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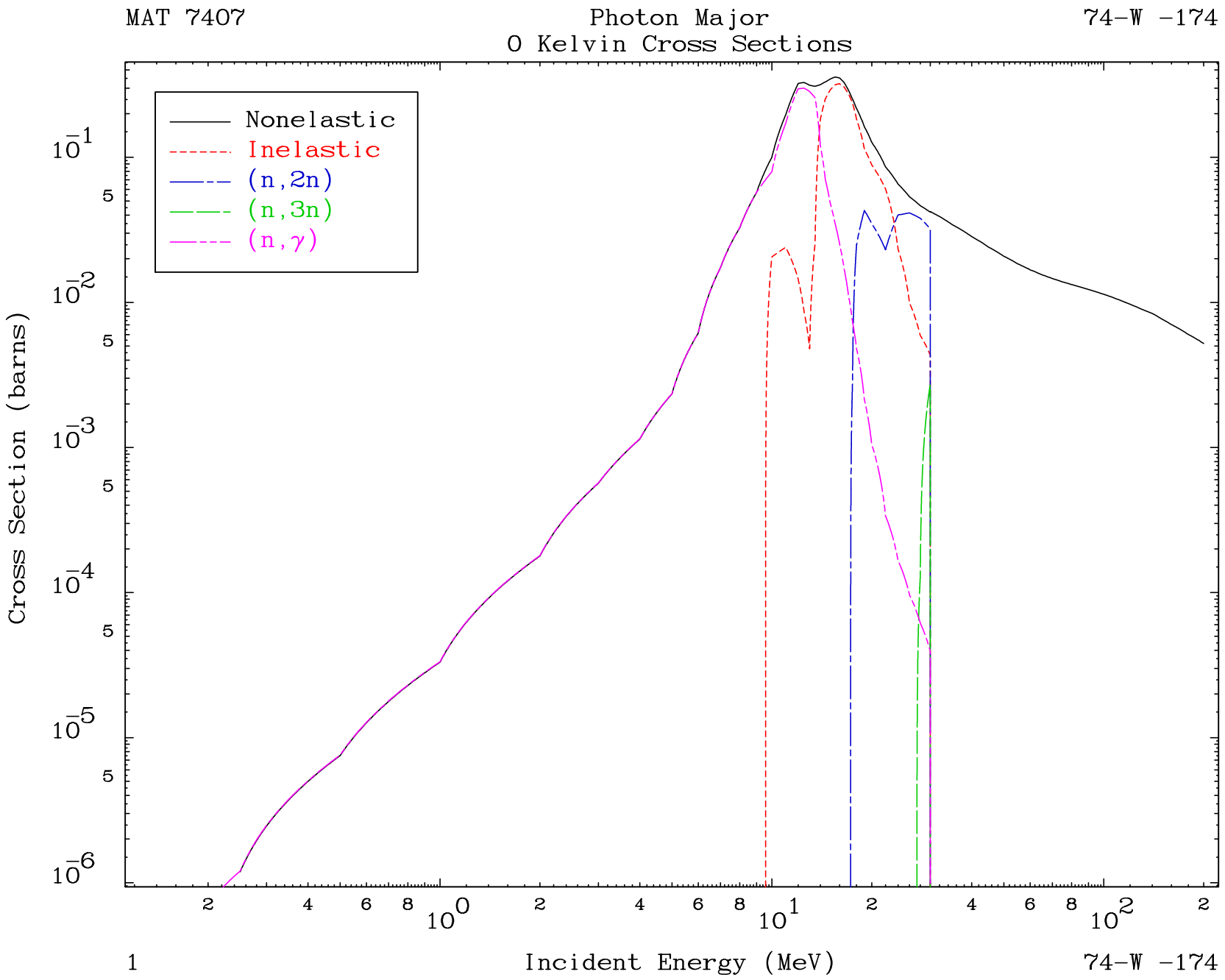
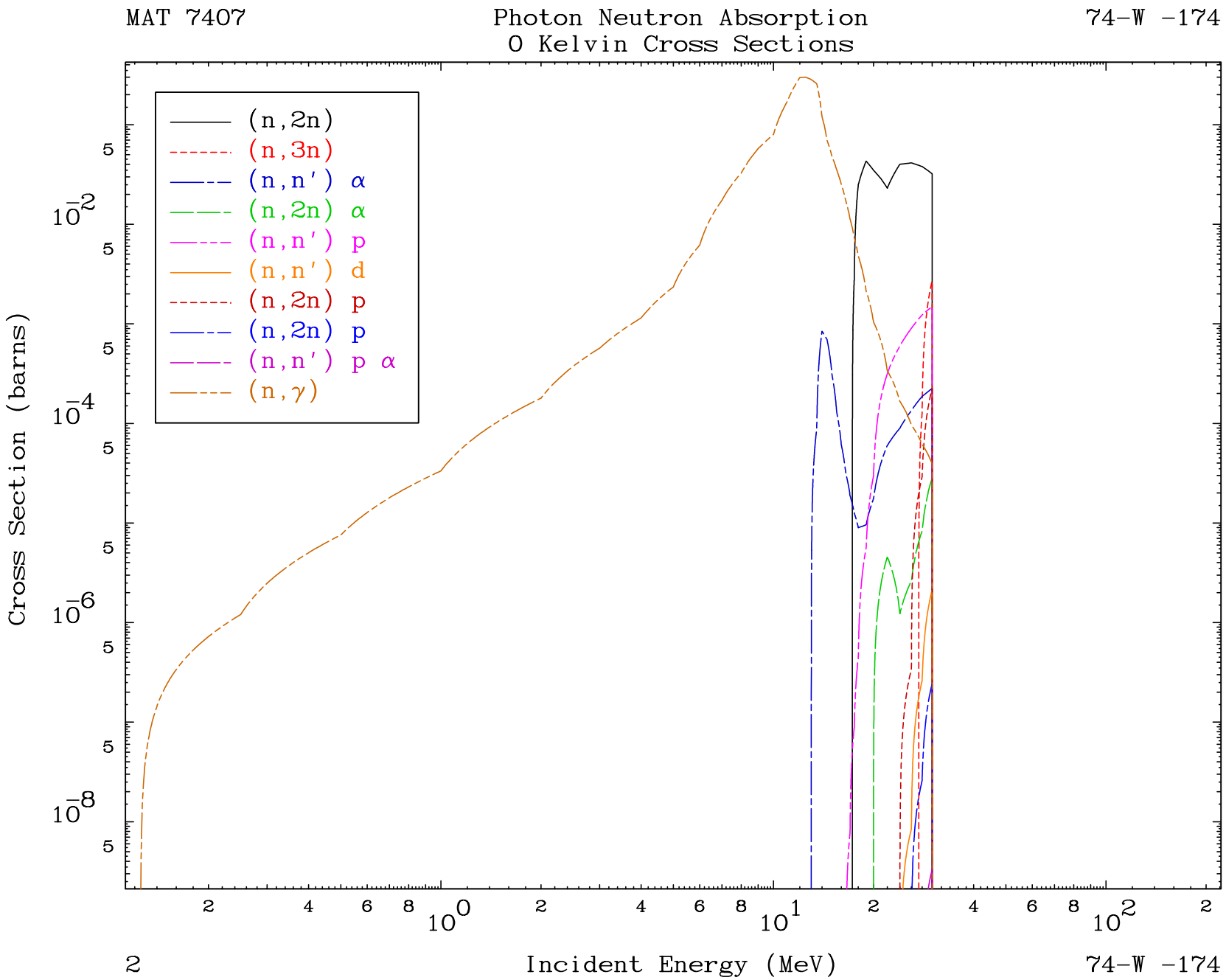
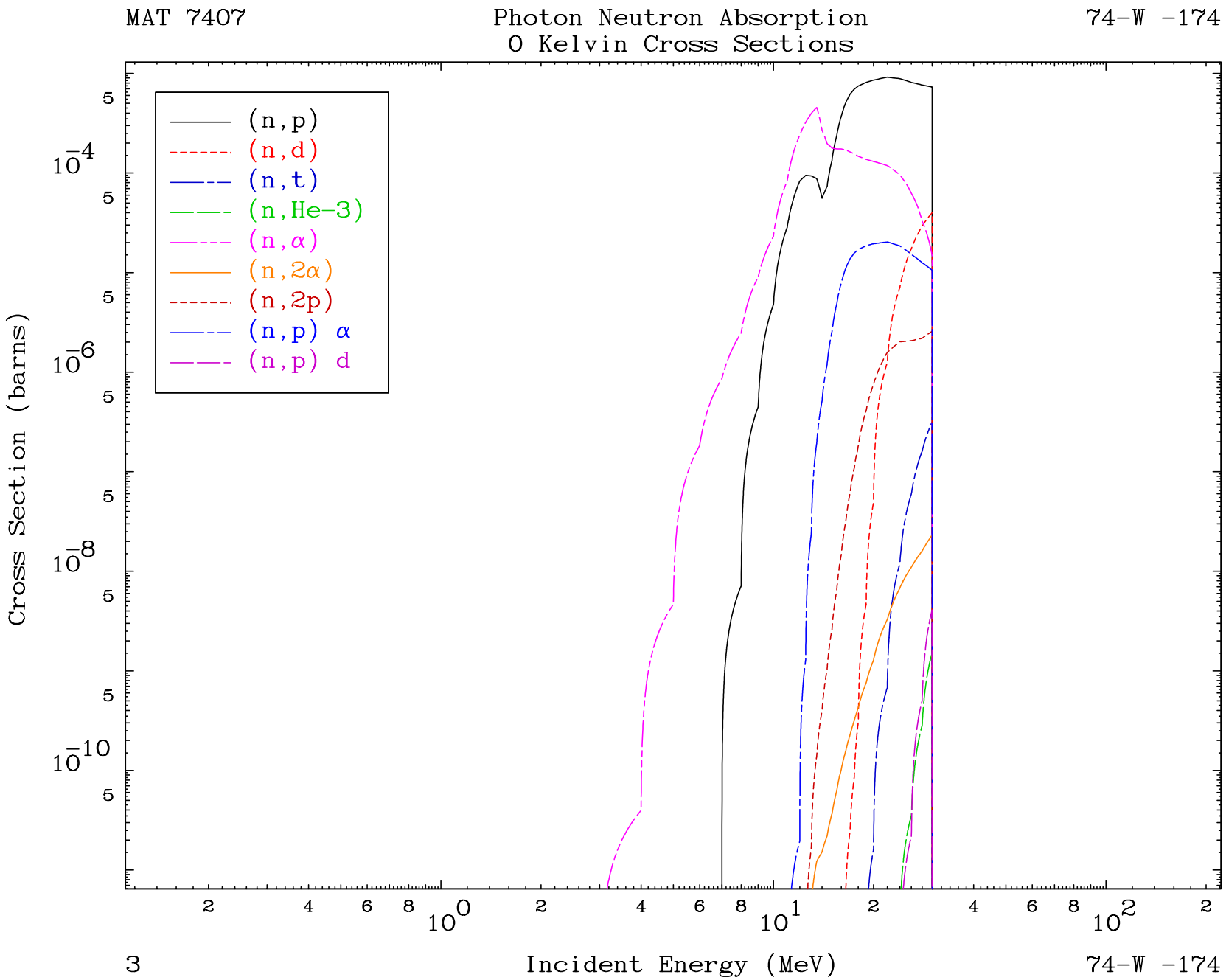
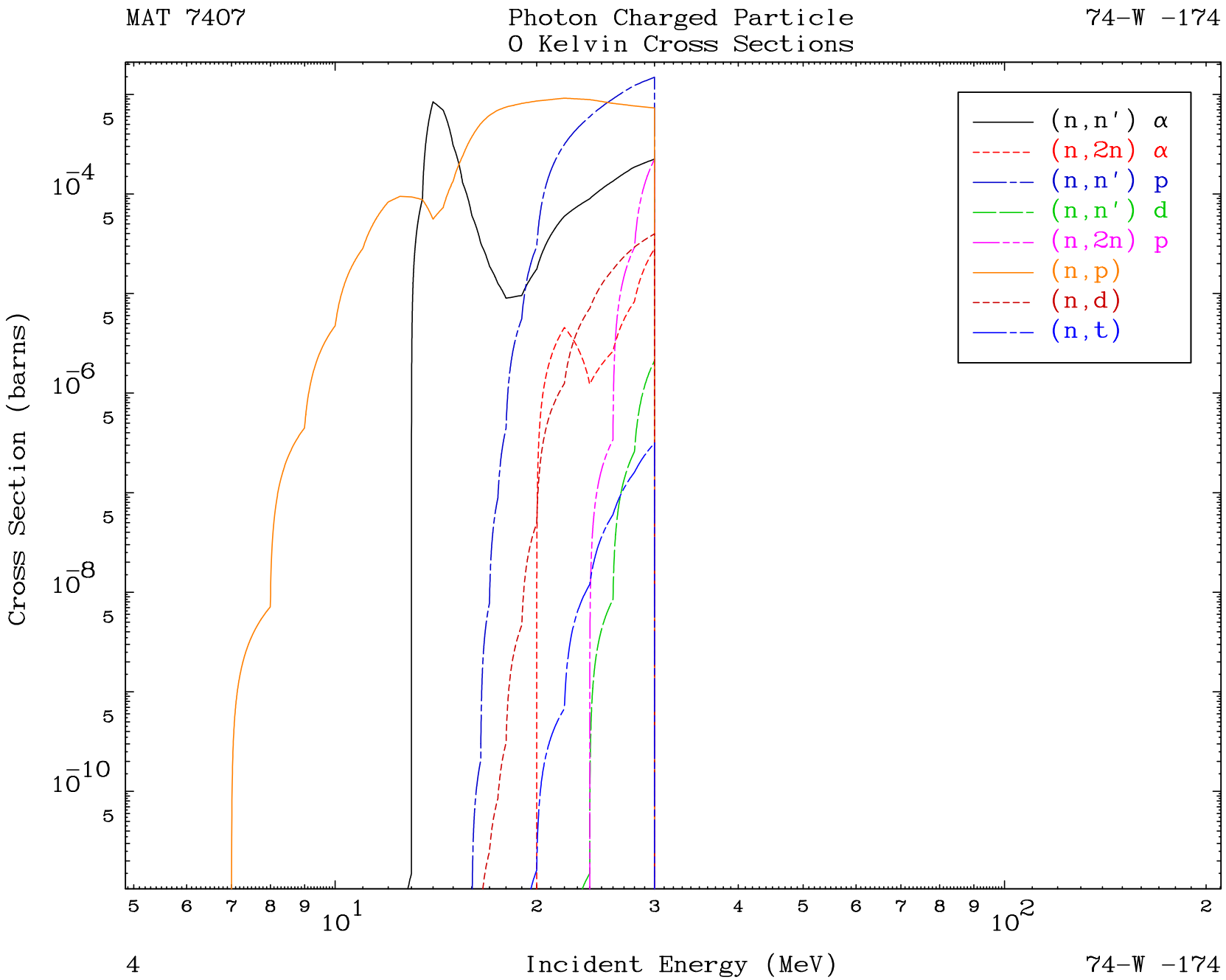
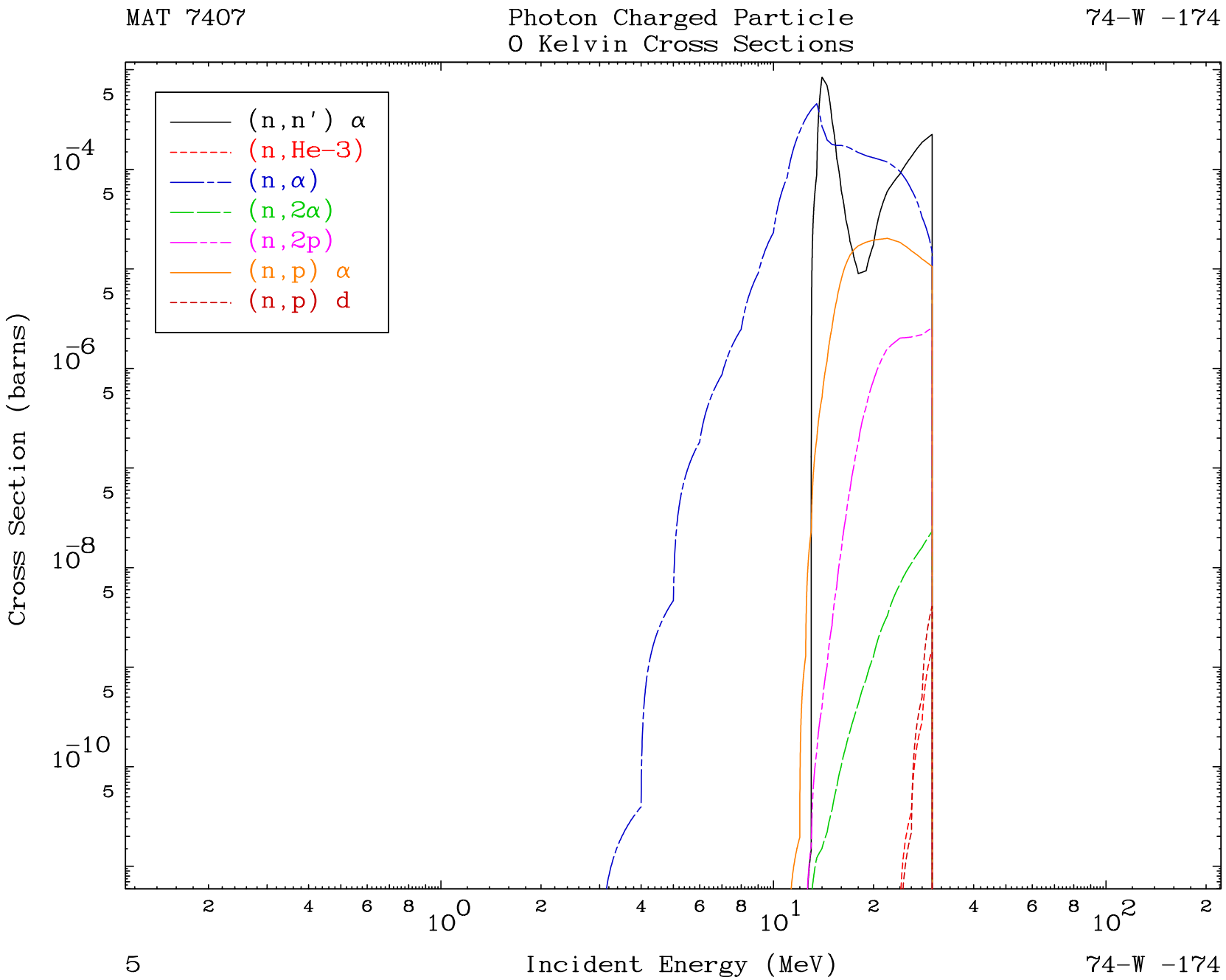
Press Mouse Button to Start

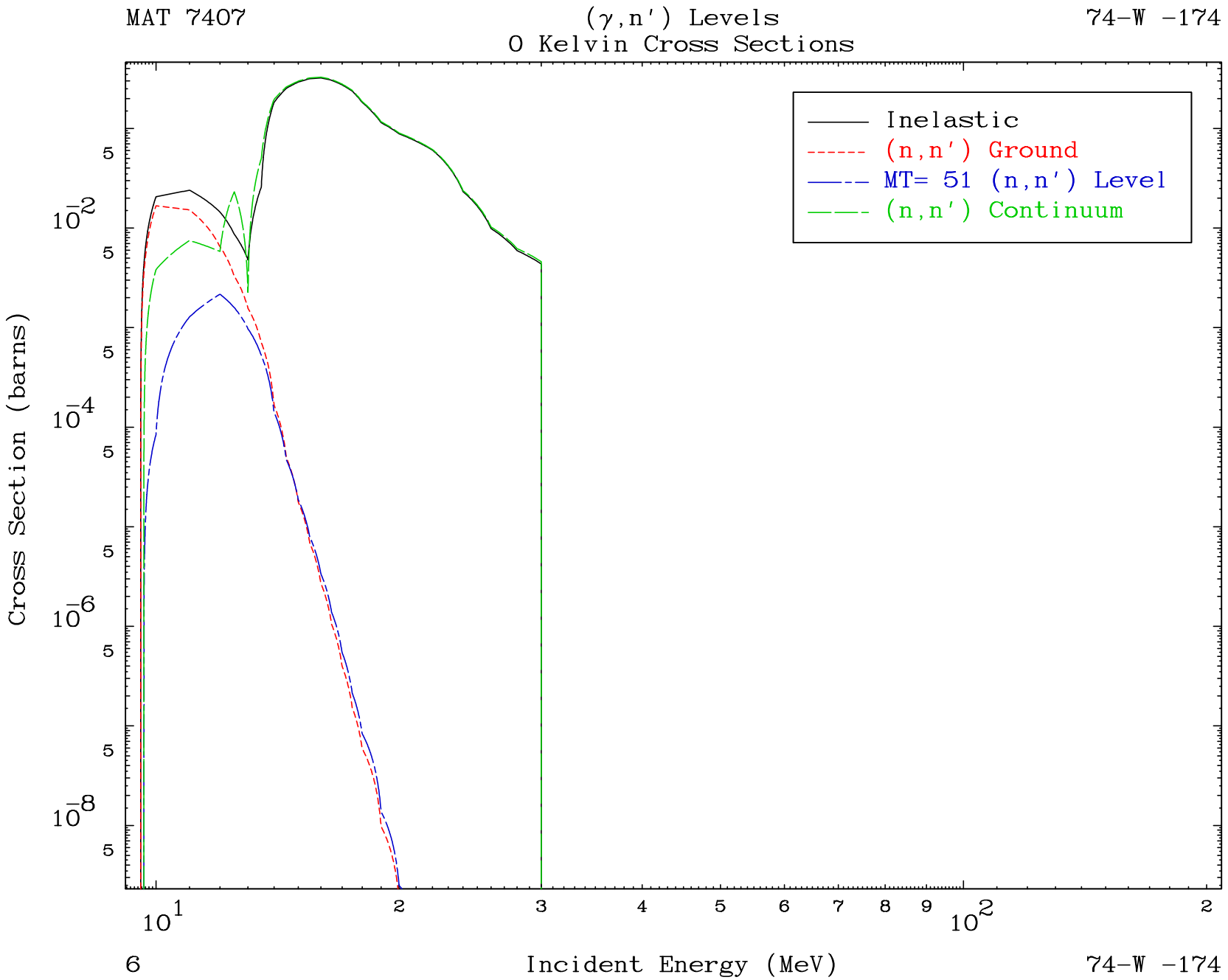

MAT 7407
Photon Major
74-W -174
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
74-W -174
1

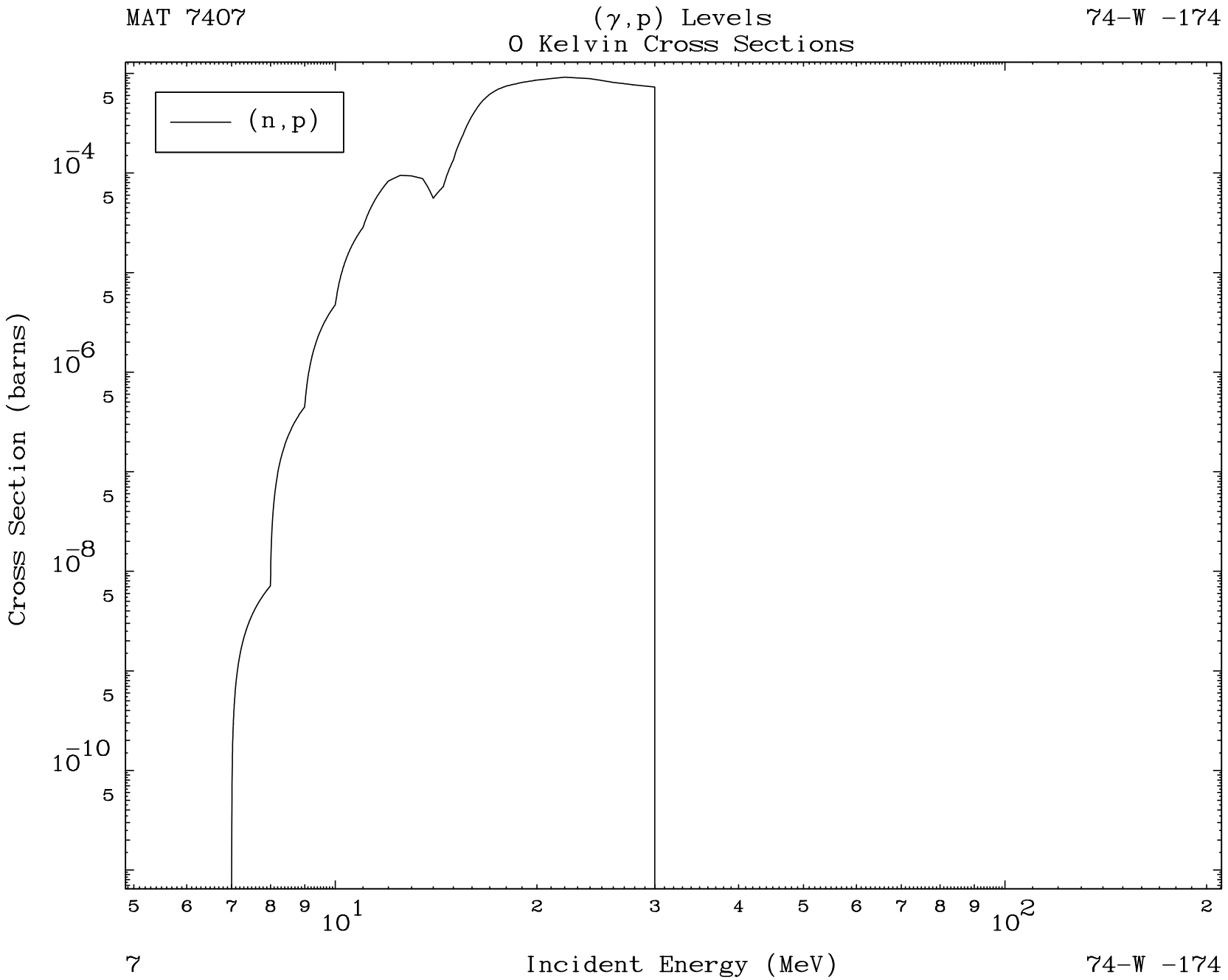

MAT 7407
Photon Neutron Absorption
0 Kelvin Cross Sections
74-W -174
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
74-W -174
2

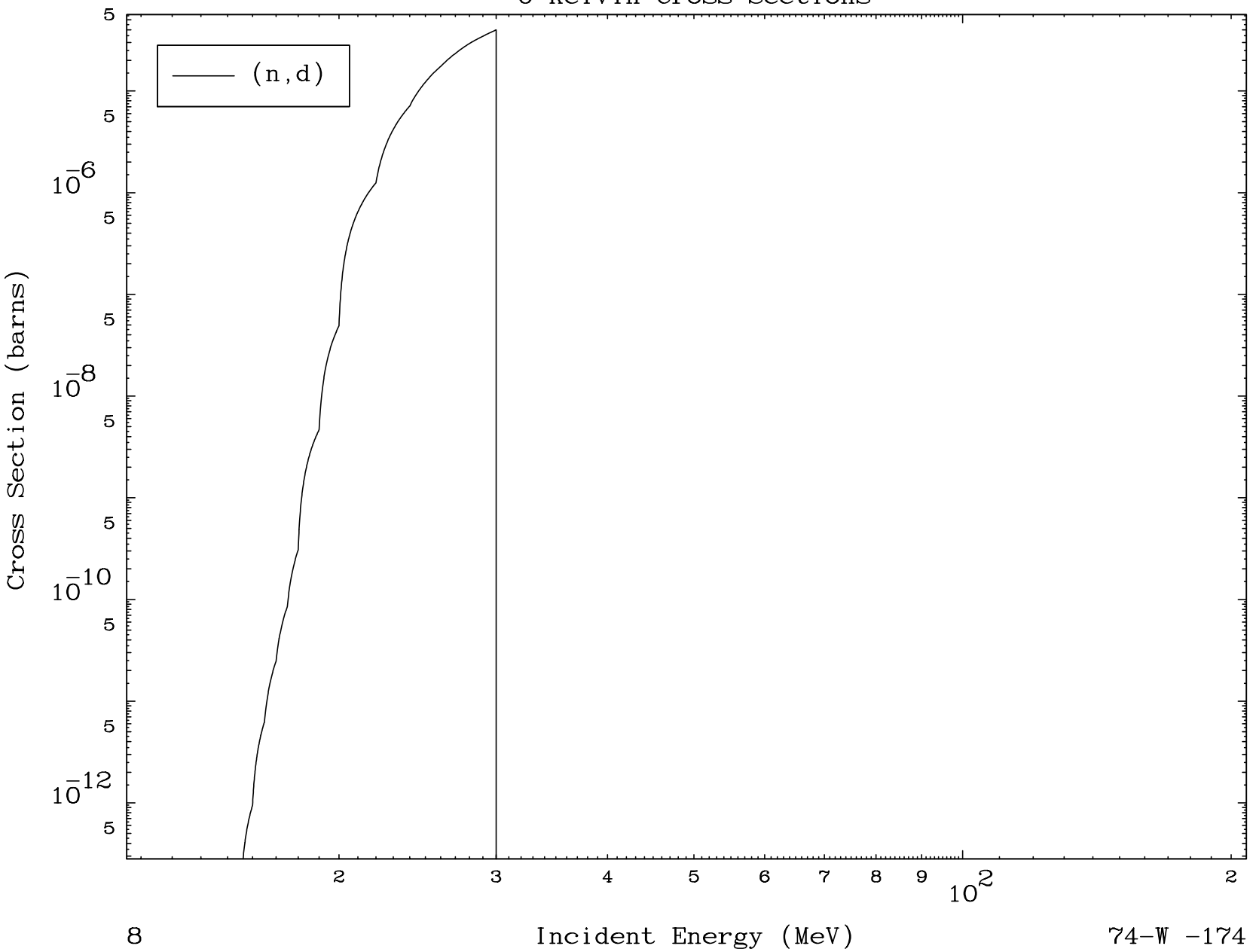

MAT 7407
Photon Neutron Absorption
0 Kelvin Cross Sections
74-W -174
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
74-W -174


MAT 7407
Photon Charged Particle
0 Kelvin Cross Sections
74-W -174
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
4
74-W -174

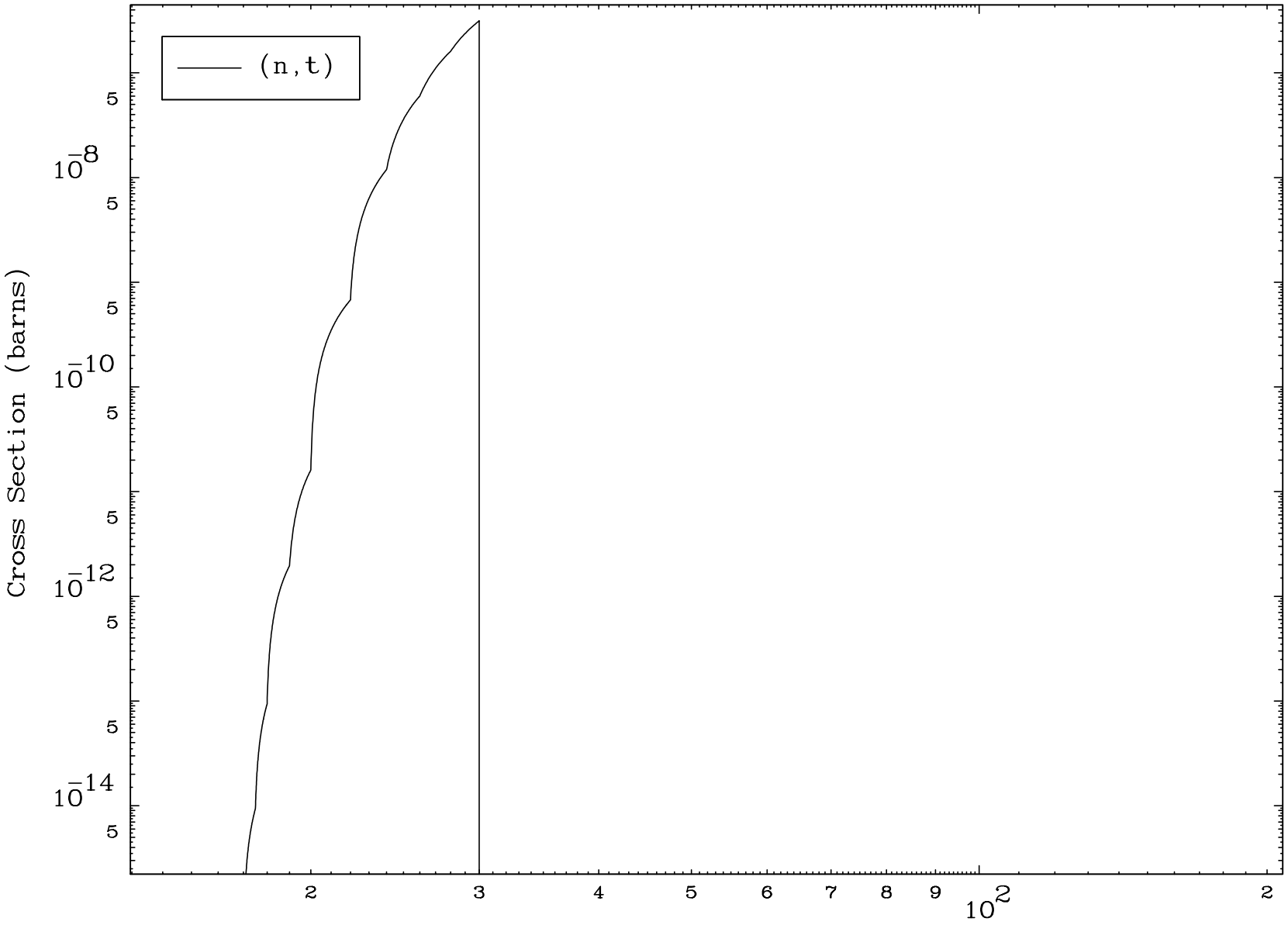

MAT 7407
Photon Charged Particle
0 Kelvin Cross Sections
74-W -174
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
74-W -174
5

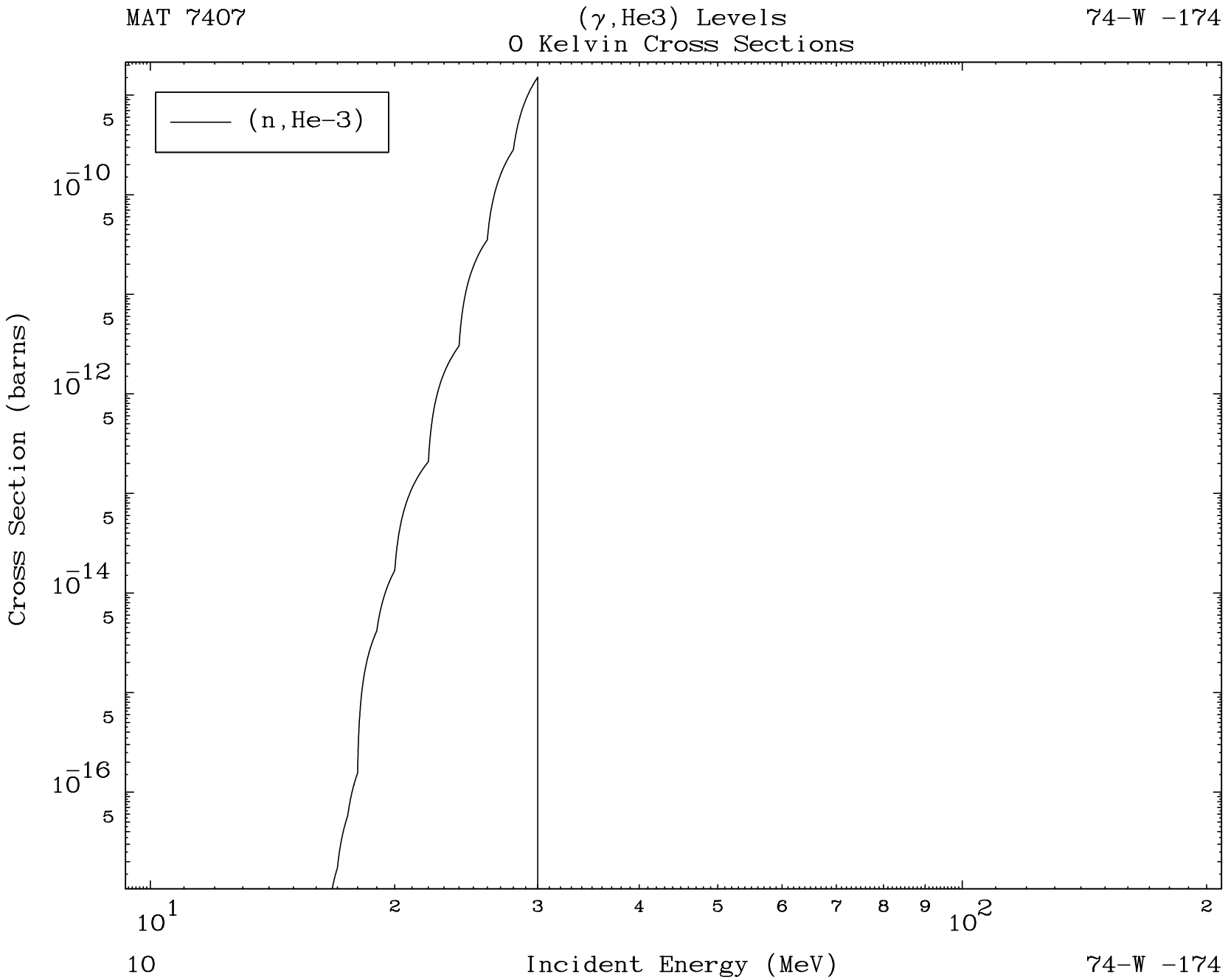

MAT 7407
(γ,n') Levels
0 Kelvin Cross Sections
74-W -174
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
6
74-W -174

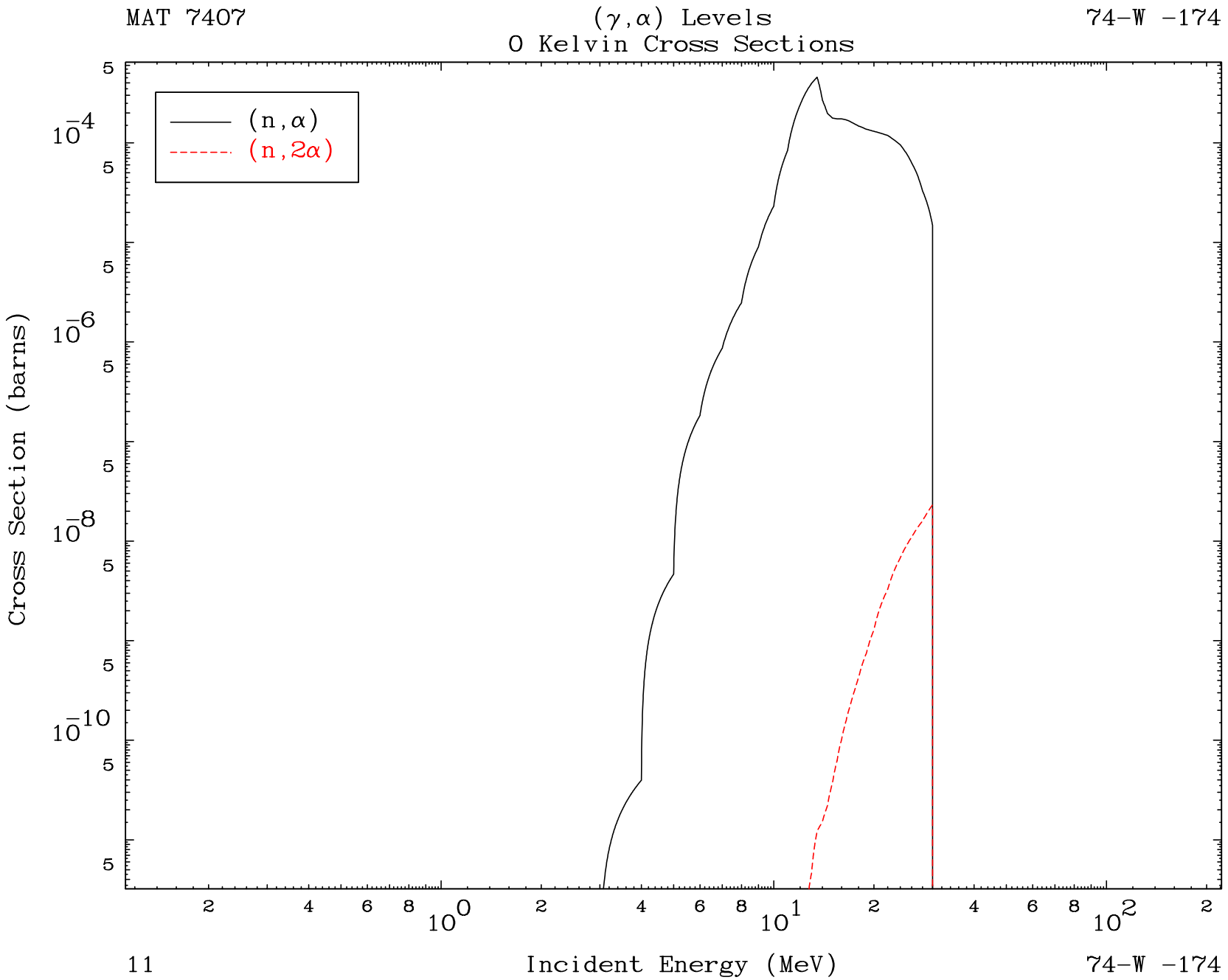

MAT 7407
(γ,p) Levels
74-W -174
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
5
5
5
5
5
5
5
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
7
Incident Energy (MeV)
74-W -174

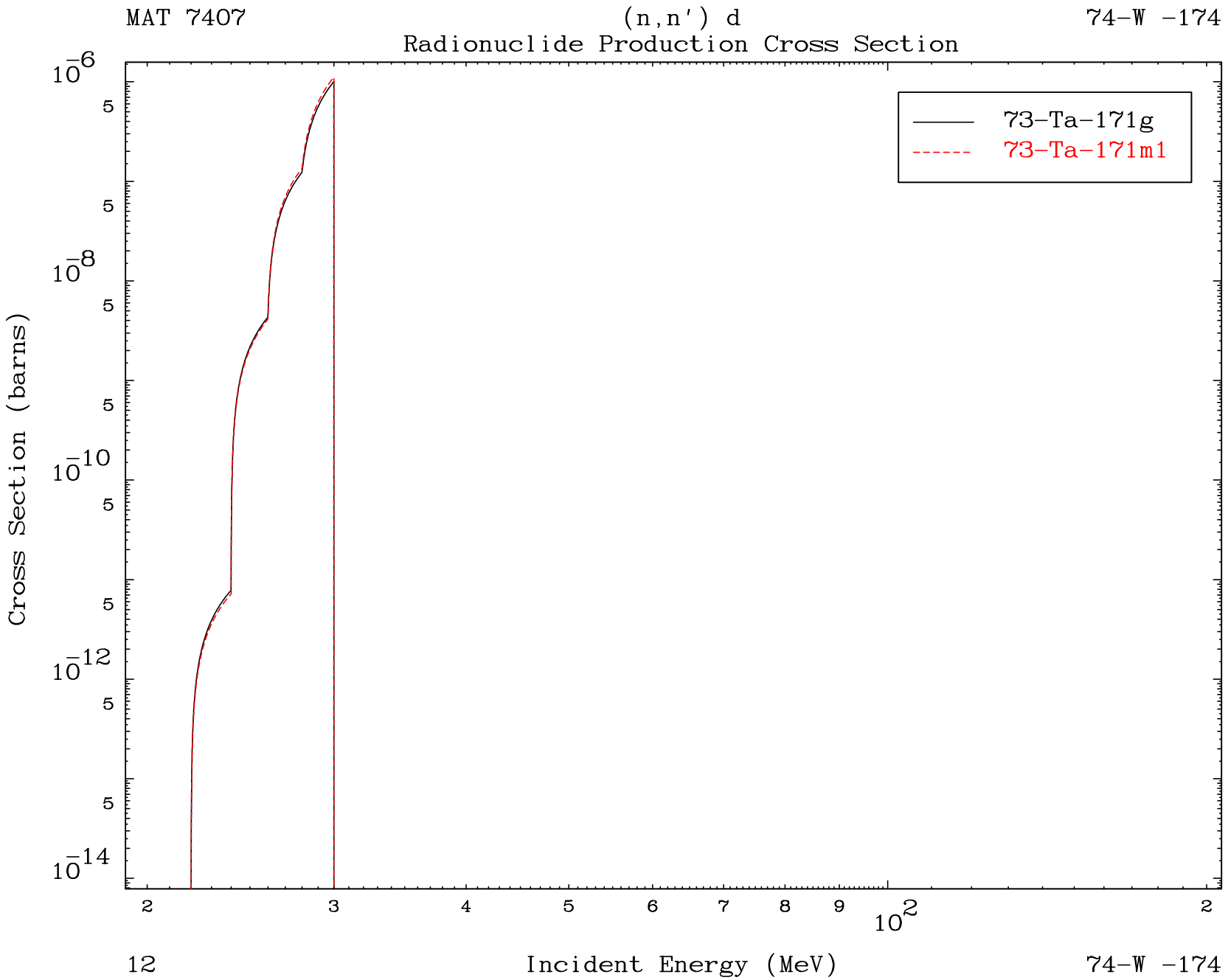

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

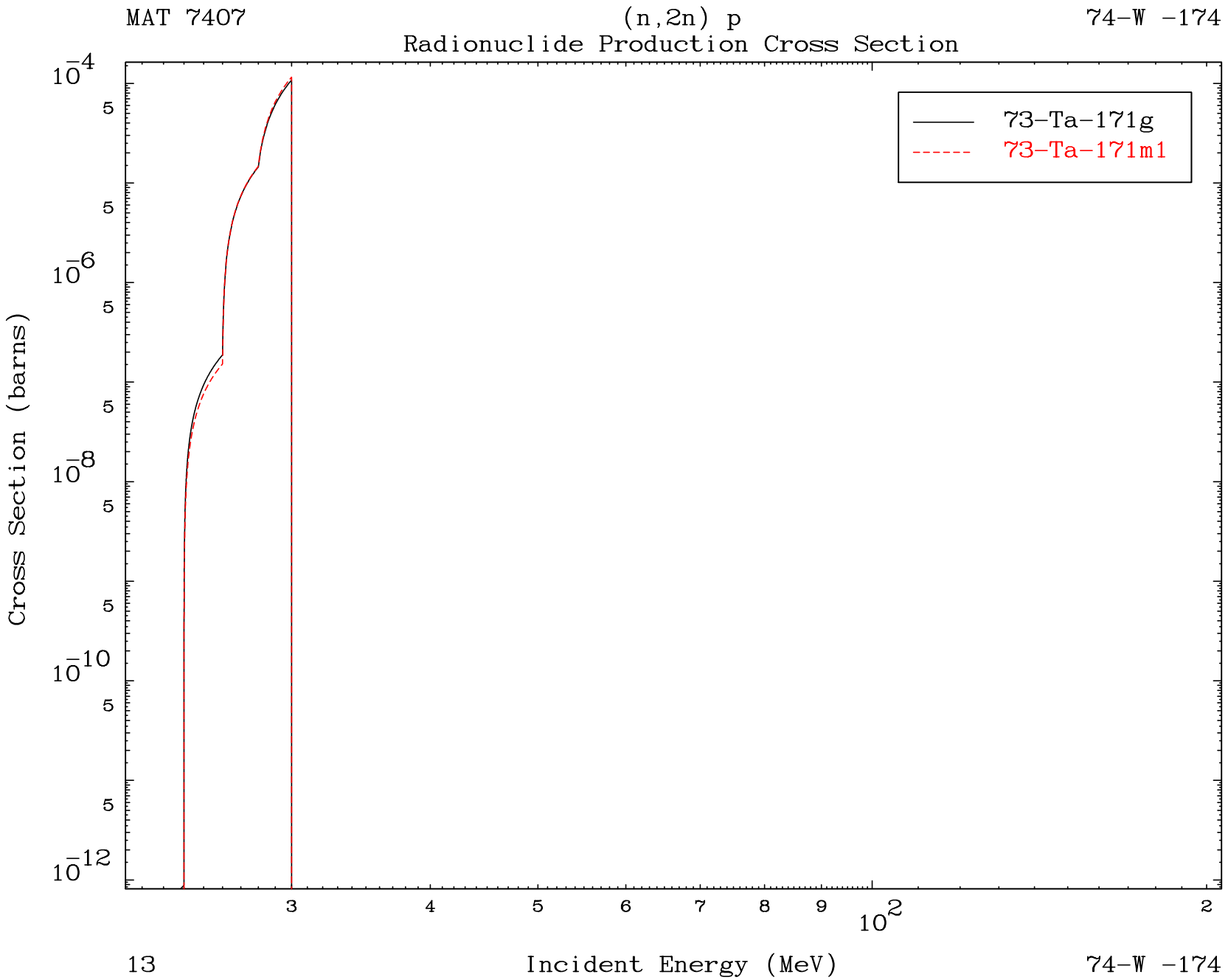
0 Kelvin Cross Sections

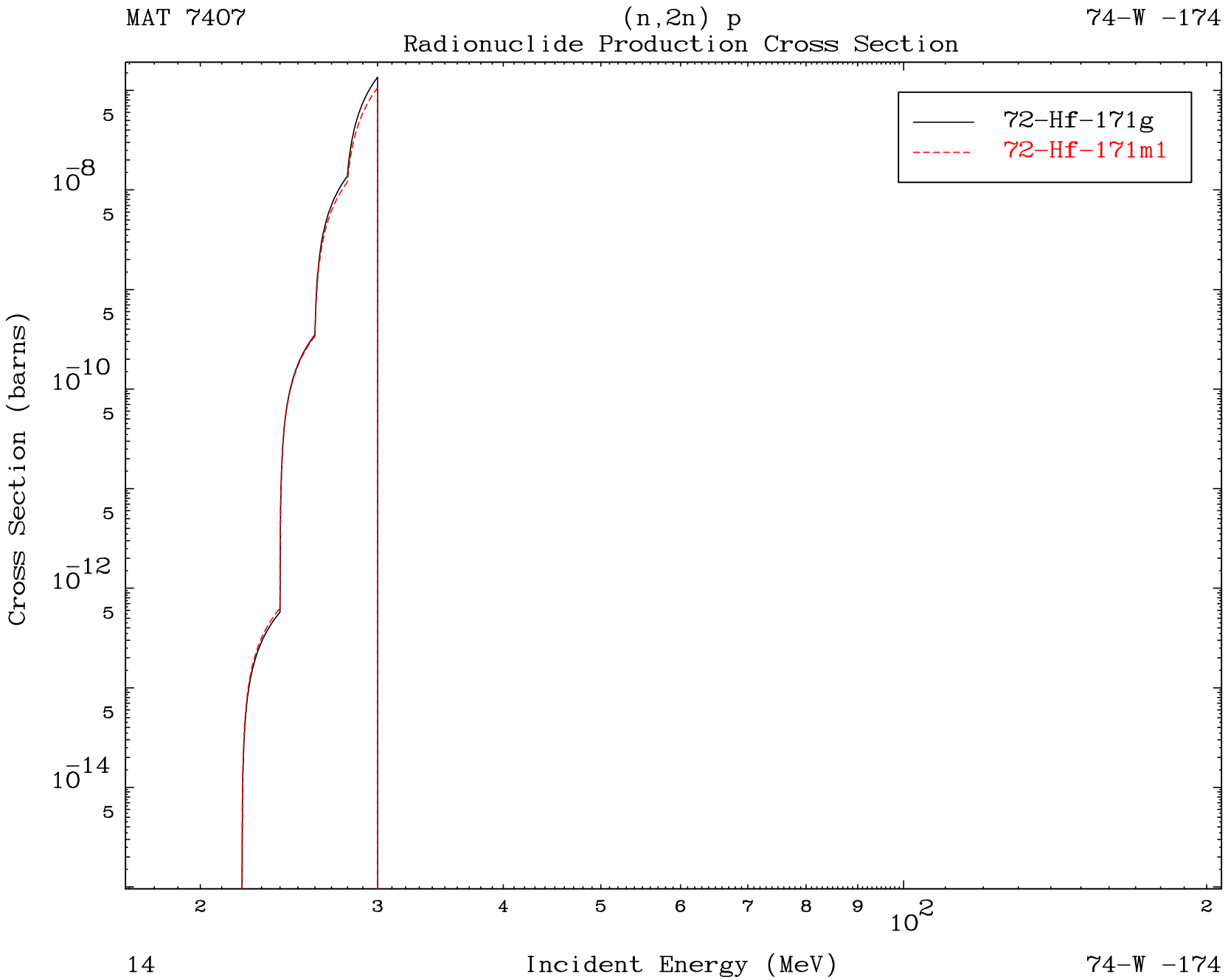


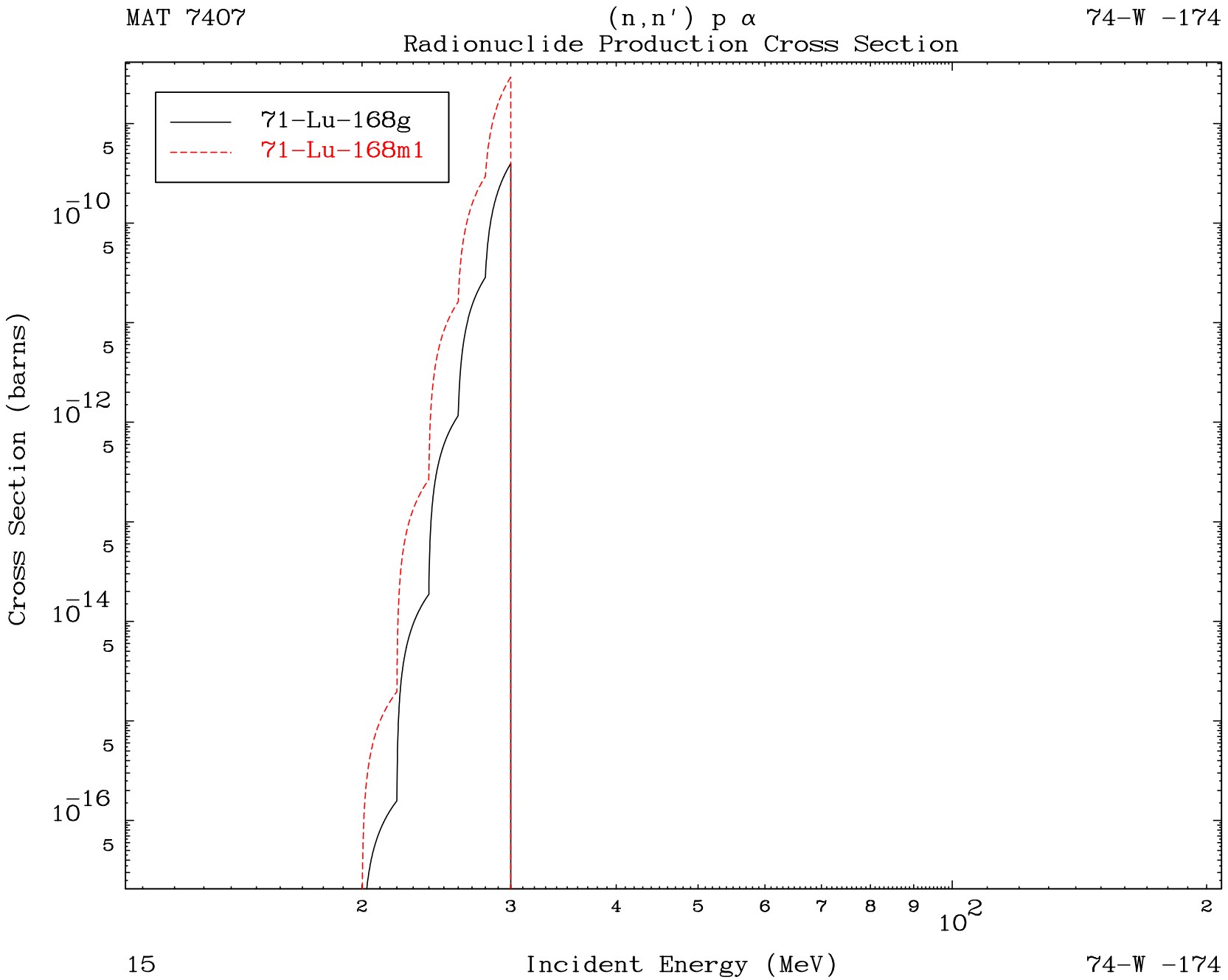

MAT 7407
(γ,He3) Levels
74-W -174
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
10^1
10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
74-W -174

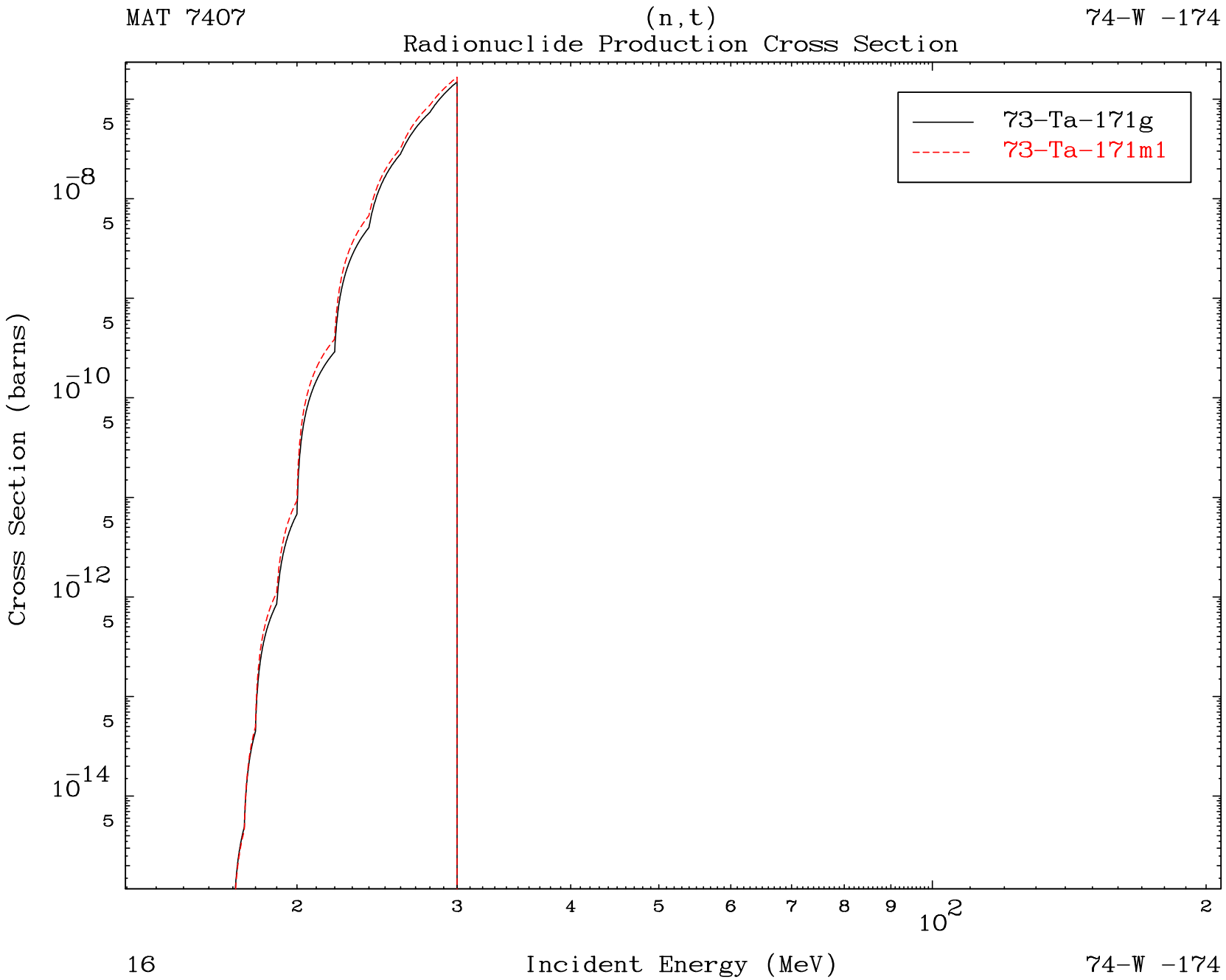

MAT 7407
(γ,α) Levels
74-W -174
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
74-W -174

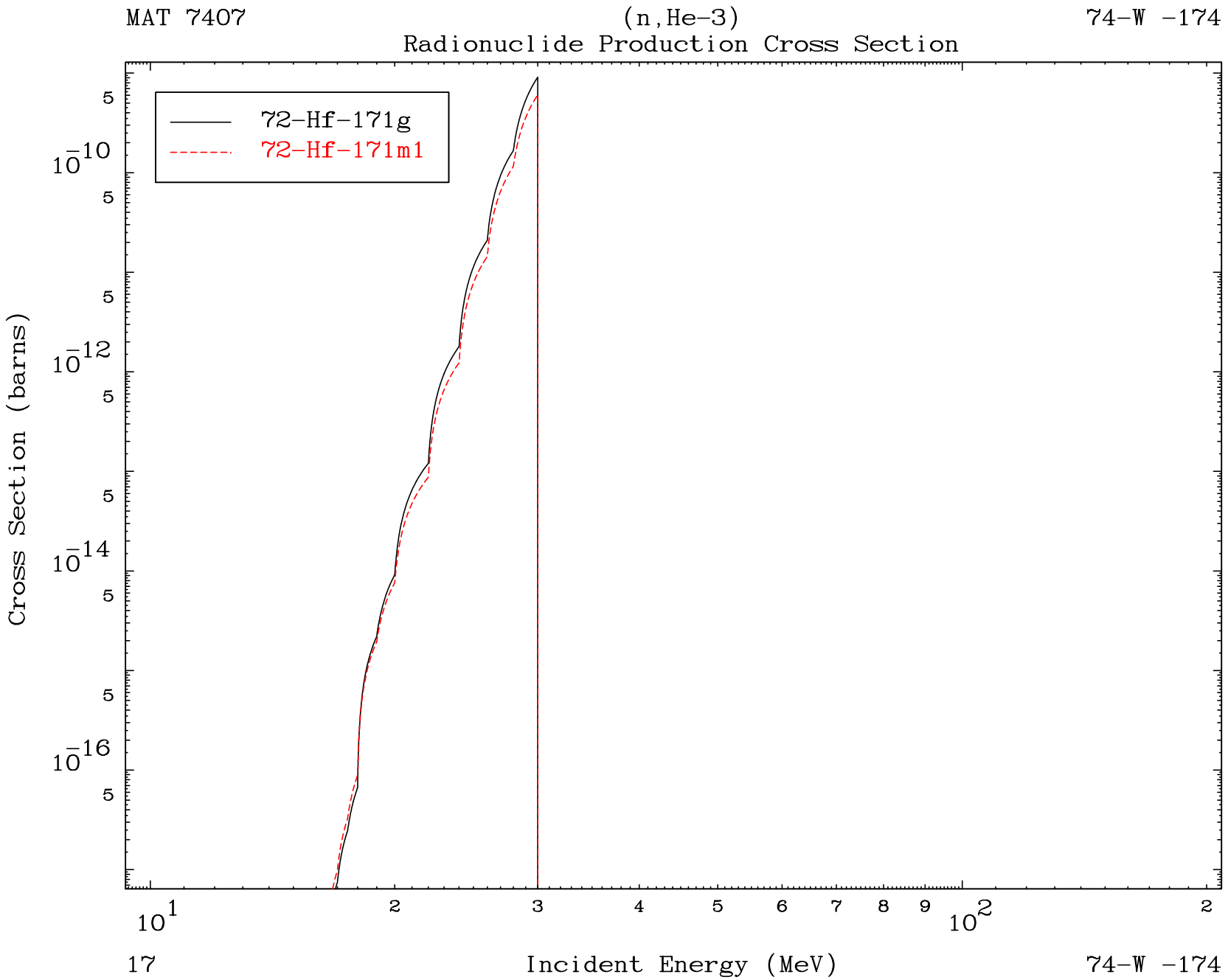

MAT 7407
(n,n') d
74-W -174
Radionuclide Production Cross Section
73-Ta-171g
73-Ta-171m1
Cross Section (barns)
Incident Energy (MeV)
12
74-W -174

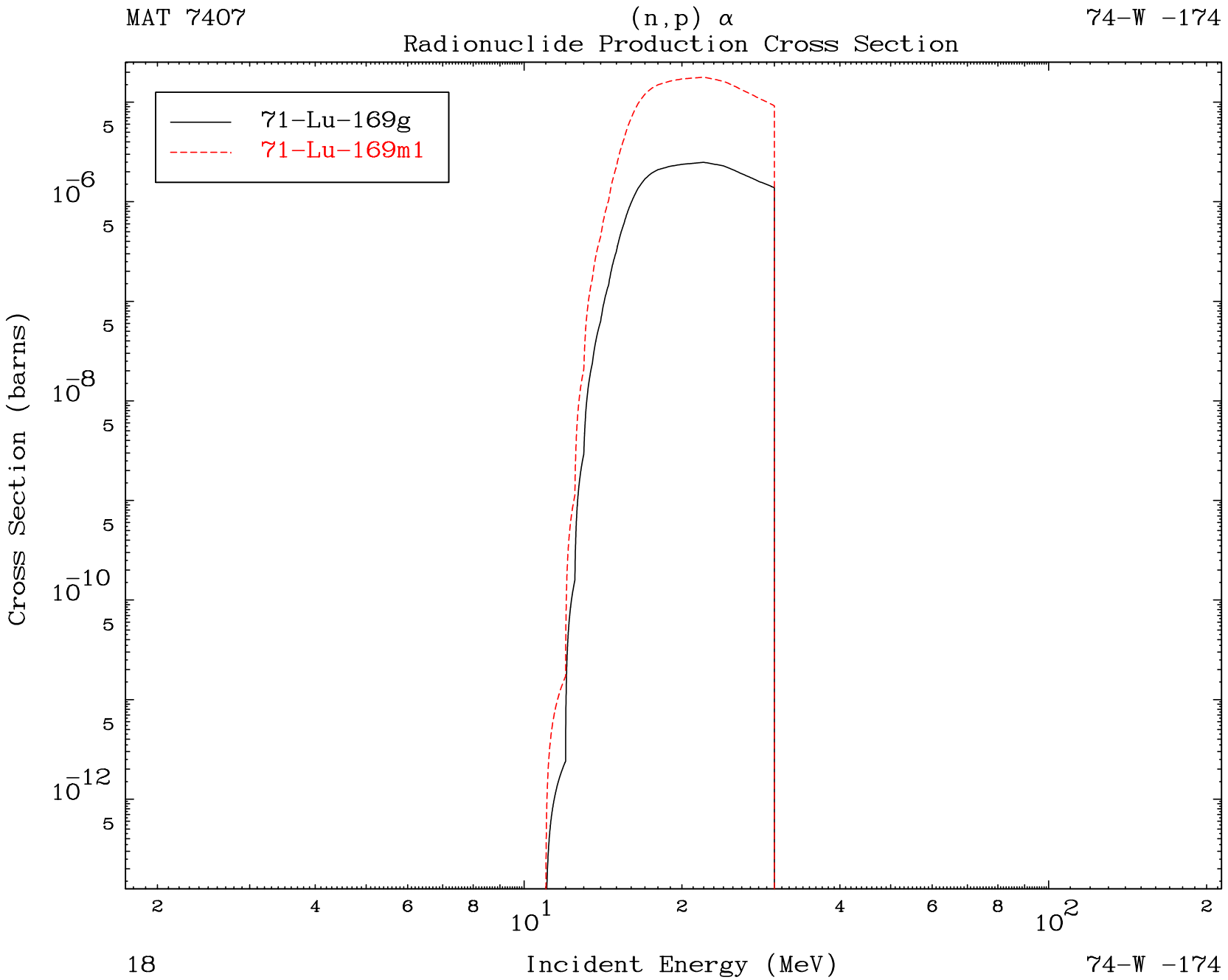

MAT 7407
(n,2n) p
74-W -174
Radionuclide Production Cross Section
73-Ta-171g
73-Ta-171m1
Cross Section (barns)
Incident Energy (MeV)
13
74-W -174

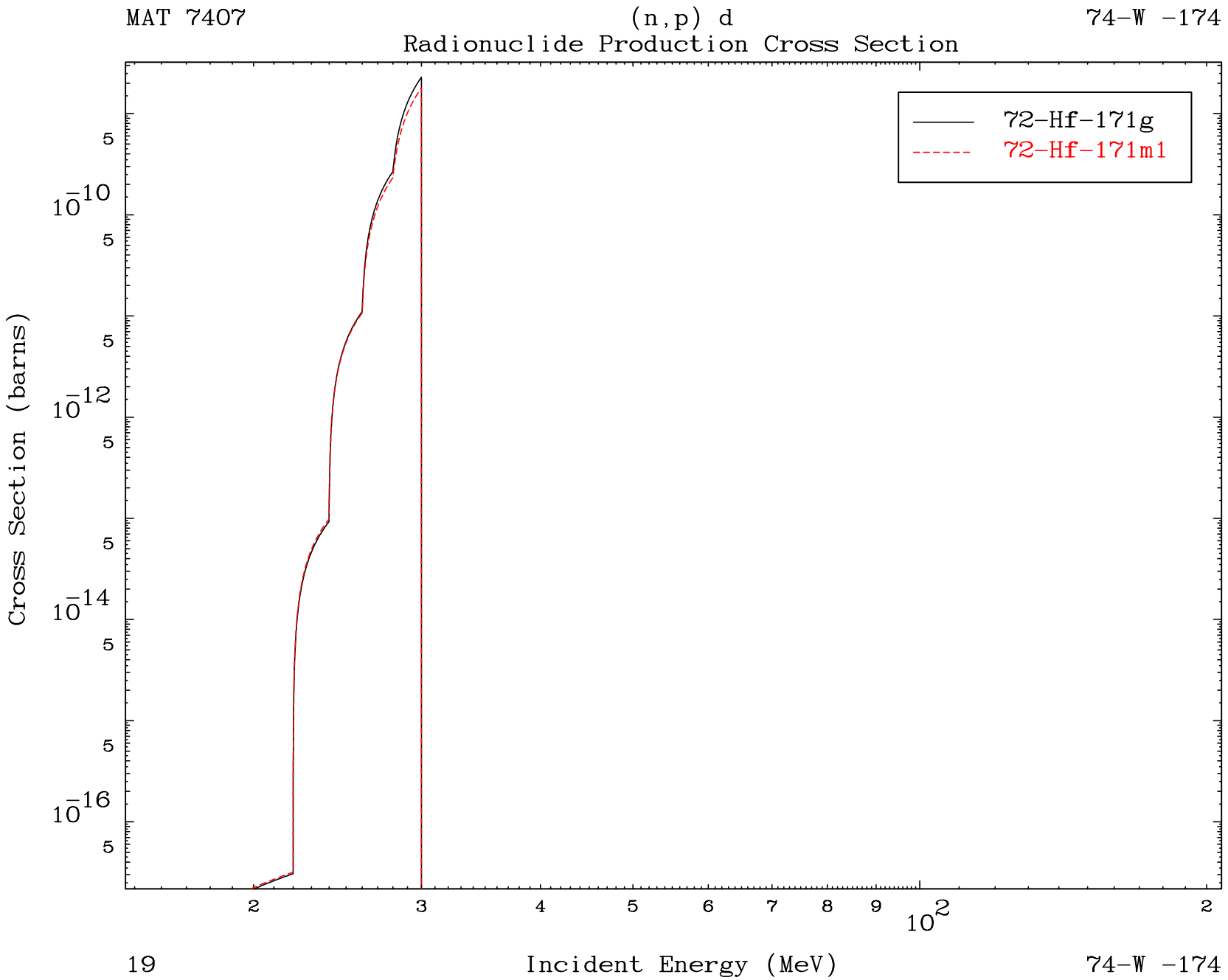

MAT 7407
(n,2n) p
74-W -174
Radionuclide Production Cross Section
72-Hf-171g
72-Hf-171m1
Cross Section (barns)
Incident Energy (MeV)
14
74-W -174


MAT 7407
(n,n') p α
74-W -174
Radionuclide Production Cross Section
71-Lu-168g
71-Lu-168m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
74-W -174


MAT 7407
(n,t)
74-W -174
Radionuclide Production Cross Section
73-Ta-171g
73-Ta-171m1
Cross Section (barns)
Incident Energy (MeV)
16
74-W -174


MAT 7407
(n,He-3)
74-W -174
Radionuclide Production Cross Section
72-Hf-171g
72-Hf-171m1
Cross Section (barns)
Incident Energy (MeV)
74-W -174
17


MAT 7407
(n,p) α
74-W -174
Radionuclide Production Cross Section
71-Lu-169g
71-Lu-169m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
101
102
18
Incident Energy (MeV)
74-W -174


MAT 7407
(n,p) d
74-W -174
Radionuclide Production Cross Section
72-Hf-171g
72-Hf-171m1
Cross Section (barns)
Incident Energy (MeV)
19
74-W -174