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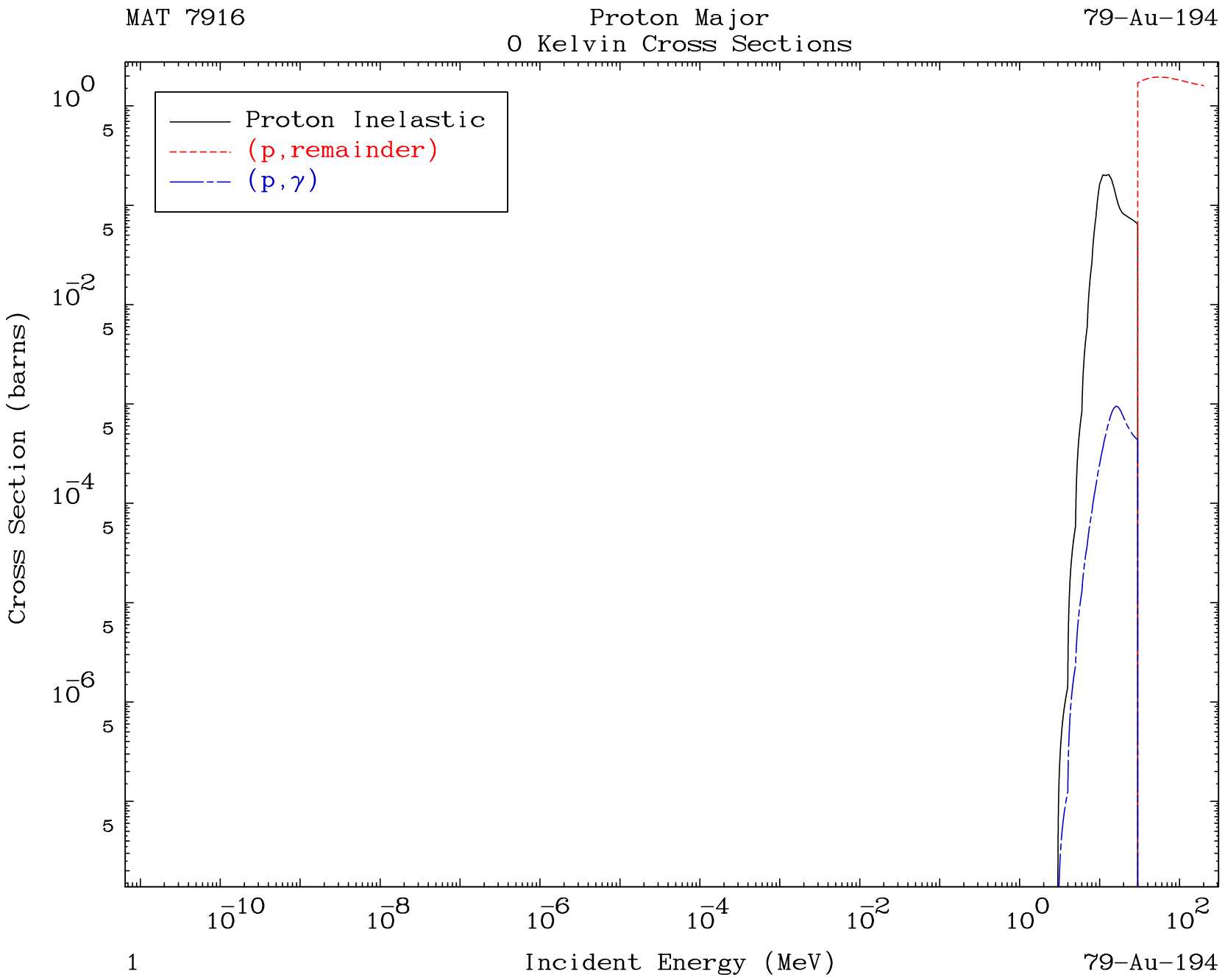
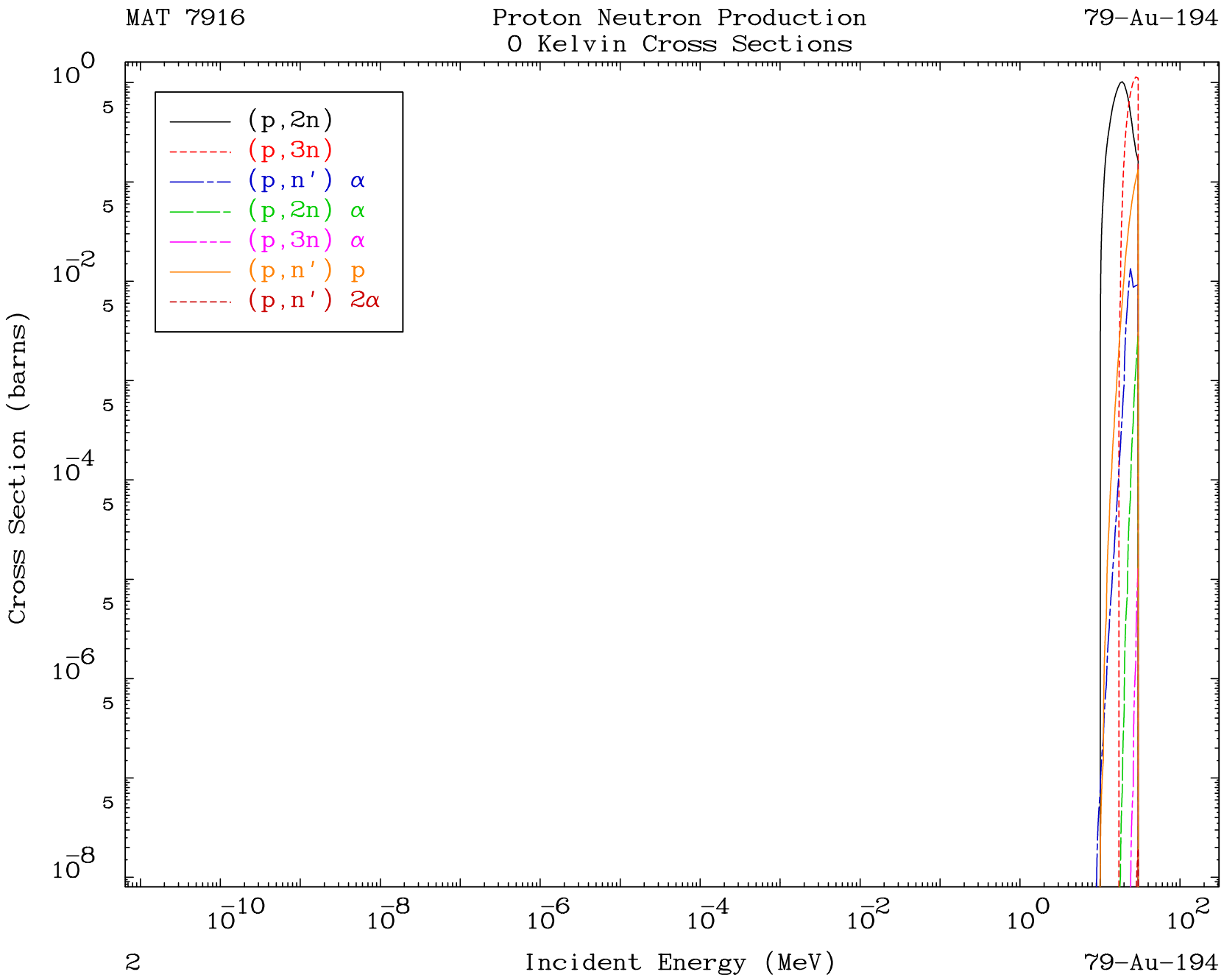
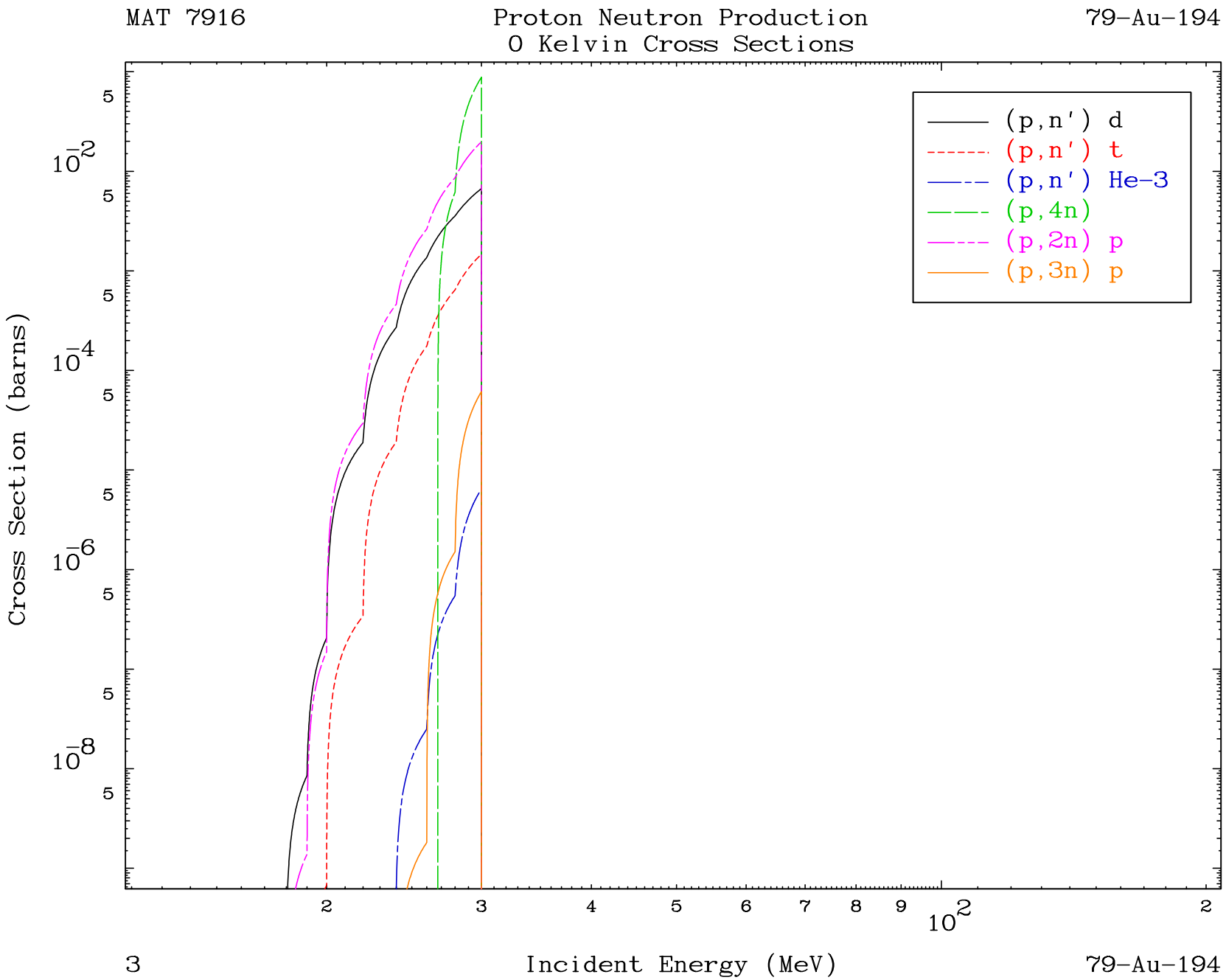
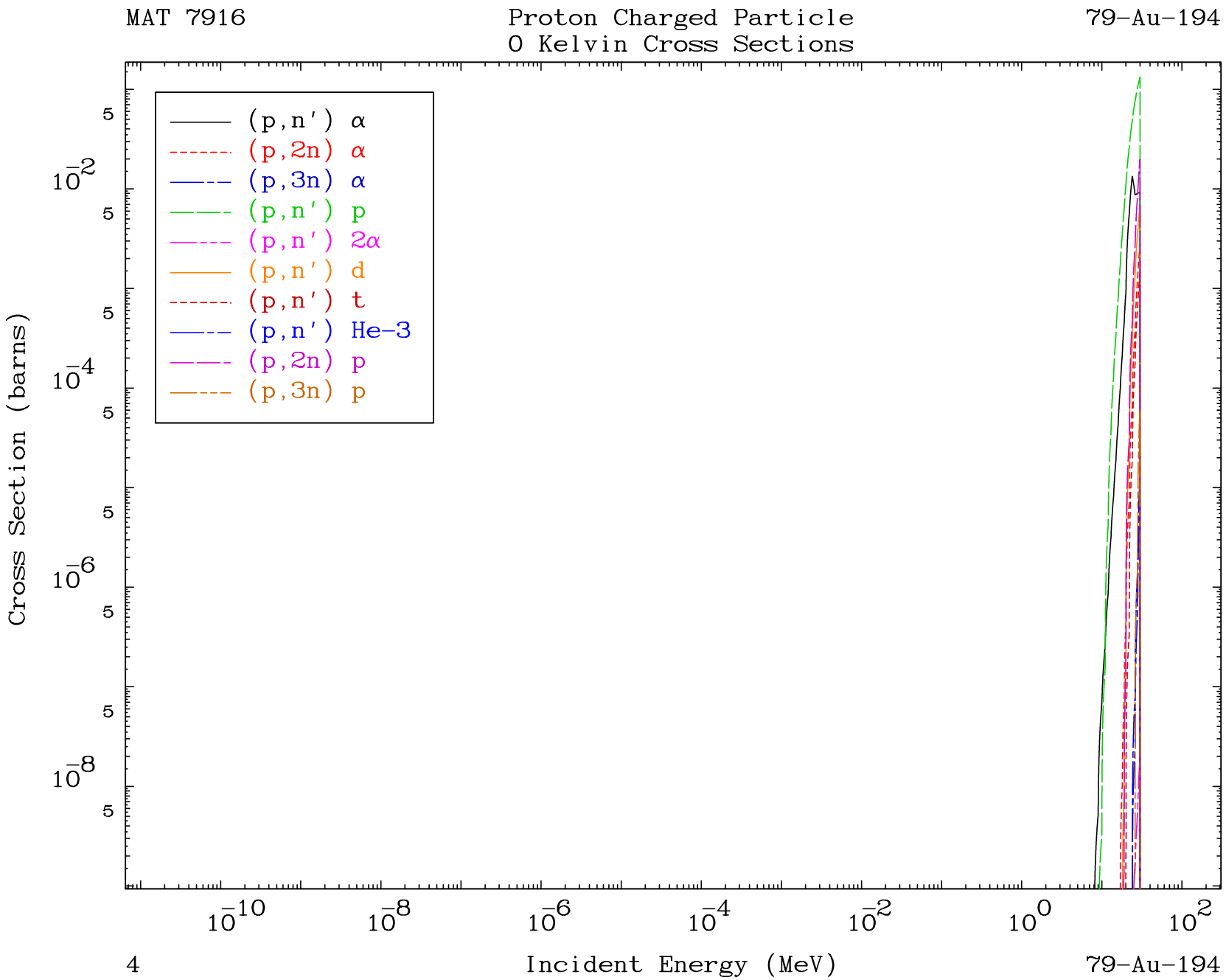
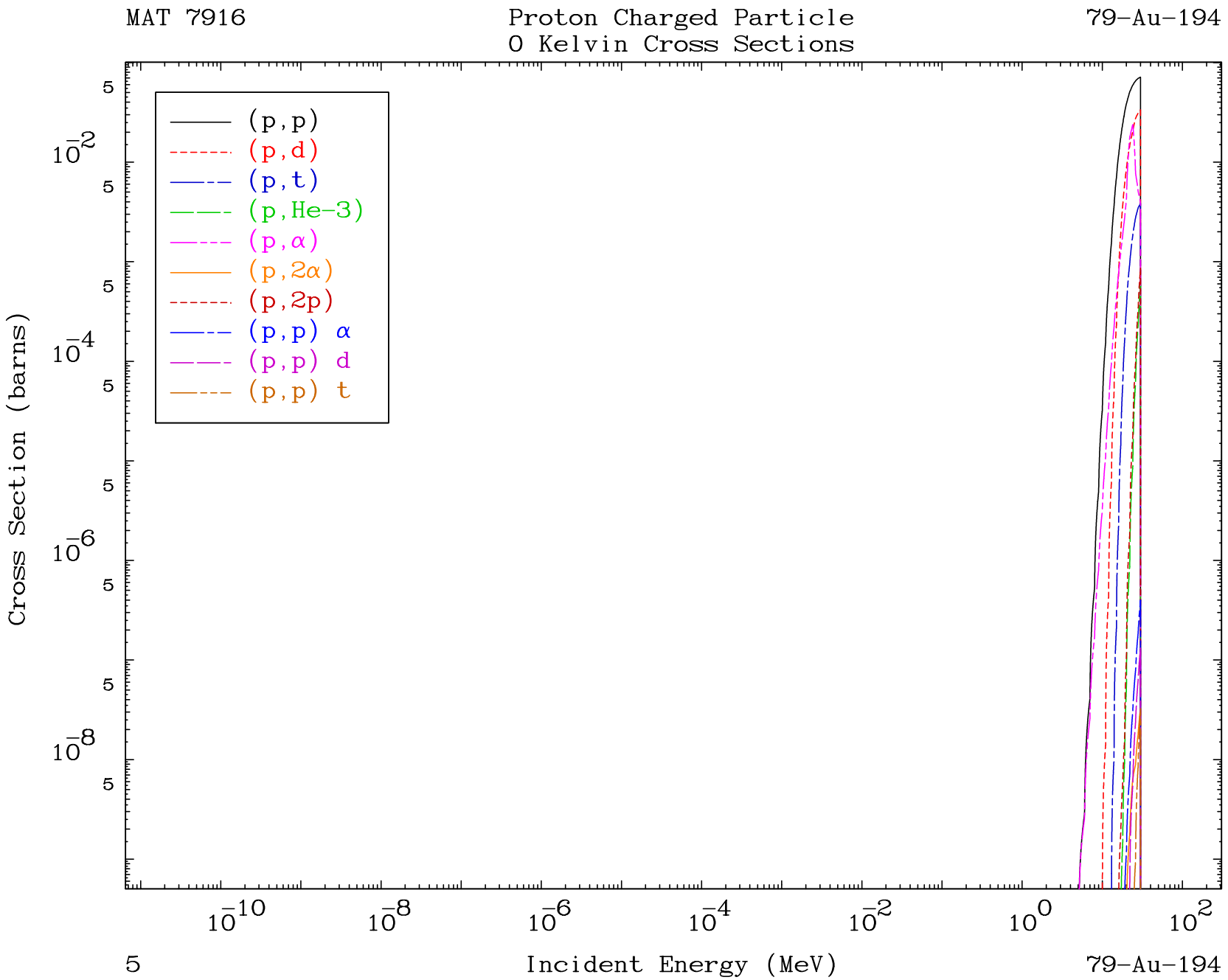
Press Mouse Button to Start

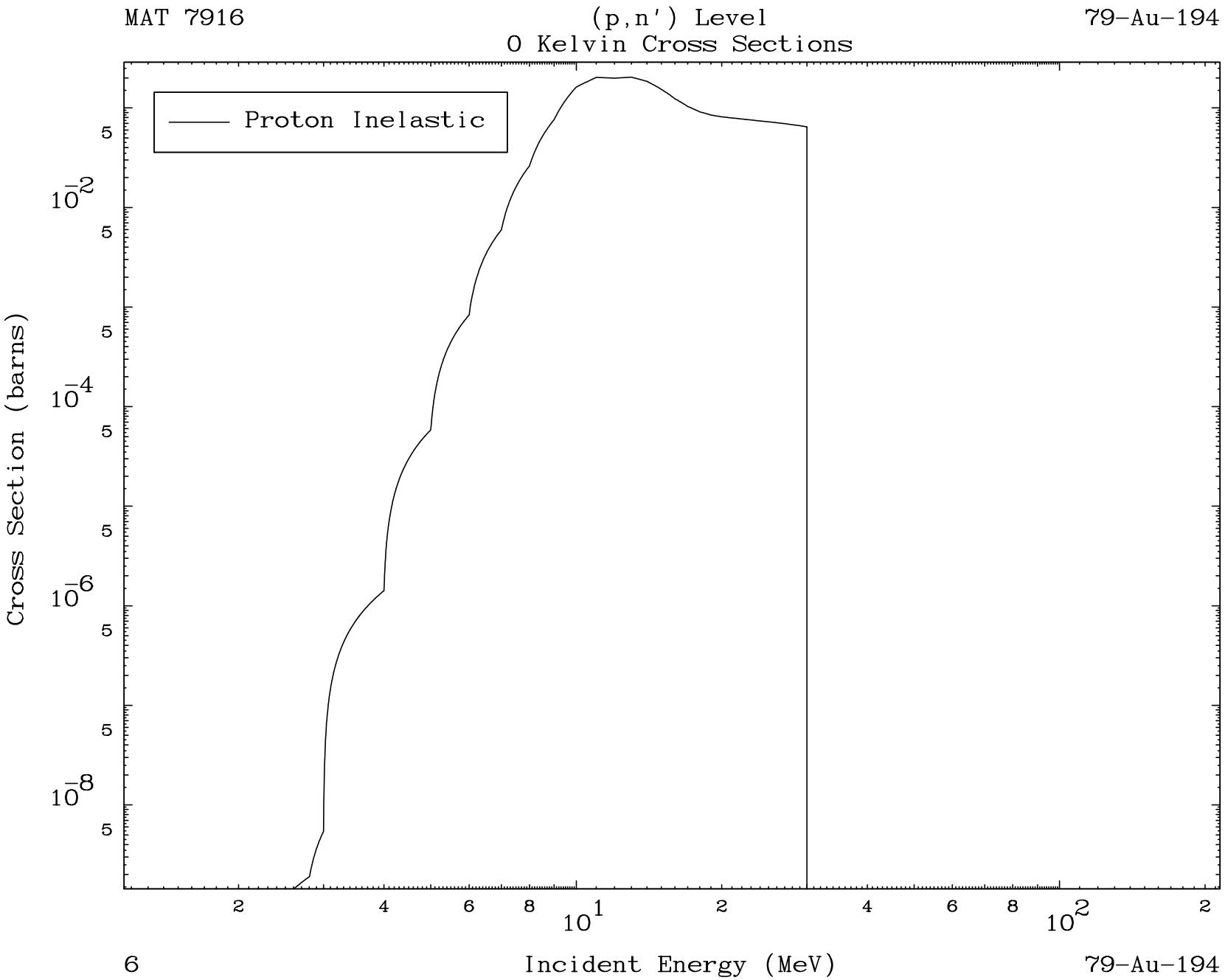

MAT 7916
Proton Major
79-Au-194
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-194
1

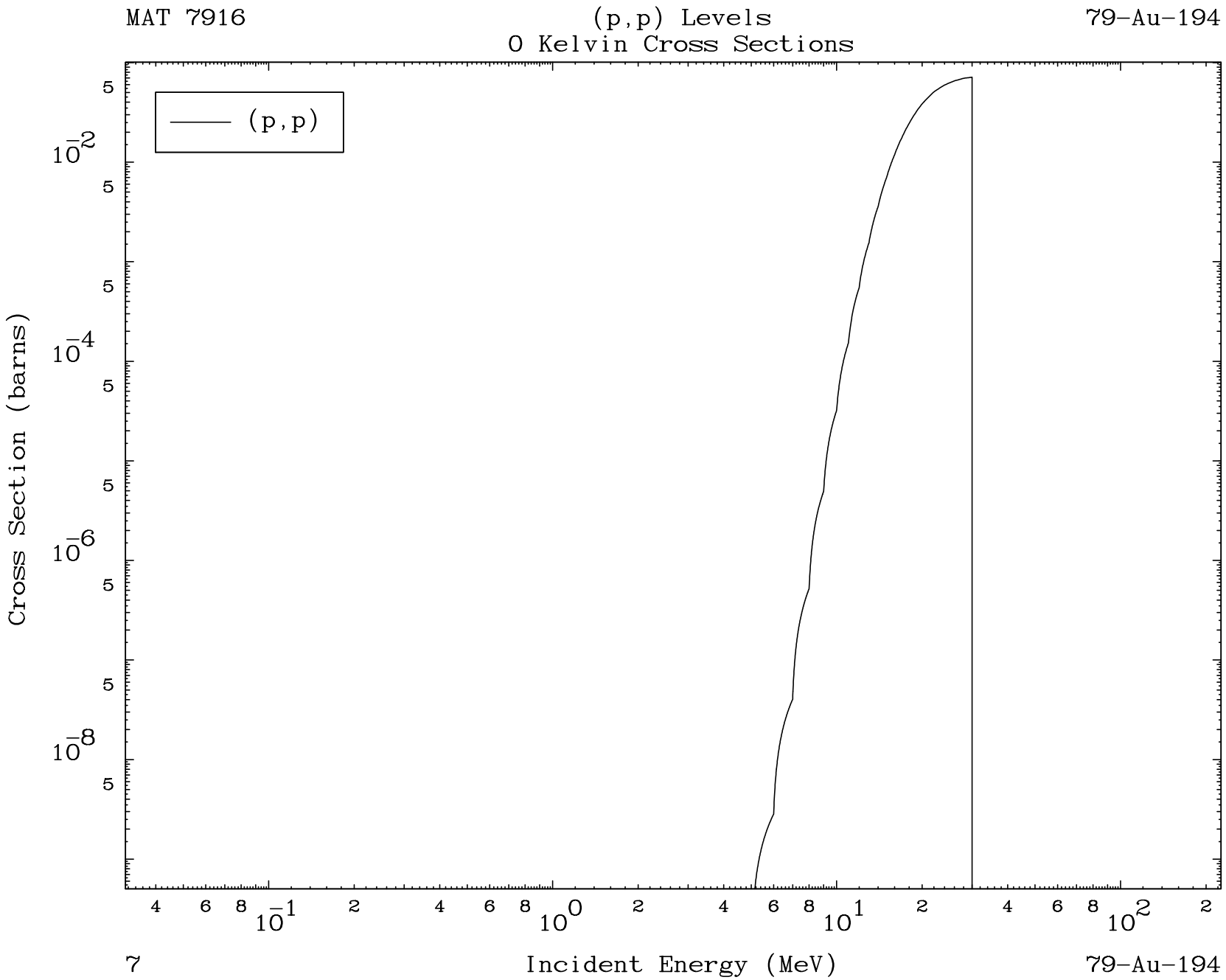

MAT 7916
Proton Neutron Production
0 Kelvin Cross Sections
79-Au-194
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
79-Au-194

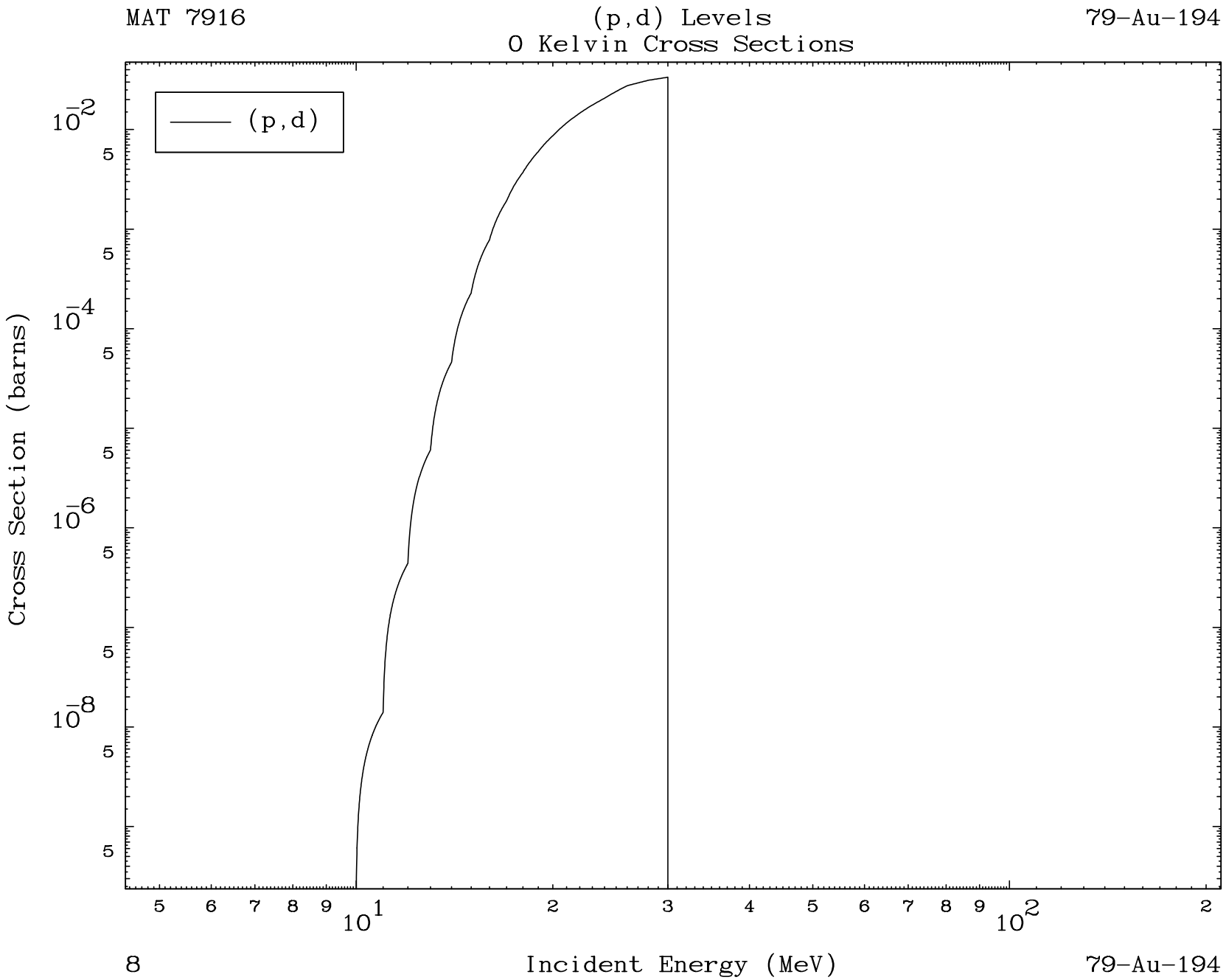

MAT 7916
Proton Neutron Production
0 Kelvin Cross Sections
79-Au-194
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-194

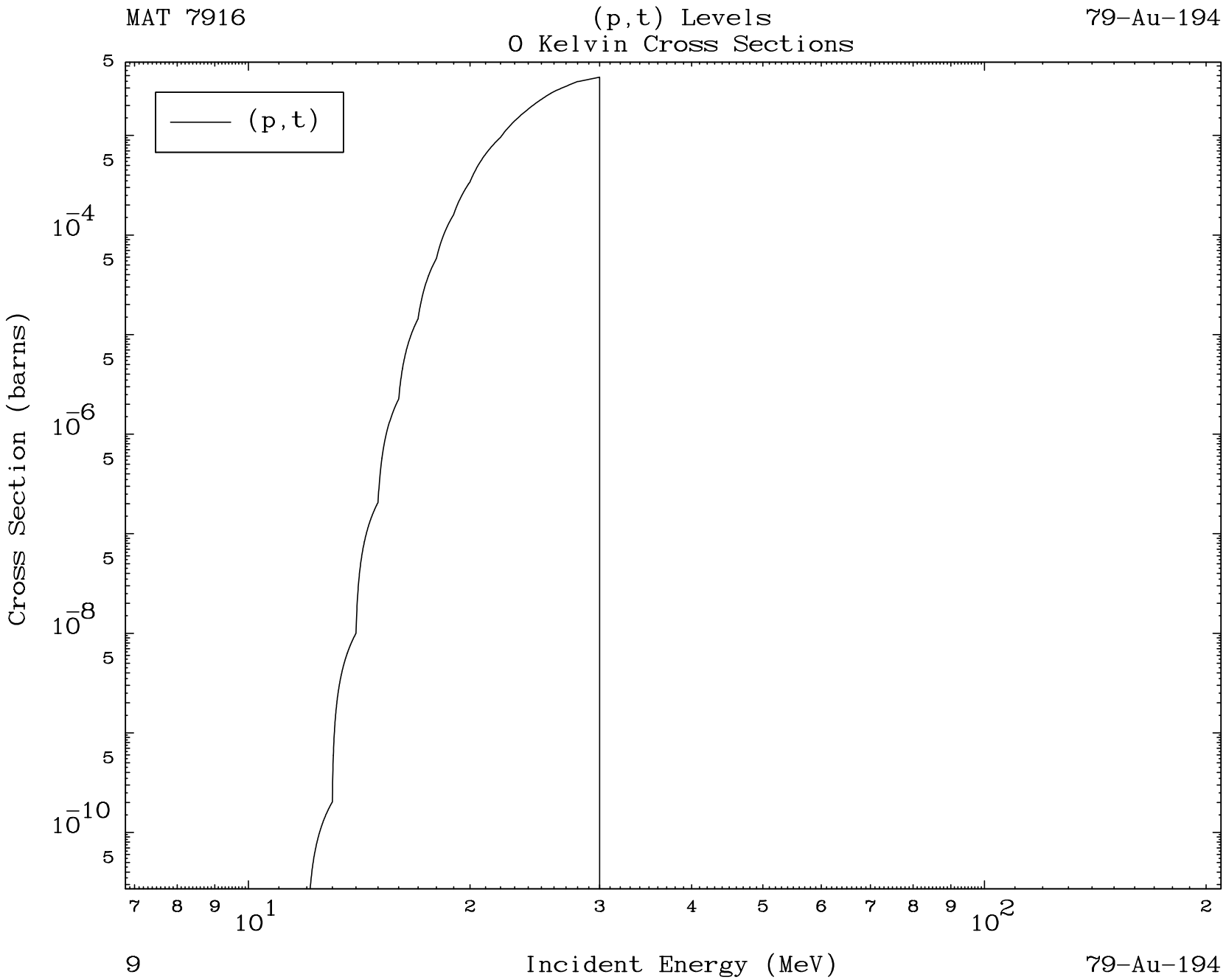

MAT 7916
Proton Charged Particle
0 Kelvin Cross Sections
79-Au-194
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-194

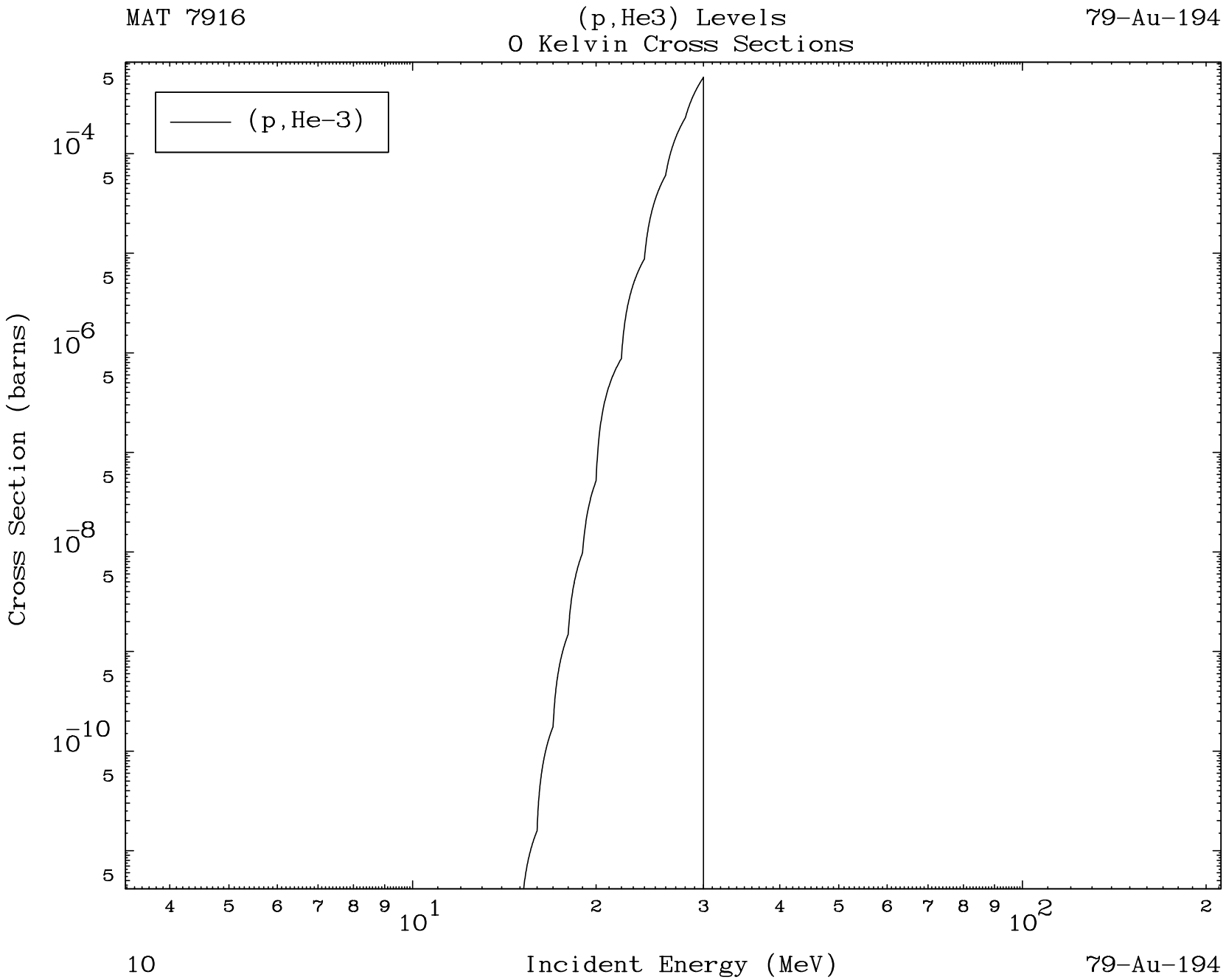

MAT 7916
Proton Charged Particle
0 Kelvin Cross Sections
79-Au-194
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
79-Au-194

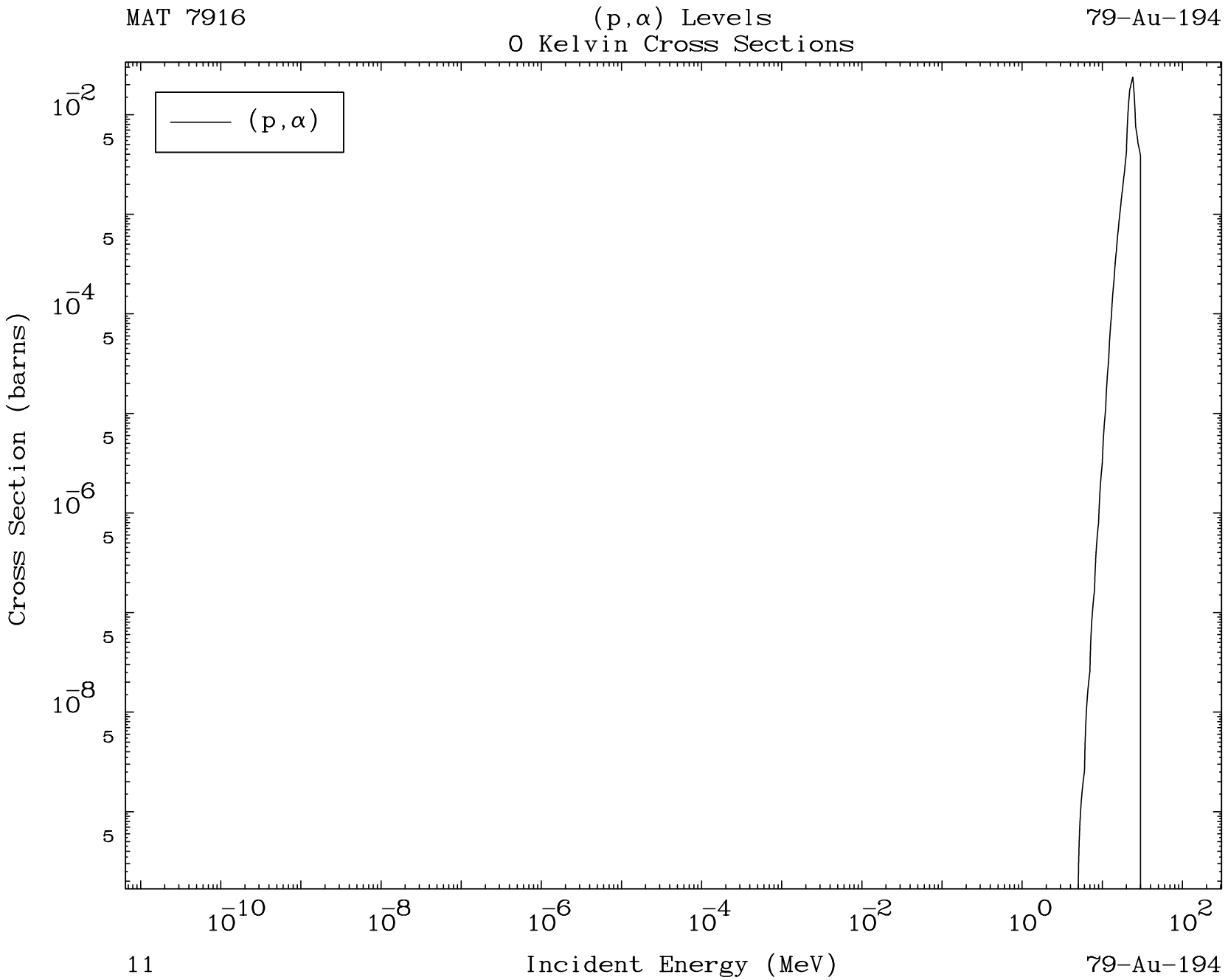

MAT 7916
(p,n') Level
79-Au-194
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
6
79-Au-194

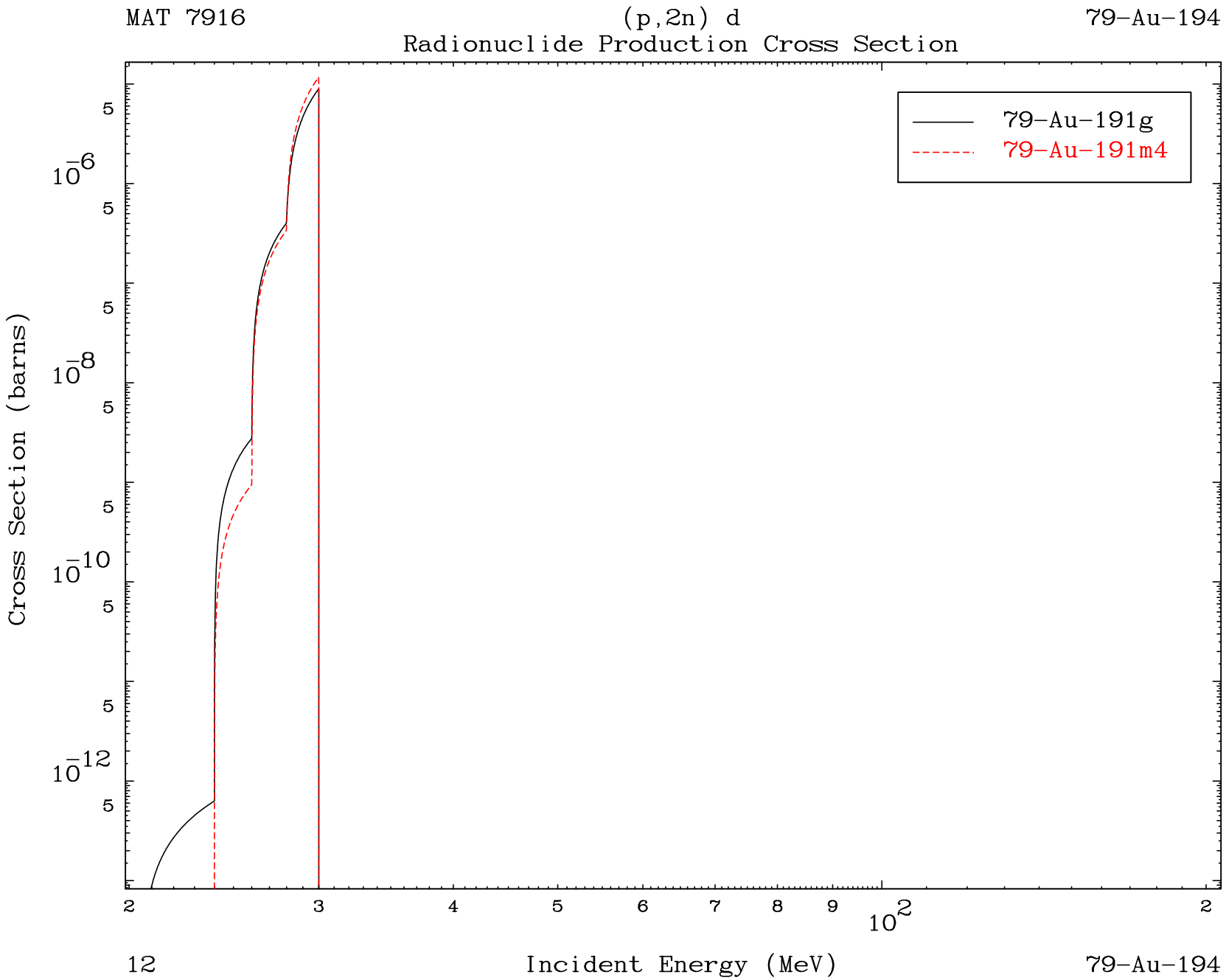

MAT 7916
(p,p) Levels
79-Au-194
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
79-Au-194

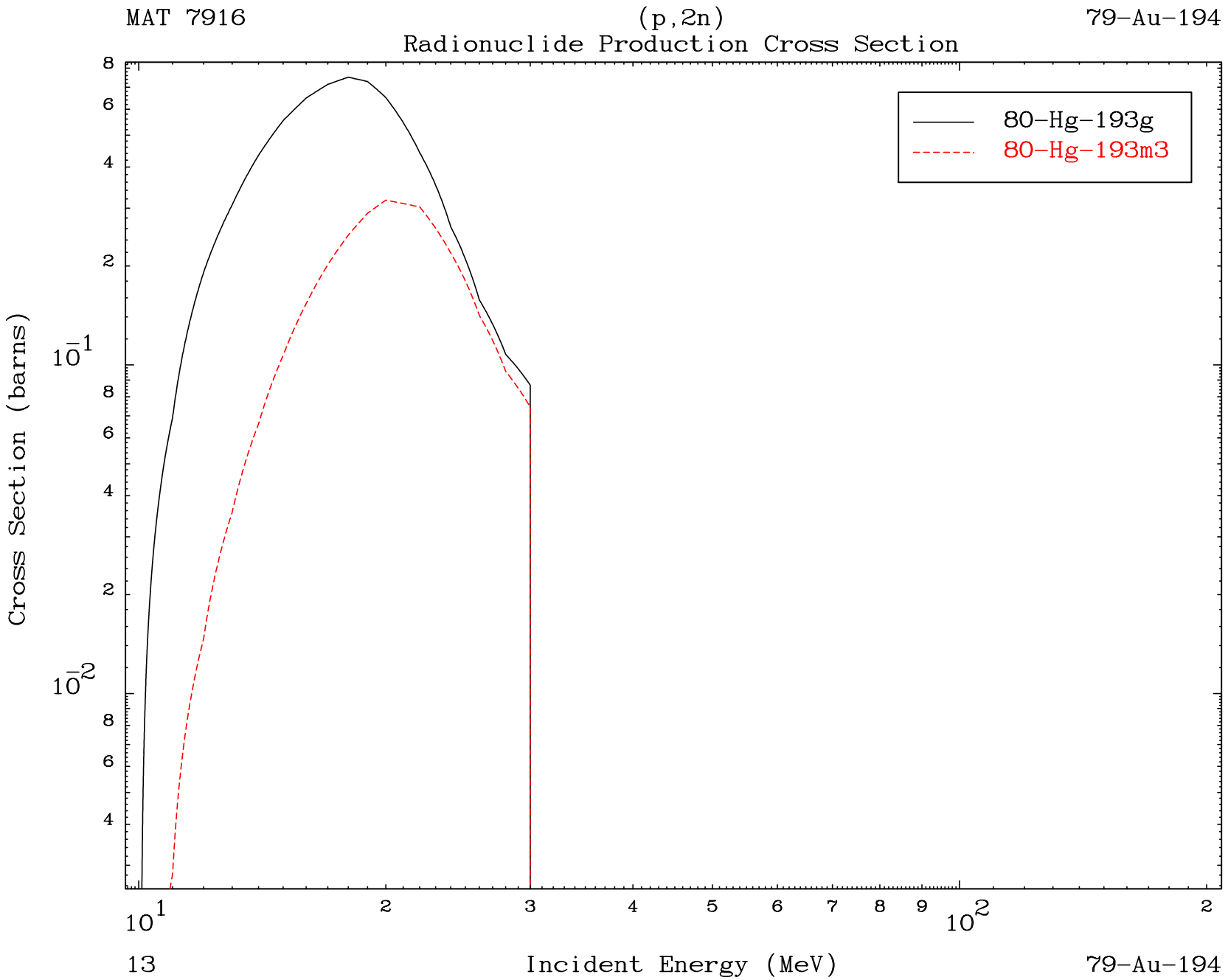

MAT 7916
(p,d) Levels
79-Au-194
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-194

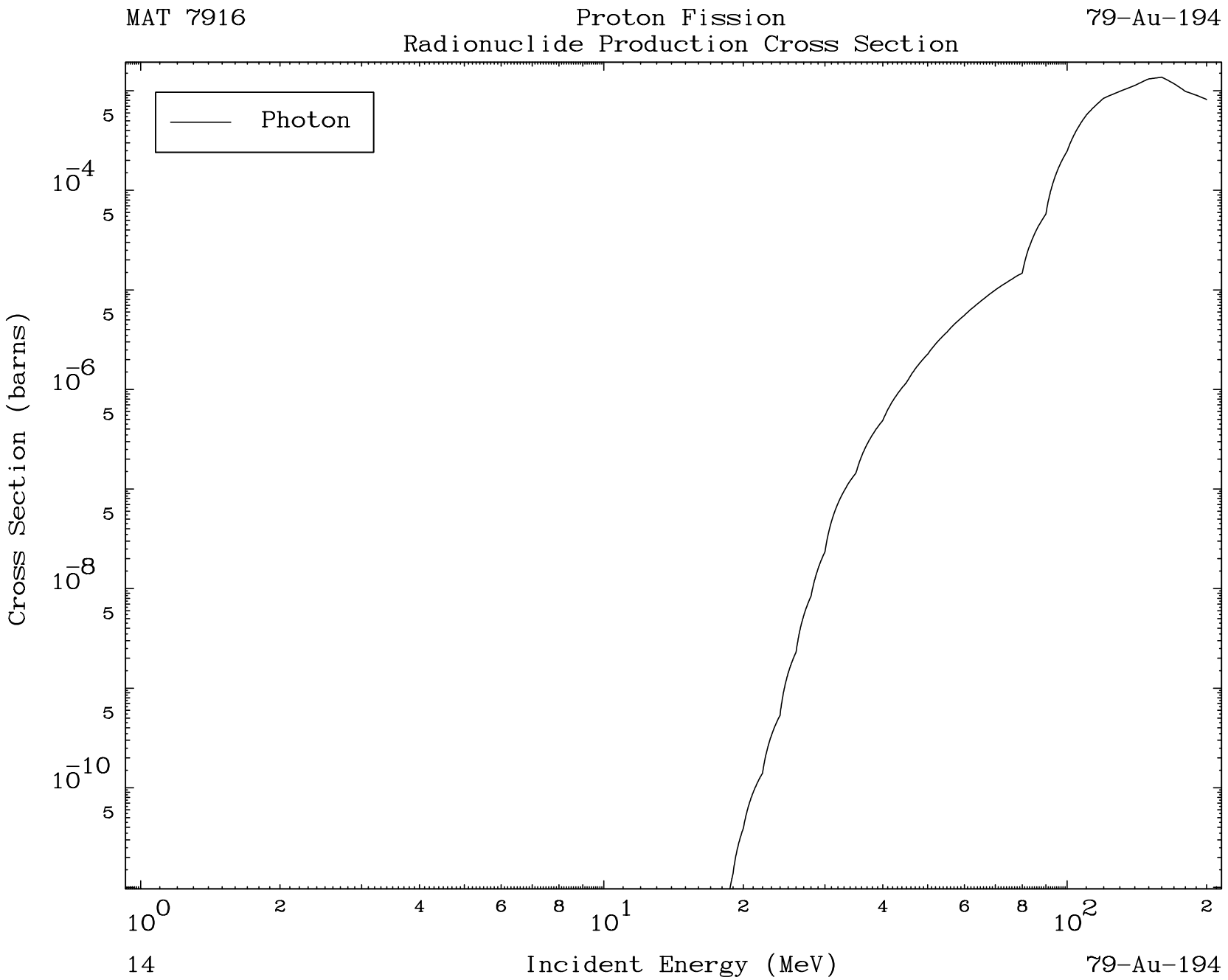

MAT 7916
(p,t) Levels
79-Au-194
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
79-Au-194
9

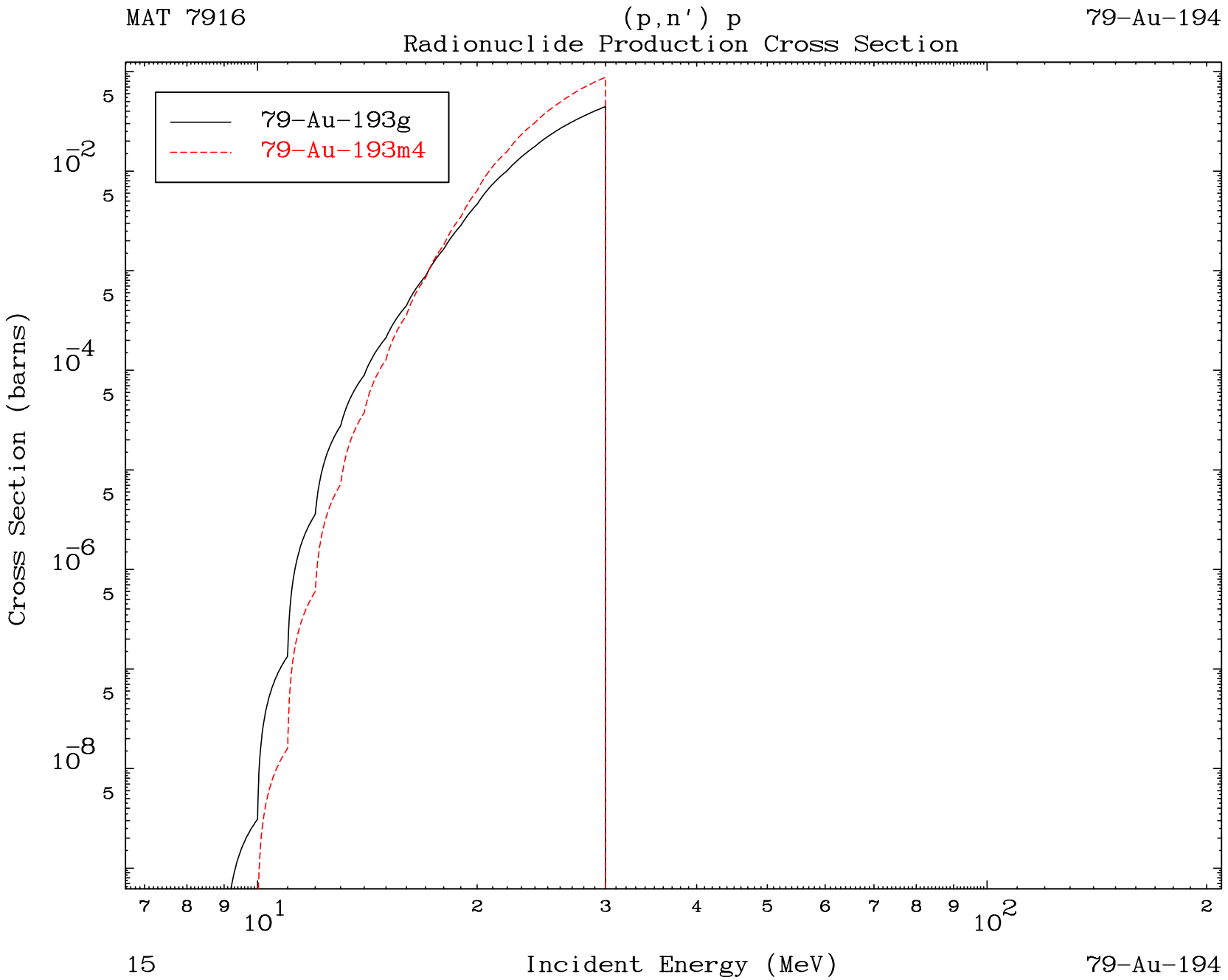

MAT 7916
(p,He3) Levels
79-Au-194
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
79-Au-194

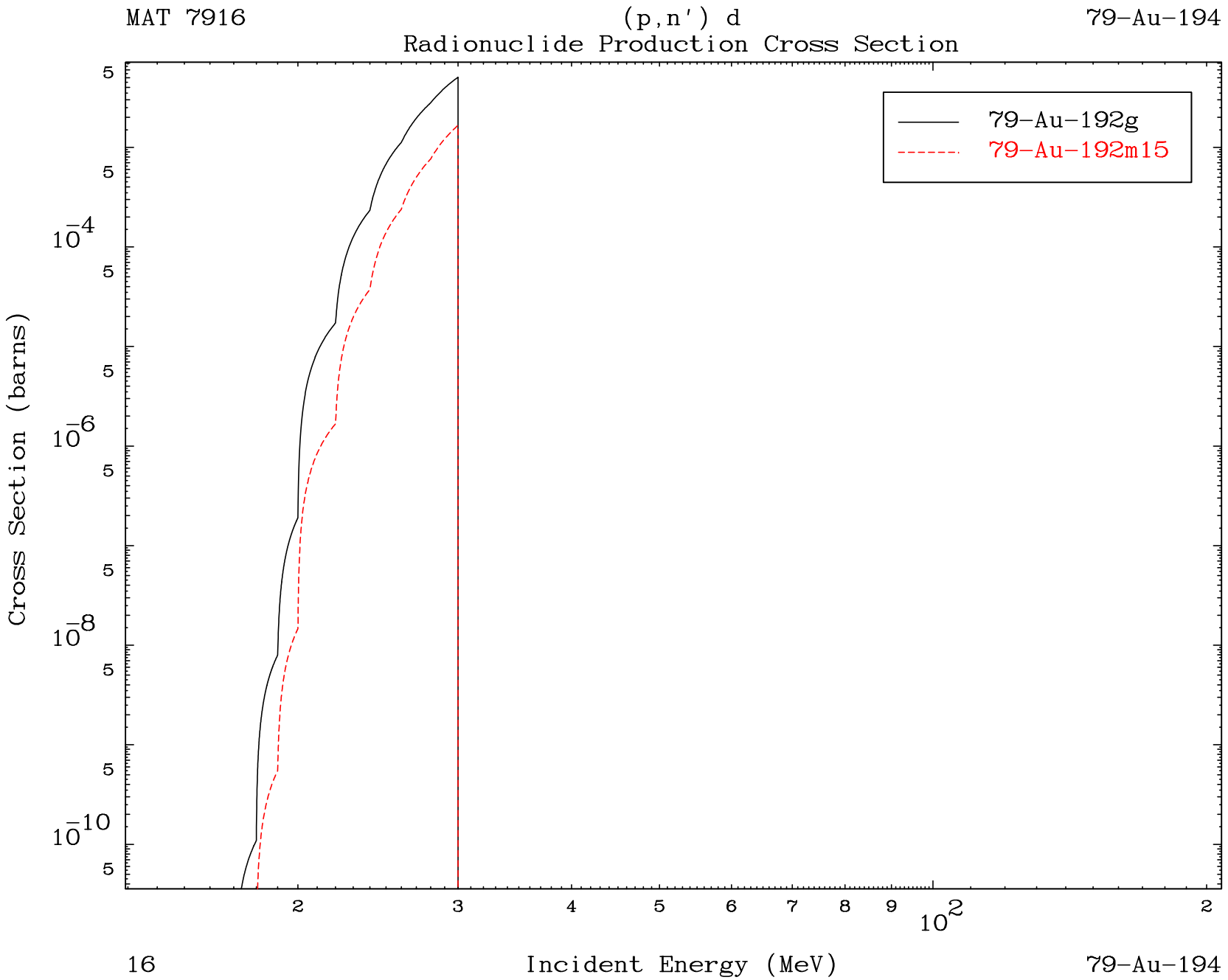

MAT 7916
(p,α) Levels
79-Au-194
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
10-10
10-8
10-6
10-4
10-2
100
102
11
Incident Energy (MeV)
79-Au-194

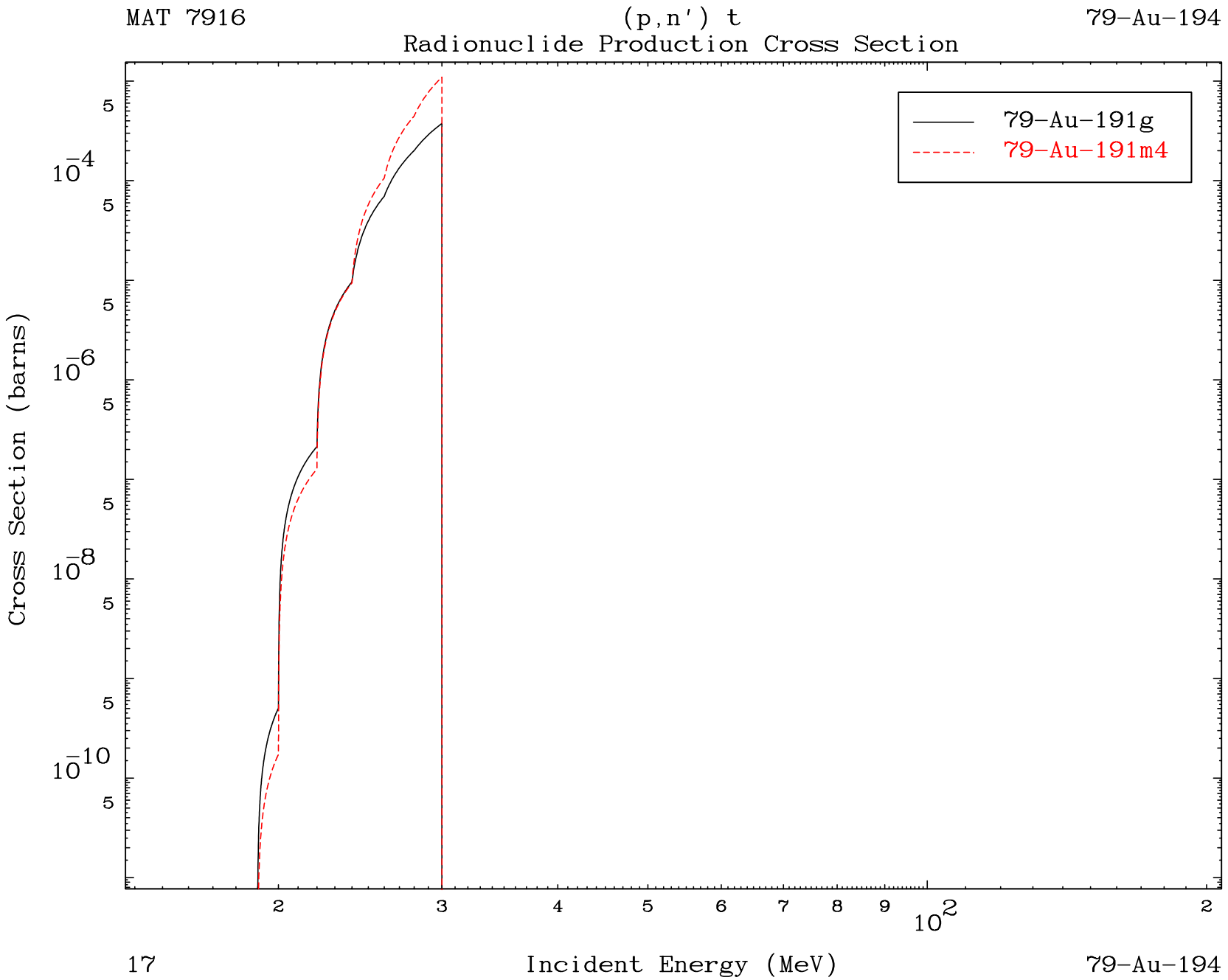

MAT 7916
(p,2n) d
79-Au-194
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
79-Au-194

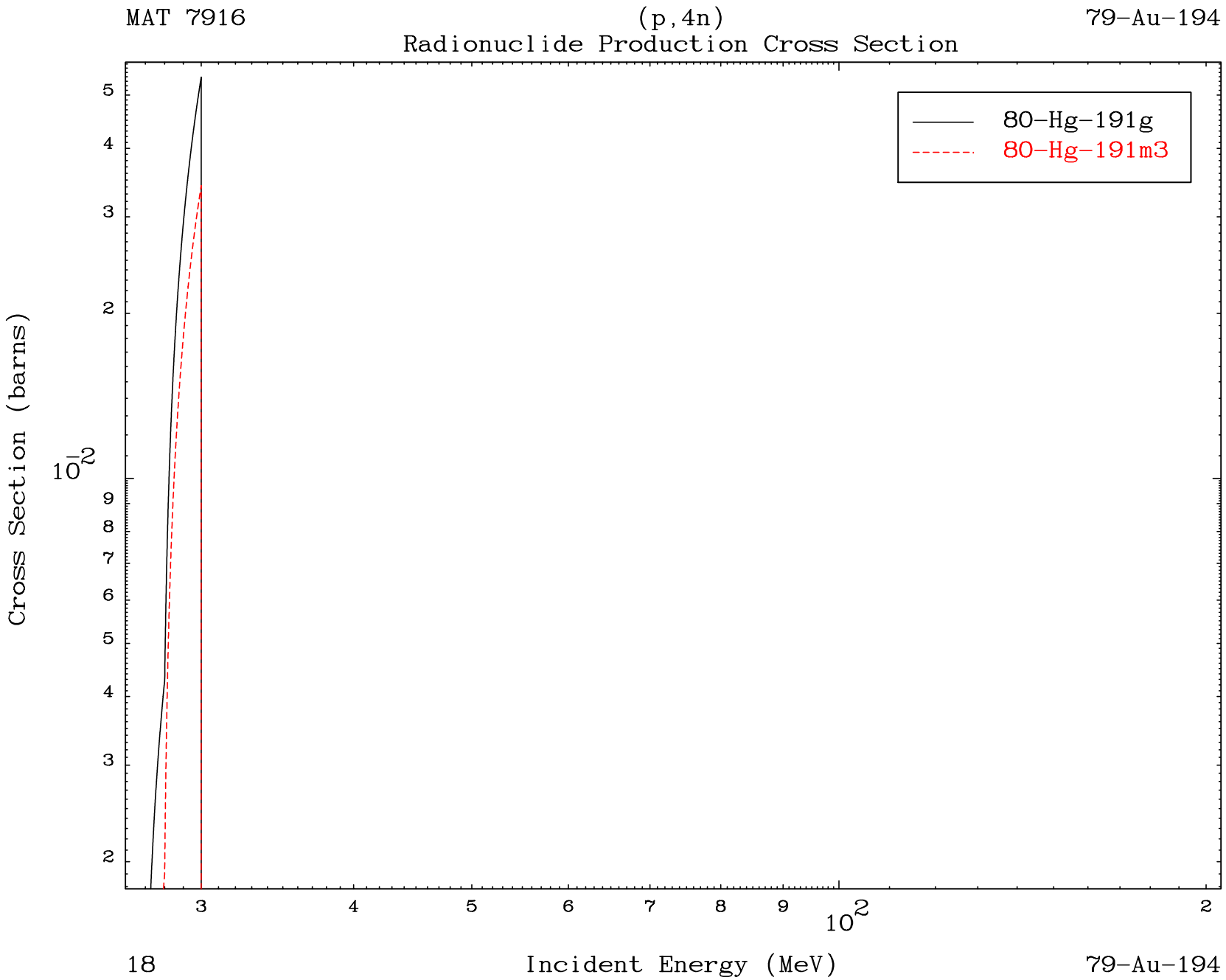

MAT 7916
(p,2n)
79-Au-194
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-194

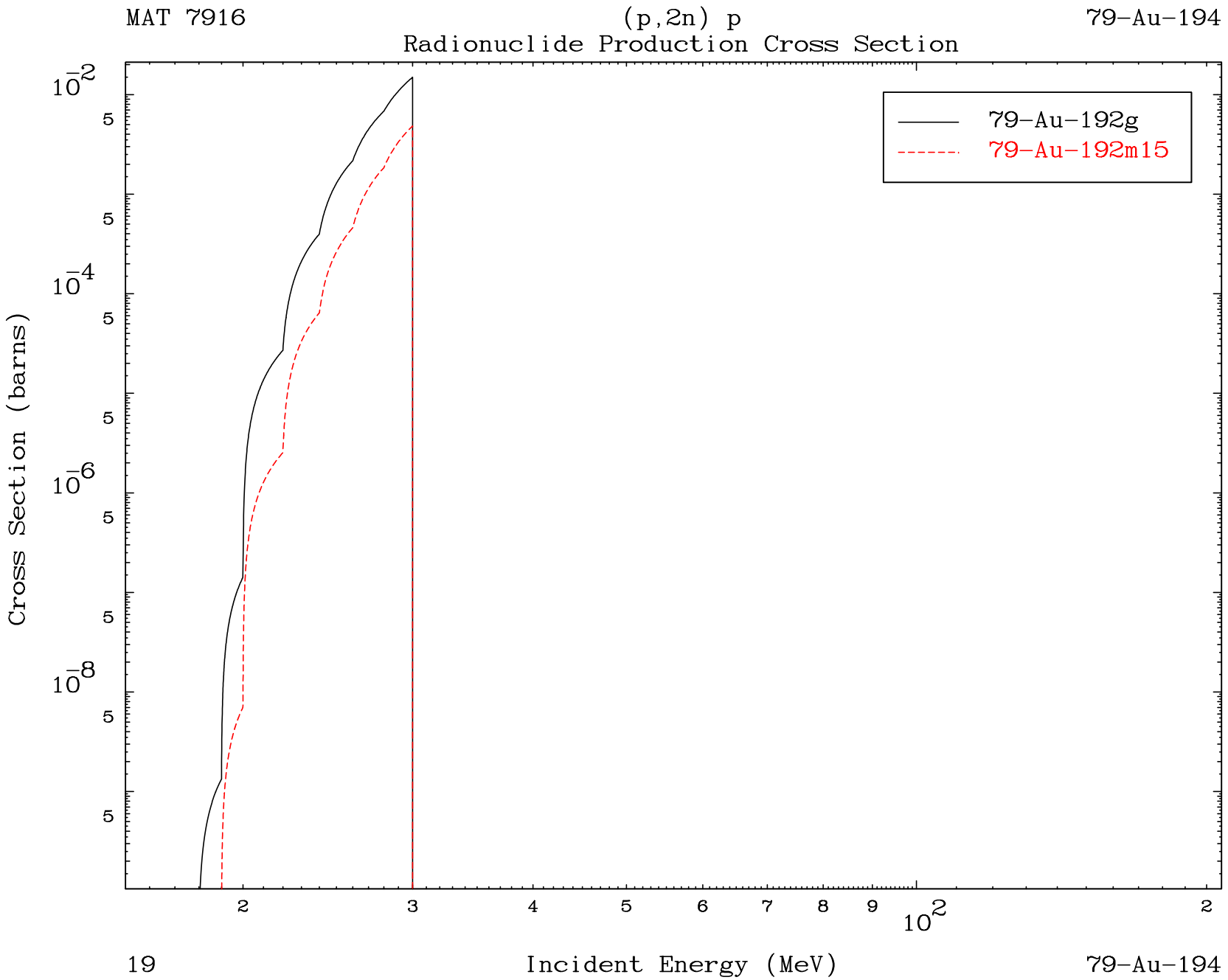

MAT 7916
Proton Fission
79-Au-194
Radionuclide Production Cross Section
Photon
Cross Section (barns)
10-4
10-6
10-8
10-10
5
100
2
4
6
8
101
102
Incident Energy (MeV)
14
79-Au-194

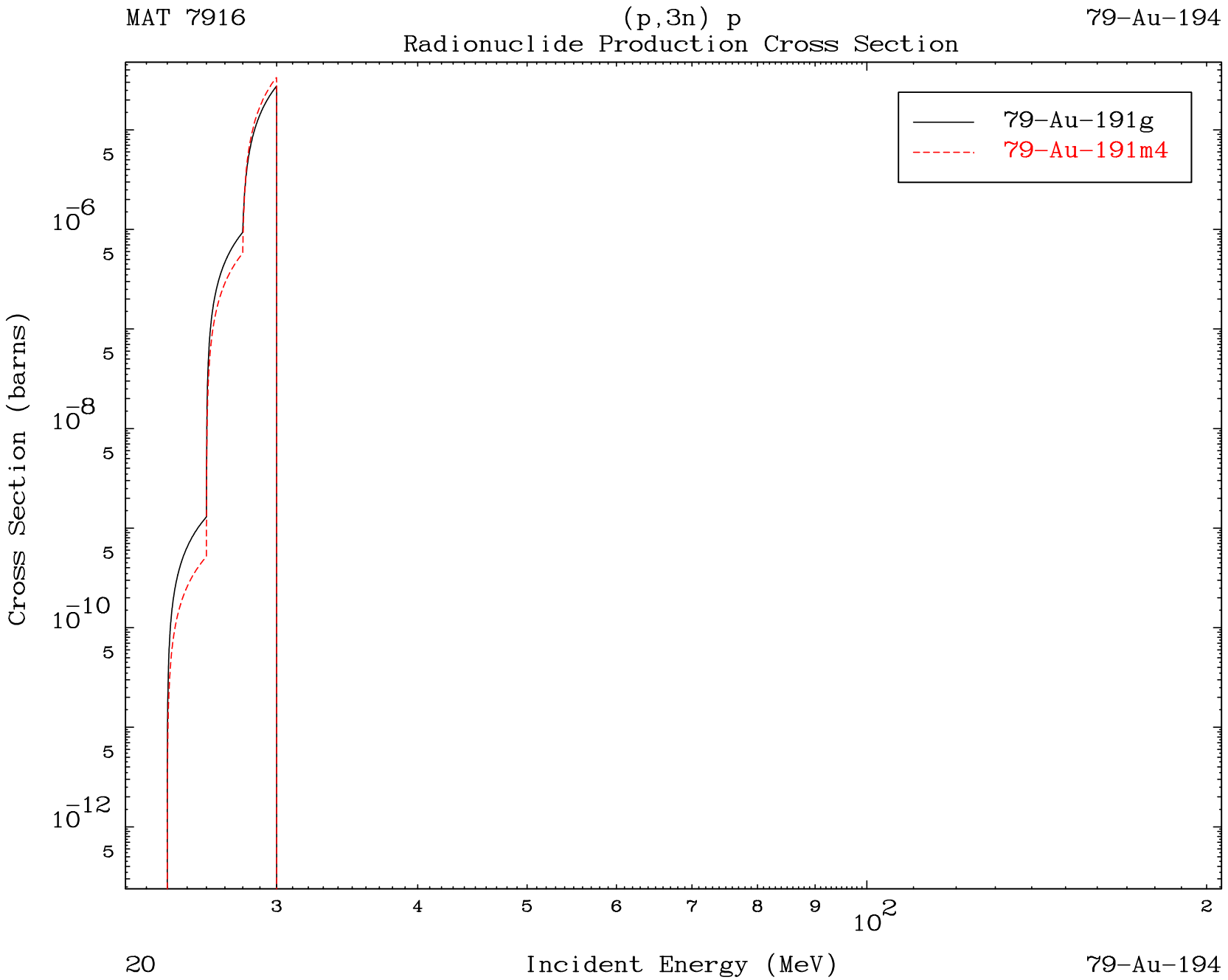

MAT 7916
(p,n') p
79-Au-194
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-194

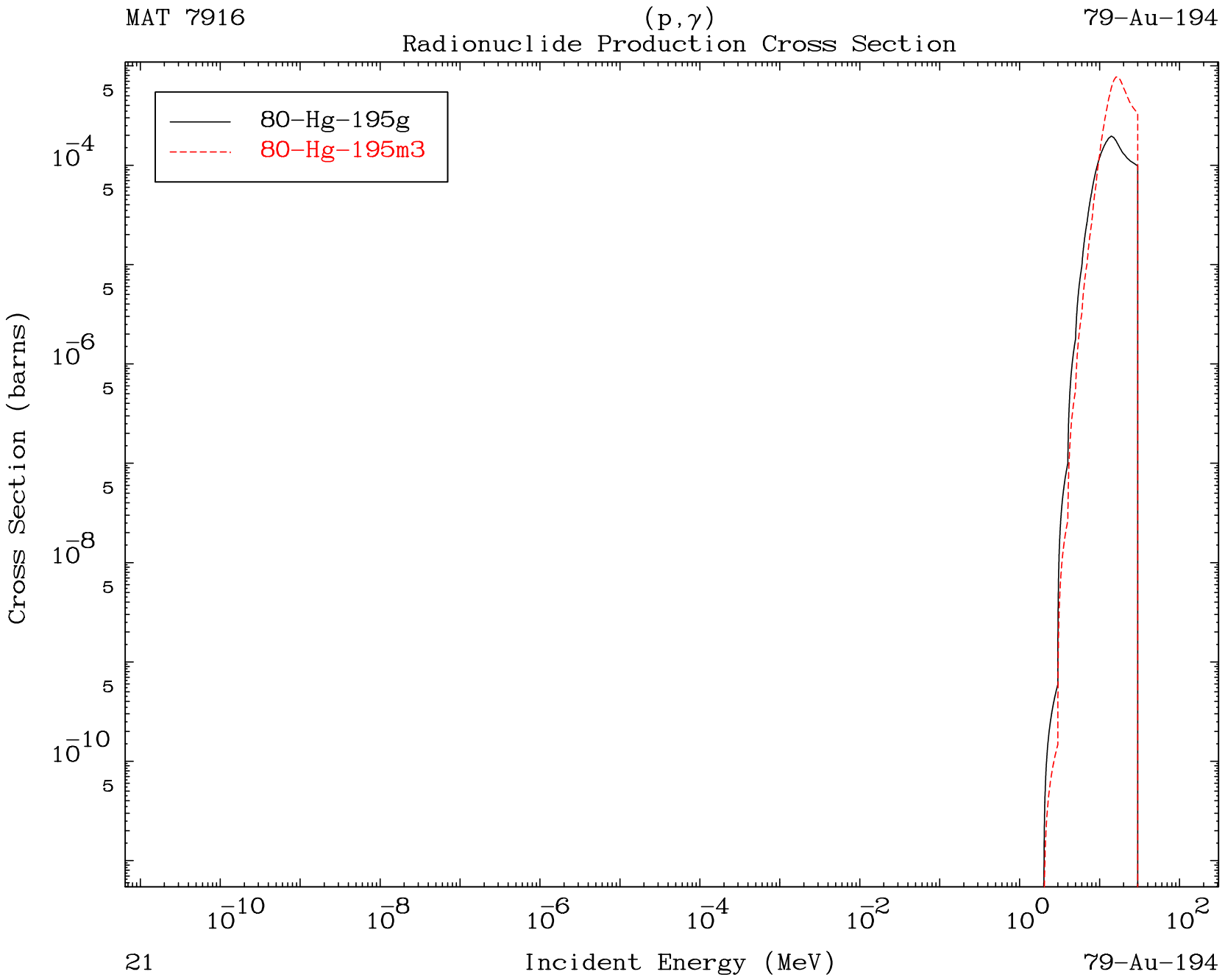

MAT 7916
(p,n') d
79-Au-194
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
79-Au-194

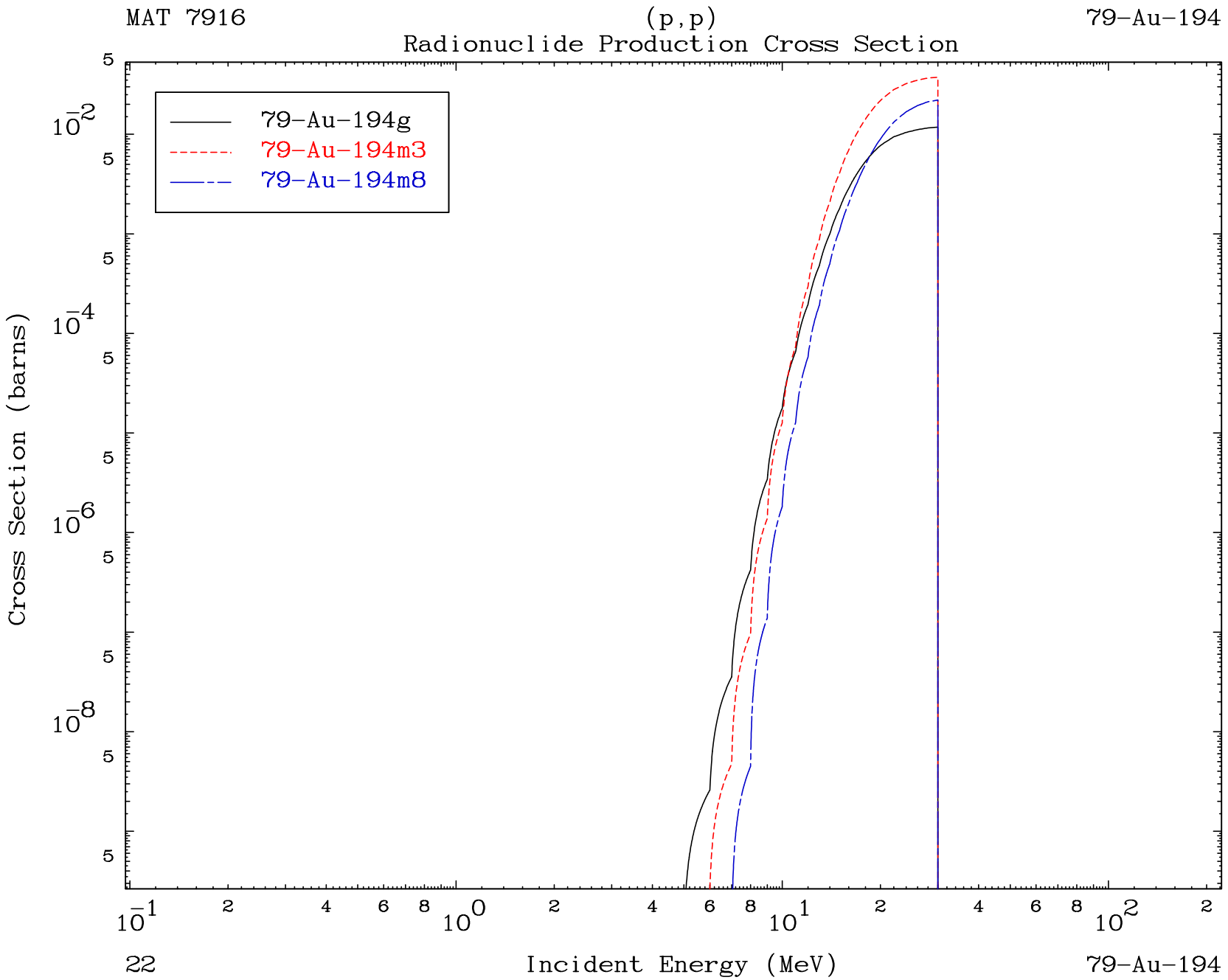

MAT 7916
(p,n') t
79-Au-194
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
17
79-Au-194

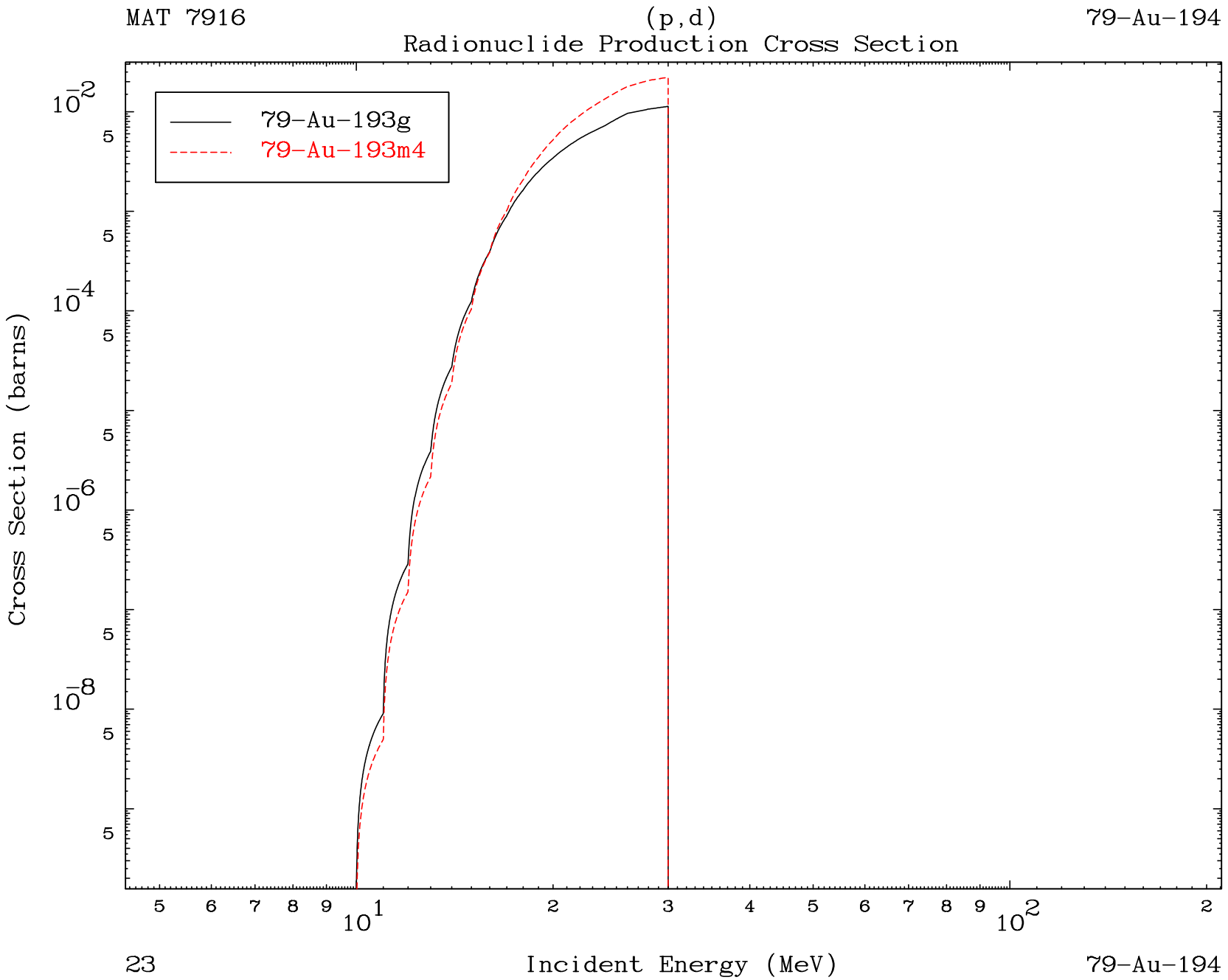

MAT 7916
(p,4n)
79-Au-194
Radionuclide Production Cross Section
80-Hg-191g
80-Hg-191m3
Cross Section (barns)
10^1
5
4
3
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
79-Au-194

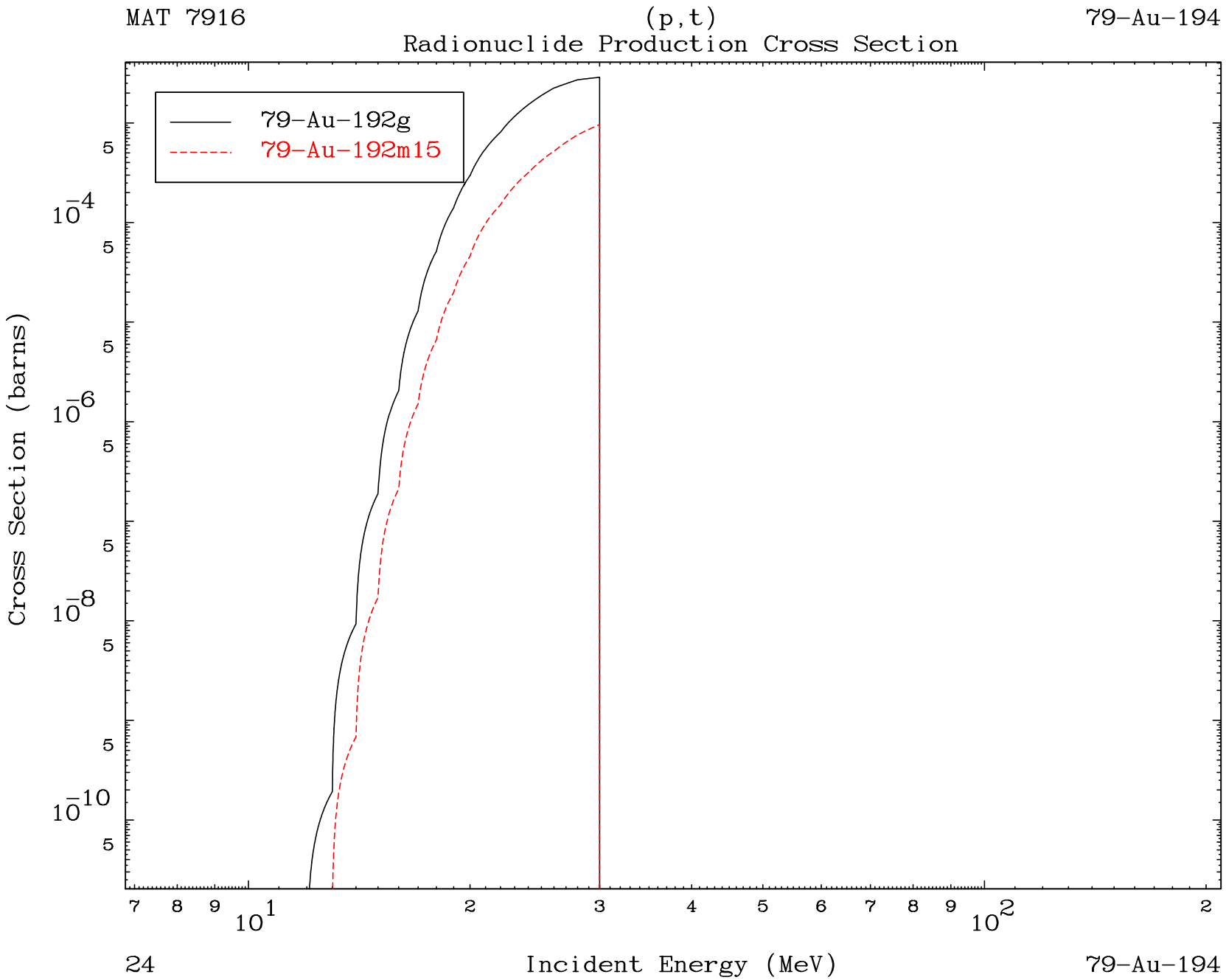

MAT 7916
(p,2n) p
79-Au-194
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
102
2
19
Incident Energy (MeV)
79-Au-194

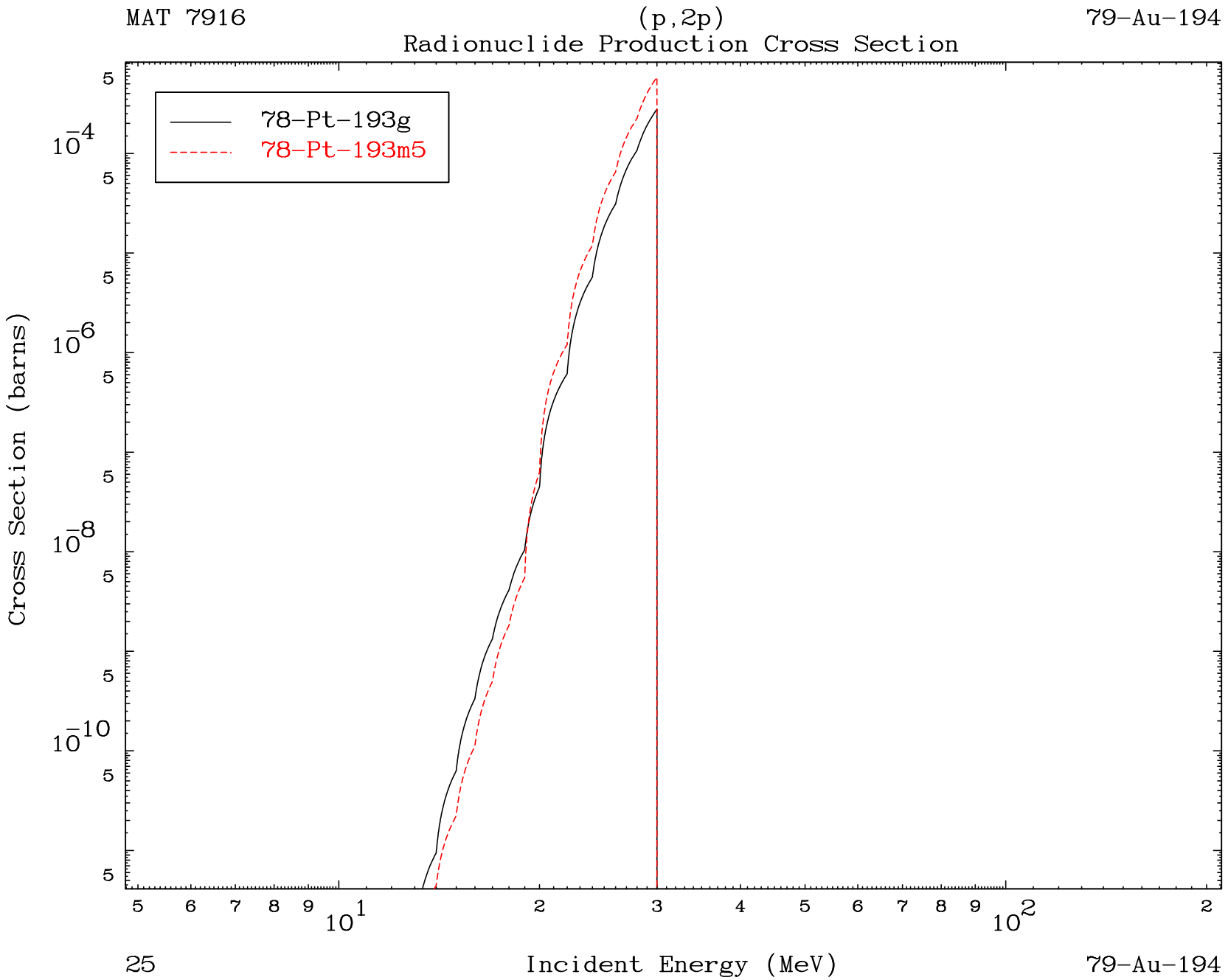

MAT 7916
(p,3n) p
79-Au-194
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
79-Au-194

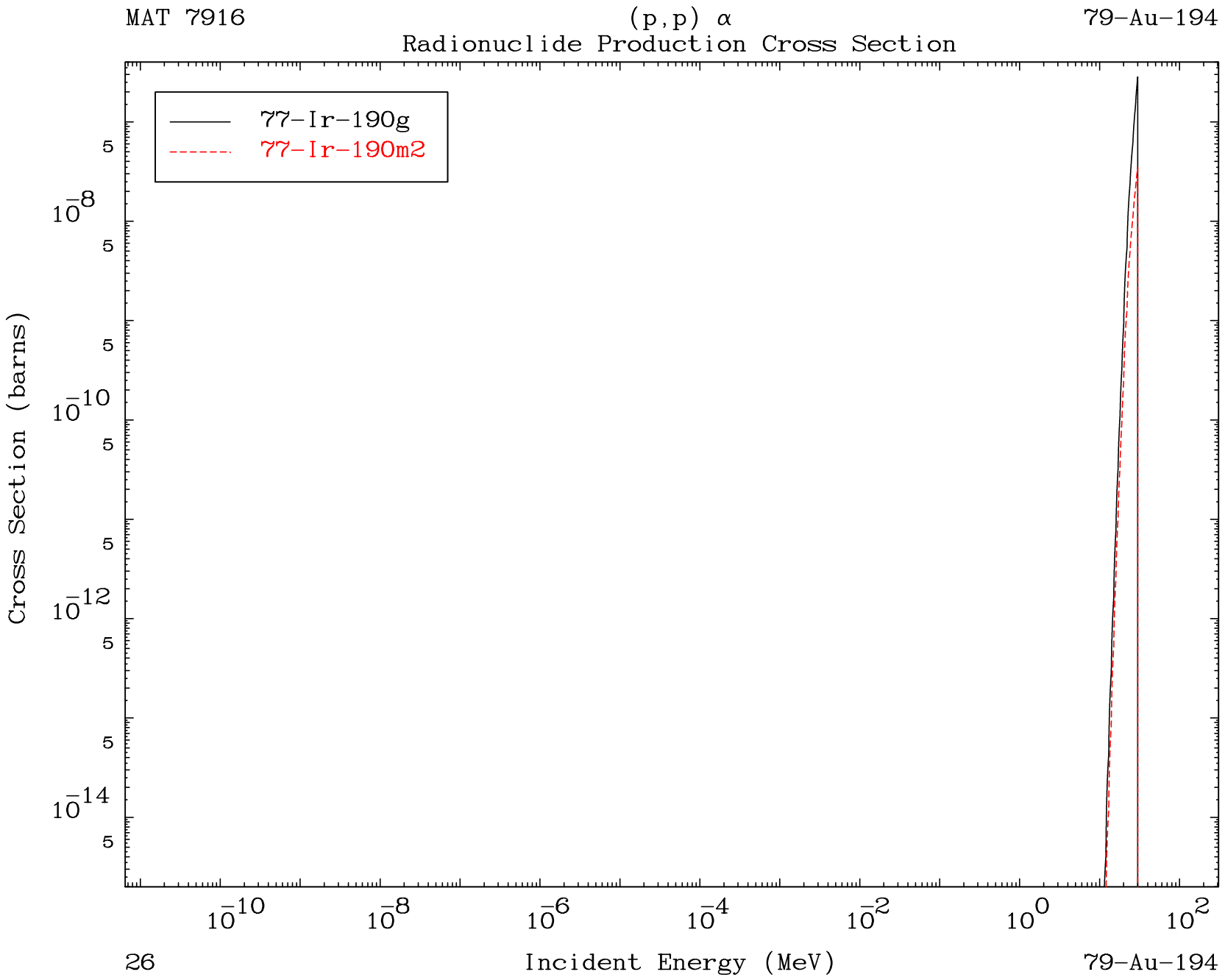

MAT 7916
(p,γ)
79-Au-194
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
Incident Energy (MeV)
21
79-Au-194


MAT 7916
(p,p)
79-Au-194
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
22
79-Au-194


MAT 7916
(p,d)
79-Au-194
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
23
79-Au-194


MAT 7916
(p,t)
79-Au-194
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
24
Incident Energy (MeV)
79-Au-194


MAT 7916
(p,2p)
79-Au-194
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
Incident Energy (MeV)
25
79-Au-194


MAT 7916
(p,p) α
79-Au-194
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
Cross Section (barns)
Incident Energy (MeV)
26
79-Au-194