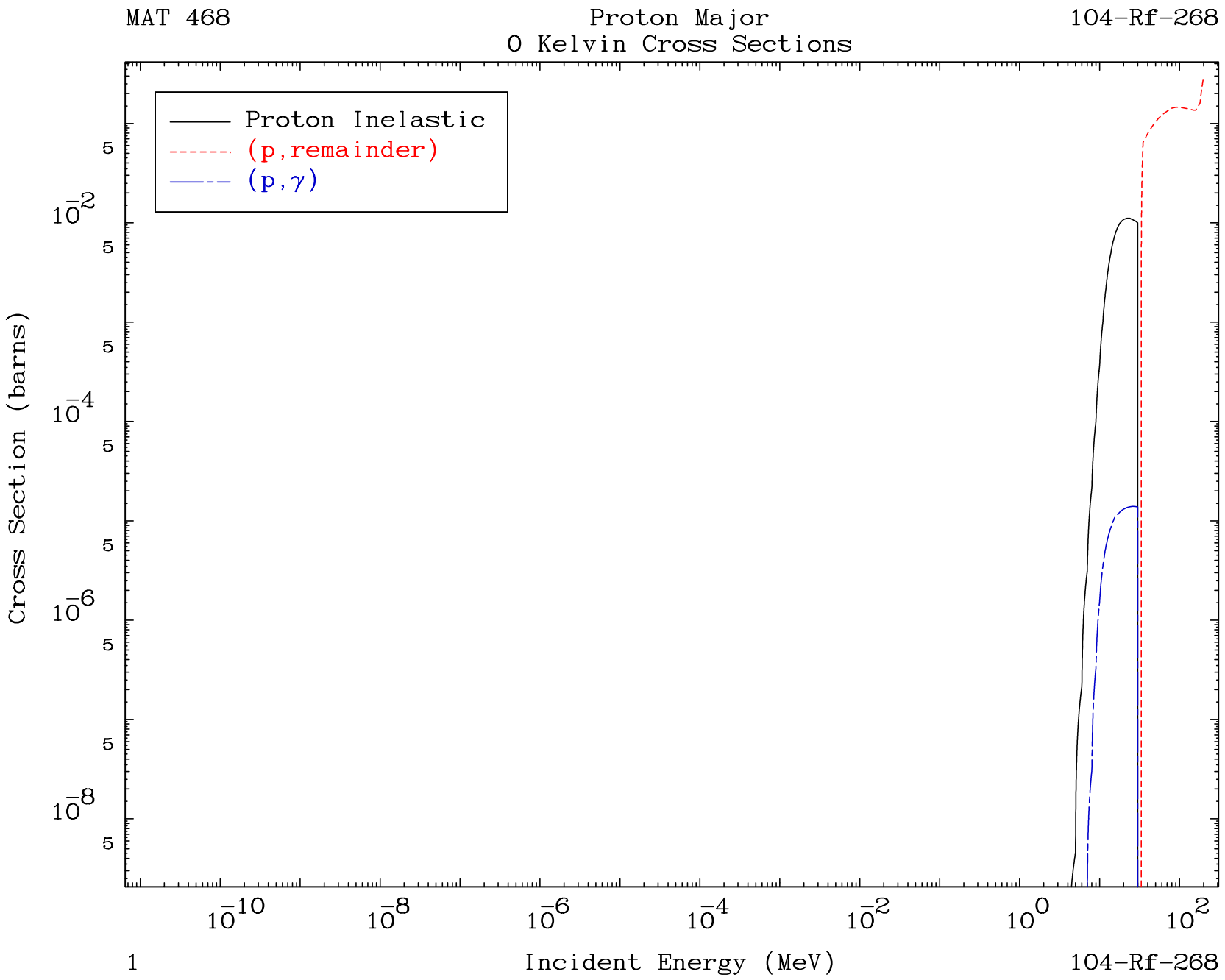
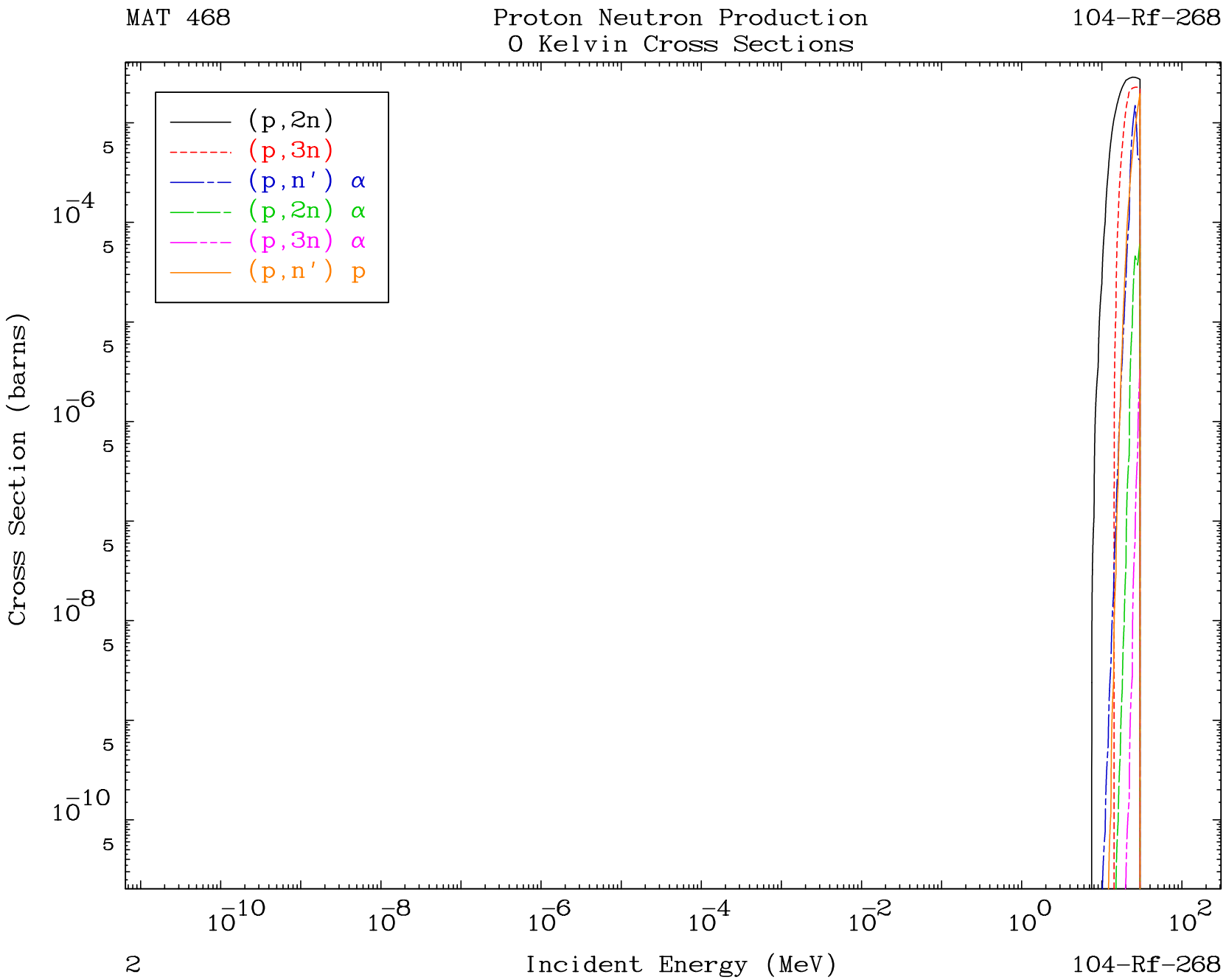
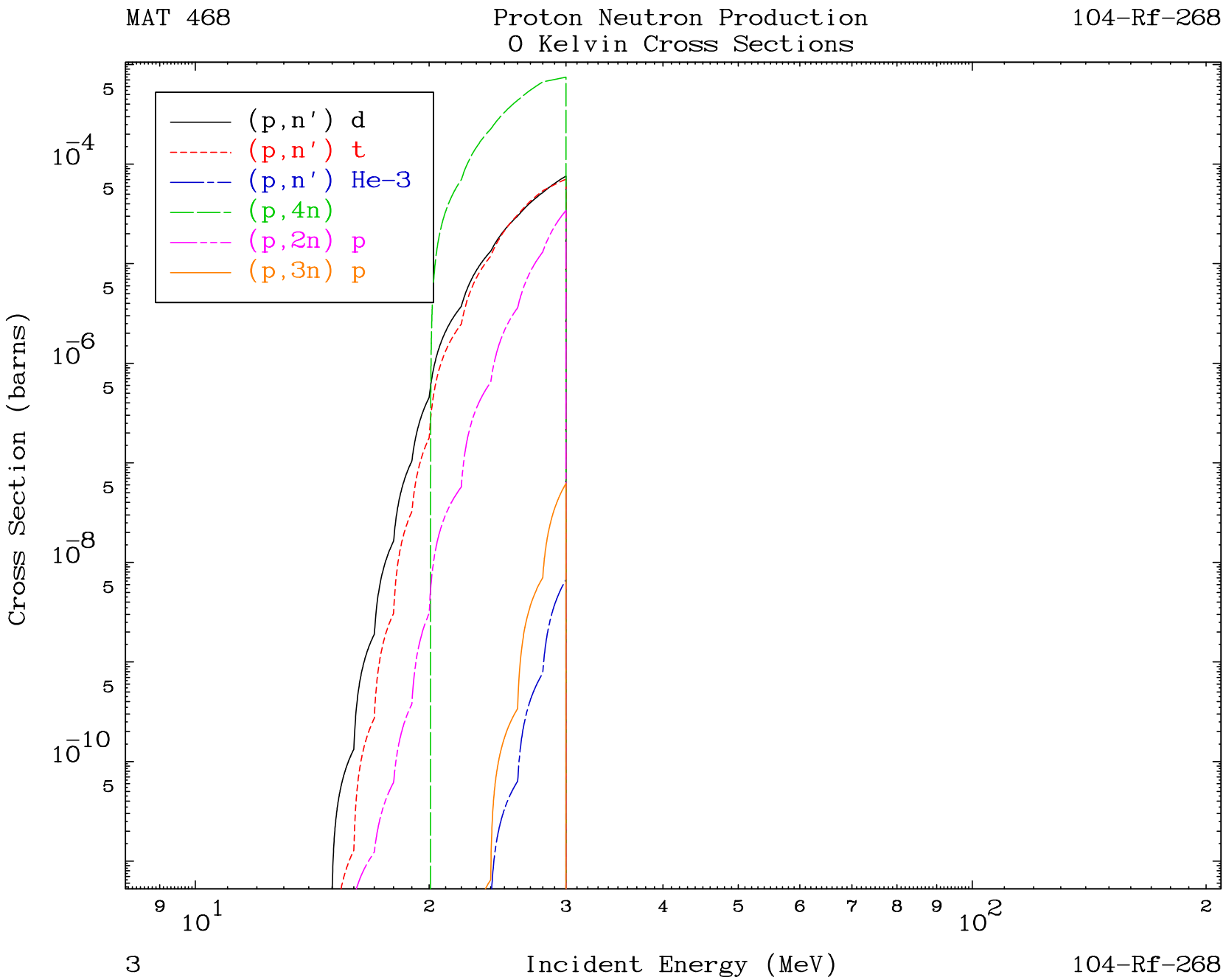
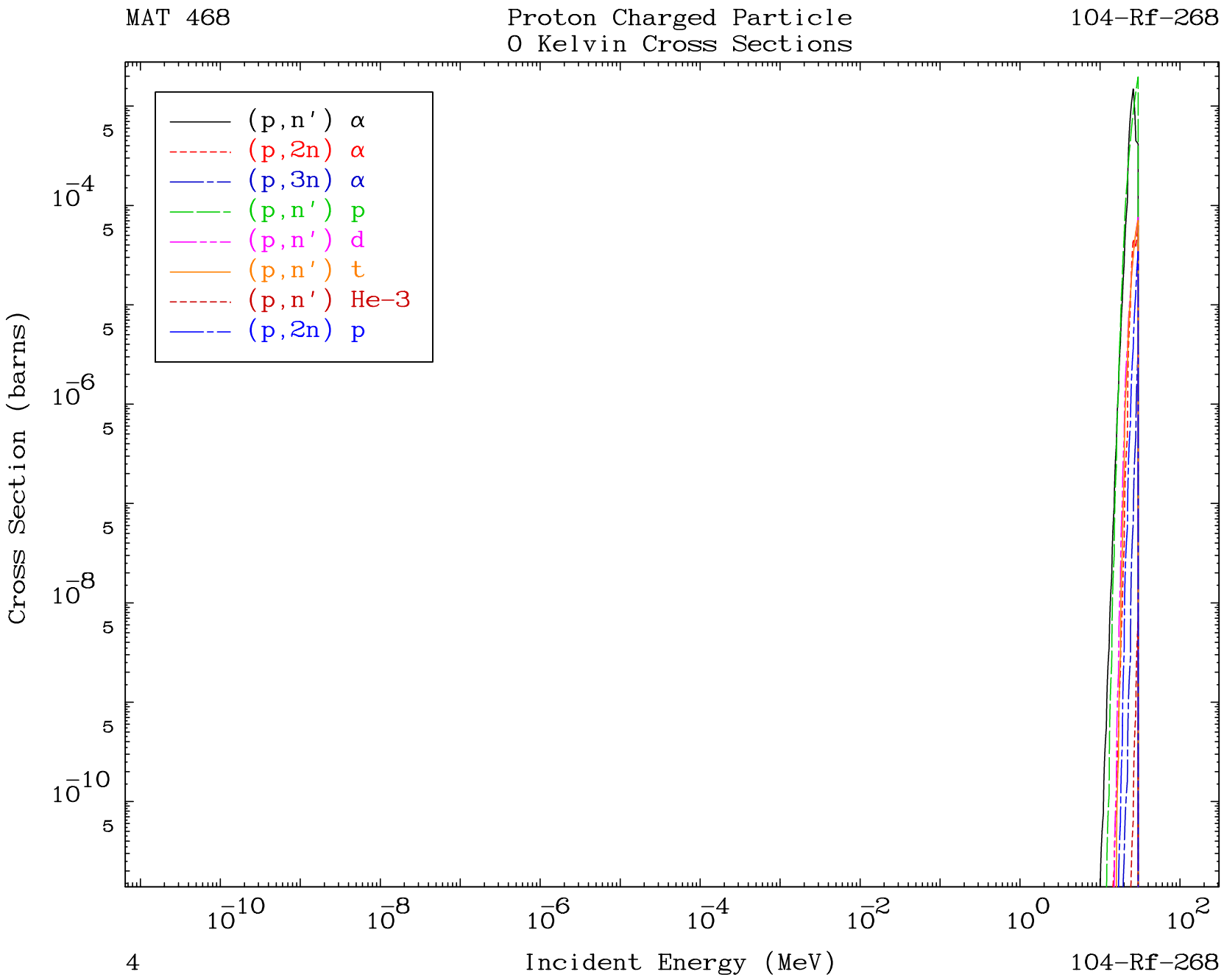
Program EVALPLOT
(Version 2017-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

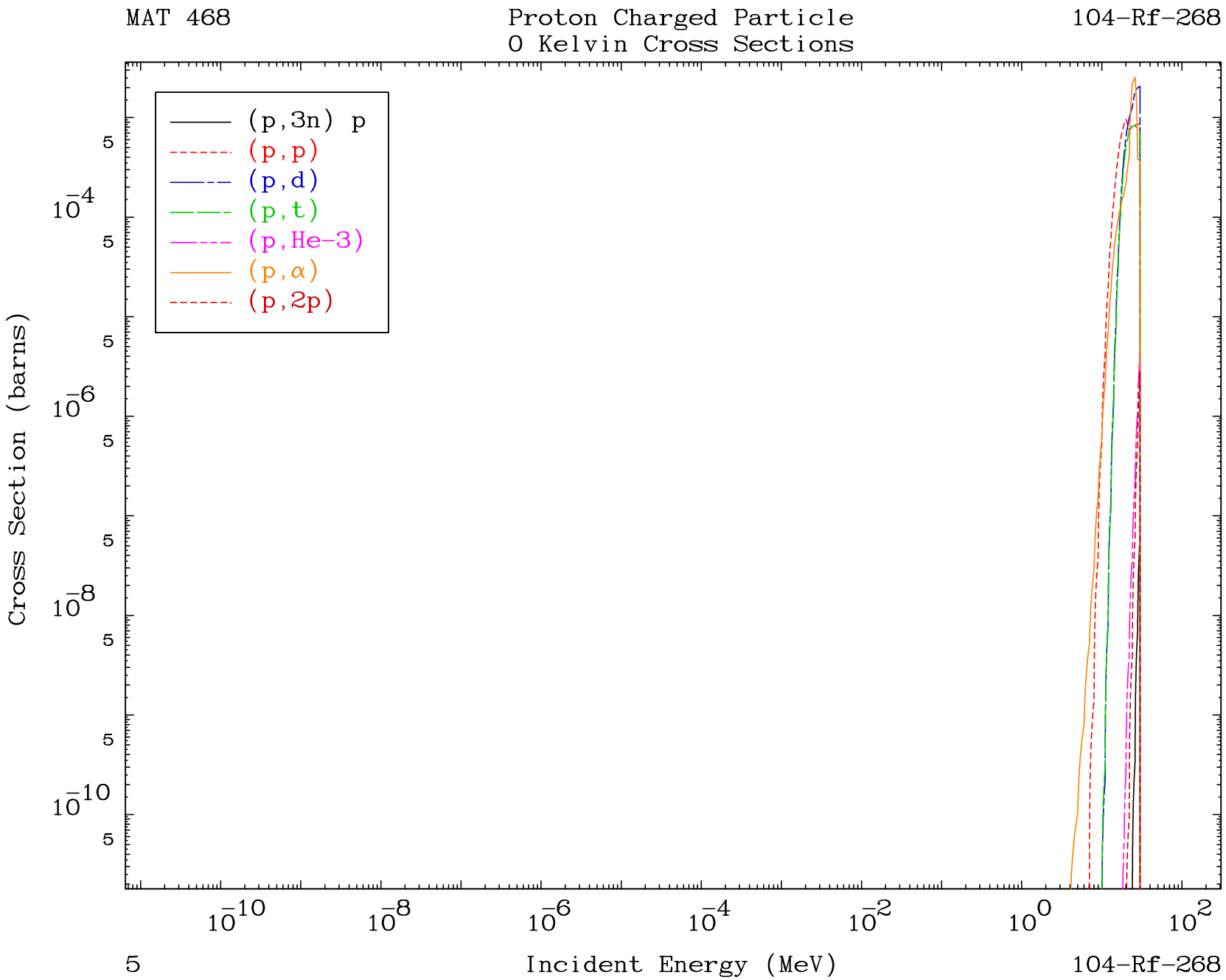
Press Mouse Button to Start

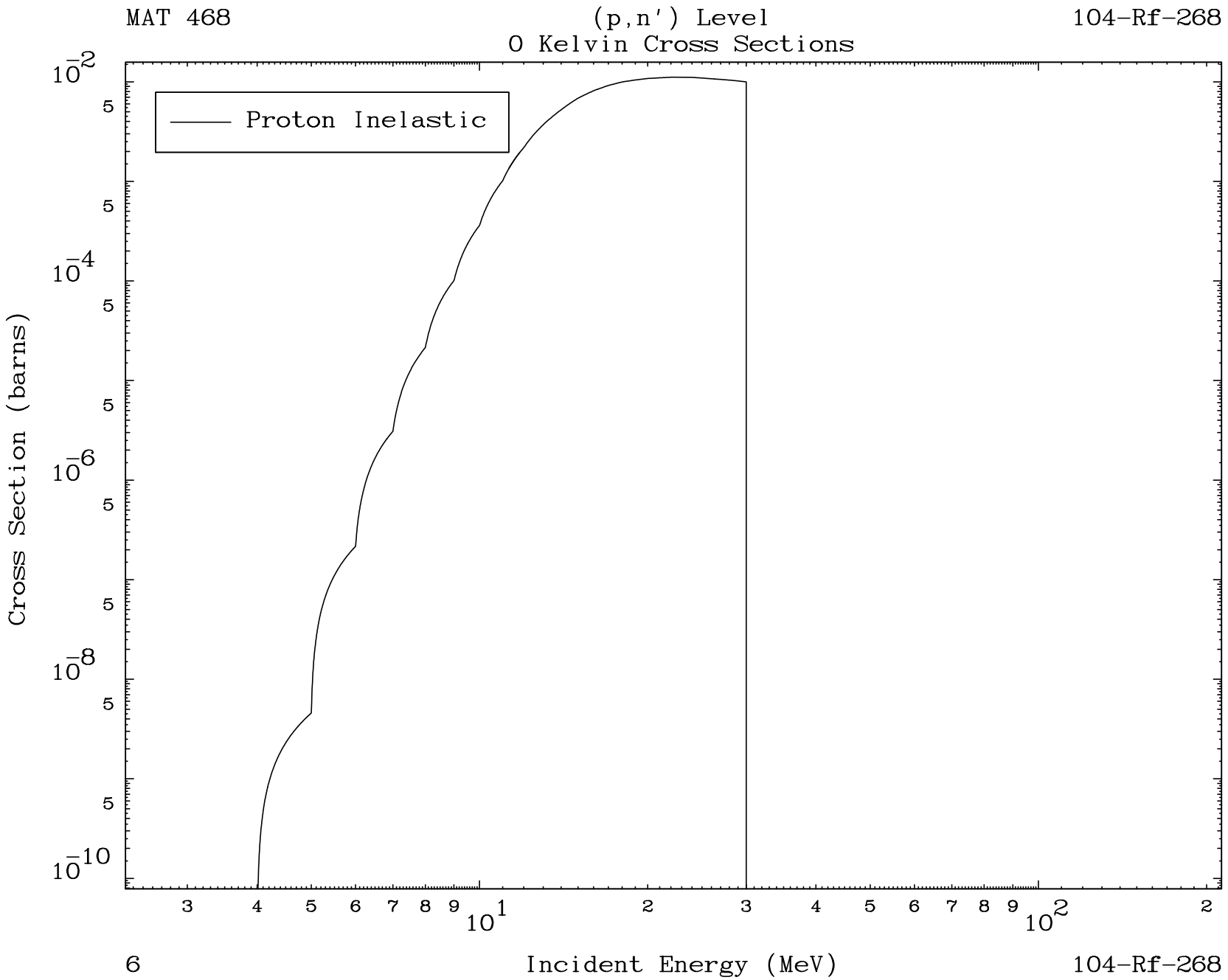

MAT 468
Proton Major
104-Rf-268
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
104-Rf-268
1

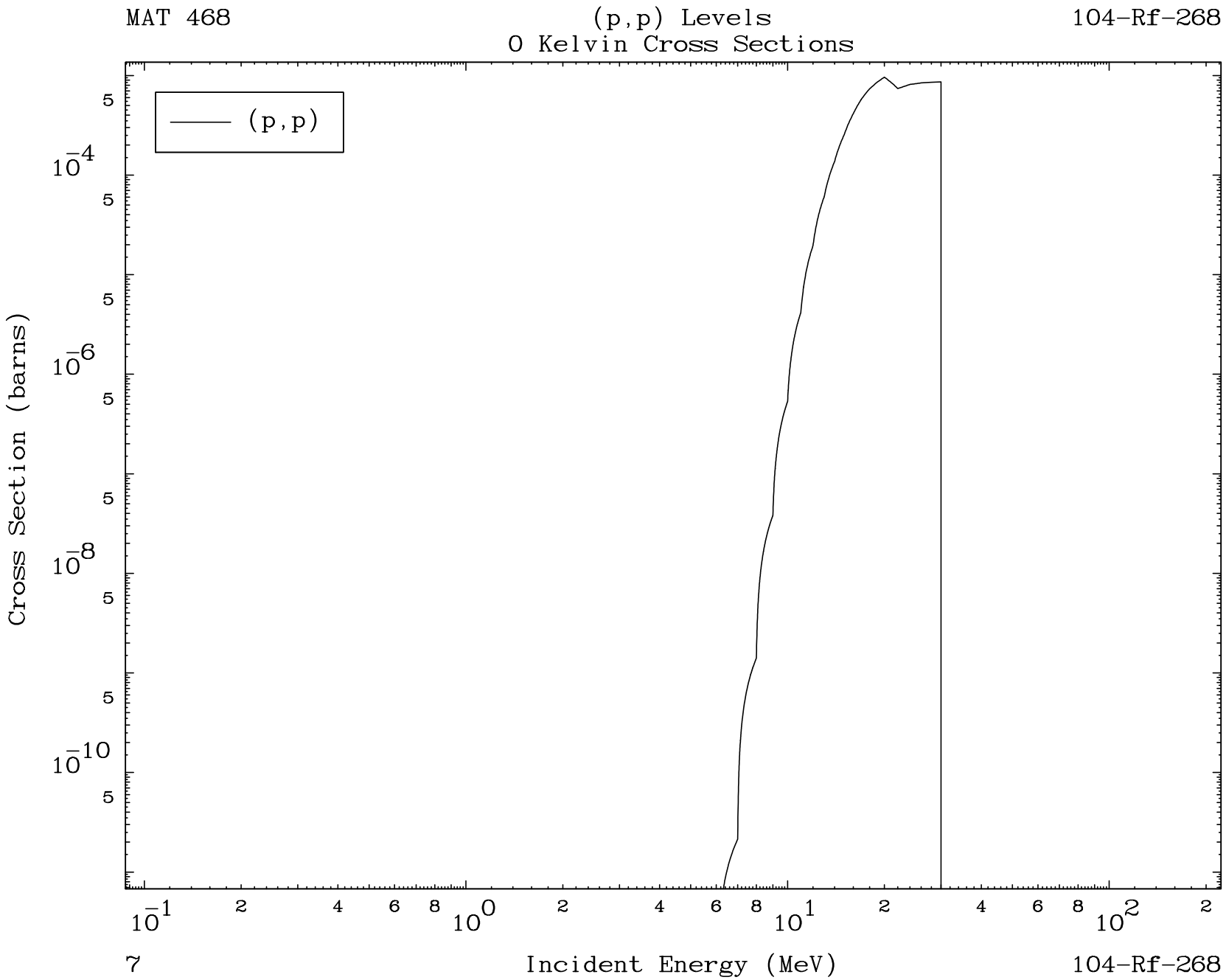

MAT 468
Proton Neutron Production
0 Kelvin Cross Sections
104-Rf-268
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
2
104-Rf-268

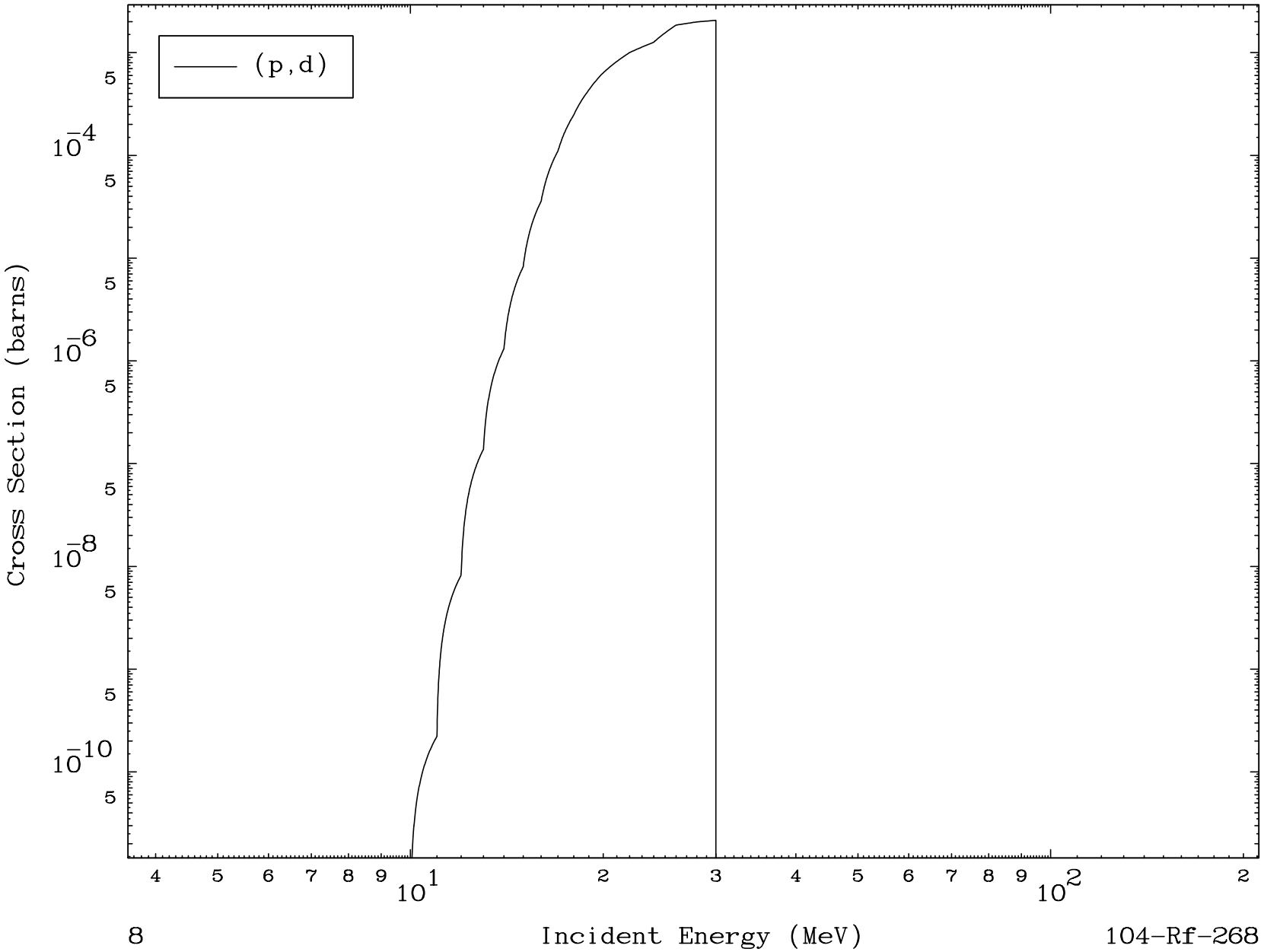

MAT 468
Proton Neutron Production
0 Kelvin Cross Sections
104-Rf-268
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
104-Rf-268

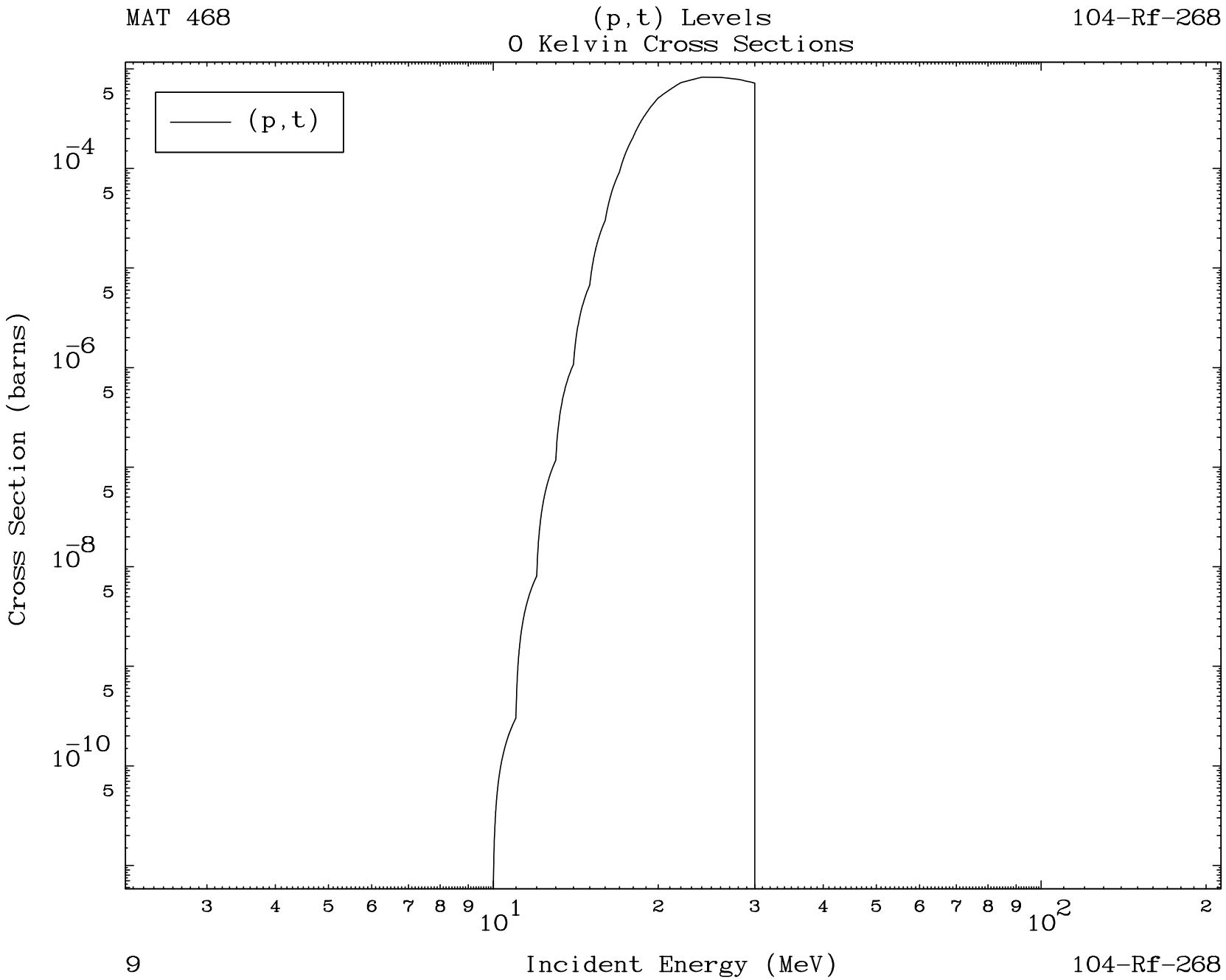

MAT 468
Proton Charged Particle
0 Kelvin Cross Sections
104-Rf-268
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
104-Rf-268

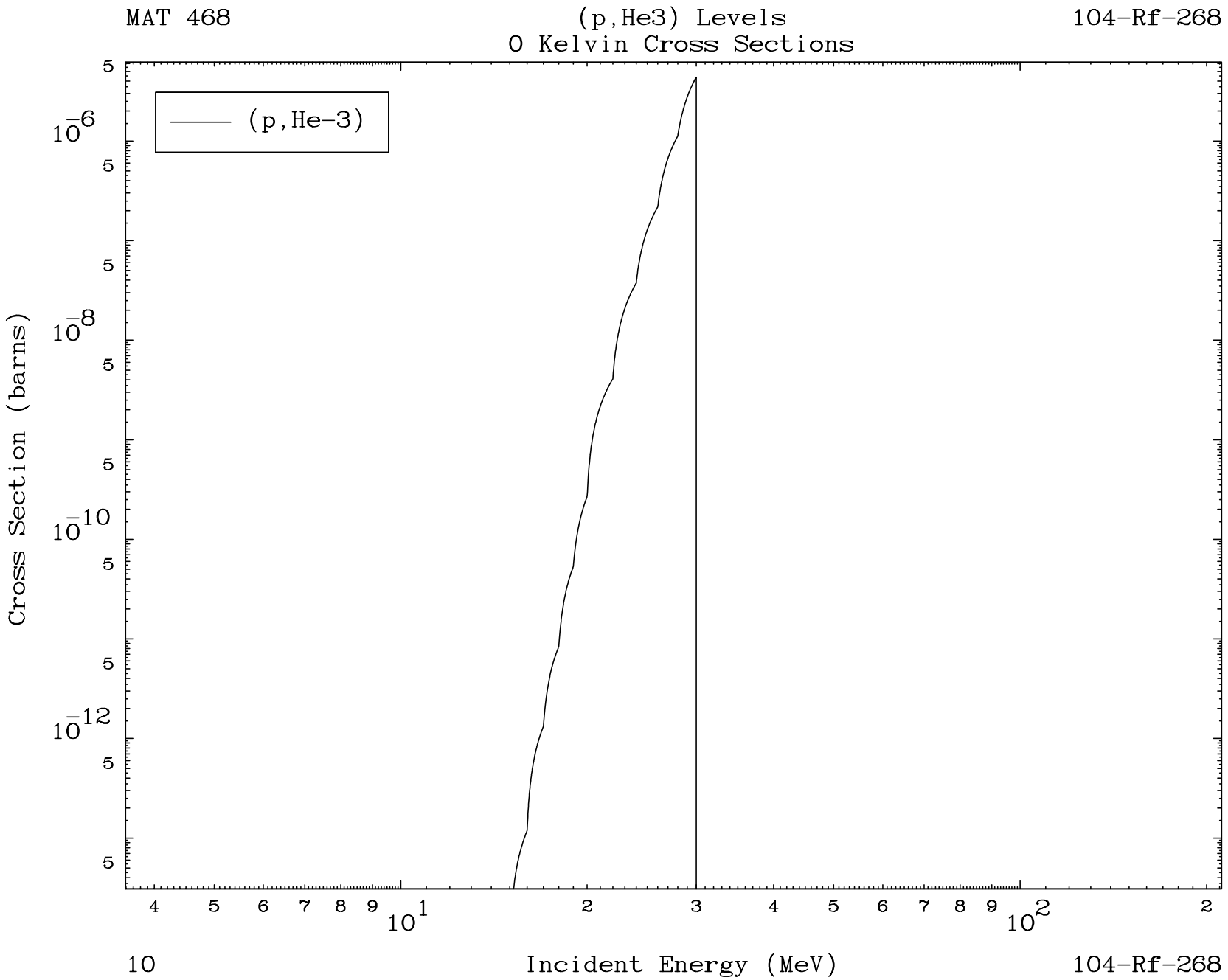

MAT 468
Proton Charged Particle
0 Kelvin Cross Sections
104-Rf-268
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
Cross Section (barns)
Incident Energy (MeV)
104-Rf-268

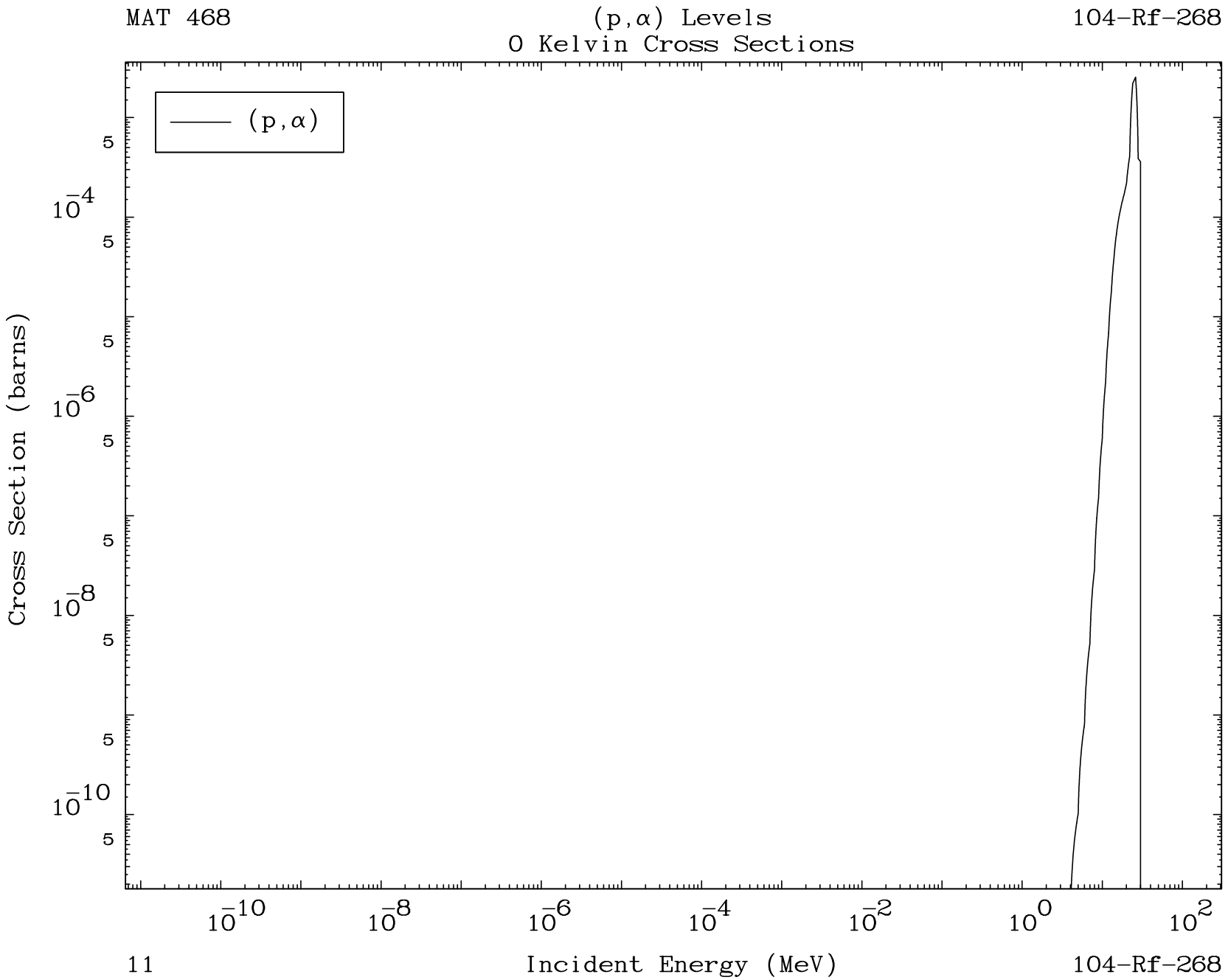

MAT 468
(p,n') Level
104-Rf-268
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
104-Rf-268

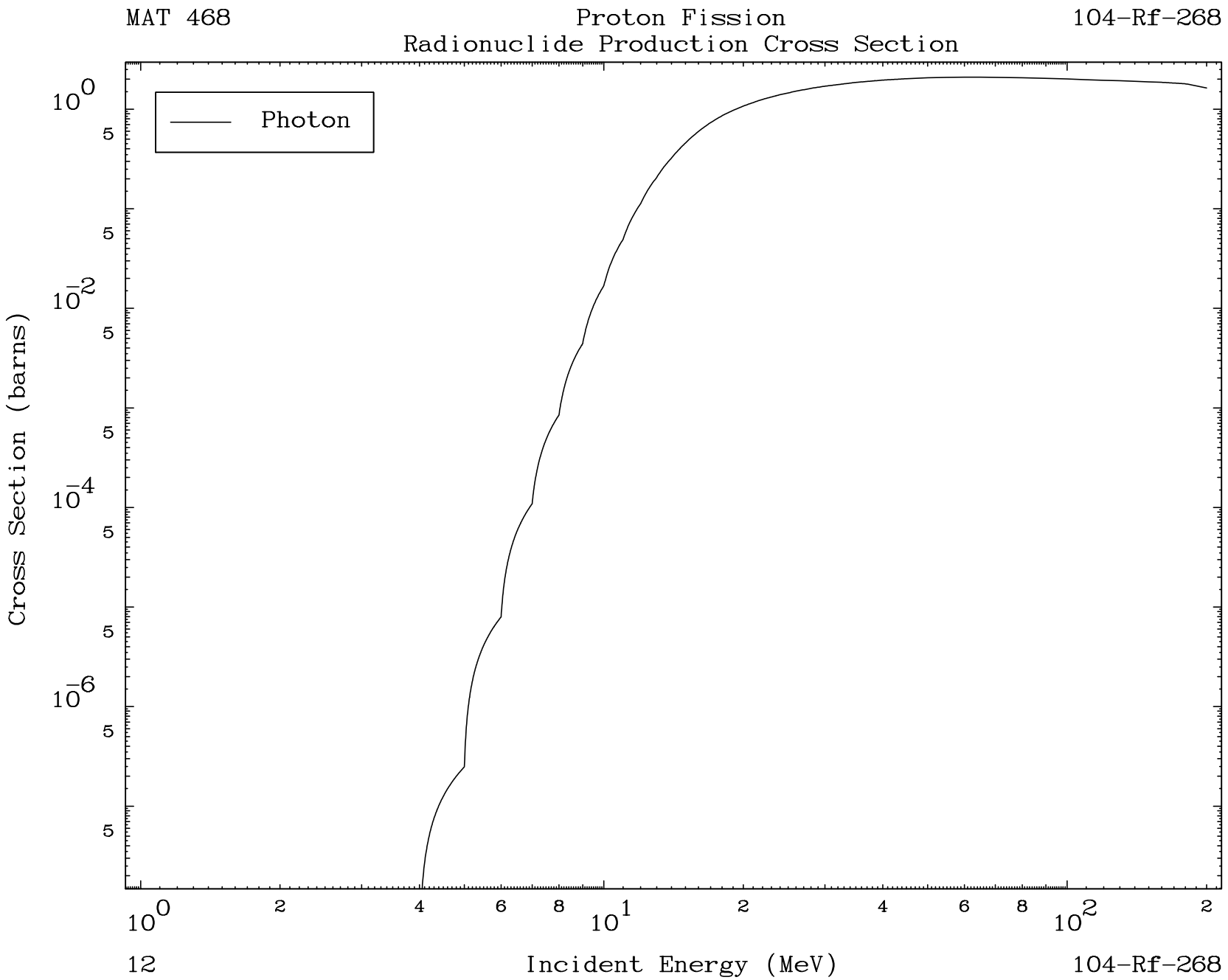

MAT 468
(p,p) Levels
104-Rf-268
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
104-Rf-268


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


MAT 468
(p,t) Levels
104-Rf-268
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
9
104-Rf-268


MAT 468
(p,He3) Levels
104-Rf-268
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
104-Rf-268


MAT 468
(p,α) Levels
104-Rf-268
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
104-Rf-268


MAT 468
Proton Fission
104-Rf-268
Radionuclide Production Cross Section
Photon
Cross Section (barns)
Incident Energy (MeV)
12
104-Rf-268