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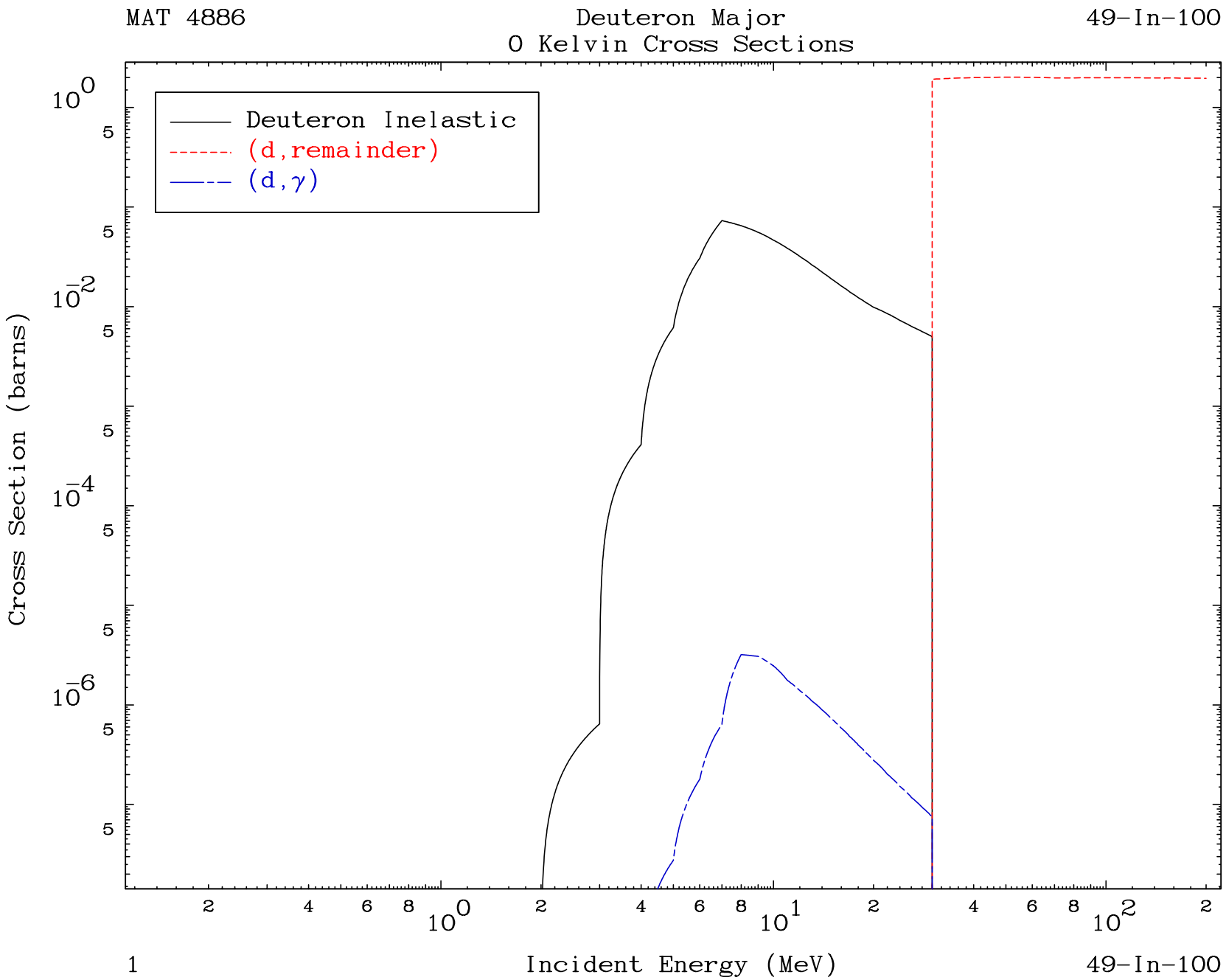
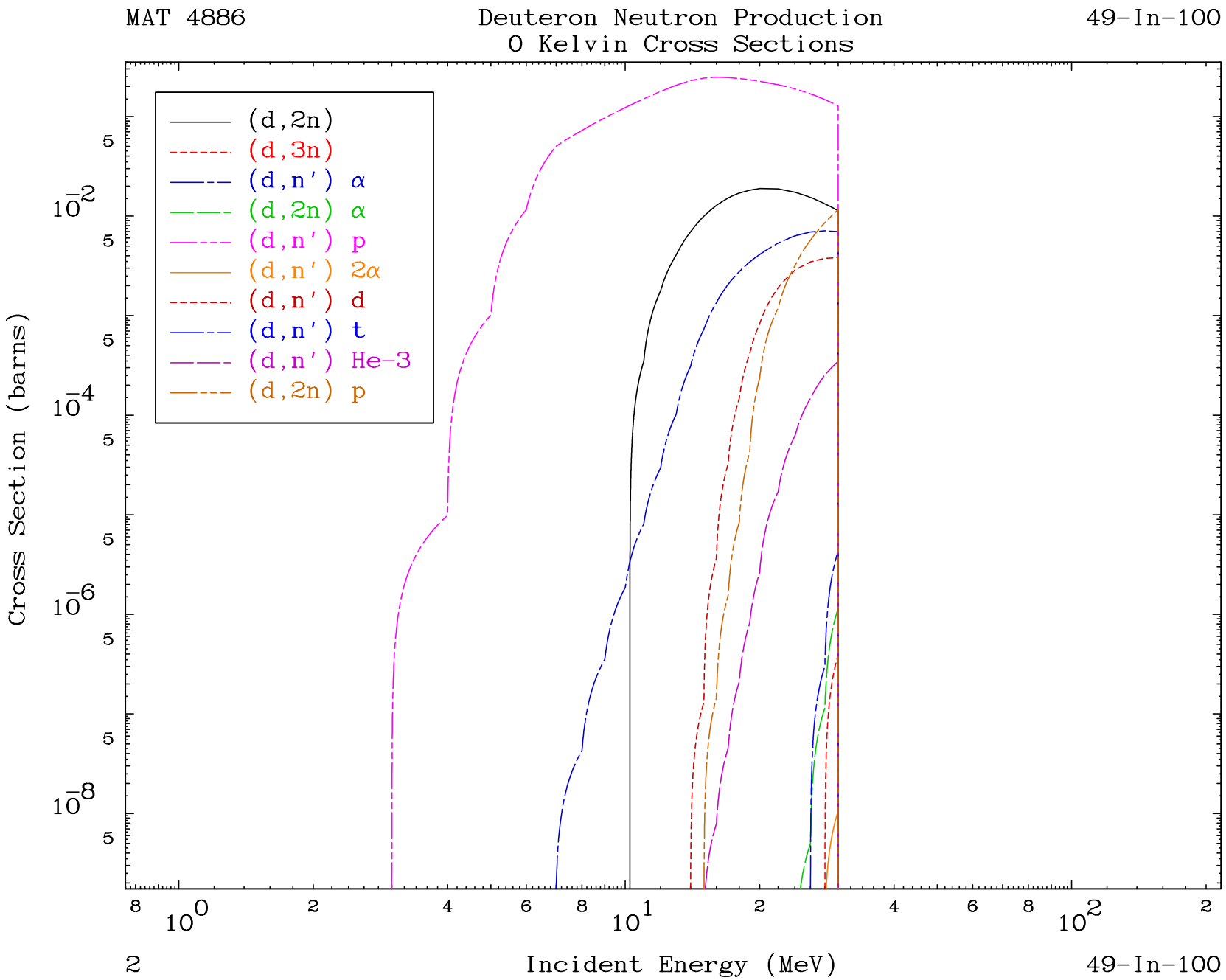
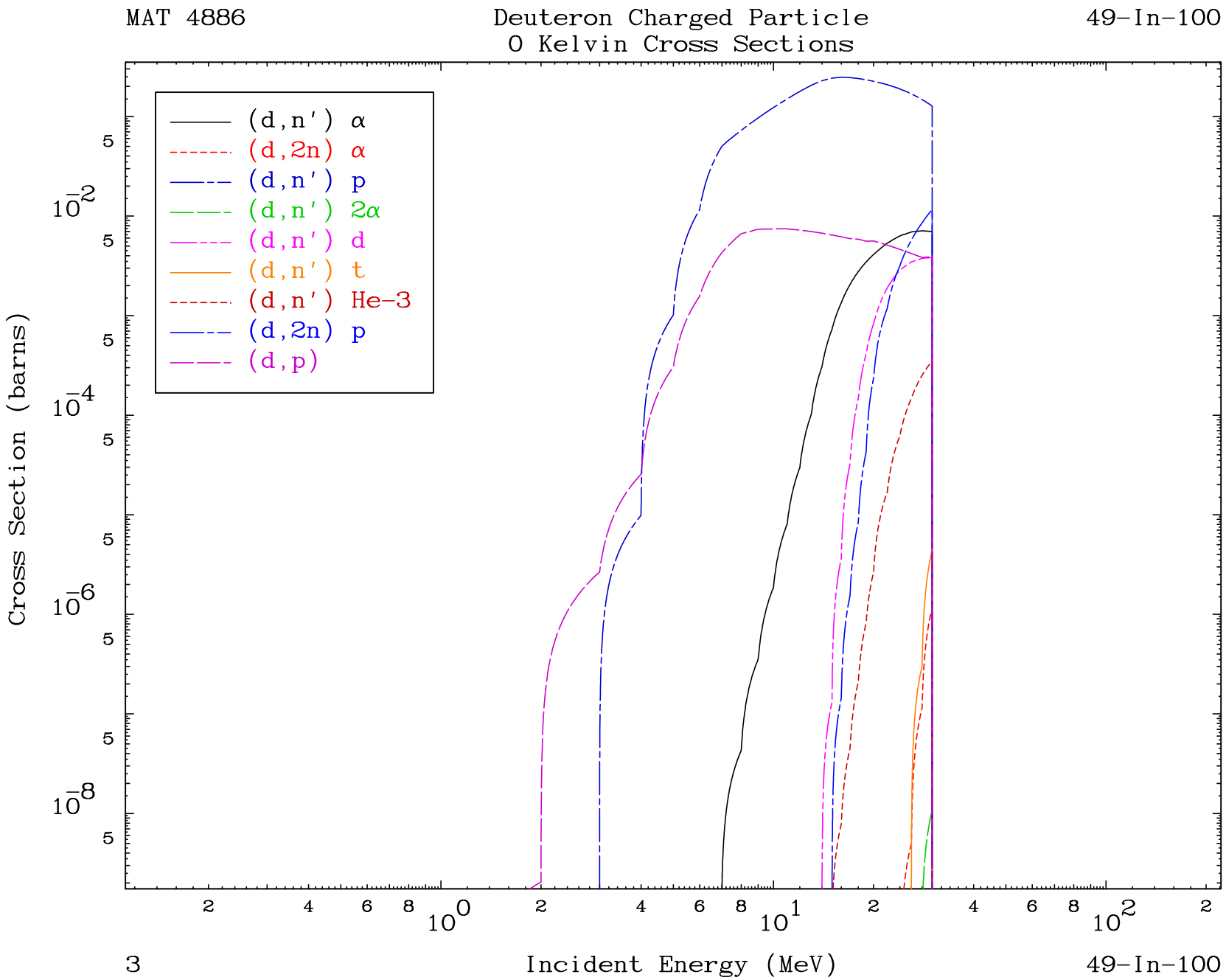
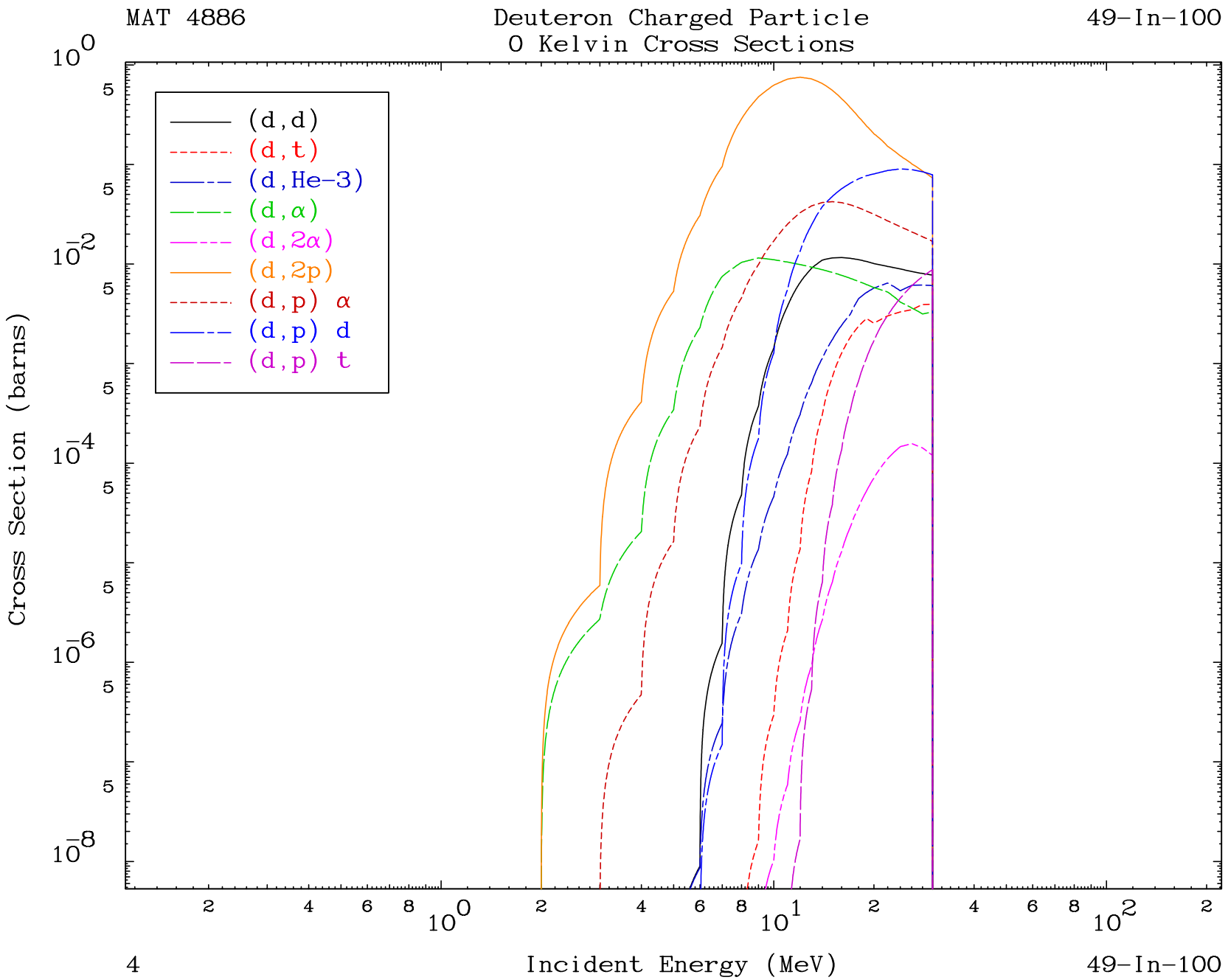
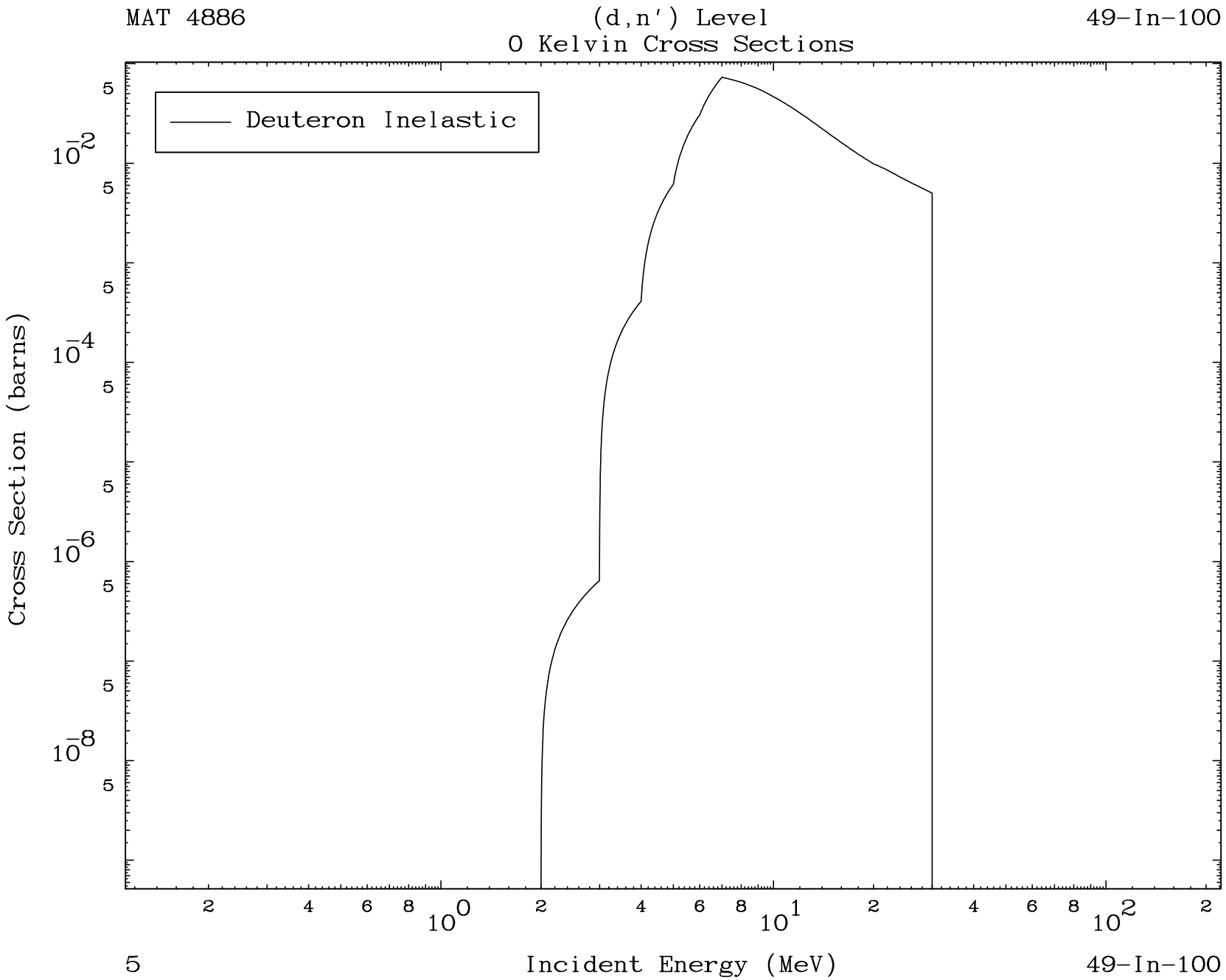
Press Mouse Button to Start

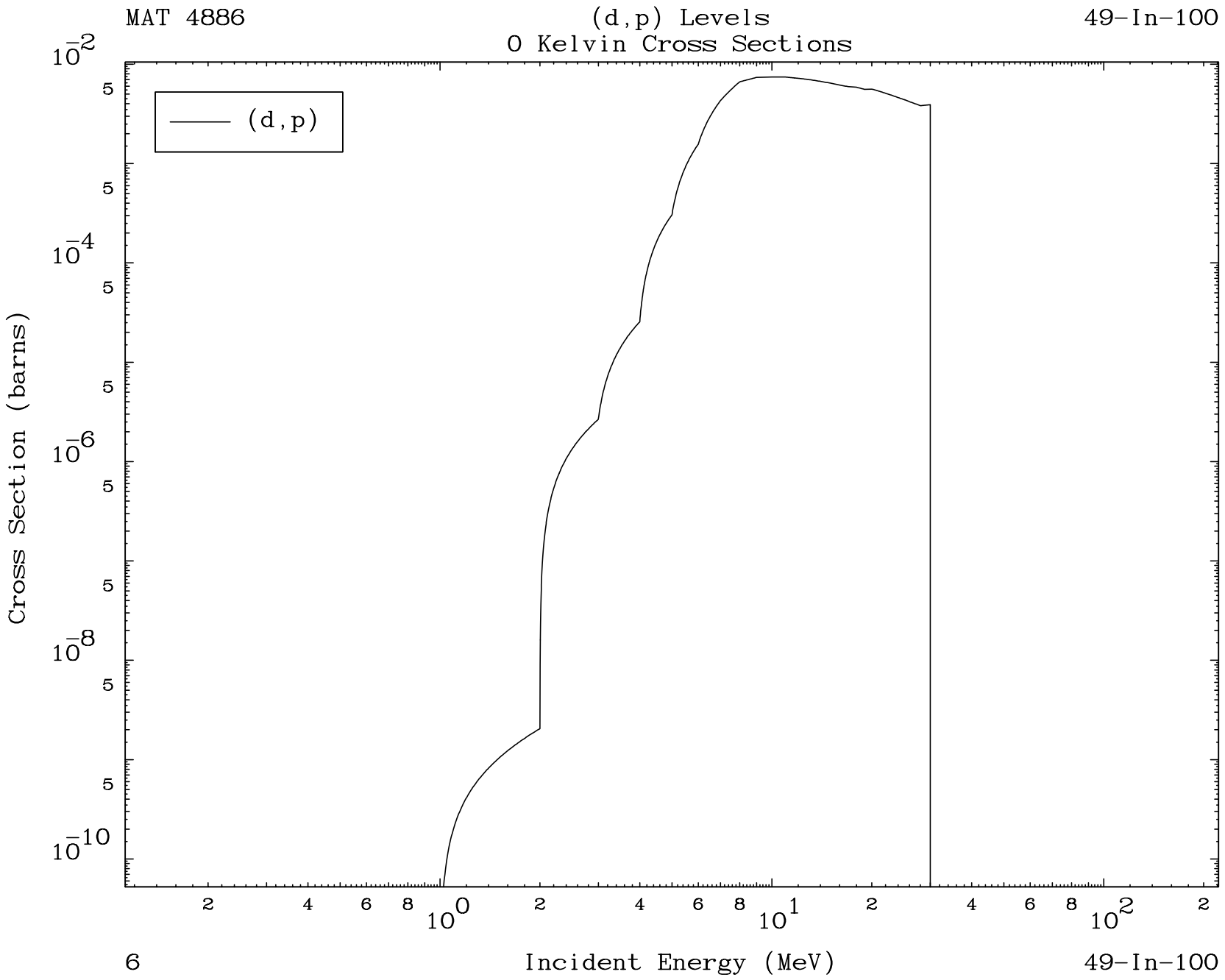

MAT 4886
Deuteron Major
49-In-100
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-100
1

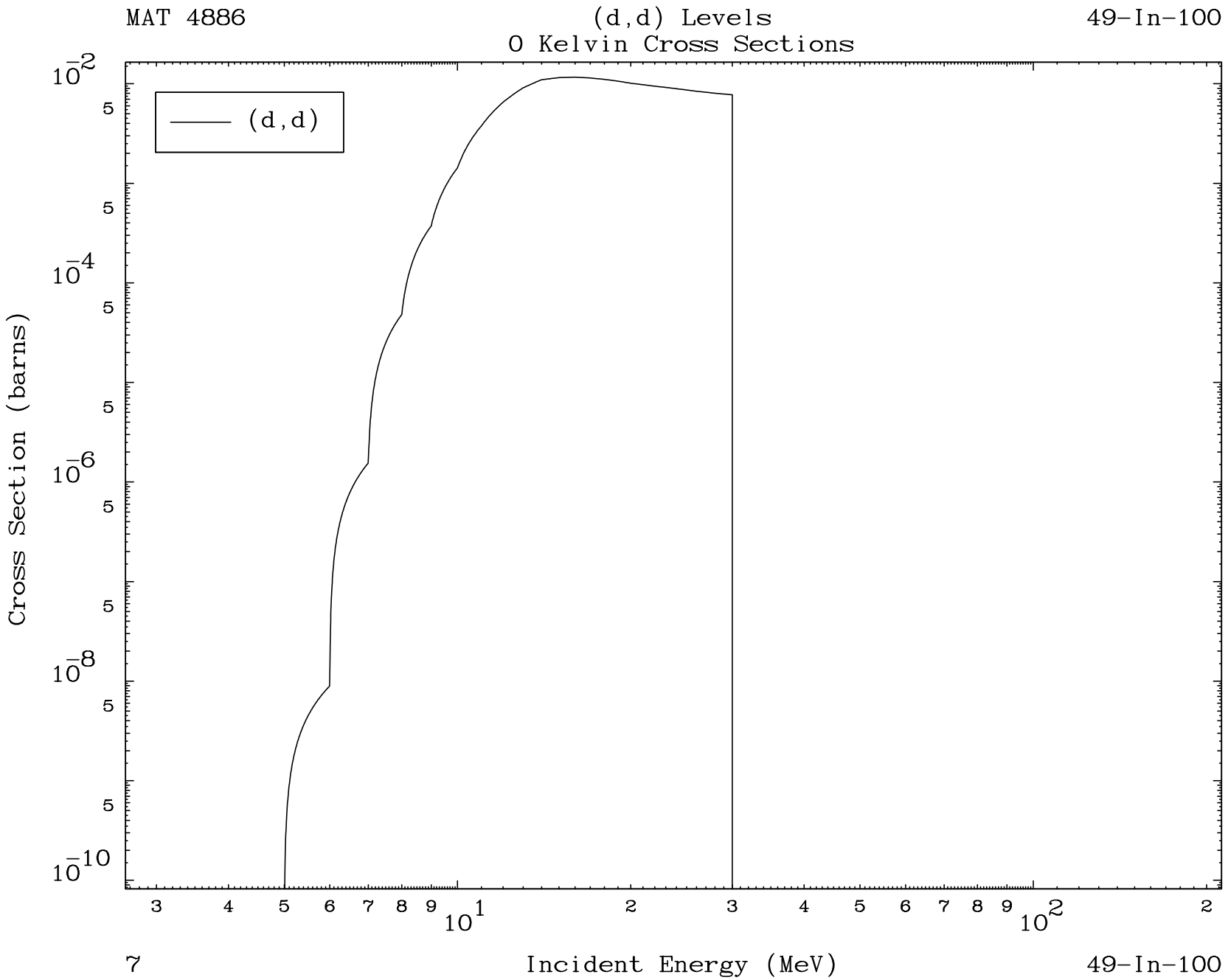

MAT 4886
Deuteron Neutron Production
0 Kelvin Cross Sections
49-In-100
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
Cross Section (barns)
Incident Energy (MeV)
49-In-100
2

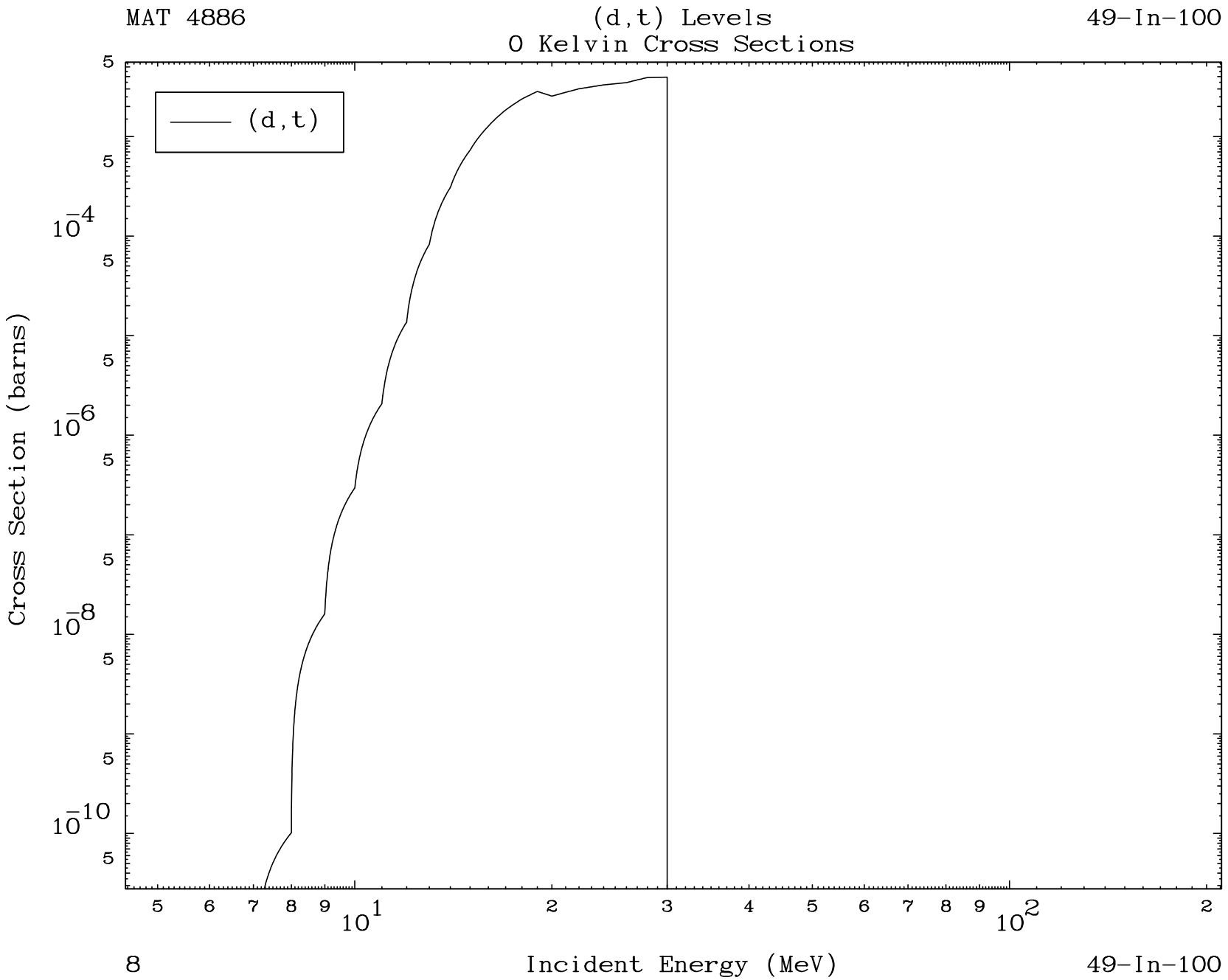

MAT 4886
Deuteron Charged Particle
0 Kelvin Cross Sections
49-In-100
(d,n') α
(d,2n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,p)
Cross Section (barns)
Incident Energy (MeV)
3
49-In-100

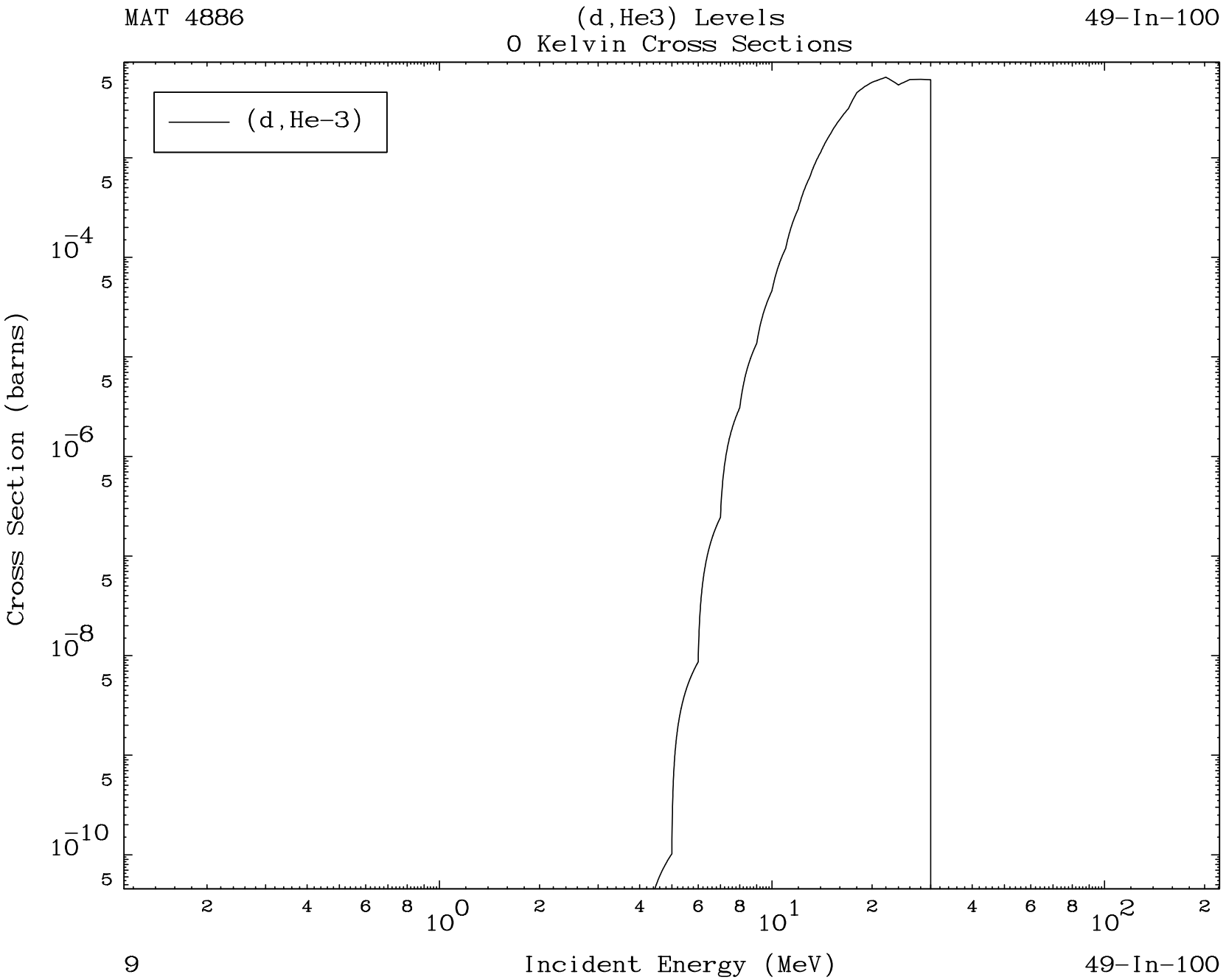

MAT 4886
Deuteron Charged Particle
0 Kelvin Cross Sections
49-In-100
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
4
49-In-100

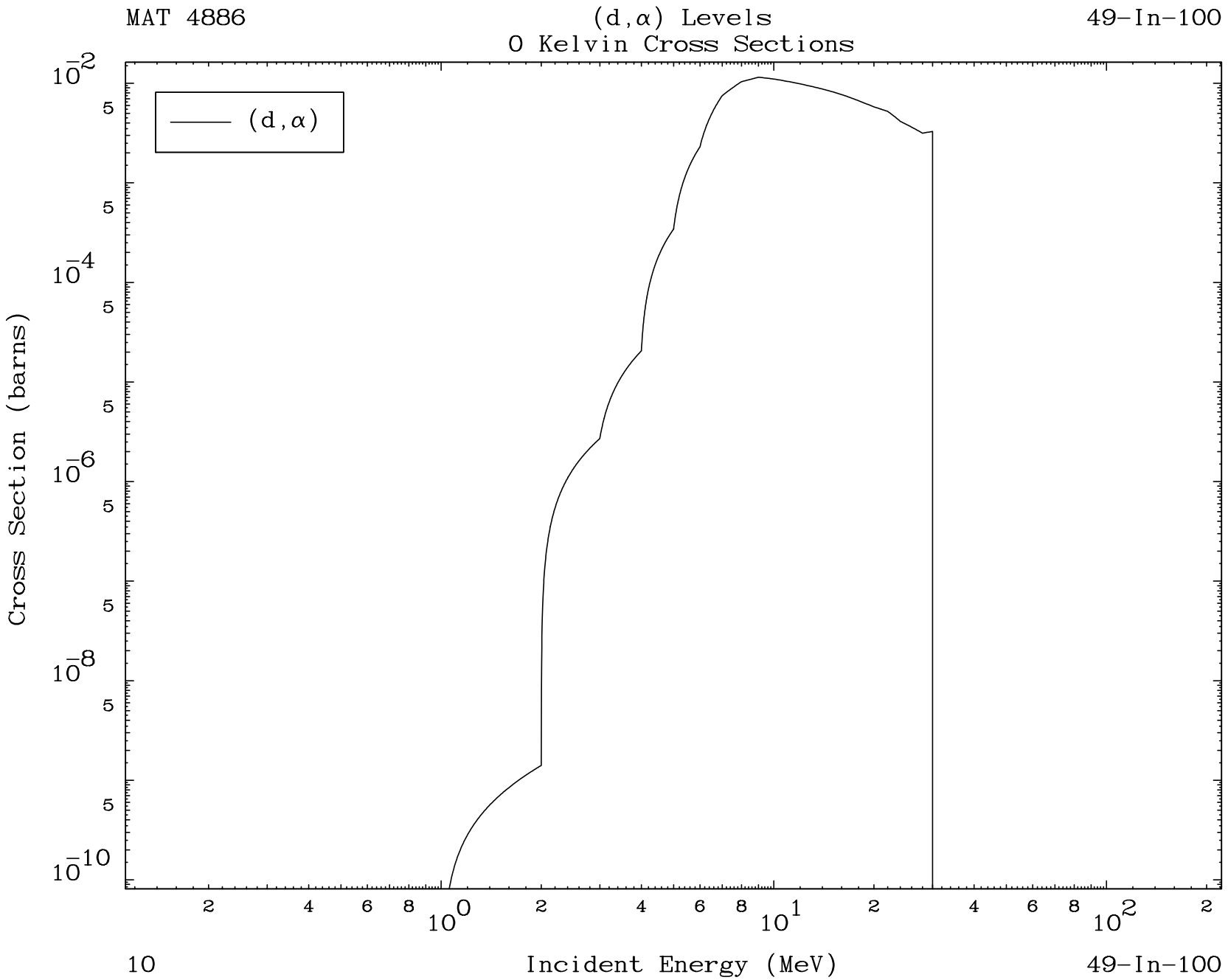

MAT 4886
(d,n') Level
49-In-100
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
5
49-In-100

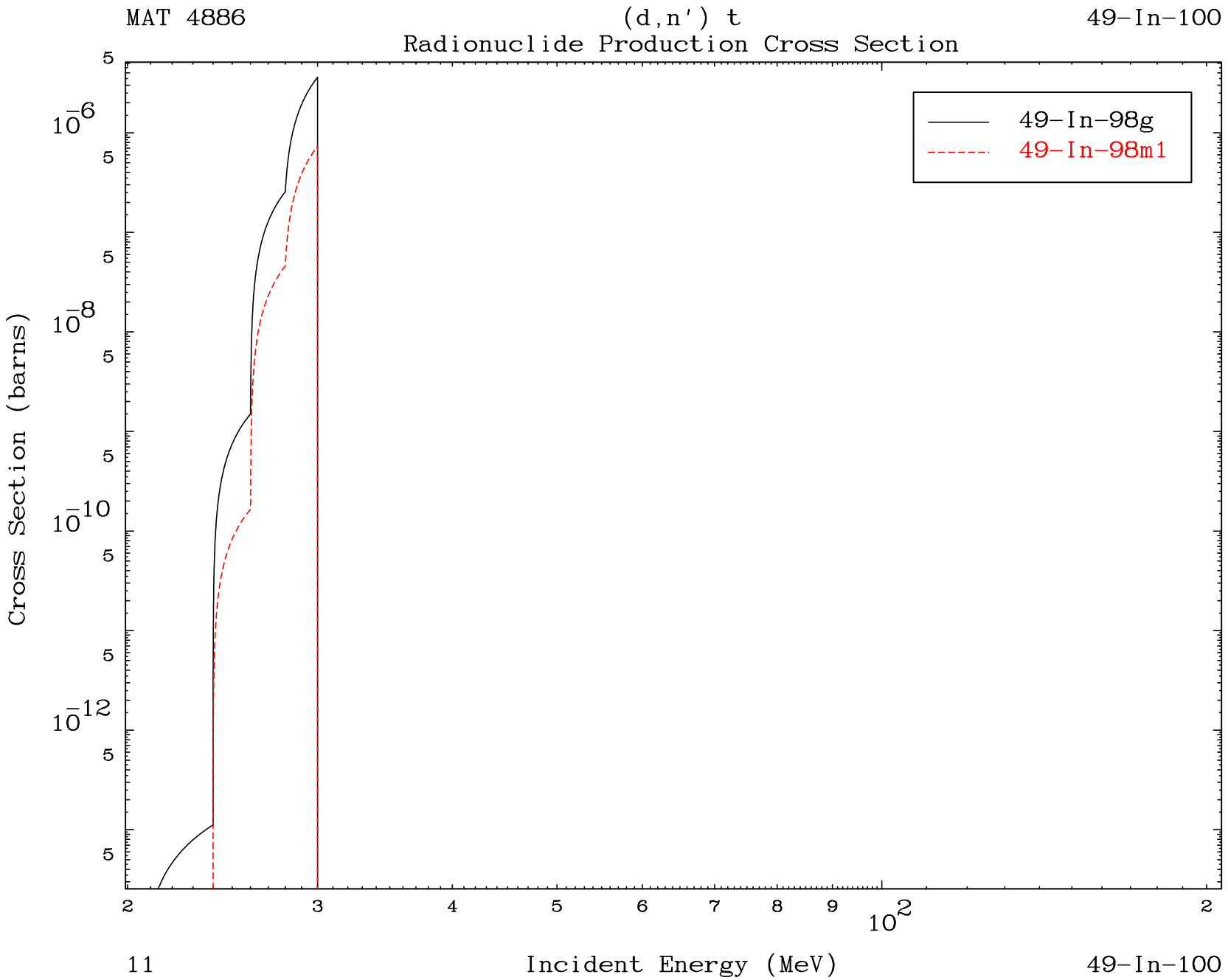

MAT 4886
(d,p) Levels
49-In-100
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
6
49-In-100

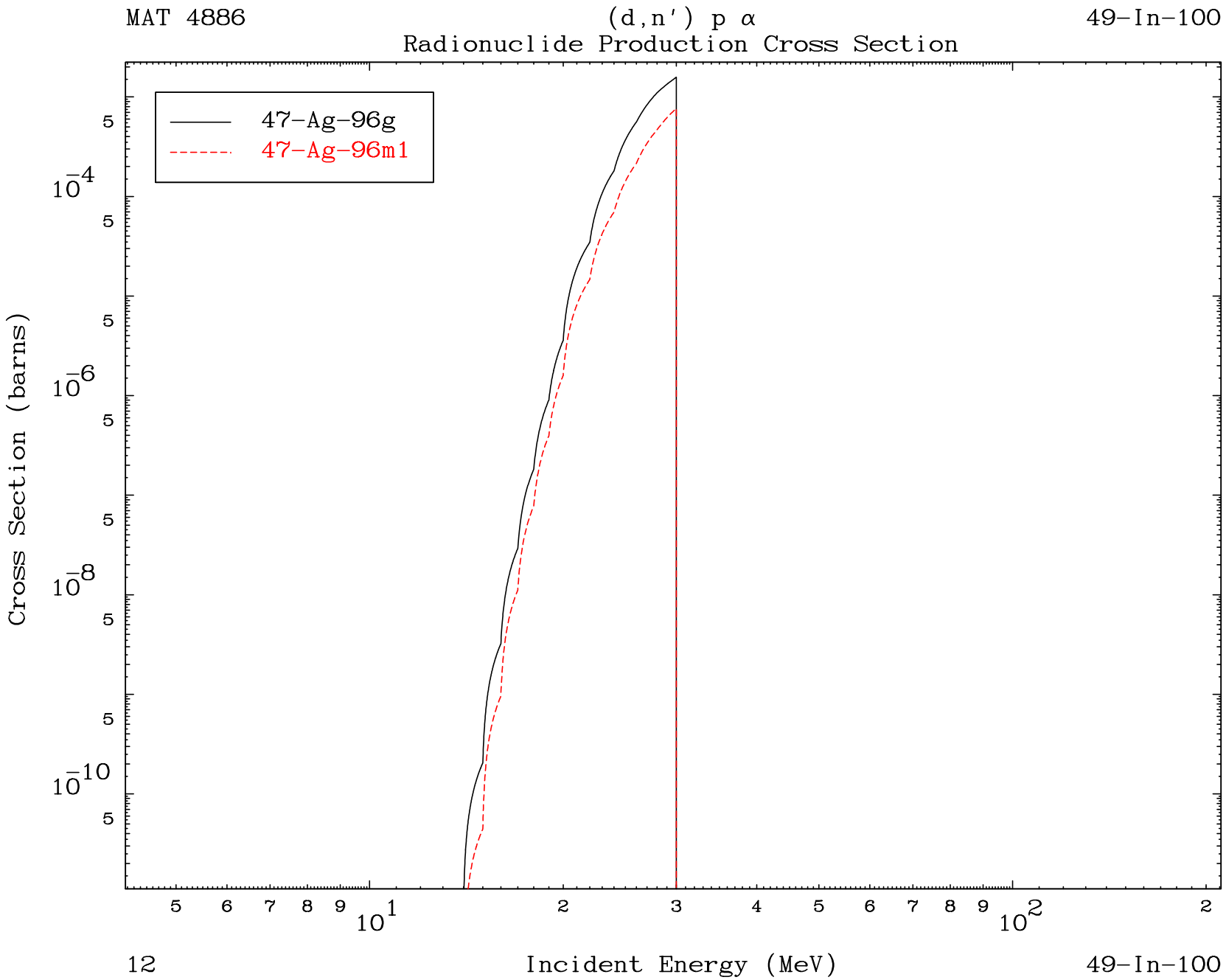

MAT 4886
(d,d) Levels
49-In-100
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-100

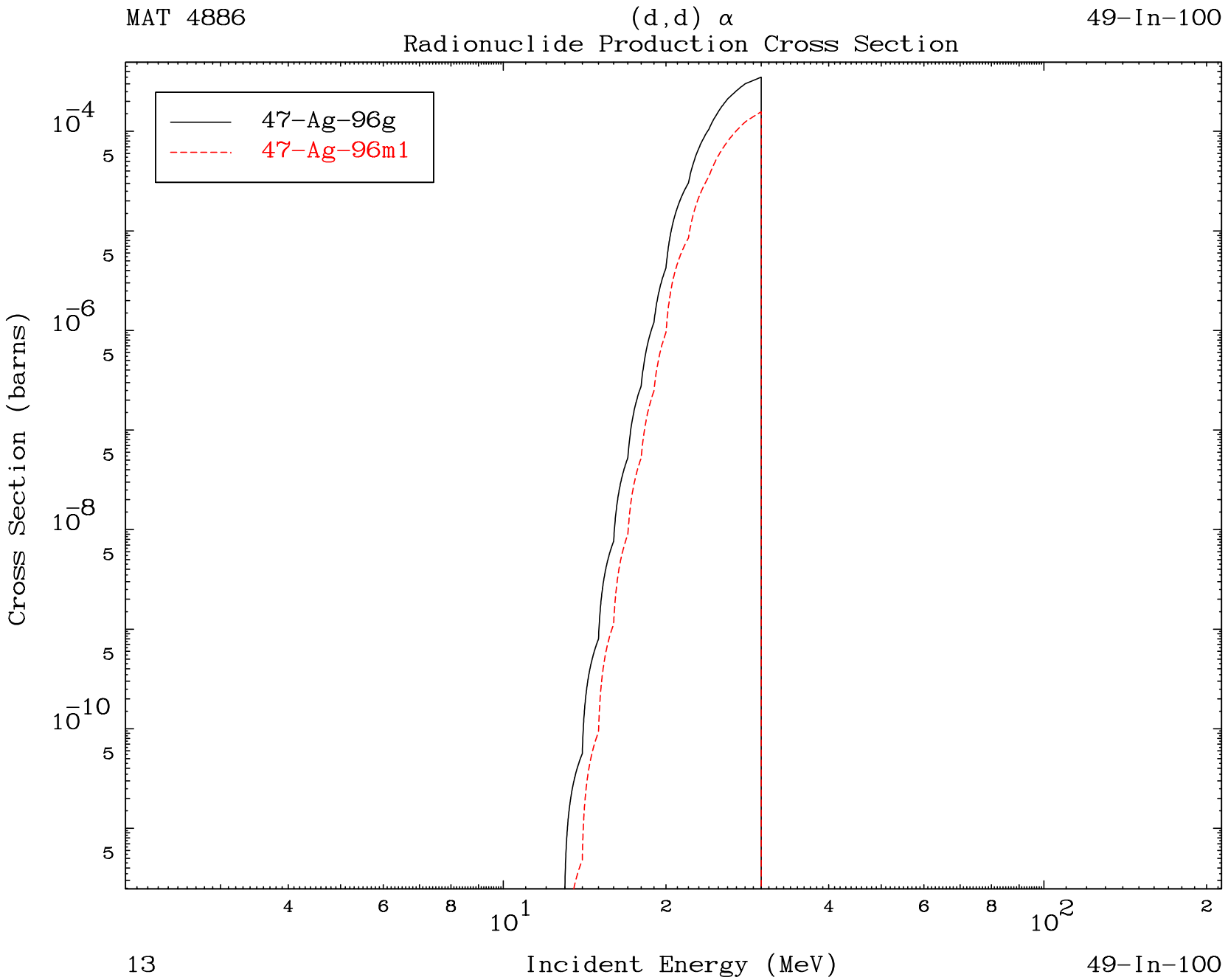

MAT 4886
(d,t) Levels
49-In-100
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-100


MAT 4886
(d,He3) Levels
49-In-100
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-100


MAT 4886
(d,α) Levels
49-In-100
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
49-In-100


MAT 4886
(d,n') t
49-In-100
Radionuclide Production Cross Section
49-In-98g
49-In-98m1
Cross Section (barns)
Incident Energy (MeV)
11
49-In-100


MAT 4886
(d,n') p α
49-In-100
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
12
49-In-100


MAT 4886
(d,d) α
49-In-100
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
4
6
8
10^1
2
10^2
13
Incident Energy (MeV)
49-In-100