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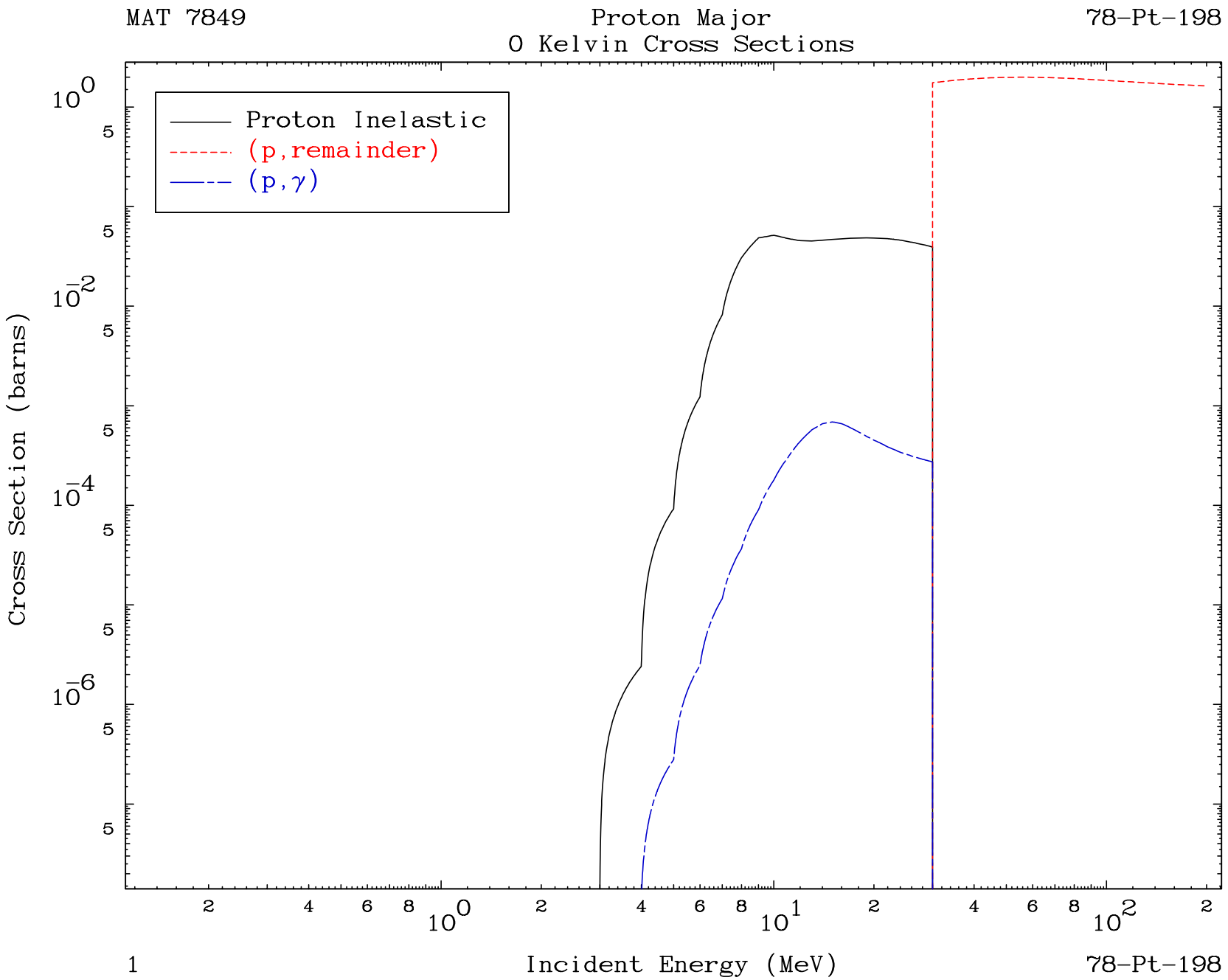
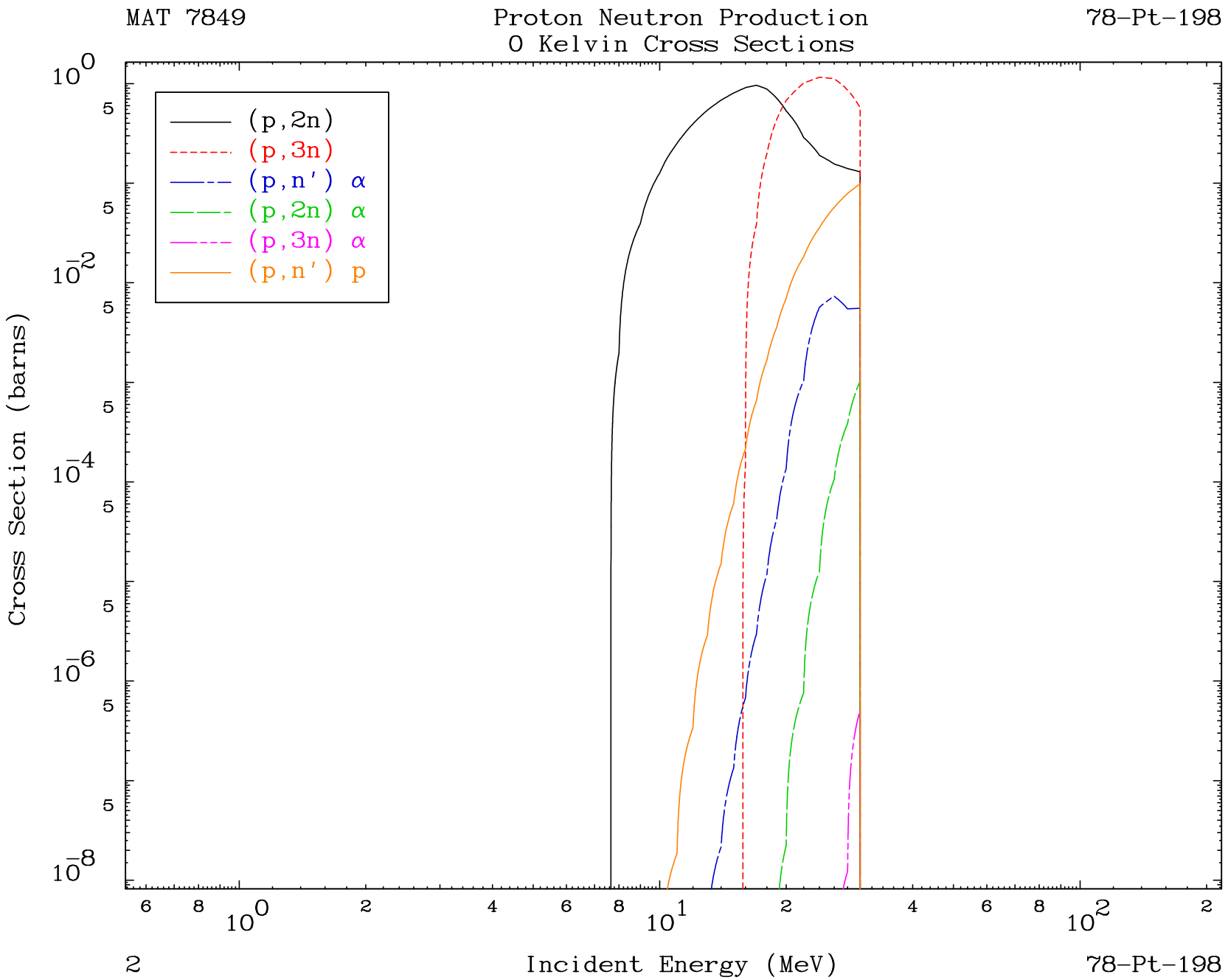
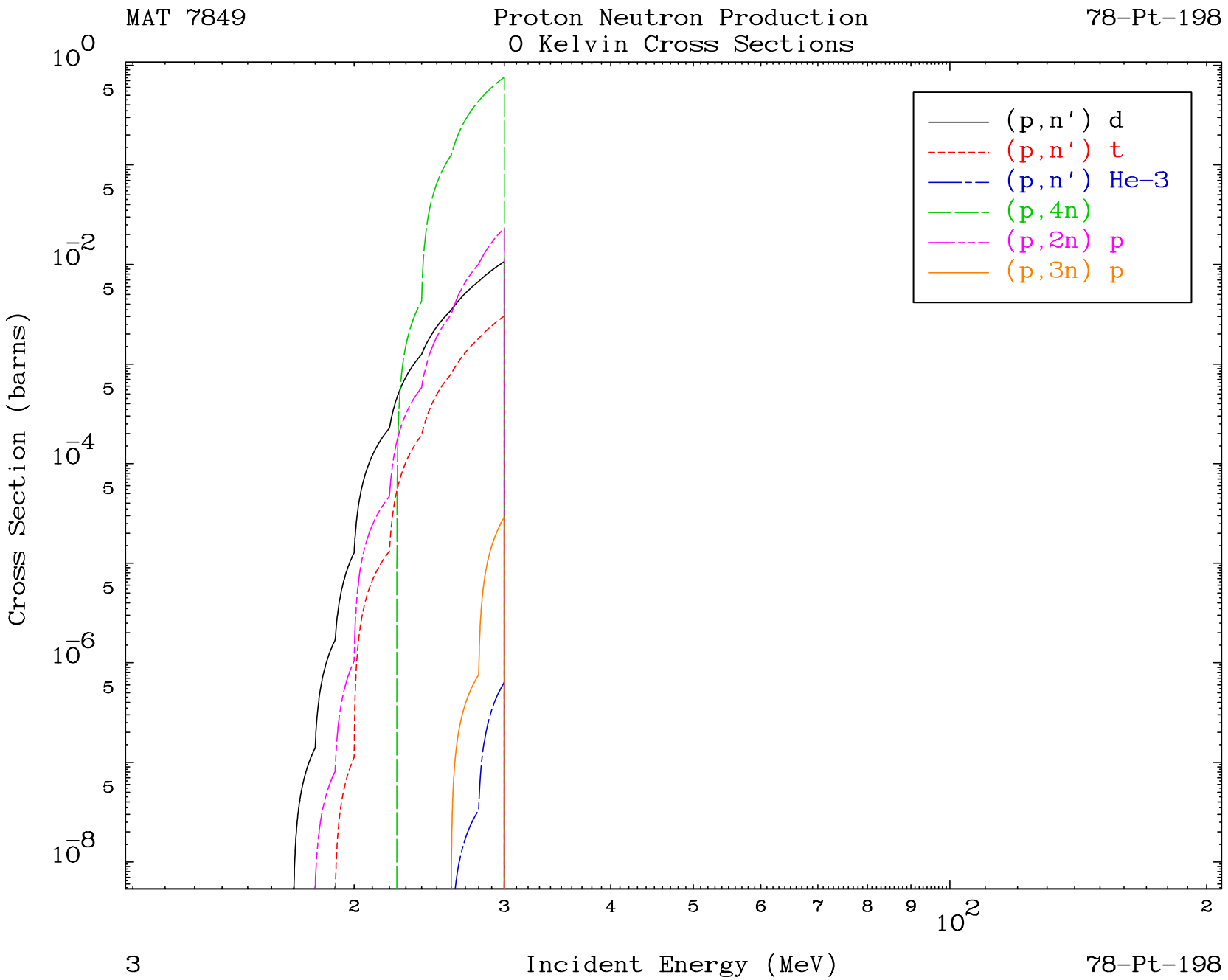
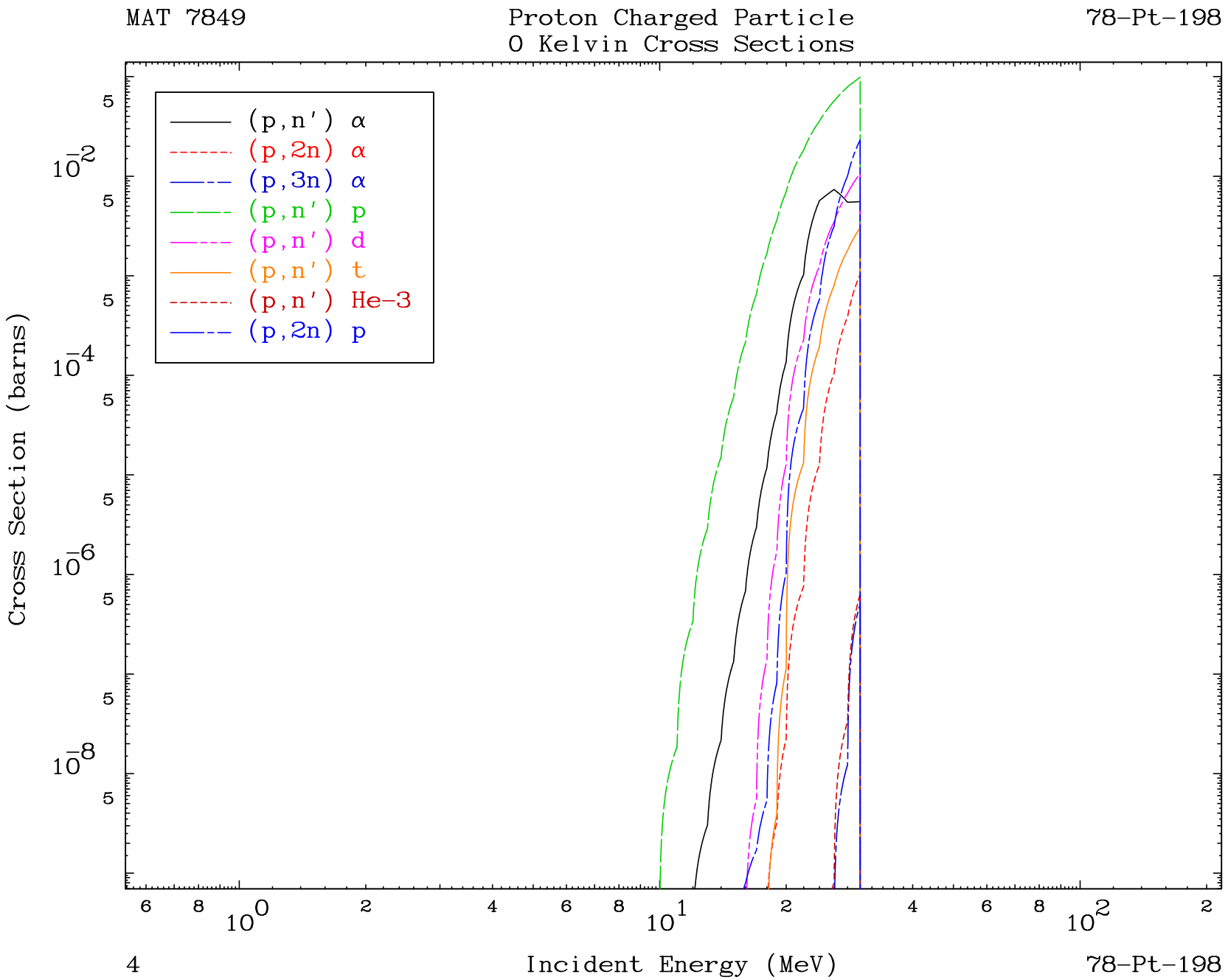
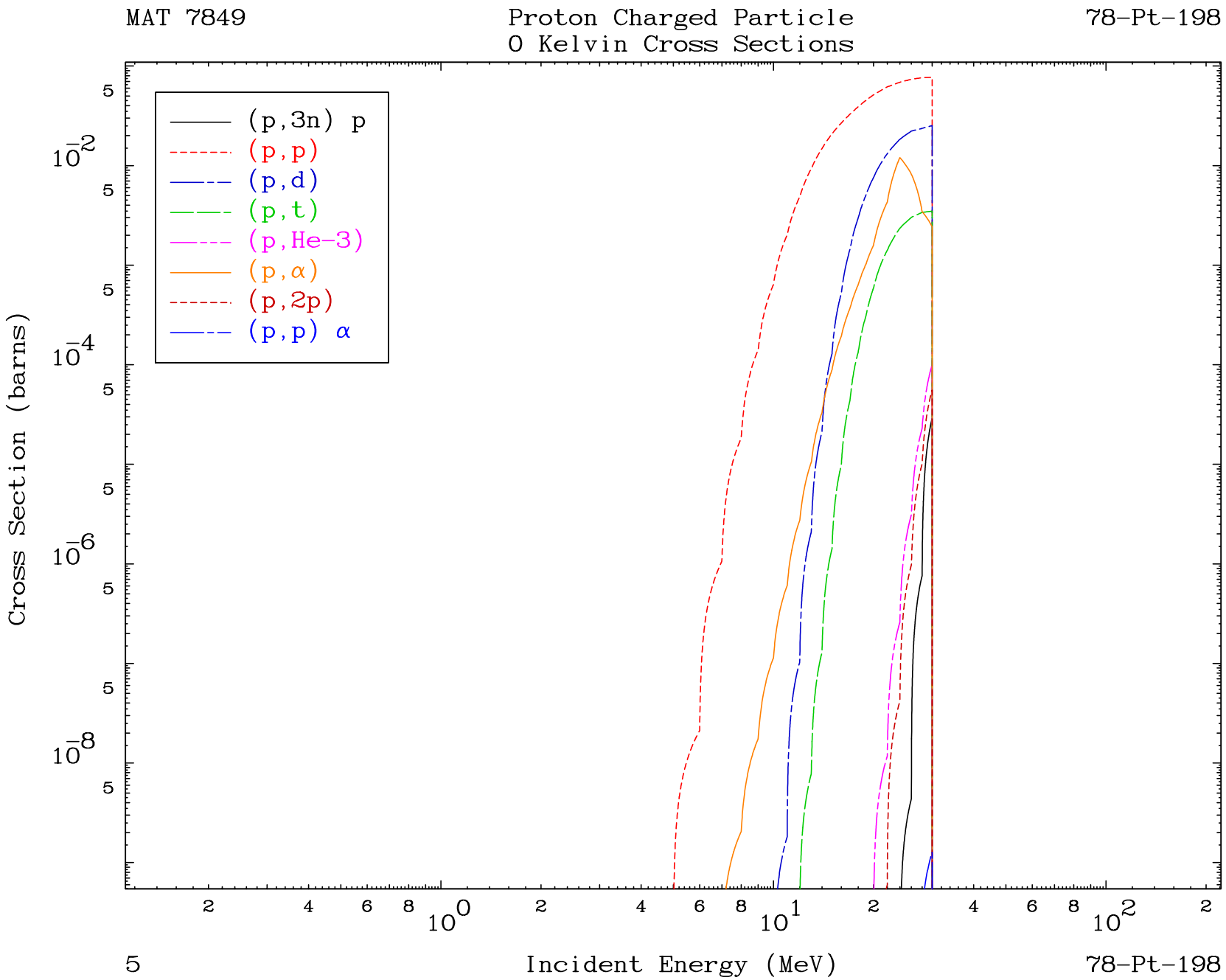
Press Mouse Button to Start

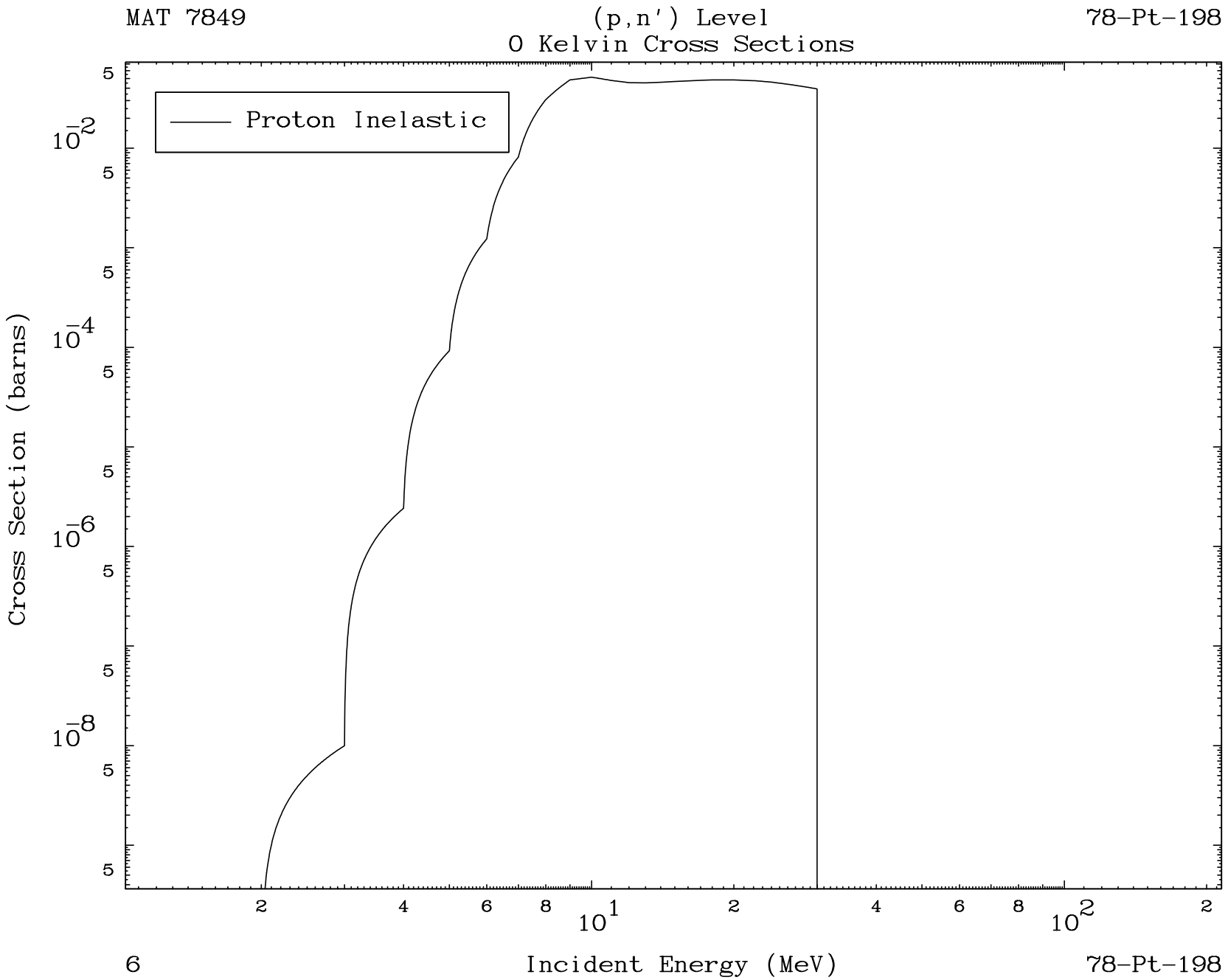

MAT 7849
Proton Major
78-Pt-198
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
1

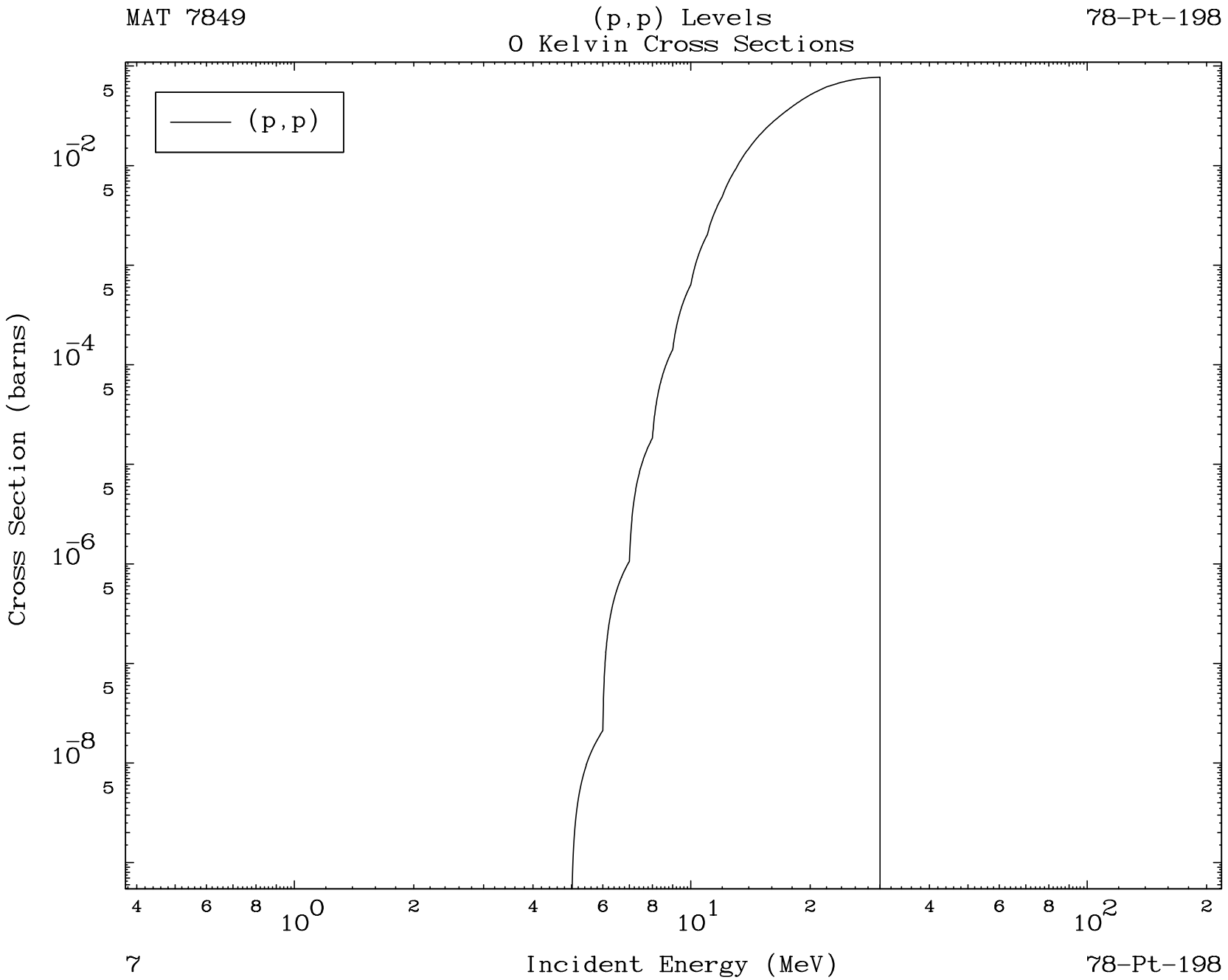

MAT 7849
Proton Neutron Production
0 Kelvin Cross Sections
78-Pt-198
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

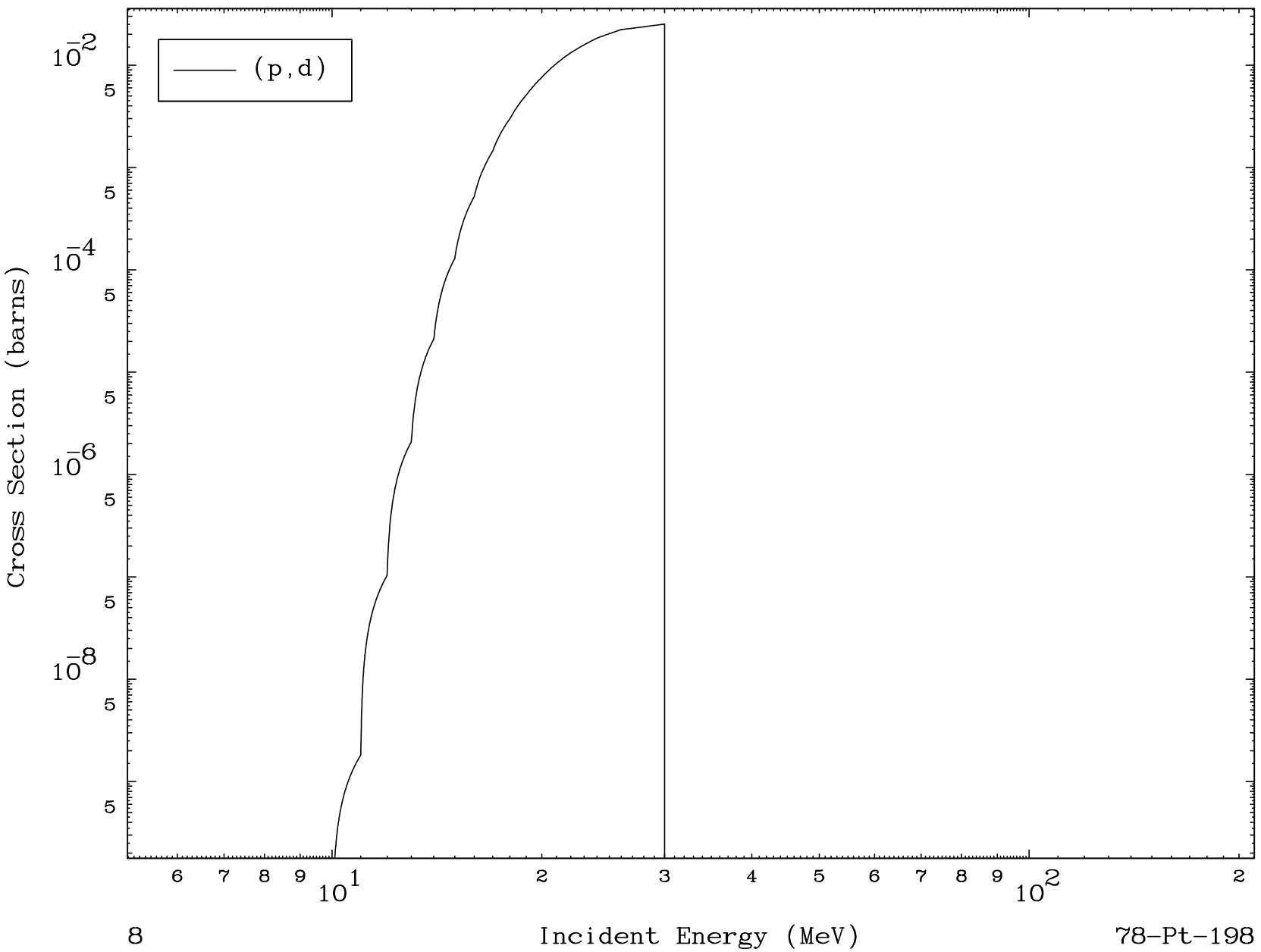

MAT 7849
Proton Neutron Production
0 Kelvin Cross Sections
78-Pt-198
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
3

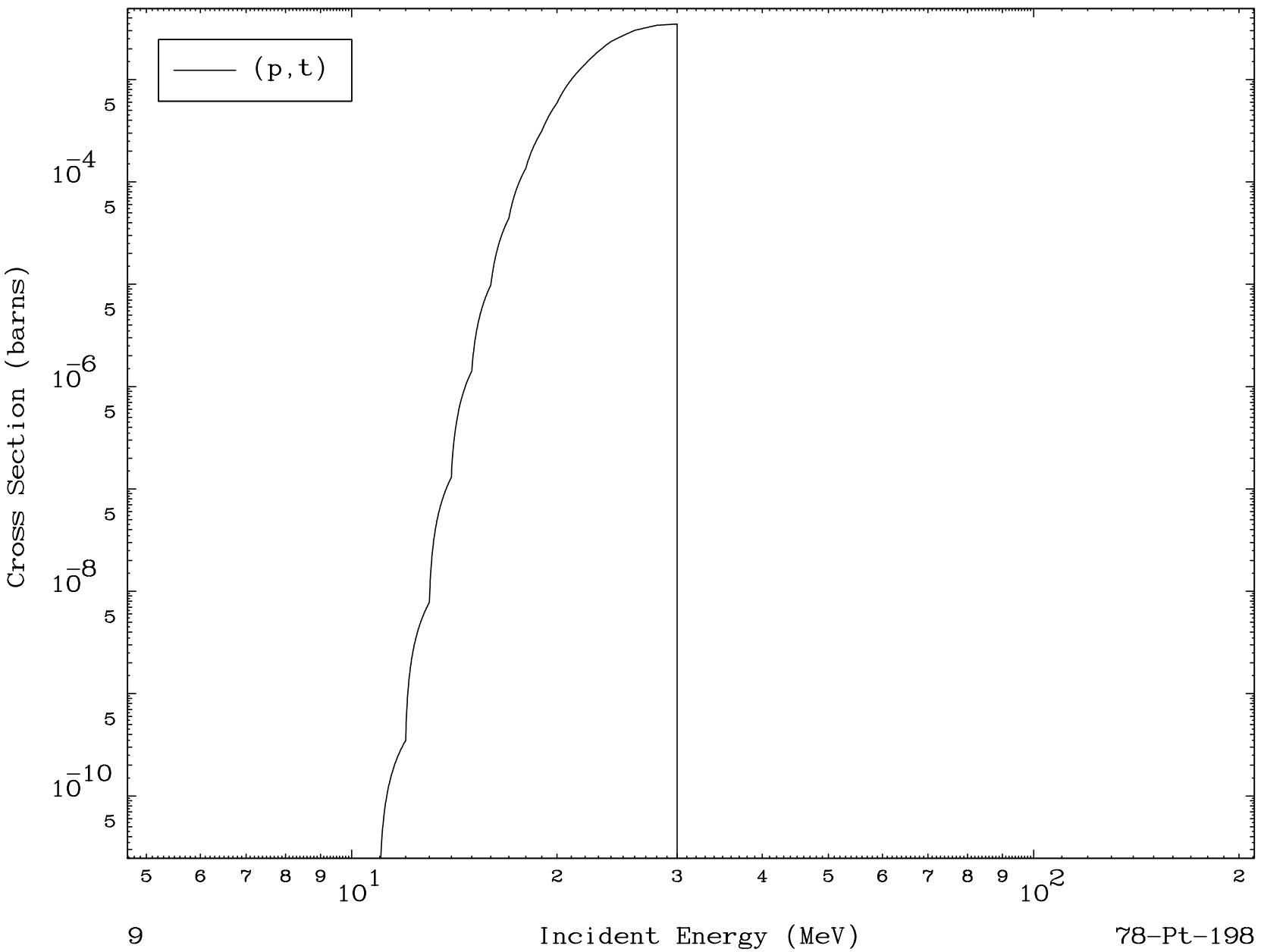

MAT 7849
Proton Charged Particle
0 Kelvin Cross Sections
78-Pt-198
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
78-Pt-198

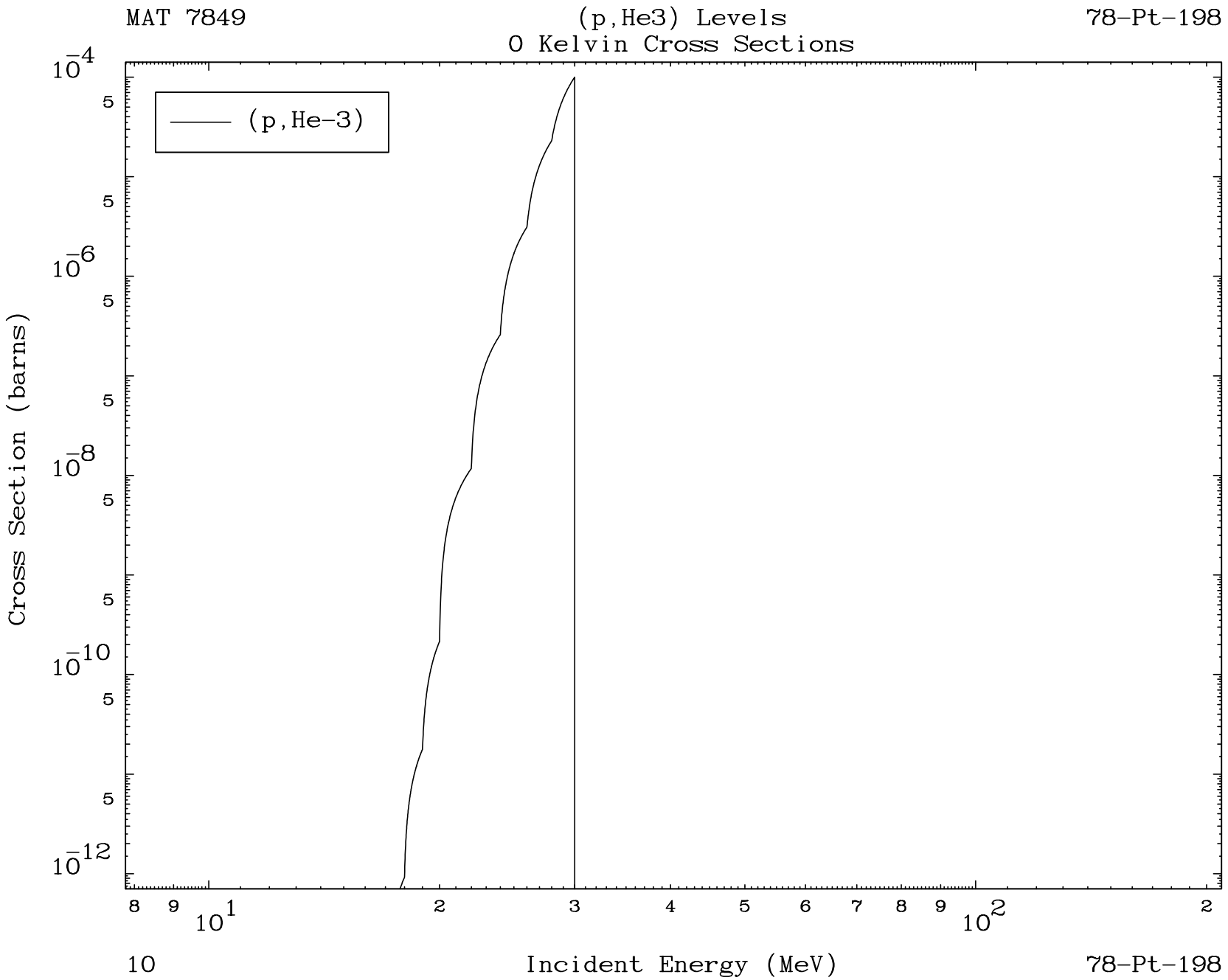

MAT 7849
Proton Charged Particle
0 Kelvin Cross Sections
78-Pt-198
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
(p,p) α
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

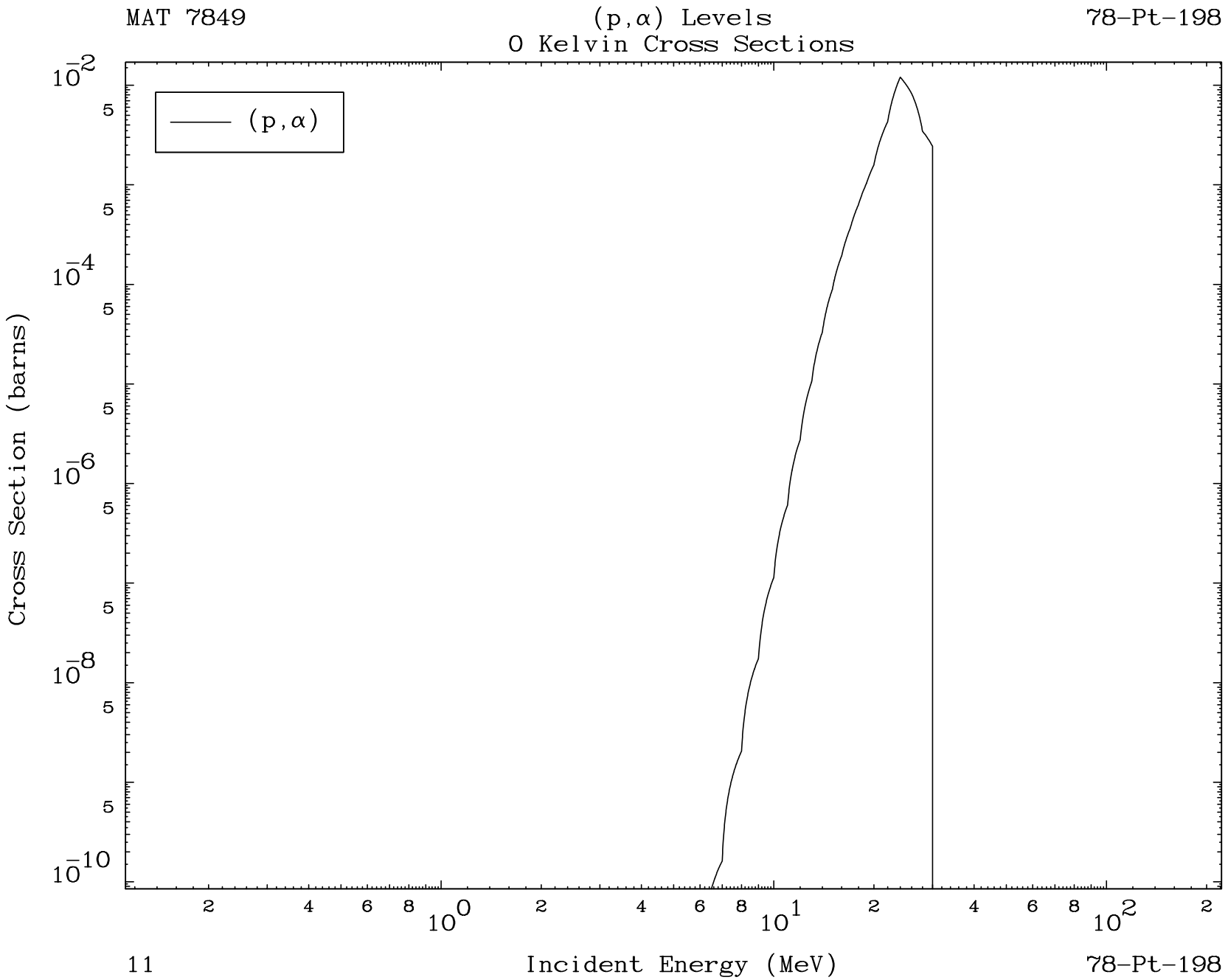

MAT 7849
(p,n') Level
78-Pt-198
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

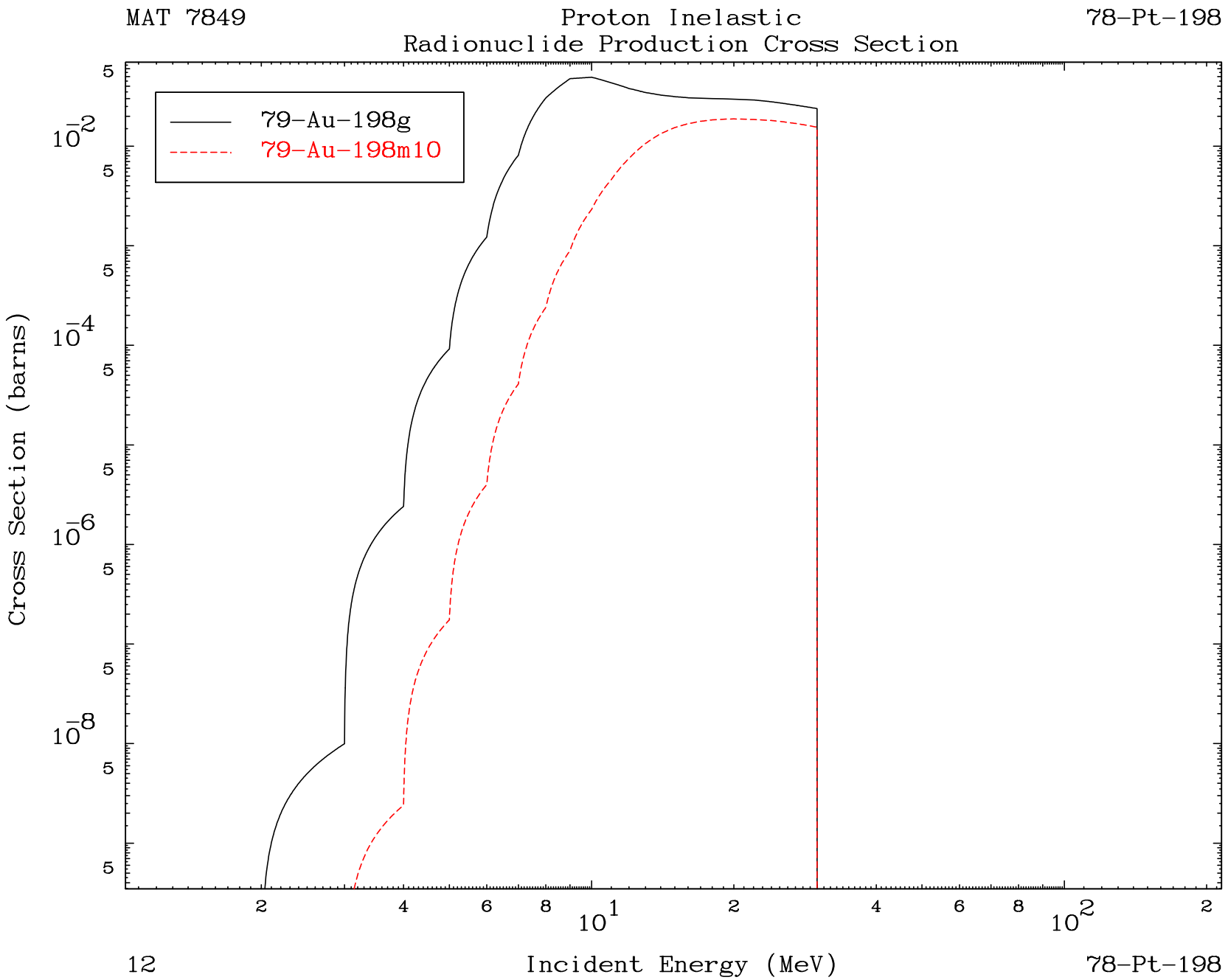

MAT 7849
(p,p) Levels
78-Pt-198
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
78-Pt-198

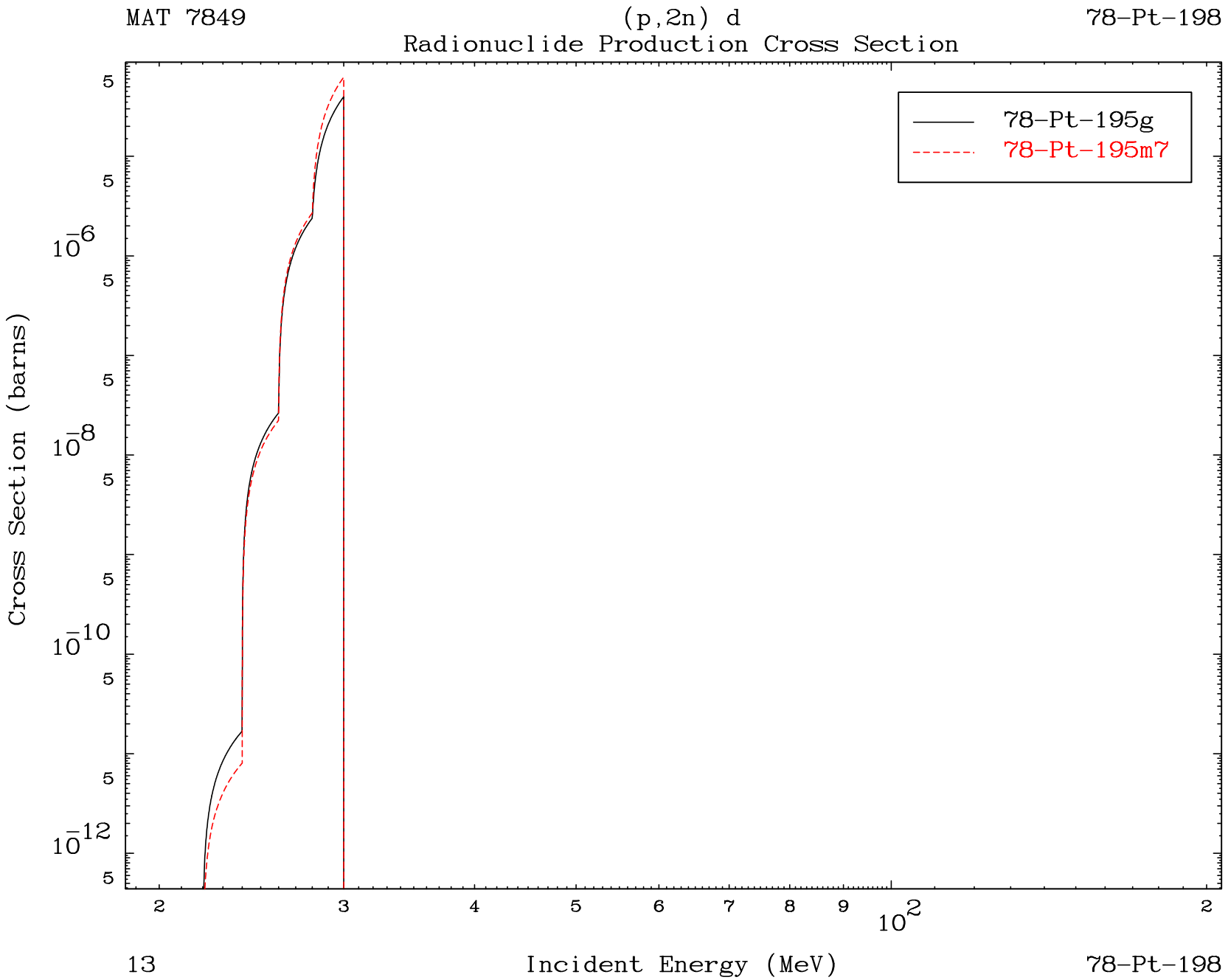

0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
5
6 7 8 9 101 2 3 4 5 6 7 8 9 102 2
Incident Energy (MeV)

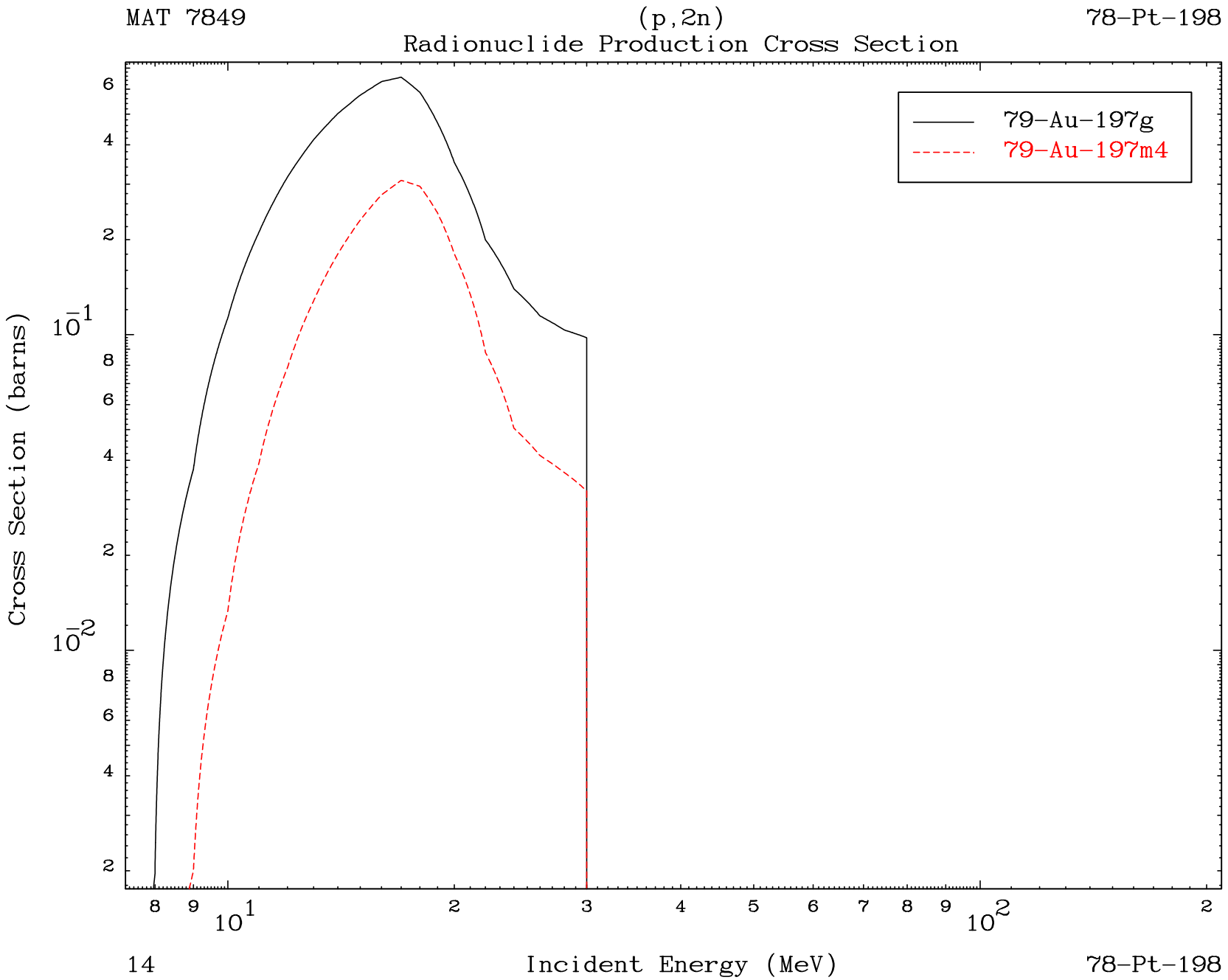

0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

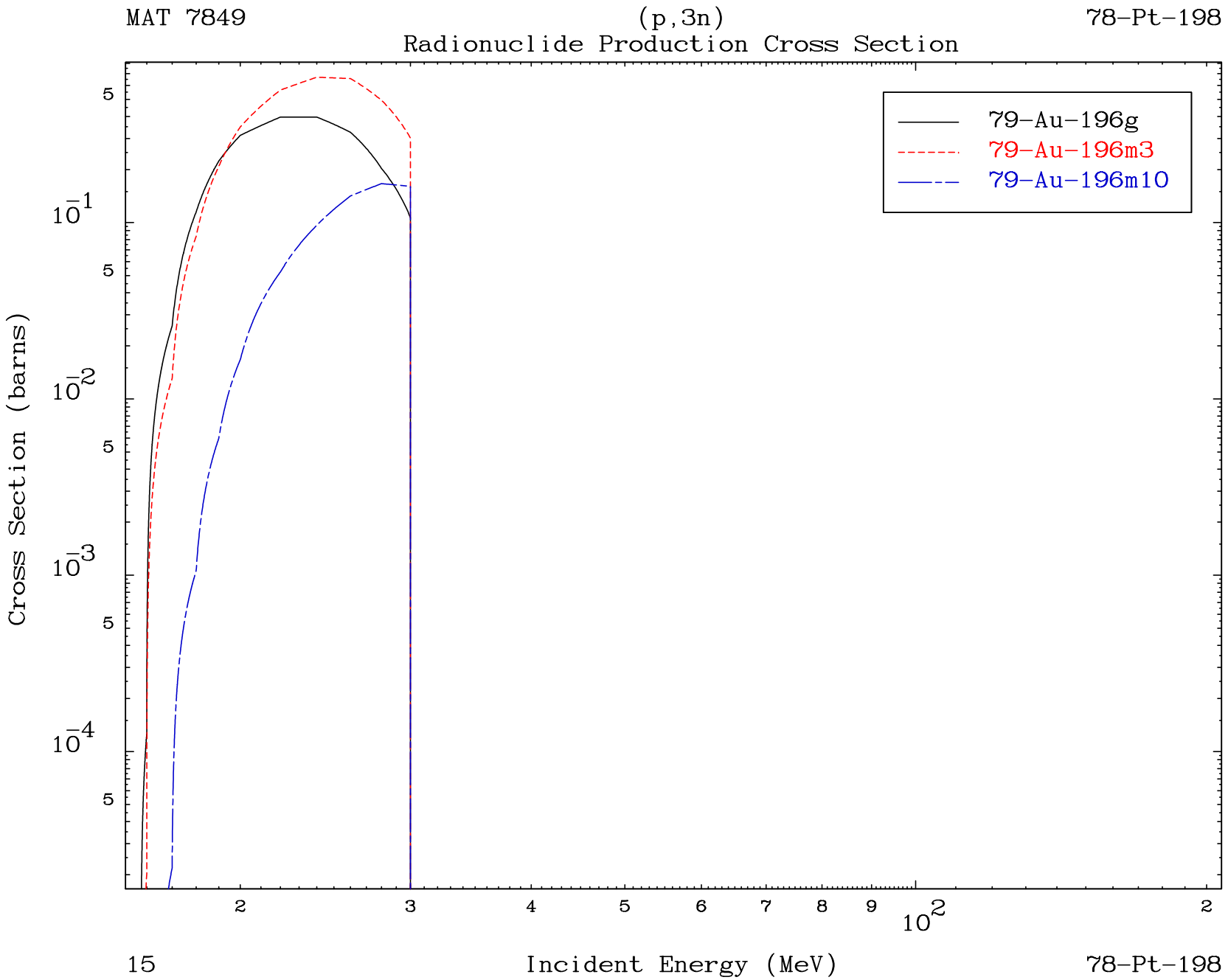

MAT 7849
(p,He3) Levels
78-Pt-198
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

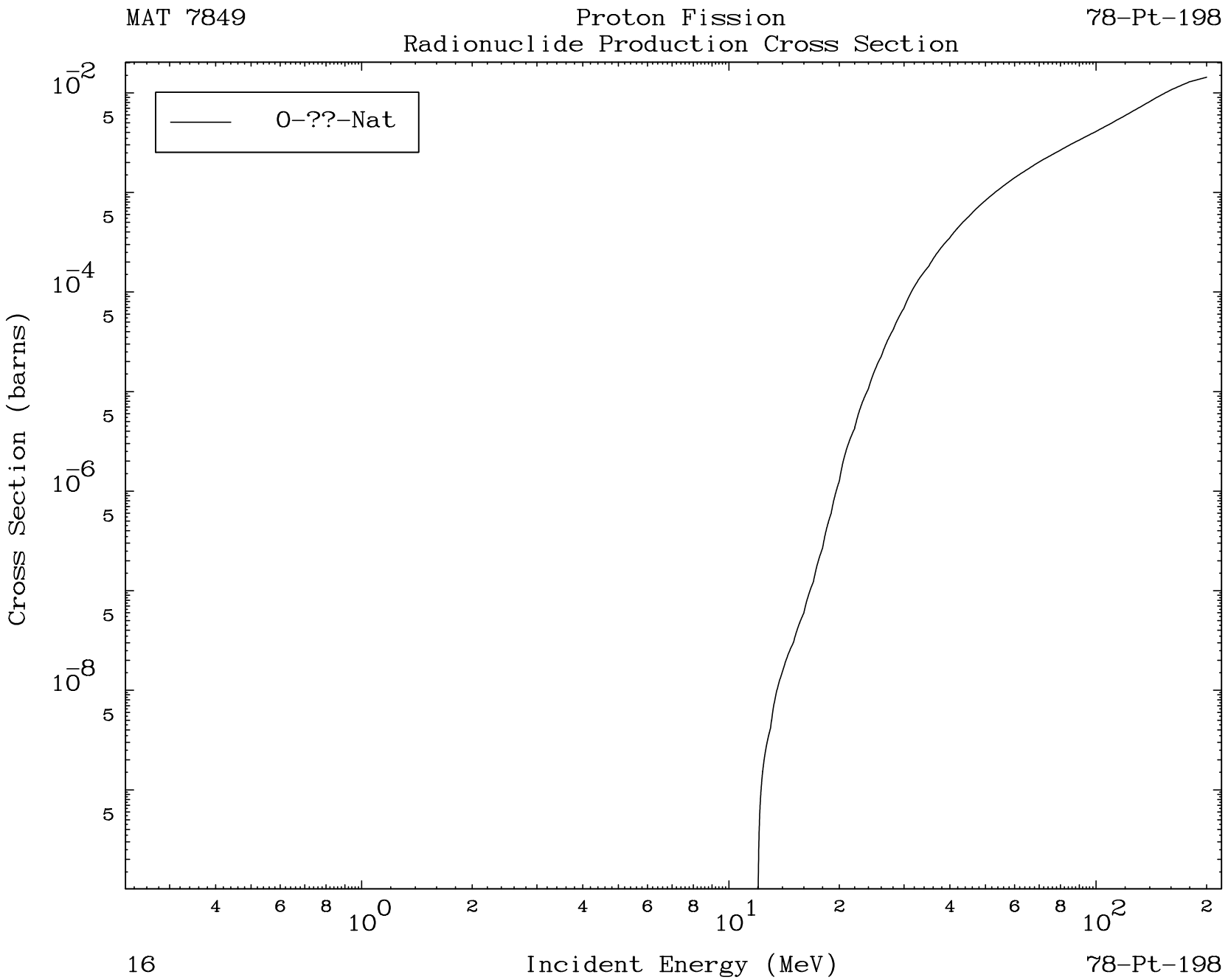

MAT 7849
(p,α) Levels
78-Pt-198
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
78-Pt-198

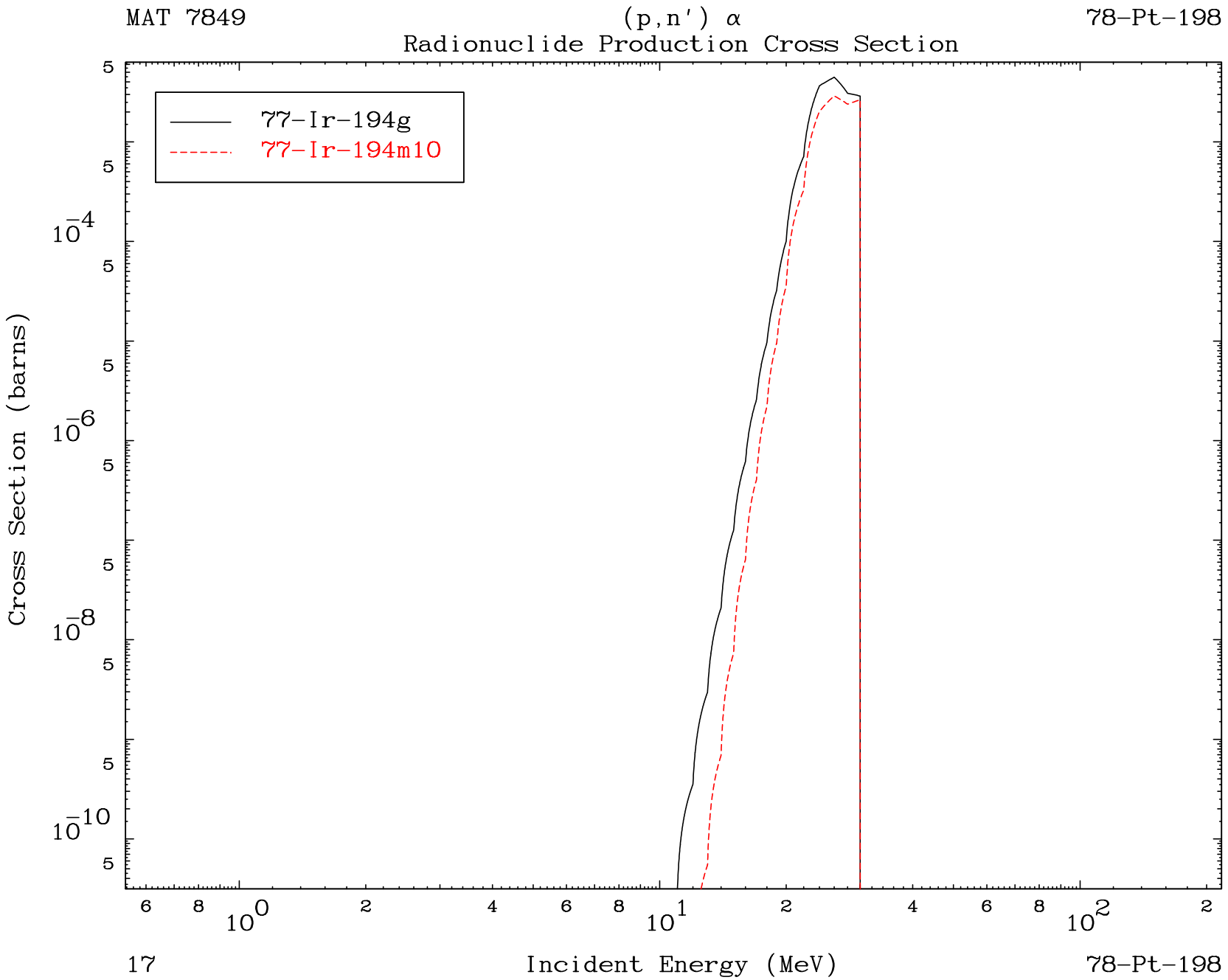

MAT 7849
Proton Inelastic
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m10
Cross Section (barns)
Incident Energy (MeV)
12
78-Pt-198

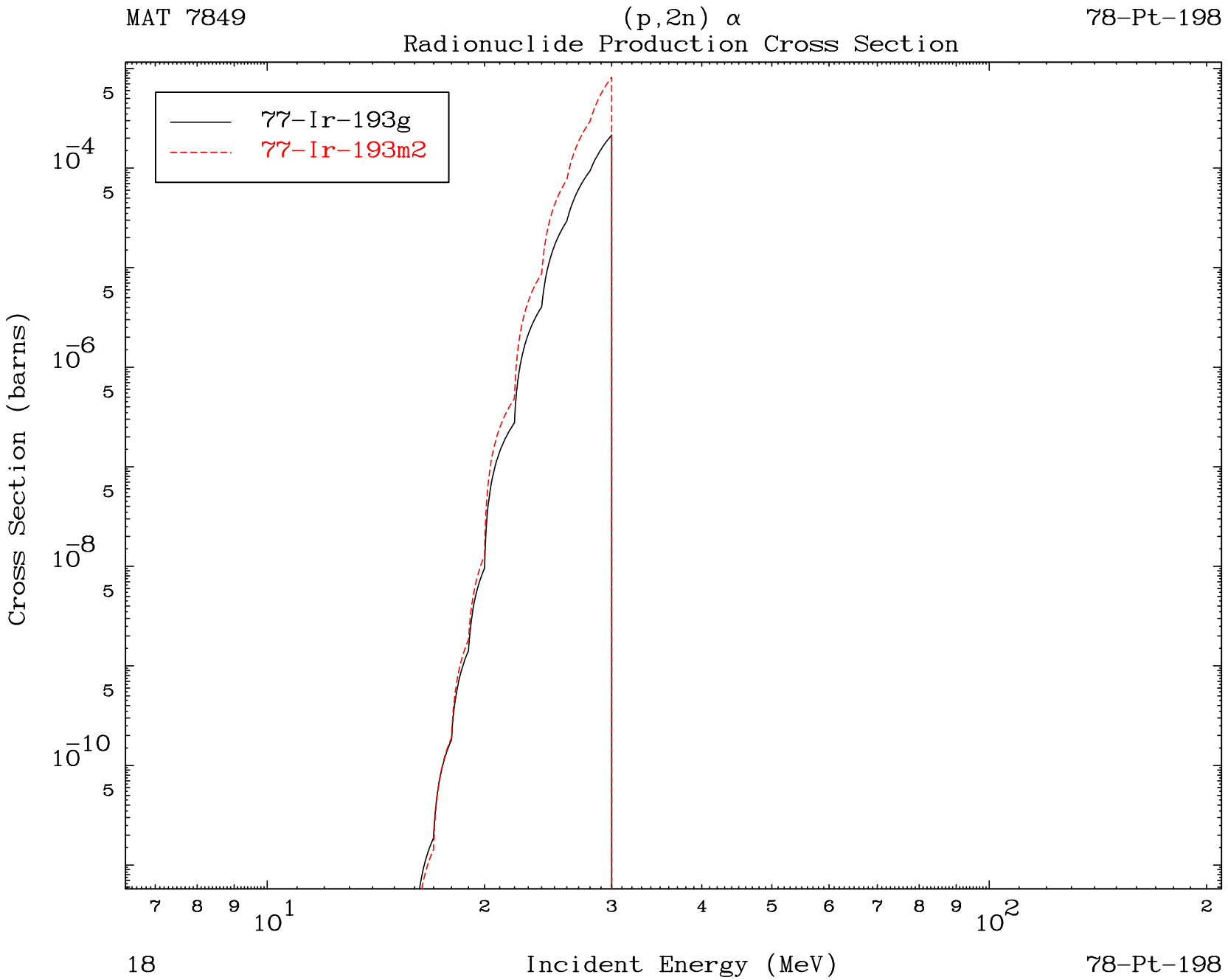

MAT 7849
(p,2n) d
78-Pt-198
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
13
78-Pt-198

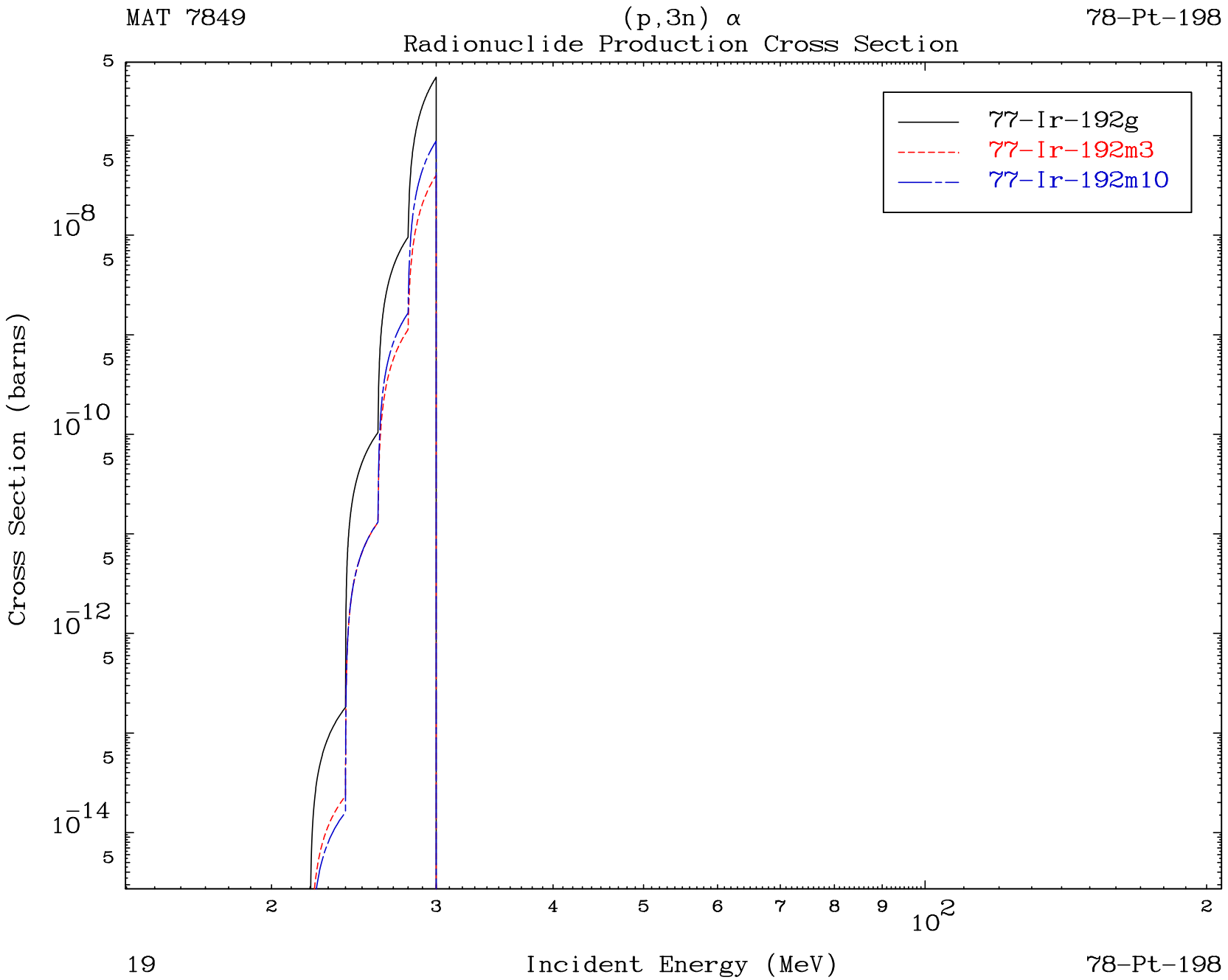

MAT 7849
(p,2n)
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
14
78-Pt-198

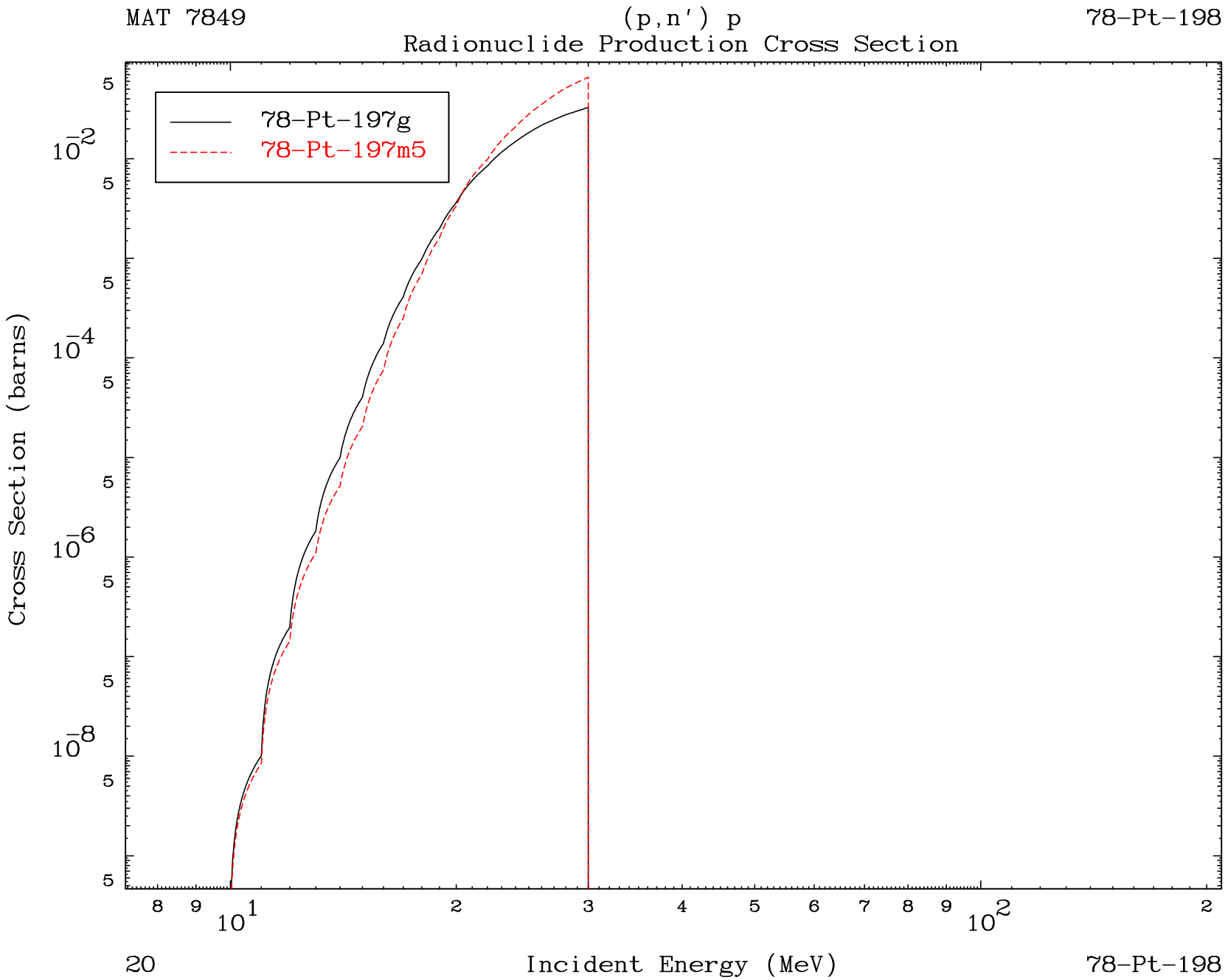

MAT 7849
(p,3n)
78-Pt-198
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m10
Cross Section (barns)
Incident Energy (MeV)
15
78-Pt-198

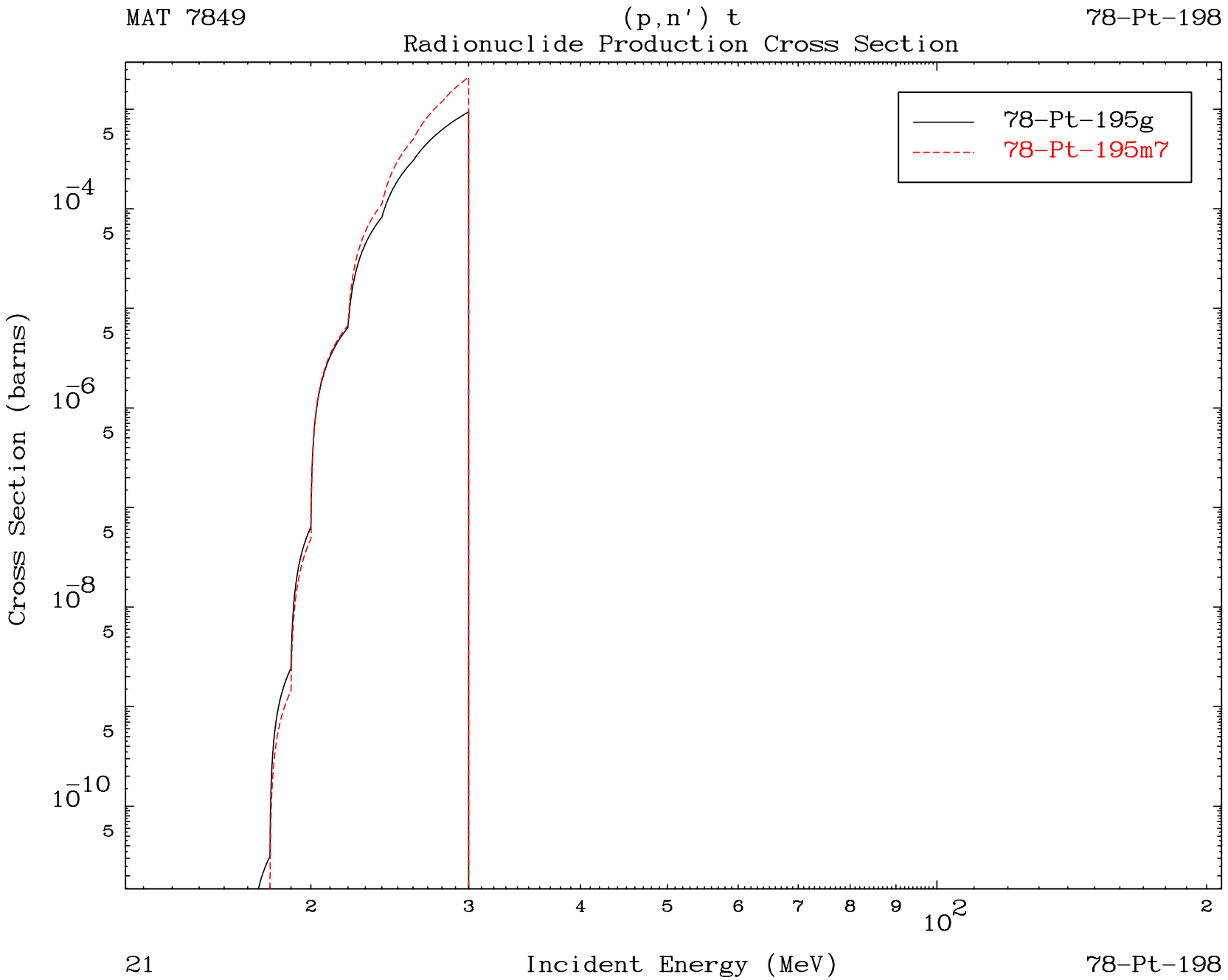

MAT 7849
Proton Fission
78-Pt-198
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
16
78-Pt-198

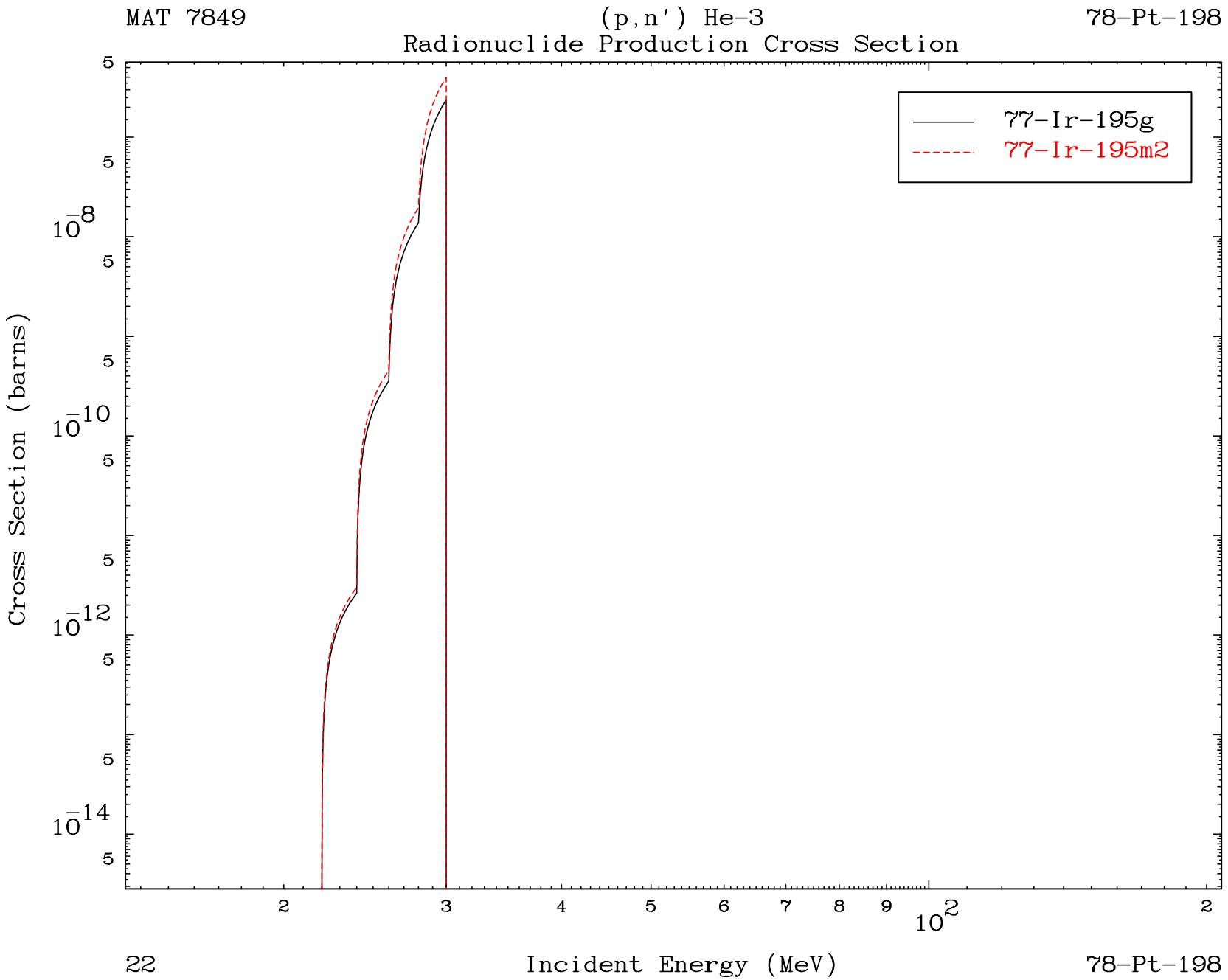

MAT 7849
(p,n') α
78-Pt-198
Radionuclide Production Cross Section
77-Ir-194g
77-Ir-194m10
Cross Section (barns)
Incident Energy (MeV)
17
78-Pt-198

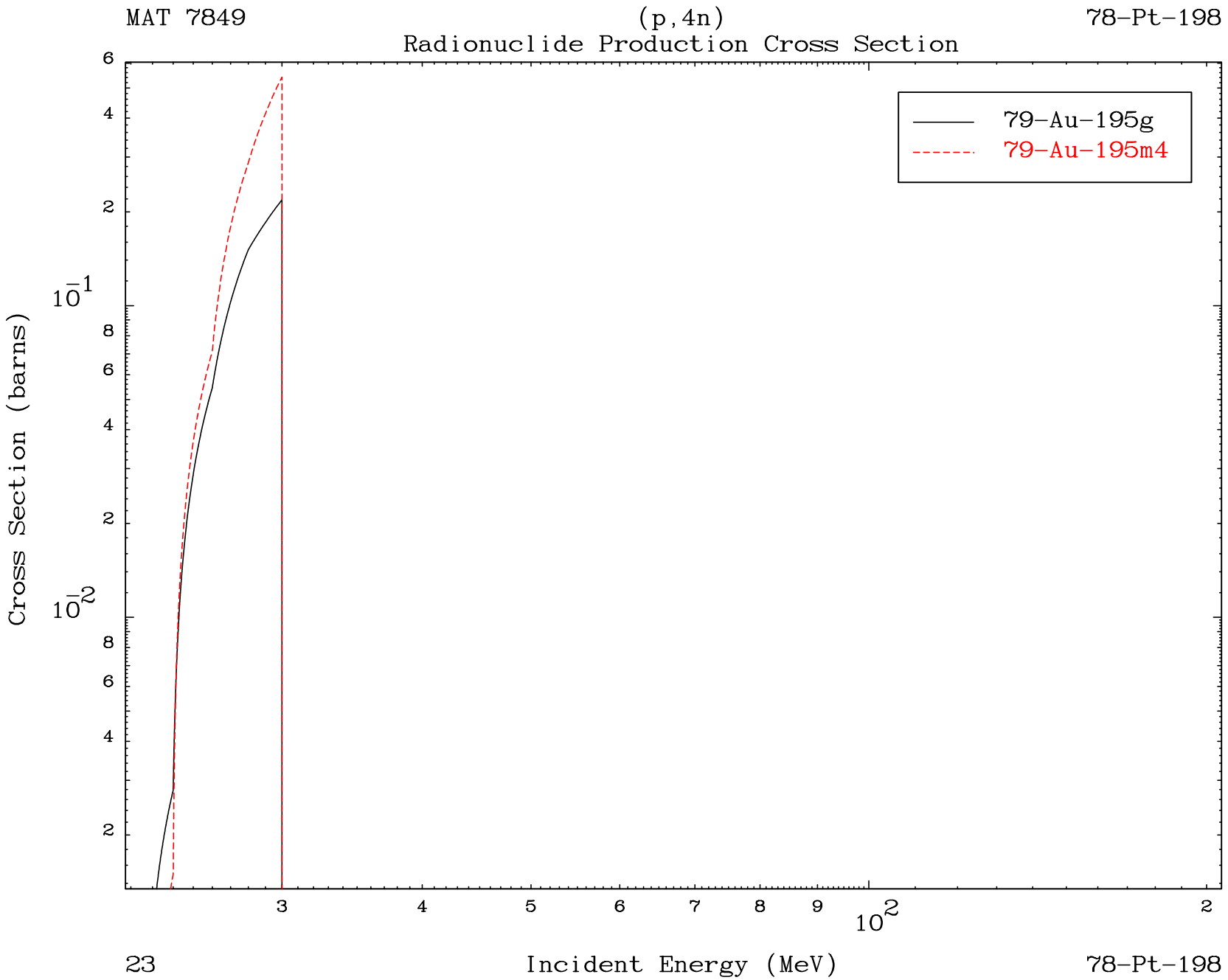

MAT 7849
(p,2n) α
78-Pt-198
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
Incident Energy (MeV)
18
78-Pt-198

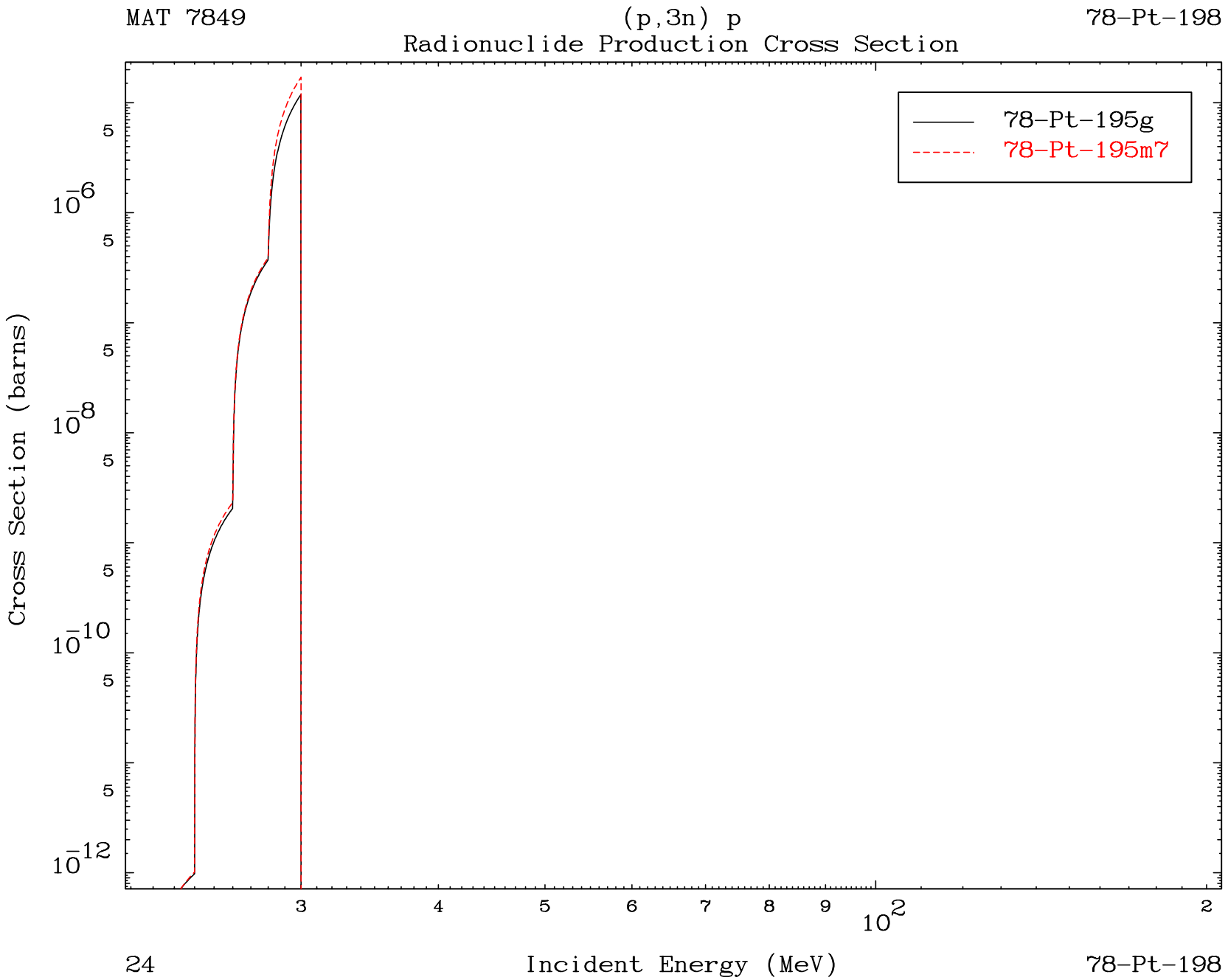

MAT 7849
(p,3n) α
78-Pt-198
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m10
Cross Section (barns)
Incident Energy (MeV)
19
78-Pt-198

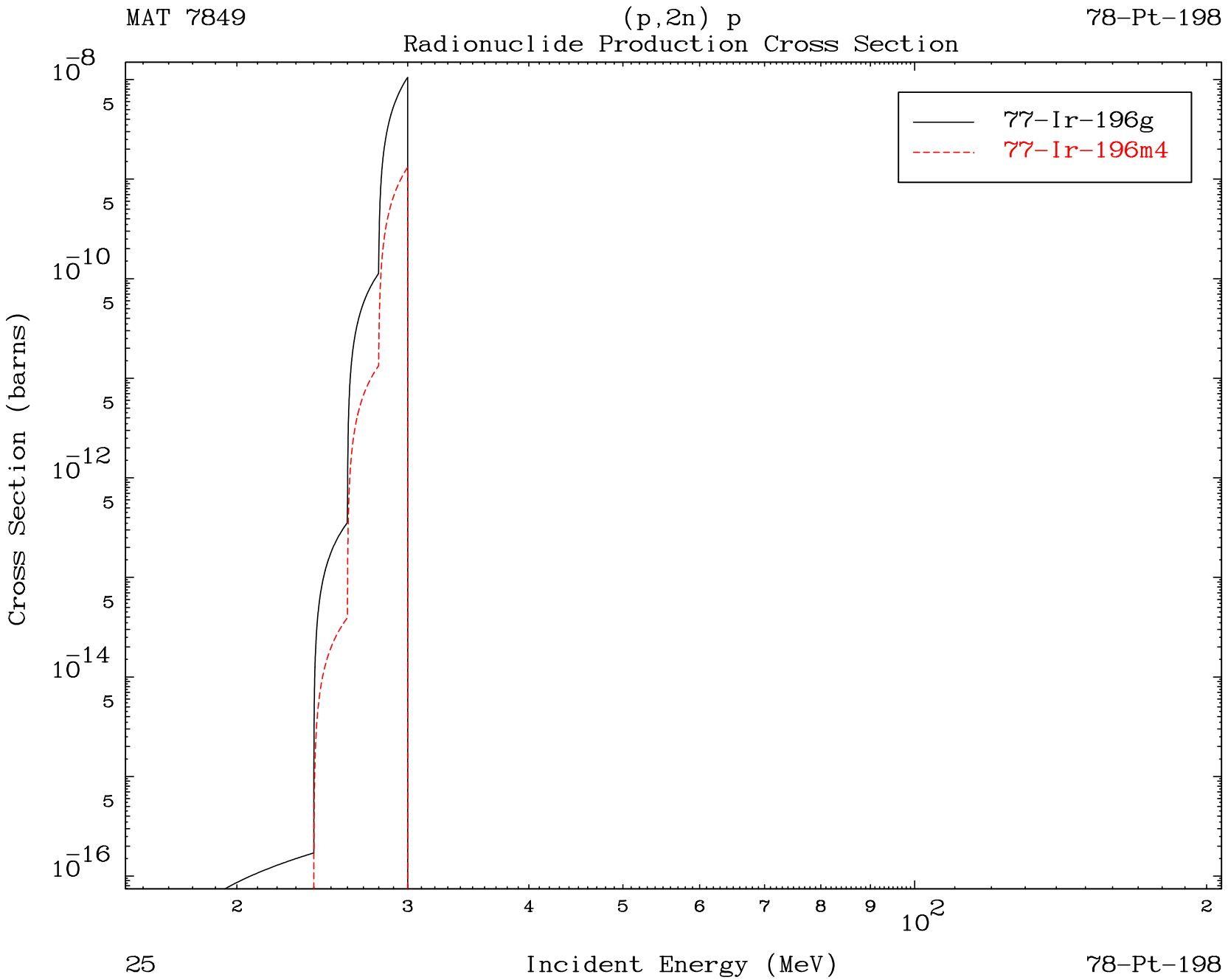

MAT 7849
(p,n') p
78-Pt-198
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m5
Cross Section (barns)
Incident Energy (MeV)
20
78-Pt-198

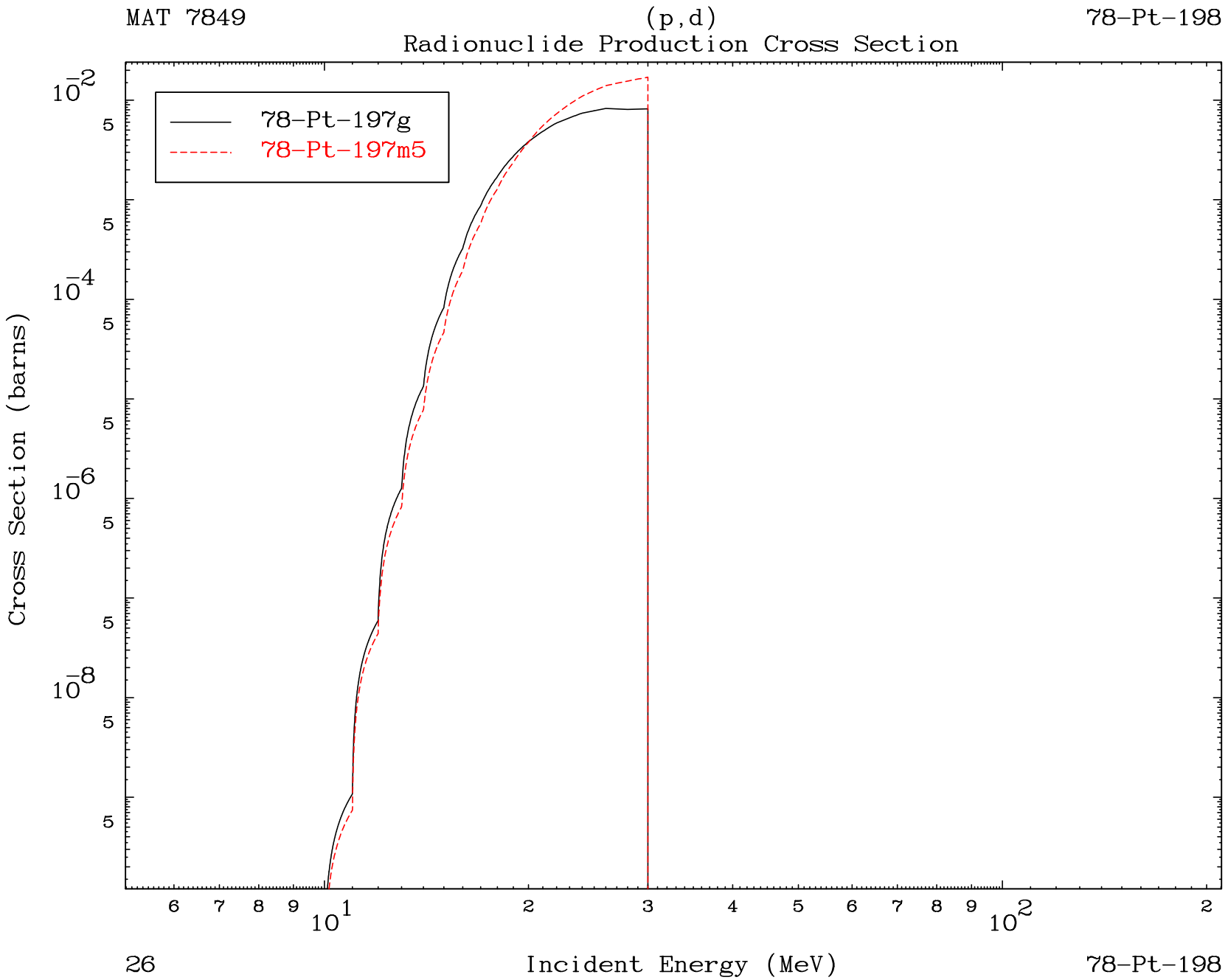

MAT 7849
(p,n') t
78-Pt-198
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
78-Pt-198

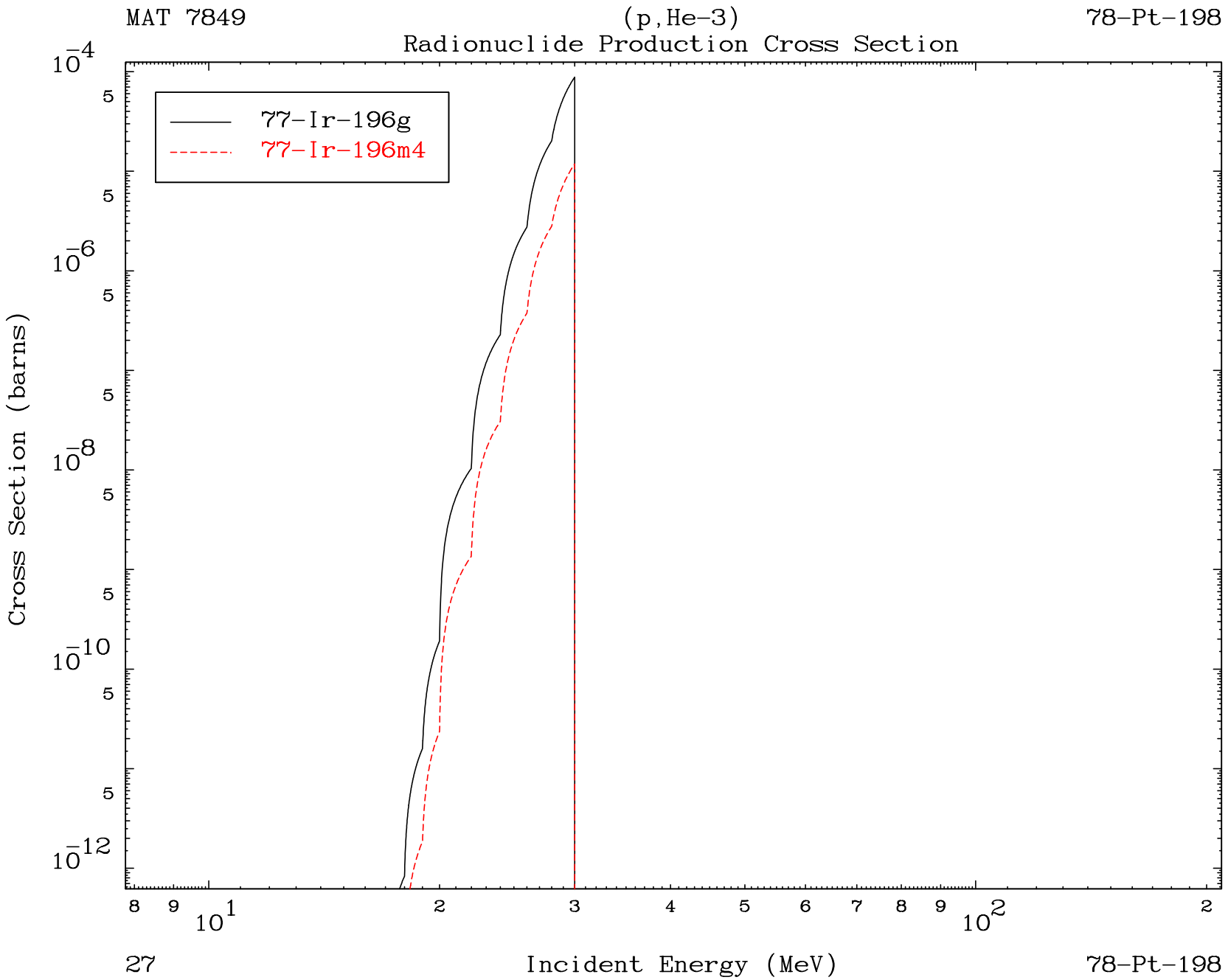

MAT 7849
(p,n') He-3
78-Pt-198
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
78-Pt-198

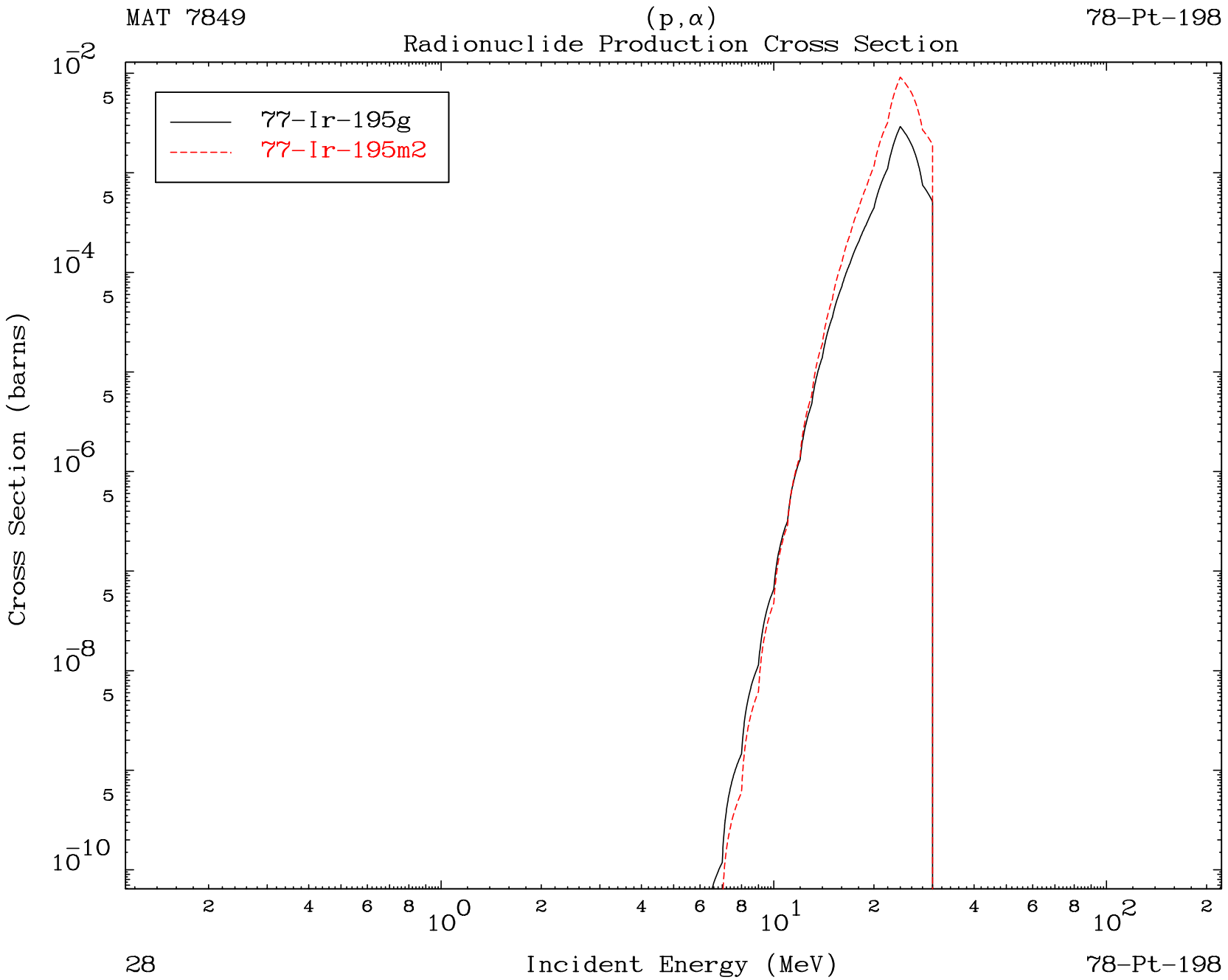

MAT 7849
(p,4n)
78-Pt-198
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
23
78-Pt-198

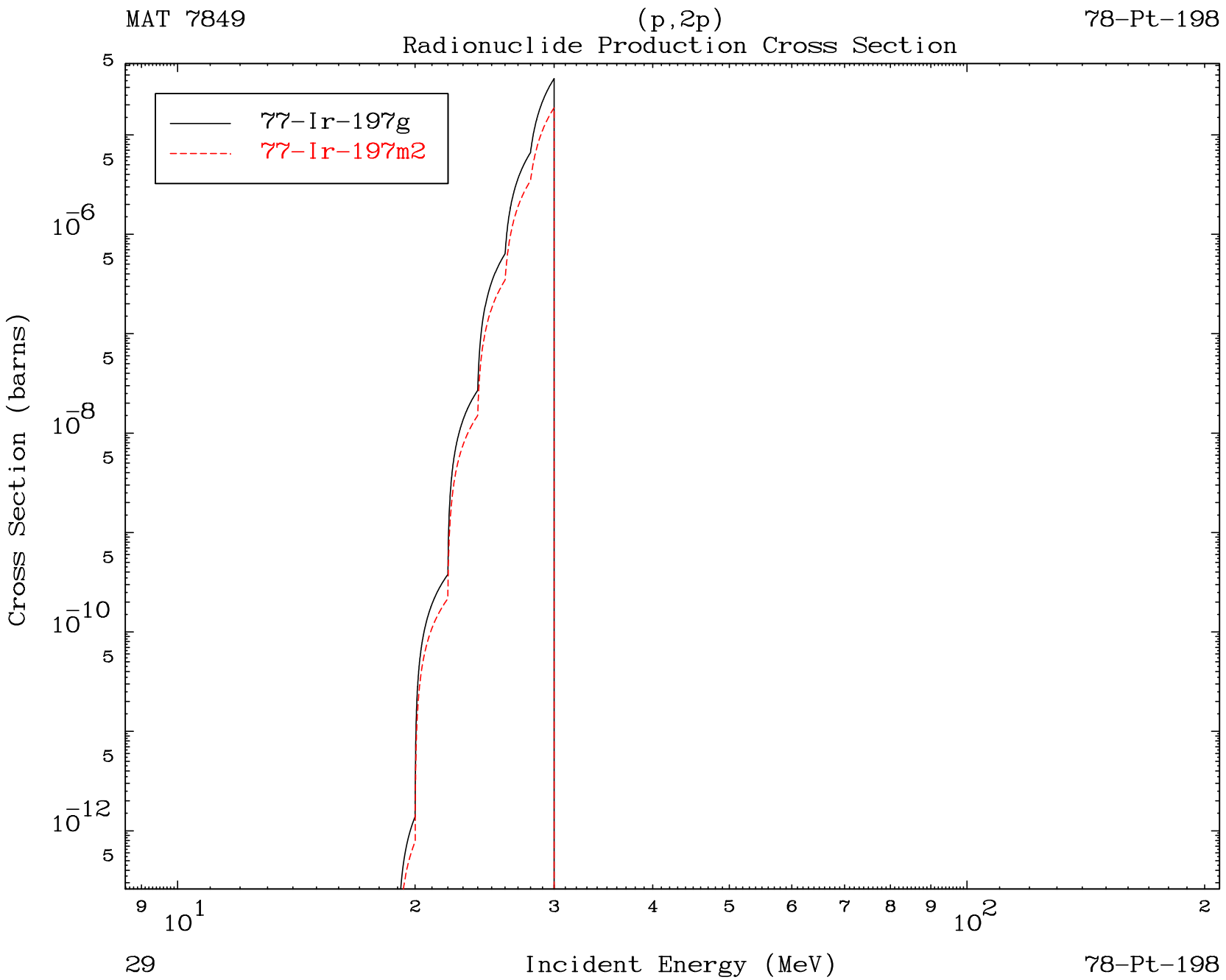

MAT 7849
(p,3n) p
78-Pt-198
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
78-Pt-198


MAT 7849
(p,2n) p
78-Pt-198
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
Incident Energy (MeV)
25
78-Pt-198


MAT 7849
(p,d)
78-Pt-198
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m5
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
26
78-Pt-198


MAT 7849
(p,He-3)
78-Pt-198
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
Incident Energy (MeV)
27
78-Pt-198


MAT 7849
(p,α)
78-Pt-198
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
Incident Energy (MeV)
28
78-Pt-198


MAT 7849
(p,2p)
78-Pt-198
Radionuclide Production Cross Section
77-Ir-197g
77-Ir-197m2
Cross Section (barns)
Incident Energy (MeV)
29
78-Pt-198