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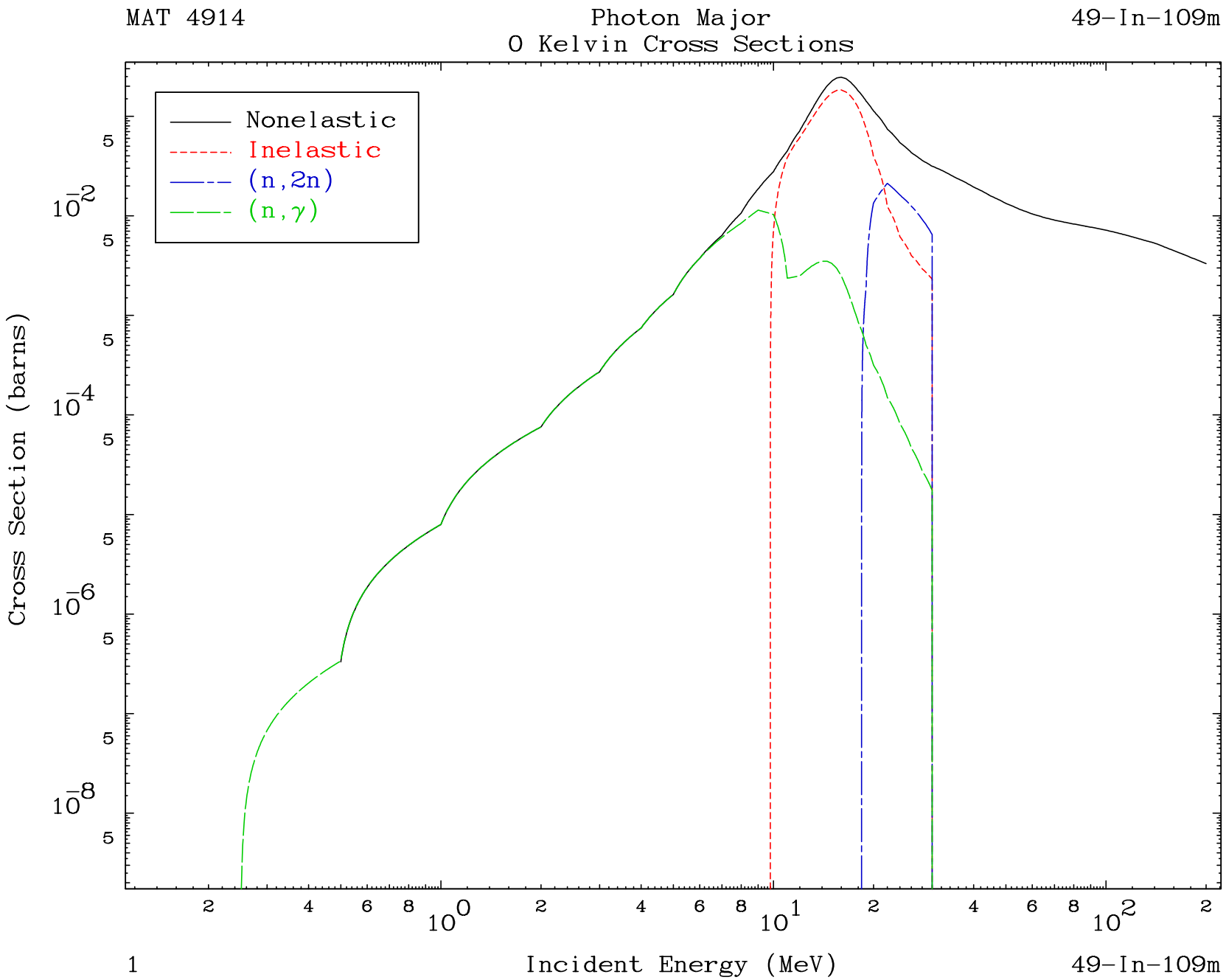
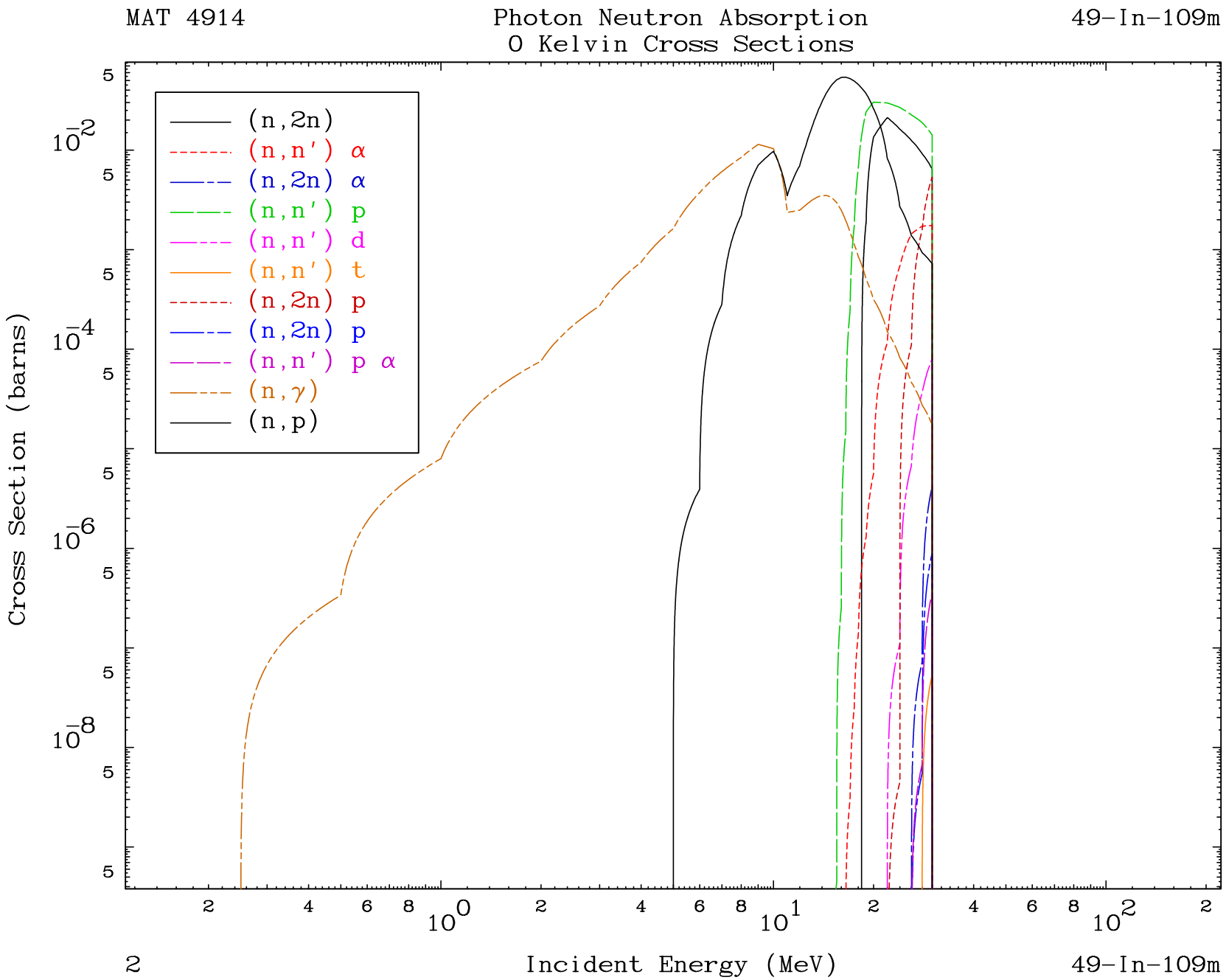
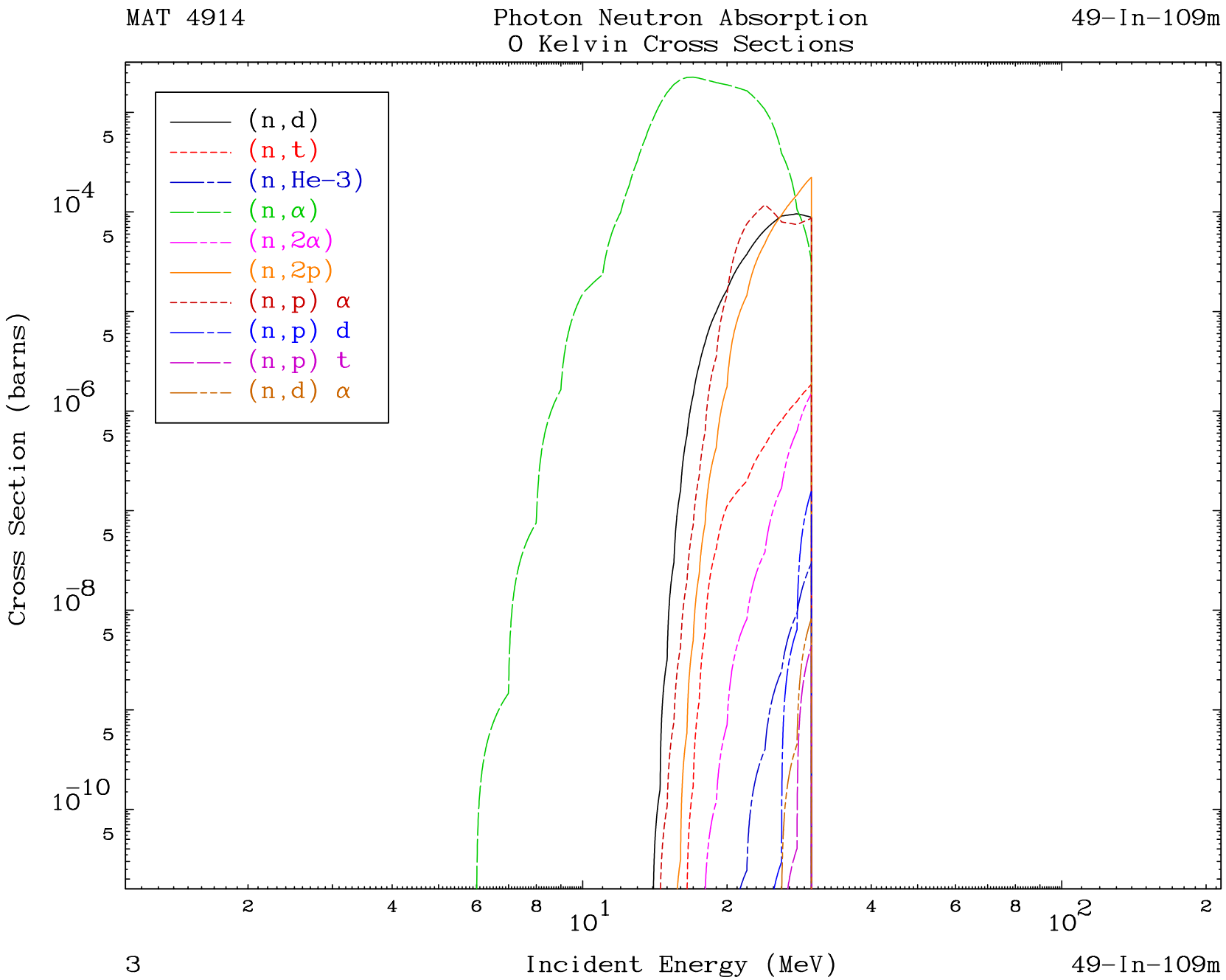
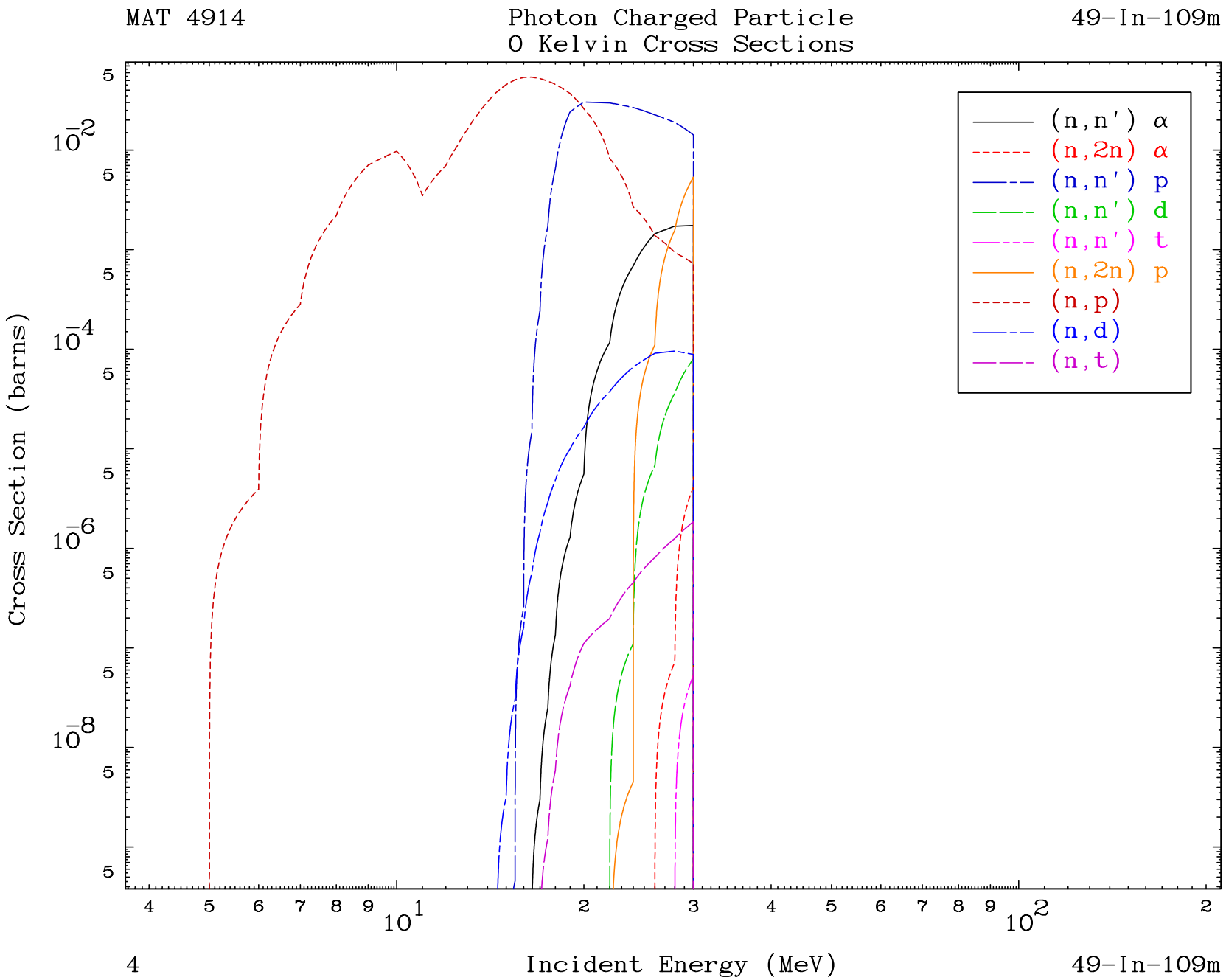
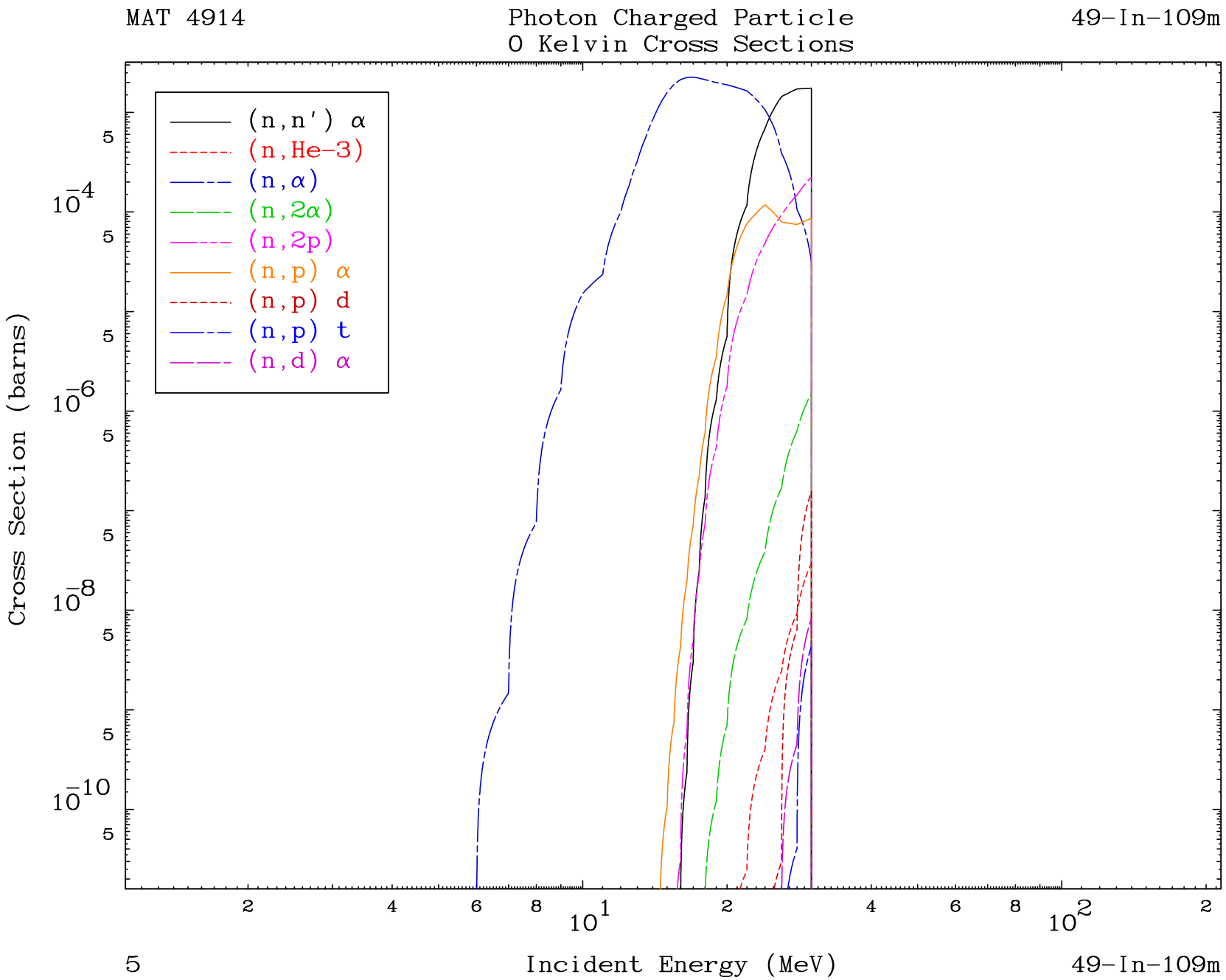
Press Mouse Button to Start

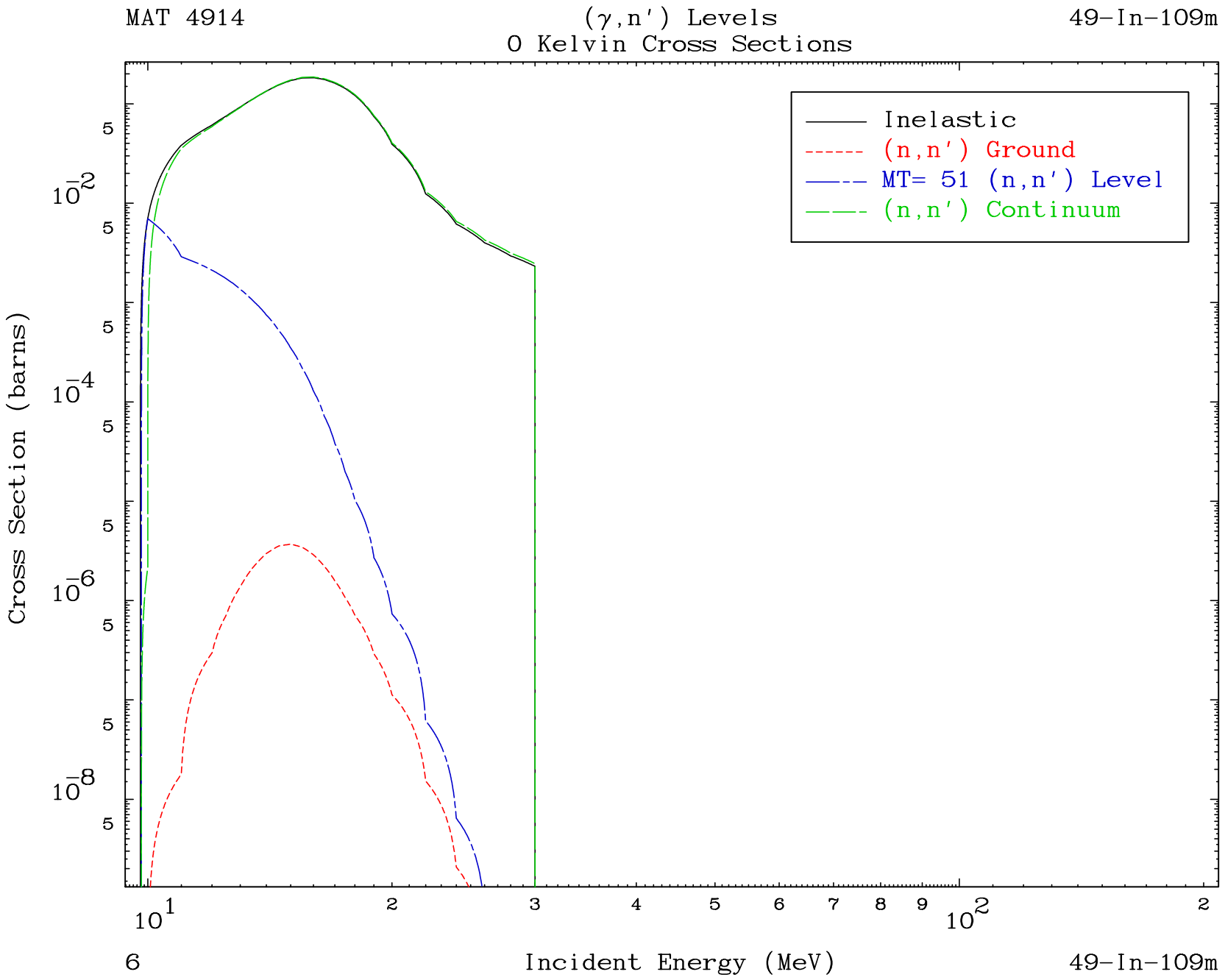

MAT 4914
Photon Major
49-In-109m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-109m
1

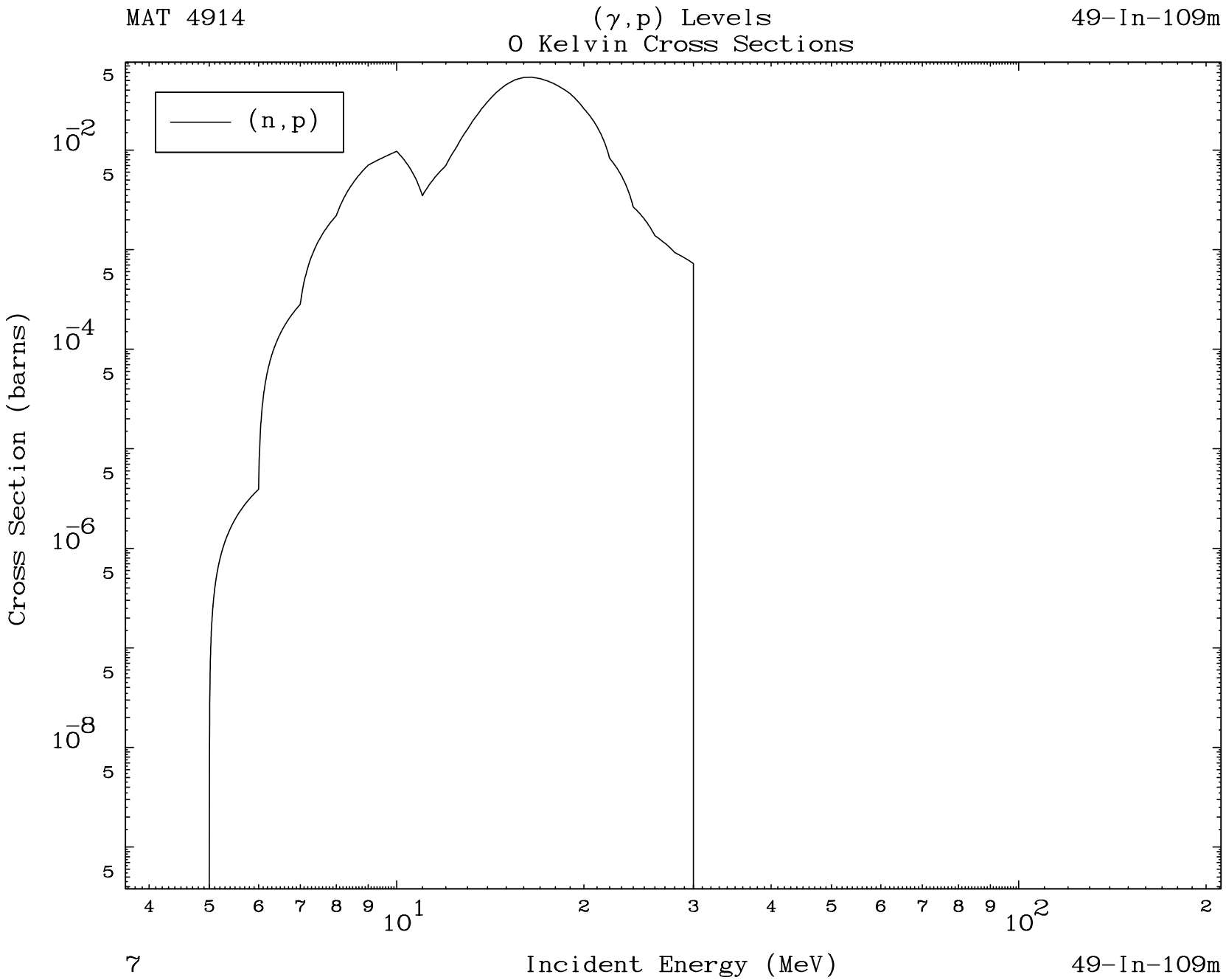

MAT 4914
Photon Neutron Absorption
0 Kelvin Cross Sections
49-In-109m
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
49-In-109m

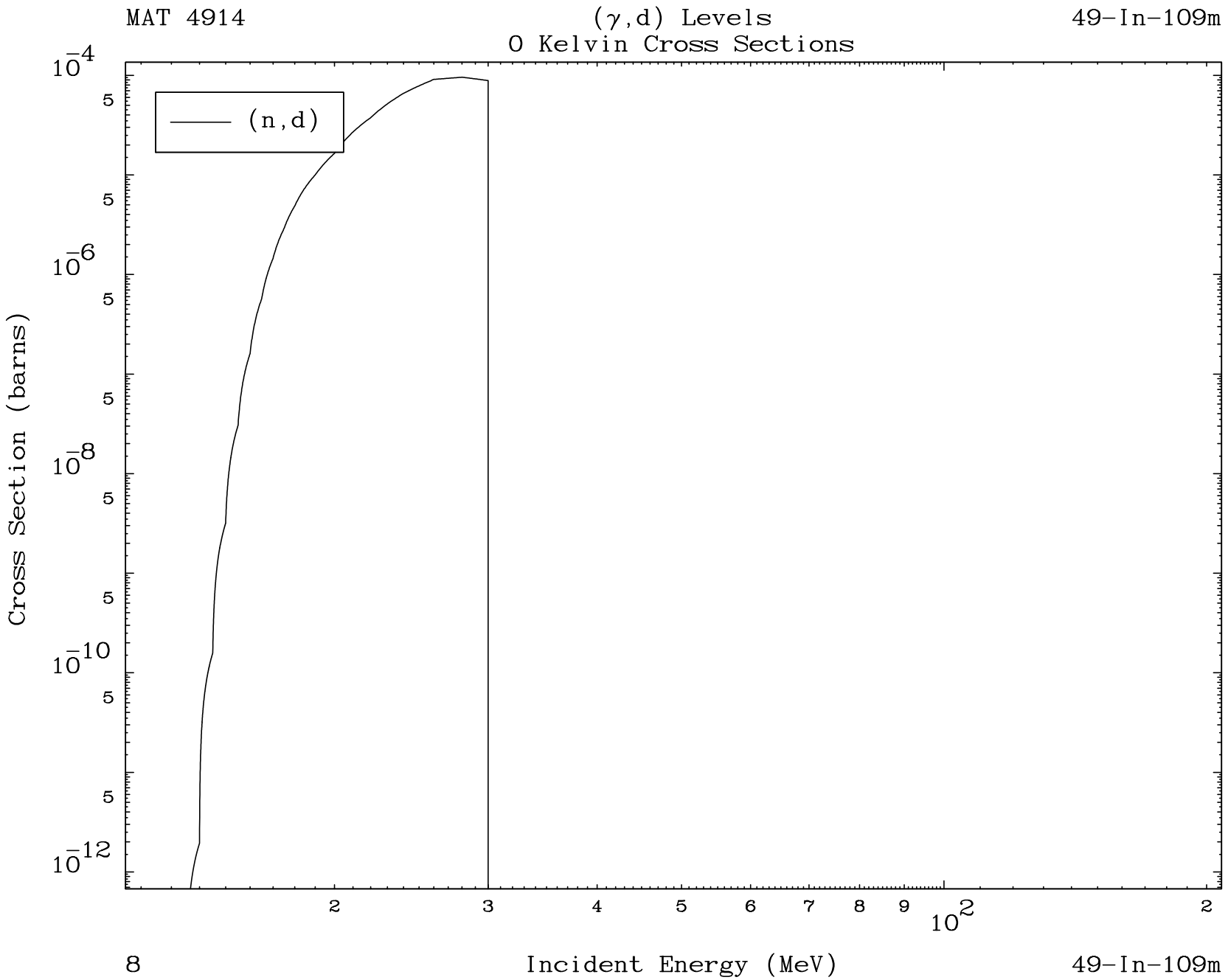

MAT 4914
Photon Neutron Absorption
0 Kelvin Cross Sections
49-In-109m
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-109m

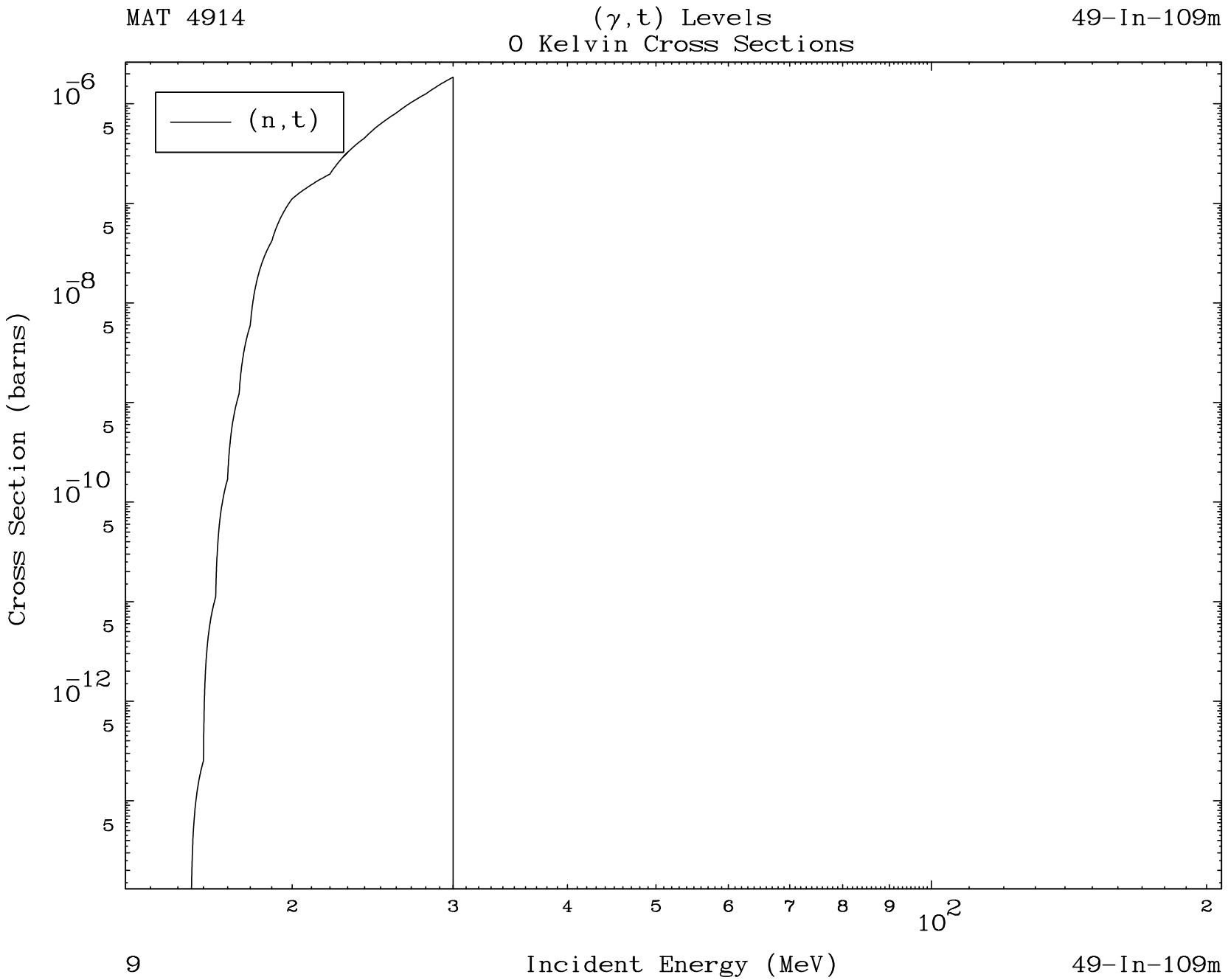

MAT 4914
Photon Charged Particle
0 Kelvin Cross Sections
49-In-109m
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
4
49-In-109m

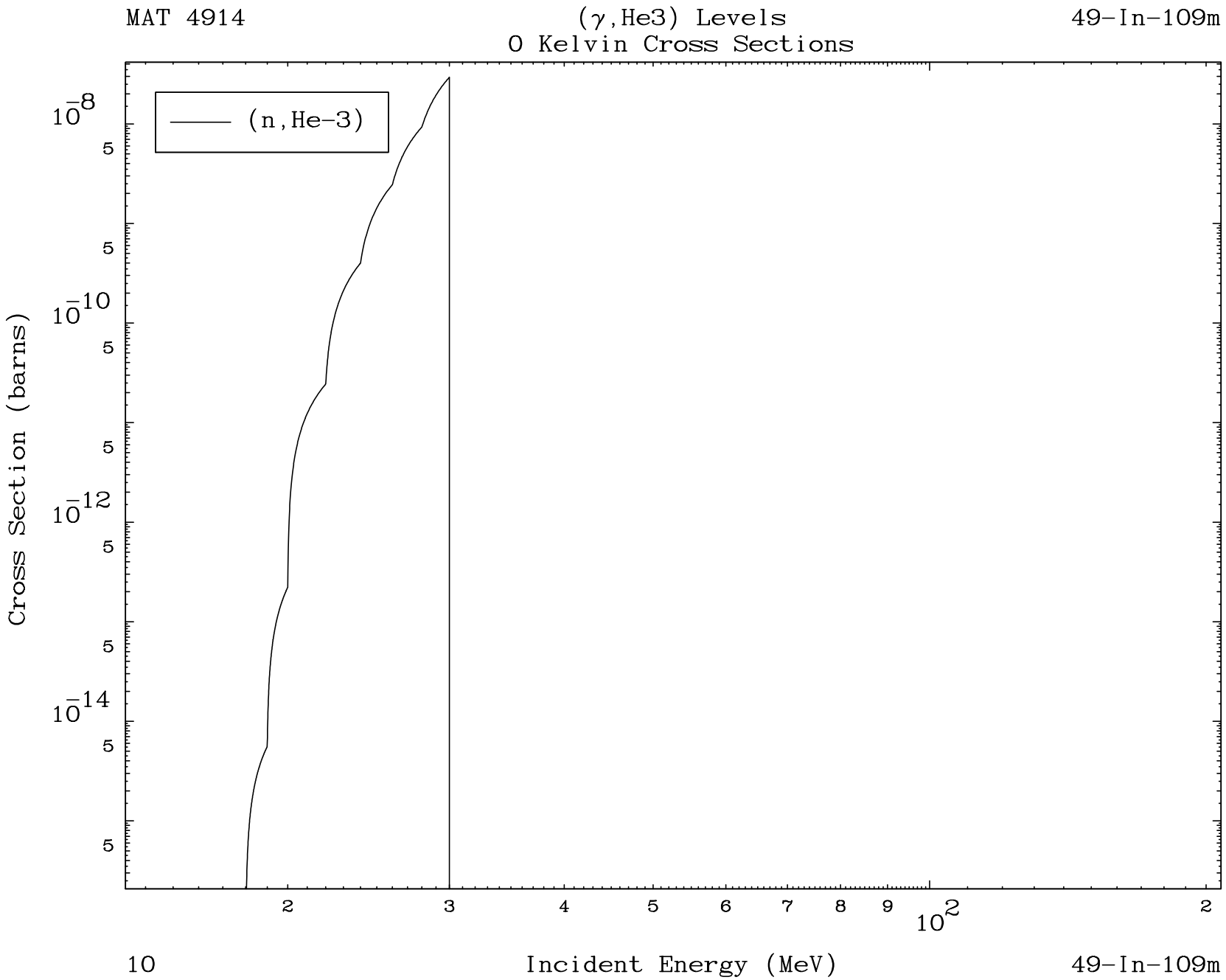

MAT 4914
Photon Charged Particle
0 Kelvin Cross Sections
49-In-109m
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
49-In-109m

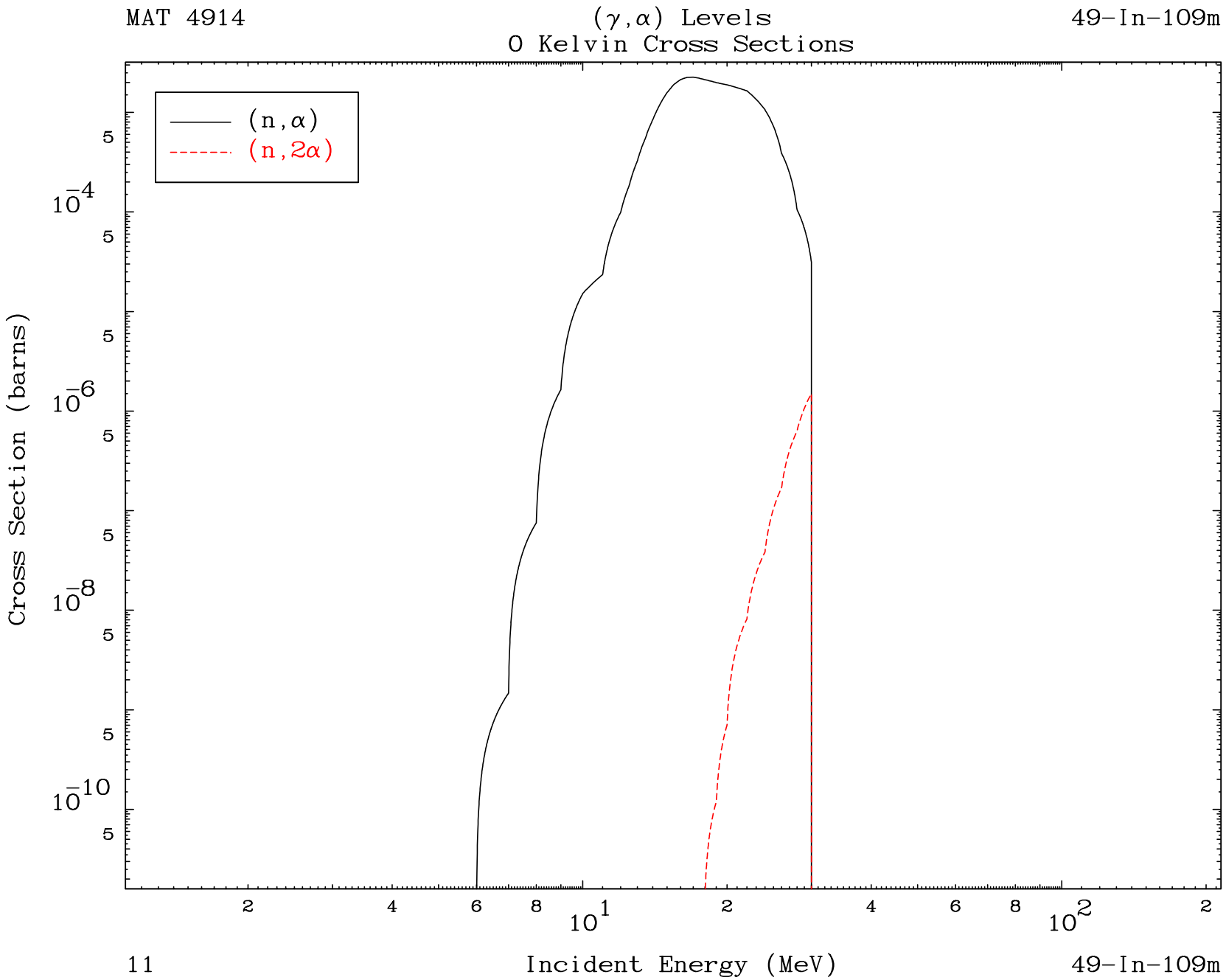

MAT 4914
(γ,n') Levels
0 Kelvin Cross Sections
49-In-109m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
49-In-109m
6

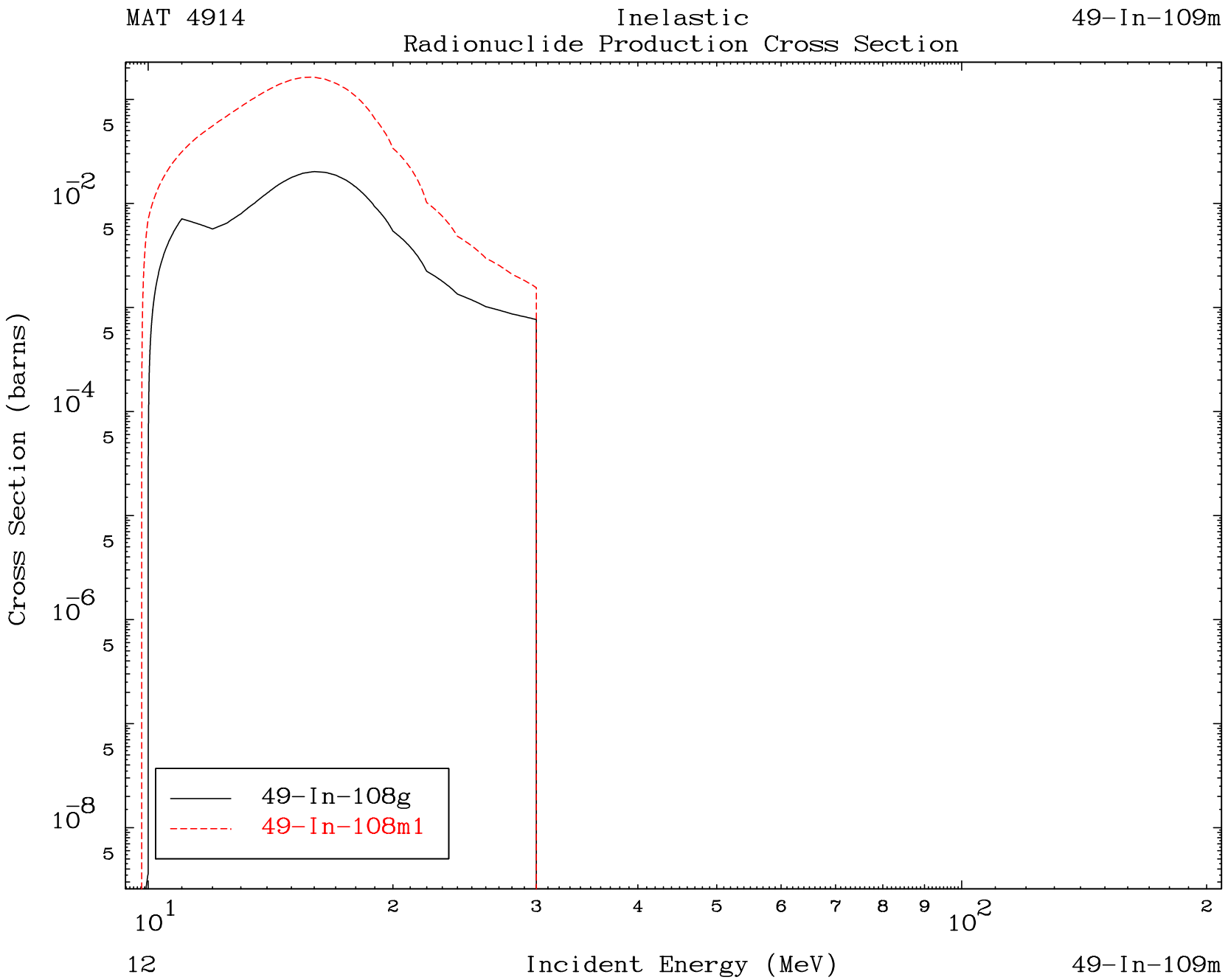

MAT 4914
(γ,p) Levels
49-In-109m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
7
49-In-109m

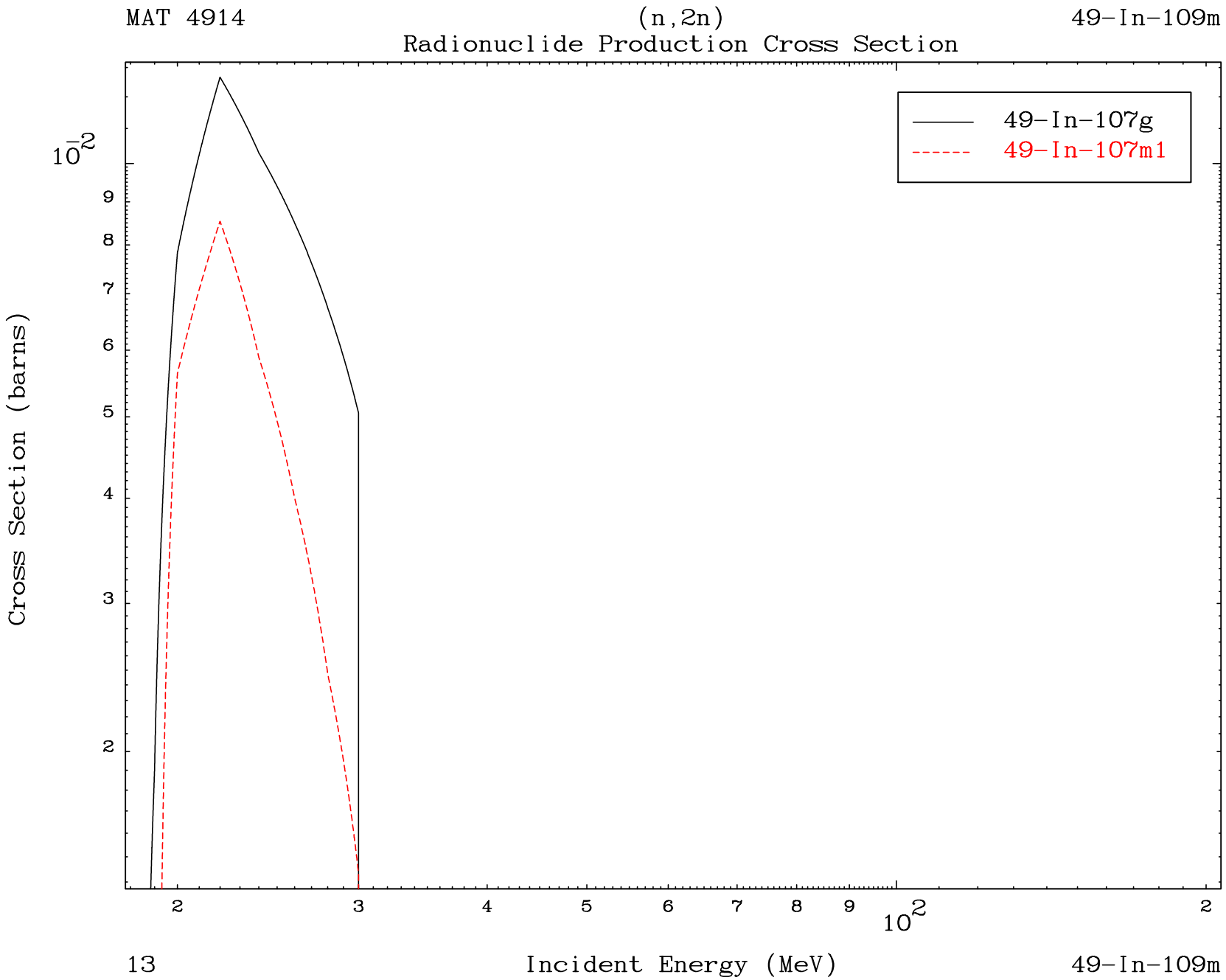

MAT 4914
(γ,d) Levels
49-In-109m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
49-In-109m

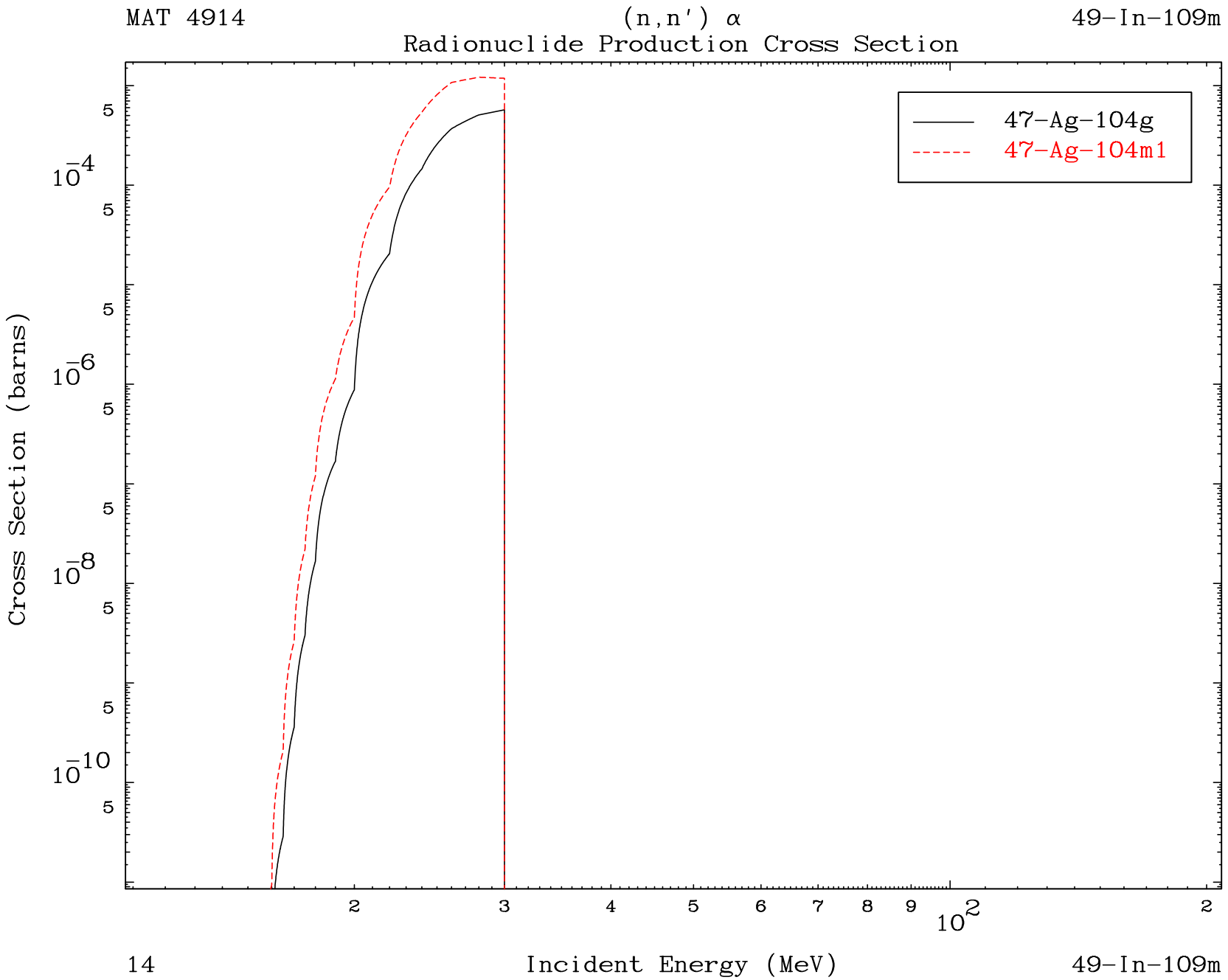

MAT 4914
(γ,t) Levels
49-In-109m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
9
49-In-109m

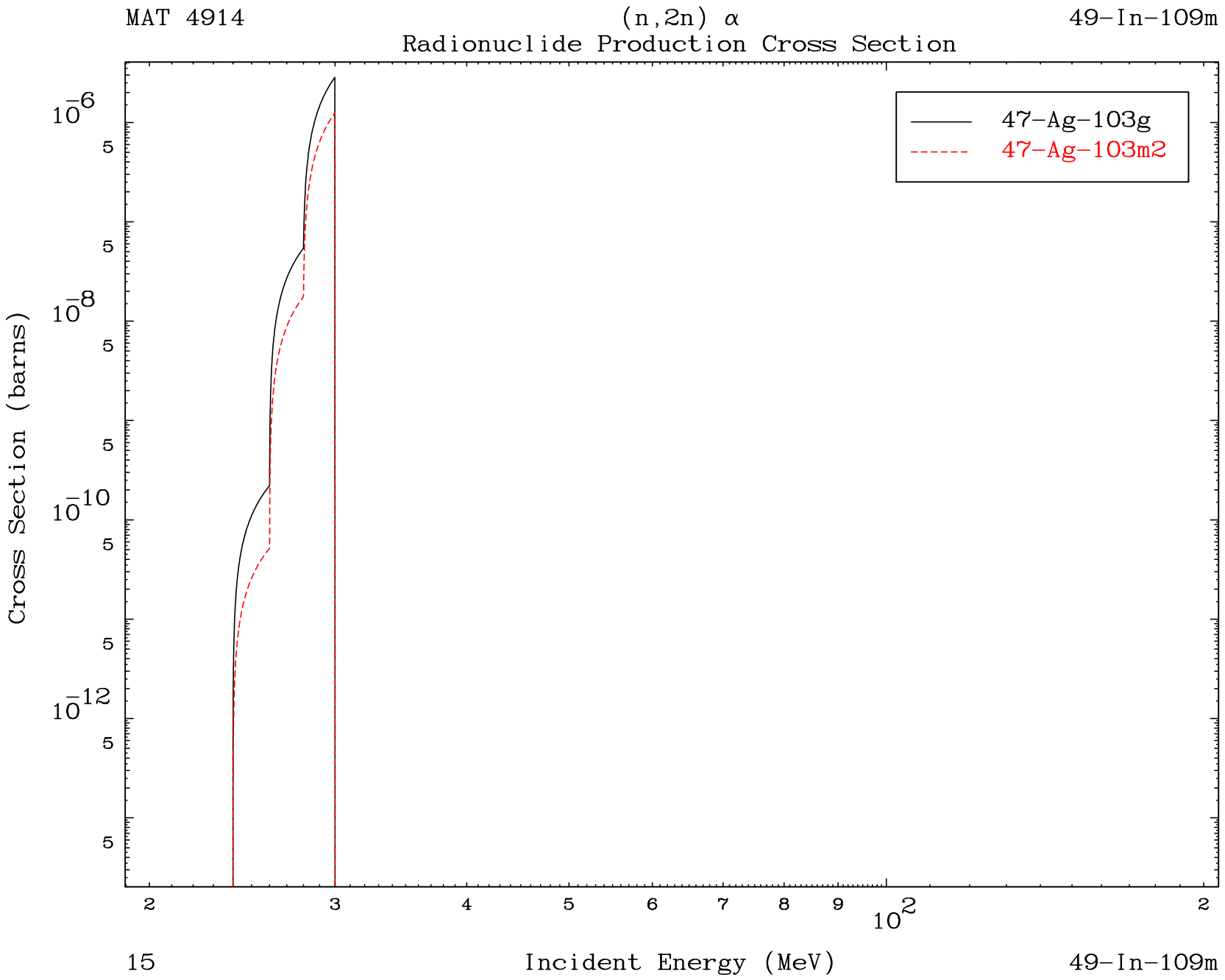

MAT 4914
(γ,He3) Levels
49-In-109m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
49-In-109m

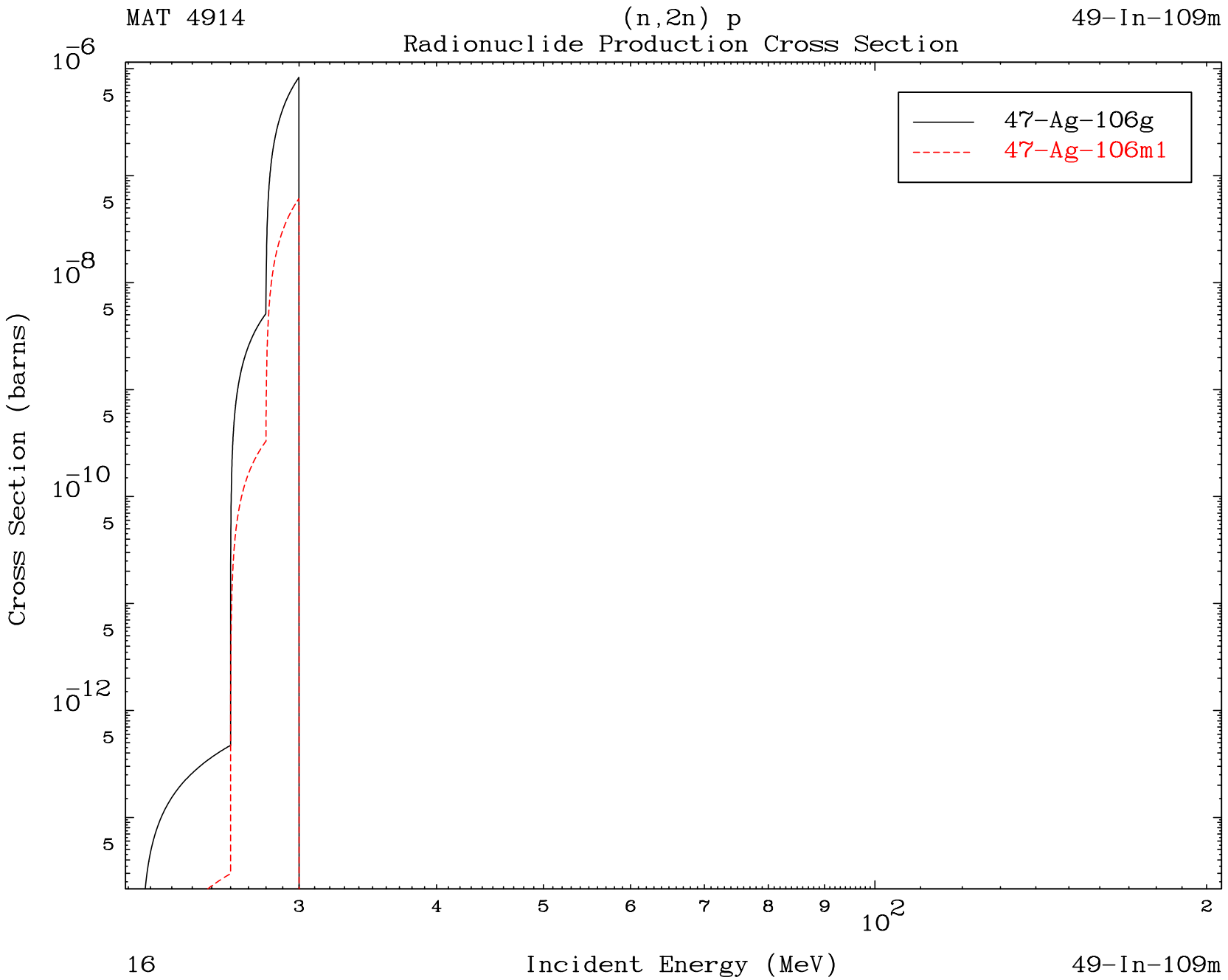

MAT 4914
(γ,α) Levels
49-In-109m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
11
49-In-109m

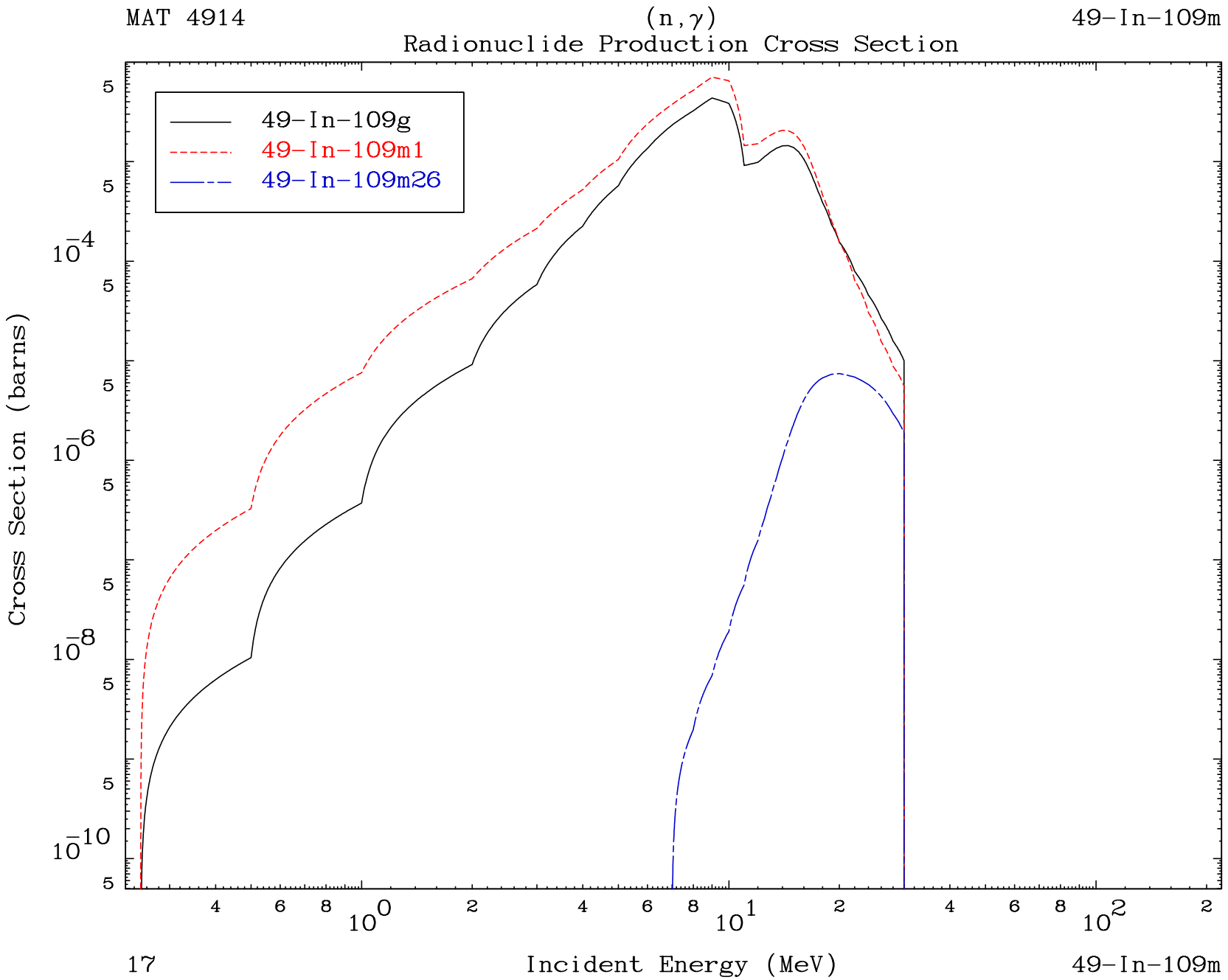

MAT 4914
Inelastic
49-In-109m
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
49-In-108g
49-In-108m1
12
Incident Energy (MeV)
49-In-109m

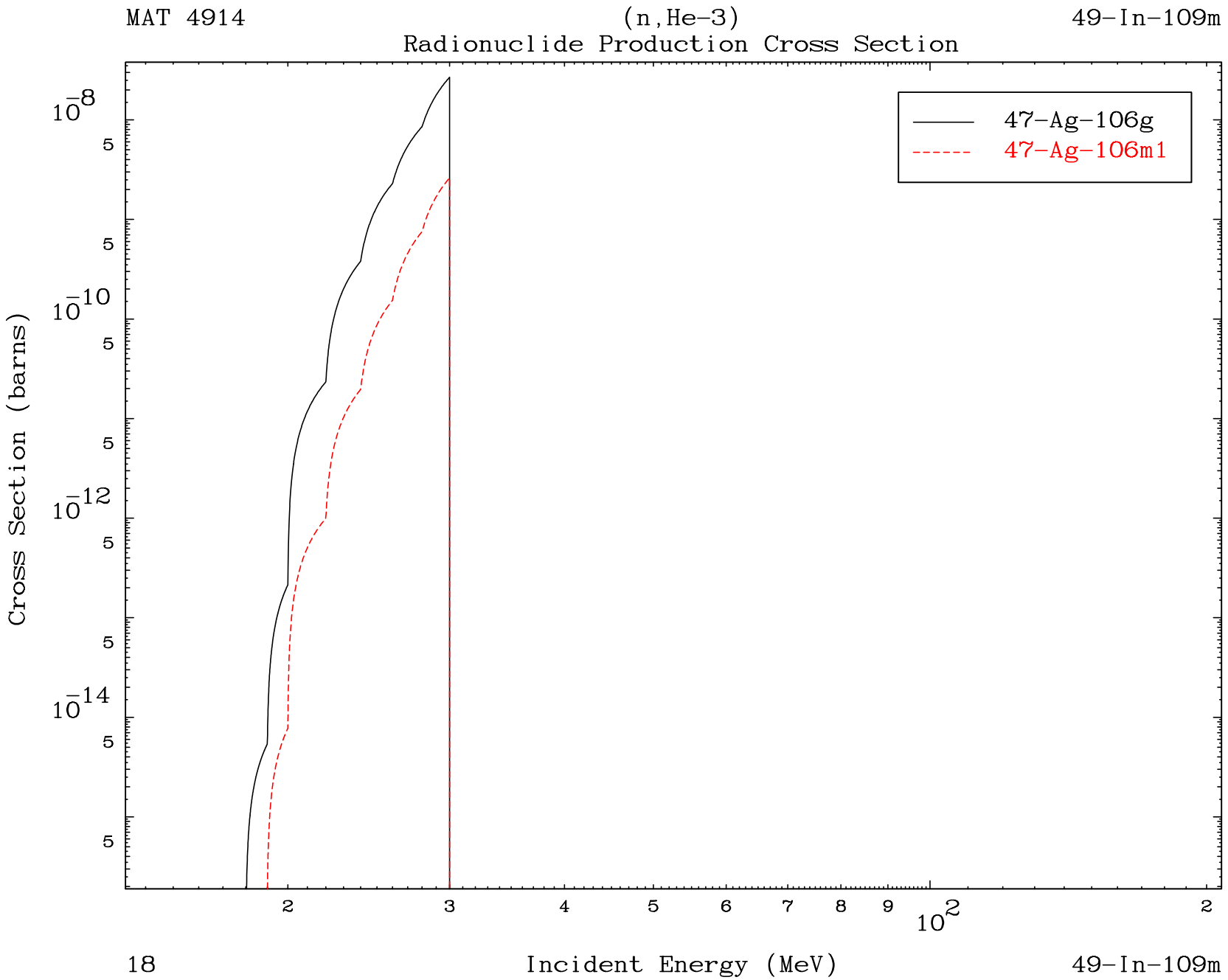

MAT 4914
(n,2n)
49-In-109m
Radionuclide Production Cross Section
49-In-107g
49-In-107m1
Cross Section (barns)
10-2
9
8
7
6
5
4
3
2
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
49-In-109m

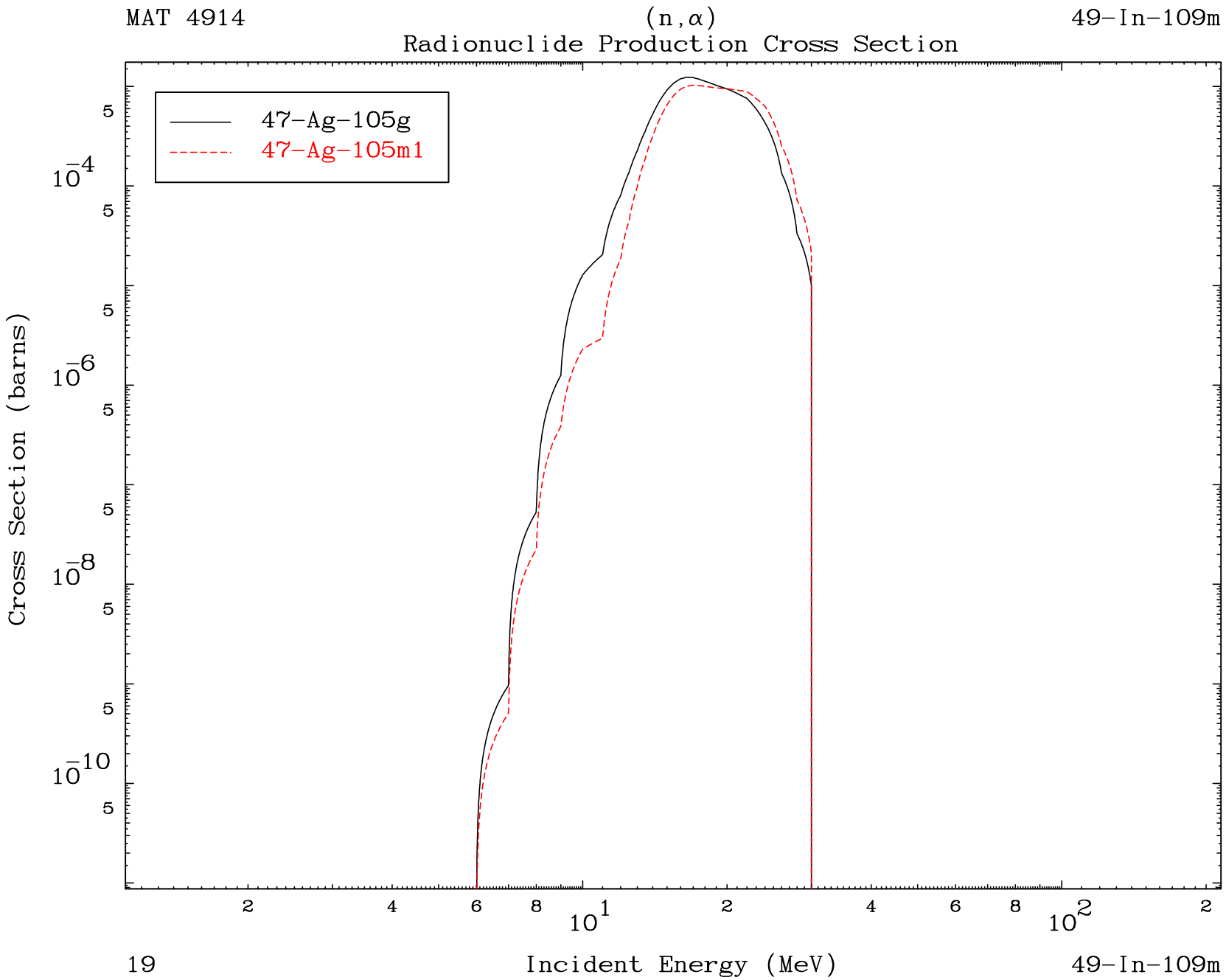

MAT 4914
(n,n') α
49-In-109m
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
49-In-109m

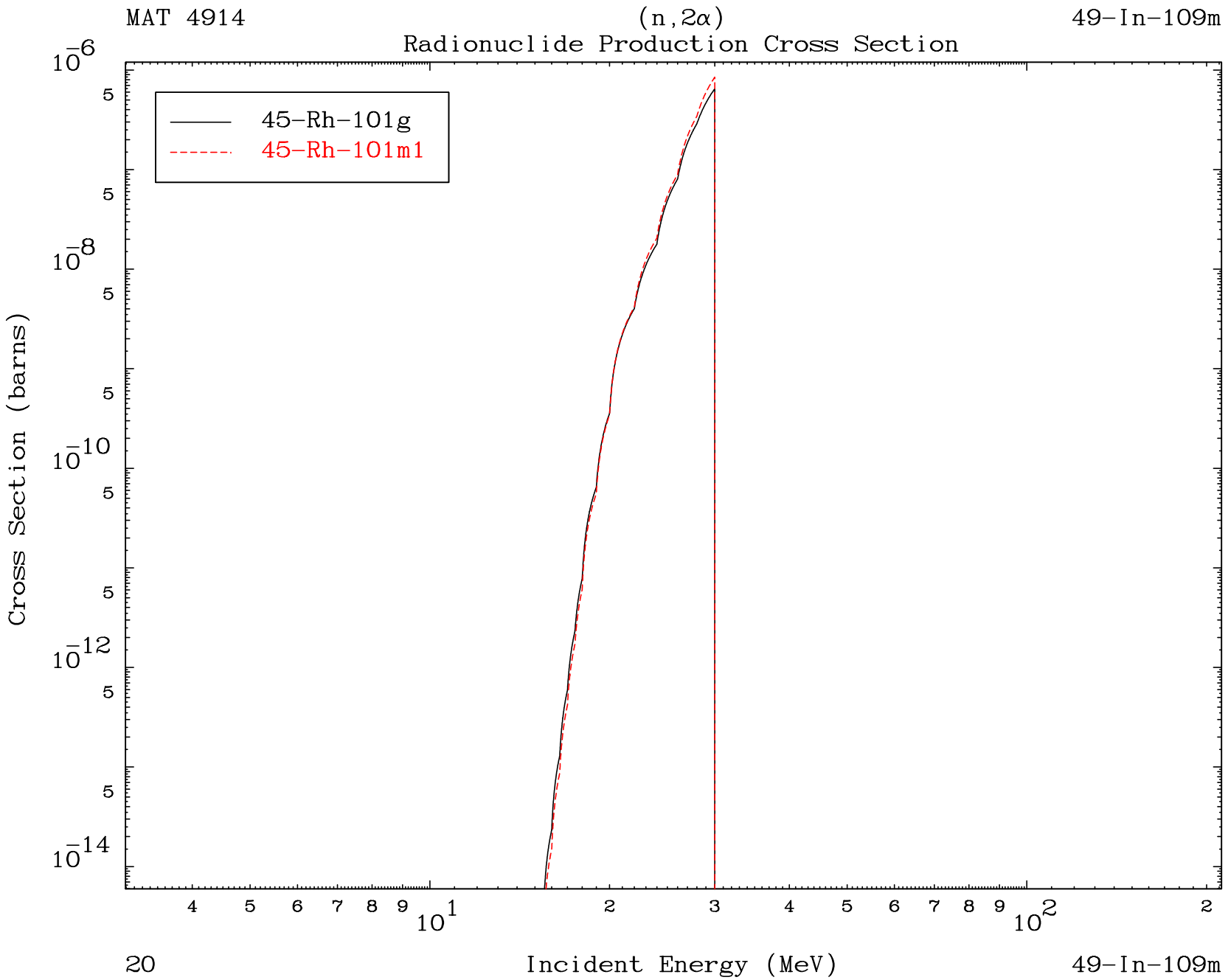

MAT 4914
(n,2n) α
49-In-109m
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
49-In-109m

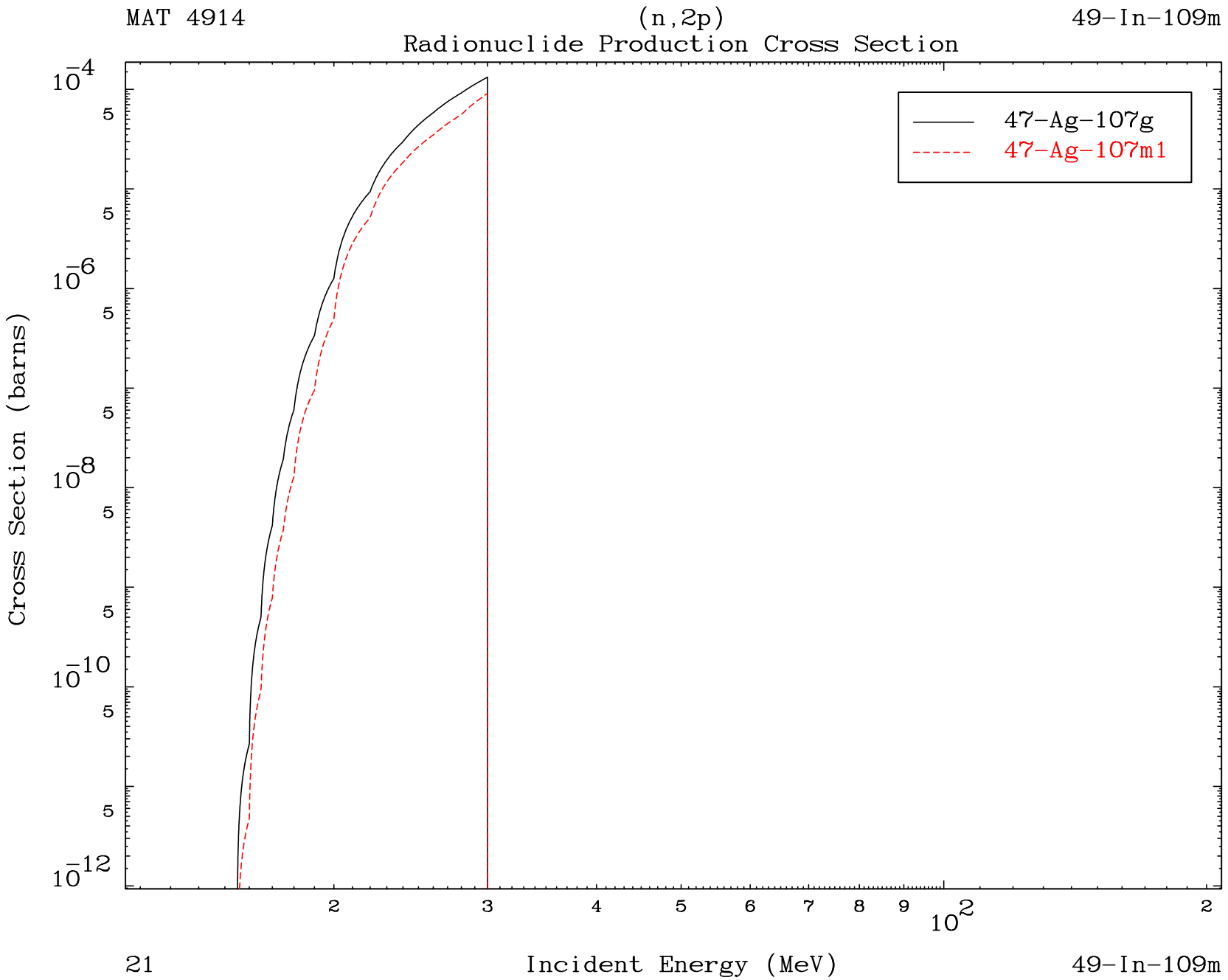

MAT 4914
(n,2n) p
49-In-109m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
Incident Energy (MeV)
16
49-In-109m

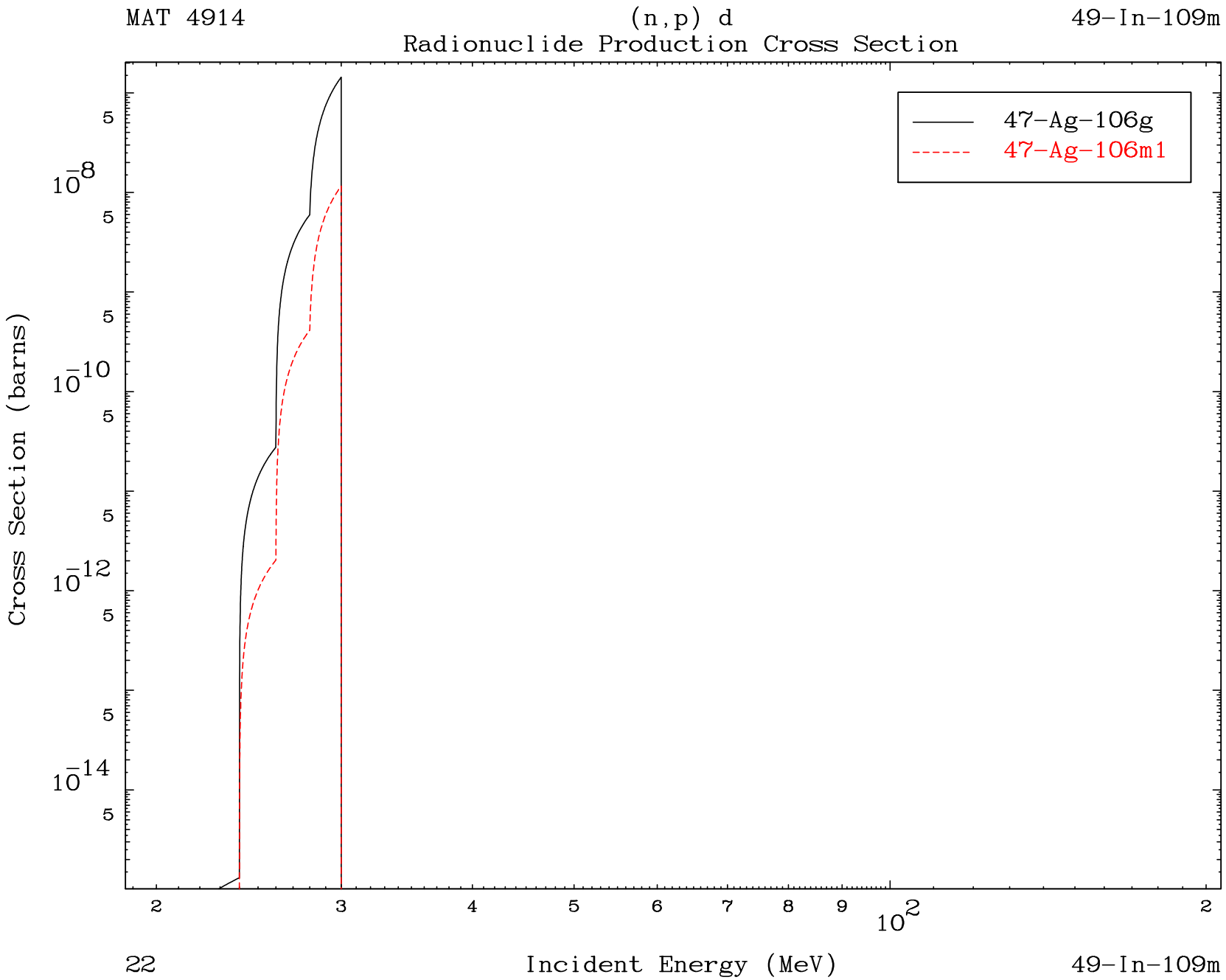

MAT 4914
(n,γ)
49-In-109m
Radionuclide Production Cross Section
49-In-109g
49-In-109m1
49-In-109m26
Cross Section (barns)
Incident Energy (MeV)
17
49-In-109m

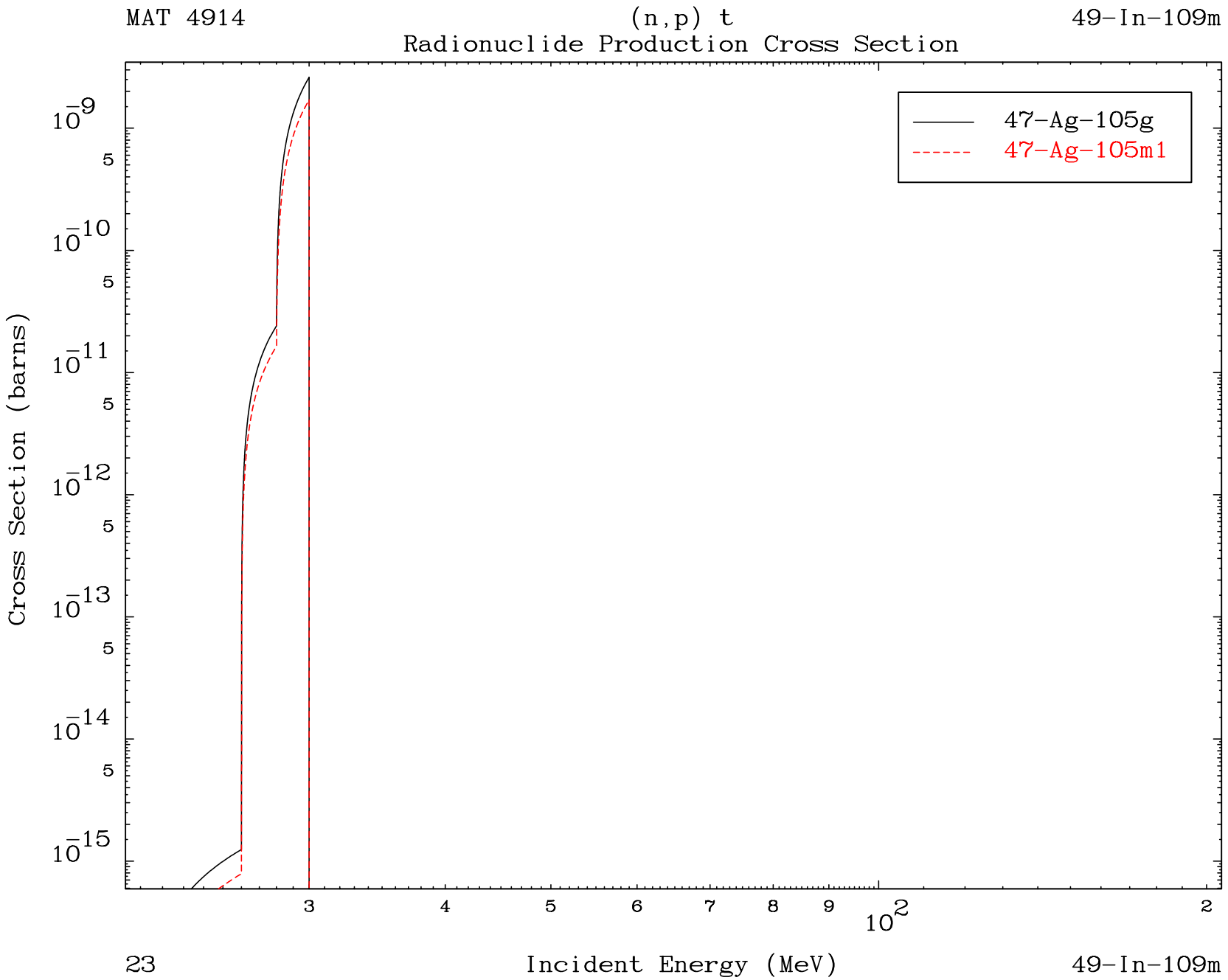

MAT 4914
(n,He-3)
49-In-109m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-109m


MAT 4914
(n,α)
49-In-109m
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
19
49-In-109m


MAT 4914
(n,2α)
49-In-109m
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
Incident Energy (MeV)
20
49-In-109m


MAT 4914
(n,2p)
49-In-109m
Radionuclide Production Cross Section
47-Ag-107g
47-Ag-107m1
Cross Section (barns)
Incident Energy (MeV)
21
49-In-109m


MAT 4914
(n,p) d
49-In-109m
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
49-In-109m


MAT 4914
(n,p) t
49-In-109m
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
23
49-In-109m