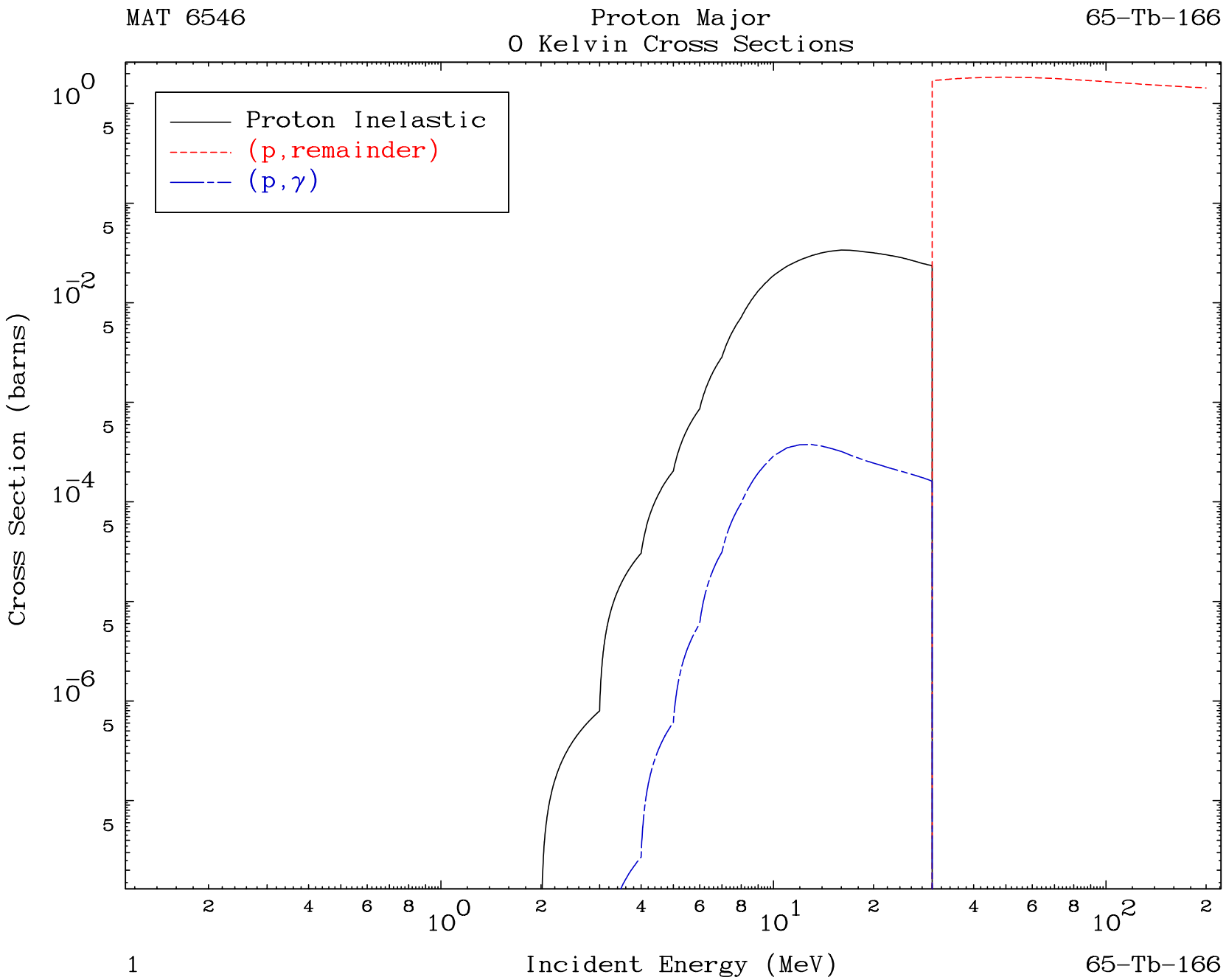
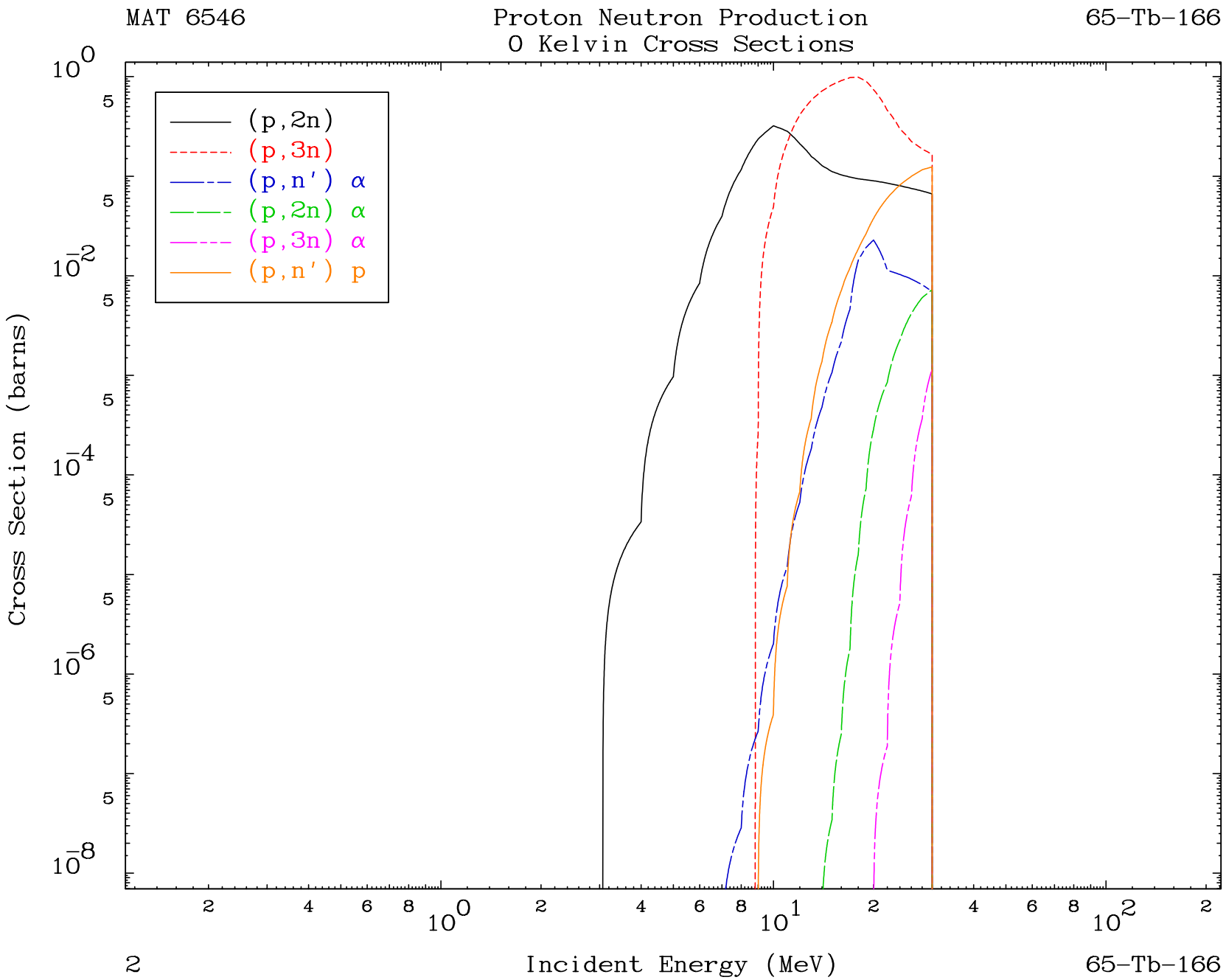
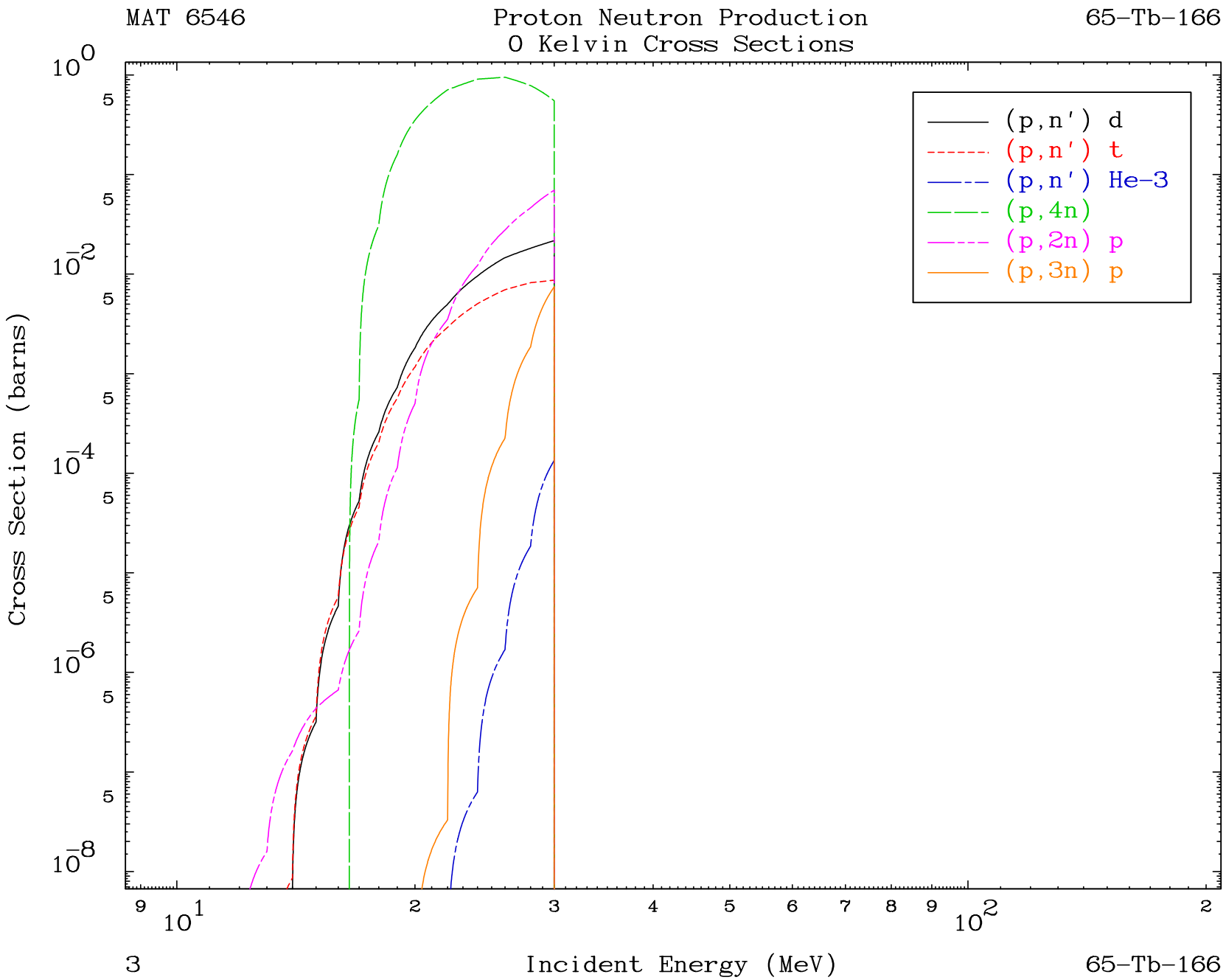
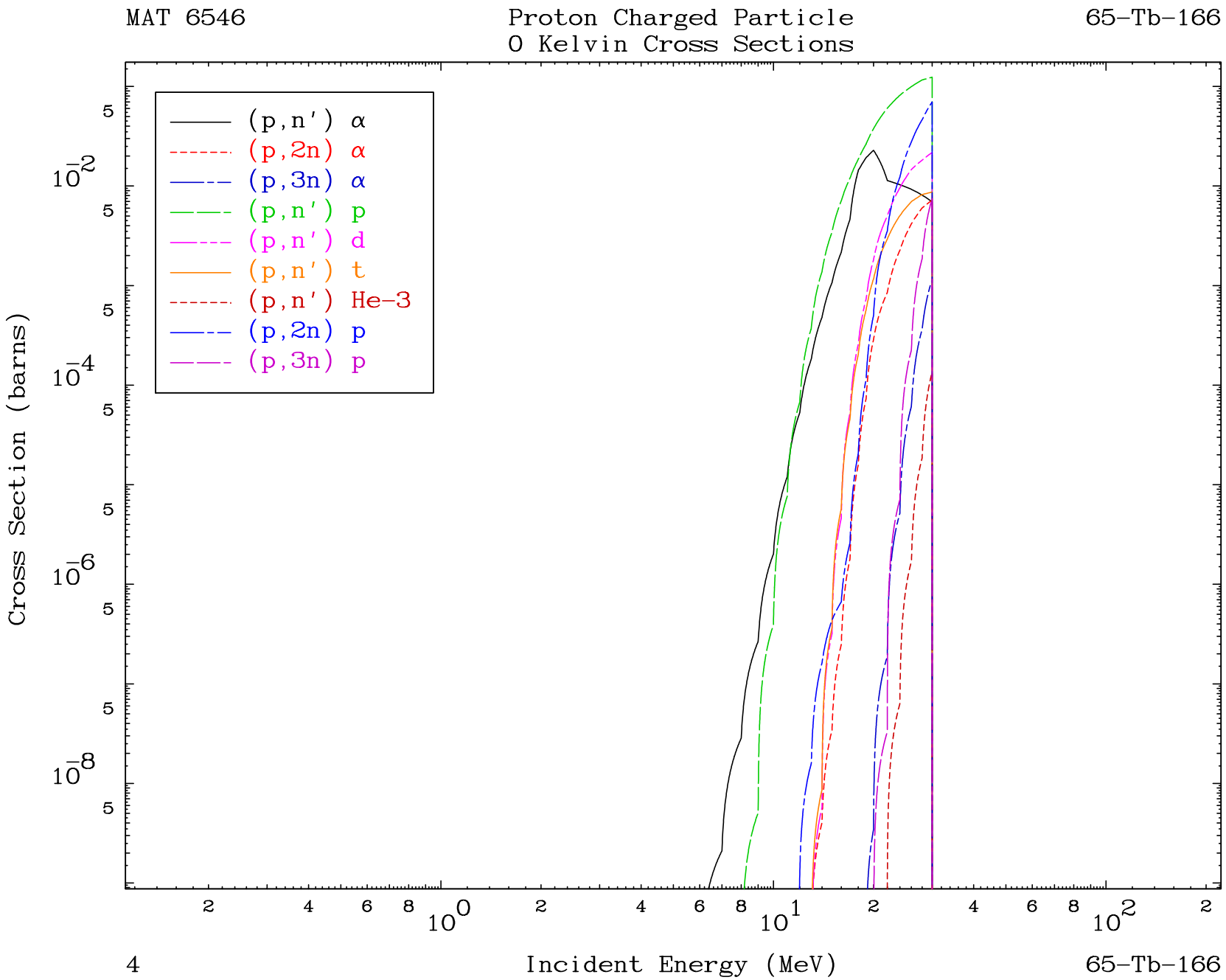
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

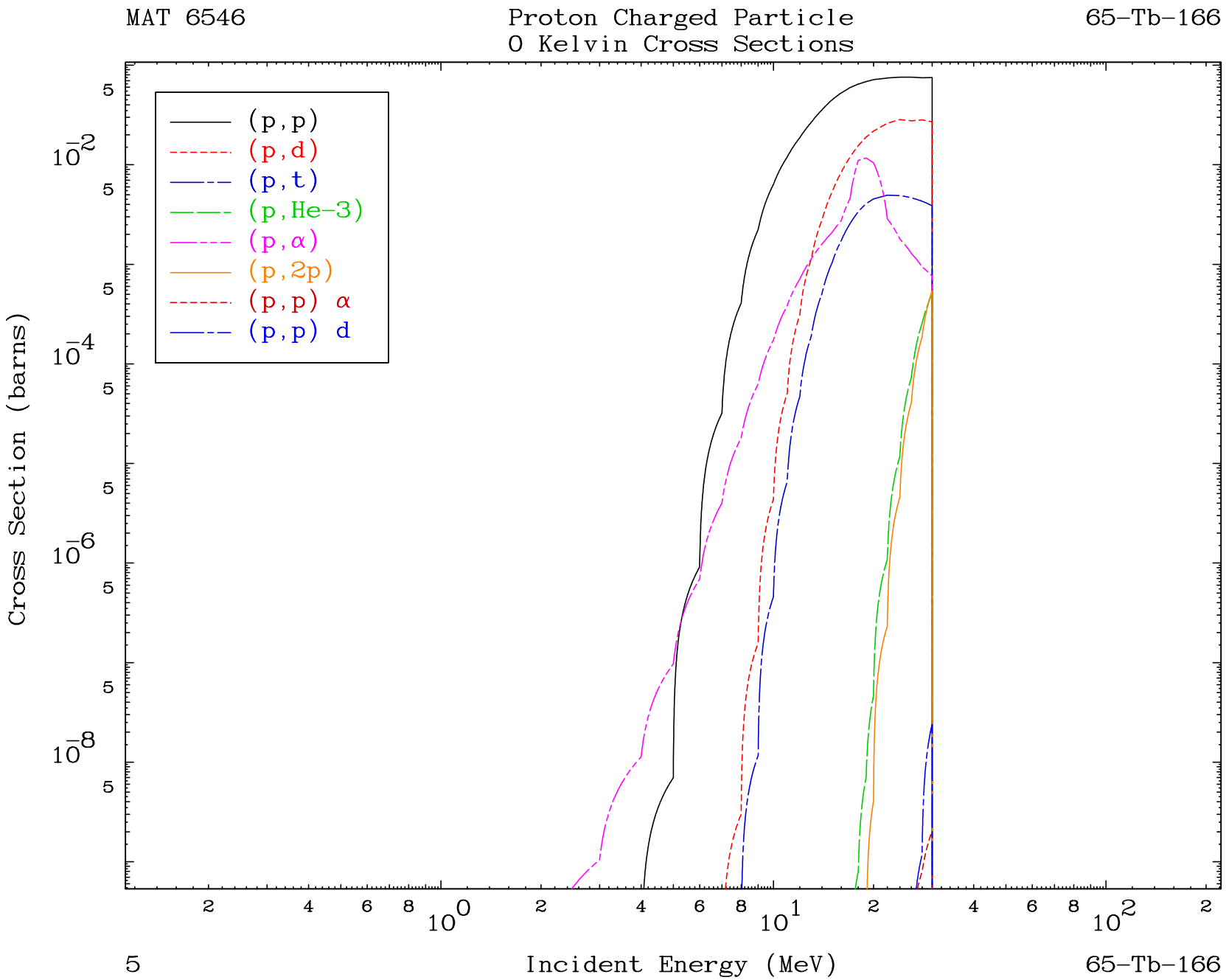
Press Mouse Button to Start

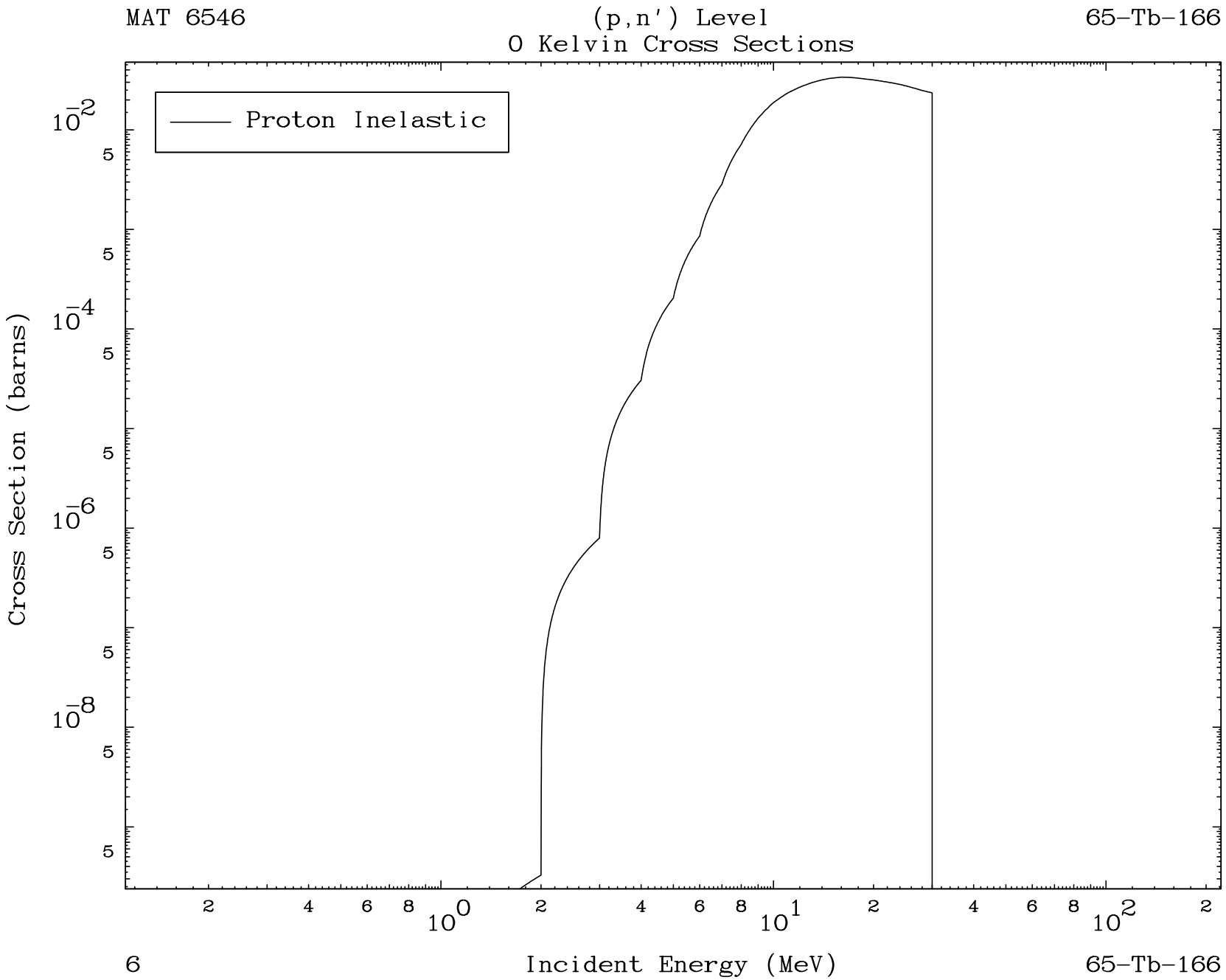

MAT 6546
Proton Major
65-Tb-166
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-166
1

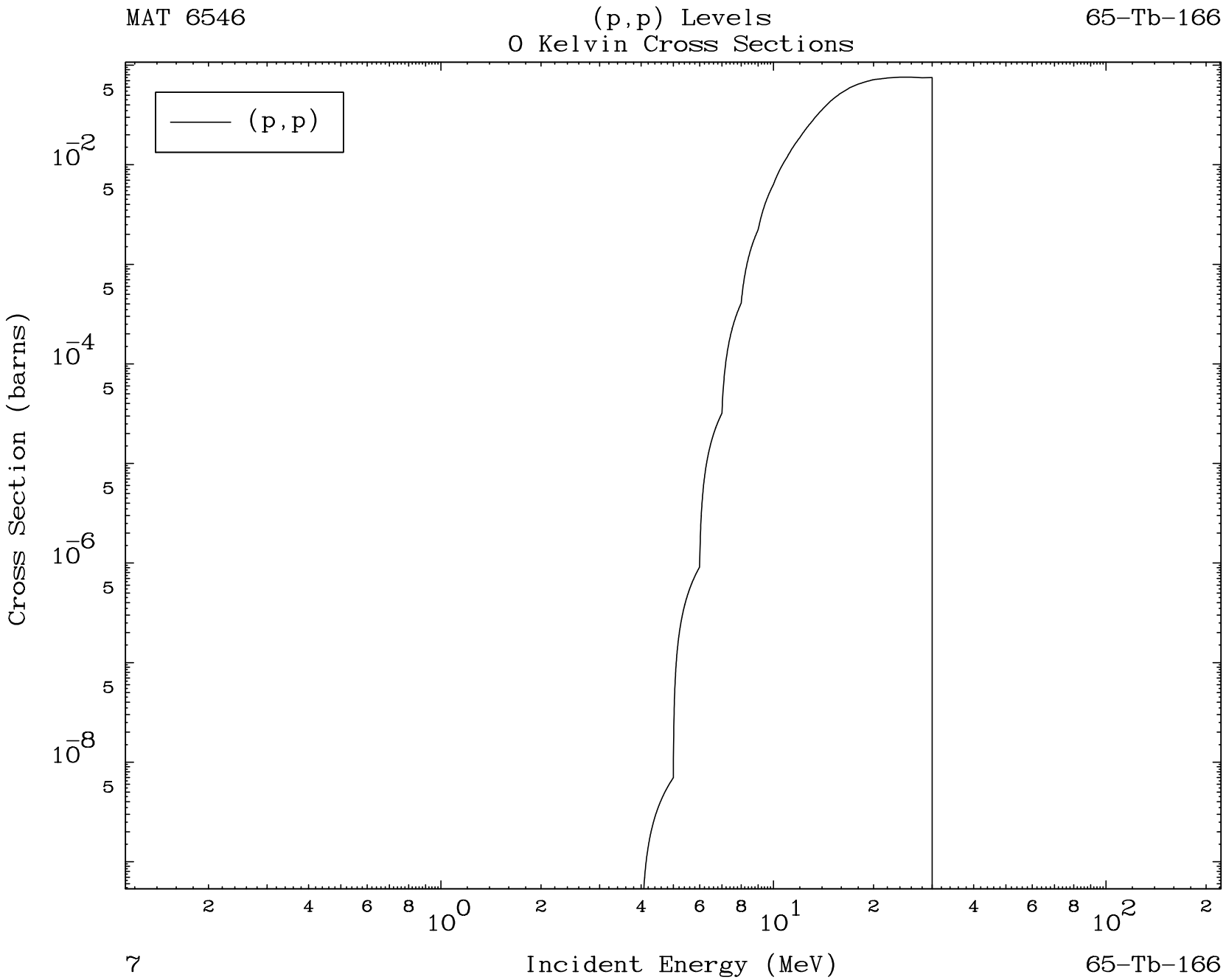

MAT 6546
Proton Neutron Production
0 Kelvin Cross Sections
65-Tb-166
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
65-Tb-166
2

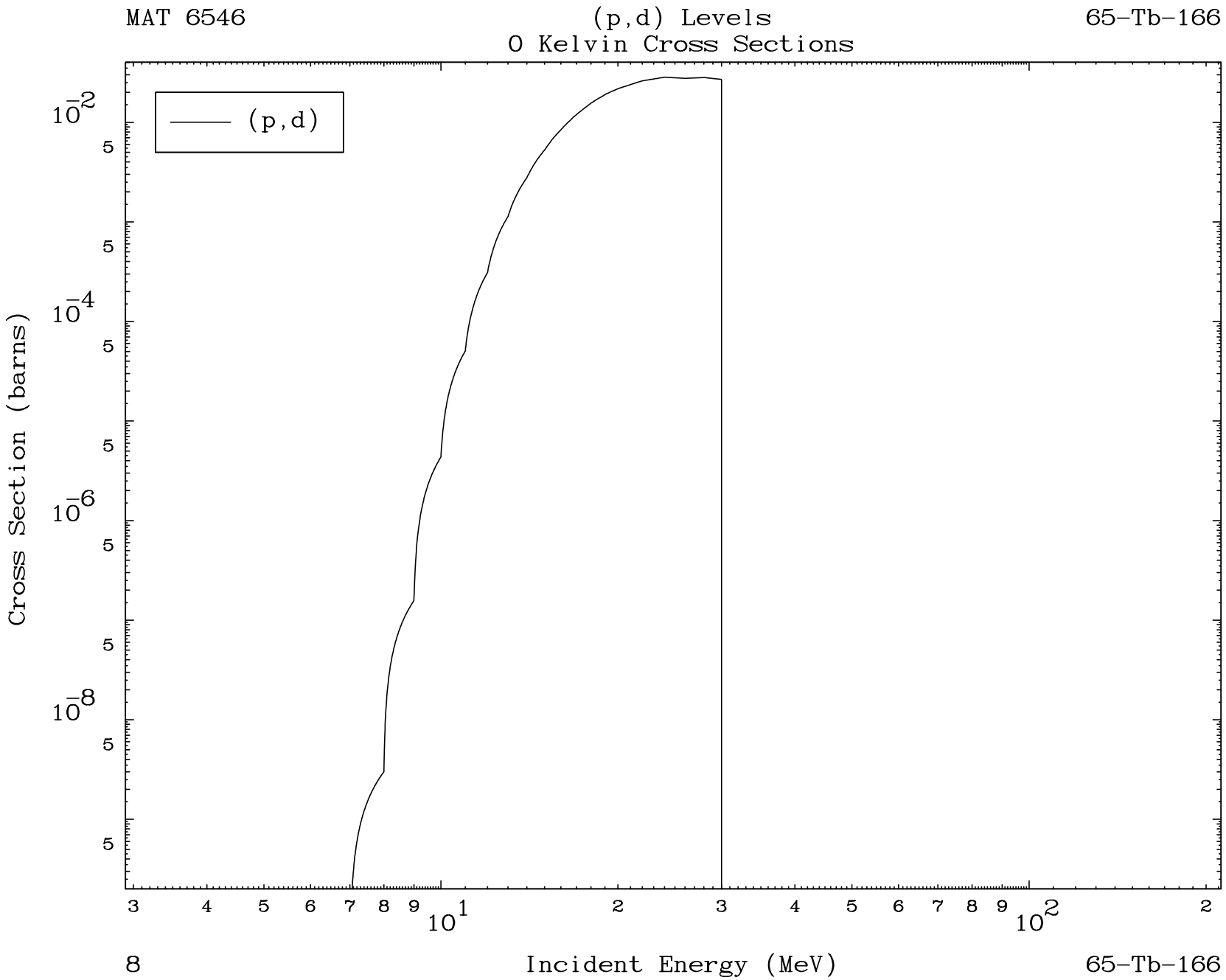

MAT 6546
Proton Neutron Production
0 Kelvin Cross Sections
65-Tb-166
Cross Section (barns)
Incident Energy (MeV)
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
65-Tb-166
3

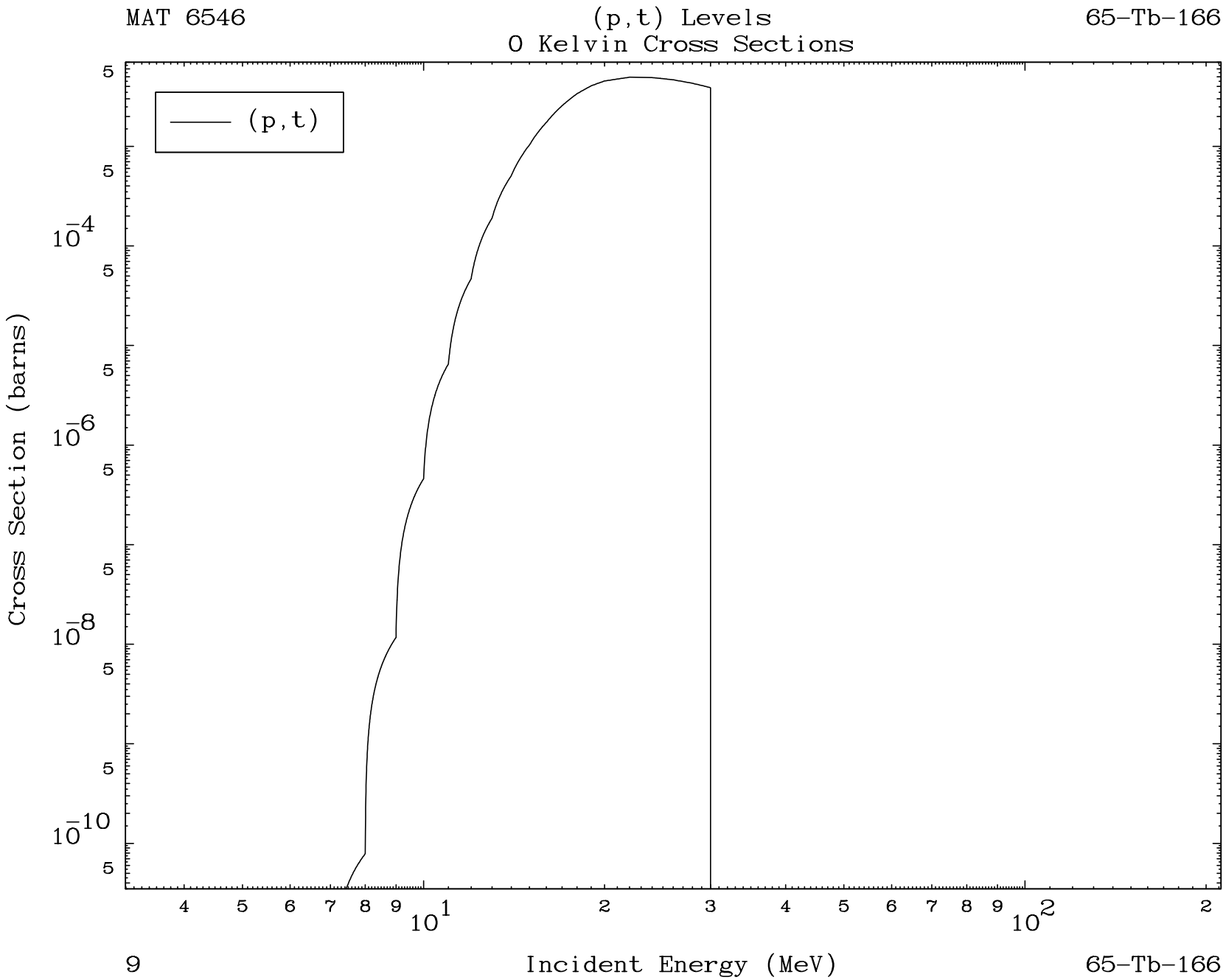

MAT 6546
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-166
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-166

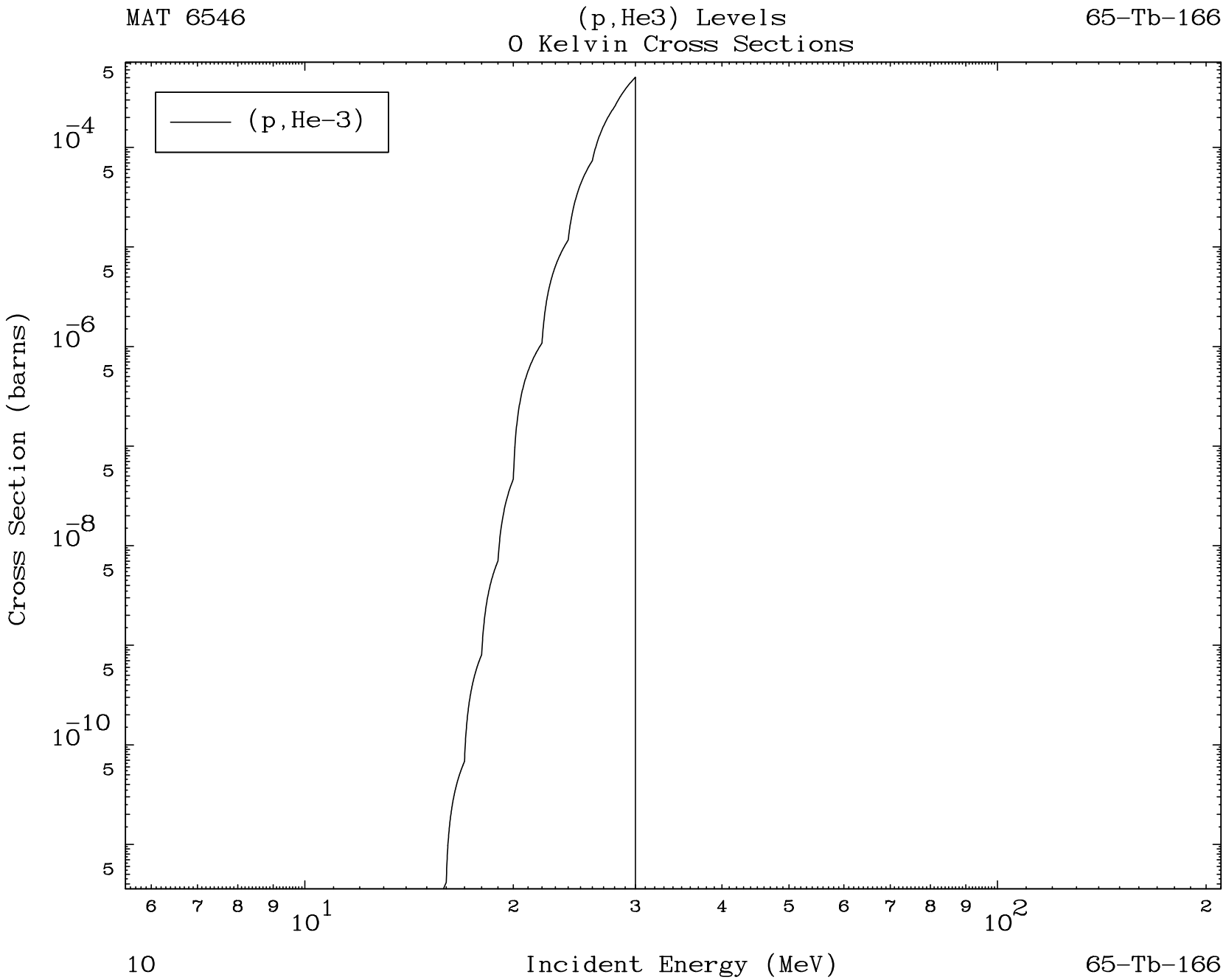

MAT 6546
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-166
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
(p,p) α
(p,p) d
Cross Section (barns)
Incident Energy (MeV)
65-Tb-166

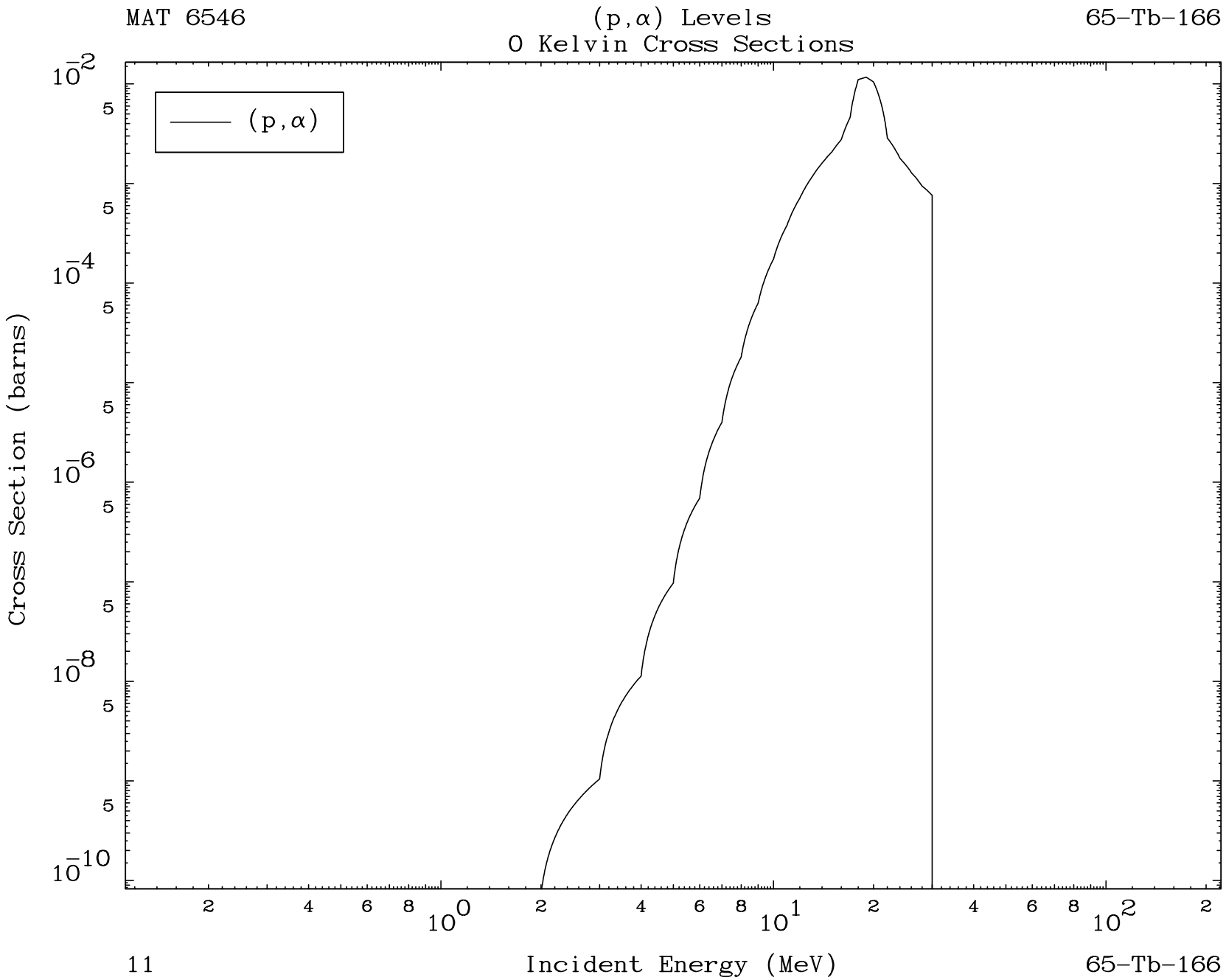

MAT 6546
(p,n') Level
65-Tb-166
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
65-Tb-166

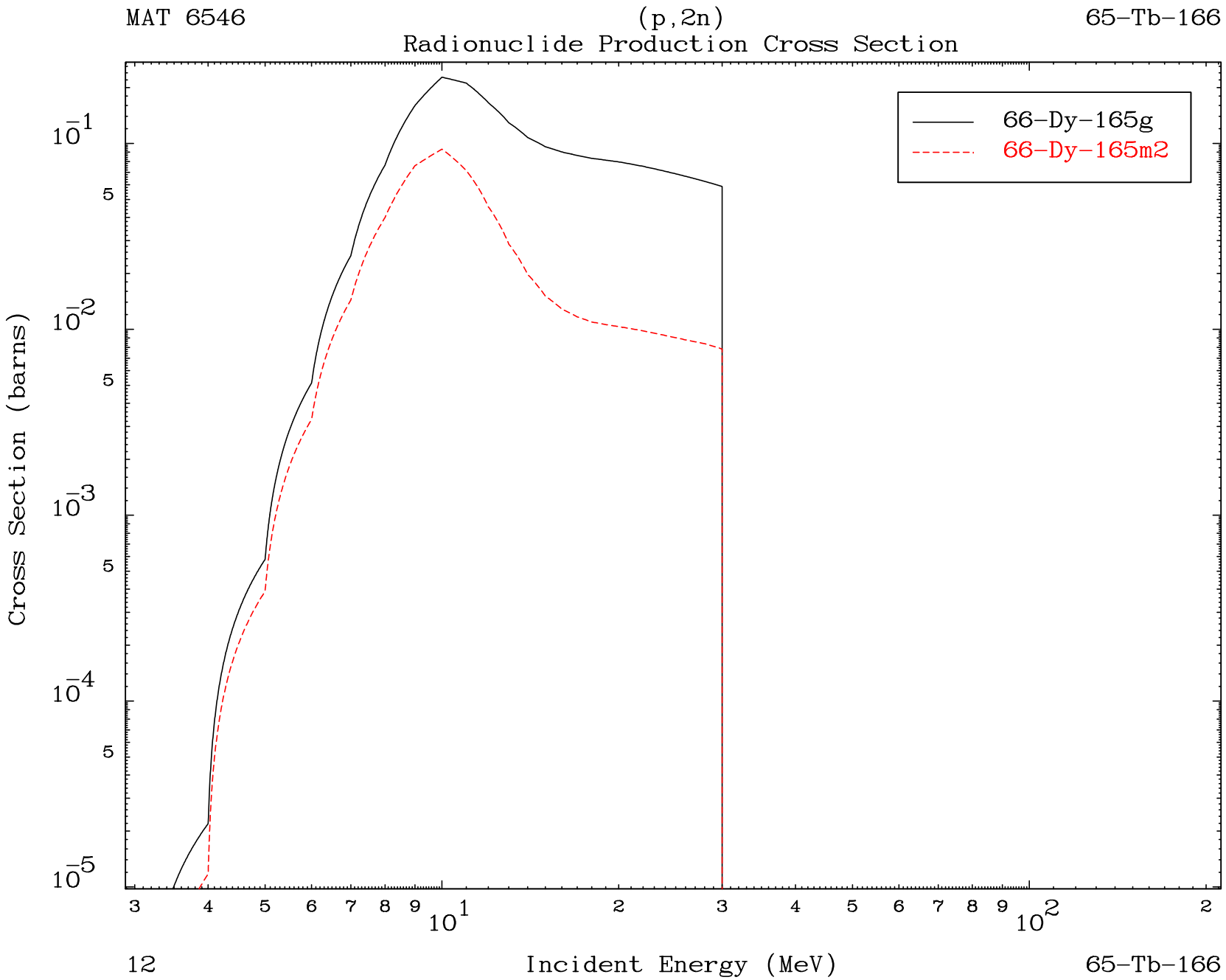

MAT 6546
(p,p) Levels
65-Tb-166
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
65-Tb-166


MAT 6546
(p,d) Levels
65-Tb-166
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
65-Tb-166


MAT 6546
(p,t) Levels
65-Tb-166
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
9
65-Tb-166


MAT 6546
(p,He3) Levels
65-Tb-166
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-166


MAT 6546
(p,α) Levels
65-Tb-166
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-166


MAT 6546
(p,2n)
65-Tb-166
Radionuclide Production Cross Section
66-Dy-165g
66-Dy-165m2
Cross Section (barns)
Incident Energy (MeV)
12
65-Tb-166