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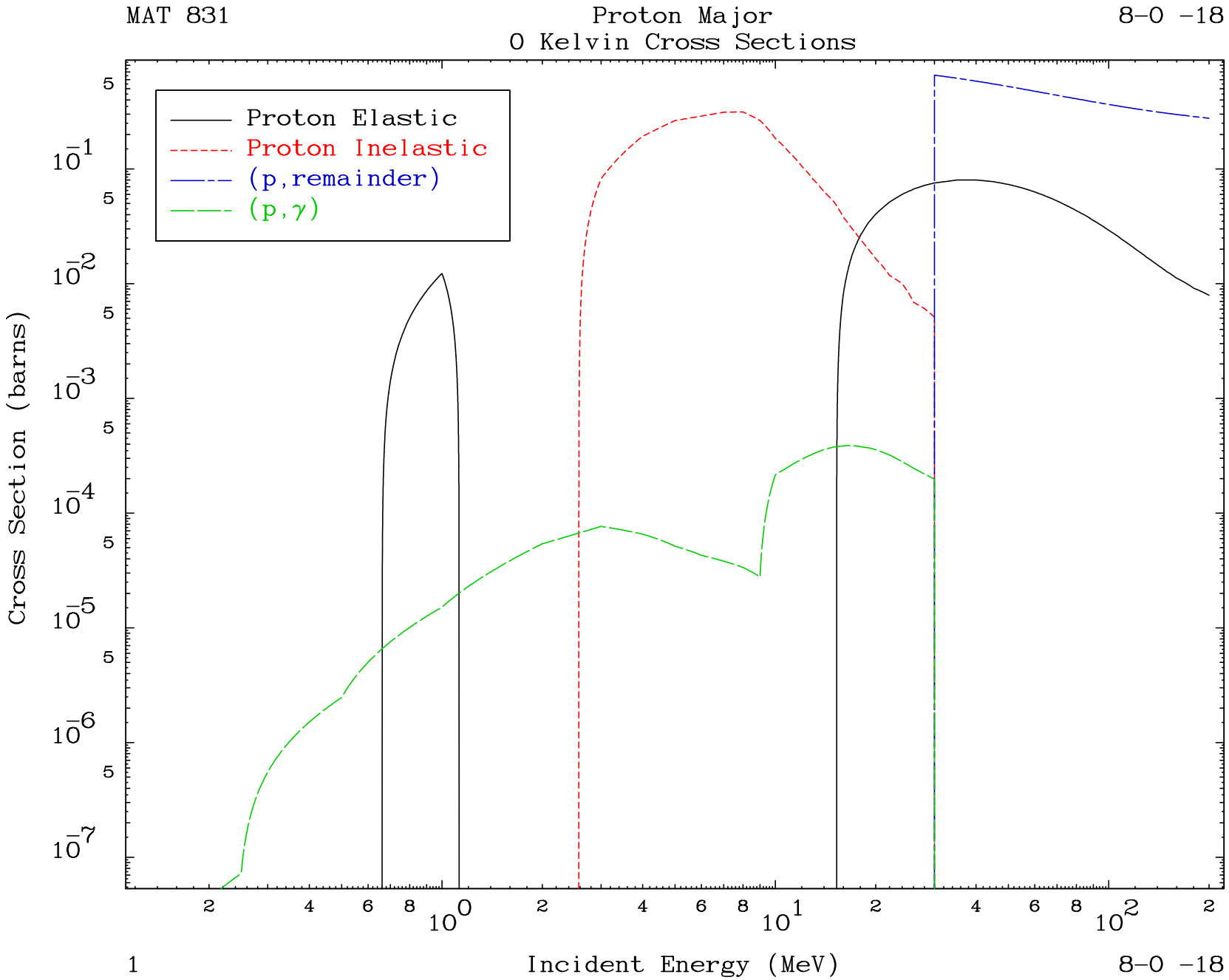
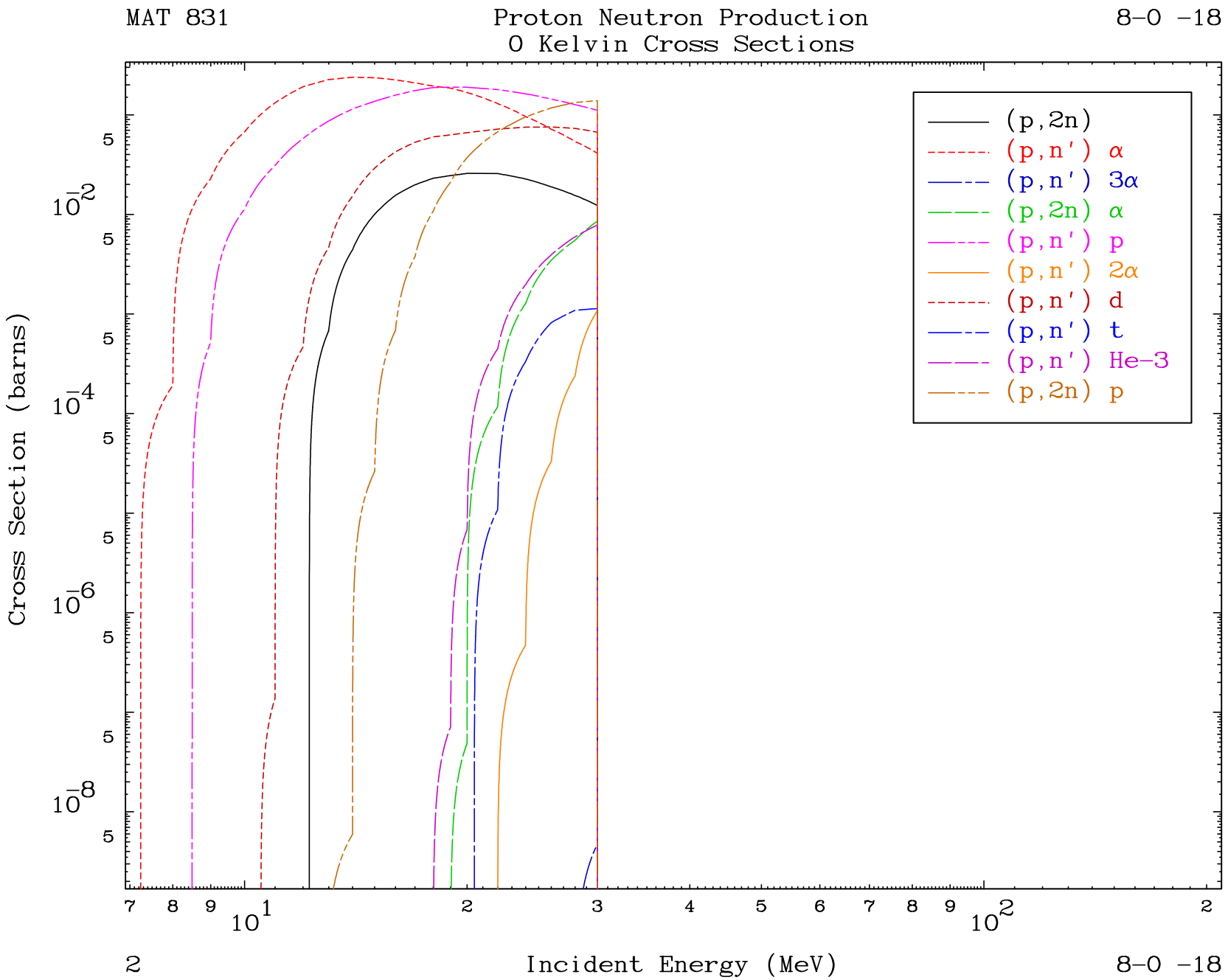
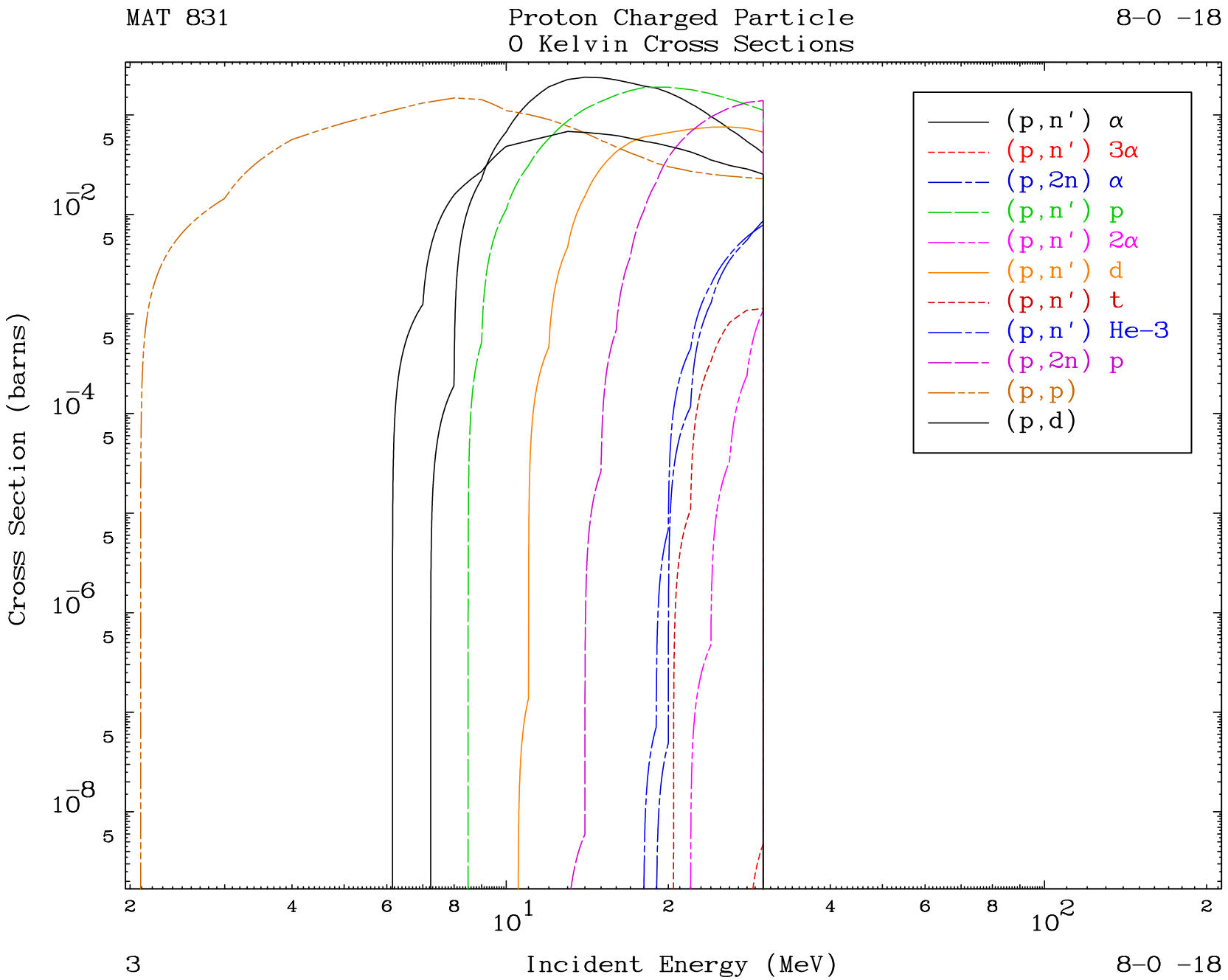
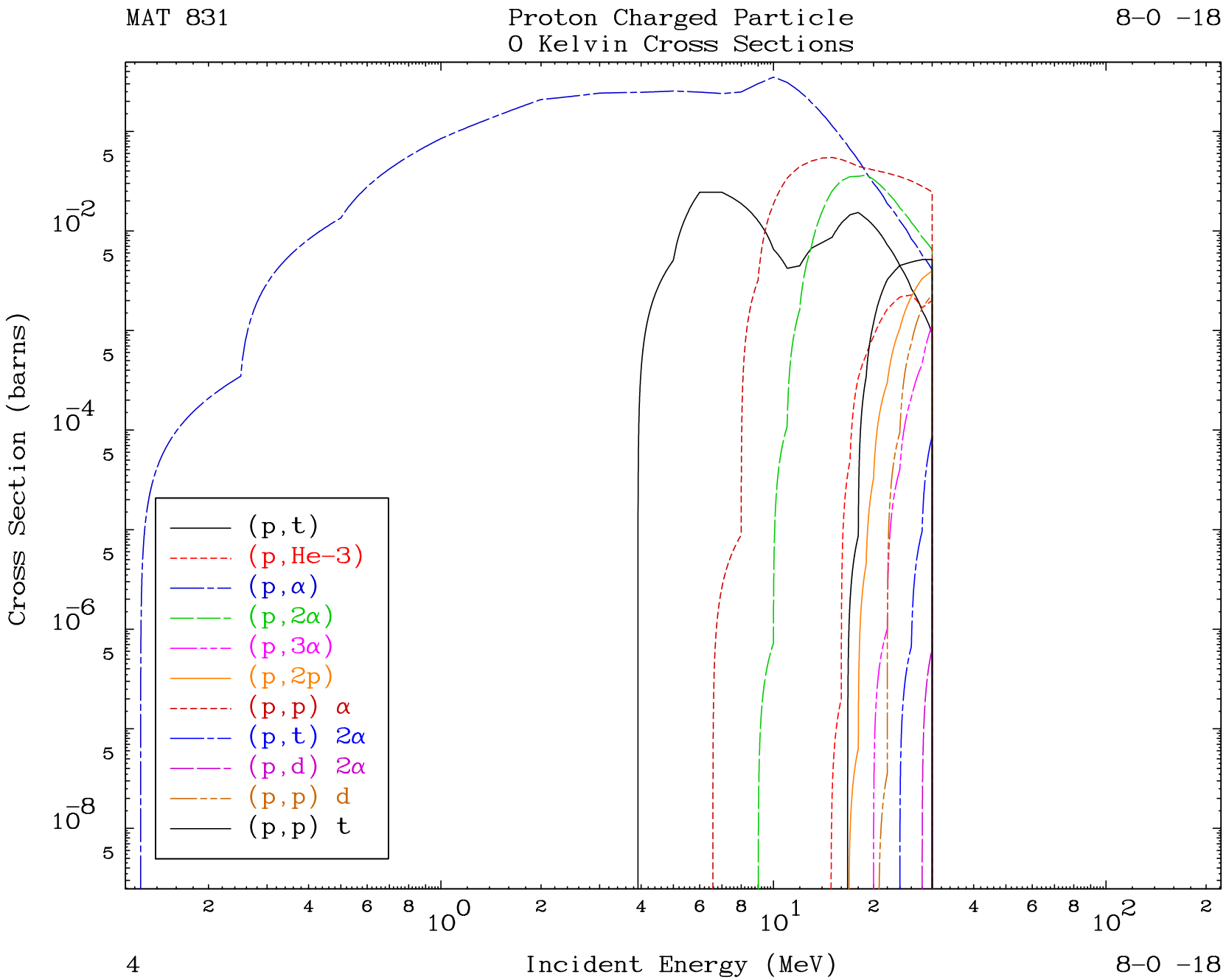
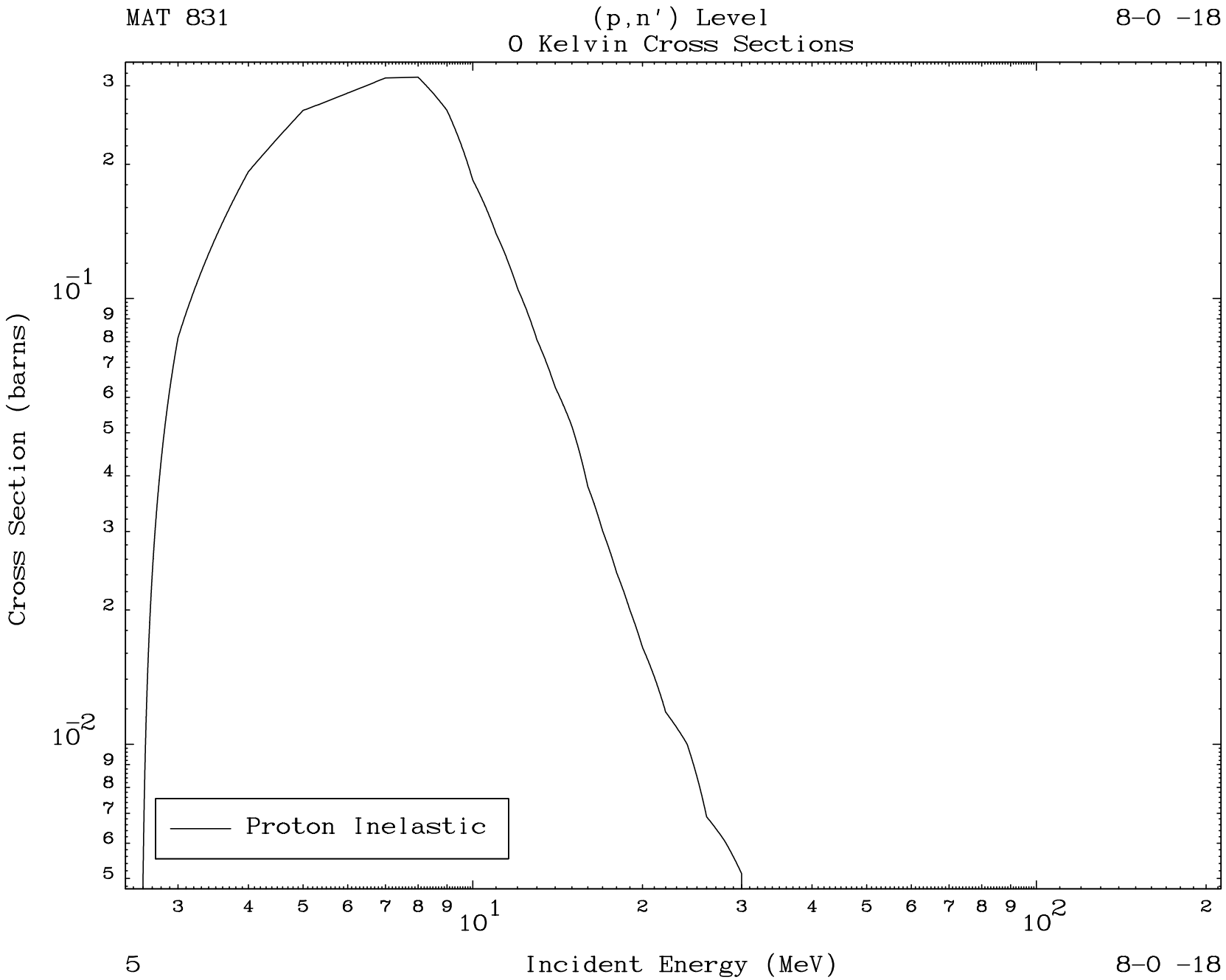
Press Mouse Button to Start

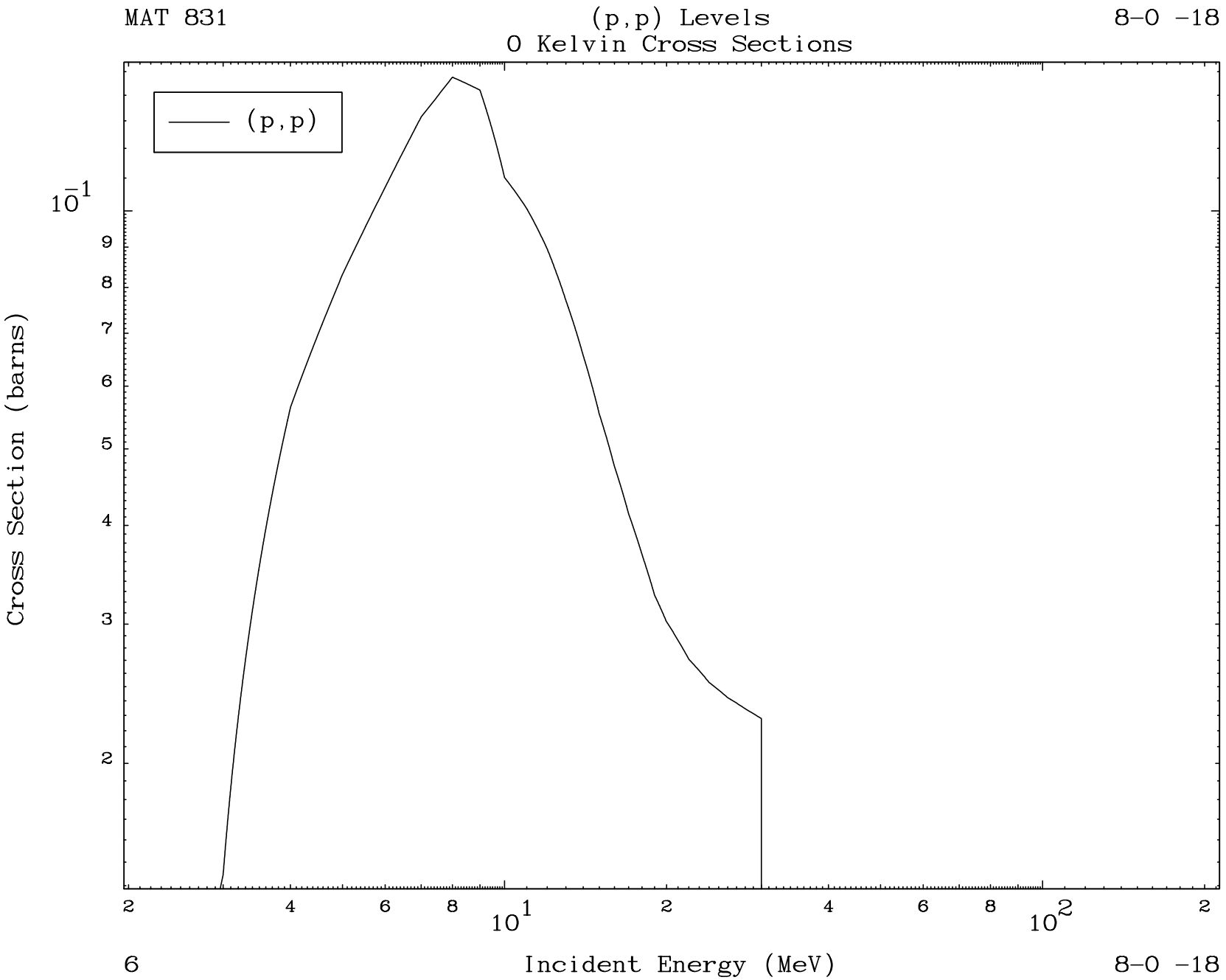

MAT 831
Proton Major
8-0 -18
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
8-0 -18

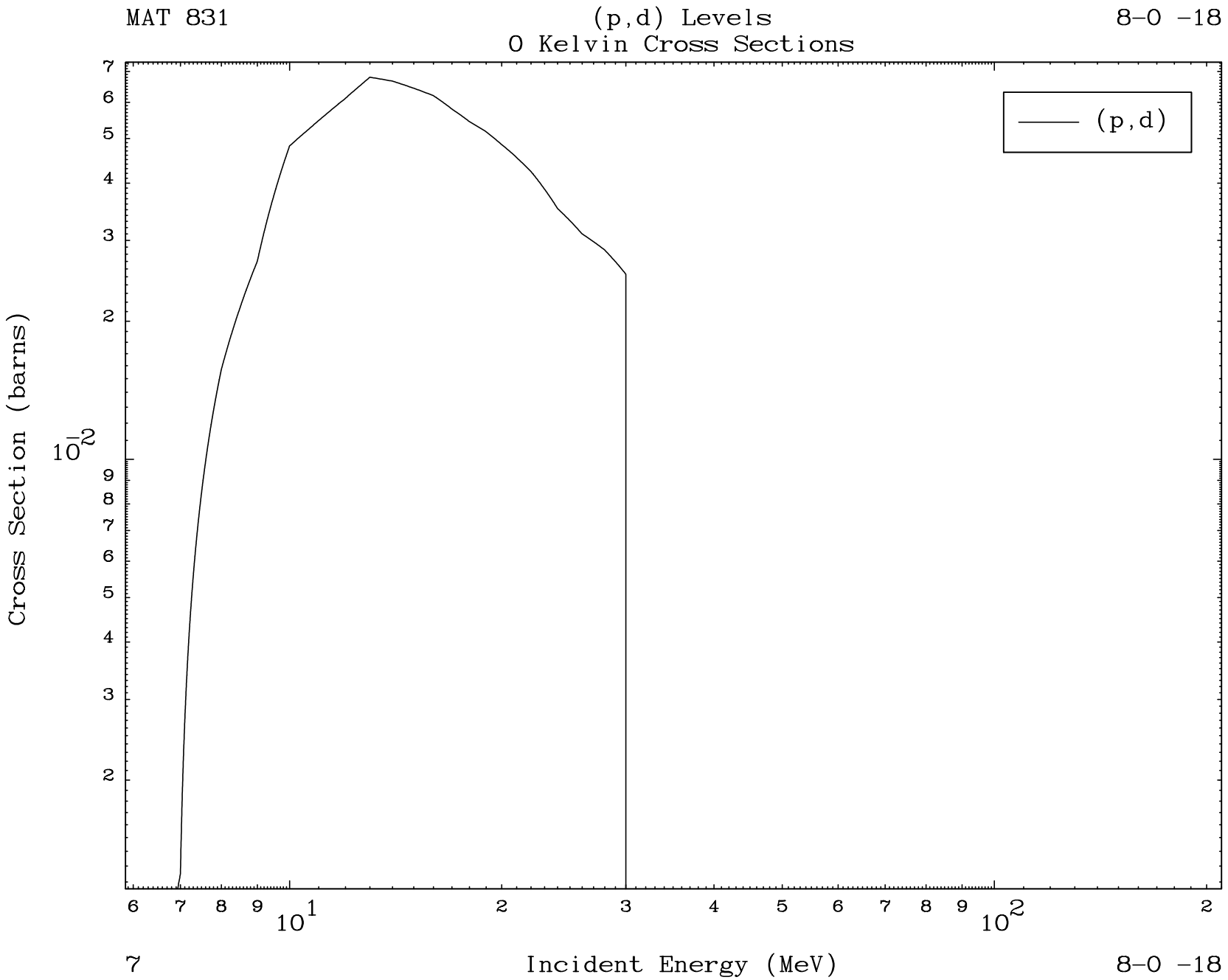

MAT 831
Proton Neutron Production
0 Kelvin Cross Sections
8-0 -18
Cross Section (barns)
Incident Energy (MeV)
(p,2n)
(p,n') α
(p,n') 3α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
8-0 -18

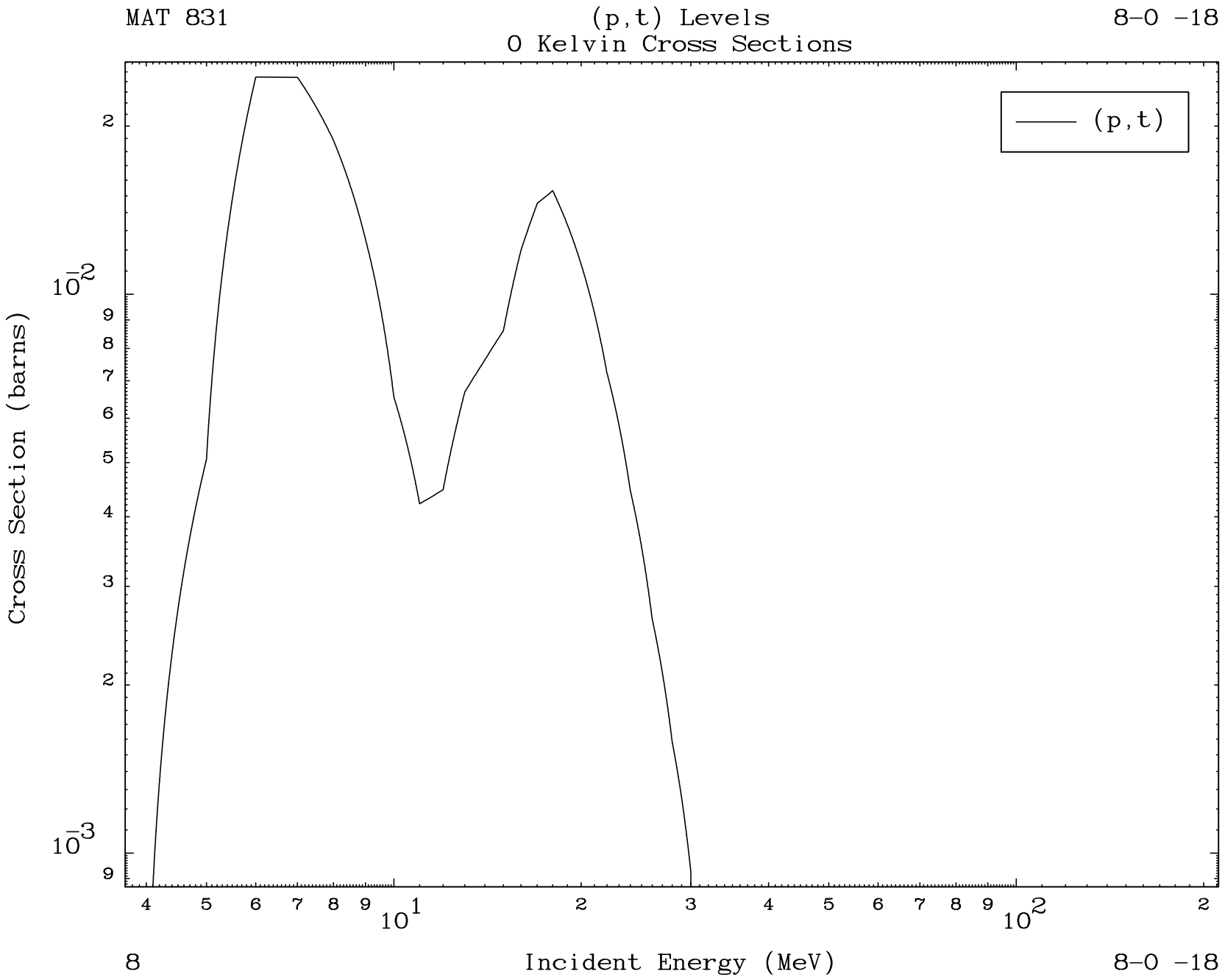

MAT 831
Proton Charged Particle
0 Kelvin Cross Sections
8-0 -18
(p,n') α
(p,n') 3α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
Cross Section (barns)
Incident Energy (MeV)
3
8-0 -18

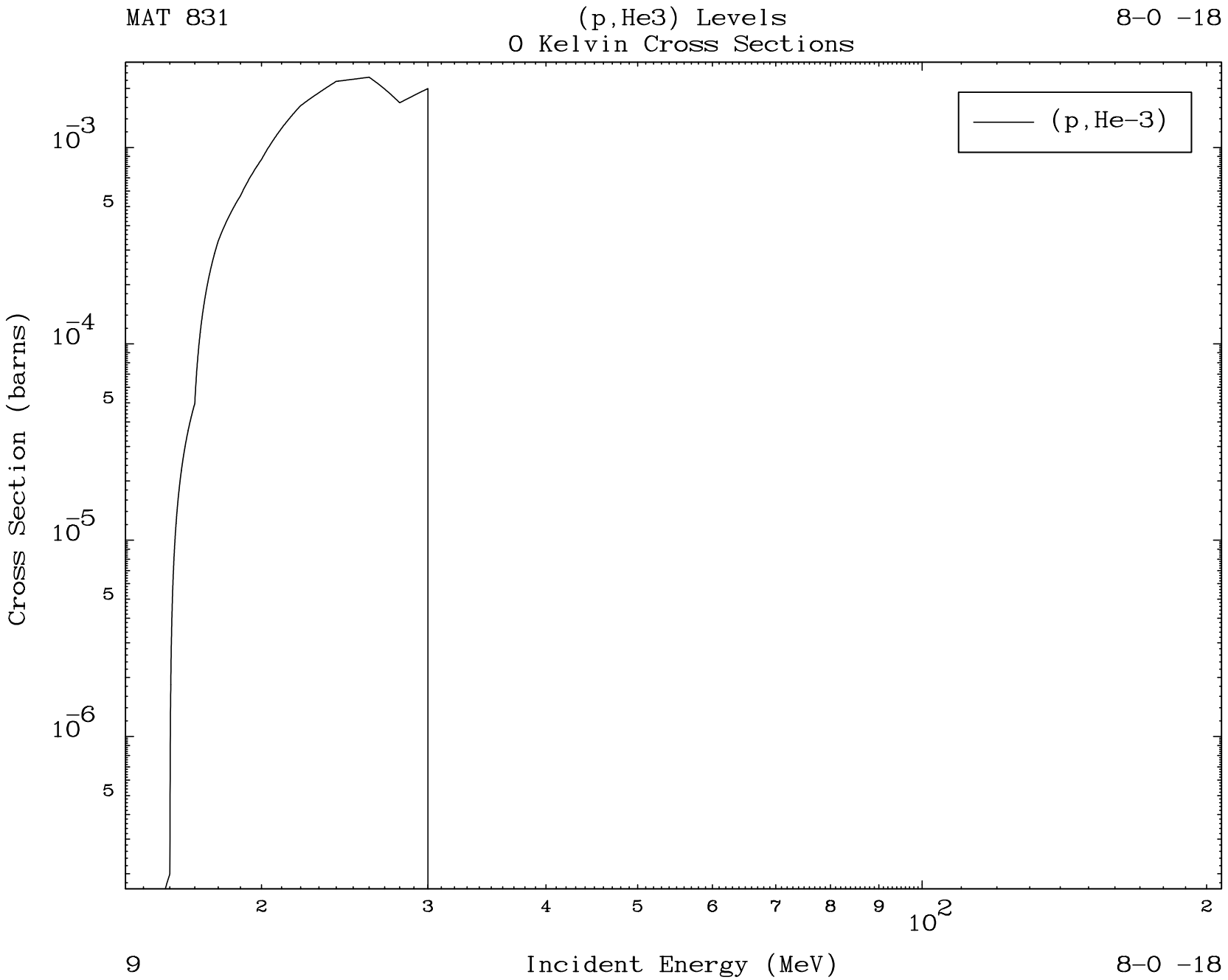

MAT 831
Proton Charged Particle
0 Kelvin Cross Sections
8-0 -18
Cross Section (barns)
Incident Energy (MeV)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,t) 2α
(p,d) 2α
(p,p) d
(p,p) t
4
8-0 -18

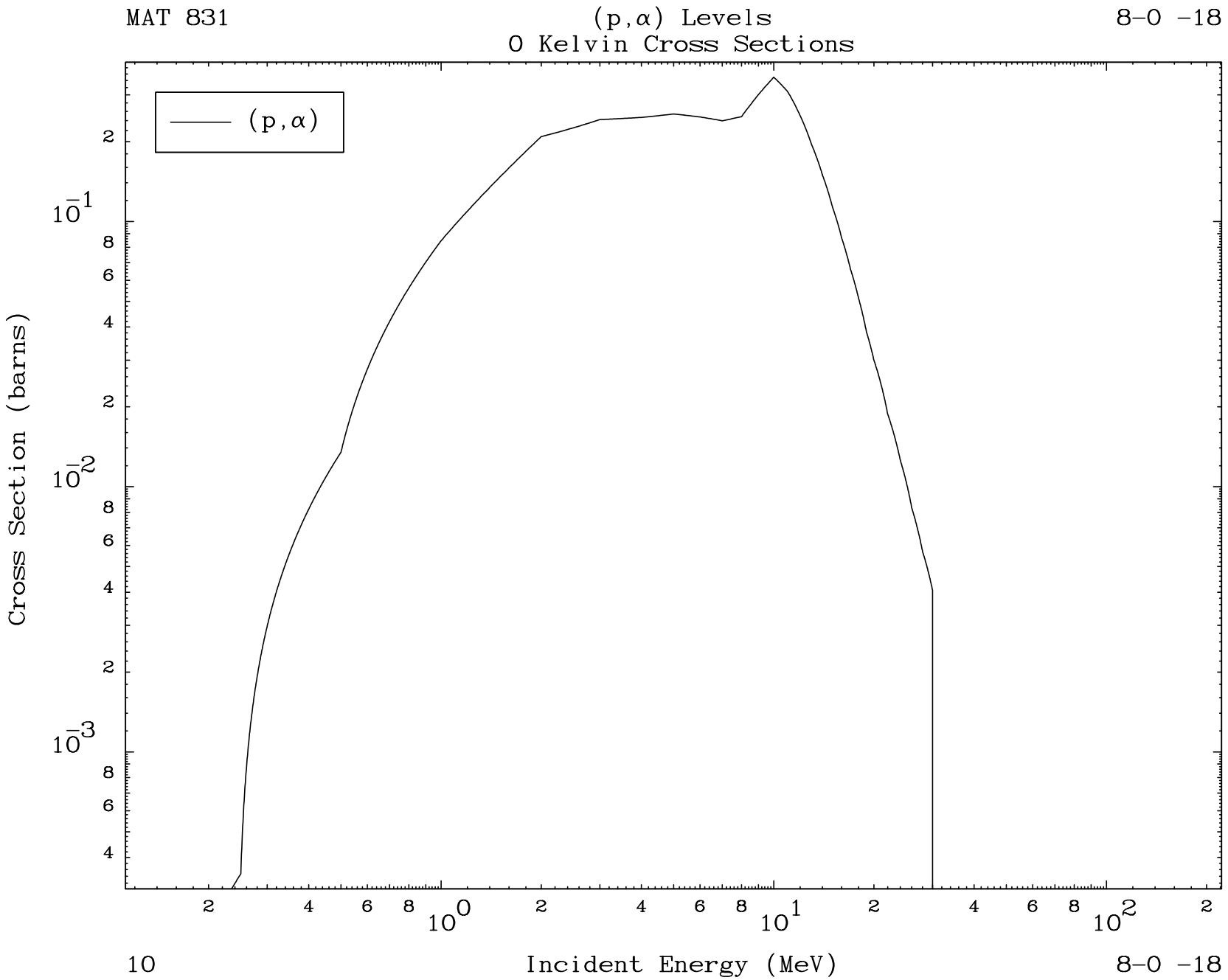

MAT 831
(p,n') Level
8-0 -18
0 Kelvin Cross Sections
Cross Section (barns)
Proton Inelastic
Incident Energy (MeV)
5
8-0 -18


MAT 831
(p,p) Levels
8-0 -18
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
10-1
9
8
7
6
5
4
3
2
2
4
6
8
10 1
2
4
6
8
10 2
2
6
Incident Energy (MeV)
8-0 -18


MAT 831
(p,d) Levels
8-0 -18
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
7
8-0 -18


MAT 831
(p,t) Levels
8-0 -18
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
8
8-0 -18


MAT 831
(p,He3) Levels
8-0 -18
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
2
3
4
5
6
7
8
9
10 2
2
9
Incident Energy (MeV)
8-0 -18


MAT 831
(p,α) Levels
8-0 -18
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
8-0 -18