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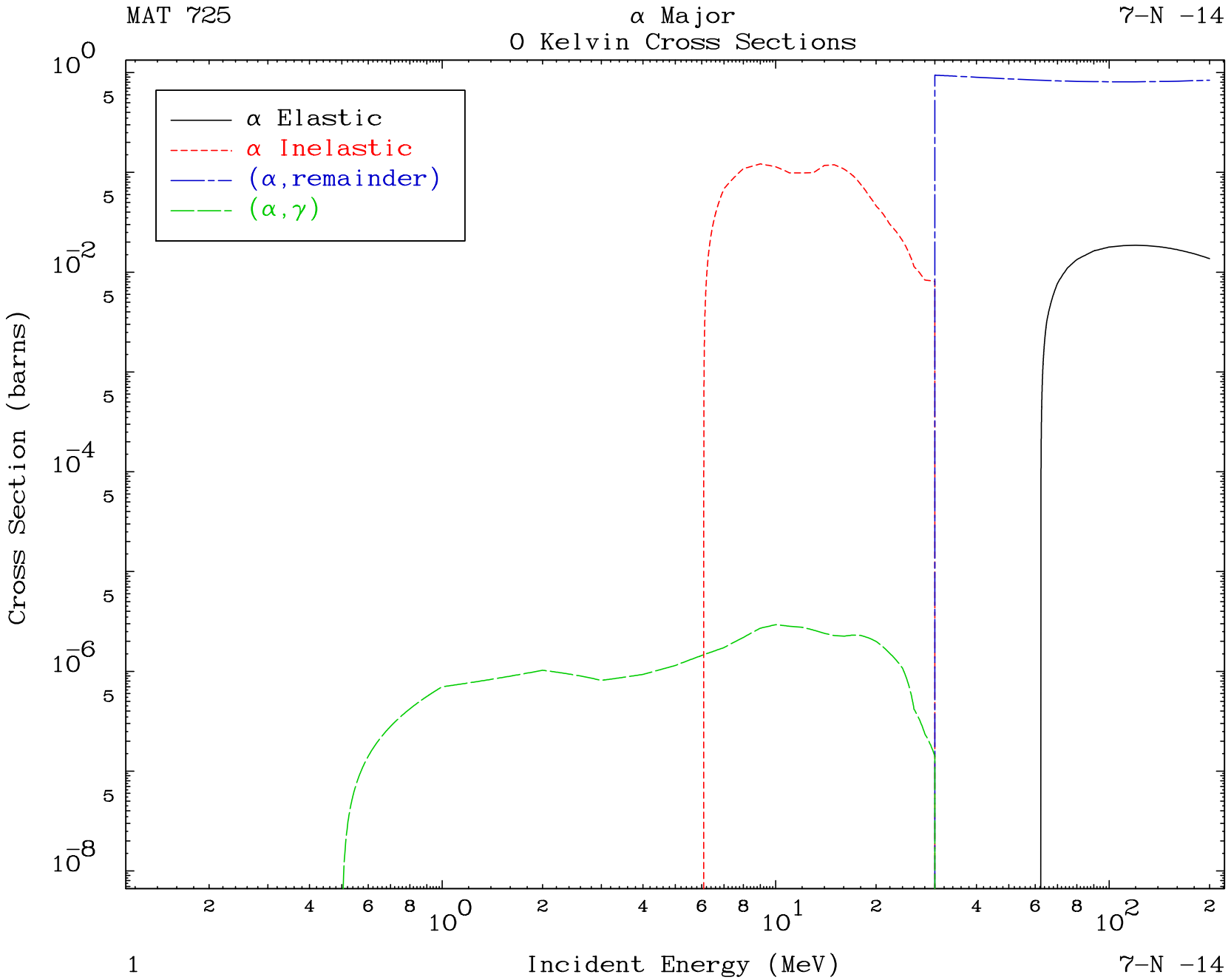
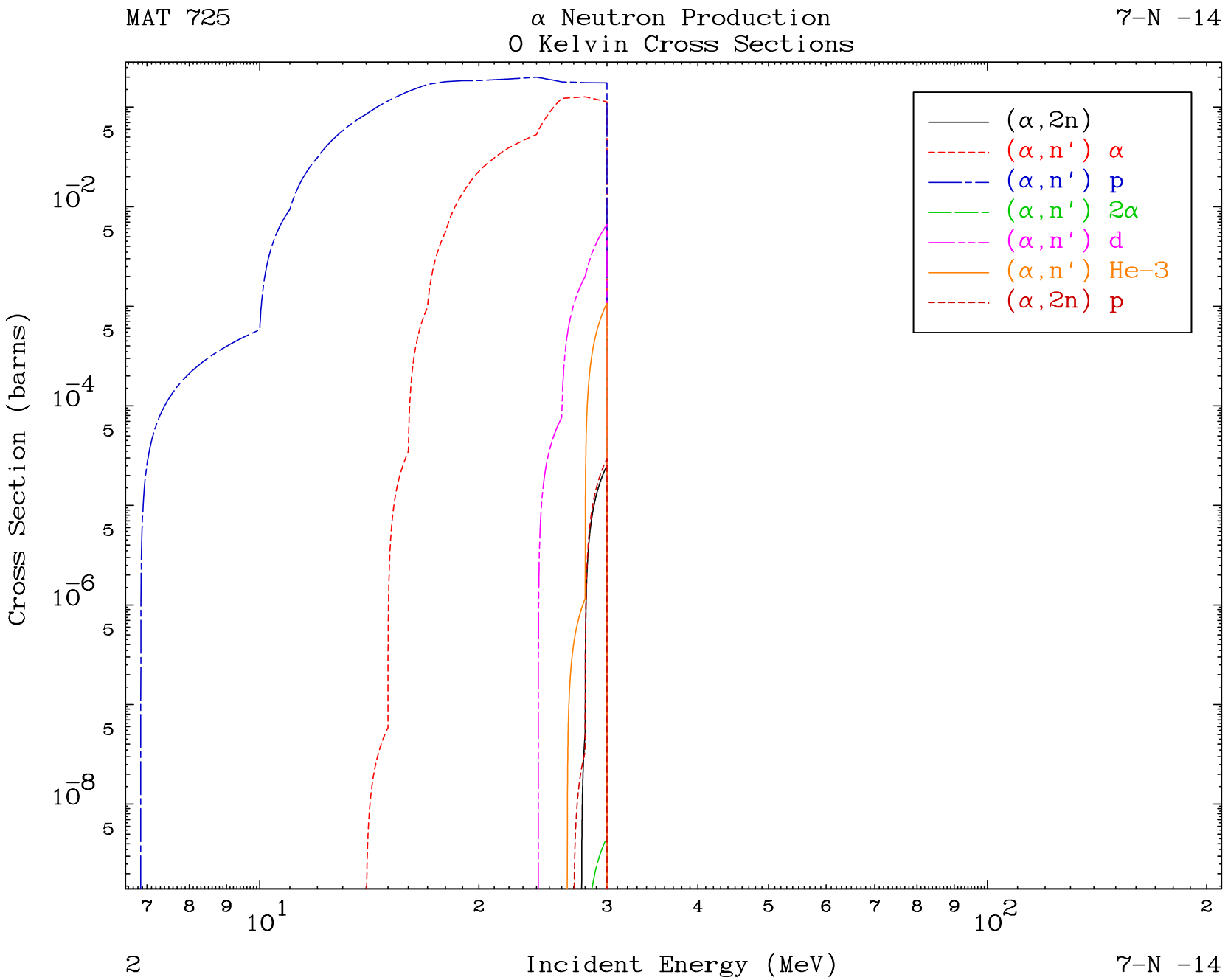
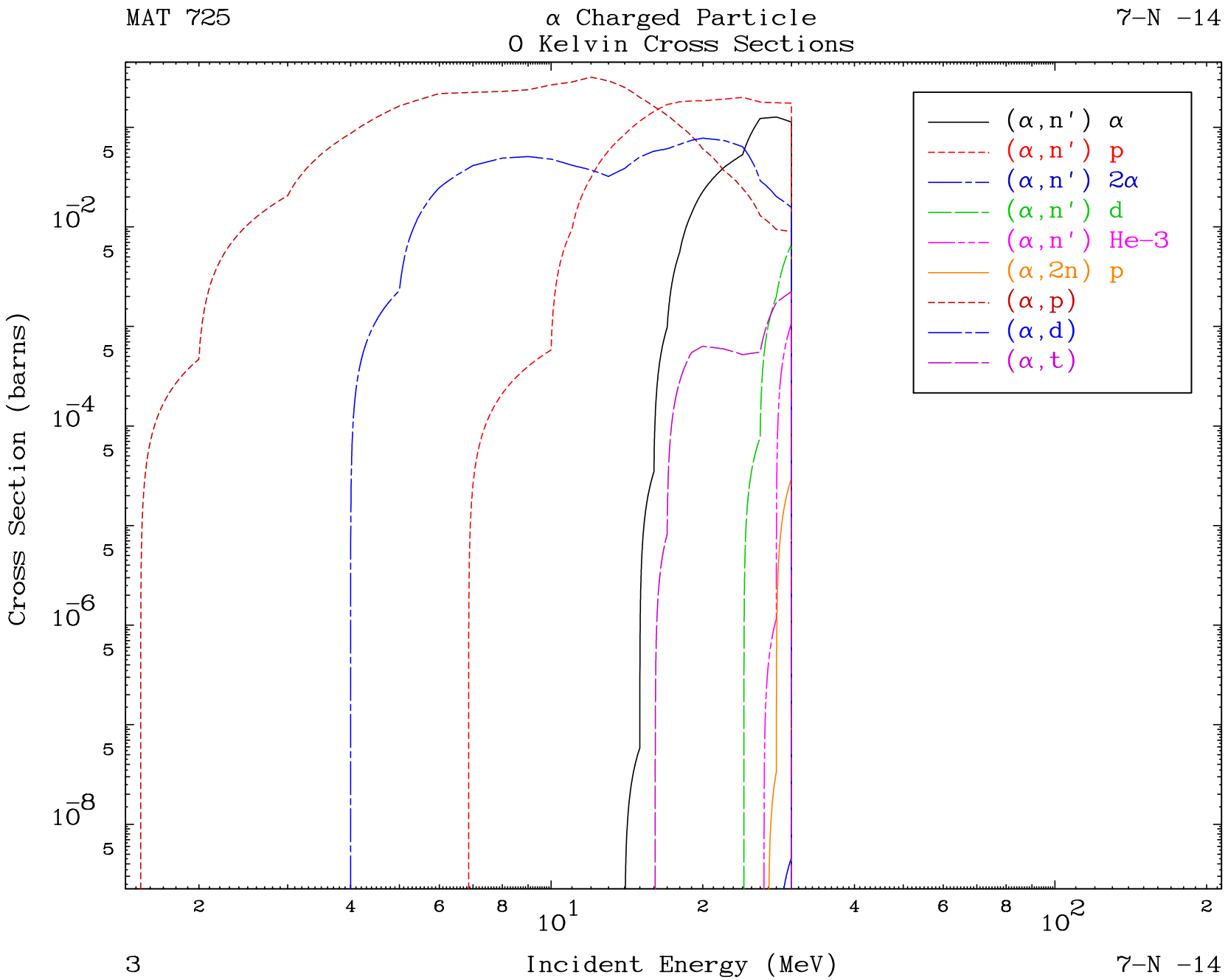
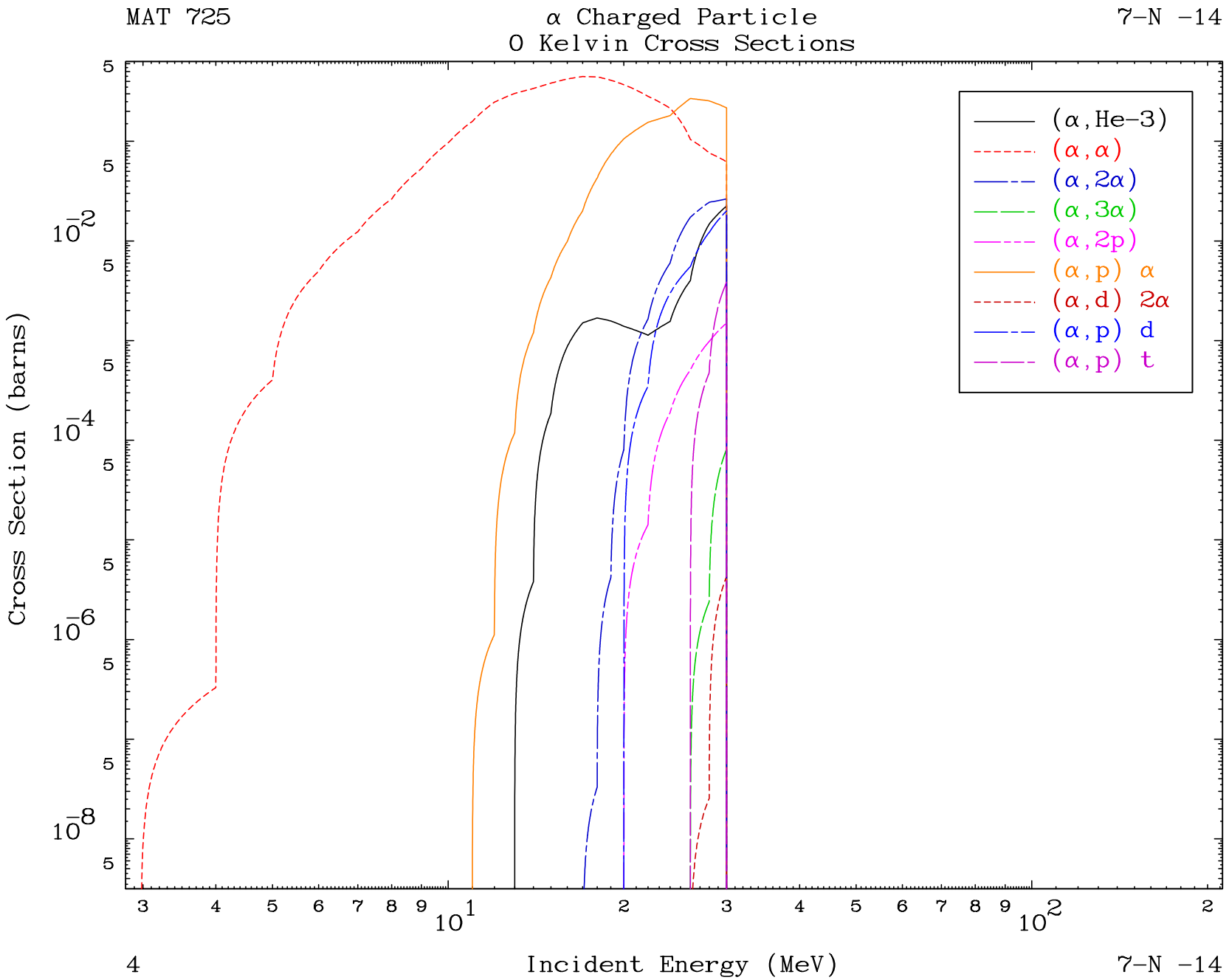
Press Mouse Button to Start

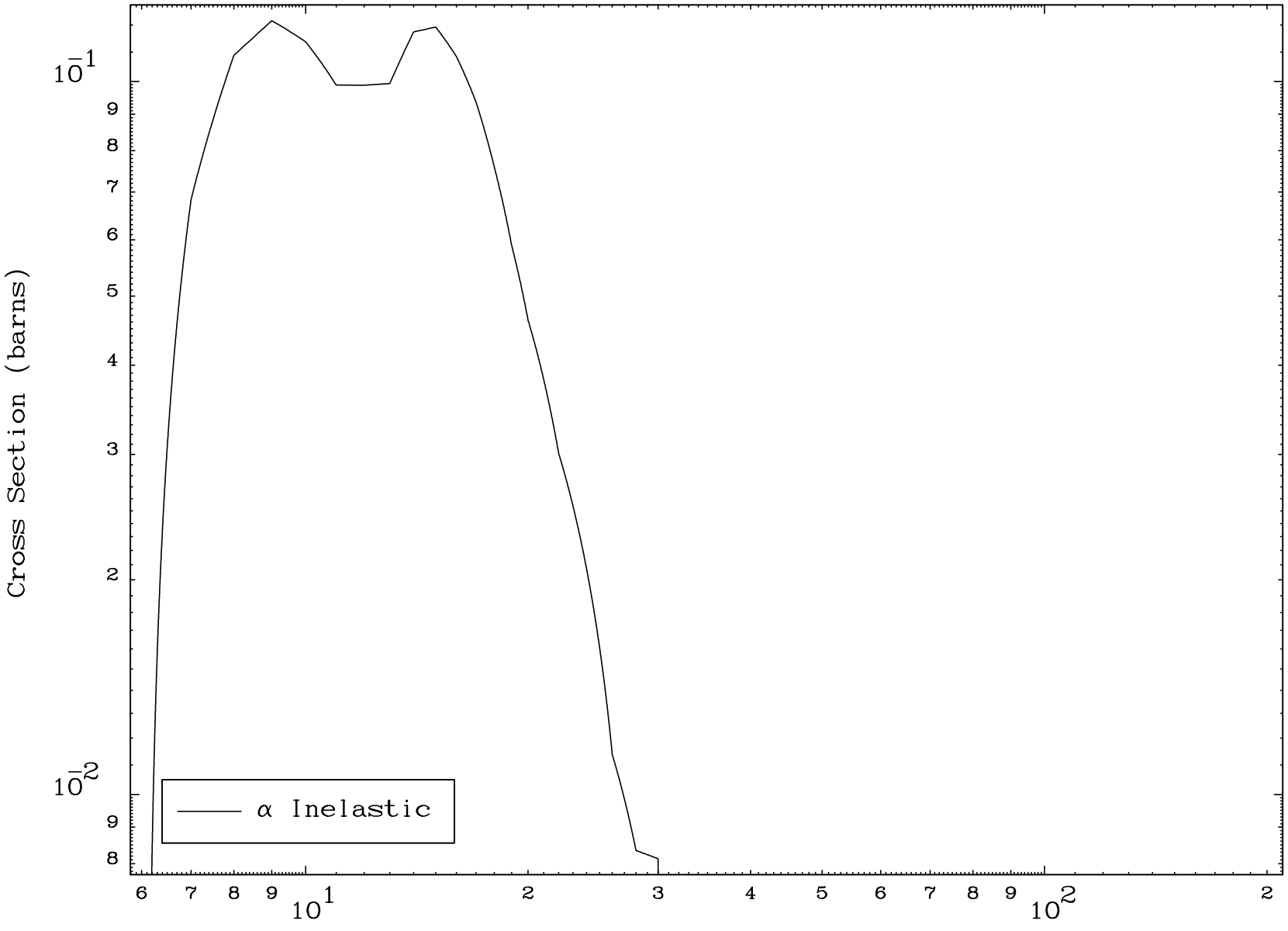

MAT 725
α Major
7-N -14
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
7-N -14

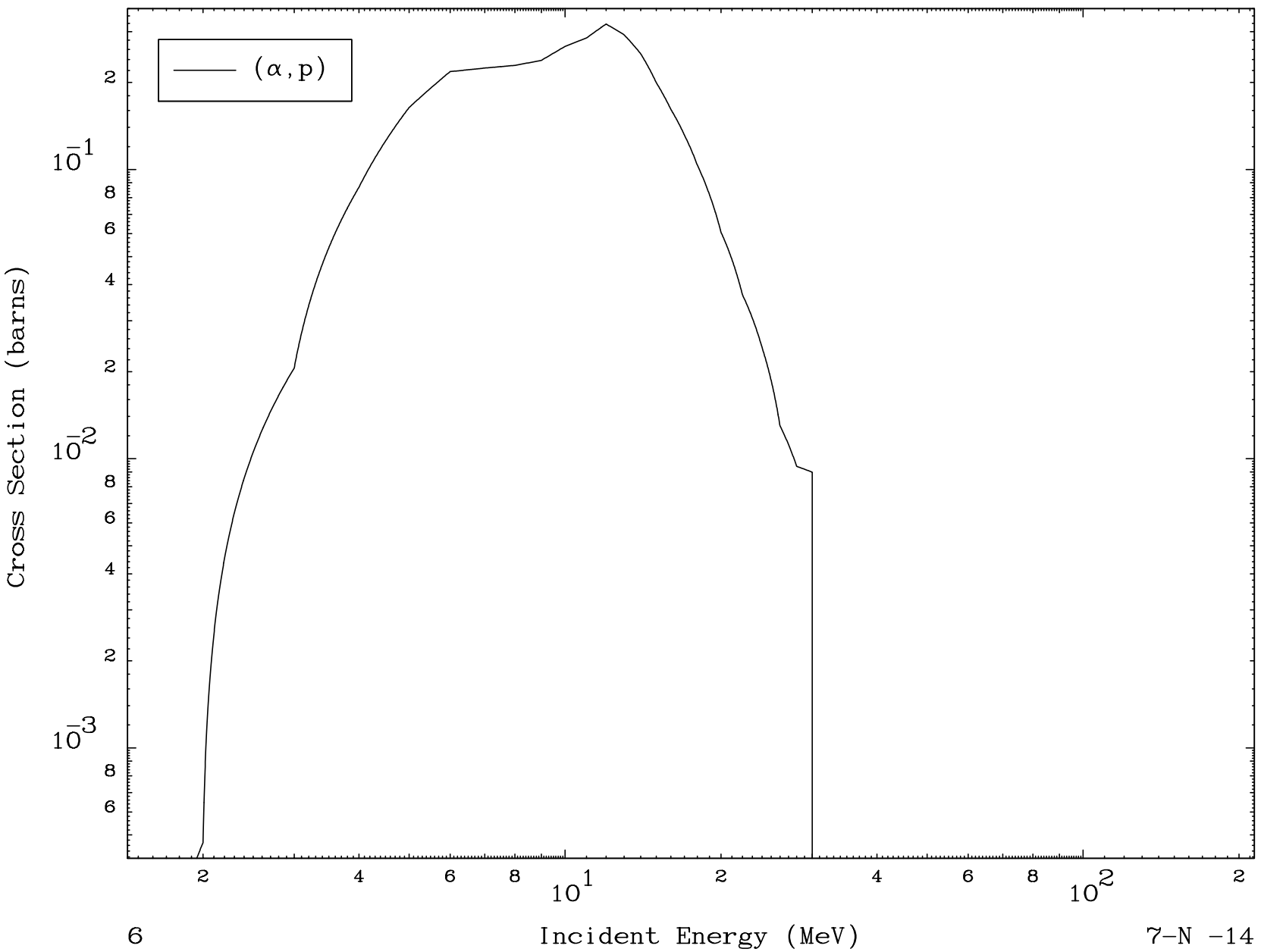

MAT 725
α Neutron Production
0 Kelvin Cross Sections
7-N -14
(α,2n)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
2
7-N -14

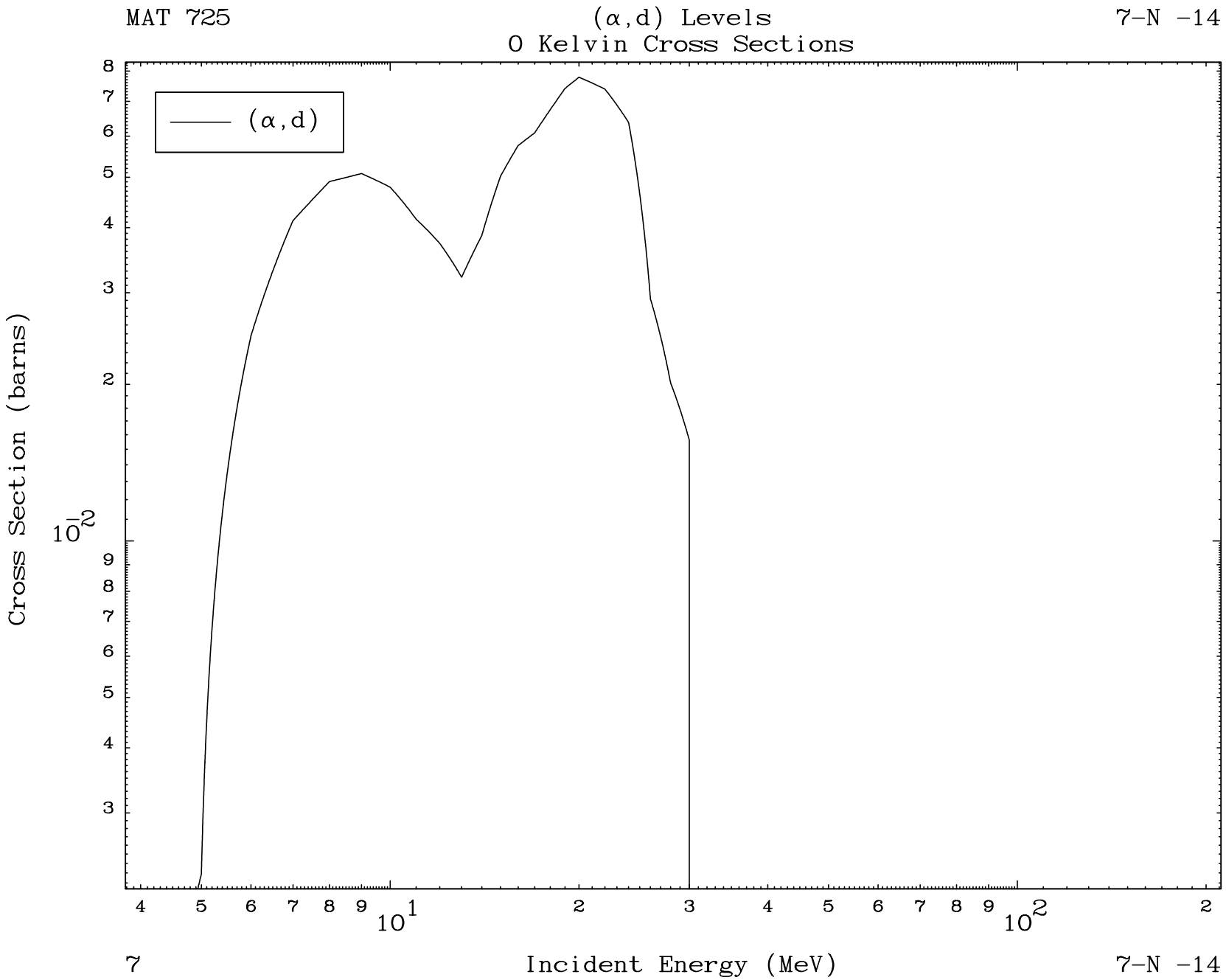

MAT 725
α Charged Particle
0 Kelvin Cross Sections
7-N -14
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
Incident Energy (MeV)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
(α,t)
3
7-N -14

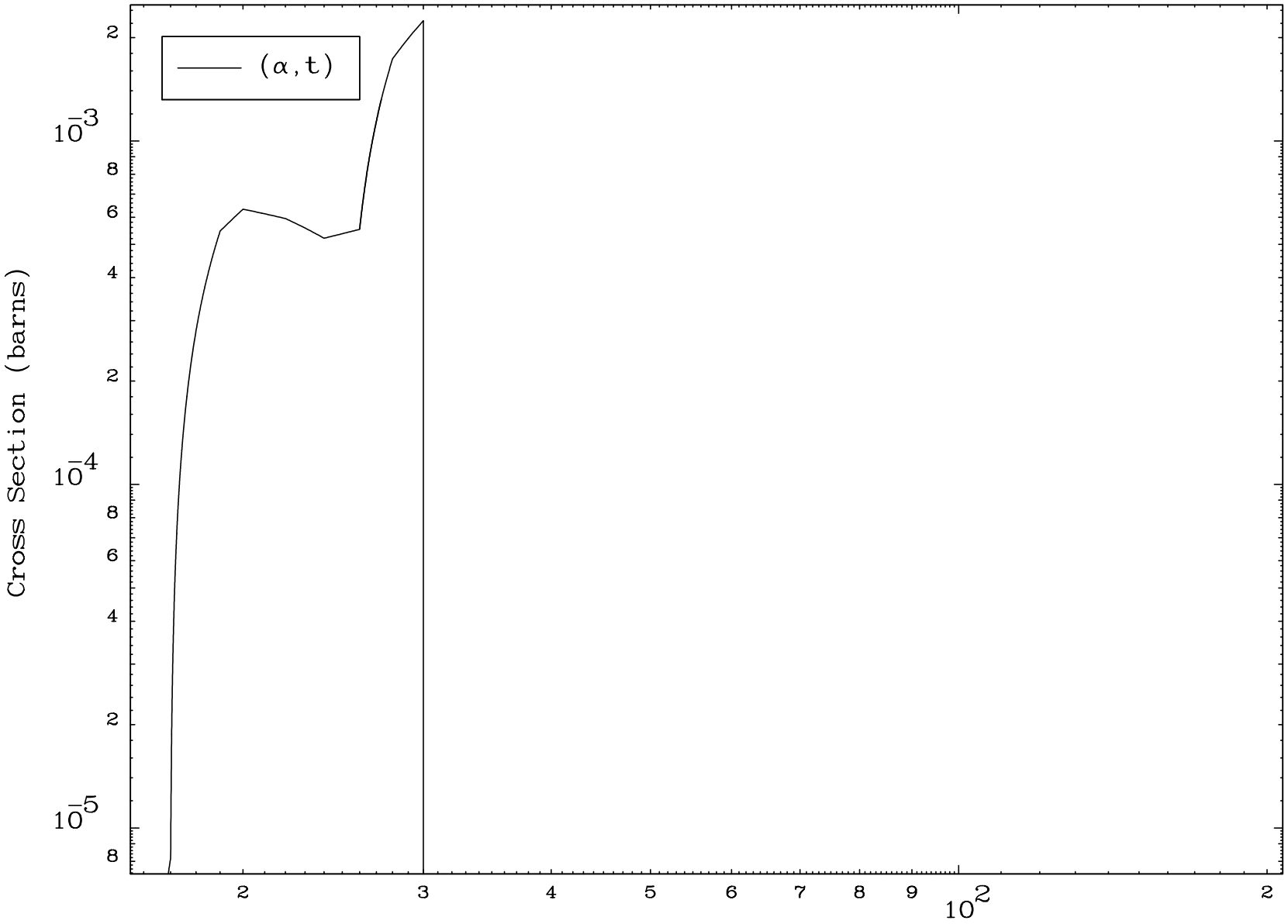

MAT 725
α Charged Particle
0 Kelvin Cross Sections
7-N -14
Cross Section (barns)
Incident Energy (MeV)
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,d) 2α
(α,p) d
(α,p) t
4
7-N -14

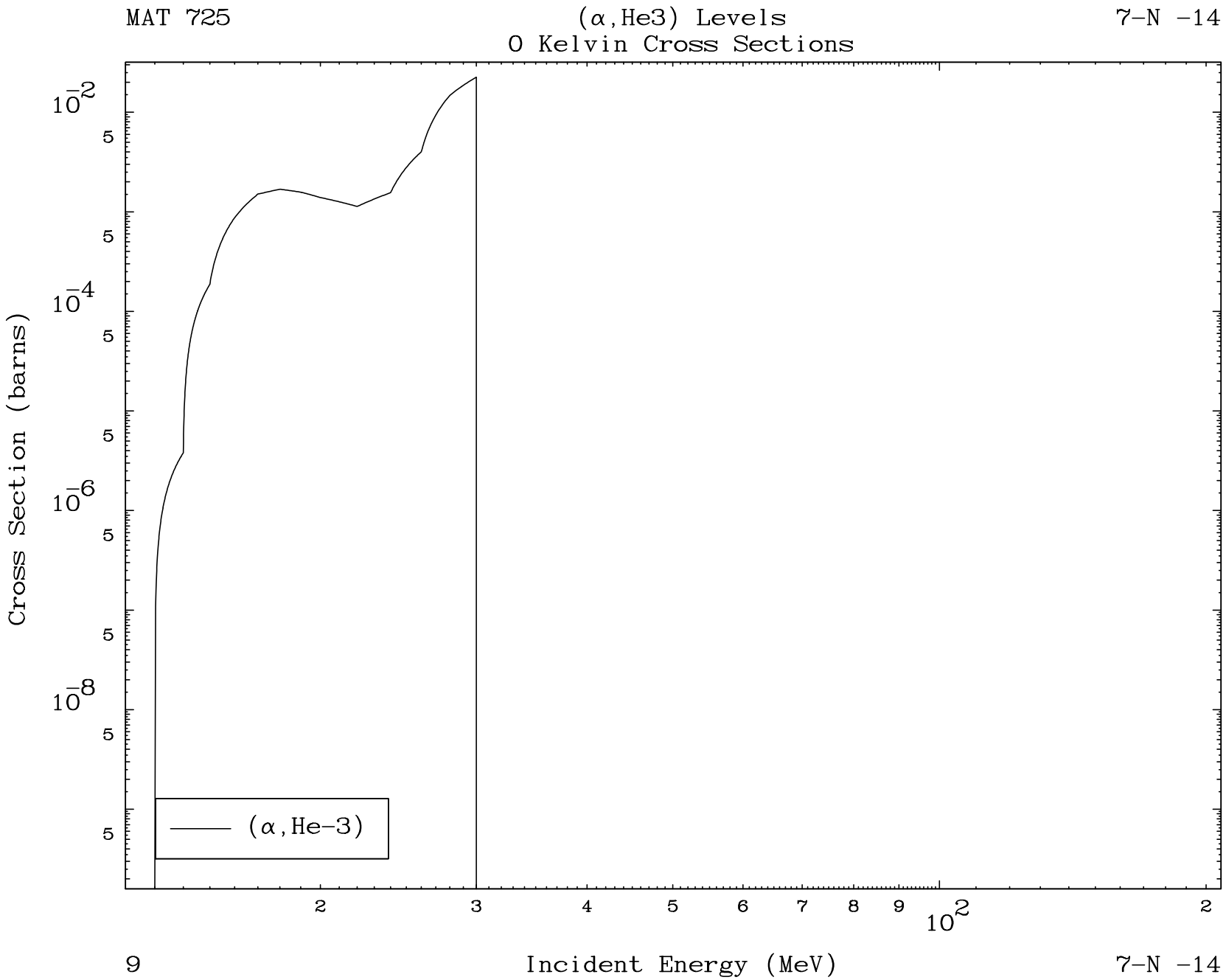
0 Kelvin Cross Sections

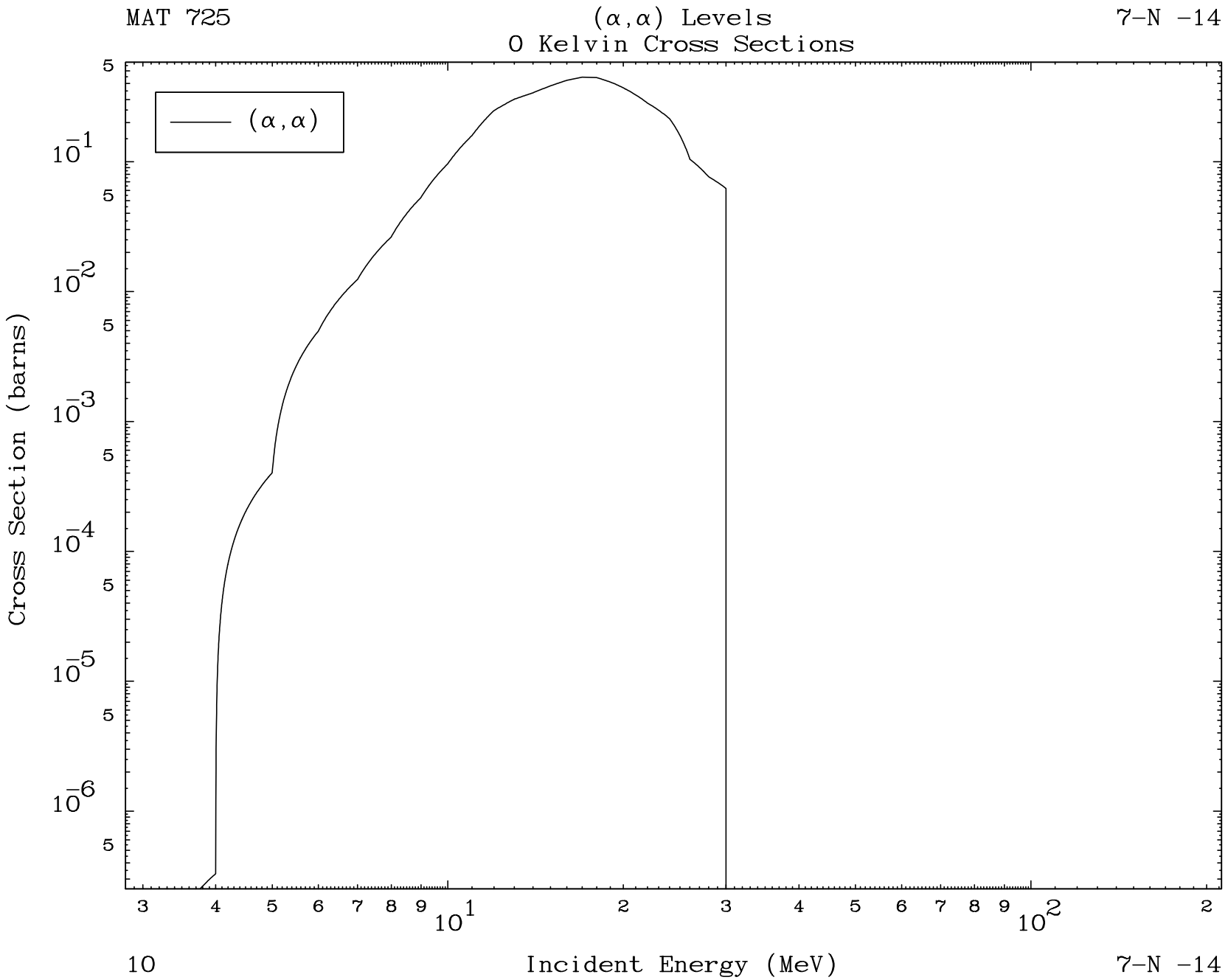



0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)


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


0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-3
10-4
10-5
2
8
6
4
2
8
6
4
2
8
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


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


MAT 725
(α,α) Levels
7-N -14
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
10
7-N -14