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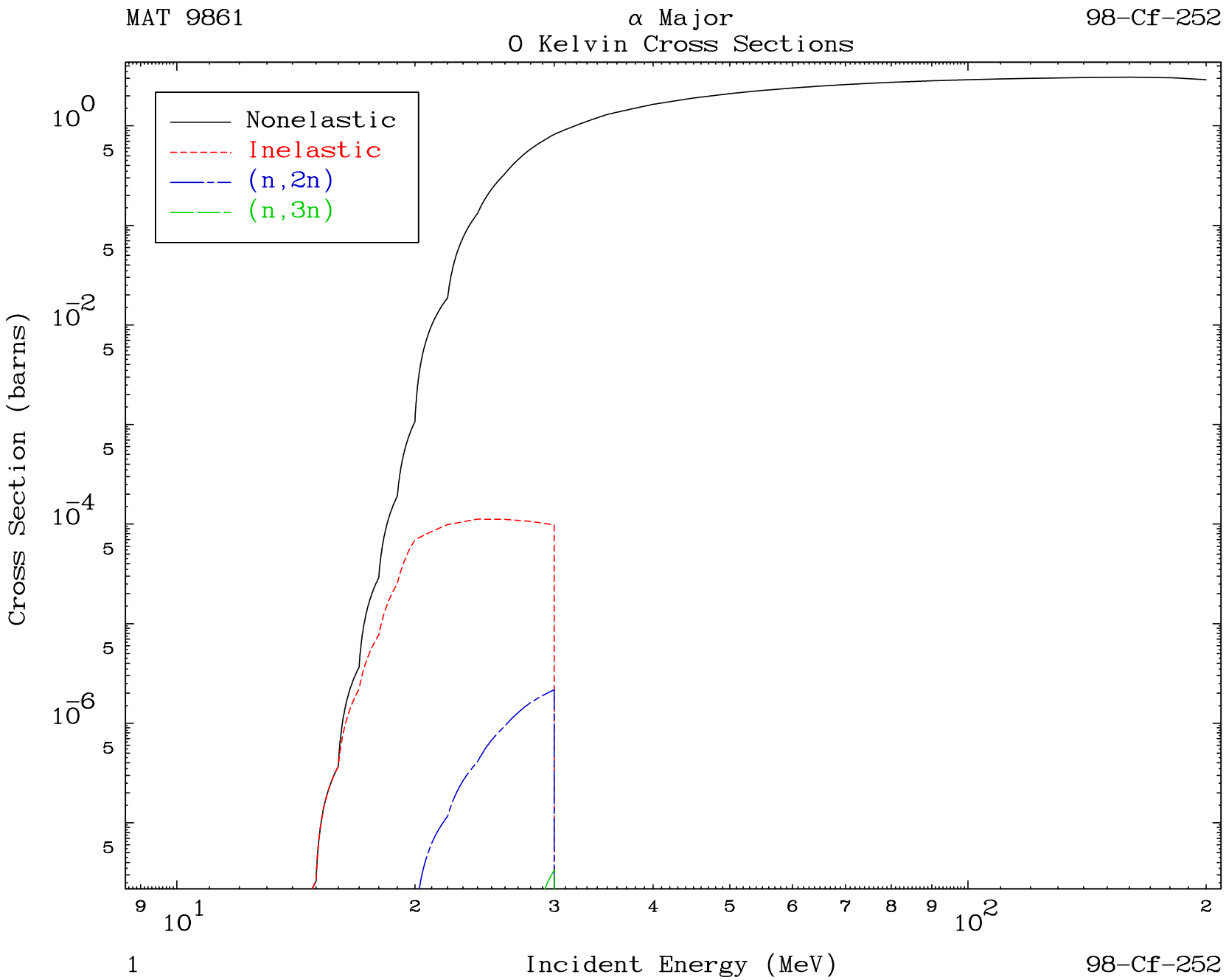
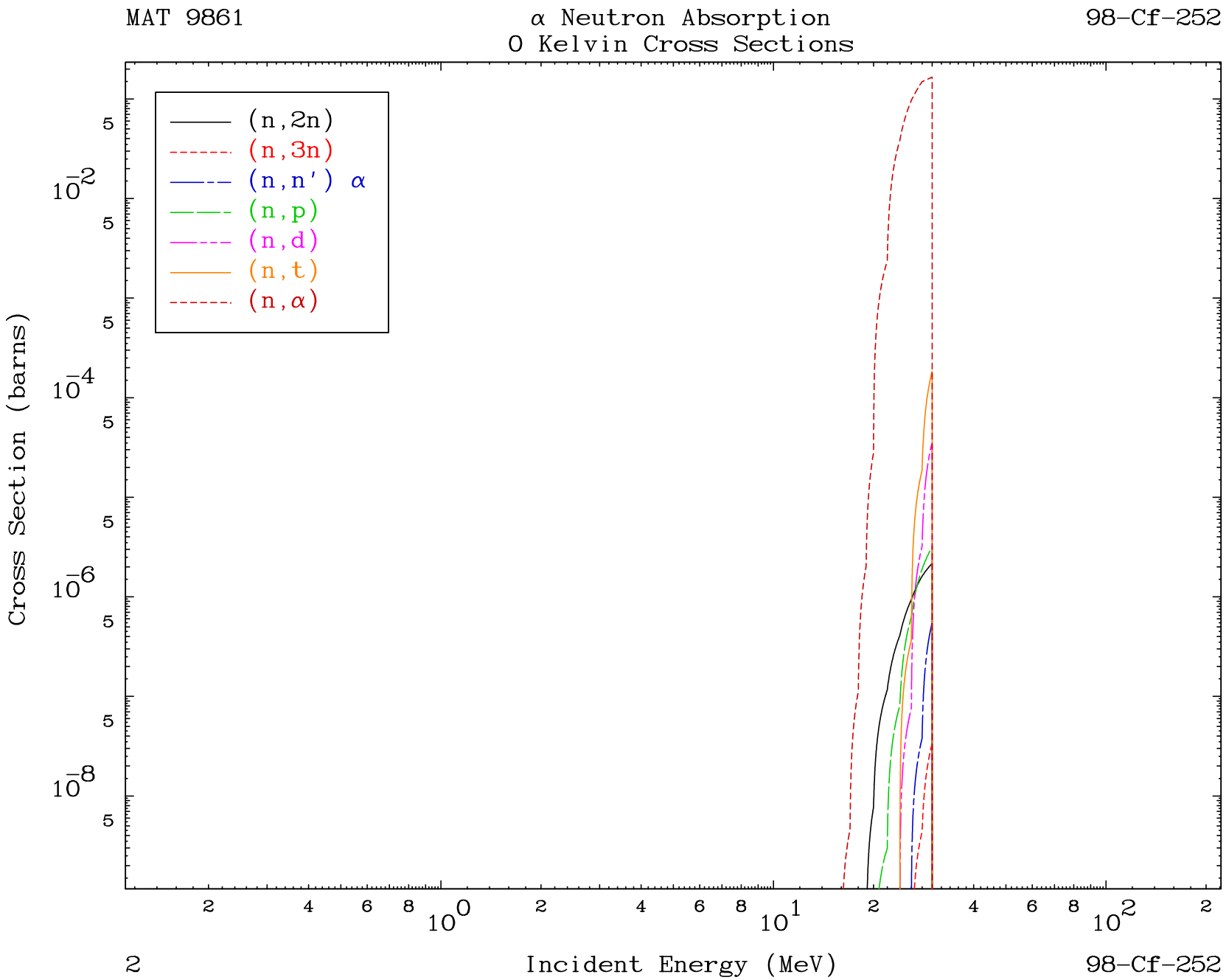
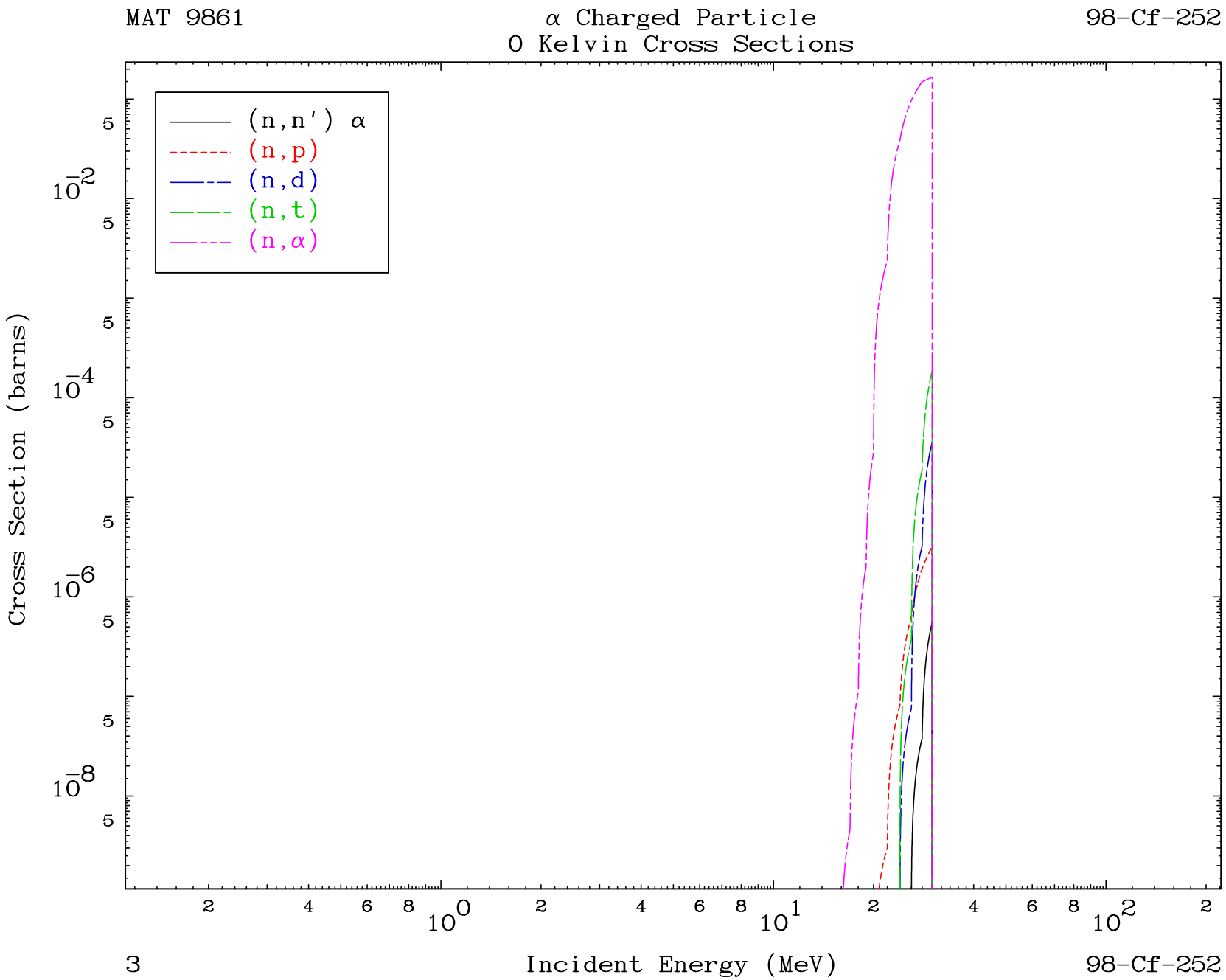
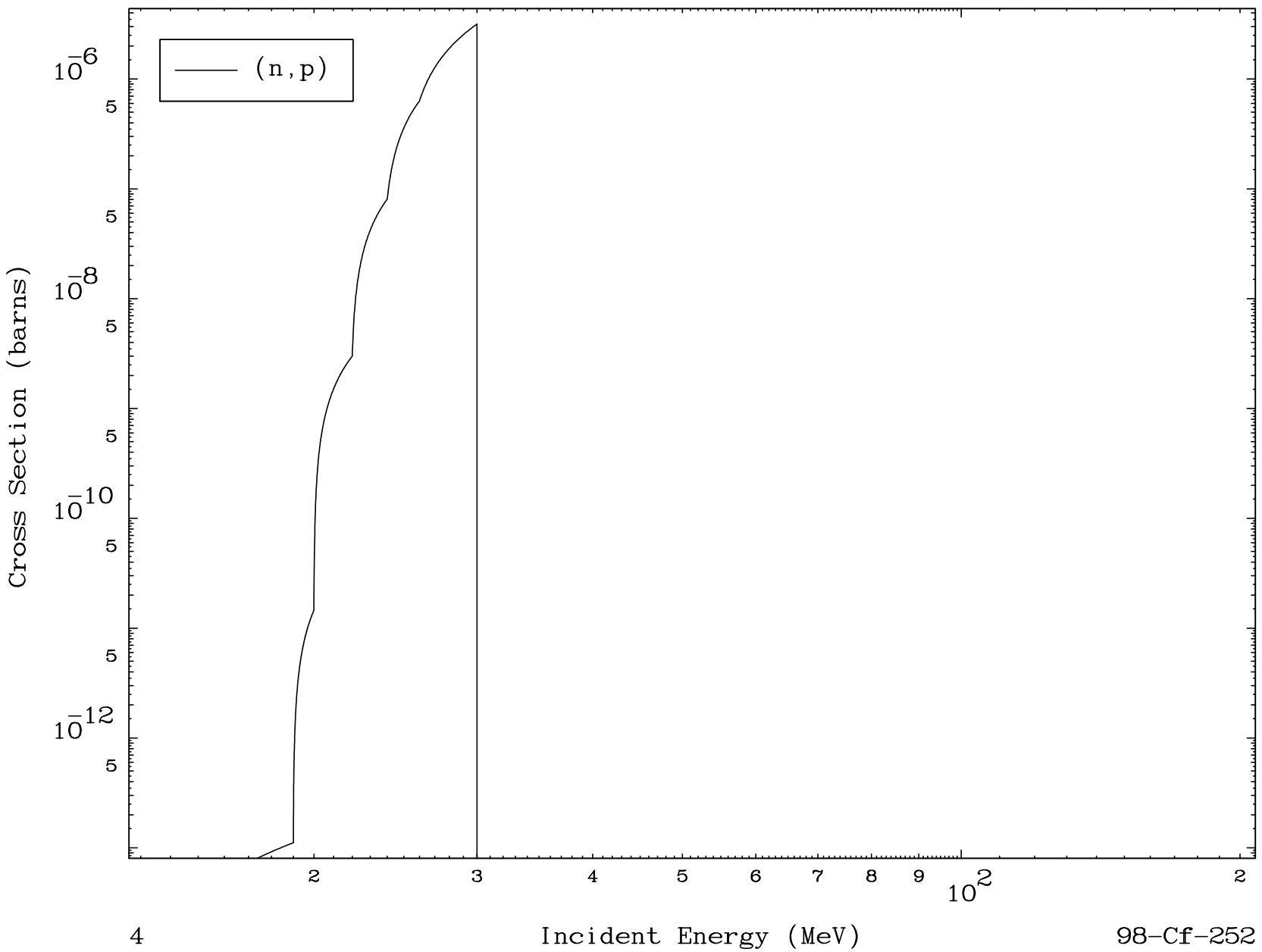
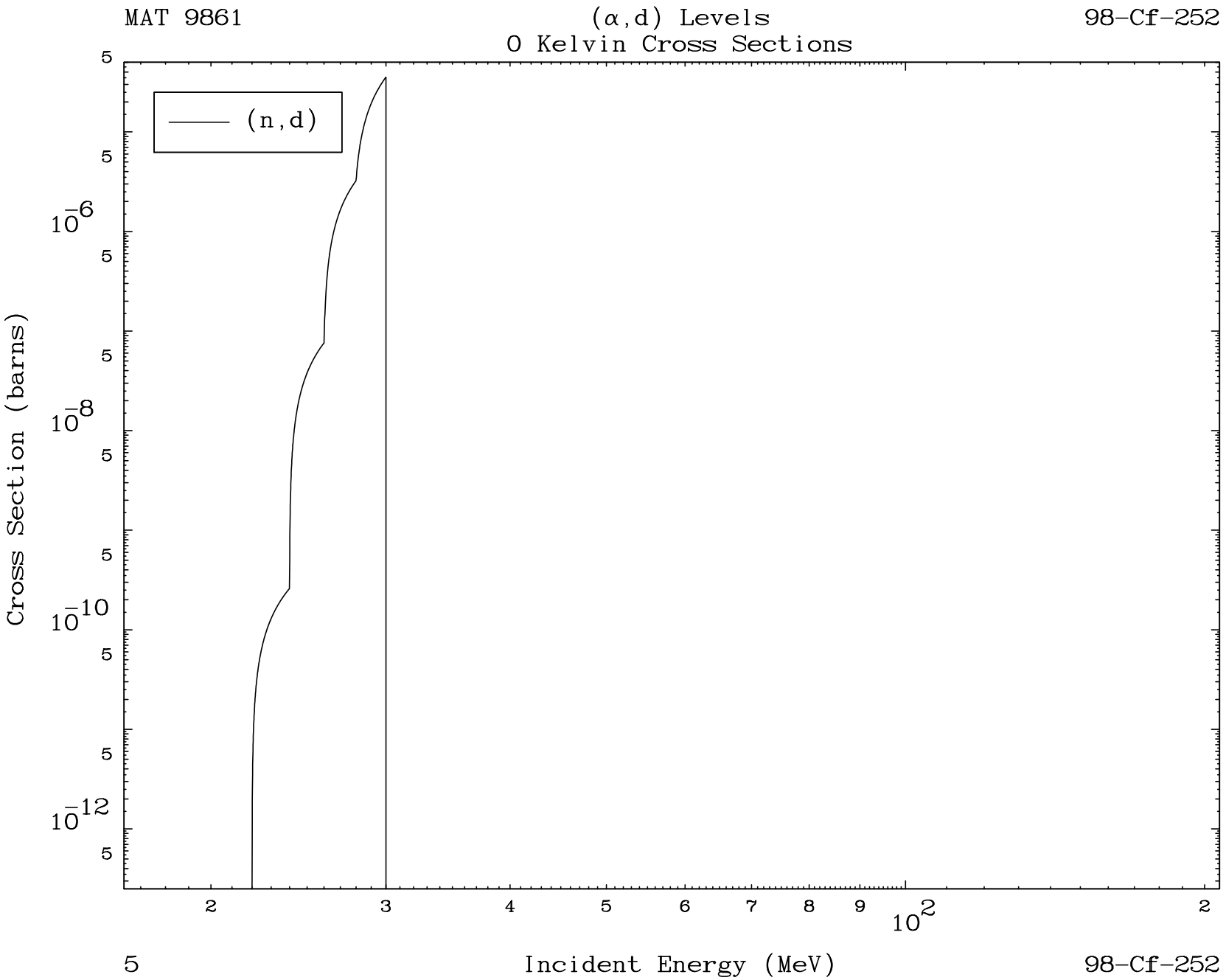
Press Mouse Button to Start

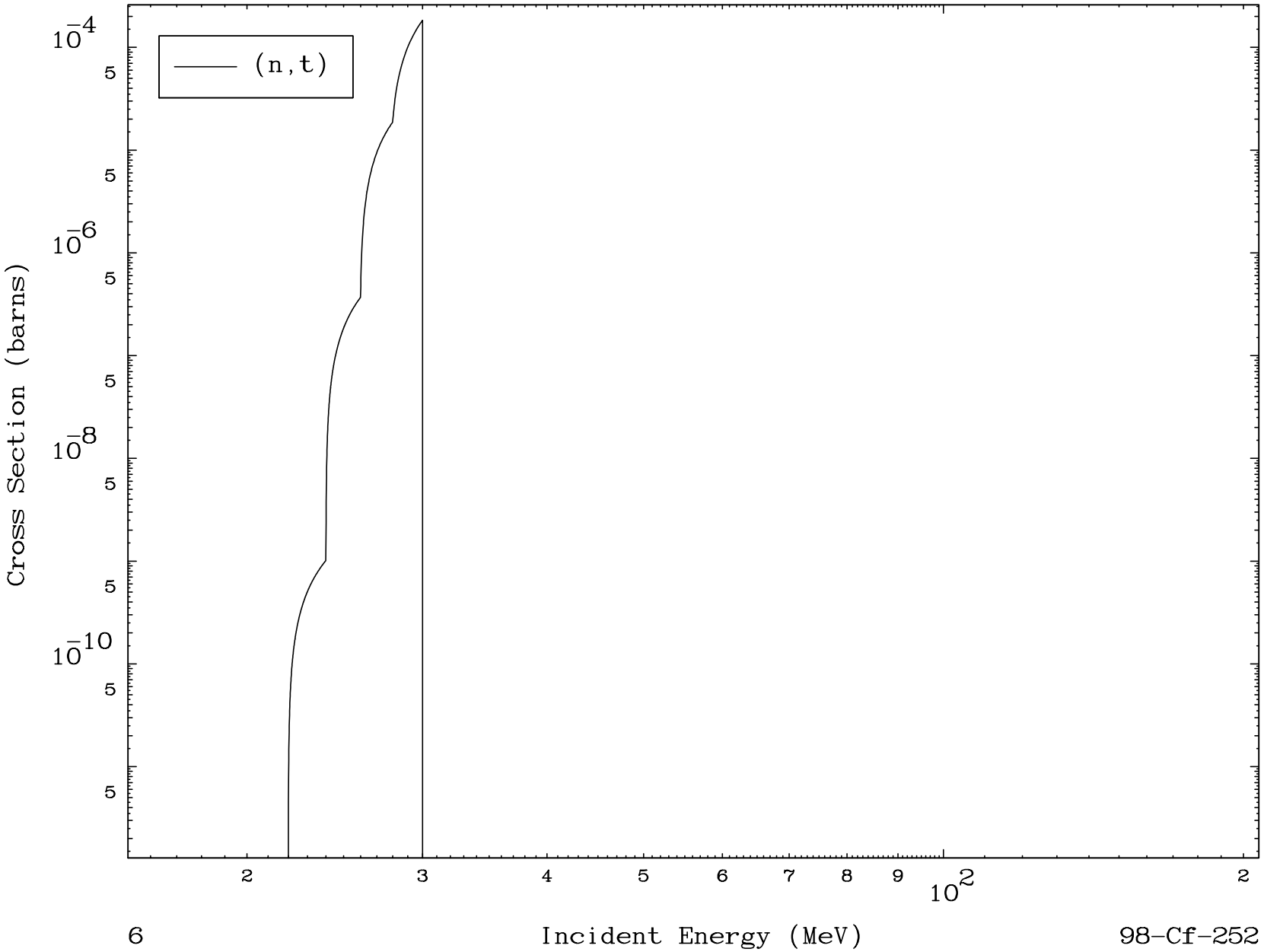

MAT 9861
α Major
98-Cf-252
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
1
Incident Energy (MeV)
98-Cf-252

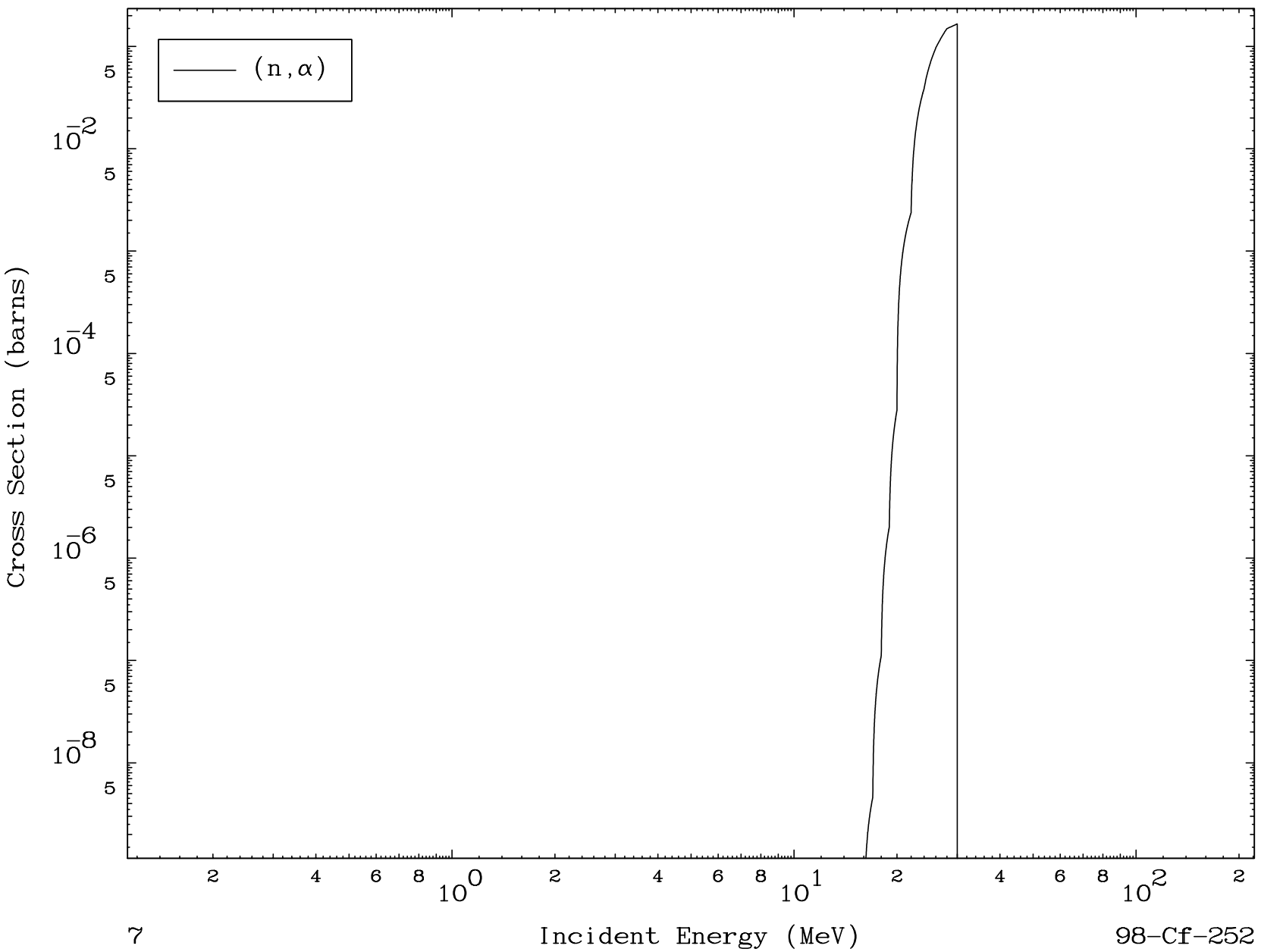

MAT 9861
α Neutron Absorption
0 Kelvin Cross Sections
98-Cf-252
(n,2n)
(n,3n)
(n,n') α
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
98-Cf-252

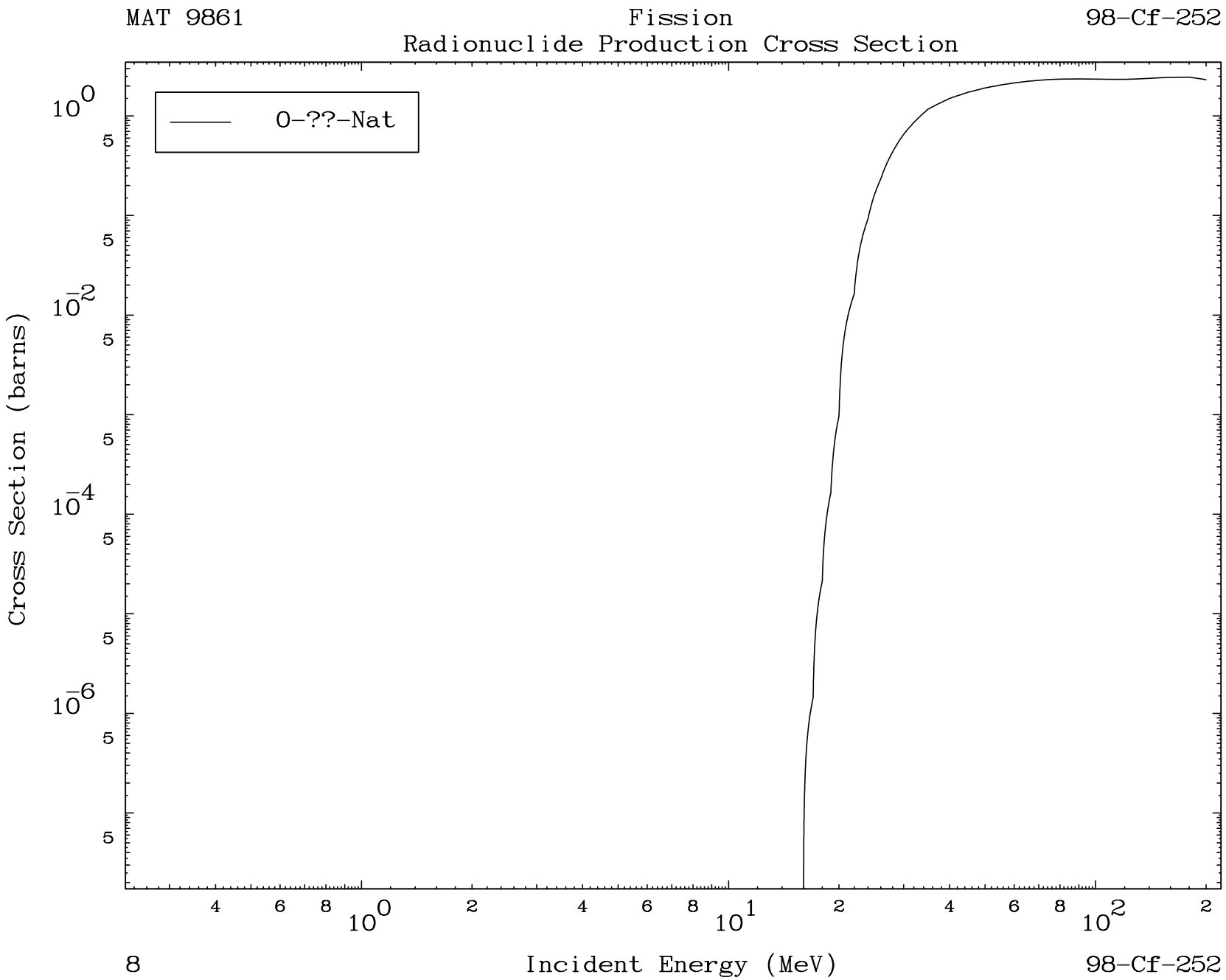

MAT 9861
α Charged Particle
0 Kelvin Cross Sections
98-Cf-252
(n,n') α
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
3
98-Cf-252

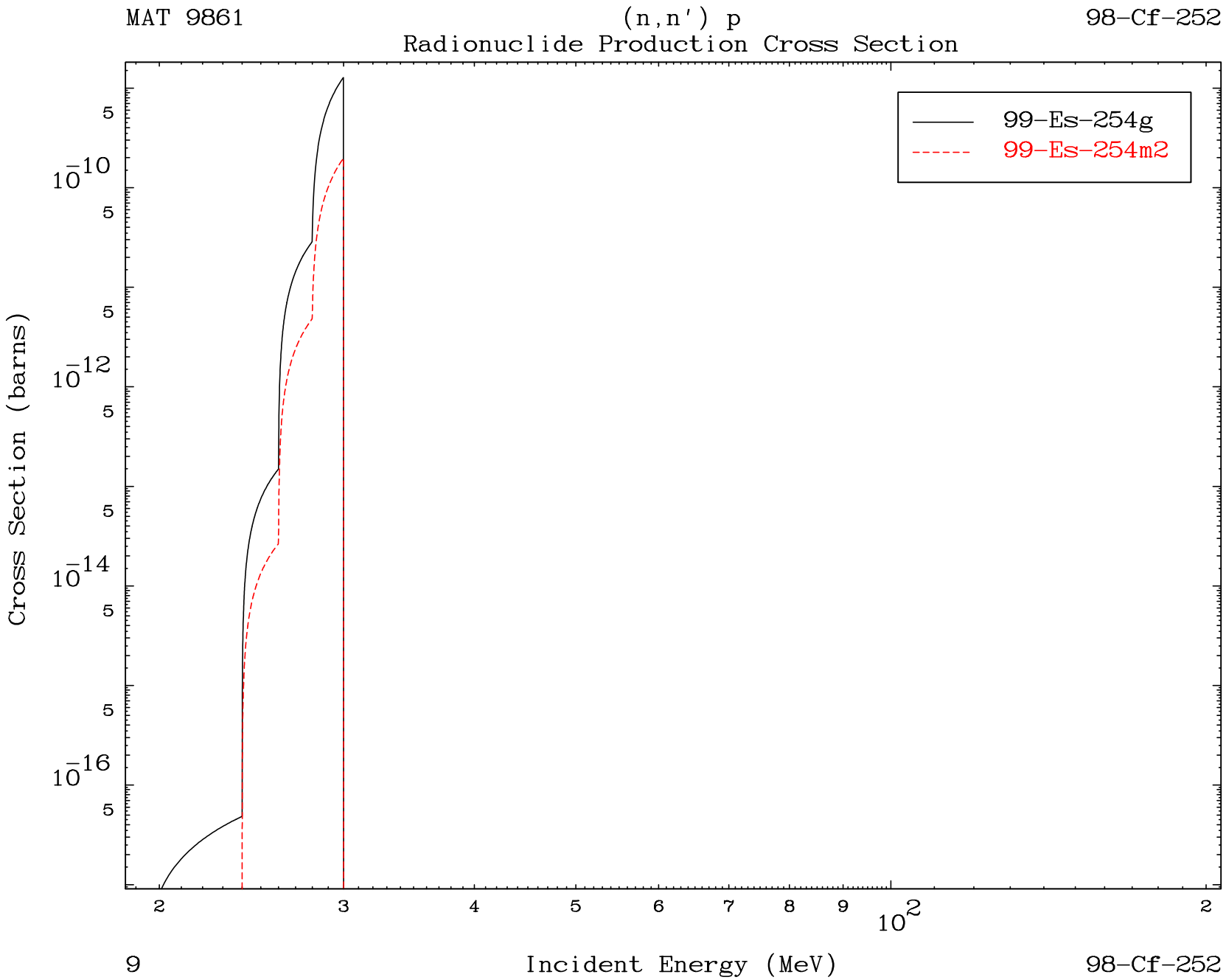

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-6
5
10-8
5
10-10
5
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

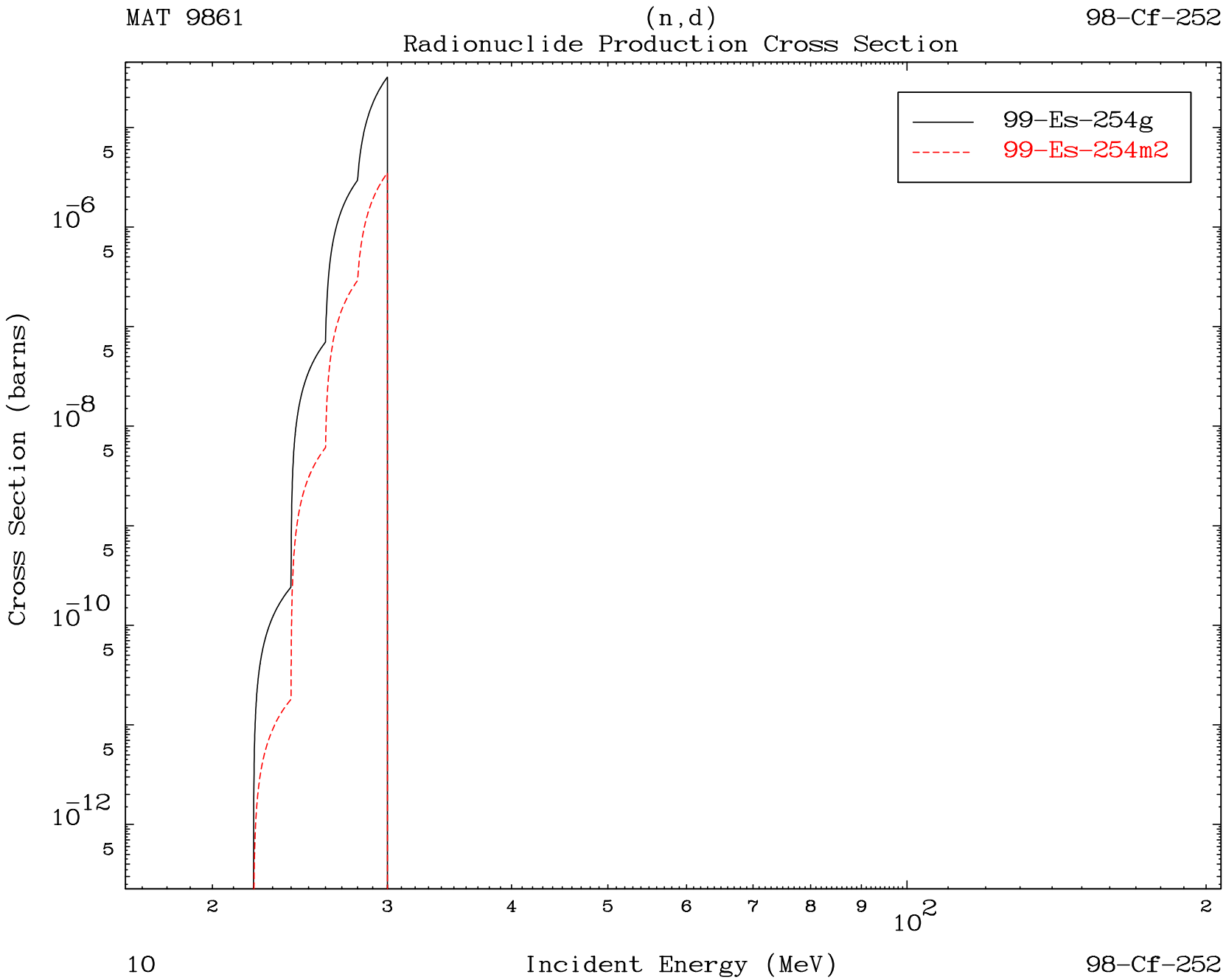

MAT 9861
(α,d) Levels
98-Cf-252
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
98-Cf-252


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


0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)


MAT 9861
Fission
98-Cf-252
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
98-Cf-252


MAT 9861
(n,n') p
98-Cf-252
Radionuclide Production Cross Section
99-Es-254g
99-Es-254m2
Cross Section (barns)
10-10
10-12
10-14
10-16
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
98-Cf-252


MAT 9861
(n,d)
98-Cf-252
Radionuclide Production Cross Section
99-Es-254g
99-Es-254m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
10
Incident Energy (MeV)
98-Cf-252