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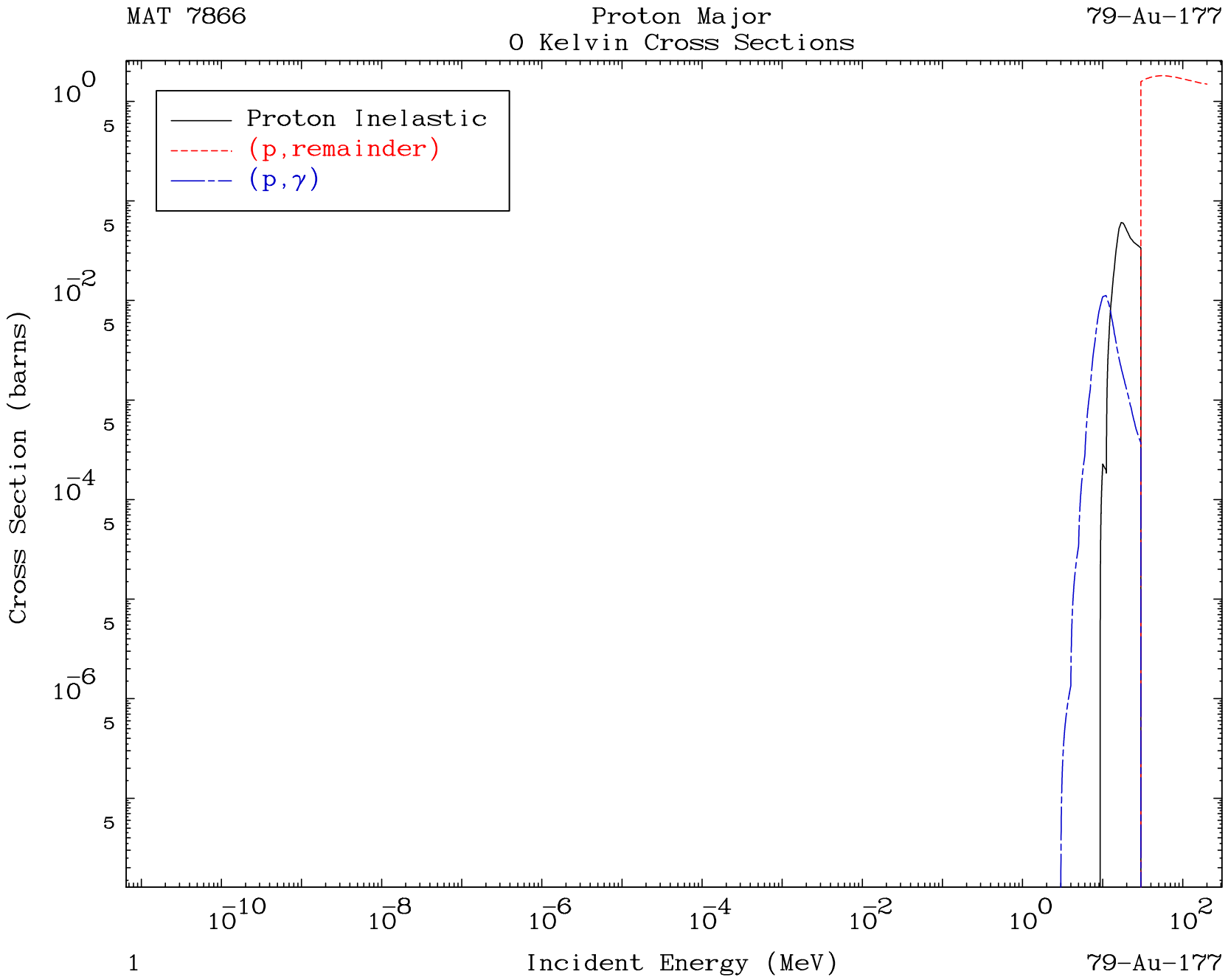
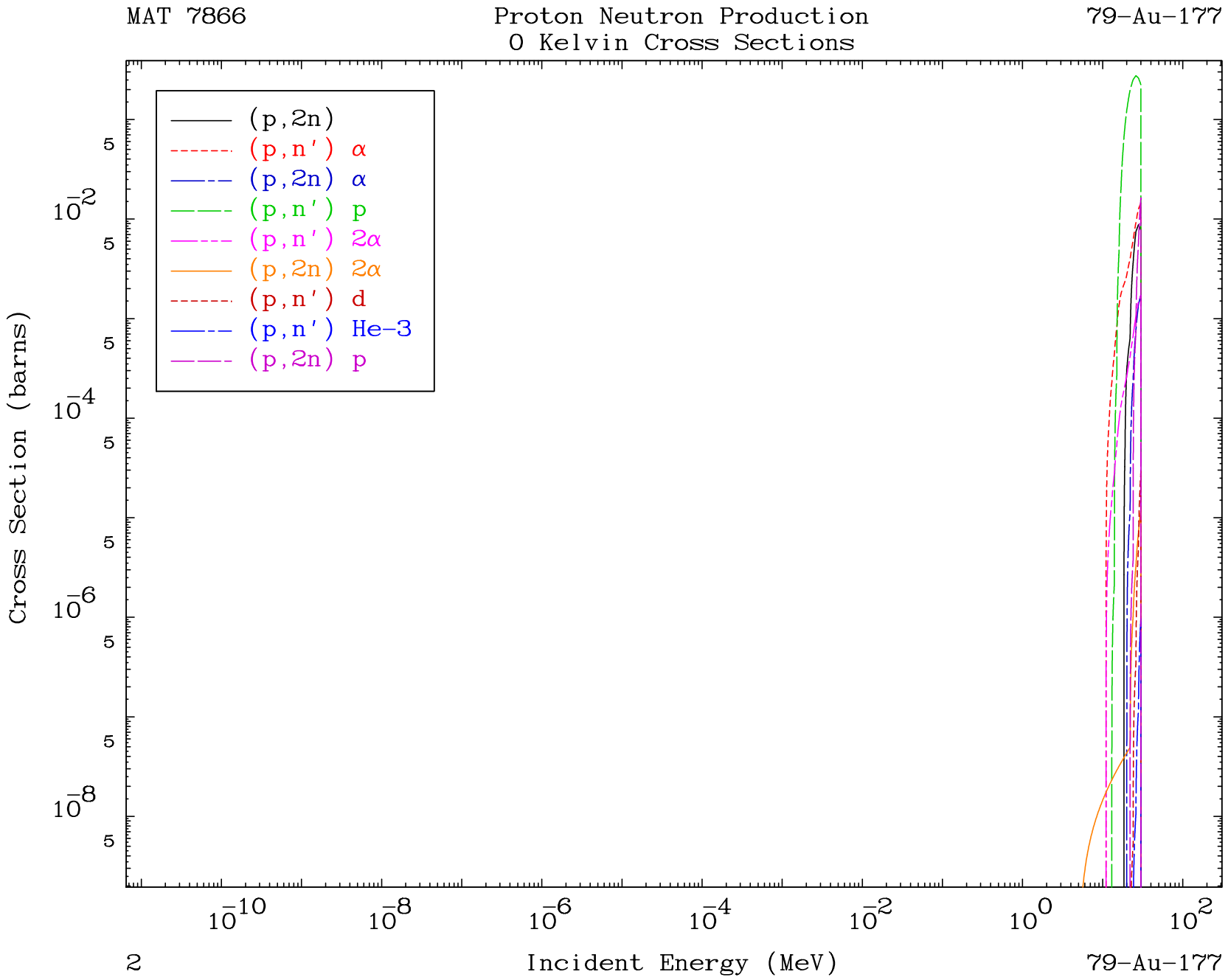
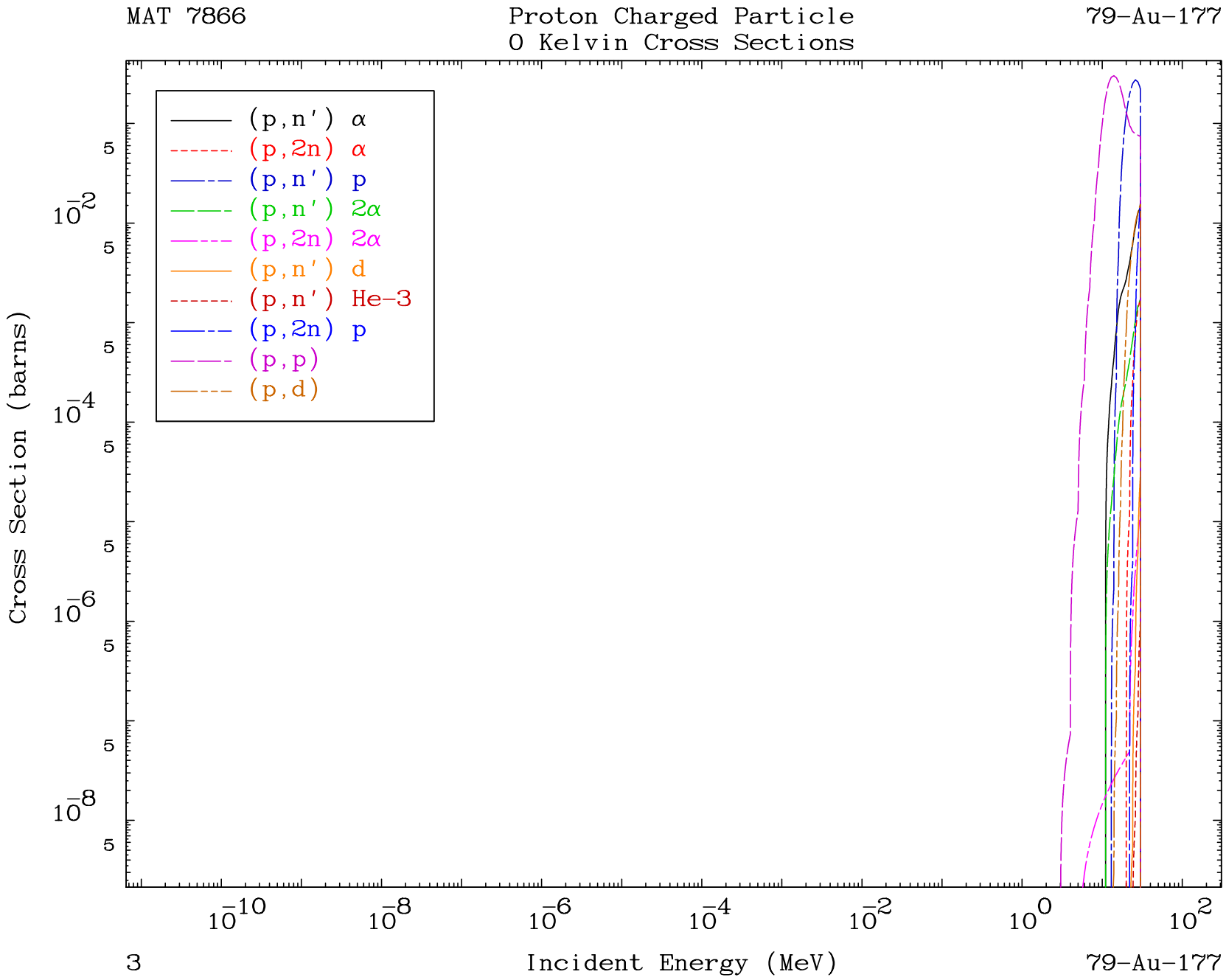
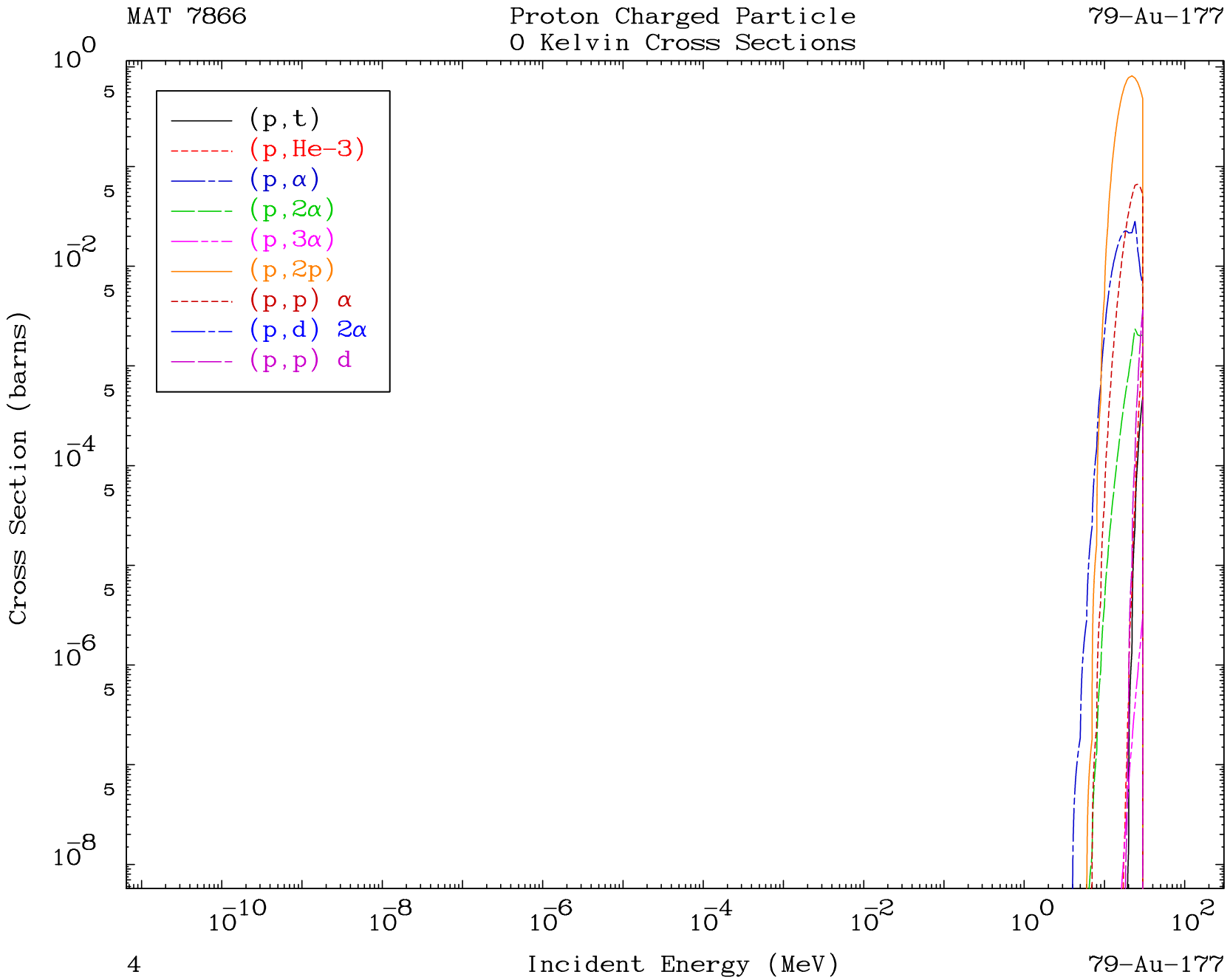
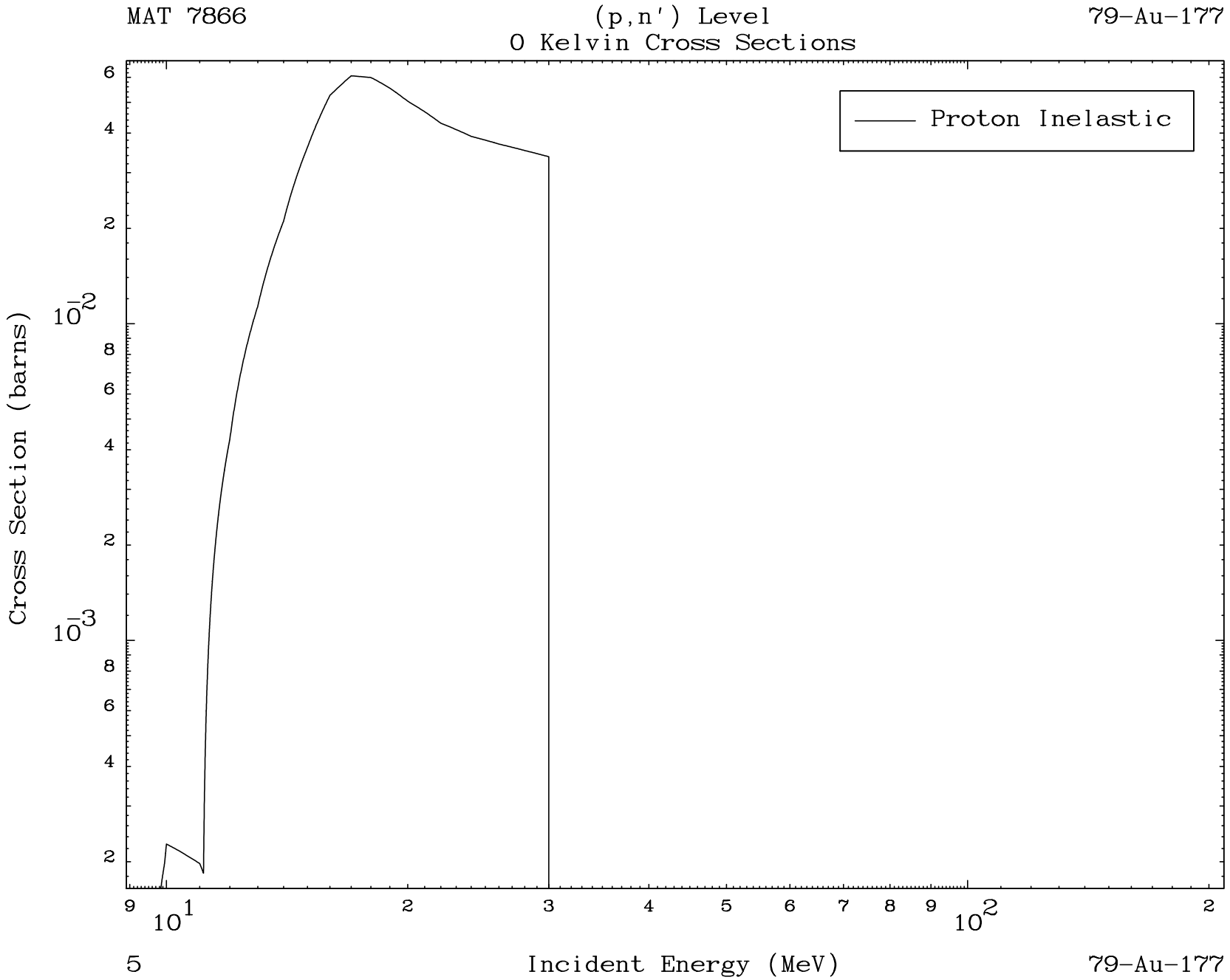
Press Mouse Button to Start

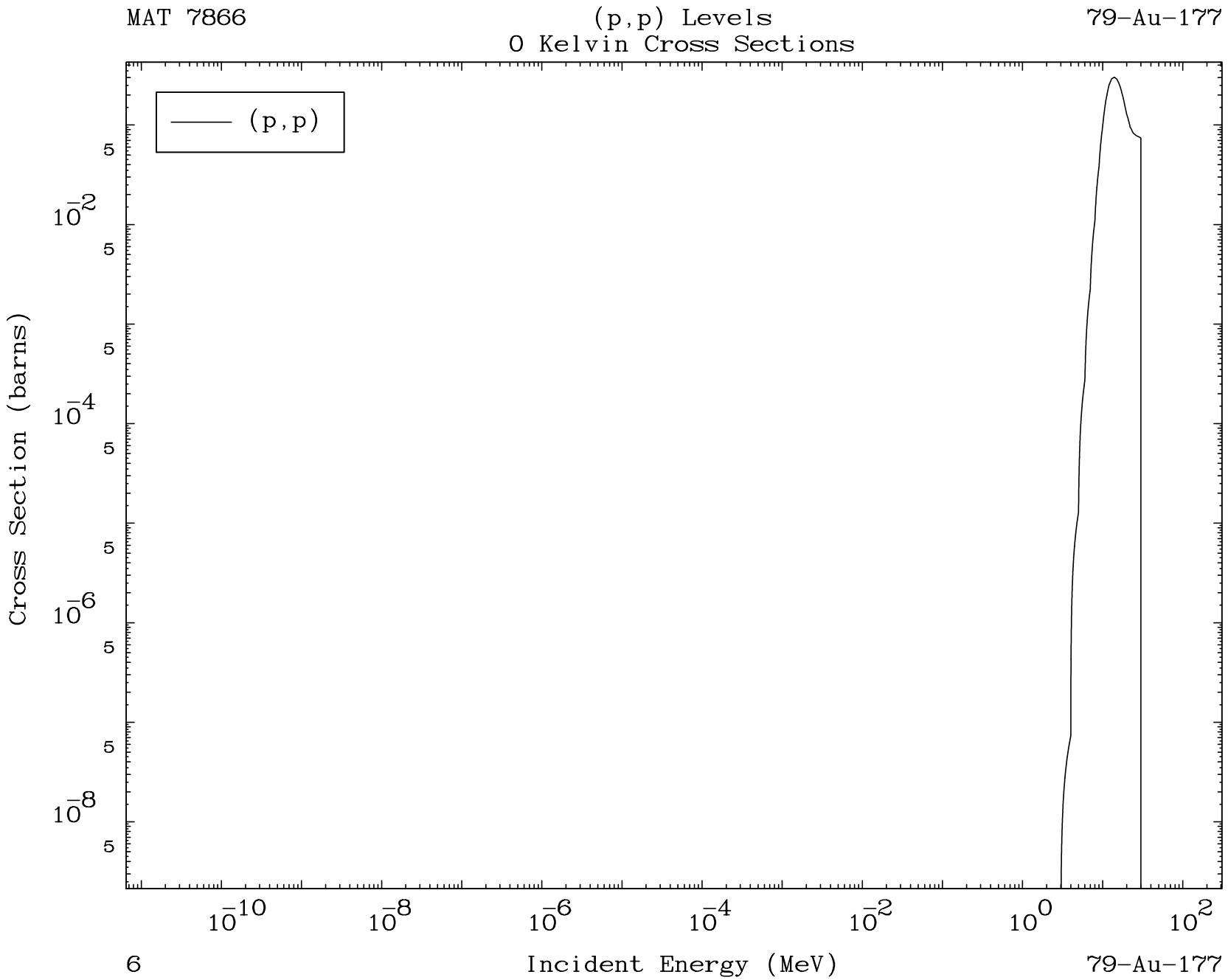

MAT 7866
Proton Major
79-Au-177
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-177
1

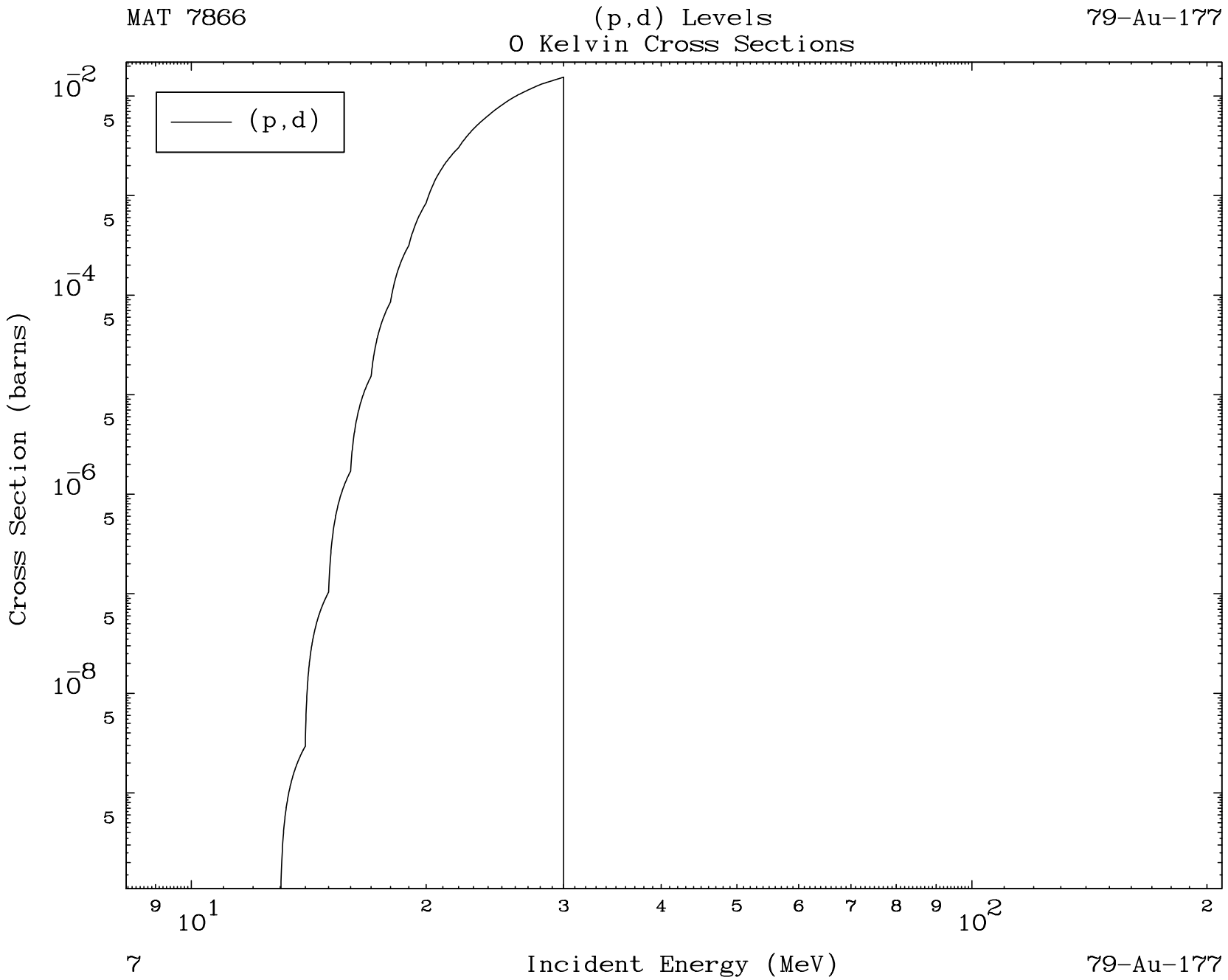

MAT 7866
Proton Neutron Production
0 Kelvin Cross Sections
79-Au-177
(p,2n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
2
79-Au-177

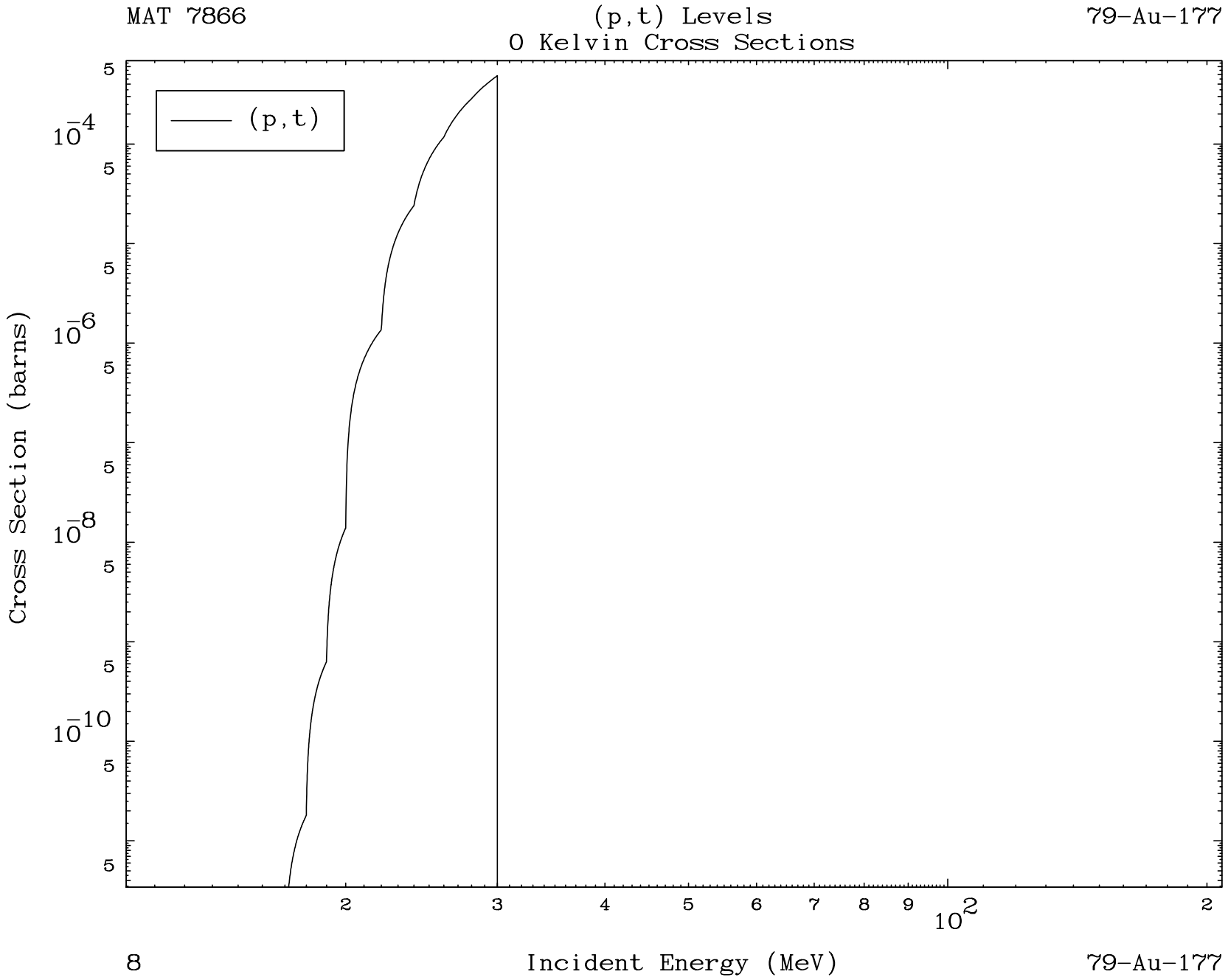

MAT 7866
Proton Charged Particle
0 Kelvin Cross Sections
79-Au-177
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-177

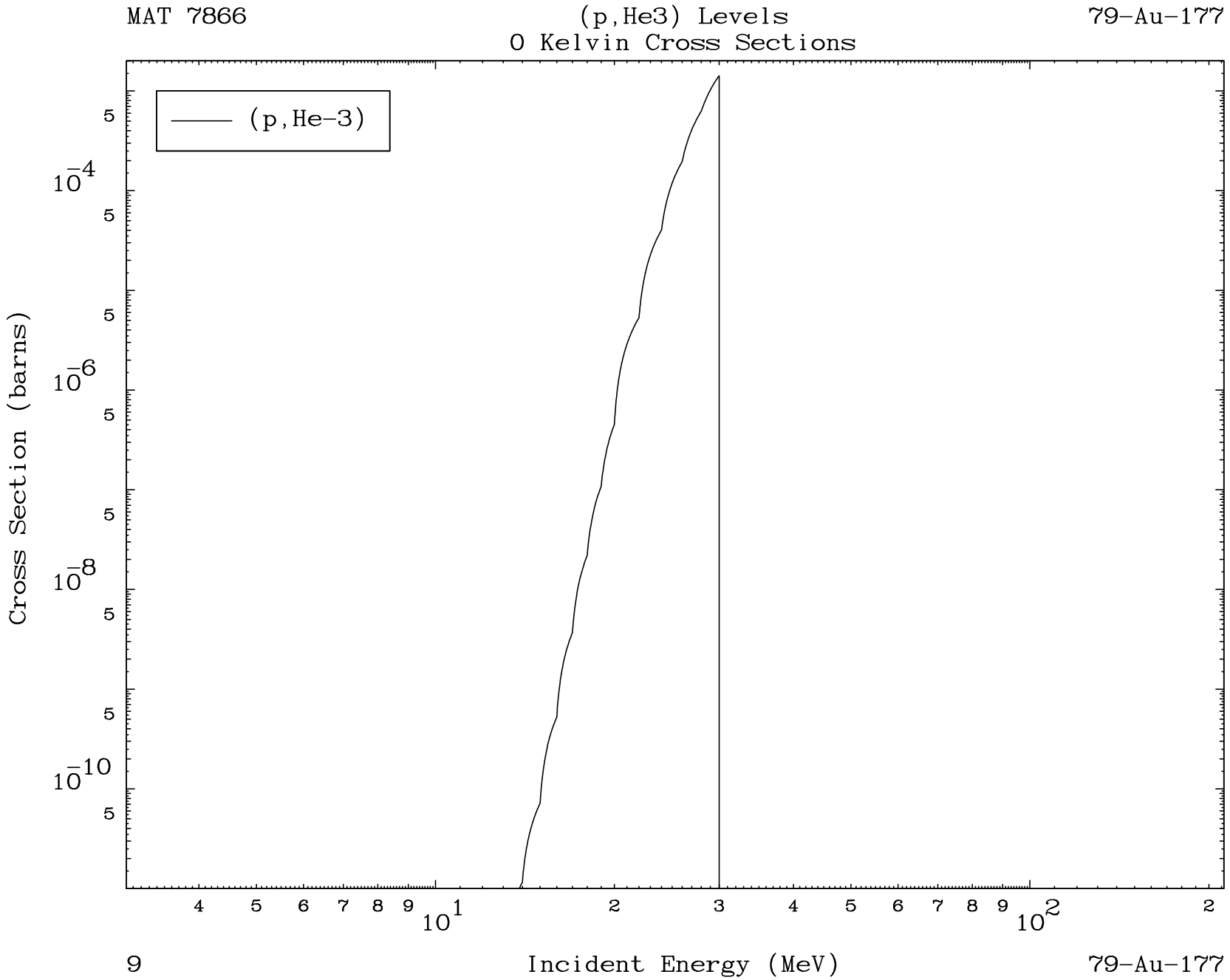

MAT 7866
Proton Charged Particle
0 Kelvin Cross Sections
79-Au-177
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,d) 2α
(p,p) d
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-177

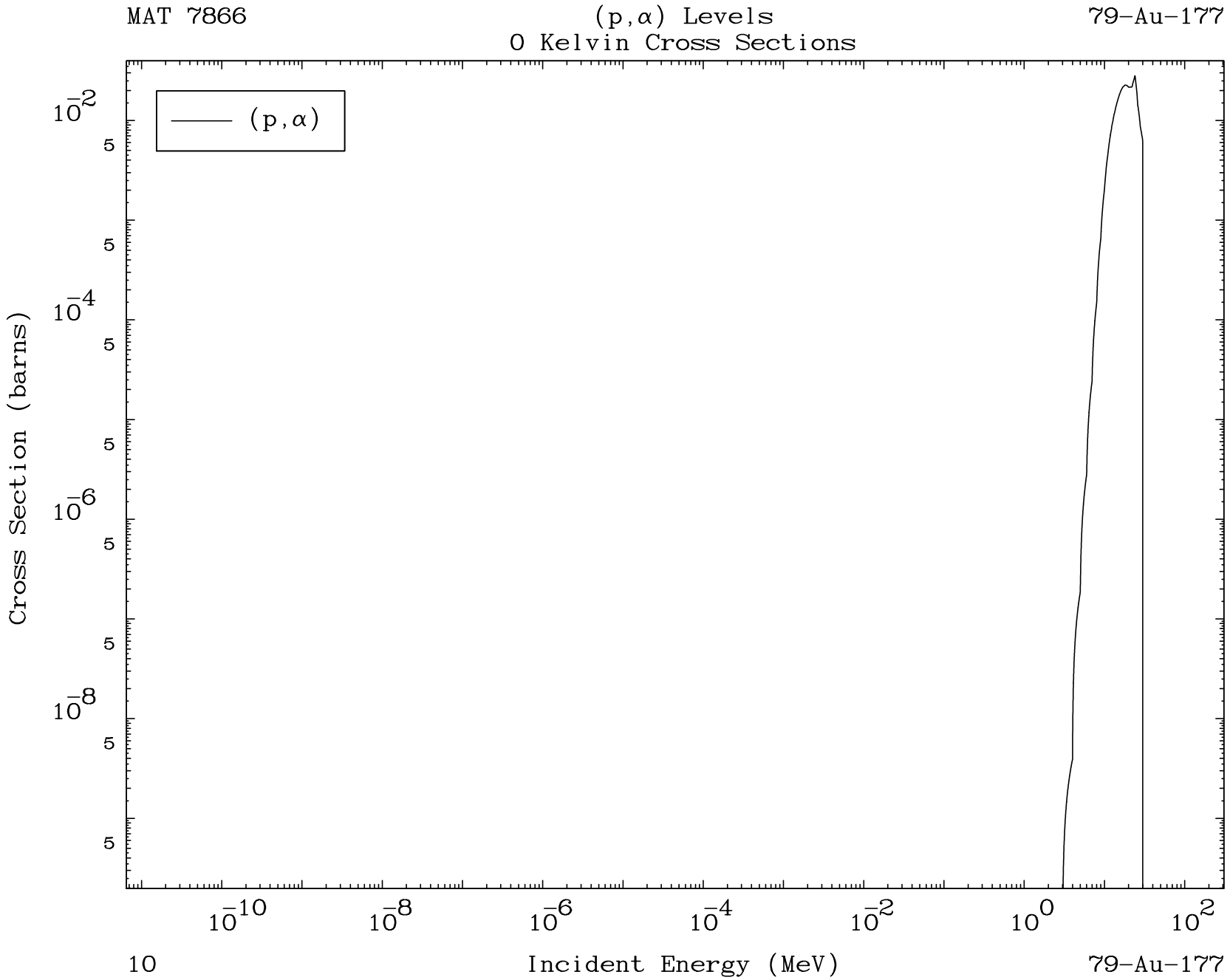

MAT 7866
(p,n') Level
79-Au-177
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
79-Au-177
5

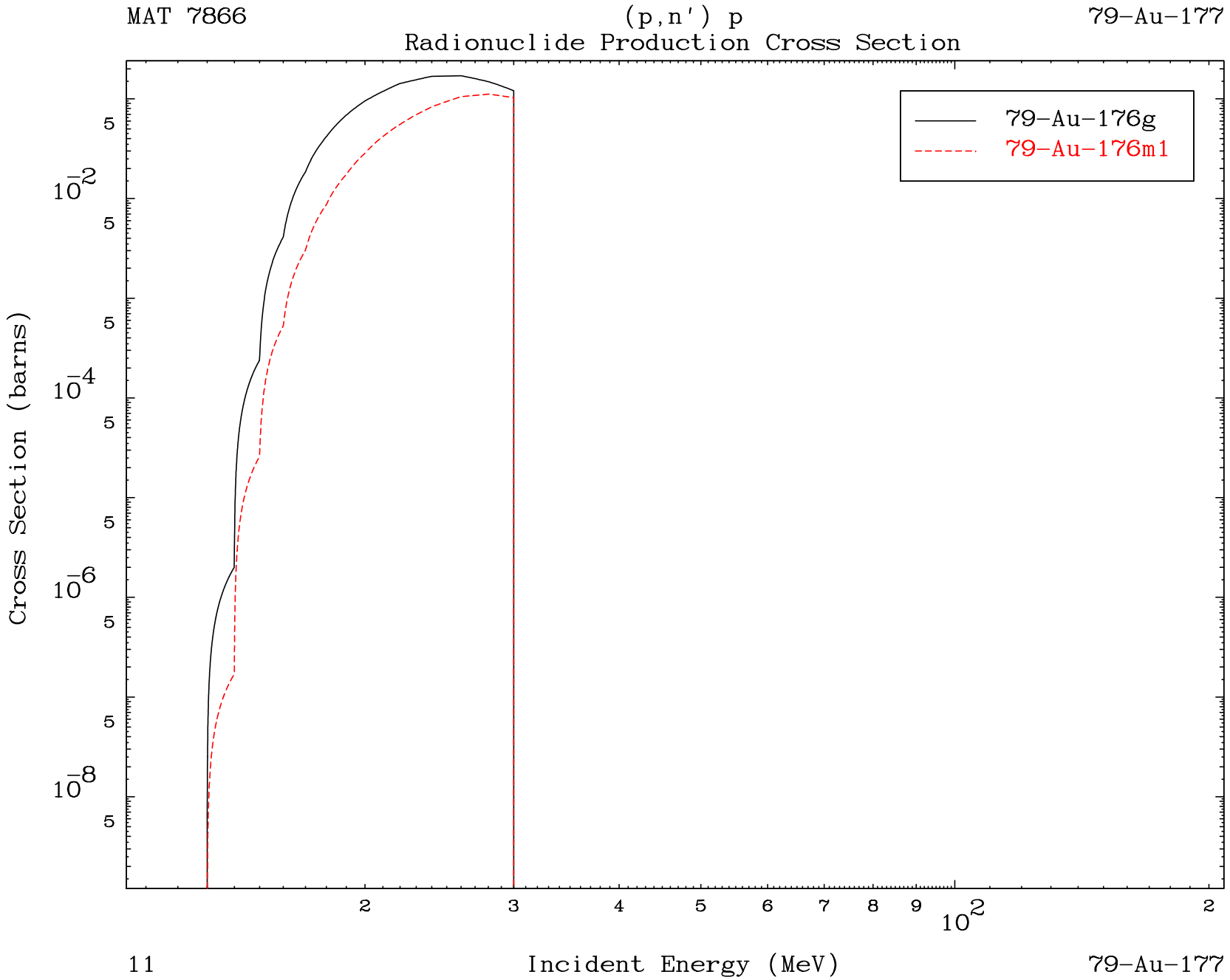

MAT 7866
(p,p) Levels
79-Au-177
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-177

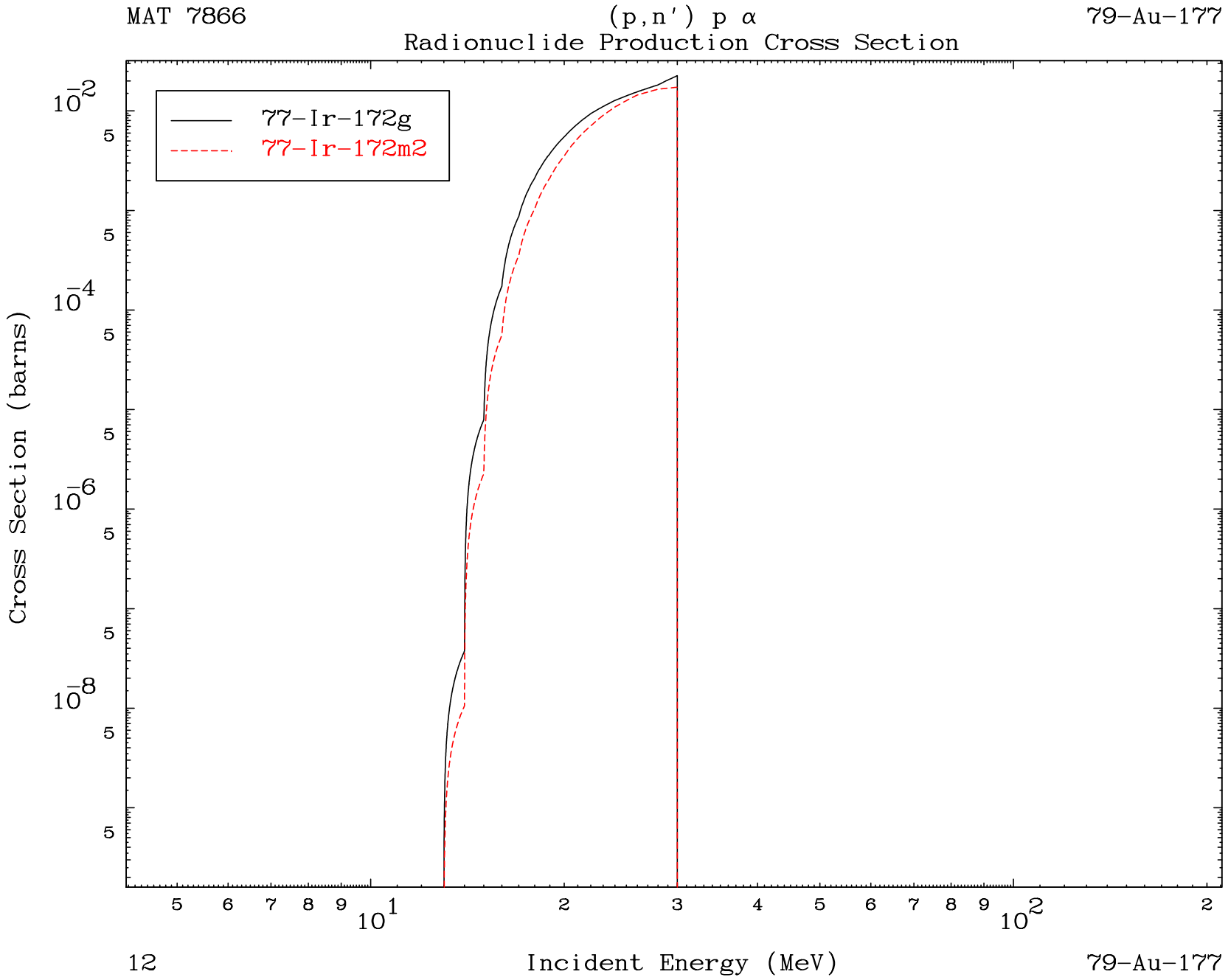

MAT 7866
(p,d) Levels
79-Au-177
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
79-Au-177
7

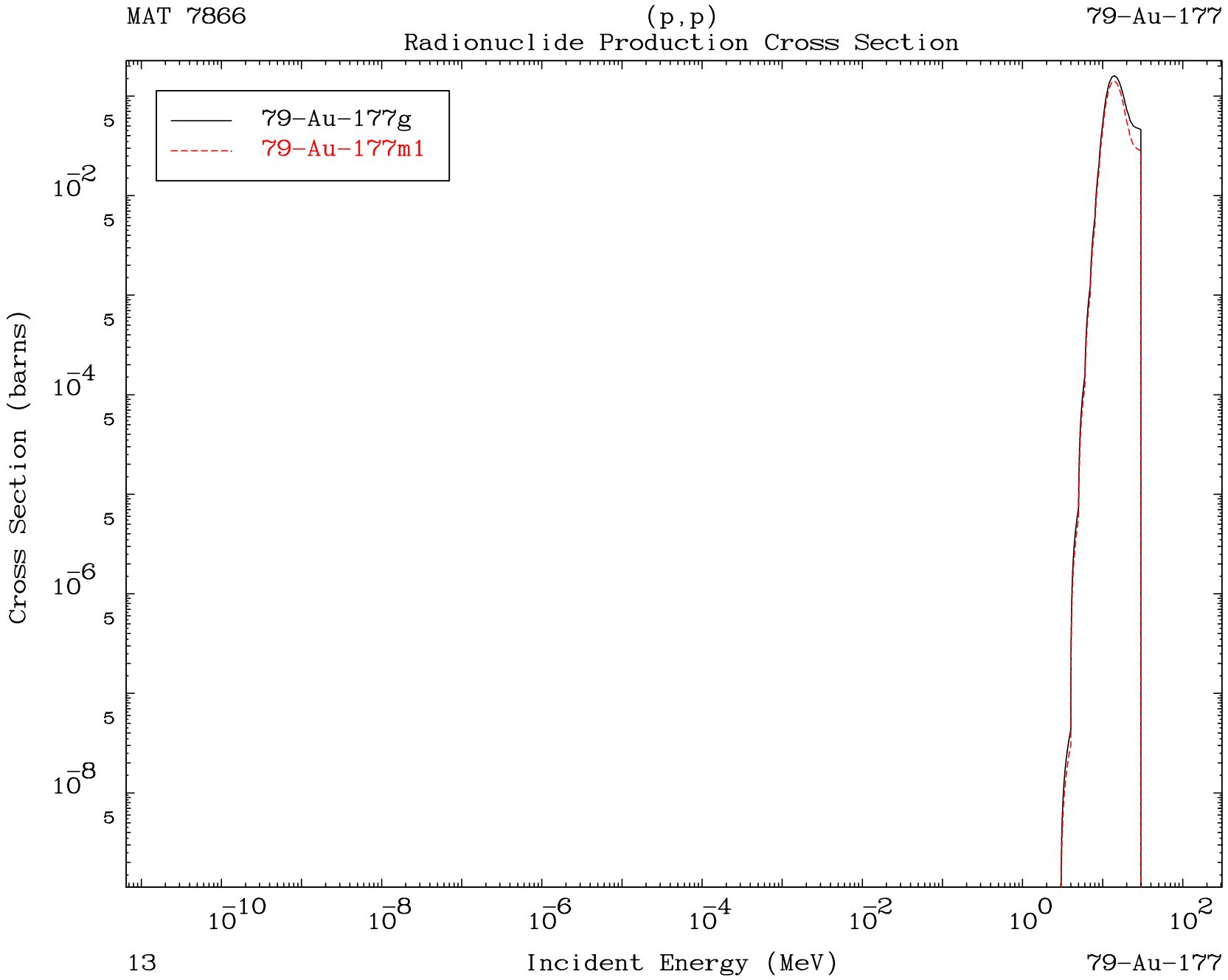

MAT 7866
(p,t) Levels
79-Au-177
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
8
79-Au-177

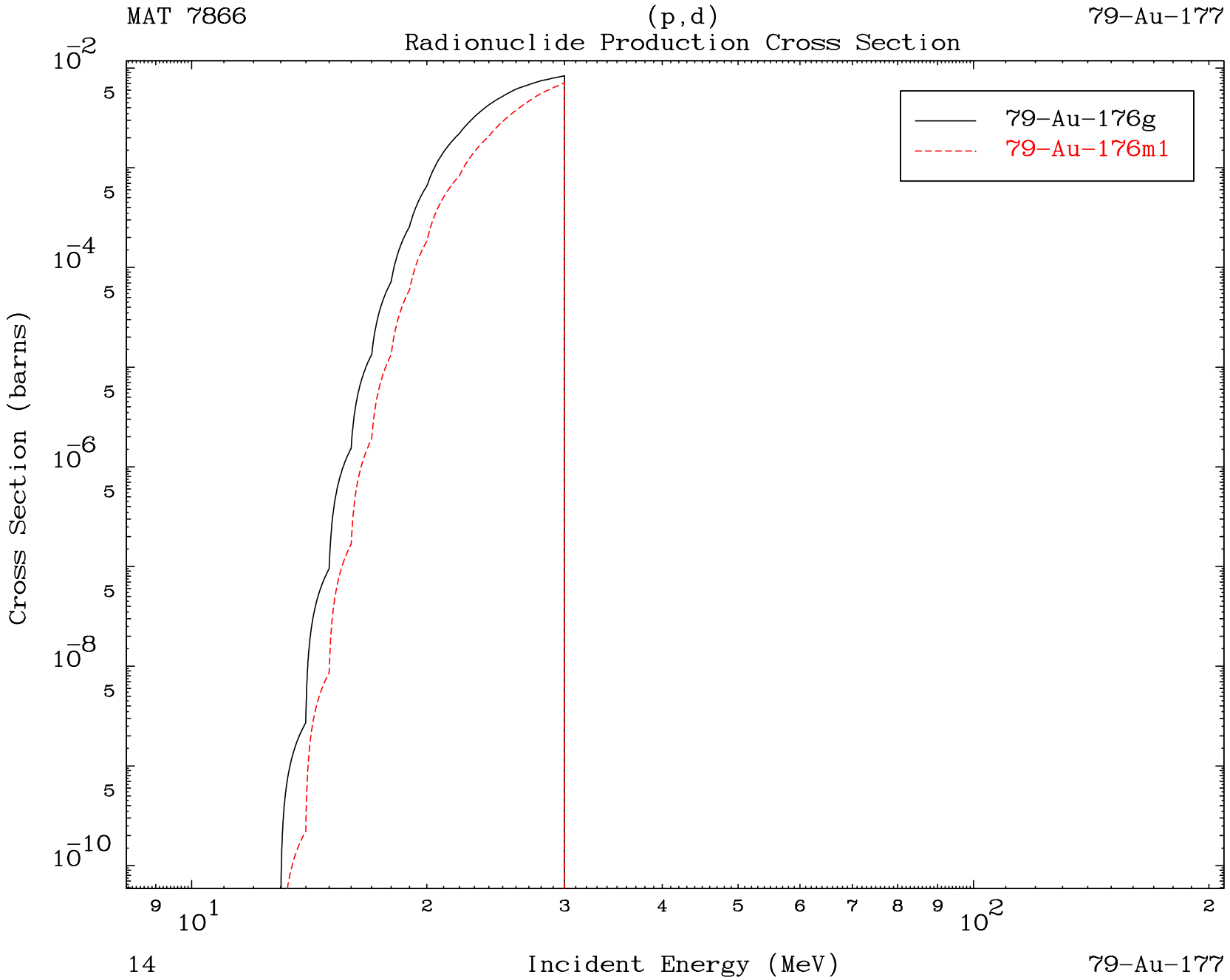

MAT 7866
(p,He3) Levels
79-Au-177
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
9
79-Au-177

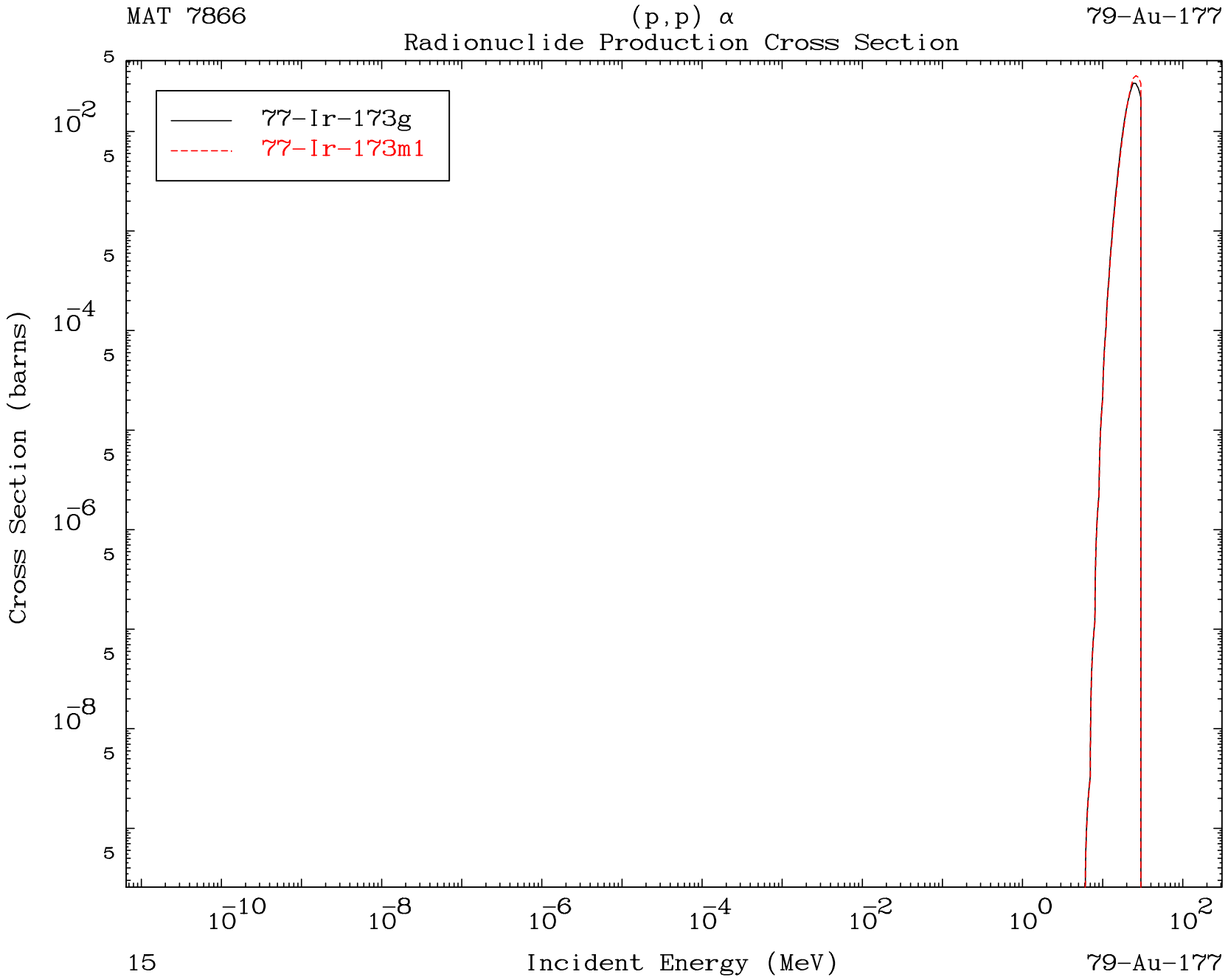

MAT 7866
(p,α) Levels
79-Au-177
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
79-Au-177

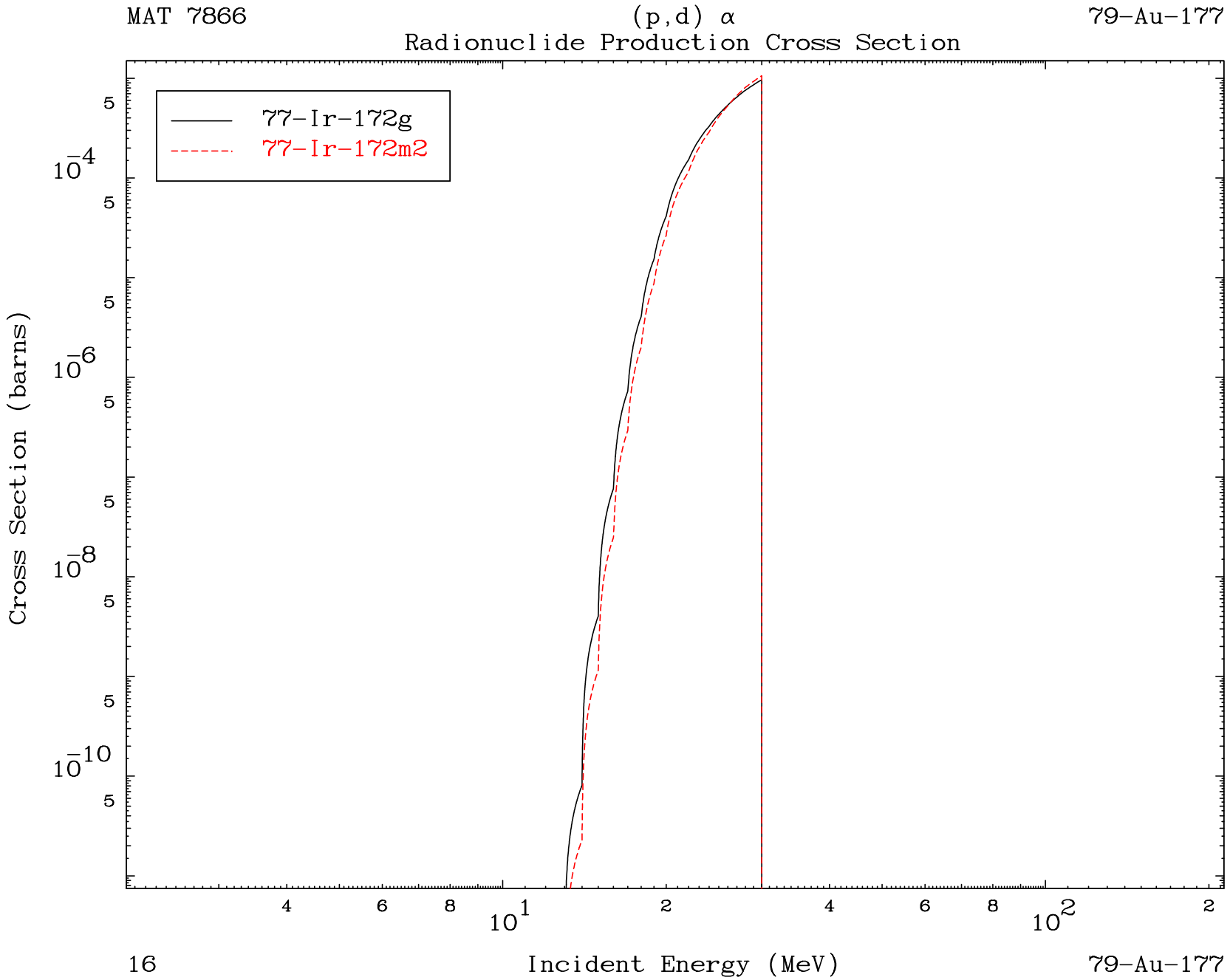

MAT 7866
(p,n') p
79-Au-177
Radionuclide Production Cross Section
79-Au-176g
79-Au-176m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
79-Au-177


MAT 7866
(p,n') p α
79-Au-177
Radionuclide Production Cross Section
77-Ir-172g
77-Ir-172m2
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-177


MAT 7866
(p,p)
79-Au-177
Radionuclide Production Cross Section
79-Au-177g
79-Au-177m1
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-177


MAT 7866
(p,d)
79-Au-177
Radionuclide Production Cross Section
79-Au-176g
79-Au-176m1
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-177


MAT 7866
(p,p) α
79-Au-177
Radionuclide Production Cross Section
77-Ir-173g
77-Ir-173m1
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-177


MAT 7866
(p,d) α
79-Au-177
Radionuclide Production Cross Section
77-Ir-172g
77-Ir-172m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
16
79-Au-177