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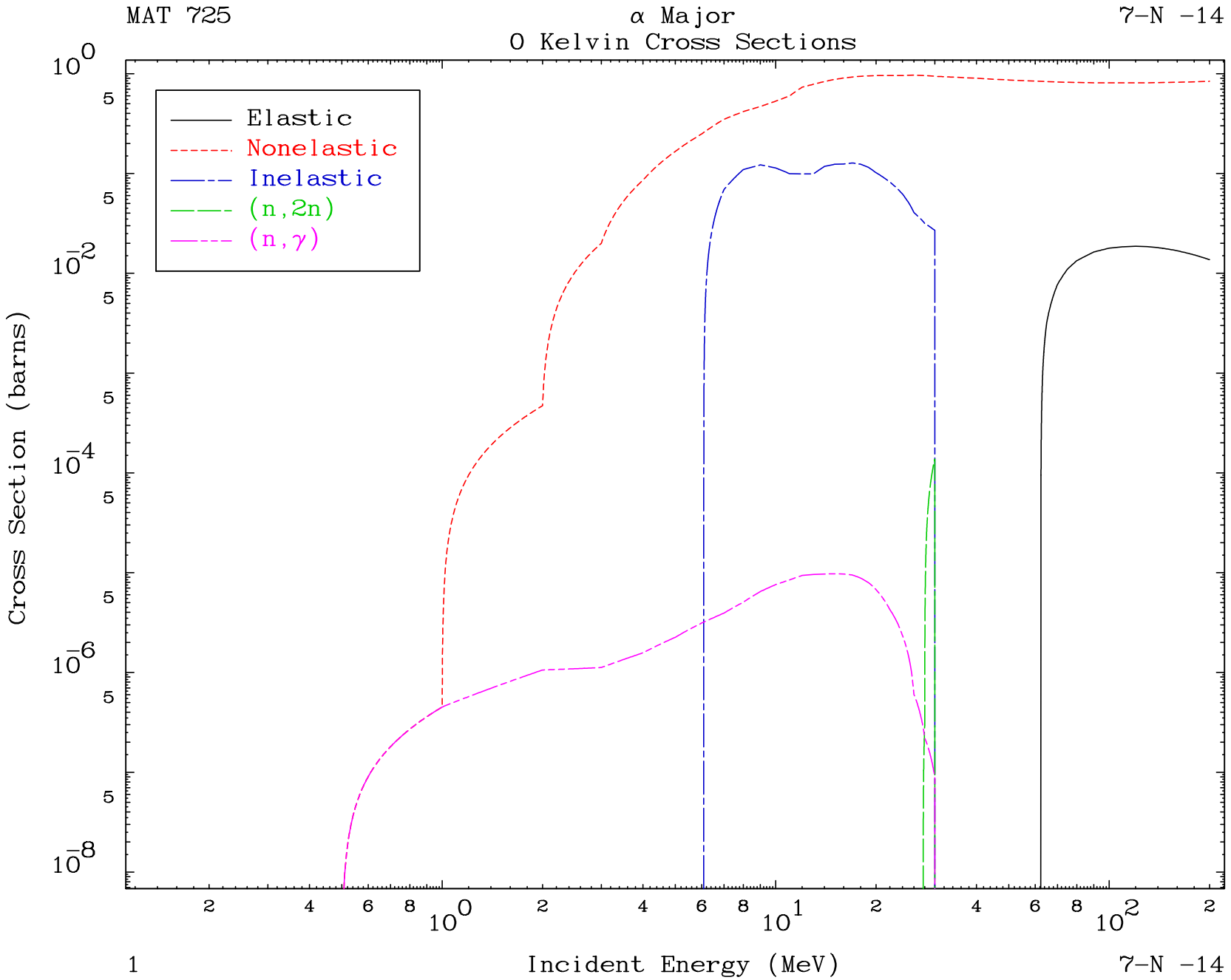
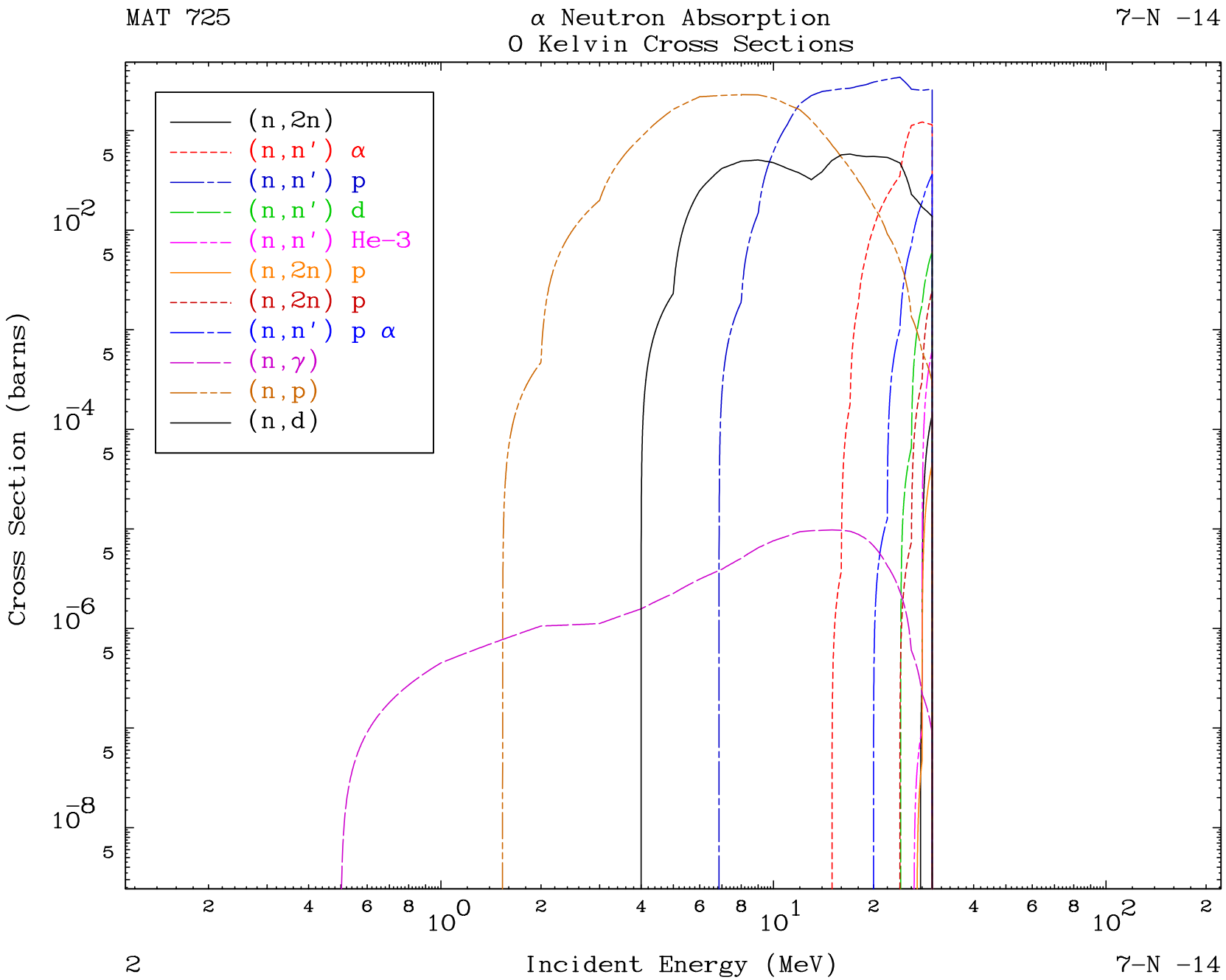
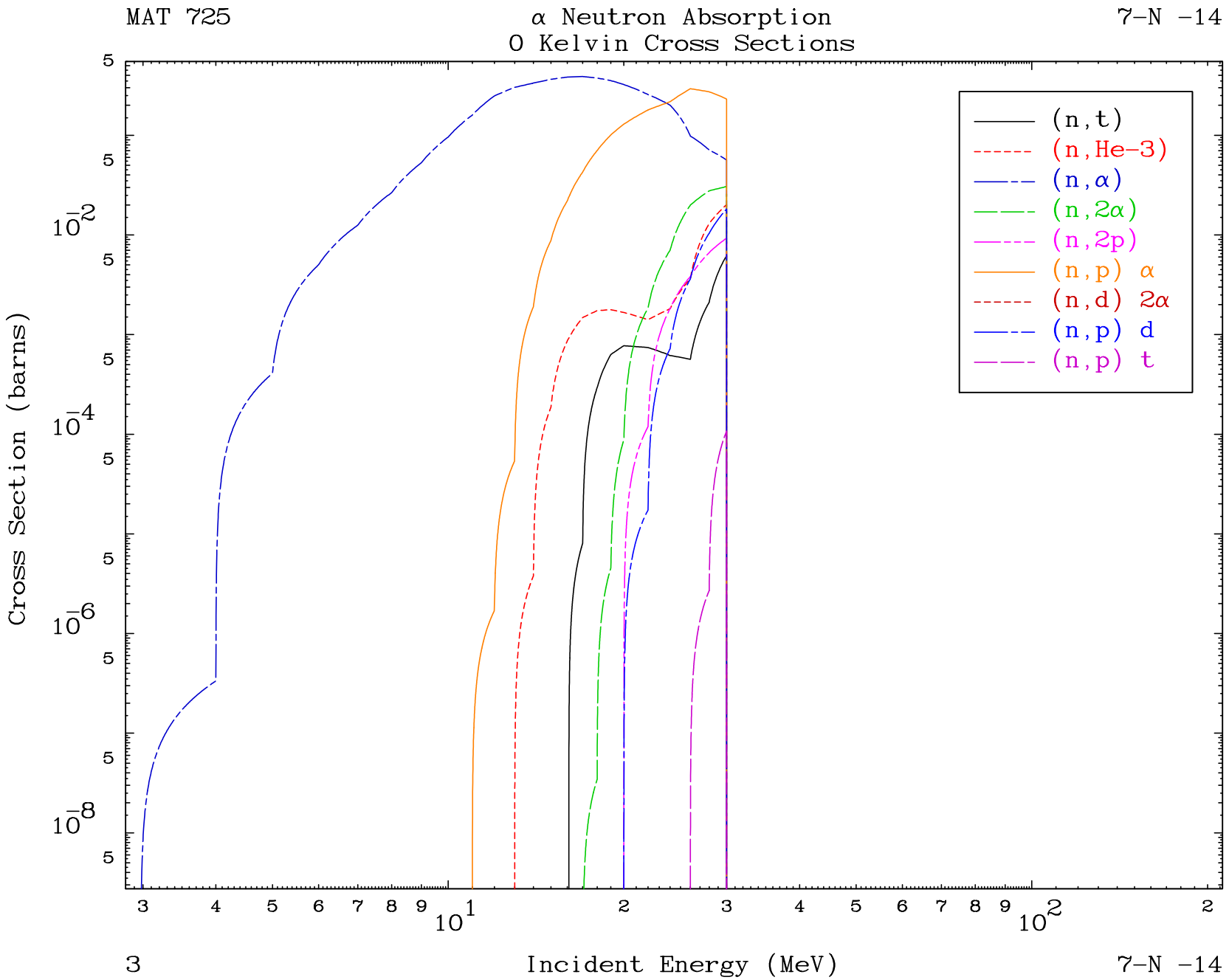
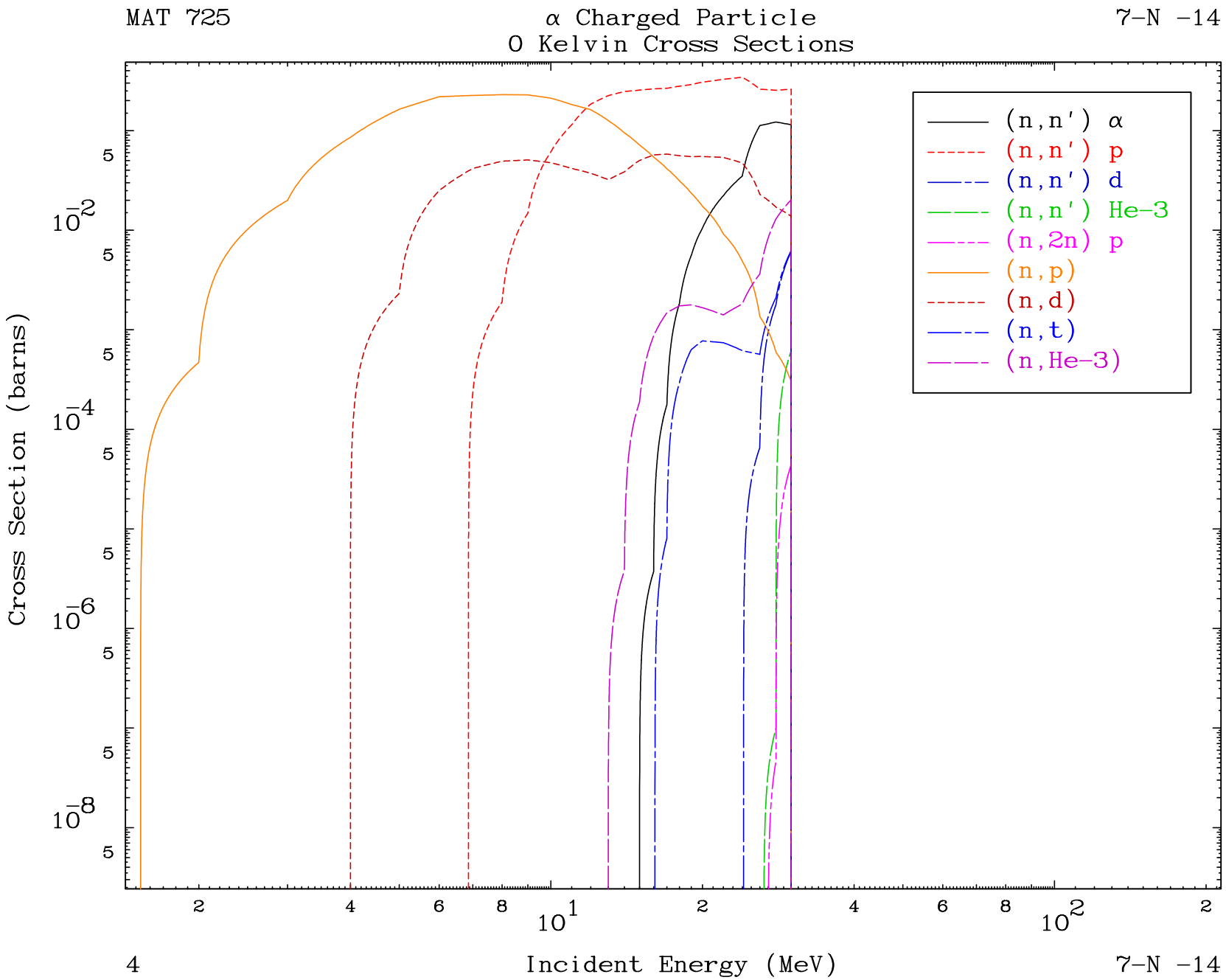
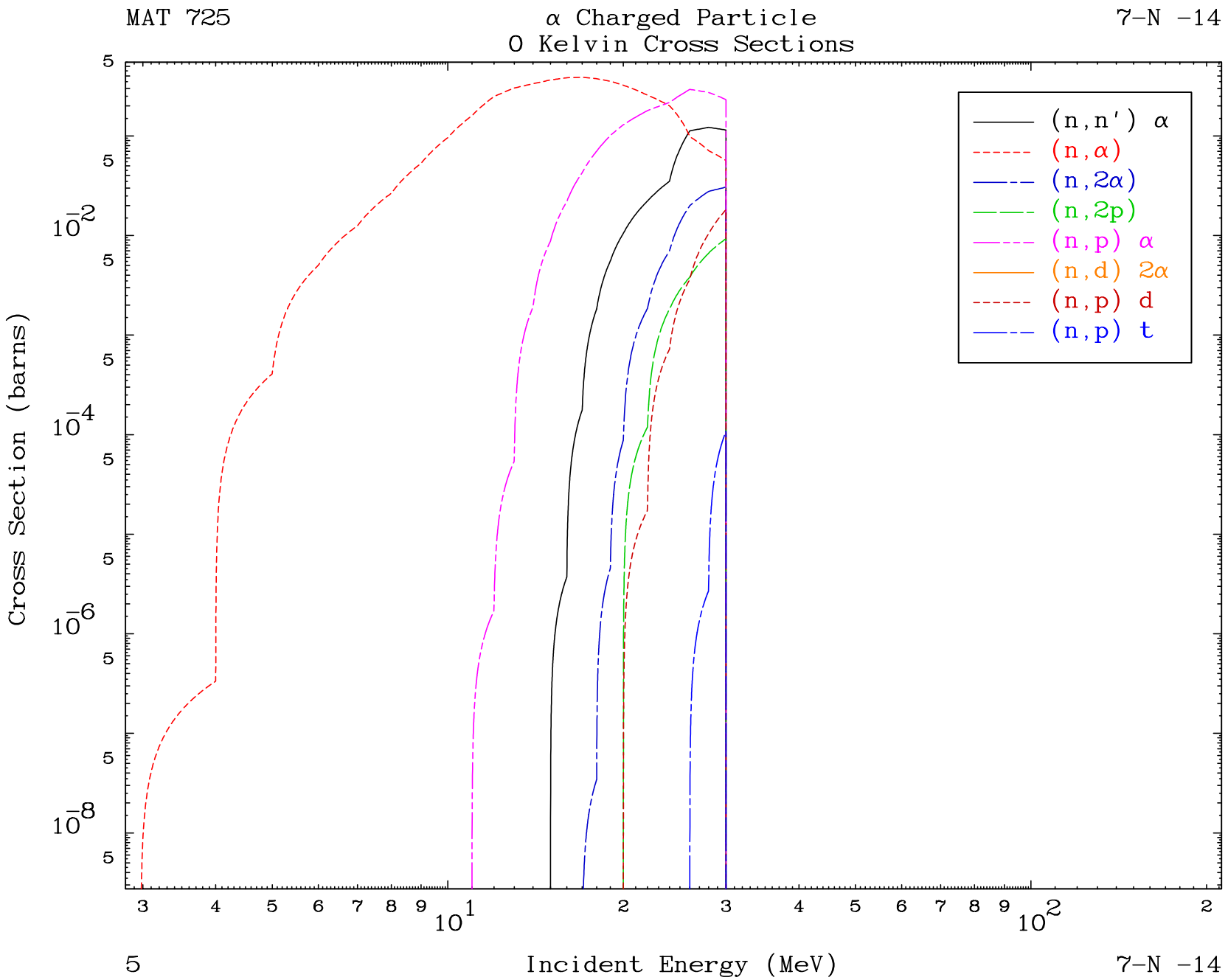
Press Mouse Button to Start

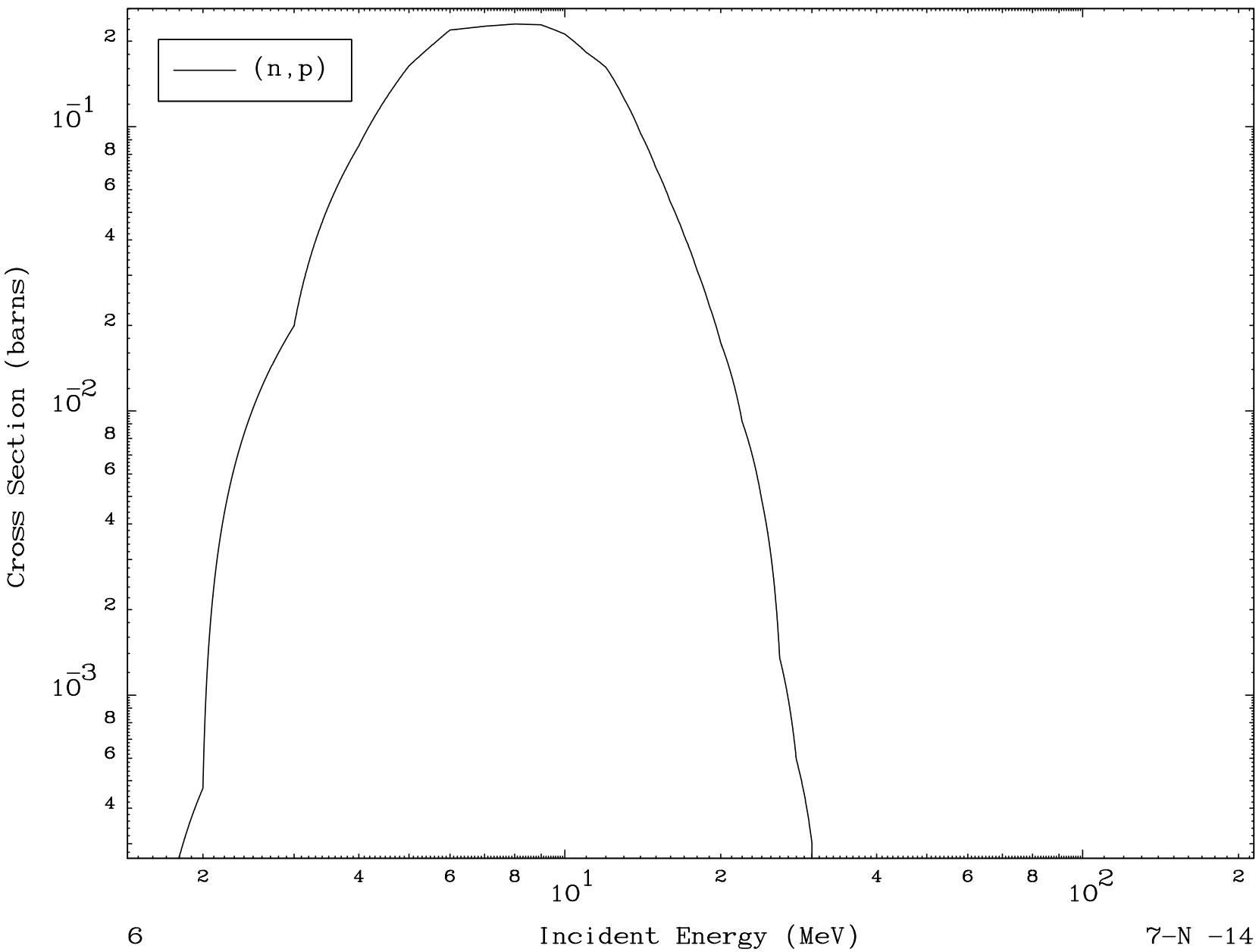

MAT 725
α Major
7-N -14
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
7-N -14
1

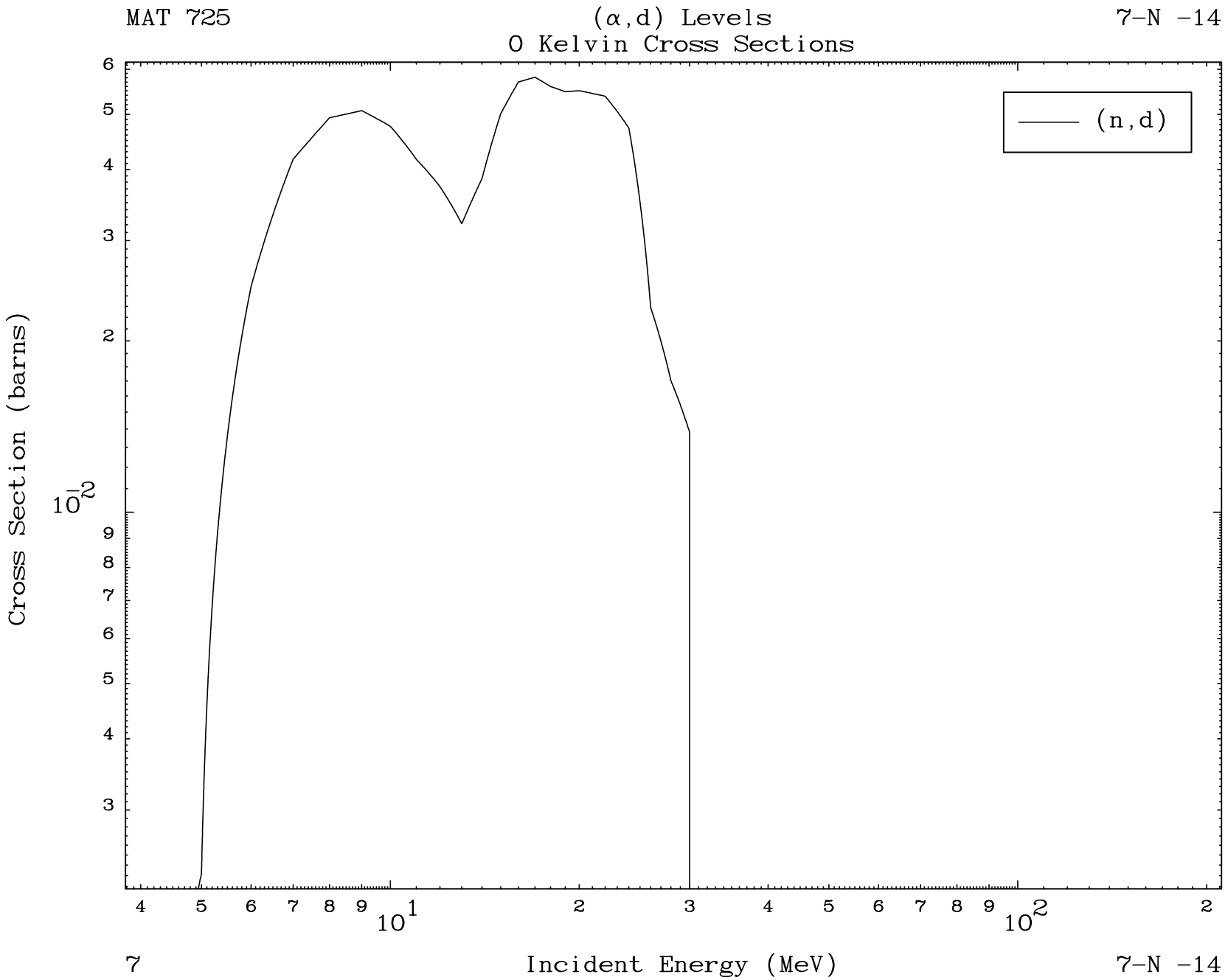

MAT 725
α Neutron Absorption
0 Kelvin Cross Sections
7-N -14
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
2
7-N -14


MAT 725
α Neutron Absorption
0 Kelvin Cross Sections
7-N -14
Cross Section (barns)
Incident Energy (MeV)
3
7-N -14
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t

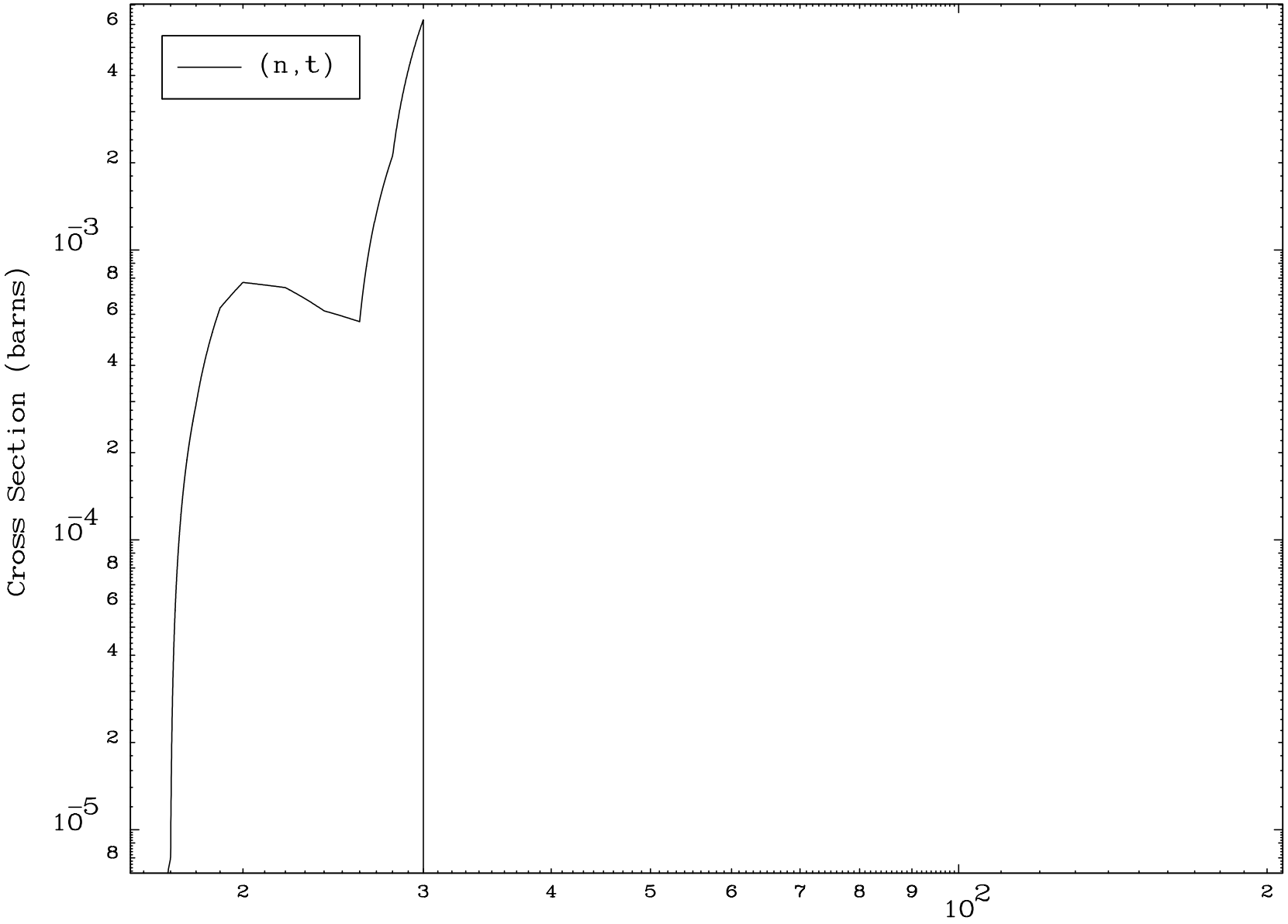

MAT 725
α Charged Particle
0 Kelvin Cross Sections
7-N -14
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
4
7-N -14

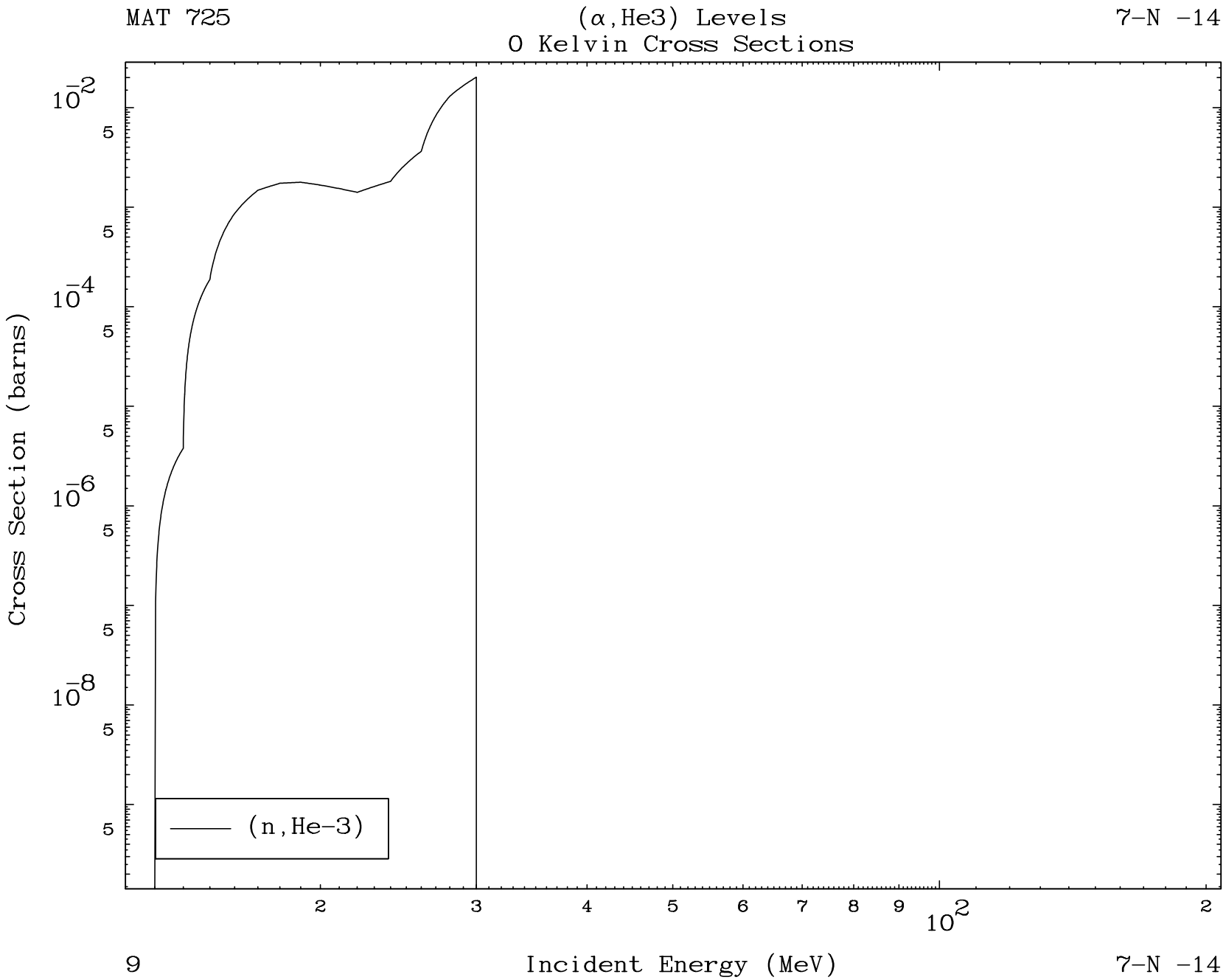

MAT 725
α Charged Particle
0 Kelvin Cross Sections
7-N -14
Cross Section (barns)
Incident Energy (MeV)
7-N -14
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t

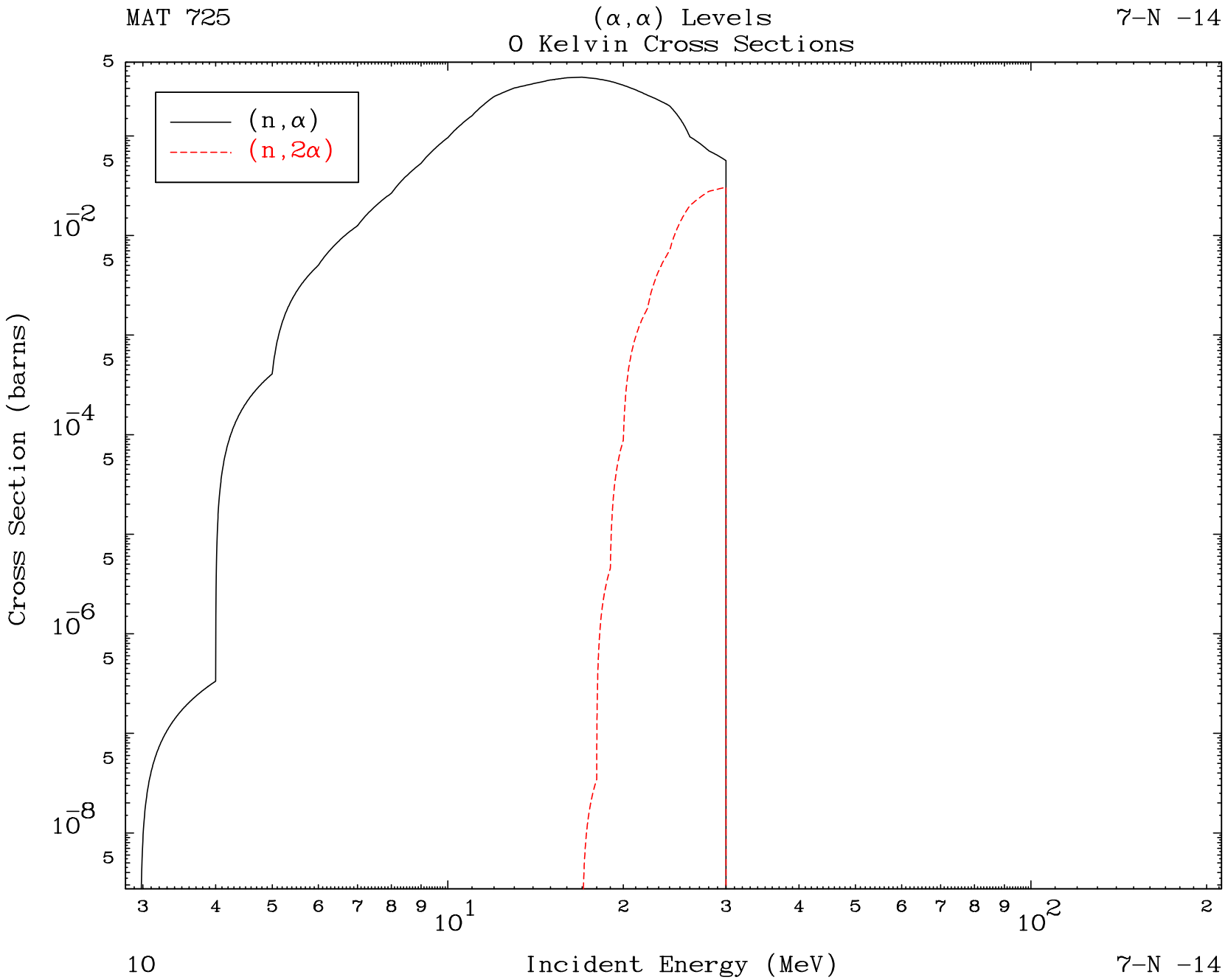

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
10^-1
10^-2
10^-3
10^1
10^2
2
4
6
8


MAT 725
(α,d) Levels
7-N -14
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
7-N -14

0 Kelvin Cross Sections




MAT 725
(α,He3) Levels
7-N -14
0 Kelvin Cross Sections
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
(n,He-3)
2
3
4
5
6
7
8
9
10 2
2
9
Incident Energy (MeV)
7-N -14


MAT 725
(α,α) Levels
7-N -14
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
7-N -14