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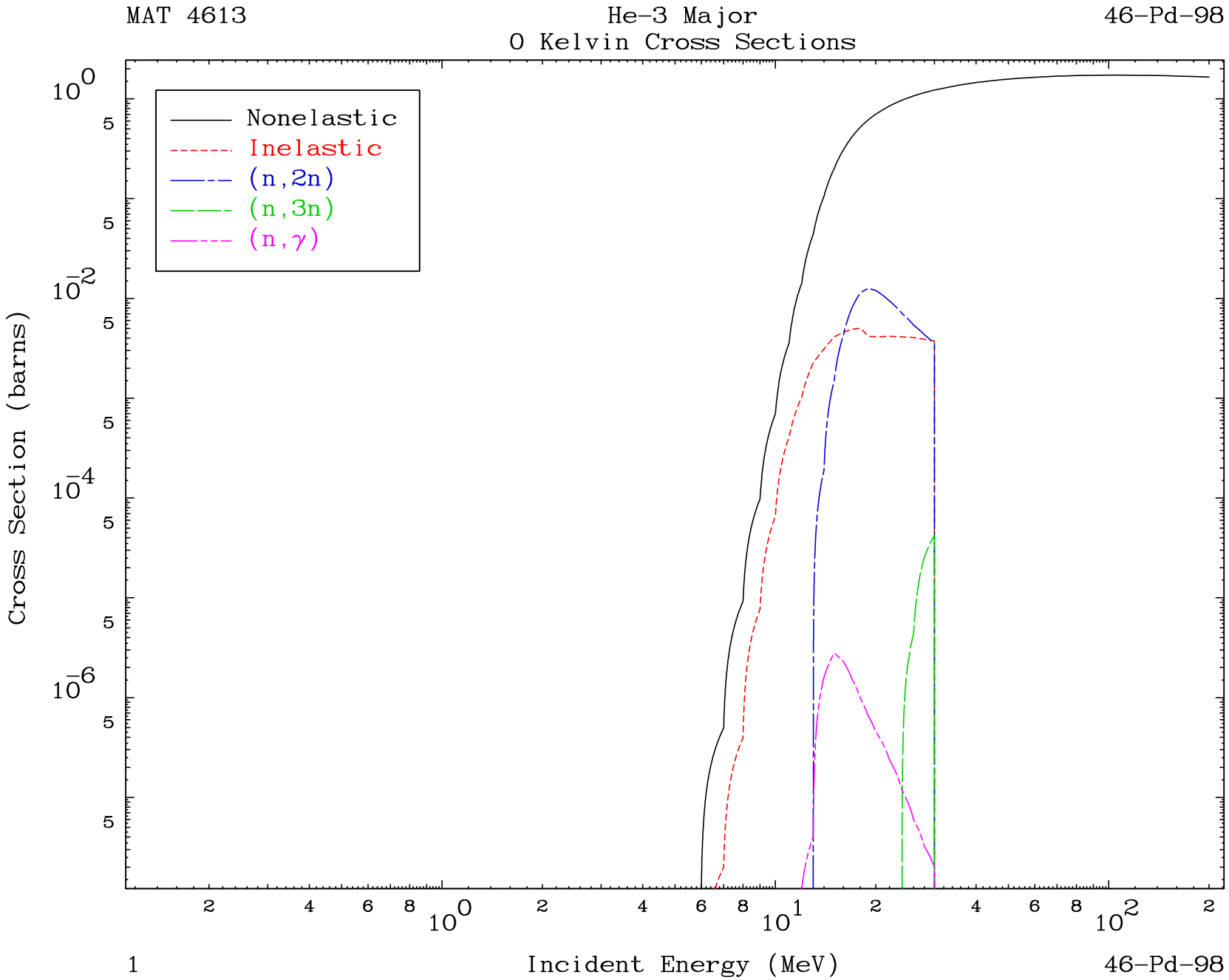
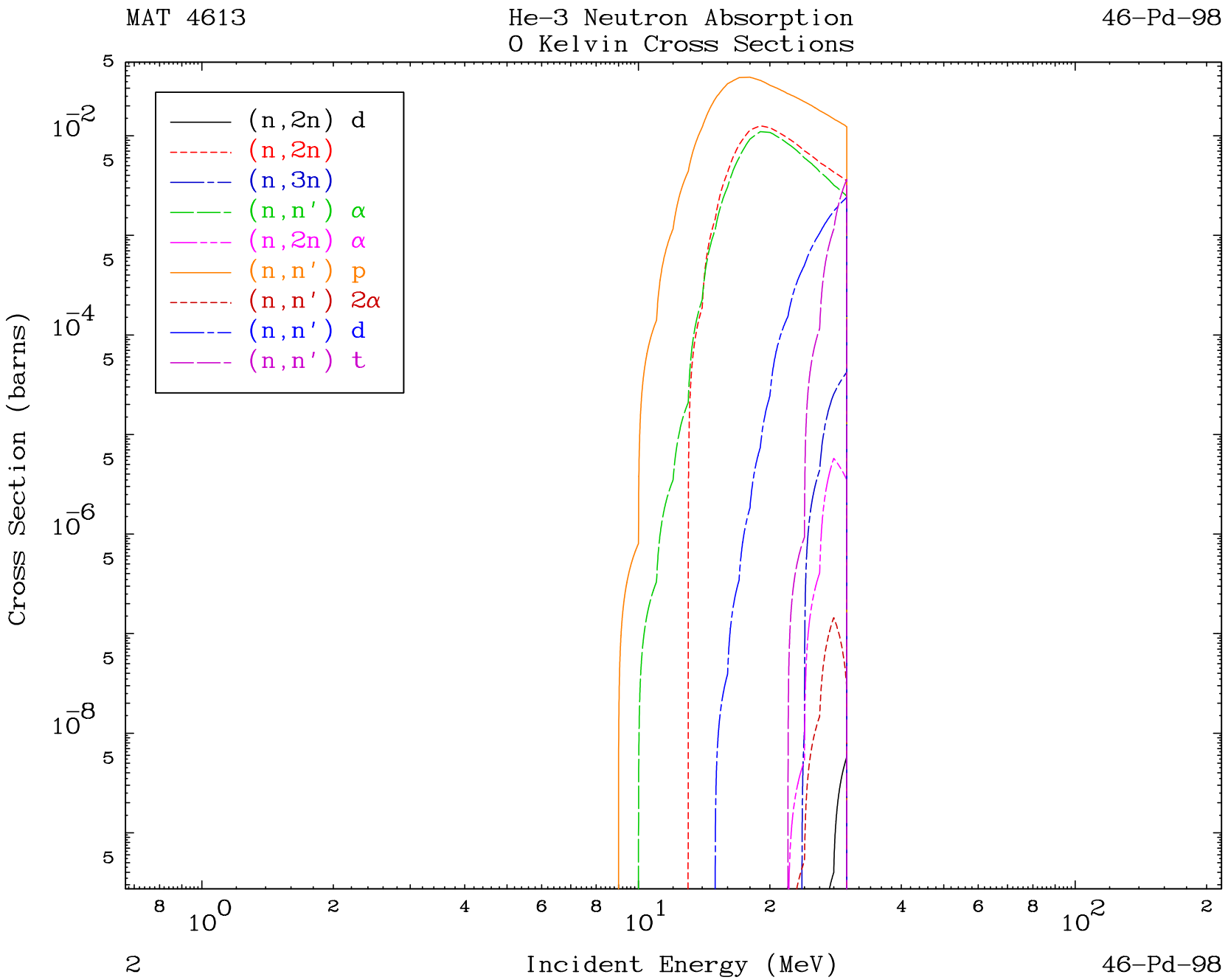
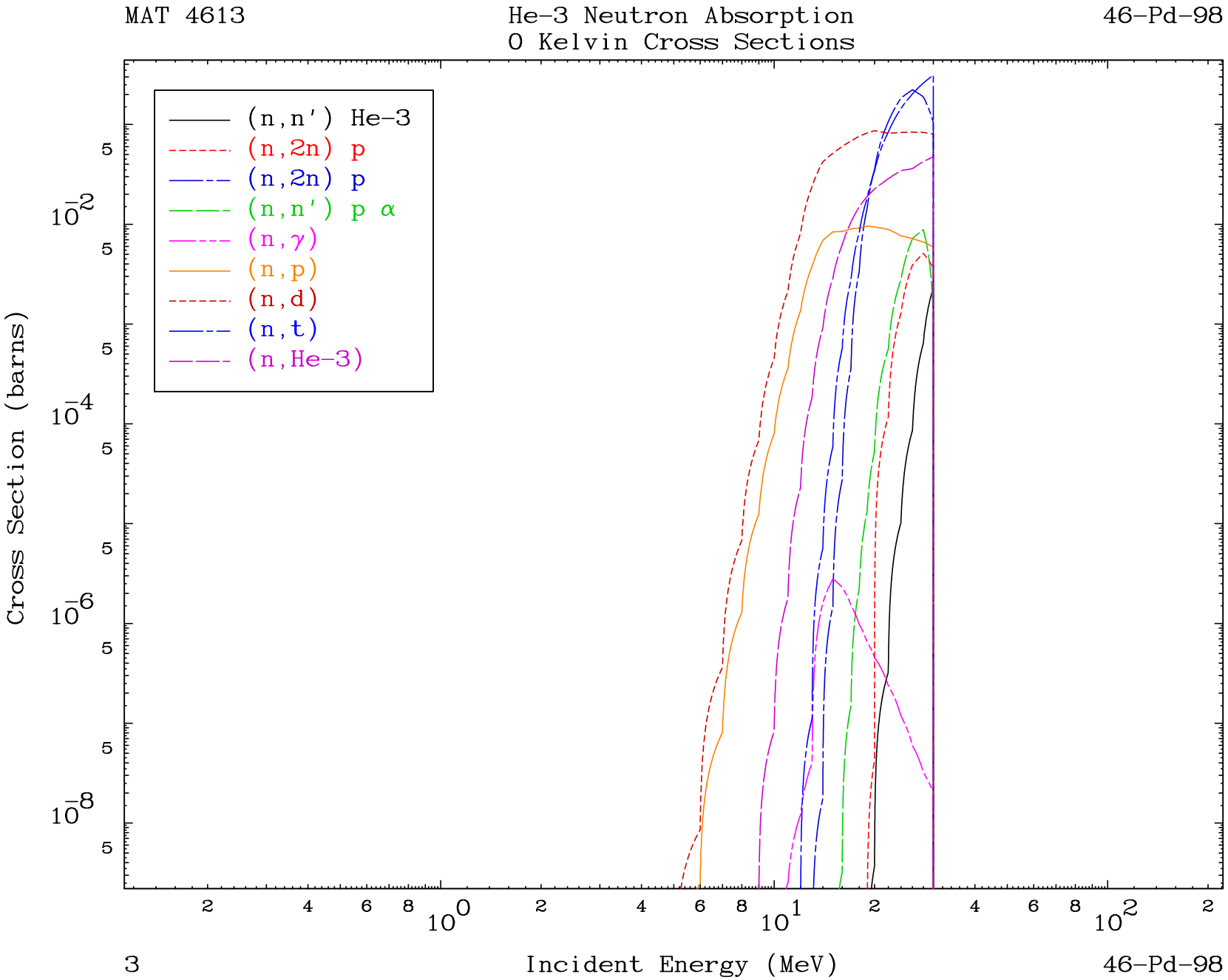
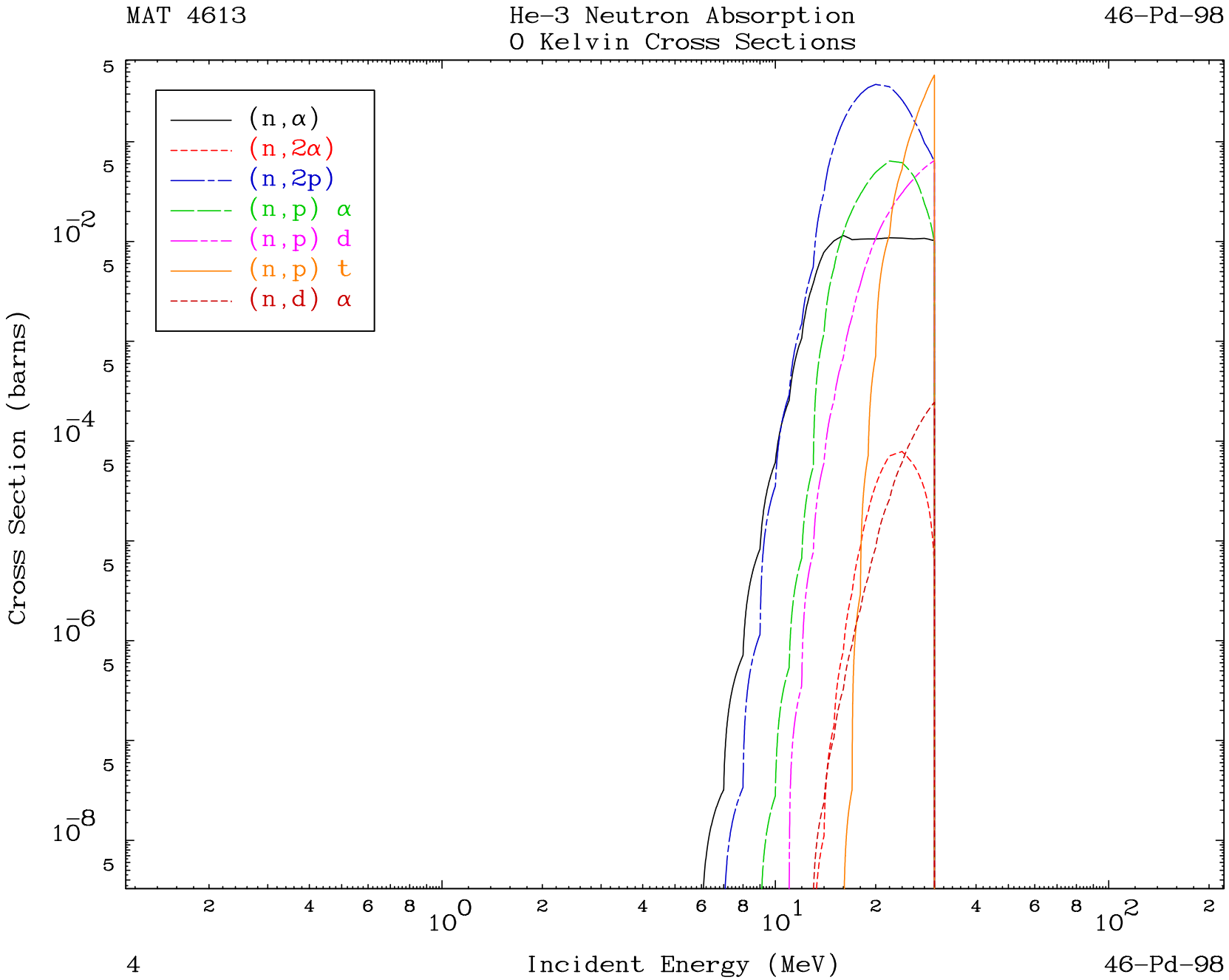
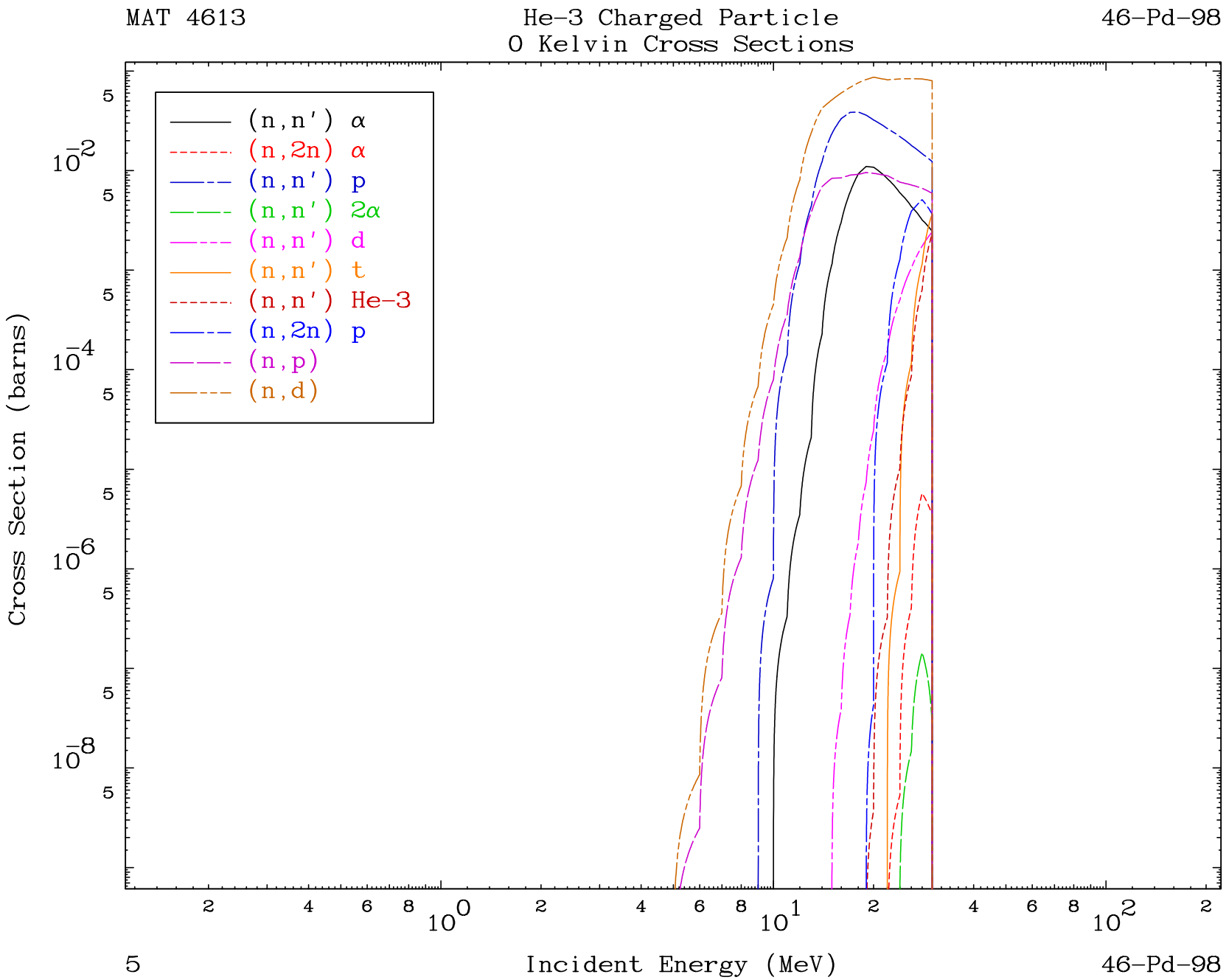
Press Mouse Button to Start

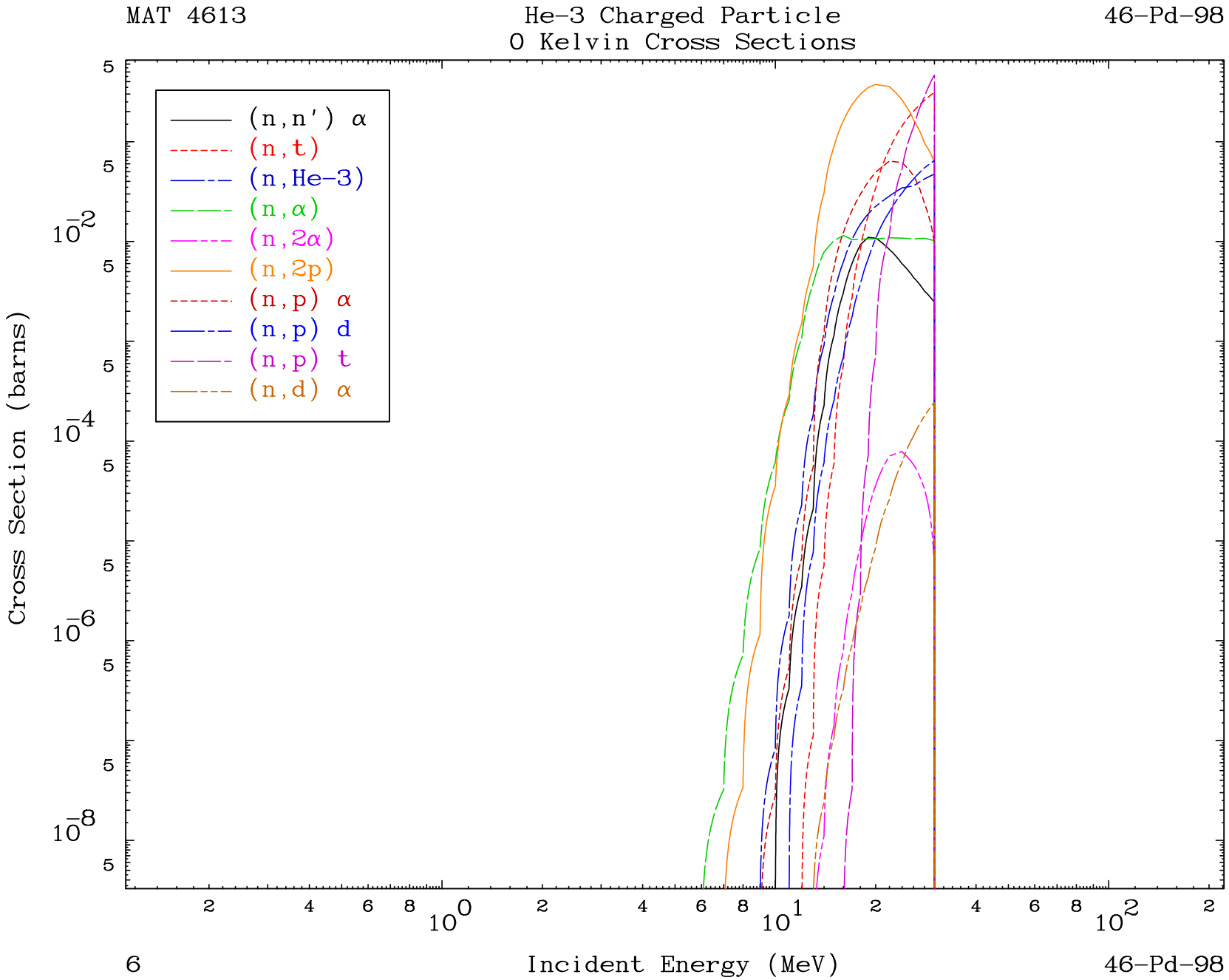

MAT 4613
He-3 Major
46-Pd-98
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-98
1

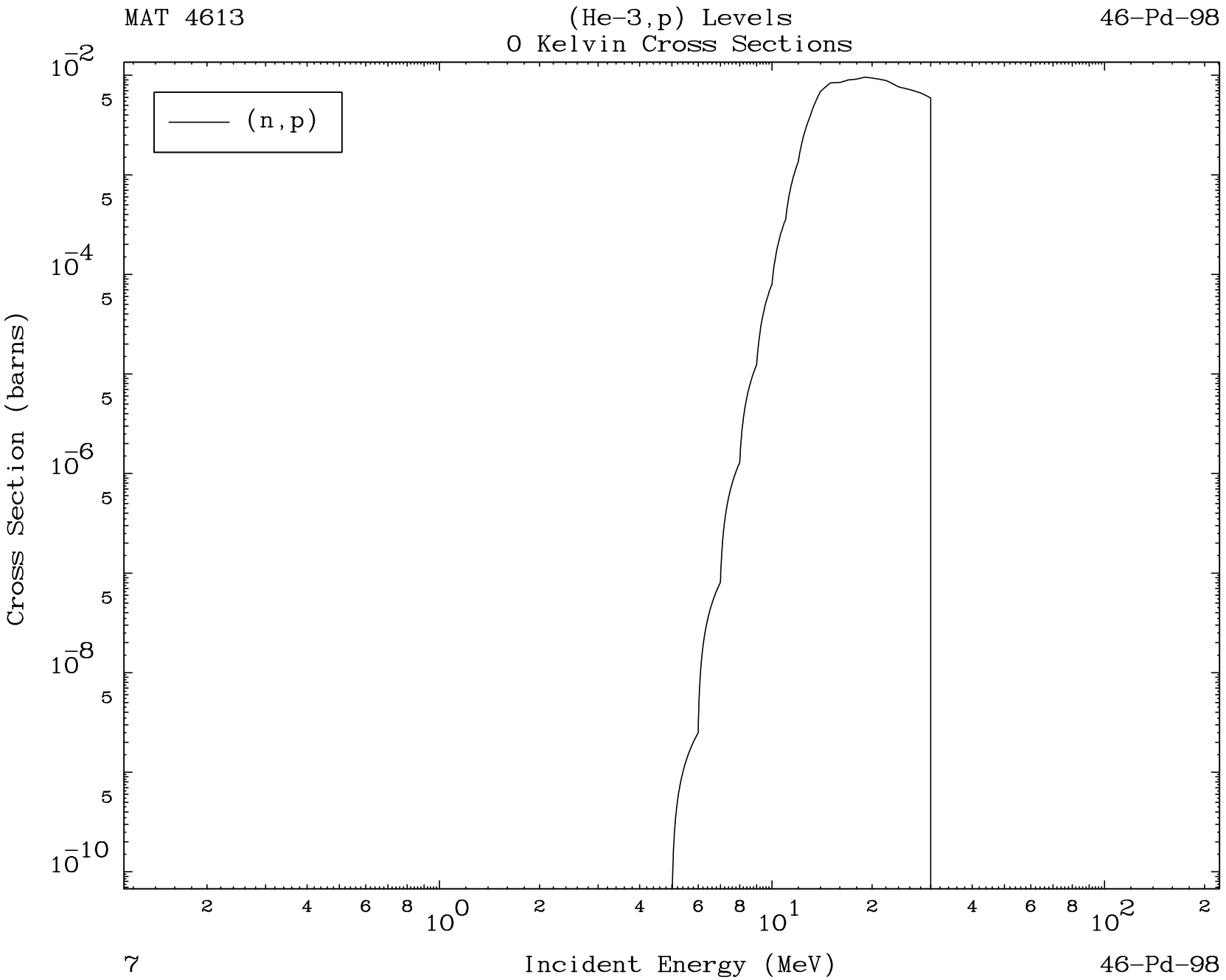

MAT 4613
He-3 Neutron Absorption
0 Kelvin Cross Sections
46-Pd-98
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
46-Pd-98

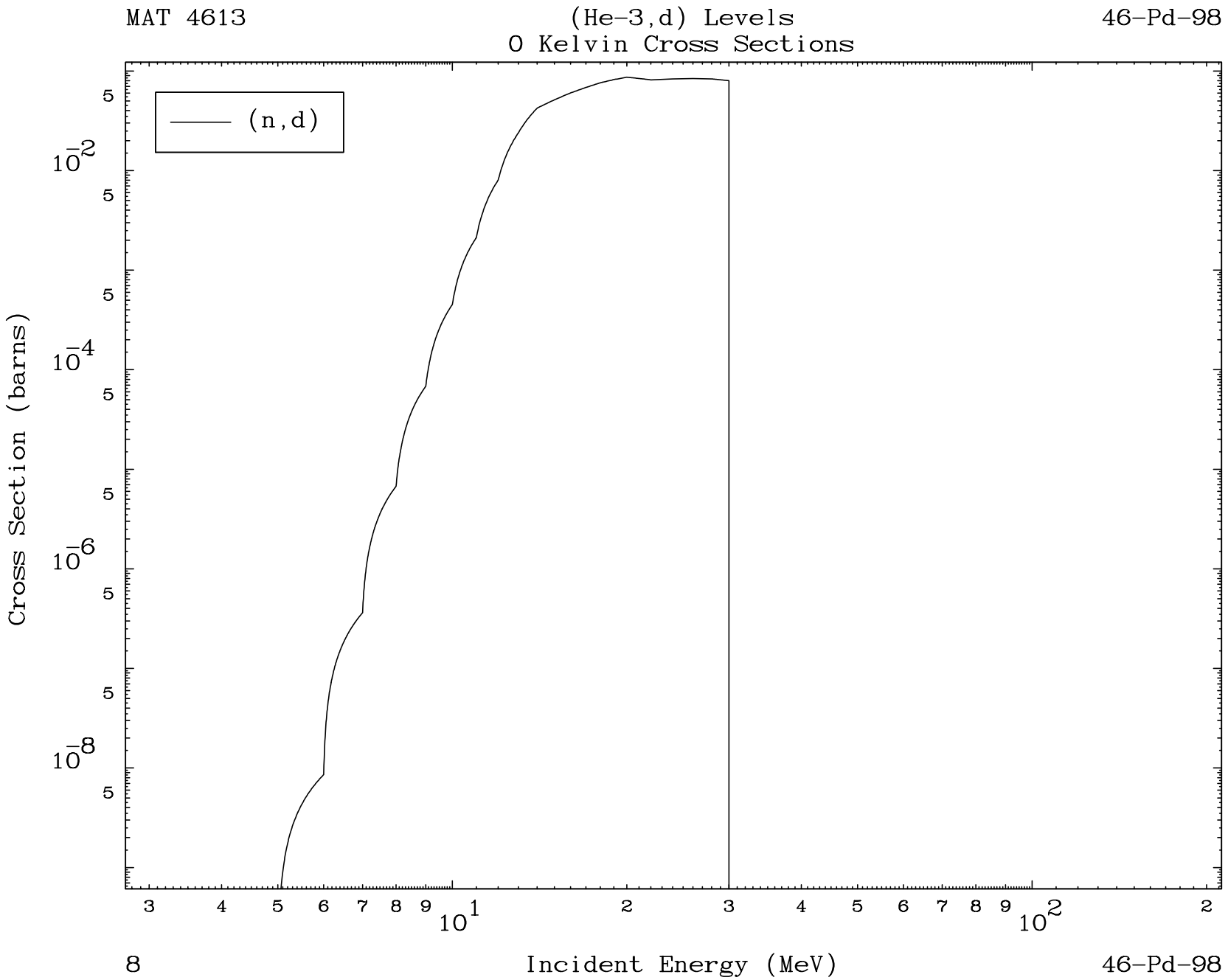

MAT 4613
He-3 Neutron Absorption
0 Kelvin Cross Sections
46-Pd-98
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
46-Pd-98

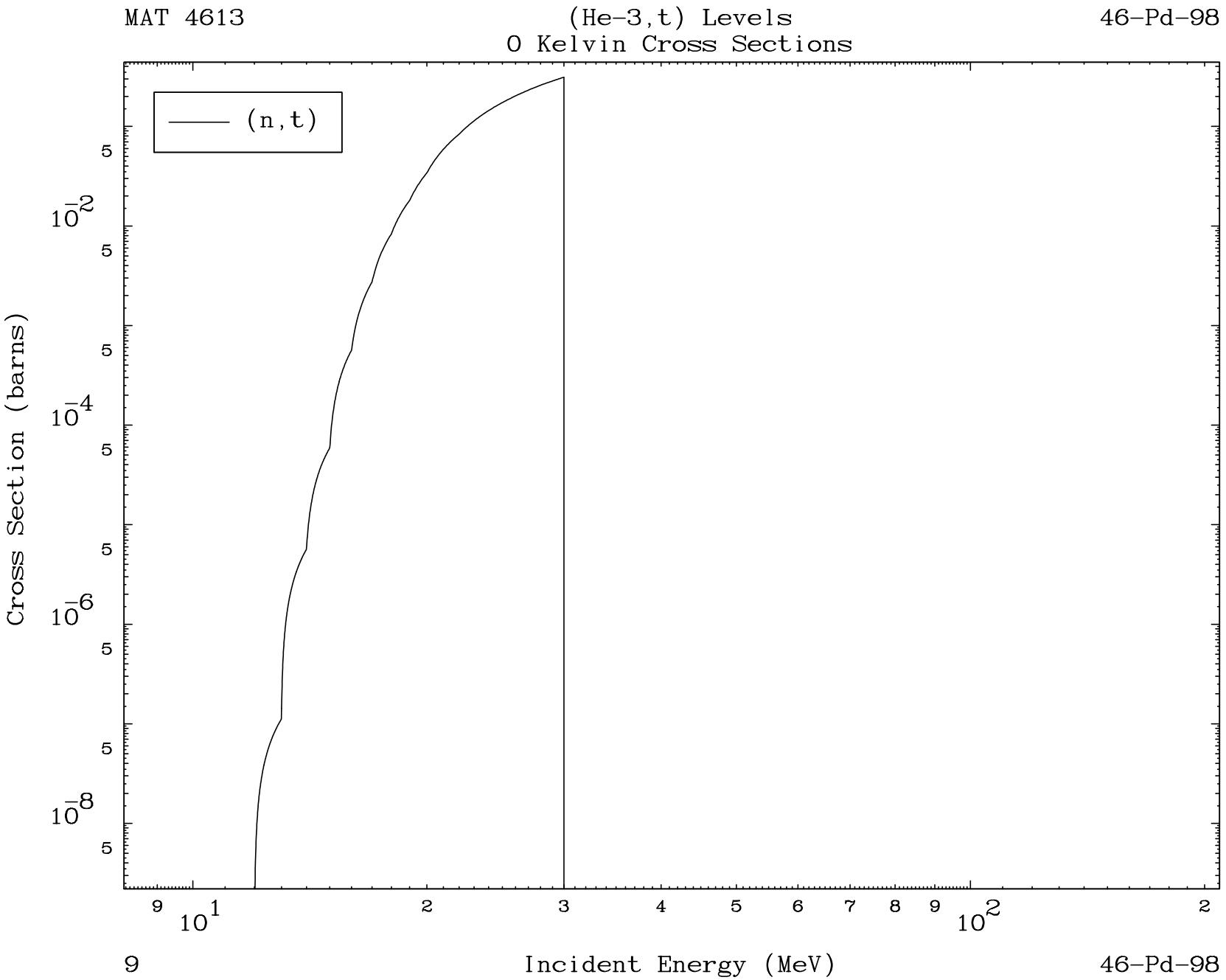

MAT 4613
He-3 Neutron Absorption
0 Kelvin Cross Sections
46-Pd-98
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
46-Pd-98

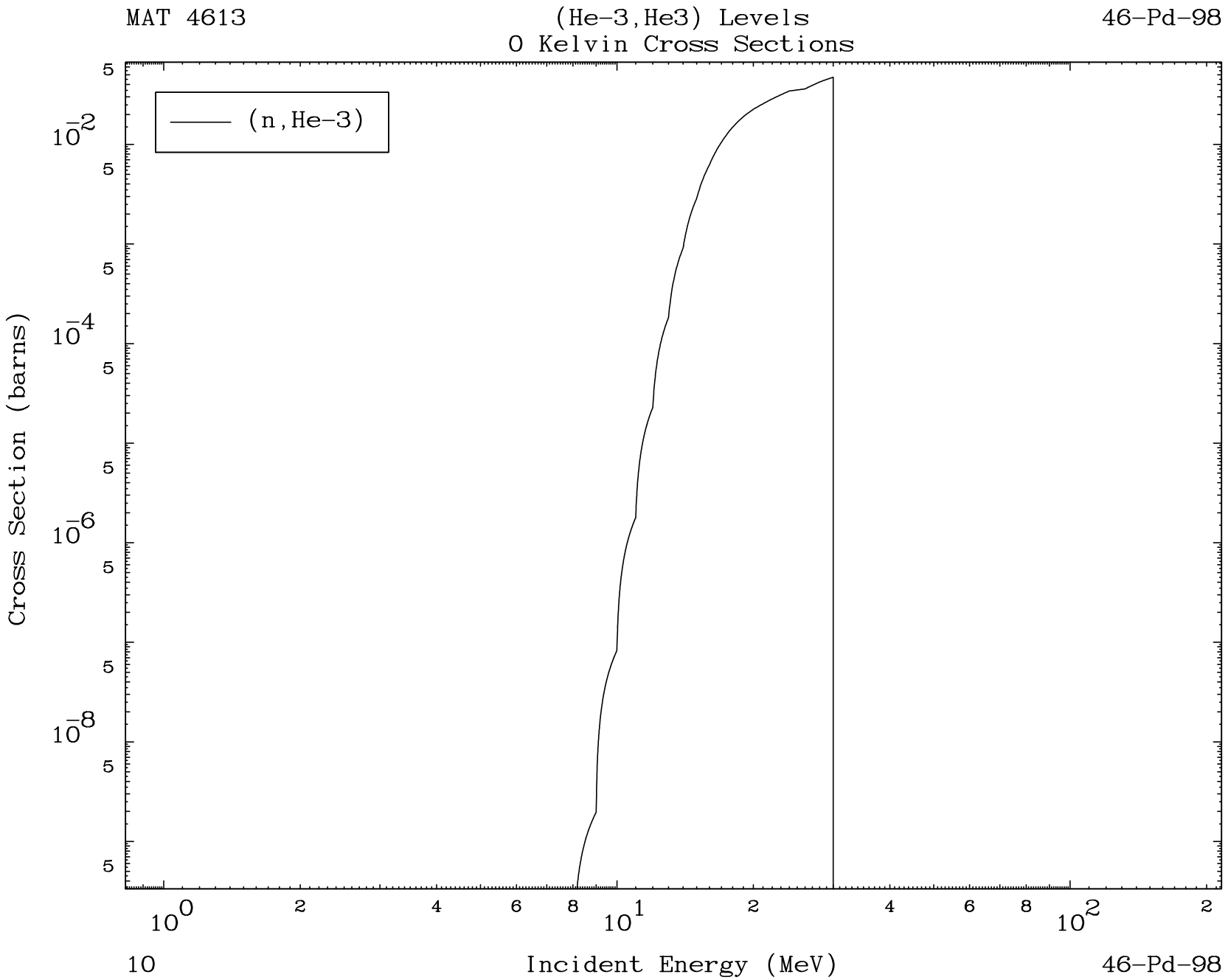

MAT 4613
He-3 Charged Particle
0 Kelvin Cross Sections
46-Pd-98
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
5
46-Pd-98

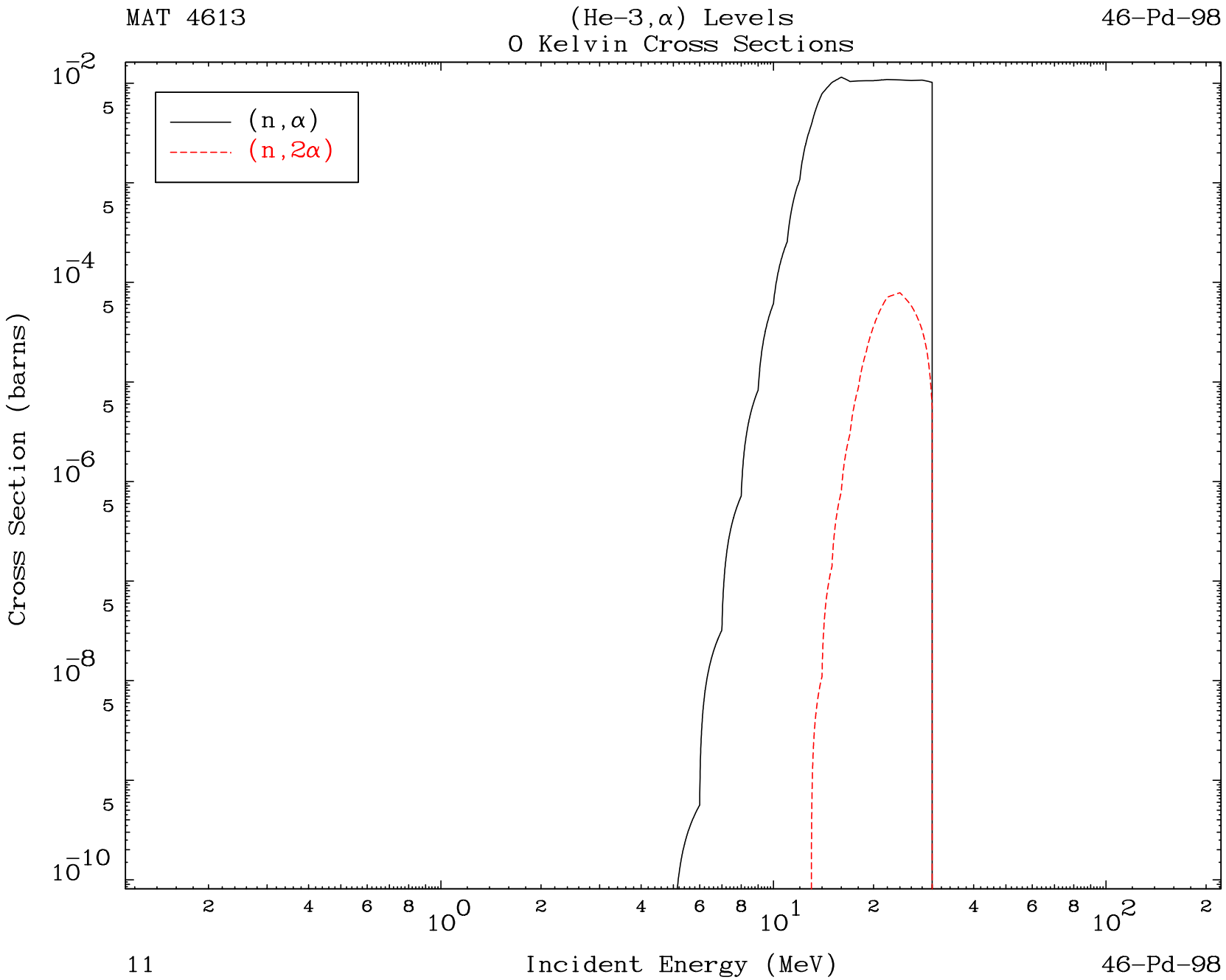

MAT 4613
He-3 Charged Particle
0 Kelvin Cross Sections
46-Pd-98
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
46-Pd-98

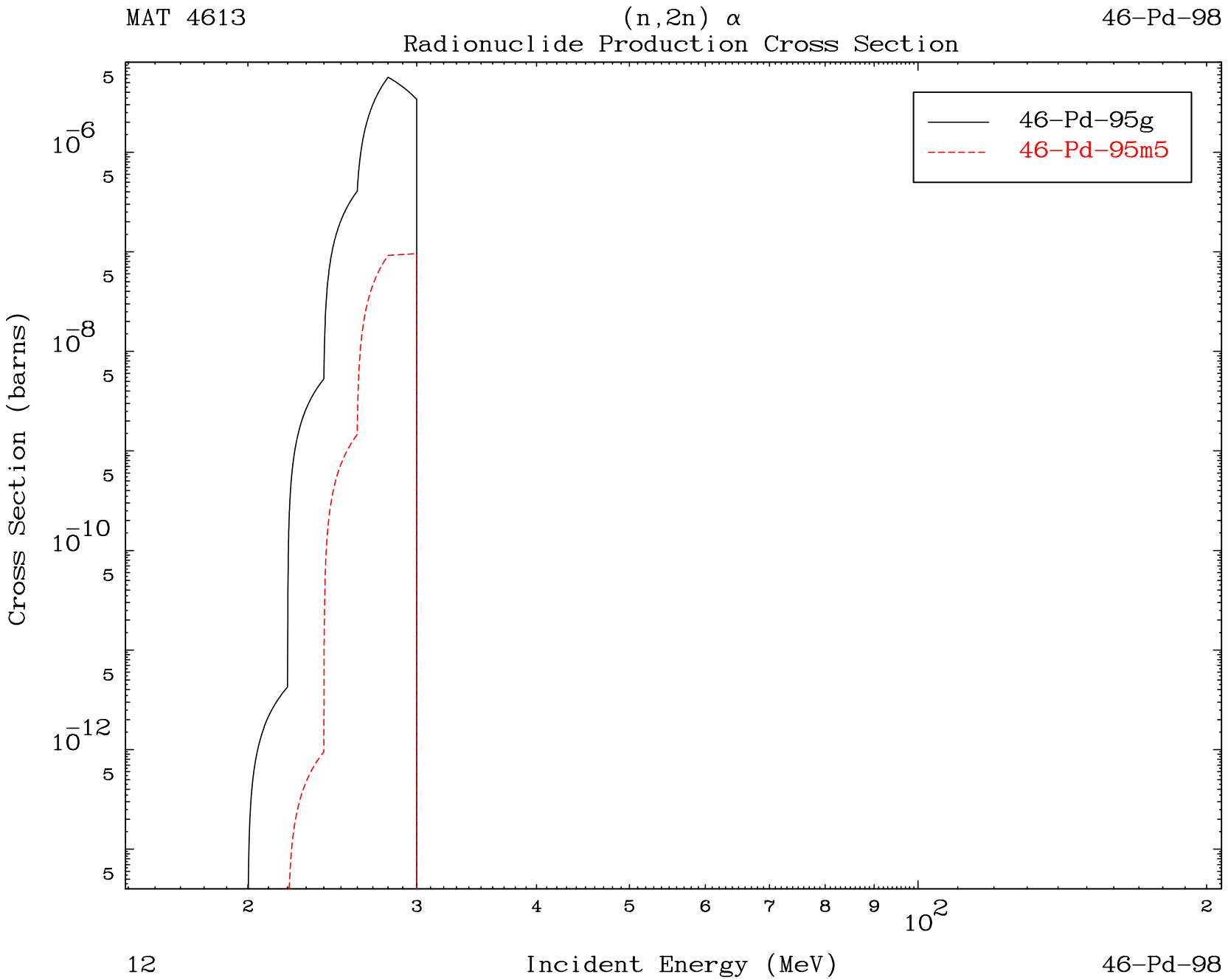

MAT 4613
(He-3,p) Levels
46-Pd-98
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
46-Pd-98

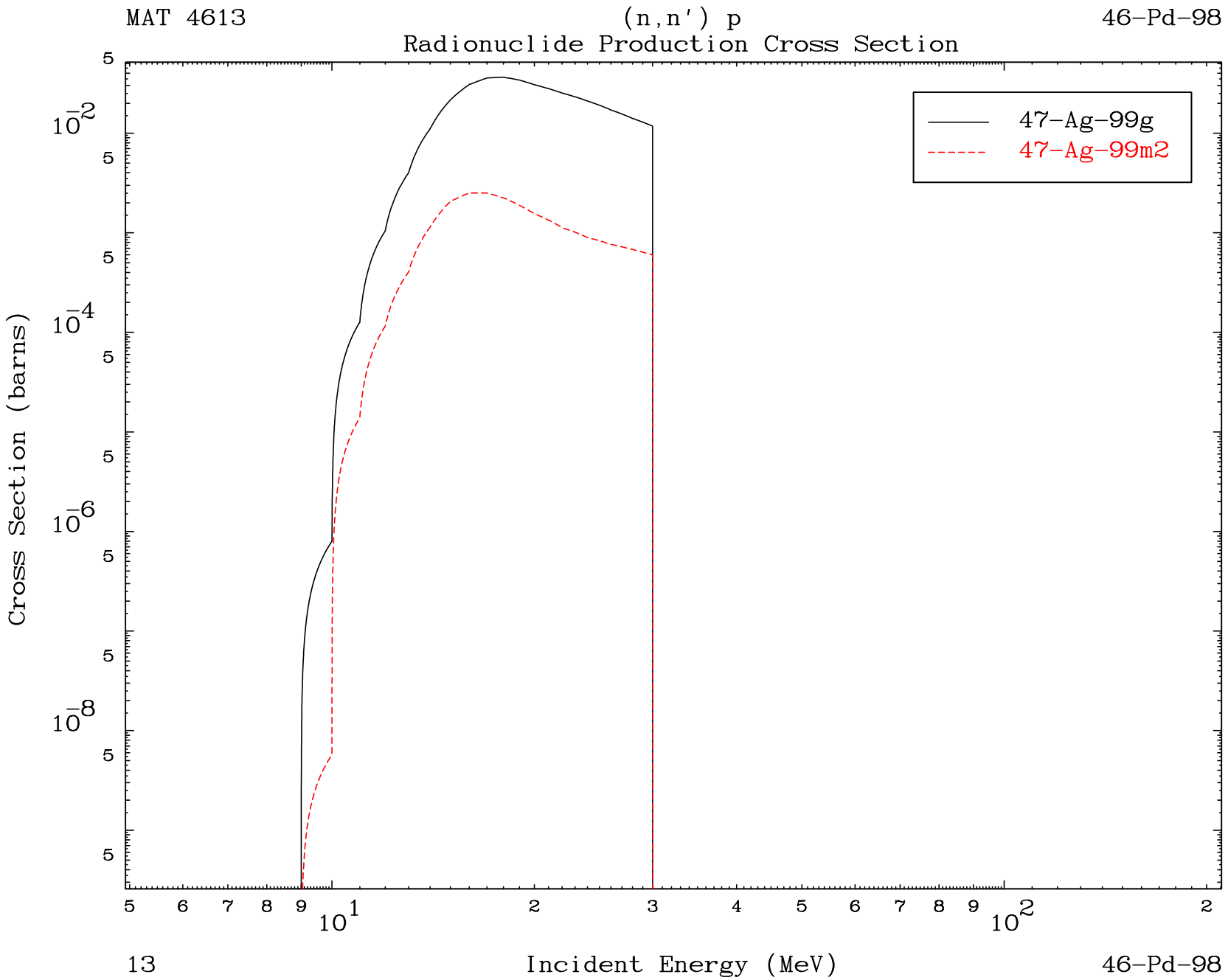

MAT 4613
(He-3,d) Levels
46-Pd-98
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
46-Pd-98

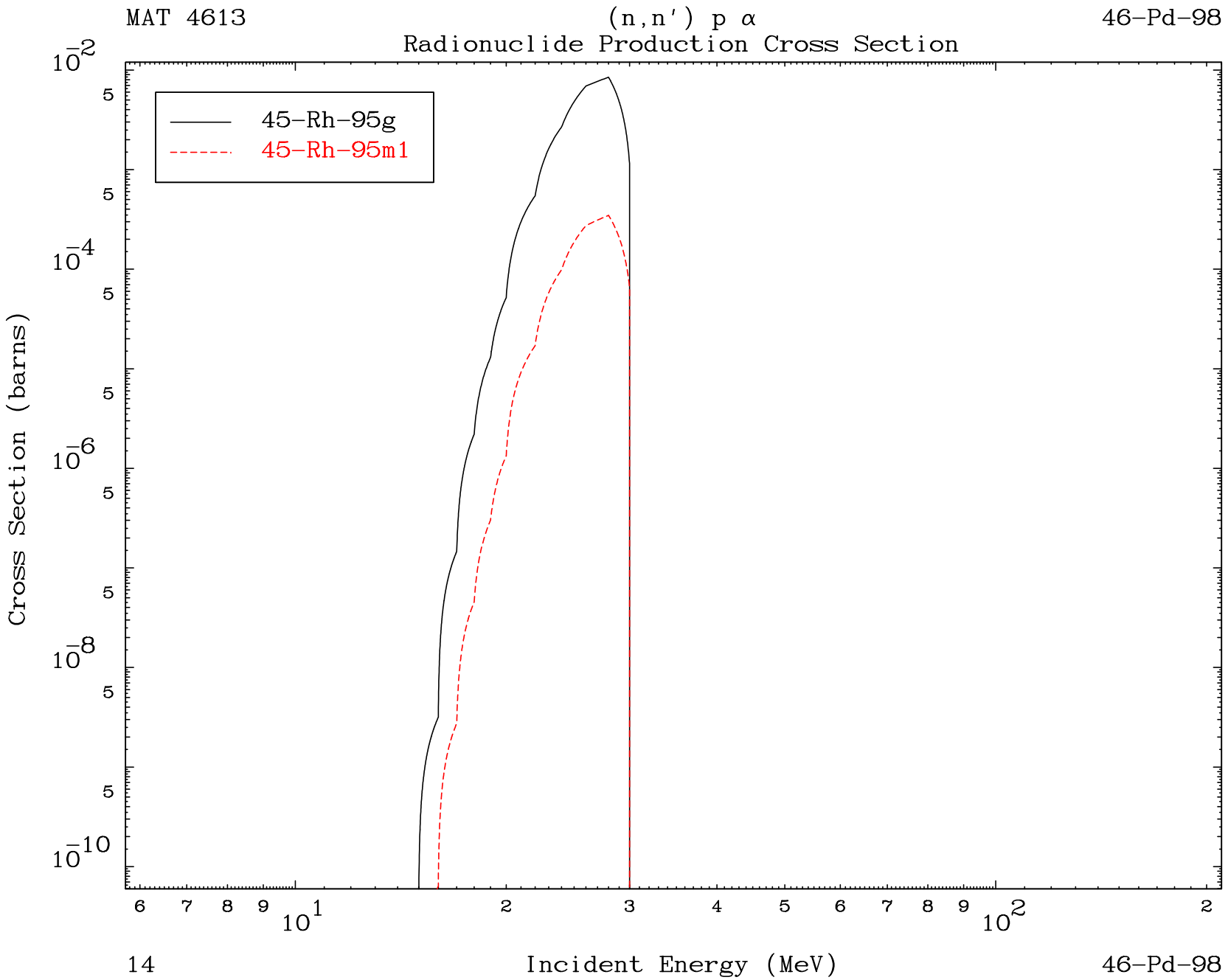

MAT 4613
(He-3,t) Levels
46-Pd-98
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
46-Pd-98

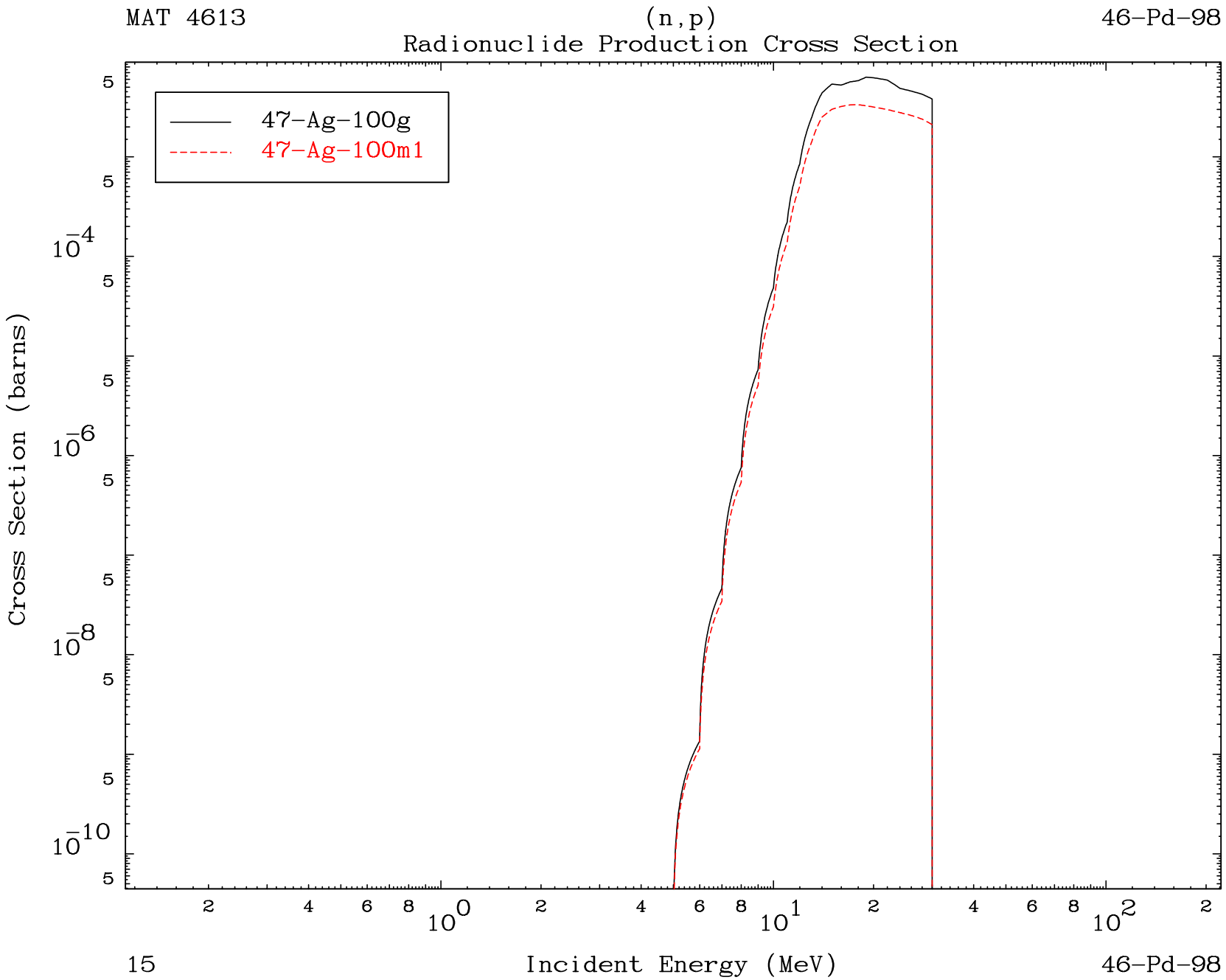

MAT 4613
(He-3,He3) Levels
46-Pd-98
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
46-Pd-98

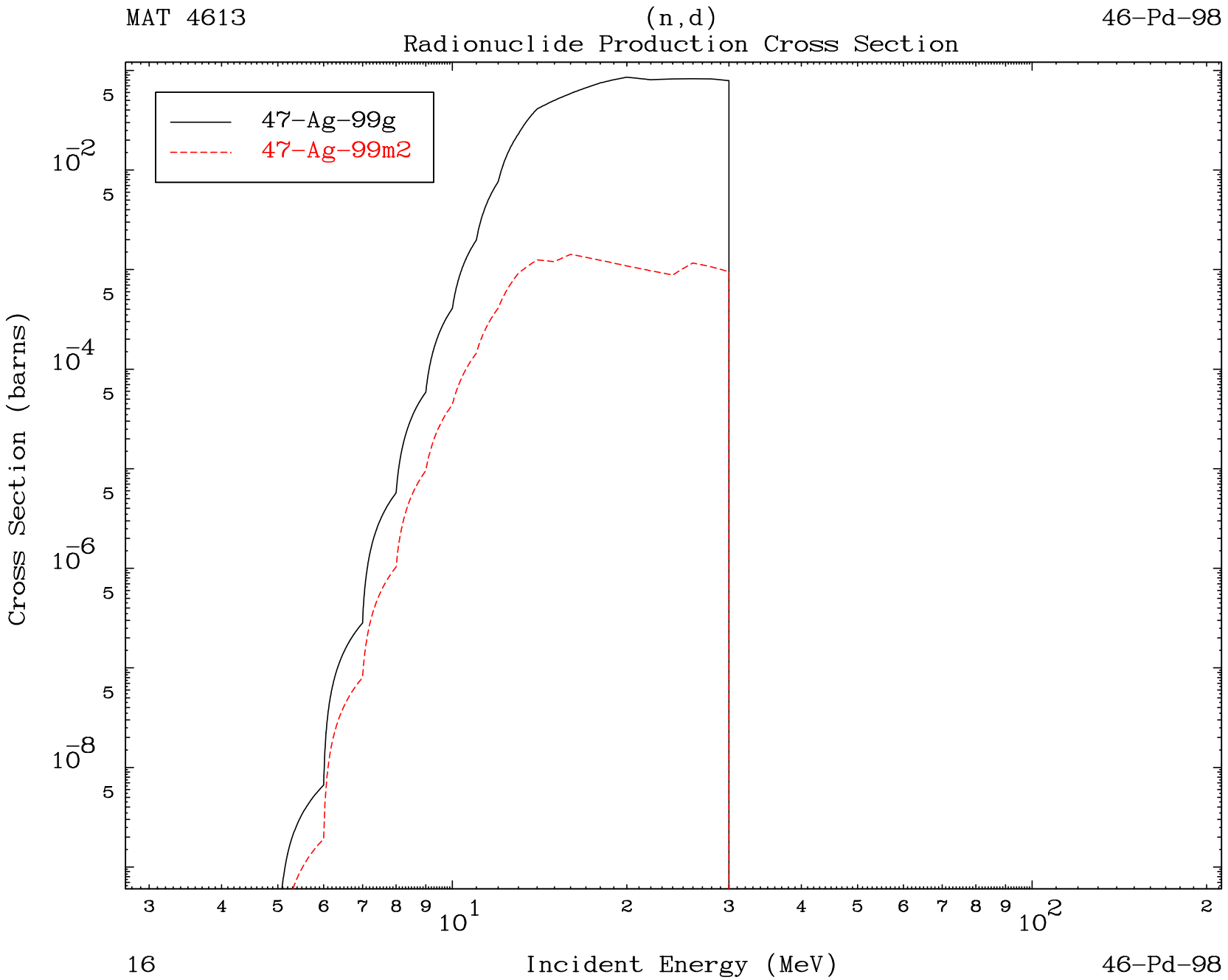

MAT 4613
(He-3,α) Levels
0 Kelvin Cross Sections
46-Pd-98
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
46-Pd-98

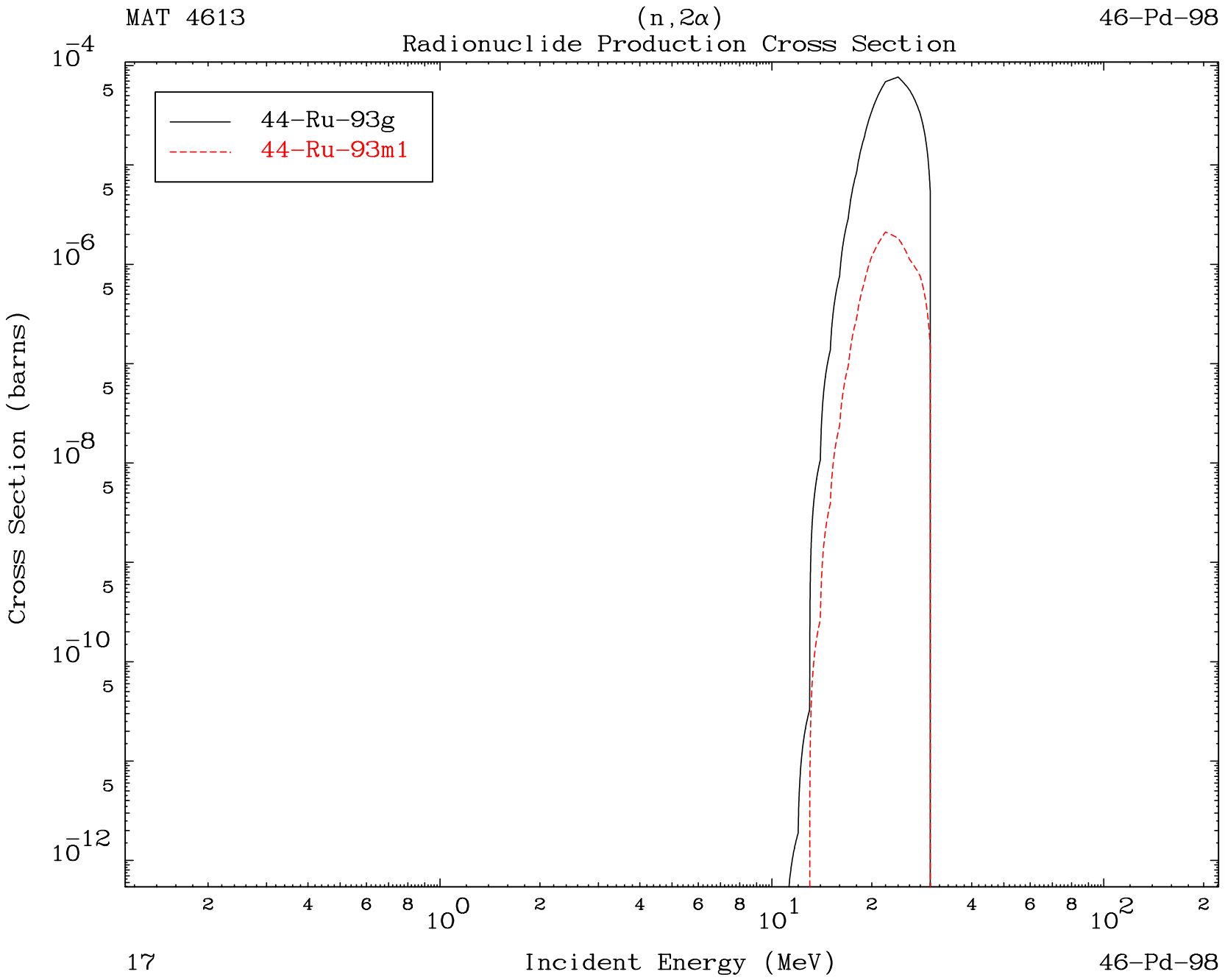

MAT 4613
(n,2n) α
46-Pd-98
Radionuclide Production Cross Section
46-Pd-95g
46-Pd-95m5
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
46-Pd-98

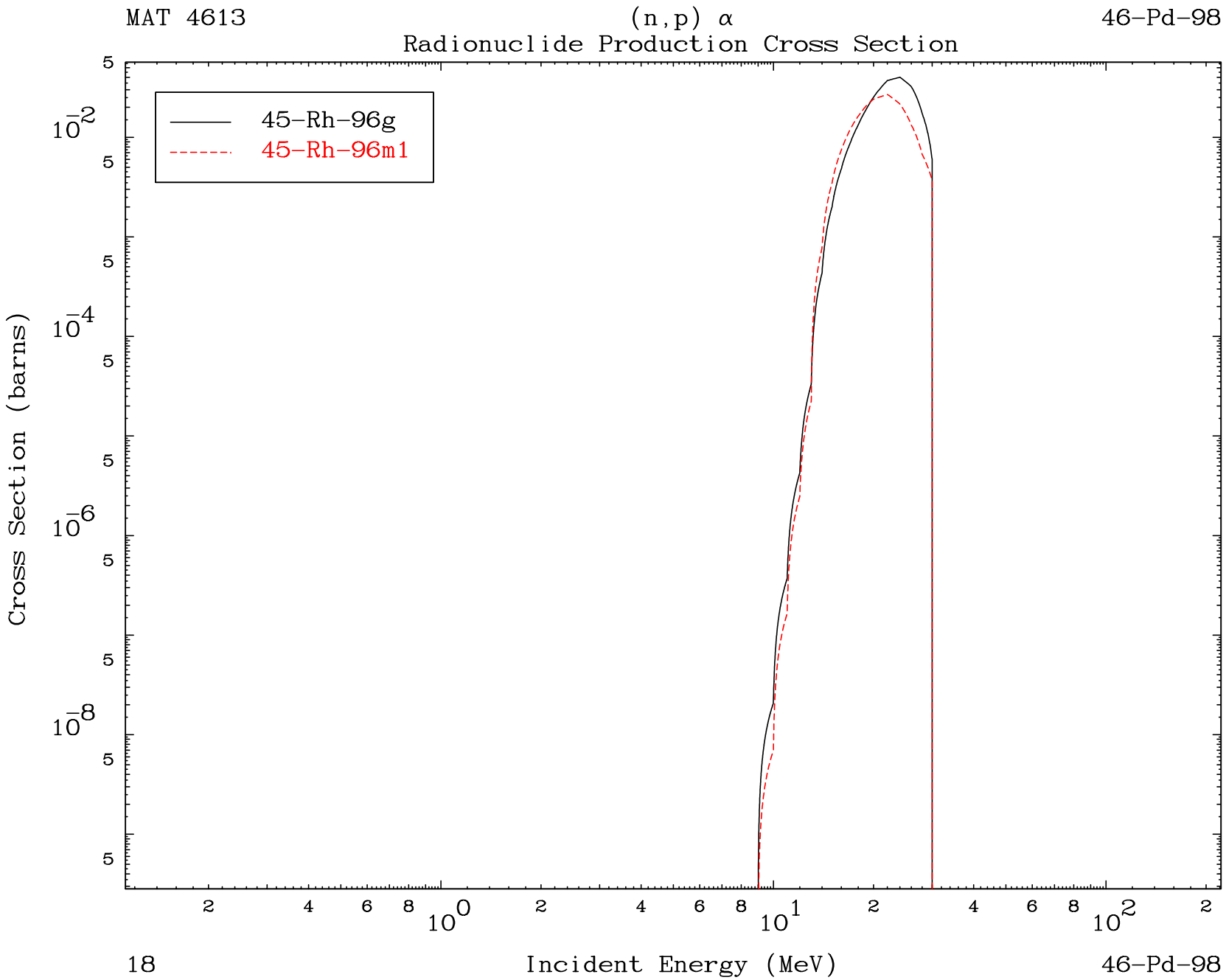

MAT 4613
(n,n') p
46-Pd-98
Radionuclide Production Cross Section
47-Ag-99g
47-Ag-99m2
Cross Section (barns)
Incident Energy (MeV)
13
46-Pd-98

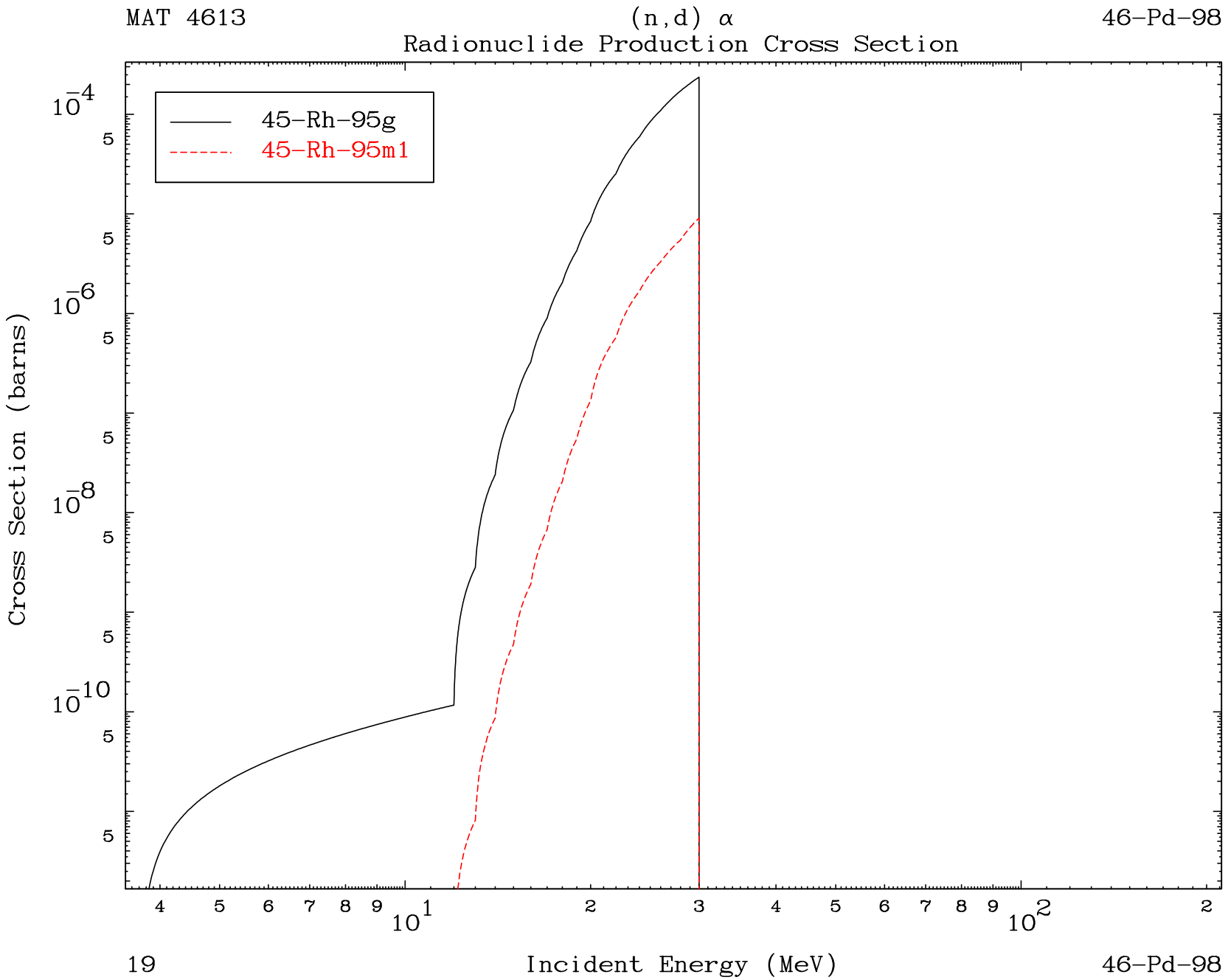

MAT 4613
(n,n') p α
46-Pd-98
Radionuclide Production Cross Section
45-Rh-95g
45-Rh-95m1
Cross Section (barns)
Incident Energy (MeV)
14
46-Pd-98


MAT 4613
(n,p)
46-Pd-98
Radionuclide Production Cross Section
47-Ag-100g
47-Ag-100m1
Cross Section (barns)
Incident Energy (MeV)
15
46-Pd-98


MAT 4613
(n,d)
46-Pd-98
Radionuclide Production Cross Section
47-Ag-99g
47-Ag-99m2
Cross Section (barns)
Incident Energy (MeV)
16
46-Pd-98


MAT 4613
(n,2α)
46-Pd-98
Radionuclide Production Cross Section
44-Ru-93g
44-Ru-93m1
Cross Section (barns)
Incident Energy (MeV)
17
46-Pd-98


MAT 4613
(n,p) α
46-Pd-98
Radionuclide Production Cross Section
45-Rh-96g
45-Rh-96m1
Cross Section (barns)
Incident Energy (MeV)
18
46-Pd-98


MAT 4613
(n,d) α
46-Pd-98
Radionuclide Production Cross Section
45-Rh-95g
45-Rh-95m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
19
46-Pd-98