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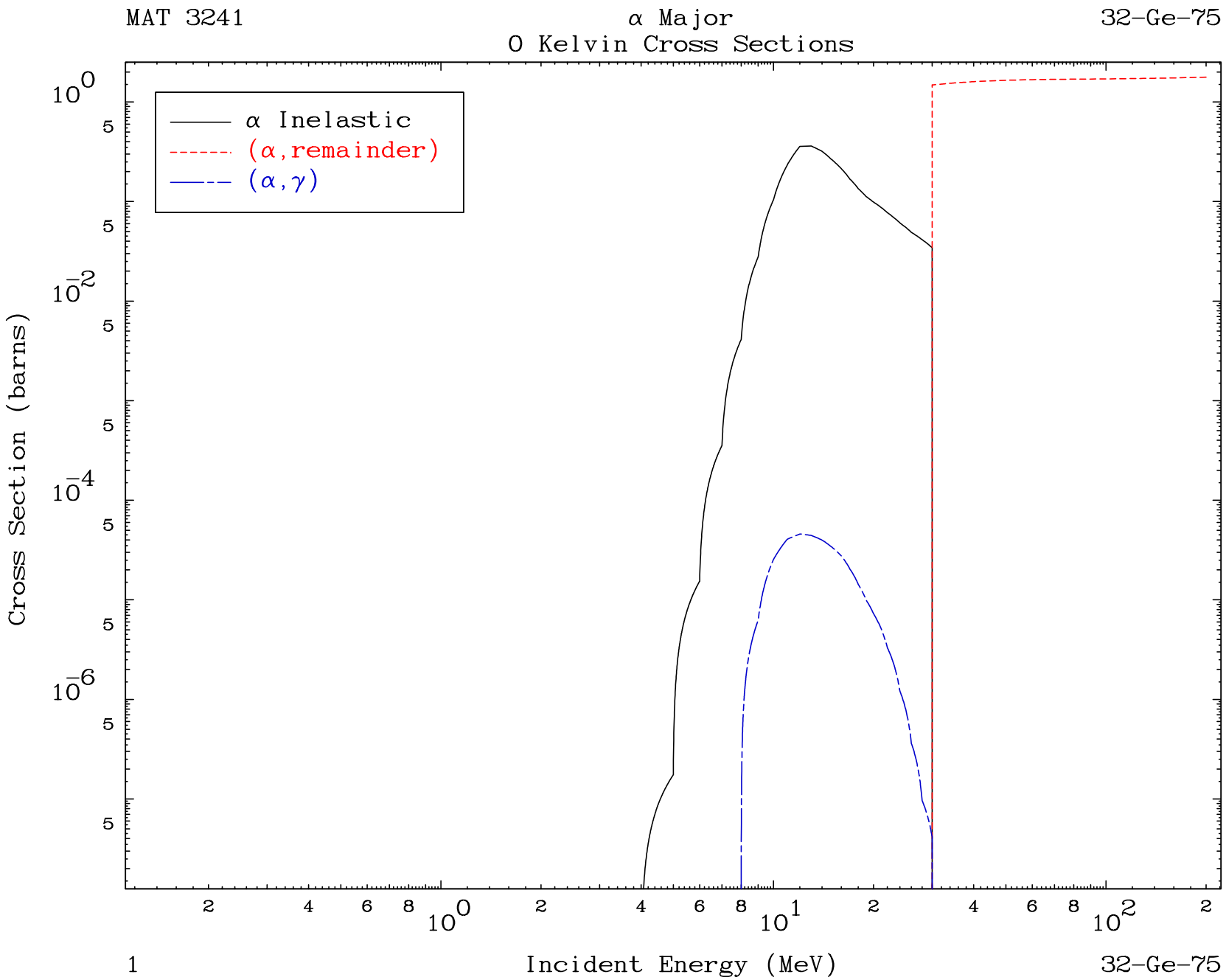
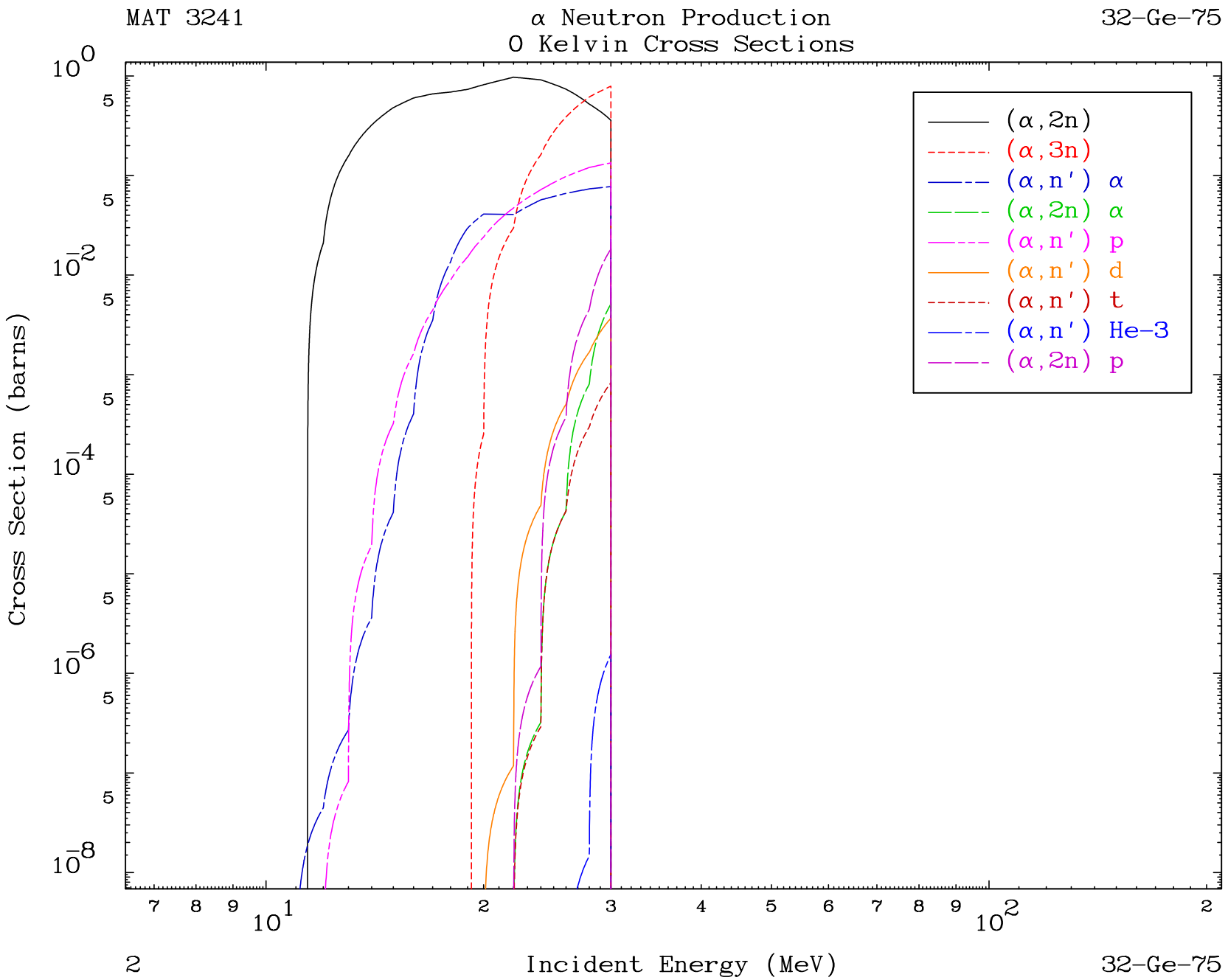
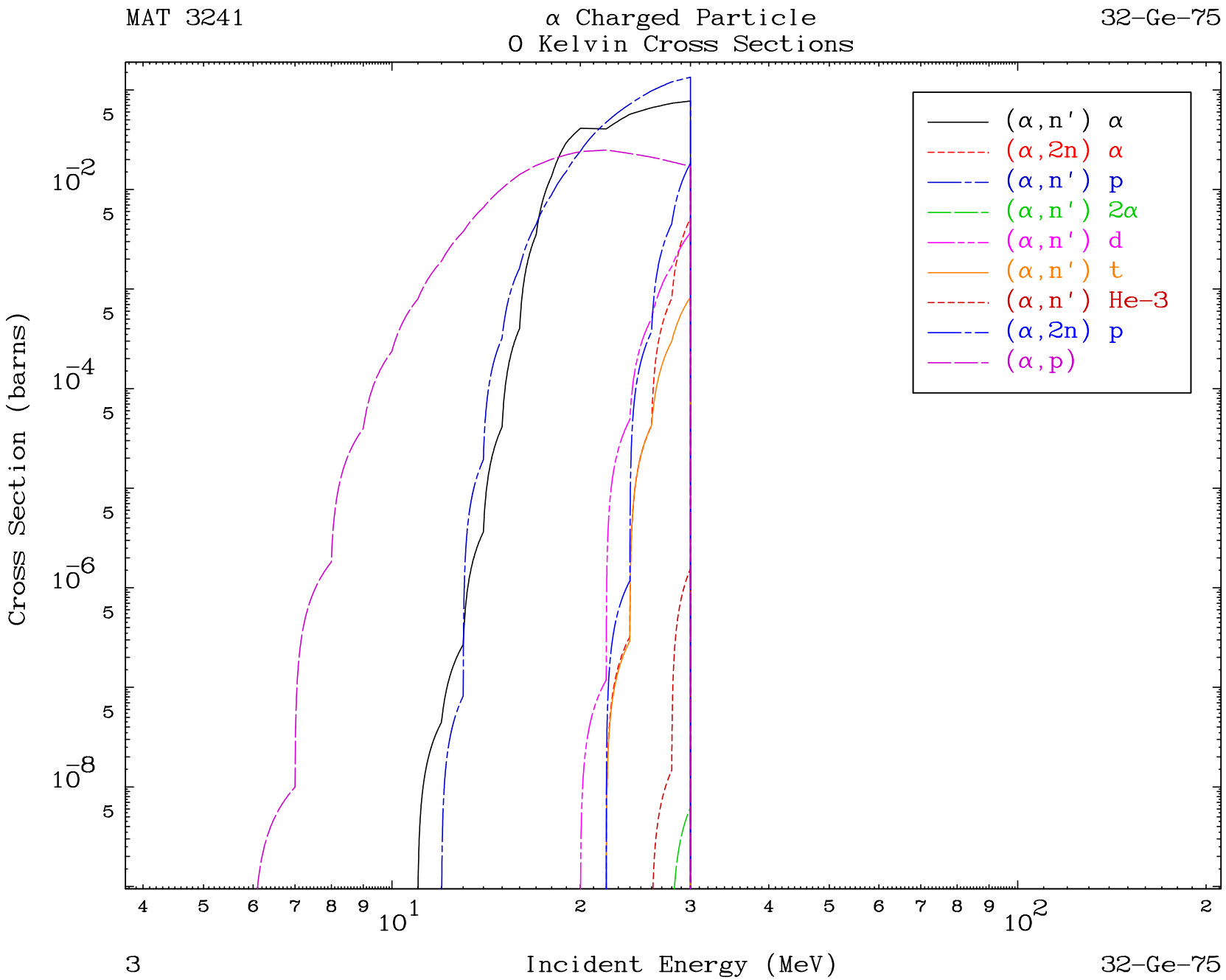
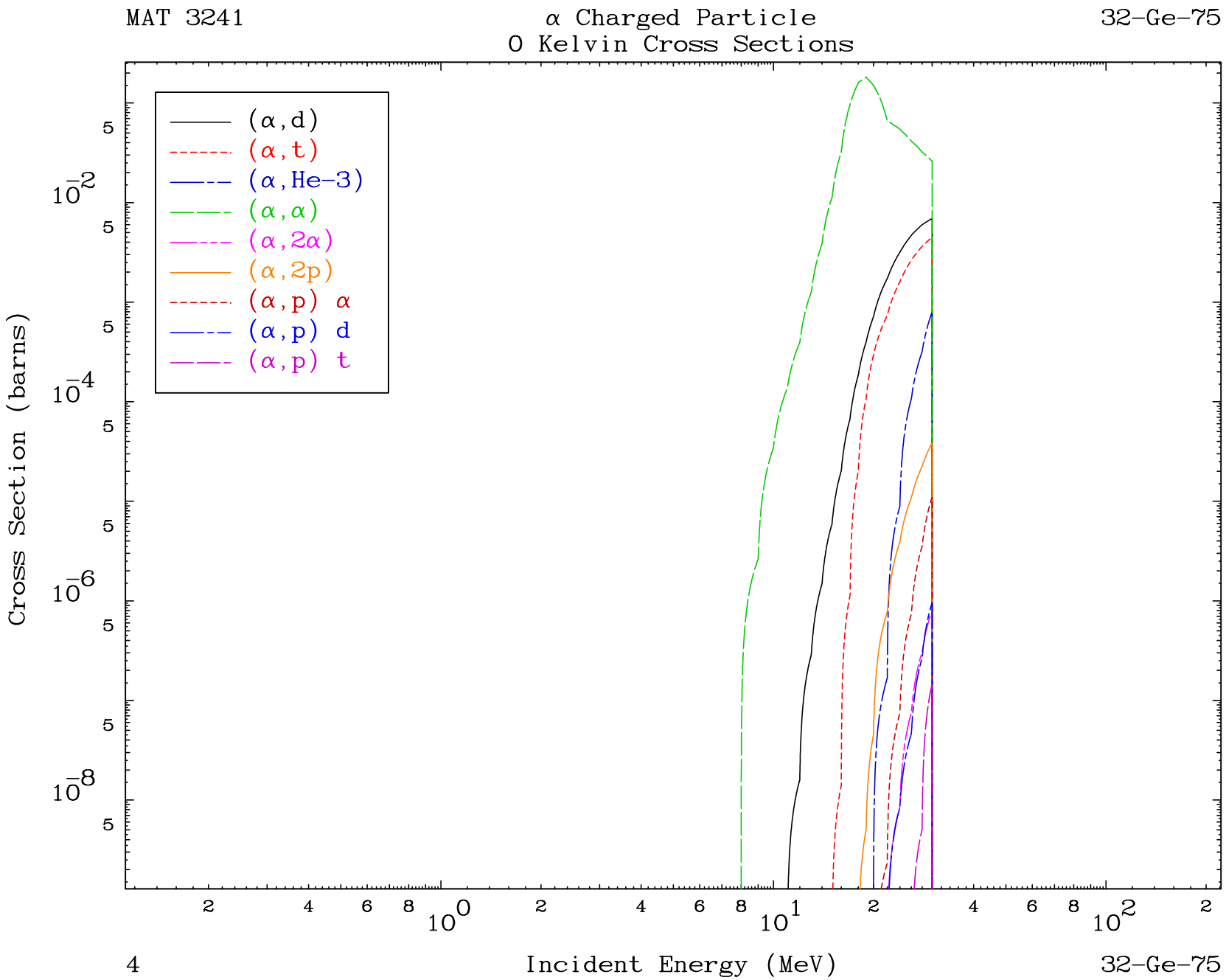
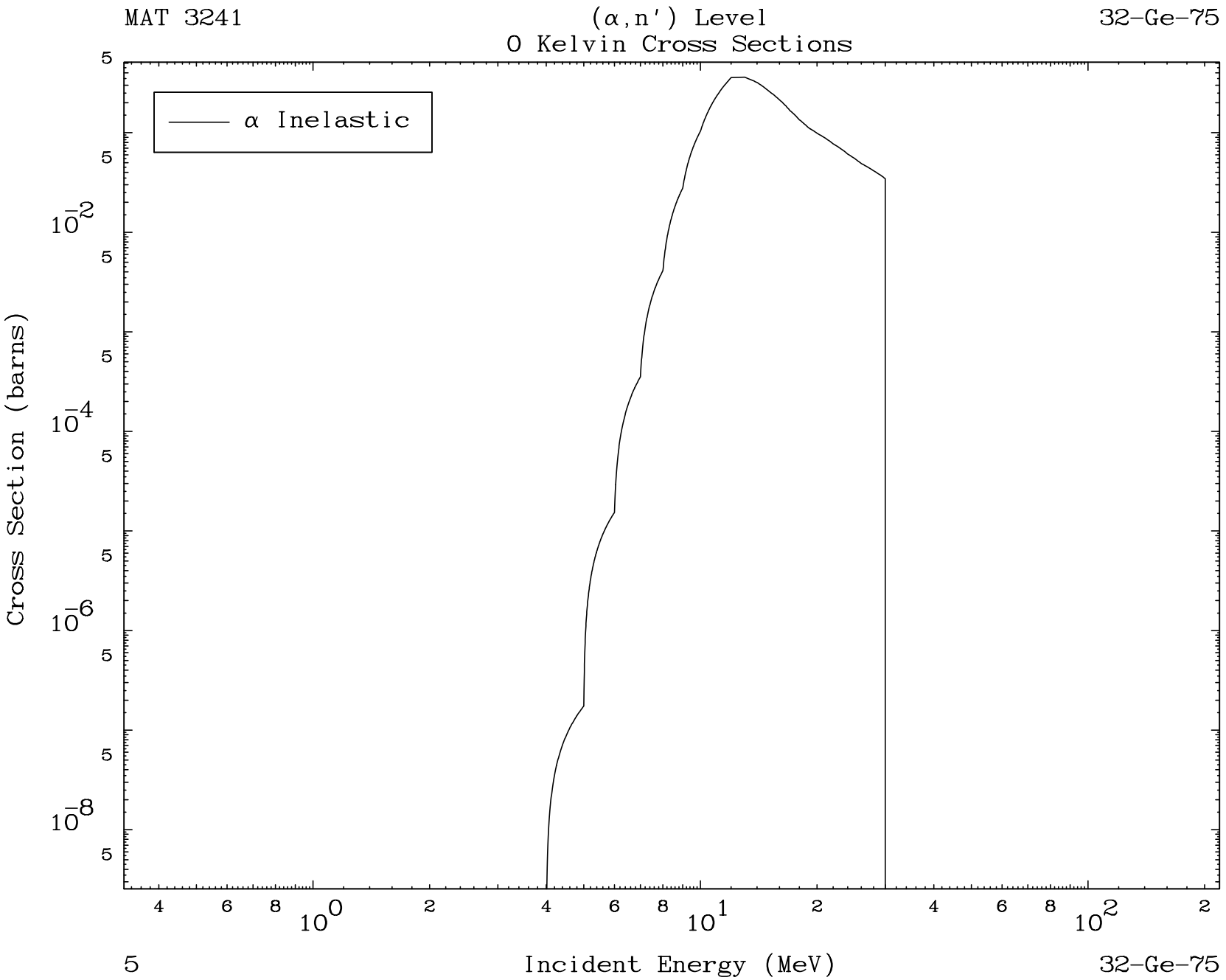
Press Mouse Button to Start

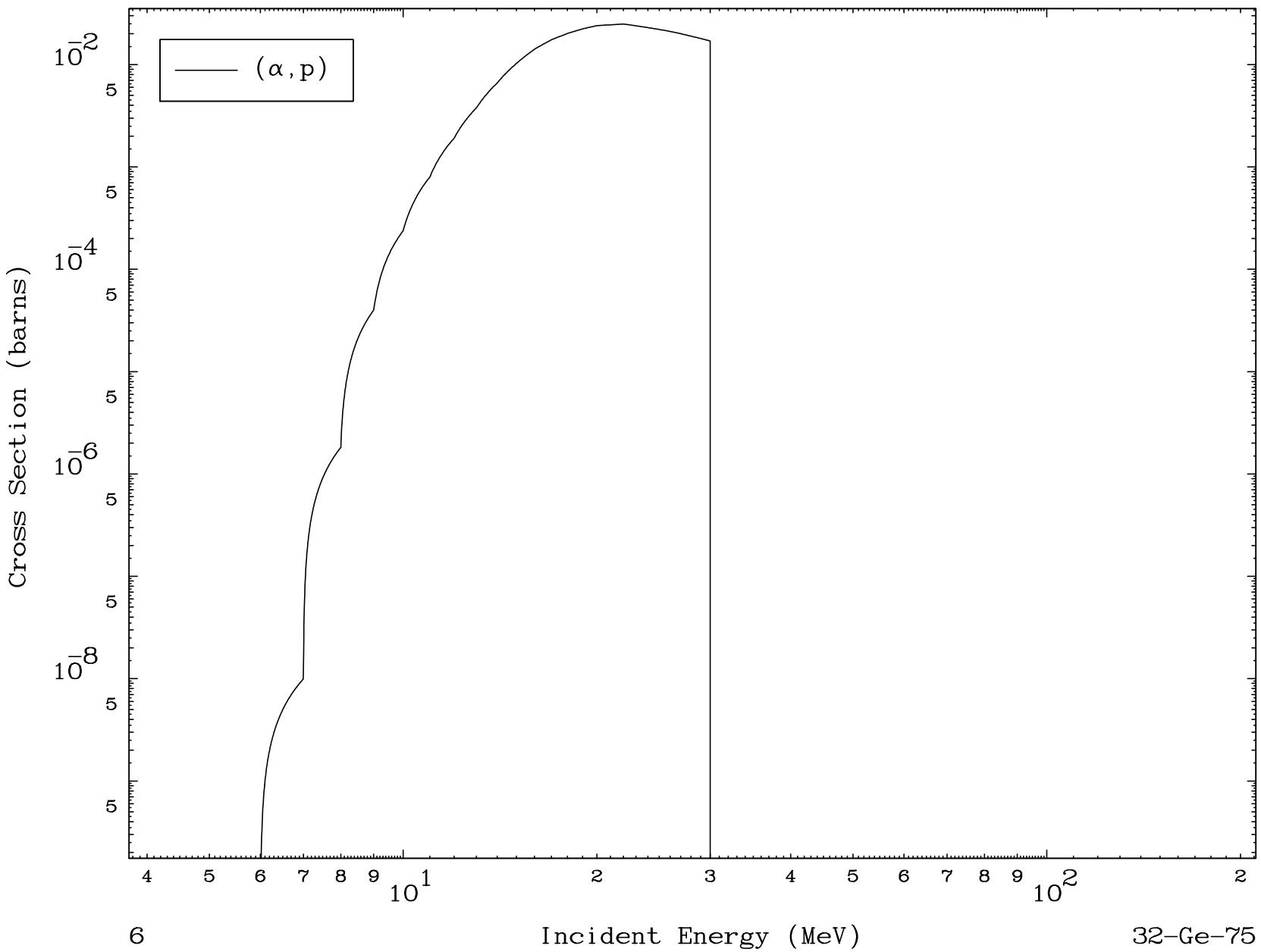

MAT 3241
α Major
32-Ge-75
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
32-Ge-75

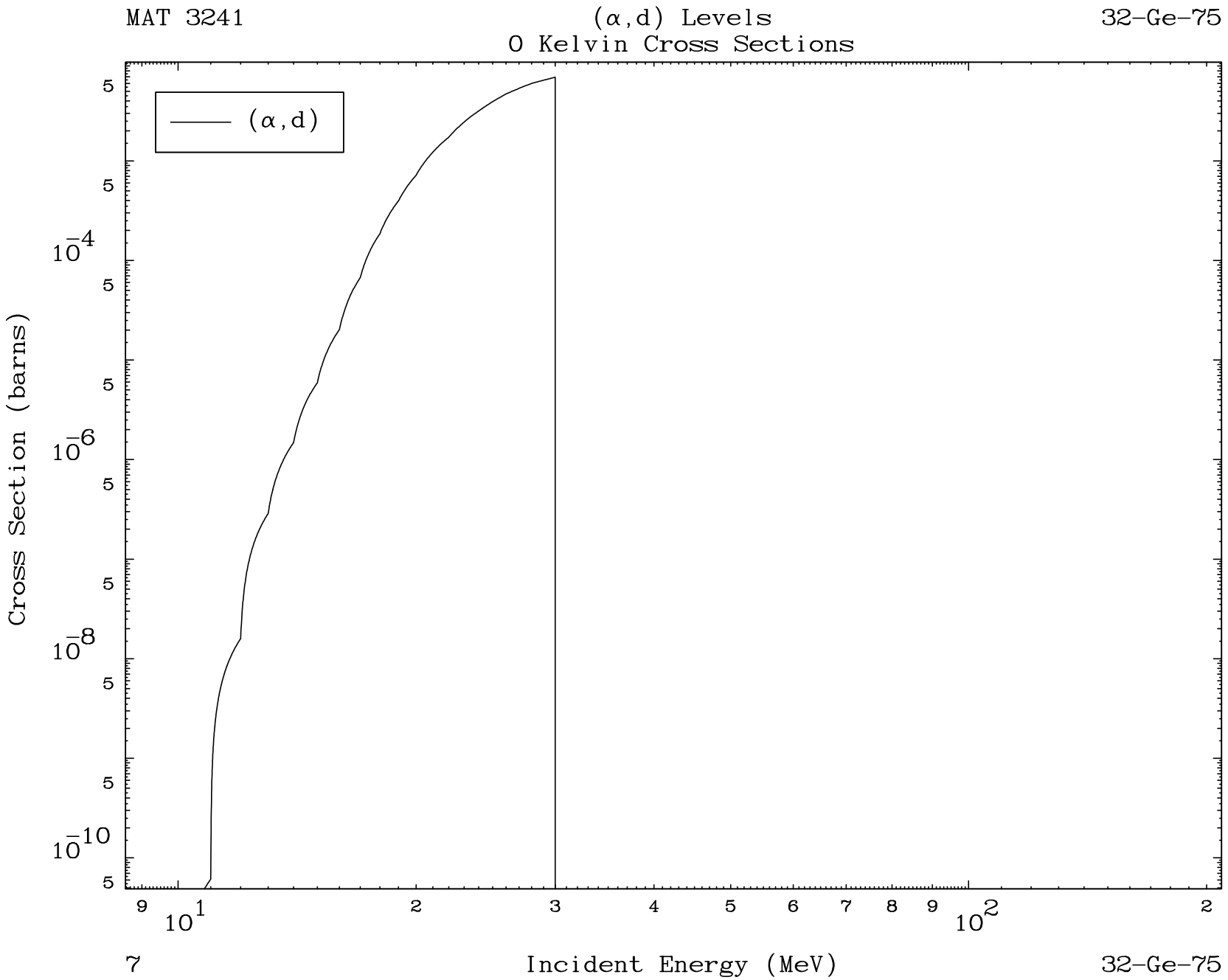

MAT 3241
α Neutron Production
0 Kelvin Cross Sections
32-Ge-75
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
32-Ge-75

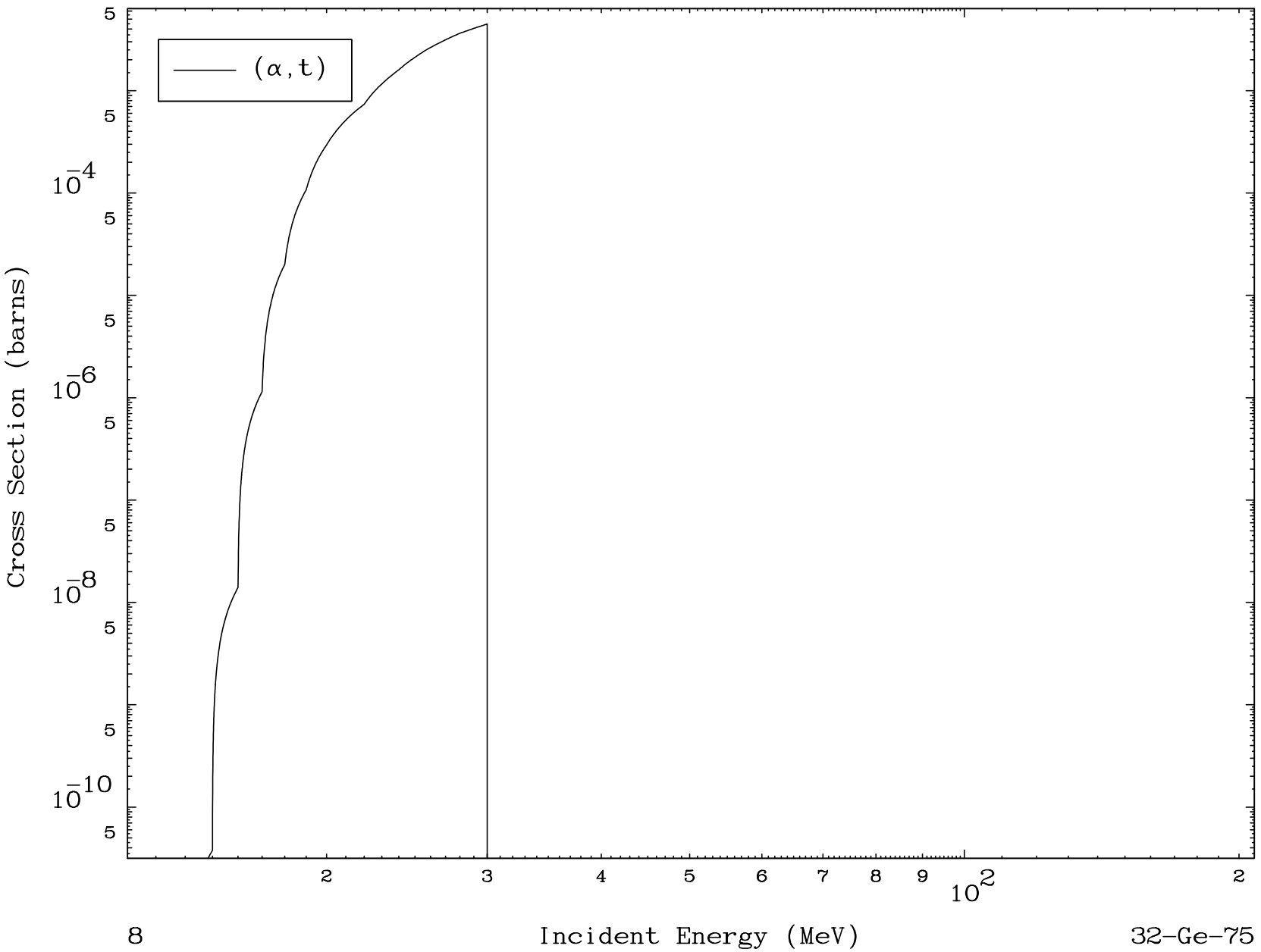

MAT 3241
α Charged Particle
0 Kelvin Cross Sections
32-Ge-75
Cross Section (barns)
10-2
10-4
10-6
10-8
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
3
32-Ge-75

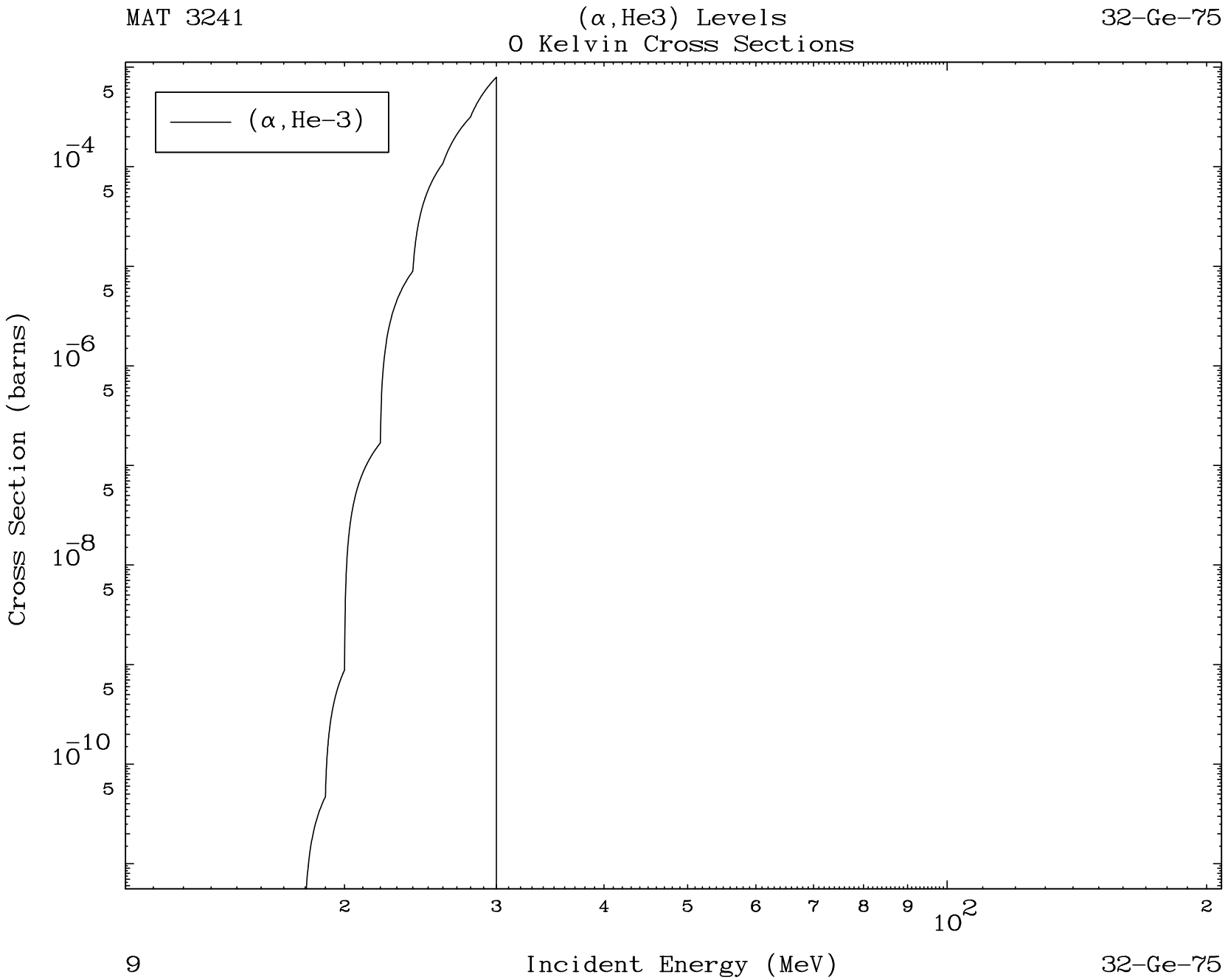

MAT 3241
α Charged Particle
0 Kelvin Cross Sections
32-Ge-75
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
4
32-Ge-75

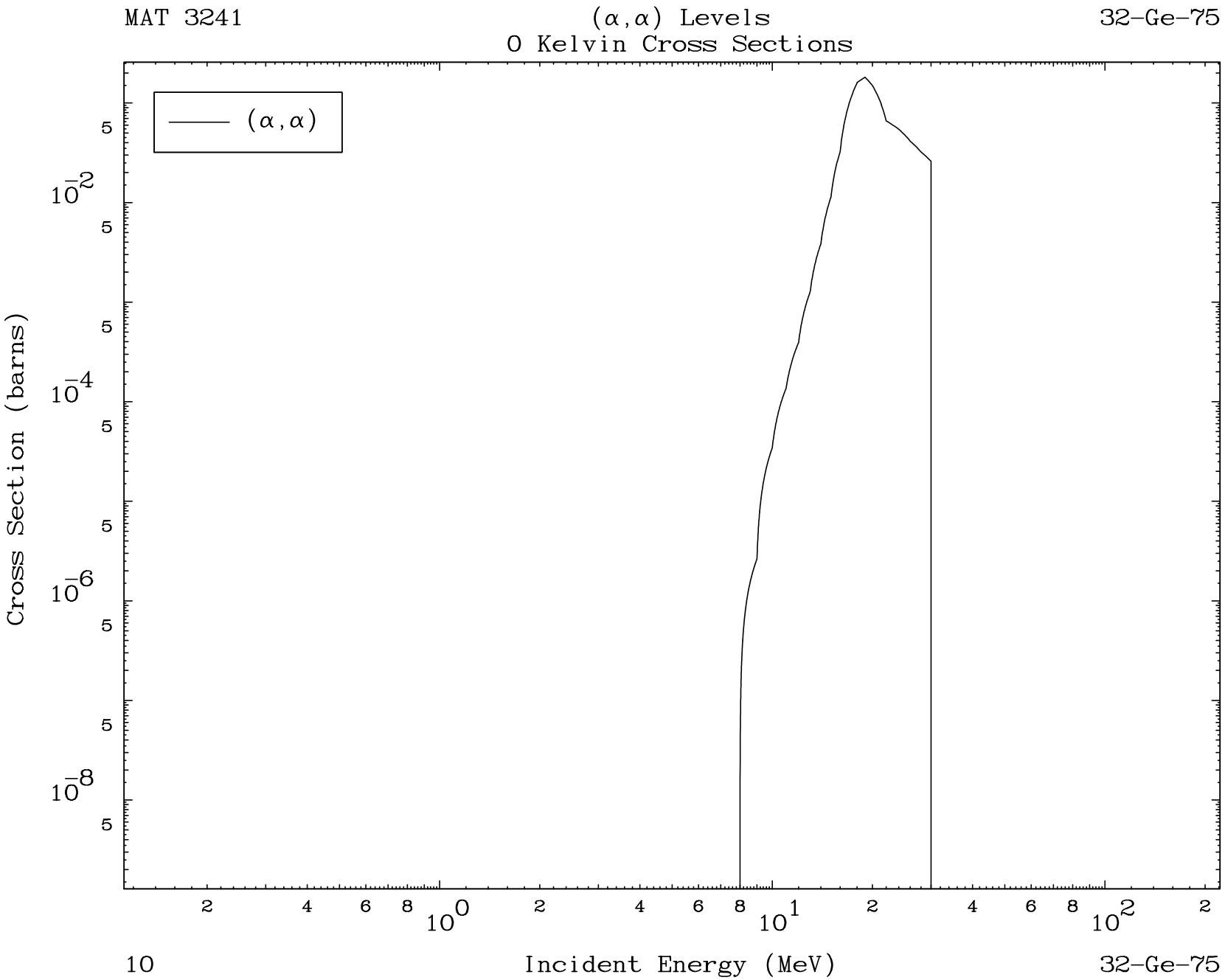

MAT 3241
(α,n') Level
32-Ge-75
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
32-Ge-75

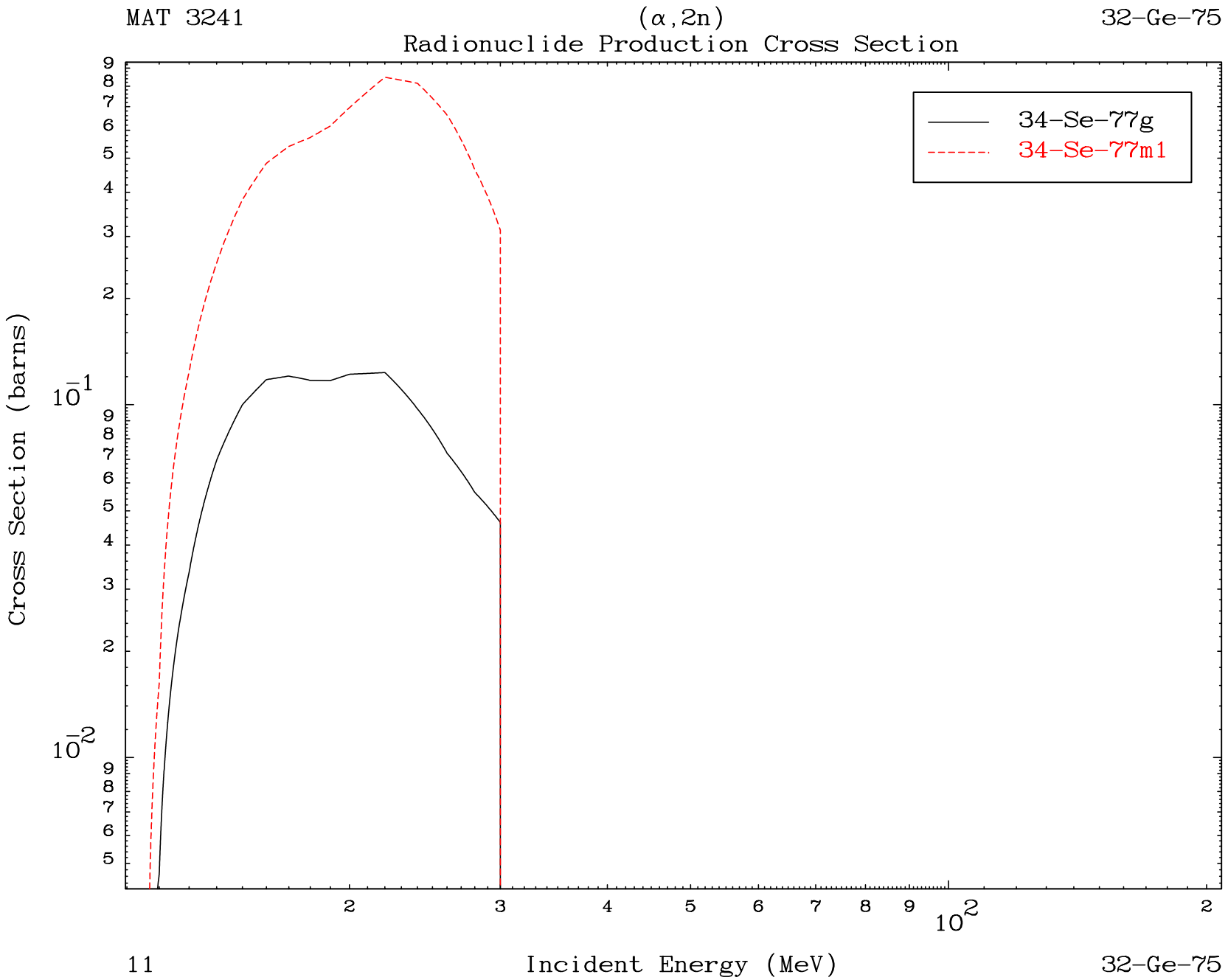

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

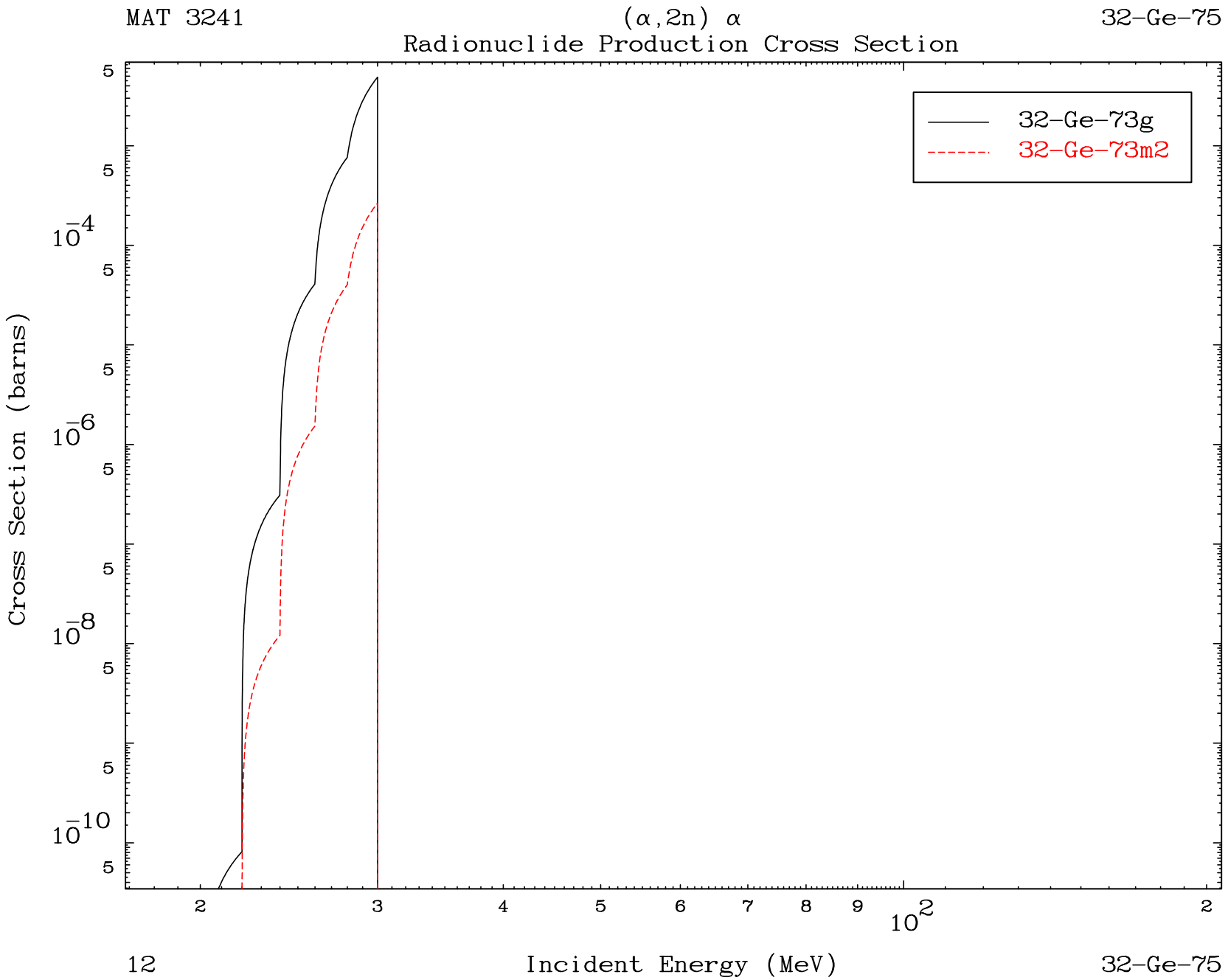

MAT 3241
(α,d) Levels
32-Ge-75
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-75
7

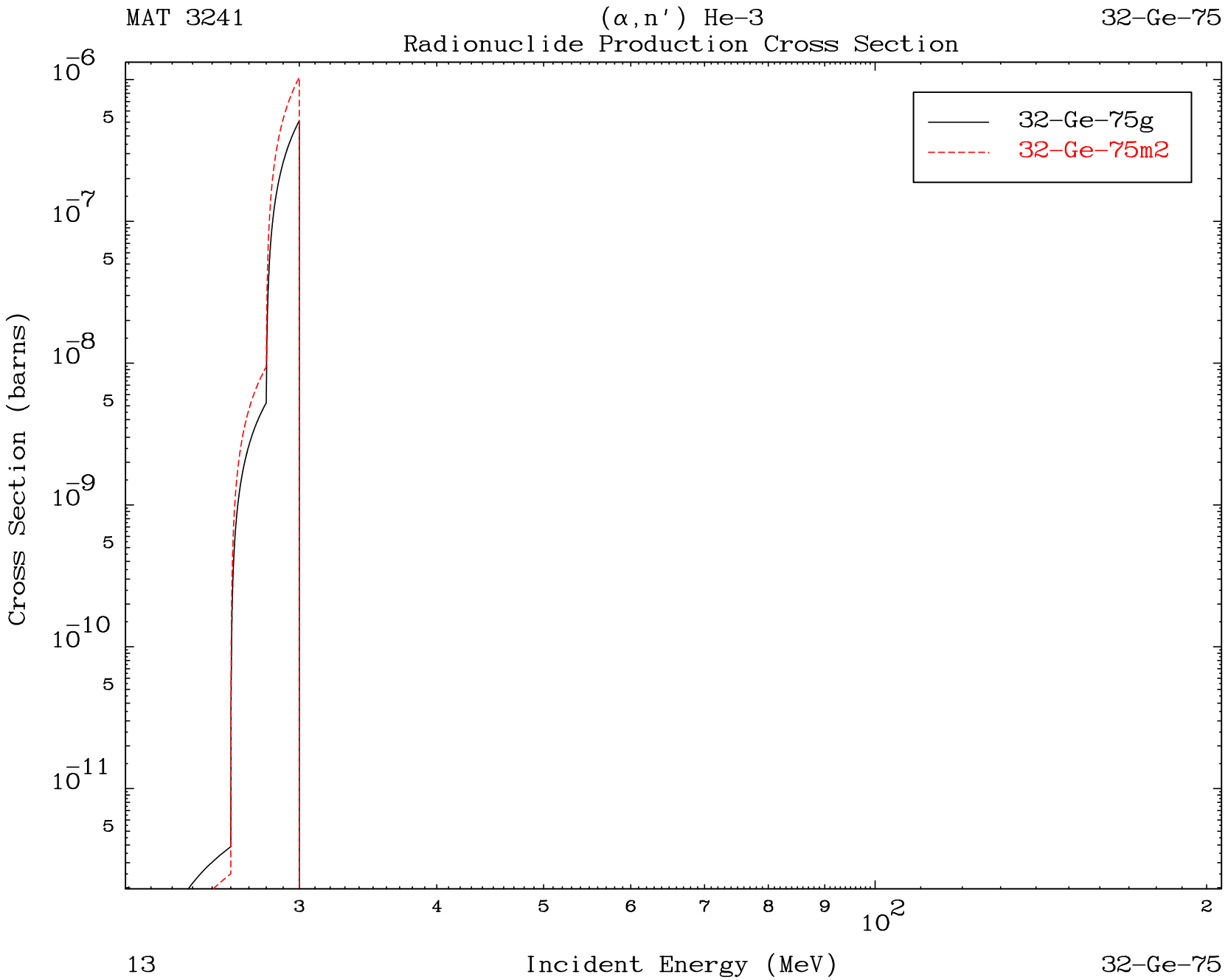

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

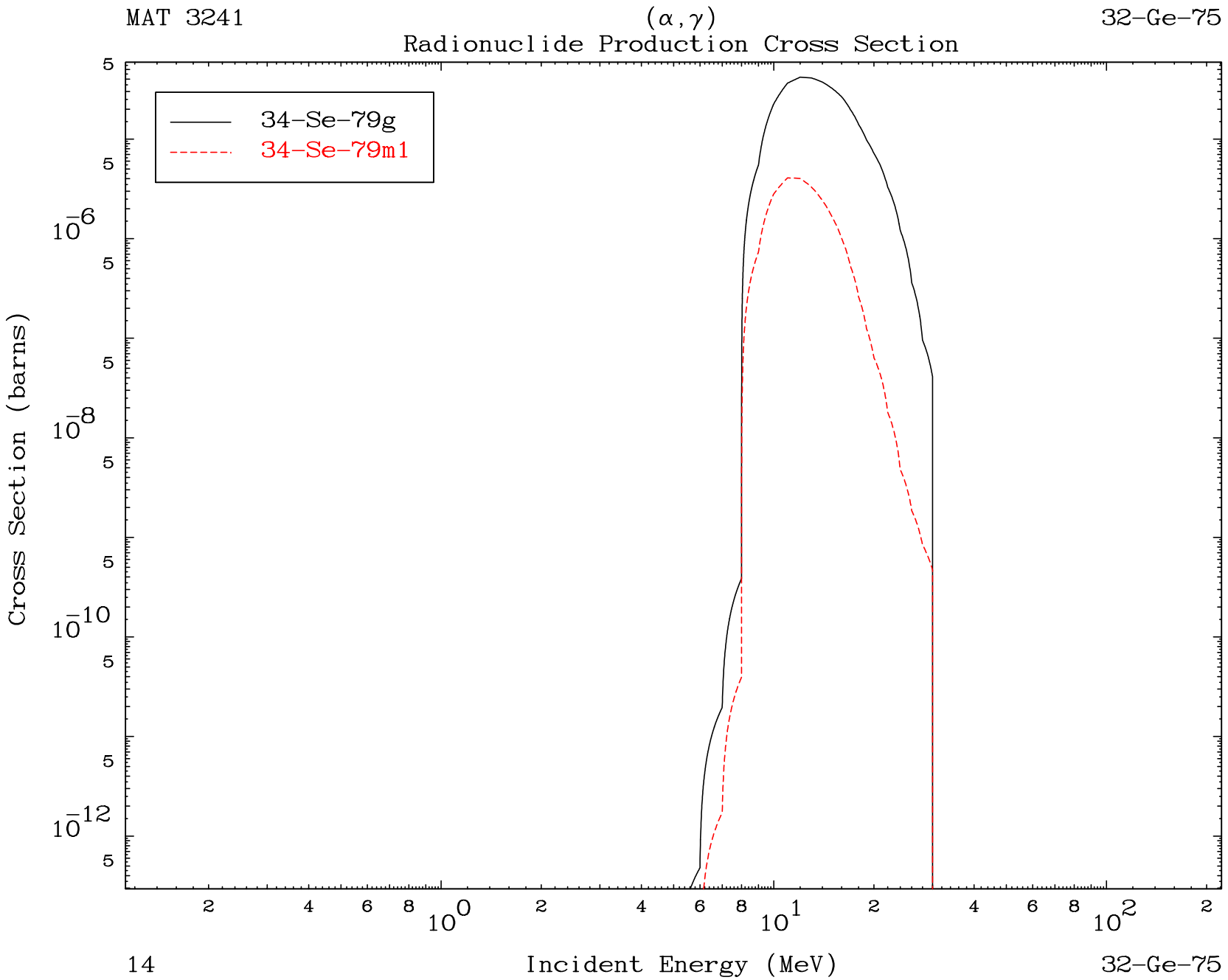

MAT 3241
(α,He3) Levels
32-Ge-75
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
32-Ge-75

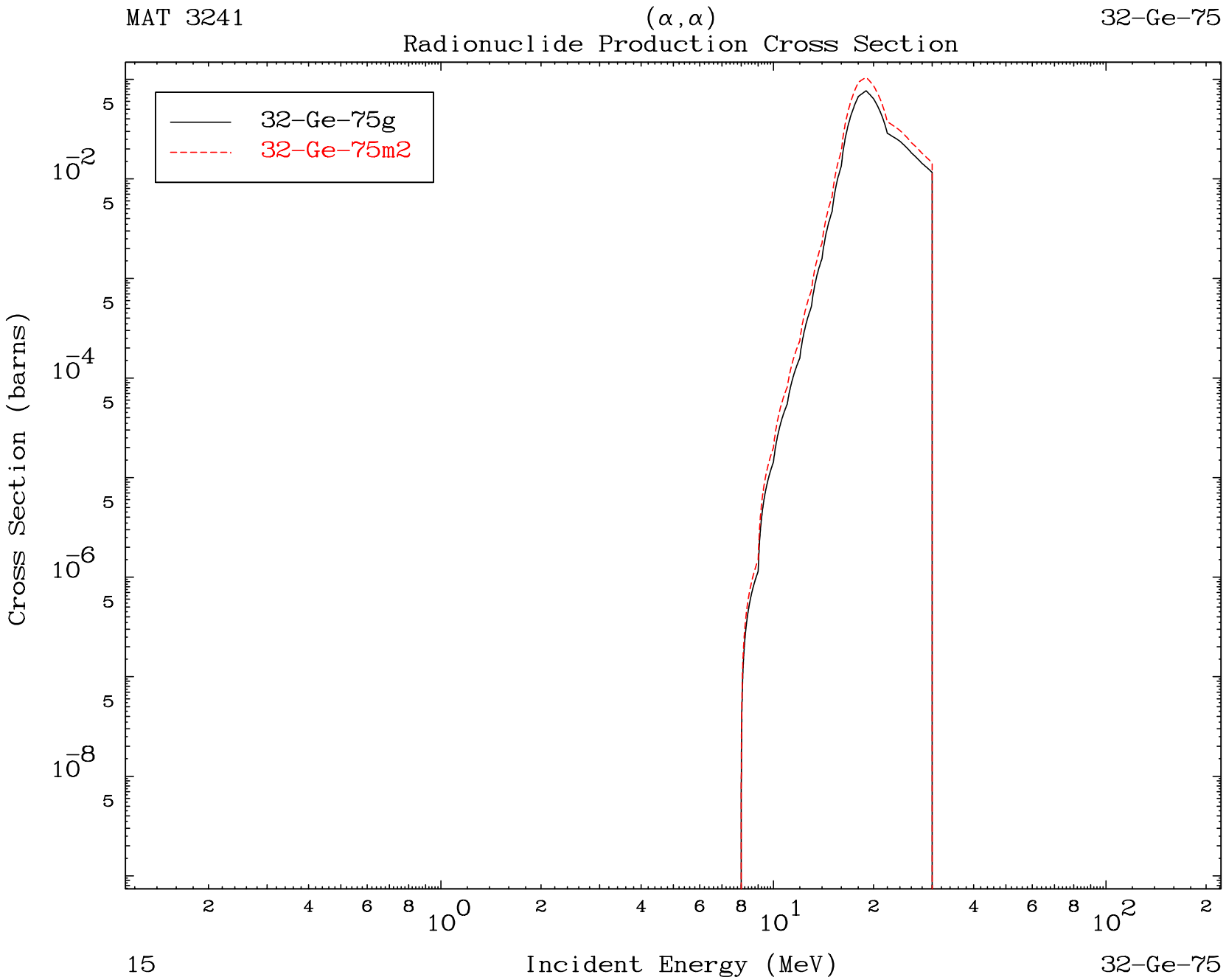

MAT 3241
(α,α) Levels
32-Ge-75
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-75
10

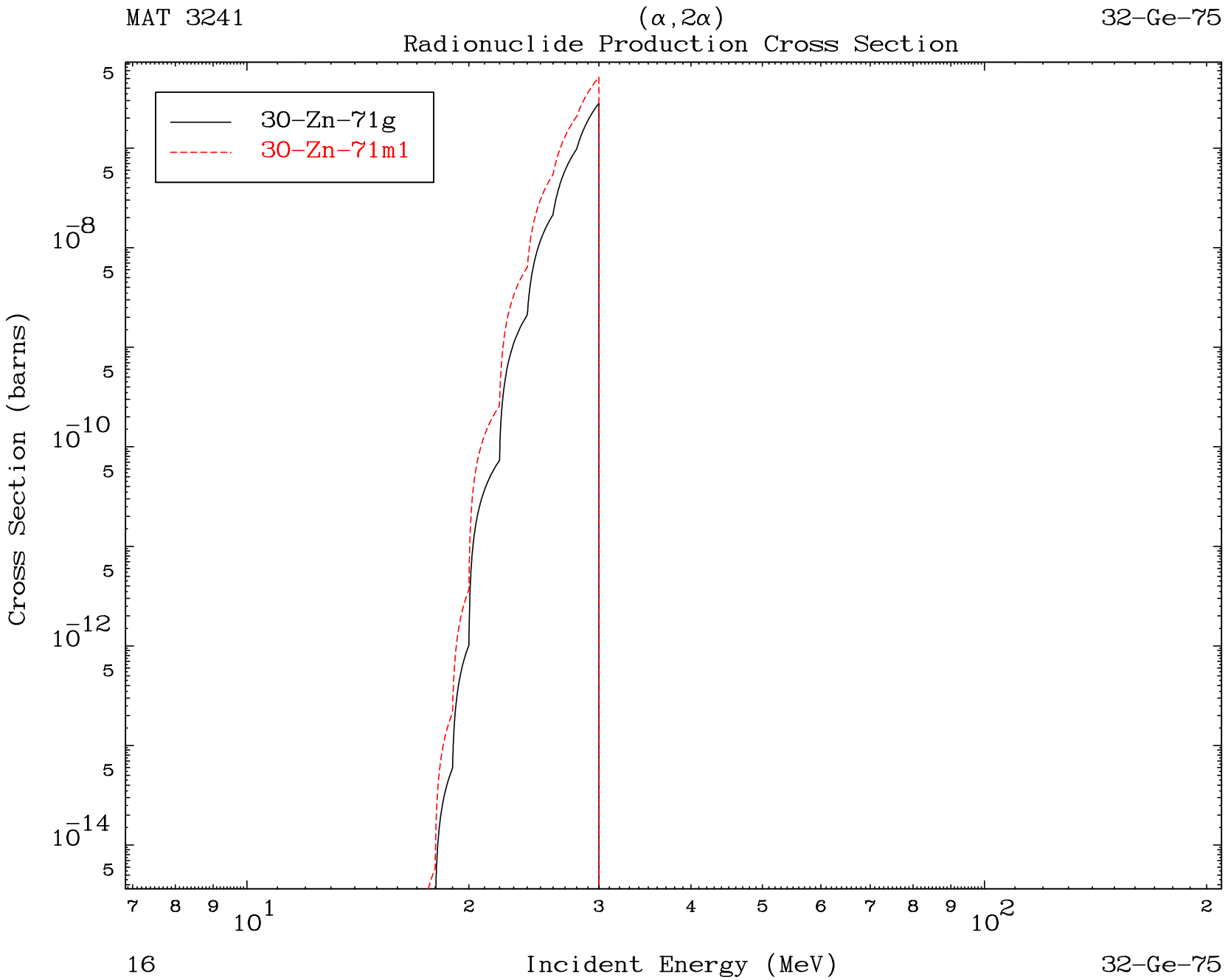

MAT 3241
(α,2n)
32-Ge-75
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
11
32-Ge-75

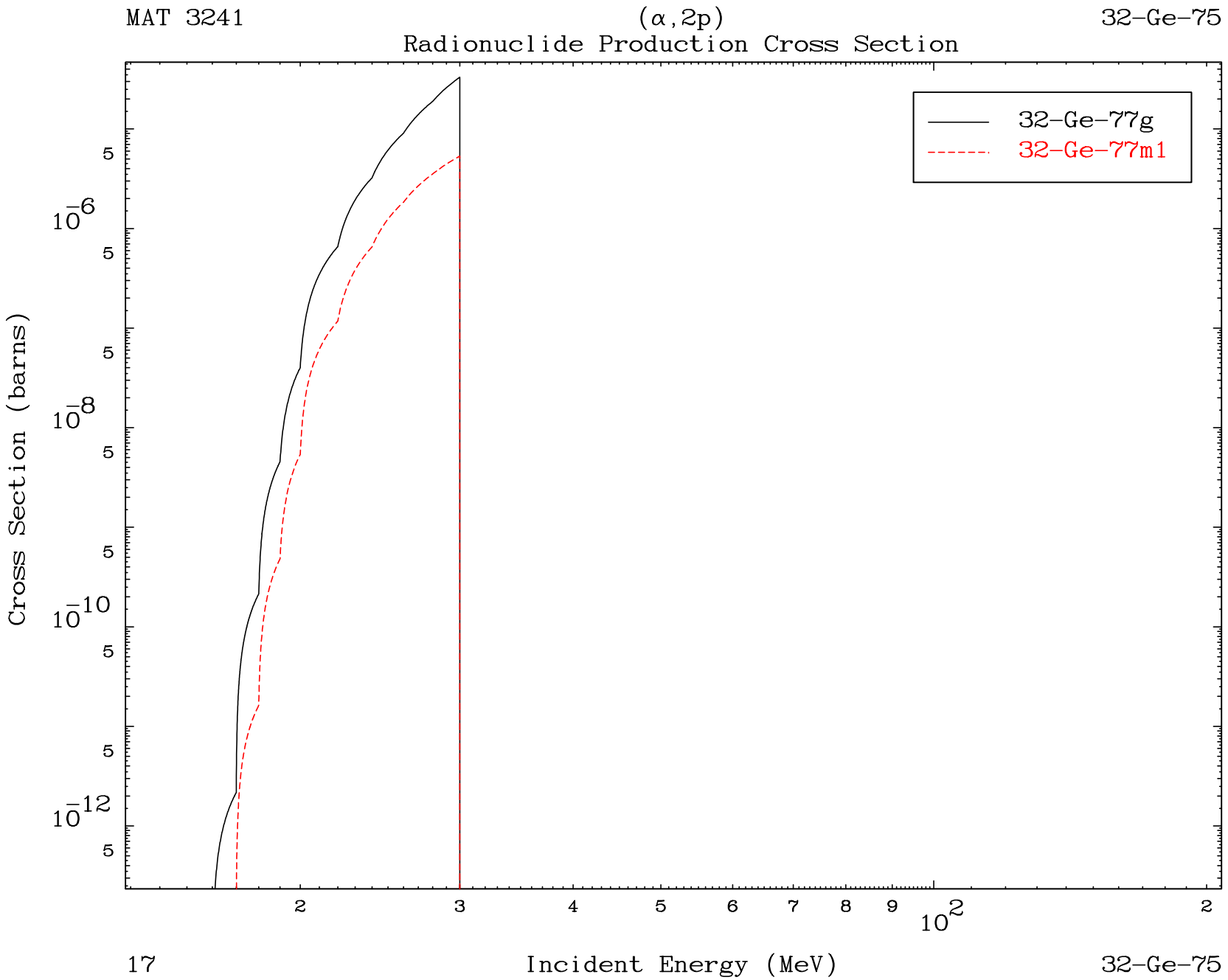

MAT 3241
(α,2n) α
32-Ge-75
Radionuclide Production Cross Section
32-Ge-73g
32-Ge-73m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
12
32-Ge-75

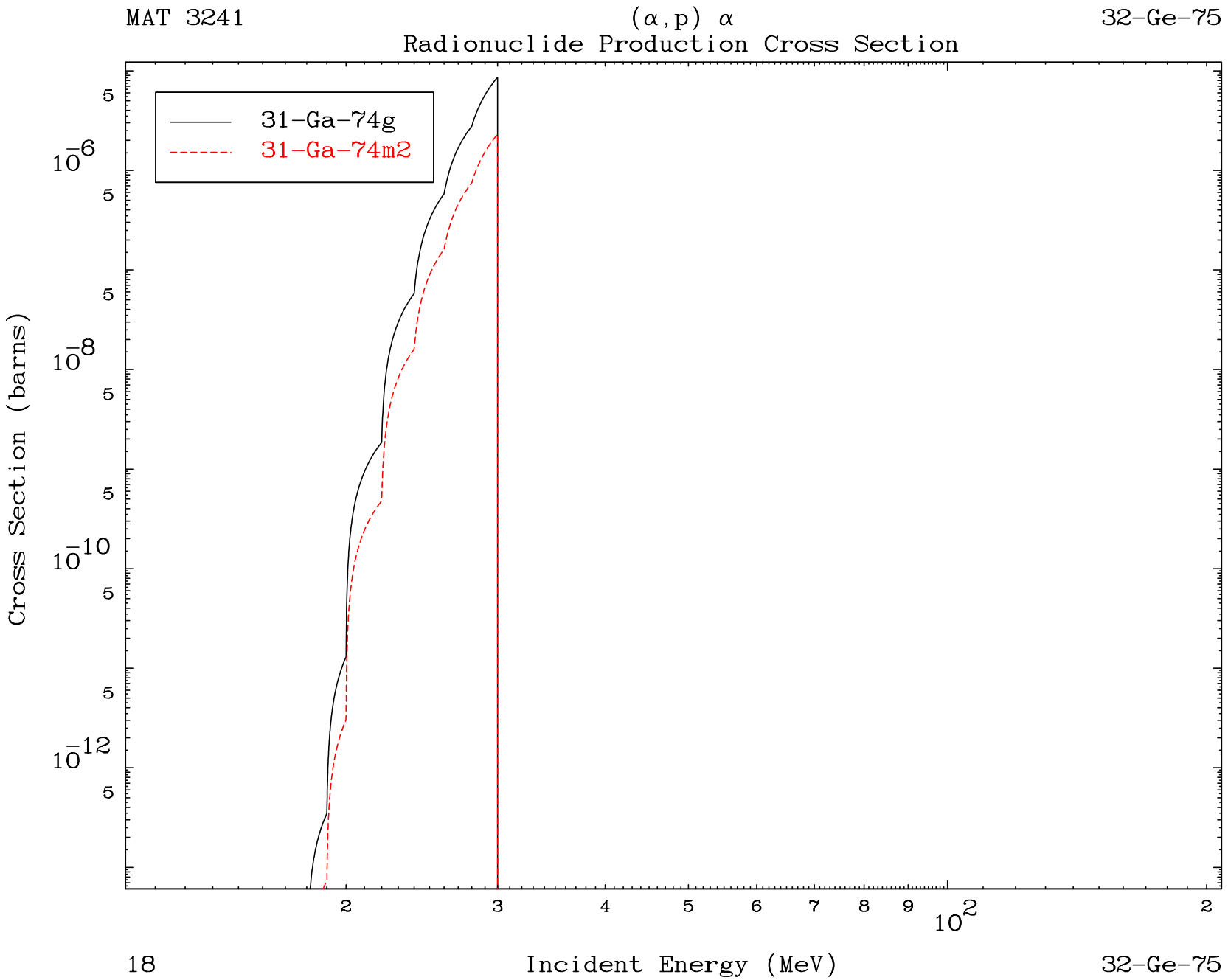

MAT 3241
(α,n') He-3
32-Ge-75
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
32-Ge-75

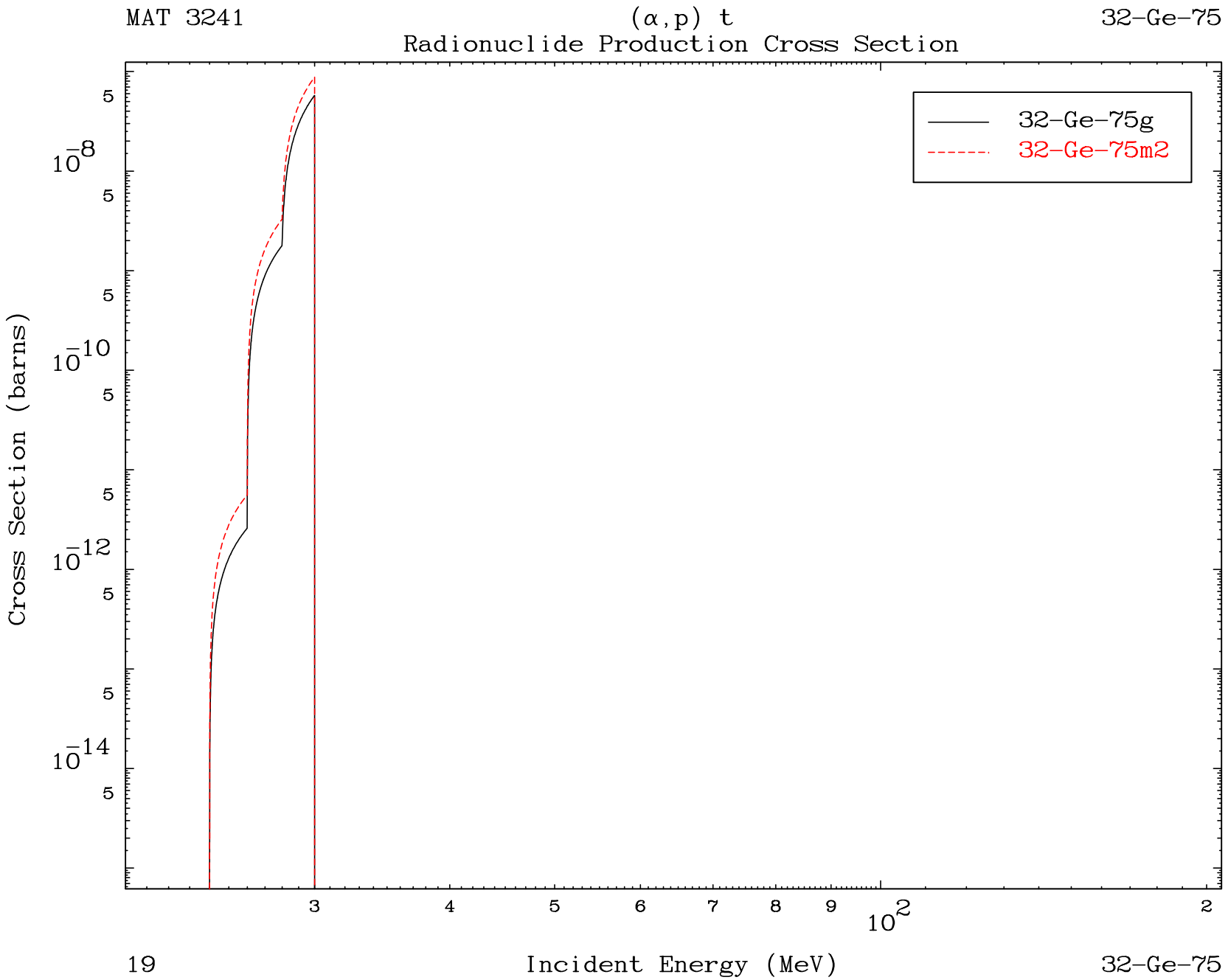

MAT 3241
(α,γ)
32-Ge-75
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
14
32-Ge-75


MAT 3241
(α,α)
32-Ge-75
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
15
32-Ge-75


MAT 3241
(α,2α)
32-Ge-75
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
16
32-Ge-75


MAT 3241
(α,2p)
32-Ge-75
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
17
32-Ge-75


MAT 3241
(α,p) α
32-Ge-75
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
18
32-Ge-75


MAT 3241
(α,p) t
32-Ge-75
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
6
7
8
9
10^2
2
19
Incident Energy (MeV)
32-Ge-75