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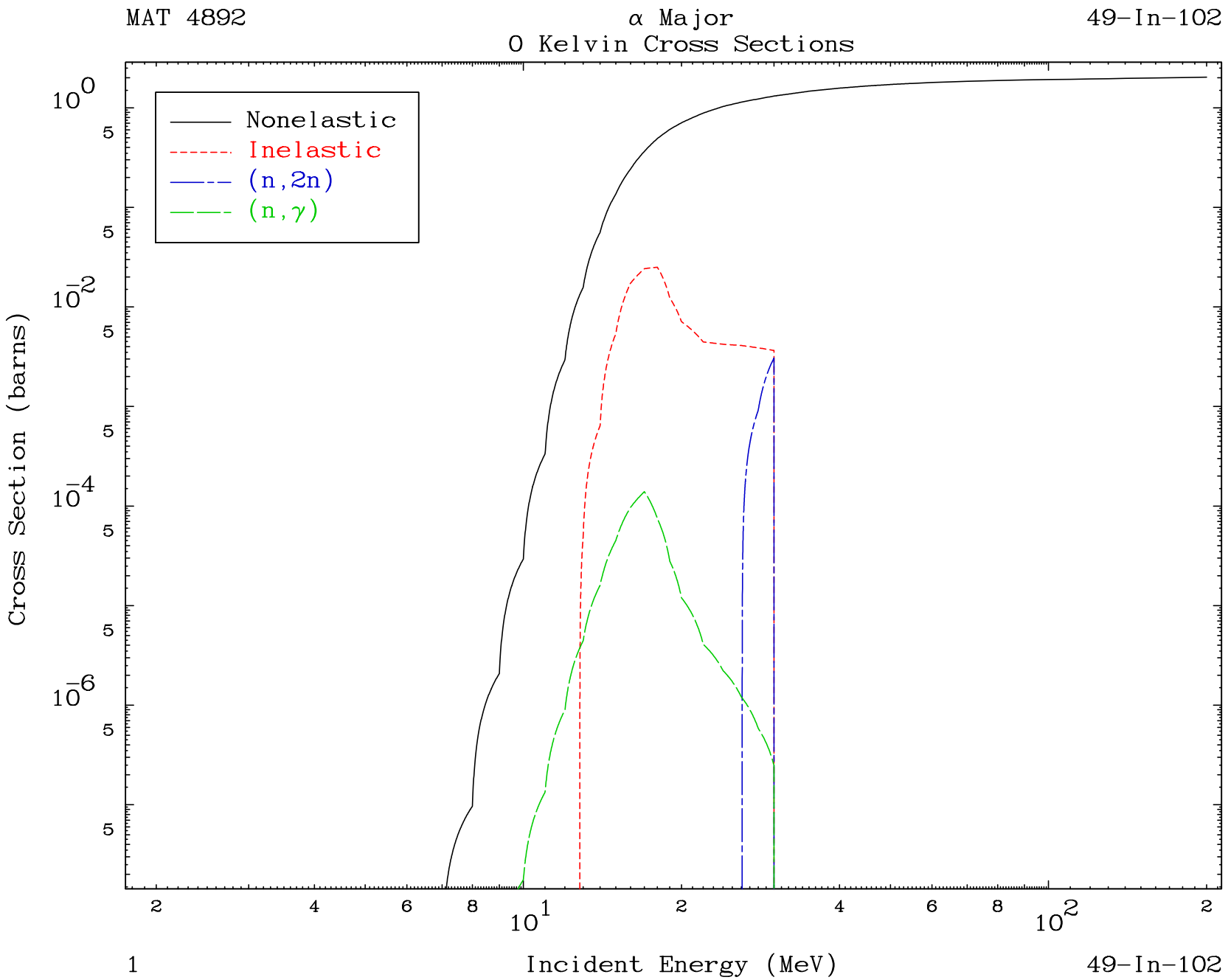
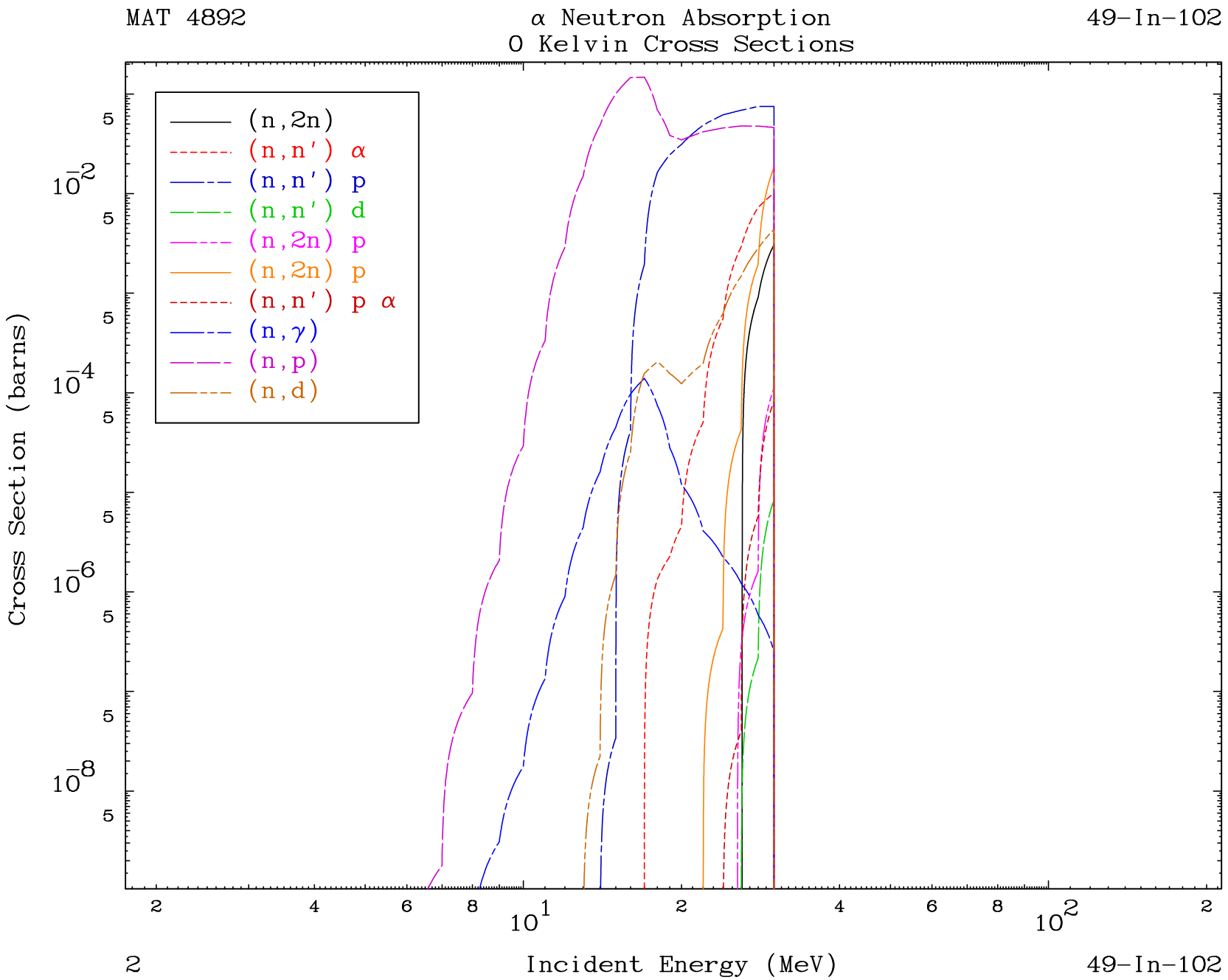
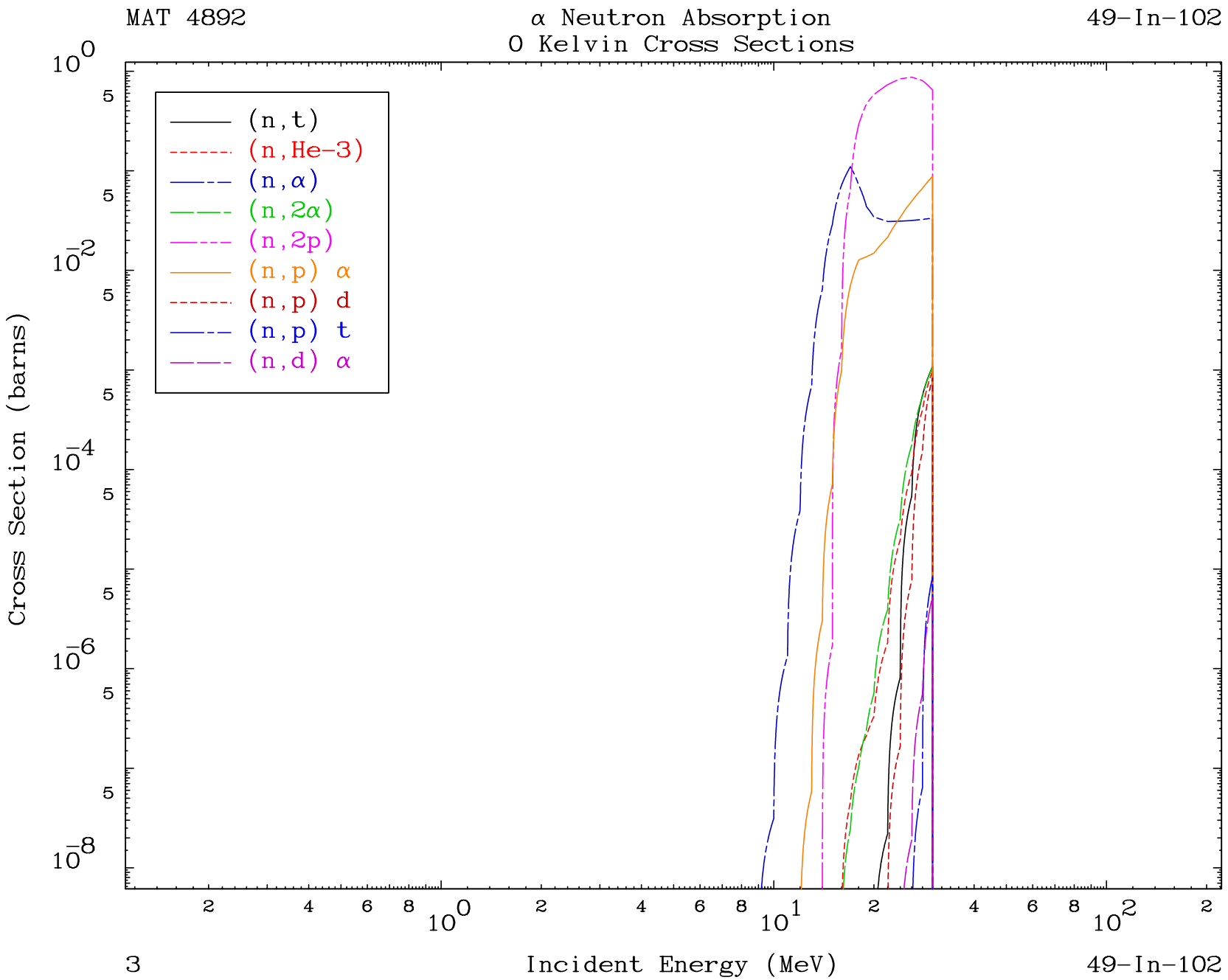
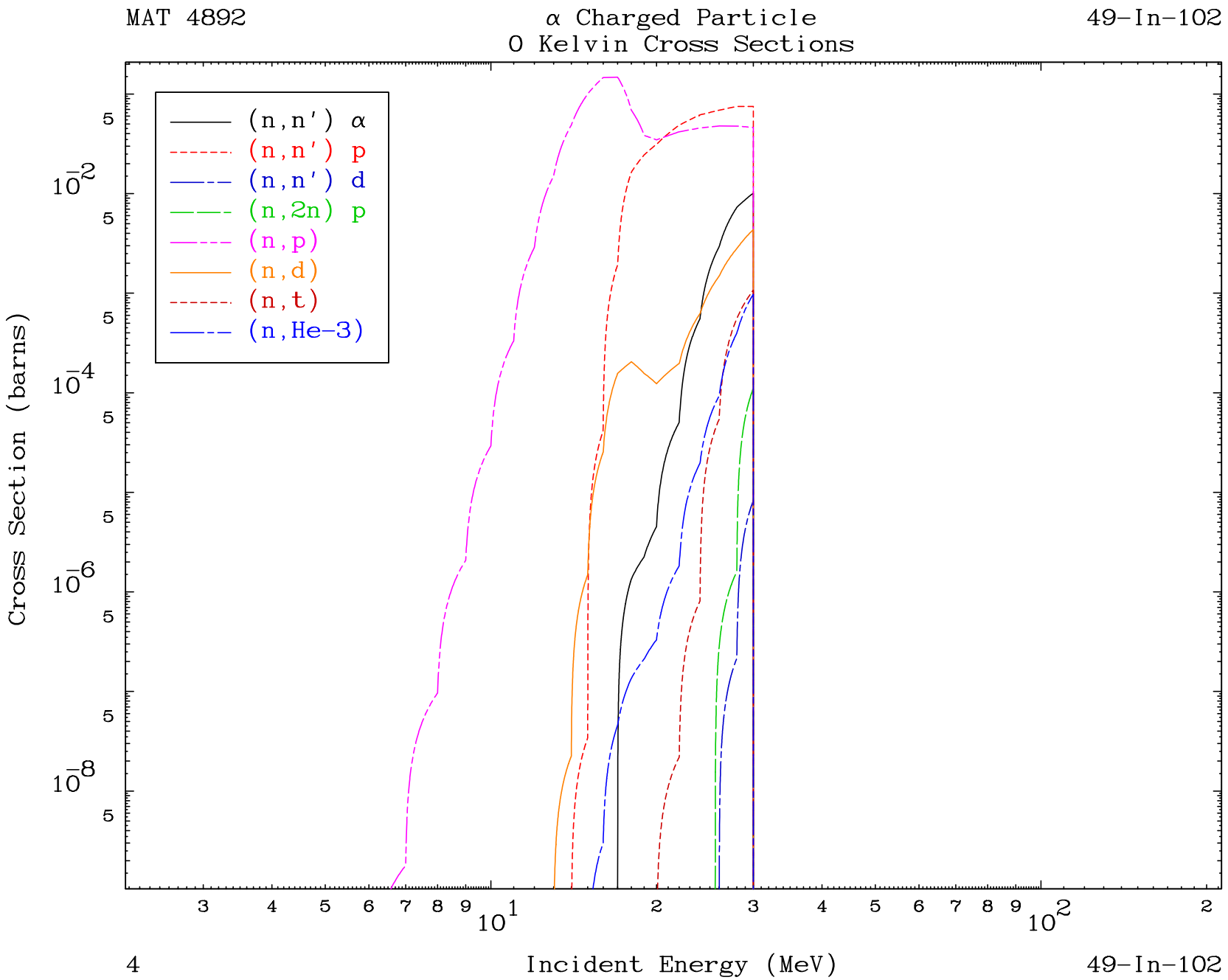
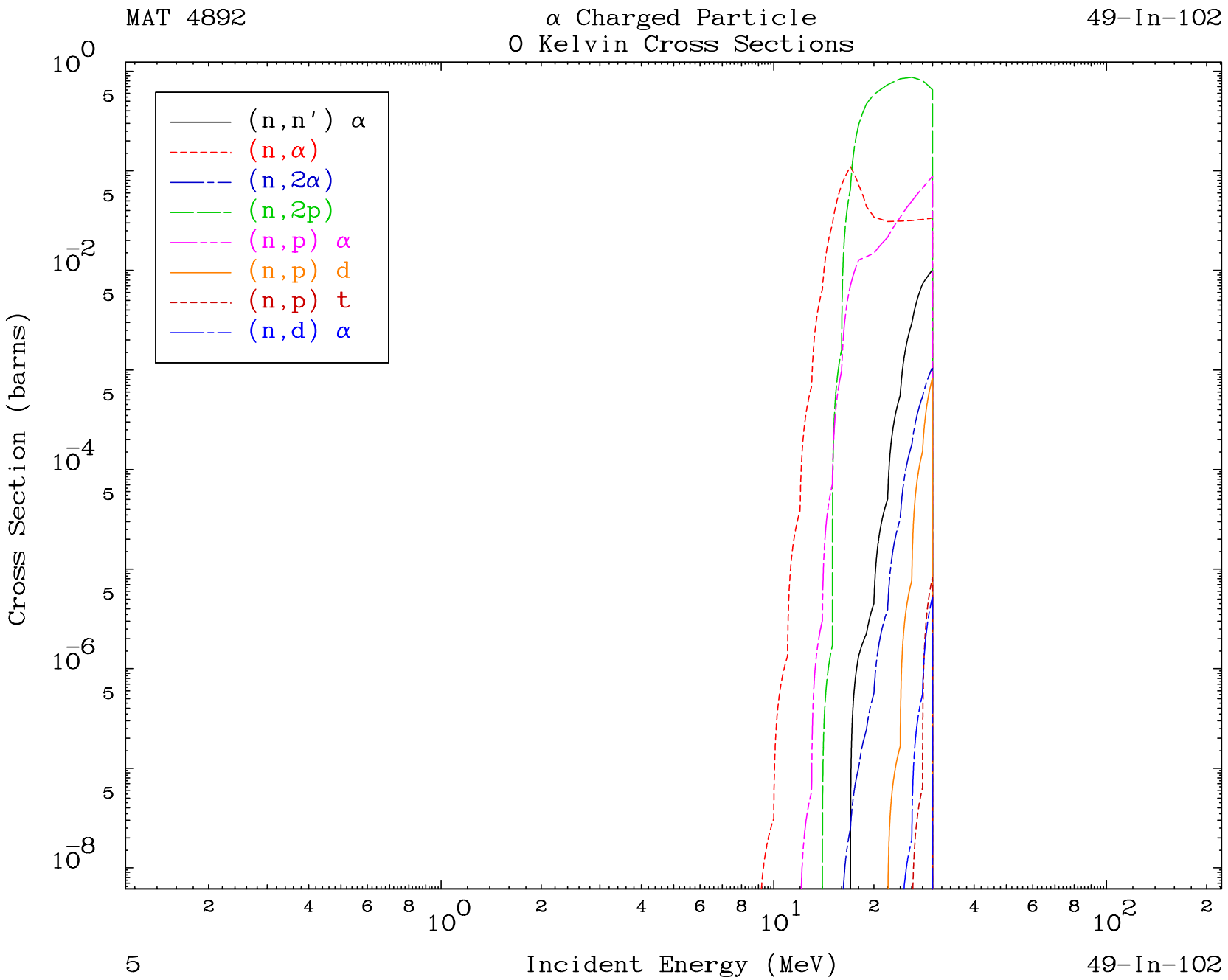
Press Mouse Button to Start

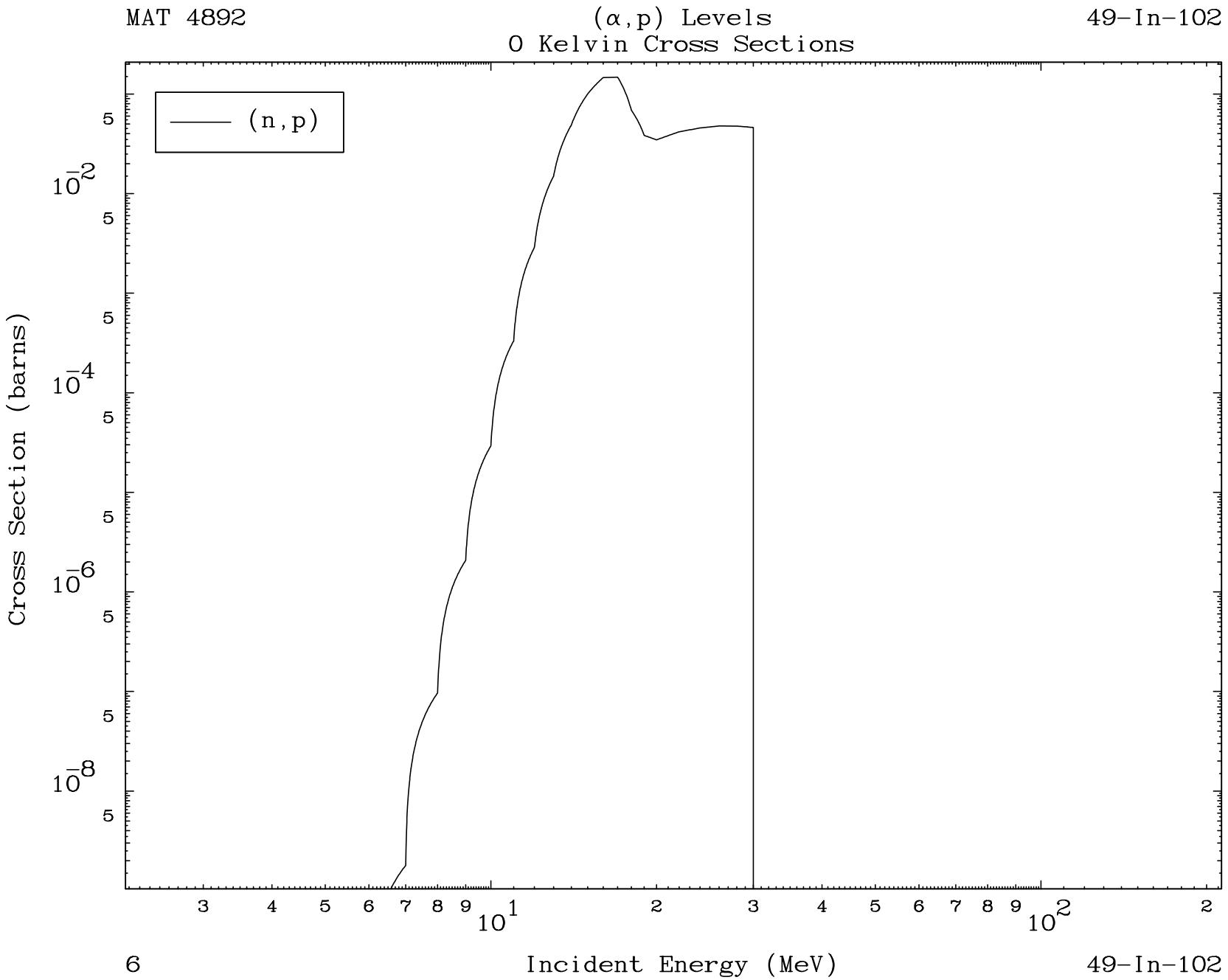

MAT 4892
α Major
49-In-102
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-102

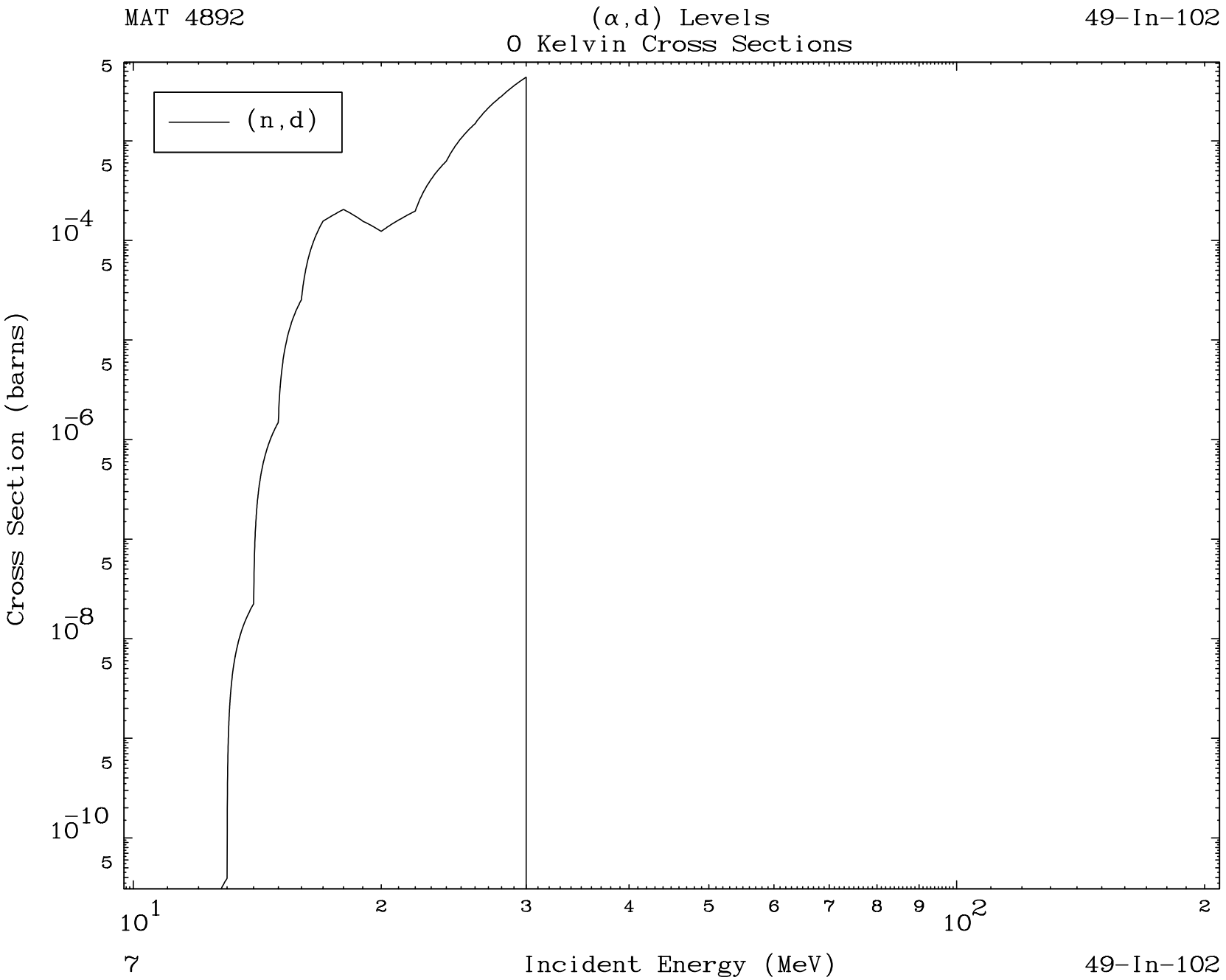

MAT 4892
α Neutron Absorption
0 Kelvin Cross Sections
49-In-102
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
49-In-102
2

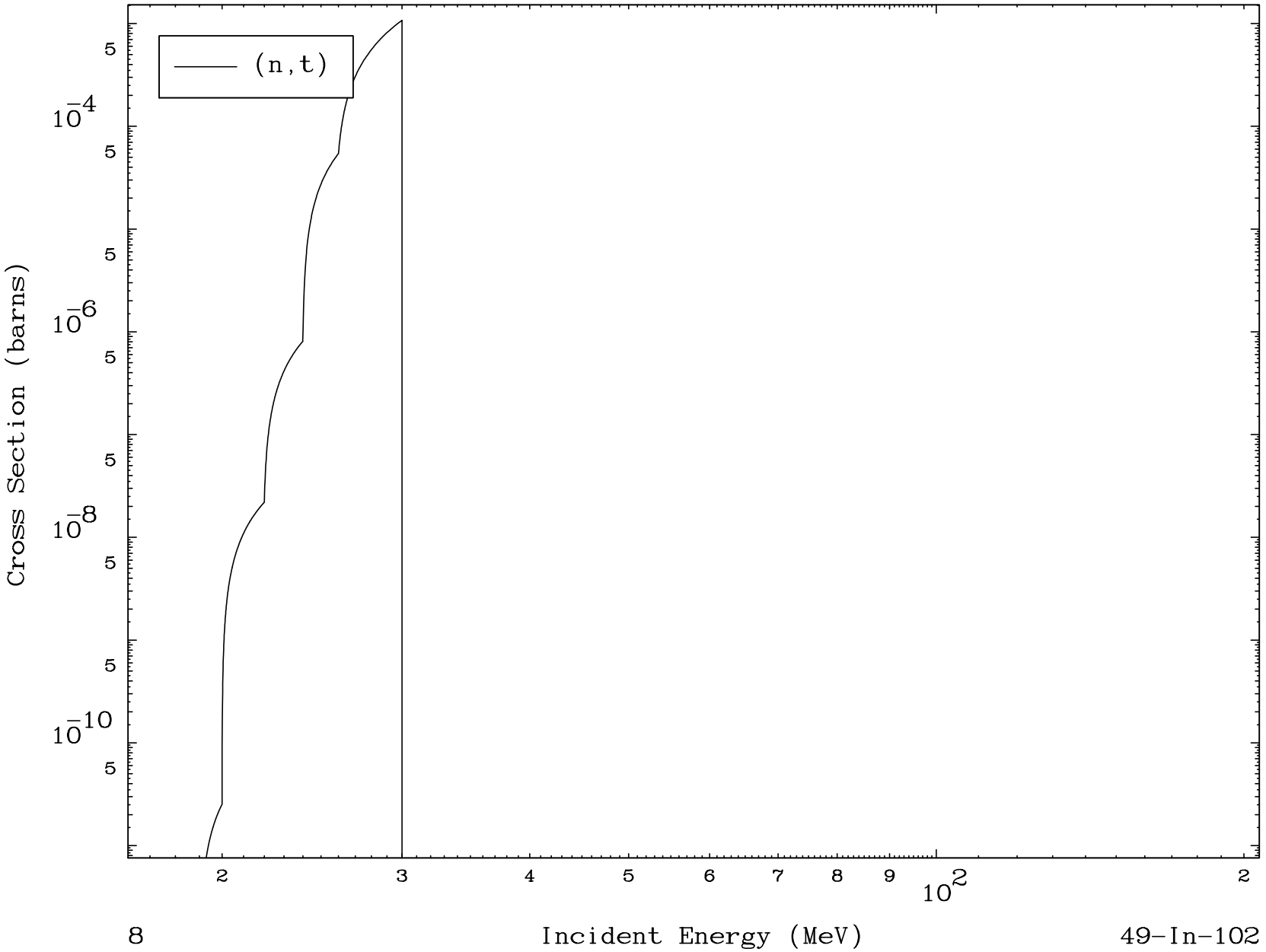

MAT 4892
α Neutron Absorption
0 Kelvin Cross Sections
49-In-102
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-102

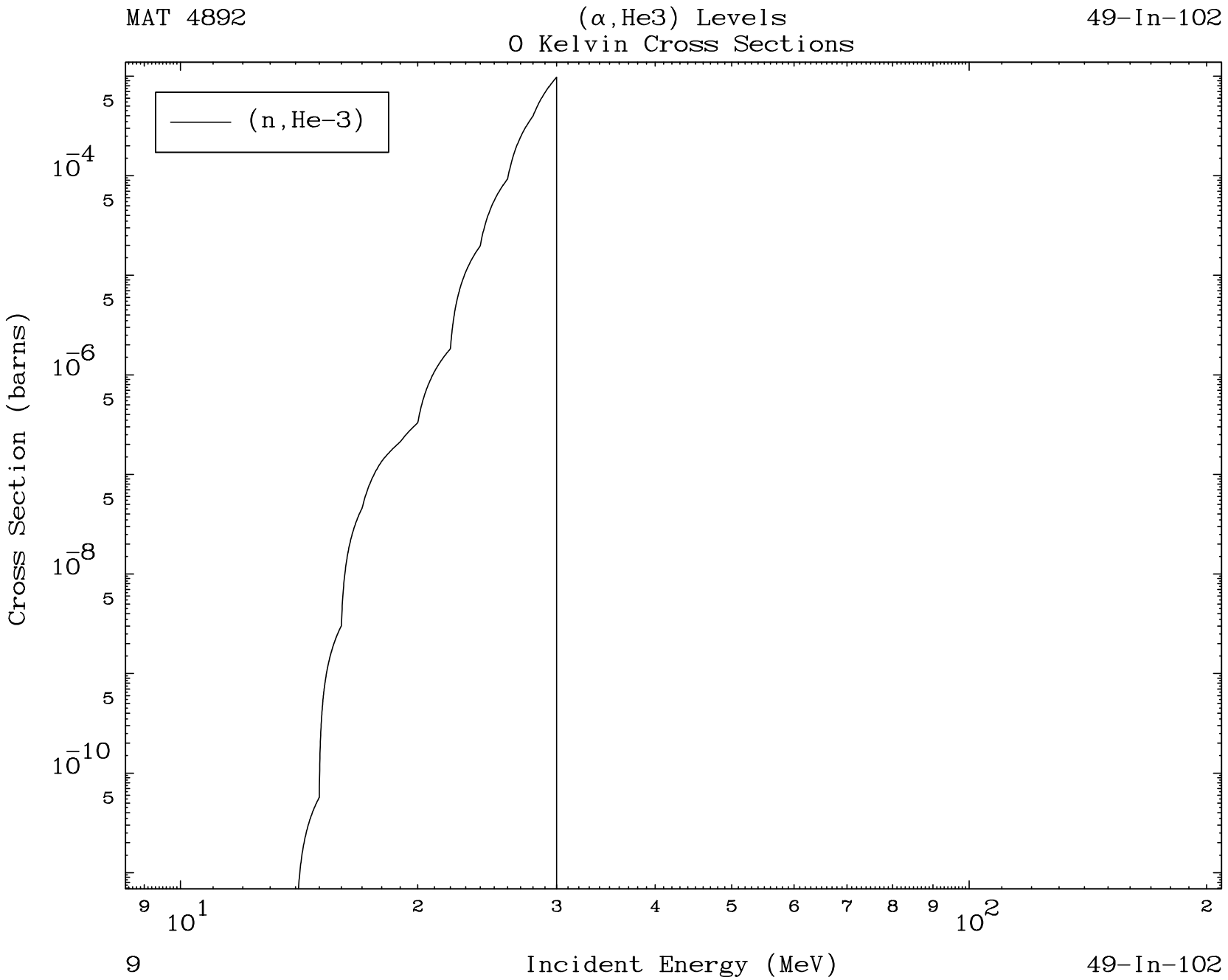

MAT 4892
α Charged Particle
0 Kelvin Cross Sections
49-In-102
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
49-In-102

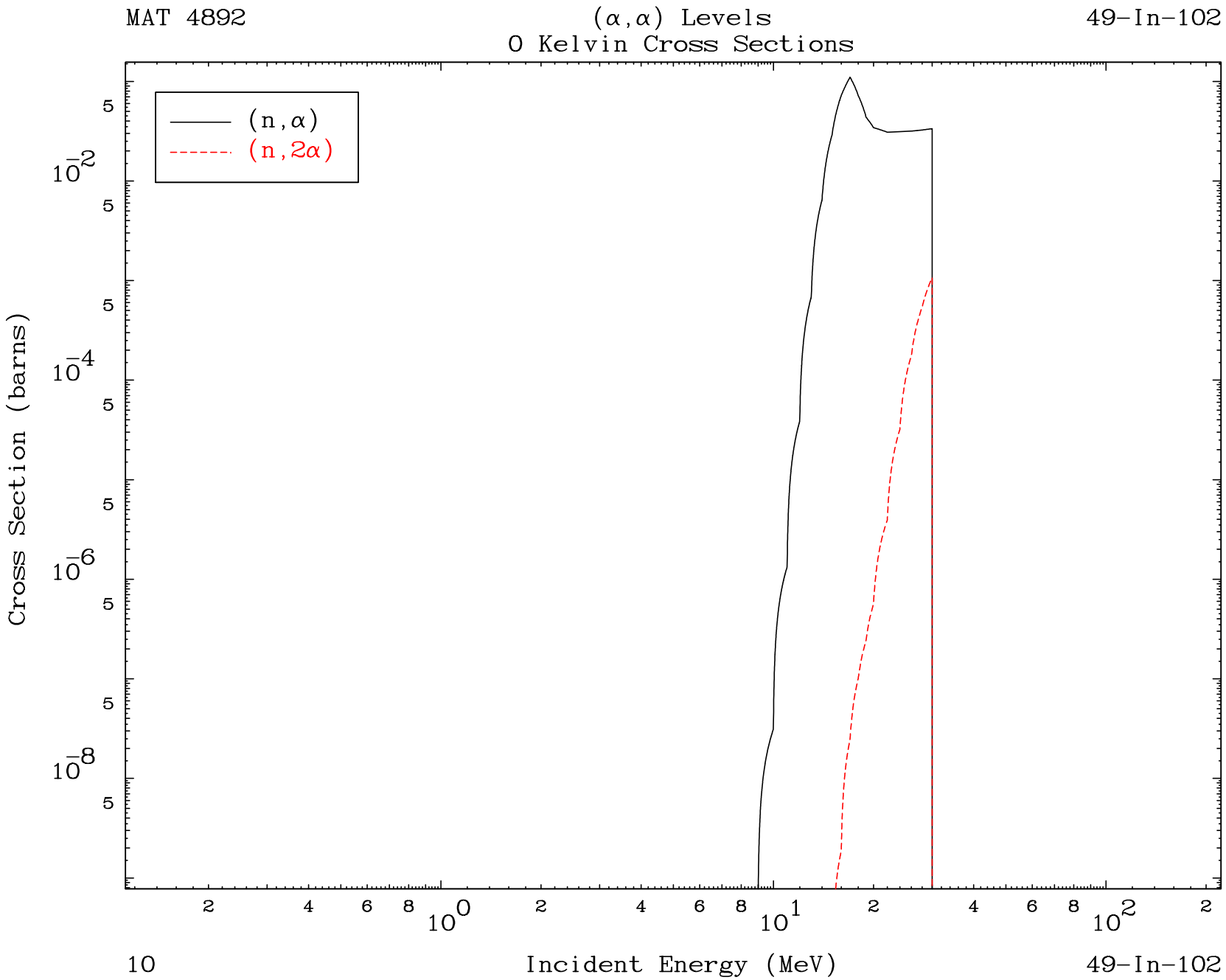

MAT 4892
α Charged Particle
0 Kelvin Cross Sections
49-In-102
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
49-In-102
5

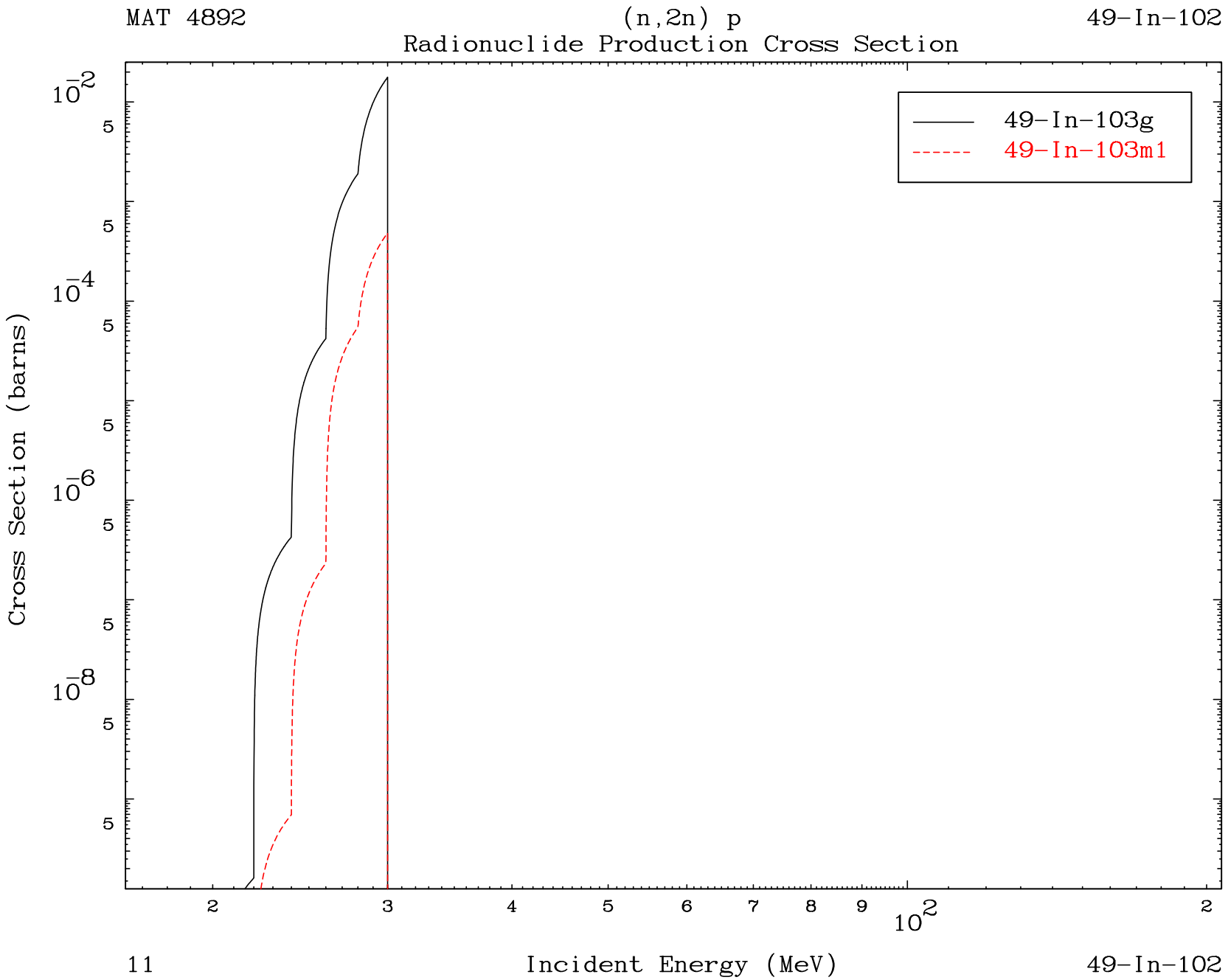

MAT 4892
(α,p) Levels
49-In-102
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
49-In-102

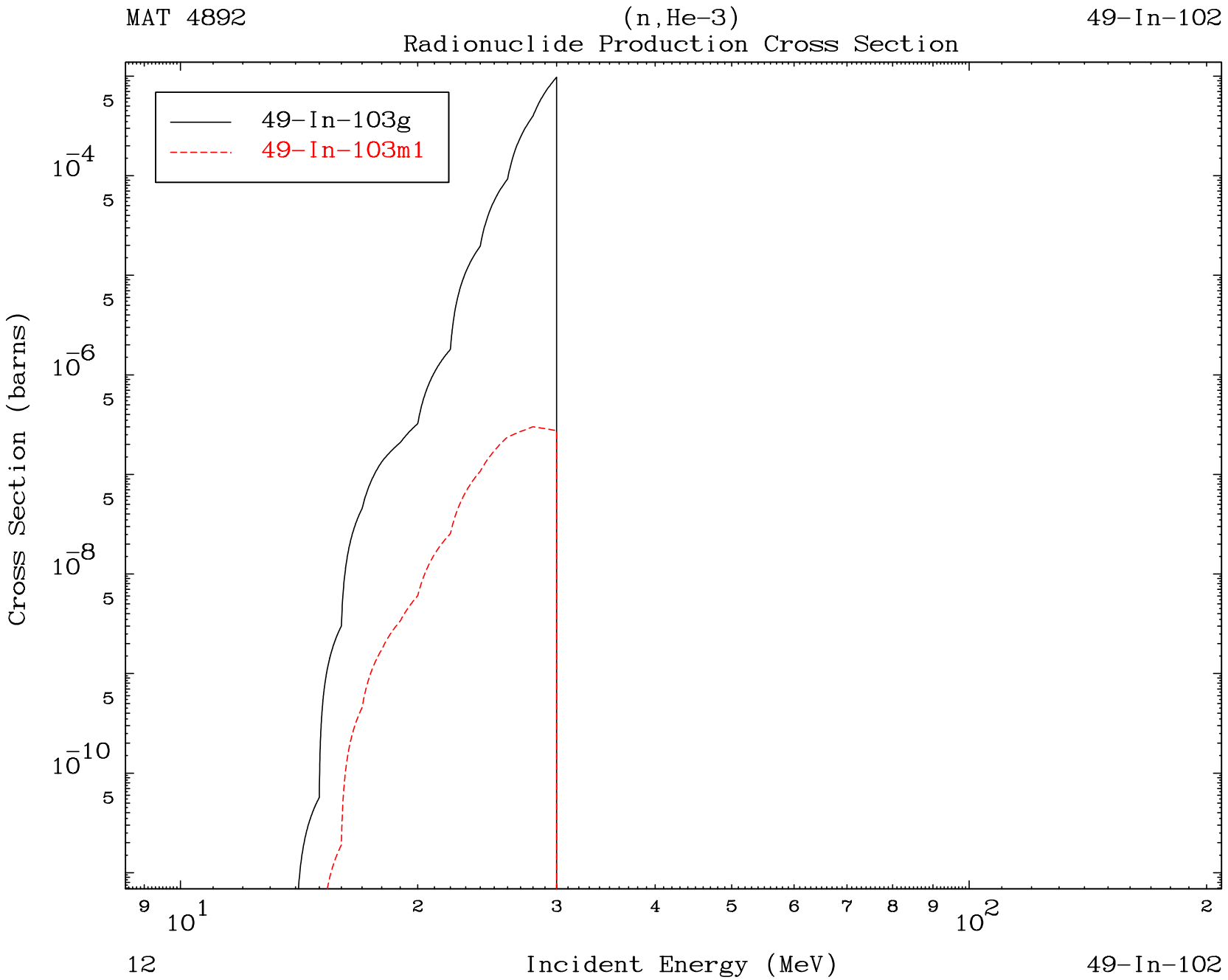

MAT 4892
(α,d) Levels
49-In-102
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
49-In-102
7

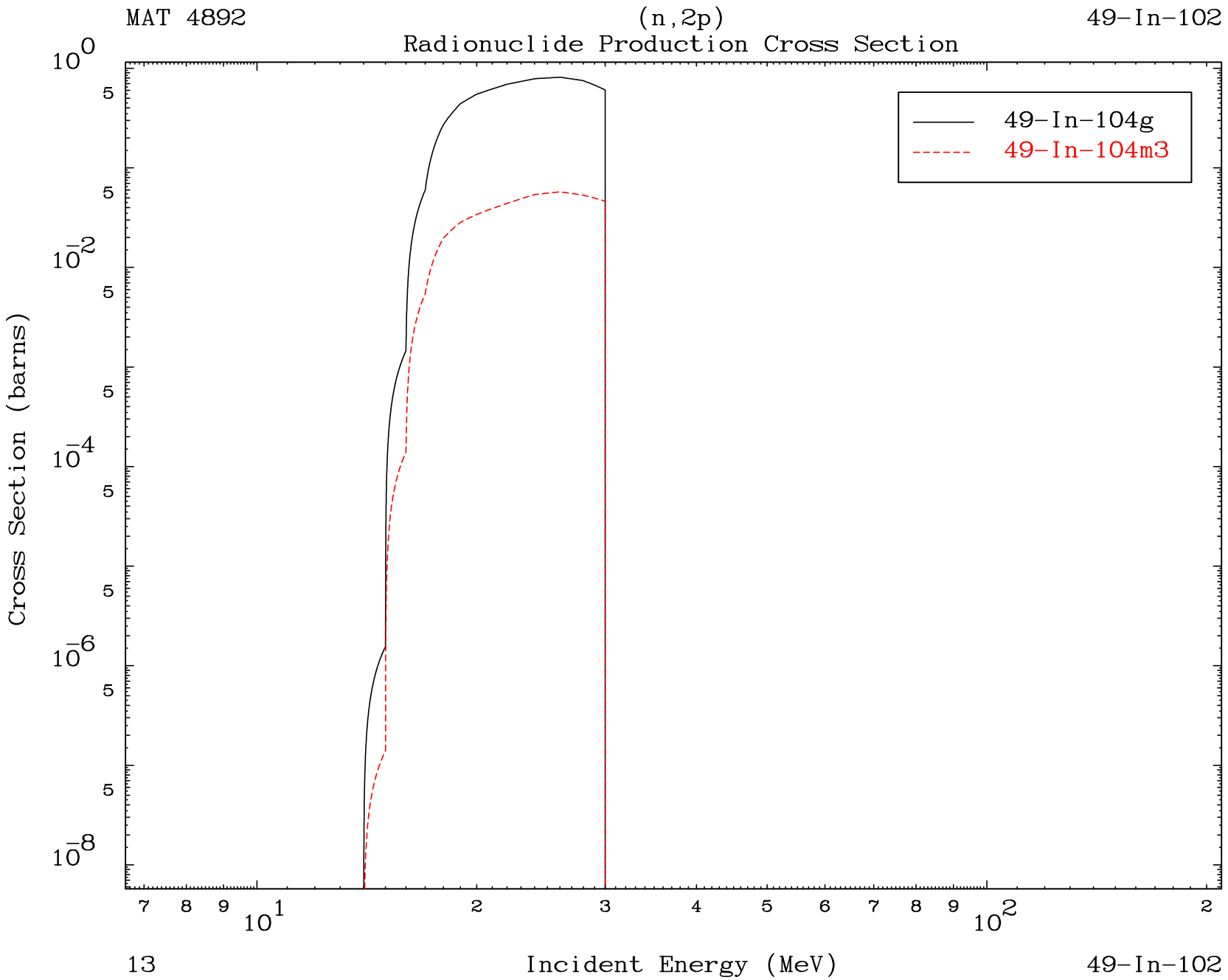

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

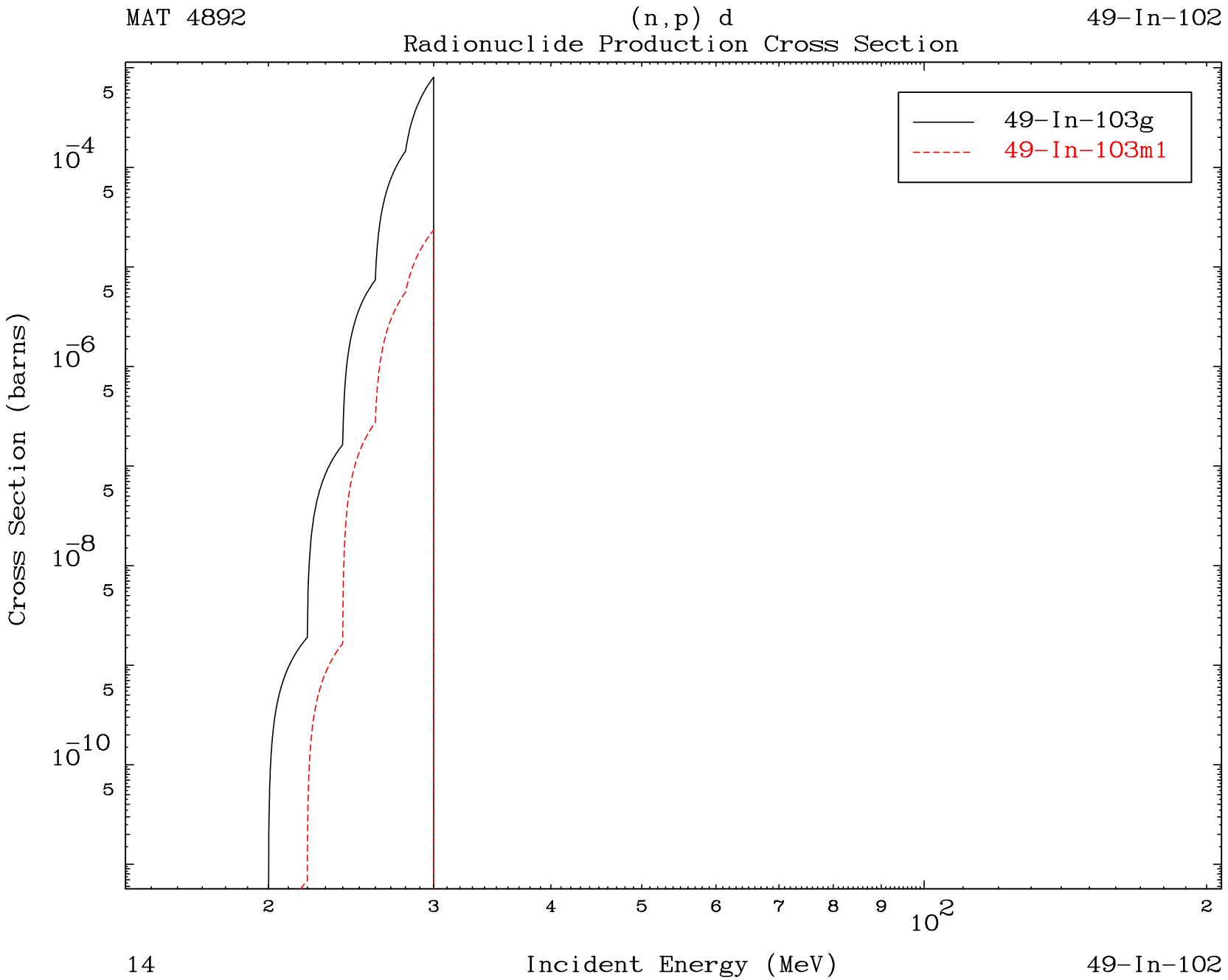

MAT 4892
(α,He3) Levels
49-In-102
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
49-In-102


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


MAT 4892
(n,2n) p
49-In-102
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
49-In-102


MAT 4892
(n,He-3)
49-In-102
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
49-In-102


MAT 4892
(n,2p)
49-In-102
Radionuclide Production Cross Section
49-In-104g
49-In-104m3
Cross Section (barns)
Incident Energy (MeV)
13
49-In-102


MAT 4892
(n,p) d
49-In-102
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
49-In-102