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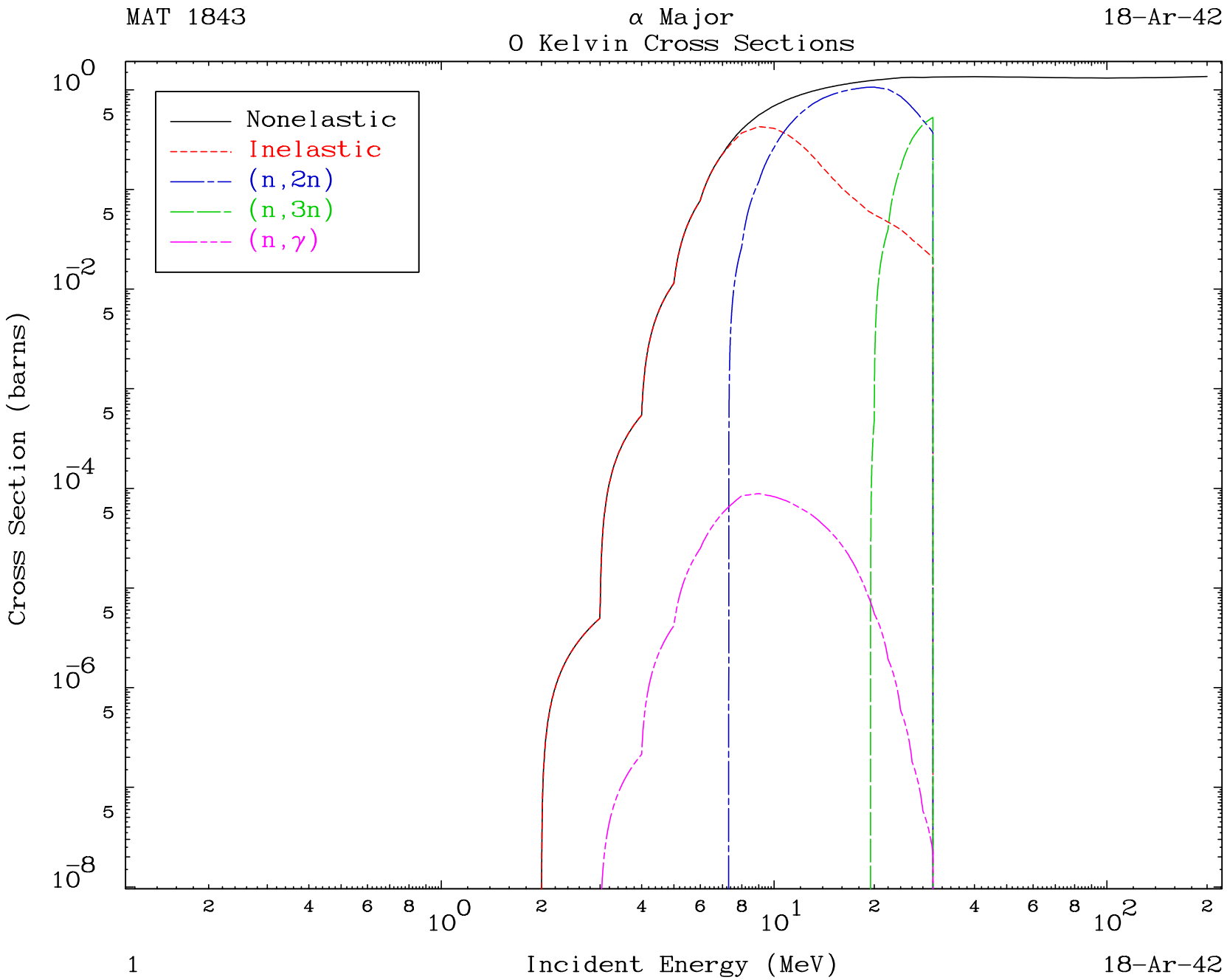
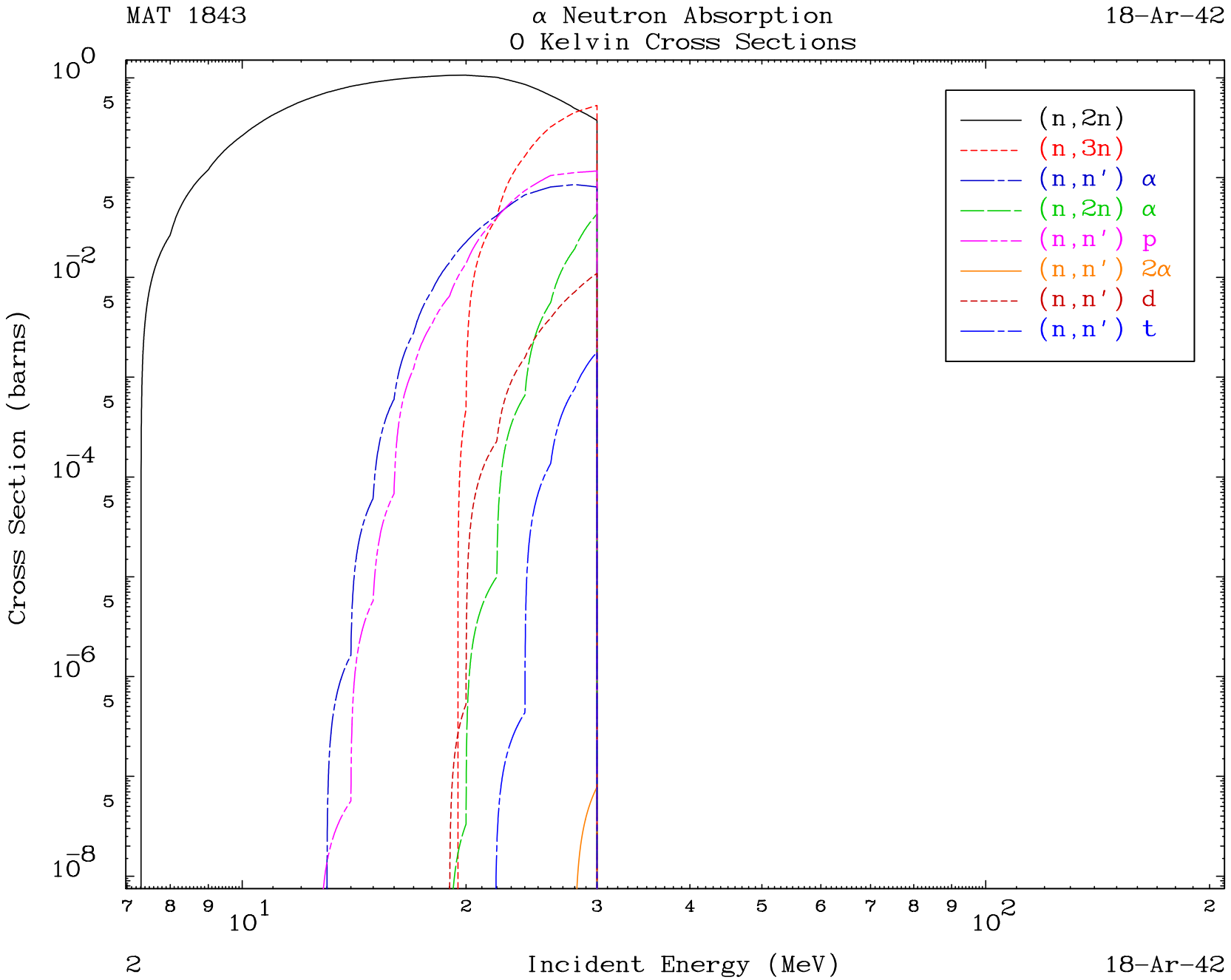
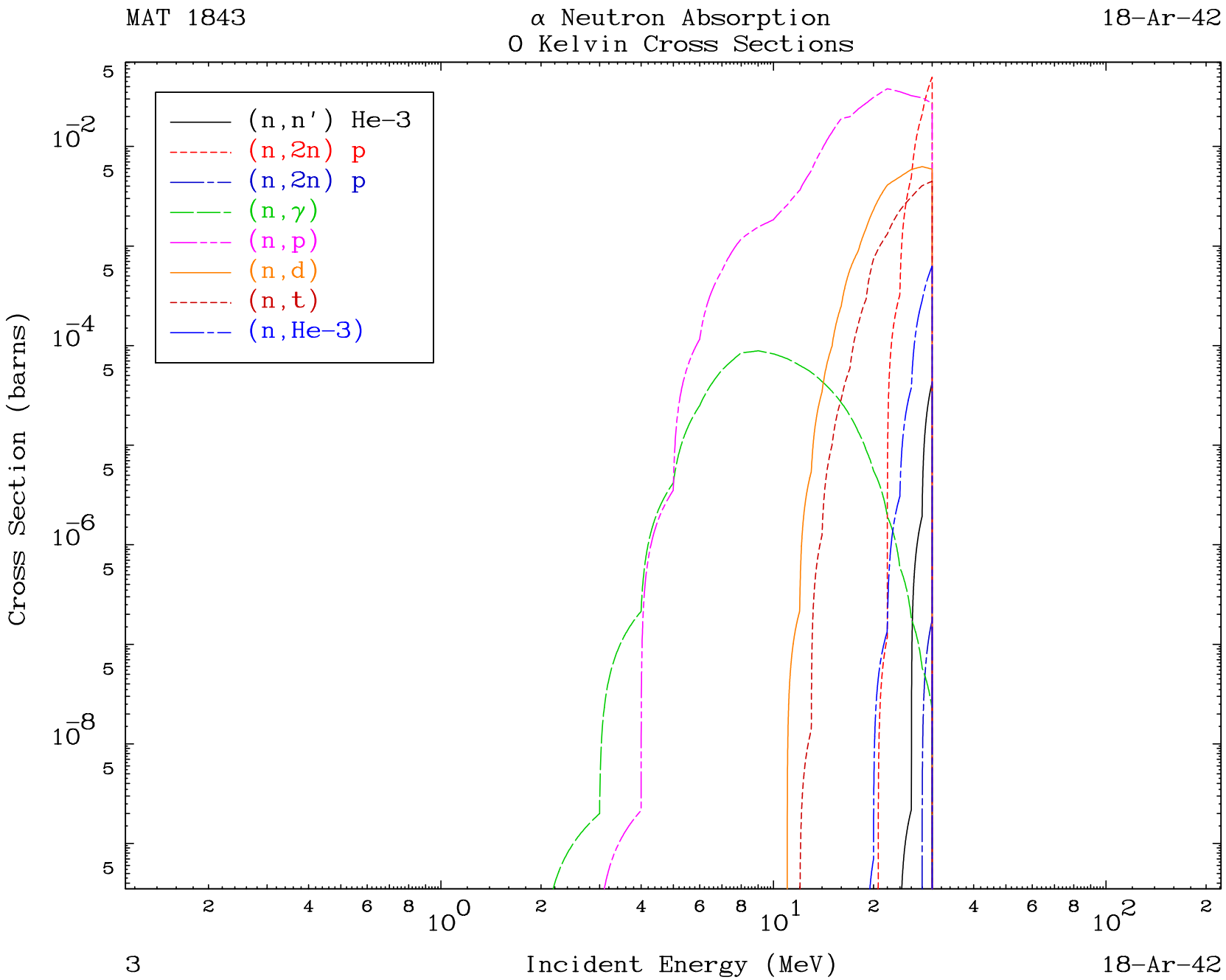
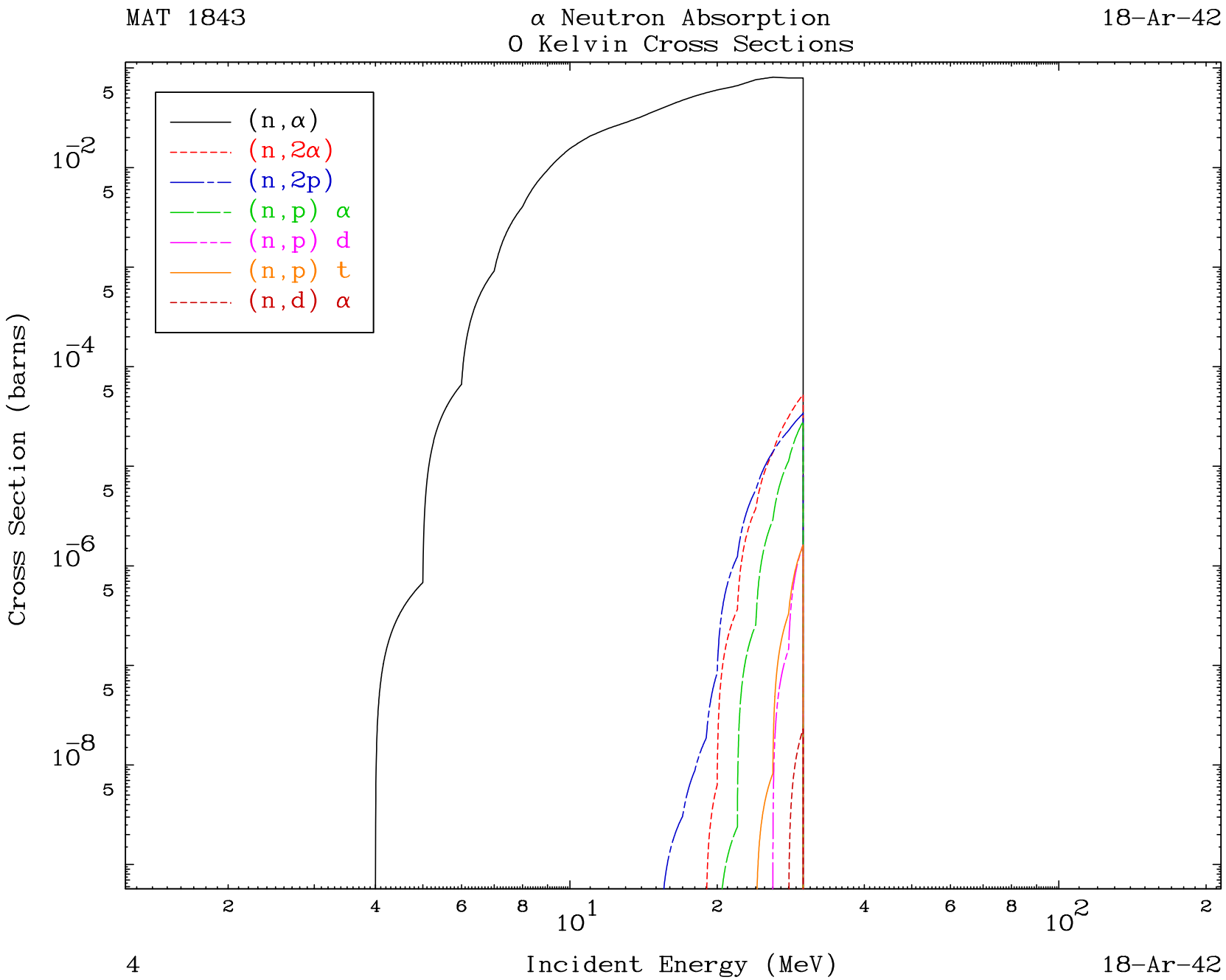
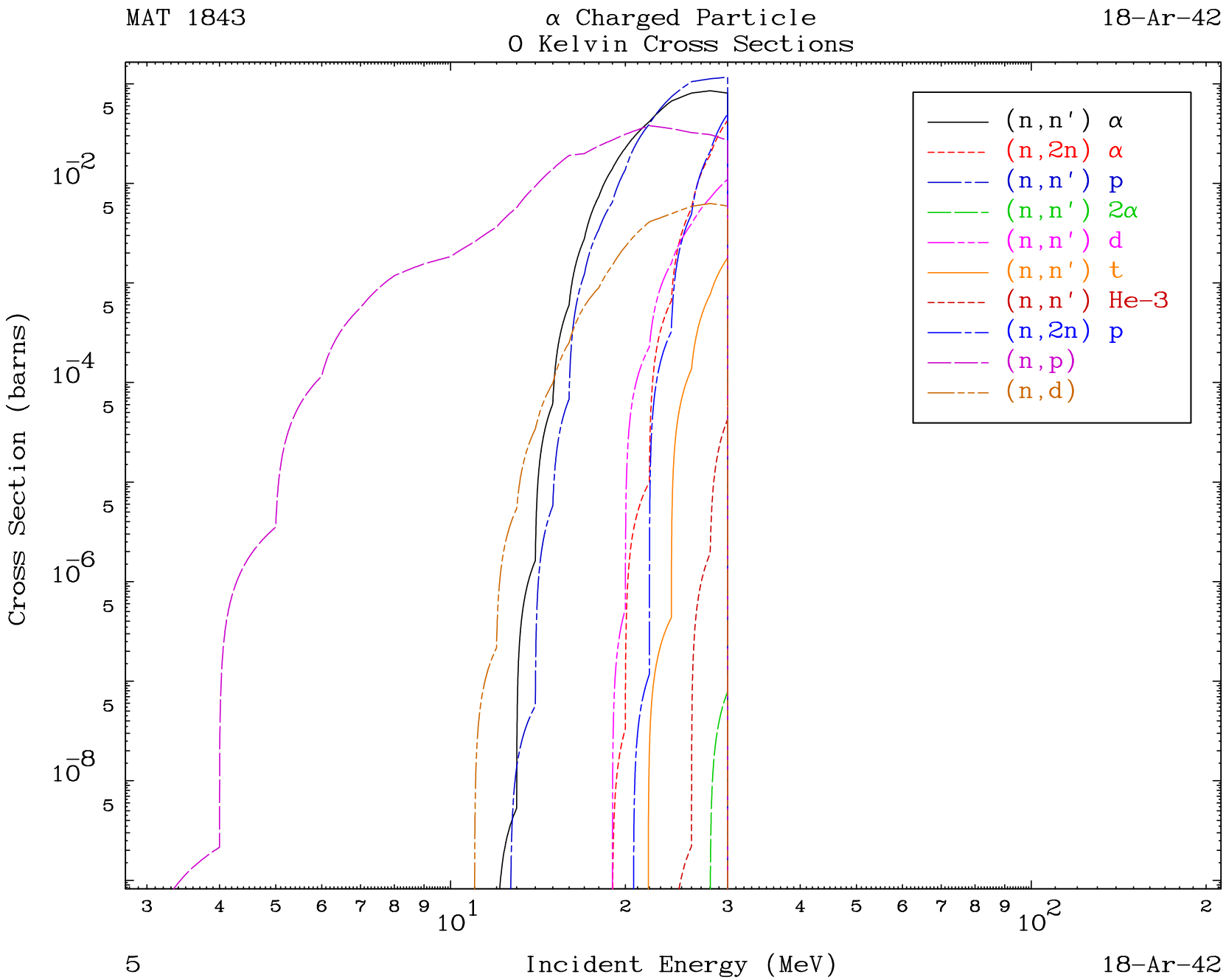
Press Mouse Button to Start

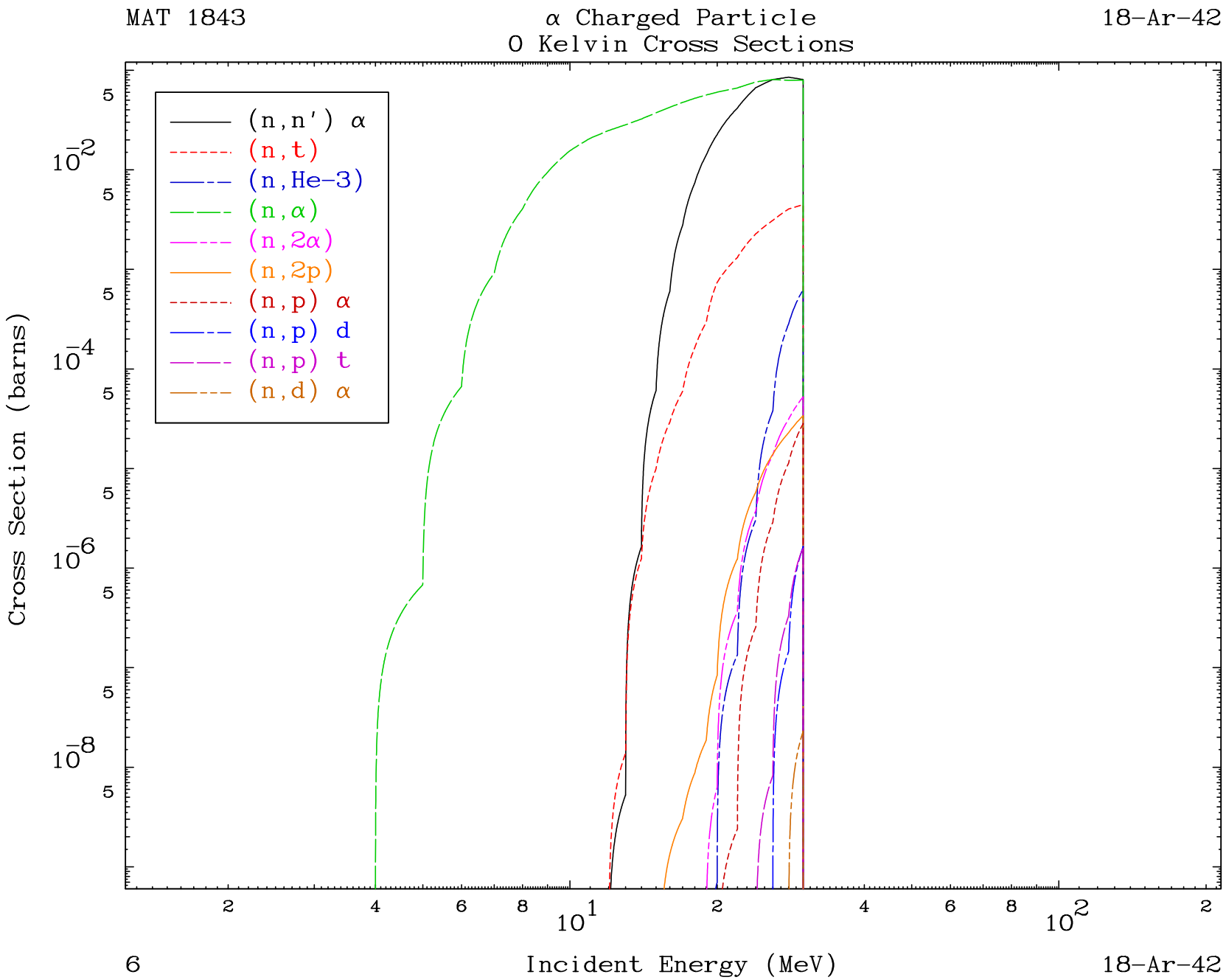

MAT 1843
α Major
18-Ar-42
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
18-Ar-42

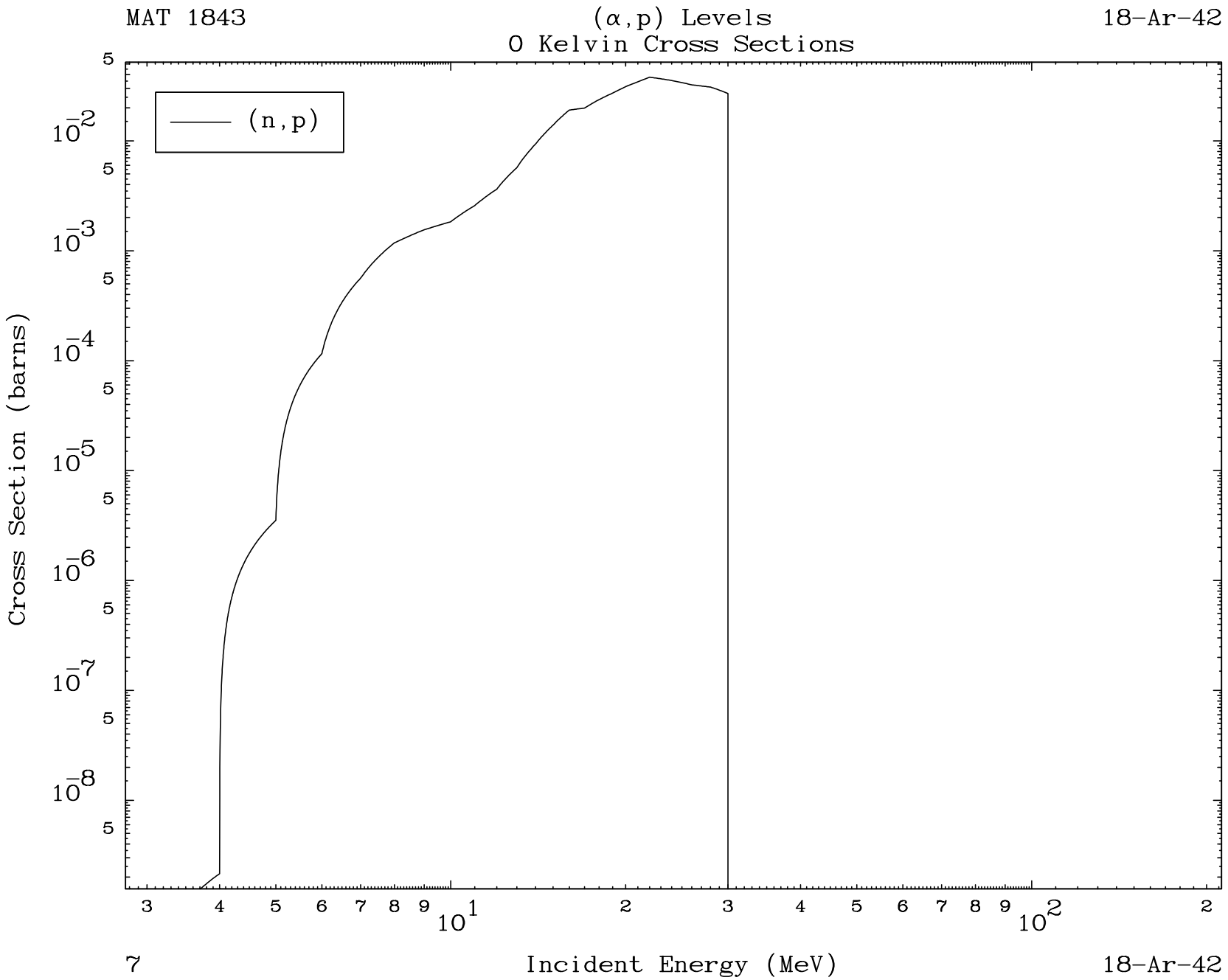

MAT 1843
α Neutron Absorption
0 Kelvin Cross Sections
18-Ar-42
Cross Section (barns)
Incident Energy (MeV)
18-Ar-42
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t

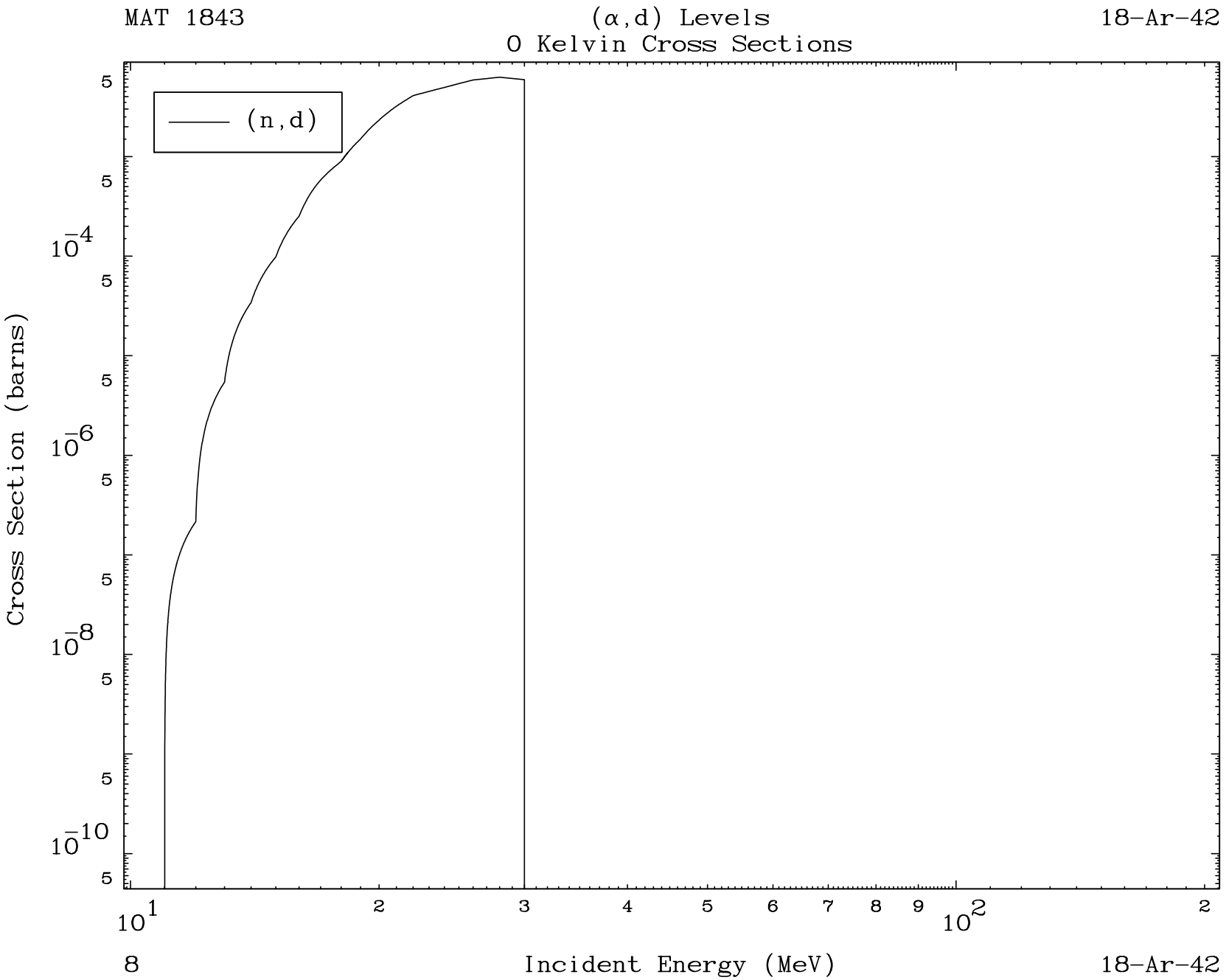

MAT 1843
α Neutron Absorption
0 Kelvin Cross Sections
18-Ar-42
(n,n') He-3
(n,2n) p
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
18-Ar-42

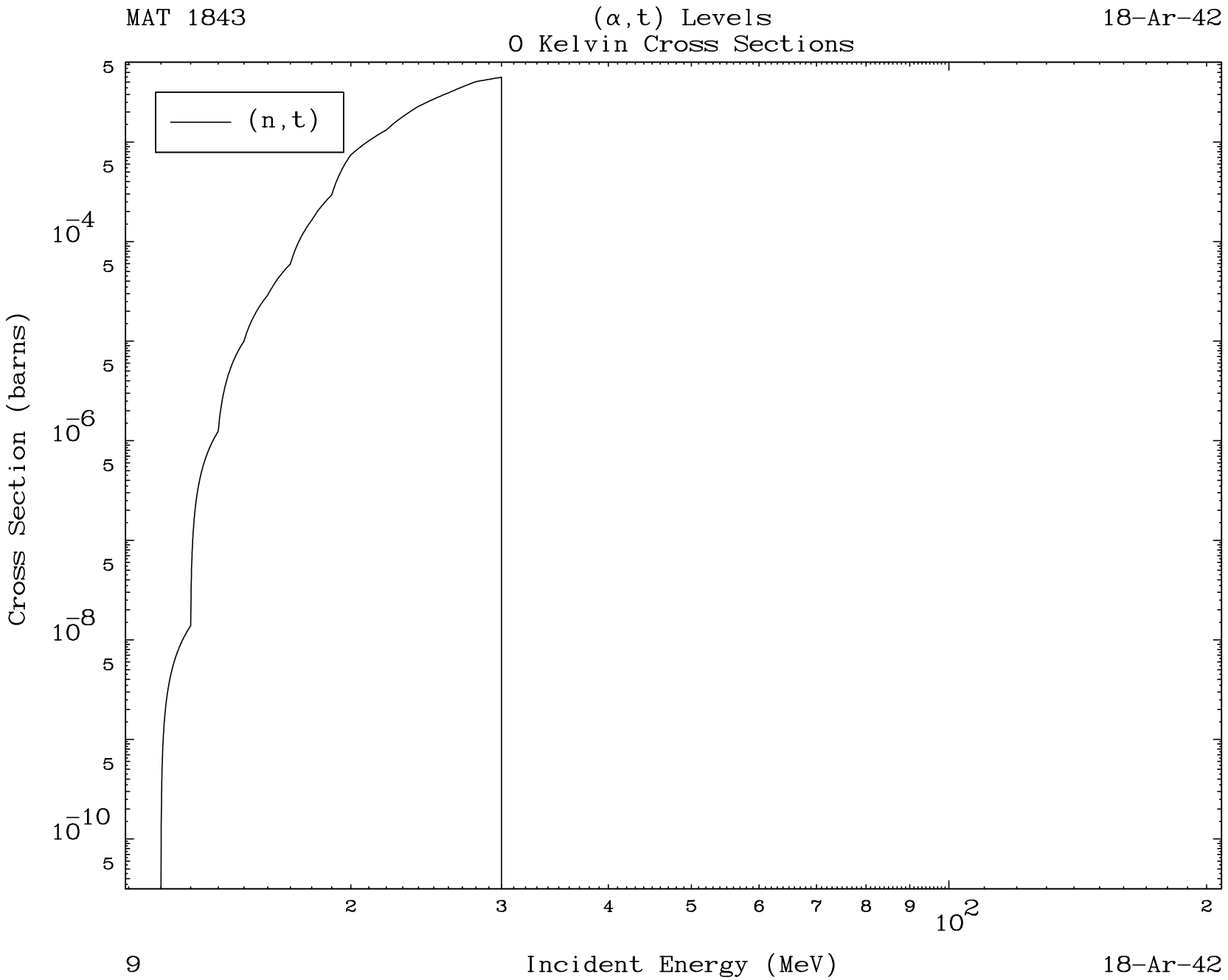

MAT 1843
α Neutron Absorption
0 Kelvin Cross Sections
18-Ar-42
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
18-Ar-42

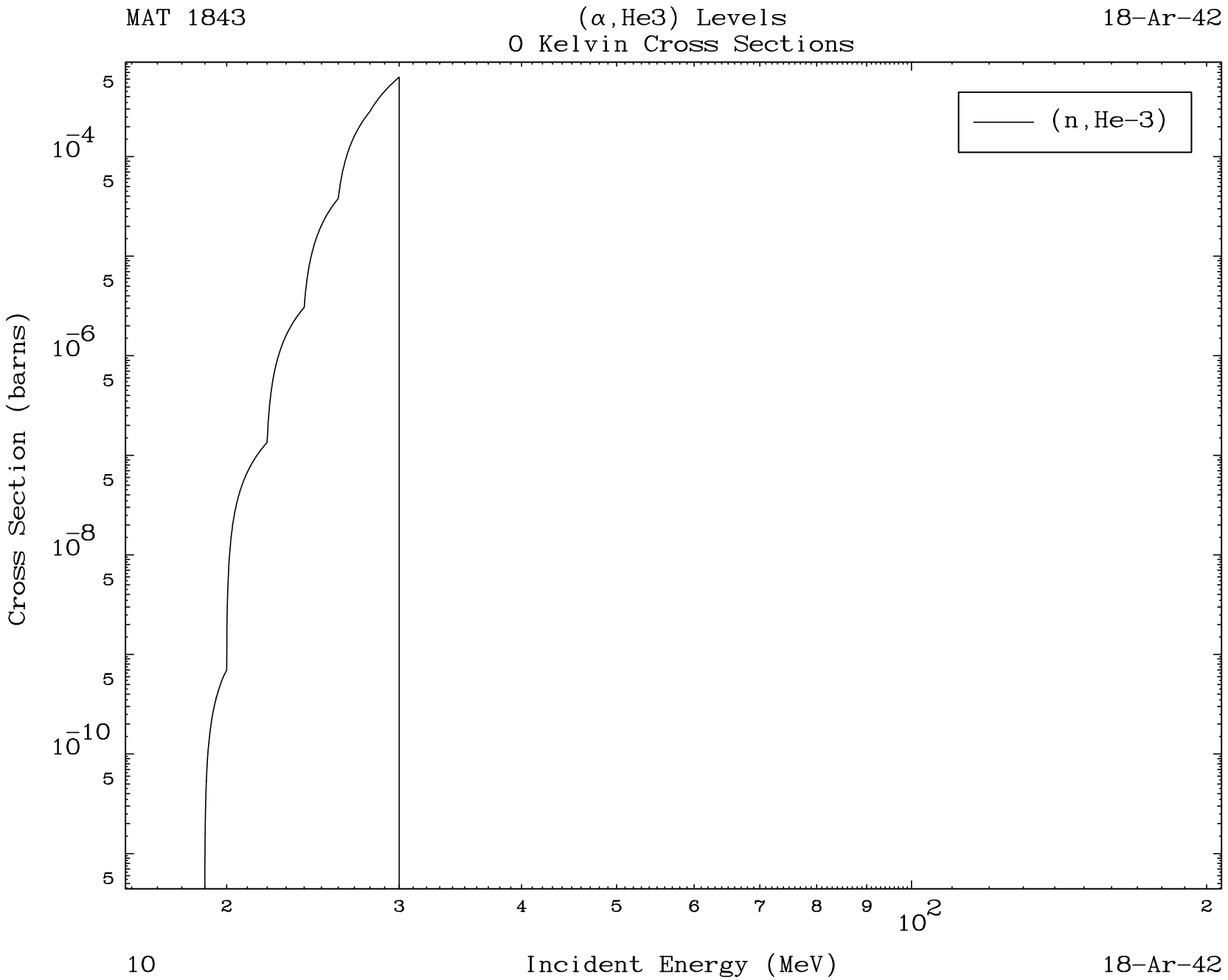

MAT 1843
α Charged Particle
0 Kelvin Cross Sections
18-Ar-42
Cross Section (barns)
Incident Energy (MeV)
5
18-Ar-42
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)

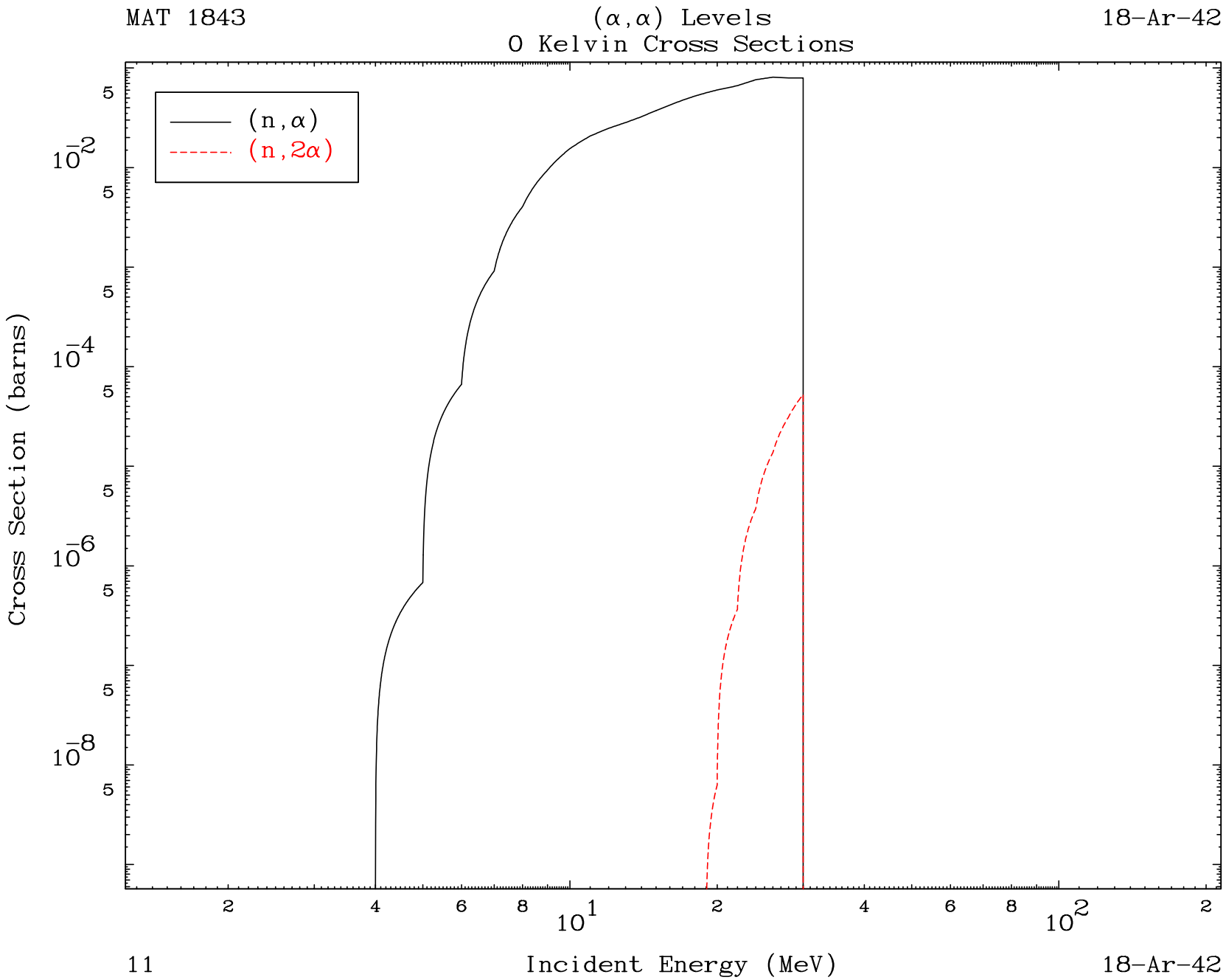

MAT 1843
α Charged Particle
0 Kelvin Cross Sections
18-Ar-42
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
18-Ar-42


MAT 1843
(α,p) Levels
18-Ar-42
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
18-Ar-42


MAT 1843
(α,d) Levels
18-Ar-42
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
18-Ar-42
8


MAT 1843
(α,t) Levels
18-Ar-42
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
9
18-Ar-42


MAT 1843
(α,He3) Levels
18-Ar-42
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
10
18-Ar-42


MAT 1843
(α,α) Levels
18-Ar-42
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
11
Incident Energy (MeV)
18-Ar-42