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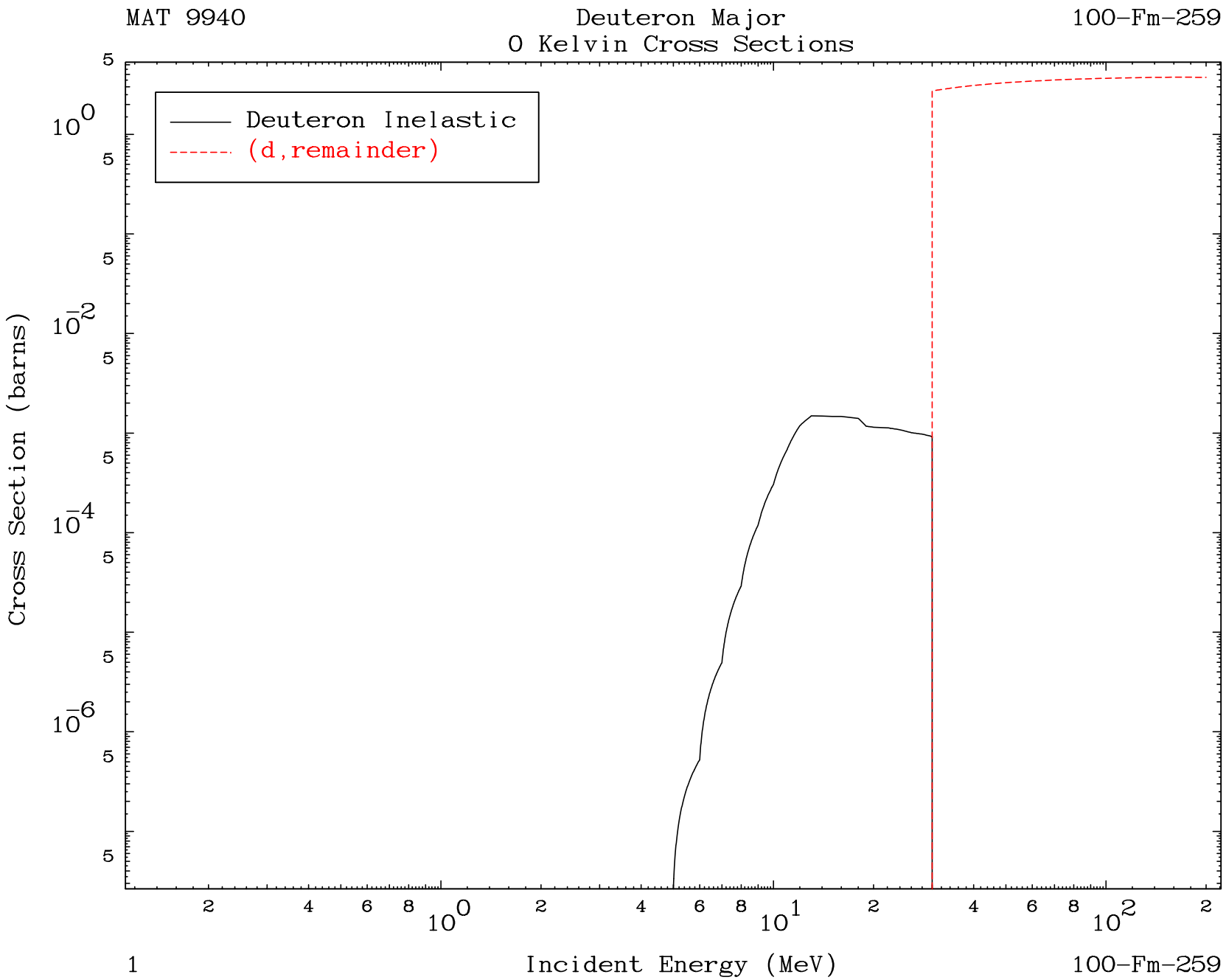
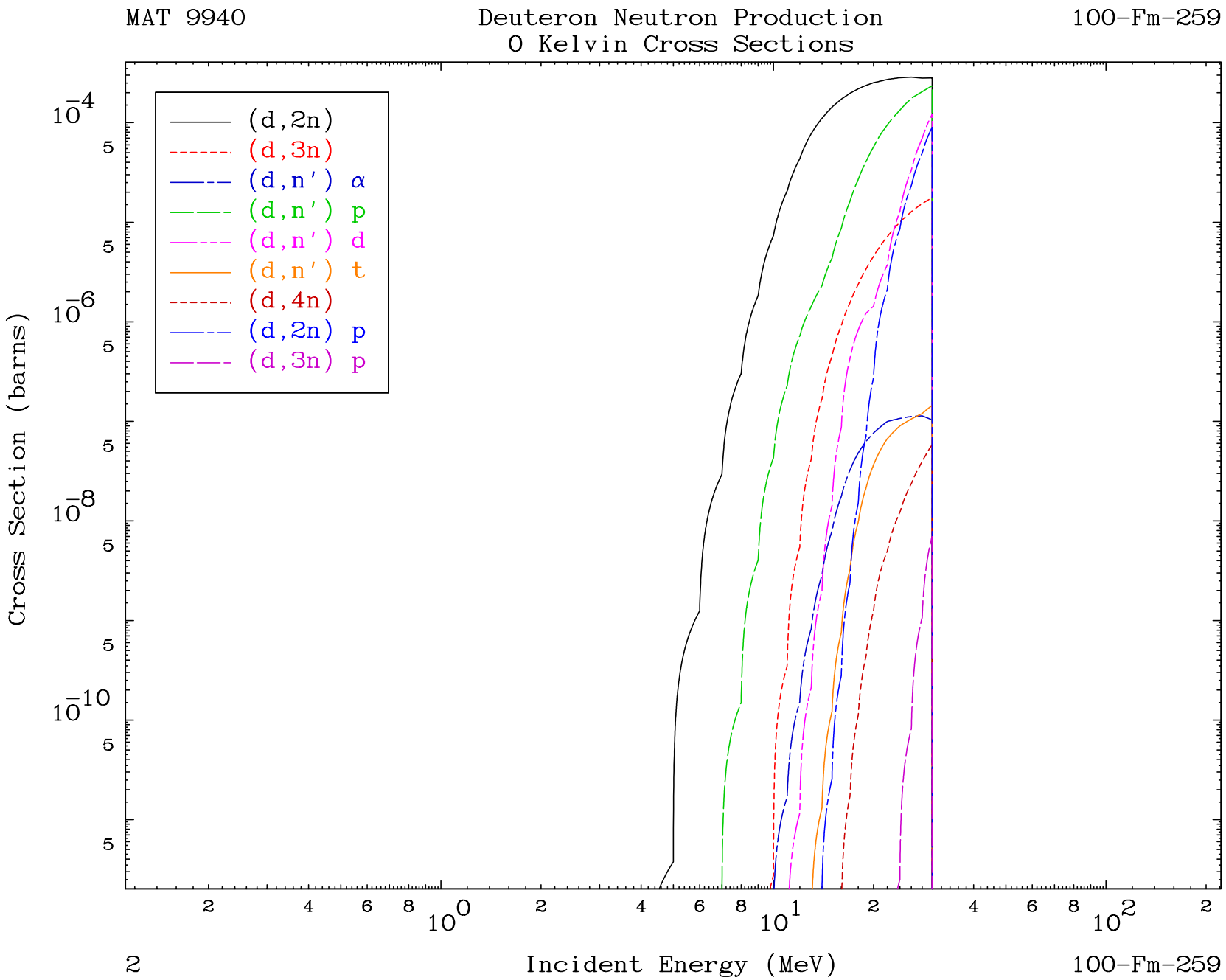
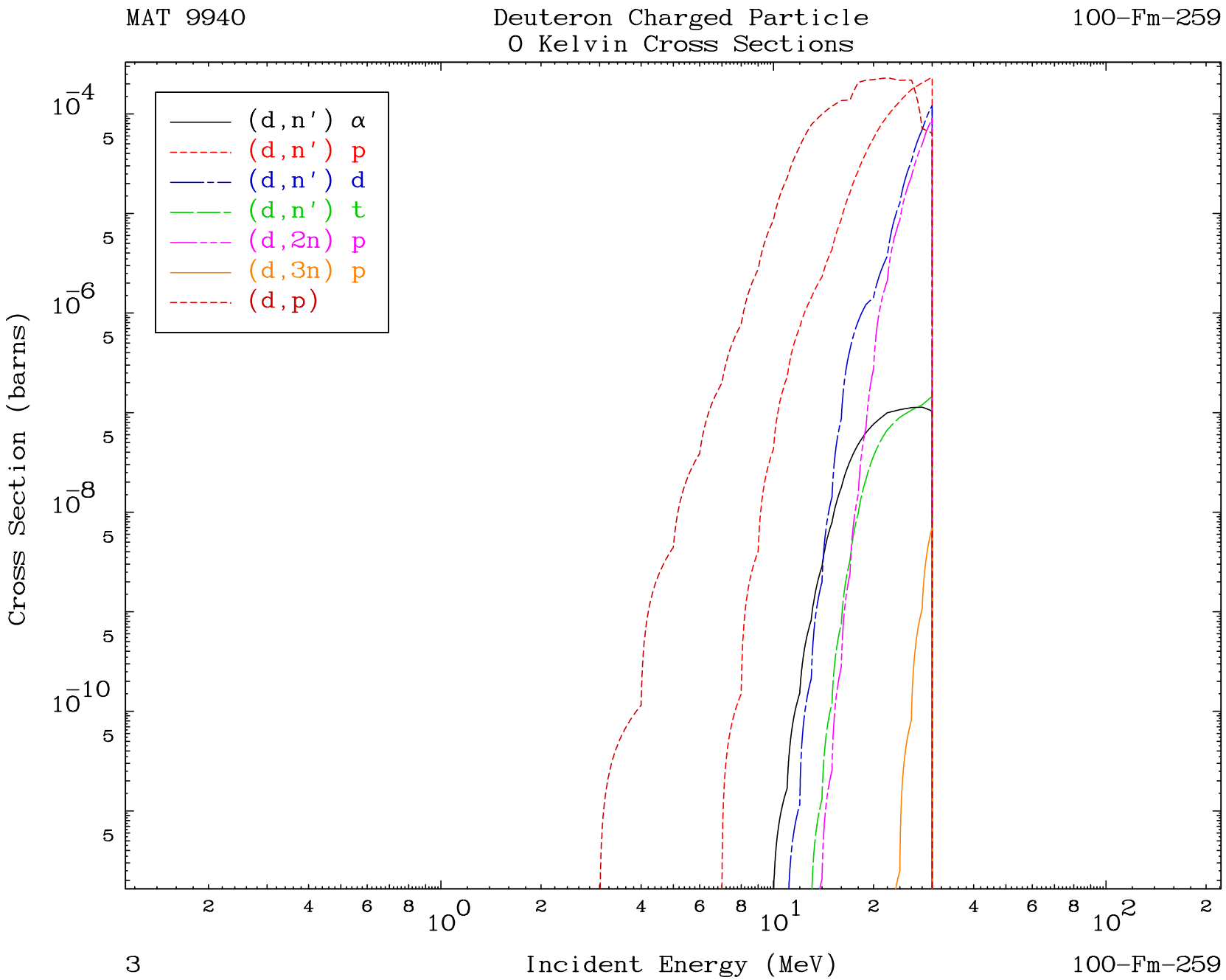
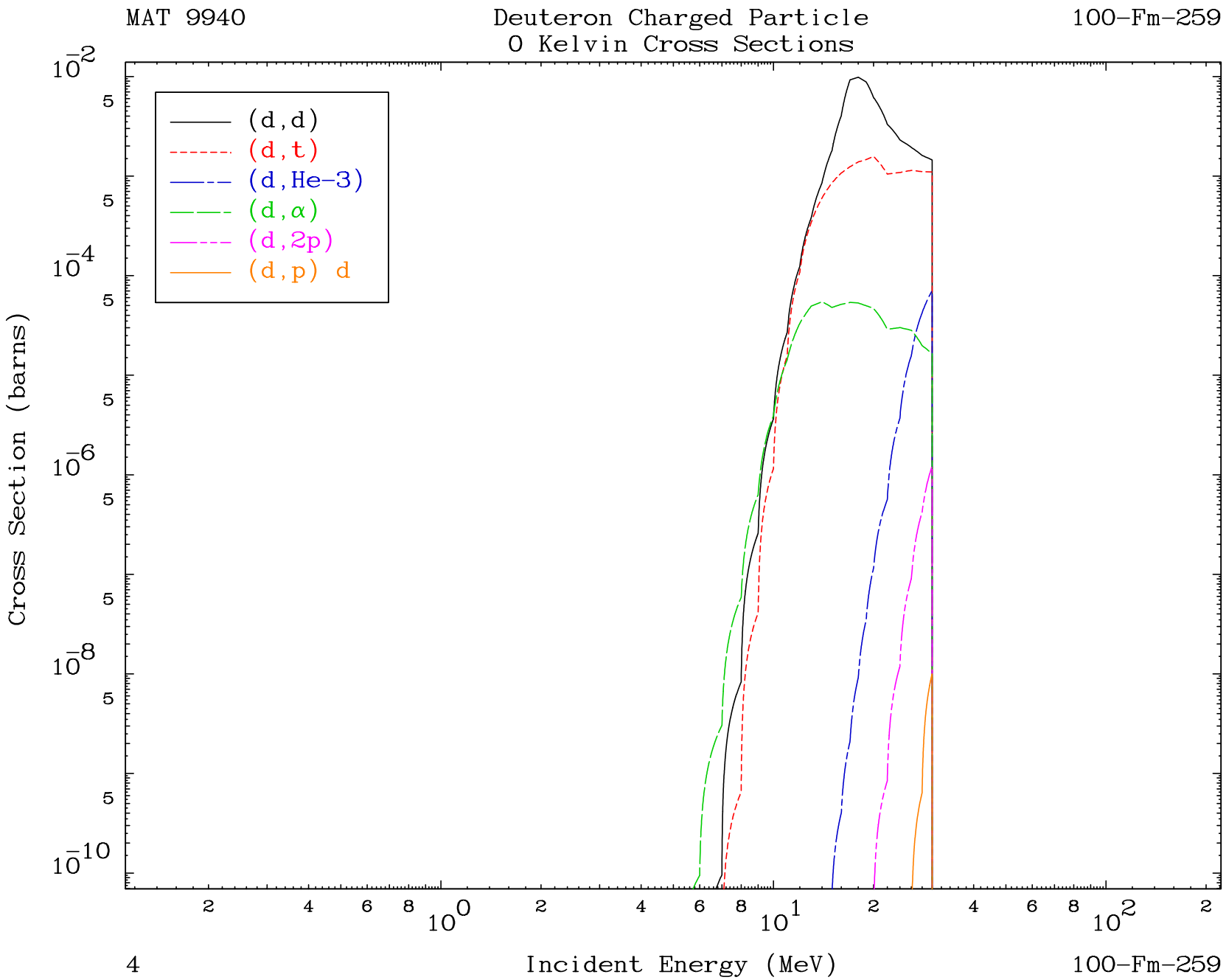
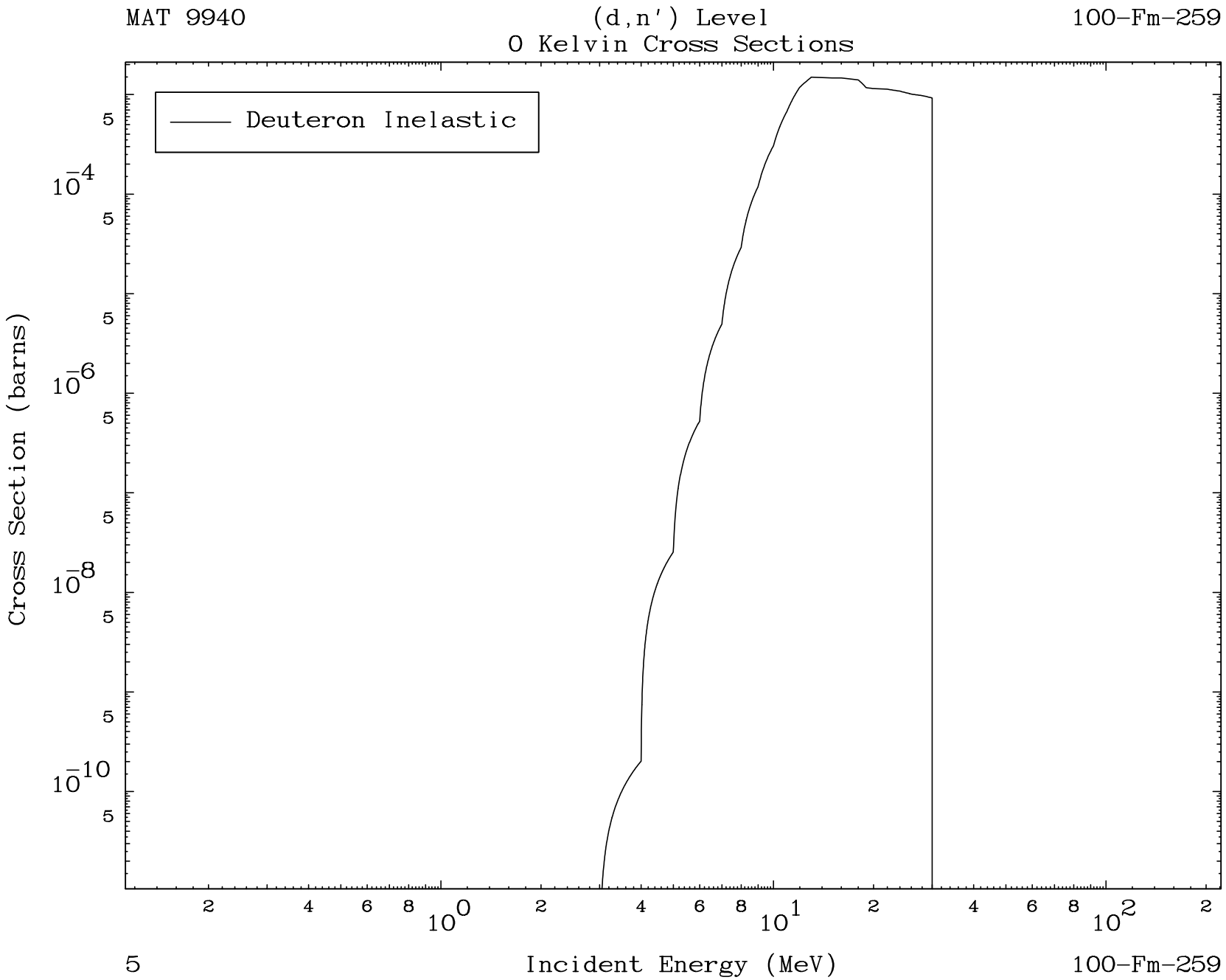
Press Mouse Button to Start

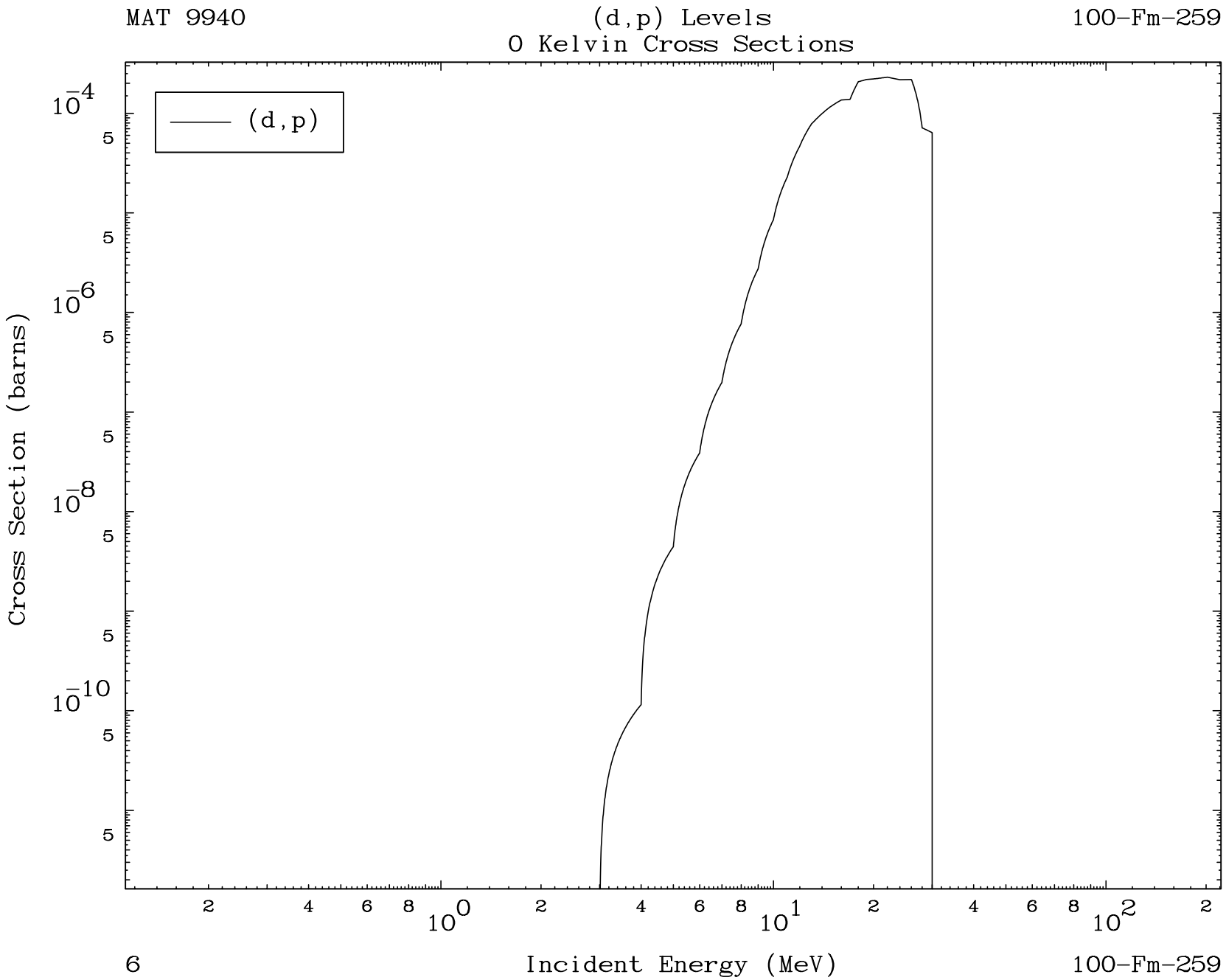

MAT 9940
Deuteron Major
0 Kelvin Cross Sections
100-Fm-259
Deuteron Inelastic
(d,remainder)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-259

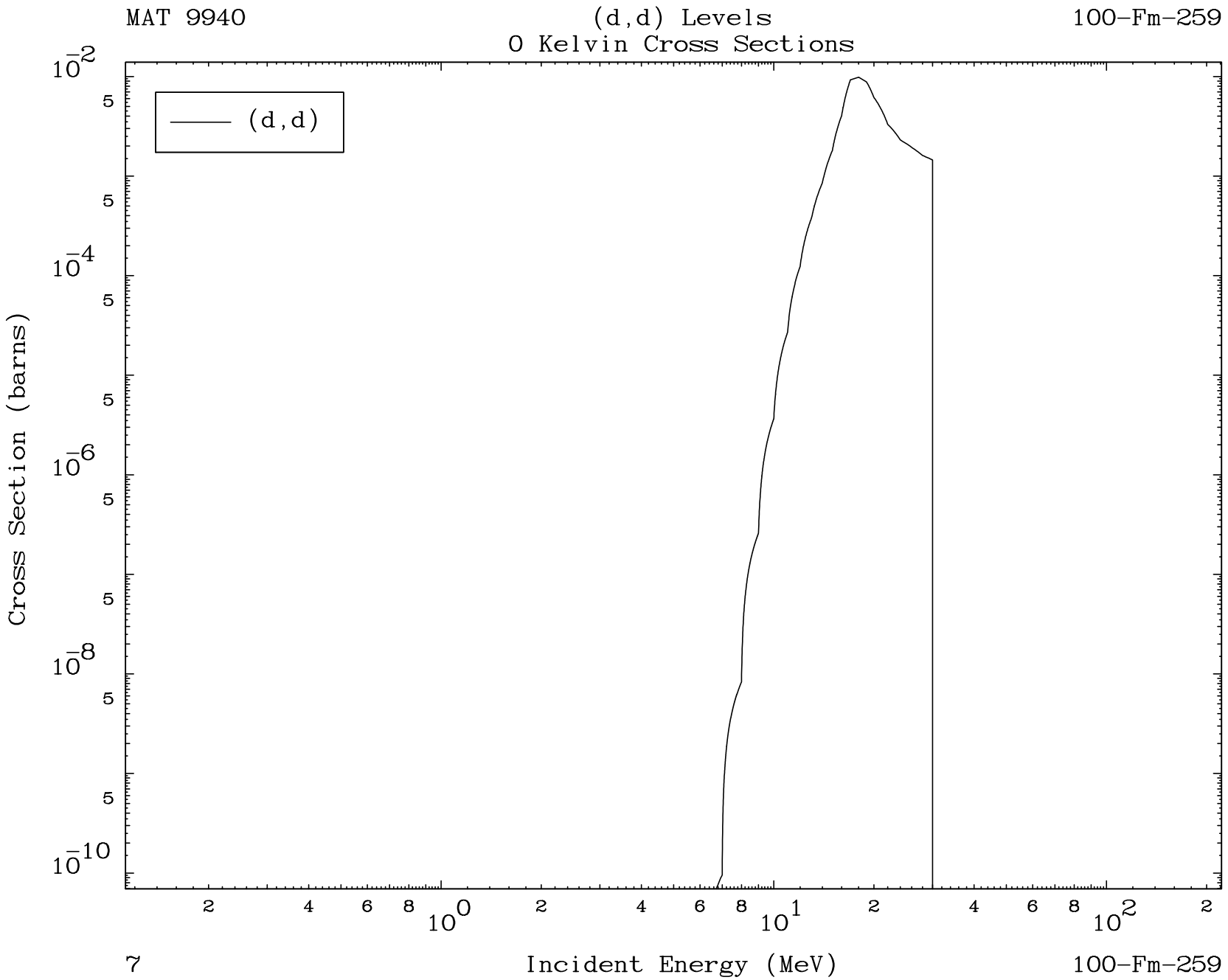

MAT 9940
Deuteron Neutron Production
0 Kelvin Cross Sections
100-Fm-259
(d,2n)
(d,3n)
(d,n') α
(d,n') p
(d,n') d
(d,n') t
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
2
100-Fm-259

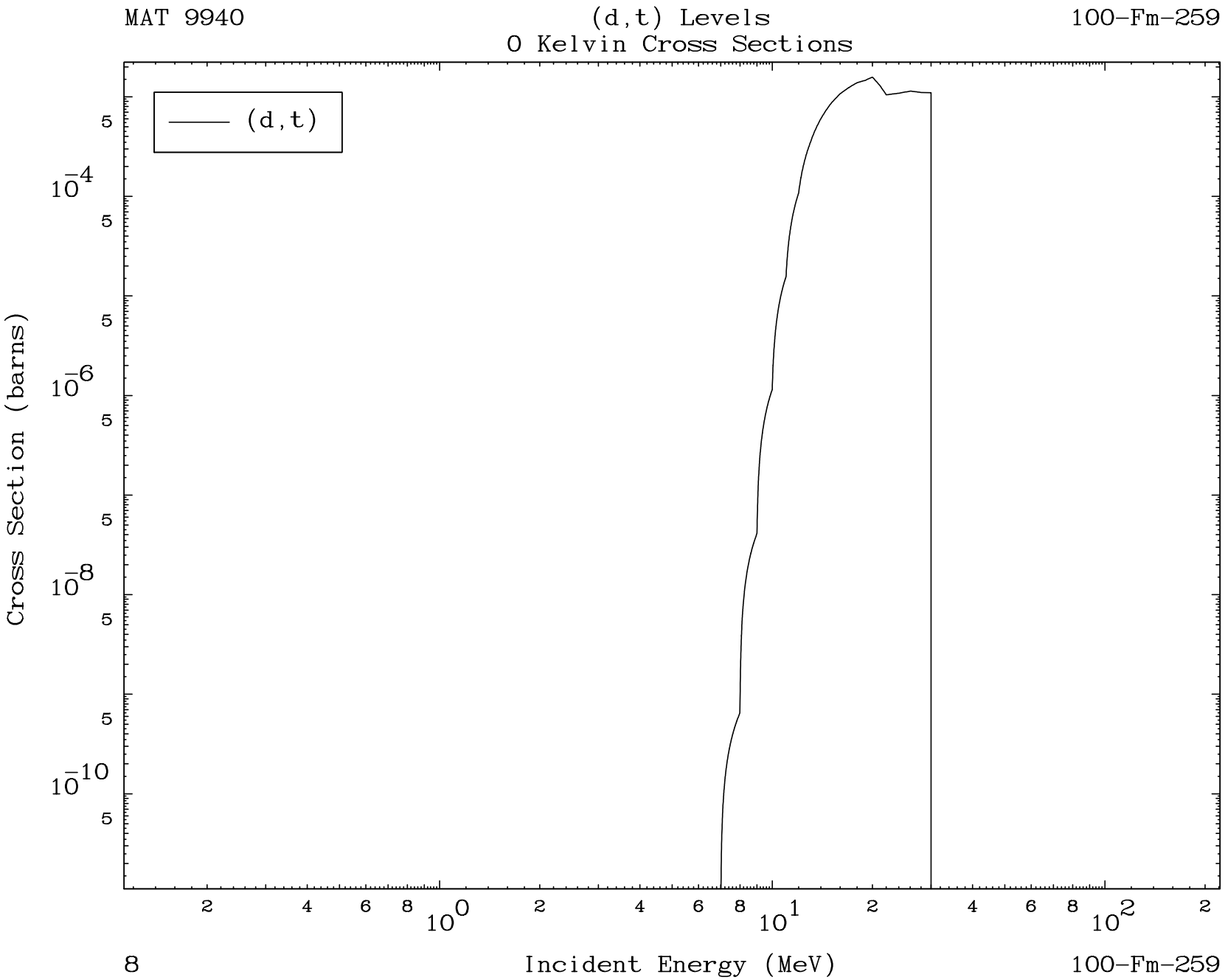

MAT 9940
Deuteron Charged Particle
0 Kelvin Cross Sections
100-Fm-259
(d,n') α
(d,n') p
(d,n') d
(d,n') t
(d,2n) p
(d,3n) p
(d,p)
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-259

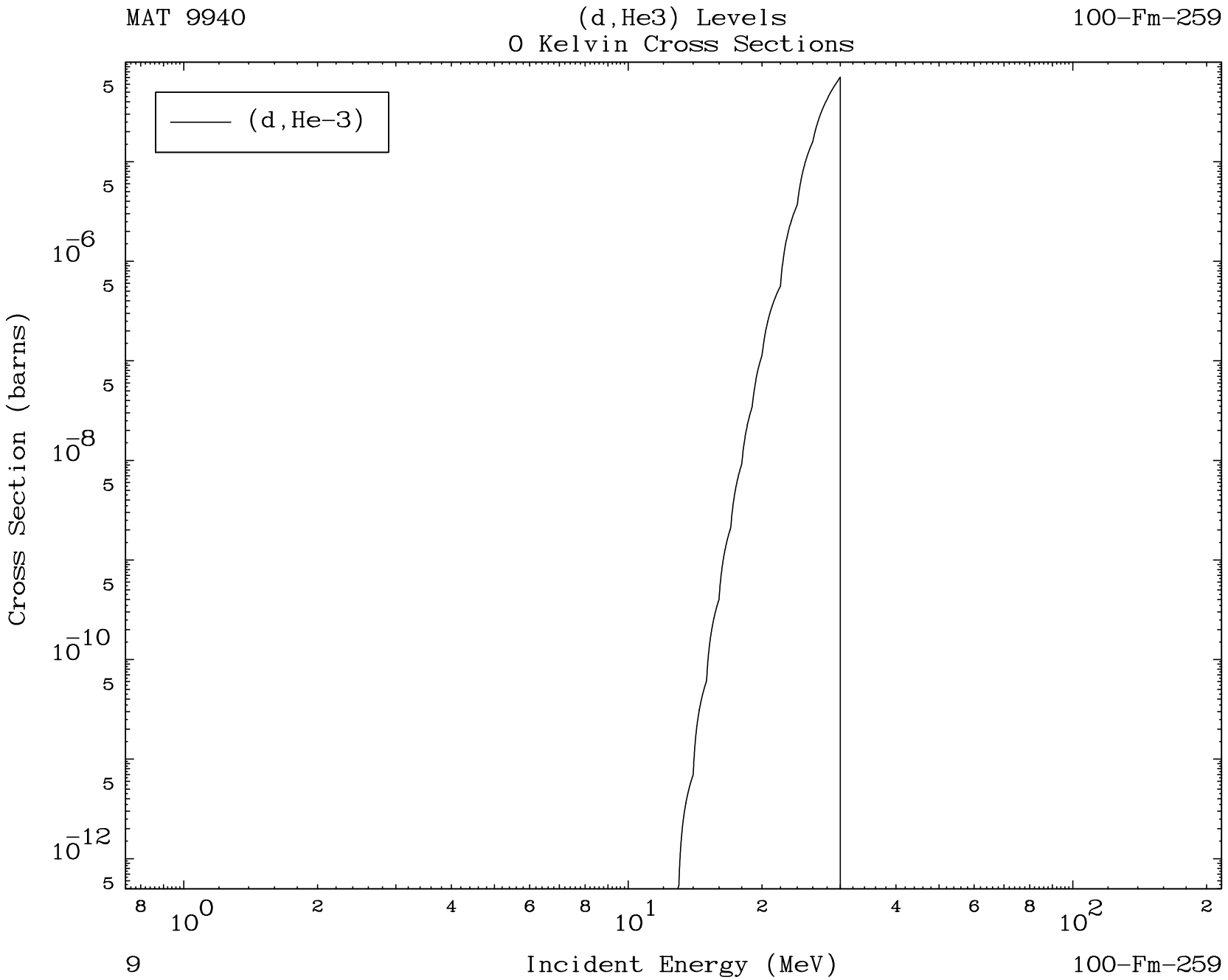

MAT 9940
Deuteron Charged Particle
0 Kelvin Cross Sections
100-Fm-259
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2p)
(d,p) d
Cross Section (barns)
Incident Energy (MeV)
4
100-Fm-259

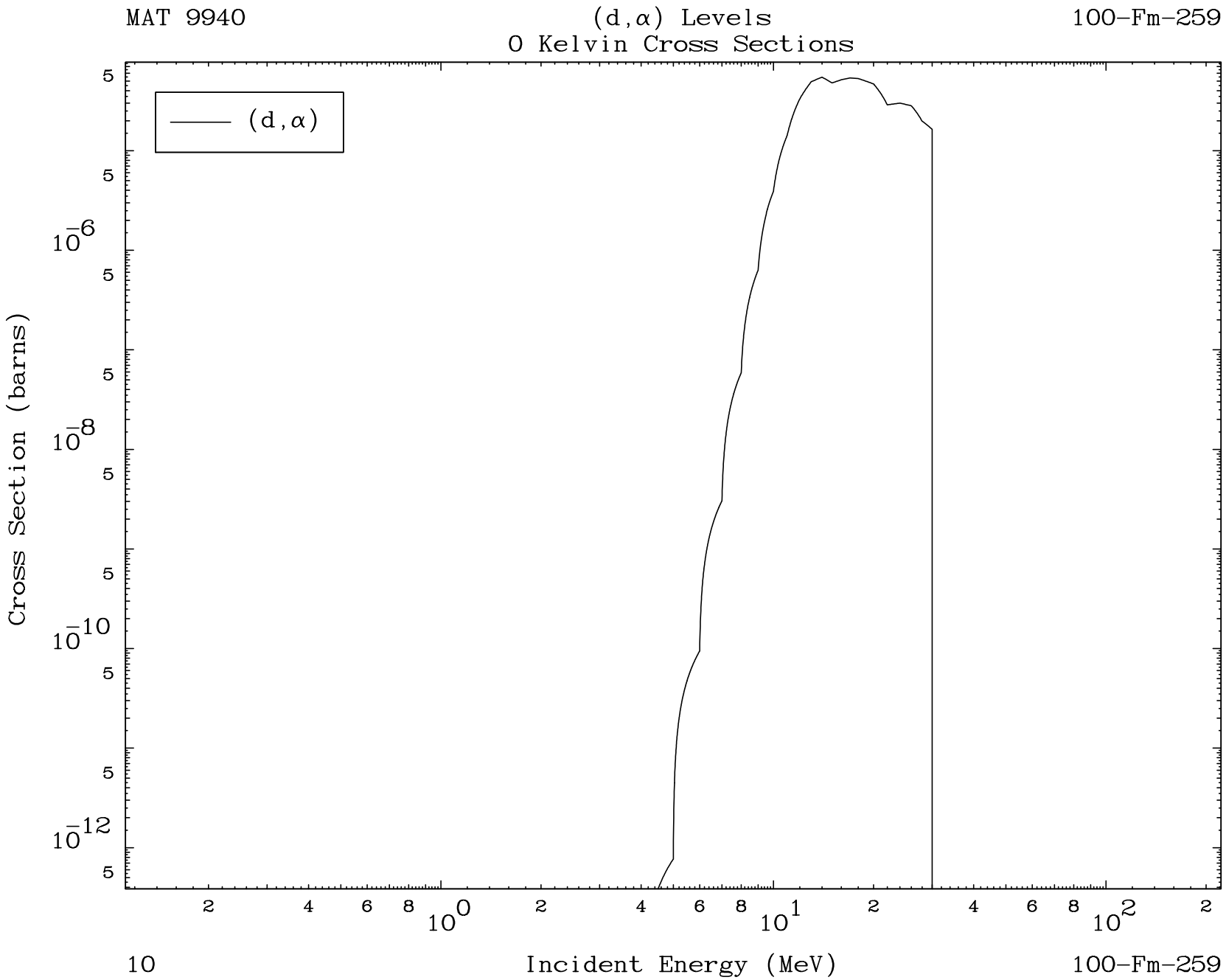

MAT 9940
(d,n') Level
100-Fm-259
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
5
100-Fm-259

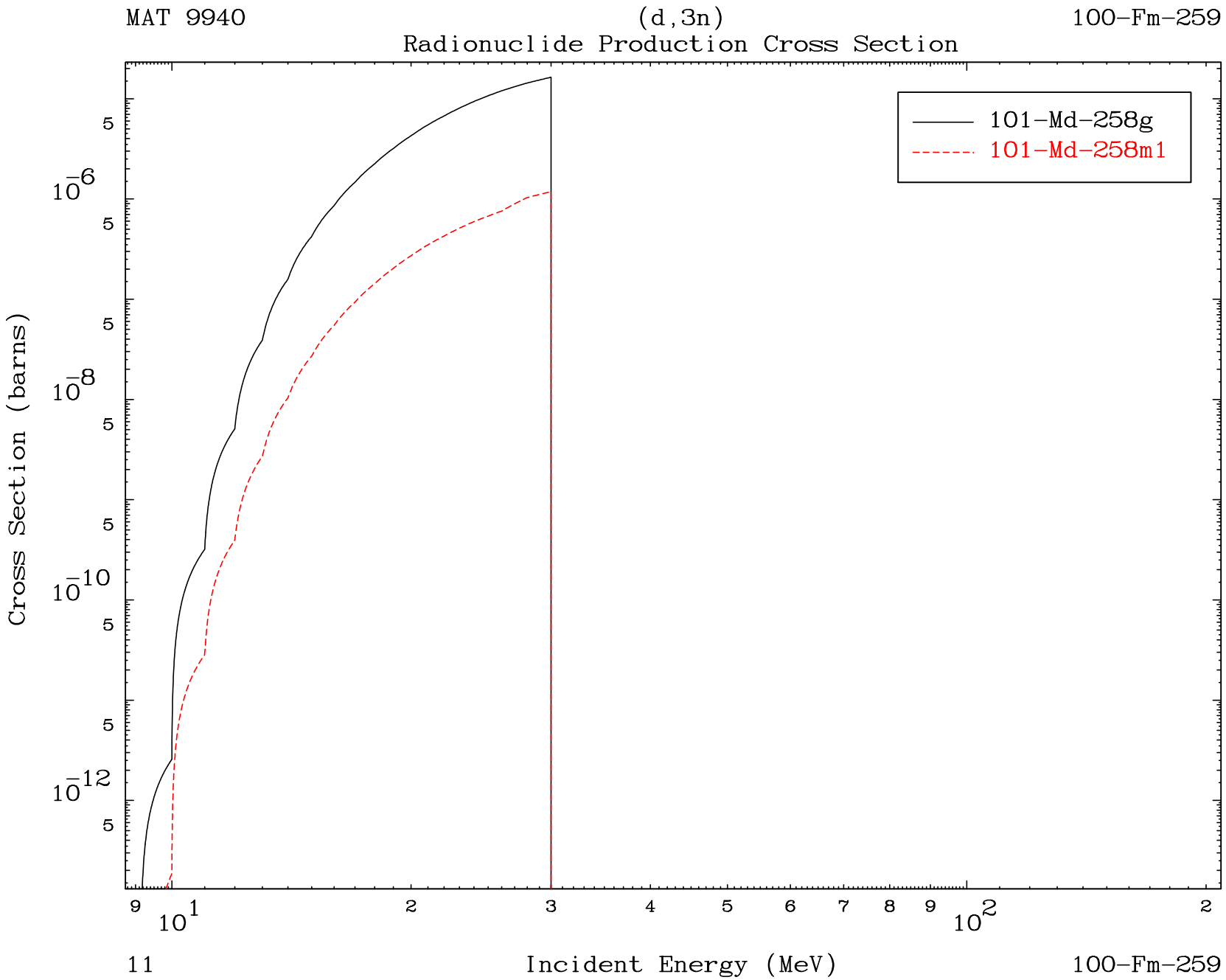

MAT 9940
(d,p) Levels
100-Fm-259
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
6
100-Fm-259

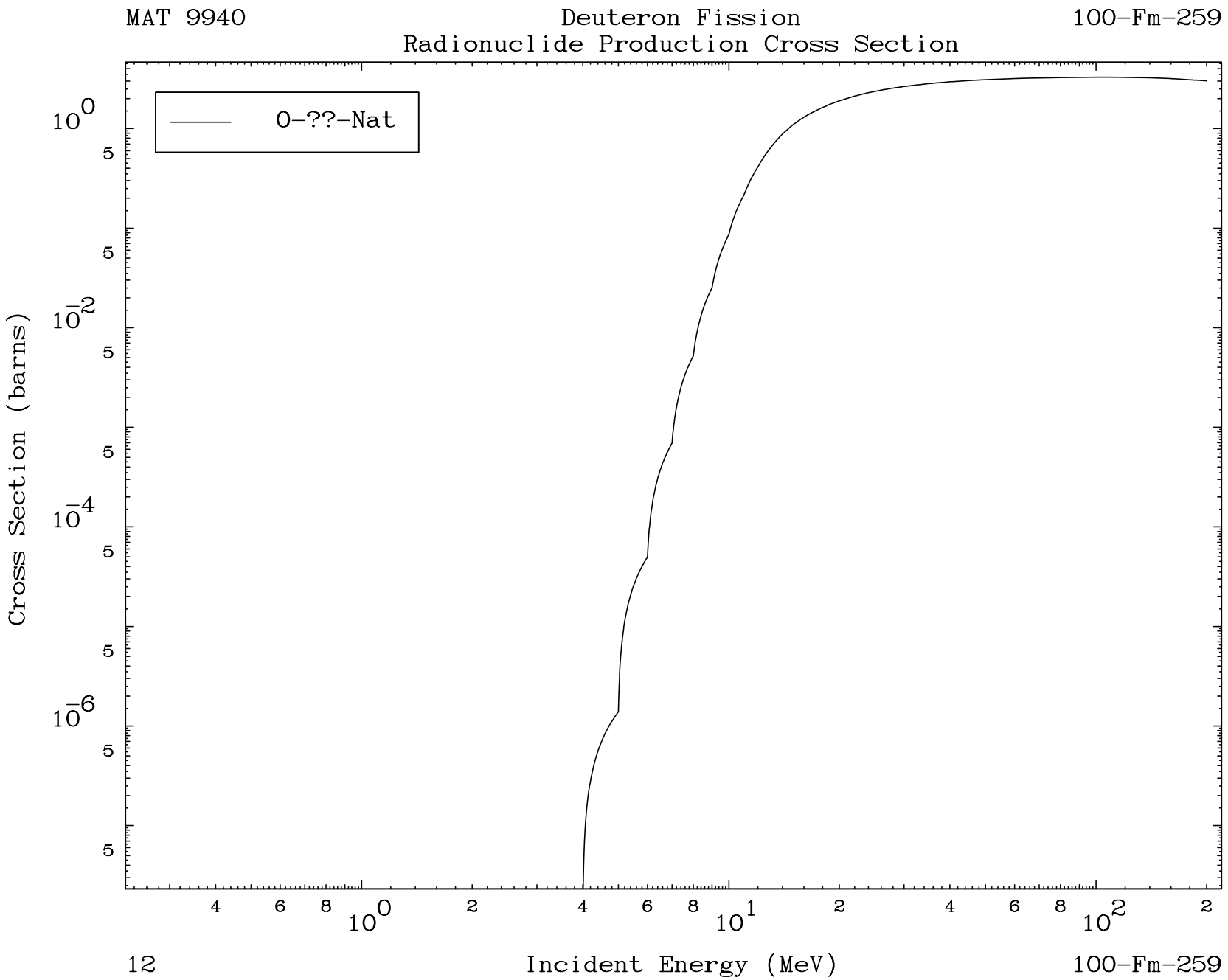

MAT 9940
(d,d) Levels
100-Fm-259
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
7
100-Fm-259

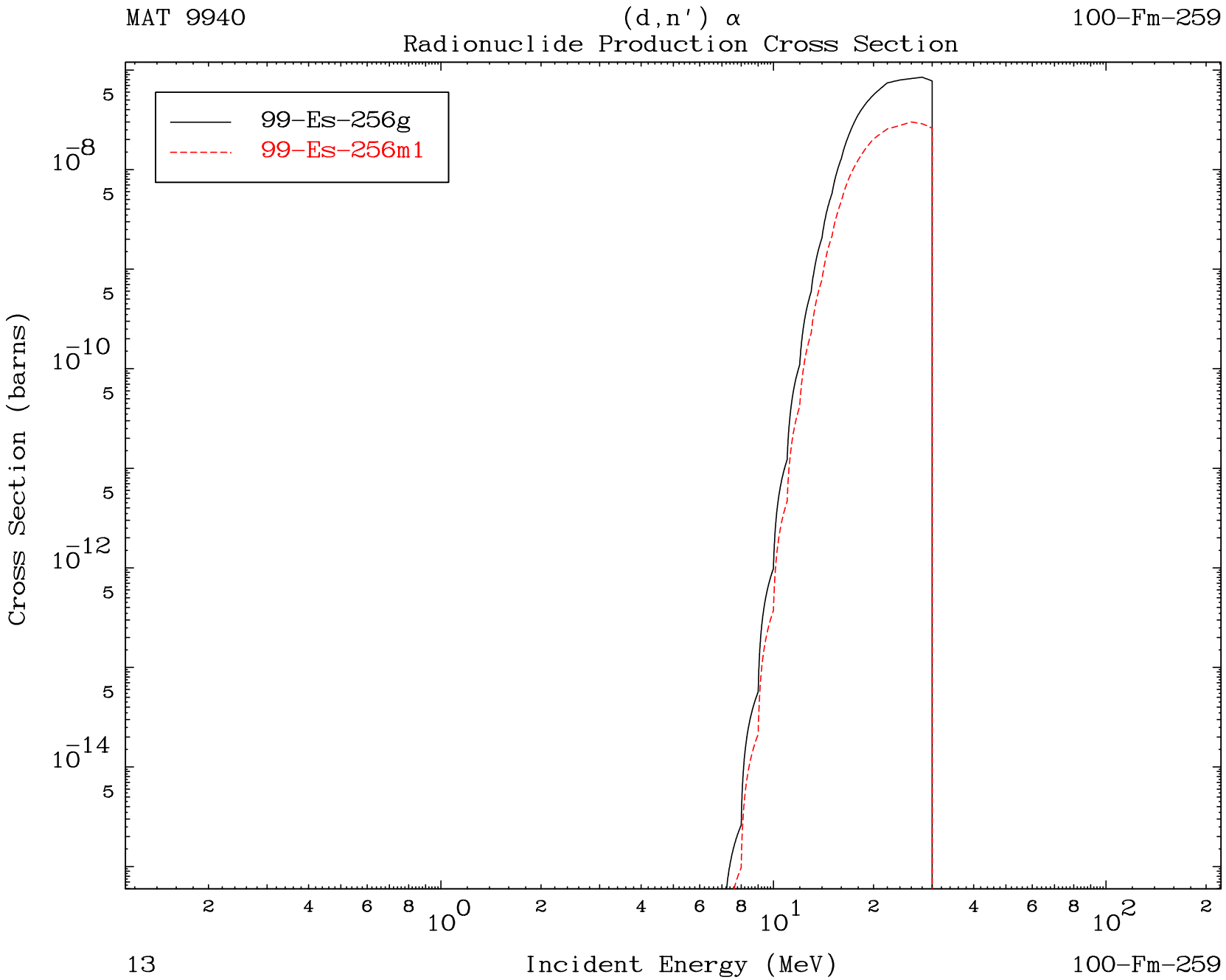

MAT 9940
(d,t) Levels
100-Fm-259
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)


MAT 9940
(d,He3) Levels
100-Fm-259
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
100-Fm-259


MAT 9940
(d,α) Levels
100-Fm-259
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-259


MAT 9940
(d,3n)
100-Fm-259
Radionuclide Production Cross Section
101-Md-258g
101-Md-258m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
100-Fm-259


MAT 9940
Deuteron Fission
100-Fm-259
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
100-Fm-259


MAT 9940
(d,n') α
100-Fm-259
Radionuclide Production Cross Section
99-Es-256g
99-Es-256m1
Cross Section (barns)
Incident Energy (MeV)
13
100-Fm-259