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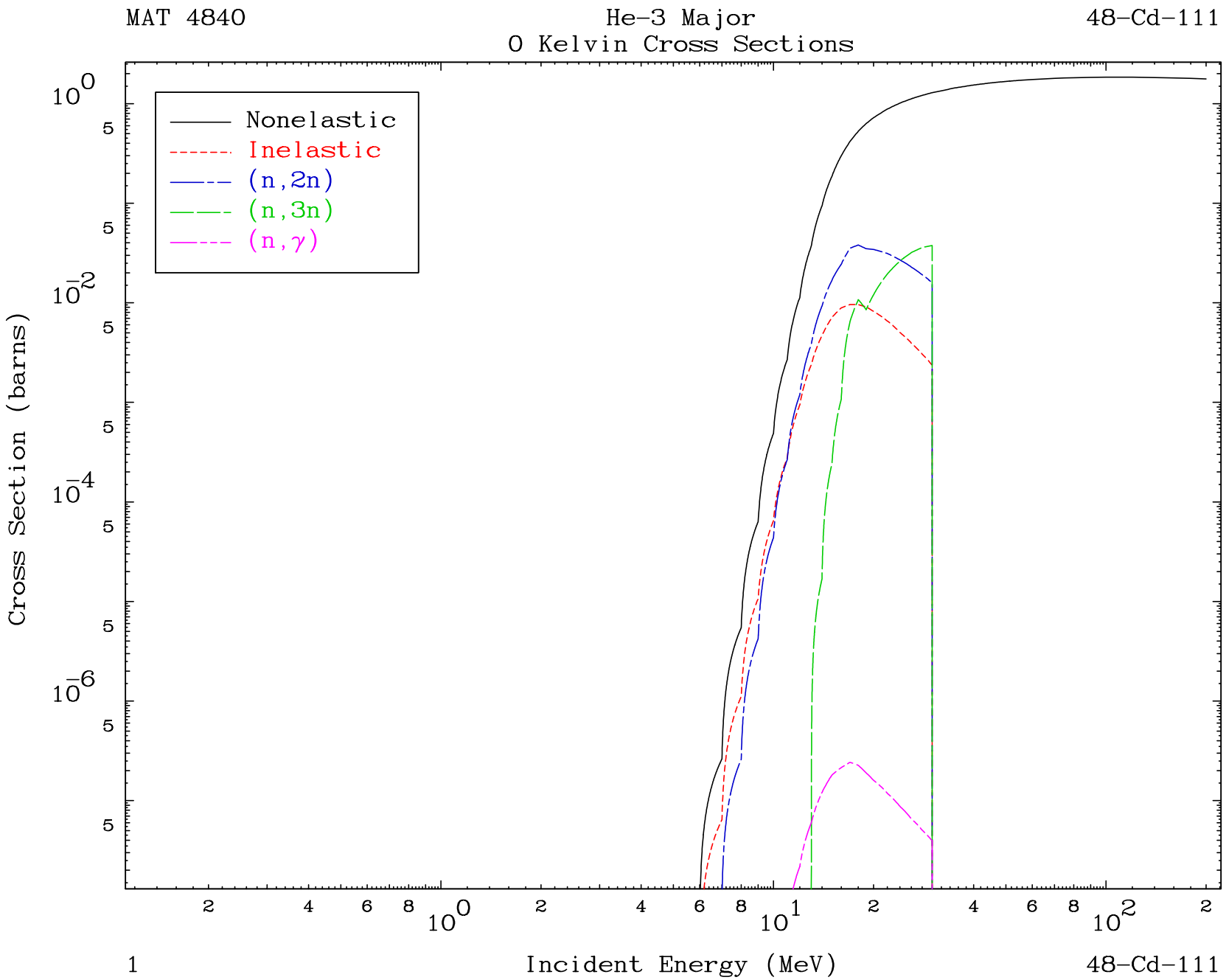
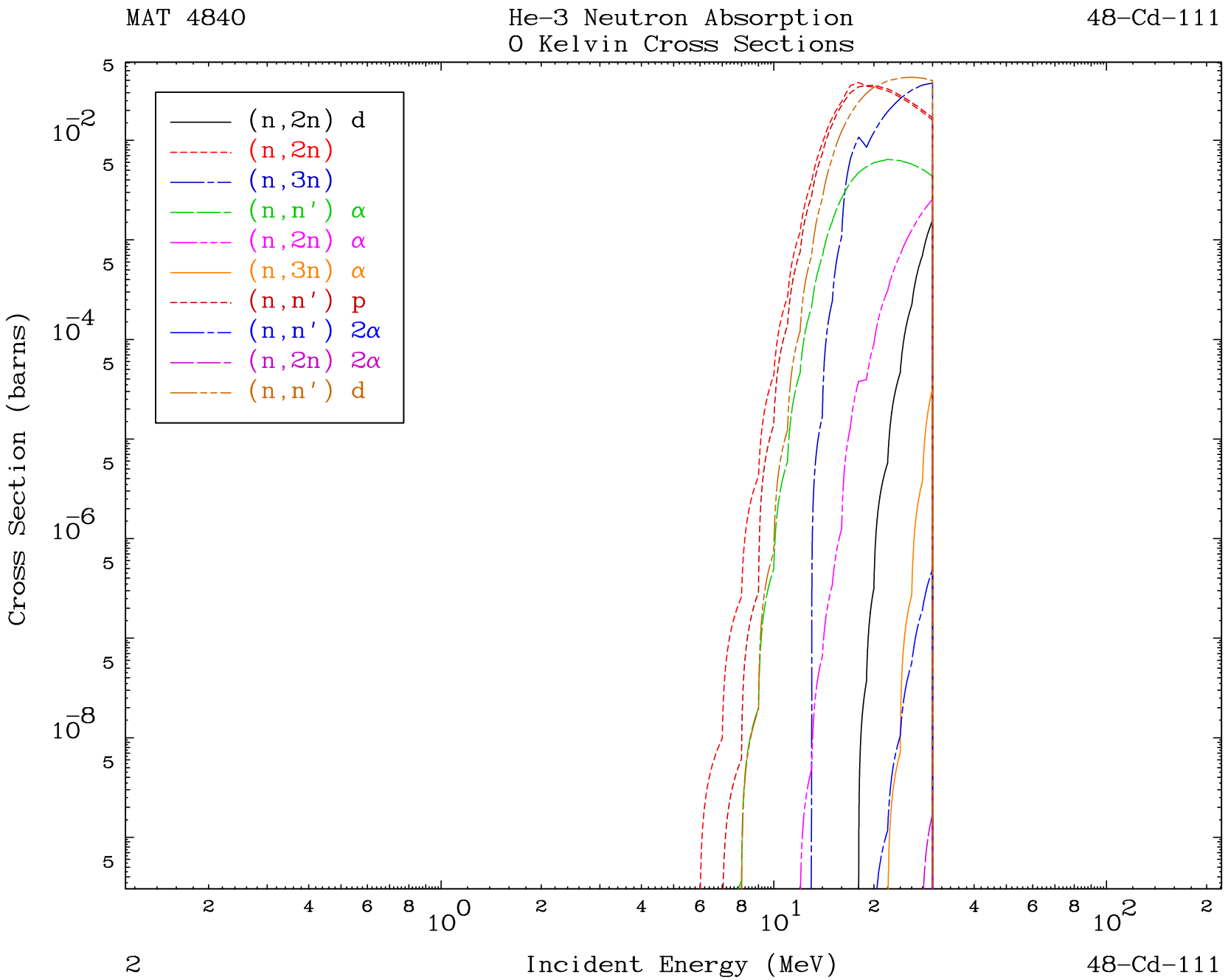
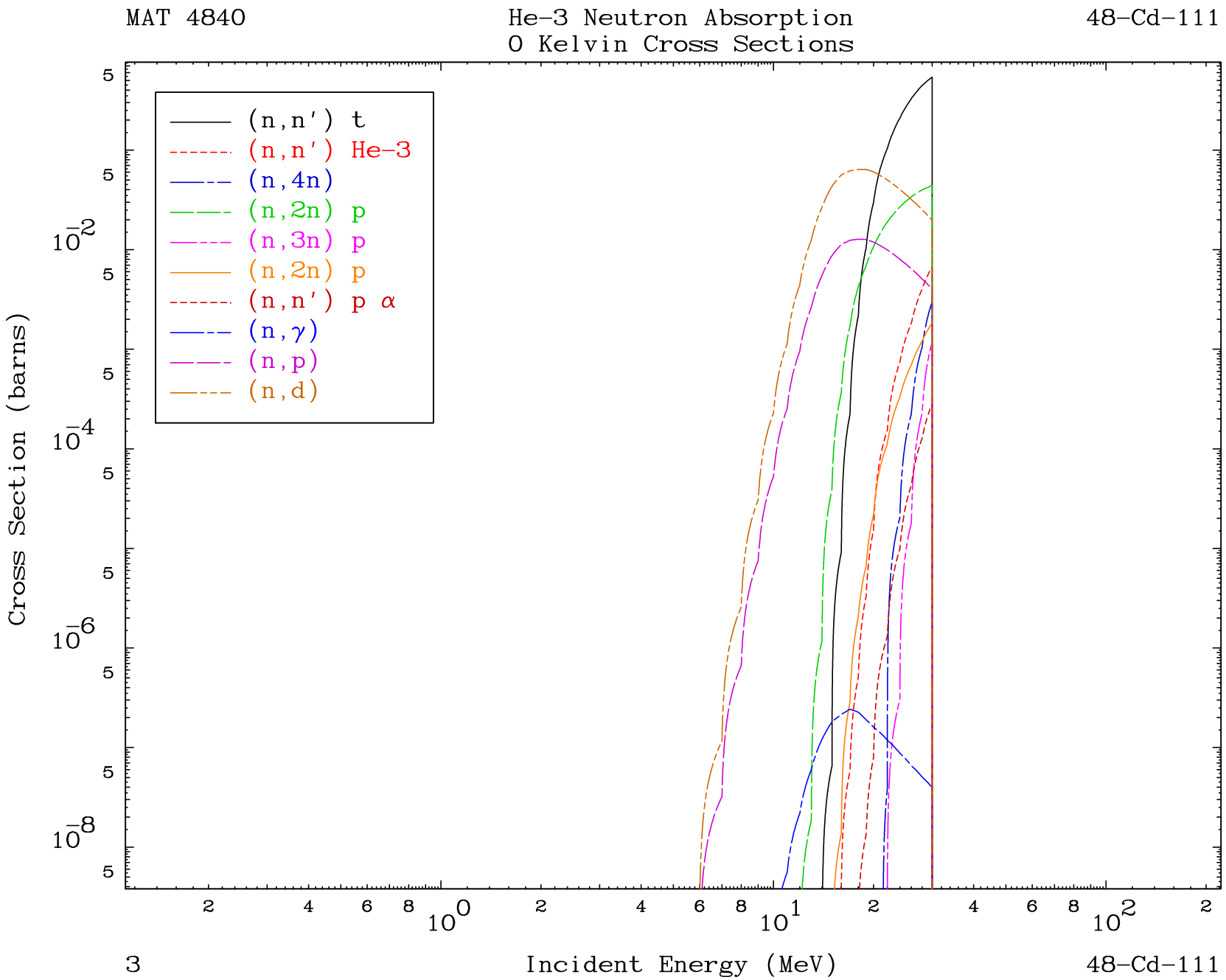
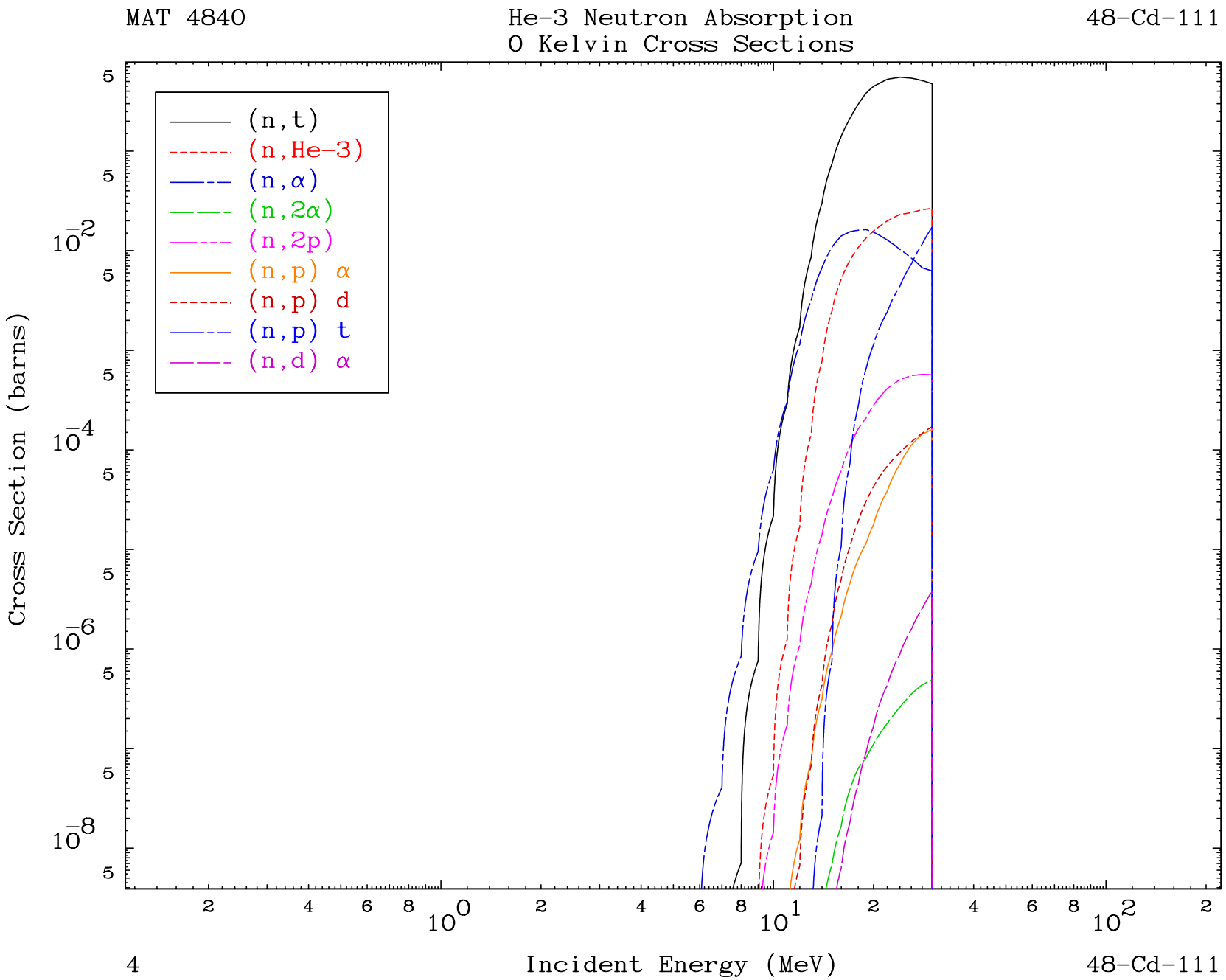
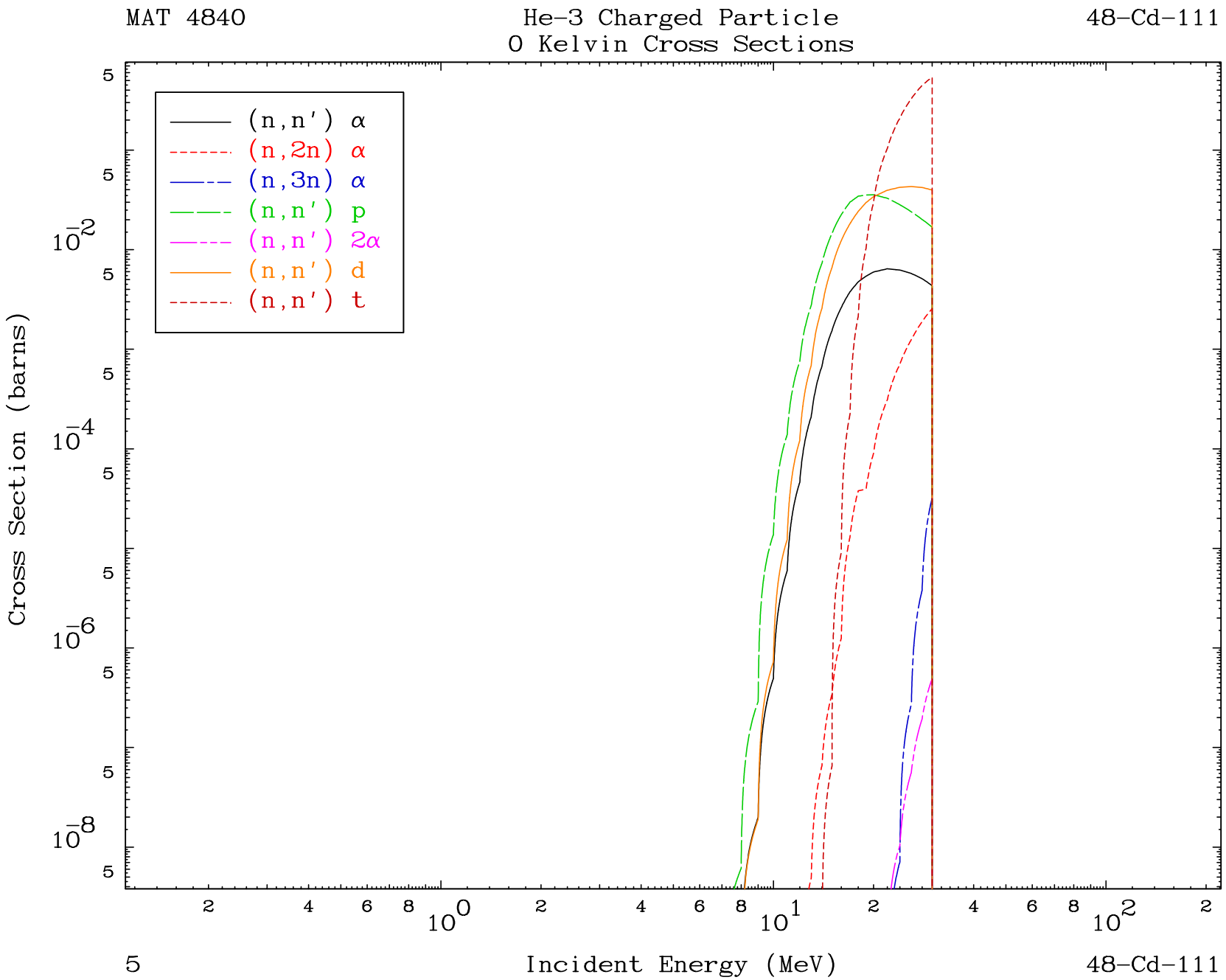
Press Mouse Button to Start

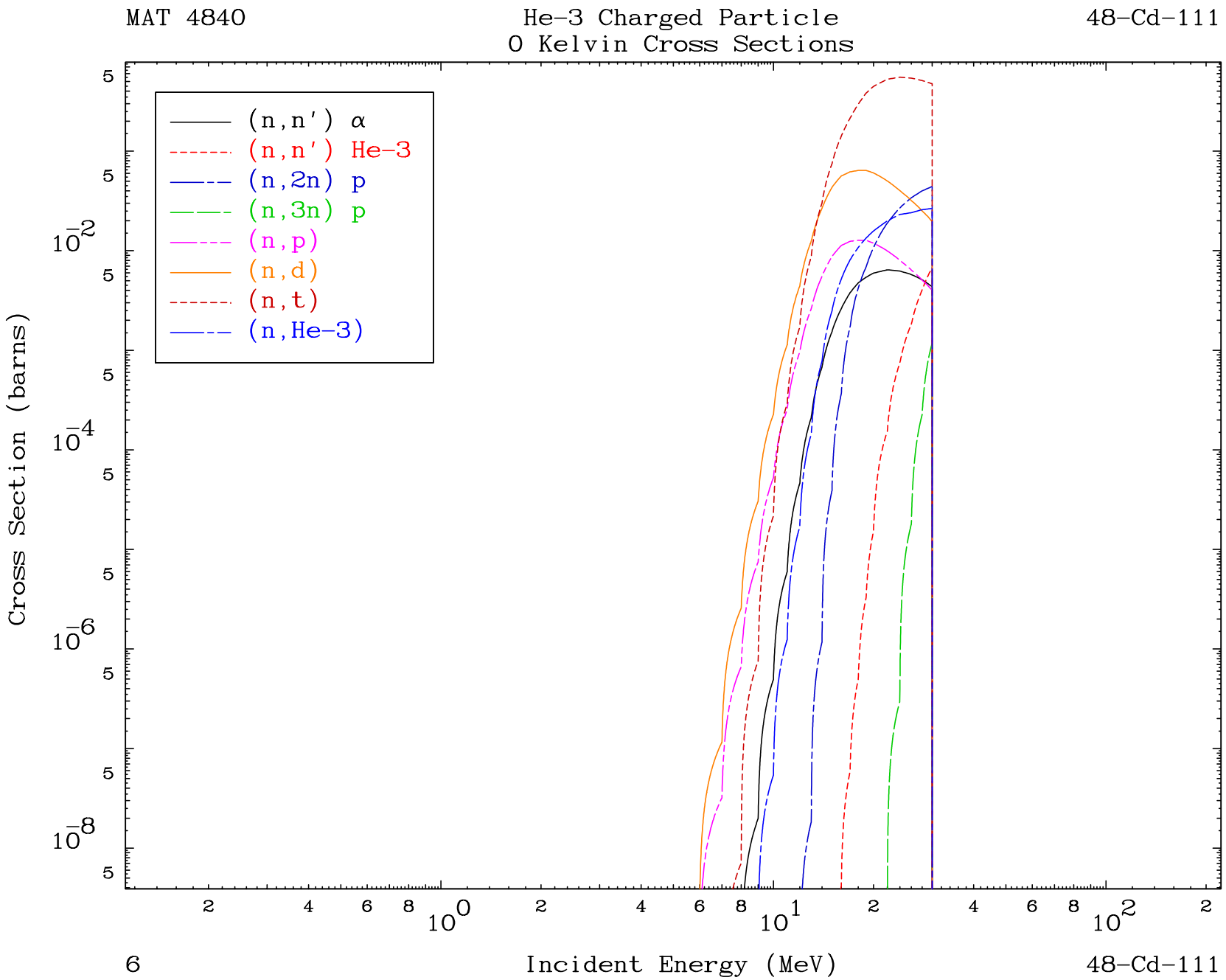

MAT 4840
He-3 Major
48-Cd-111
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111
1

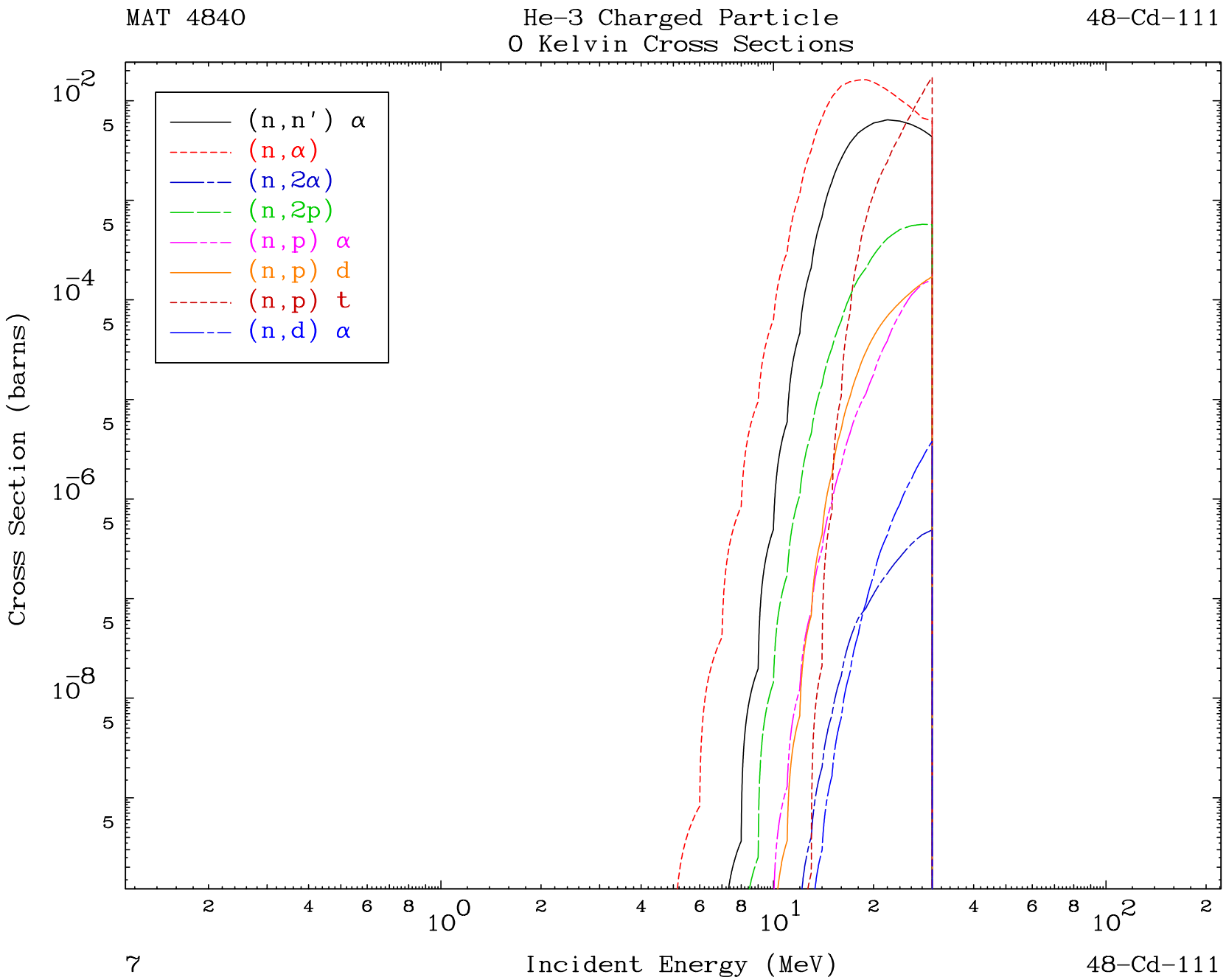

MAT 4840
He-3 Neutron Absorption
0 Kelvin Cross Sections
48-Cd-111
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111
2

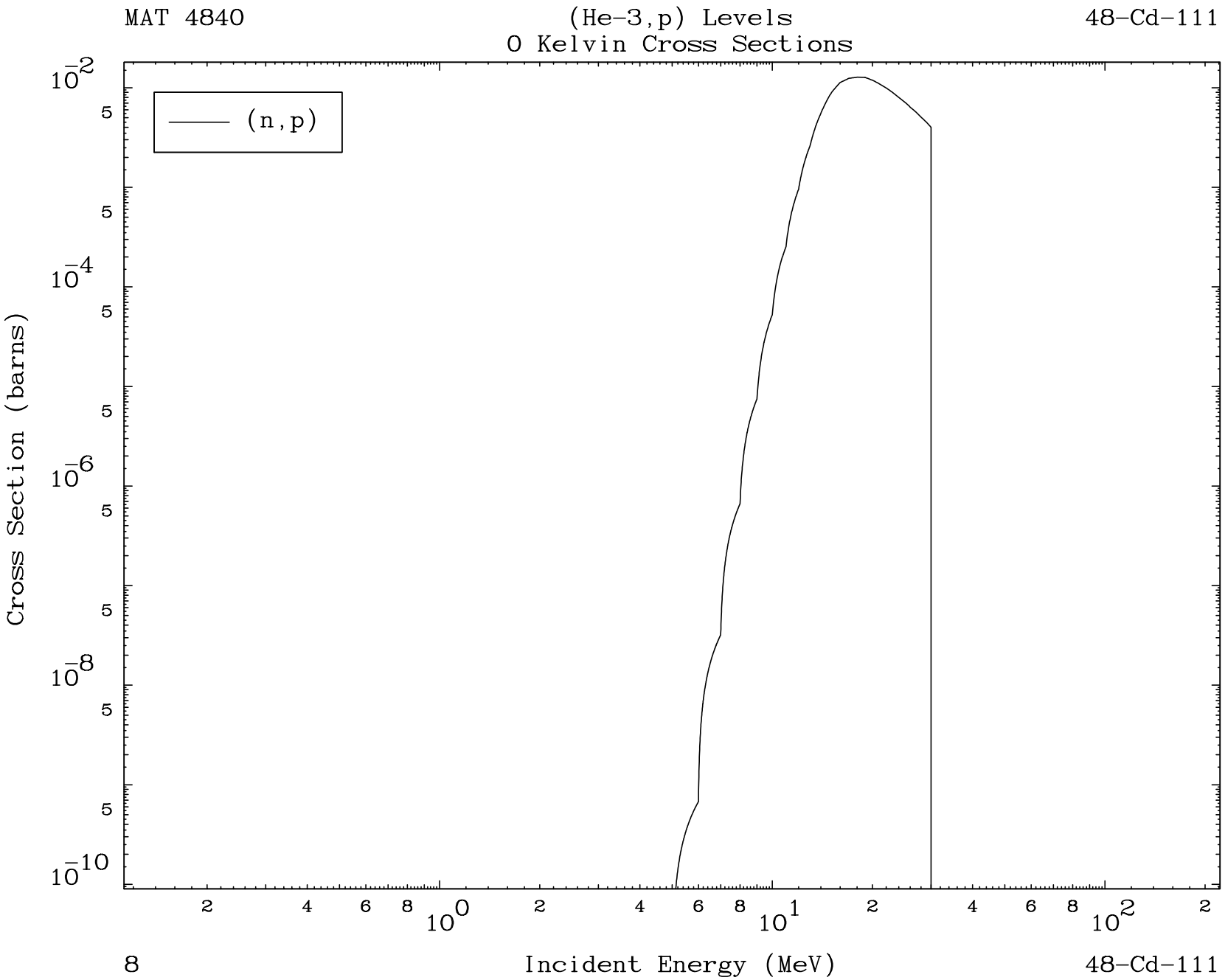

MAT 4840
He-3 Neutron Absorption
0 Kelvin Cross Sections
48-Cd-111
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
48-Cd-111

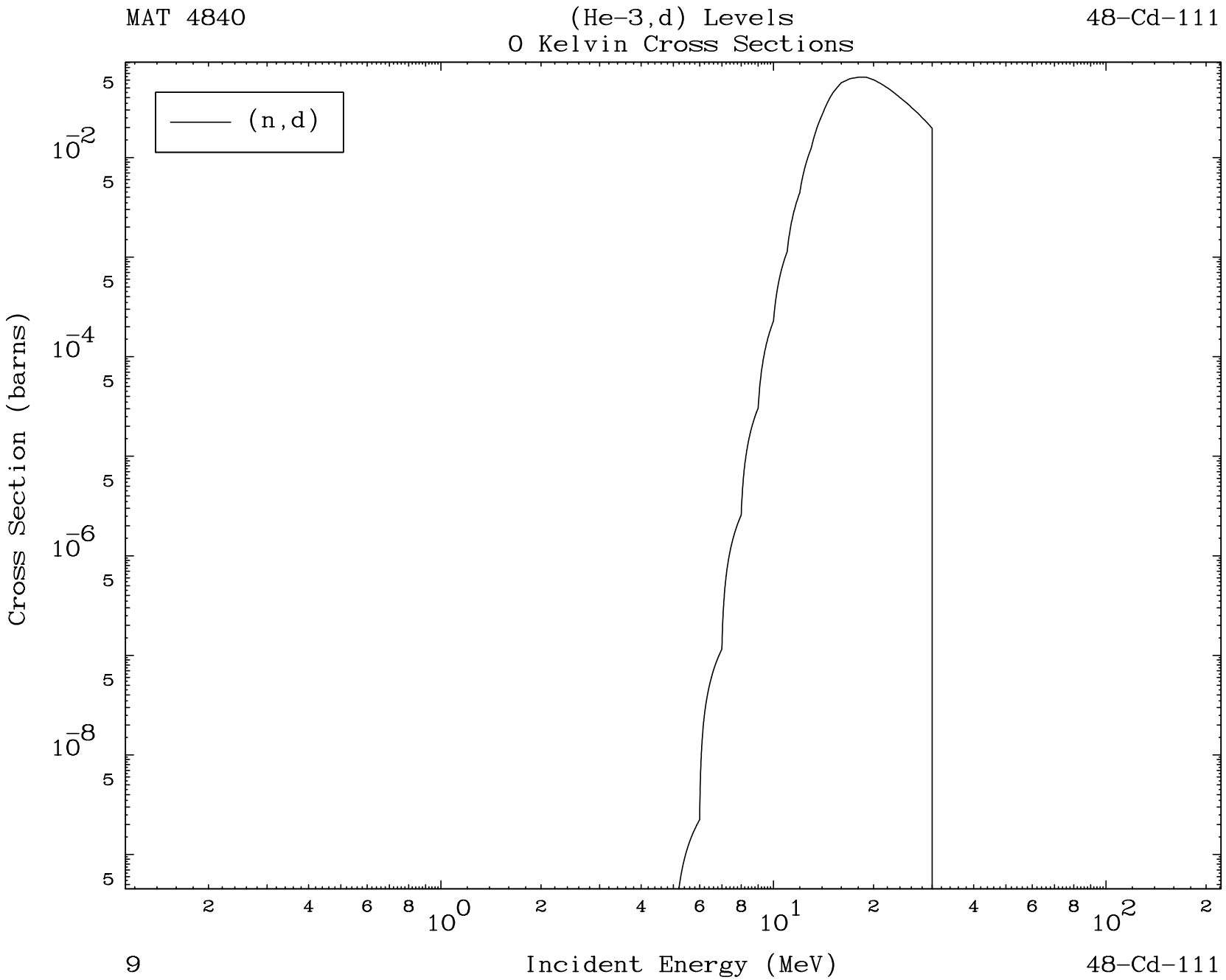

MAT 4840
He-3 Neutron Absorption
0 Kelvin Cross Sections
48-Cd-111
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111
4

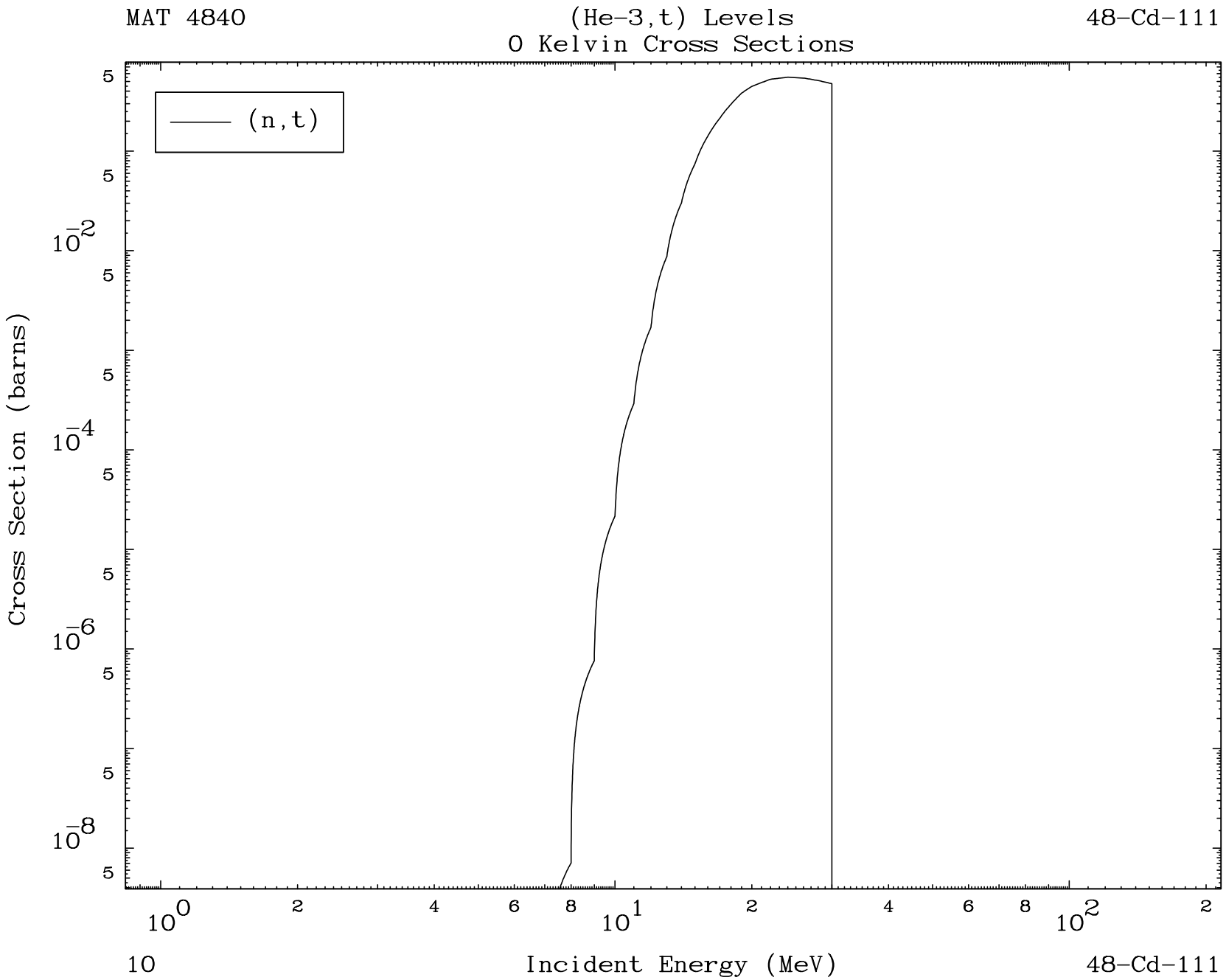

MAT 4840
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-111
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111

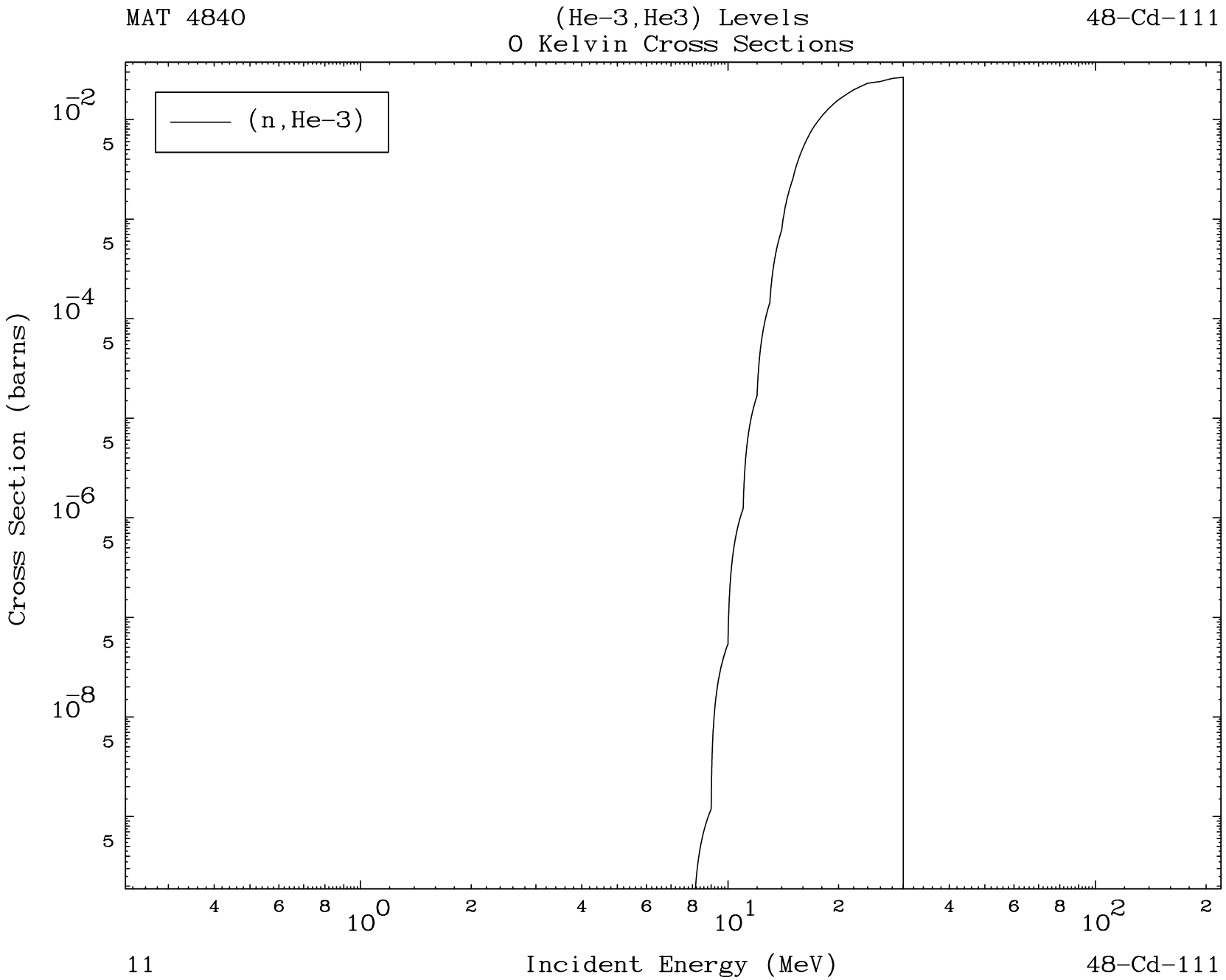

MAT 4840
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-111
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111
6

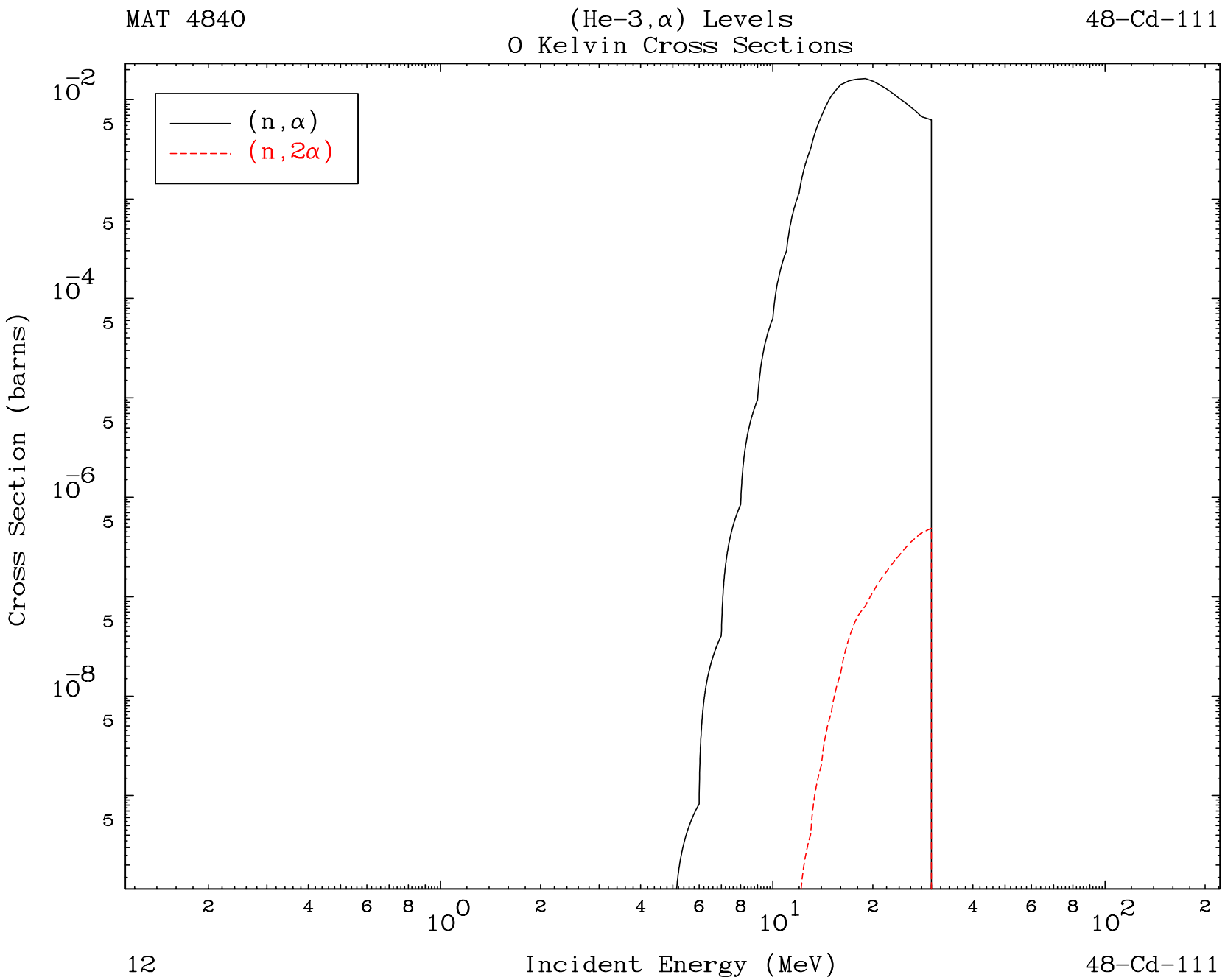

MAT 4840
He-3 Charged Particle
0 Kelvin Cross Sections
48-Cd-111
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111
7

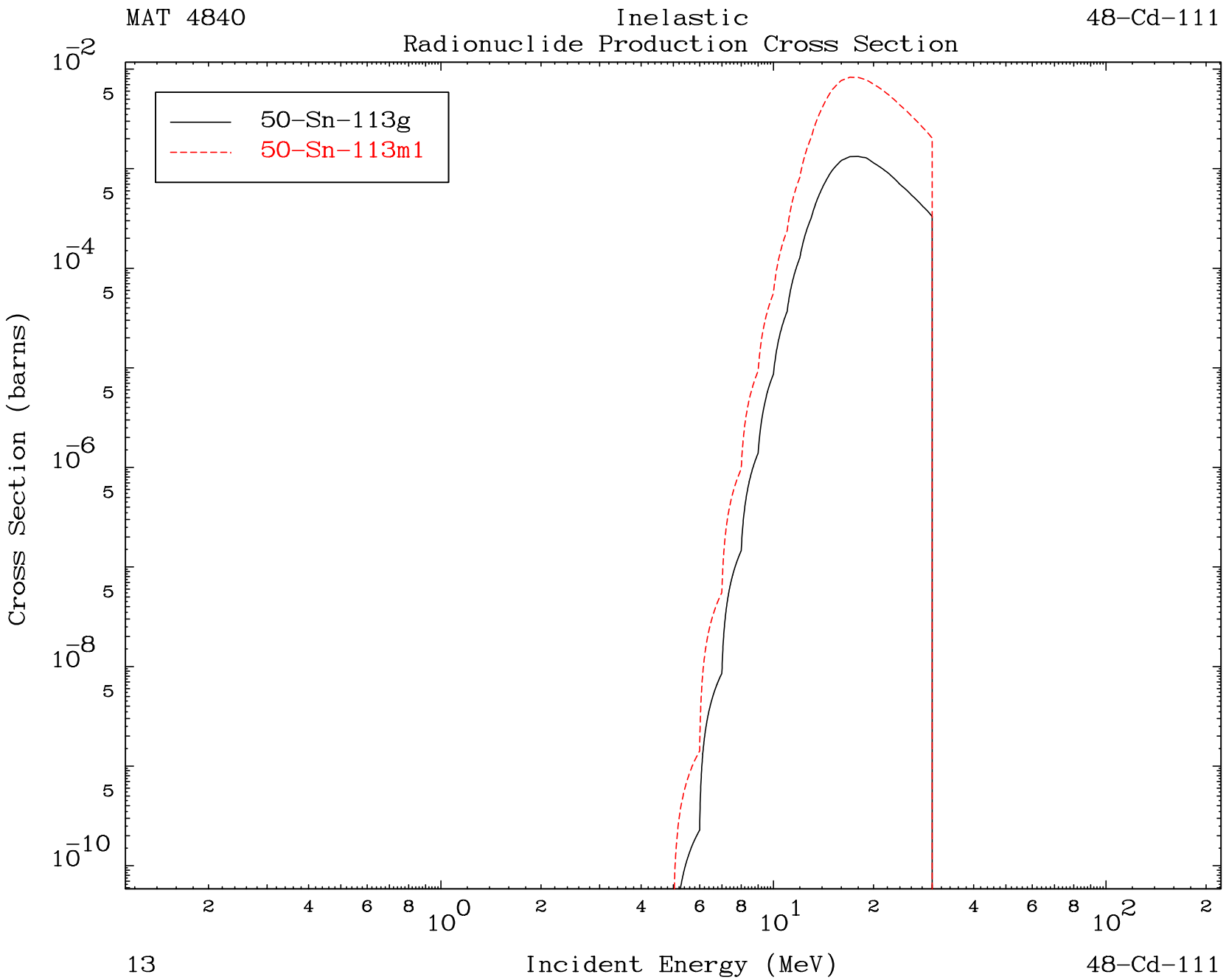

MAT 4840
(He-3,p) Levels
48-Cd-111
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
48-Cd-111

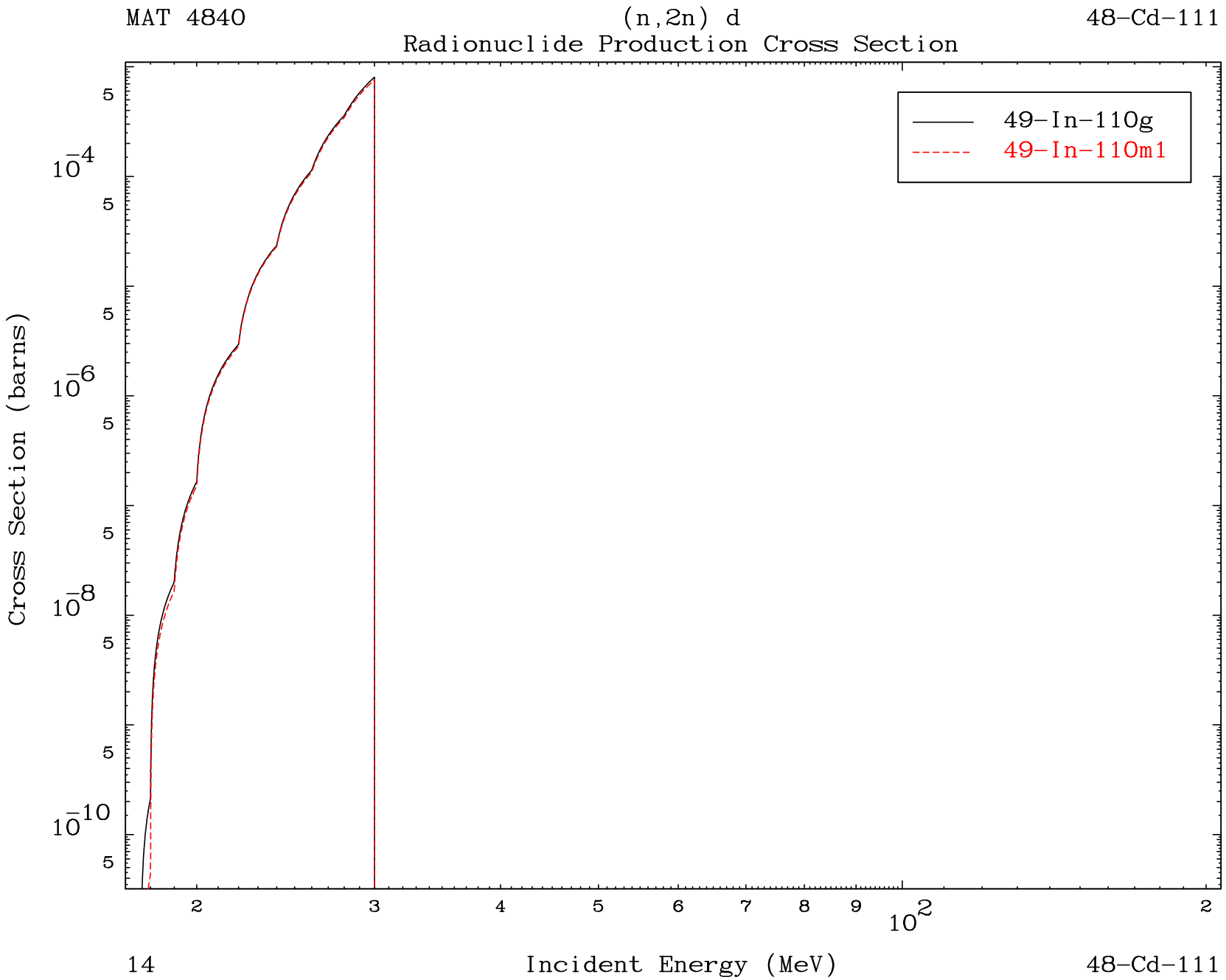

MAT 4840
(He-3,d) Levels
48-Cd-111
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
48-Cd-111

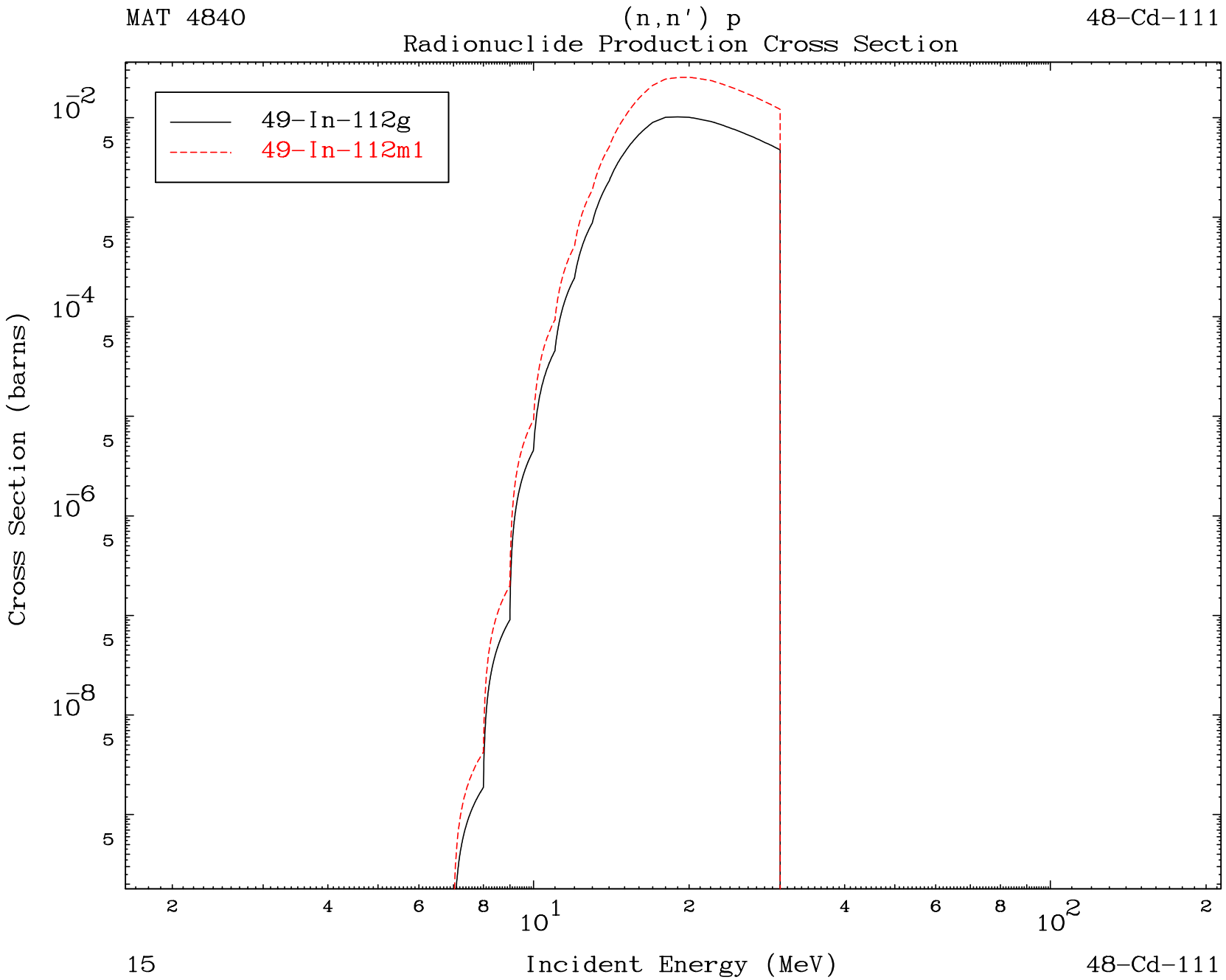

MAT 4840
(He-3,t) Levels
48-Cd-111
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
48-Cd-111

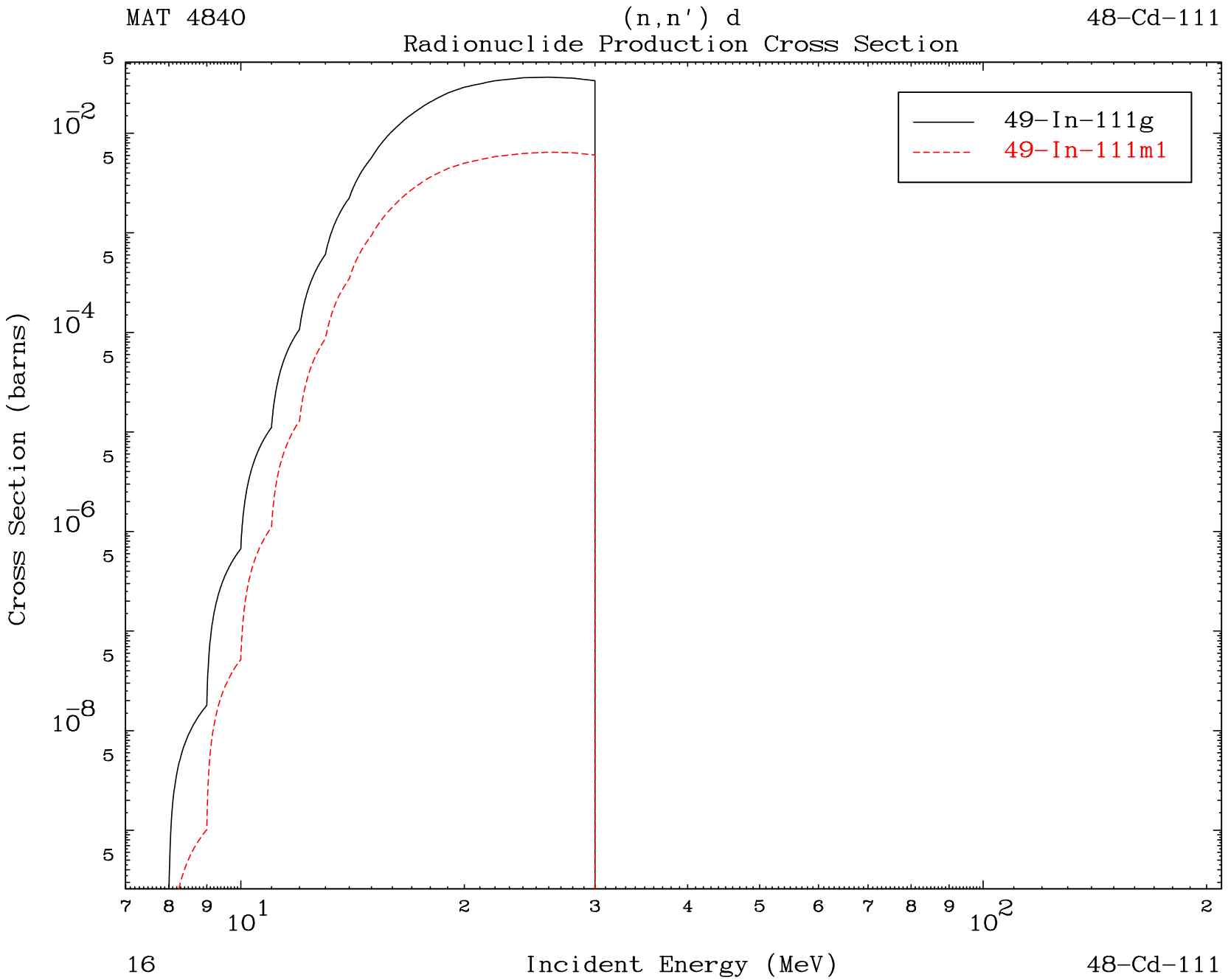

MAT 4840
(He-3,He3) Levels
48-Cd-111
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)
11
48-Cd-111

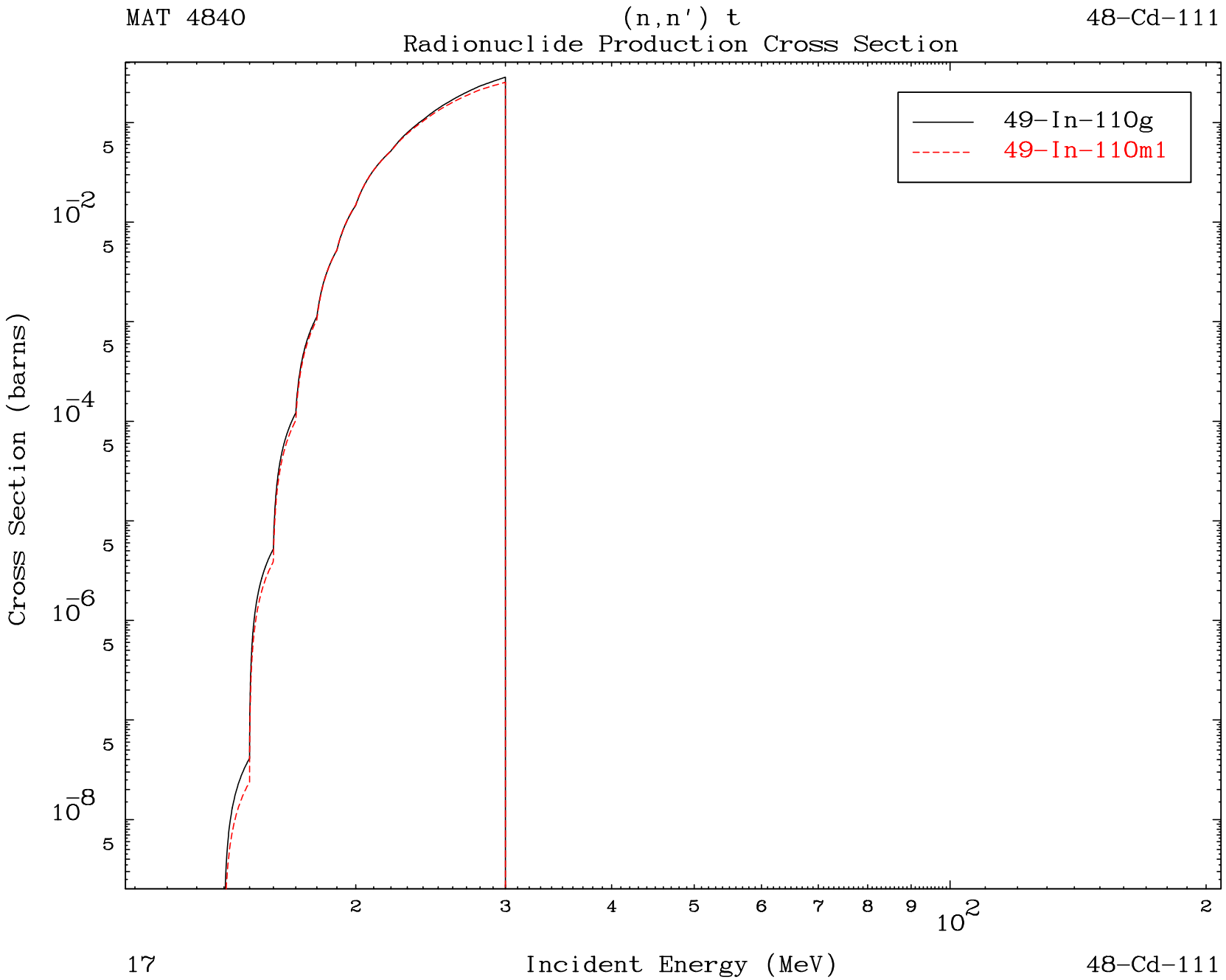

MAT 4840
(He-3,α) Levels
48-Cd-111
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
12
48-Cd-111

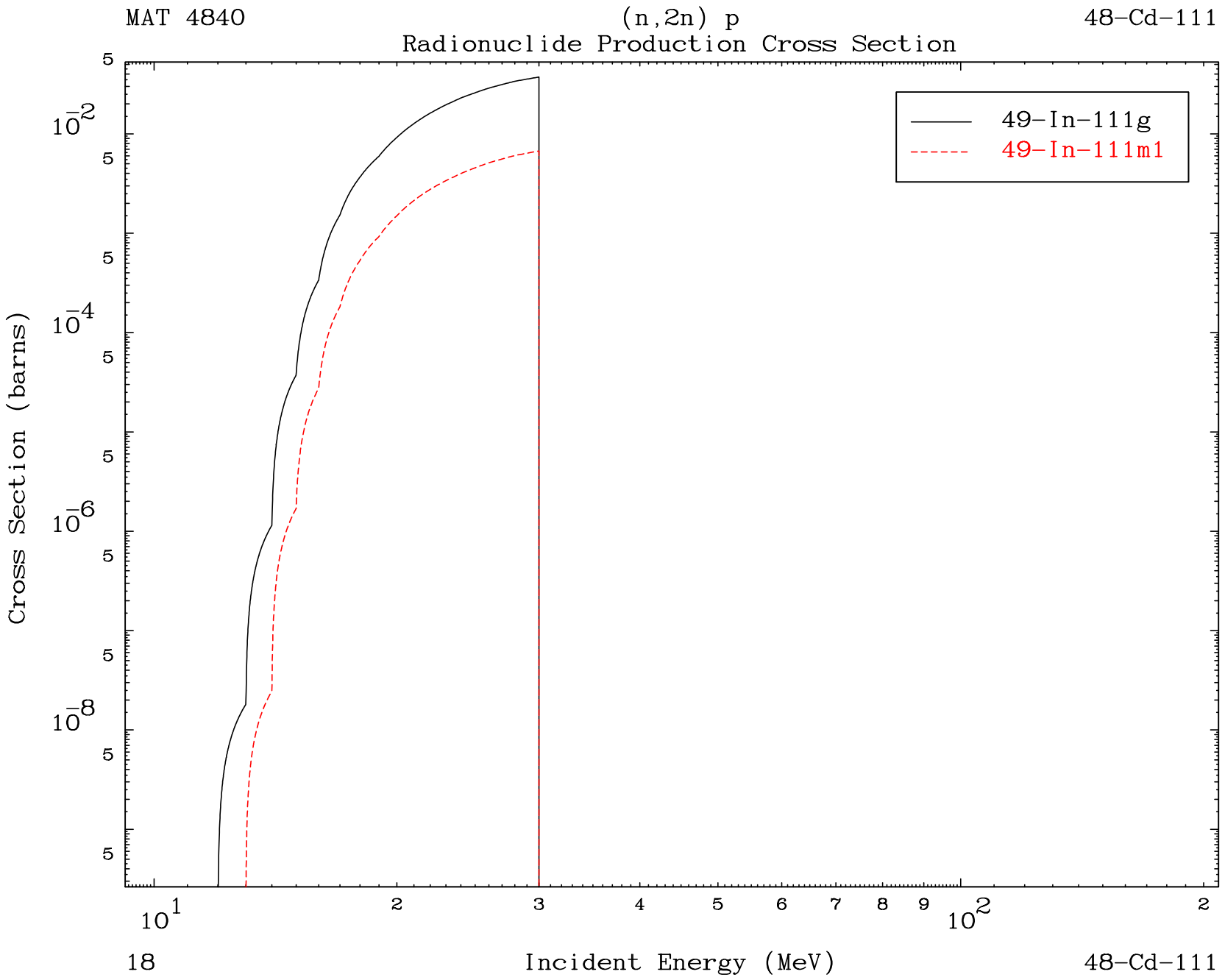

MAT 4840
Inelastic
48-Cd-111
Radionuclide Production Cross Section
50-Sn-113g
50-Sn-113m1
Cross Section (barns)
Incident Energy (MeV)
13
48-Cd-111

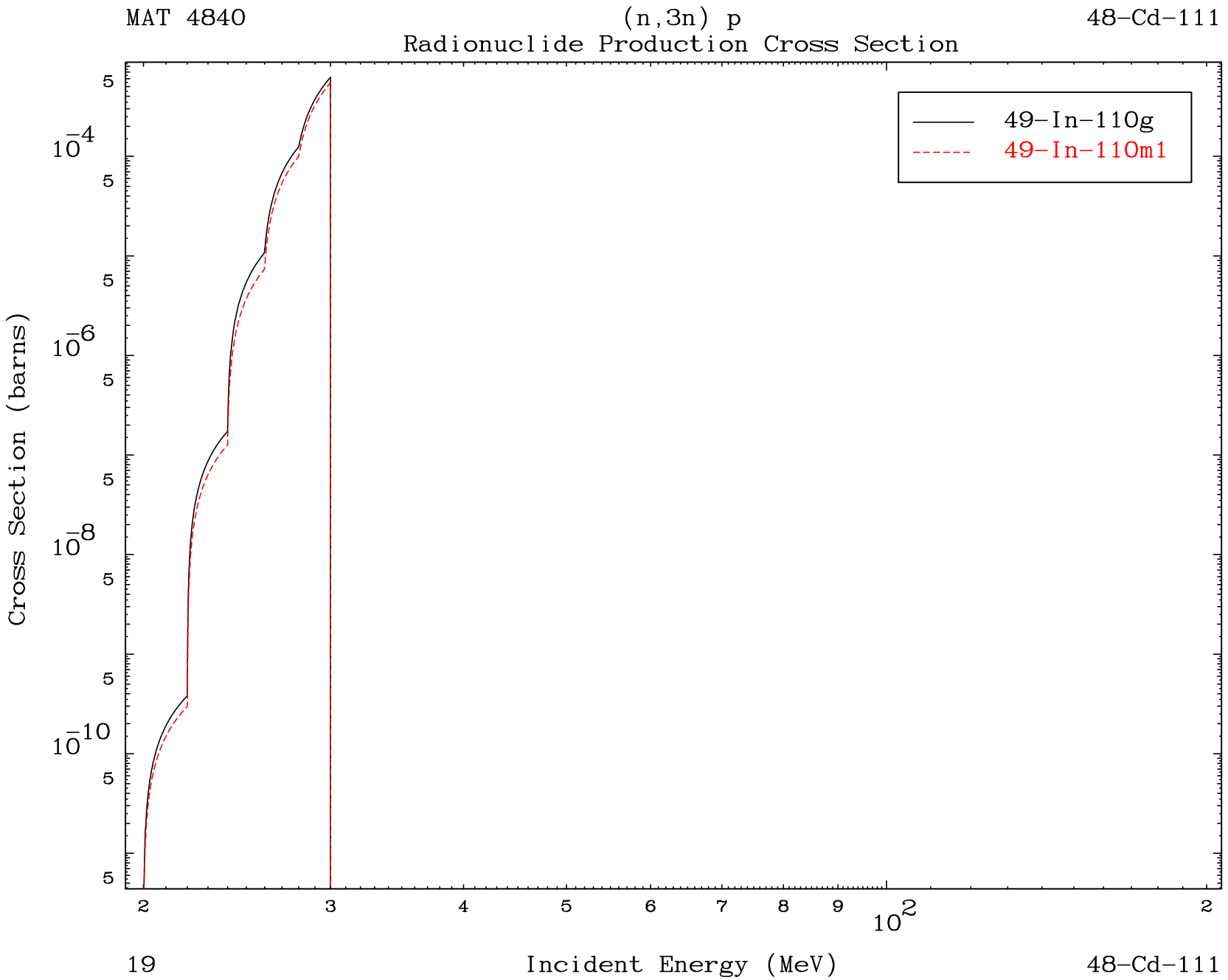

MAT 4840
(n,2n) d
48-Cd-111
Radionuclide Production Cross Section
49-In-110g
49-In-110m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
48-Cd-111

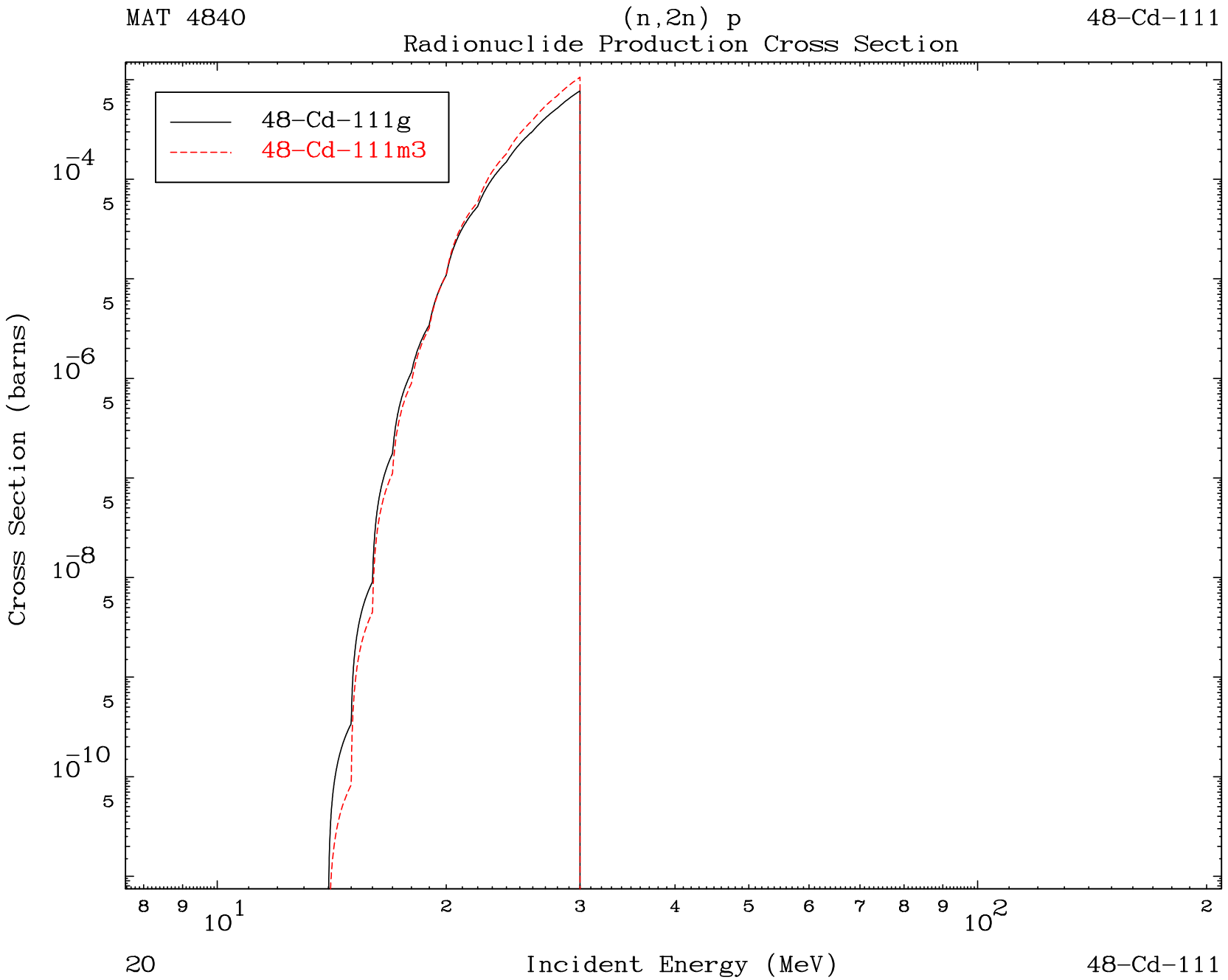

MAT 4840
(n,n') p
48-Cd-111
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
Incident Energy (MeV)
15
48-Cd-111

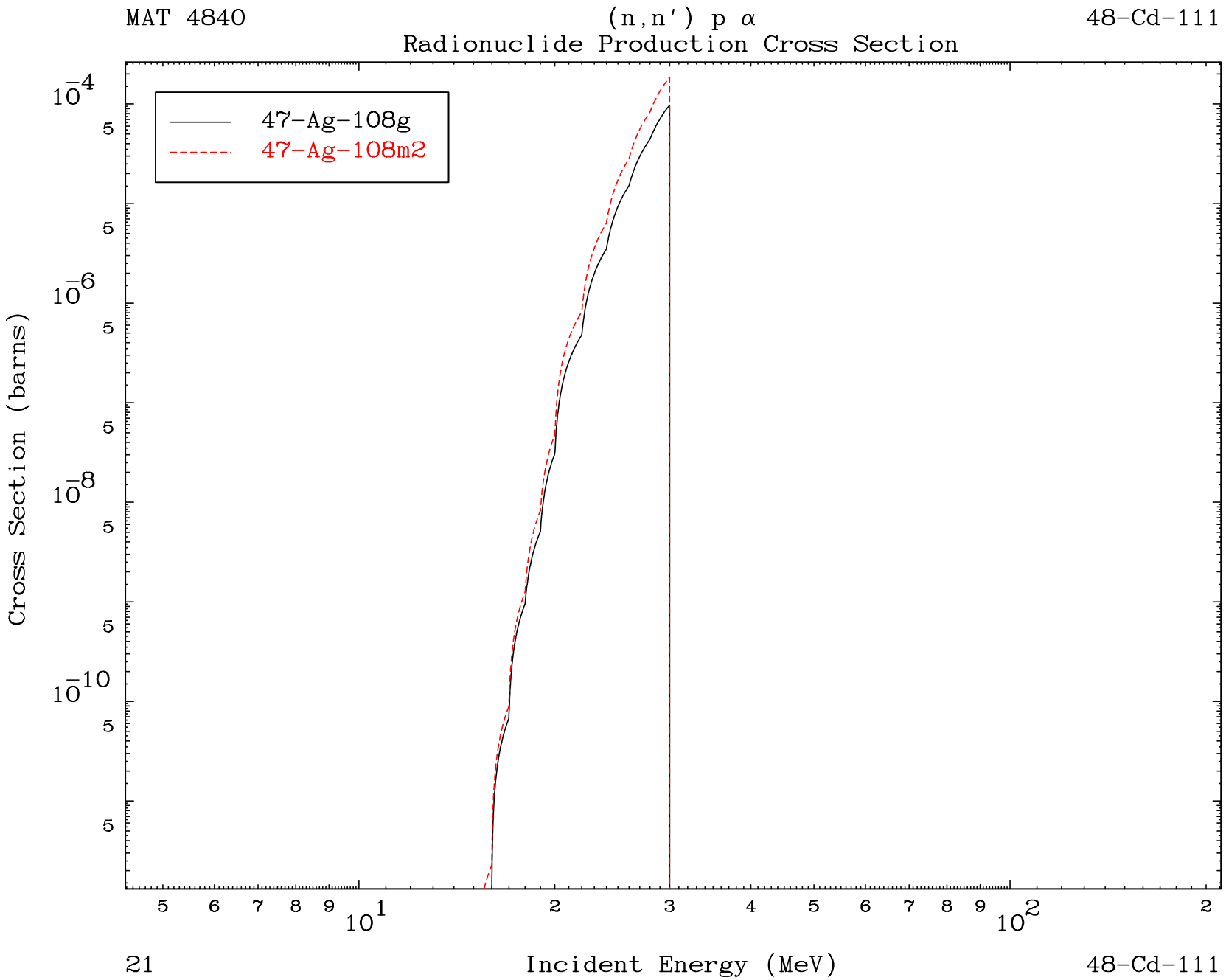

MAT 4840
(n,n') d
48-Cd-111
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
Incident Energy (MeV)
16
48-Cd-111

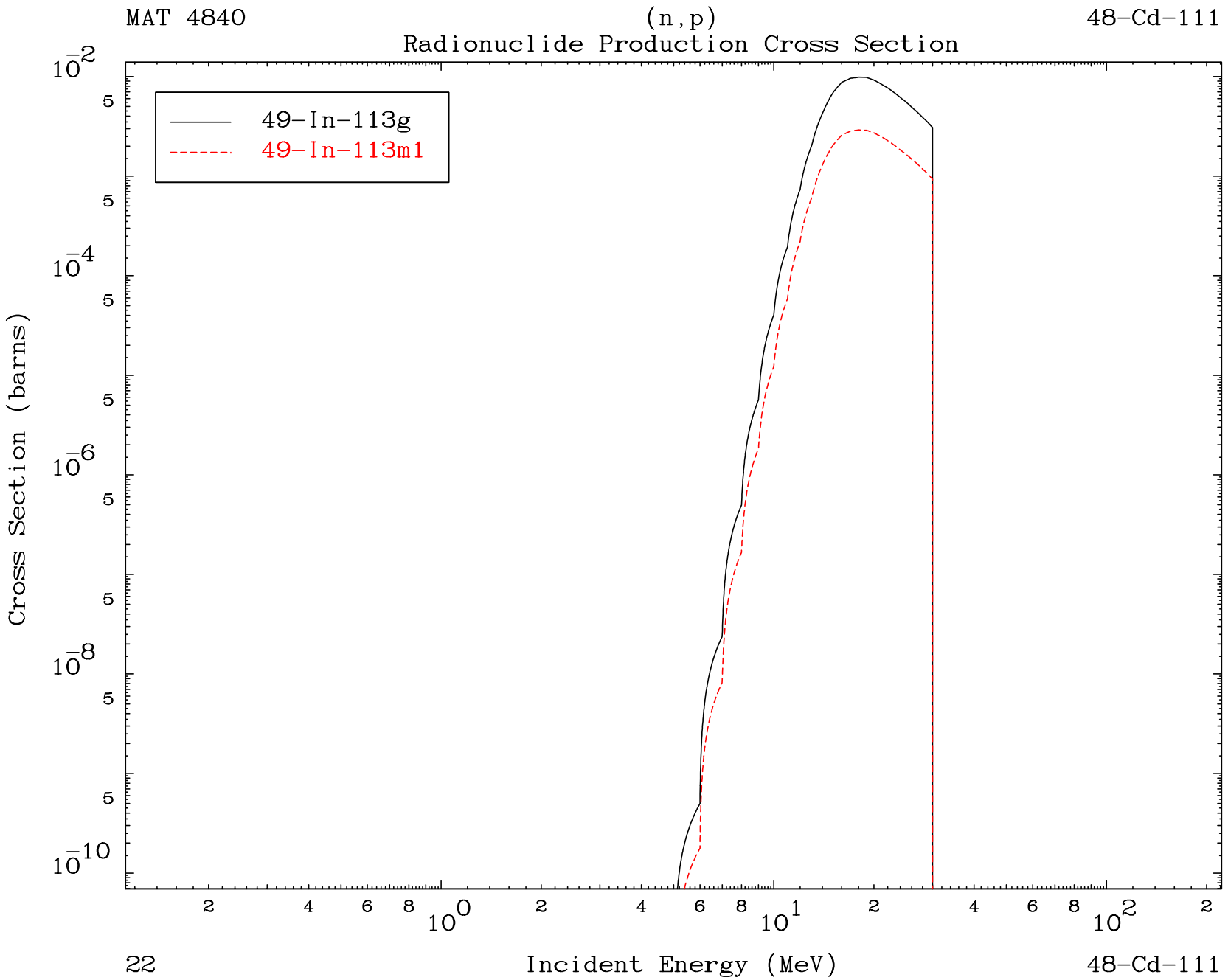

MAT 4840
(n,n') t
48-Cd-111
Radionuclide Production Cross Section
49-In-110g
49-In-110m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
48-Cd-111

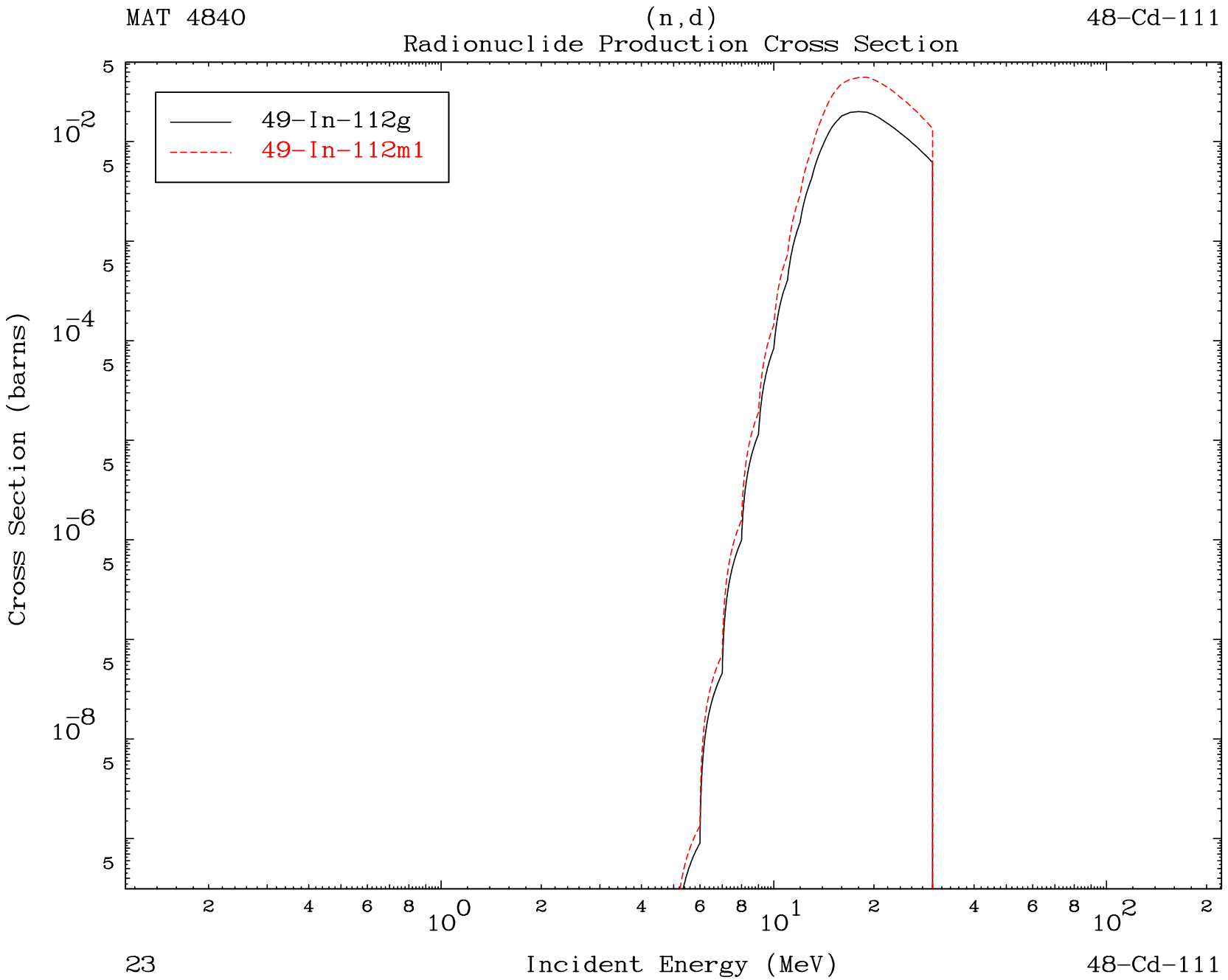

MAT 4840
(n,2n) p
48-Cd-111
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
Incident Energy (MeV)
18
48-Cd-111

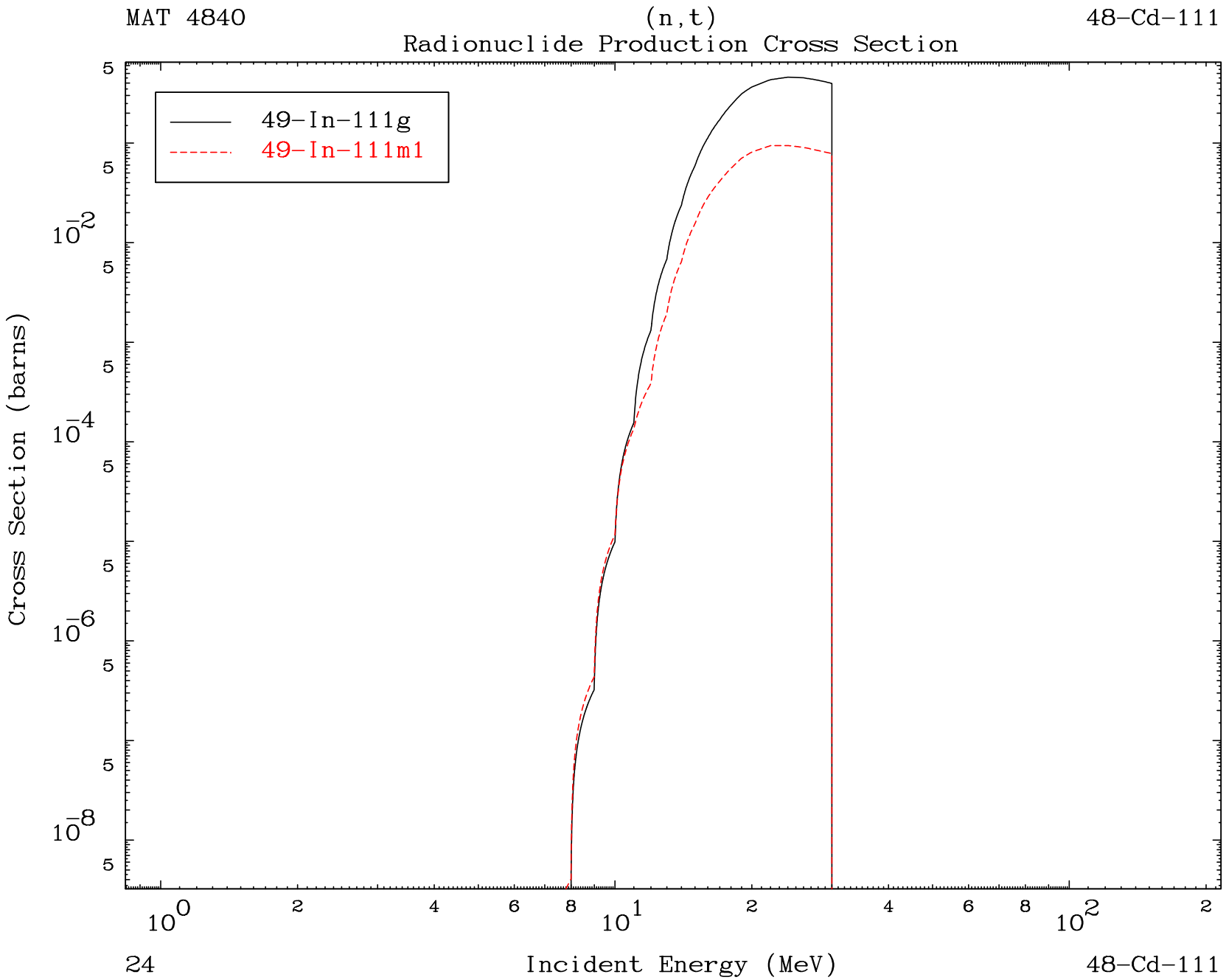

MAT 4840
(n,3n) p
48-Cd-111
Radionuclide Production Cross Section
49-In-110g
49-In-110m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
48-Cd-111

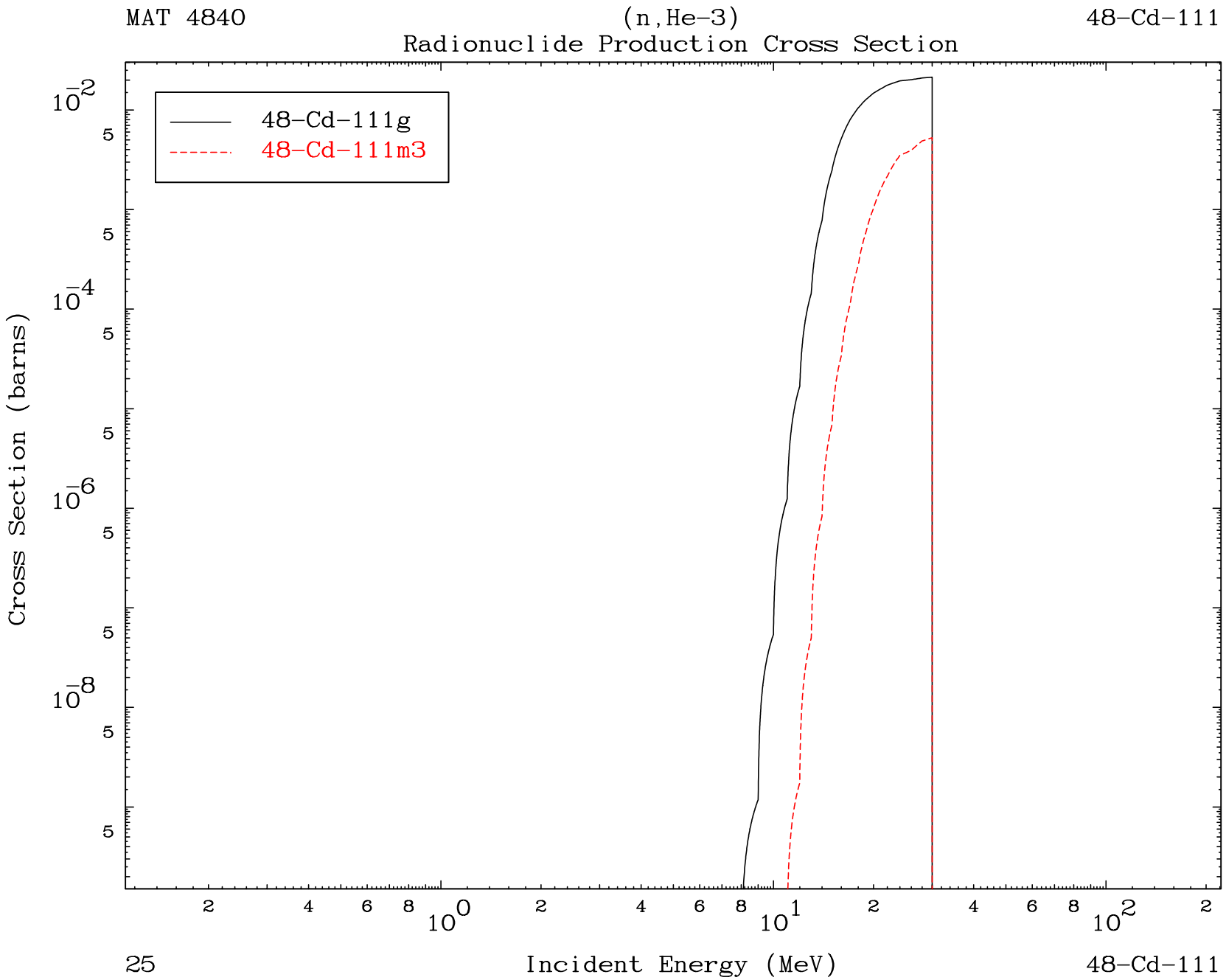

MAT 4840
(n,2n) p
48-Cd-111
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
20
Incident Energy (MeV)
48-Cd-111

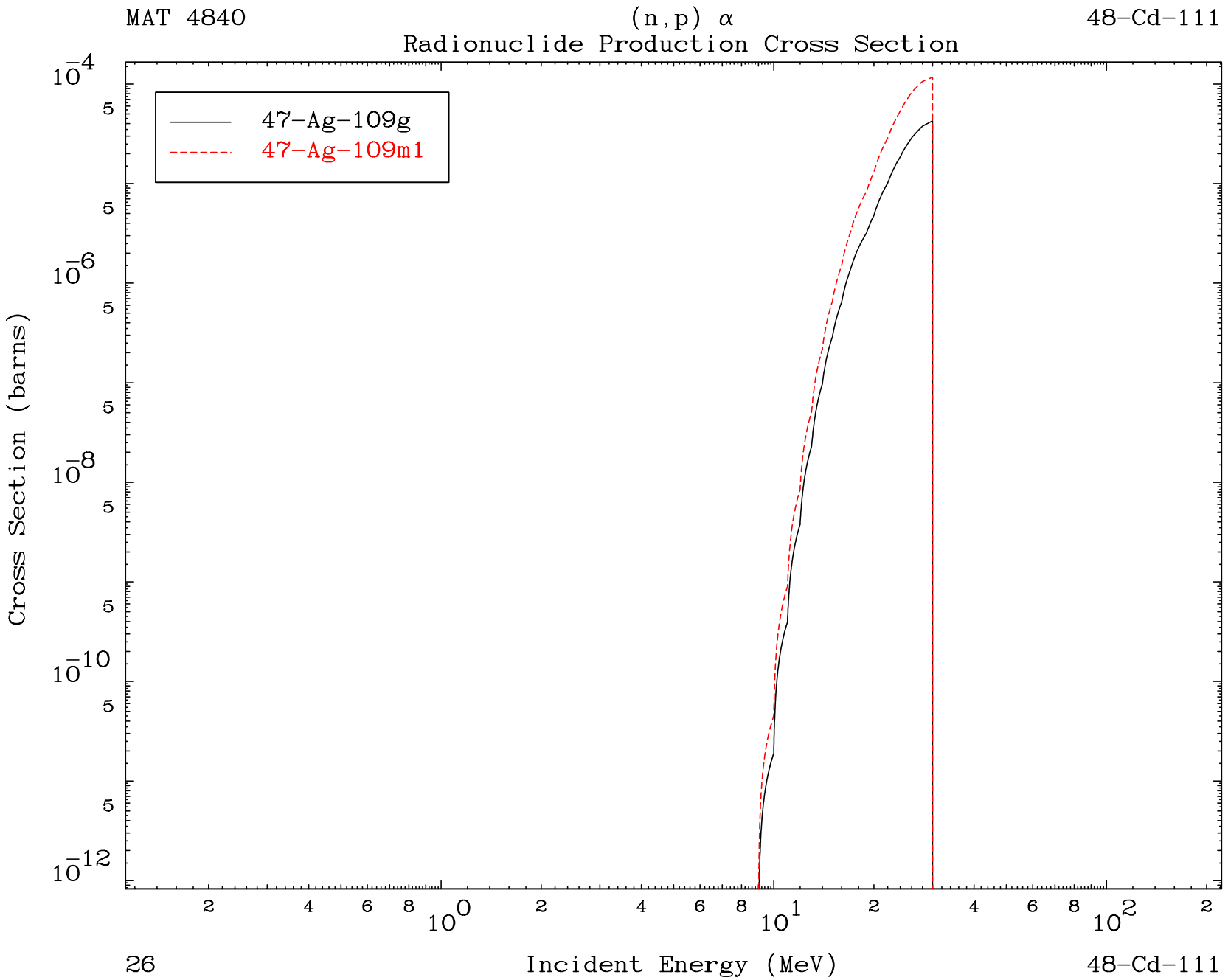

MAT 4840
(n,n') p α
48-Cd-111
Radionuclide Production Cross Section
47-Ag-108g
47-Ag-108m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
48-Cd-111

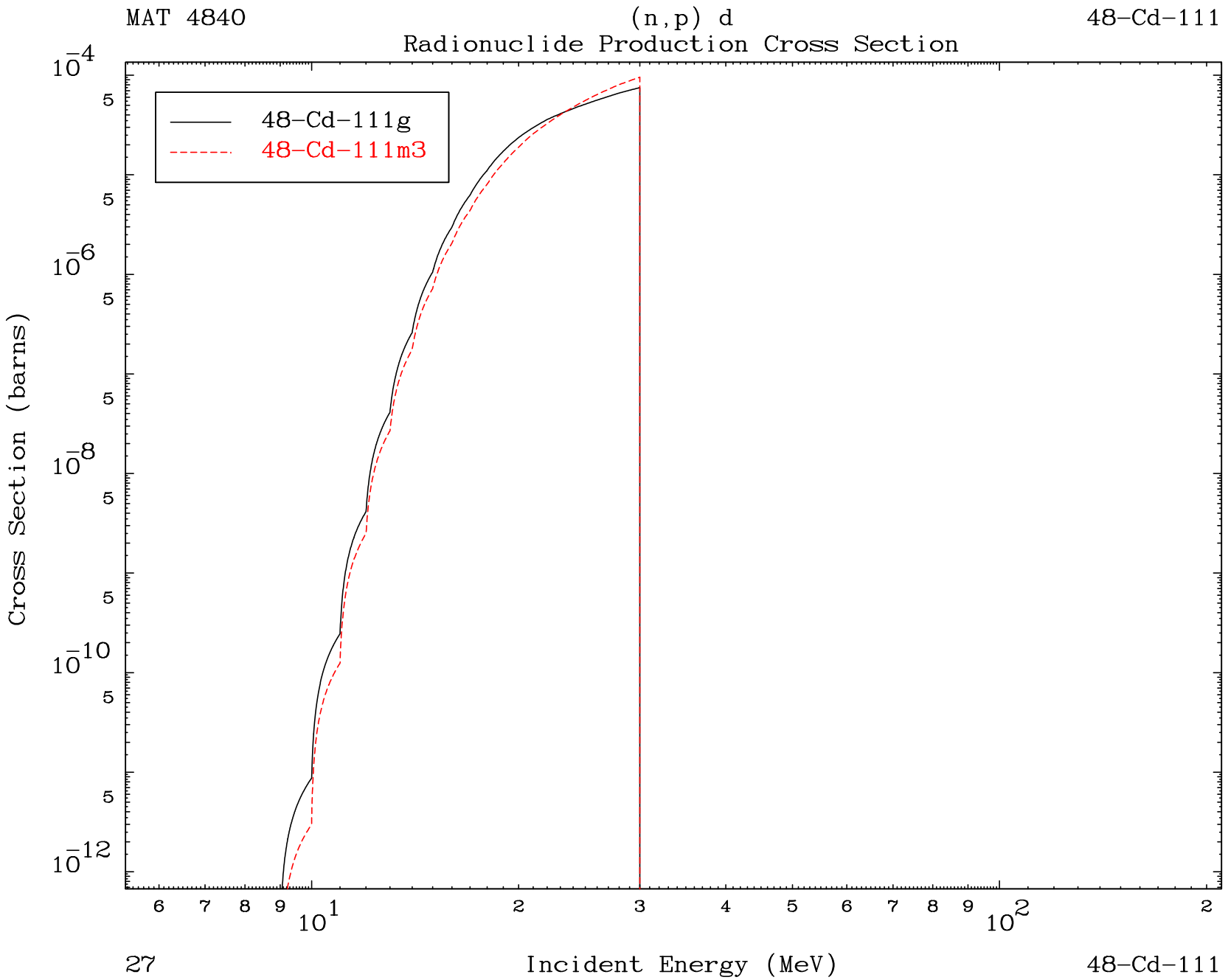

MAT 4840
(n,p)
48-Cd-111
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
Incident Energy (MeV)
22
48-Cd-111

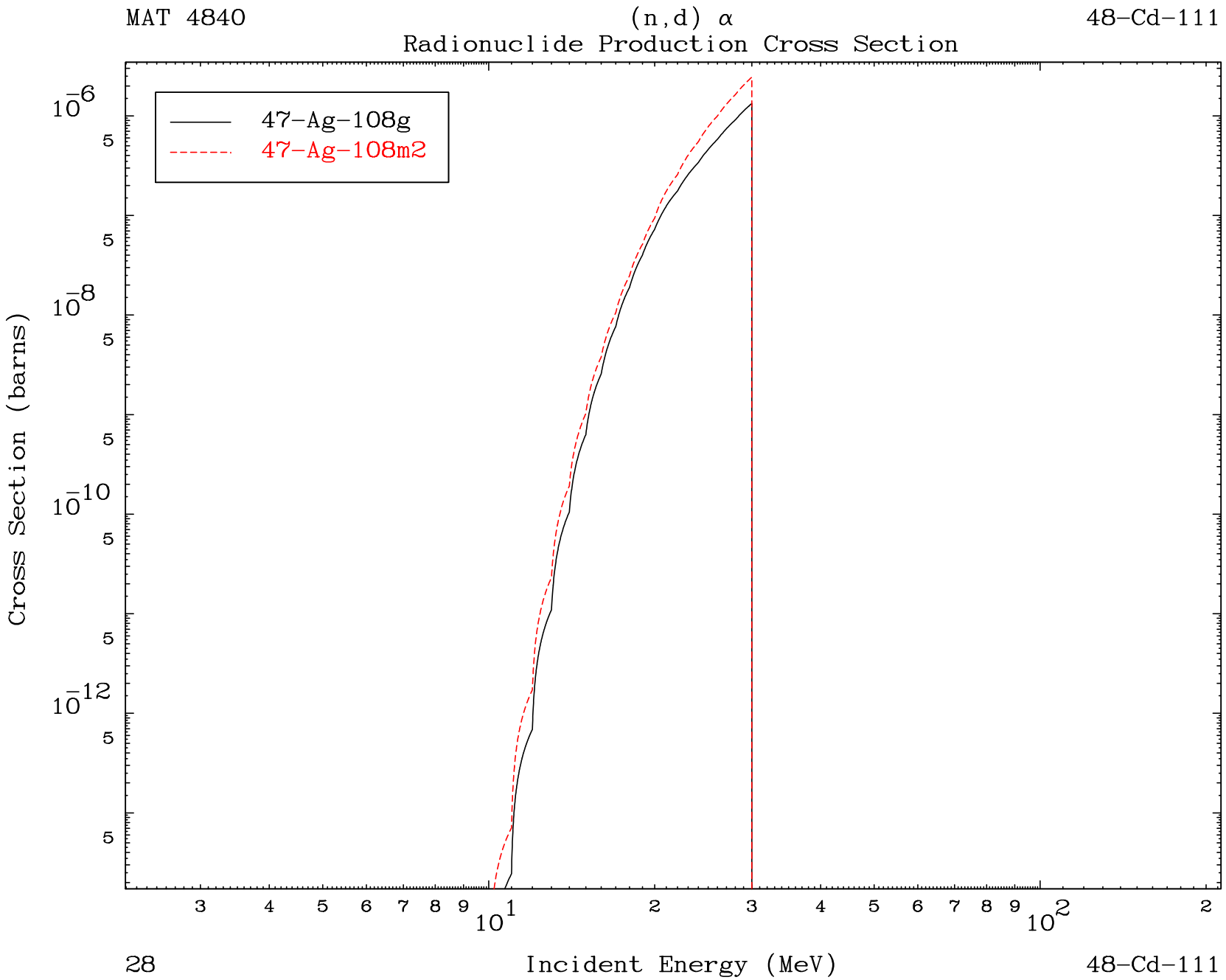

MAT 4840
(n,d)
48-Cd-111
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
Incident Energy (MeV)
23
48-Cd-111


MAT 4840
(n,t)
48-Cd-111
Radionuclide Production Cross Section
49-In-111g
49-In-111m1
Cross Section (barns)
Incident Energy (MeV)
24
48-Cd-111


MAT 4840
(n,He-3)
48-Cd-111
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
Incident Energy (MeV)
25
48-Cd-111


MAT 4840
(n,p) α
48-Cd-111
Radionuclide Production Cross Section
47-Ag-109g
47-Ag-109m1
Cross Section (barns)
Incident Energy (MeV)
26
48-Cd-111


MAT 4840
(n,p) d
48-Cd-111
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
Incident Energy (MeV)
27
48-Cd-111


MAT 4840
(n,d) α
48-Cd-111
Radionuclide Production Cross Section
47-Ag-108g
47-Ag-108m2
Cross Section (barns)
Incident Energy (MeV)
28
48-Cd-111