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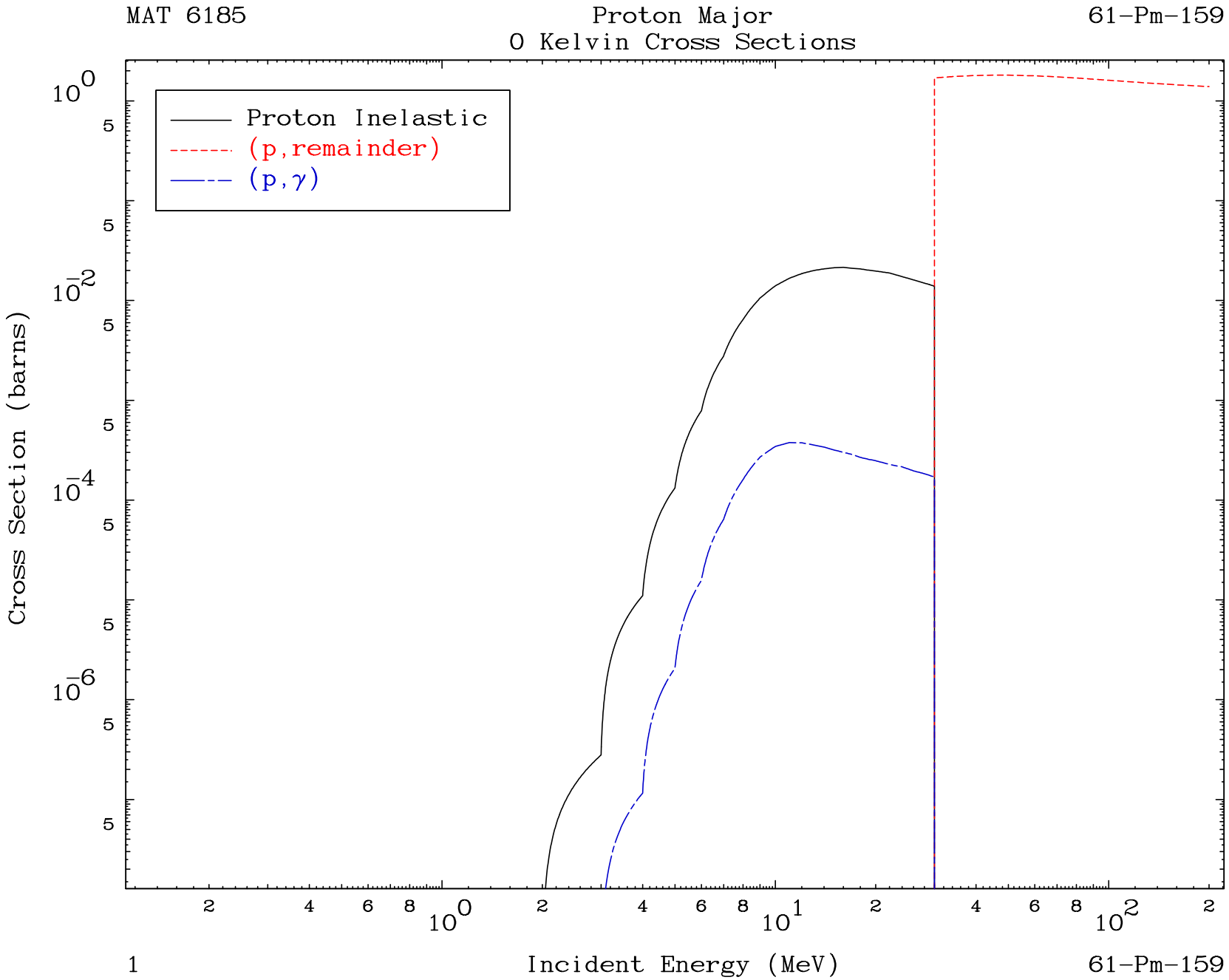
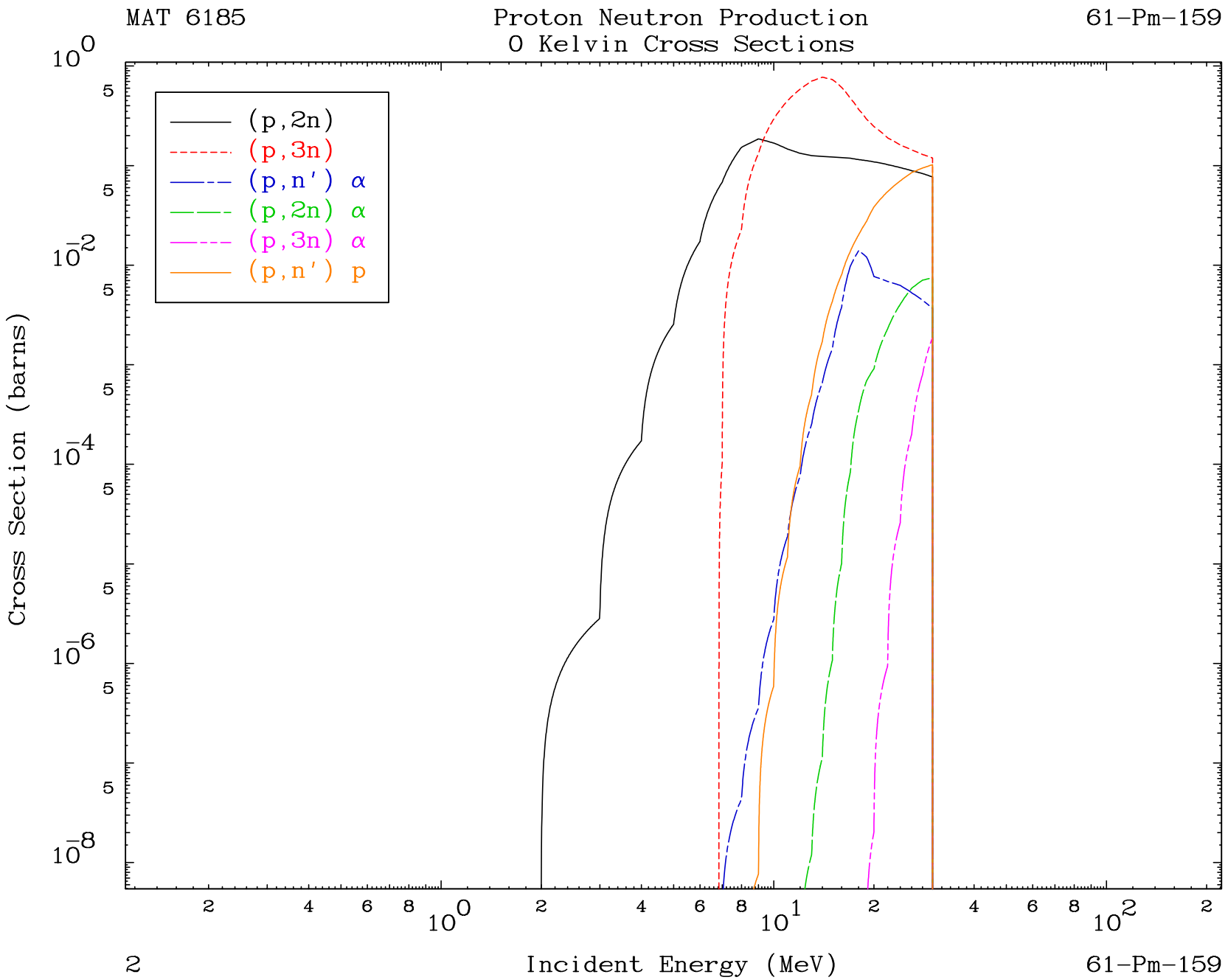
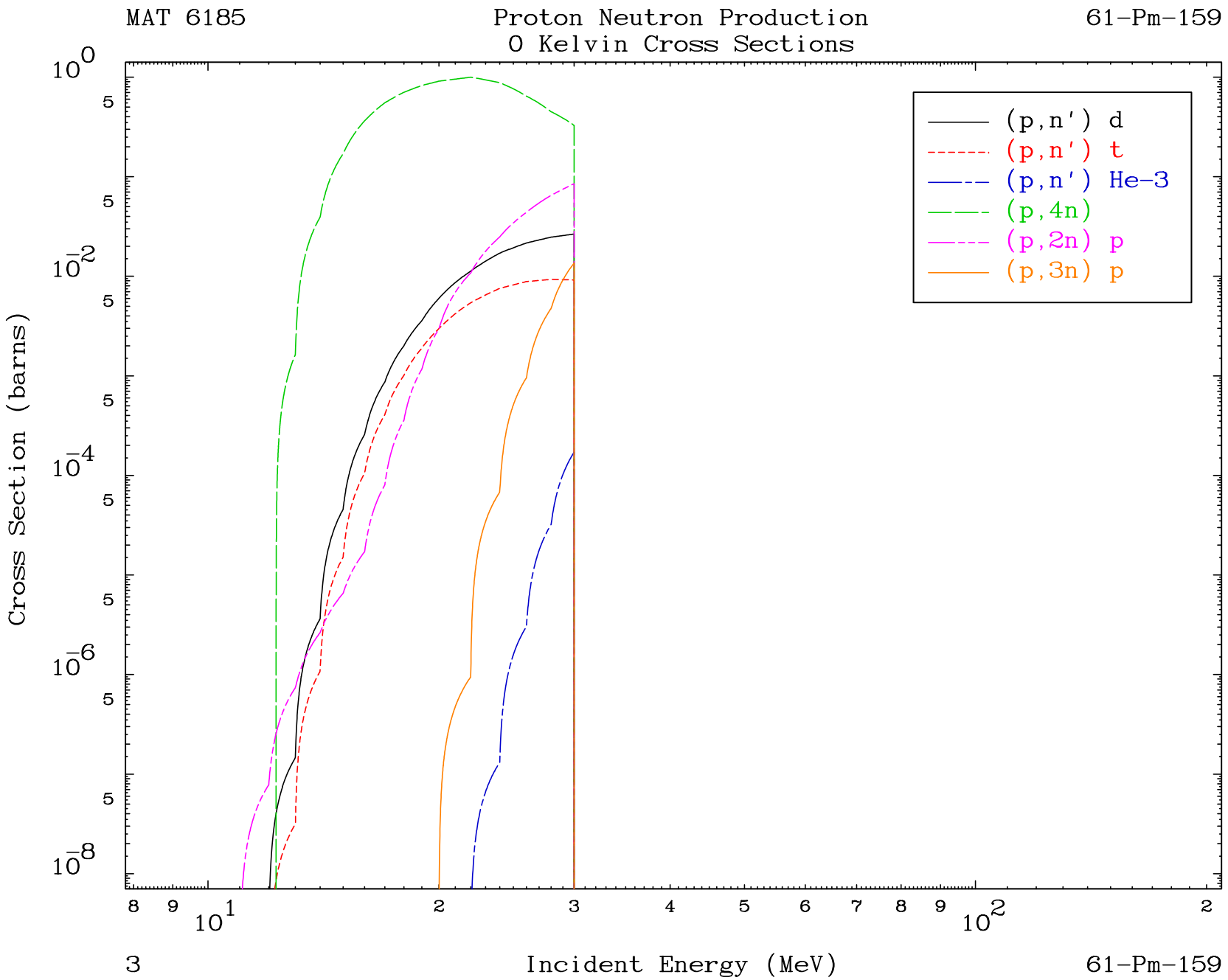
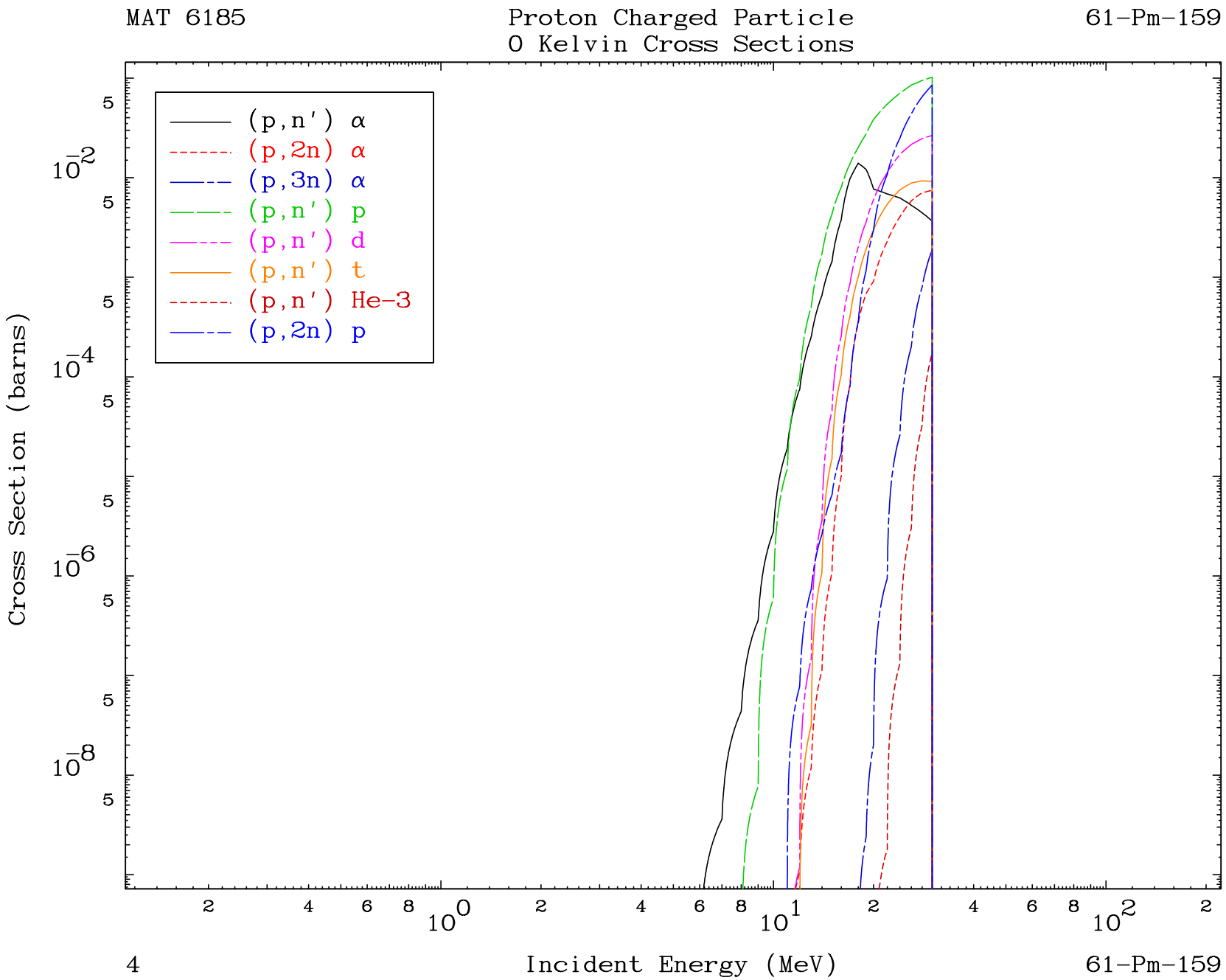
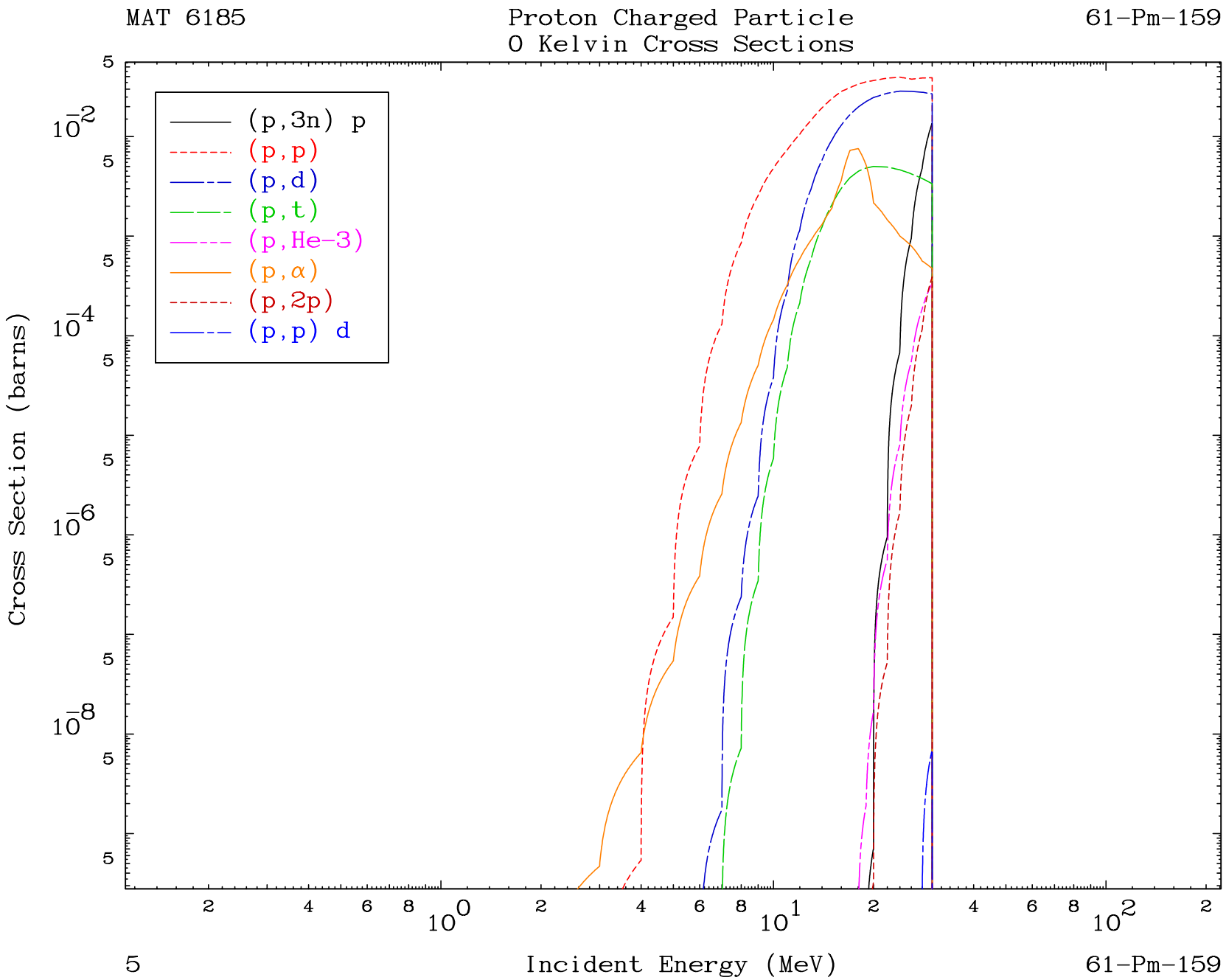
Press Mouse Button to Start

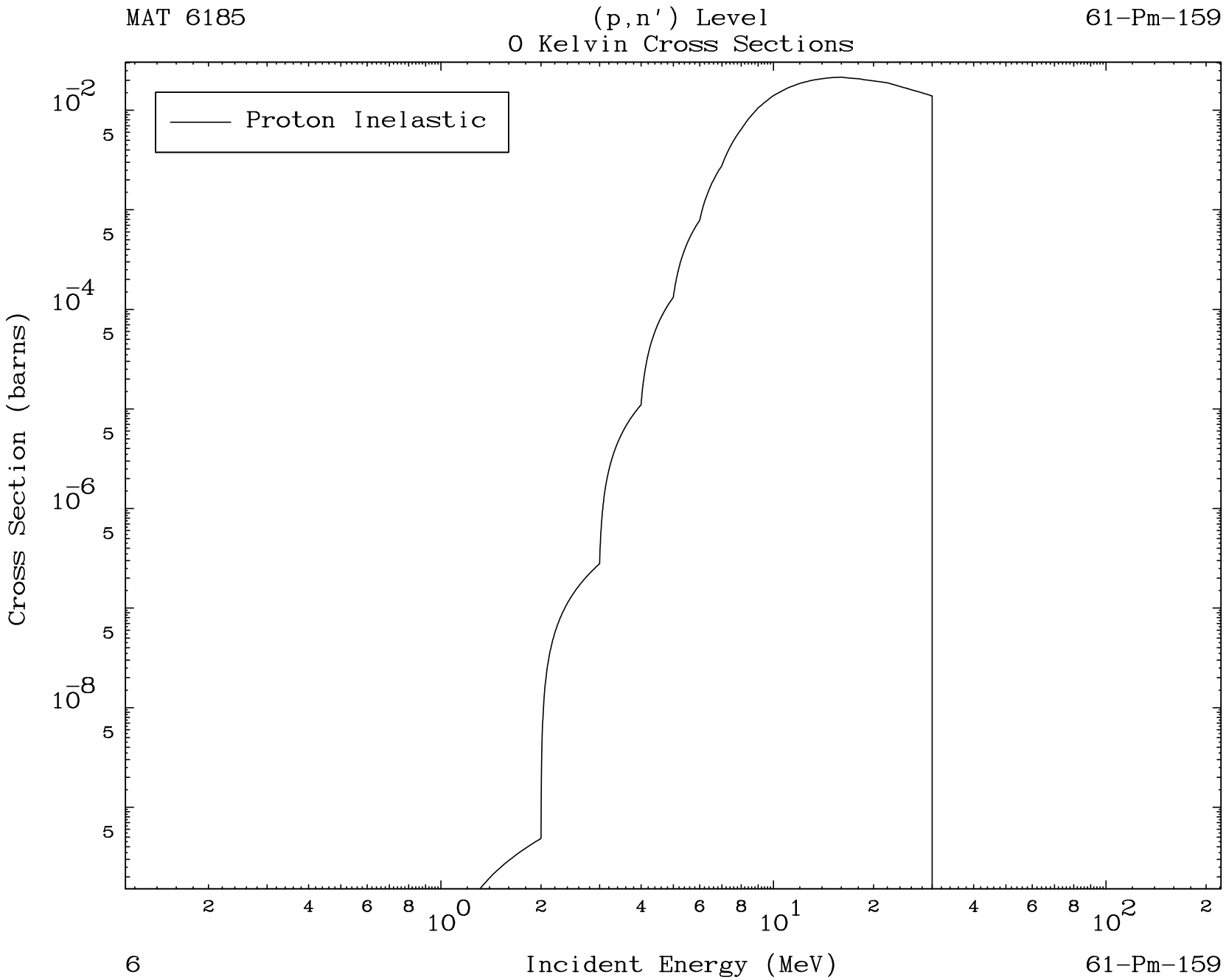

MAT 6185
Proton Major
61-Pm-159
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
61-Pm-159

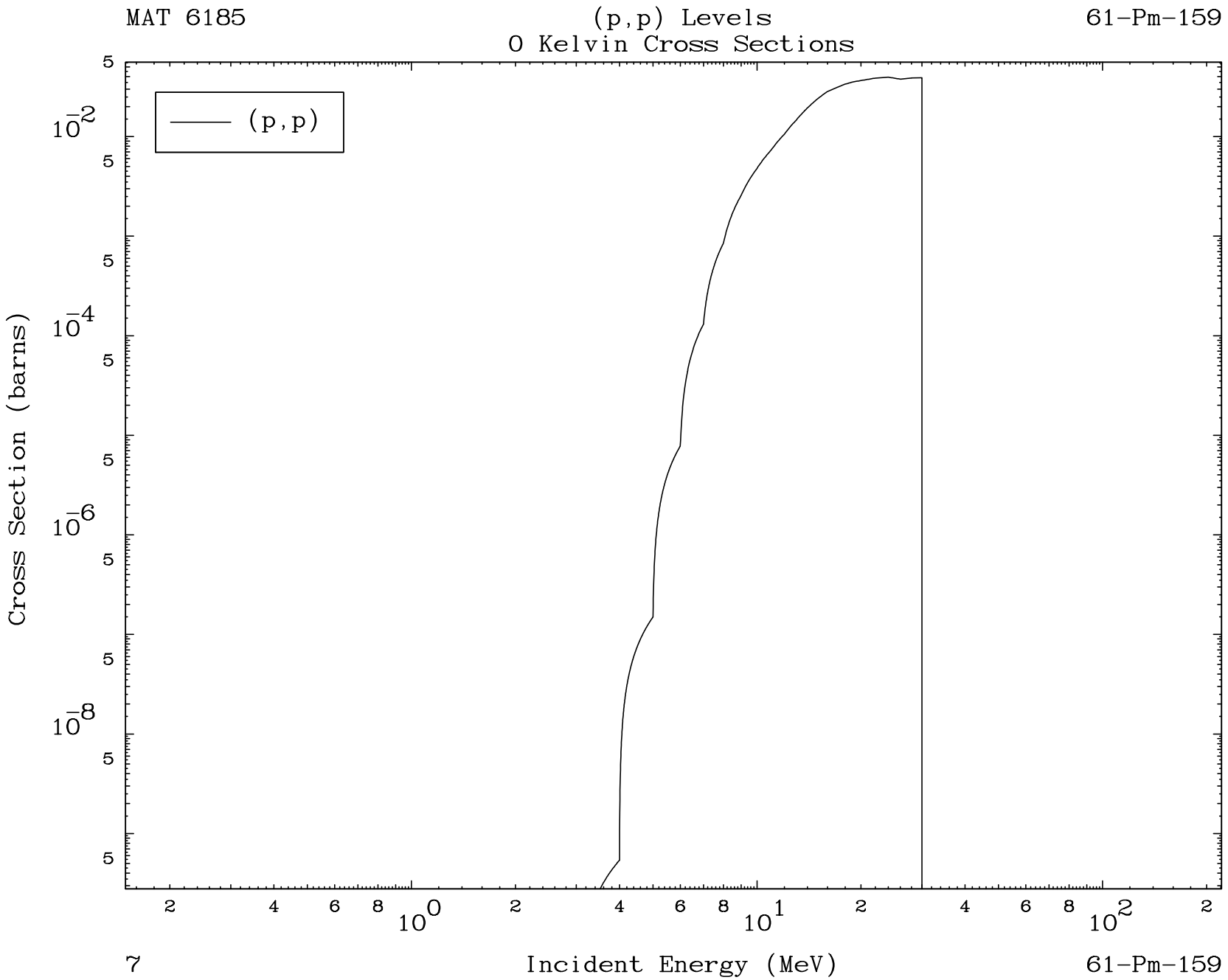

MAT 6185
Proton Neutron Production
0 Kelvin Cross Sections
61-Pm-159
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
61-Pm-159
2

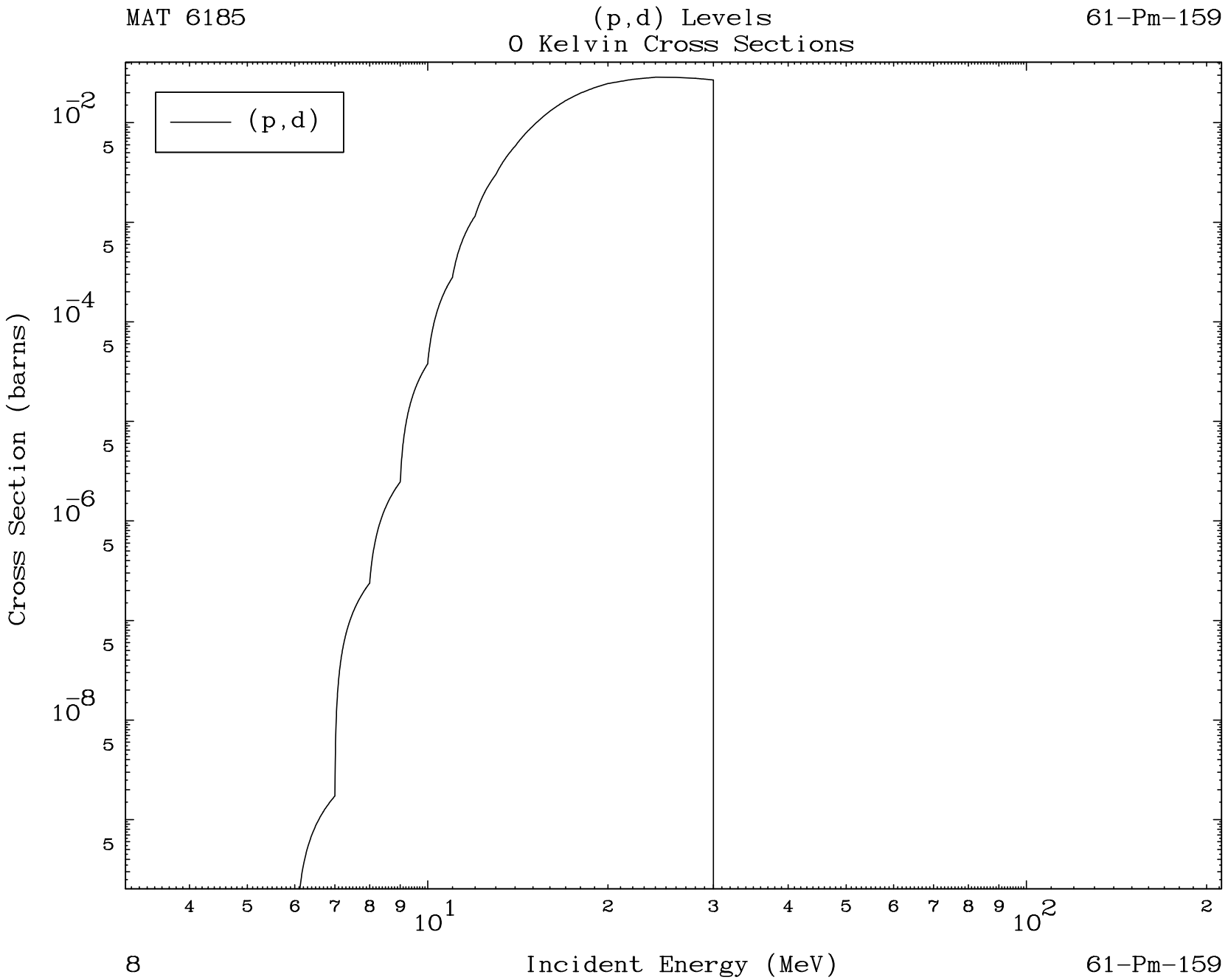

MAT 6185
Proton Neutron Production
0 Kelvin Cross Sections
61-Pm-159
Cross Section (barns)
Incident Energy (MeV)
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
3
61-Pm-159

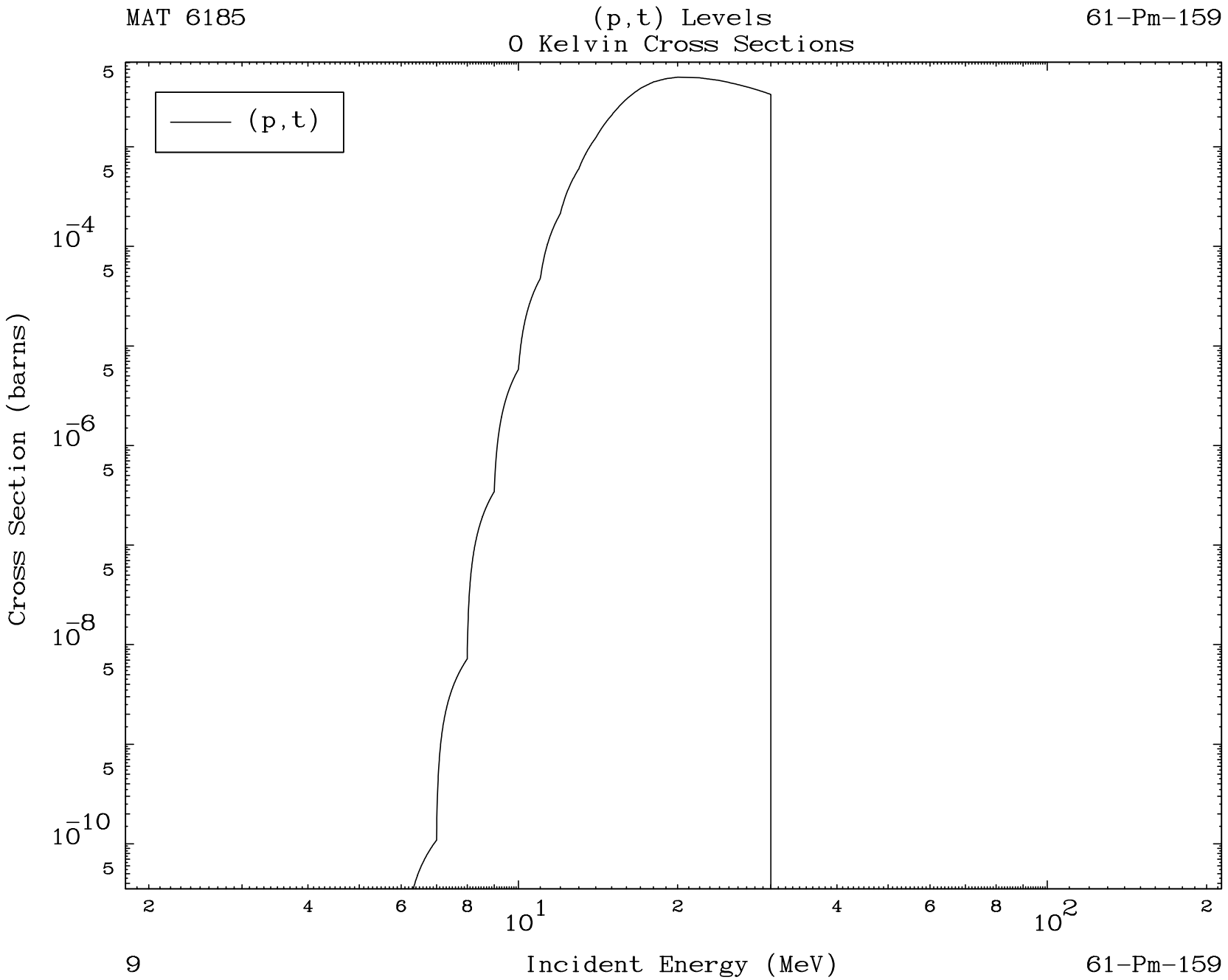

MAT 6185
Proton Charged Particle
0 Kelvin Cross Sections
61-Pm-159
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
61-Pm-159

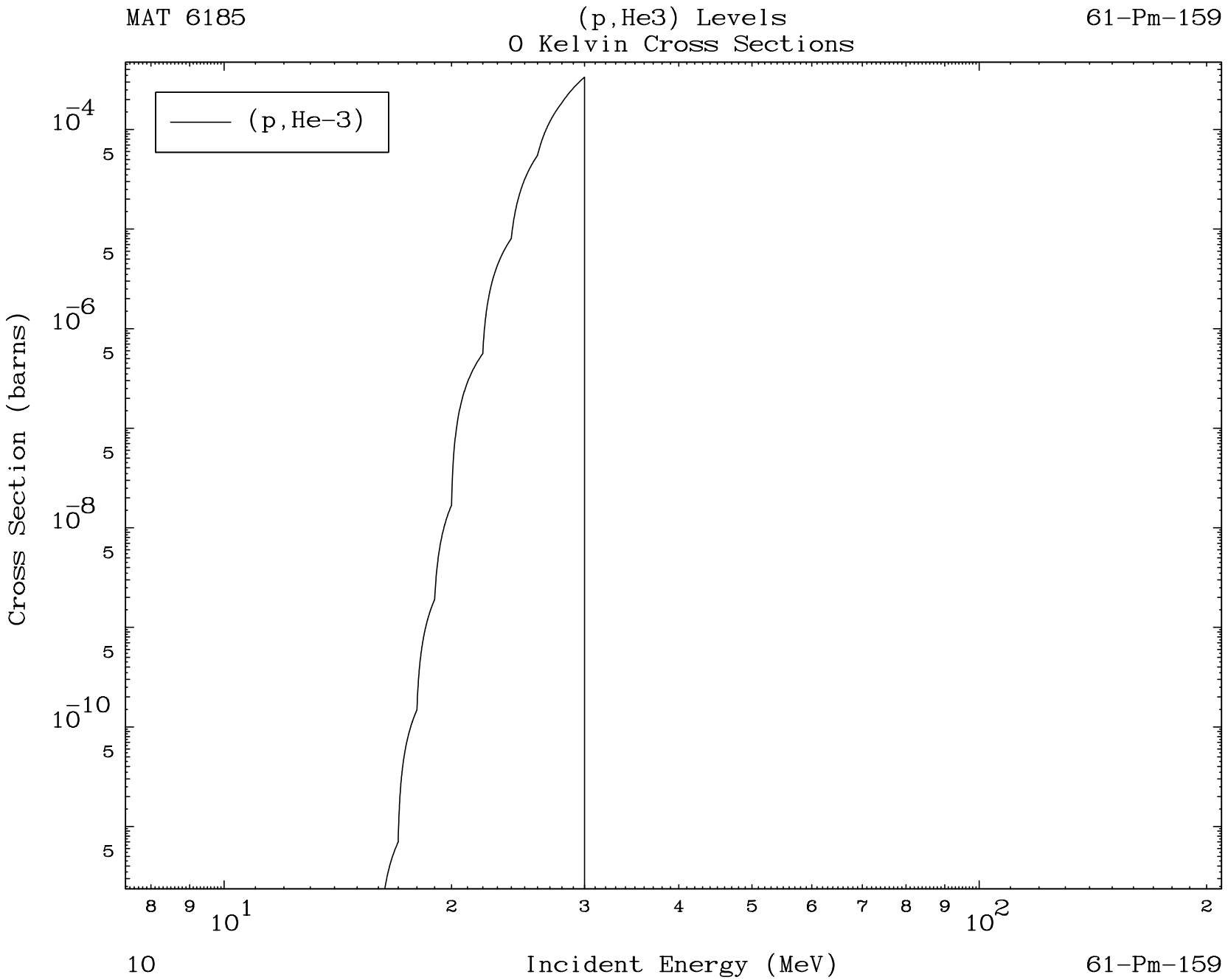

MAT 6185
Proton Charged Particle
0 Kelvin Cross Sections
61-Pm-159
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
(p,p) d
Cross Section (barns)
Incident Energy (MeV)
61-Pm-159

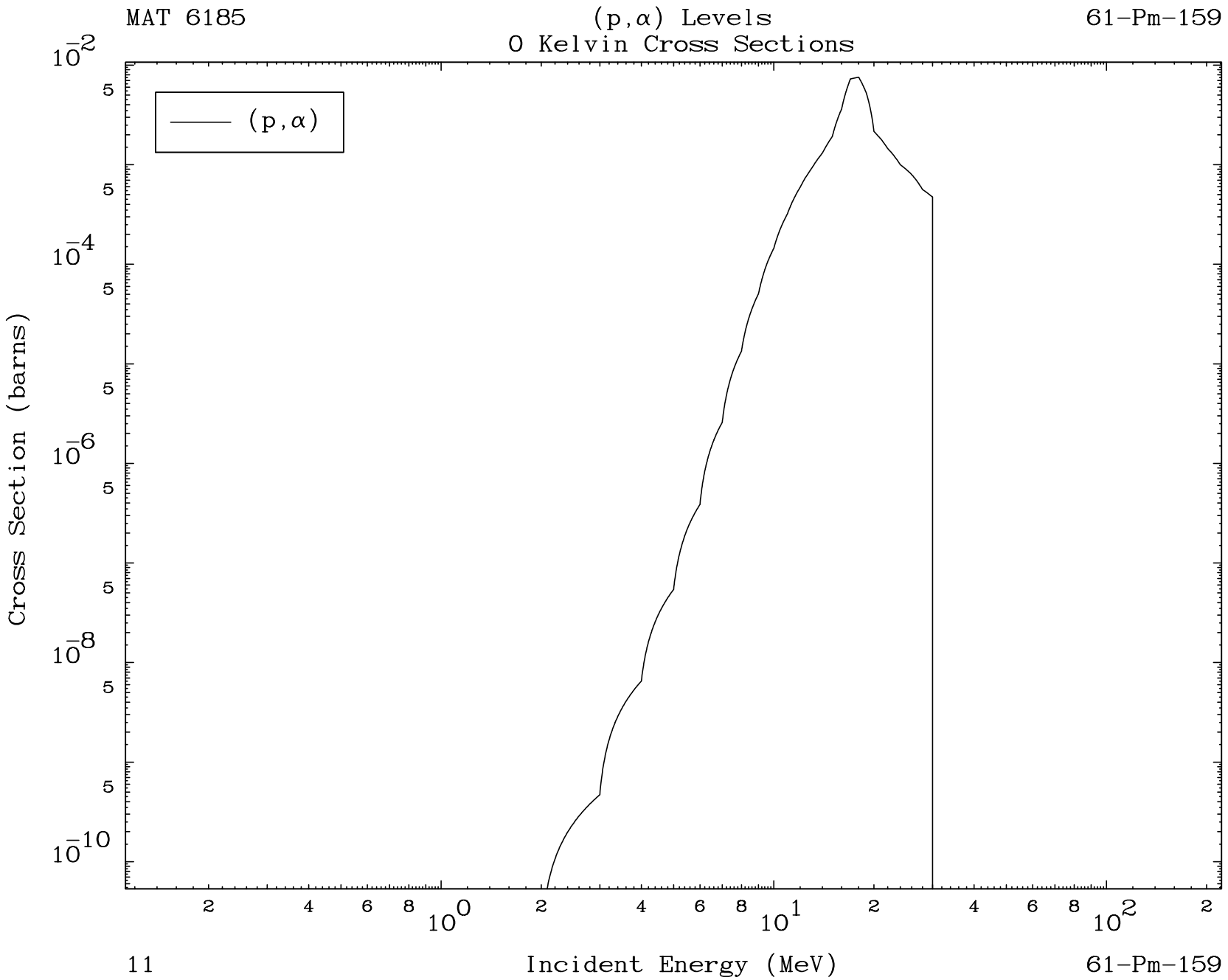

MAT 6185
(p,n') Level
61-Pm-159
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
61-Pm-159

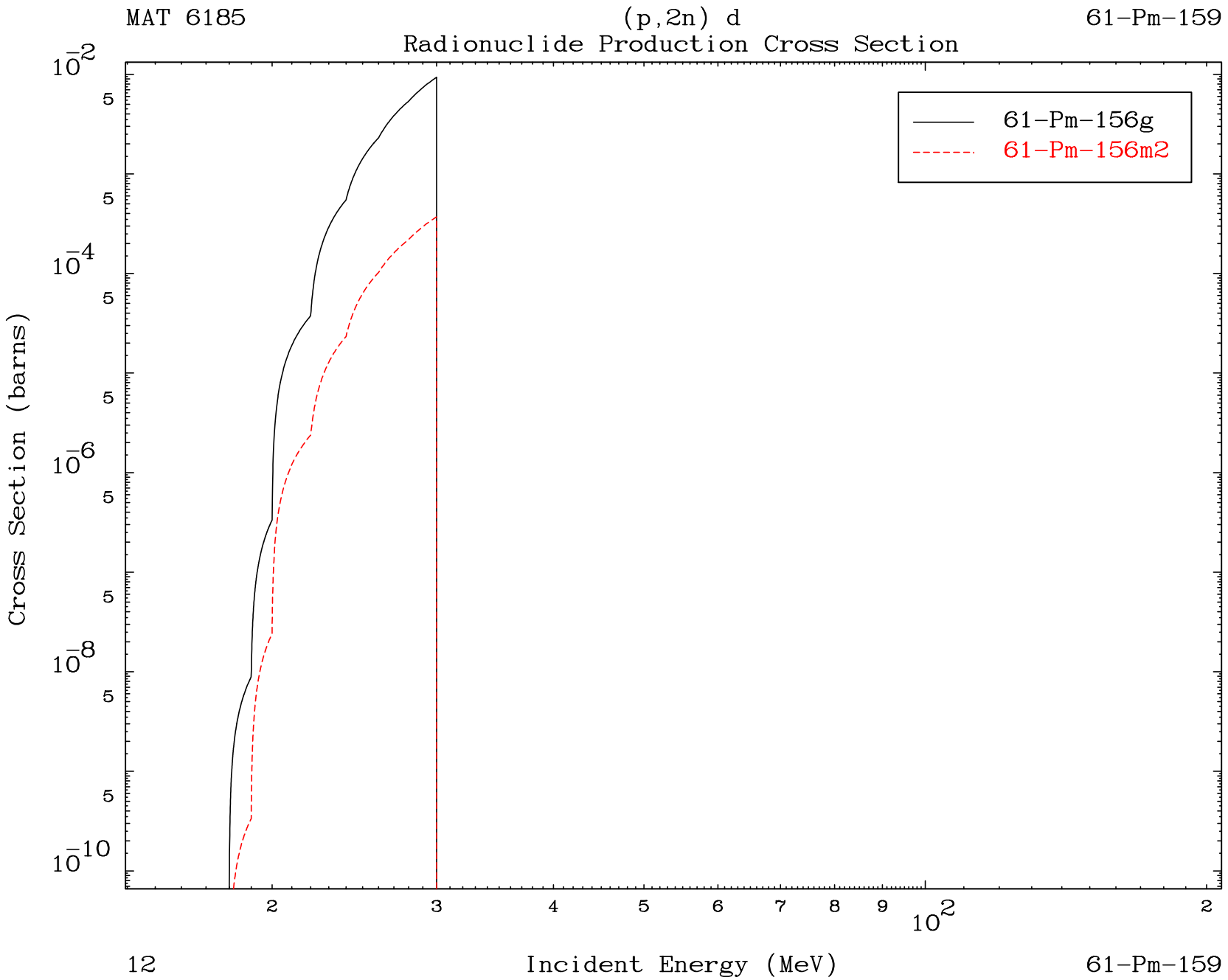

MAT 6185
(p,p) Levels
61-Pm-159
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
61-Pm-159

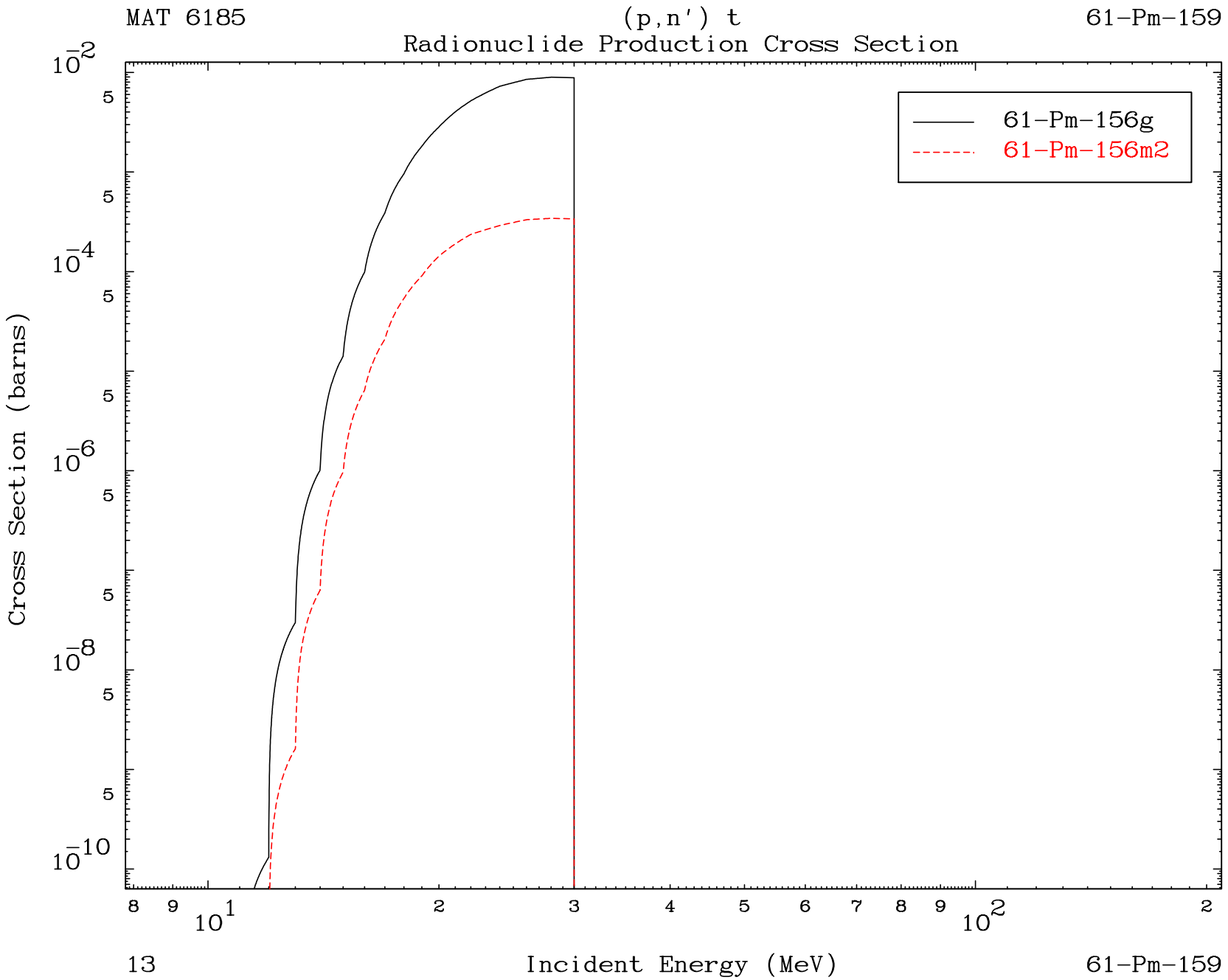

MAT 6185
(p,d) Levels
0 Kelvin Cross Sections
61-Pm-159
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
61-Pm-159

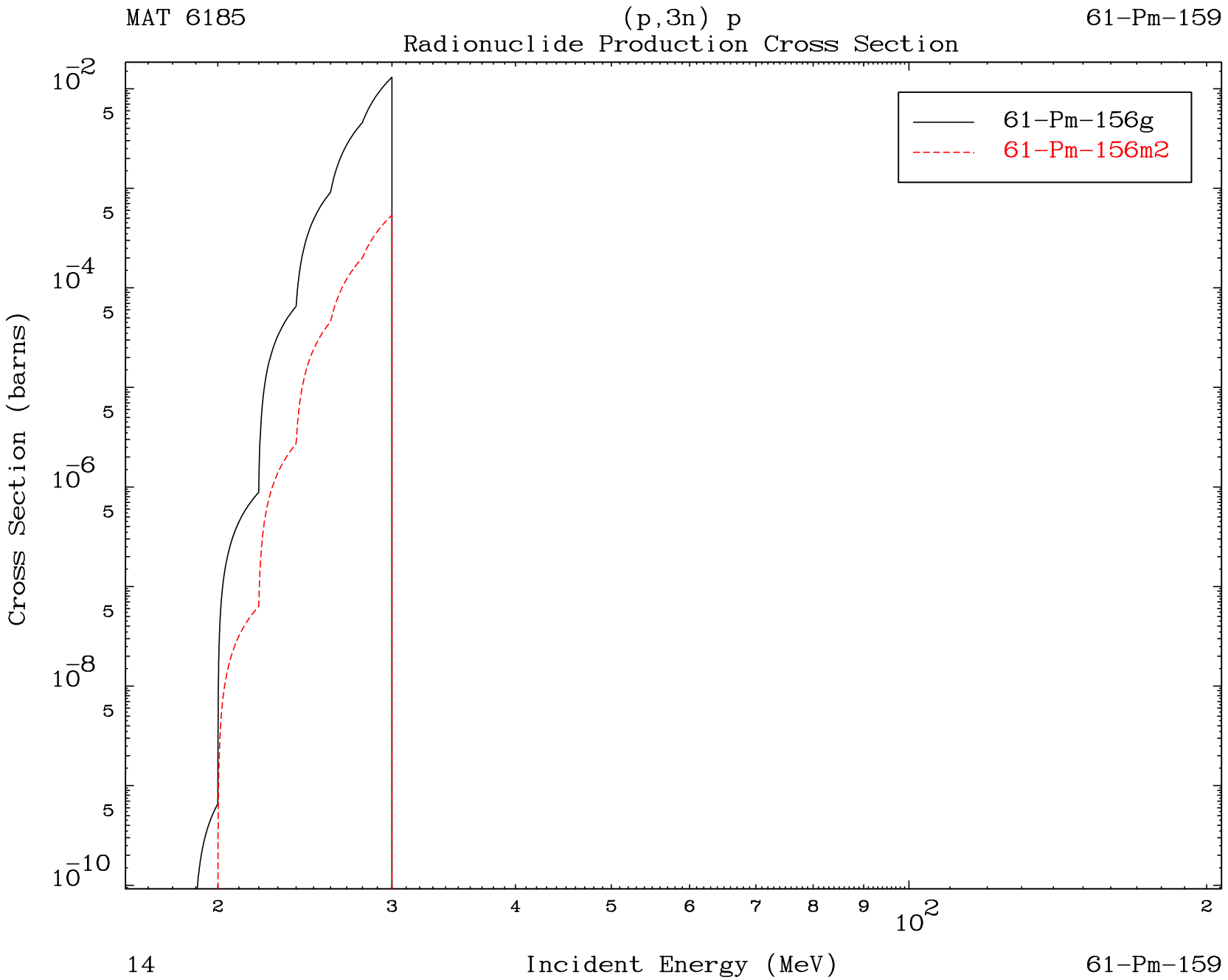

MAT 6185
(p,t) Levels
61-Pm-159
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
9
61-Pm-159


MAT 6185
(p,He3) Levels
61-Pm-159
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
61-Pm-159


MAT 6185
(p,α) Levels
61-Pm-159
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
61-Pm-159


MAT 6185
(p,2n) d
61-Pm-159
Radionuclide Production Cross Section
61-Pm-156g
61-Pm-156m2
Cross Section (barns)
Incident Energy (MeV)
12
61-Pm-159


MAT 6185
(p,n') t
61-Pm-159
Radionuclide Production Cross Section
61-Pm-156g
61-Pm-156m2
Cross Section (barns)
Incident Energy (MeV)
13
61-Pm-159


MAT 6185
(p,3n) p
61-Pm-159
Radionuclide Production Cross Section
61-Pm-156g
61-Pm-156m2
Cross Section (barns)
Incident Energy (MeV)
14
61-Pm-159