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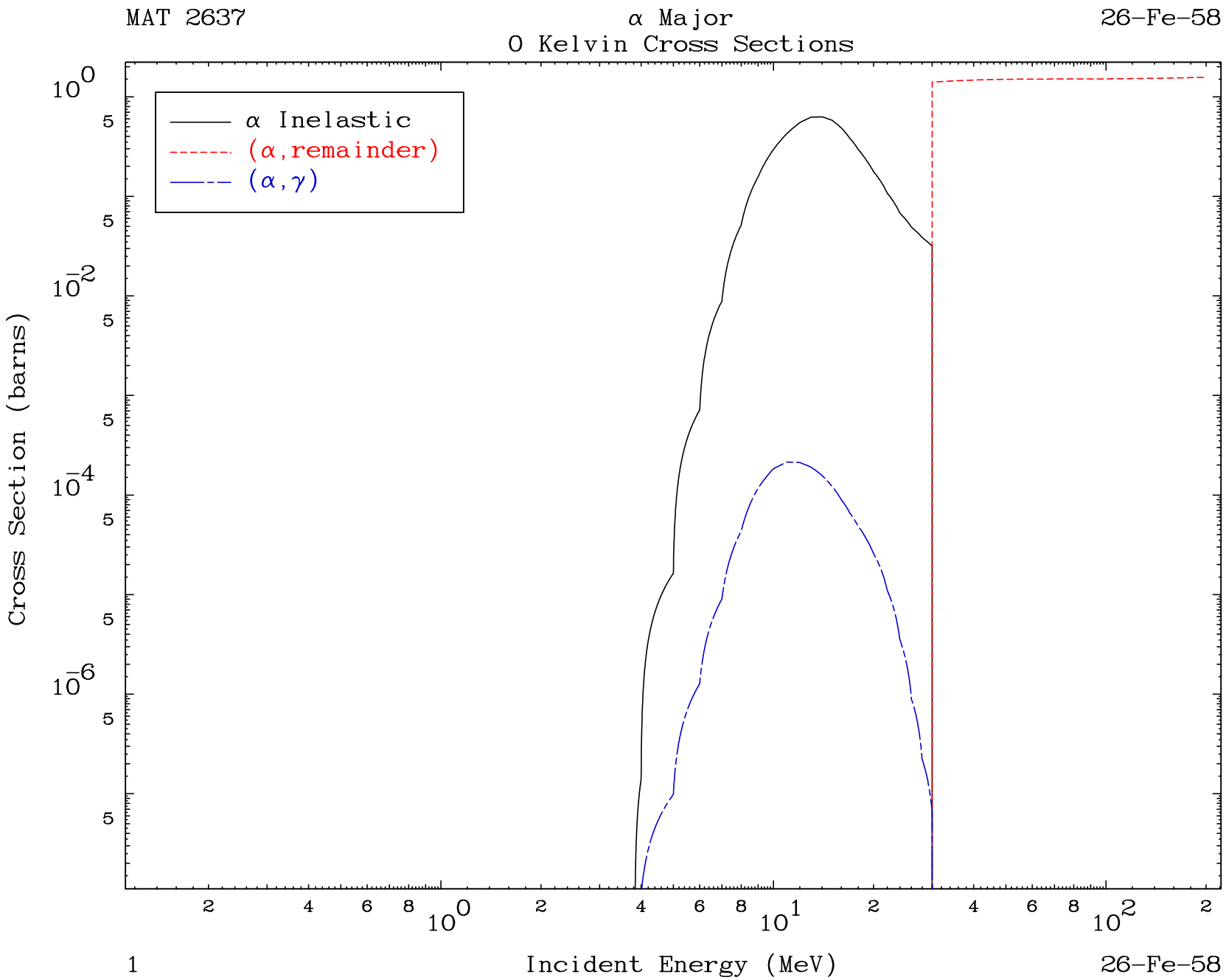
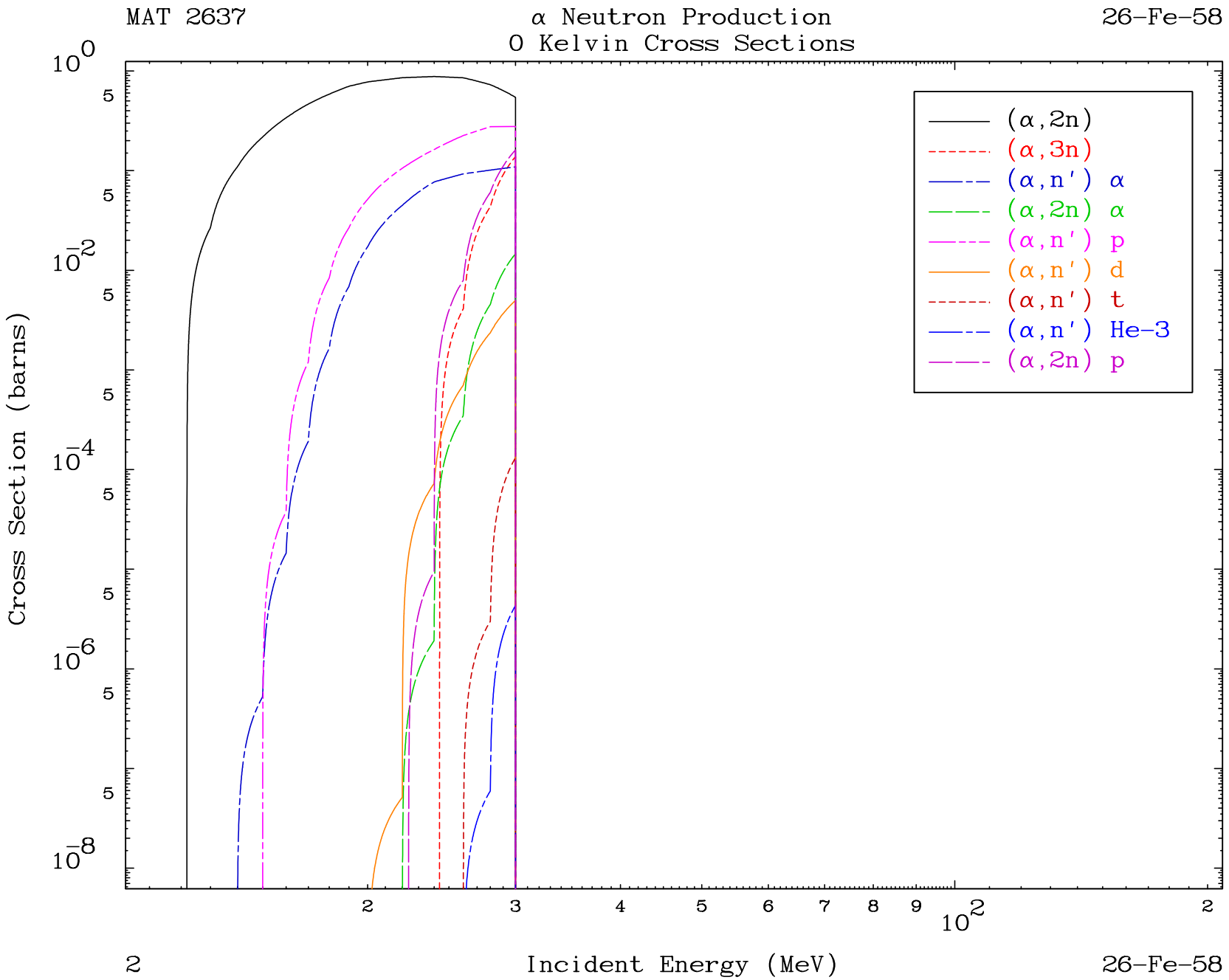
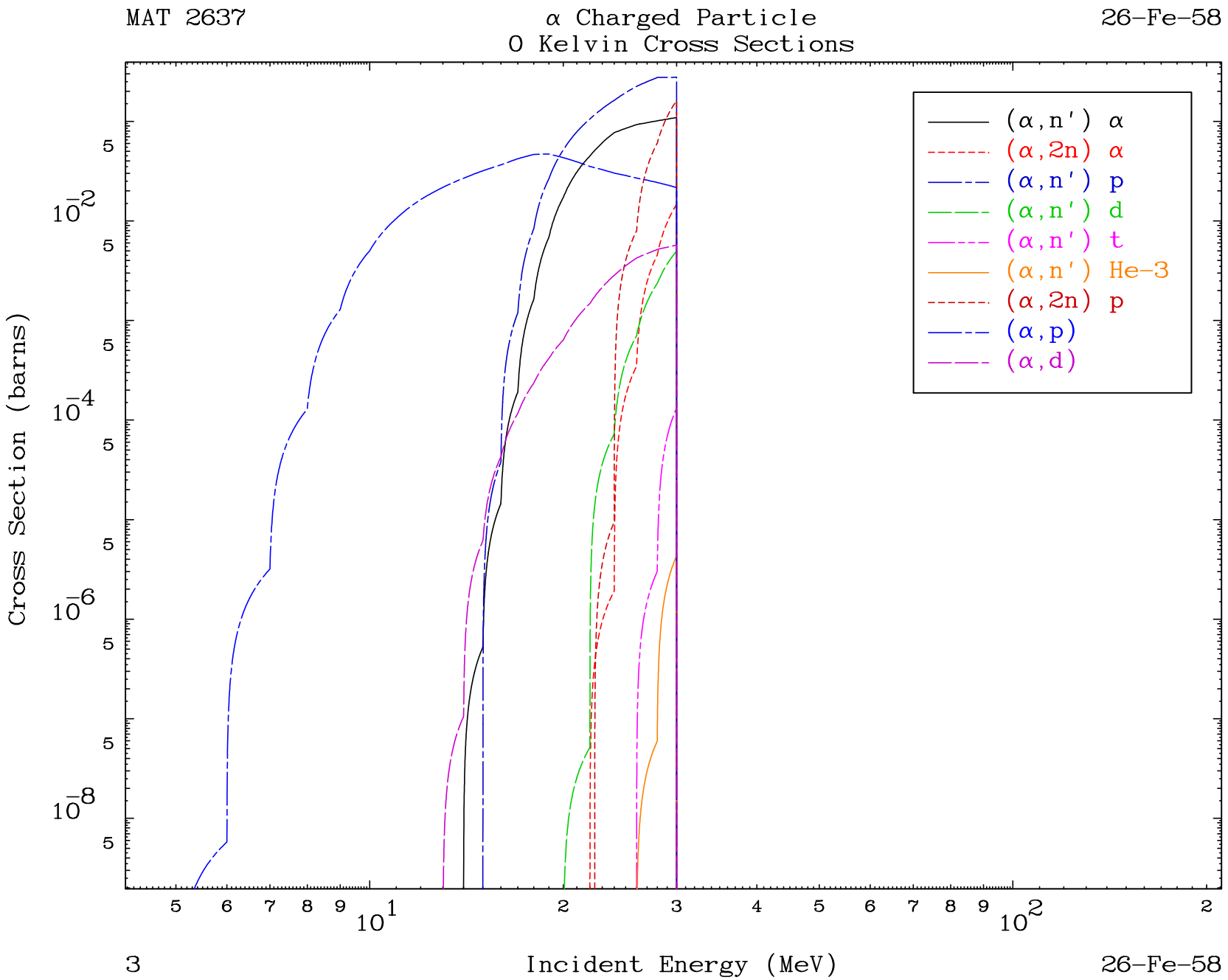
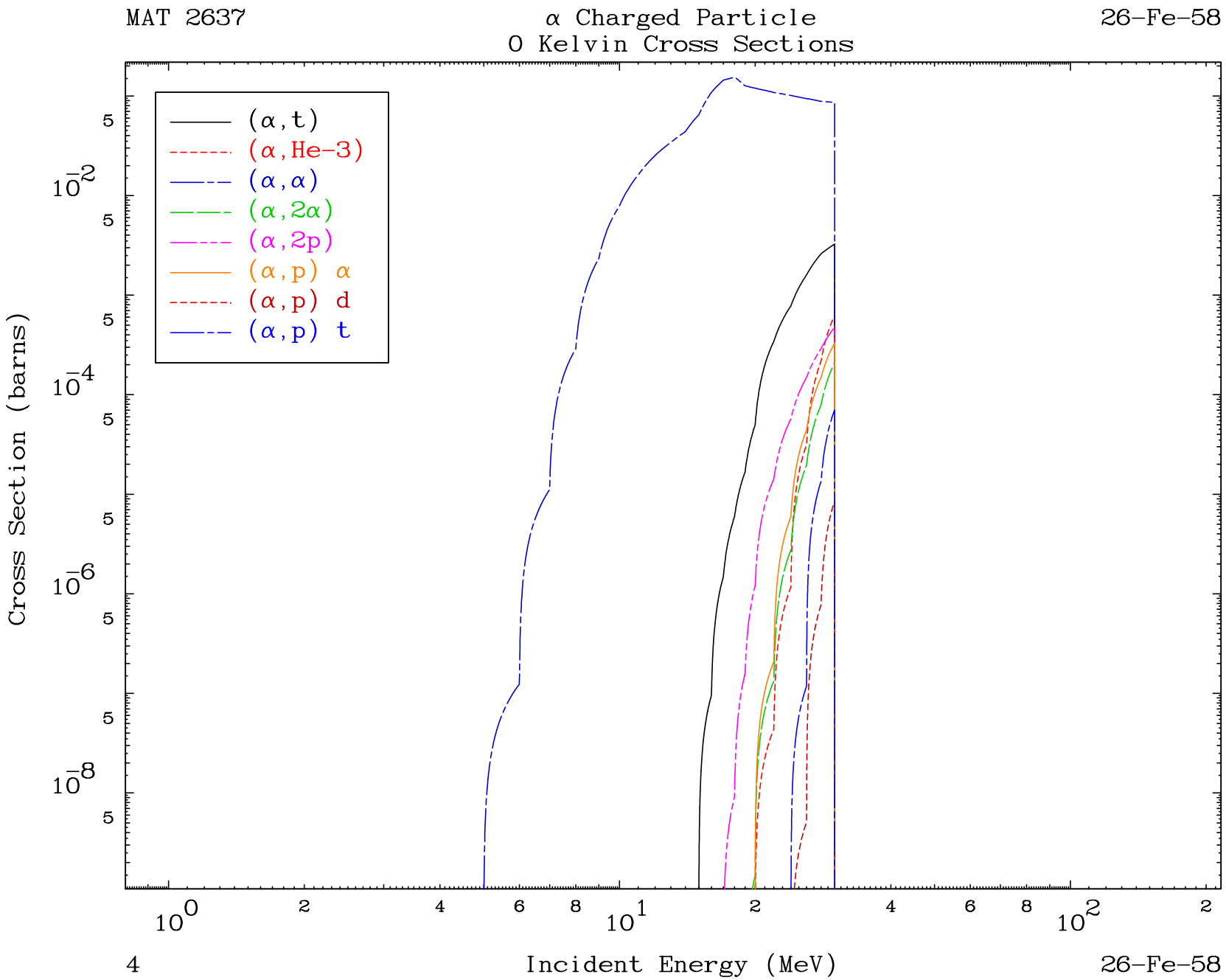
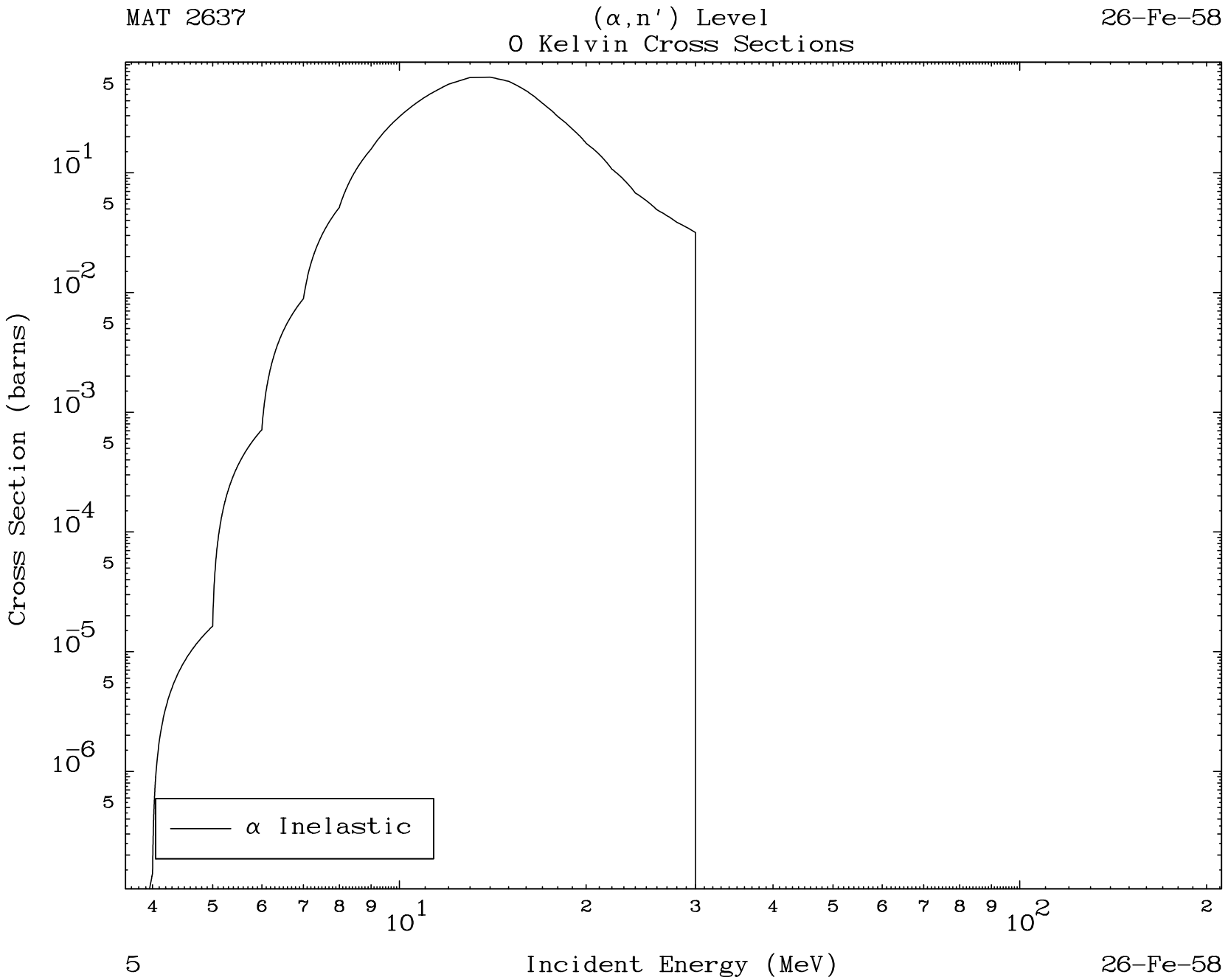
Press Mouse Button to Start

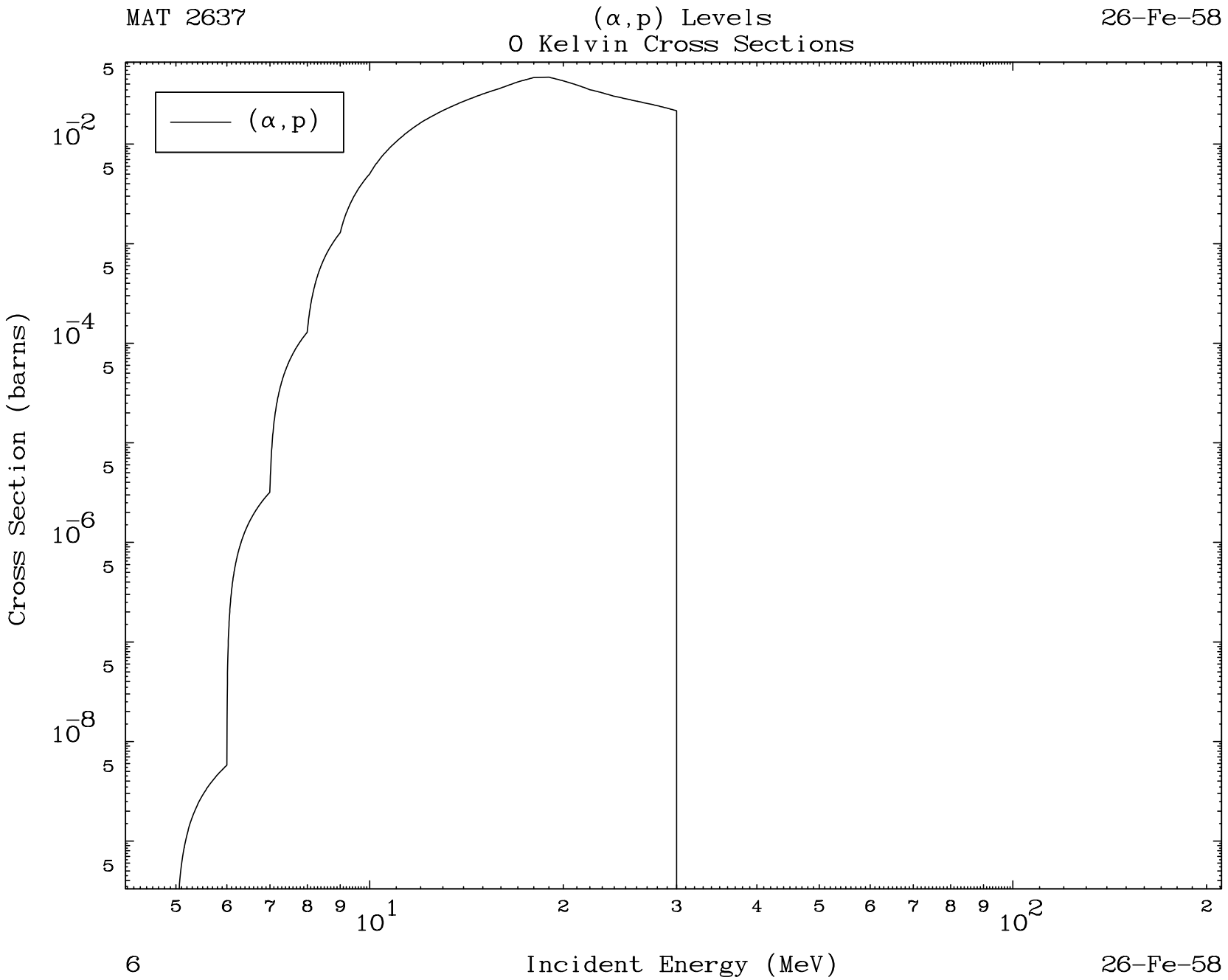

MAT 2637
α Major
26-Fe-58
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
26-Fe-58

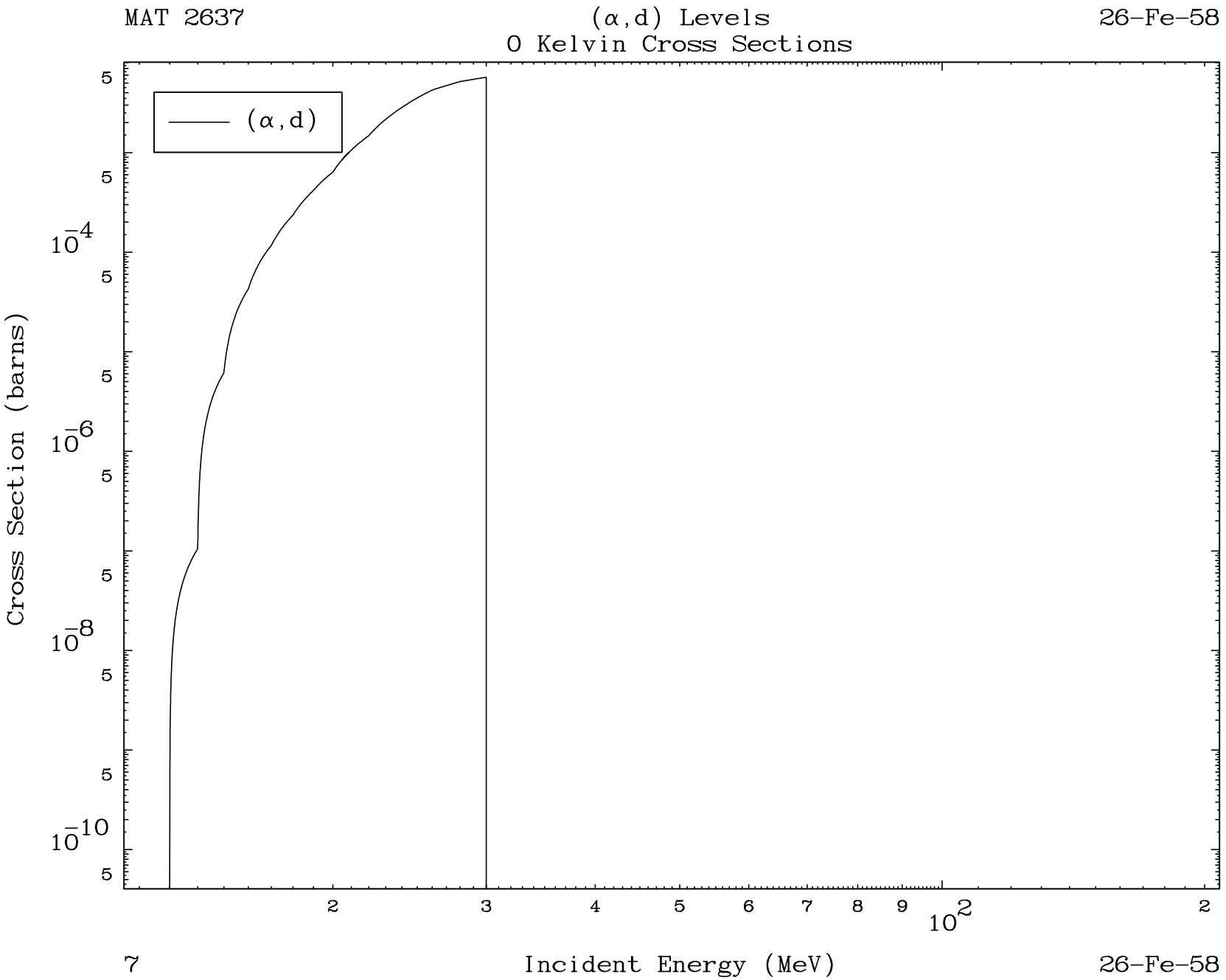

MAT 2637
α Neutron Production
0 Kelvin Cross Sections
26-Fe-58
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

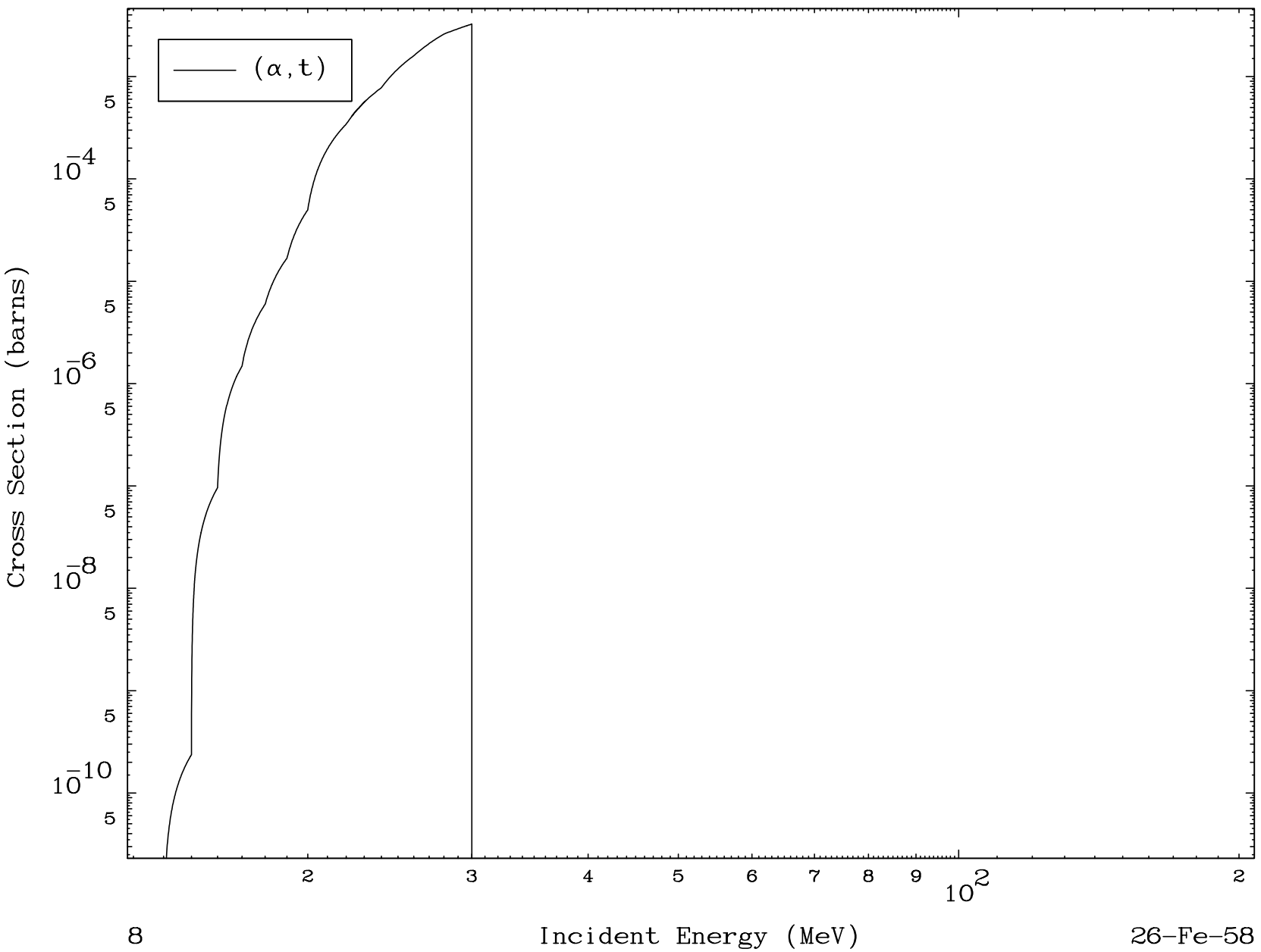

MAT 2637
α Charged Particle
0 Kelvin Cross Sections
26-Fe-58
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6
7
8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
3
26-Fe-58
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
(α,d)

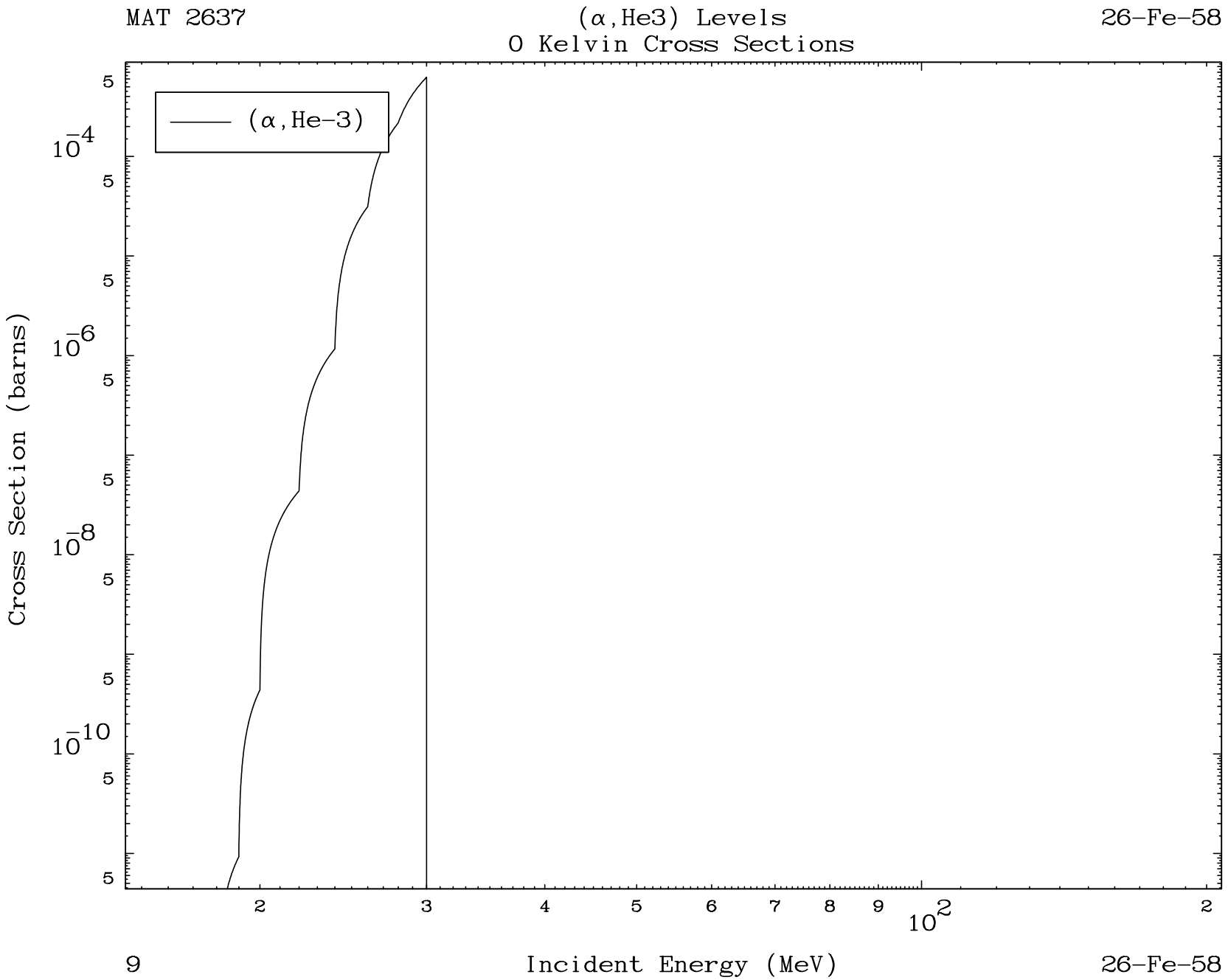

MAT 2637
α Charged Particle
0 Kelvin Cross Sections
26-Fe-58
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
26-Fe-58

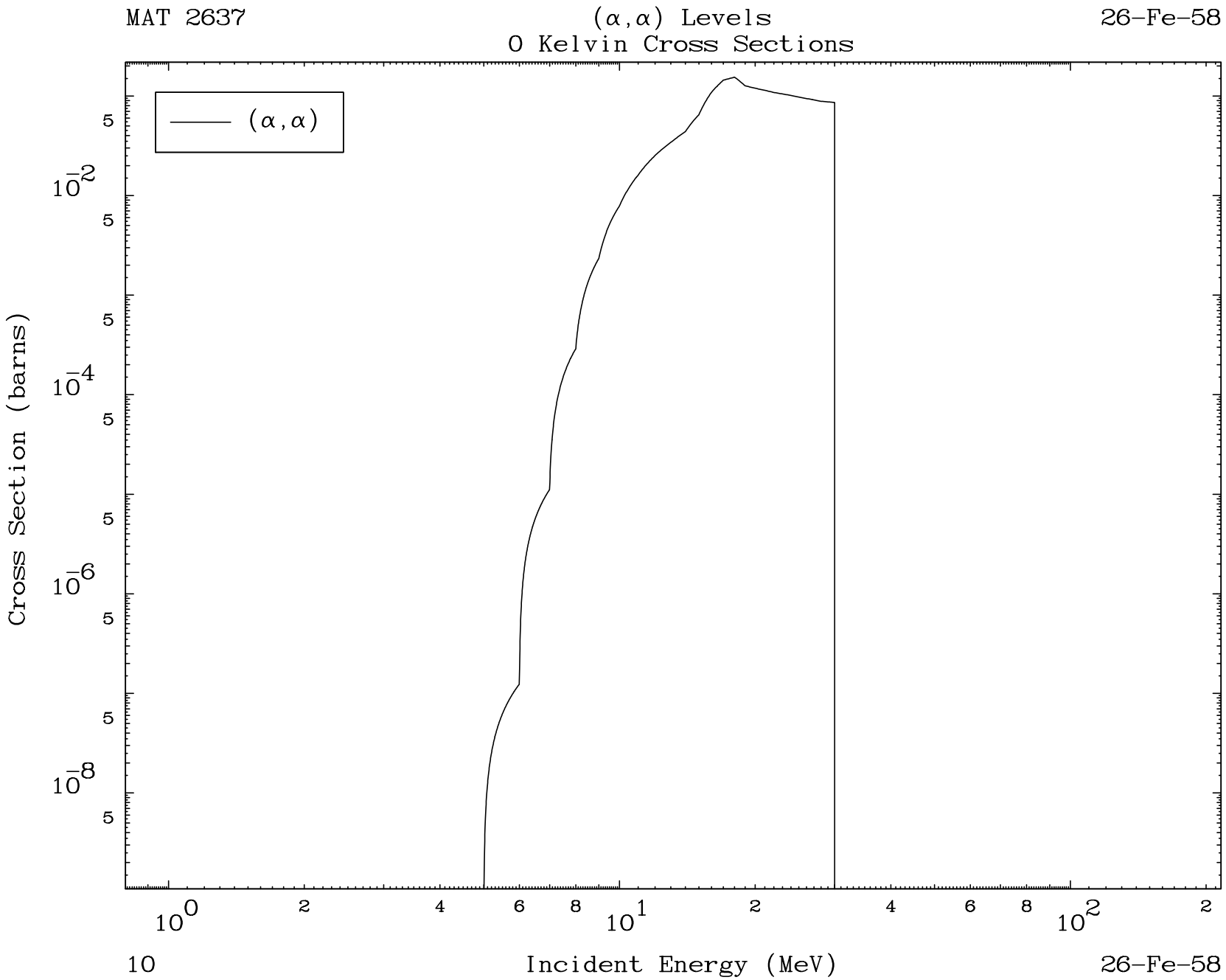

MAT 2637
(α,n') Level
26-Fe-58
0 Kelvin Cross Sections
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
α Inelastic
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
5
Incident Energy (MeV)
26-Fe-58

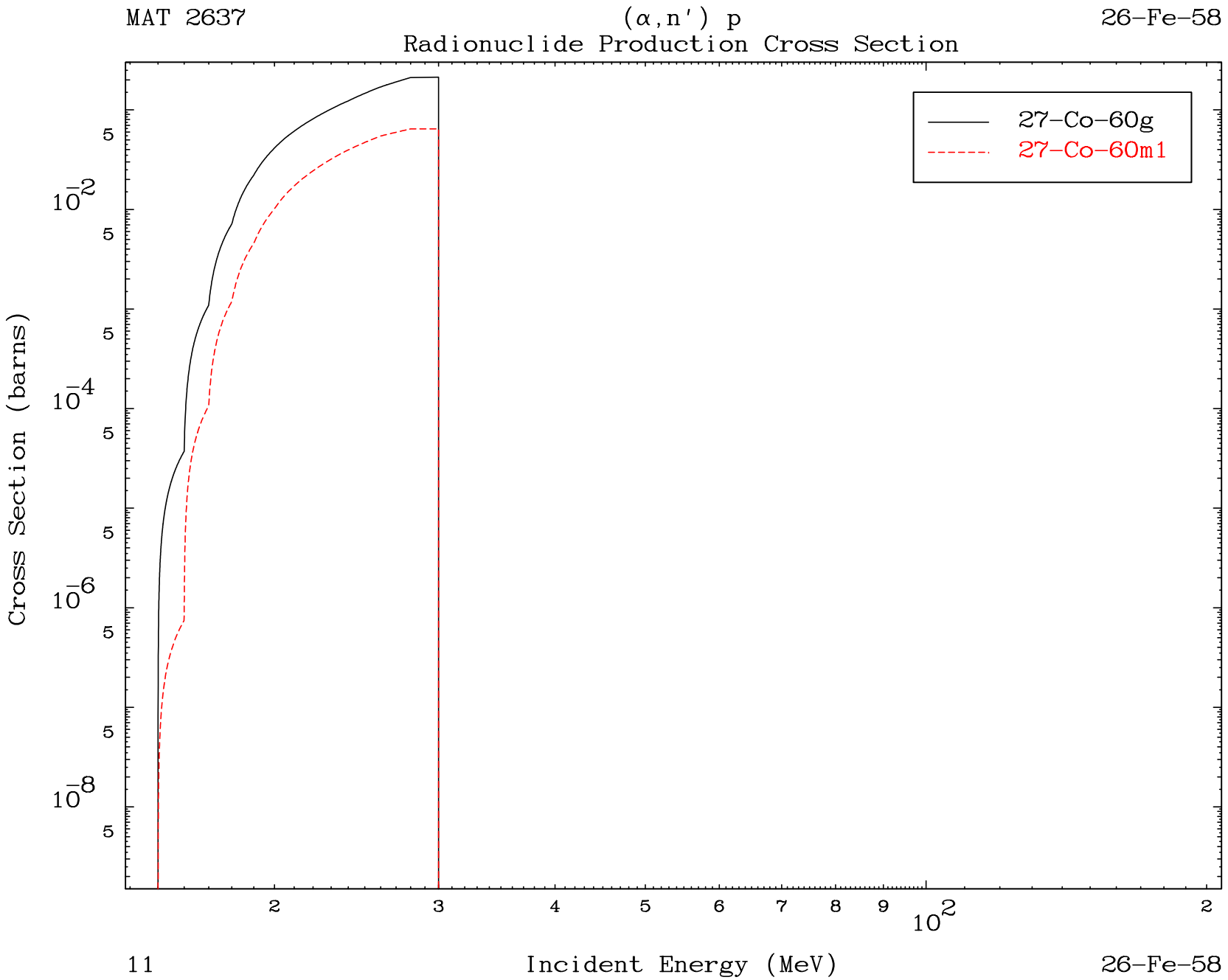

MAT 2637
(α,p) Levels
26-Fe-58
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
26-Fe-58

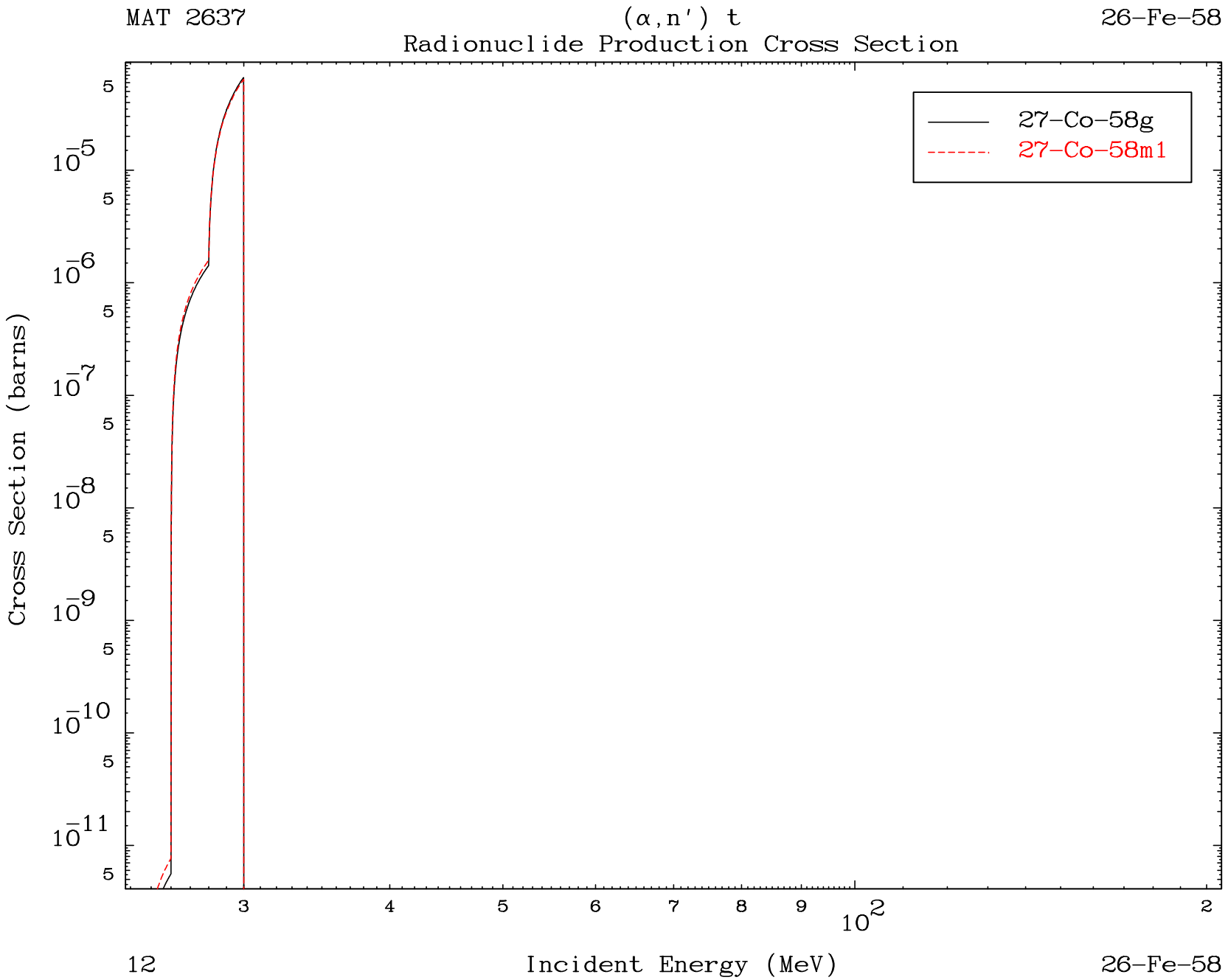

MAT 2637
(α,d) Levels
26-Fe-58
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
26-Fe-58

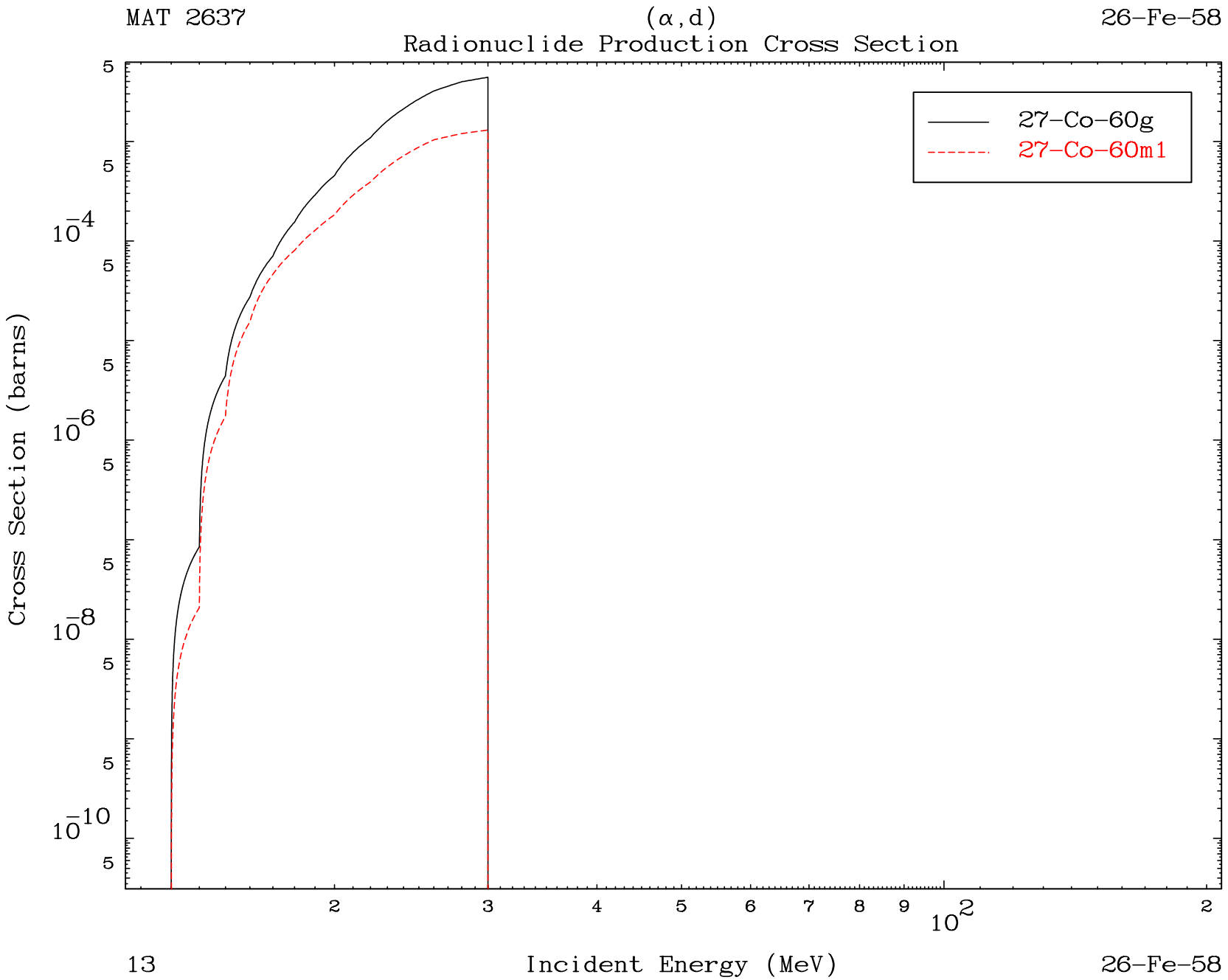

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 2637
(α,He3) Levels
26-Fe-58
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
26-Fe-58


MAT 2637
(α,α) Levels
26-Fe-58
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^0
2
4
6
8
10^1
2
4
6
8
10^2
2
10
Incident Energy (MeV)
26-Fe-58


MAT 2637
(α,n') p
26-Fe-58
Radionuclide Production Cross Section
27-Co-60g
27-Co-60m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
26-Fe-58


MAT 2637
(α,n') t
26-Fe-58
Radionuclide Production Cross Section
27-Co-58g
27-Co-58m1
Cross Section (barns)
10^-5
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
26-Fe-58


MAT 2637
(α,d)
26-Fe-58
Radionuclide Production Cross Section
27-Co-60g
27-Co-60m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
26-Fe-58