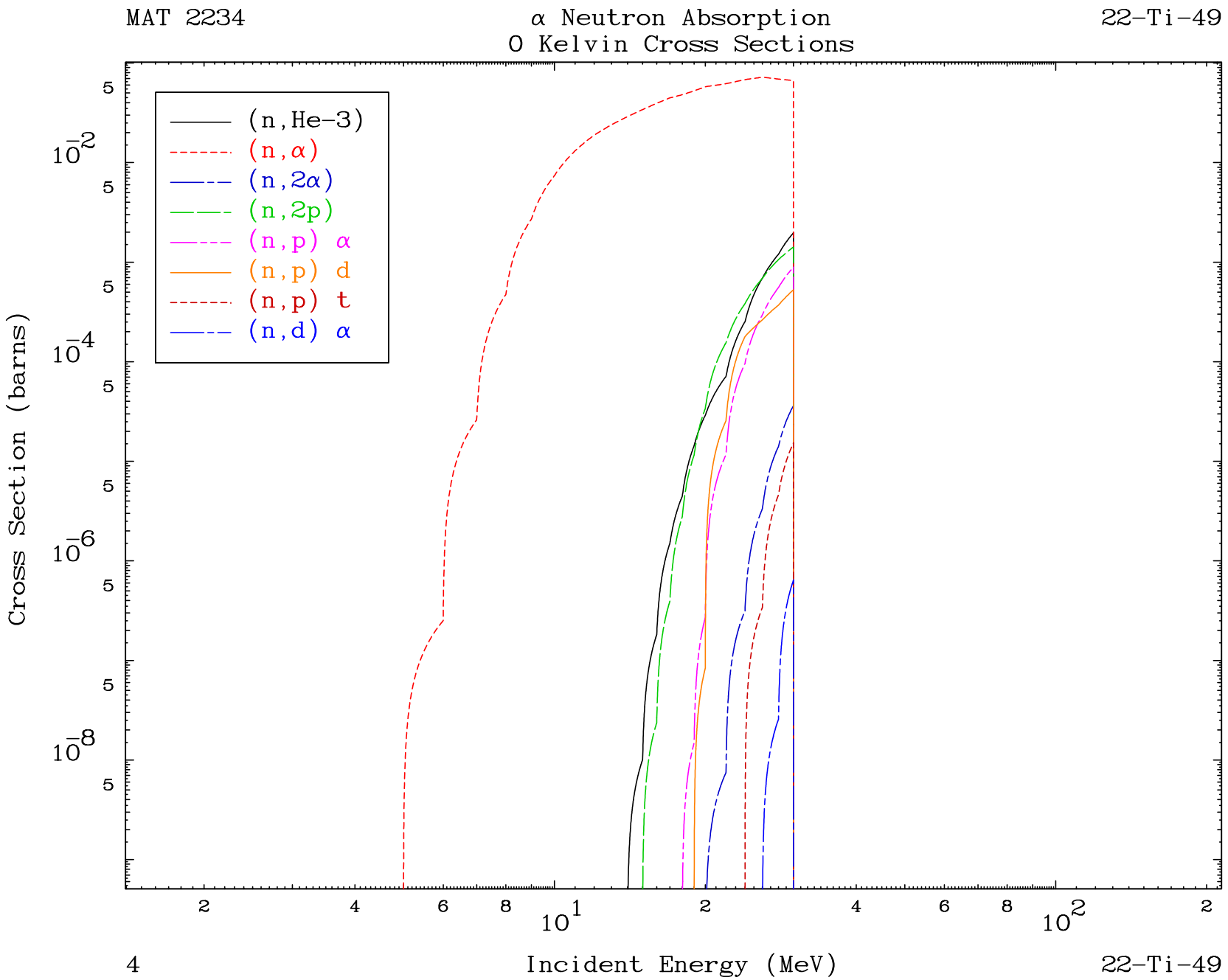
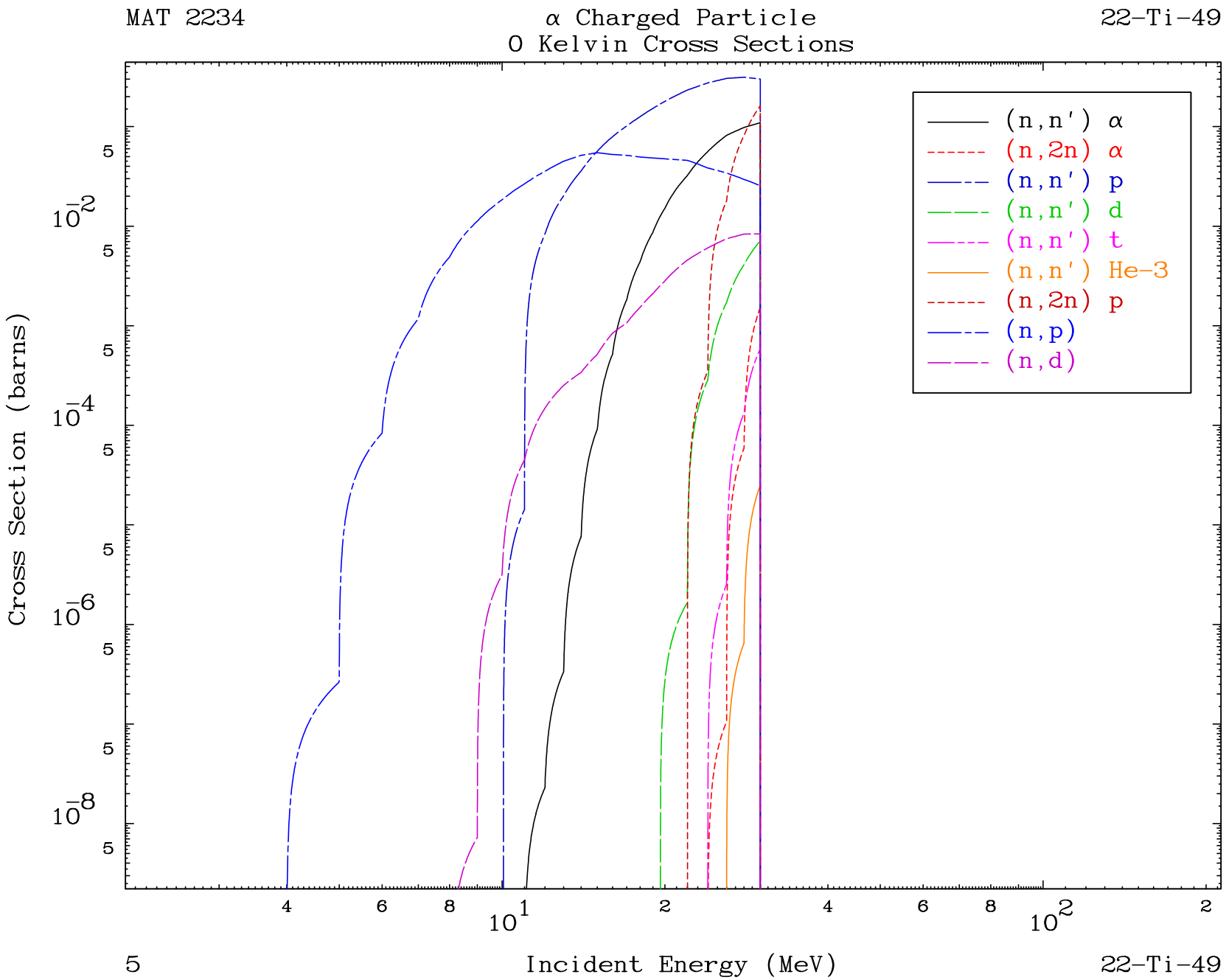
Press Mouse Button to Start

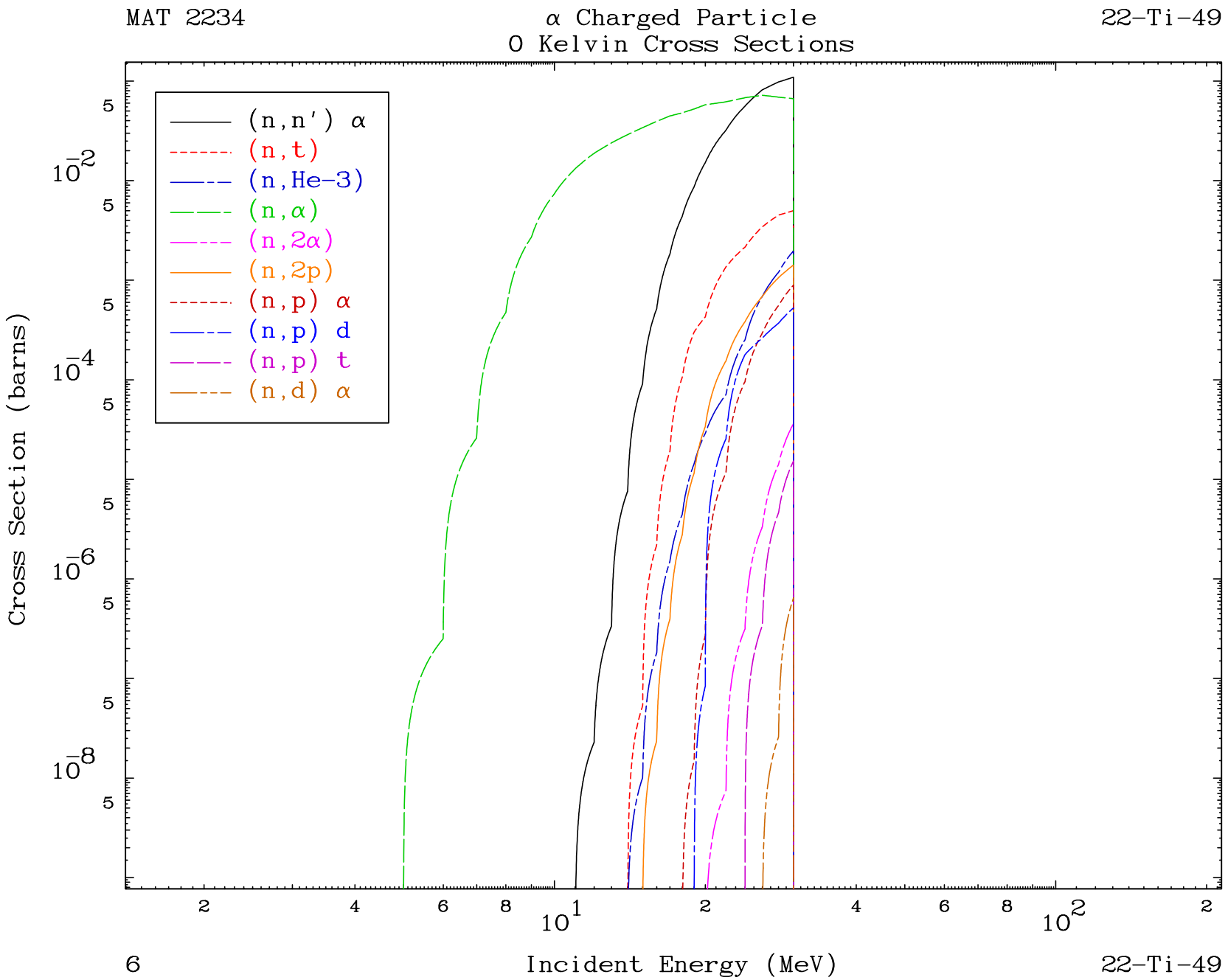

MAT 2234
α Major
22-Ti-49
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
22-Ti-49

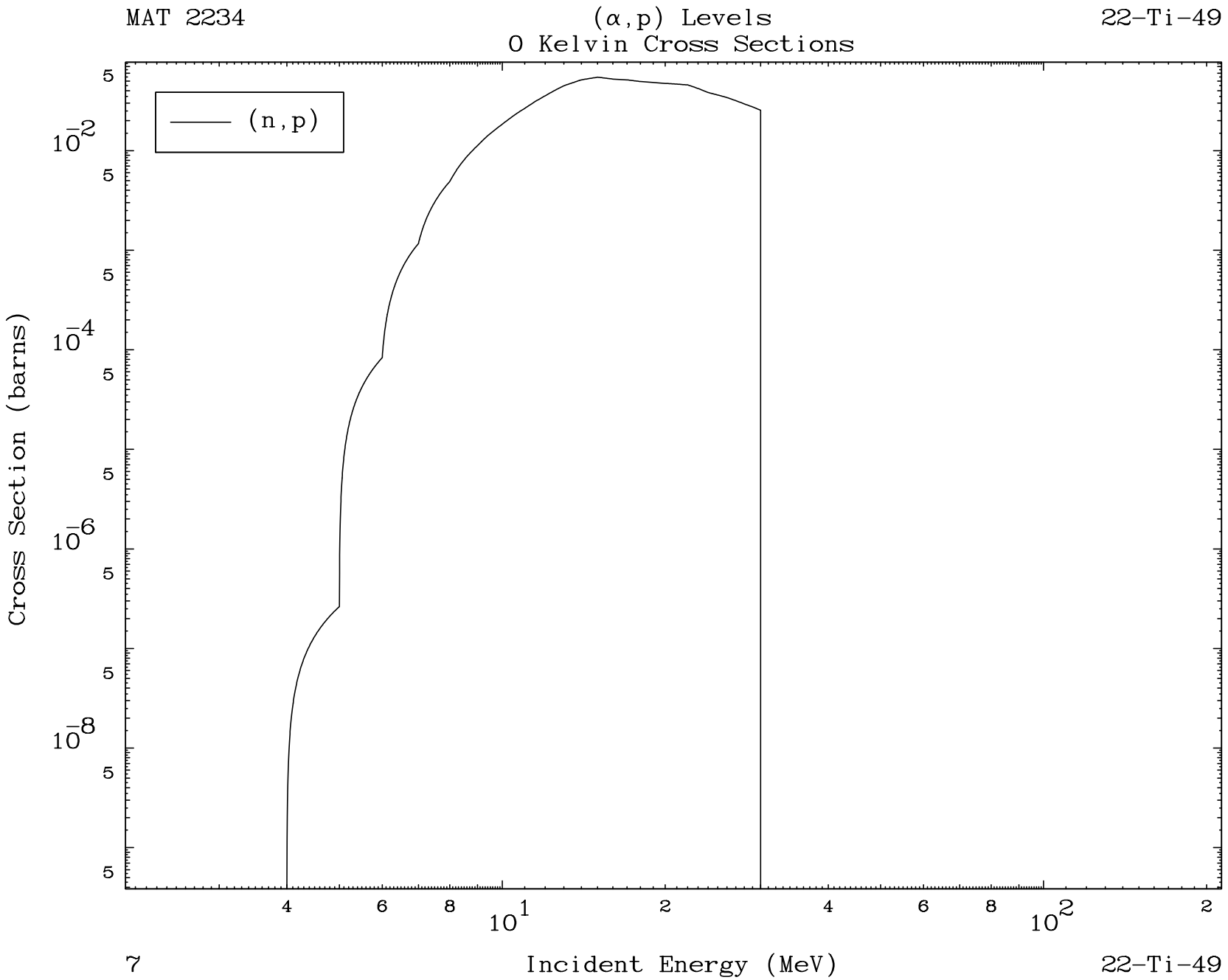

MAT 2234
α Neutron Absorption
0 Kelvin Cross Sections
22-Ti-49
Cross Section (barns)
Incident Energy (MeV)
22-Ti-49
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t

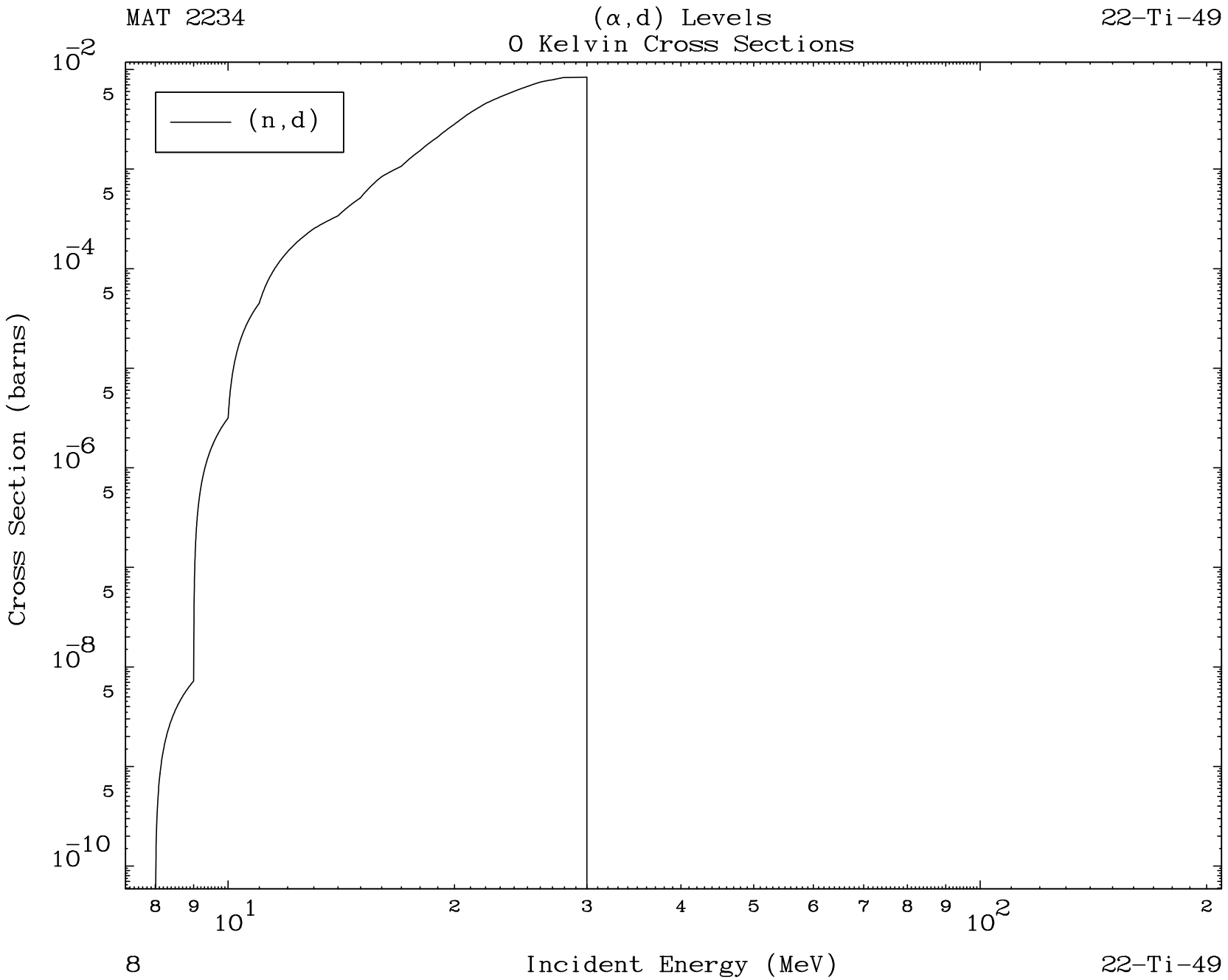

MAT 2234
α Neutron Absorption
0 Kelvin Cross Sections
22-Ti-49
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
22-Ti-49


MAT 2234
α Neutron Absorption
0 Kelvin Cross Sections
22-Ti-49
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
22-Ti-49

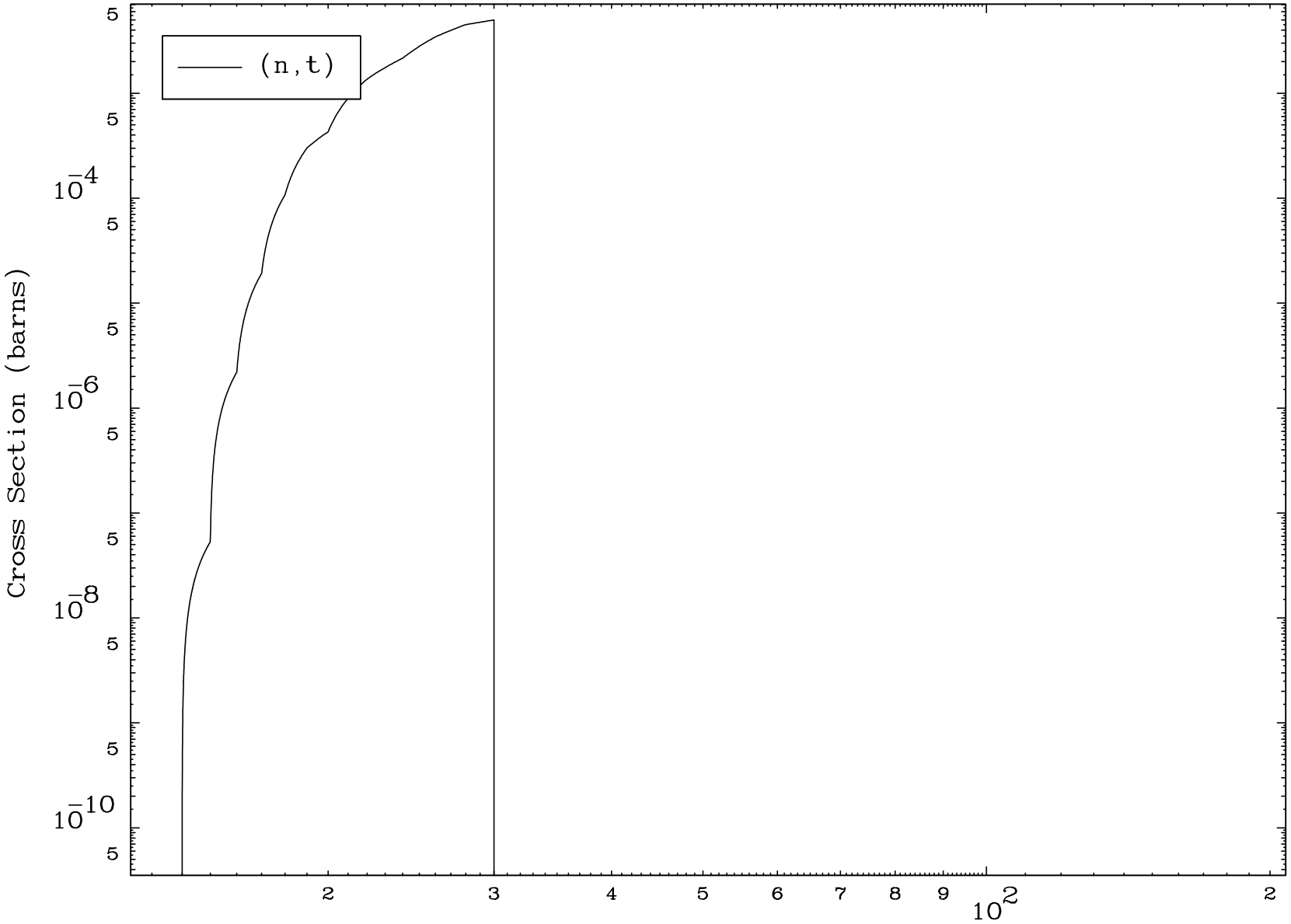

MAT 2234
α Charged Particle
0 Kelvin Cross Sections
22-Ti-49
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
22-Ti-49
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)

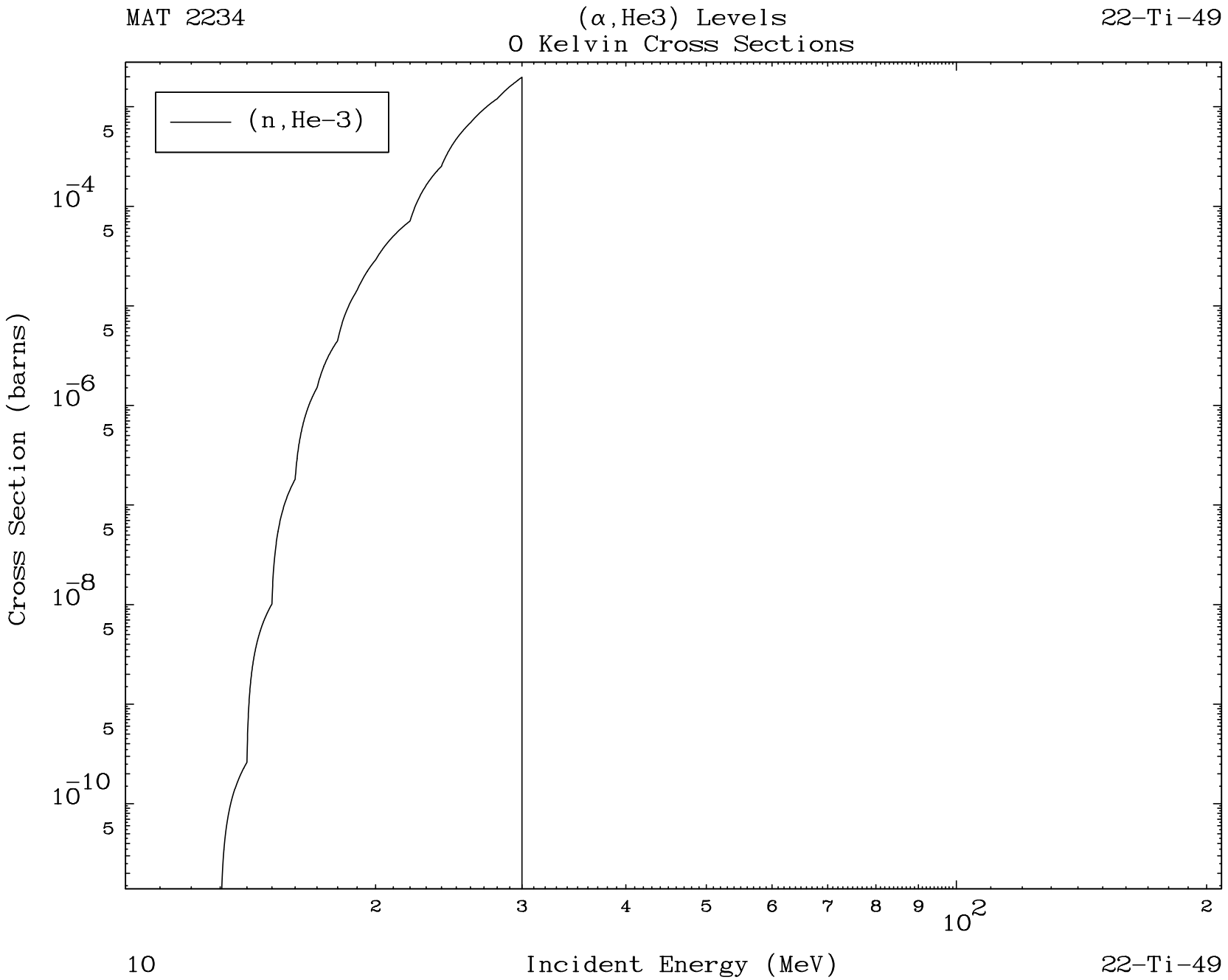

MAT 2234
α Charged Particle
0 Kelvin Cross Sections
22-Ti-49
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
22-Ti-49

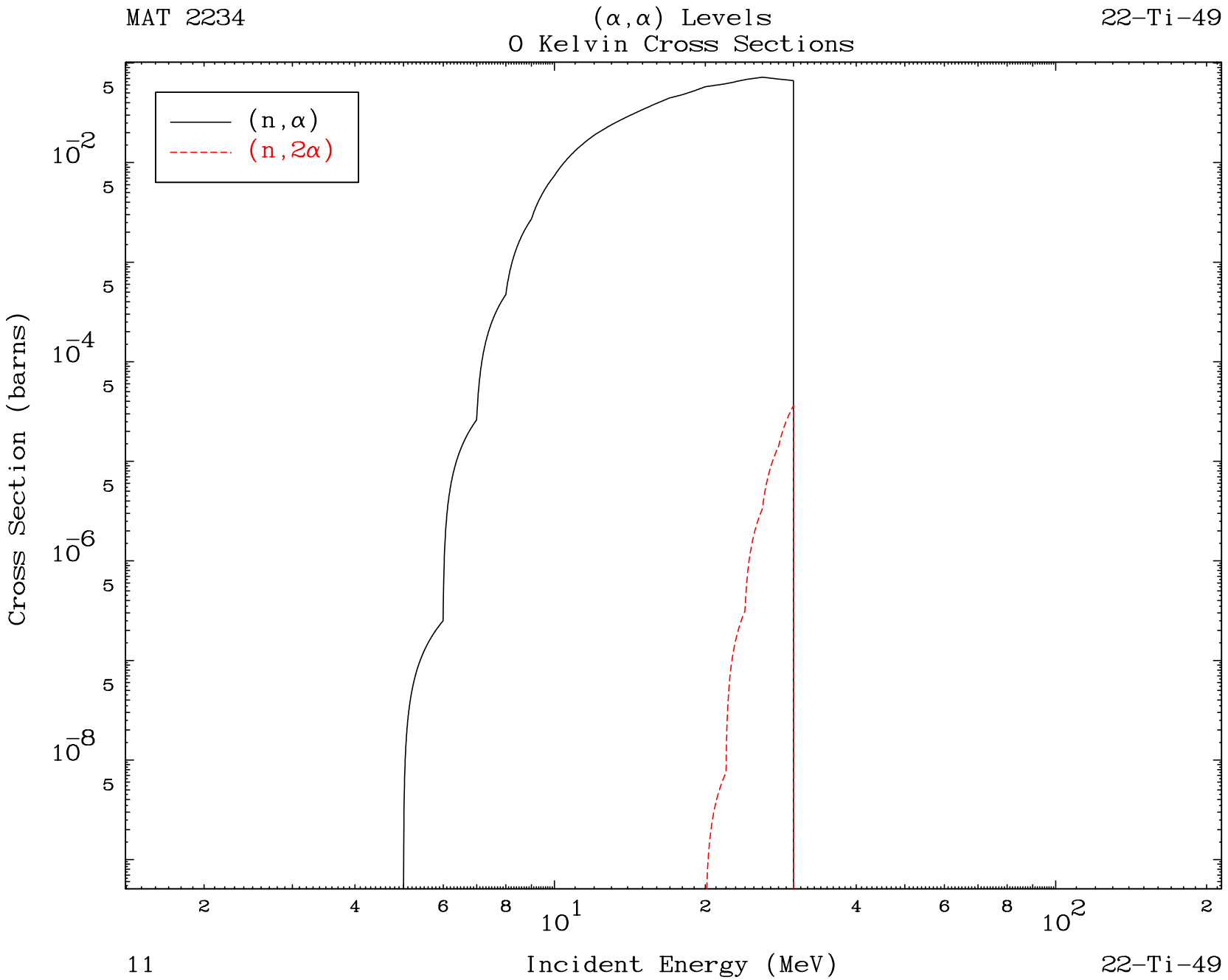

MAT 2234
(α,p) Levels
22-Ti-49
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
7
Incident Energy (MeV)
22-Ti-49


MAT 2234
(α,d) Levels
22-Ti-49
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
22-Ti-49

0 Kelvin Cross Sections




MAT 2234
(α,He3) Levels
22-Ti-49
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
10
Incident Energy (MeV)
22-Ti-49


MAT 2234
(α,α) Levels
22-Ti-49
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
22-Ti-49