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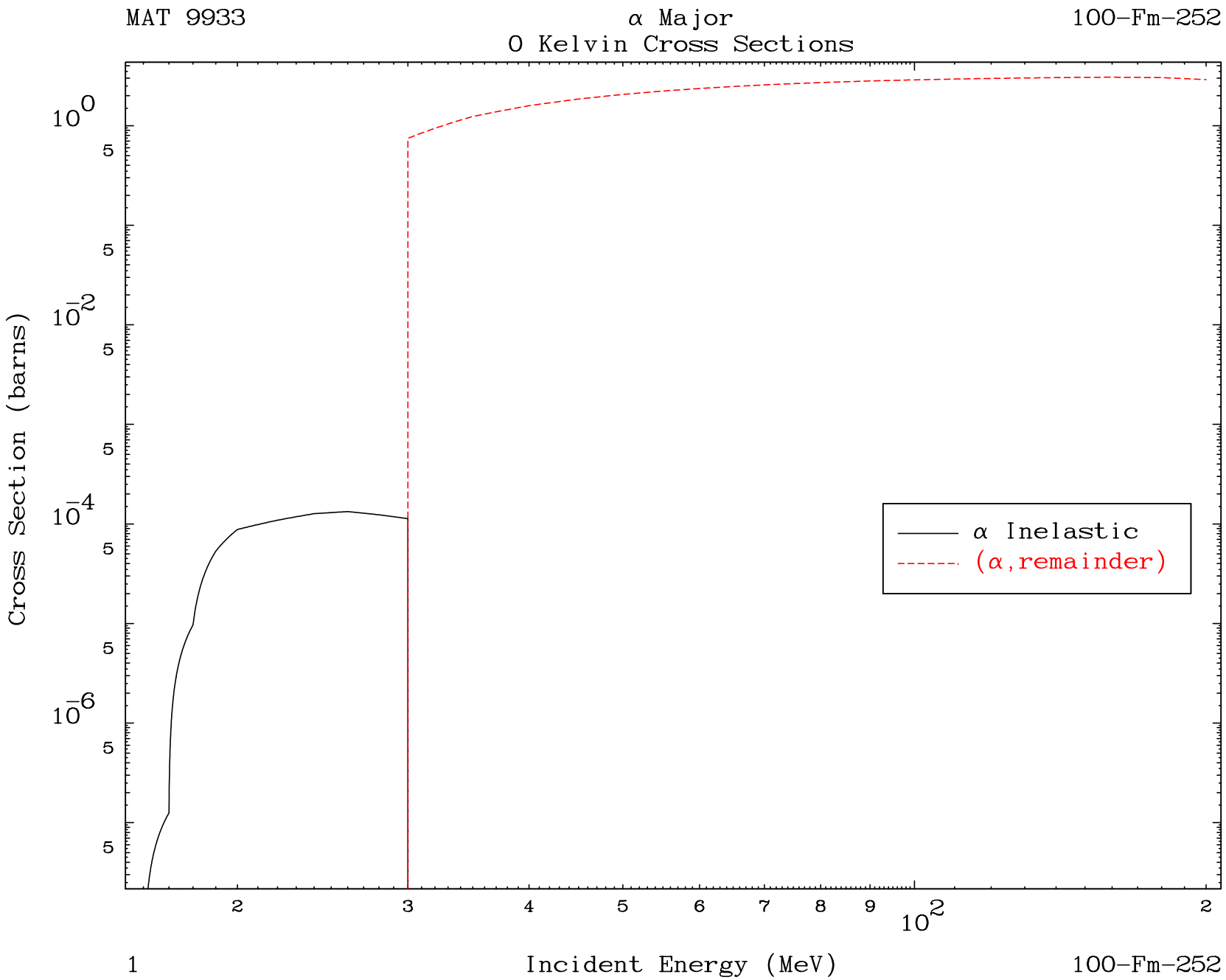
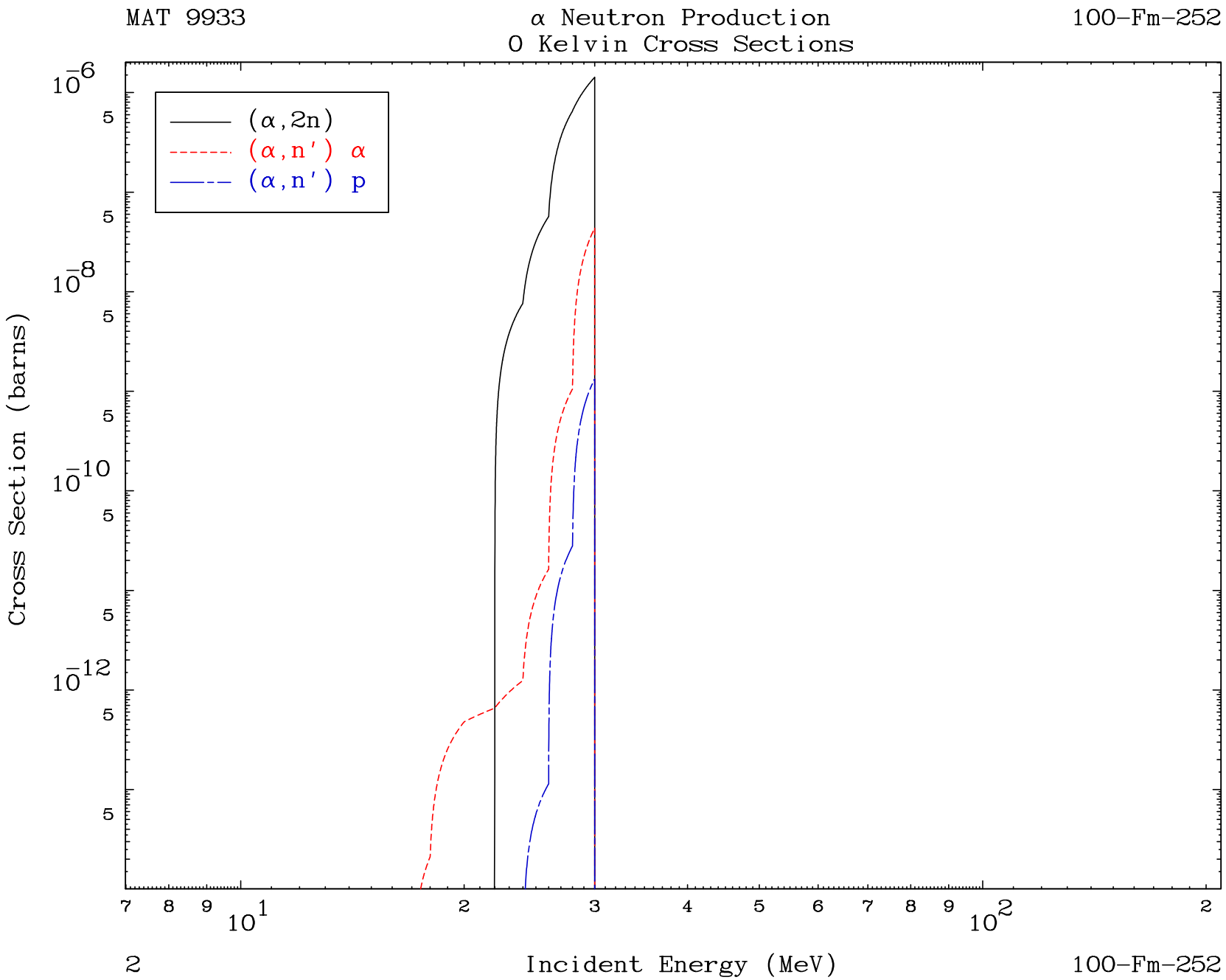
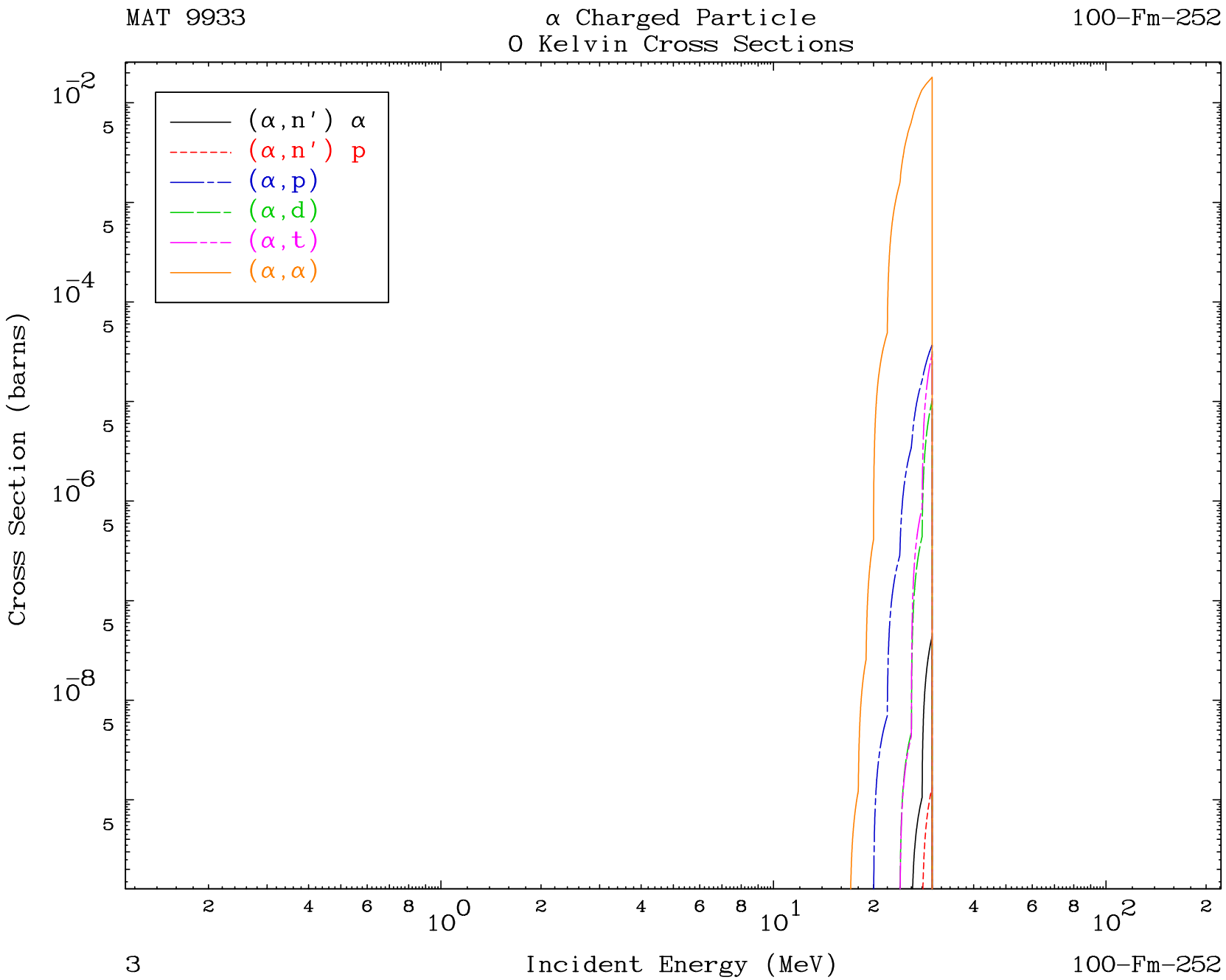
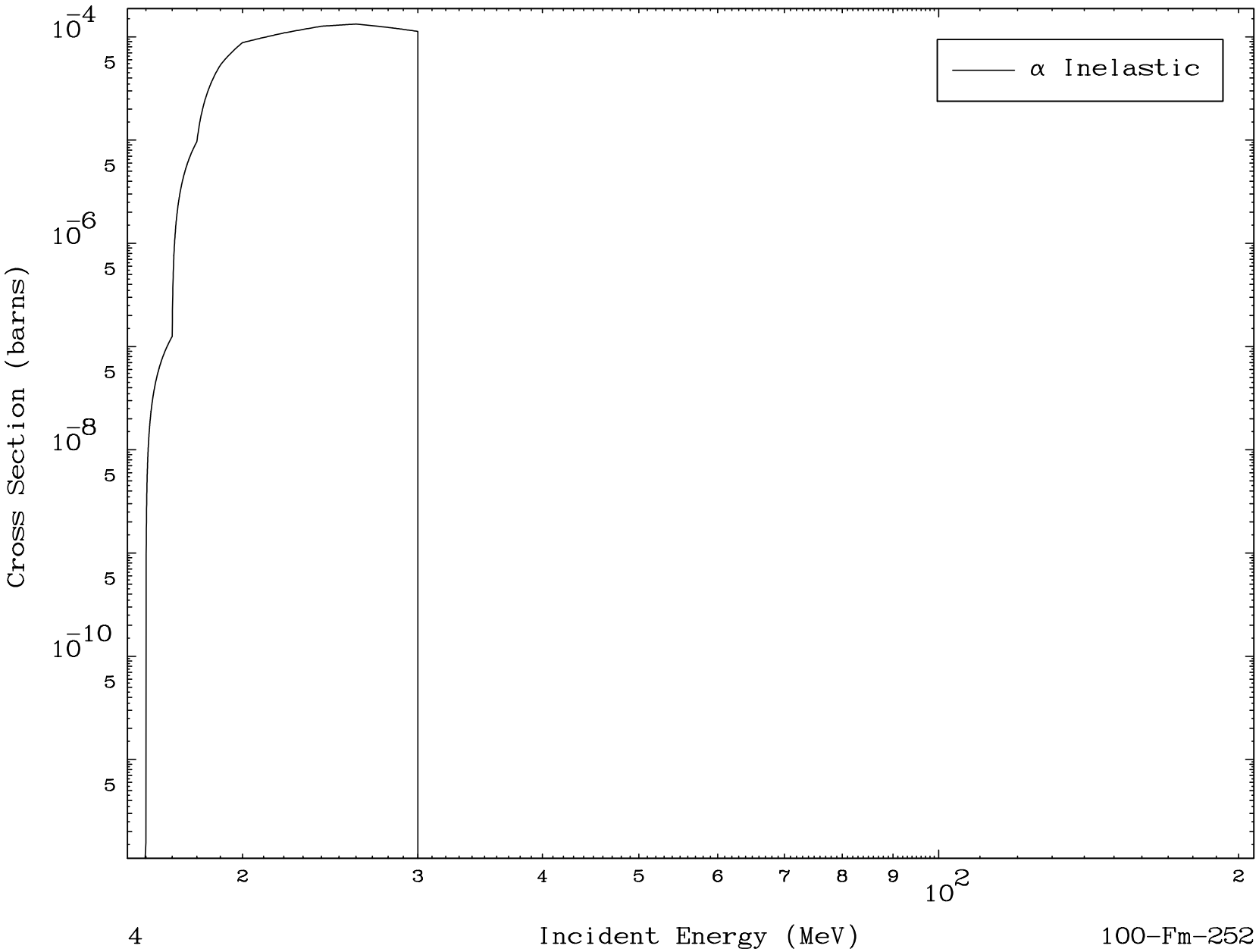
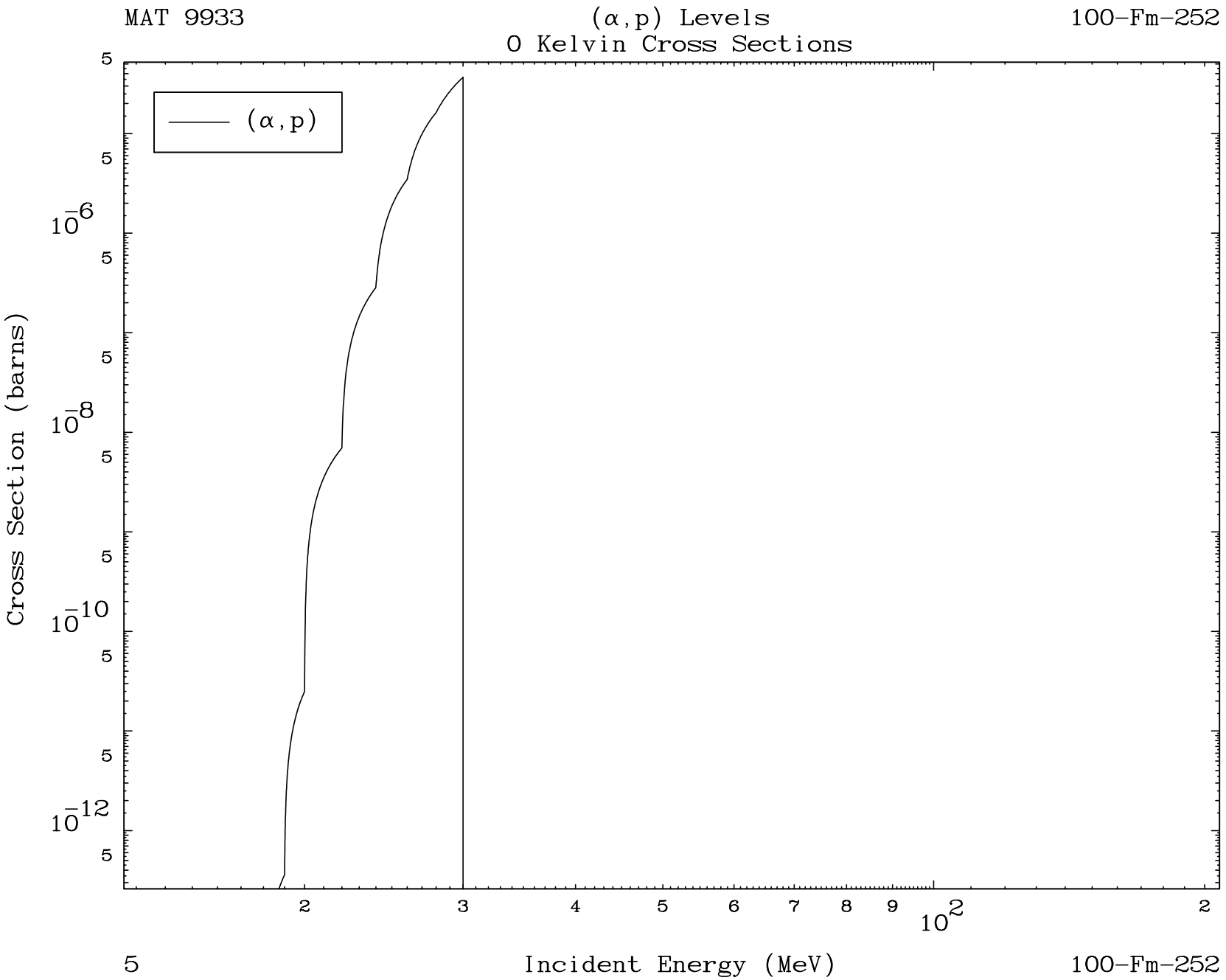
Press Mouse Button to Start

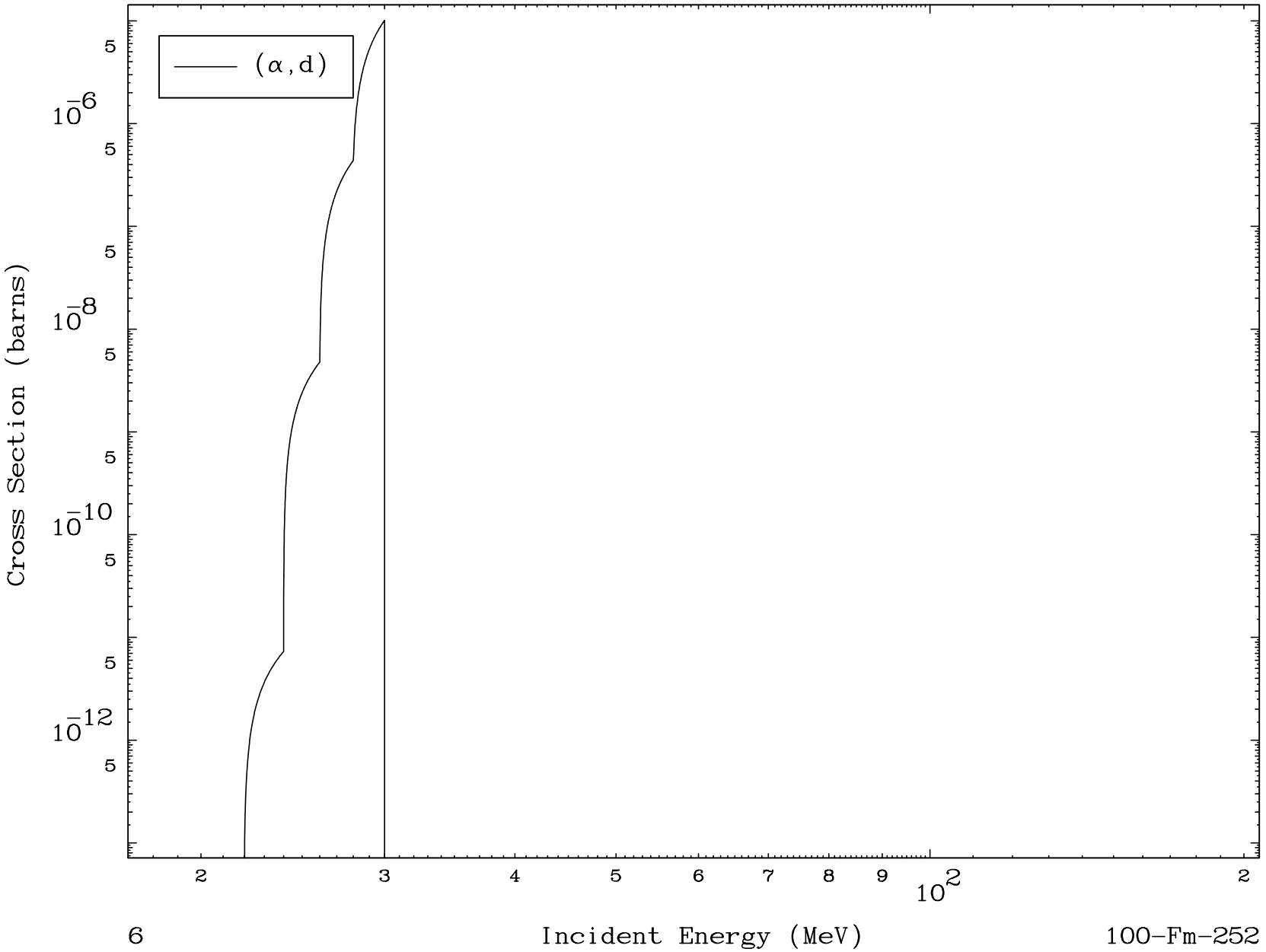

MAT 9933
α Major
100-Fm-252
0 Kelvin Cross Sections
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
2
3
4
6
7
8
9
10^2
1
Incident Energy (MeV)
100-Fm-252
α Inelastic
(α,remainder)

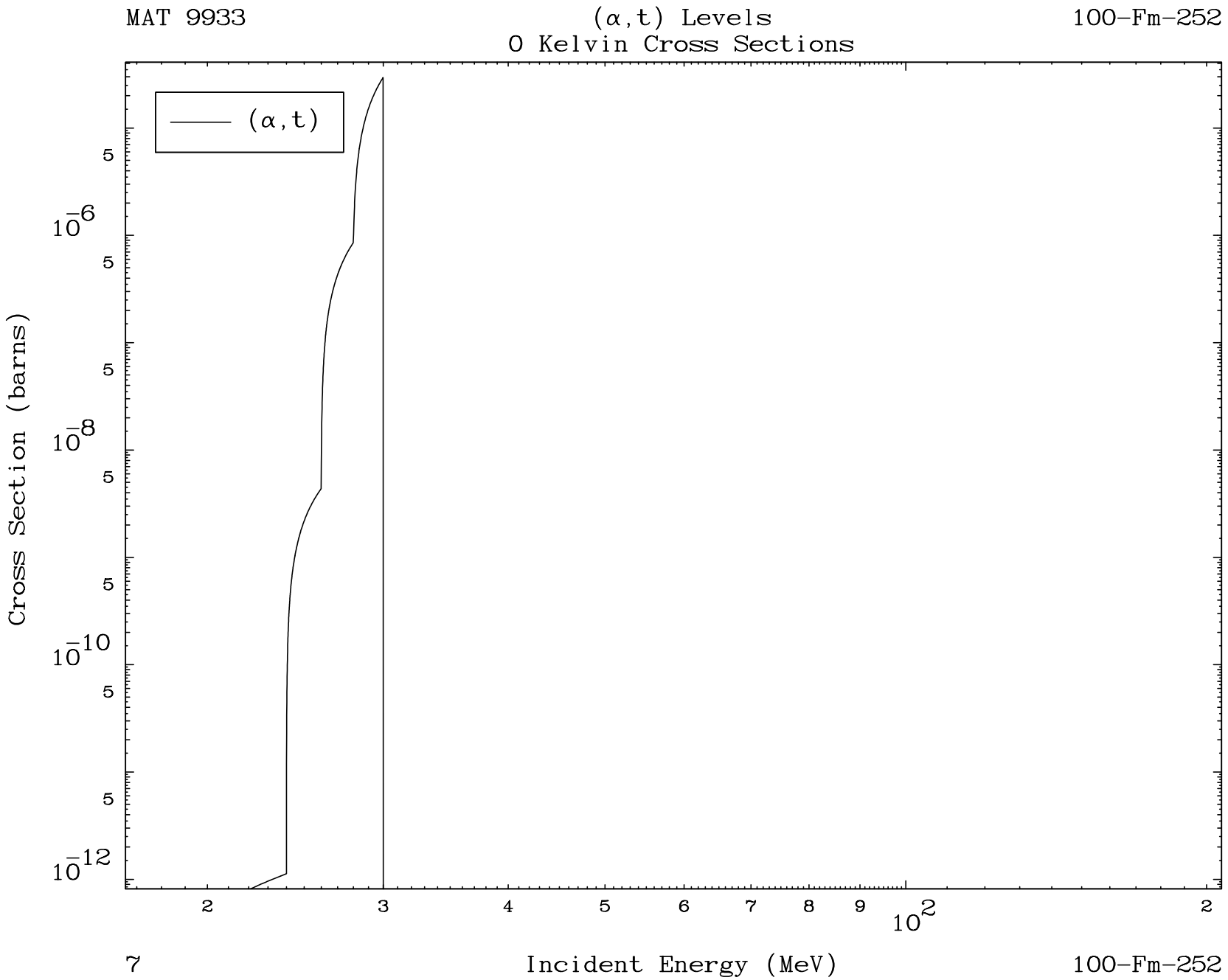

MAT 9933
α Neutron Production
0 Kelvin Cross Sections
100-Fm-252
(α,2n)
(α,n') α
(α,n') p
Cross Section (barns)
Incident Energy (MeV)
100-Fm-252

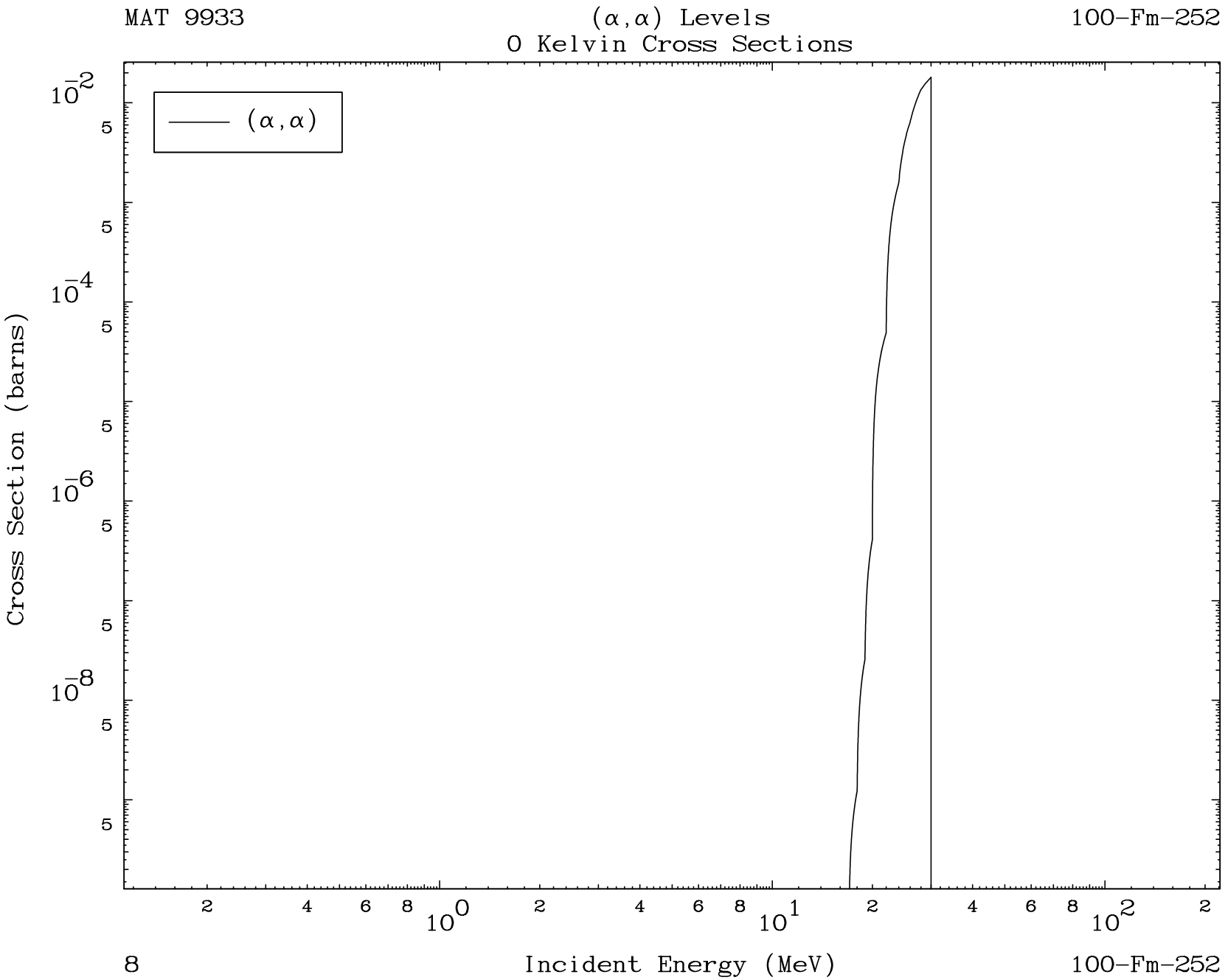

MAT 9933
α Charged Particle
0 Kelvin Cross Sections
100-Fm-252
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-252

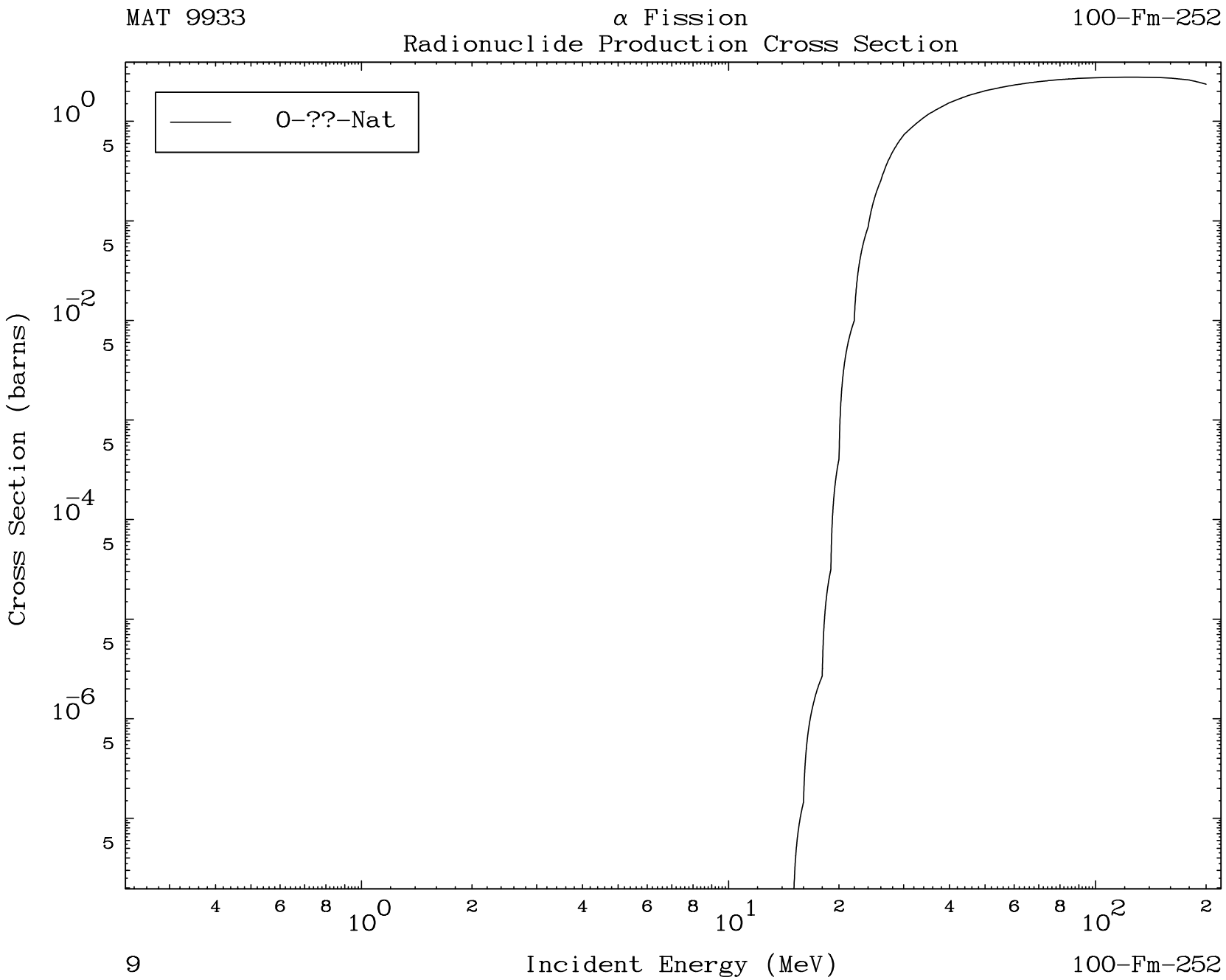

0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

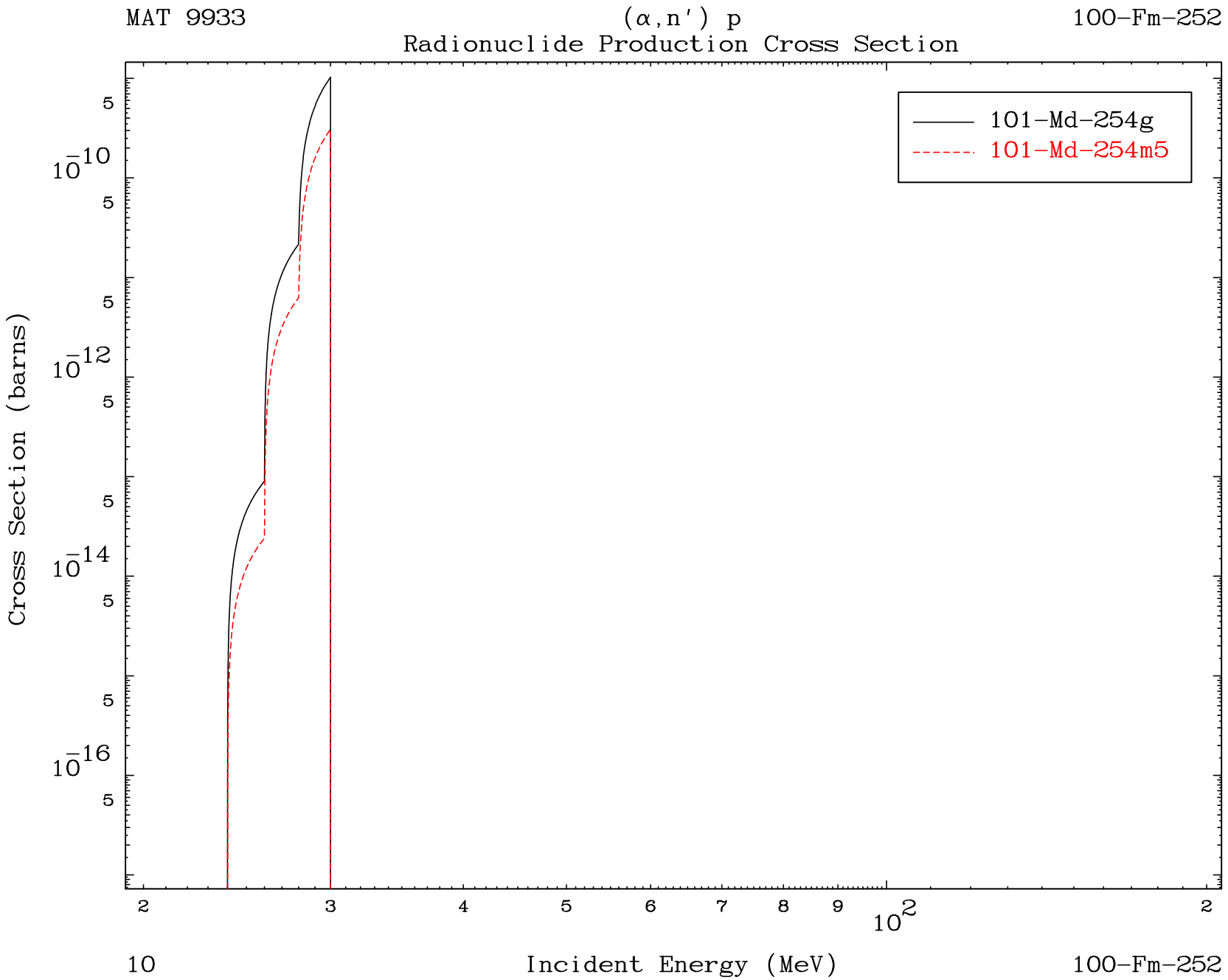

MAT 9933
(α,p) Levels
100-Fm-252
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-252

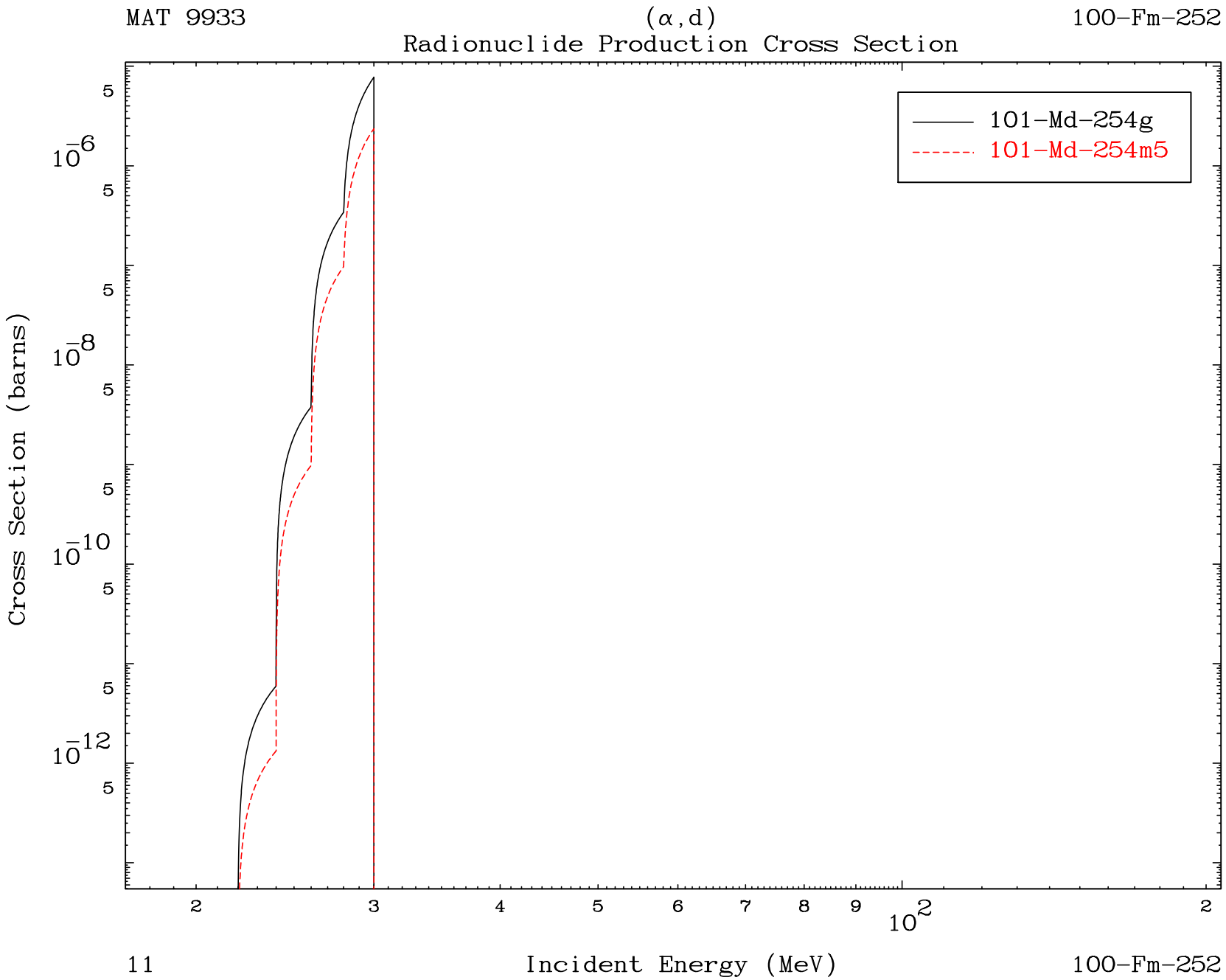

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 9933
(α,t) Levels
100-Fm-252
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
100-Fm-252


(α,α) Levels
0 Kelvin Cross Sections
100-Fm-252
(α,α)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-252


MAT 9933
α Fission
100-Fm-252
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
Incident Energy (MeV)
9
100-Fm-252


MAT 9933
(α,n') p
100-Fm-252
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m5
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
10
Incident Energy (MeV)
100-Fm-252


MAT 9933
(α,d)
100-Fm-252
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m5
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
11
100-Fm-252