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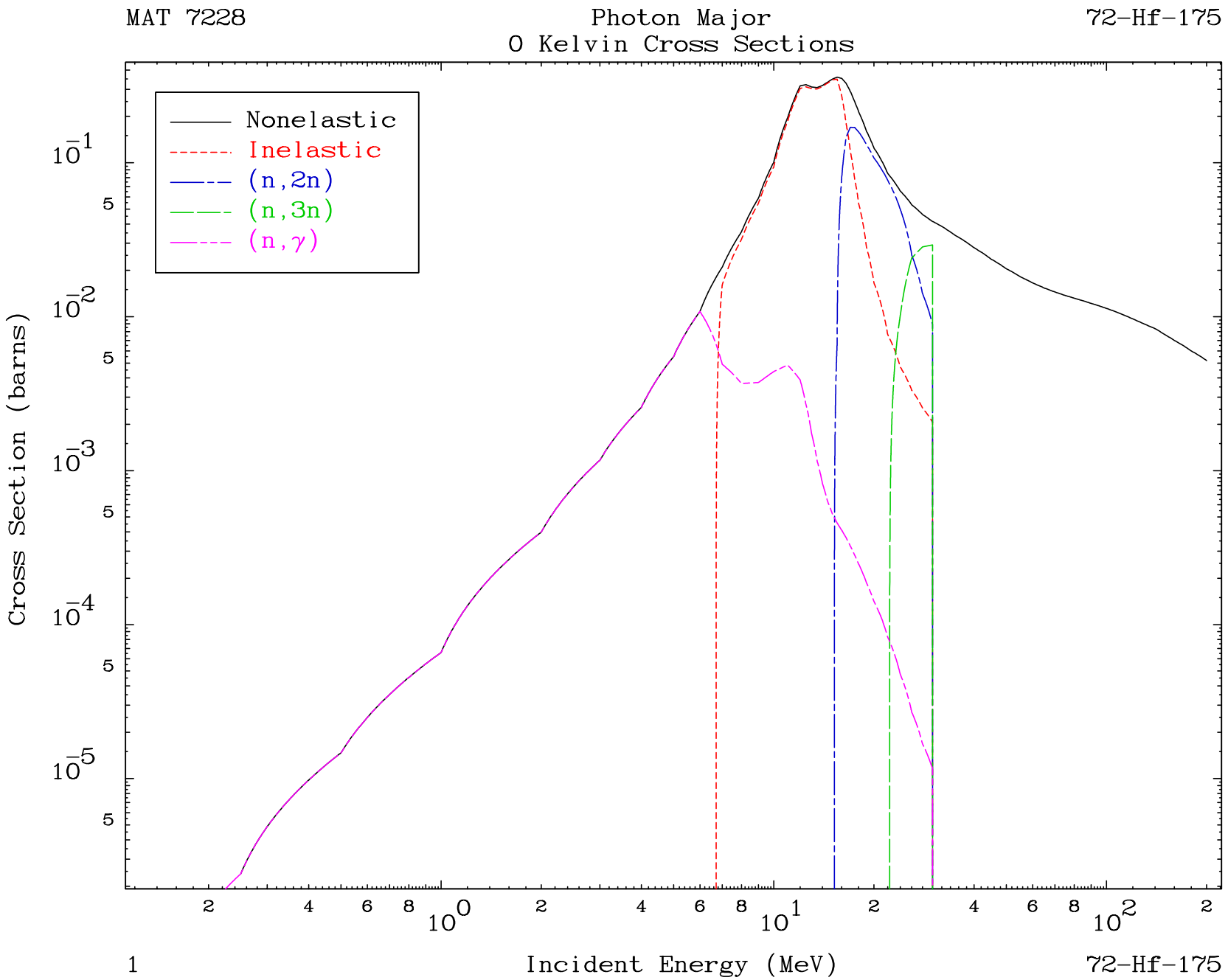
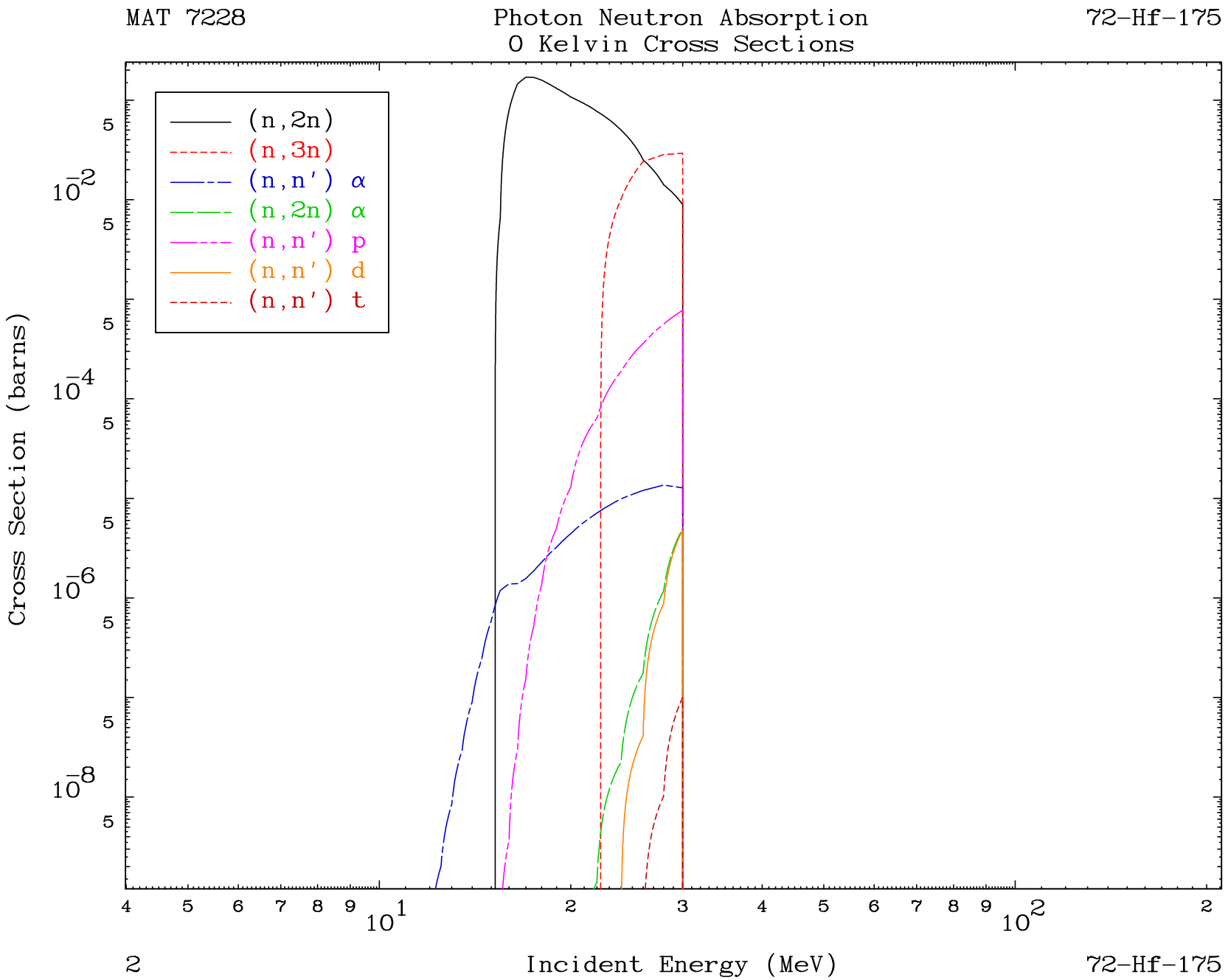
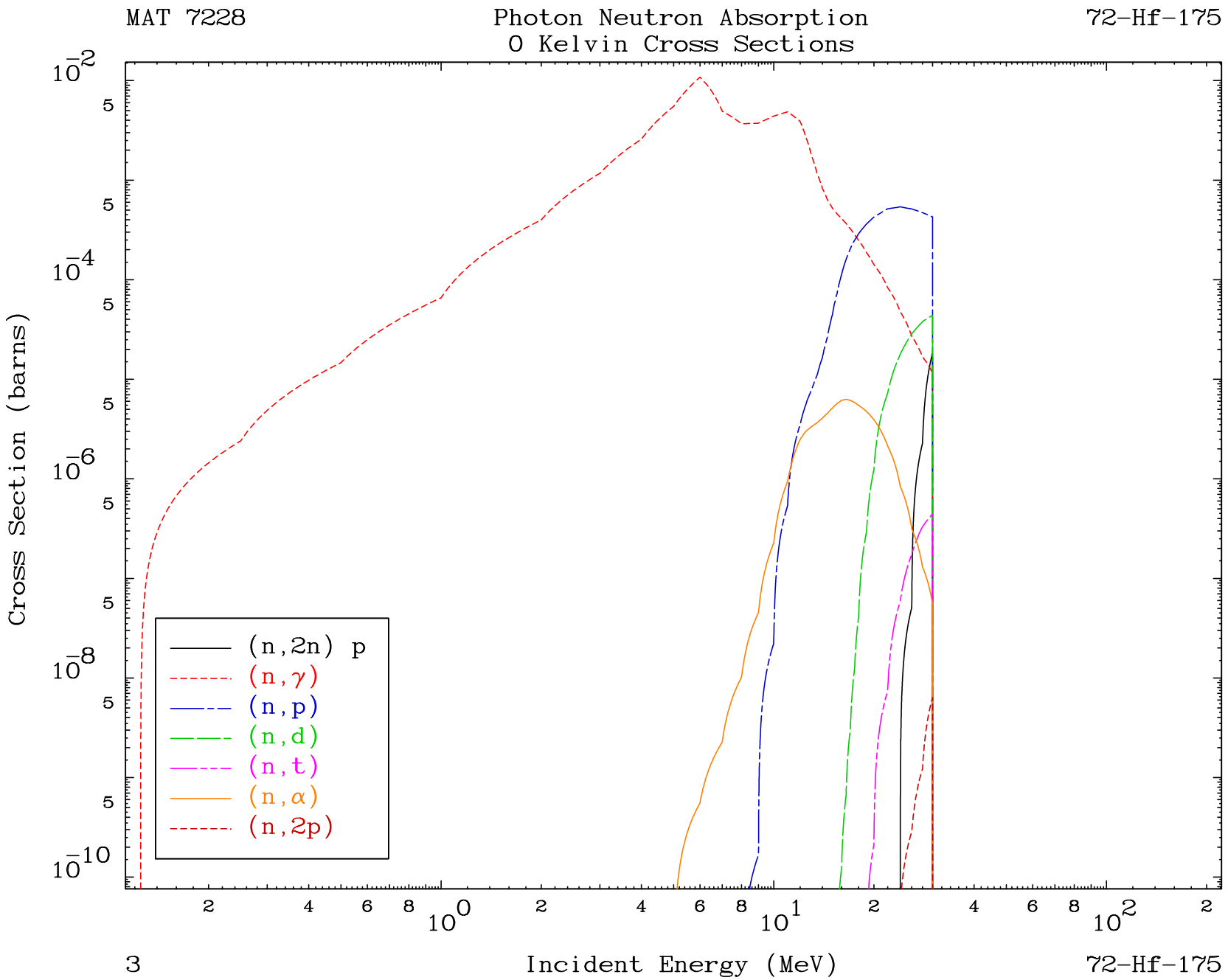
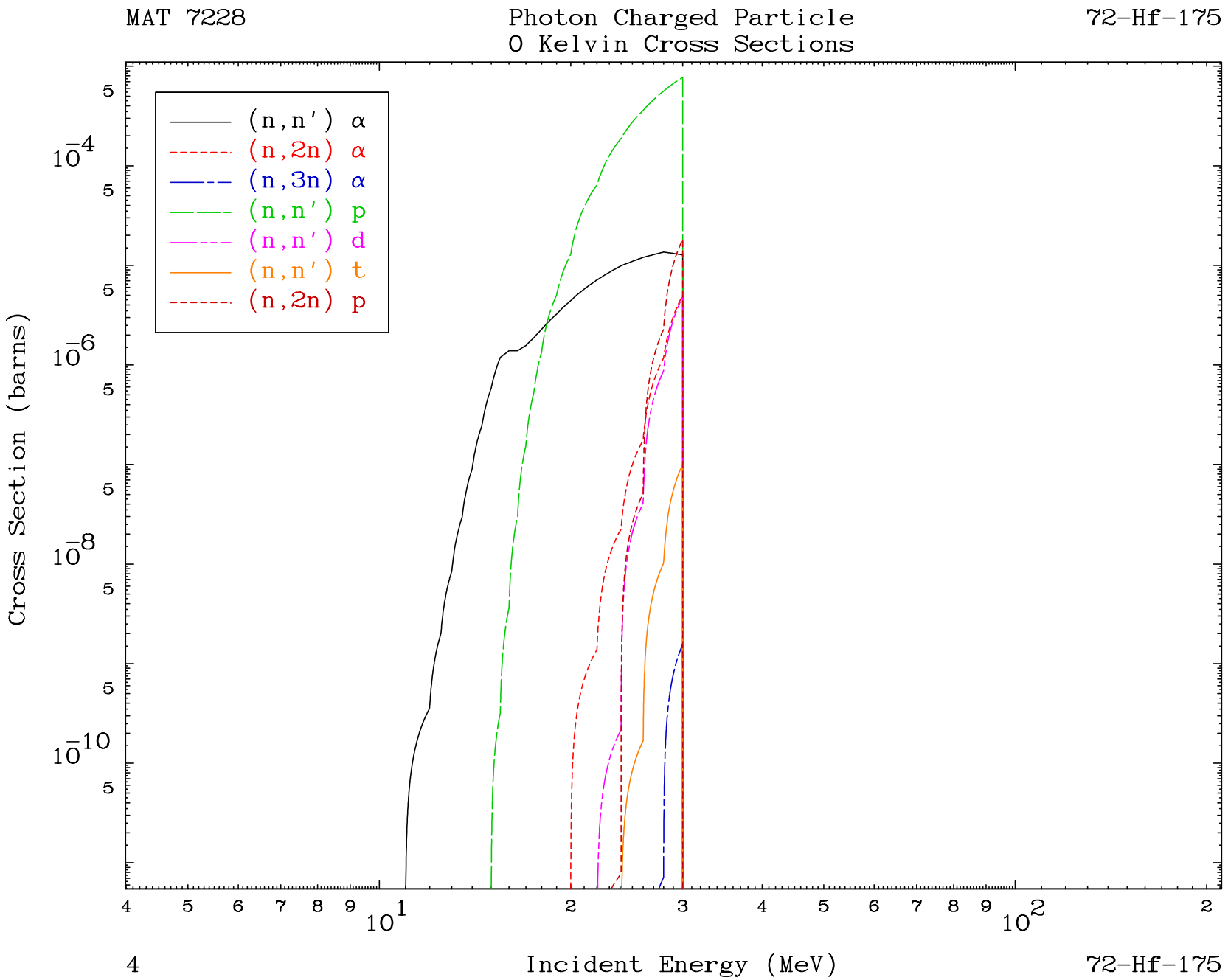
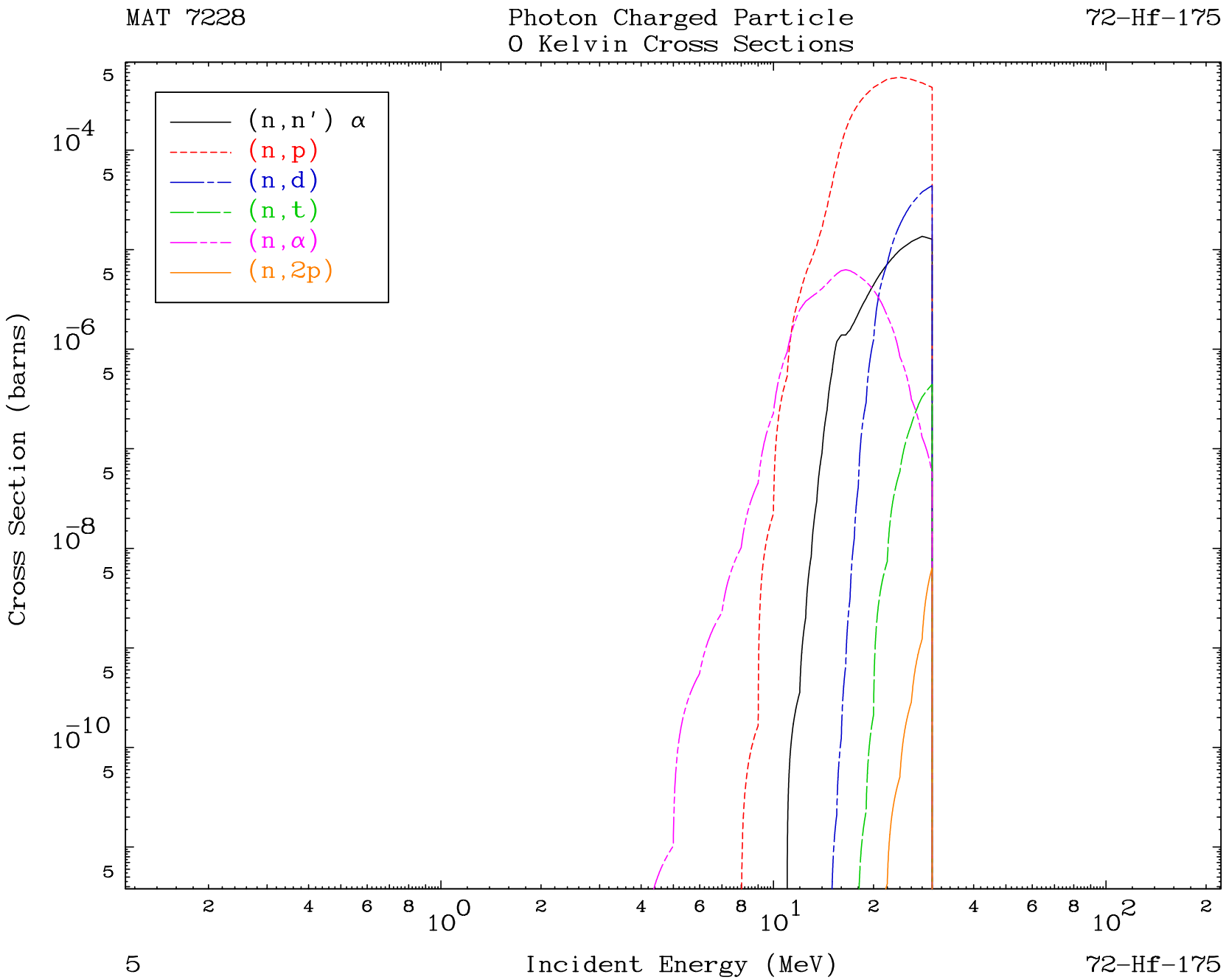
Press Mouse Button to Start

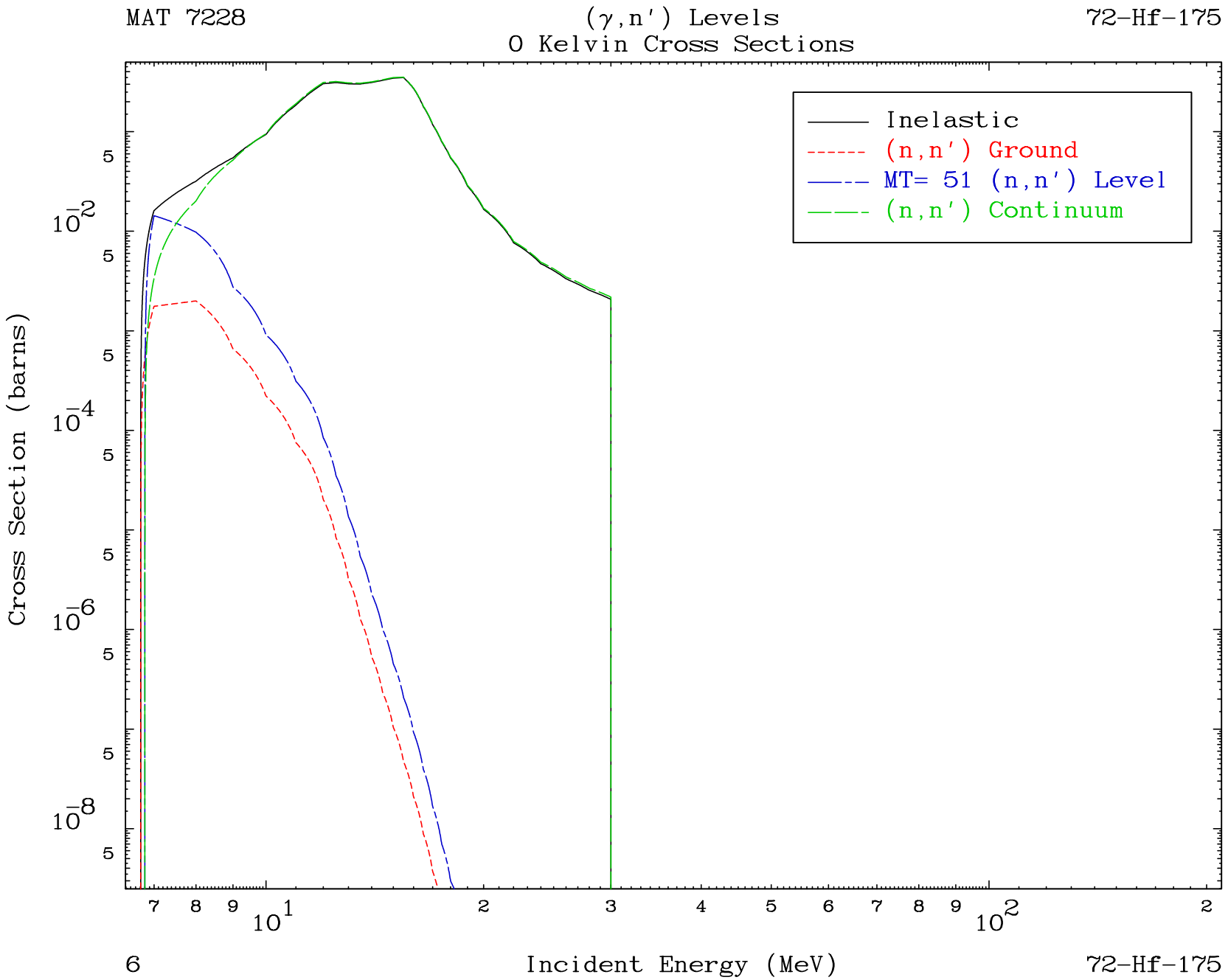

MAT 7228
Photon Major
72-Hf-175
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
72-Hf-175

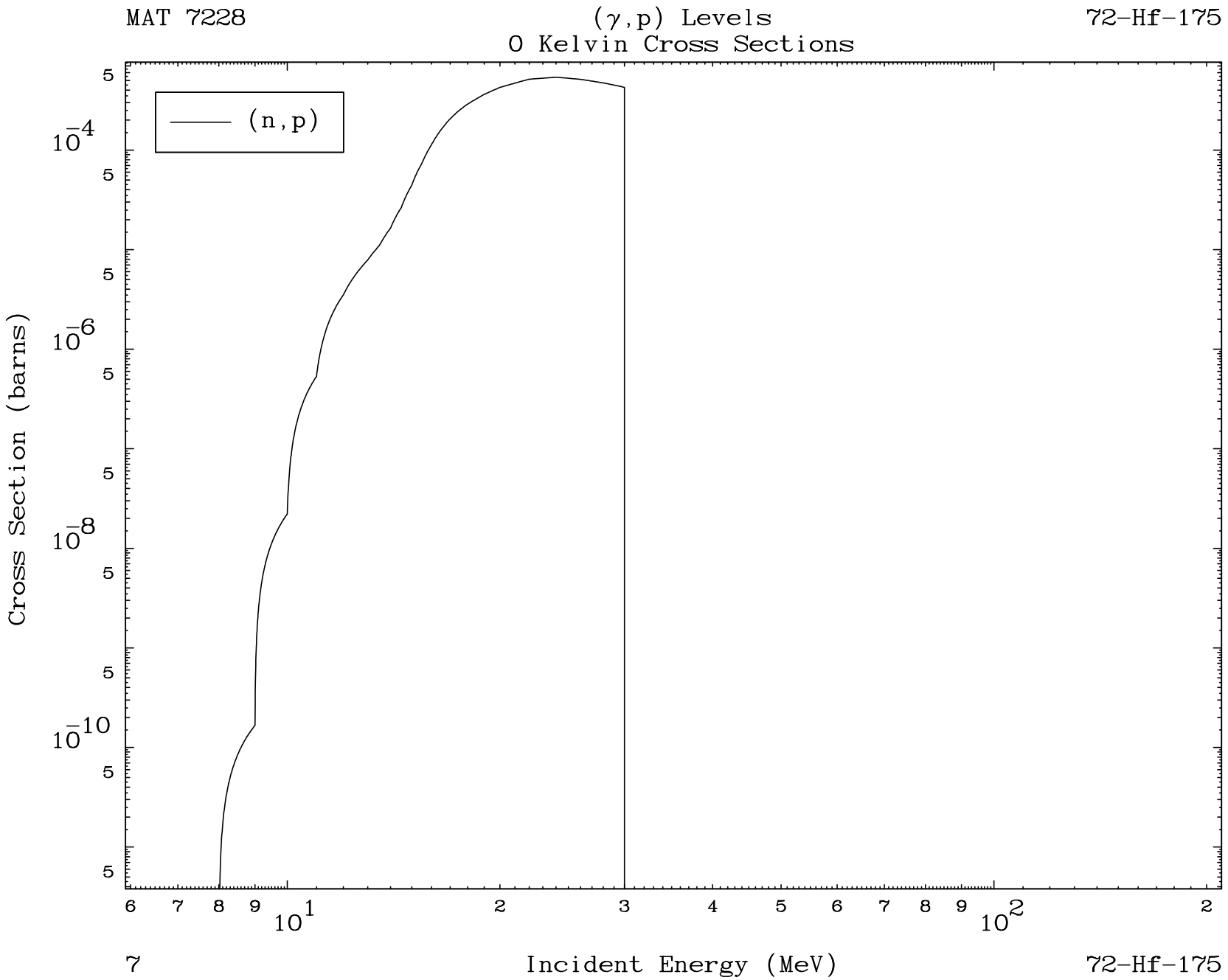

MAT 7228
Photon Neutron Absorption
0 Kelvin Cross Sections
72-Hf-175
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175

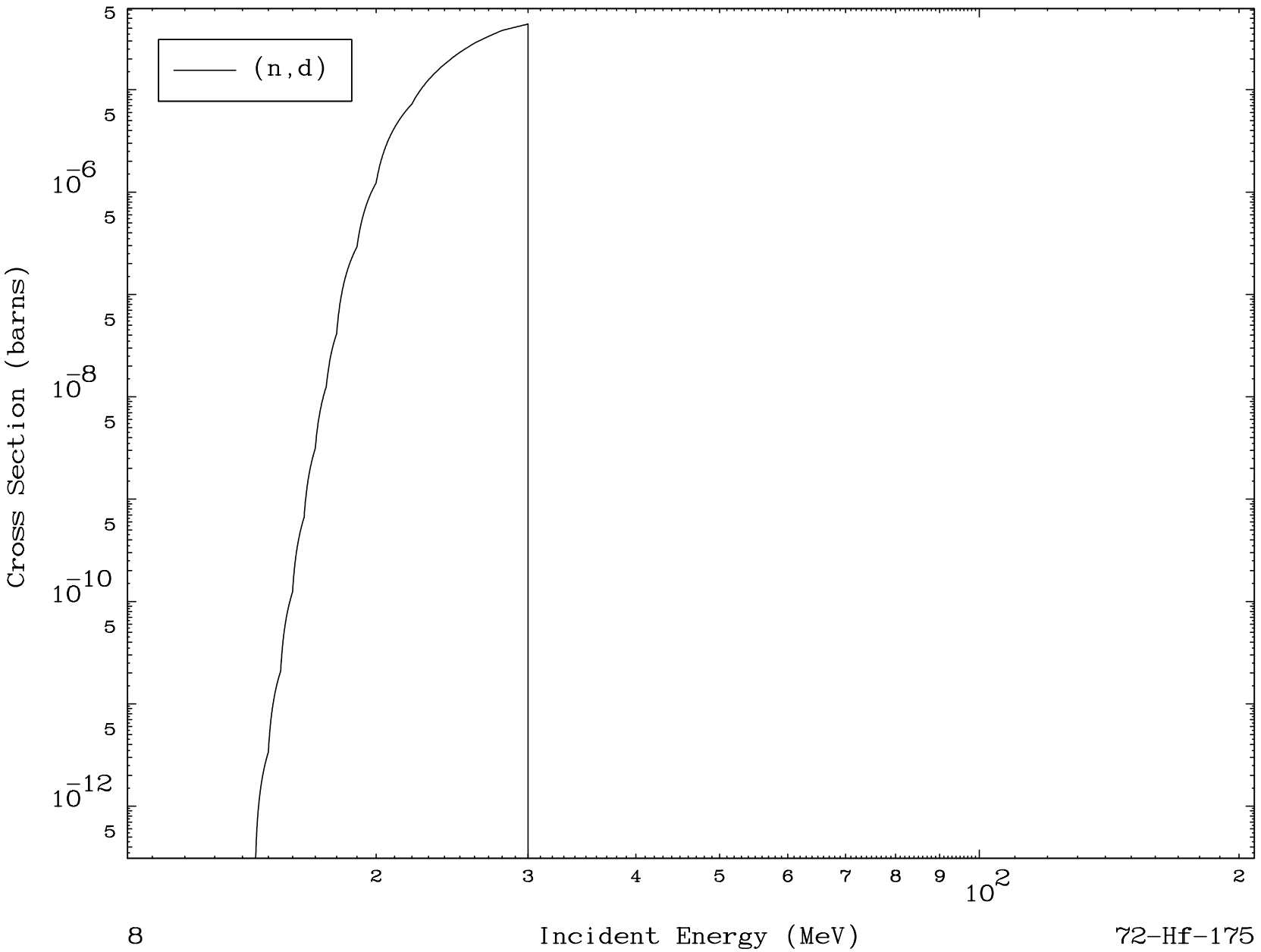

MAT 7228
Photon Neutron Absorption
0 Kelvin Cross Sections
72-Hf-175
Cross Section (barns)
Incident Energy (MeV)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
3
72-Hf-175

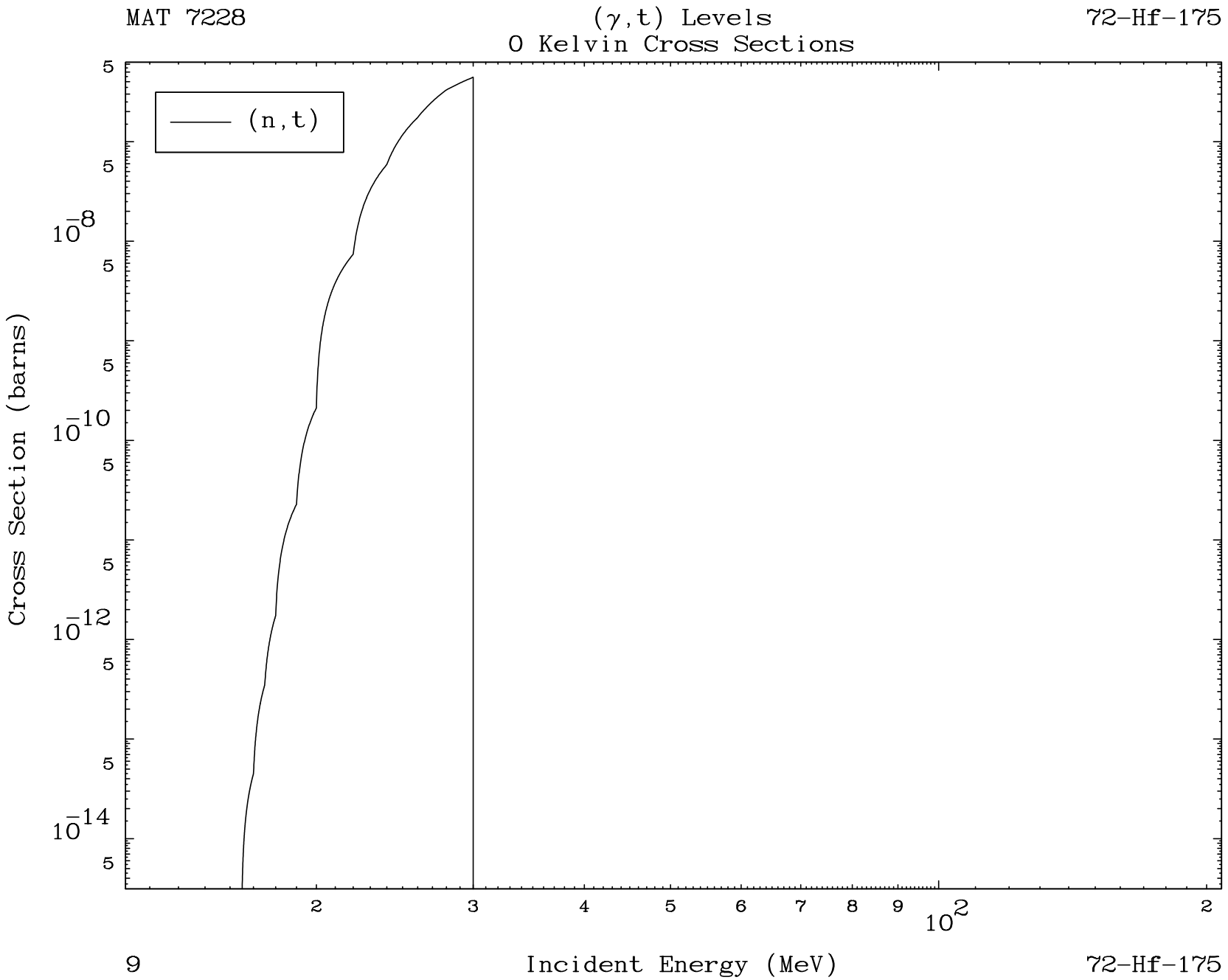

MAT 7228
Photon Charged Particle
0 Kelvin Cross Sections
72-Hf-175
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175
4

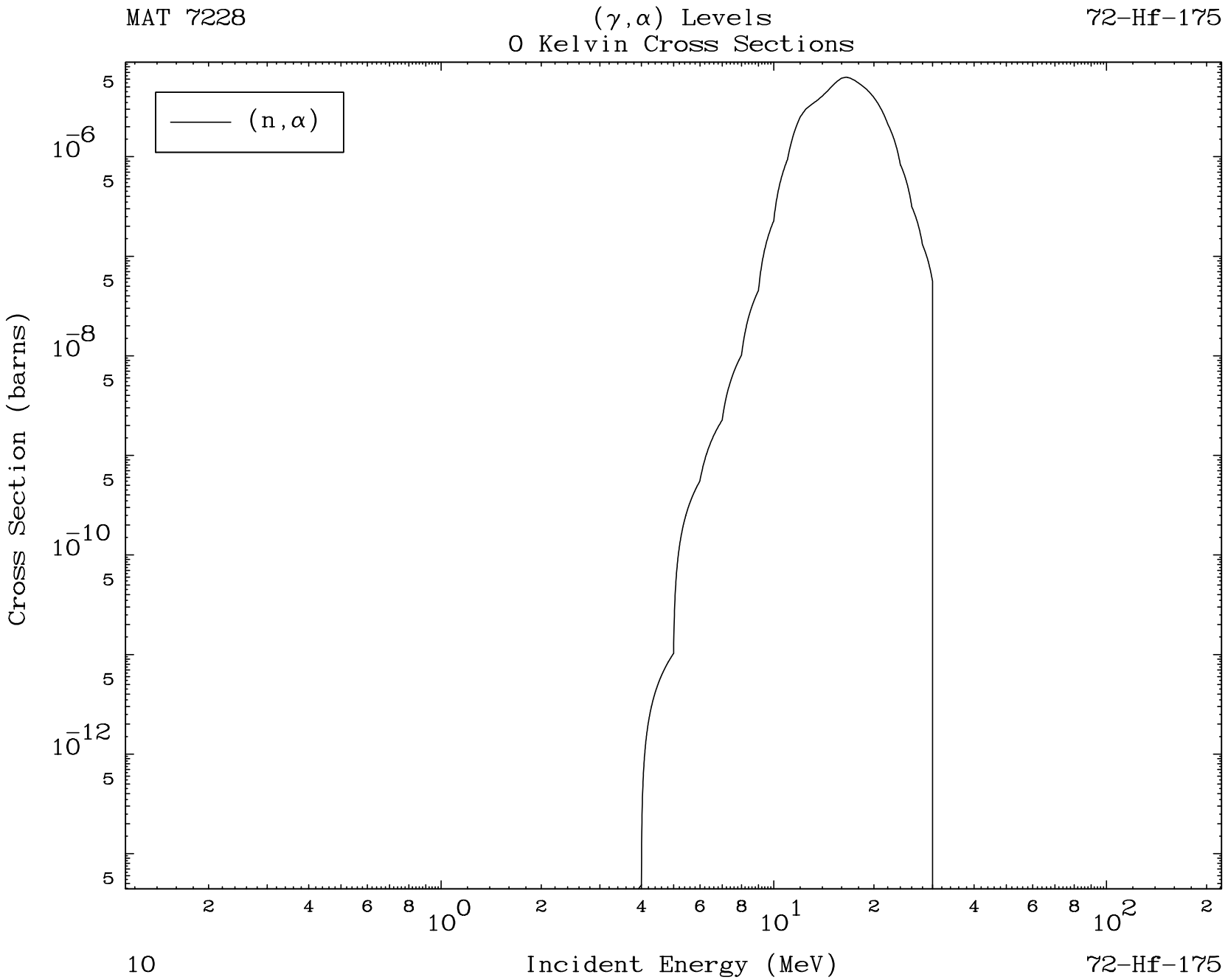

MAT 7228
Photon Charged Particle
0 Kelvin Cross Sections
72-Hf-175
(n,n') α
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175

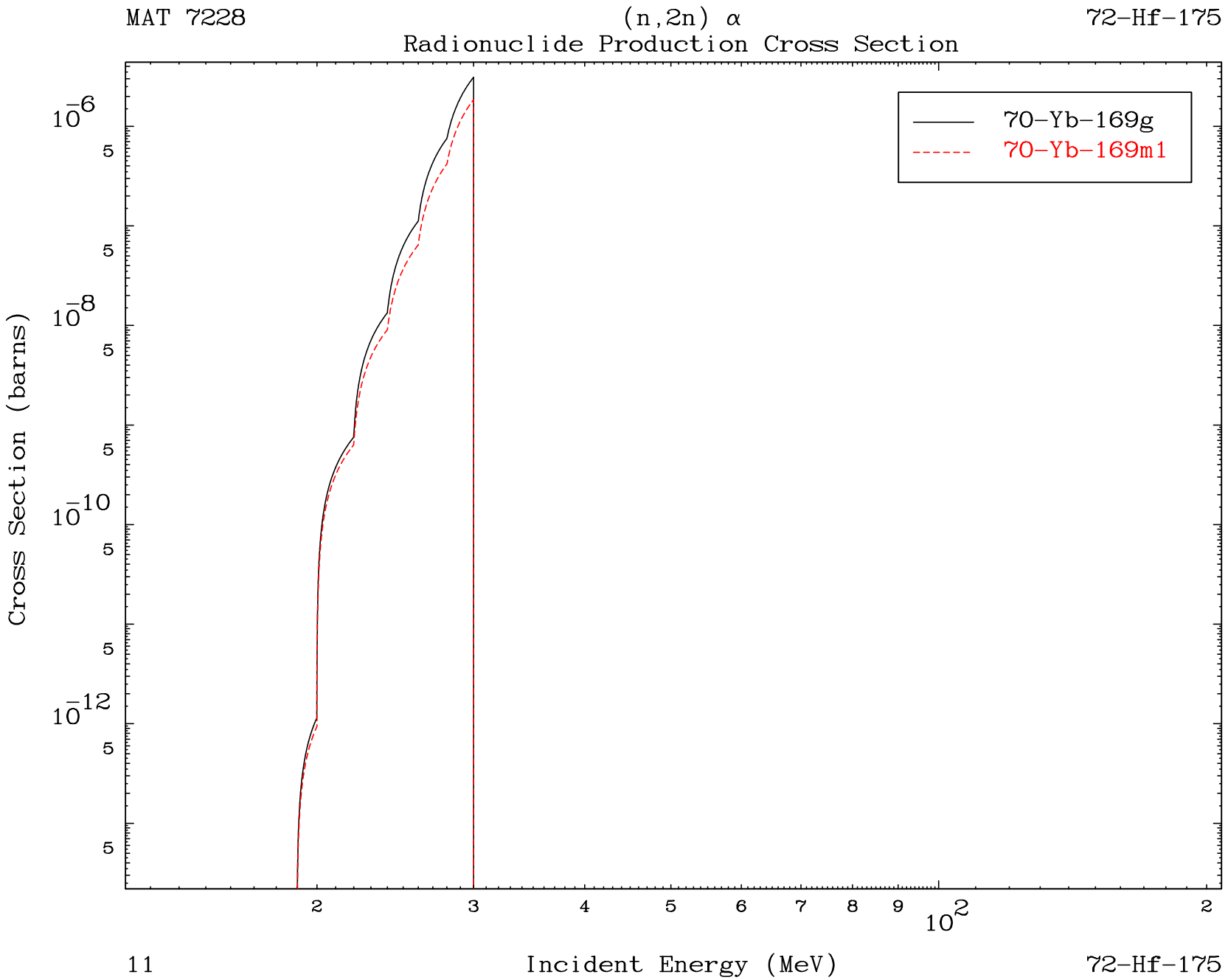

MAT 7228
(γ,n') Levels
0 Kelvin Cross Sections
72-Hf-175
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
72-Hf-175

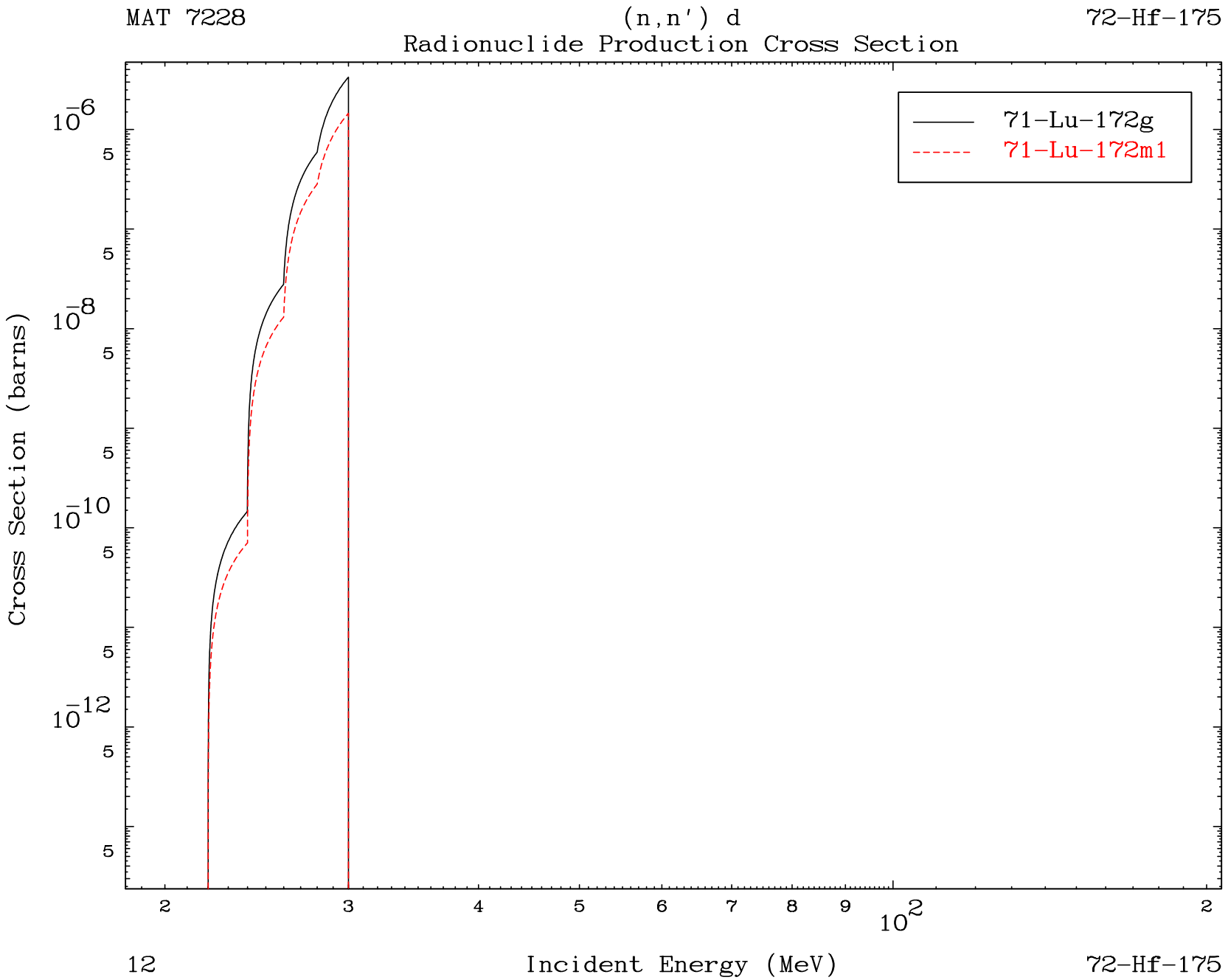

MAT 7228
(γ,p) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175
7

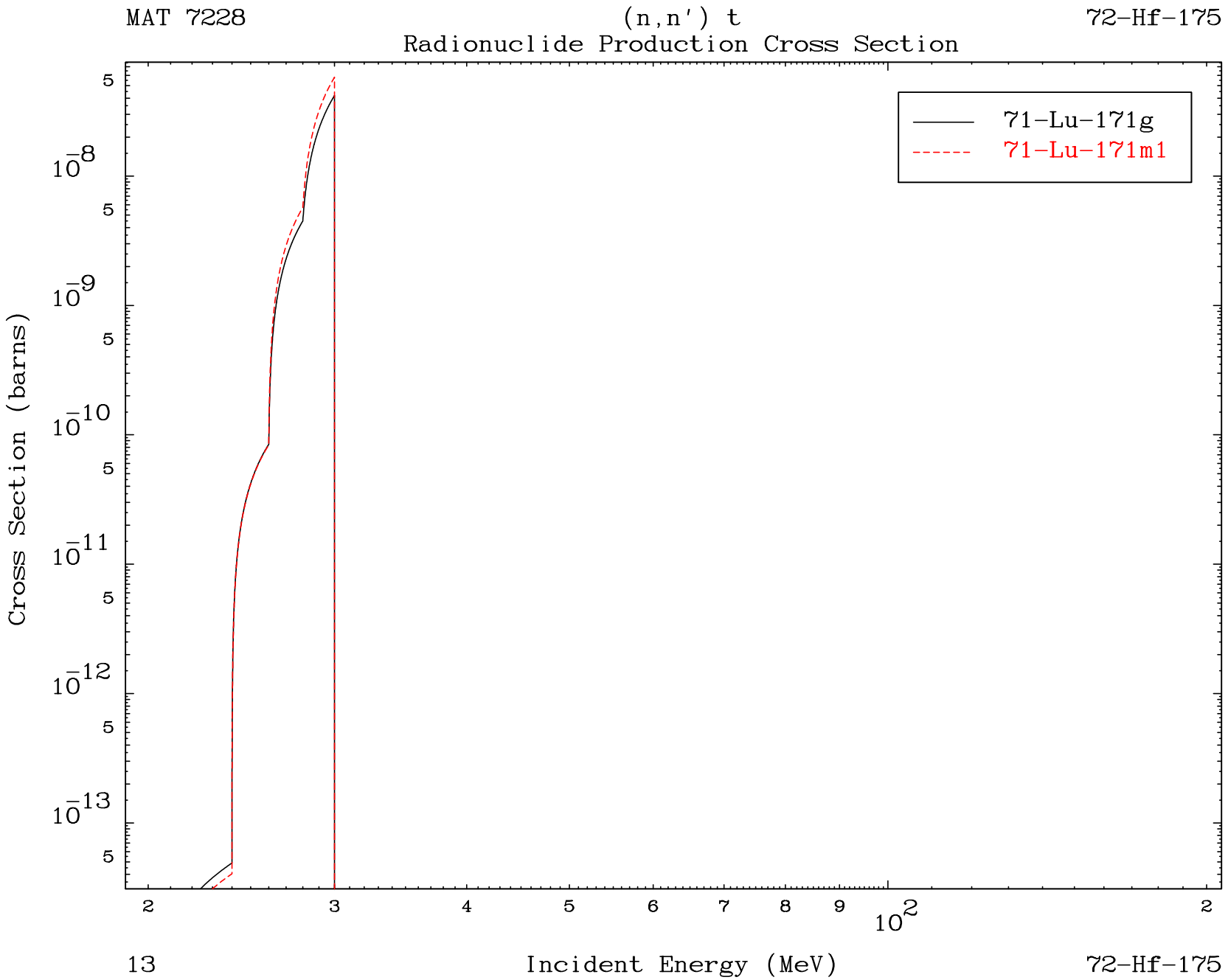

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

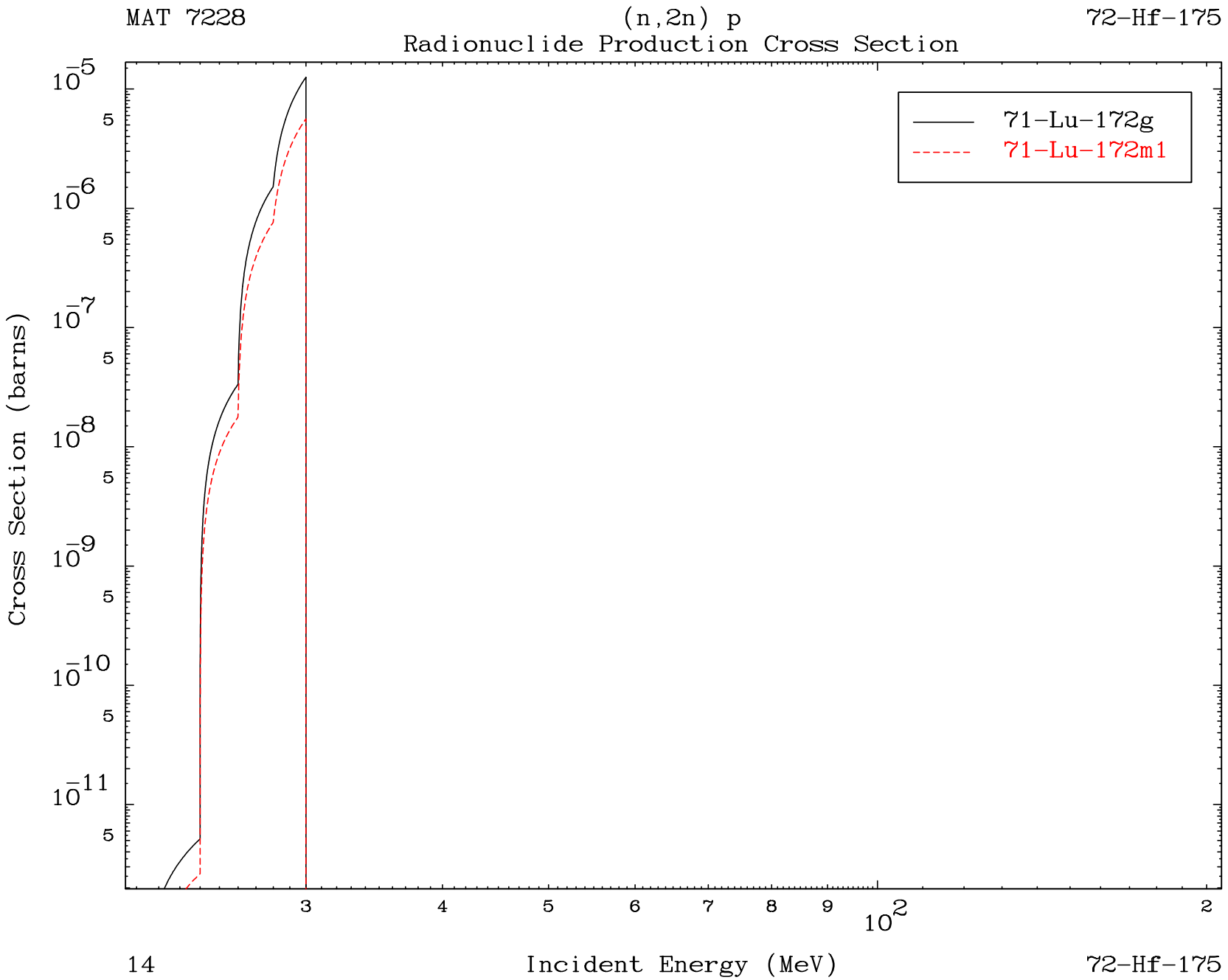

MAT 7228
(γ,t) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
Incident Energy (MeV)
10^2
9
72-Hf-175

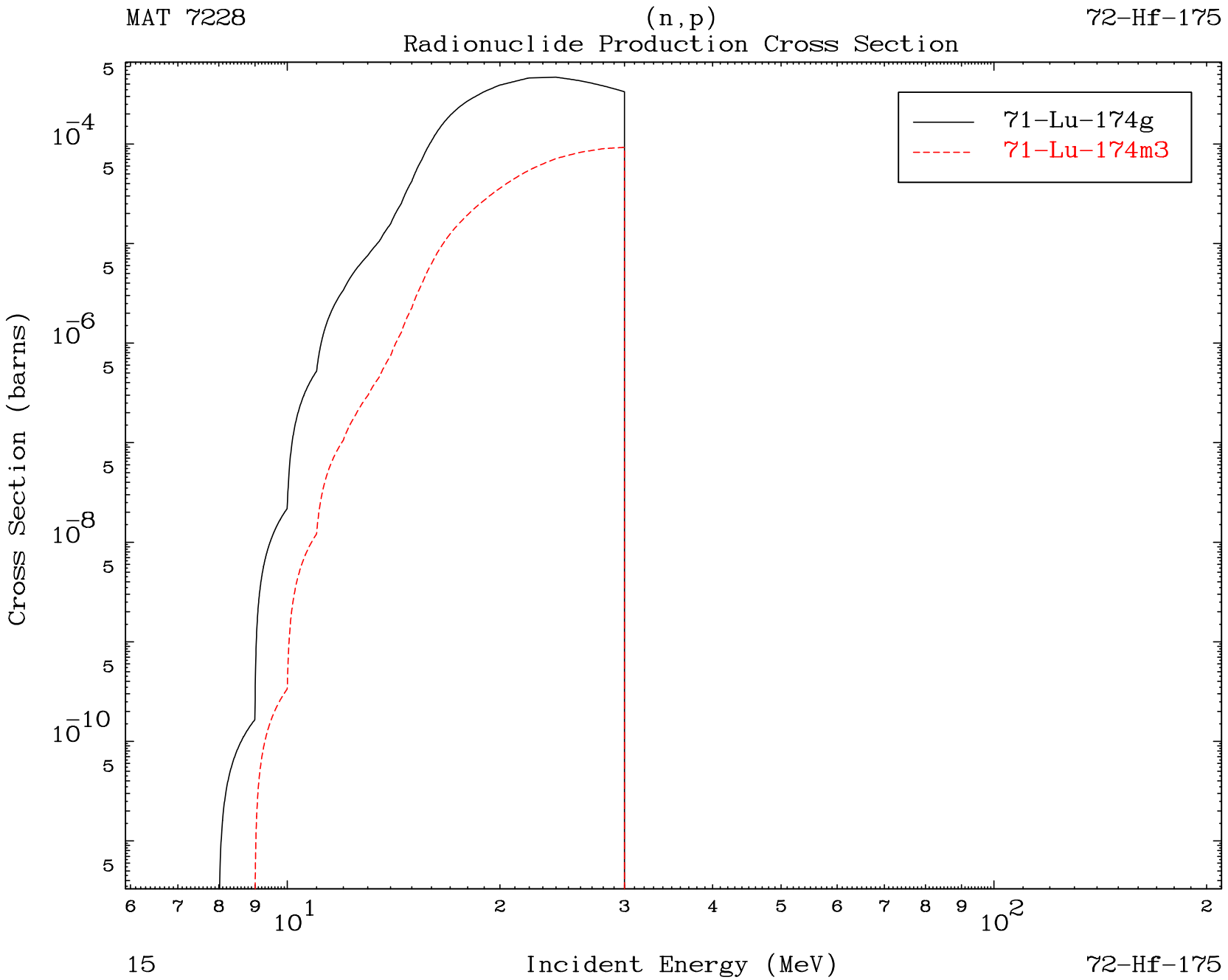

MAT 7228
(γ,α) Levels
72-Hf-175
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
72-Hf-175
10

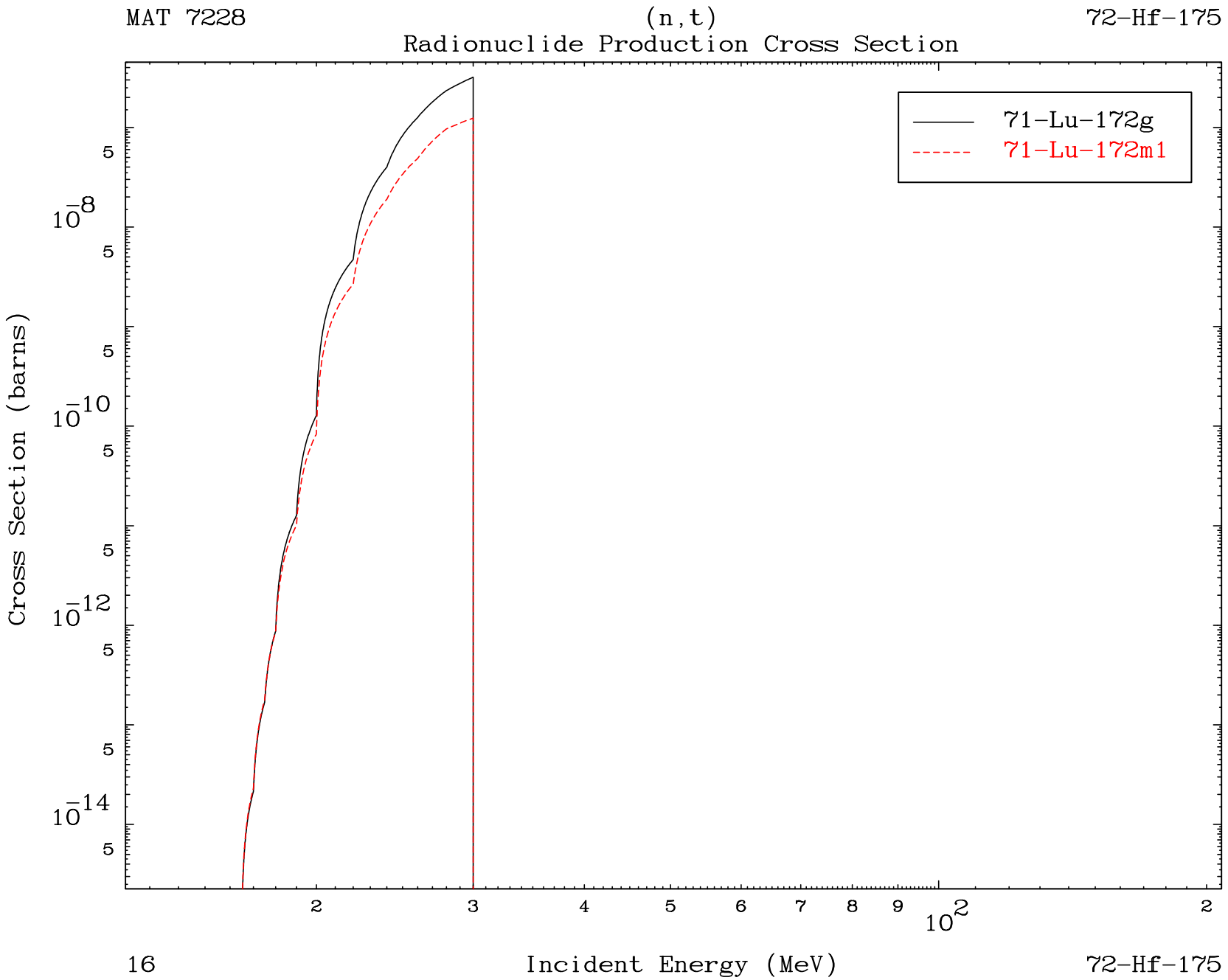

MAT 7228
(n,2n) α
72-Hf-175
Radionuclide Production Cross Section
70-Yb-169g
70-Yb-169m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
72-Hf-175


MAT 7228
(n,n') d
72-Hf-175
Radionuclide Production Cross Section
71-Lu-172g
71-Lu-172m1
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)
72-Hf-175


MAT 7228
(n,n') t
72-Hf-175
Radionuclide Production Cross Section
71-Lu-171g
71-Lu-171m1
Cross Section (barns)
Incident Energy (MeV)
13
72-Hf-175


MAT 7228
(n,2n) p
72-Hf-175
Radionuclide Production Cross Section
71-Lu-172g
71-Lu-172m1
Cross Section (barns)
Incident Energy (MeV)
14
72-Hf-175


MAT 7228
(n,p)
72-Hf-175
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
15
72-Hf-175


MAT 7228
(n,t)
72-Hf-175
Radionuclide Production Cross Section
71-Lu-172g
71-Lu-172m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
72-Hf-175