Program EVALPLOT
(Version 2017-1)
by
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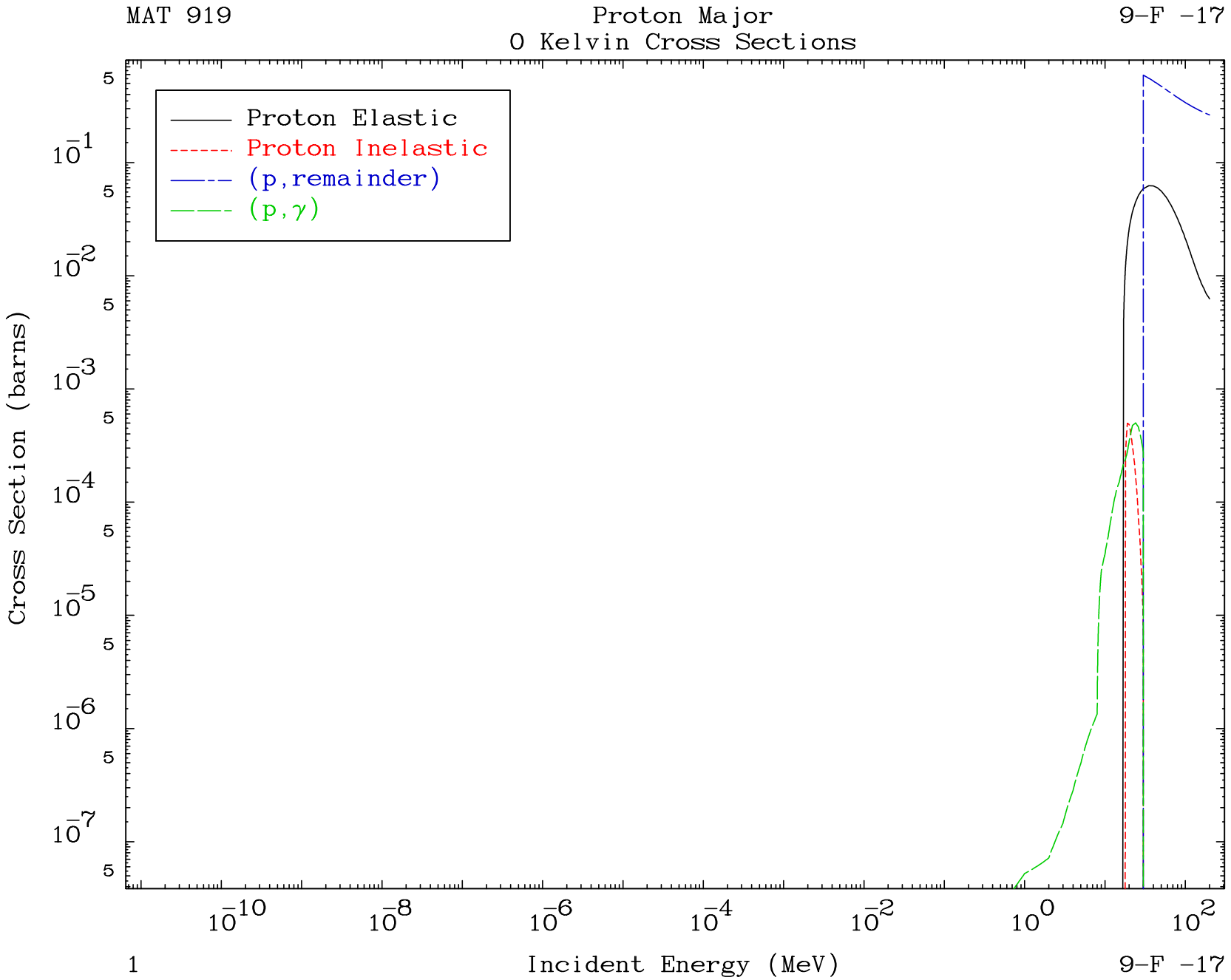
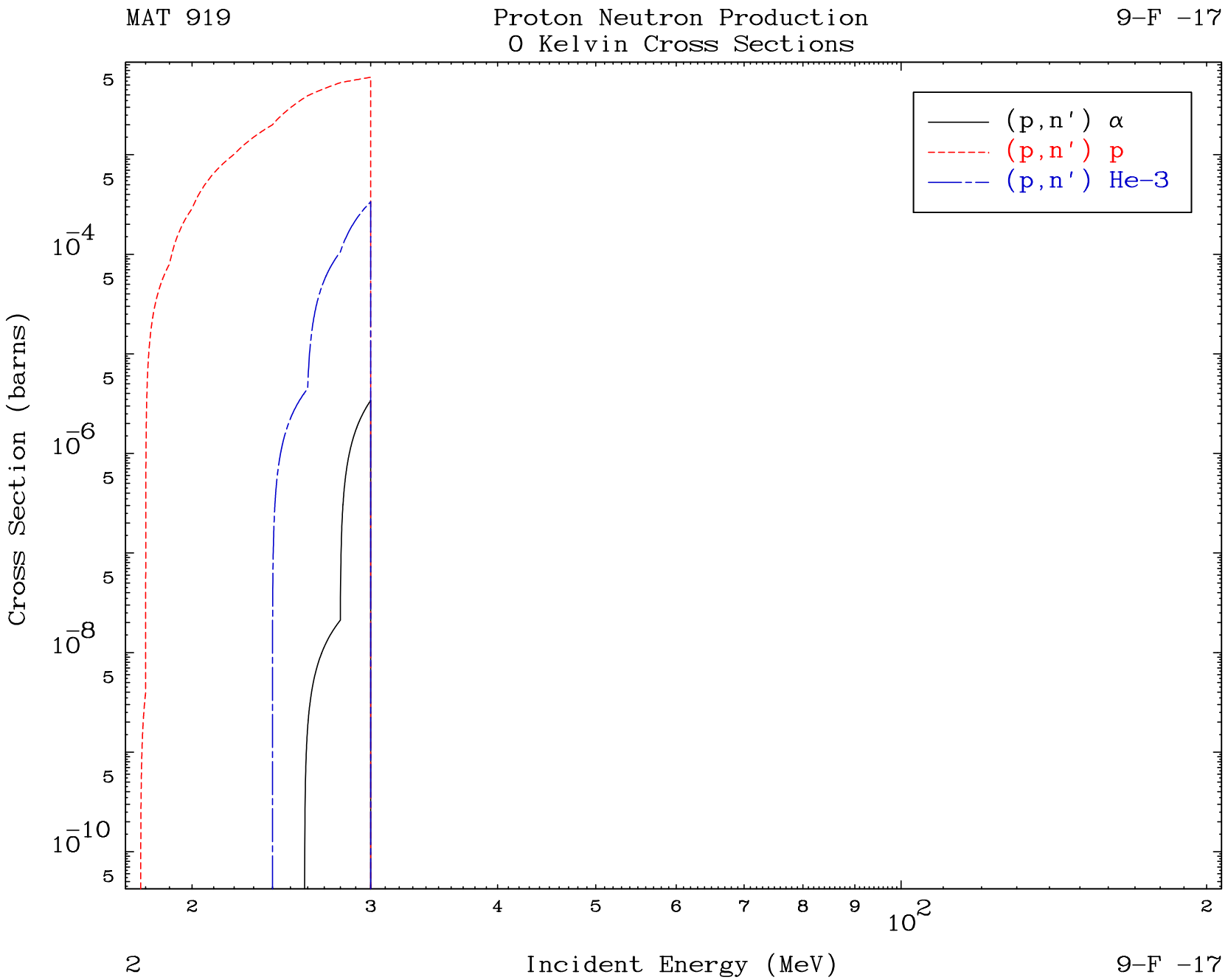
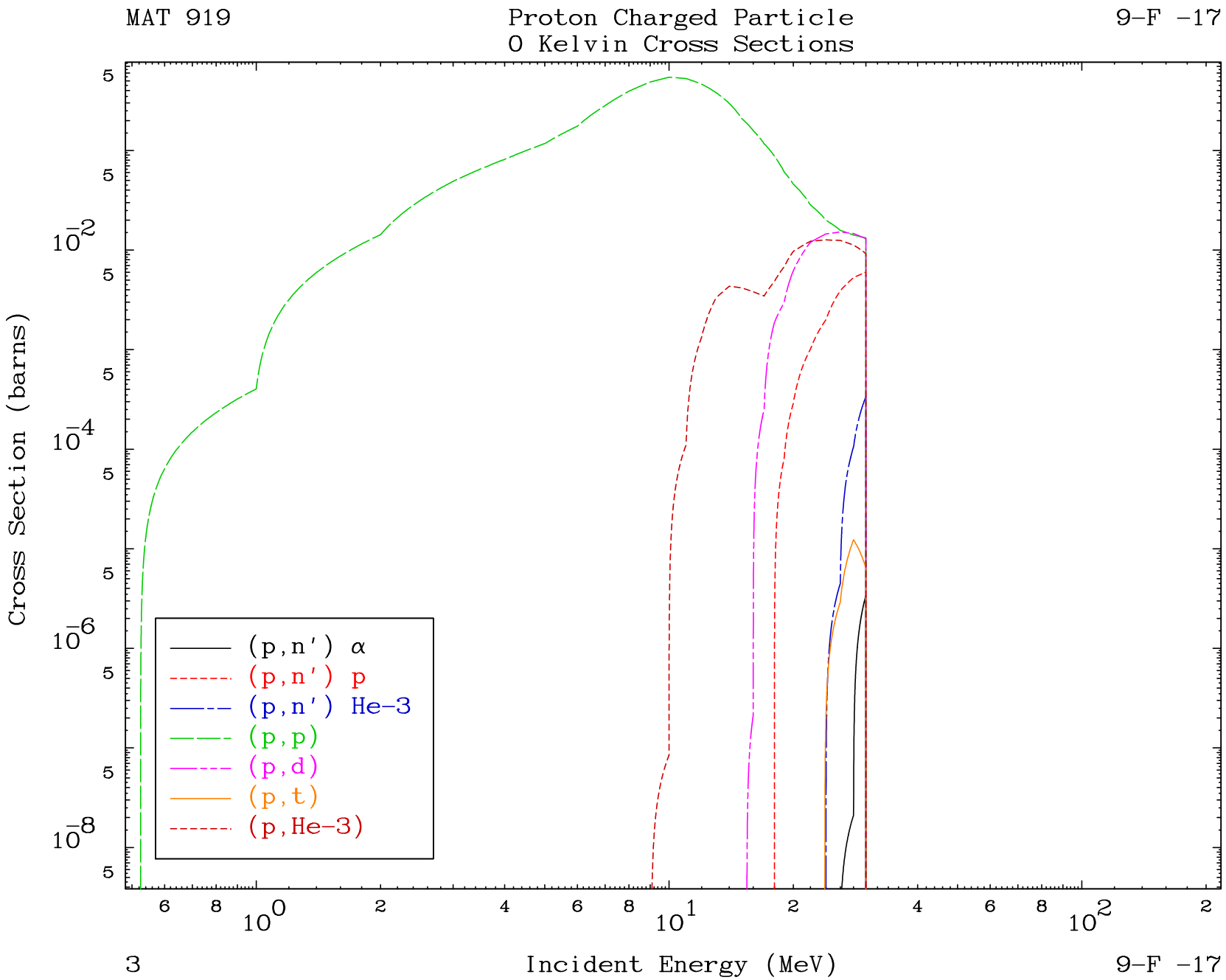
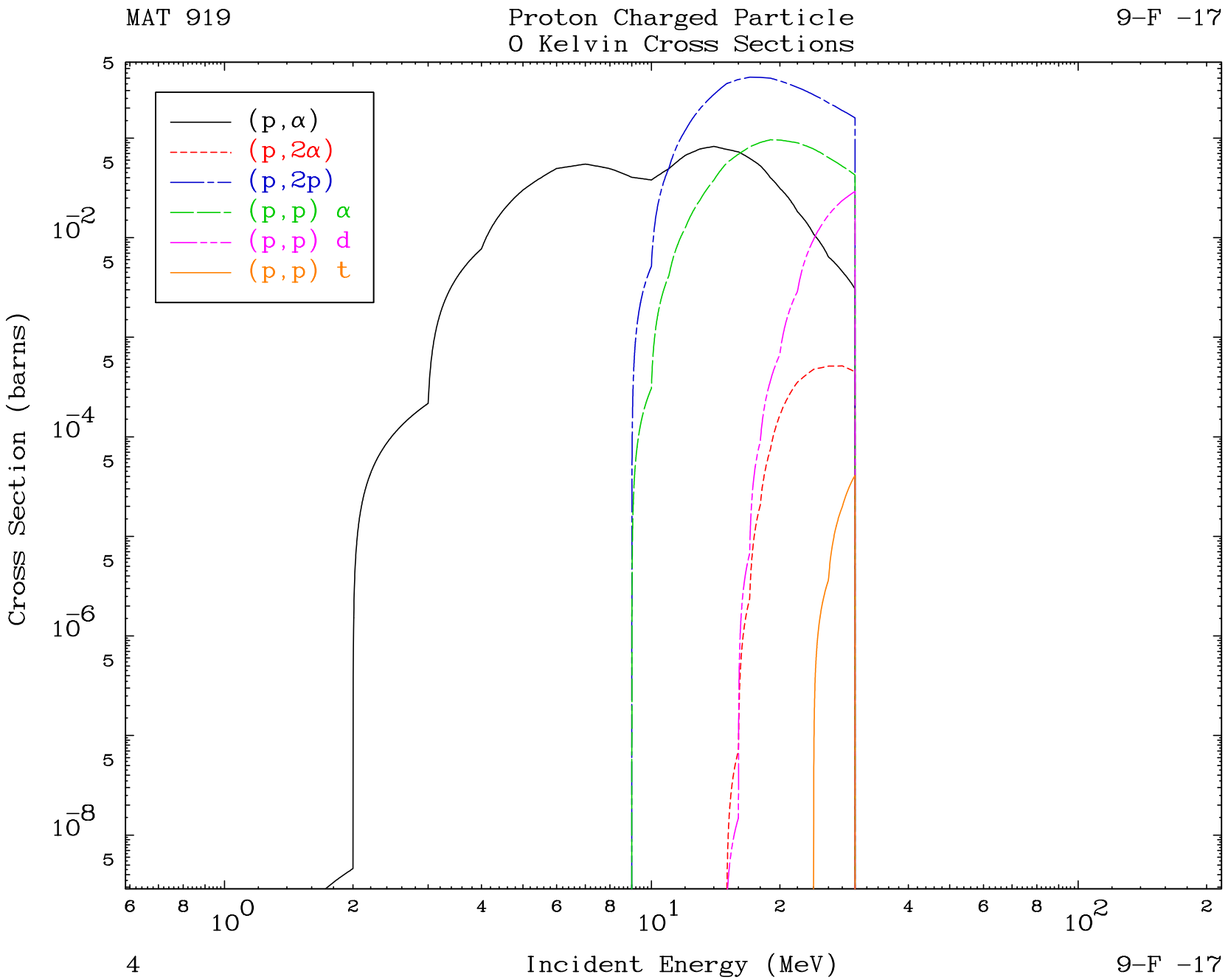
Press Mouse Button to Start

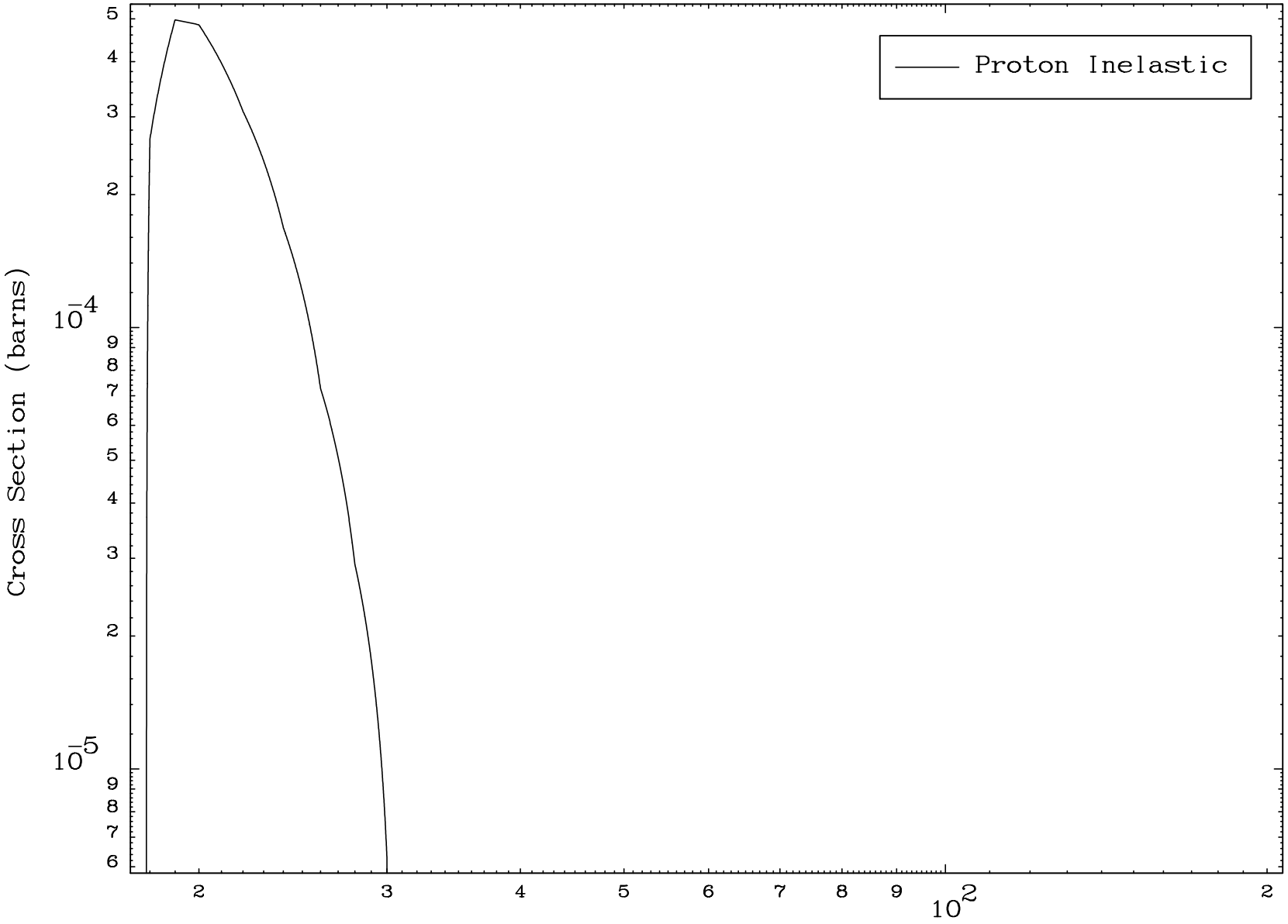

MAT 919
Proton Major
9-F -17
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
9-F -17

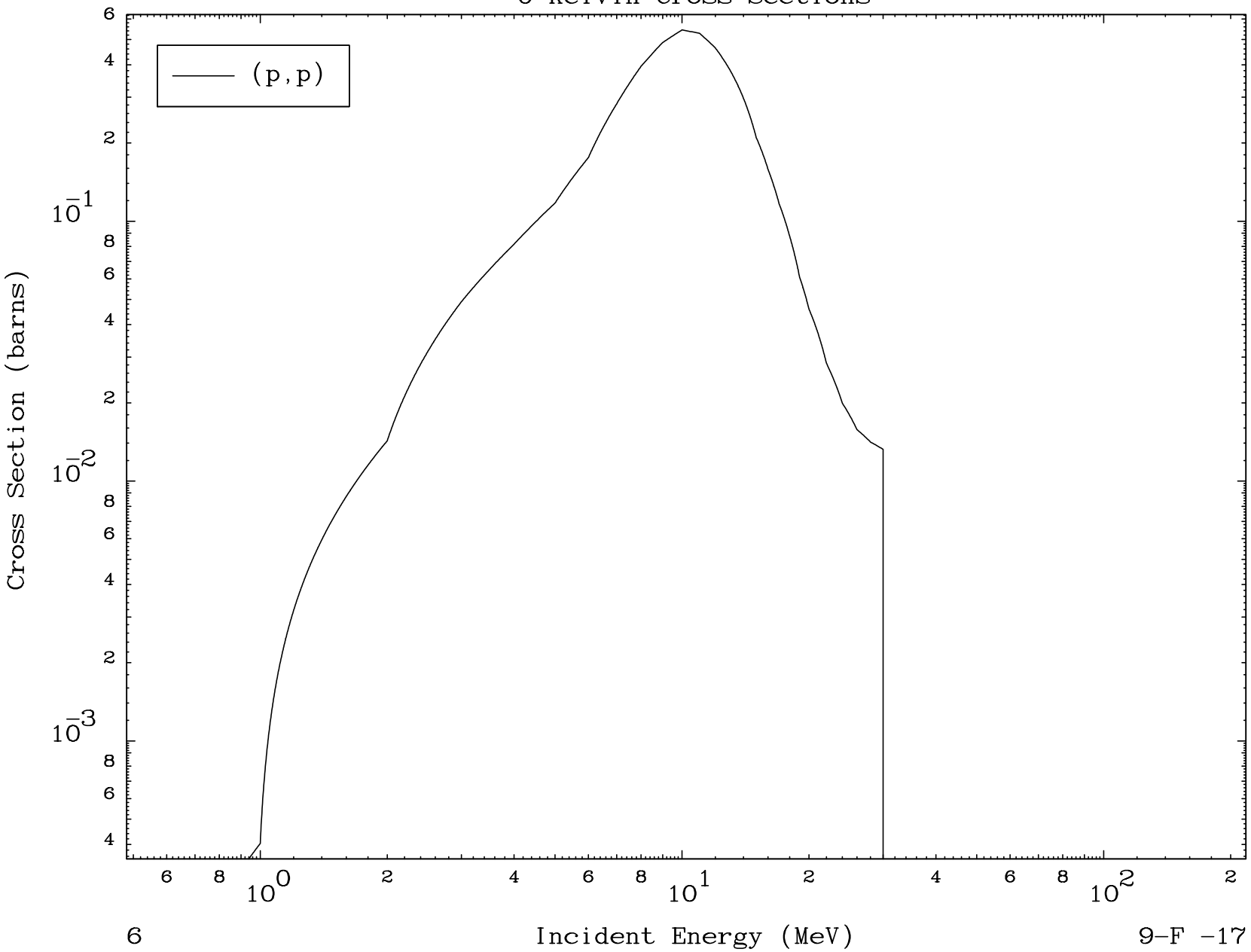

MAT 919
Proton Neutron Production
0 Kelvin Cross Sections
9-F -17
(p,n') α
(p,n') p
(p,n') He-3
Cross Section (barns)
Incident Energy (MeV)
9-F -17

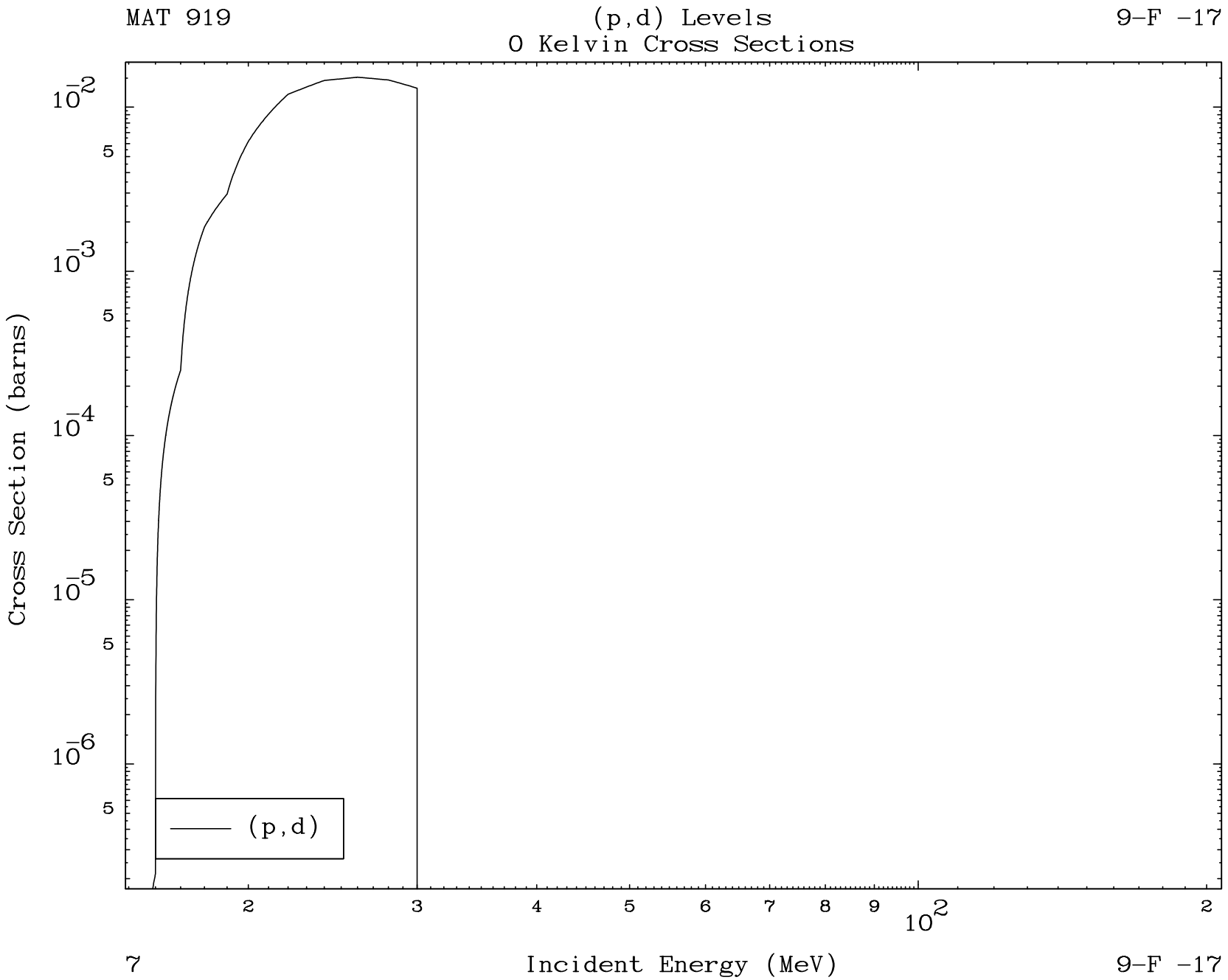

MAT 919
Proton Charged Particle
0 Kelvin Cross Sections
9-F -17
Cross Section (barns)
Incident Energy (MeV)
(p,n') α
(p,n') p
(p,n') He-3
(p,p)
(p,d)
(p,t)
(p,He-3)
3
9-F -17

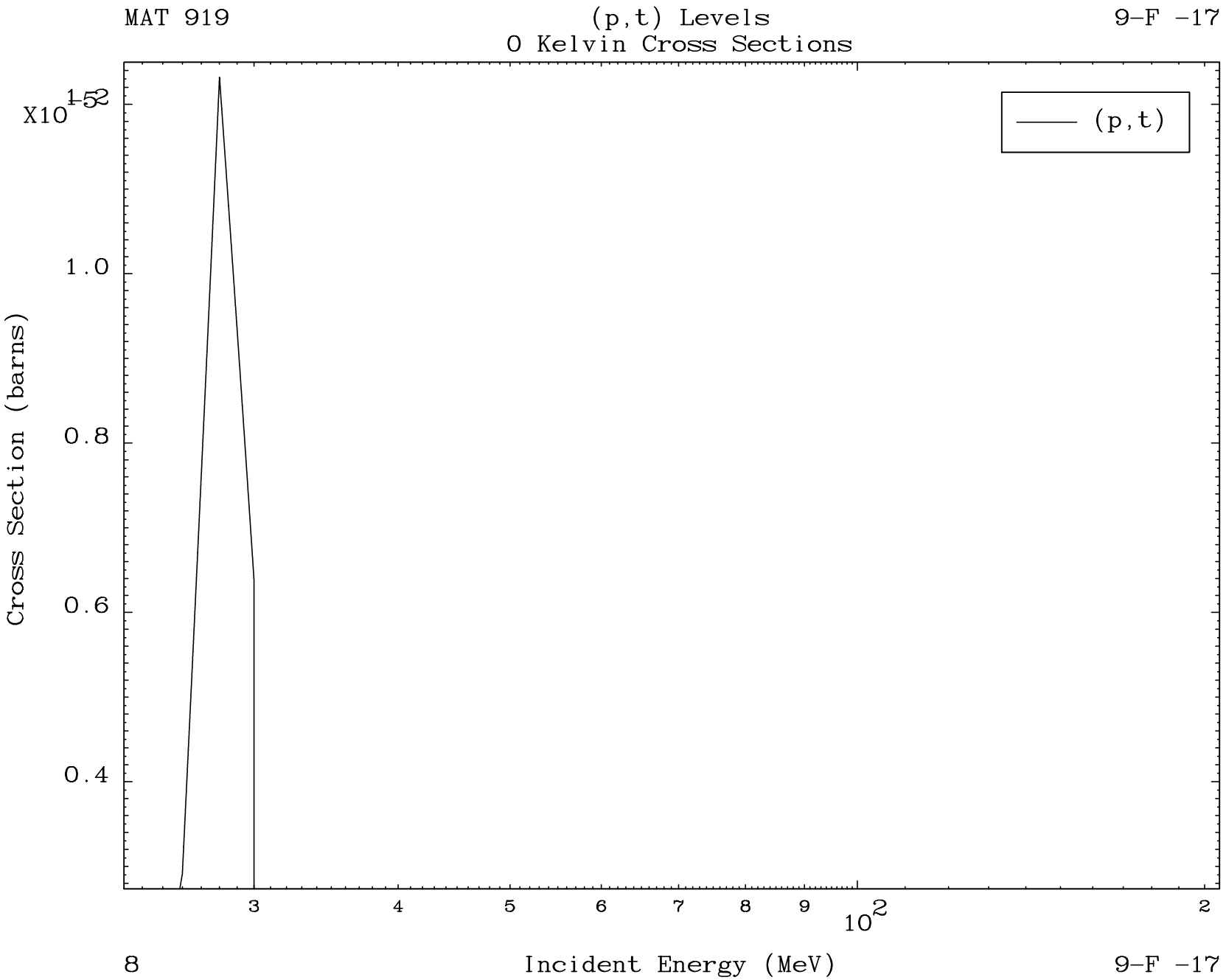

MAT 919
Proton Charged Particle
0 Kelvin Cross Sections
9-F -17
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
9-F -17
4

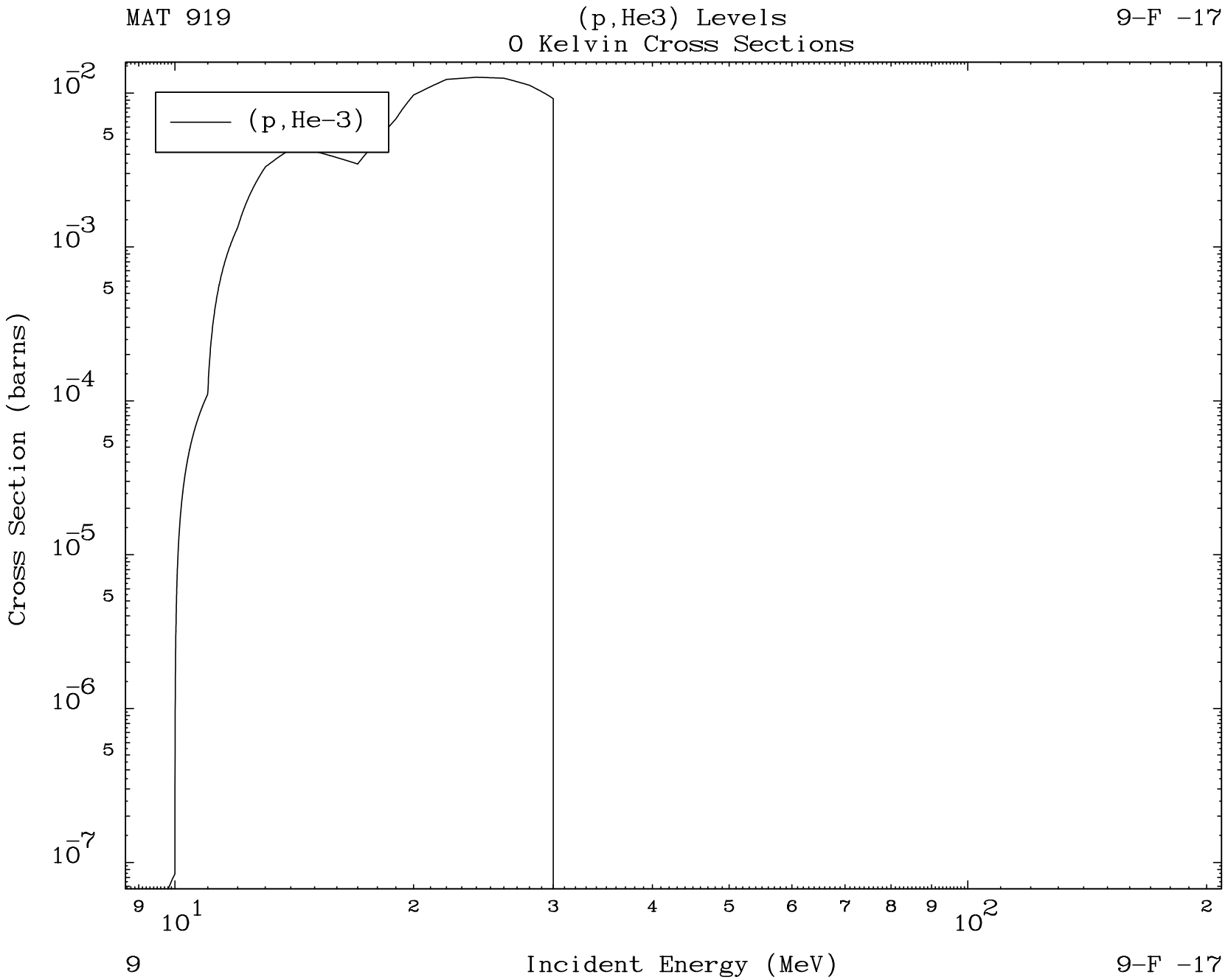
0 Kelvin Cross Sections

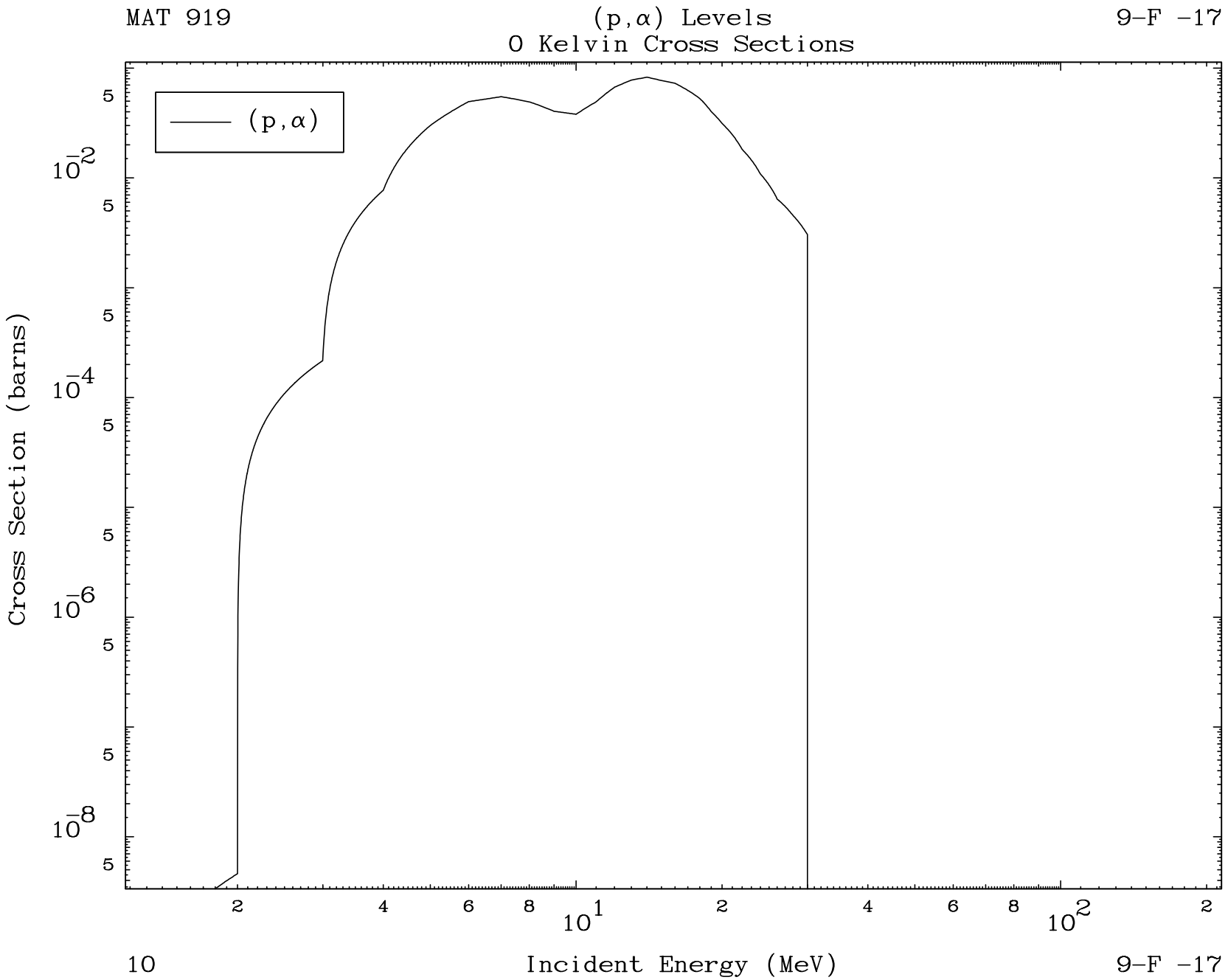



0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
9-F -17


MAT 919
(p,d) Levels
9-F -17
0 Kelvin Cross Sections
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
(p,d)
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
9-F -17


MAT 919
(p,t) Levels
9-F -17
0 Kelvin Cross Sections
X10-2
1.2
1.0
0.8
0.6
0.4
Cross Section (barns)
(p,t)
3
4
5
6
7
8
9
10 2
2
8
Incident Energy (MeV)
9-F -17


MAT 919
(p,He3) Levels
9-F -17
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9-F -17


MAT 919
(p,α) Levels
9-F -17
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
4
6
8
10^1
10^2
10
Incident Energy (MeV)
9-F -17