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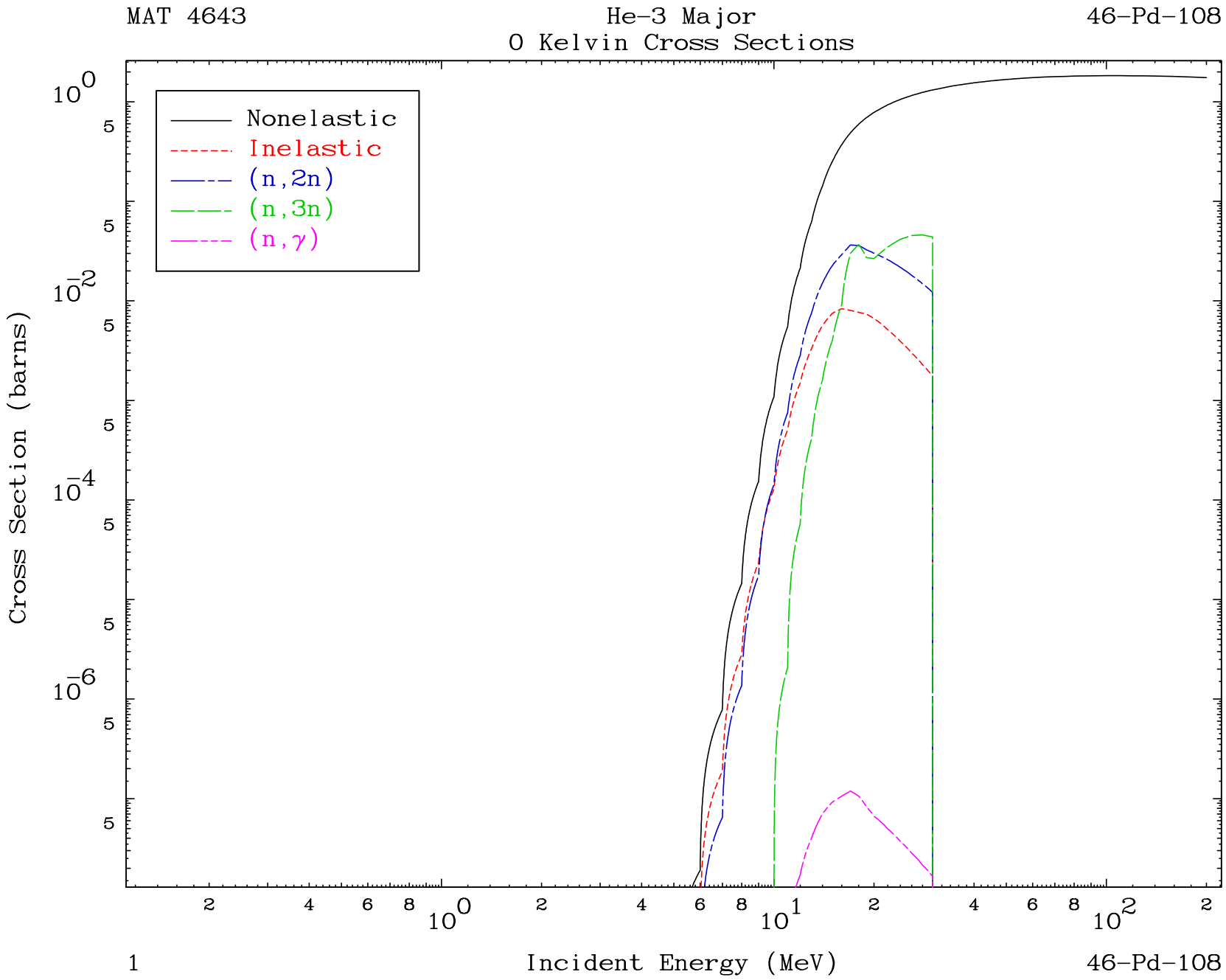
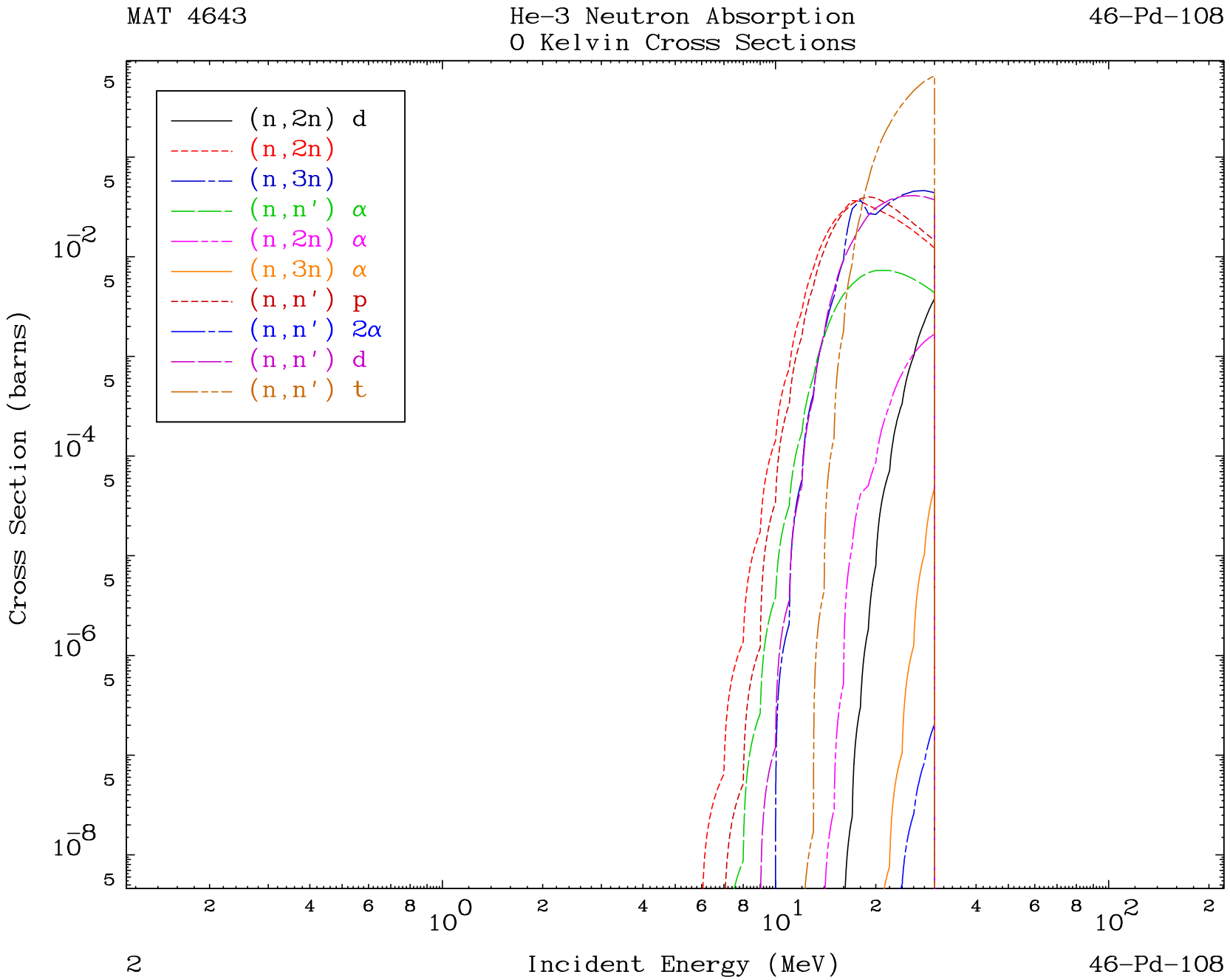
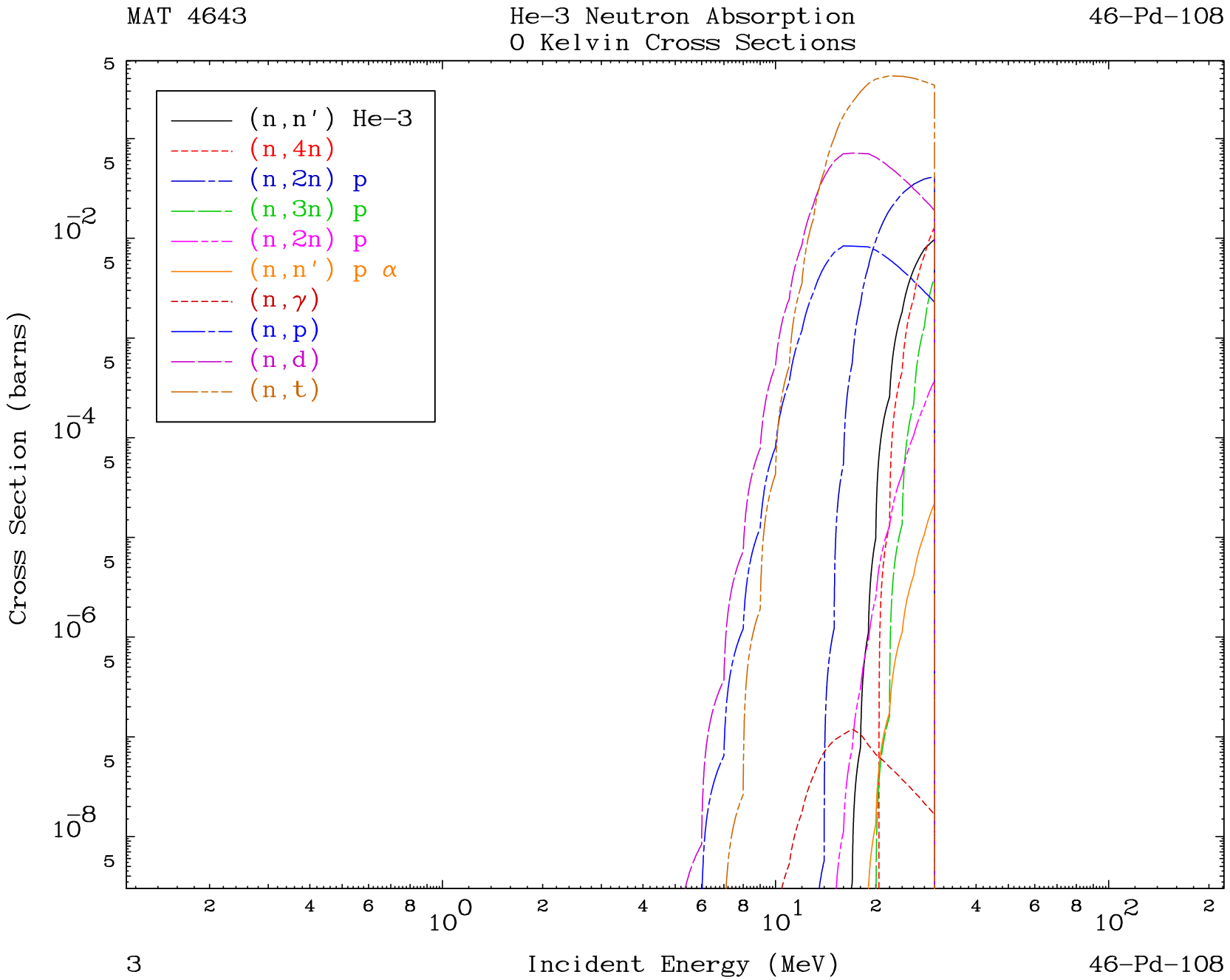
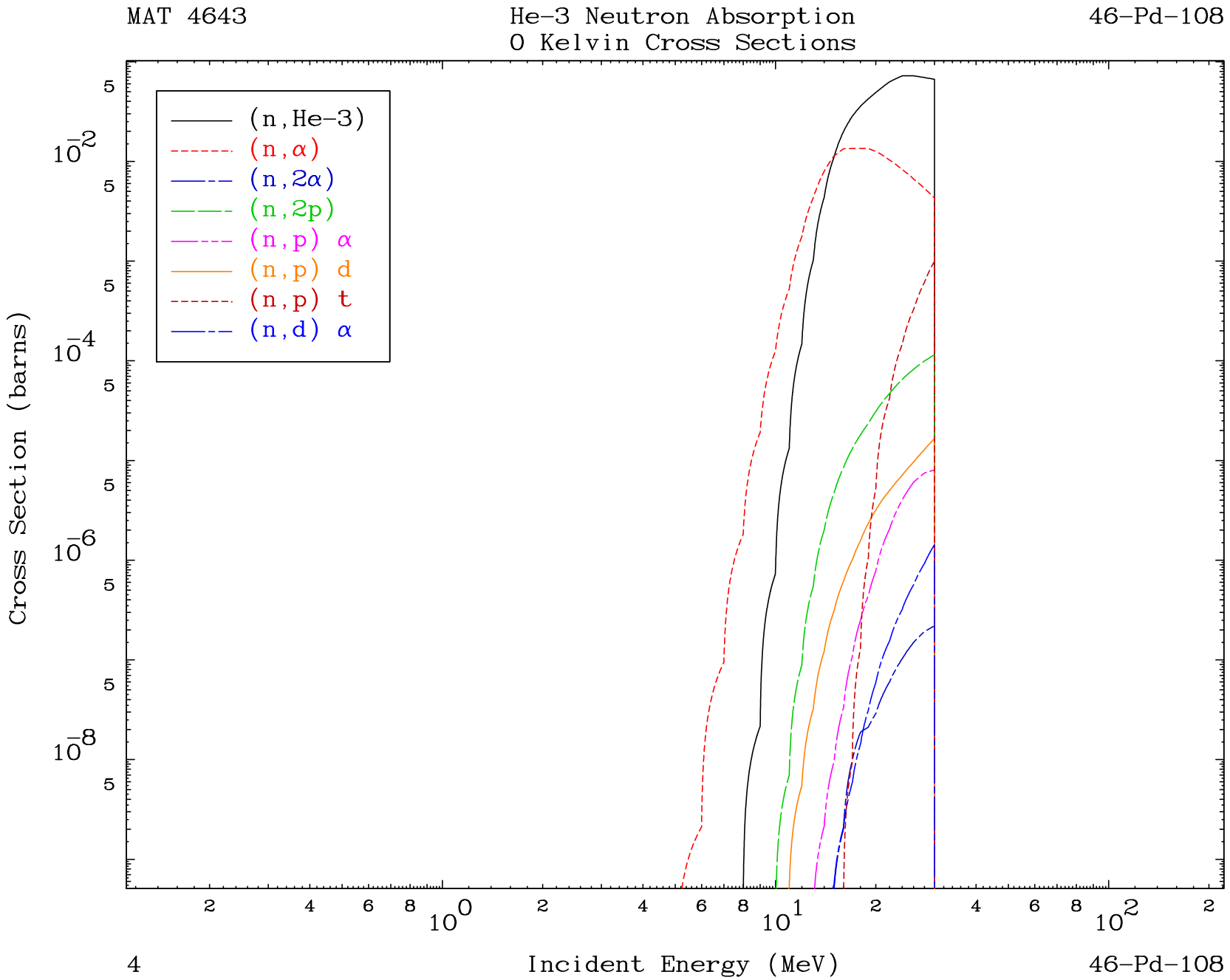
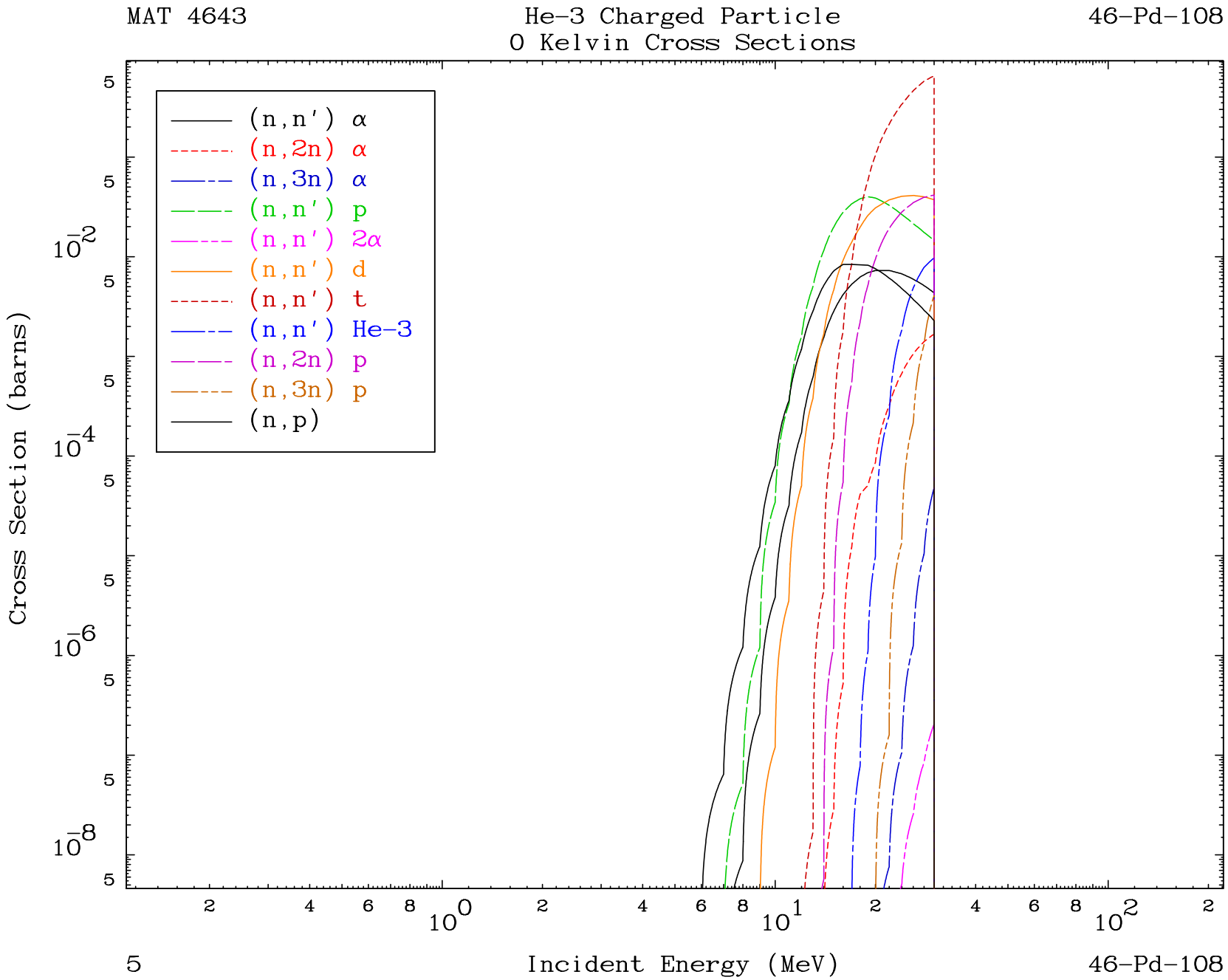
Press Mouse Button to Start

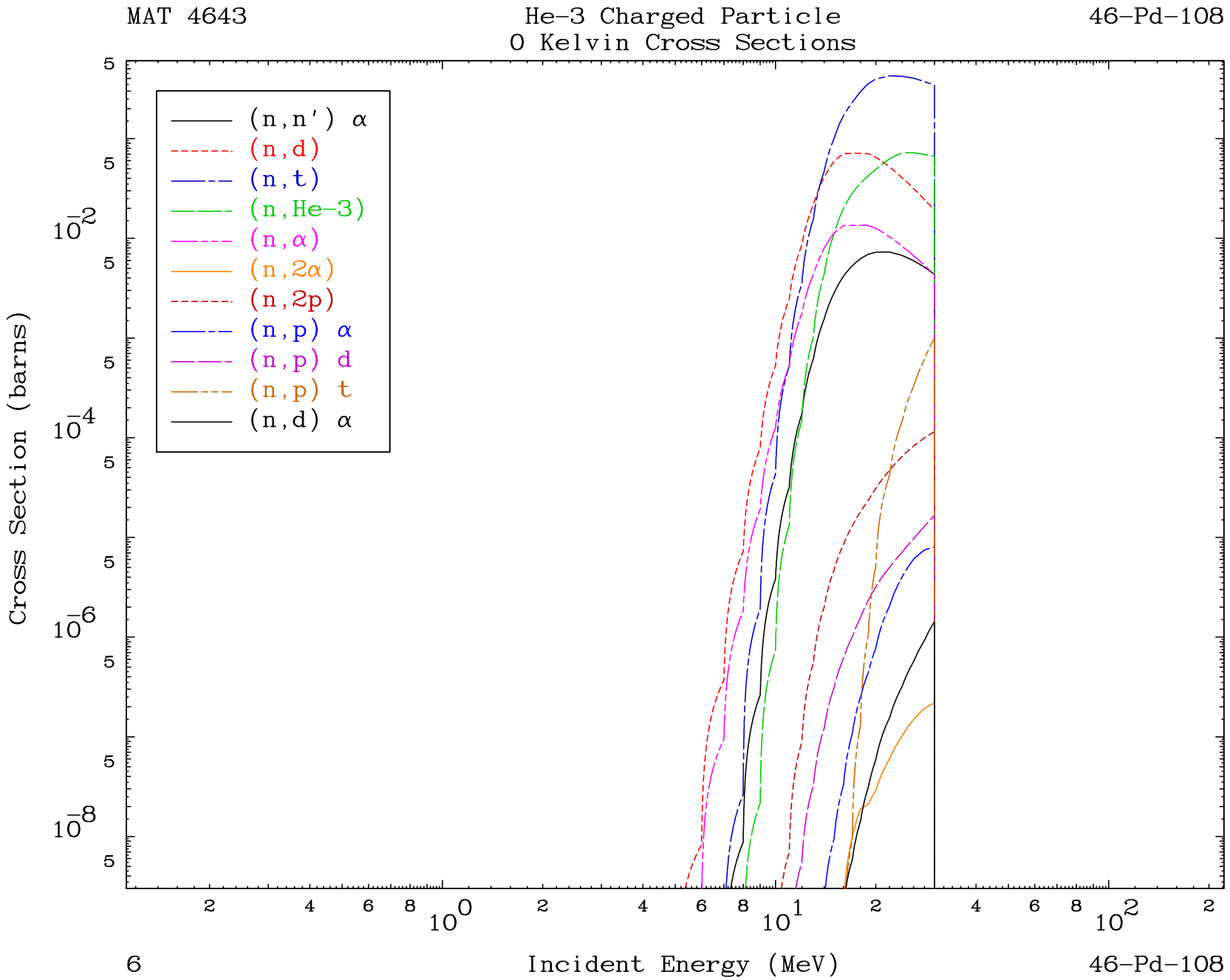

MAT 4643
He-3 Major
46-Pd-108
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-108
1

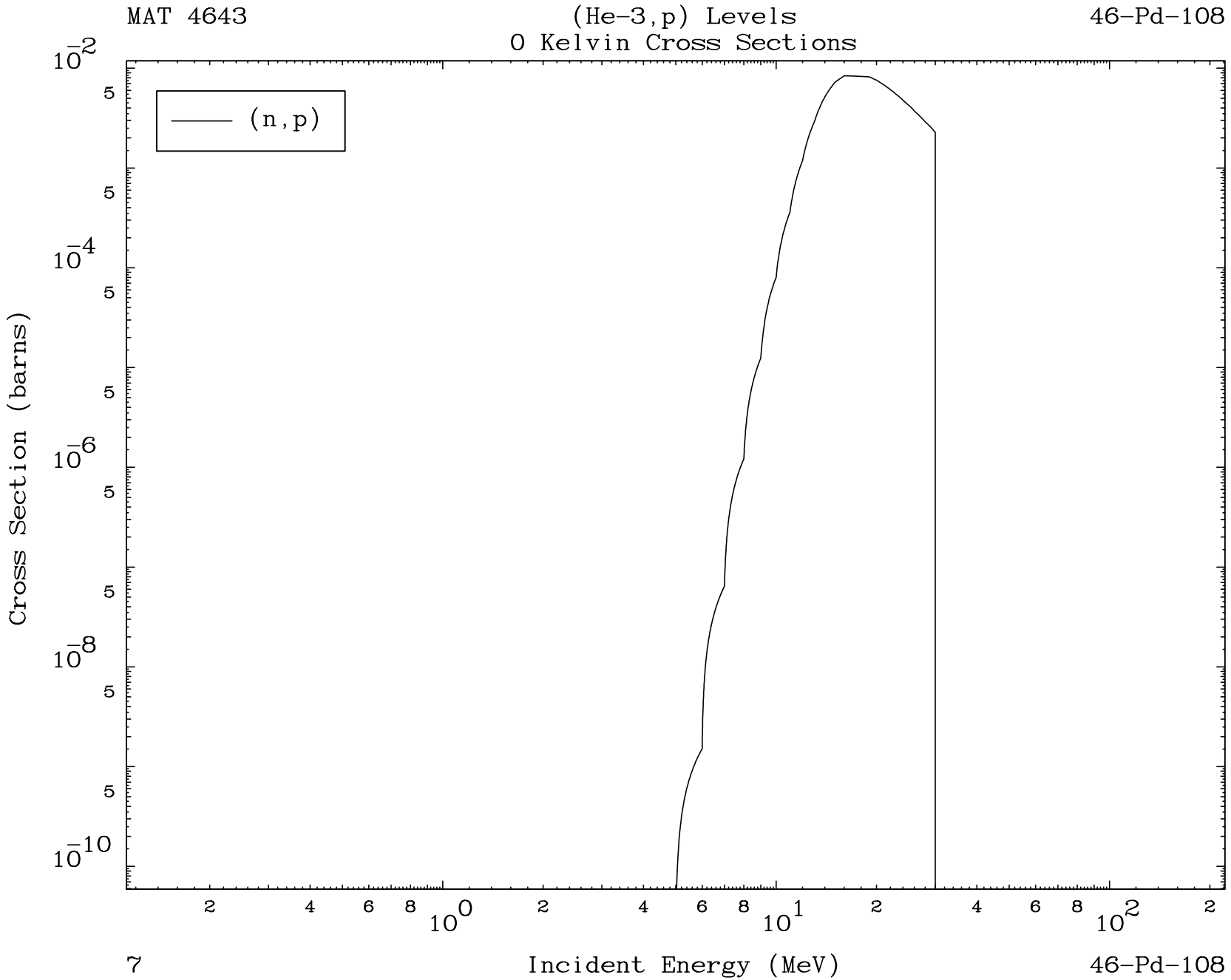

MAT 4643
He-3 Neutron Absorption
0 Kelvin Cross Sections
46-Pd-108
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
46-Pd-108
2

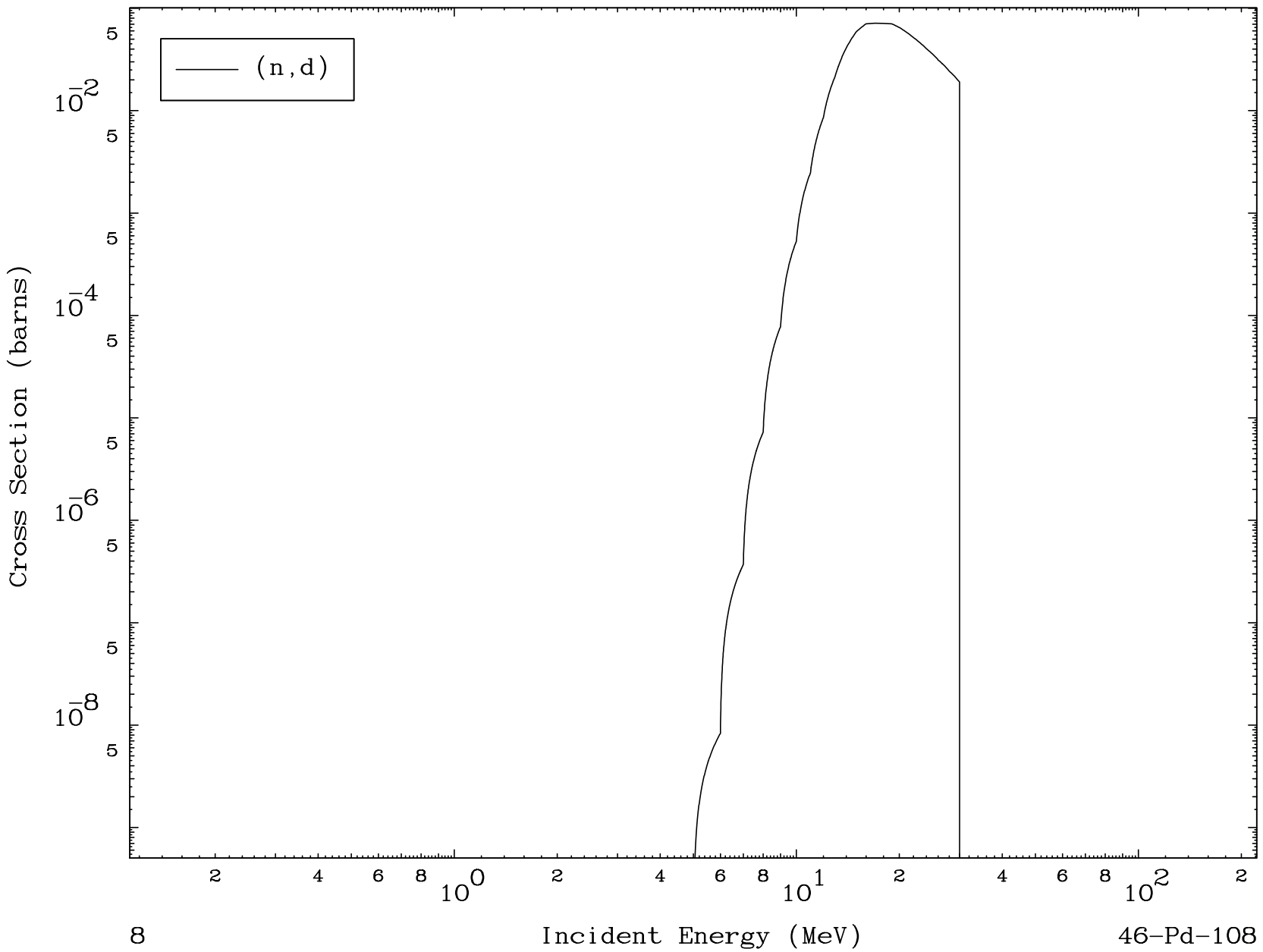

MAT 4643
He-3 Neutron Absorption
0 Kelvin Cross Sections
46-Pd-108
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
46-Pd-108

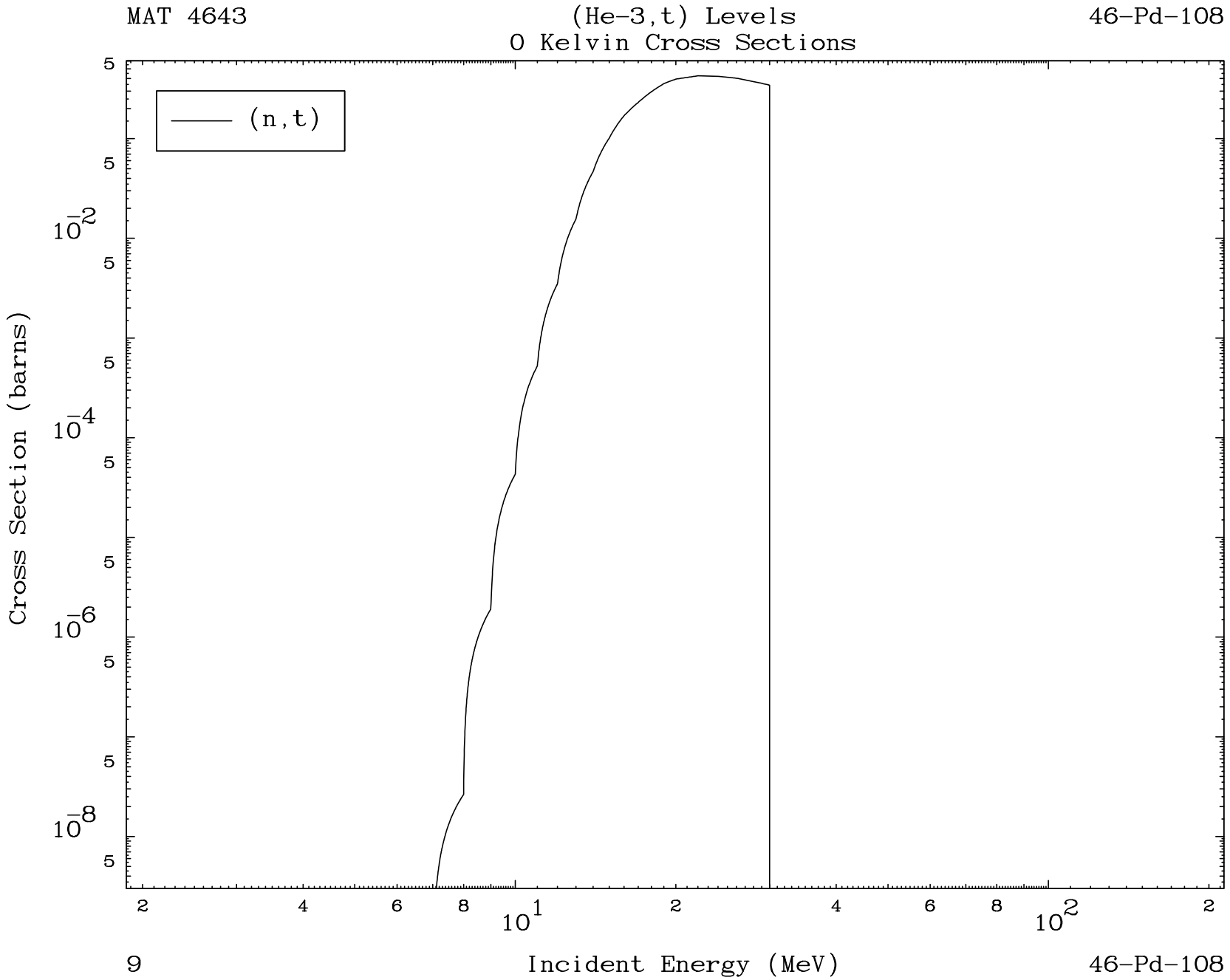

MAT 4643
He-3 Neutron Absorption
0 Kelvin Cross Sections
46-Pd-108
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
46-Pd-108

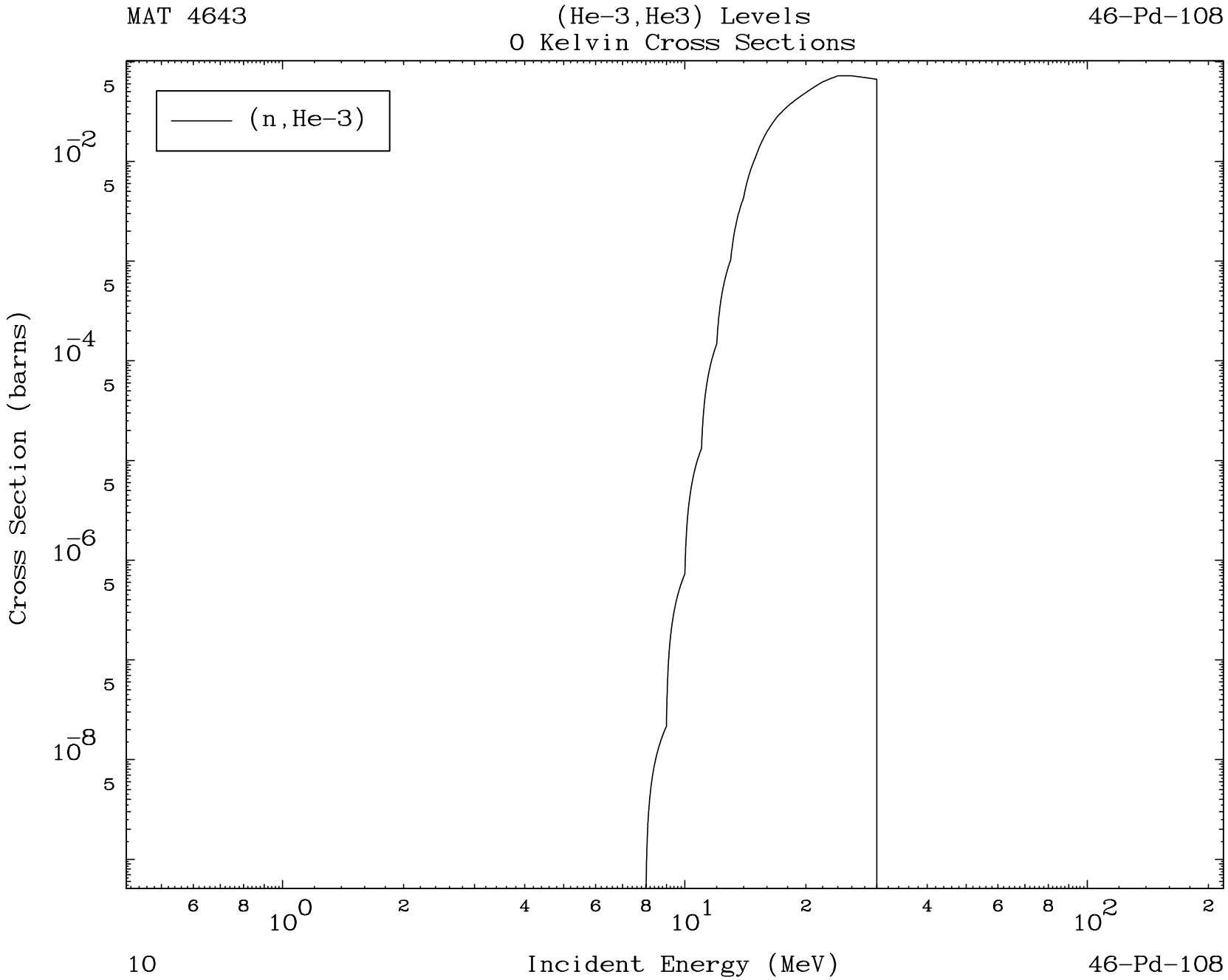

MAT 4643
He-3 Charged Particle
0 Kelvin Cross Sections
46-Pd-108
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-108

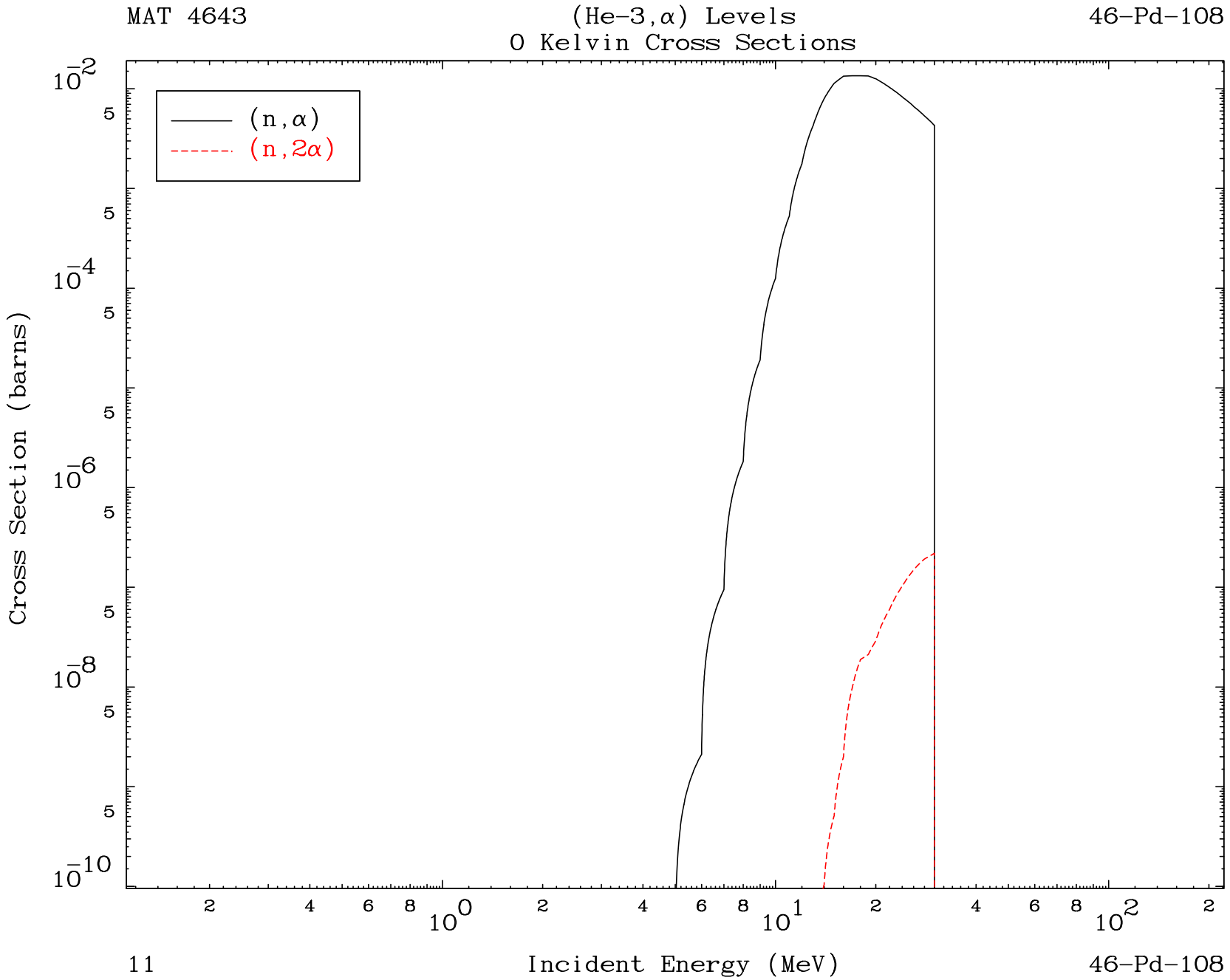

MAT 4643
He-3 Charged Particle
0 Kelvin Cross Sections
46-Pd-108
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
46-Pd-108

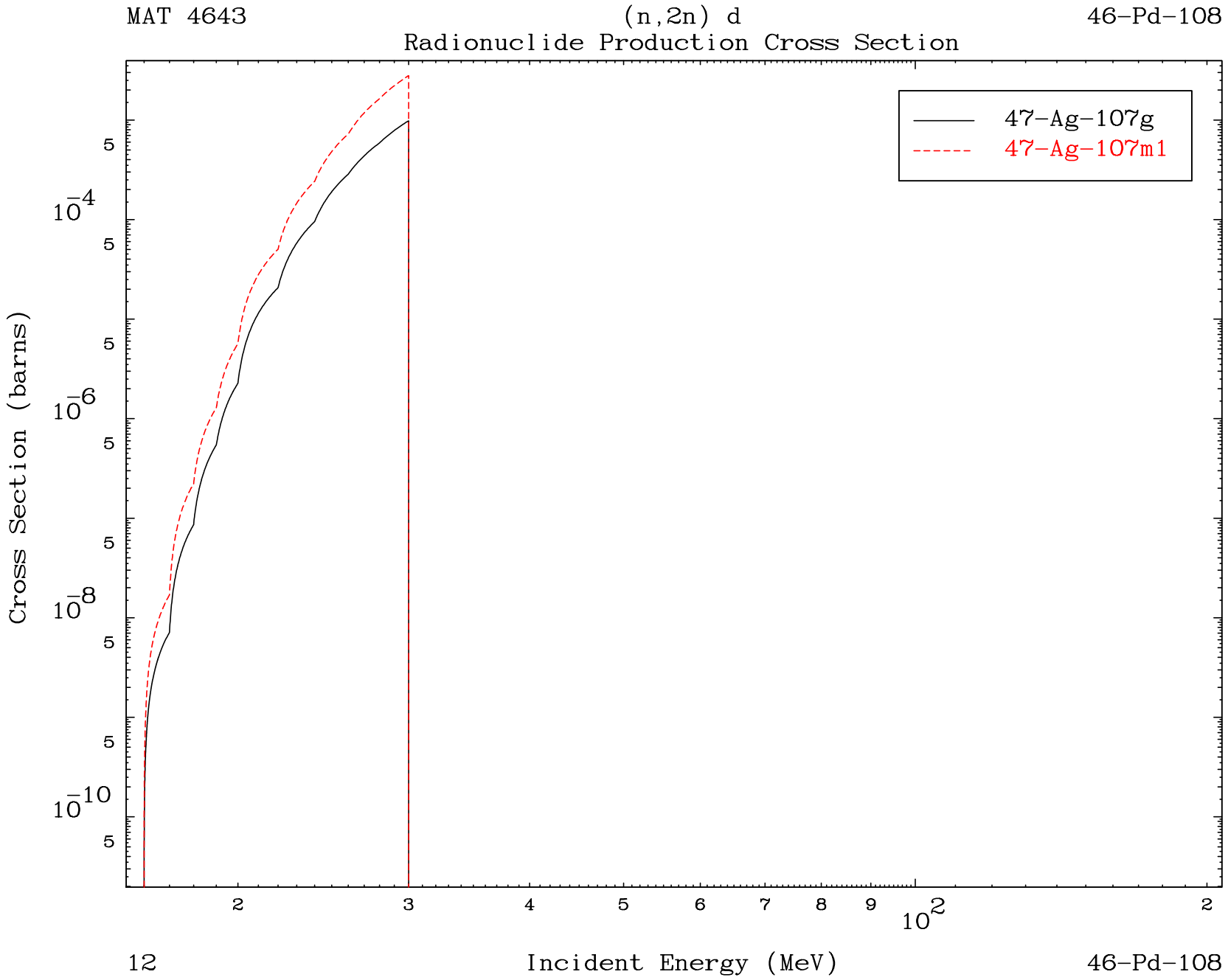

MAT 4643
(He-3,p) Levels
46-Pd-108
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
46-Pd-108

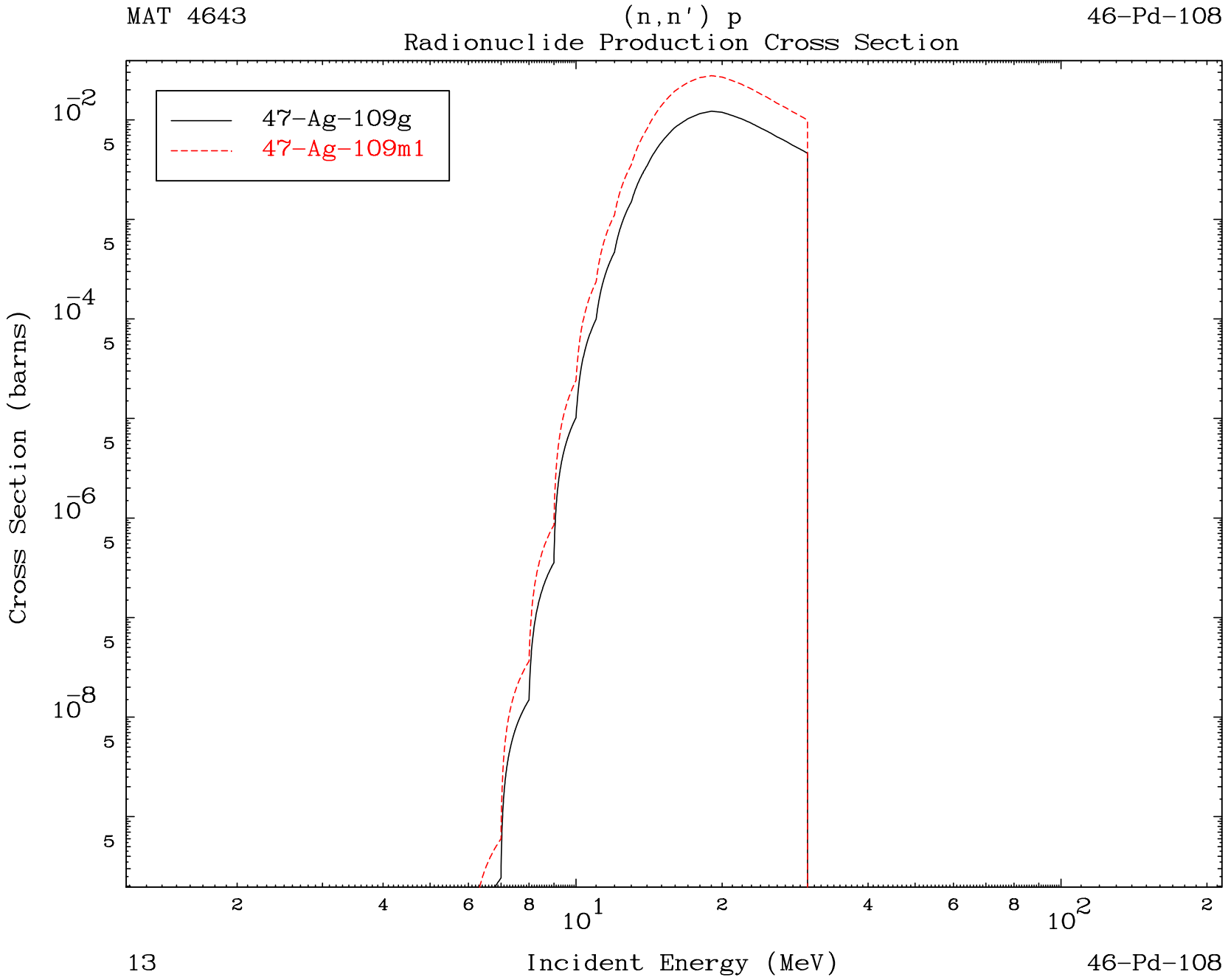

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)

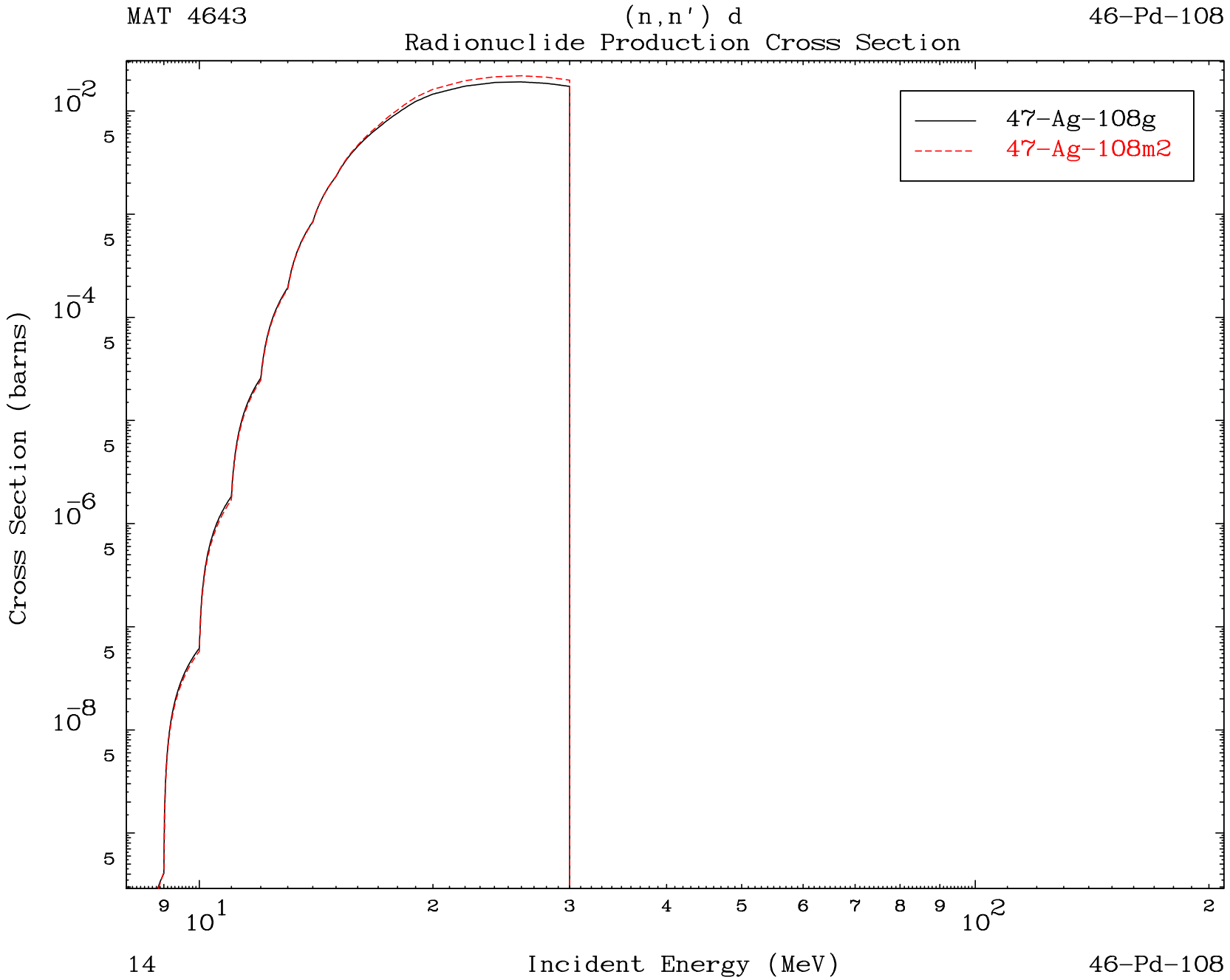

MAT 4643
(He-3,t) Levels
46-Pd-108
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
46-Pd-108

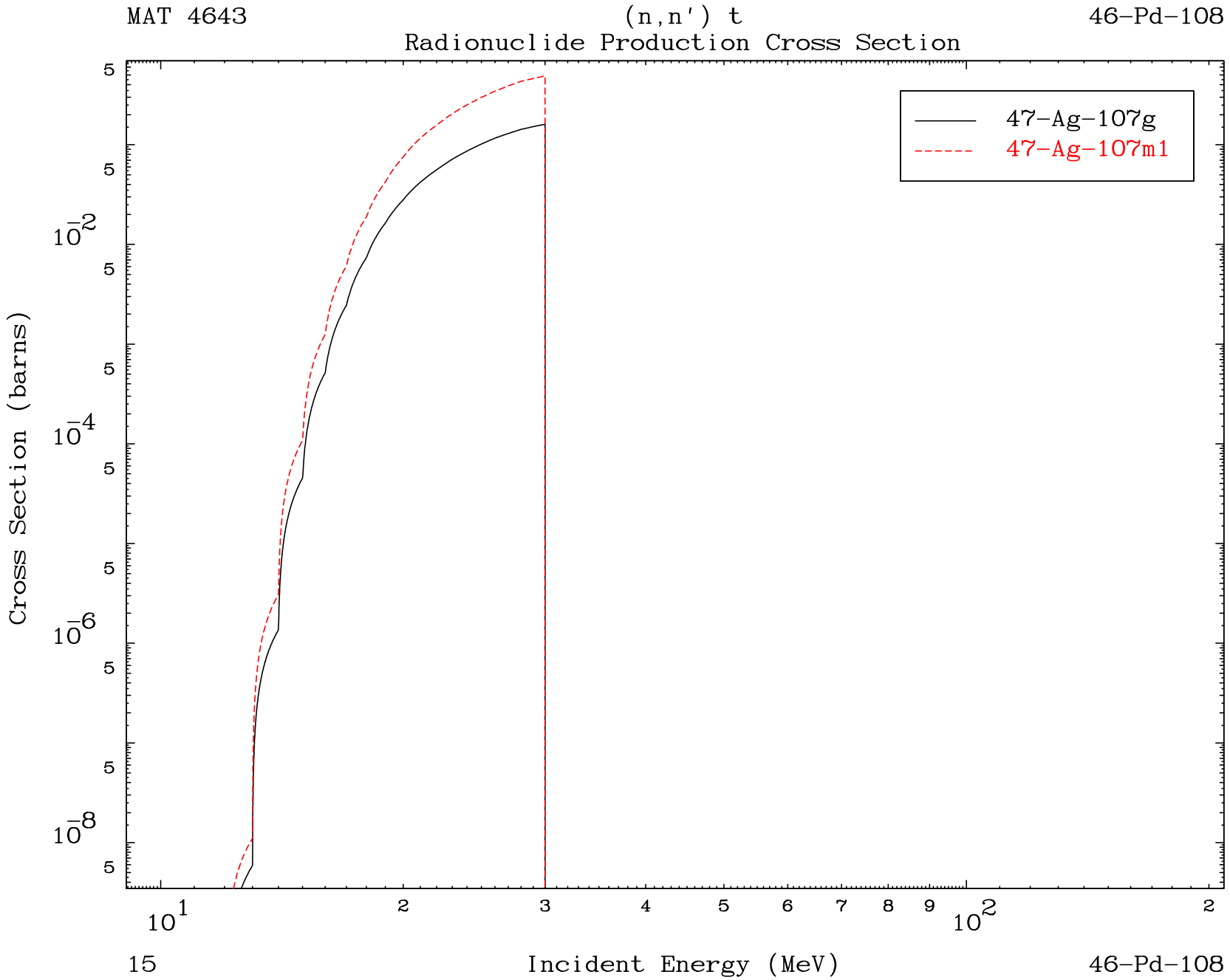

MAT 4643
(He-3,He3) Levels
46-Pd-108
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
46-Pd-108

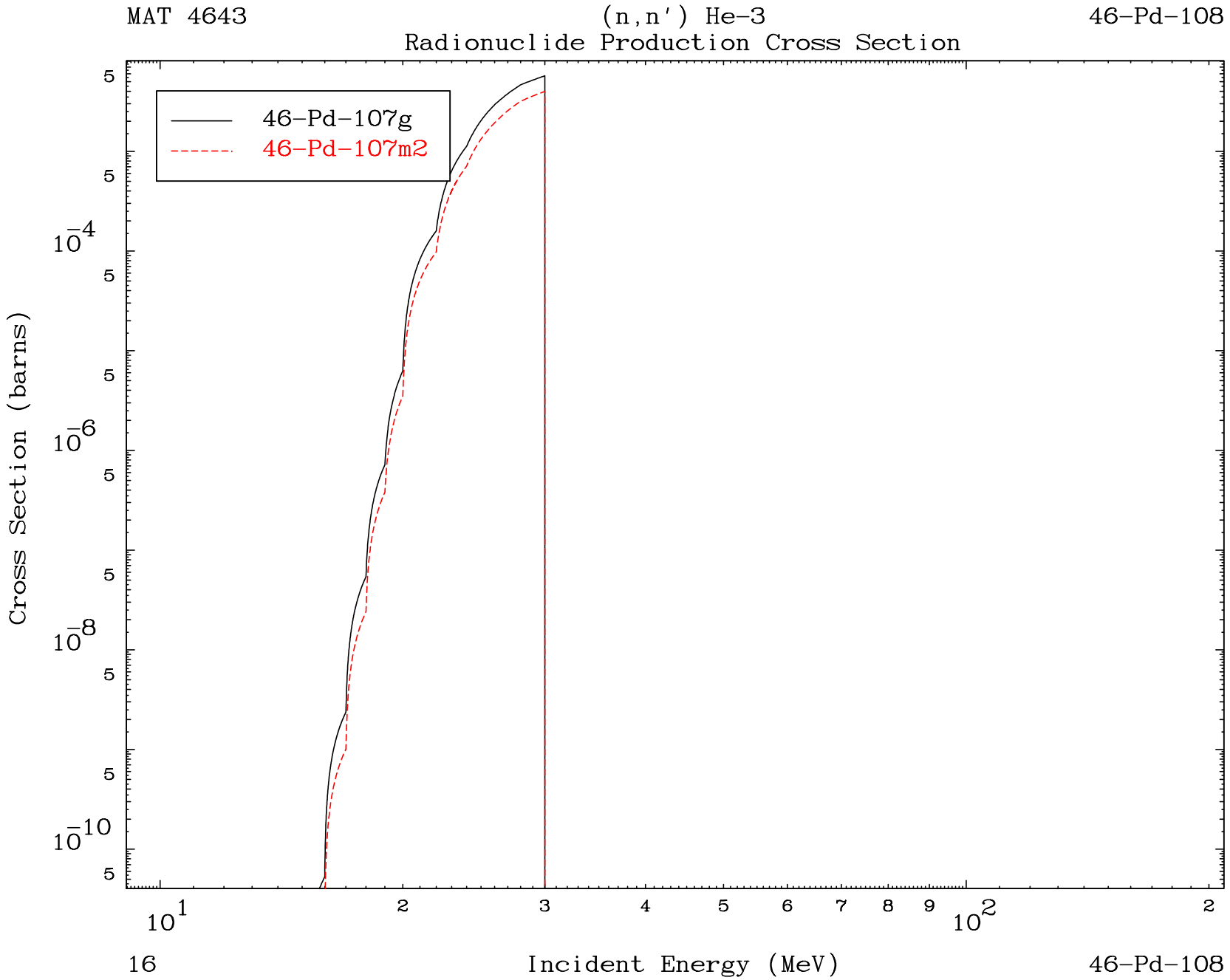

MAT 4643
(He-3,α) Levels
46-Pd-108
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
46-Pd-108

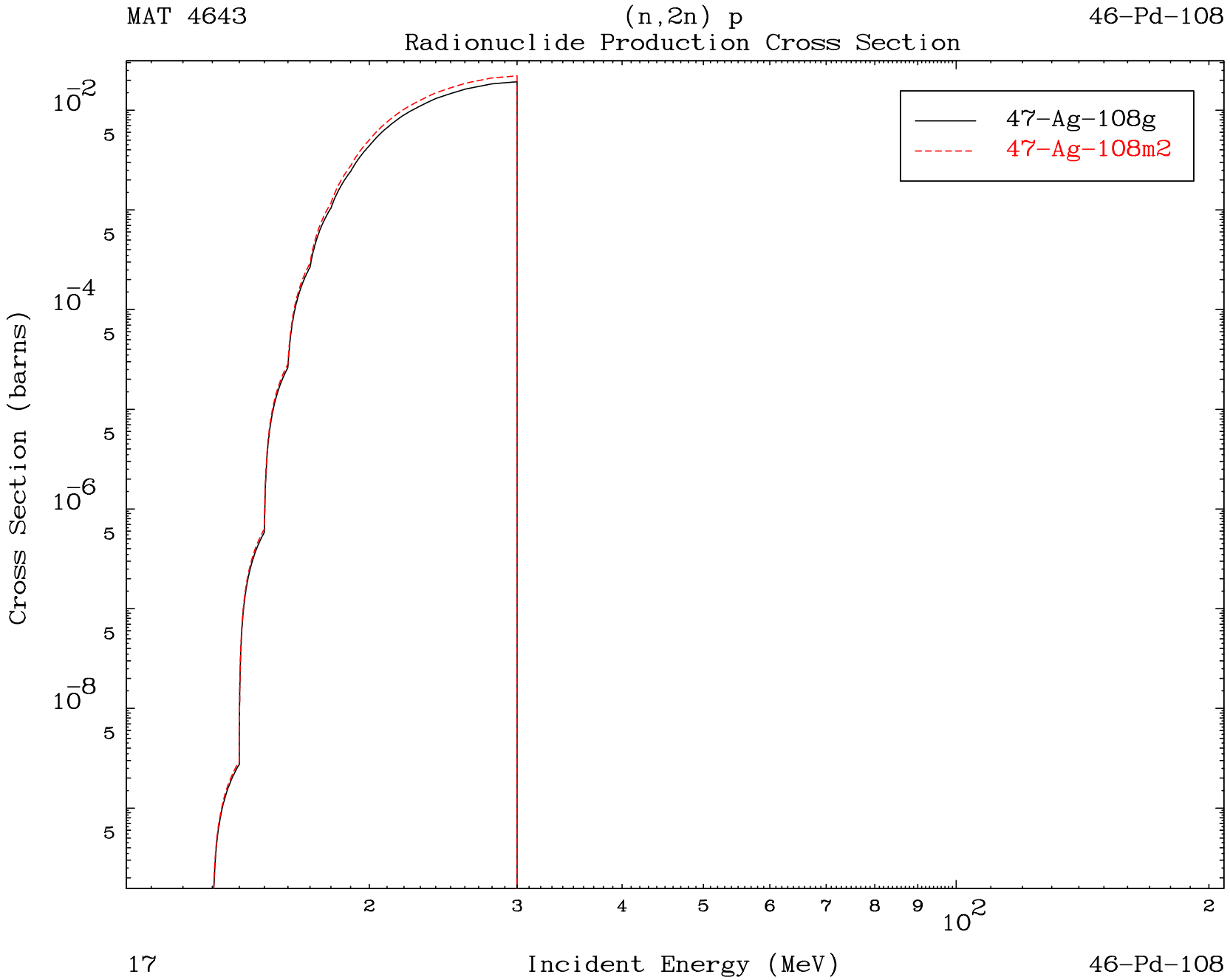

MAT 4643
(n,2n) d
46-Pd-108
Radionuclide Production Cross Section
47-Ag-107g
47-Ag-107m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
6
7
8
9
10 2
12
Incident Energy (MeV)
46-Pd-108

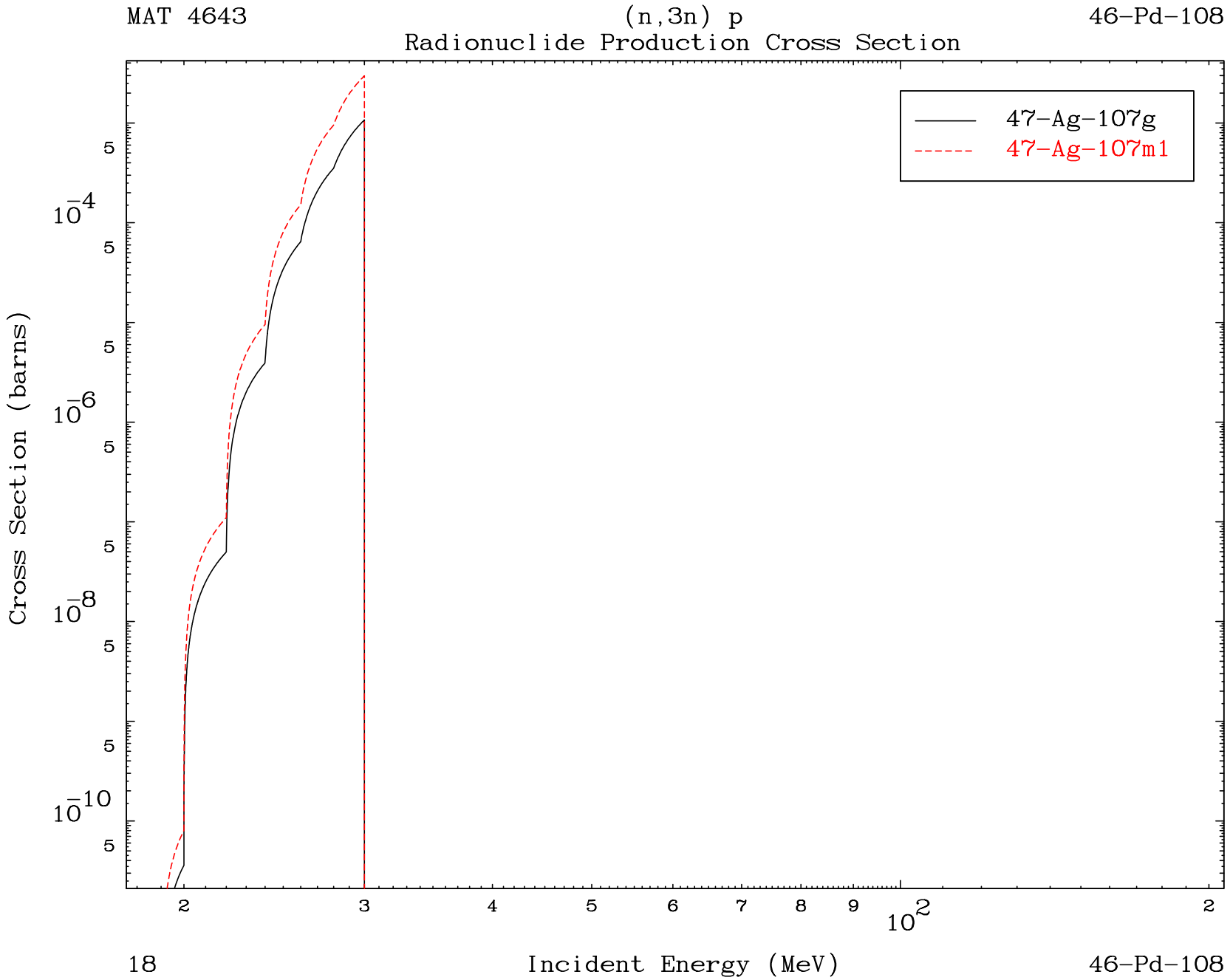

MAT 4643
(n,n') p
46-Pd-108
Radionuclide Production Cross Section
47-Ag-109g
47-Ag-109m1
Cross Section (barns)
Incident Energy (MeV)
13
46-Pd-108

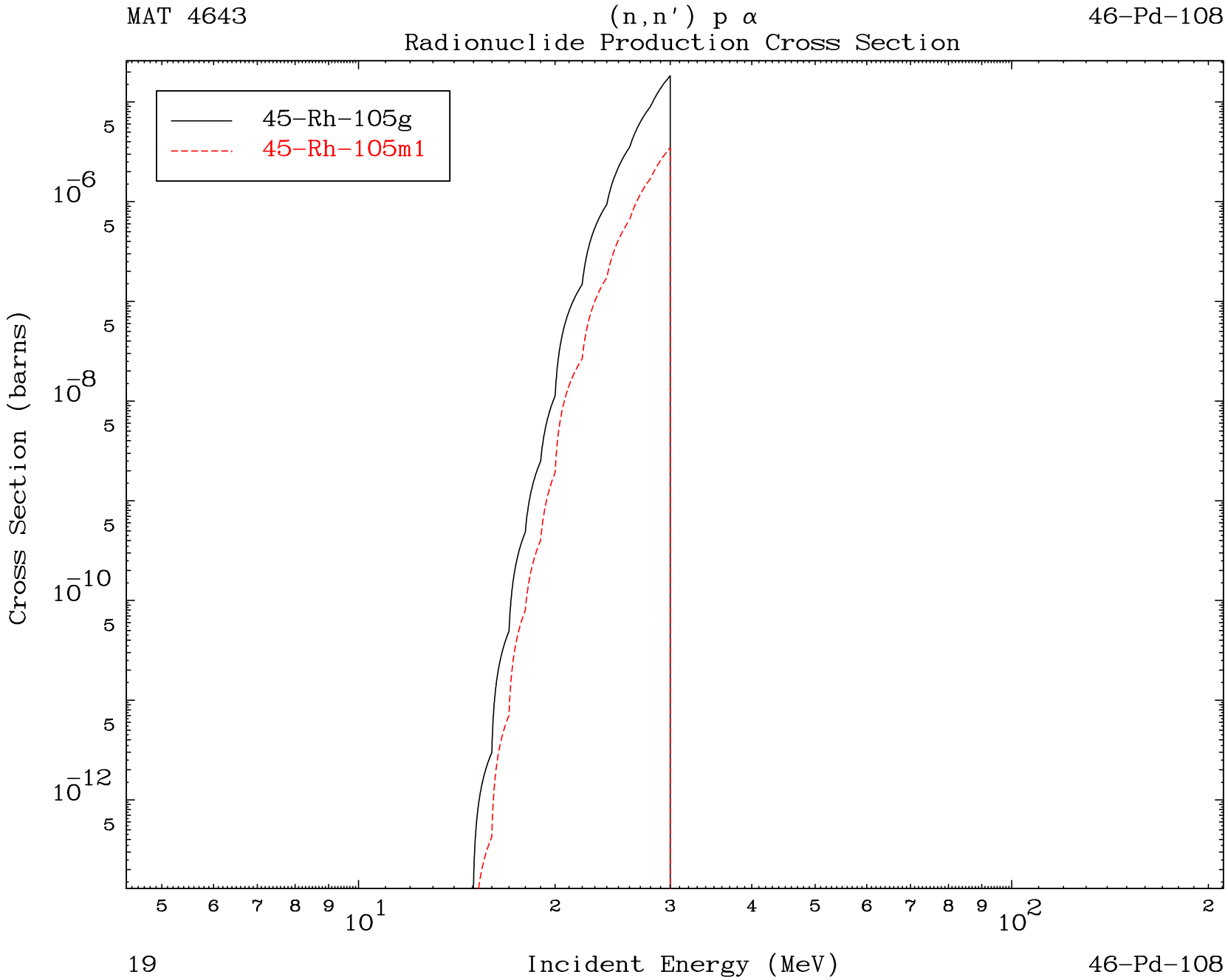

MAT 4643
(n,n') d
46-Pd-108
Radionuclide Production Cross Section
47-Ag-108g
47-Ag-108m2
Cross Section (barns)
Incident Energy (MeV)
14
46-Pd-108

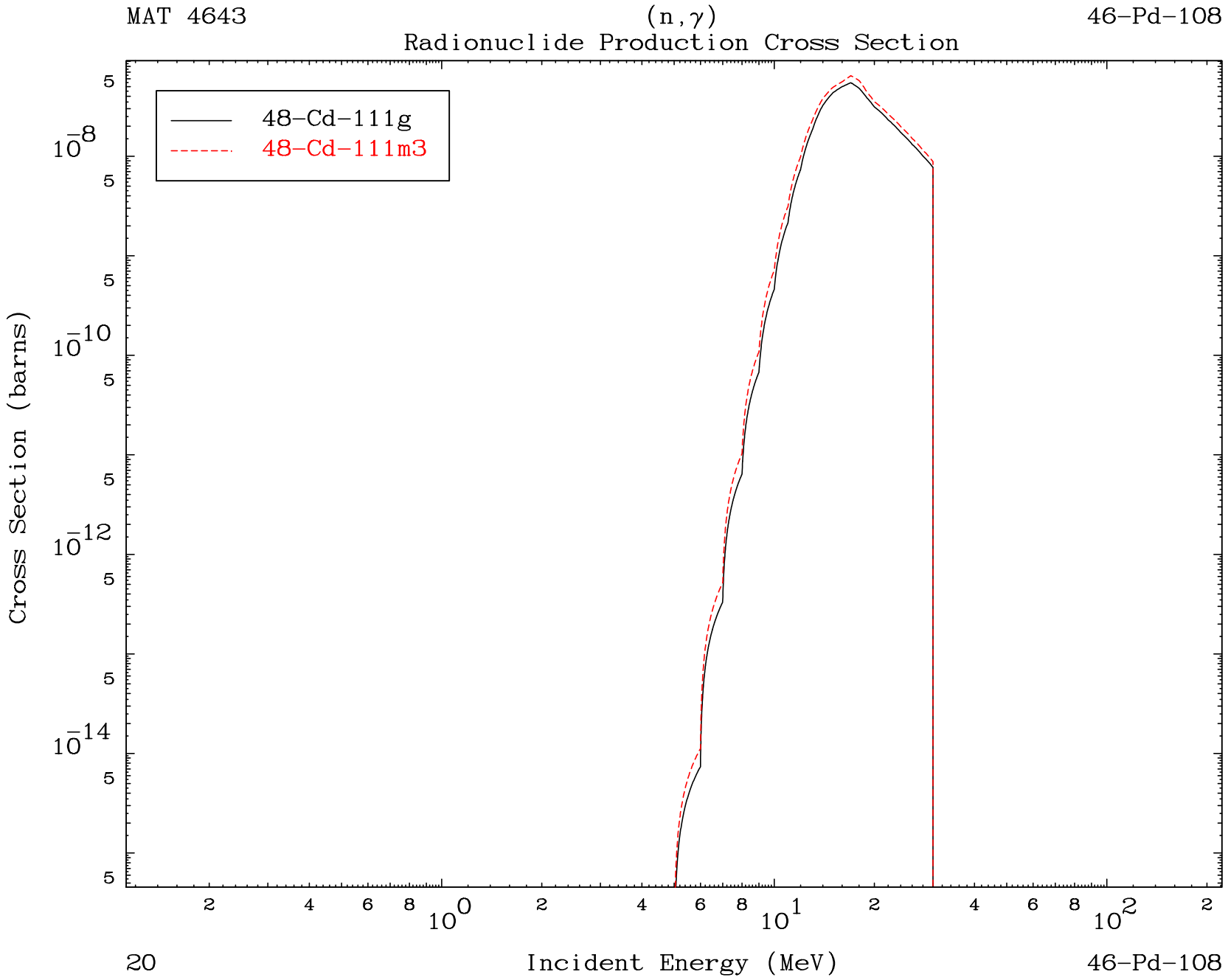

MAT 4643
(n,n') t
46-Pd-108
Radionuclide Production Cross Section
47-Ag-107g
47-Ag-107m1
Cross Section (barns)
Incident Energy (MeV)
15
46-Pd-108

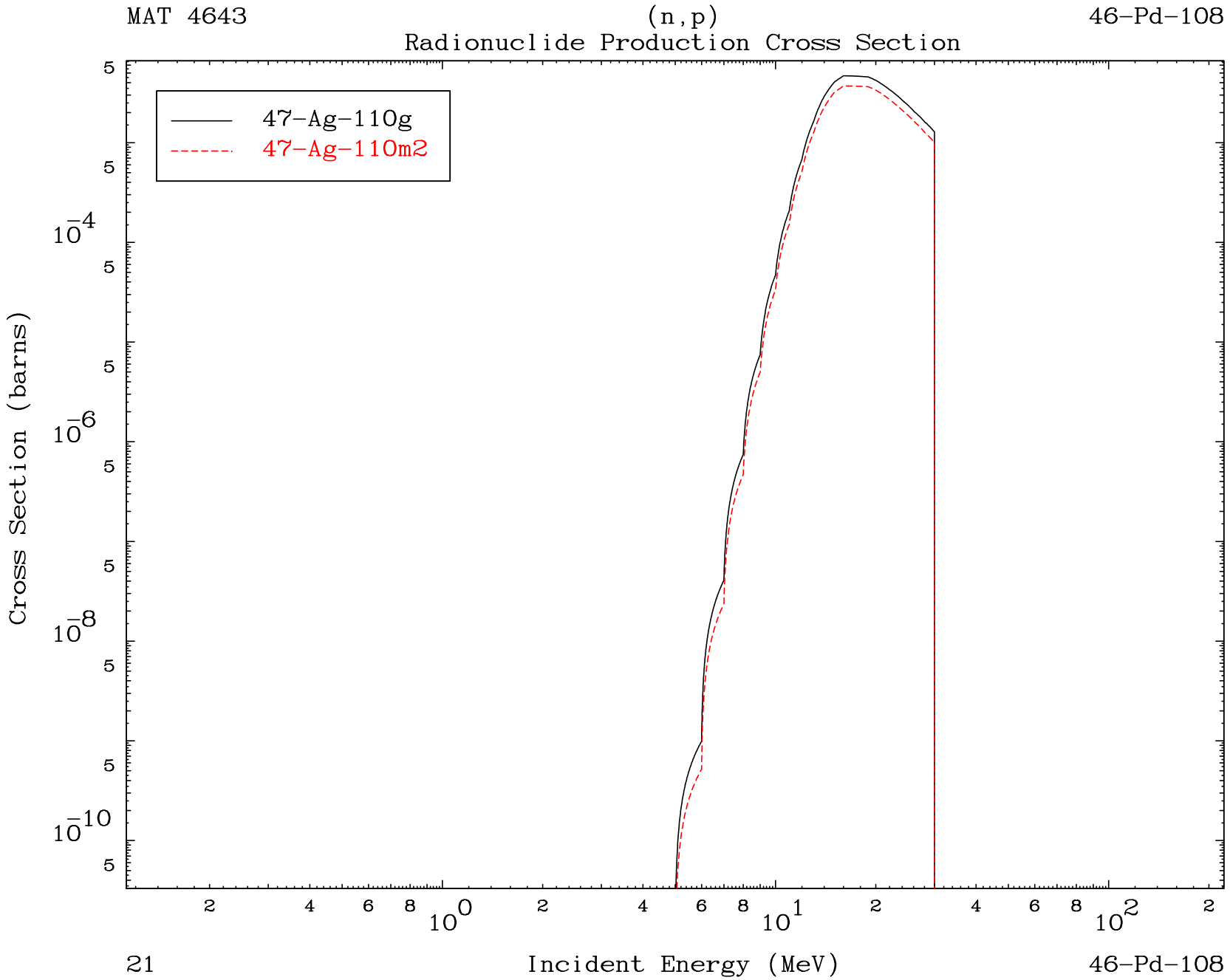

MAT 4643
(n,n') He-3
46-Pd-108
Radionuclide Production Cross Section
46-Pd-107g
46-Pd-107m2
Cross Section (barns)
Incident Energy (MeV)
16
46-Pd-108

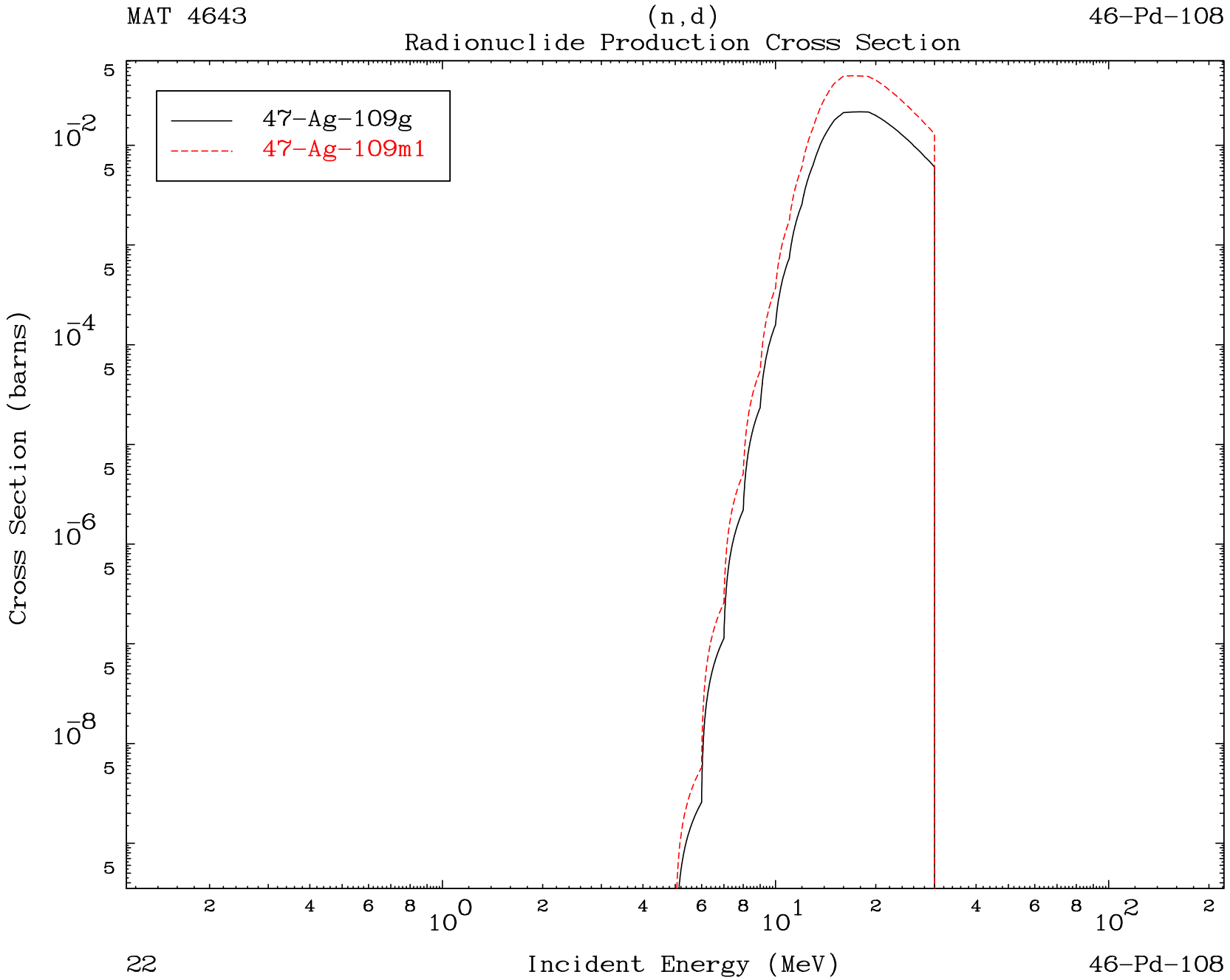

MAT 4643
(n,2n) p
46-Pd-108
Radionuclide Production Cross Section
47-Ag-108g
47-Ag-108m2
Cross Section (barns)
Incident Energy (MeV)
17
46-Pd-108

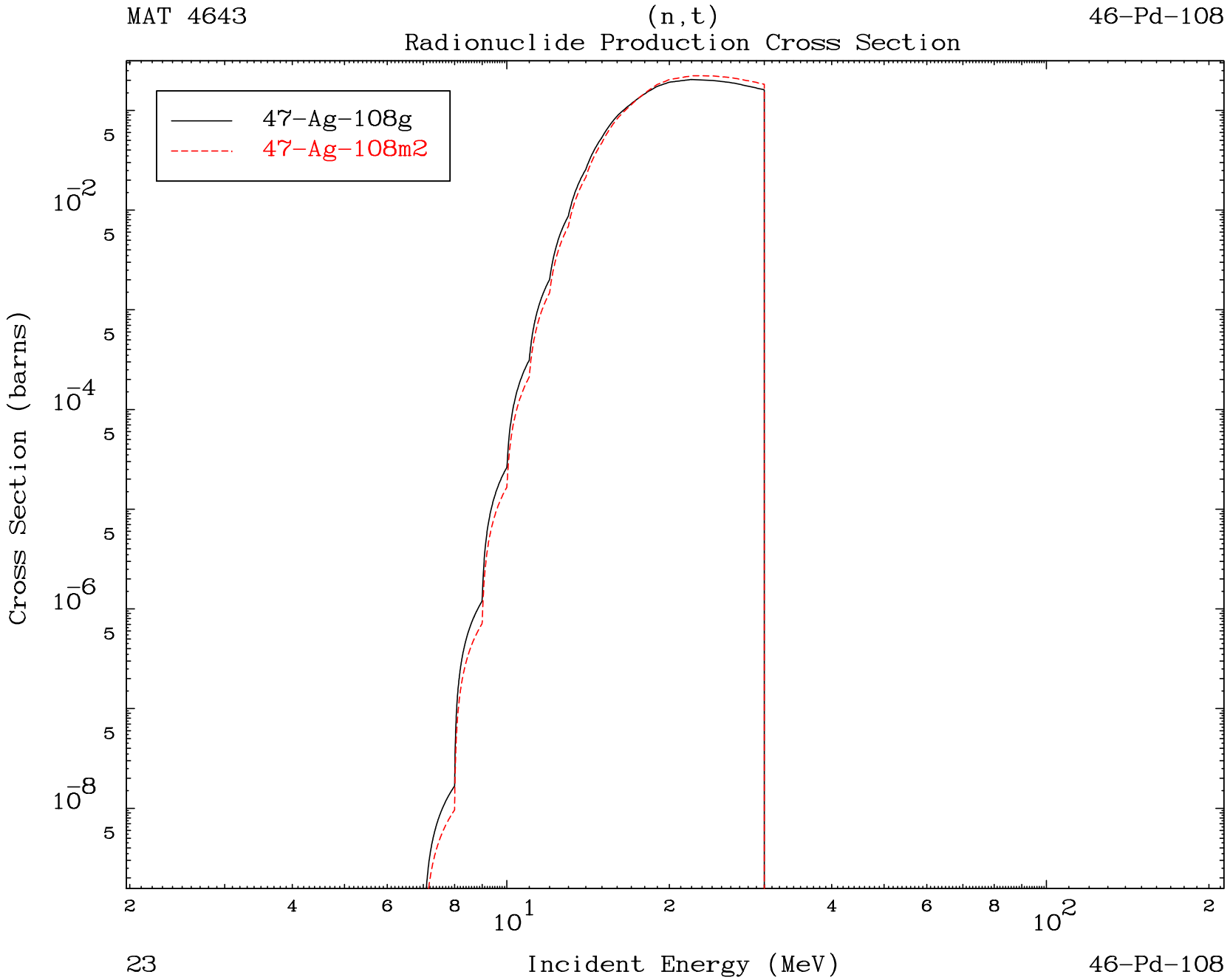

MAT 4643
(n,3n) p
46-Pd-108
Radionuclide Production Cross Section
47-Ag-107g
47-Ag-107m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
46-Pd-108


MAT 4643
(n,n') p α
46-Pd-108
Radionuclide Production Cross Section
45-Rh-105g
45-Rh-105m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
46-Pd-108


MAT 4643
(n,γ)
46-Pd-108
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
Incident Energy (MeV)
20
46-Pd-108


MAT 4643
(n,p)
46-Pd-108
Radionuclide Production Cross Section
47-Ag-110g
47-Ag-110m2
Cross Section (barns)
Incident Energy (MeV)
21
46-Pd-108


MAT 4643
(n,d)
46-Pd-108
Radionuclide Production Cross Section
47-Ag-109g
47-Ag-109m1
Cross Section (barns)
Incident Energy (MeV)
22
46-Pd-108


MAT 4643
(n,t)
46-Pd-108
Radionuclide Production Cross Section
47-Ag-108g
47-Ag-108m2
Cross Section (barns)
10-2
10-4
10-6
10-8
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4
6
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101
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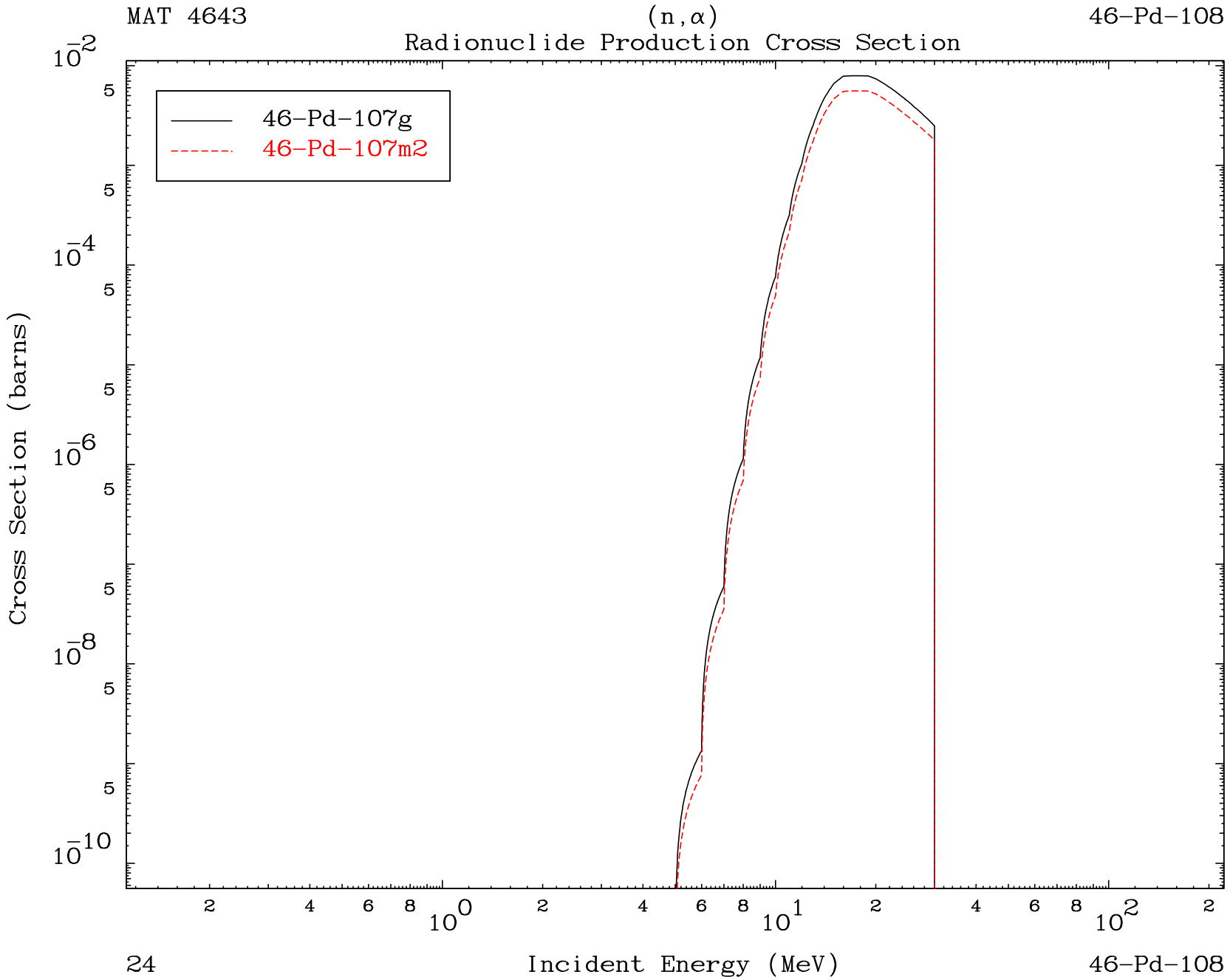
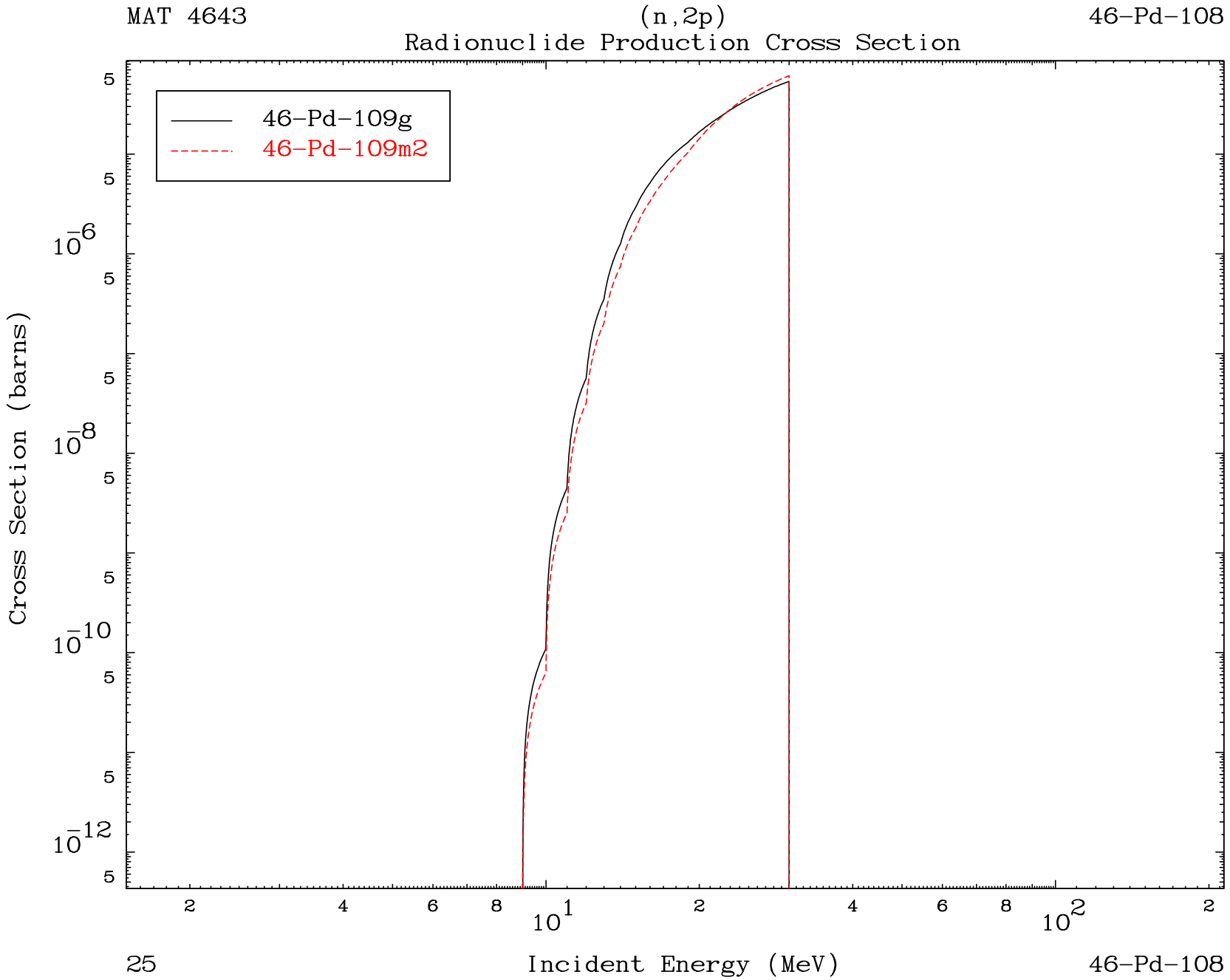
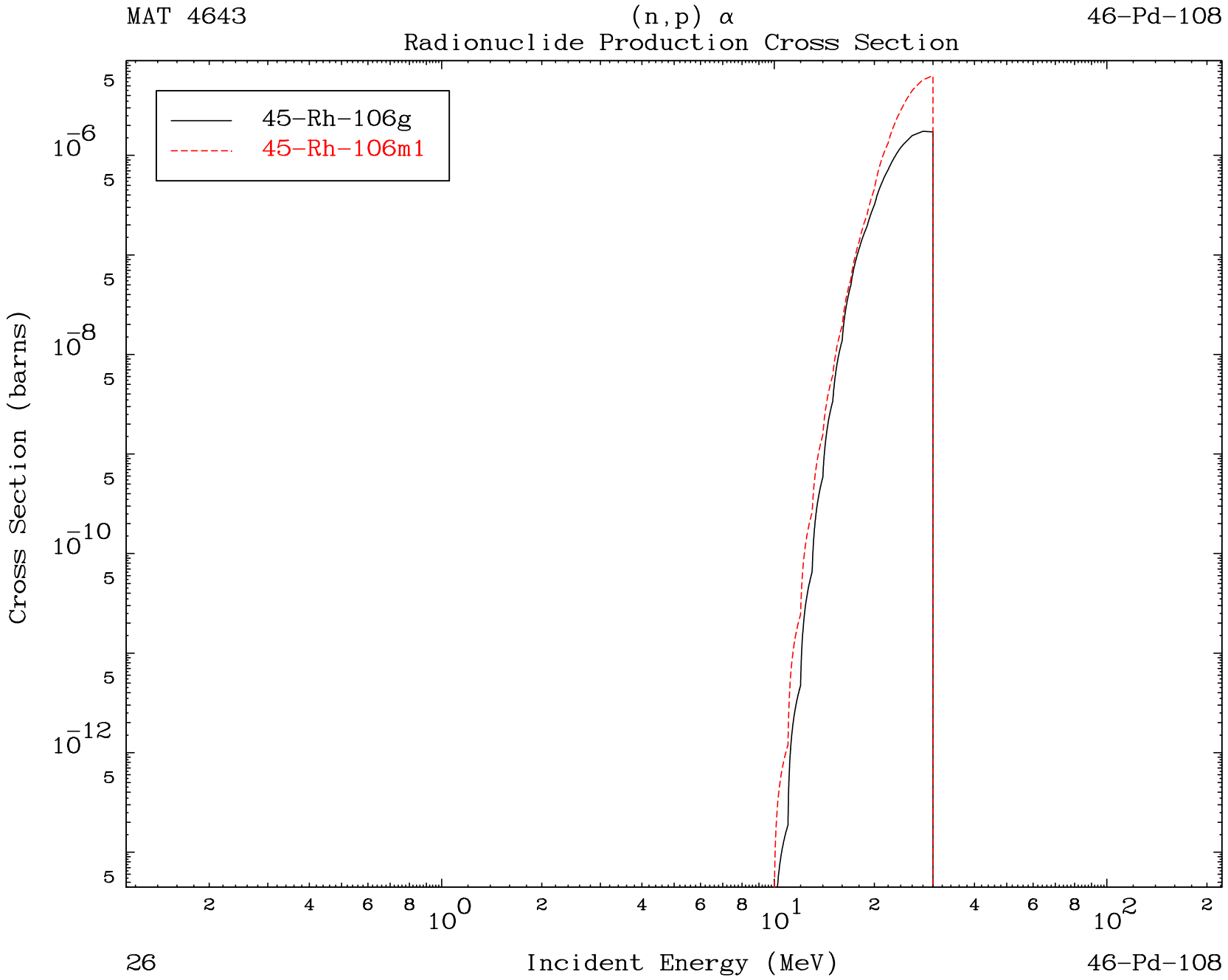
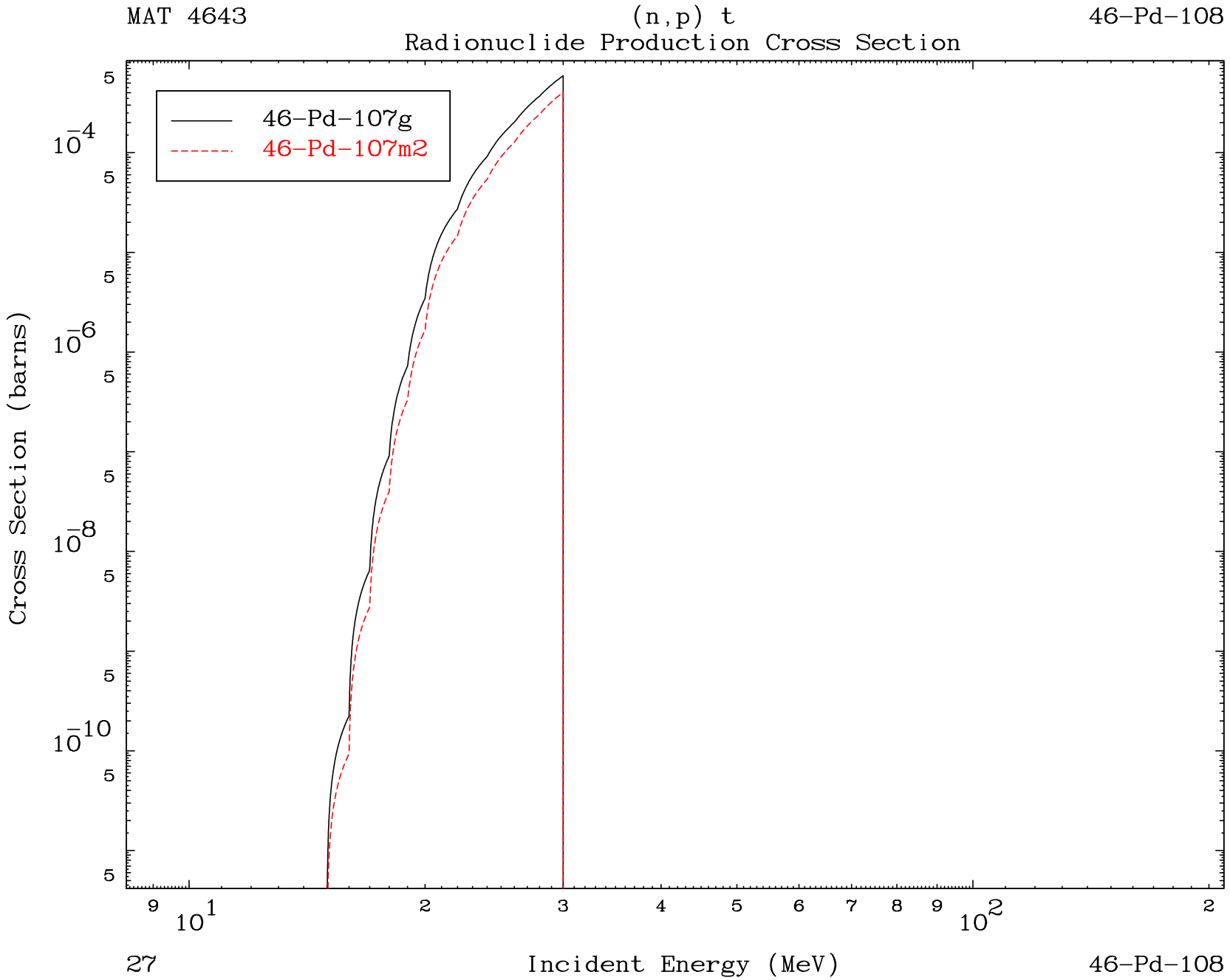
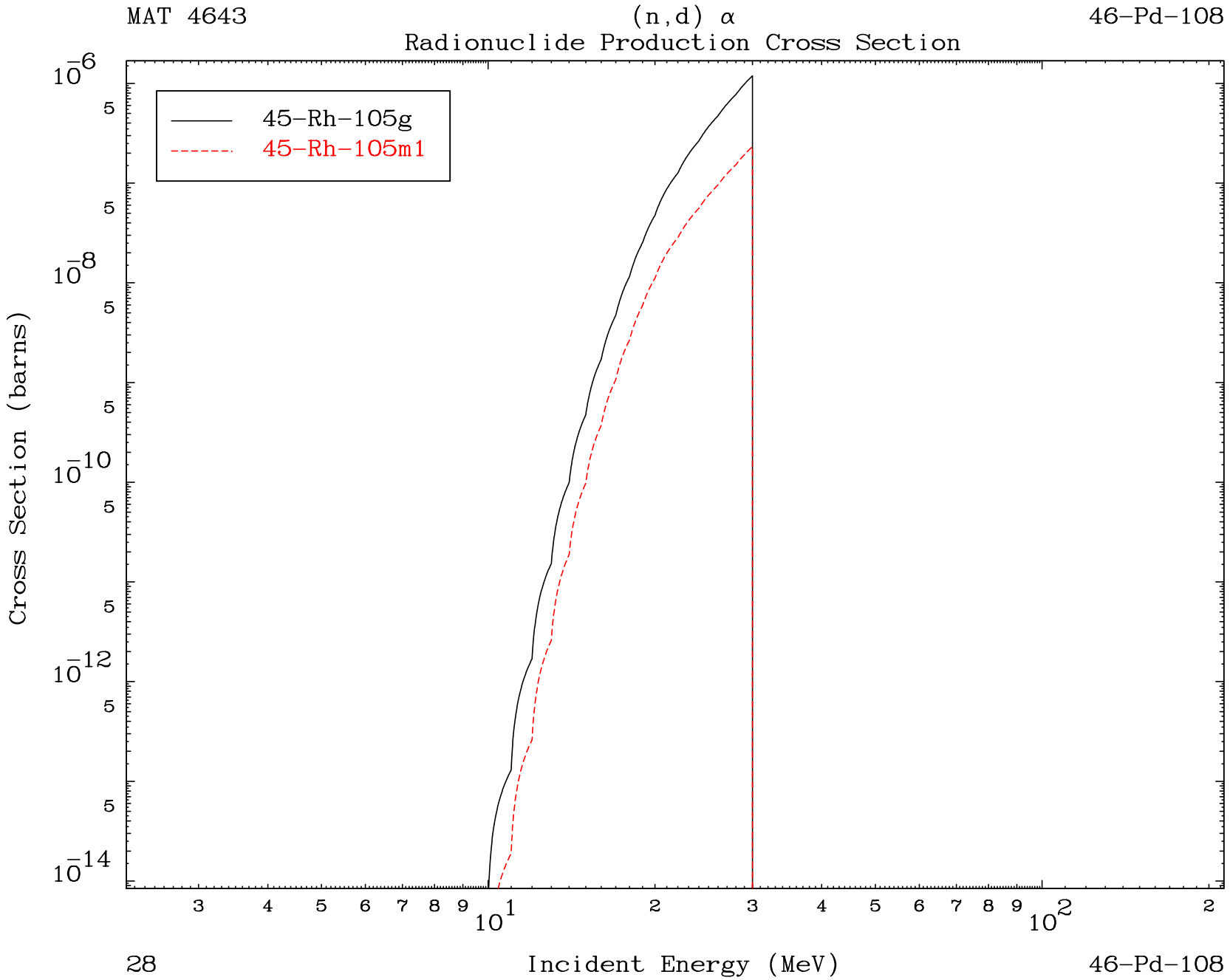
4
6
8
102
2
23
Incident Energy (MeV)
46-Pd-108


MAT 4643
(n,α)
46-Pd-108
Radionuclide Production Cross Section
46-Pd-107g
46-Pd-107m2
Cross Section (barns)
Incident Energy (MeV)
24
46-Pd-108


MAT 4643
(n,2p)
46-Pd-108
Radionuclide Production Cross Section
46-Pd-109g
46-Pd-109m2
Cross Section (barns)
Incident Energy (MeV)
25
46-Pd-108


MAT 4643
(n,p) α
46-Pd-108
Radionuclide Production Cross Section
45-Rh-106g
45-Rh-106m1
Cross Section (barns)
Incident Energy (MeV)
26
46-Pd-108


MAT 4643
(n,p) t
46-Pd-108
Radionuclide Production Cross Section
46-Pd-107g
46-Pd-107m2
Cross Section (barns)
Incident Energy (MeV)
27
46-Pd-108


MAT 4643
(n,d) α
46-Pd-108
Radionuclide Production Cross Section
45-Rh-105g
45-Rh-105m1
Cross Section (barns)
Incident Energy (MeV)
28
46-Pd-108