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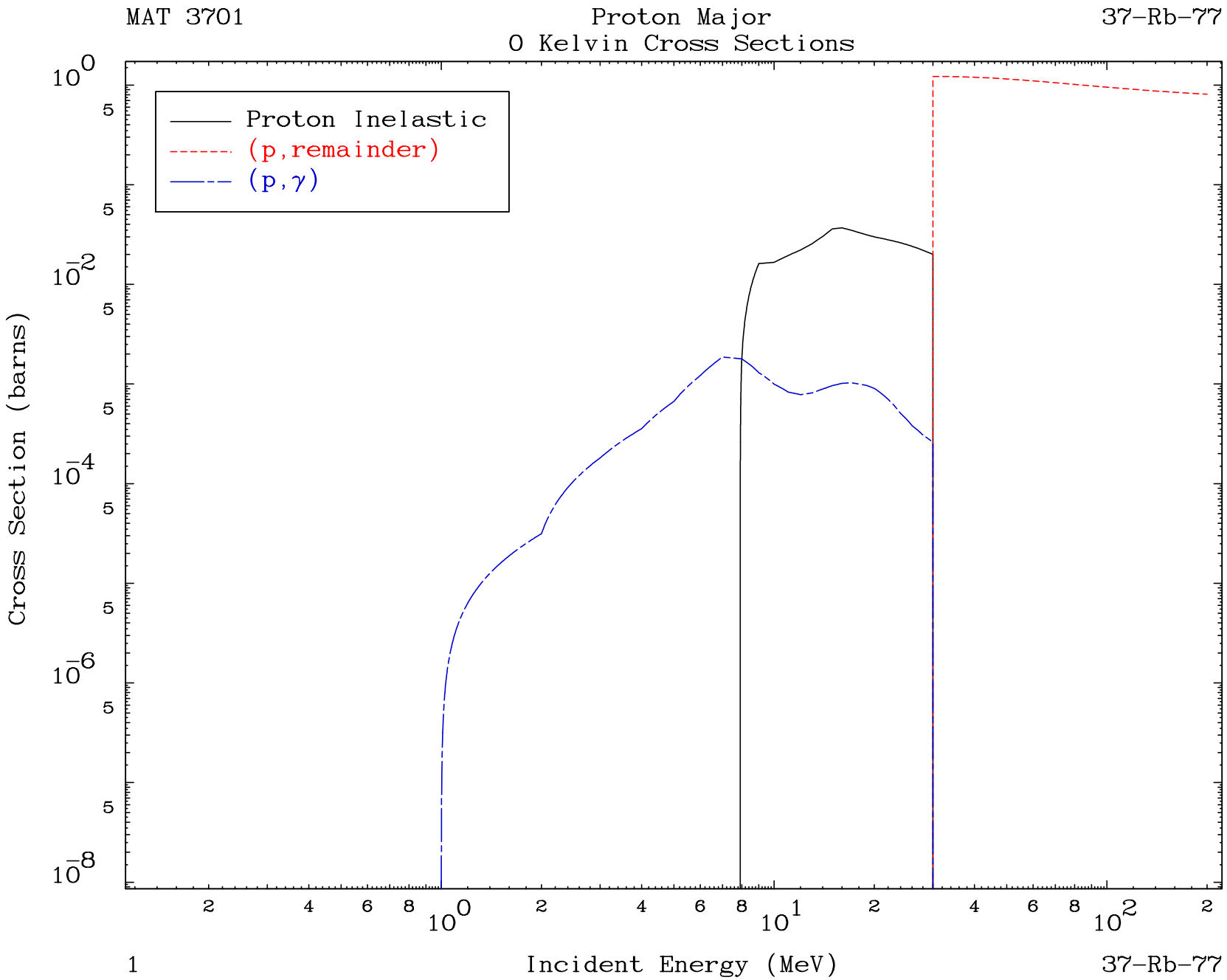
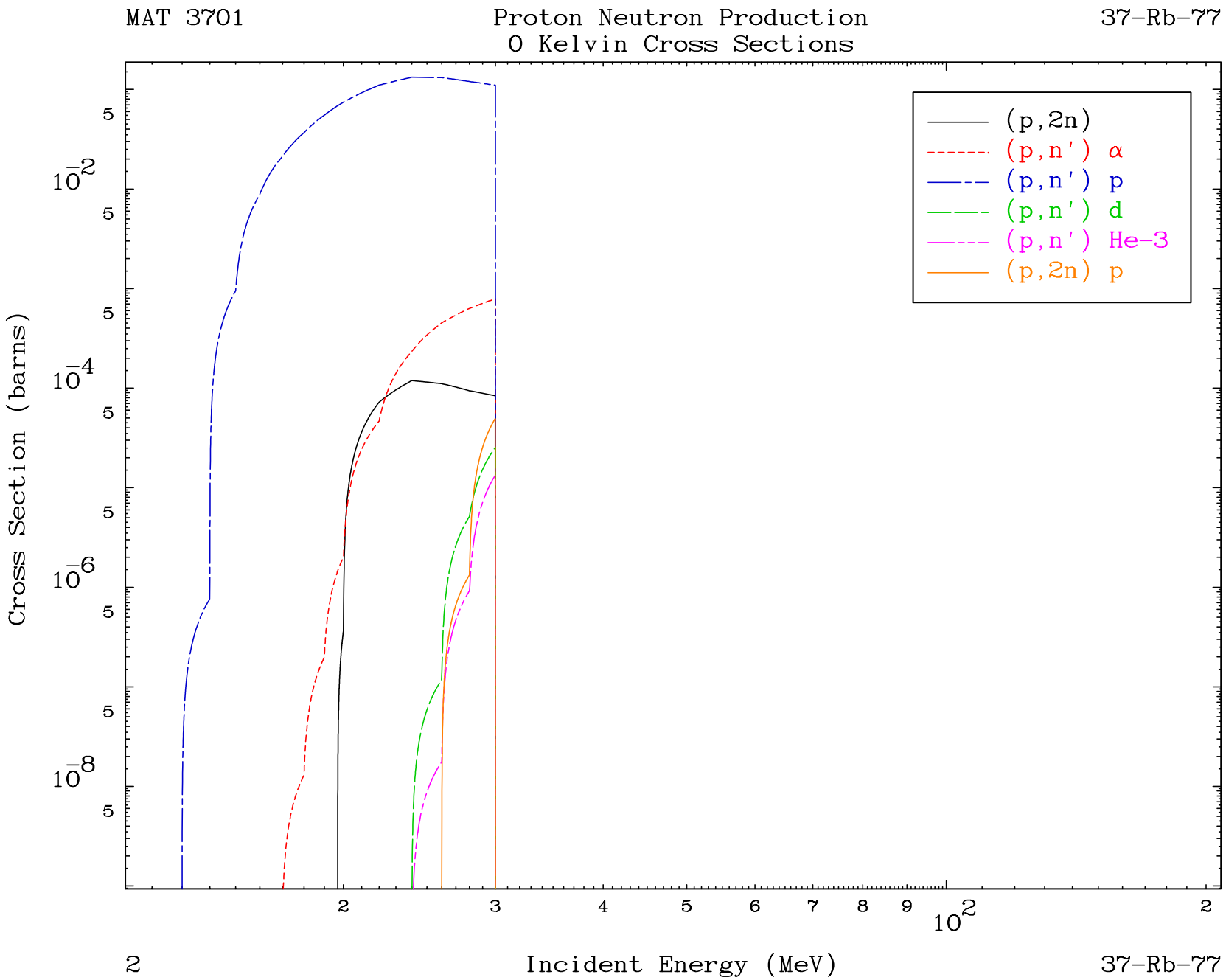
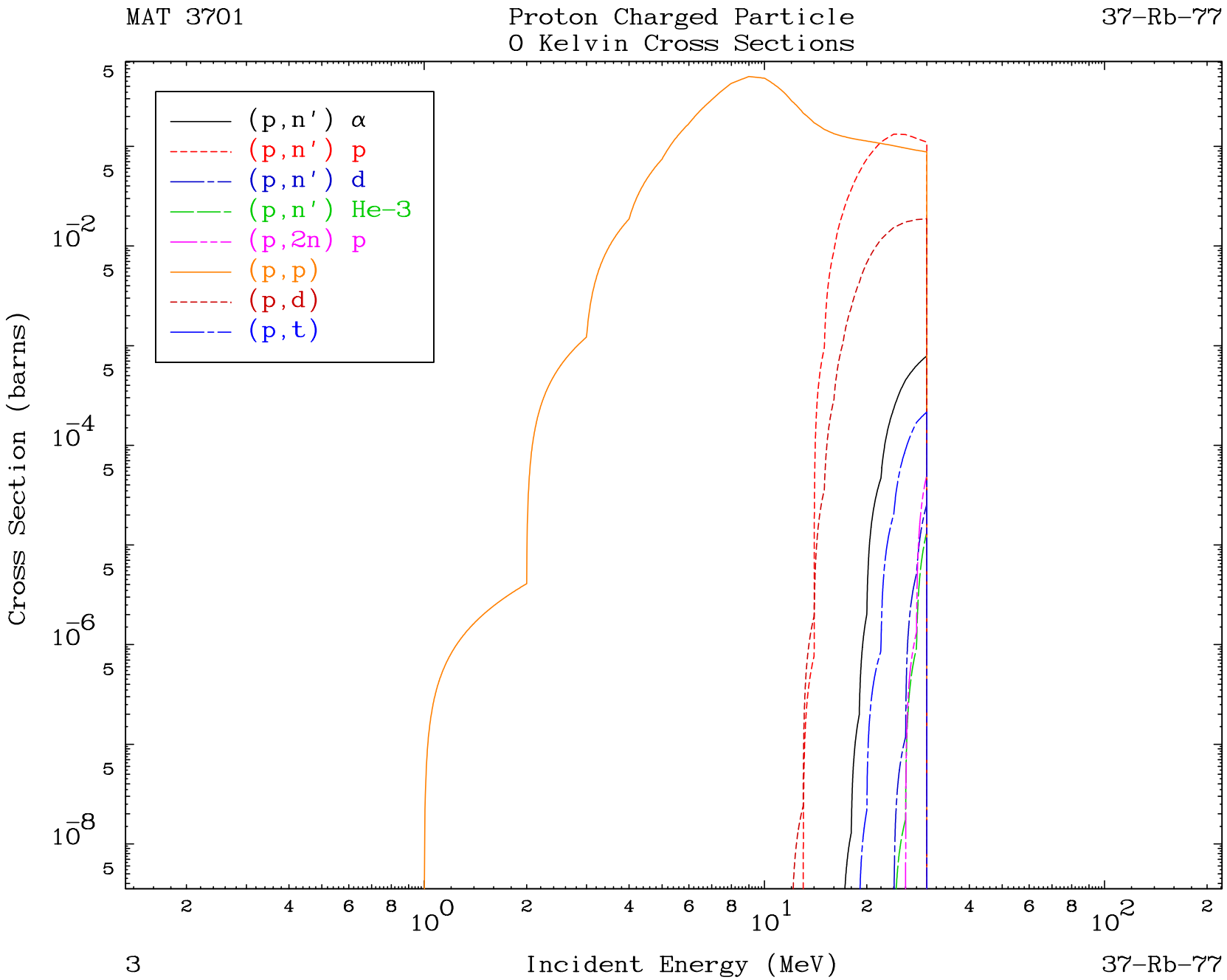
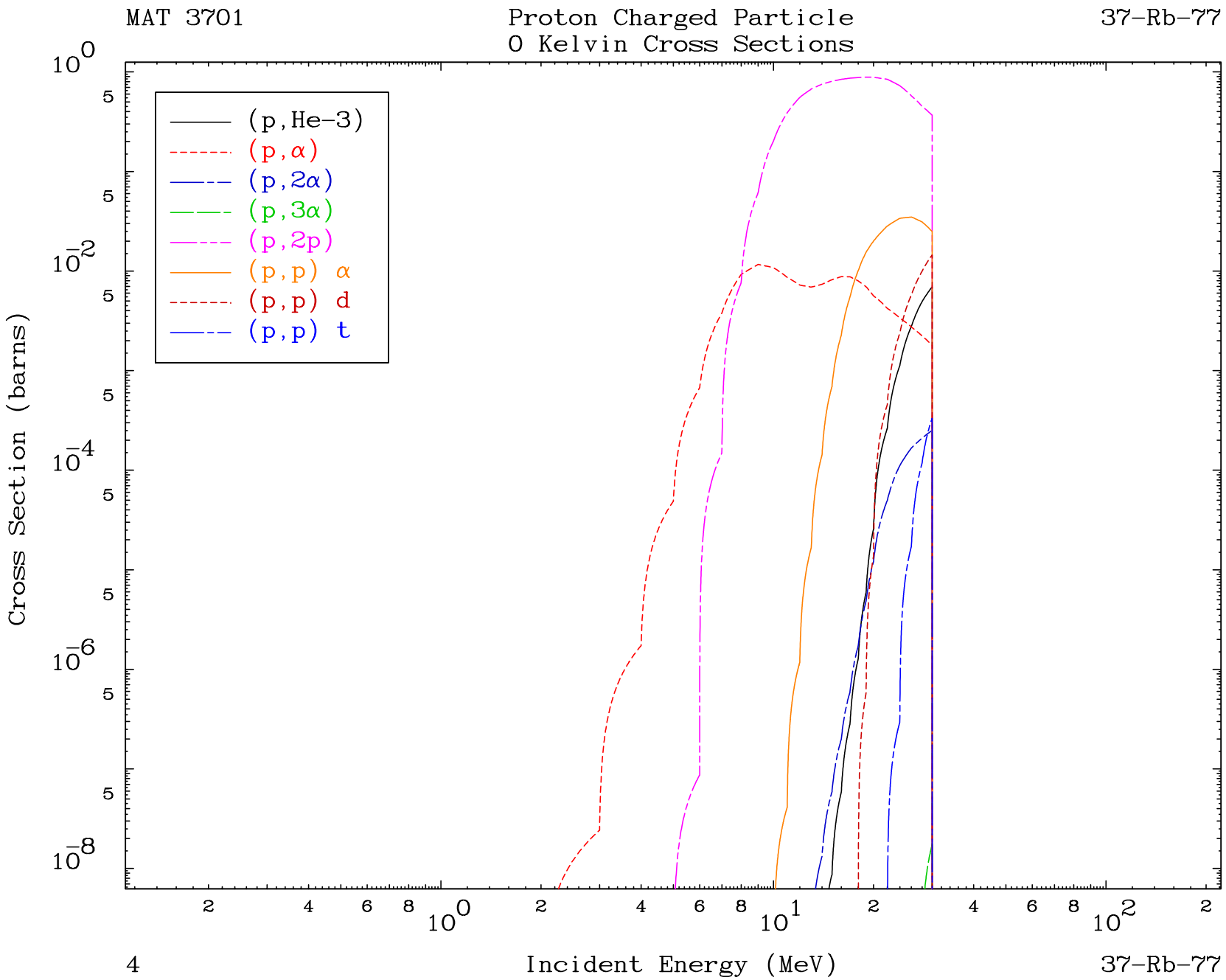
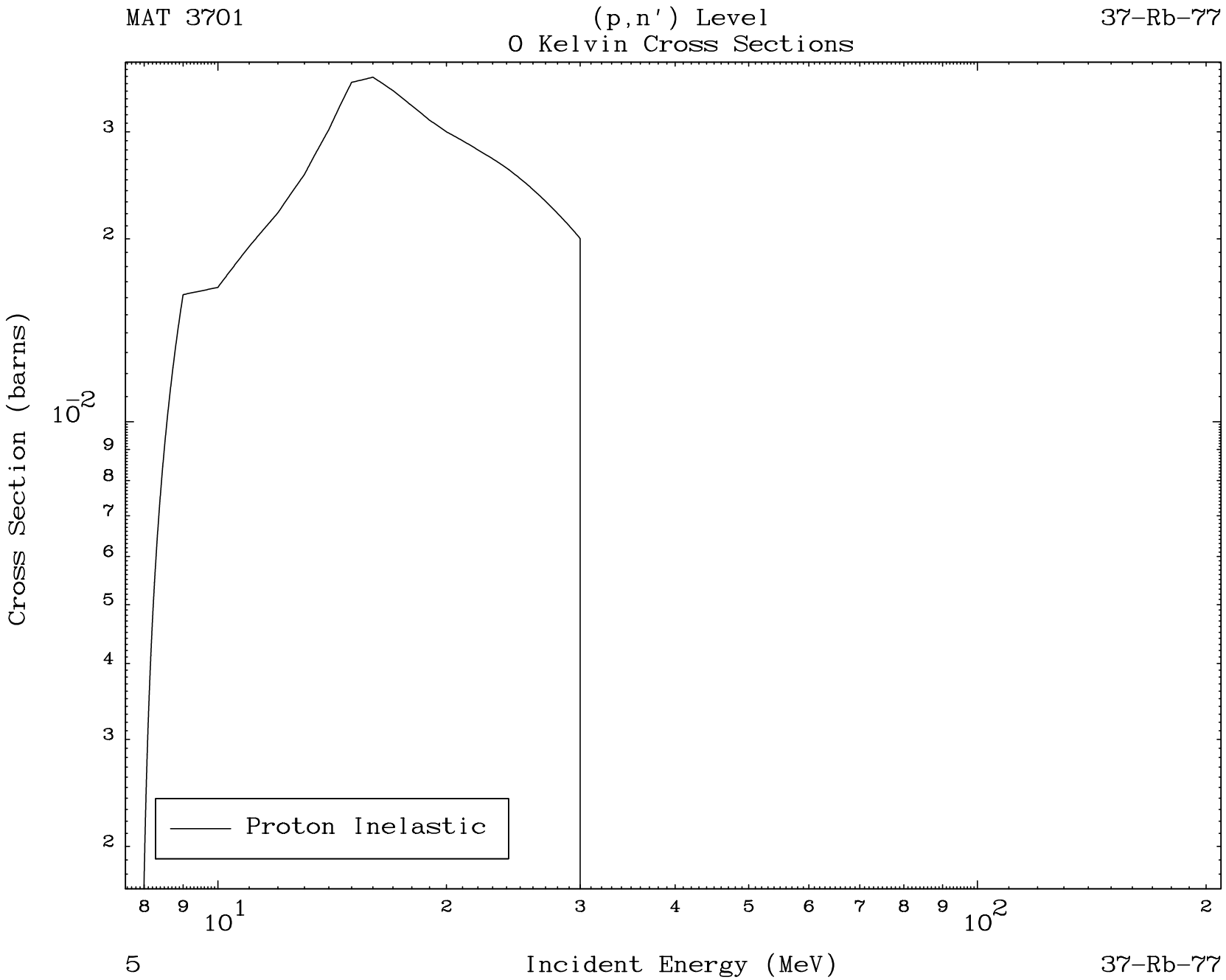
Press Mouse Button to Start

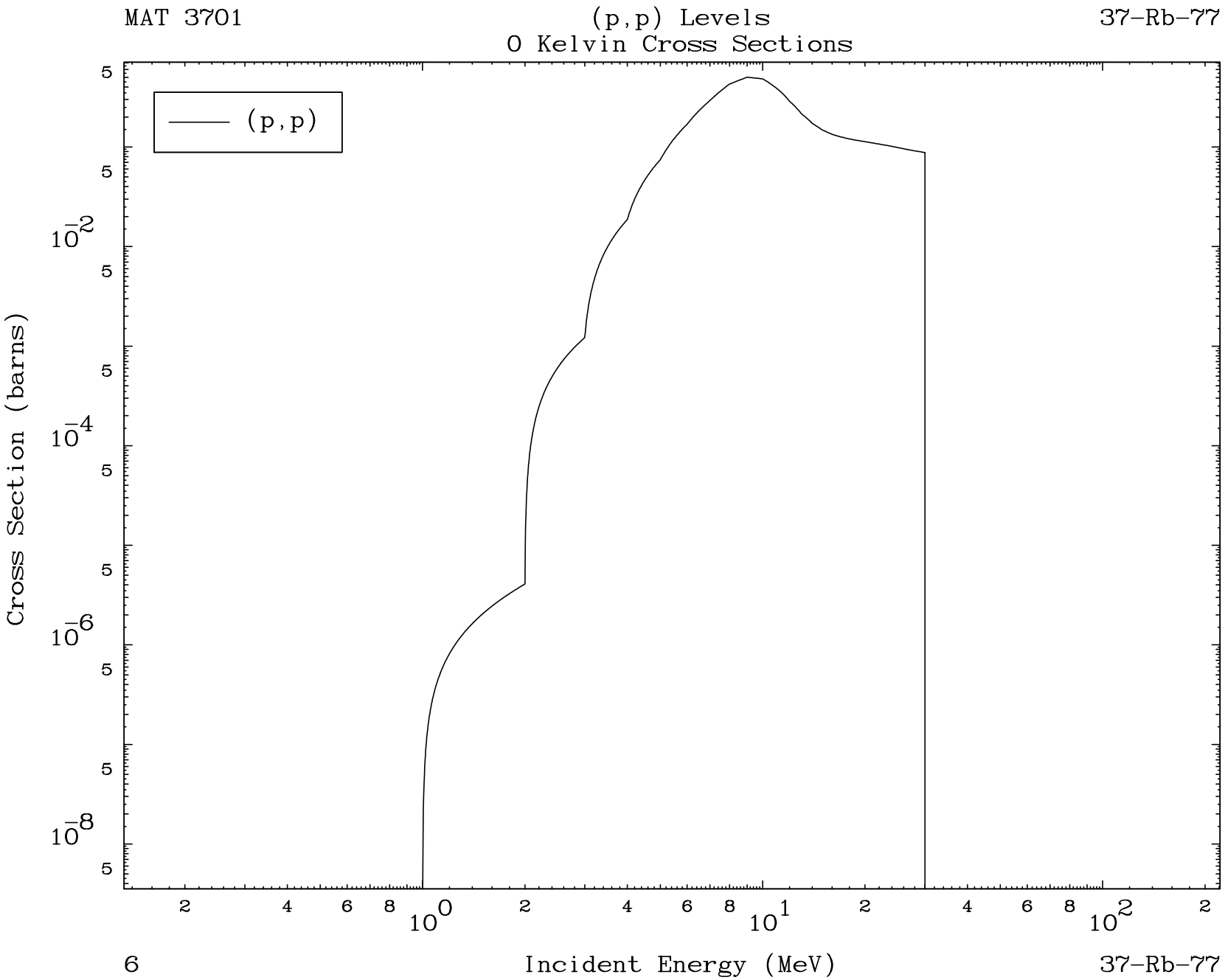

MAT 3701
Proton Major
37-Rb-77
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-77
1

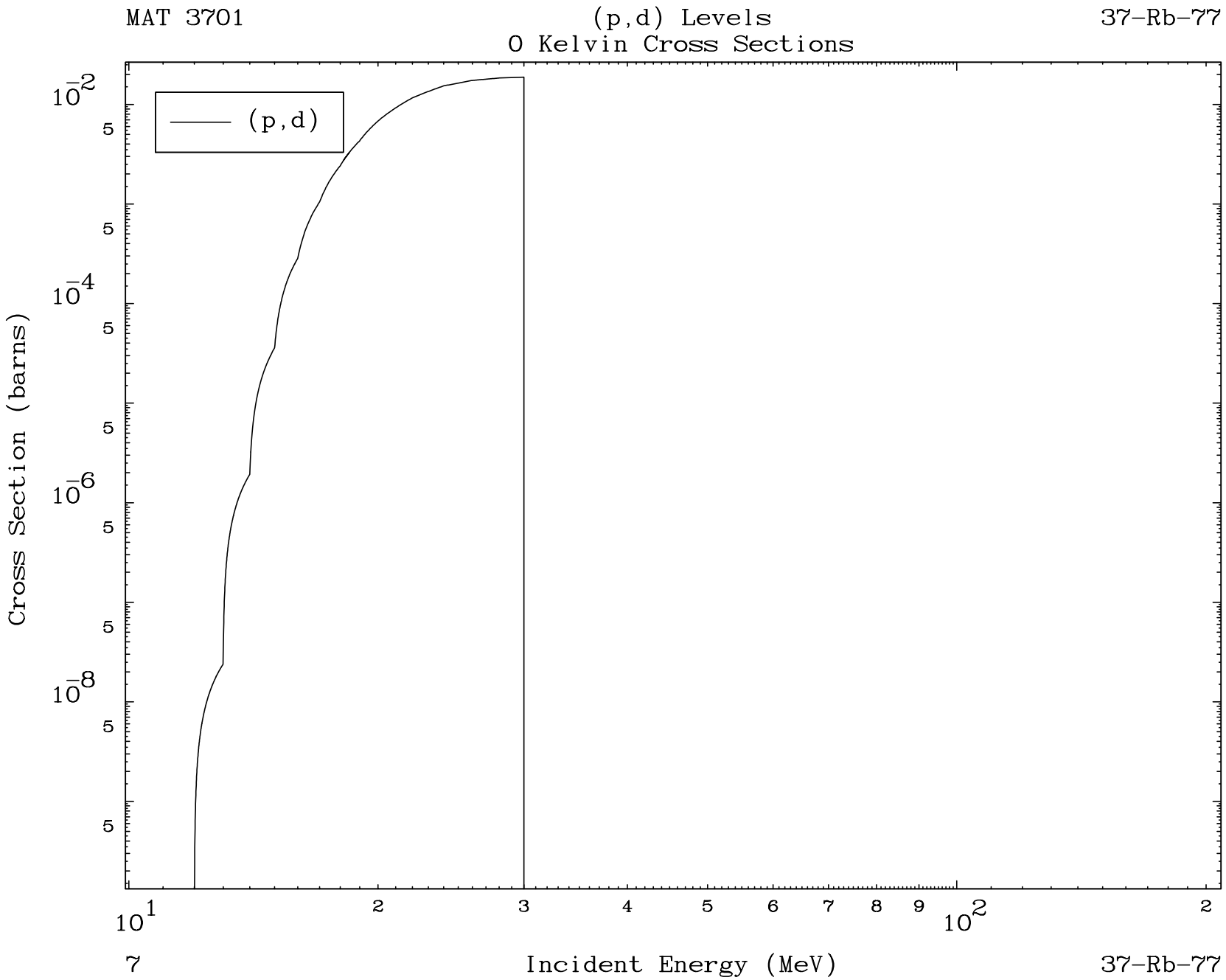

MAT 3701
Proton Neutron Production
0 Kelvin Cross Sections
37-Rb-77
(p,2n)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
37-Rb-77
2

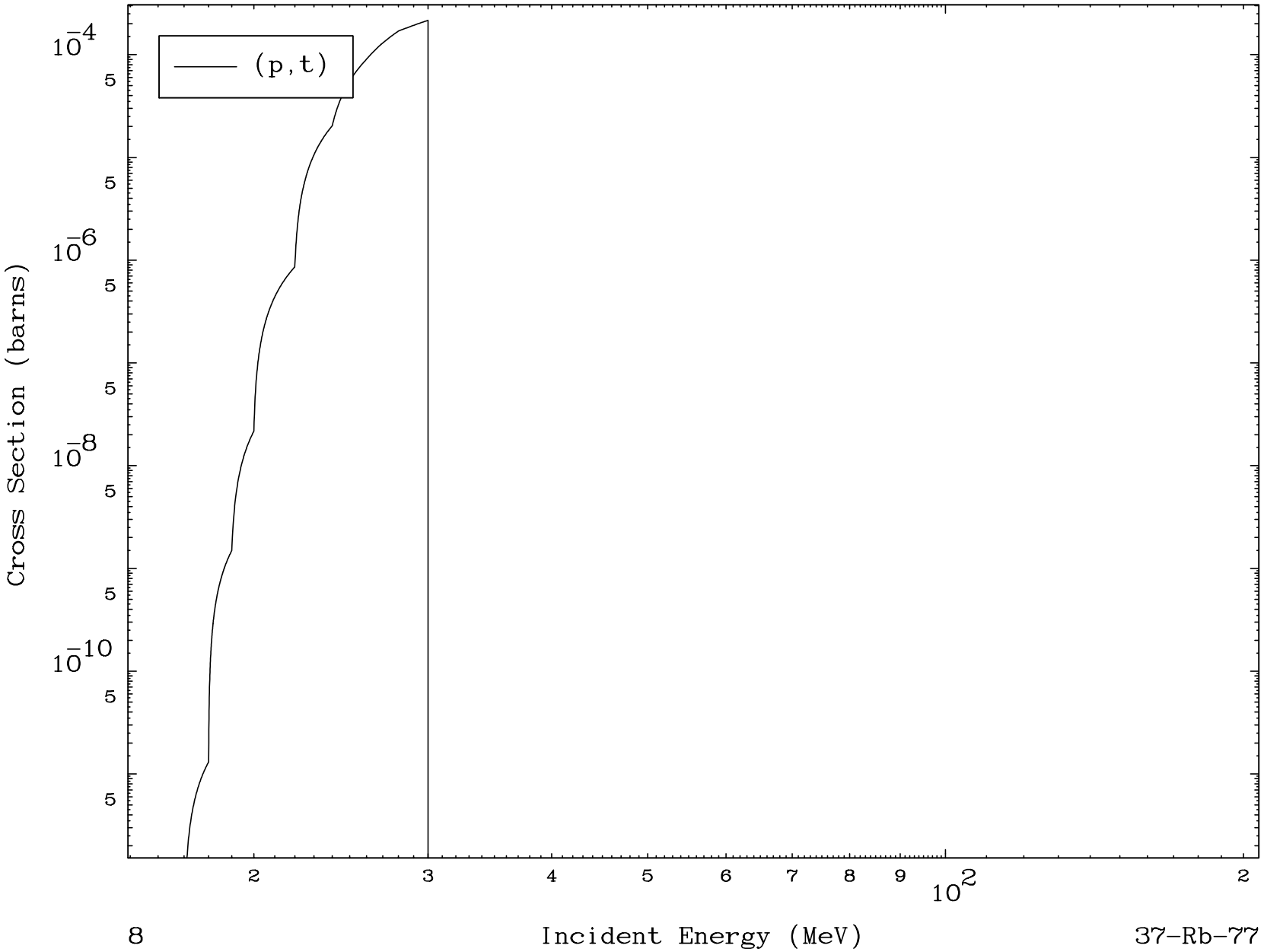

MAT 3701
Proton Charged Particle
0 Kelvin Cross Sections
37-Rb-77
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
(p,t)
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-77

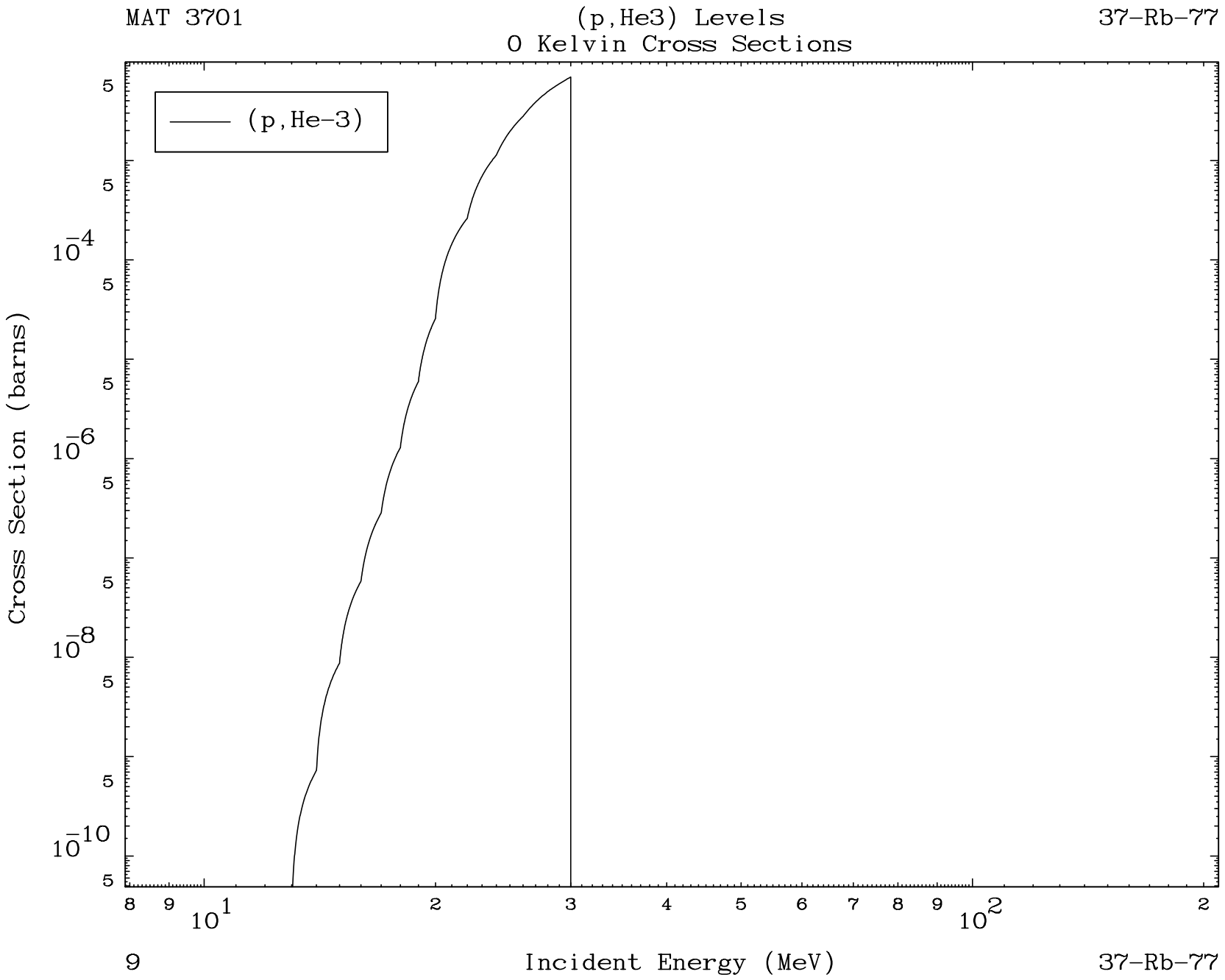

MAT 3701
Proton Charged Particle
0 Kelvin Cross Sections
37-Rb-77
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-77

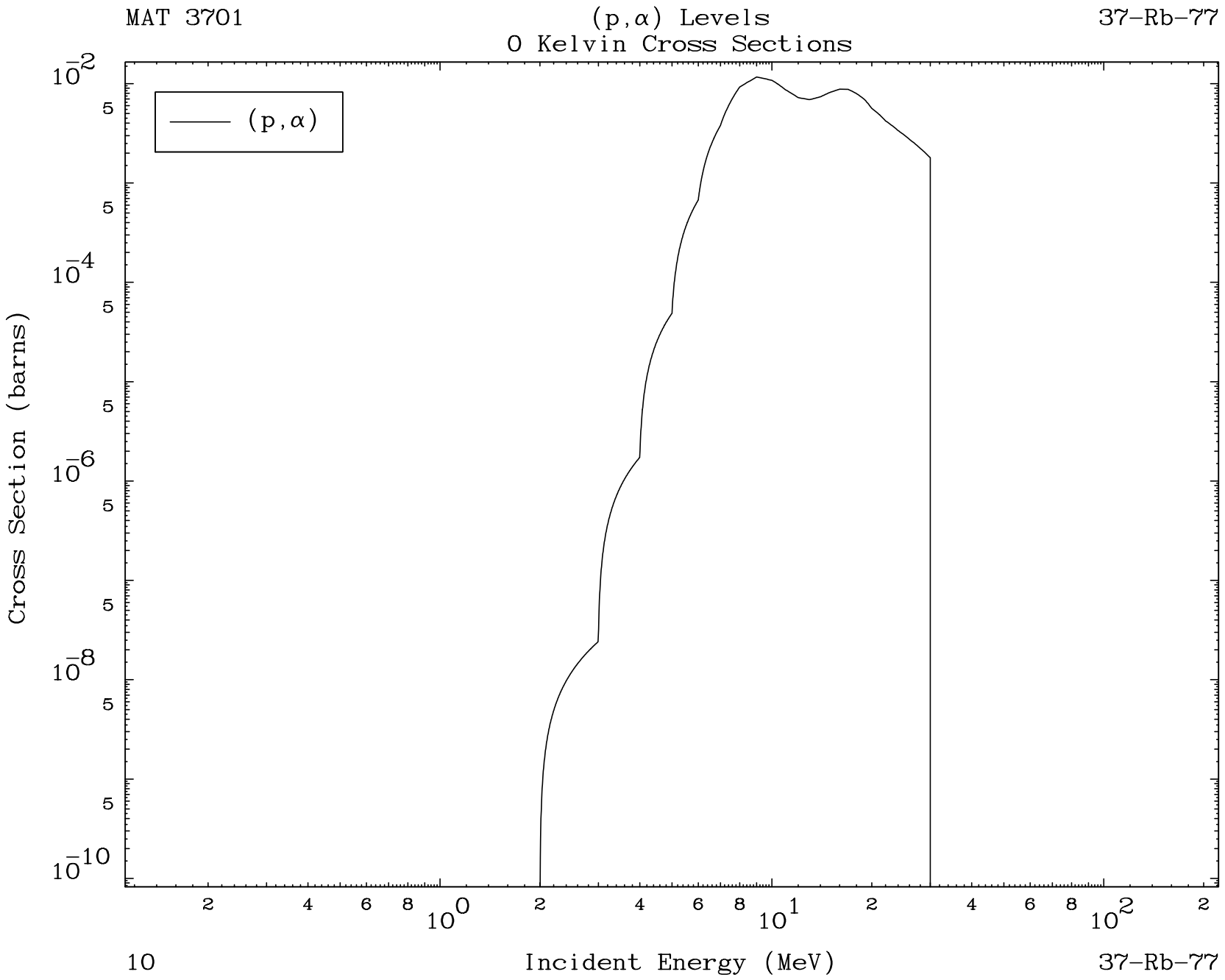

MAT 3701
(p,n') Level
37-Rb-77
0 Kelvin Cross Sections
Cross Section (barns)
10^2
3
2
9
8
7
6
5
4
3
2
Proton Inelastic
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
5
Incident Energy (MeV)
37-Rb-77

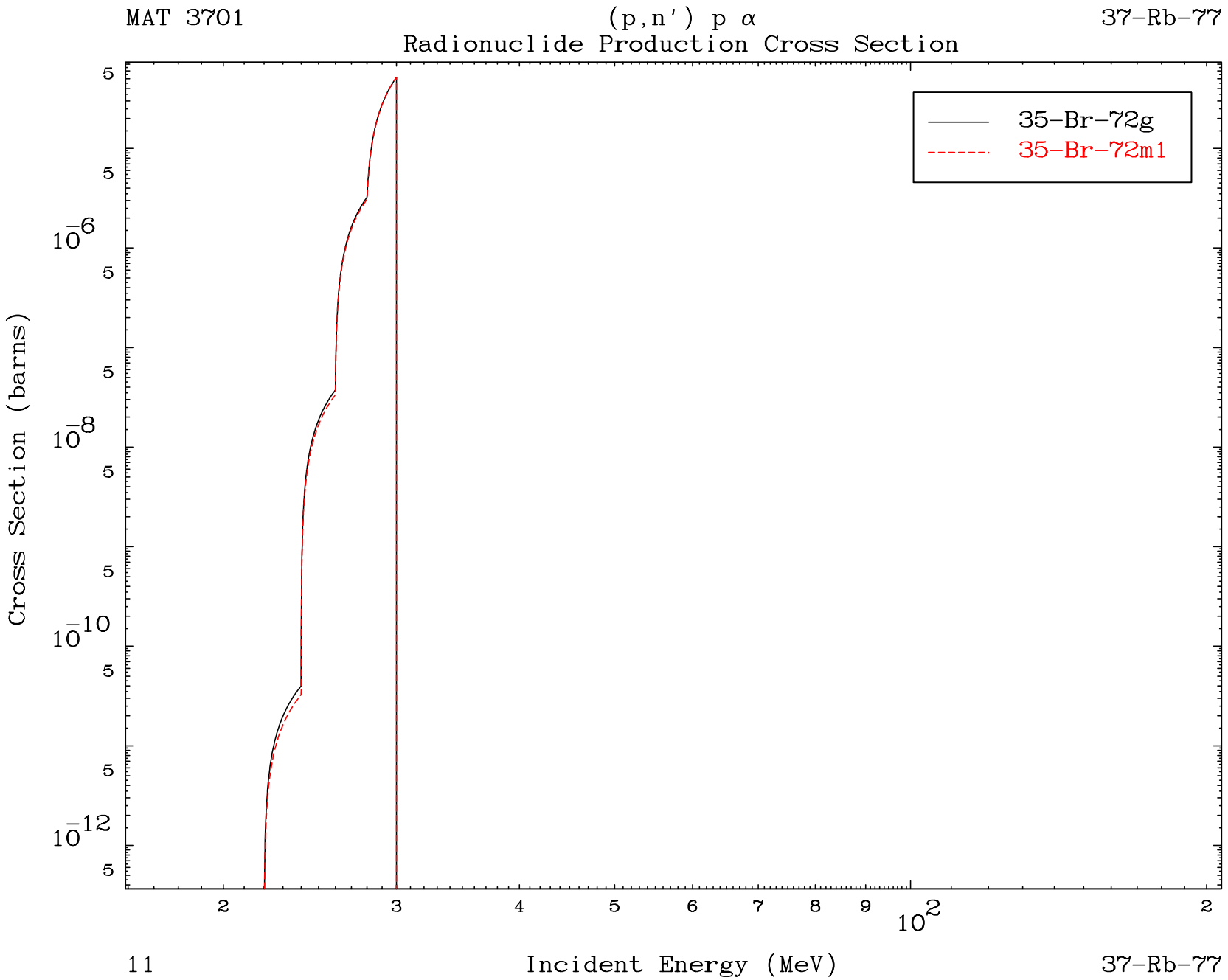

MAT 3701
(p,p) Levels
37-Rb-77
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-77

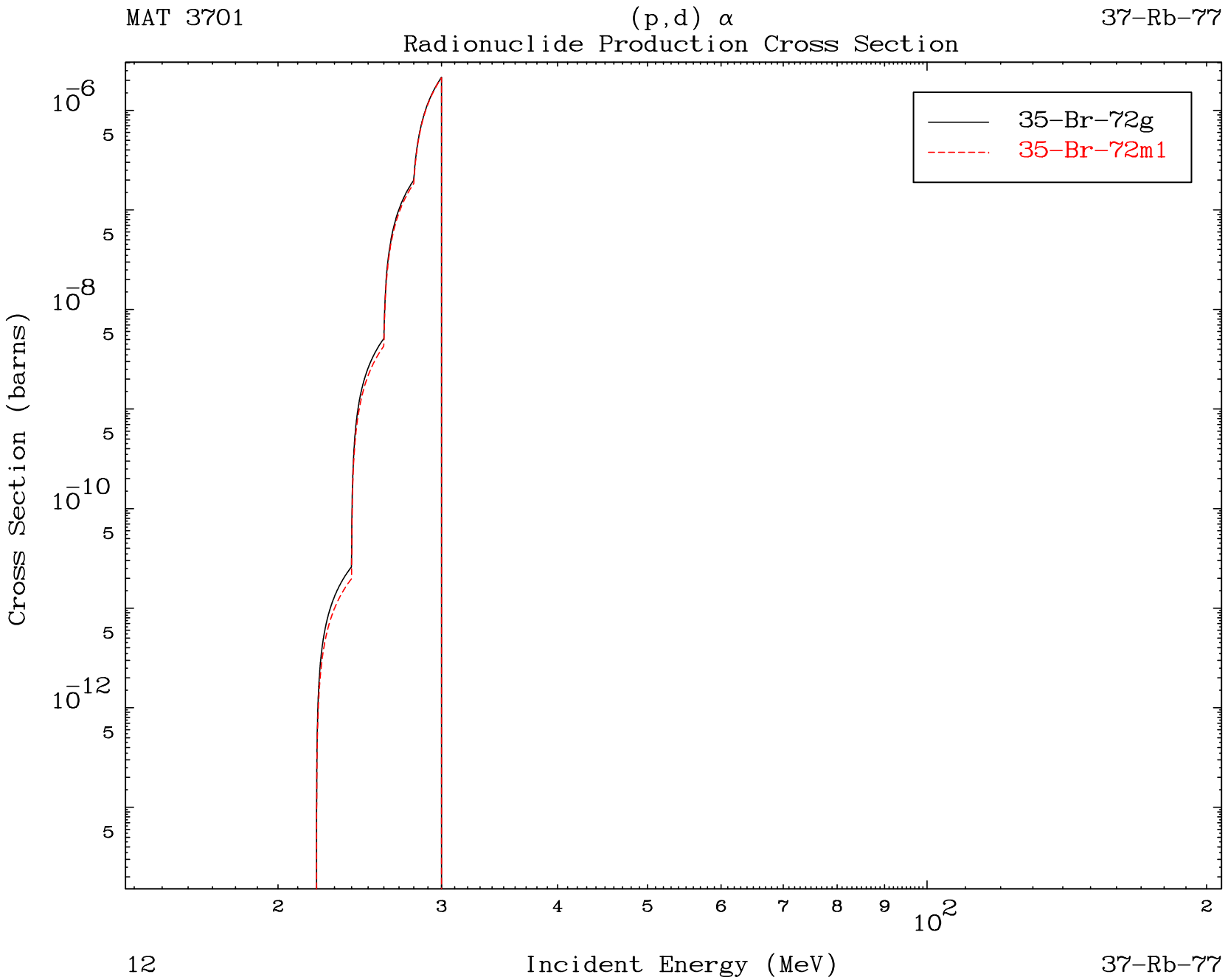

MAT 3701
(p,d) Levels
37-Rb-77
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
37-Rb-77


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)


MAT 3701
(p,He3) Levels
37-Rb-77
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-77
9


MAT 3701
(p,α) Levels
37-Rb-77
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-77


MAT 3701
(p,n') p α
37-Rb-77
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
11
37-Rb-77


MAT 3701
(p,d) α
37-Rb-77
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
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)
37-Rb-77