Program EVALPLOT
(Version 2017-1)
by
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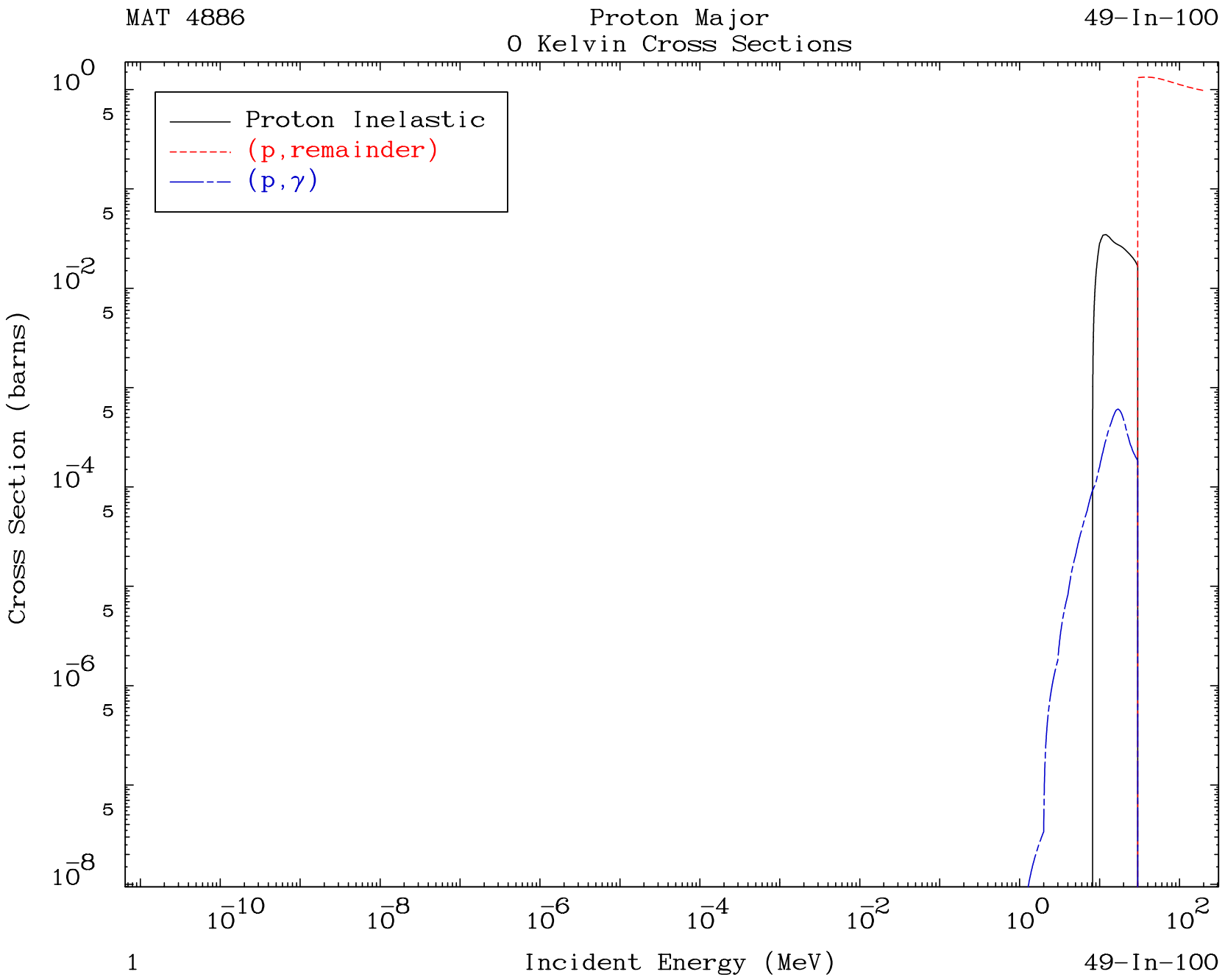
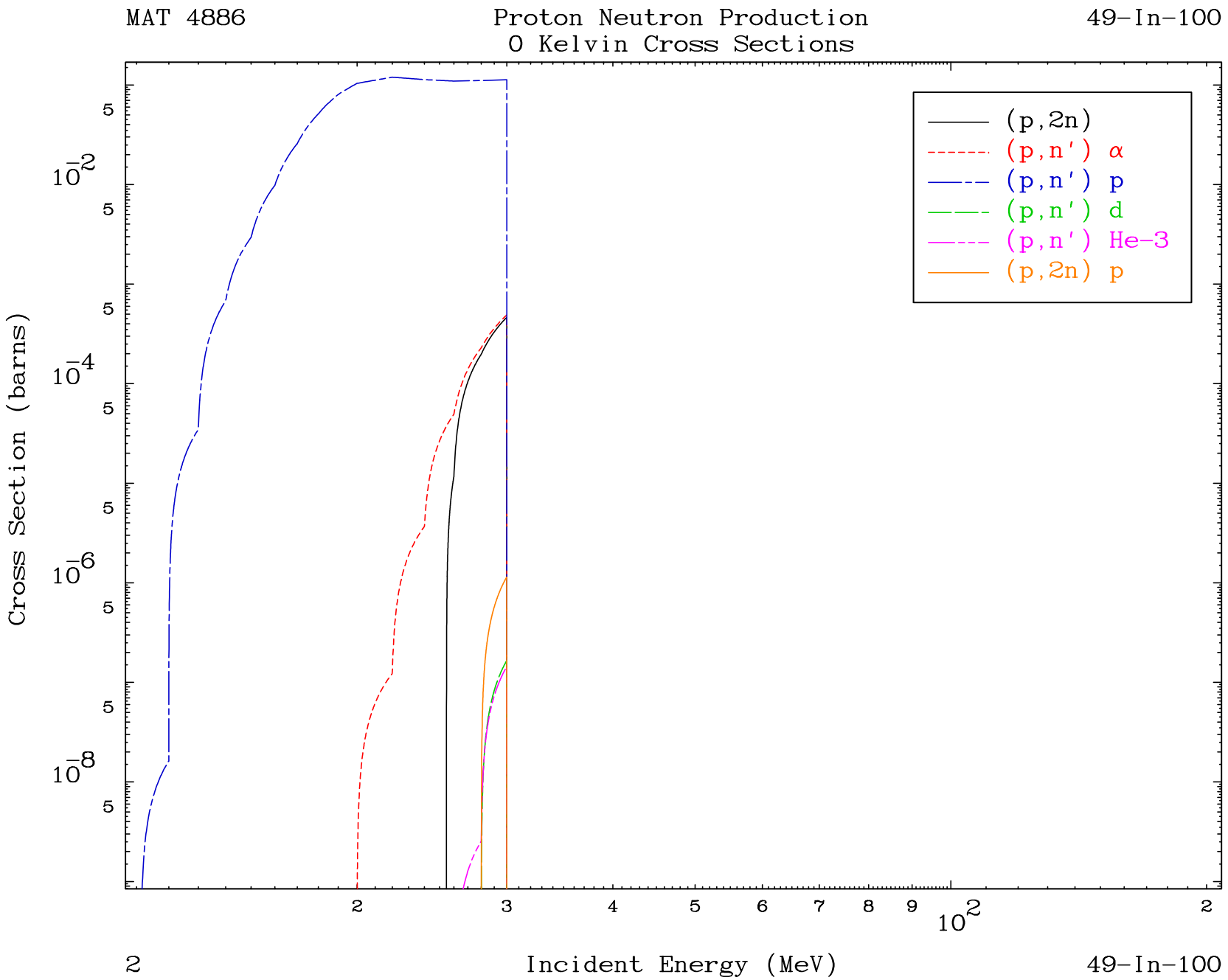
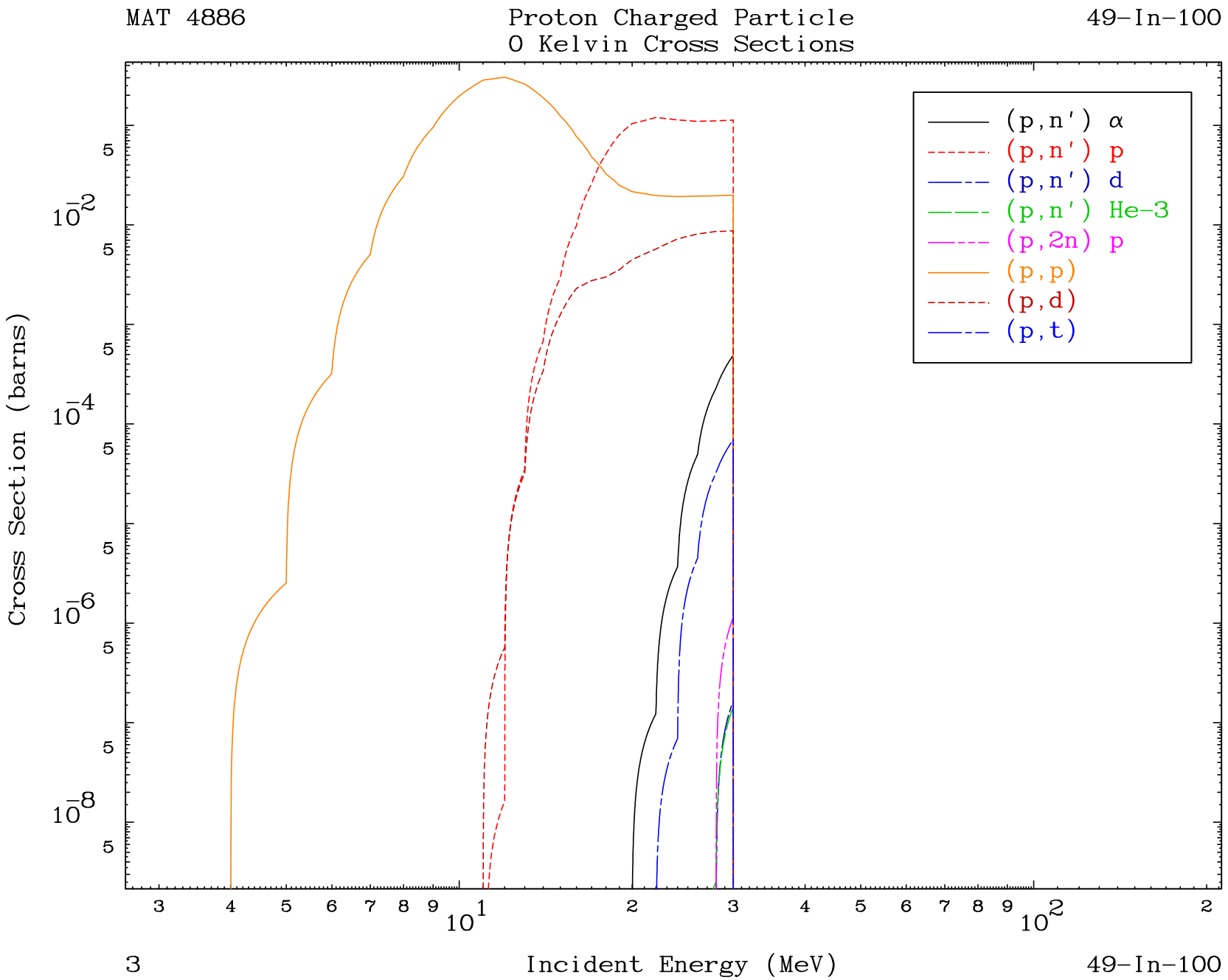
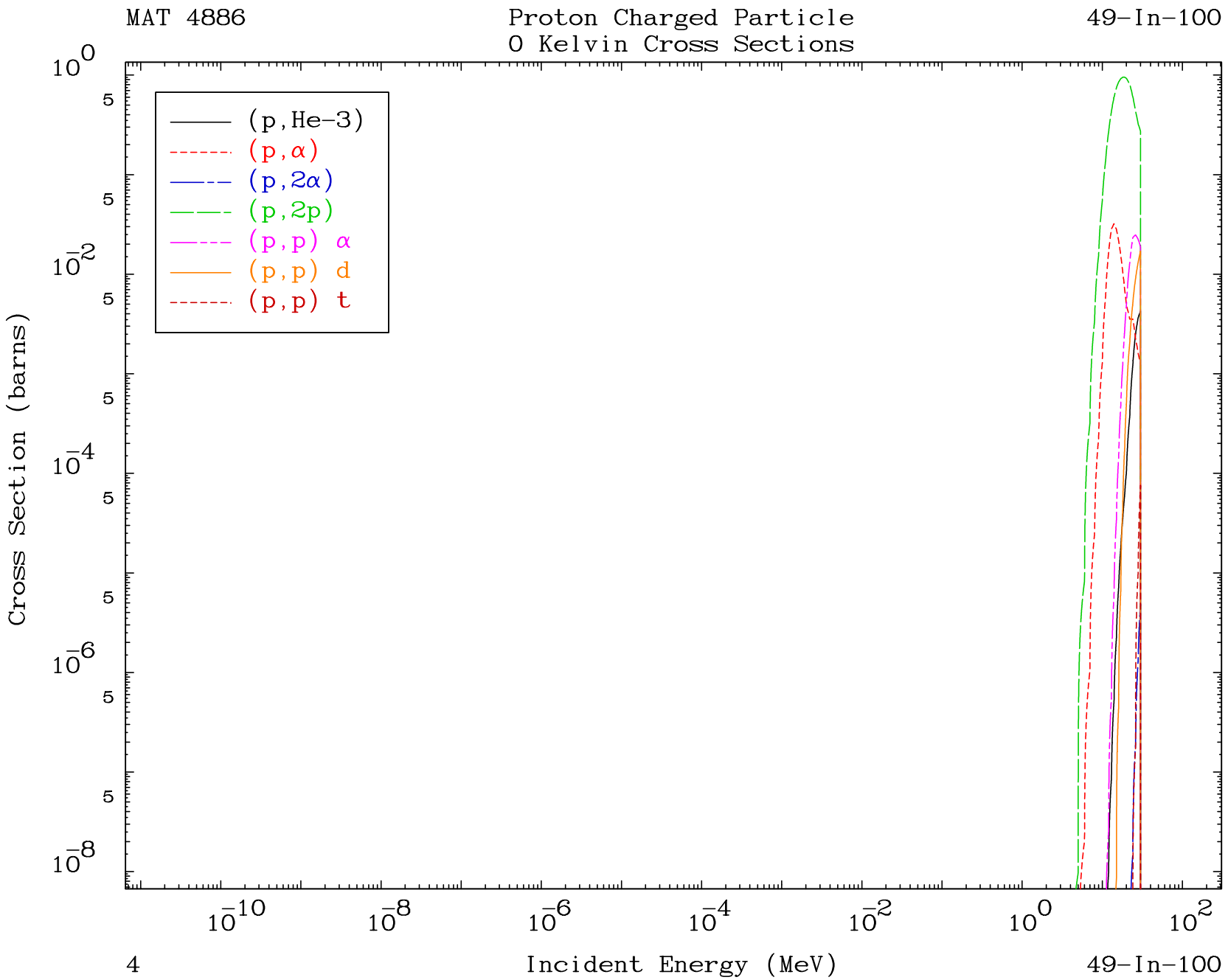
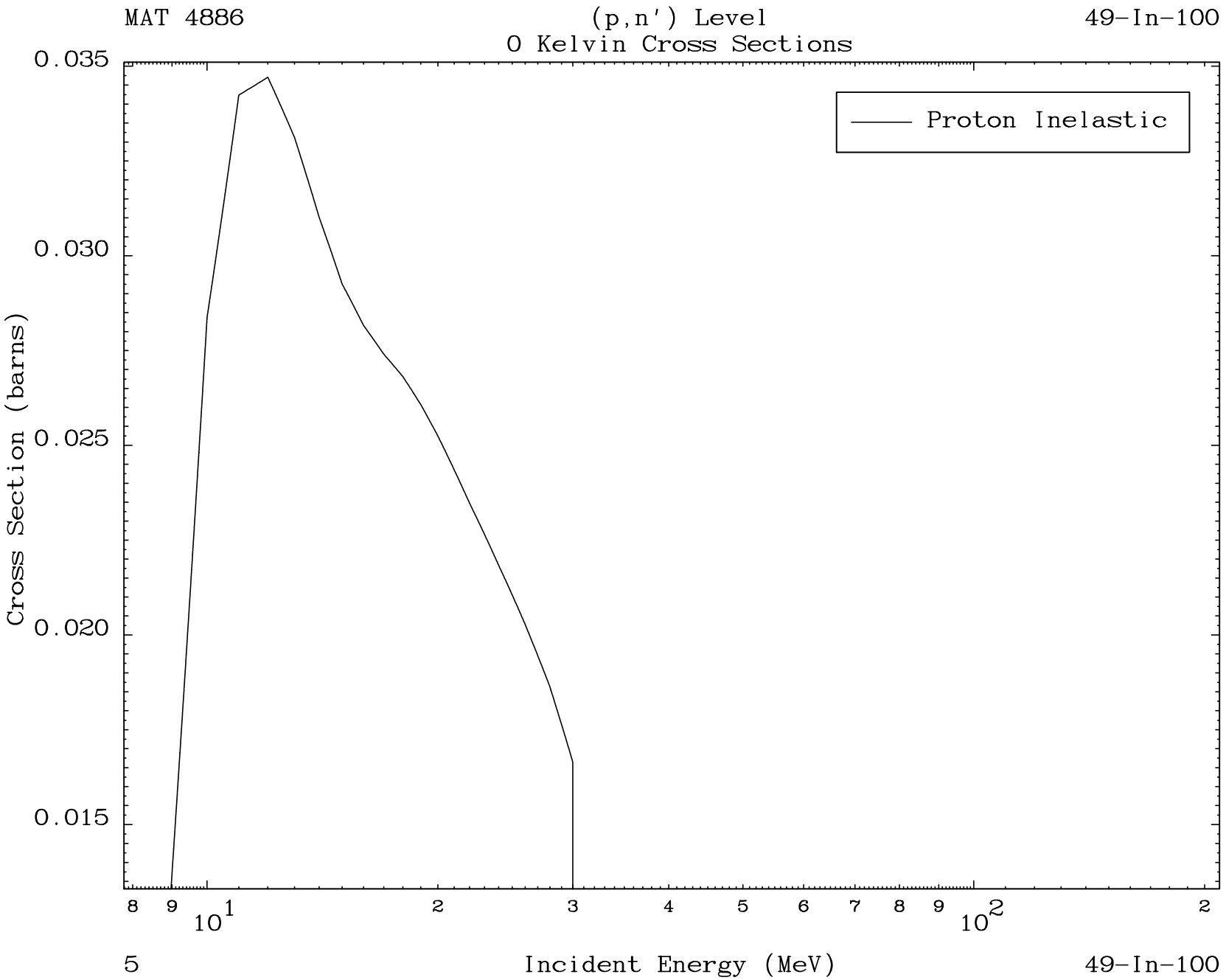
Press Mouse Button to Start

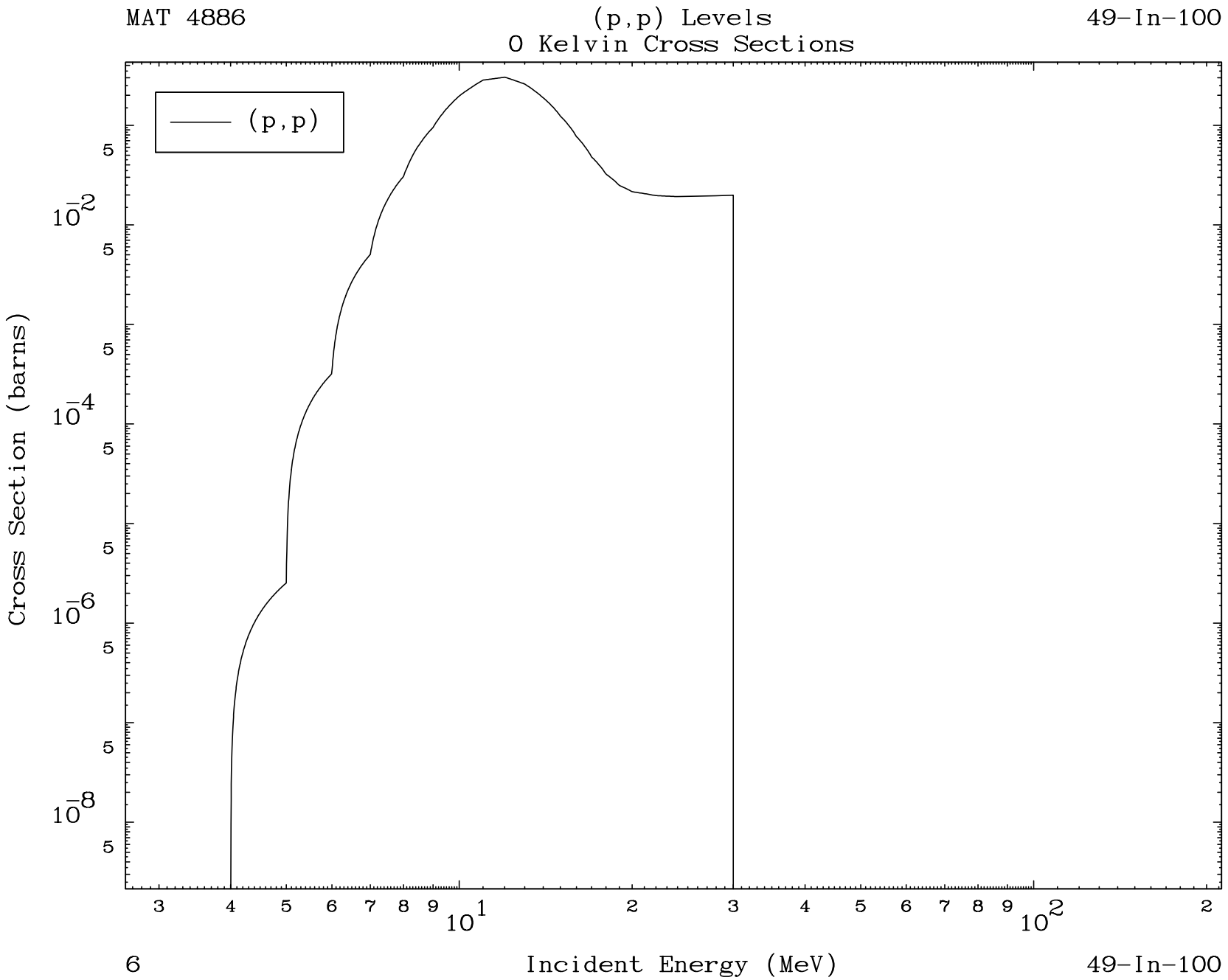

MAT 4886
Proton Major
49-In-100
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
49-In-100

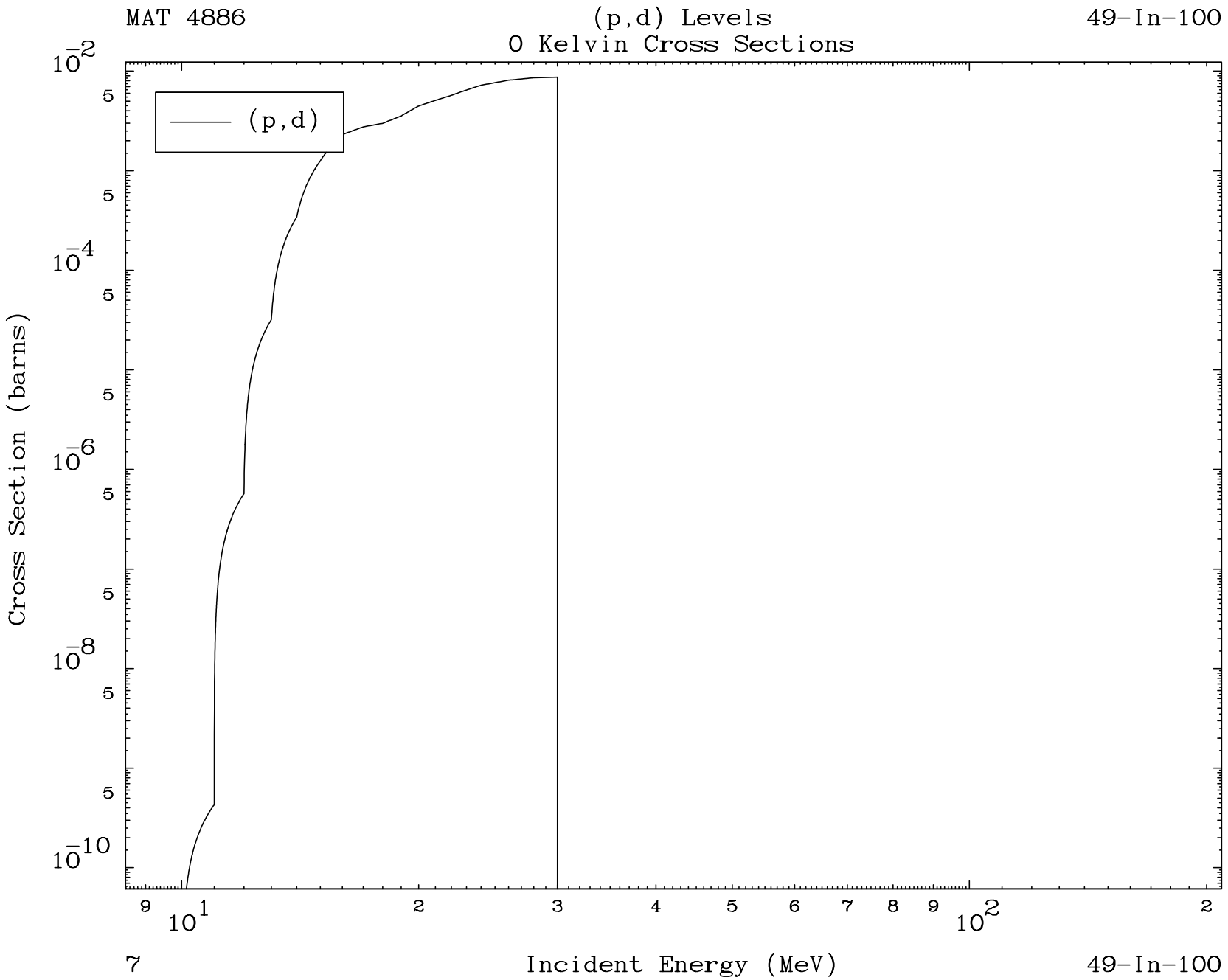

MAT 4886
Proton Neutron Production
0 Kelvin Cross Sections
49-In-100
(p,2n)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
49-In-100

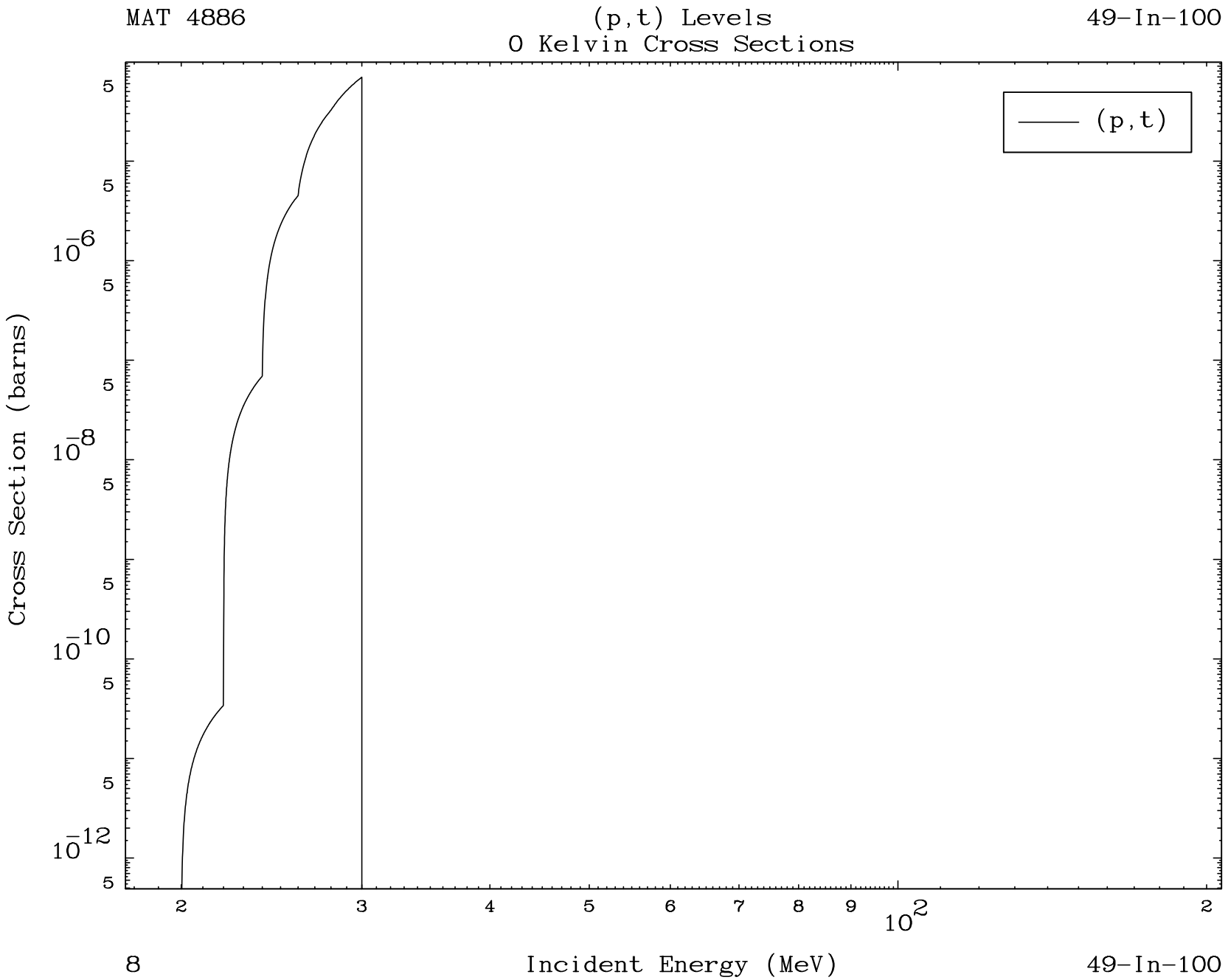

MAT 4886
Proton Charged Particle
0 Kelvin Cross Sections
49-In-100
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
(p,t)
Cross Section (barns)
Incident Energy (MeV)
3
49-In-100

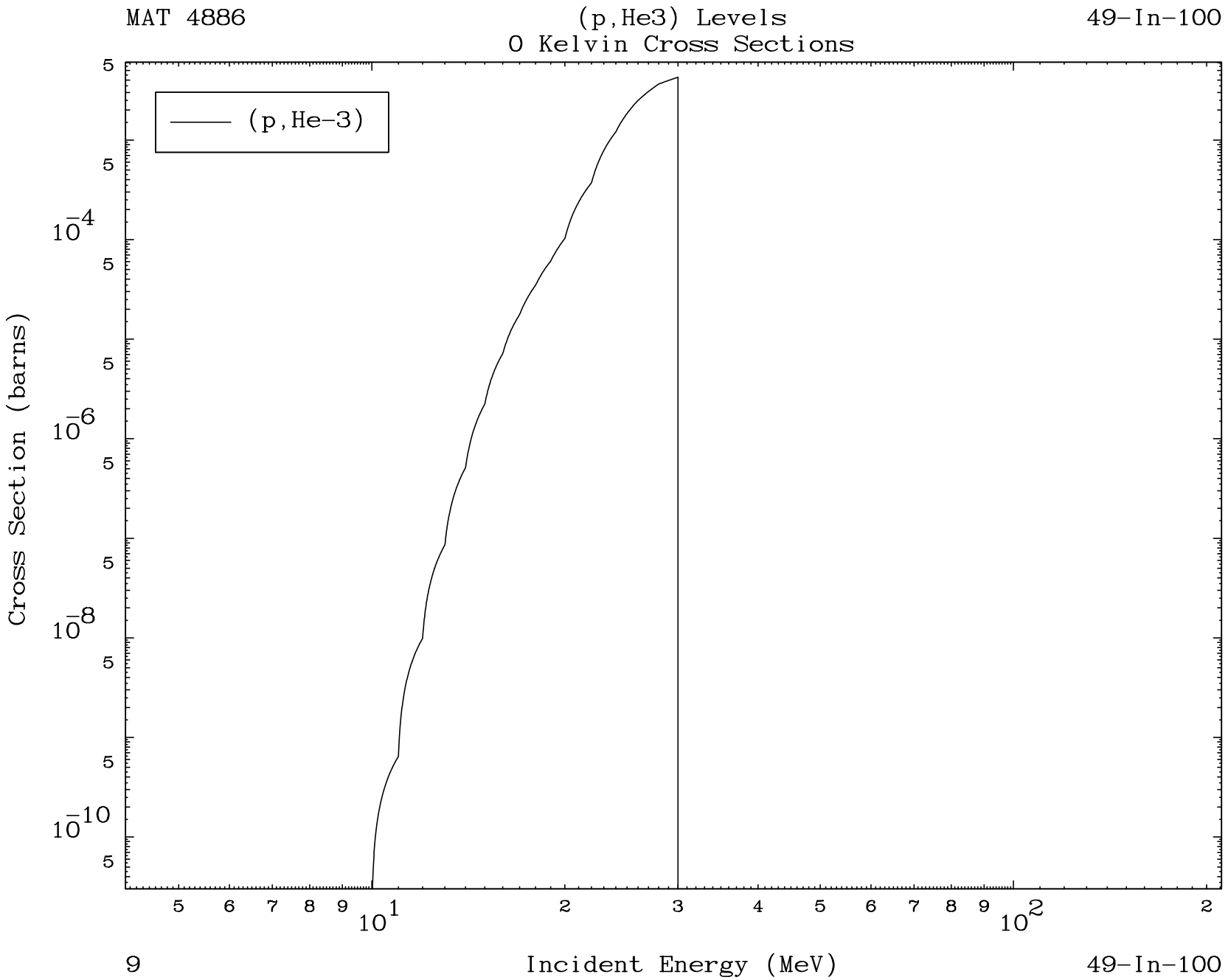

MAT 4886
Proton Charged Particle
0 Kelvin Cross Sections
49-In-100
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
49-In-100

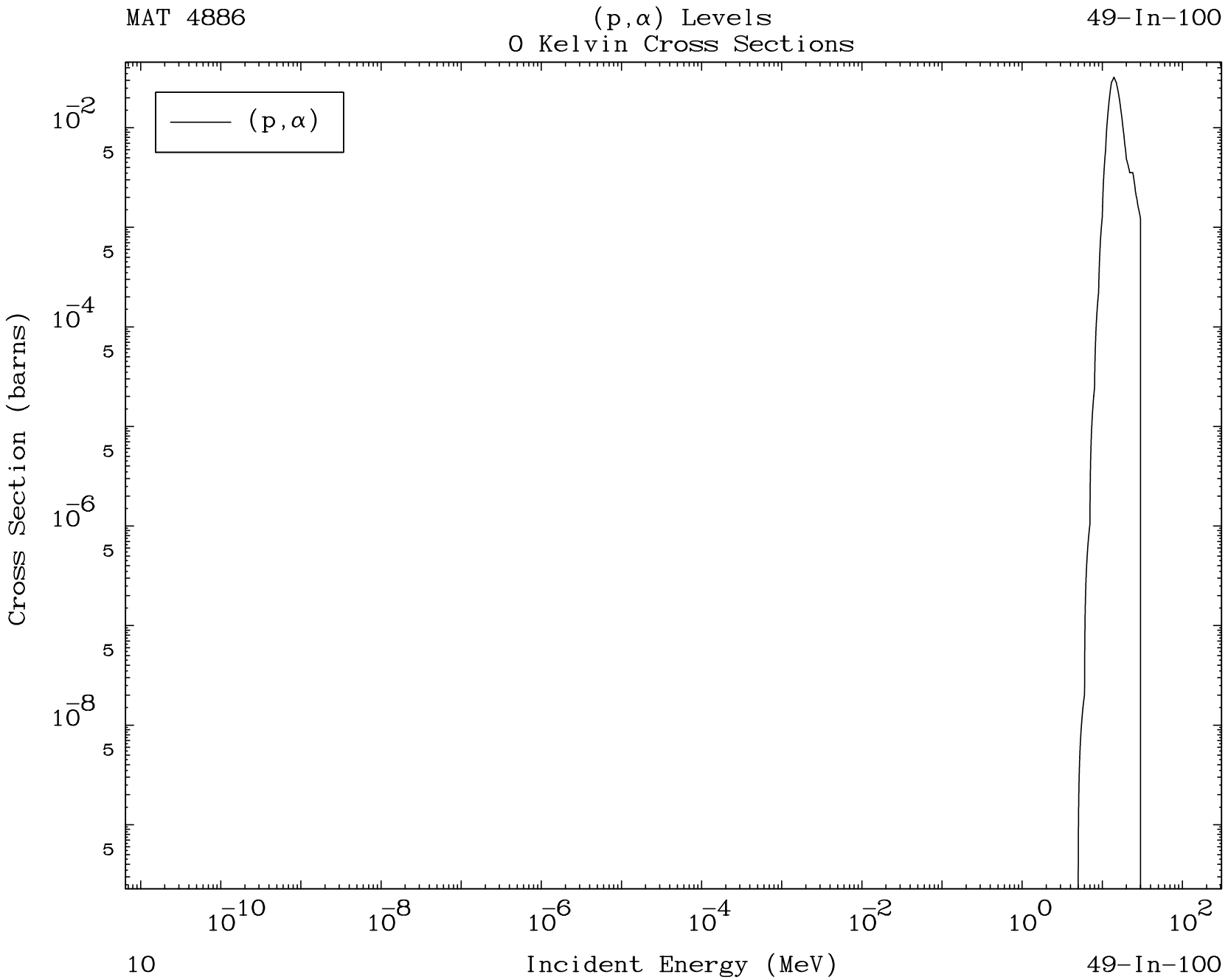

MAT 4886
(p,n') Level
49-In-100
0 Kelvin Cross Sections
0.035
0.030
0.025
0.020
0.015
Cross Section (barns)
Proton Inelastic
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
5
Incident Energy (MeV)
49-In-100

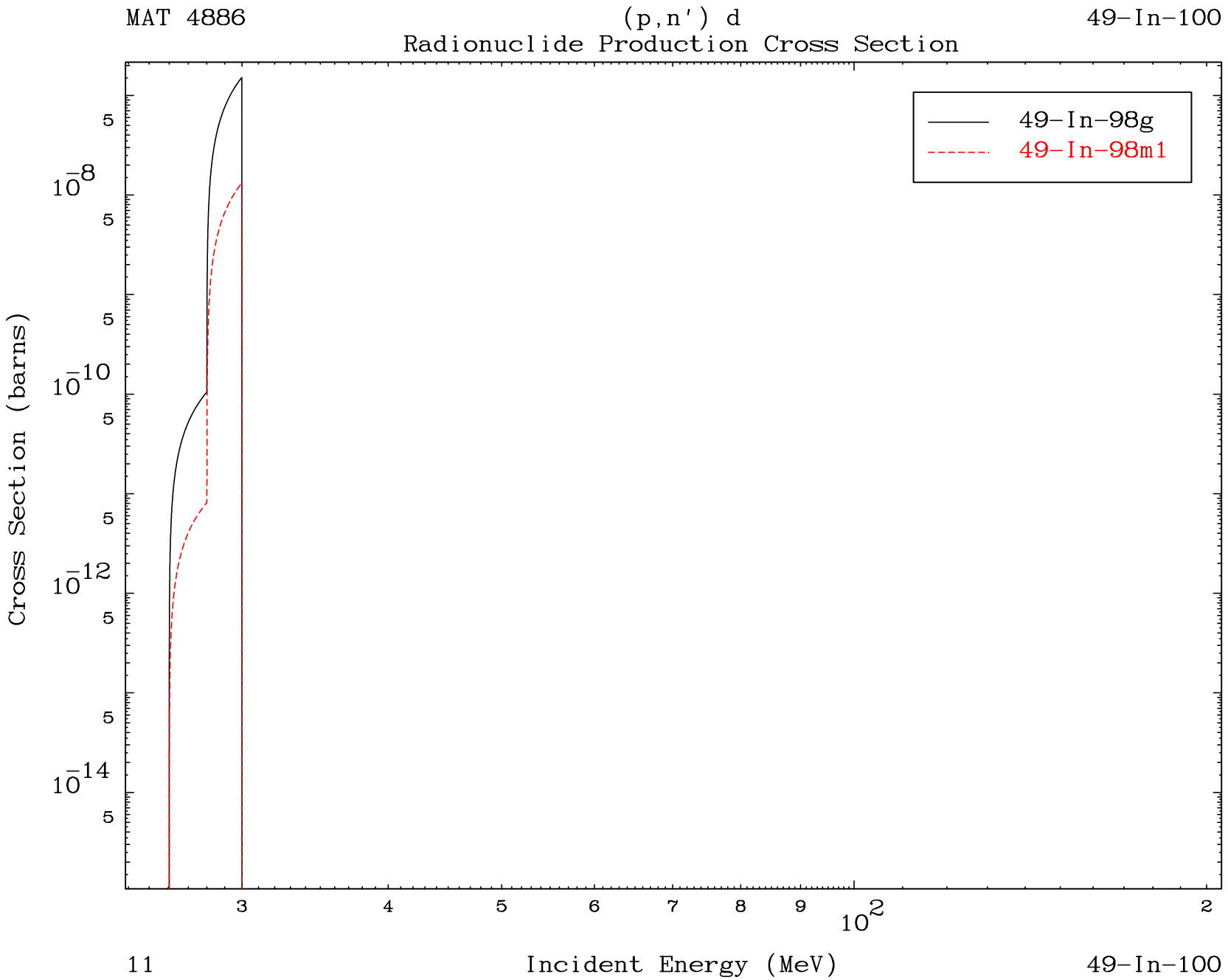

MAT 4886
(p,p) Levels
49-In-100
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
49-In-100

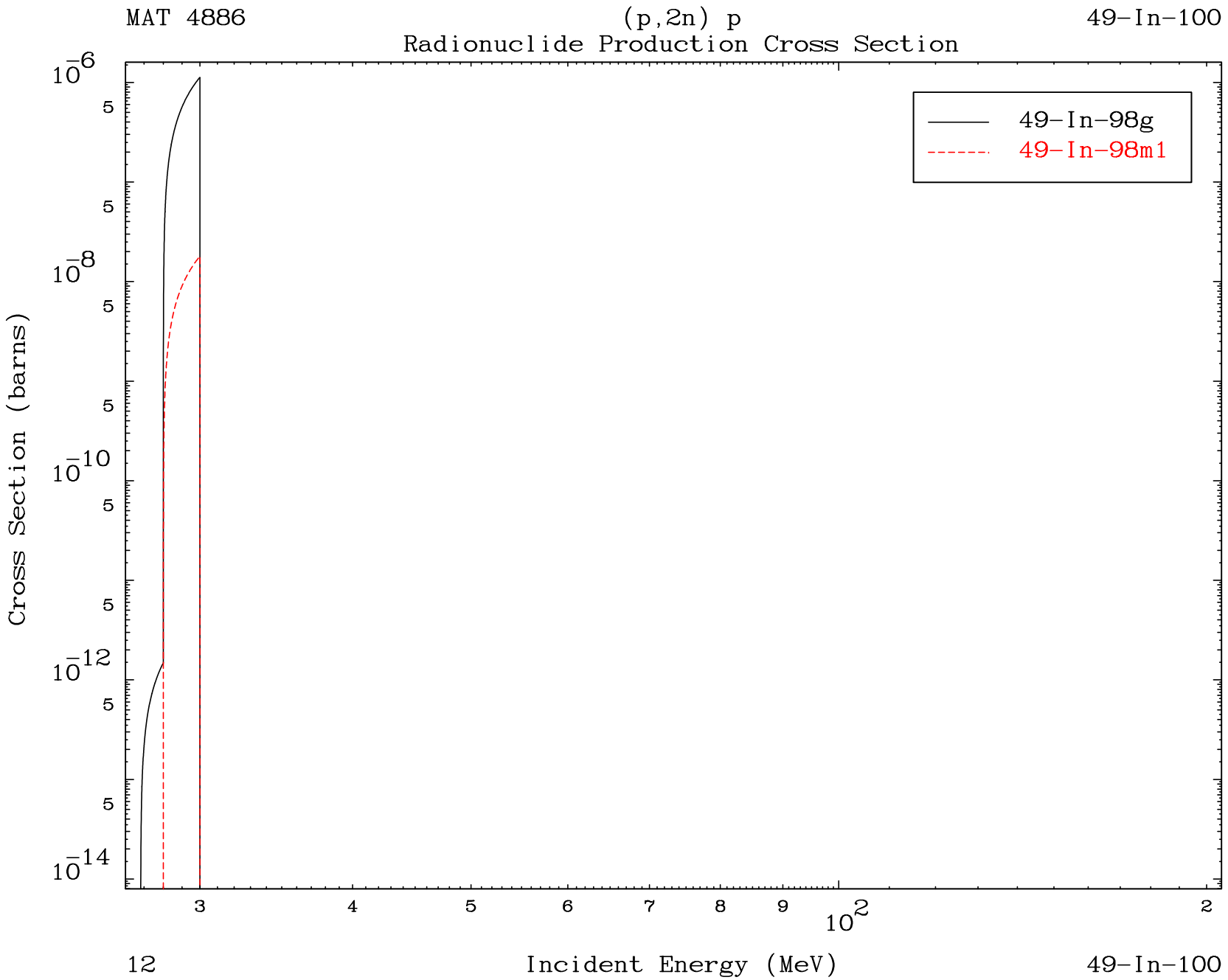

MAT 4886
(p,d) Levels
49-In-100
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-100

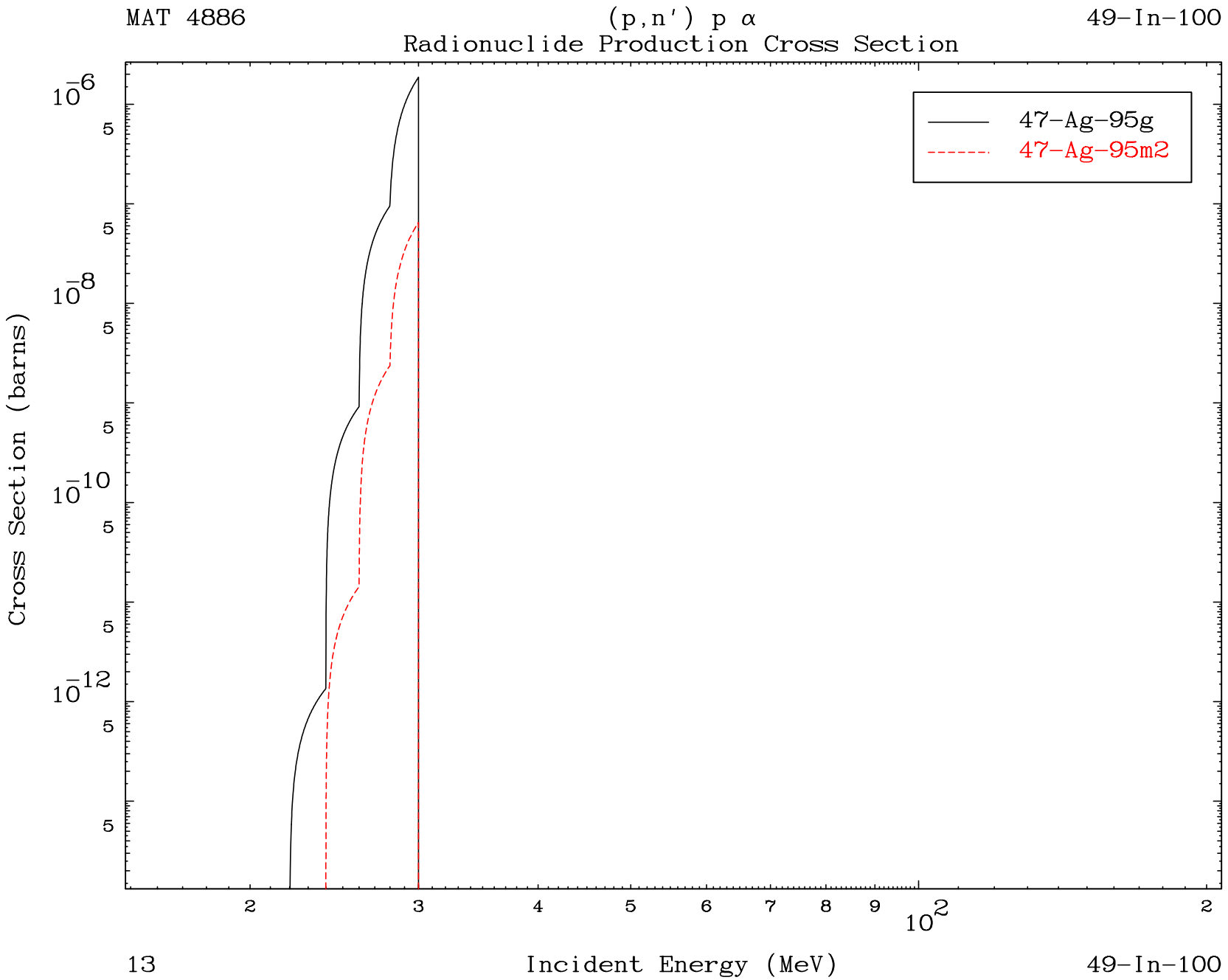

MAT 4886
(p,t) Levels
49-In-100
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-100

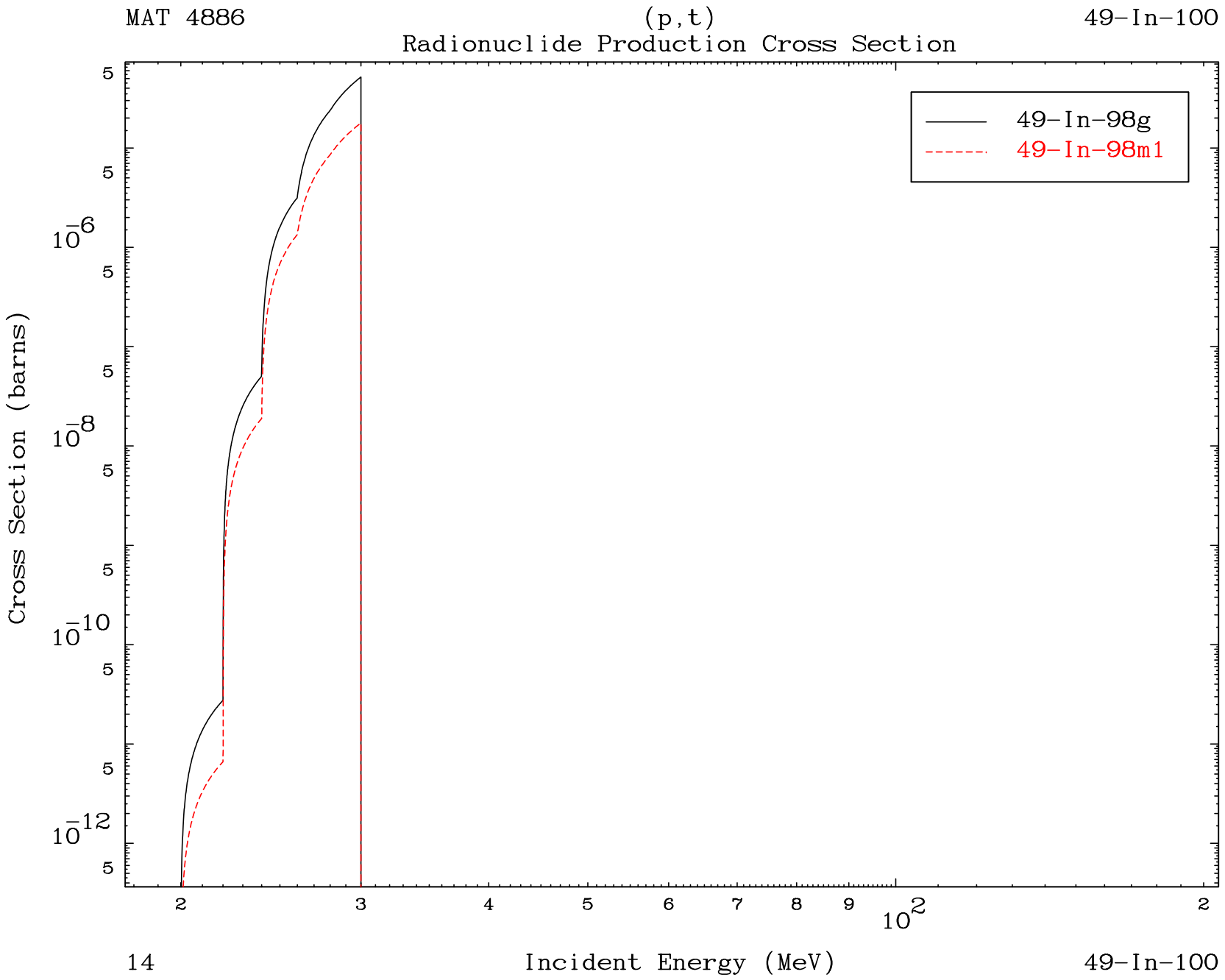

MAT 4886
(p,He3) Levels
49-In-100
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-100

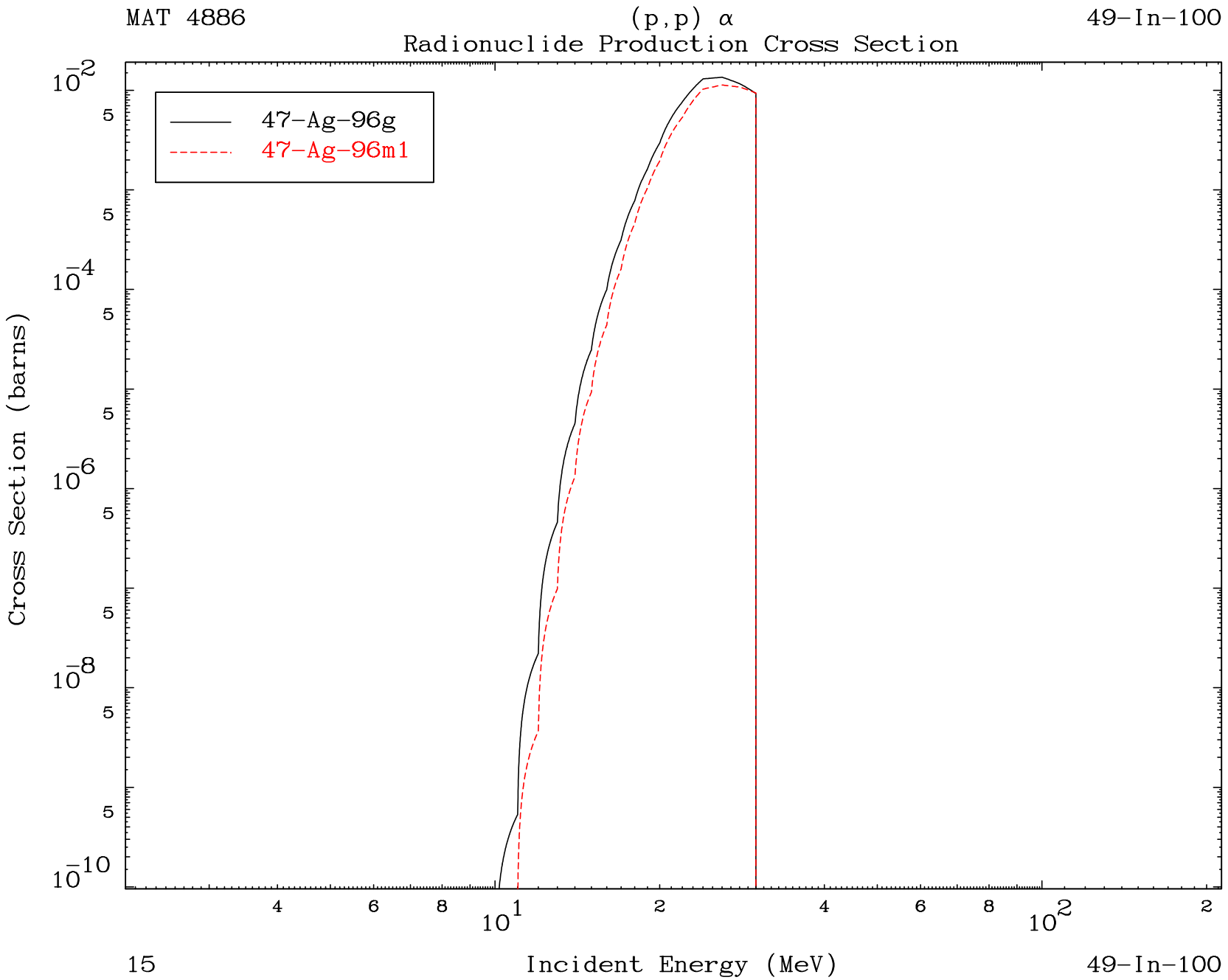

MAT 4886
(p,α) Levels
49-In-100
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
49-In-100

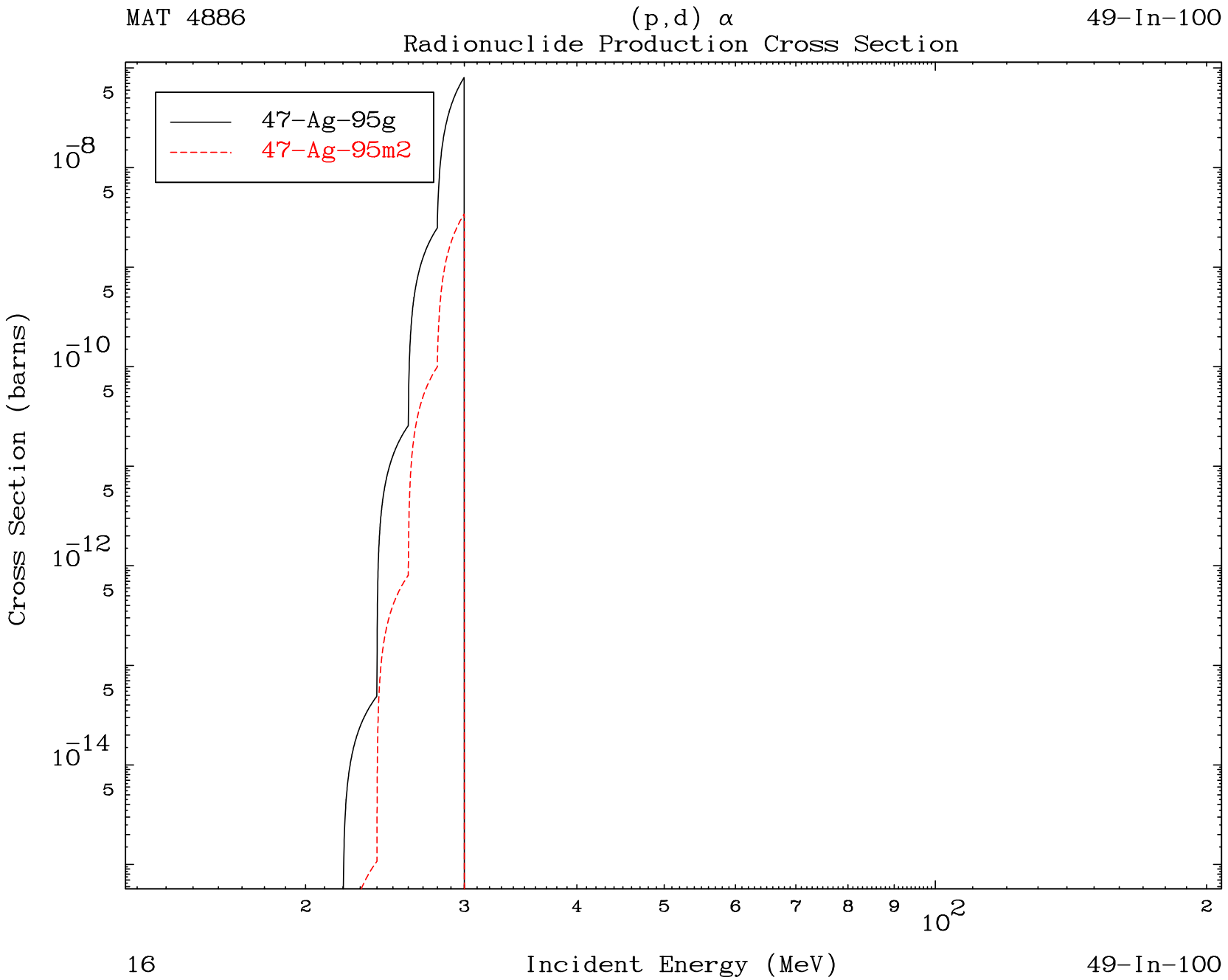

MAT 4886
(p,n') d
49-In-100
Radionuclide Production Cross Section
49-In-98g
49-In-98m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
49-In-100


MAT 4886
(p,2n) p
49-In-100
Radionuclide Production Cross Section
49-In-98g
49-In-98m1
Cross Section (barns)
Incident Energy (MeV)
12
49-In-100


MAT 4886
(p,n') p α
49-In-100
Radionuclide Production Cross Section
47-Ag-95g
47-Ag-95m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
49-In-100


MAT 4886
(p,t)
49-In-100
Radionuclide Production Cross Section
49-In-98g
49-In-98m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
49-In-100


MAT 4886
(p,p) α
49-In-100
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
Incident Energy (MeV)
15
49-In-100


MAT 4886
(p,d) α
49-In-100
Radionuclide Production Cross Section
47-Ag-95g
47-Ag-95m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
49-In-100