Program EVALPLOT
(Version 2018-1)
by
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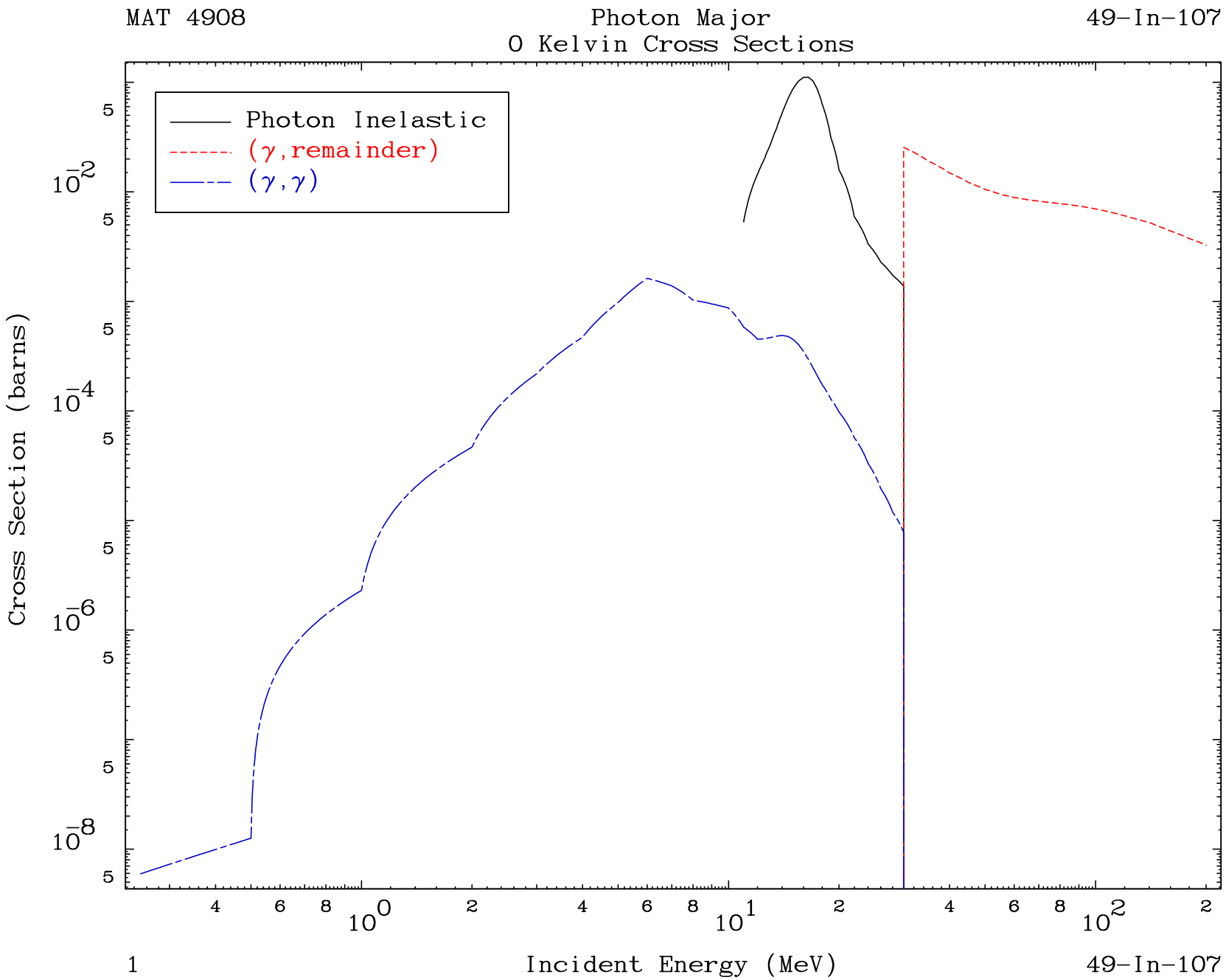
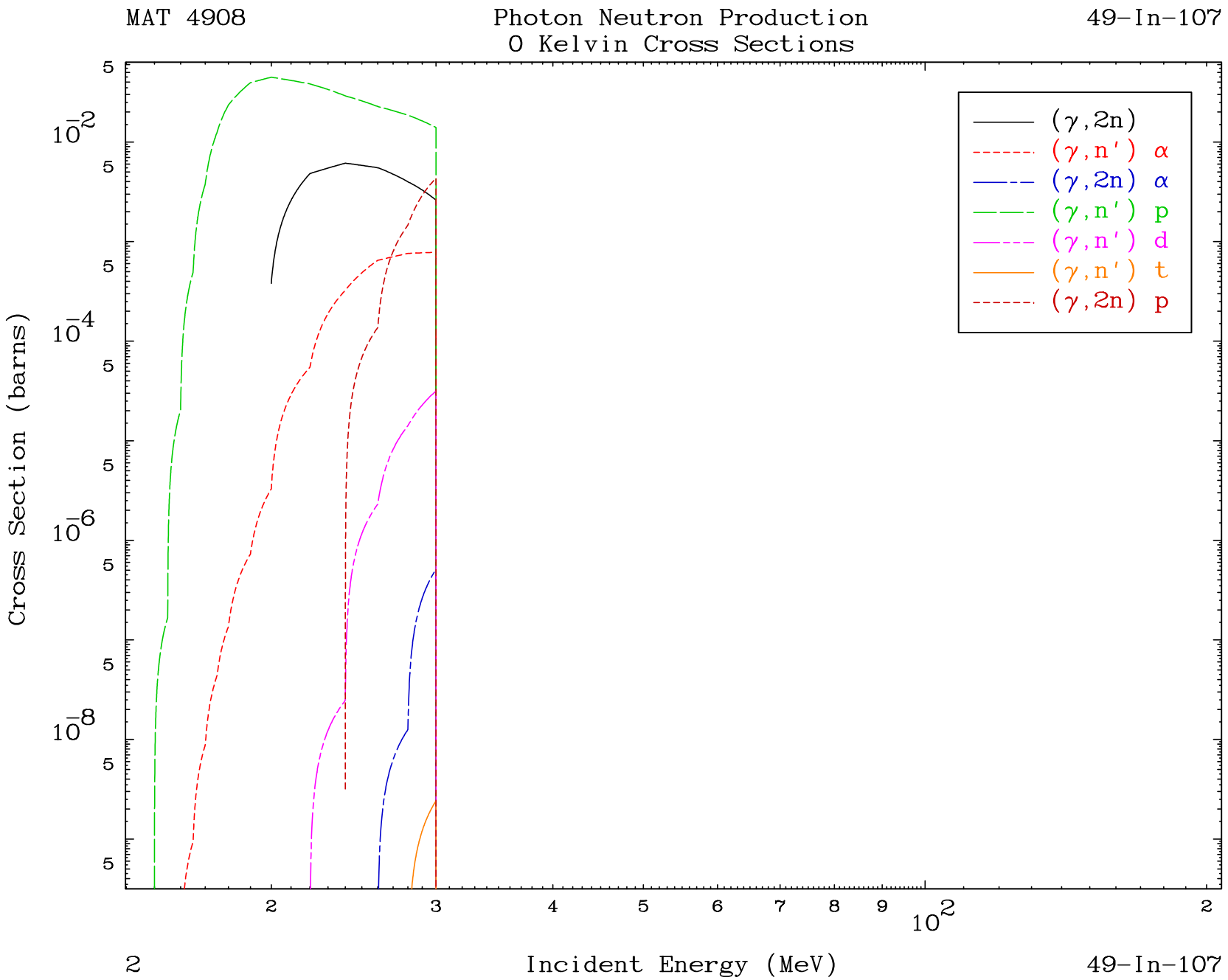
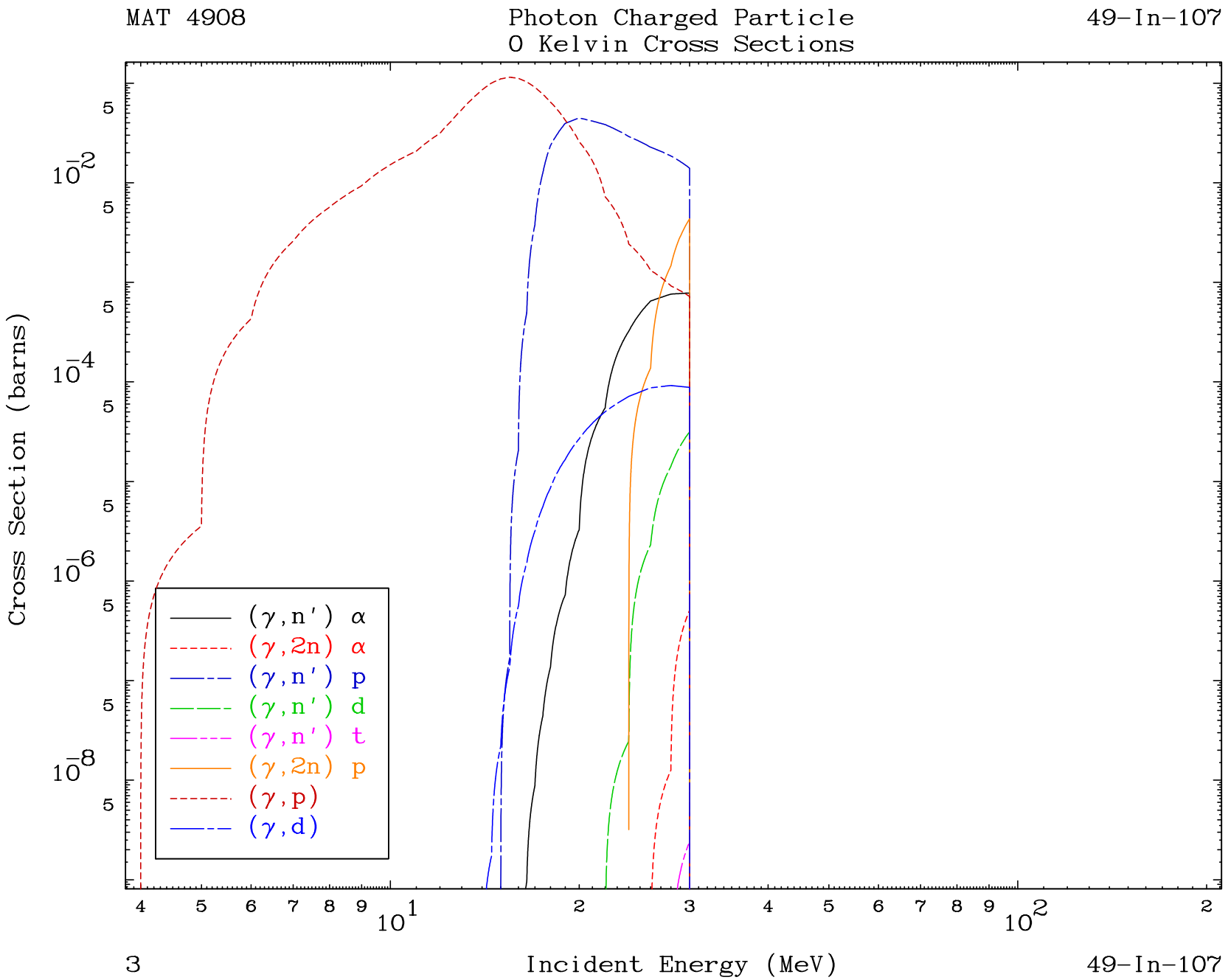
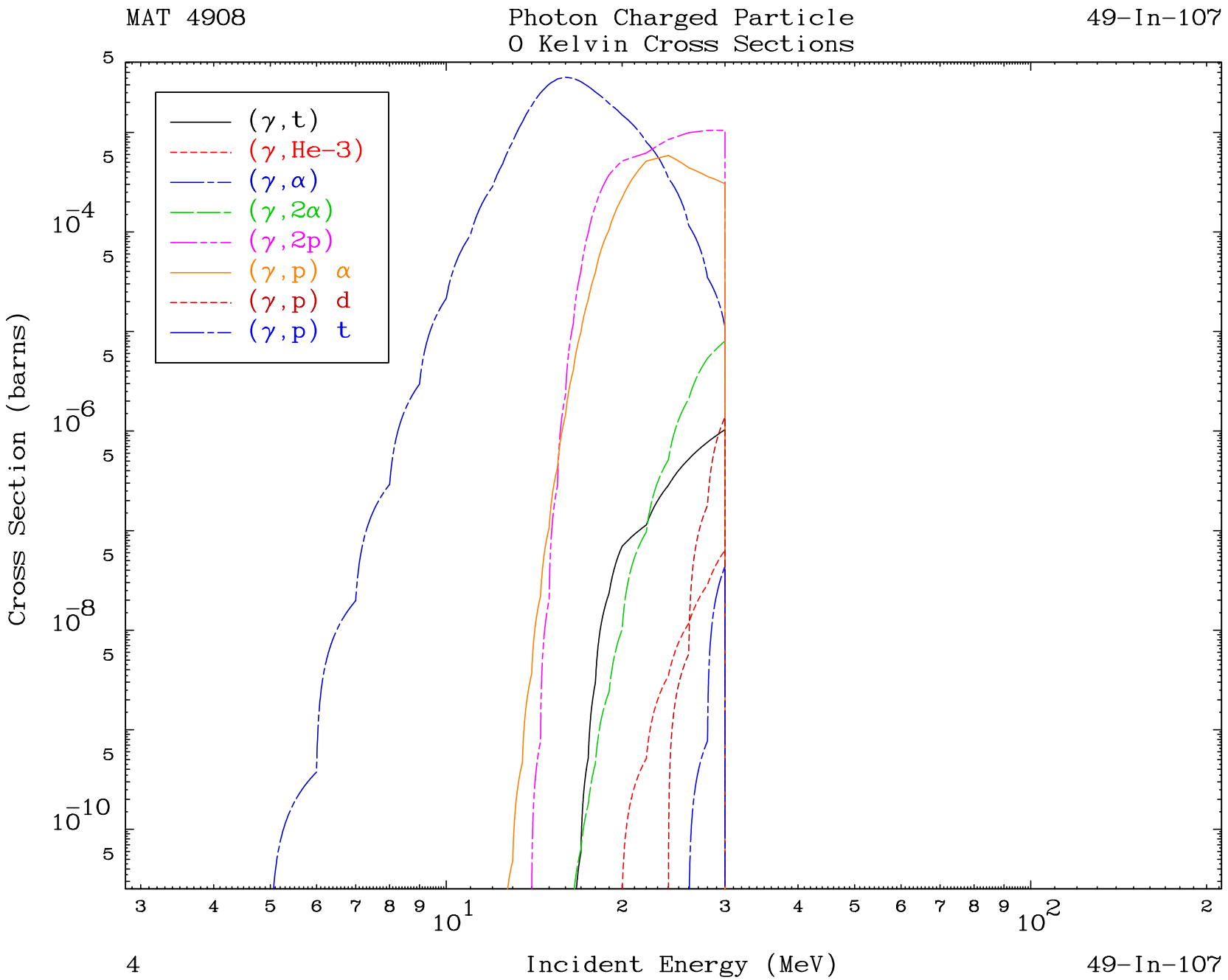
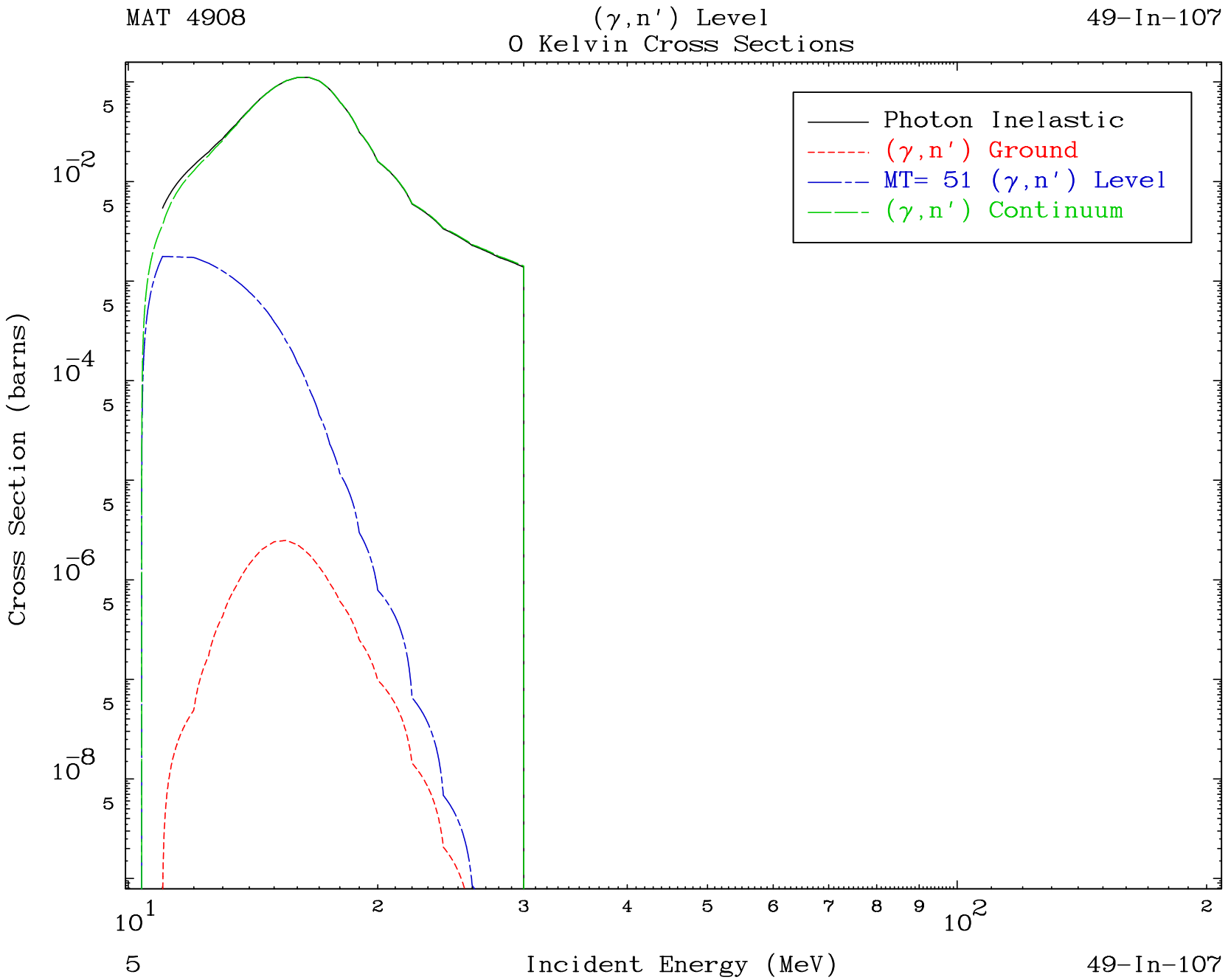
Press Mouse Button to Start

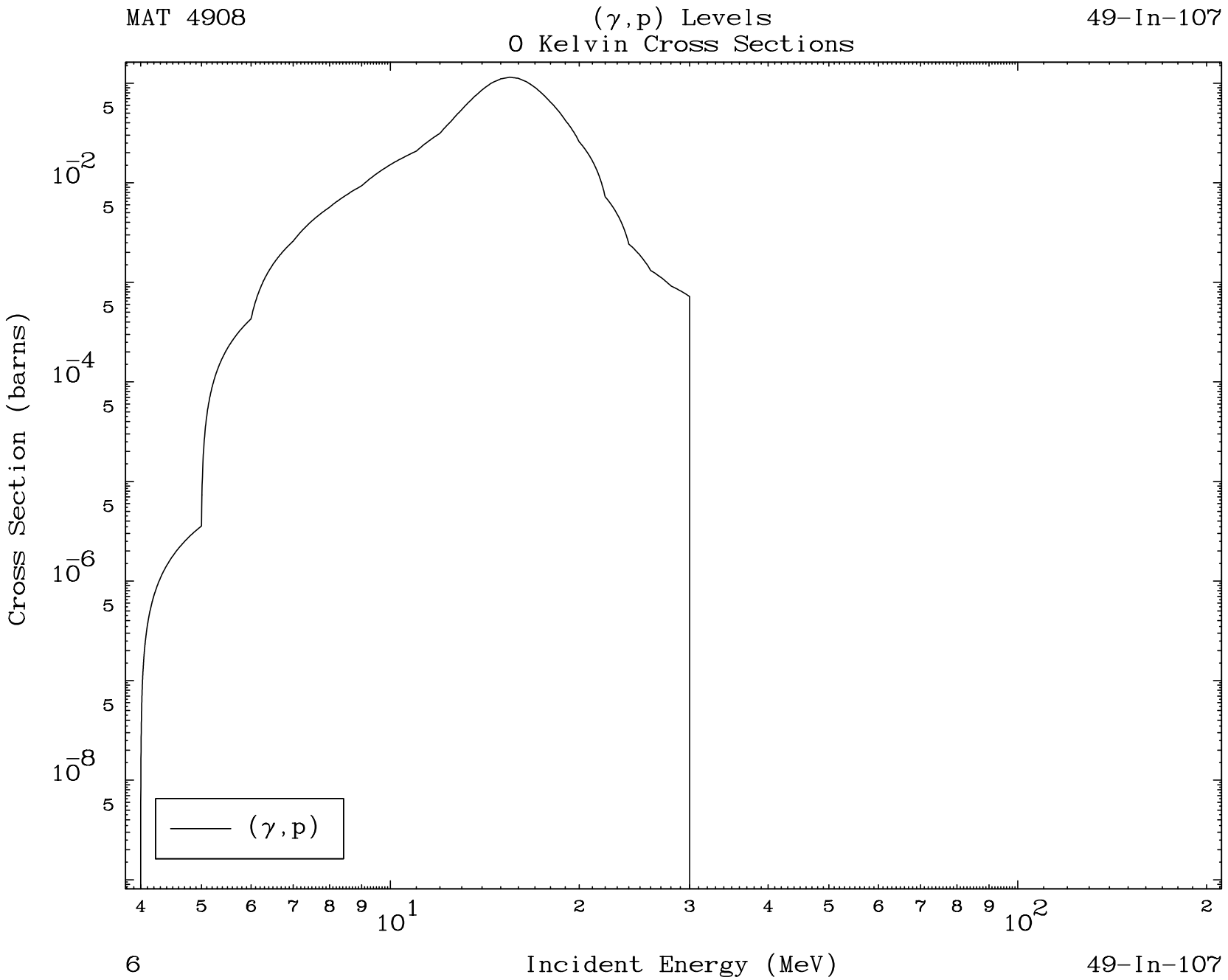

MAT 4908
Photon Major
49-In-107
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
100
2
101
102
1
Incident Energy (MeV)
49-In-107

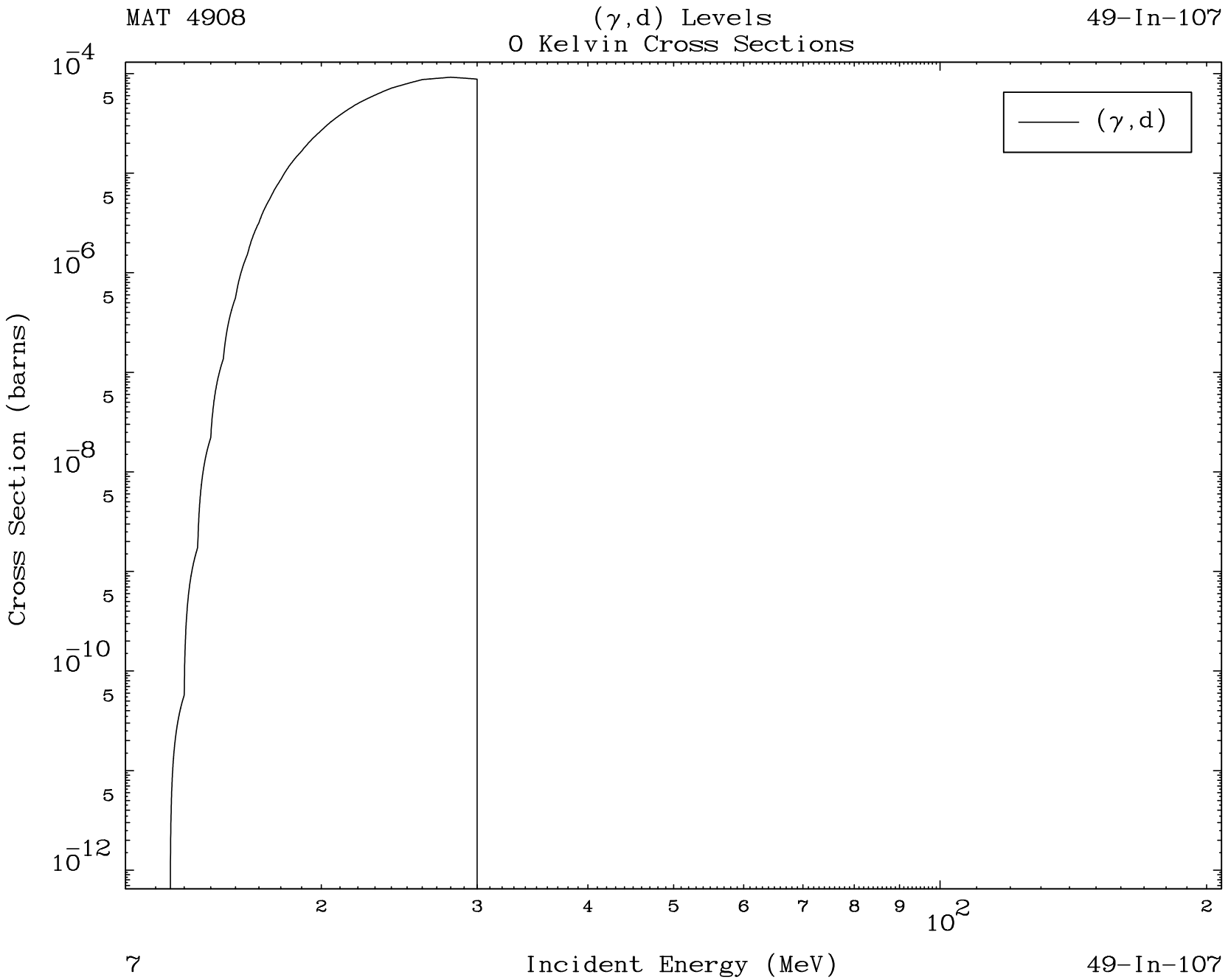

MAT 4908
Photon Neutron Production
0 Kelvin Cross Sections
49-In-107
Cross Section (barns)
Incident Energy (MeV)
(γ,2n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p

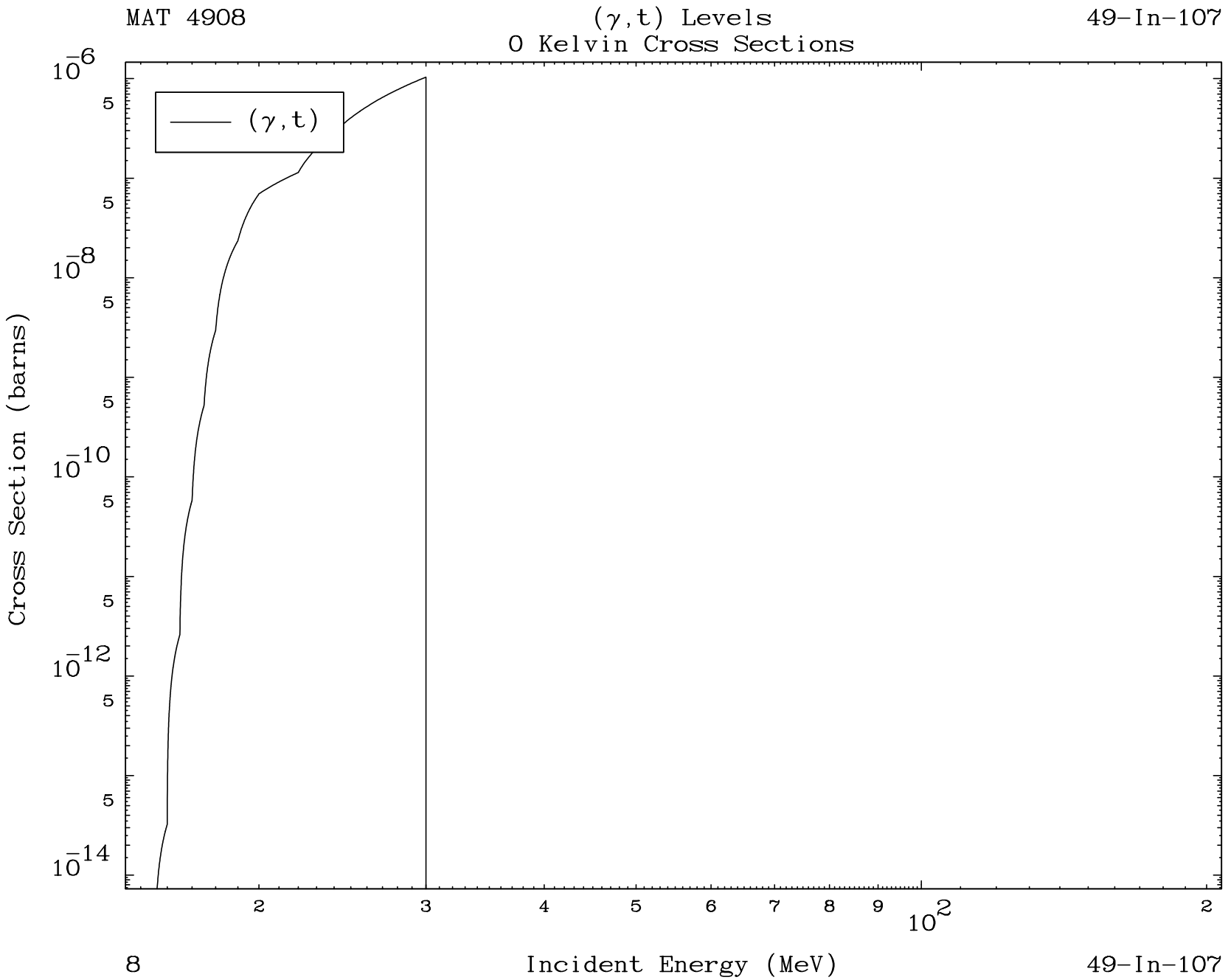

MAT 4908
Photon Charged Particle
0 Kelvin Cross Sections
49-In-107
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
3
49-In-107

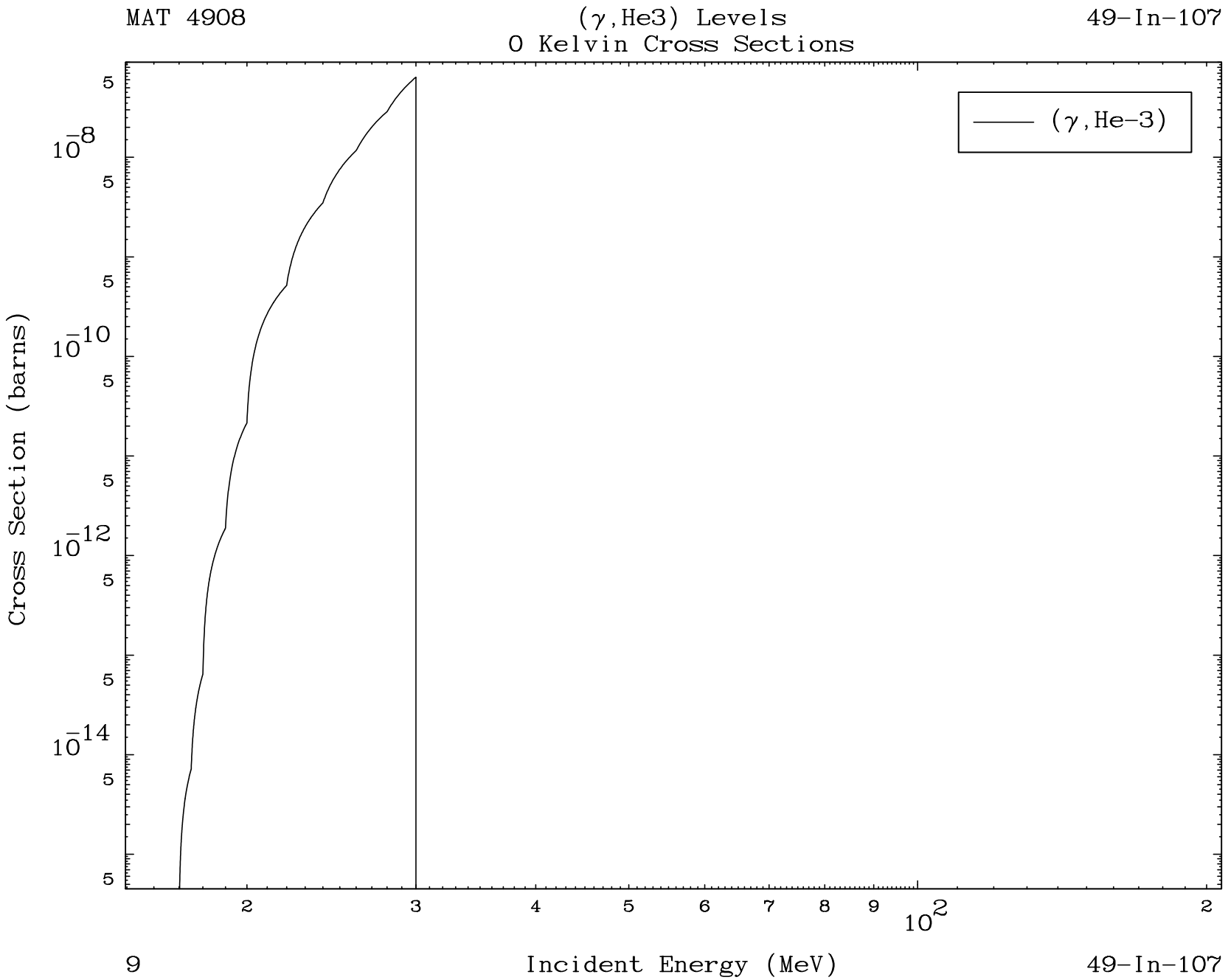

MAT 4908
Photon Charged Particle
0 Kelvin Cross Sections
49-In-107
(γ,t)
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
(γ,p) t
Cross Section (barns)
Incident Energy (MeV)
4
49-In-107

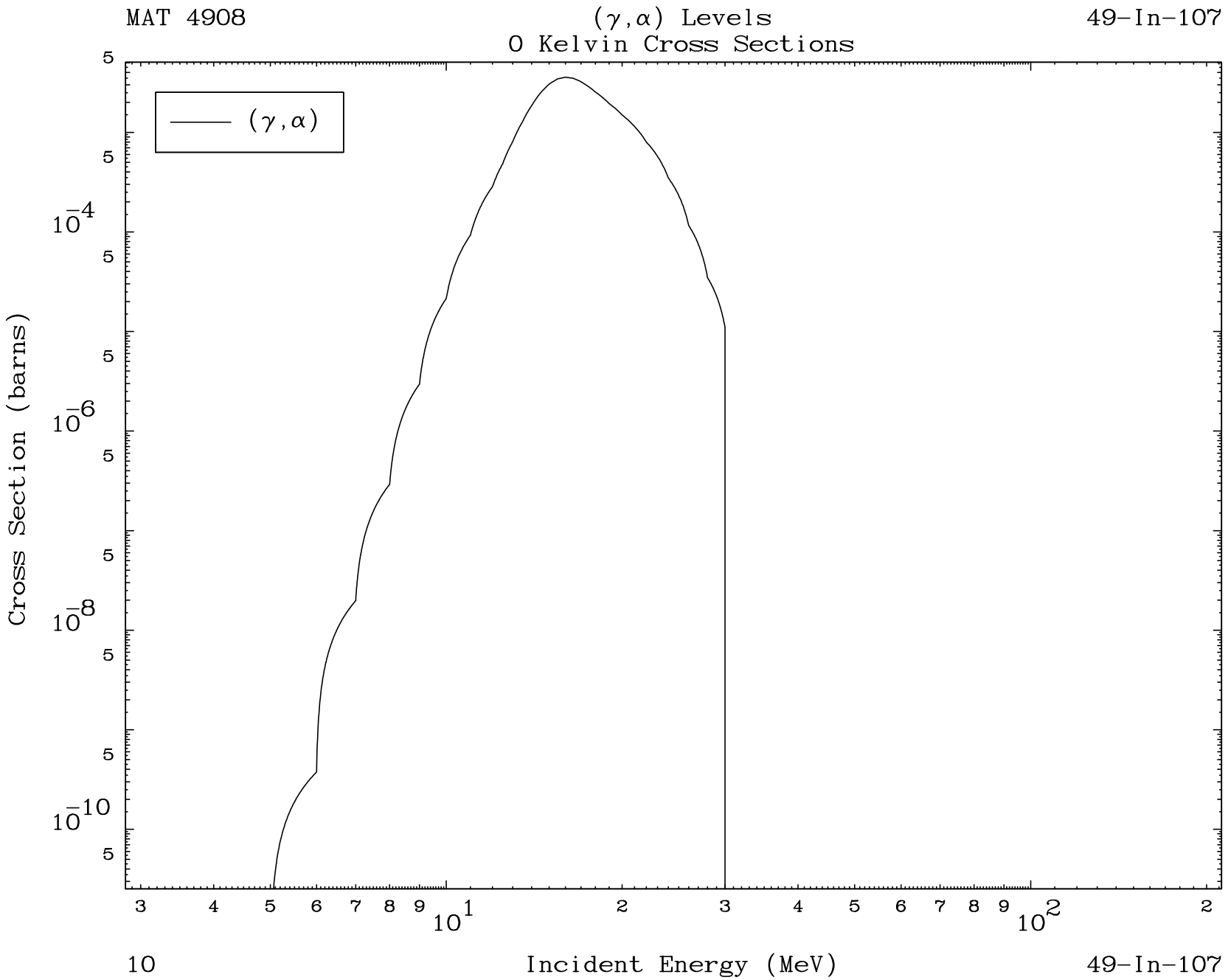

MAT 4908
(γ,n') Level
49-In-107
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
49-In-107

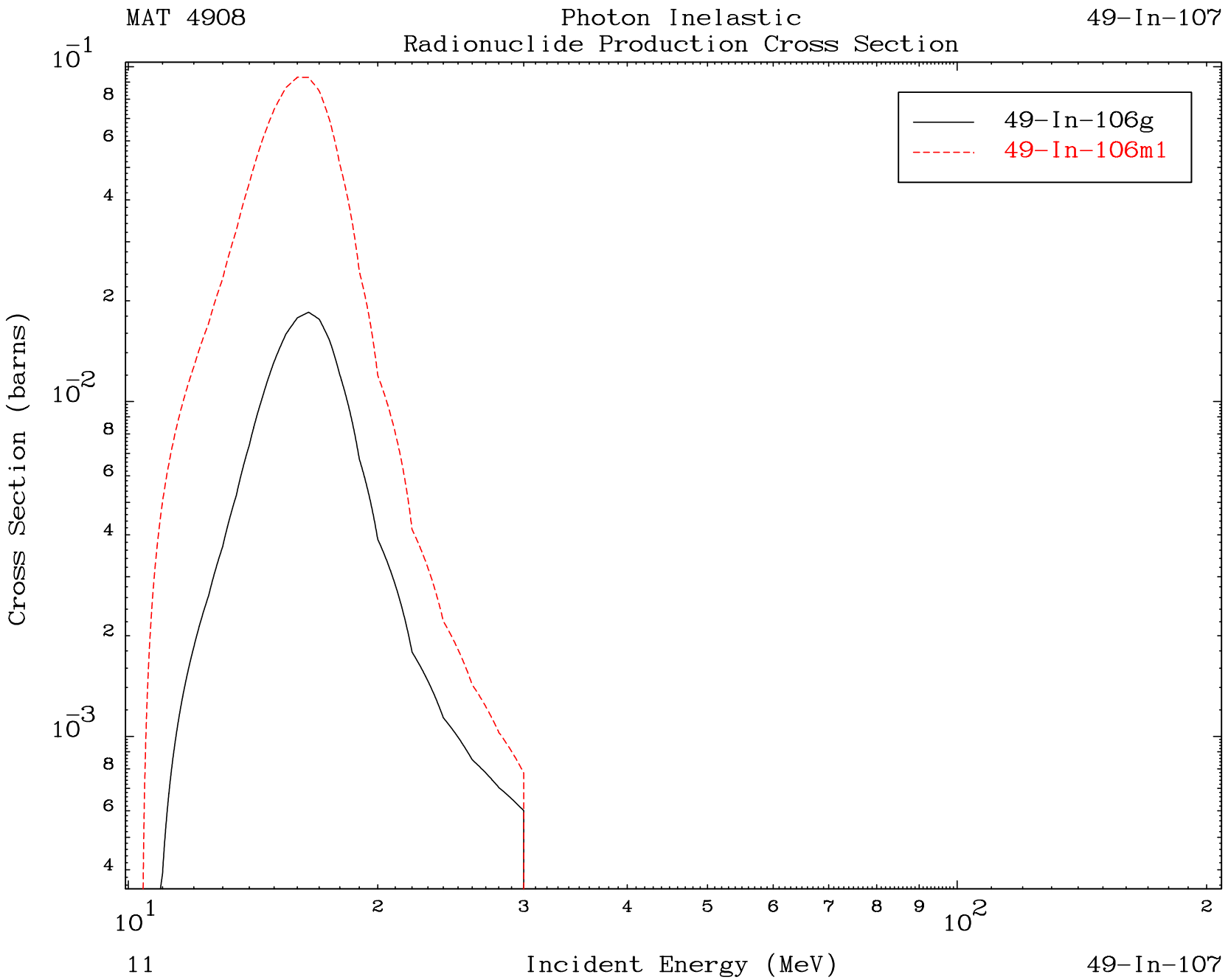

MAT 4908
(γ,p) Levels
49-In-107
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
(γ,p)
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
49-In-107

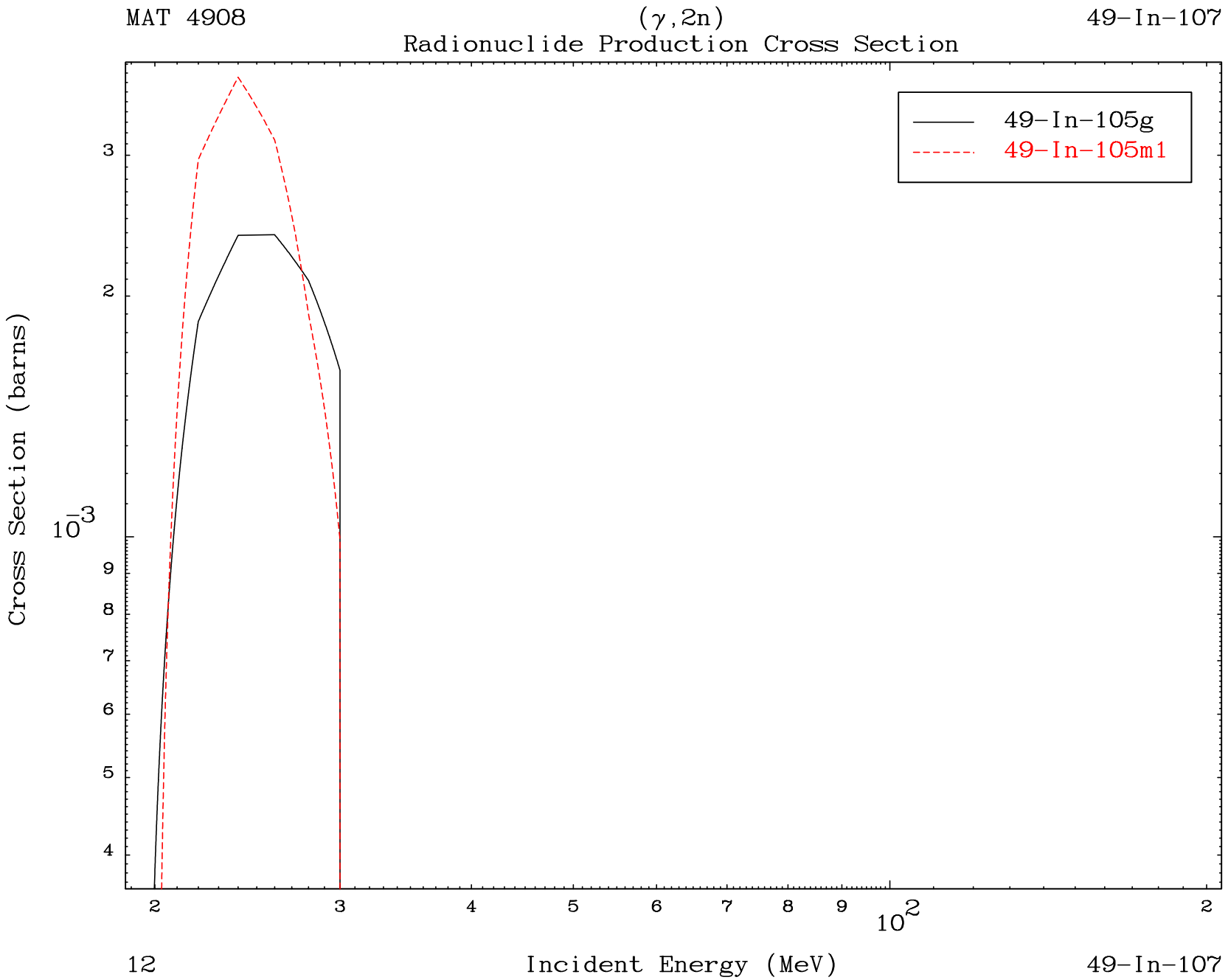

MAT 4908
(γ,d) Levels
49-In-107
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
49-In-107

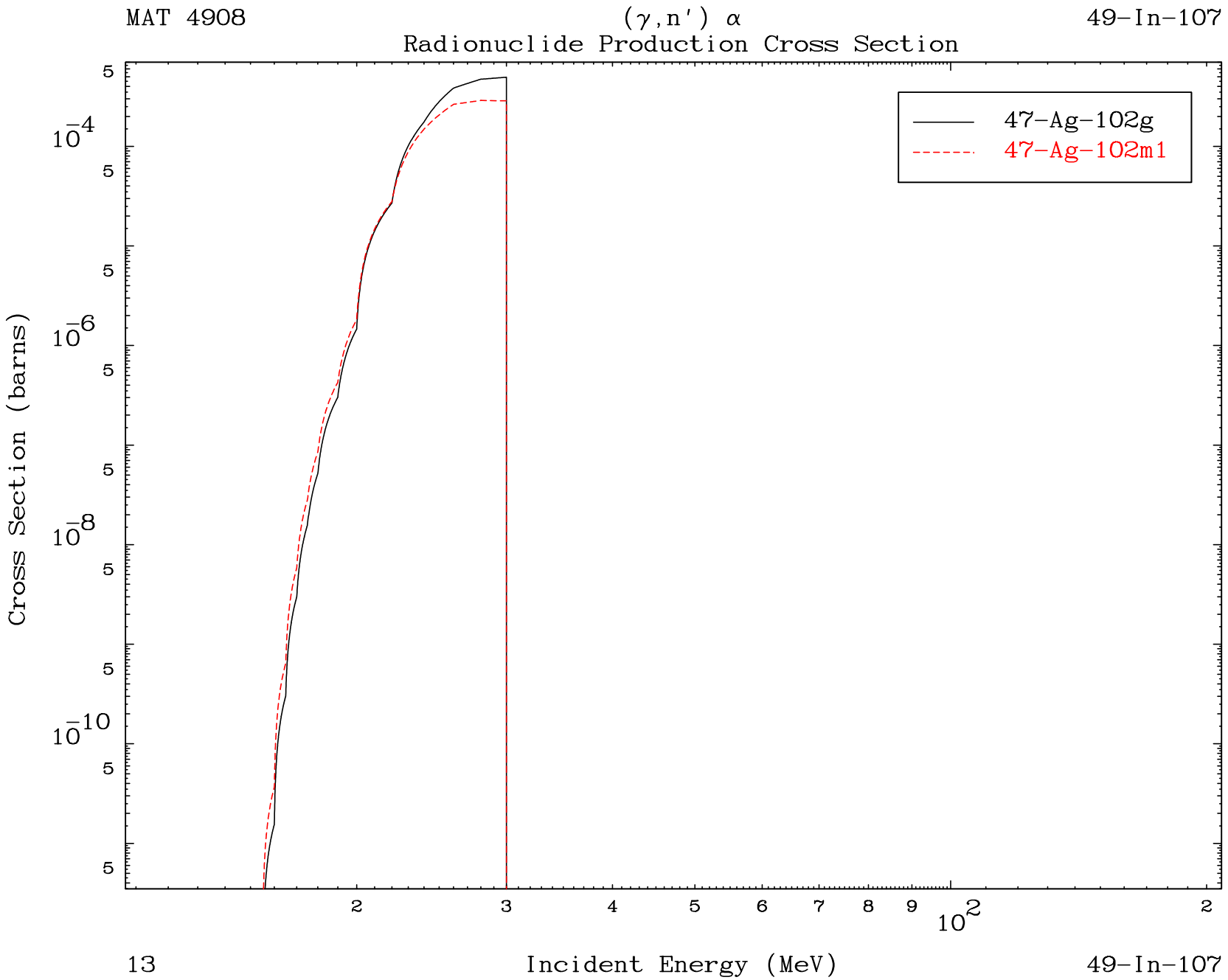

MAT 4908
(γ,t) Levels
49-In-107
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
10-14
2
3
4
5
6
7
8
9
10 2
2
8
Incident Energy (MeV)
49-In-107

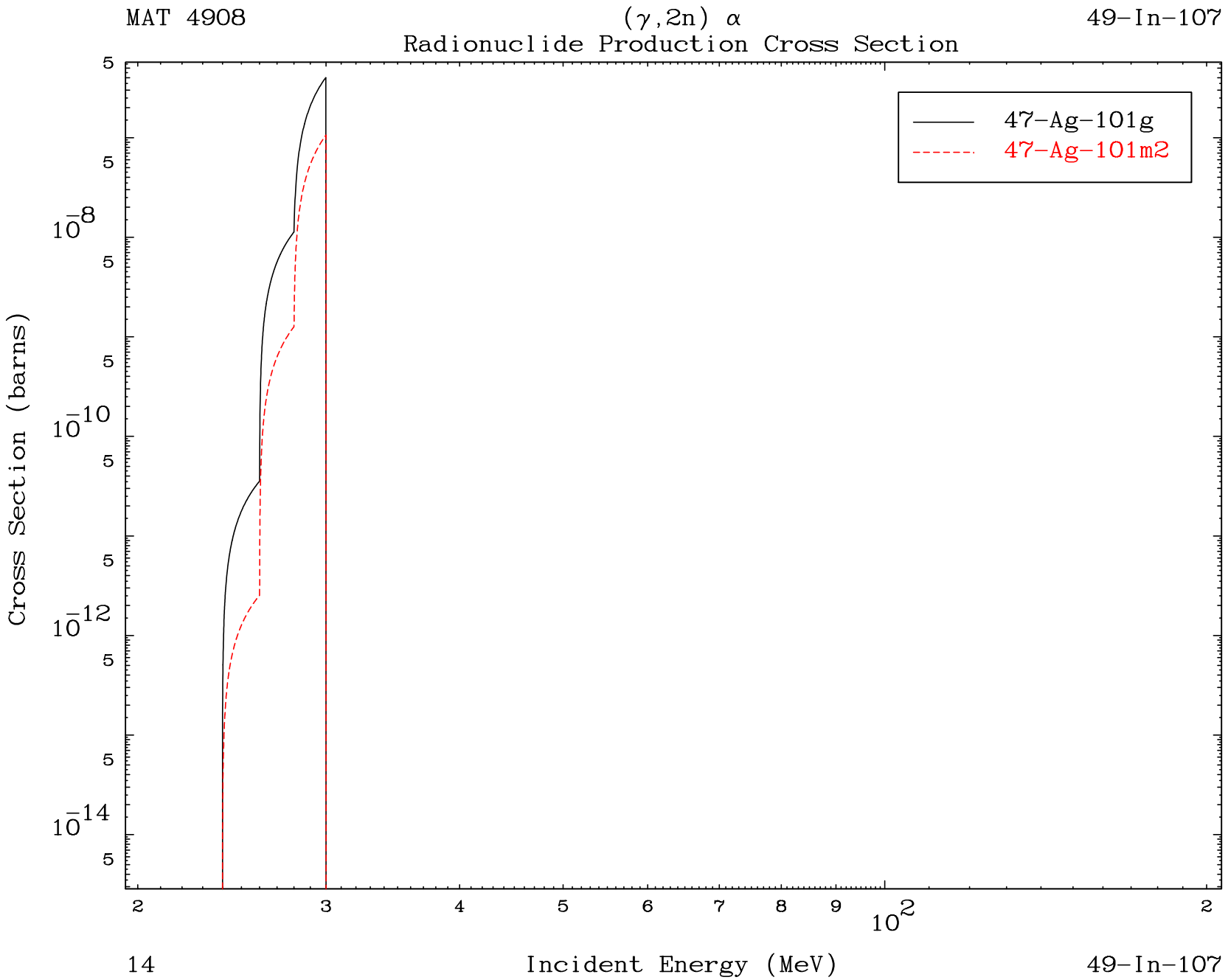

MAT 4908
(γ,He3) Levels
49-In-107
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
49-In-107

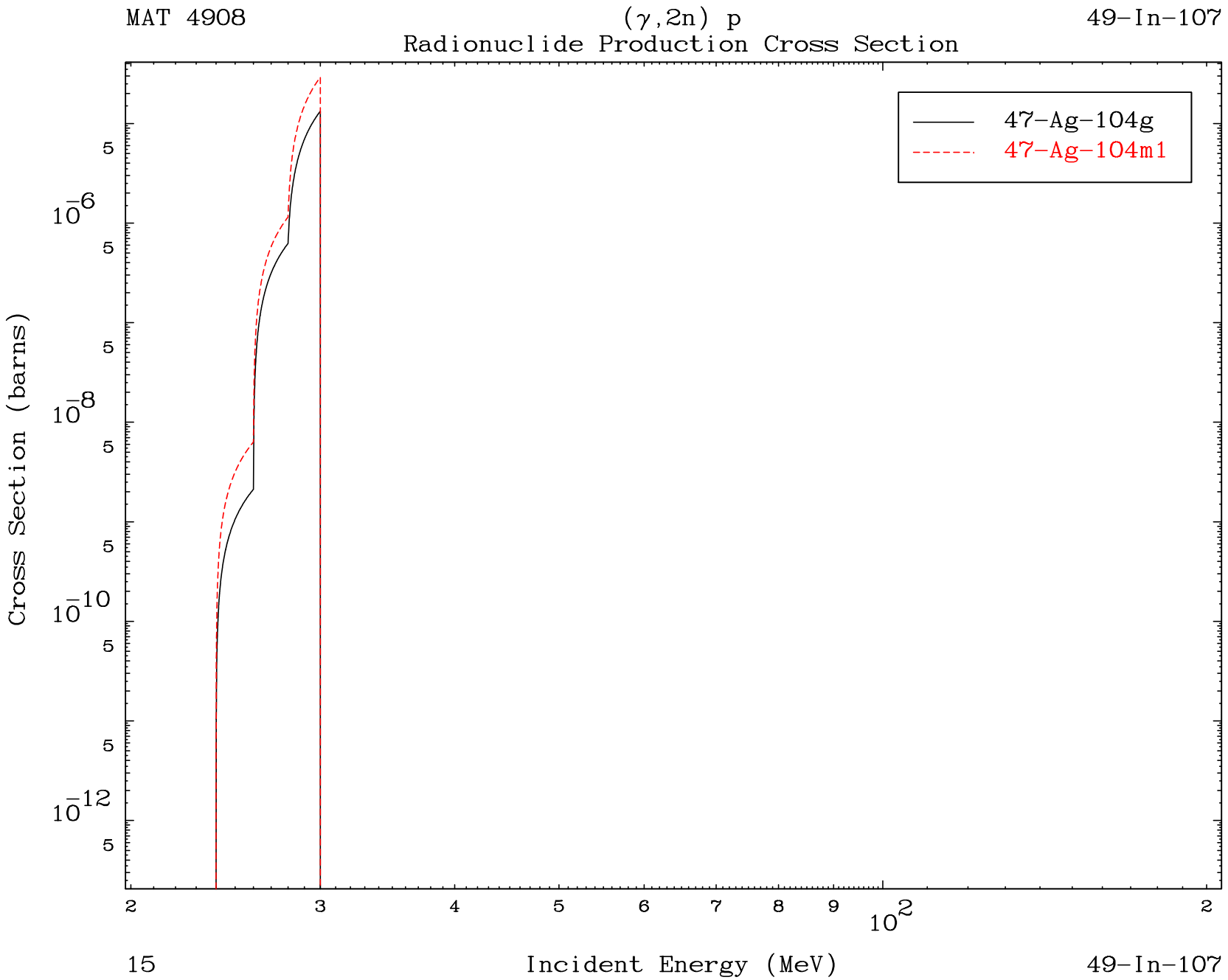

MAT 4908
(γ,α) Levels
49-In-107
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
49-In-107

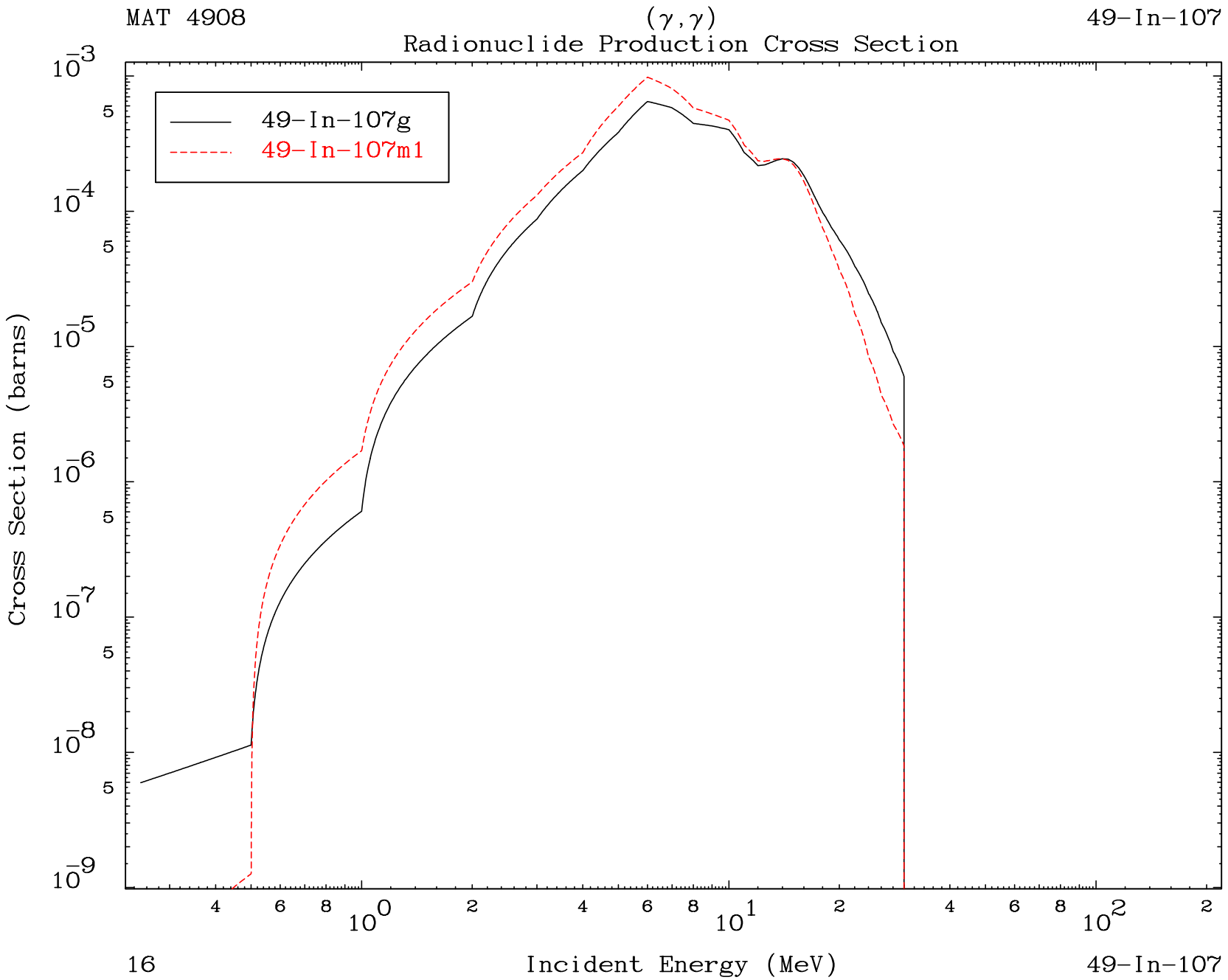

MAT 4908
Photon Inelastic
49-In-107
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
49-In-106g
49-In-106m1
11
49-In-107

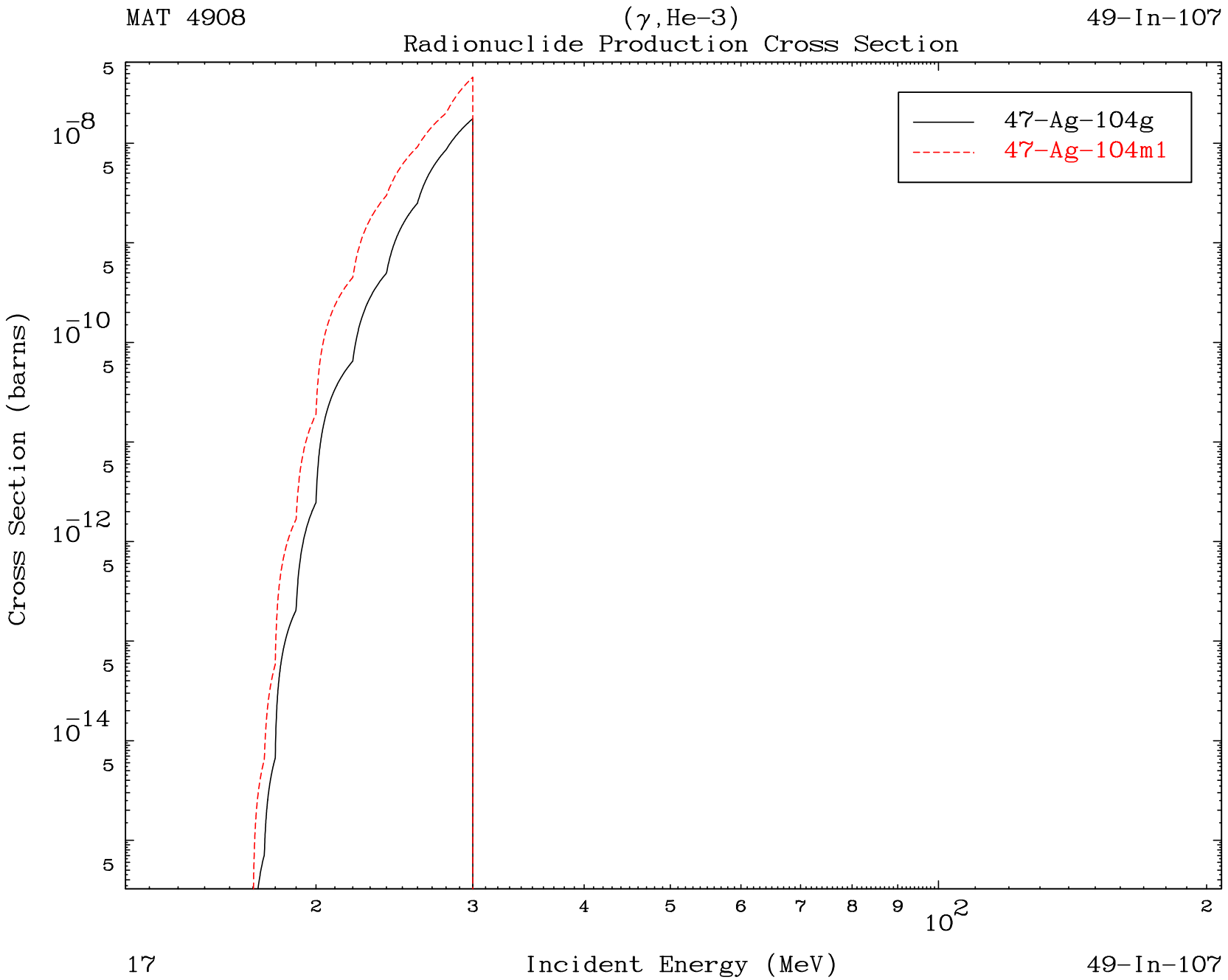

MAT 4908
(γ,2n)
49-In-107
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
10-3
3
2
9
8
7
6
5
4
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
49-In-107

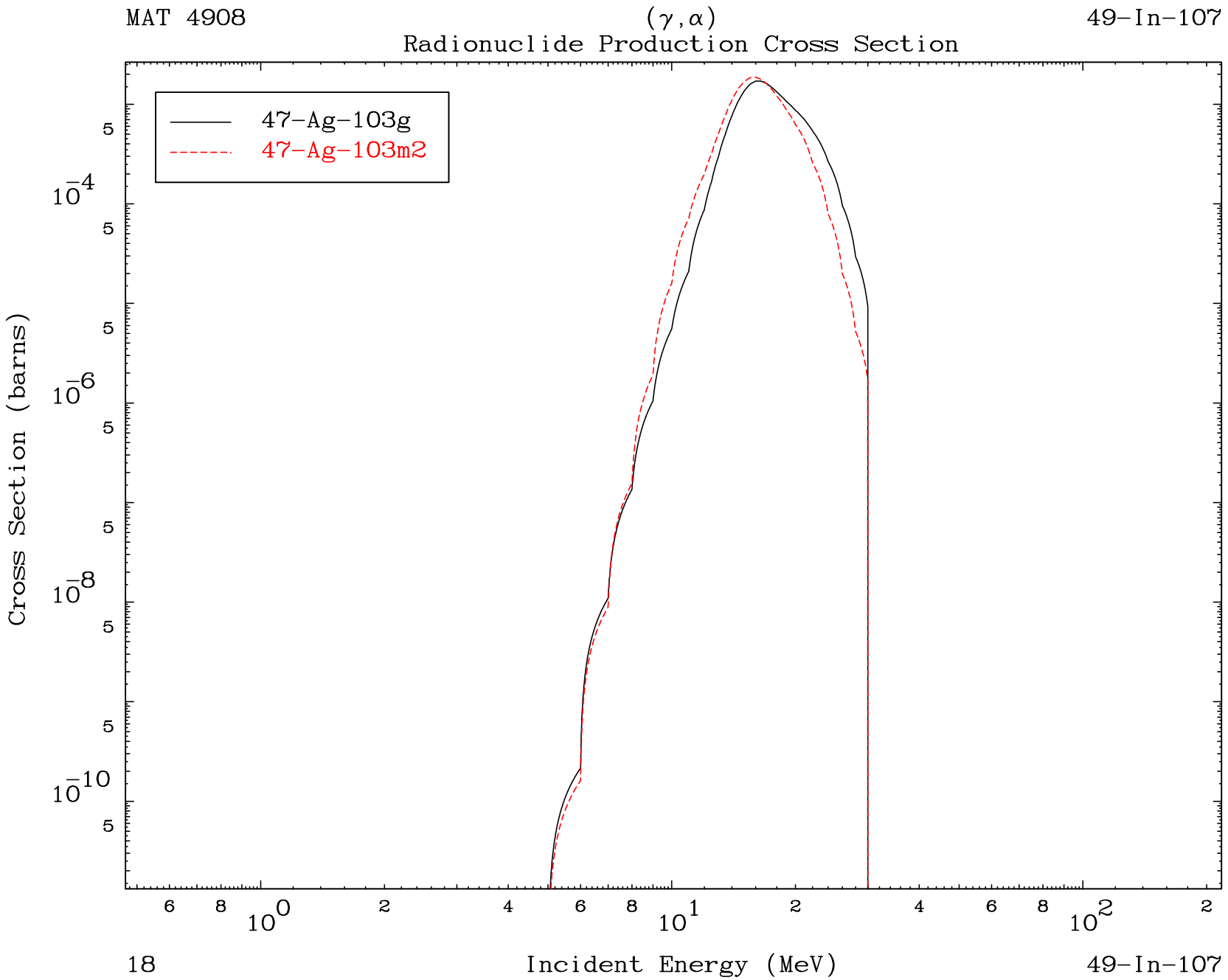

MAT 4908
(γ,n') α
49-In-107
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
Incident Energy (MeV)
13
49-In-107

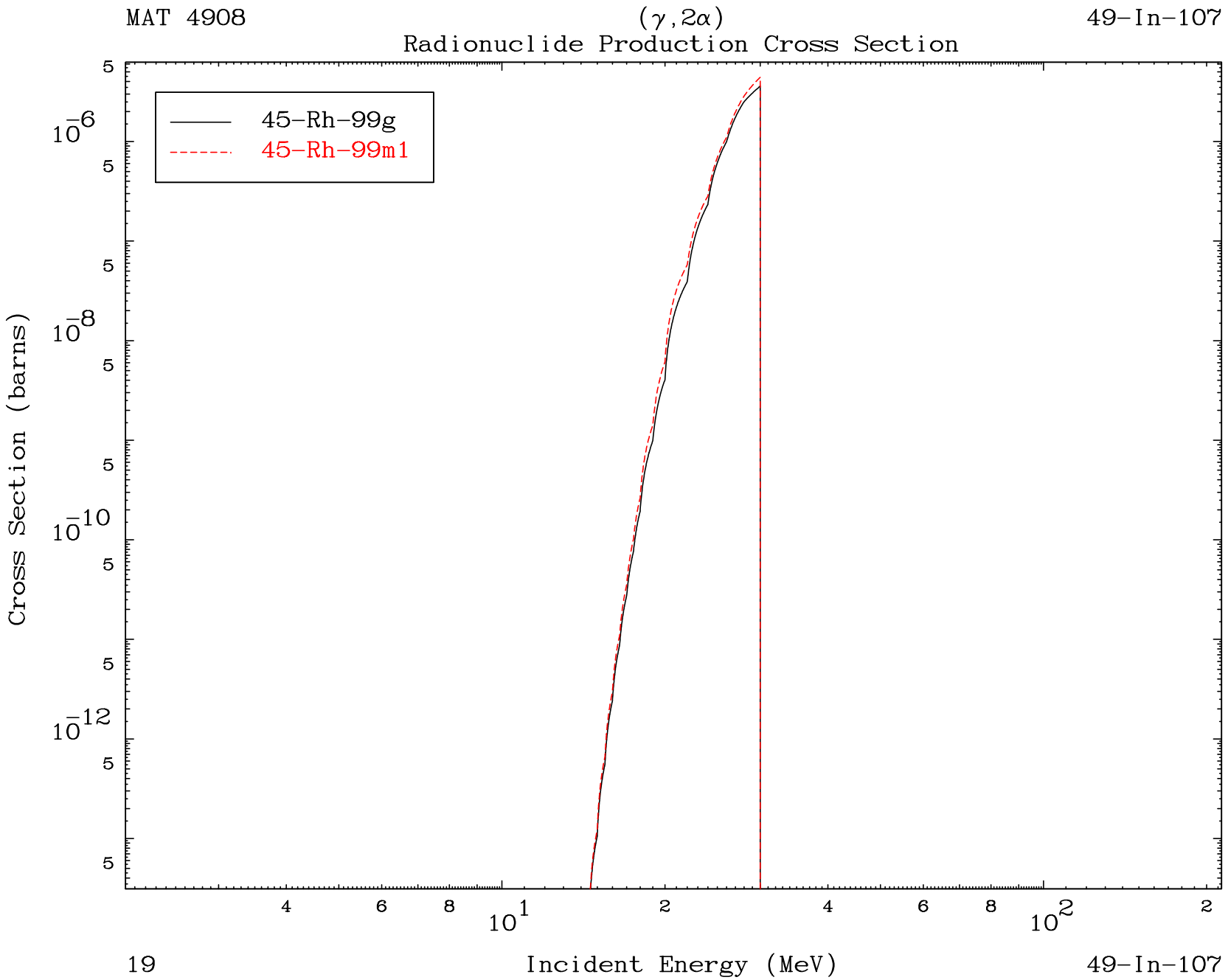

MAT 4908
(γ,2n) α
49-In-107
Radionuclide Production Cross Section
47-Ag-101g
47-Ag-101m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
14
49-In-107

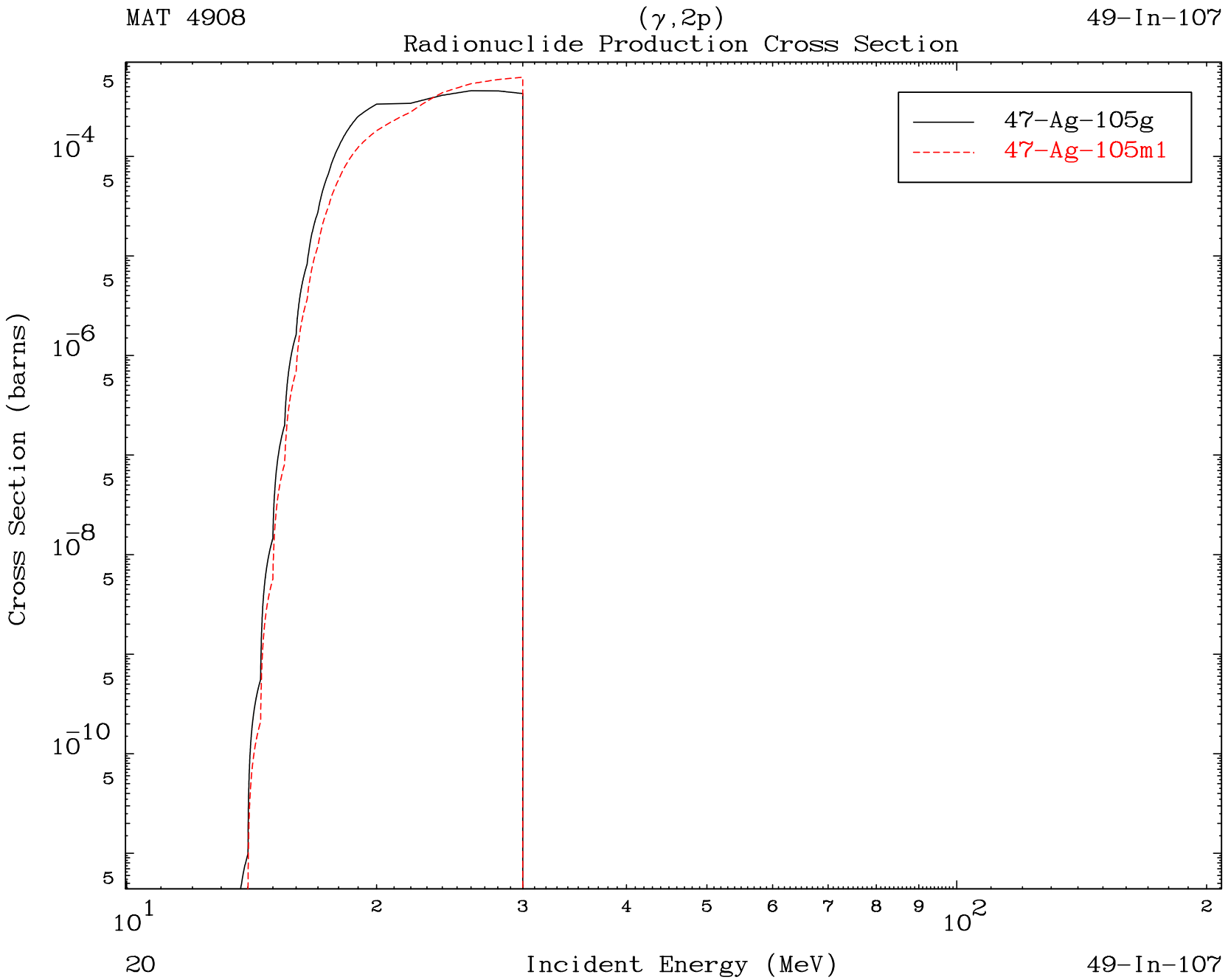

MAT 4908
(γ,2n) p
49-In-107
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
49-In-107

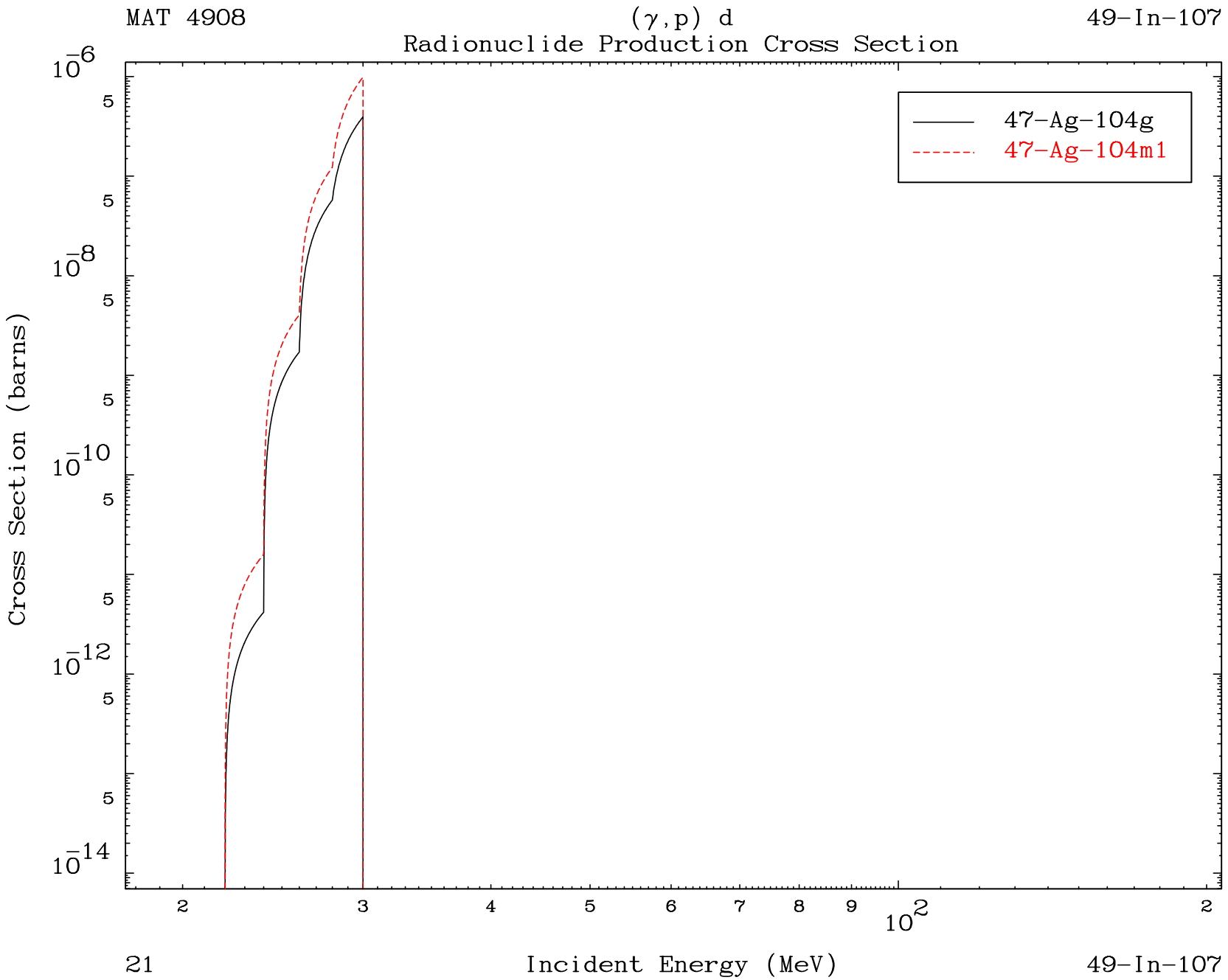

MAT 4908
(γ,γ)
49-In-107
Radionuclide Production Cross Section
49-In-107g
49-In-107m1
Cross Section (barns)
Incident Energy (MeV)
16
49-In-107

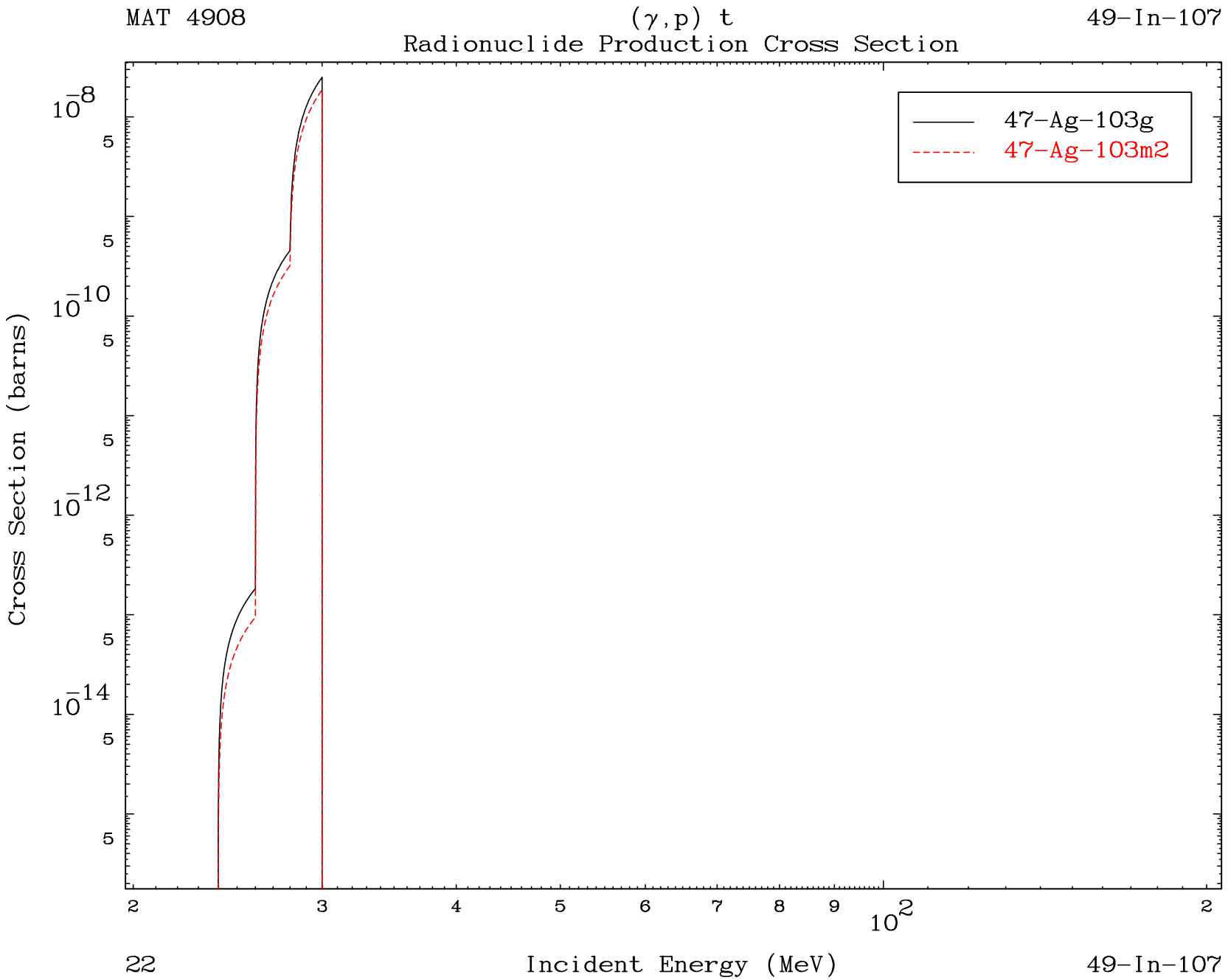

MAT 4908
(γ,He-3)
49-In-107
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
17
49-In-107


MAT 4908
(γ,α)
49-In-107
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
18
49-In-107


MAT 4908
(γ,2α)
49-In-107
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4
6
8
10^1
2
10^2
19
Incident Energy (MeV)
49-In-107


MAT 4908
(γ,2p)
49-In-107
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
49-In-107
20


MAT 4908
(γ,p) d
49-In-107
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
21
49-In-107


MAT 4908
(γ,p) t
49-In-107
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
2
22
Incident Energy (MeV)
49-In-107