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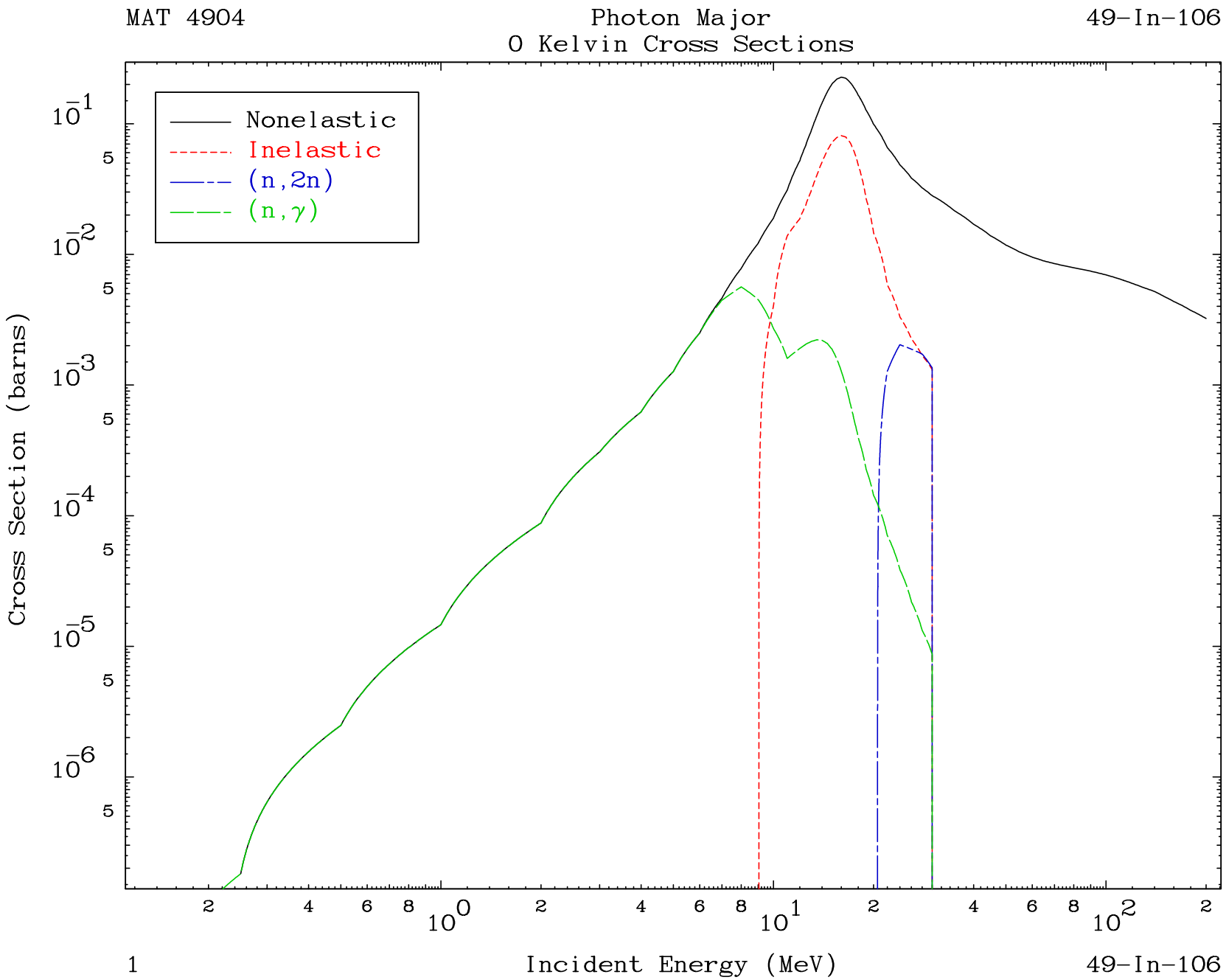
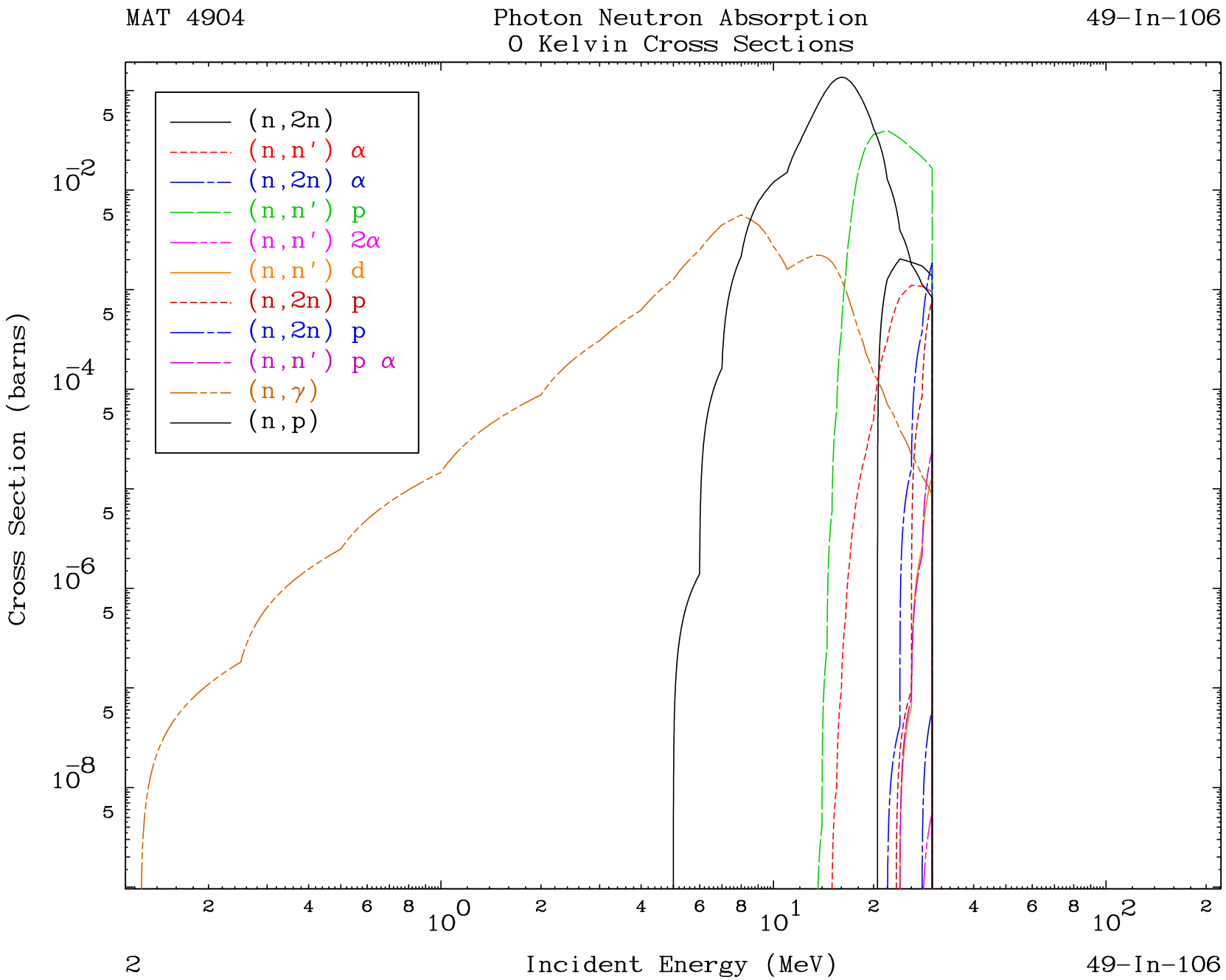
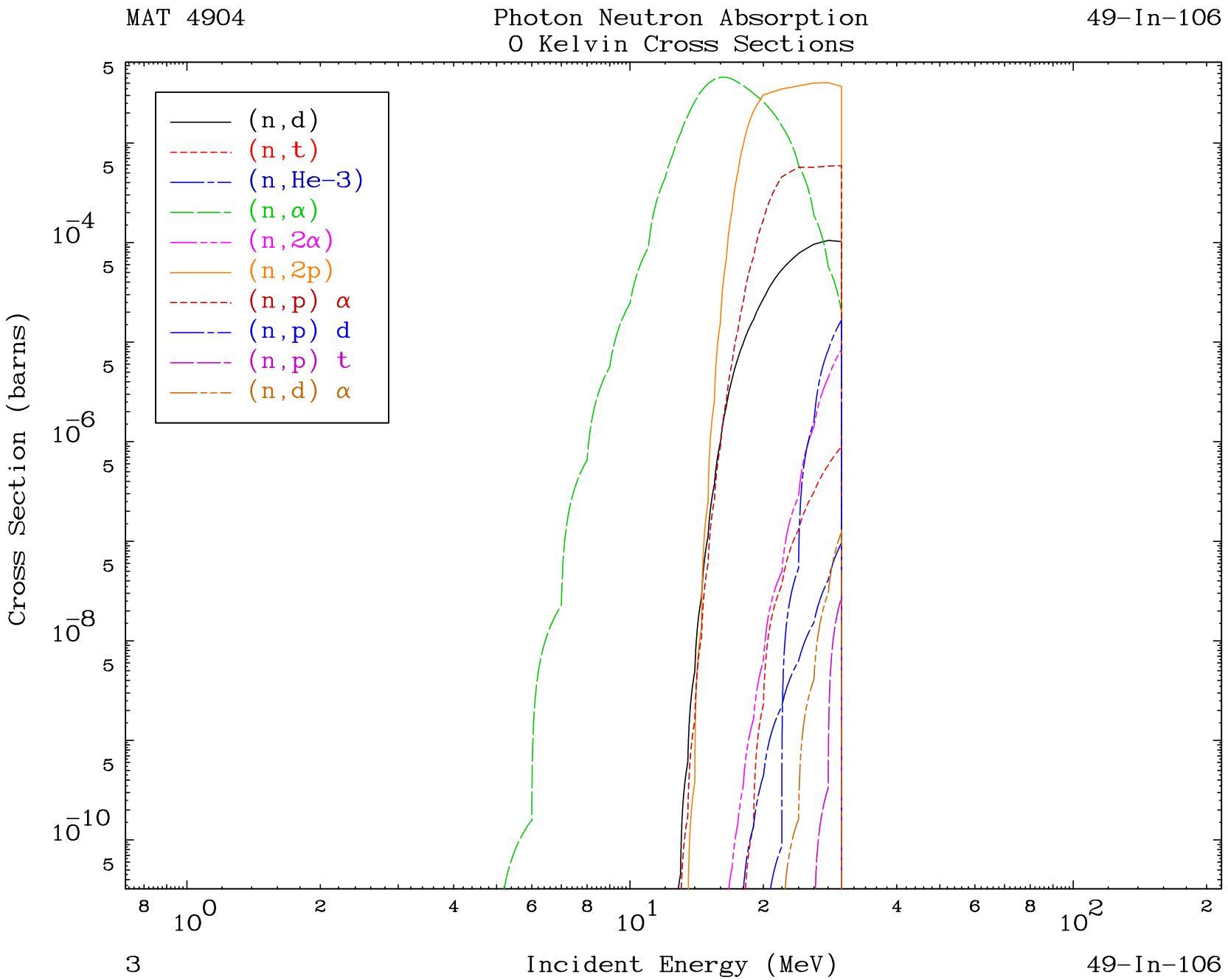
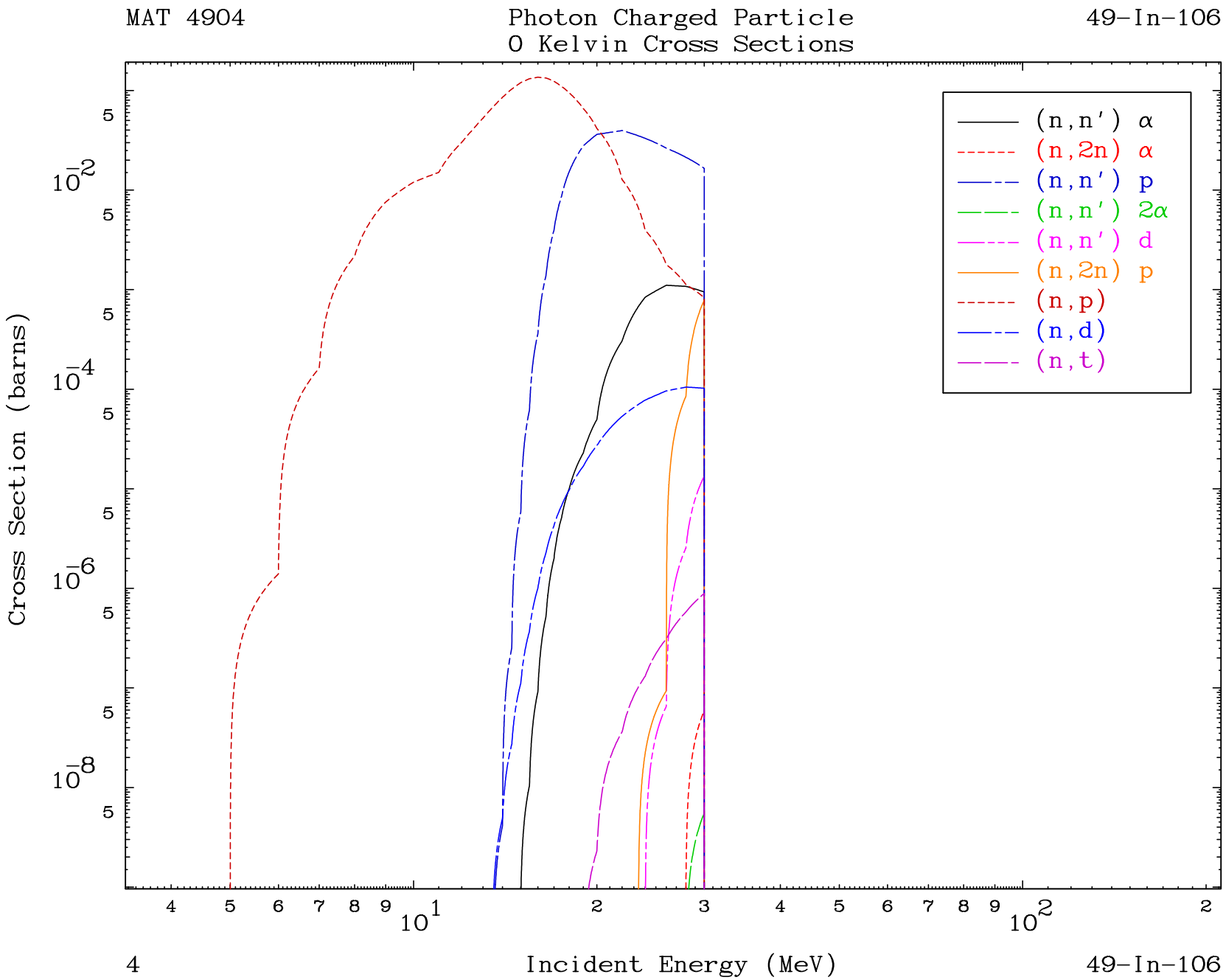
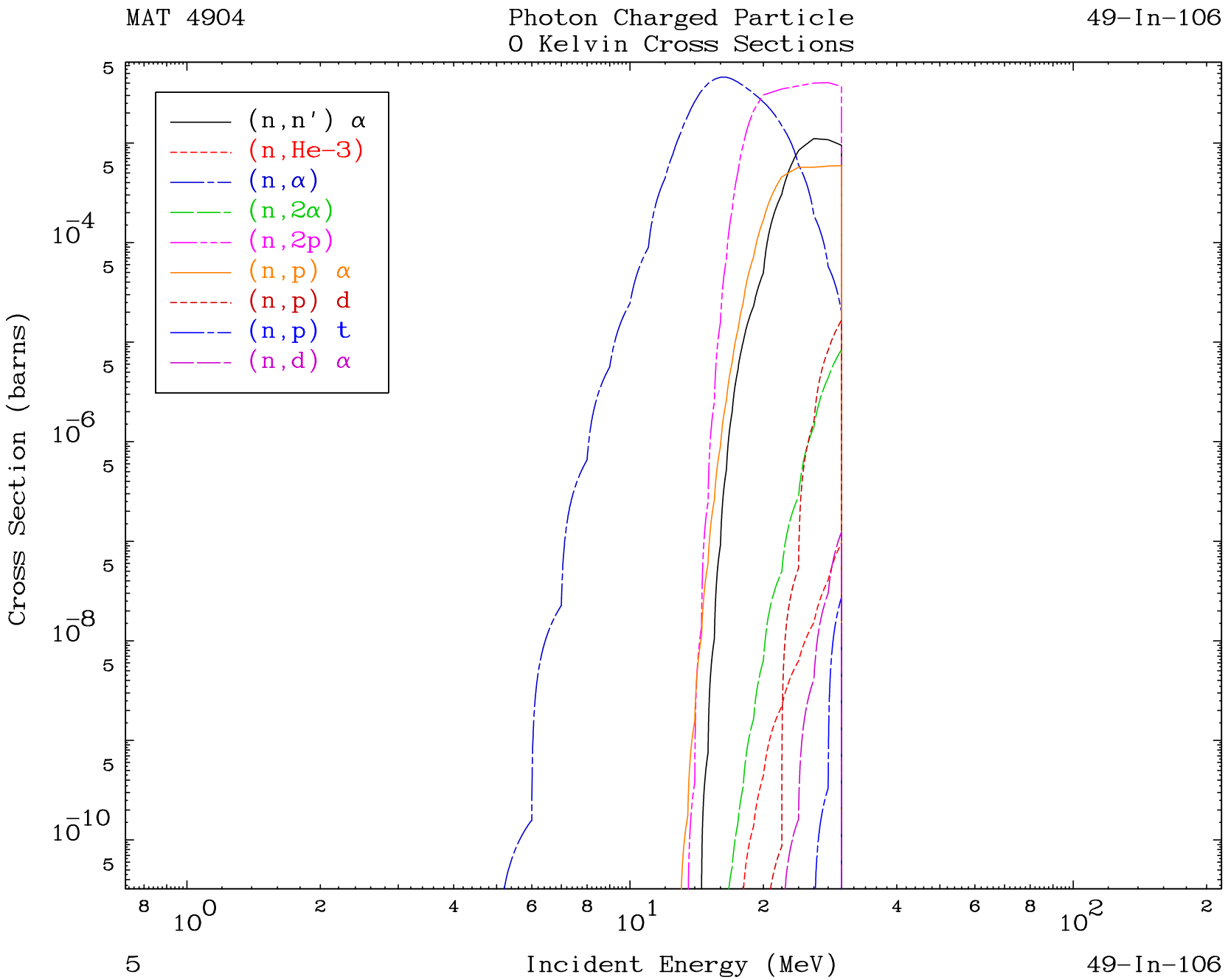
Press Mouse Button to Start

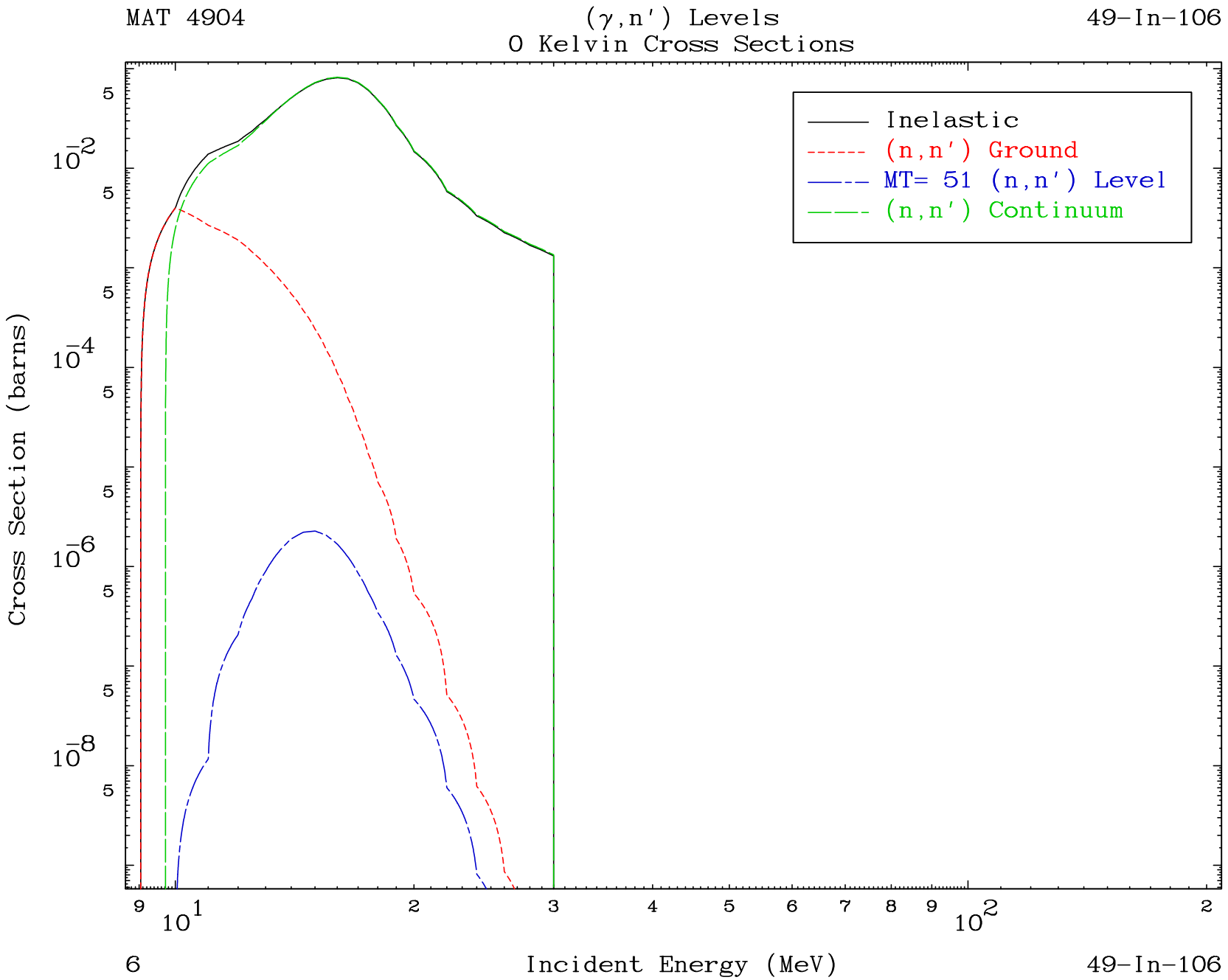

MAT 4904
Photon Major
49-In-106
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
49-In-106

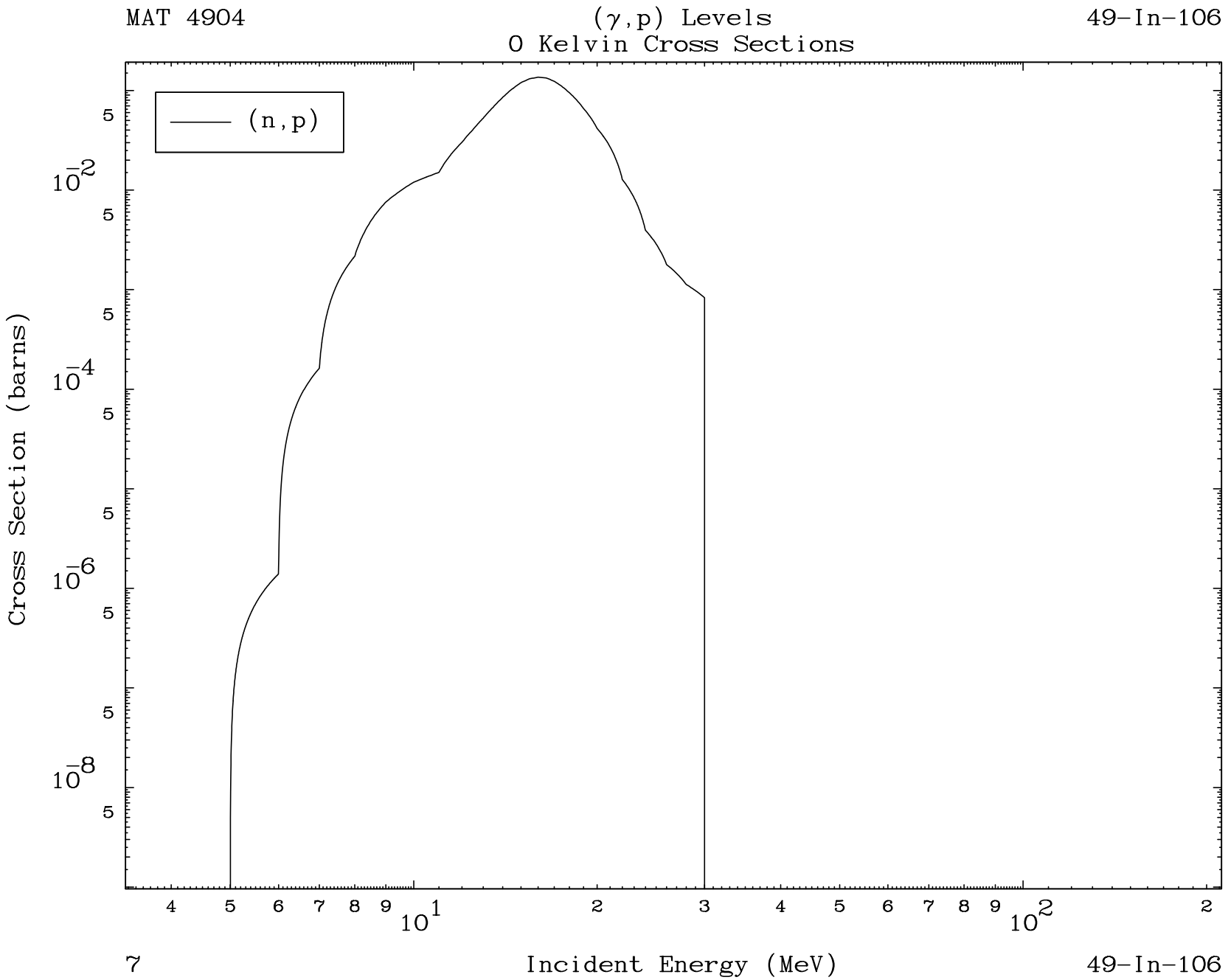

MAT 4904
Photon Neutron Absorption
0 Kelvin Cross Sections
49-In-106
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
49-In-106

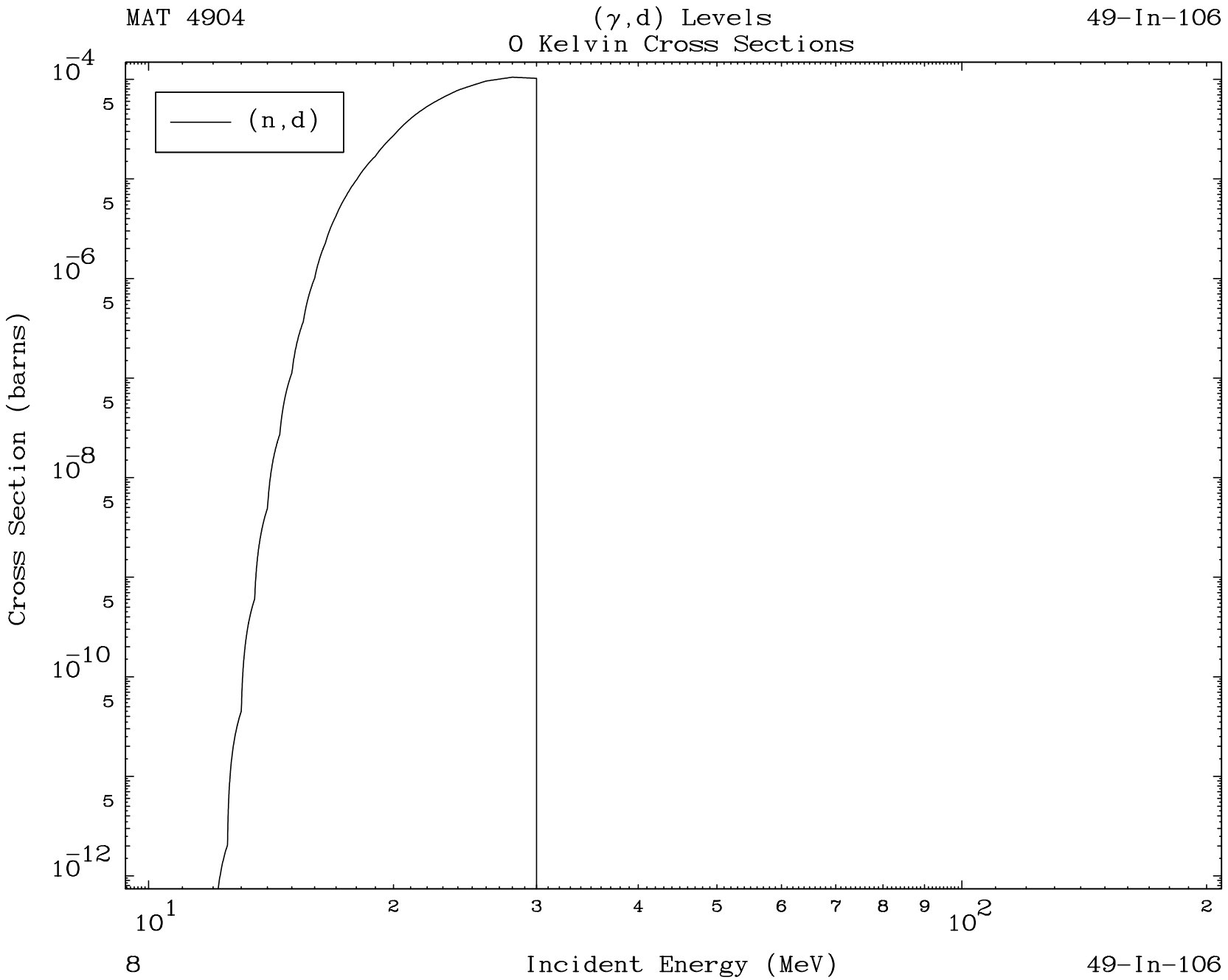

MAT 4904
Photon Neutron Absorption
0 Kelvin Cross Sections
49-In-106
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-106

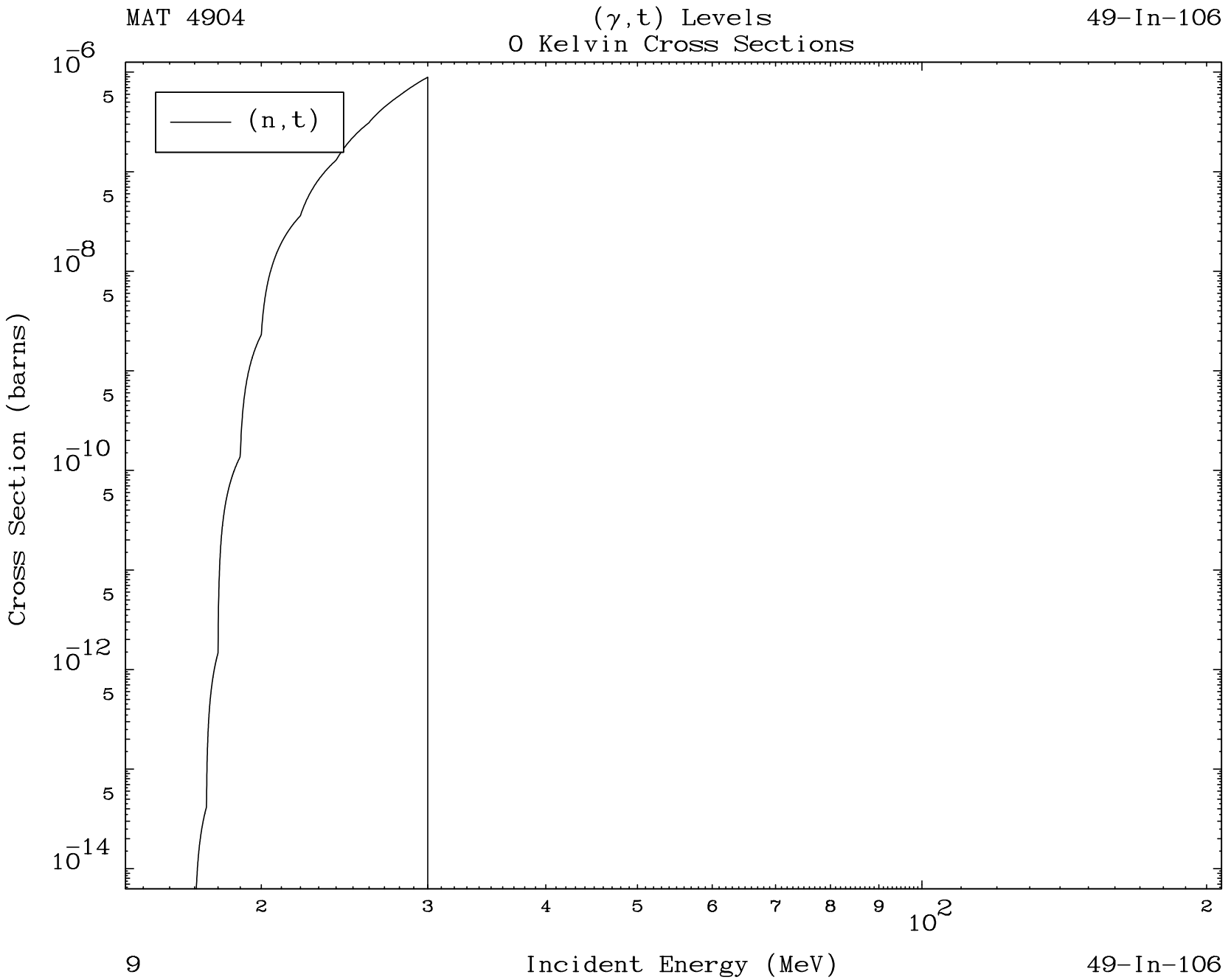

MAT 4904
Photon Charged Particle
0 Kelvin Cross Sections
49-In-106
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
4
49-In-106

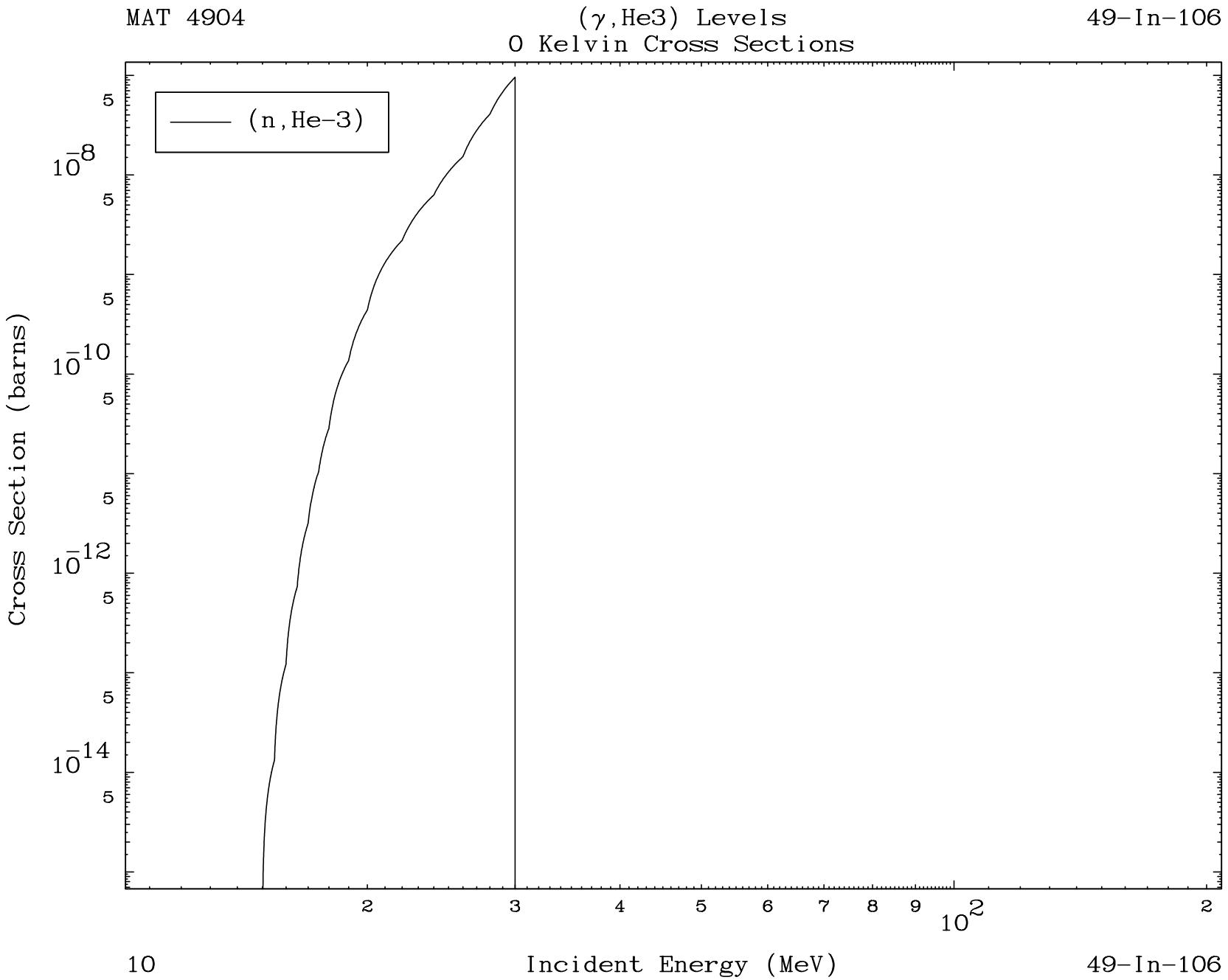

MAT 4904
Photon Charged Particle
0 Kelvin Cross Sections
49-In-106
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
49-In-106

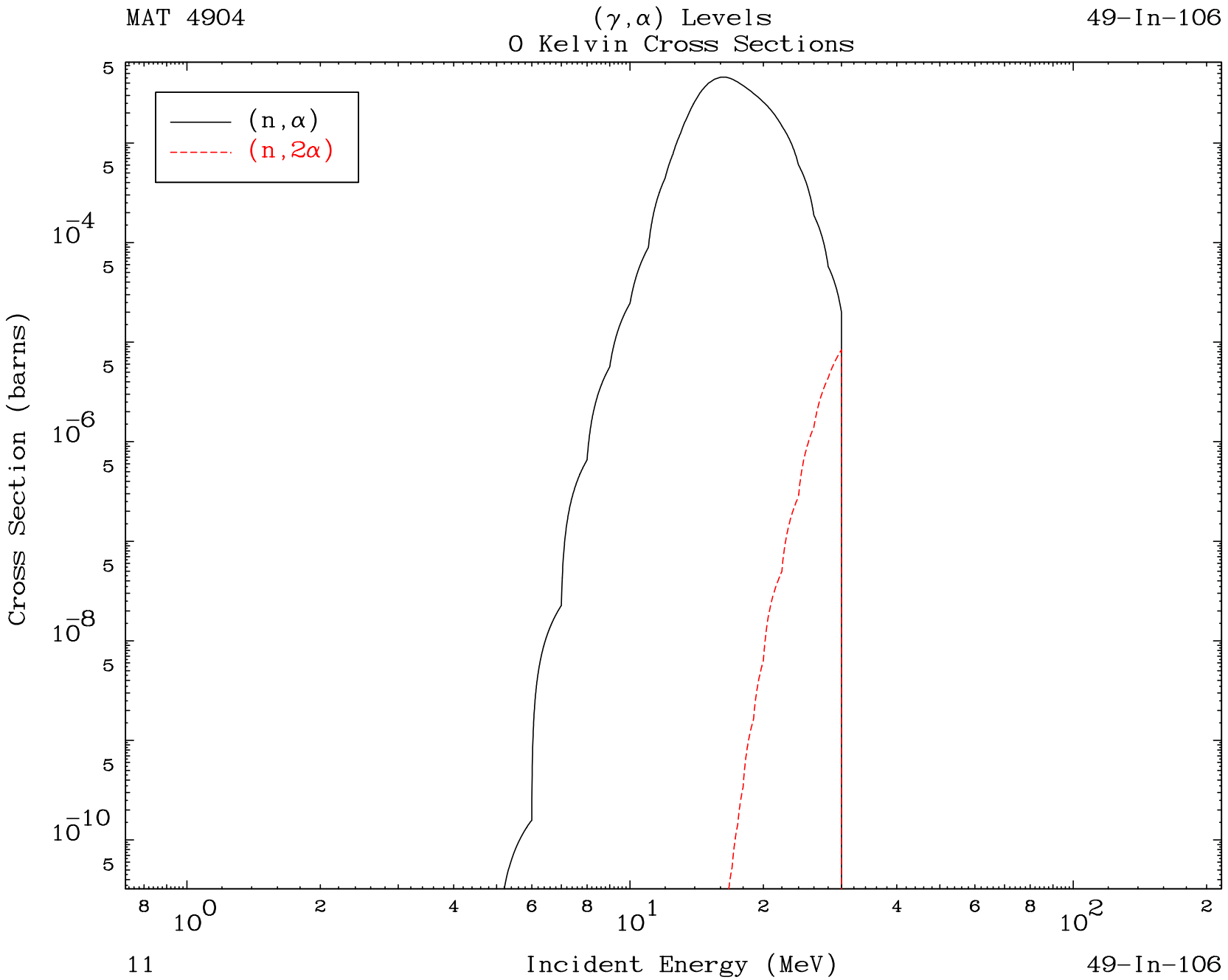

MAT 4904
(γ,n') Levels
0 Kelvin Cross Sections
49-In-106
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
49-In-106
6

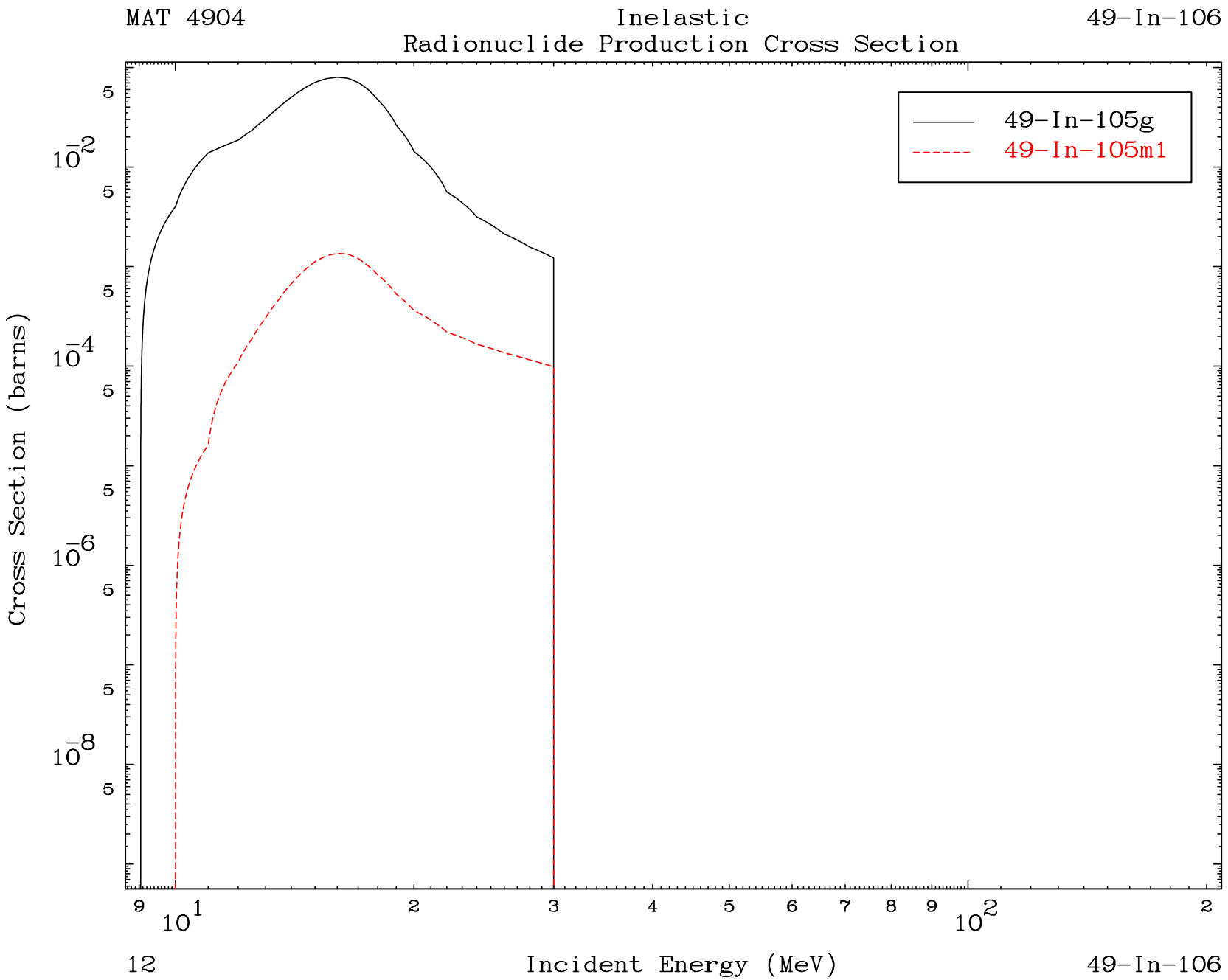

MAT 4904
(γ,p) Levels
49-In-106
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
7
49-In-106

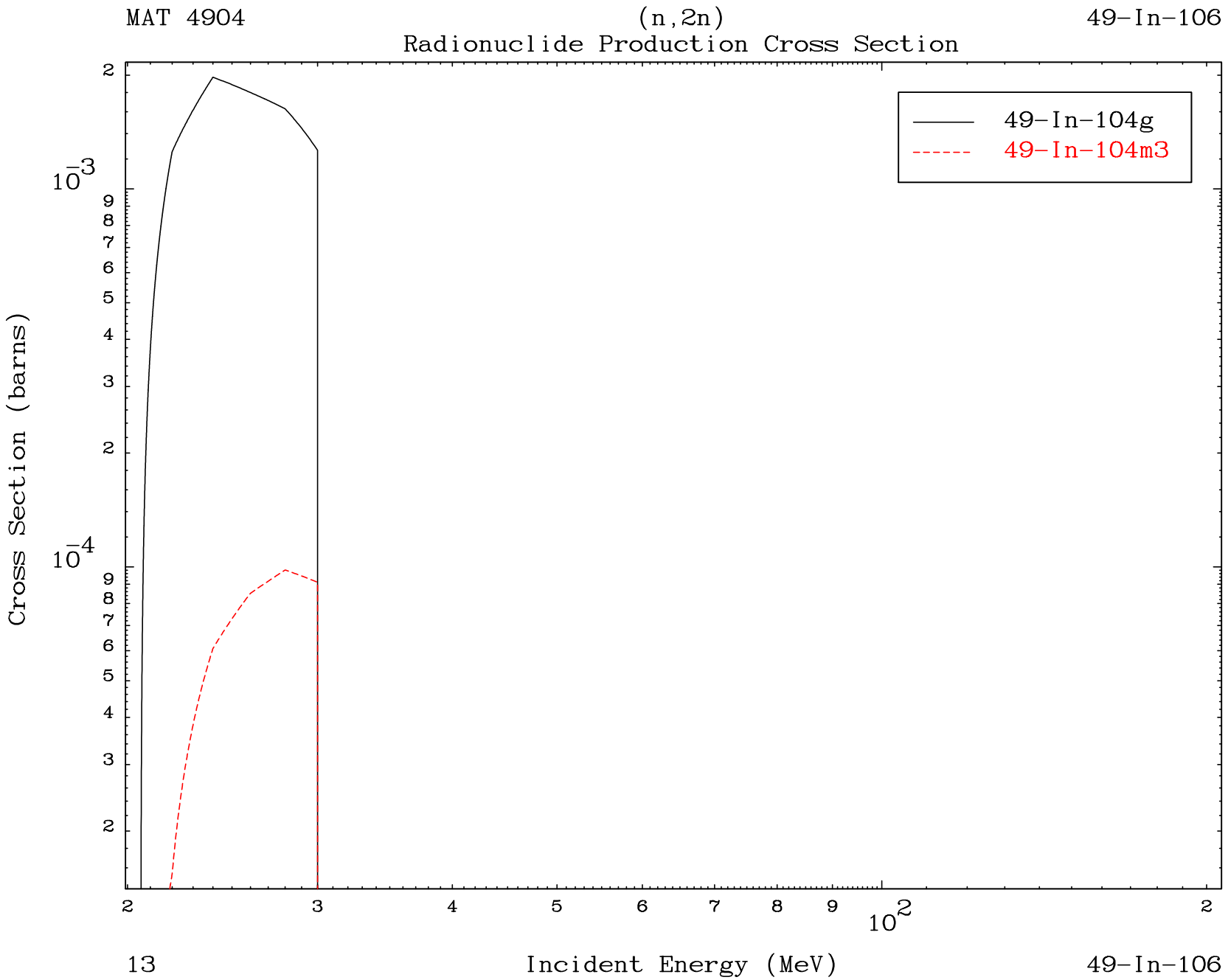

MAT 4904
(γ,d) Levels
49-In-106
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
49-In-106

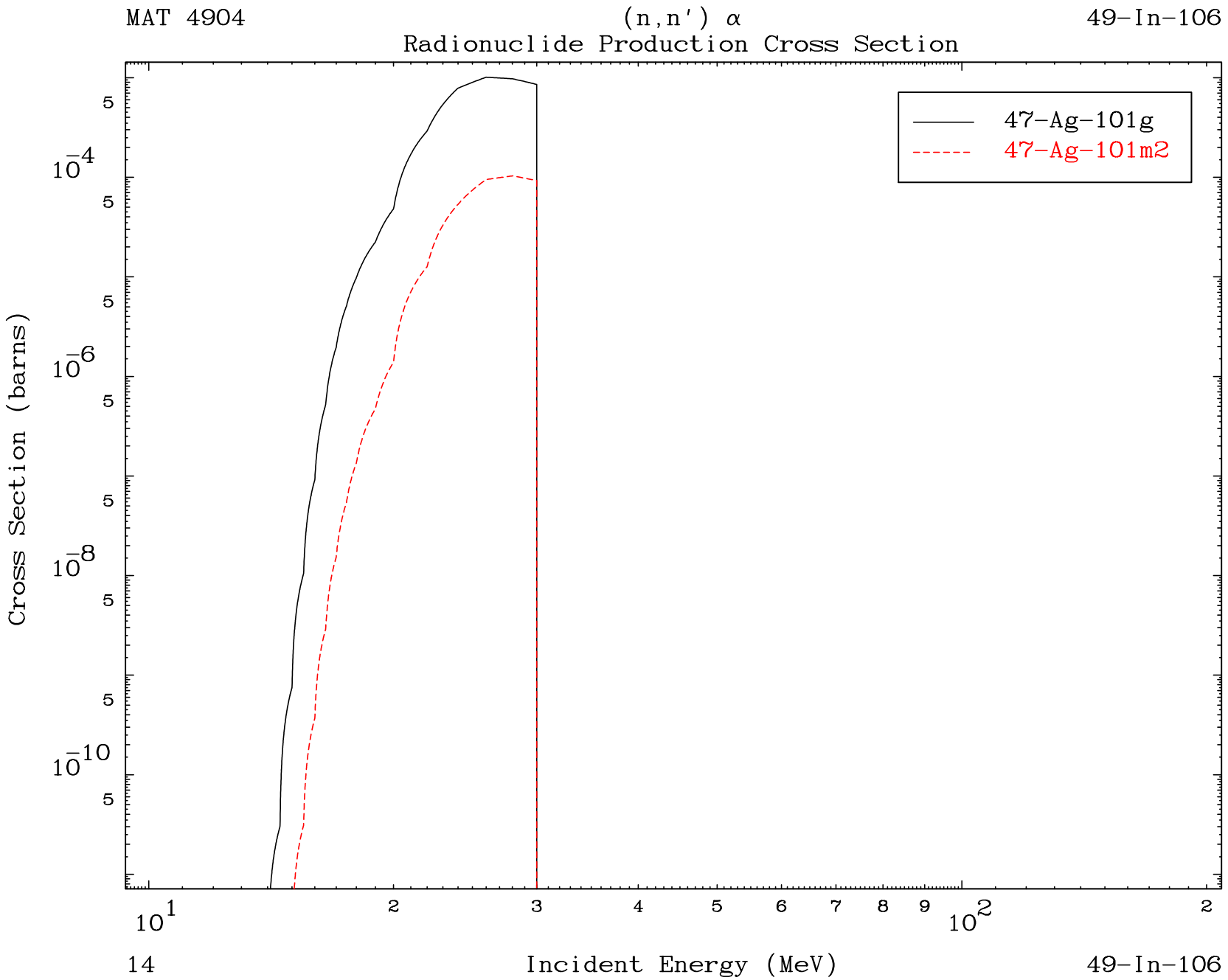

MAT 4904
(γ,t) Levels
49-In-106
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
49-In-106

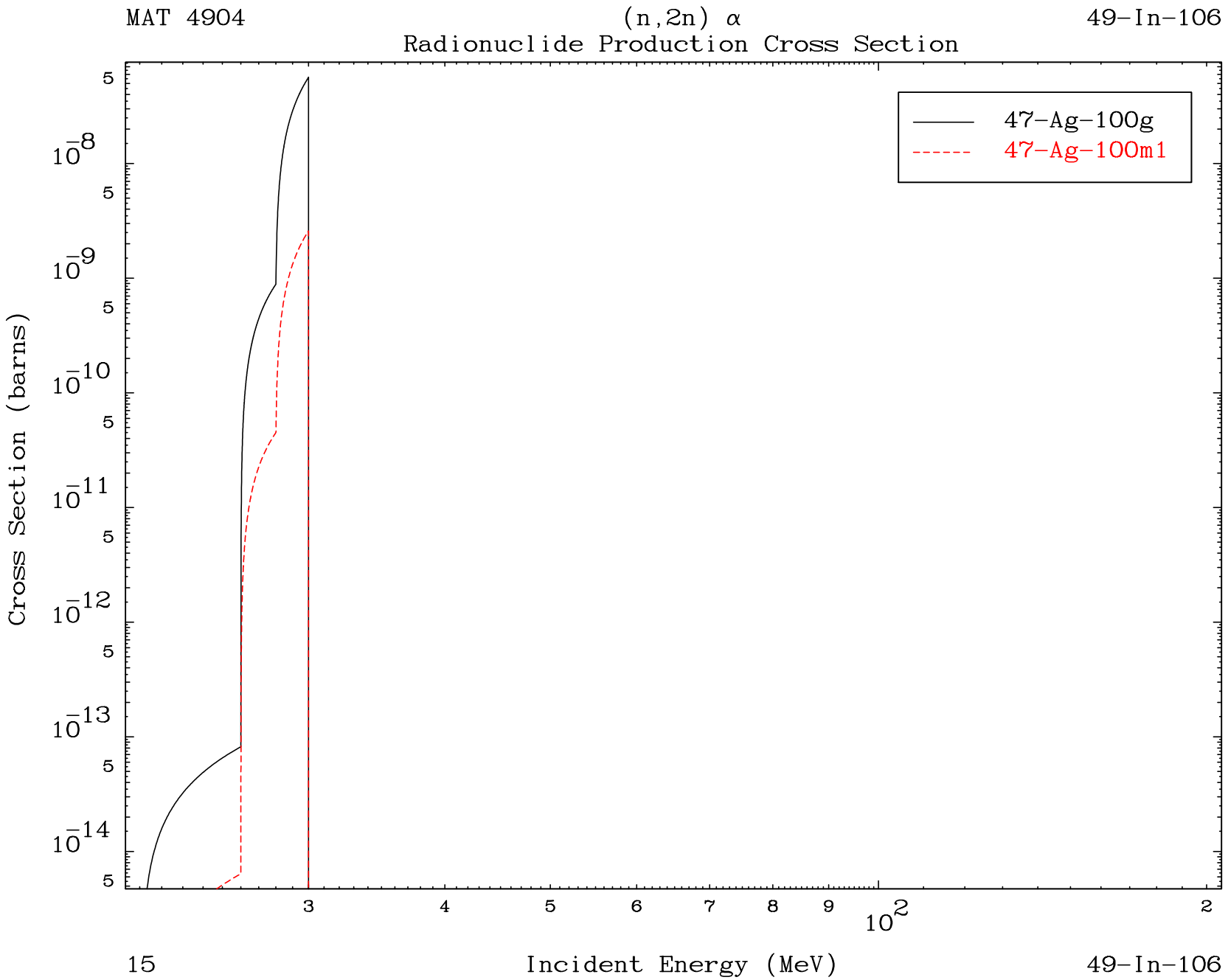

MAT 4904
(γ,He3) Levels
49-In-106
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
49-In-106

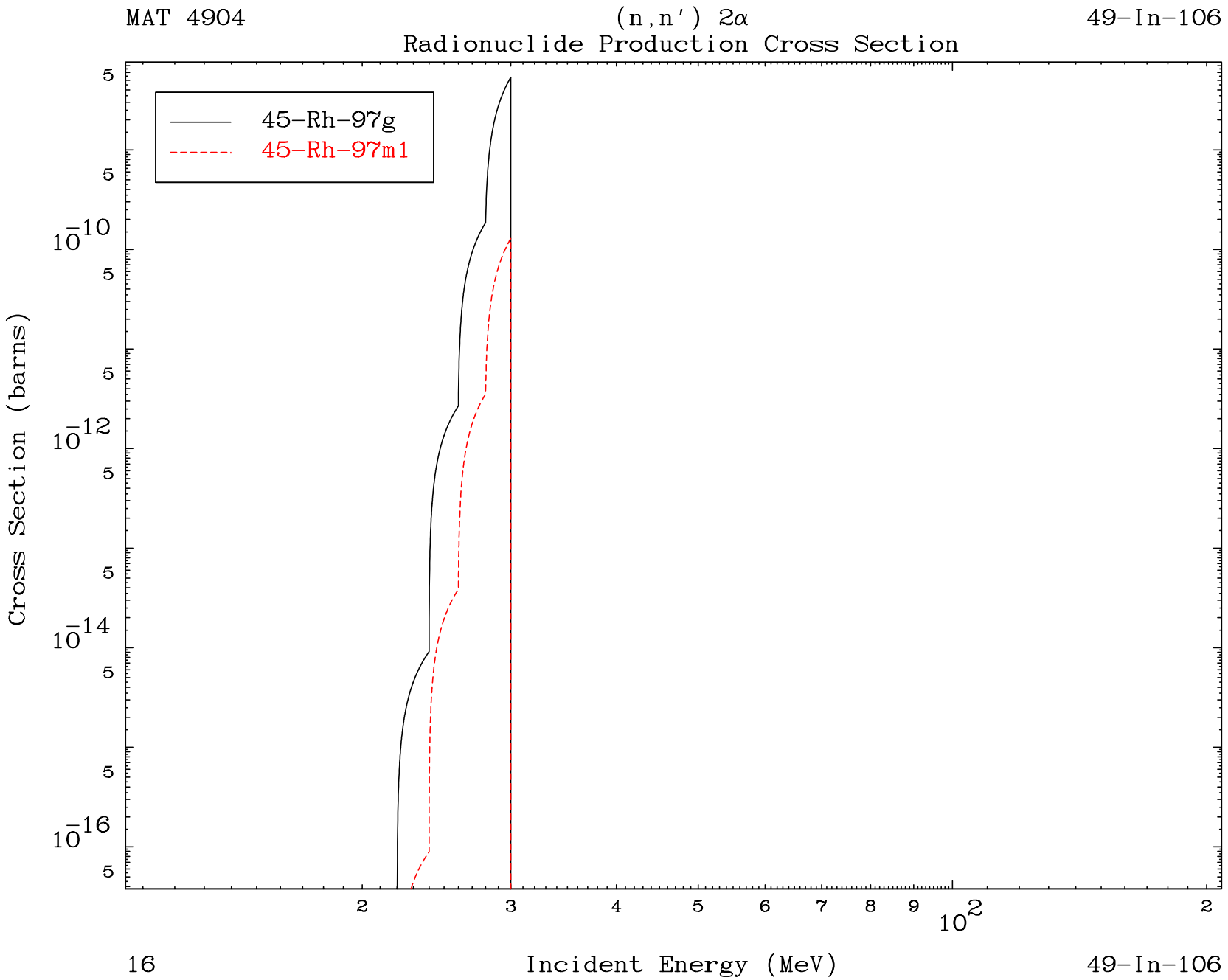

MAT 4904
(γ,α) Levels
49-In-106
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
49-In-106

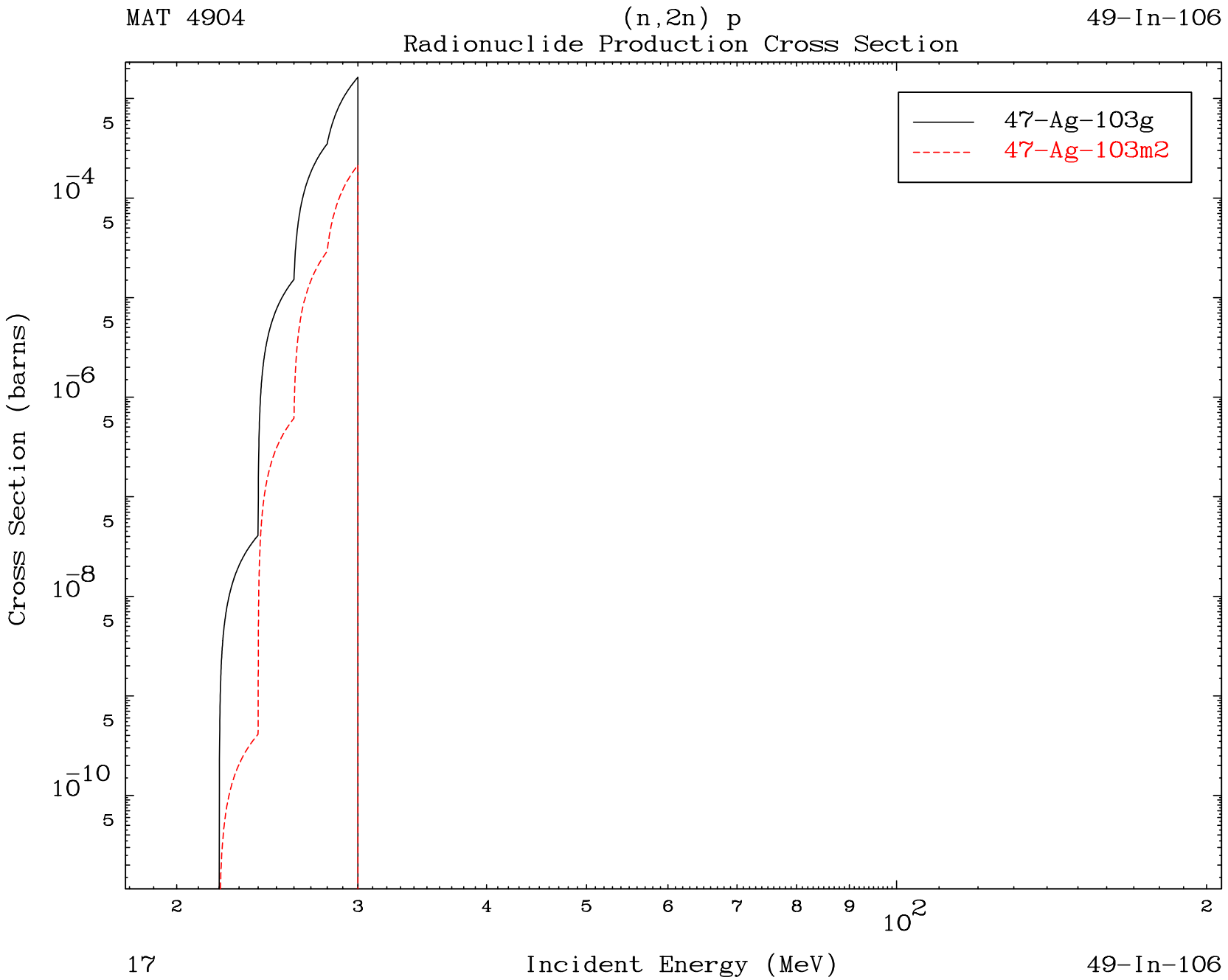

MAT 4904
Inelastic
49-In-106
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
Incident Energy (MeV)
12
49-In-106

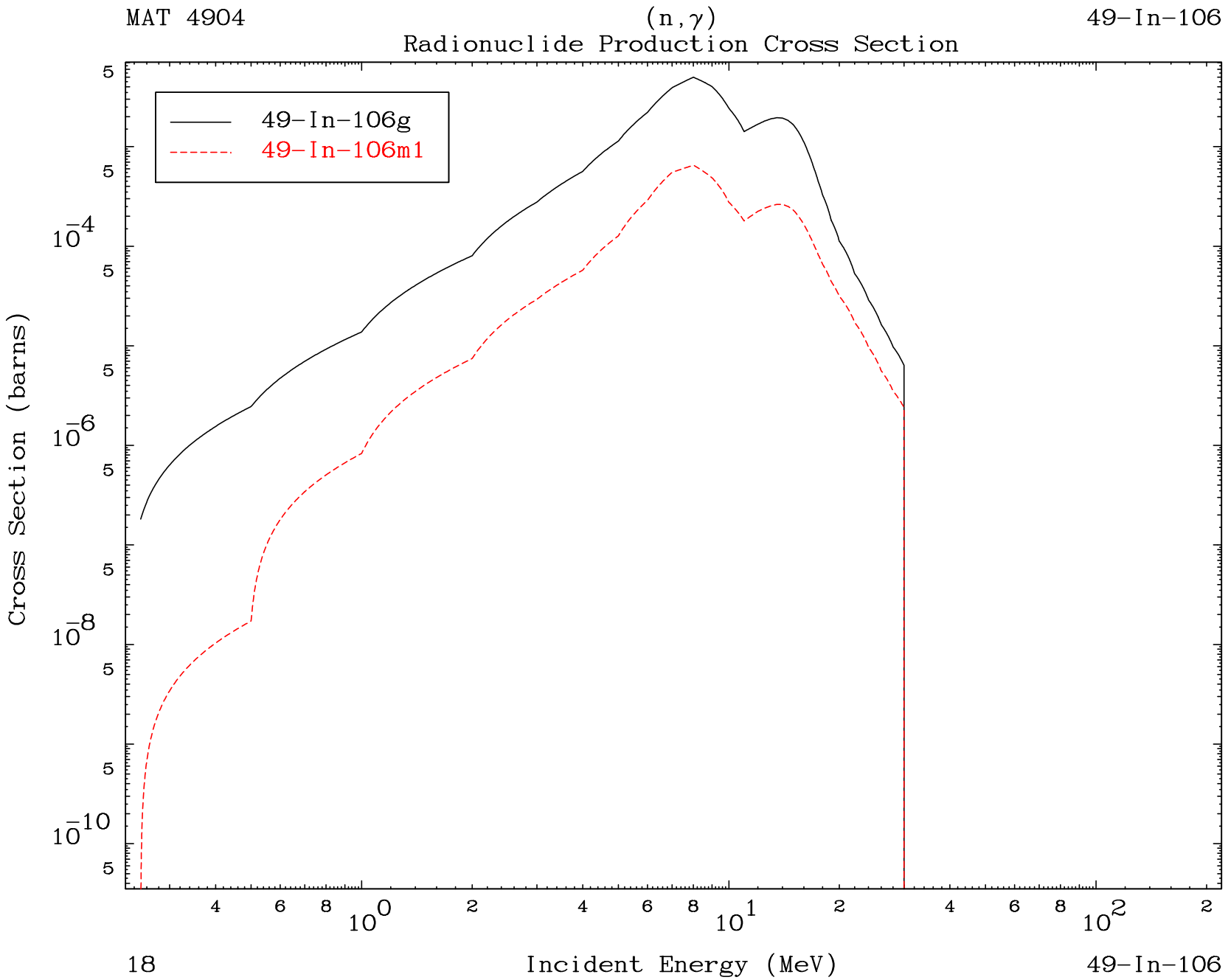

MAT 4904
(n,2n)
49-In-106
Radionuclide Production Cross Section
49-In-104g
49-In-104m3
Cross Section (barns)
10-3
10-4
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
13
49-In-106

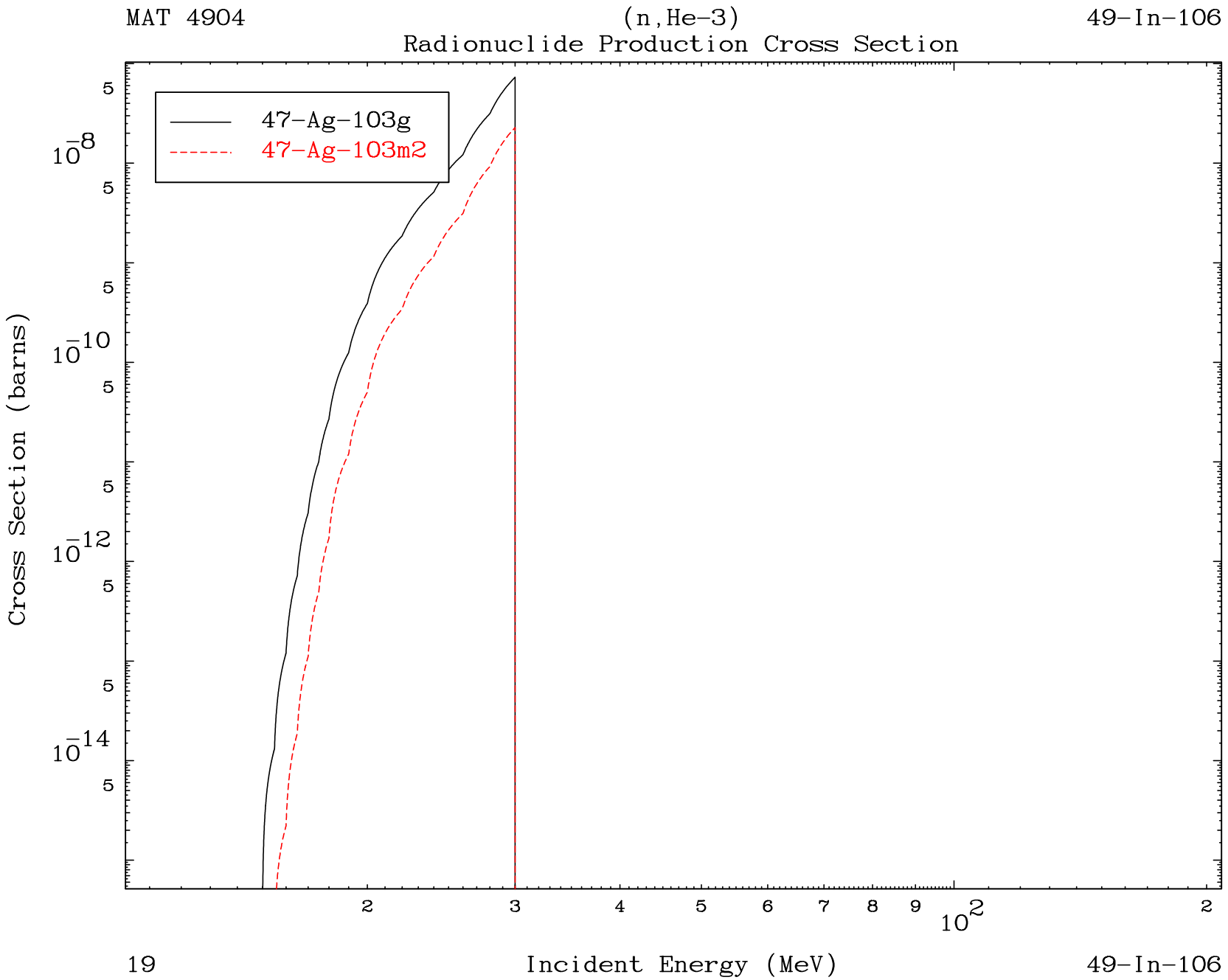

MAT 4904
(n,n') α
49-In-106
Radionuclide Production Cross Section
47-Ag-101g
47-Ag-101m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
49-In-106

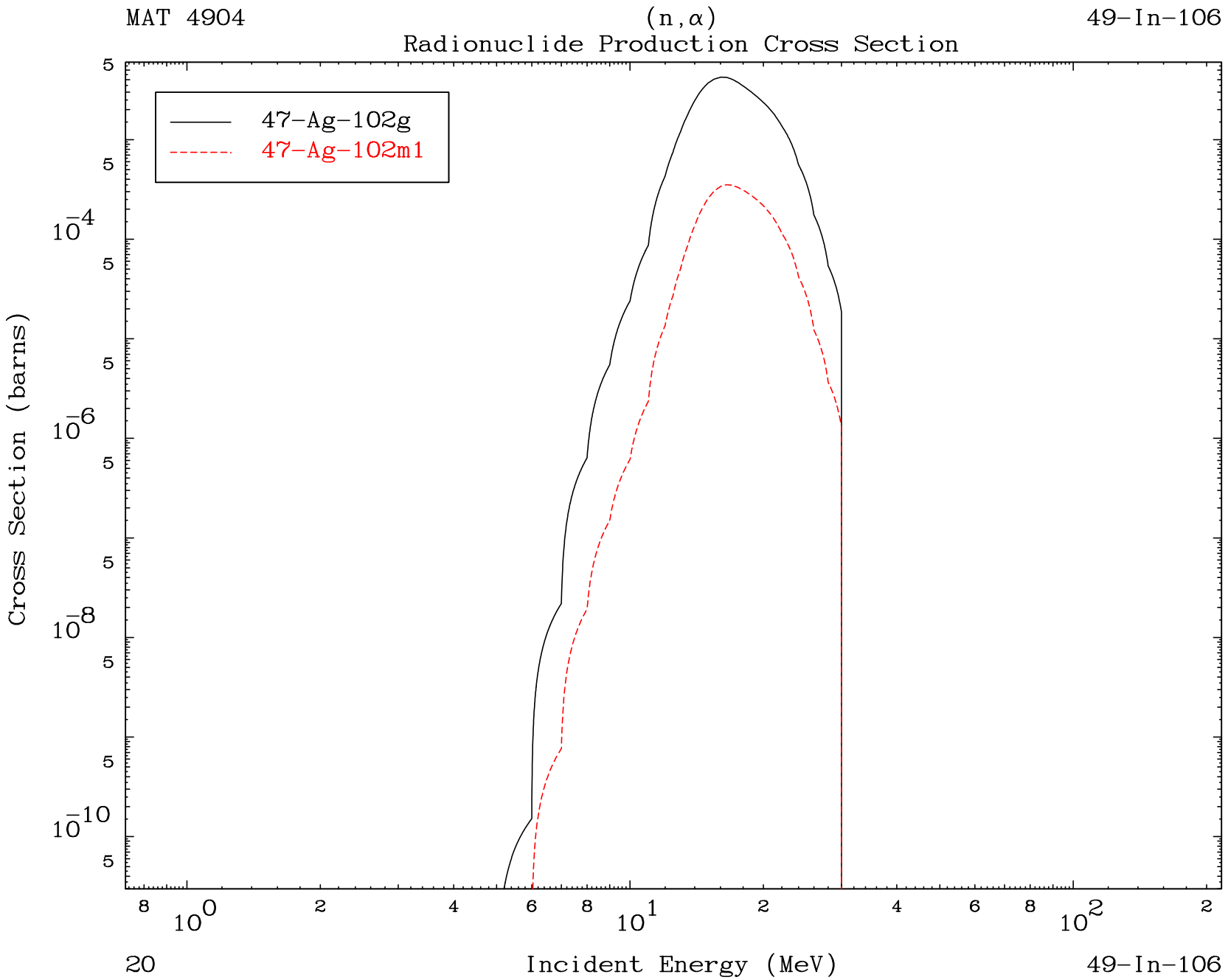

MAT 4904
(n,2n) α
49-In-106
Radionuclide Production Cross Section
47-Ag-100g
47-Ag-100m1
Cross Section (barns)
Incident Energy (MeV)
15
49-In-106

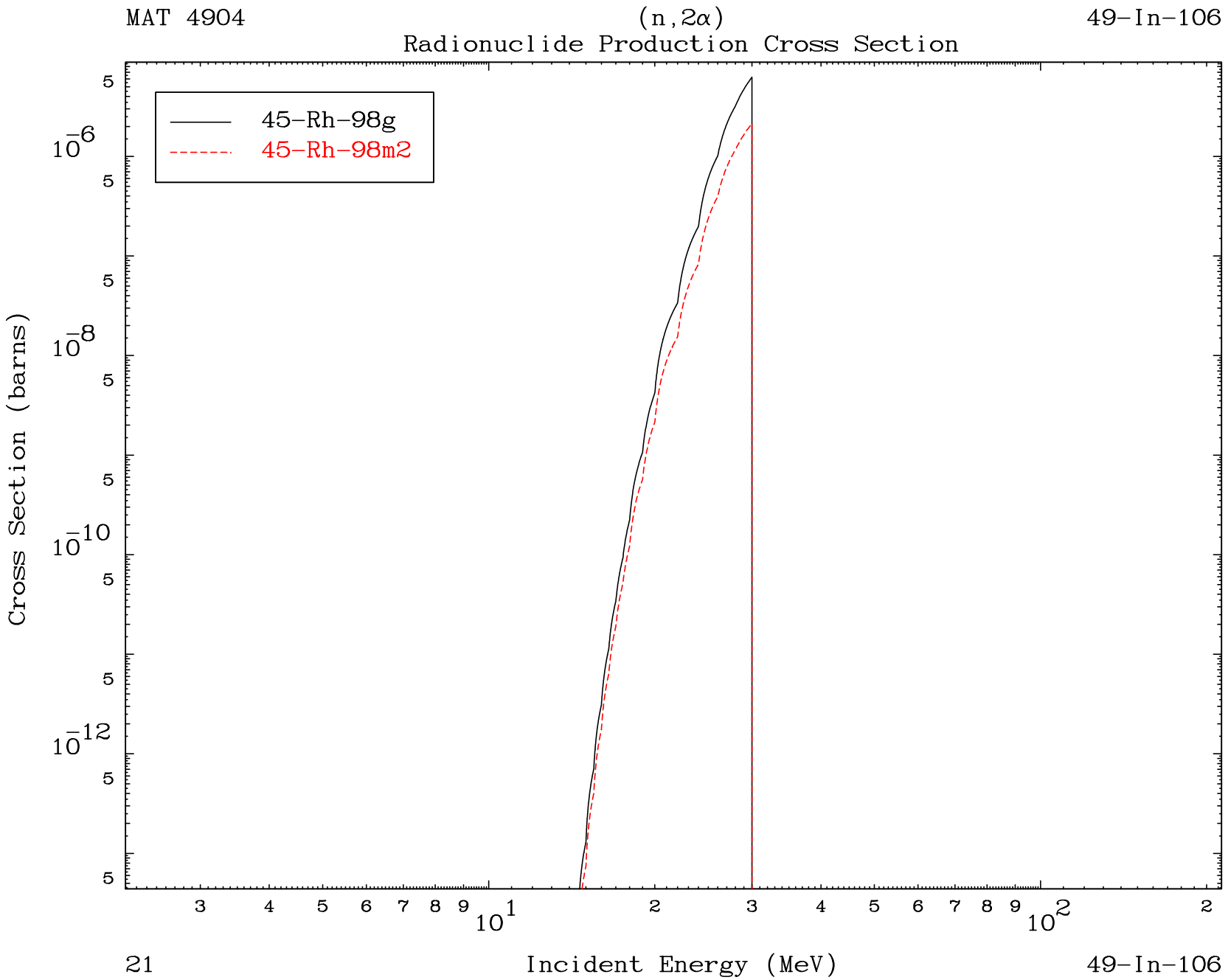

MAT 4904
(n,n') 2α
49-In-106
Radionuclide Production Cross Section
45-Rh-97g
45-Rh-97m1
Cross Section (barns)
Incident Energy (MeV)
16
49-In-106

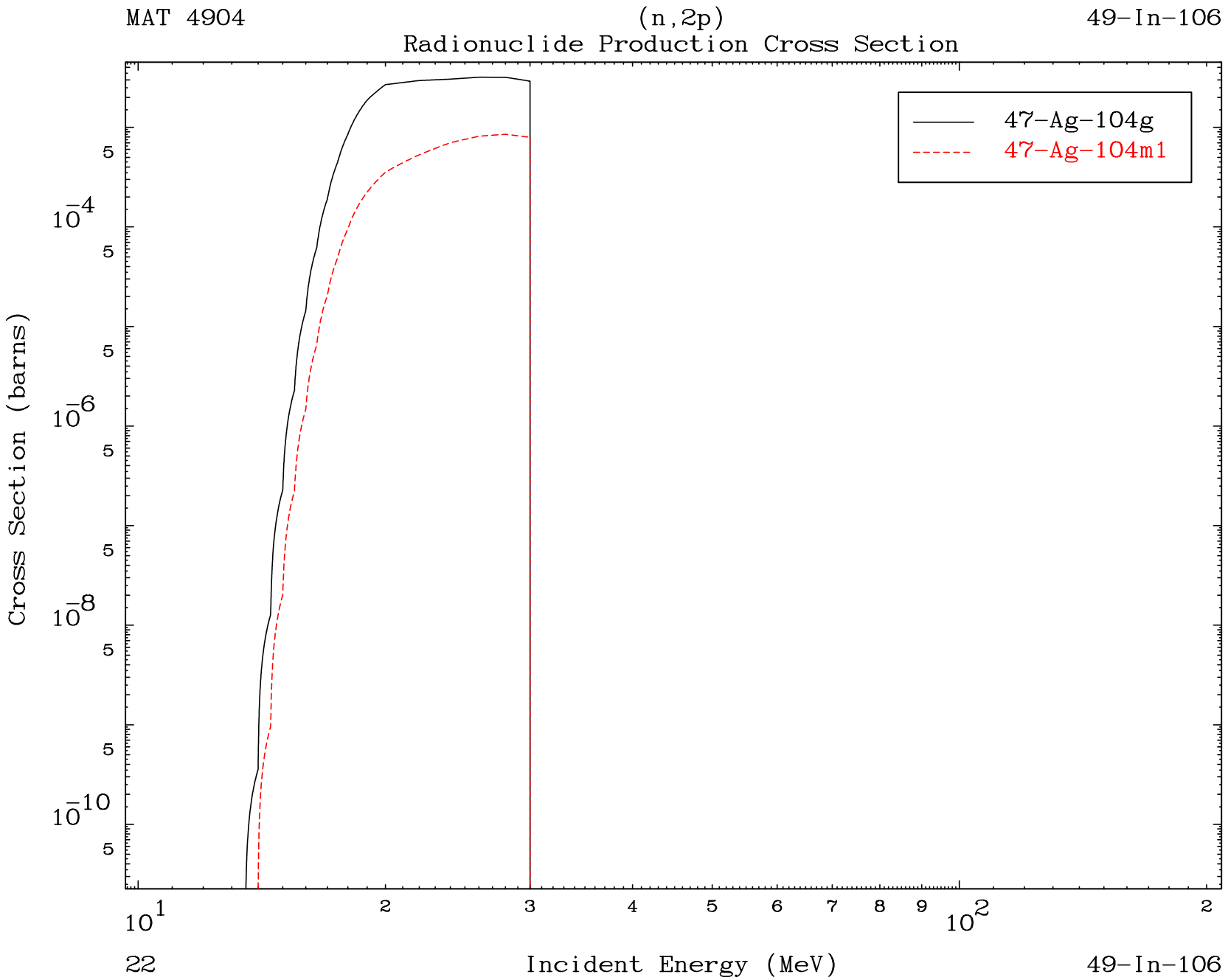

MAT 4904
(n,2n) p
49-In-106
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
17
Incident Energy (MeV)
49-In-106

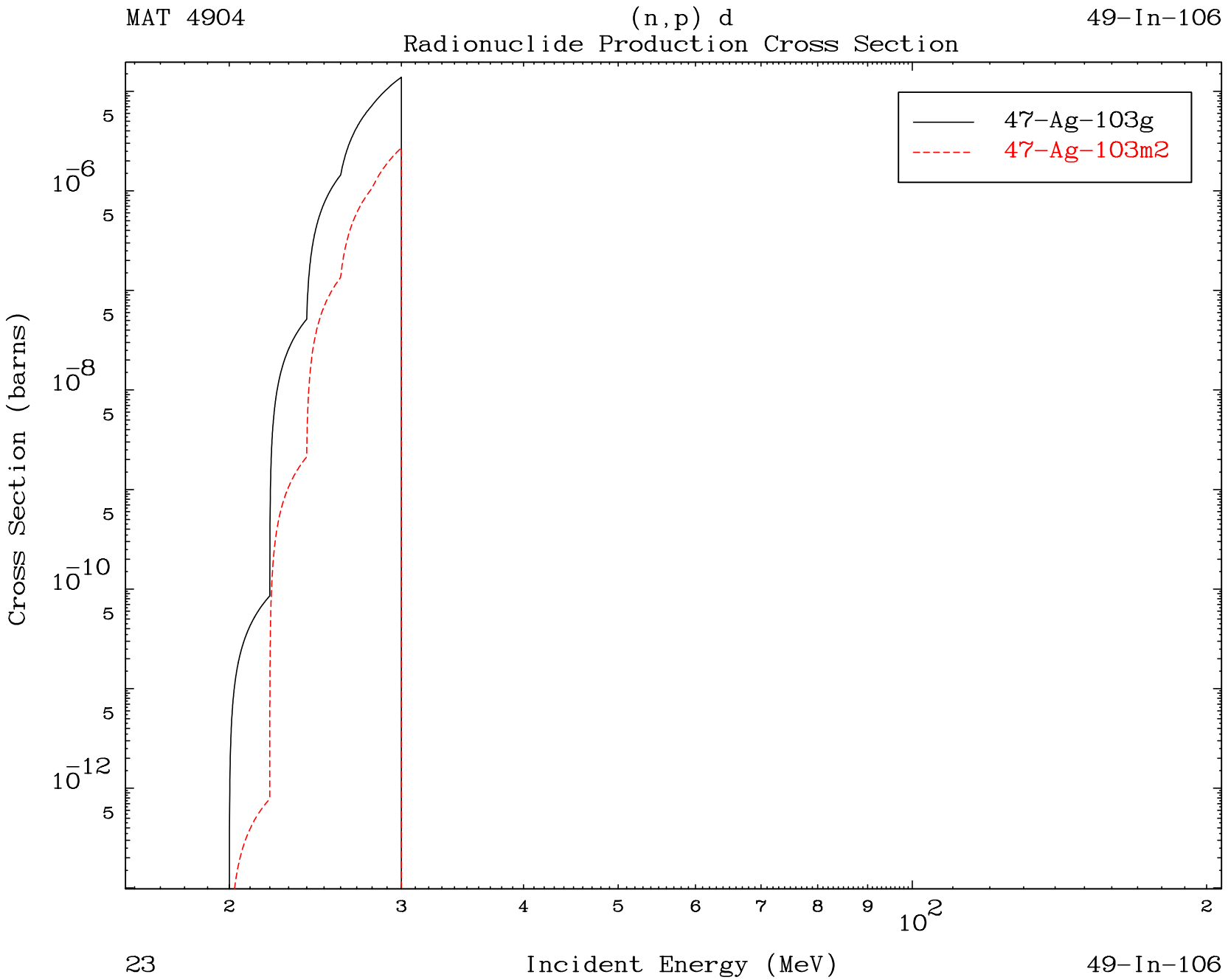

MAT 4904
(n,γ)
49-In-106
Radionuclide Production Cross Section
49-In-106g
49-In-106m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-106

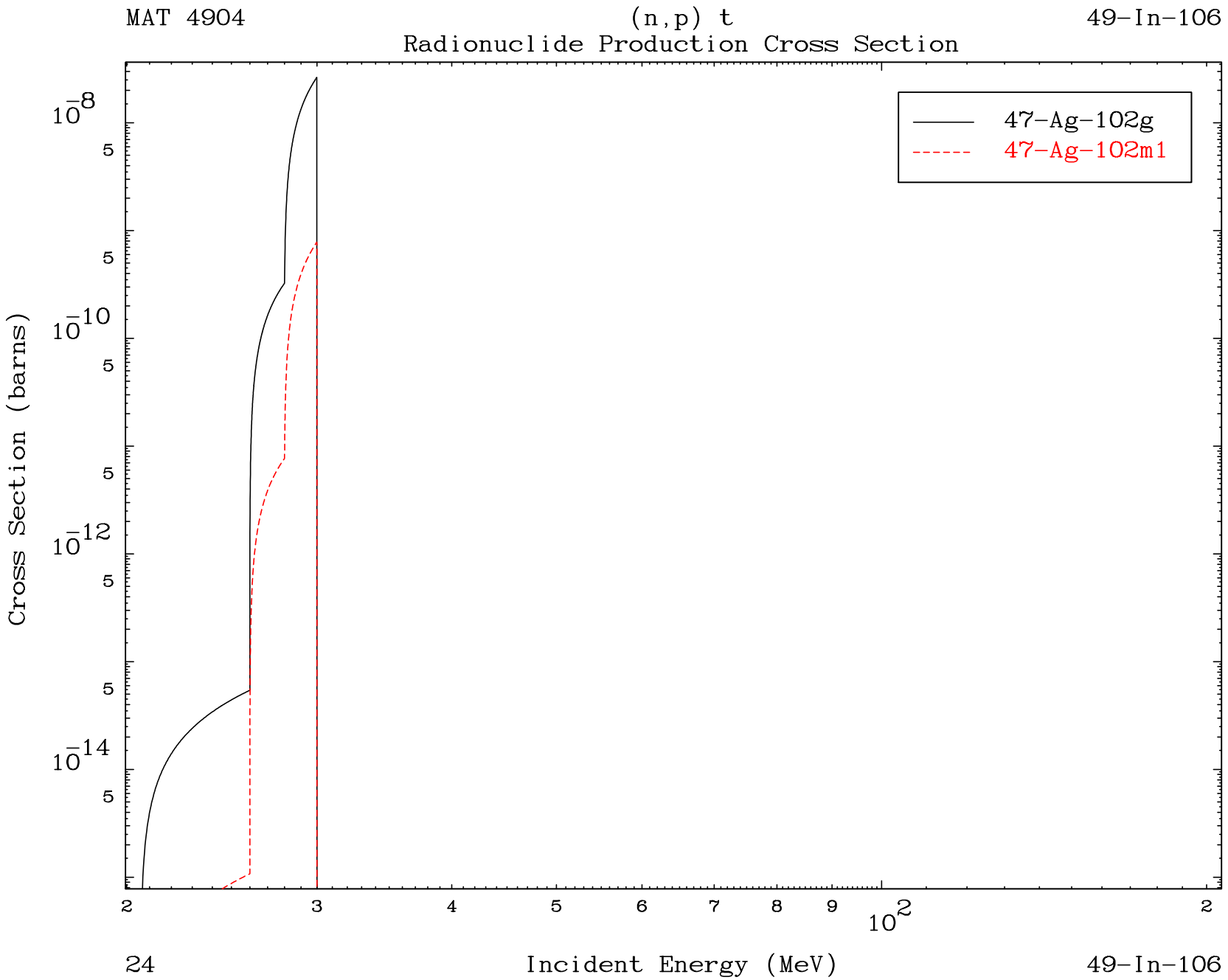

MAT 4904
(n,He-3)
49-In-106
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
19
49-In-106


MAT 4904
(n,α)
49-In-106
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
Incident Energy (MeV)
20
49-In-106


MAT 4904
(n,2α)
49-In-106
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3 4 5 6 7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
21
Incident Energy (MeV)
49-In-106


MAT 4904
(n,2p)
49-In-106
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
22
49-In-106


MAT 4904
(n,p) d
49-In-106
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
23
Incident Energy (MeV)
49-In-106


MAT 4904
(n,p) t
49-In-106
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
49-In-106