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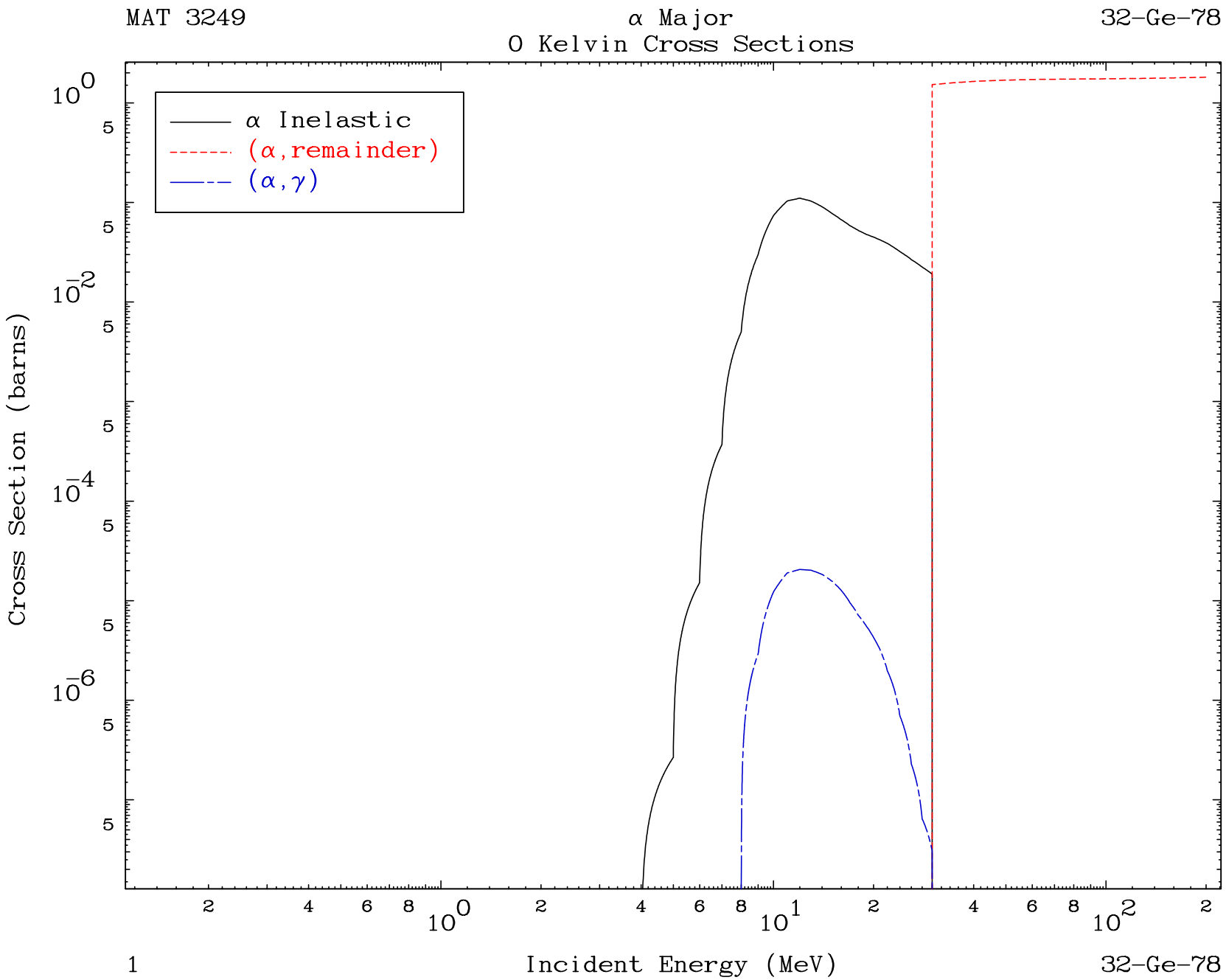
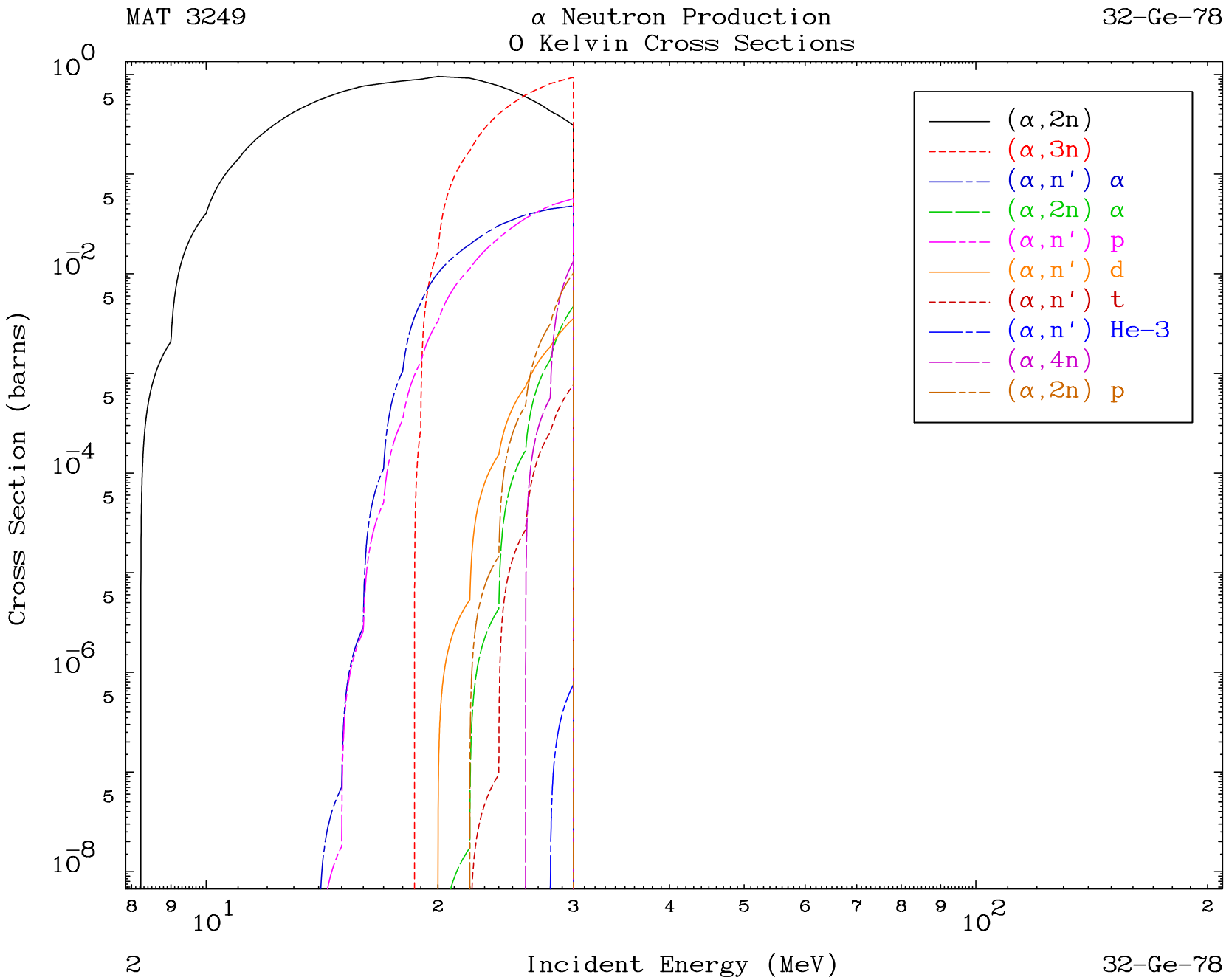
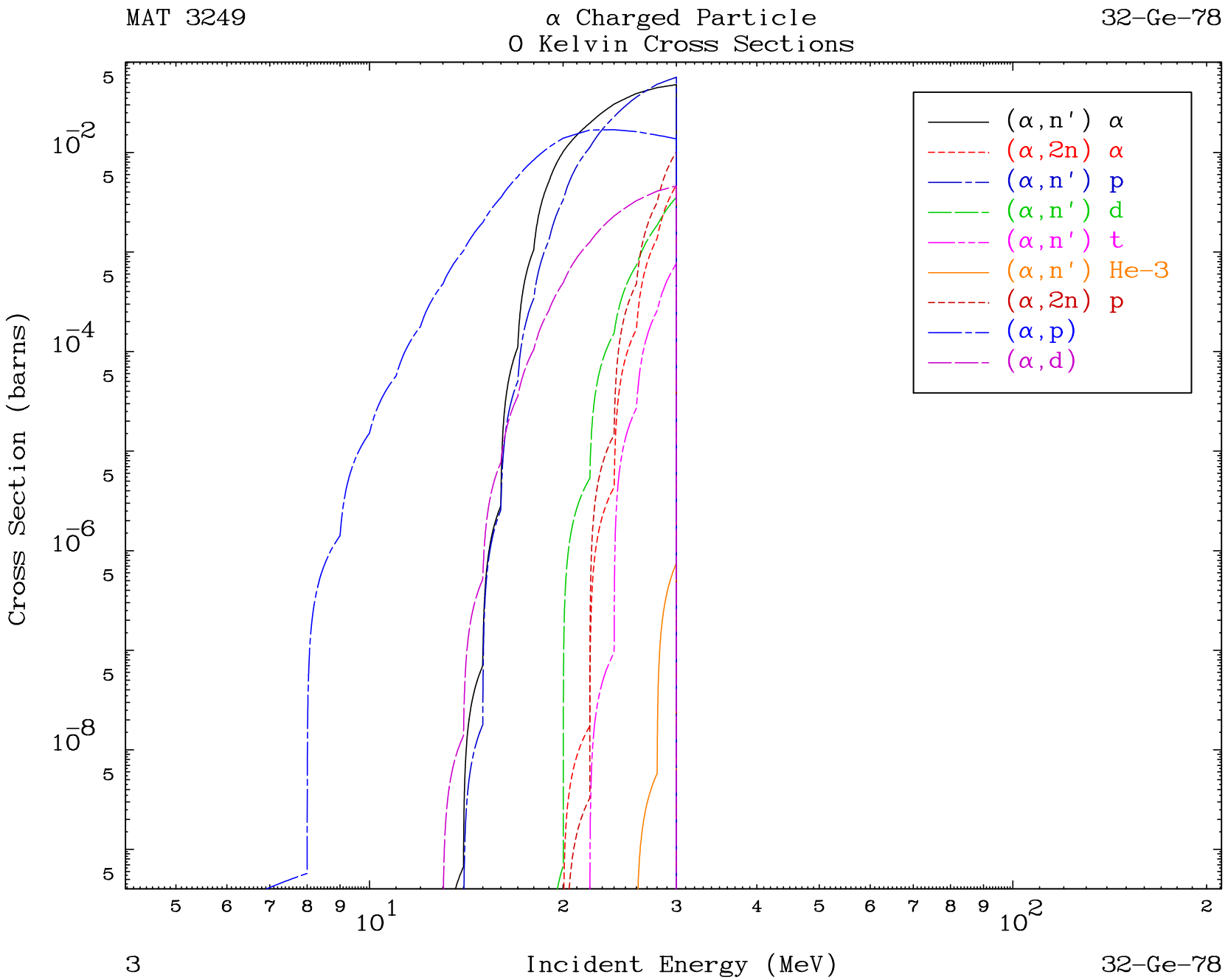
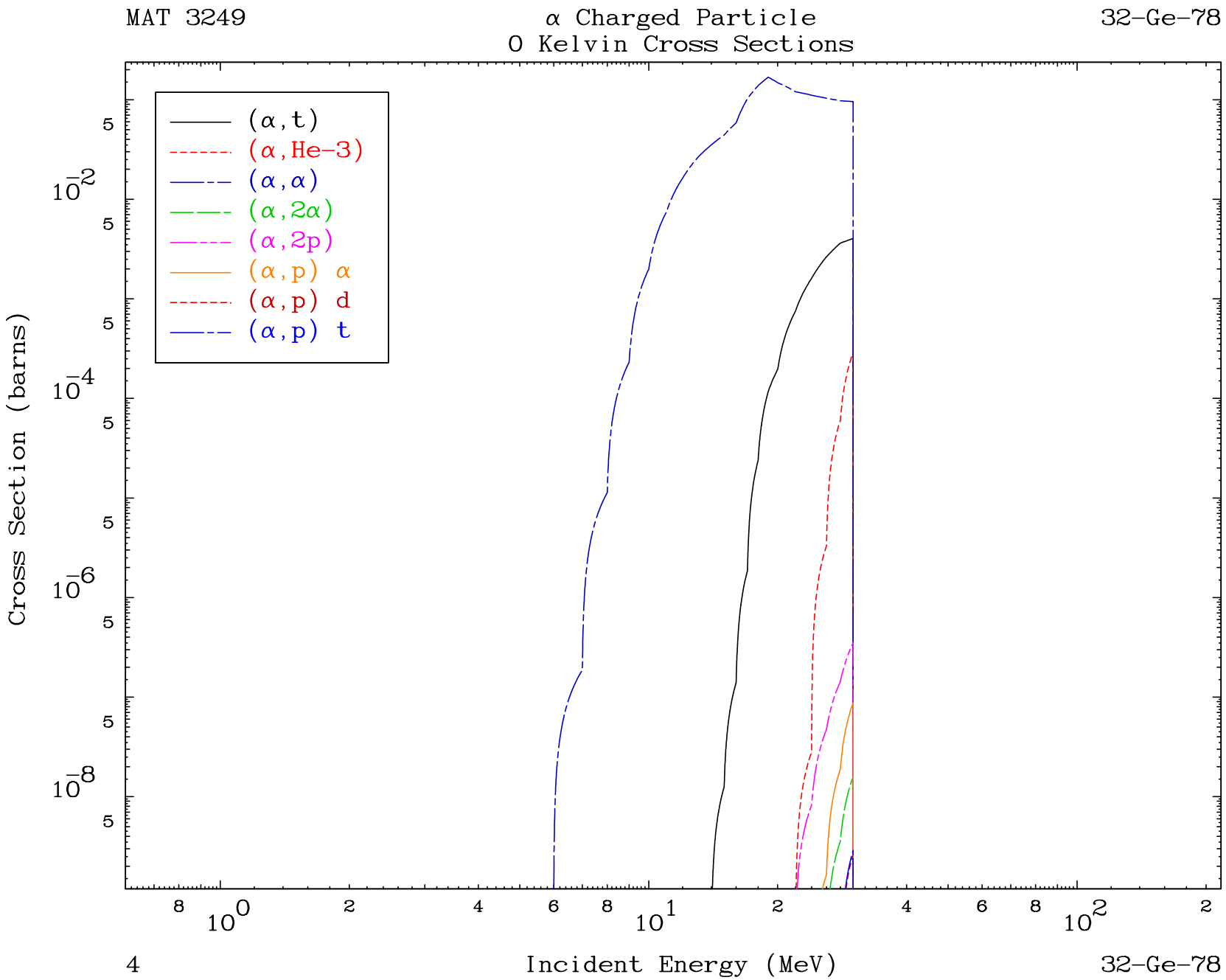
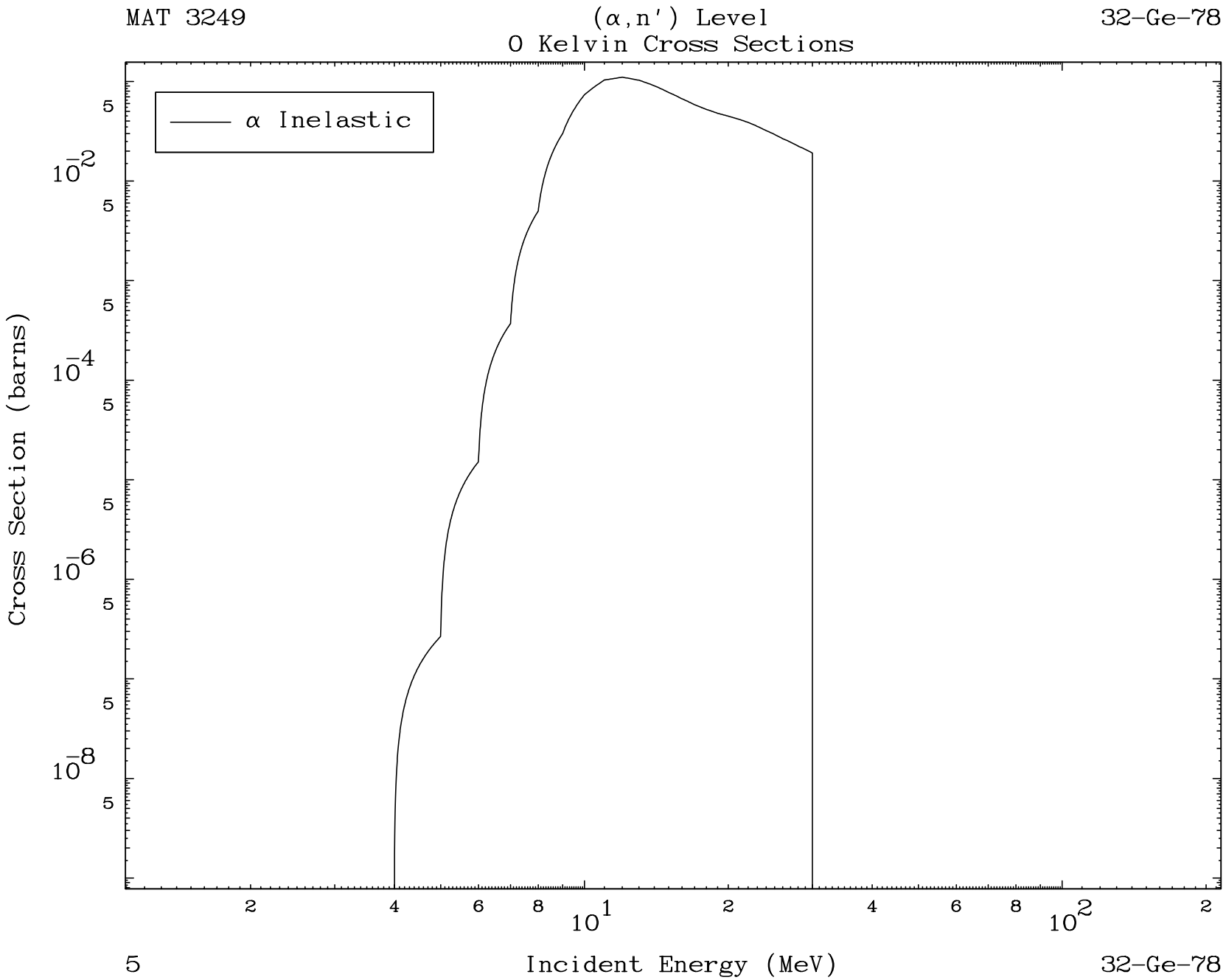
Press Mouse Button to Start

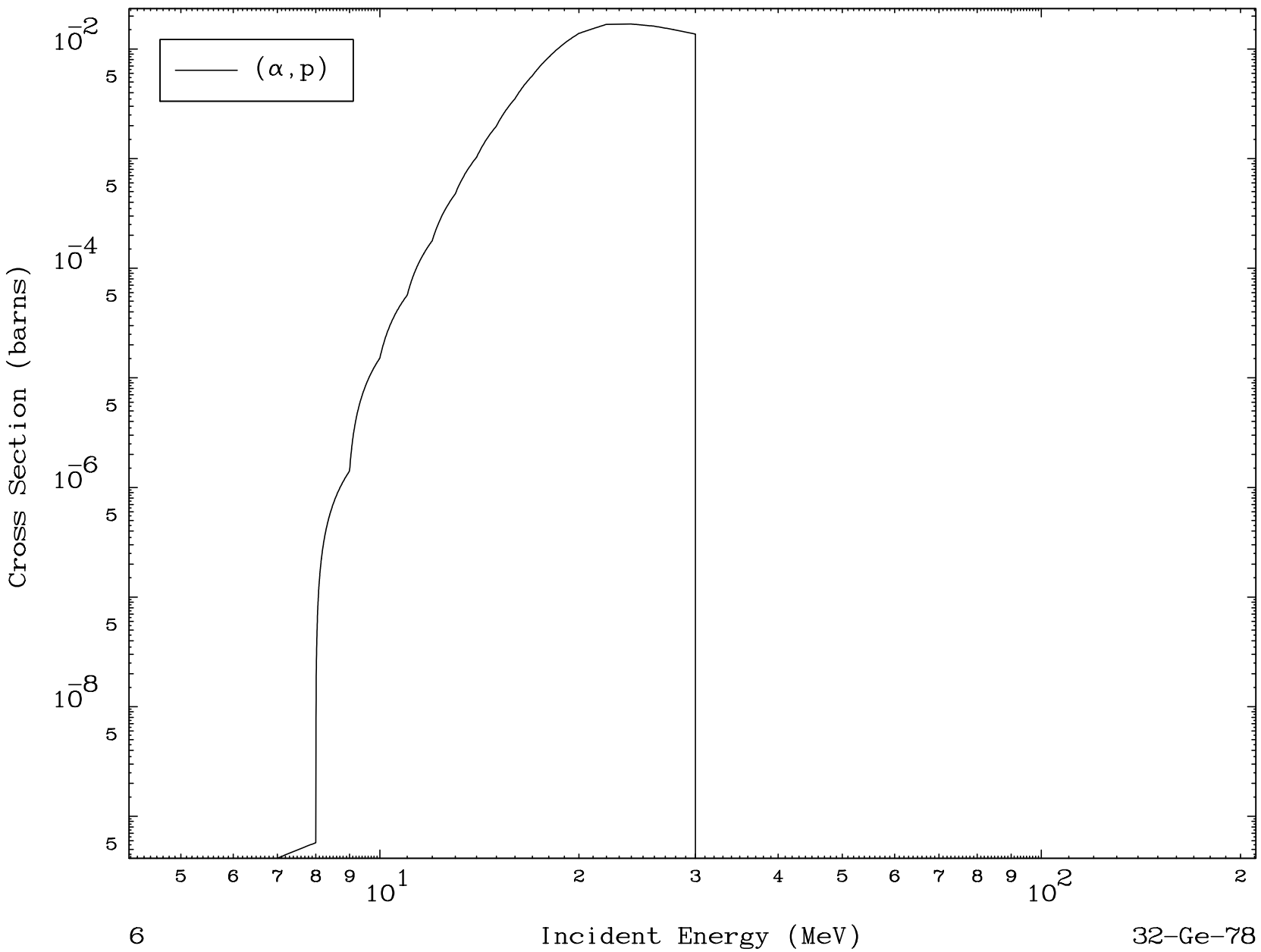

MAT 3249
α Major
32-Ge-78
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
32-Ge-78

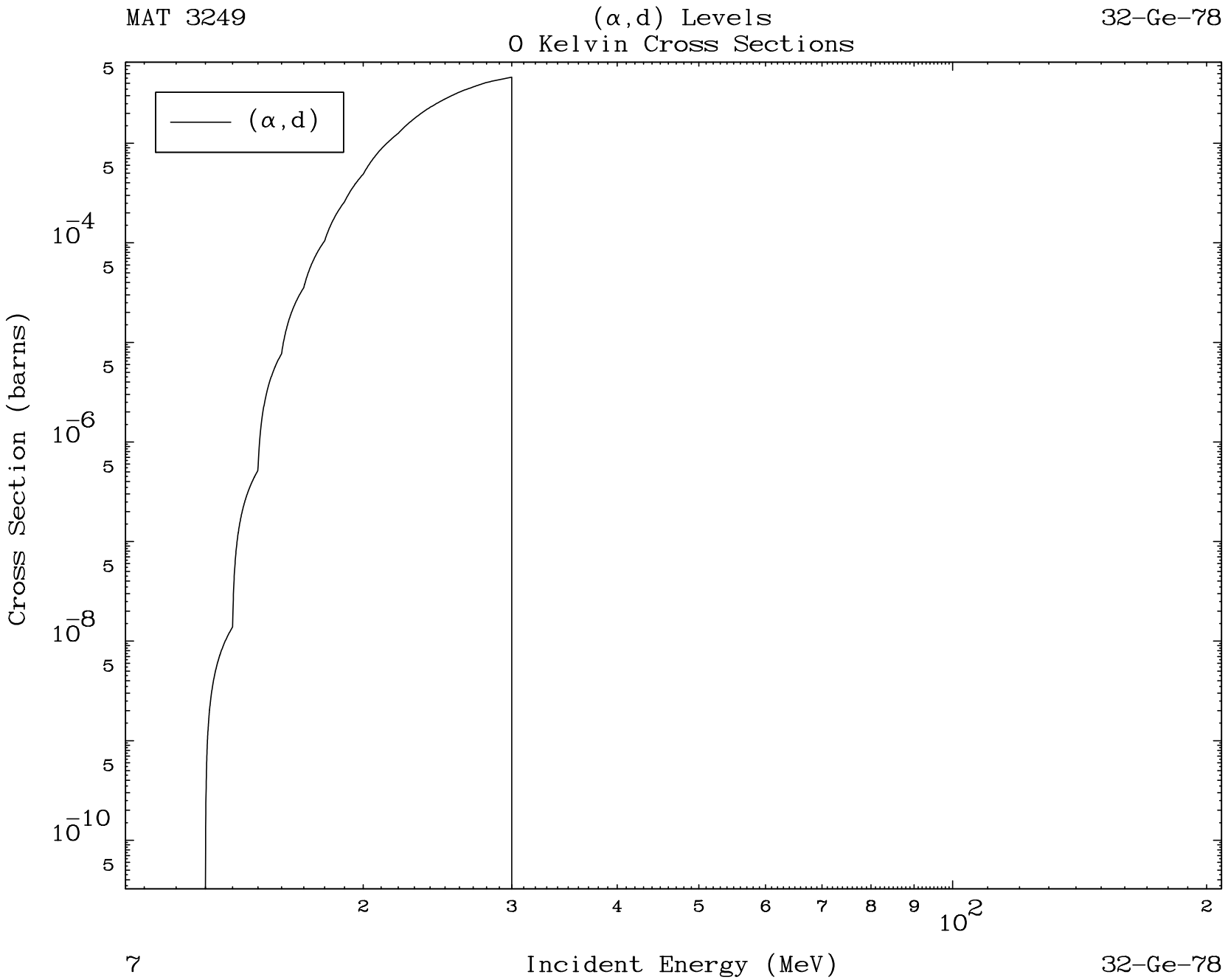

MAT 3249
α Neutron Production
0 Kelvin Cross Sections
32-Ge-78
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p

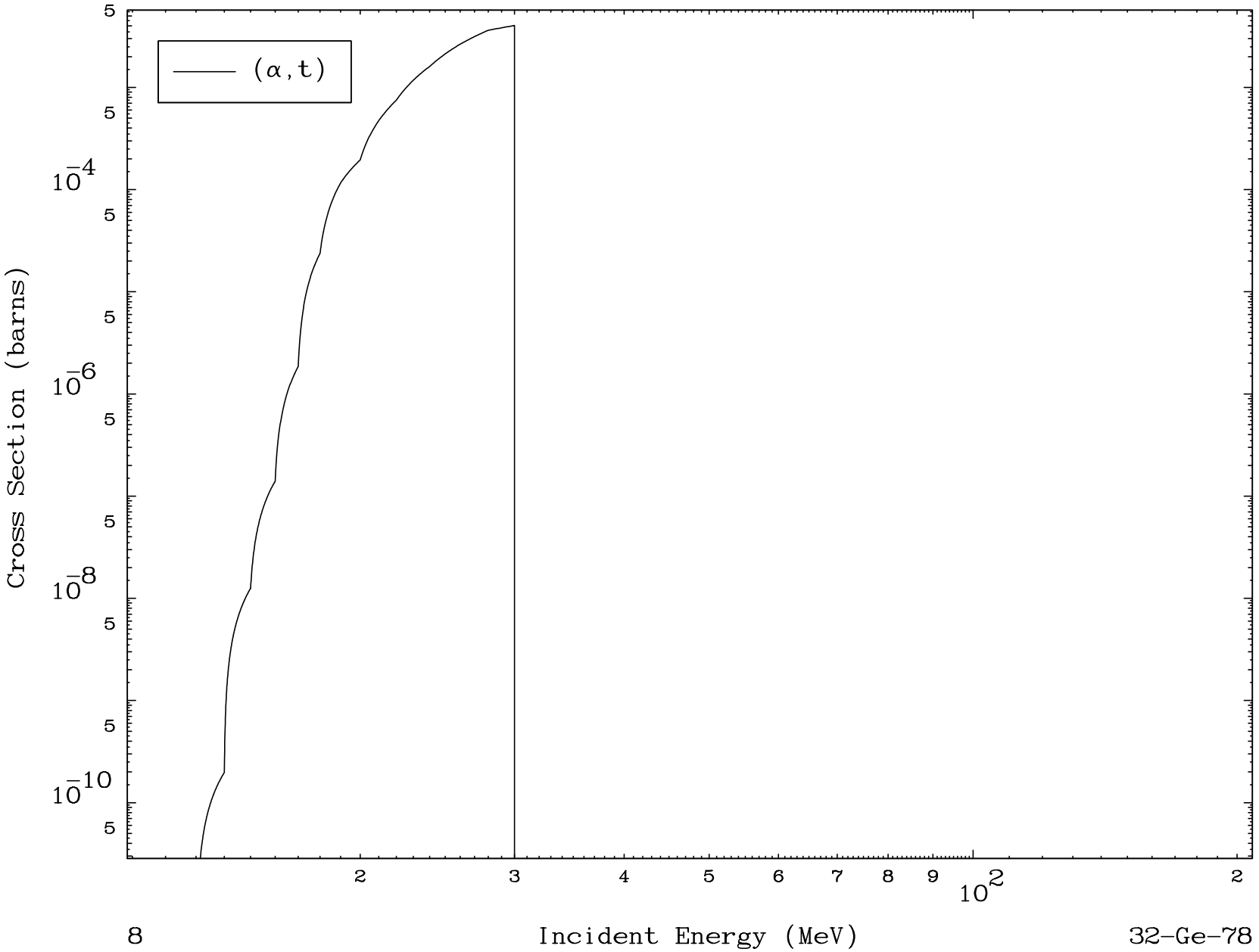

MAT 3249
α Charged Particle
0 Kelvin Cross Sections
32-Ge-78
Cross Section (barns)
Incident Energy (MeV)
3
32-Ge-78
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
(α,d)

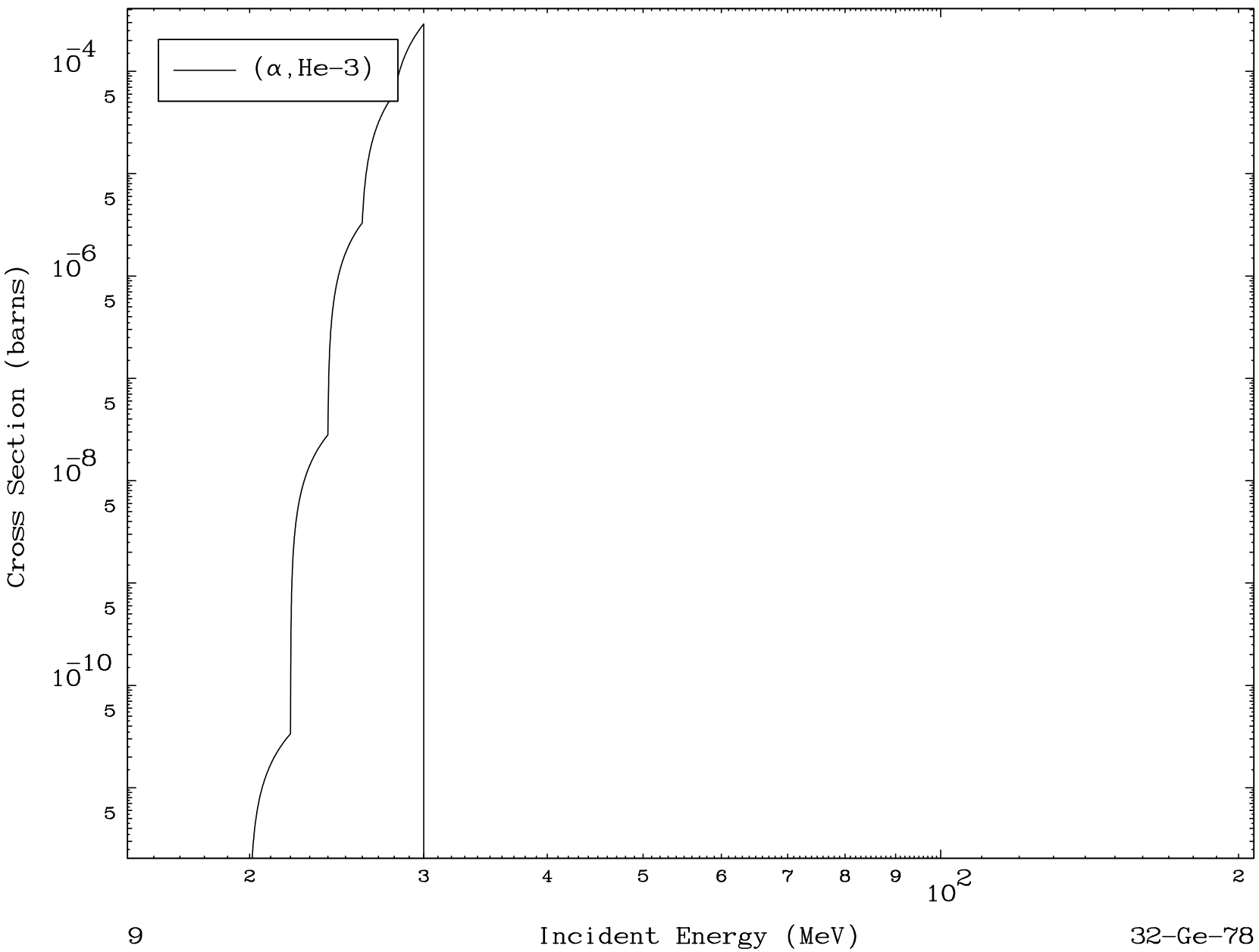

MAT 3249
α Charged Particle
0 Kelvin Cross Sections
32-Ge-78
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
32-Ge-78

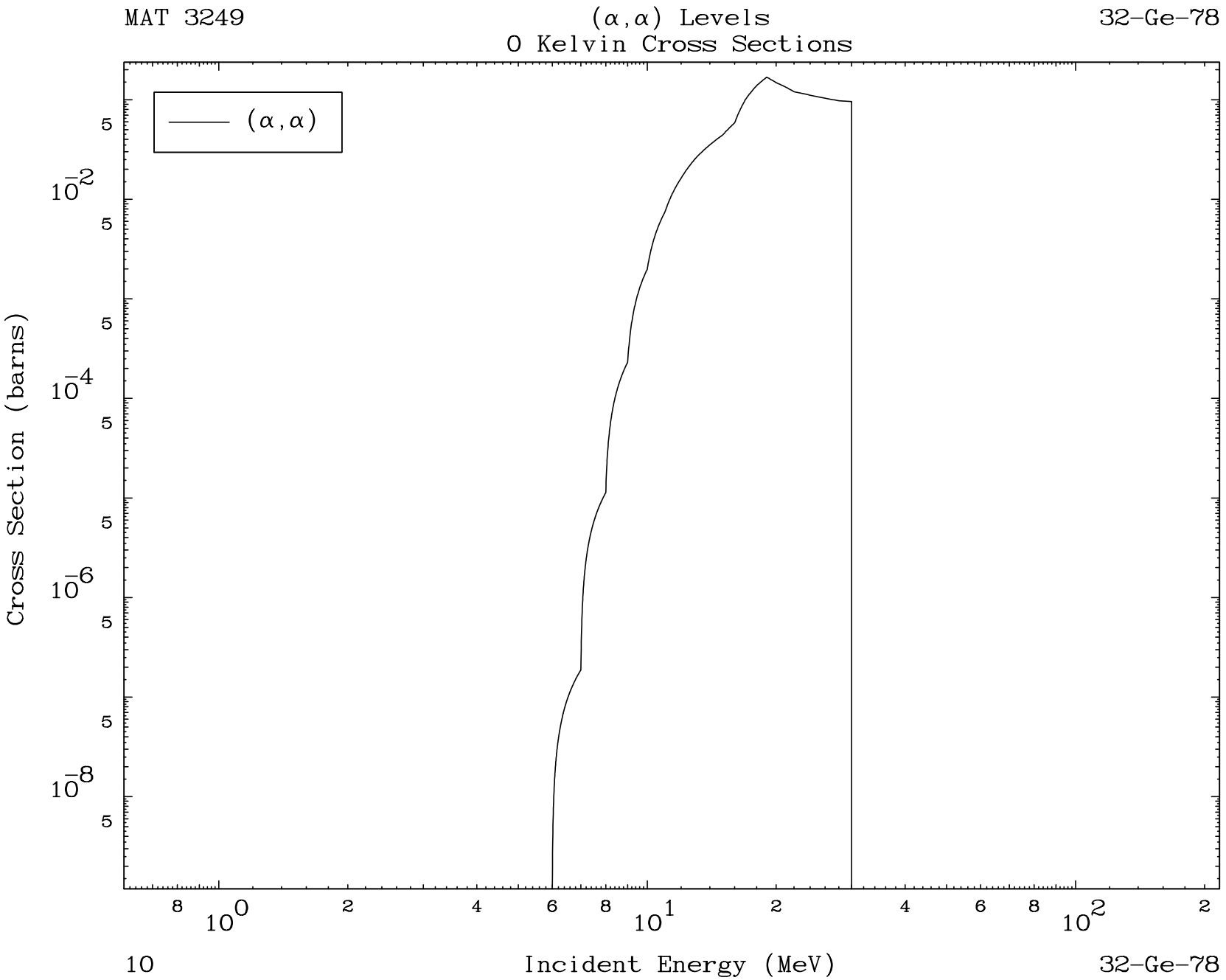

MAT 3249
(α,n') Level
32-Ge-78
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
2
4
6
8
10 2
2
5
Incident Energy (MeV)
32-Ge-78

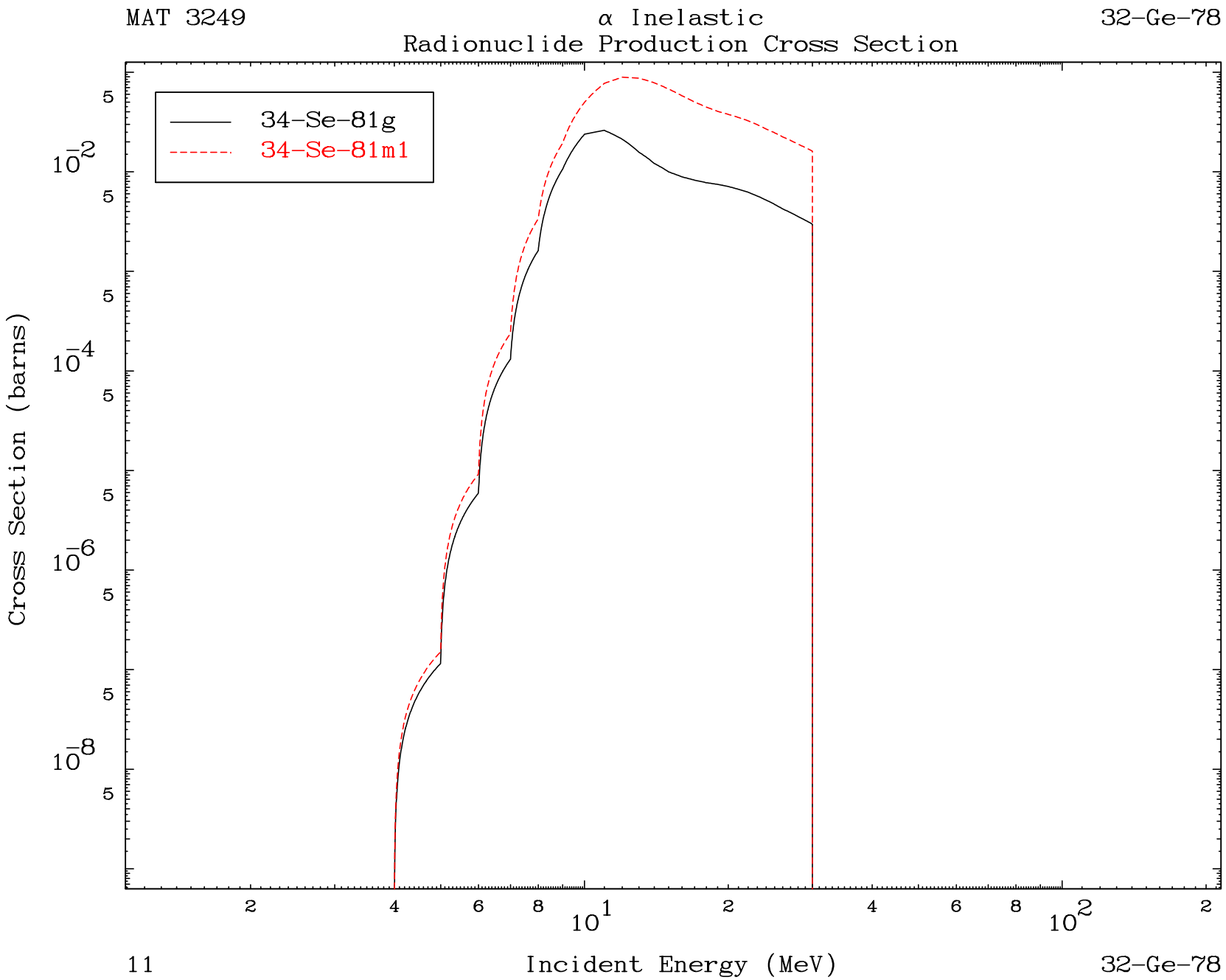

MAT 3249
(α,p) Levels
0 Kelvin Cross Sections
32-Ge-78
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
32-Ge-78

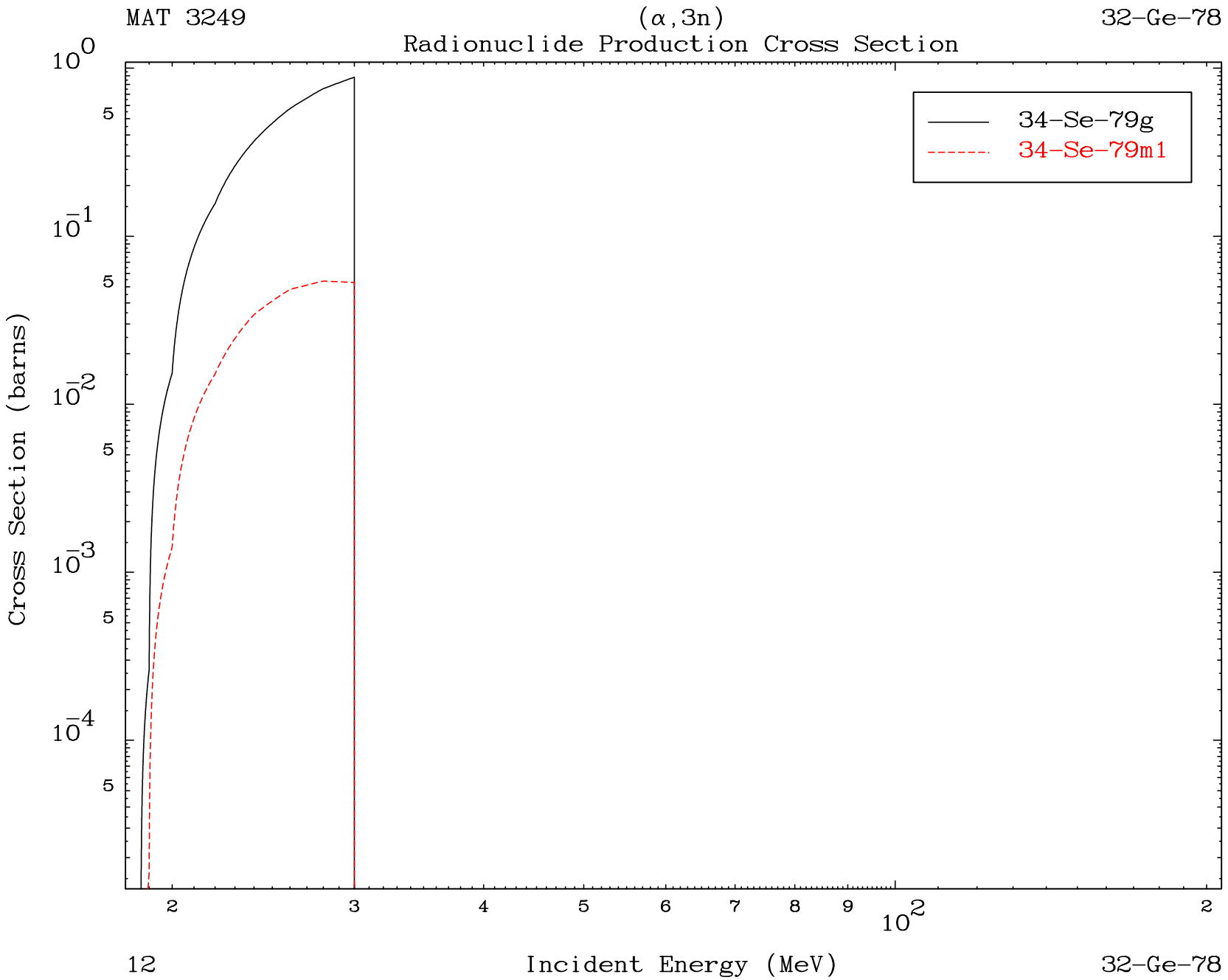

MAT 3249
(α,d) Levels
32-Ge-78
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
32-Ge-78

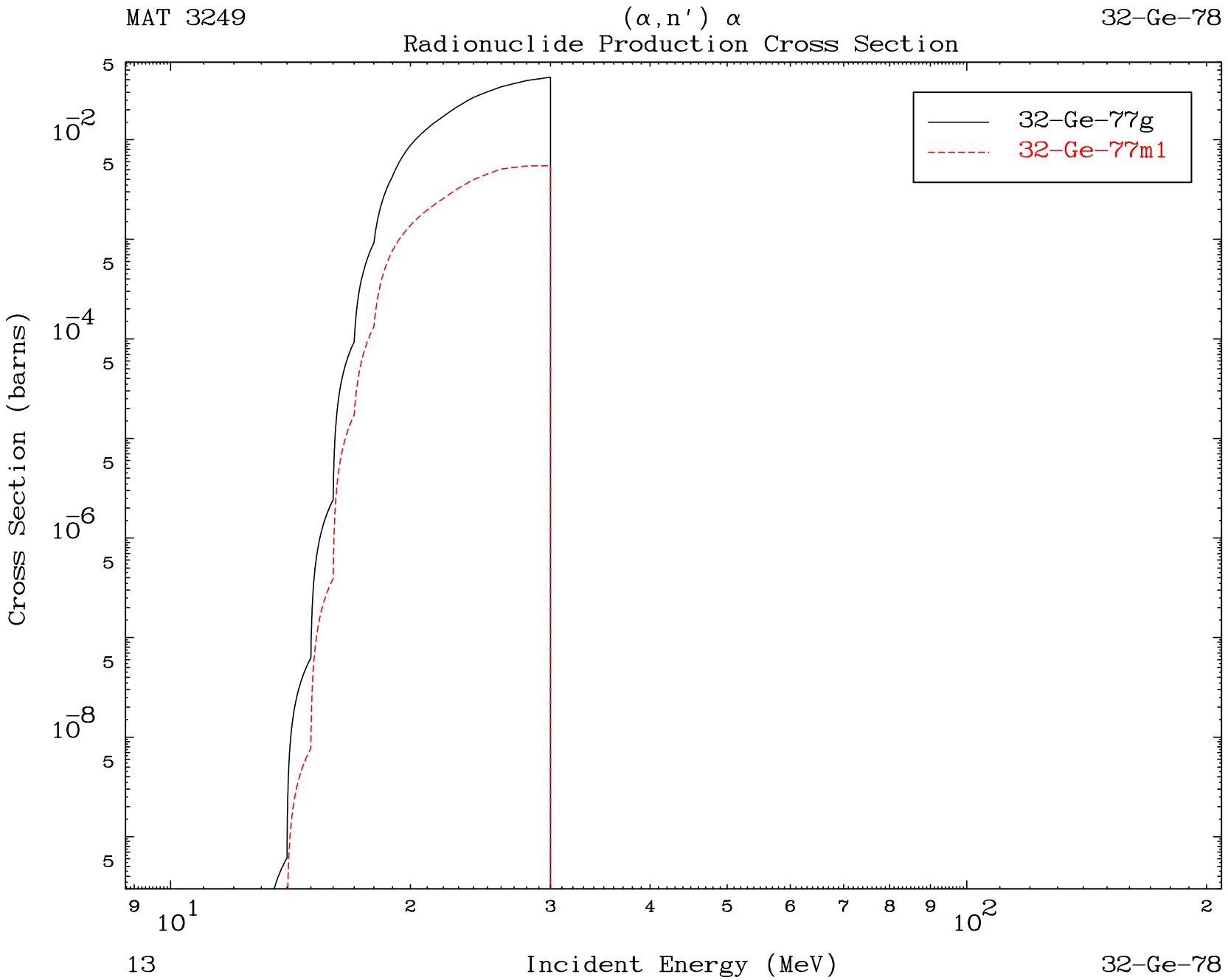

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

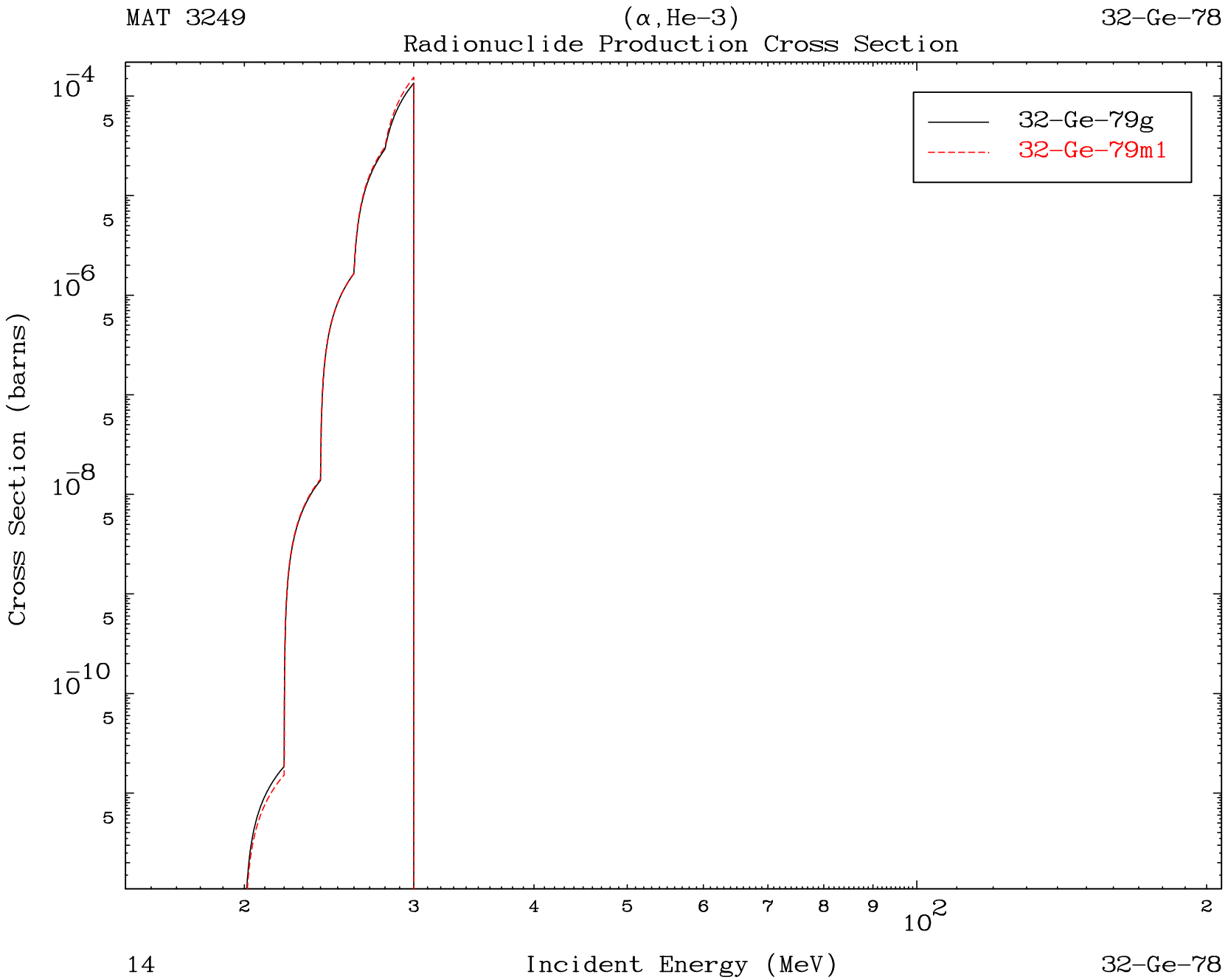

0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

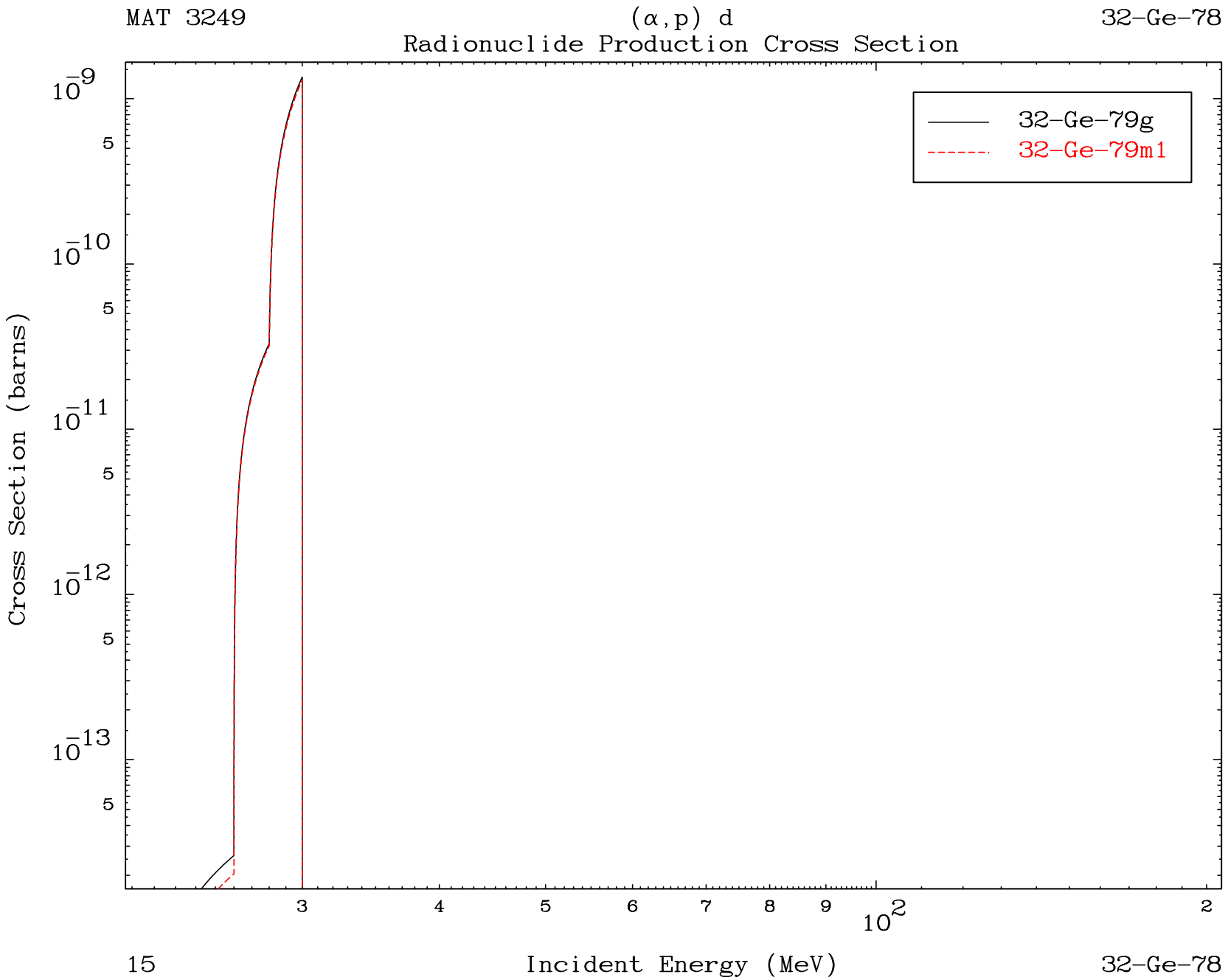

MAT 3249
(α,α) Levels
32-Ge-78
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
32-Ge-78


MAT 3249
α Inelastic
32-Ge-78
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
Incident Energy (MeV)
11
32-Ge-78


MAT 3249
(α,3n)
32-Ge-78
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
12
32-Ge-78


MAT 3249
(α,n') α
32-Ge-78
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
Incident Energy (MeV)
13
32-Ge-78


MAT 3249
(α,He-3)
32-Ge-78
Radionuclide Production Cross Section
32-Ge-79g
32-Ge-79m1
Cross Section (barns)
Incident Energy (MeV)
14
32-Ge-78


MAT 3249
(α,p) d
32-Ge-78
Radionuclide Production Cross Section
32-Ge-79g
32-Ge-79m1
Cross Section (barns)
10^-9
10^-10
10^-11
10^-12
10^-13
5
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
32-Ge-78