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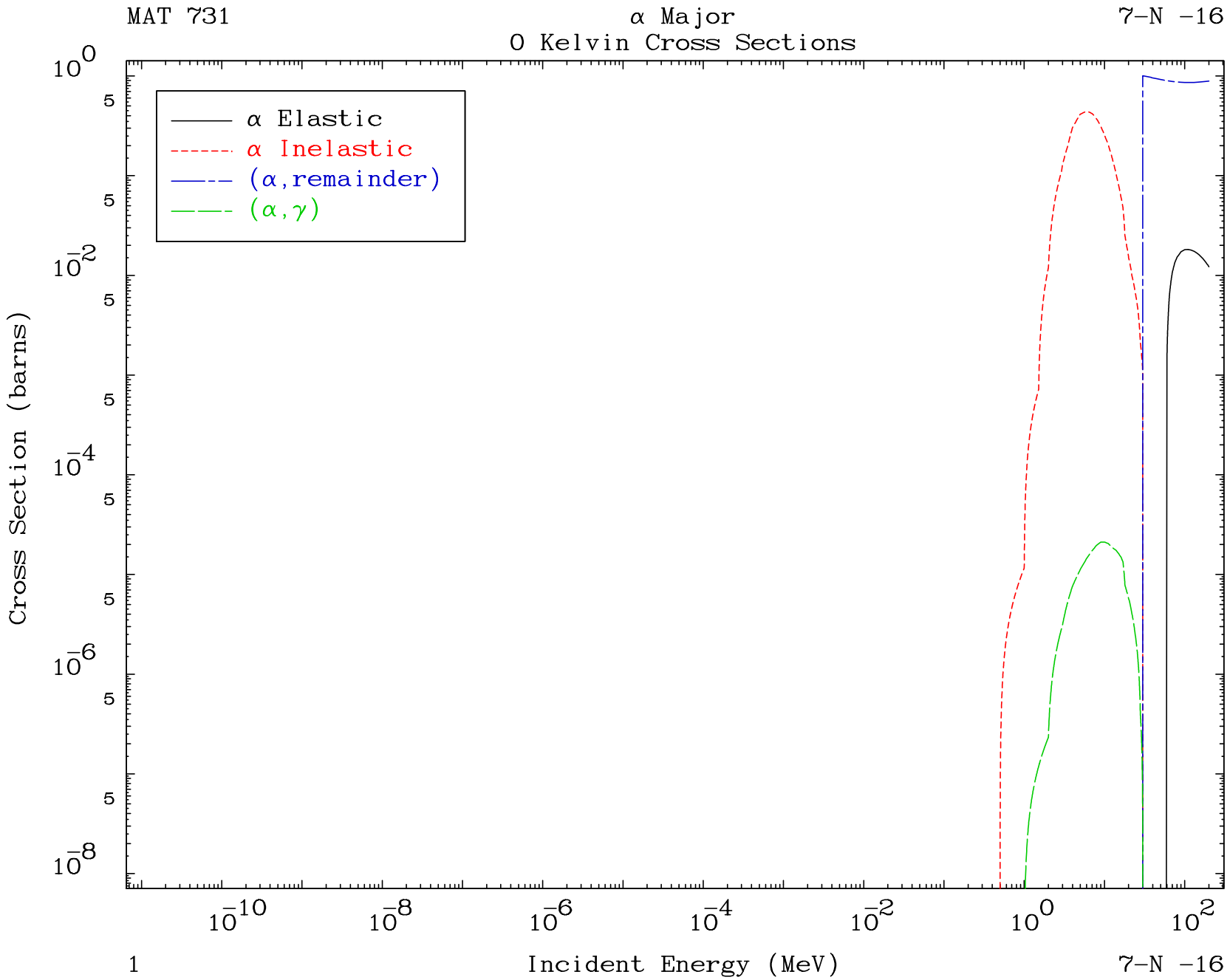
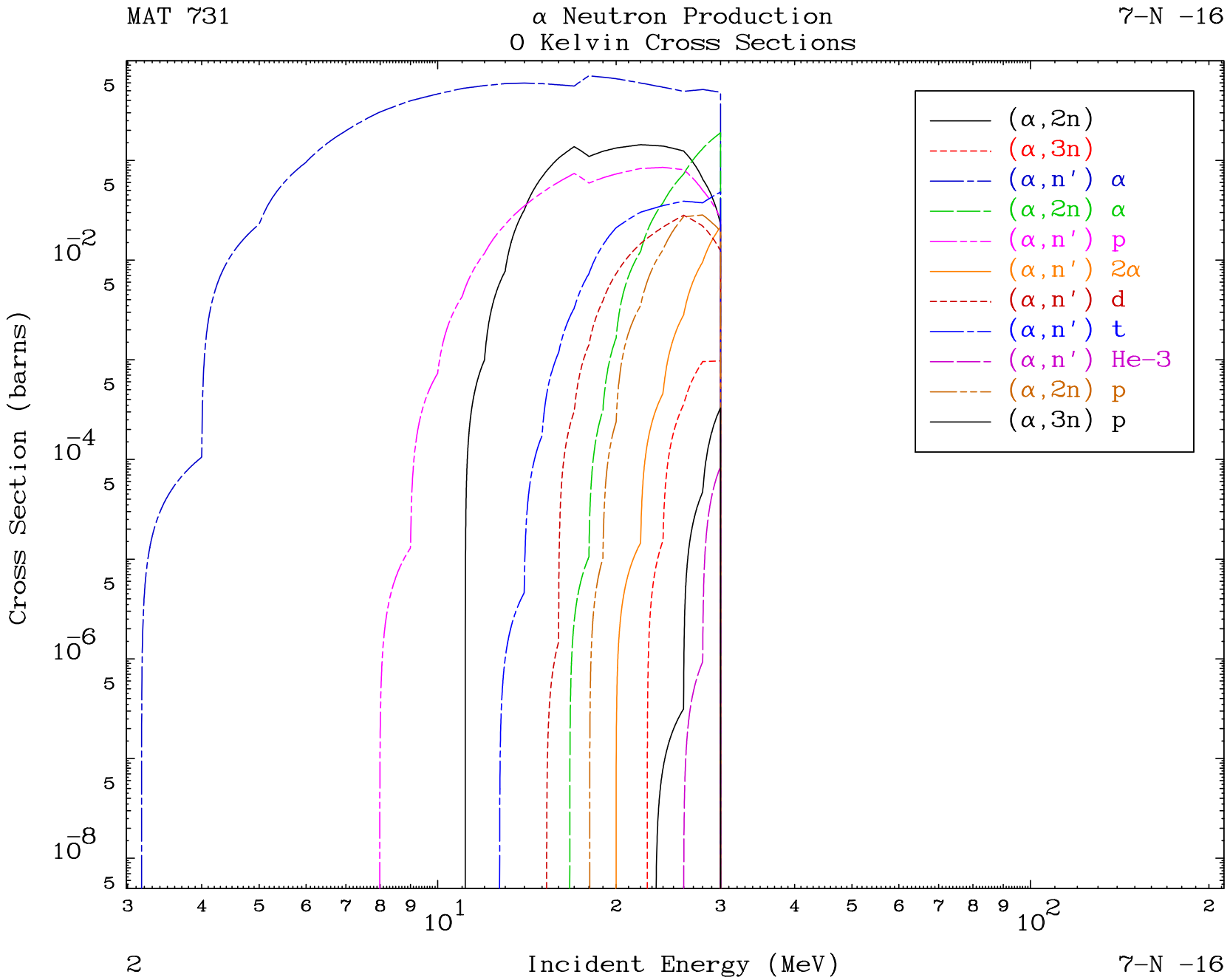
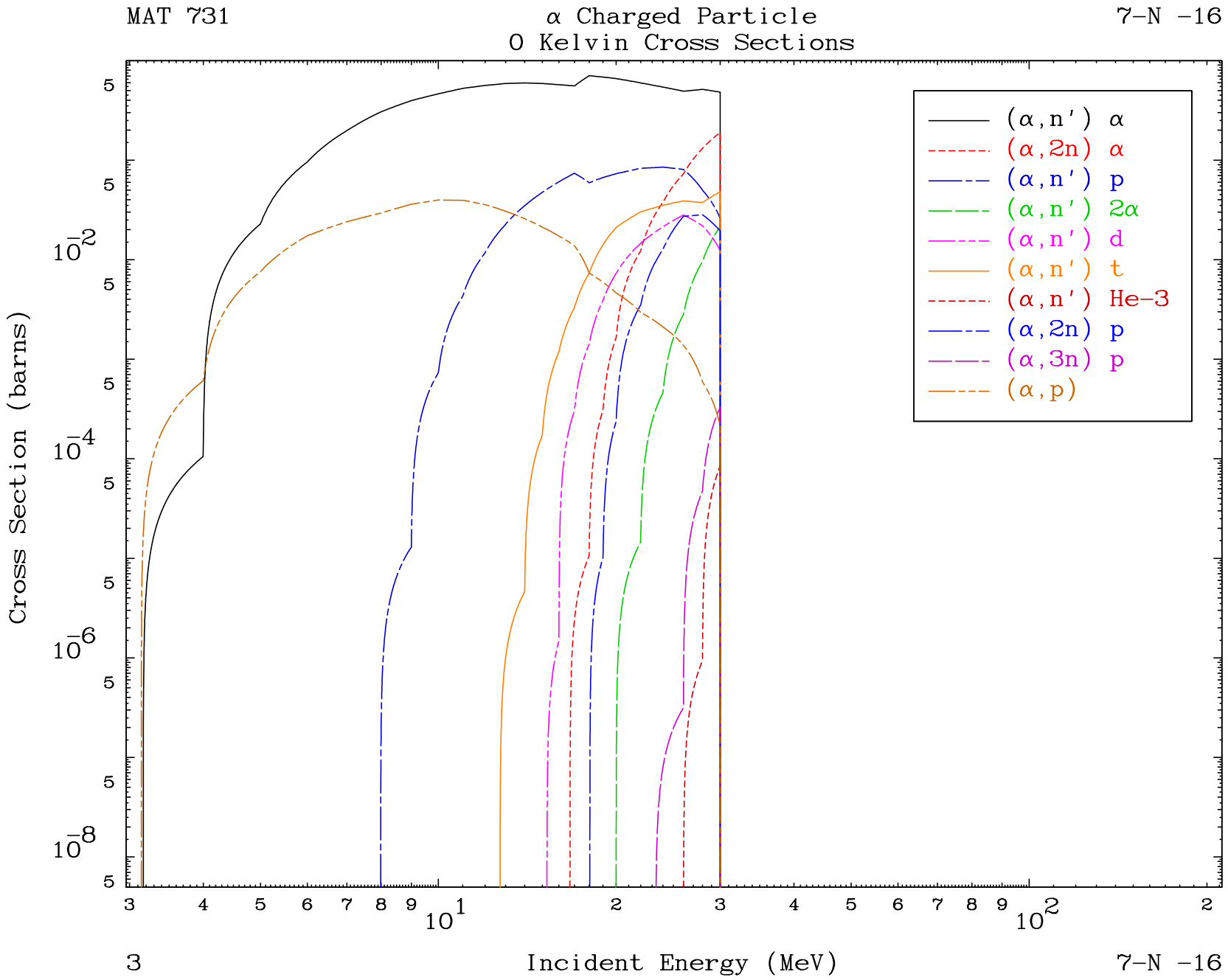
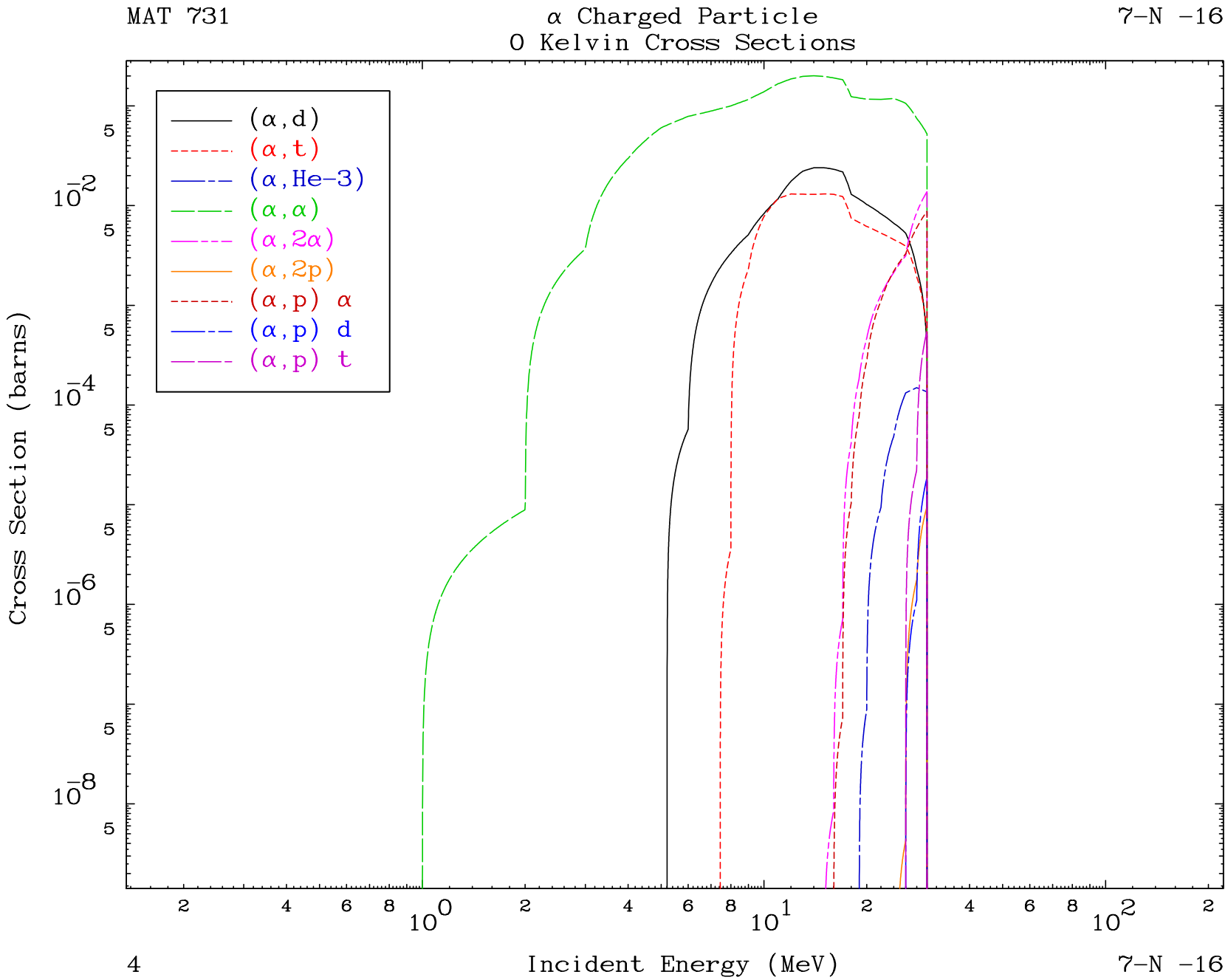
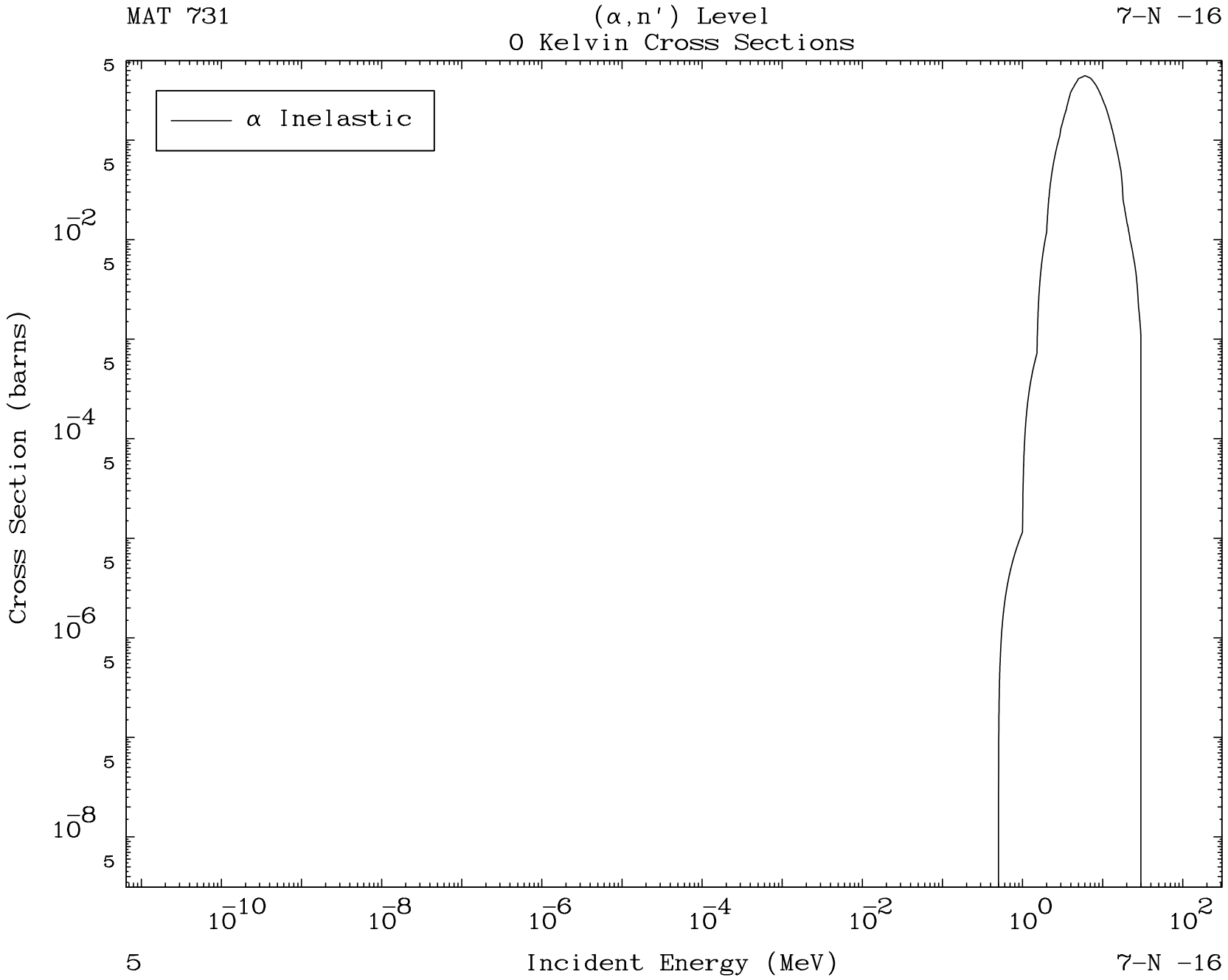
Press Mouse Button to Start

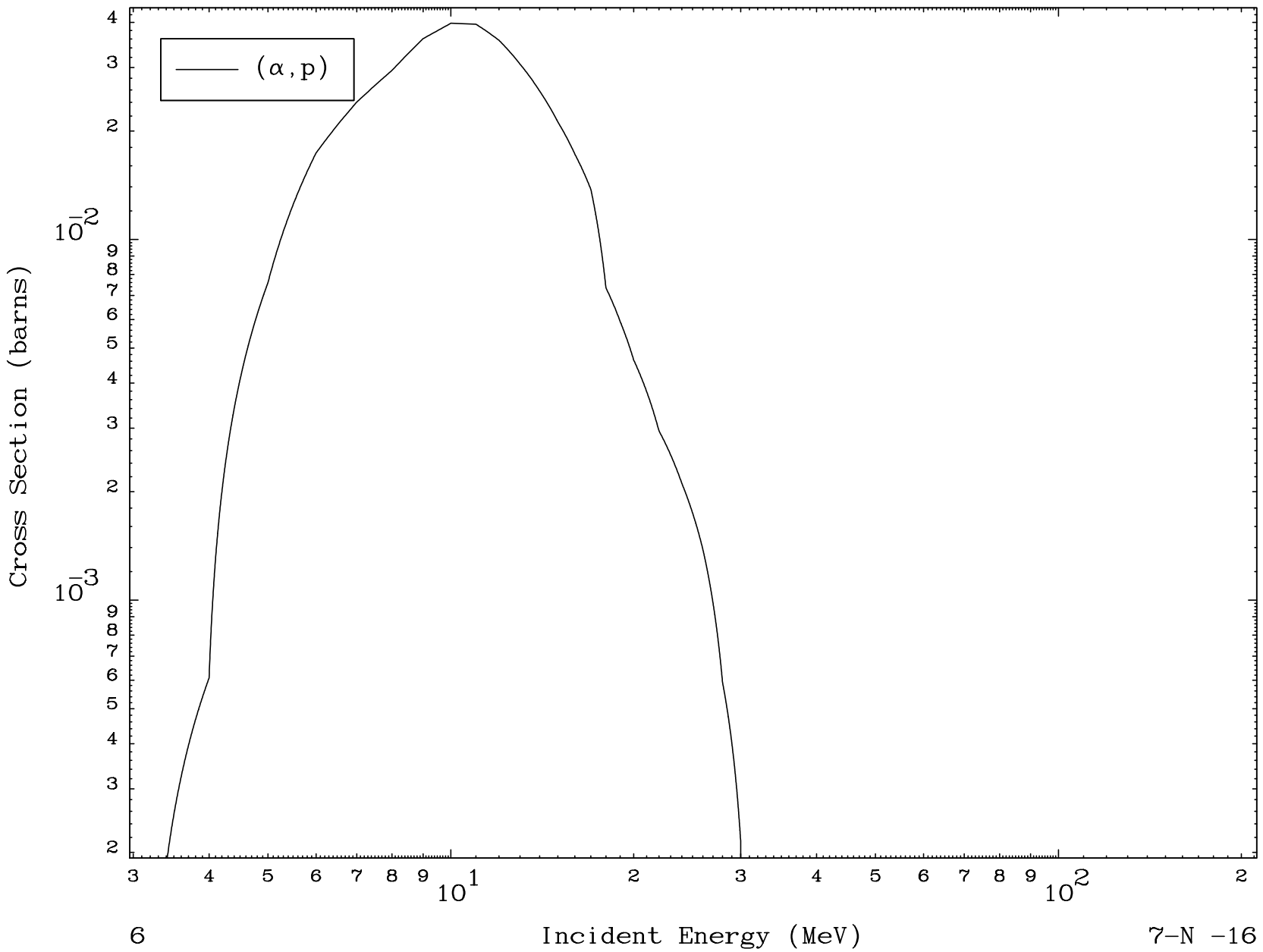

MAT 731
α Major
7-N -16
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
7-N -16

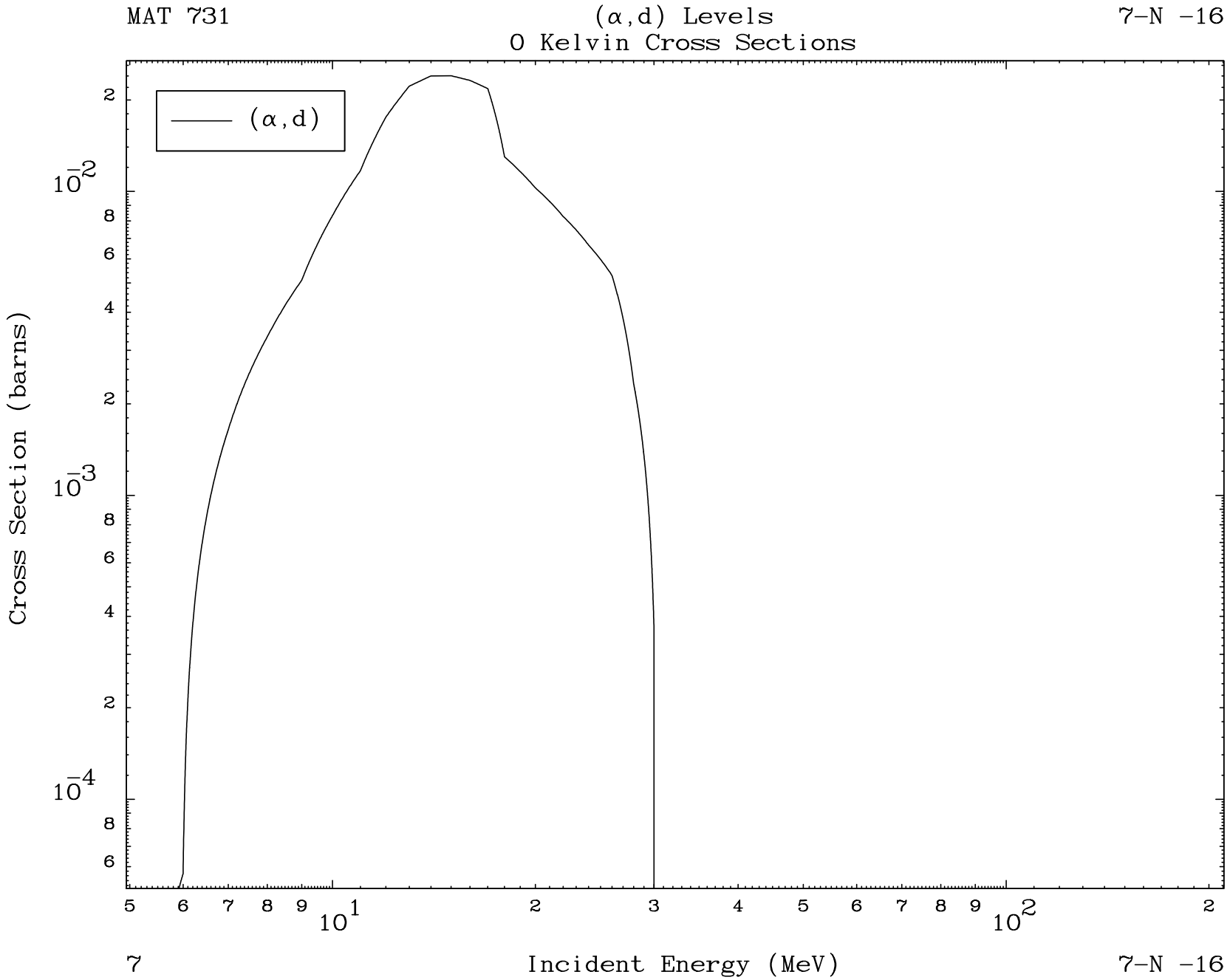

MAT 731
α Neutron Production
0 Kelvin Cross Sections
7-N -16
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p


MAT 731
α Charged Particle
0 Kelvin Cross Sections
7-N -16
Cross Section (barns)
Incident Energy (MeV)
3
7-N -16
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p
(α,p)


MAT 731
α Charged Particle
0 Kelvin Cross Sections
7-N -16
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
7-N -16

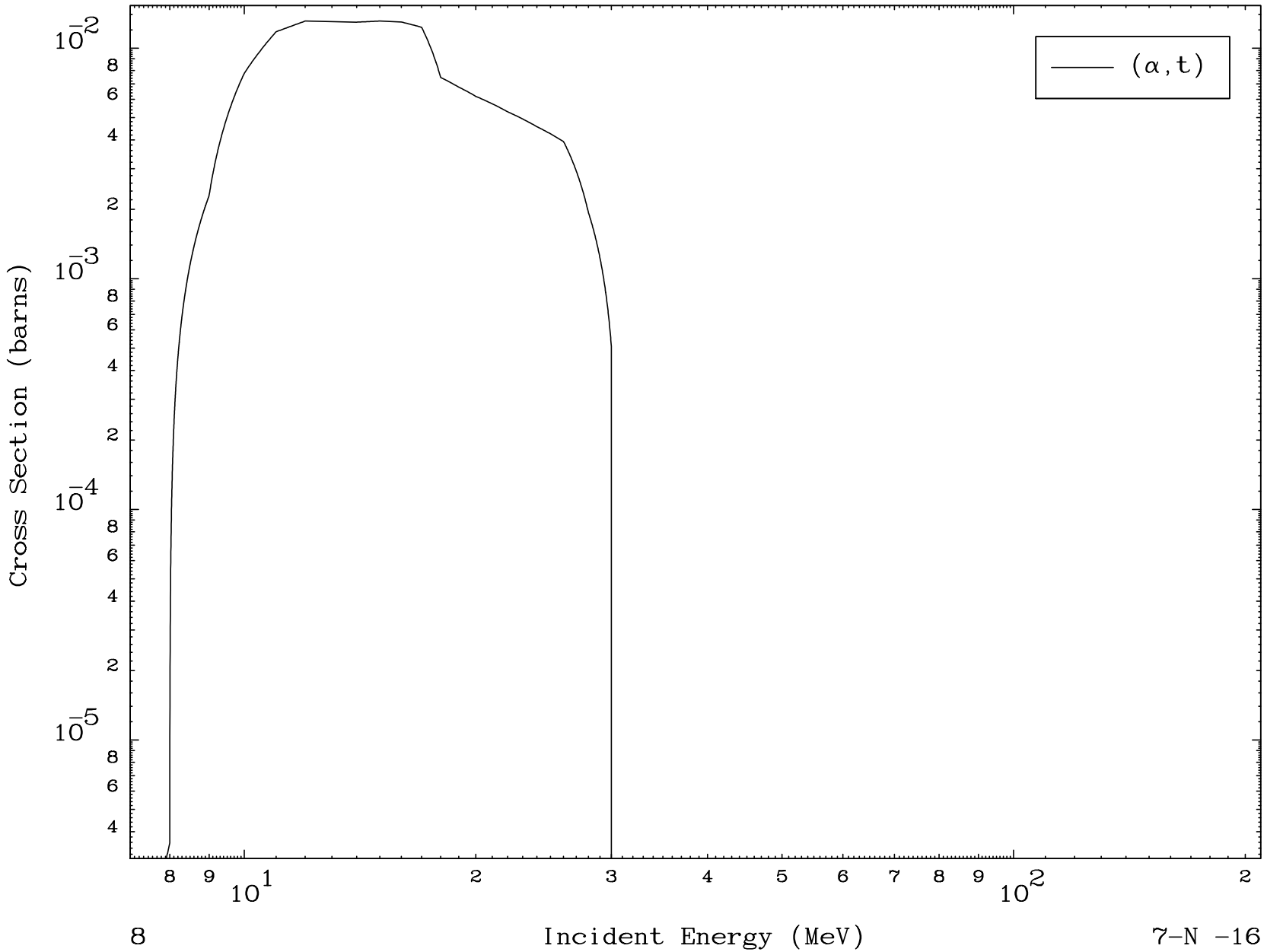

MAT 731
(α,n') Level
7-N -16
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
7-N -16

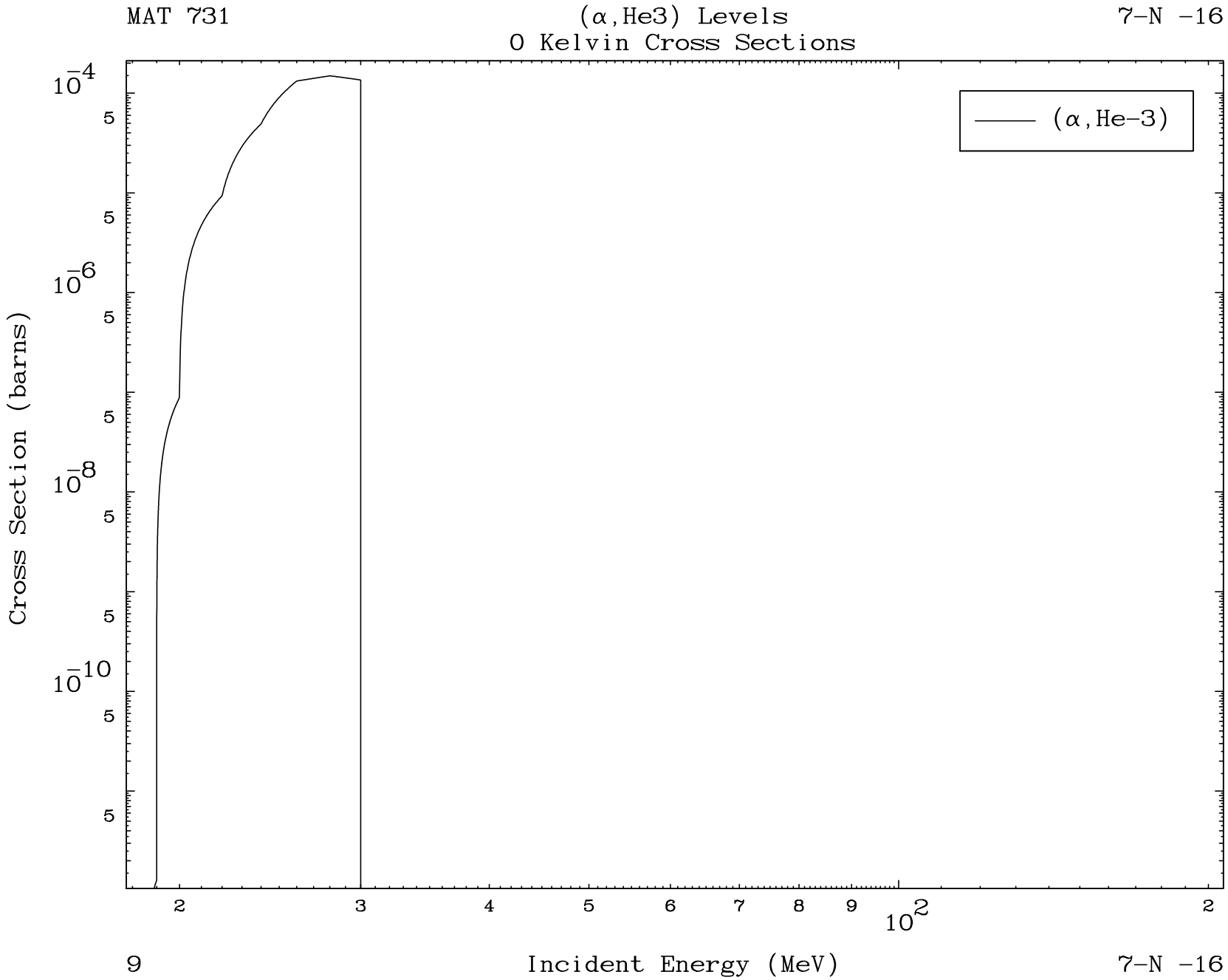

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)

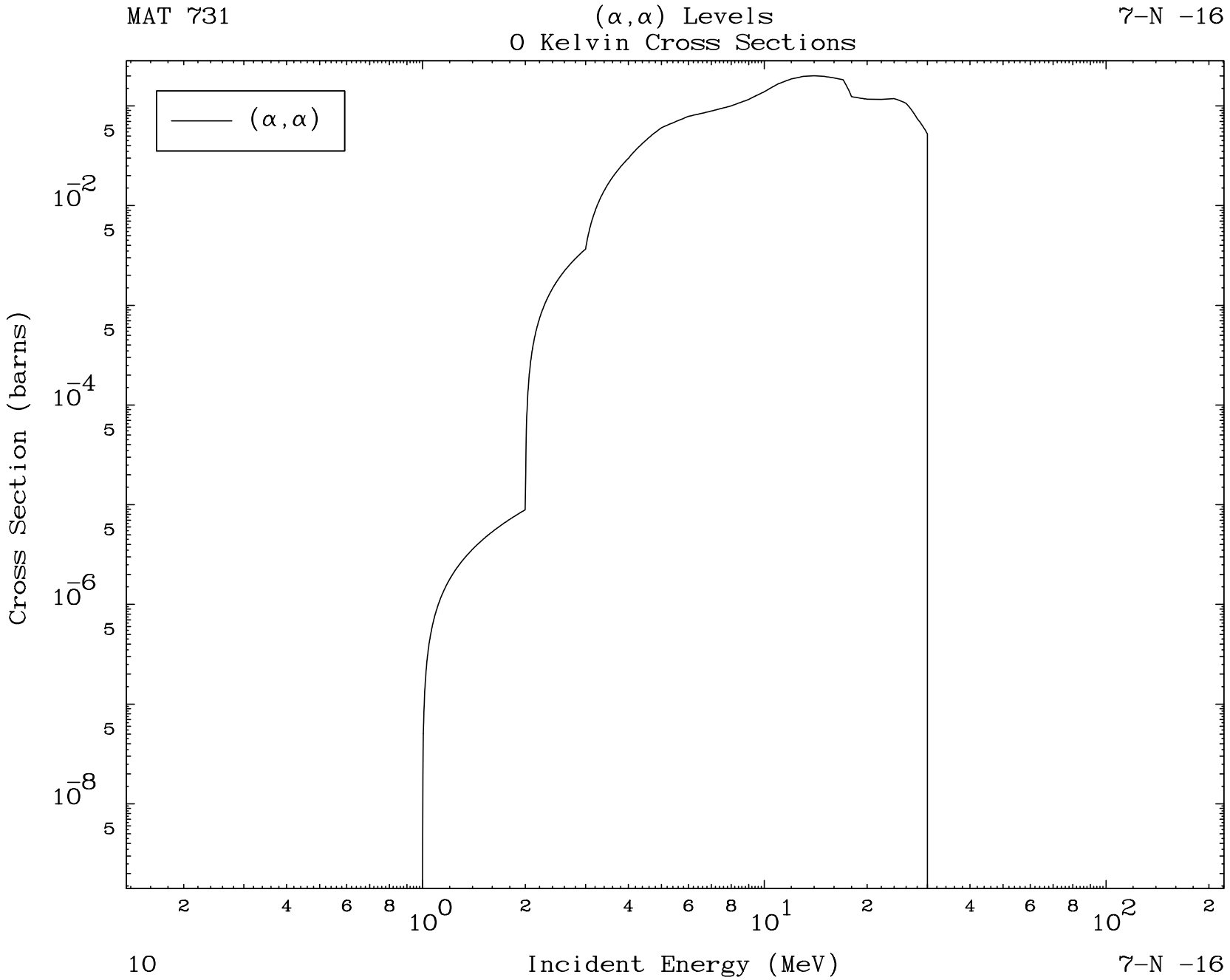

MAT 731
(α,d) Levels
7-N -16
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
7
7-N -16

(α,t) Levels

0 Kelvin Cross Sections




MAT 731
(α,He3) Levels
0 Kelvin Cross Sections
7-N -16
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
7-N -16


MAT 731
(α,α) Levels
7-N -16
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
7-N -16