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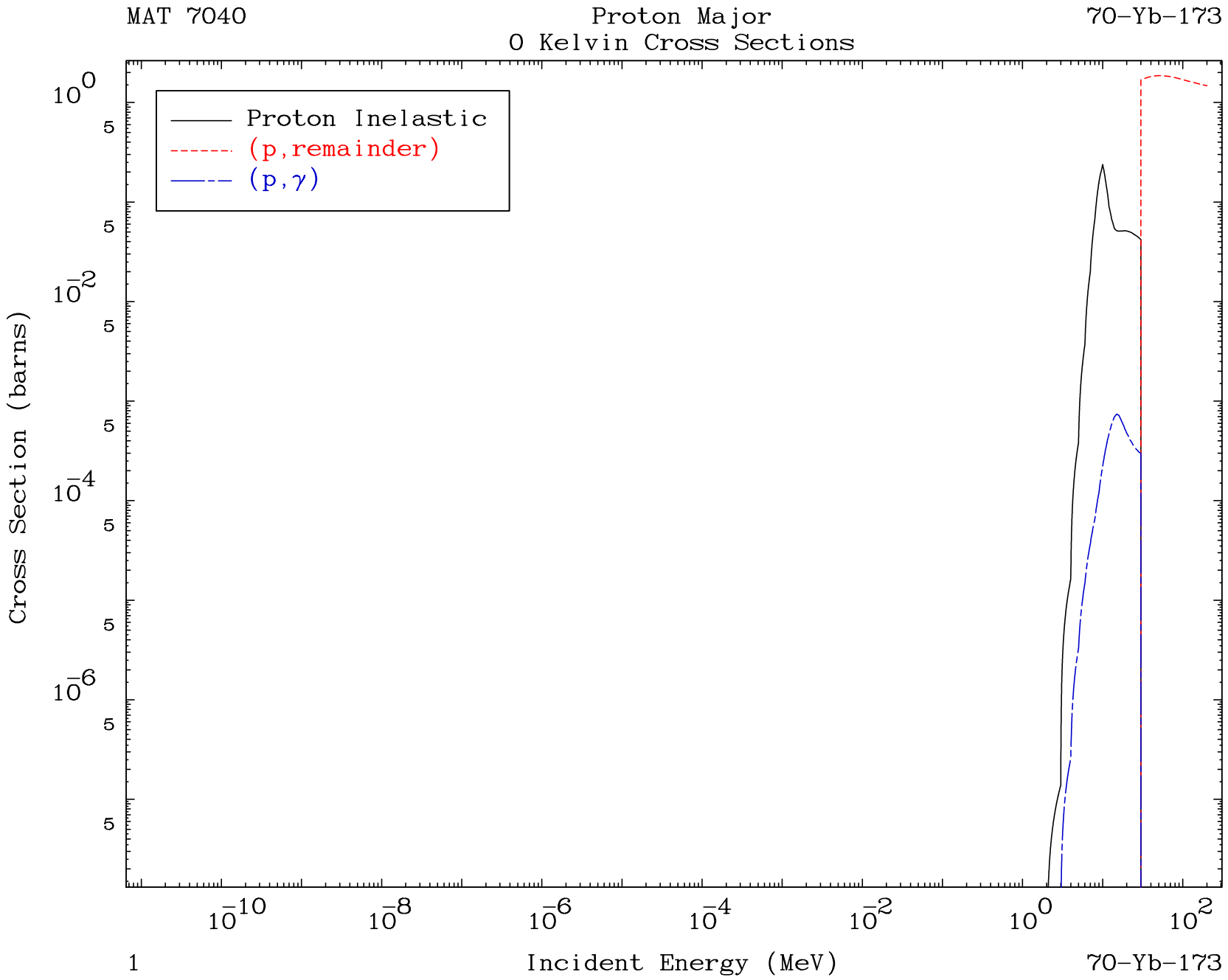
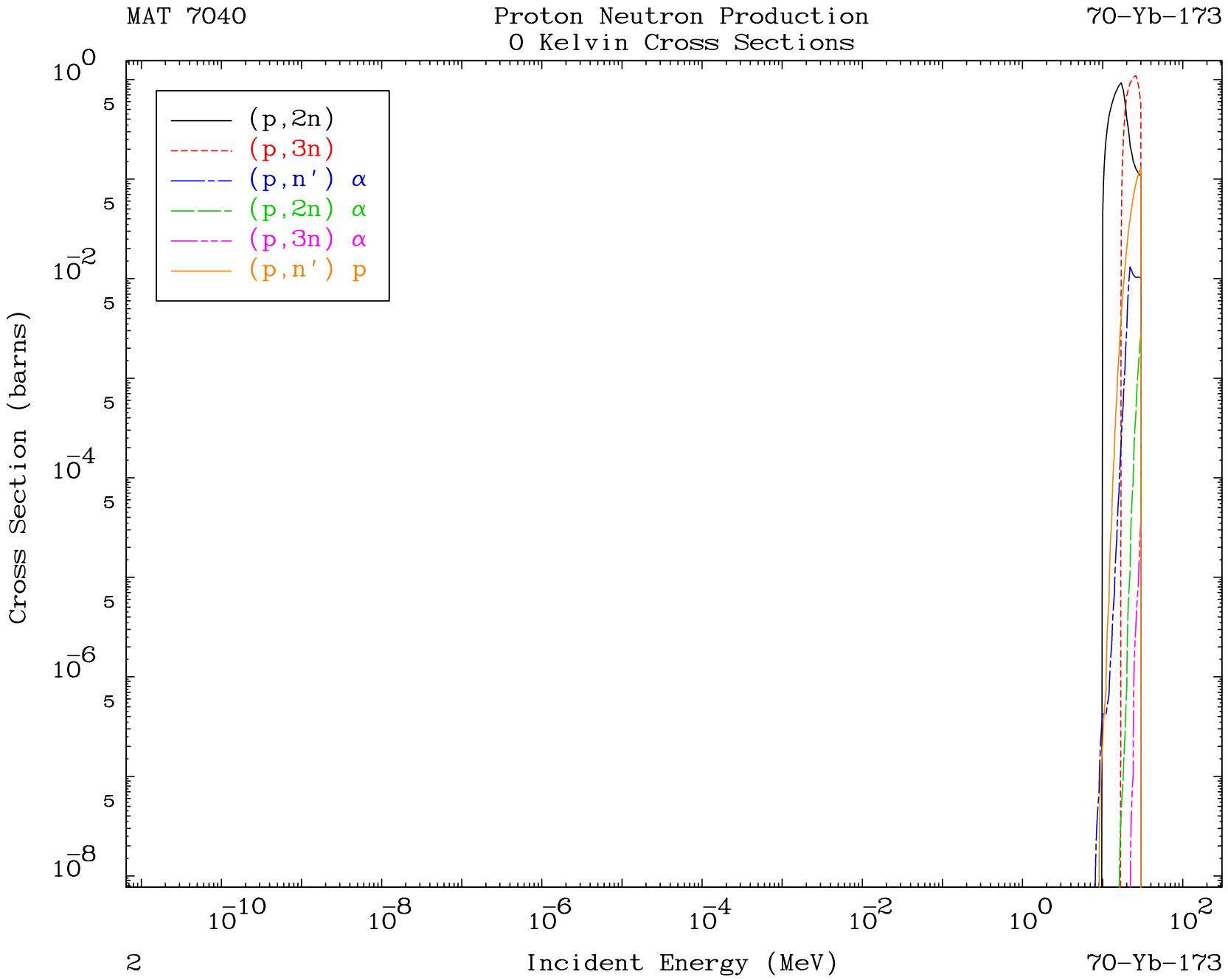
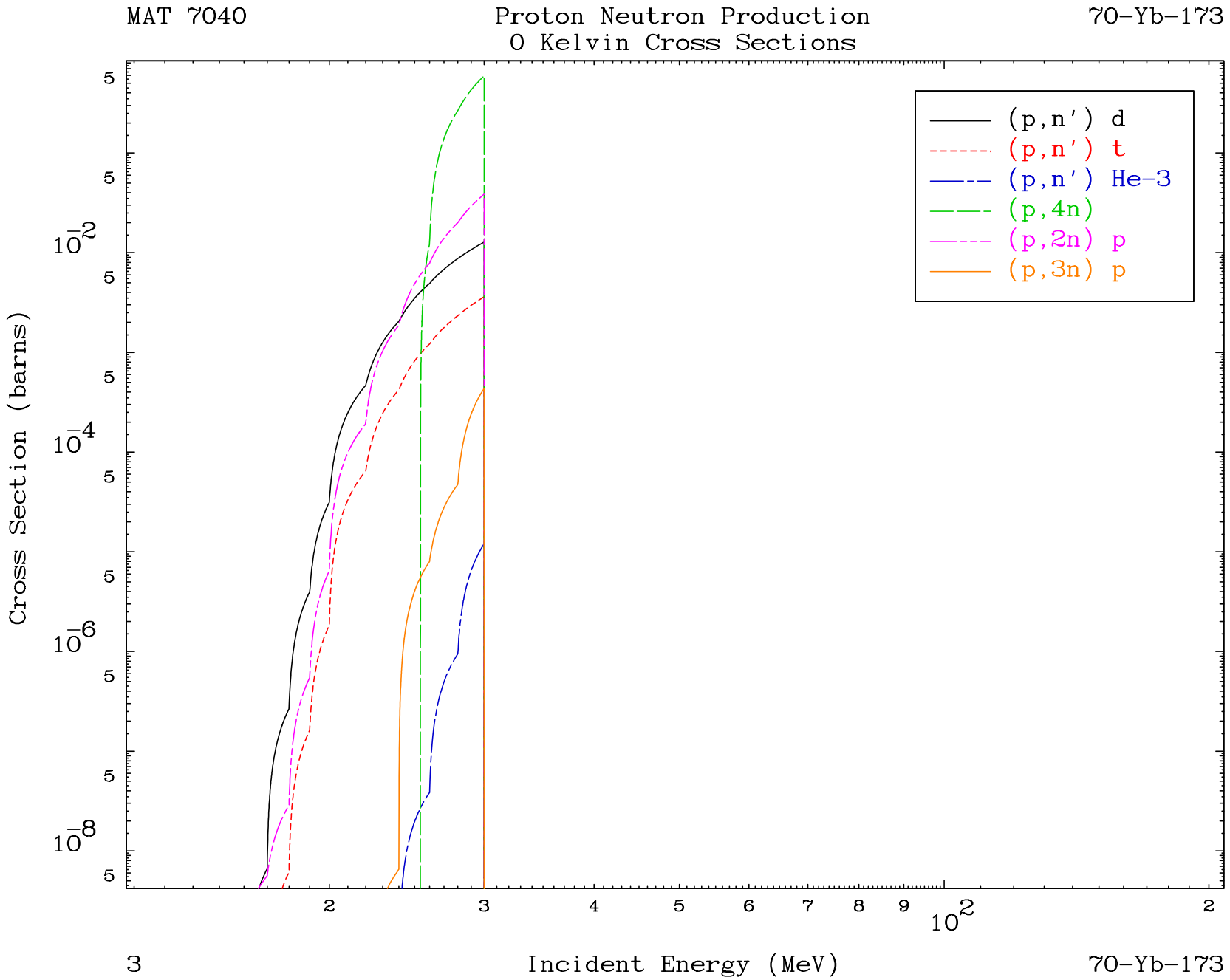
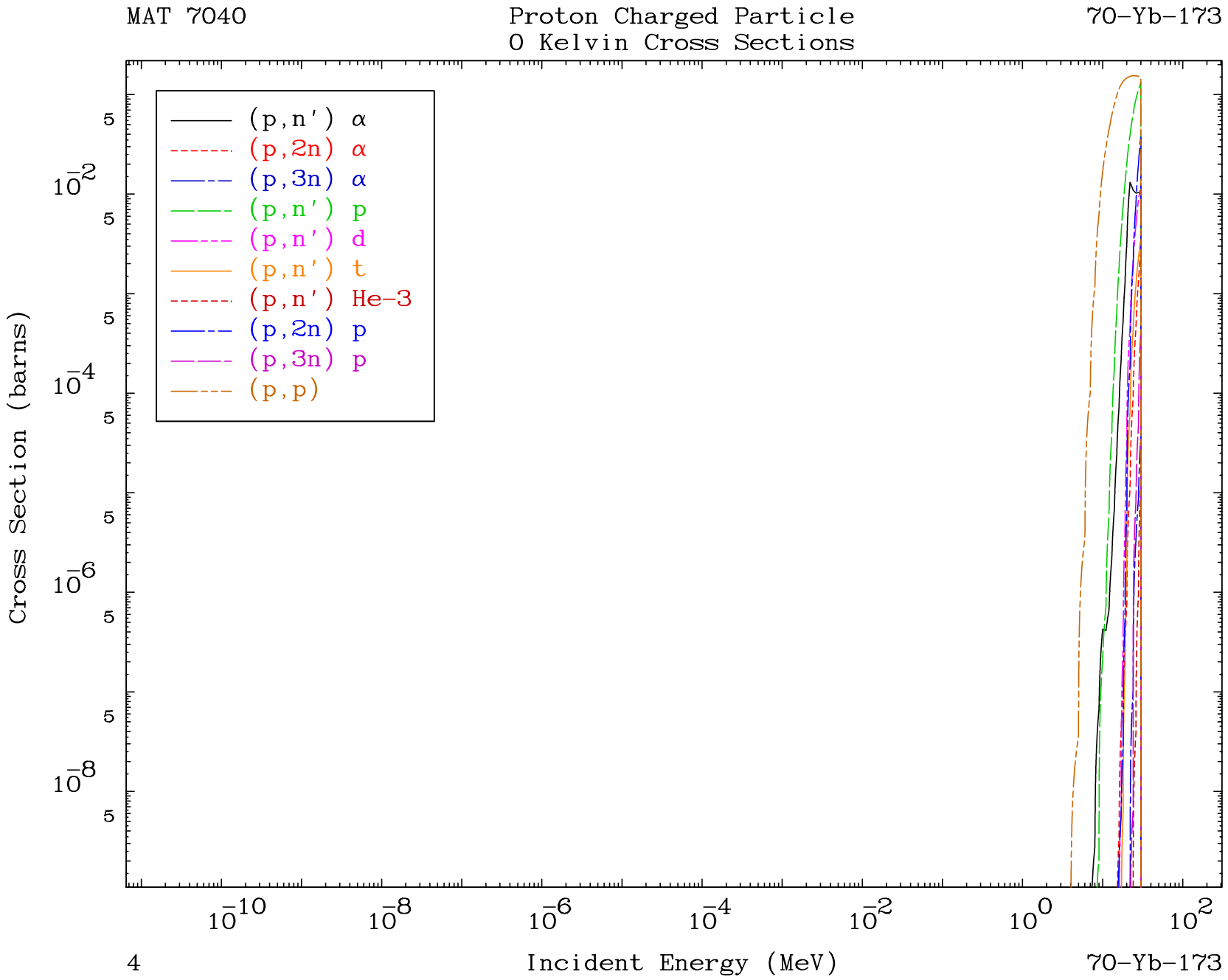
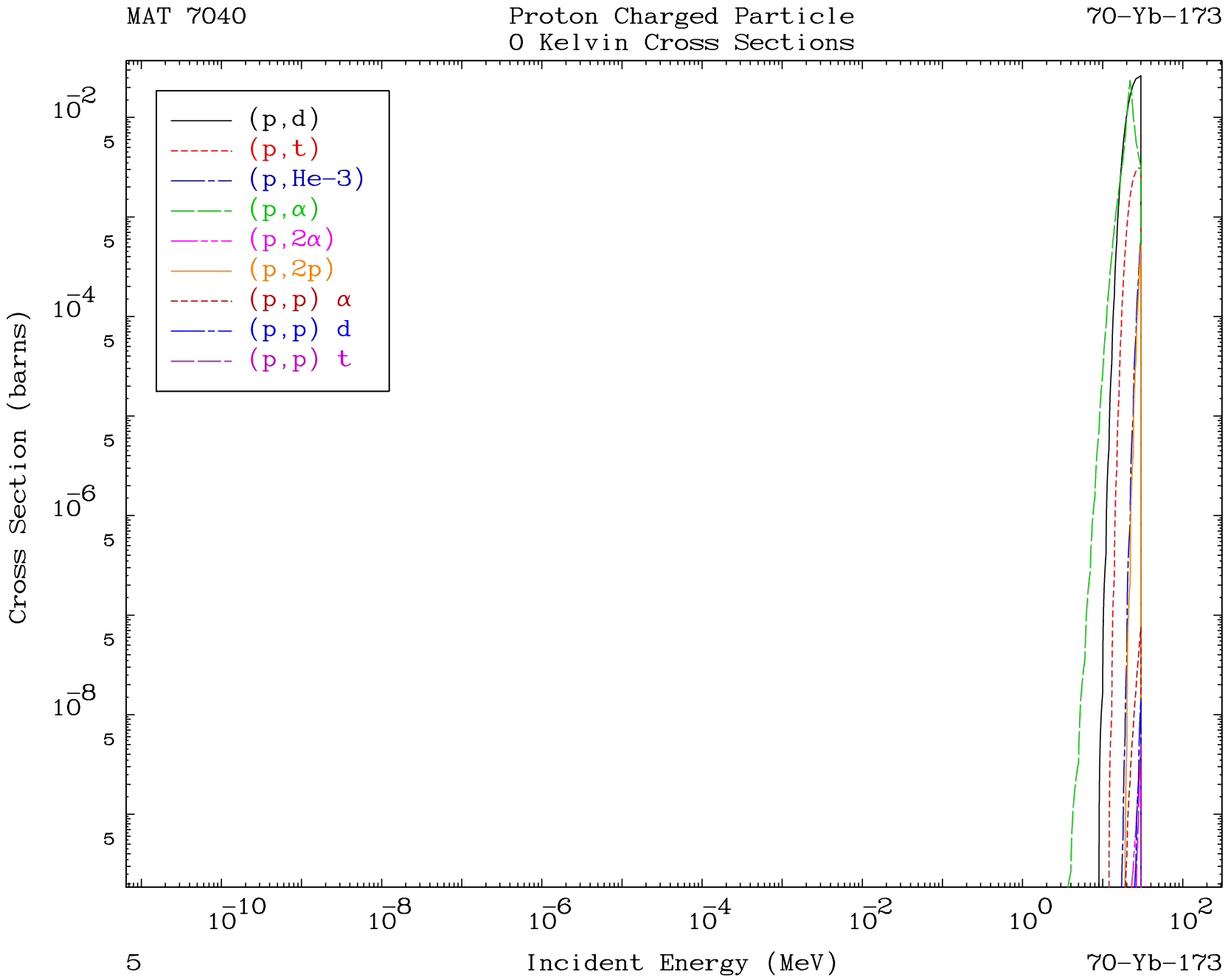
Press Mouse Button to Start

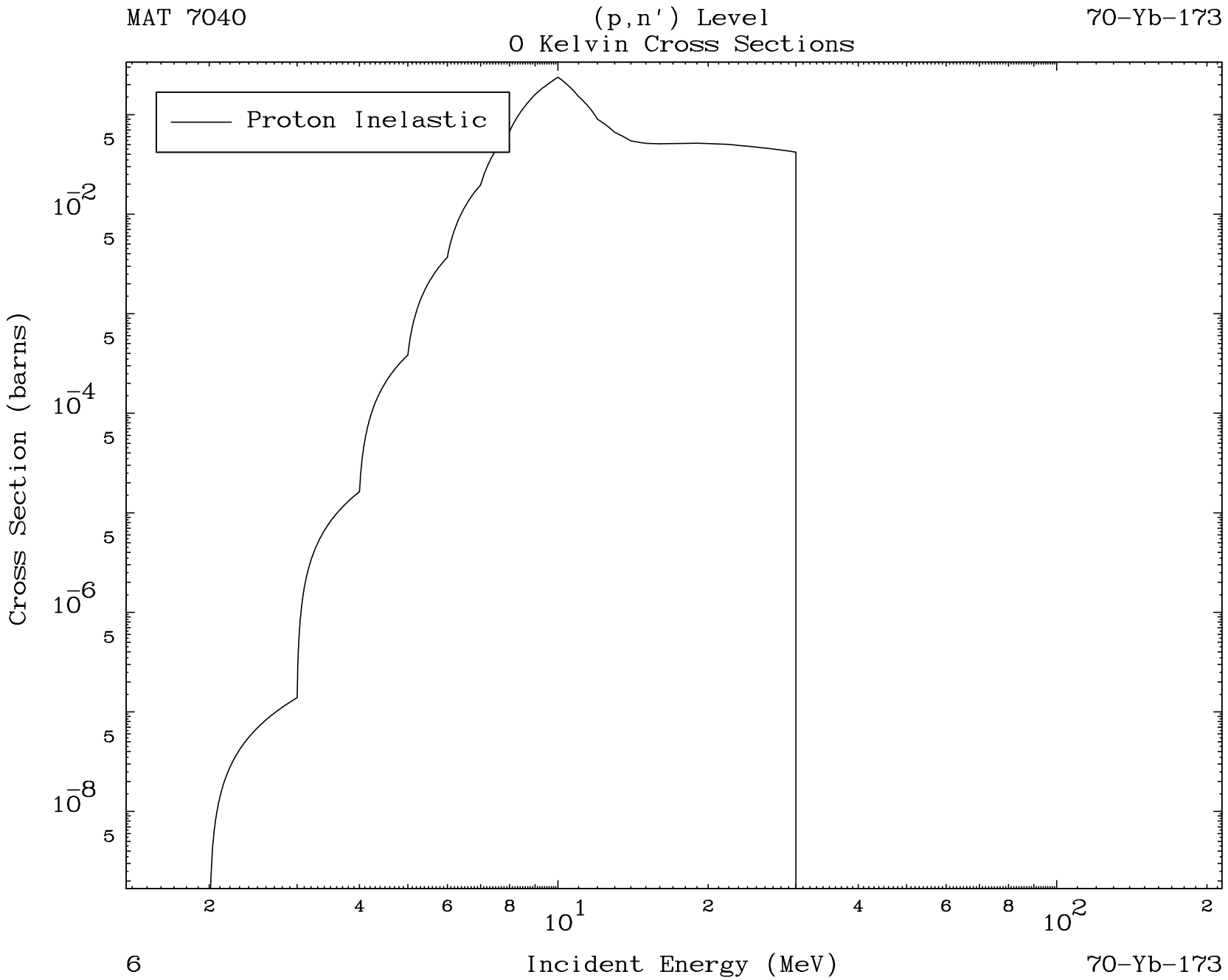

MAT 7040
Proton Major
70-Yb-173
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
70-Yb-173

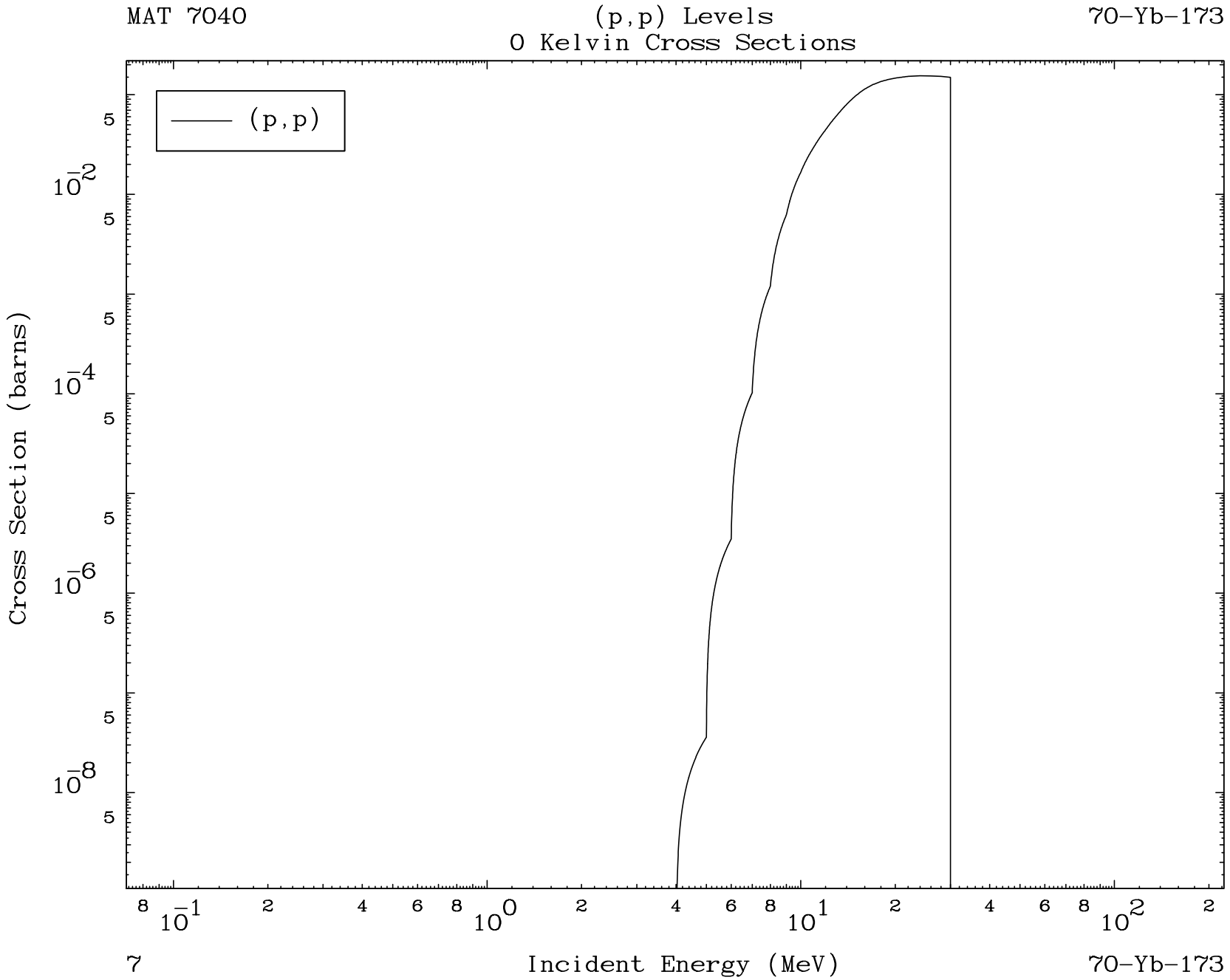

MAT 7040
Proton Neutron Production
0 Kelvin Cross Sections
70-Yb-173
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
2
70-Yb-173

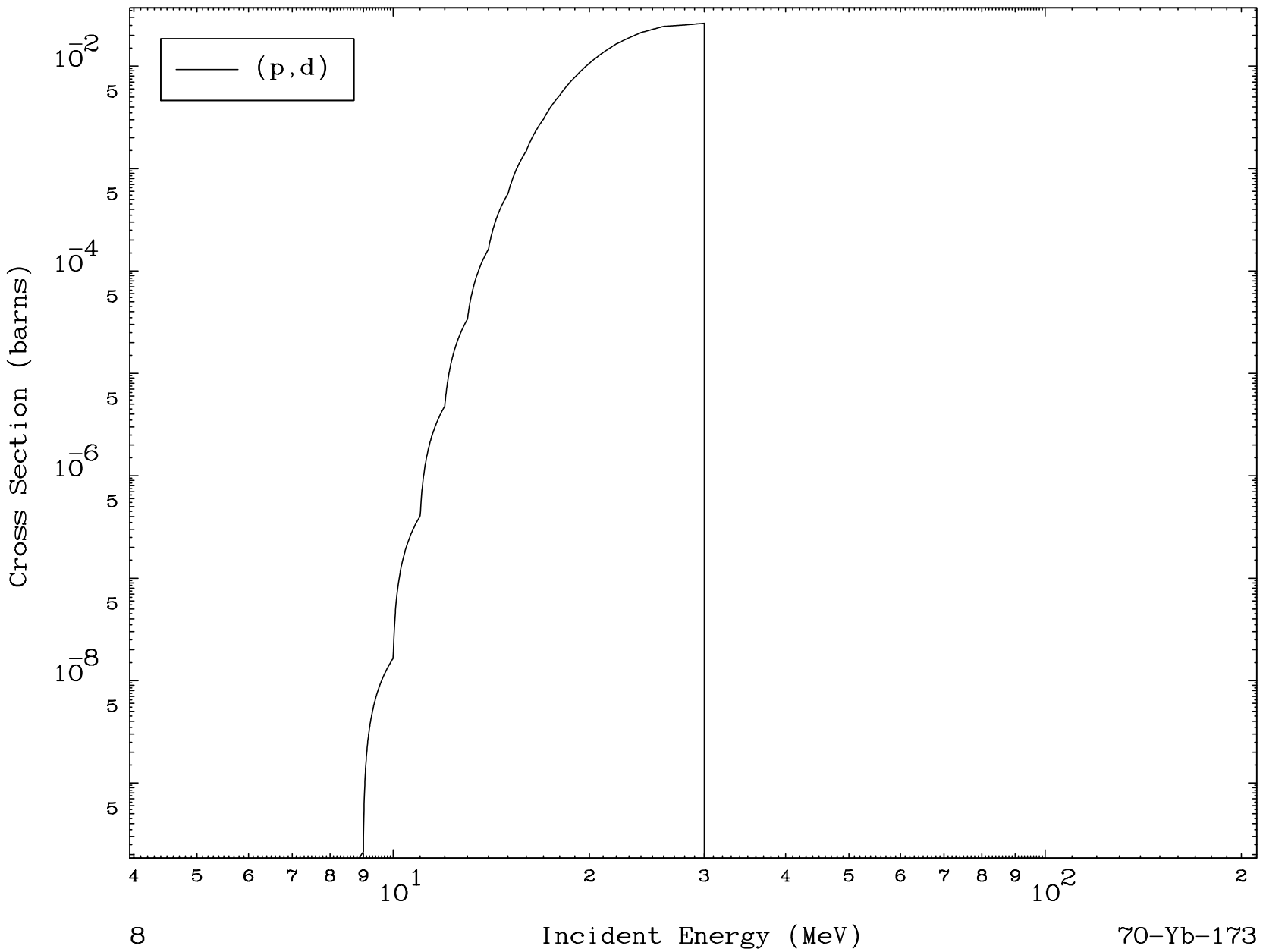

MAT 7040
Proton Neutron Production
0 Kelvin Cross Sections
70-Yb-173
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
70-Yb-173

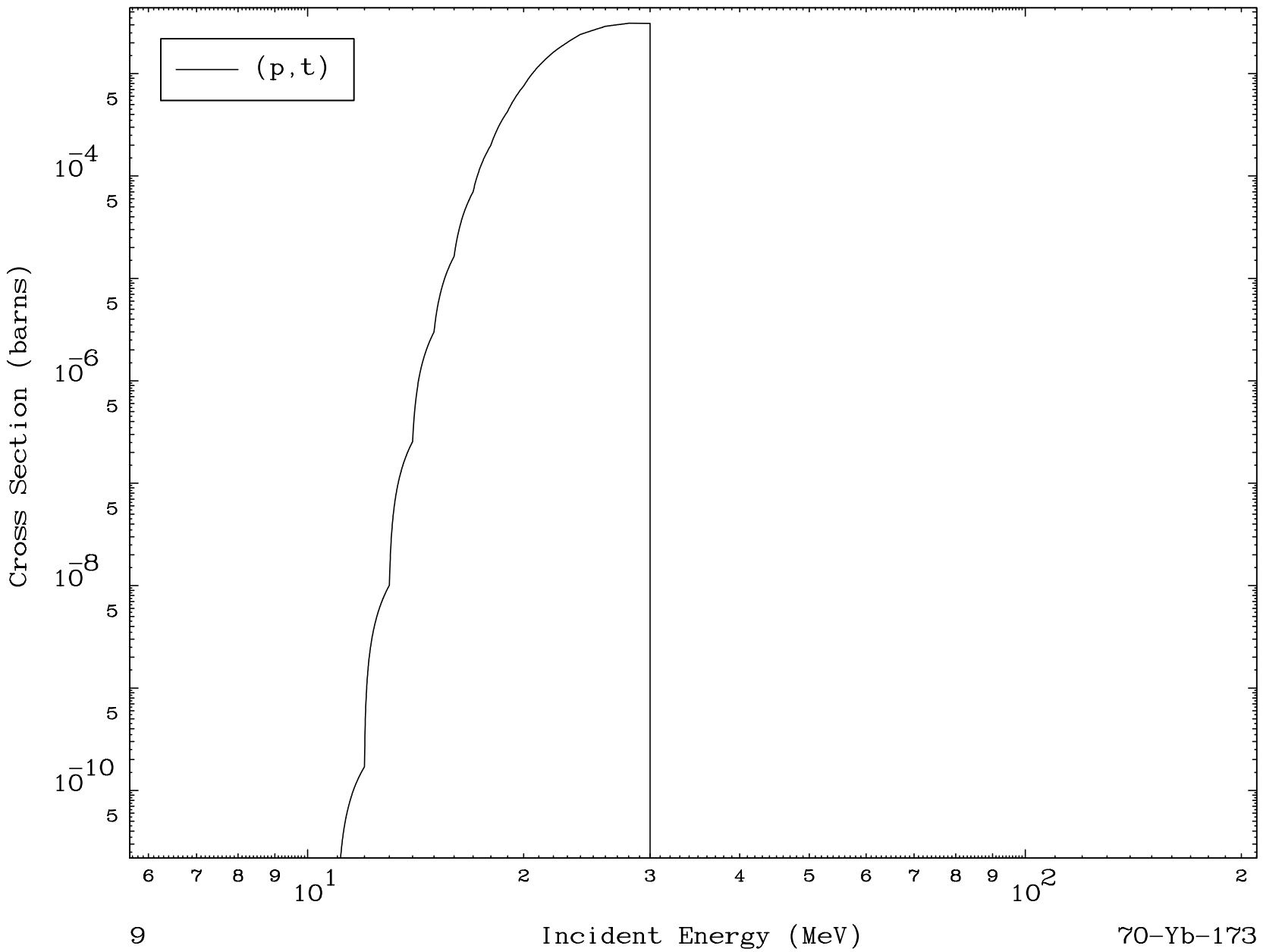

MAT 7040
Proton Charged Particle
0 Kelvin Cross Sections
70-Yb-173
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
4
70-Yb-173

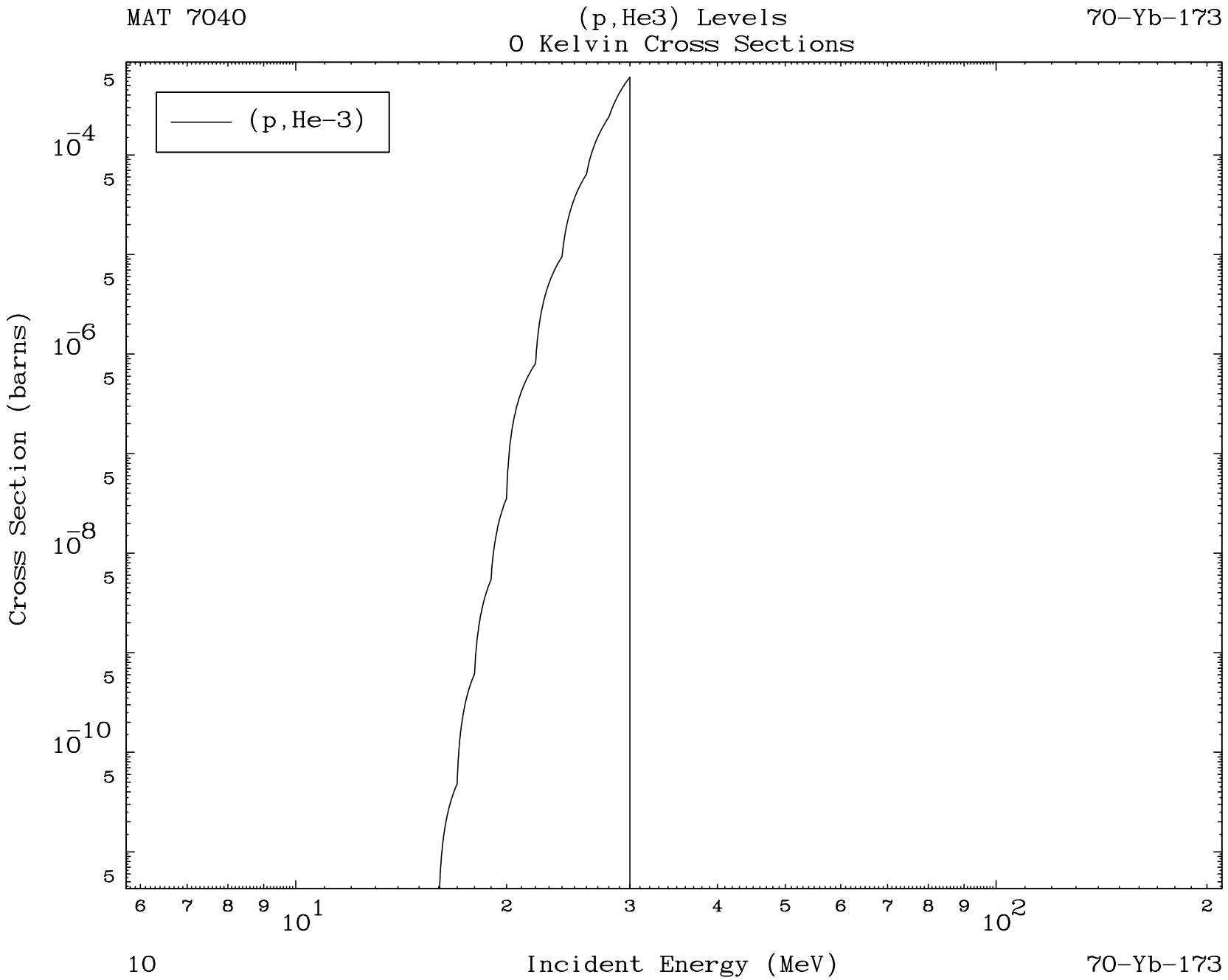

MAT 7040
Proton Charged Particle
0 Kelvin Cross Sections
70-Yb-173
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
70-Yb-173

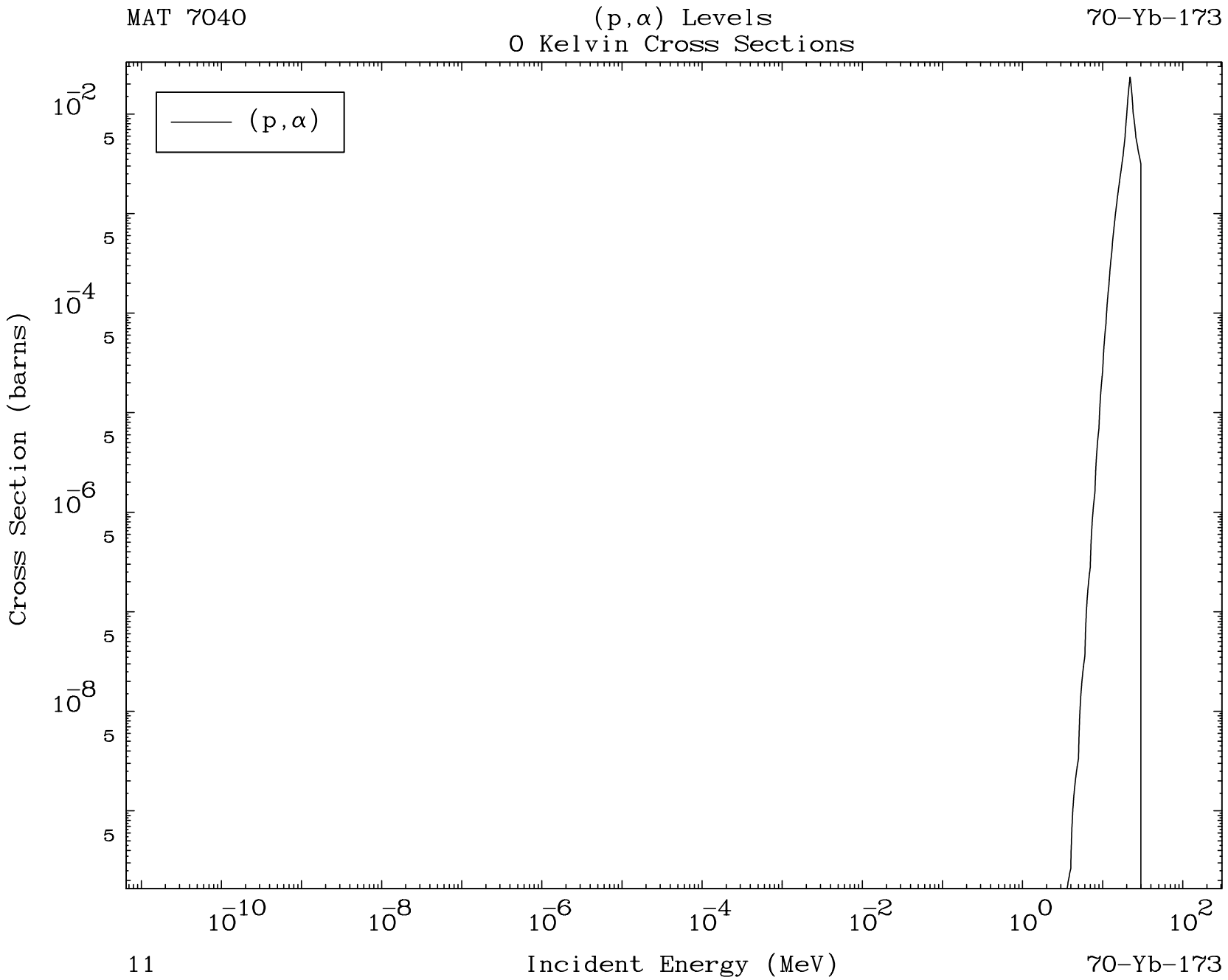

MAT 7040
(p,n') Level
70-Yb-173
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
6
70-Yb-173

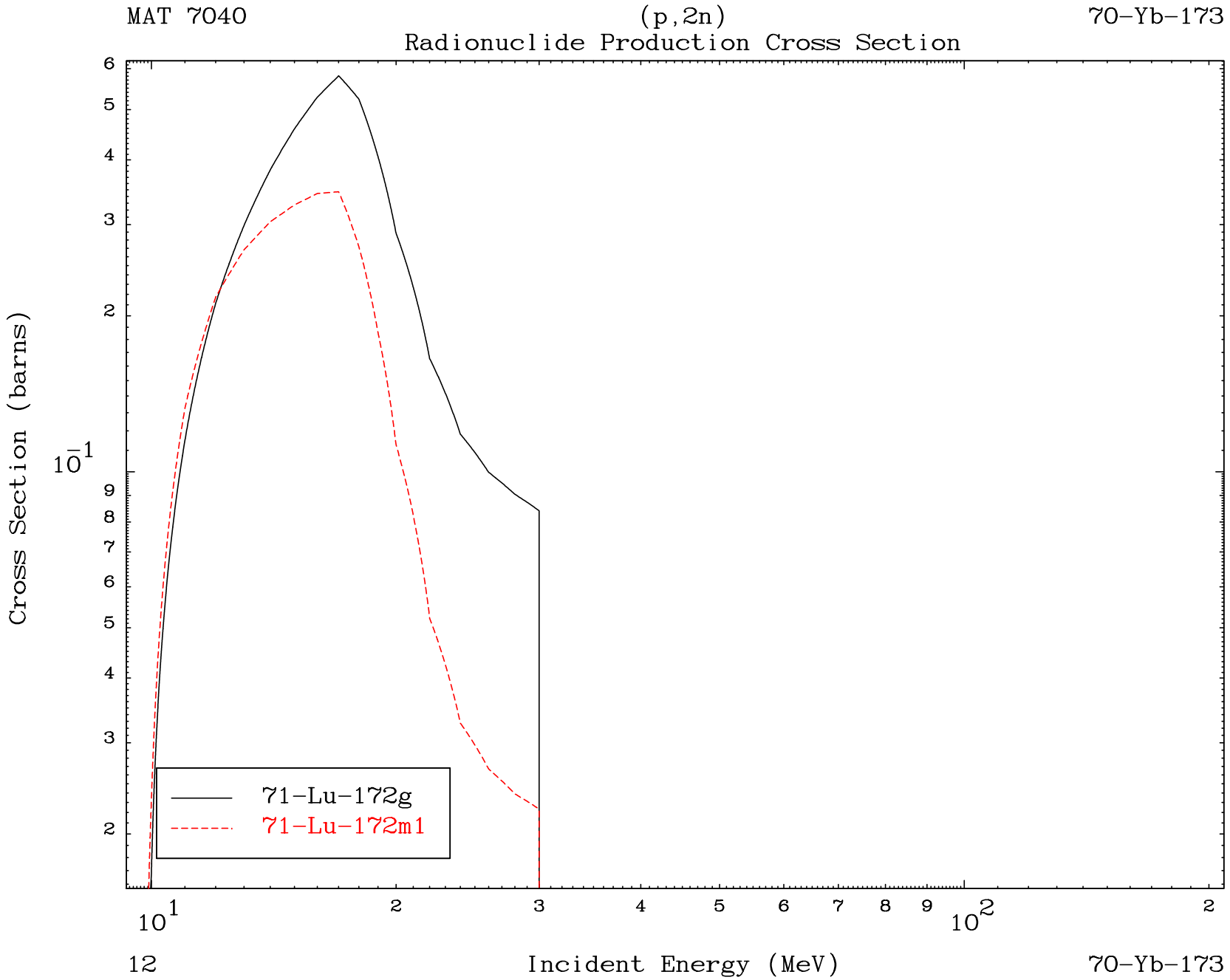

MAT 7040
(p,p) Levels
70-Yb-173
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
70-Yb-173

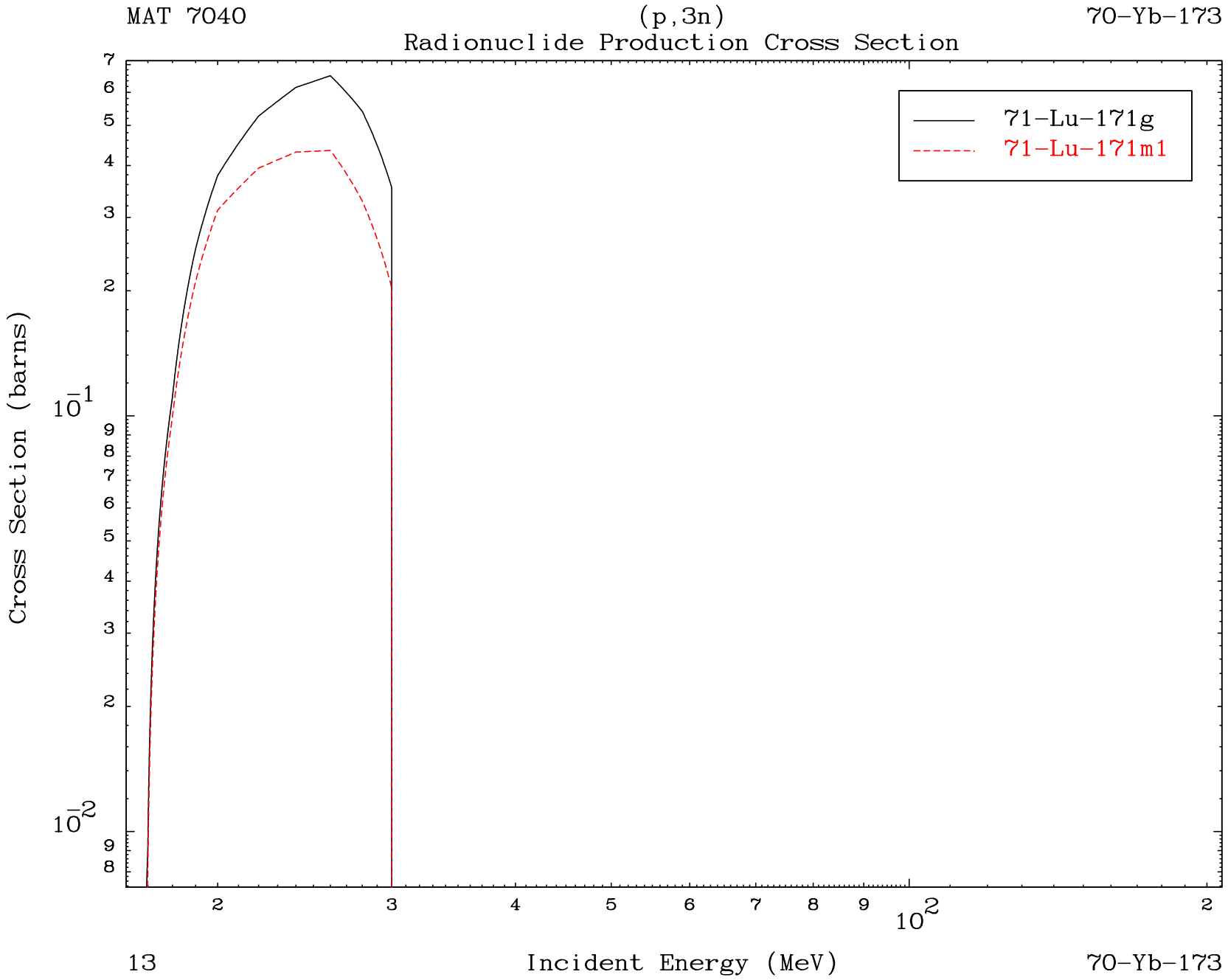

0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

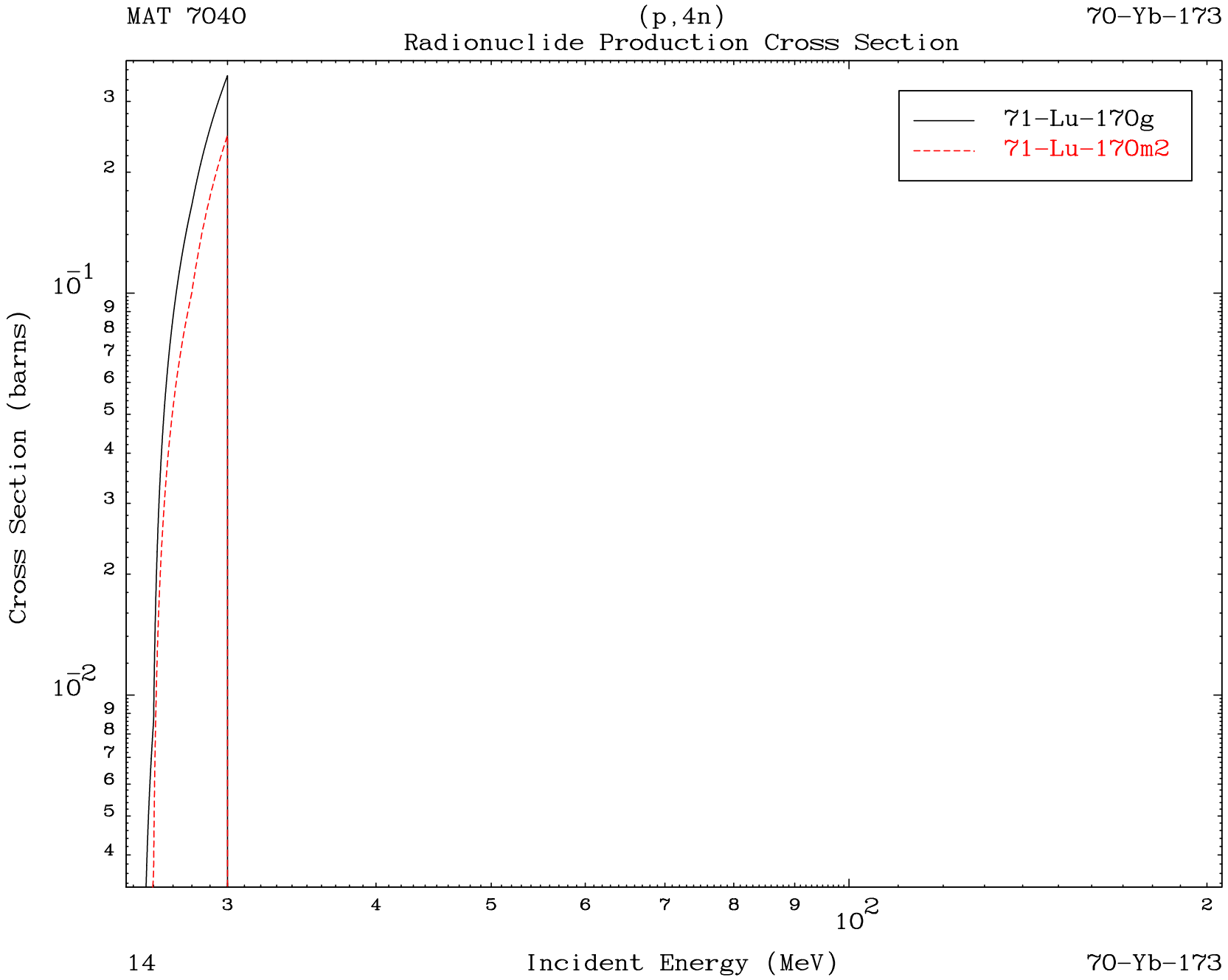

0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

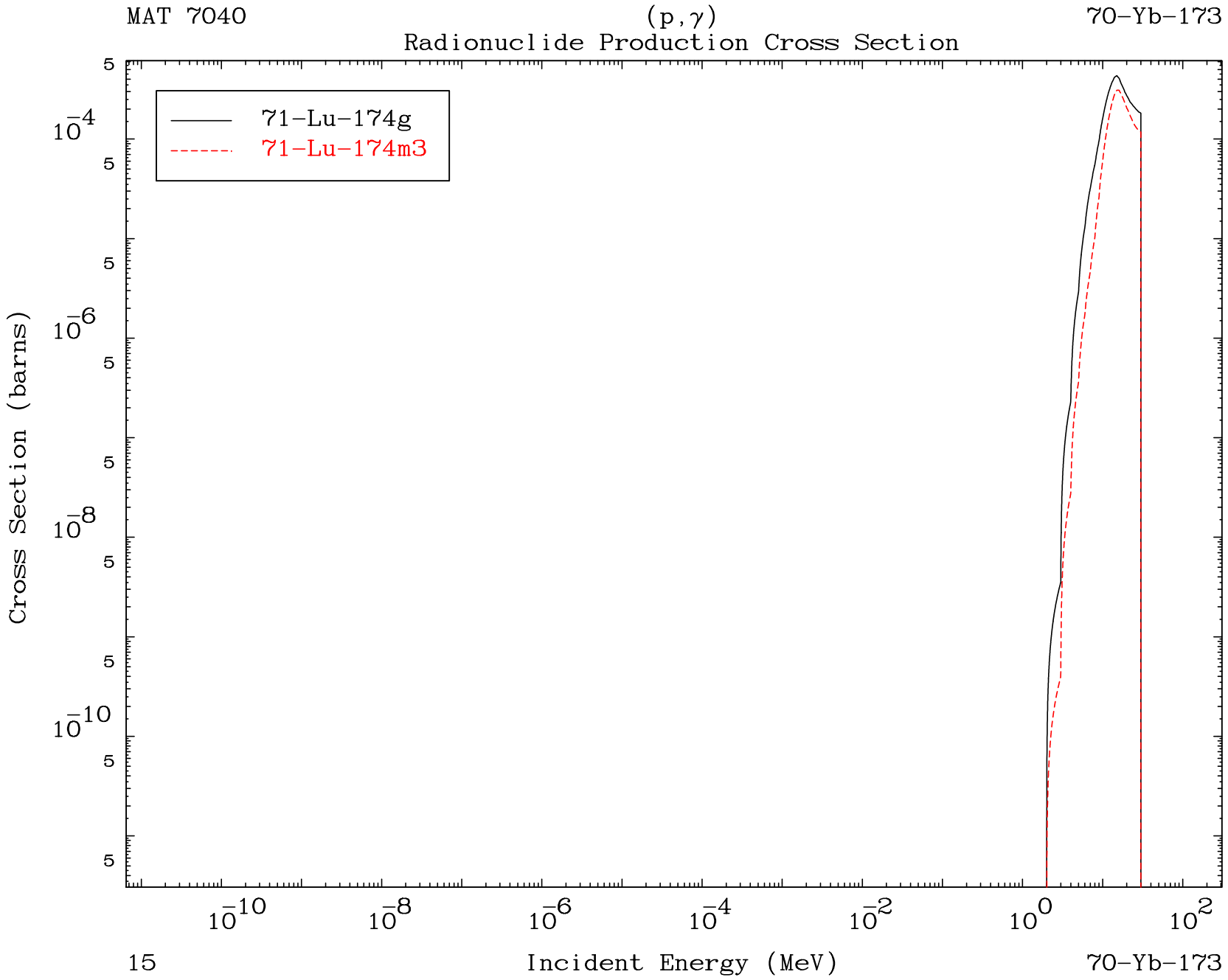

MAT 7040
(p,He3) Levels
70-Yb-173
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
70-Yb-173

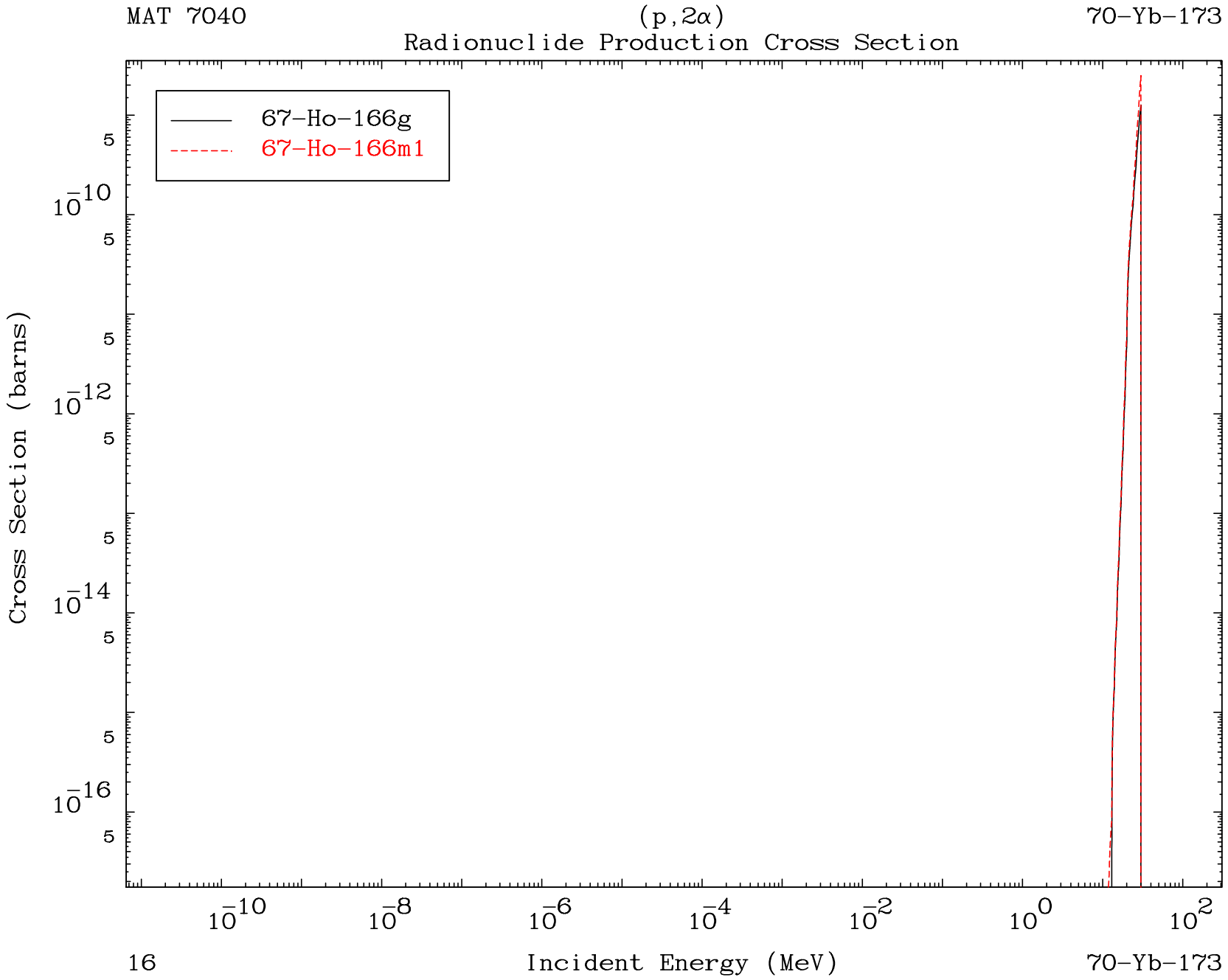

MAT 7040
(p,α) Levels
70-Yb-173
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
70-Yb-173


MAT 7040
(p,2n)
70-Yb-173
Radionuclide Production Cross Section
Cross Section (barns)
10^{-1}
6
5
4
3
2
9
8
7
6
5
4
3
2
71-Lu-172g
71-Lu-172m1
10^{1}
2
3
4
5
6
7
8
9
10^{2}
2
12
Incident Energy (MeV)
70-Yb-173


MAT 7040
(p,3n)
70-Yb-173
Radionuclide Production Cross Section
71-Lu-171g
71-Lu-171m1
Cross Section (barns)
Incident Energy (MeV)
13
70-Yb-173


MAT 7040
(p,4n)
70-Yb-173
Radionuclide Production Cross Section
71-Lu-170g
71-Lu-170m2
Cross Section (barns)
Incident Energy (MeV)
14
70-Yb-173


MAT 7040
(p,γ)
70-Yb-173
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
15
70-Yb-173


MAT 7040
(p,2α)
70-Yb-173
Radionuclide Production Cross Section
67-Ho-166g
67-Ho-166m1
Cross Section (barns)
Incident Energy (MeV)
16
70-Yb-173