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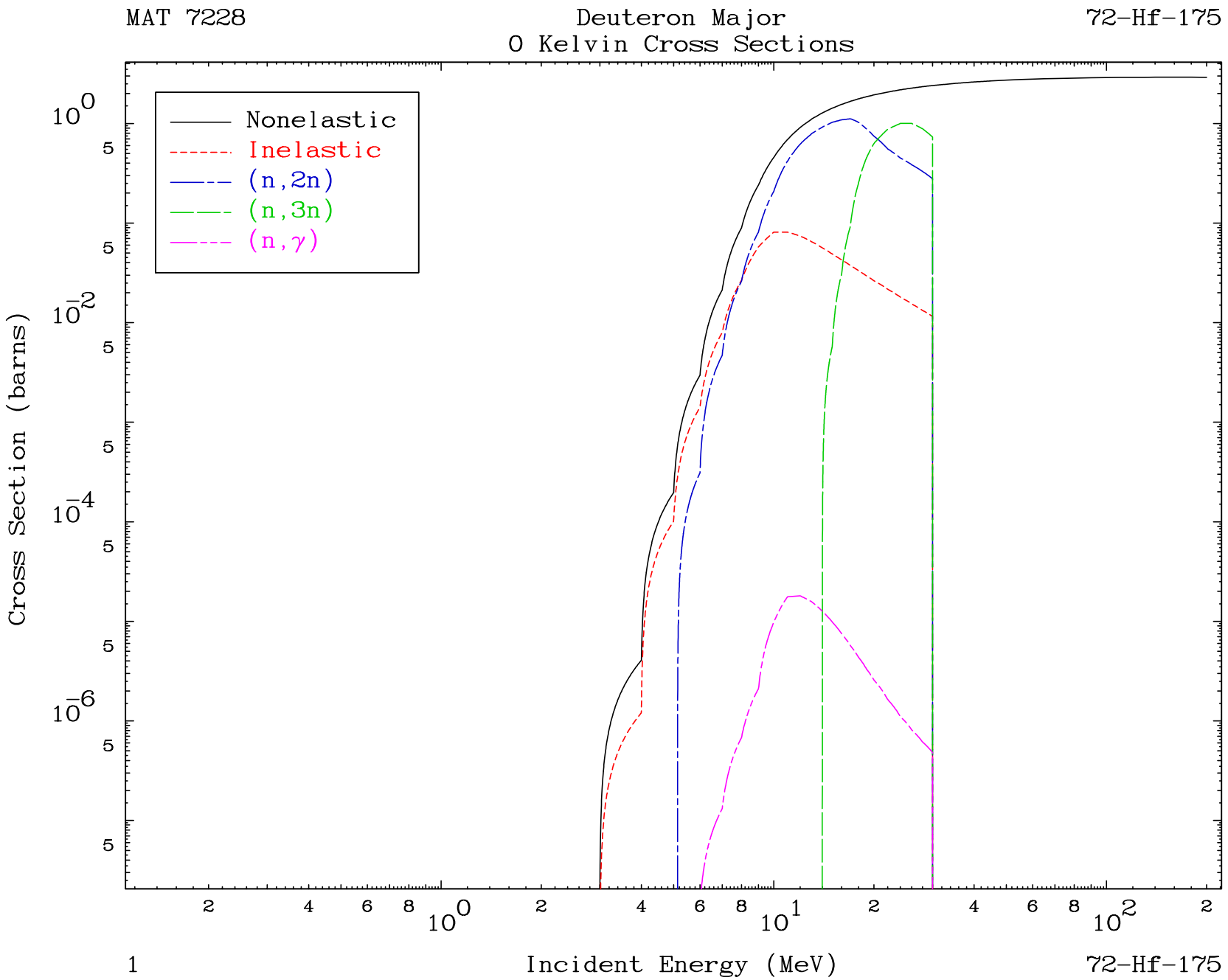
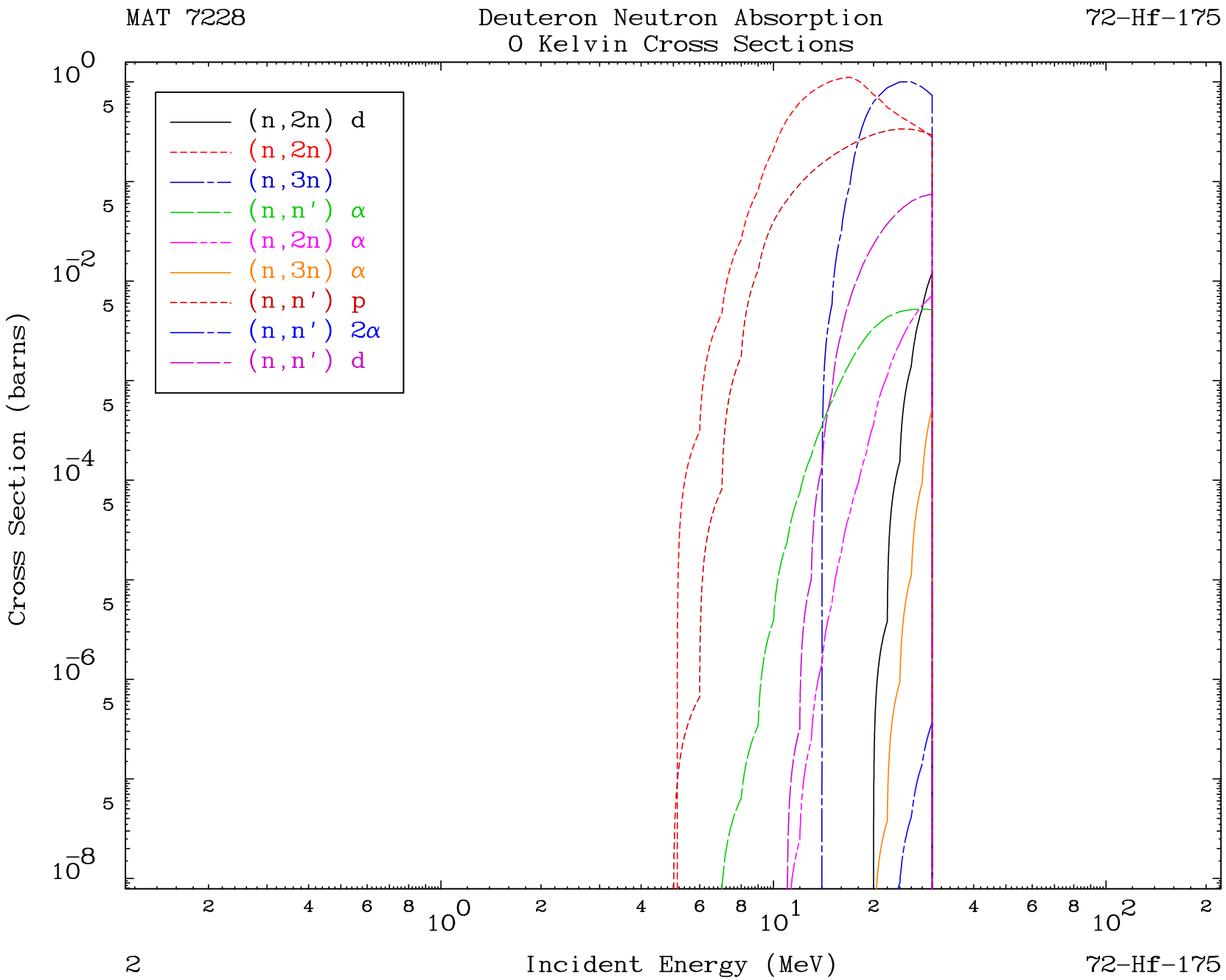
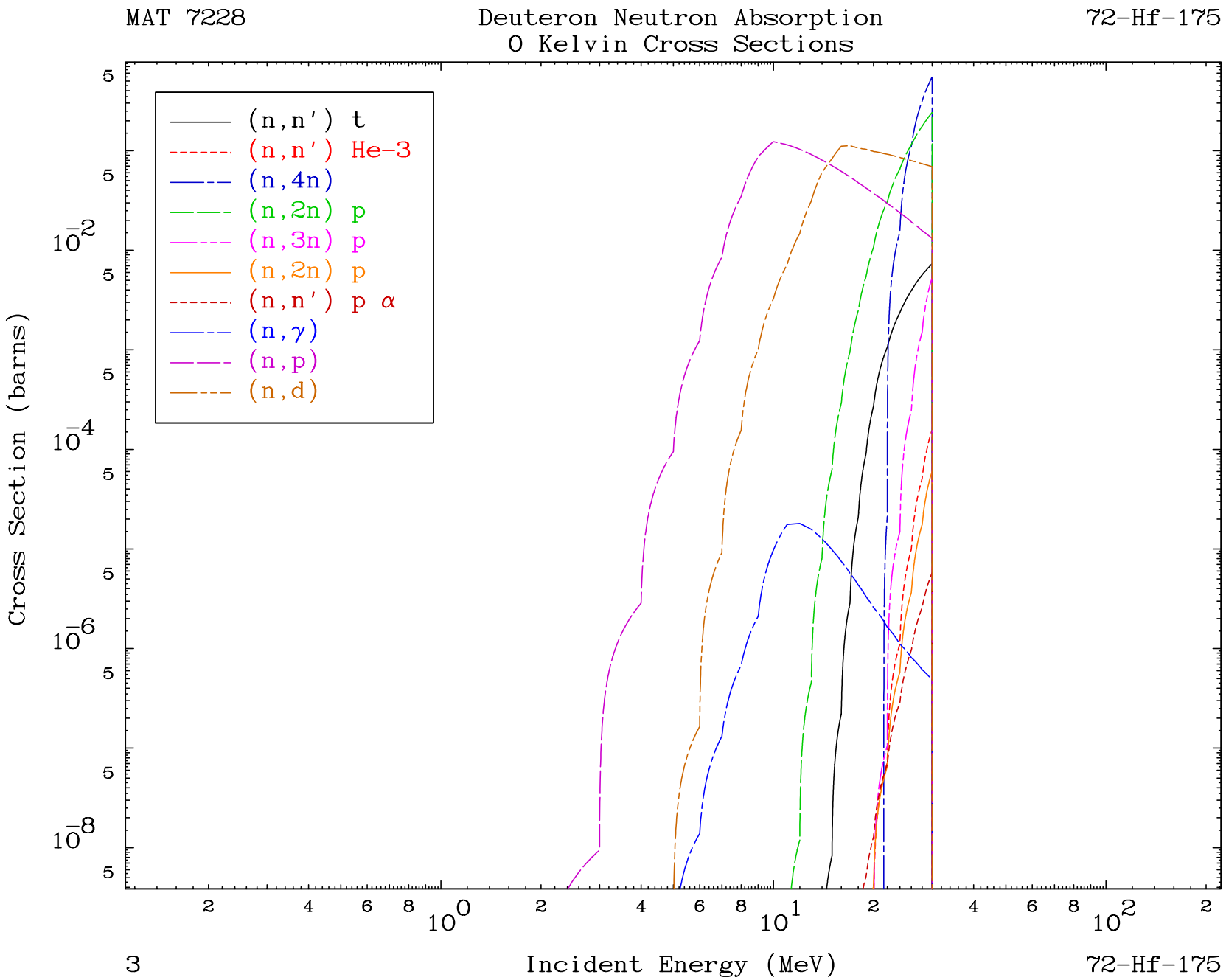
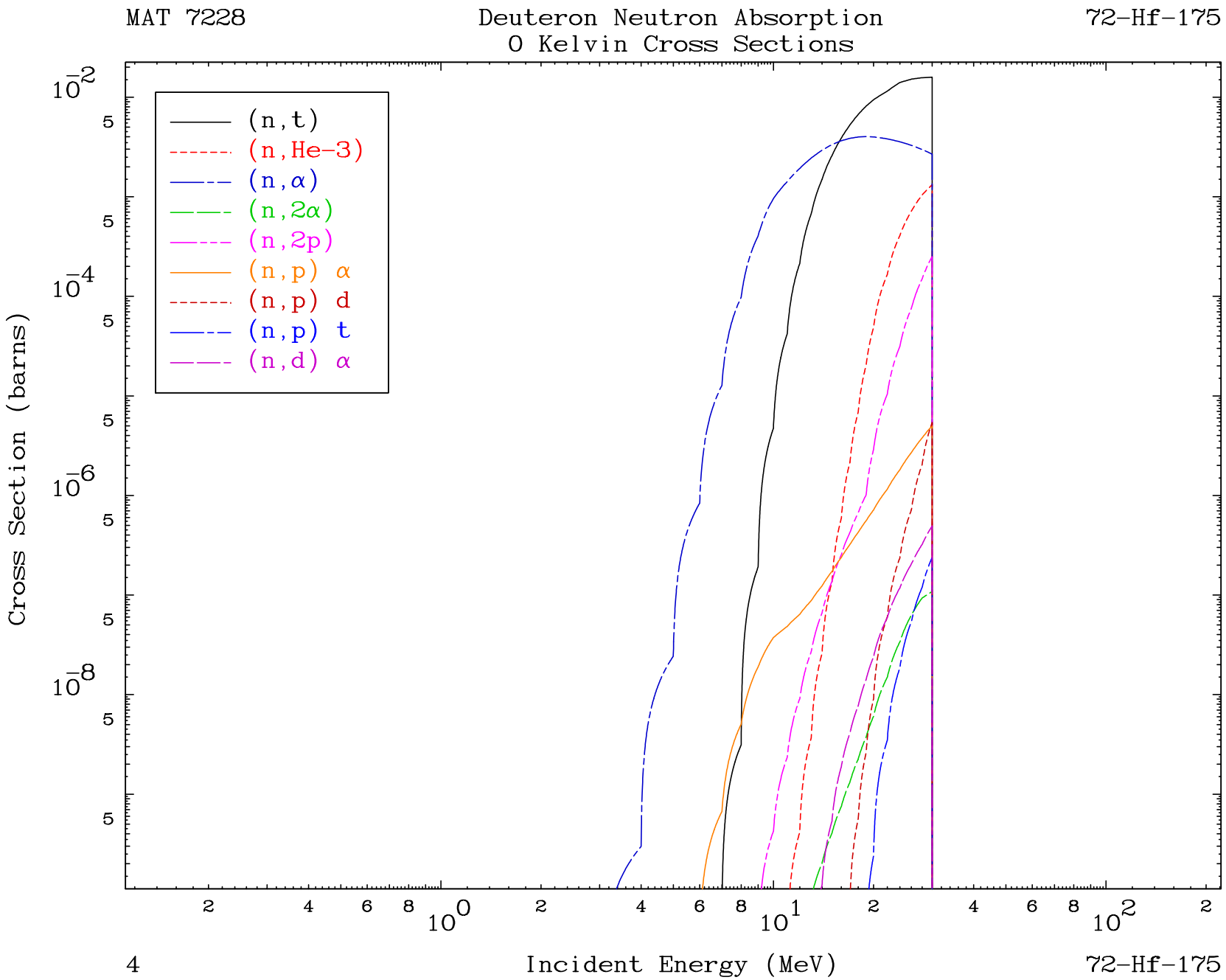
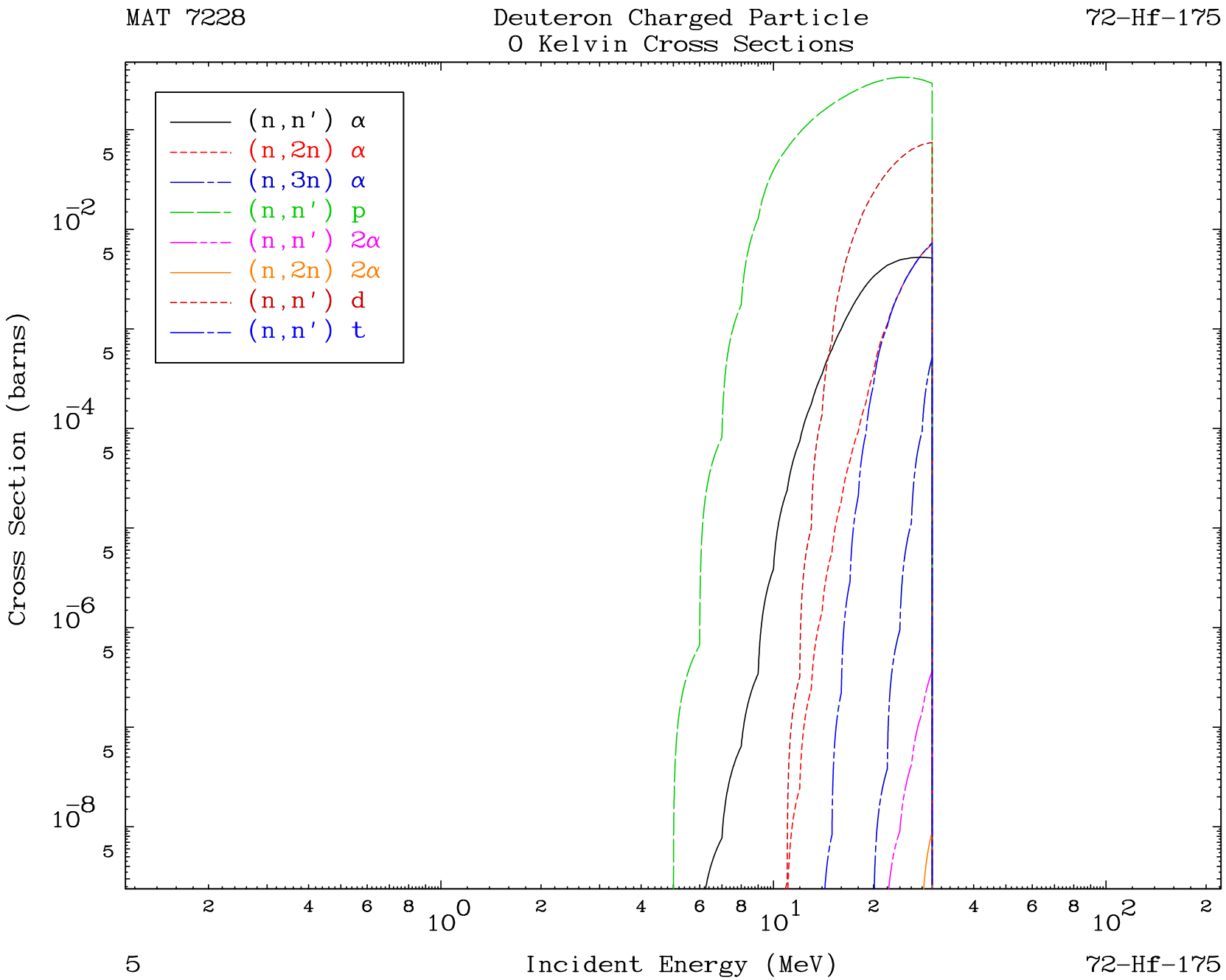
Press Mouse Button to Start

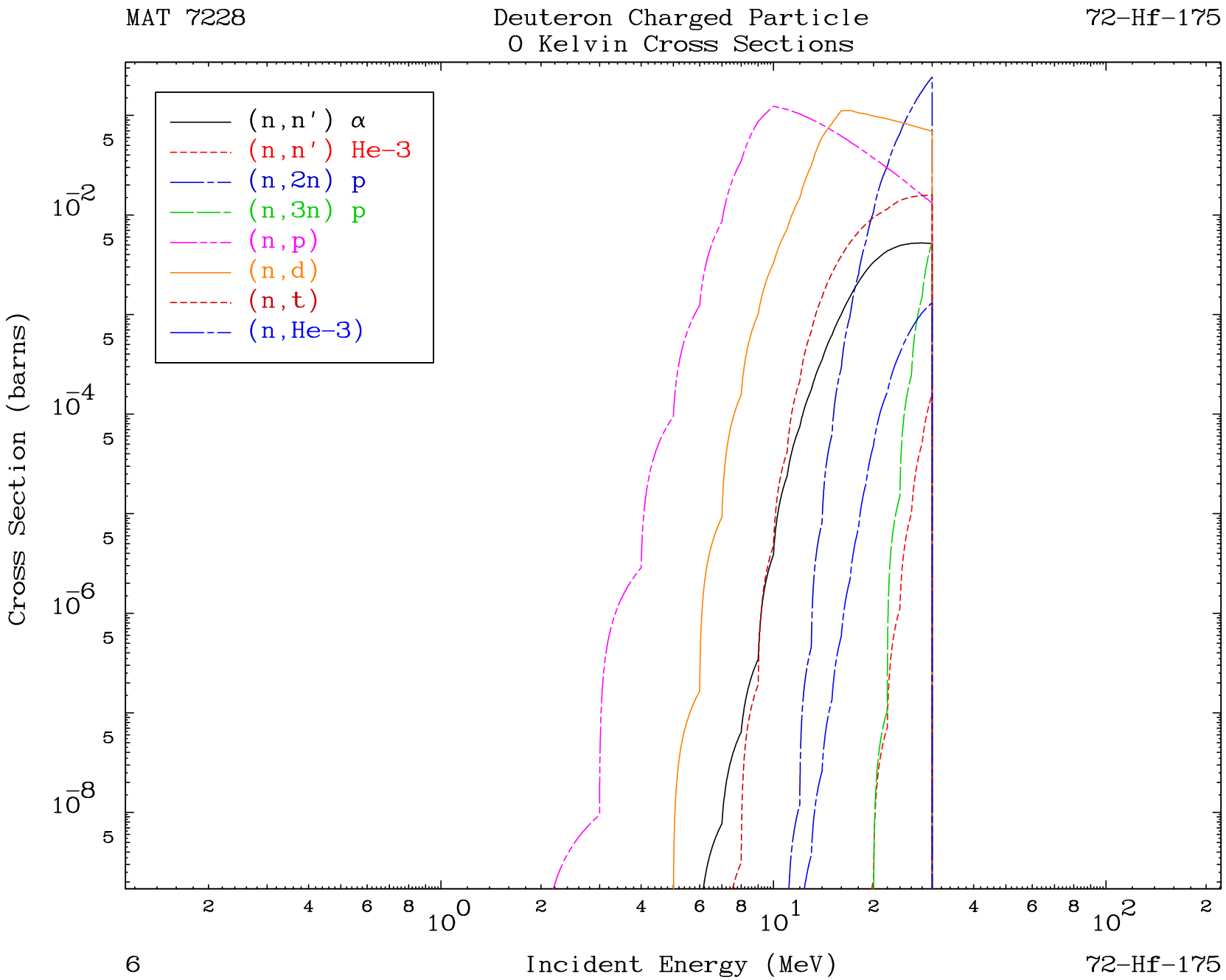

MAT 7228
Deuteron Major
72-Hf-175
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175
1

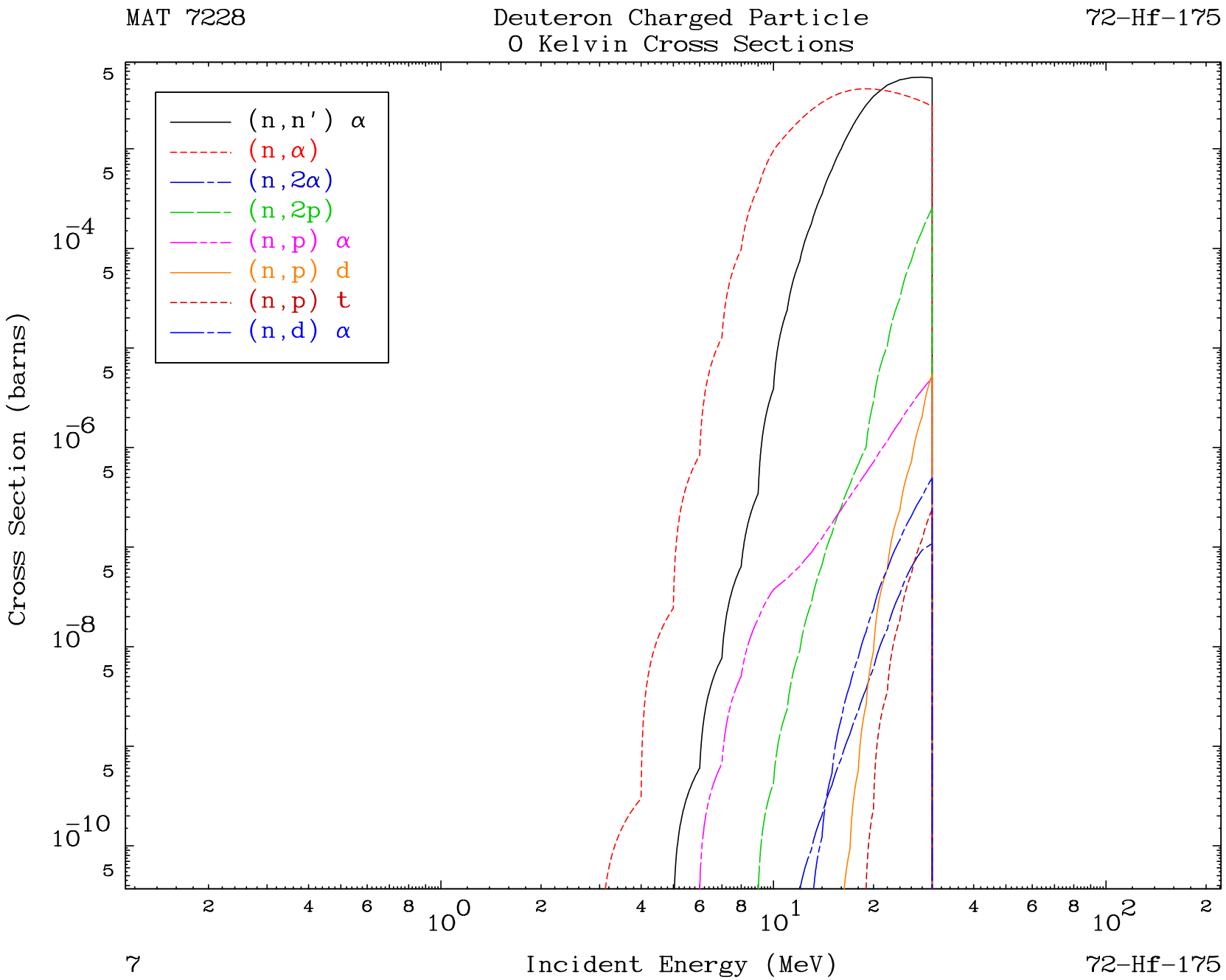

MAT 7228
Deuteron Neutron Absorption
0 Kelvin Cross Sections
72-Hf-175
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175
2

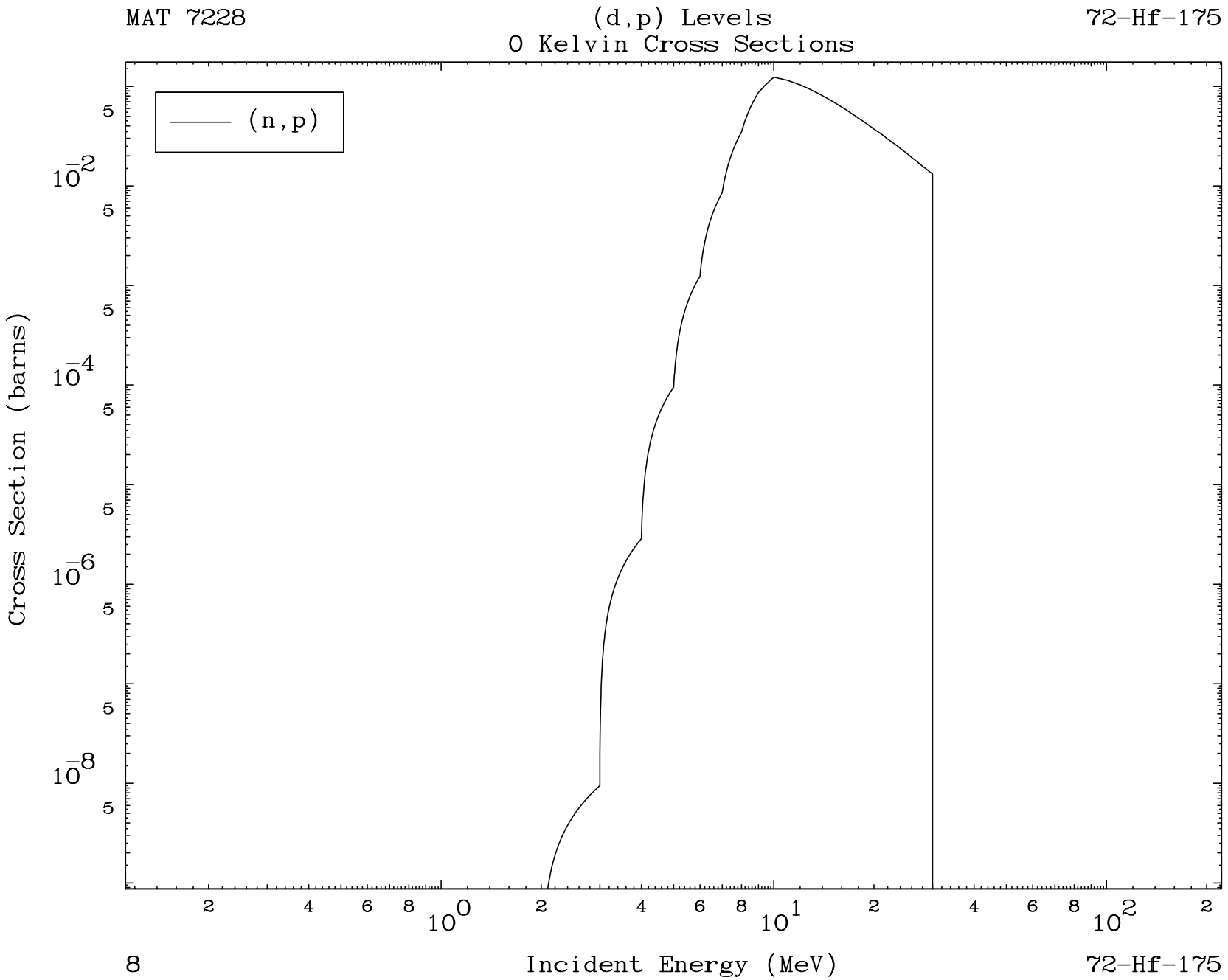

MAT 7228
Deuteron Neutron Absorption
0 Kelvin Cross Sections
72-Hf-175
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
72-Hf-175

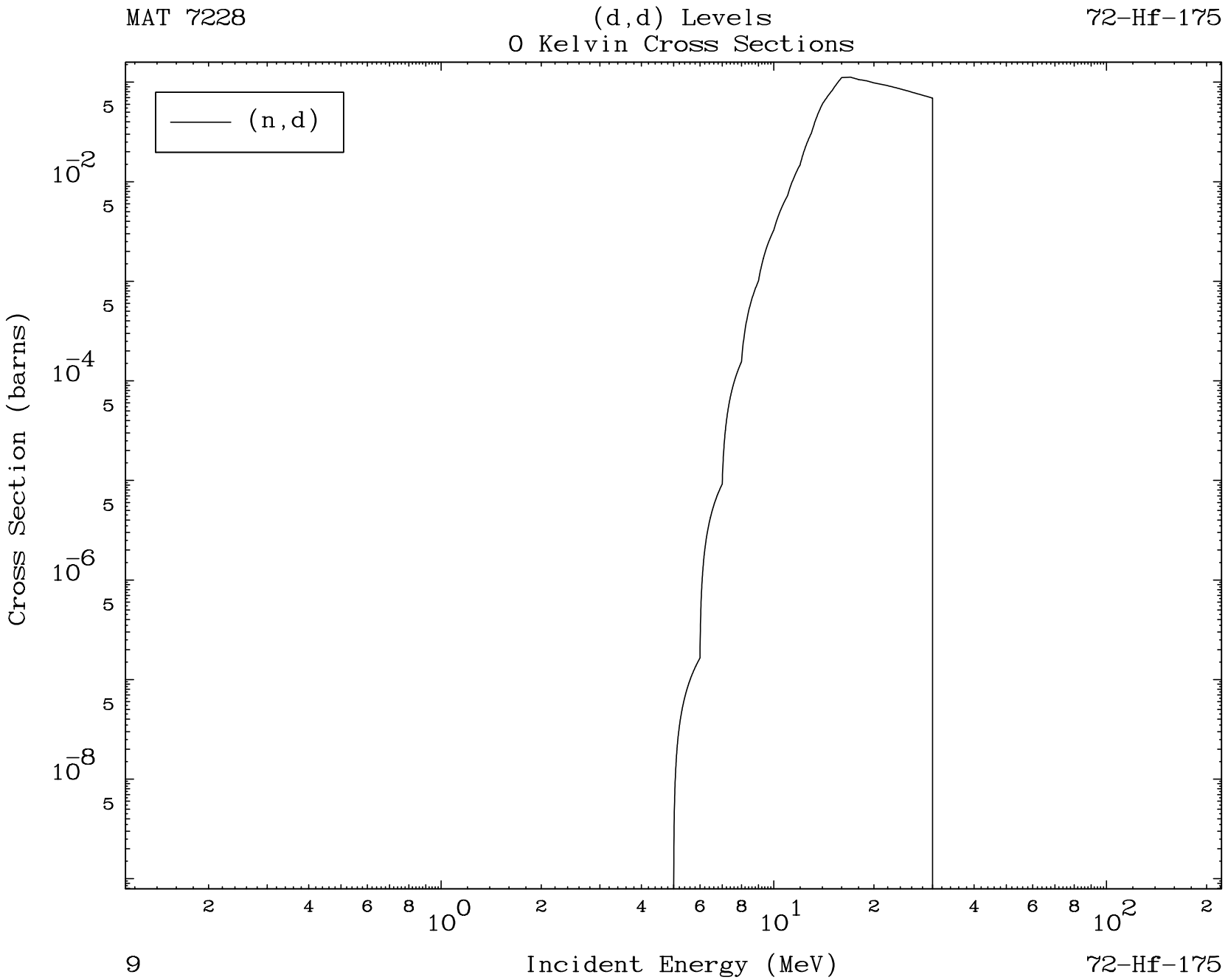

MAT 7228
Deuteron Neutron Absorption
0 Kelvin Cross Sections
72-Hf-175
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
72-Hf-175

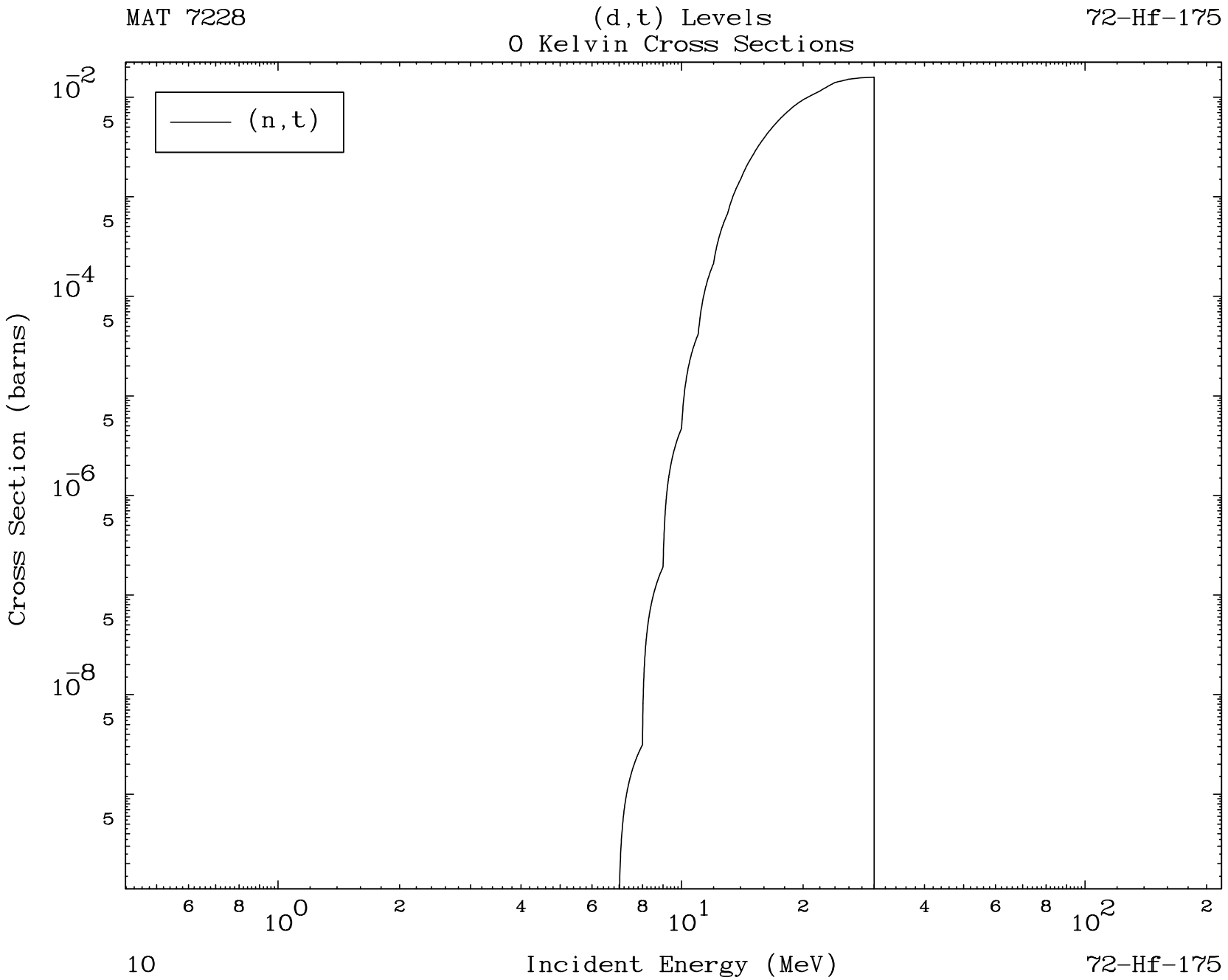

MAT 7228
Deuteron Charged Particle
0 Kelvin Cross Sections
72-Hf-175
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175
5

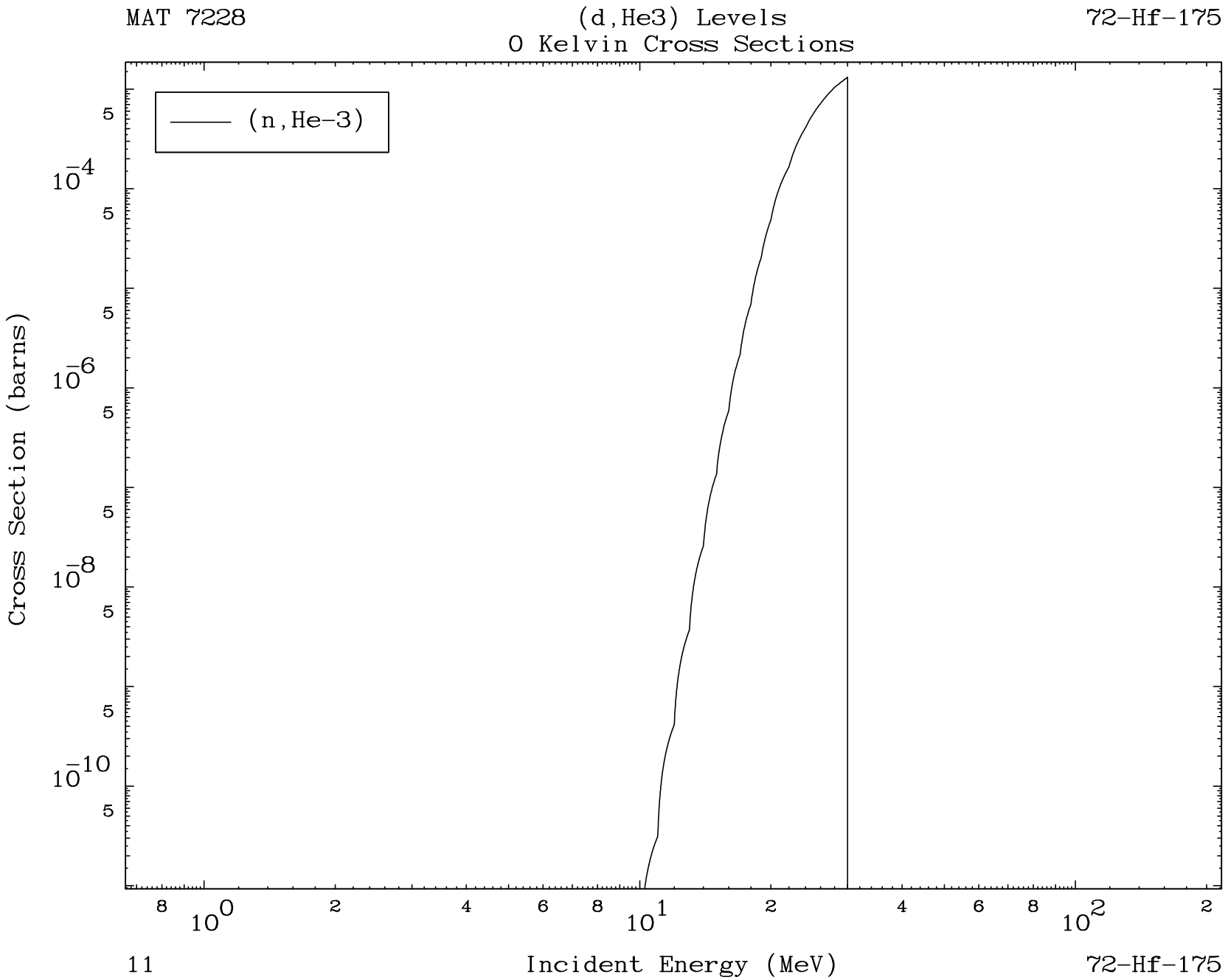

MAT 7228
Deuteron Charged Particle
0 Kelvin Cross Sections
72-Hf-175
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
72-Hf-175

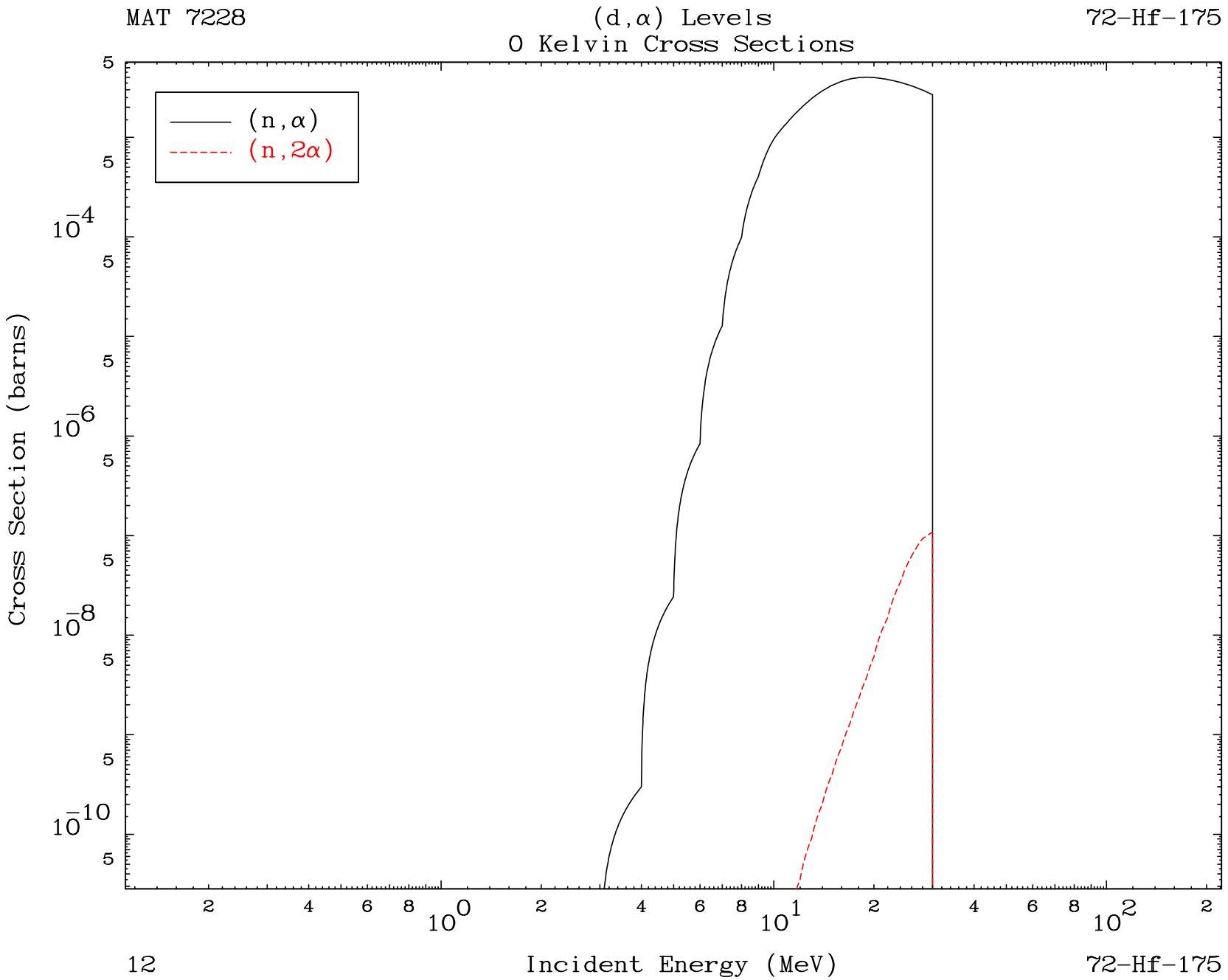

MAT 7228
Deuteron Charged Particle
0 Kelvin Cross Sections
72-Hf-175
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
72-Hf-175

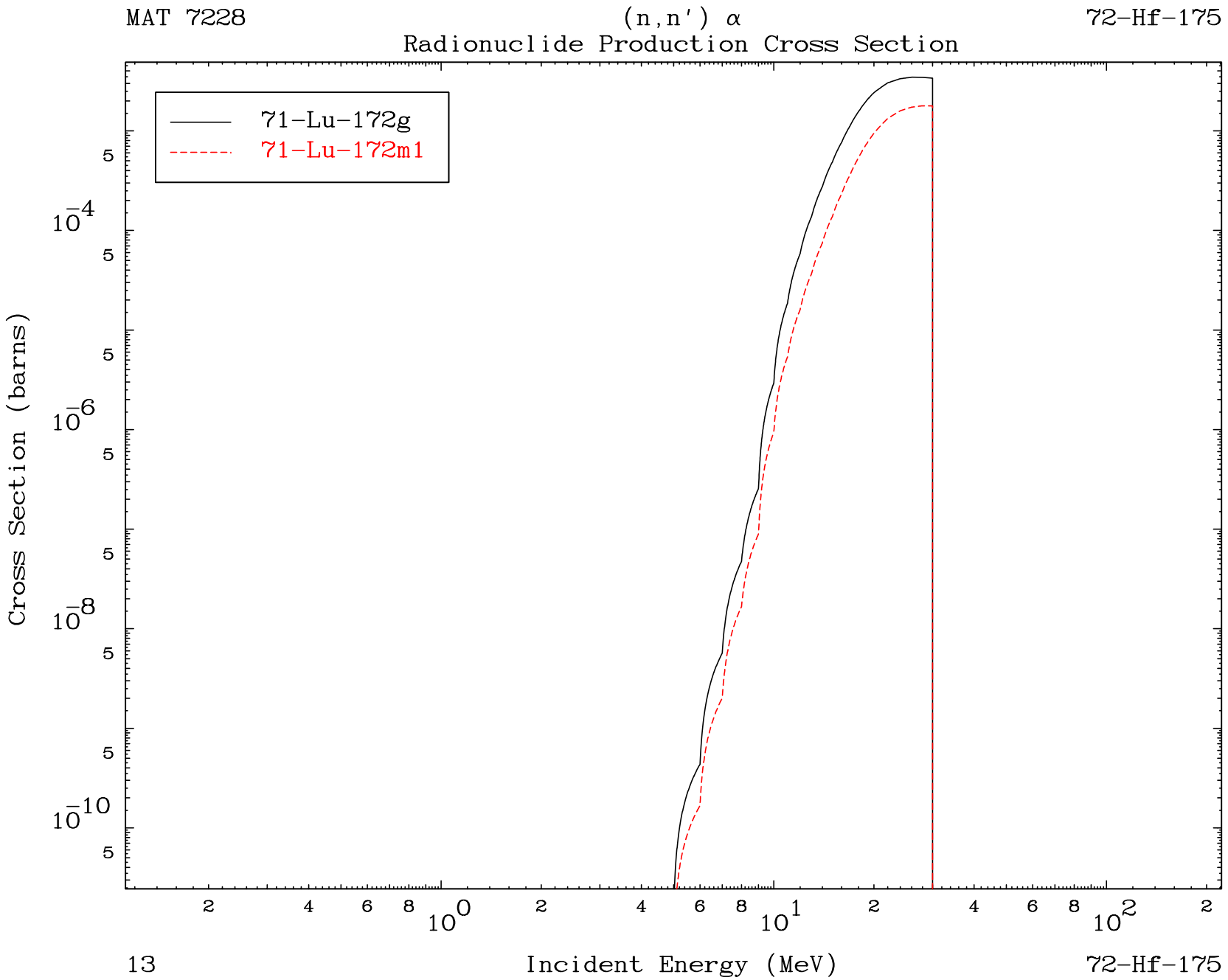

MAT 7228
(d,p) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
72-Hf-175

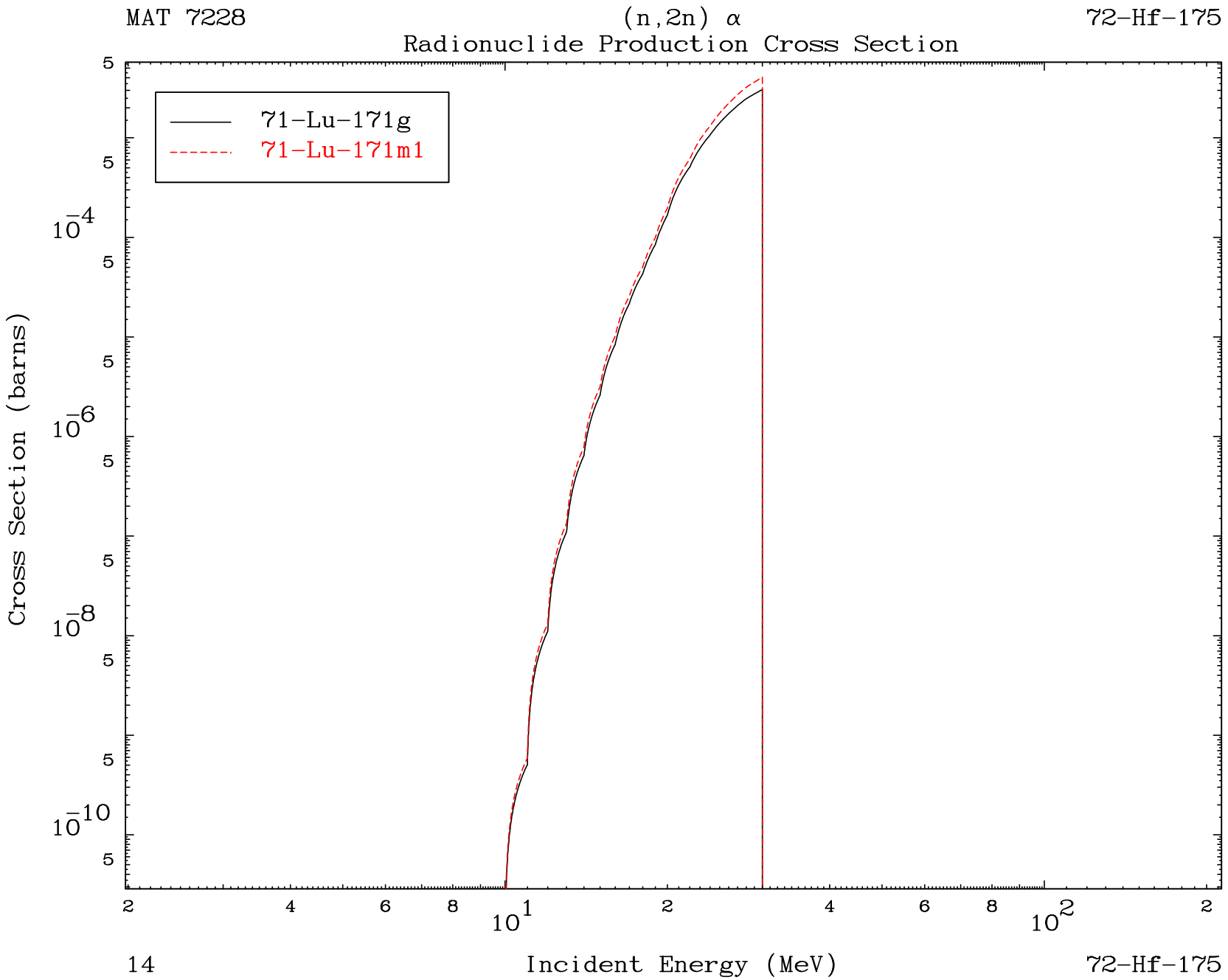

MAT 7228
(d,d) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
72-Hf-175

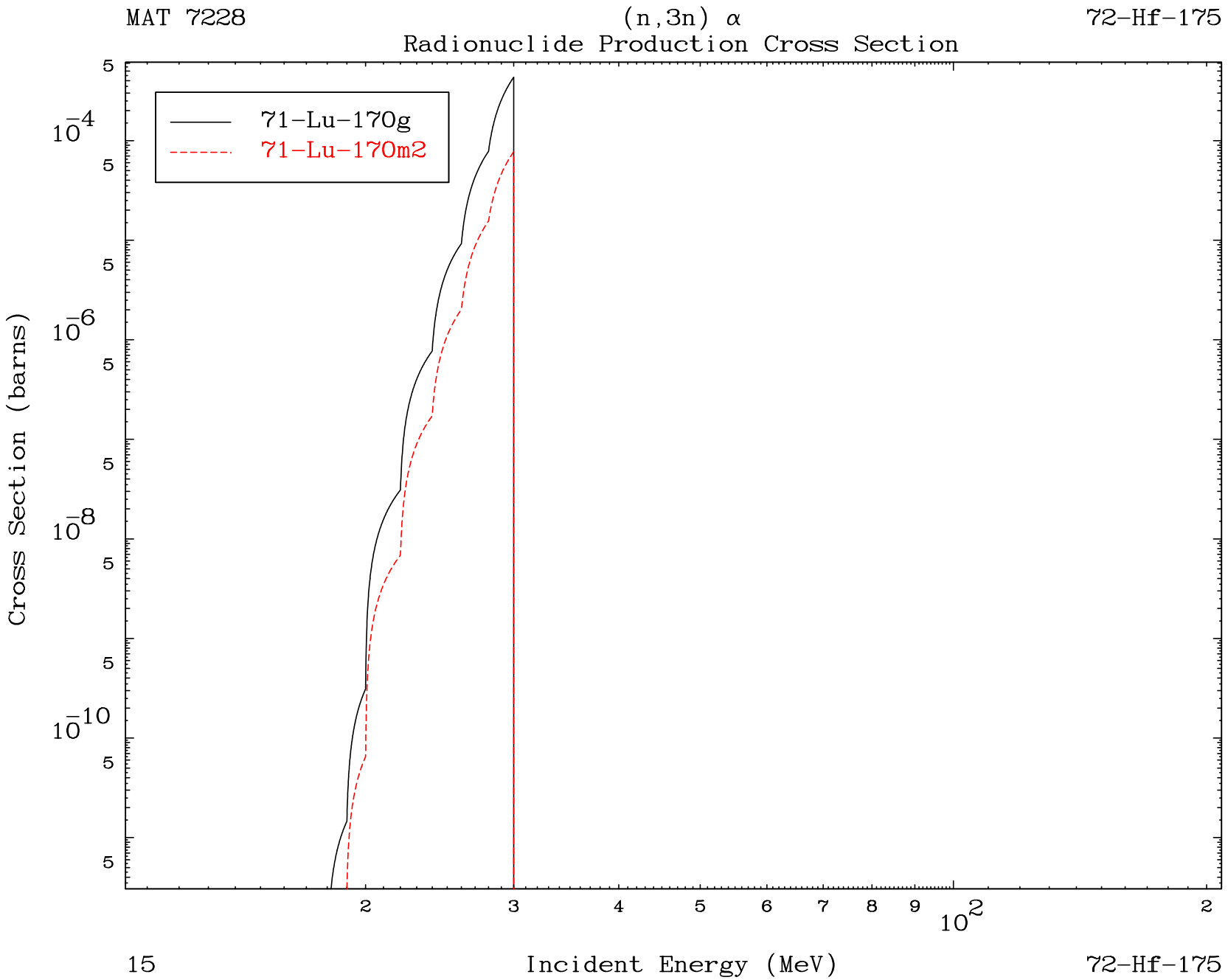

MAT 7228
(d,t) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175

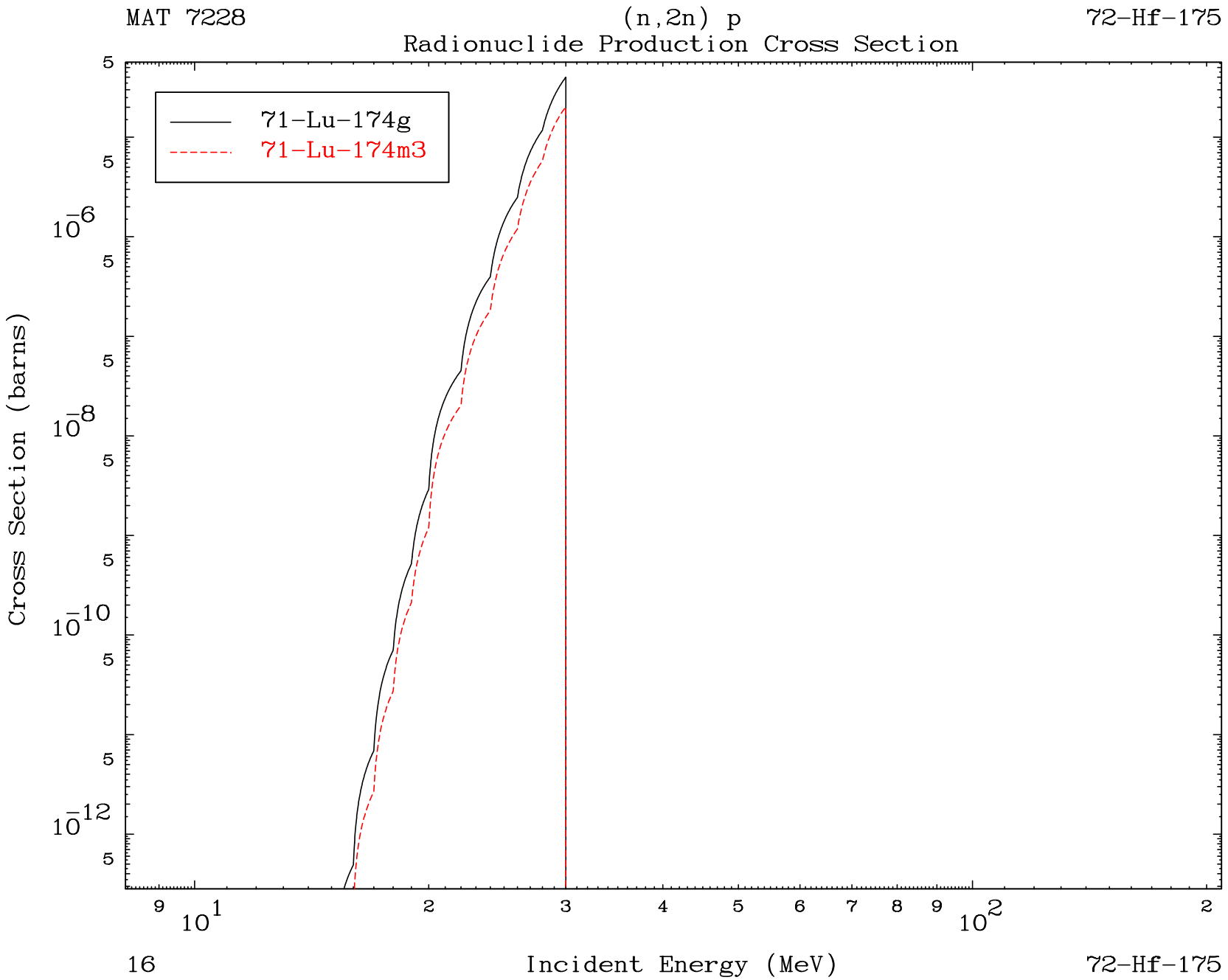

MAT 7228
(d,He3) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
72-Hf-175

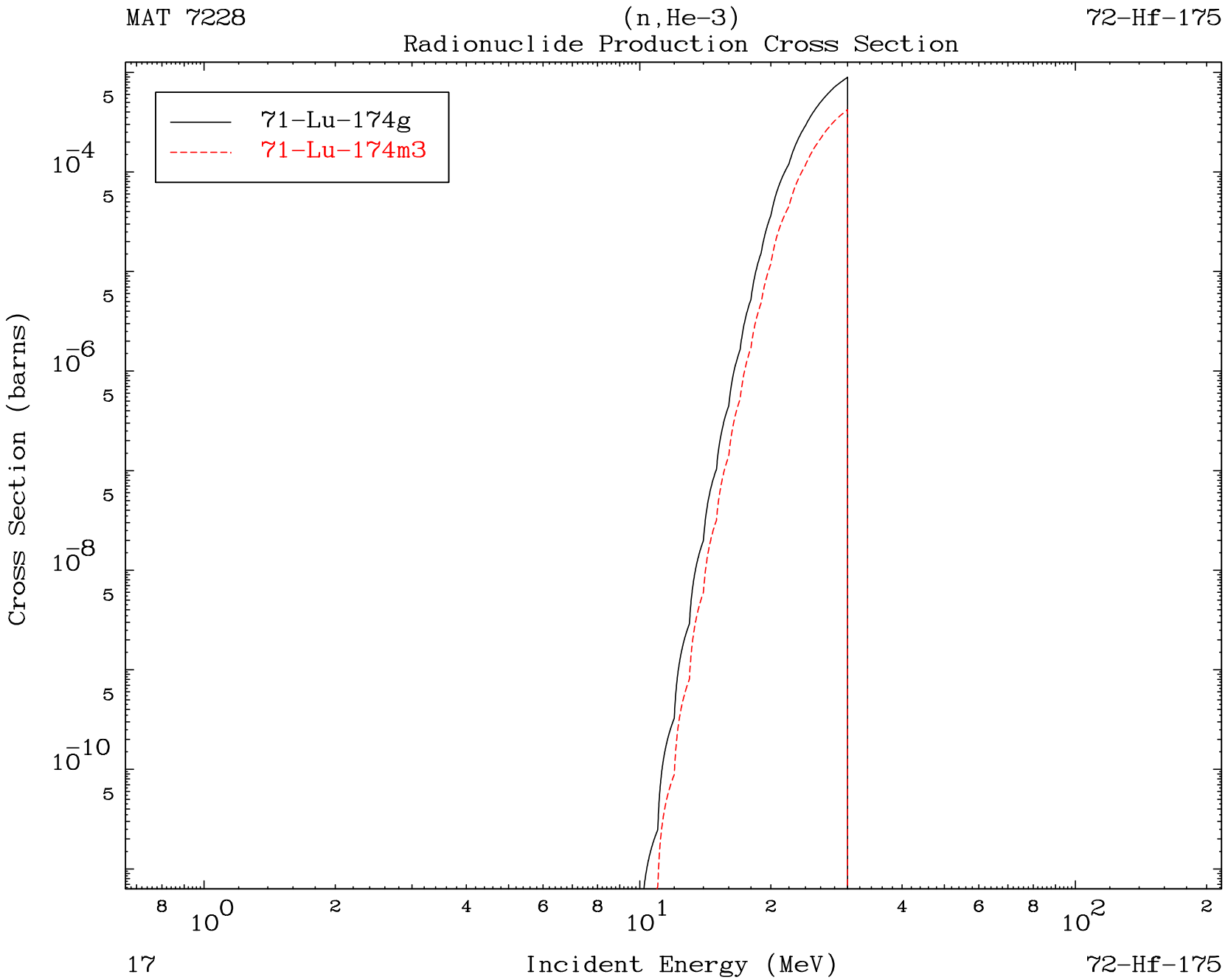

MAT 7228
(d,α) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
72-Hf-175

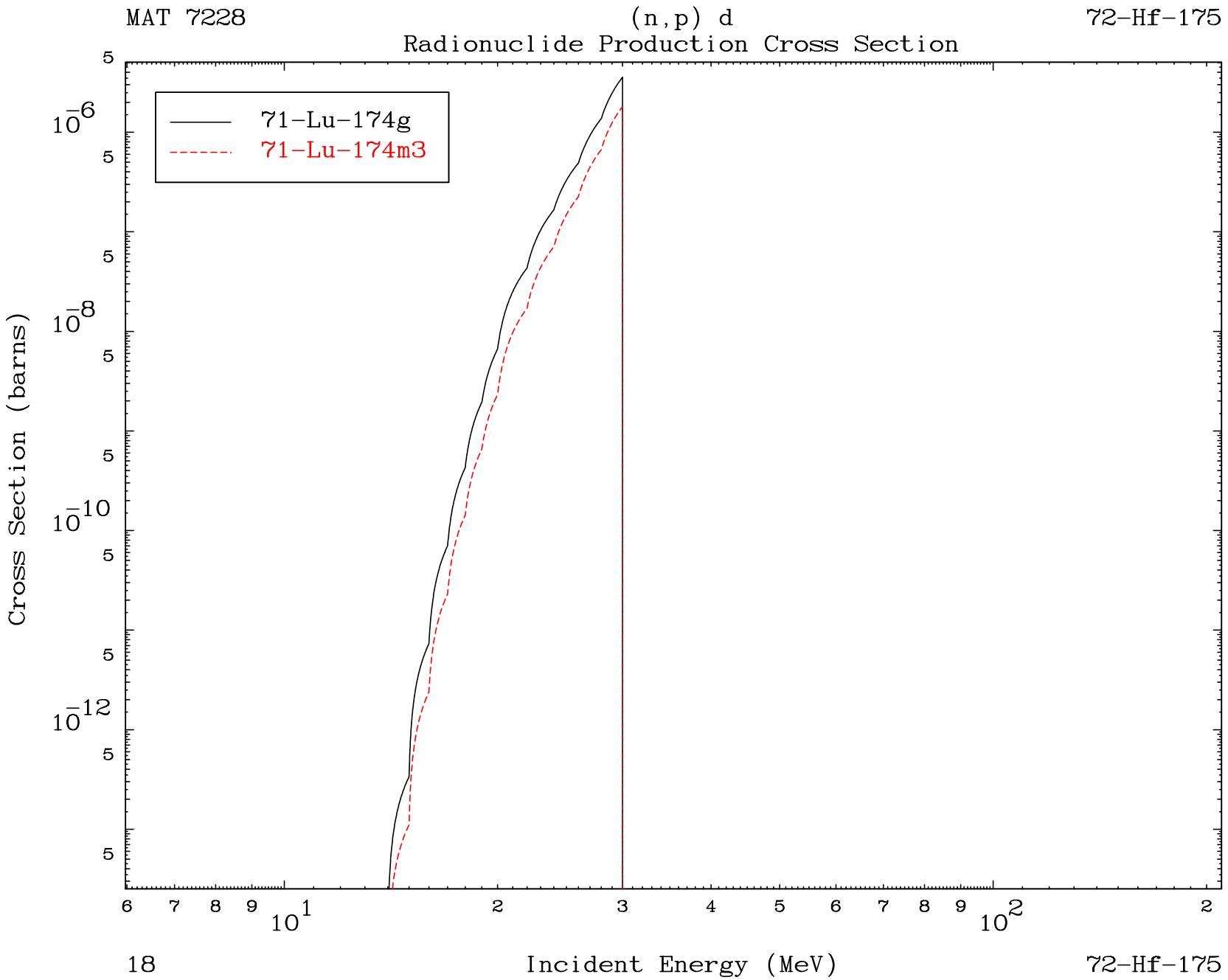

MAT 7228
(n,n') α
72-Hf-175
Radionuclide Production Cross Section
71-Lu-172g
71-Lu-172m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
13
72-Hf-175


MAT 7228
(n,2n) α
72-Hf-175
Radionuclide Production Cross Section
71-Lu-171g
71-Lu-171m1
Cross Section (barns)
Incident Energy (MeV)
14
72-Hf-175


MAT 7228
(n,3n) α
72-Hf-175
Radionuclide Production Cross Section
71-Lu-170g
71-Lu-170m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
15
72-Hf-175


MAT 7228
(n,2n) p
72-Hf-175
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
16
72-Hf-175


MAT 7228
(n,He-3)
72-Hf-175
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
17
72-Hf-175


MAT 7228
(n,p) d
72-Hf-175
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
18
72-Hf-175