Program EVALPLOT
(Version 2021-1)
by
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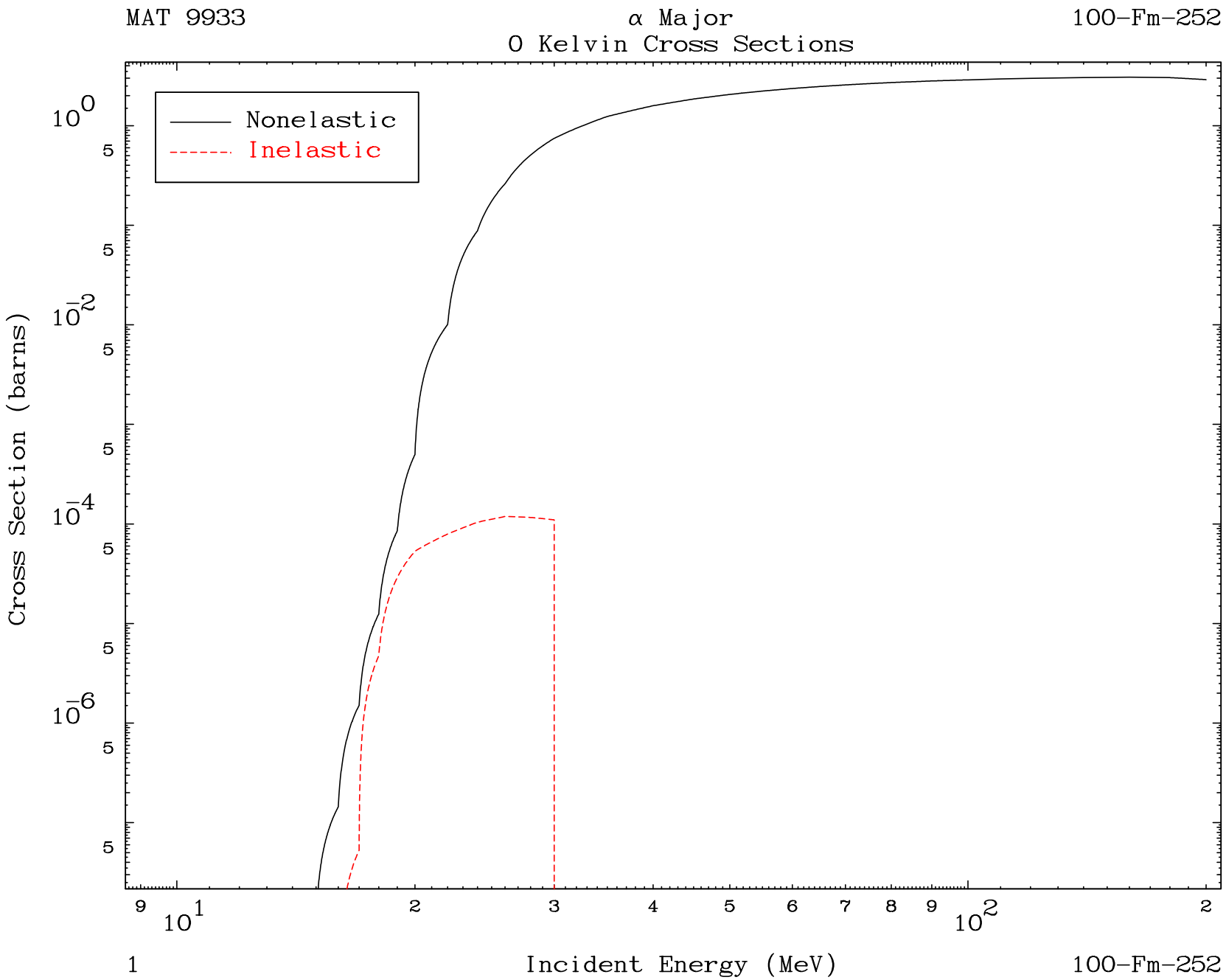
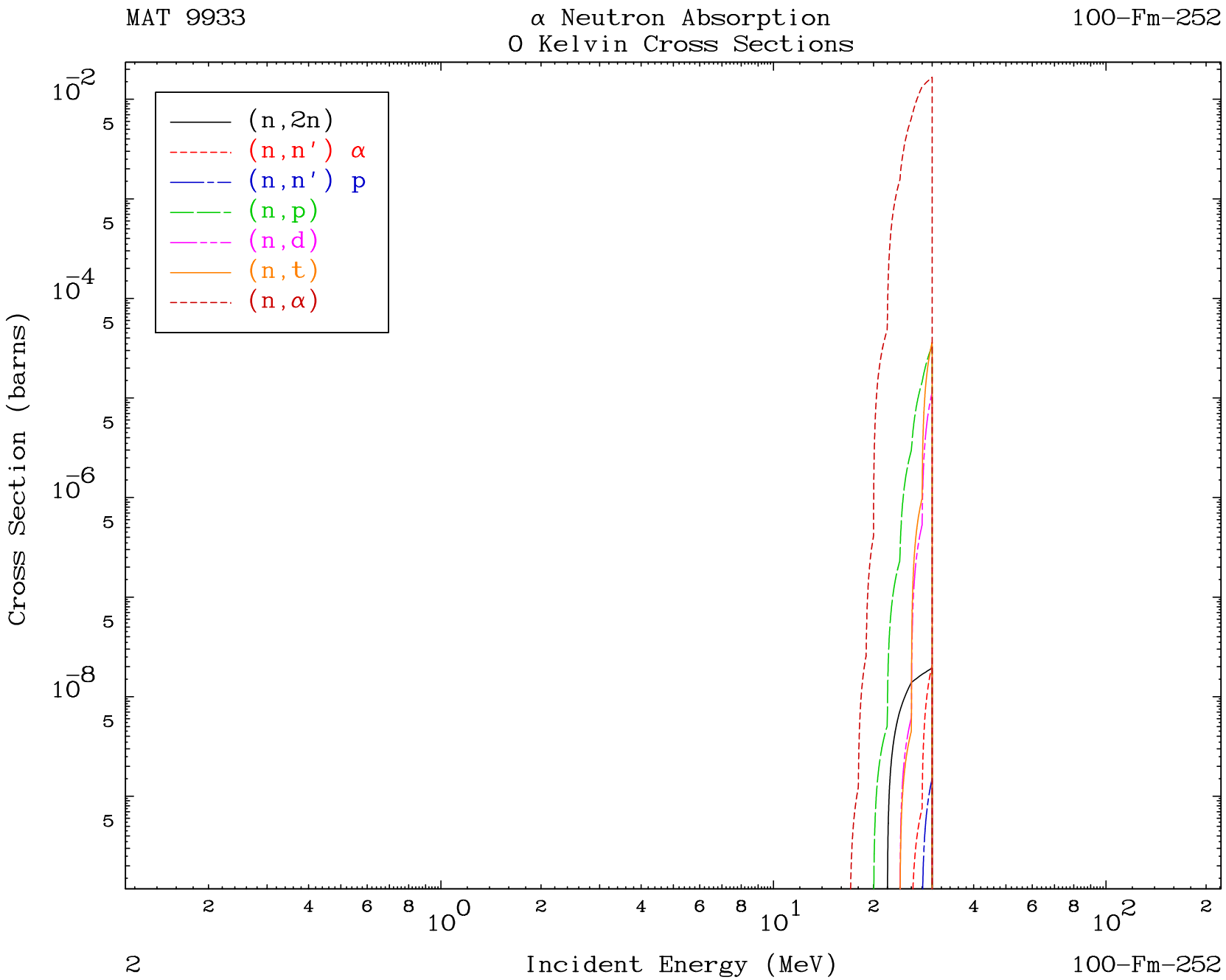
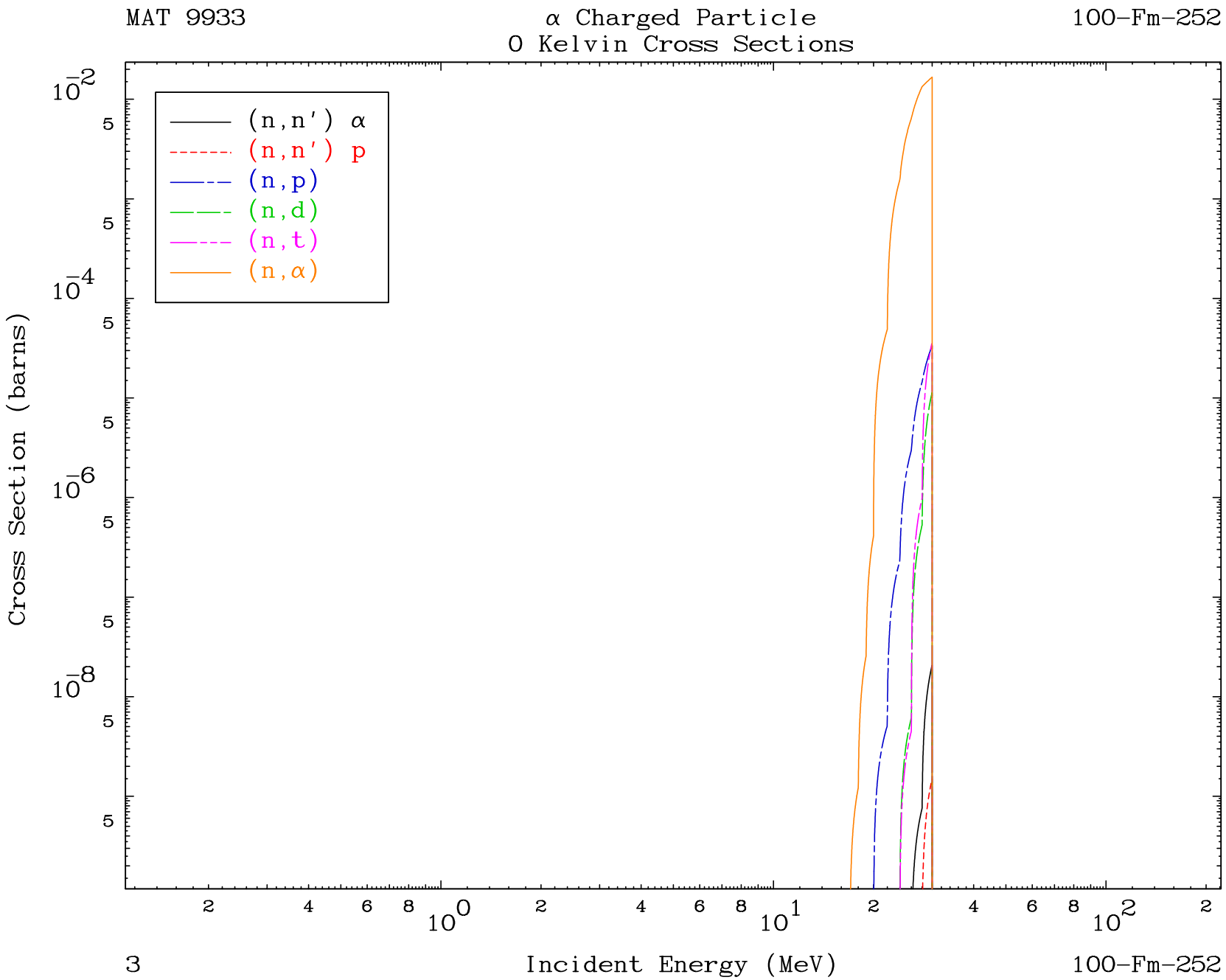
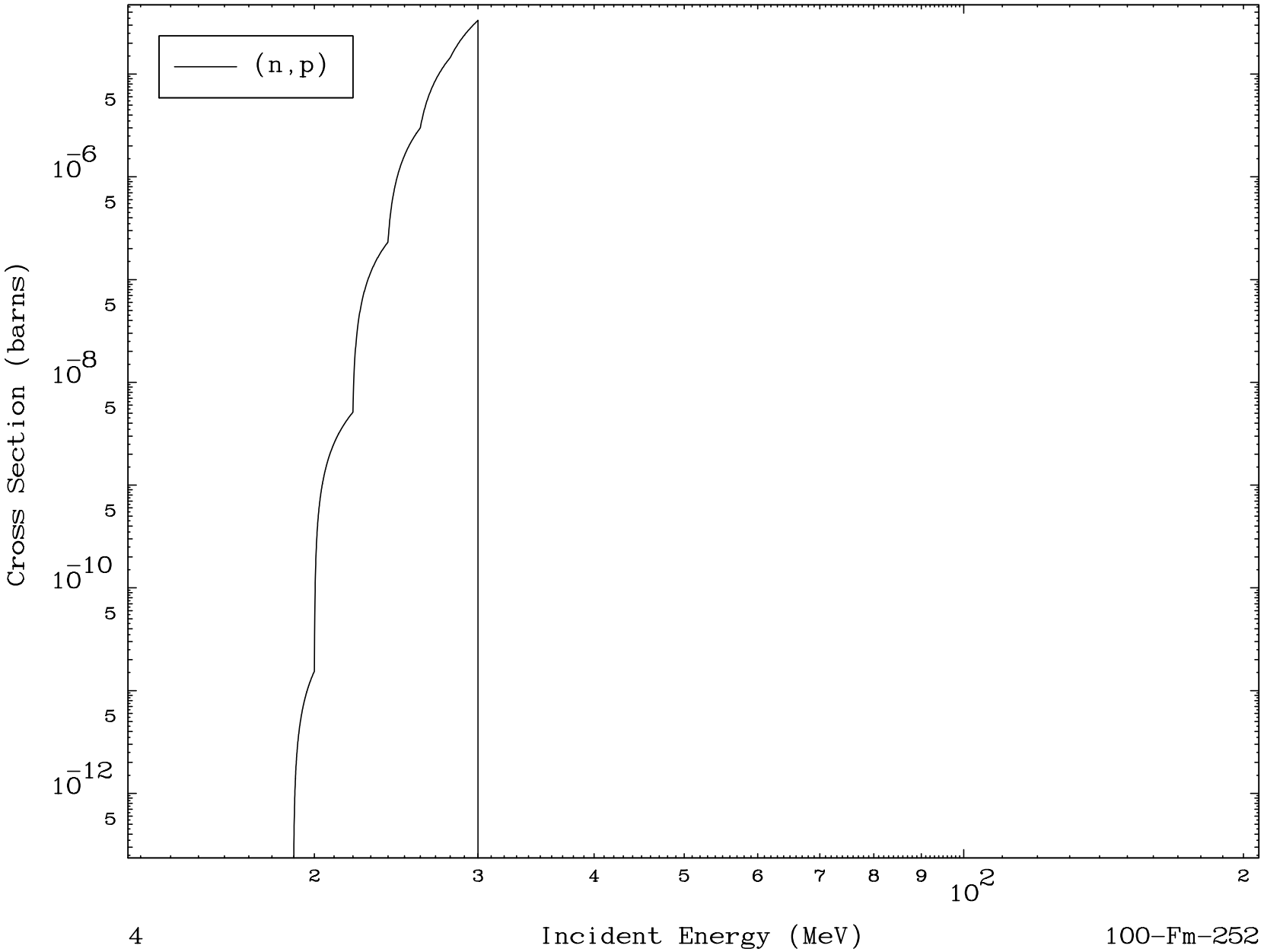
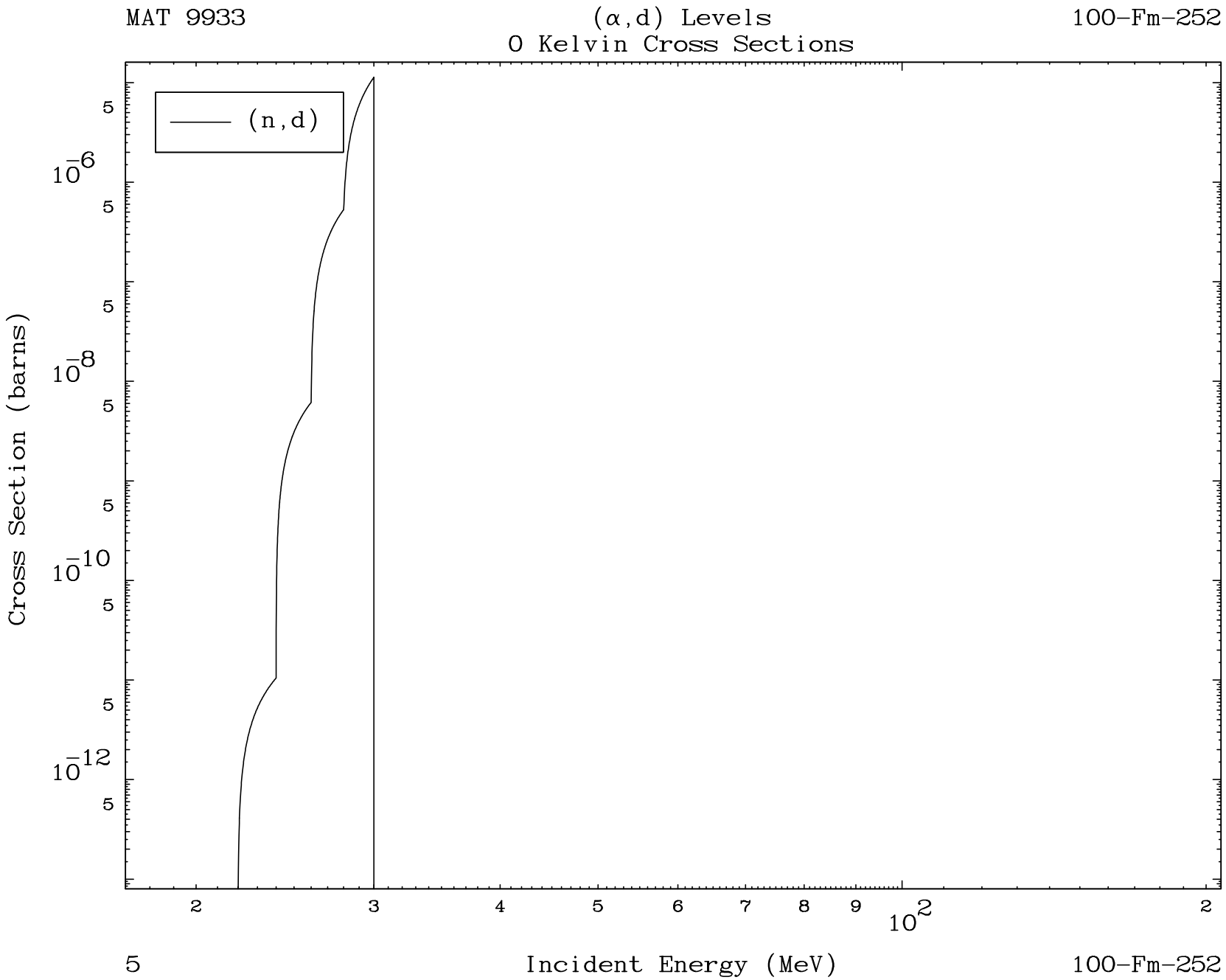
Press Mouse Button to Start

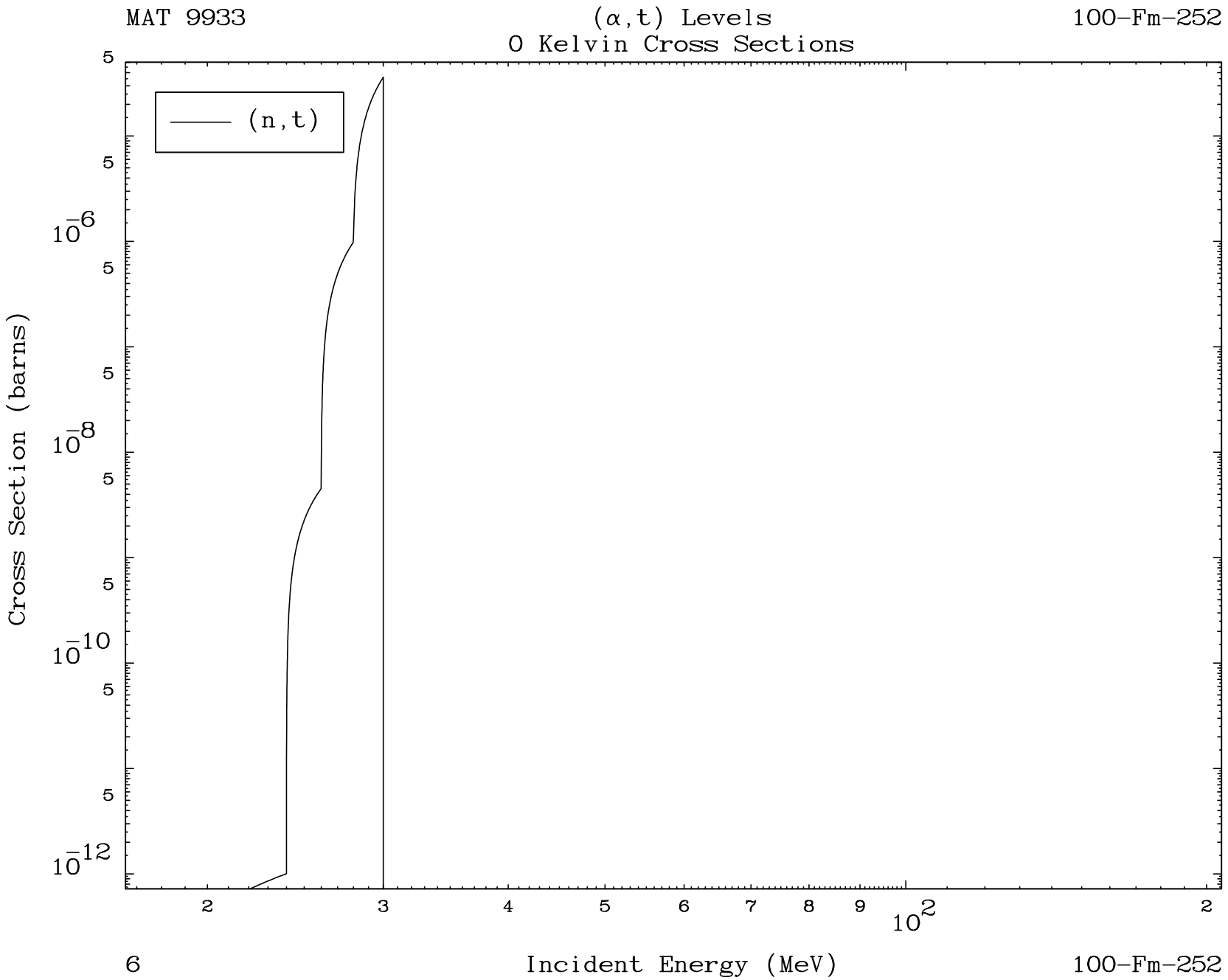

MAT 9933
α Major
100-Fm-252
0 Kelvin Cross Sections
Nonelastic
Inelastic
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
1
Incident Energy (MeV)
100-Fm-252

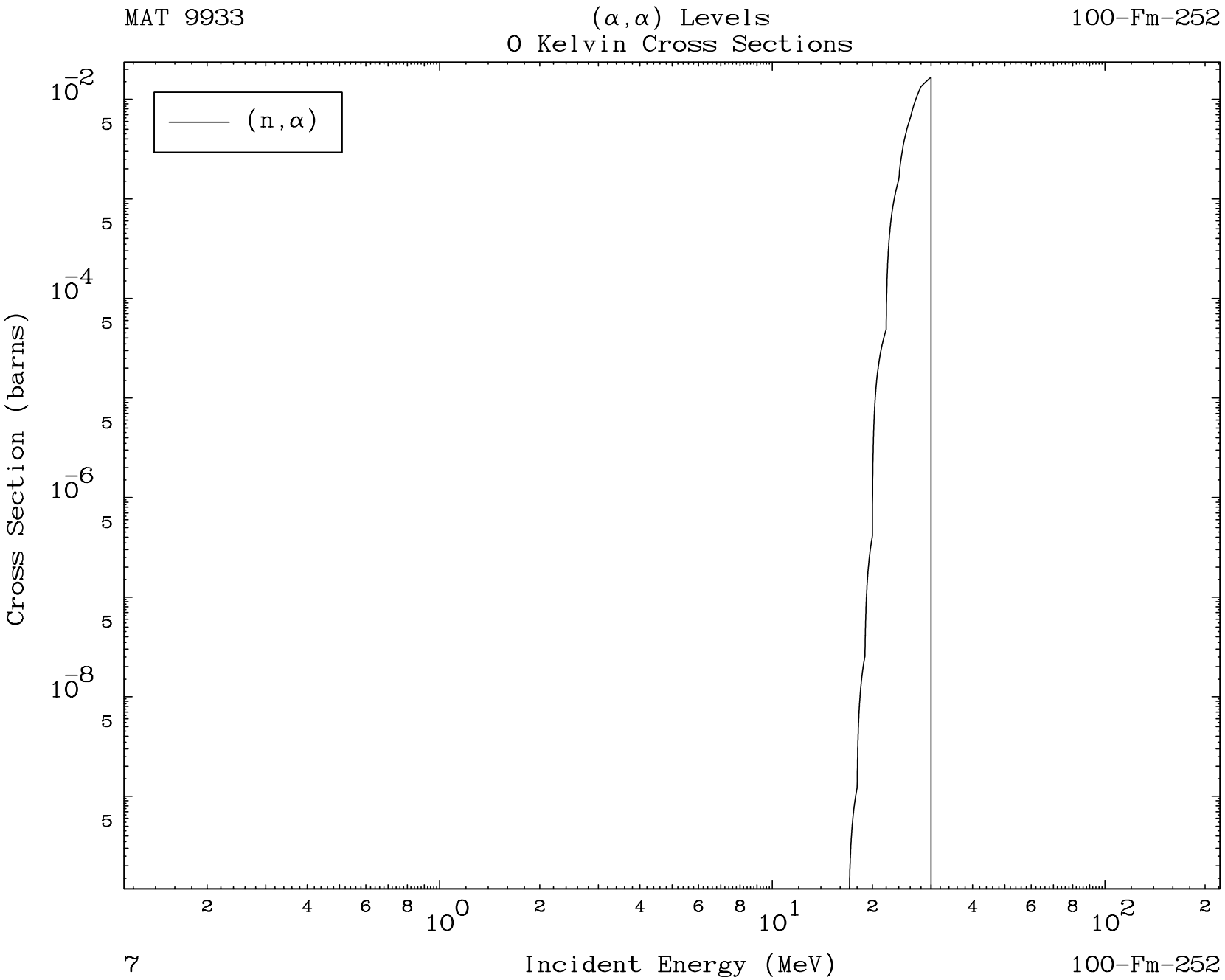

MAT 9933
α Neutron Absorption
0 Kelvin Cross Sections
100-Fm-252
(n,2n)
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-252
2

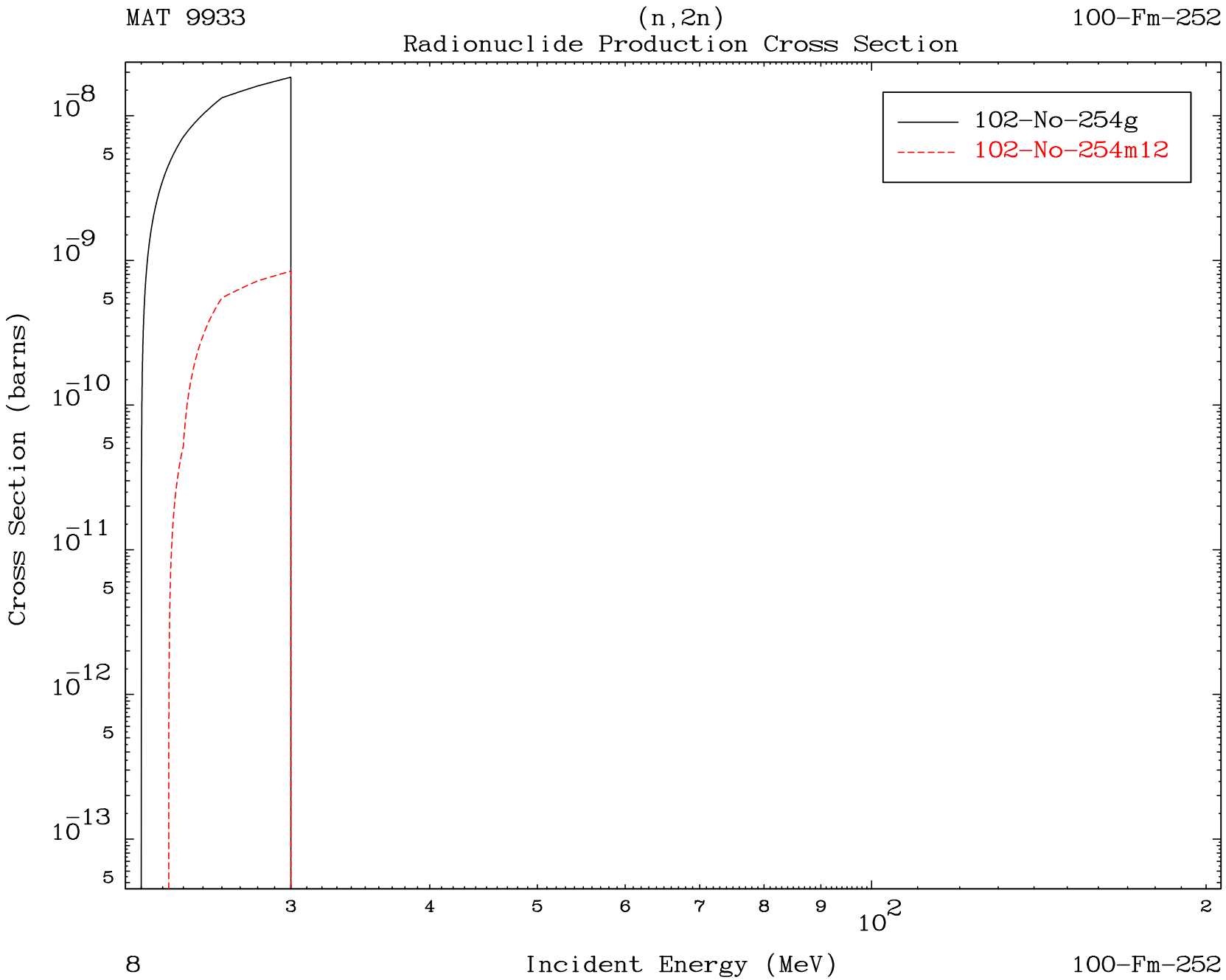

MAT 9933
α Charged Particle
0 Kelvin Cross Sections
100-Fm-252
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-252

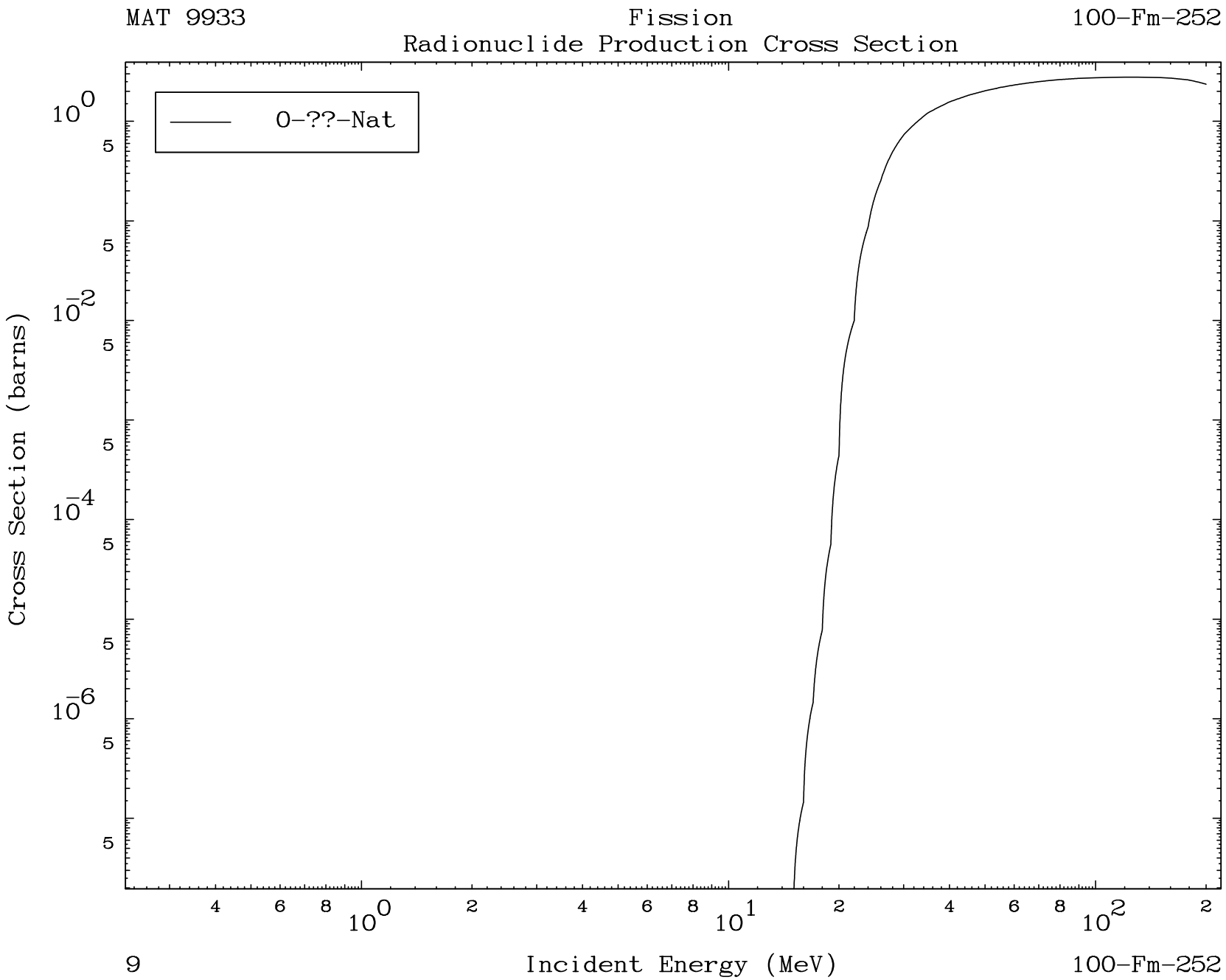

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

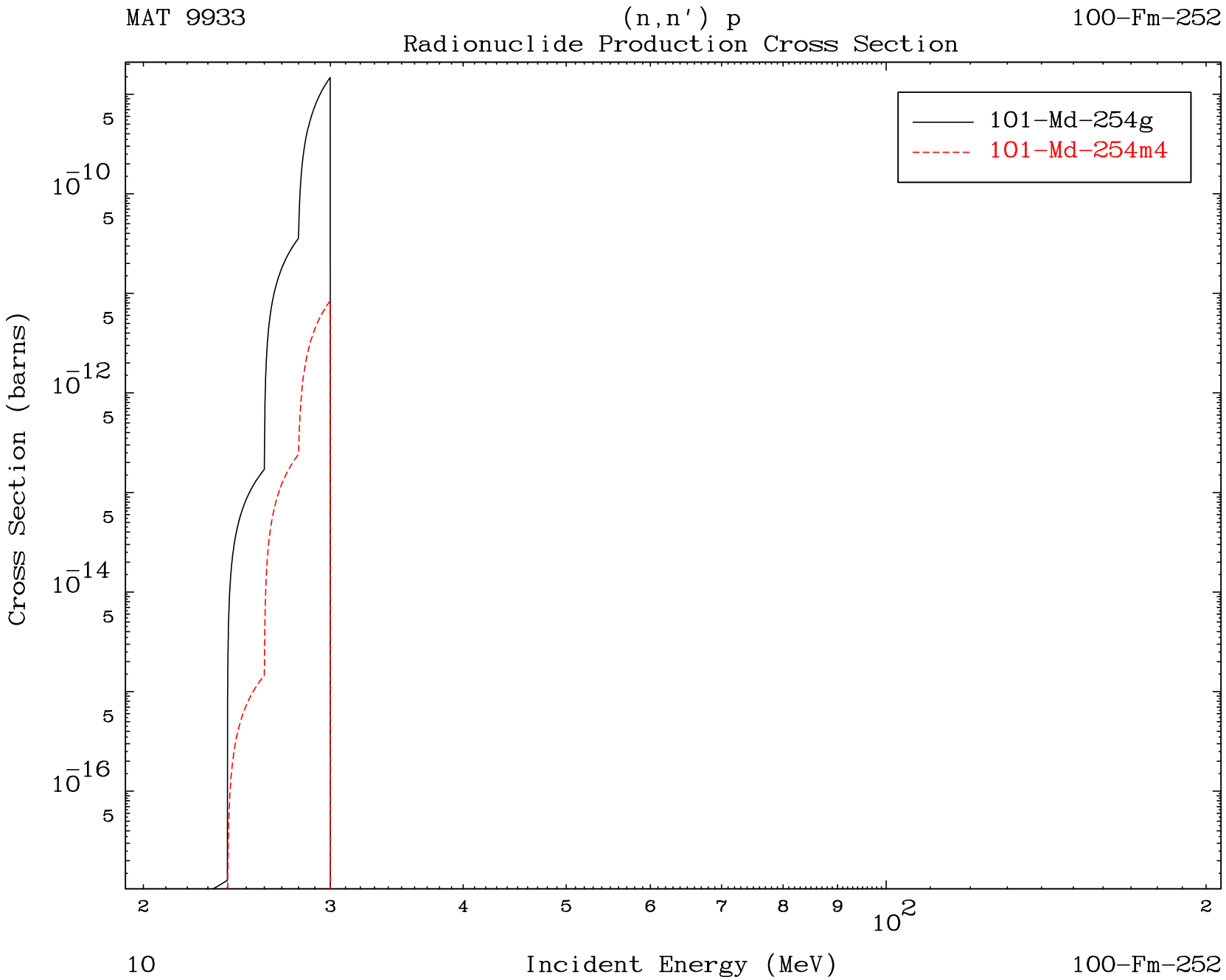

MAT 9933
(α,d) Levels
100-Fm-252
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
5
100-Fm-252

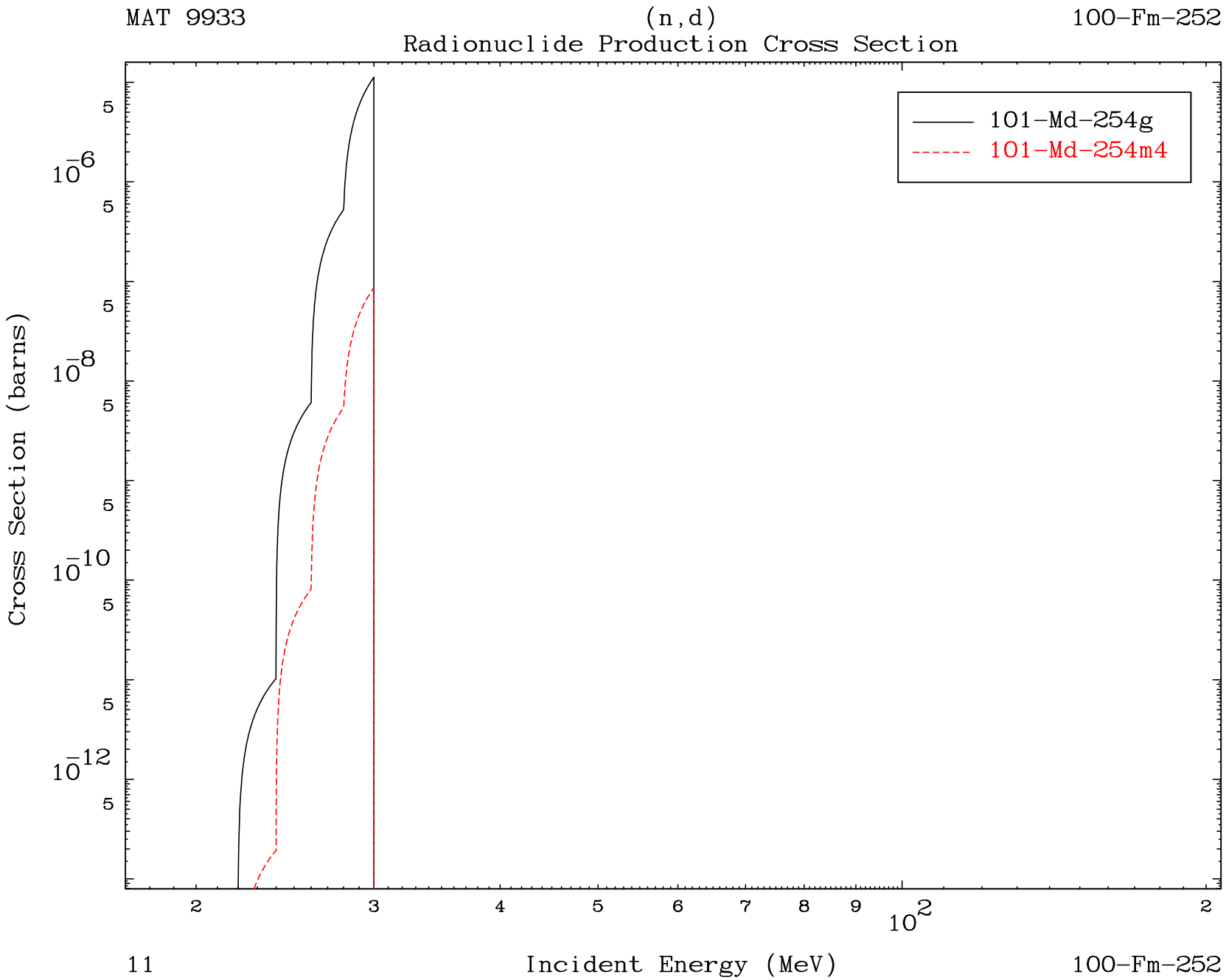

MAT 9933
(α,t) Levels
100-Fm-252
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
6
100-Fm-252


MAT 9933
(α,α) Levels
100-Fm-252
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
7
100-Fm-252


MAT 9933
(n,2n)
100-Fm-252
Radionuclide Production Cross Section
102-No-254g
102-No-254m12
Cross Section (barns)
10-8
10-9
10-10
10-11
10-12
10-13
5
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
100-Fm-252


MAT 9933
Fission
100-Fm-252
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
100-Fm-252


MAT 9933
(n,n') p
100-Fm-252
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m4
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
100-Fm-252


MAT 9933
(n,d)
100-Fm-252
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
100-Fm-252