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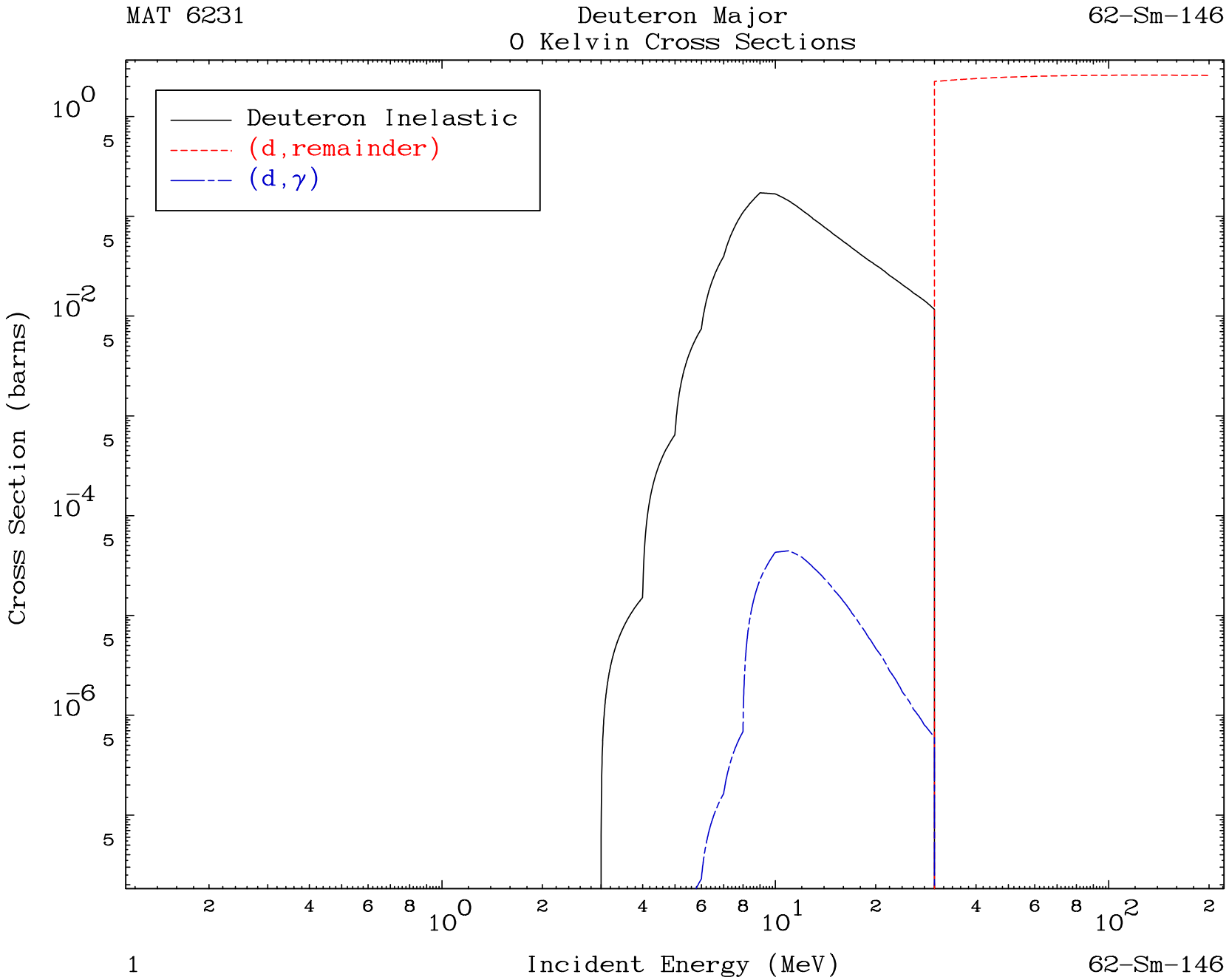
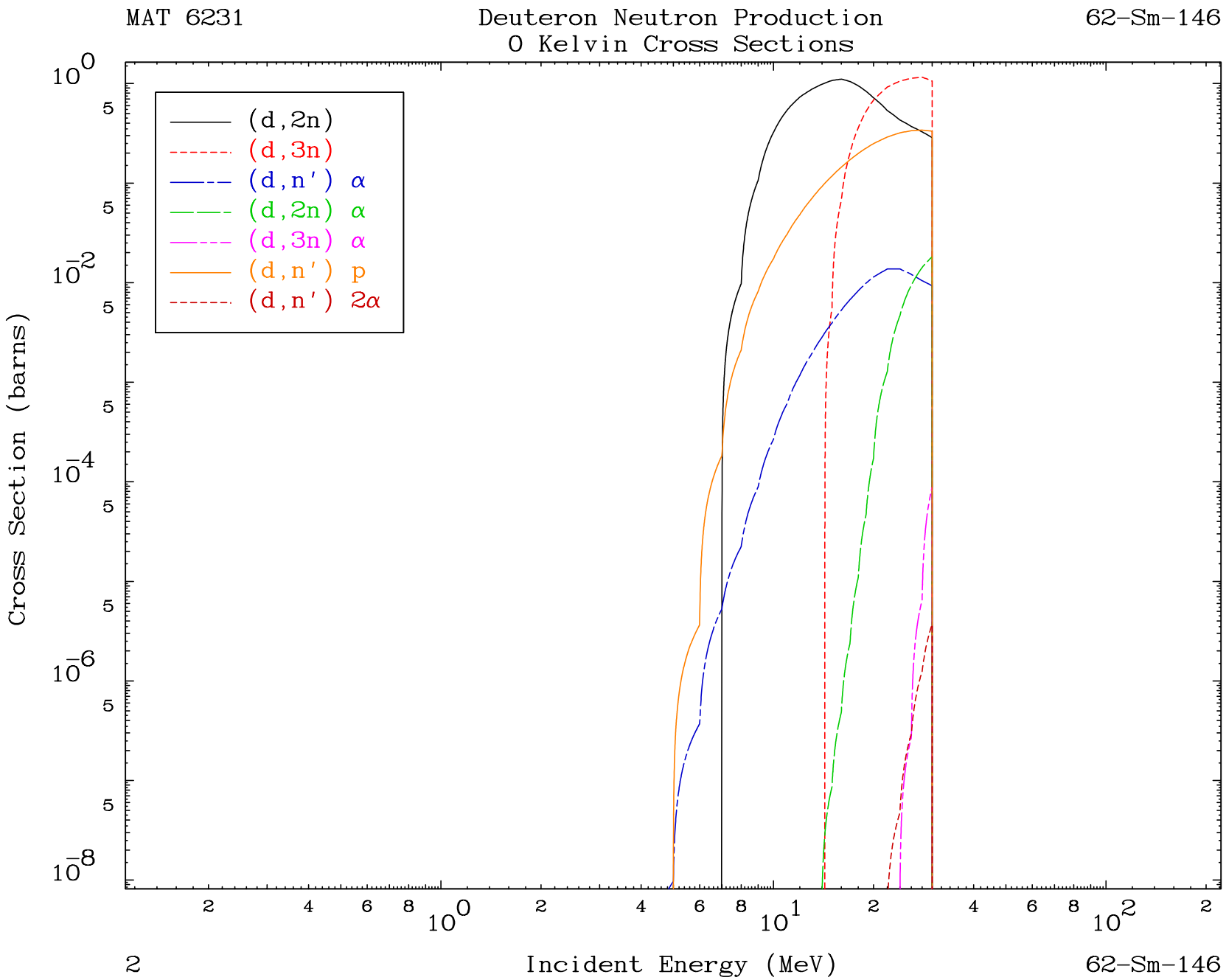
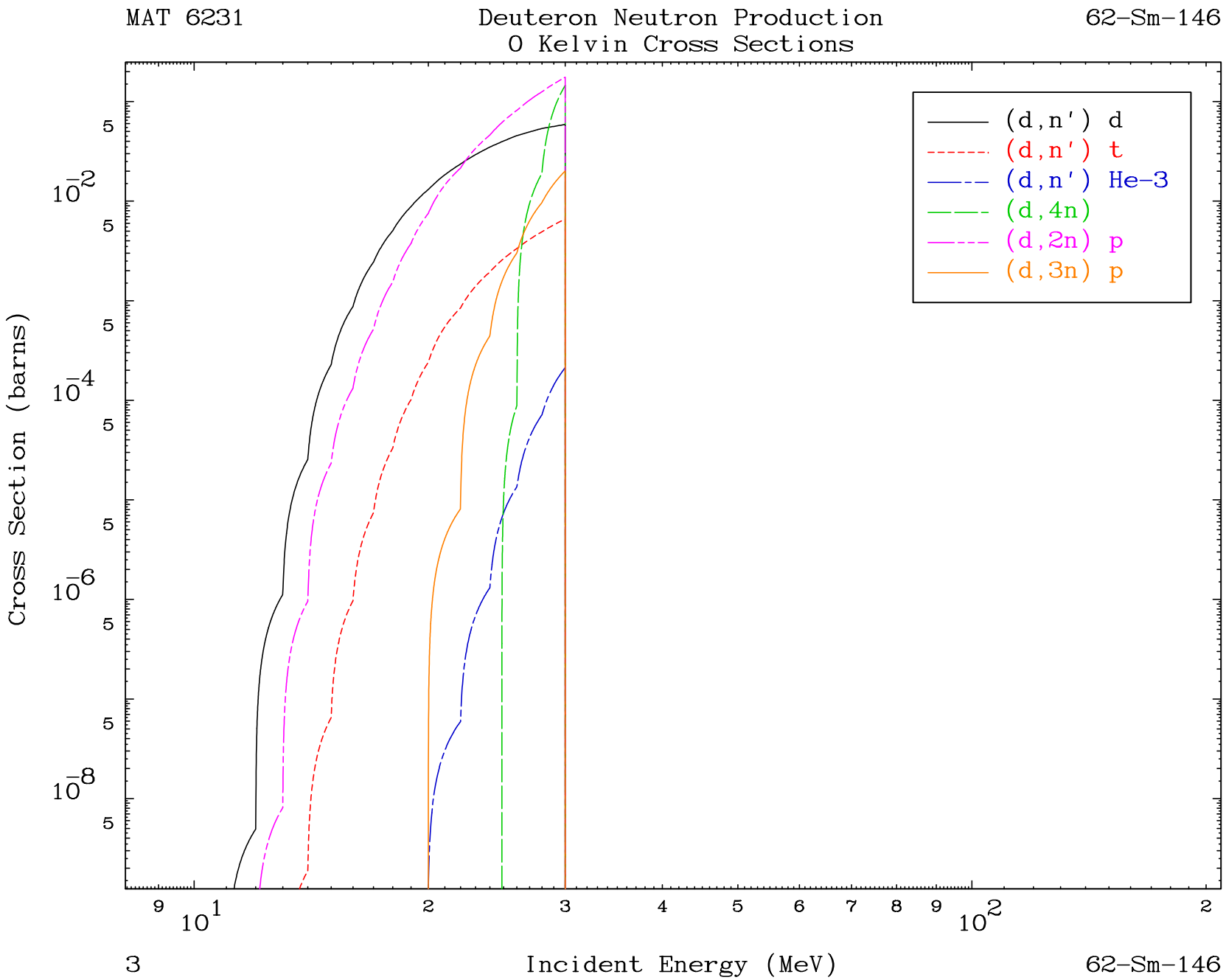
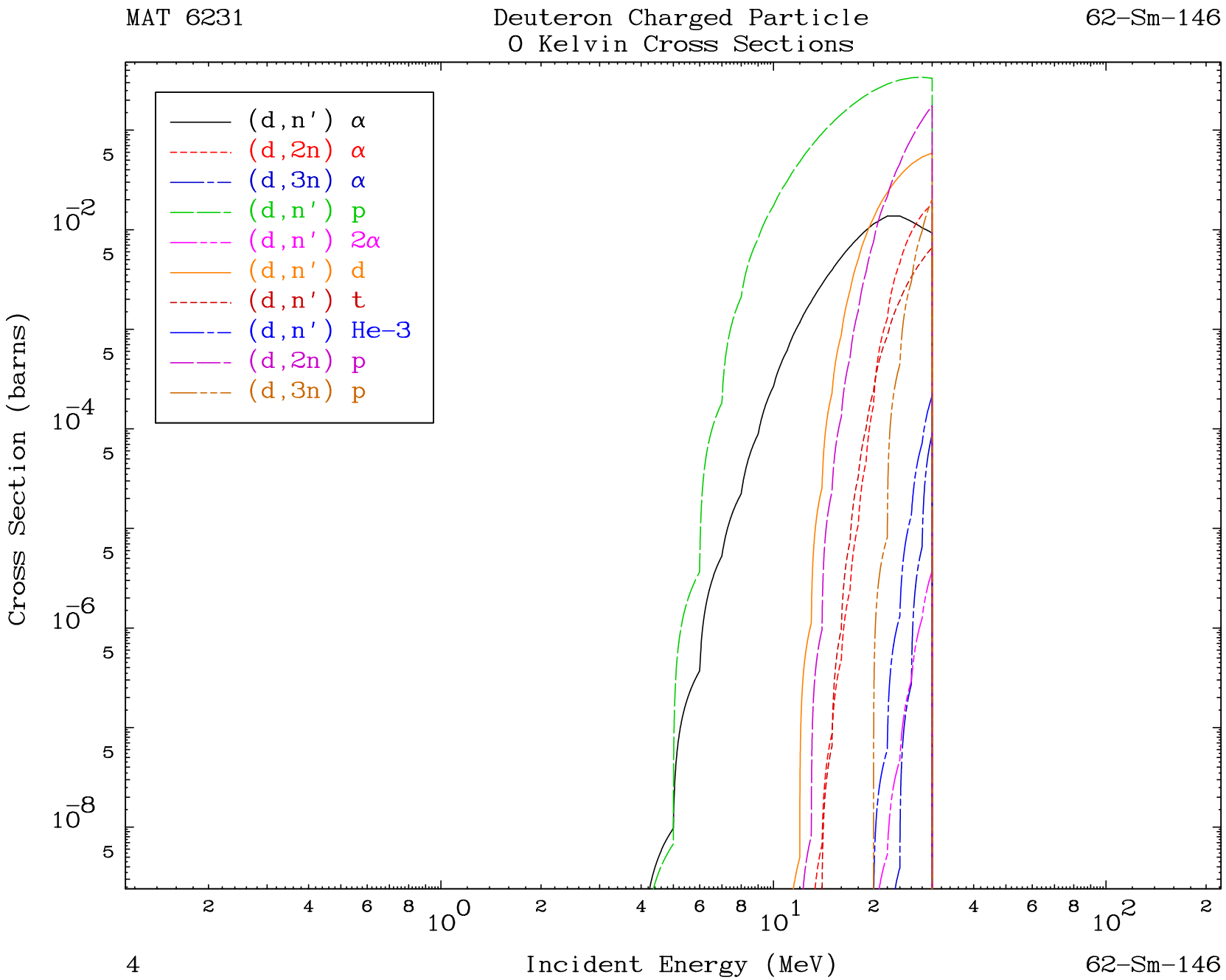
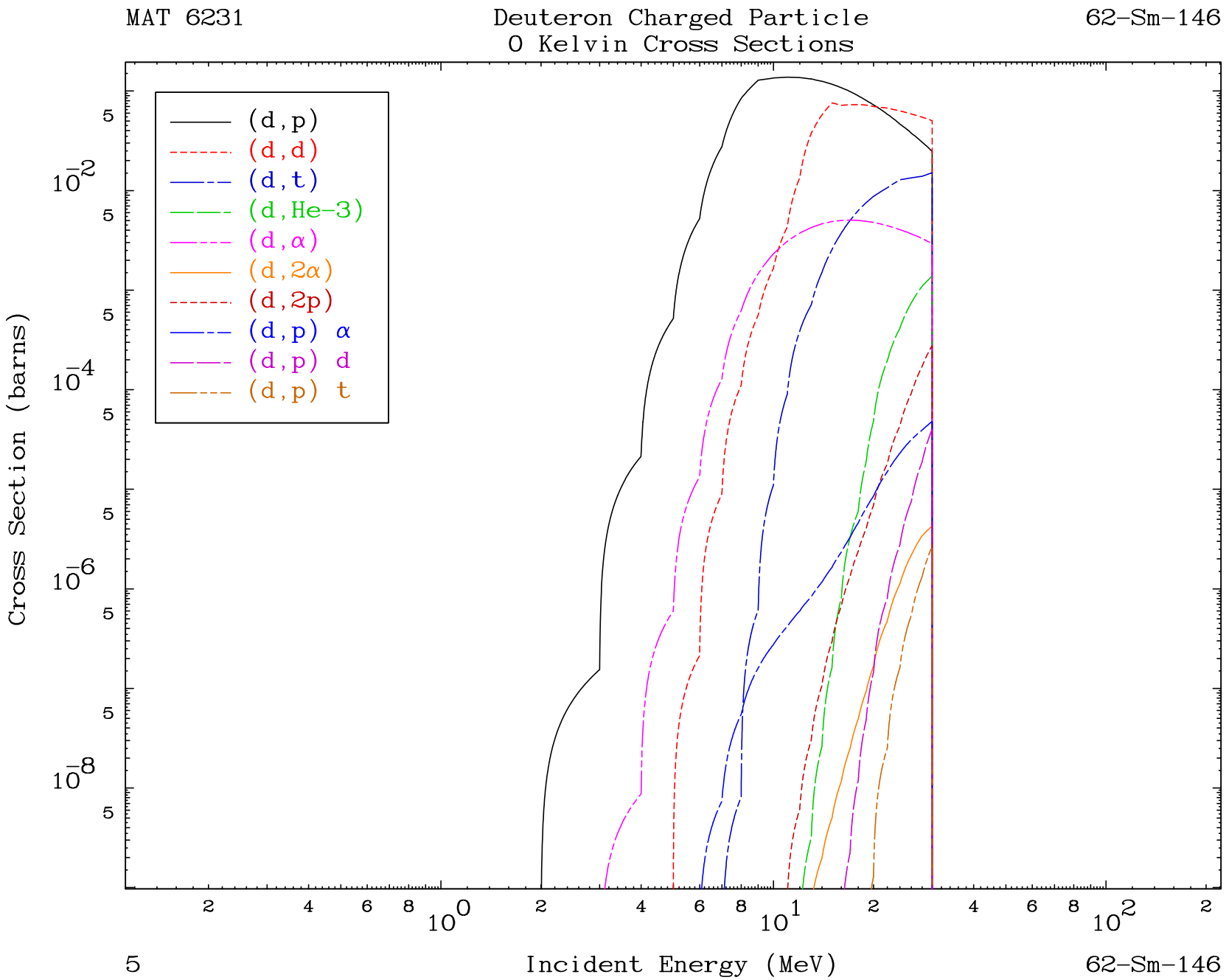
Press Mouse Button to Start

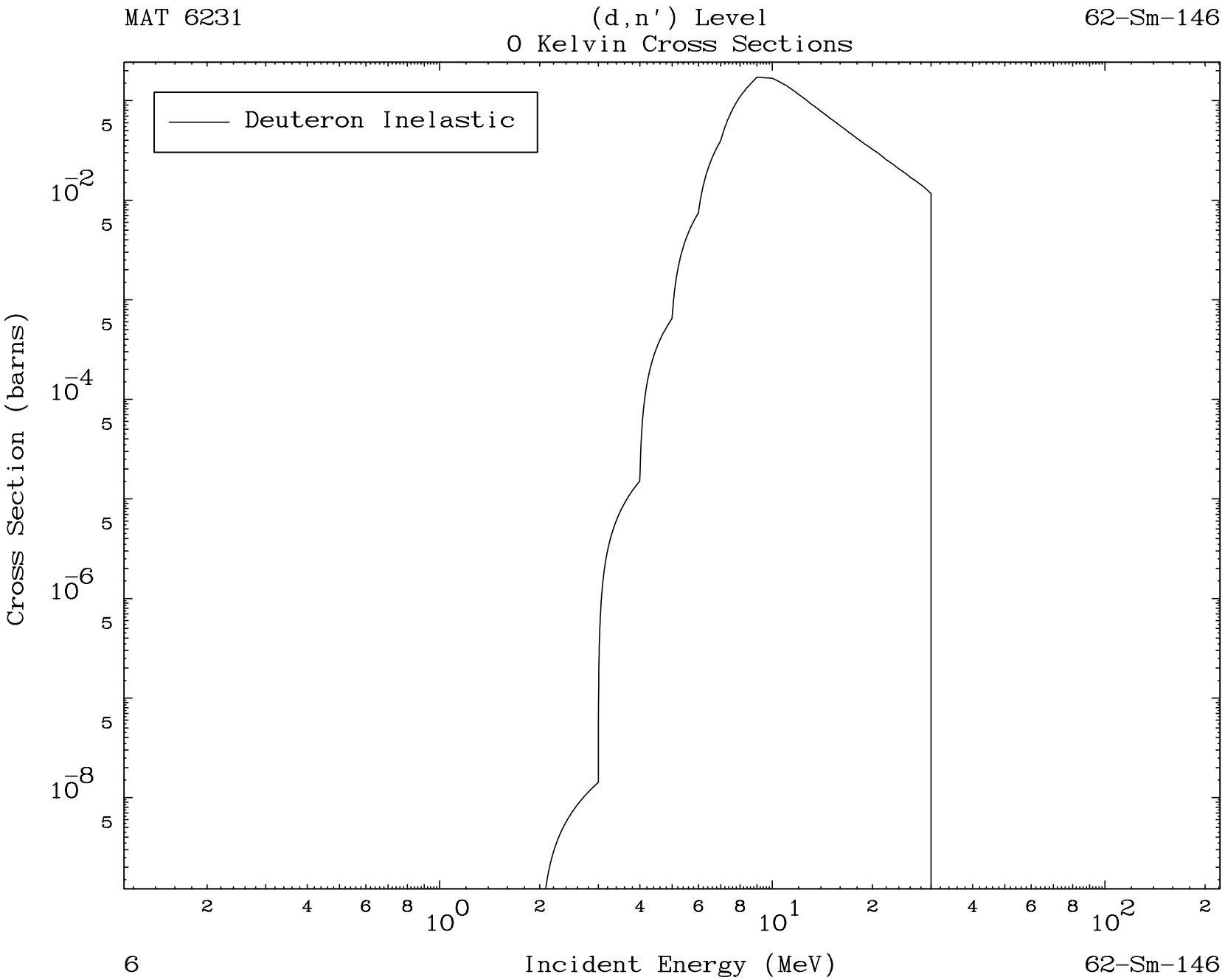

MAT 6231
Deuteron Major
62-Sm-146
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
62-Sm-146
1

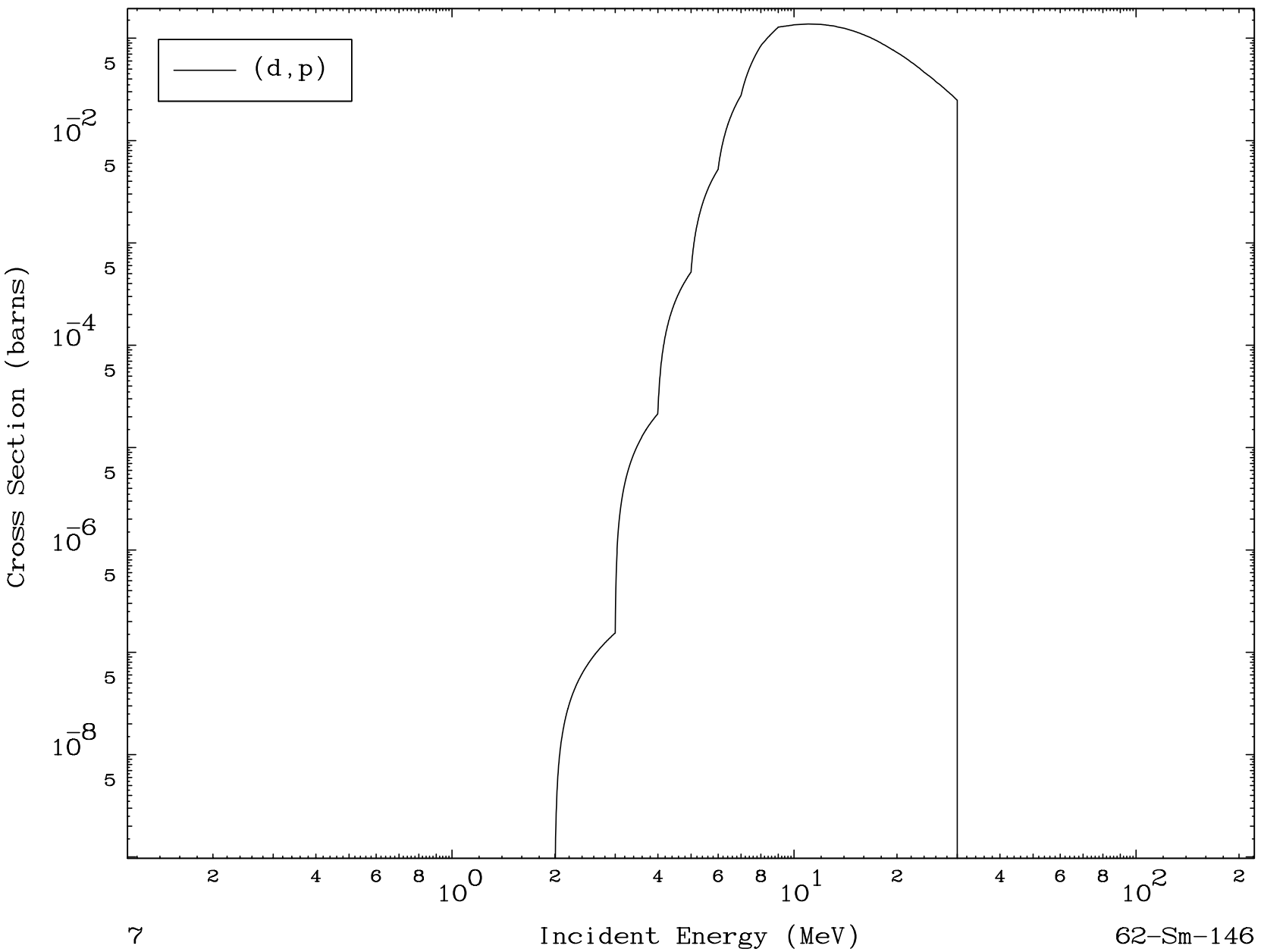

MAT 6231
Deuteron Neutron Production
0 Kelvin Cross Sections
62-Sm-146
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
62-Sm-146
2

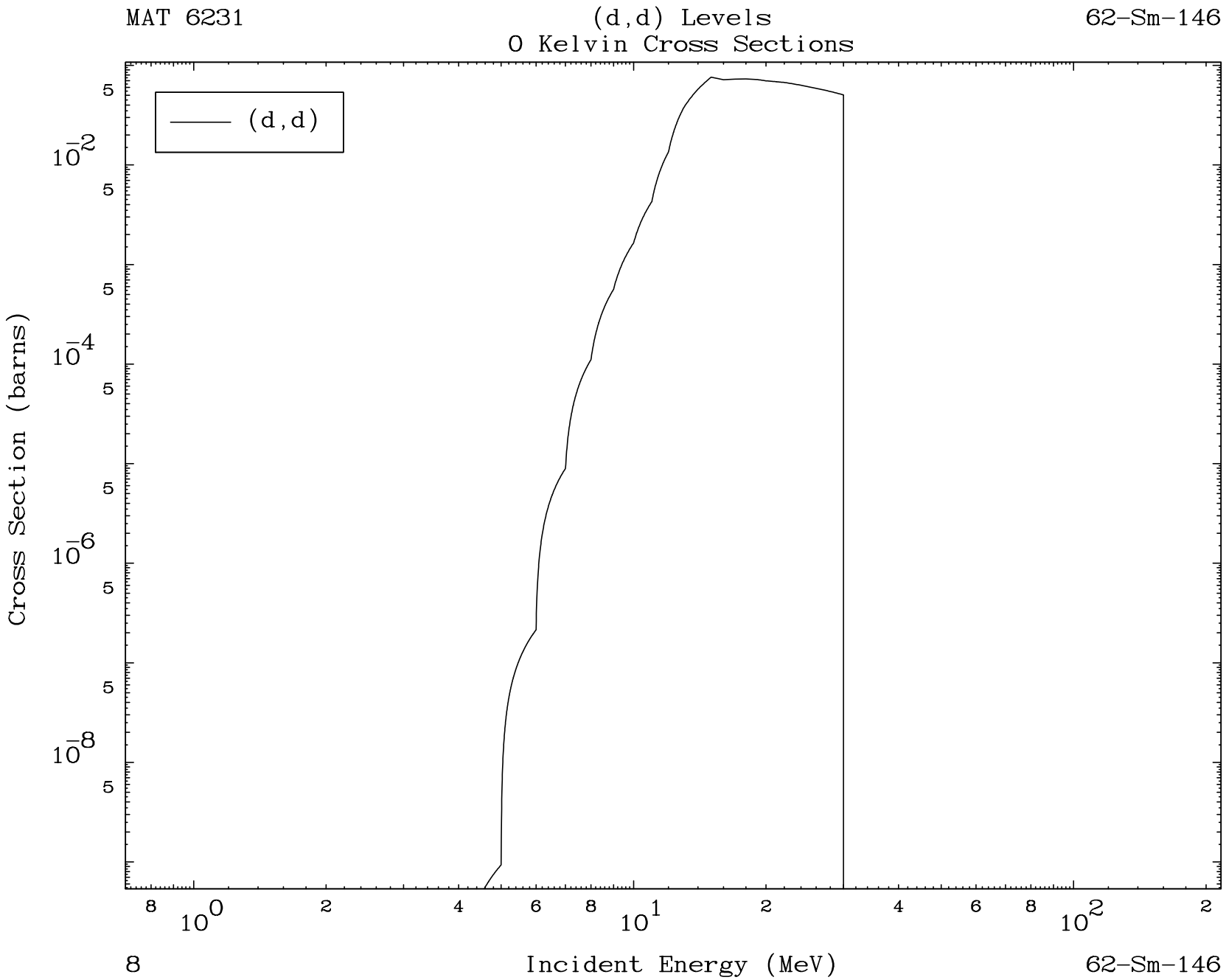

MAT 6231
Deuteron Neutron Production
0 Kelvin Cross Sections
62-Sm-146
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
62-Sm-146

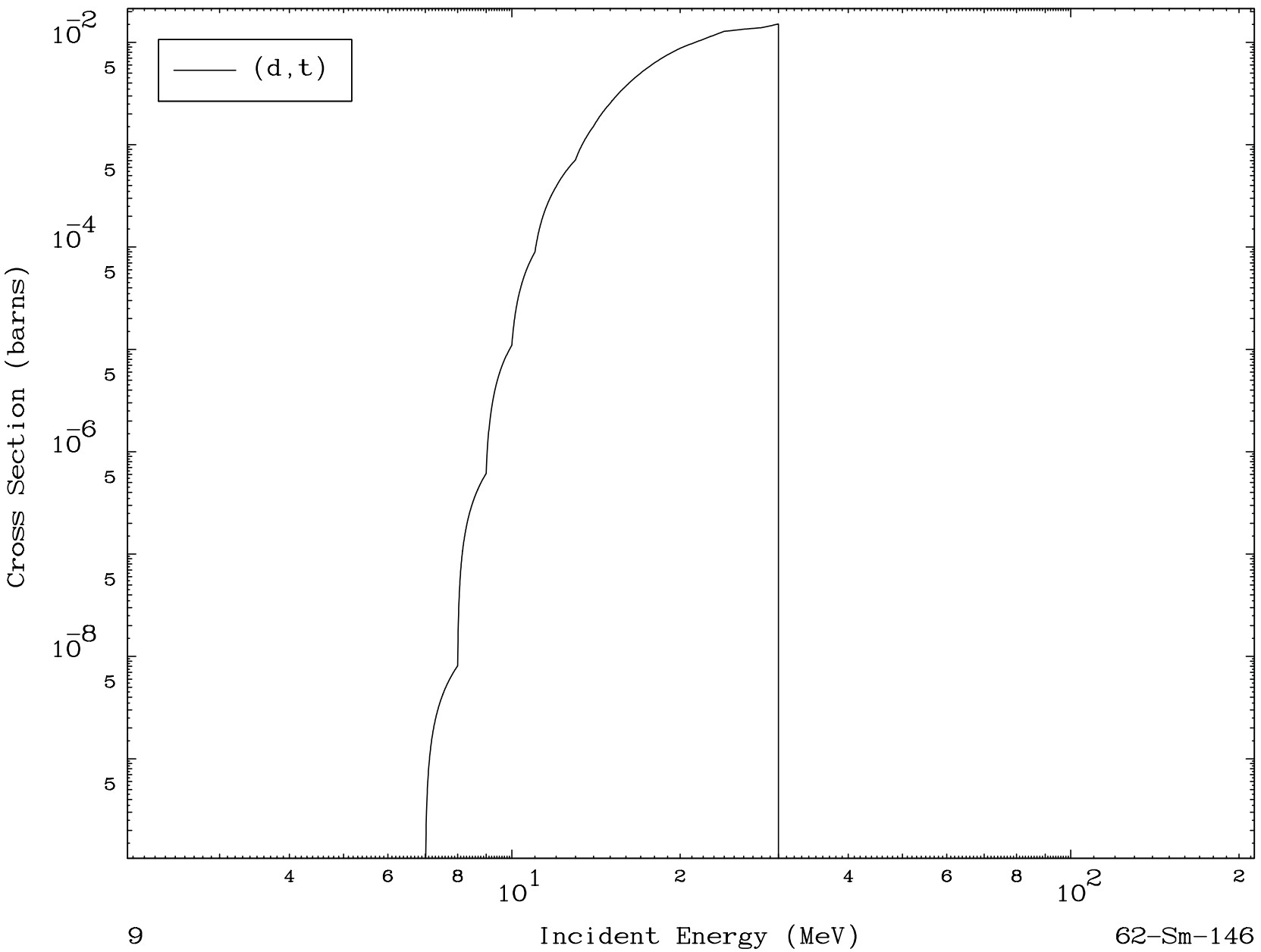

MAT 6231
Deuteron Charged Particle
0 Kelvin Cross Sections
62-Sm-146
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
62-Sm-146

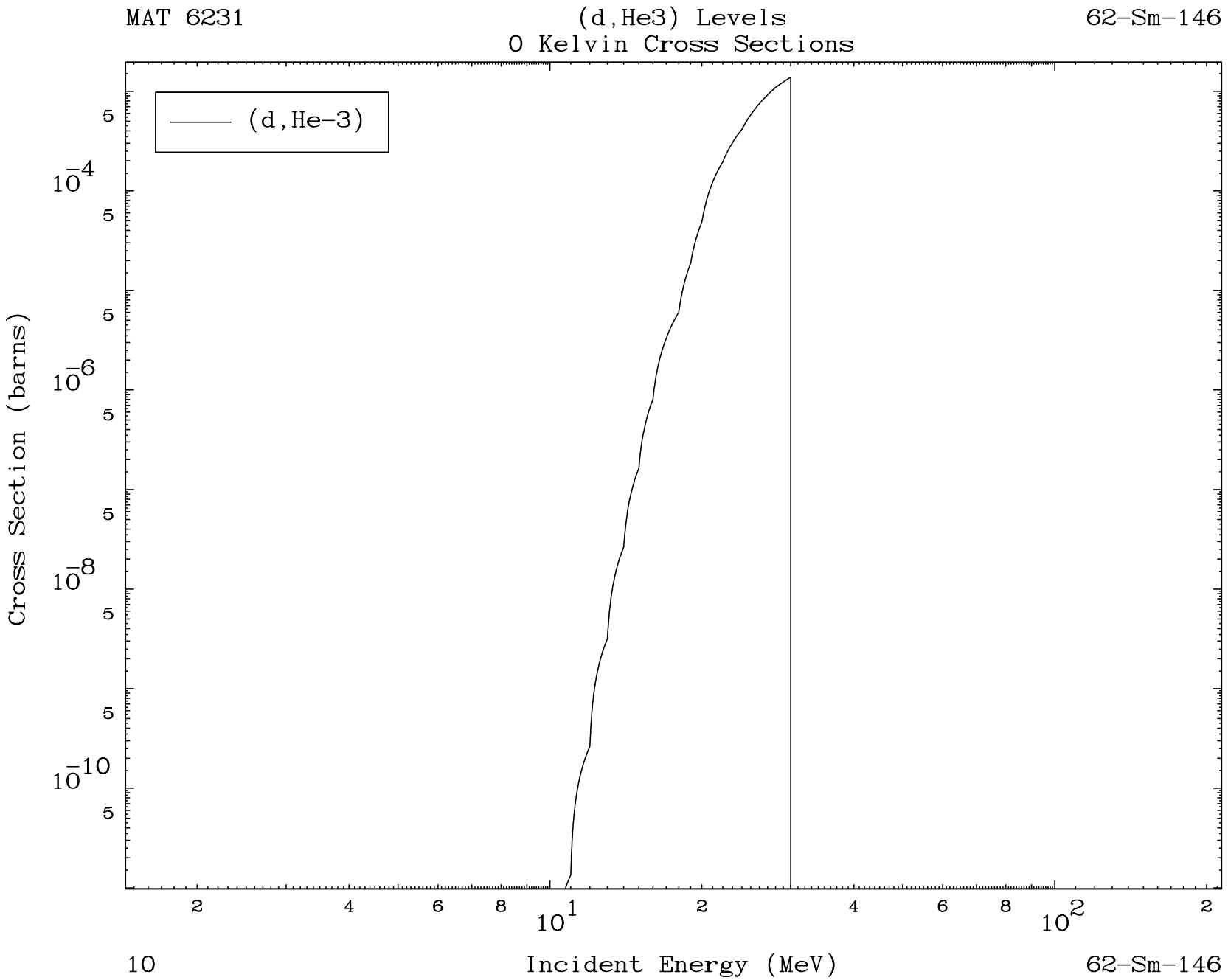

MAT 6231
Deuteron Charged Particle
0 Kelvin Cross Sections
62-Sm-146
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
5
62-Sm-146

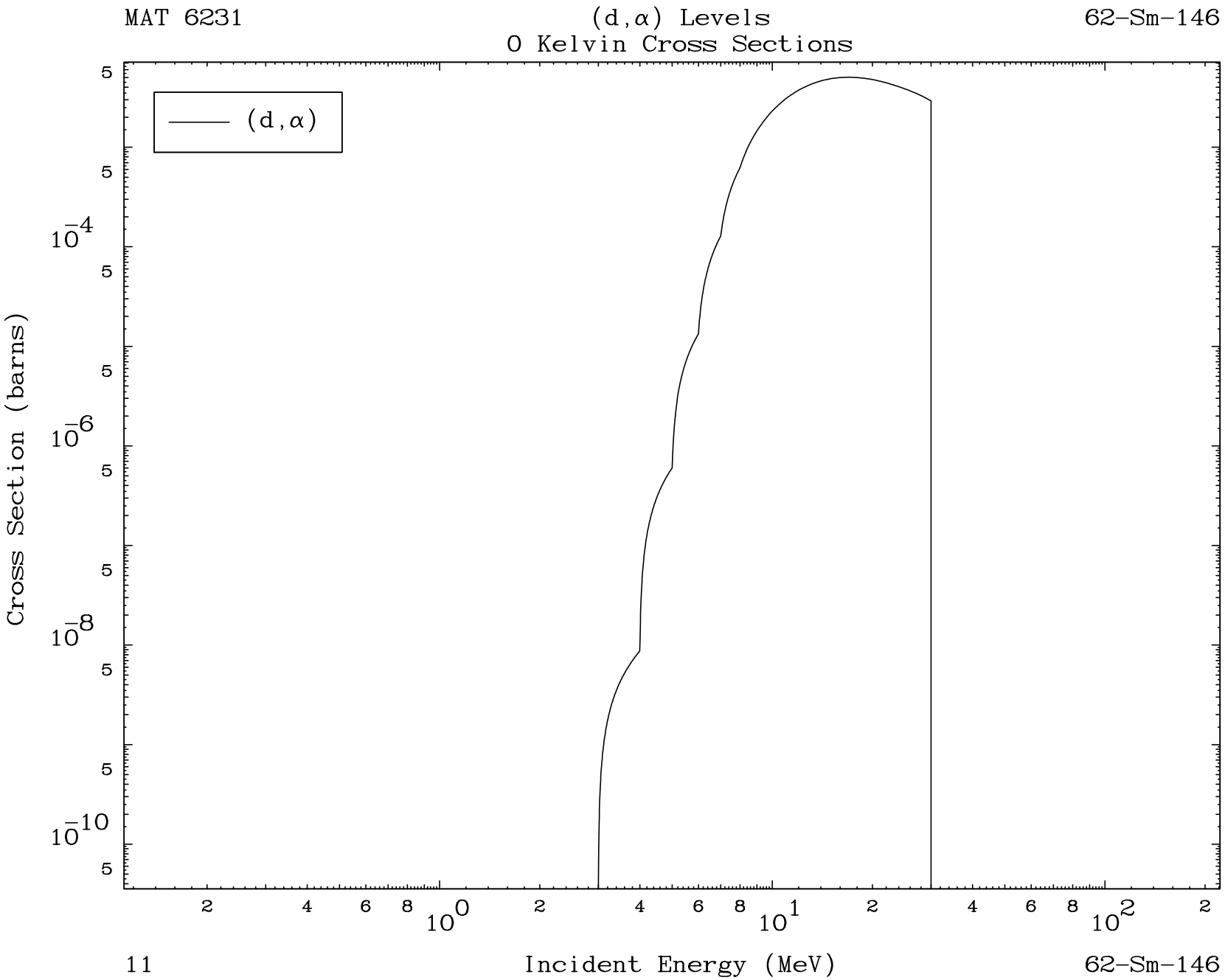

MAT 6231
(d,n') Level
62-Sm-146
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
62-Sm-146


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


MAT 6231
(d,d) Levels
62-Sm-146
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
62-Sm-146
8


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


MAT 6231
(d,He3) Levels
62-Sm-146
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
10
Incident Energy (MeV)
62-Sm-146


MAT 6231
(d,α) Levels
62-Sm-146
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
62-Sm-146