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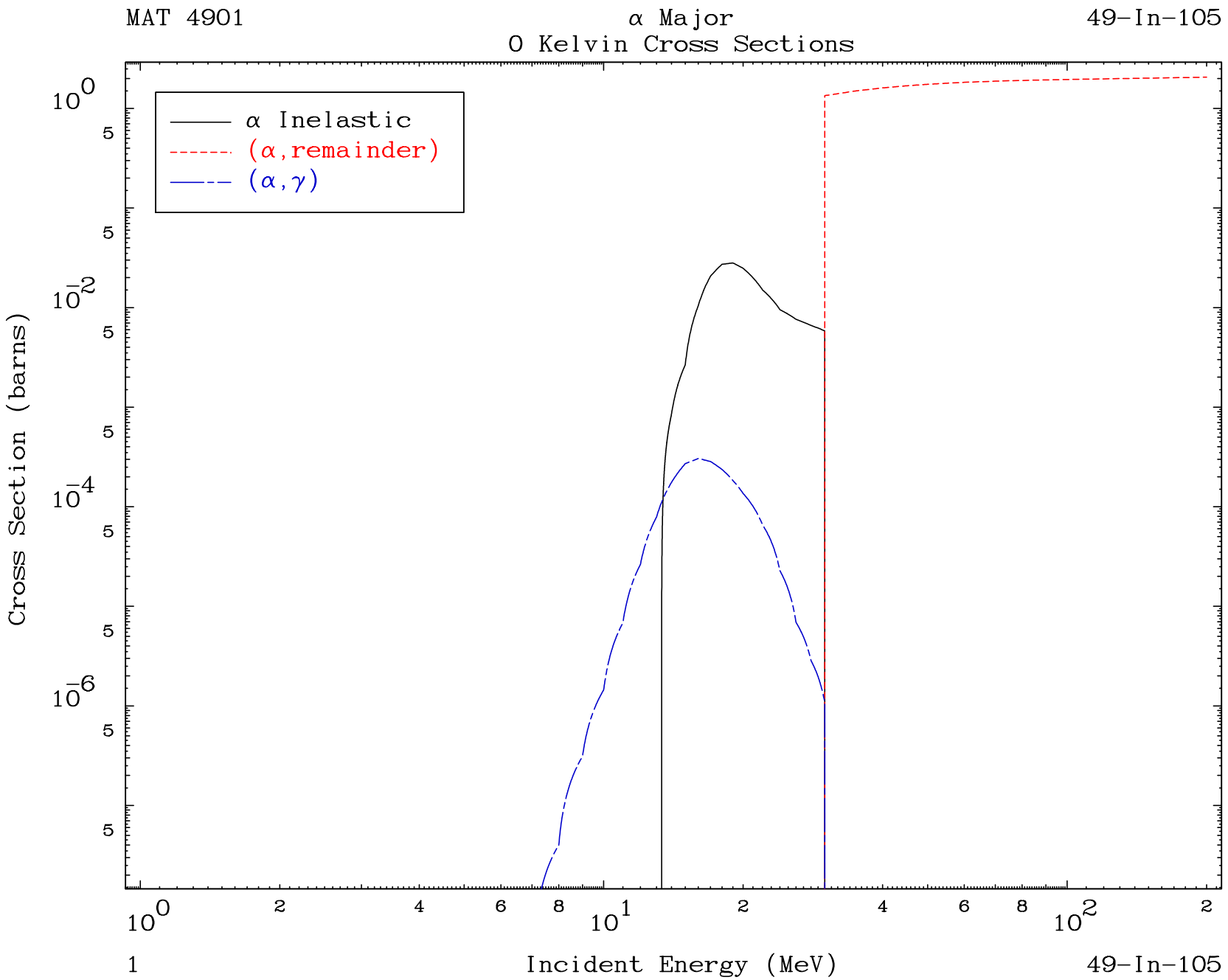
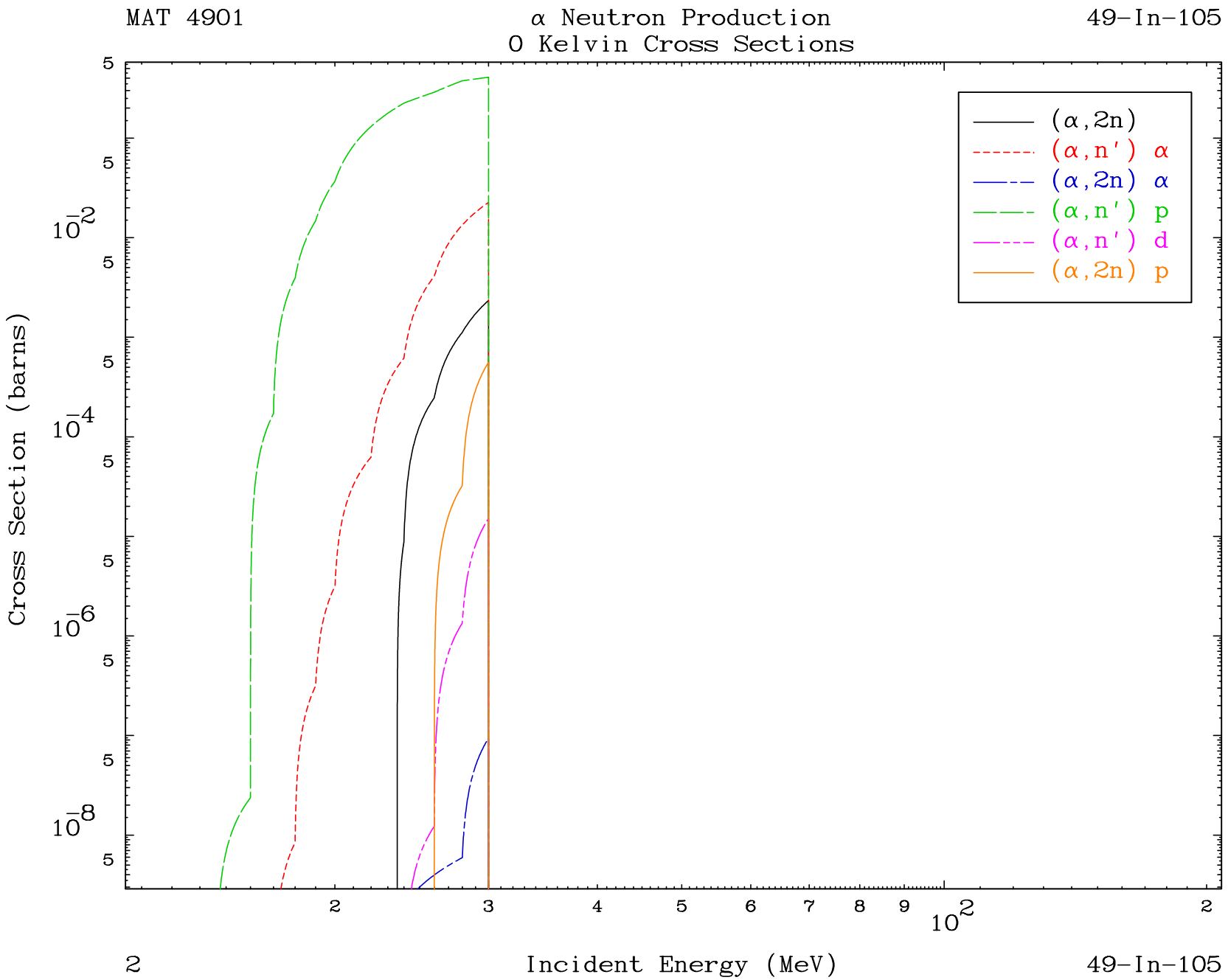
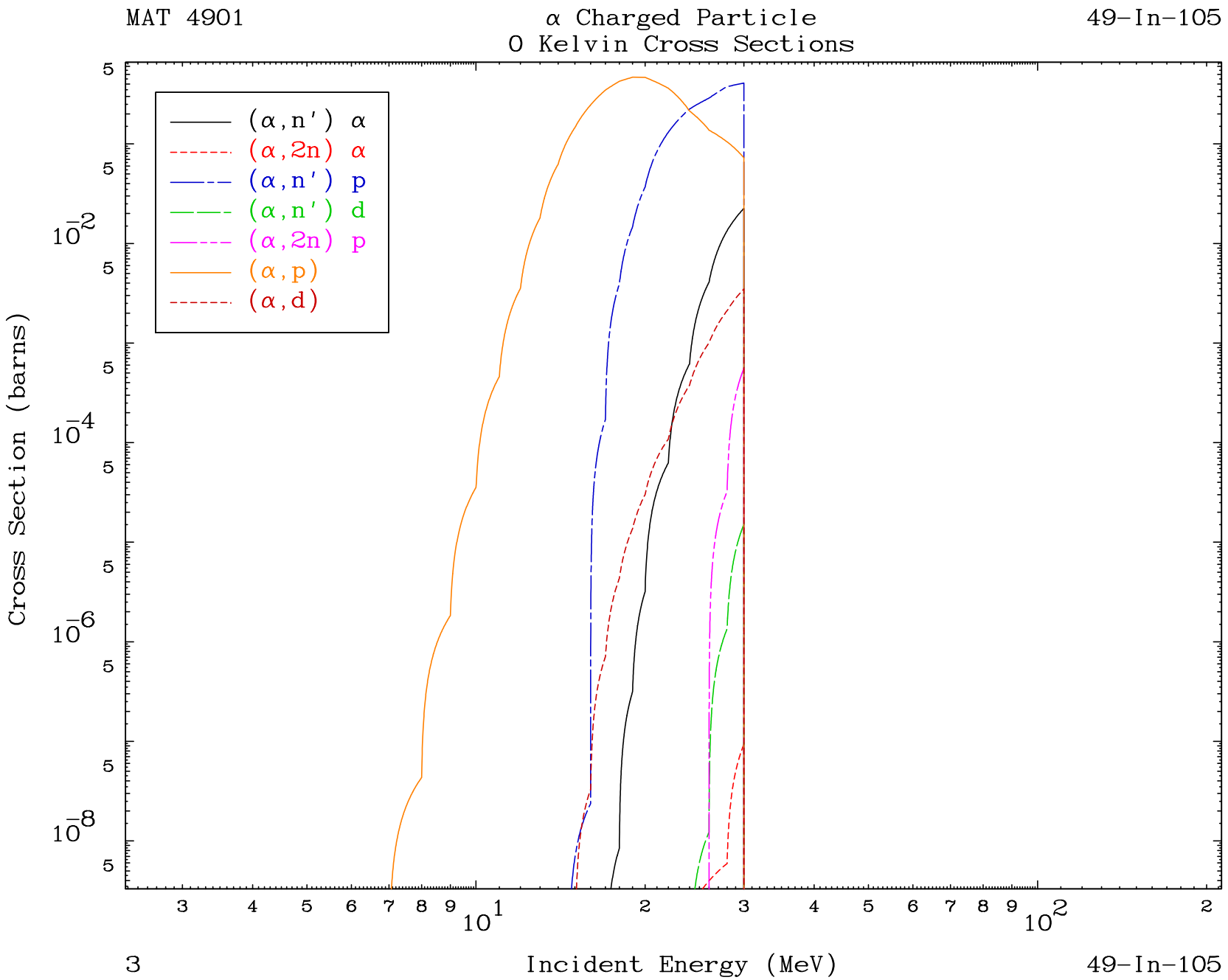
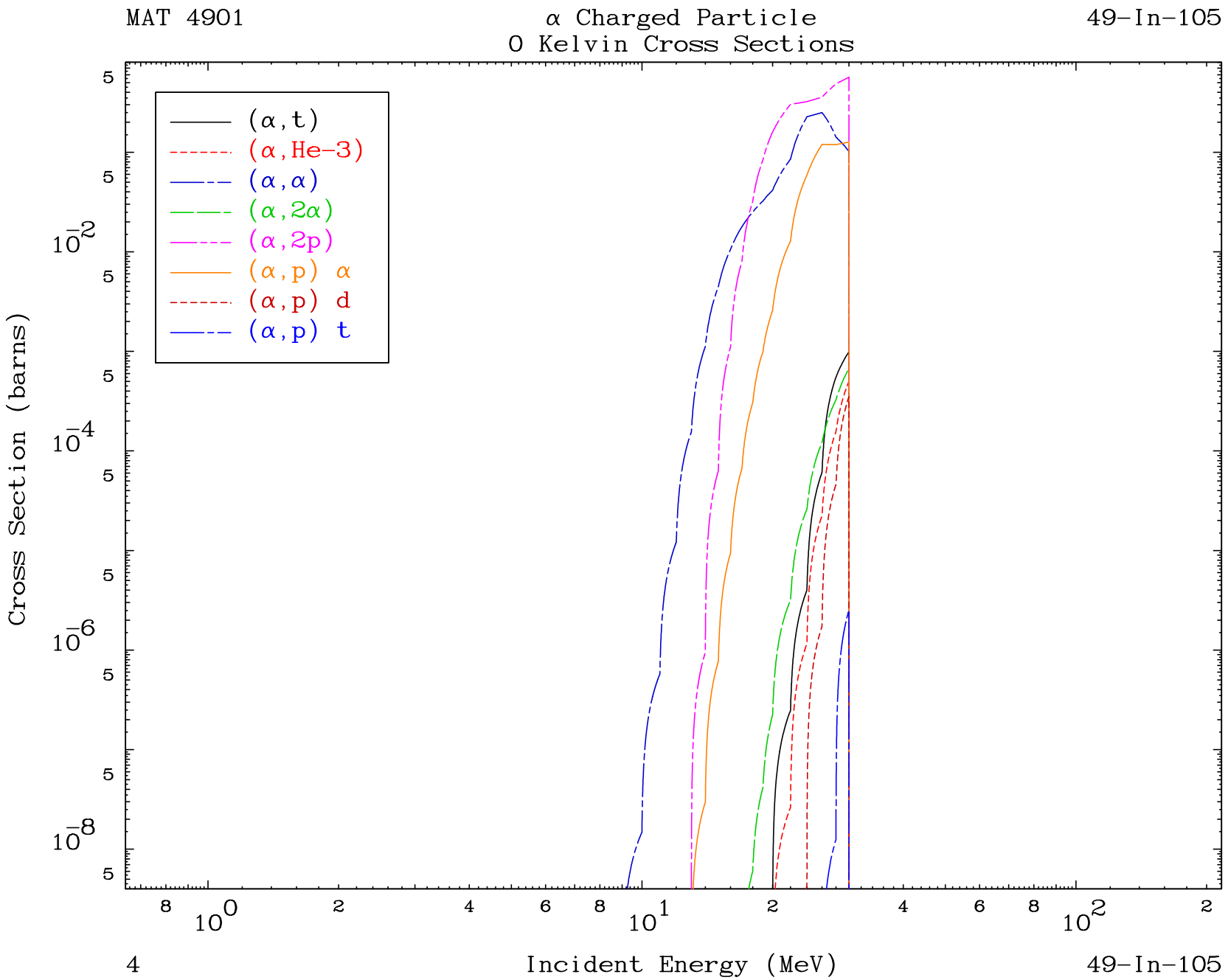
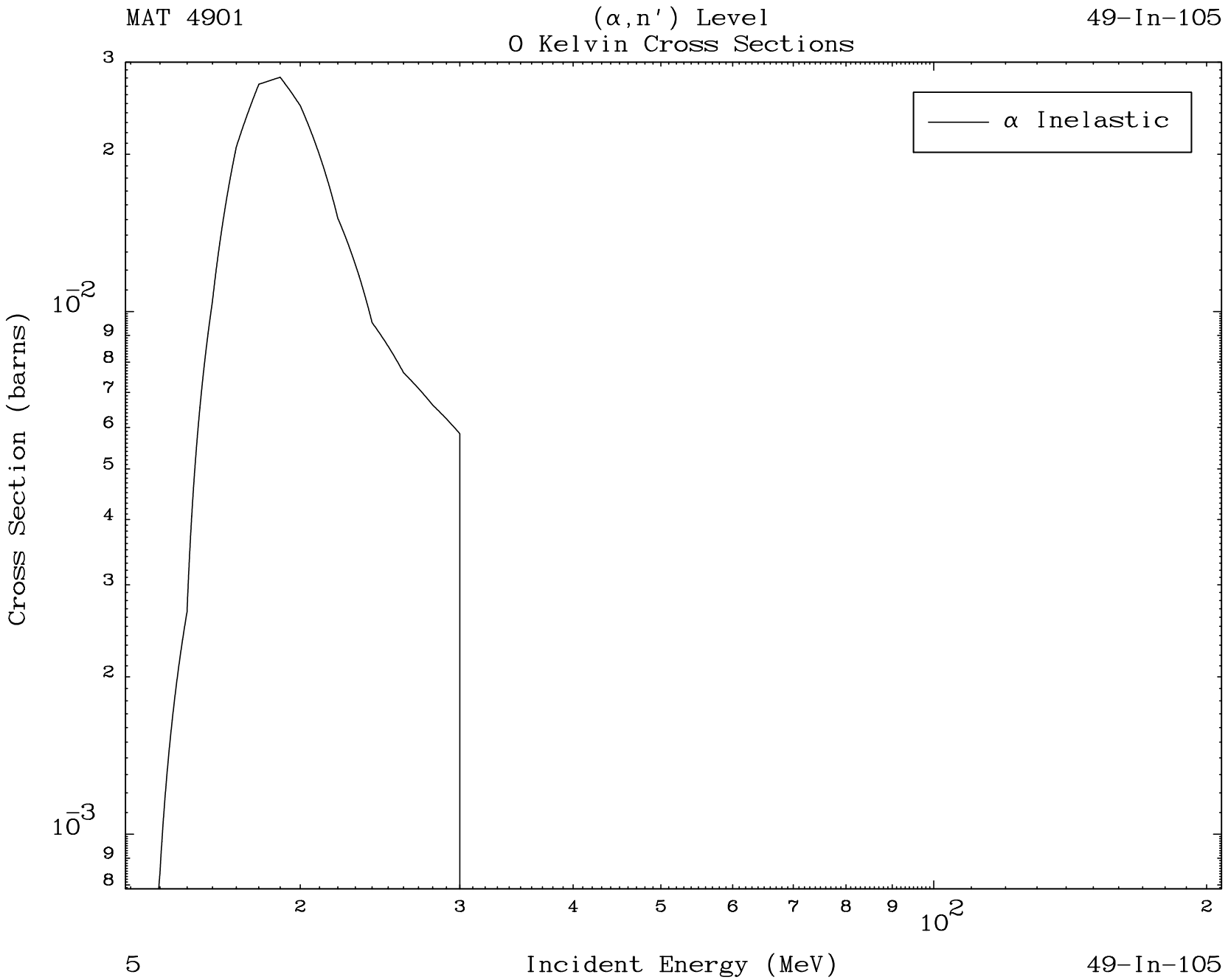
Press Mouse Button to Start

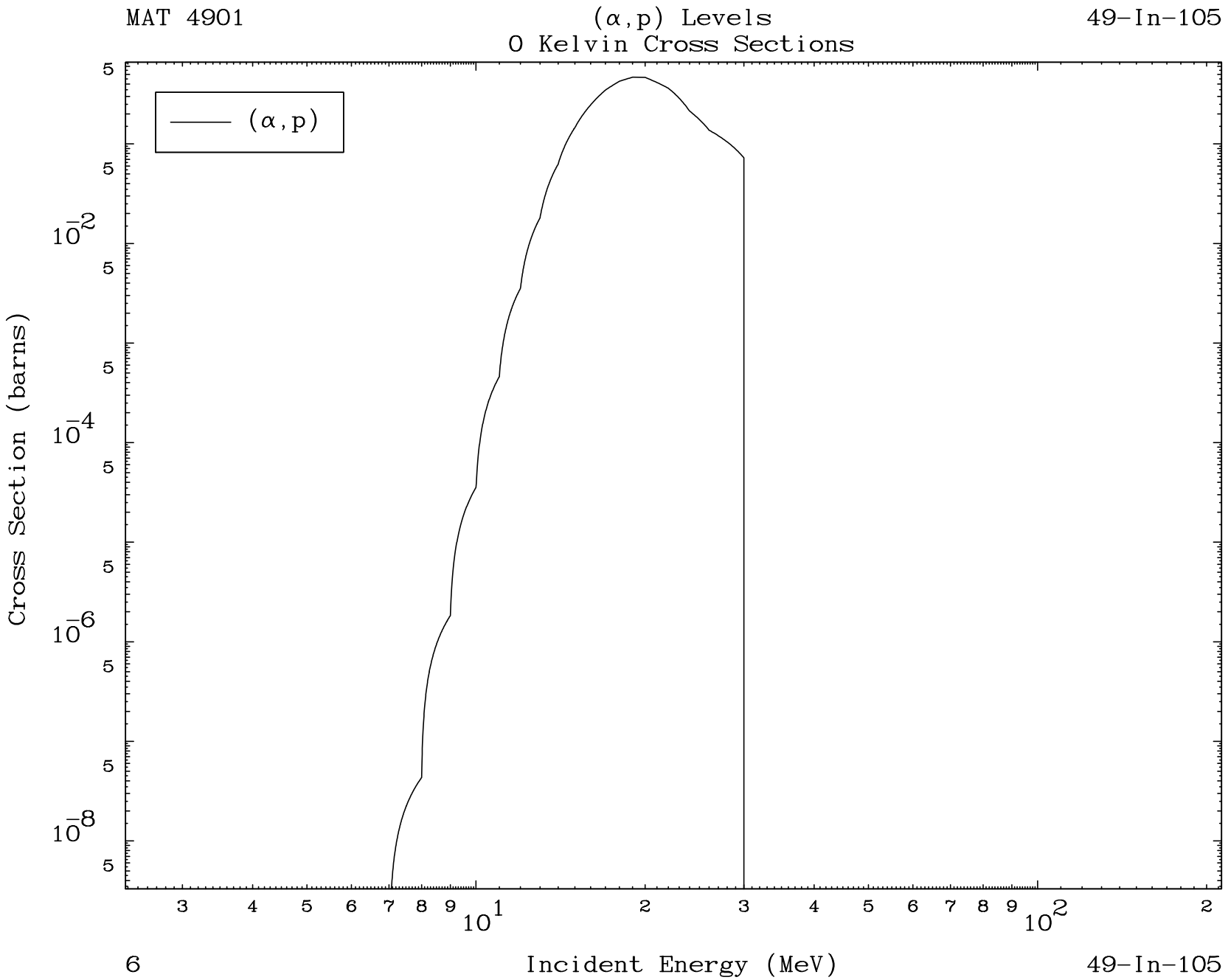

MAT 4901
α Major
49-In-105
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-105

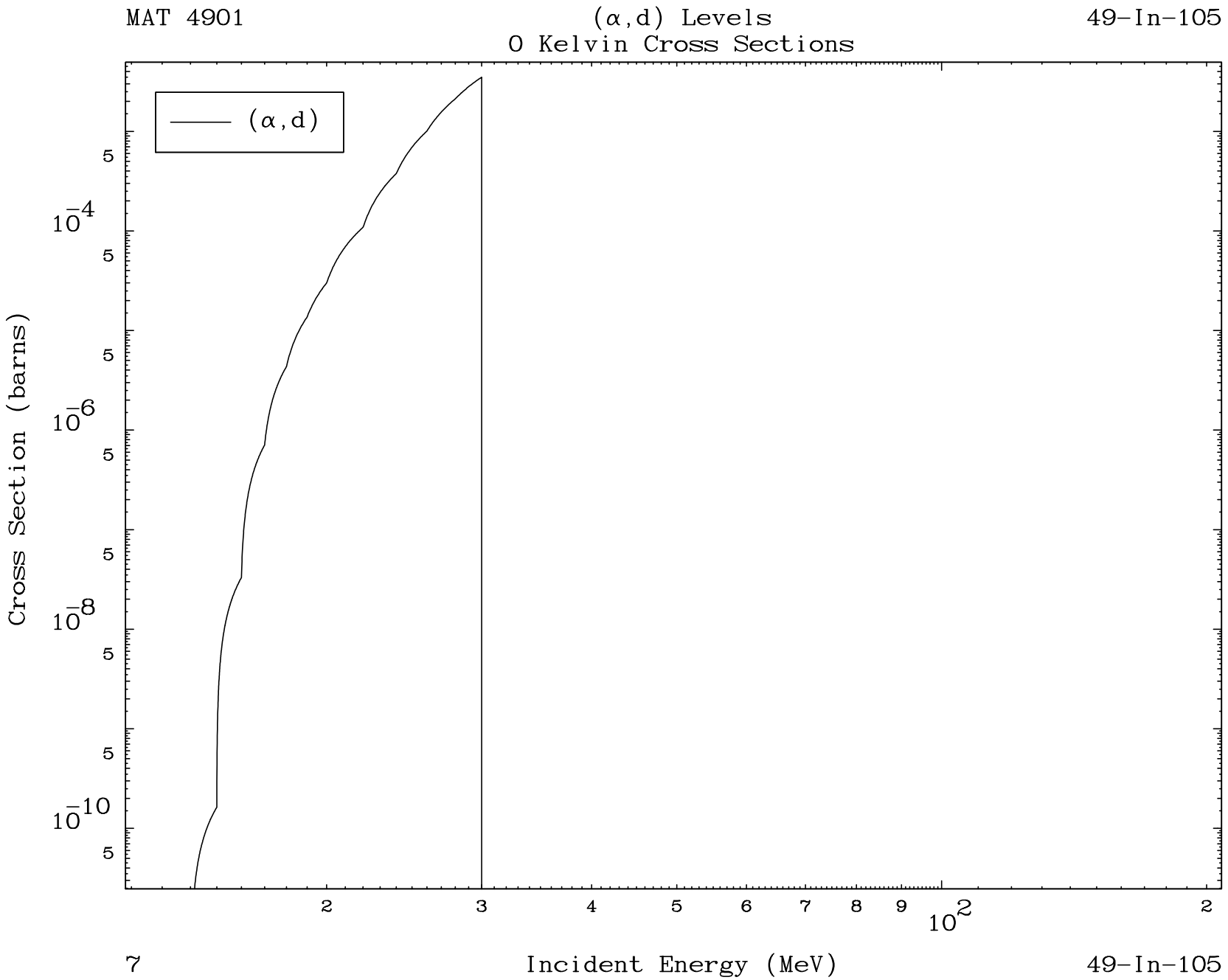

MAT 4901
α Neutron Production
0 Kelvin Cross Sections
49-In-105
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
49-In-105

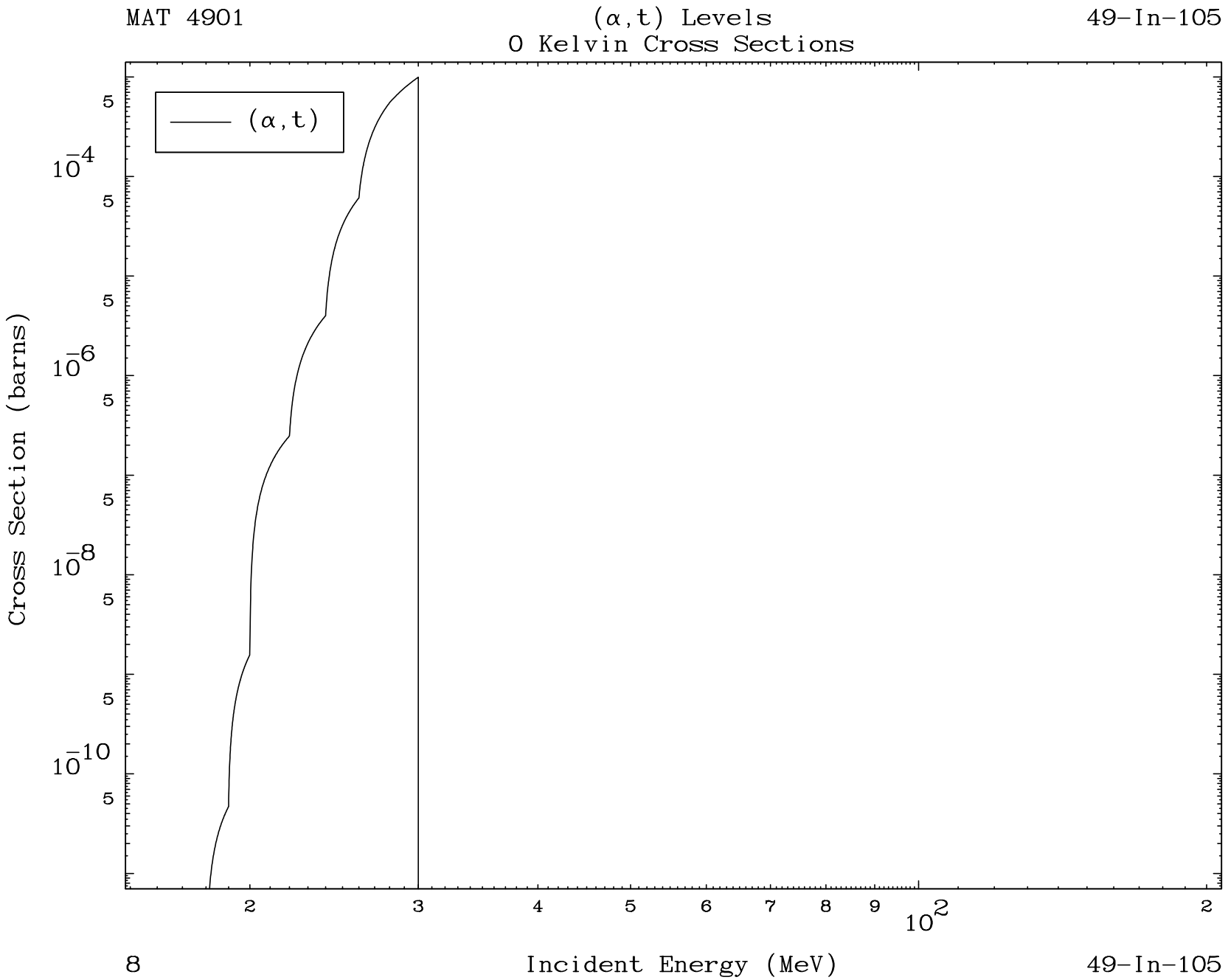

MAT 4901
α Charged Particle
0 Kelvin Cross Sections
49-In-105
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
49-In-105

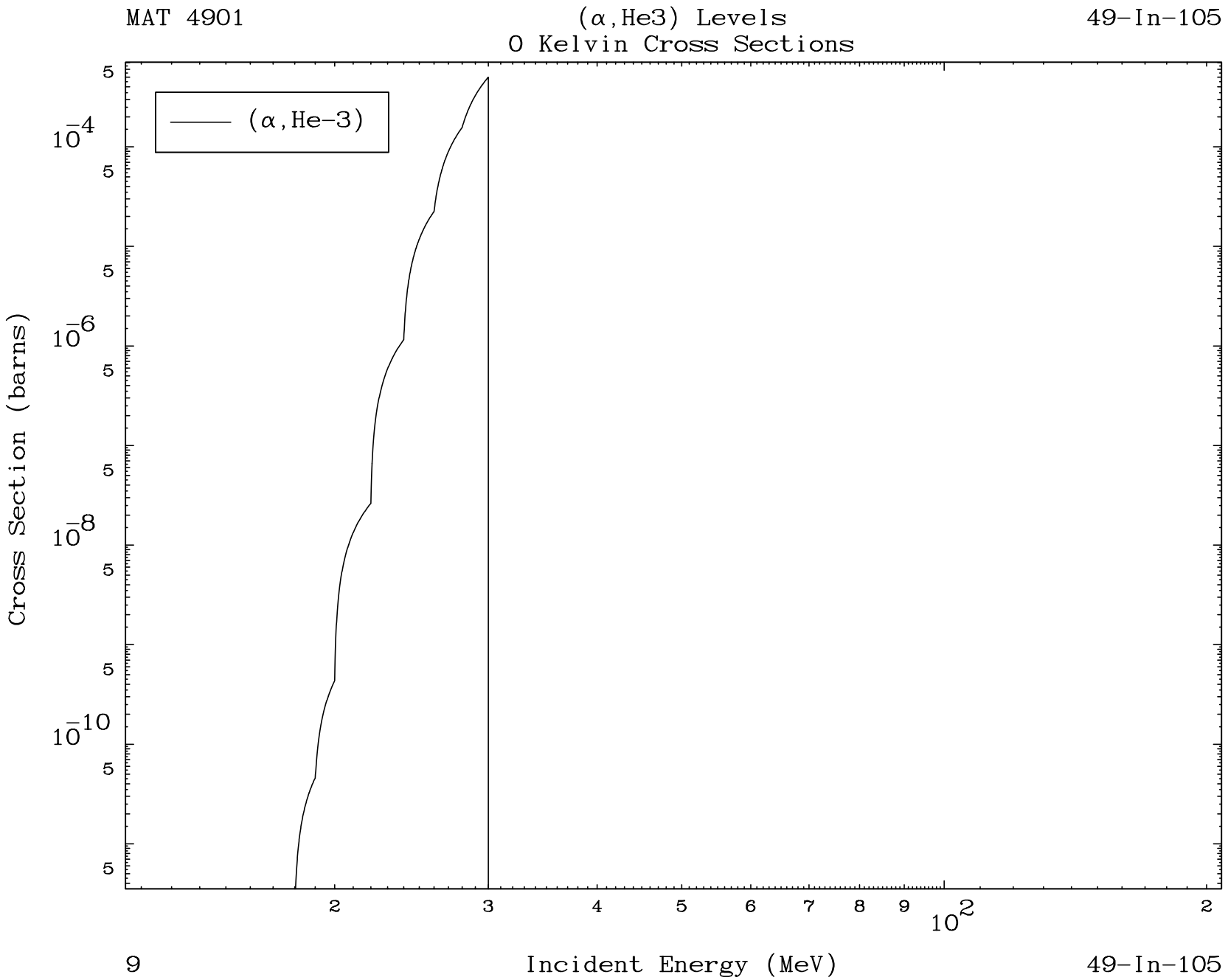

MAT 4901
α Charged Particle
0 Kelvin Cross Sections
49-In-105
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
49-In-105

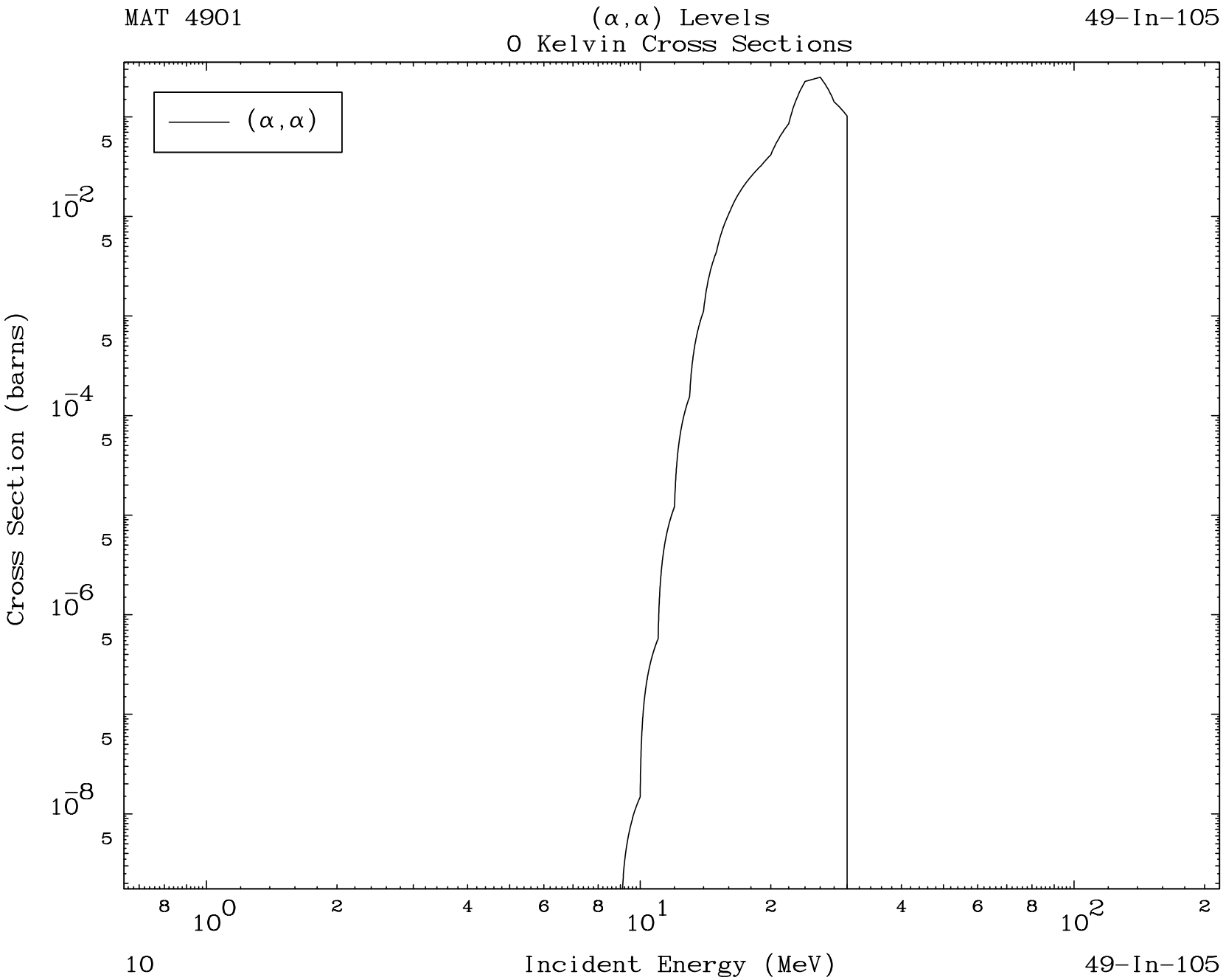

MAT 4901
(α,n') Level
49-In-105
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
49-In-105
5

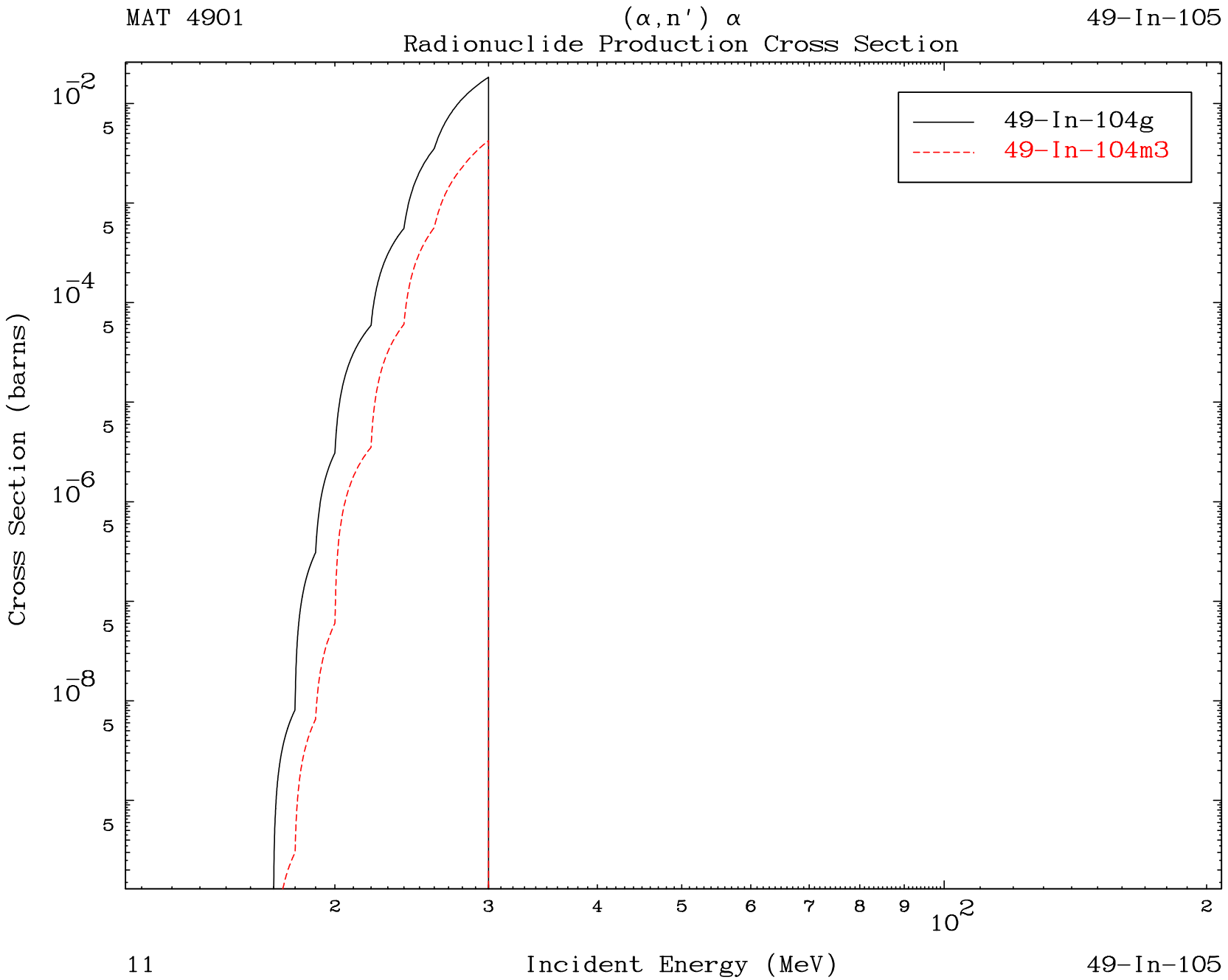

MAT 4901
(α,p) Levels
49-In-105
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
49-In-105

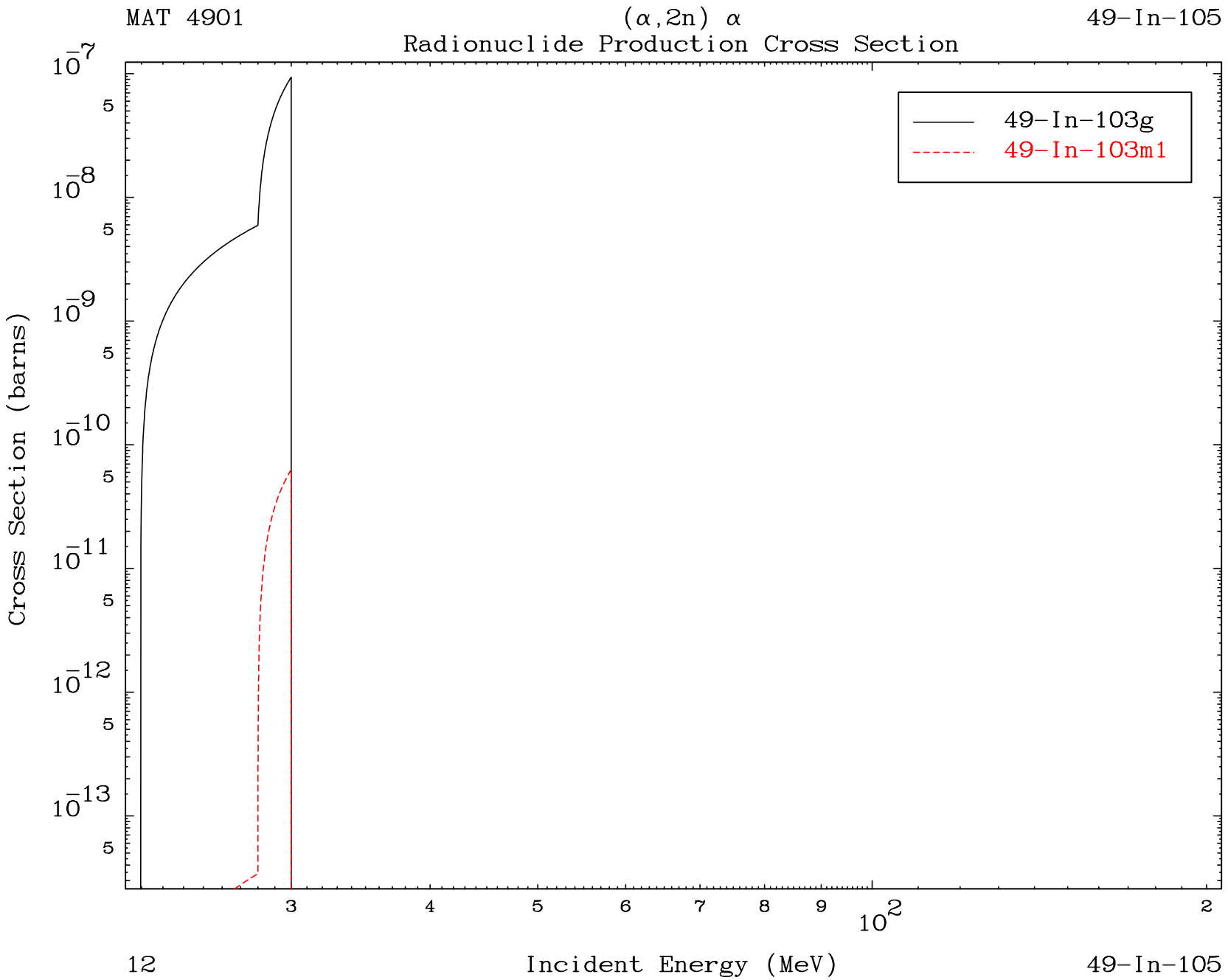

MAT 4901
(α,d) Levels
49-In-105
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
49-In-105

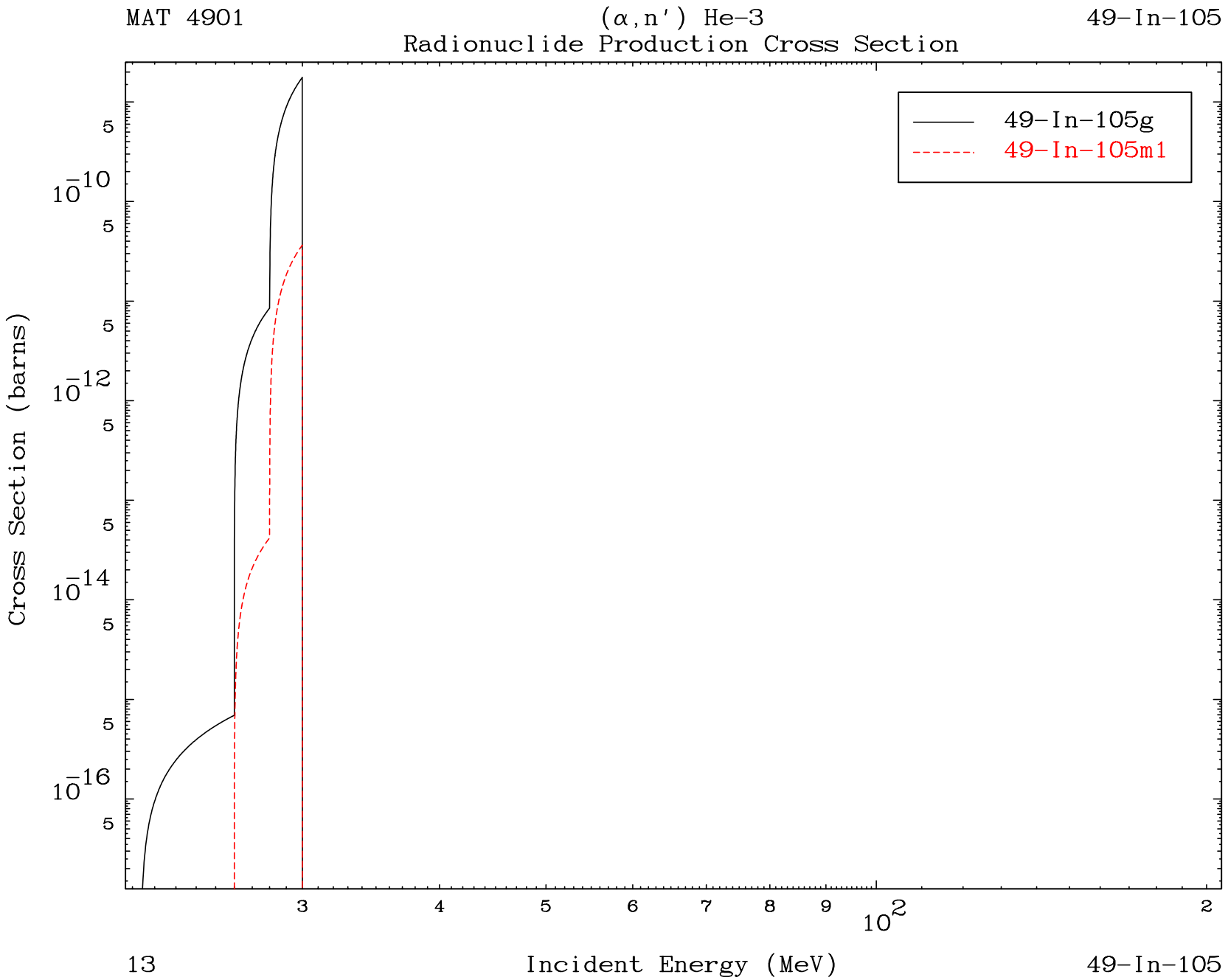

MAT 4901
(α,t) Levels
49-In-105
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
49-In-105

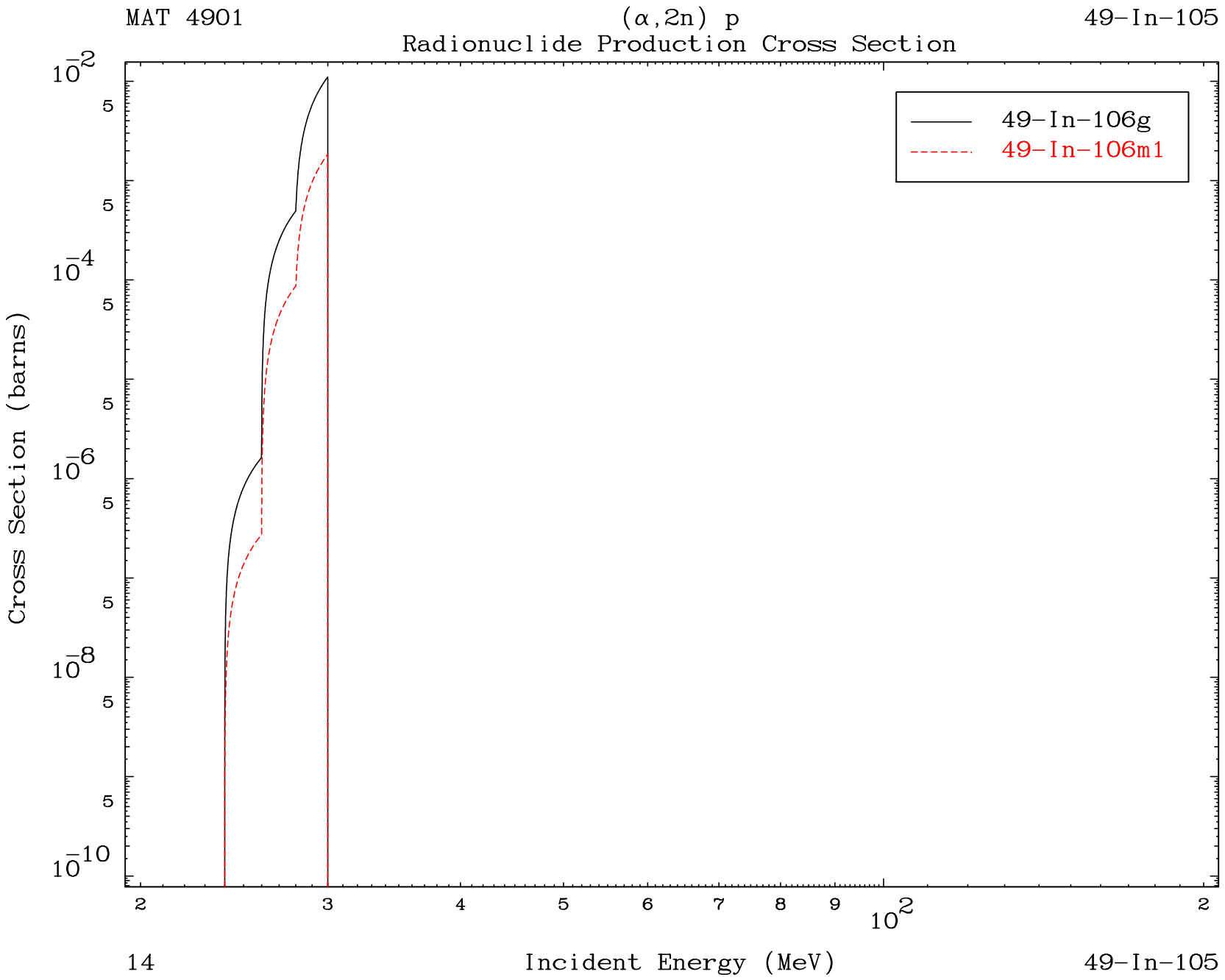

MAT 4901
(α,He3) Levels
49-In-105
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
9
Incident Energy (MeV)
49-In-105

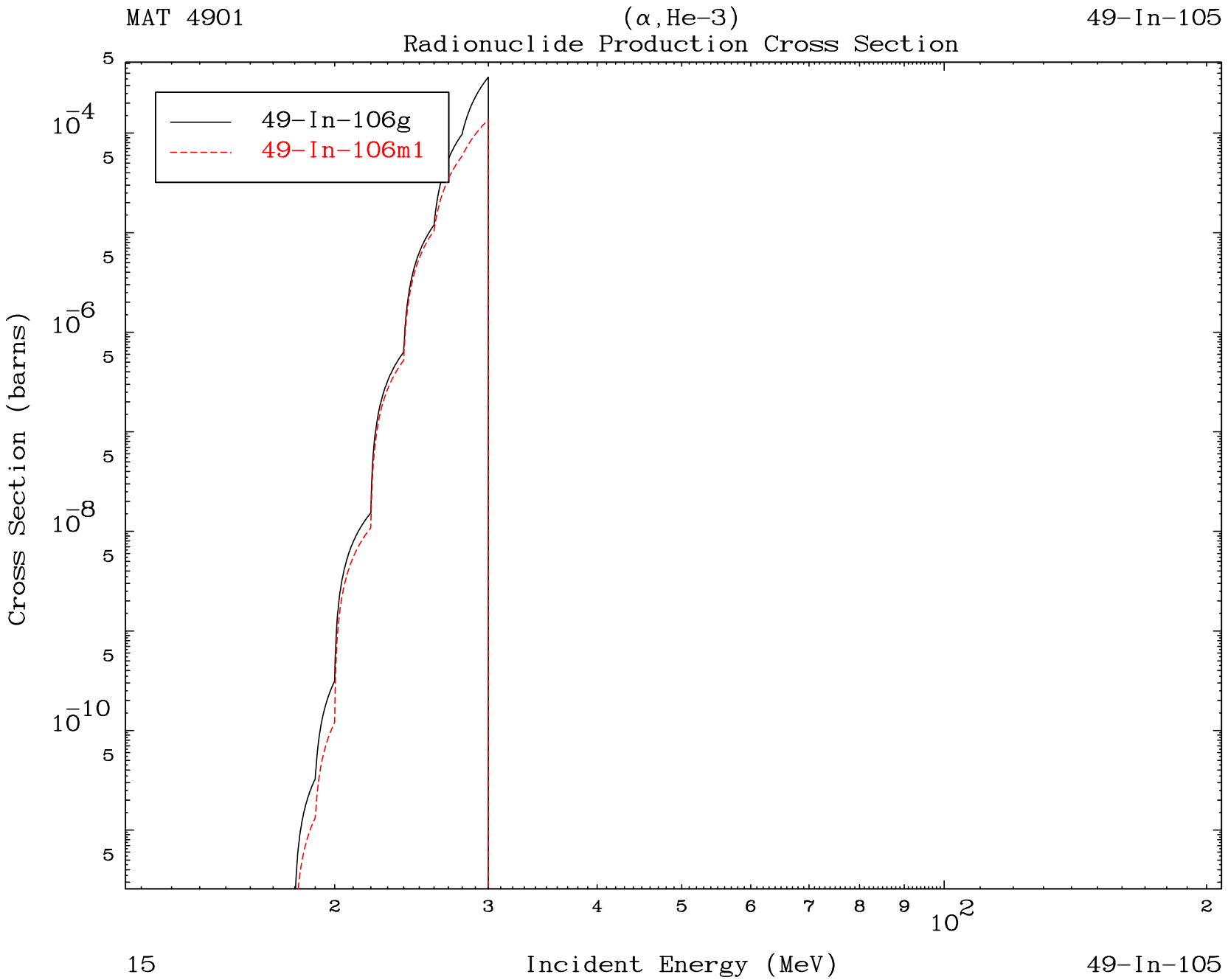

MAT 4901
(α,α) Levels
49-In-105
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^0
10^1
10^2
2
4
6
8
10
Incident Energy (MeV)
49-In-105

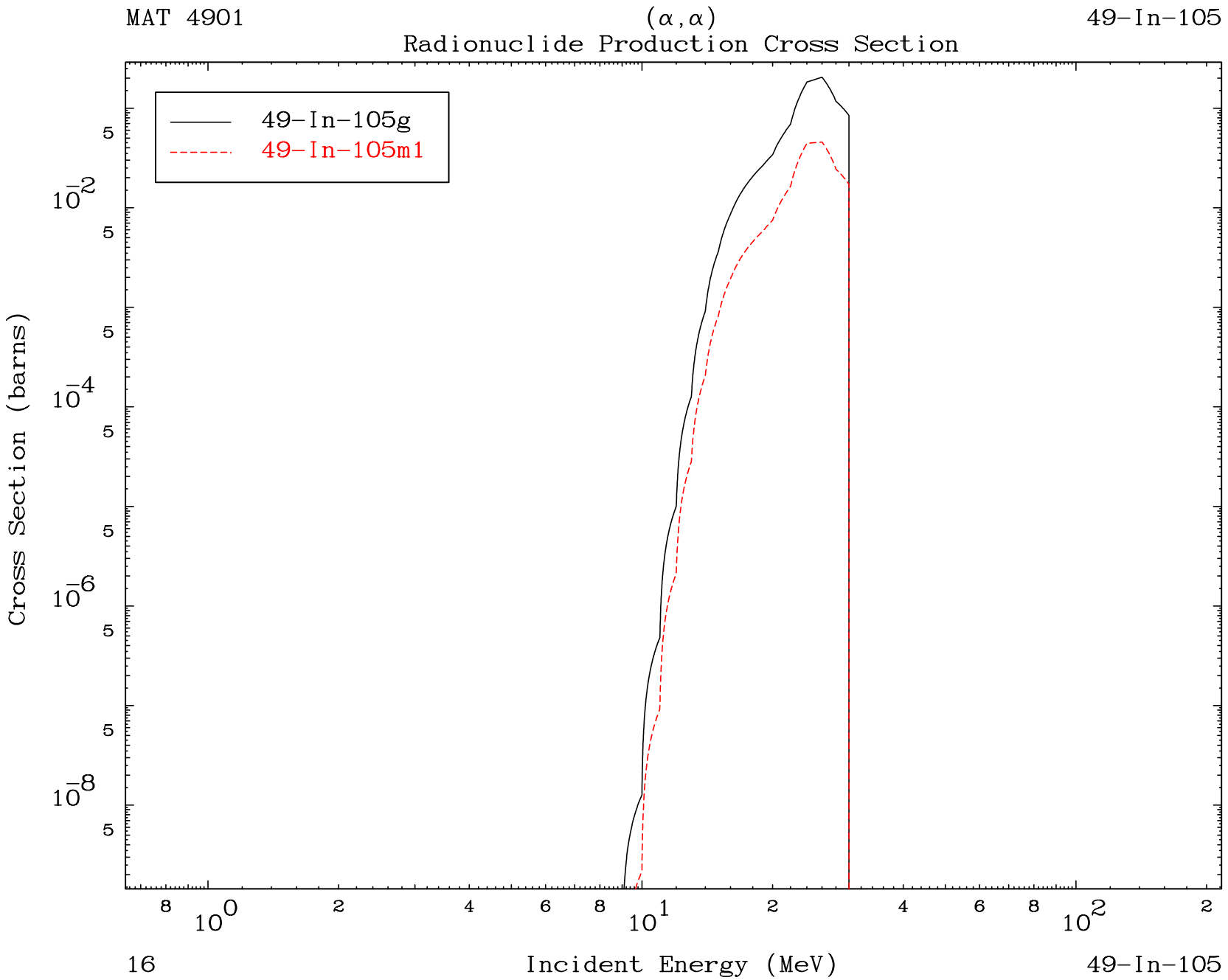

MAT 4901
(α,n') α
49-In-105
Radionuclide Production Cross Section
49-In-104g
49-In-104m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
49-In-105

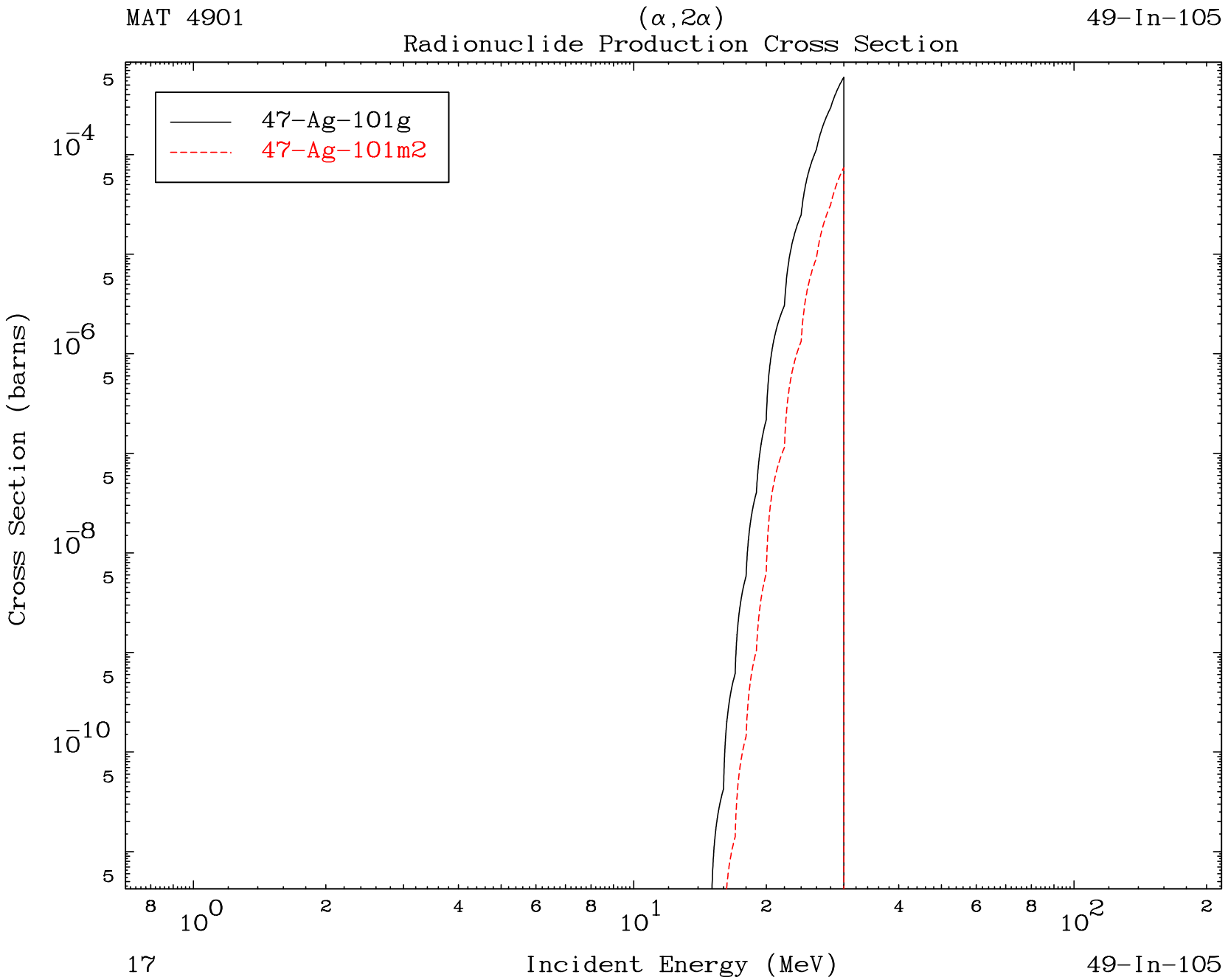

MAT 4901
(α,2n) α
49-In-105
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
Incident Energy (MeV)
12
49-In-105

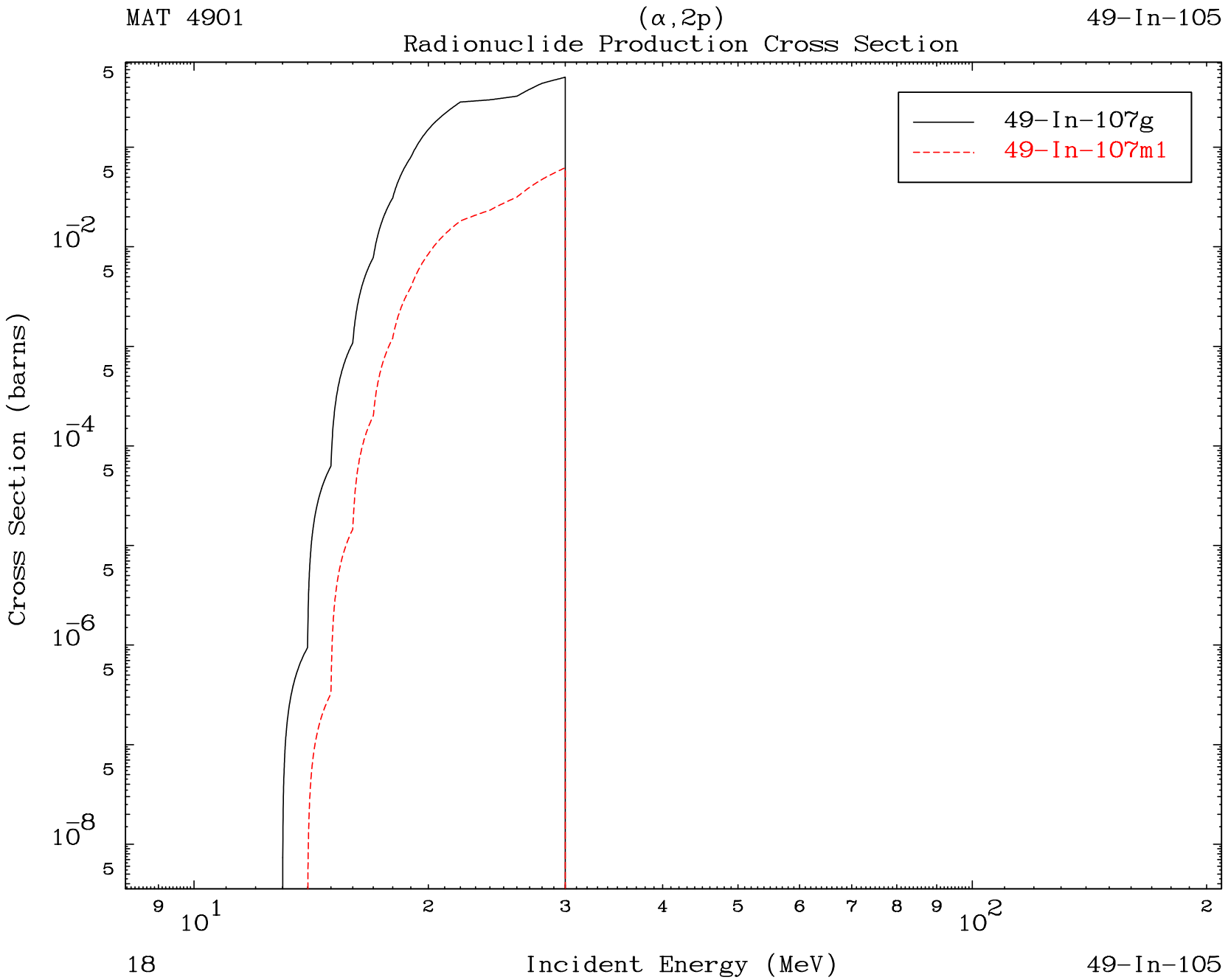

MAT 4901
(α,n') He-3
49-In-105
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
49-In-105

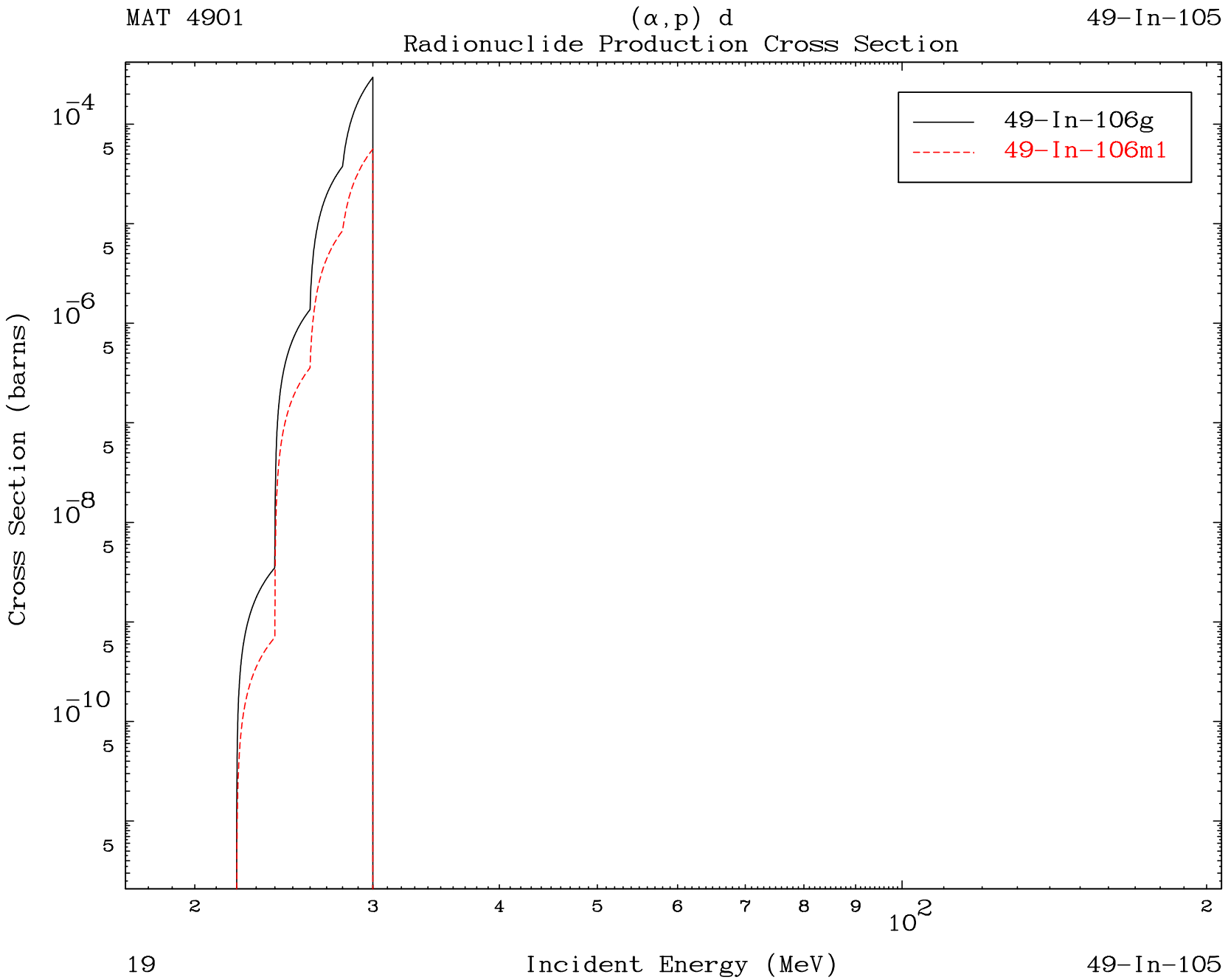

MAT 4901
(α,2n) p
49-In-105
Radionuclide Production Cross Section
49-In-106g
49-In-106m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
49-In-105

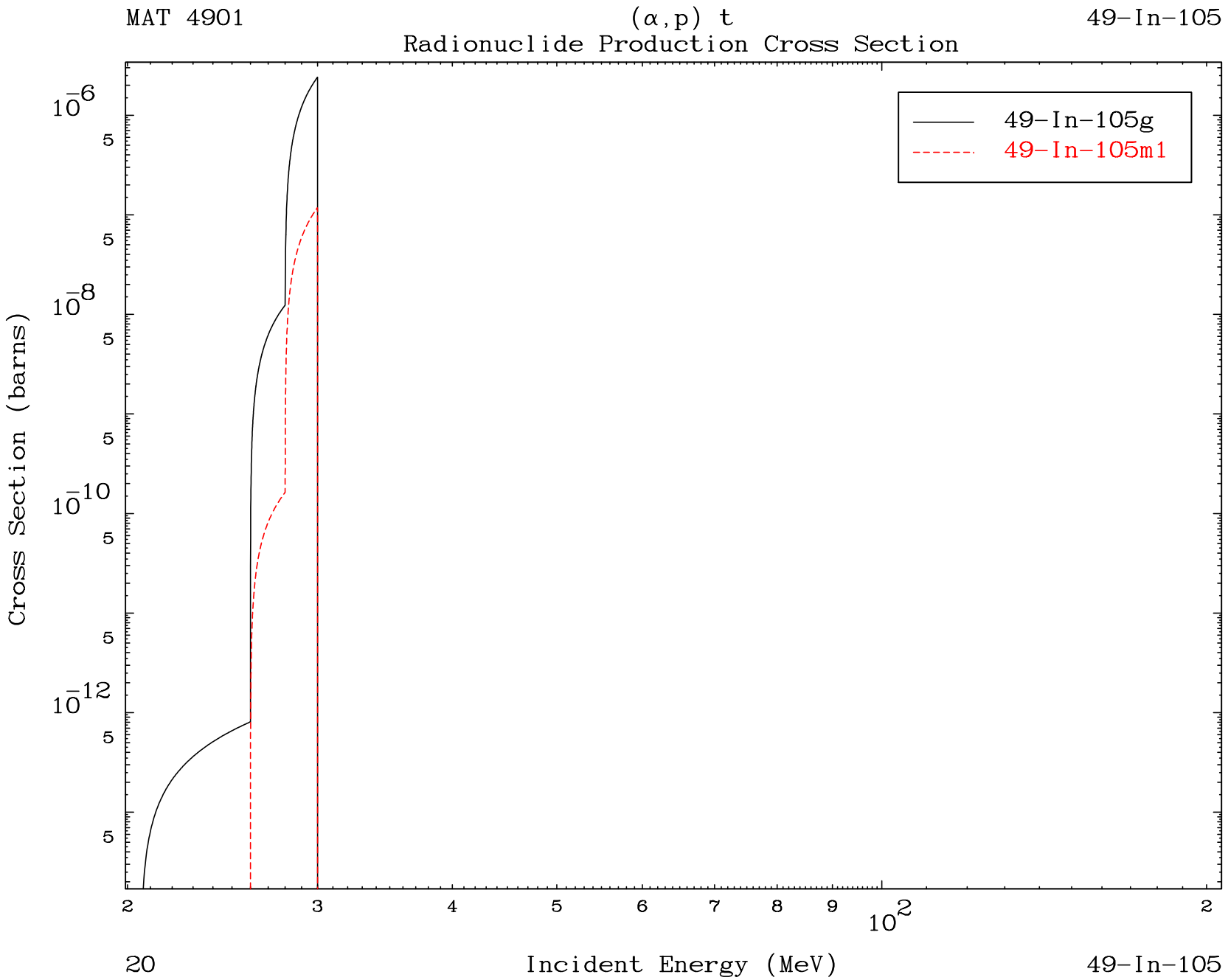

MAT 4901
(α,He-3)
49-In-105
Radionuclide Production Cross Section
49-In-106g
49-In-106m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
49-In-105


MAT 4901
(α,α)
49-In-105
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
Incident Energy (MeV)
16
49-In-105


MAT 4901
(α,2α)
49-In-105
Radionuclide Production Cross Section
47-Ag-101g
47-Ag-101m2
Cross Section (barns)
Incident Energy (MeV)
17
49-In-105


MAT 4901
(α,2p)
49-In-105
Radionuclide Production Cross Section
49-In-107g
49-In-107m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-105


MAT 4901
(α,p) d
49-In-105
Radionuclide Production Cross Section
49-In-106g
49-In-106m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
49-In-105


MAT 4901
(α,p) t
49-In-105
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
49-In-105