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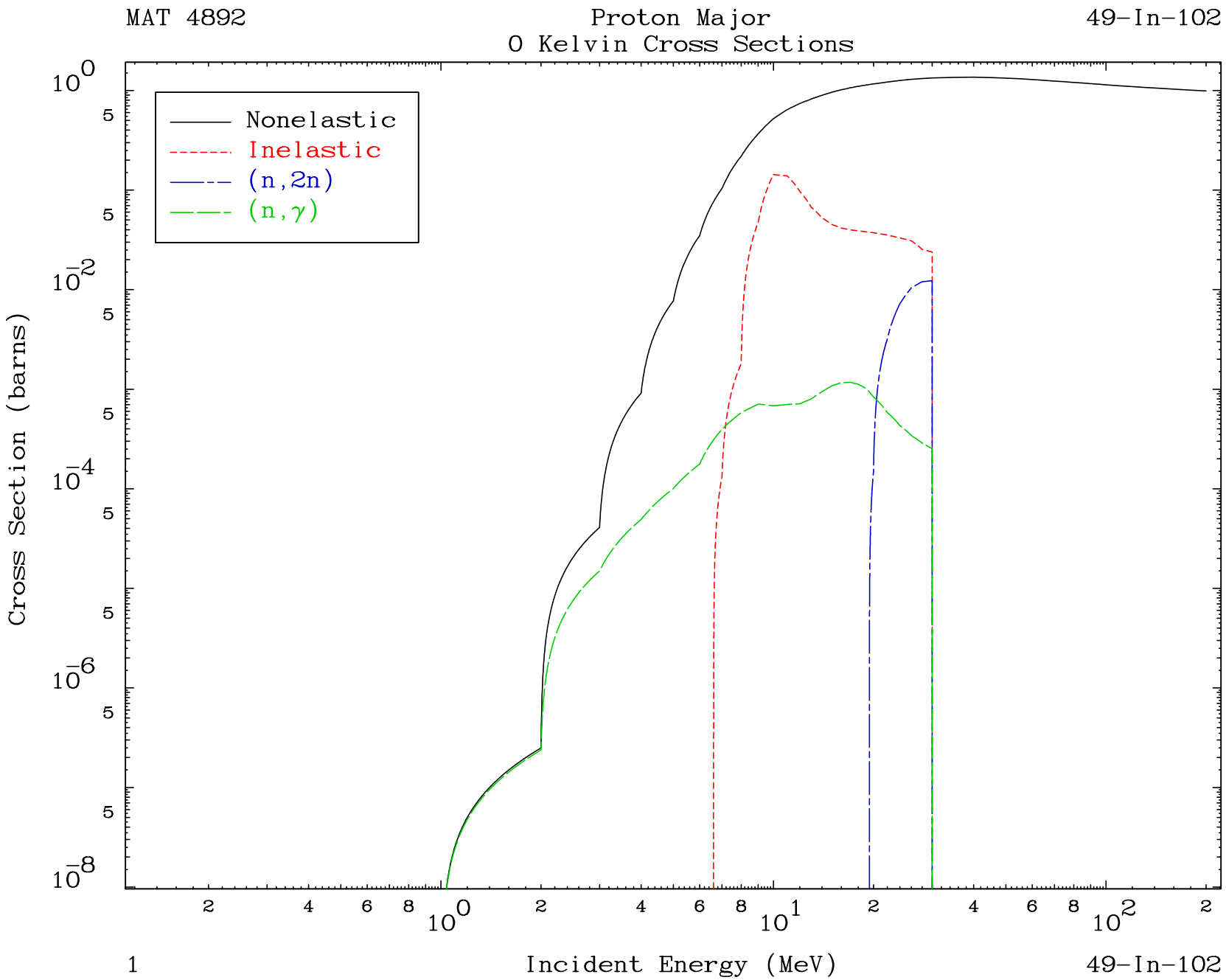
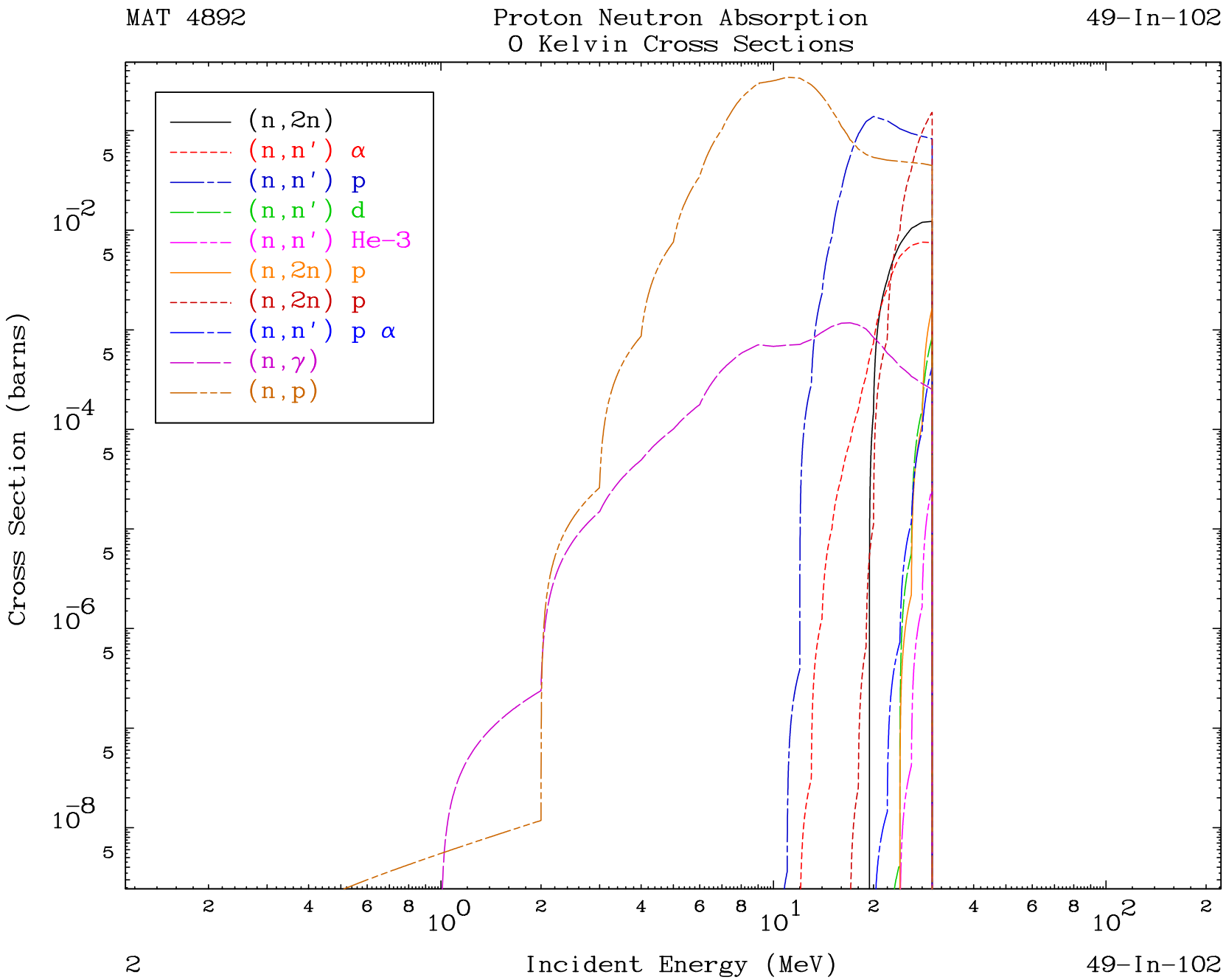
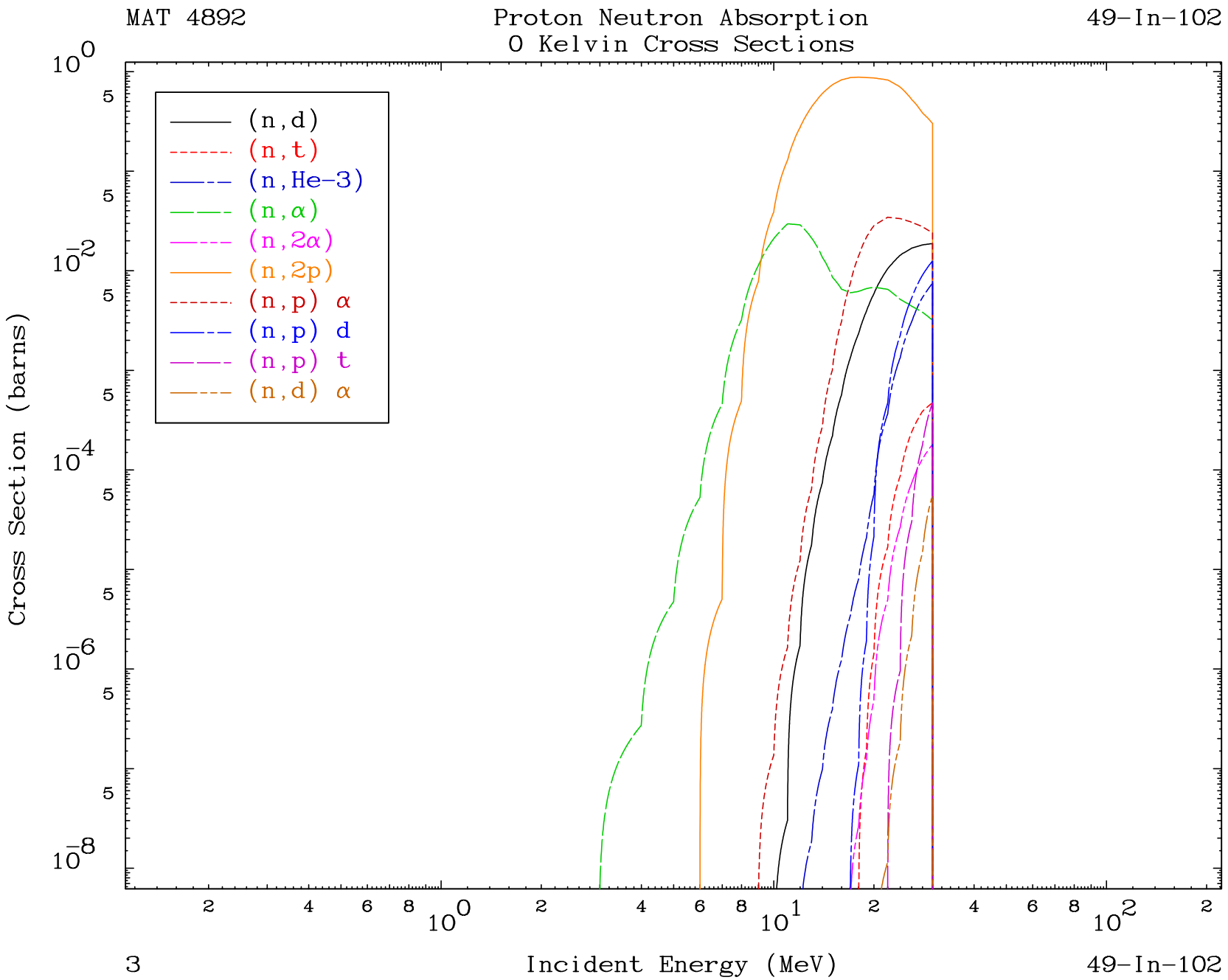
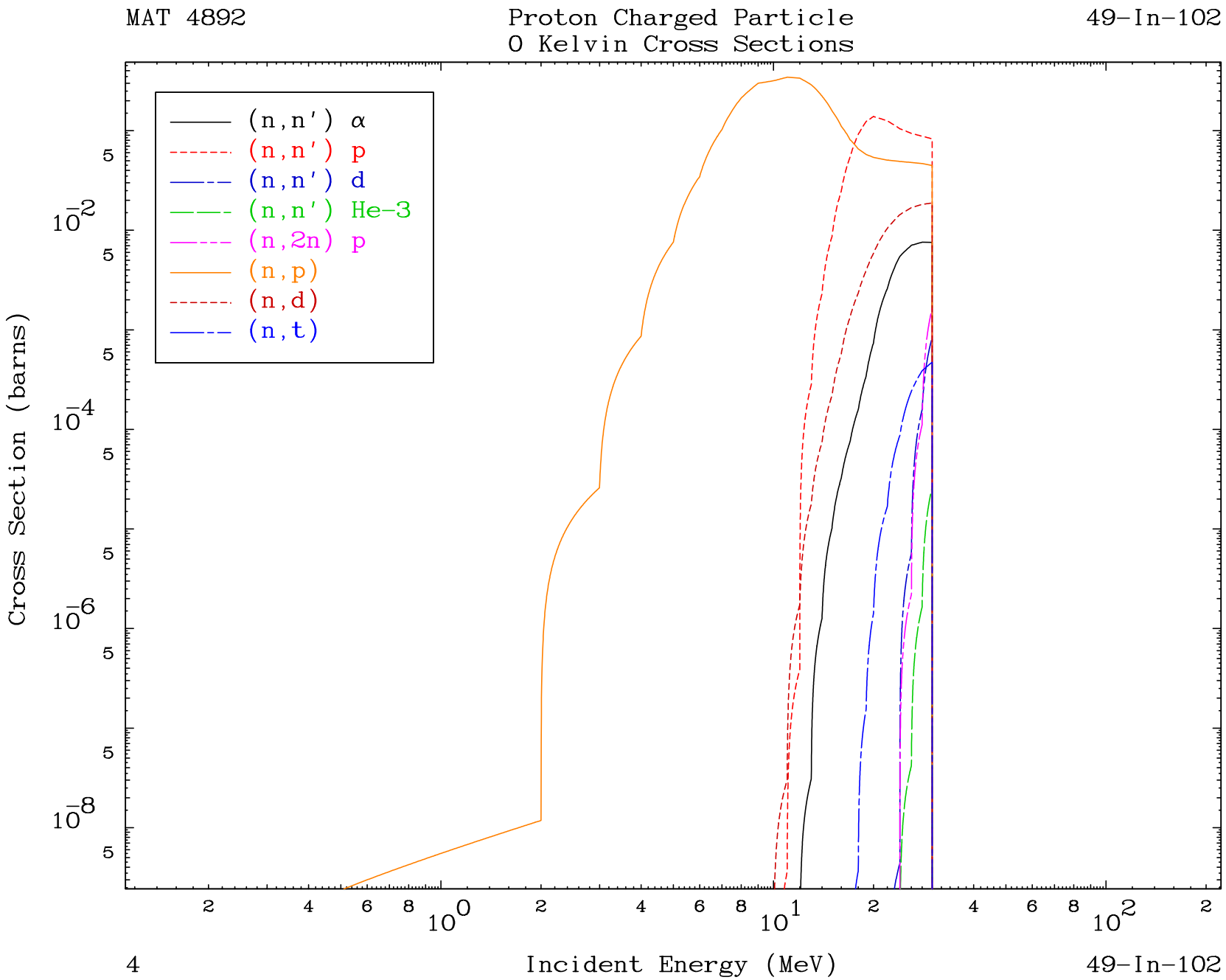
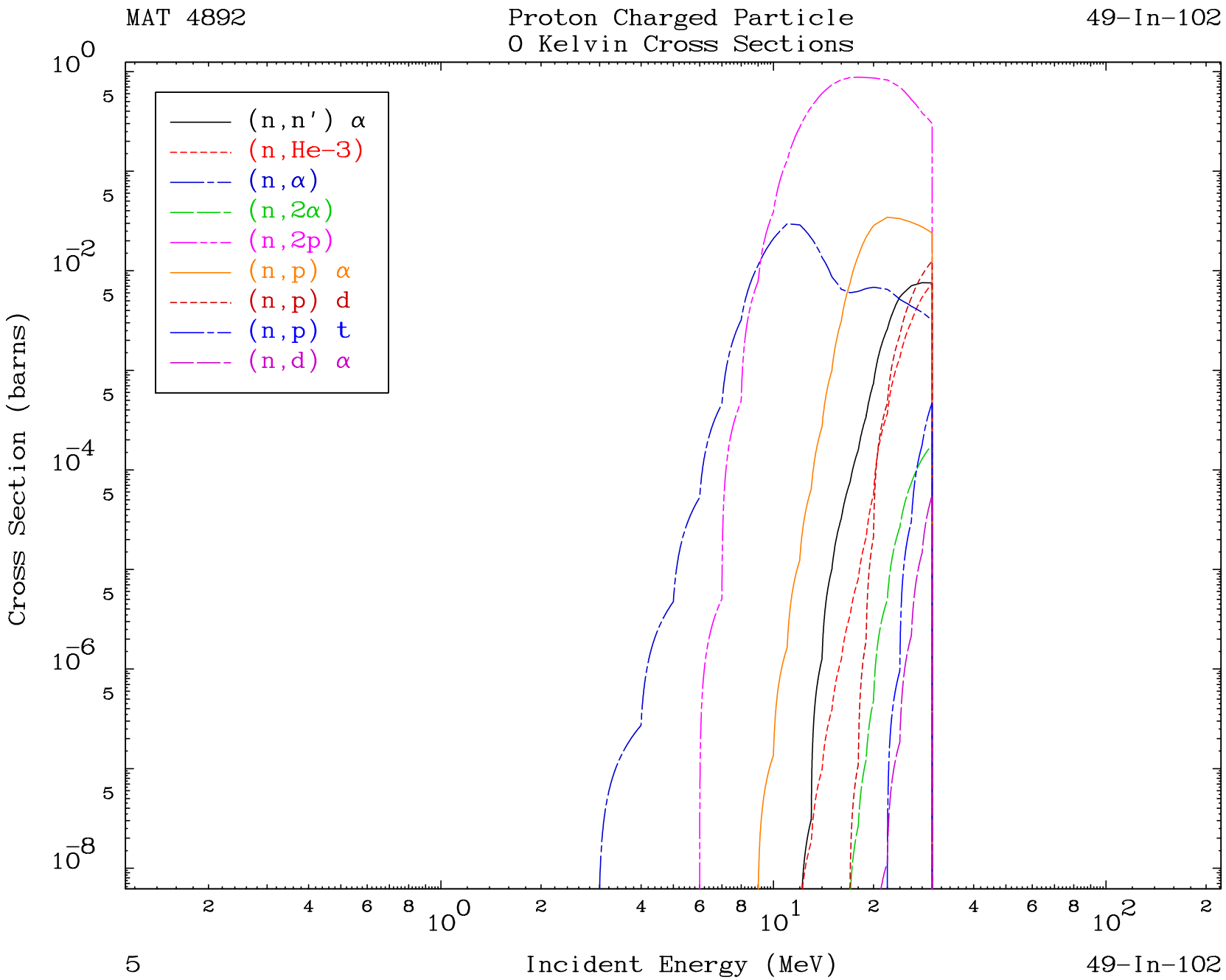
Press Mouse Button to Start

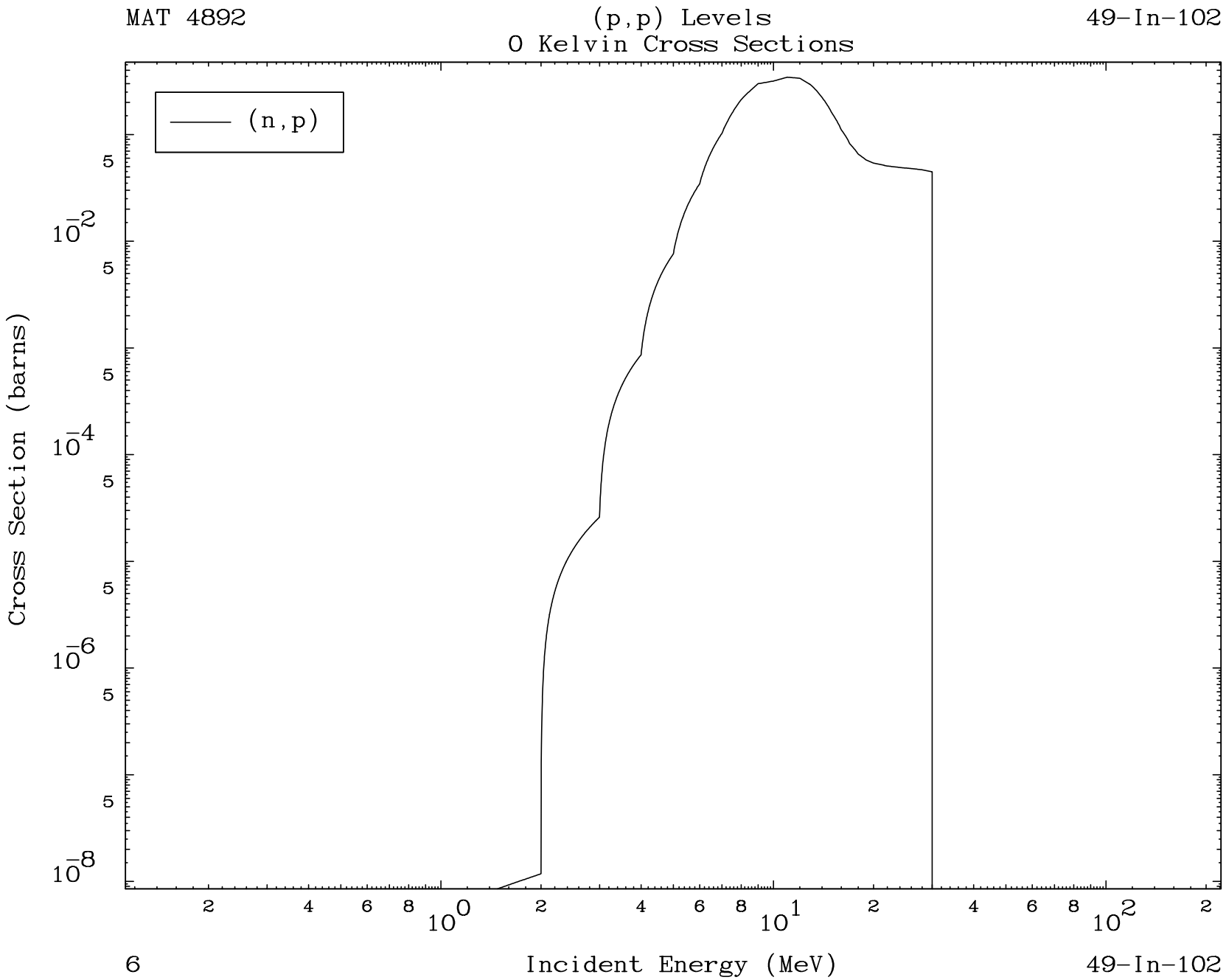

MAT 4892
Proton Major
49-In-102
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-102
1

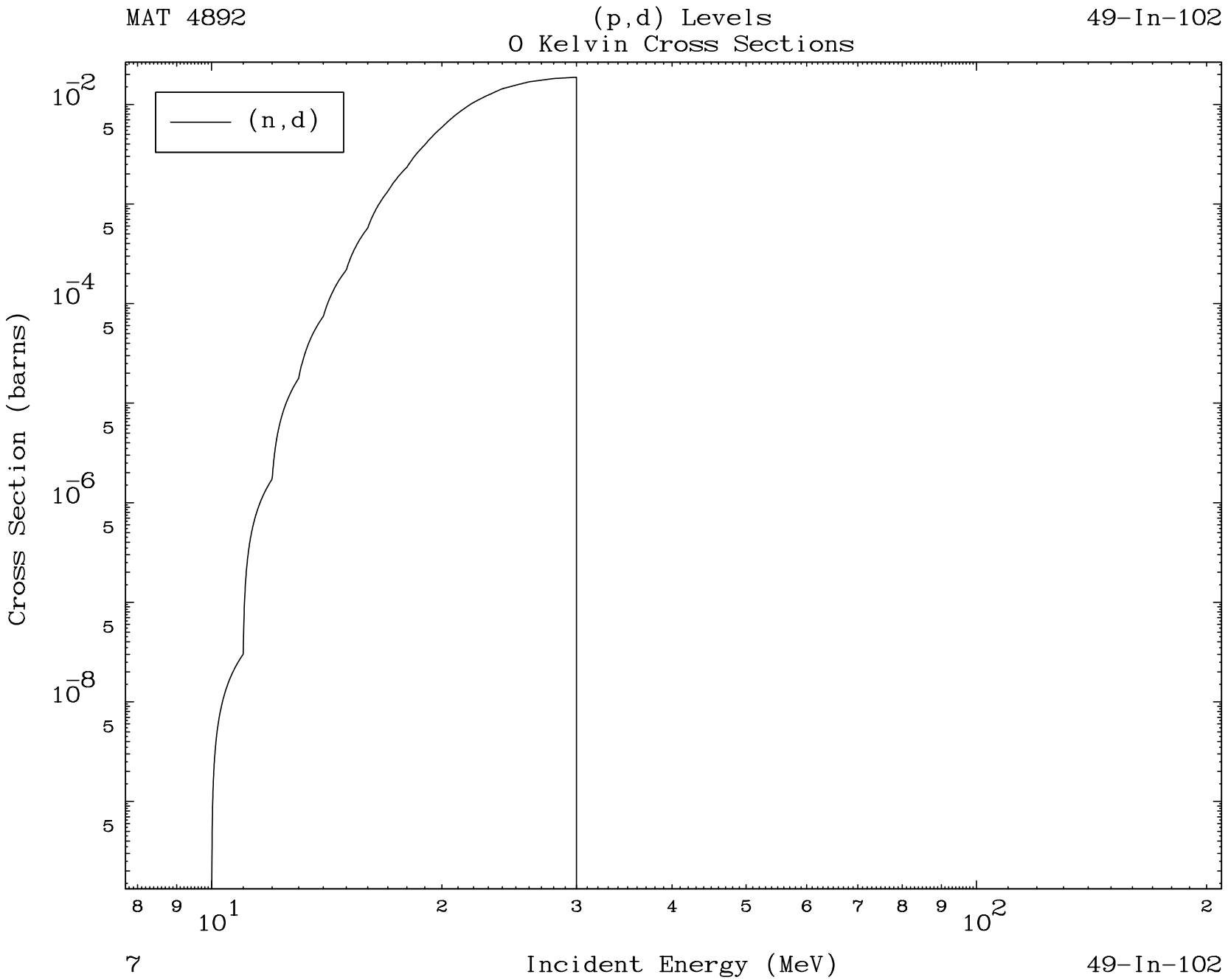

MAT 4892
Proton Neutron Absorption
0 Kelvin Cross Sections
49-In-102
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
49-In-102

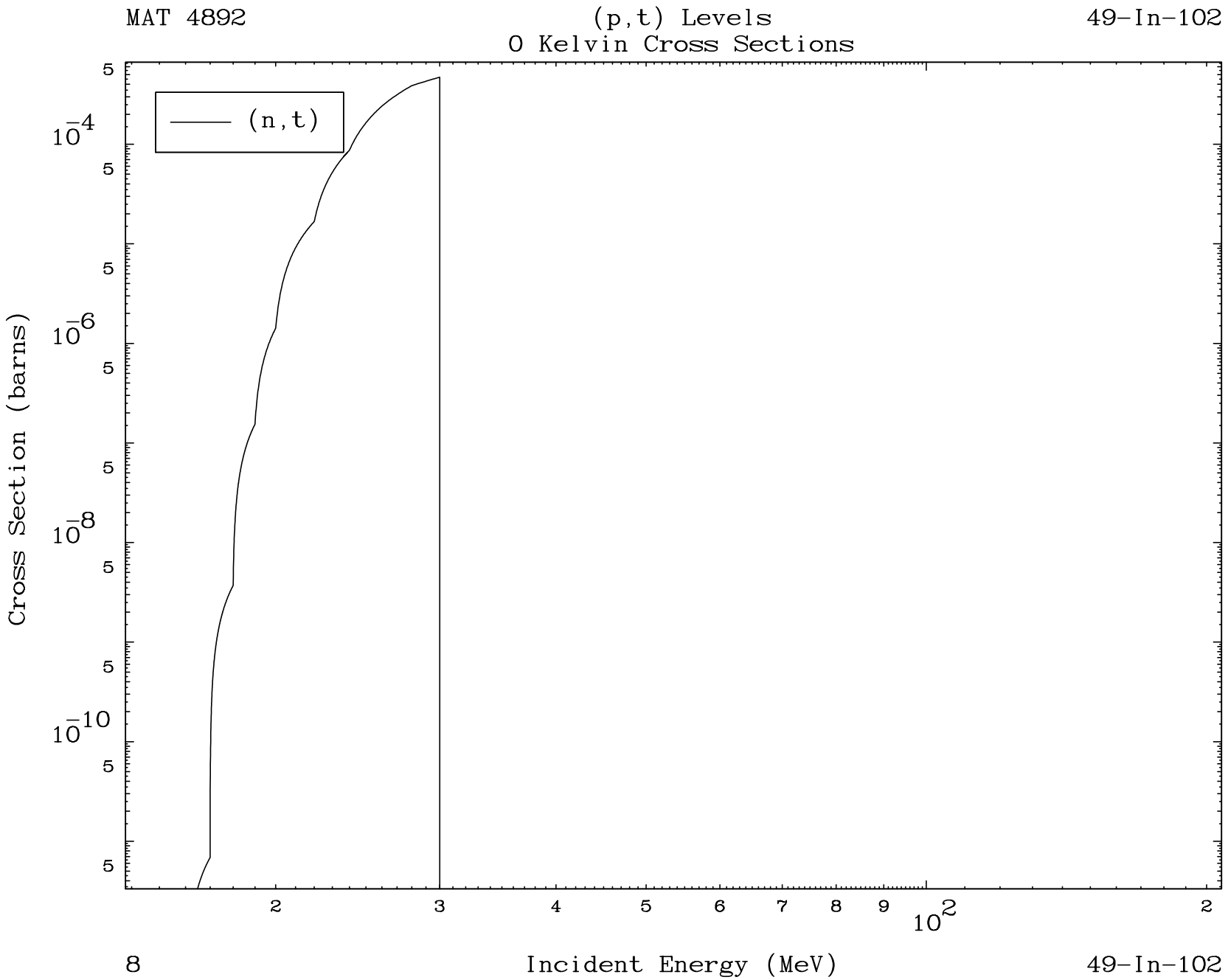

MAT 4892
Proton Neutron Absorption
0 Kelvin Cross Sections
49-In-102
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-102

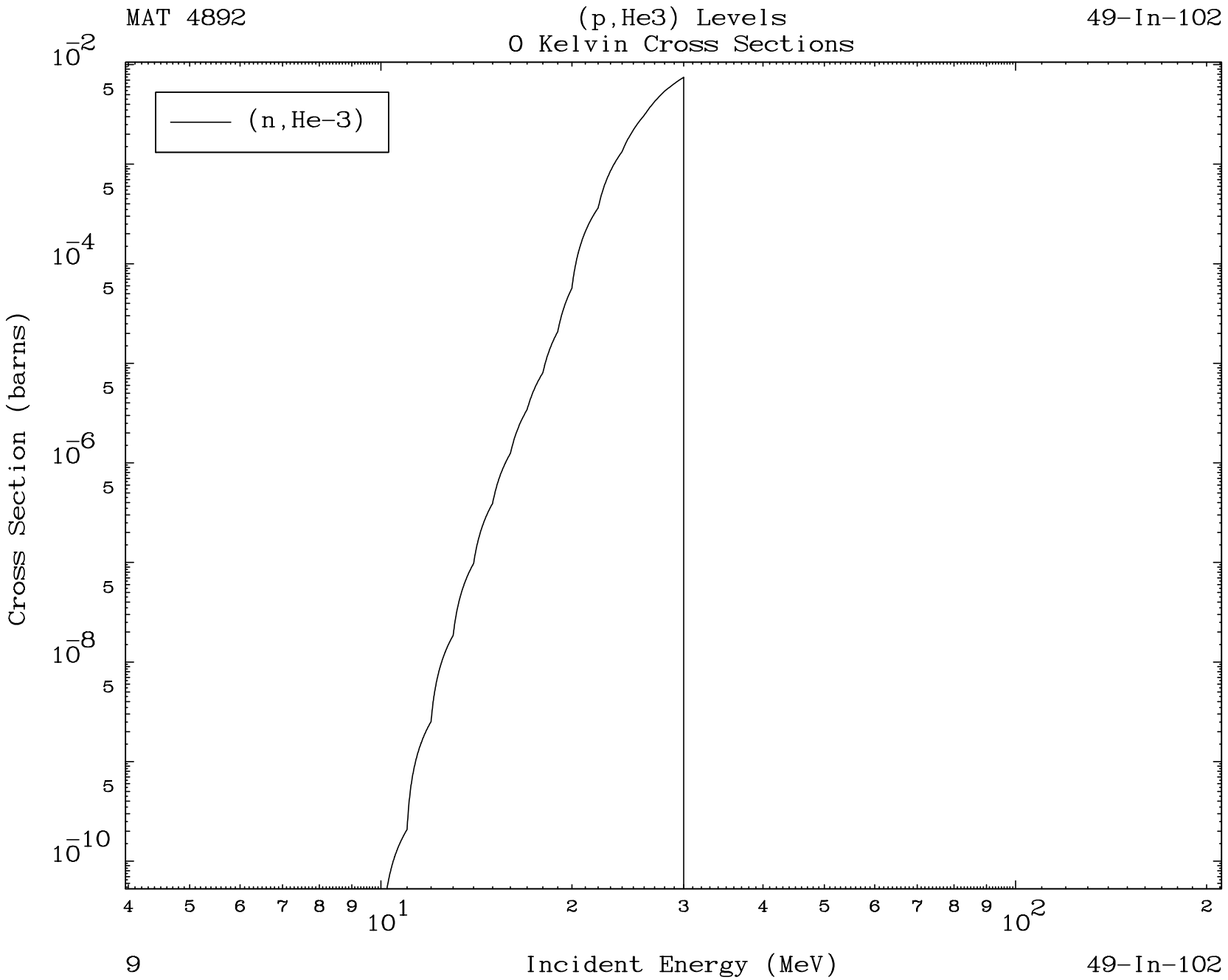

MAT 4892
Proton Charged Particle
0 Kelvin Cross Sections
49-In-102
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
4
49-In-102

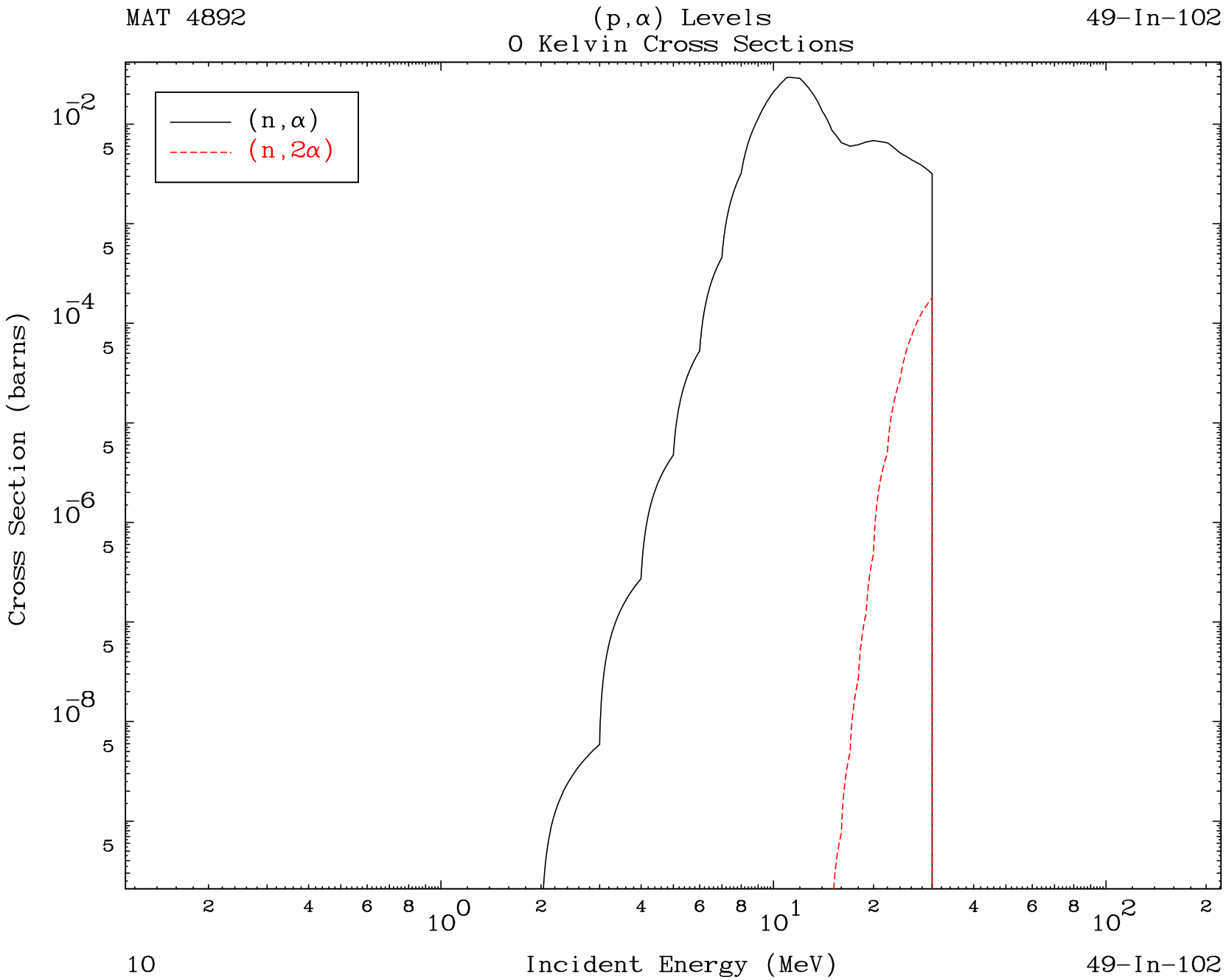

MAT 4892
Proton Charged Particle
0 Kelvin Cross Sections
49-In-102
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
49-In-102
5

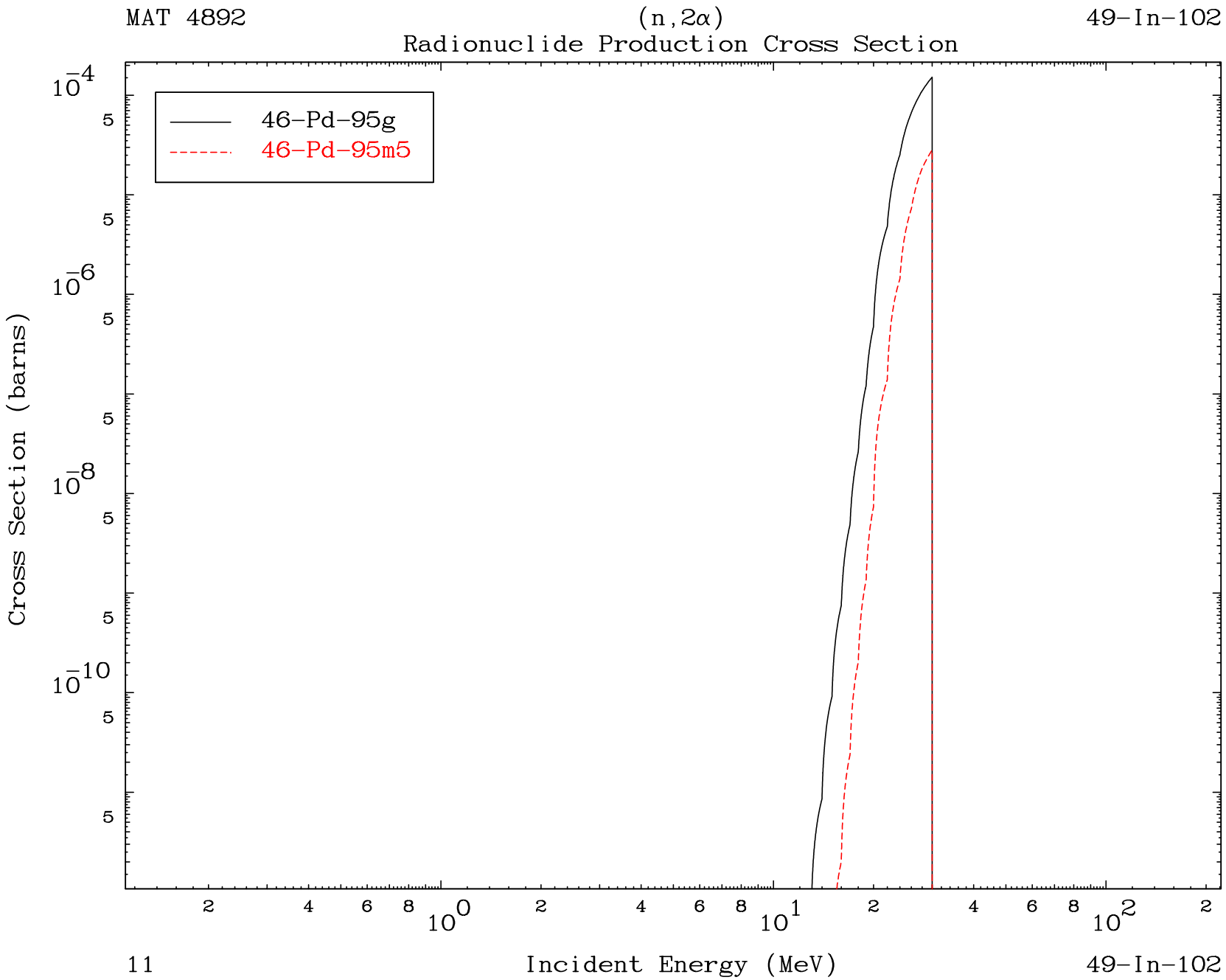

MAT 4892
(p,p) Levels
49-In-102
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
49-In-102


MAT 4892
(p,d) Levels
49-In-102
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
49-In-102


MAT 4892
(p,t) Levels
49-In-102
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
49-In-102


MAT 4892
(p,He3) Levels
49-In-102
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
49-In-102
9


MAT 4892
(p,α) Levels
49-In-102
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
49-In-102
10


MAT 4892
(n,2α)
49-In-102
Radionuclide Production Cross Section
46-Pd-95g
46-Pd-95m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
49-In-102