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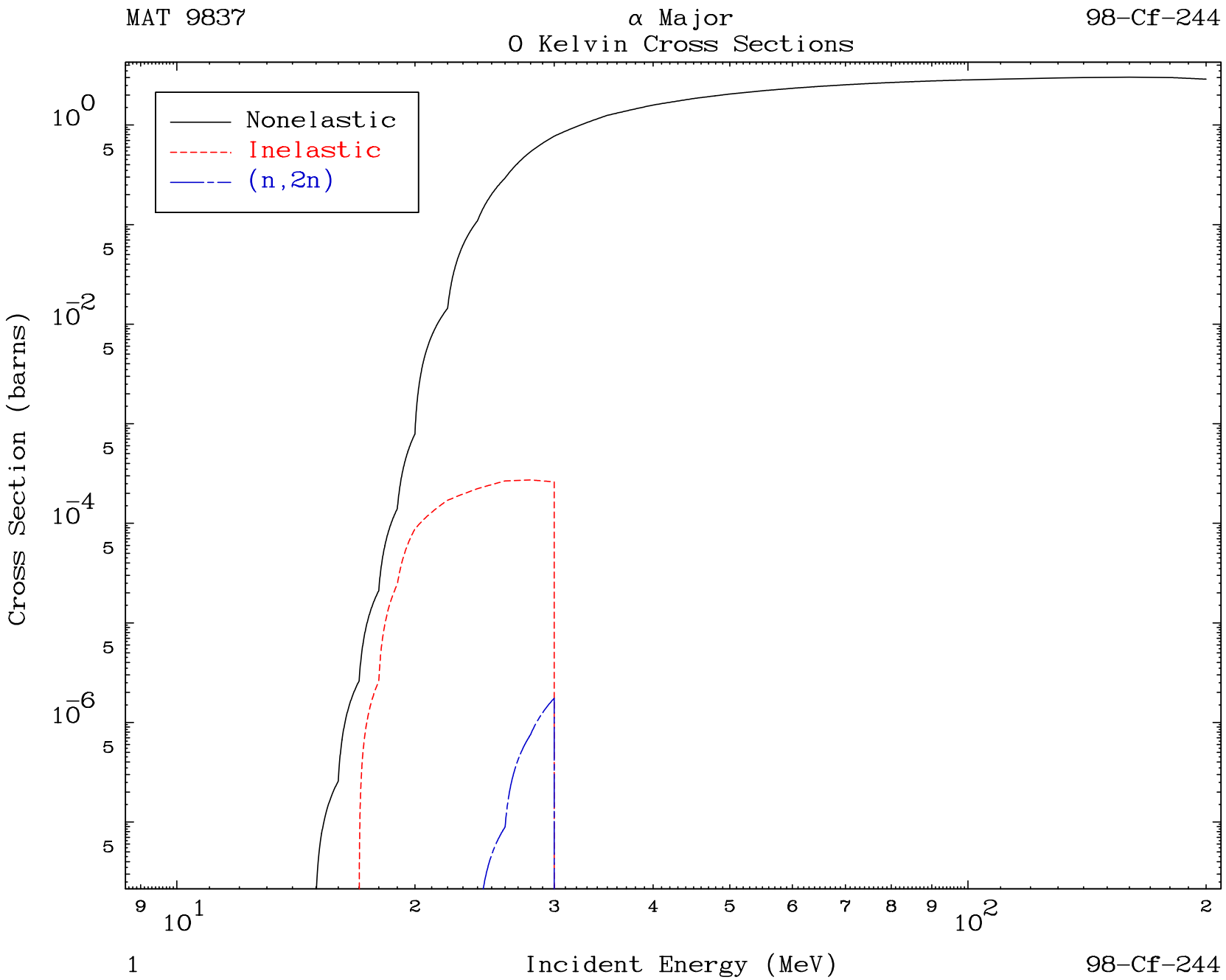
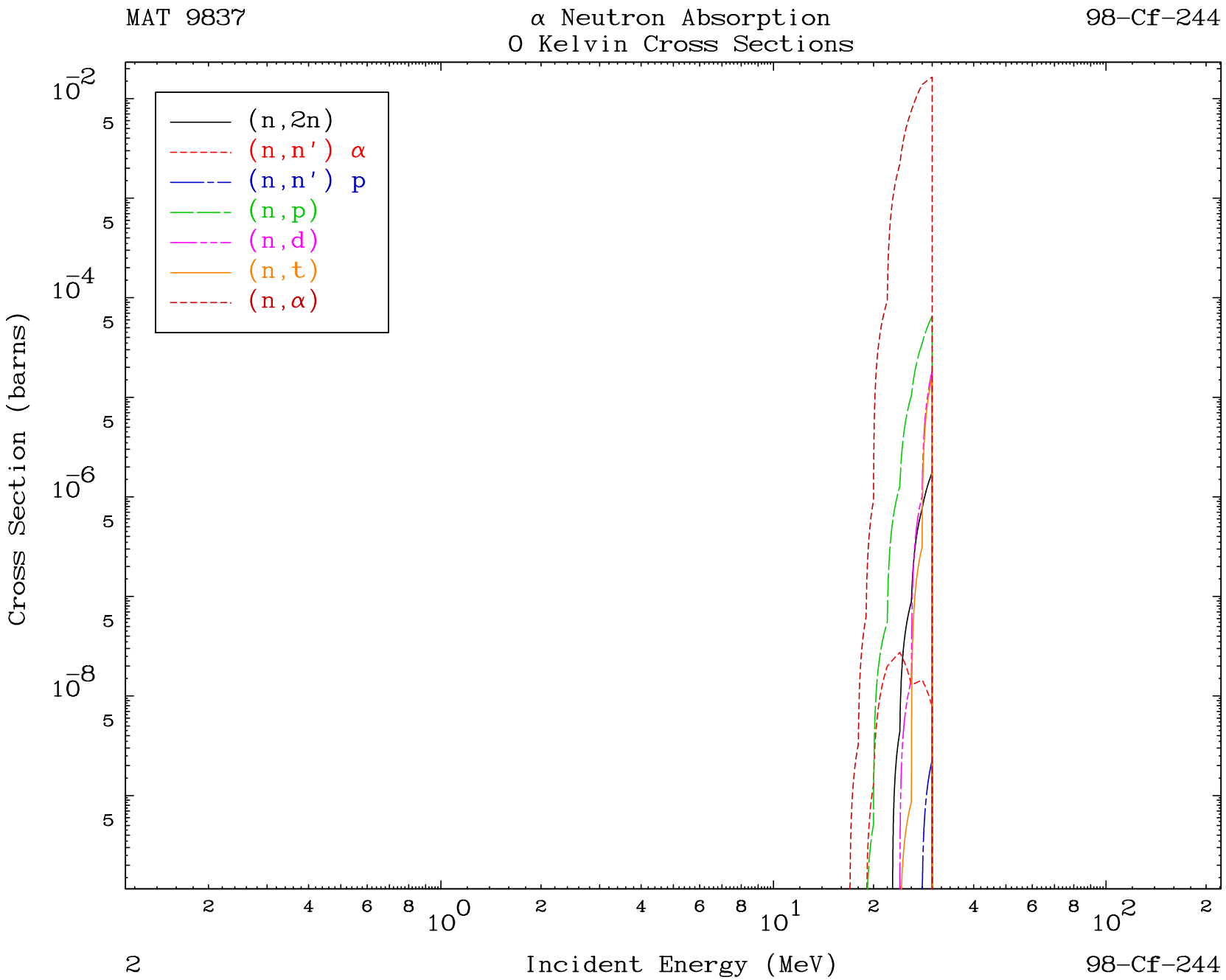
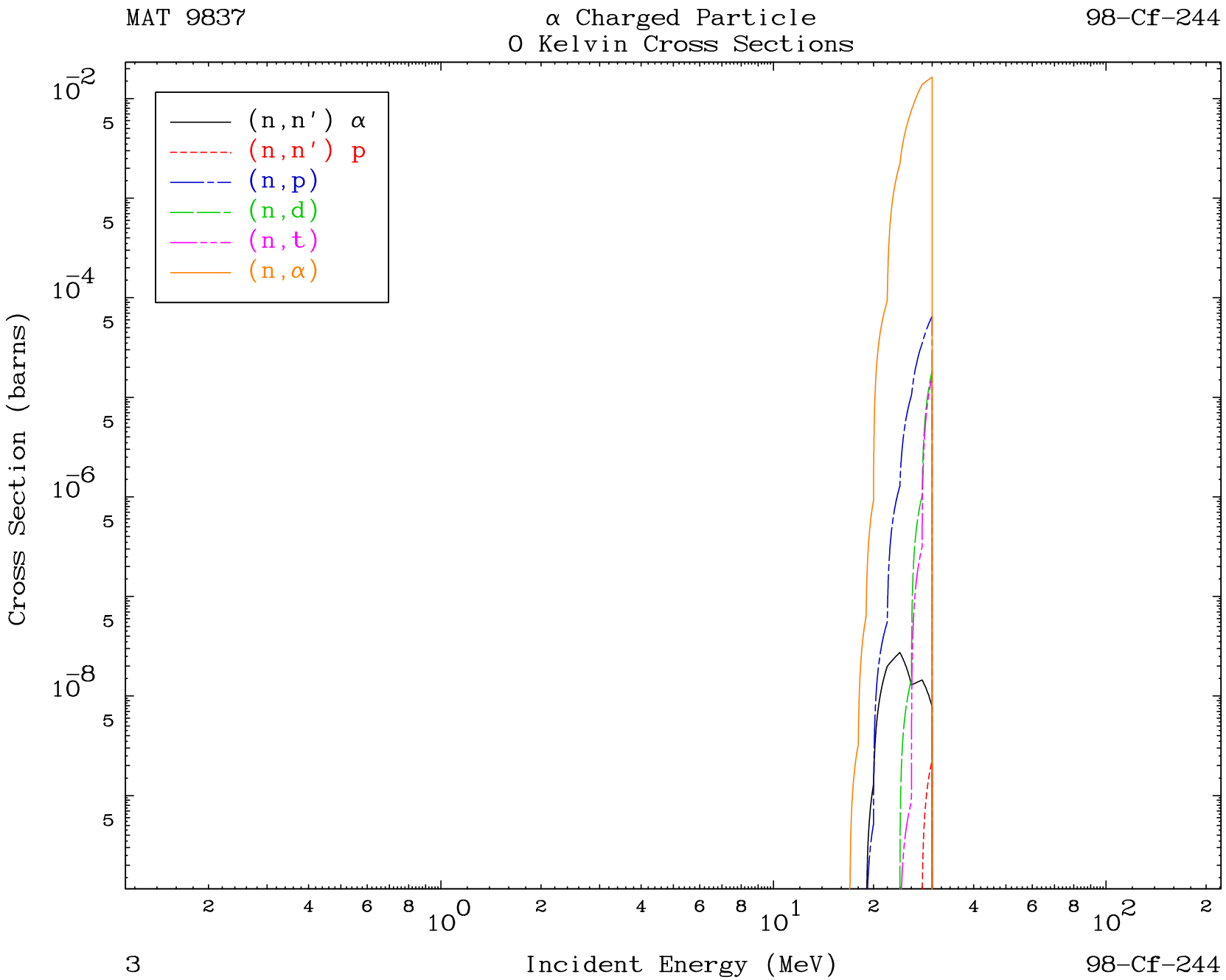
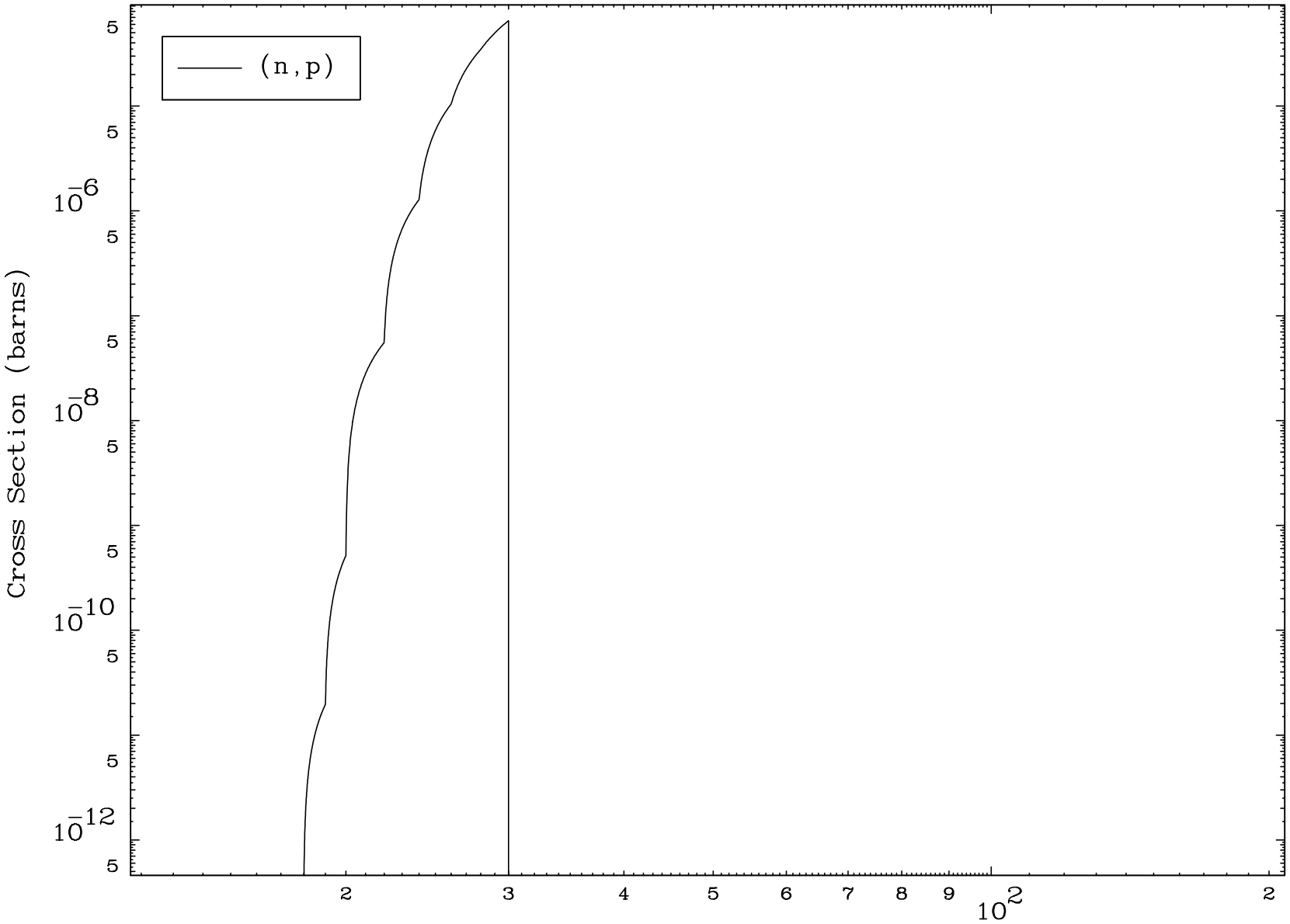
Press Mouse Button to Start

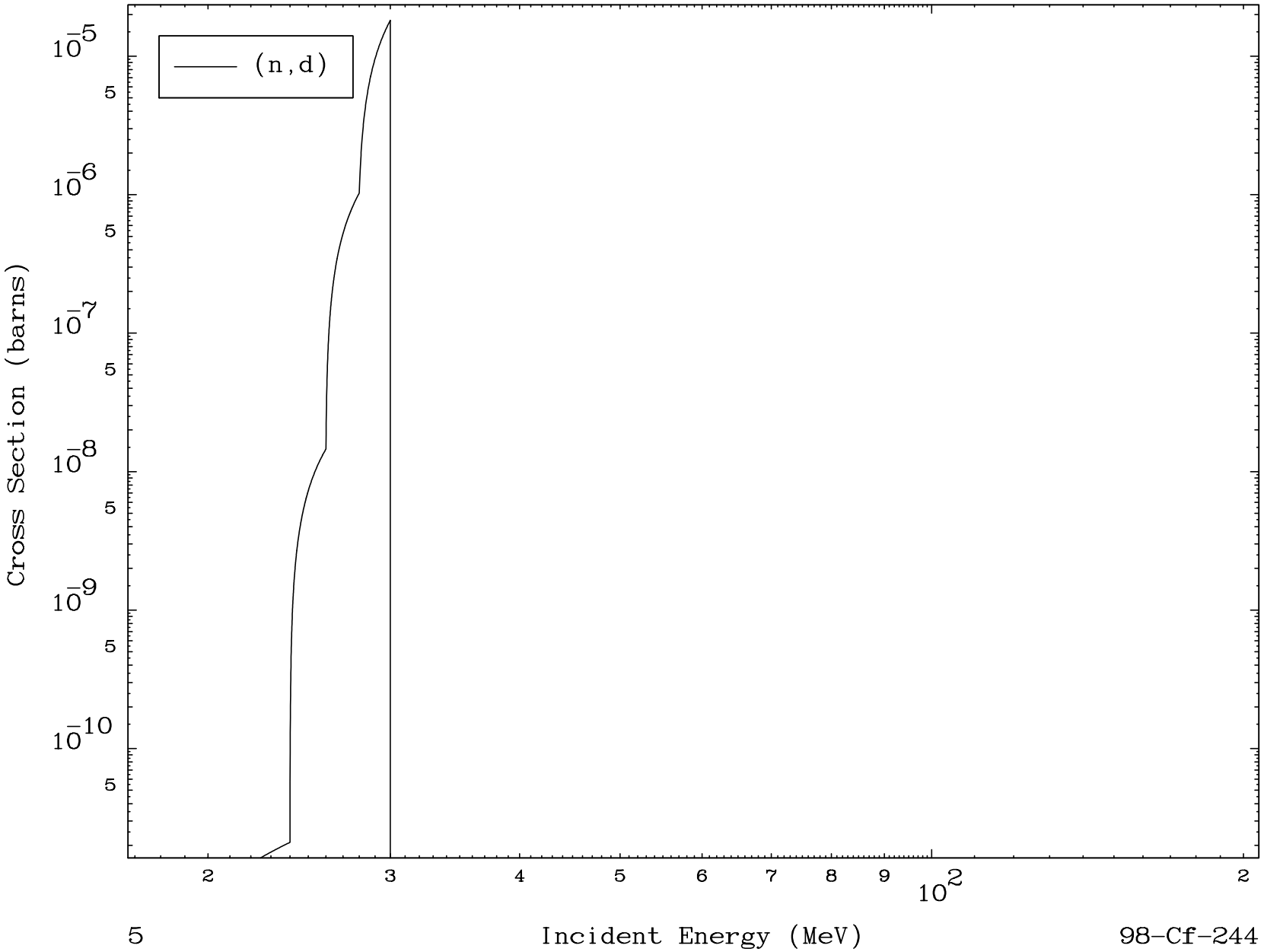

MAT 9837
α Major
98-Cf-244
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
1
Incident Energy (MeV)
98-Cf-244


MAT 9837
α Neutron Absorption
0 Kelvin Cross Sections
98-Cf-244
(n,2n)
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
98-Cf-244
2

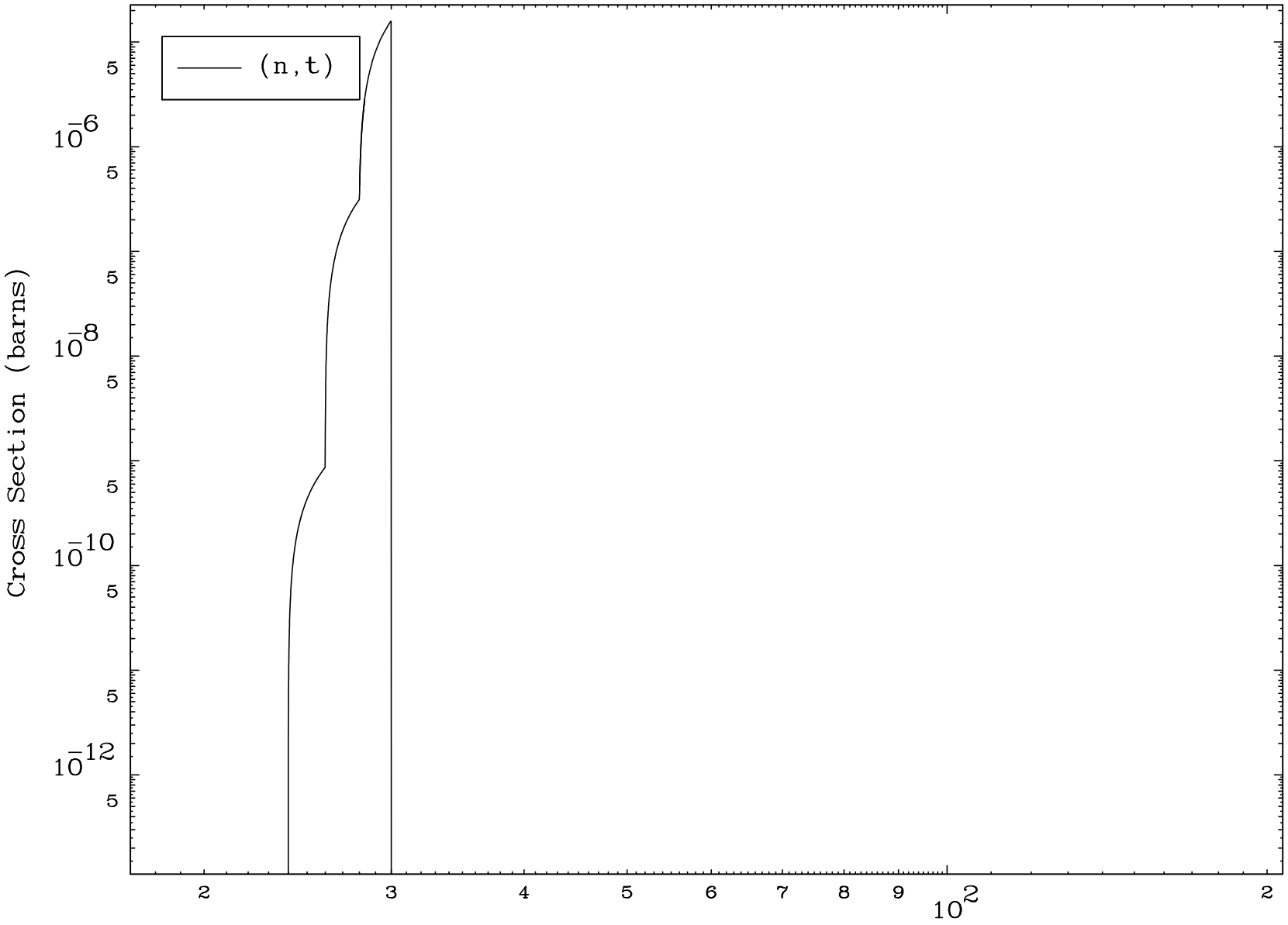

MAT 9837
α Charged Particle
0 Kelvin Cross Sections
98-Cf-244
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
98-Cf-244

0 Kelvin Cross Sections

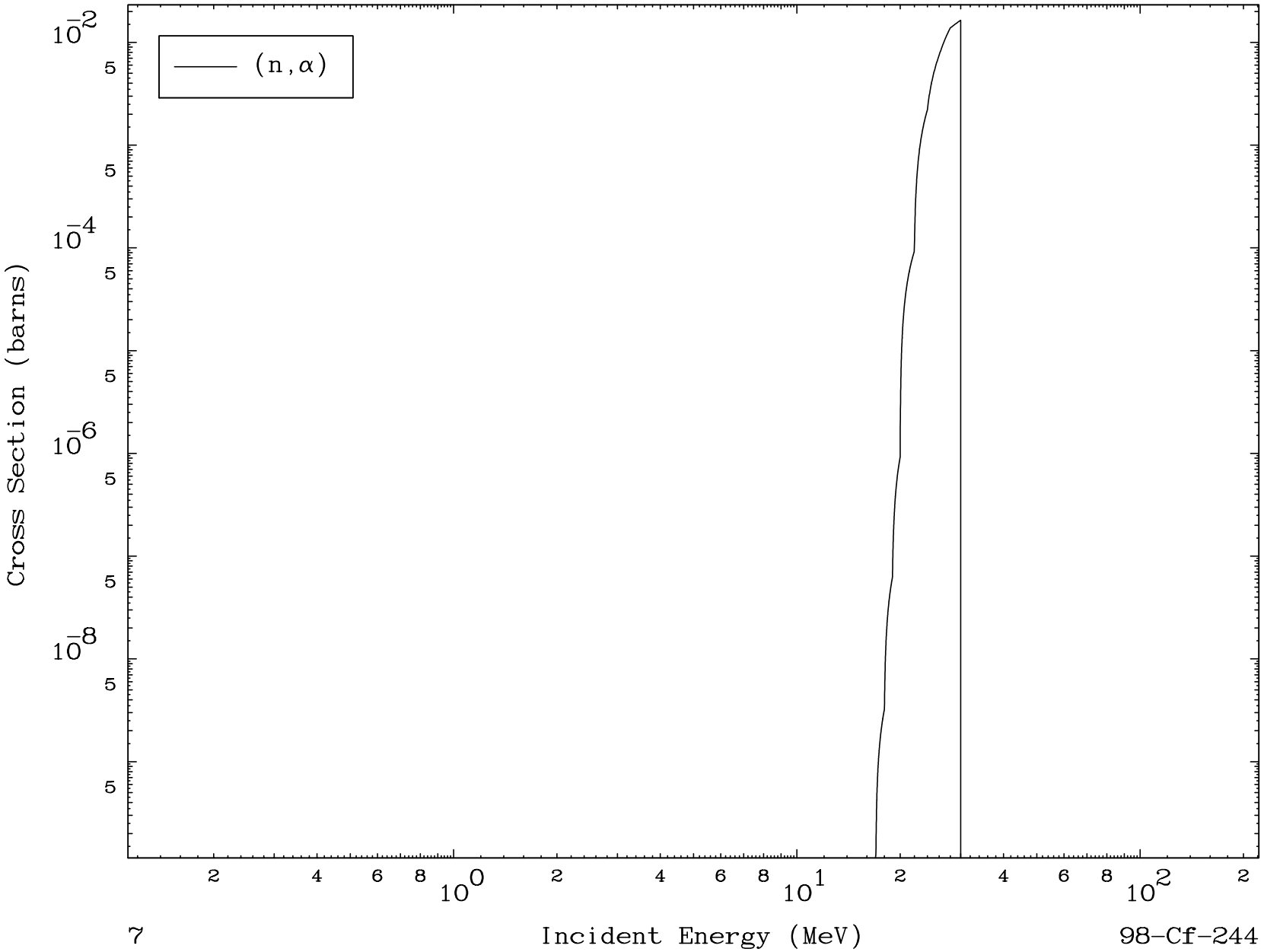


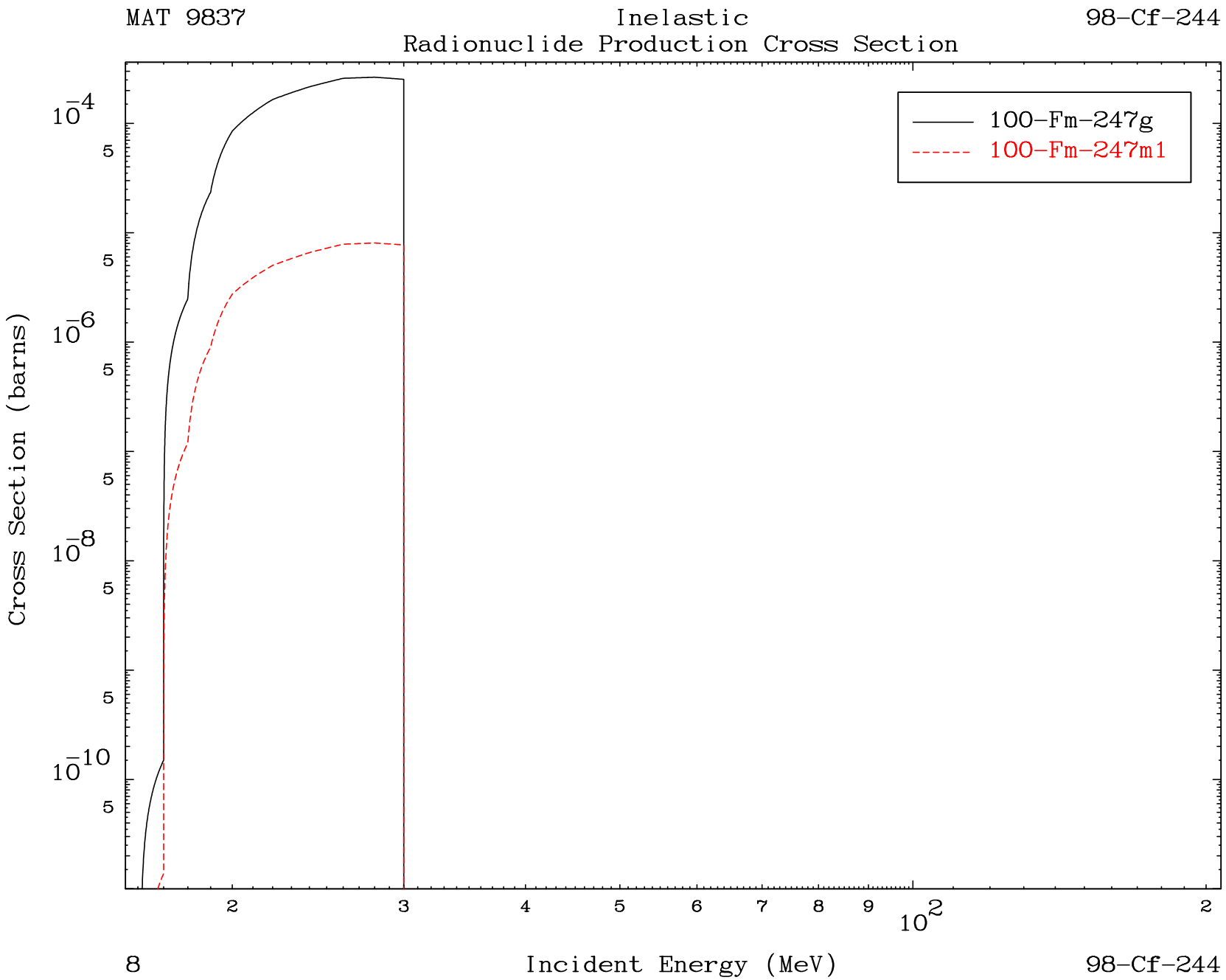

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-5
5
10-6
5
10-7
5
10-8
5
10-9
5
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

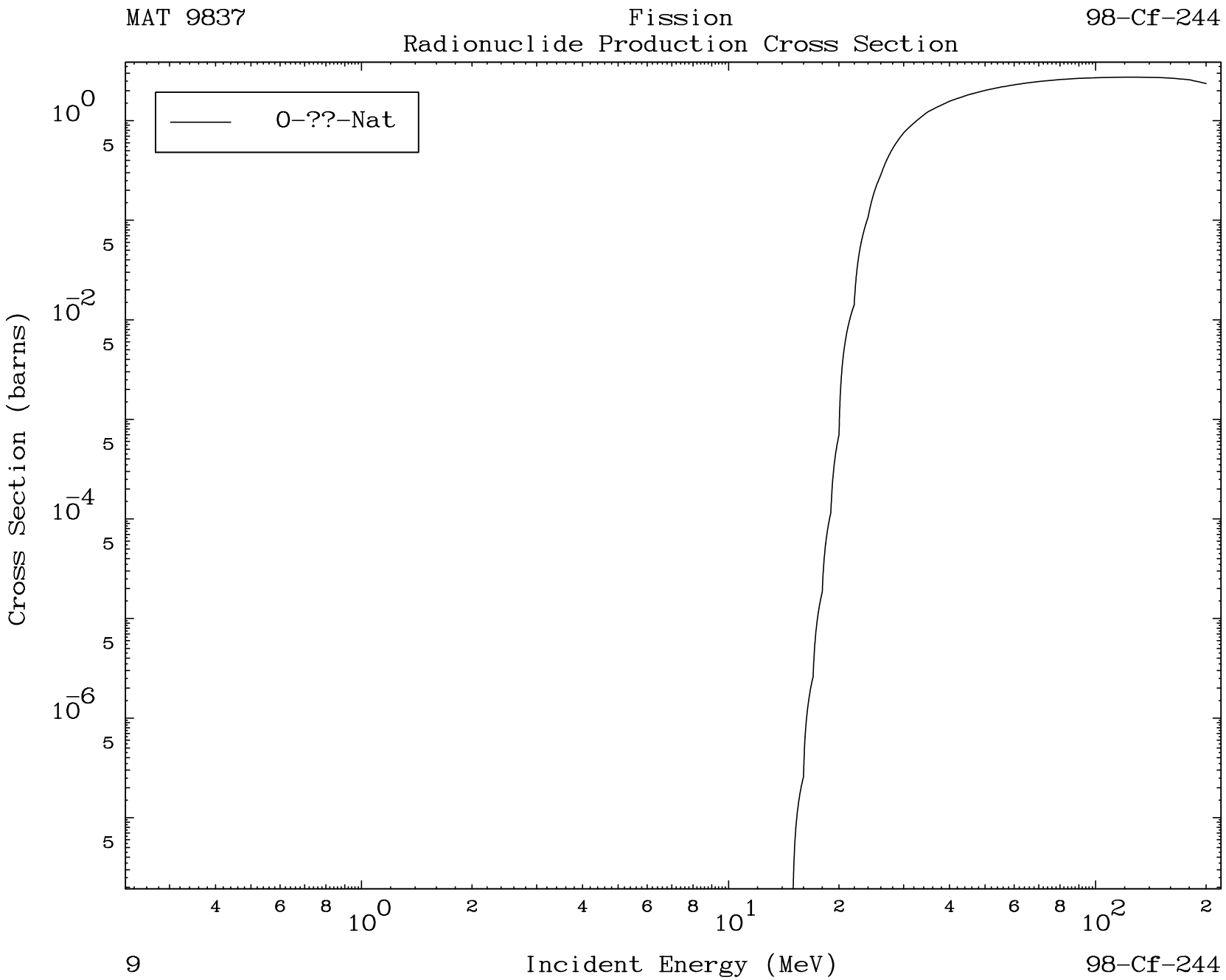
0 Kelvin Cross Sections

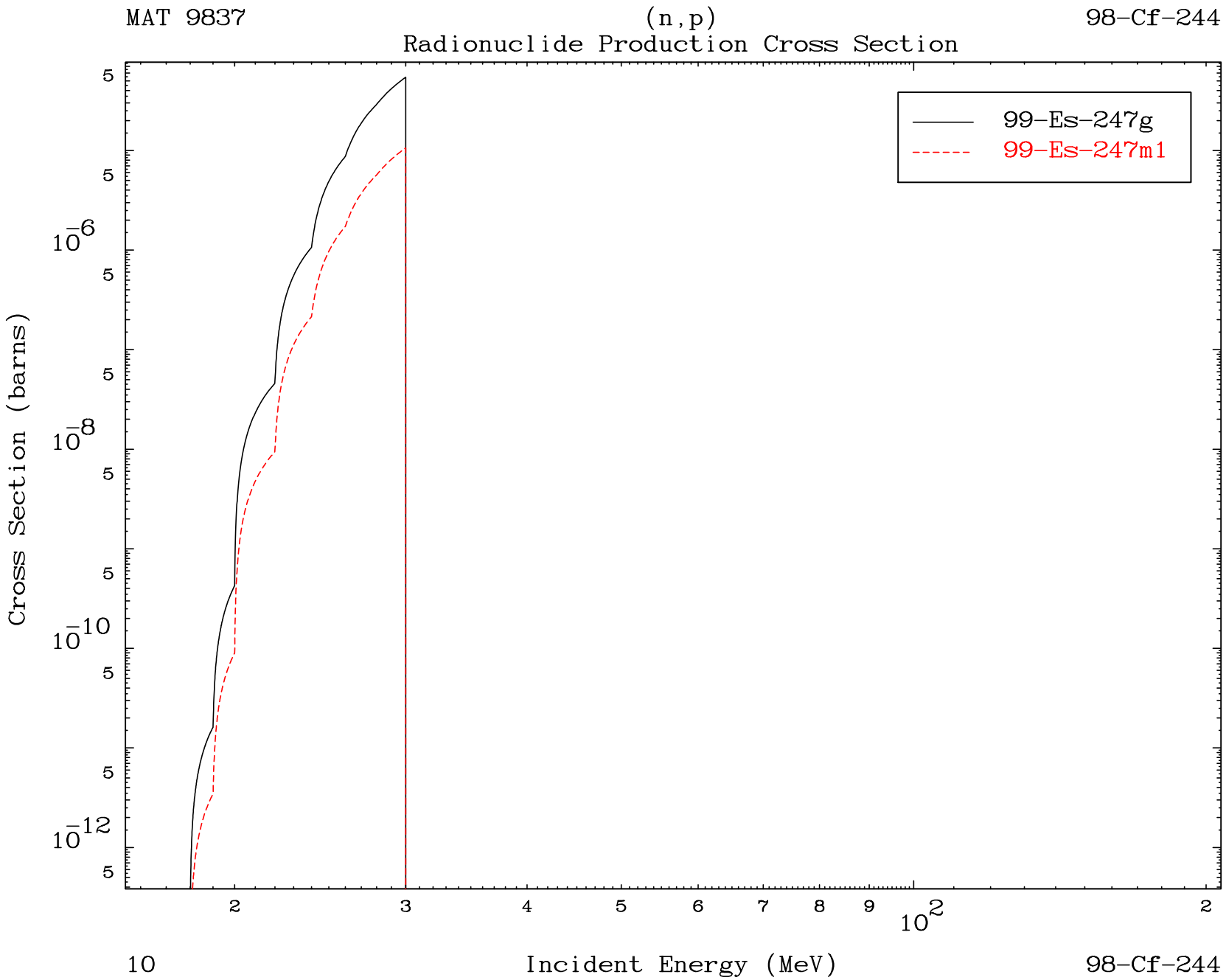


0 Kelvin Cross Sections




MAT 9837
Inelastic
98-Cf-244
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
8
98-Cf-244


MAT 9837
Fission
98-Cf-244
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
98-Cf-244


MAT 9837
(n,p)
98-Cf-244
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
98-Cf-244