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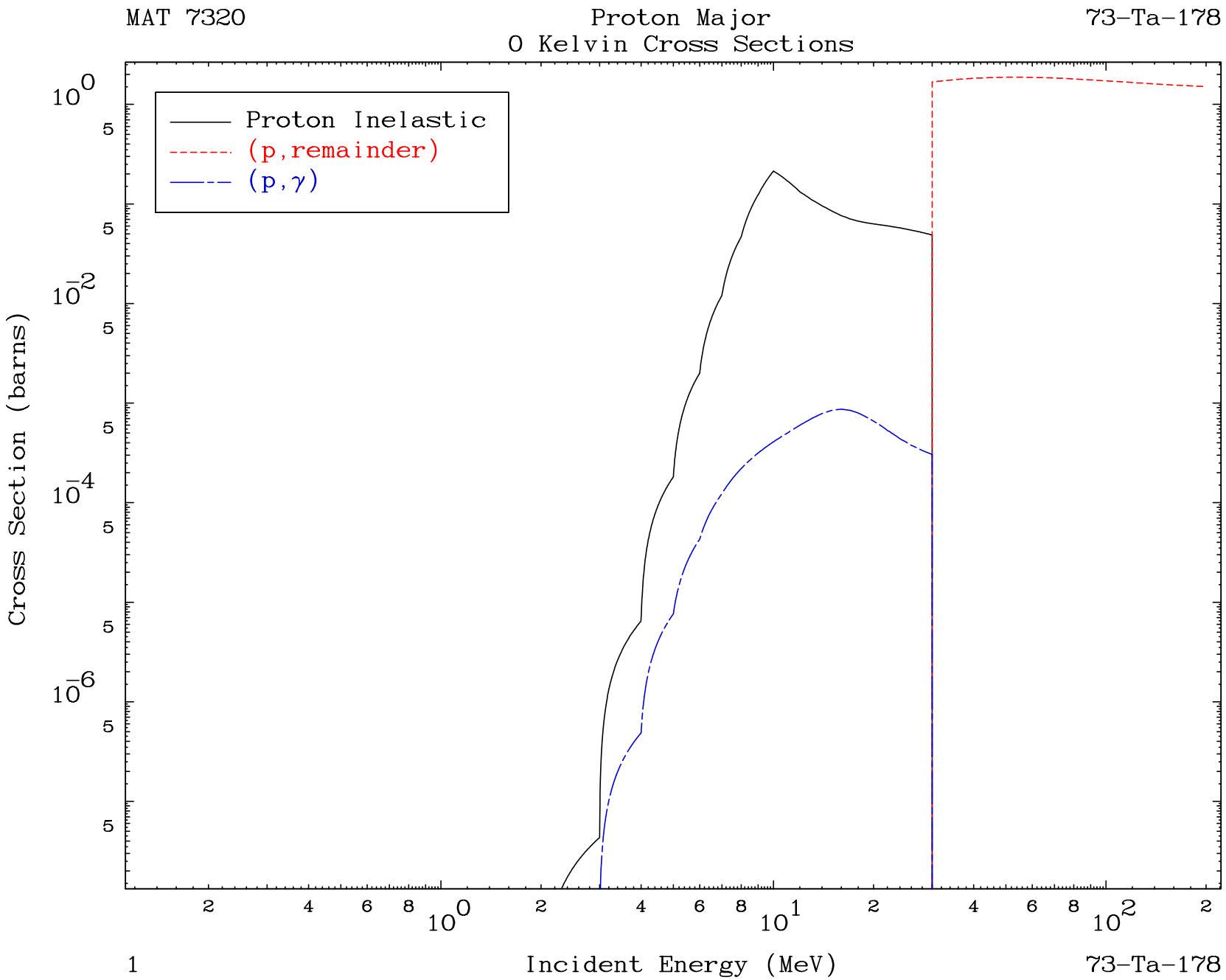
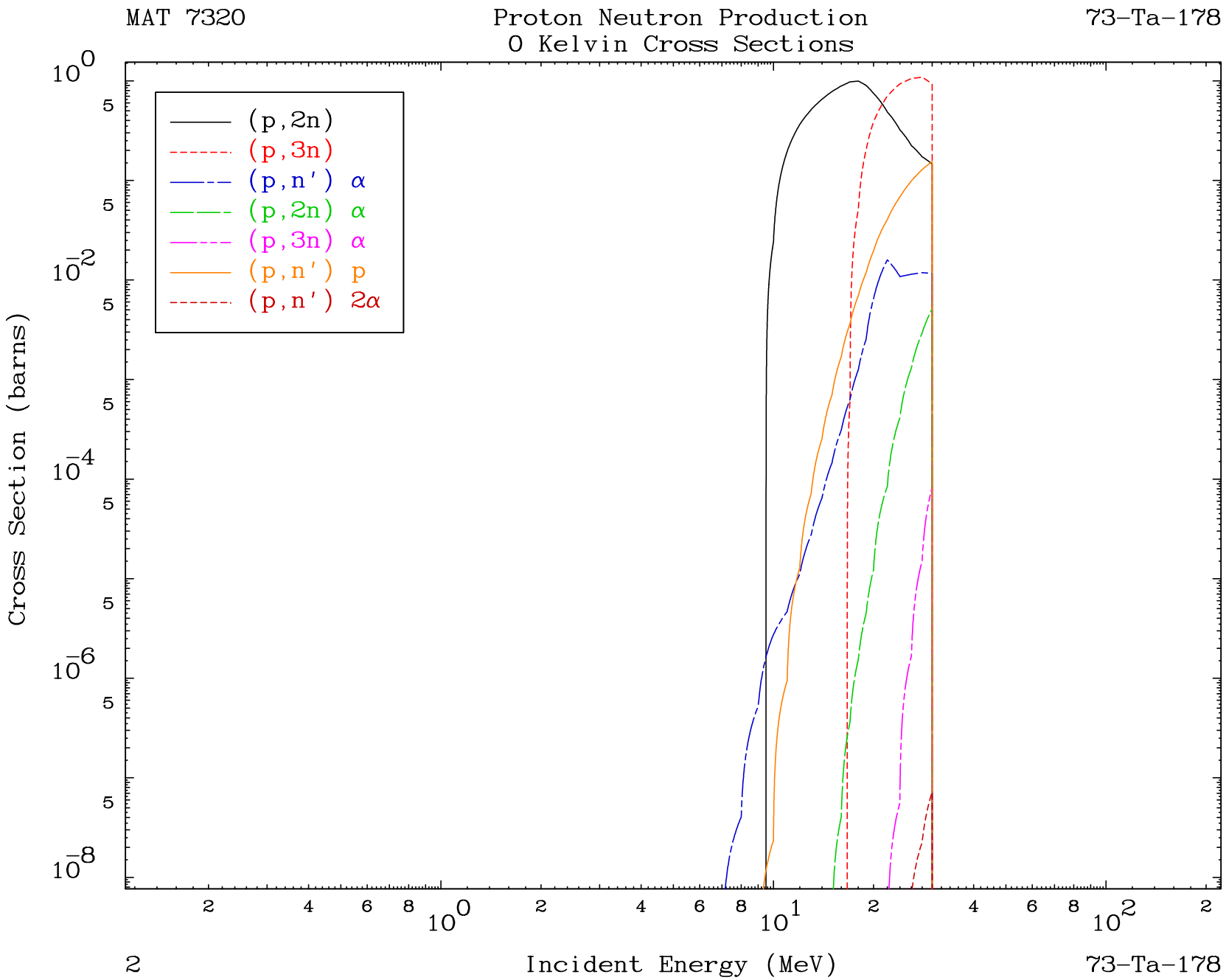
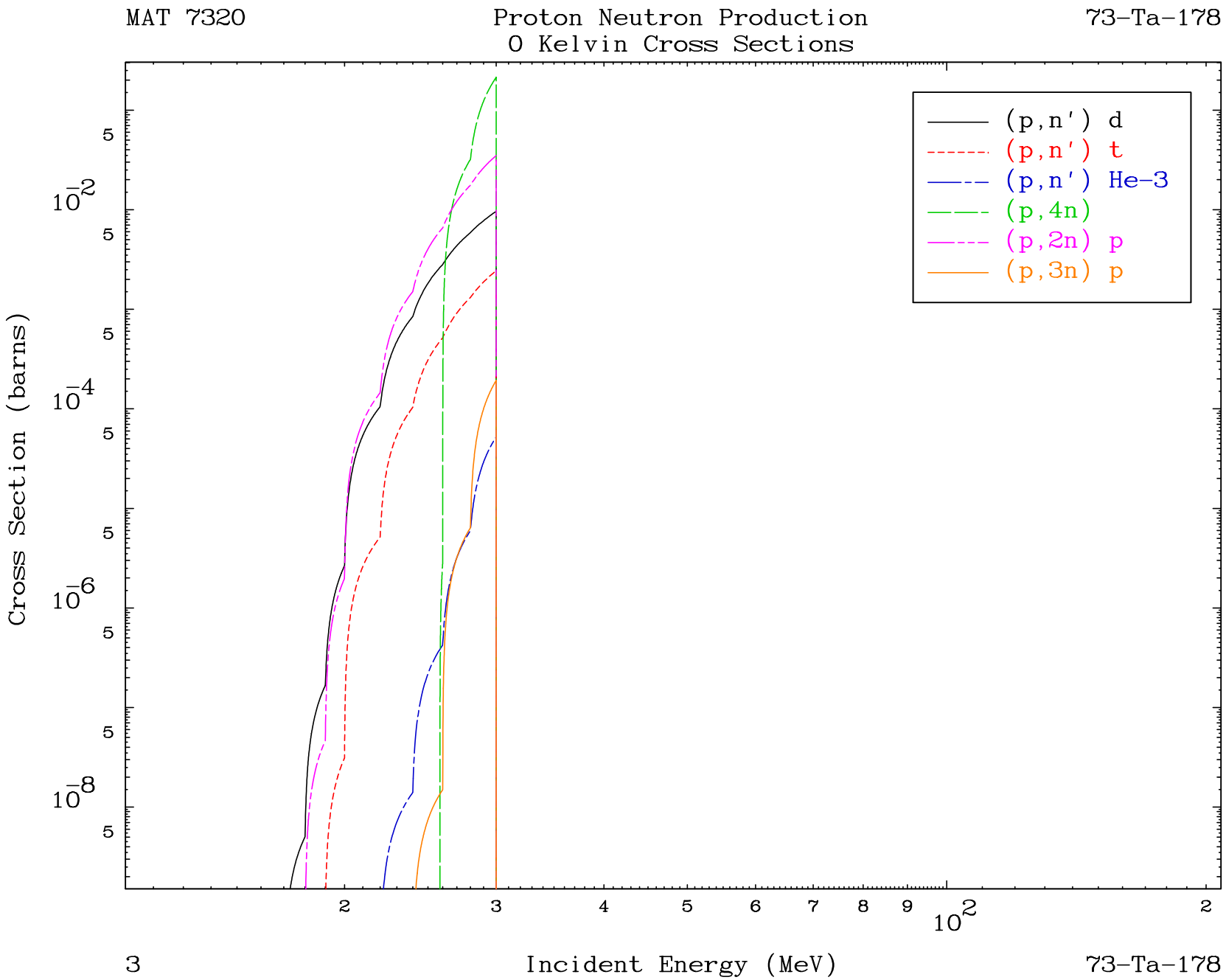
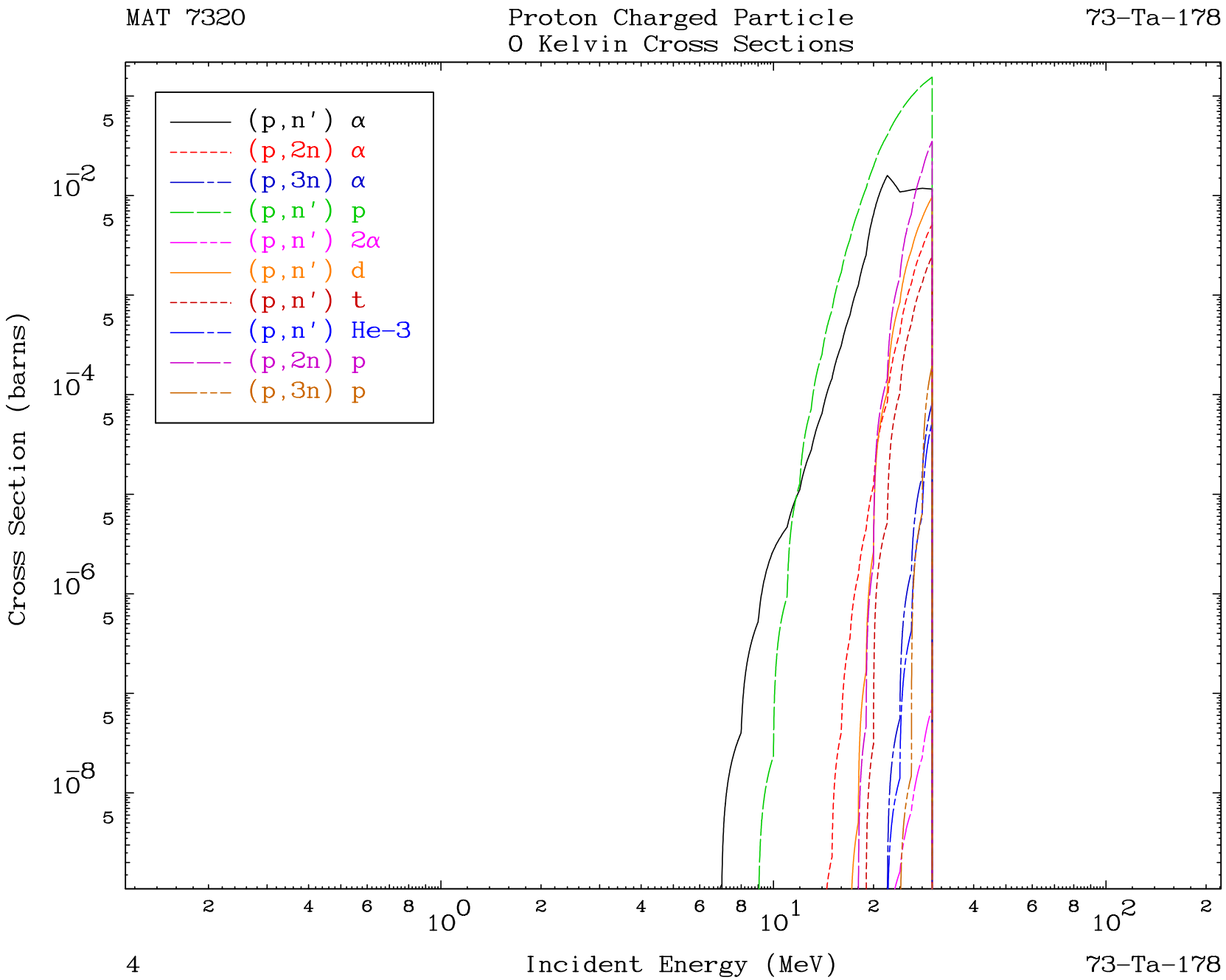
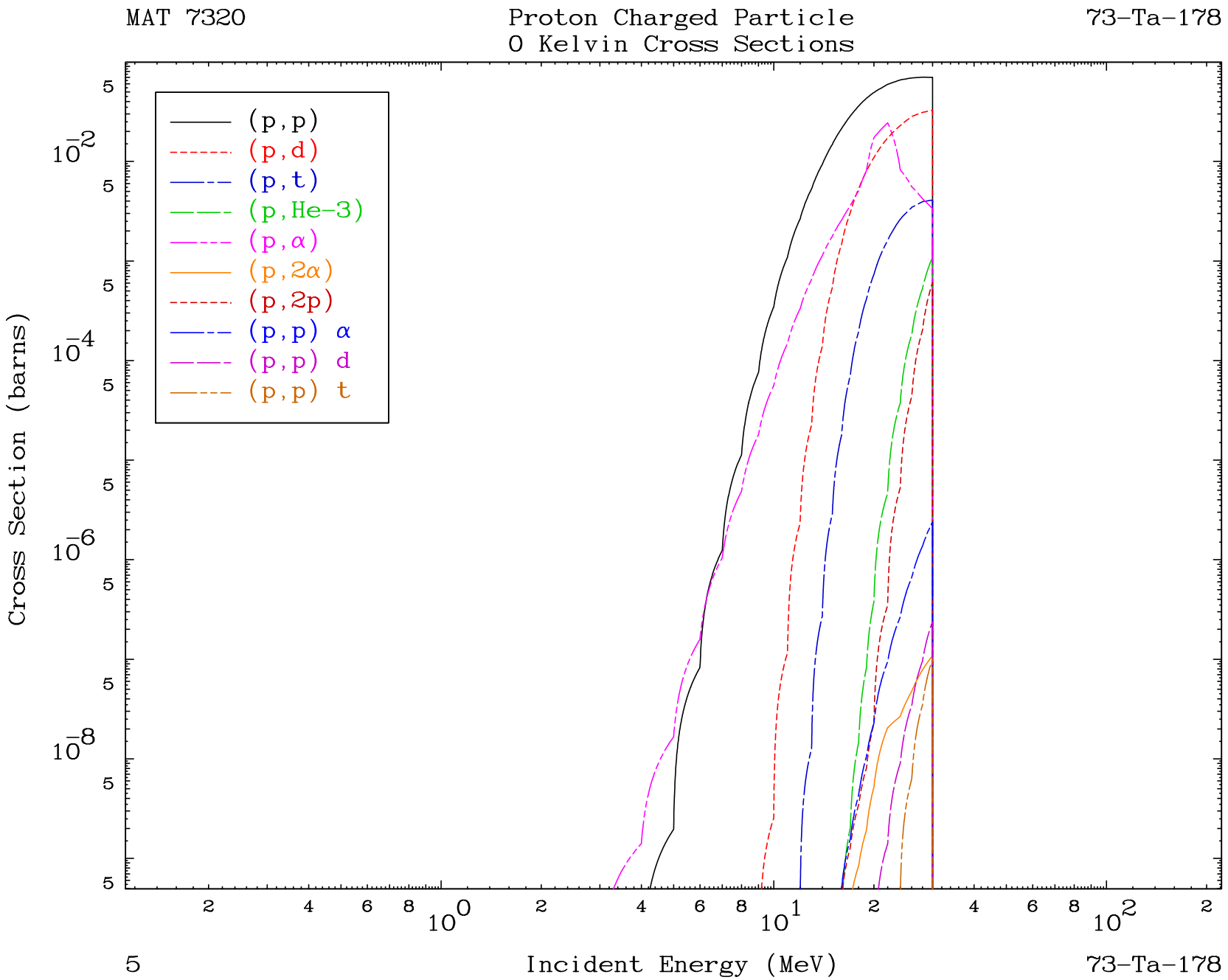
Press Mouse Button to Start

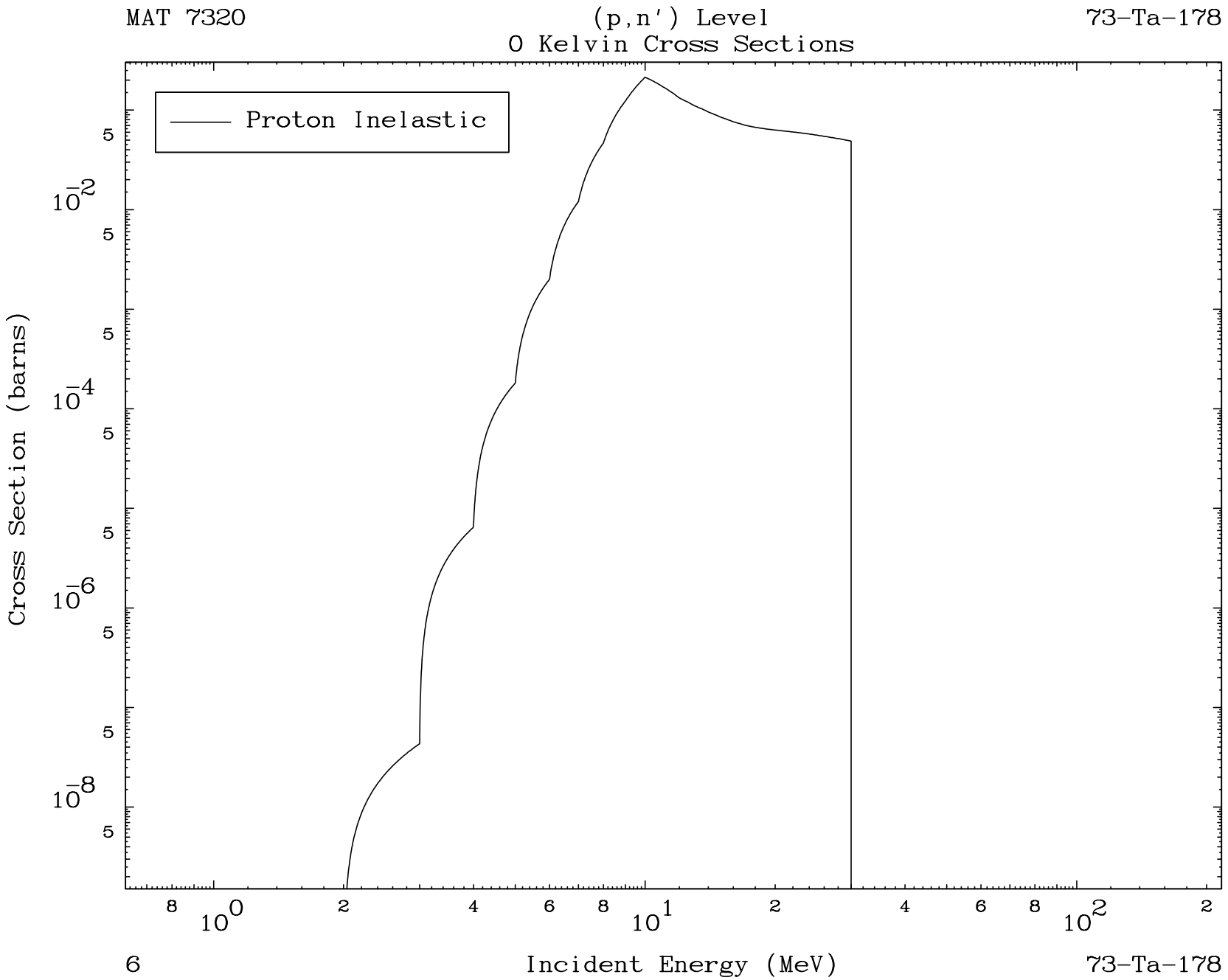

MAT 7320
Proton Major
73-Ta-178
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-178
1

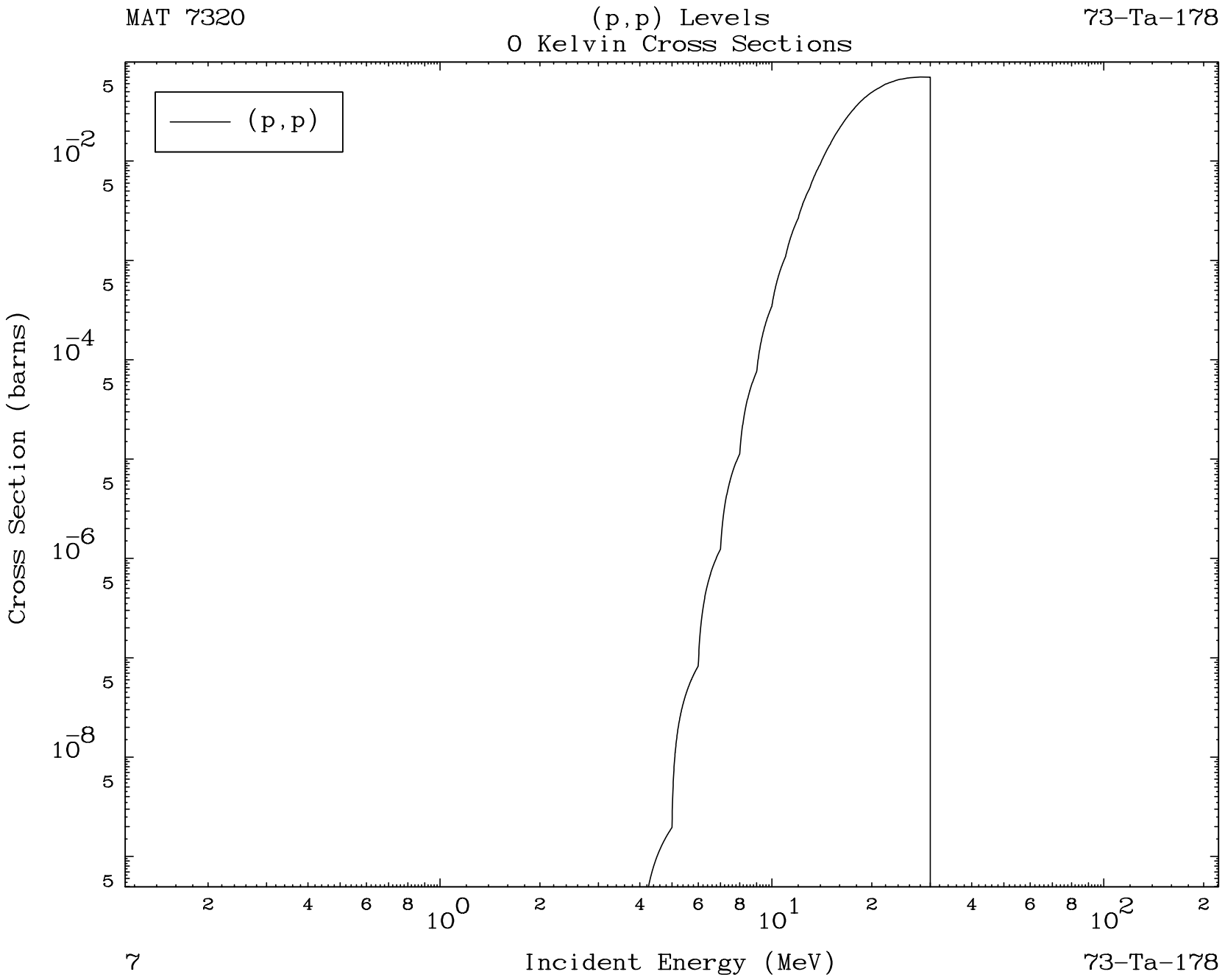

MAT 7320
Proton Neutron Production
0 Kelvin Cross Sections
73-Ta-178
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
Cross Section (barns)
Incident Energy (MeV)
73-Ta-178
2

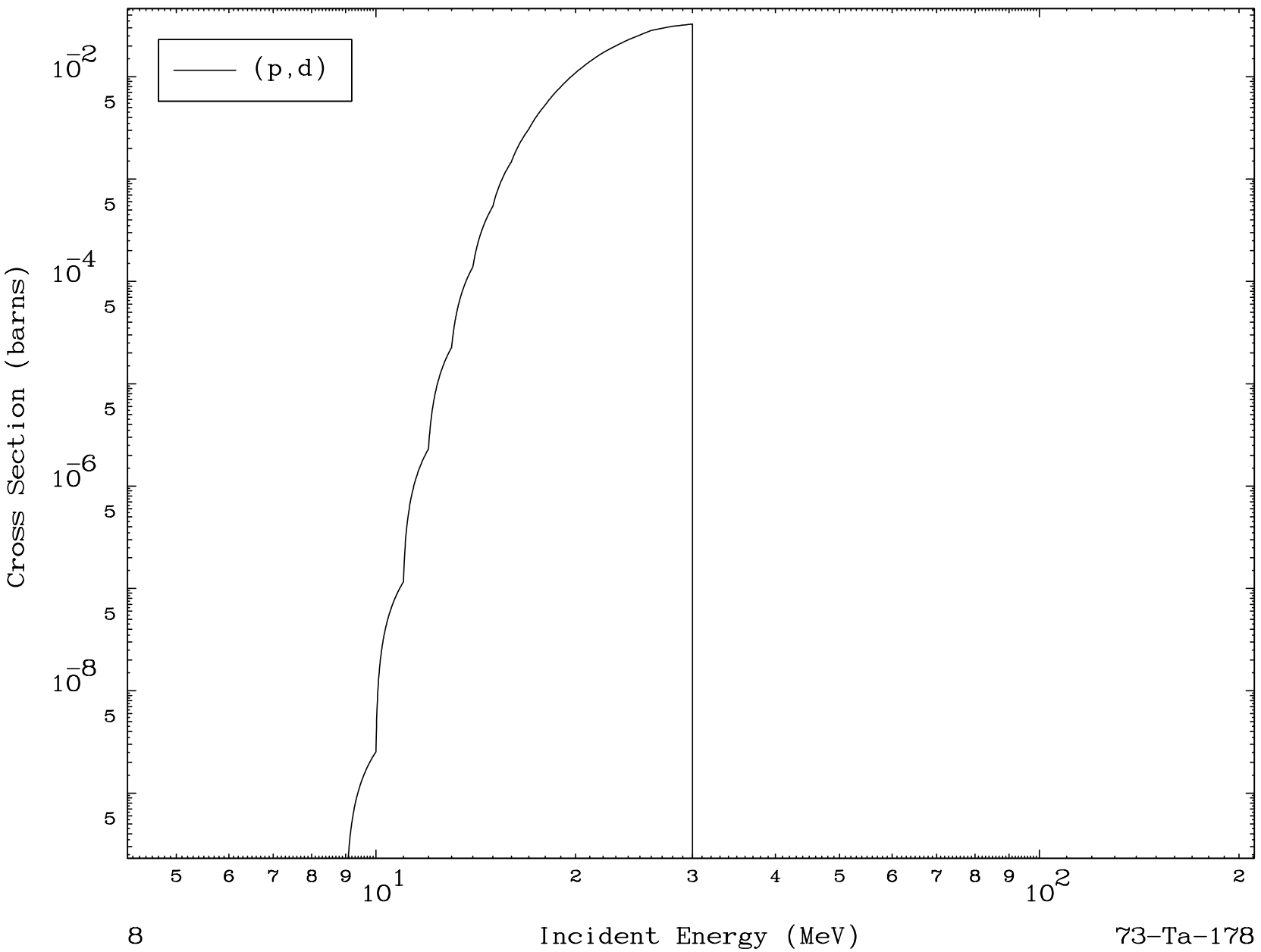

MAT 7320
Proton Neutron Production
0 Kelvin Cross Sections
73-Ta-178
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
73-Ta-178
3

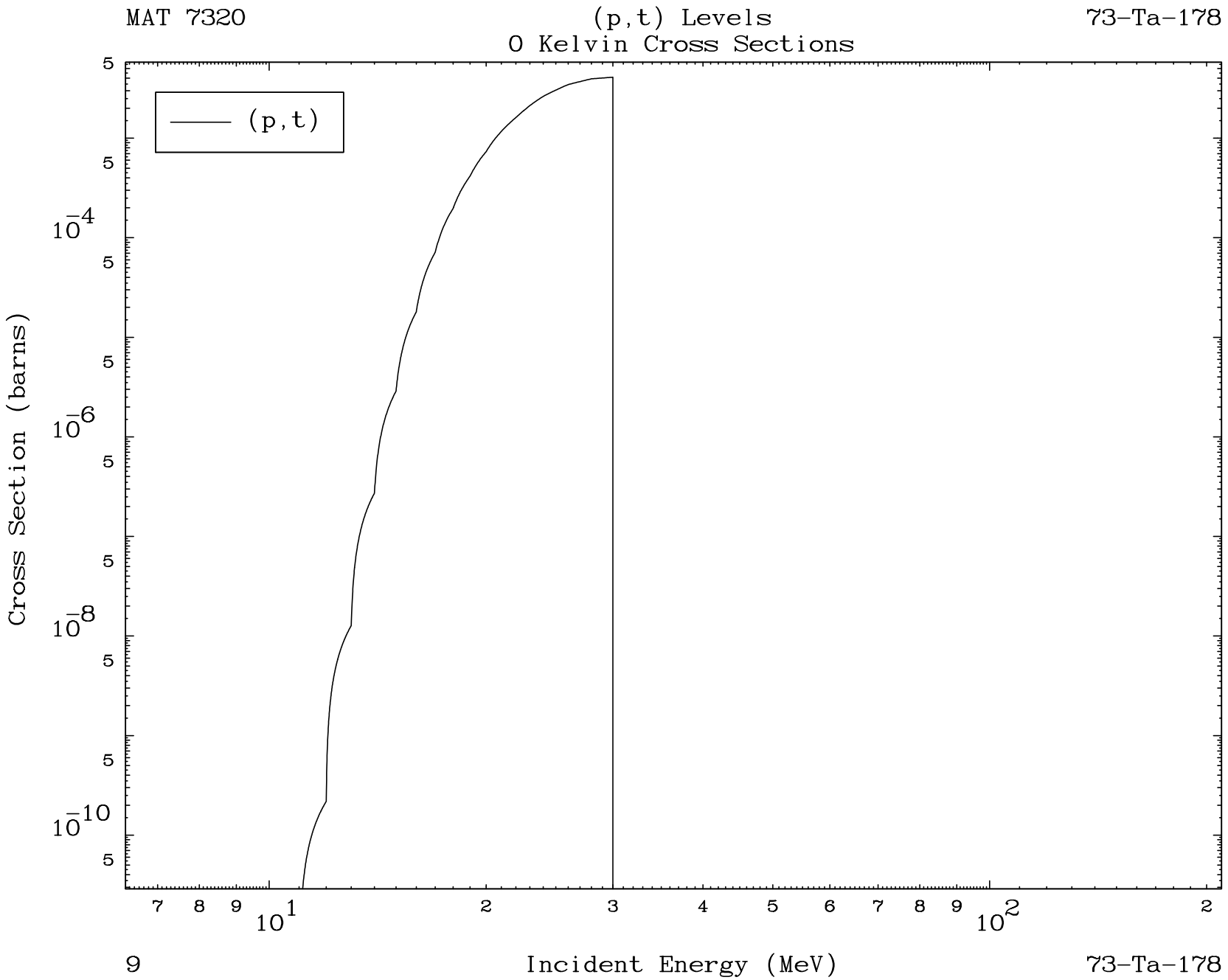

MAT 7320
Proton Charged Particle
0 Kelvin Cross Sections
73-Ta-178
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-178

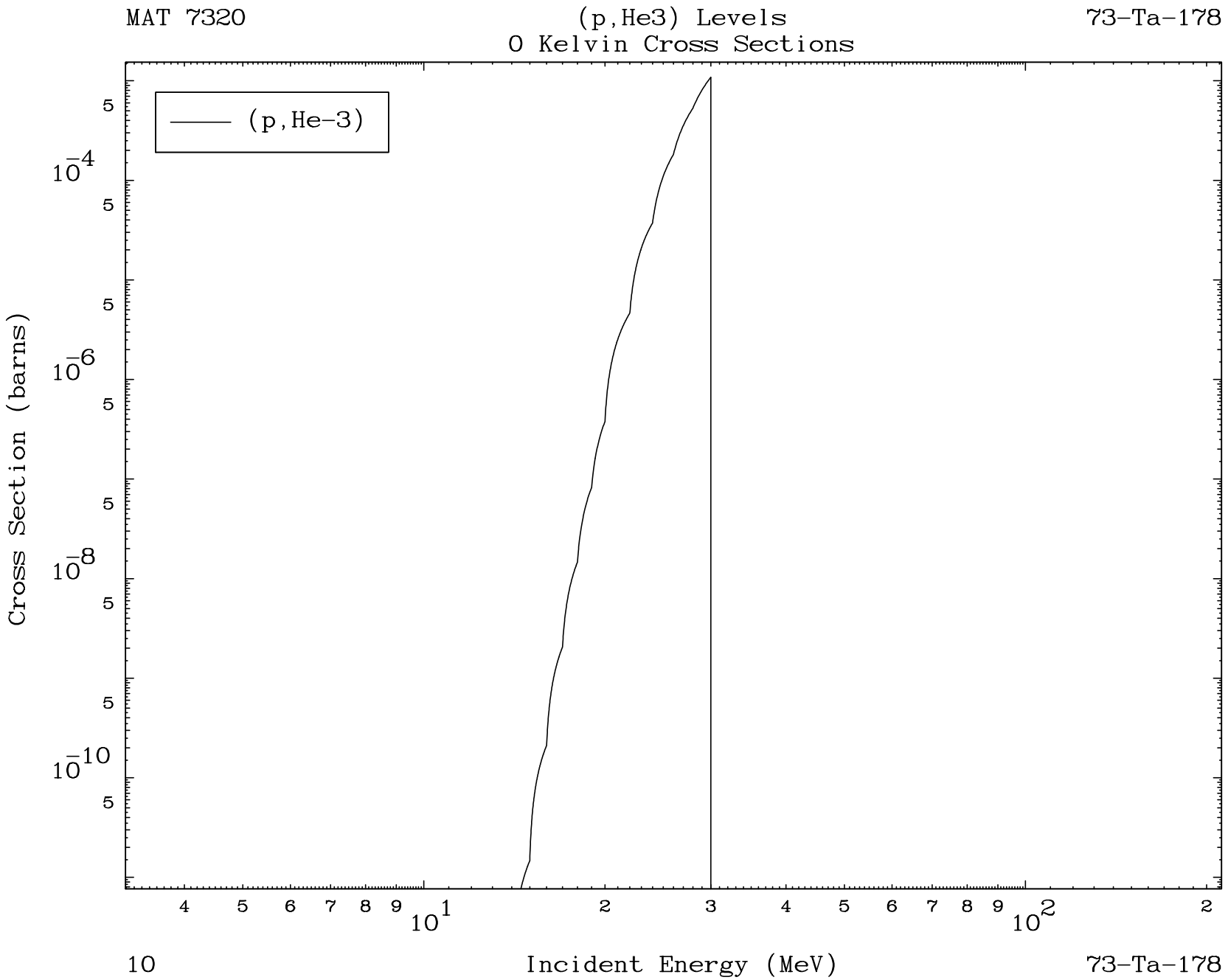

MAT 7320
Proton Charged Particle
0 Kelvin Cross Sections
73-Ta-178
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
73-Ta-178

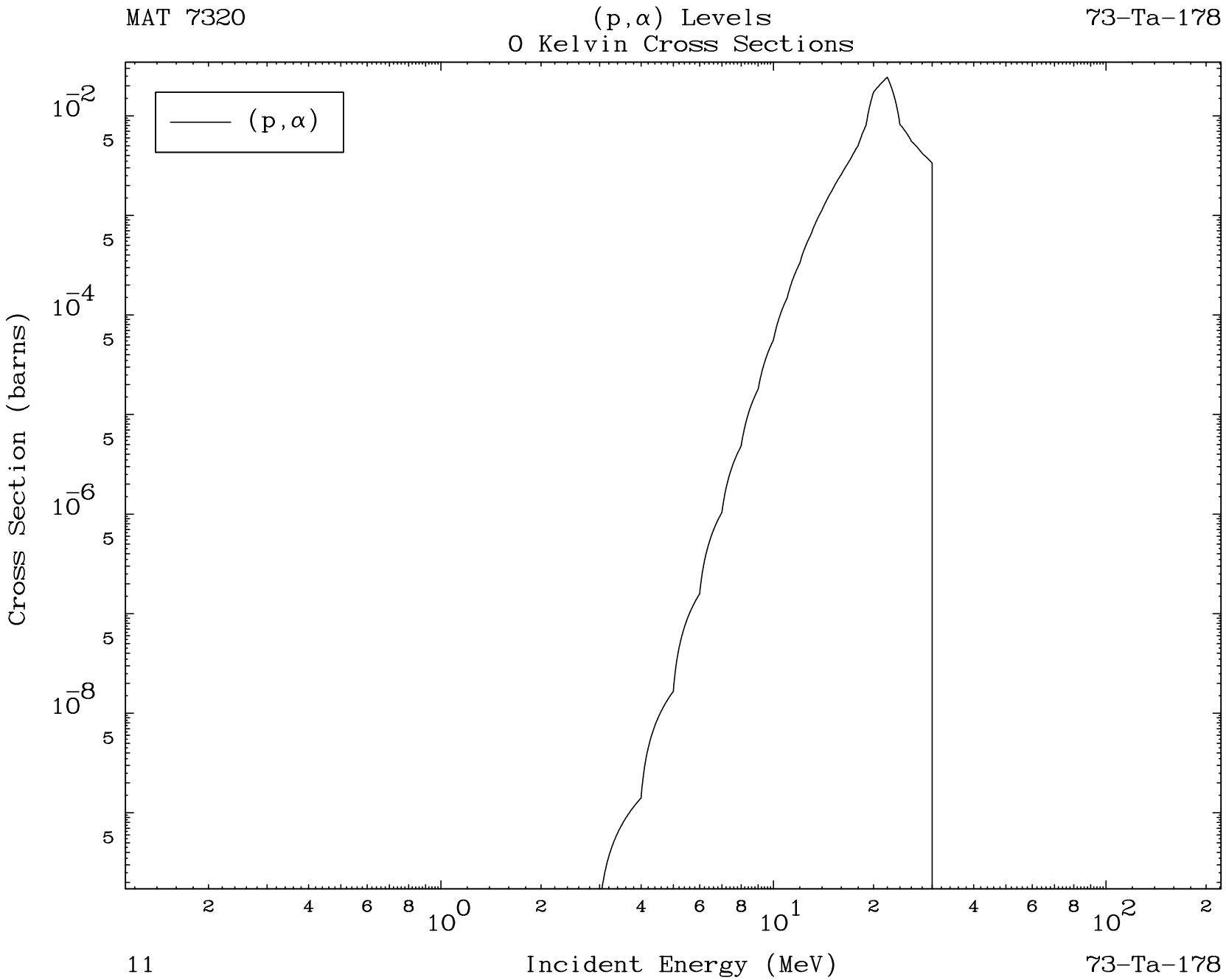

MAT 7320
(p,n') Level
73-Ta-178
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
6
73-Ta-178

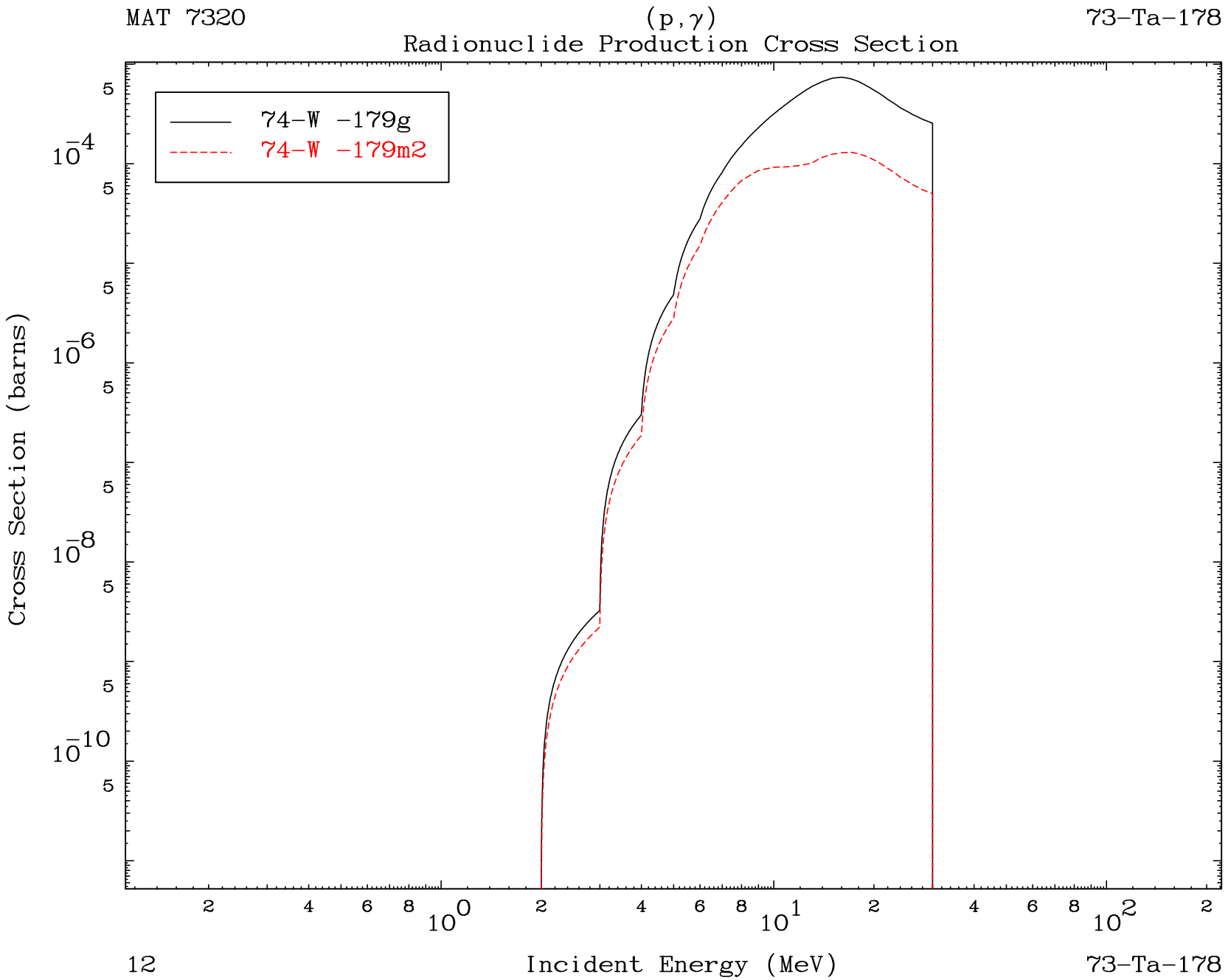

MAT 7320
(p,p) Levels
73-Ta-178
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
73-Ta-178

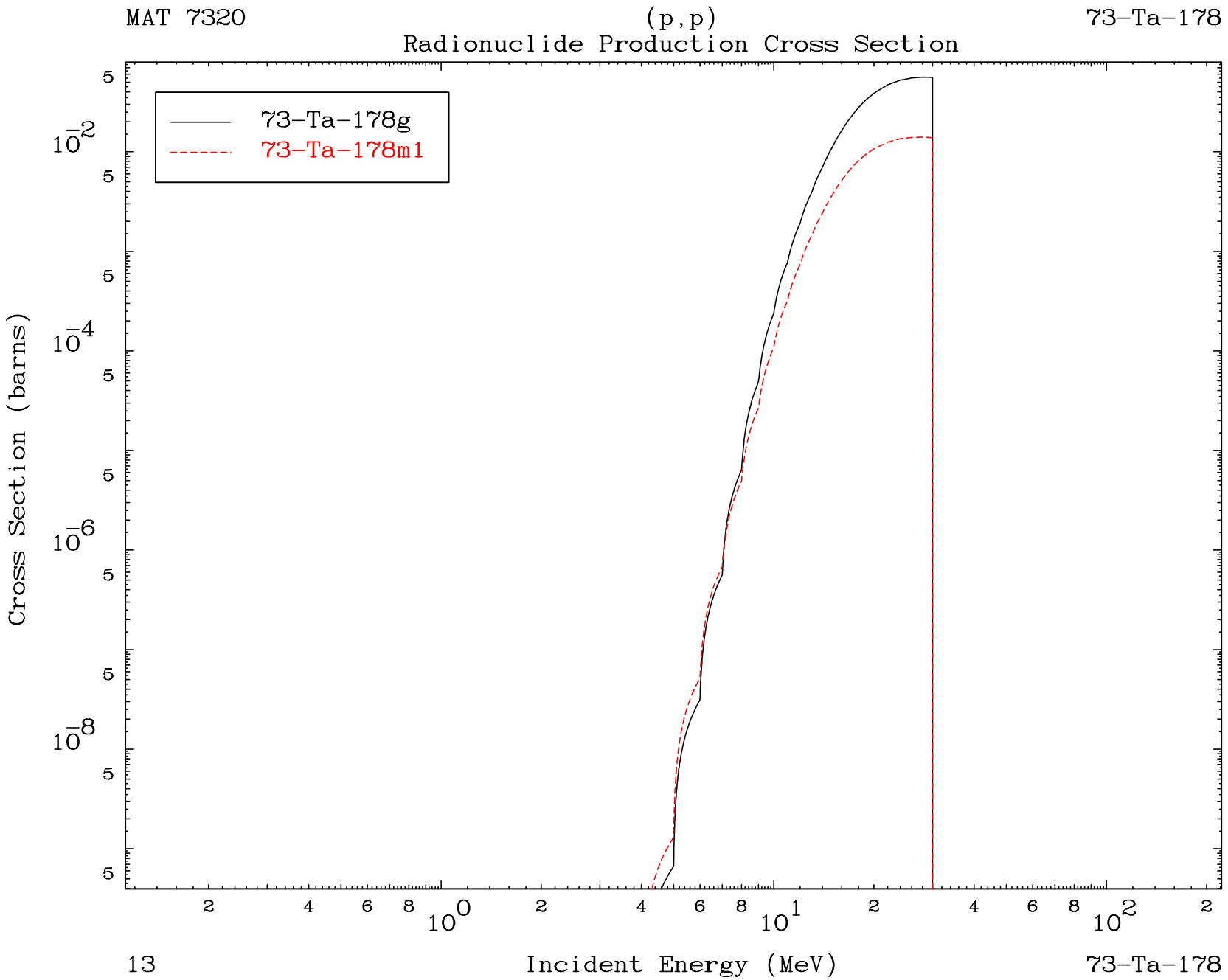

0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
5
5
5
5
5
5
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

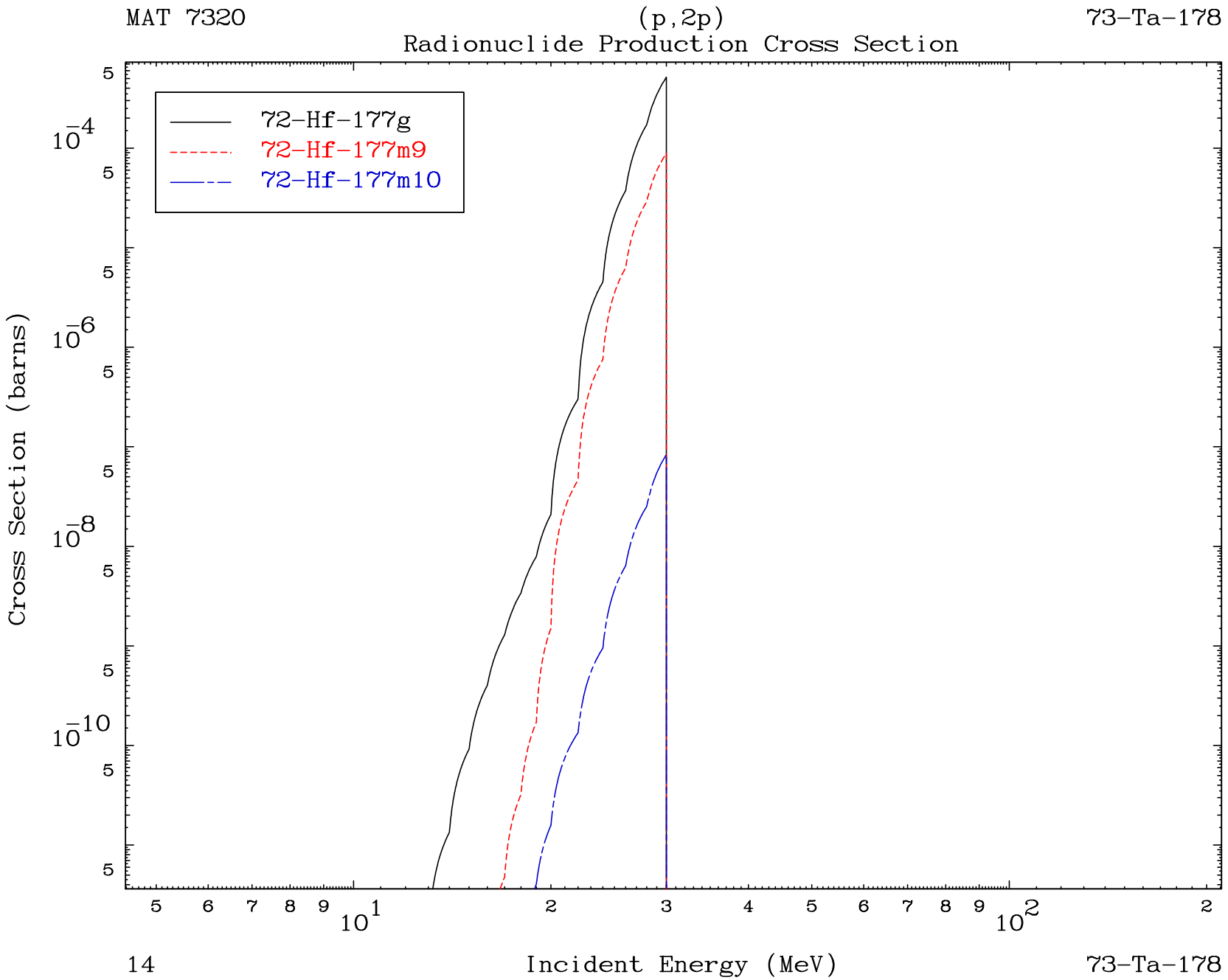

MAT 7320
(p,t) Levels
73-Ta-178
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
9
73-Ta-178

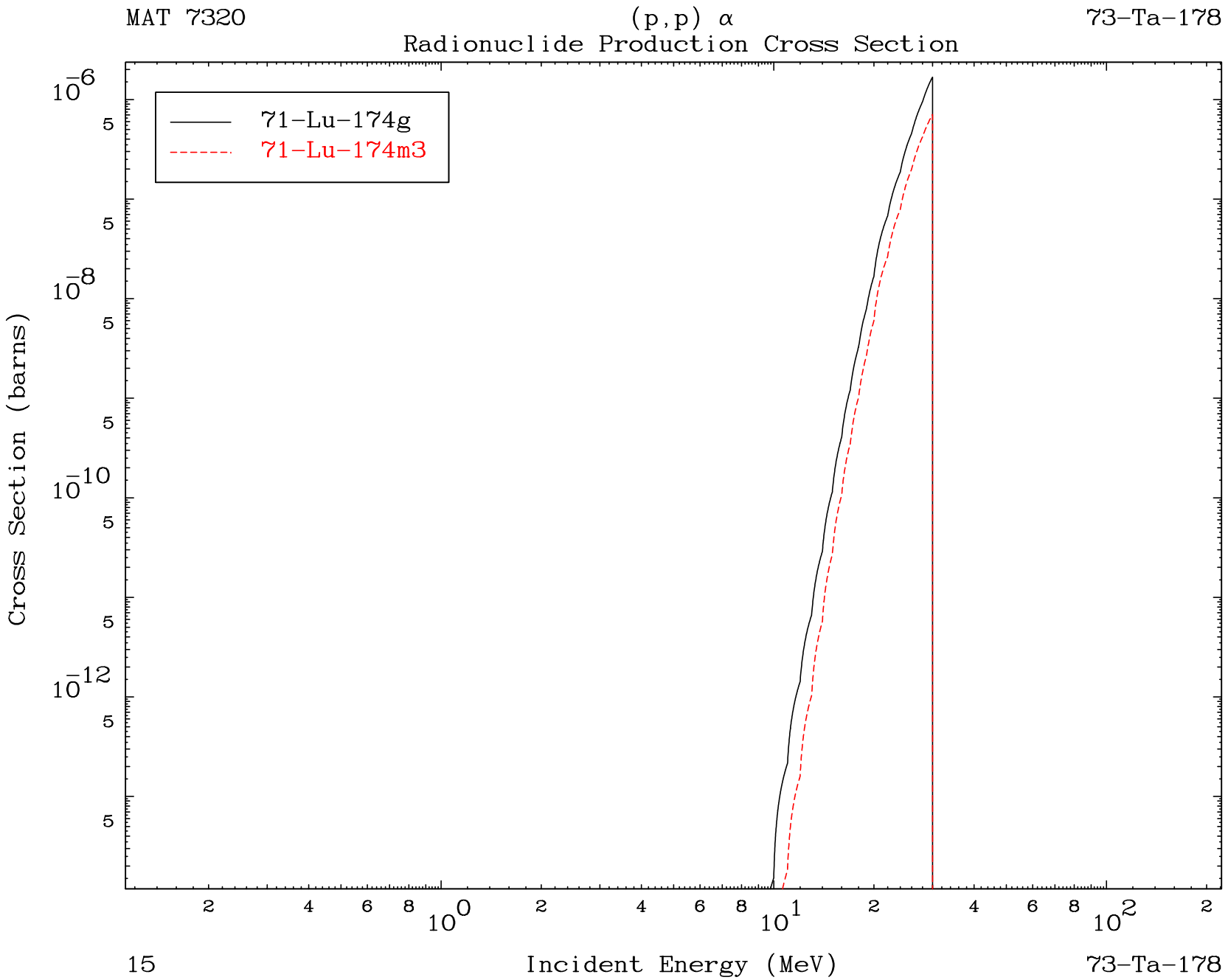

MAT 7320
(p,He3) Levels
73-Ta-178
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
73-Ta-178


MAT 7320
(p,α) Levels
73-Ta-178
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
73-Ta-178


MAT 7320
(p,γ)
73-Ta-178
Radionuclide Production Cross Section
74-W -179g
74-W -179m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
12
73-Ta-178


MAT 7320
(p,p)
73-Ta-178
Radionuclide Production Cross Section
73-Ta-178g
73-Ta-178m1
Cross Section (barns)
Incident Energy (MeV)
13
73-Ta-178


MAT 7320
(p,2p)
73-Ta-178
Radionuclide Production Cross Section
72-Hf-177g
72-Hf-177m9
72-Hf-177m10
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-178


MAT 7320
(p,p) α
73-Ta-178
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
15
73-Ta-178