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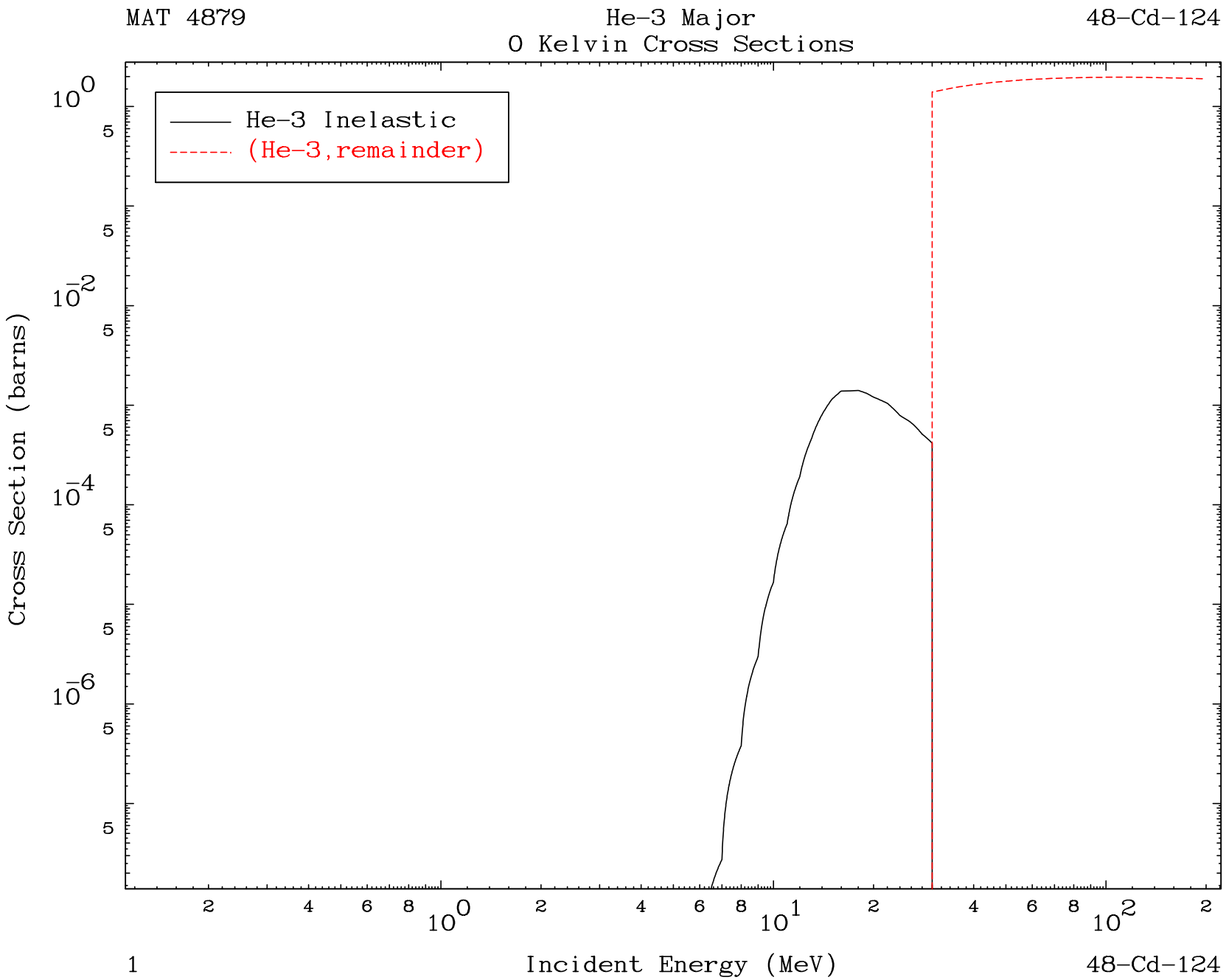
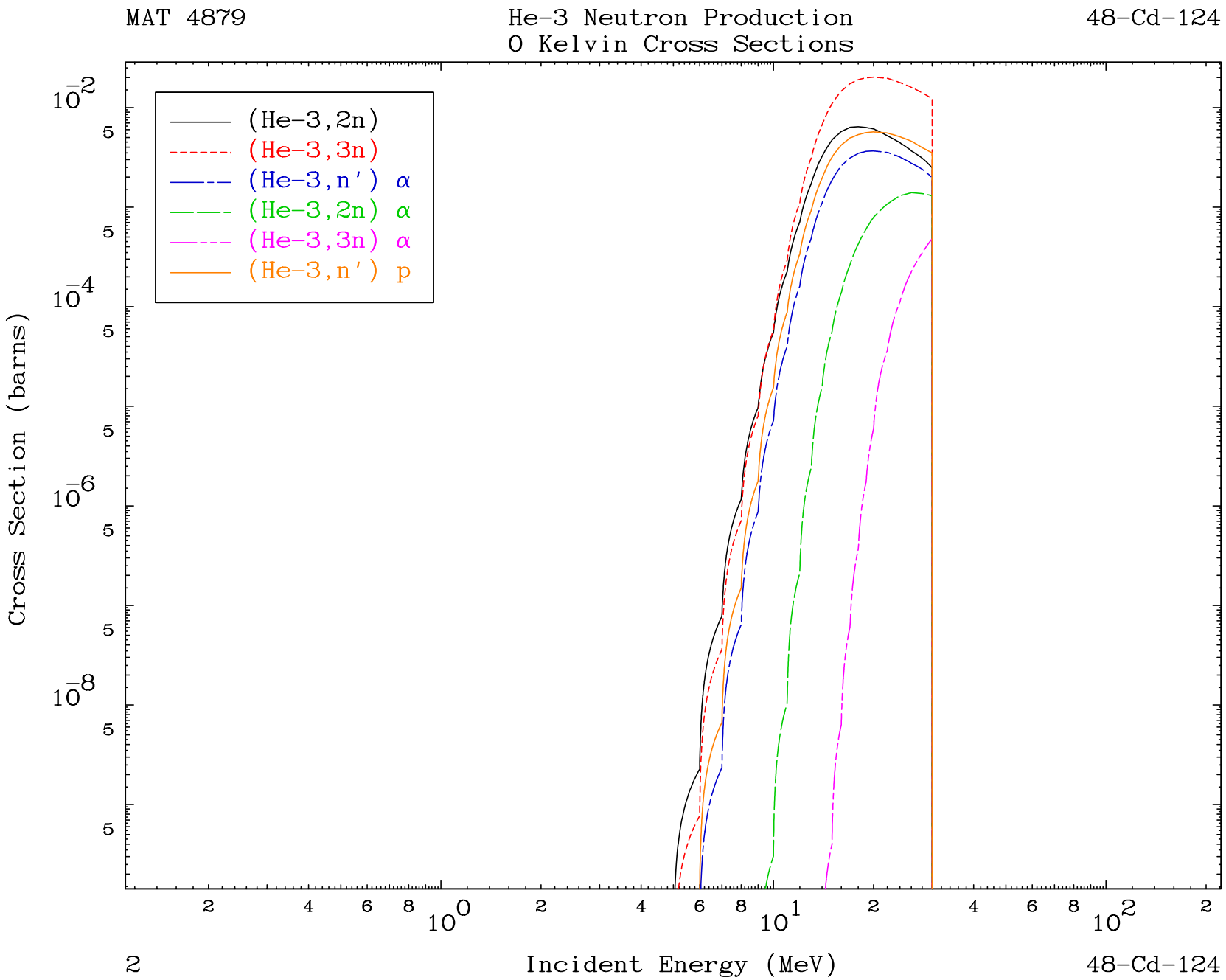
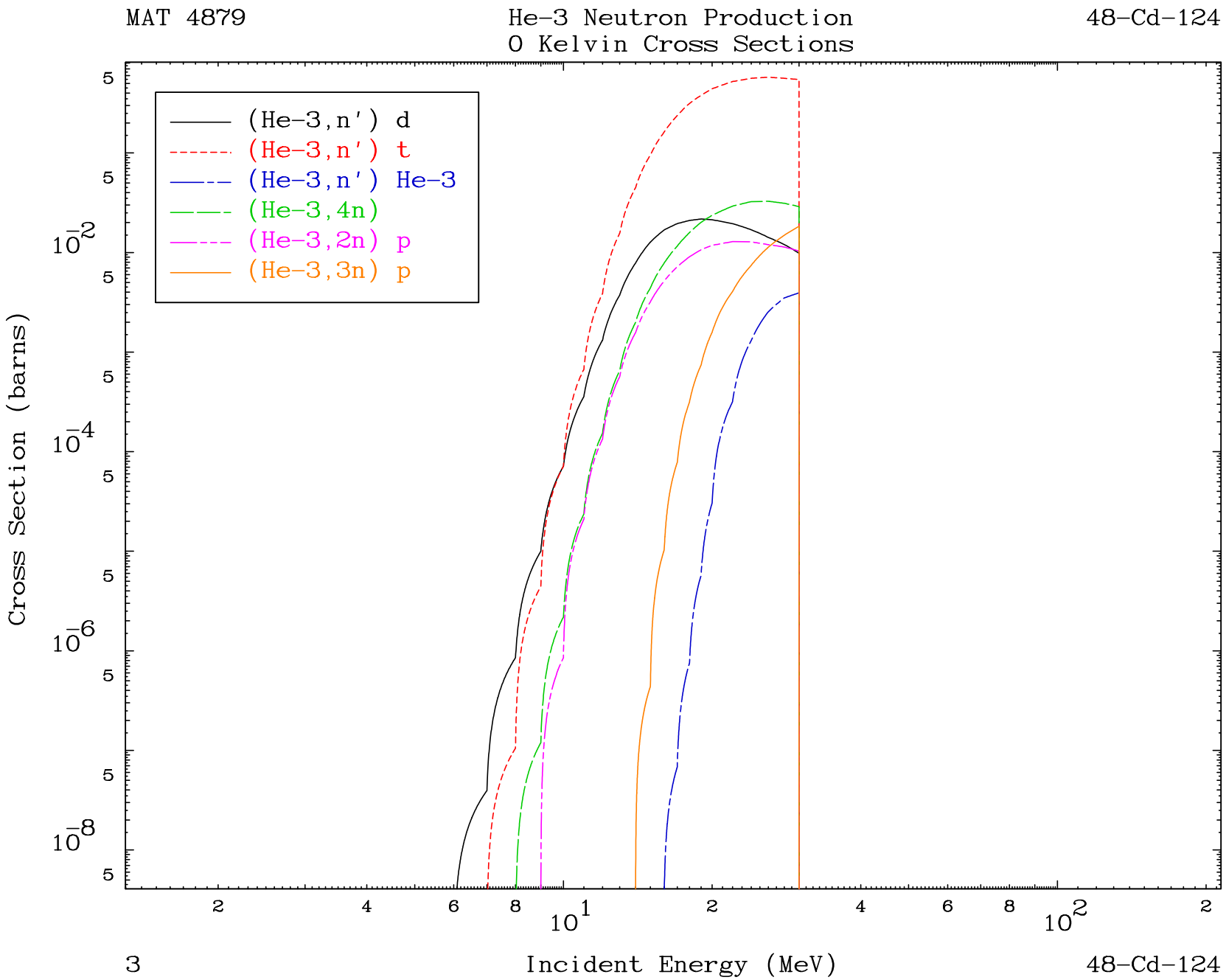
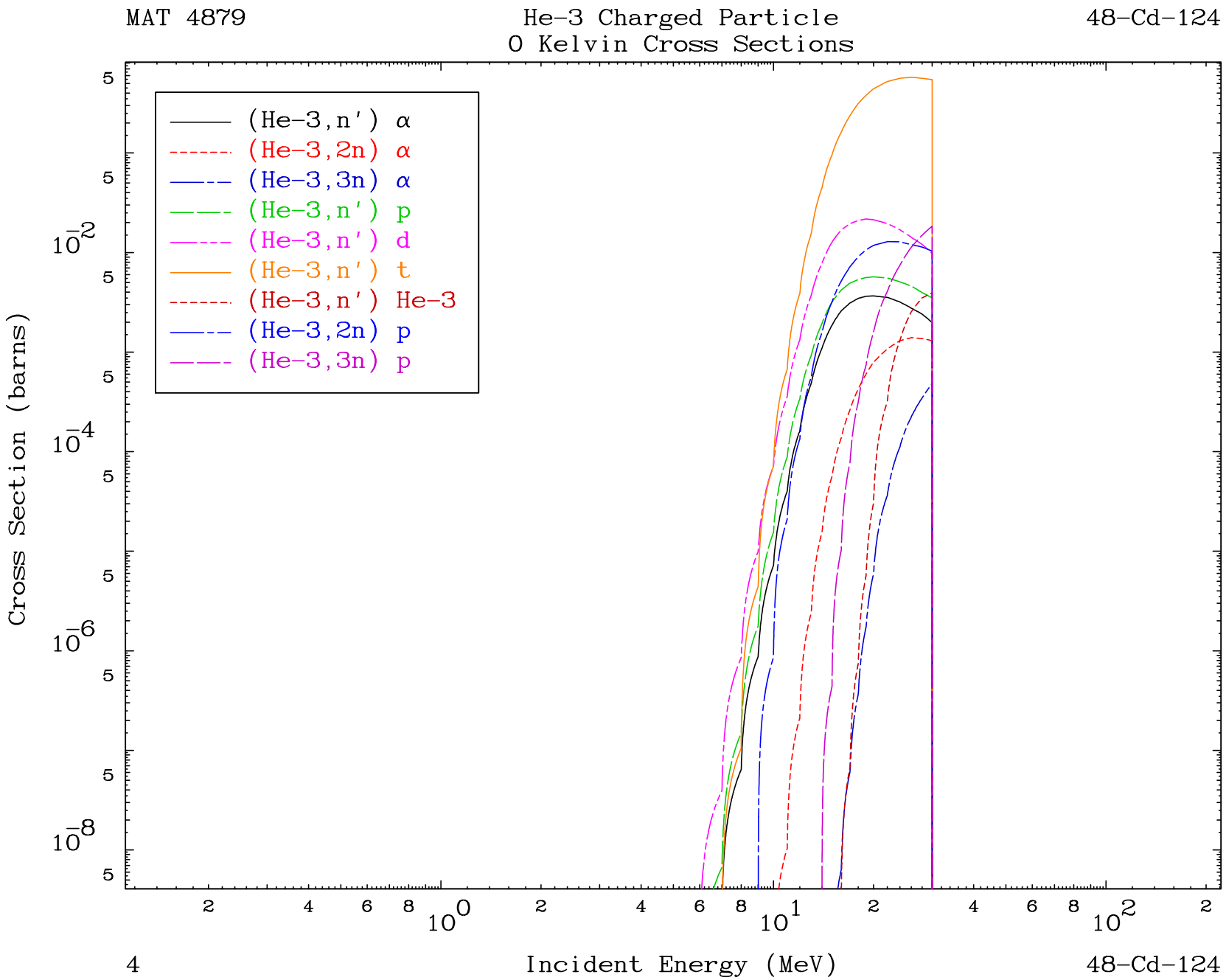
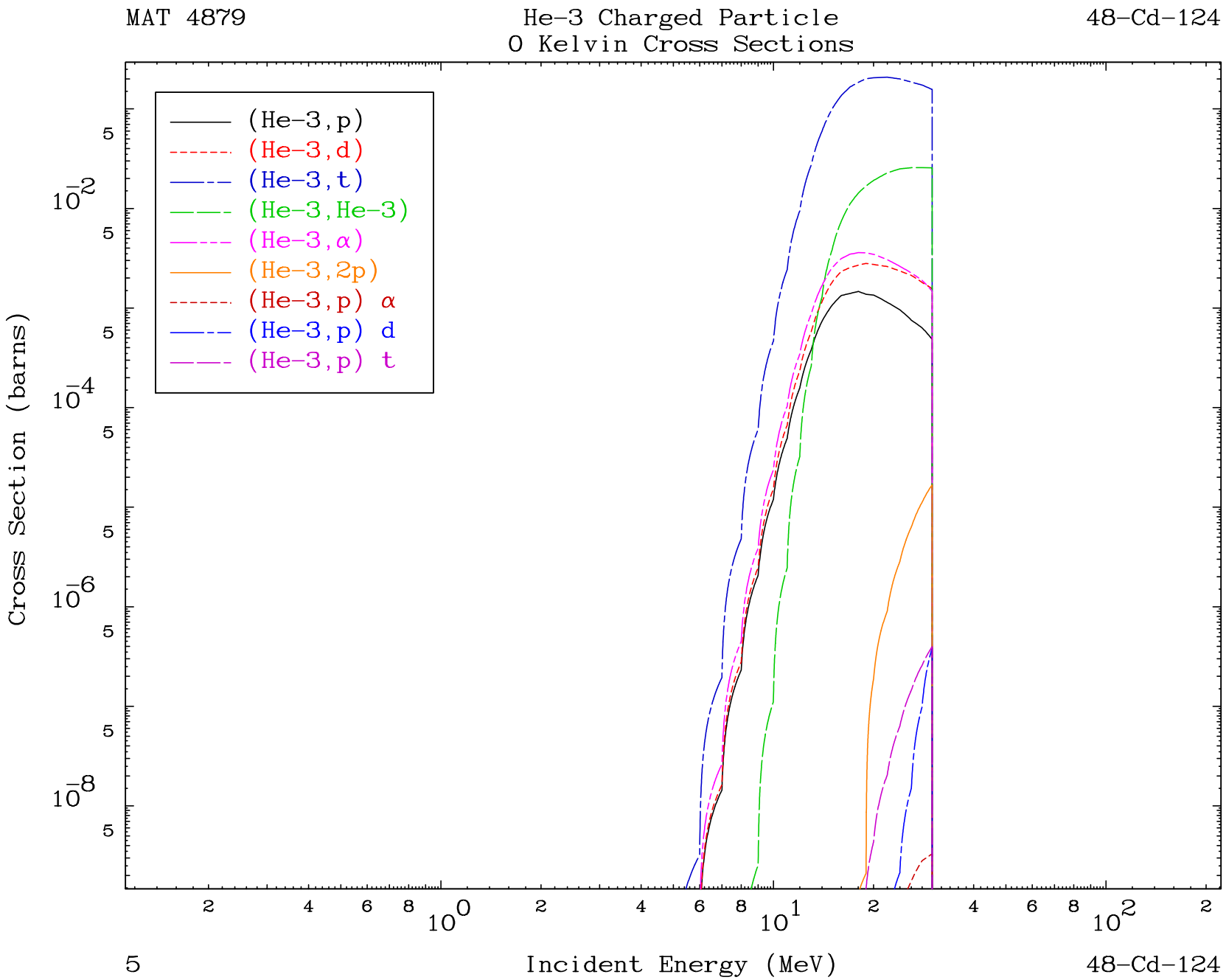
Press Mouse Button to Start

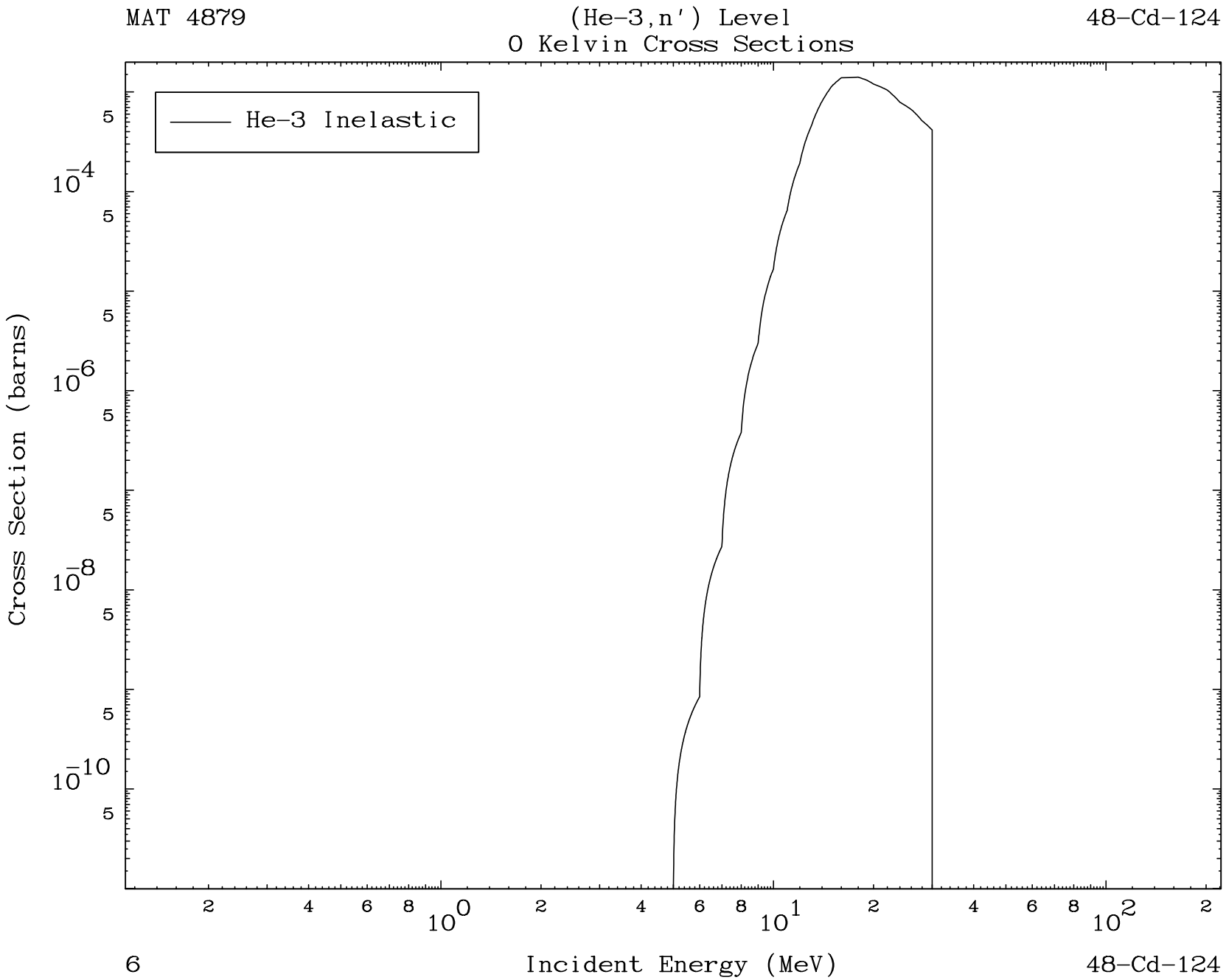

MAT 4879
He-3 Major
48-Cd-124
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-124
1

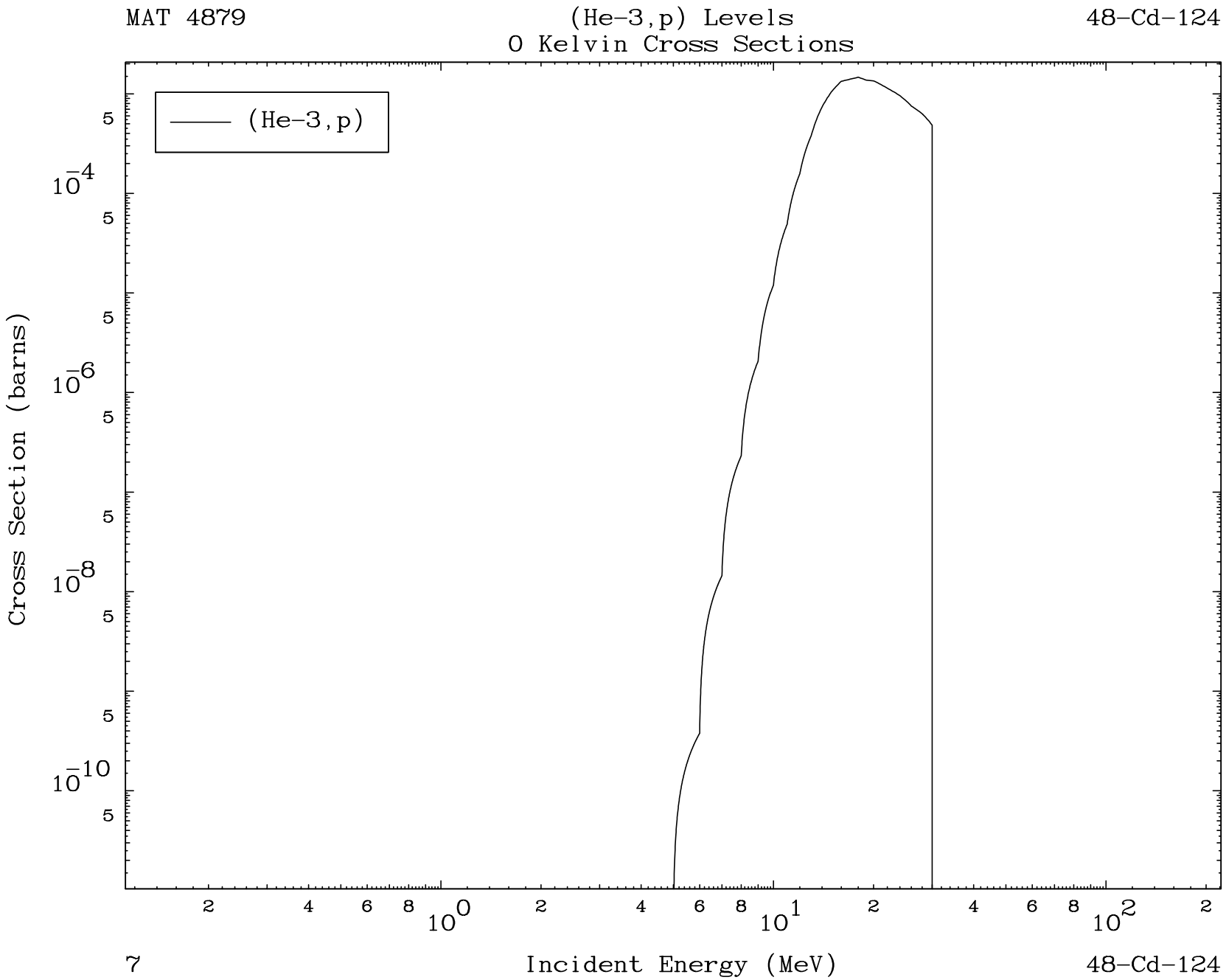

MAT 4879
He-3 Neutron Production
0 Kelvin Cross Sections
48-Cd-124
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
48-Cd-124
2


MAT 4879
He-3 Neutron Production
0 Kelvin Cross Sections
48-Cd-124
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
48-Cd-124

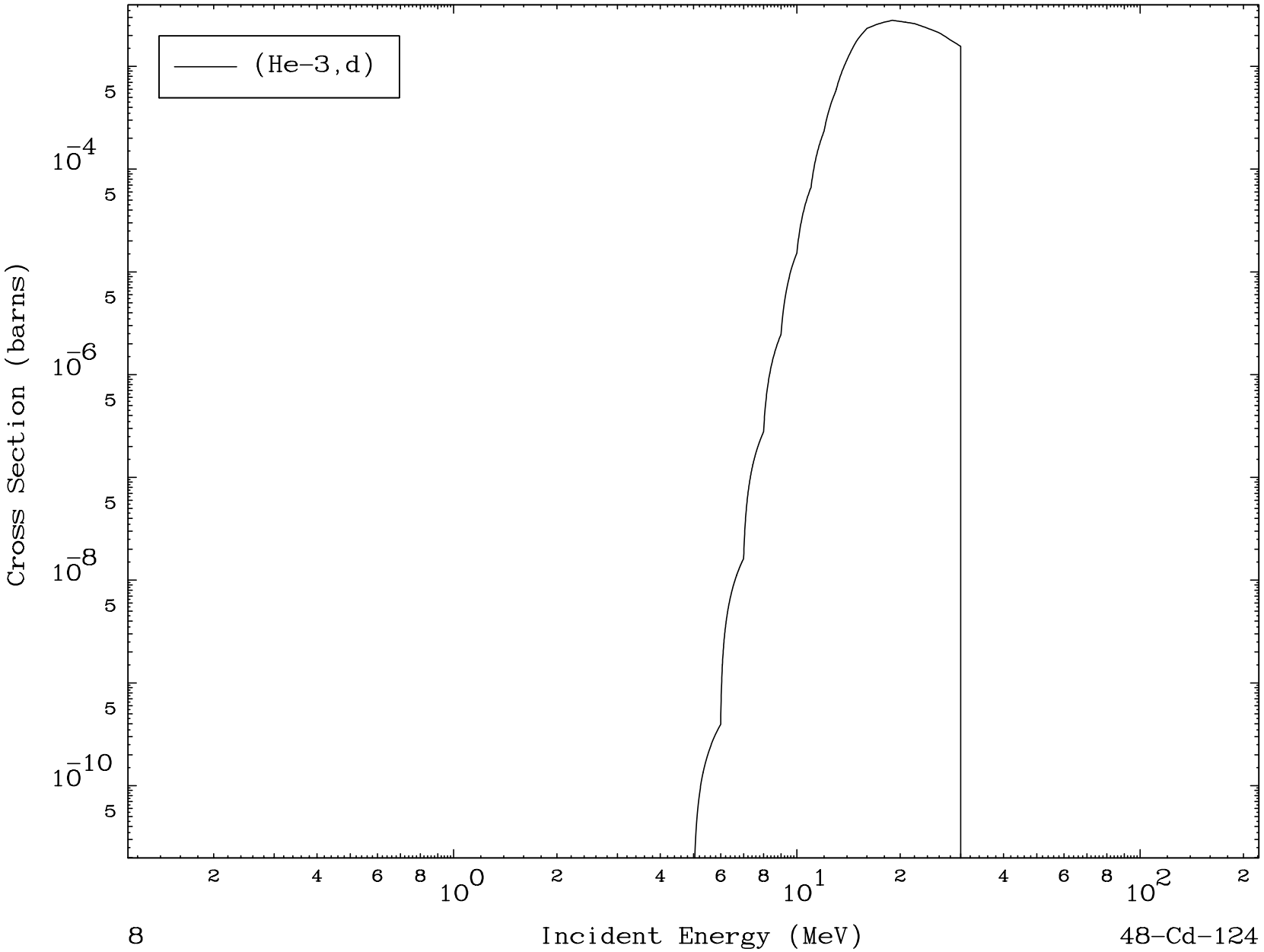

MAT 4879
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-124
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
48-Cd-124

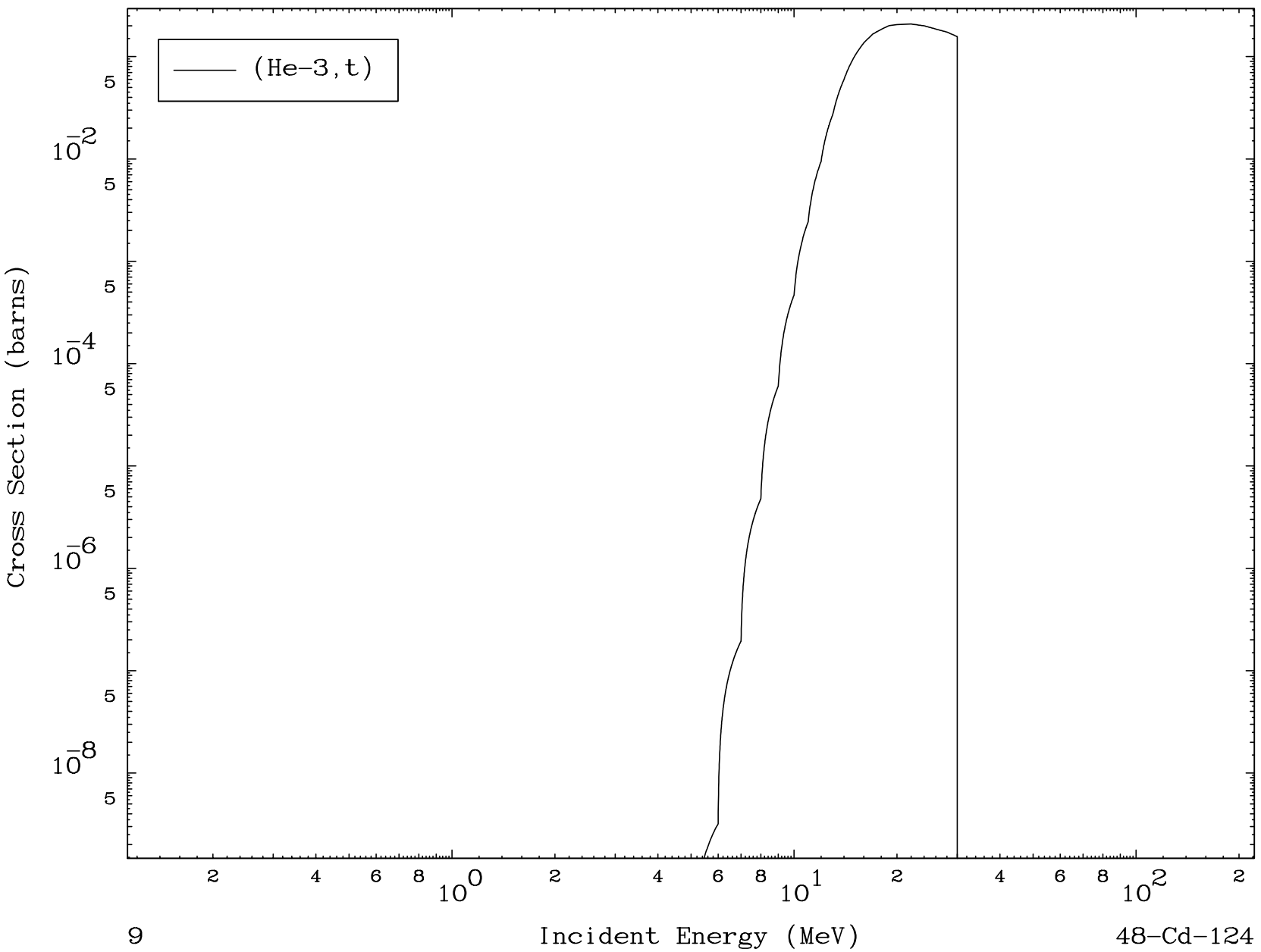

MAT 4879
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-124
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
48-Cd-124

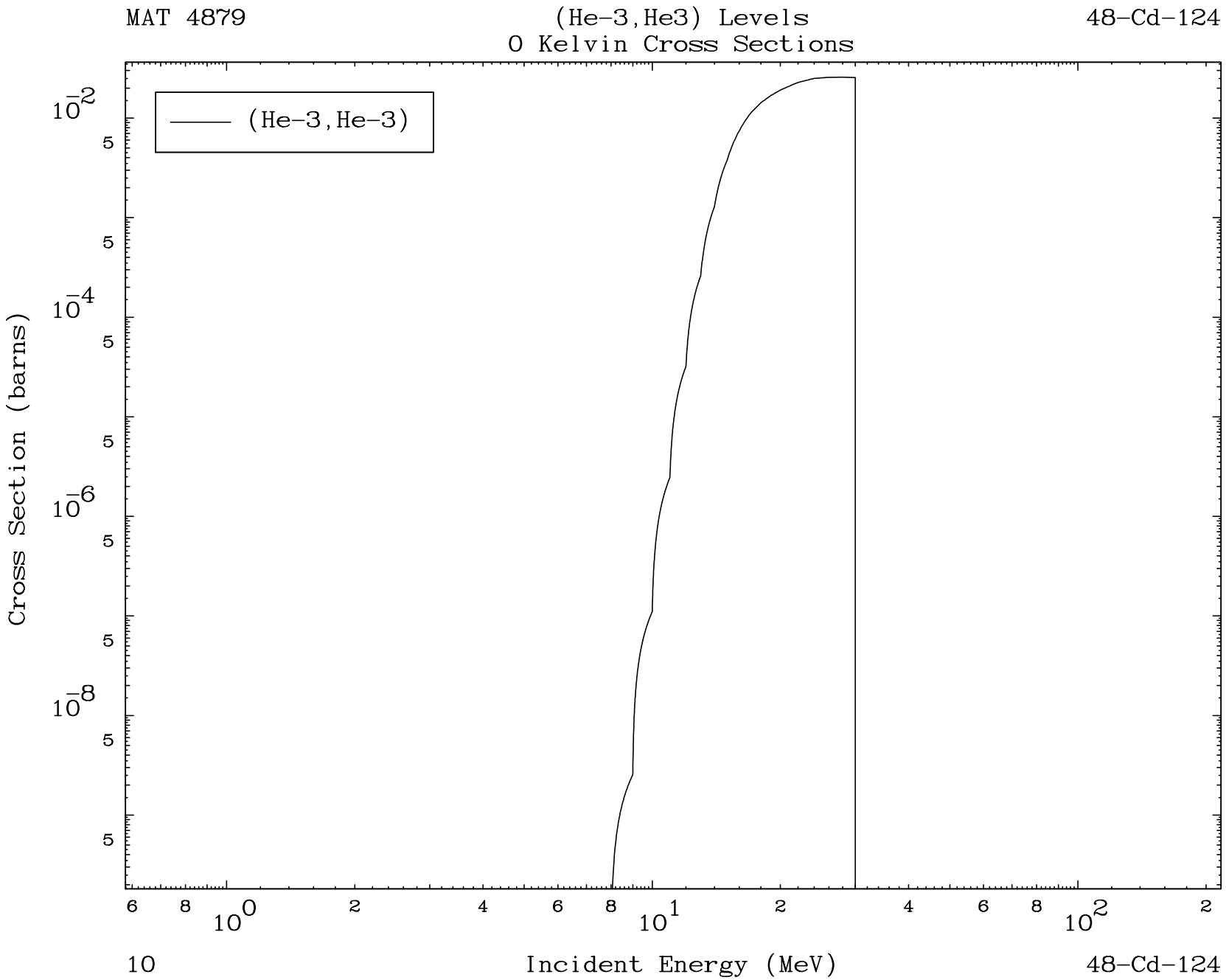

MAT 4879
(He-3,n') Level
48-Cd-124
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
48-Cd-124

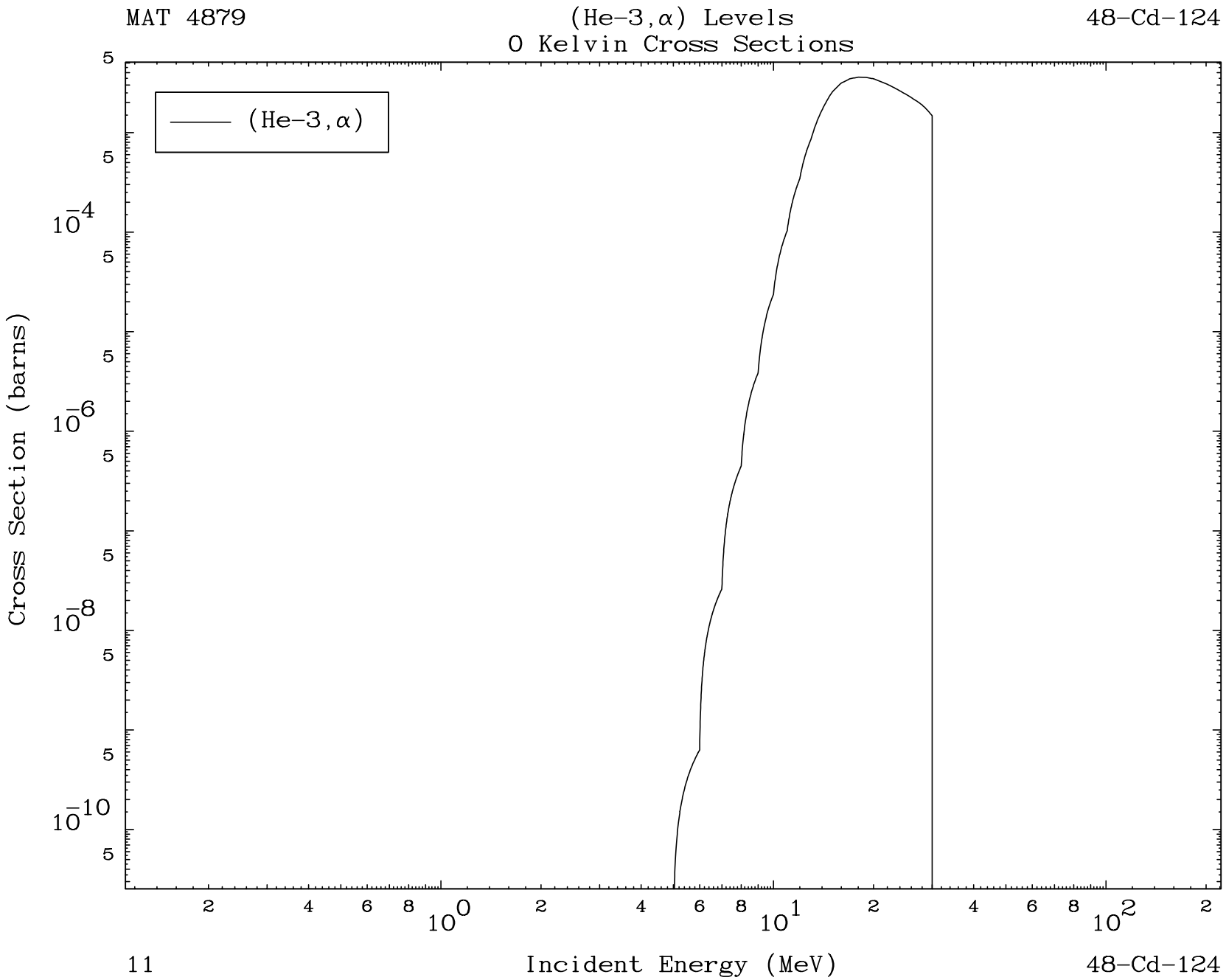

MAT 4879
(He-3,p) Levels
48-Cd-124
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
48-Cd-124

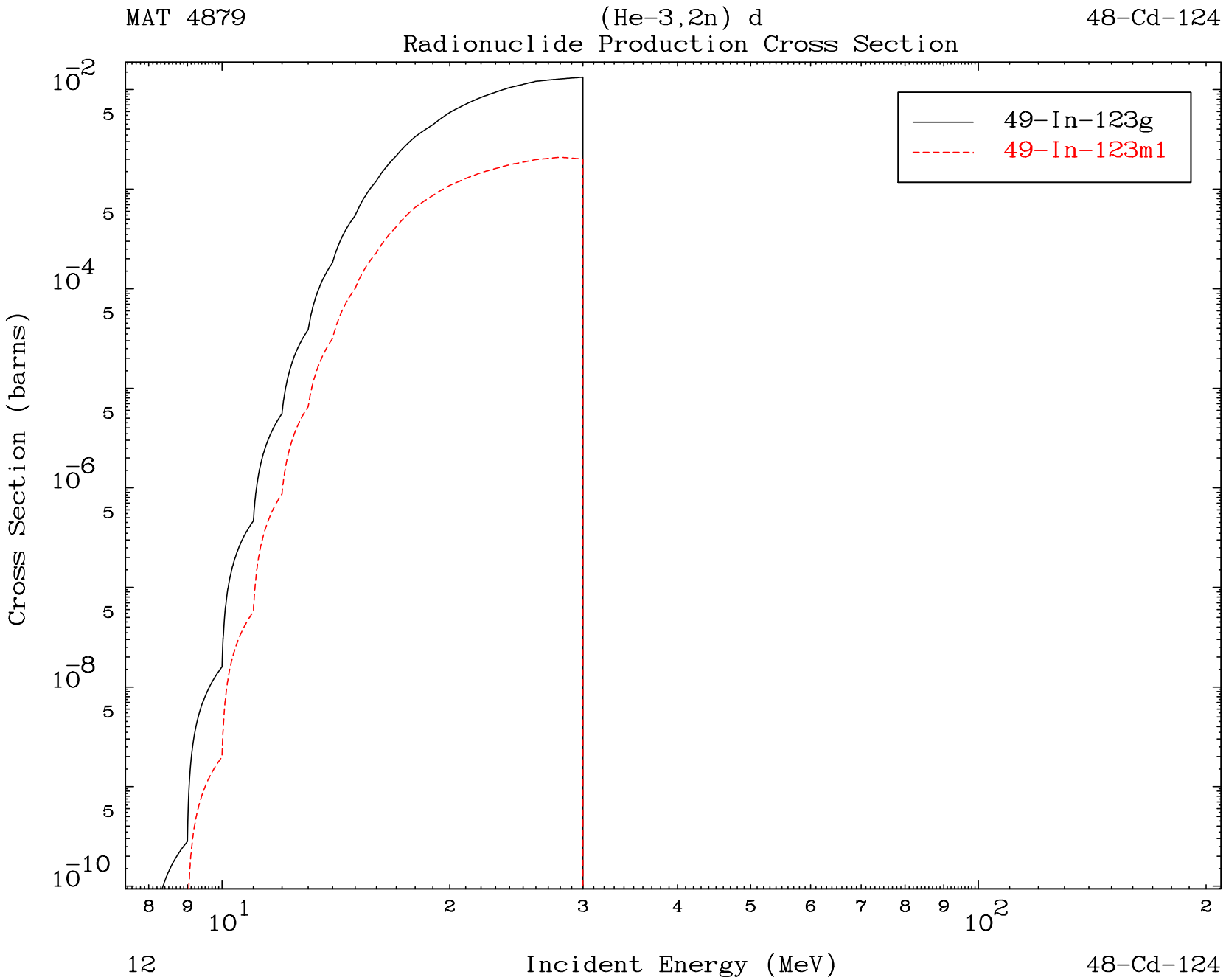
0 Kelvin Cross Sections

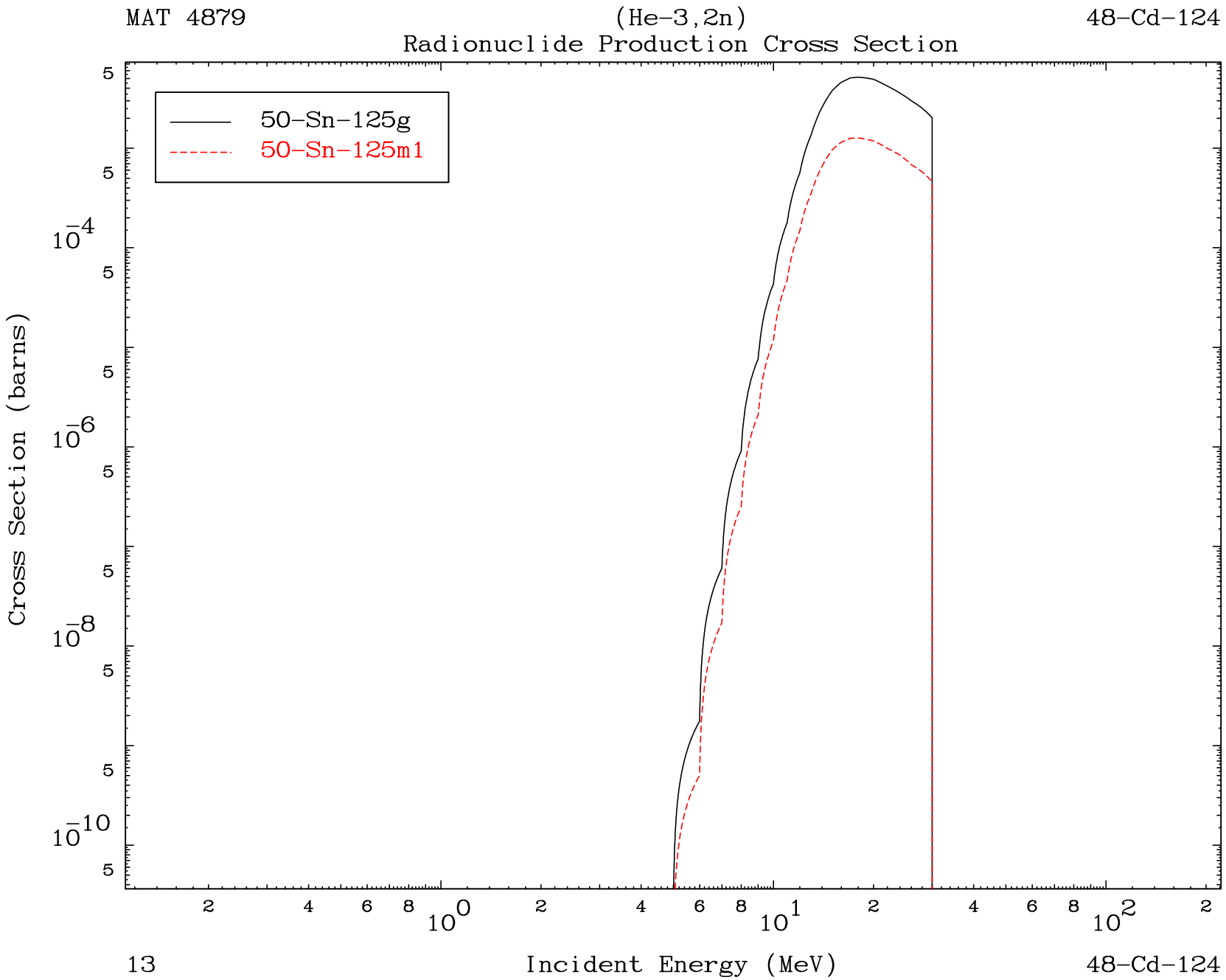


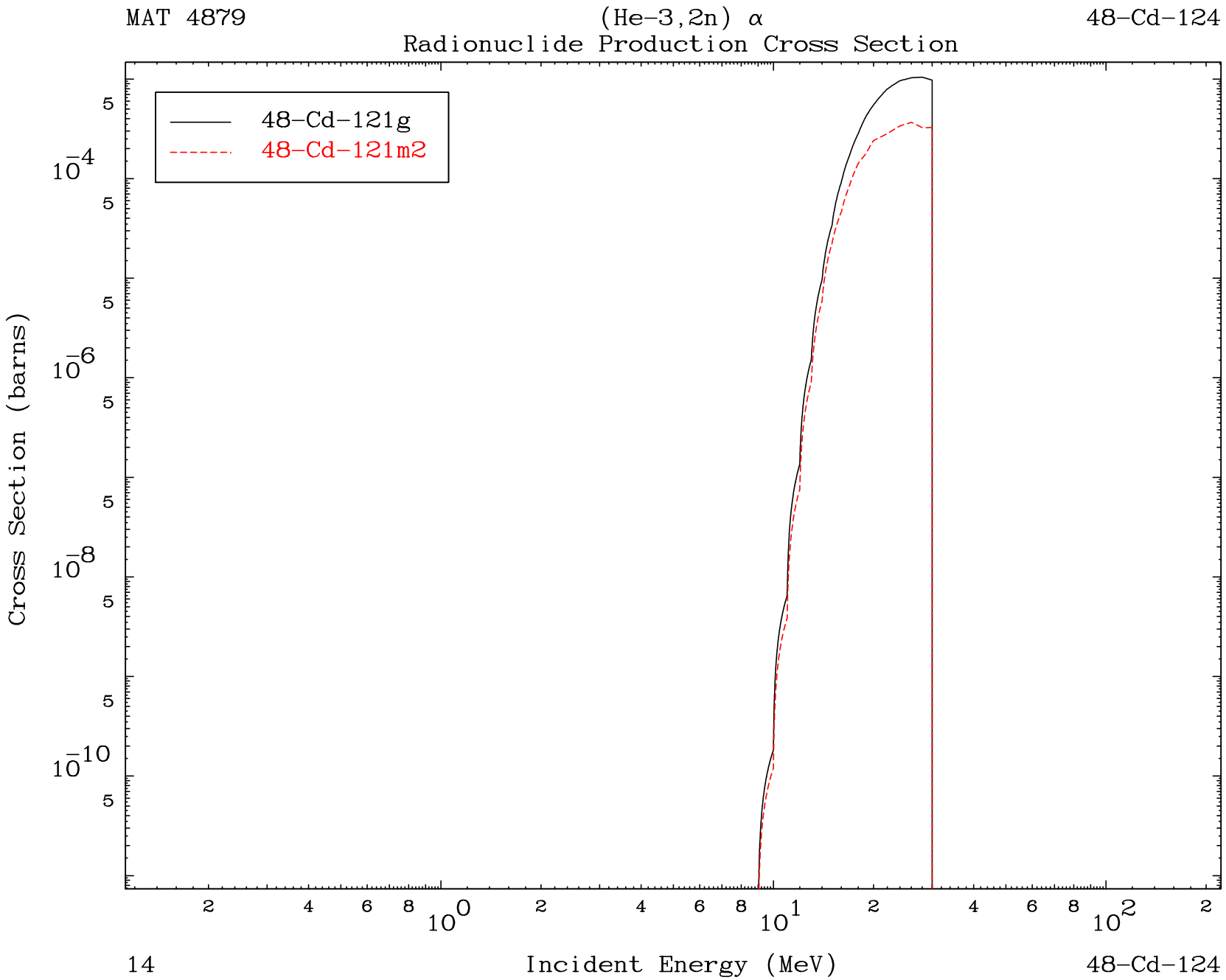

0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

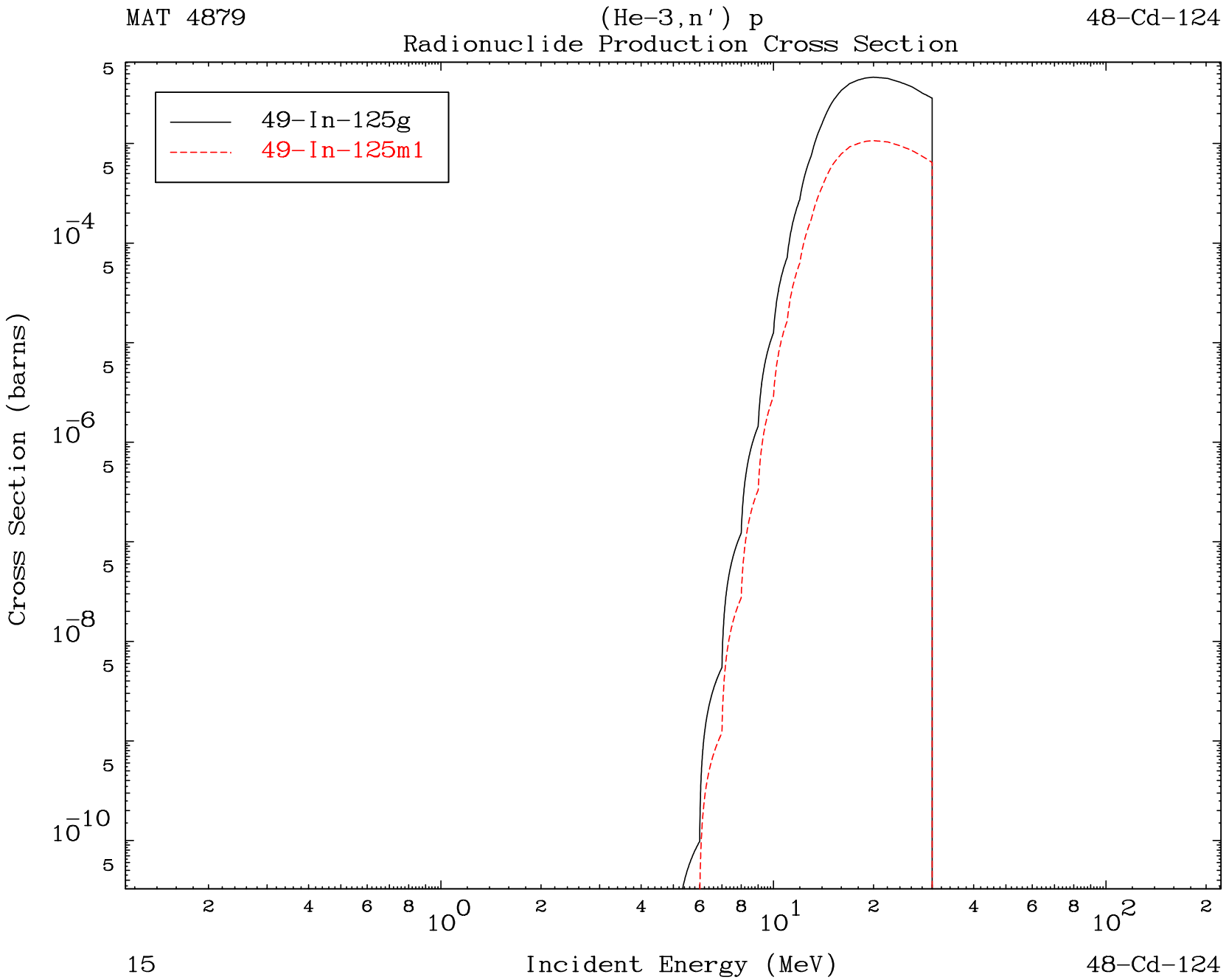

MAT 4879
(He-3,He3) Levels
48-Cd-124
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-124

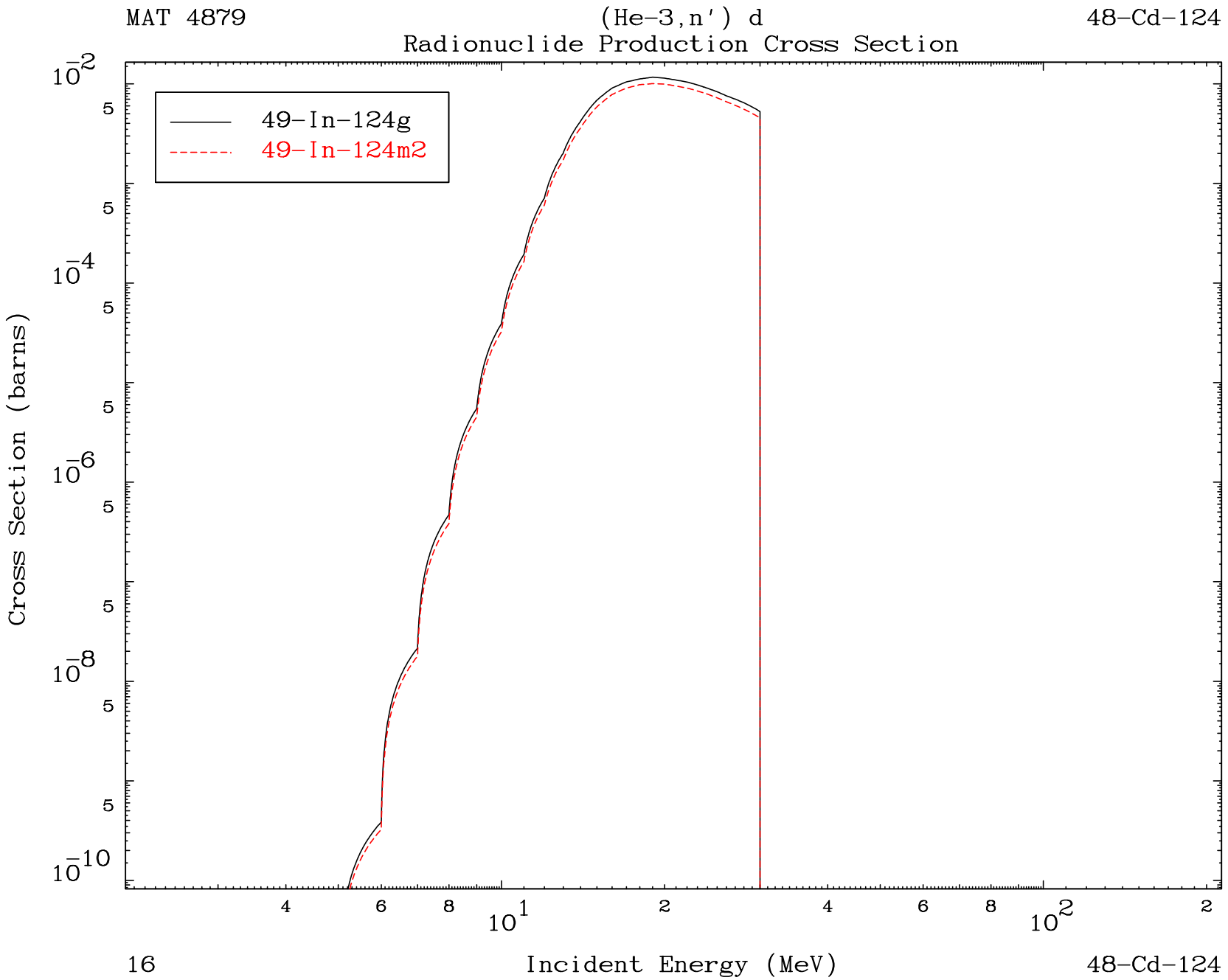

MAT 4879
(He-3,α) Levels
48-Cd-124
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
48-Cd-124

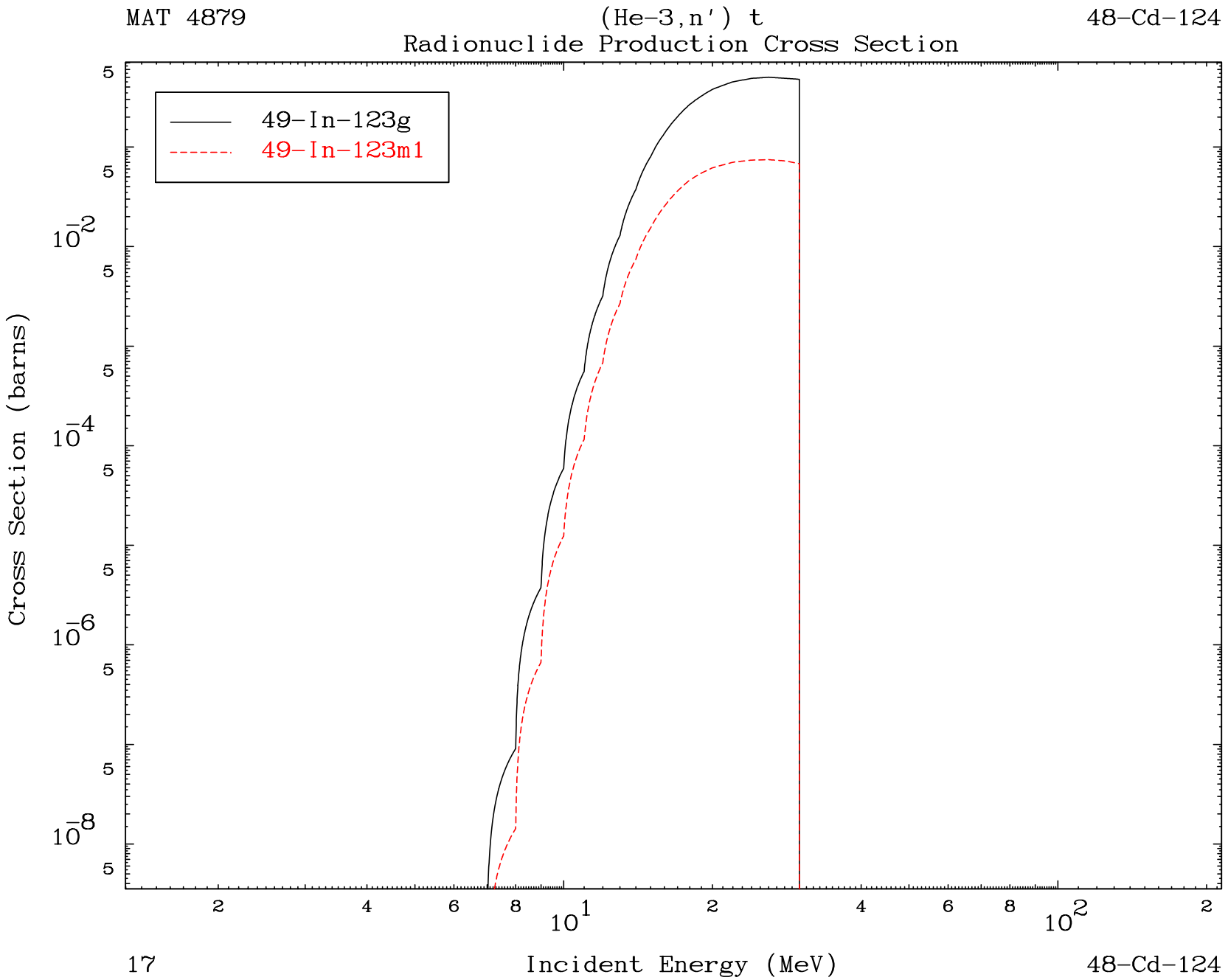

MAT 4879
(He-3,2n) d
48-Cd-124
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
12
48-Cd-124

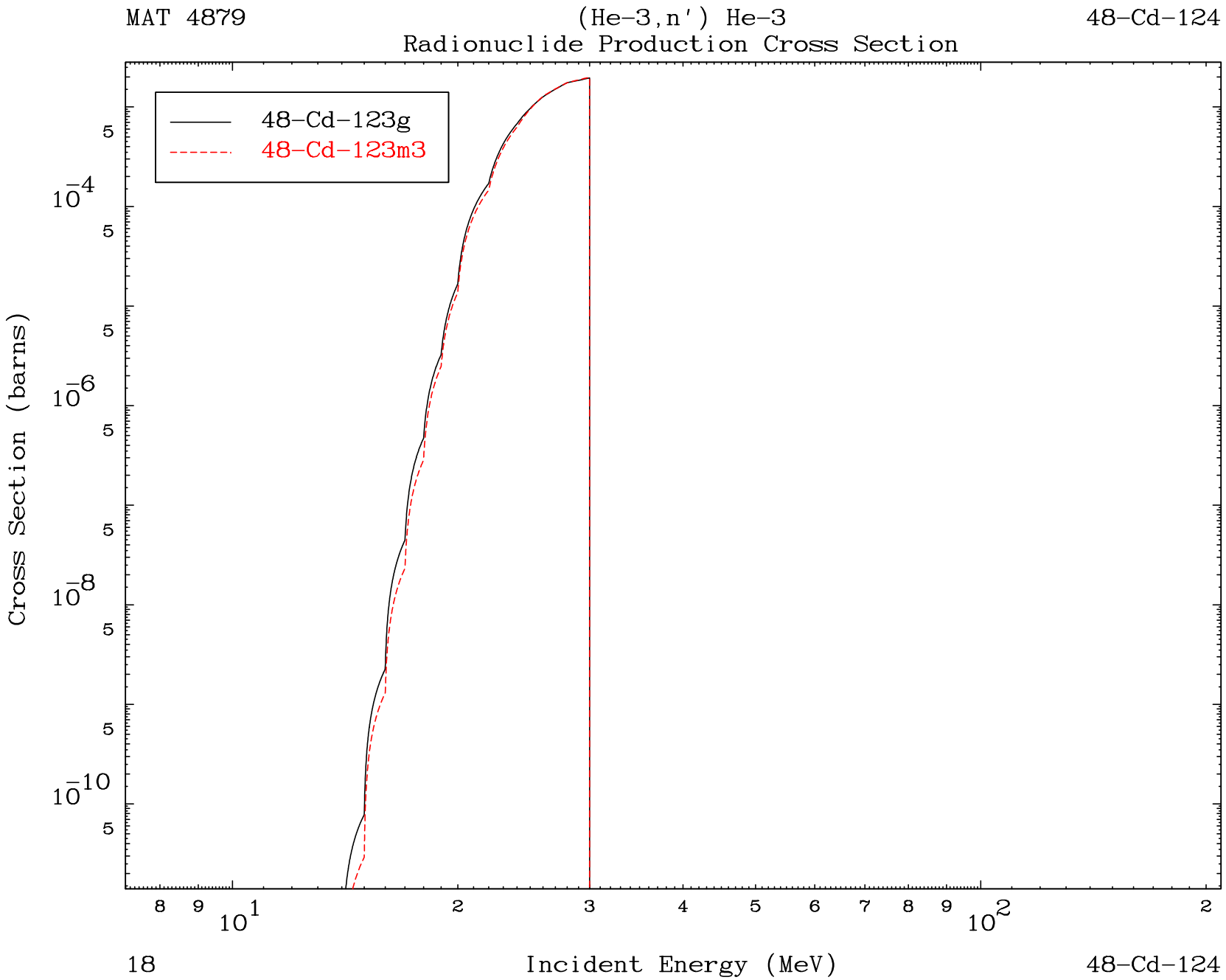

MAT 4879
(He-3,2n)
48-Cd-124
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
Incident Energy (MeV)
13
48-Cd-124

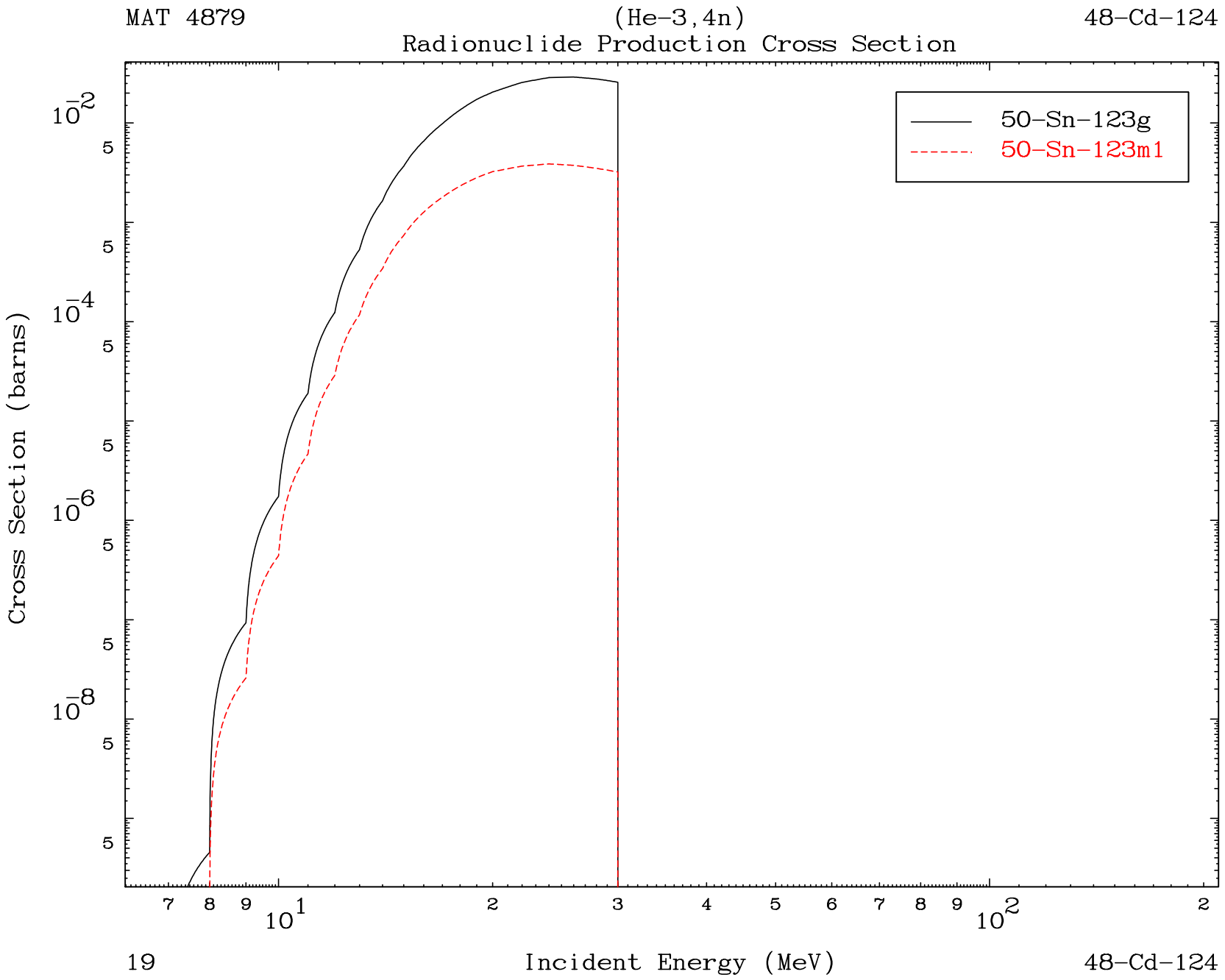

MAT 4879
(He-3,2n) α
48-Cd-124
Radionuclide Production Cross Section
48-Cd-121g
48-Cd-121m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
14
48-Cd-124

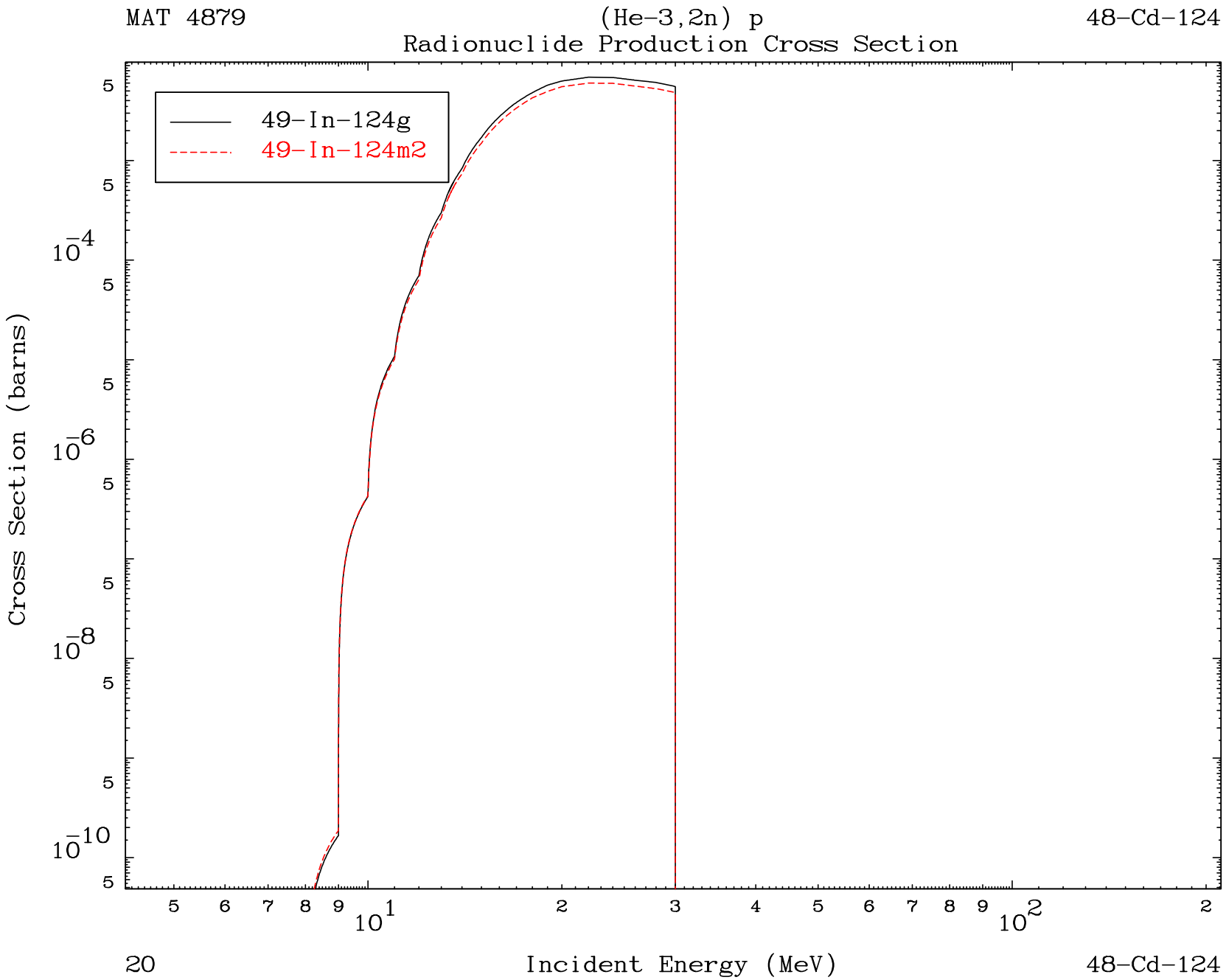

MAT 4879
(He-3,n') p
48-Cd-124
Radionuclide Production Cross Section
49-In-125g
49-In-125m1
Cross Section (barns)
Incident Energy (MeV)
15
48-Cd-124

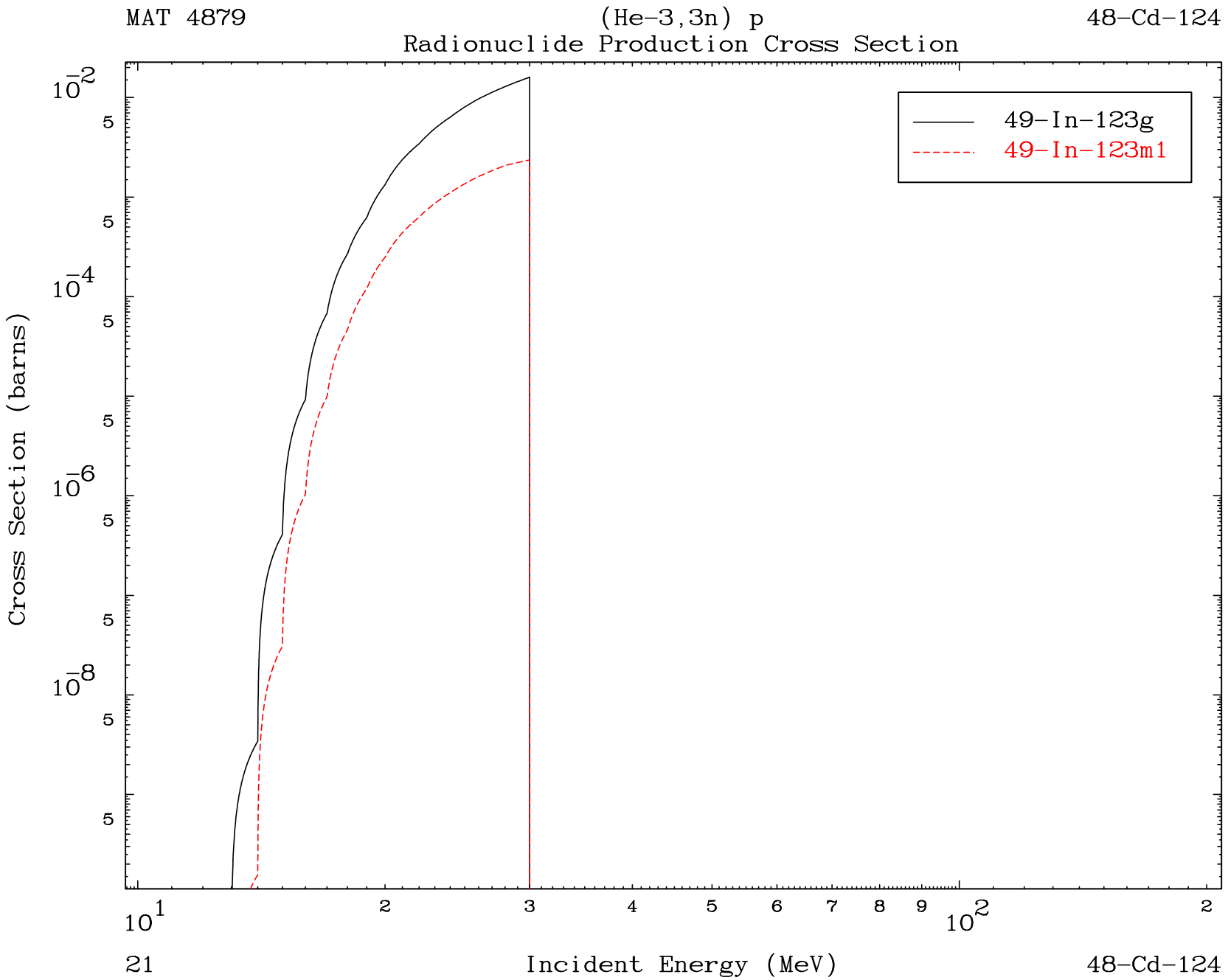

MAT 4879
(He-3,n') d
48-Cd-124
Radionuclide Production Cross Section
49-In-124g
49-In-124m2
Cross Section (barns)
Incident Energy (MeV)
16
48-Cd-124

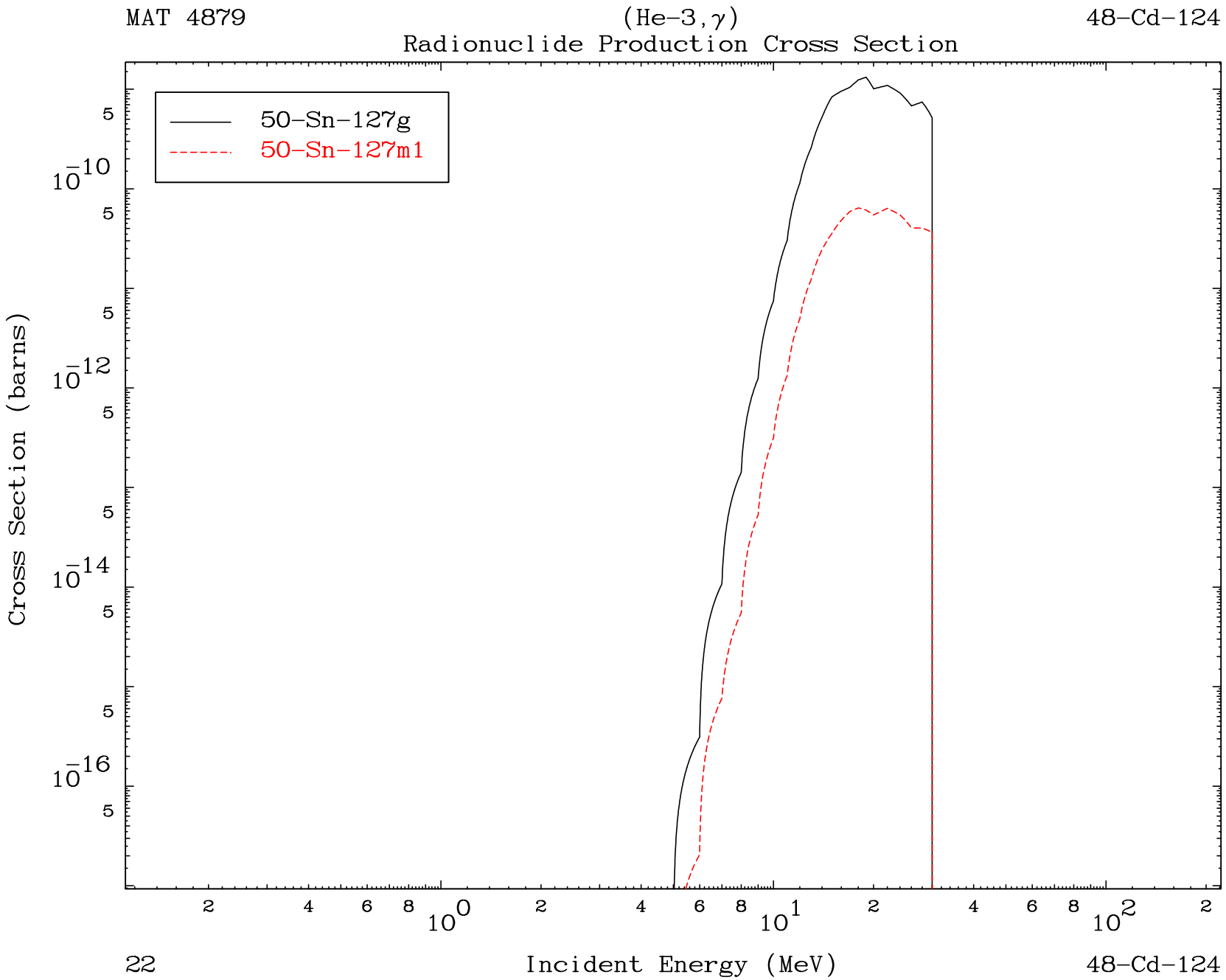

MAT 4879
(He-3,n') t
48-Cd-124
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
17
48-Cd-124

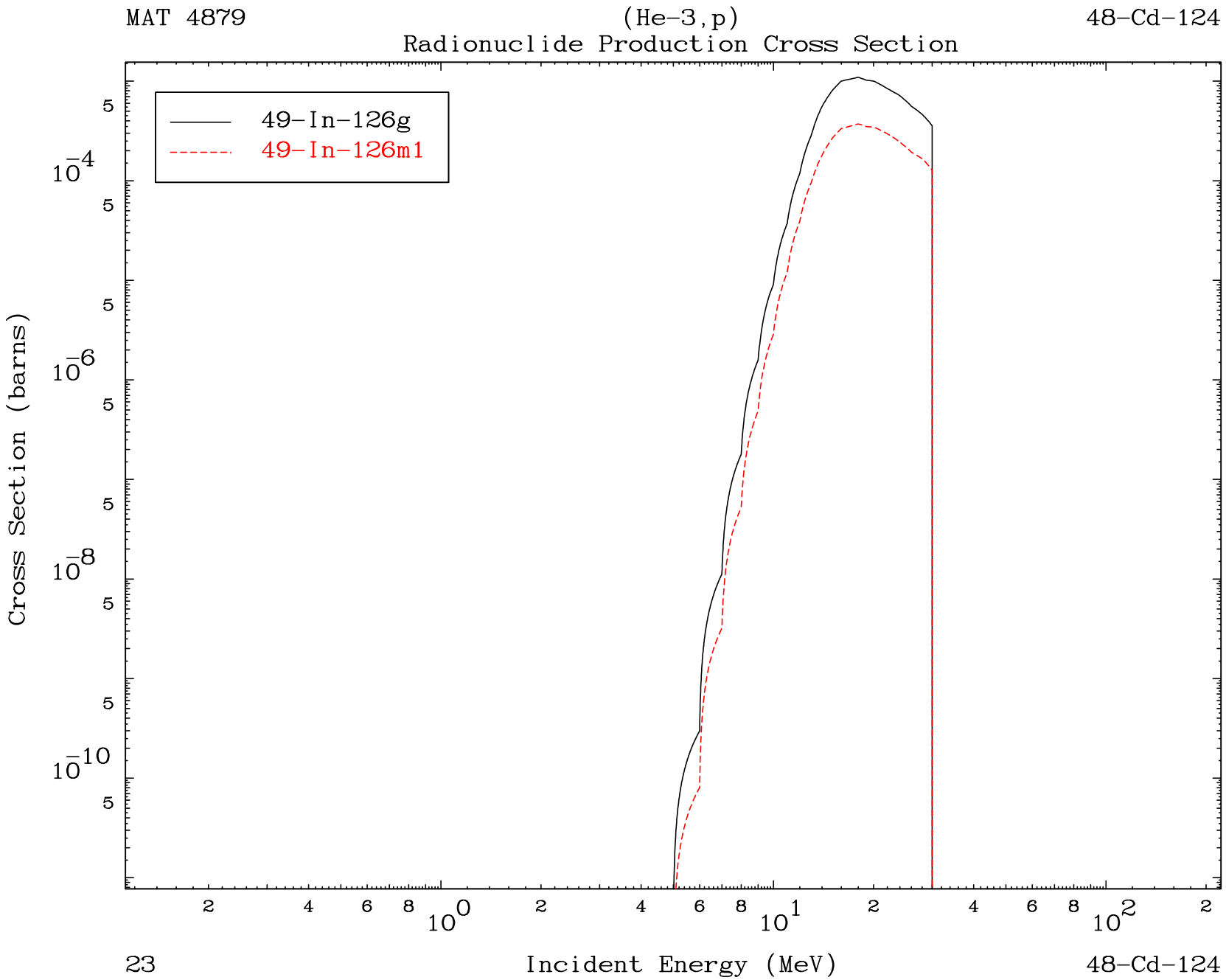

MAT 4879
(He-3,n') He-3
48-Cd-124
Radionuclide Production Cross Section
48-Cd-123g
48-Cd-123m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
18
48-Cd-124

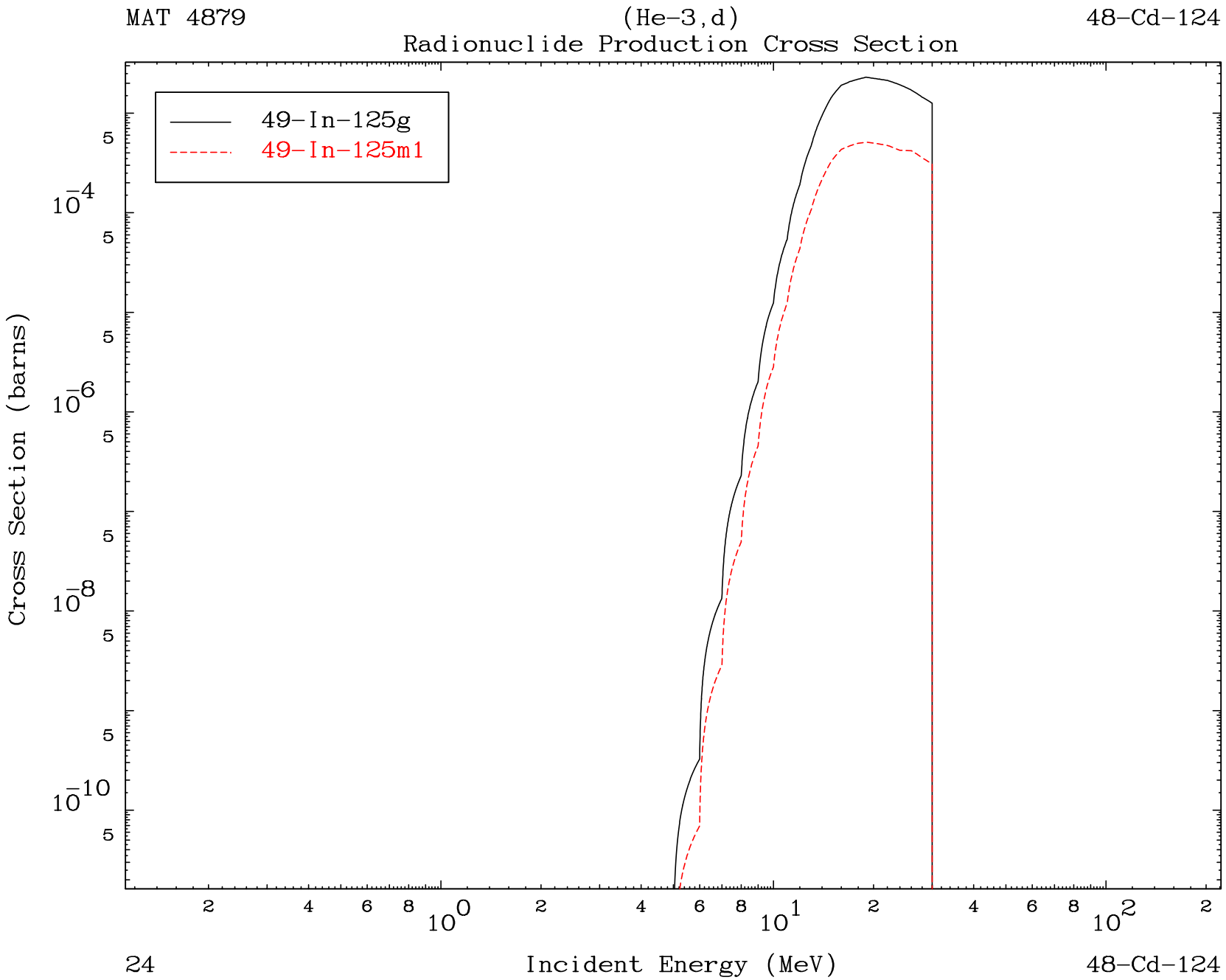

MAT 4879
(He-3,4n)
48-Cd-124
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
19
48-Cd-124

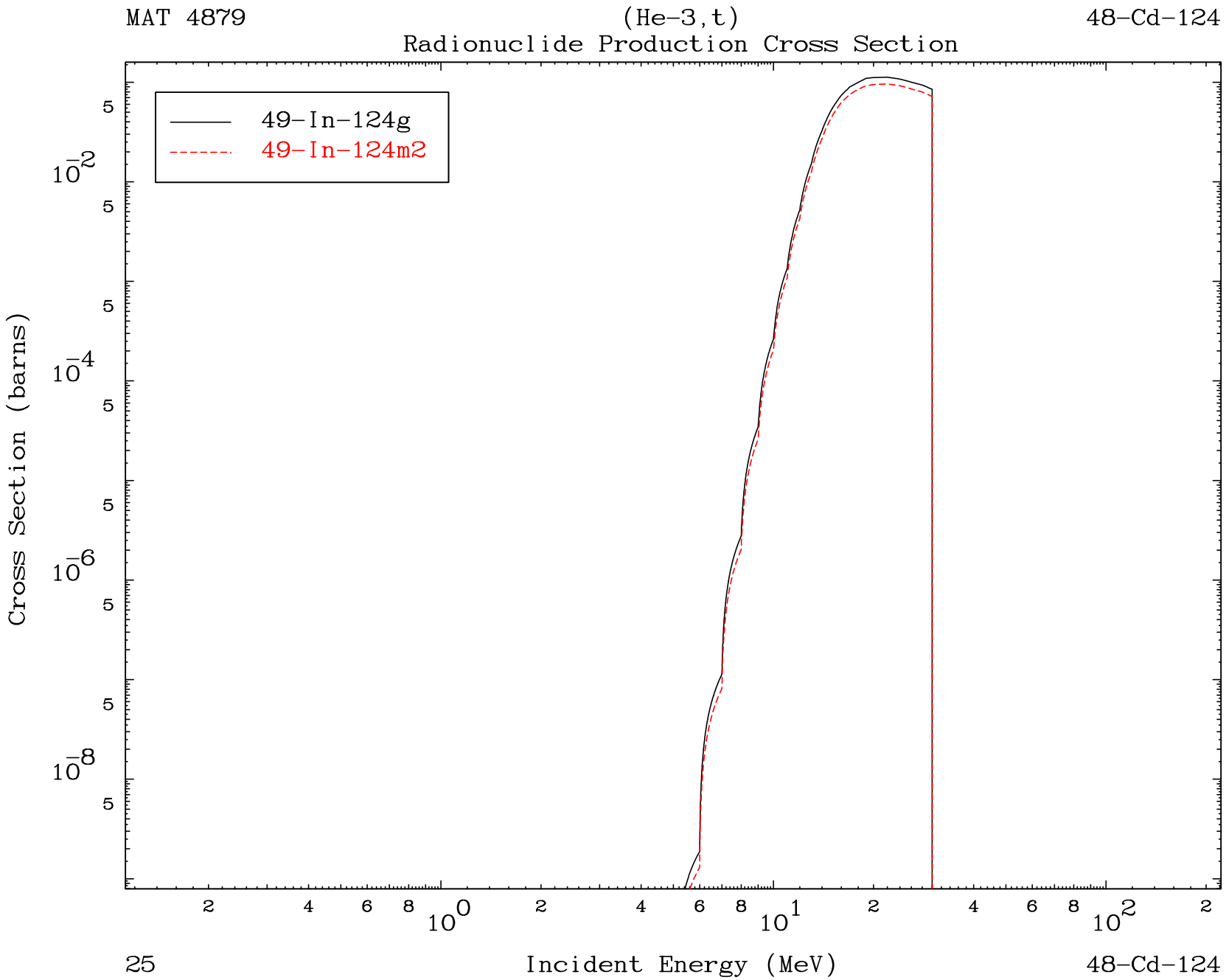

MAT 4879
(He-3,2n) p
48-Cd-124
Radionuclide Production Cross Section
49-In-124g
49-In-124m2
Cross Section (barns)
Incident Energy (MeV)
20
48-Cd-124

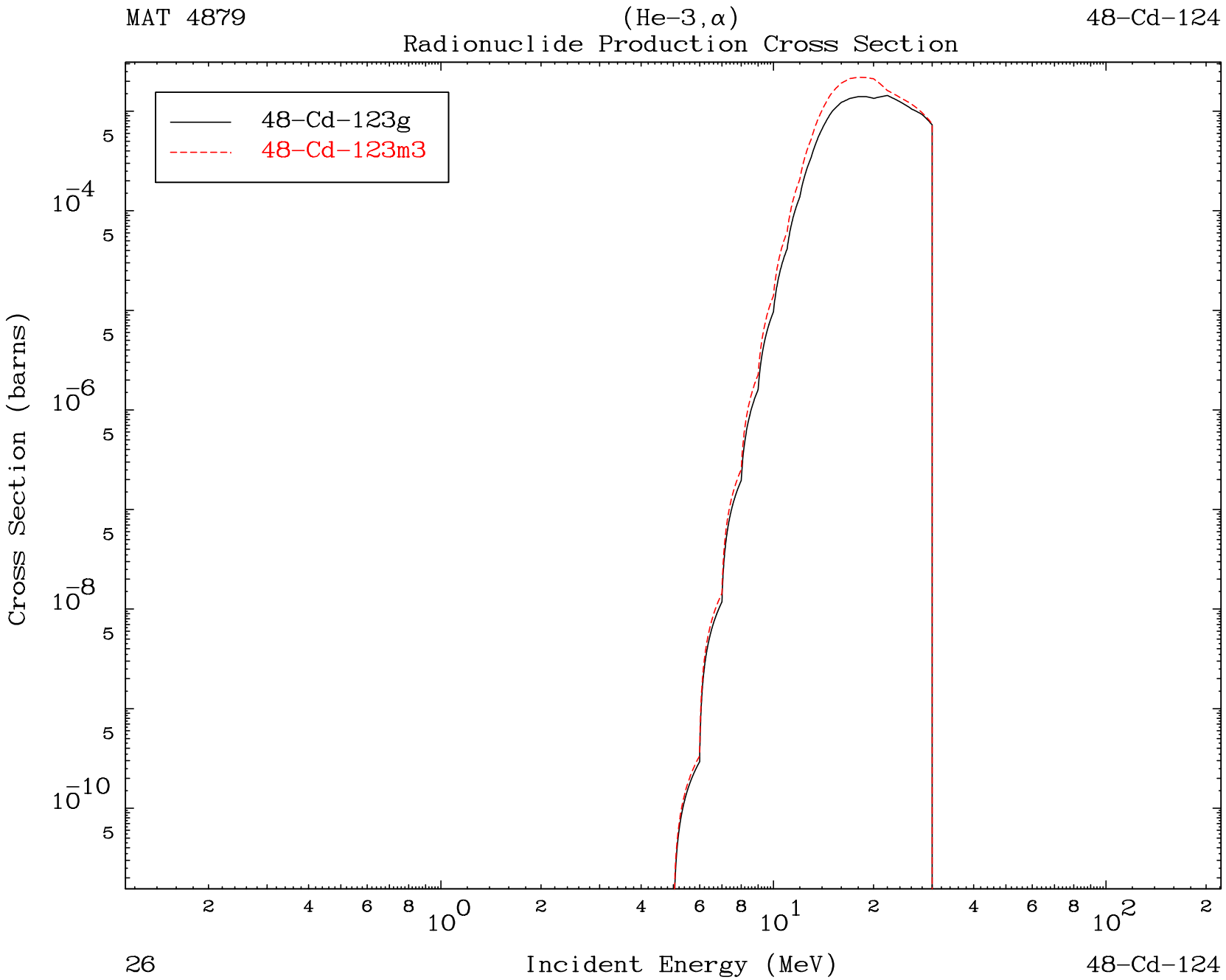

MAT 4879
(He-3,3n) p
48-Cd-124
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
21
48-Cd-124

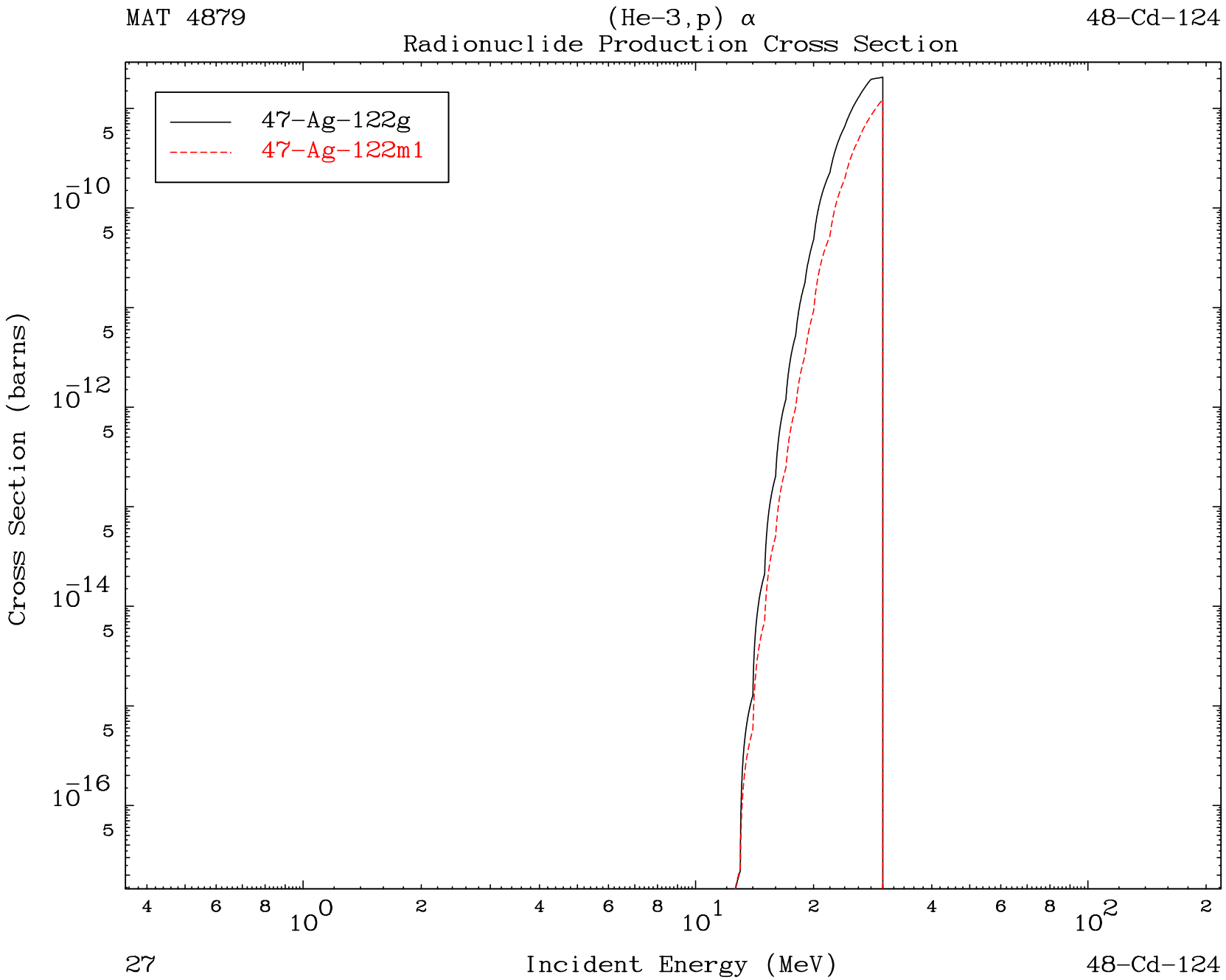

MAT 4879
(He-3,γ)
48-Cd-124
Radionuclide Production Cross Section
50-Sn-127g
50-Sn-127m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
10^0
10^1
10^2
Incident Energy (MeV)
22
48-Cd-124

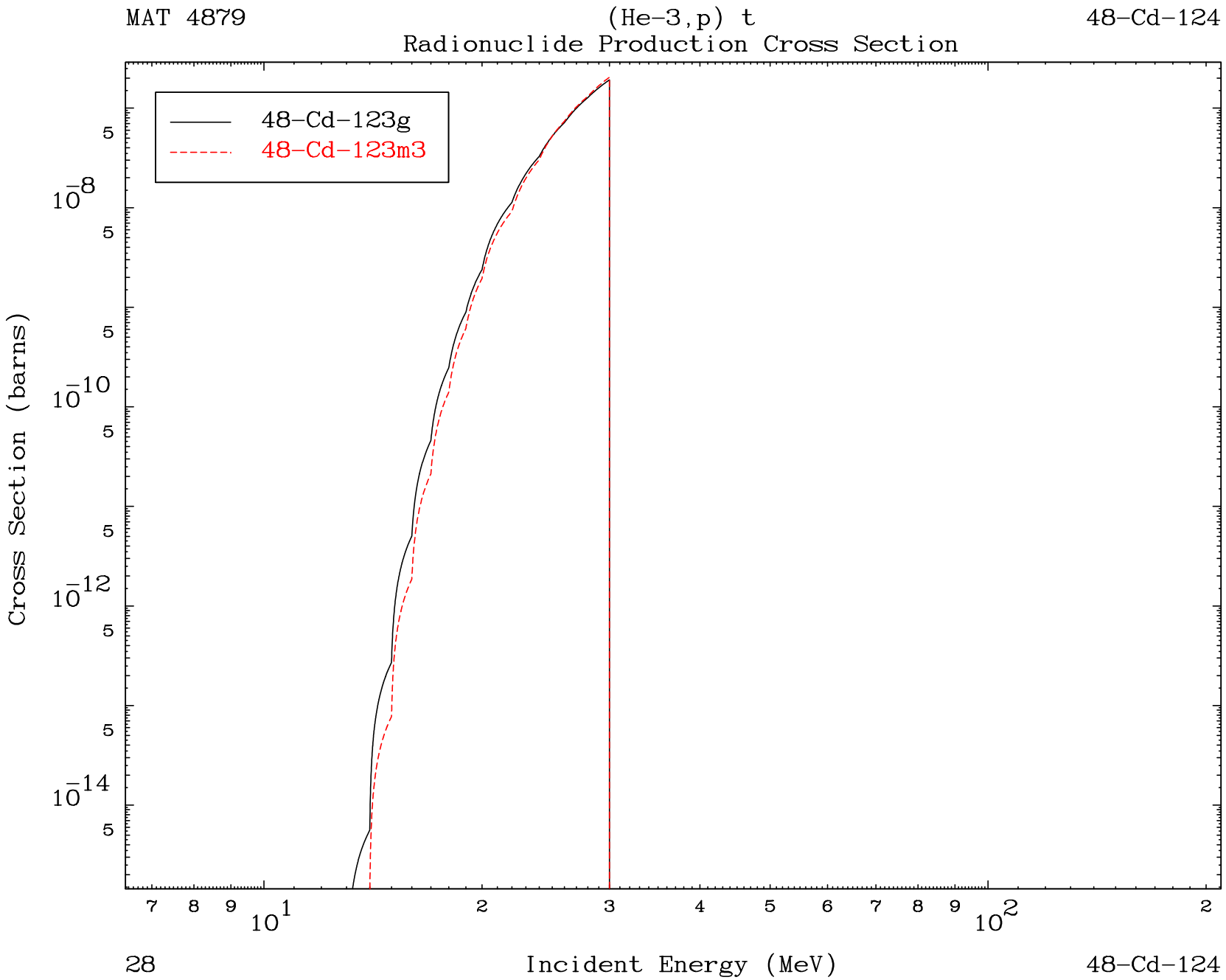

MAT 4879
(He-3,p)
48-Cd-124
Radionuclide Production Cross Section
49-In-126g
49-In-126m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
23
48-Cd-124


MAT 4879
(He-3,d)
48-Cd-124
Radionuclide Production Cross Section
49-In-125g
49-In-125m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
24
48-Cd-124


MAT 4879
(He-3,t)
48-Cd-124
Radionuclide Production Cross Section
49-In-124g
49-In-124m2
Cross Section (barns)
Incident Energy (MeV)
25
48-Cd-124


MAT 4879
(He-3,α)
48-Cd-124
Radionuclide Production Cross Section
48-Cd-123g
48-Cd-123m3
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
26
48-Cd-124


MAT 4879
(He-3,p) α
48-Cd-124
Radionuclide Production Cross Section
47-Ag-122g
47-Ag-122m1
Cross Section (barns)
10-10
10-12
10-14
10-16
100
101
102
Incident Energy (MeV)
27
48-Cd-124


MAT 4879
(He-3,p) t
48-Cd-124
Radionuclide Production Cross Section
48-Cd-123g
48-Cd-123m3
Cross Section (barns)
Incident Energy (MeV)
28
48-Cd-124