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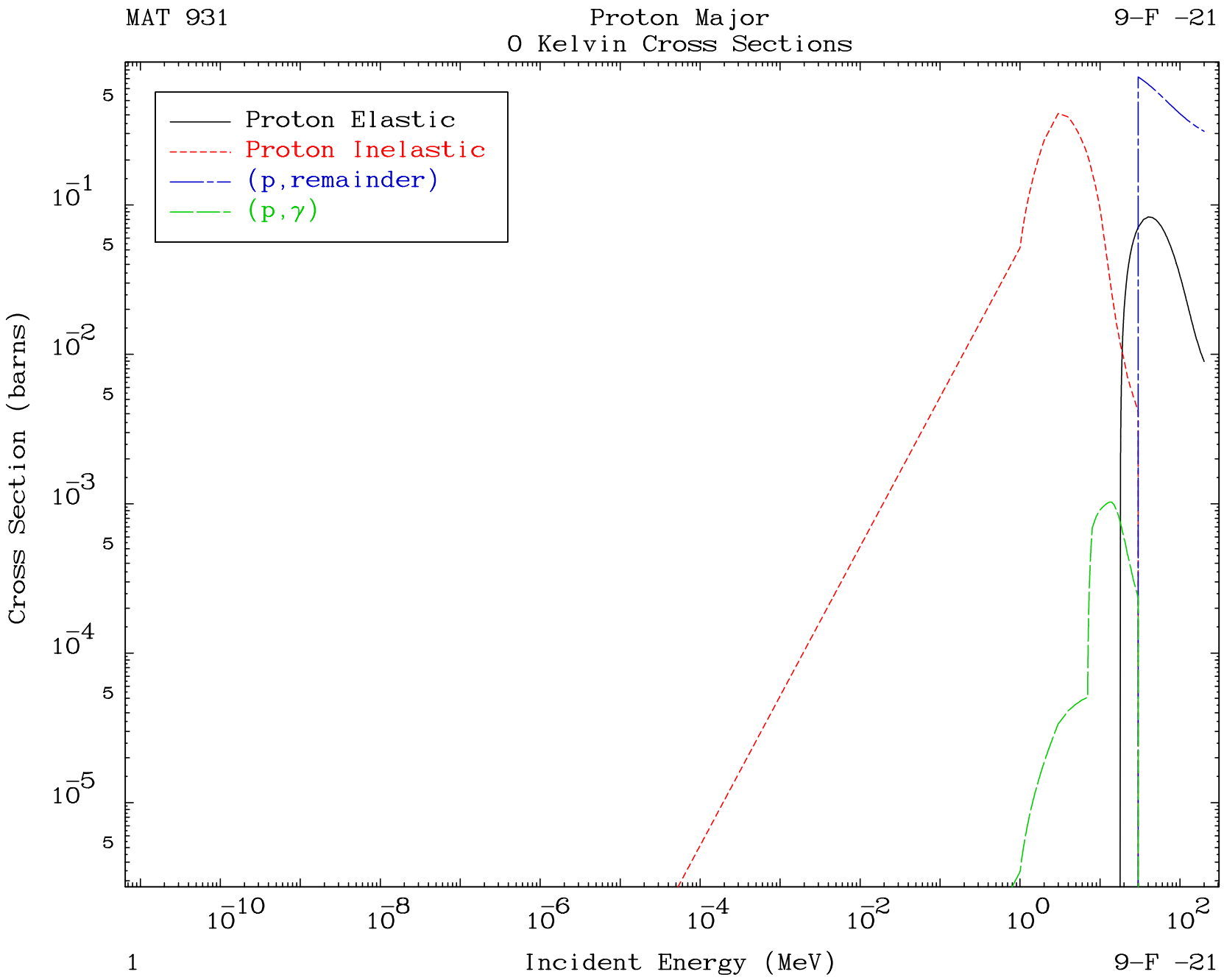
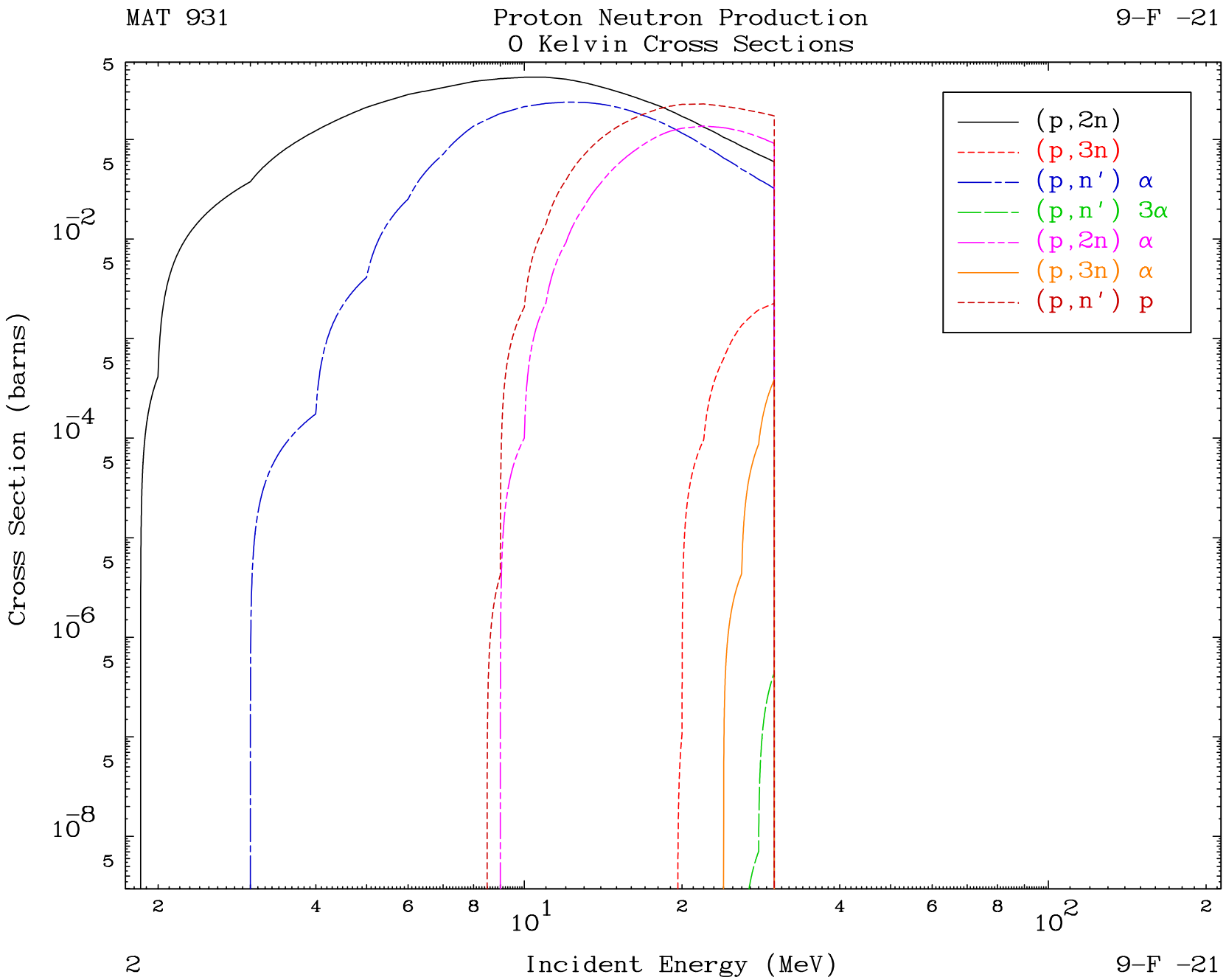
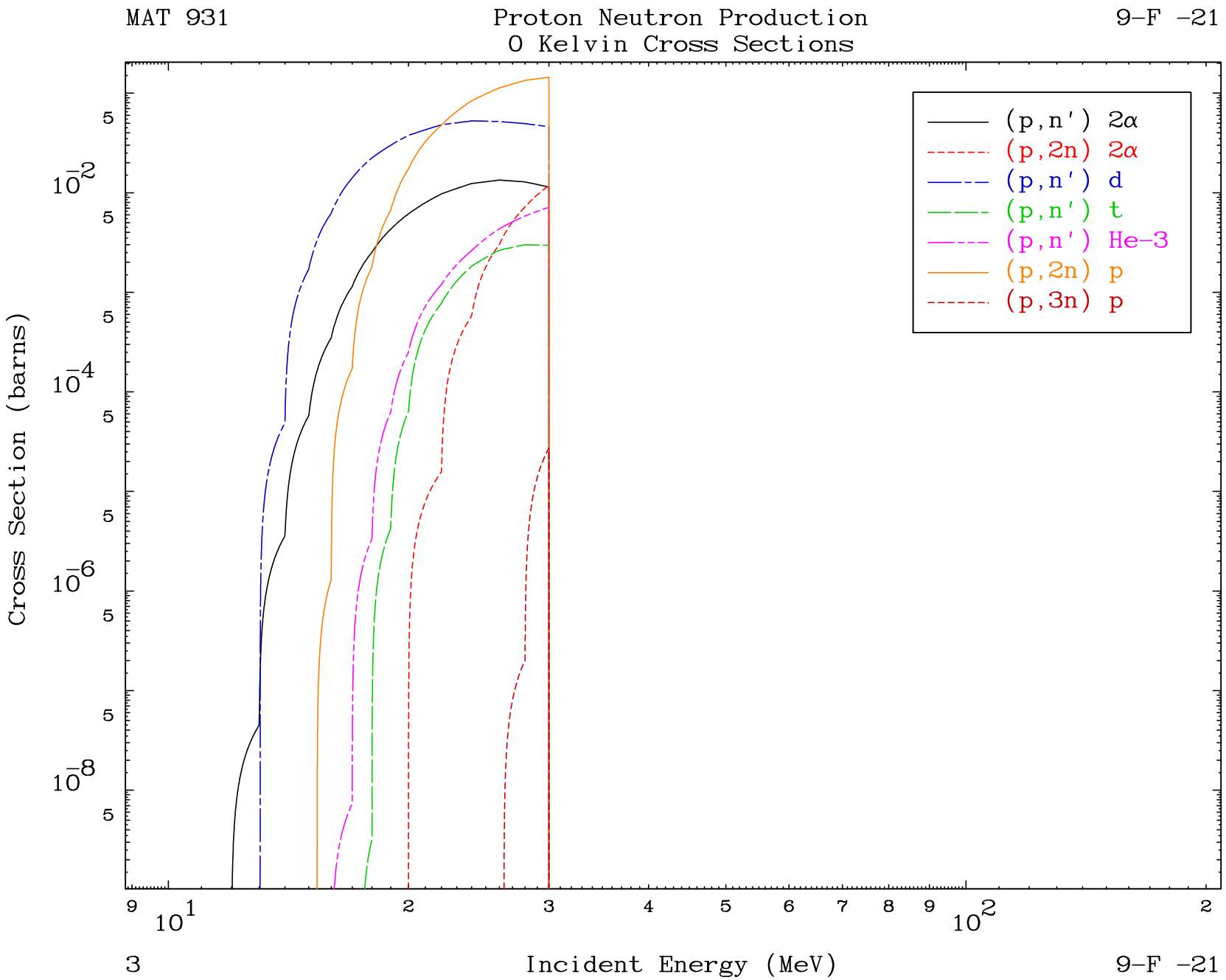
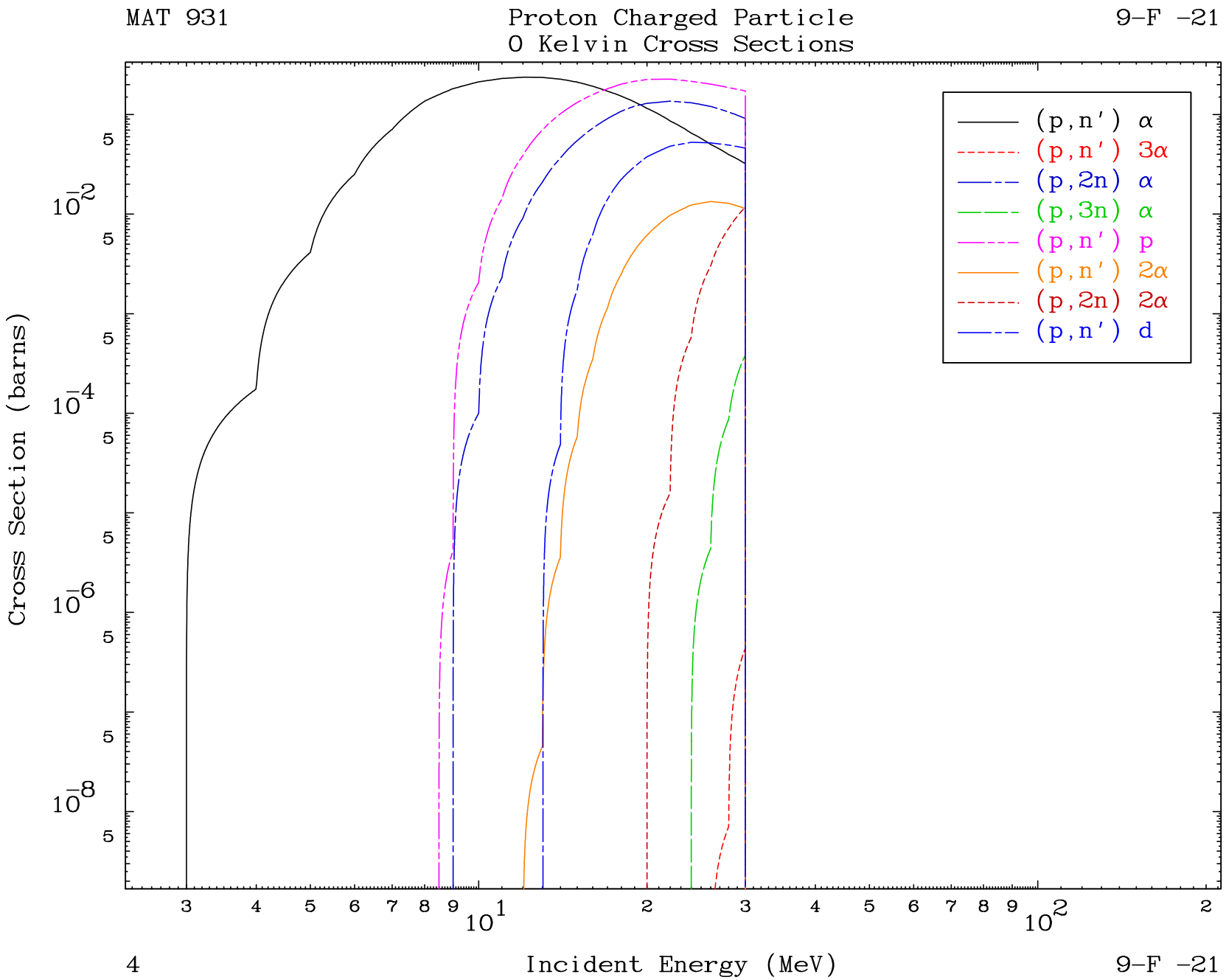
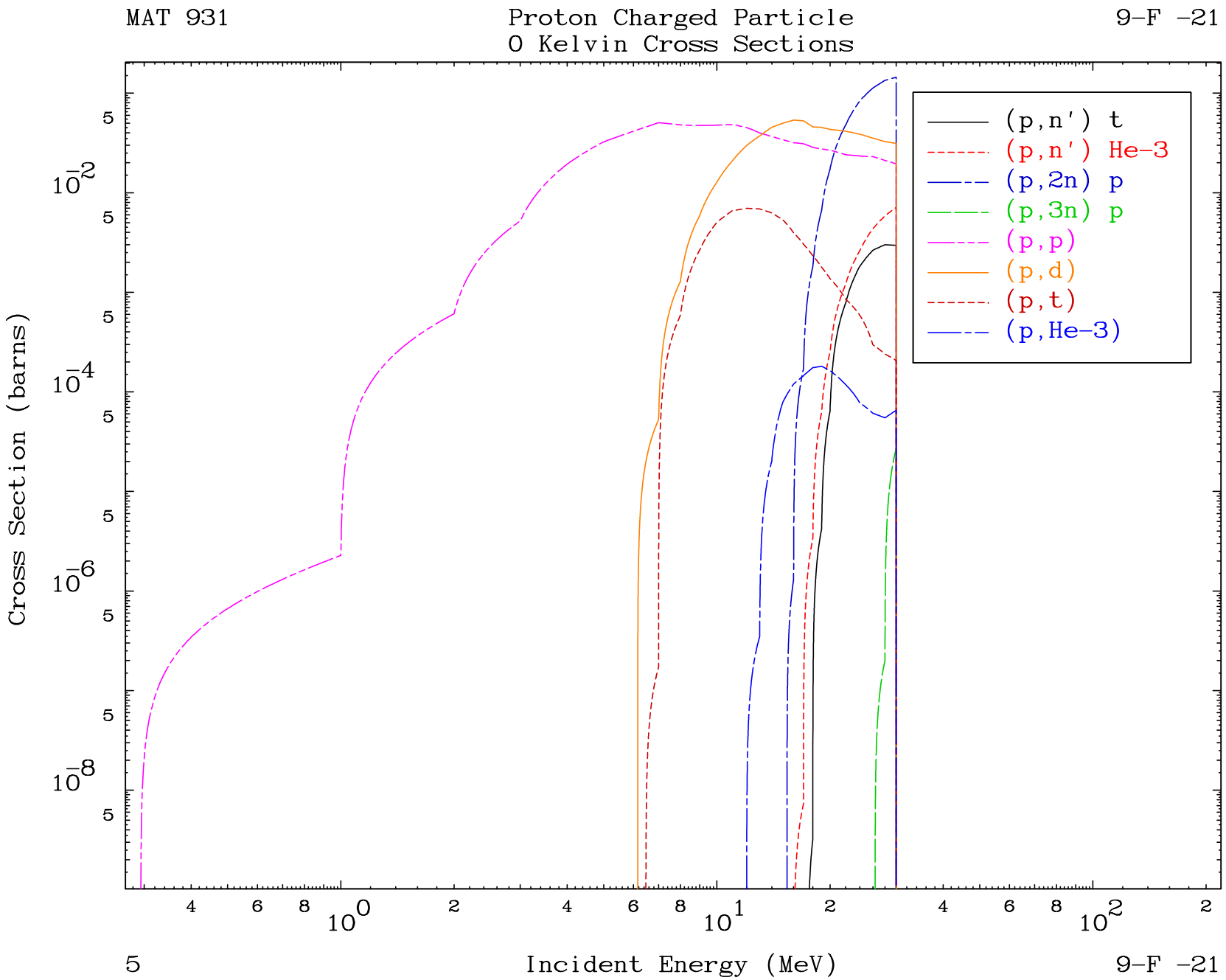
Press Mouse Button to Start

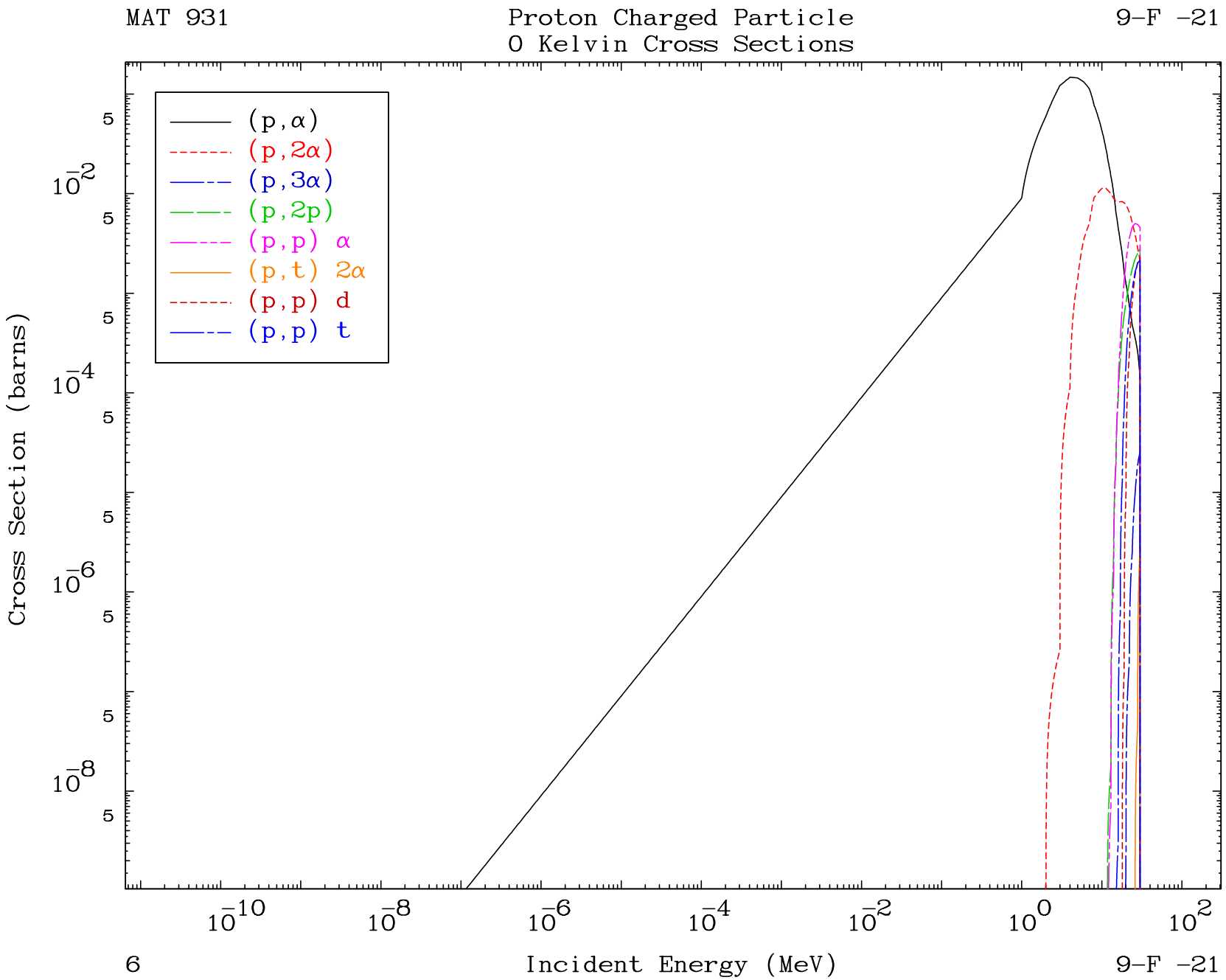

MAT 931
Proton Major
9-F -21
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
9-F -21

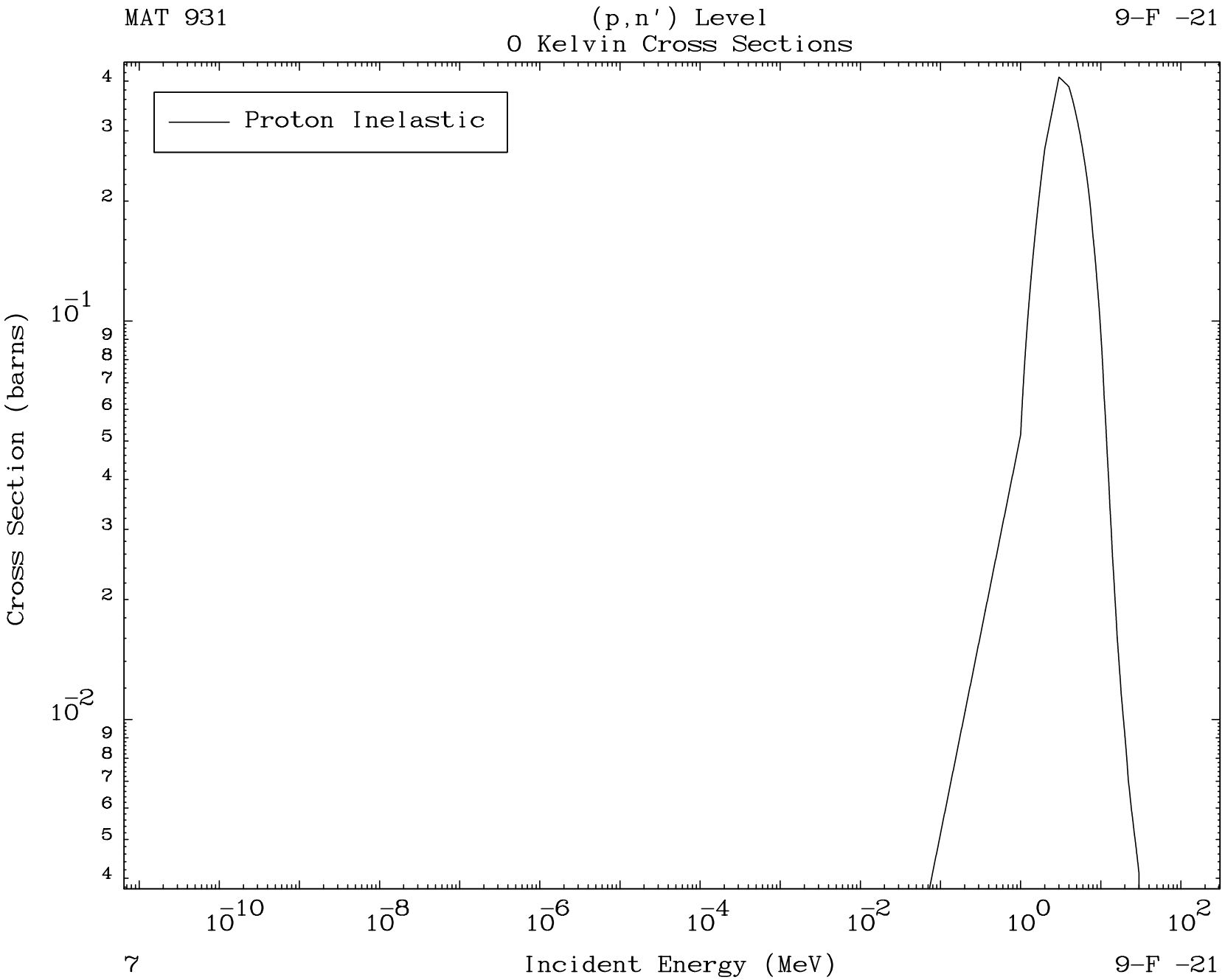

MAT 931
Proton Neutron Production
0 Kelvin Cross Sections
9-F -21
Cross Section (barns)
Incident Energy (MeV)
(p,2n)
(p,3n)
(p,n') α
(p,n') 3α
(p,2n) α
(p,3n) α
(p,n') p

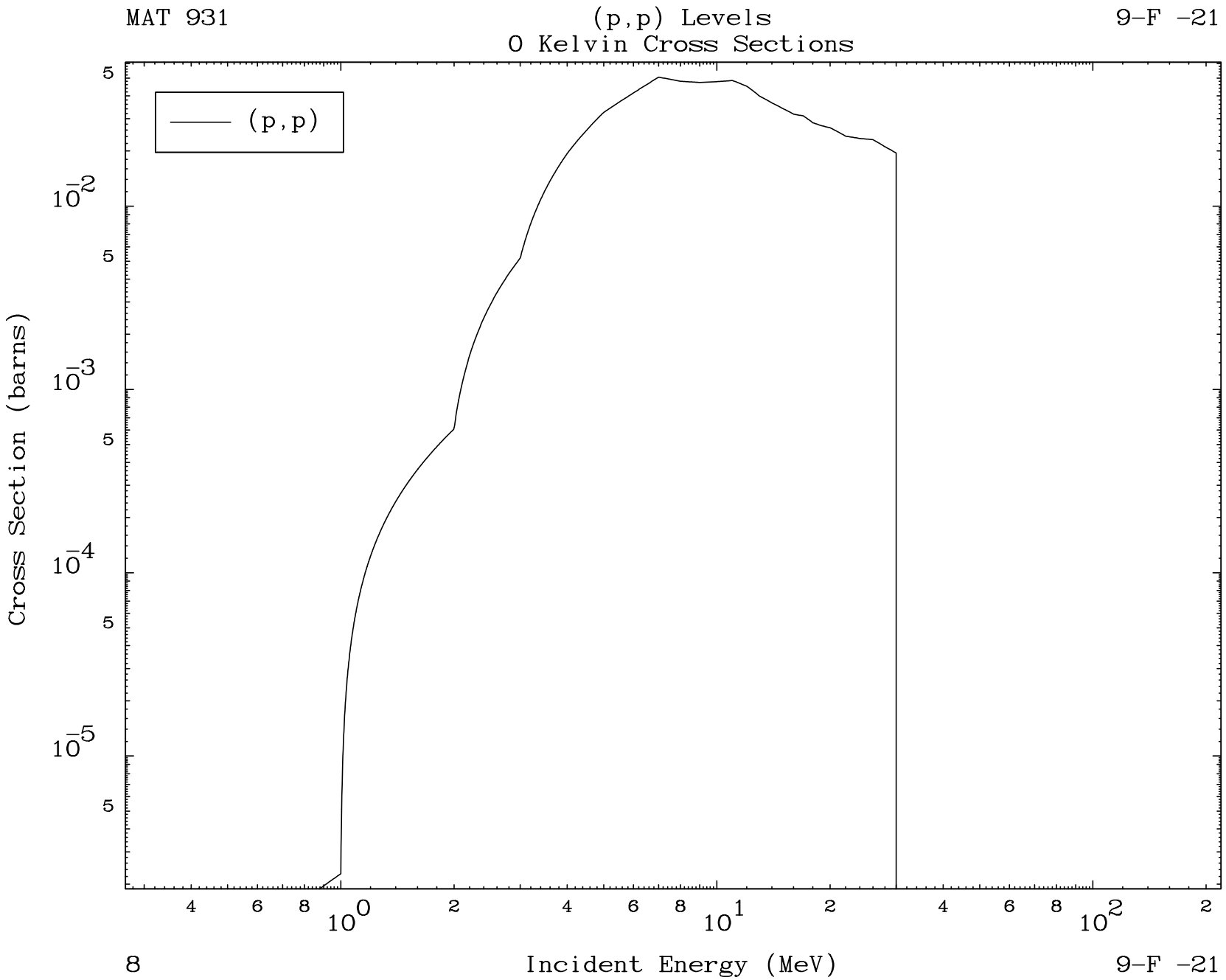

MAT 931
Proton Neutron Production
0 Kelvin Cross Sections
9-F -21
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
9-F -21

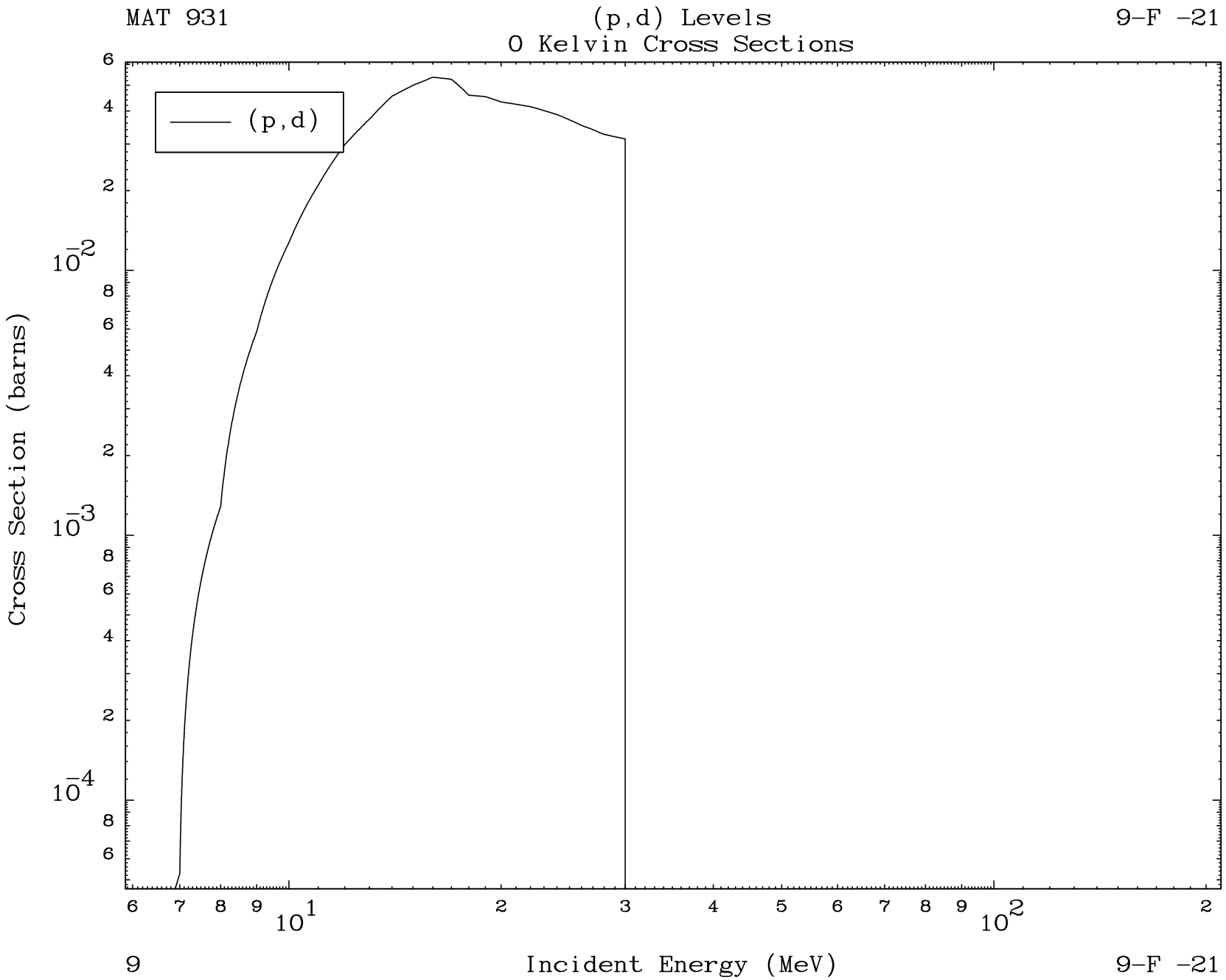

MAT 931
Proton Charged Particle
0 Kelvin Cross Sections
9-F -21
Cross Section (barns)
Incident Energy (MeV)
(p,n') α
(p,n') 3α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
(p,n') d
4
9-F -21

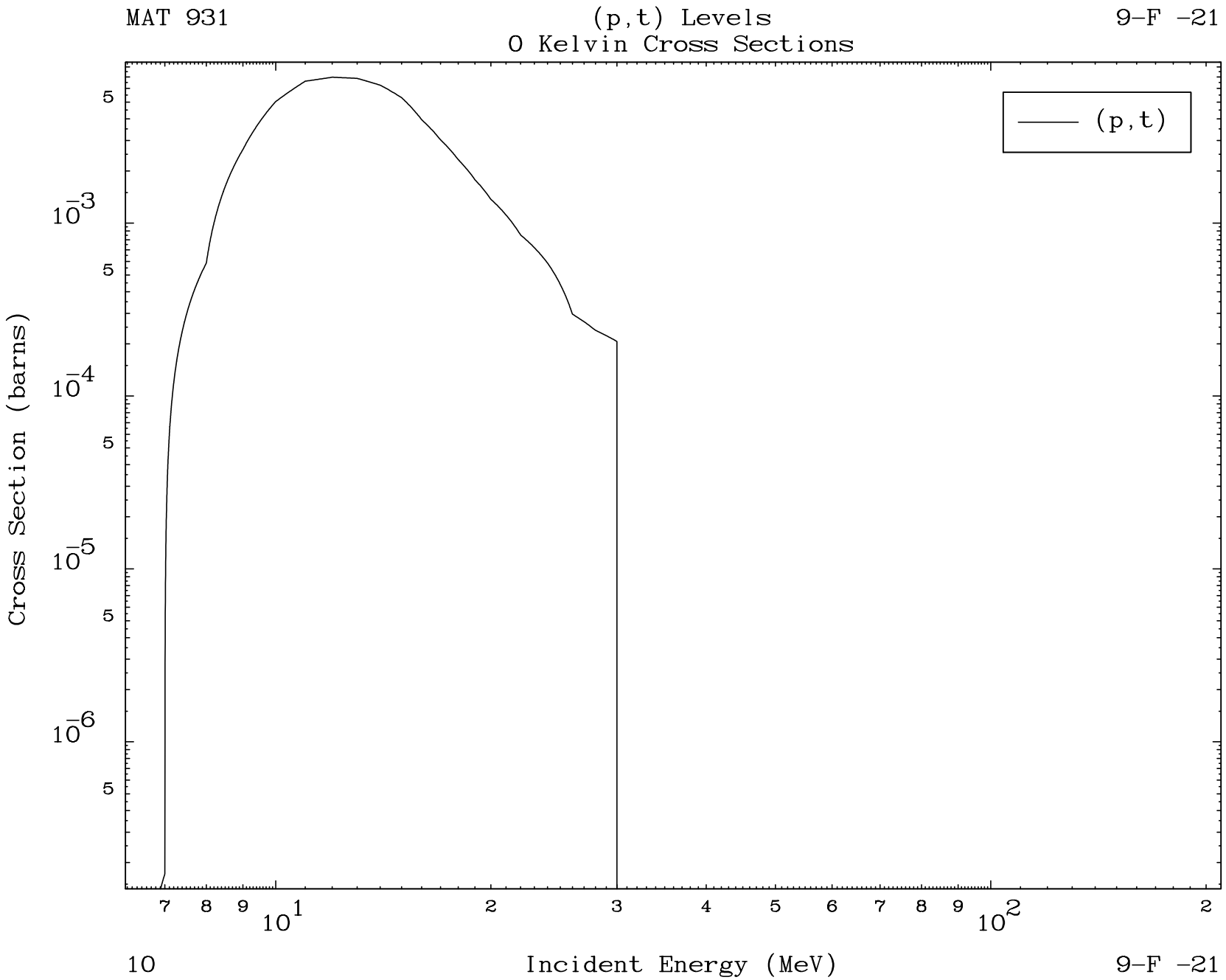

MAT 931
Proton Charged Particle
0 Kelvin Cross Sections
9-F -21
Cross Section (barns)
Incident Energy (MeV)
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
5
9-F -21

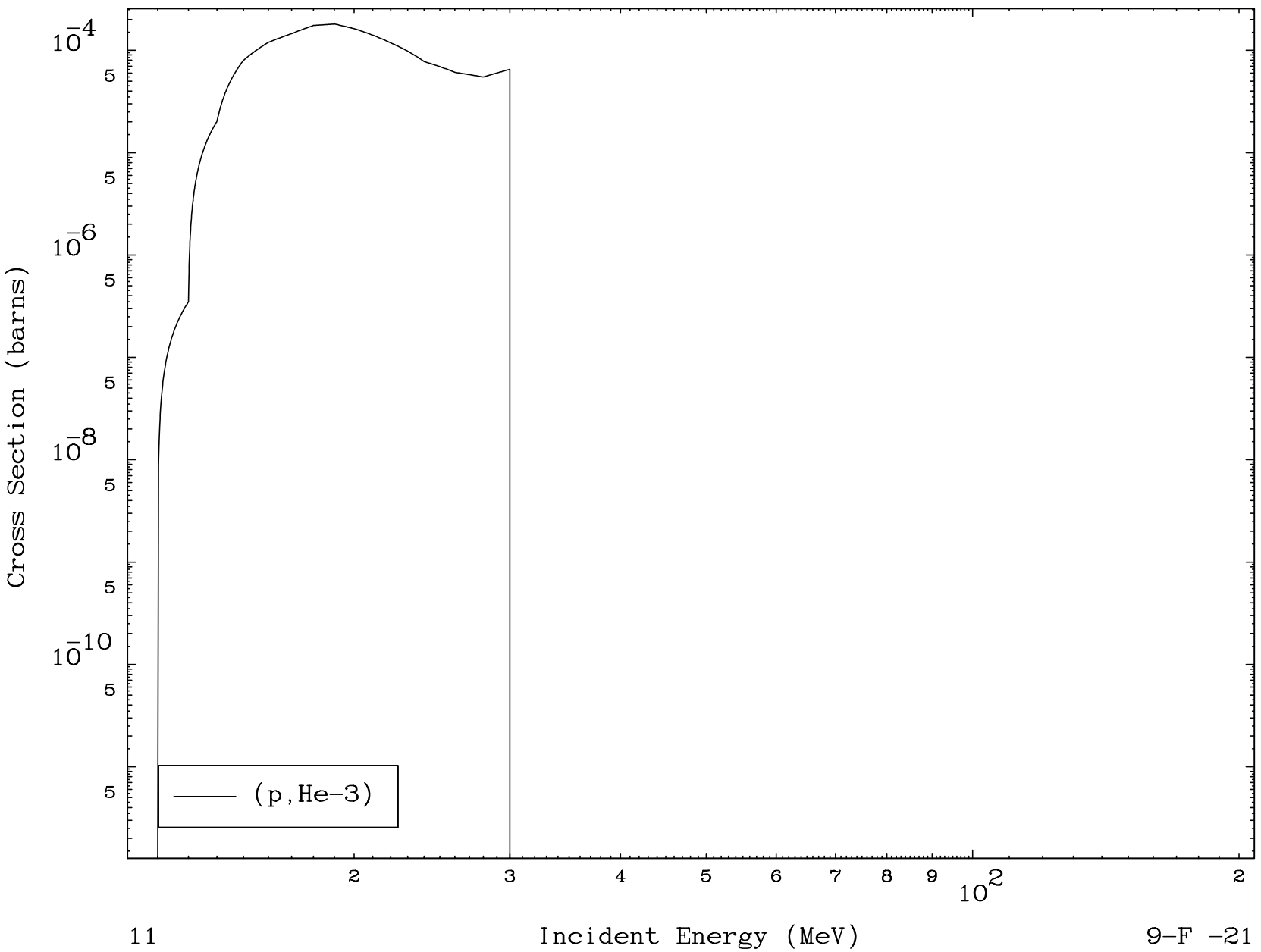

MAT 931
Proton Charged Particle
0 Kelvin Cross Sections
9-F -21
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,t) 2α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
6
9-F -21

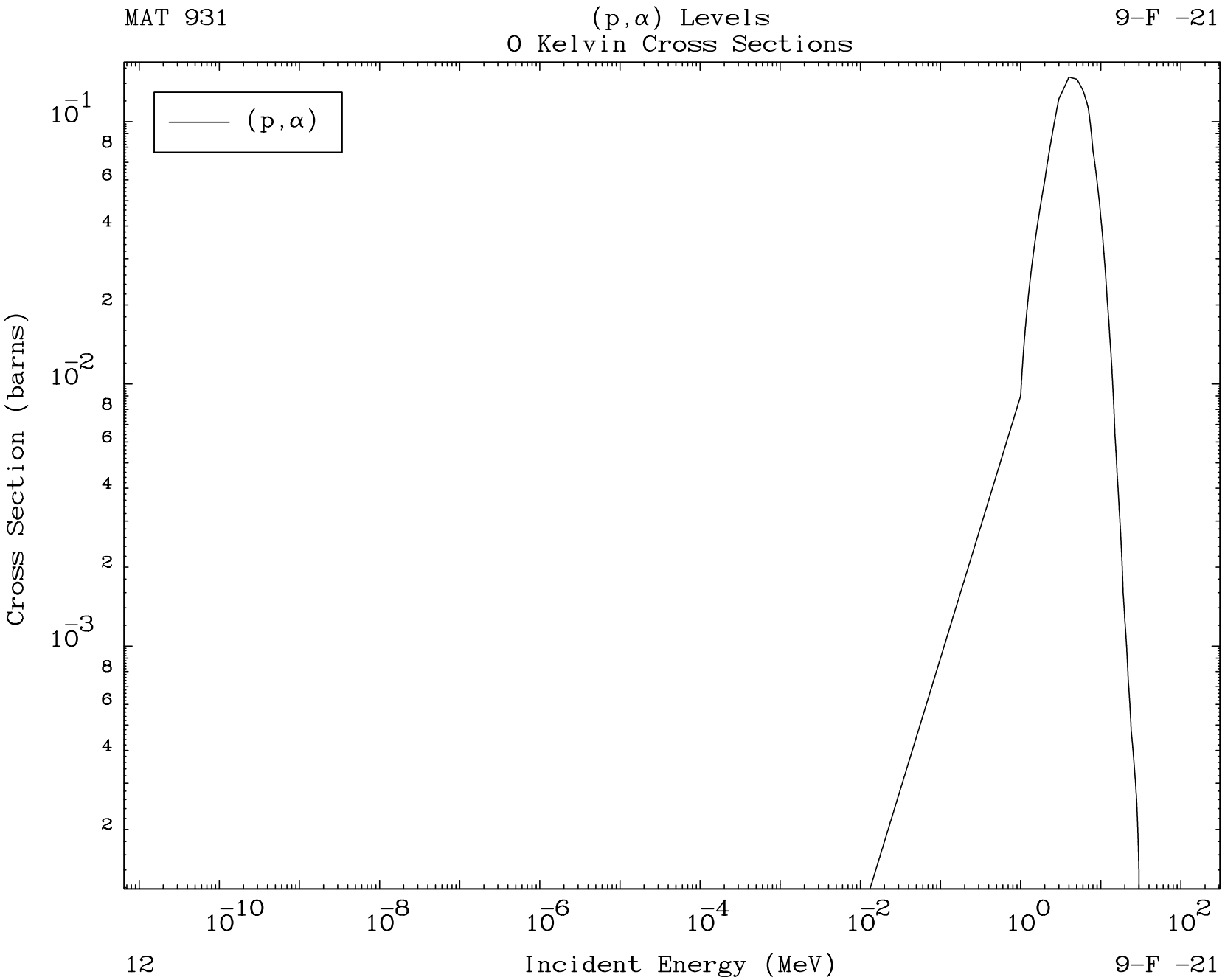

MAT 931
(p,n') Level
9-F -21
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
9-F -21


MAT 931
(p,p) Levels
9-F -21
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
8
9-F -21


MAT 931
(p,d) Levels
9-F -21
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
9
9-F -21


MAT 931
(p,t) Levels
9-F -21
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10⁻³
10⁻⁴
10⁻⁵
10⁻⁶
5
7 8 9 10¹ 2 3 4 5 6 7 8 9 10² 2
10
Incident Energy (MeV)
9-F -21


0 Kelvin Cross Sections
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
(p,He-3)
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
9-F -21


MAT 931
(p,α) Levels
9-F -21
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
10^-1
8
6
4
2
10^-2
8
6
4
2
10^-3
8
6
4
2
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
12
Incident Energy (MeV)
9-F -21