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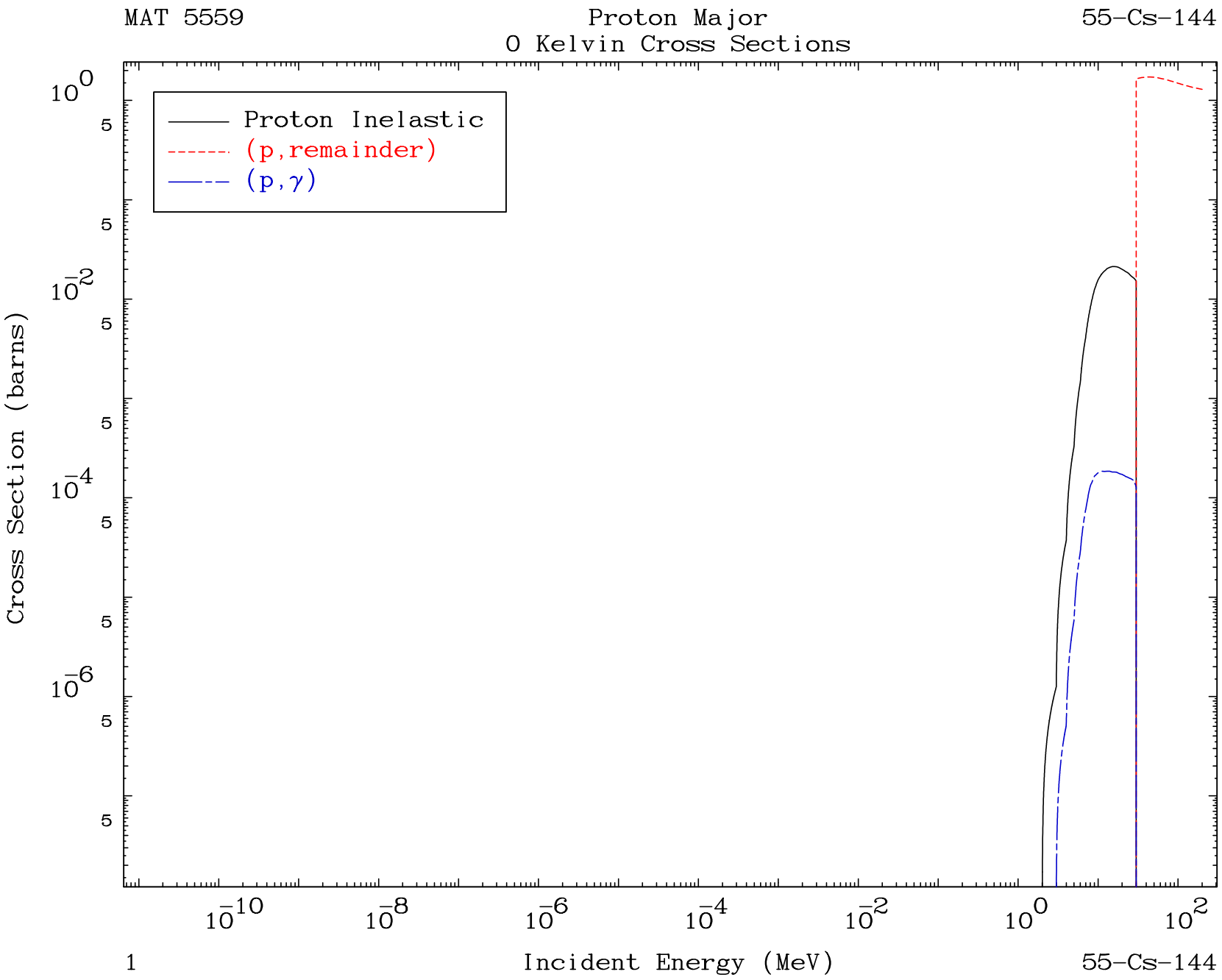
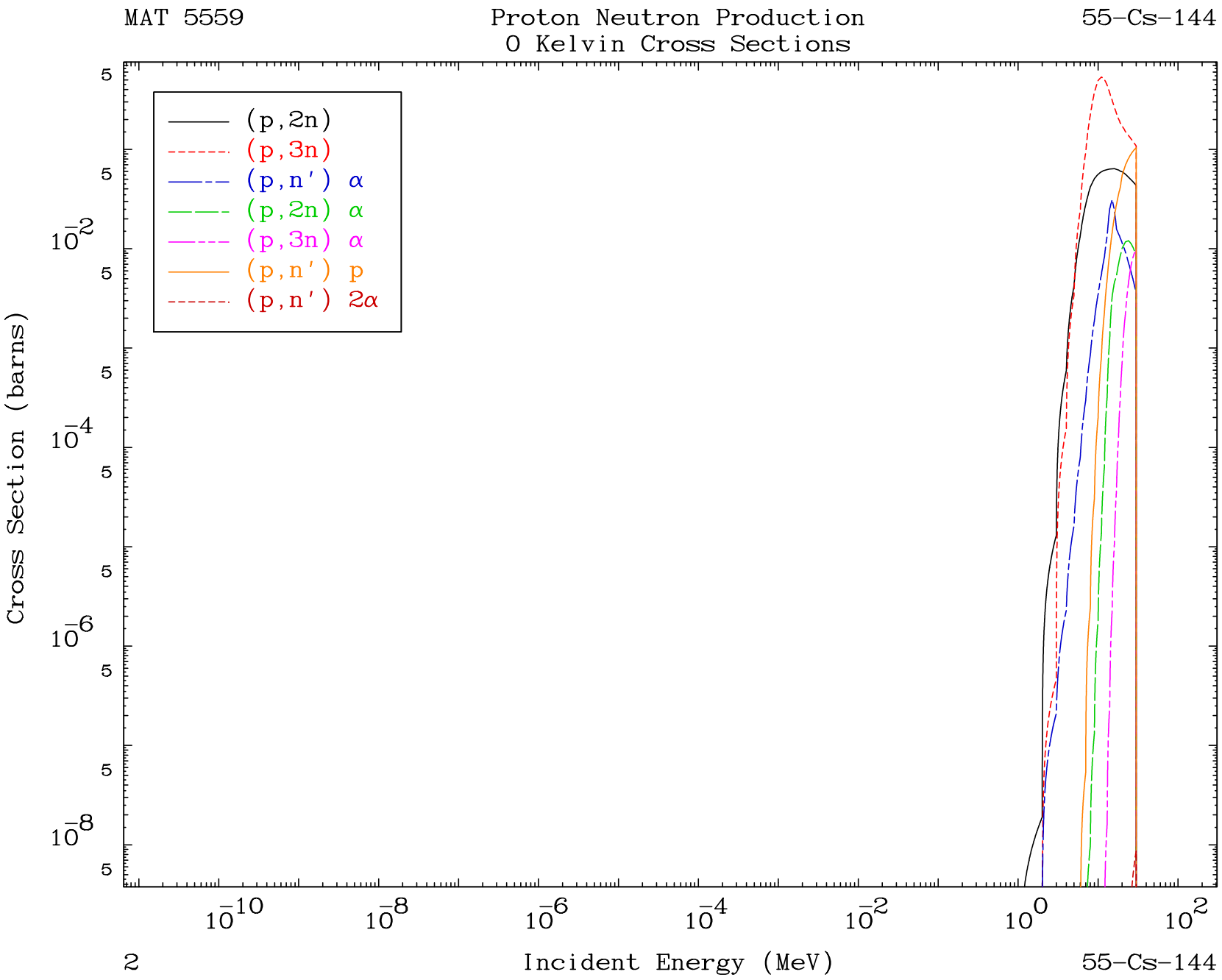
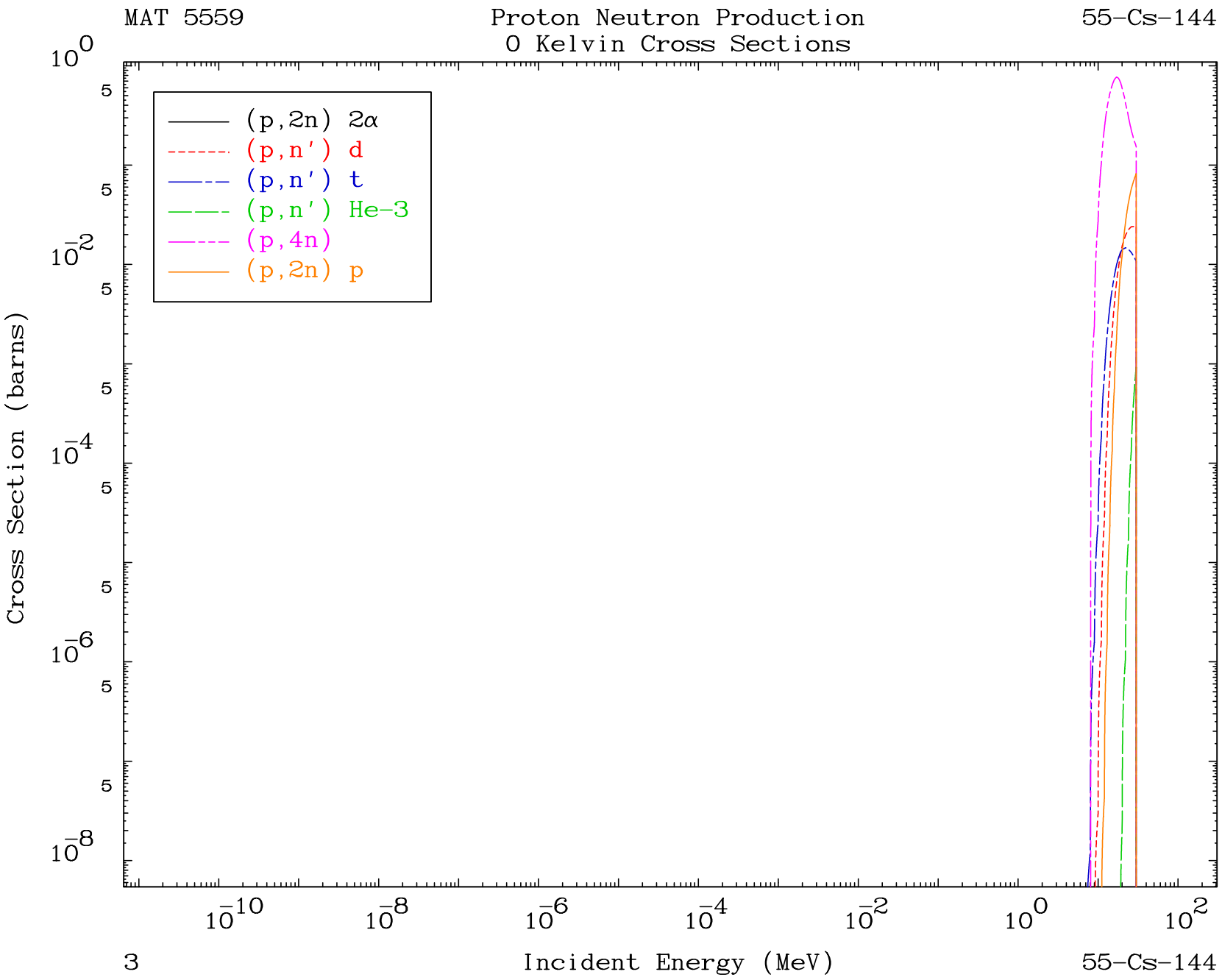
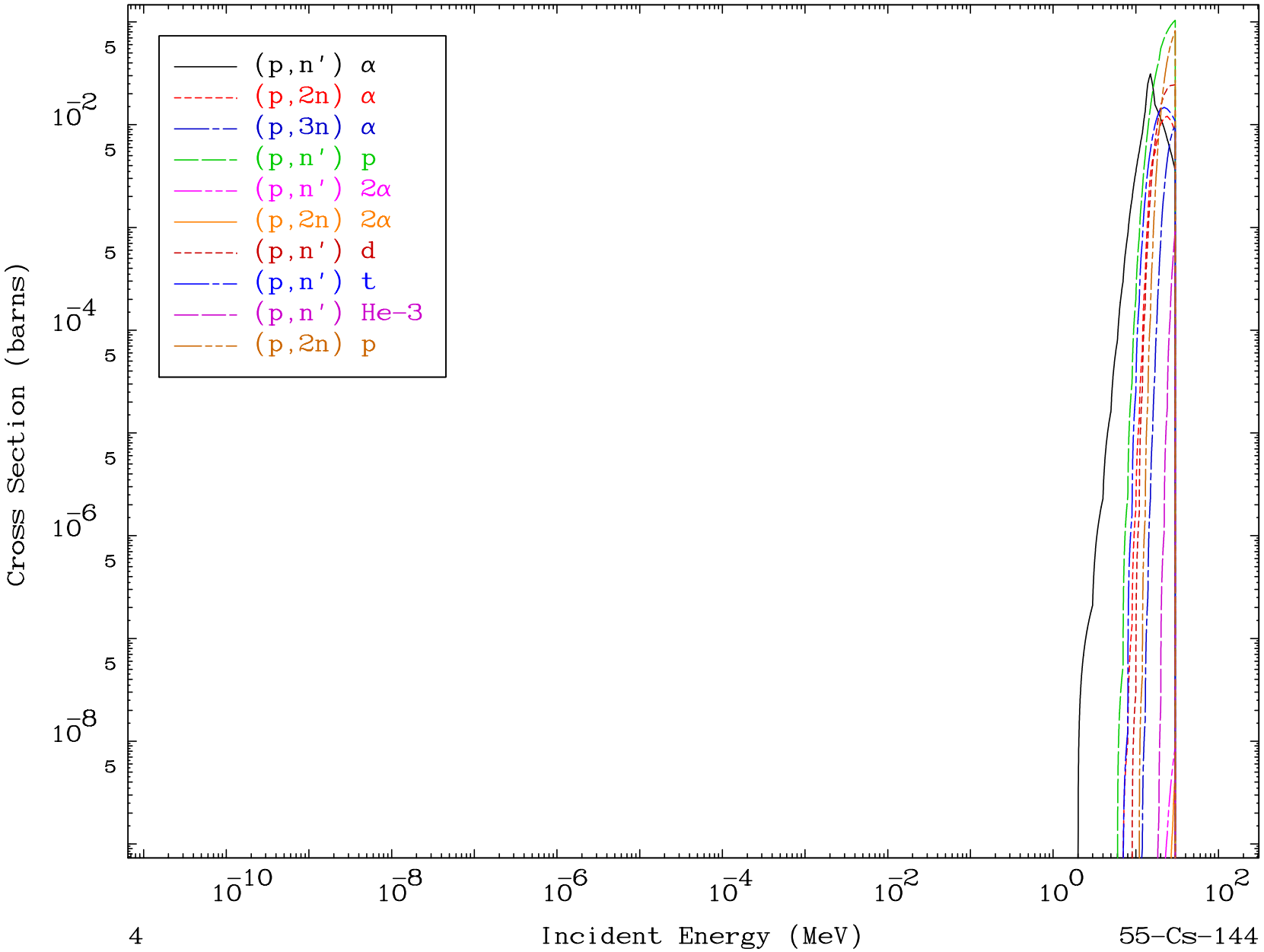
Press Mouse Button to Start

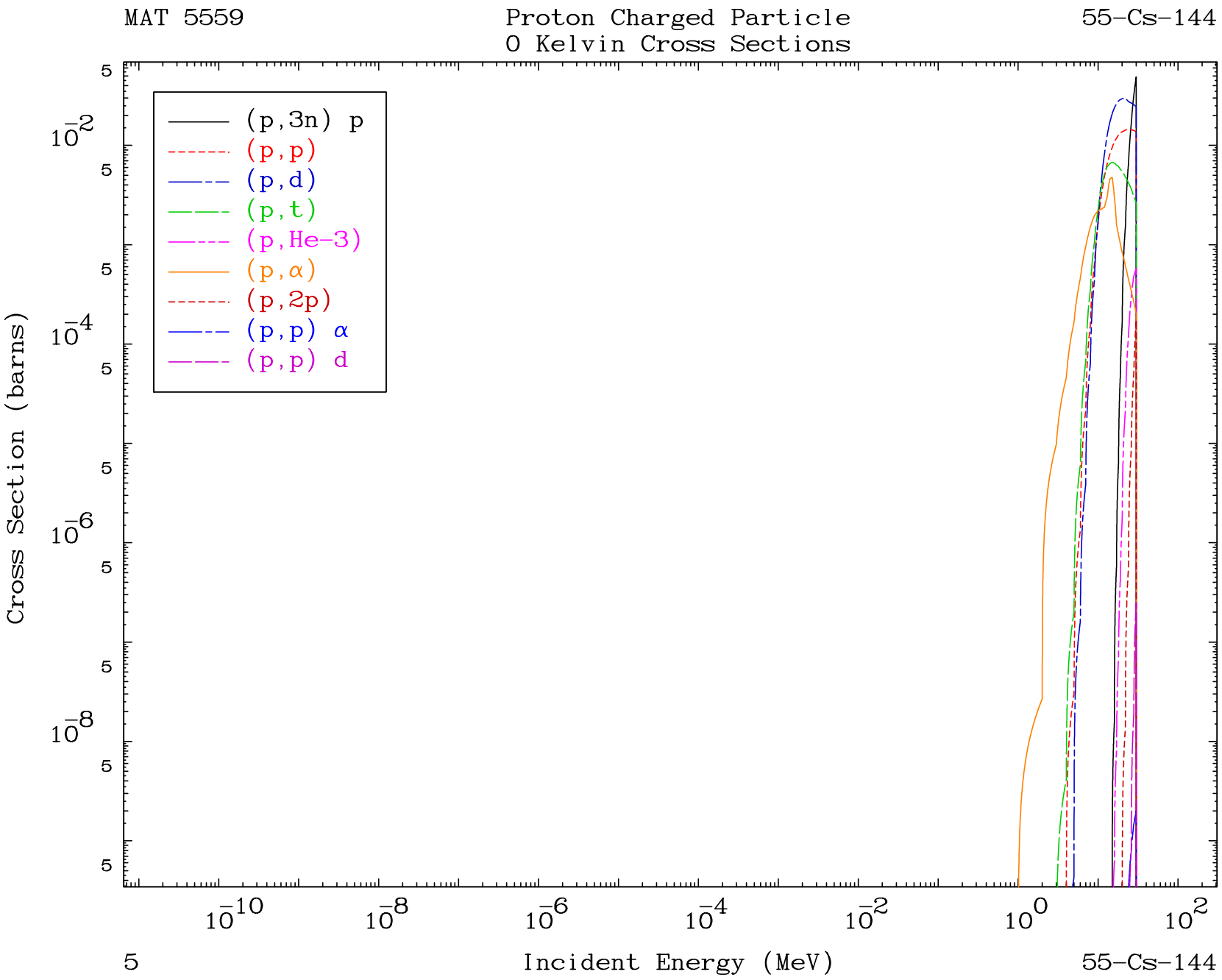

MAT 5559
Proton Major
0 Kelvin Cross Sections
55-Cs-144
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
55-Cs-144


MAT 5559
Proton Neutron Production
0 Kelvin Cross Sections
55-Cs-144
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
55-Cs-144

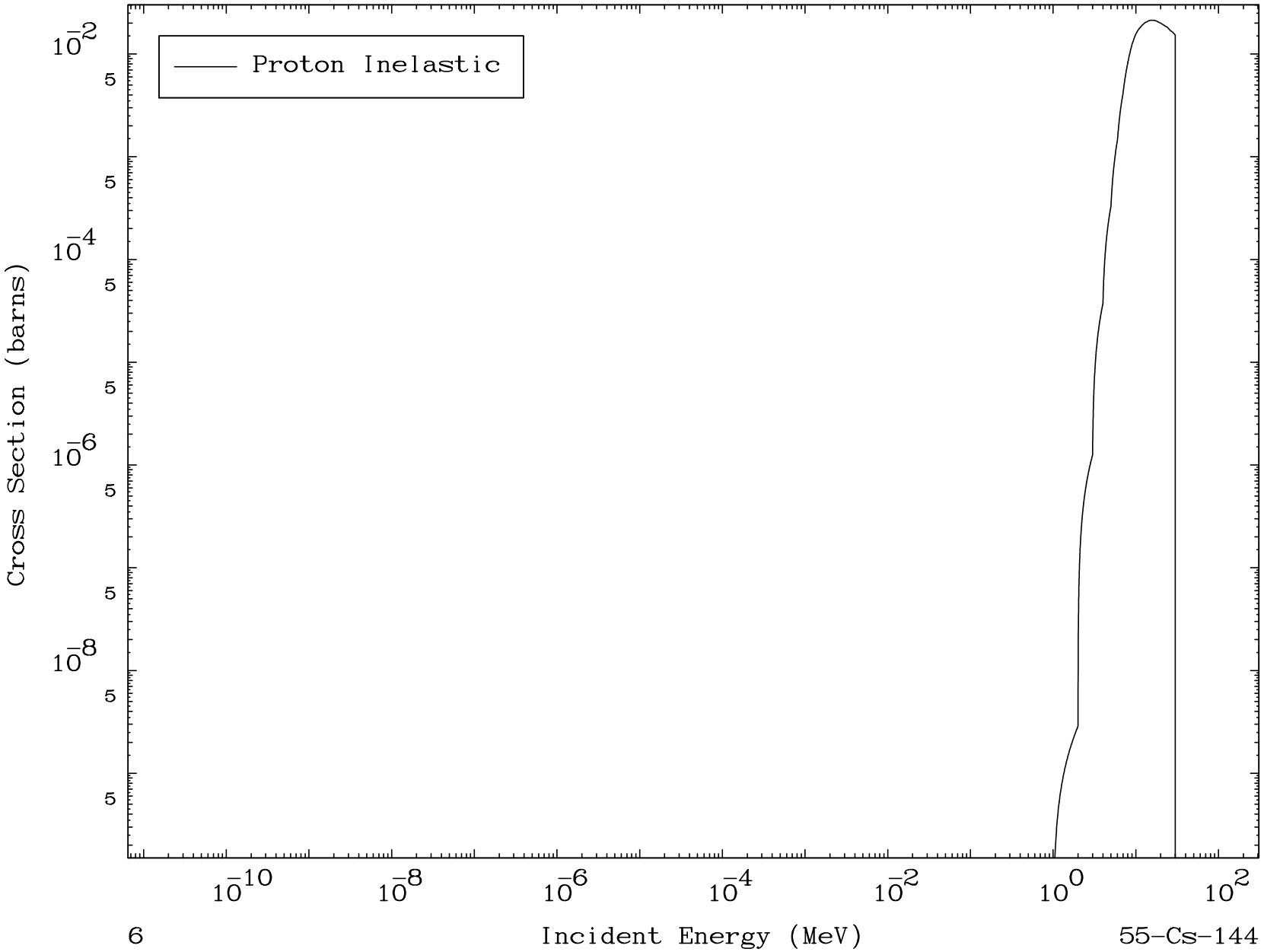

MAT 5559
Proton Neutron Production
0 Kelvin Cross Sections
55-Cs-144
(p,2n) 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
55-Cs-144

Proton Charged Particle
0 Kelvin Cross Sections

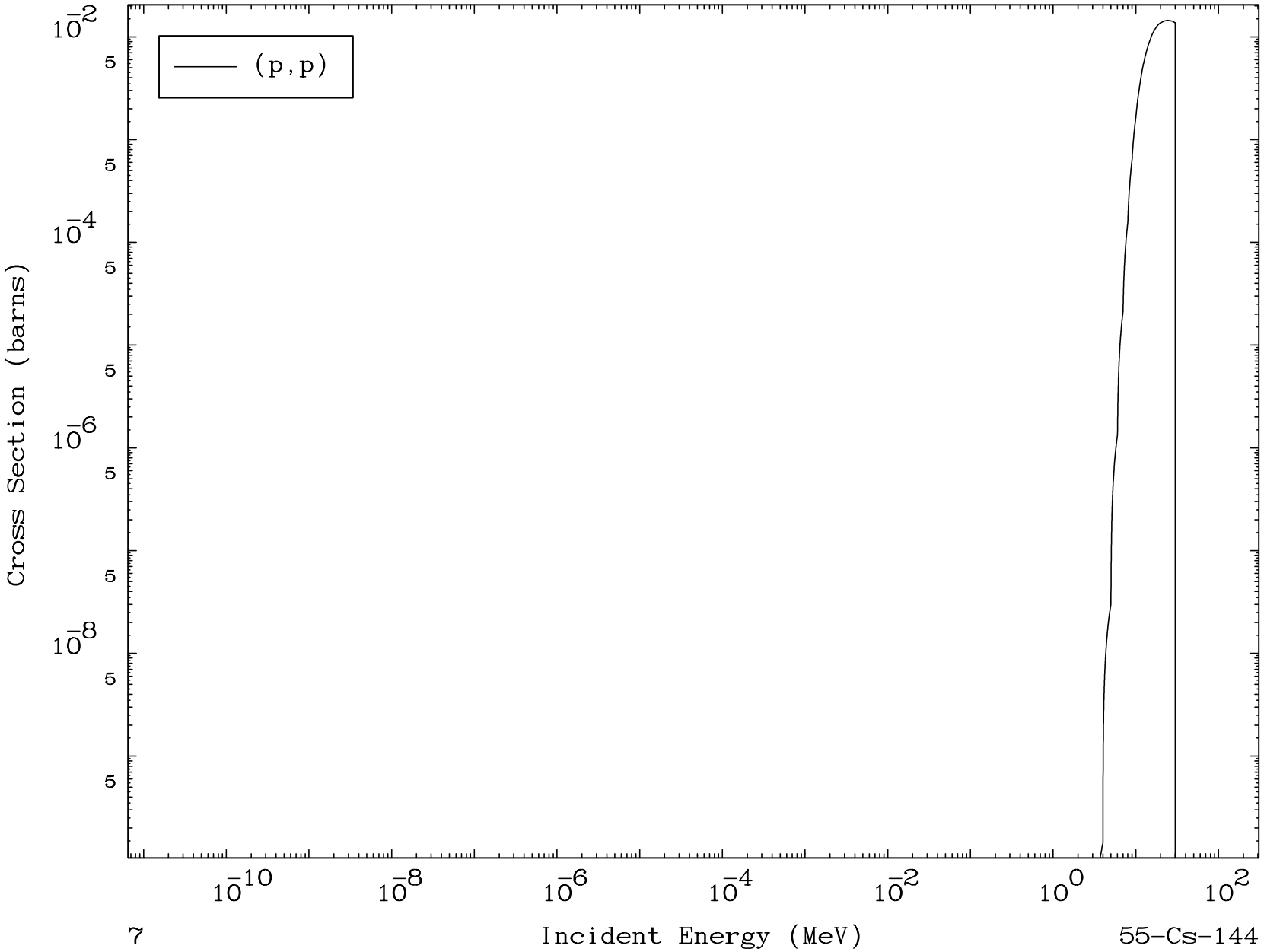



MAT 5559
Proton Charged Particle
0 Kelvin Cross Sections
55-Cs-144
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
(p,p) α
(p,p) d
Cross Section (barns)
Incident Energy (MeV)
55-Cs-144

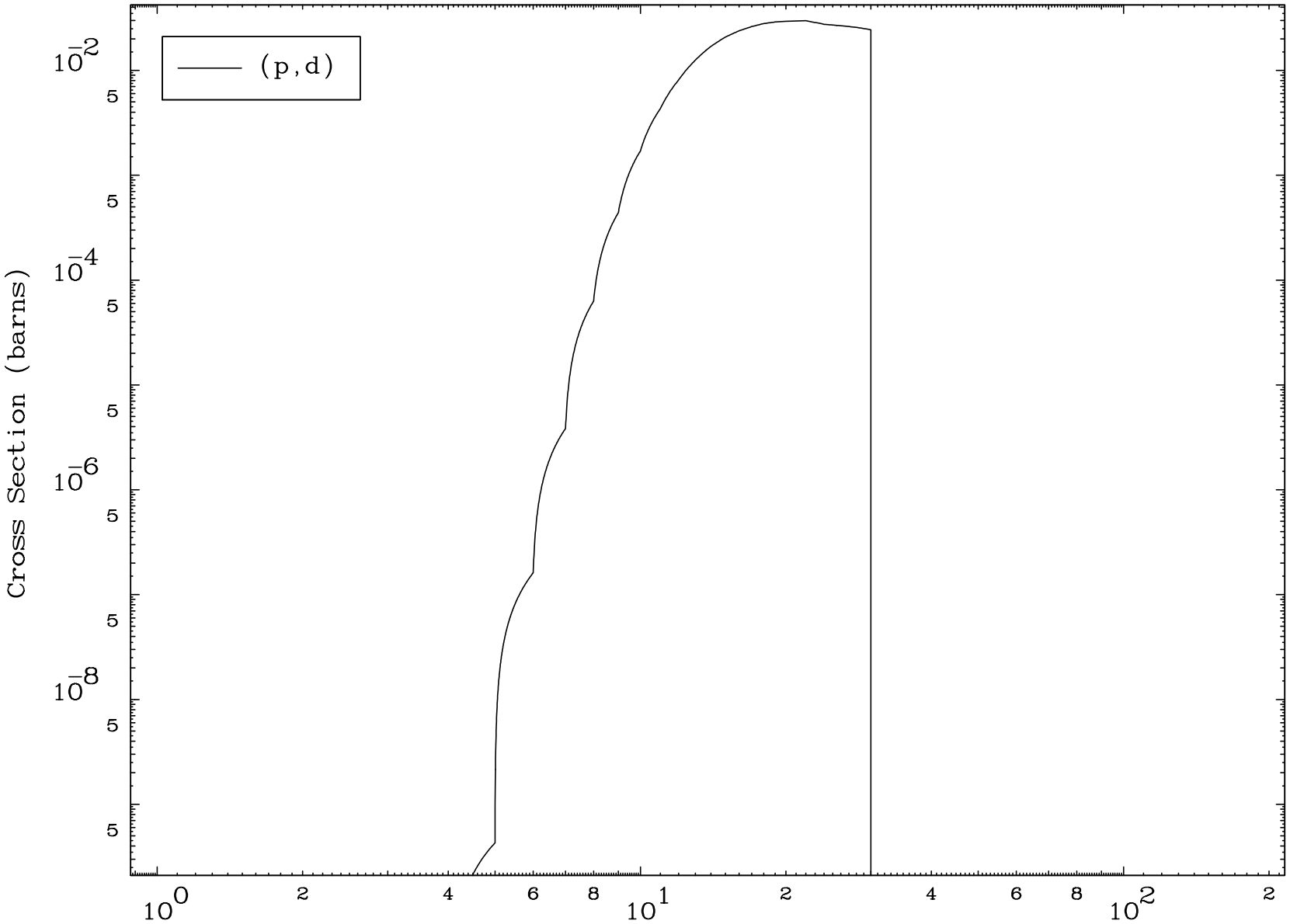
0 Kelvin Cross Sections



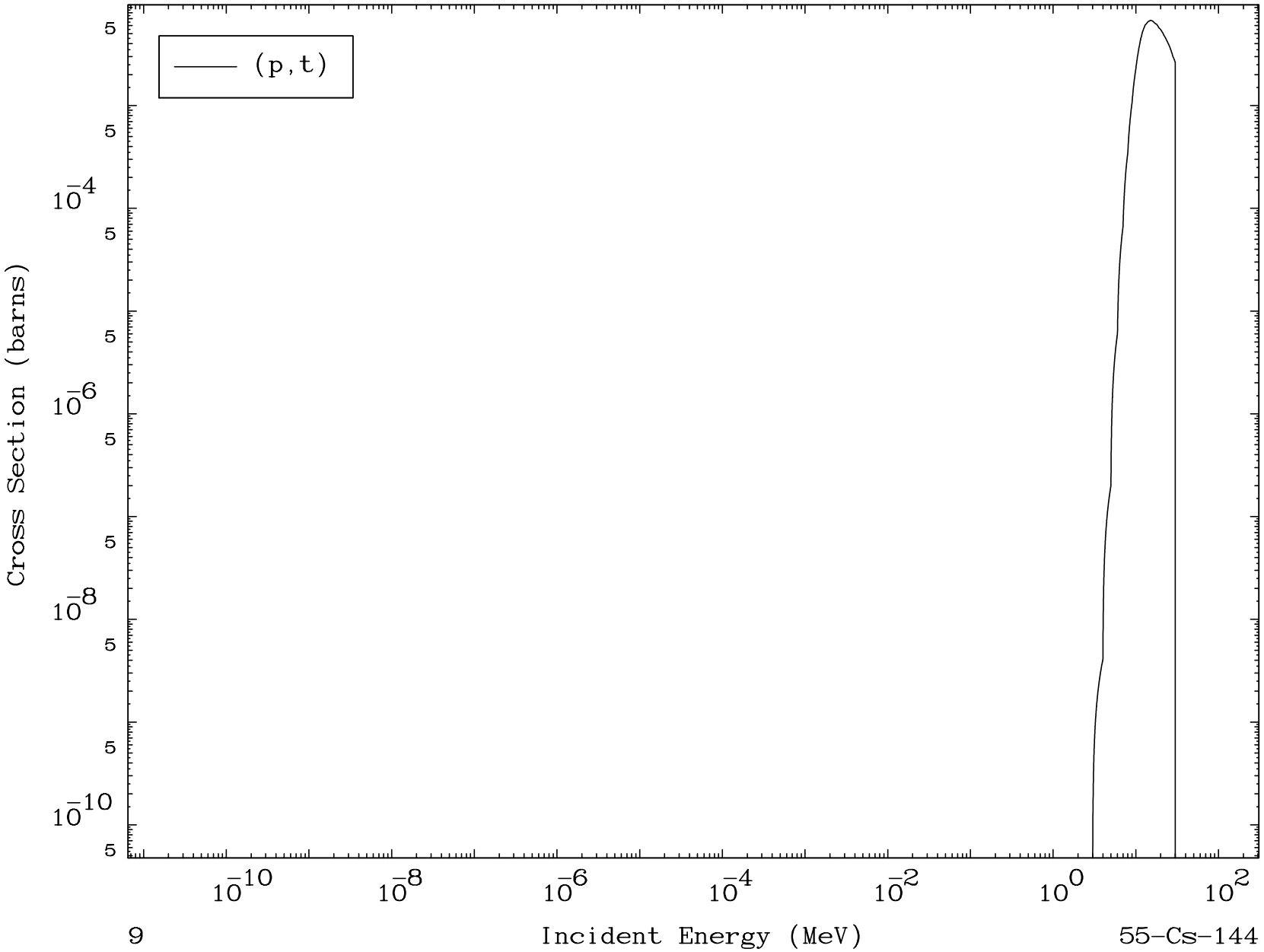
0 Kelvin Cross Sections

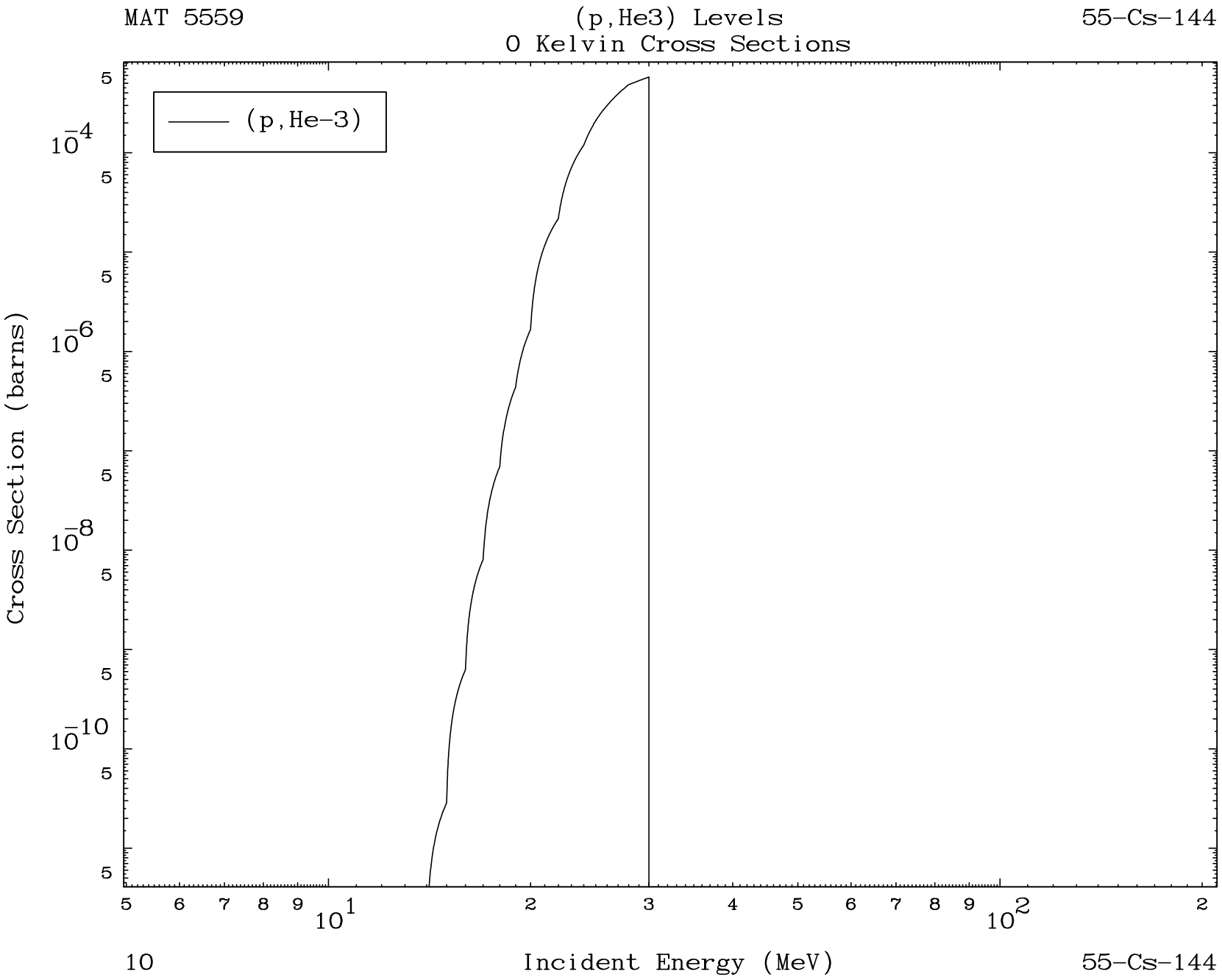


0 Kelvin Cross Sections

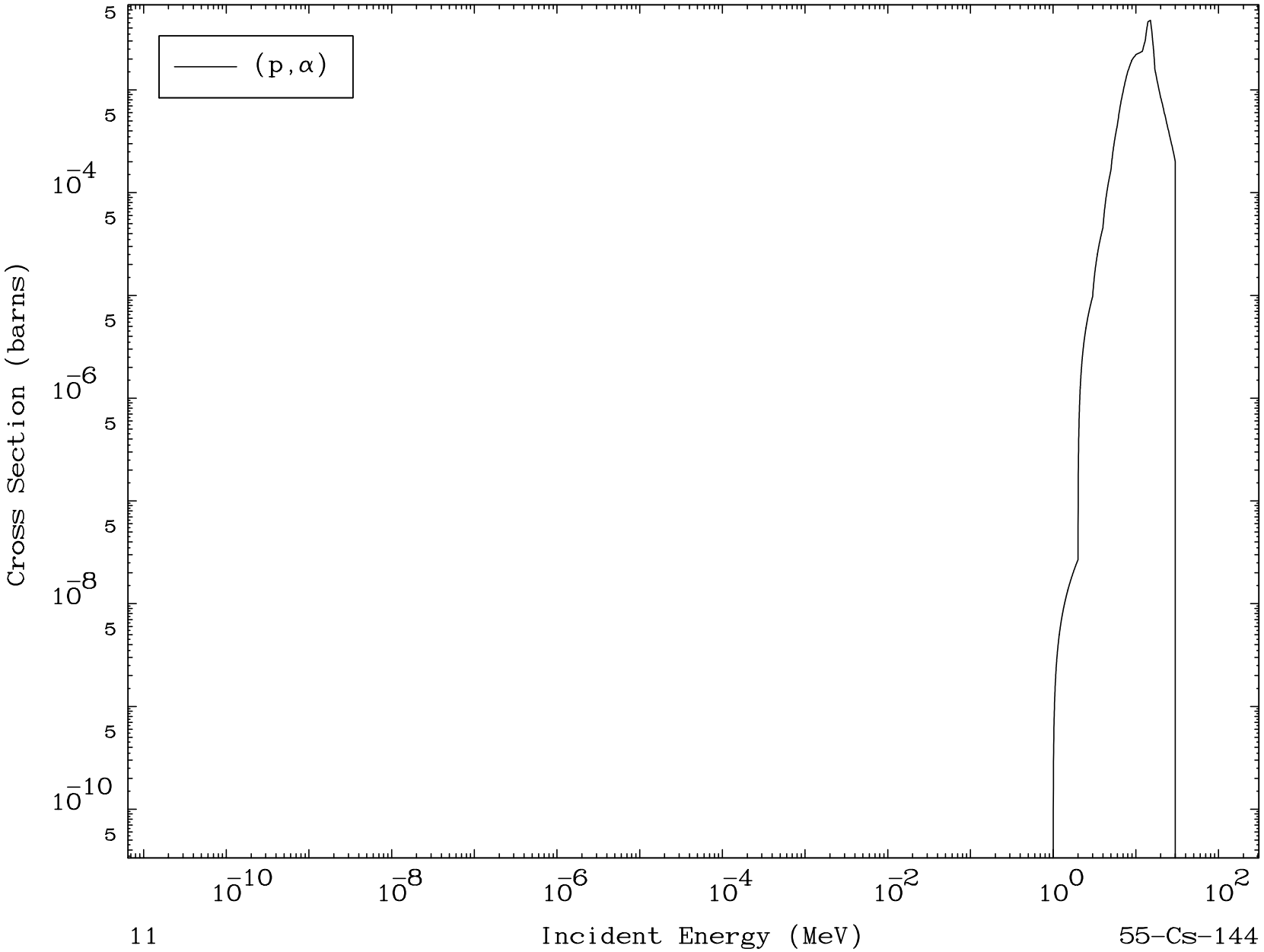


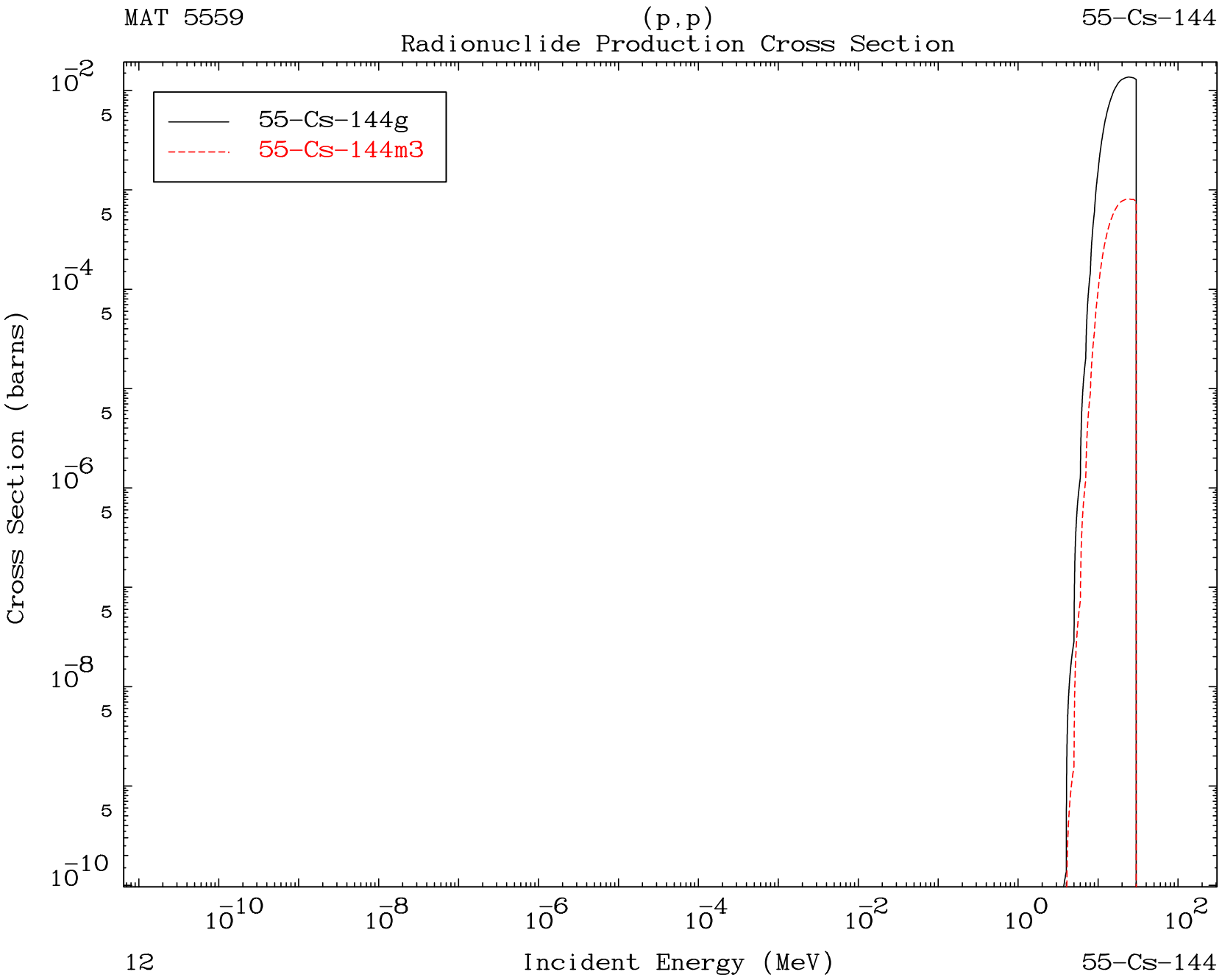
0 Kelvin Cross Sections




MAT 5559
(p,He3) Levels
0 Kelvin Cross Sections
55-Cs-144
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
55-Cs-144

0 Kelvin Cross Sections




MAT 5559
(p,p)
55-Cs-144
Radionuclide Production Cross Section
55-Cs-144g
55-Cs-144m3
Cross Section (barns)
Incident Energy (MeV)
12
55-Cs-144