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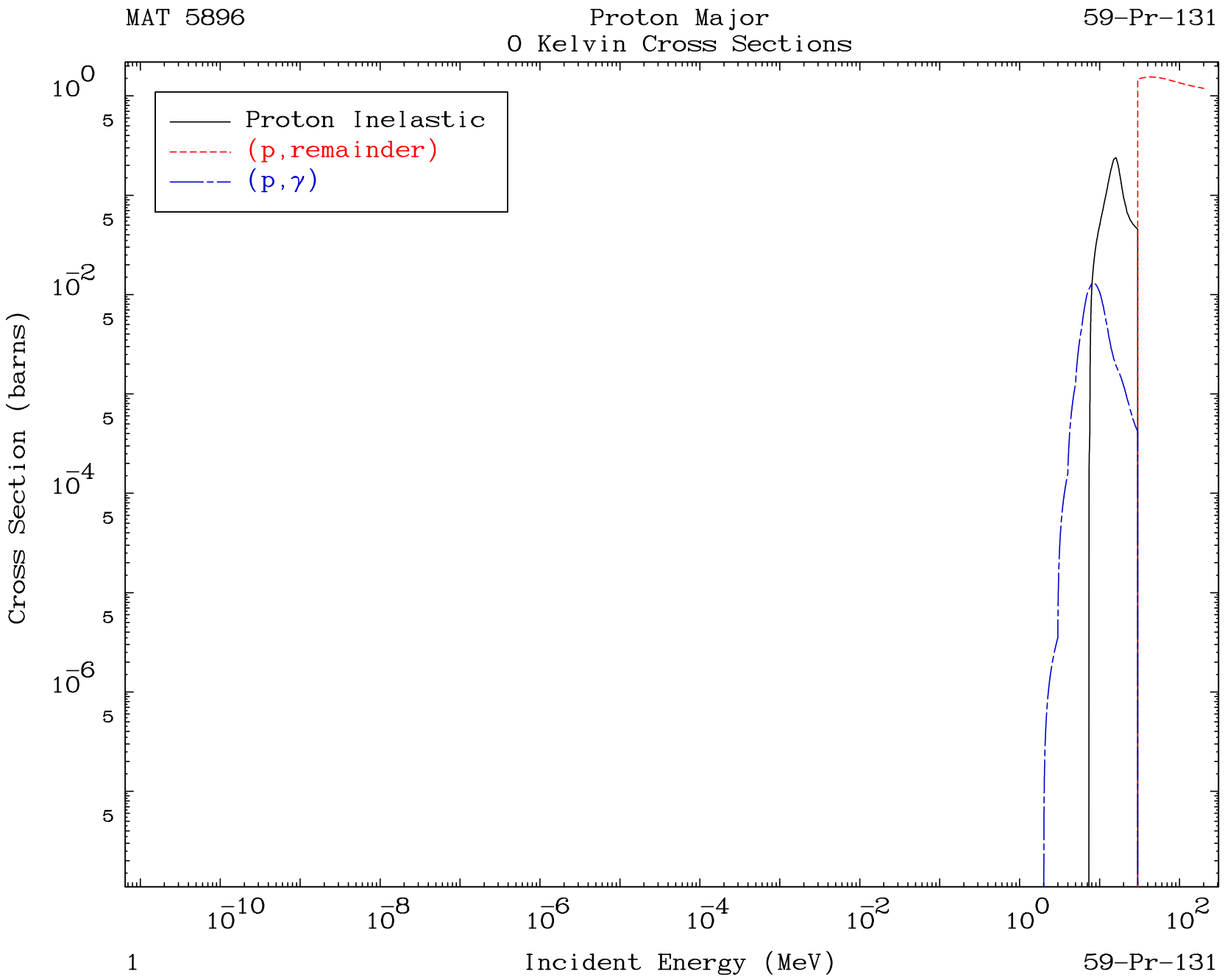
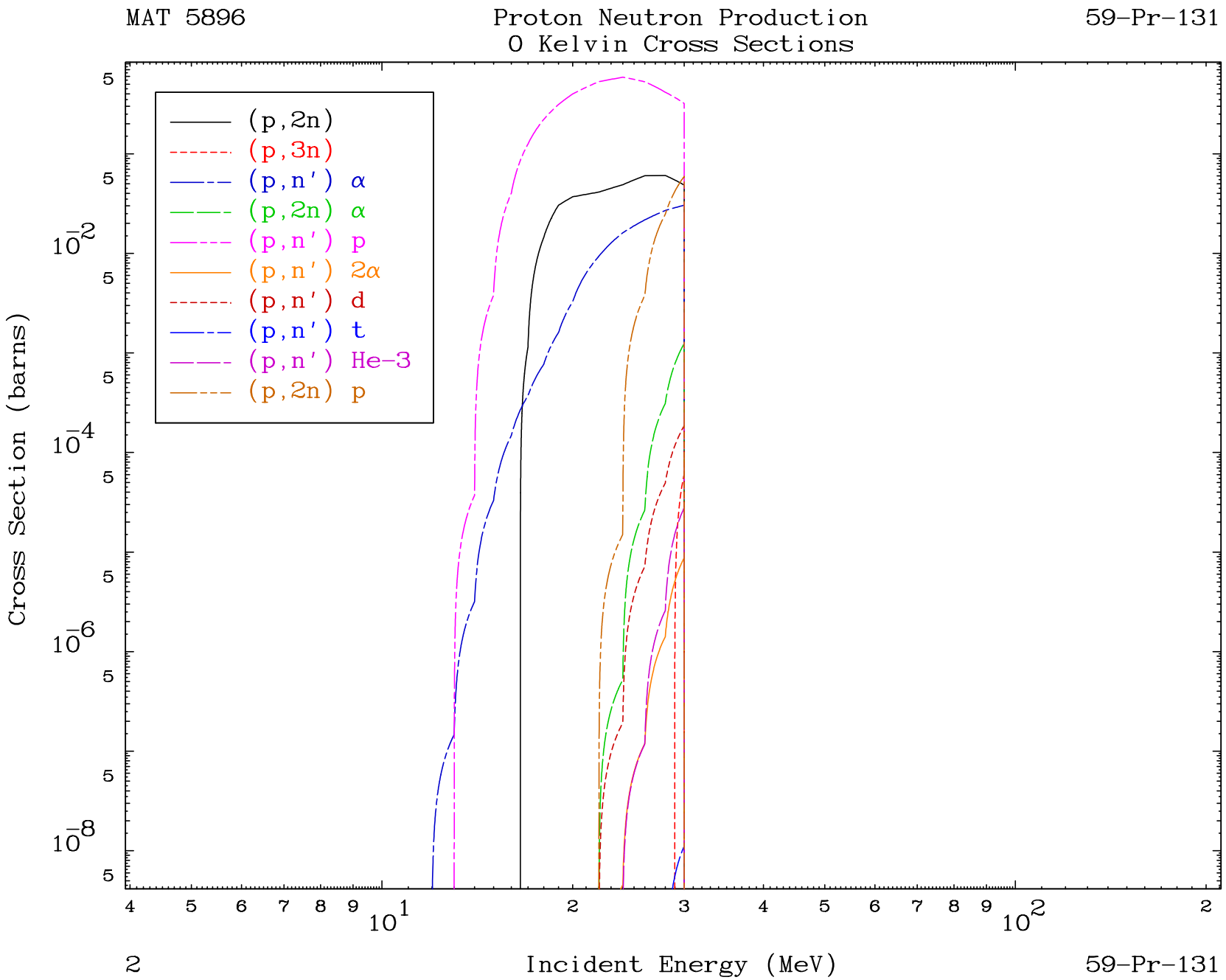
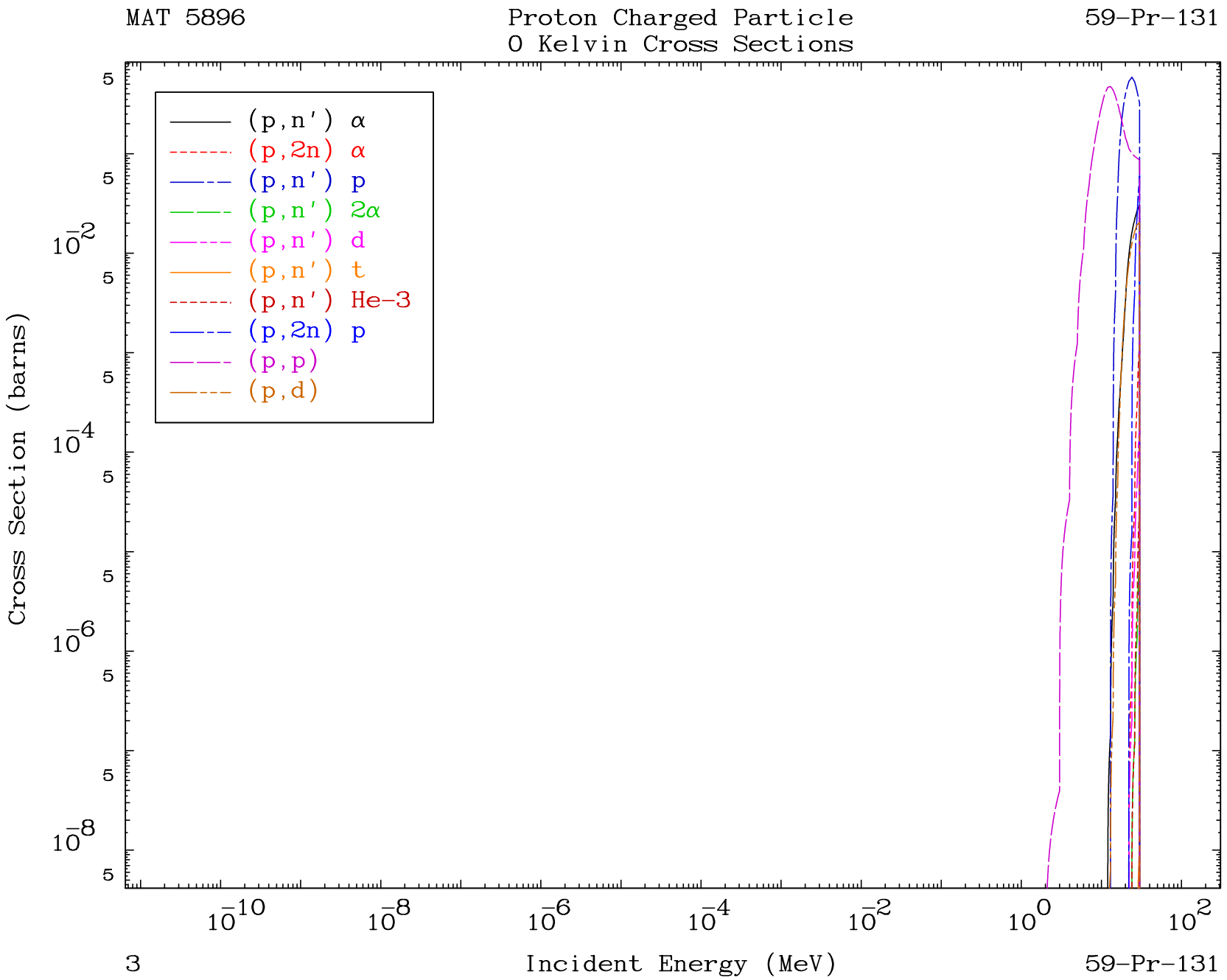
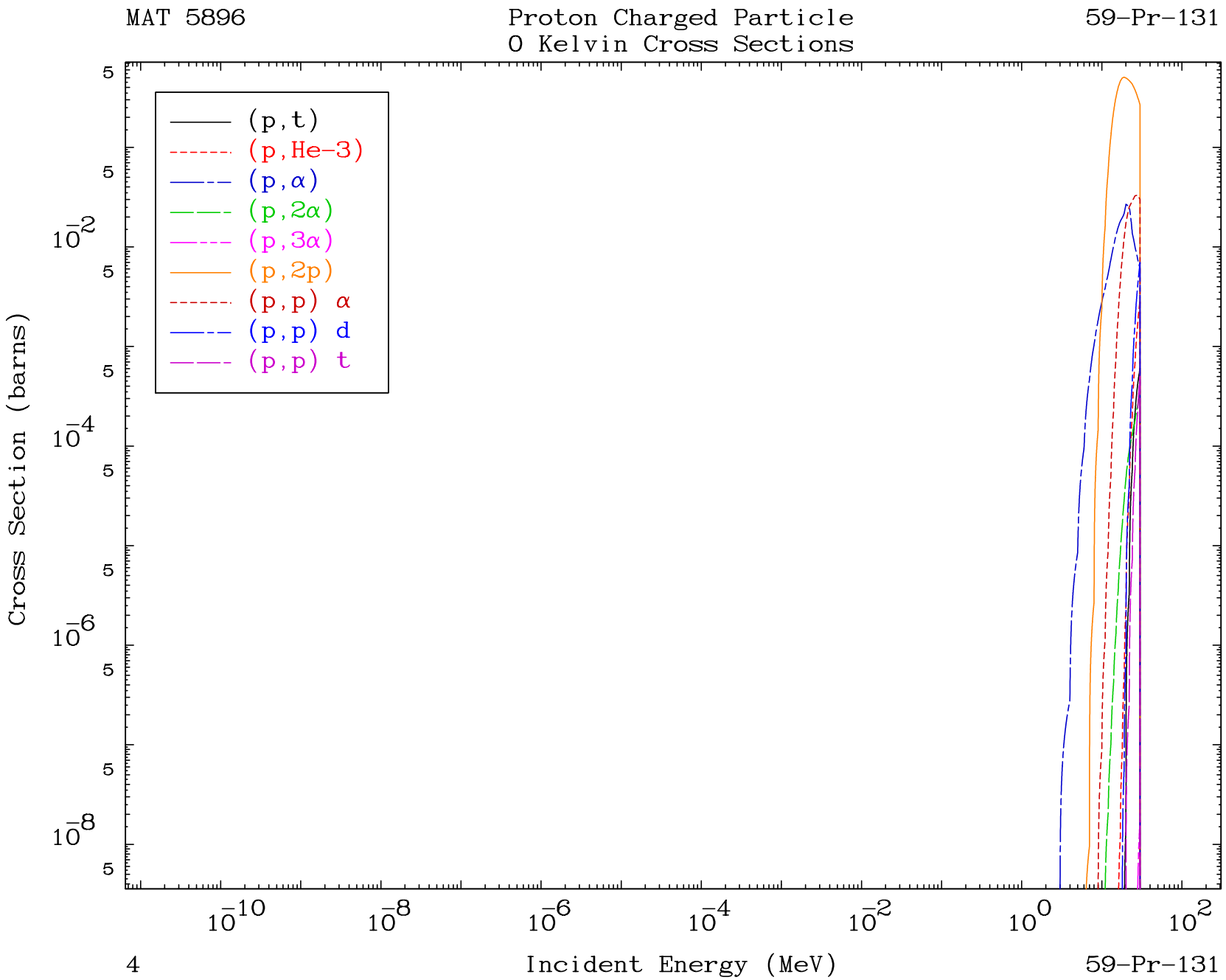
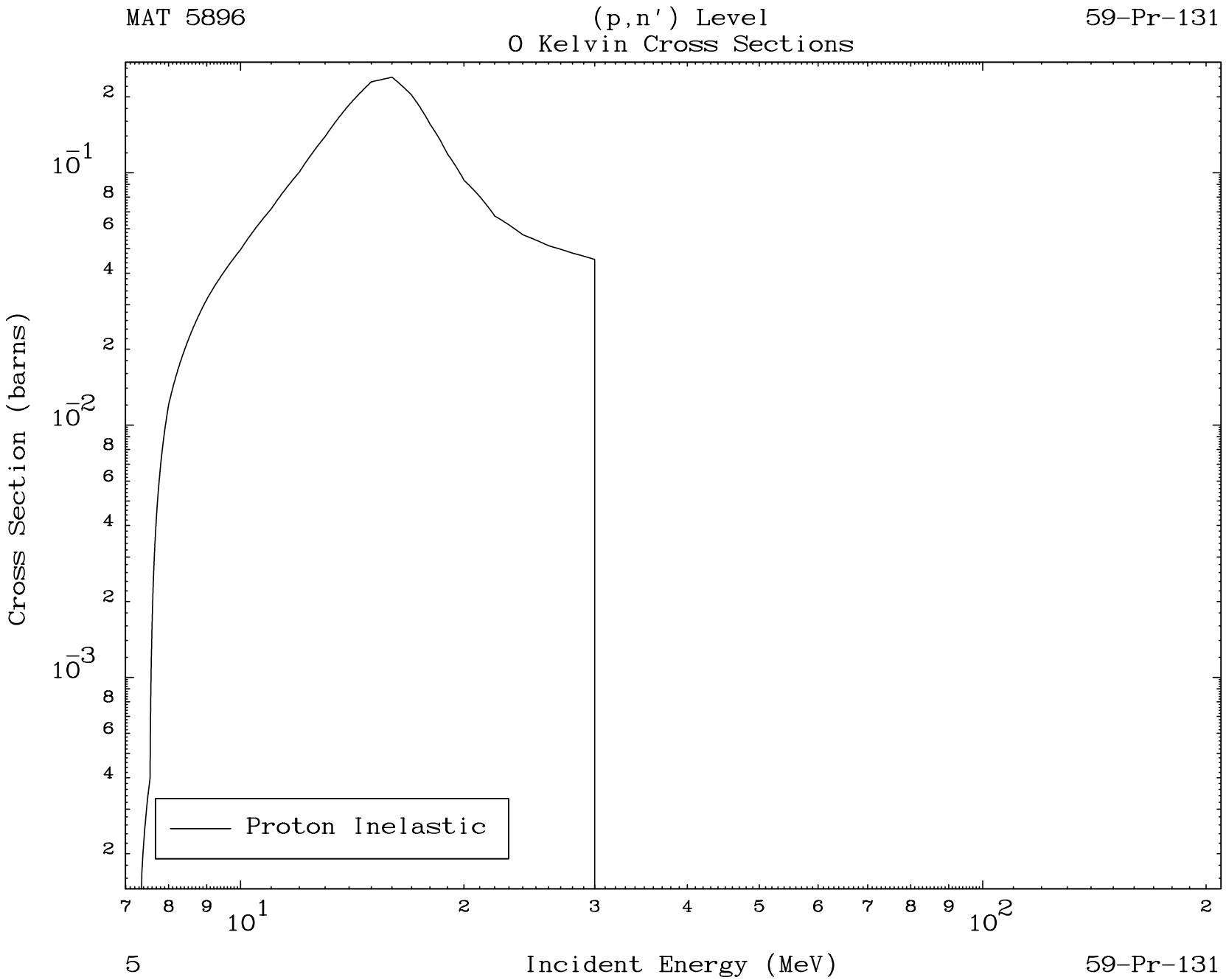
Press Mouse Button to Start

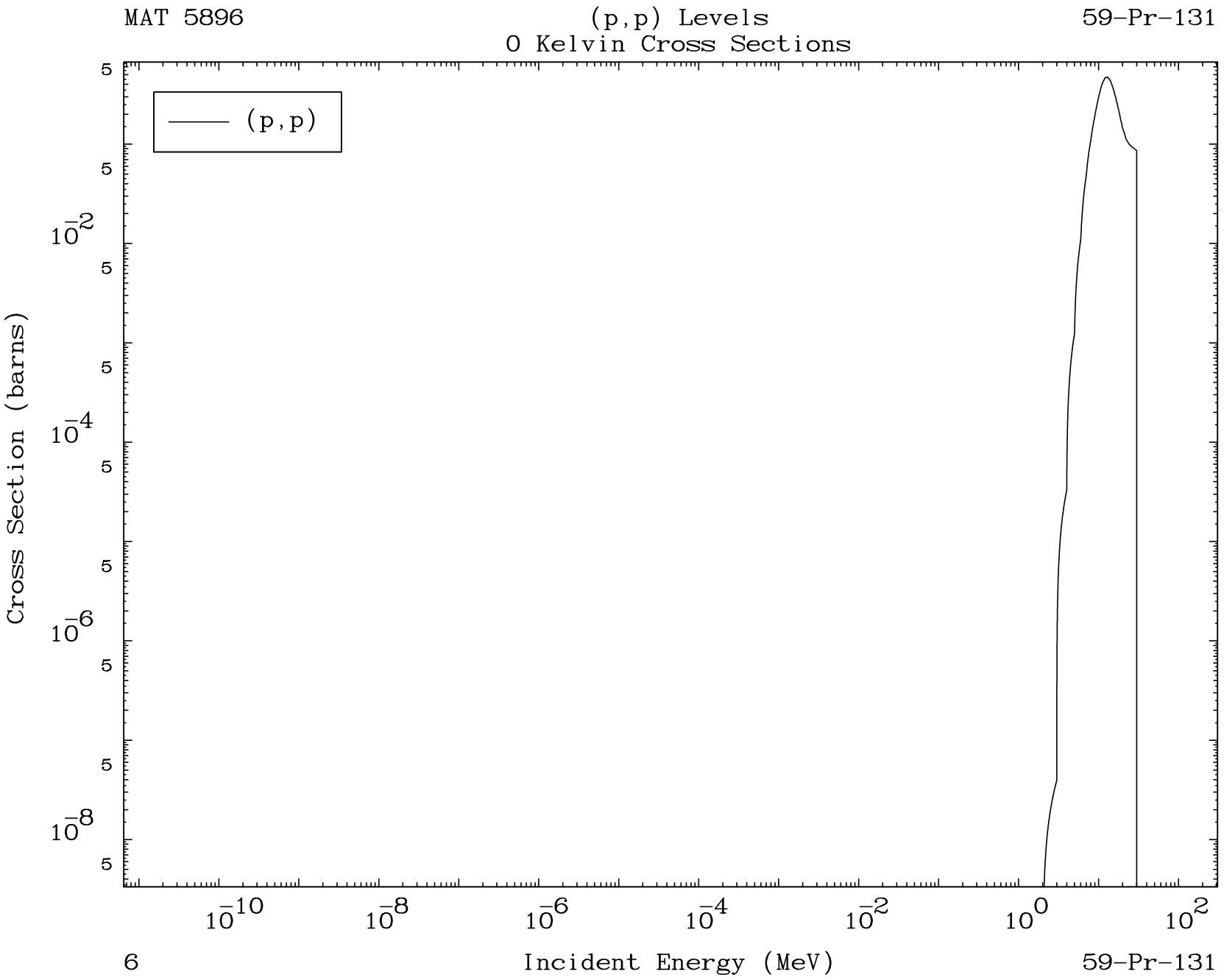

MAT 5896
Proton Major
59-Pr-131
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
59-Pr-131

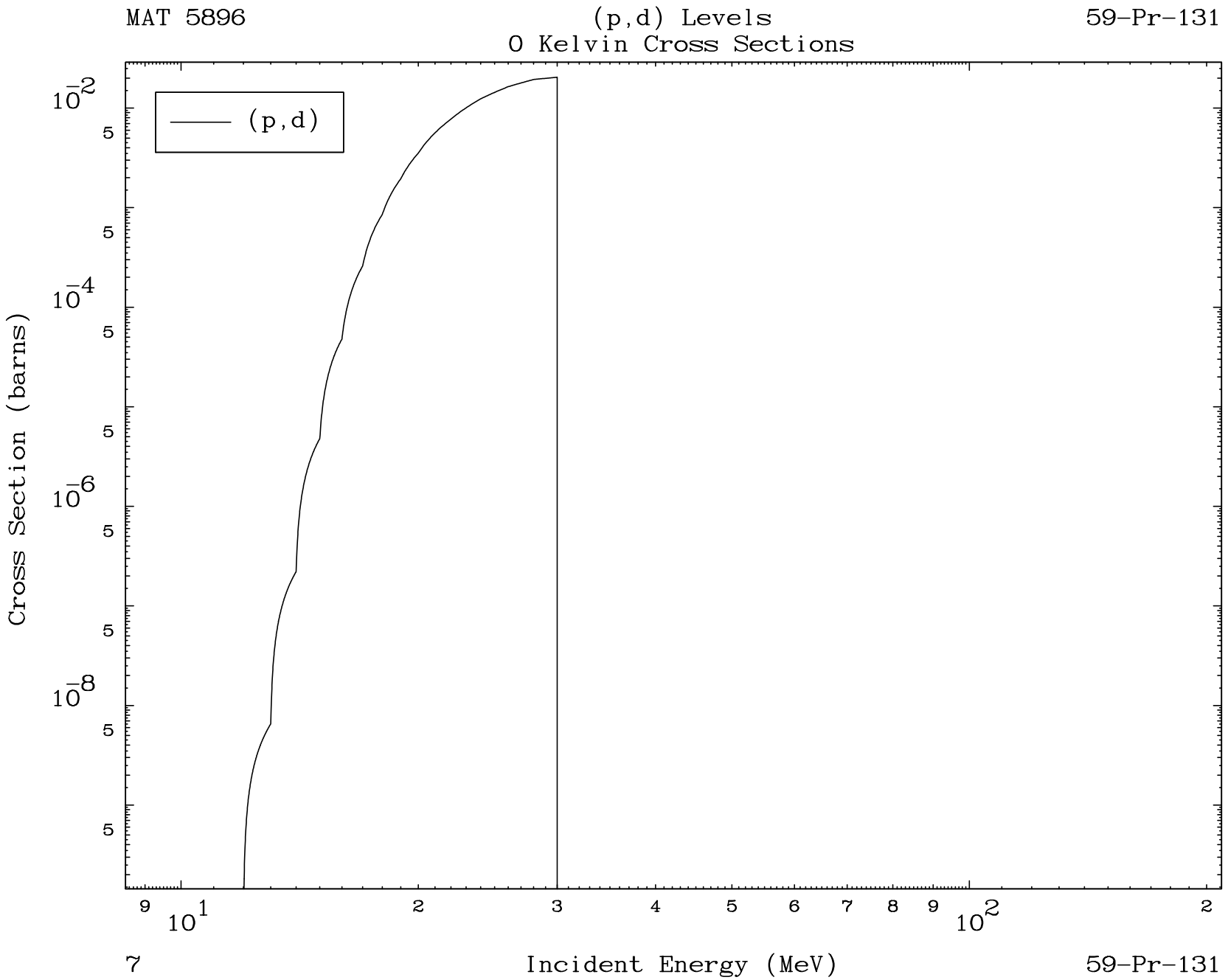

MAT 5896
Proton Neutron Production
0 Kelvin Cross Sections
59-Pr-131
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
59-Pr-131

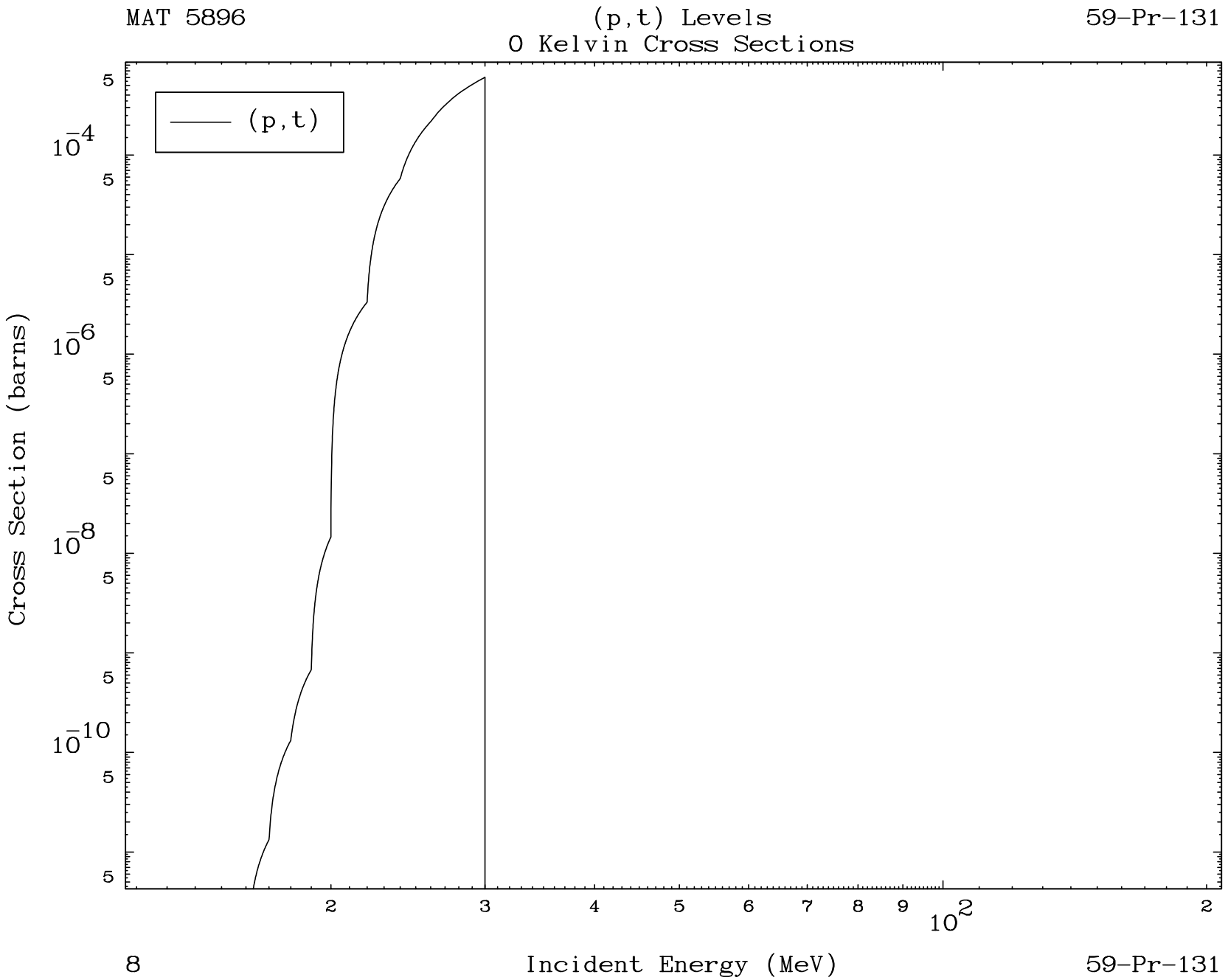

MAT 5896
Proton Charged Particle
0 Kelvin Cross Sections
59-Pr-131
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
Cross Section (barns)
Incident Energy (MeV)
3
59-Pr-131

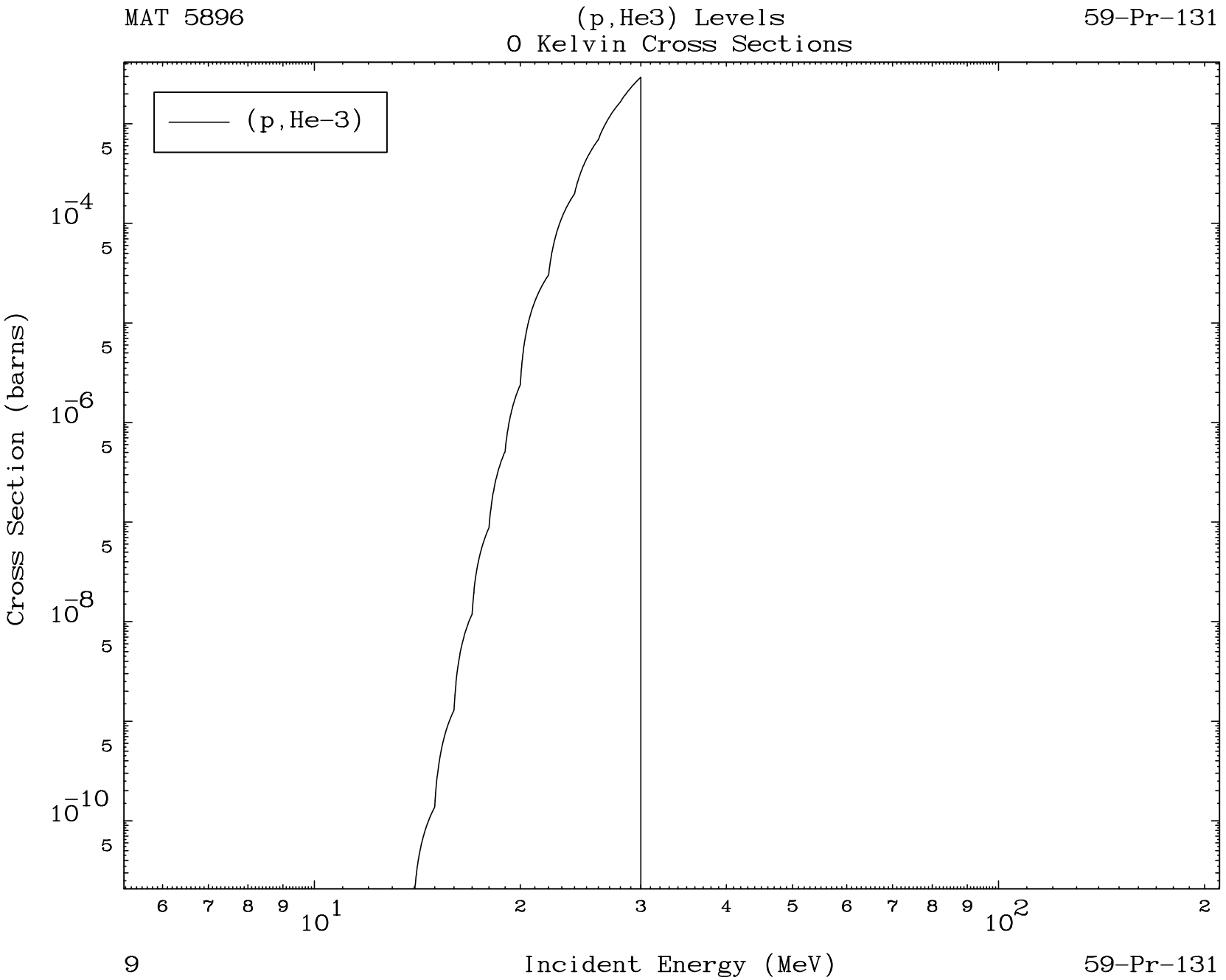

MAT 5896
Proton Charged Particle
0 Kelvin Cross Sections
59-Pr-131
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
59-Pr-131

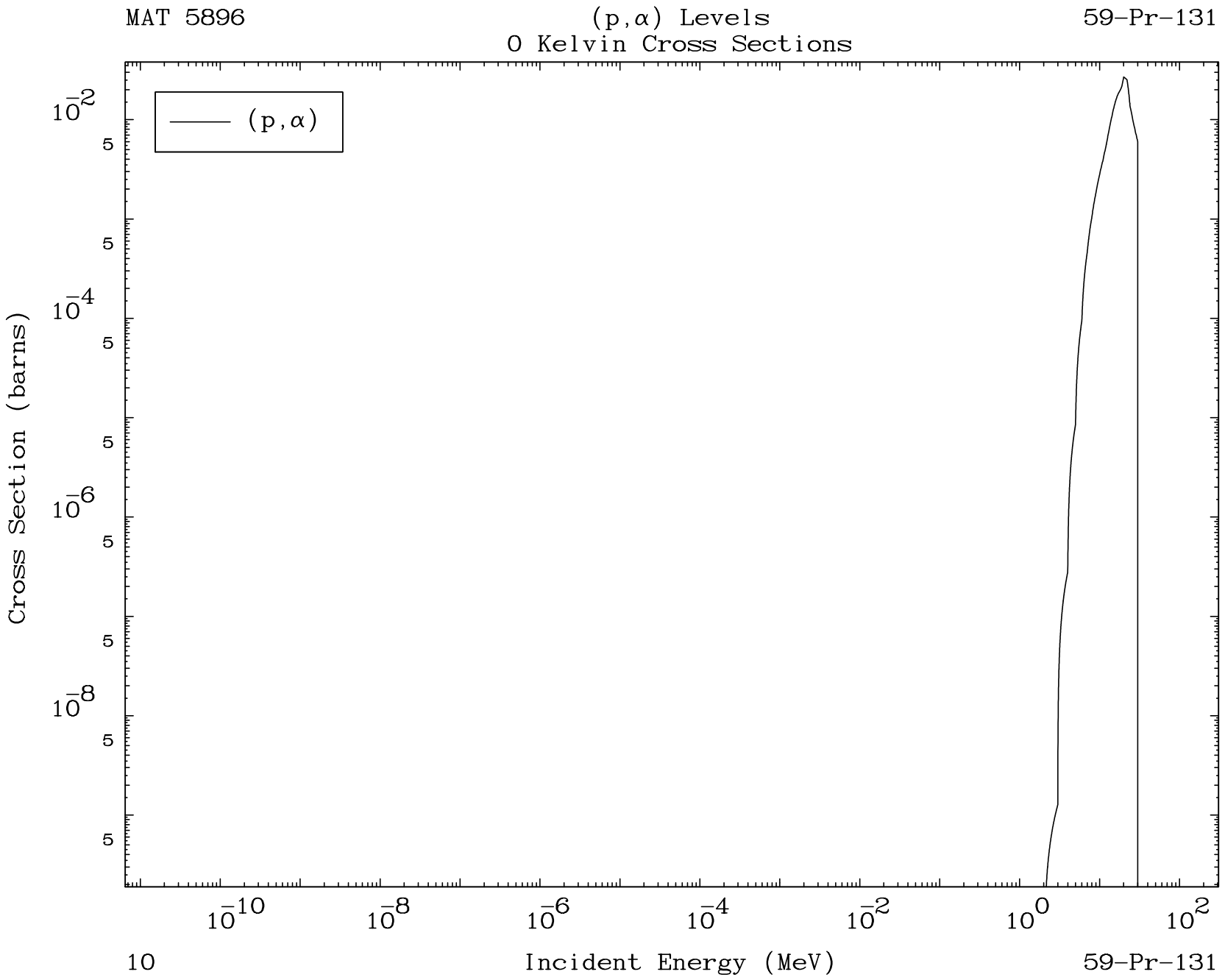

MAT 5896
(p,n') Level
59-Pr-131
0 Kelvin Cross Sections
Cross Section (barns)
Proton Inelastic
Incident Energy (MeV)
59-Pr-131
5

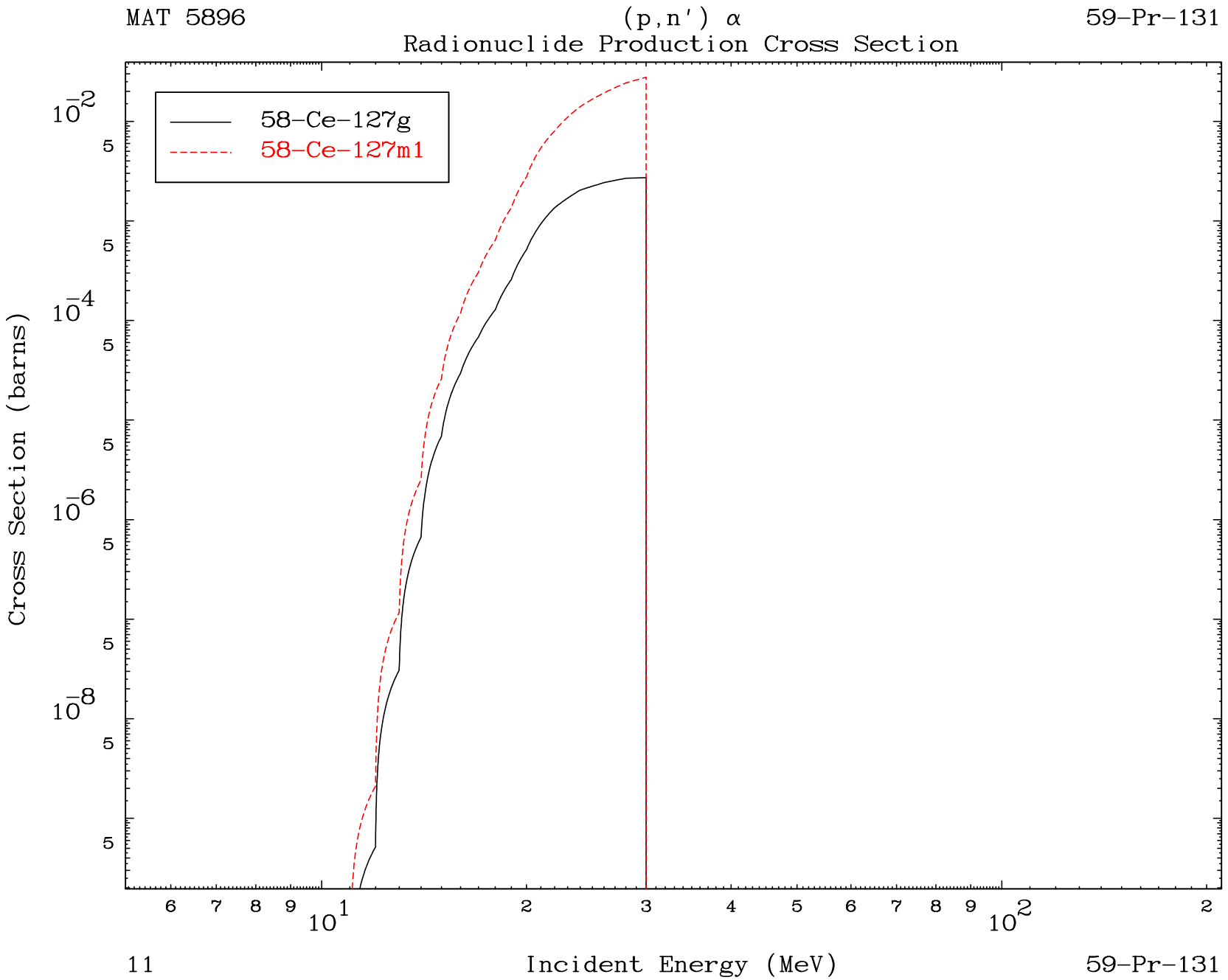

MAT 5896
(p,p) Levels
59-Pr-131
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
59-Pr-131

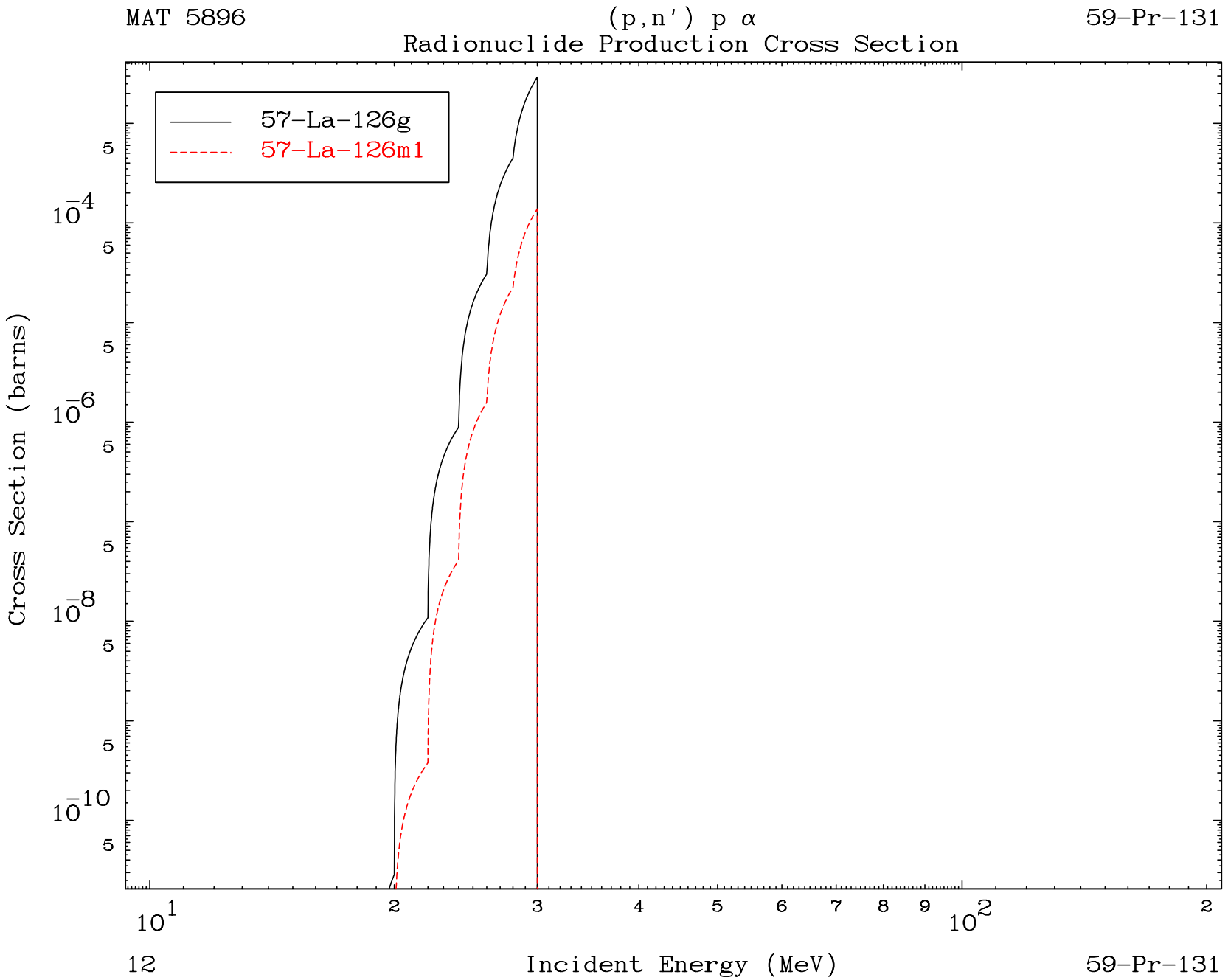

MAT 5896
(p,d) Levels
59-Pr-131
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
7
59-Pr-131

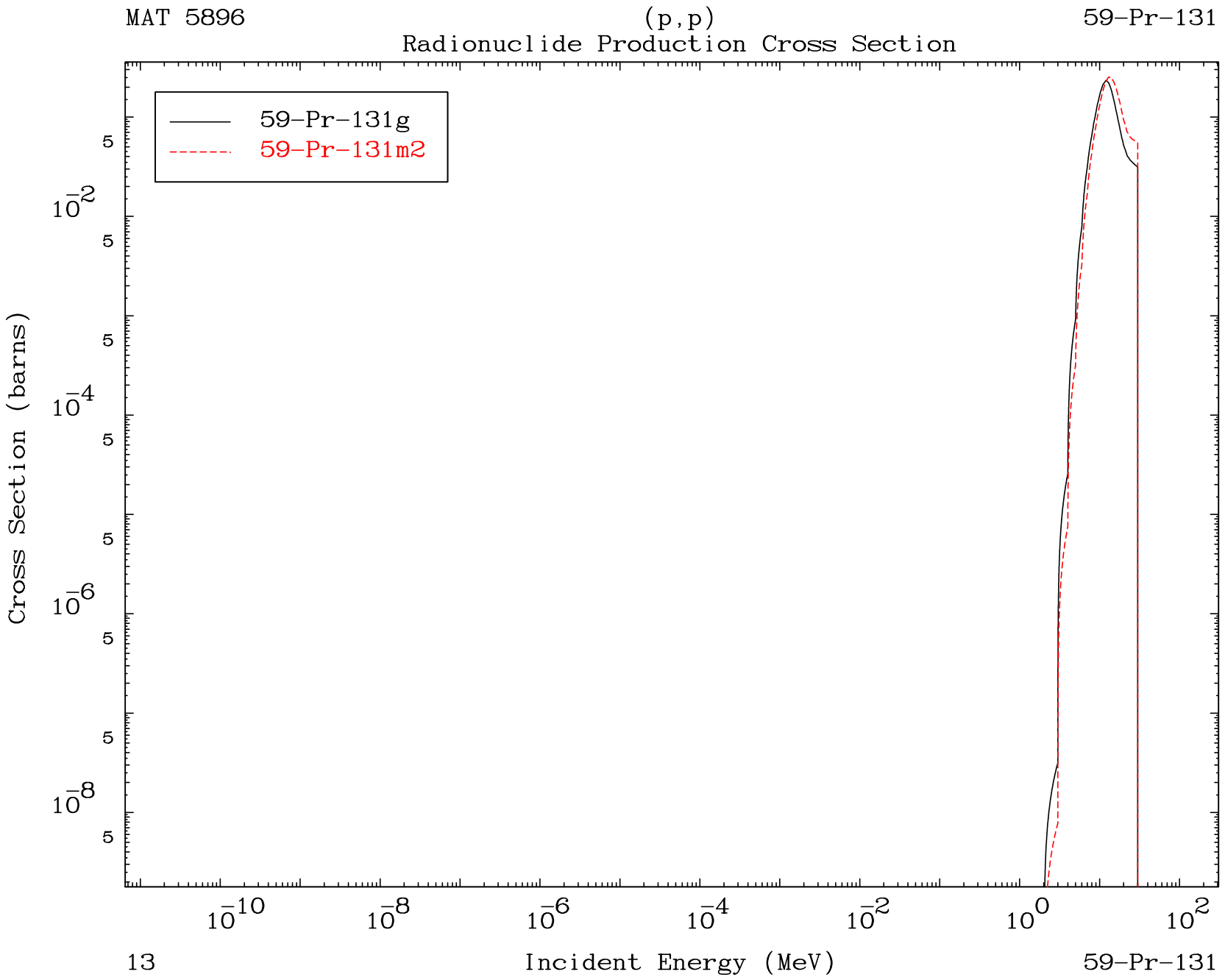

MAT 5896
(p,t) Levels
59-Pr-131
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
59-Pr-131

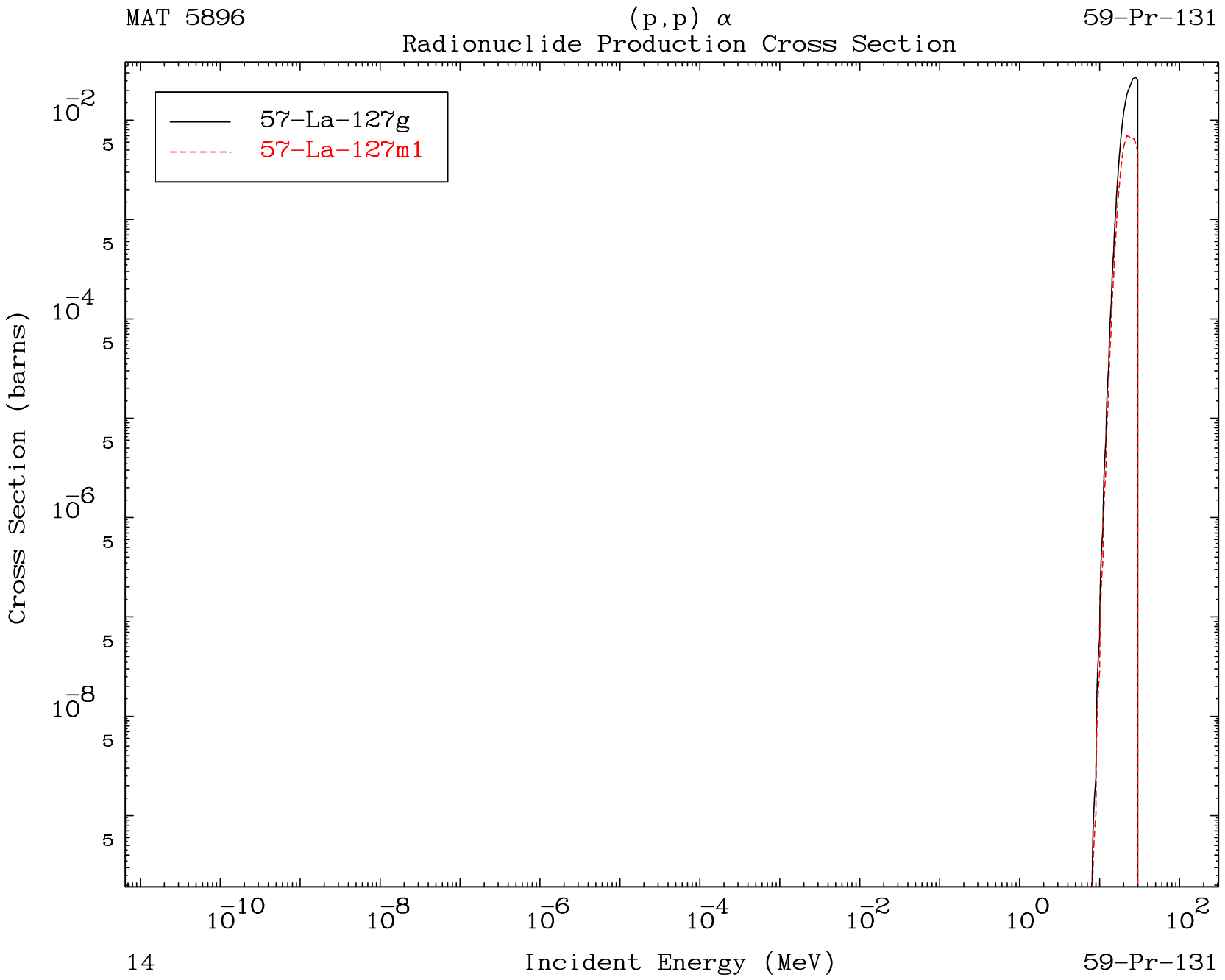

MAT 5896
(p,He3) Levels
59-Pr-131
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
59-Pr-131

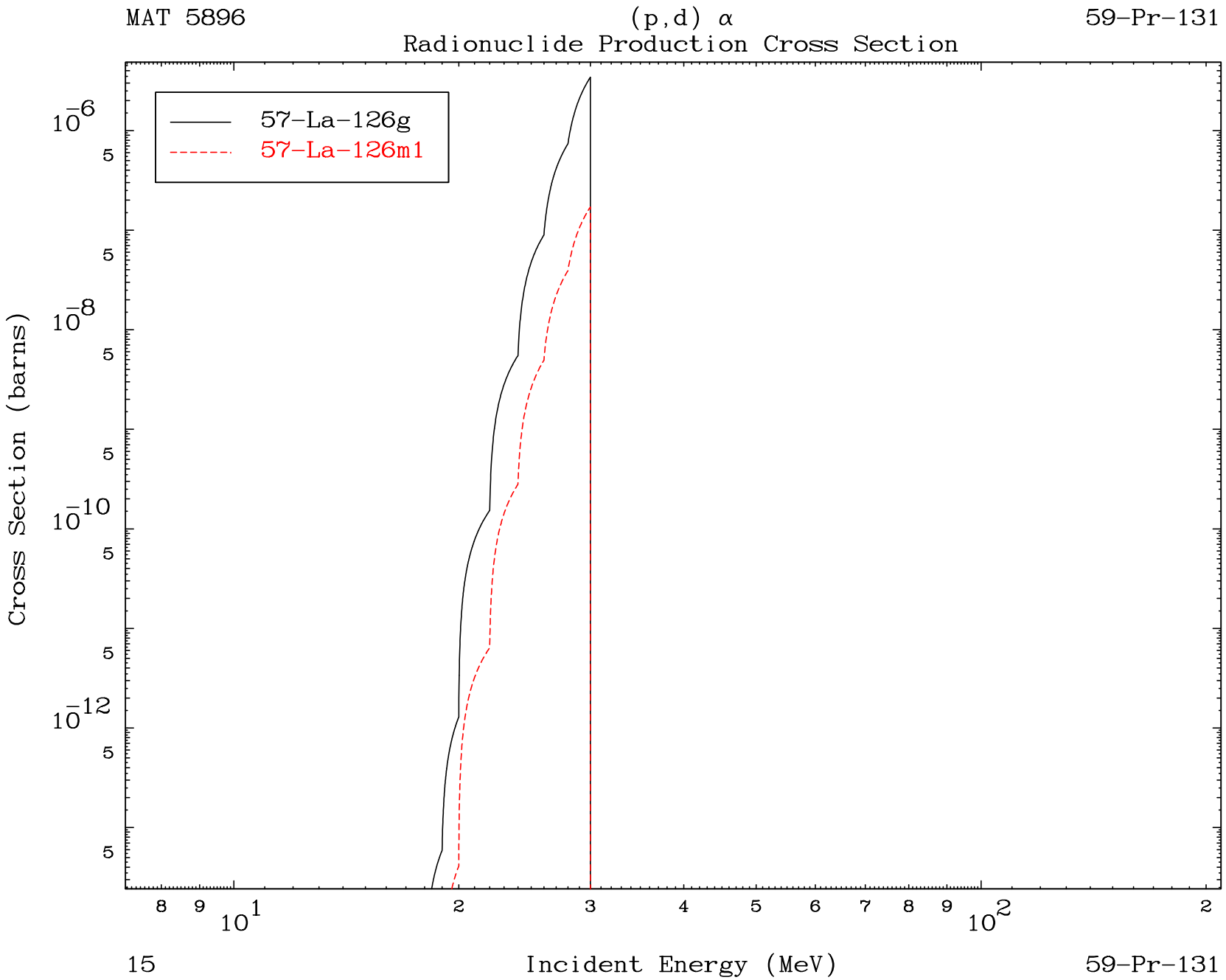

MAT 5896
(p,α) Levels
59-Pr-131
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
59-Pr-131
10


MAT 5896
(p,n') α
59-Pr-131
Radionuclide Production Cross Section
58-Ce-127g
58-Ce-127m1
Cross Section (barns)
Incident Energy (MeV)
11
59-Pr-131


MAT 5896
(p,n') p α
59-Pr-131
Radionuclide Production Cross Section
57-La-126g
57-La-126m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
12
59-Pr-131


MAT 5896
(p,p)
59-Pr-131
Radionuclide Production Cross Section
59-Pr-131g
59-Pr-131m2
Cross Section (barns)
Incident Energy (MeV)
13
59-Pr-131


MAT 5896
(p,p) α
59-Pr-131
Radionuclide Production Cross Section
57-La-127g
57-La-127m1
Cross Section (barns)
Incident Energy (MeV)
14
59-Pr-131


MAT 5896
(p,d) α
59-Pr-131
Radionuclide Production Cross Section
57-La-126g
57-La-126m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
15
59-Pr-131