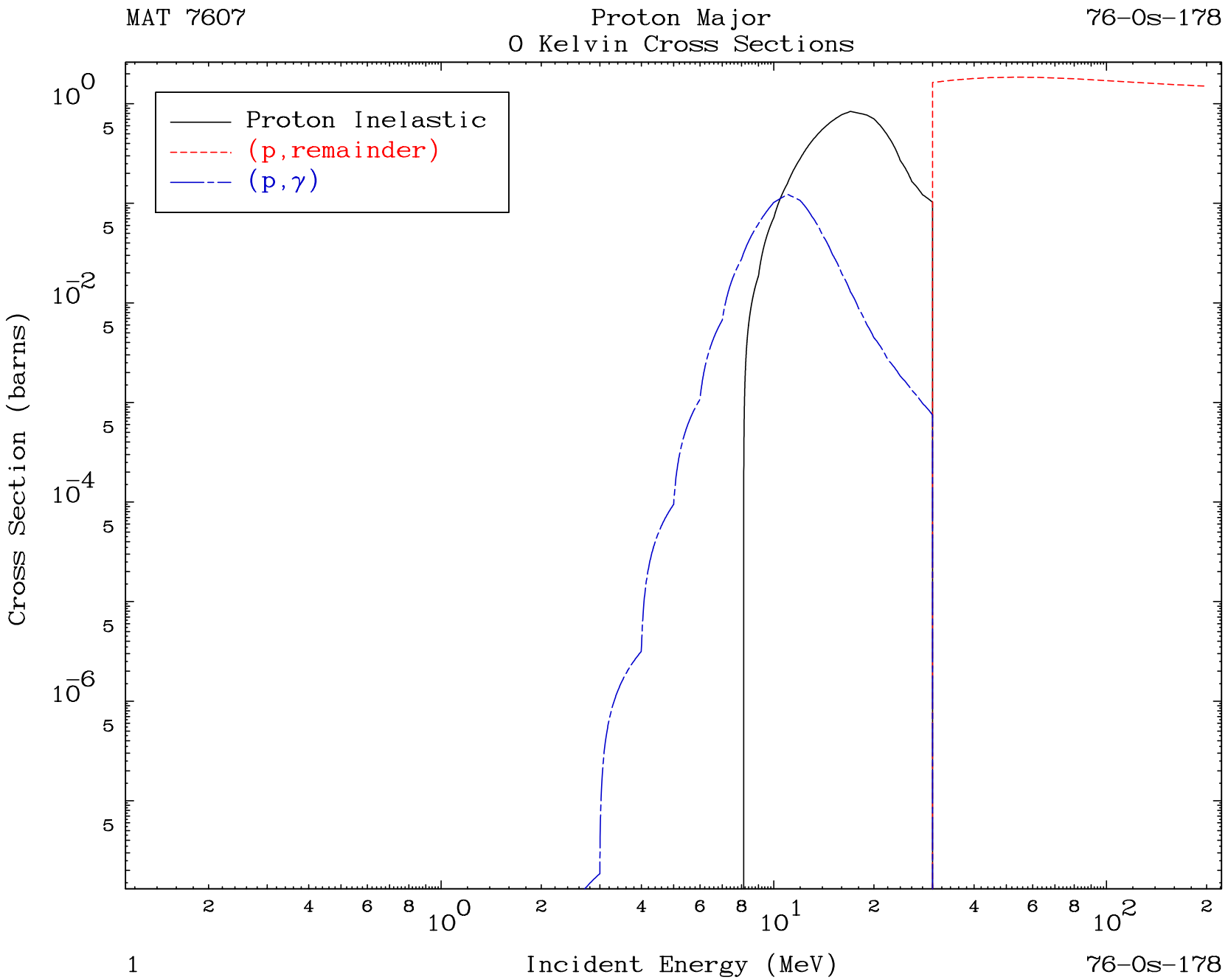
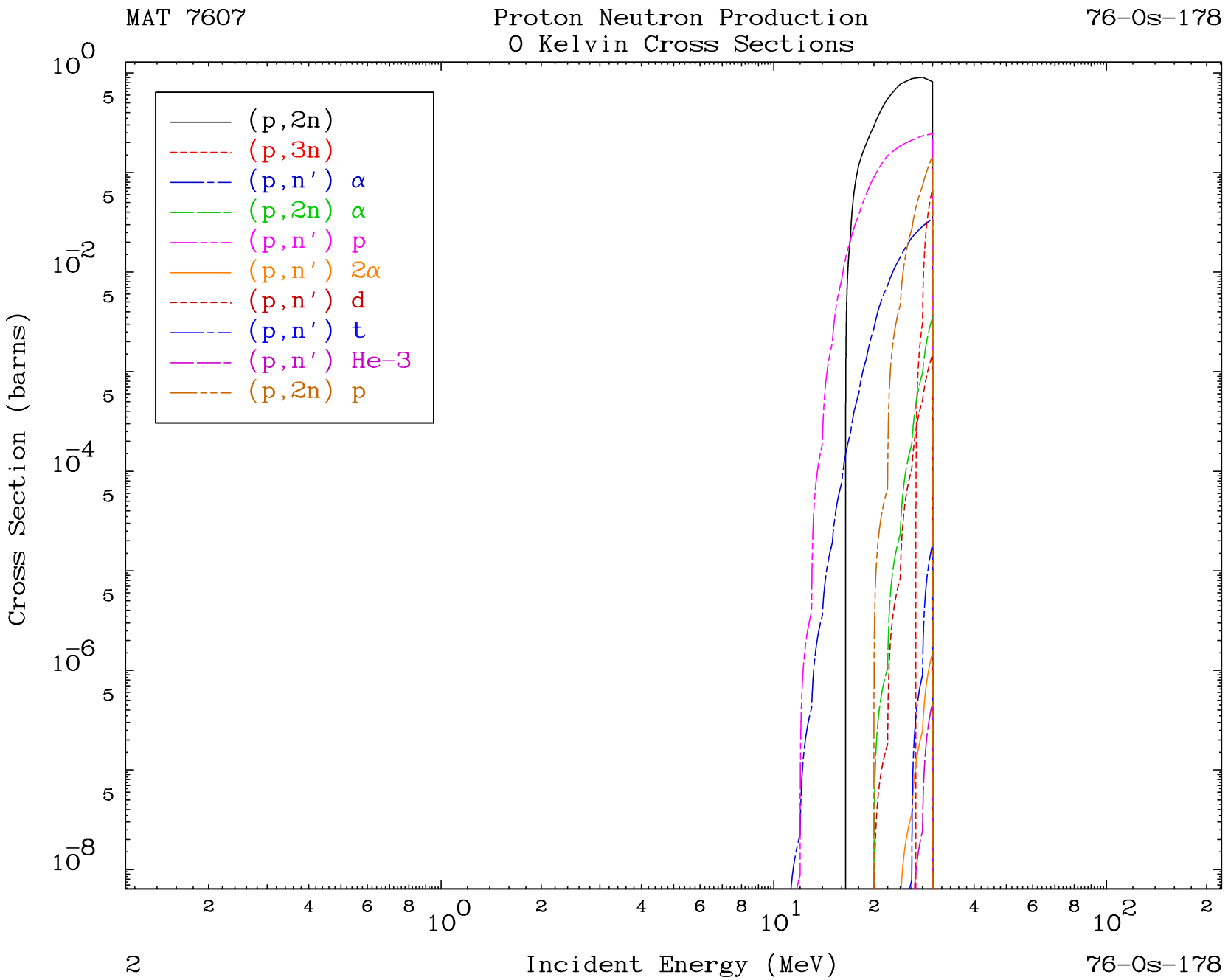
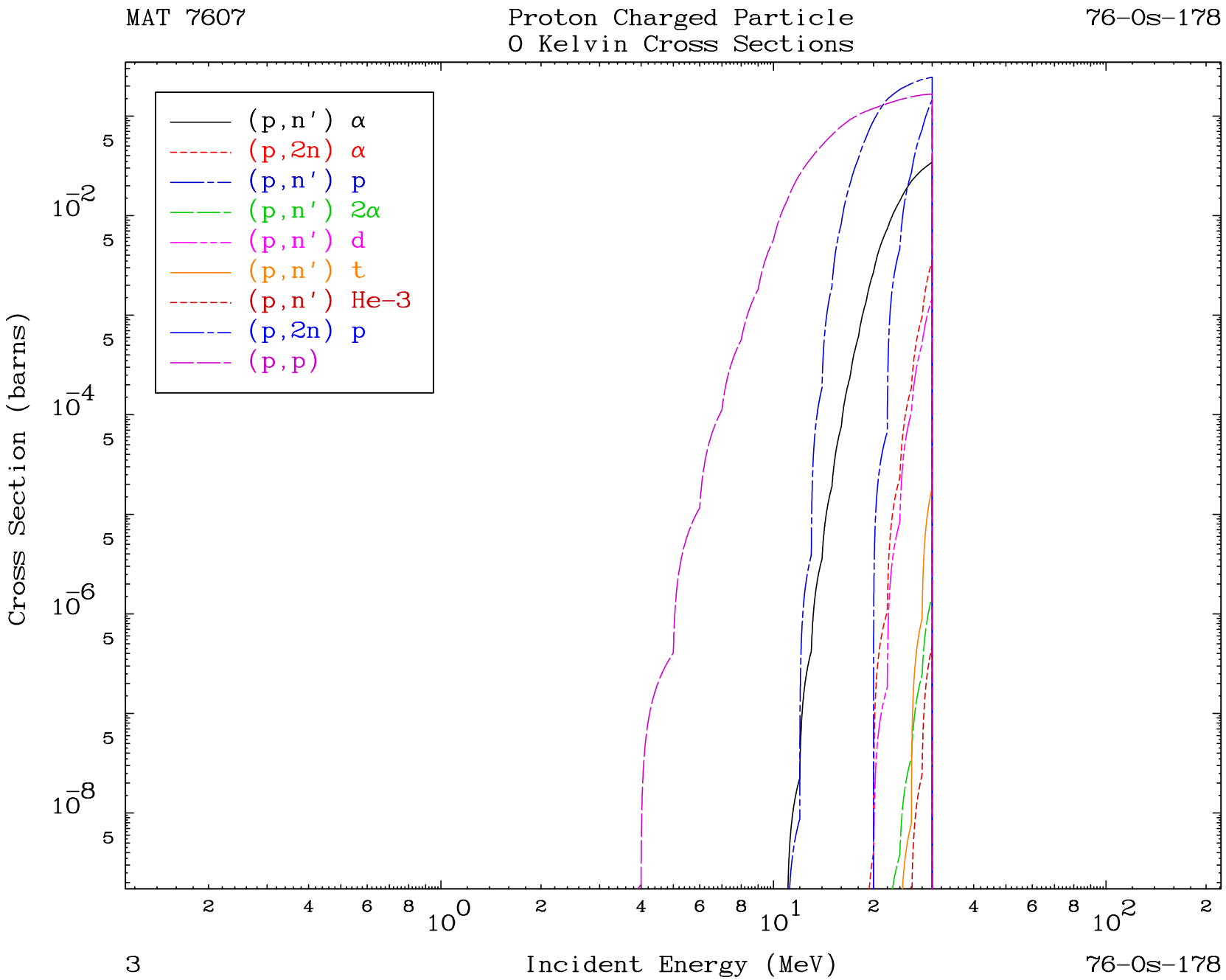
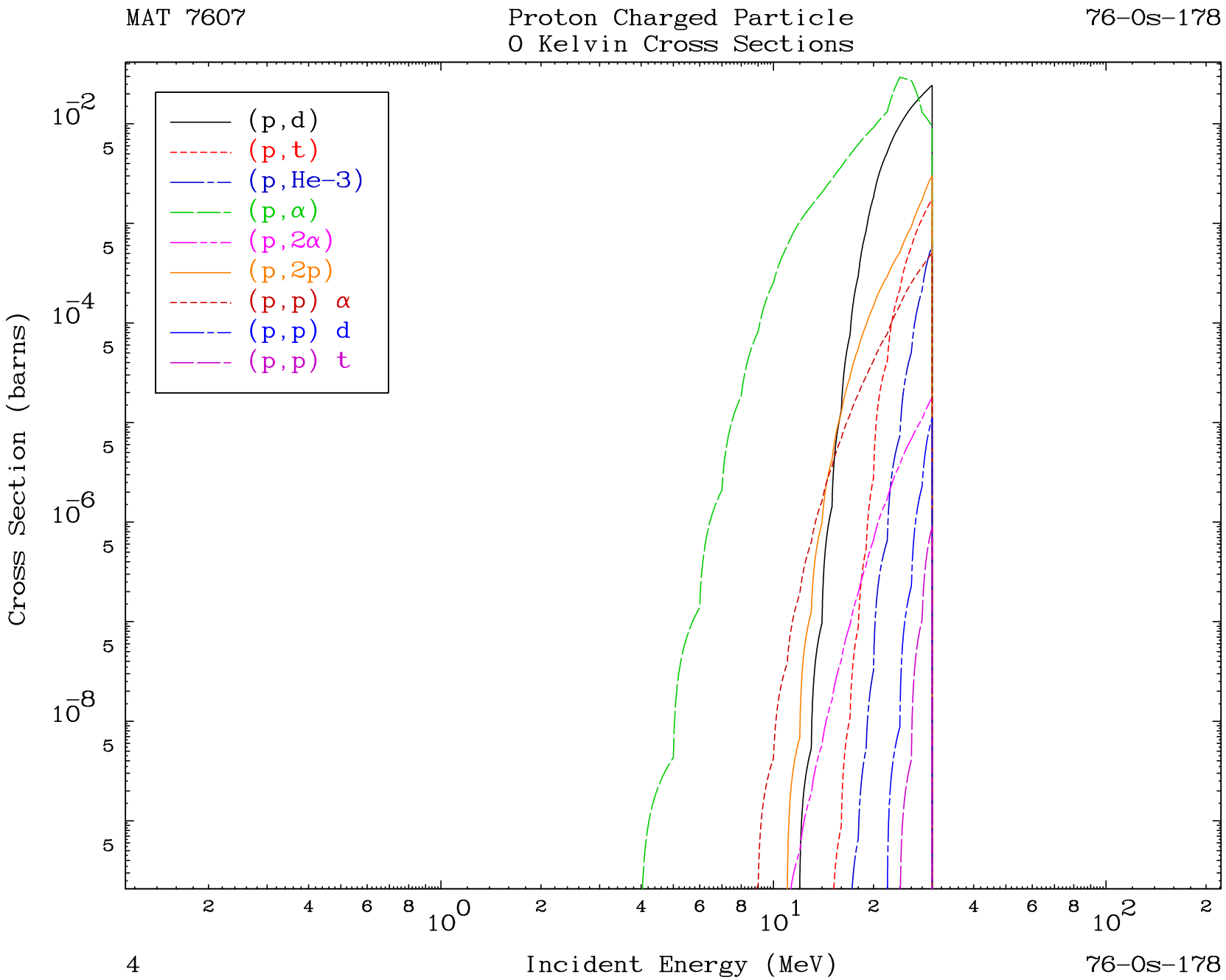
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

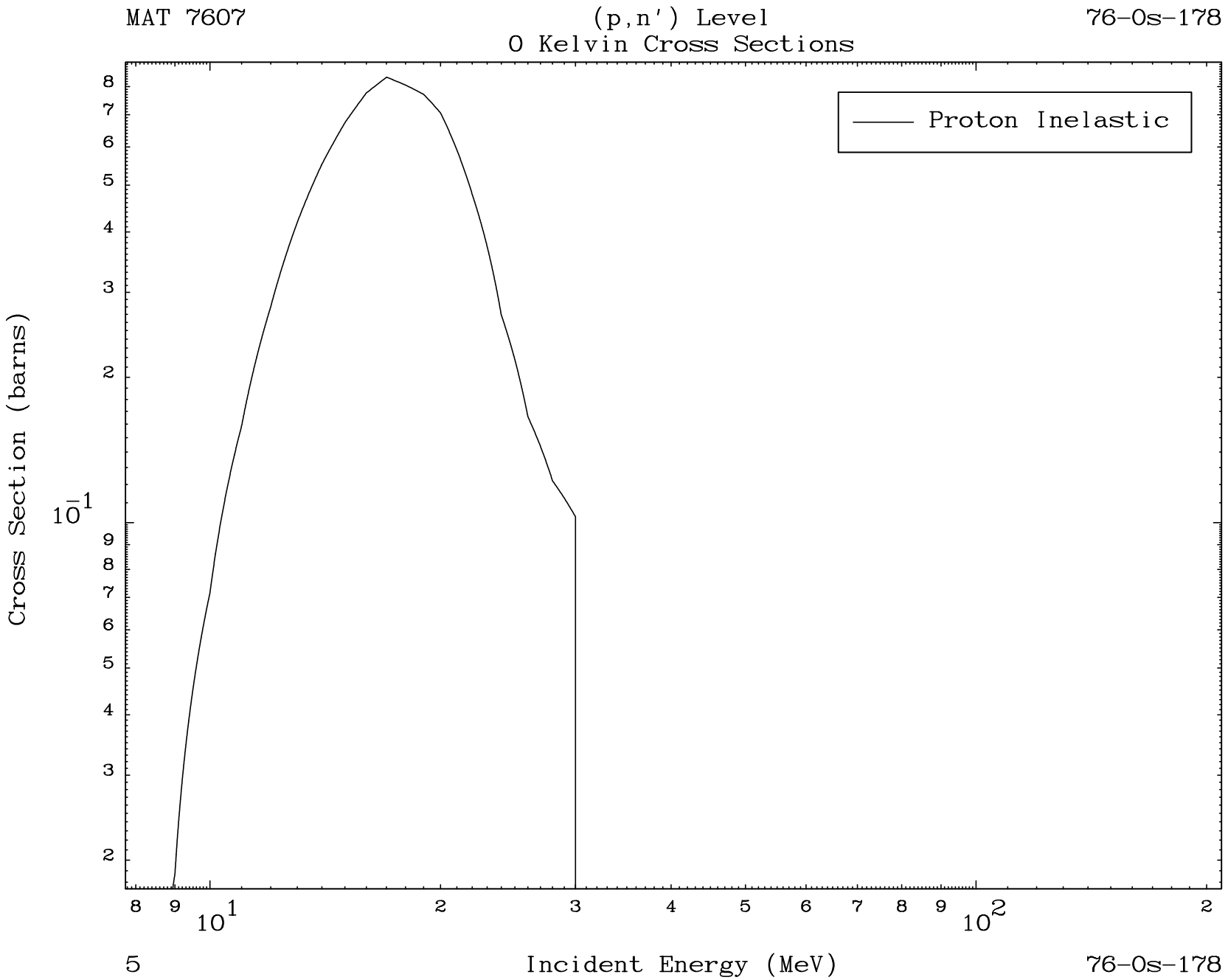
Press Mouse Button to Start

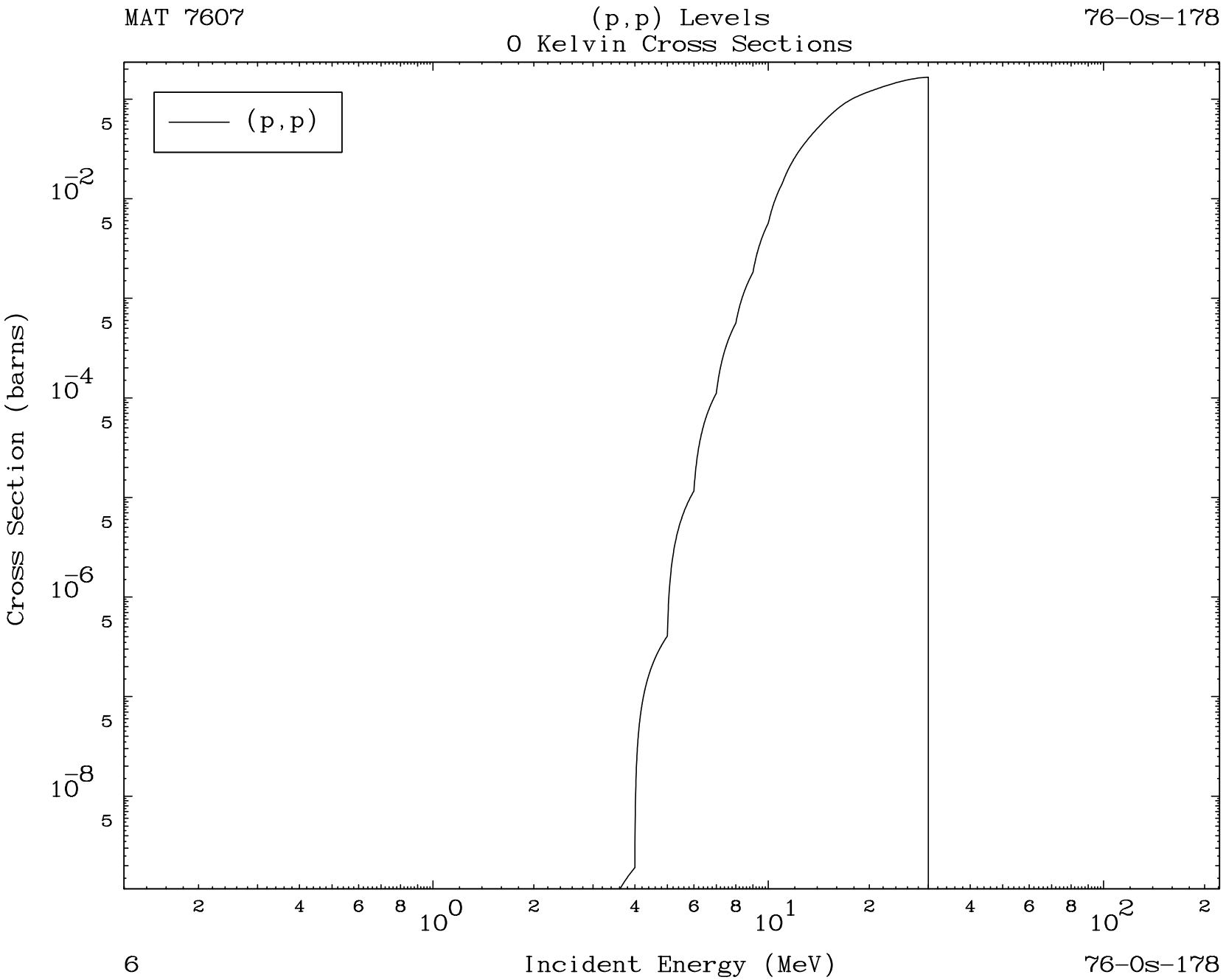

MAT 7607
Proton Major
76-0s-178
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
76-0s-178

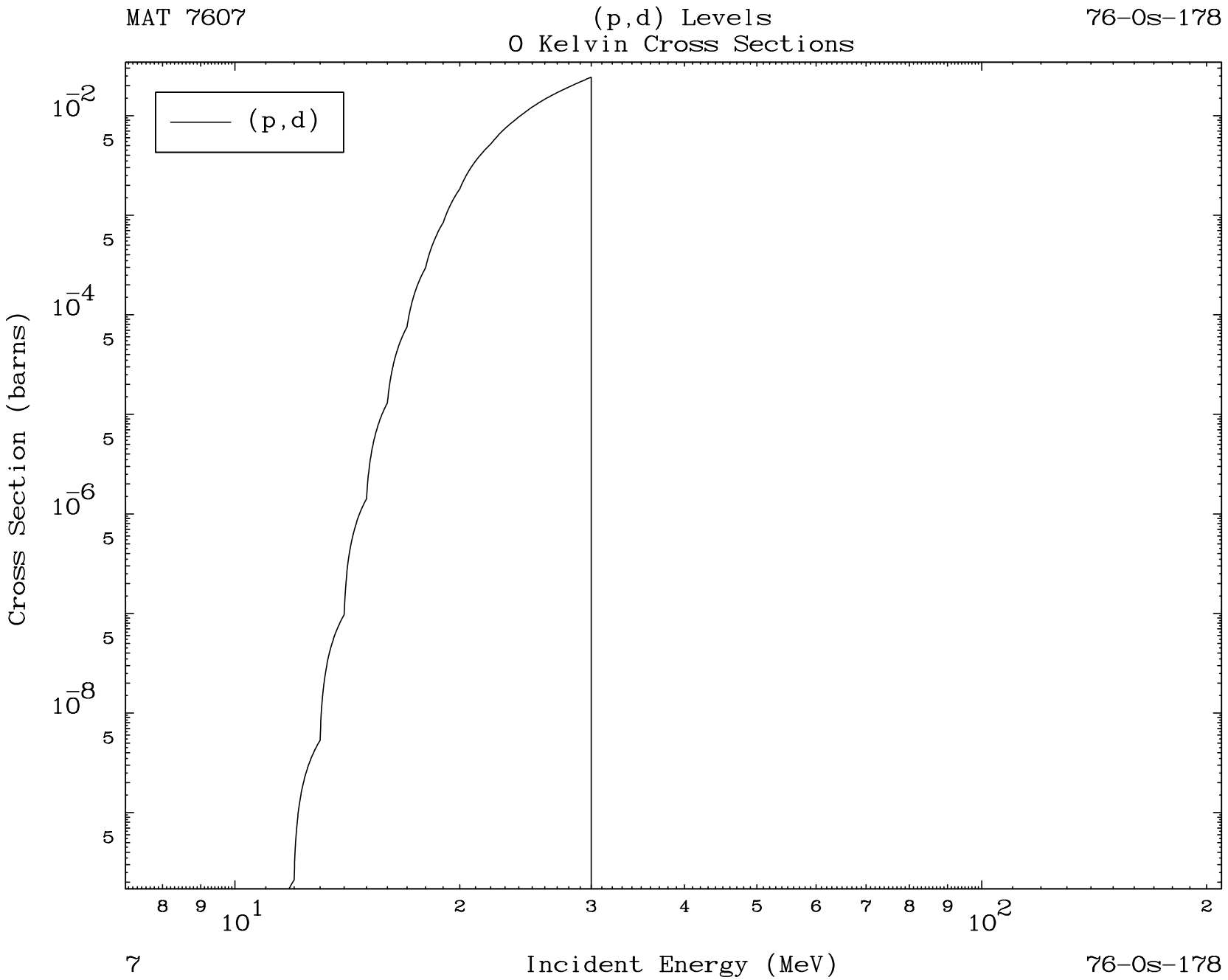

MAT 7607
Proton Neutron Production
0 Kelvin Cross Sections
76-0s-178
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
76-0s-178

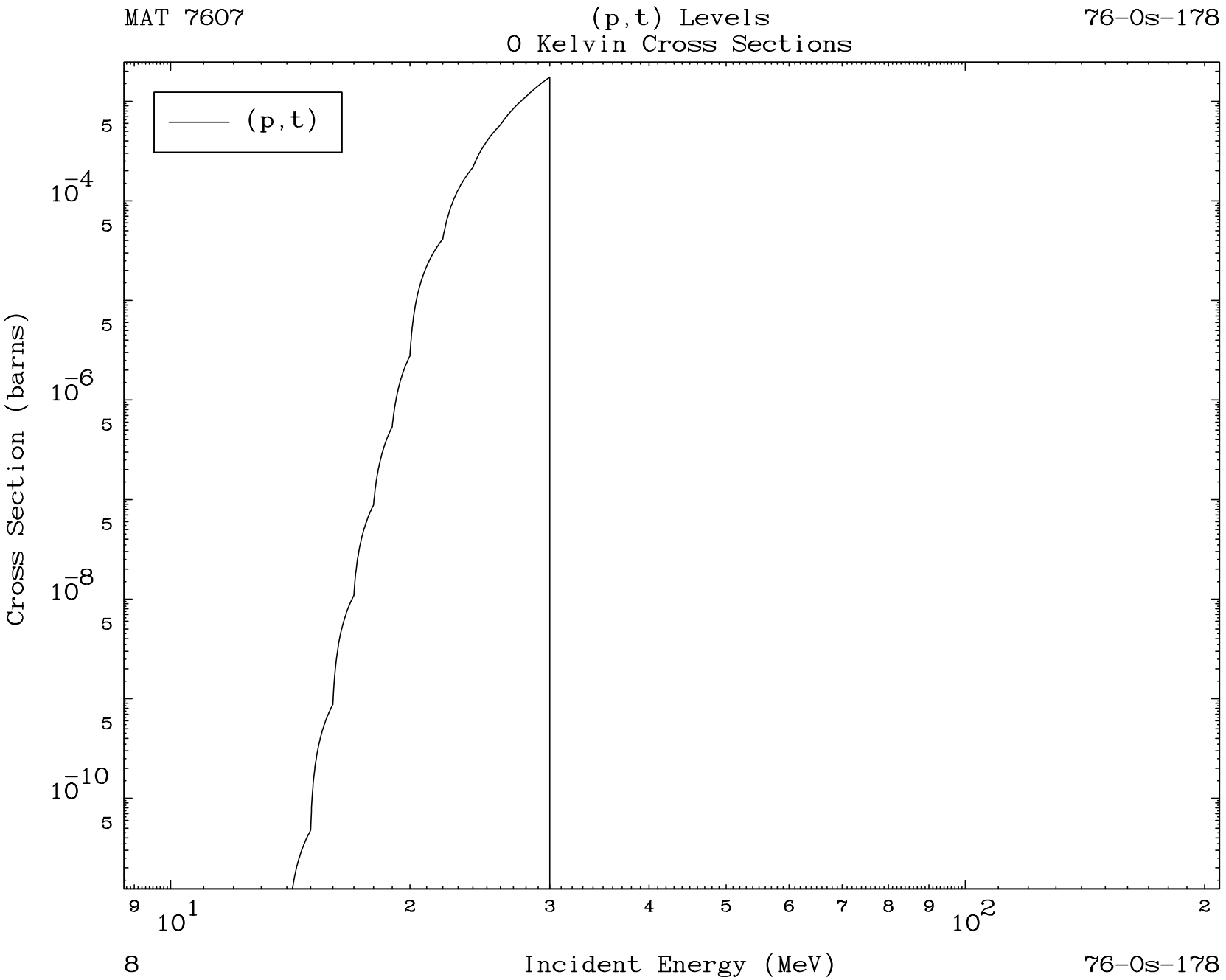

MAT 7607
Proton Charged Particle
0 Kelvin Cross Sections
76-0s-178
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
3
76-0s-178

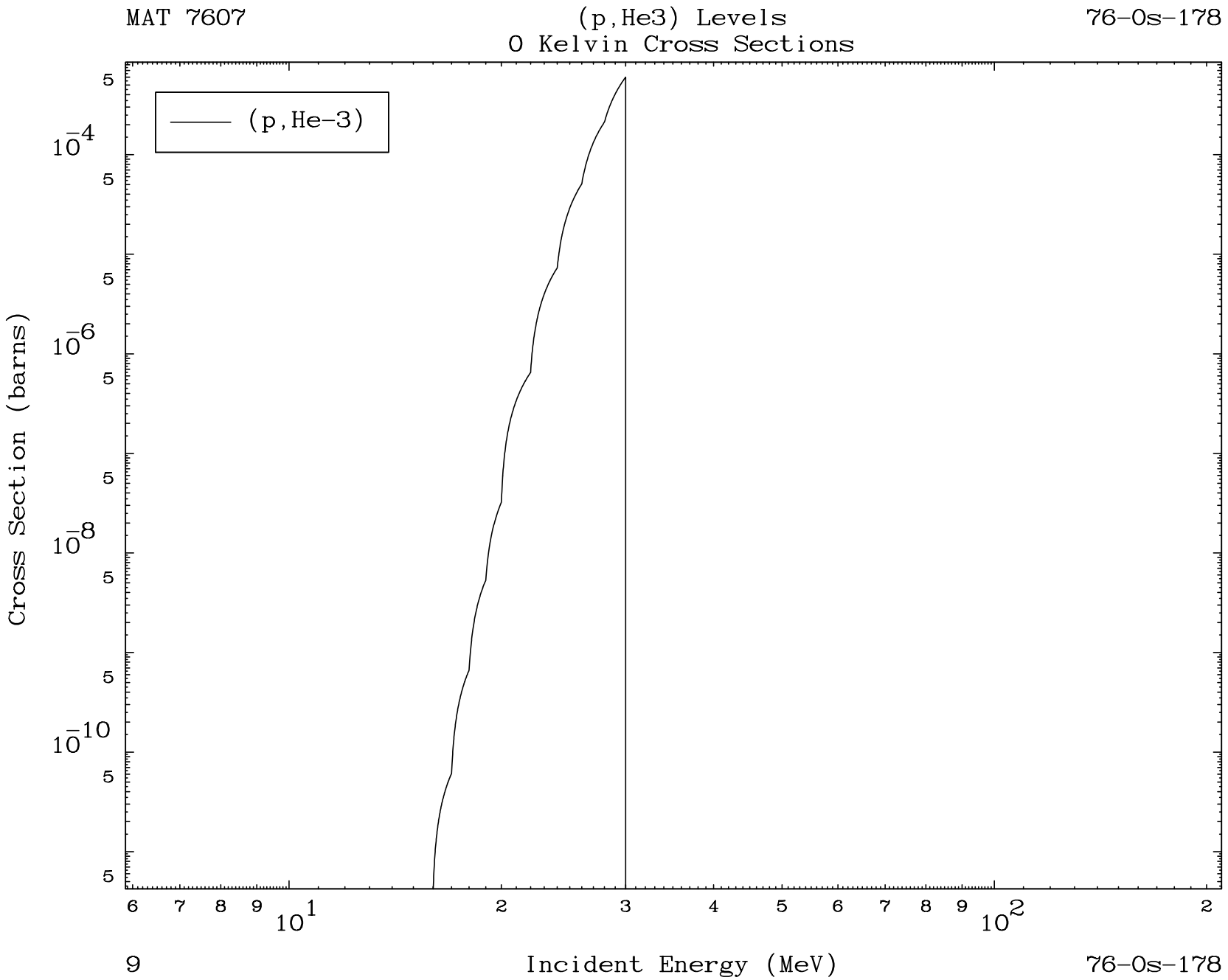

MAT 7607
Proton Charged Particle
0 Kelvin Cross Sections
76-0s-178
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
76-0s-178

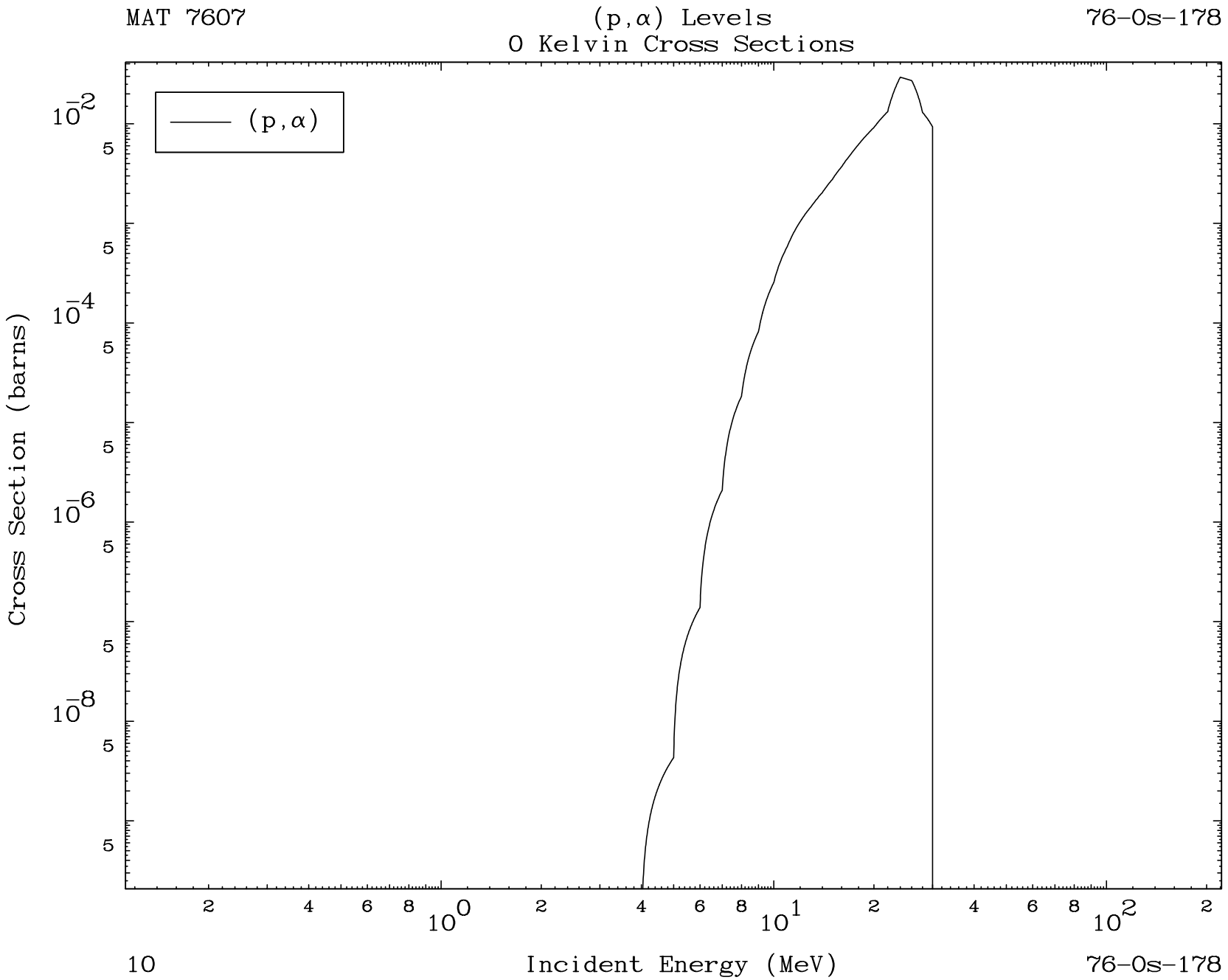

MAT 7607
(p,n') Level
76-0s-178
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
76-0s-178


MAT 7607
(p,p) Levels
76-0s-178
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
76-0s-178


MAT 7607
(p,d) Levels
76-0s-178
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
76-0s-178


MAT 7607
(p,t) Levels
76-0s-178
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^1
10^2
8
76-0s-178


MAT 7607
(p,He3) Levels
76-0s-178
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
76-0s-178


MAT 7607
(p,α) Levels
76-0s-178
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
76-0s-178