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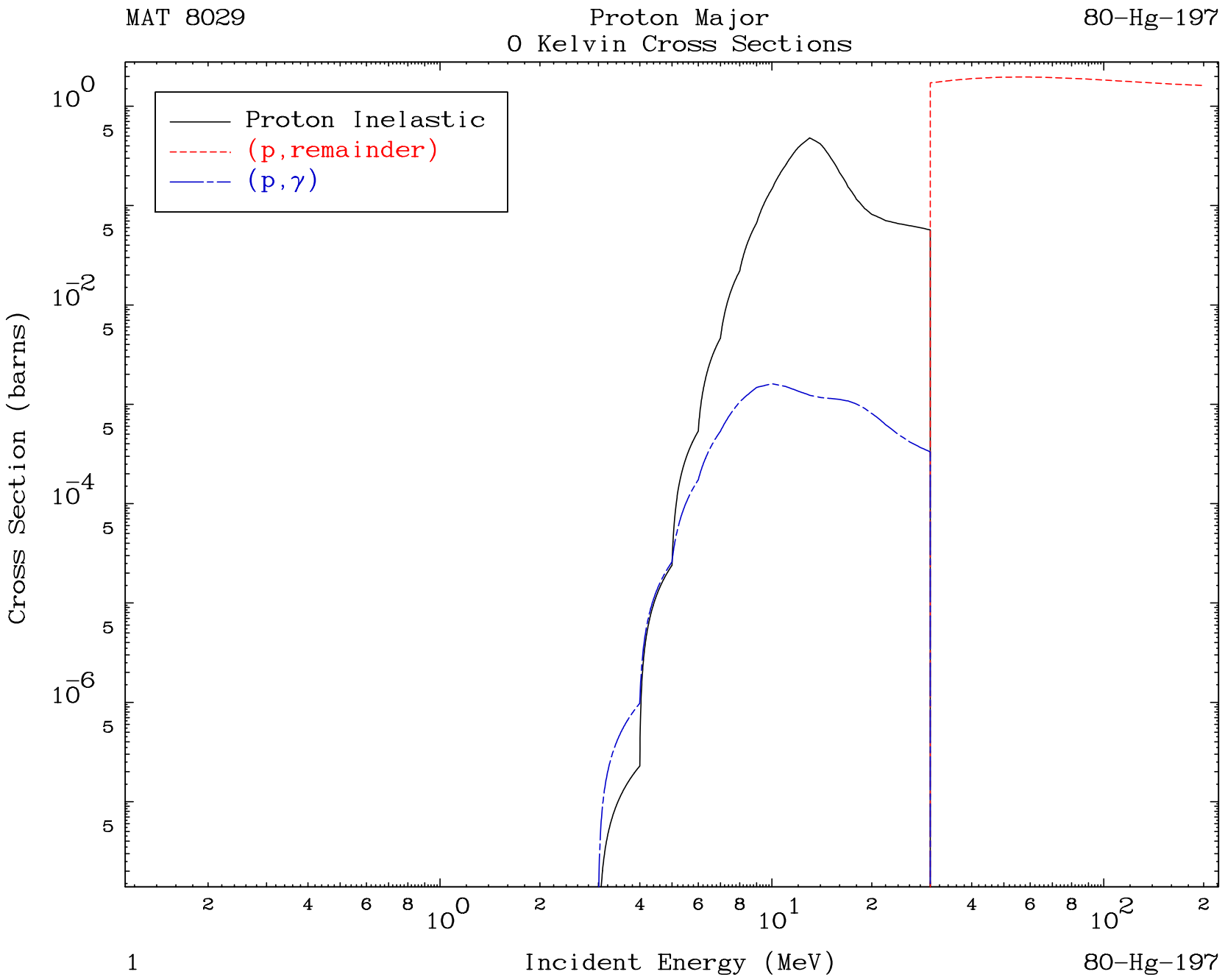
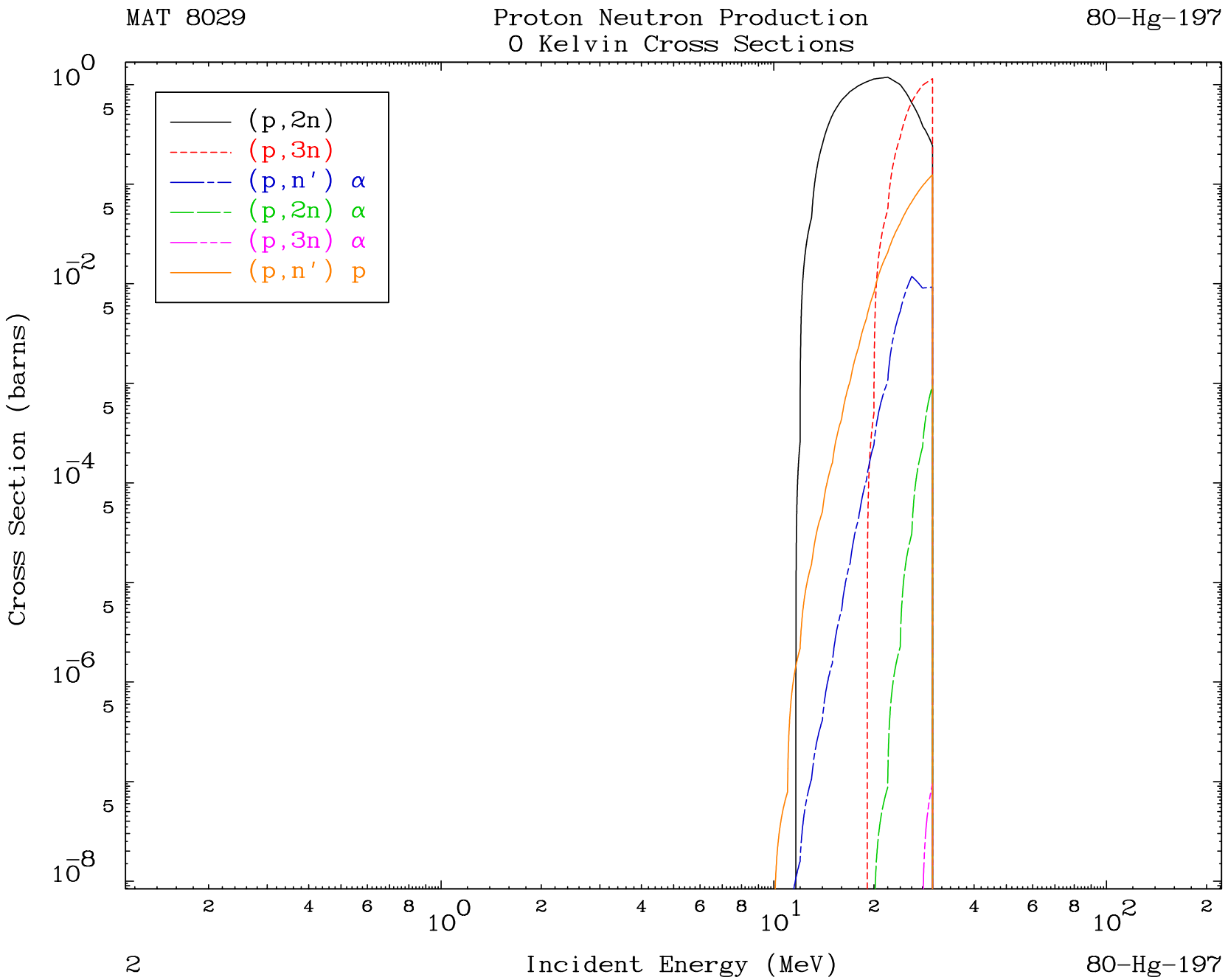
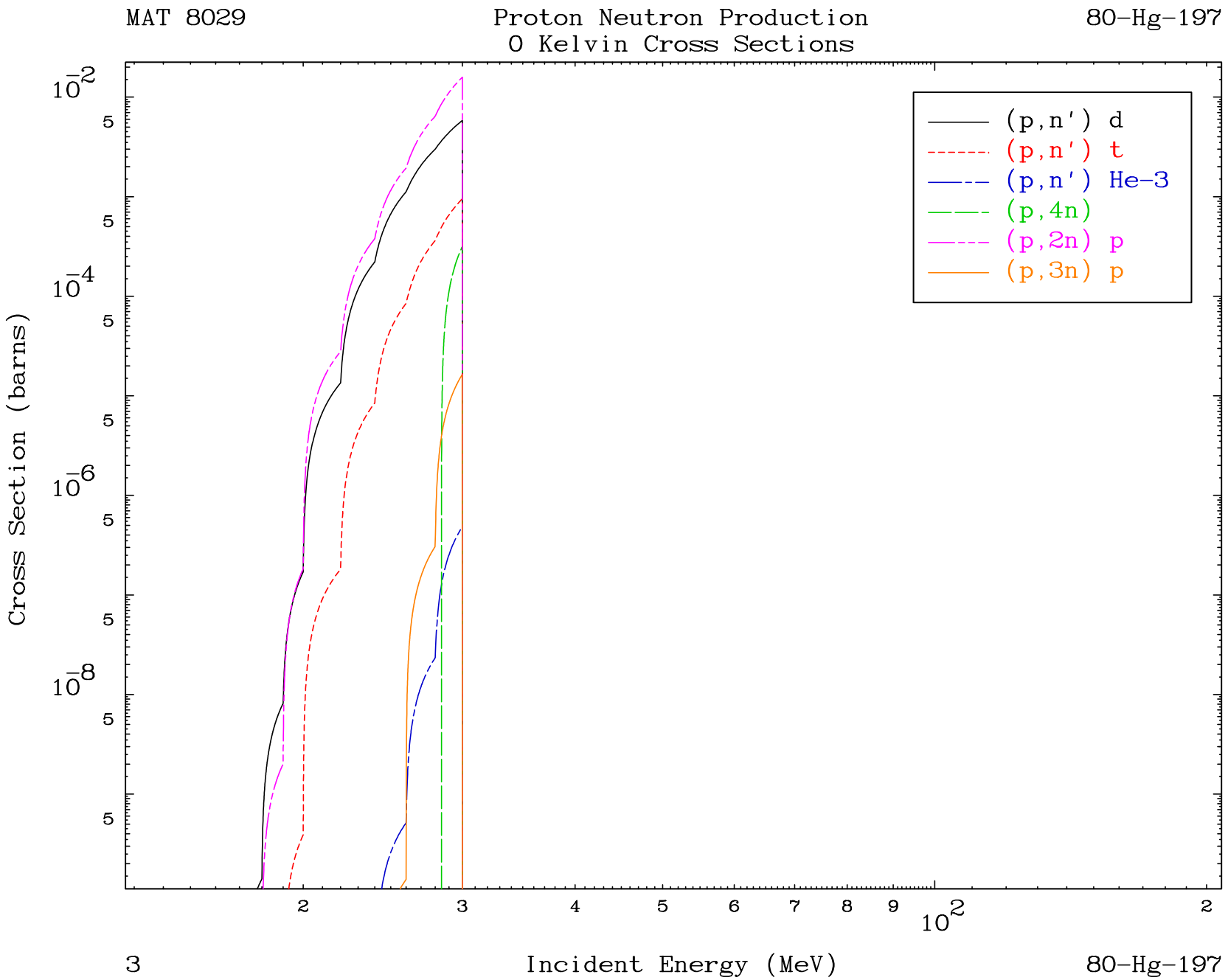
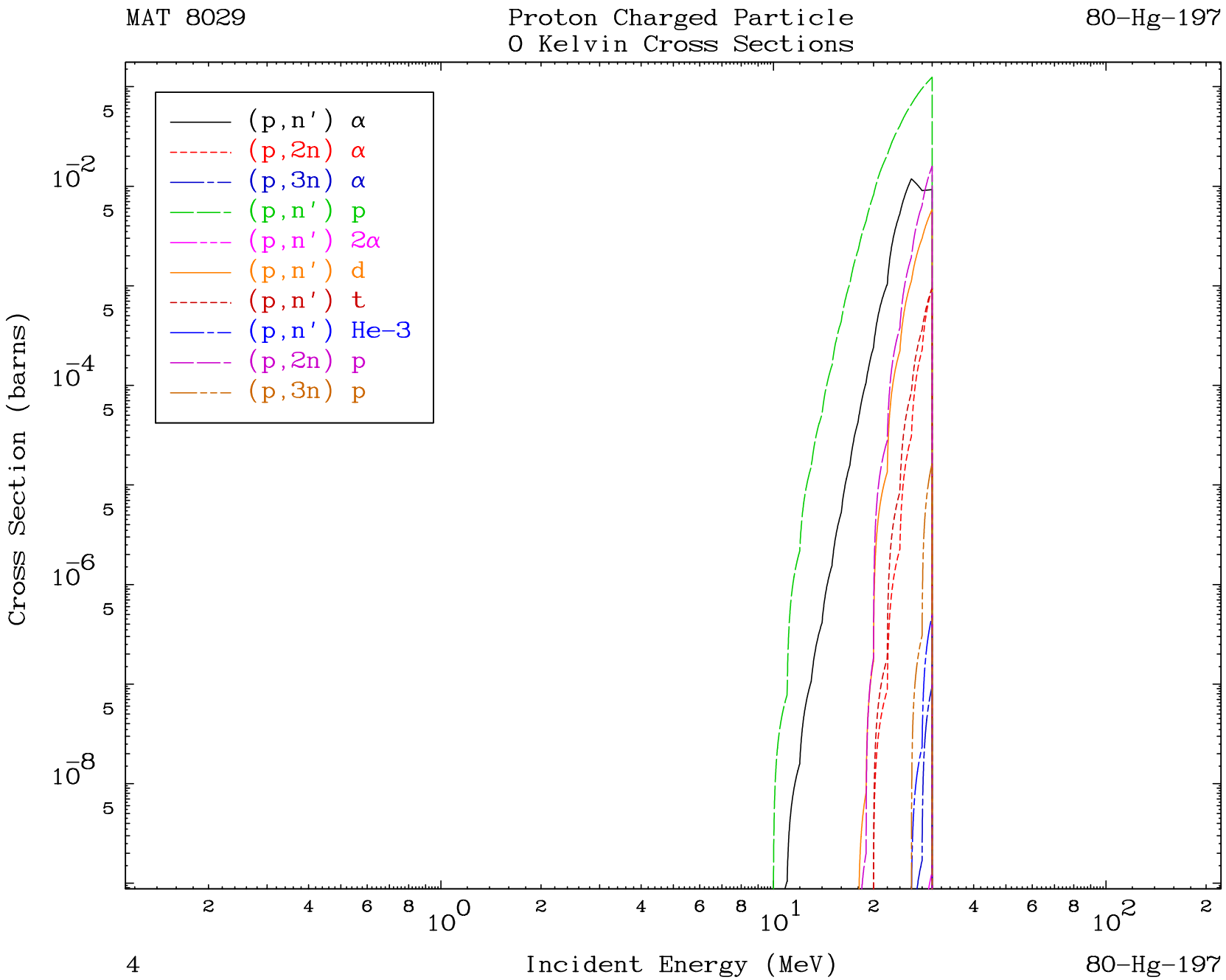
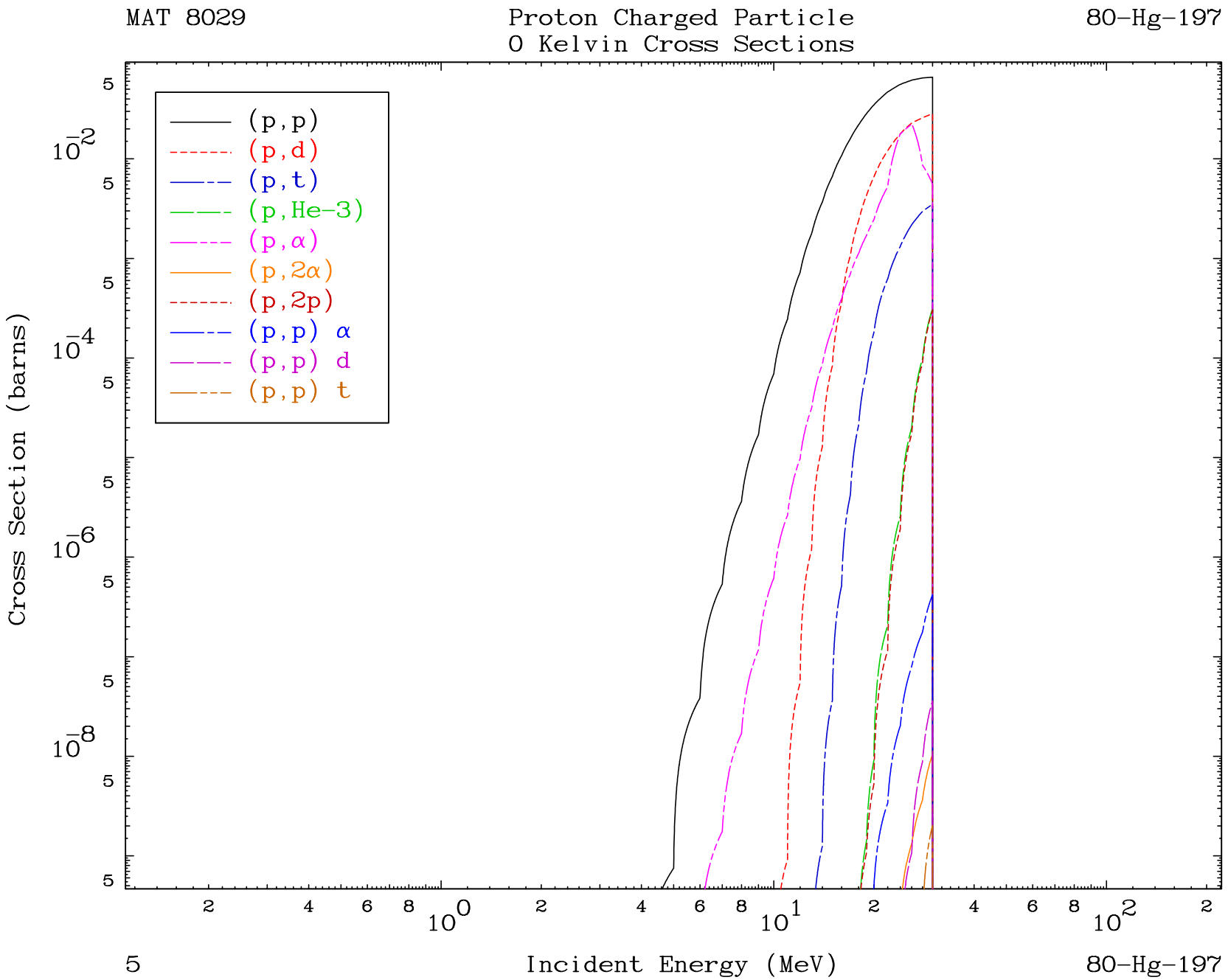
Press Mouse Button to Start

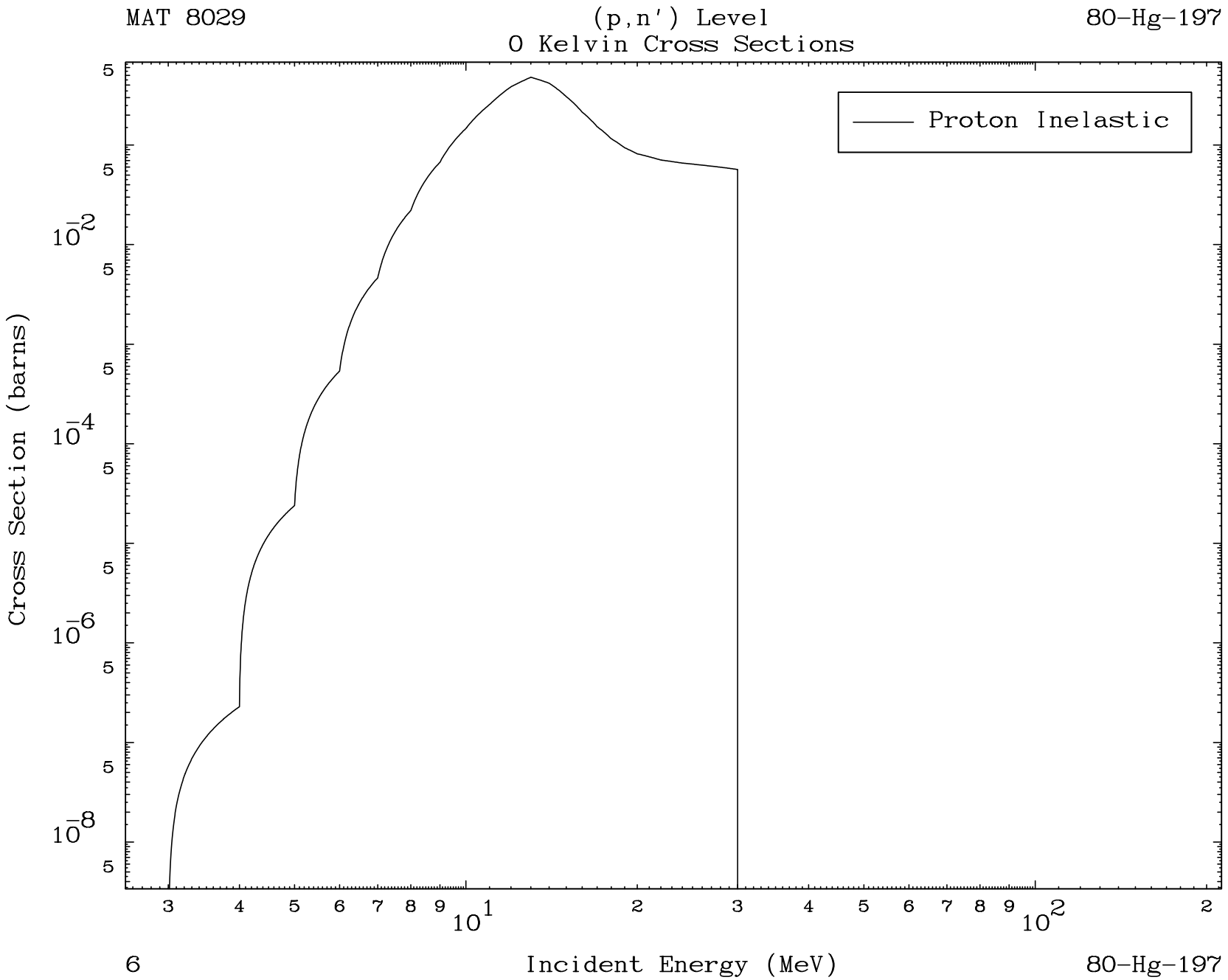

MAT 8029
Proton Major
80-Hg-197
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-197
1

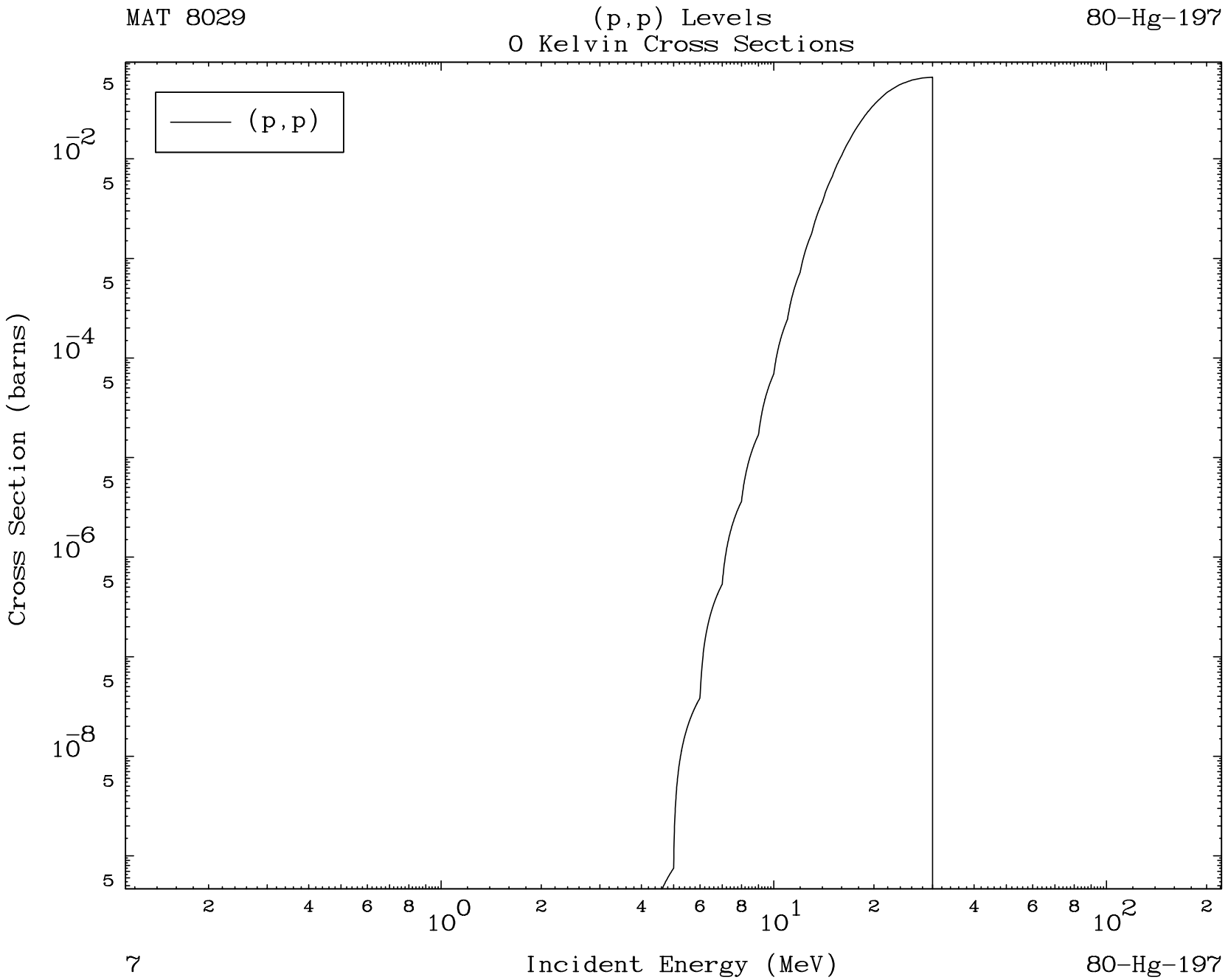

MAT 8029
Proton Neutron Production
0 Kelvin Cross Sections
80-Hg-197
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
80-Hg-197
2

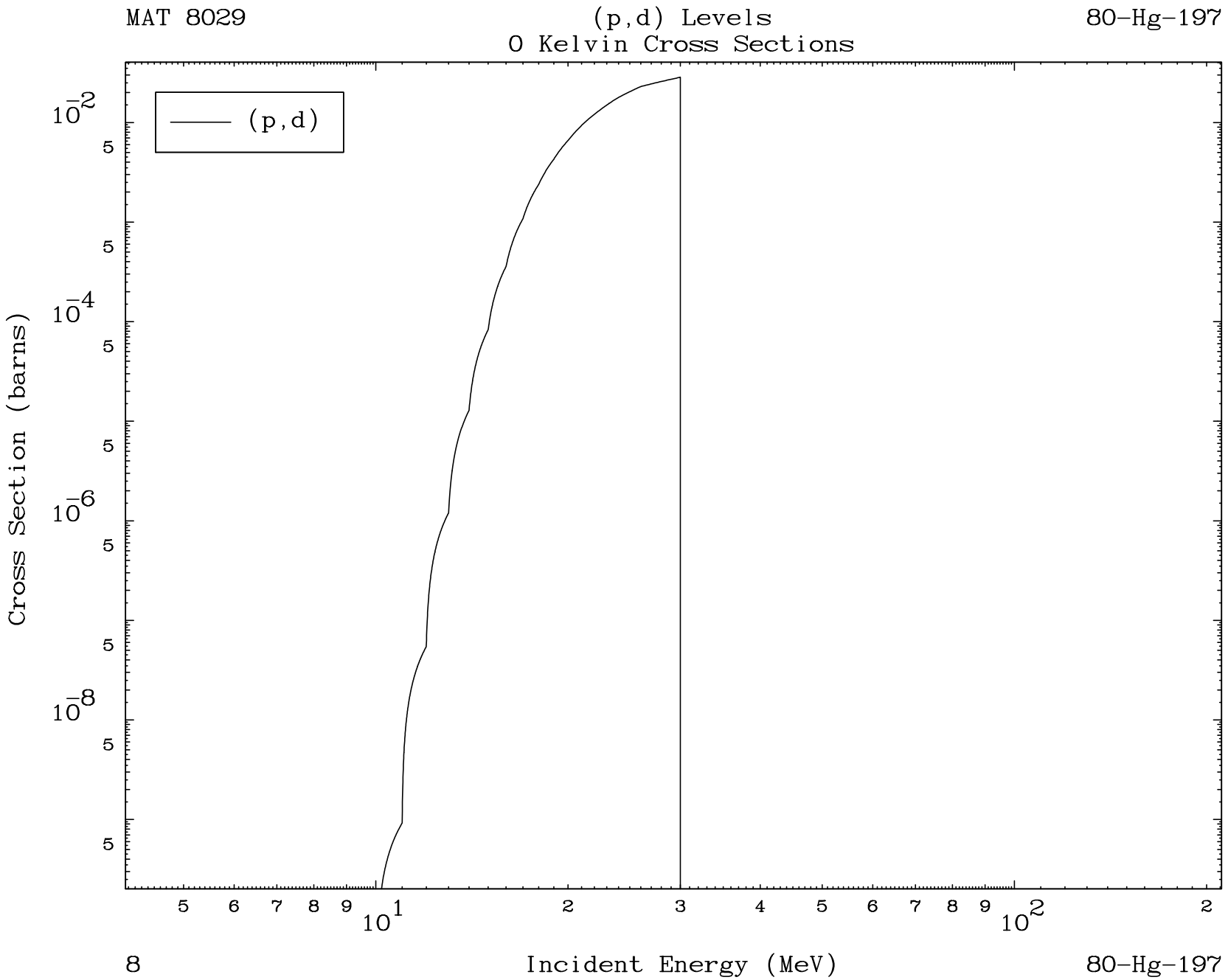

MAT 8029
Proton Neutron Production
0 Kelvin Cross Sections
80-Hg-197
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
80-Hg-197

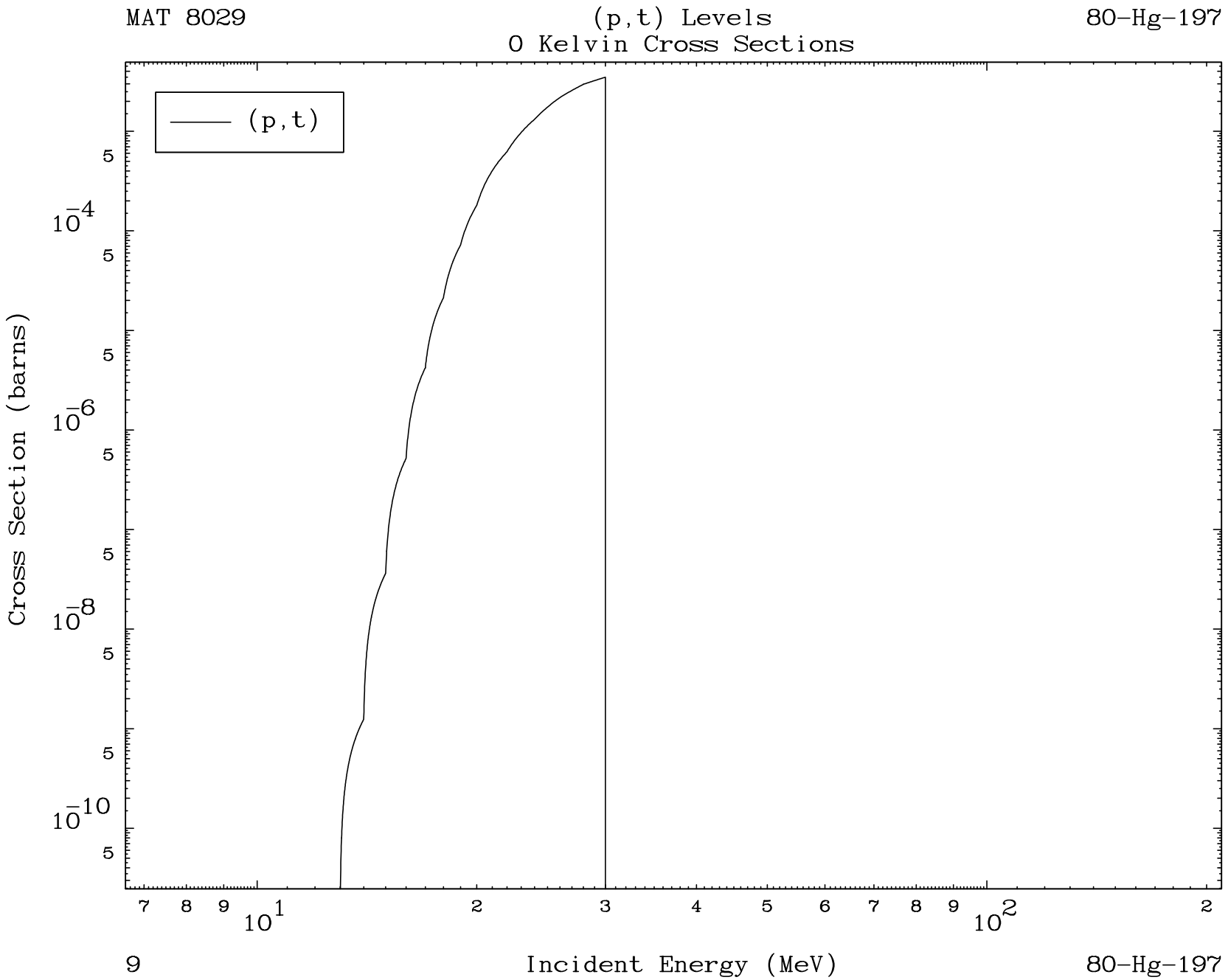

MAT 8029
Proton Charged Particle
0 Kelvin Cross Sections
80-Hg-197
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-197

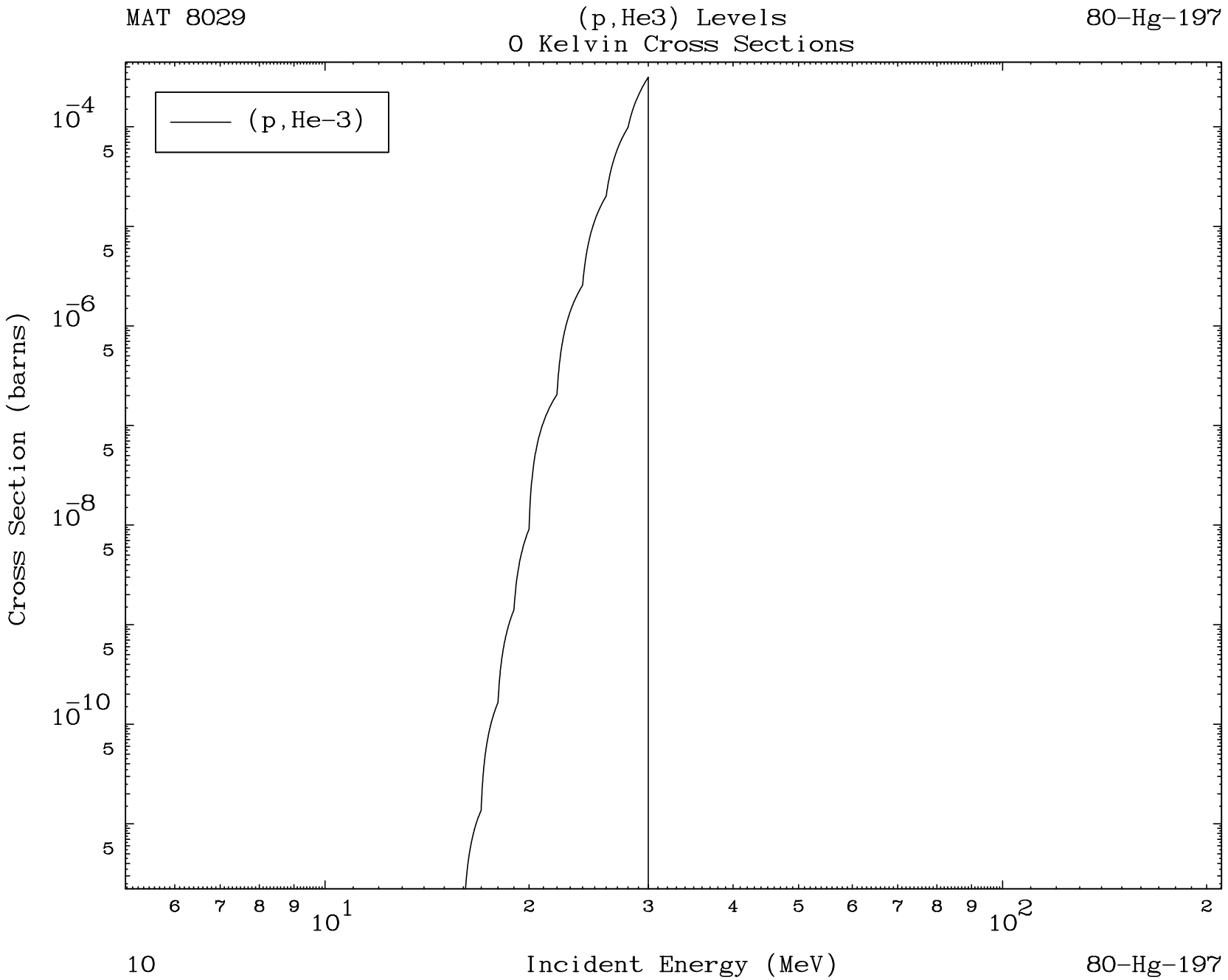

MAT 8029
Proton Charged Particle
0 Kelvin Cross Sections
80-Hg-197
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
80-Hg-197

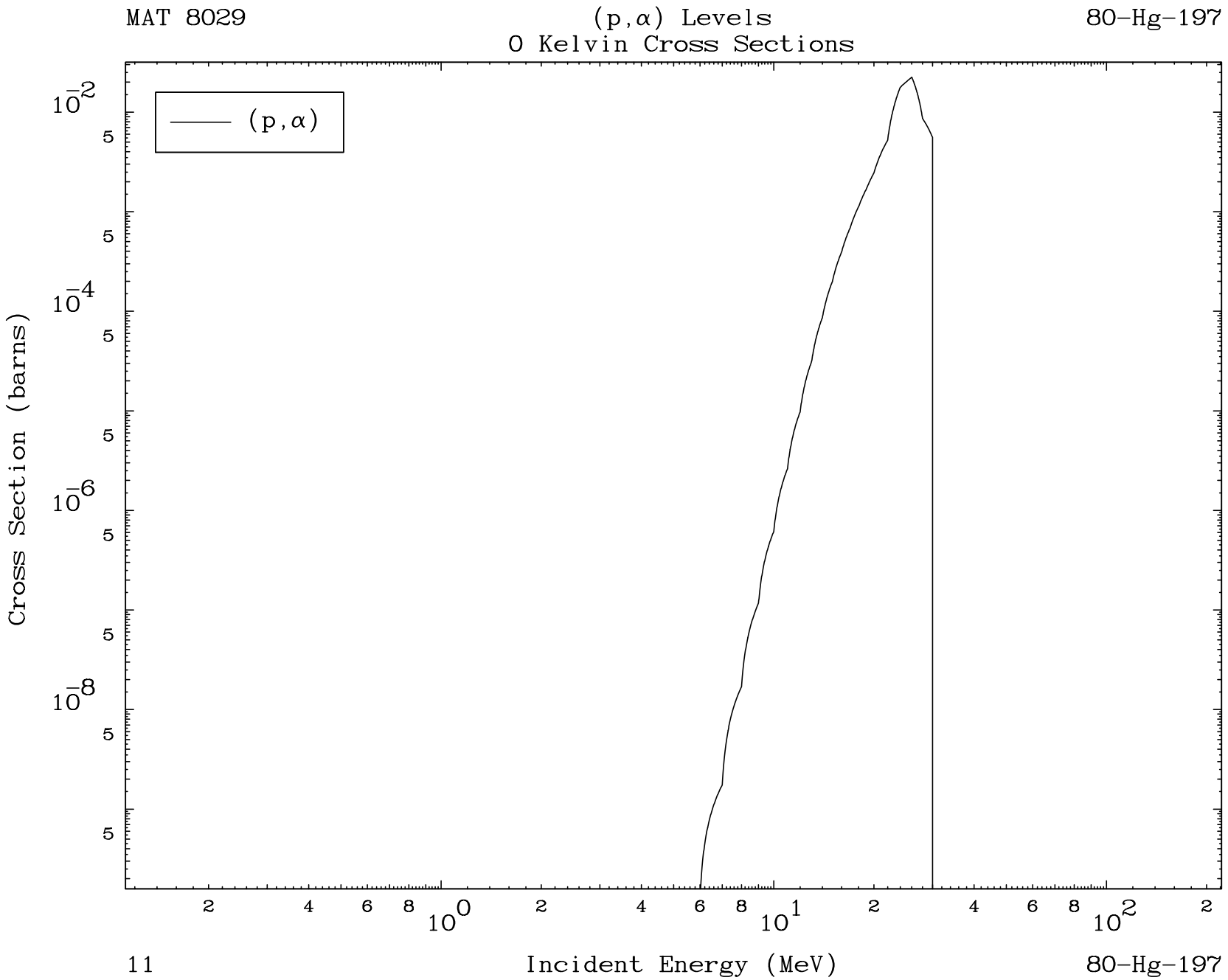

MAT 8029
(p,n') Level
80-Hg-197
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-197

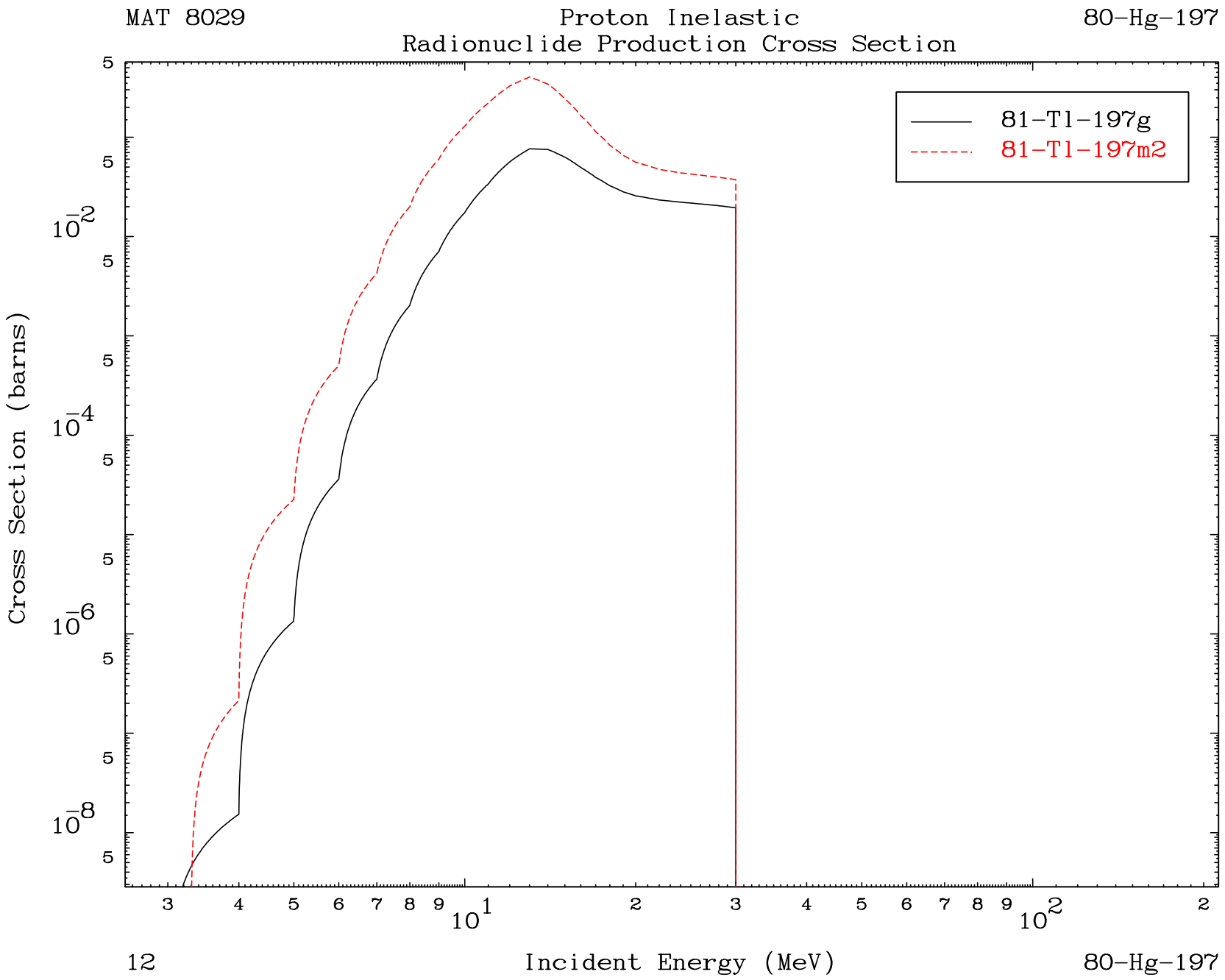

MAT 8029
(p,p) Levels
80-Hg-197
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-197

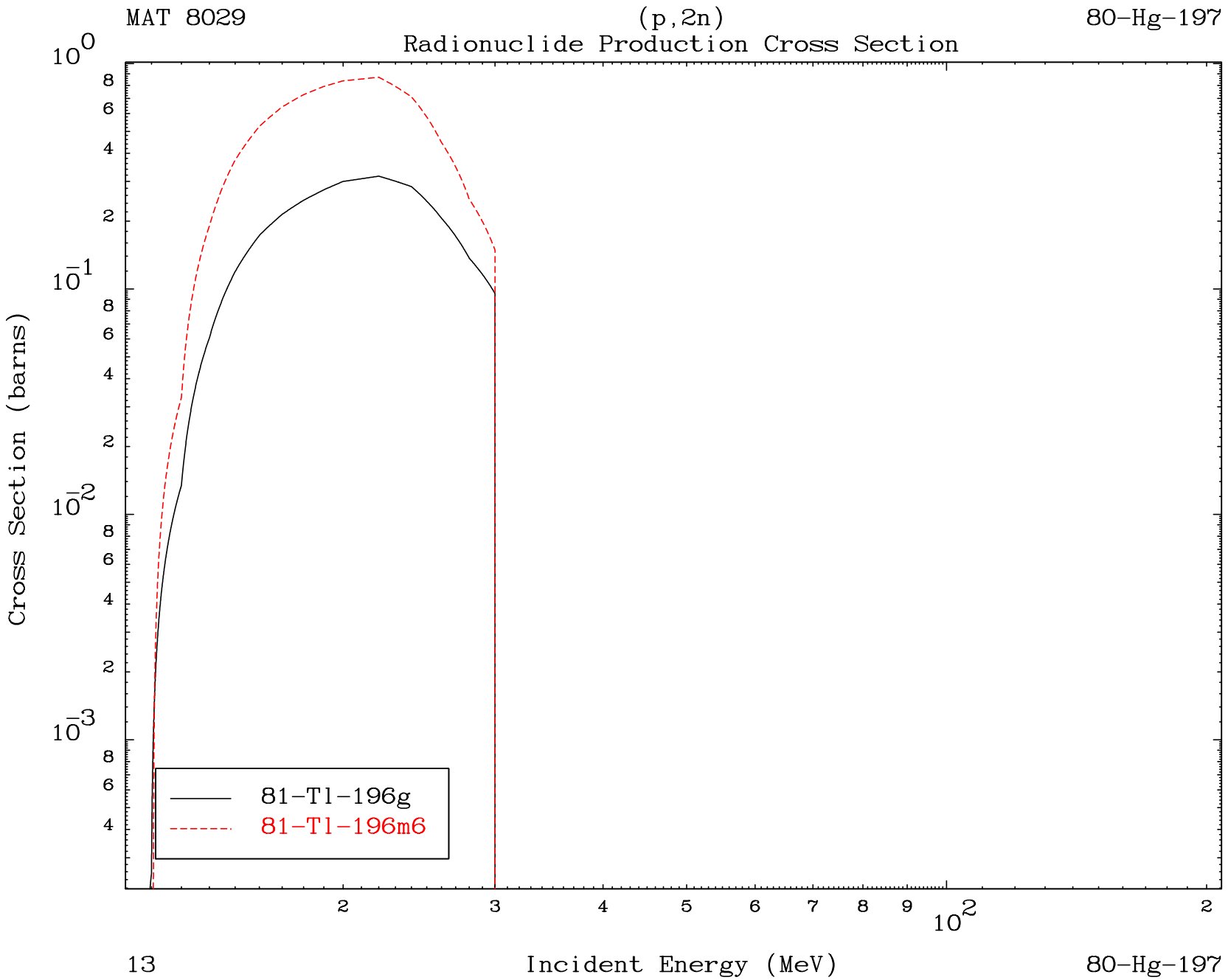

MAT 8029
(p,d) Levels
80-Hg-197
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
80-Hg-197

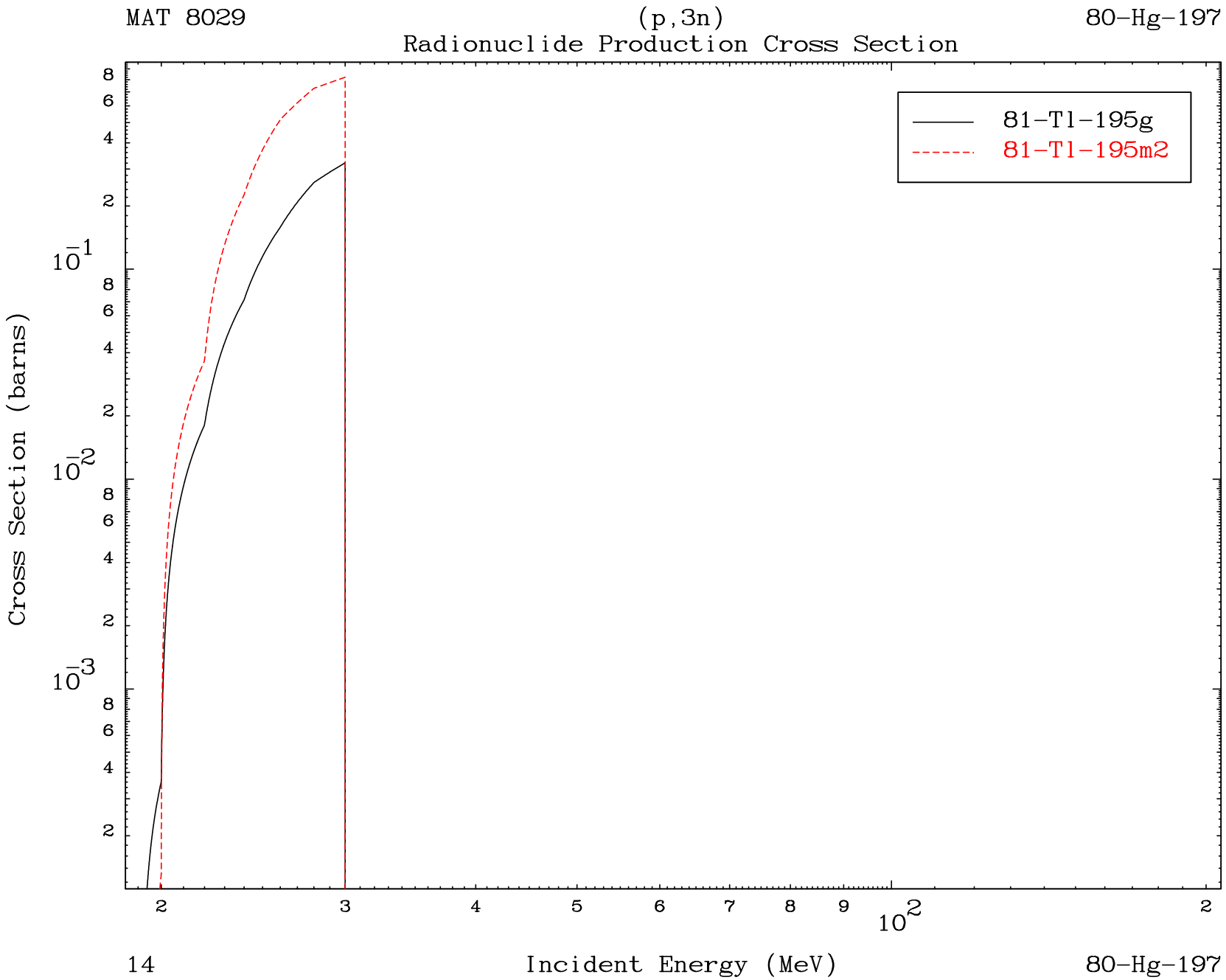

MAT 8029
(p,t) Levels
80-Hg-197
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
80-Hg-197

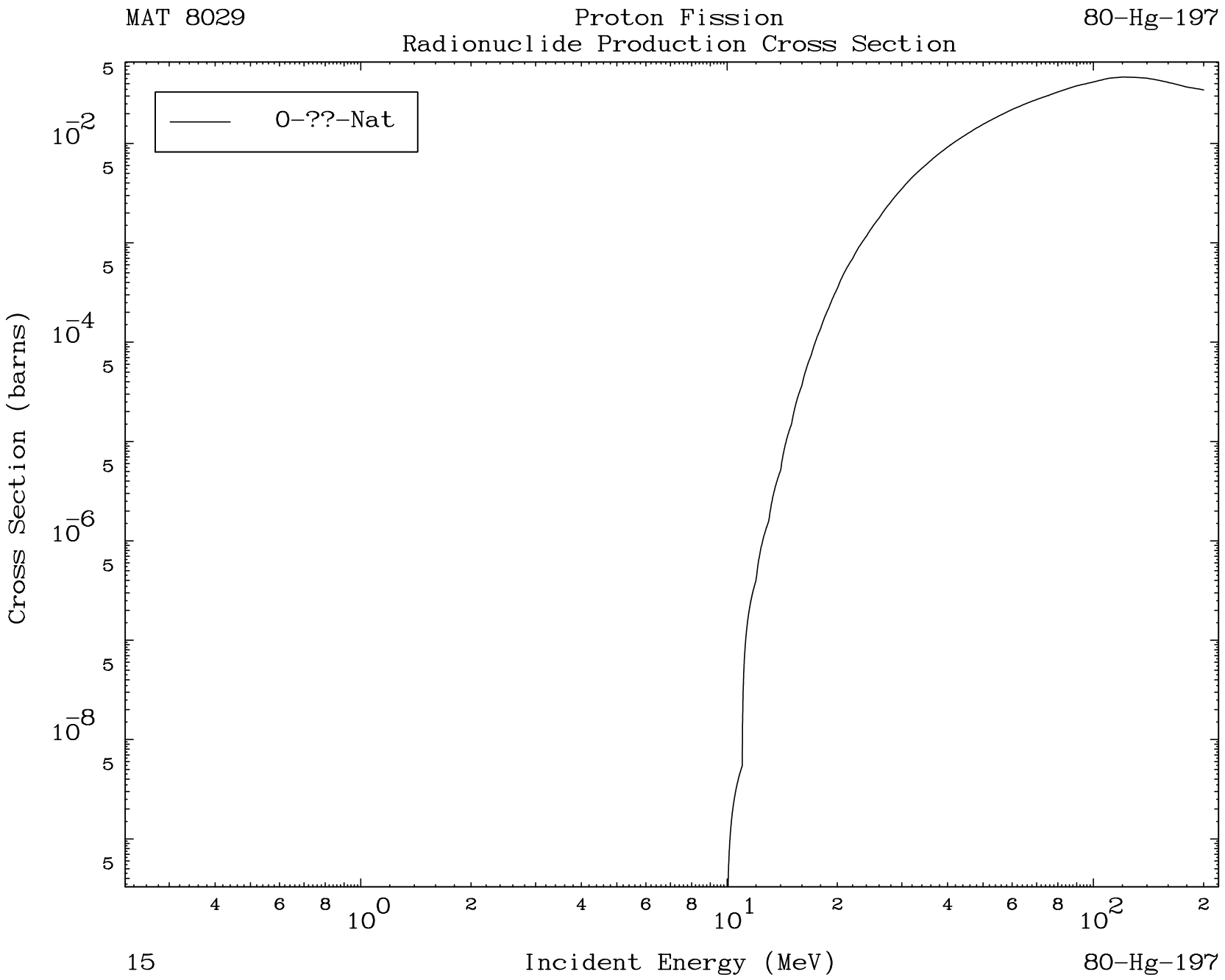

MAT 8029
(p,He3) Levels
80-Hg-197
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^1
10^2
80-Hg-197

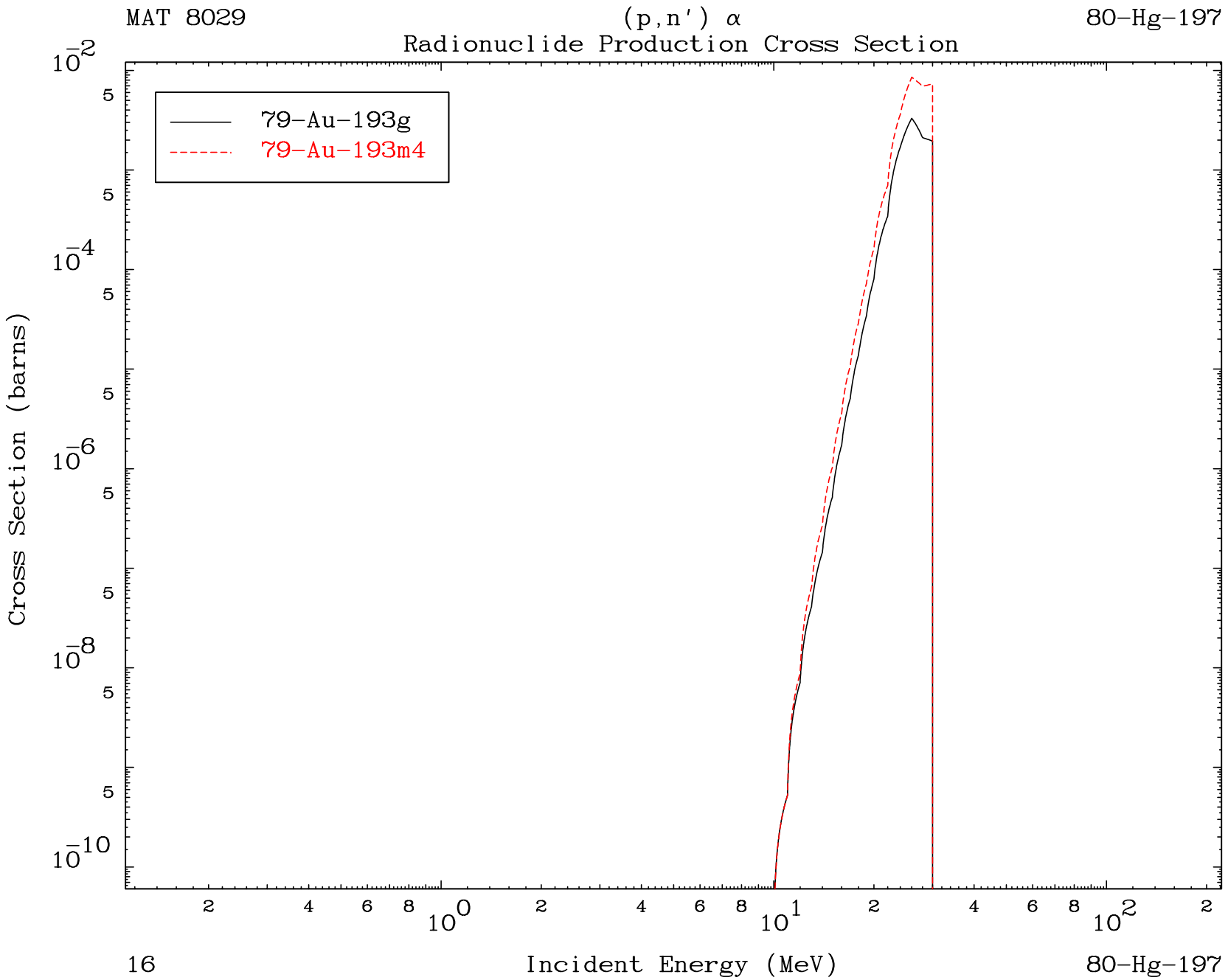

MAT 8029
(p,α) Levels
80-Hg-197
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-197

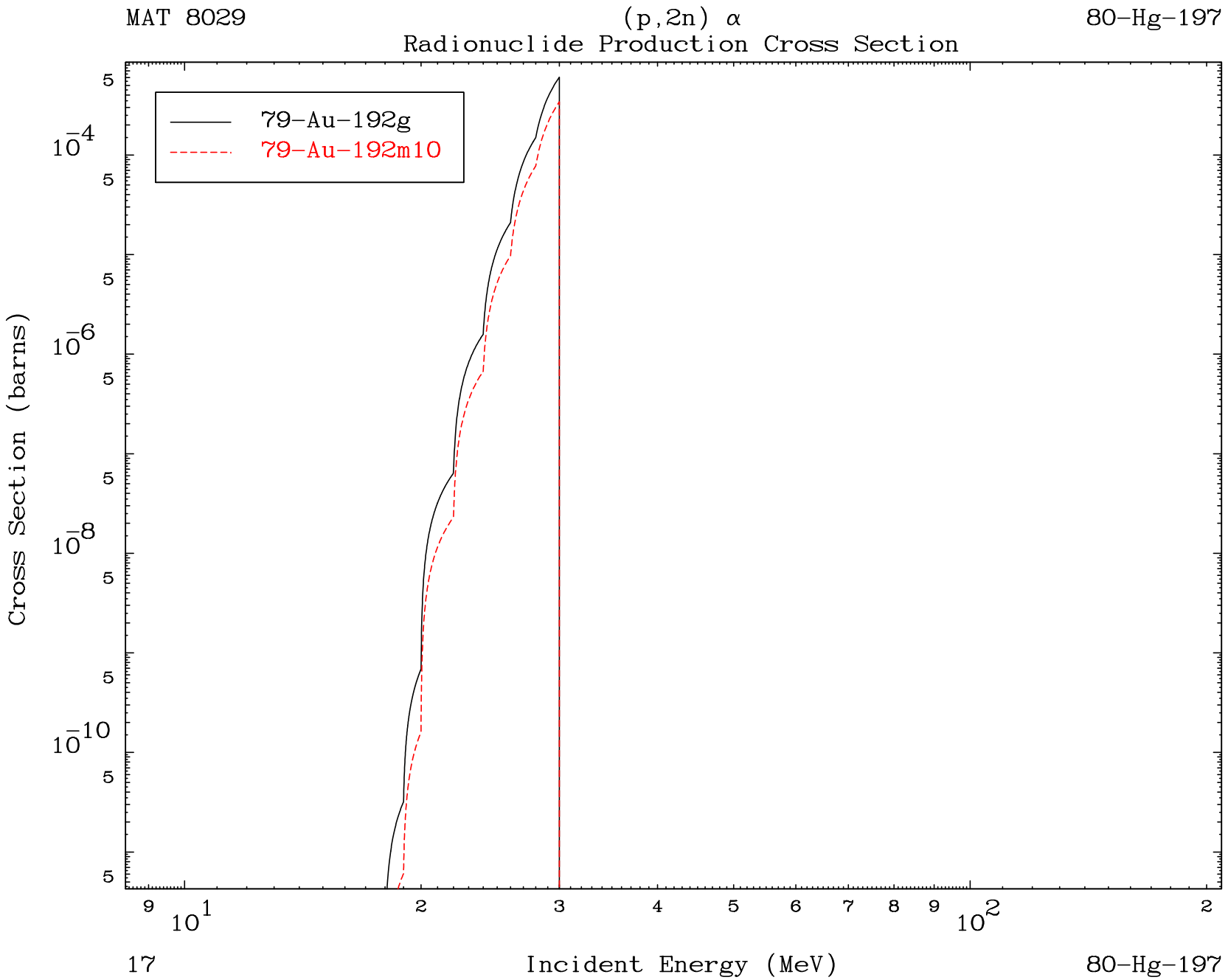

MAT 8029
Proton Inelastic
80-Hg-197
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-197

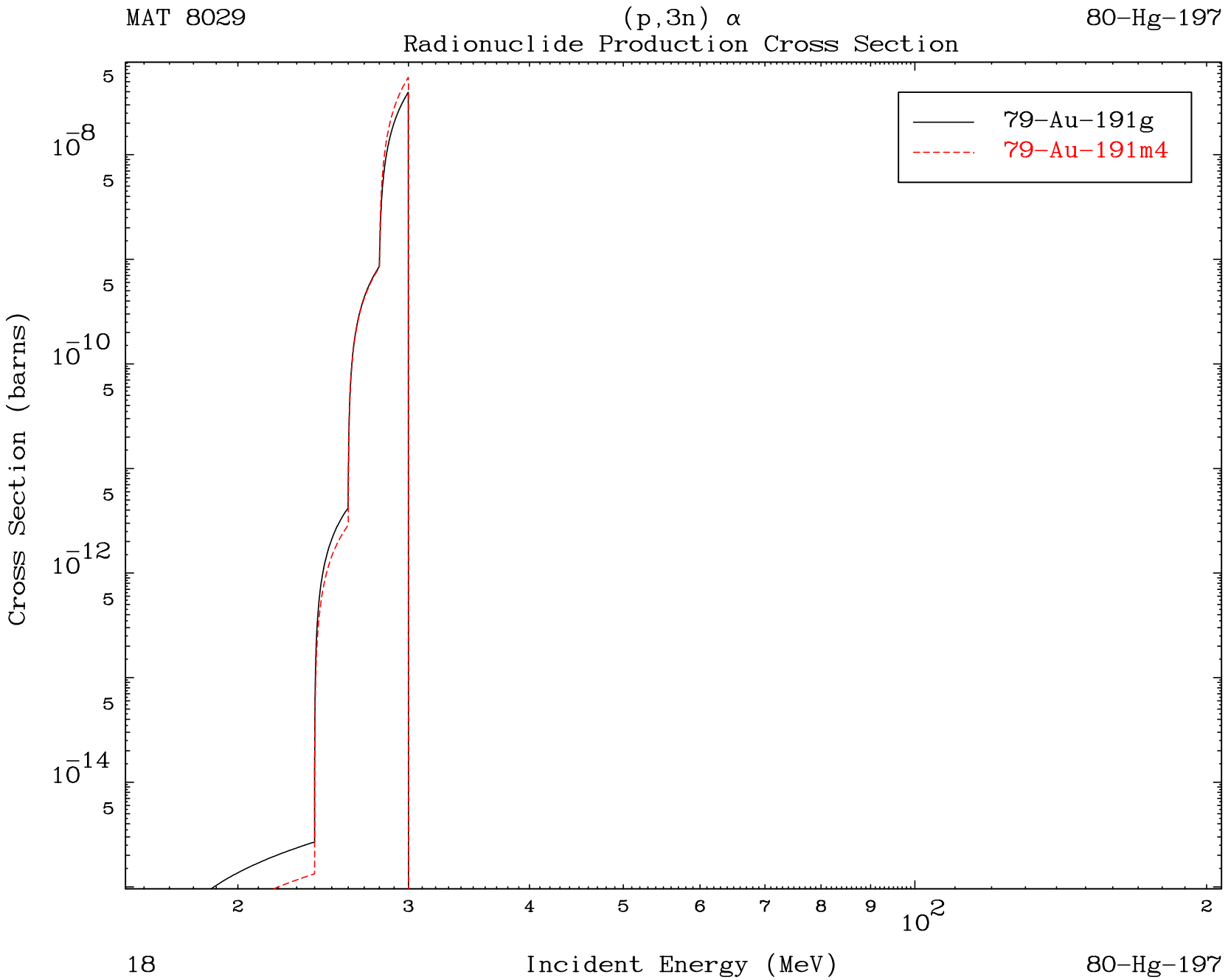

MAT 8029
(p,2n)
80-Hg-197
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
81-Tl-196g
81-Tl-196m6
13
80-Hg-197

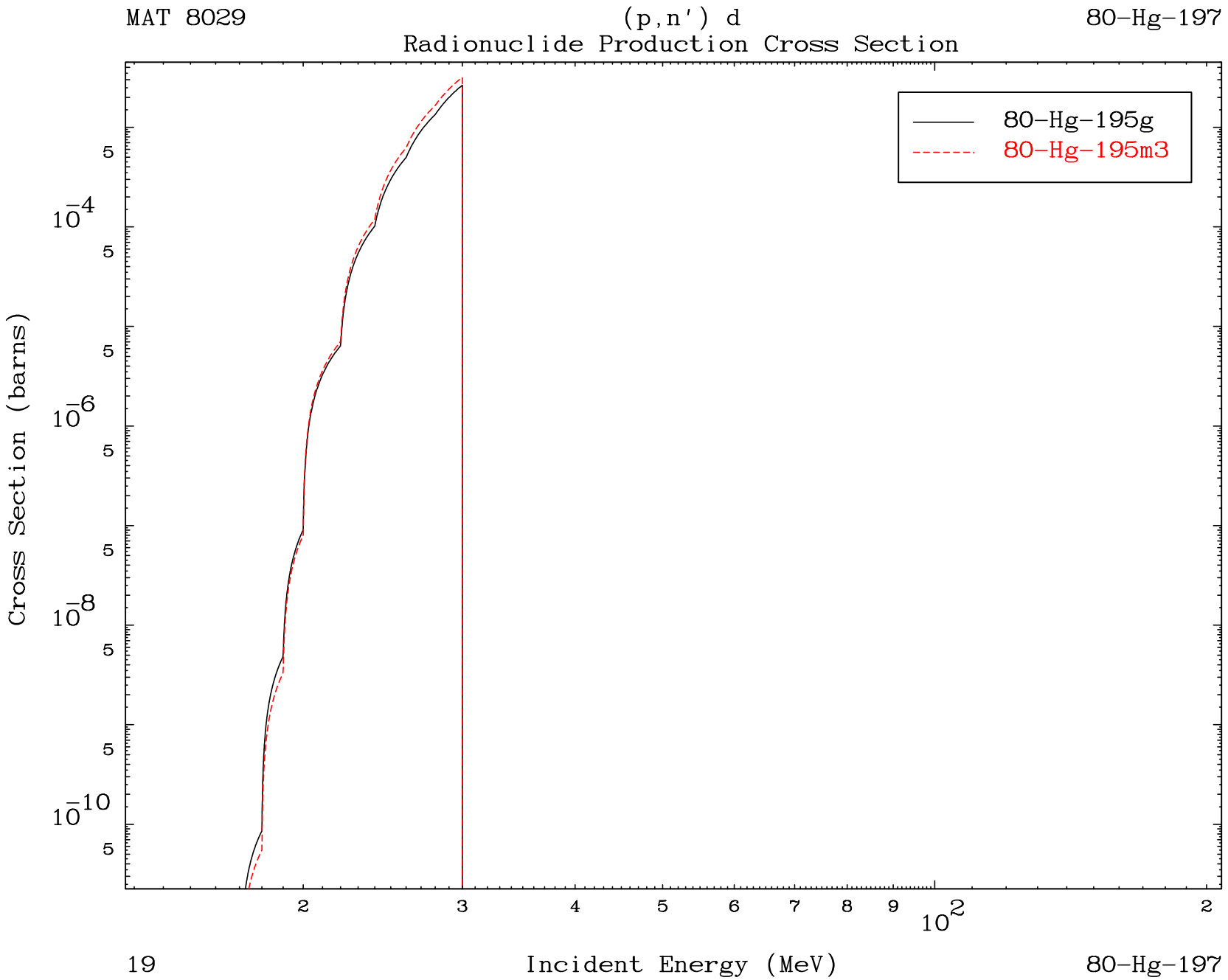

MAT 8029
(p,3n)
80-Hg-197
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-197

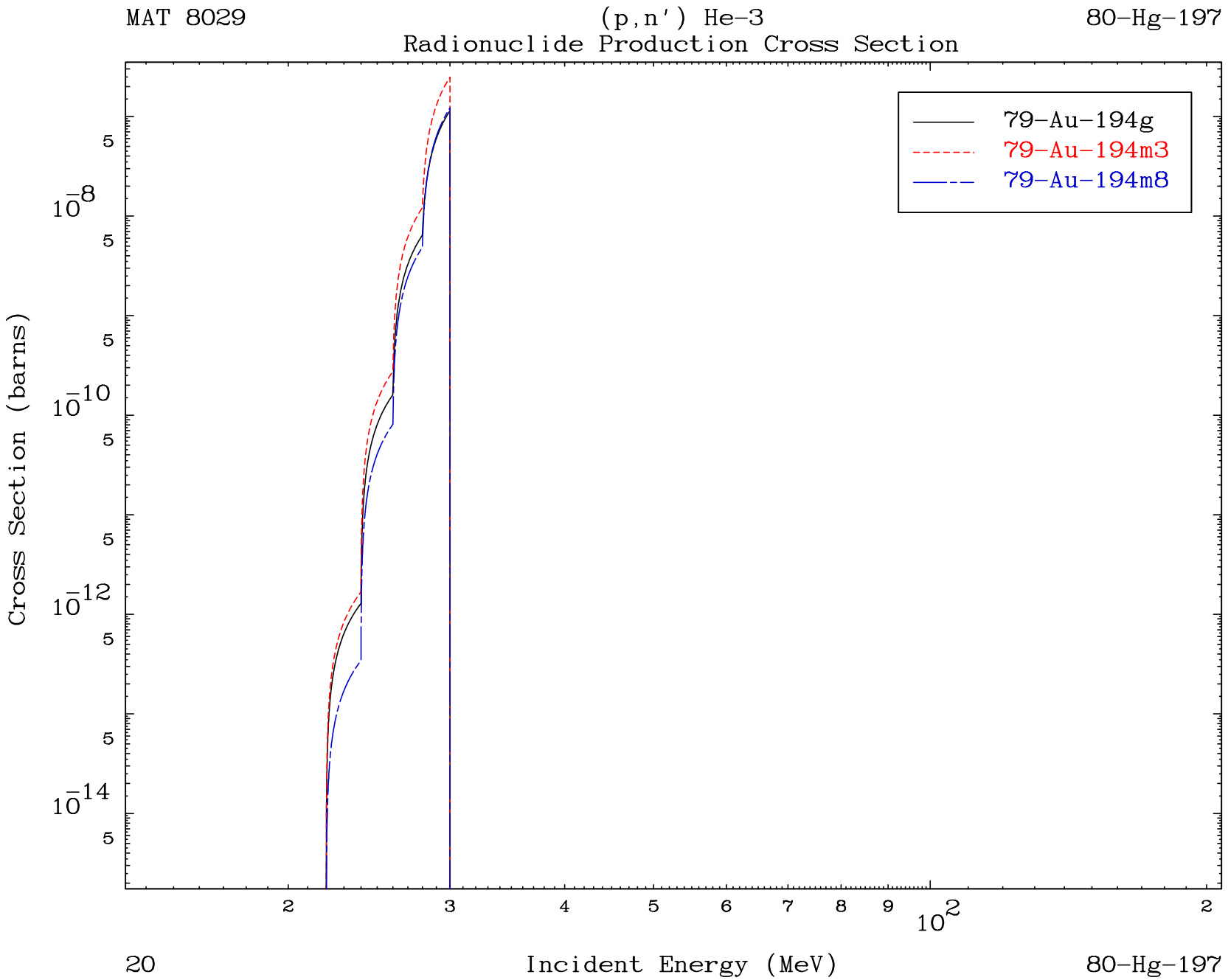

MAT 8029
Proton Fission
80-Hg-197
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
80-Hg-197

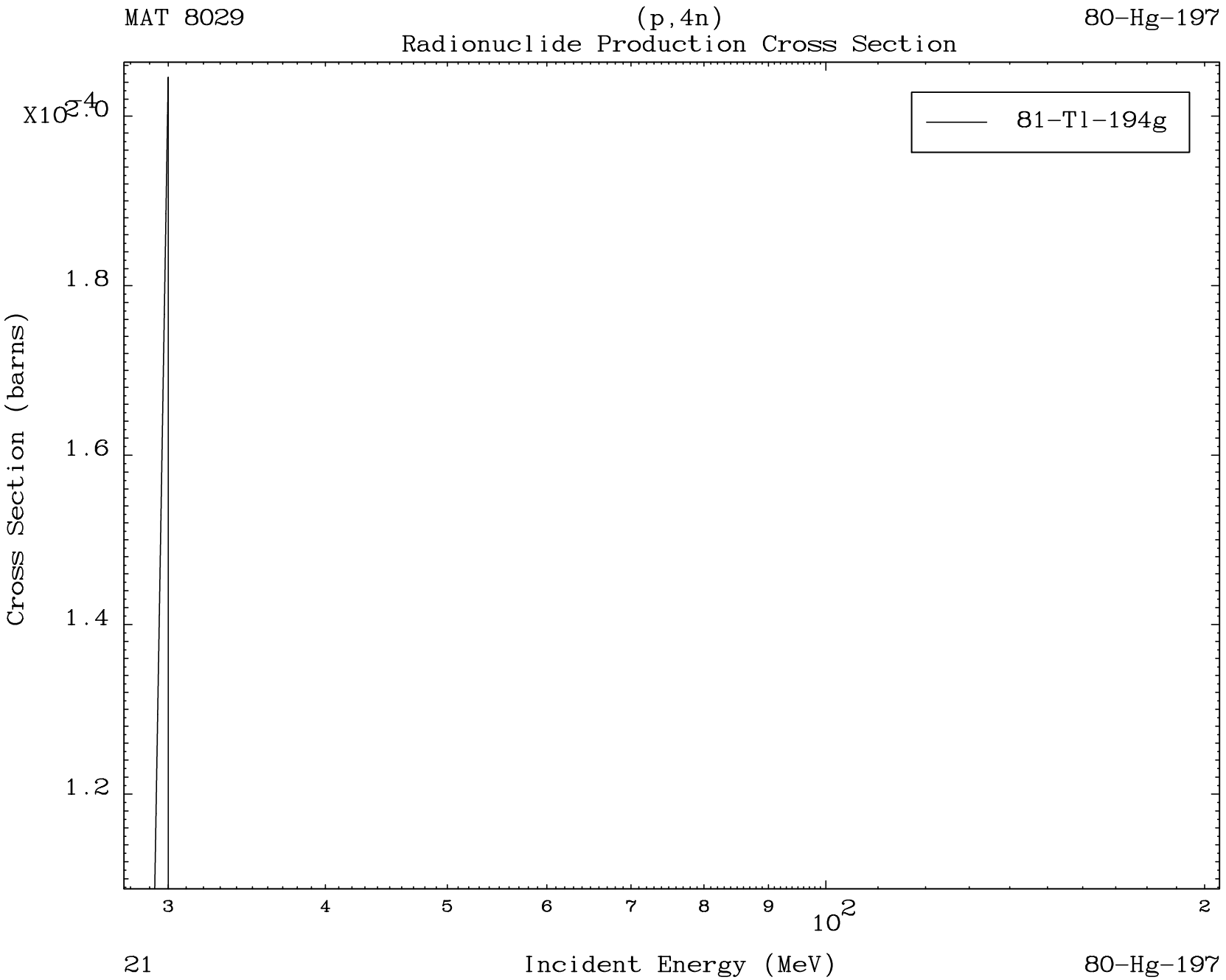

MAT 8029
(p,n') α
80-Hg-197
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-197

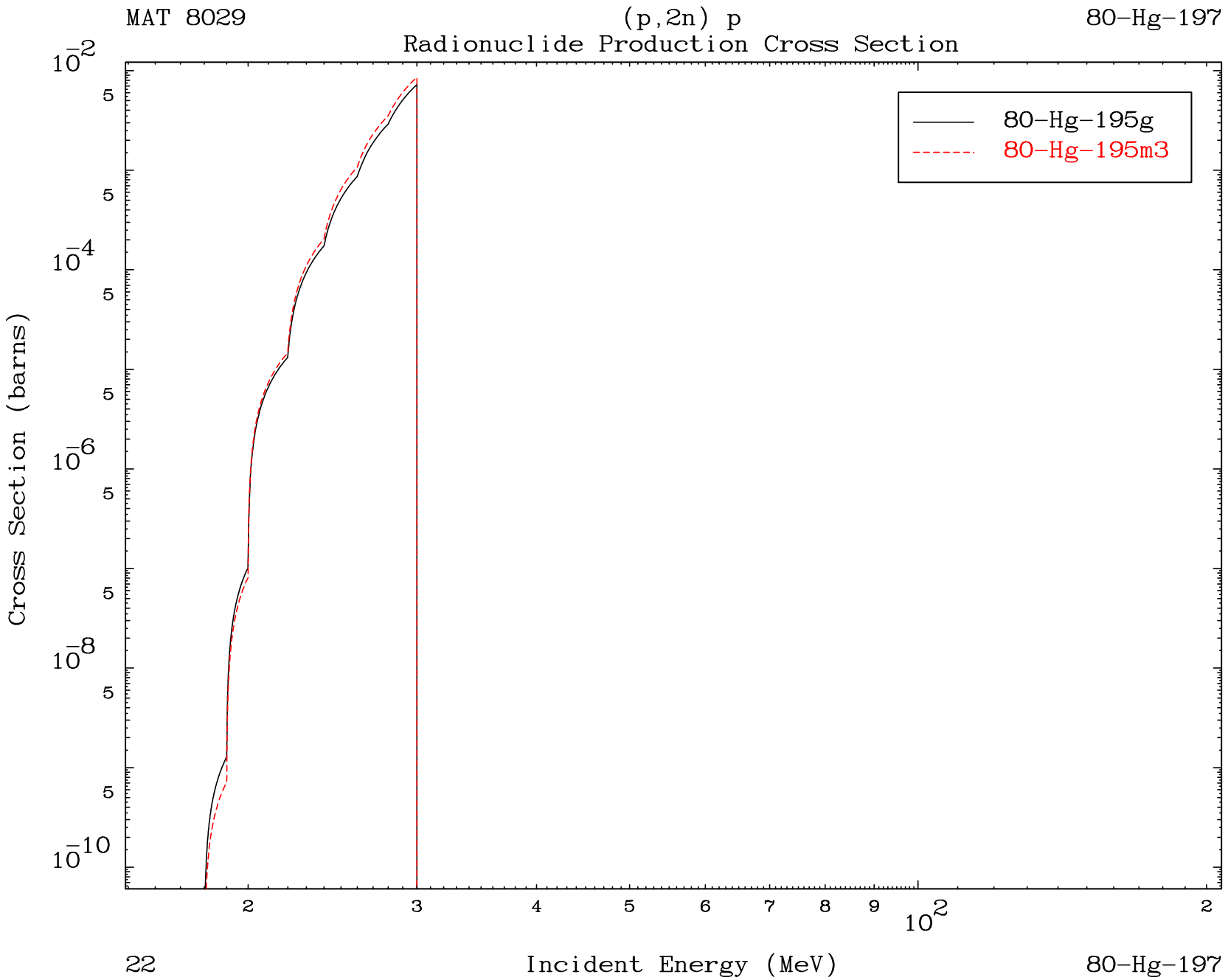

MAT 8029
(p,2n) α
80-Hg-197
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
17
80-Hg-197

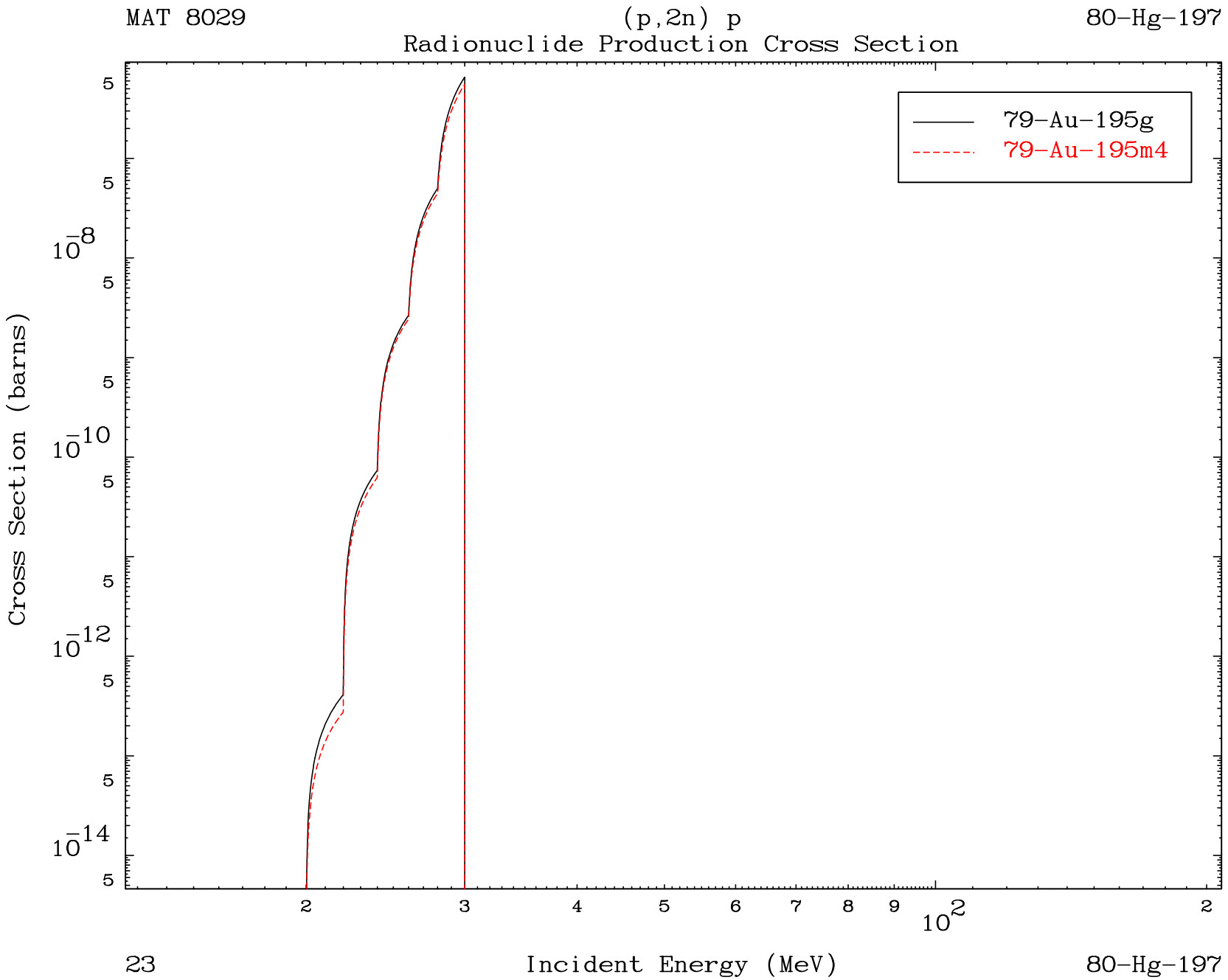

MAT 8029
(p,3n) α
80-Hg-197
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
80-Hg-197

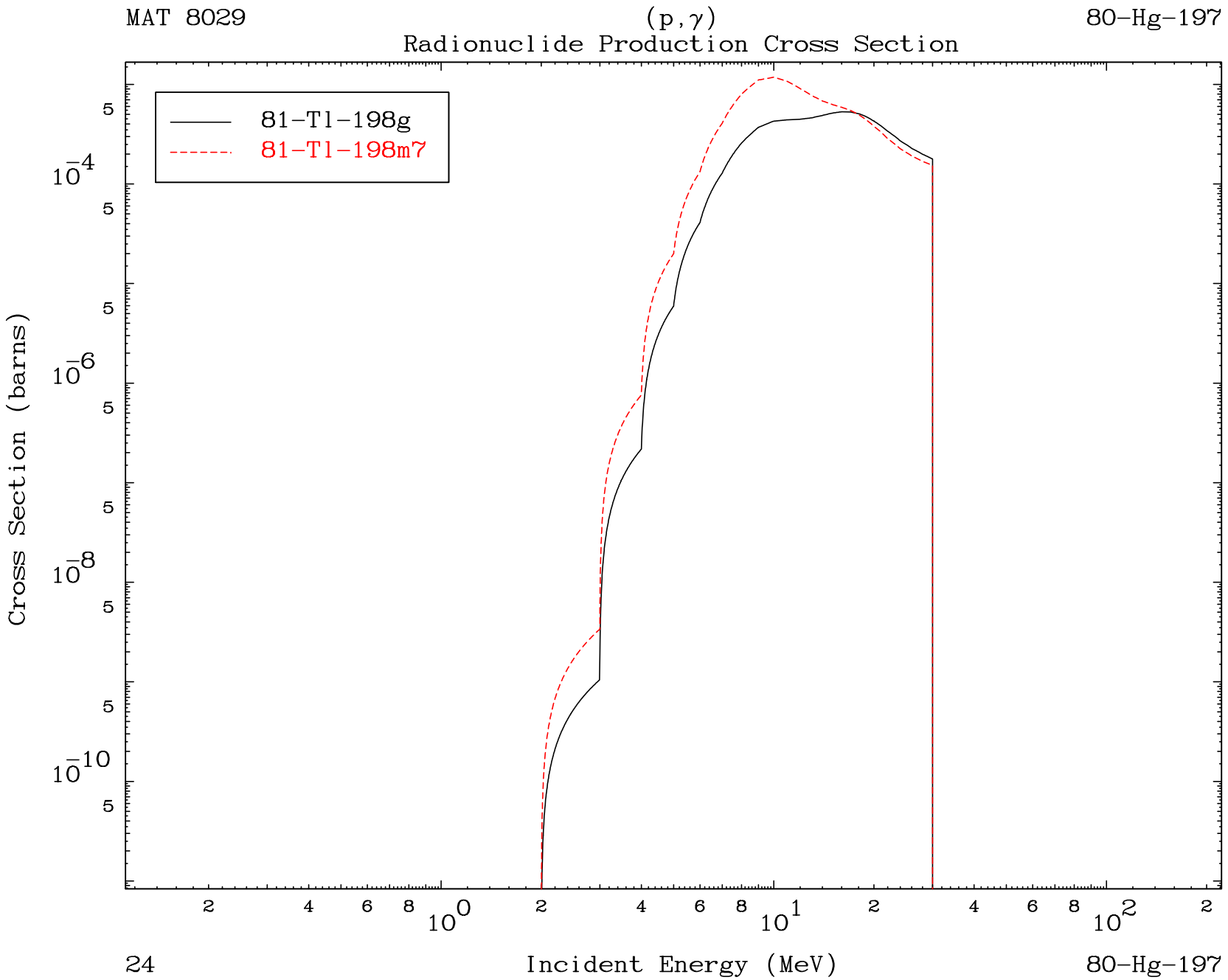

MAT 8029
(p,n') d
80-Hg-197
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
19
80-Hg-197

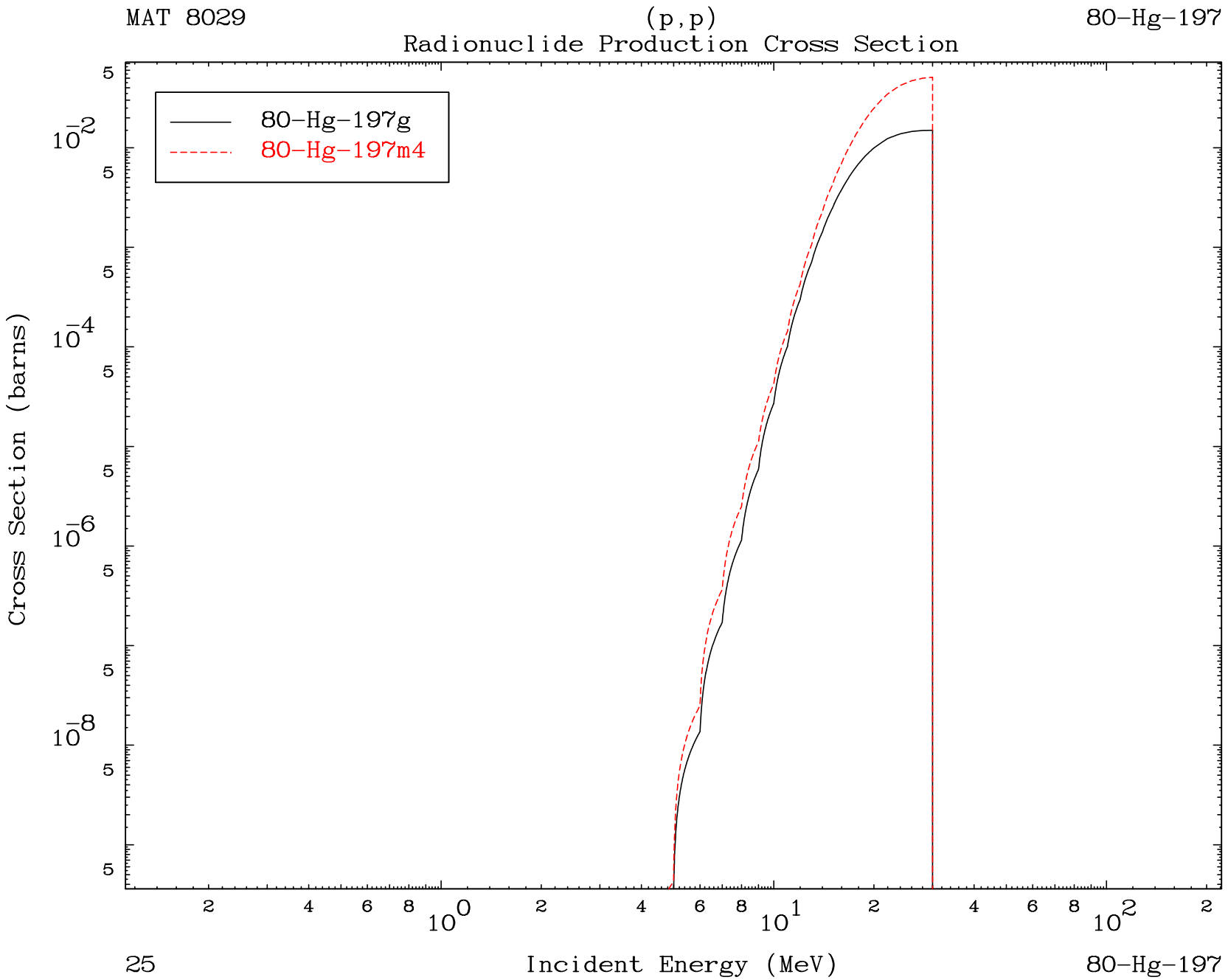

MAT 8029
(p,n') He-3
80-Hg-197
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
80-Hg-197

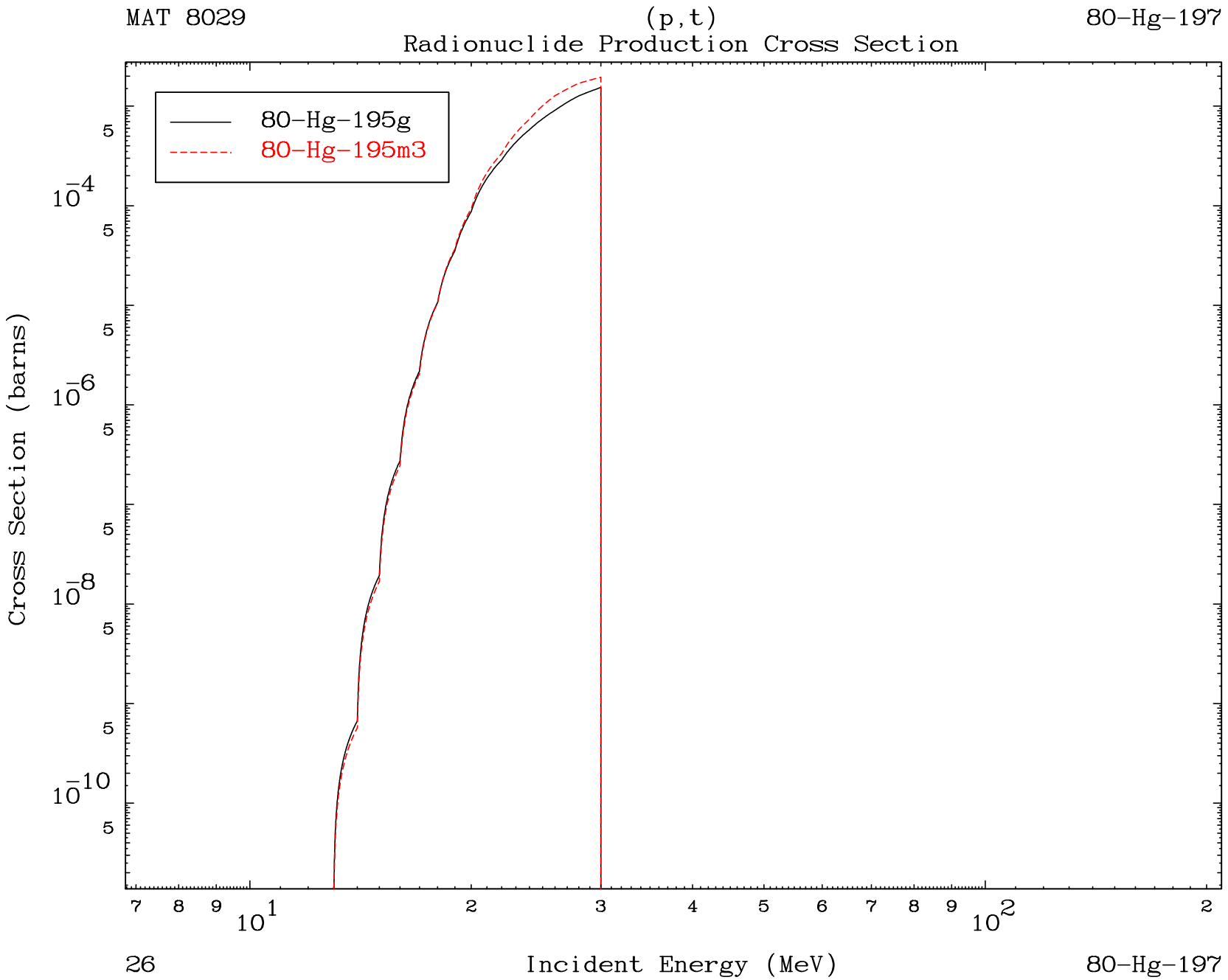

MAT 8029
(p,4n)
80-Hg-197
Radionuclide Production Cross Section
81-Tl-194g
X10-24
2.0
1.8
1.6
1.4
1.2
Cross Section (barns)
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
80-Hg-197

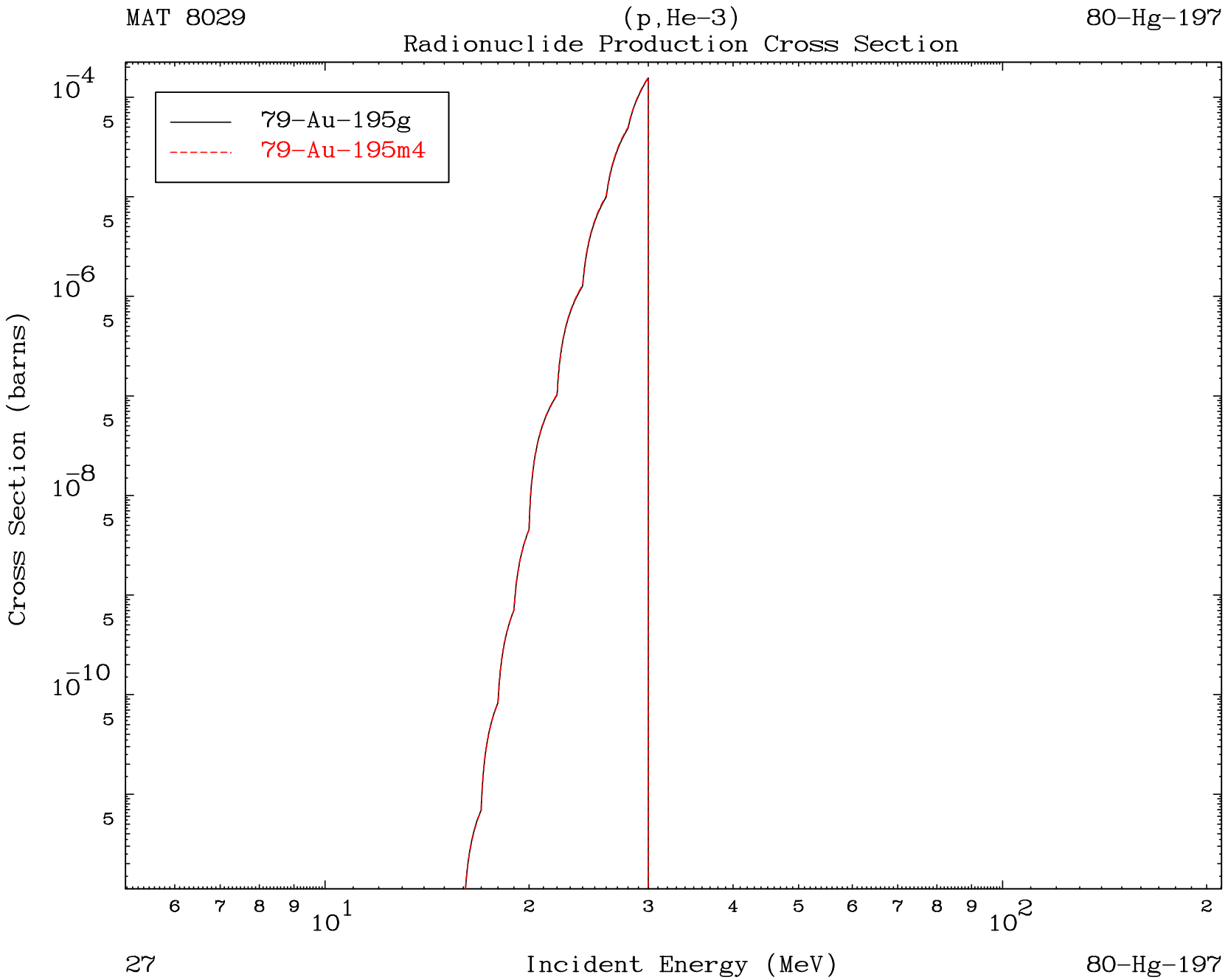

MAT 8029
(p,2n) p
80-Hg-197
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
Incident Energy (MeV)
22
80-Hg-197

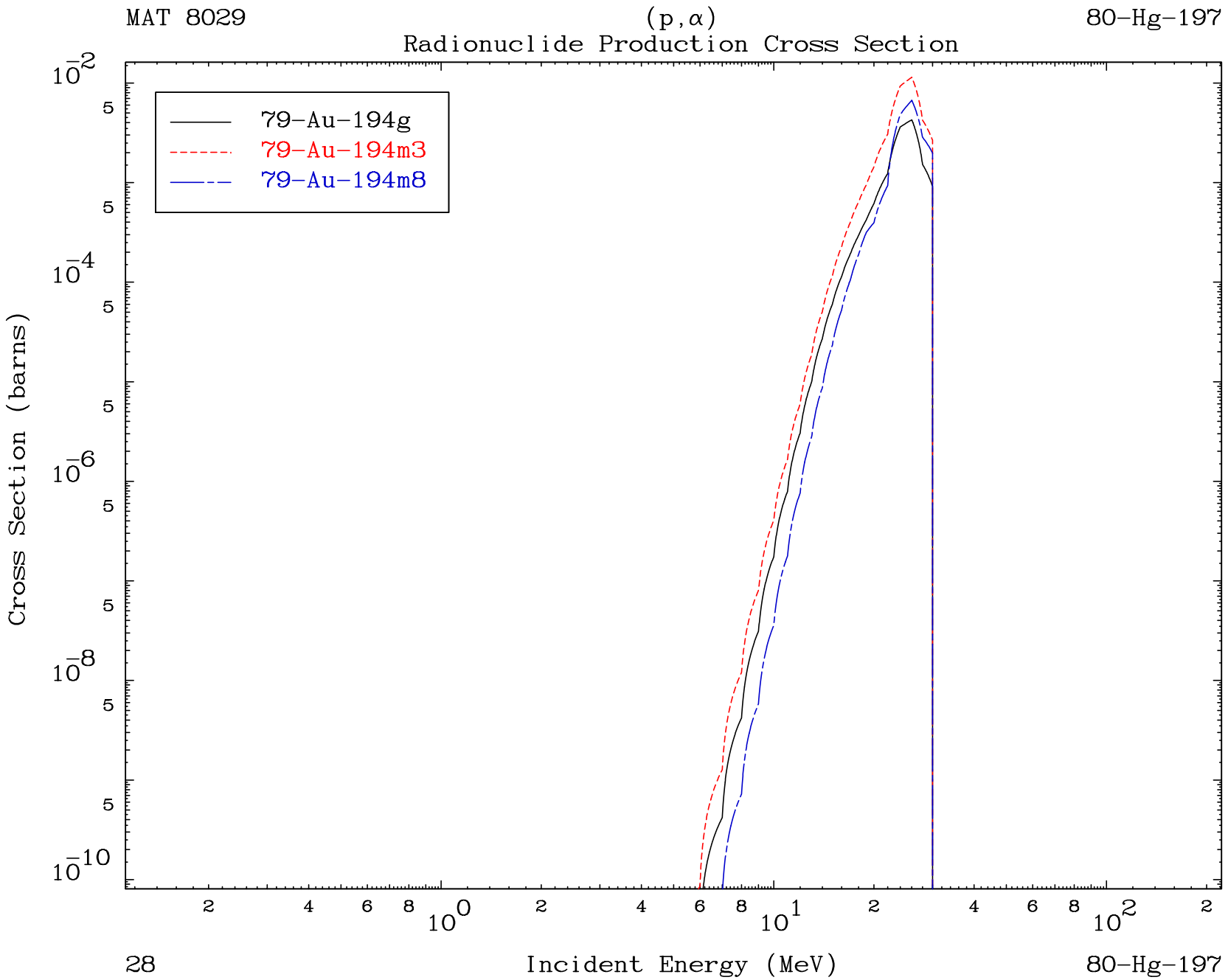

MAT 8029
(p,2n) p
80-Hg-197
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
23
Incident Energy (MeV)
80-Hg-197

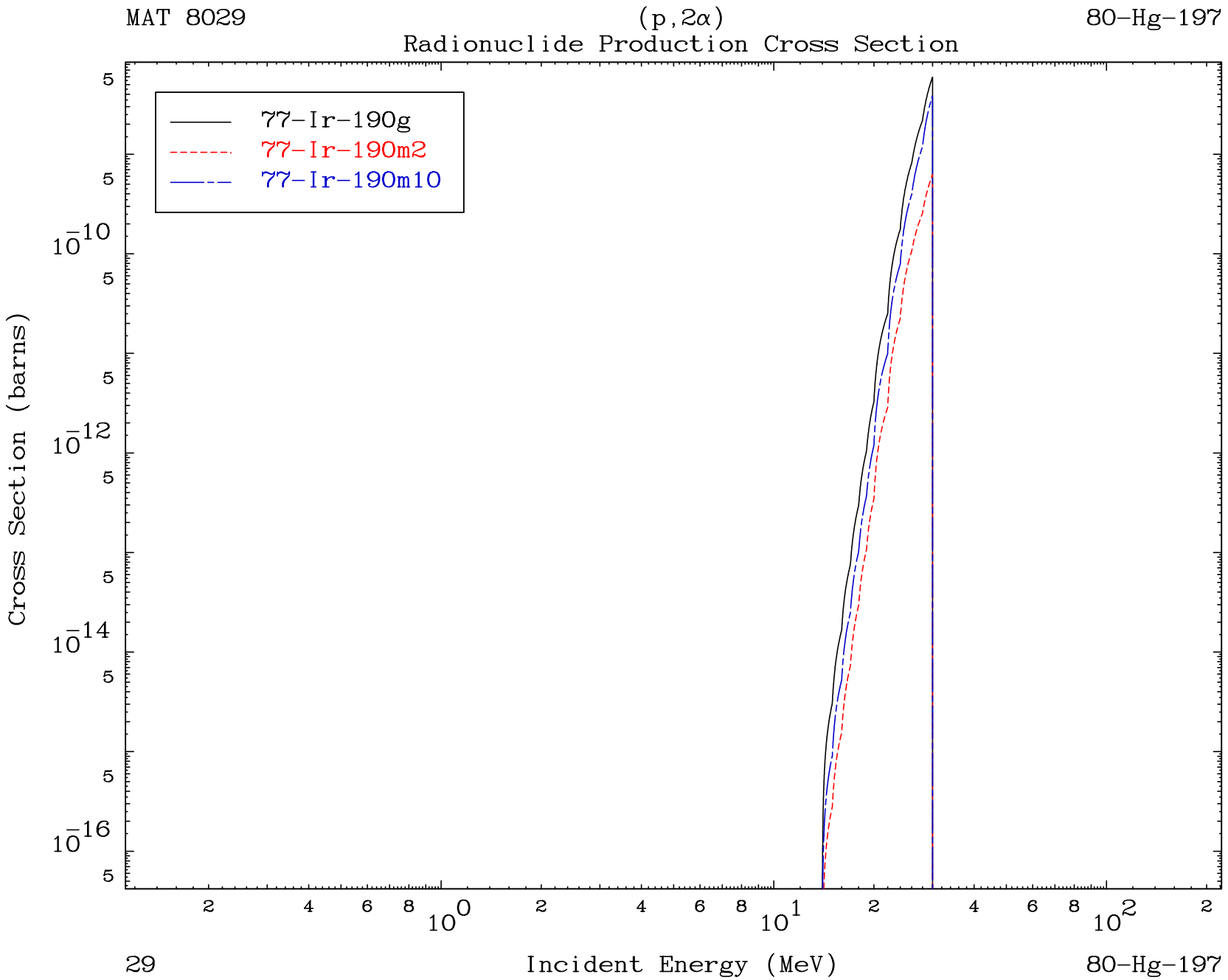

MAT 8029
(p,γ)
80-Hg-197
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
24
80-Hg-197

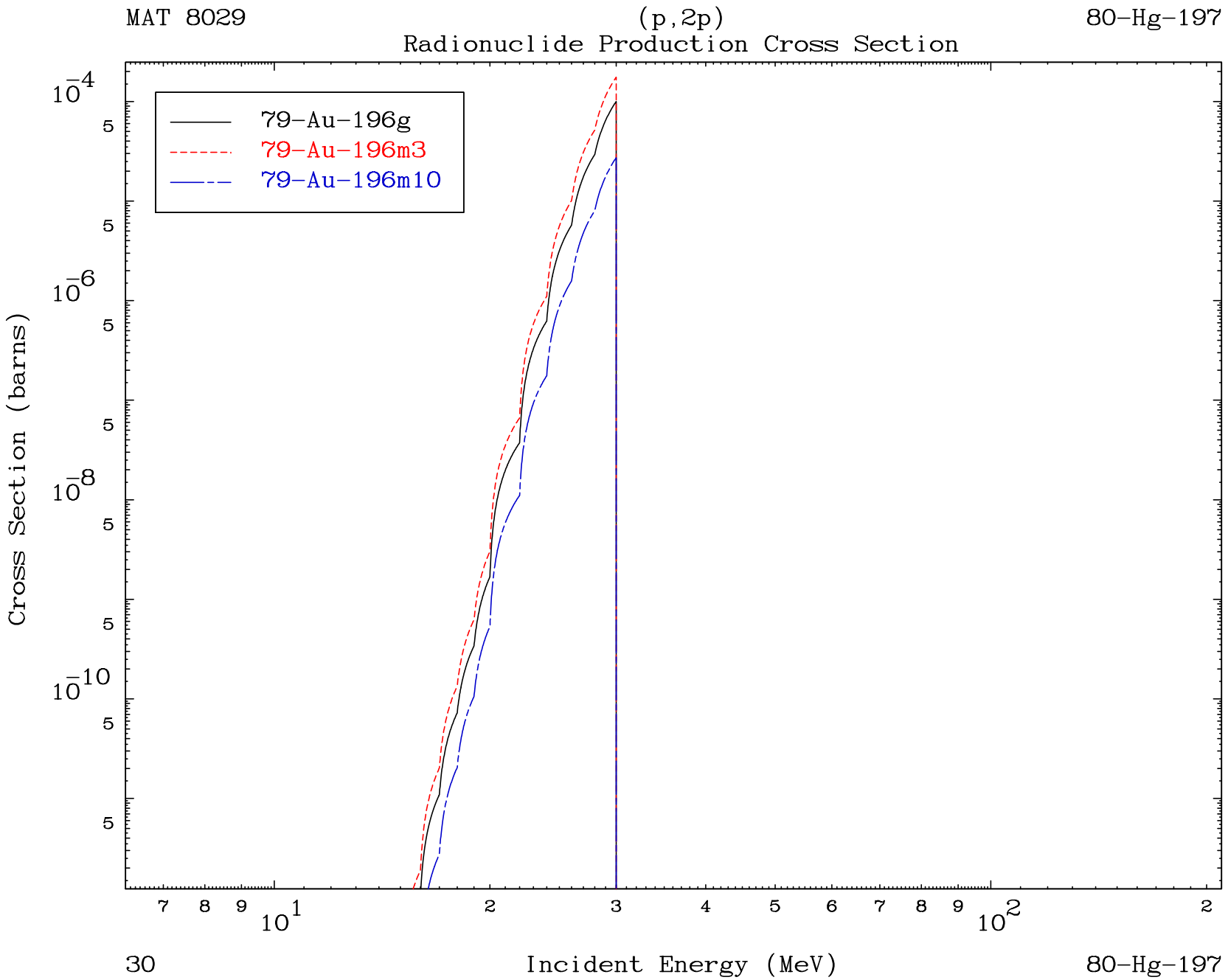

MAT 8029
(p,p)
80-Hg-197
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-197

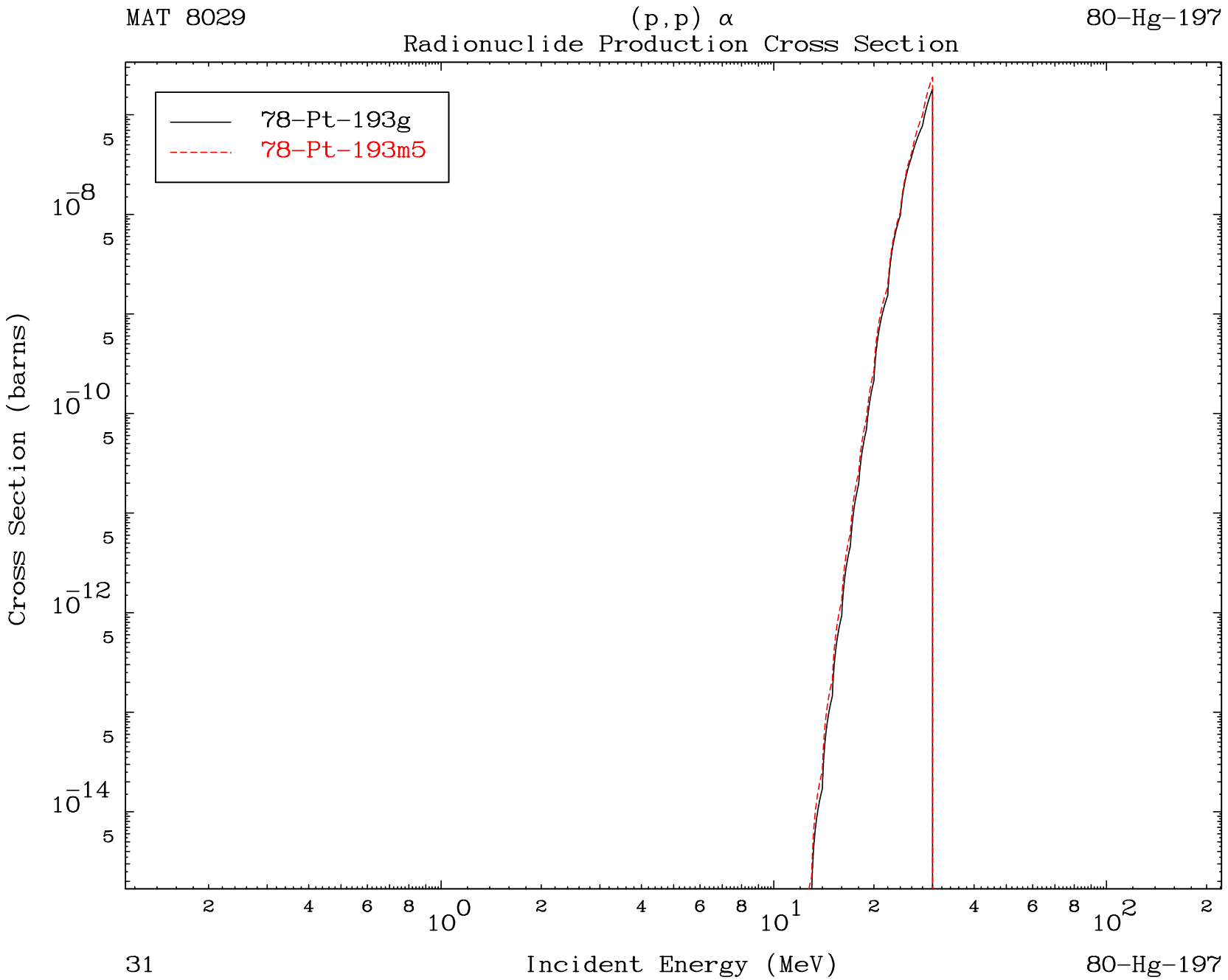

MAT 8029
(p,t)
80-Hg-197
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
26
80-Hg-197

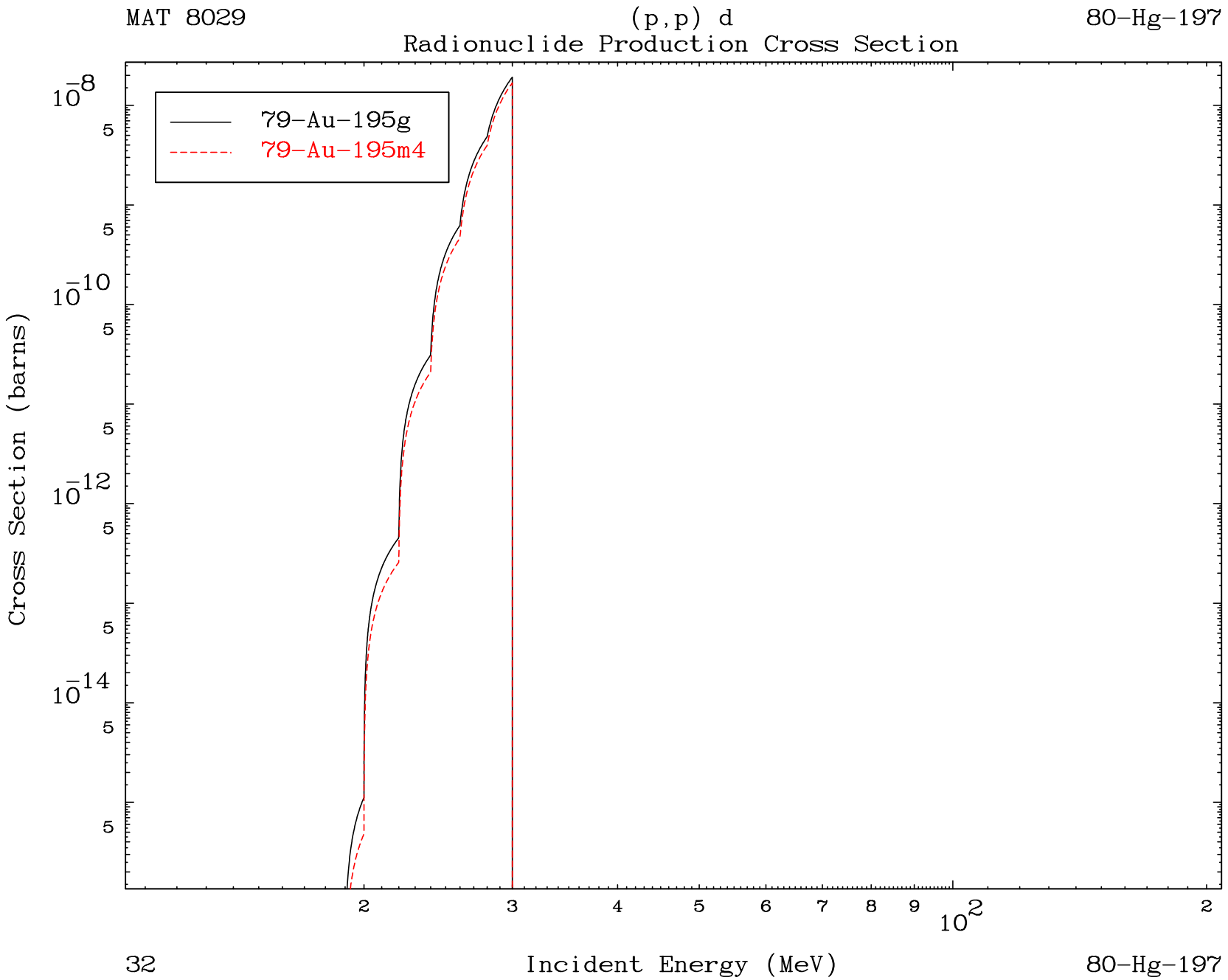

MAT 8029
(p,He-3)
80-Hg-197
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
27
80-Hg-197

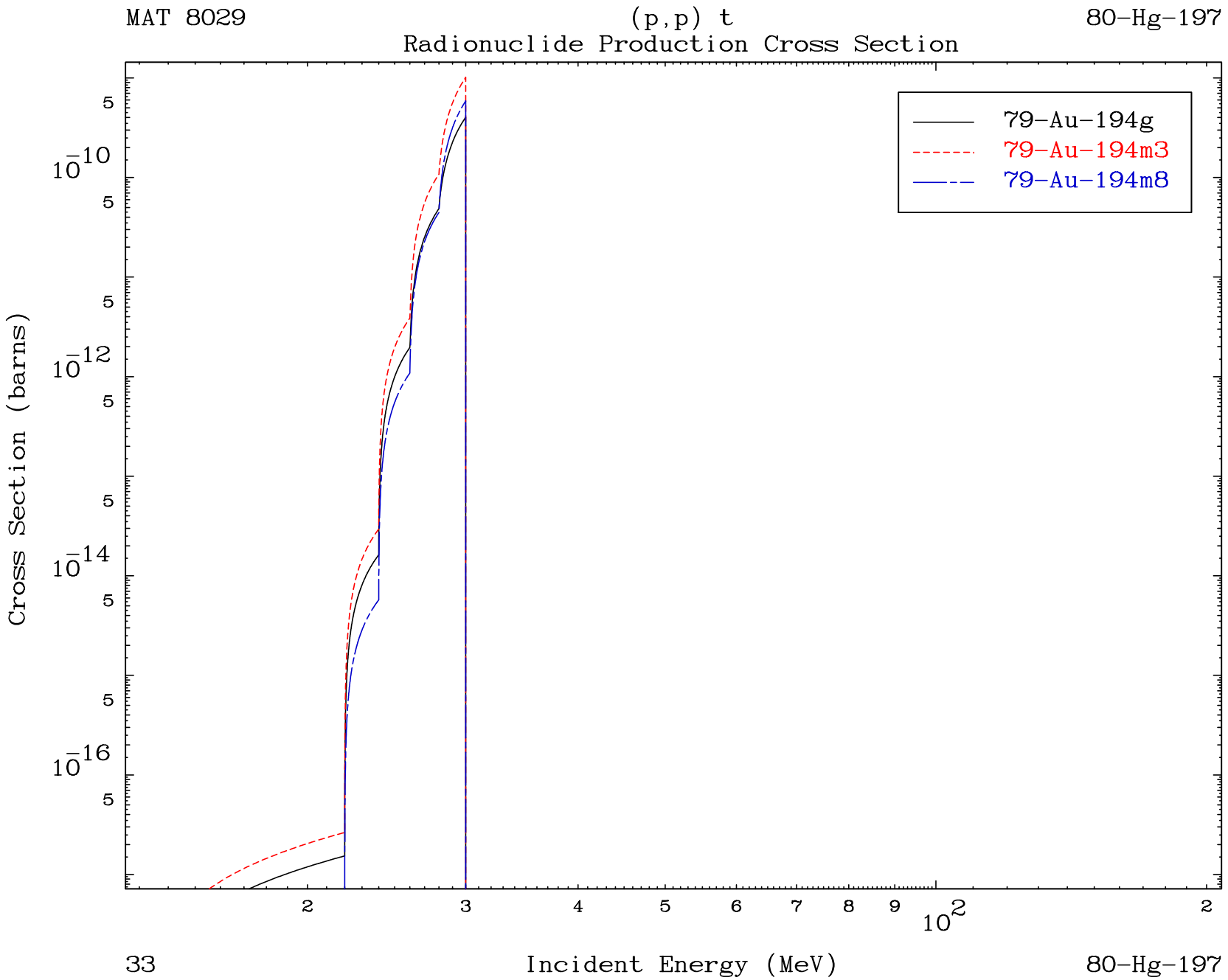

MAT 8029
(p,α)
80-Hg-197
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
28
80-Hg-197


MAT 8029
(p,2α)
80-Hg-197
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
77-Ir-190m10
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-197


MAT 8029
(p,2p)
80-Hg-197
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m10
Cross Section (barns)
Incident Energy (MeV)
30
80-Hg-197


MAT 8029
(p,p) α
80-Hg-197
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
Incident Energy (MeV)
31
80-Hg-197


MAT 8029
(p,p) d
80-Hg-197
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
32
Incident Energy (MeV)
80-Hg-197


MAT 8029
(p,p) t
80-Hg-197
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
33
80-Hg-197