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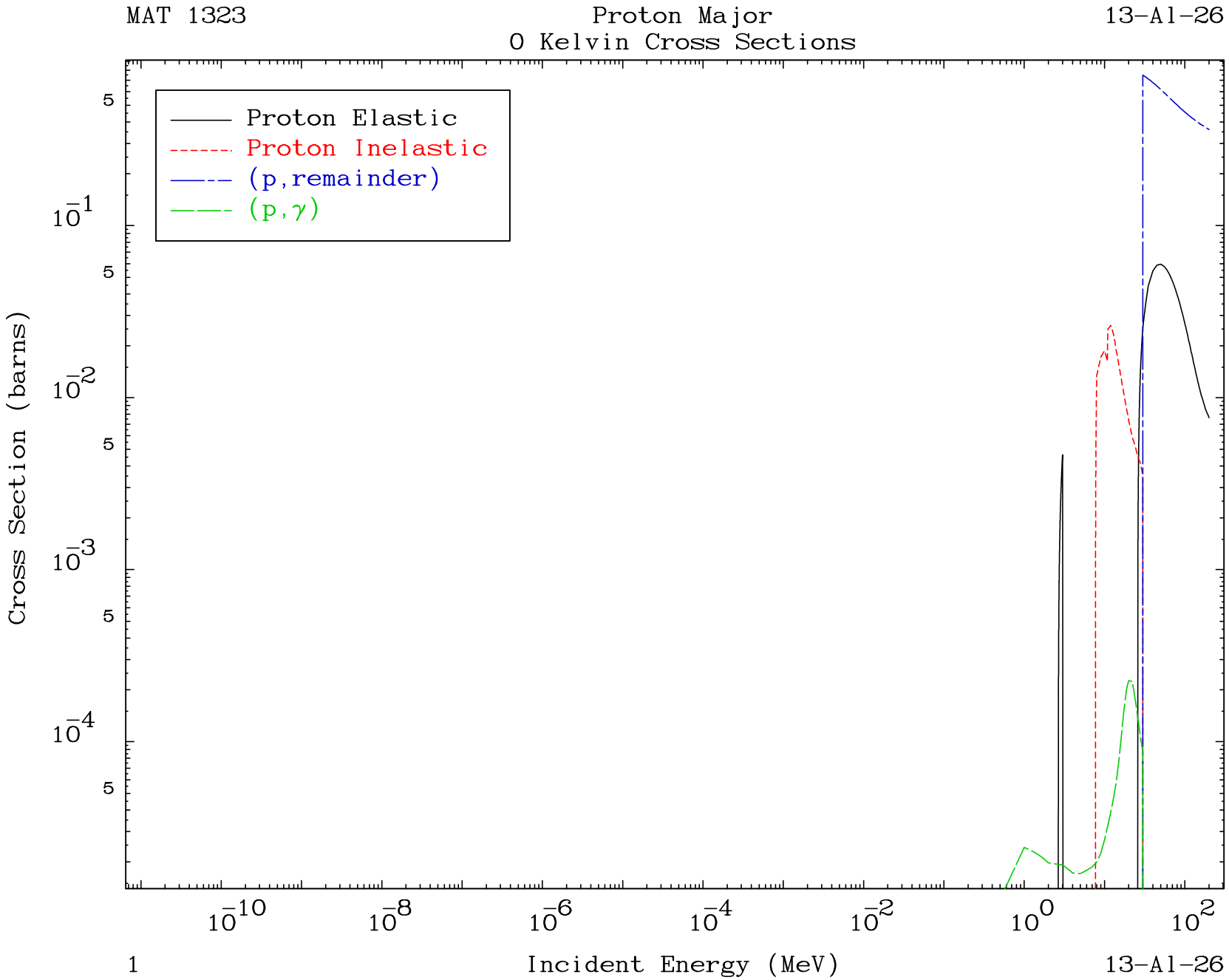
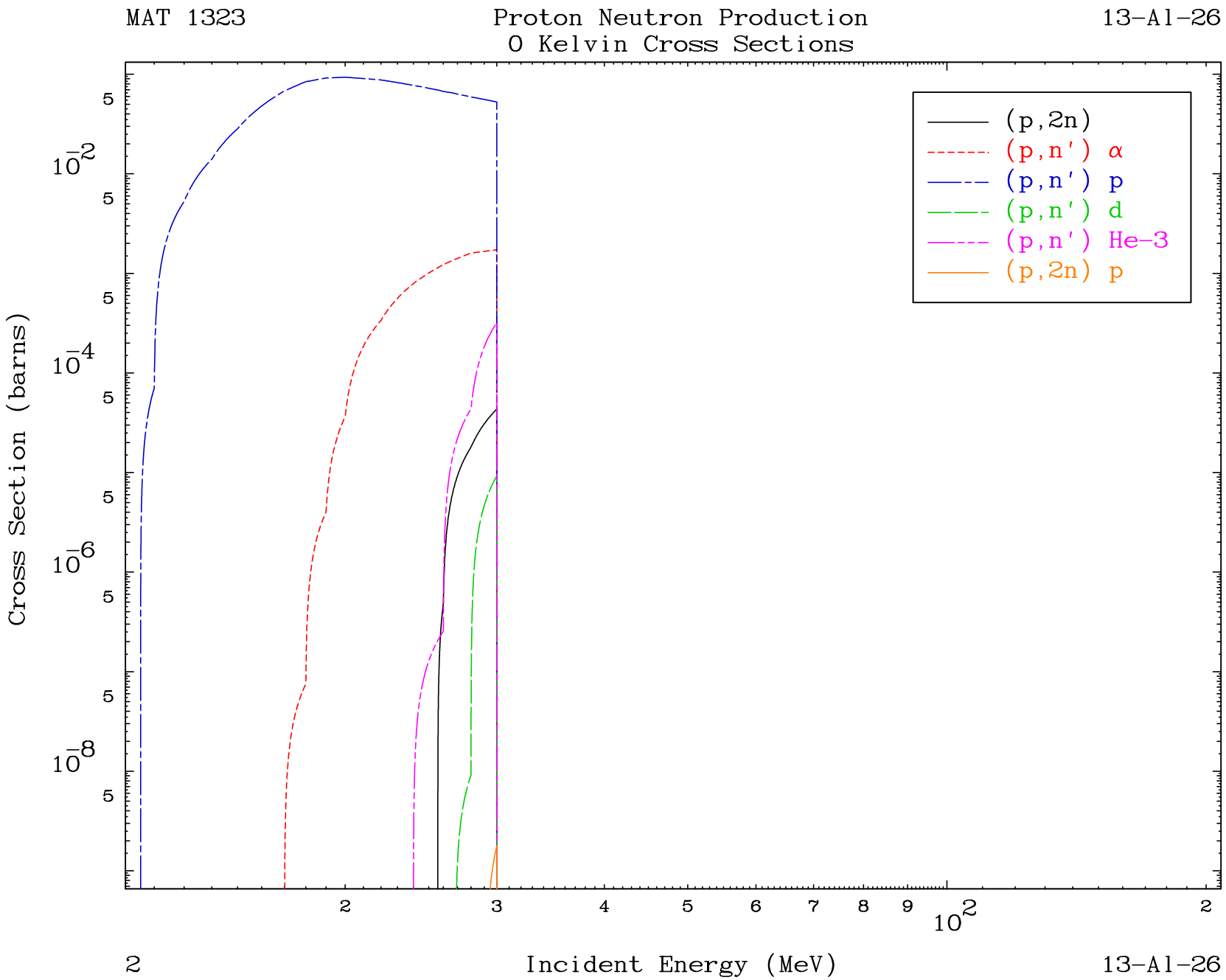
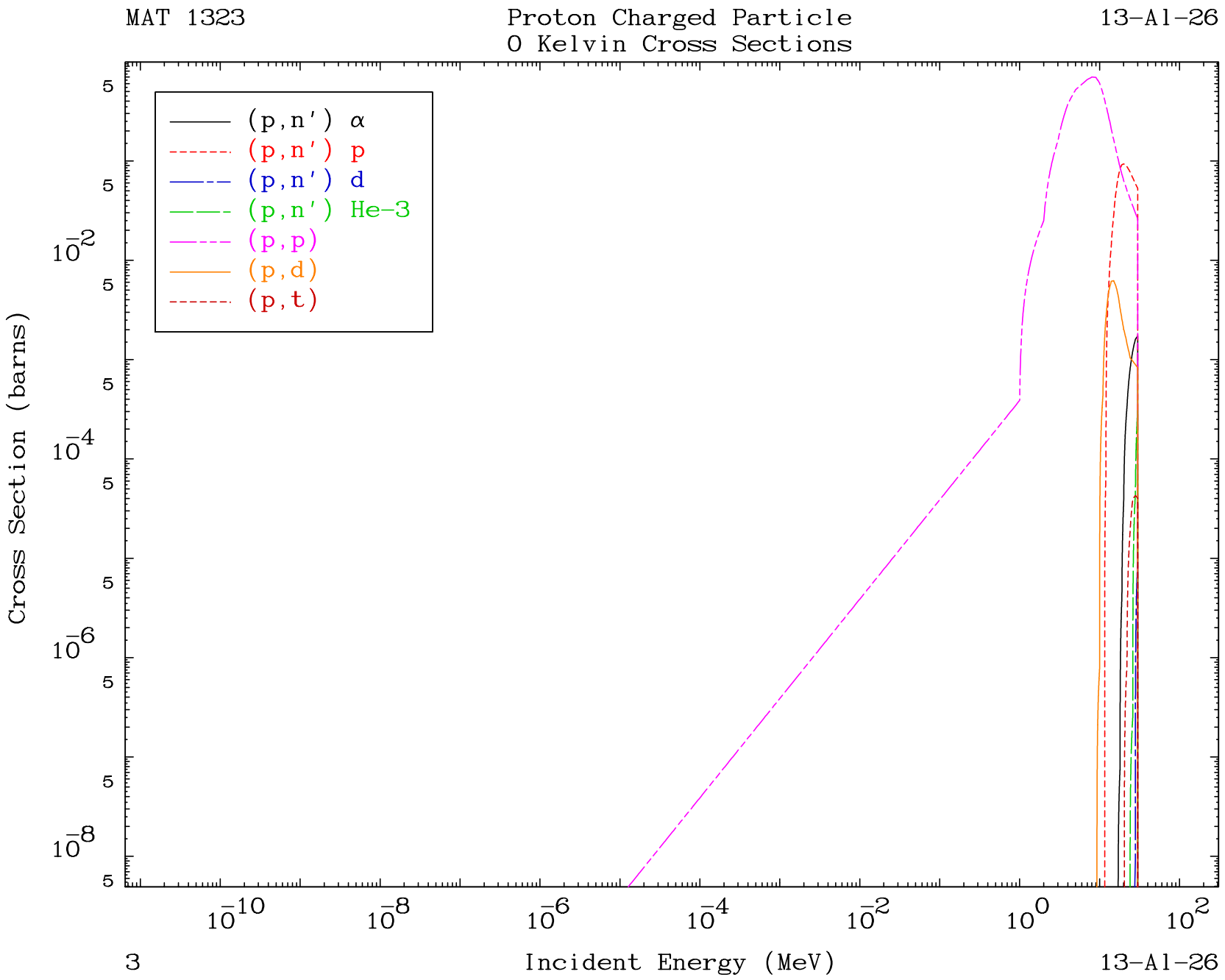
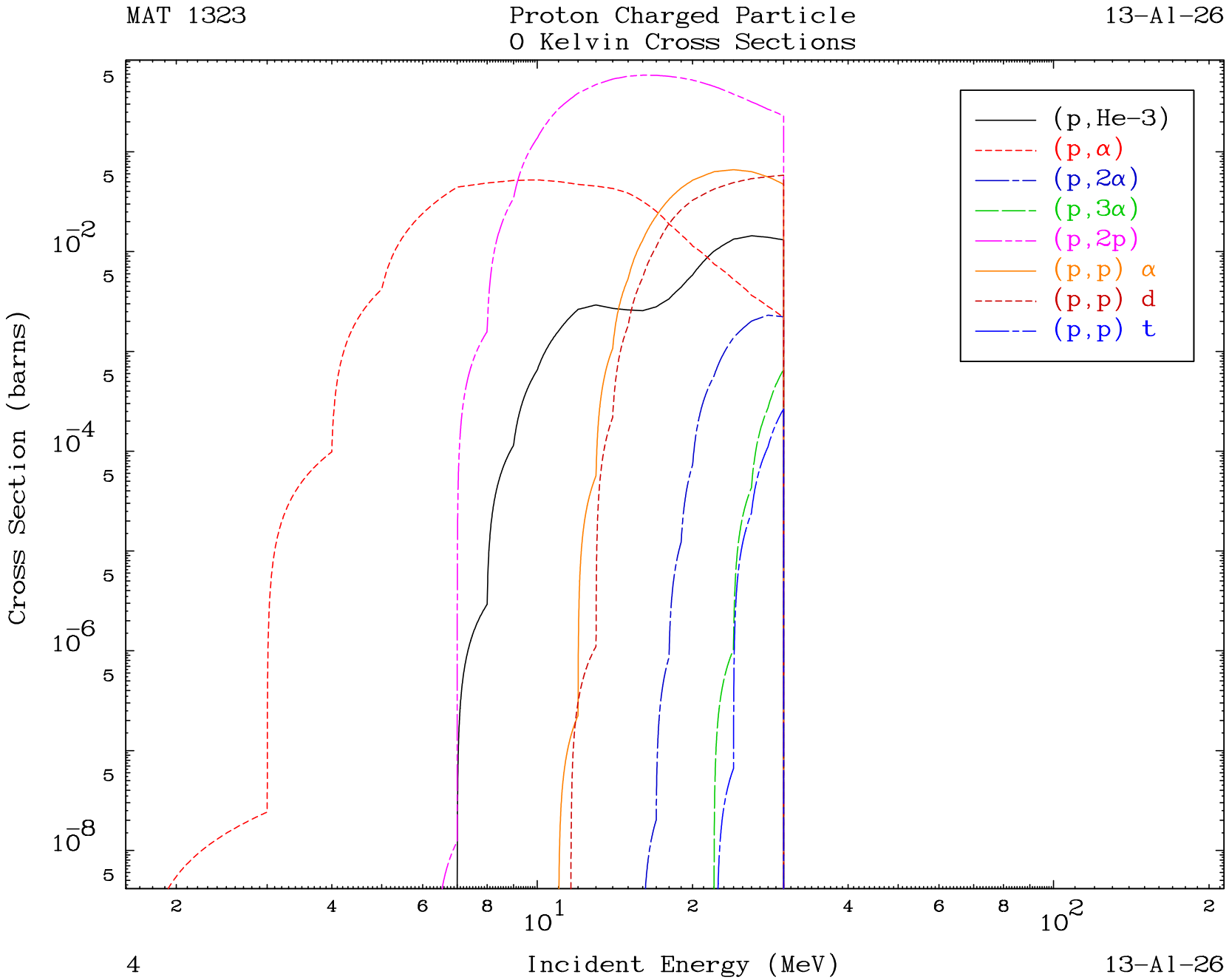
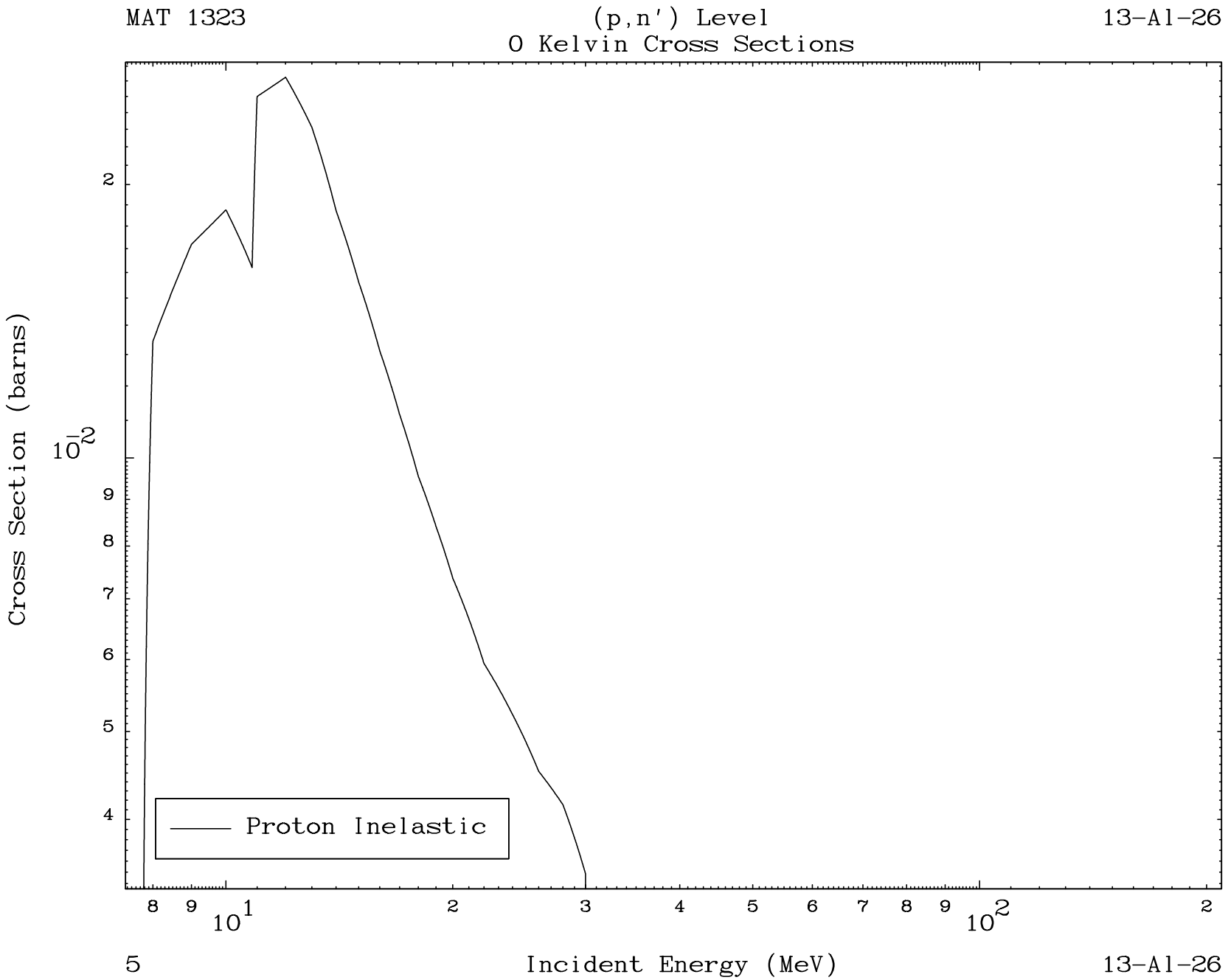
Press Mouse Button to Start

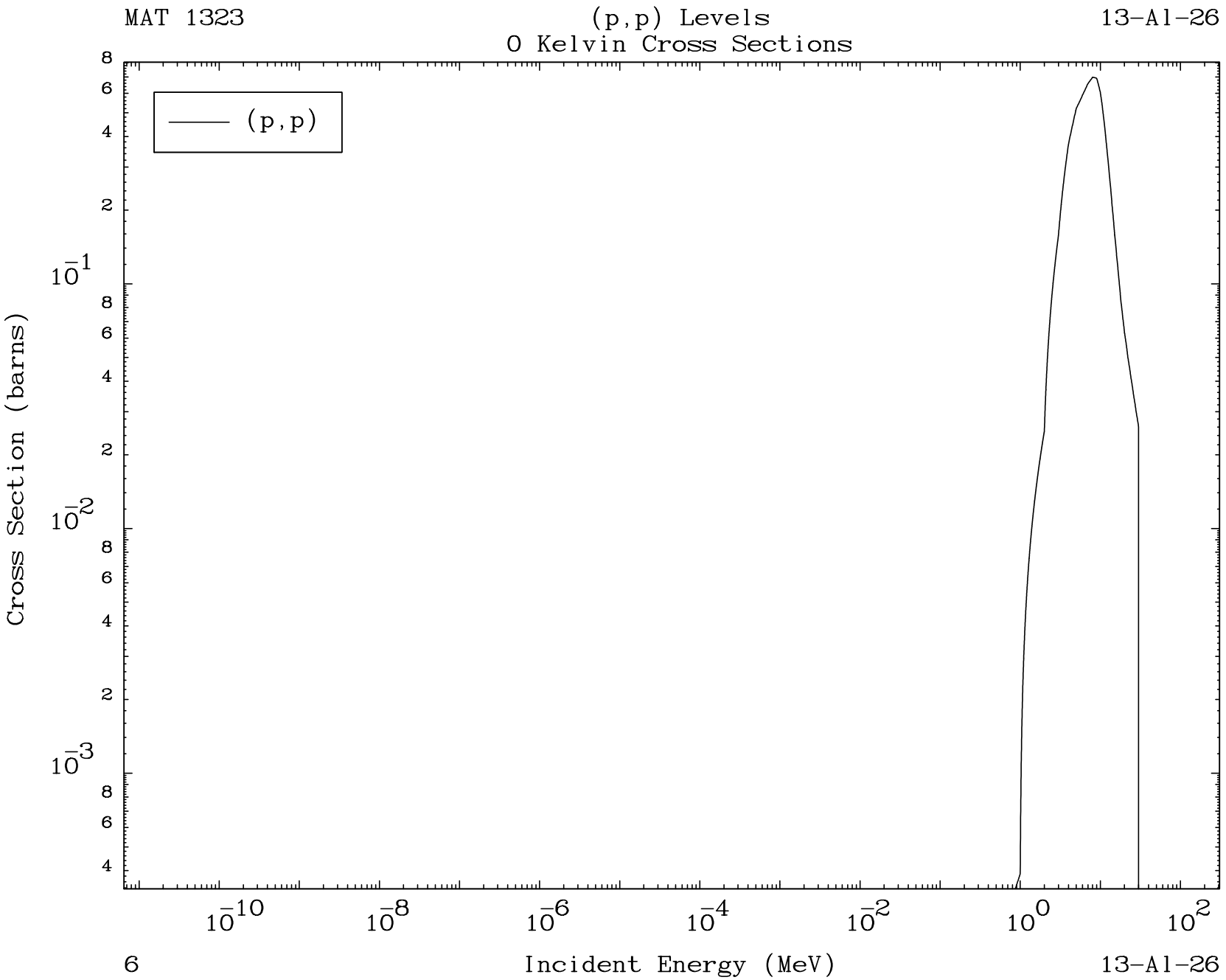

MAT 1323
Proton Major
13-Al-26
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
13-Al-26

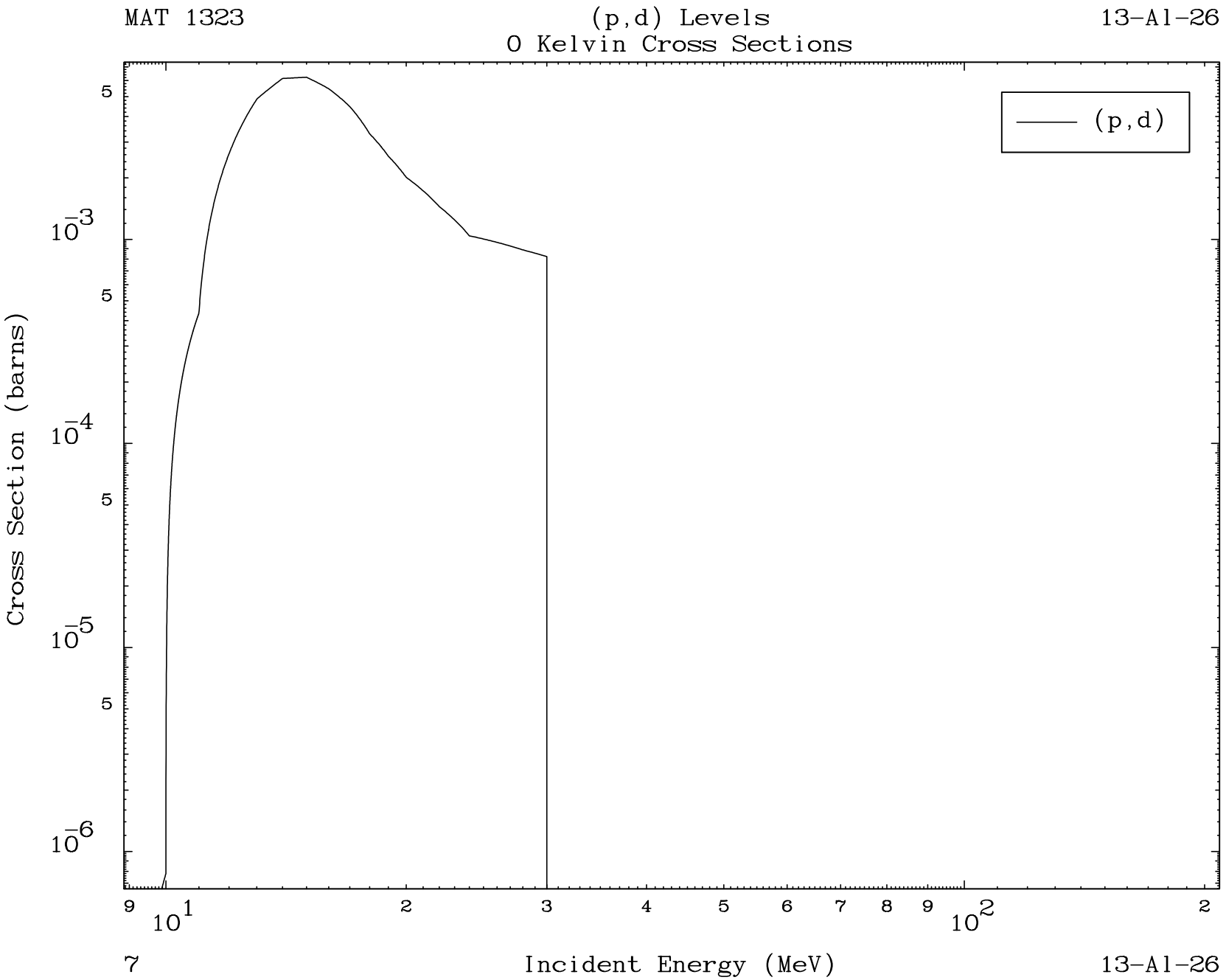

MAT 1323
Proton Neutron Production
0 Kelvin Cross Sections
13-Al-26
(p,2n)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
2
13-Al-26

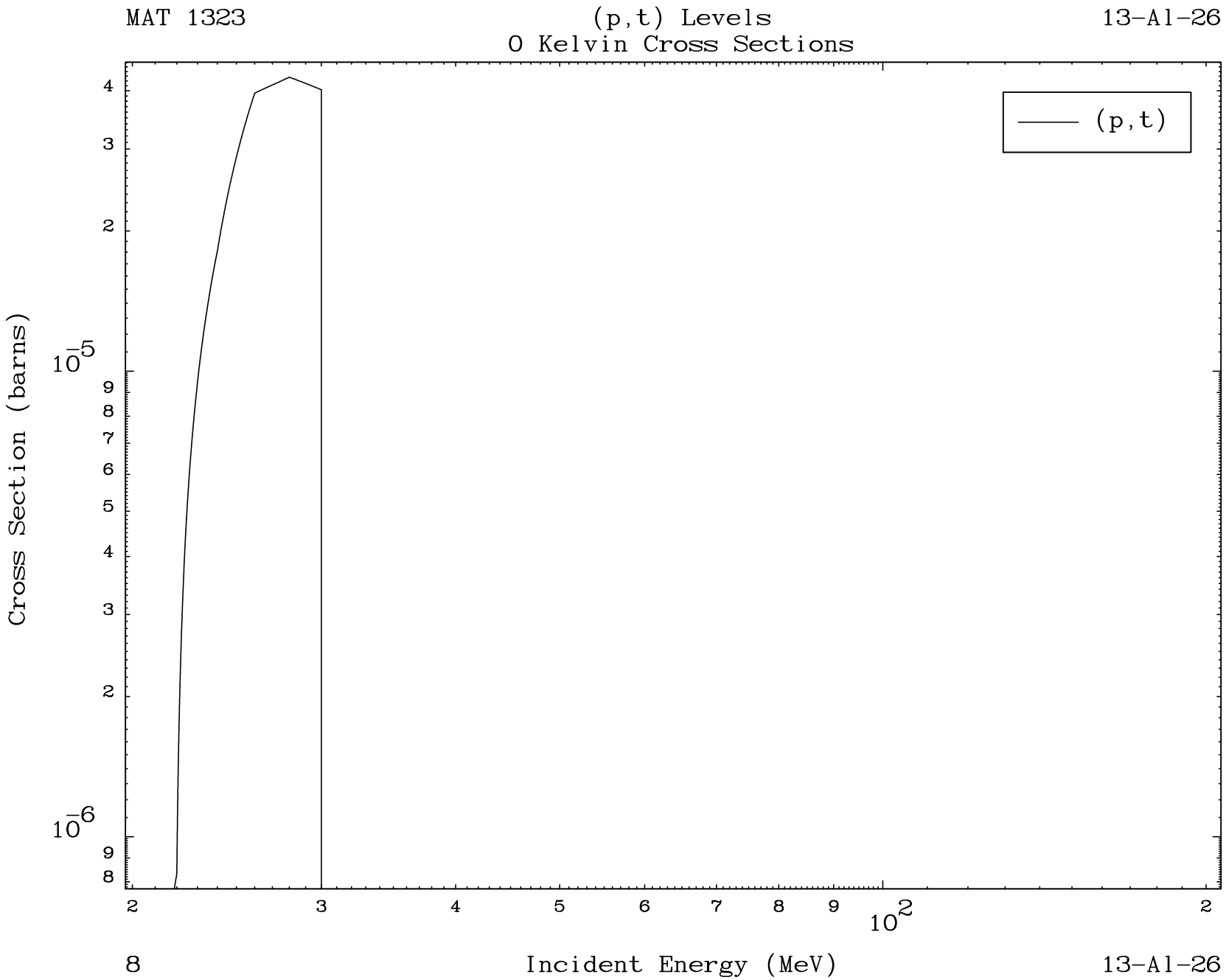

MAT 1323
Proton Charged Particle
0 Kelvin Cross Sections
13-Al-26
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,p)
(p,d)
(p,t)
Cross Section (barns)
Incident Energy (MeV)
3
13-Al-26

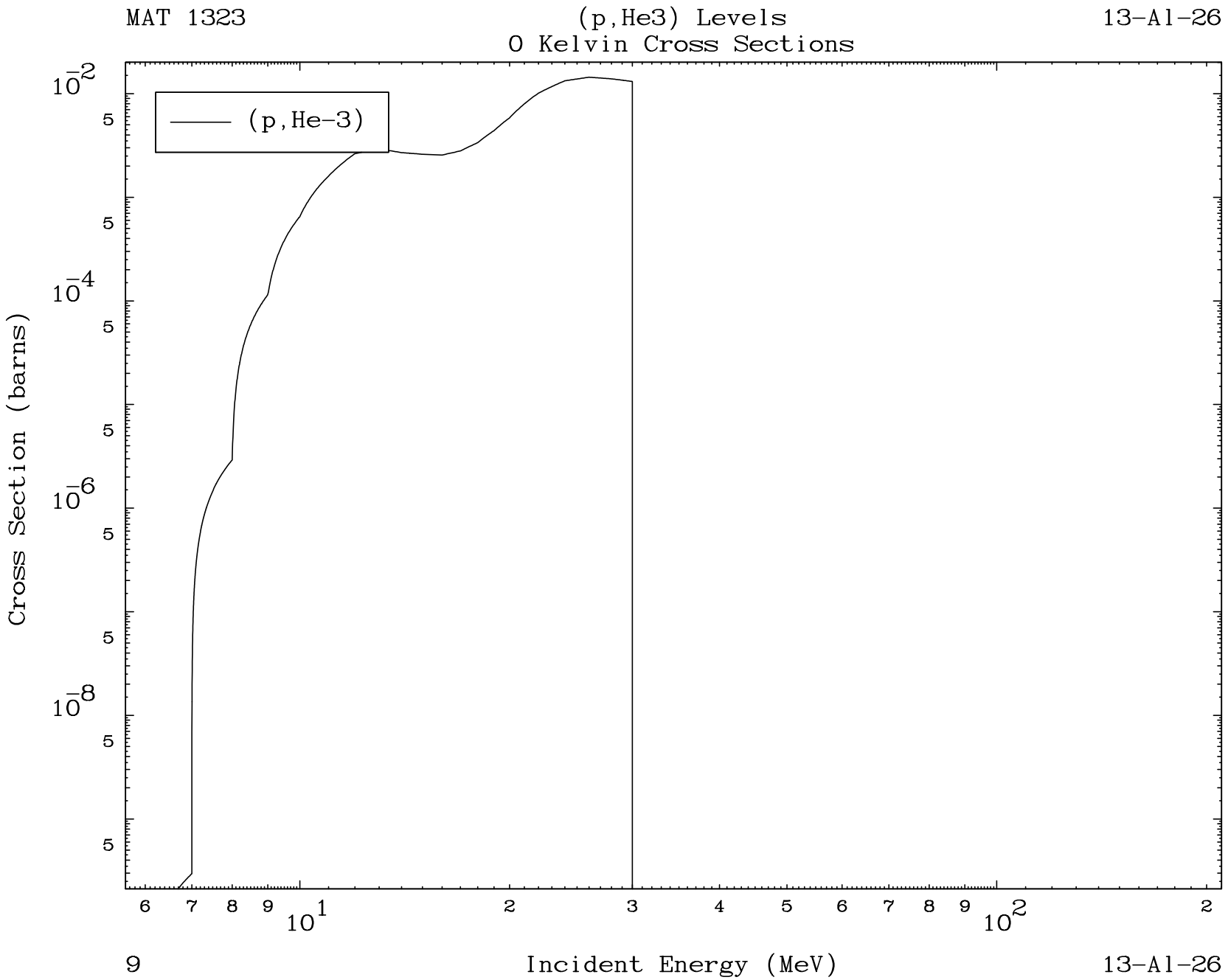

MAT 1323
Proton Charged Particle
0 Kelvin Cross Sections
13-Al-26
Cross Section (barns)
Incident Energy (MeV)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
4
13-Al-26

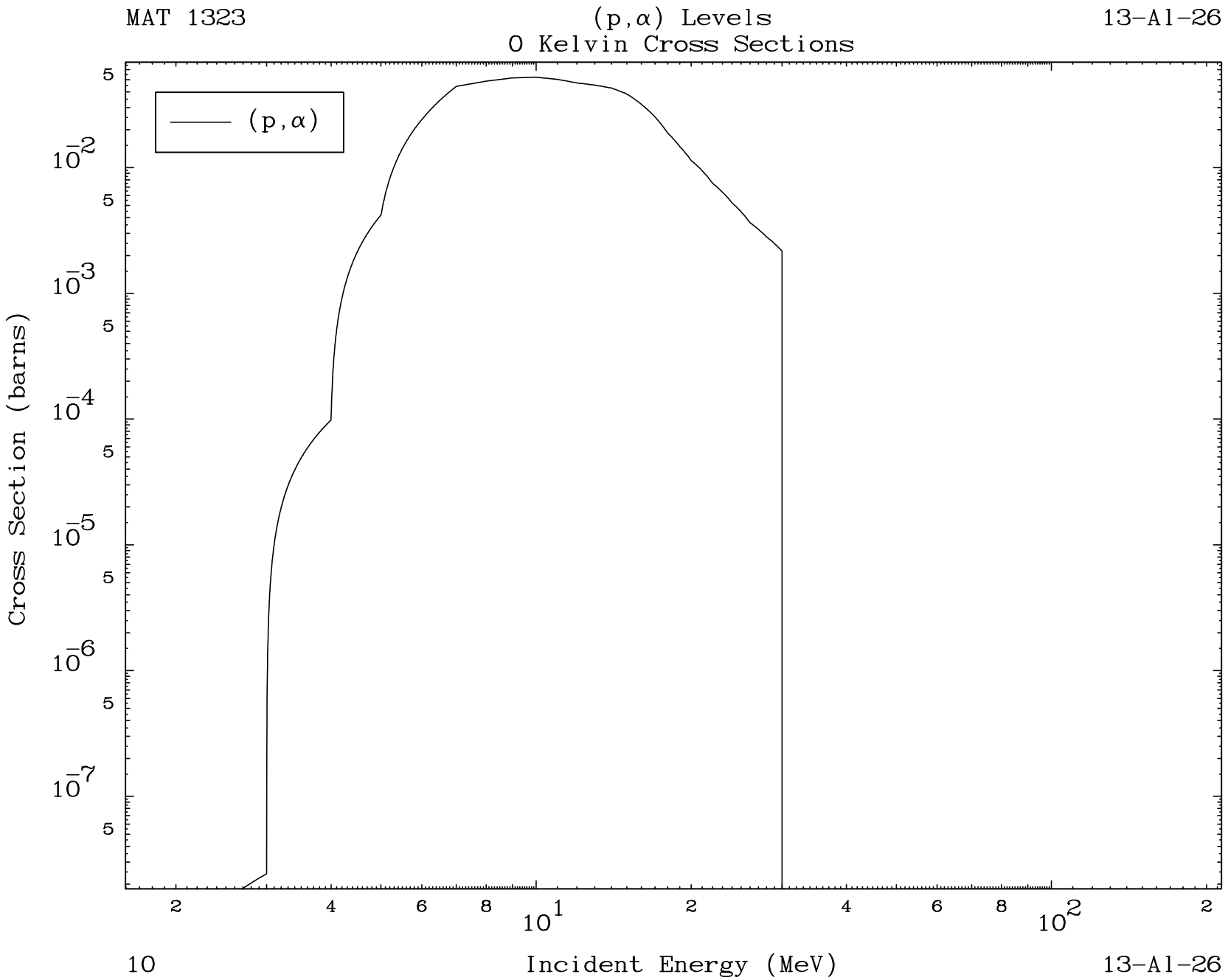

MAT 1323
(p,n') Level
13-Al-26
0 Kelvin Cross Sections
Cross Section (barns)
10^{-2}
2
9
8
7
6
5
4
Proton Inelastic
8 9 10^{1} 2 3 4 5 6 7 8 9 10^{2} 2
Incident Energy (MeV)
5
13-Al-26

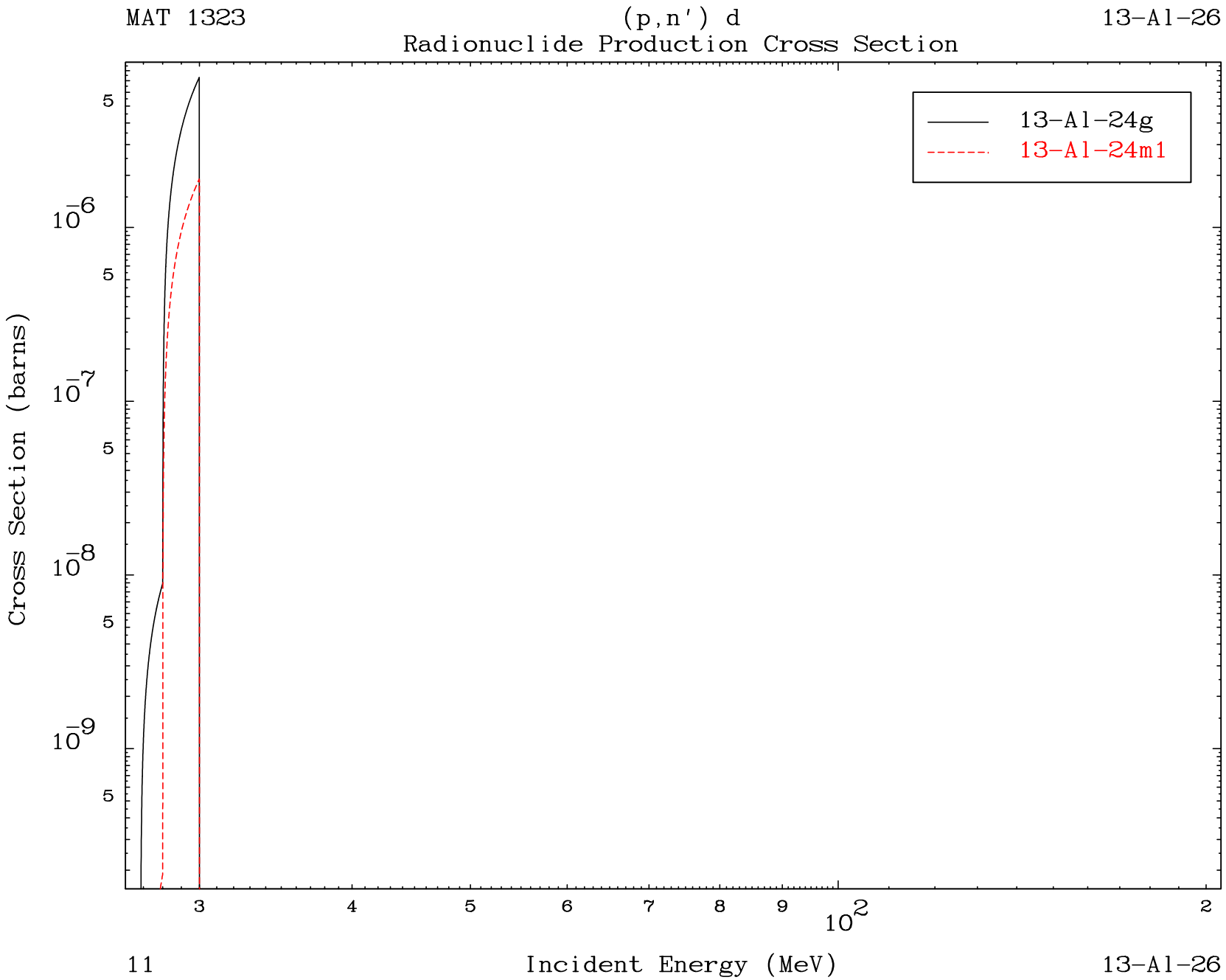

MAT 1323
(p,p) Levels
13-Al-26
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
13-Al-26


MAT 1323
(p,d) Levels
13-Al-26
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-3
10-4
10-5
10-6
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
13-Al-26

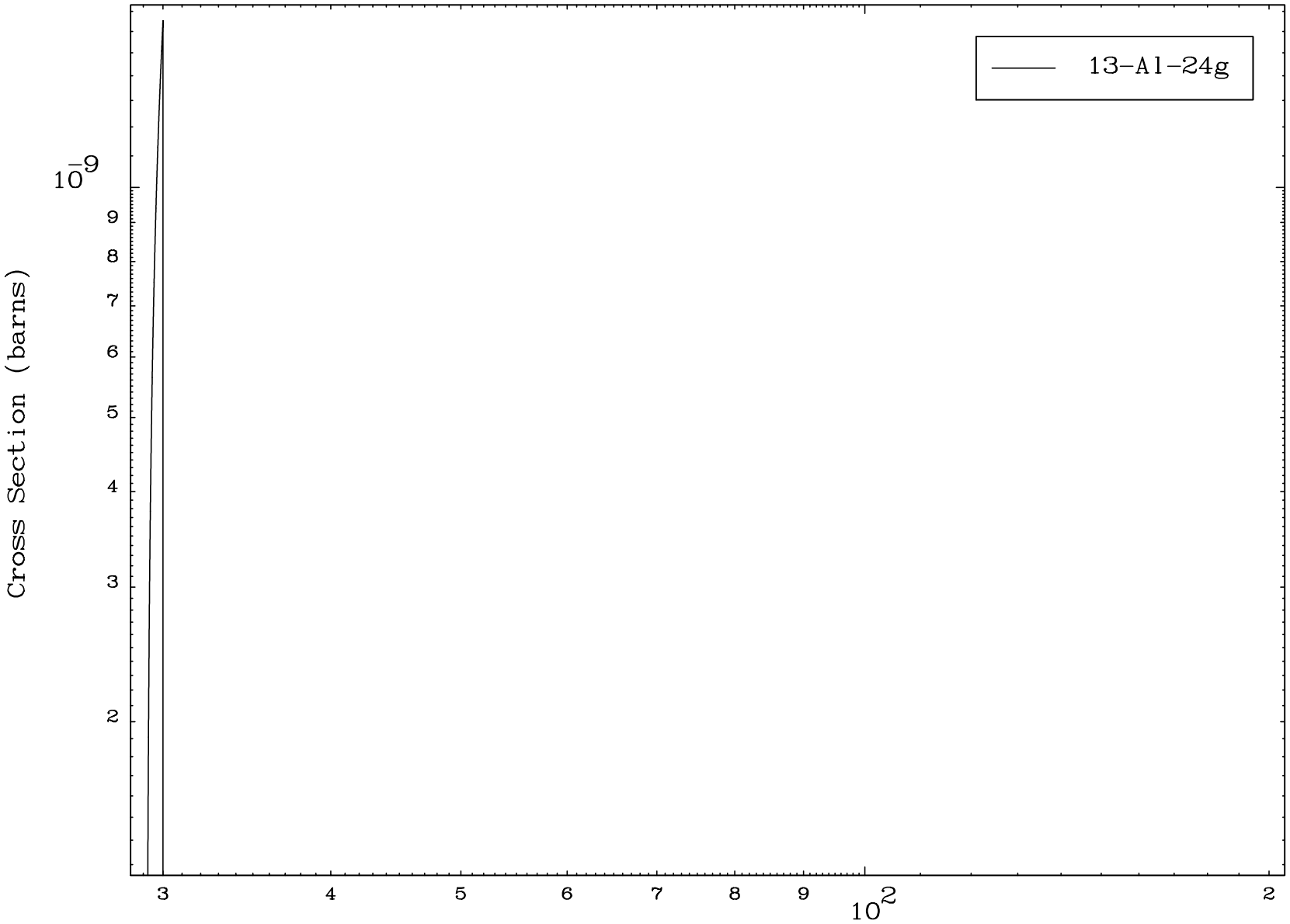

MAT 1323
(p,t) Levels
13-Al-26
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-5
10-6
4
3
2
9
8
7
6
5
4
3
2
9
8
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
13-Al-26

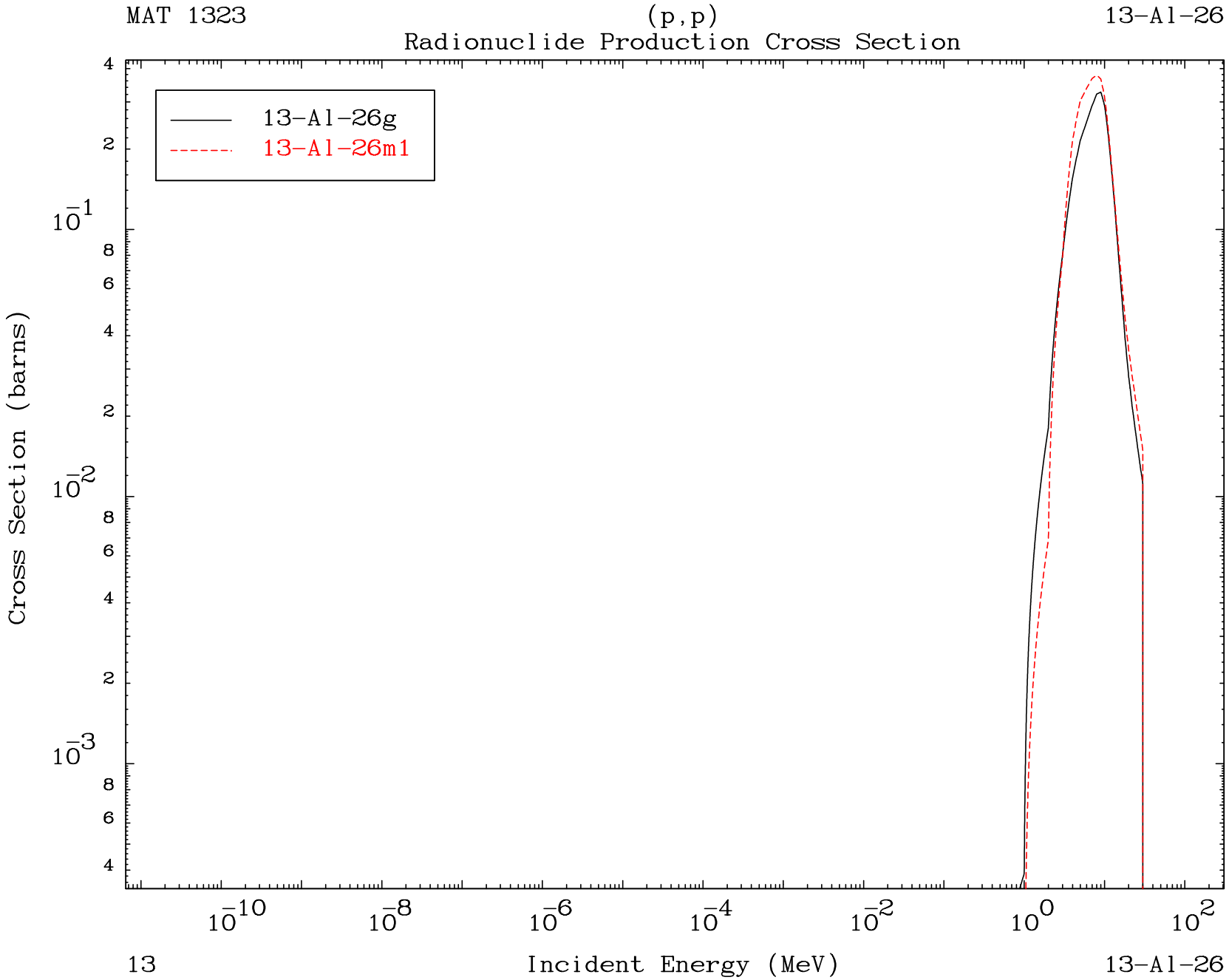

MAT 1323
(p,He3) Levels
13-Al-26
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
13-Al-26

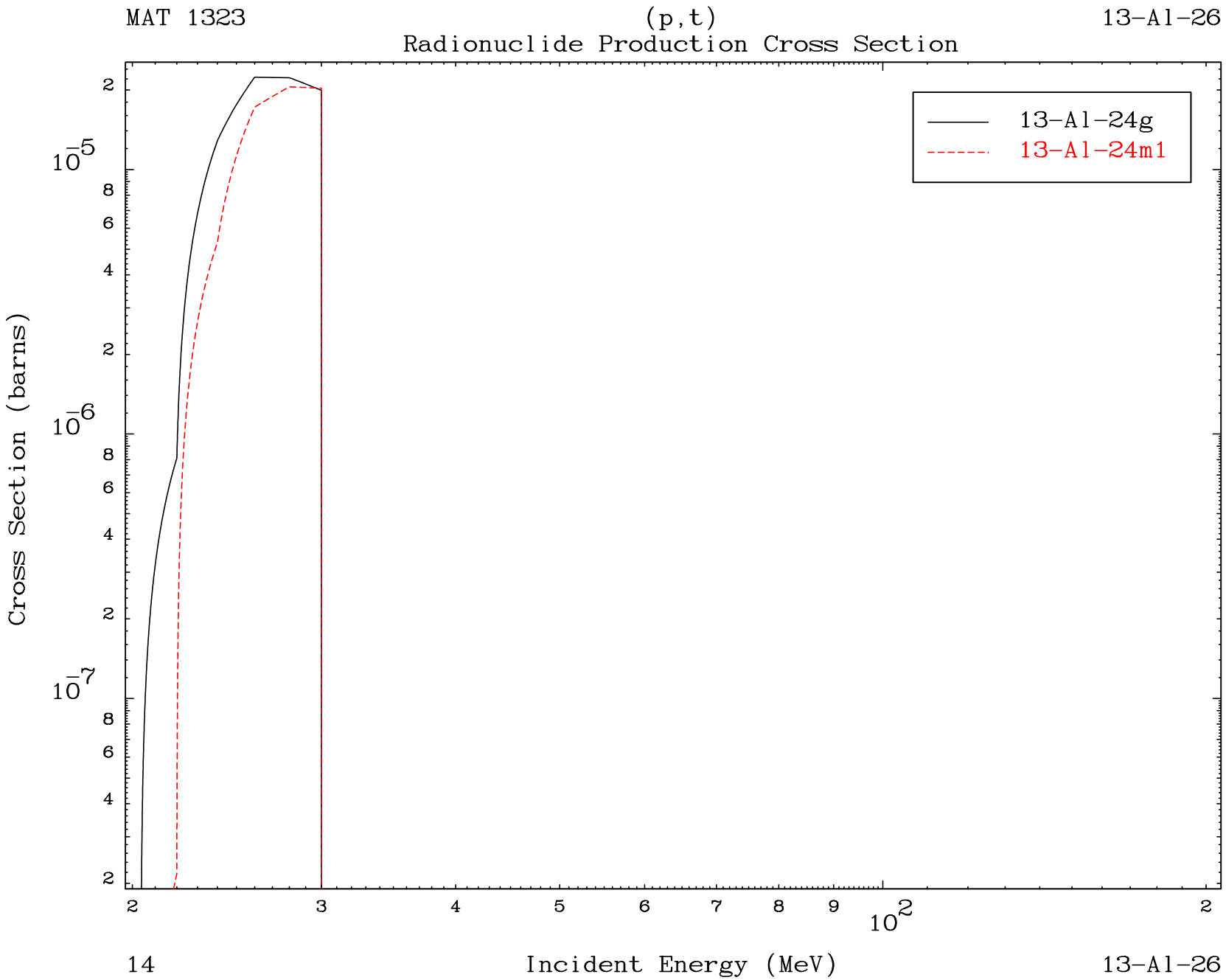

MAT 1323
(p,α) Levels
13-Al-26
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
13-Al-26


MAT 1323
(p,n') d
13-Al-26
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
10-6
10-7
10-8
10-9
5
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
13-Al-26

Radionuclide Production Cross Section




MAT 1323
(p,p)
13-Al-26
Radionuclide Production Cross Section
13-Al-26g
13-Al-26m1
Cross Section (barns)
Incident Energy (MeV)
13
13-Al-26


MAT 1323
(p,t)
13-Al-26
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
Incident Energy (MeV)
14
13-Al-26