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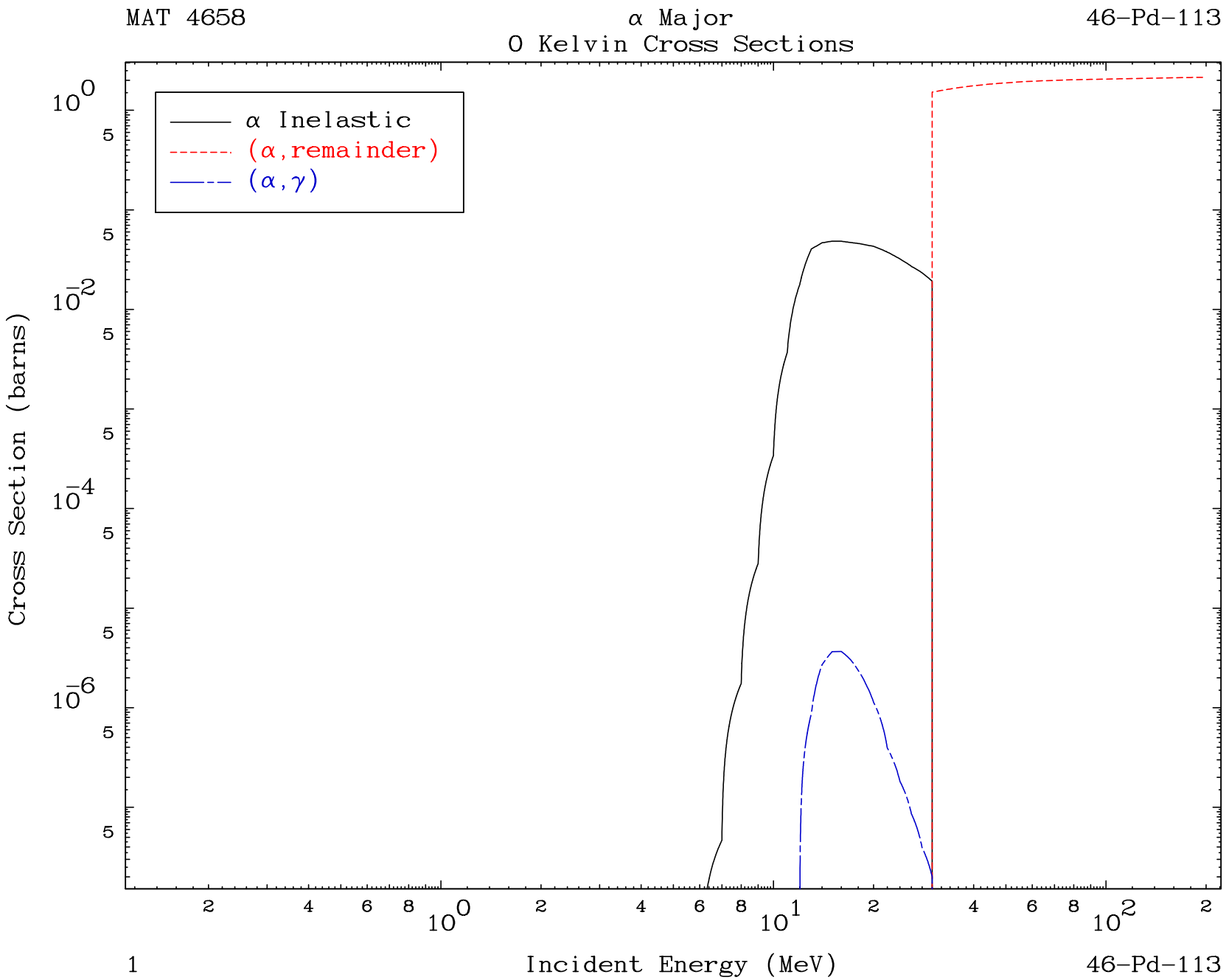
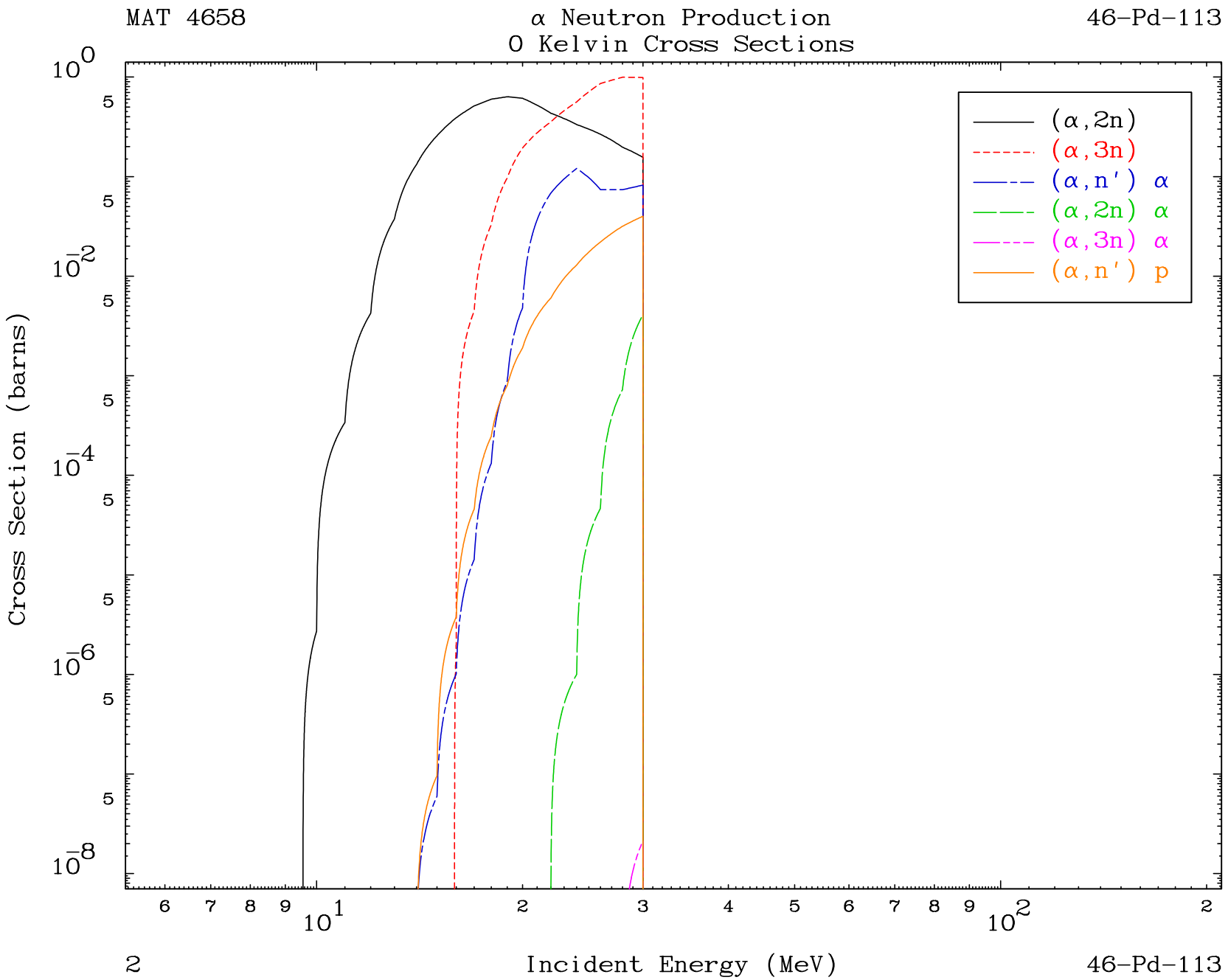
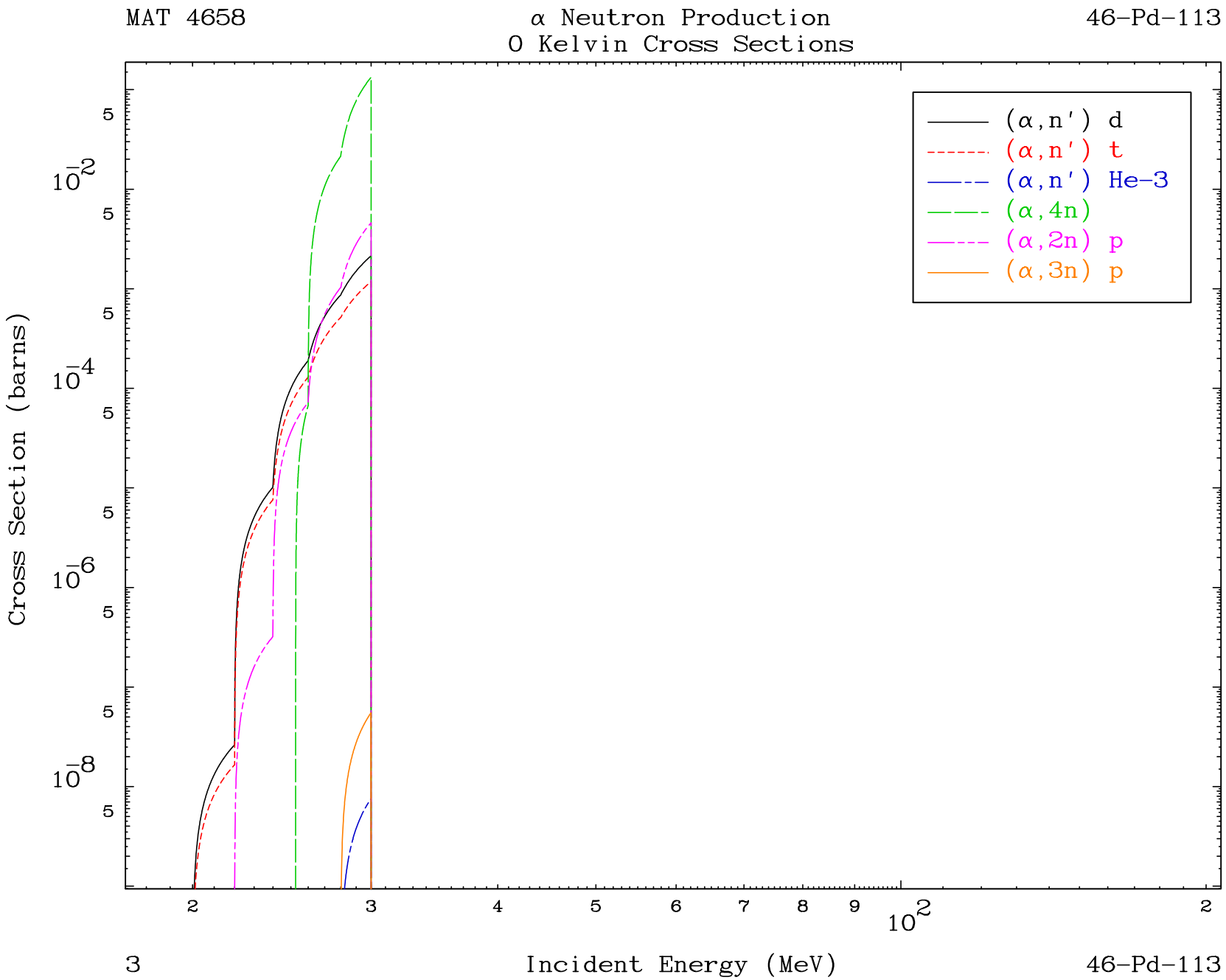
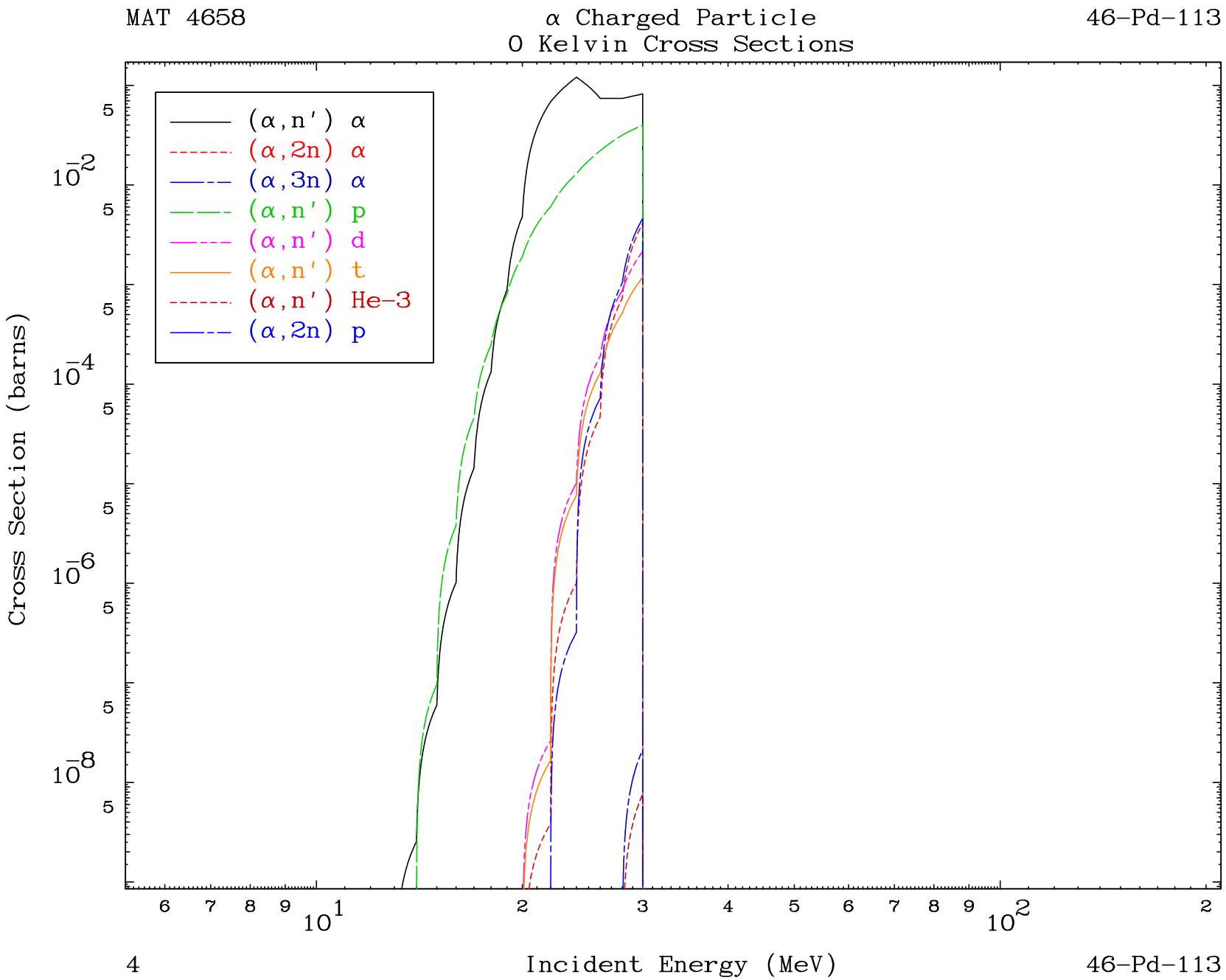
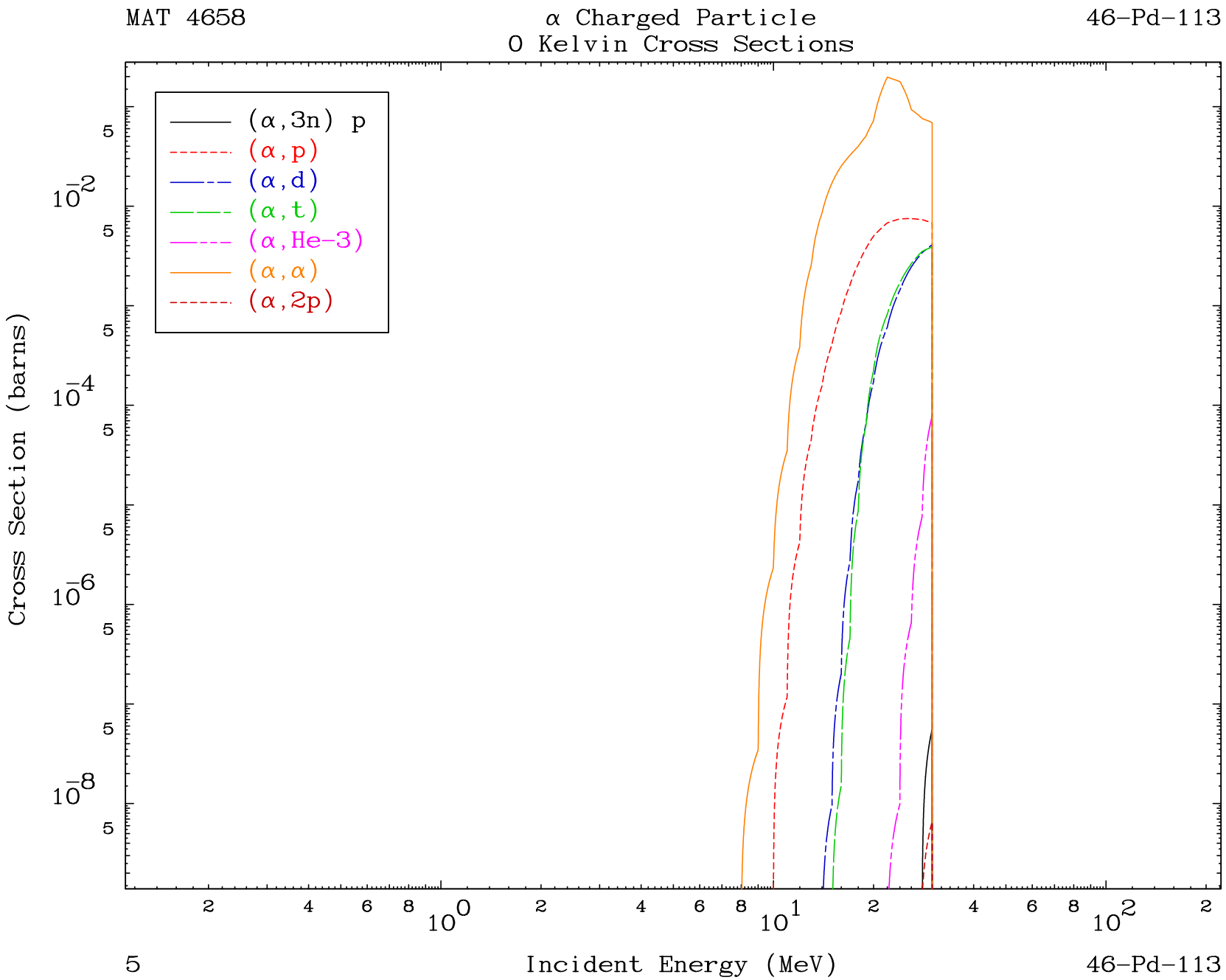
Press Mouse Button to Start

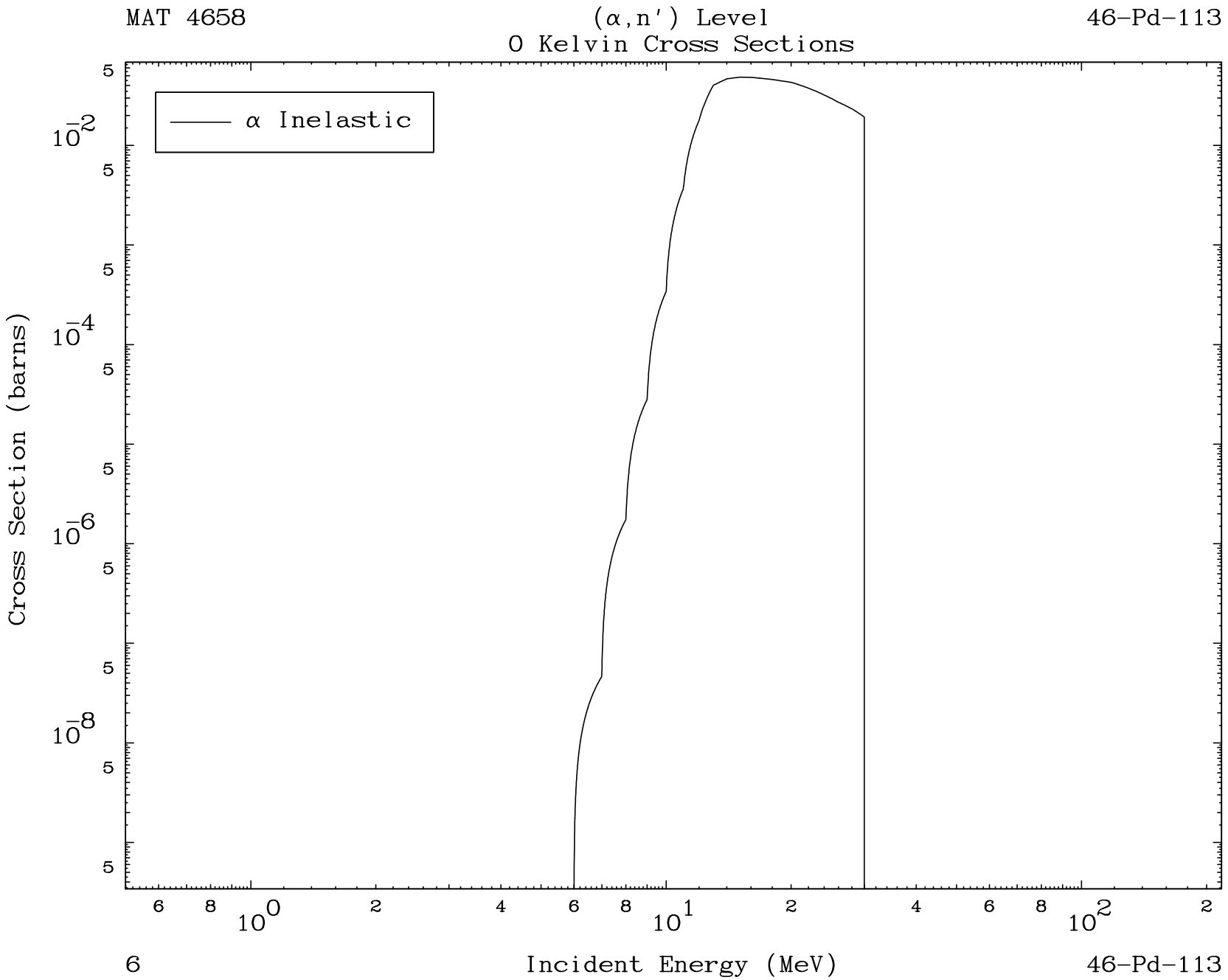

MAT 4658
α Major
46-Pd-113
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-113

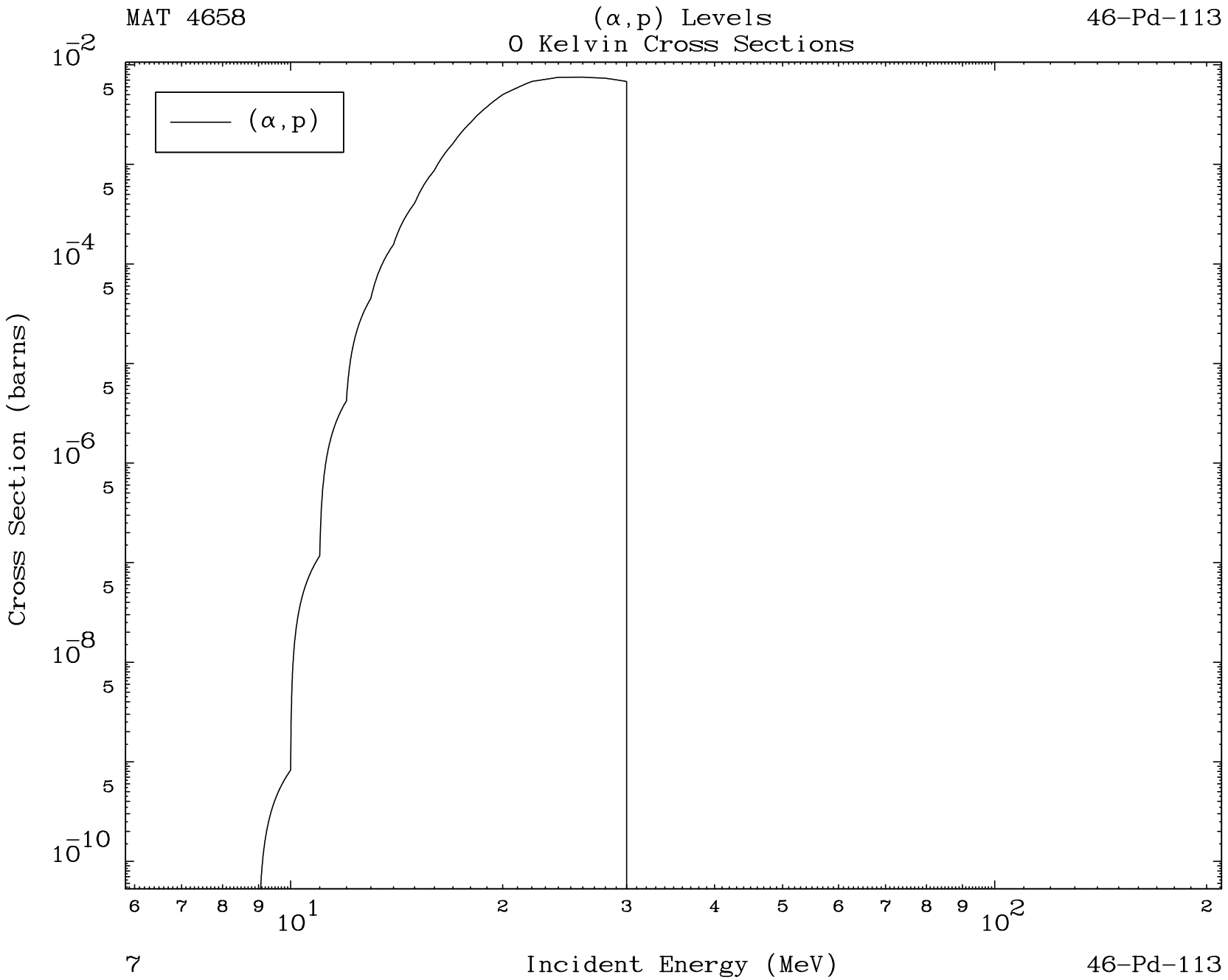

MAT 4658
α Neutron Production
0 Kelvin Cross Sections
46-Pd-113
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p

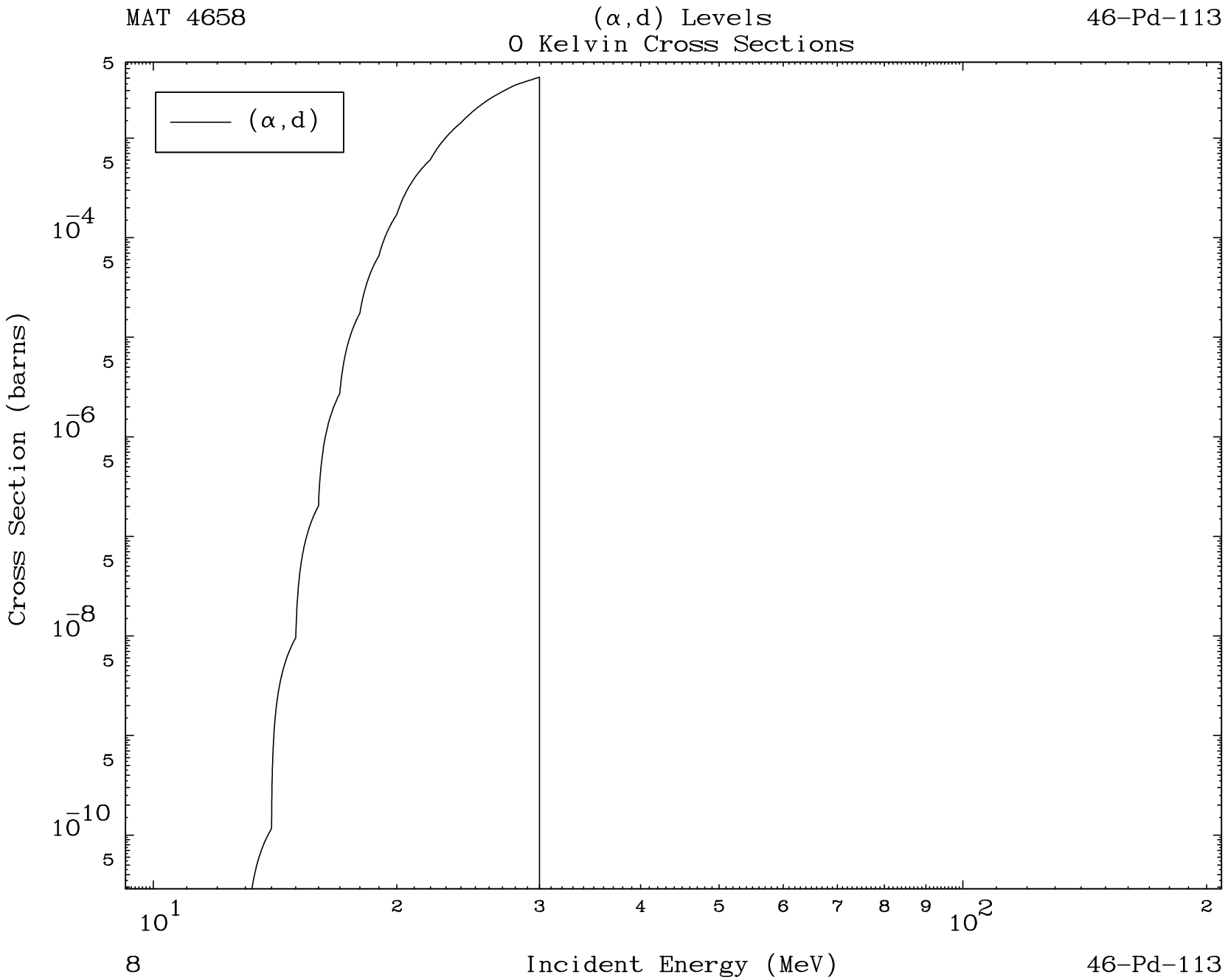

MAT 4658
α Neutron Production
0 Kelvin Cross Sections
46-Pd-113
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
3
46-Pd-113

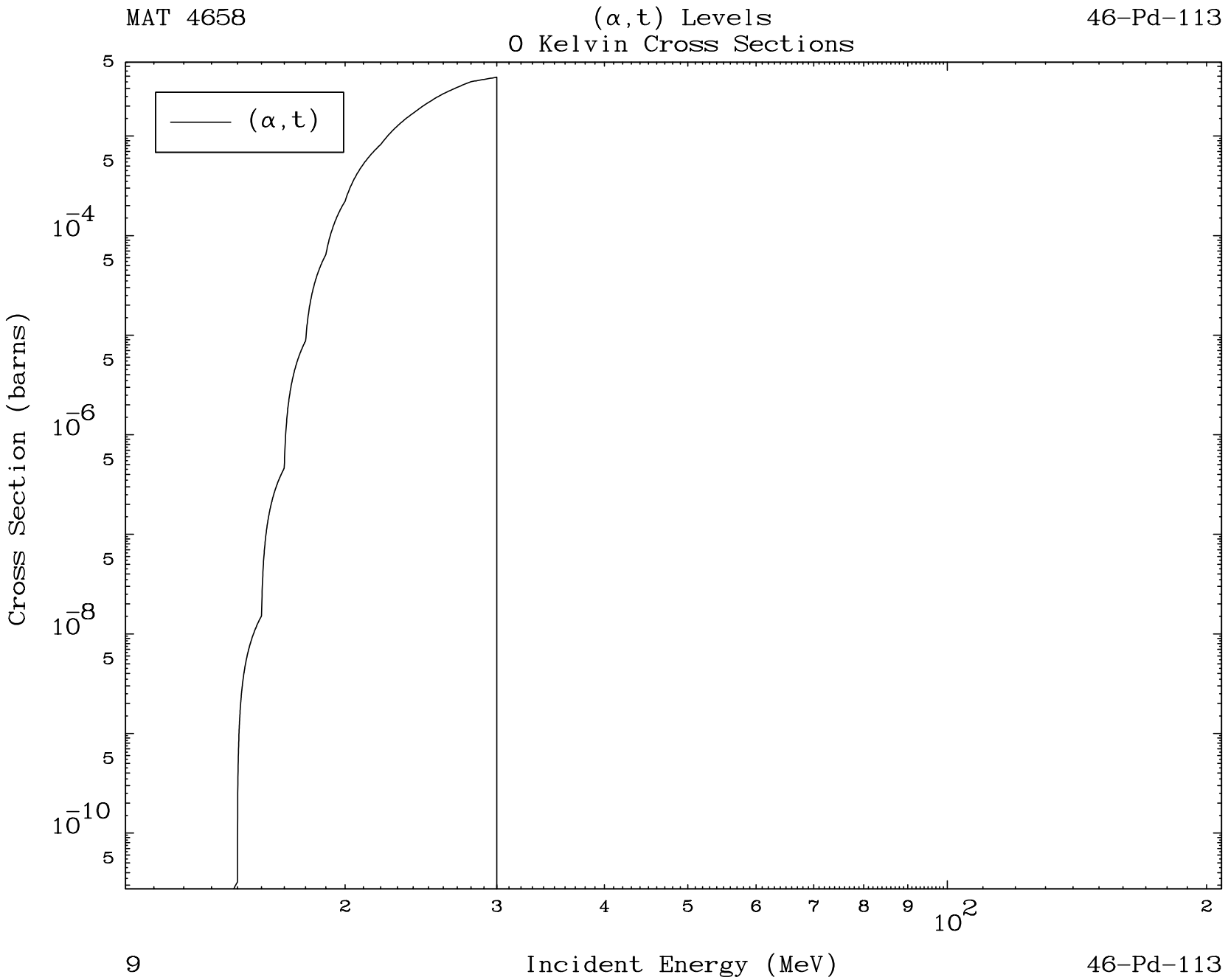

MAT 4658
α Charged Particle
0 Kelvin Cross Sections
46-Pd-113
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
46-Pd-113

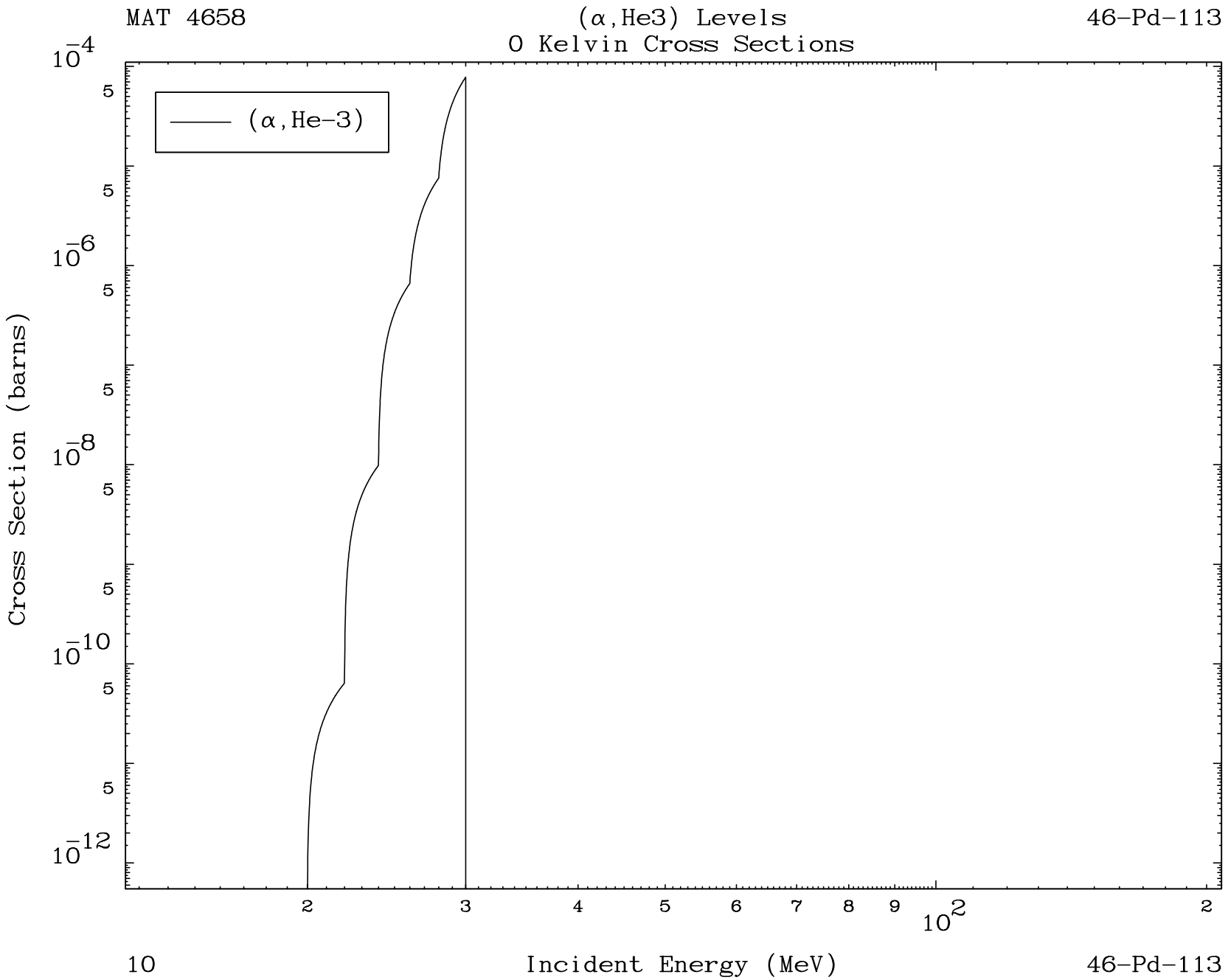

MAT 4658
α Charged Particle
0 Kelvin Cross Sections
46-Pd-113
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2p)
Cross Section (barns)
Incident Energy (MeV)
5
46-Pd-113

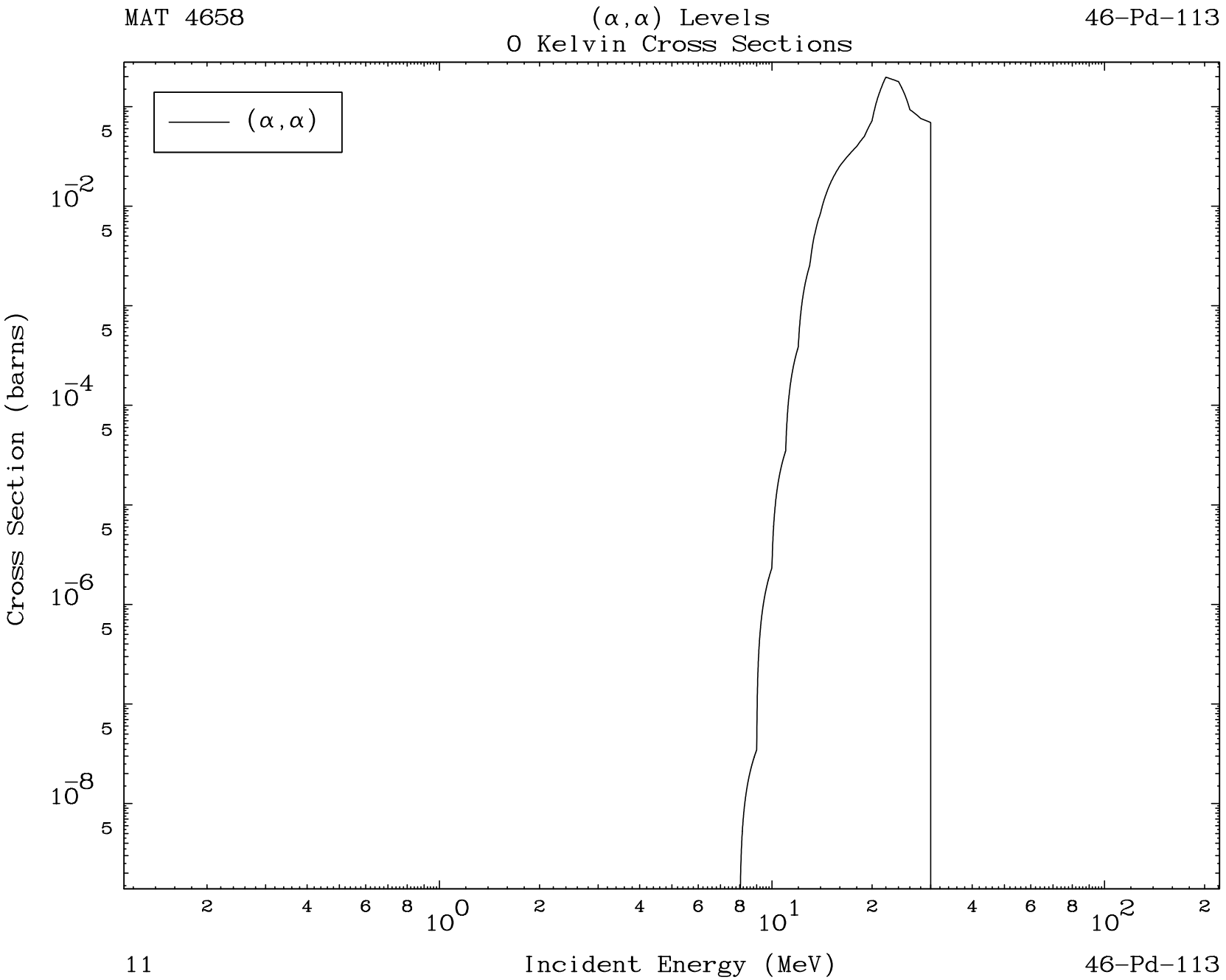

MAT 4658
(α,n') Level
46-Pd-113
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
46-Pd-113

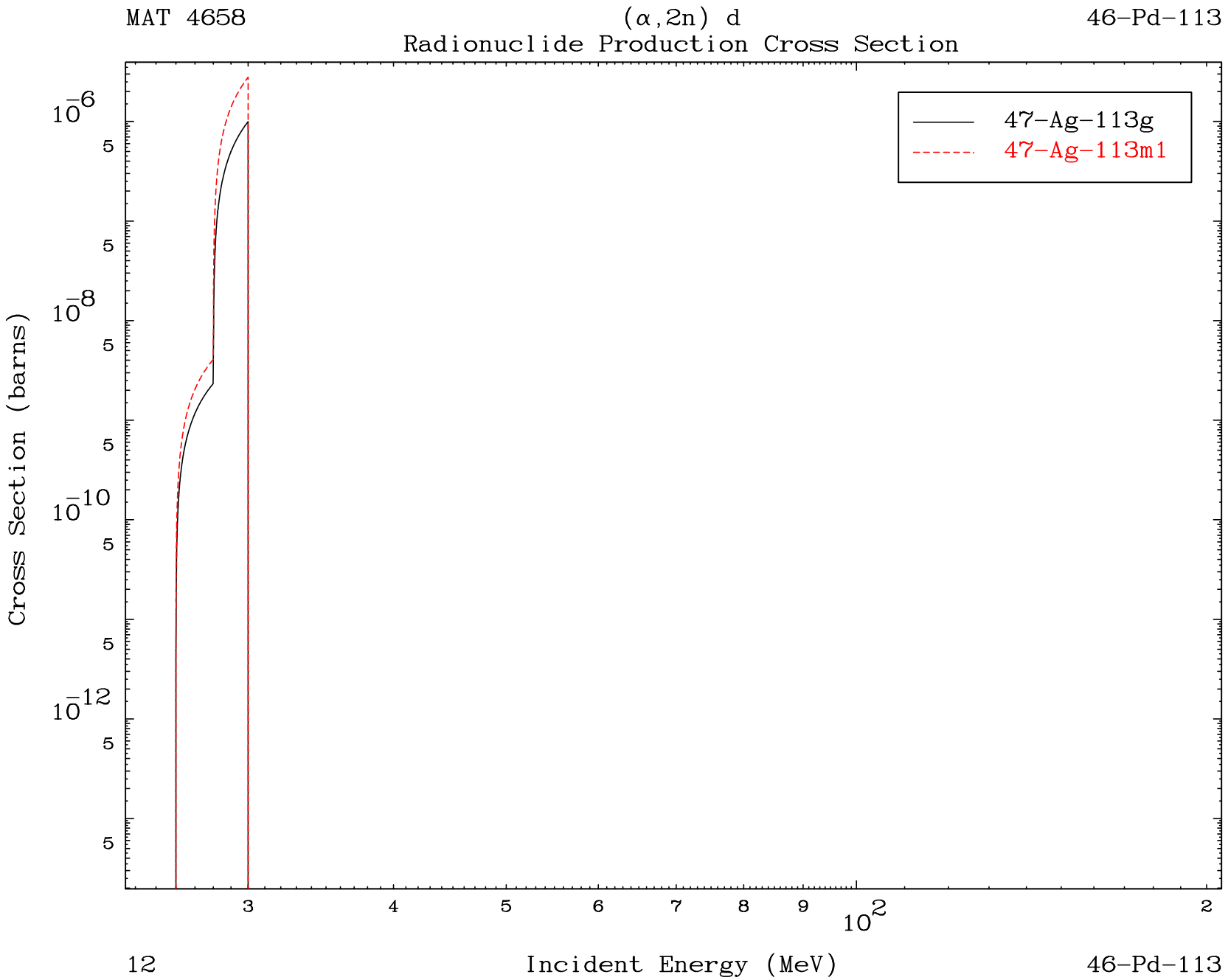

MAT 4658
(α,p) Levels
46-Pd-113
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-113
7

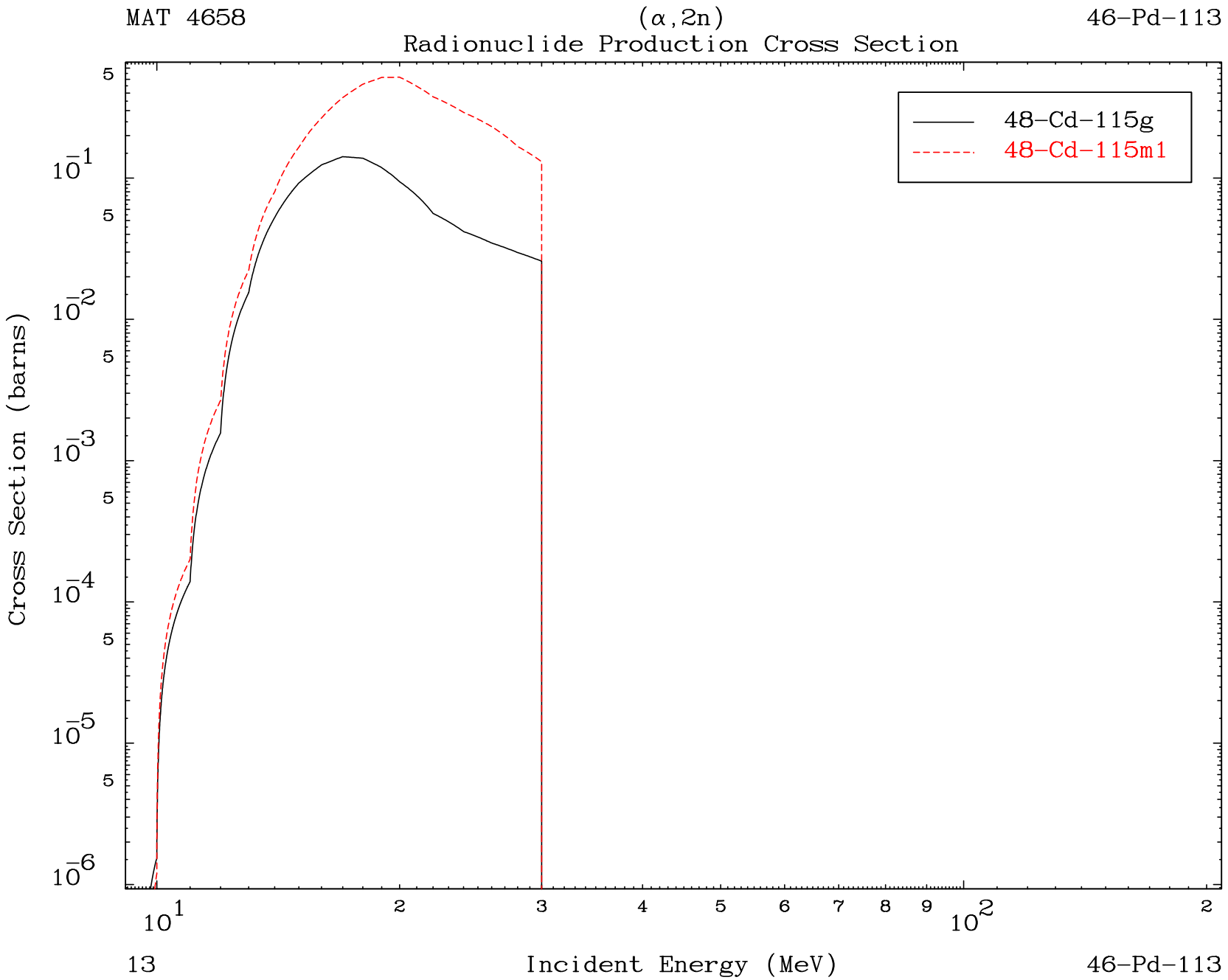

MAT 4658
(α,d) Levels
46-Pd-113
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-113
8

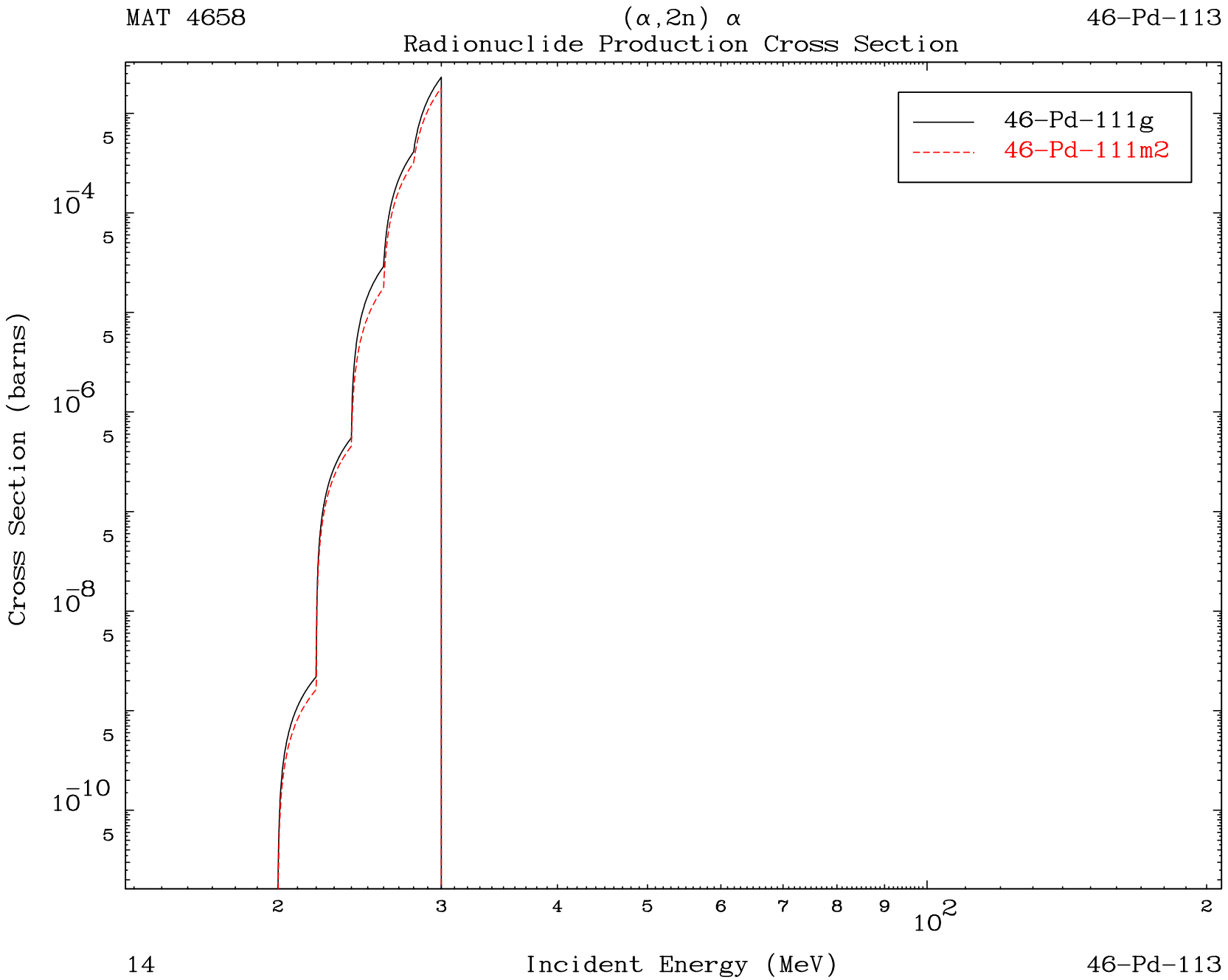

MAT 4658
(α,t) Levels
46-Pd-113
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
46-Pd-113

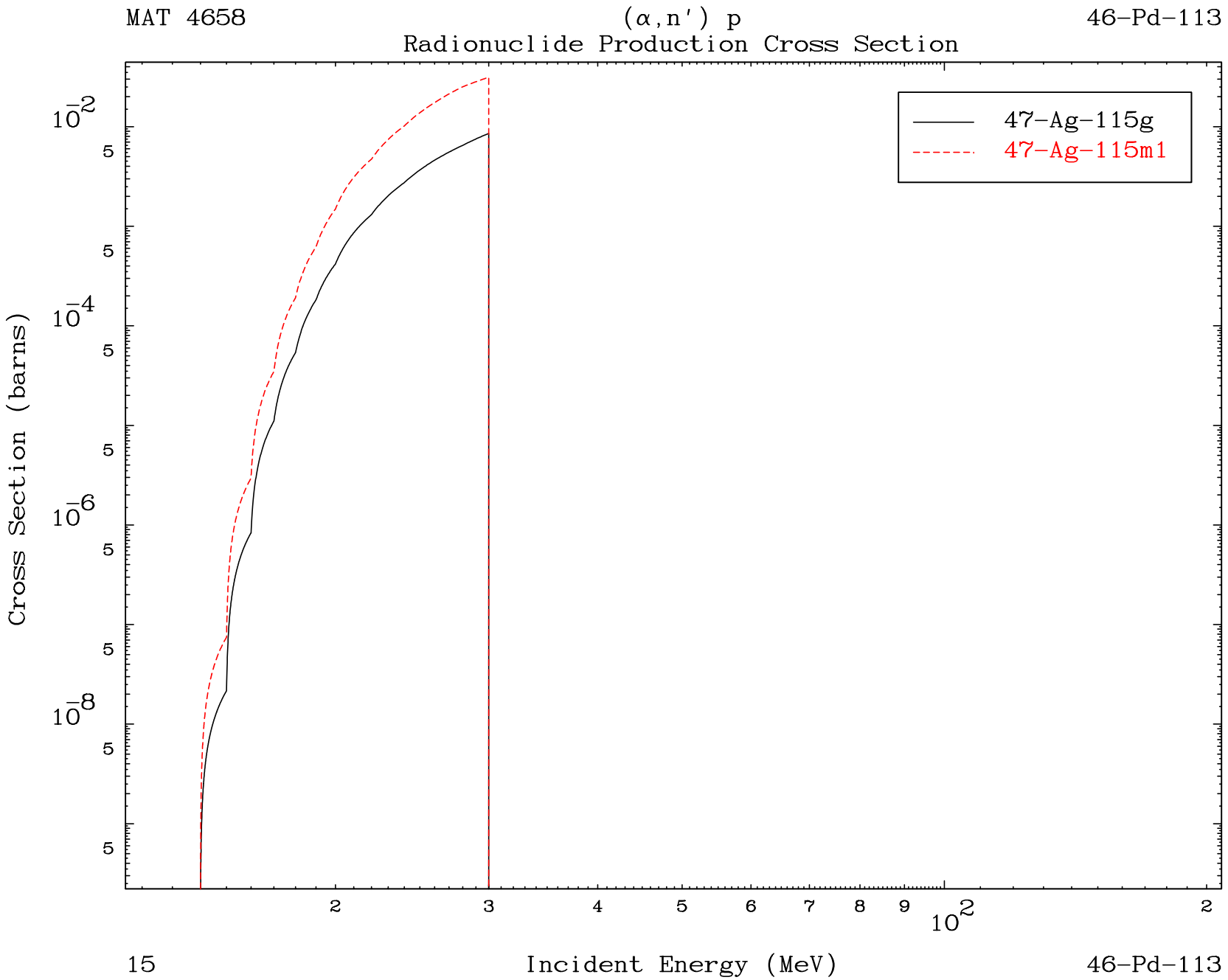

MAT 4658
(α,He3) Levels
46-Pd-113
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
46-Pd-113

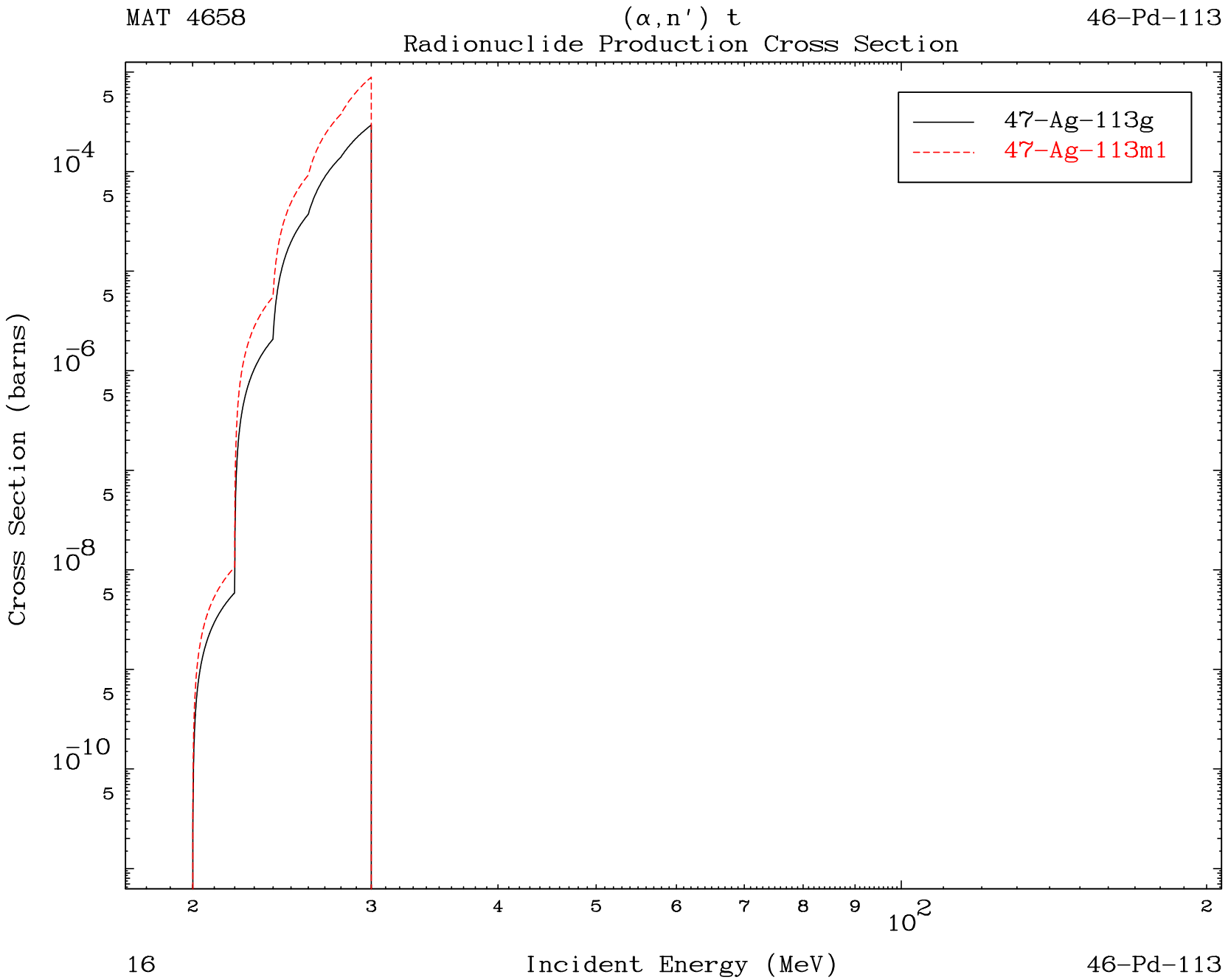

MAT 4658
(α,α) Levels
46-Pd-113
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
46-Pd-113

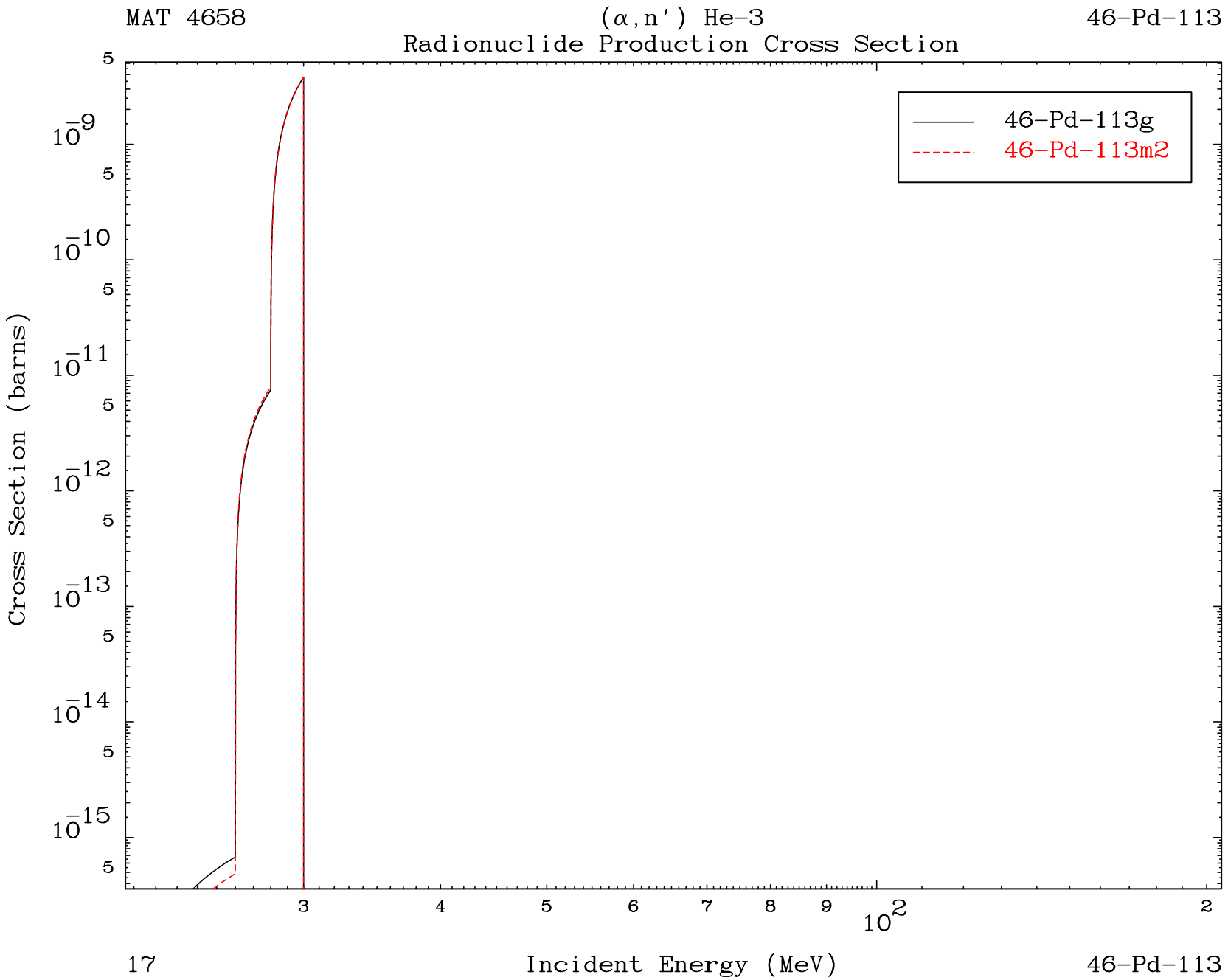

MAT 4658
(α,2n) d
46-Pd-113
Radionuclide Production Cross Section
47-Ag-113g
47-Ag-113m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
46-Pd-113

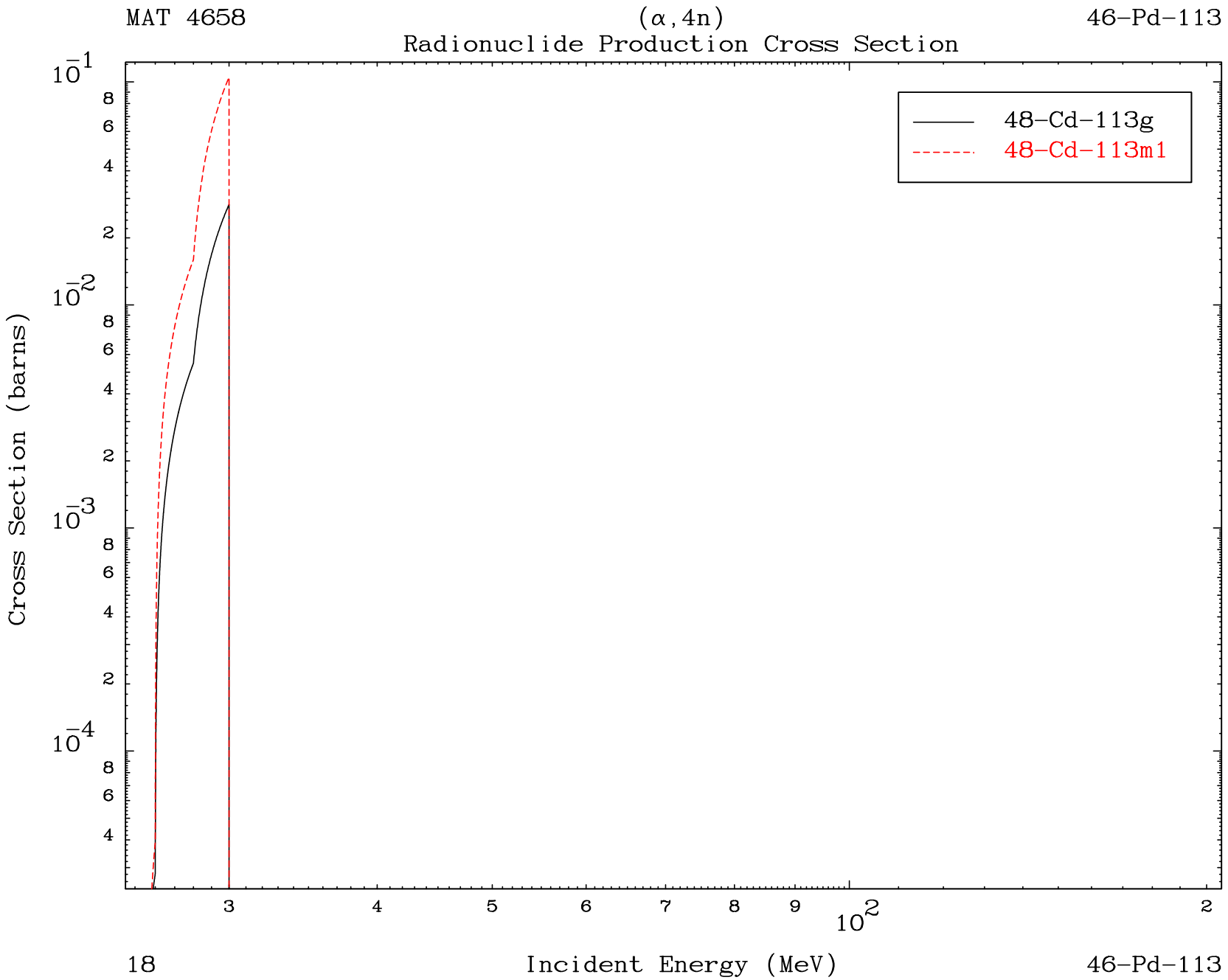

MAT 4658
(α,2n)
46-Pd-113
Radionuclide Production Cross Section
48-Cd-115g
48-Cd-115m1
Cross Section (barns)
Incident Energy (MeV)
13
46-Pd-113

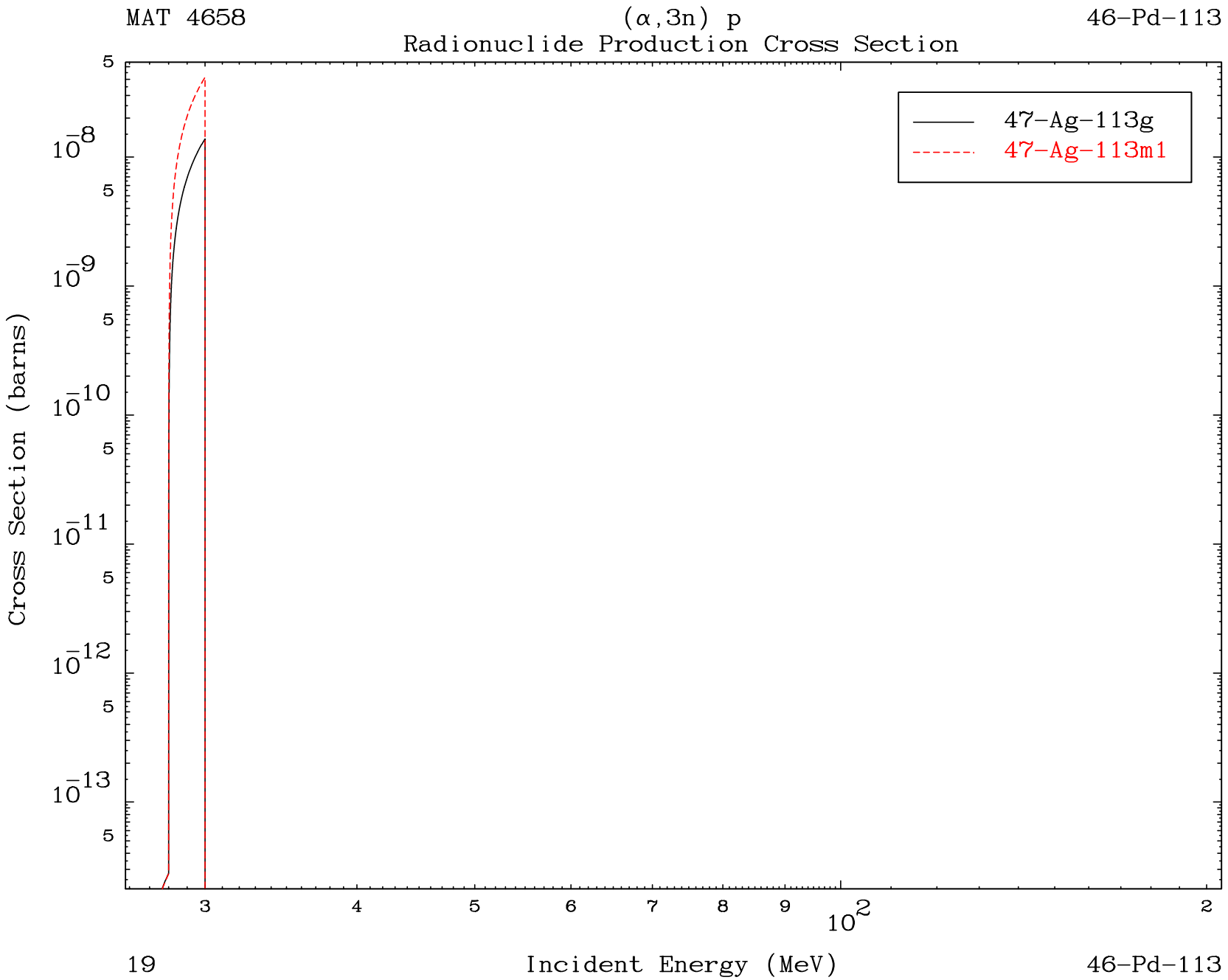

MAT 4658
(α,2n) α
46-Pd-113
Radionuclide Production Cross Section
46-Pd-111g
46-Pd-111m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
14
46-Pd-113

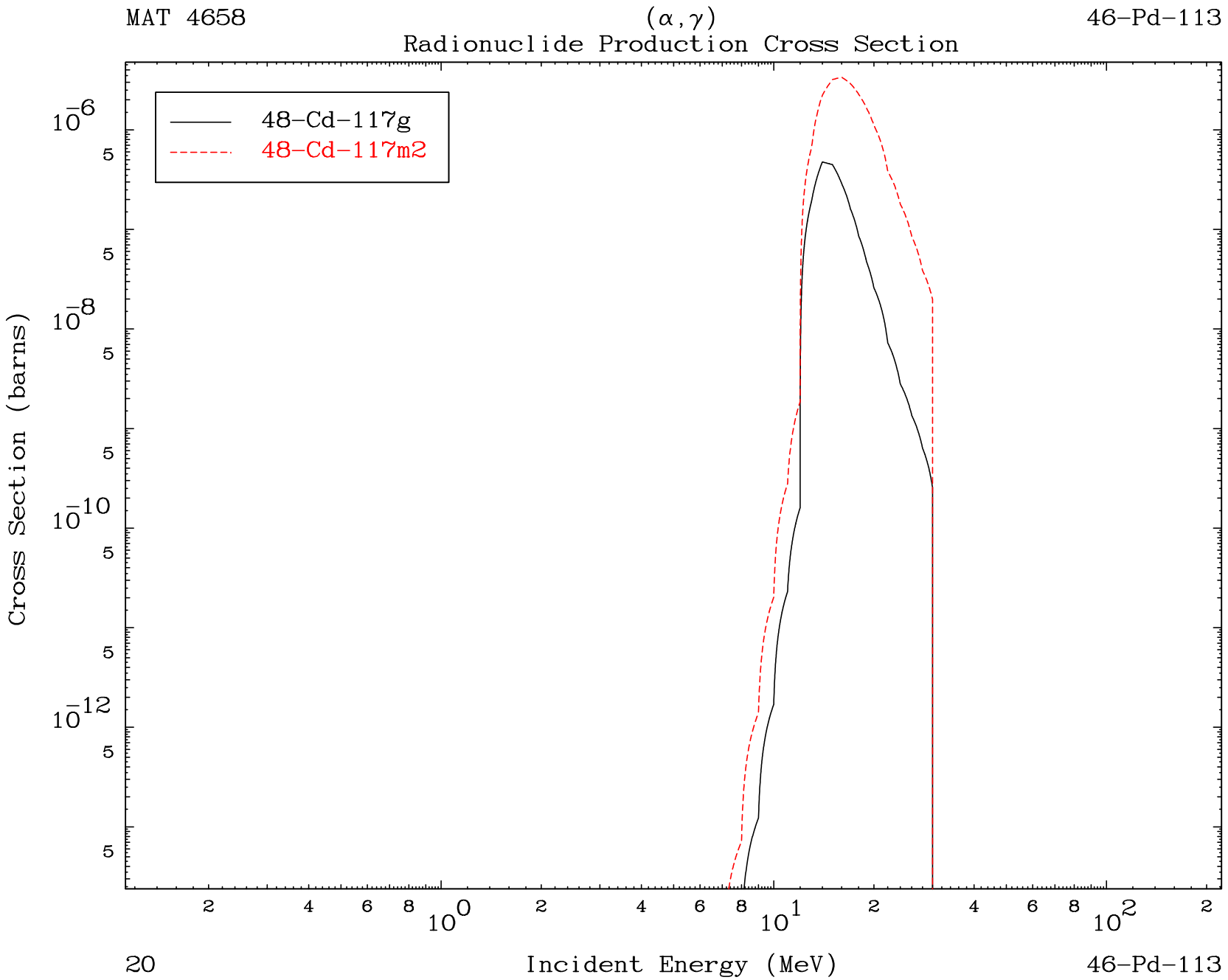

MAT 4658
(α,n') p
46-Pd-113
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
46-Pd-113

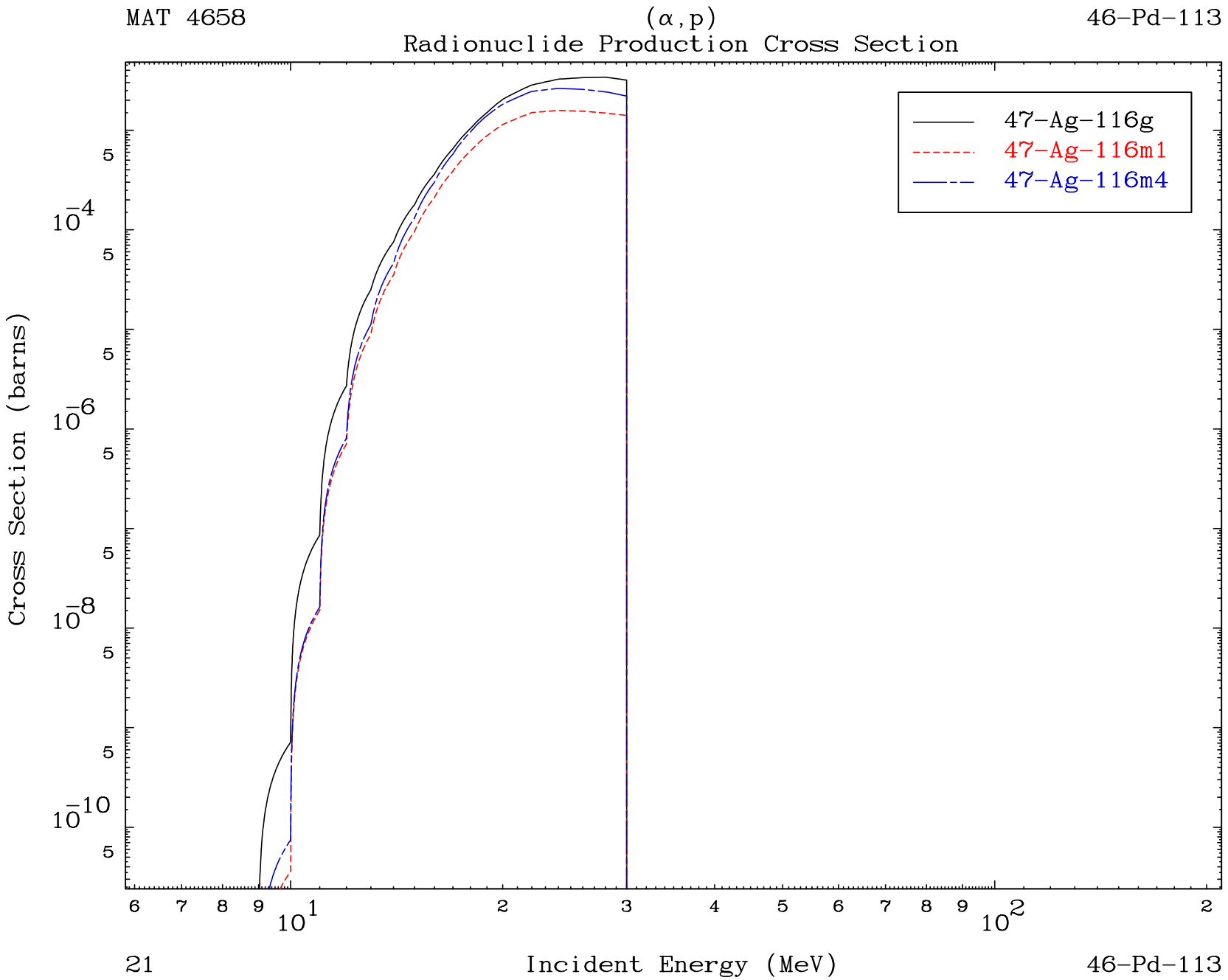

MAT 4658
(α,n') t
46-Pd-113
Radionuclide Production Cross Section
47-Ag-113g
47-Ag-113m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
6
7
8
9
10^2
16
Incident Energy (MeV)
46-Pd-113

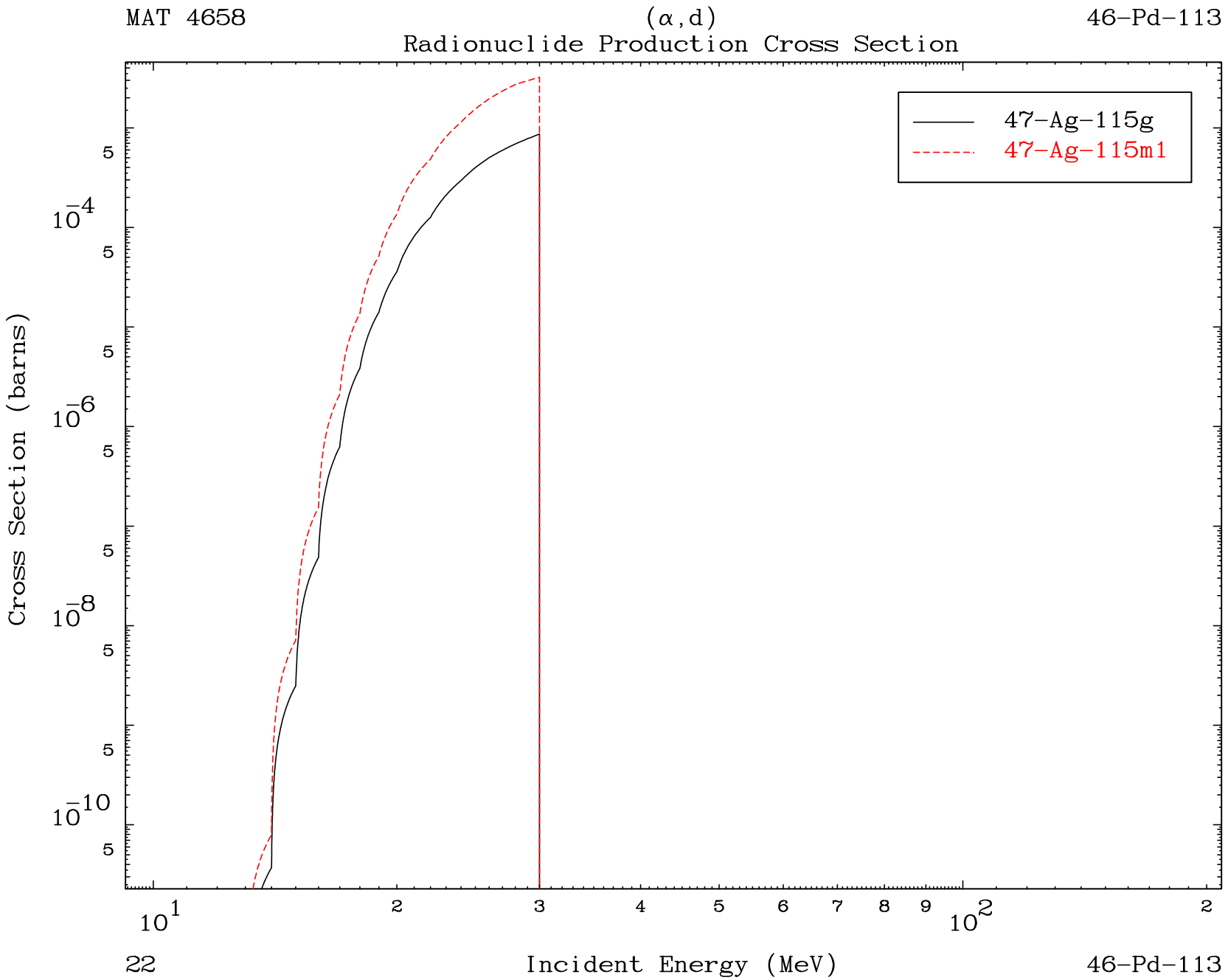

MAT 4658
(α,n') He-3
46-Pd-113
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
Incident Energy (MeV)
17
46-Pd-113

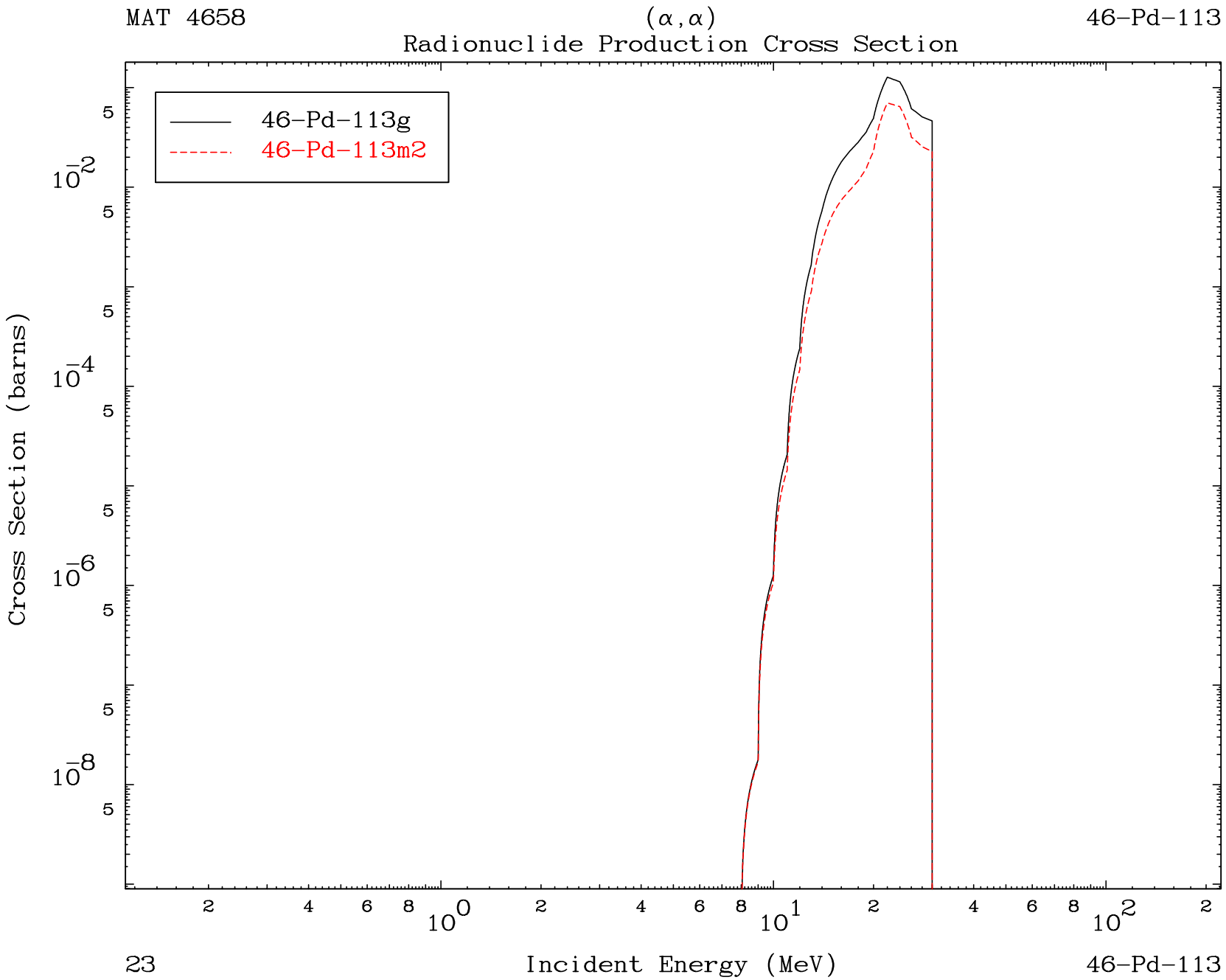

MAT 4658
(α,4n)
46-Pd-113
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
Incident Energy (MeV)
18
46-Pd-113

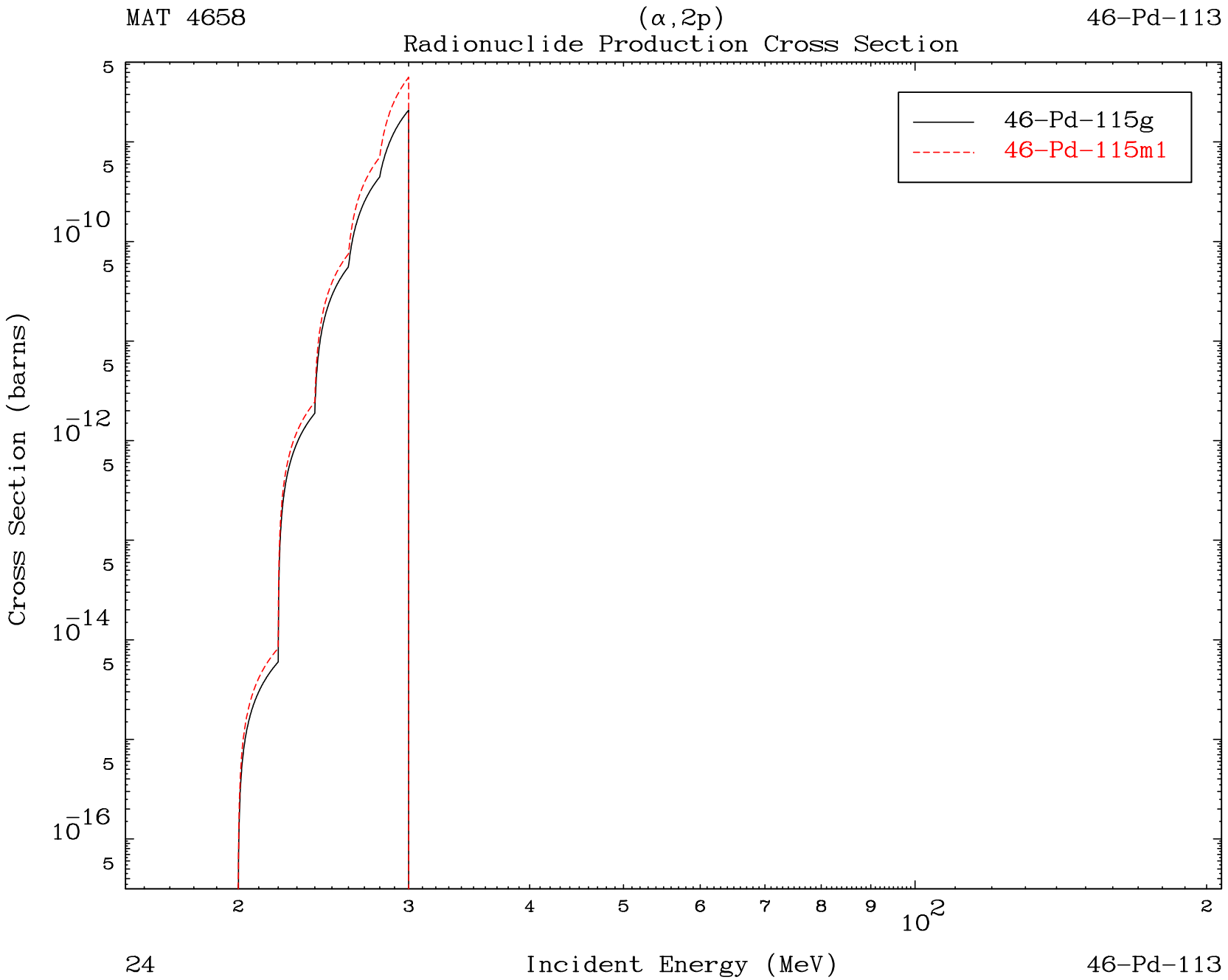

MAT 4658
(α,3n) p
46-Pd-113
Radionuclide Production Cross Section
47-Ag-113g
47-Ag-113m1
Cross Section (barns)
10^-8
10^-9
10^-10
10^-11
10^-12
10^-13
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
46-Pd-113

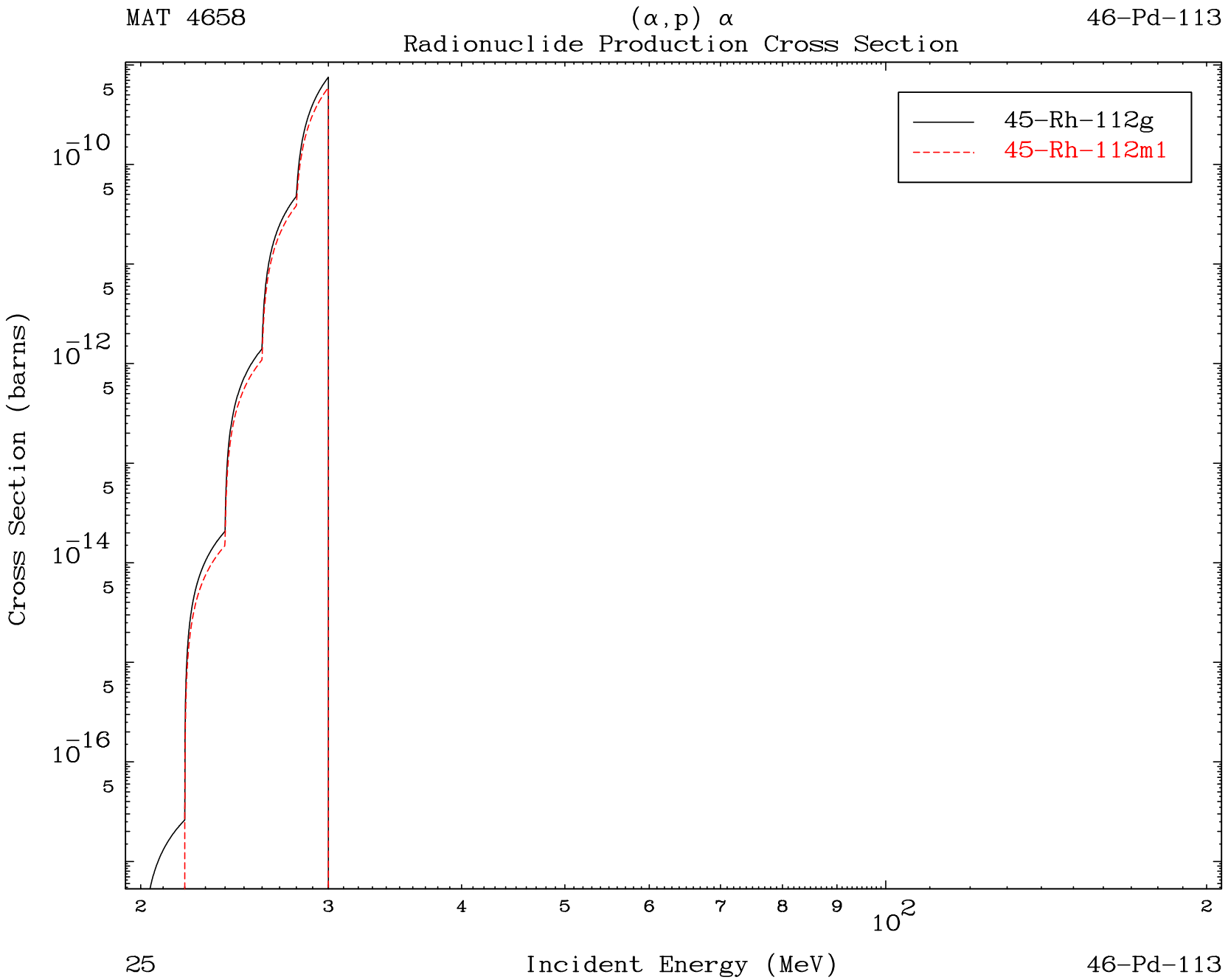

MAT 4658
(α,γ)
46-Pd-113
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
20
46-Pd-113


MAT 4658
(α,p)
46-Pd-113
Radionuclide Production Cross Section
47-Ag-116g
47-Ag-116m1
47-Ag-116m4
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
21
46-Pd-113


MAT 4658
(α,d)
46-Pd-113
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
22
Incident Energy (MeV)
46-Pd-113


MAT 4658
(α,α)
46-Pd-113
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
23
46-Pd-113


MAT 4658
(α,2p)
46-Pd-113
Radionuclide Production Cross Section
46-Pd-115g
46-Pd-115m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
24
Incident Energy (MeV)
46-Pd-113


MAT 4658
(α,p) α
46-Pd-113
Radionuclide Production Cross Section
45-Rh-112g
45-Rh-112m1
Cross Section (barns)
Incident Energy (MeV)
25
46-Pd-113