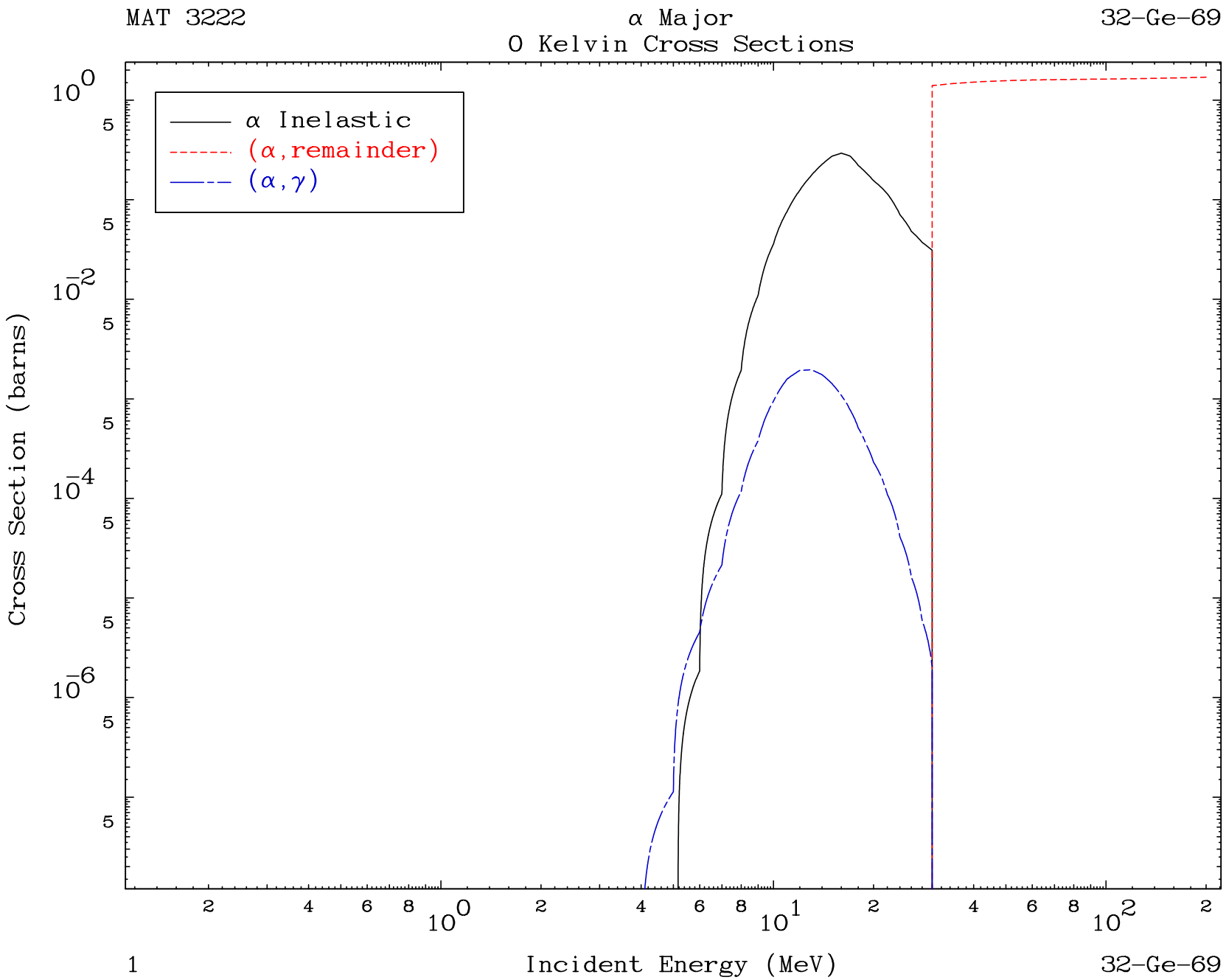
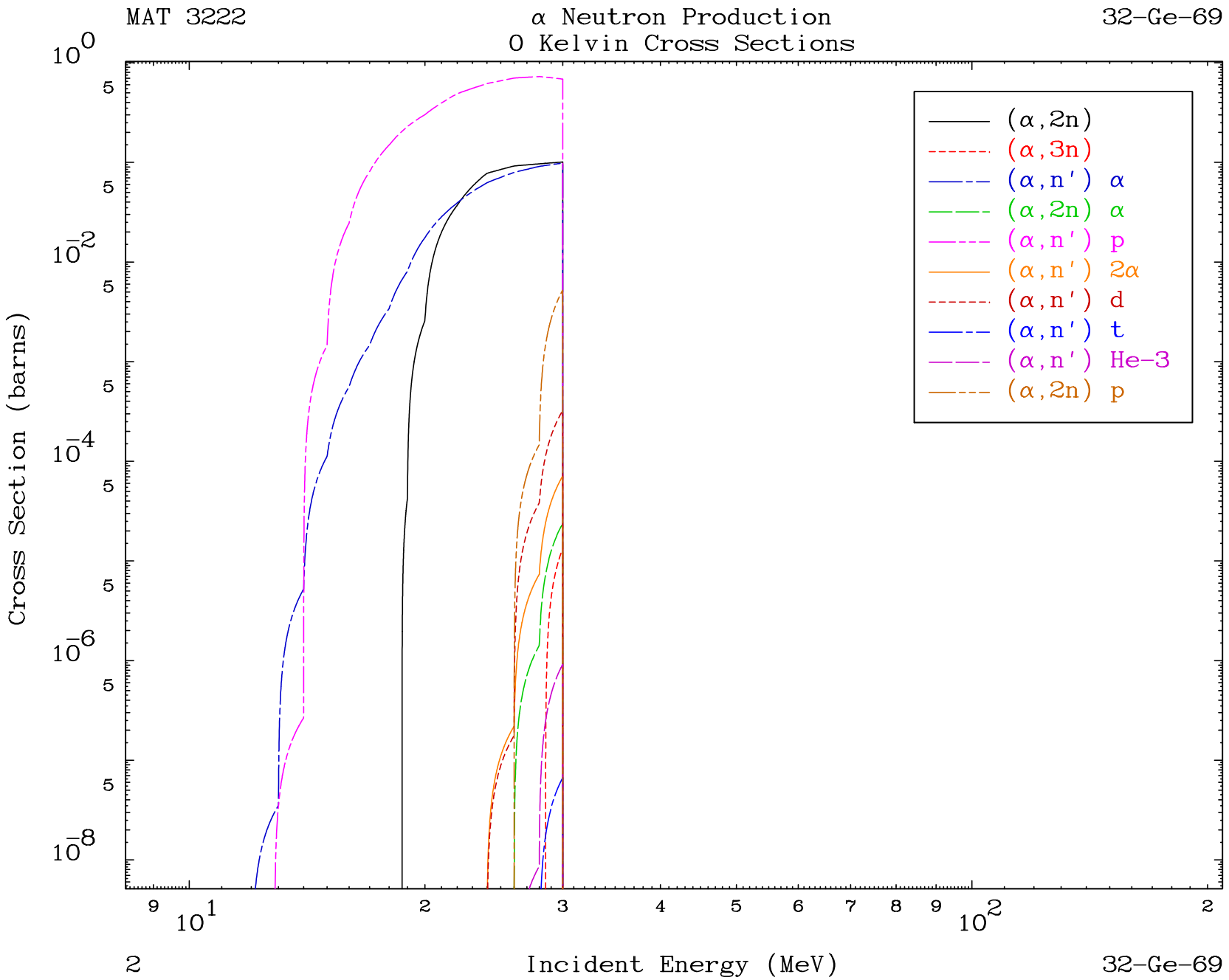
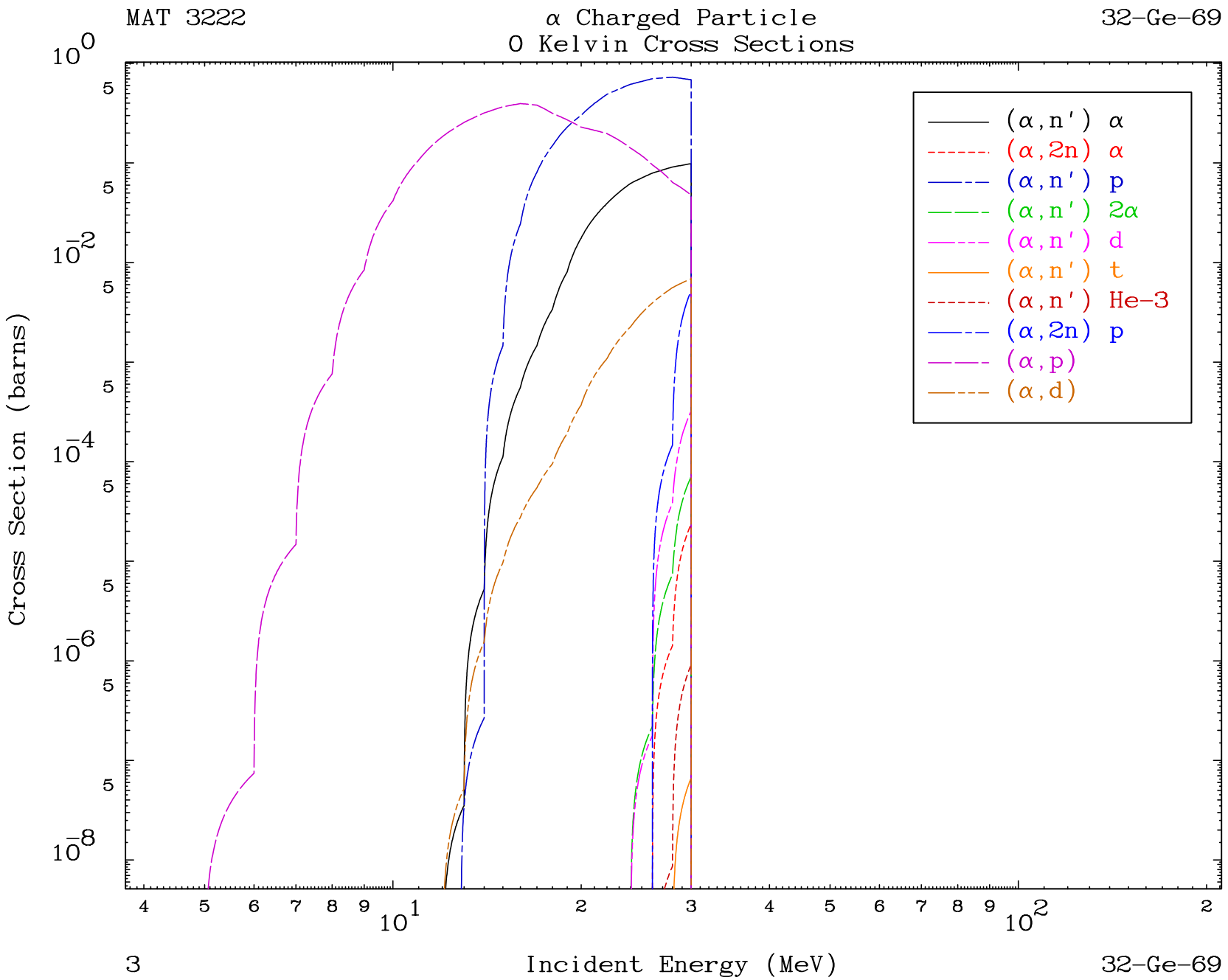
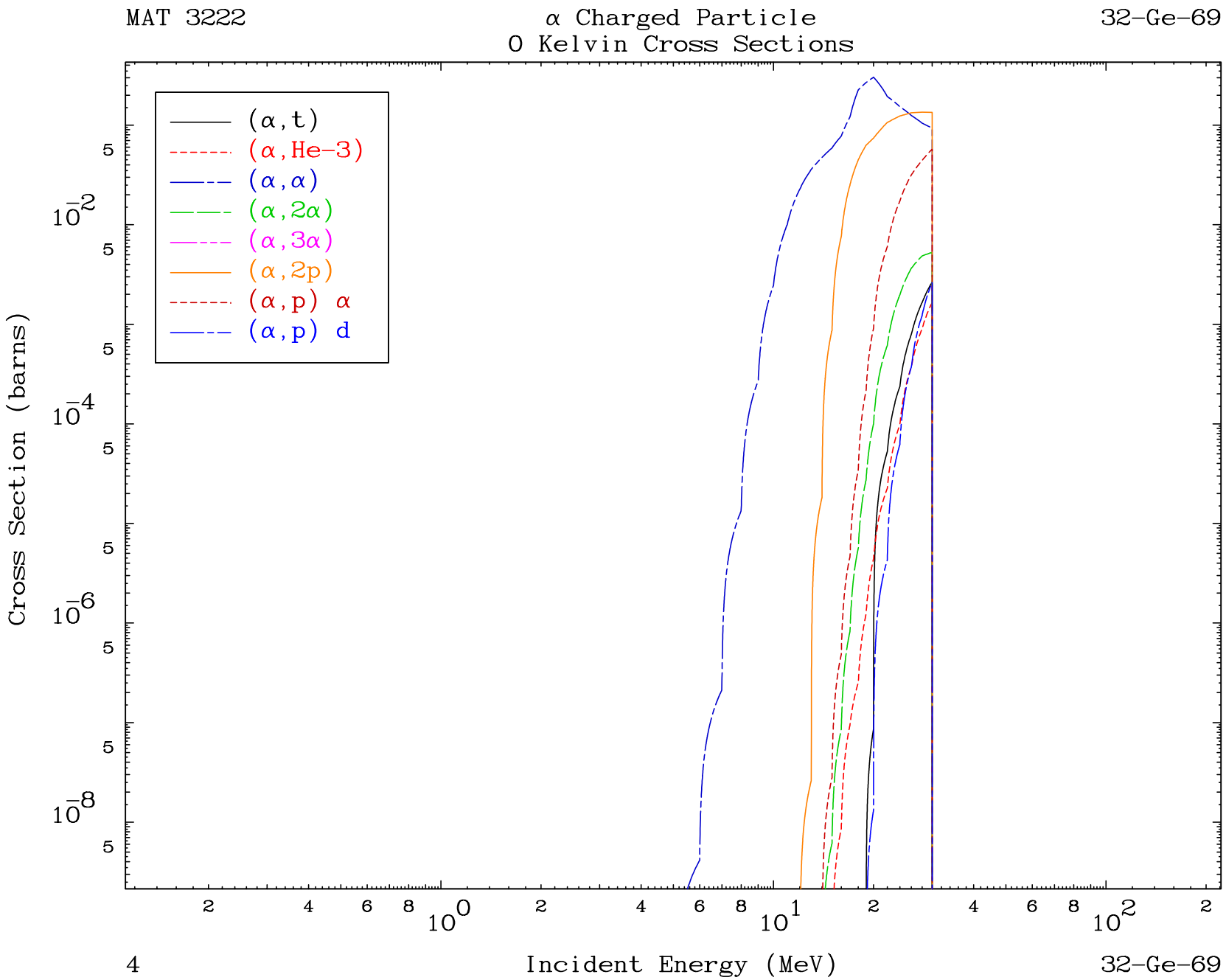
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

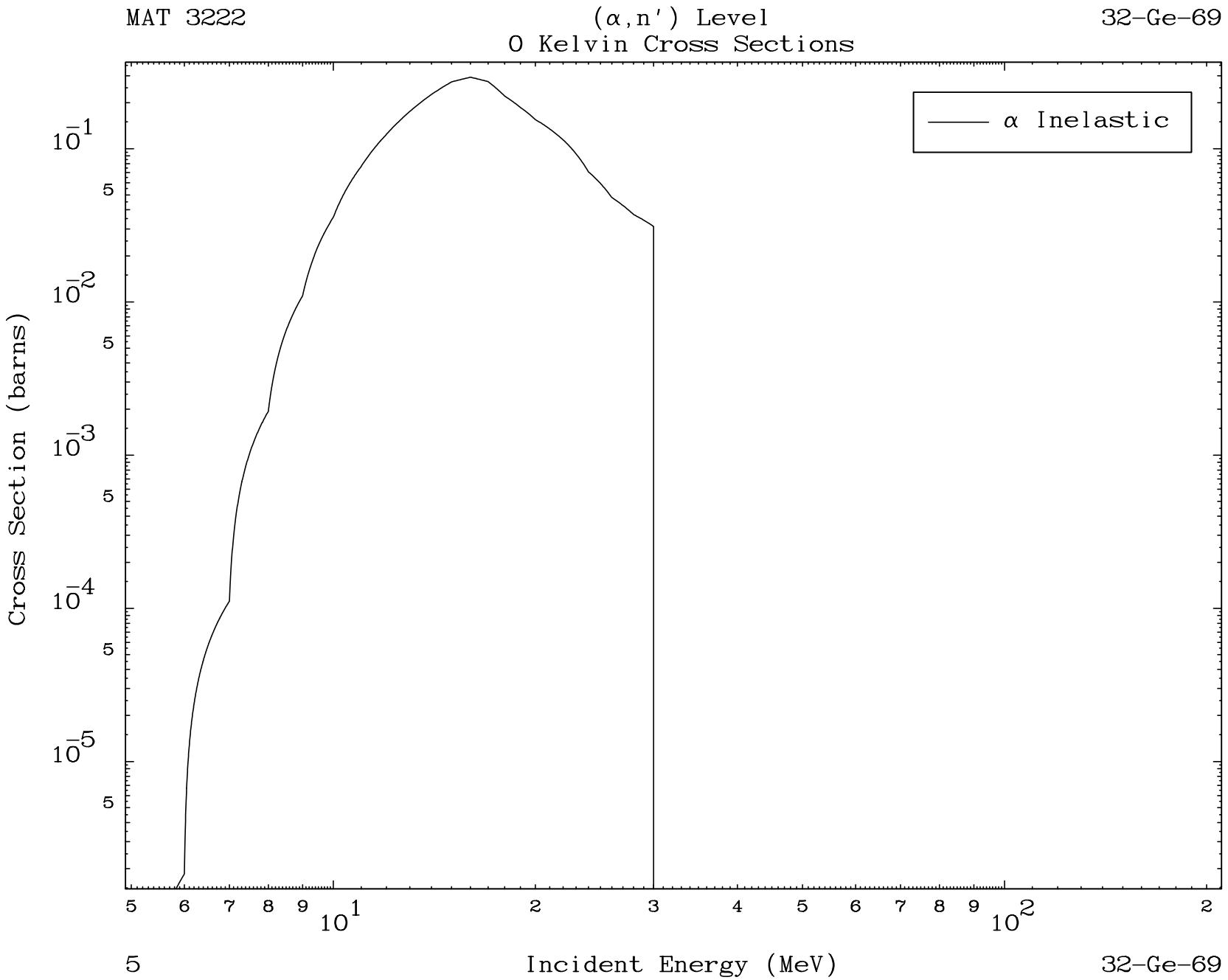
Press Mouse Button to Start

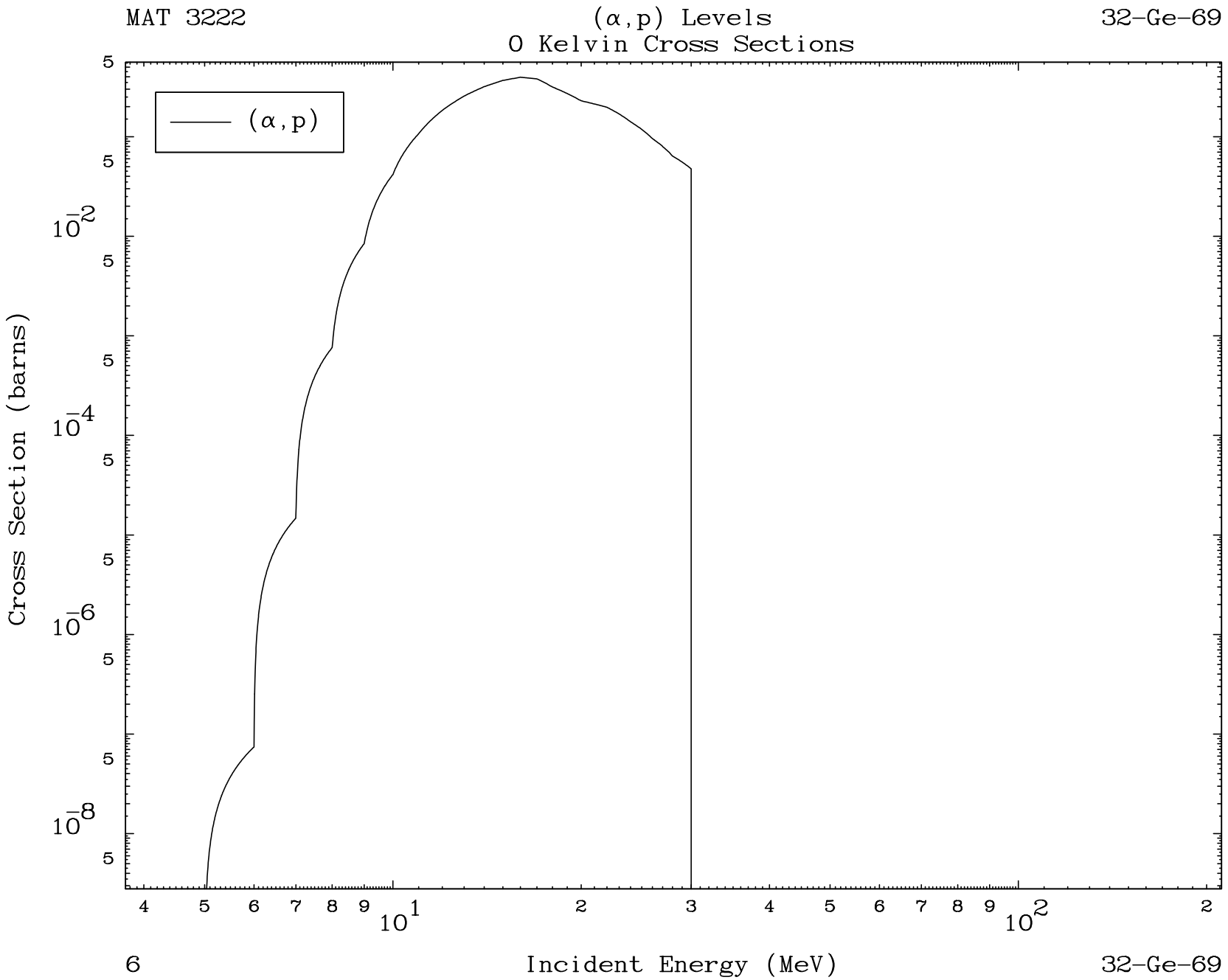

MAT 3222
α Major
32-Ge-69
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
32-Ge-69

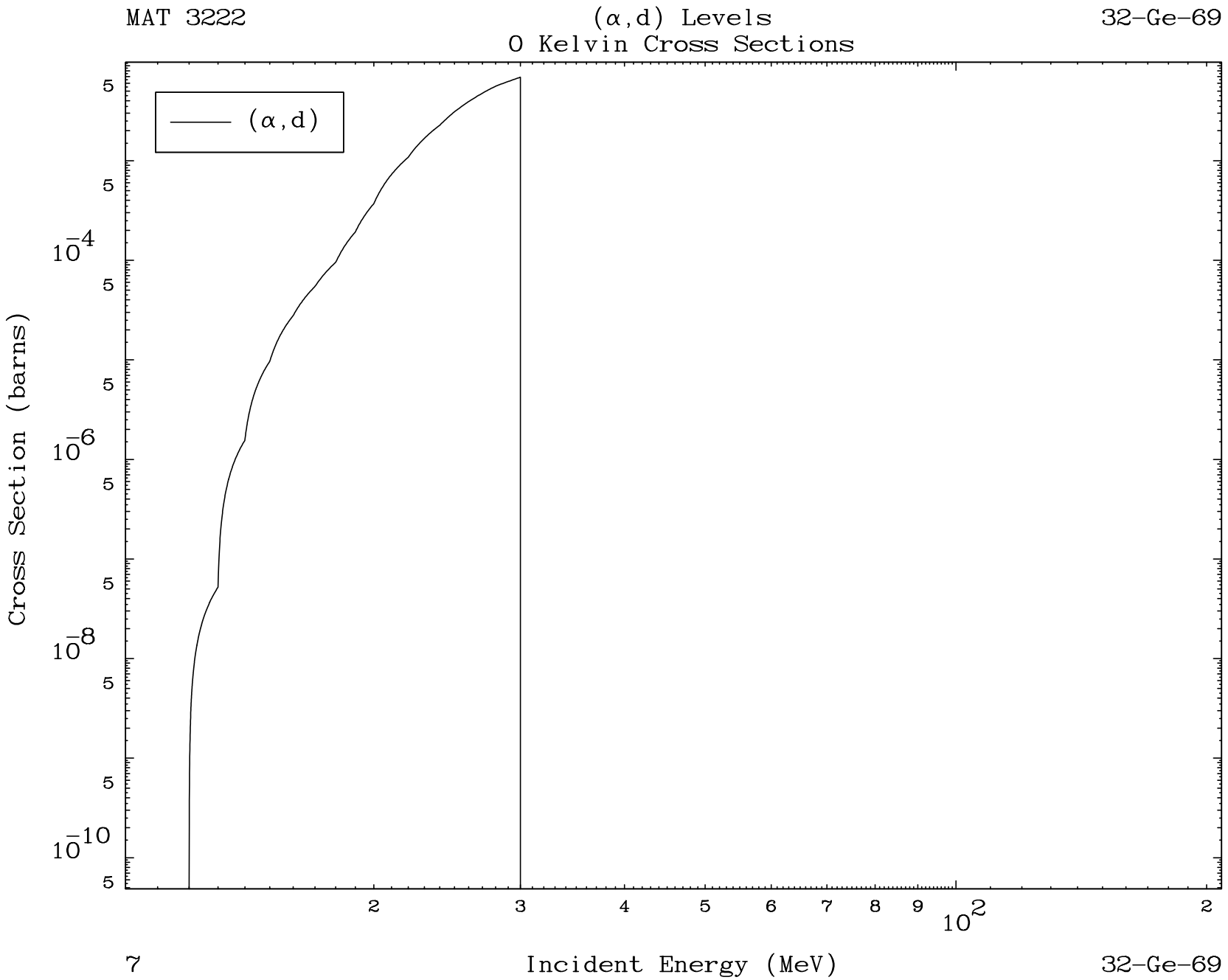

MAT 3222
α Neutron Production
0 Kelvin Cross Sections
32-Ge-69
Cross Section (barns)
Incident Energy (MeV)
32-Ge-69
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

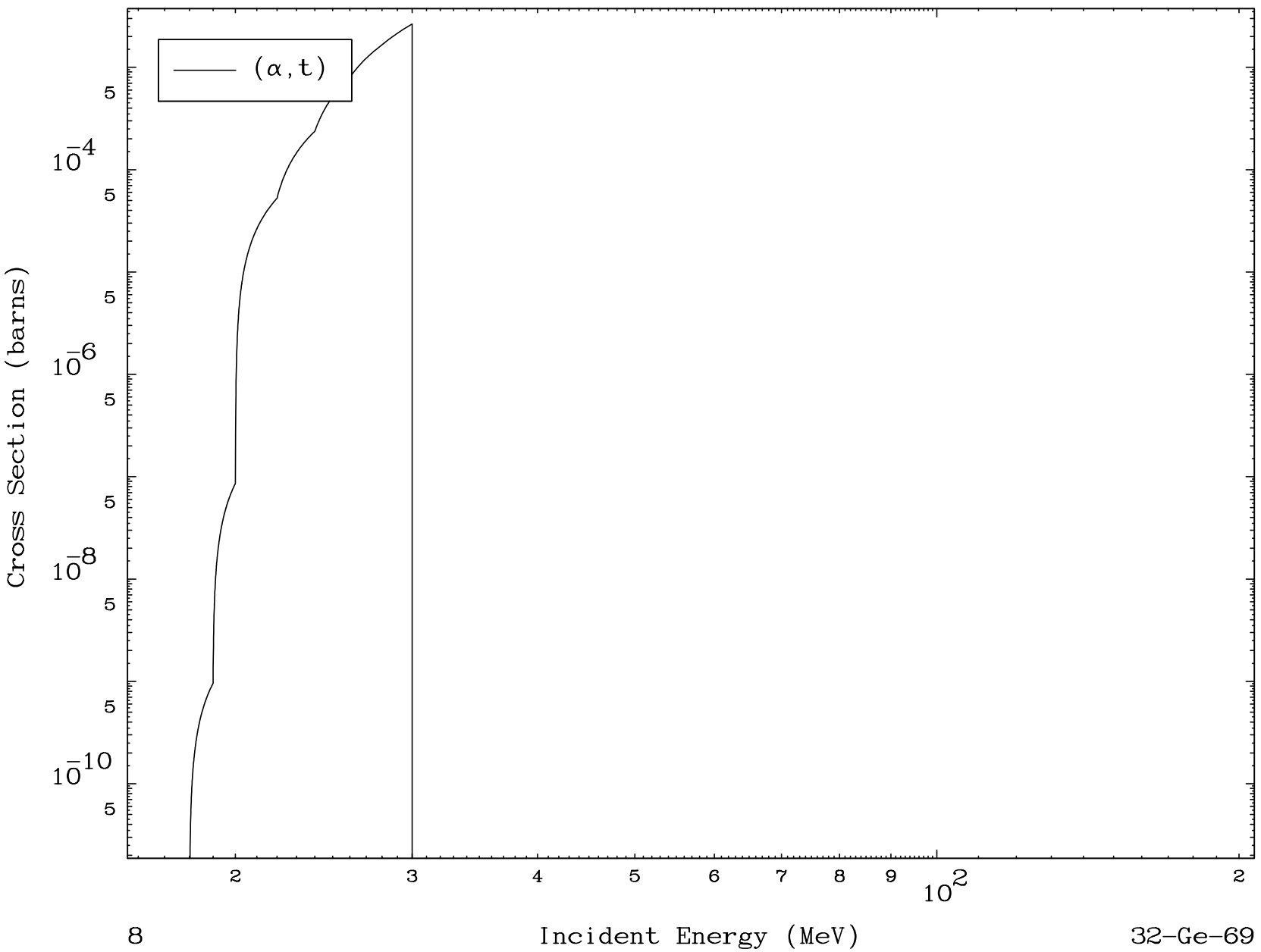

MAT 3222
α Charged Particle
0 Kelvin Cross Sections
32-Ge-69
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
3
32-Ge-69

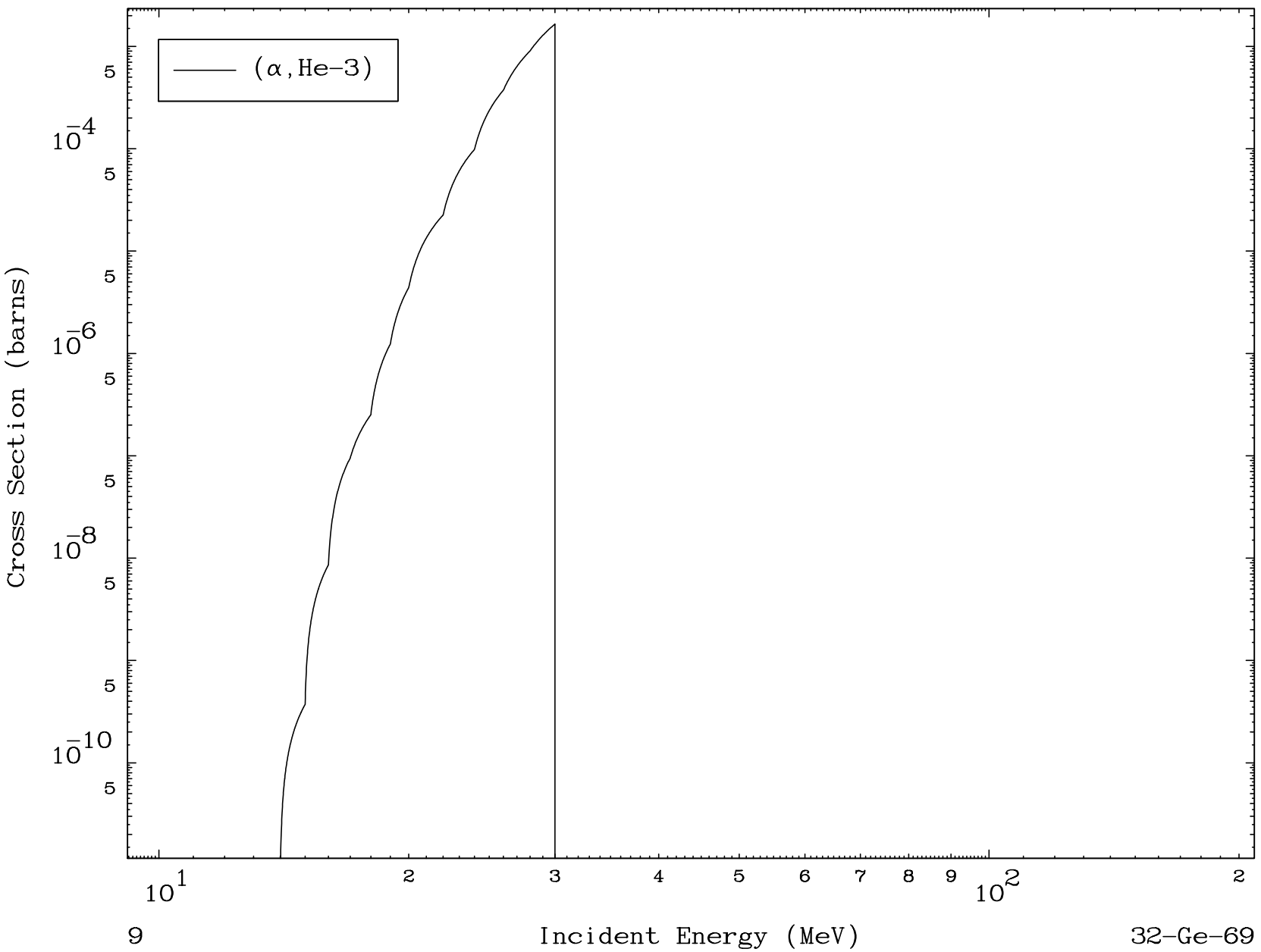

MAT 3222
α Charged Particle
0 Kelvin Cross Sections
32-Ge-69
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
32-Ge-69

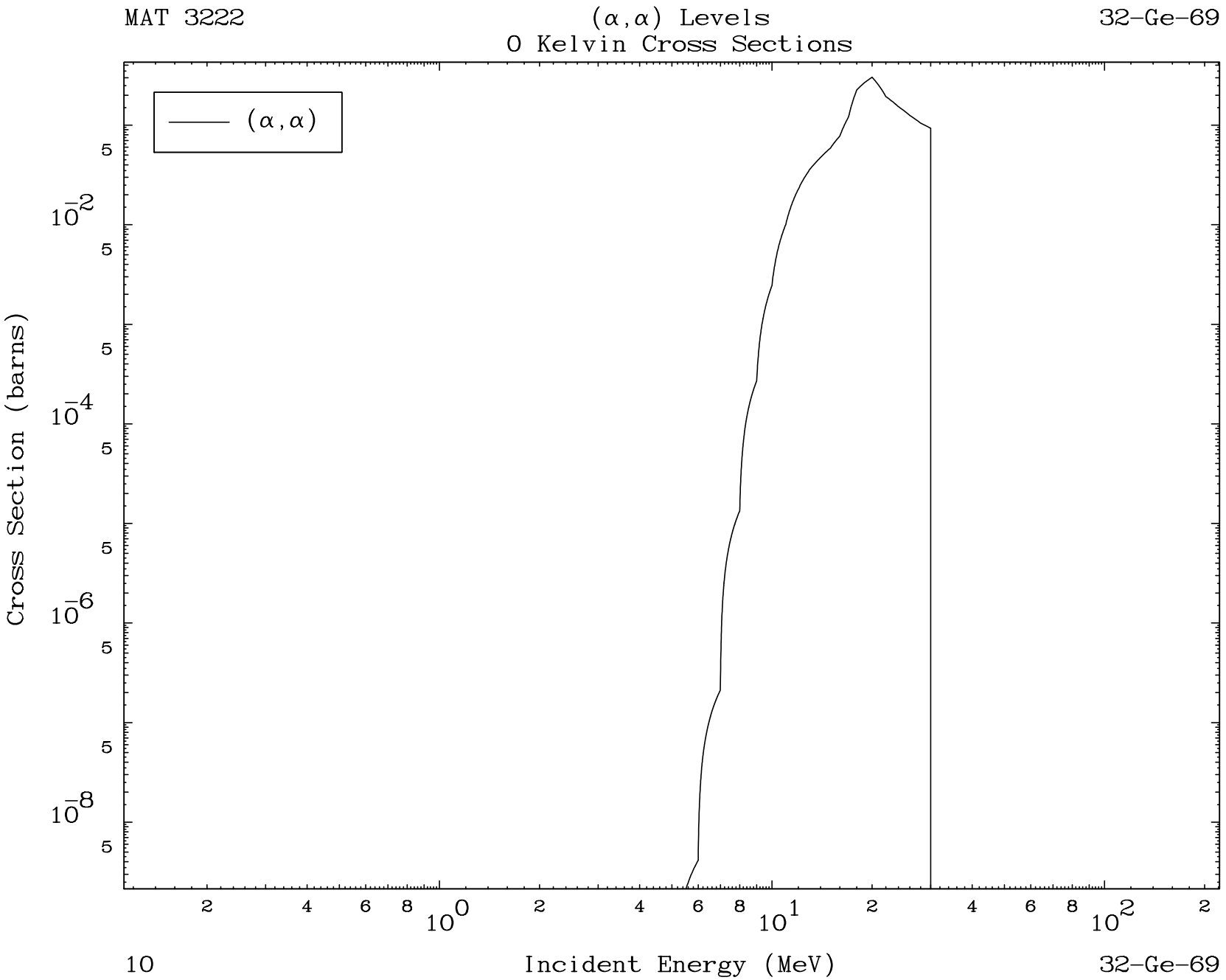

MAT 3222
(α,n') Level
32-Ge-69
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
32-Ge-69

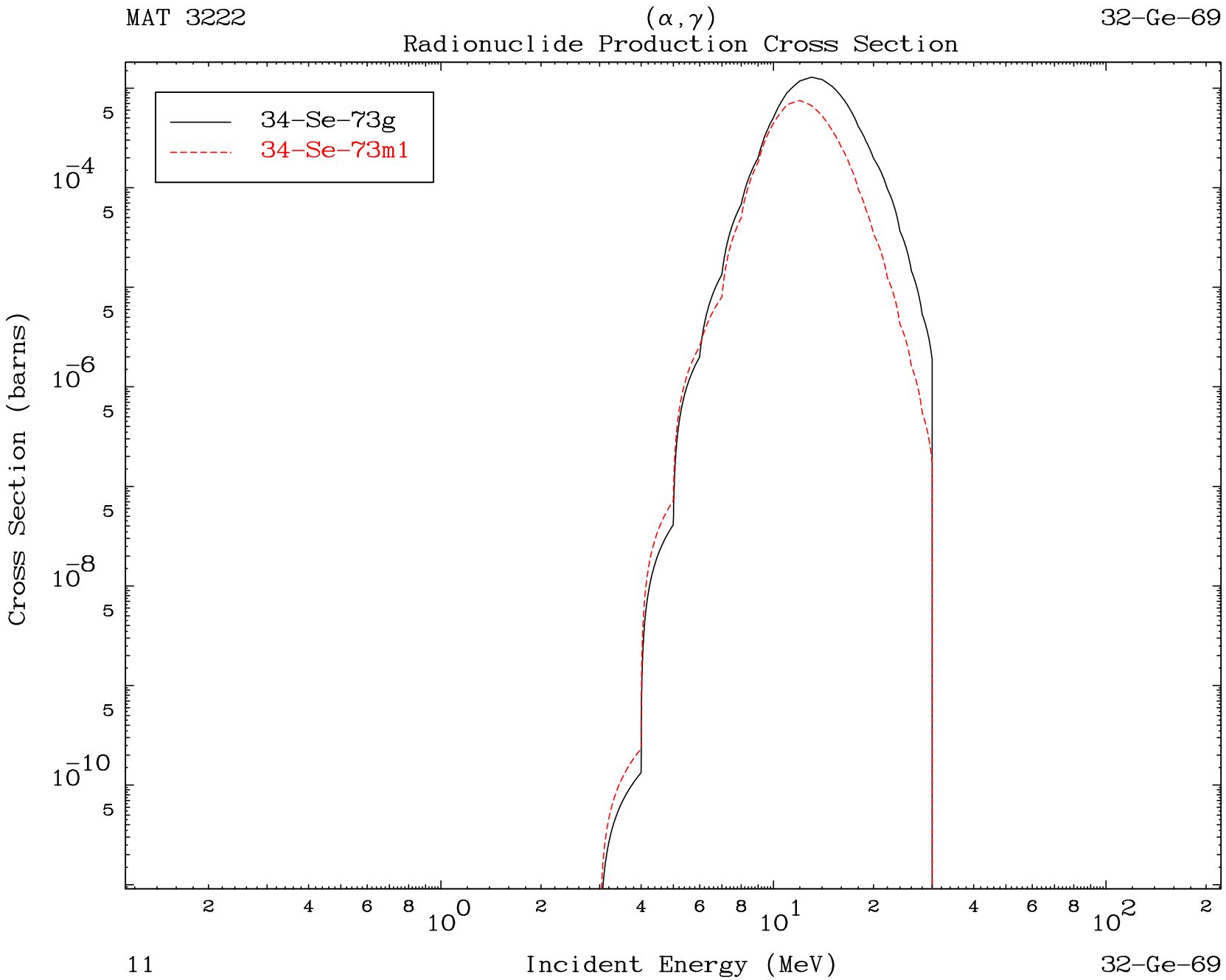

MAT 3222
(α,p) Levels
32-Ge-69
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
32-Ge-69


MAT 3222
(α,d) Levels
32-Ge-69
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
32-Ge-69


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


0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)


MAT 3222
(α,α) Levels
32-Ge-69
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
32-Ge-69


MAT 3222
(α,γ)
32-Ge-69
Radionuclide Production Cross Section
34-Se-73g
34-Se-73m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
32-Ge-69