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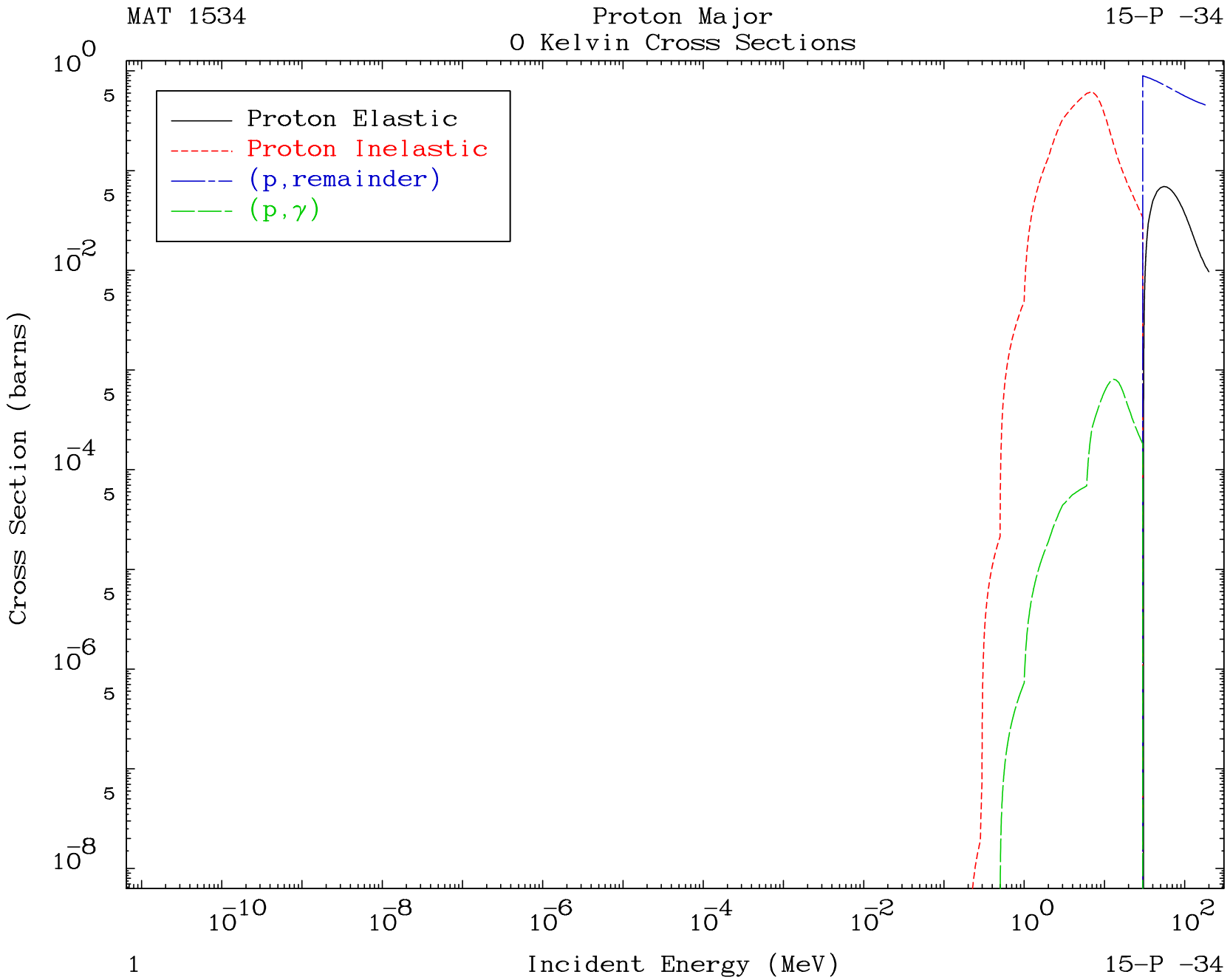
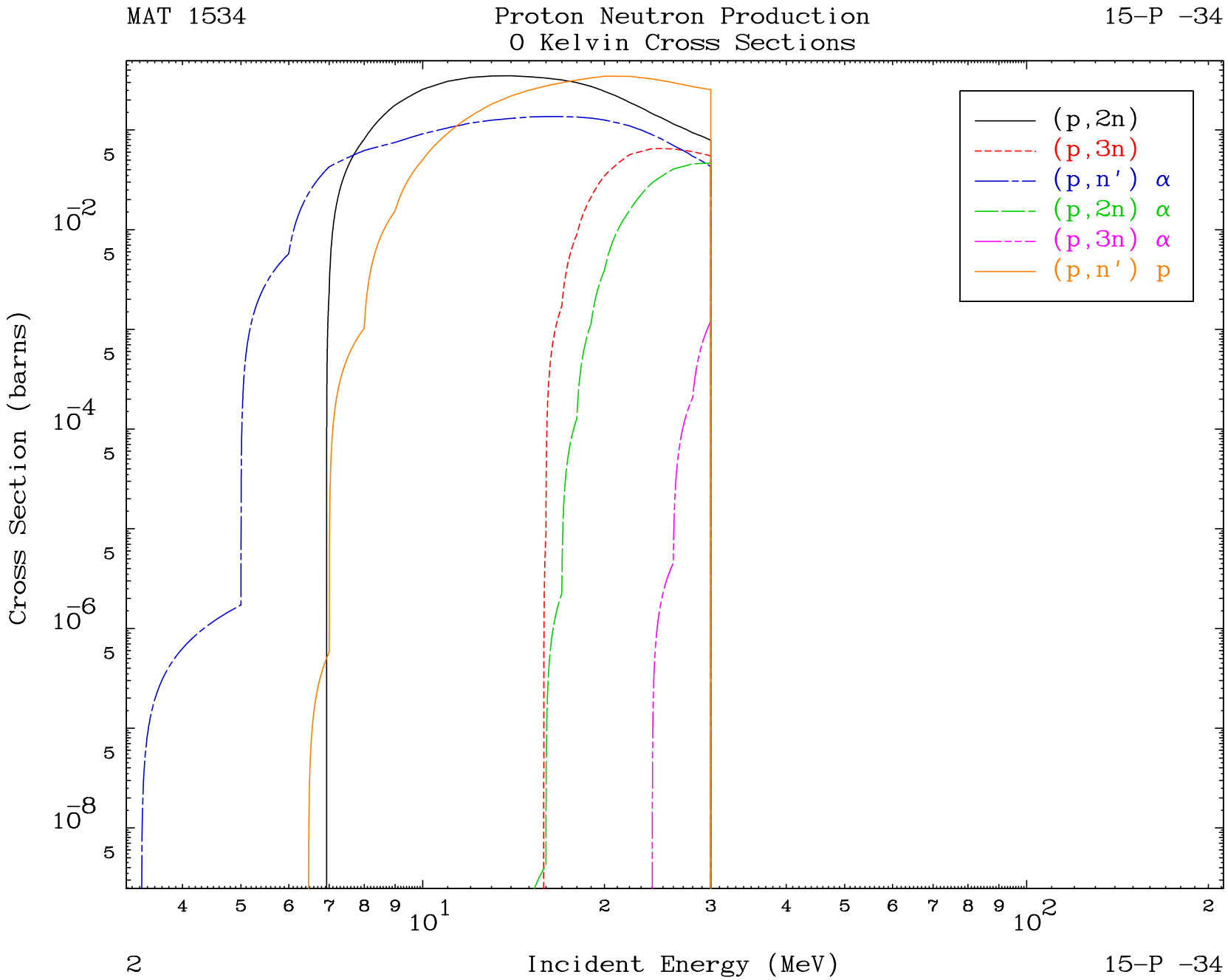
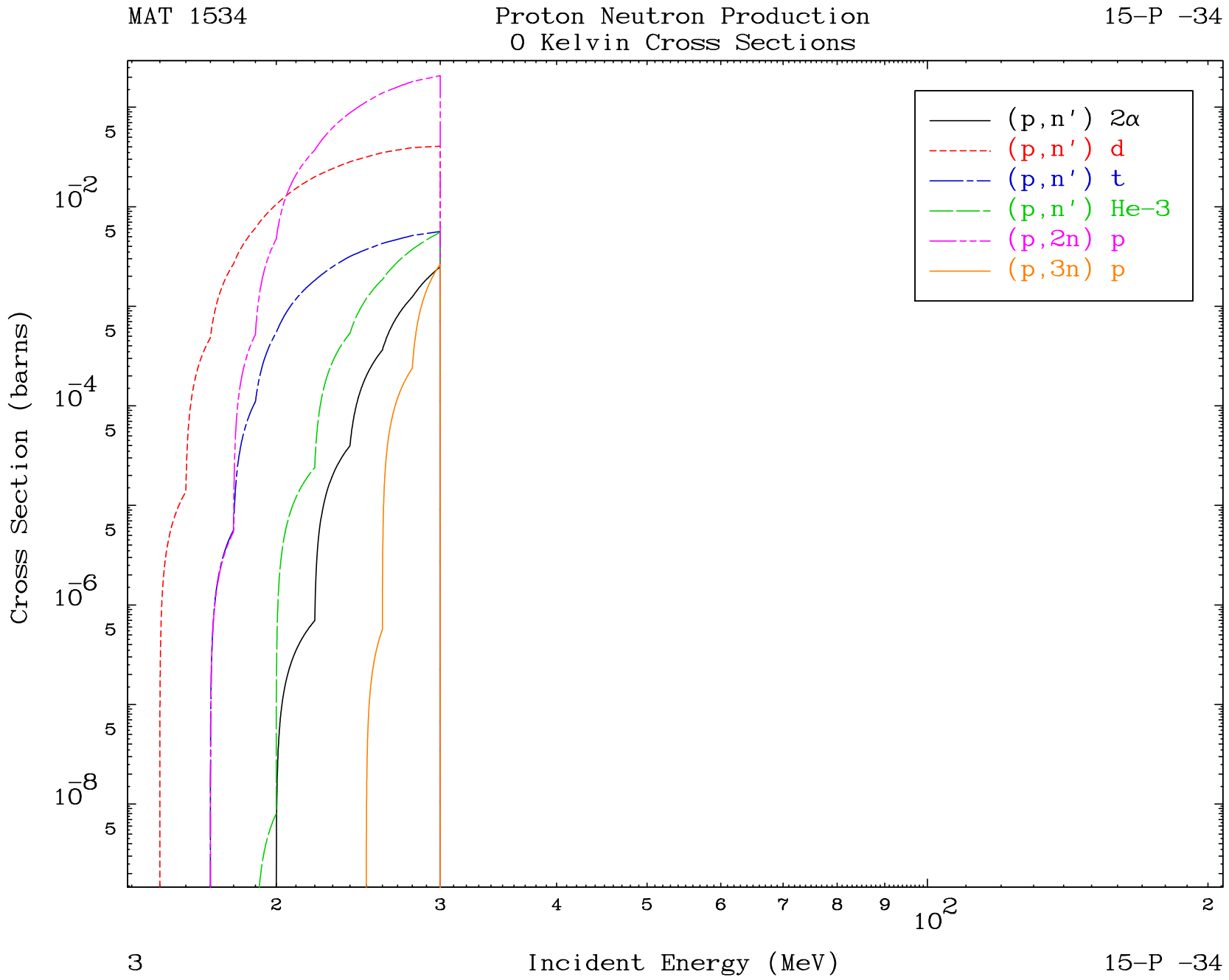
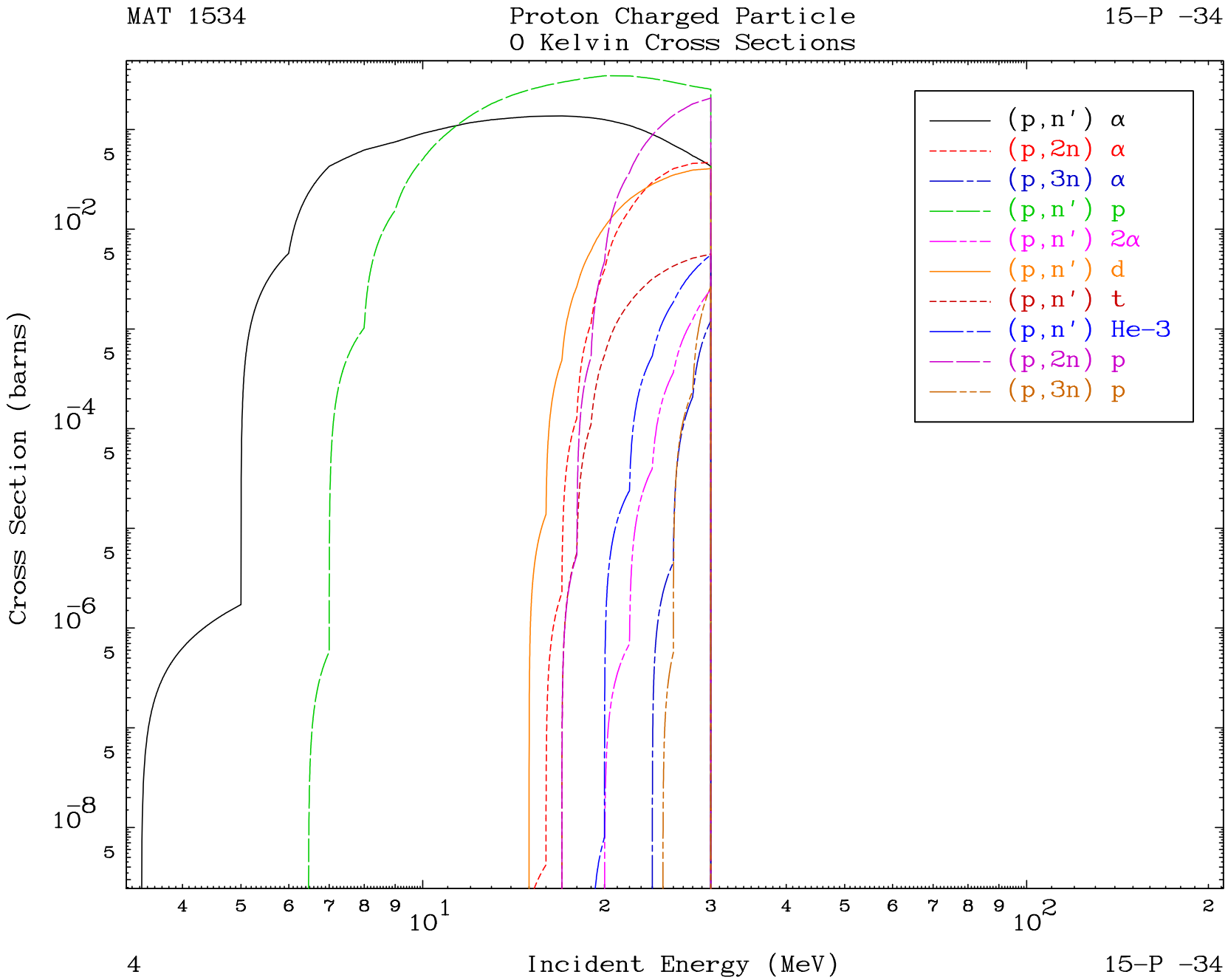
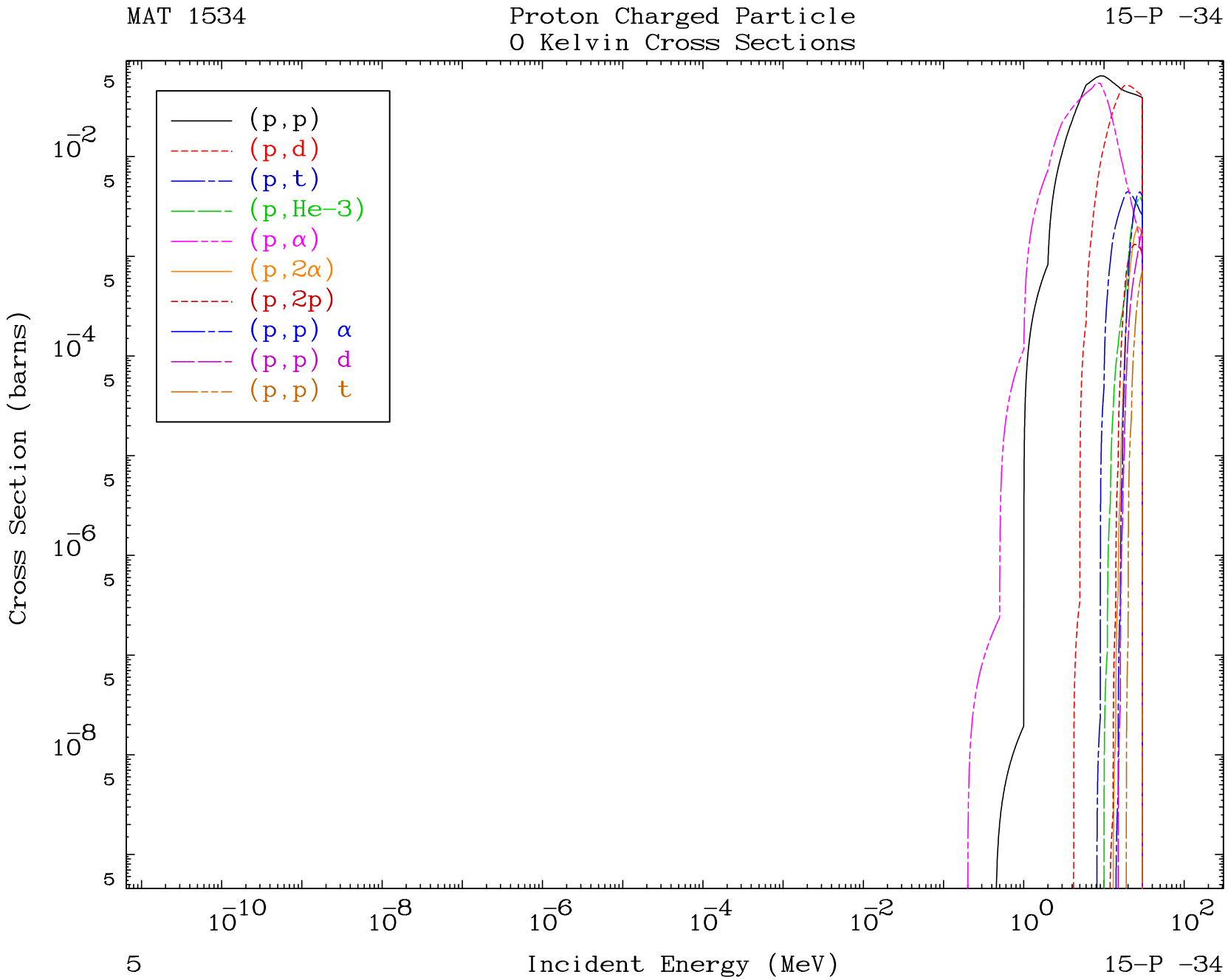
Press Mouse Button to Start

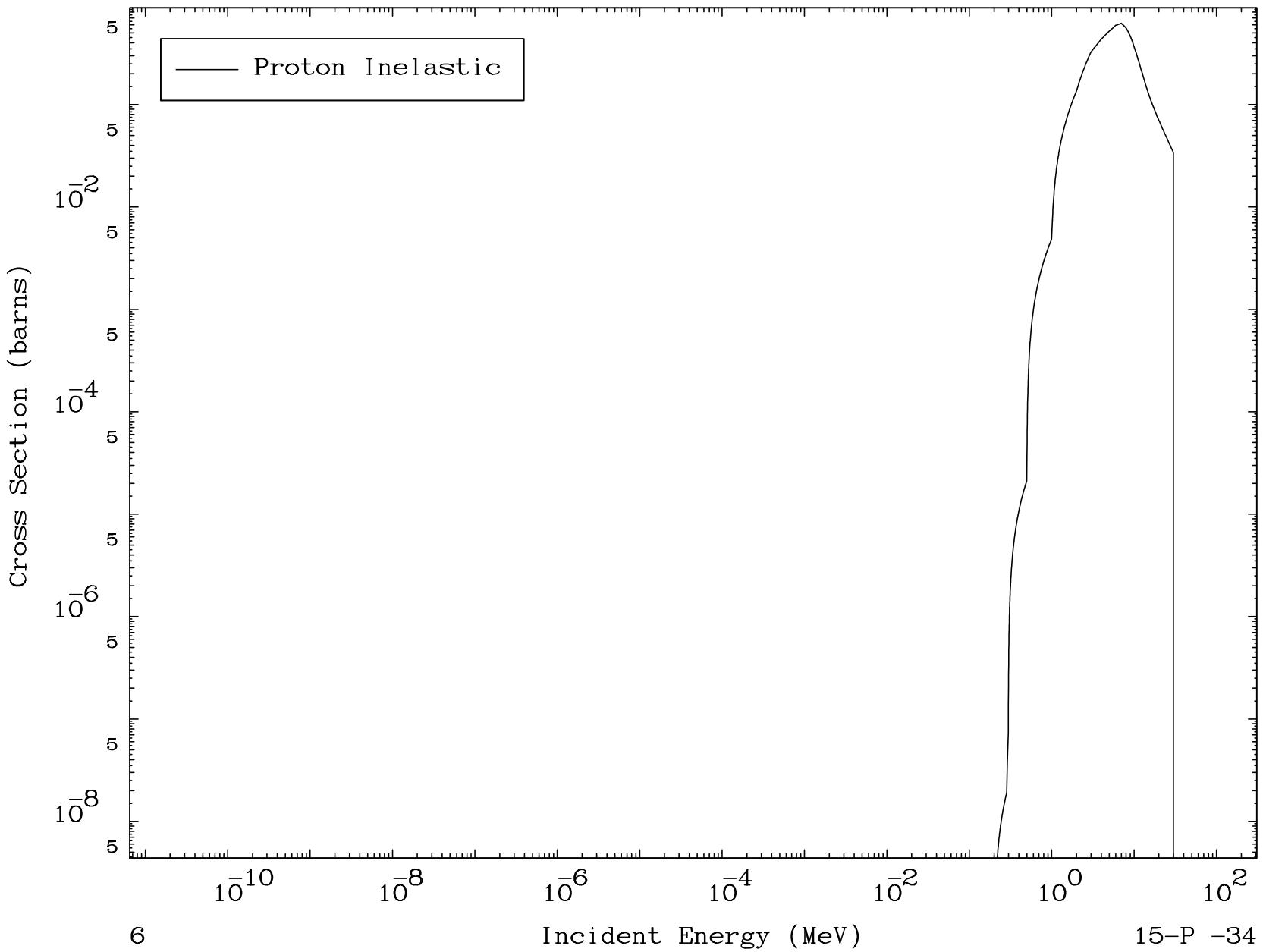

MAT 1534
Proton Major
15-P -34
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
15-P -34
1

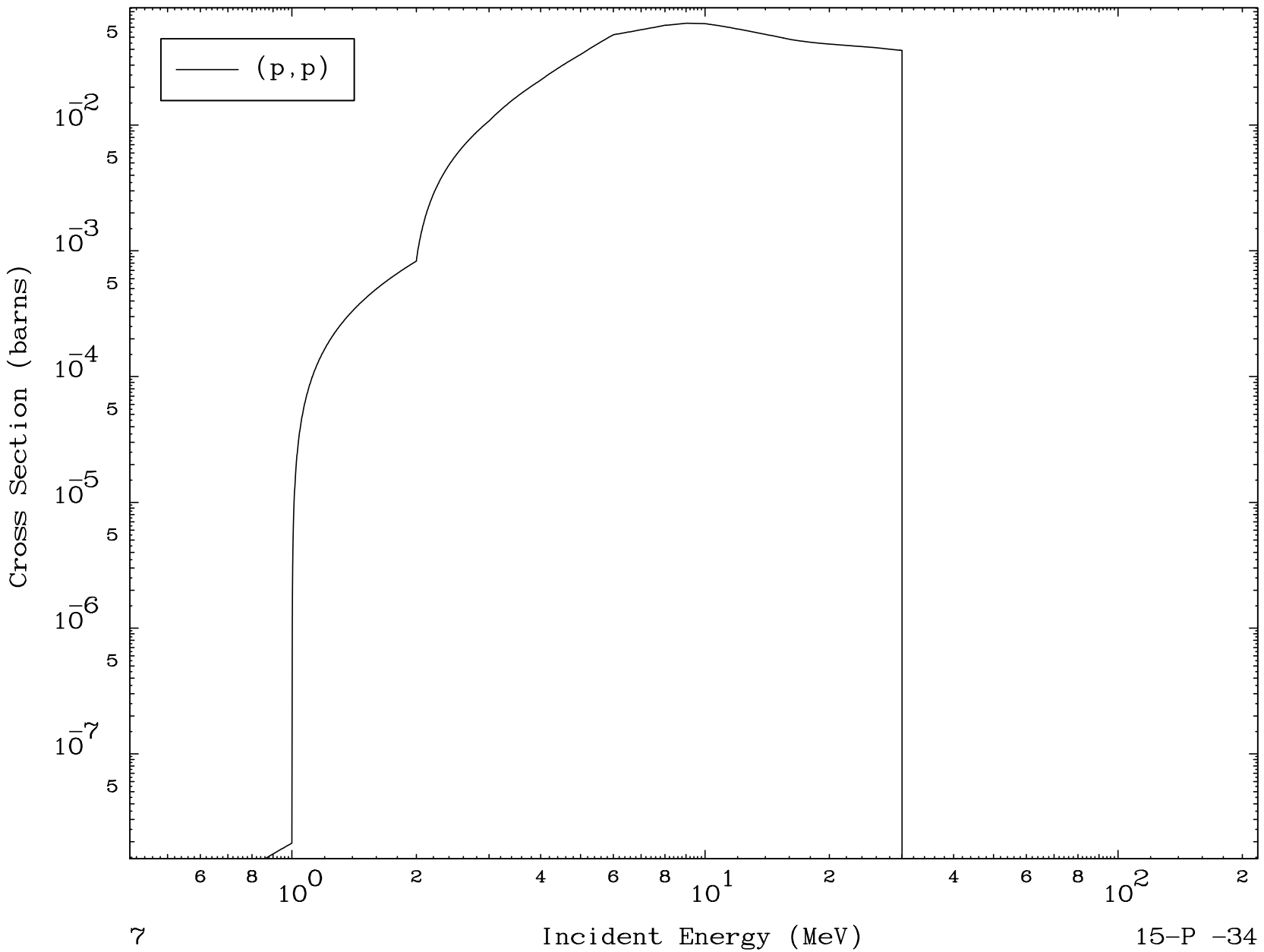

MAT 1534
Proton Neutron Production
0 Kelvin Cross Sections
15-P -34
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
2
15-P -34

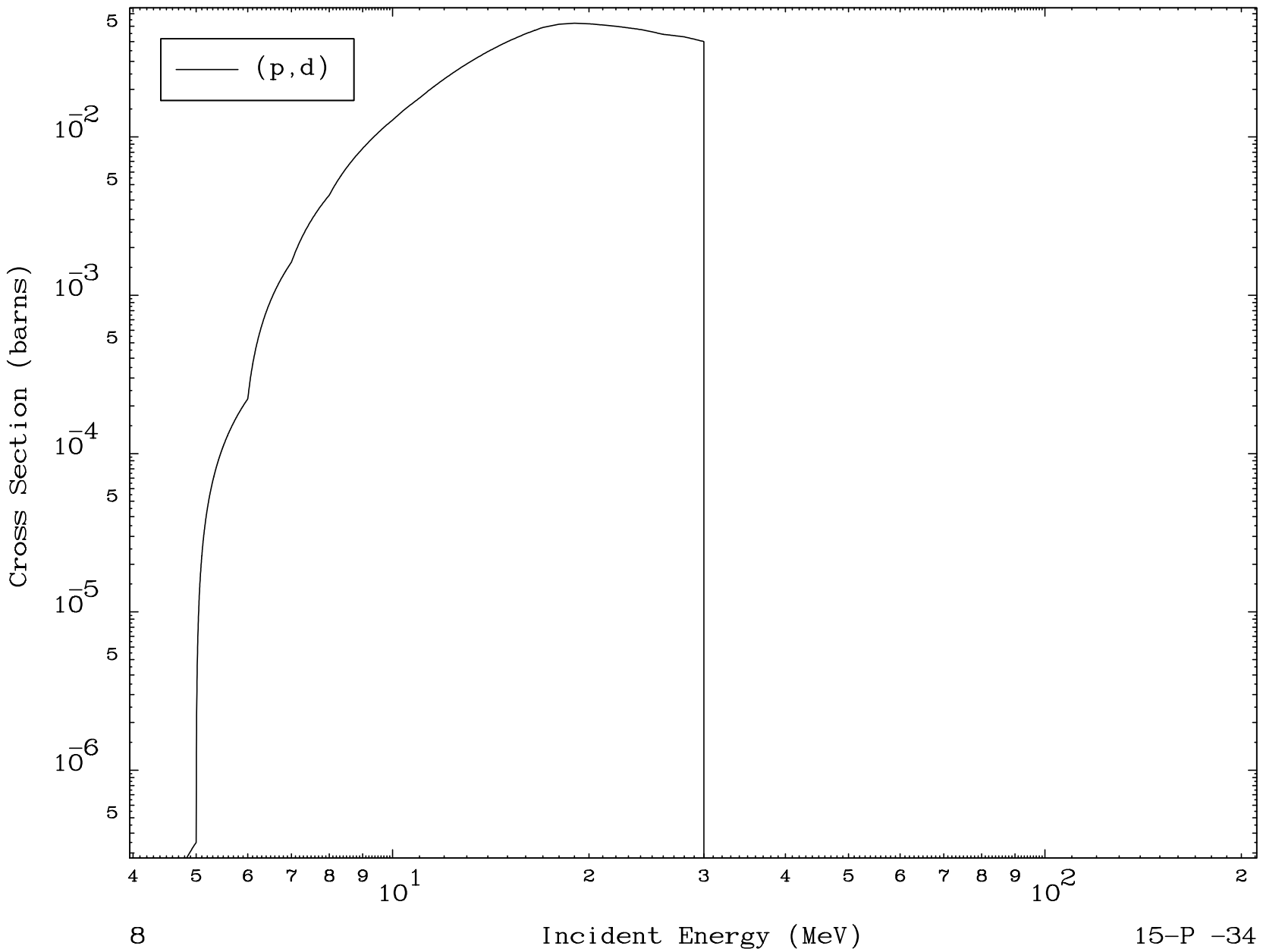

MAT 1534
Proton Neutron Production
0 Kelvin Cross Sections
15-P -34
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
3
15-P -34

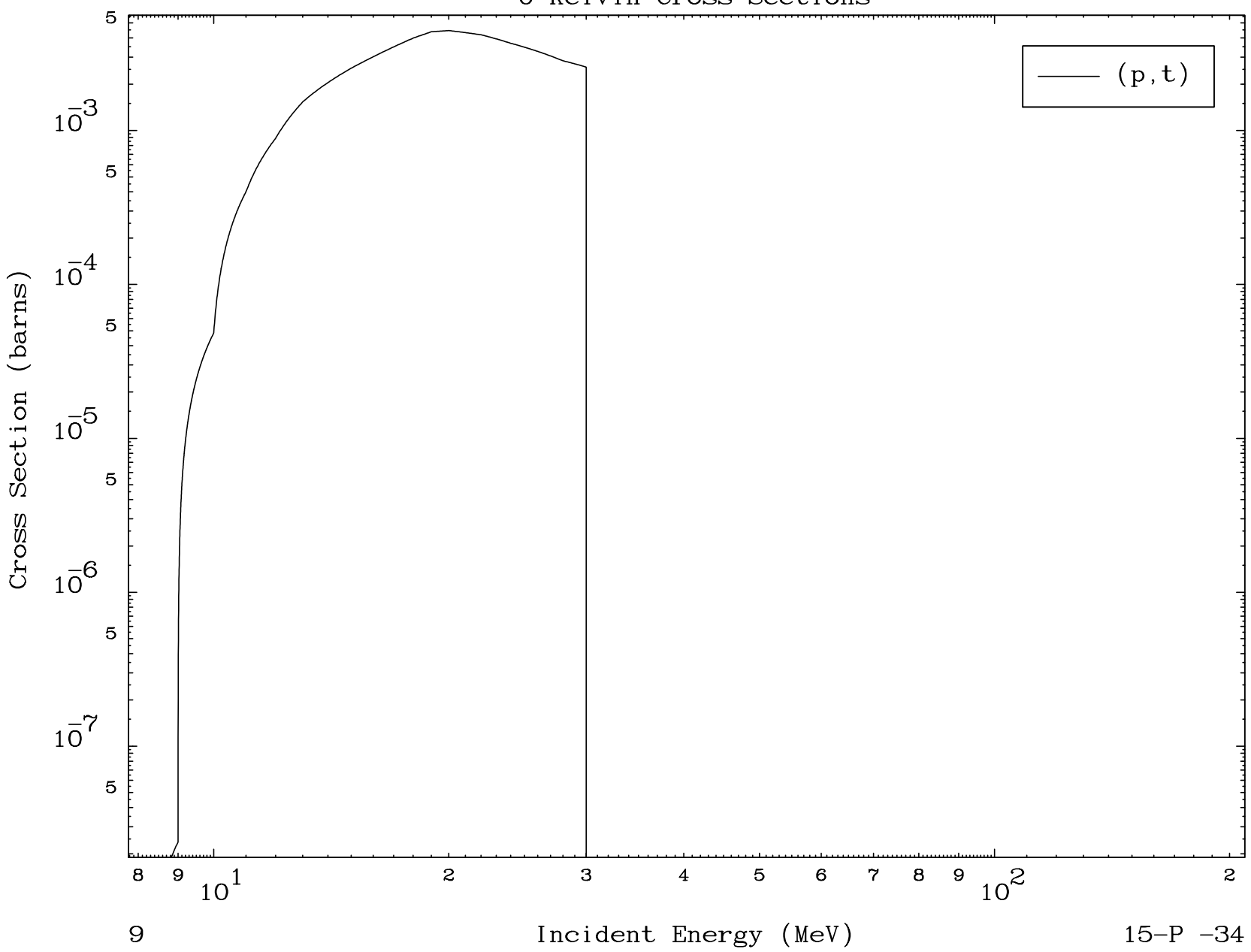

MAT 1534
Proton Charged Particle
0 Kelvin Cross Sections
15-P -34
Cross Section (barns)
Incident Energy (MeV)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
4
15-P -34

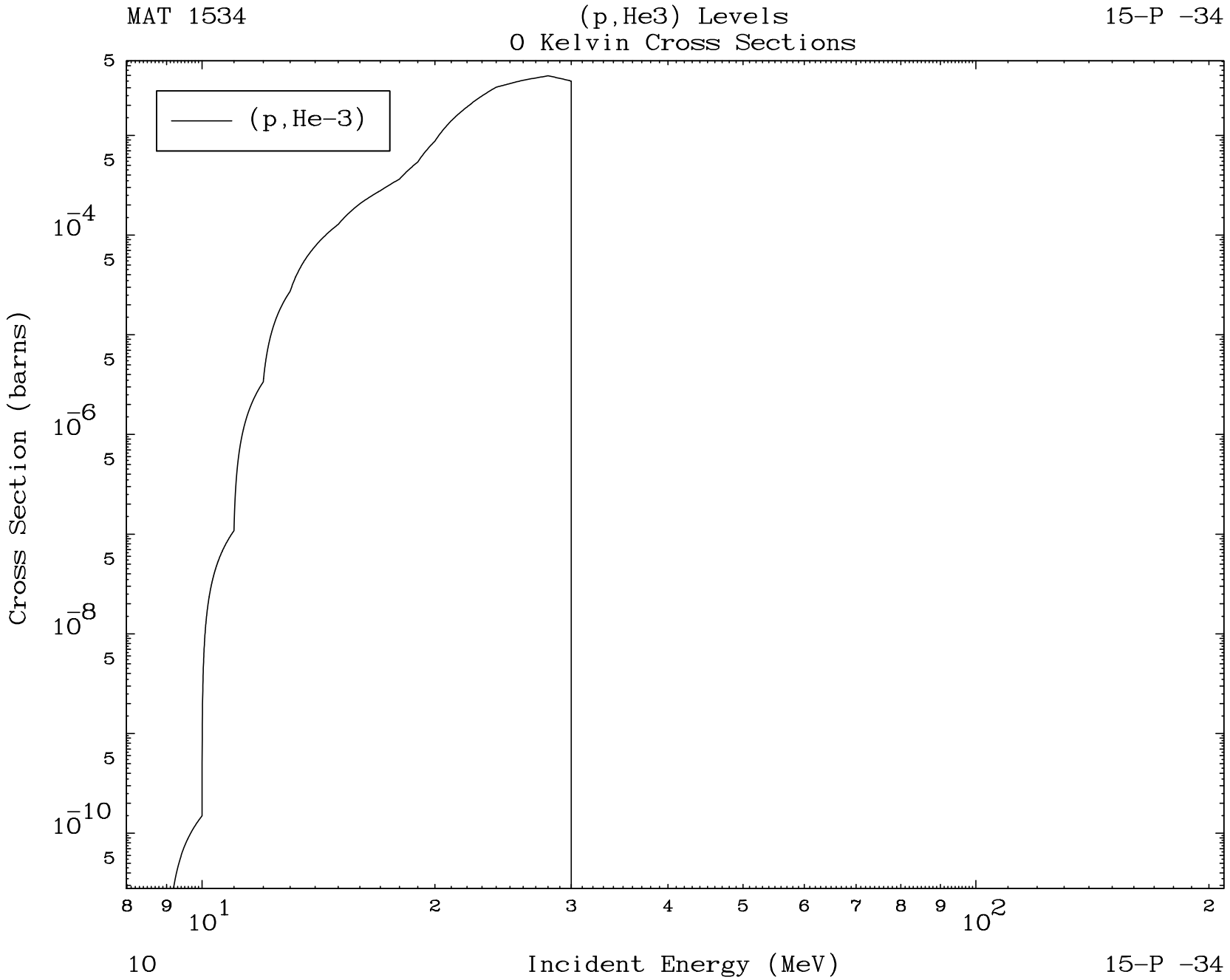

MAT 1534
Proton Charged Particle
0 Kelvin Cross Sections
15-P -34
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
15-P -34

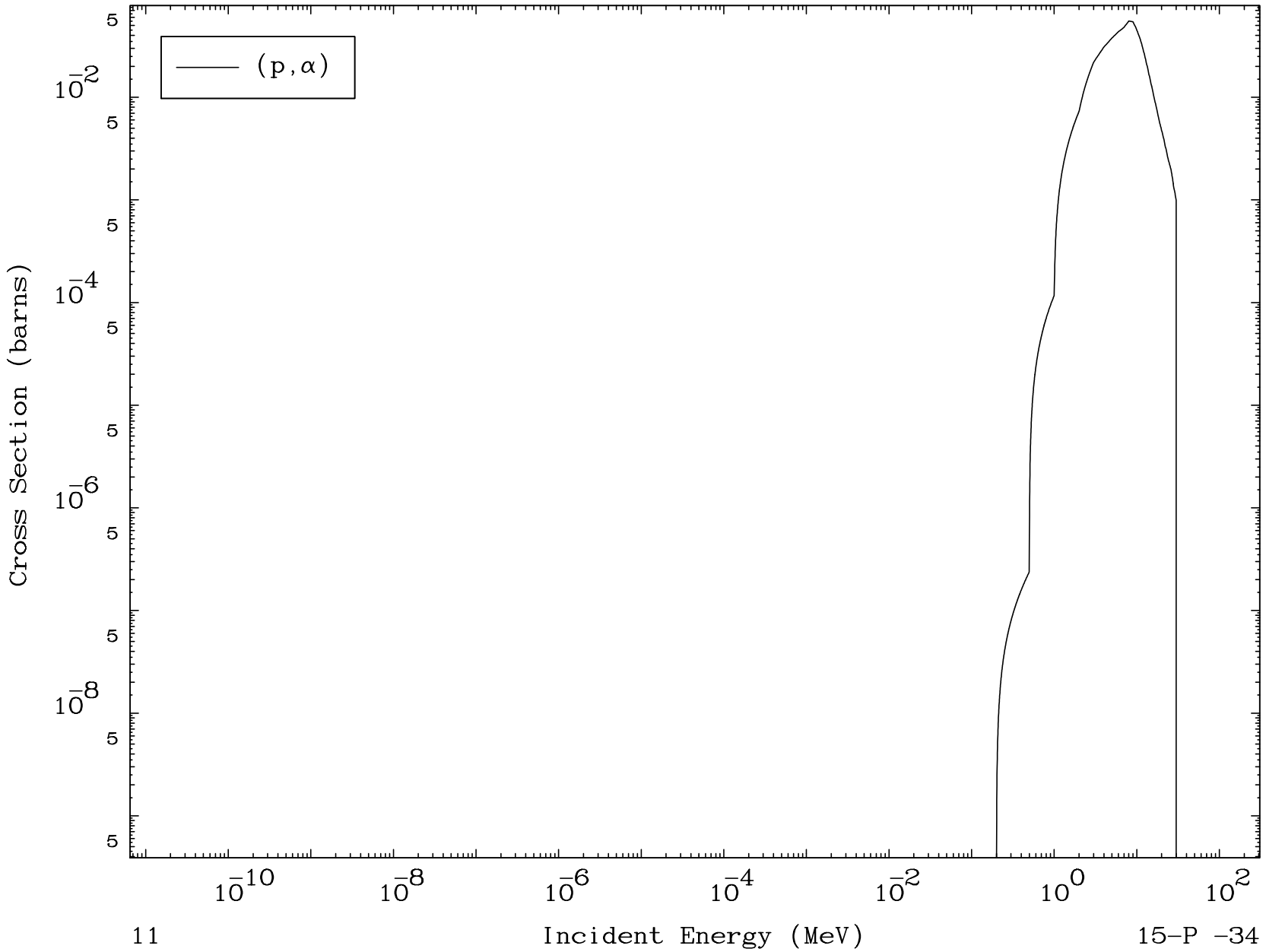

0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{0}
10^{2}


0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)


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


MAT 1534
(p,He3) Levels
15-P -34
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
15-P -34


0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2