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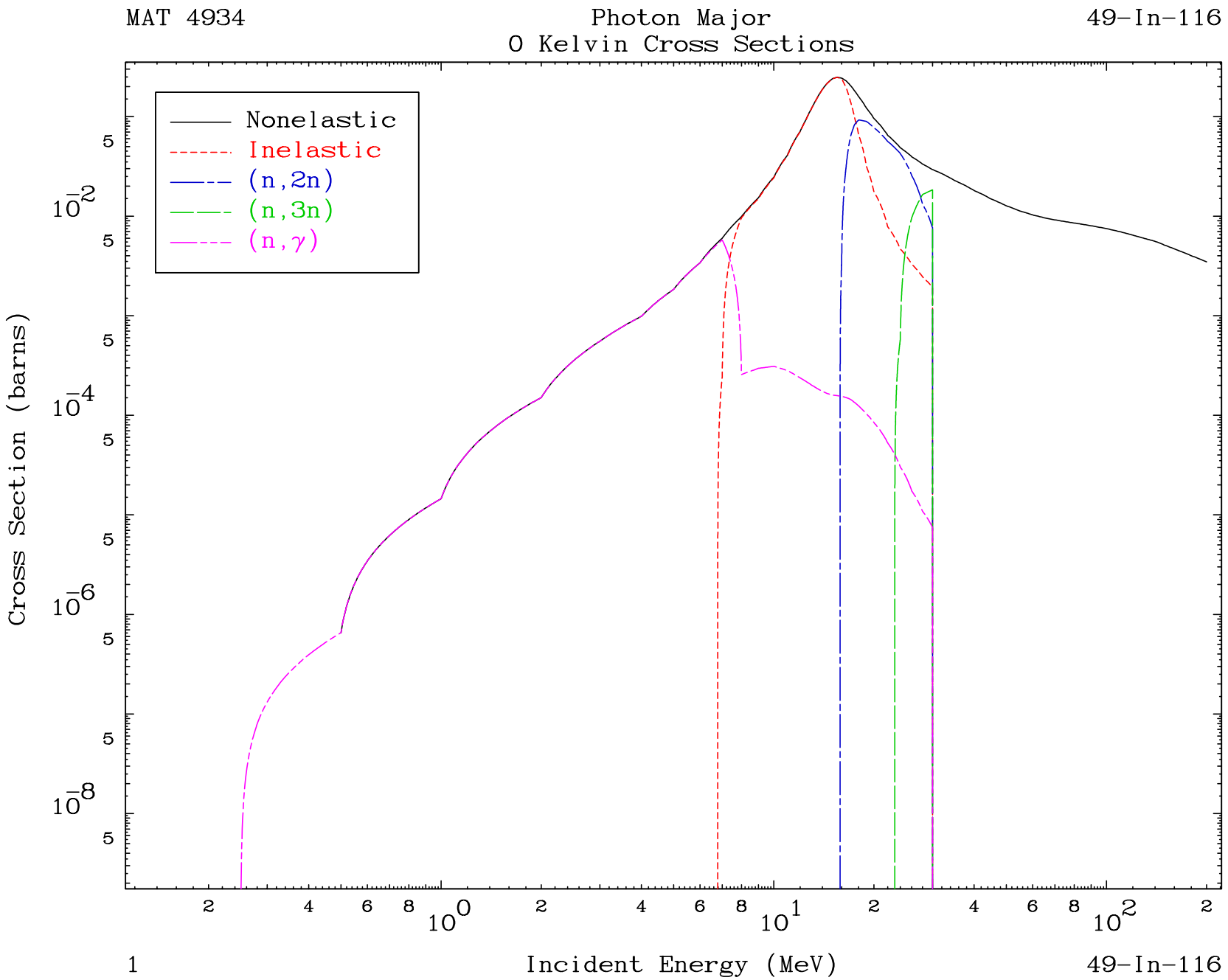
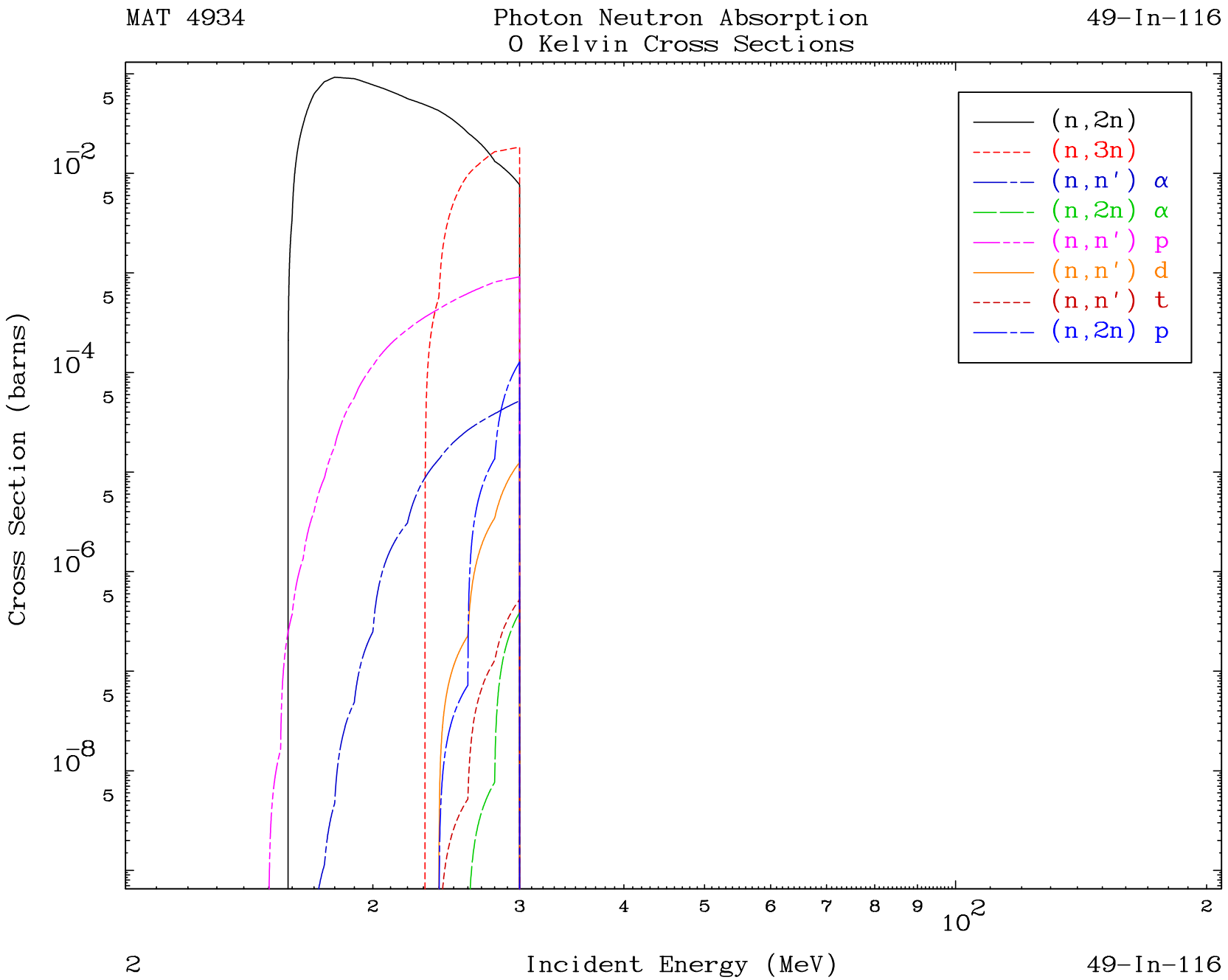
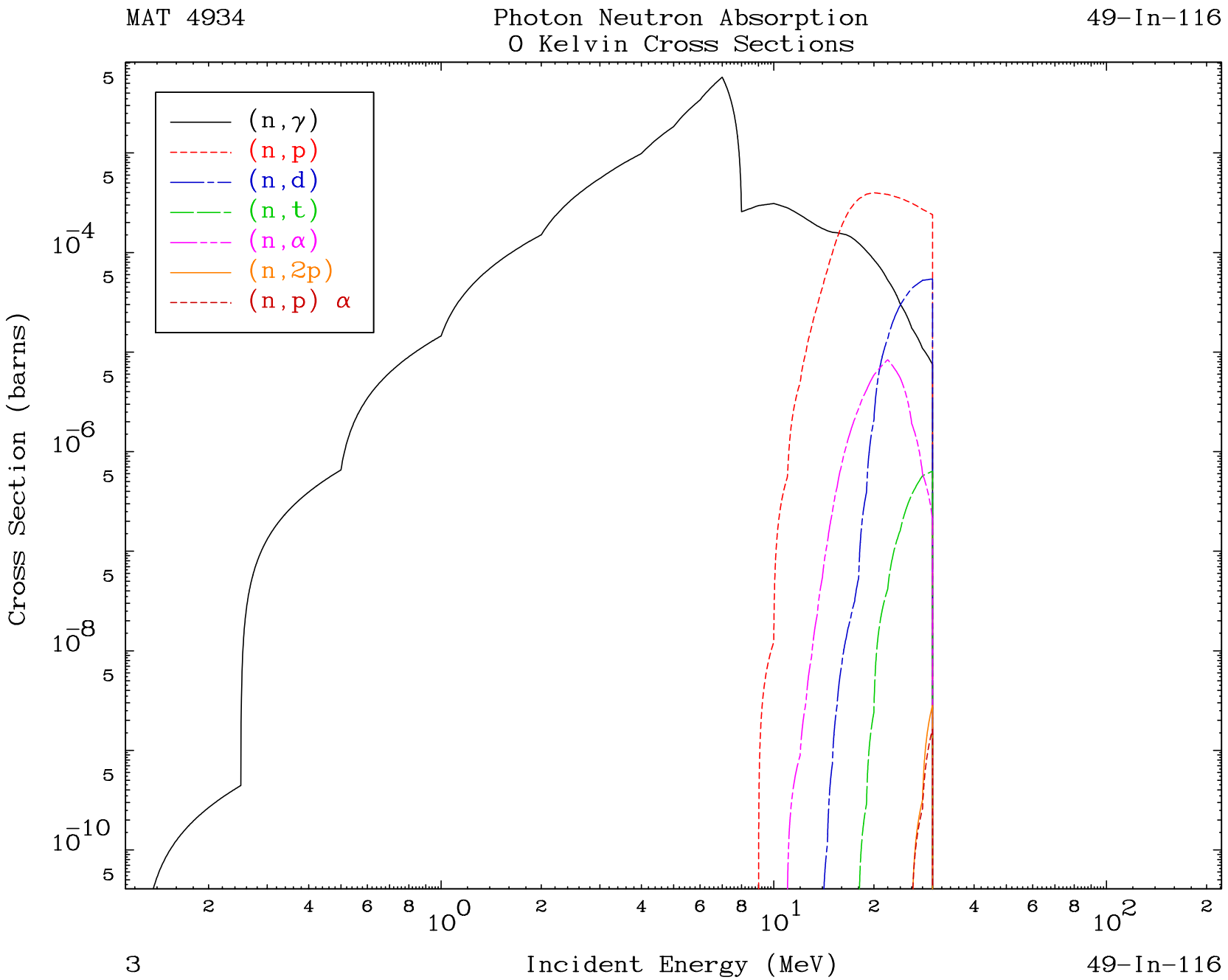
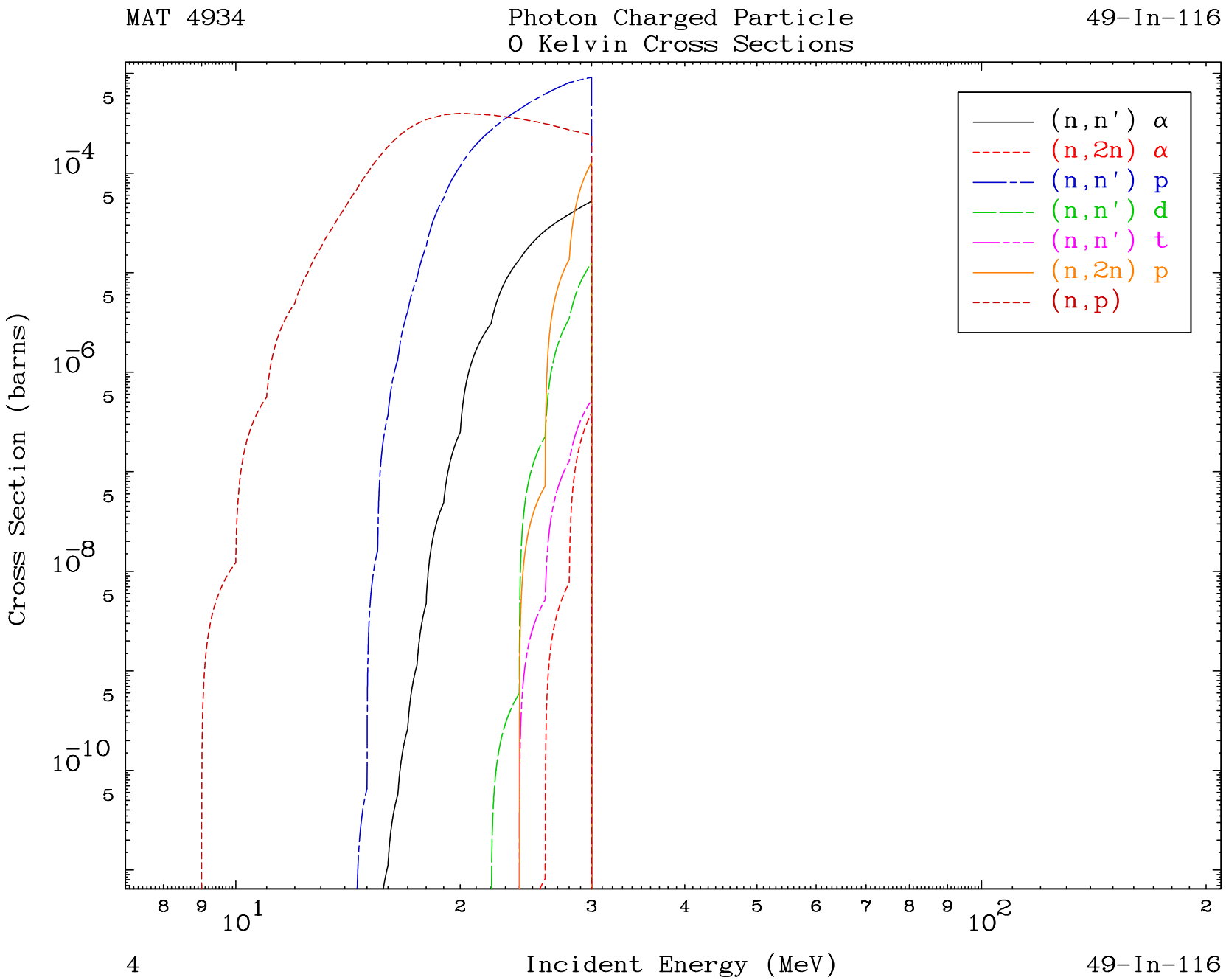
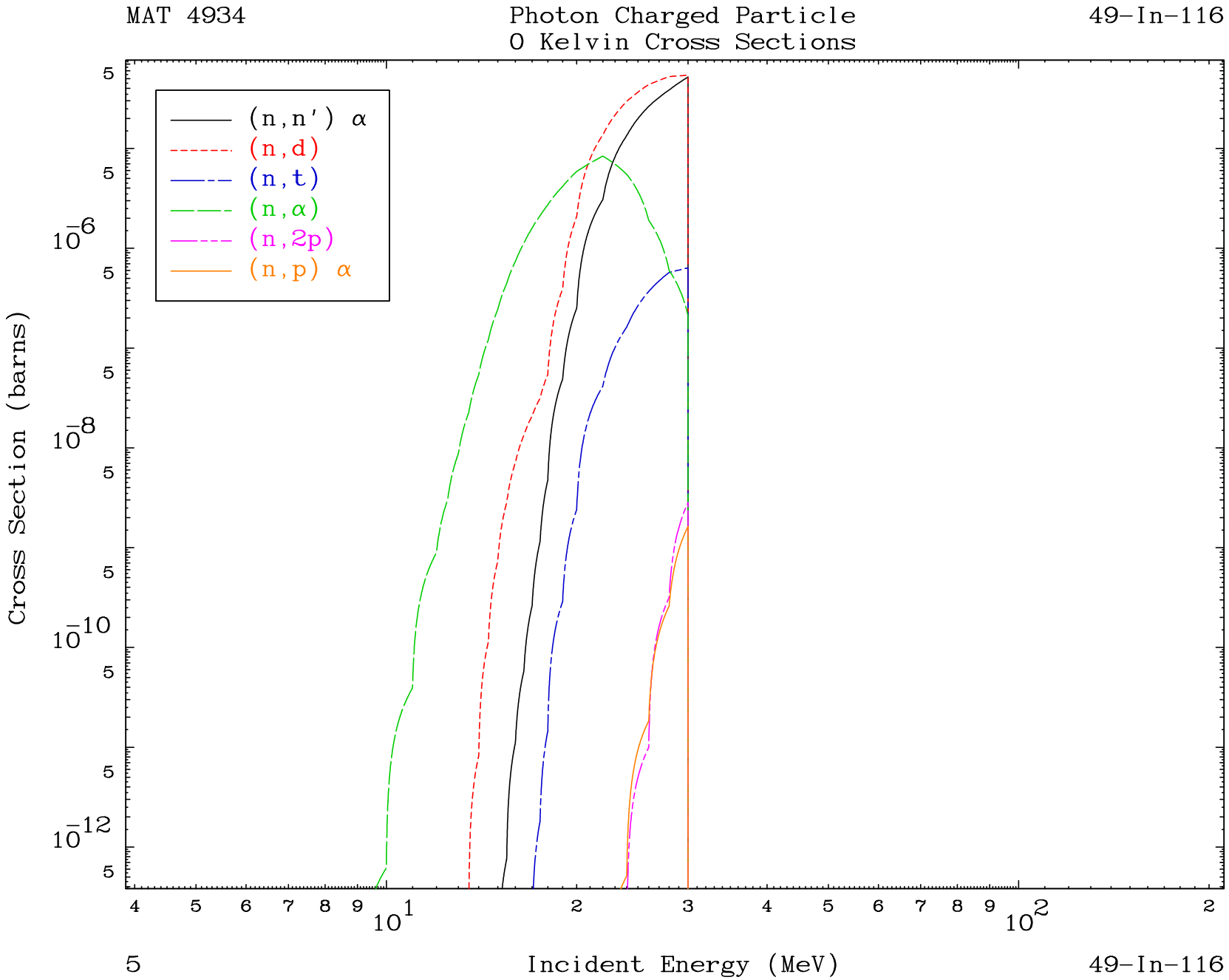
Press Mouse Button to Start

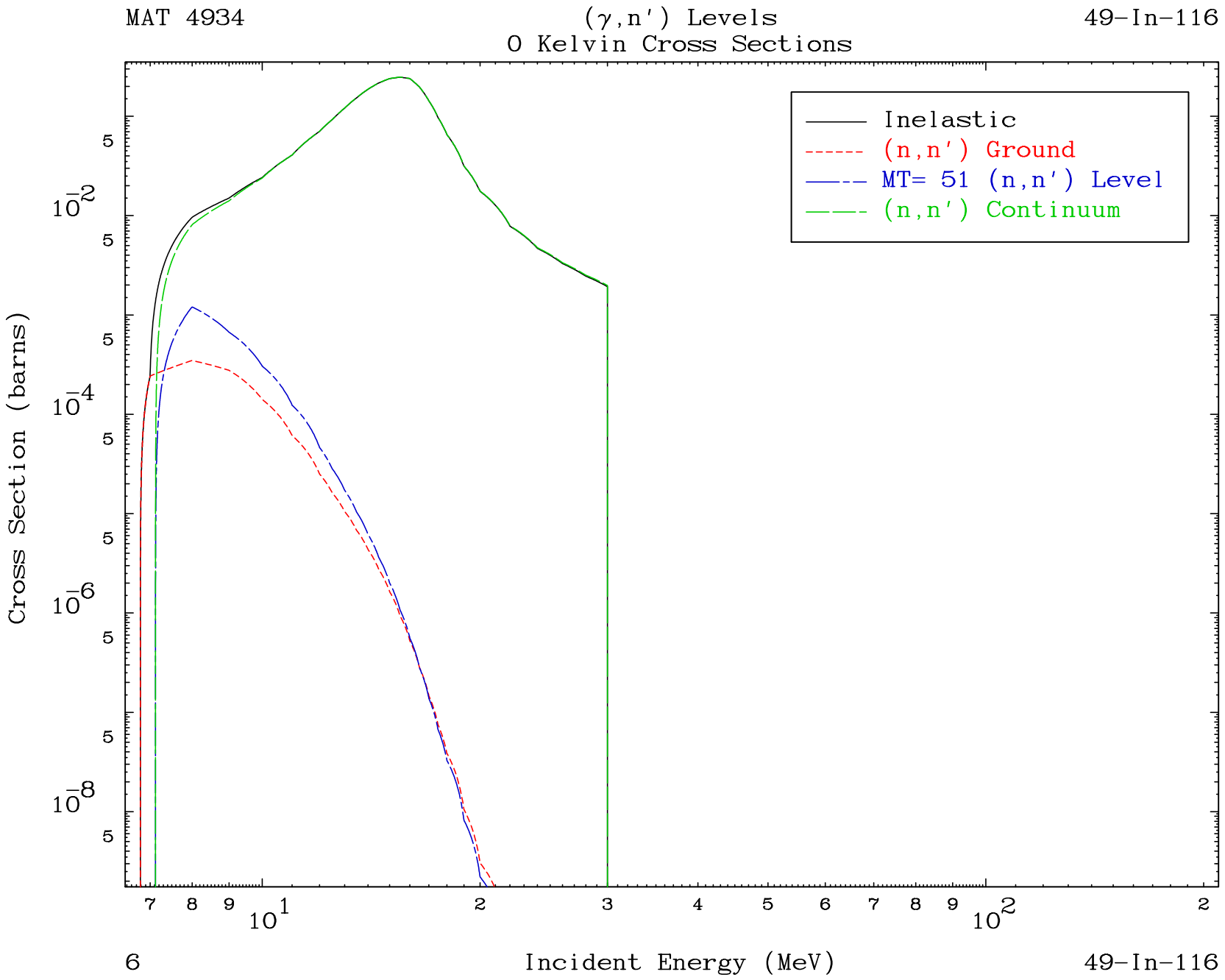

MAT 4934
Photon Major
49-In-116
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-116
1

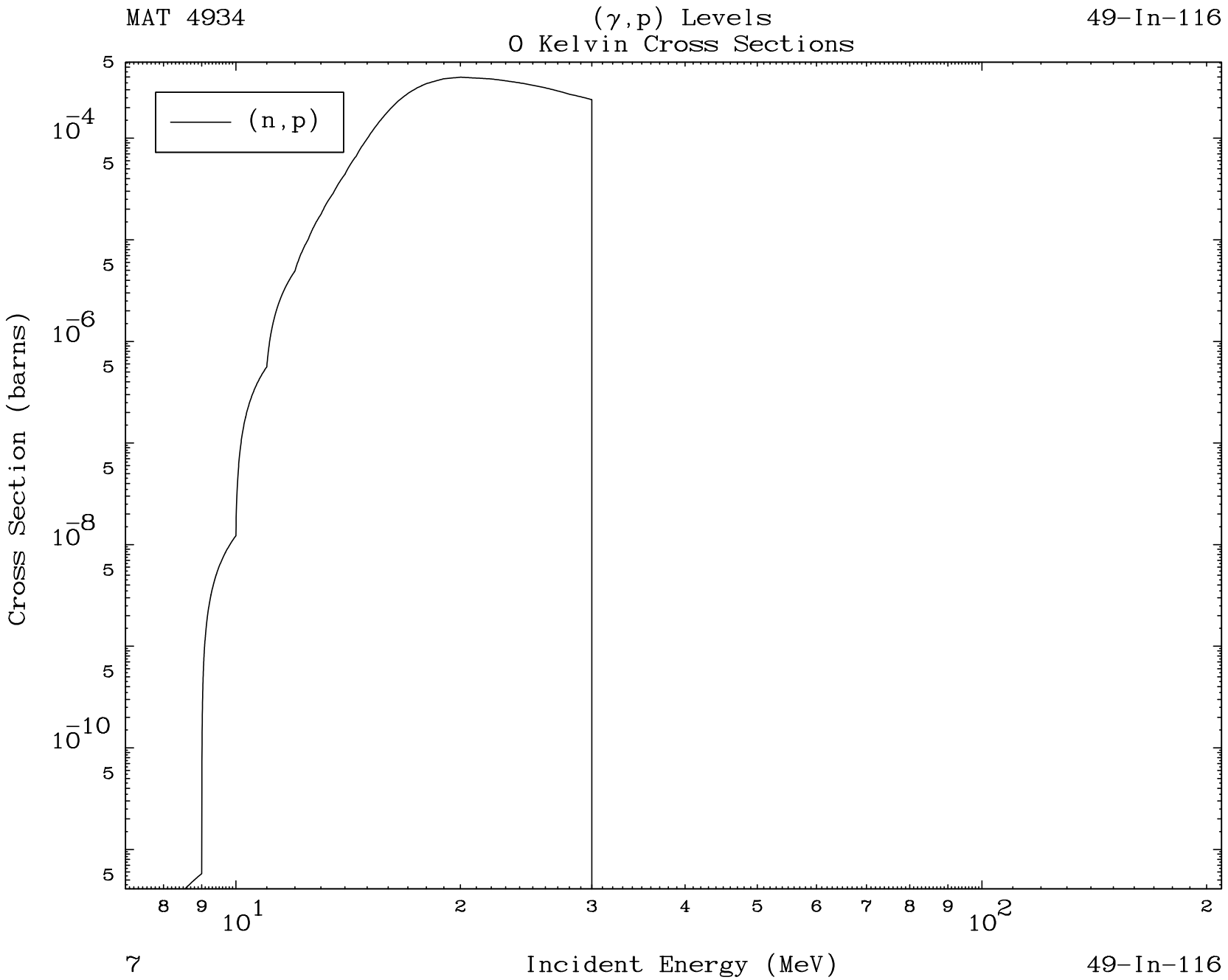

MAT 4934
Photon Neutron Absorption
0 Kelvin Cross Sections
49-In-116
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
2
49-In-116

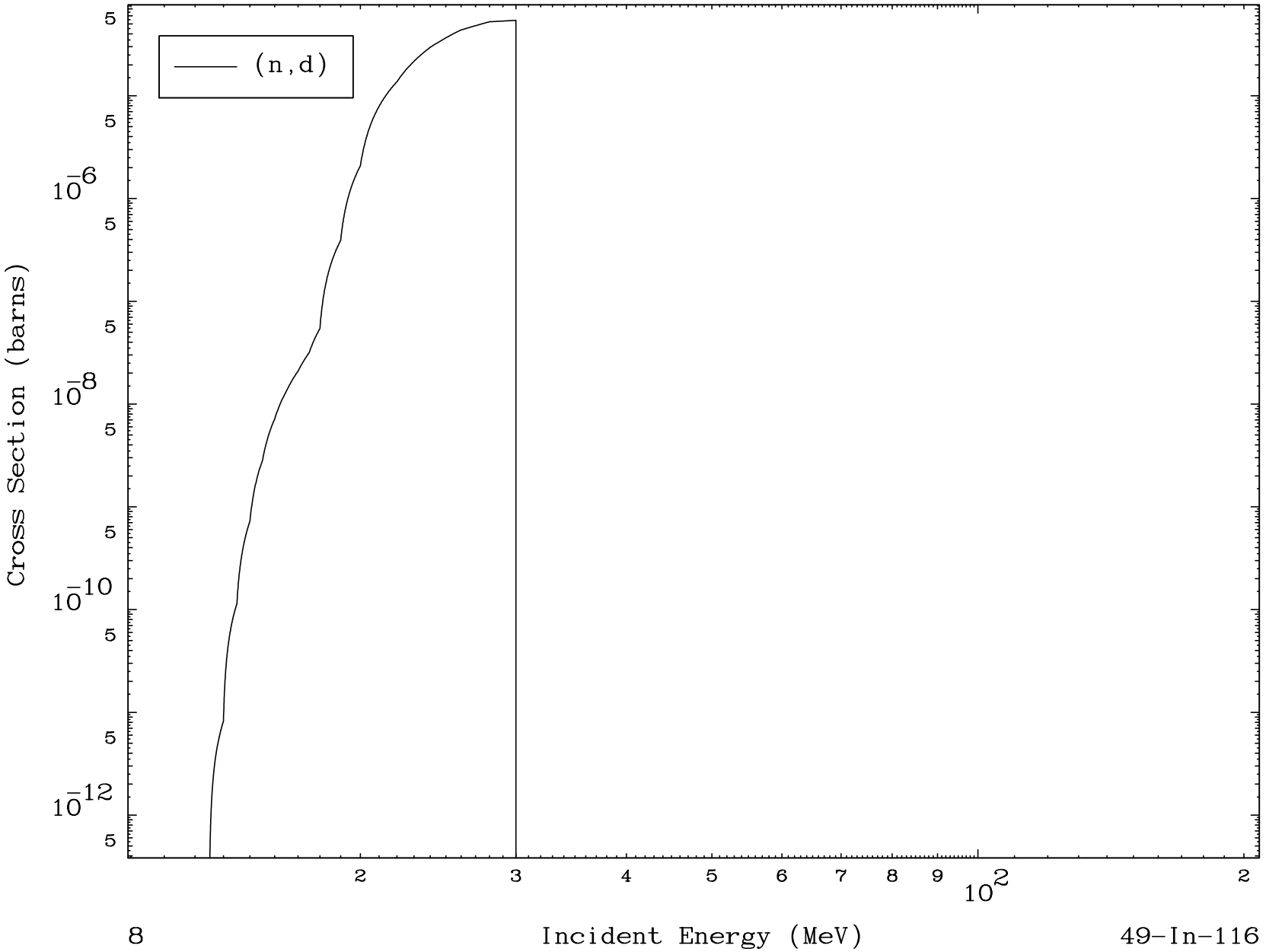

MAT 4934
Photon Neutron Absorption
0 Kelvin Cross Sections
49-In-116
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-116

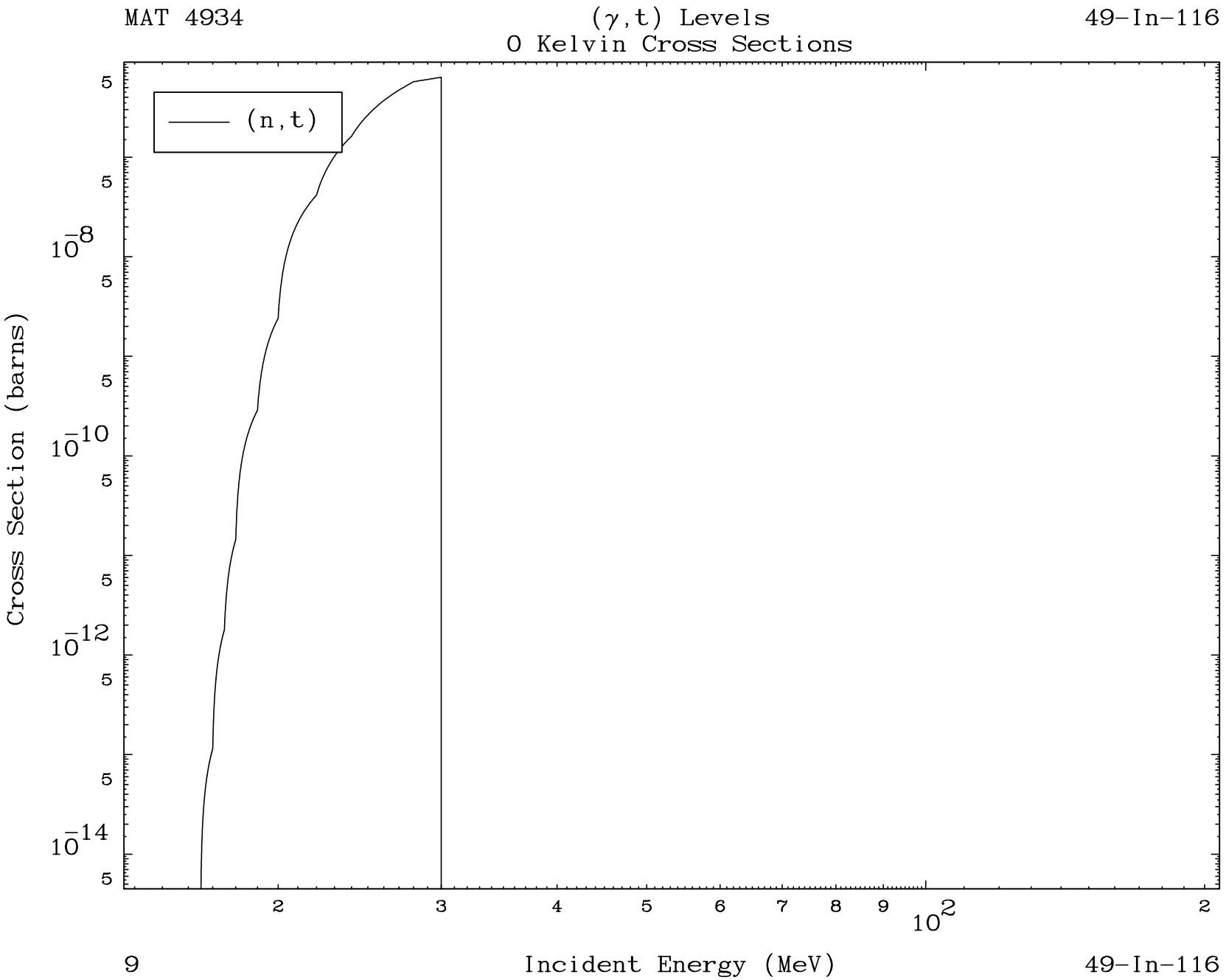

MAT 4934
Photon Charged Particle
0 Kelvin Cross Sections
49-In-116
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
4
49-In-116

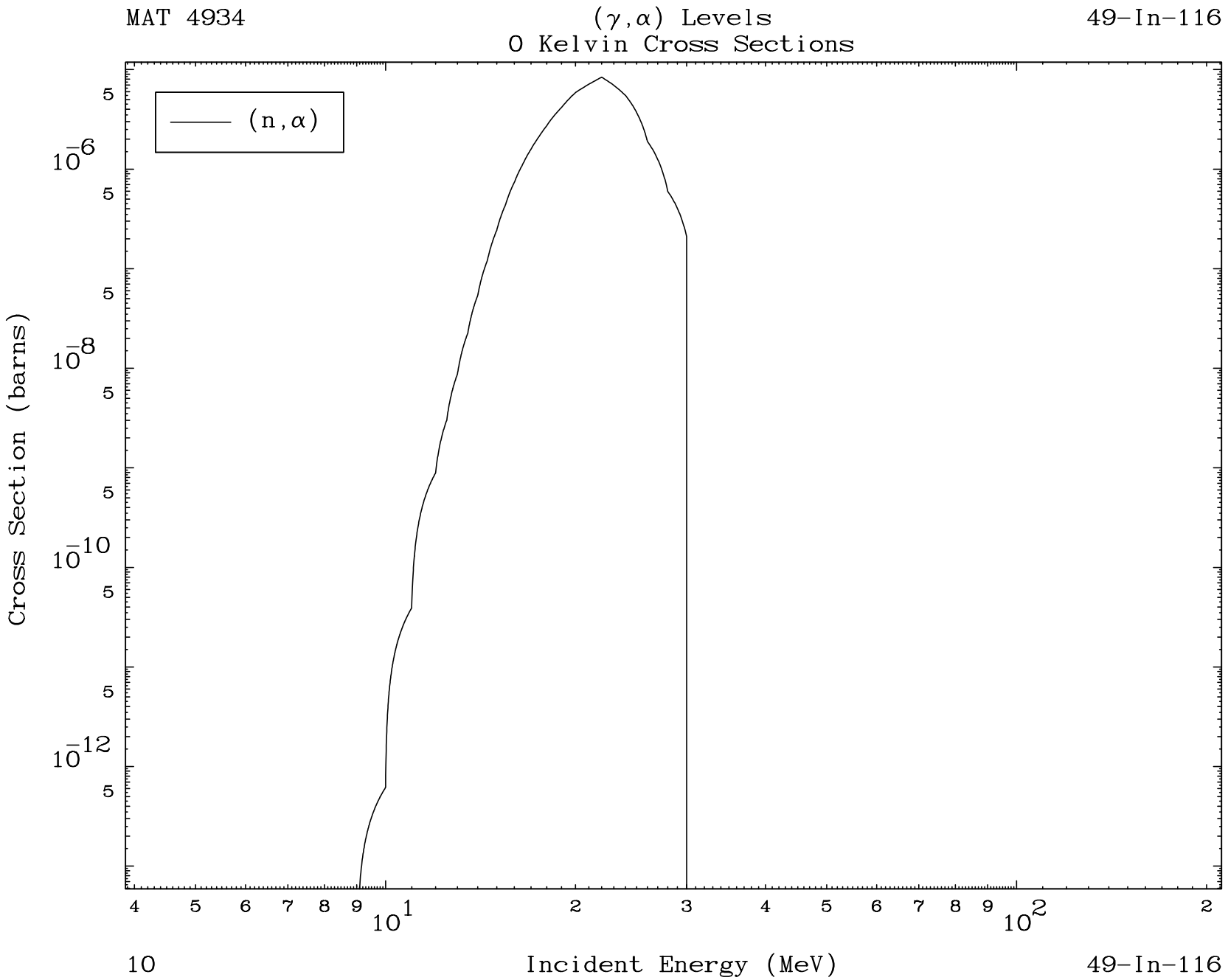

MAT 4934
Photon Charged Particle
0 Kelvin Cross Sections
49-In-116
(n,n') α
(n,d)
(n,t)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
49-In-116

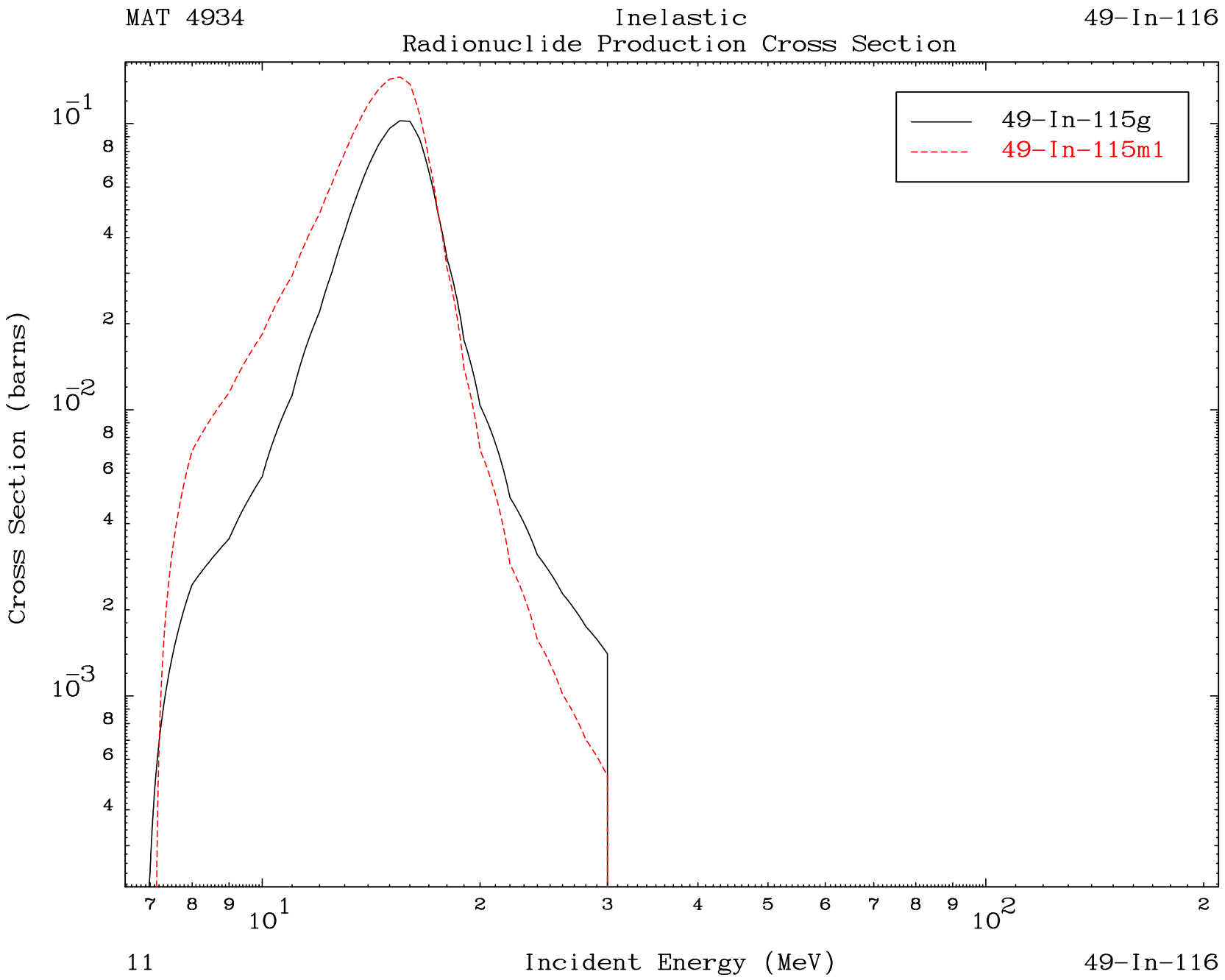

MAT 4934
(γ,n') Levels
49-In-116
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
49-In-116

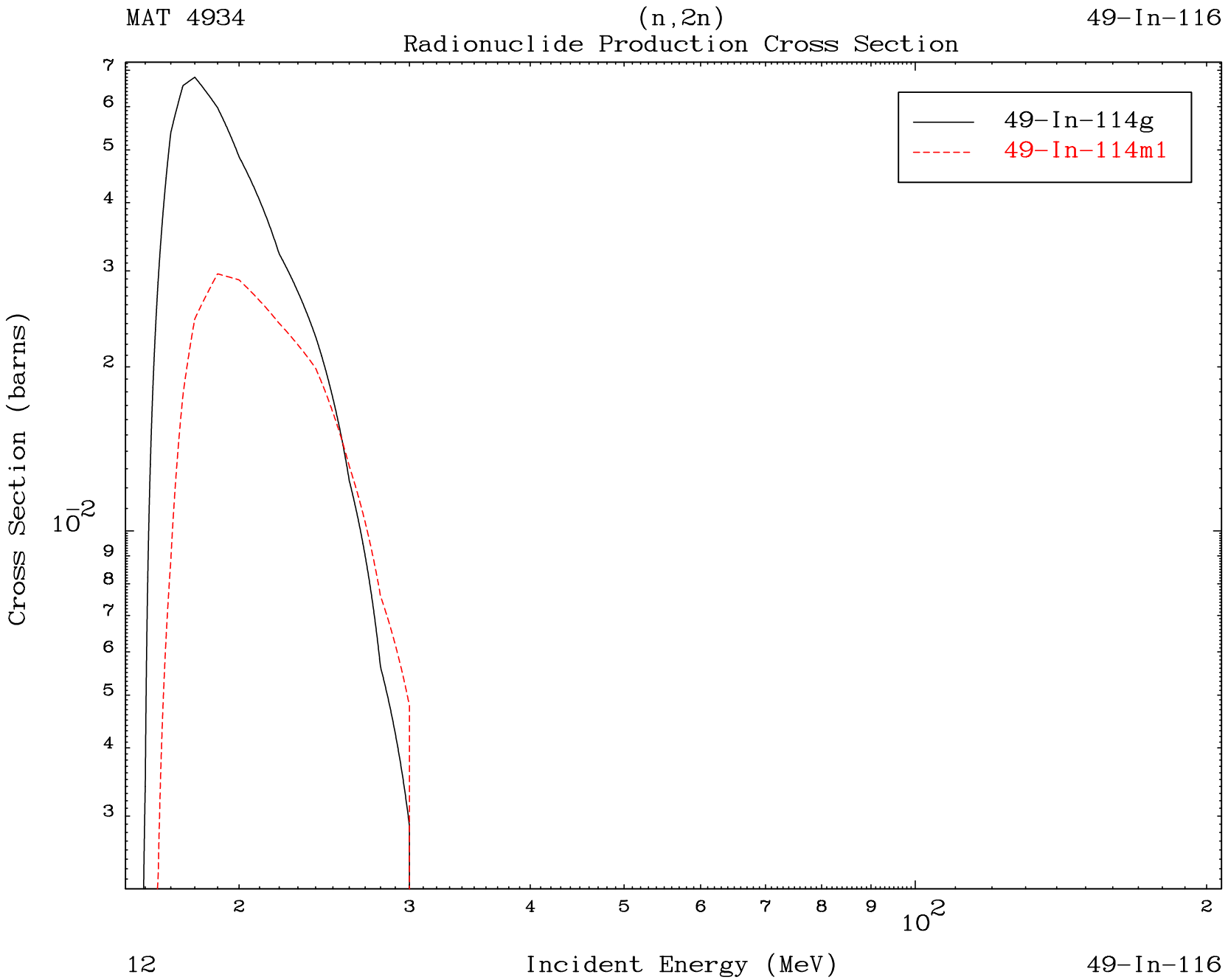

MAT 4934
(γ,p) Levels
49-In-116
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
49-In-116

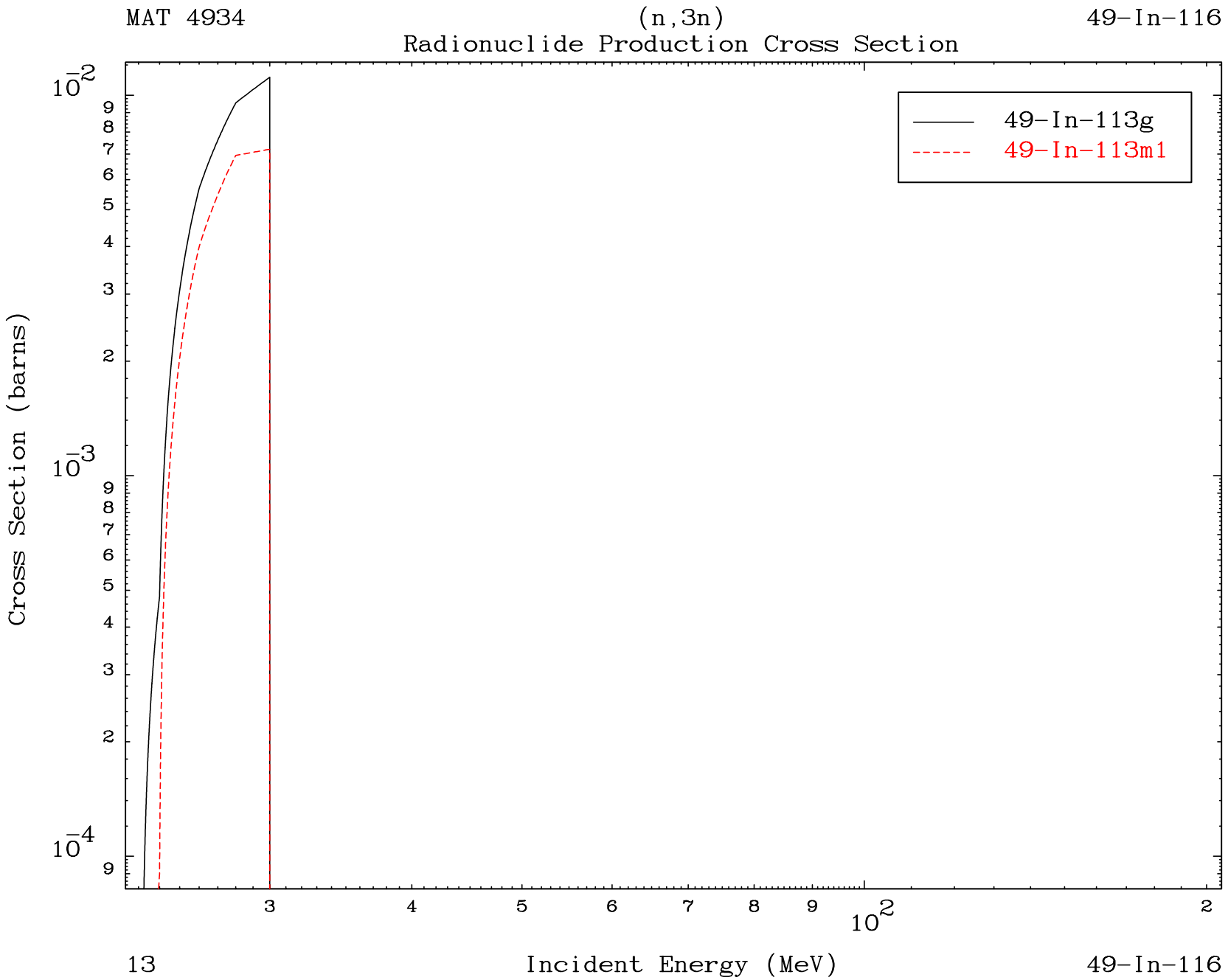

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)

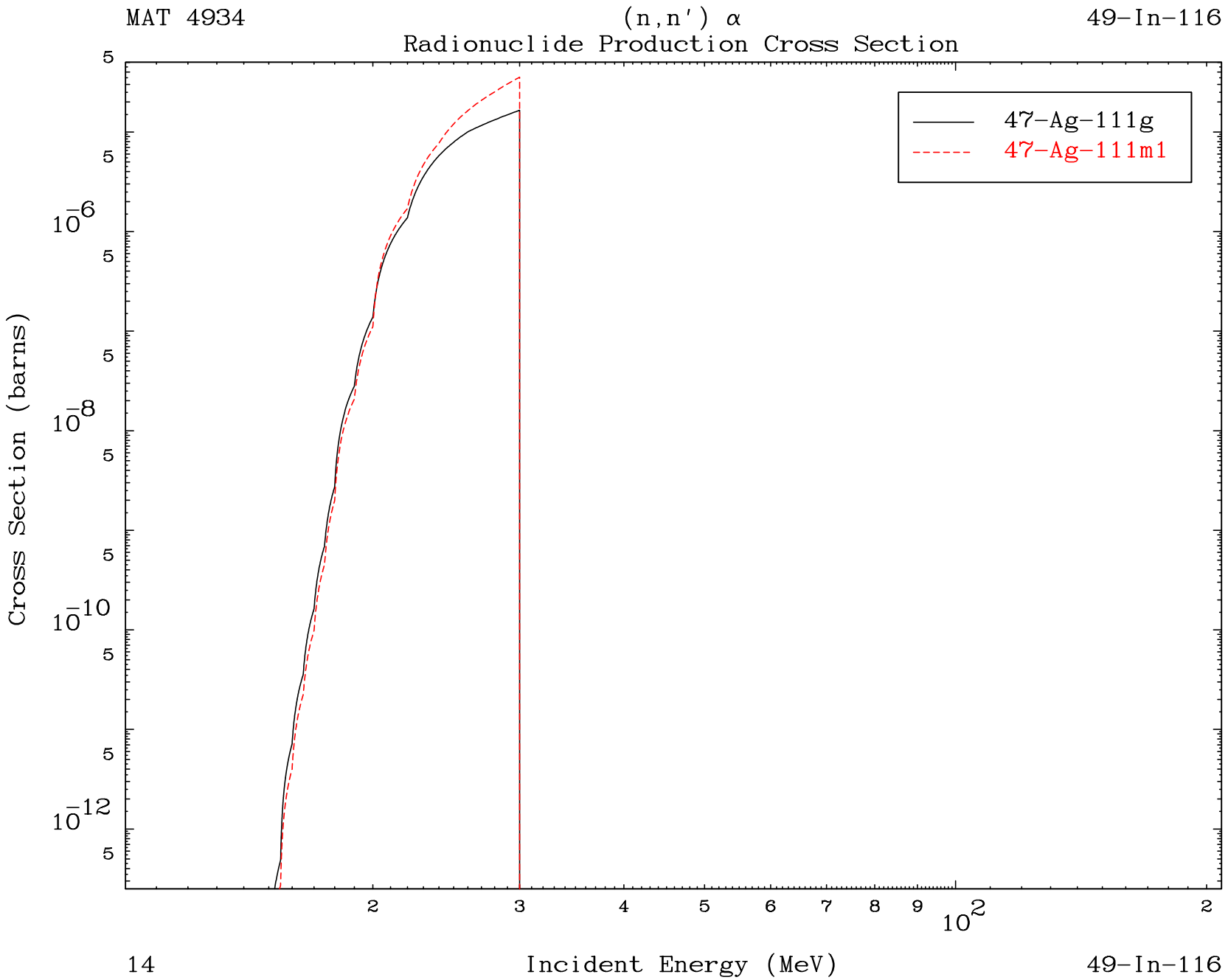

MAT 4934
(γ,t) Levels
49-In-116
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
49-In-116

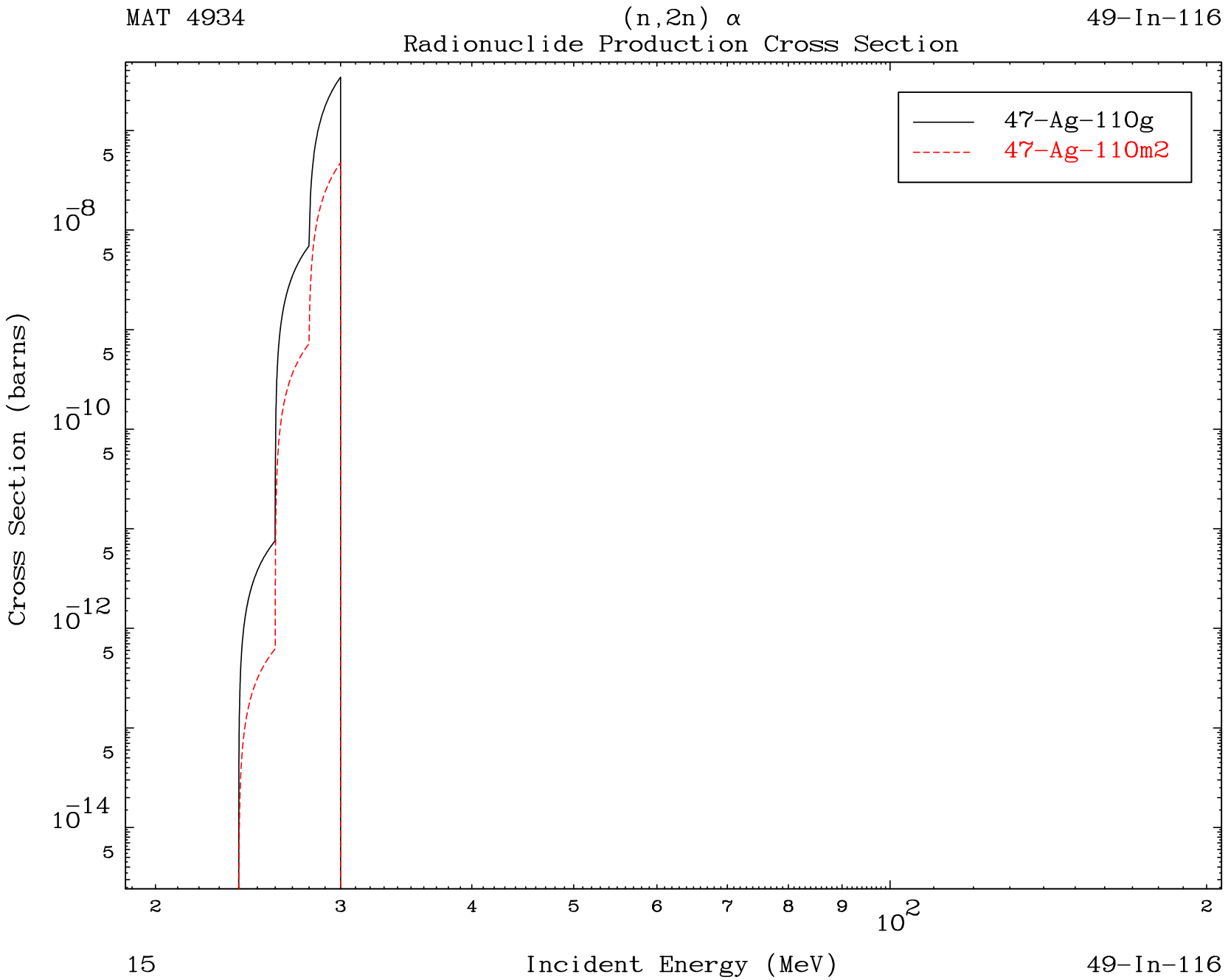

MAT 4934
(γ,α) Levels
49-In-116
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
49-In-116

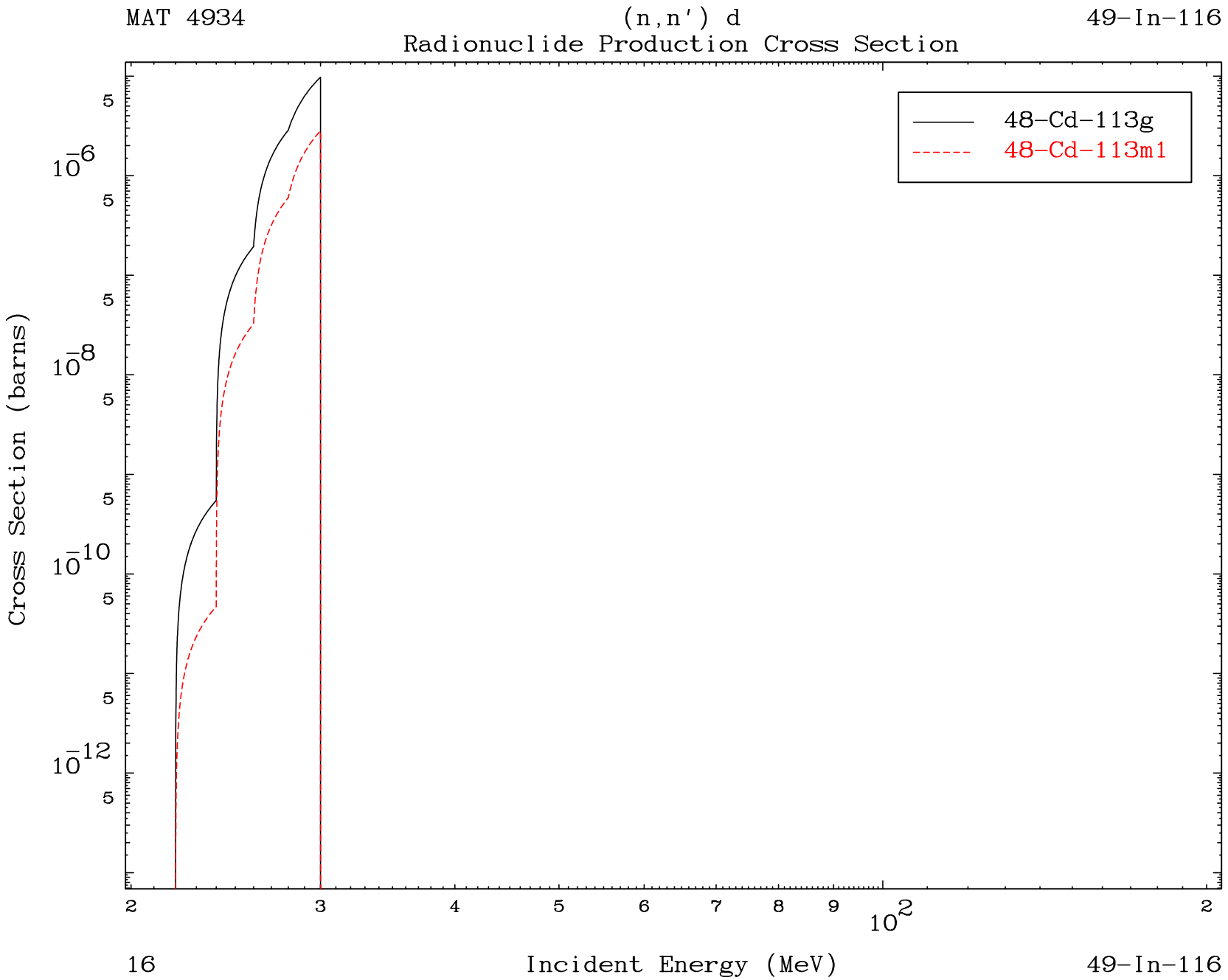

MAT 4934
Inelastic
49-In-116
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
Incident Energy (MeV)
11
49-In-116

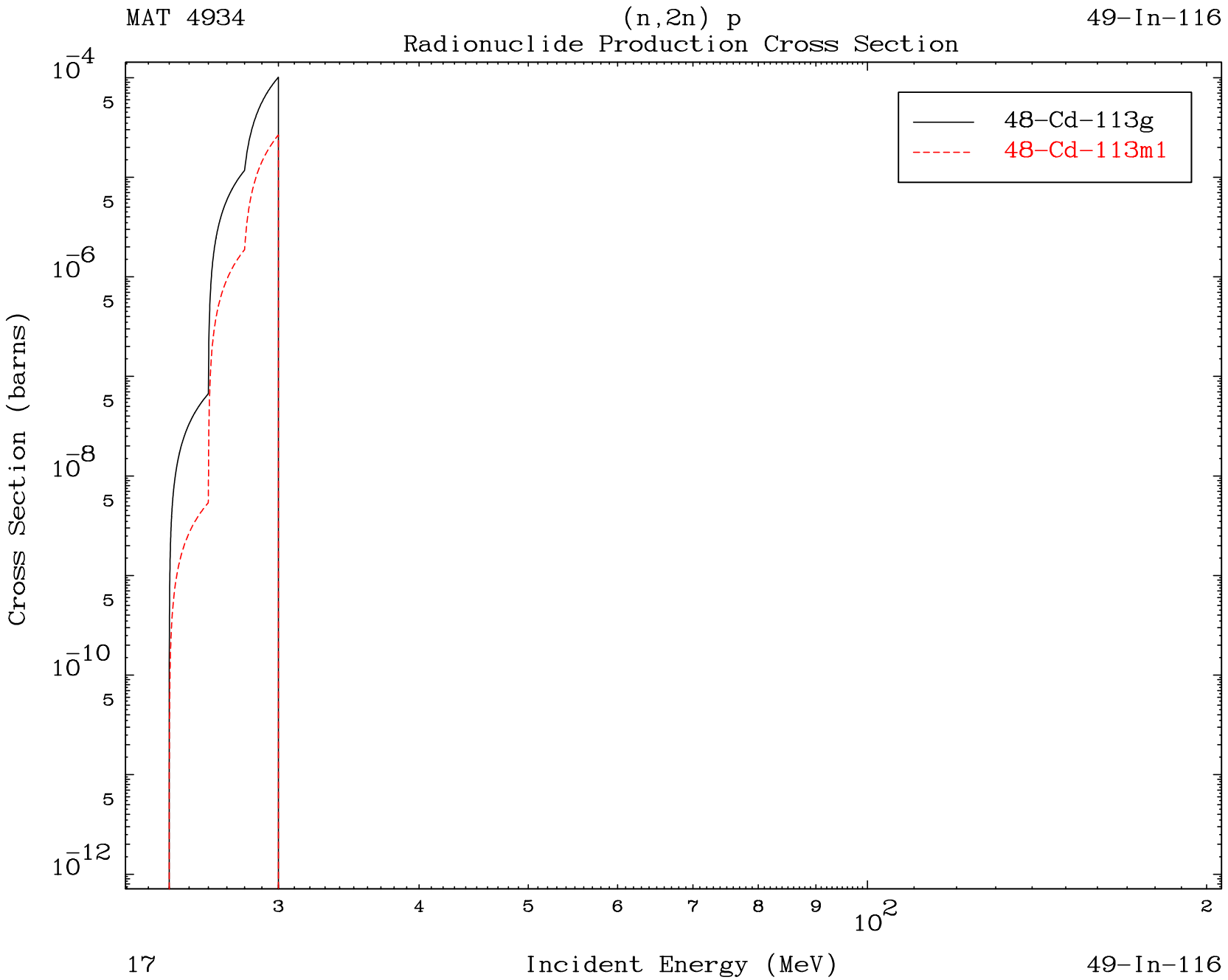

MAT 4934
(n,2n)
49-In-116
Radionuclide Production Cross Section
49-In-114g
49-In-114m1
Cross Section (barns)
10^1
10^2
Incident Energy (MeV)
12
49-In-116

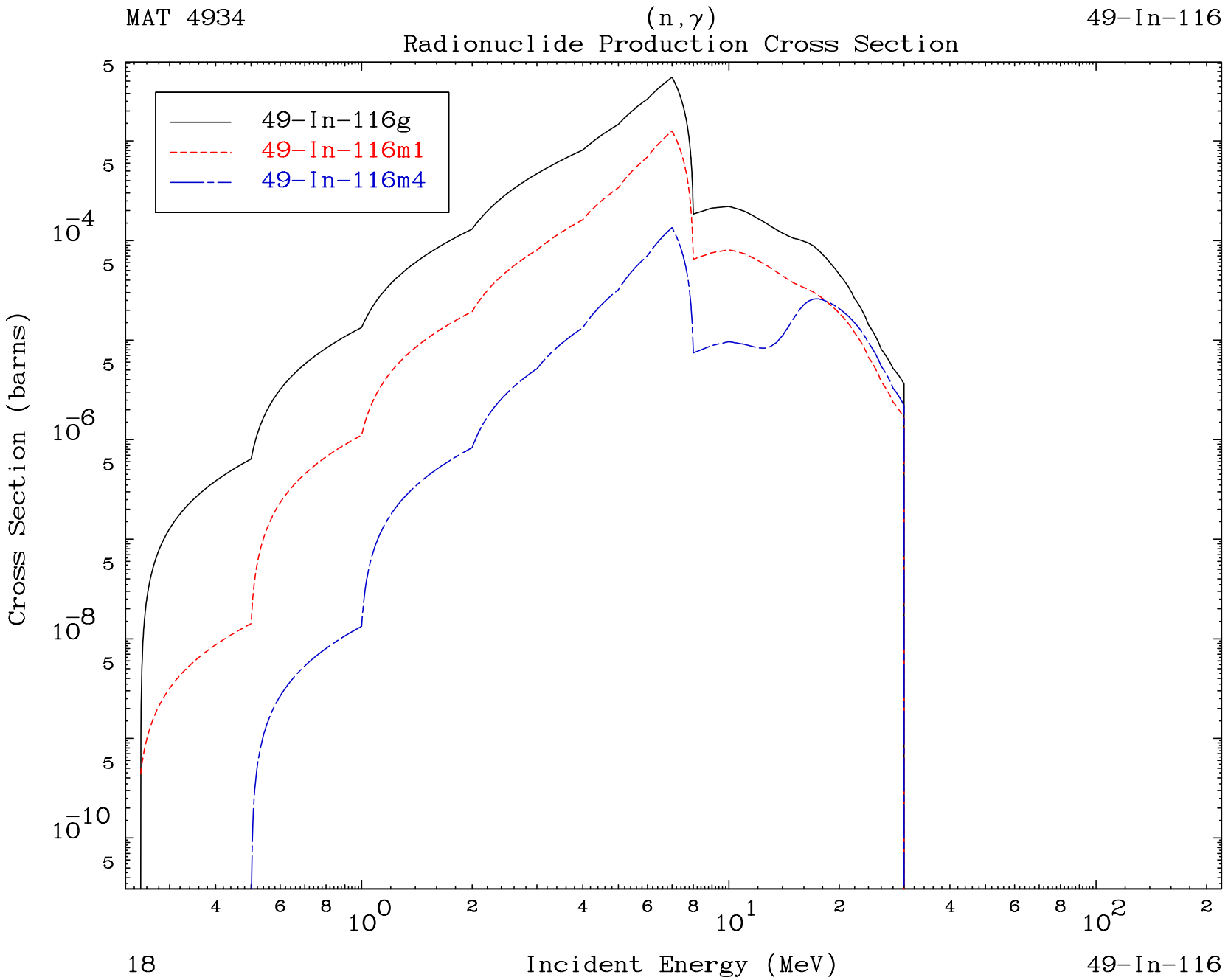

MAT 4934
(n,3n)
49-In-116
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
Incident Energy (MeV)
13
49-In-116

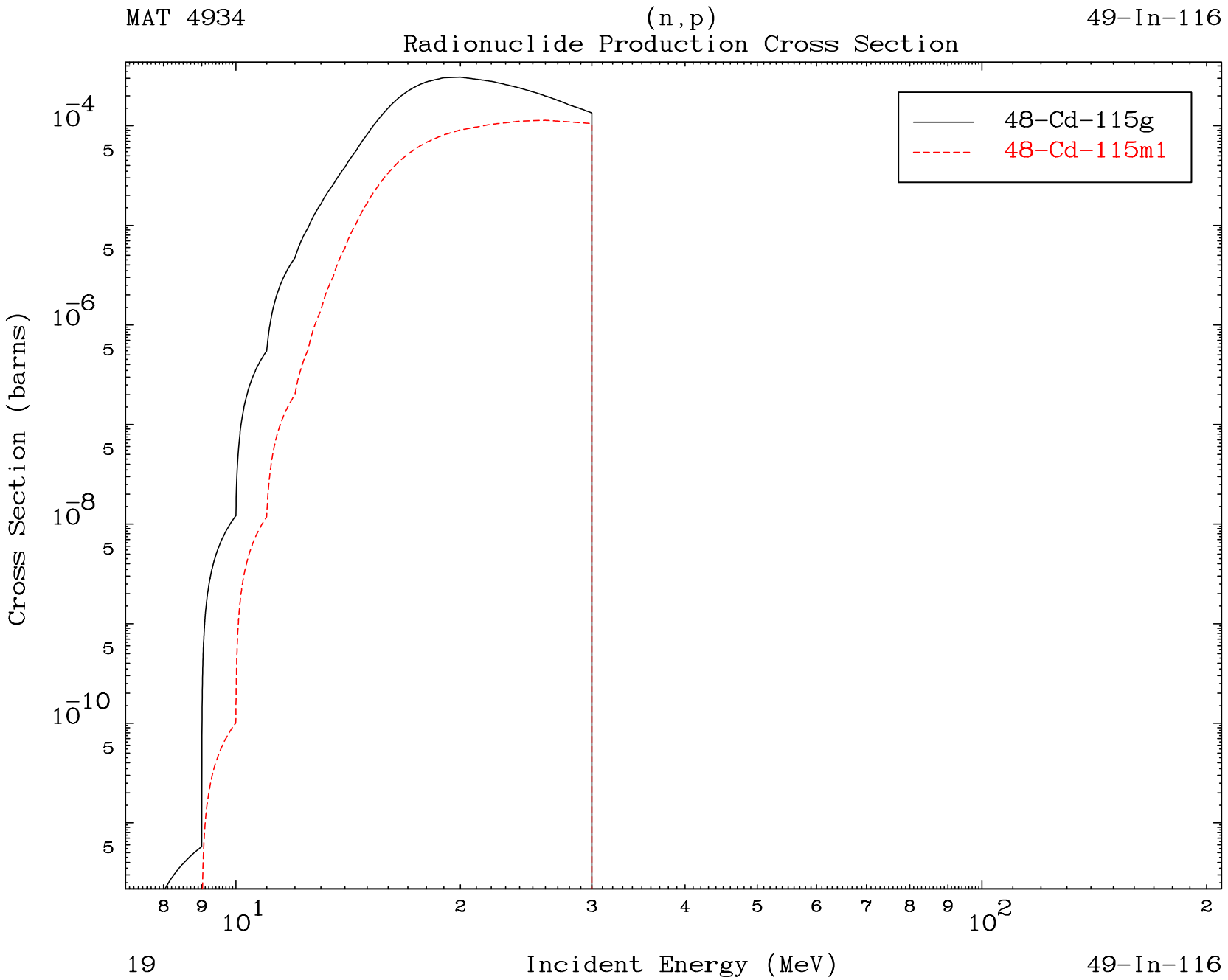

MAT 4934
(n,n') α
49-In-116
Radionuclide Production Cross Section
47-Ag-111g
47-Ag-111m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
49-In-116

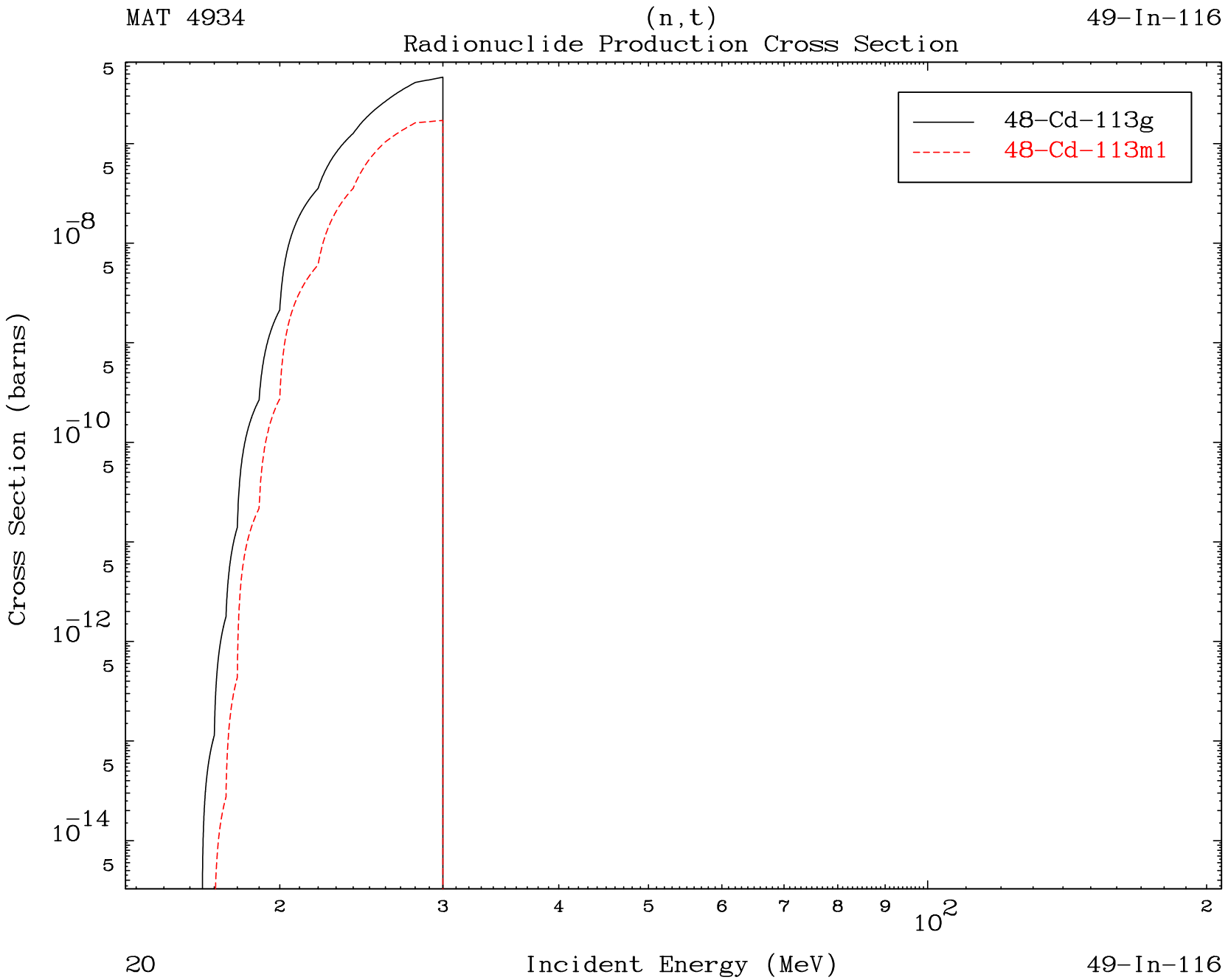

MAT 4934
(n,2n) α
49-In-116
Radionuclide Production Cross Section
47-Ag-110g
47-Ag-110m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
49-In-116

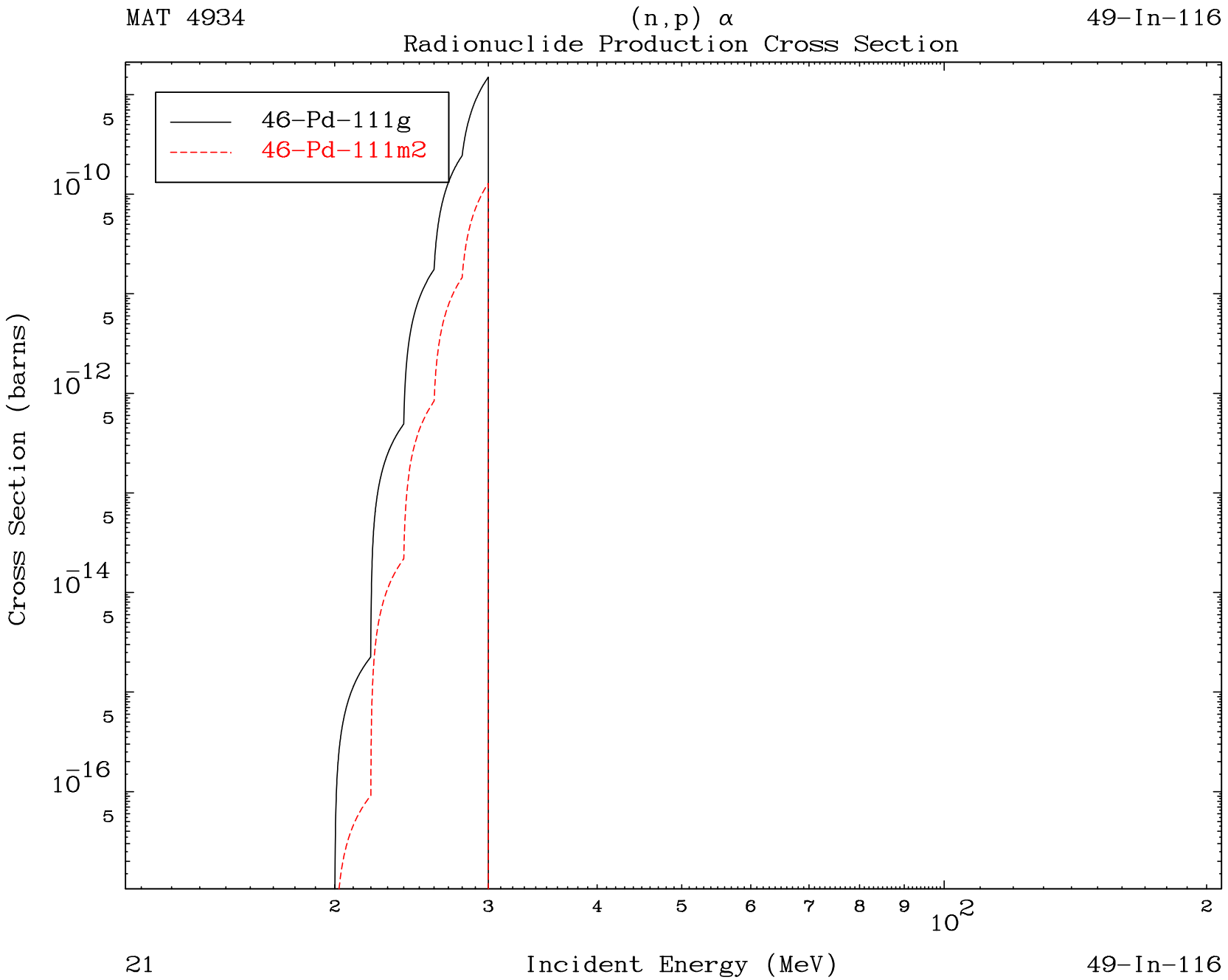

MAT 4934
(n,n') d
49-In-116
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
49-In-116


MAT 4934
(n,2n) p
49-In-116
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
Incident Energy (MeV)
17
49-In-116


MAT 4934
(n,γ)
49-In-116
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
18
49-In-116


MAT 4934
(n,p)
49-In-116
Radionuclide Production Cross Section
48-Cd-115g
48-Cd-115m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
19
49-In-116


MAT 4934
(n,t)
49-In-116
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
Incident Energy (MeV)
20
49-In-116


MAT 4934
(n,p) α
49-In-116
Radionuclide Production Cross Section
46-Pd-111g
46-Pd-111m2
Cross Section (barns)
10-10
10-12
10-14
10-16
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
49-In-116