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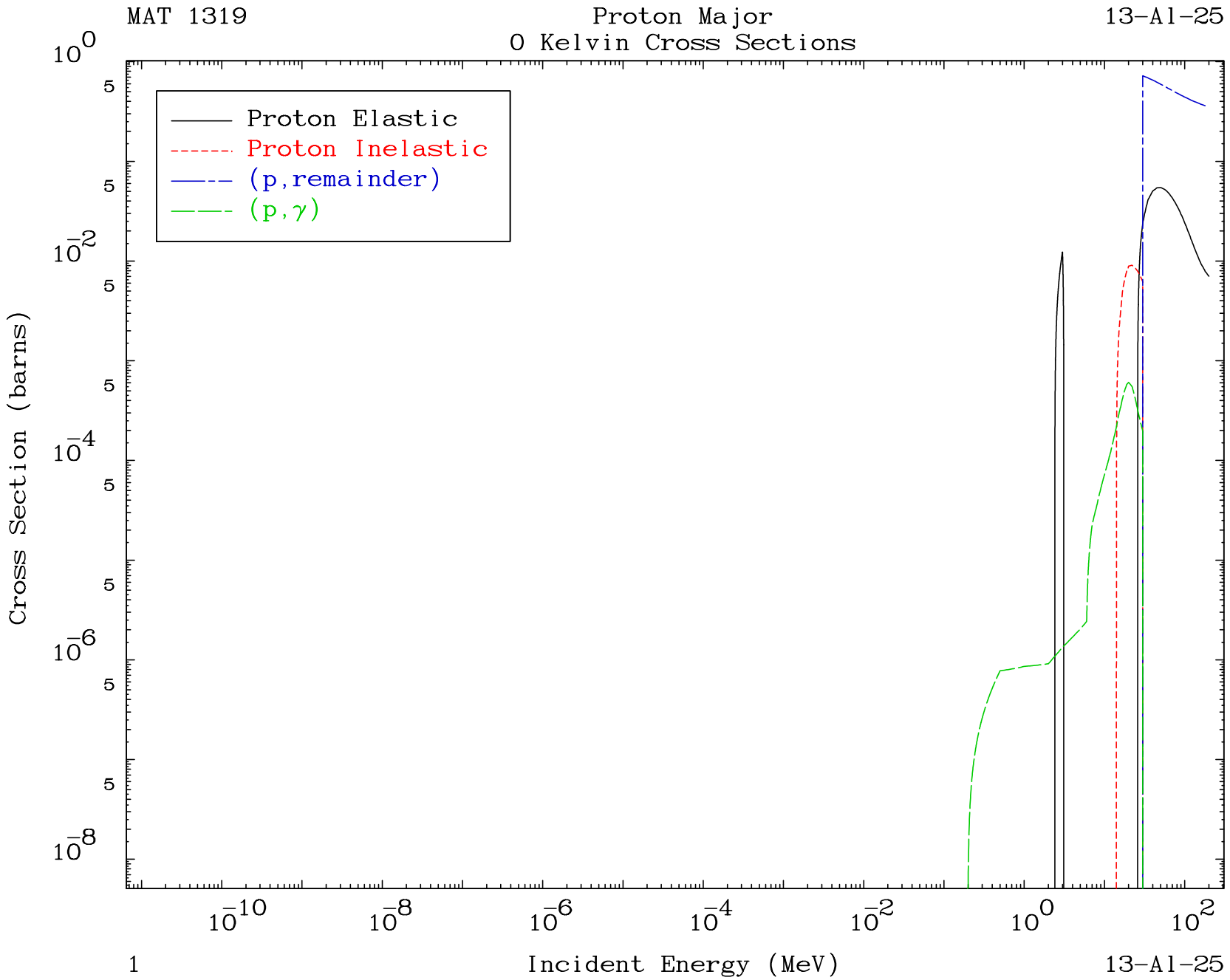
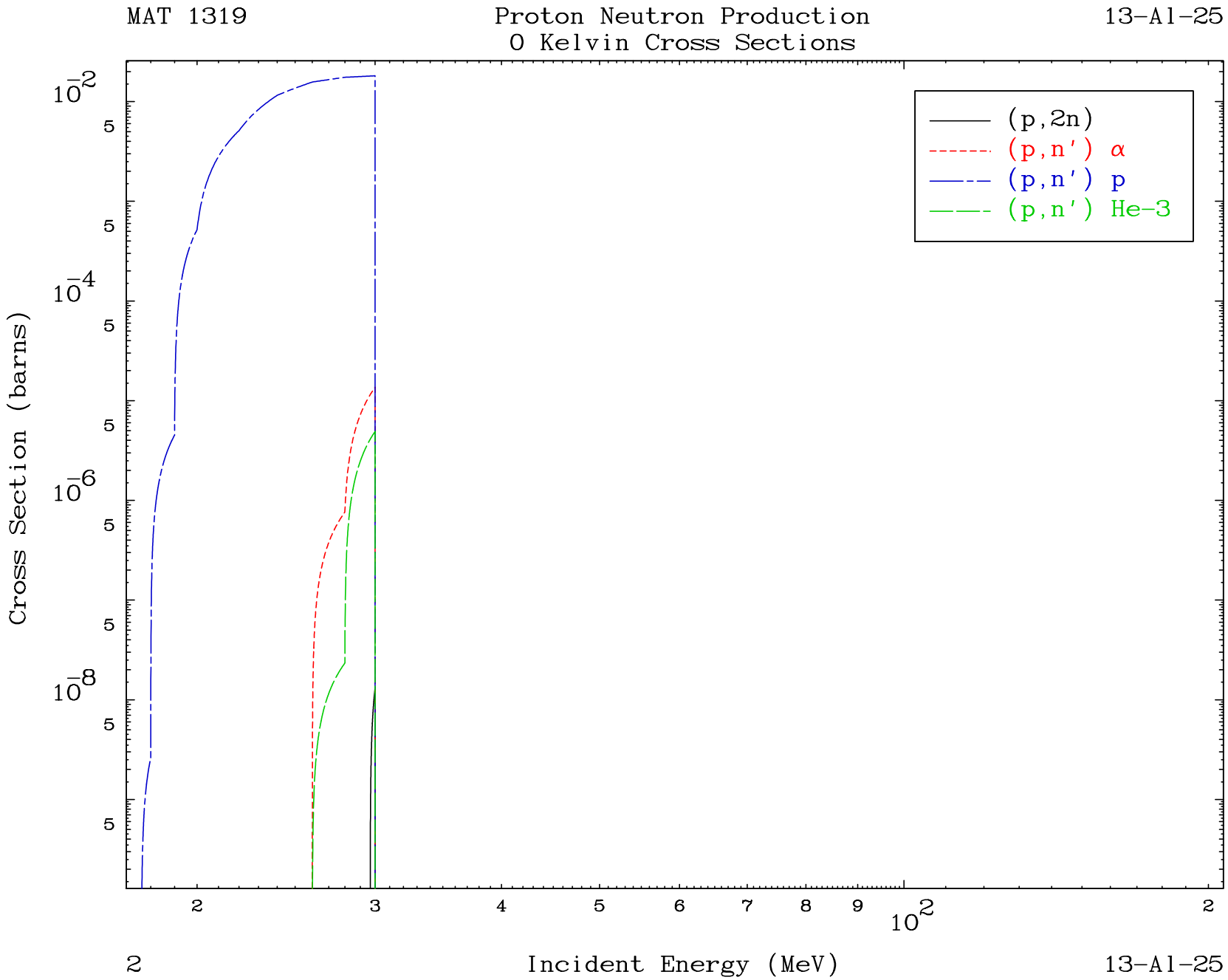
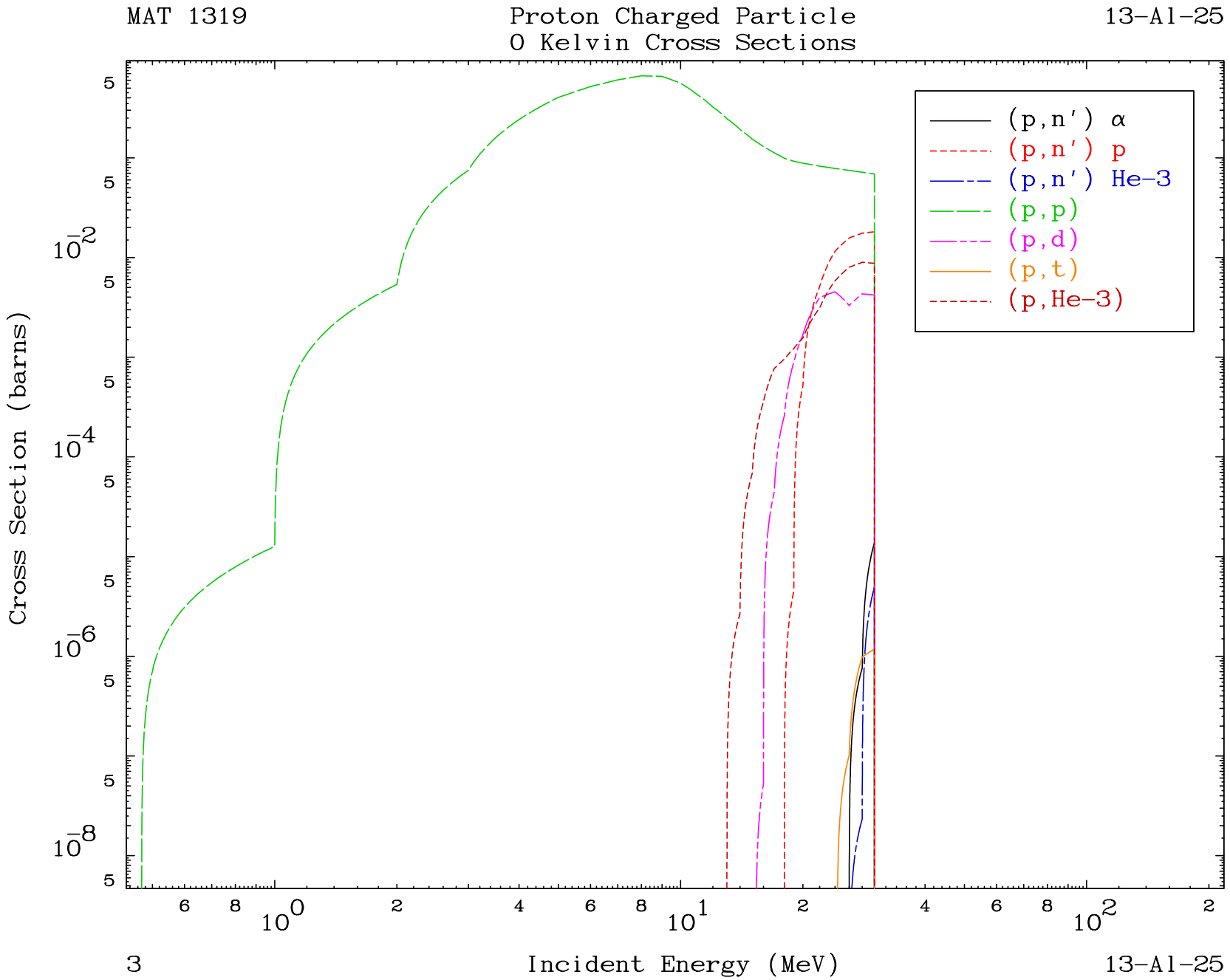
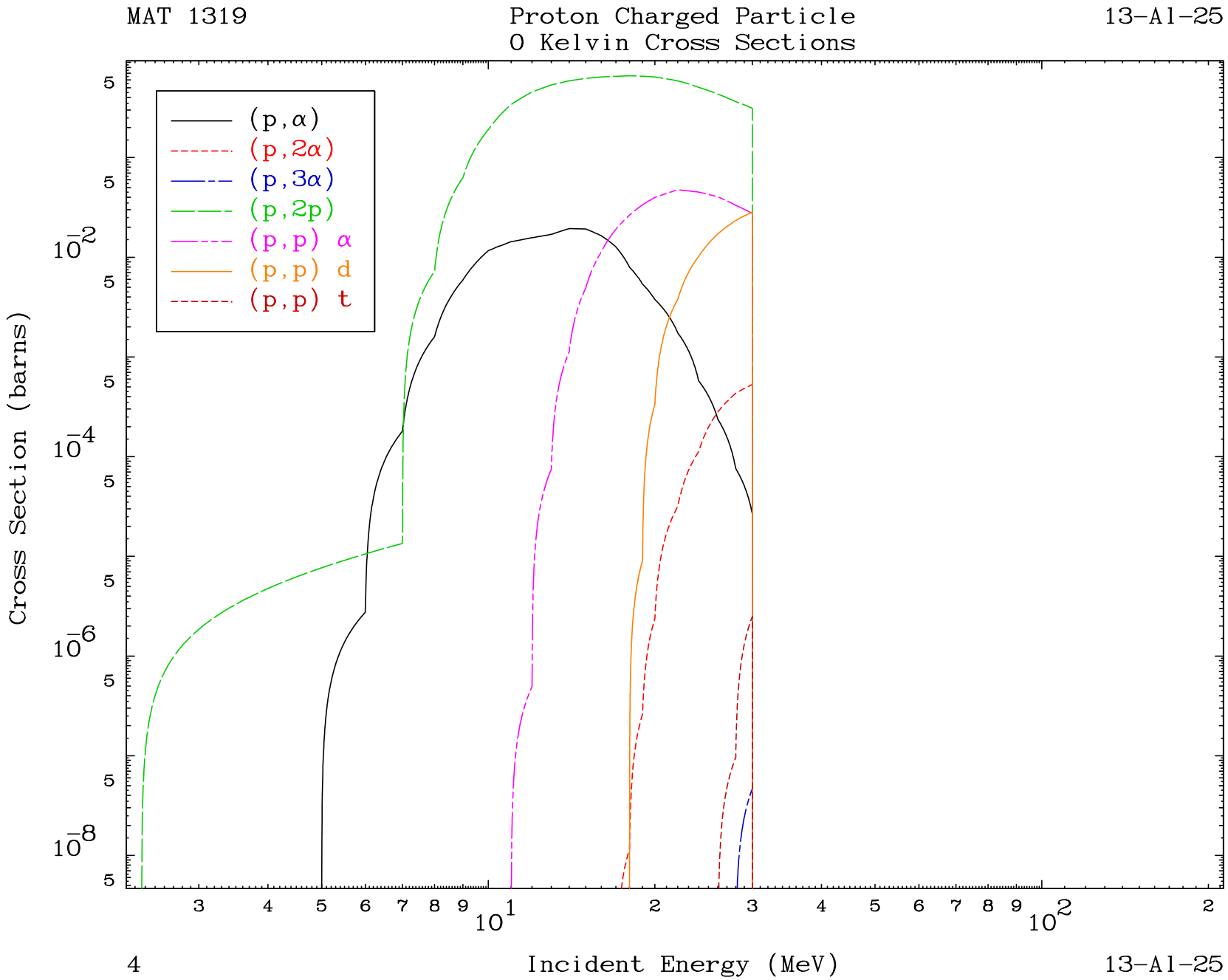
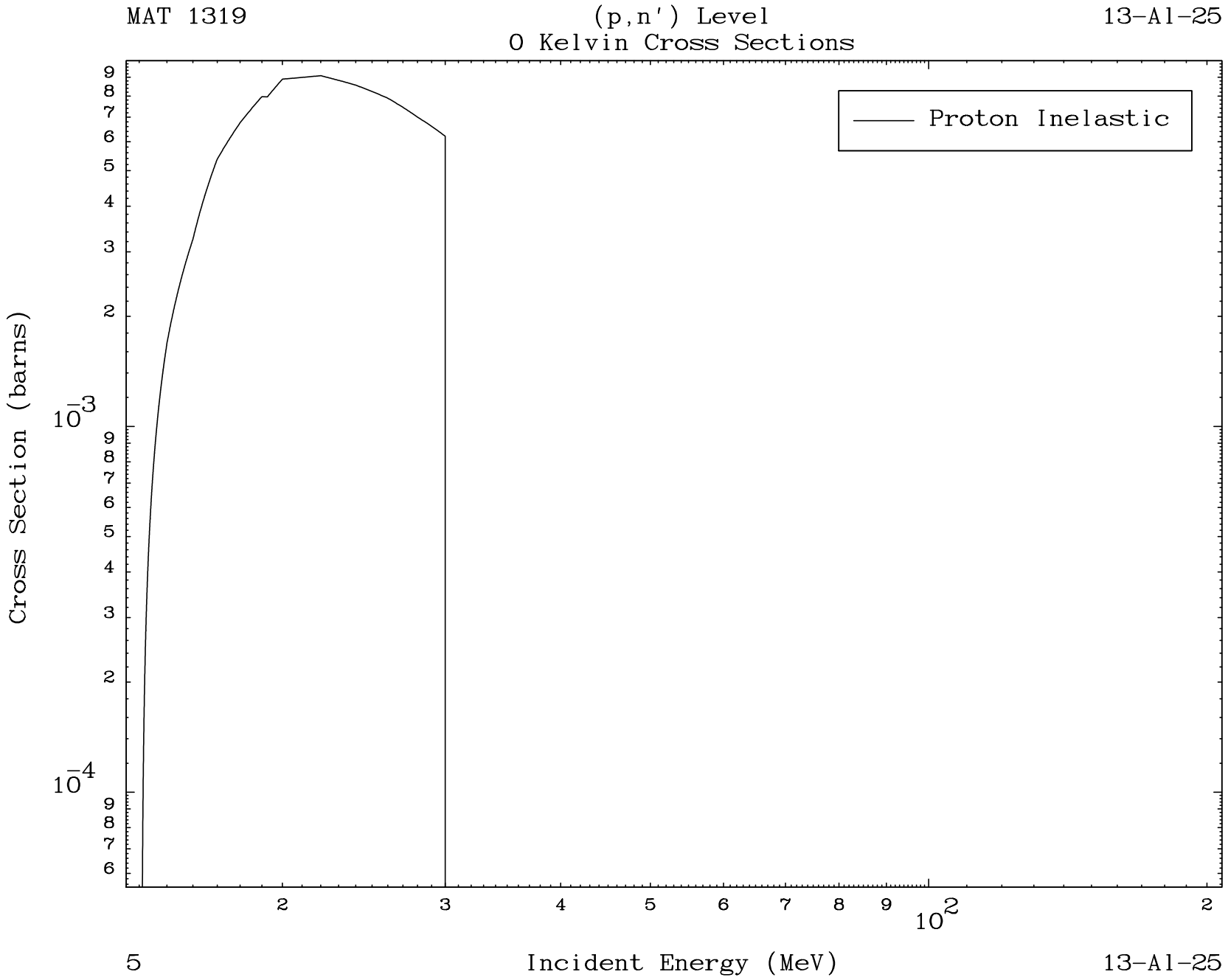
Press Mouse Button to Start

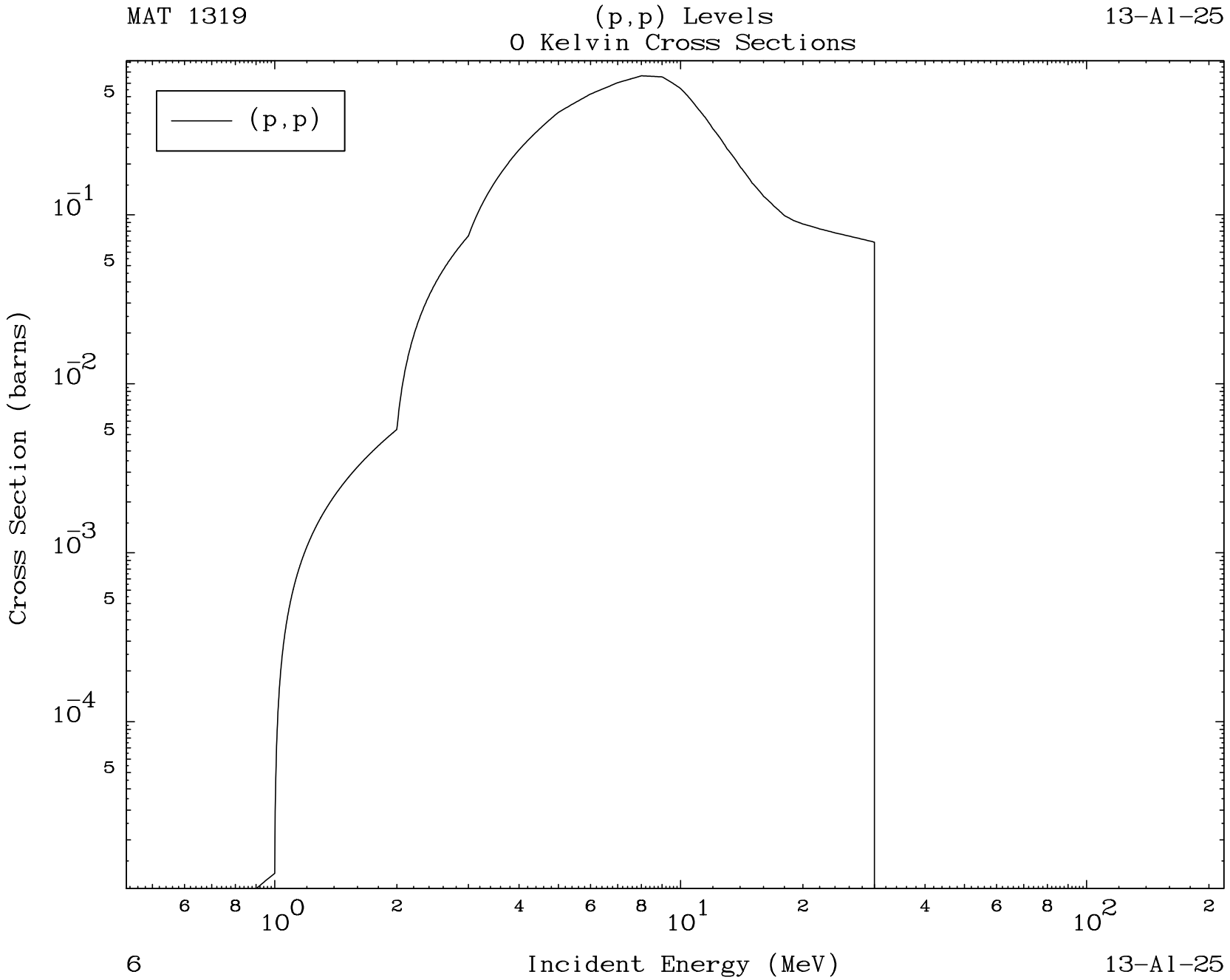

MAT 1319
Proton Major
13-Al-25
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
13-Al-25

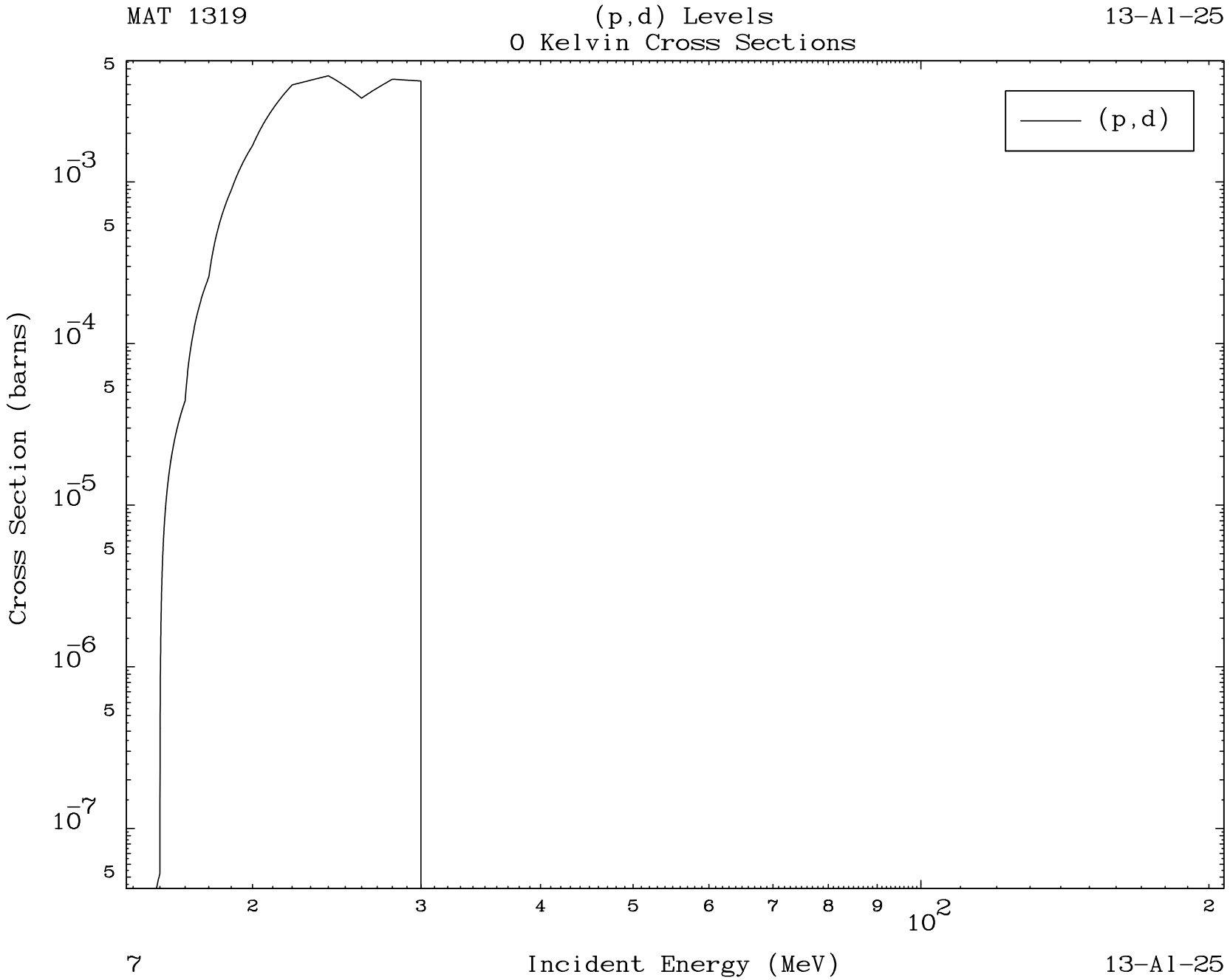

MAT 1319
Proton Neutron Production
0 Kelvin Cross Sections
13-Al-25
(p,2n)
(p,n') α
(p,n') p
(p,n') He-3
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
13-Al-25

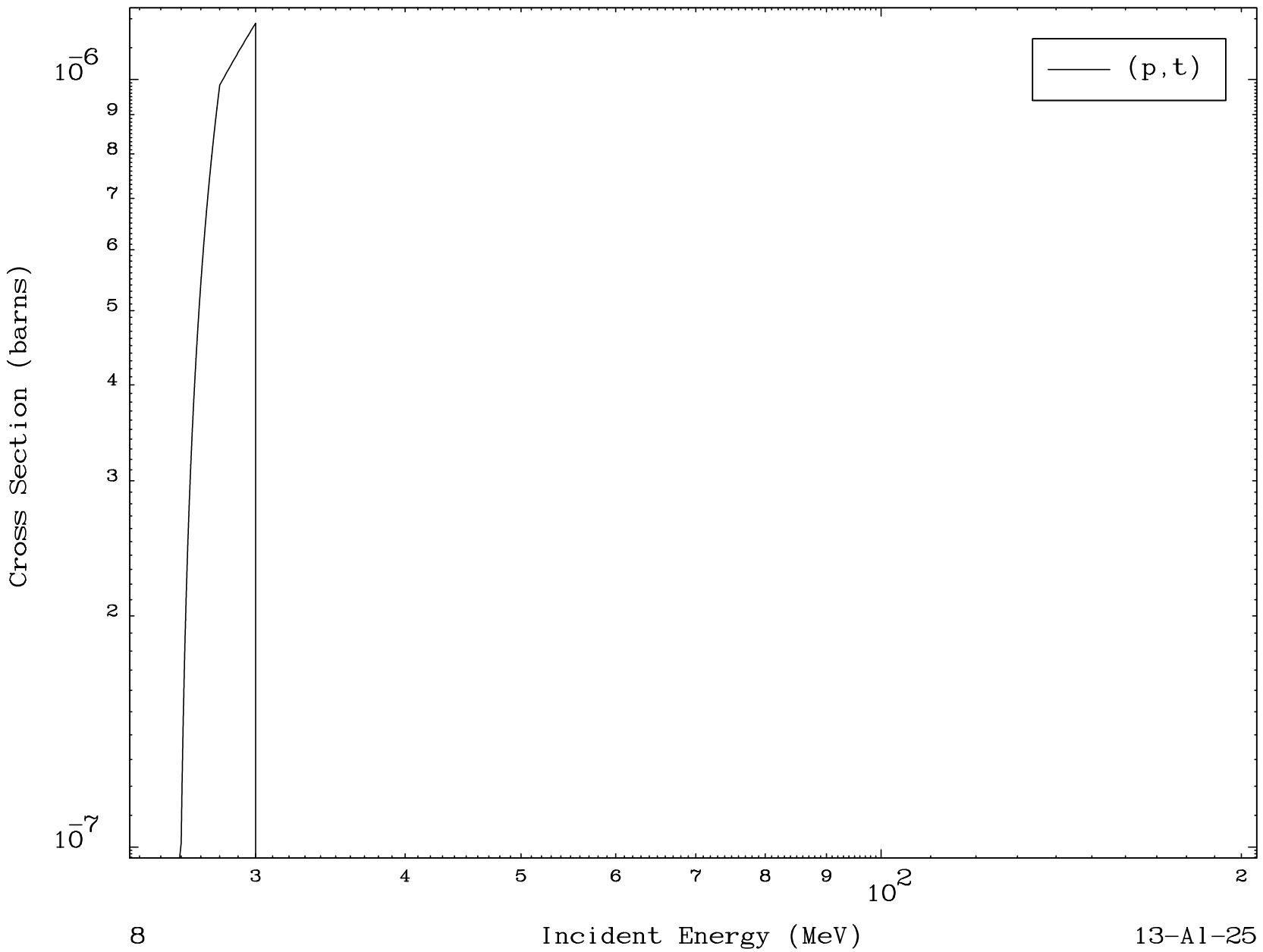

MAT 1319
Proton Charged Particle
0 Kelvin Cross Sections
13-Al-25
Cross Section (barns)
Incident Energy (MeV)
3
13-Al-25
(p,n') α
(p,n') p
(p,n') He-3
(p,p)
(p,d)
(p,t)
(p,He-3)

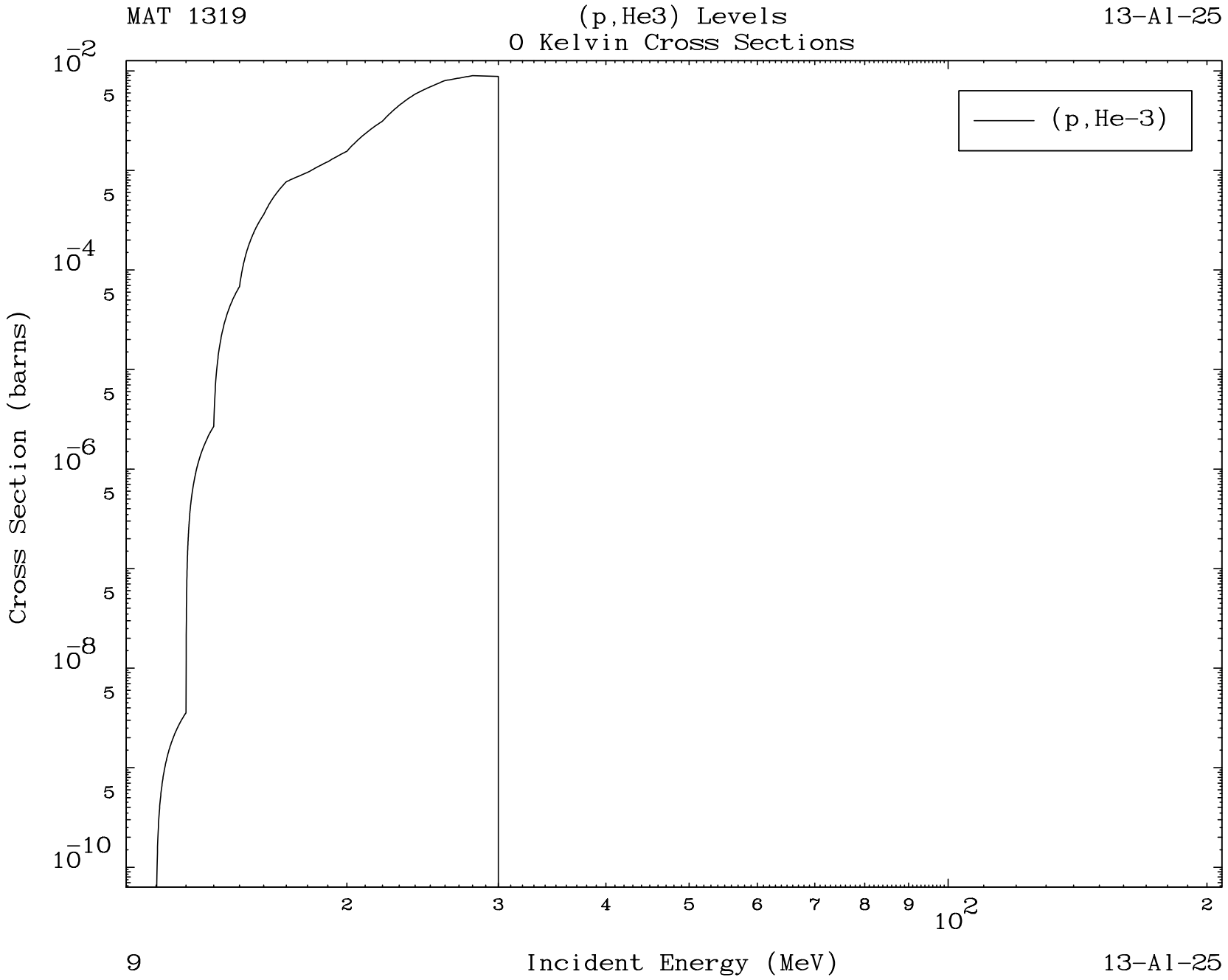

MAT 1319
Proton Charged Particle
0 Kelvin Cross Sections
13-Al-25
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
13-Al-25

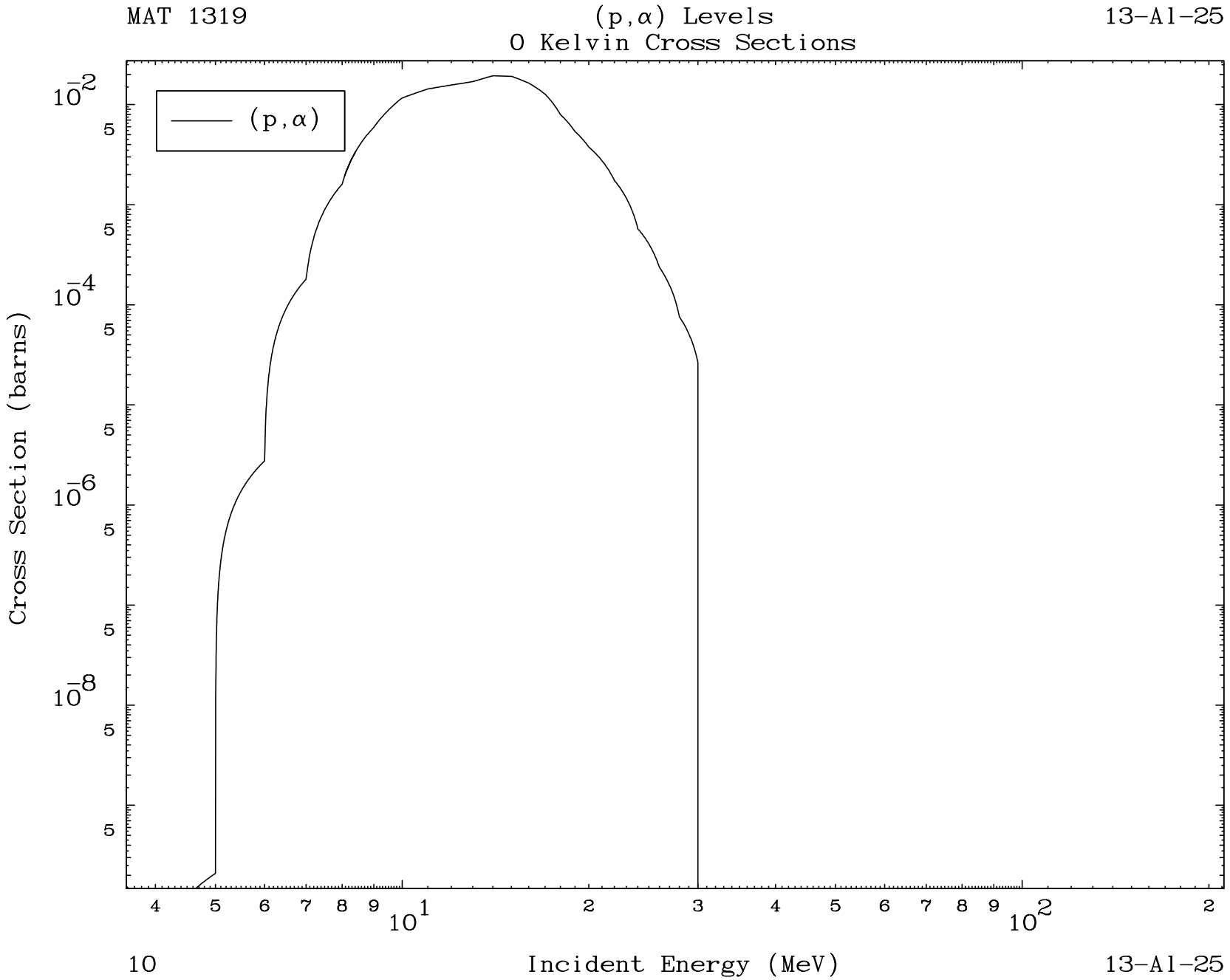

MAT 1319
(p,n') Level
13-Al-25
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
13-Al-25

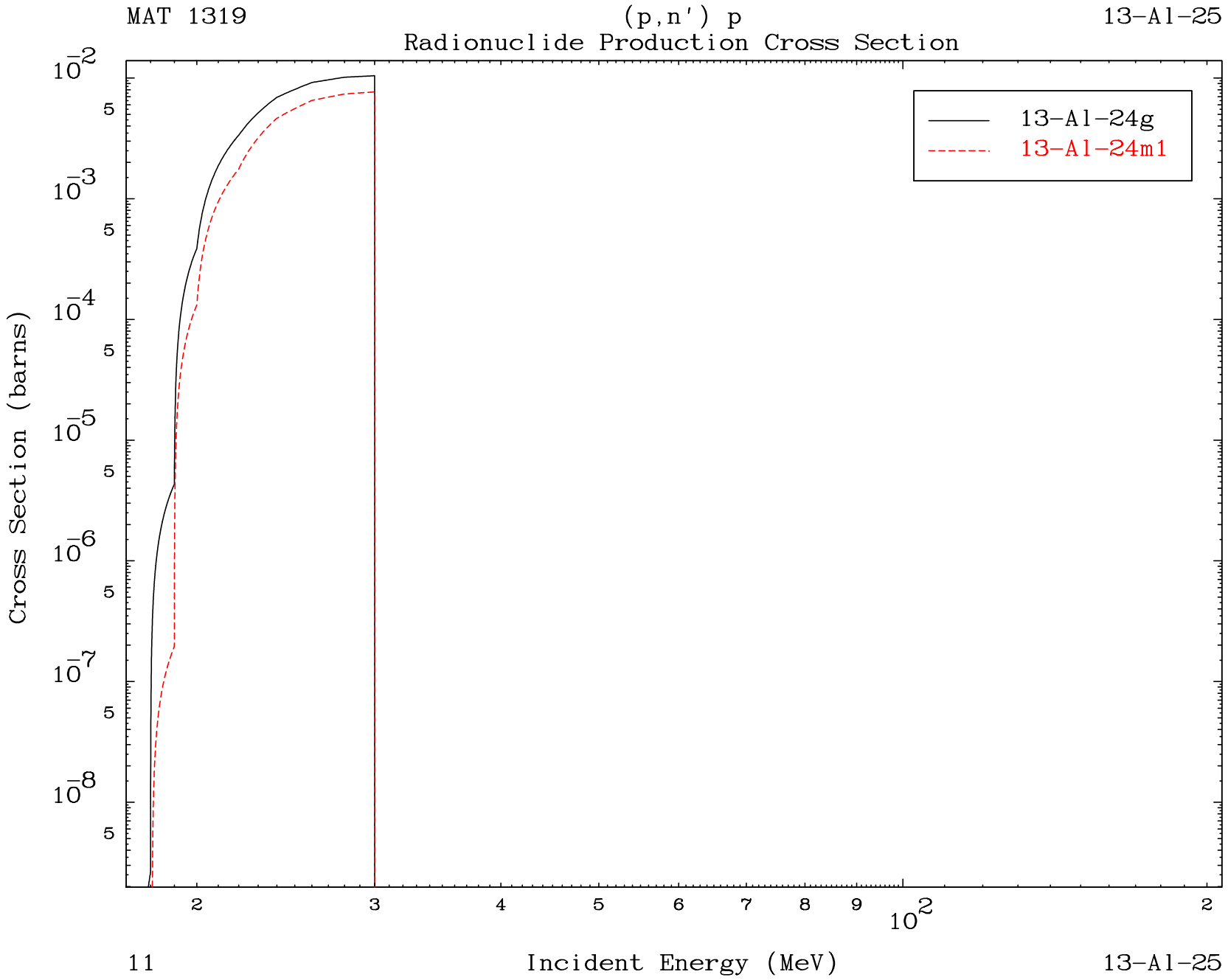

MAT 1319
(p,p) Levels
13-Al-25
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
13-Al-25

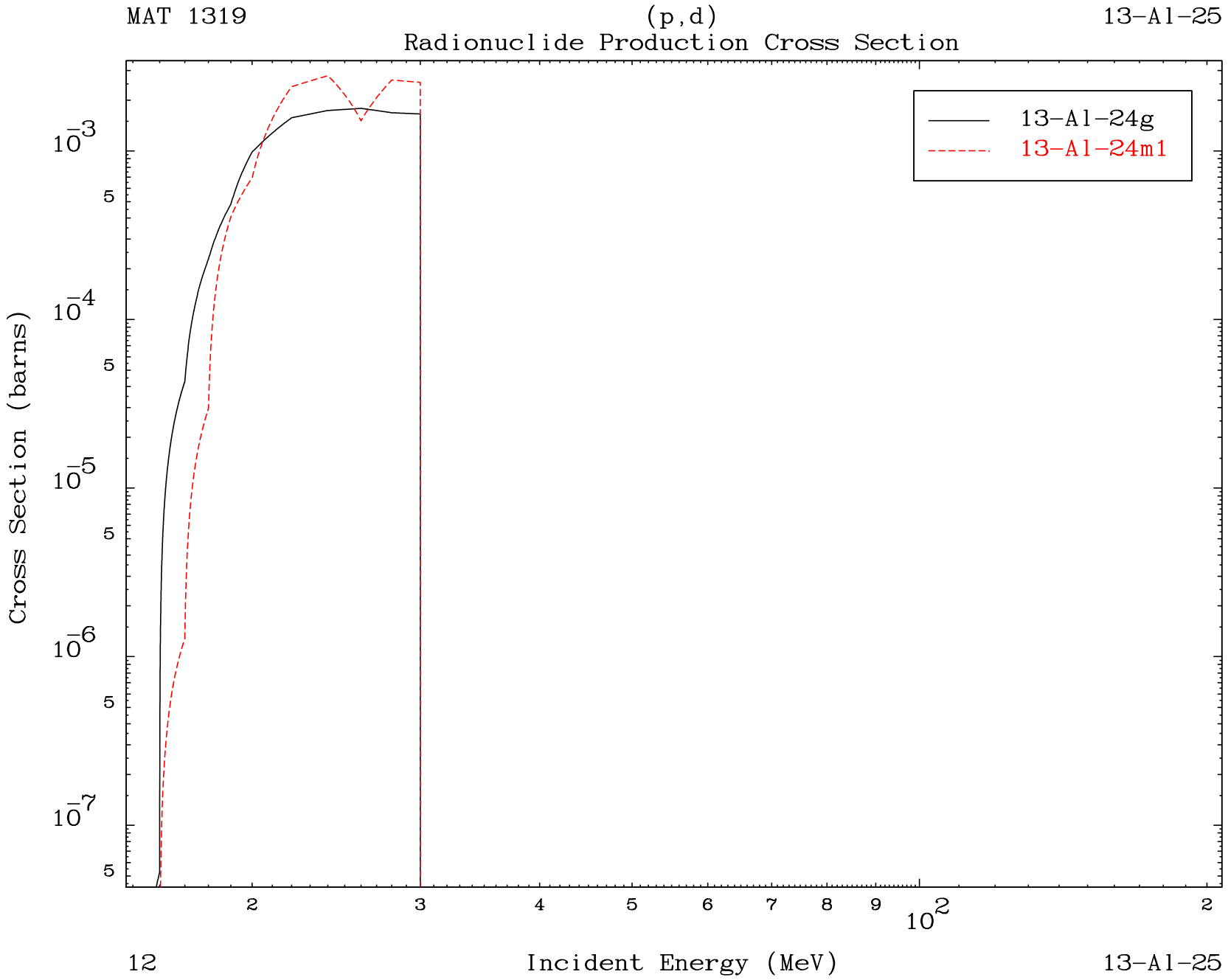

MAT 1319
(p,d) Levels
13-Al-25
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
13-Al-25


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


MAT 1319
(p,He3) Levels
13-Al-25
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
13-Al-25


MAT 1319
(p,α) Levels
13-Al-25
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
13-Al-25


MAT 1319
(p,n') p
13-Al-25
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
Incident Energy (MeV)
11
13-Al-25


MAT 1319
(p,d)
13-Al-25
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
10-7
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
13-Al-25