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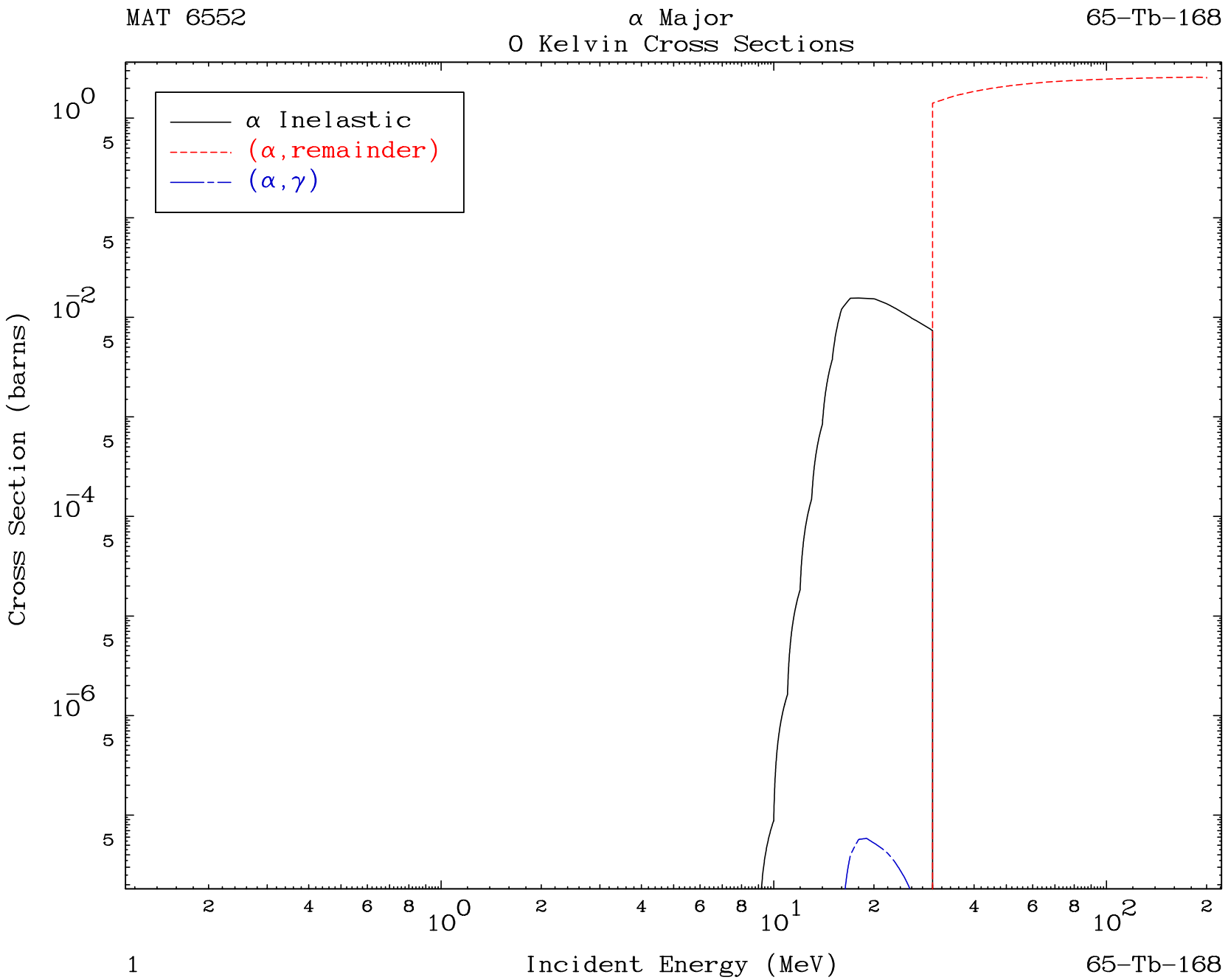
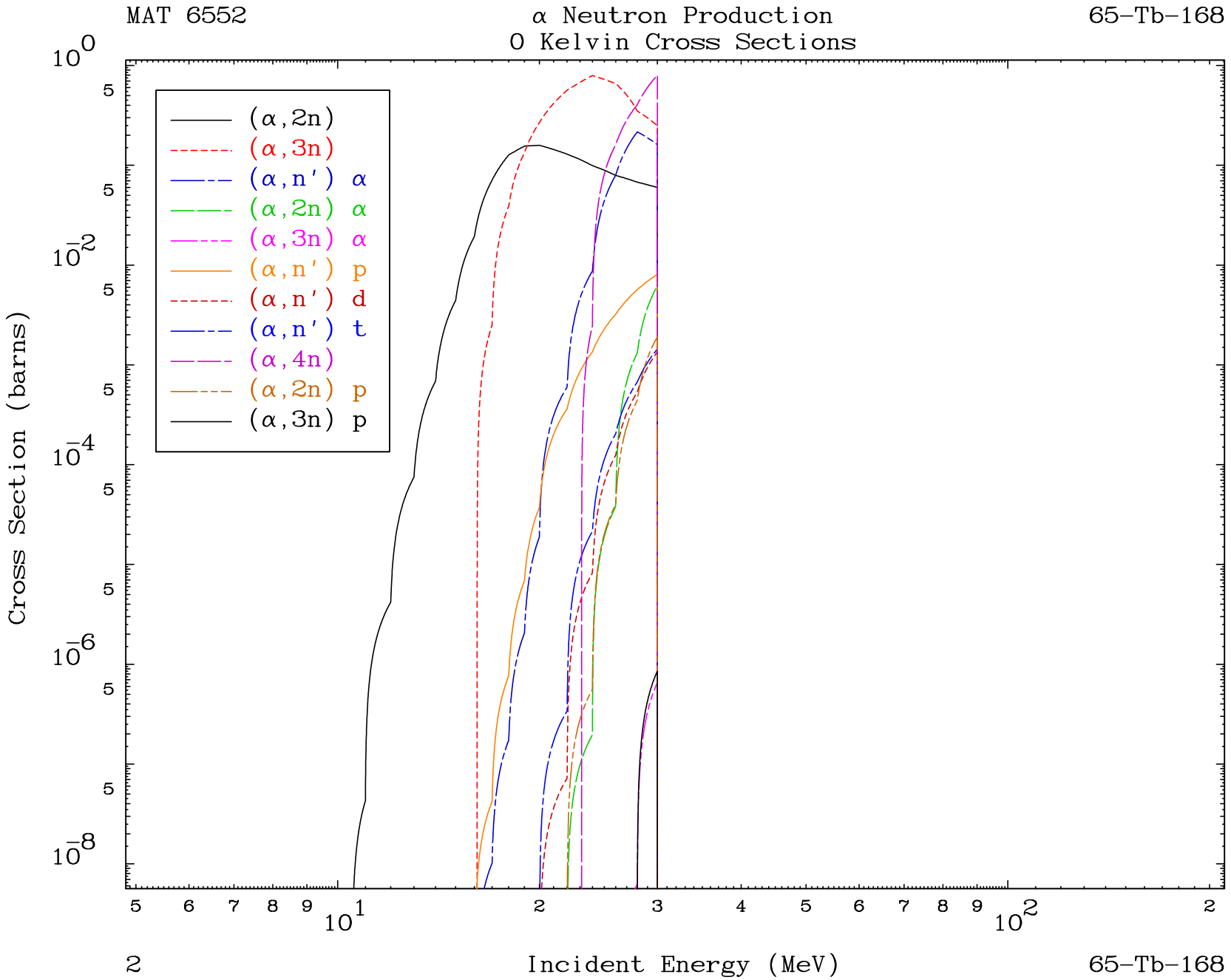
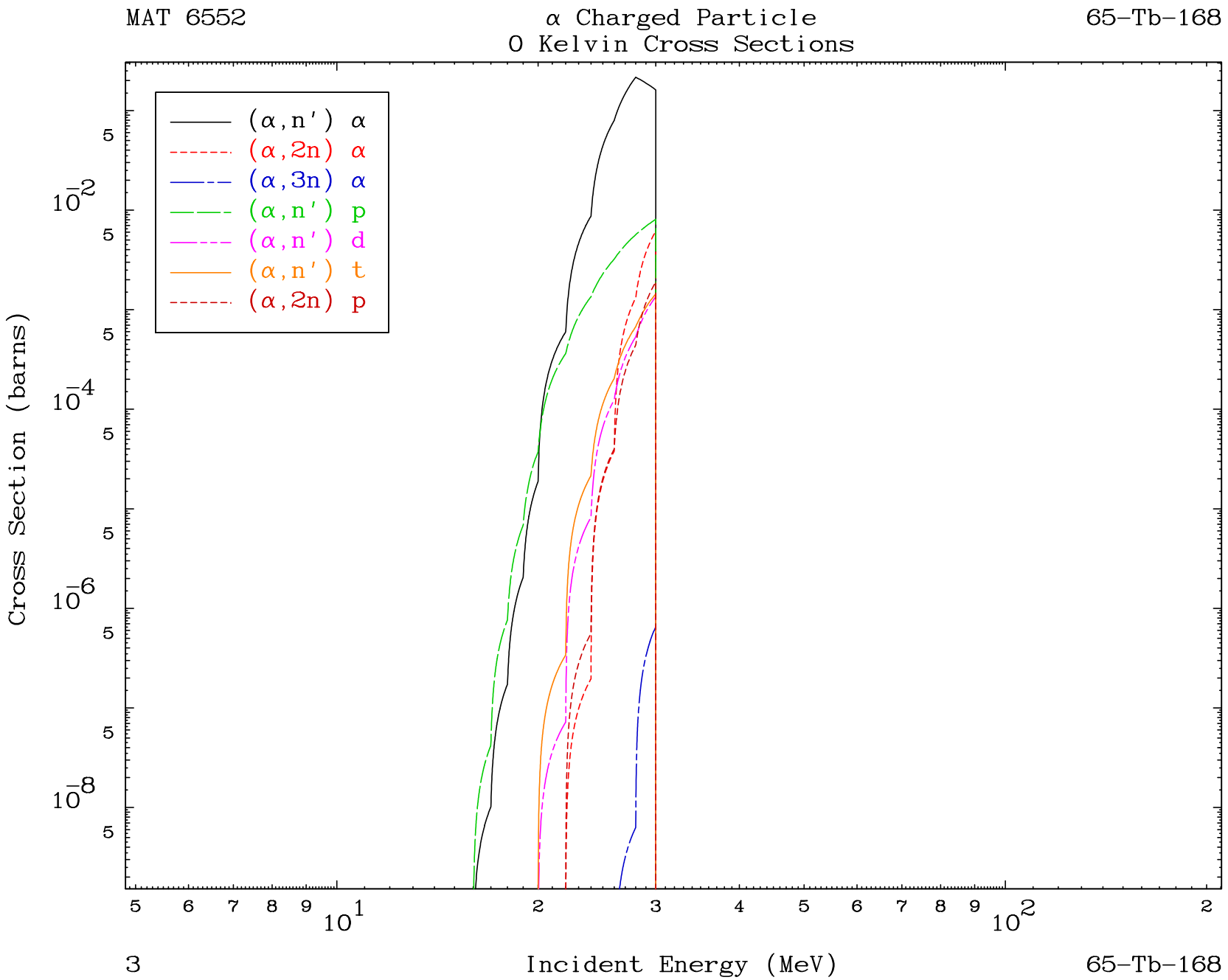
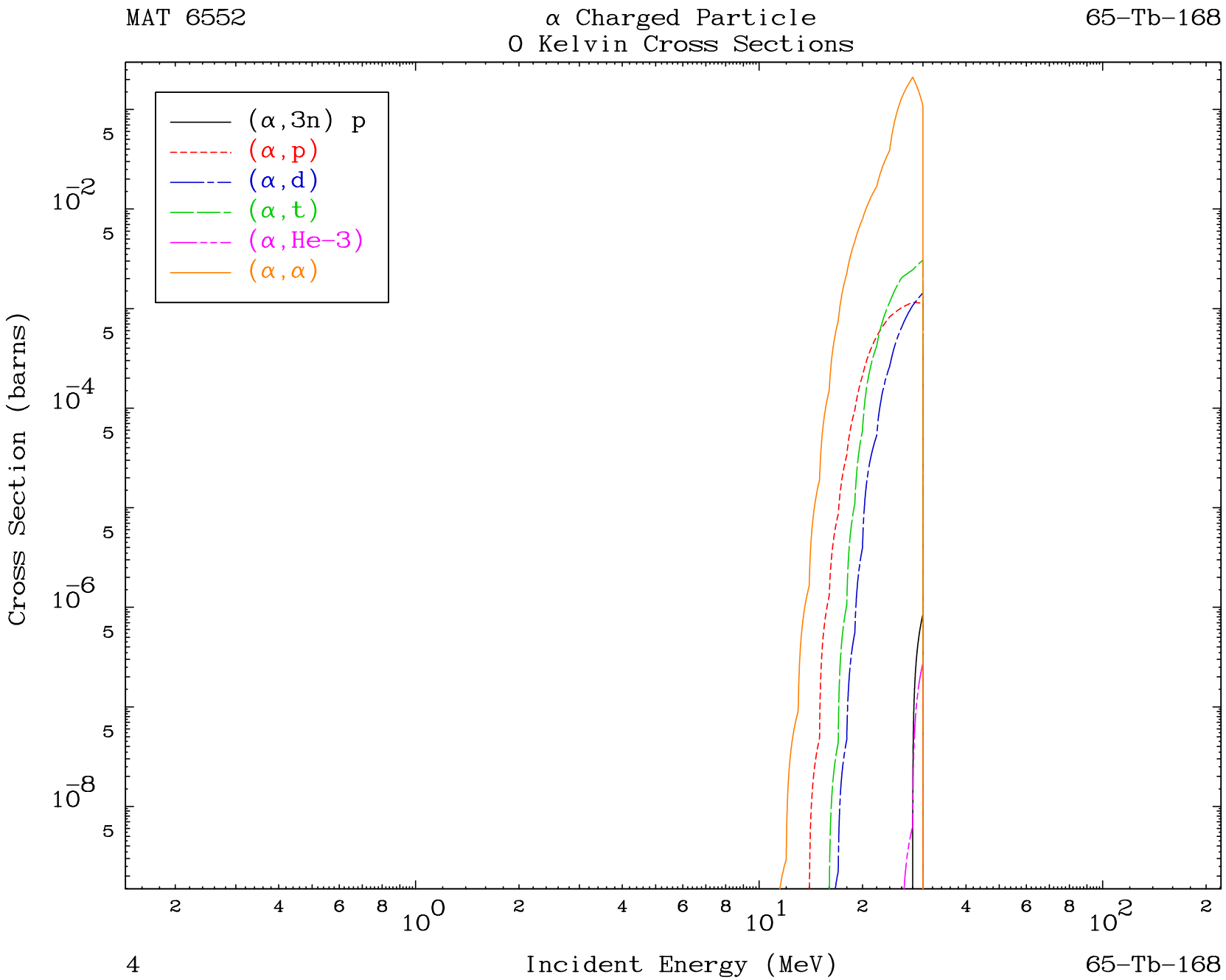
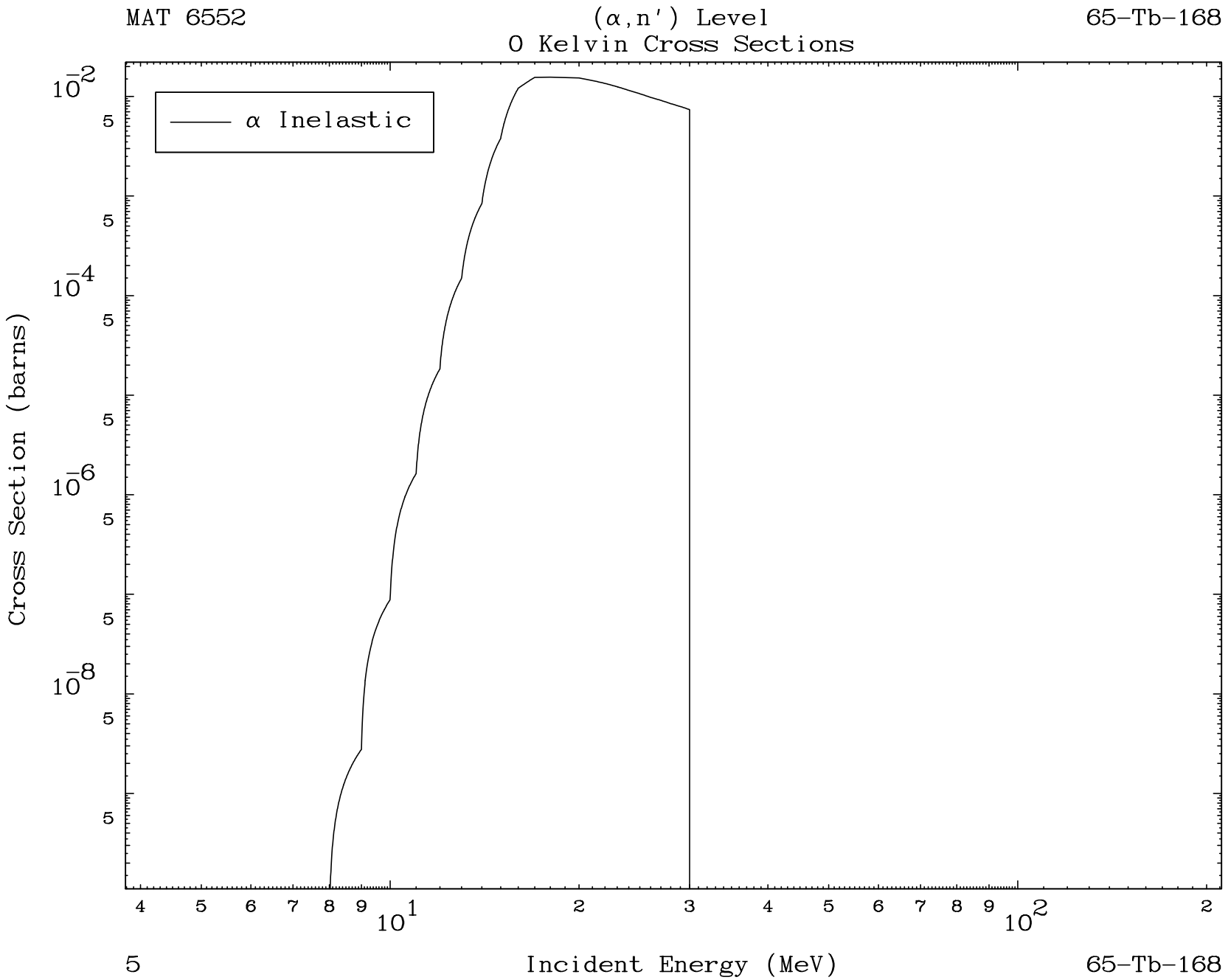
Press Mouse Button to Start

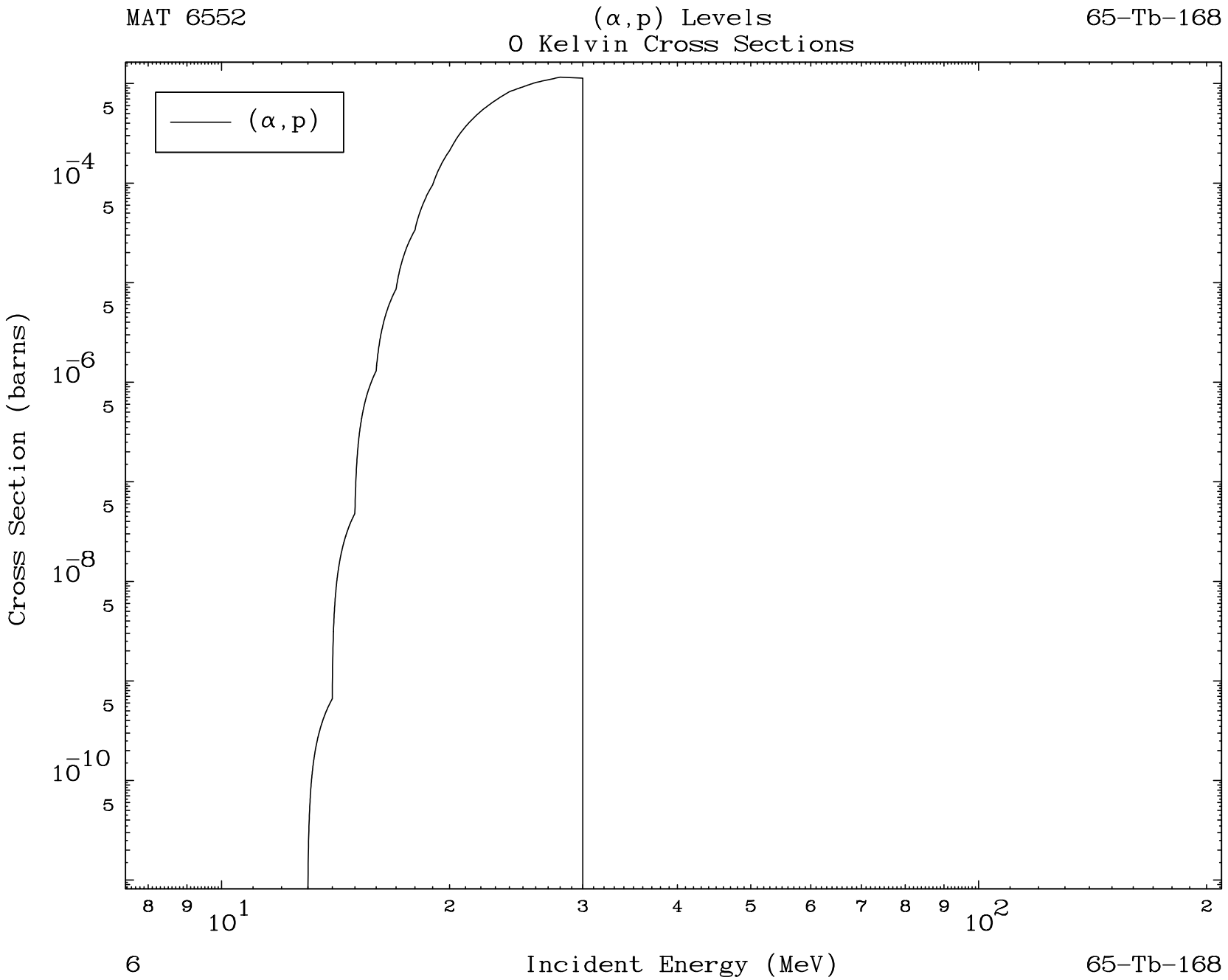

MAT 6552
α Major
65-Tb-168
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-168
1

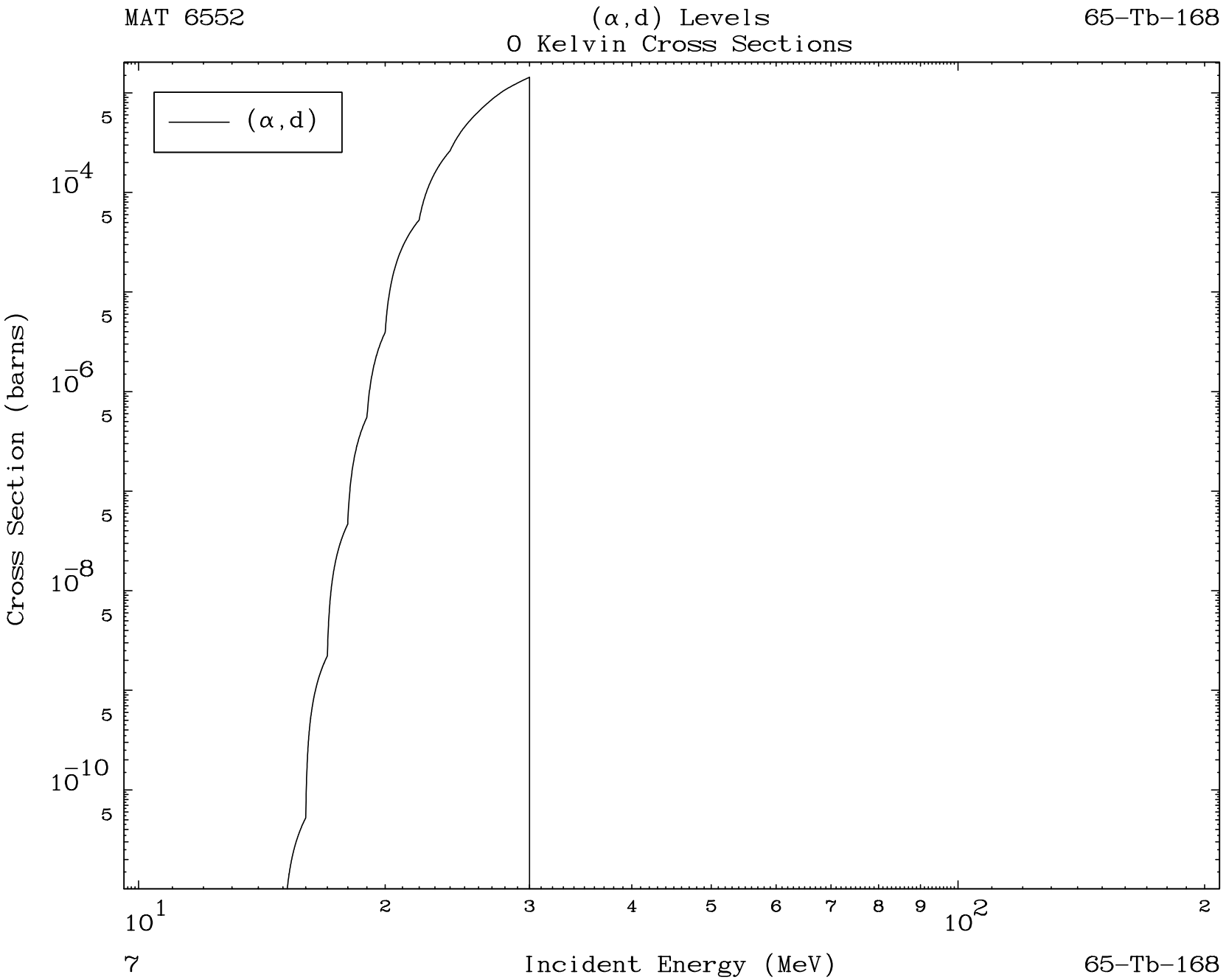

MAT 6552
α Neutron Production
0 Kelvin Cross Sections
65-Tb-168
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
65-Tb-168

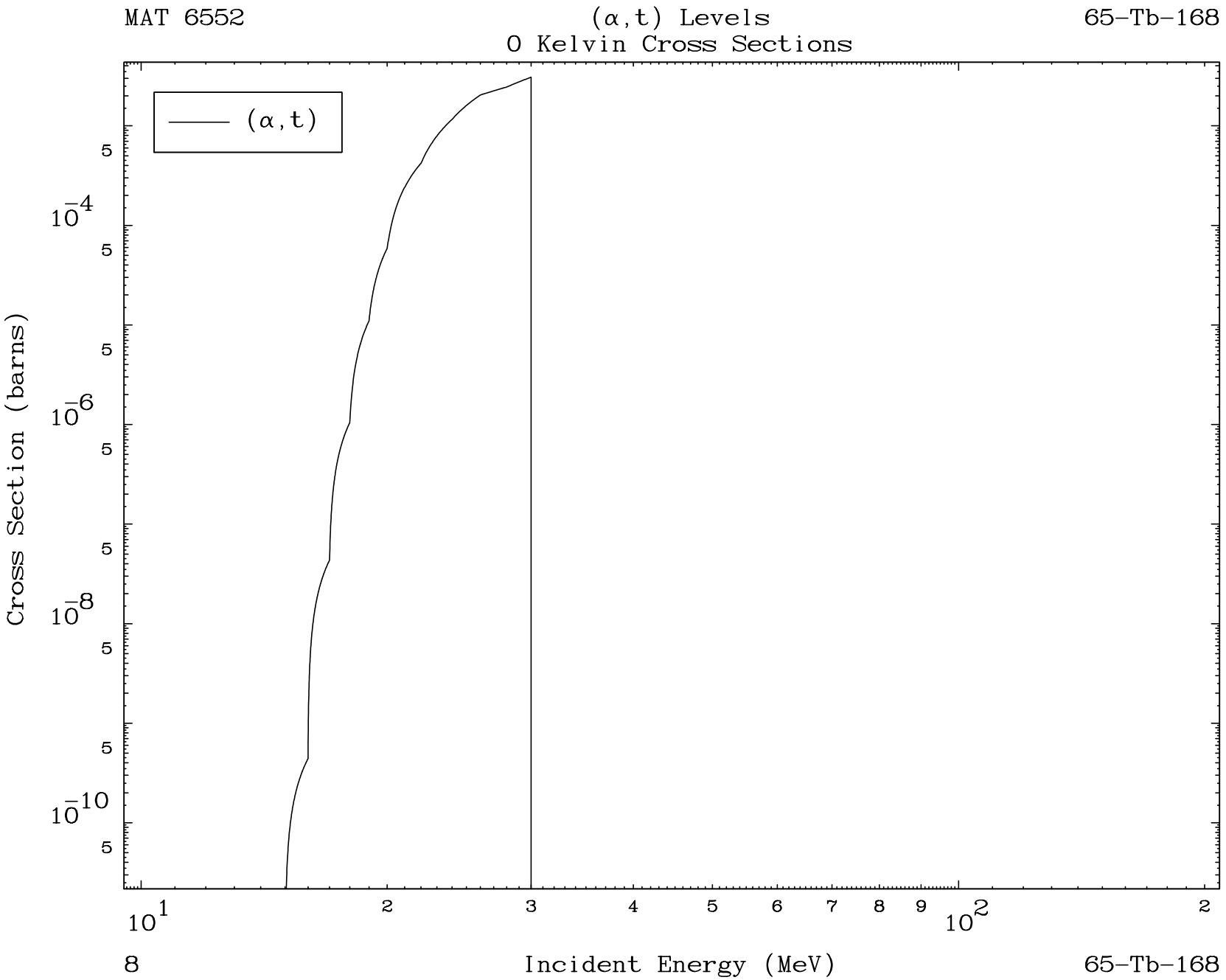

MAT 6552
α Charged Particle
0 Kelvin Cross Sections
65-Tb-168
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
5
5
5
5
5
5
5
5 6 7 8 9 10 1
2 3 4 5 6 7 8 9 10 2
2
3
Incident Energy (MeV)
65-Tb-168

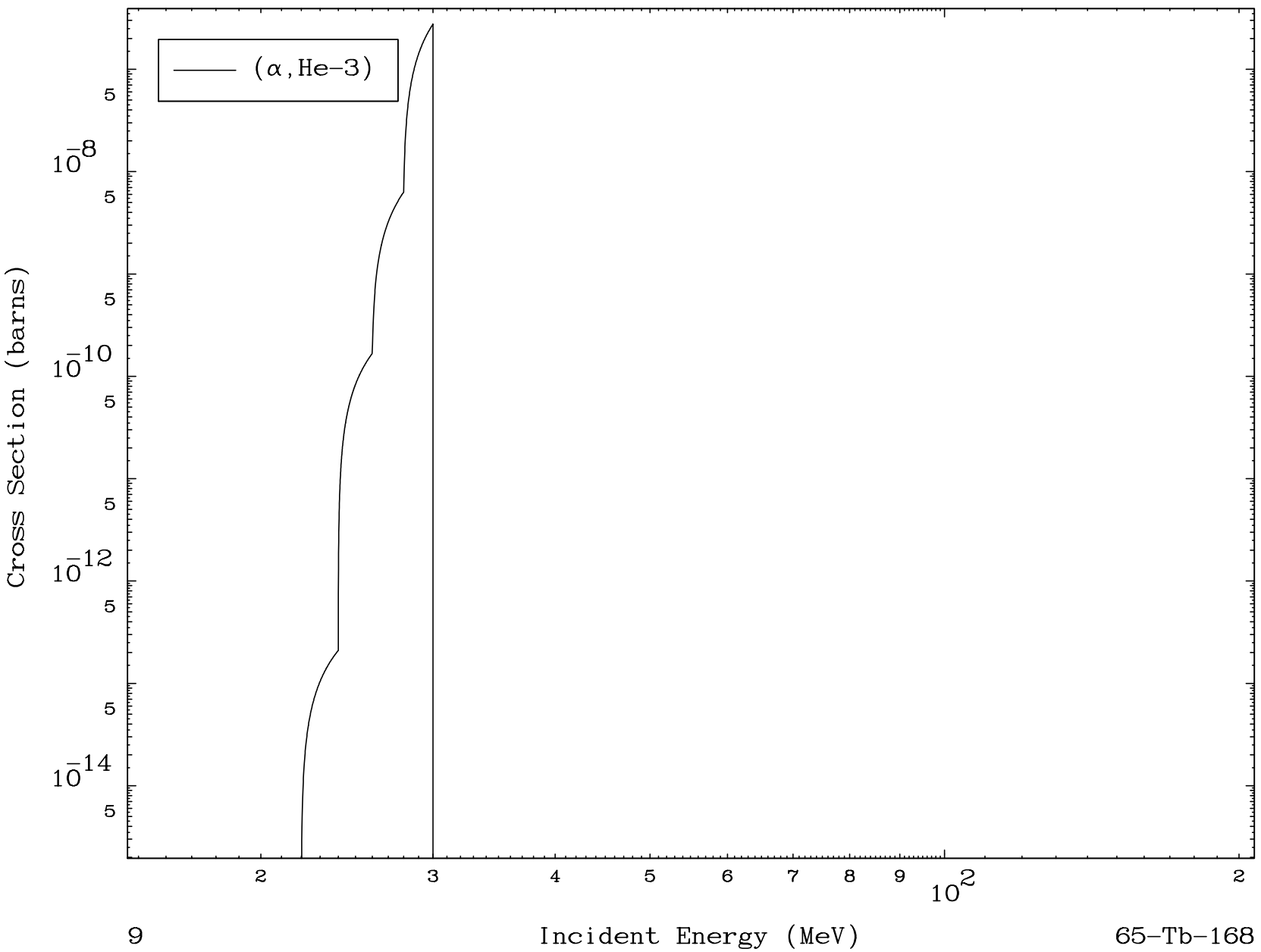

MAT 6552
α Charged Particle
0 Kelvin Cross Sections
65-Tb-168
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-168

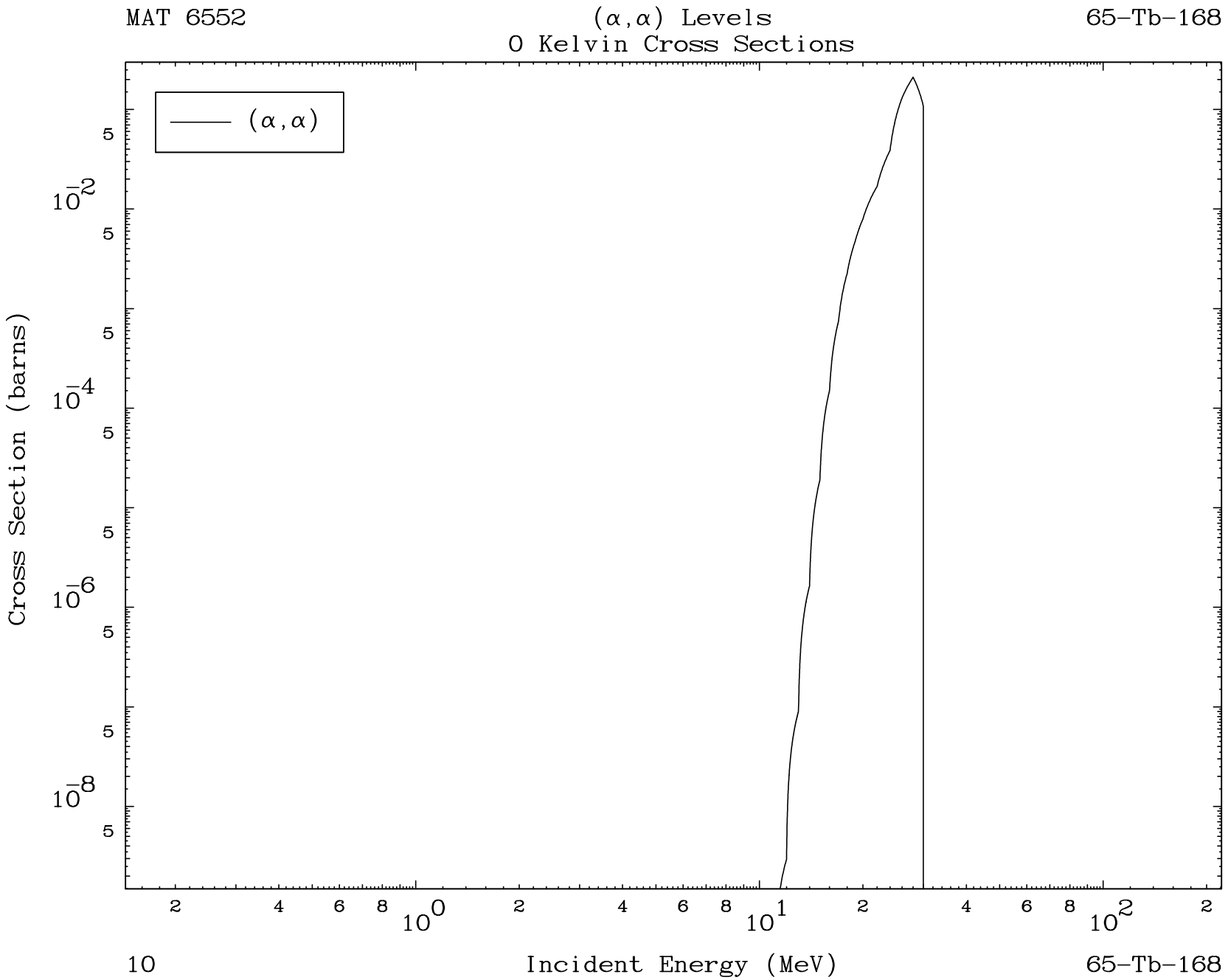

MAT 6552
(α,n') Level
65-Tb-168
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
5
65-Tb-168

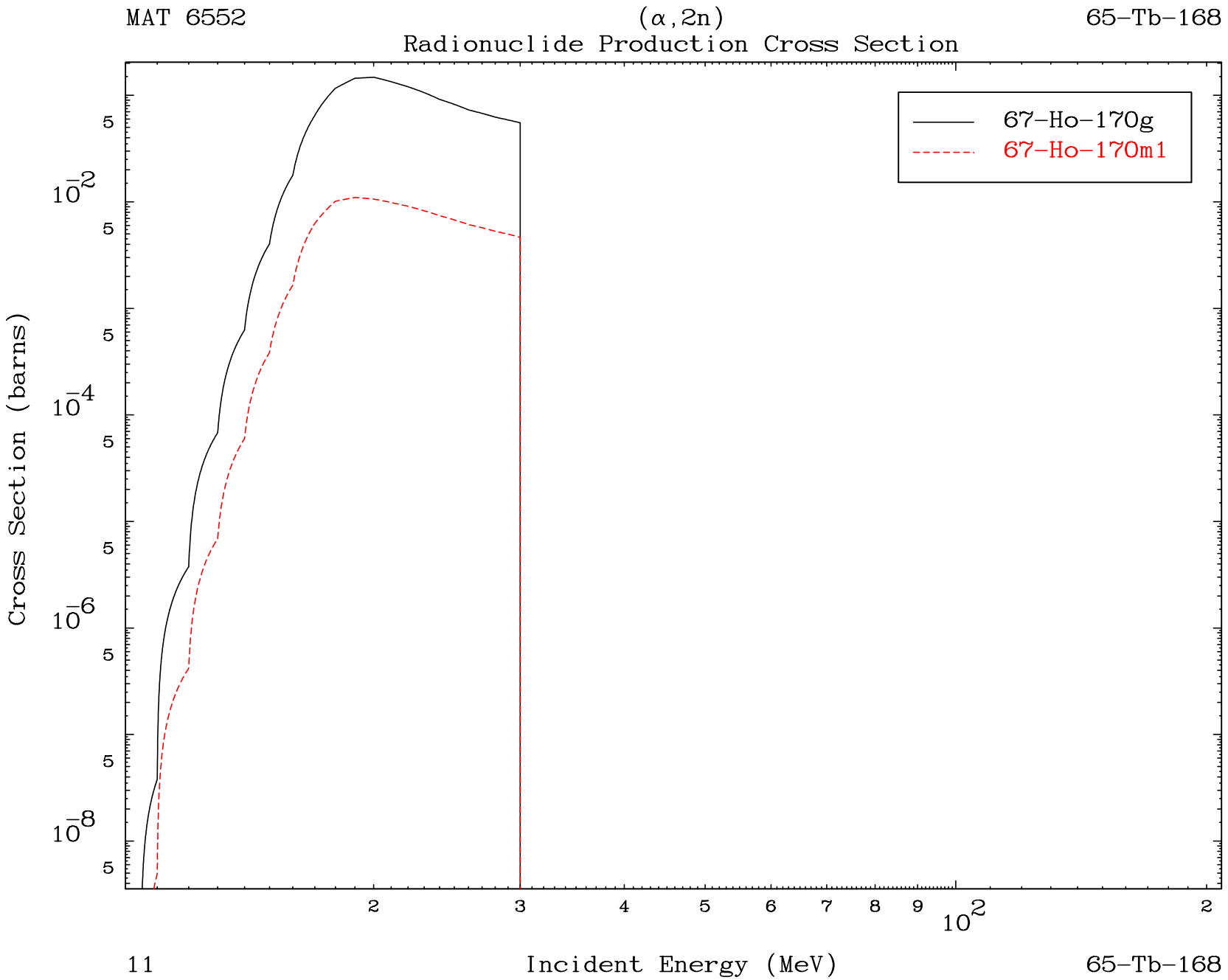

MAT 6552
(α,p) Levels
65-Tb-168
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
65-Tb-168

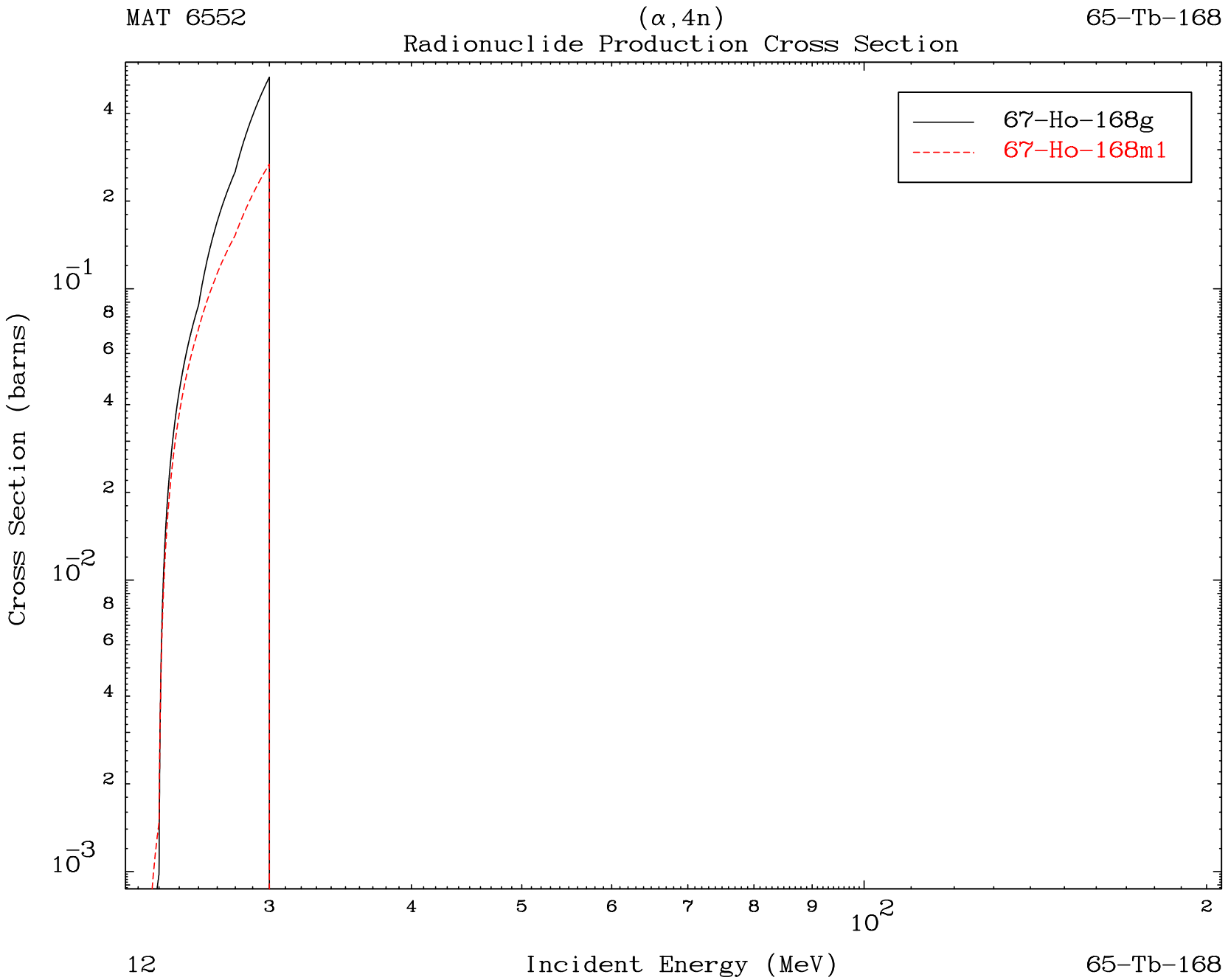

MAT 6552
(α,d) Levels
65-Tb-168
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
7
65-Tb-168


MAT 6552
(α,t) Levels
65-Tb-168
0 Kelvin Cross Sections
(α,t)
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)
8
65-Tb-168


0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 6552
(α,α) Levels
65-Tb-168
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
65-Tb-168


MAT 6552
(α,2n)
65-Tb-168
Radionuclide Production Cross Section
67-Ho-170g
67-Ho-170m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
65-Tb-168


MAT 6552
(α,4n)
65-Tb-168
Radionuclide Production Cross Section
67-Ho-168g
67-Ho-168m1
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-168