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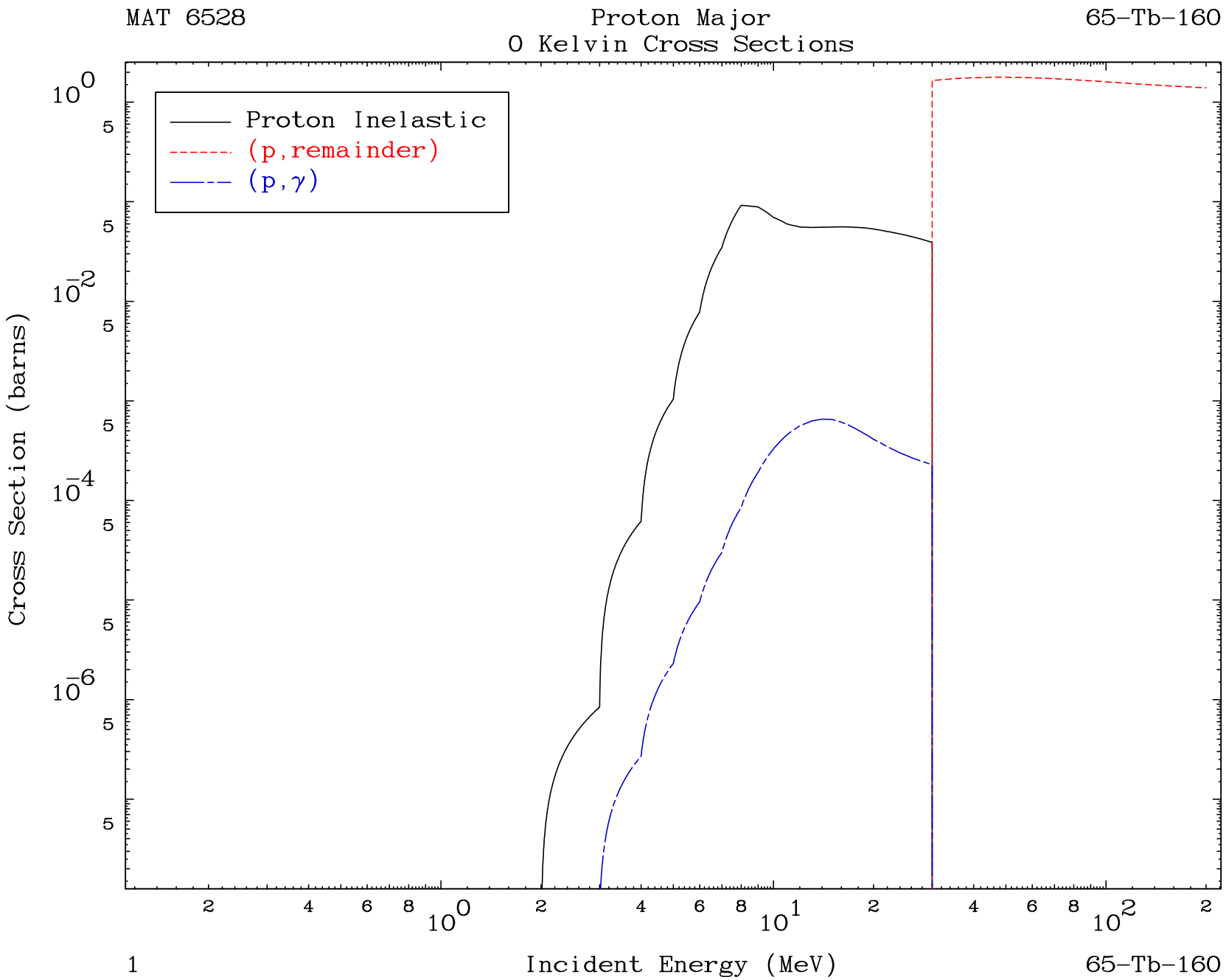
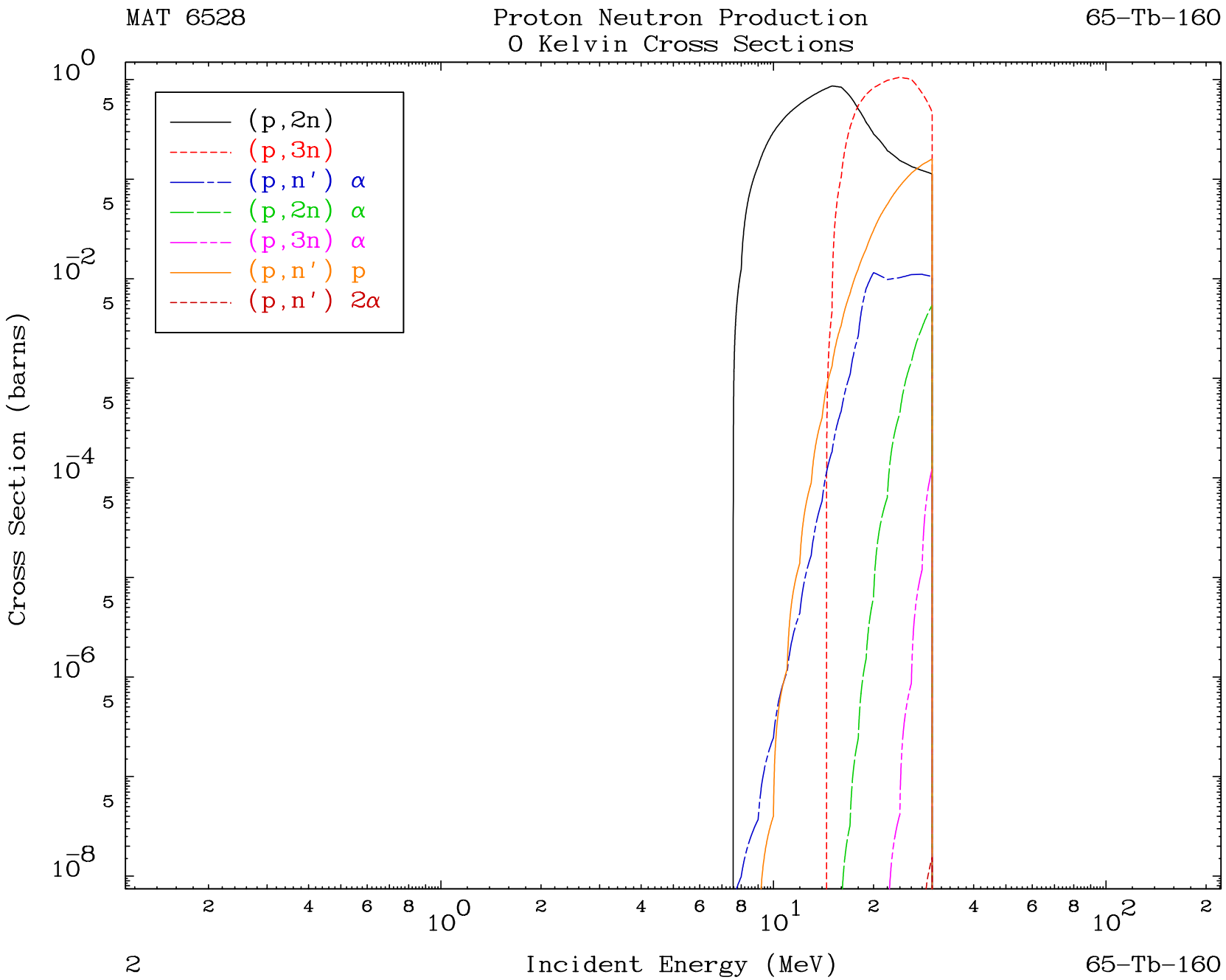
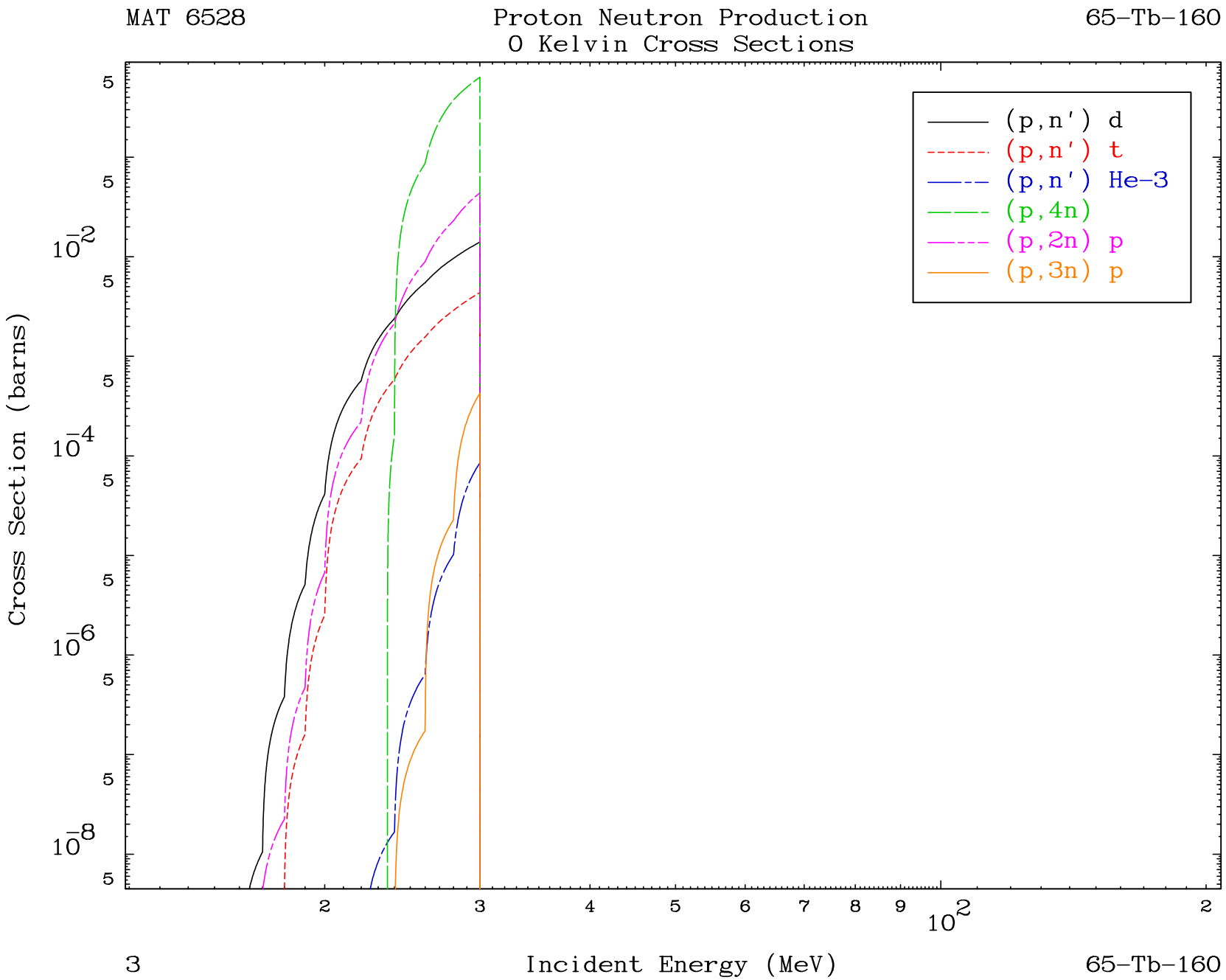
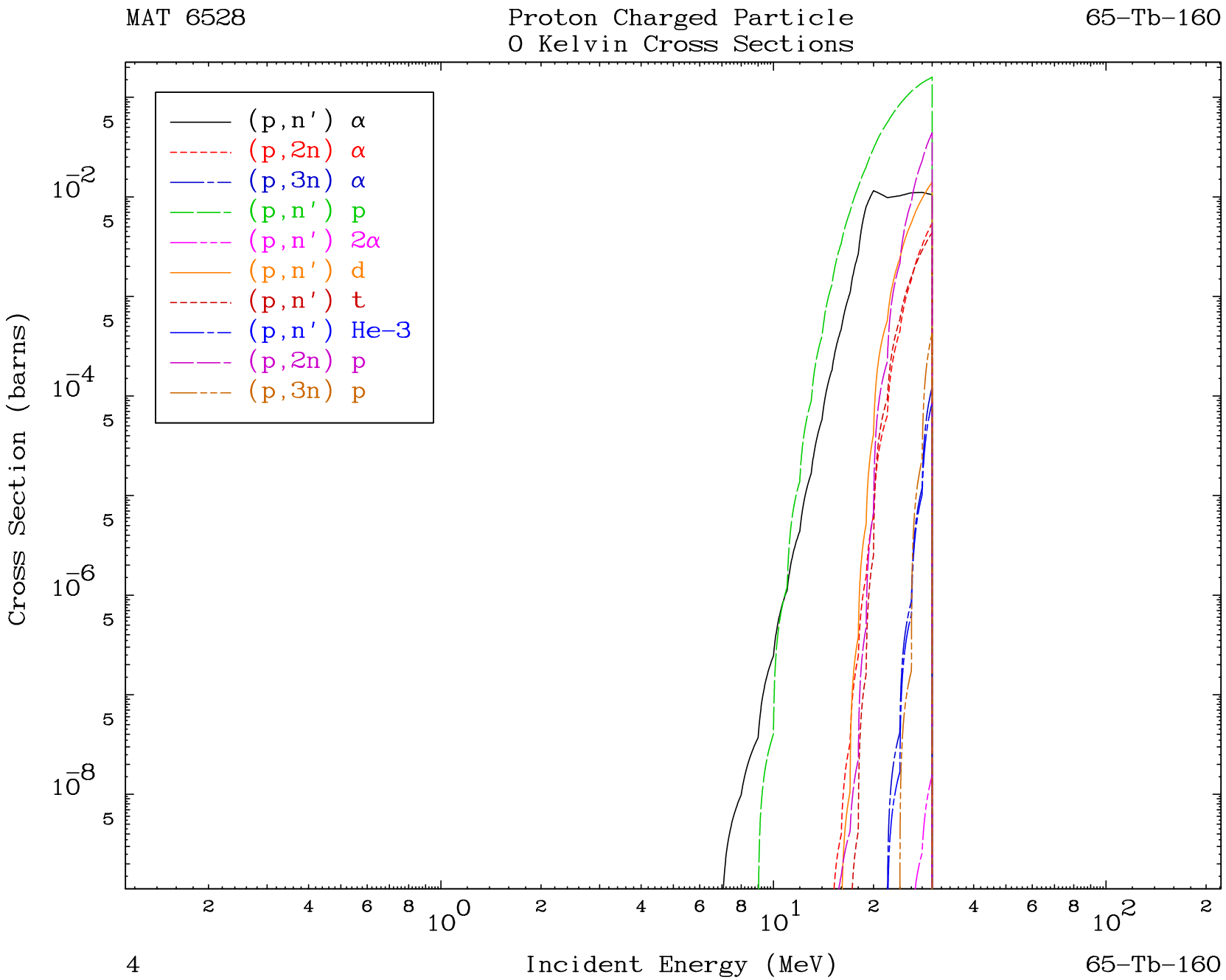
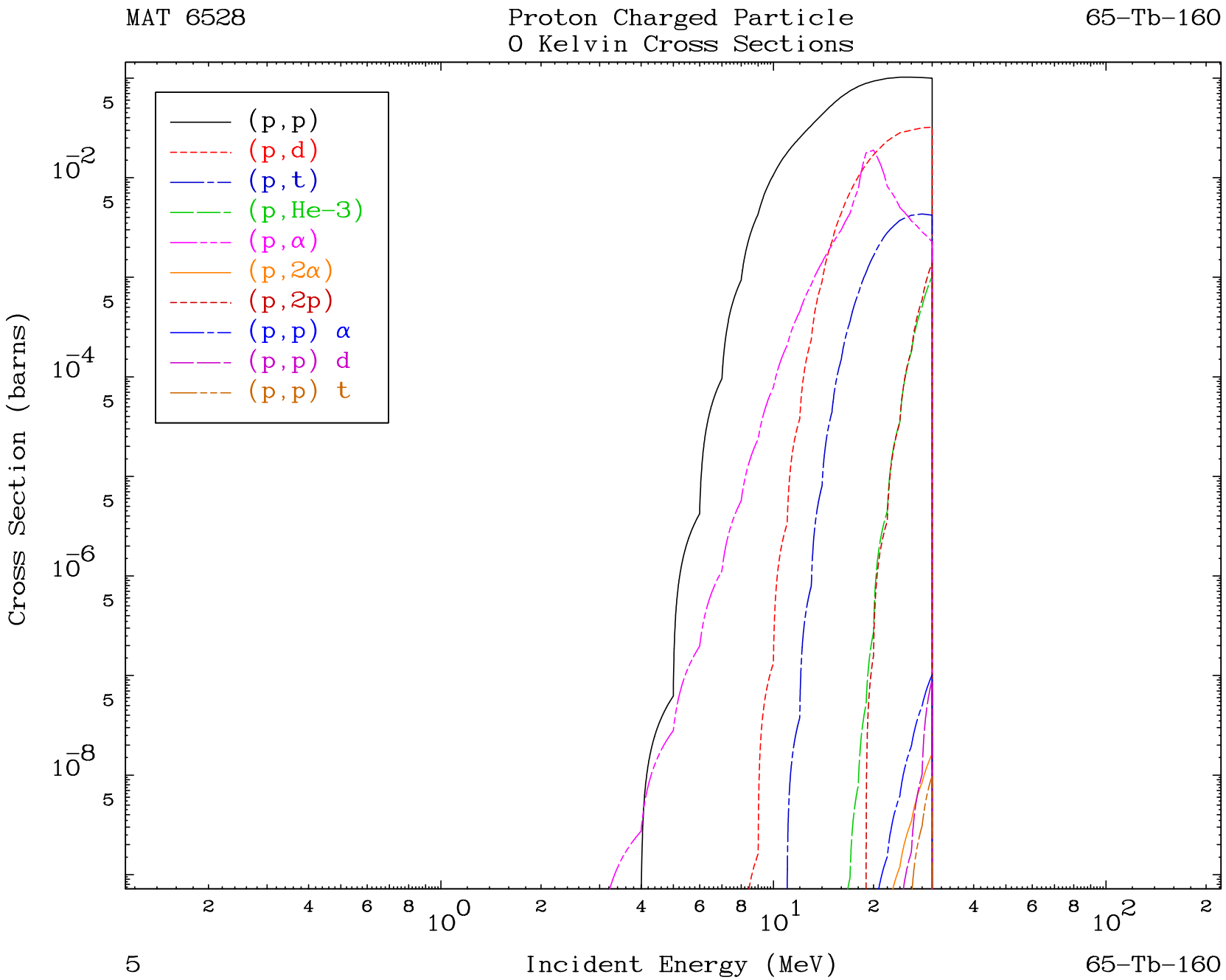
Press Mouse Button to Start

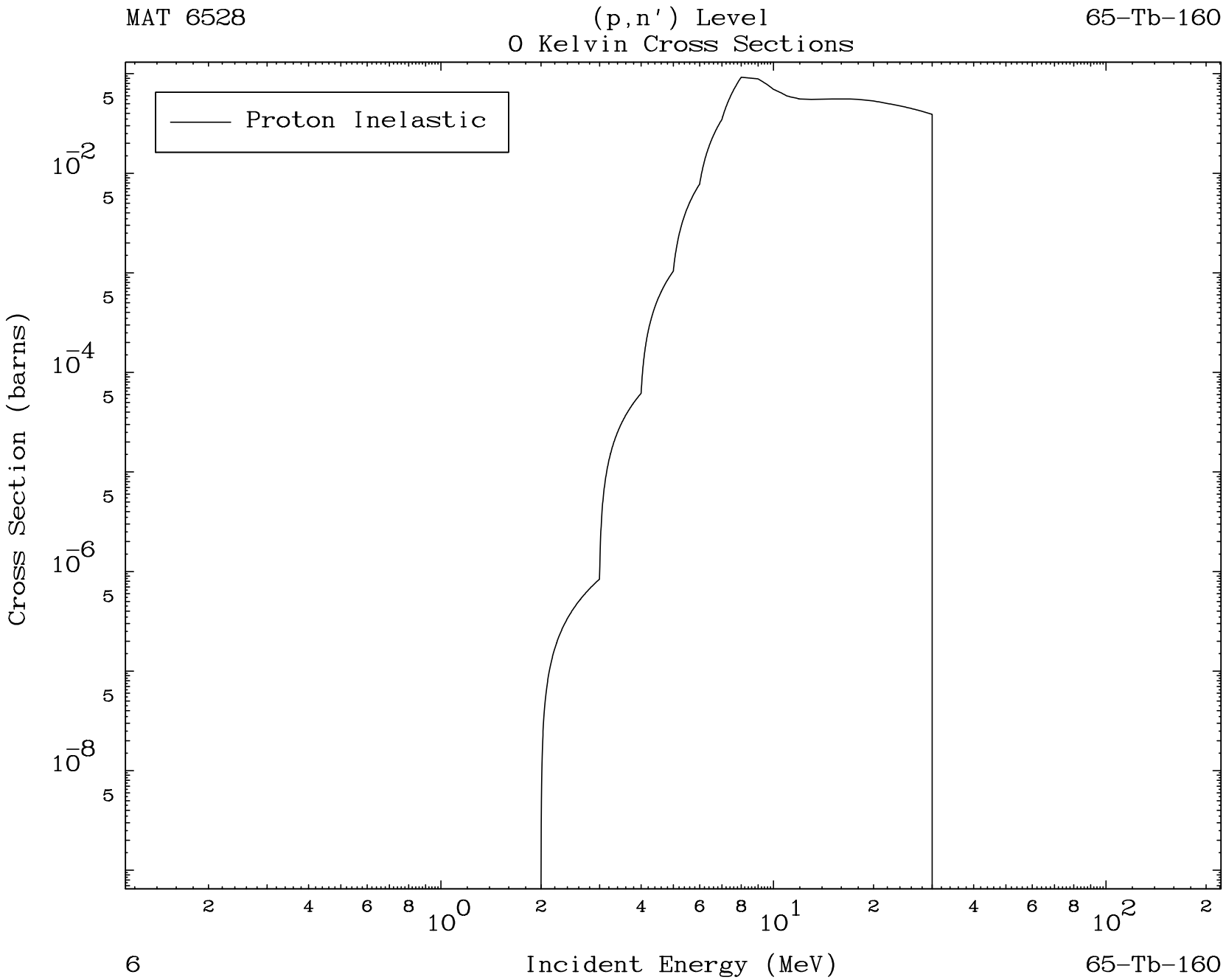

MAT 6528
Proton Major
65-Tb-160
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
65-Tb-160
1

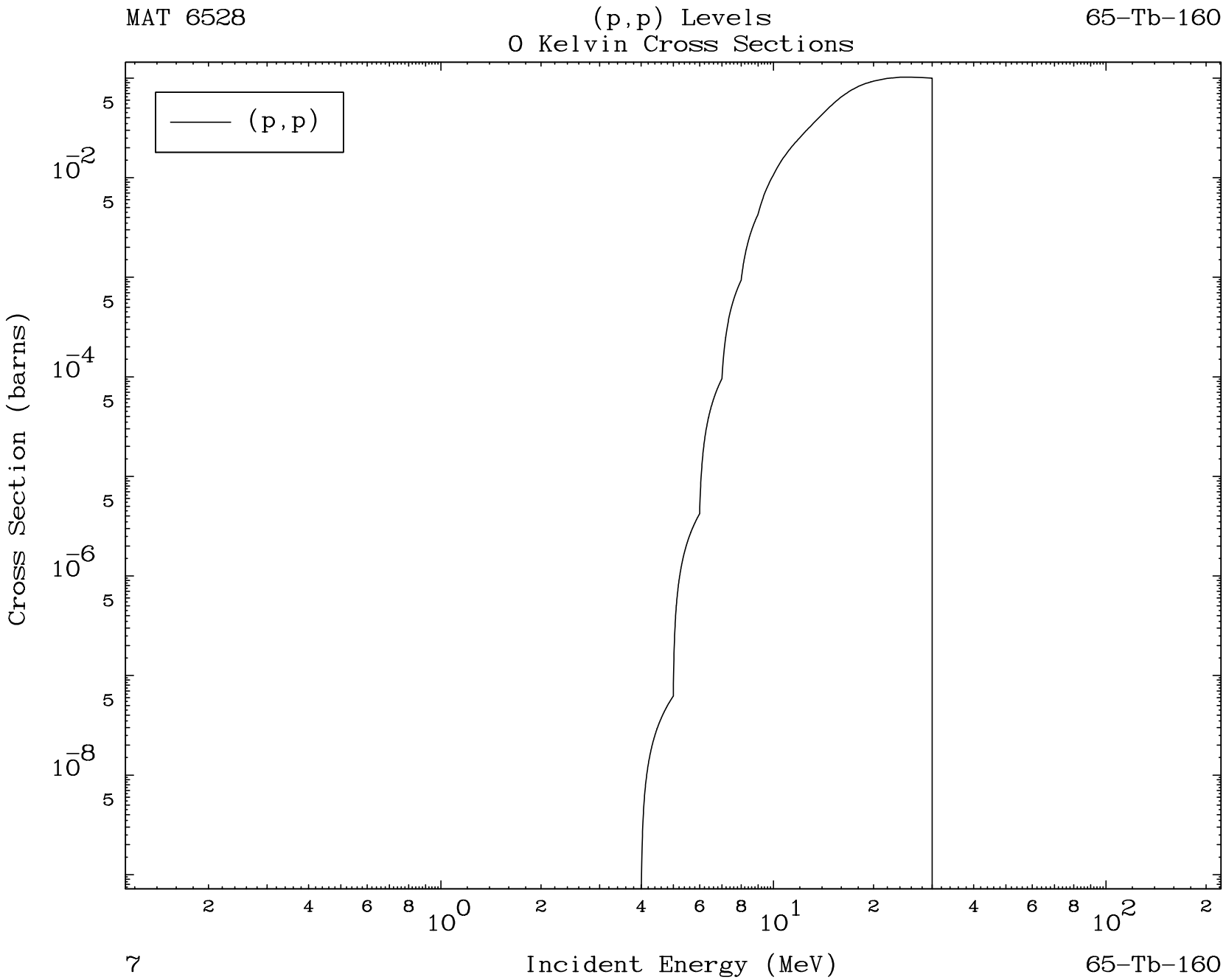

MAT 6528
Proton Neutron Production
0 Kelvin Cross Sections
65-Tb-160
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
Cross Section (barns)
Incident Energy (MeV)
65-Tb-160
2

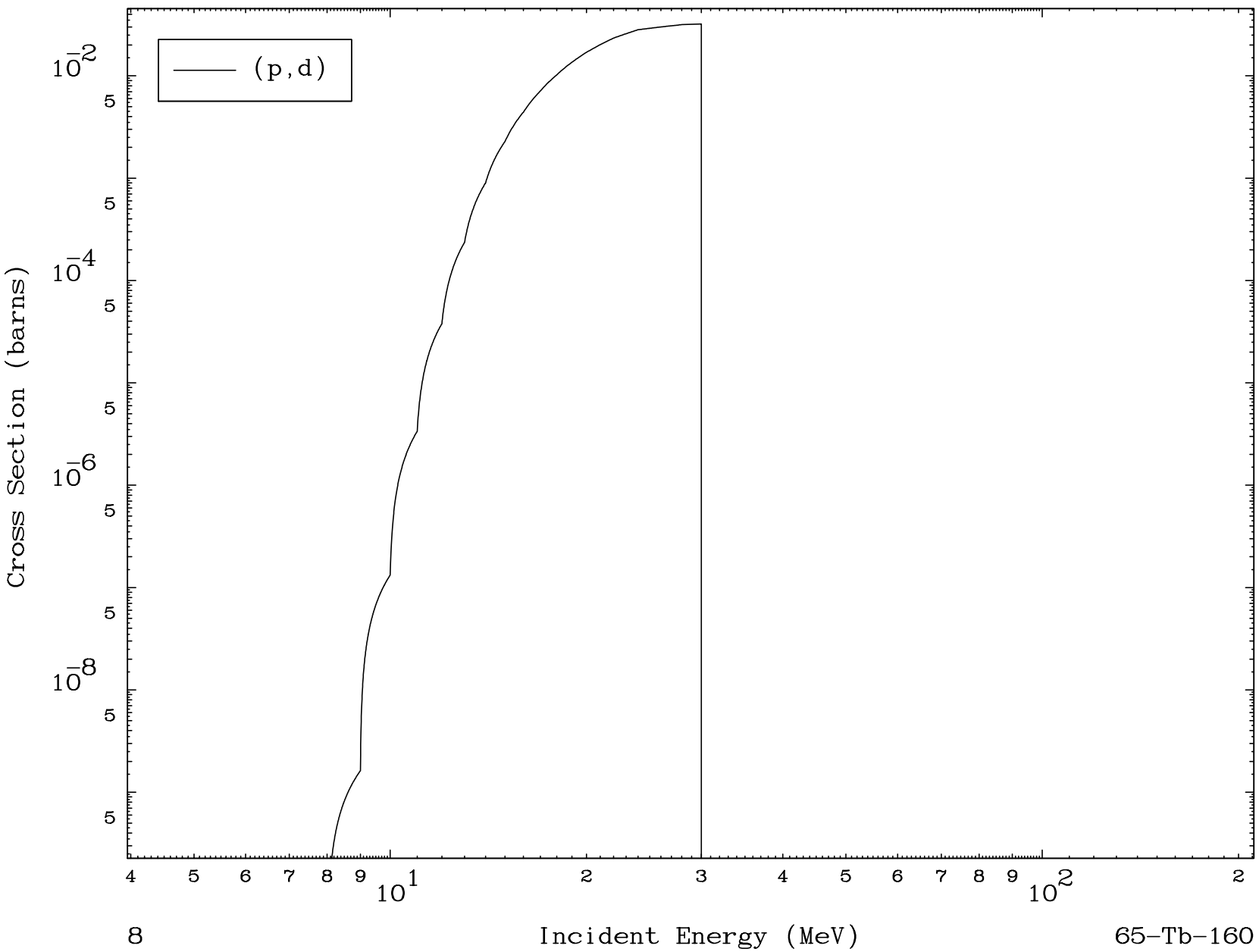

MAT 6528
Proton Neutron Production
0 Kelvin Cross Sections
65-Tb-160
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
65-Tb-160

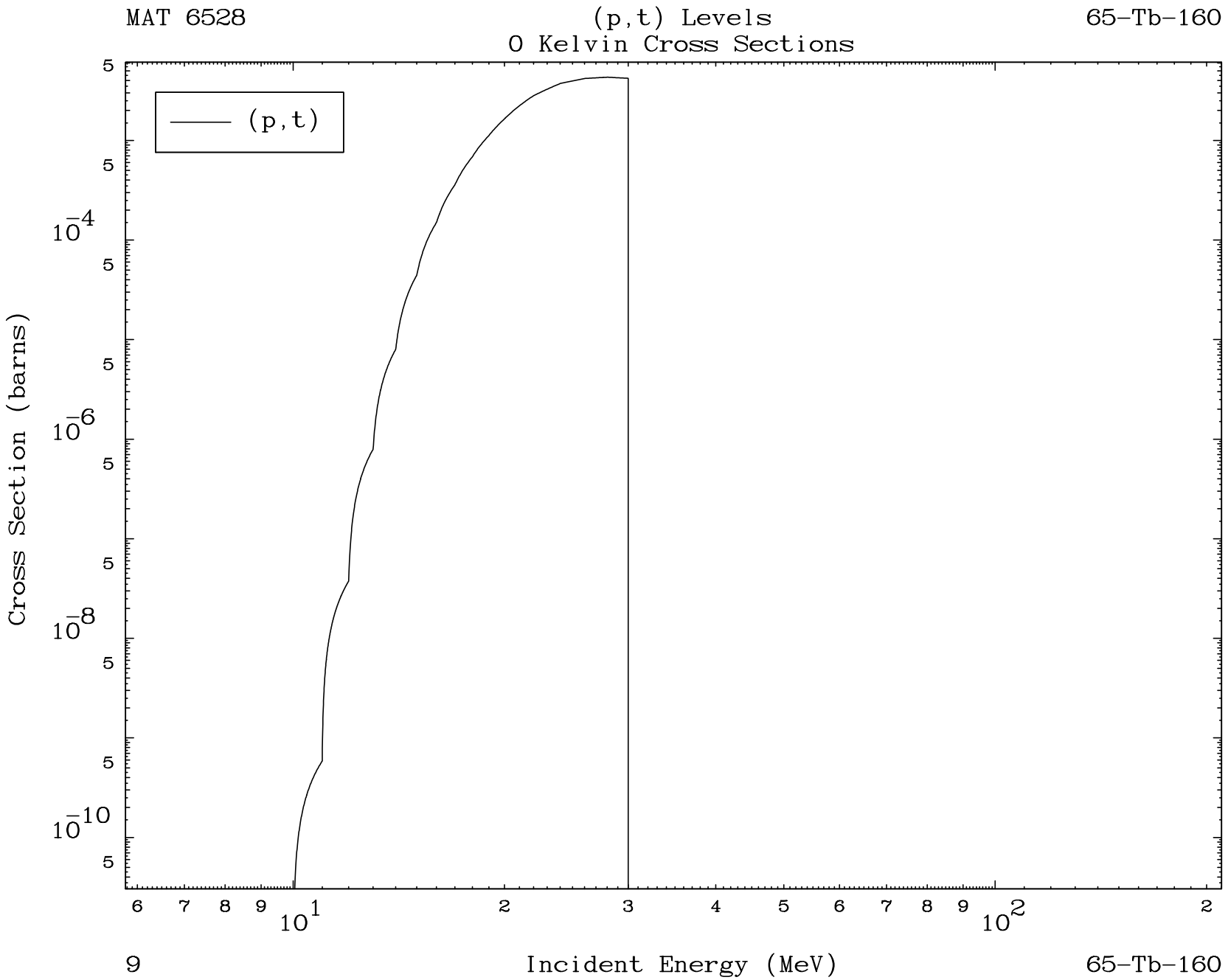

MAT 6528
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-160
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
65-Tb-160

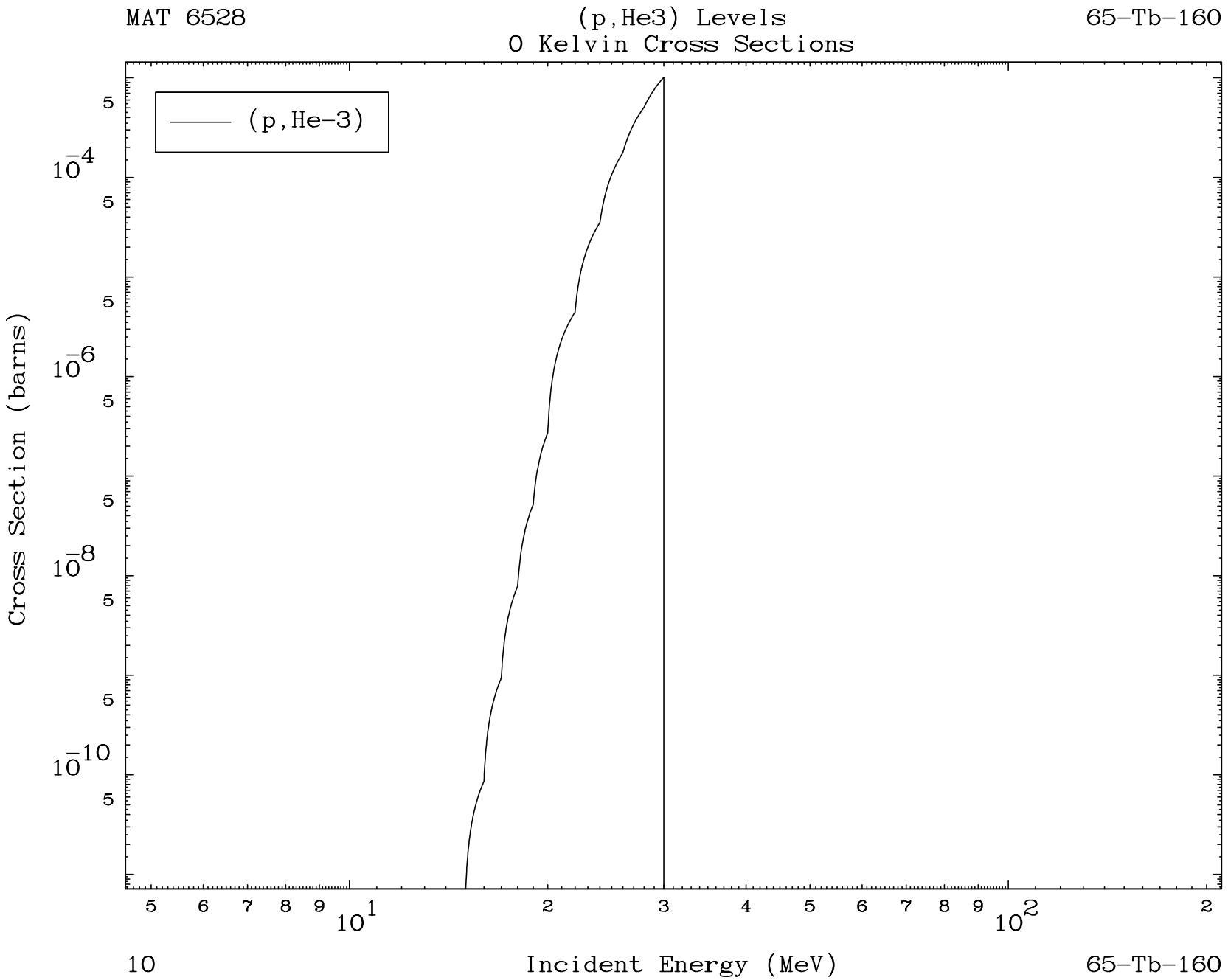

MAT 6528
Proton Charged Particle
0 Kelvin Cross Sections
65-Tb-160
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
65-Tb-160

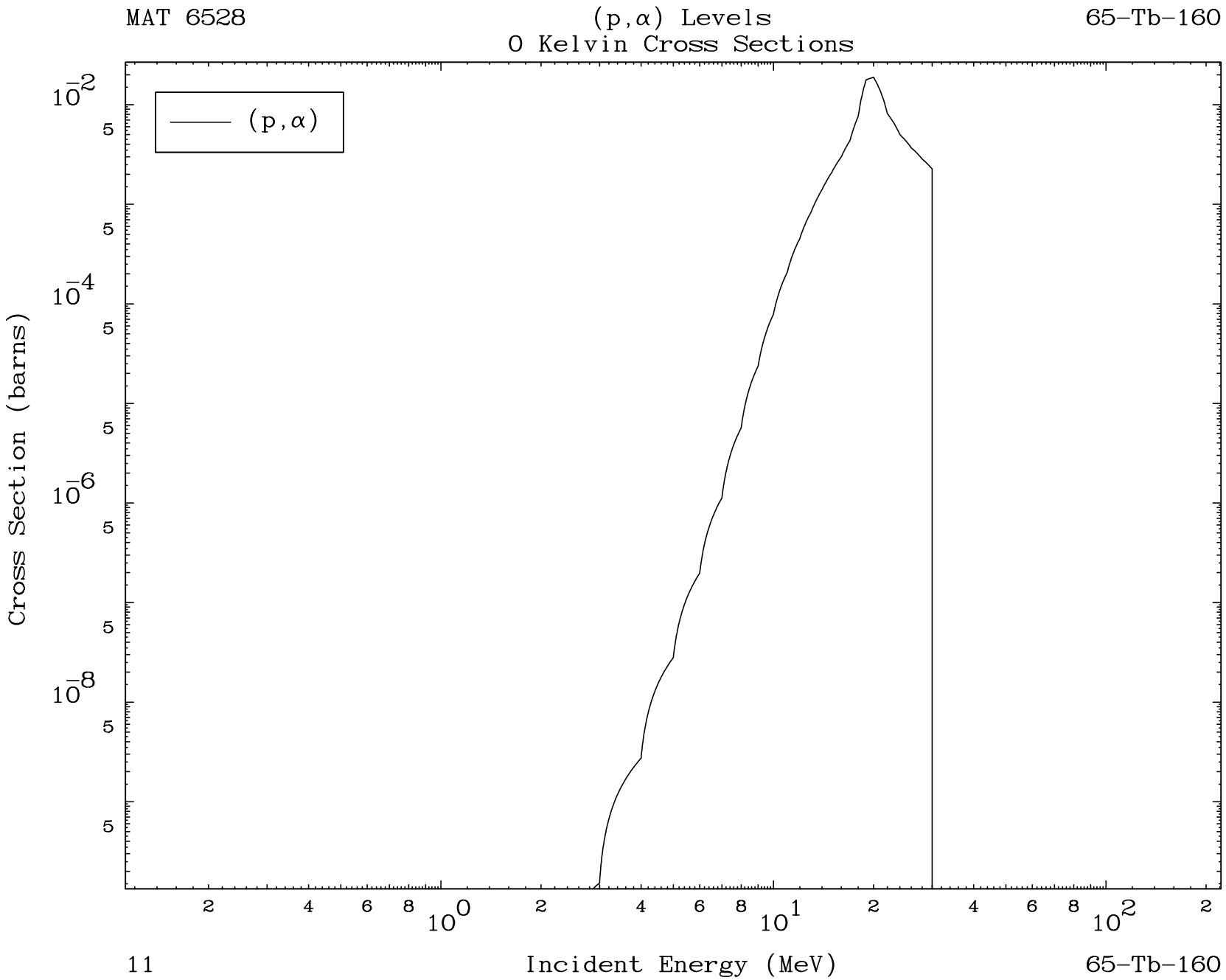

MAT 6528
(p,n') Level
65-Tb-160
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
65-Tb-160

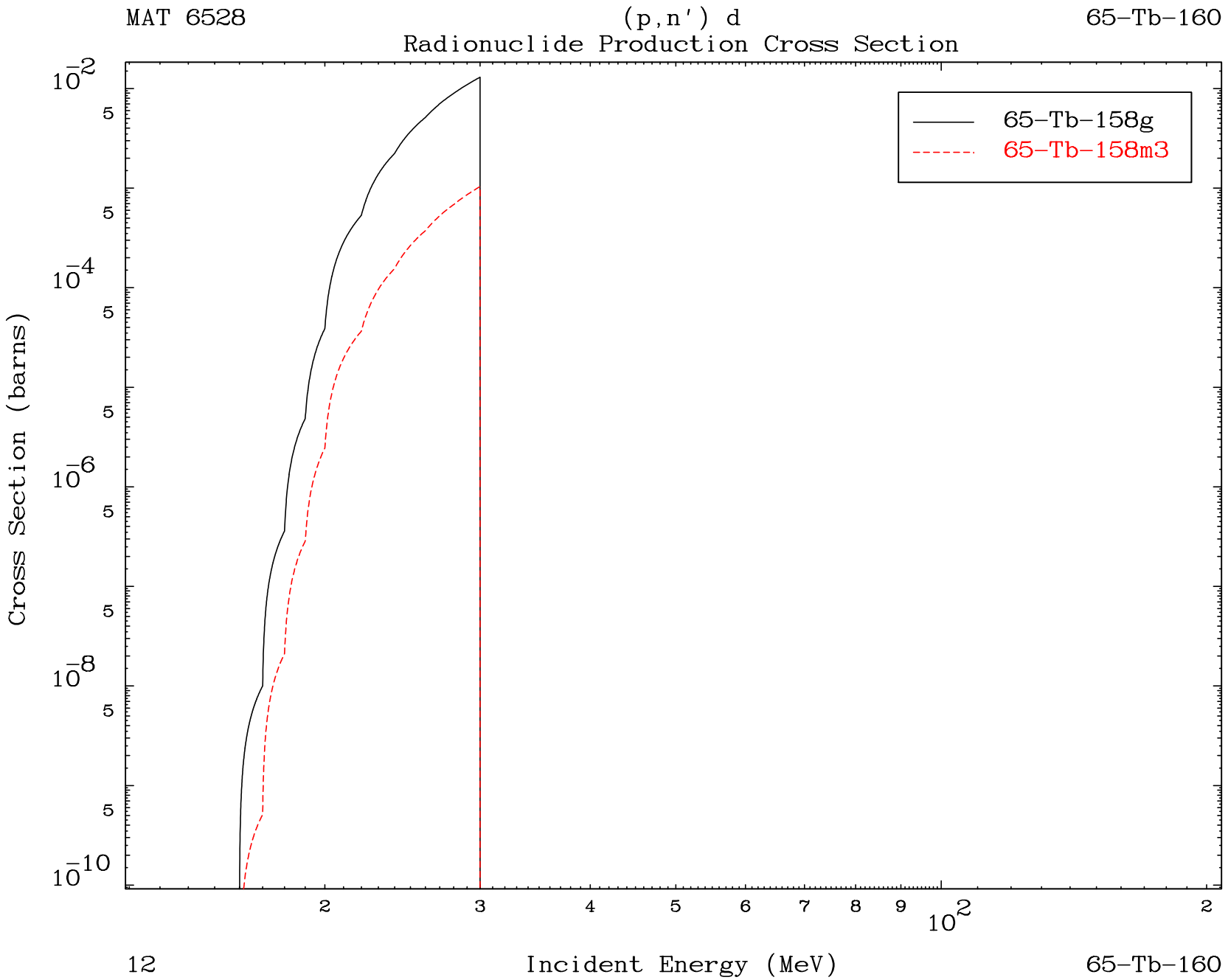

MAT 6528
(p,p) Levels
65-Tb-160
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
65-Tb-160

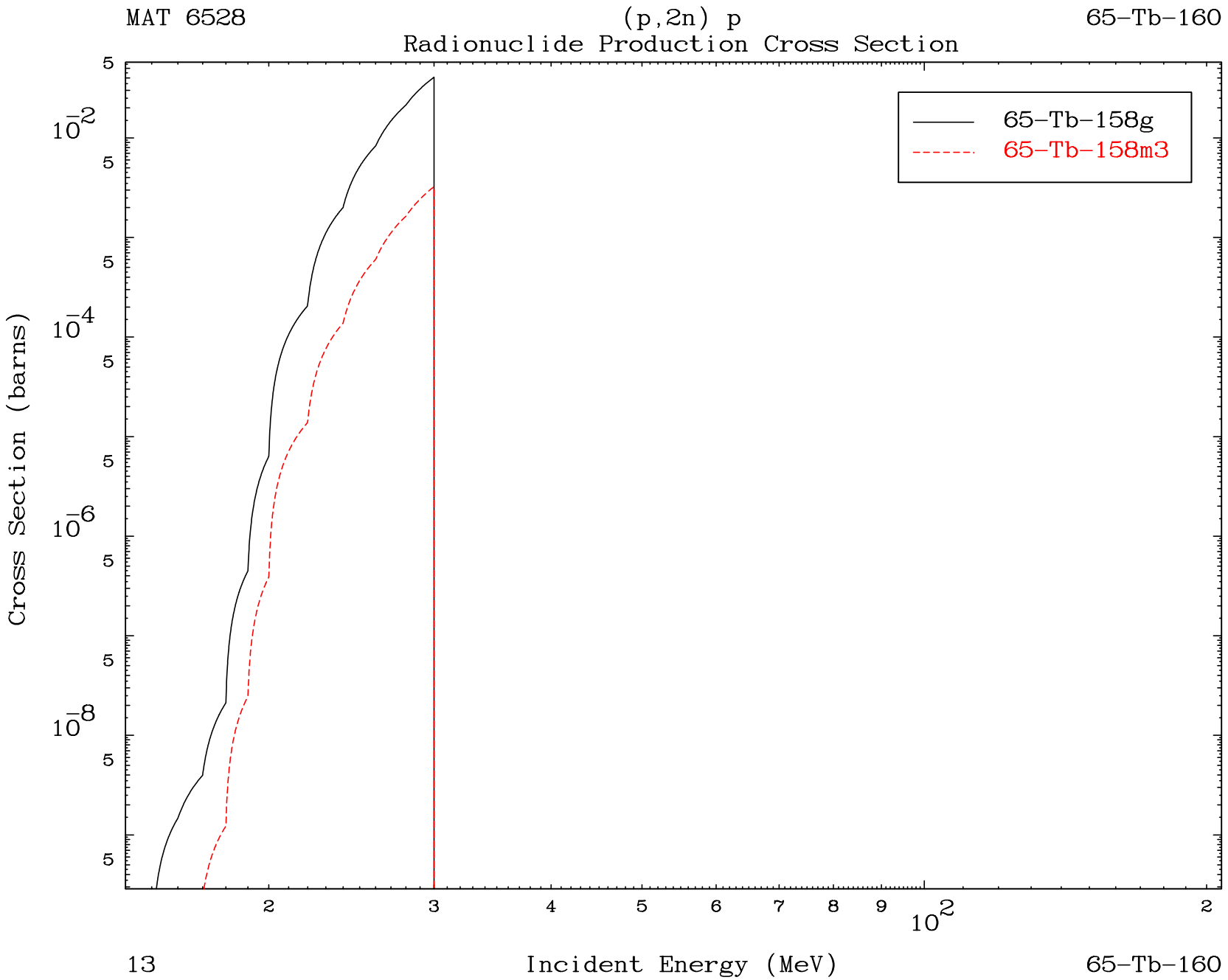

0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

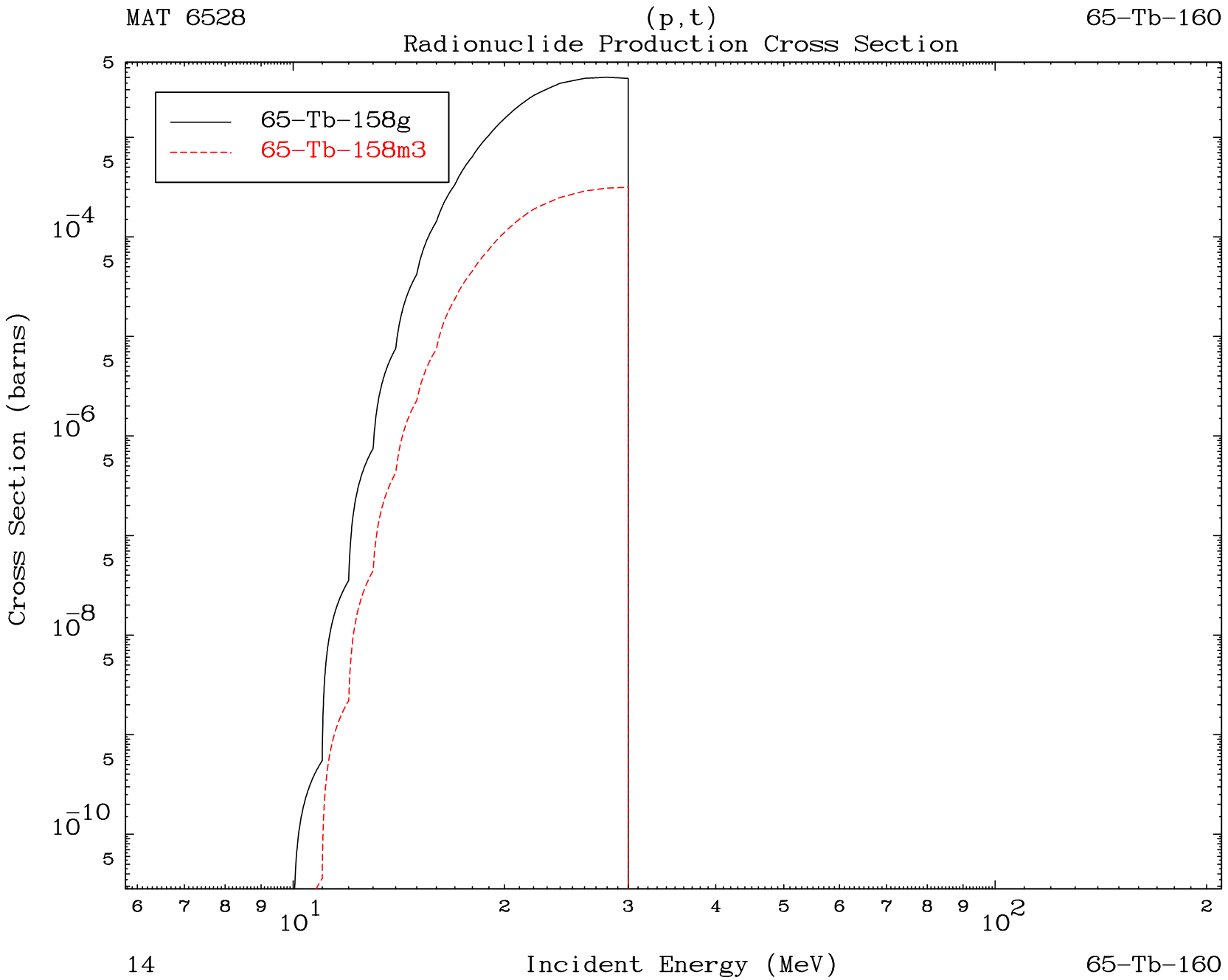

MAT 6528
(p,t) Levels
65-Tb-160
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
9
65-Tb-160


MAT 6528
(p,He3) Levels
65-Tb-160
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
10^2
2
3
4
6
7
8
9
Incident Energy (MeV)
65-Tb-160


MAT 6528
(p,α) Levels
65-Tb-160
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
65-Tb-160


MAT 6528
(p,n') d
65-Tb-160
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
65-Tb-160


MAT 6528
(p,2n) p
65-Tb-160
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
65-Tb-160


MAT 6528
(p,t)
65-Tb-160
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
14
65-Tb-160