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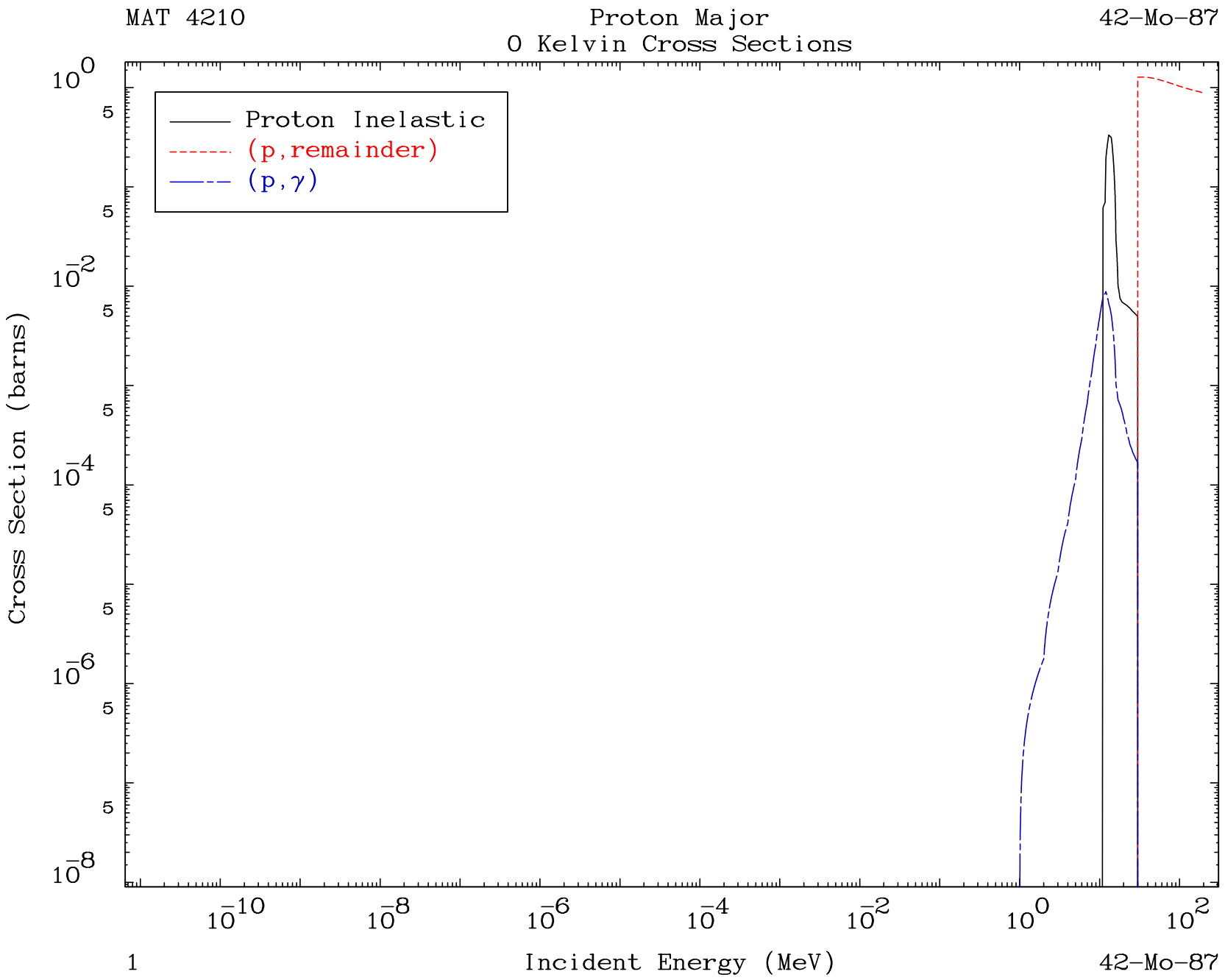
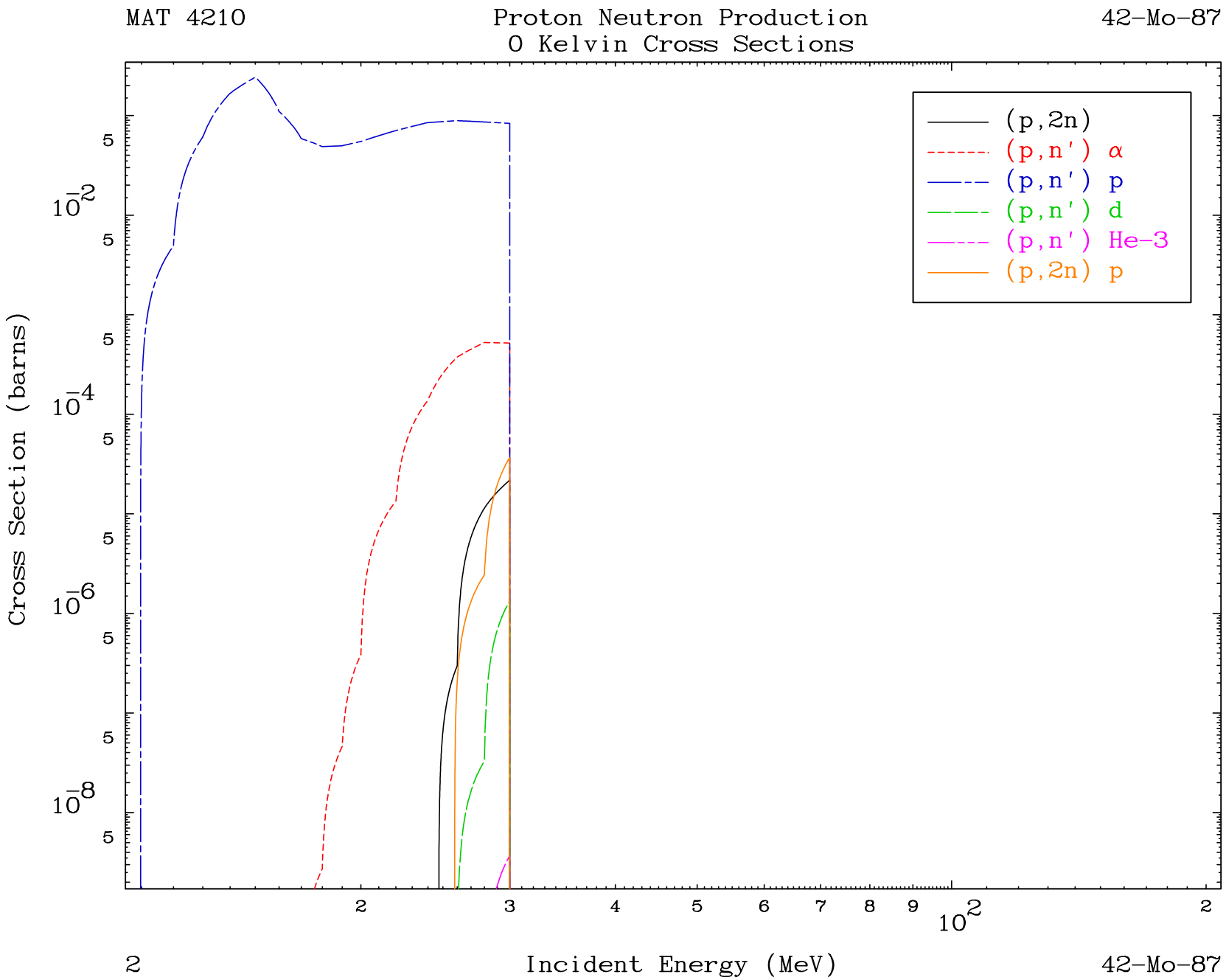
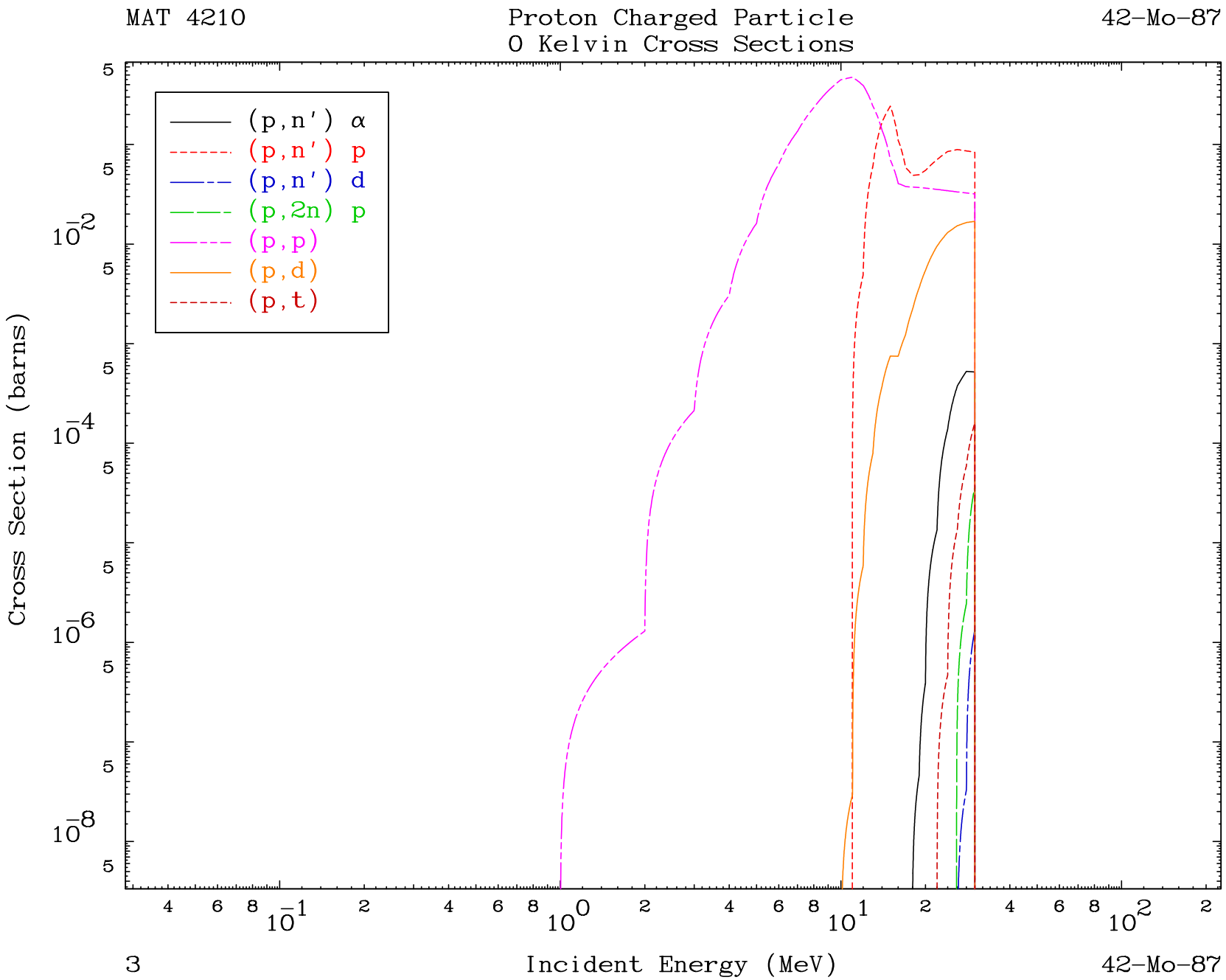
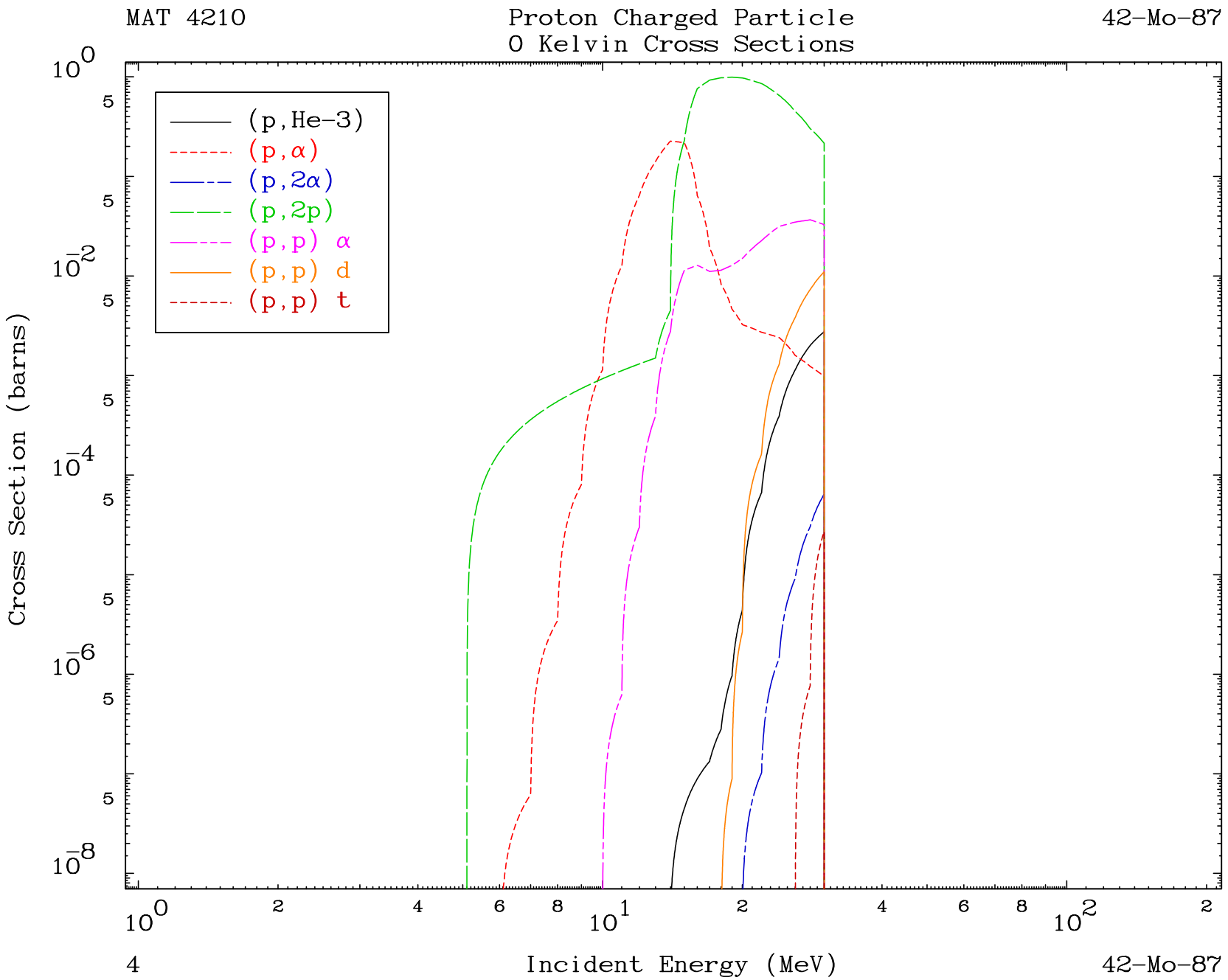
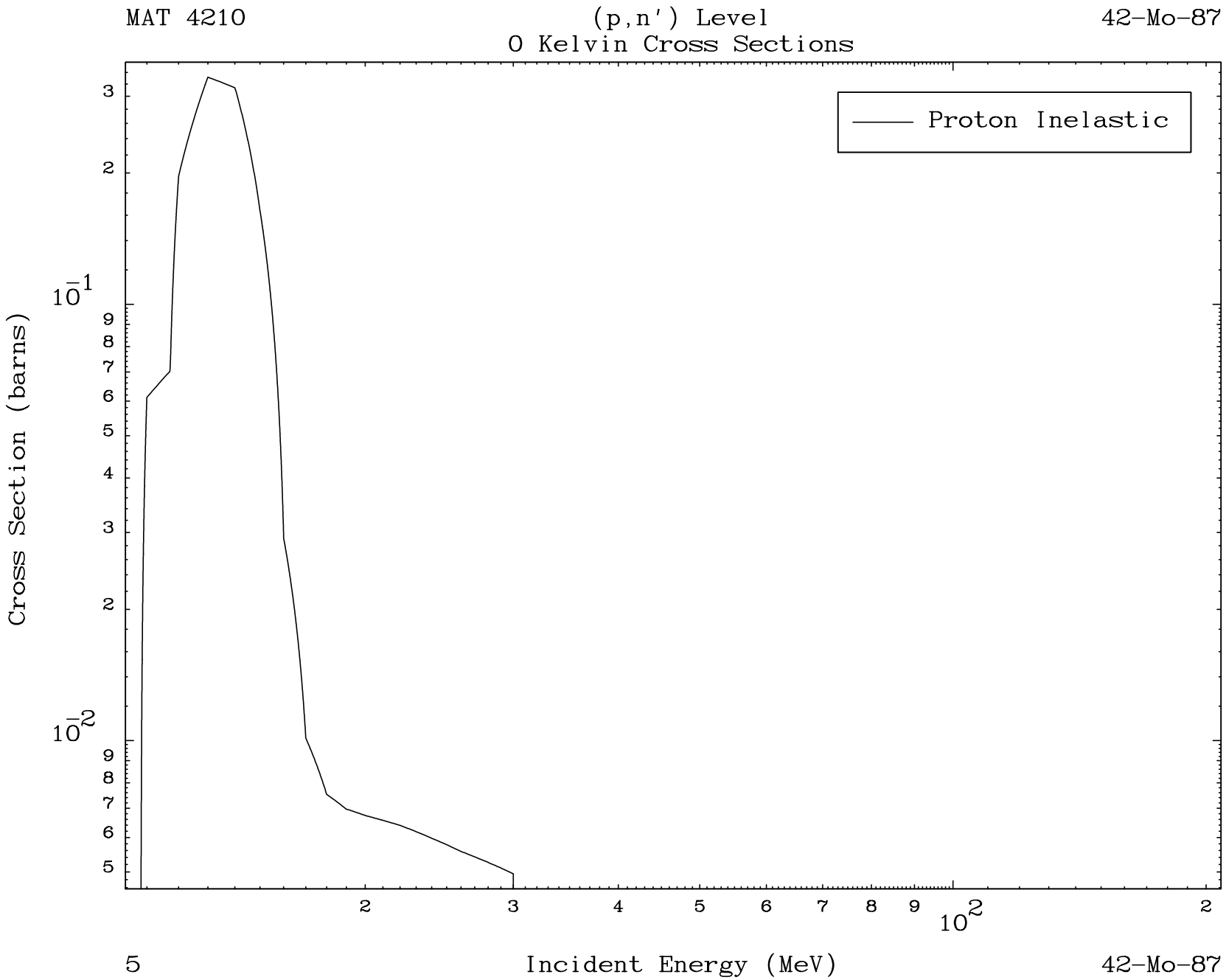
Press Mouse Button to Start

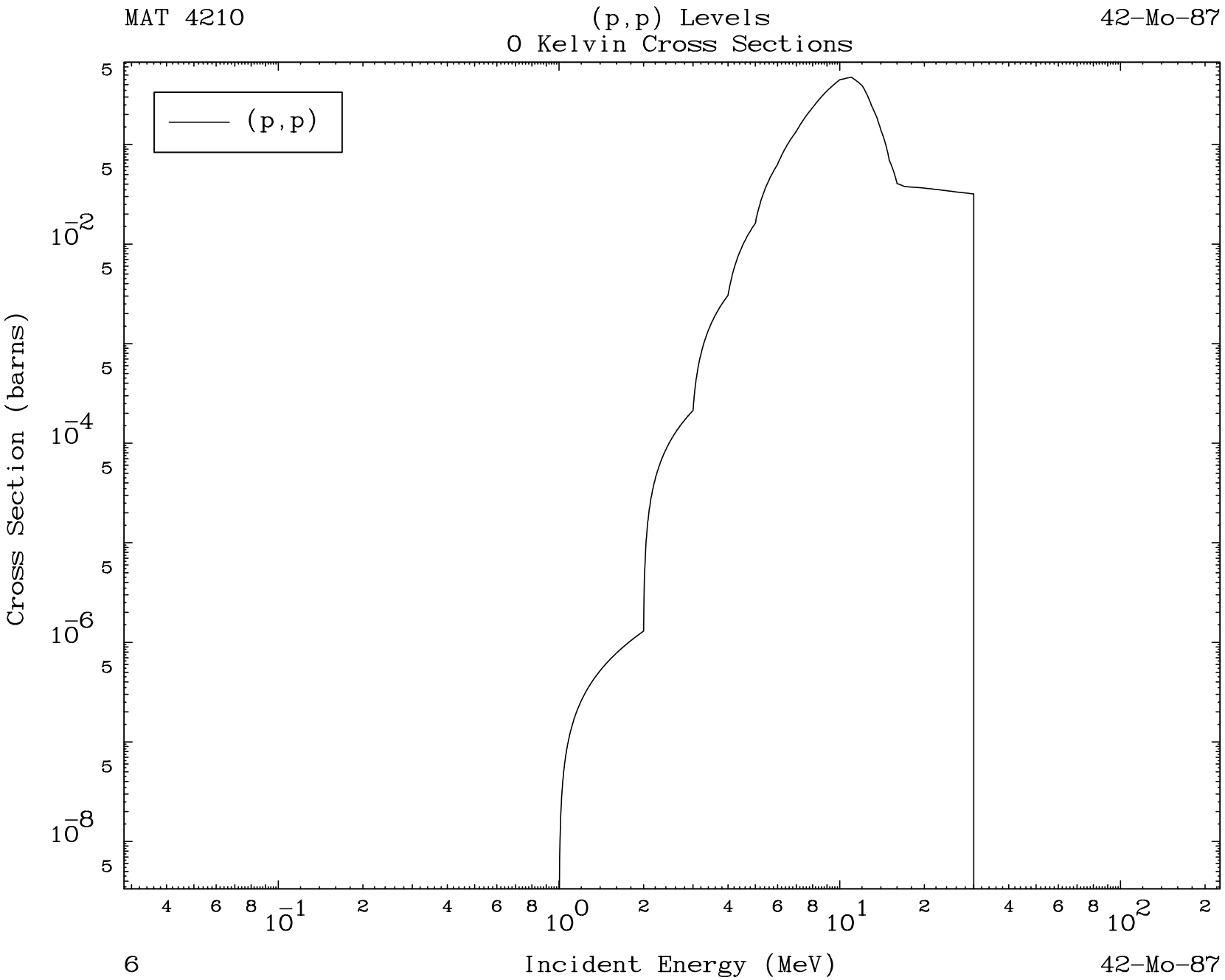

MAT 4210
Proton Major
42-Mo-87
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
42-Mo-87

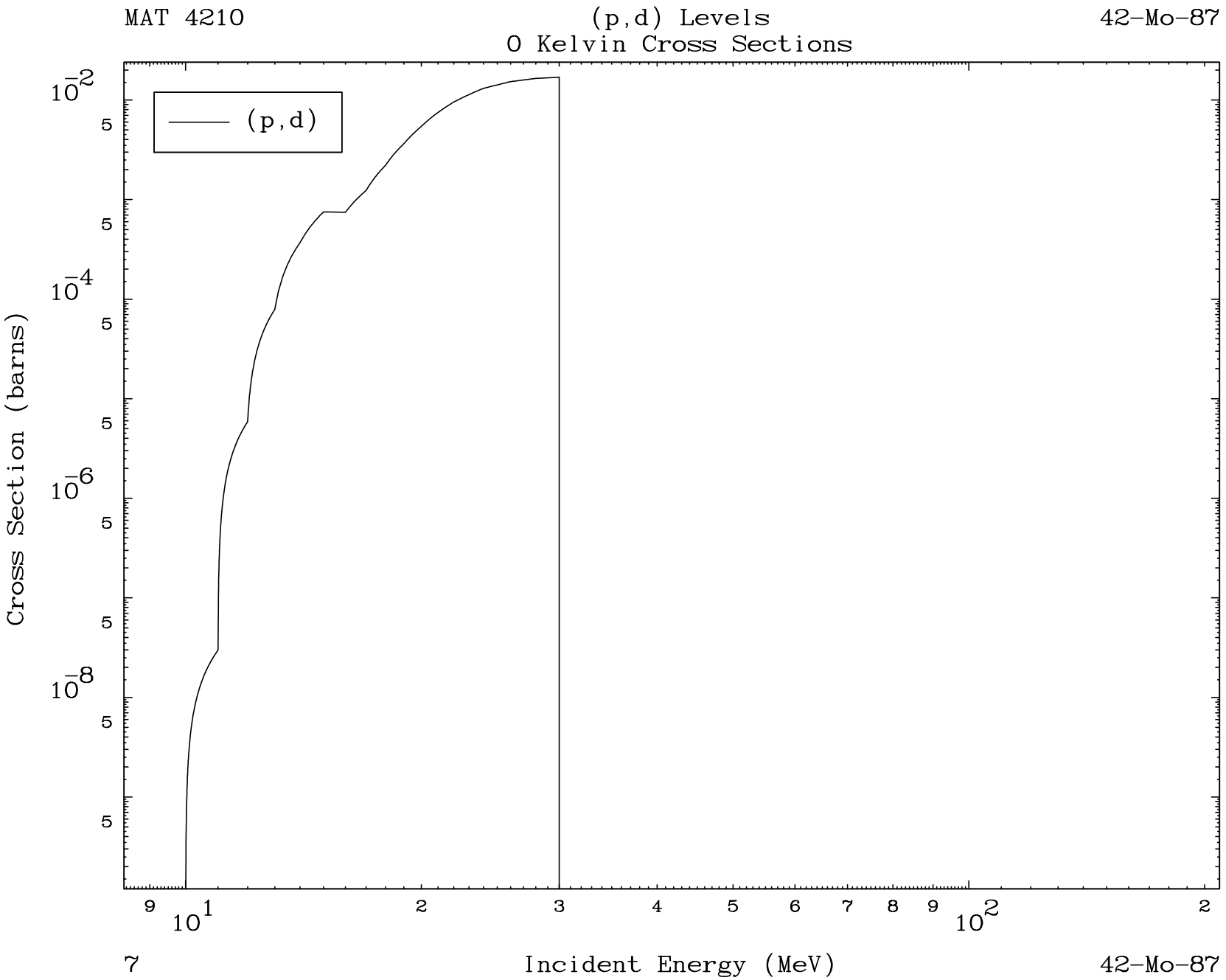

MAT 4210
Proton Neutron Production
0 Kelvin Cross Sections
42-Mo-87
(p,2n)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
42-Mo-87

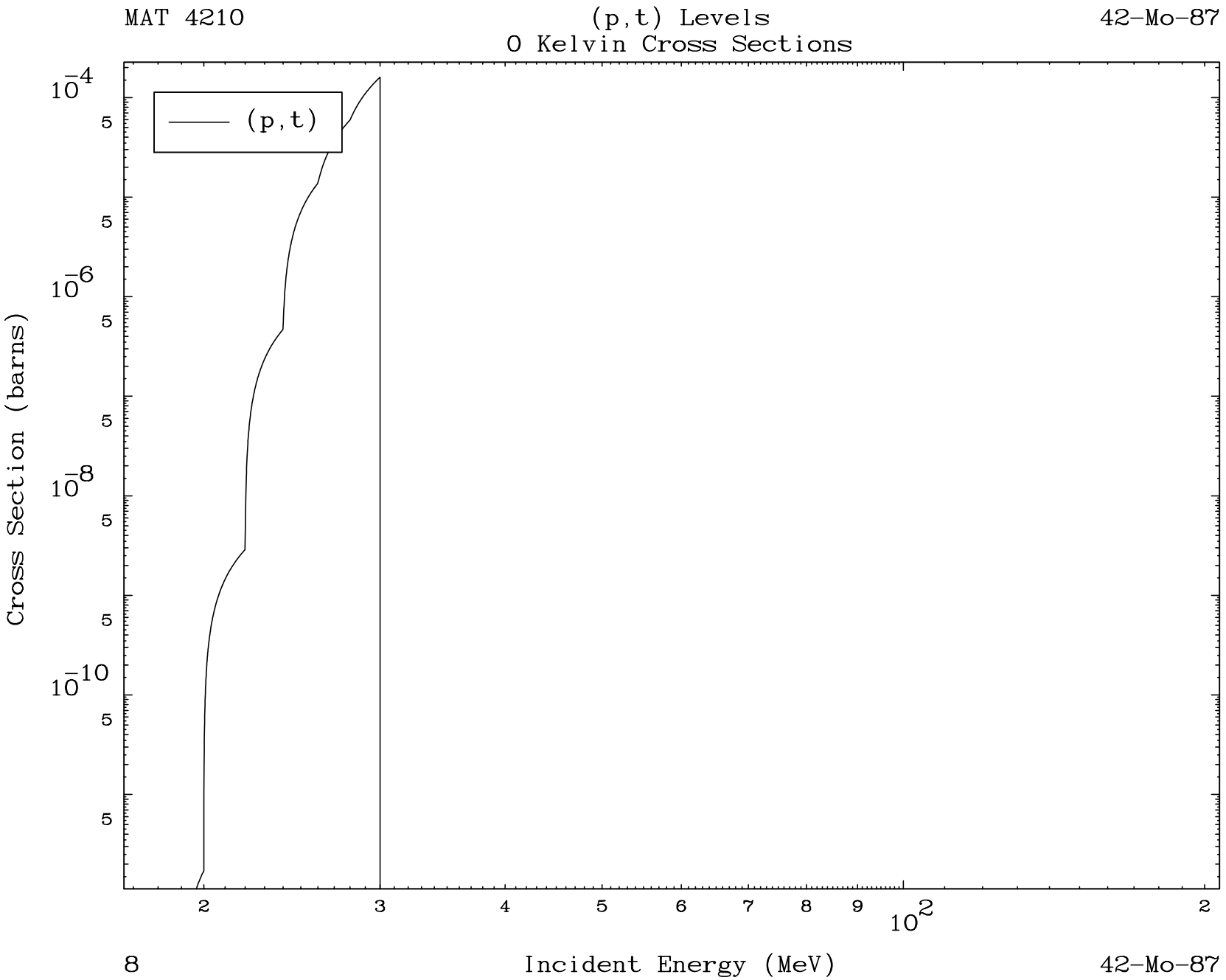

MAT 4210
Proton Charged Particle
0 Kelvin Cross Sections
42-Mo-87
(p,n') α
(p,n') p
(p,n') d
(p,2n) p
(p,p)
(p,d)
(p,t)
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-87

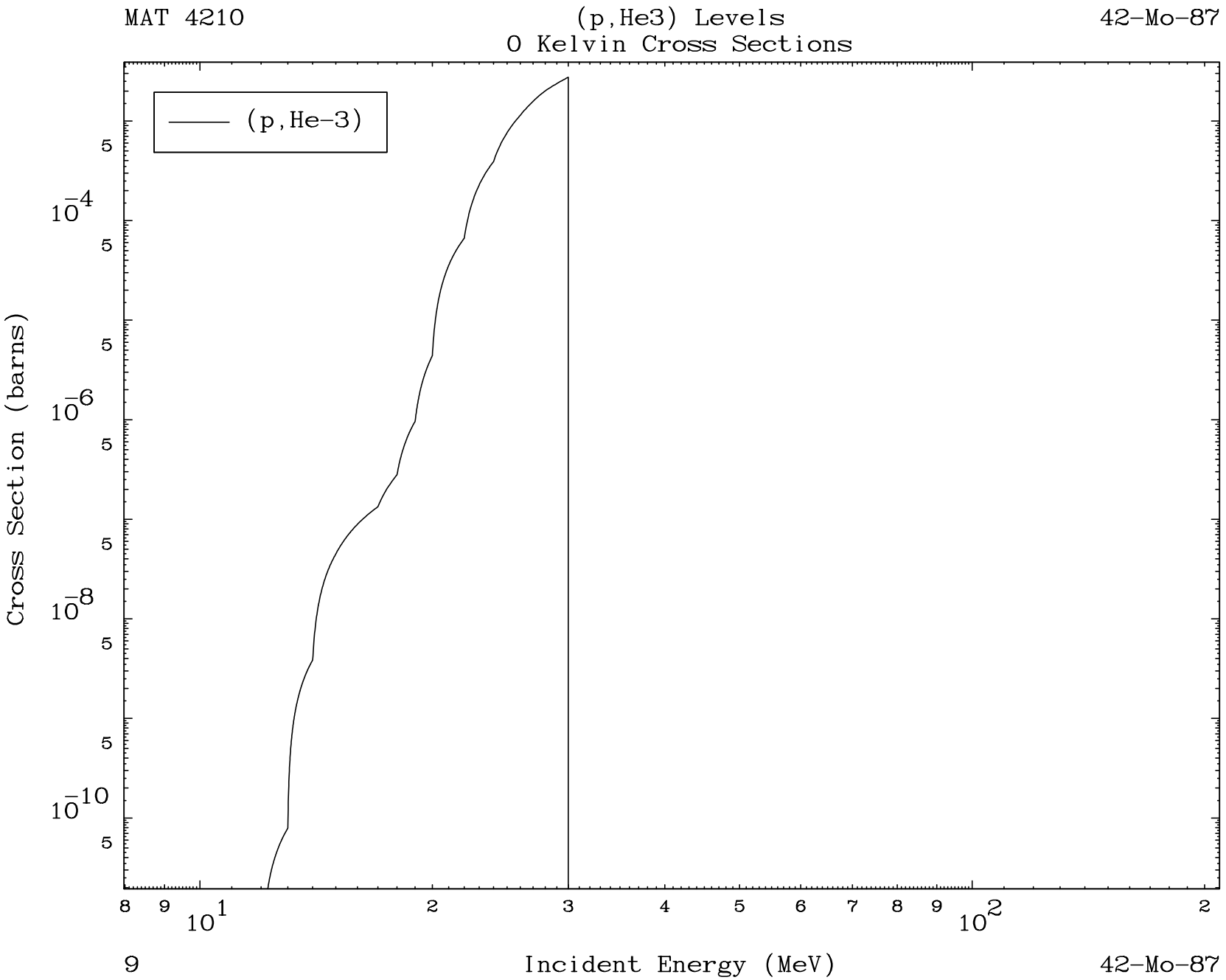

MAT 4210
Proton Charged Particle
0 Kelvin Cross Sections
42-Mo-87
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
42-Mo-87
4

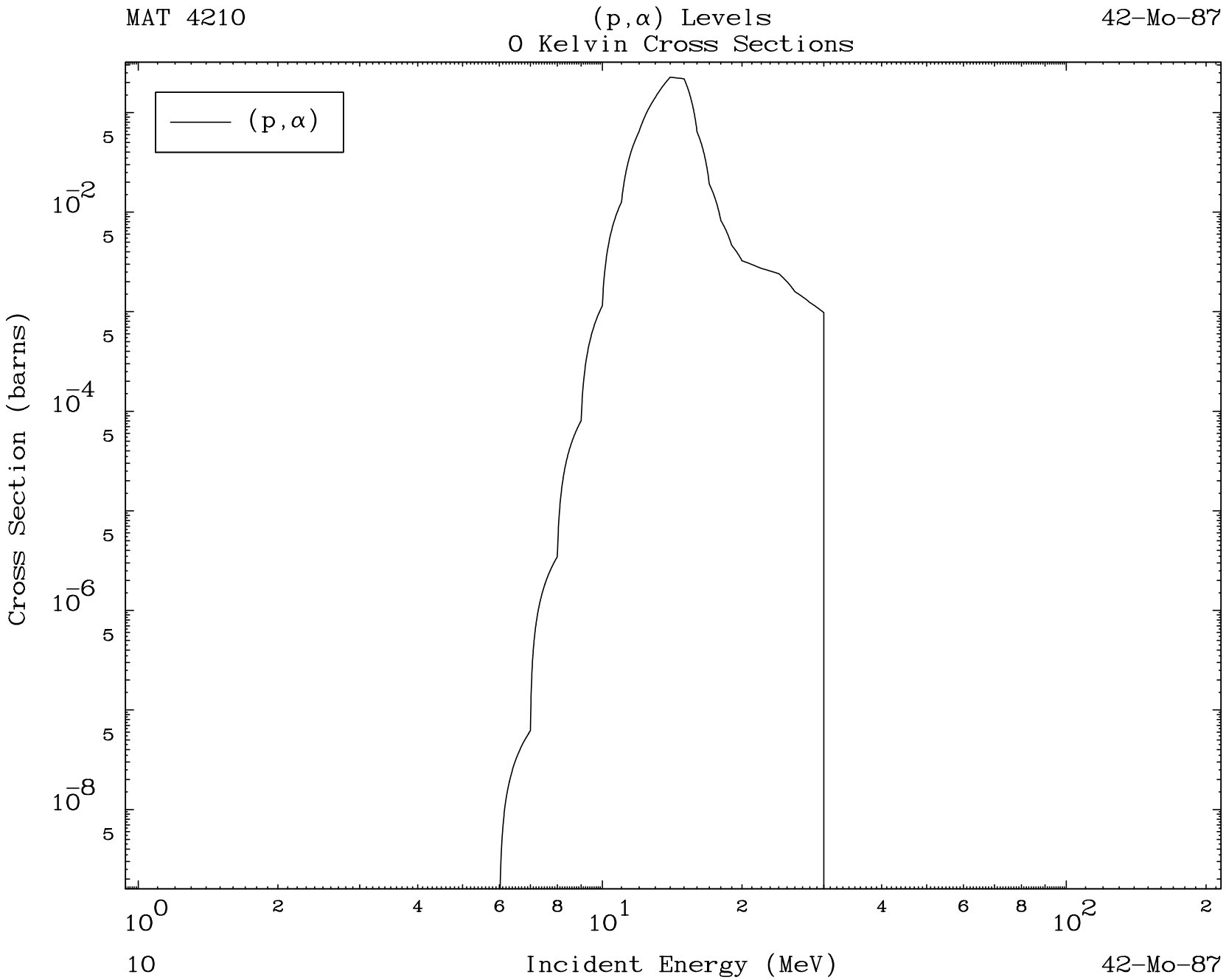

MAT 4210
(p,n') Level
42-Mo-87
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
42-Mo-87

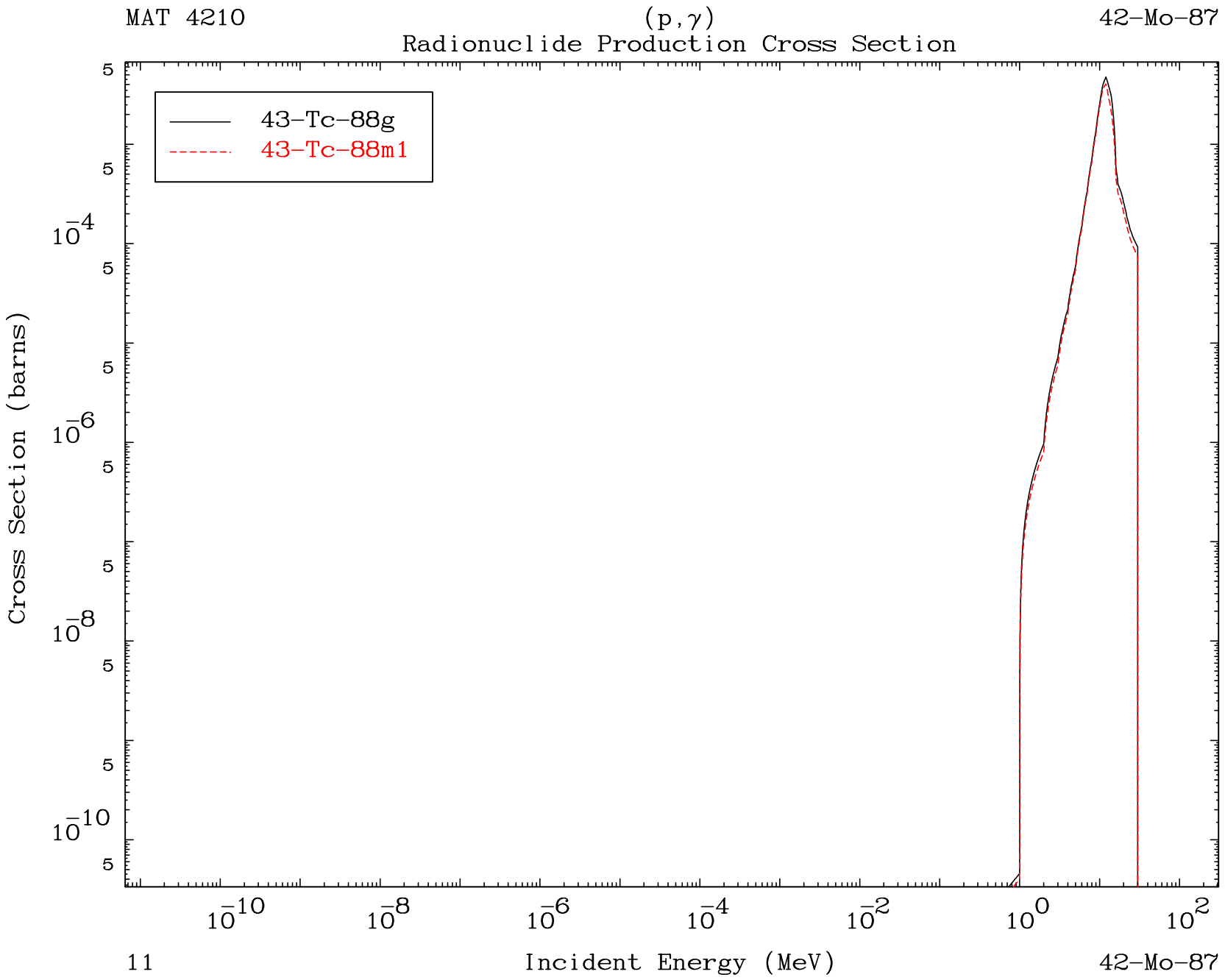

MAT 4210
(p,p) Levels
42-Mo-87
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
42-Mo-87

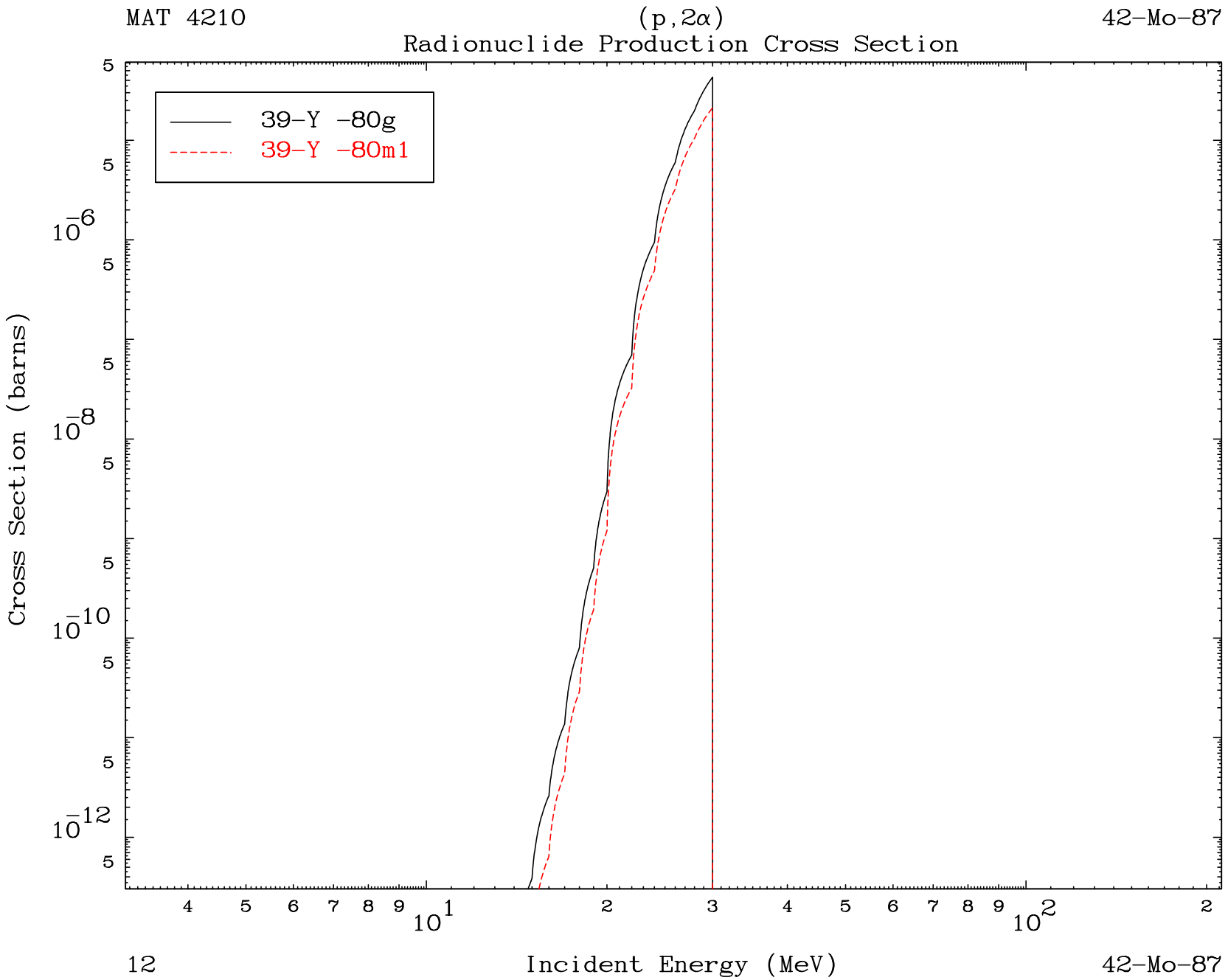

MAT 4210
(p,d) Levels
42-Mo-87
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-87
7

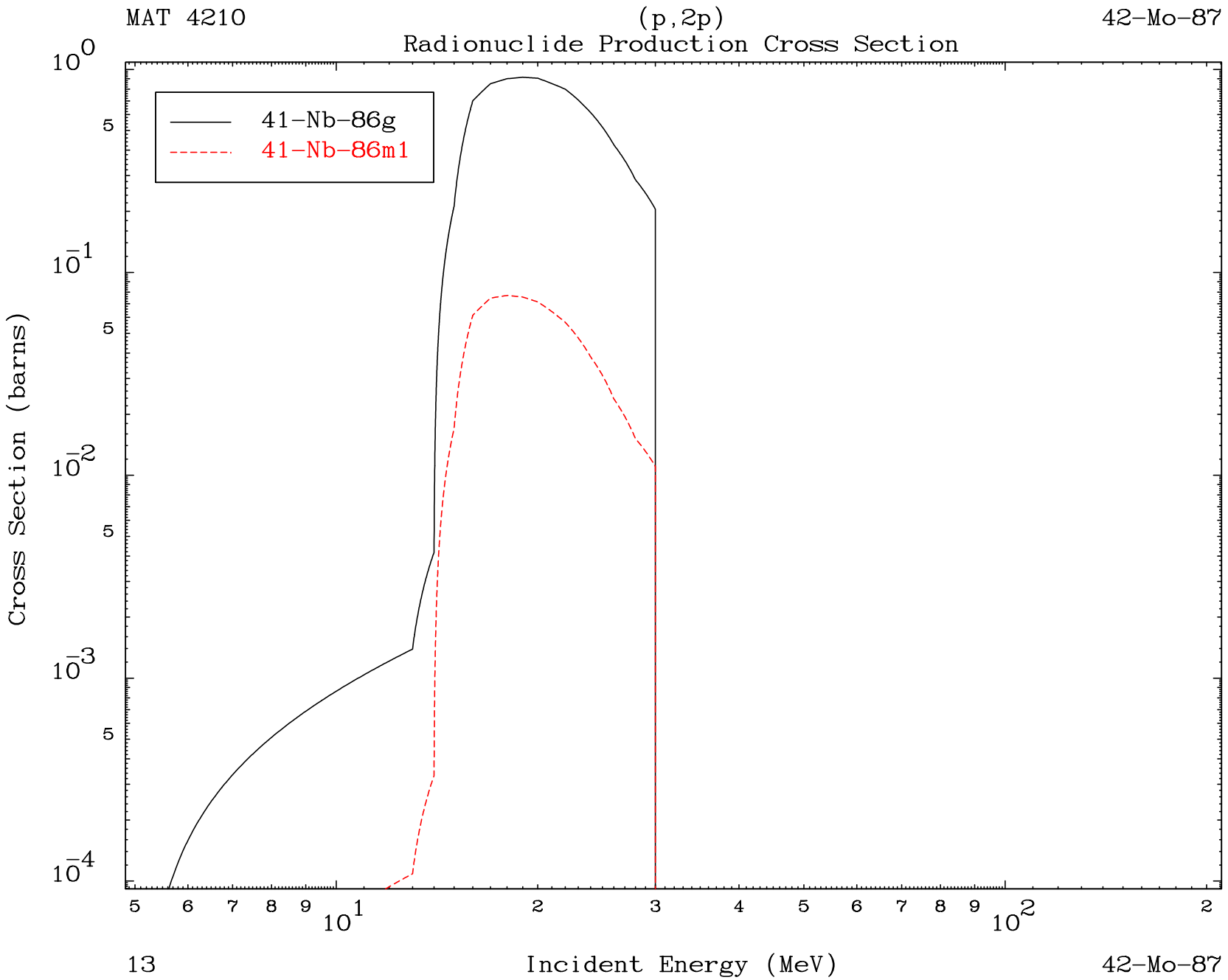

MAT 4210
(p,t) Levels
42-Mo-87
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
8
Incident Energy (MeV)
42-Mo-87


MAT 4210
(p,He3) Levels
42-Mo-87
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
42-Mo-87
9


MAT 4210
(p,α) Levels
42-Mo-87
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-87


MAT 4210
(p,γ)
42-Mo-87
Radionuclide Production Cross Section
43-Tc-88g
43-Tc-88m1
Cross Section (barns)
Incident Energy (MeV)
11
42-Mo-87


MAT 4210
(p,2α)
42-Mo-87
Radionuclide Production Cross Section
39-Y -80g
39-Y -80m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
12
42-Mo-87


MAT 4210
(p,2p)
42-Mo-87
Radionuclide Production Cross Section
41-Nb-86g
41-Nb-86m1
Cross Section (barns)
Incident Energy (MeV)
13
42-Mo-87