Program EVALPLOT
(Version 2018-1)
by
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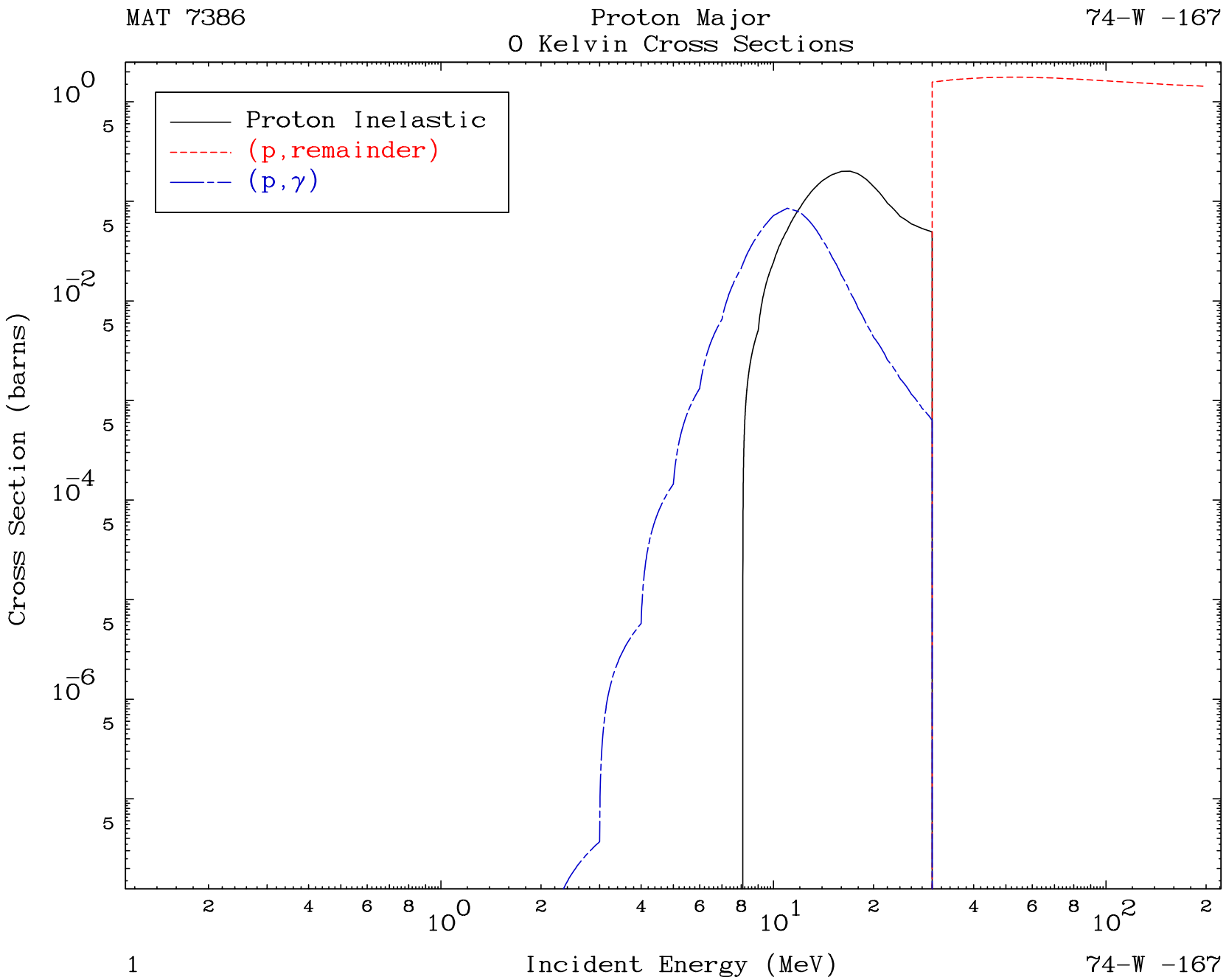
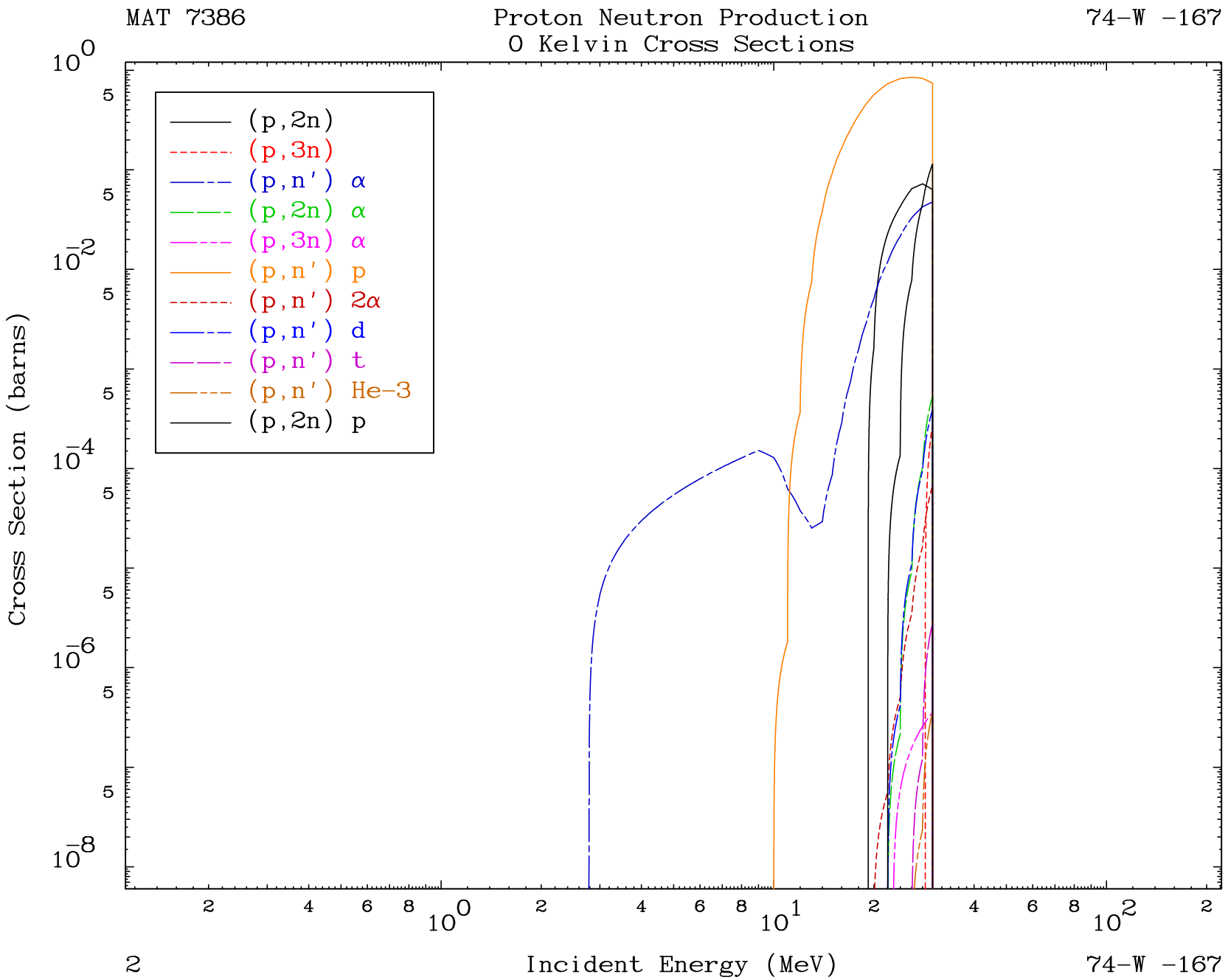
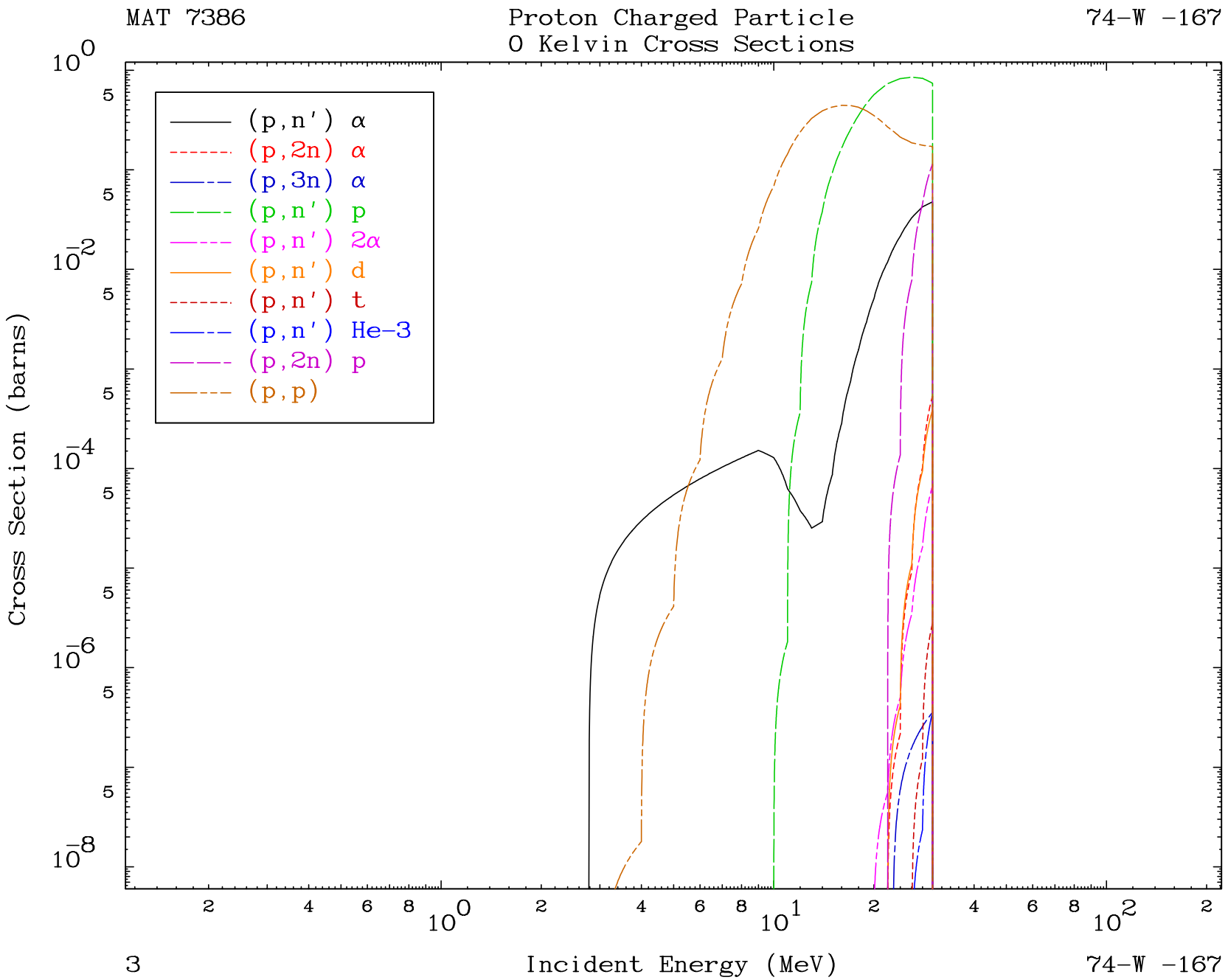
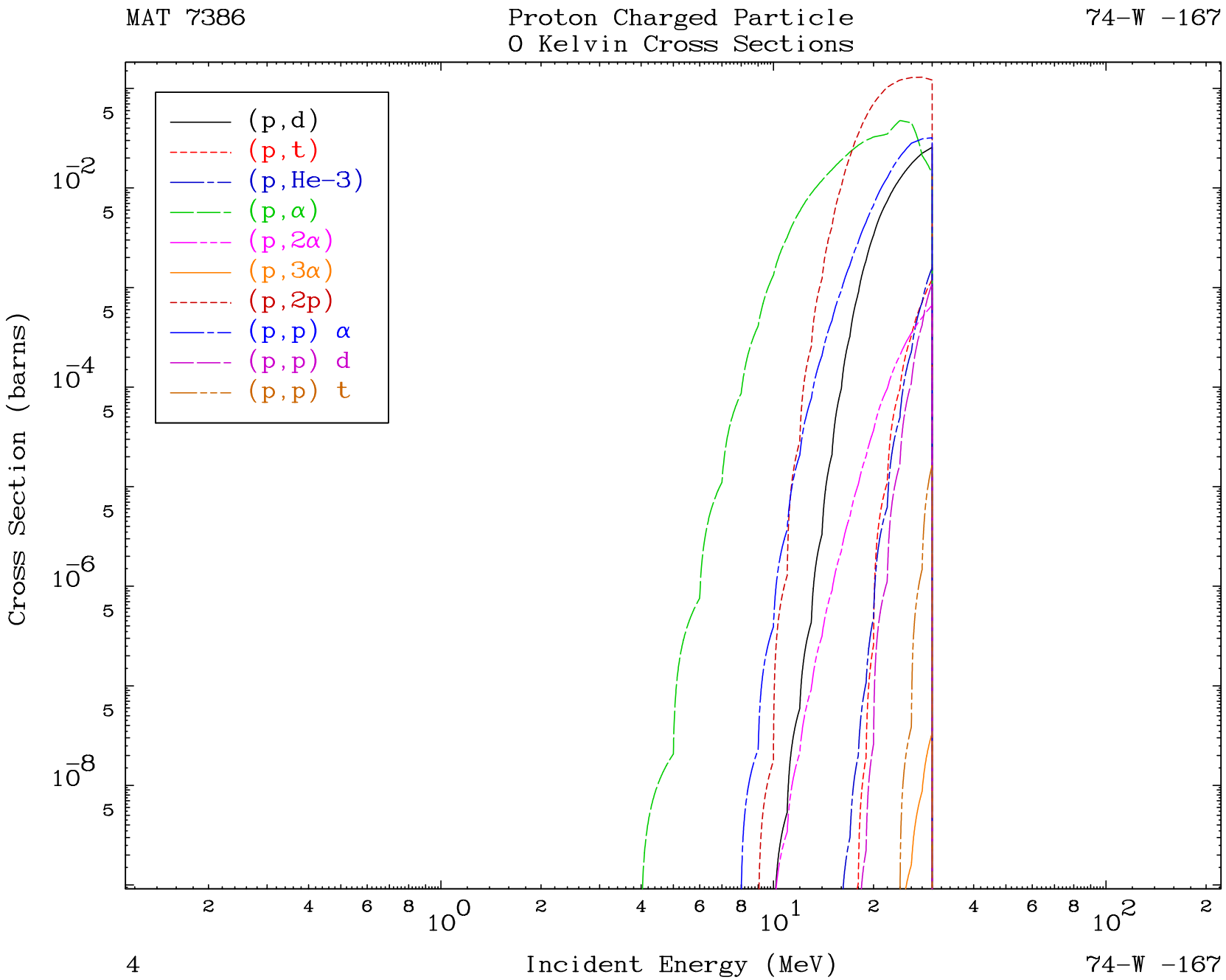
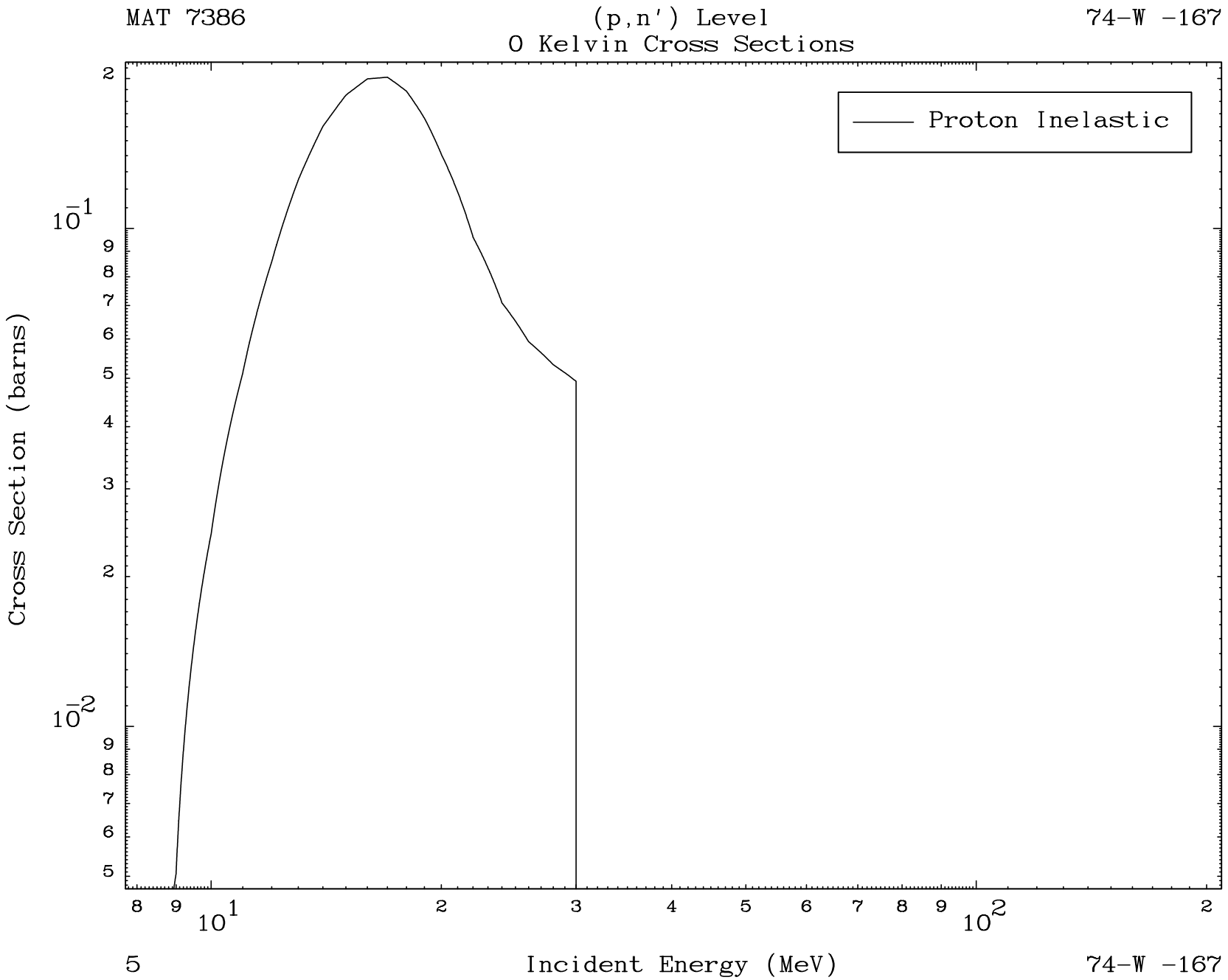
Press Mouse Button to Start

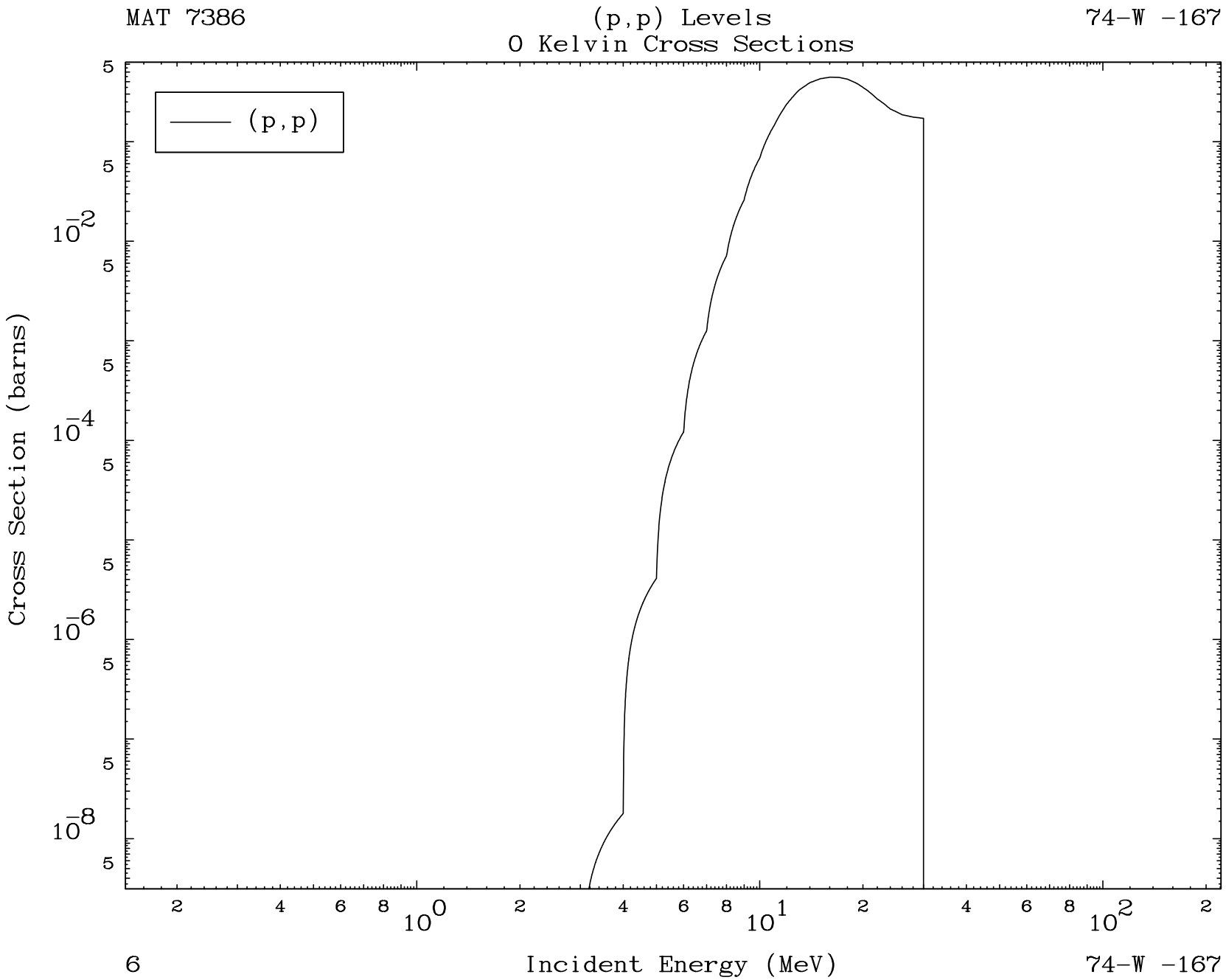

MAT 7386
Proton Major
74-W -167
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
74-W -167
1

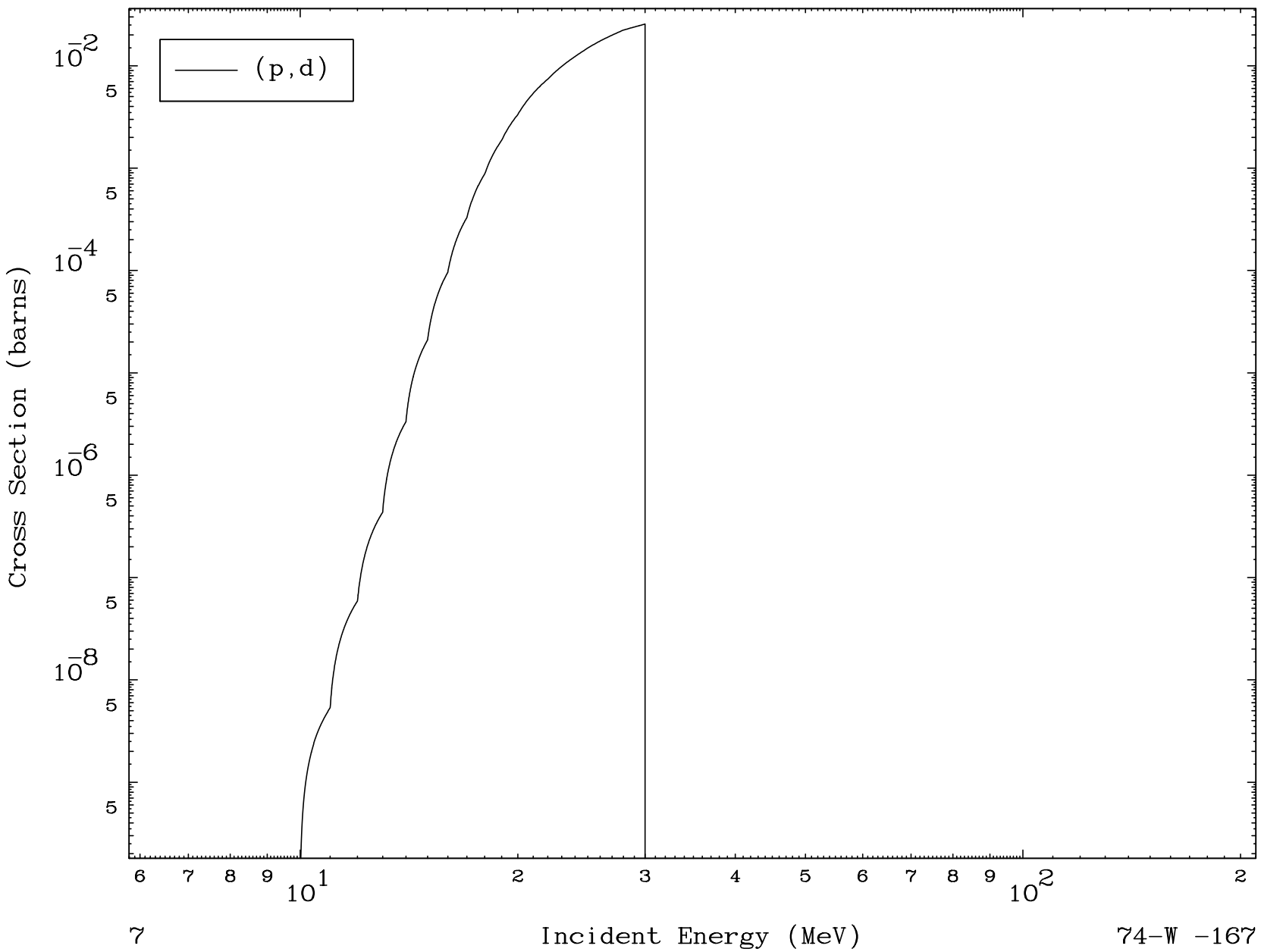

MAT 7386
Proton Neutron Production
0 Kelvin Cross Sections
74-W -167
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
74-W -167

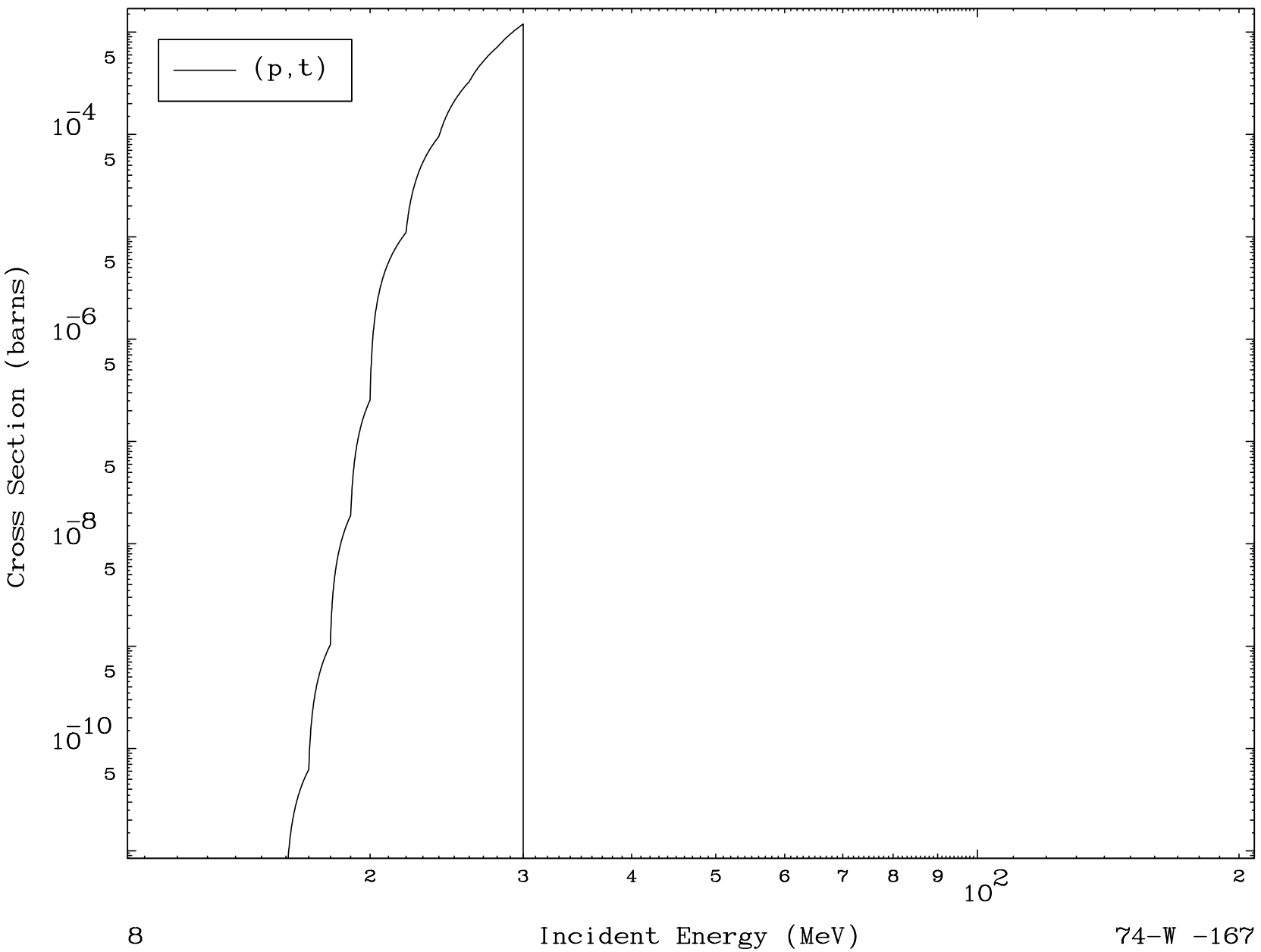

MAT 7386
Proton Charged Particle
0 Kelvin Cross Sections
74-W -167
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
3
74-W -167

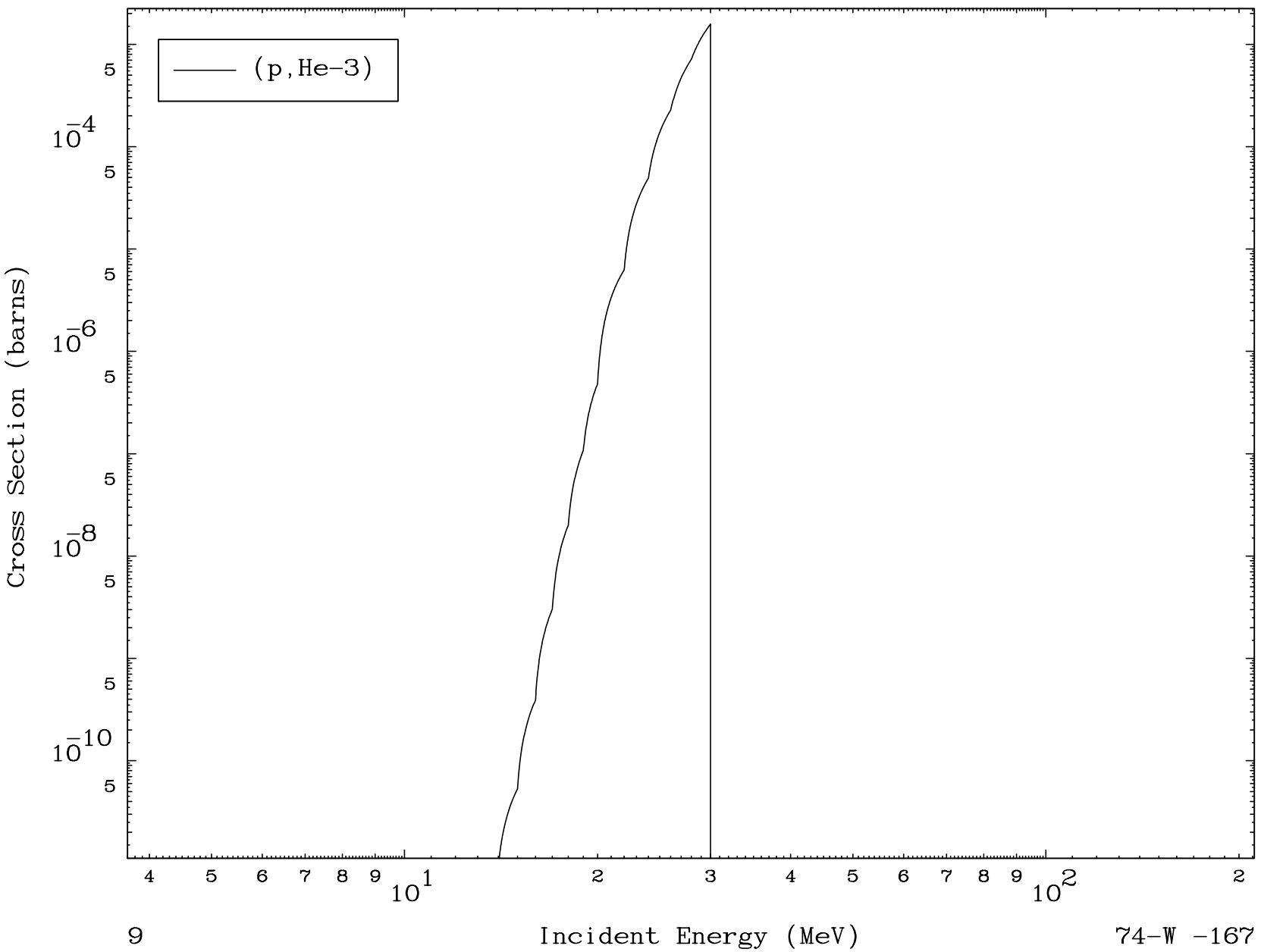

MAT 7386
Proton Charged Particle
0 Kelvin Cross Sections
74-W -167
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
74-W -167

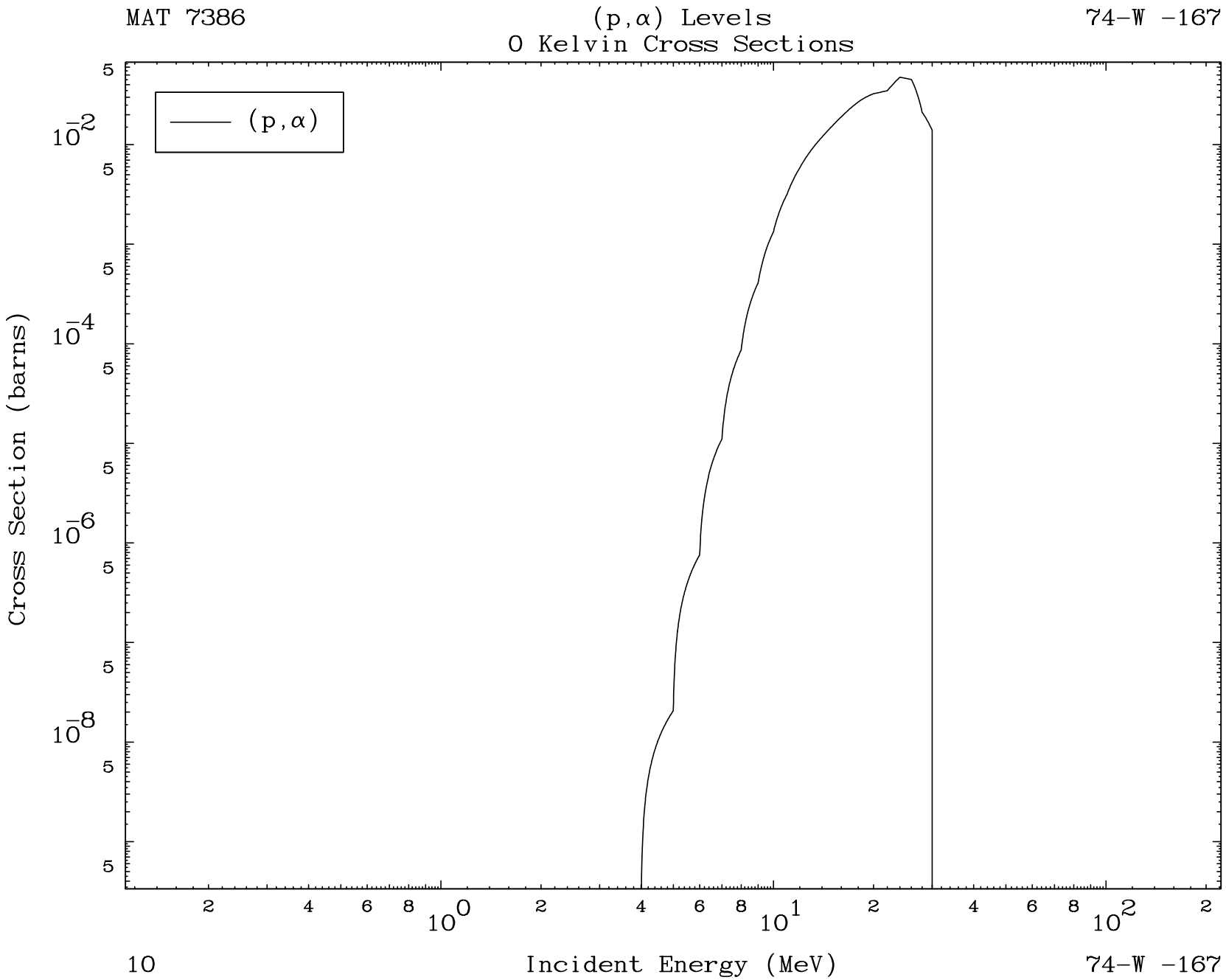

MAT 7386
(p,n') Level
74-W -167
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
74-W -167

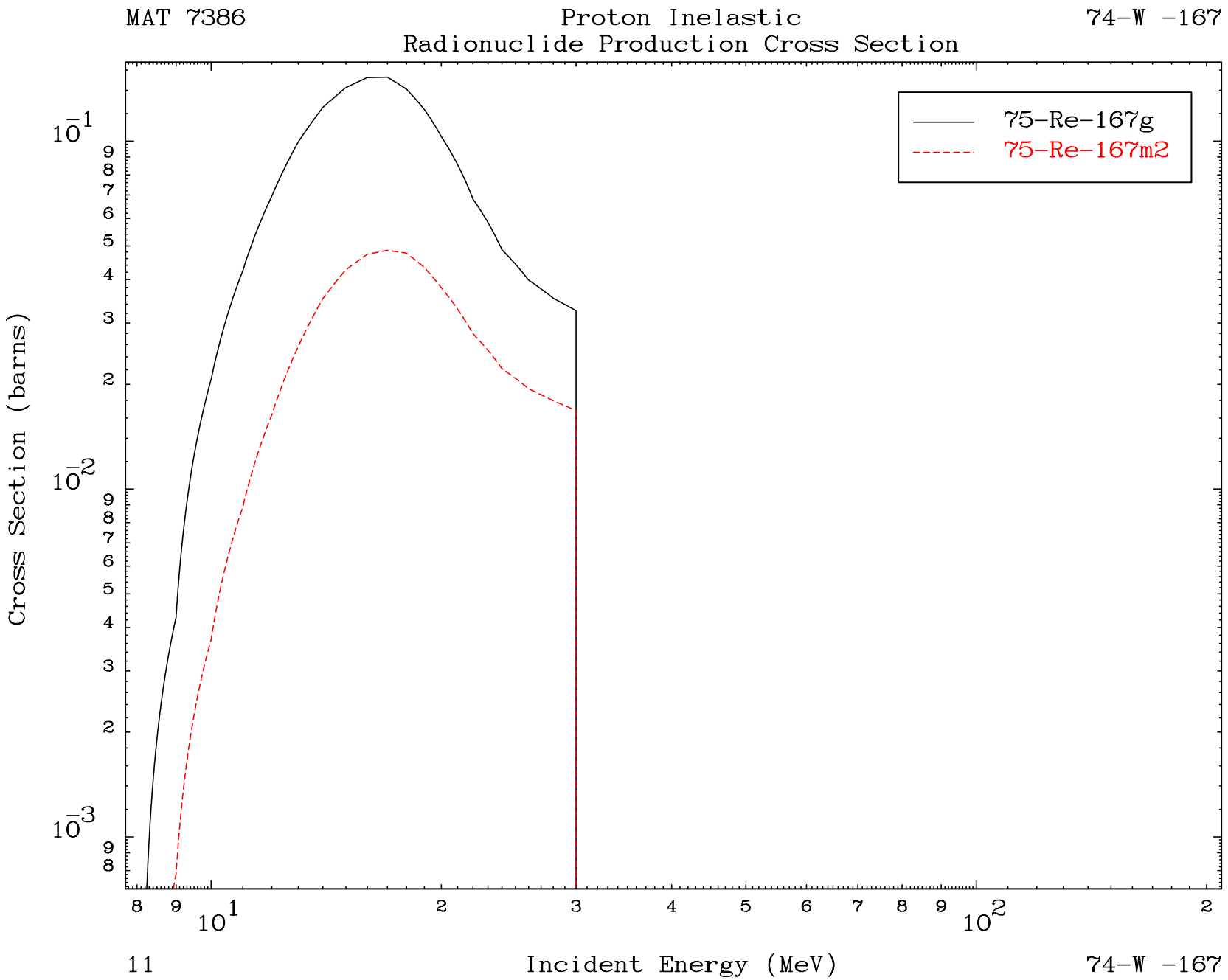

MAT 7386
(p,p) Levels
74-W -167
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
74-W -167

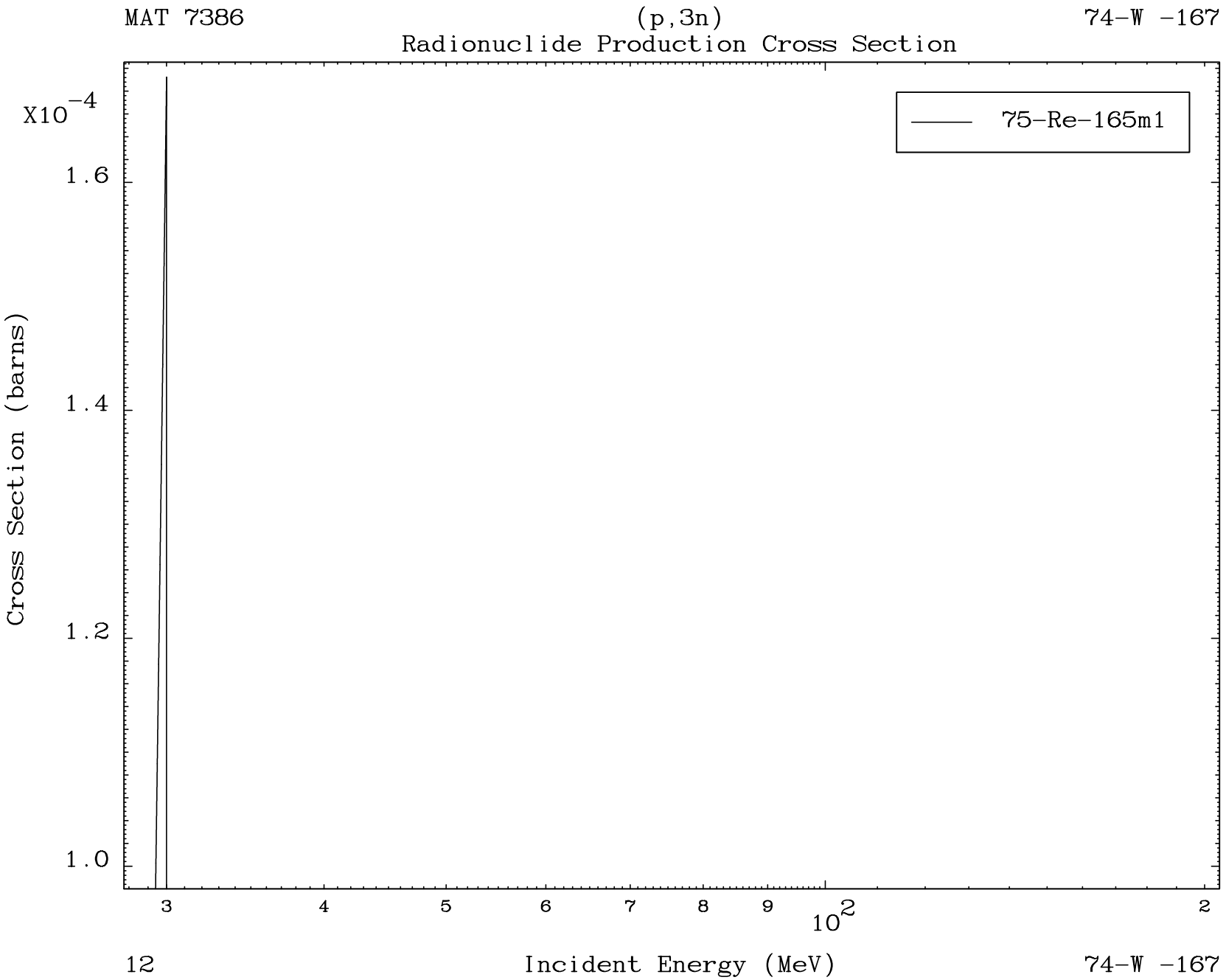

0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)

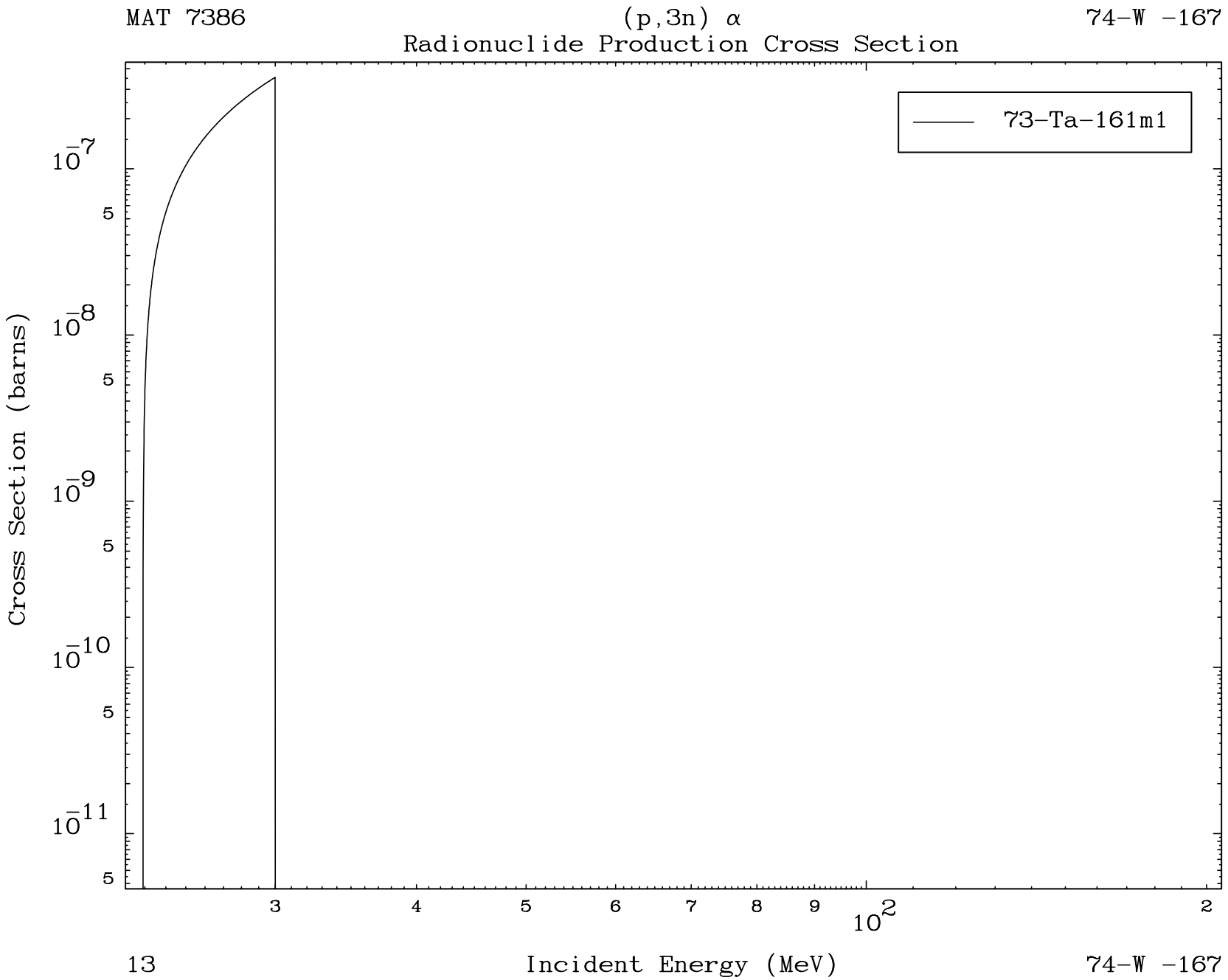

0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

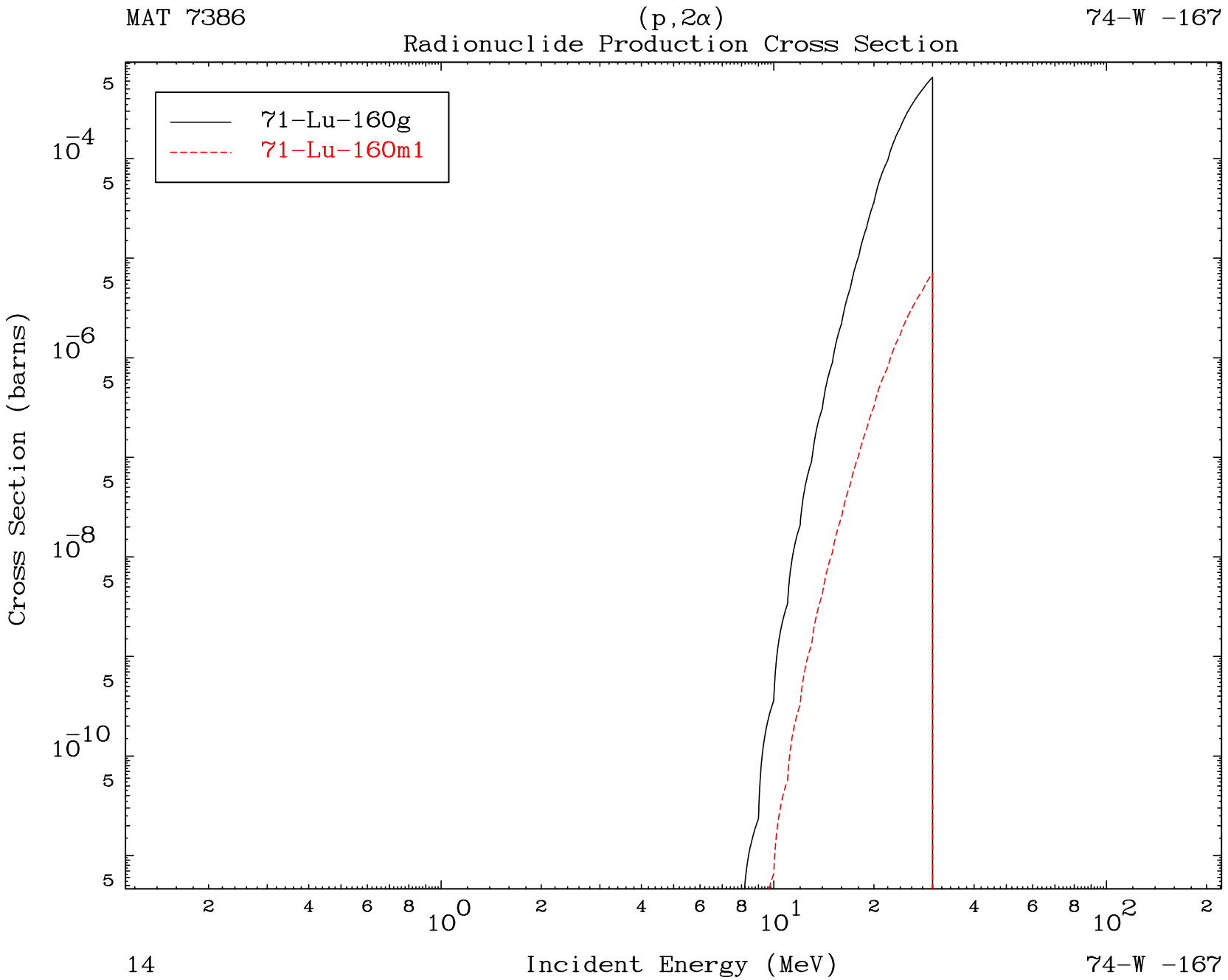

0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)


MAT 7386
(p,α) Levels
74-W -167
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
74-W -167


MAT 7386
Proton Inelastic
74-W -167
Radionuclide Production Cross Section
75-Re-167g
75-Re-167m2
Cross Section (barns)
Incident Energy (MeV)
11
74-W -167


MAT 7386
(p,3n)
74-W -167
Radionuclide Production Cross Section
X10^-4
1.6
1.4
1.2
1.0
Cross Section (barns)
75-Re-165m1
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
74-W -167


MAT 7386
(p,3n) α
74-W -167
Radionuclide Production Cross Section
73-Ta-161m1
Cross Section (barns)
10-7
5
10-8
5
10-9
5
10-10
5
10-11
5
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
74-W -167


MAT 7386
(p,2α)
74-W -167
Radionuclide Production Cross Section
71-Lu-160g
71-Lu-160m1
Cross Section (barns)
Incident Energy (MeV)
14
74-W -167