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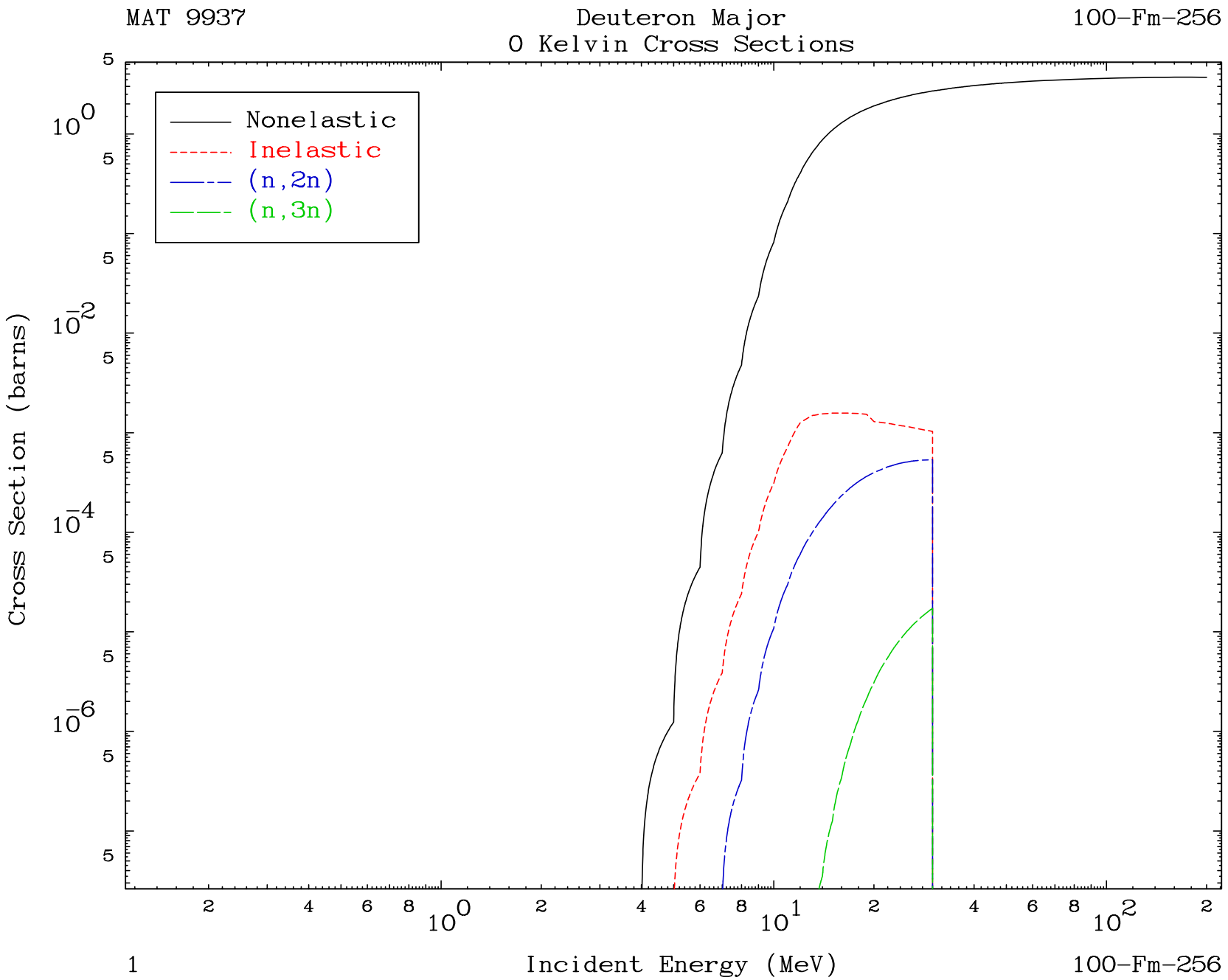
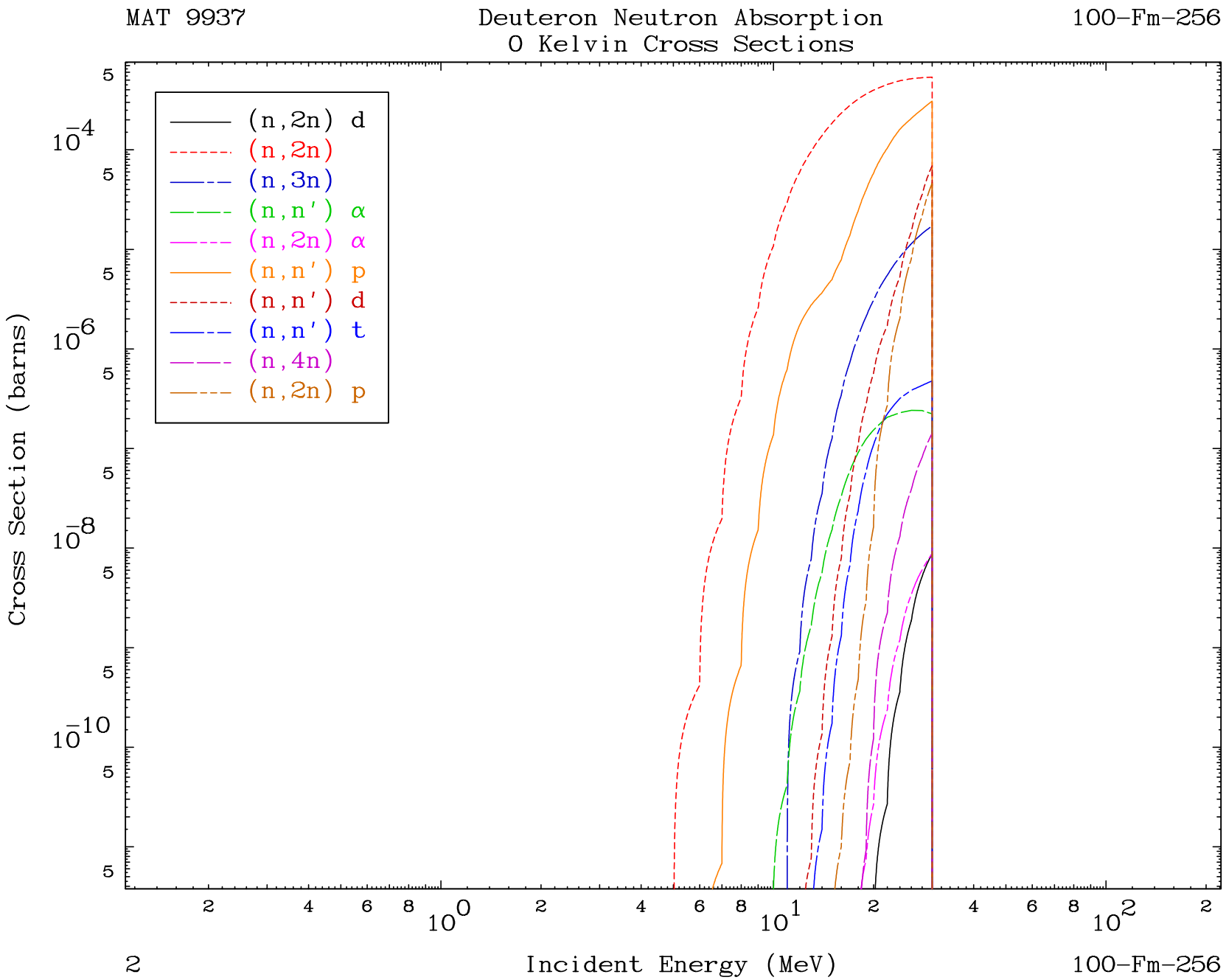
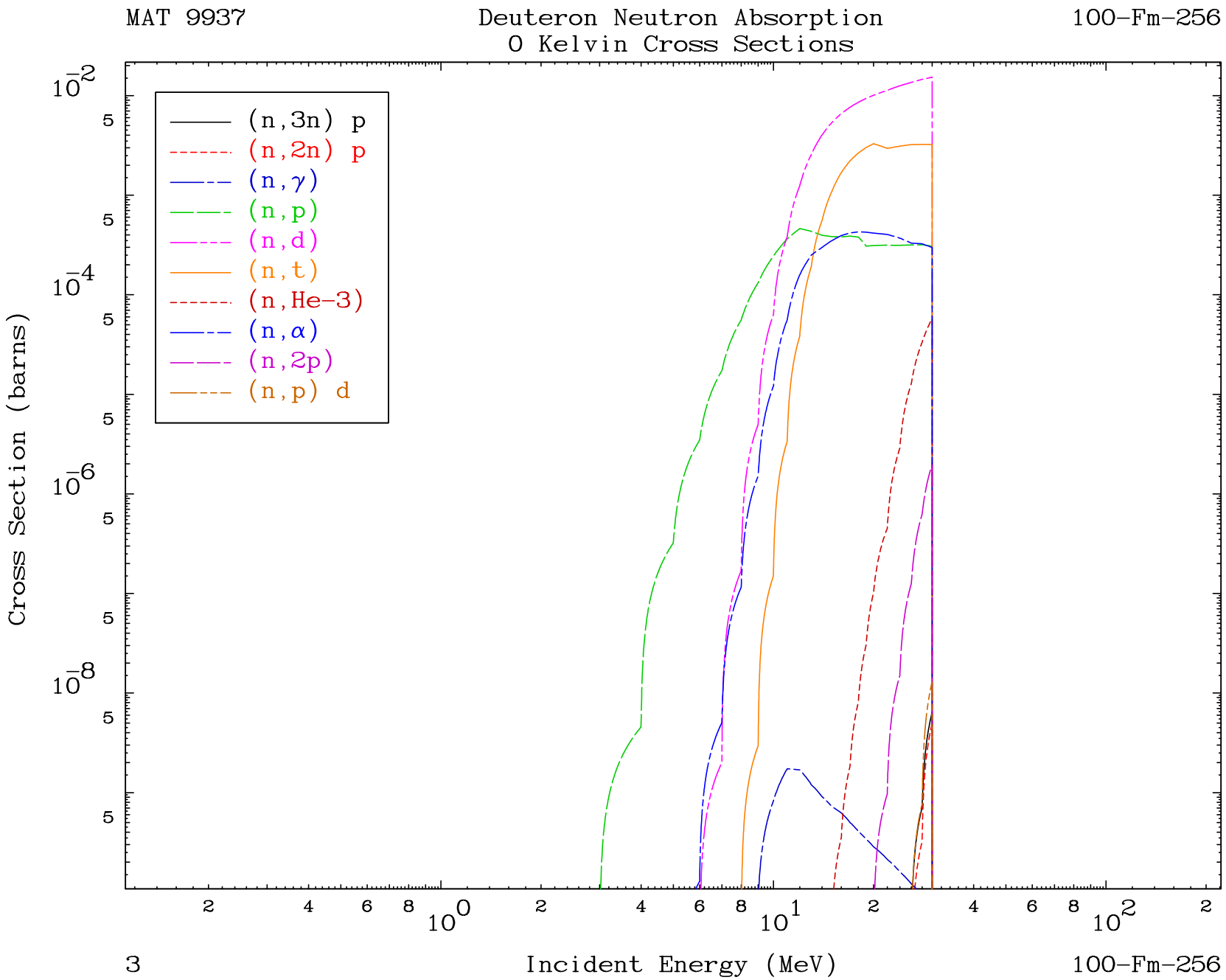
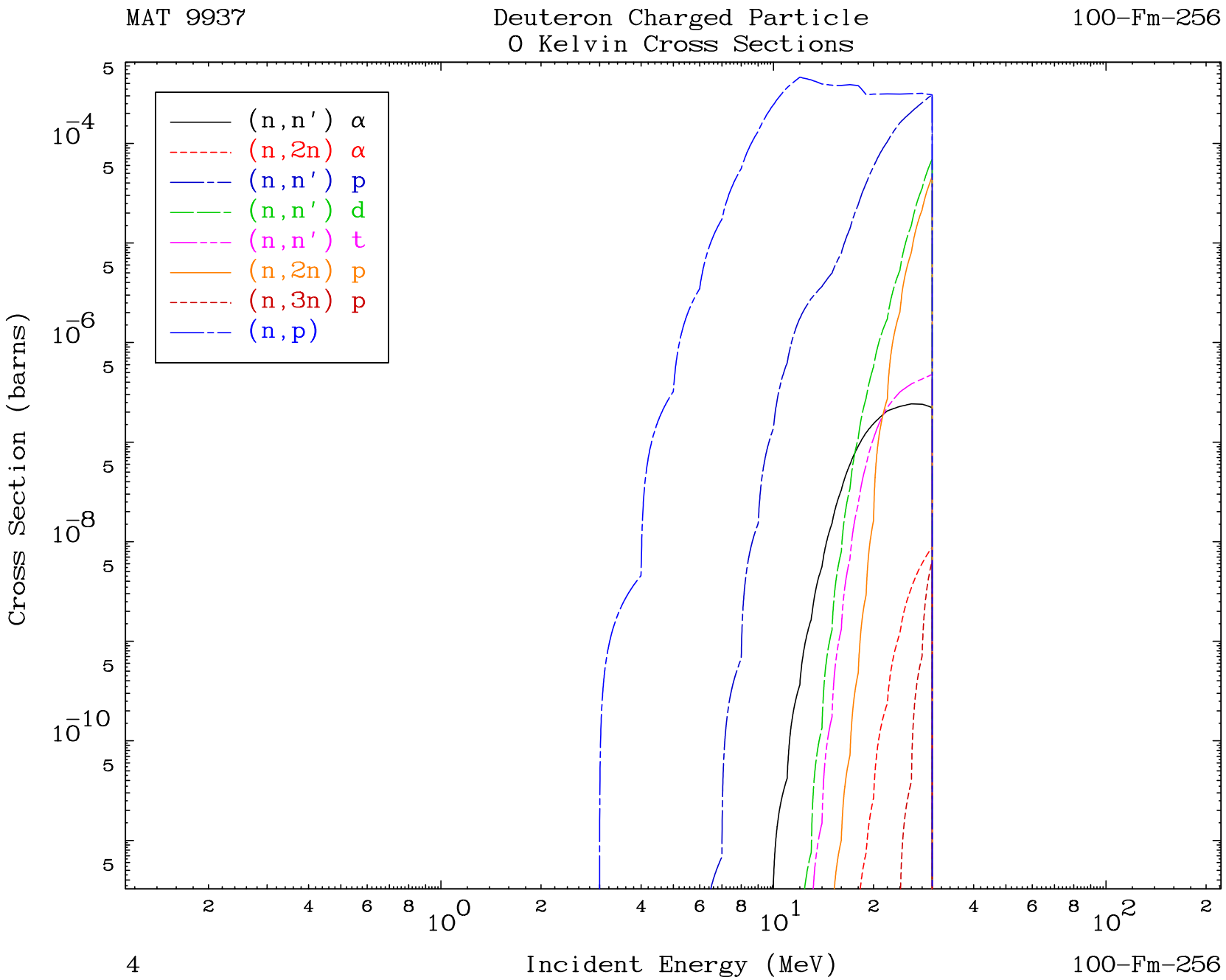
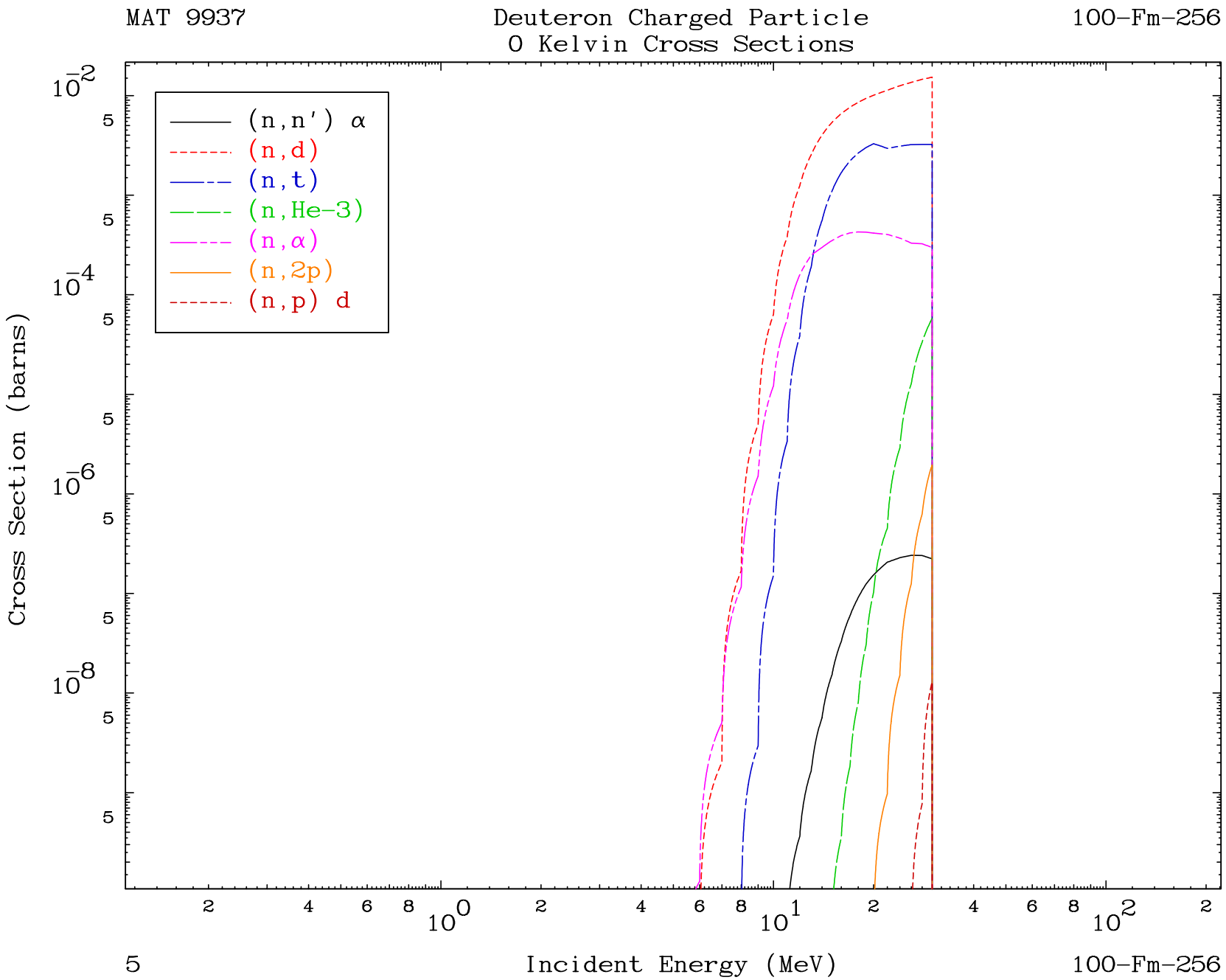
Press Mouse Button to Start

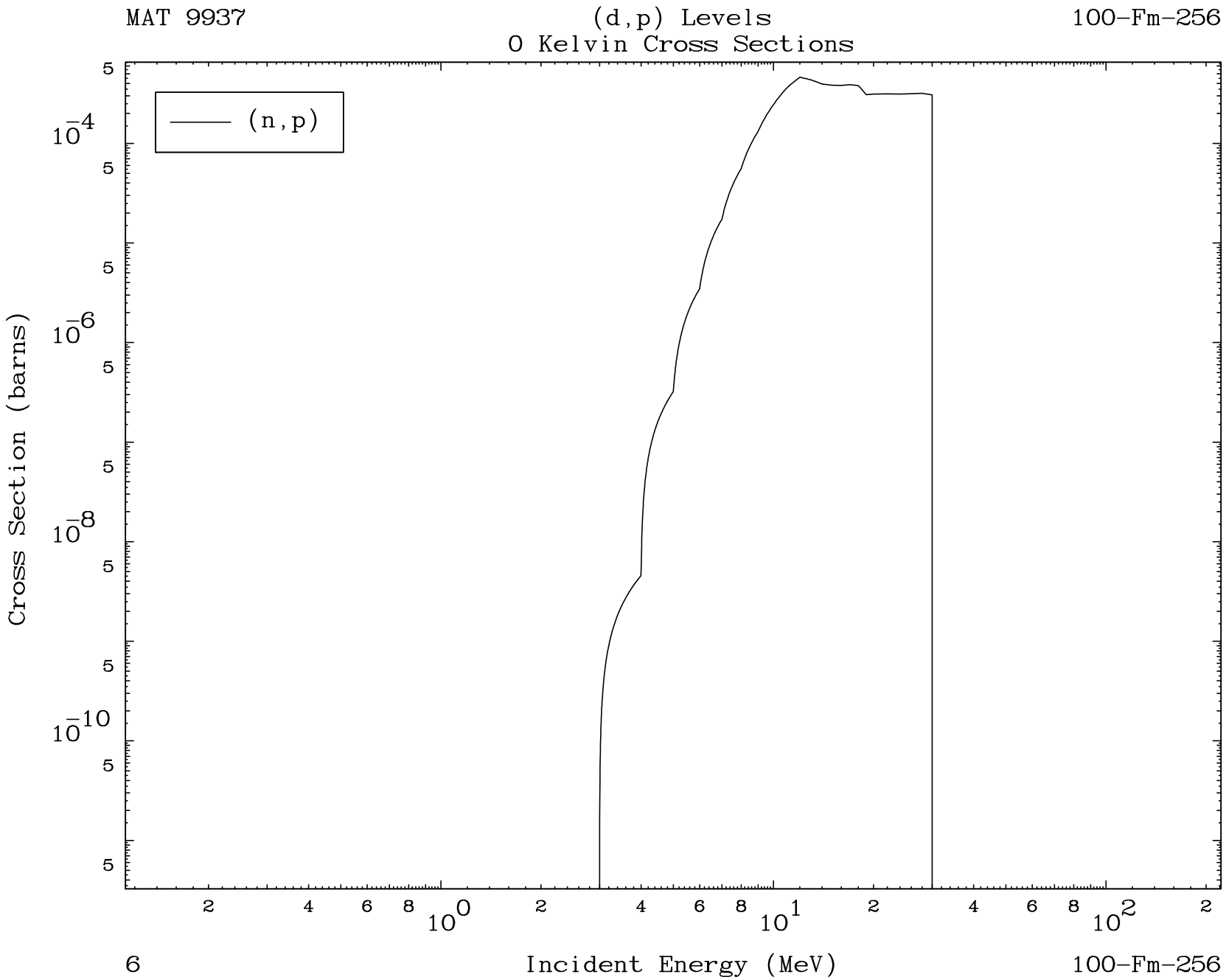

MAT 9937
Deuteron Major
100-Fm-256
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-256
1

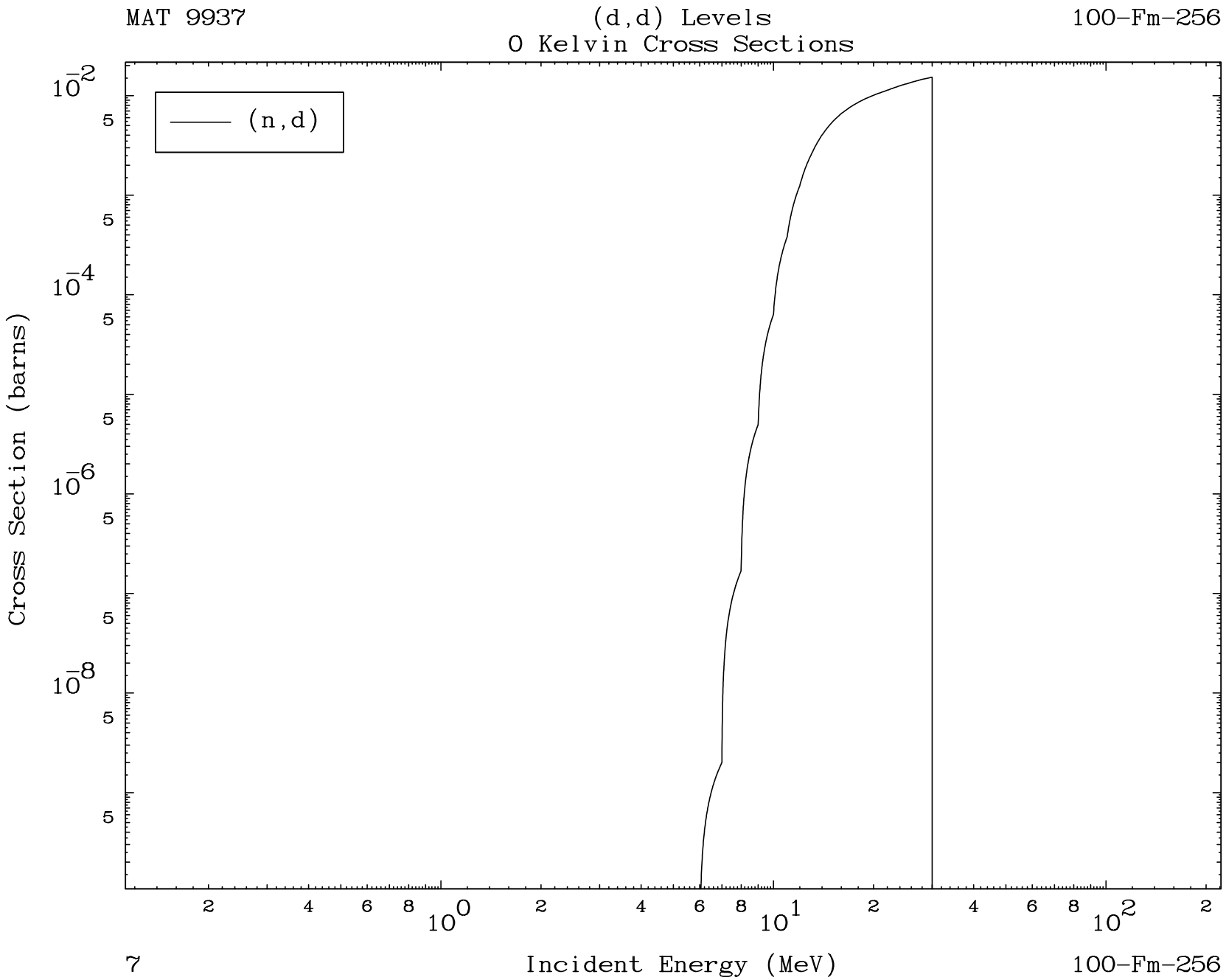

MAT 9937
Deuteron Neutron Absorption
0 Kelvin Cross Sections
100-Fm-256
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,4n)
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
100-Fm-256
2

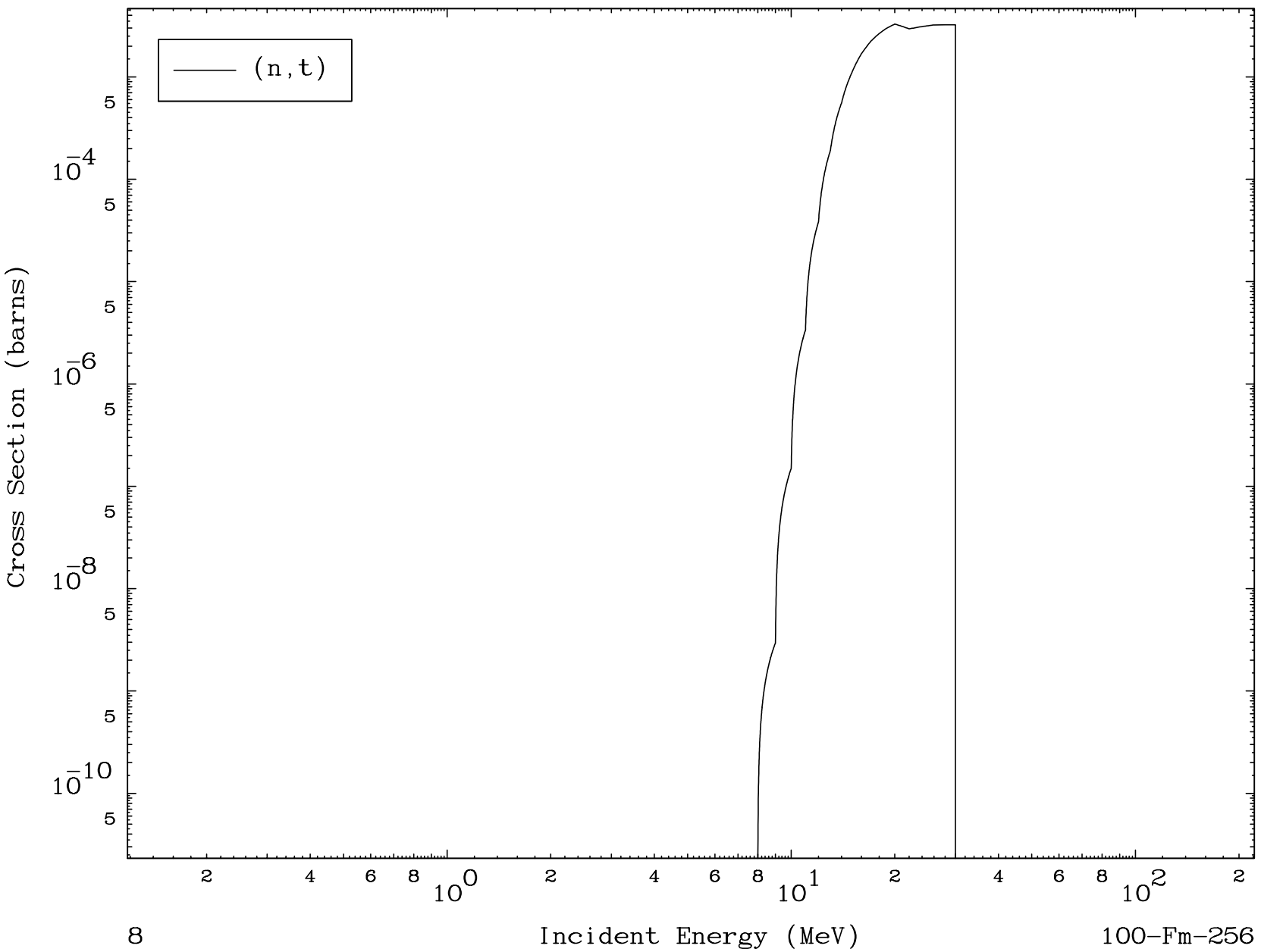

MAT 9937
Deuteron Neutron Absorption
0 Kelvin Cross Sections
100-Fm-256
(n,3n) p
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-256

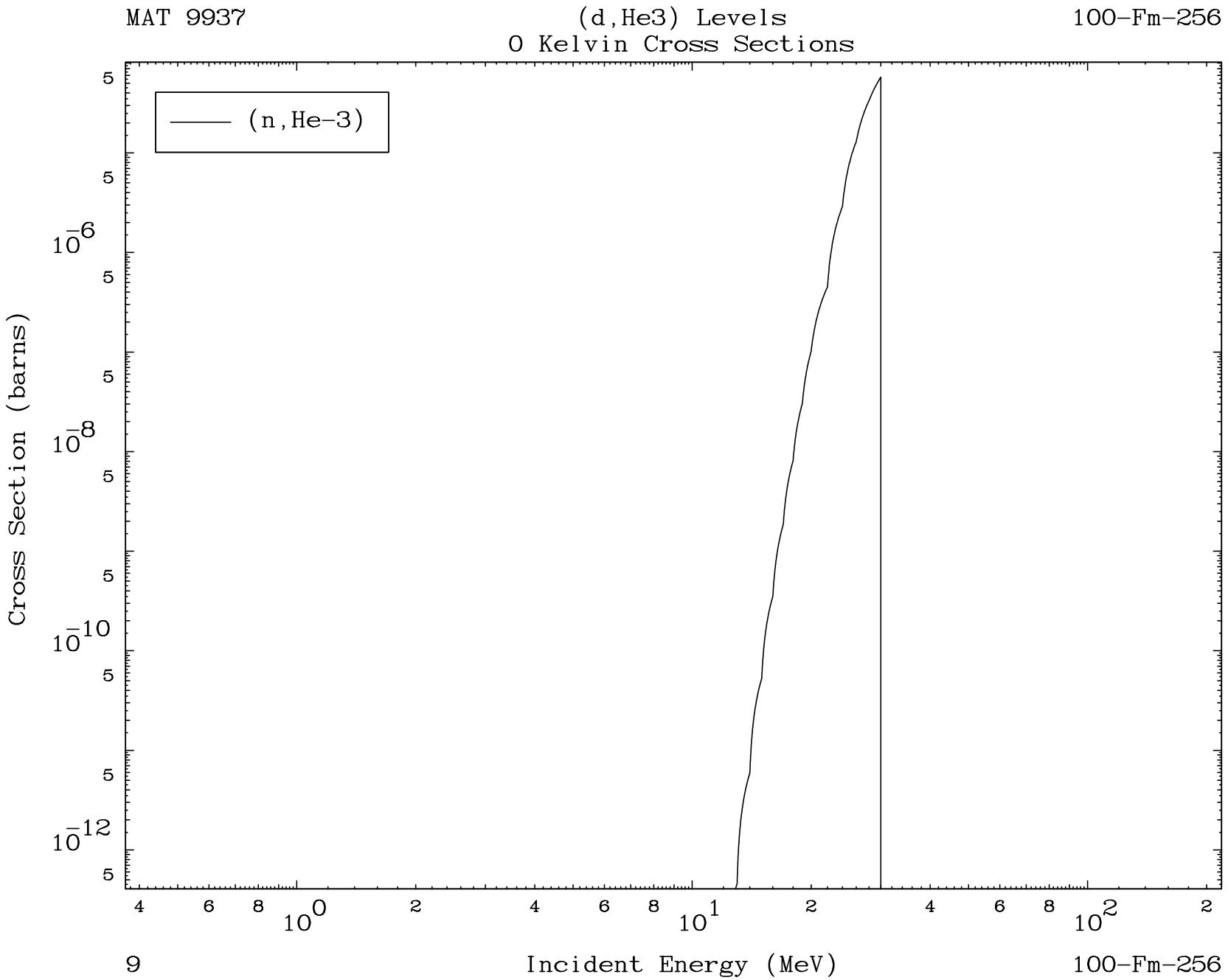

MAT 9937
Deuteron Charged Particle
0 Kelvin Cross Sections
100-Fm-256
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
4
100-Fm-256

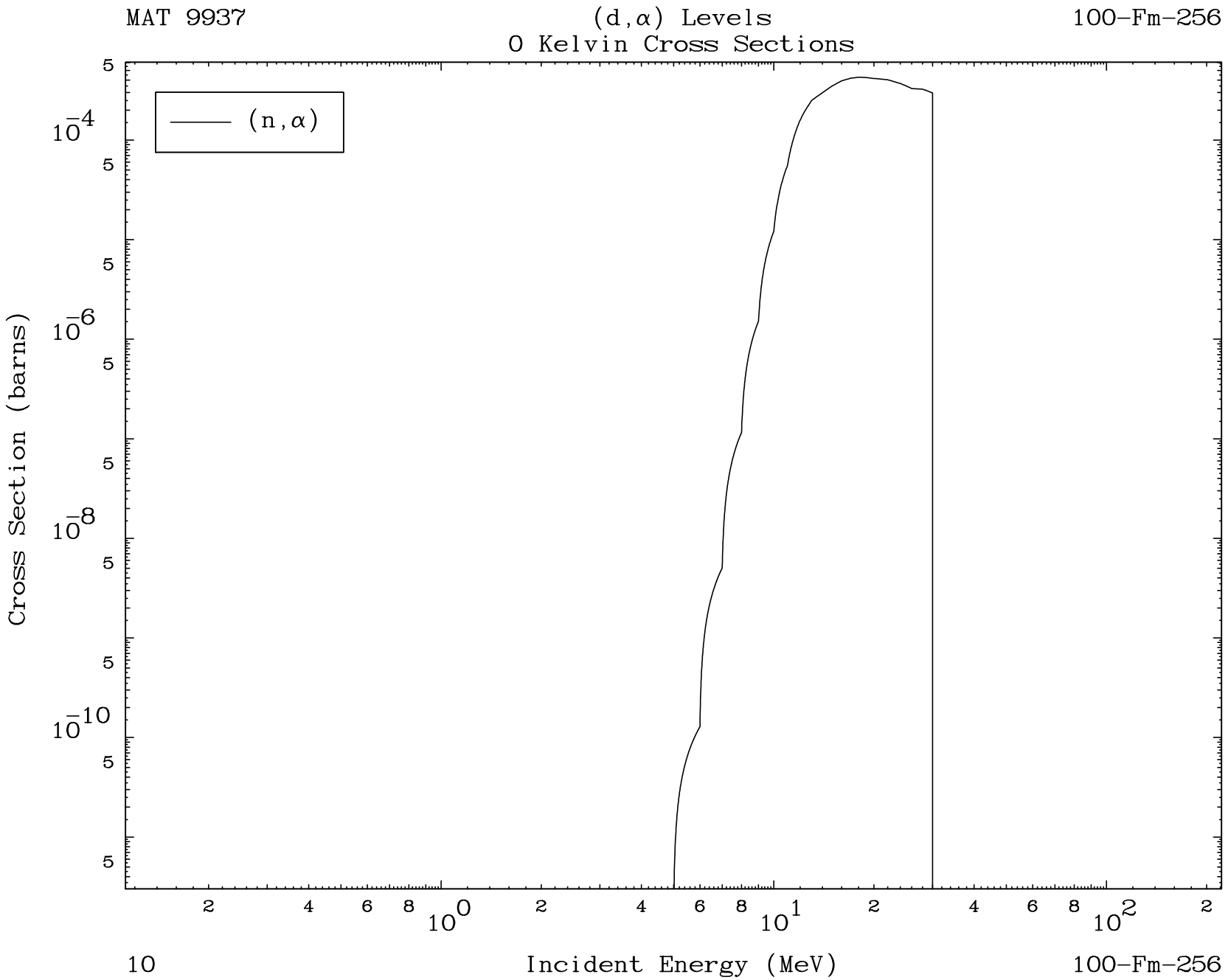

MAT 9937
Deuteron Charged Particle
0 Kelvin Cross Sections
100-Fm-256
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
100-Fm-256
5

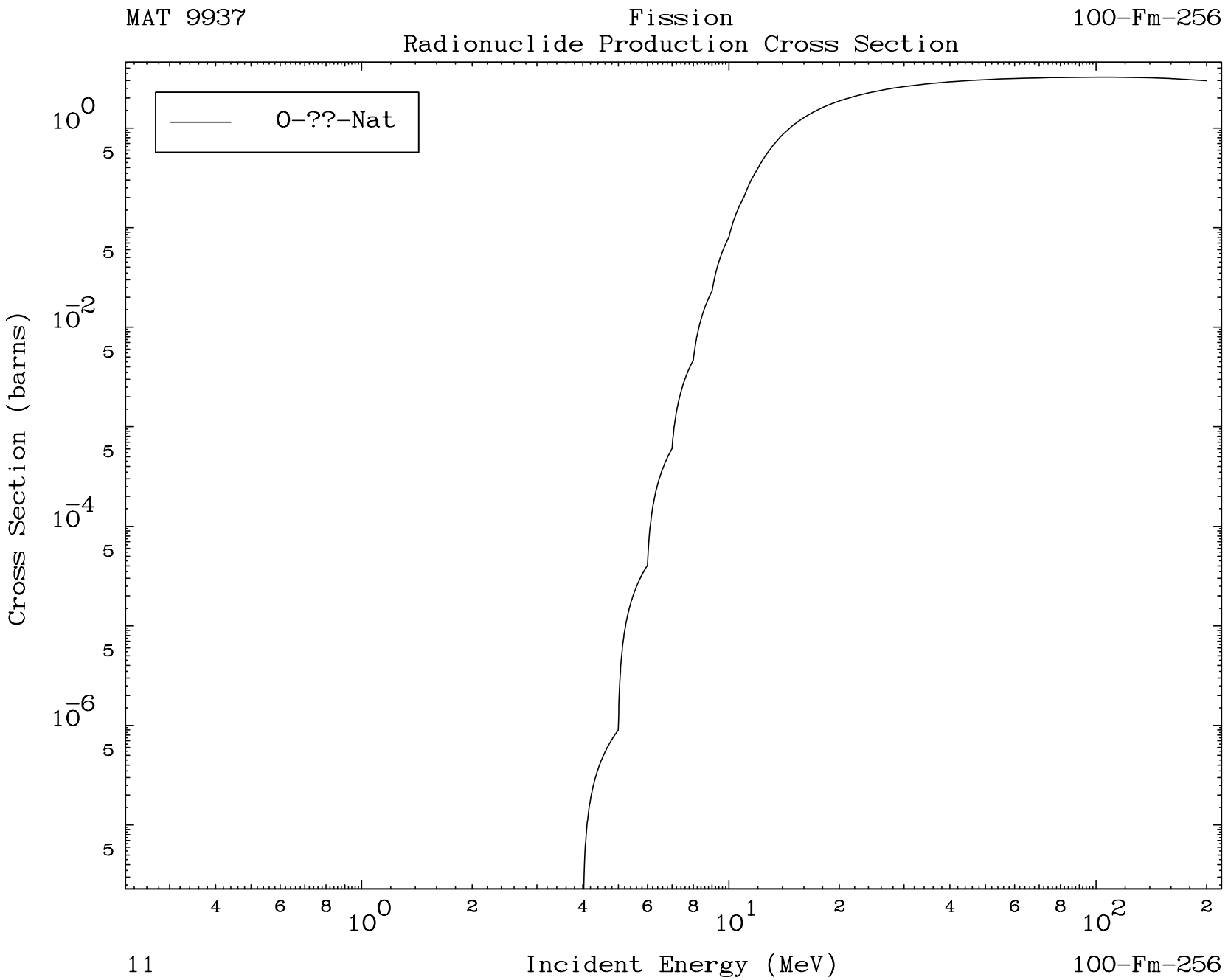

MAT 9937
(d,p) Levels
100-Fm-256
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
100-Fm-256

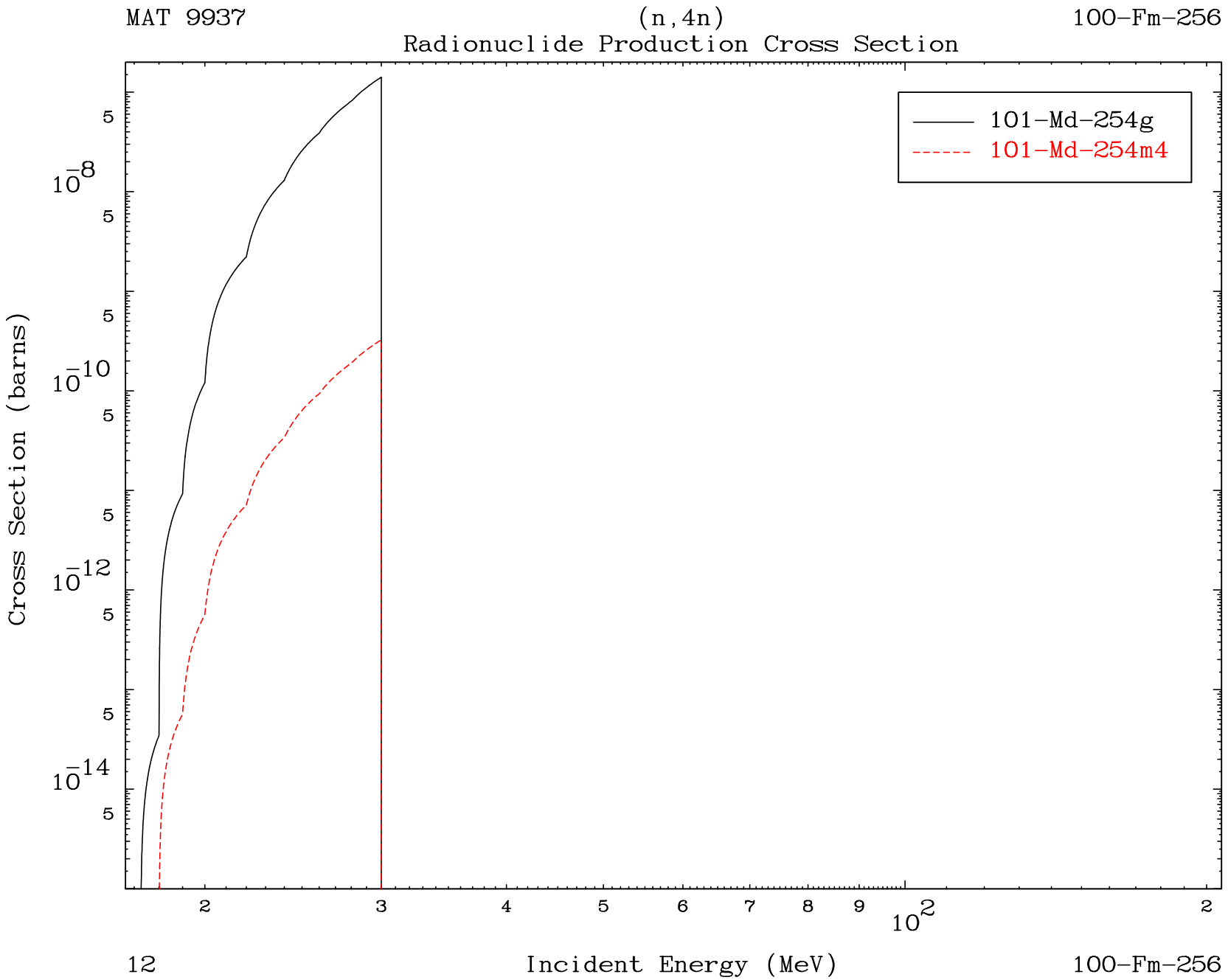

MAT 9937
(d,d) Levels
100-Fm-256
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
100-Fm-256

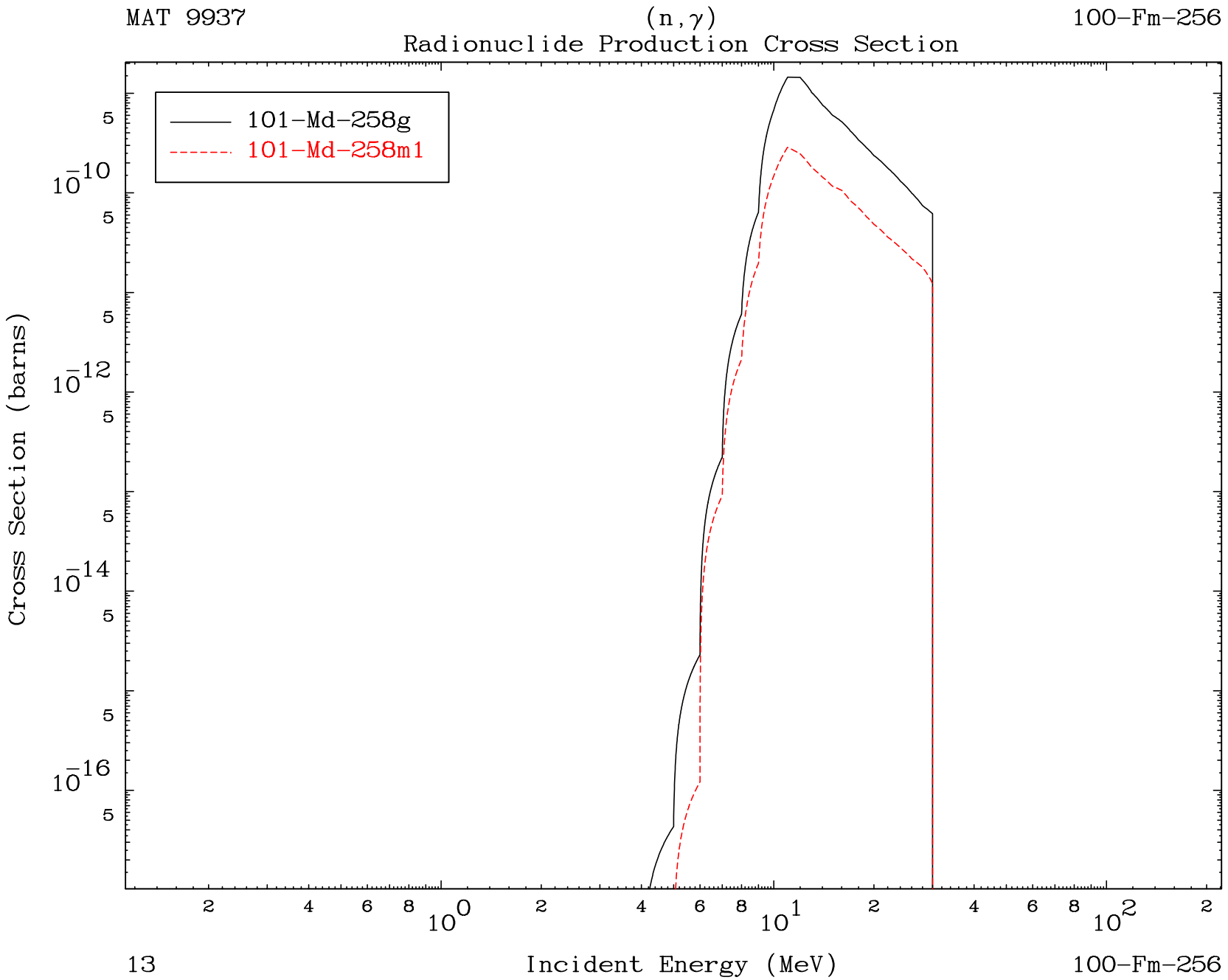

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)

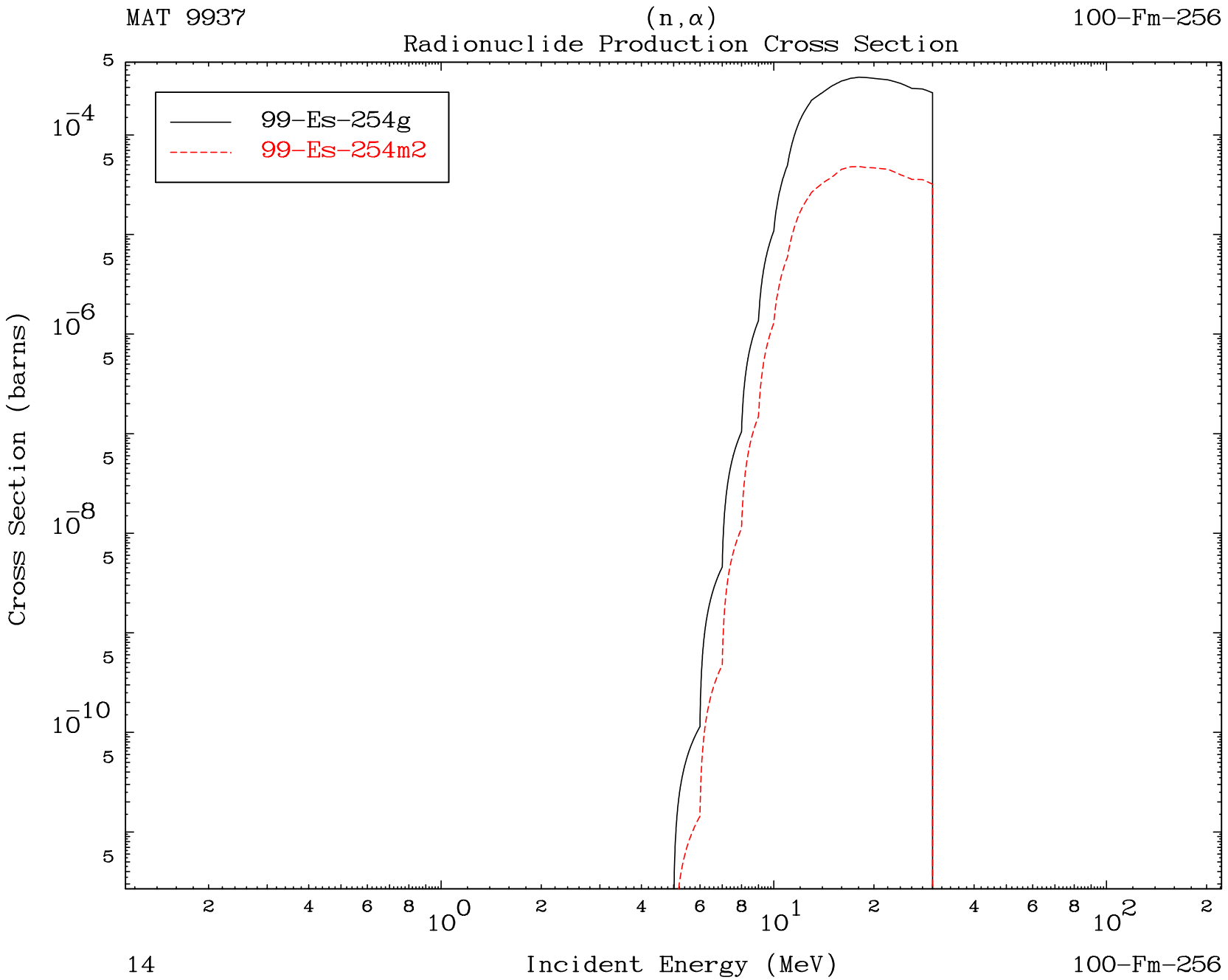

MAT 9937
(d,He3) Levels
100-Fm-256
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
100-Fm-256


MAT 9937
(d,α) Levels
100-Fm-256
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
10
100-Fm-256


MAT 9937
Fission
100-Fm-256
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
100-Fm-256


MAT 9937
(n,4n)
100-Fm-256
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m4
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
100-Fm-256


MAT 9937
(n,γ)
100-Fm-256
Radionuclide Production Cross Section
101-Md-258g
101-Md-258m1
Cross Section (barns)
Incident Energy (MeV)
13
100-Fm-256


MAT 9937
(n,α)
100-Fm-256
Radionuclide Production Cross Section
99-Es-254g
99-Es-254m2
Cross Section (barns)
Incident Energy (MeV)
14
100-Fm-256