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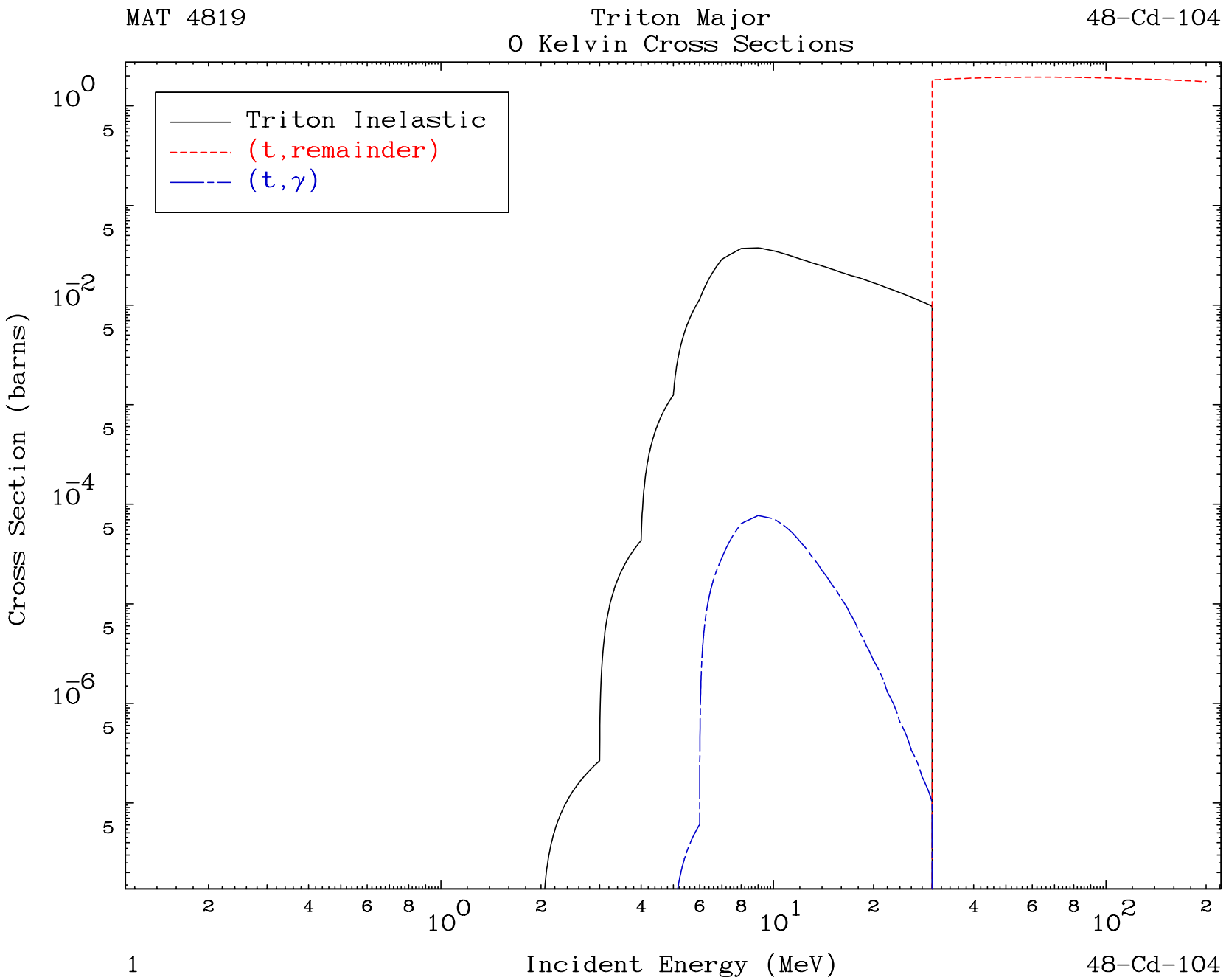
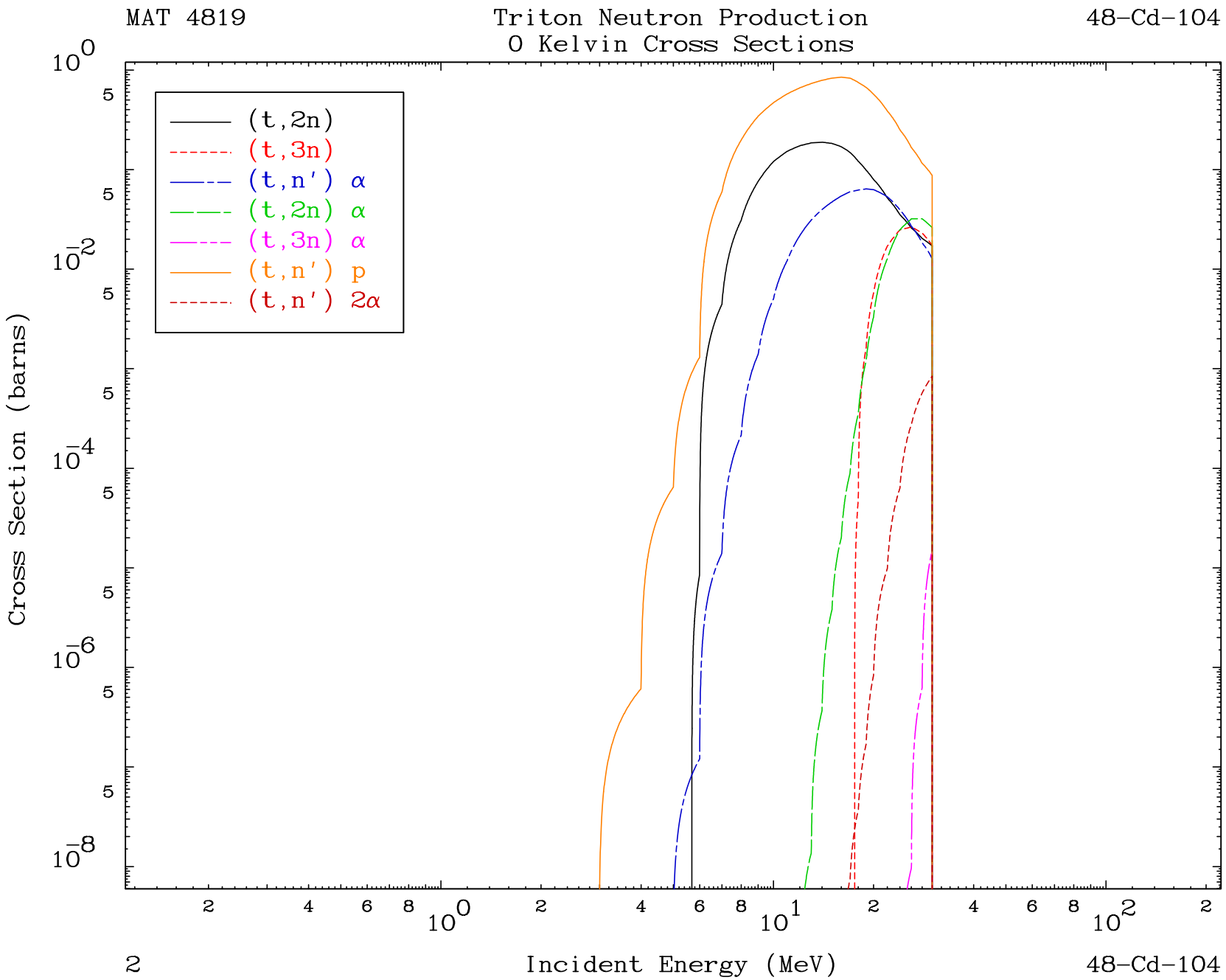
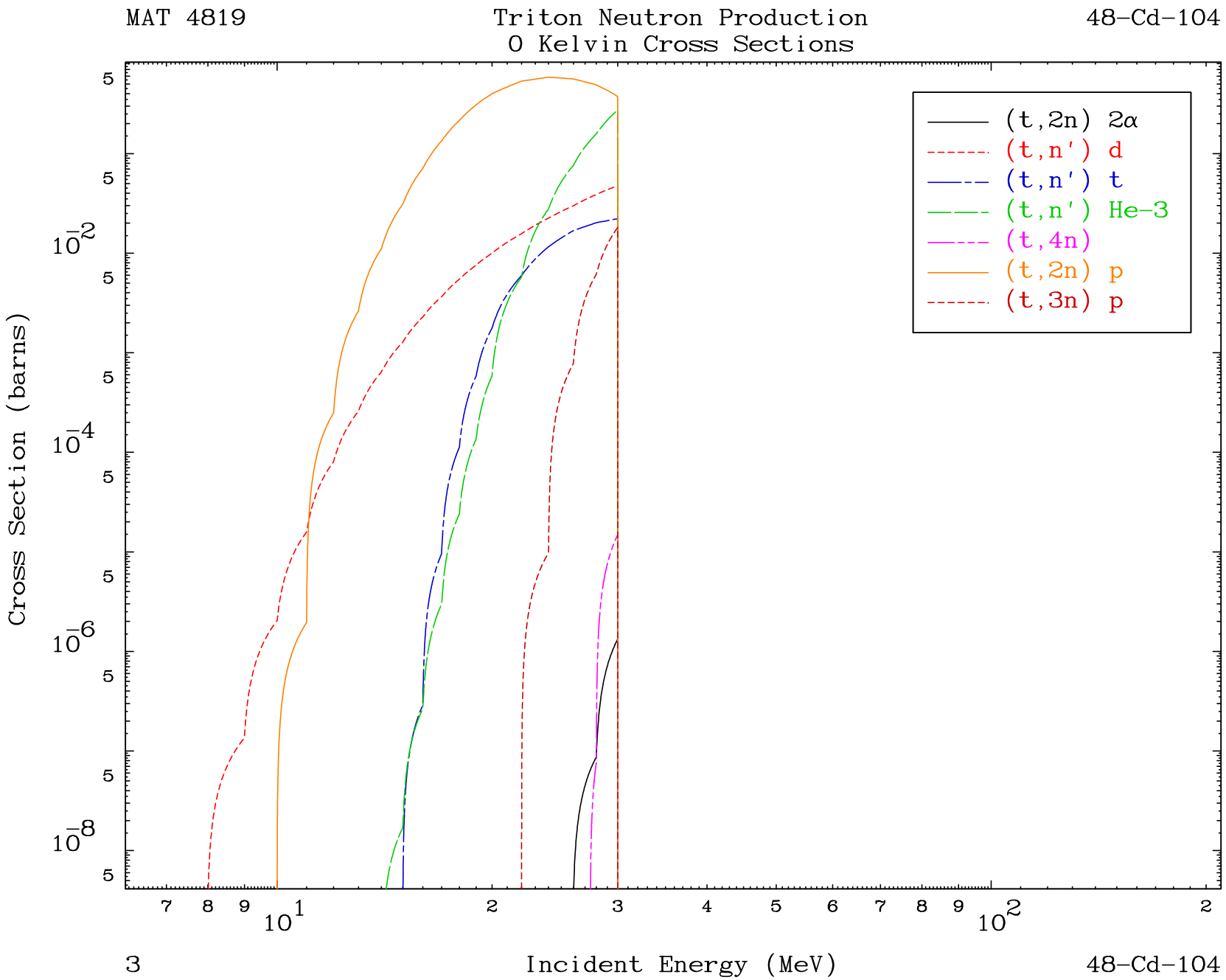
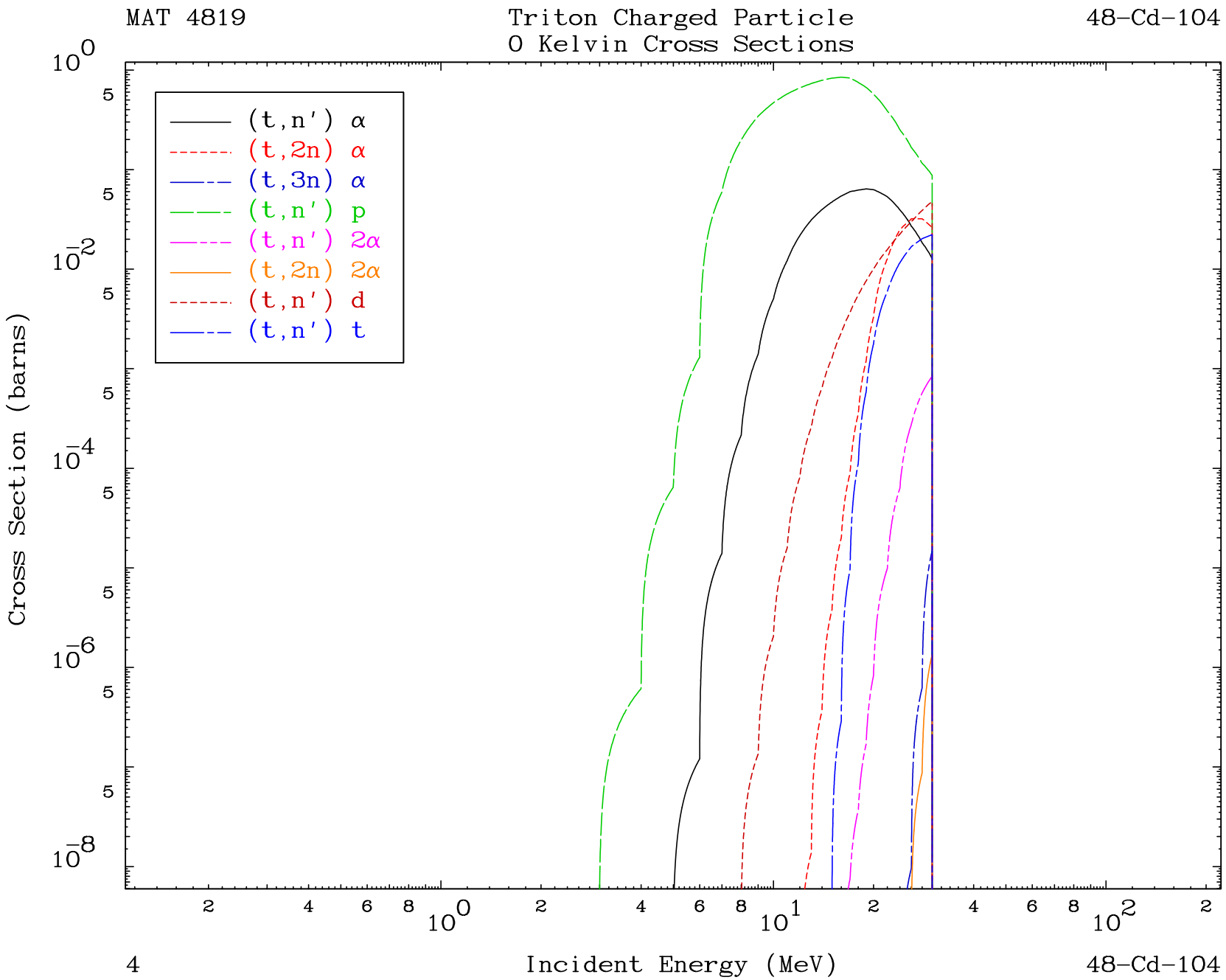
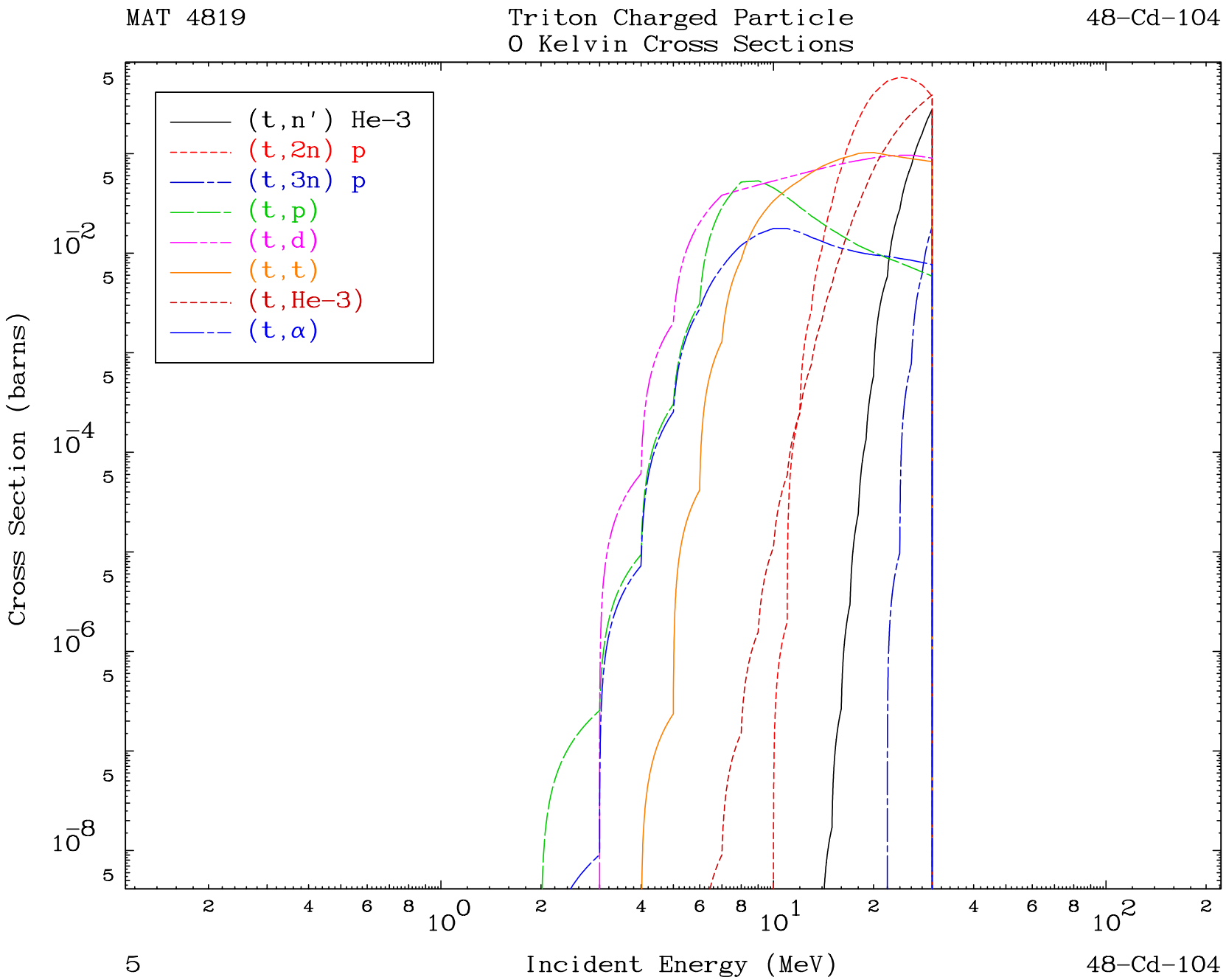
Press Mouse Button to Start

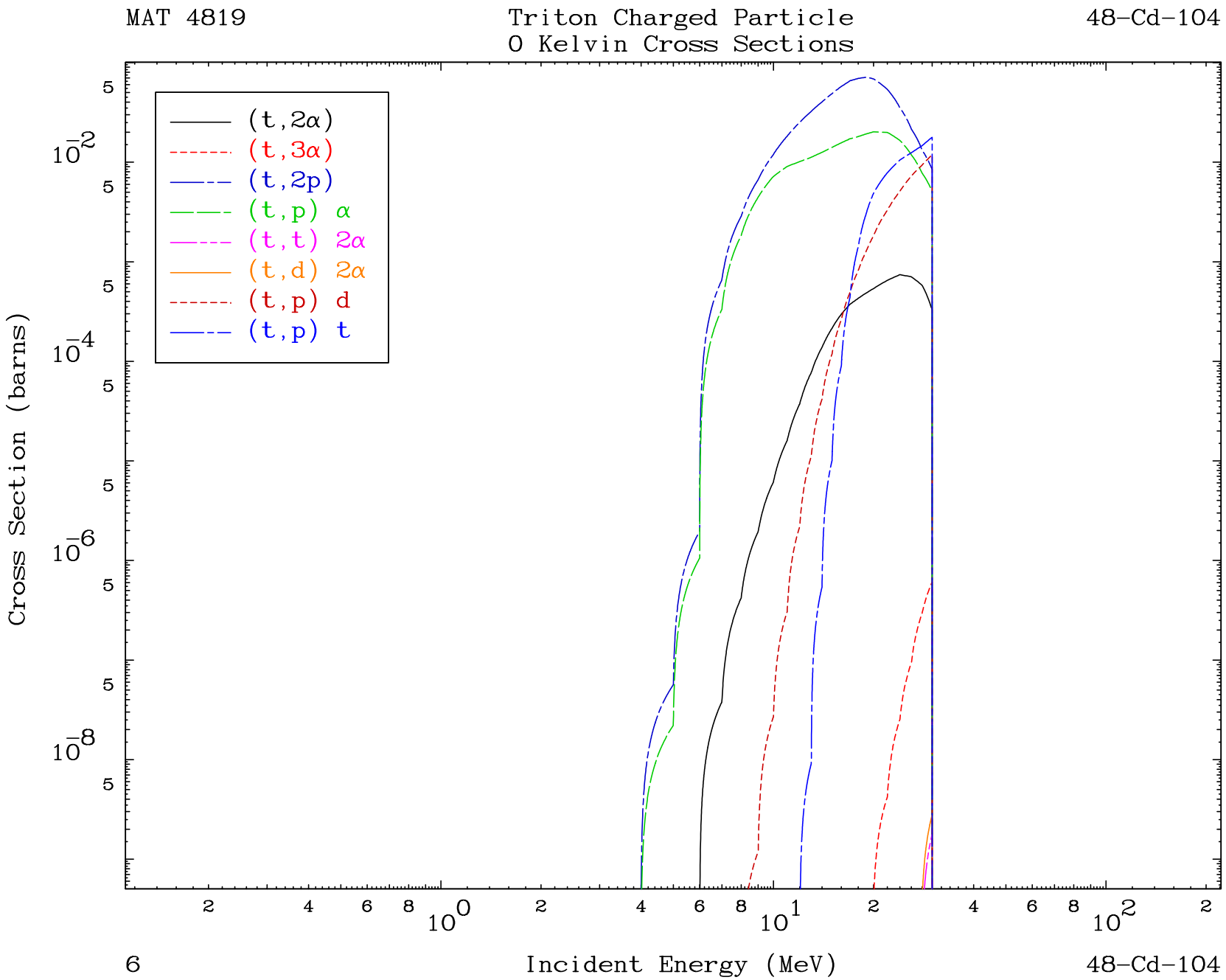

MAT 4819
Triton Major
48-Cd-104
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-104
1

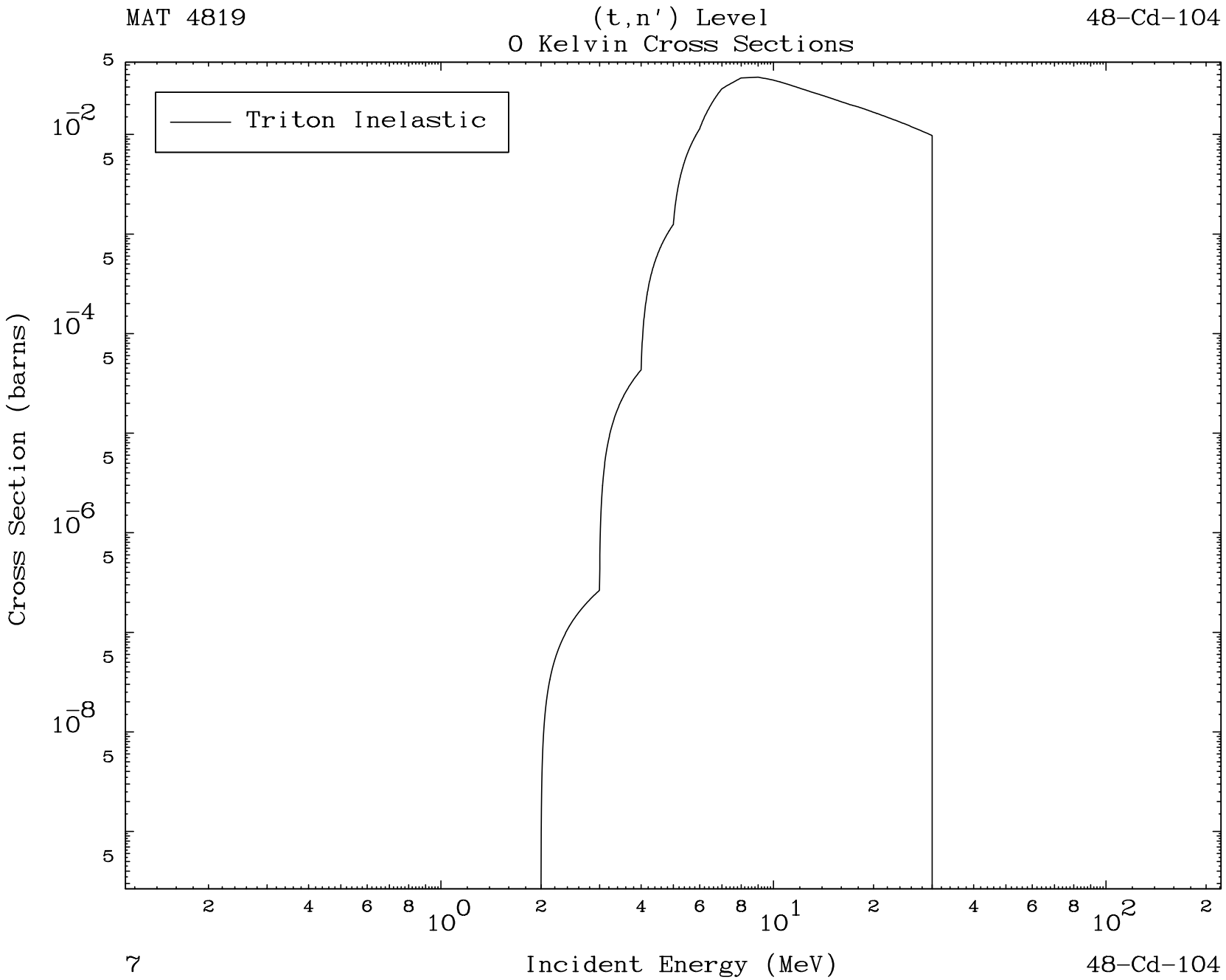

MAT 4819
Triton Neutron Production
0 Kelvin Cross Sections
48-Cd-104
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
48-Cd-104
2

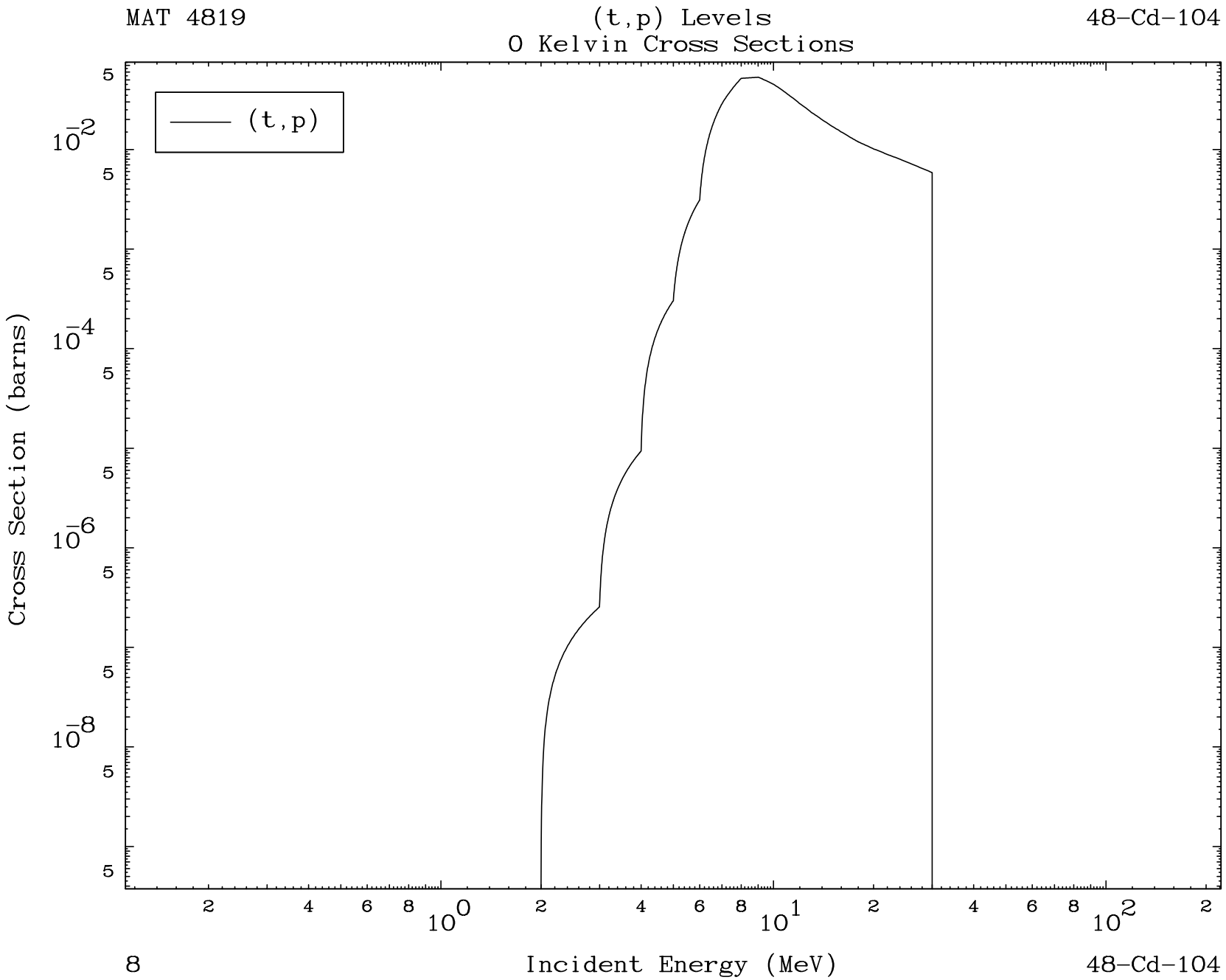

MAT 4819
Triton Neutron Production
0 Kelvin Cross Sections
48-Cd-104
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
48-Cd-104

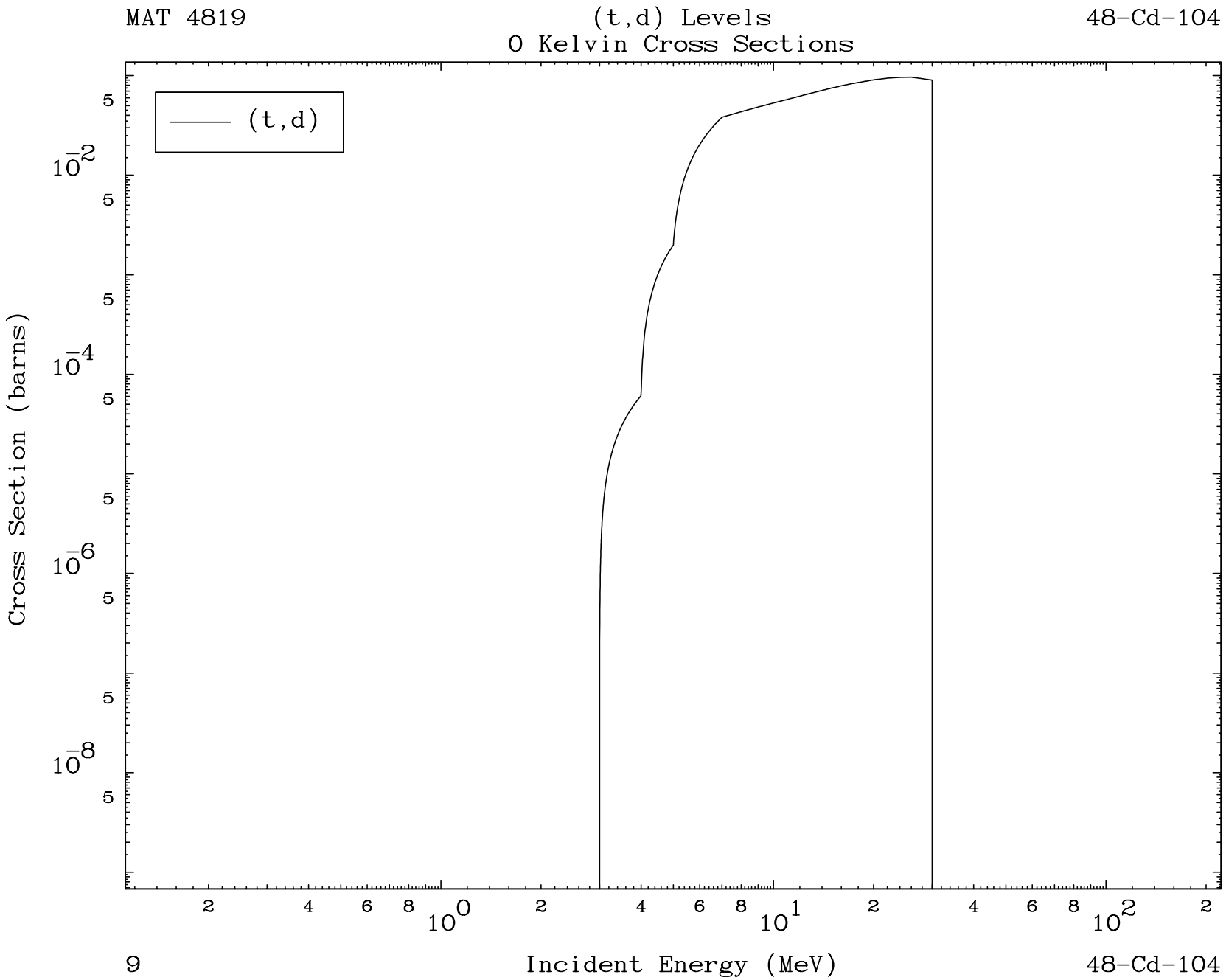

MAT 4819
Triton Charged Particle
0 Kelvin Cross Sections
48-Cd-104
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
4
48-Cd-104

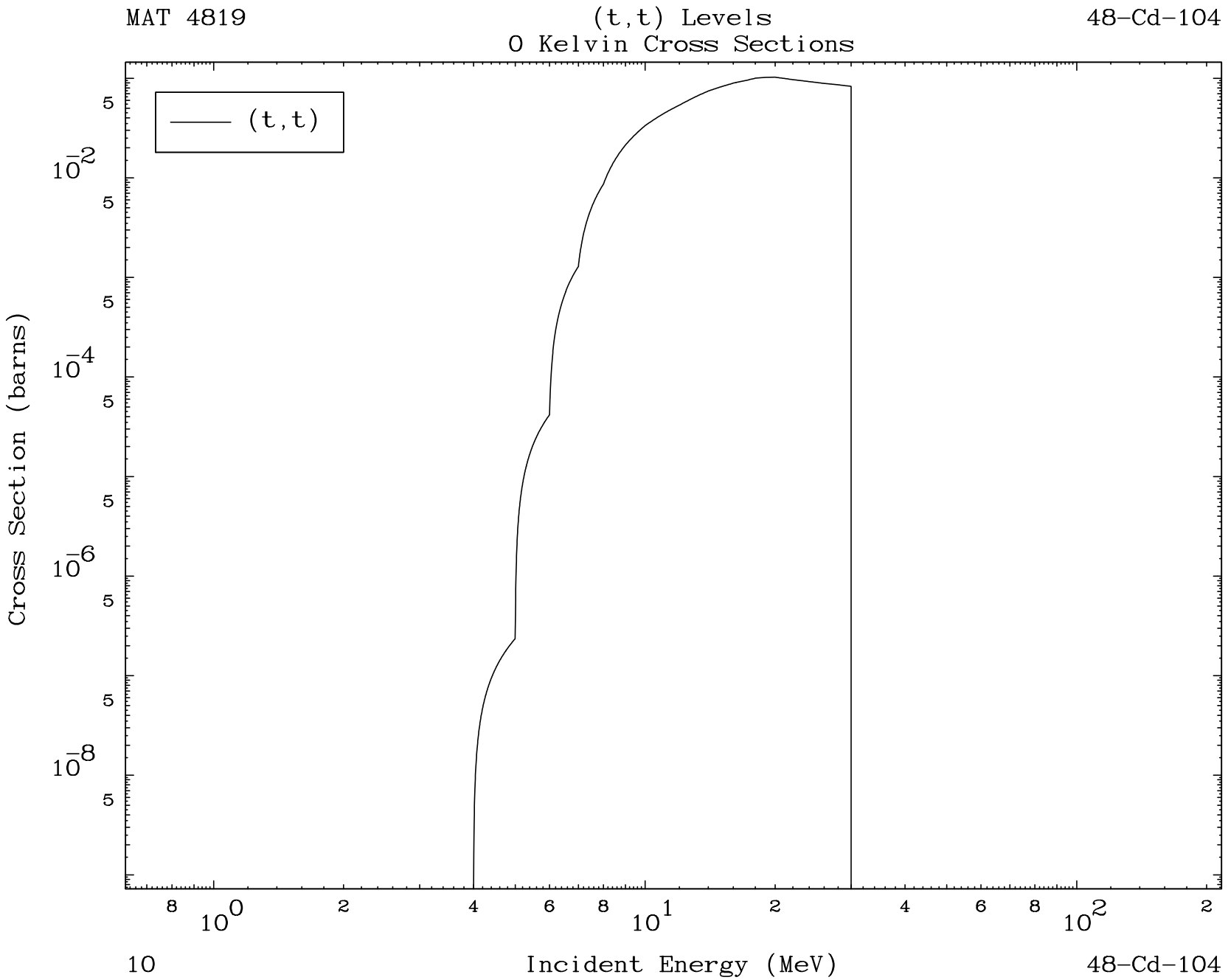

MAT 4819
Triton Charged Particle
0 Kelvin Cross Sections
48-Cd-104
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-104
5

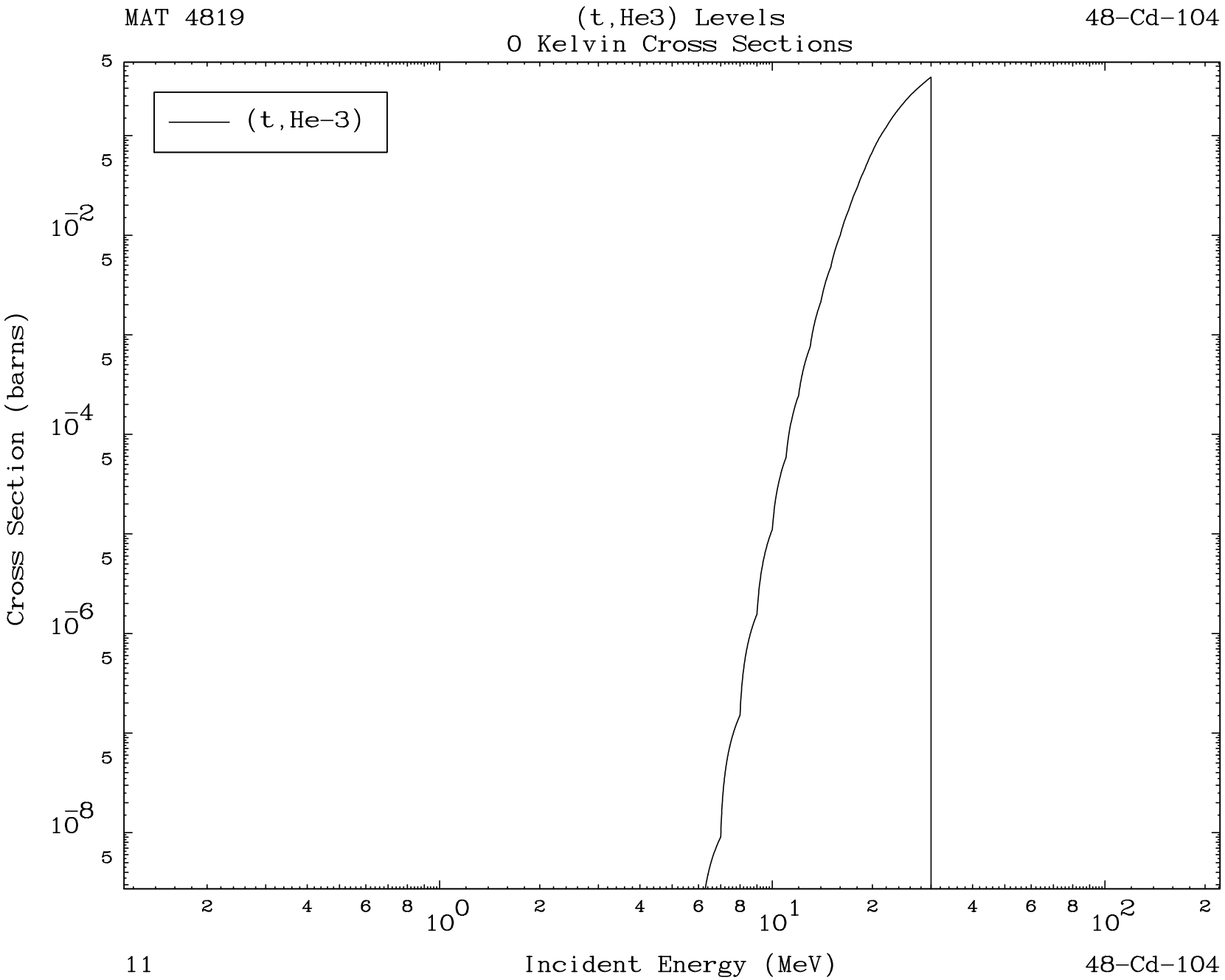

MAT 4819
Triton Charged Particle
0 Kelvin Cross Sections
48-Cd-104
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,t) 2α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
6
48-Cd-104

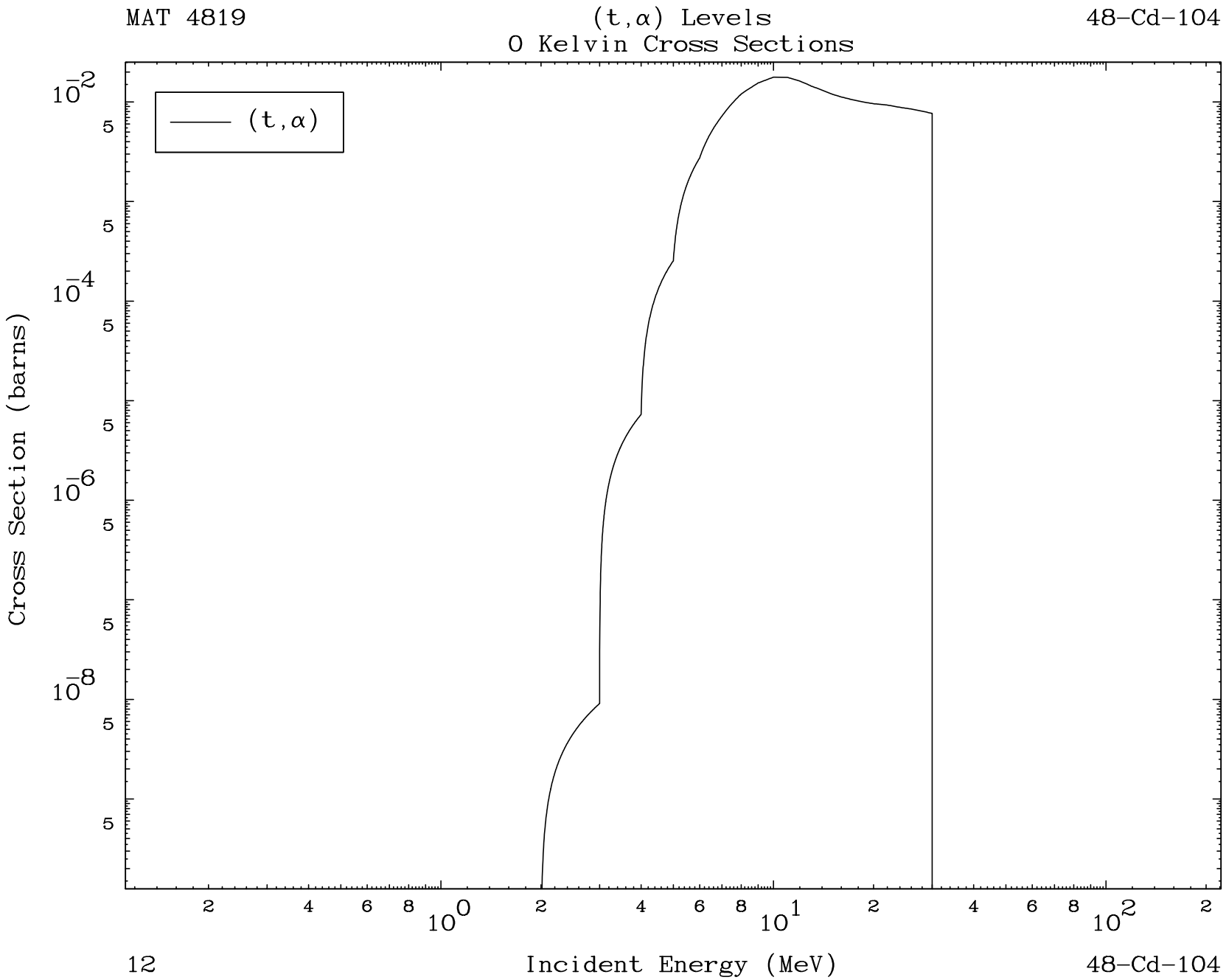

MAT 4819
(t,n') Level
48-Cd-104
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
48-Cd-104

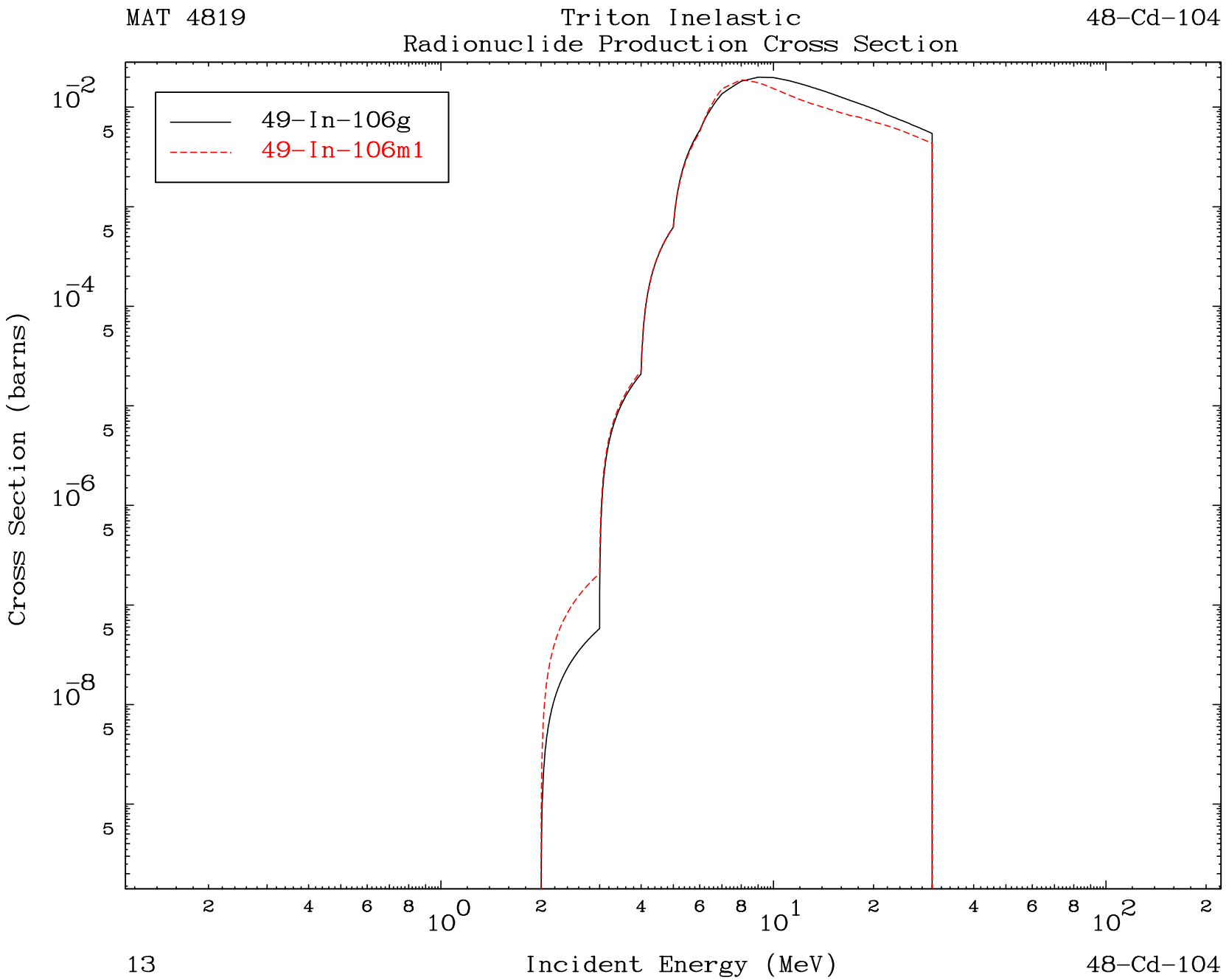

MAT 4819
(t,p) Levels
48-Cd-104
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
8
48-Cd-104

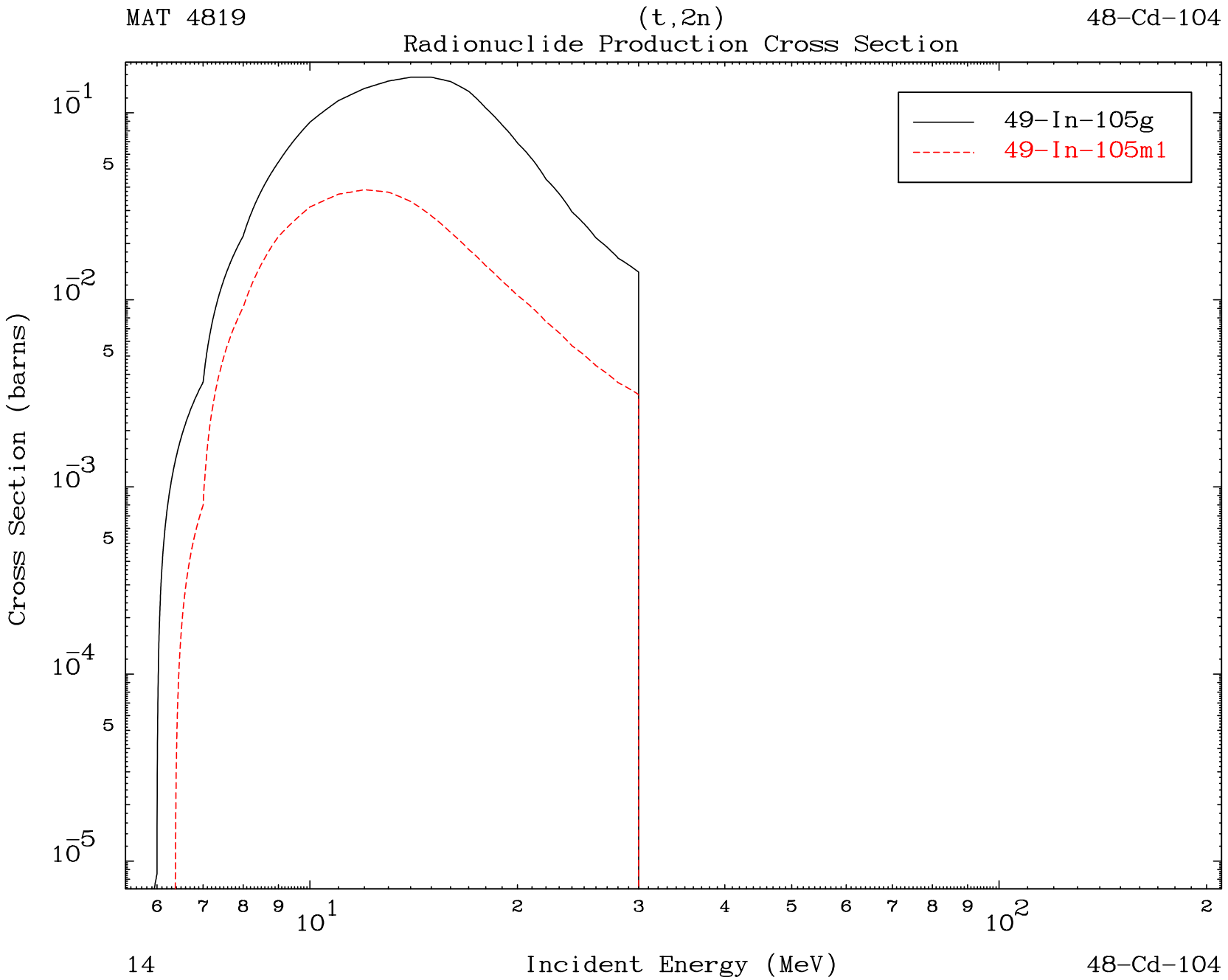

MAT 4819
(t,d) Levels
48-Cd-104
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
48-Cd-104

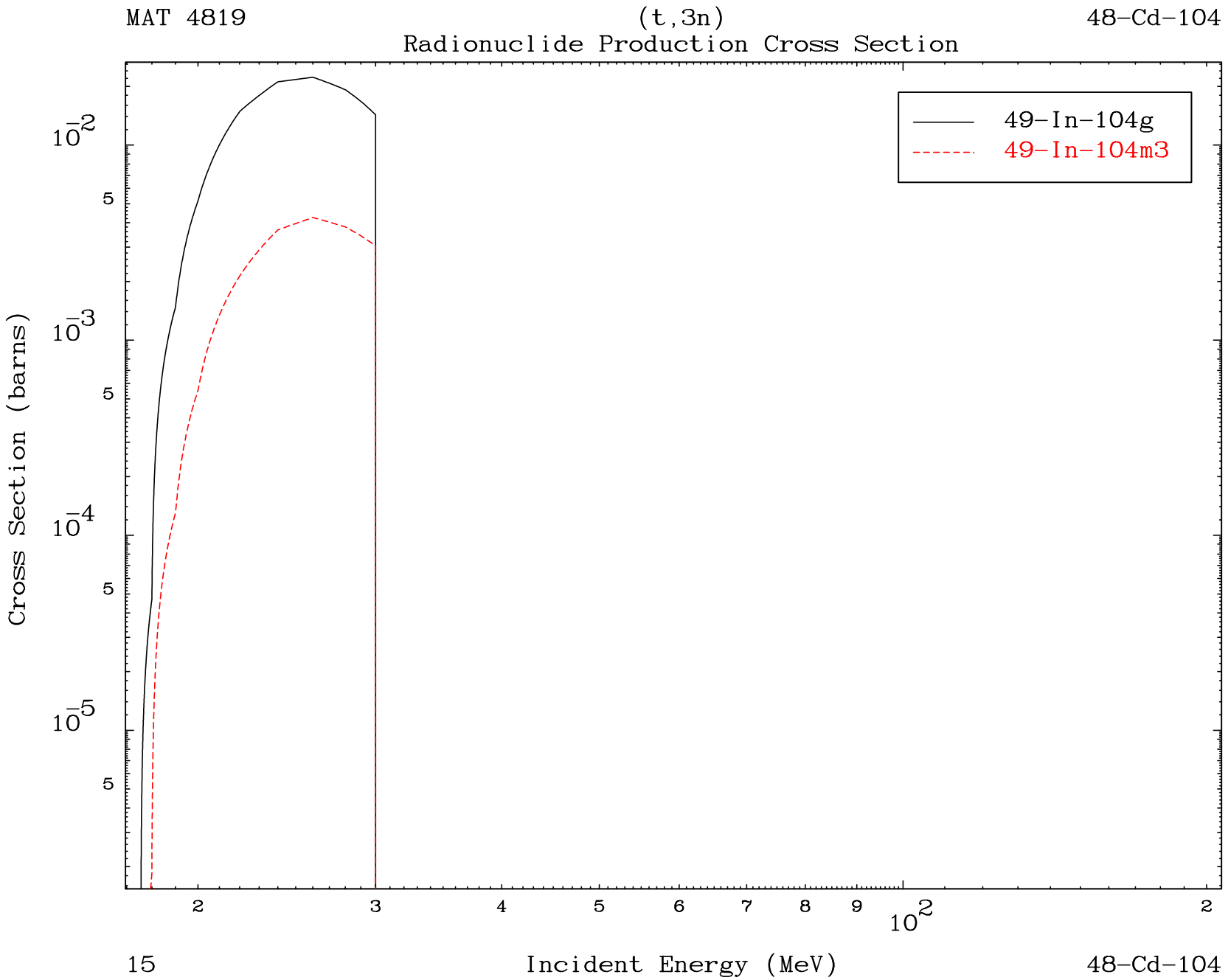

MAT 4819
(t,t) Levels
48-Cd-104
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-104

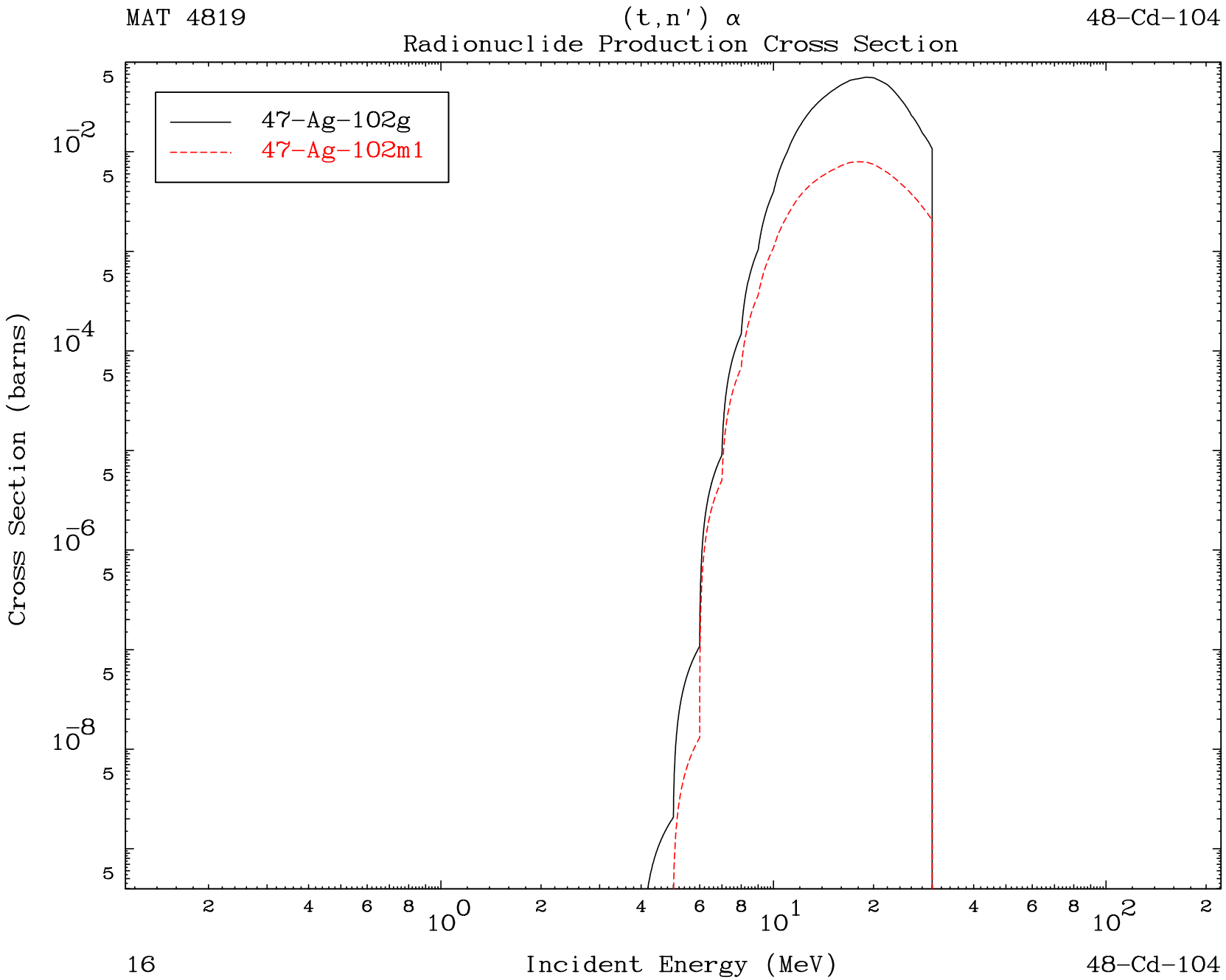

MAT 4819
(t,He3) Levels
48-Cd-104
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
48-Cd-104

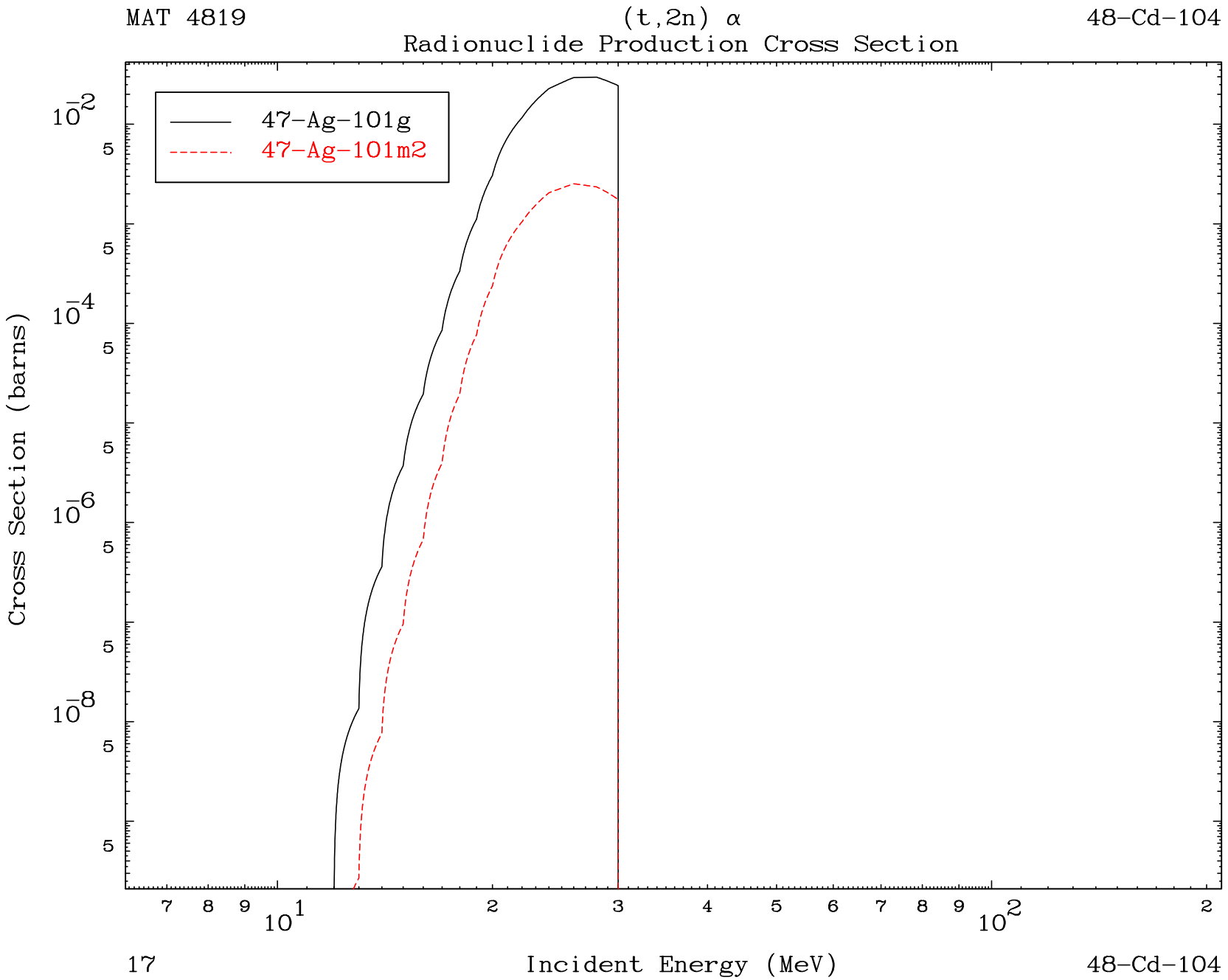

MAT 4819
(t,α) Levels
48-Cd-104
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
12
48-Cd-104

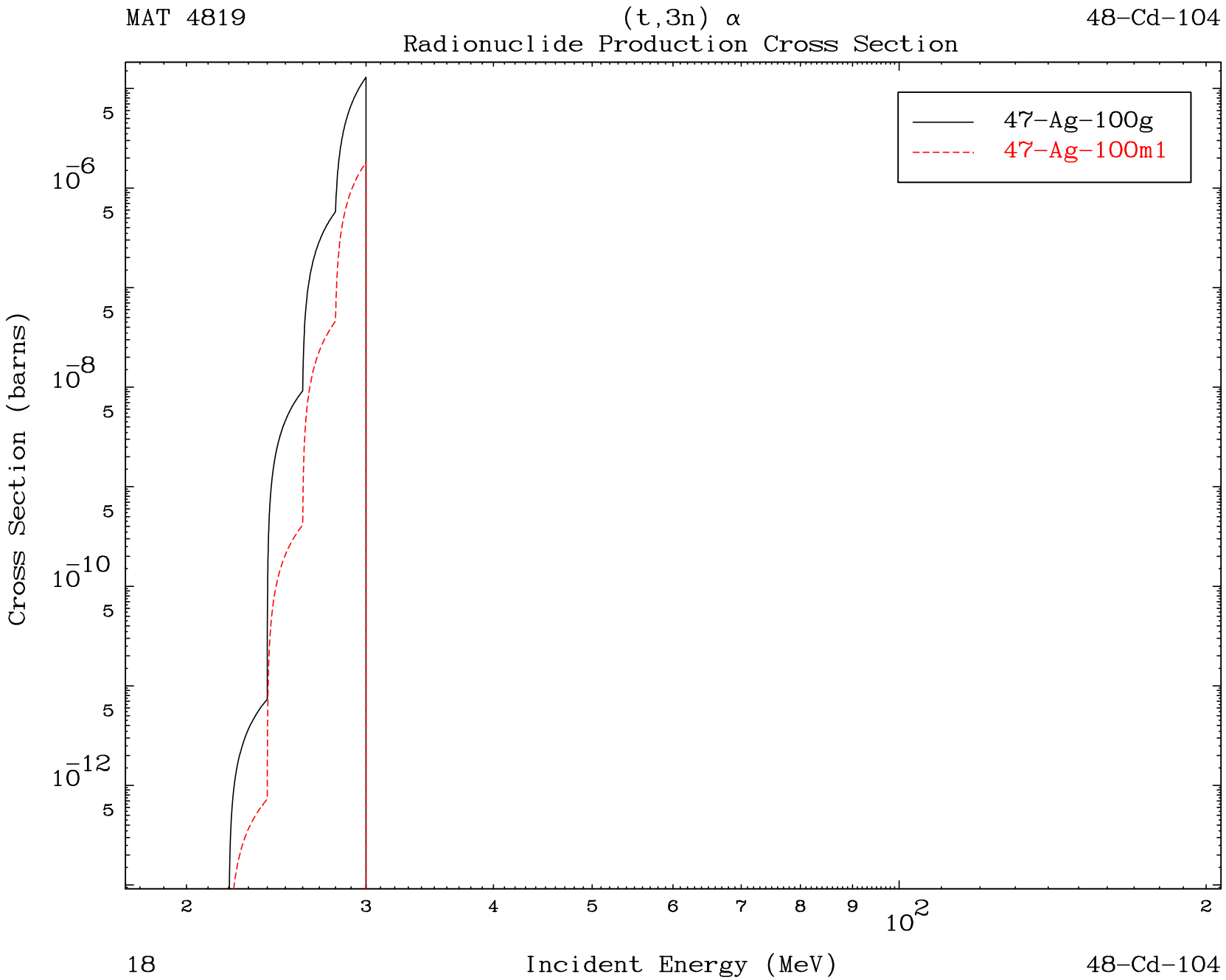

MAT 4819
Triton Inelastic
48-Cd-104
Radionuclide Production Cross Section
49-In-106g
49-In-106m1
Cross Section (barns)
Incident Energy (MeV)
13
48-Cd-104

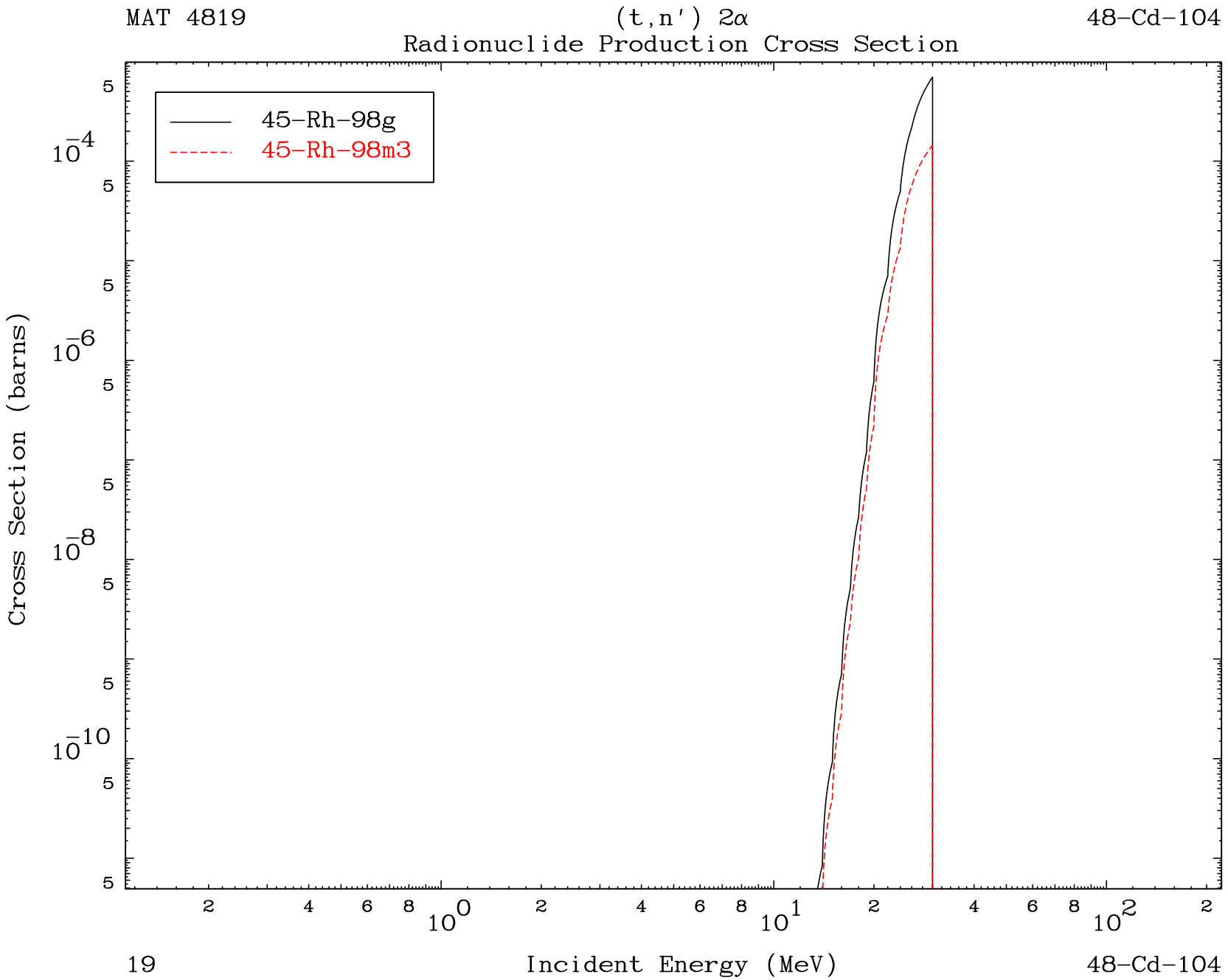

MAT 4819
(t,2n)
48-Cd-104
Radionuclide Production Cross Section
49-In-105g
49-In-105m1
Cross Section (barns)
Incident Energy (MeV)
14
48-Cd-104

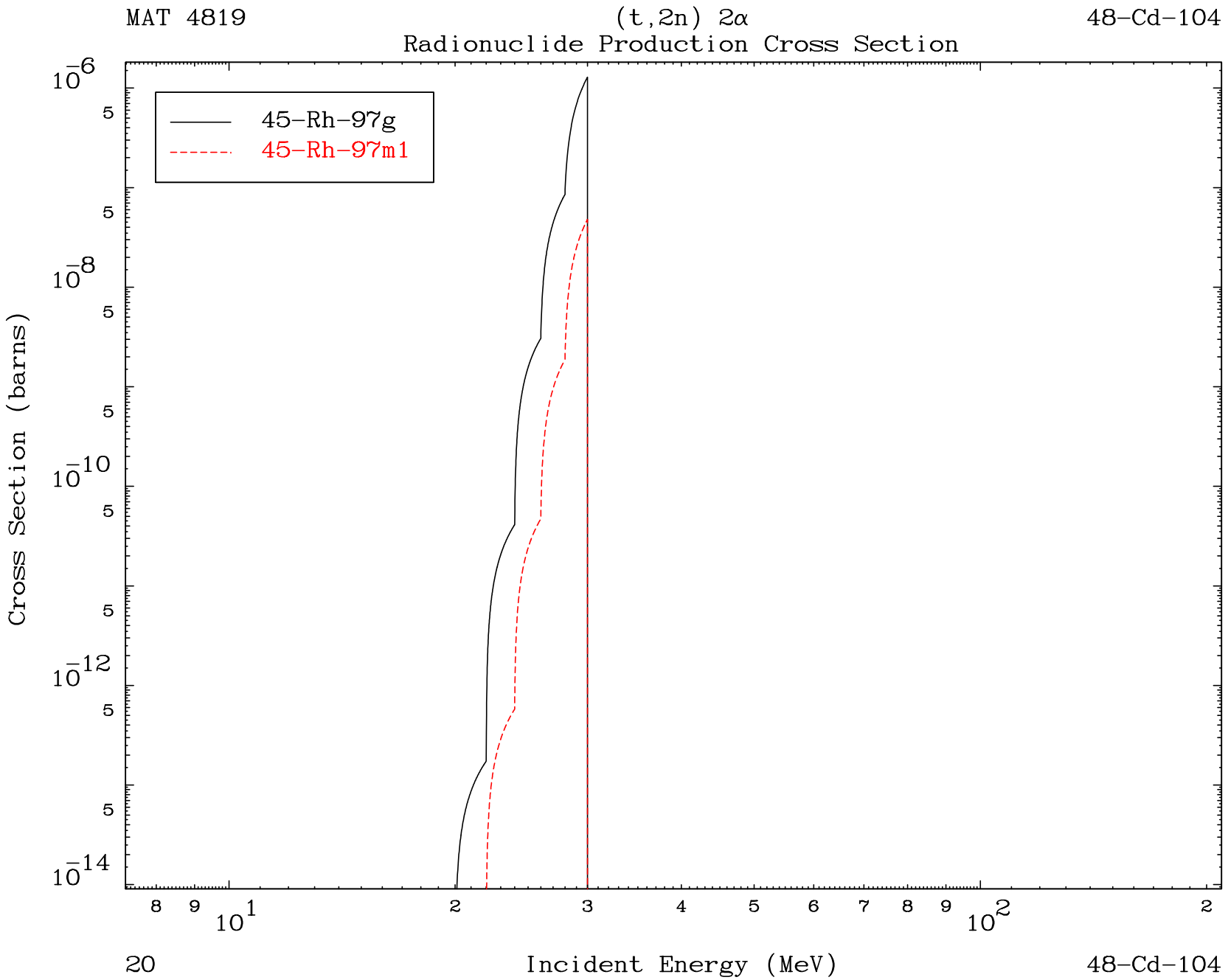

MAT 4819
(t,3n)
48-Cd-104
Radionuclide Production Cross Section
49-In-104g
49-In-104m3
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
48-Cd-104

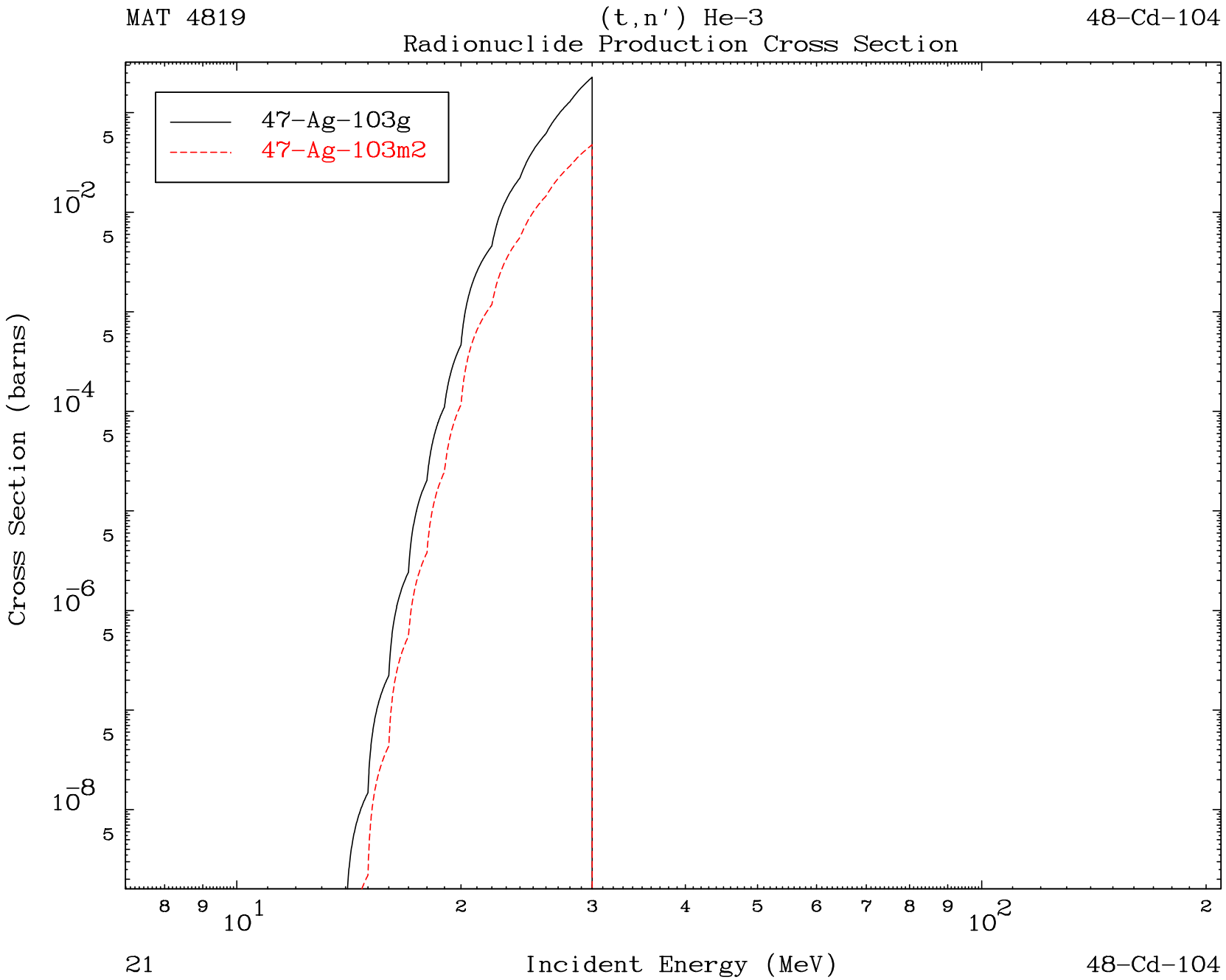

MAT 4819
(t,n') α
48-Cd-104
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
Incident Energy (MeV)
16
48-Cd-104

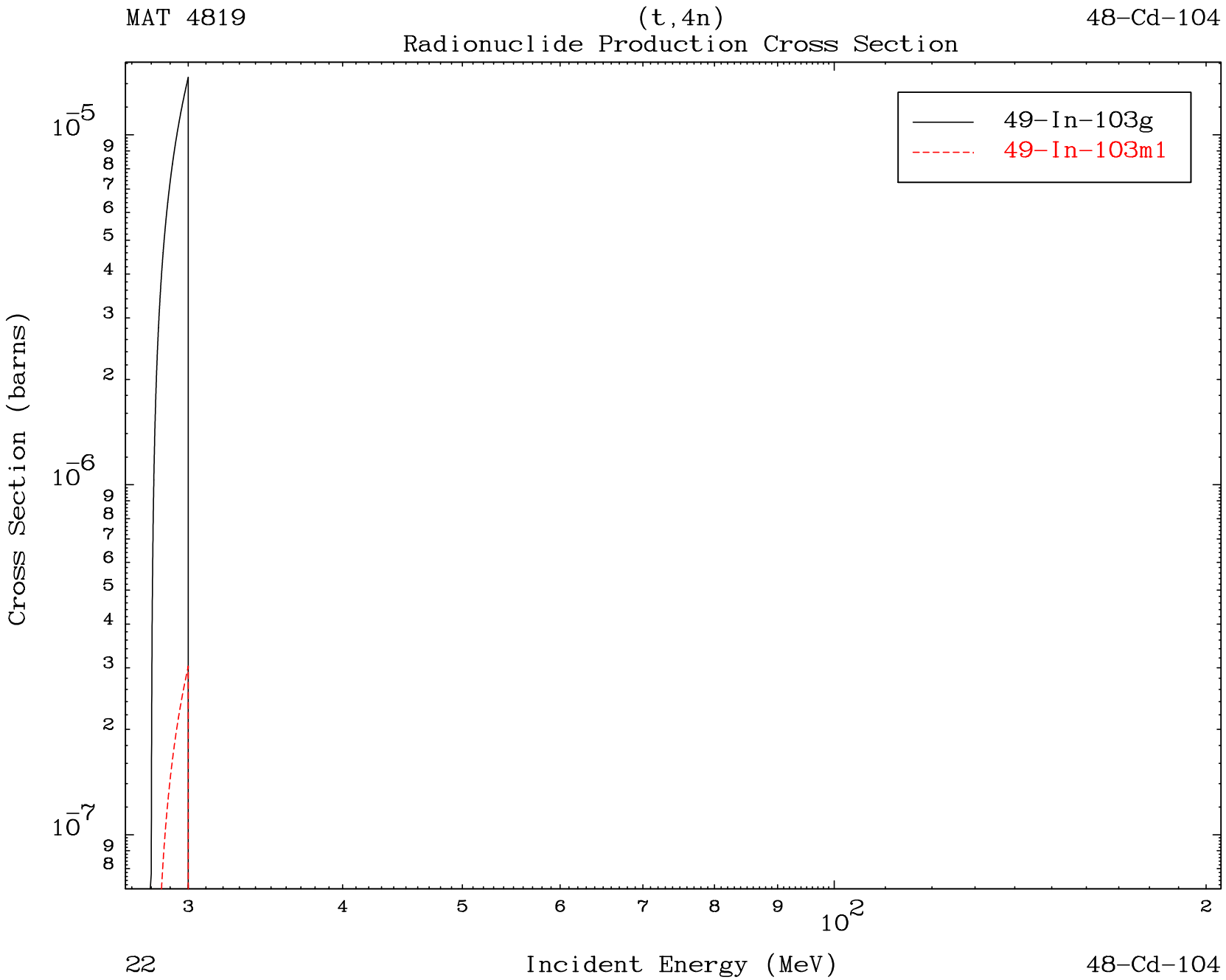

MAT 4819
(t,2n) α
48-Cd-104
Radionuclide Production Cross Section
47-Ag-101g
47-Ag-101m2
Cross Section (barns)
Incident Energy (MeV)
17
48-Cd-104

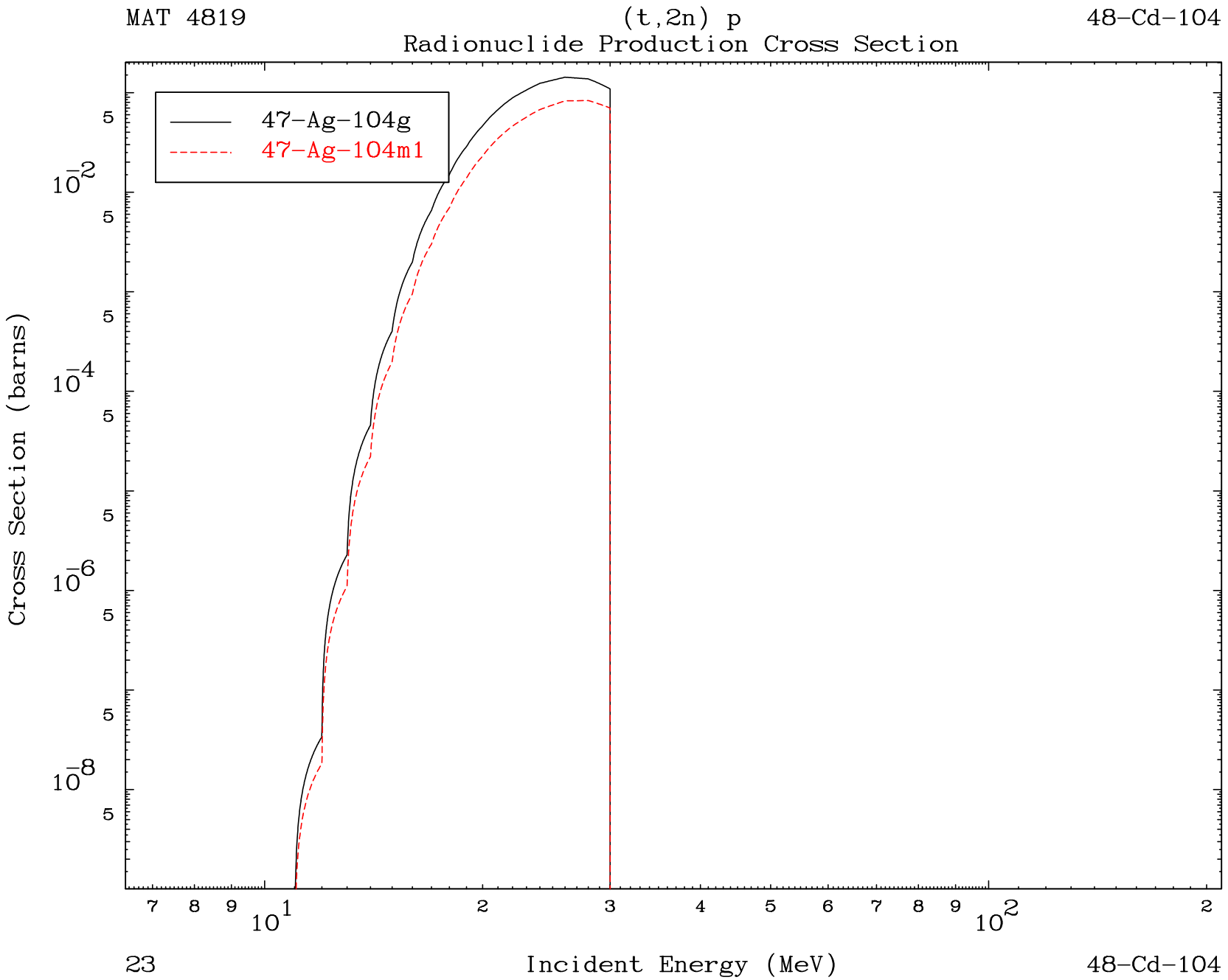

MAT 4819
(t,3n) α
48-Cd-104
Radionuclide Production Cross Section
47-Ag-100g
47-Ag-100m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
48-Cd-104

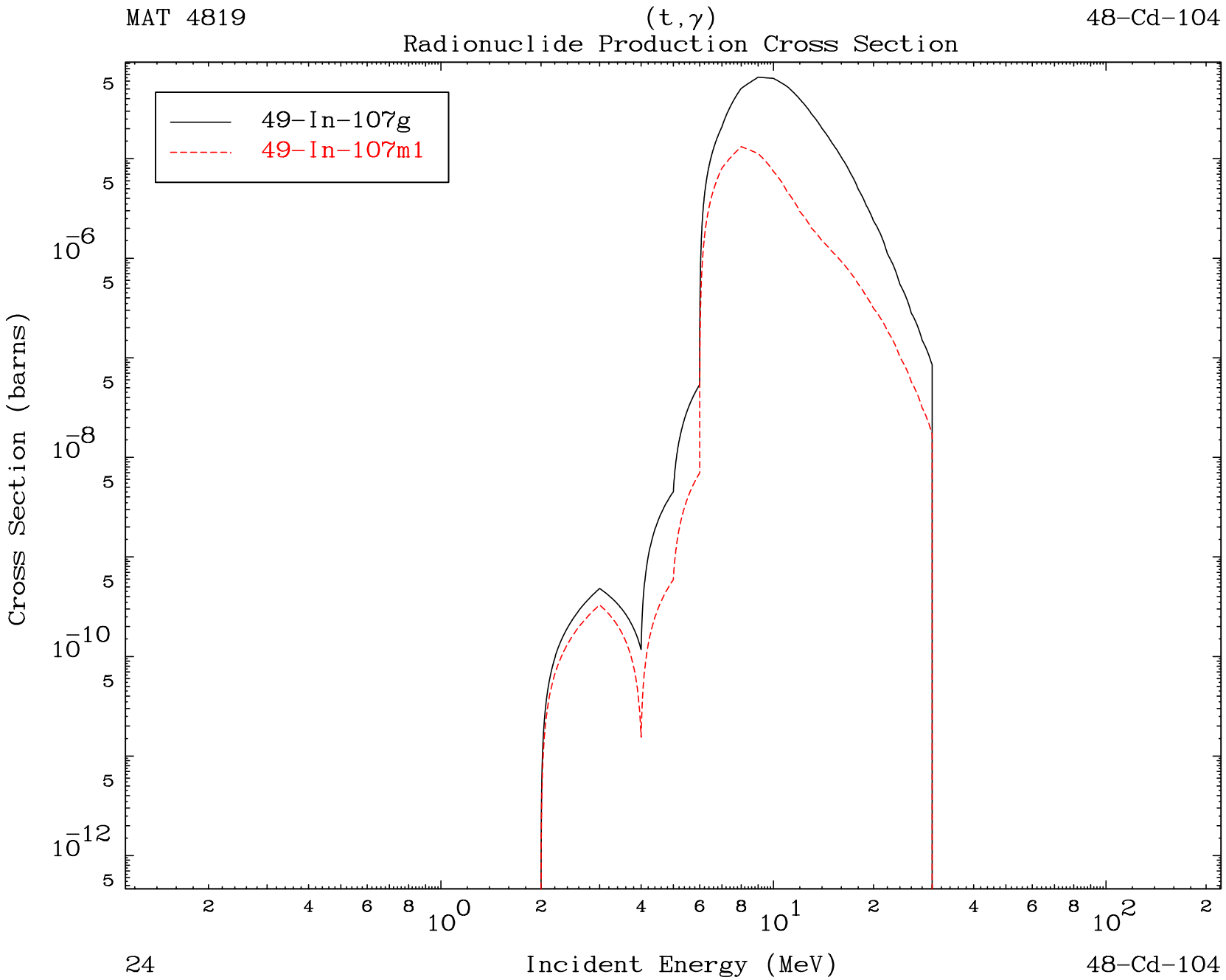

MAT 4819
(t,n') 2α
48-Cd-104
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
19
48-Cd-104

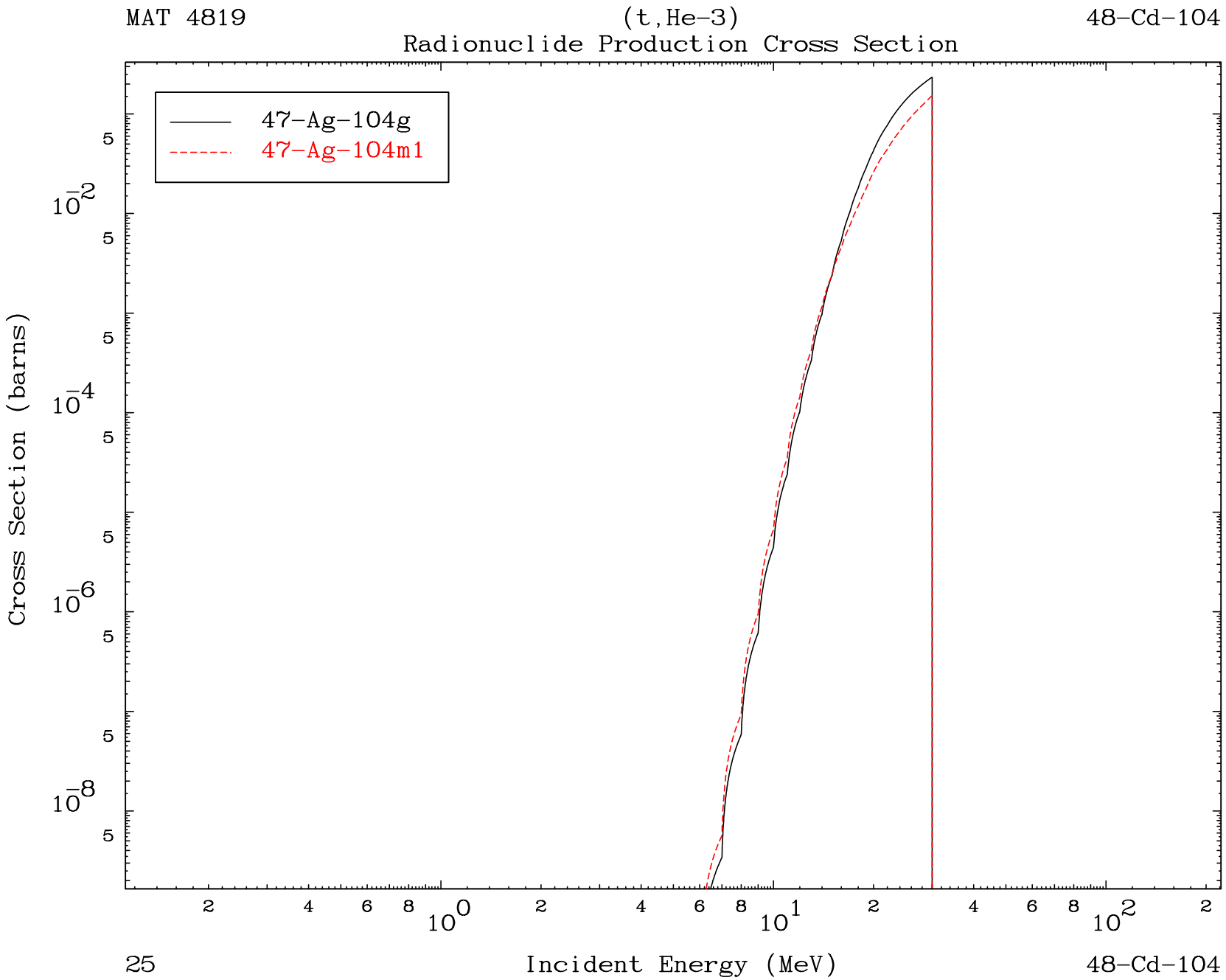

MAT 4819
(t,2n) 2α
48-Cd-104
Radionuclide Production Cross Section
45-Rh-97g
45-Rh-97m1
Cross Section (barns)
Incident Energy (MeV)
20
48-Cd-104

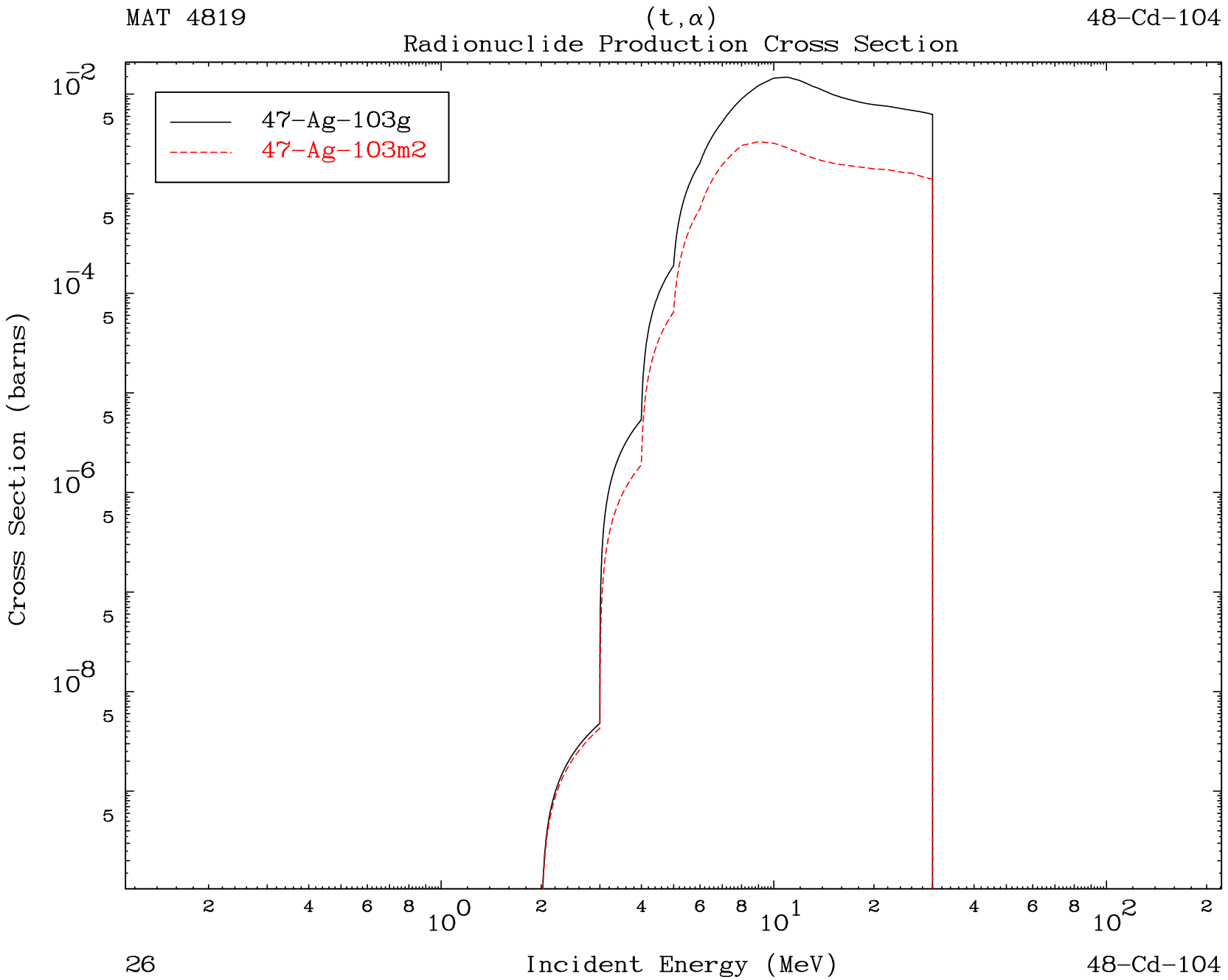

MAT 4819
(t,n') He-3
48-Cd-104
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
21
48-Cd-104

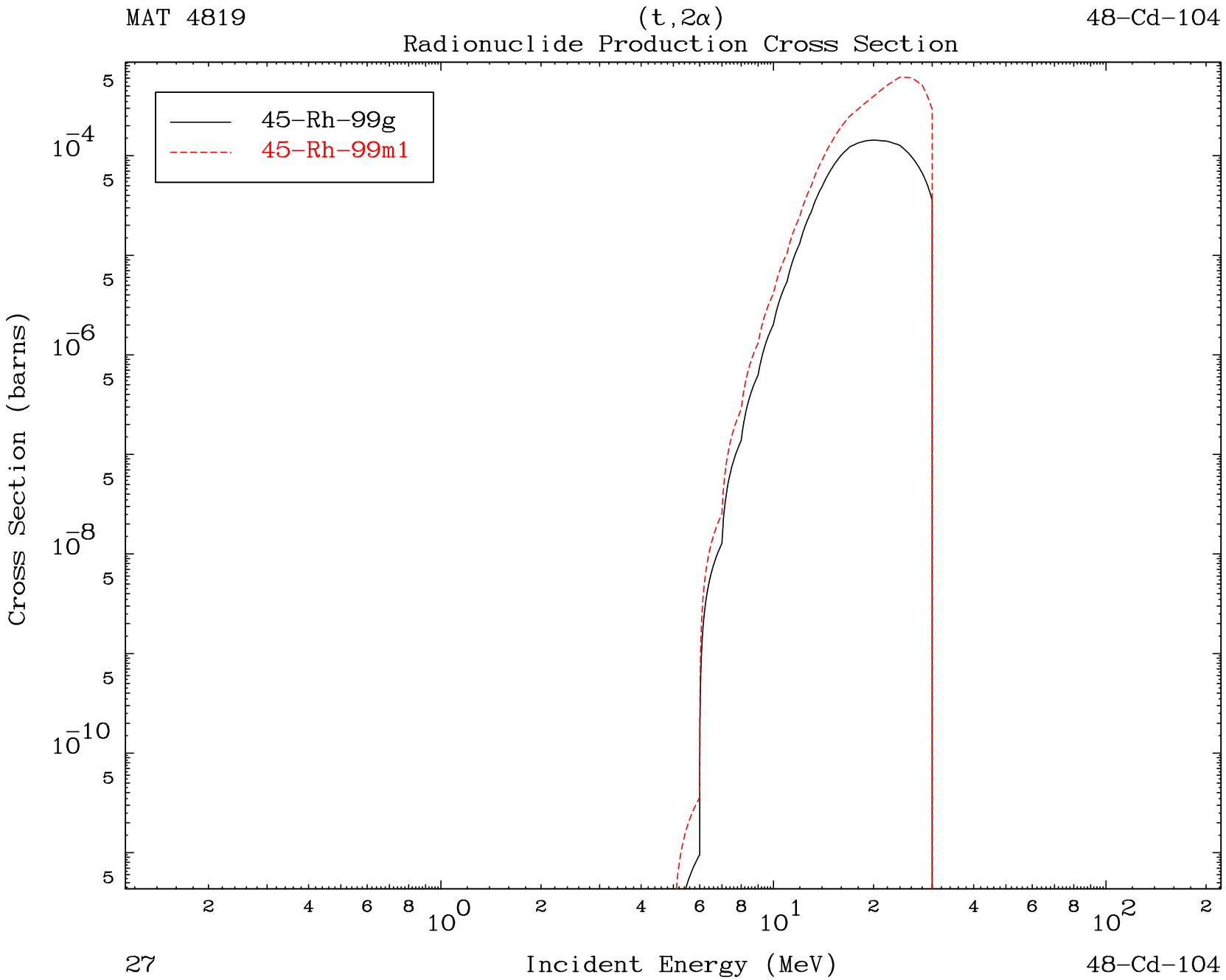

MAT 4819
(t,4n)
48-Cd-104
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
10-5
10-6
10-7
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
48-Cd-104

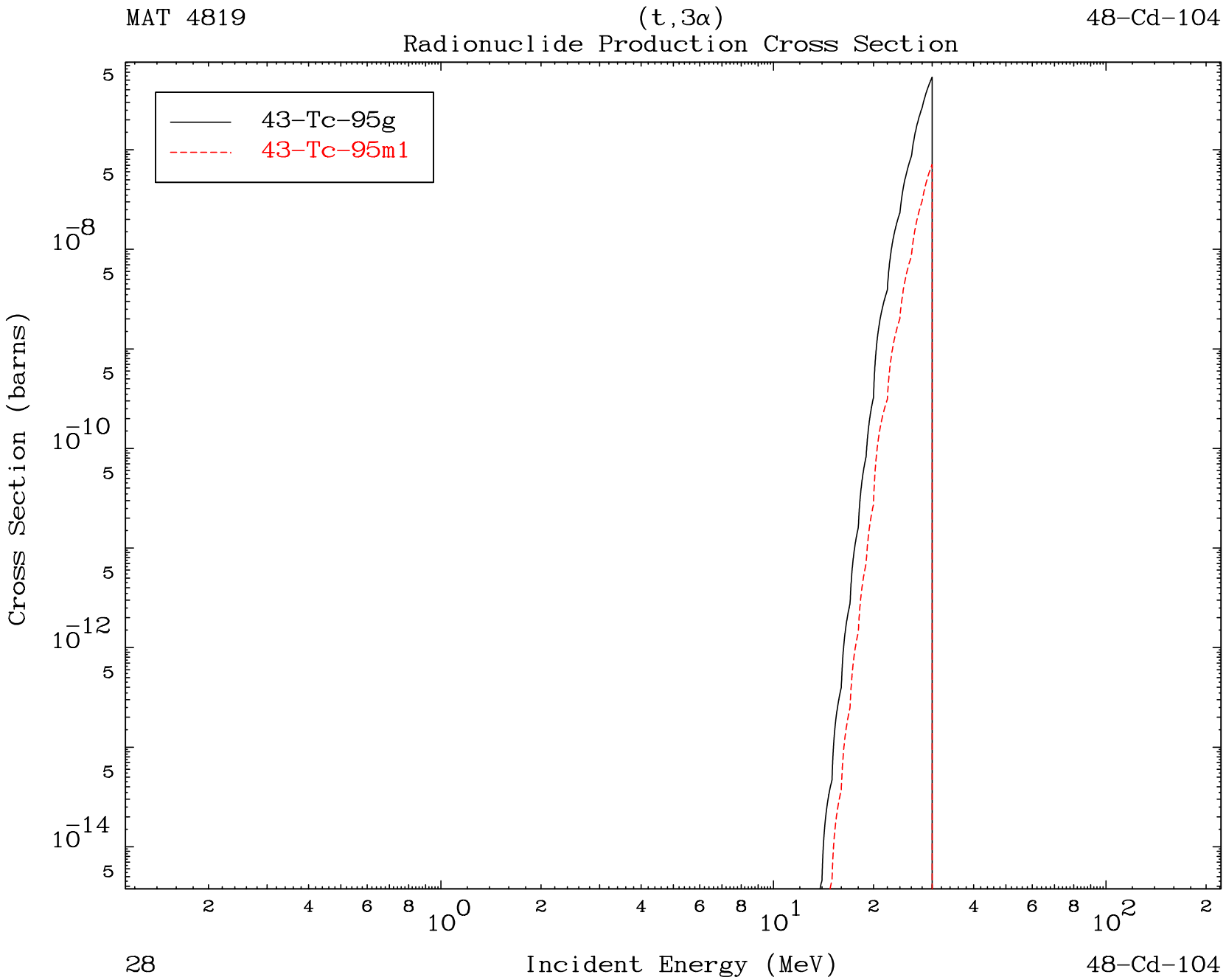

MAT 4819
(t,2n) p
48-Cd-104
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
23
48-Cd-104

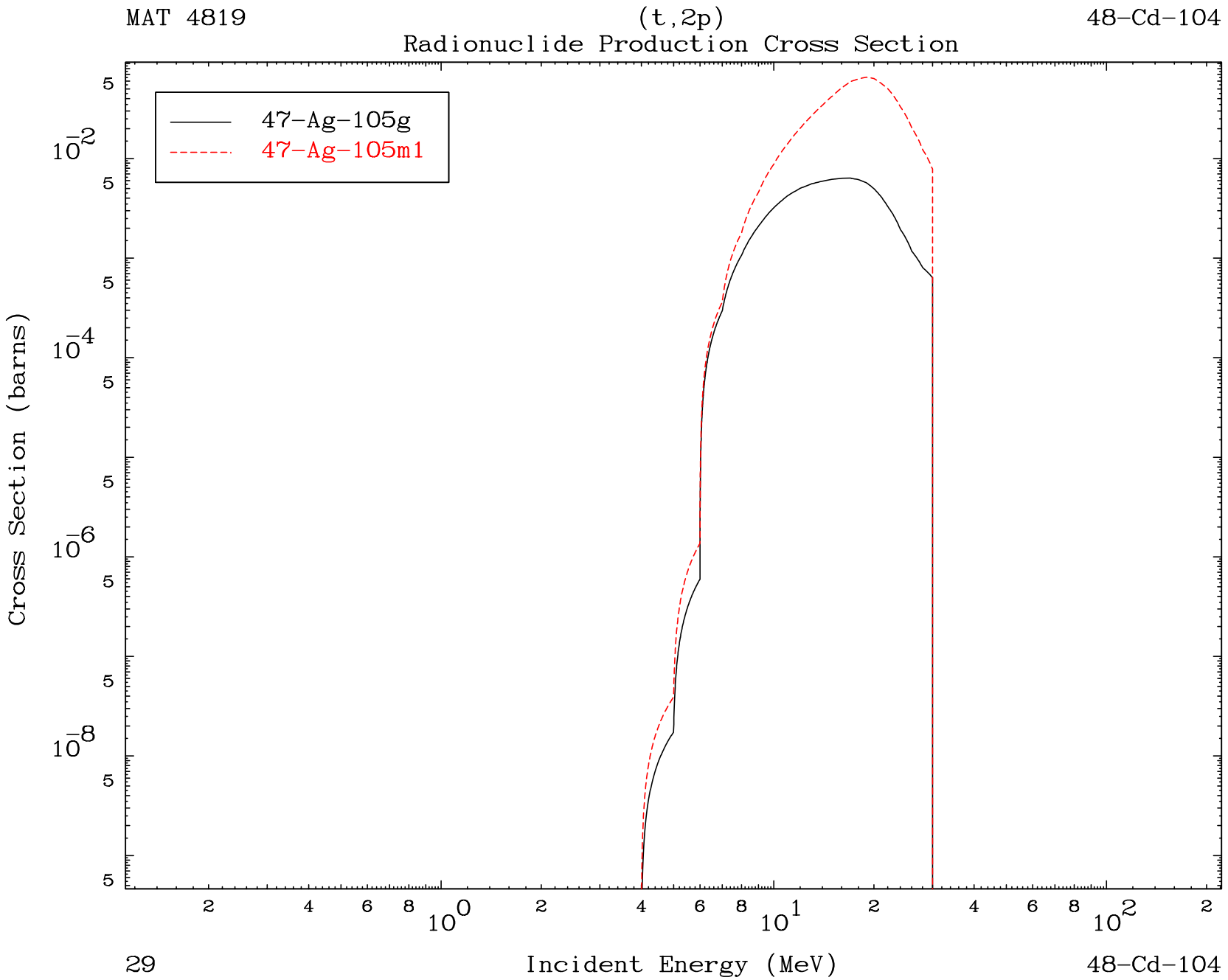

MAT 4819
(t,γ)
48-Cd-104
Radionuclide Production Cross Section
49-In-107g
49-In-107m1
Cross Section (barns)
Incident Energy (MeV)
24
48-Cd-104

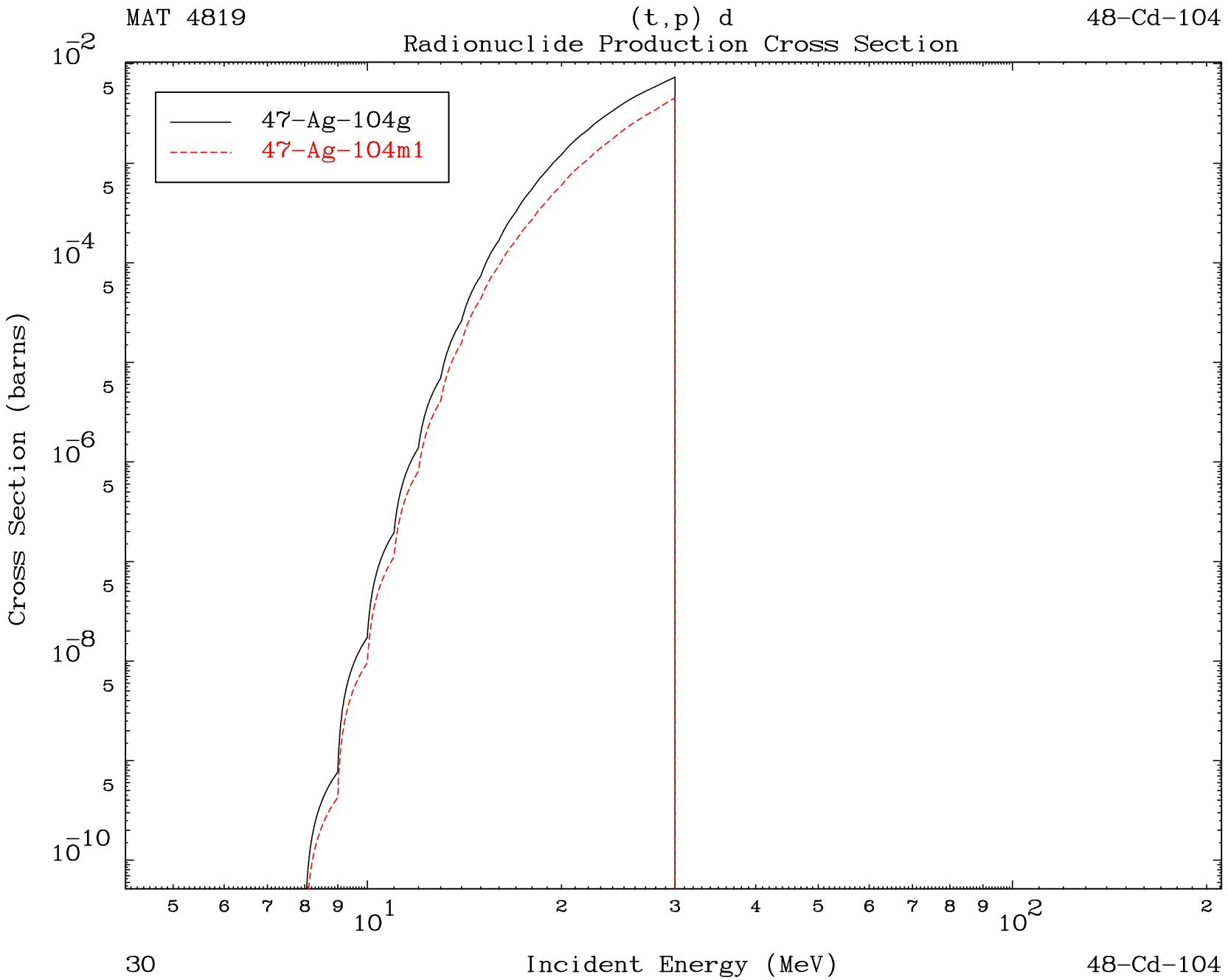

MAT 4819
(t,He-3)
48-Cd-104
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
25
48-Cd-104

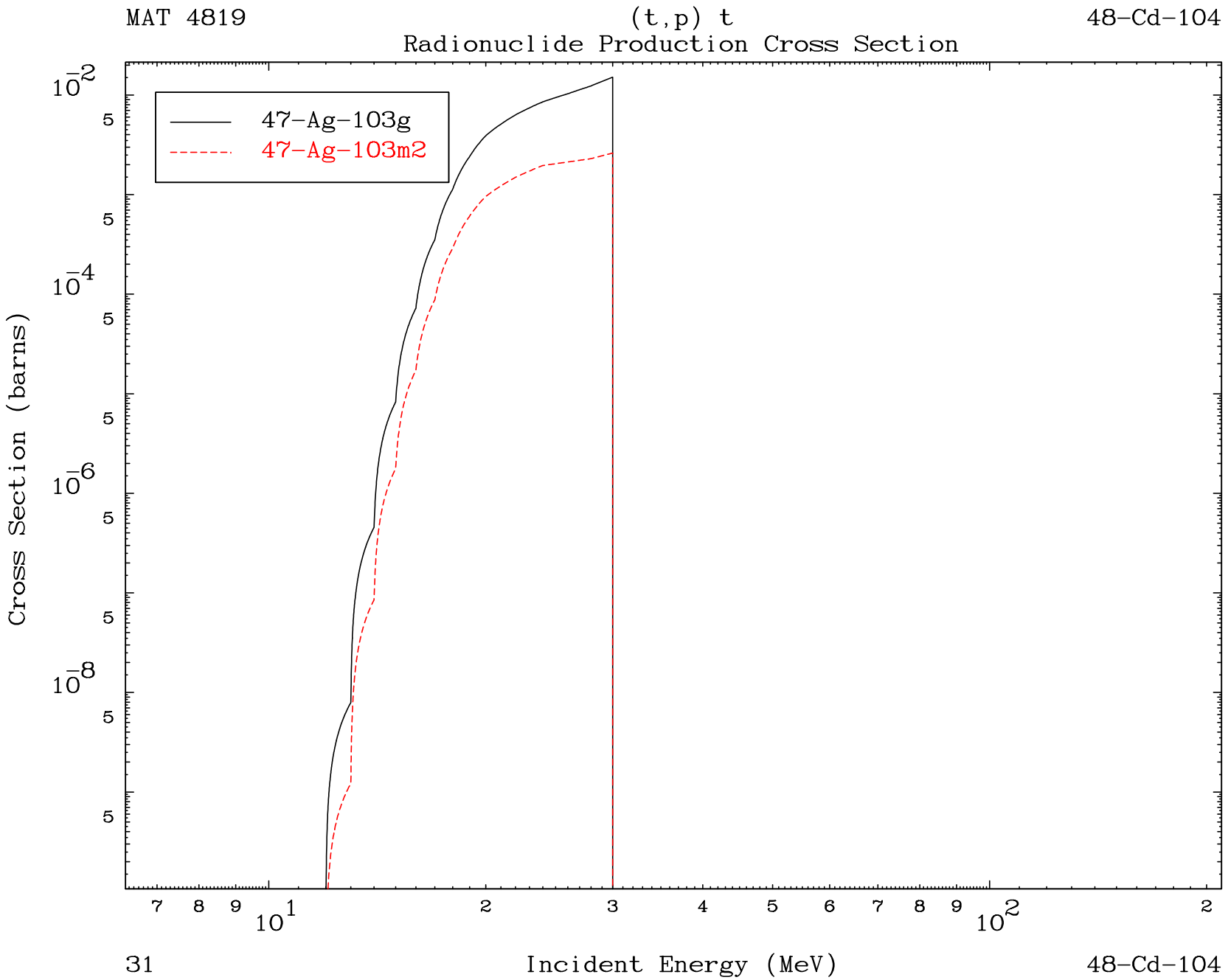

MAT 4819
(t,α)
48-Cd-104
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
Incident Energy (MeV)
26
48-Cd-104


MAT 4819
(t,2α)
48-Cd-104
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
27
48-Cd-104


MAT 4819
(t,3α)
48-Cd-104
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
Incident Energy (MeV)
28
48-Cd-104


MAT 4819
(t,2p)
48-Cd-104
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
29
48-Cd-104


MAT 4819
(t,p) d
48-Cd-104
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
30
48-Cd-104


MAT 4819
(t,p) t
48-Cd-104
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
Incident Energy (MeV)
31
48-Cd-104