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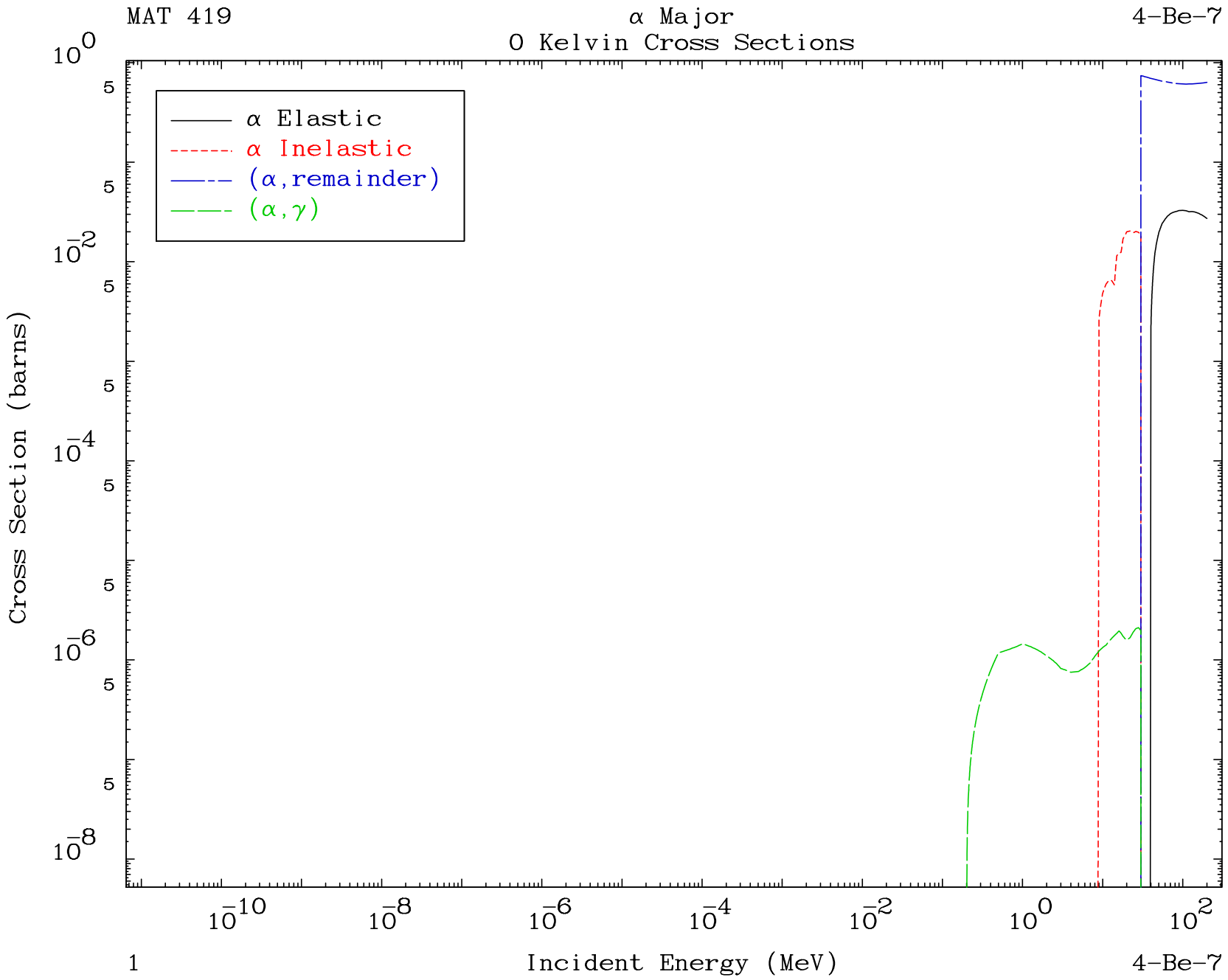
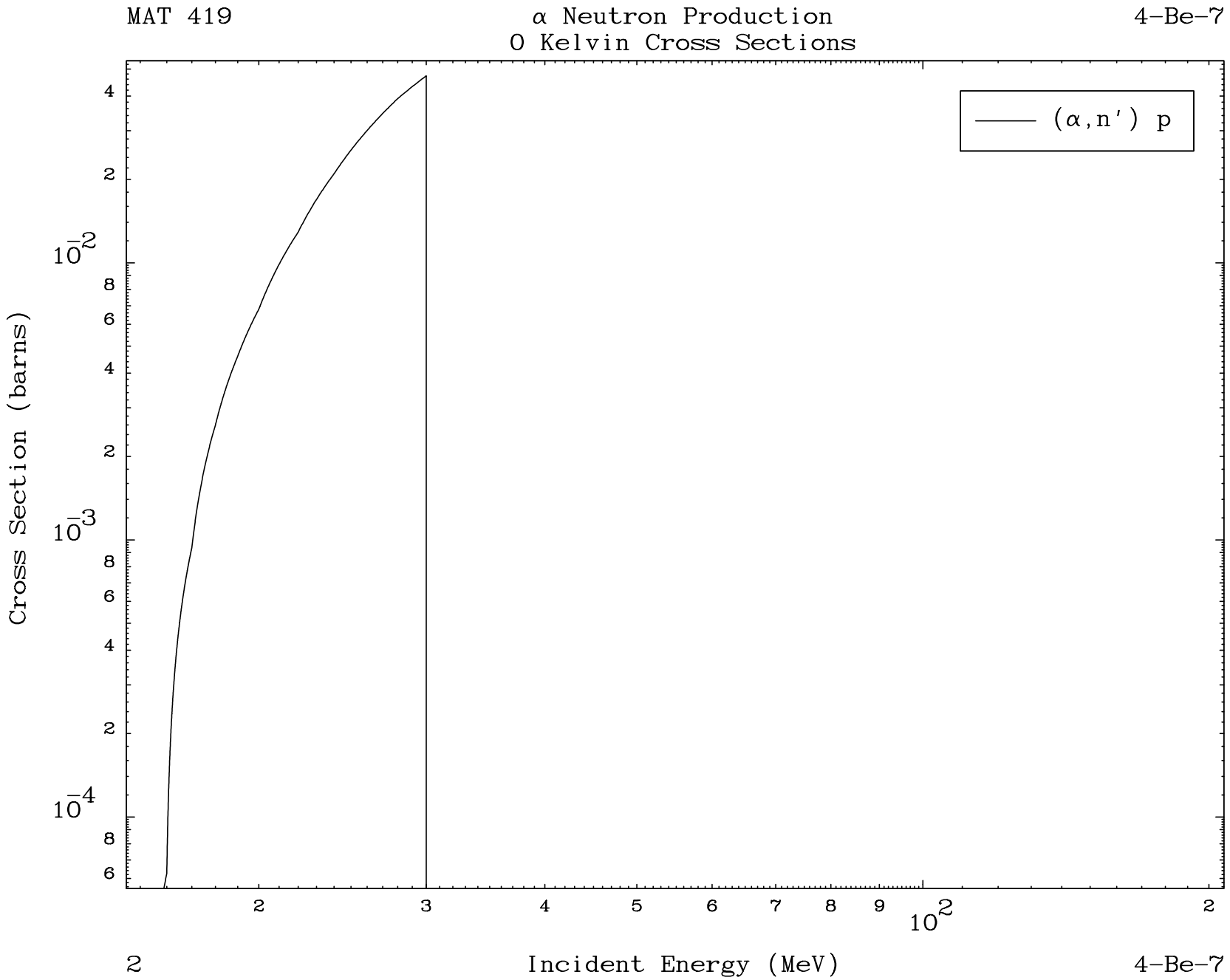
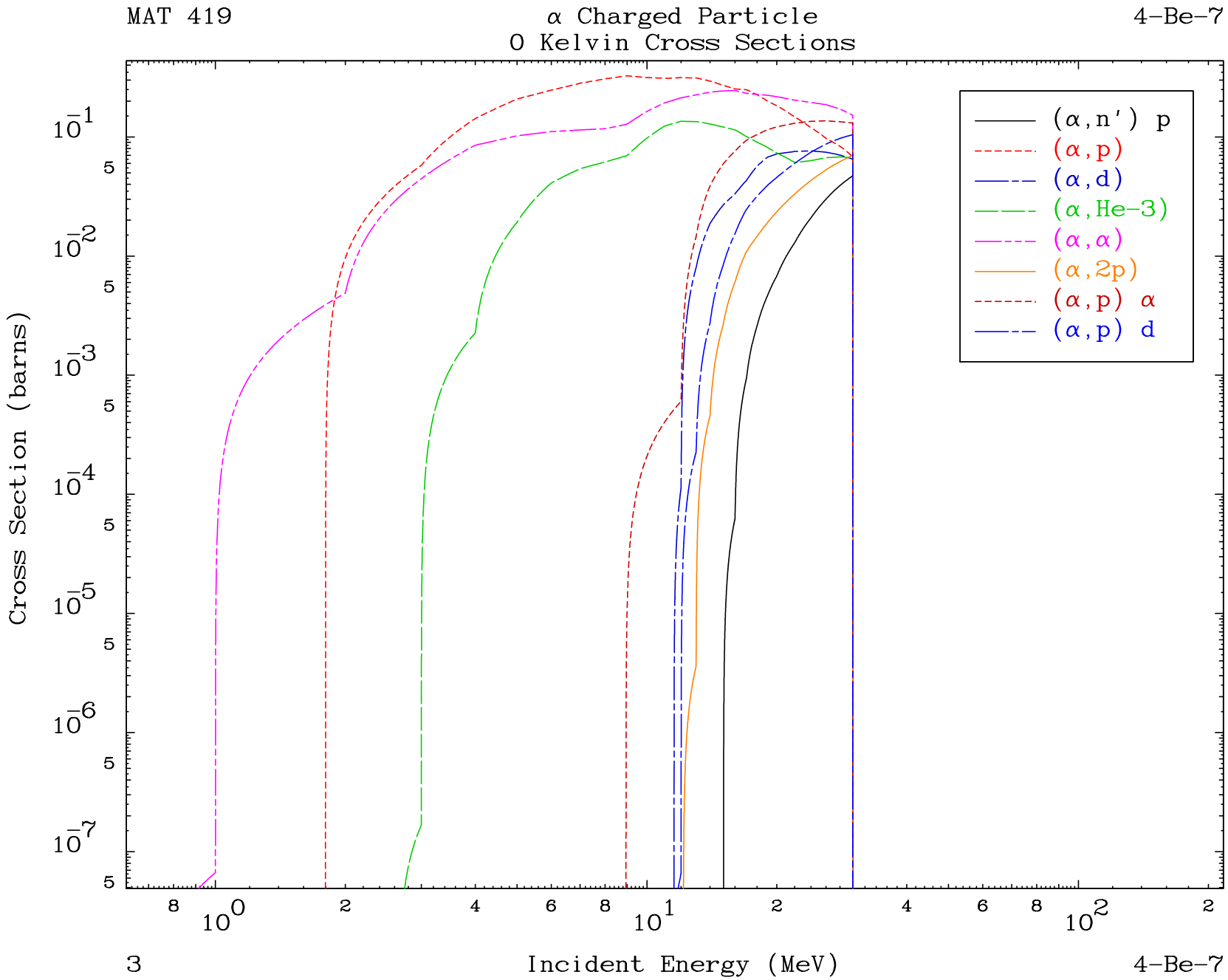
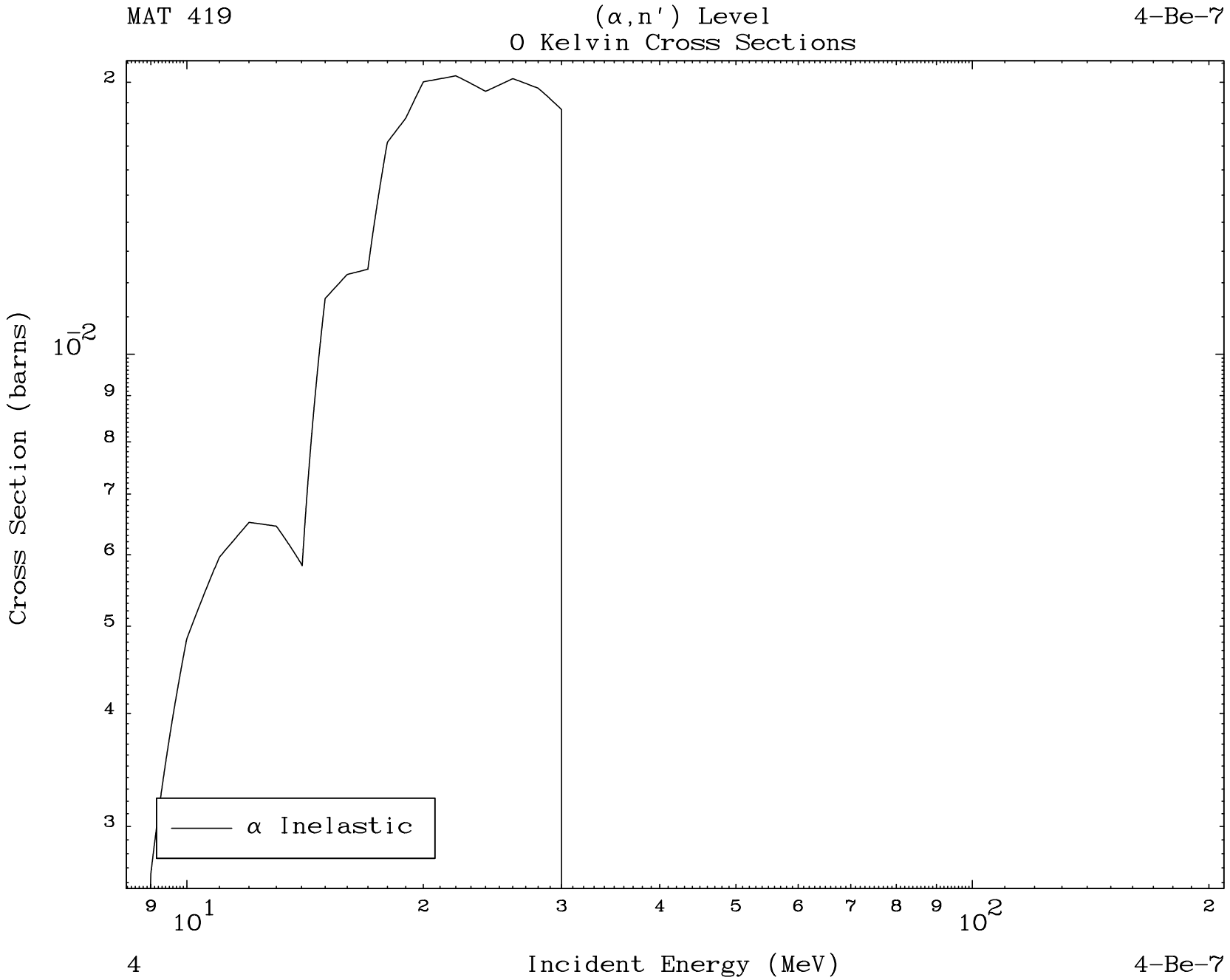
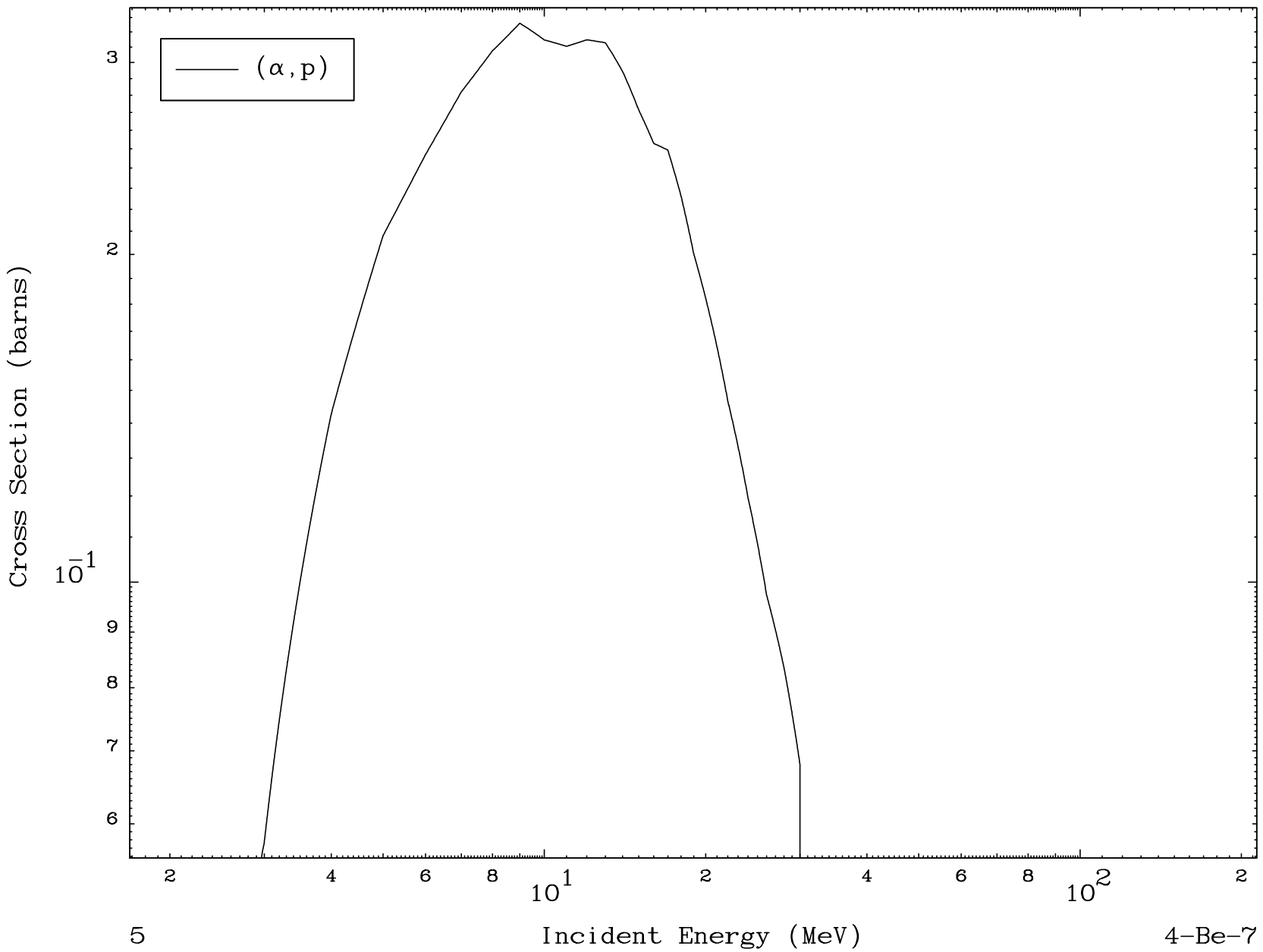
Press Mouse Button to Start

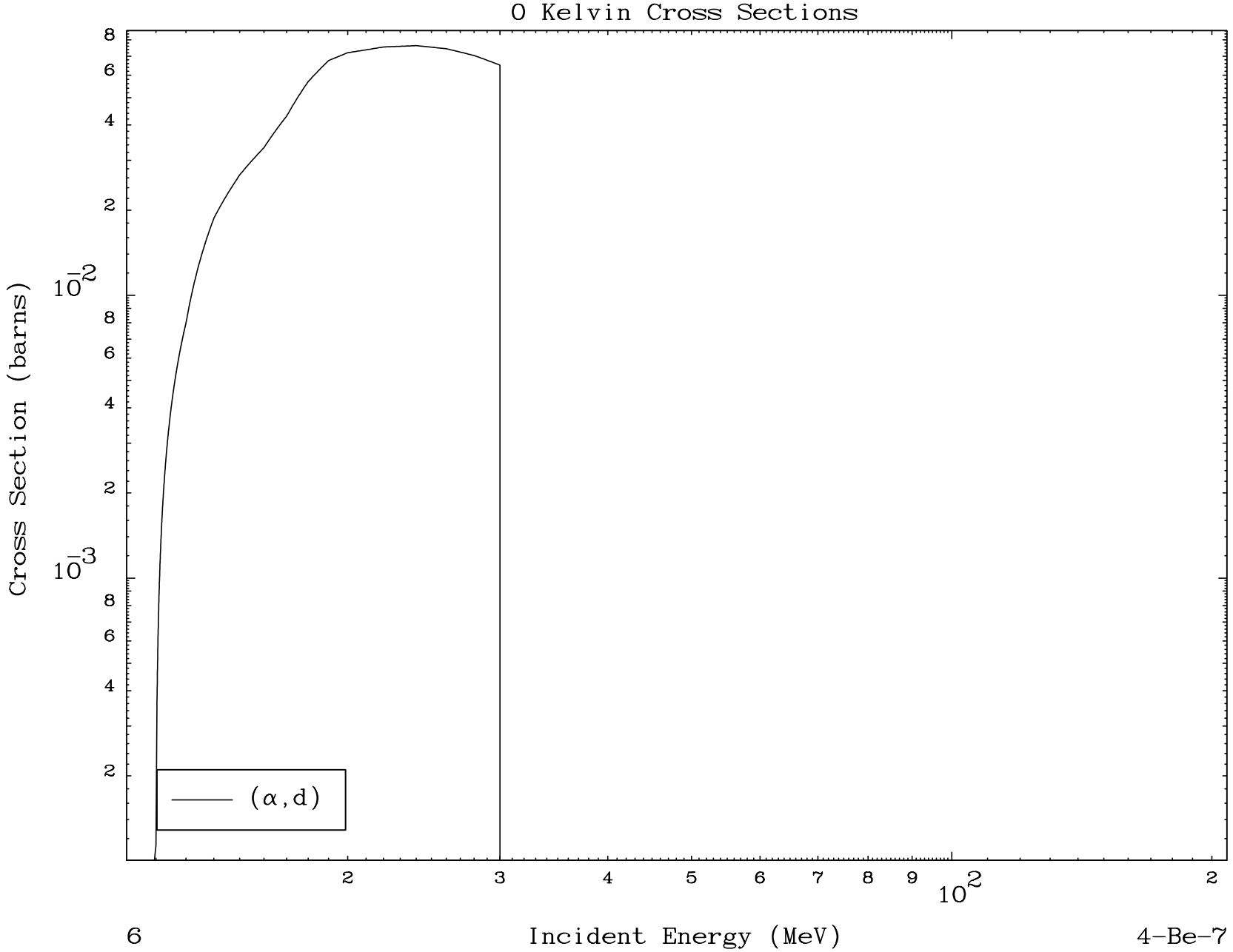

MAT 419
α Major
4-Be-7
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
4-Be-7

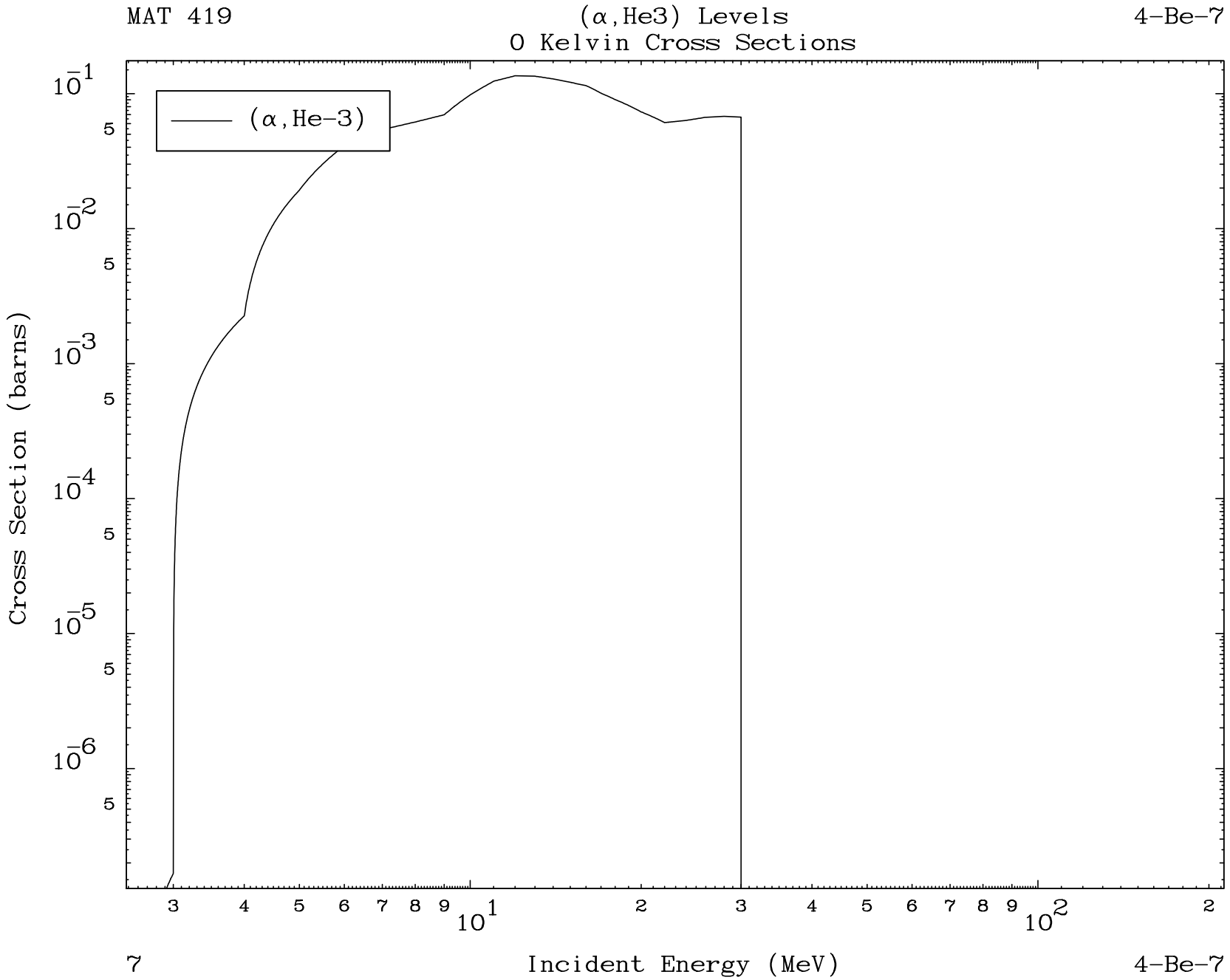

MAT 419
α Neutron Production
0 Kelvin Cross Sections
4-Be-7
(α,n') p
Cross Section (barns)
Incident Energy (MeV)
2
4-Be-7

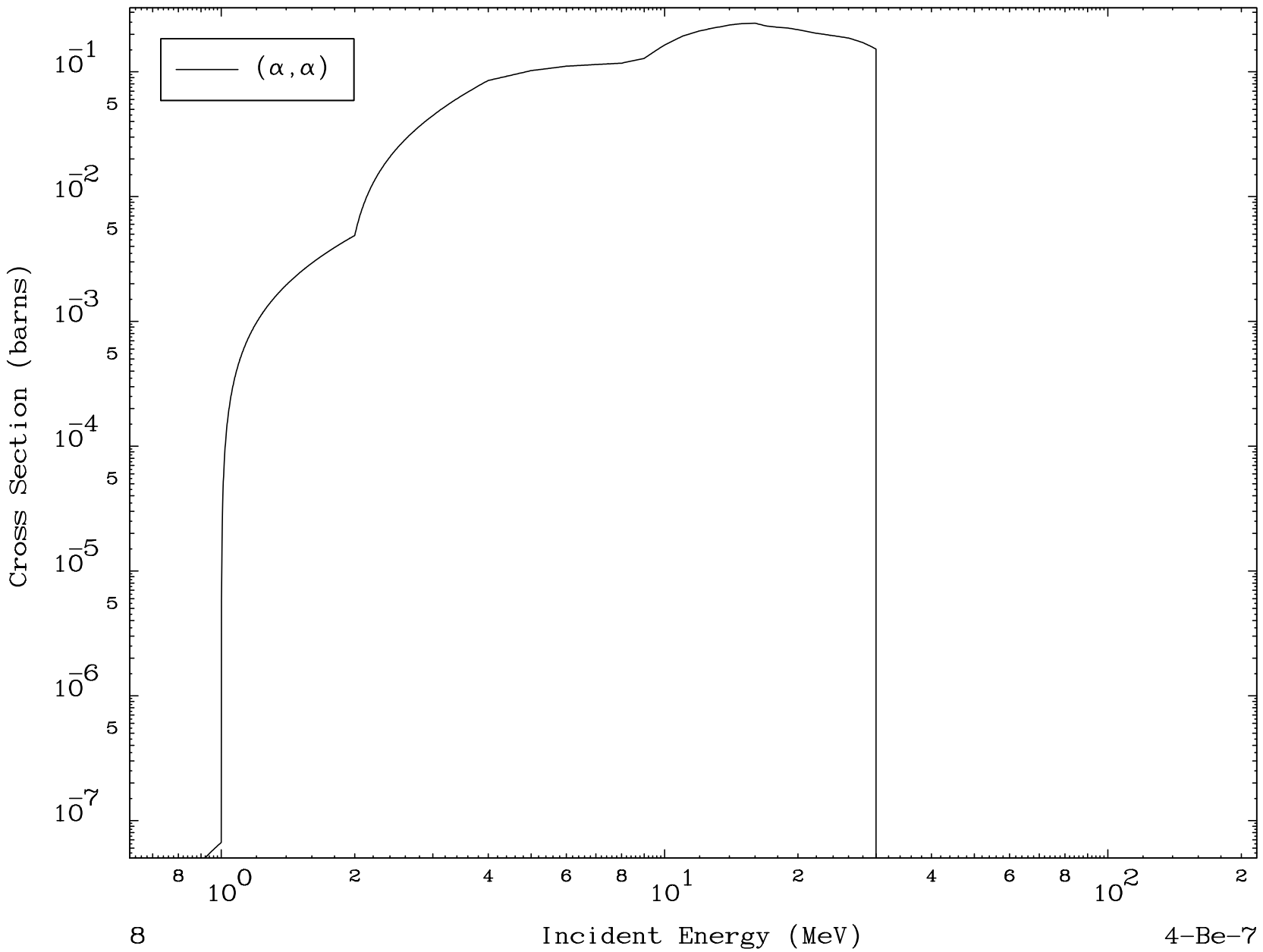

MAT 419
α Charged Particle
0 Kelvin Cross Sections
4-Be-7
Cross Section (barns)
Incident Energy (MeV)
(α,n') p
(α,p)
(α,d)
(α,He-3)
(α,α)
(α,2p)
(α,p) α
(α,p) d
3
4-Be-7


MAT 419
(α,n') Level
4-Be-7
0 Kelvin Cross Sections
Cross Section (barns)
10^1
2
9
8
7
6
5
4
3
α Inelastic
9
10^1
2
3
4
5
6
7
8
9
10^2
2
4
Incident Energy (MeV)
4-Be-7


0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
3
2
10^-1
9
8
7
6
2
4
6
8
10^1
2
4
6
8
10^2
2
Incident Energy (MeV)


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


MAT 419
(α,He3) Levels
4-Be-7
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
7
4-Be-7


0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
10-7
5
8
100
2
4
6
8
101
2
4
6
8
102
2
Incident Energy (MeV)