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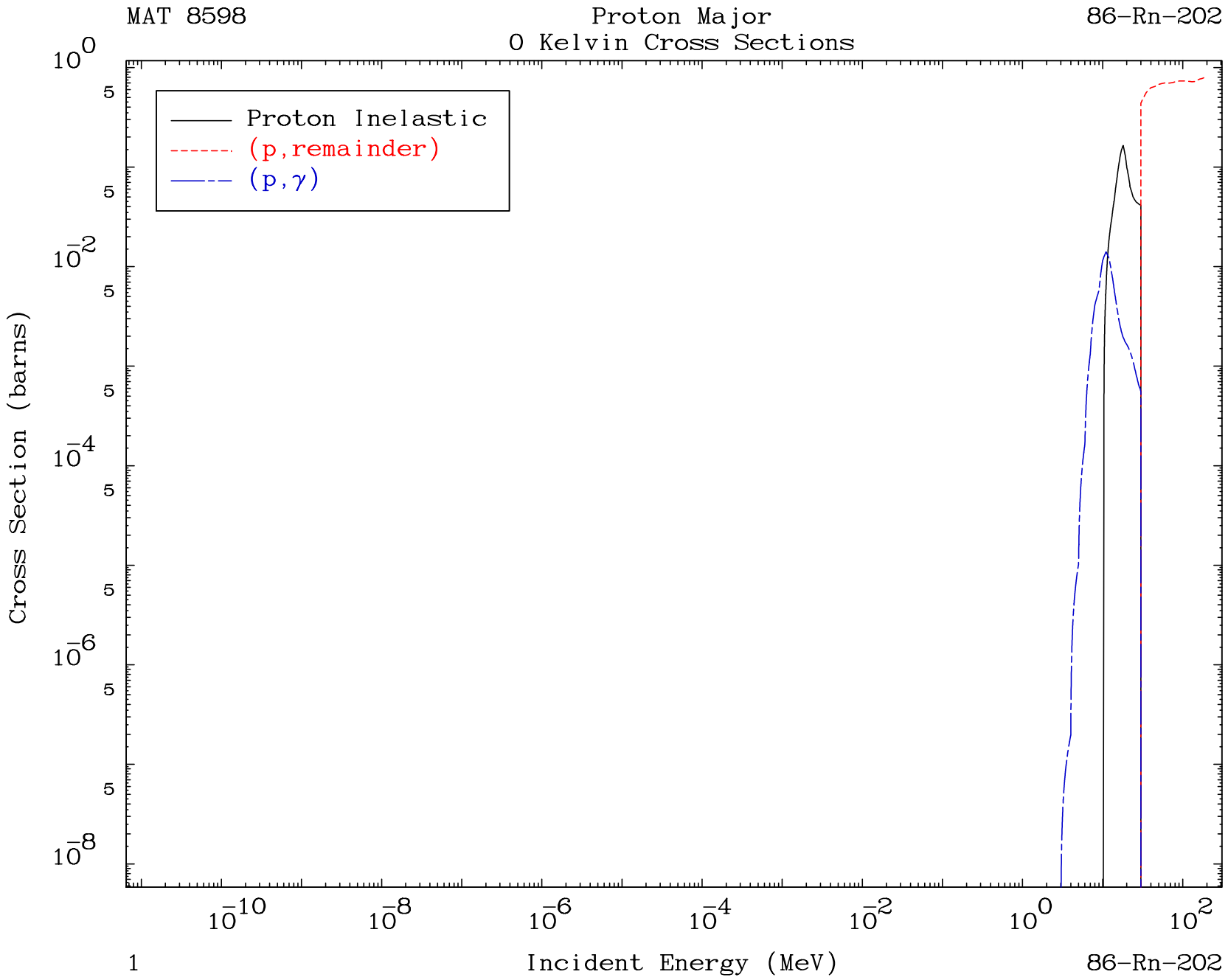
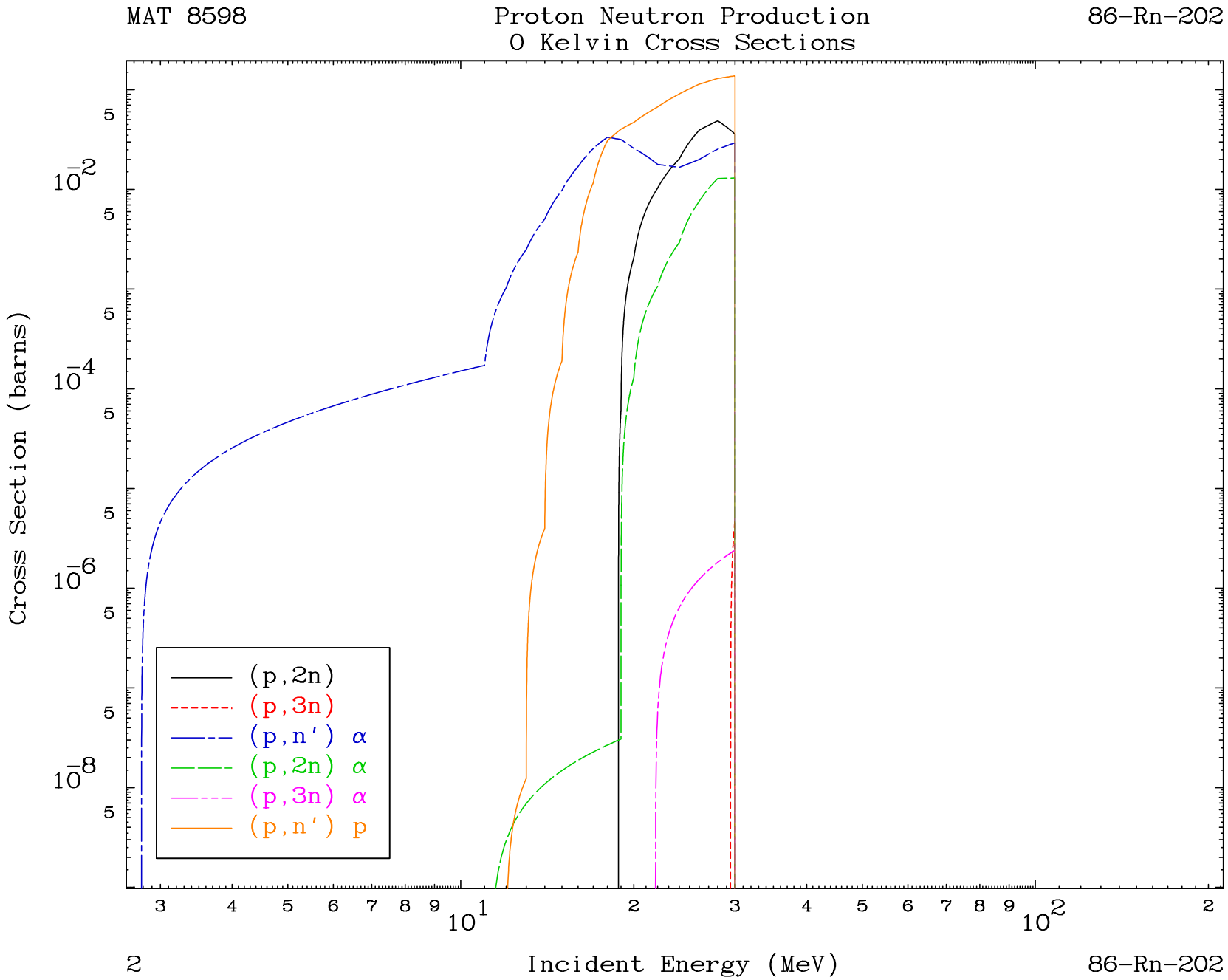
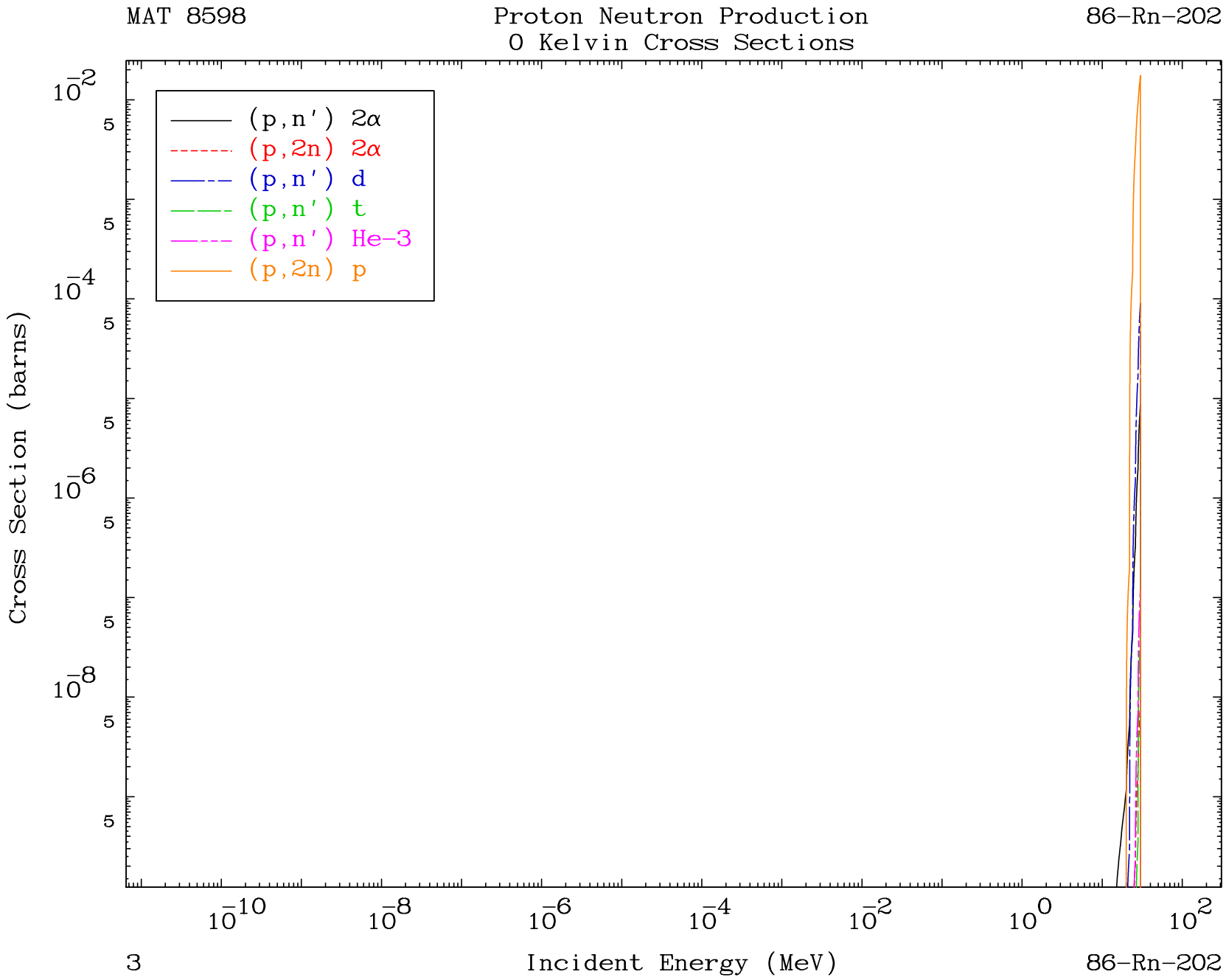
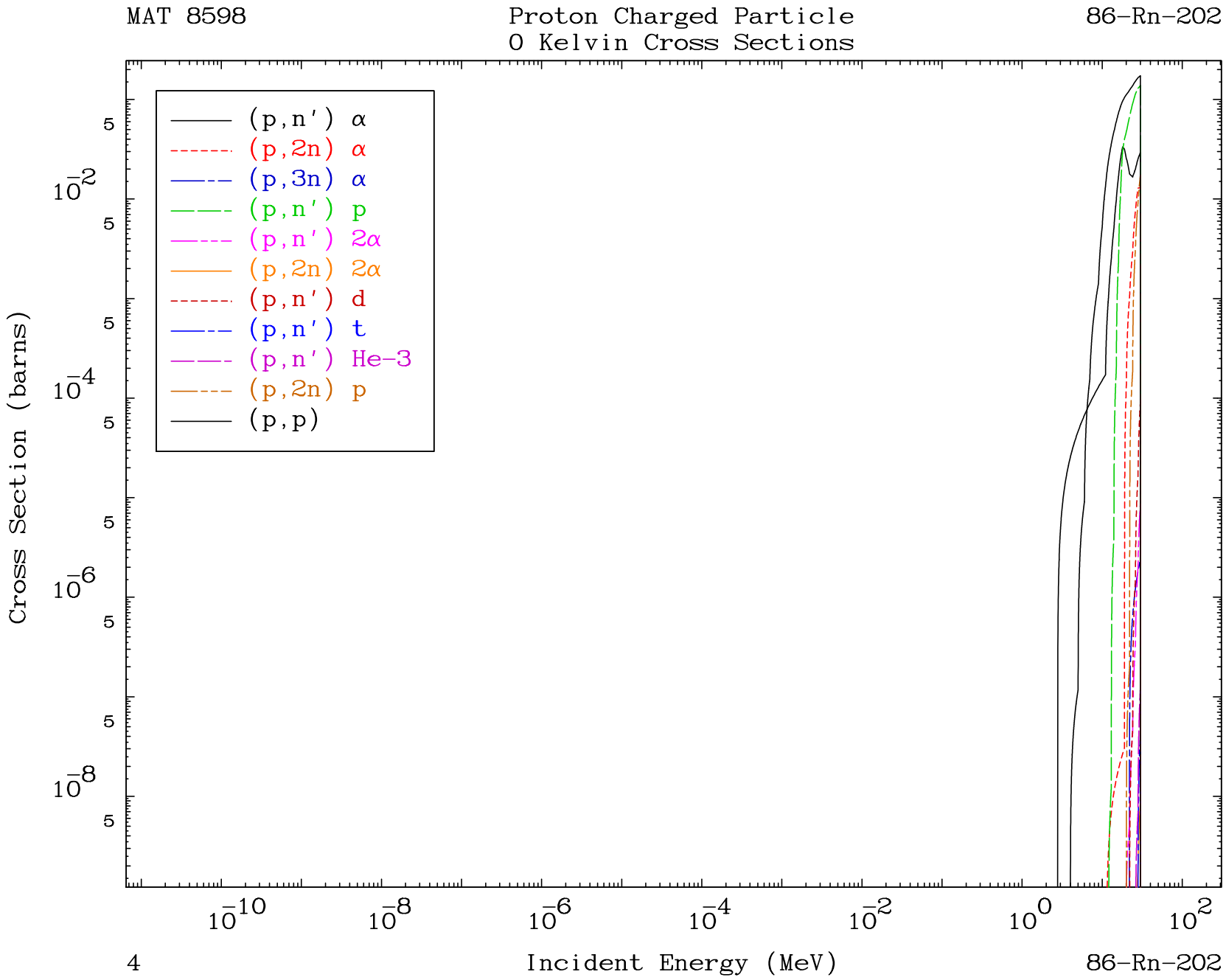
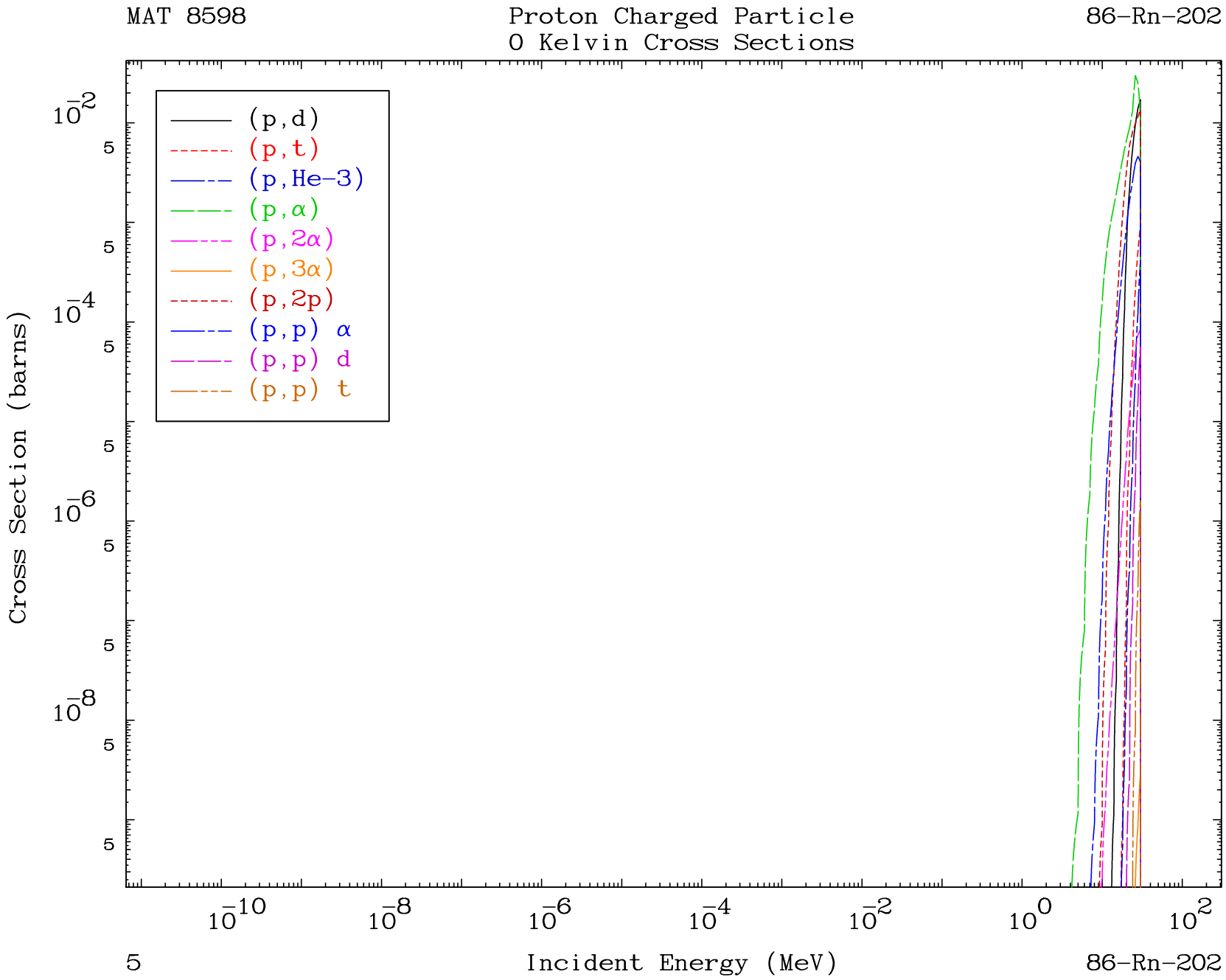
Press Mouse Button to Start

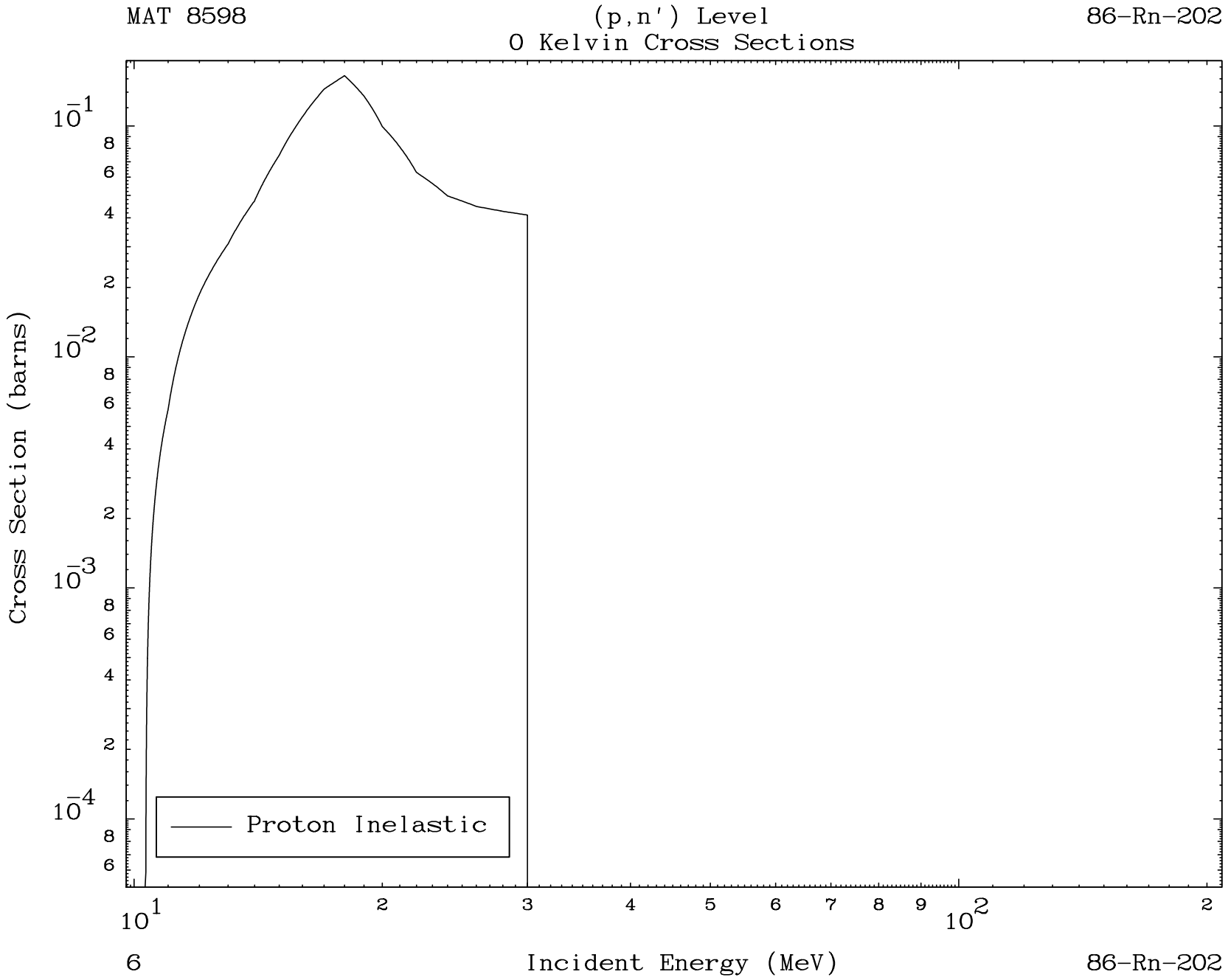

MAT 8598
Proton Major
86-Rn-202
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
1

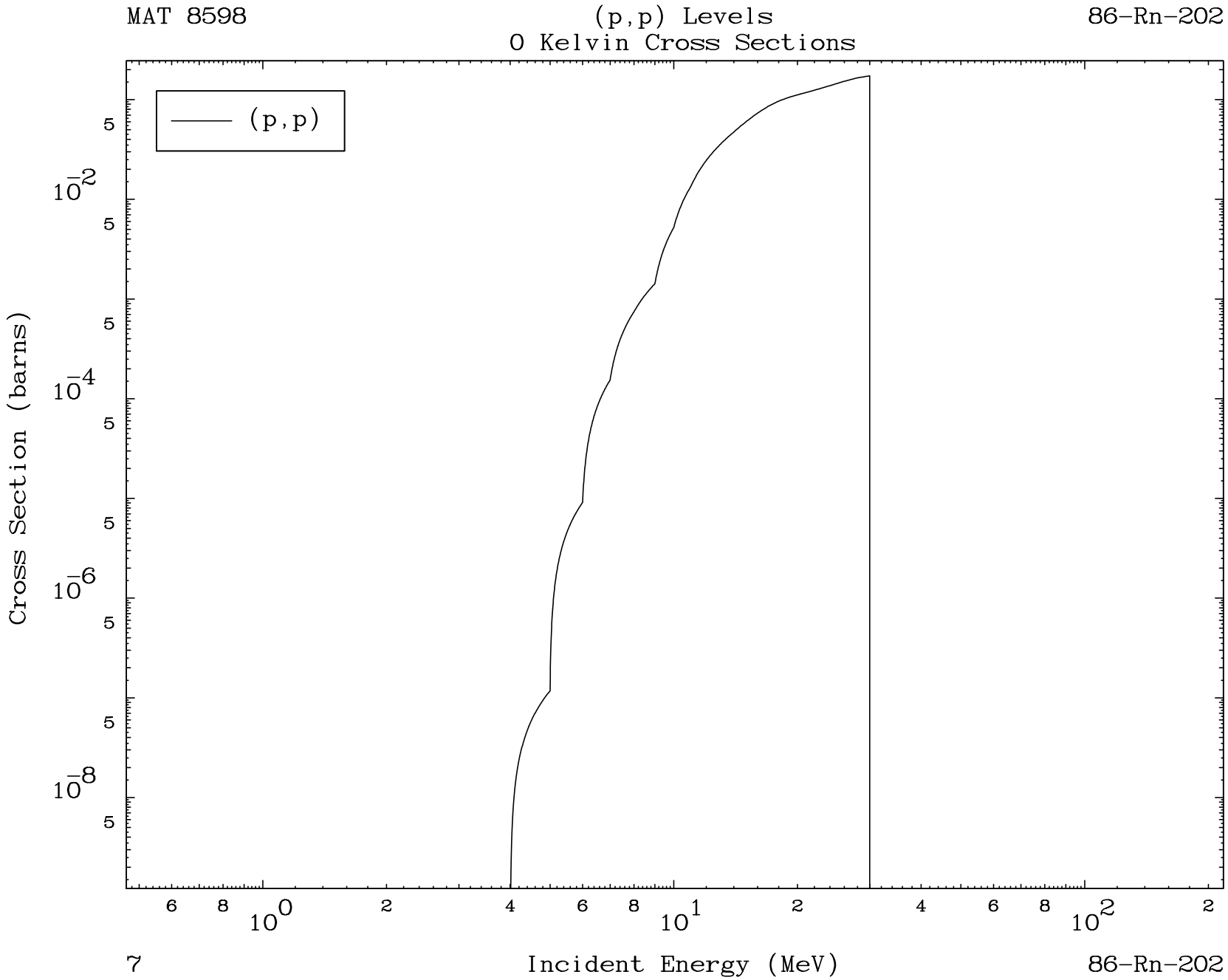

MAT 8598
Proton Neutron Production
0 Kelvin Cross Sections
86-Rn-202
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p

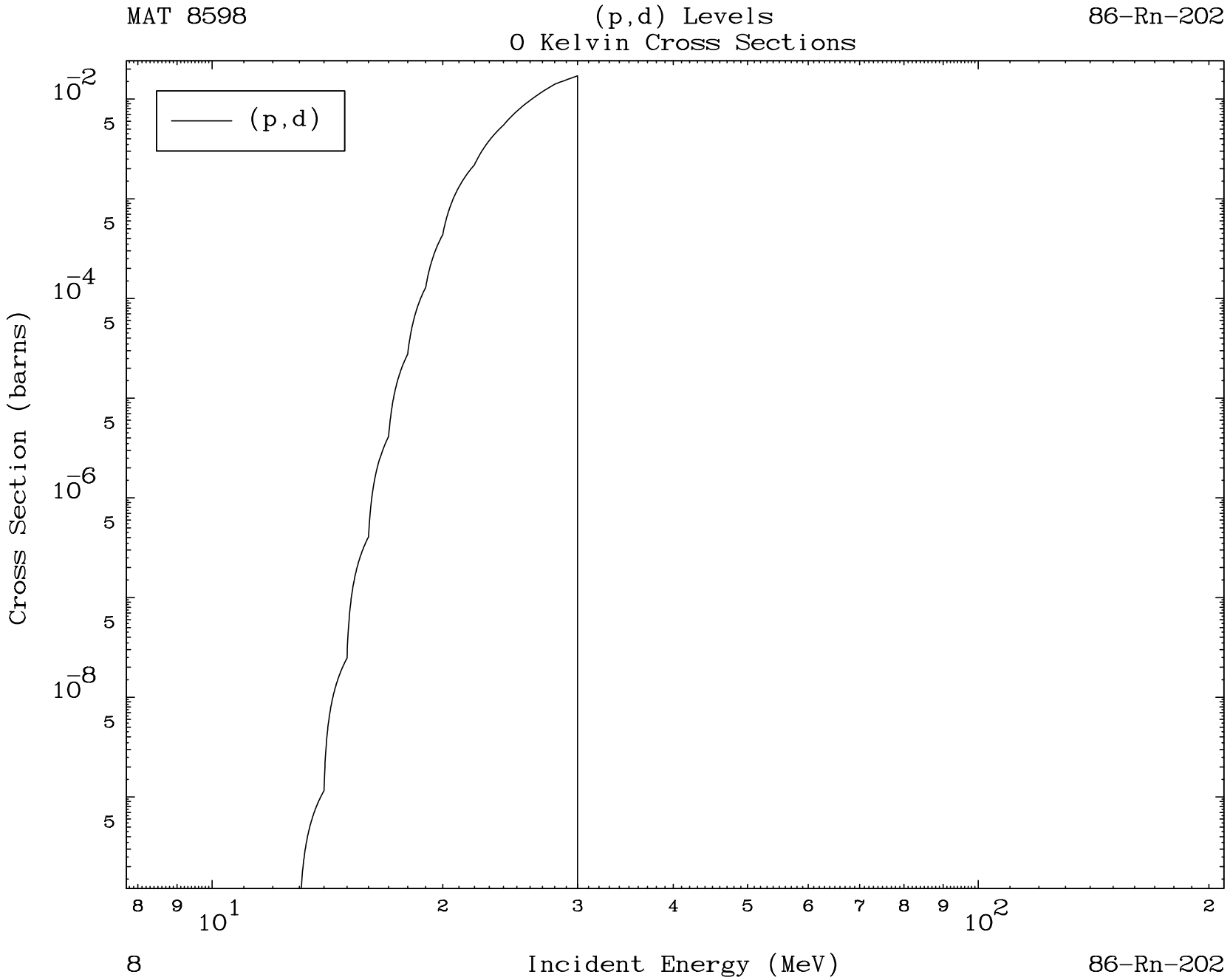

MAT 8598
Proton Neutron Production
0 Kelvin Cross Sections
86-Rn-202
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)
3
86-Rn-202

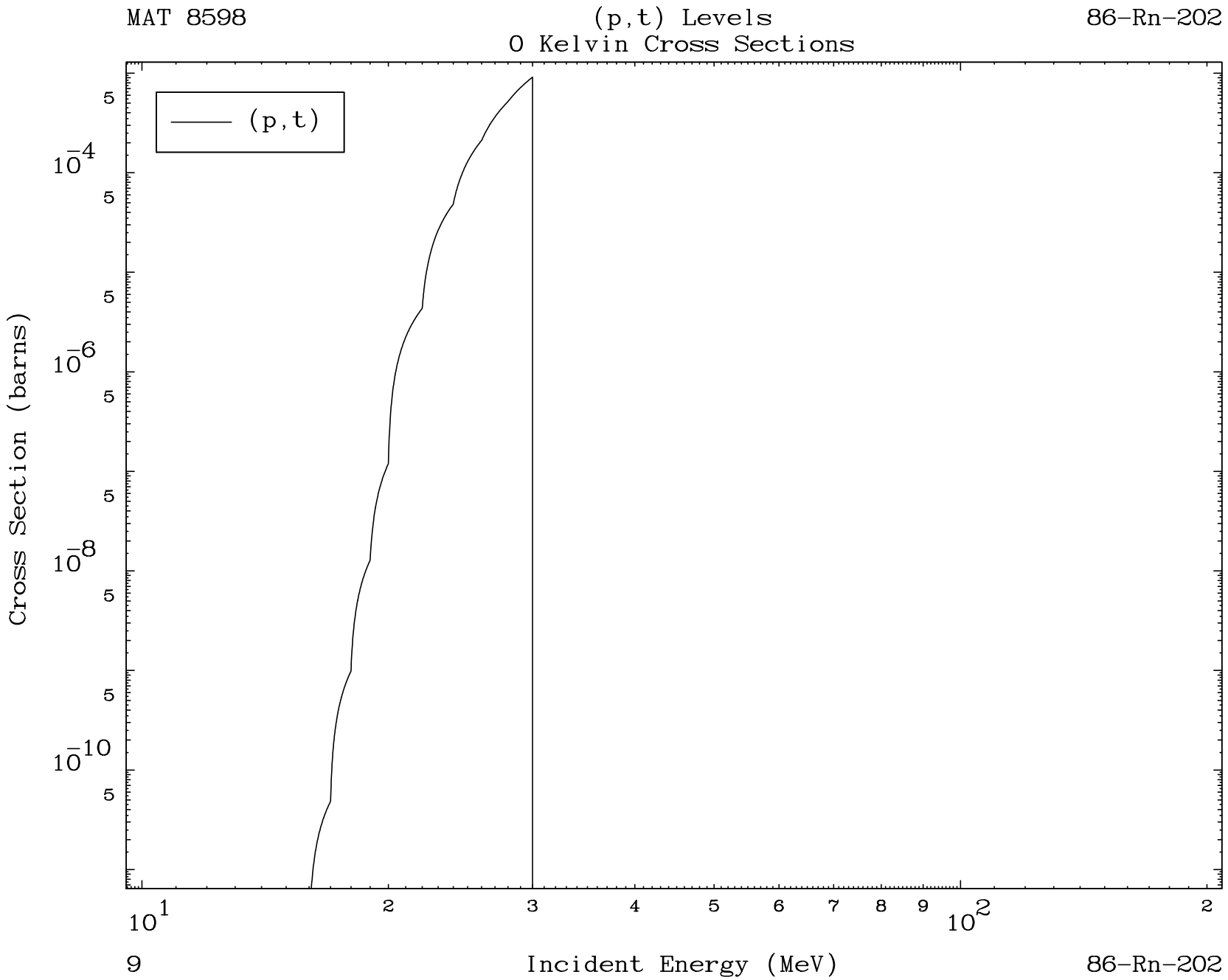

MAT 8598
Proton Charged Particle
0 Kelvin Cross Sections
86-Rn-202
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-202

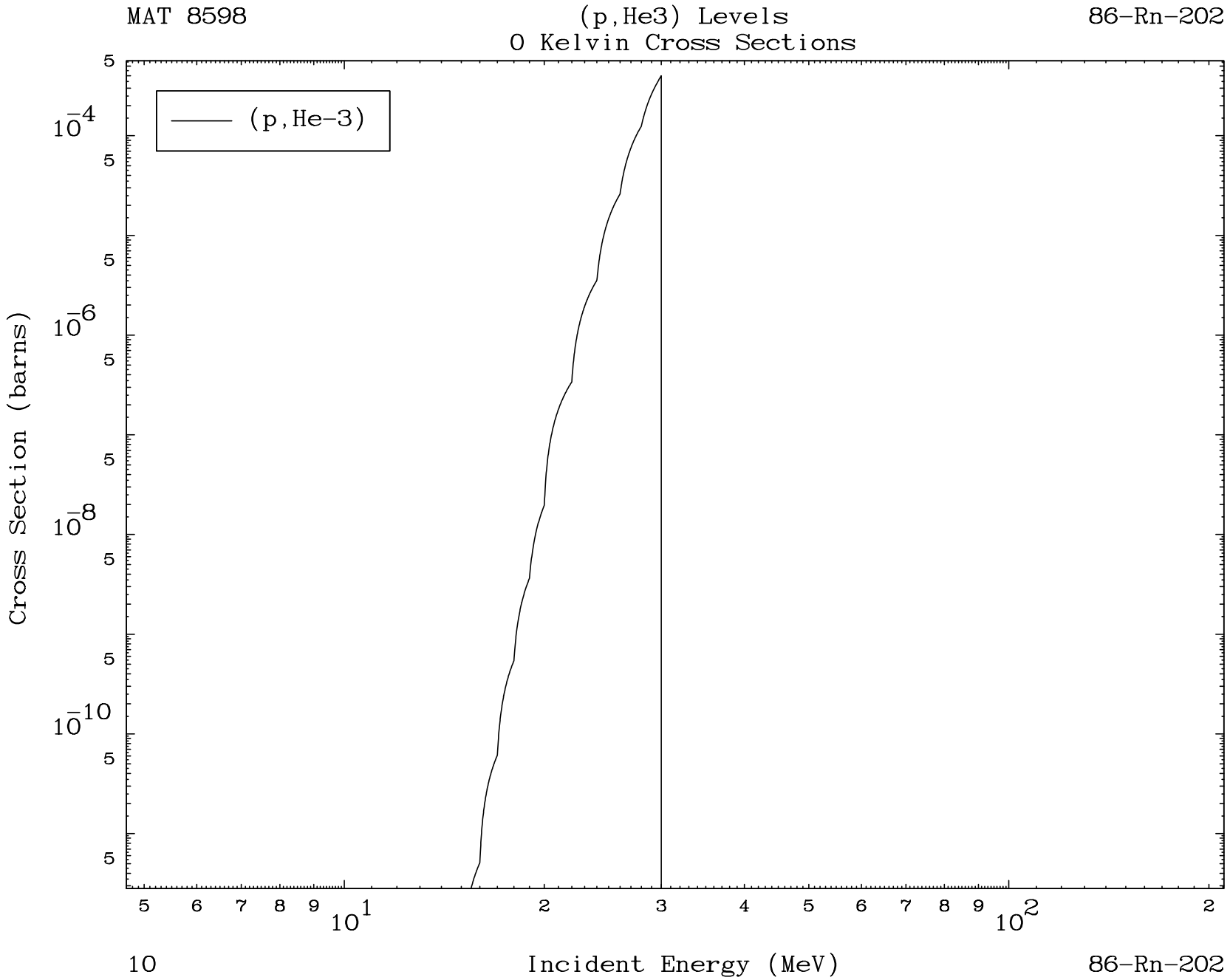

MAT 8598
Proton Charged Particle
0 Kelvin Cross Sections
86-Rn-202
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202

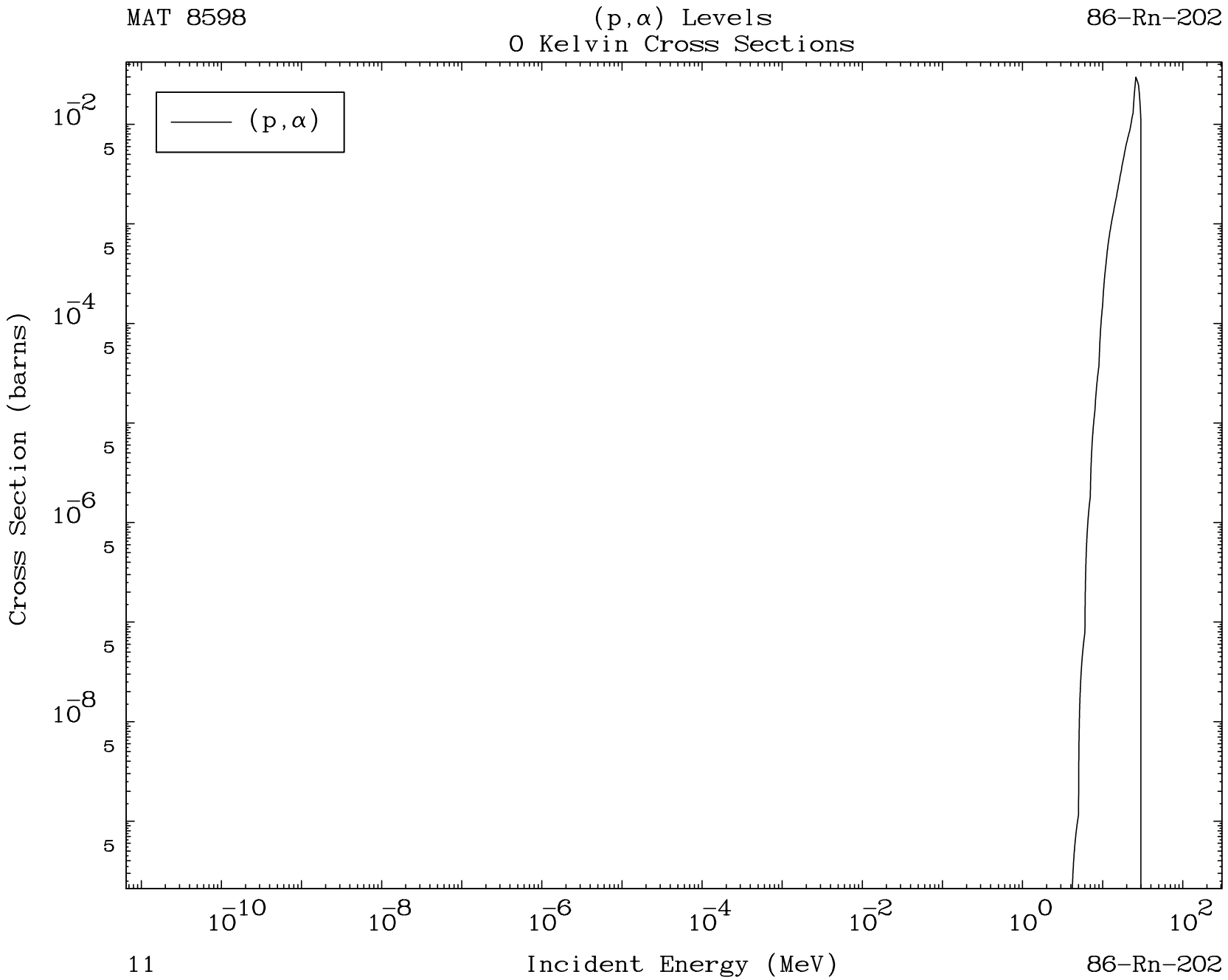

MAT 8598
(p,n') Level
86-Rn-202
0 Kelvin Cross Sections
Cross Section (barns)
Proton Inelastic
Incident Energy (MeV)
86-Rn-202

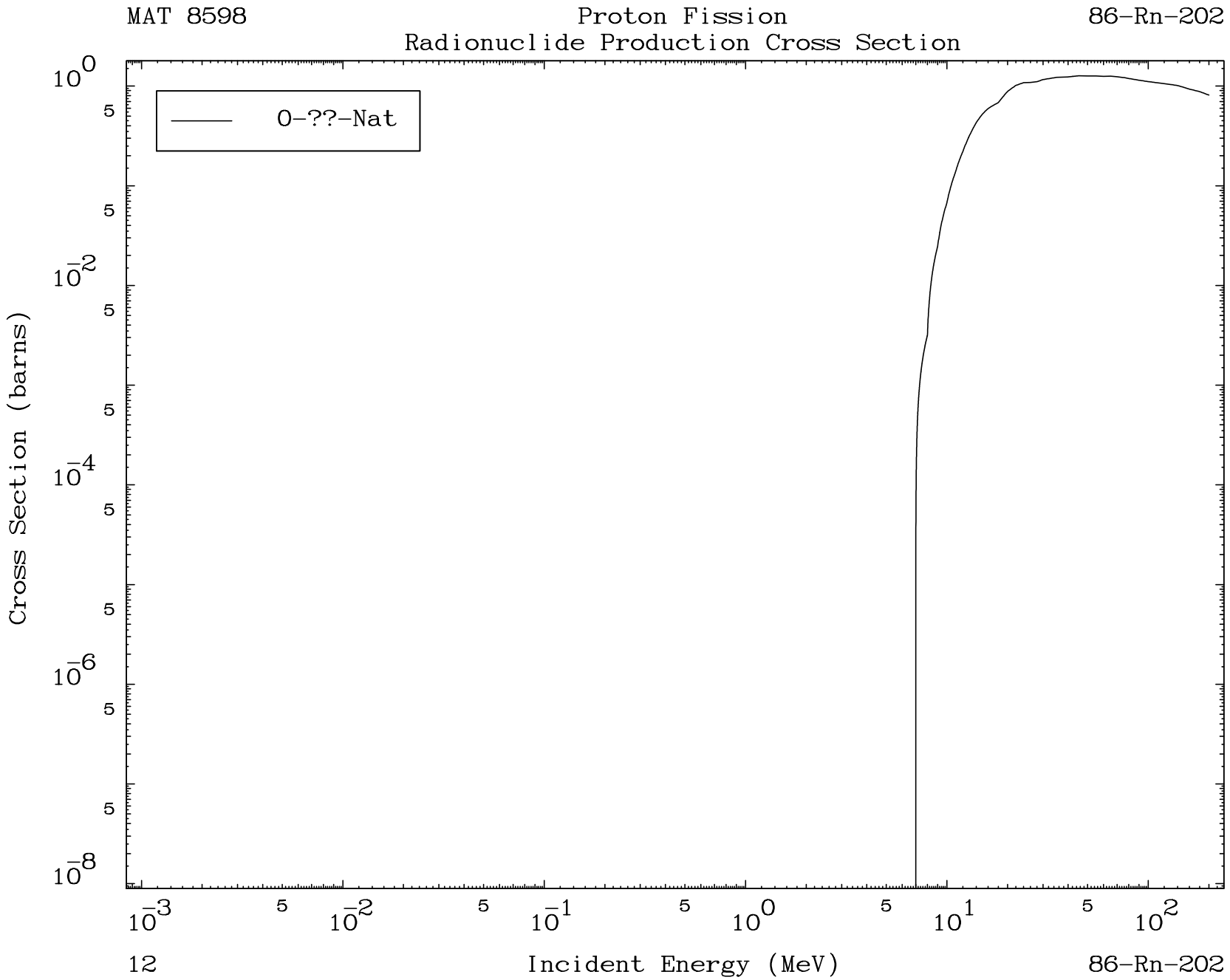

MAT 8598
(p,p) Levels
86-Rn-202
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
86-Rn-202

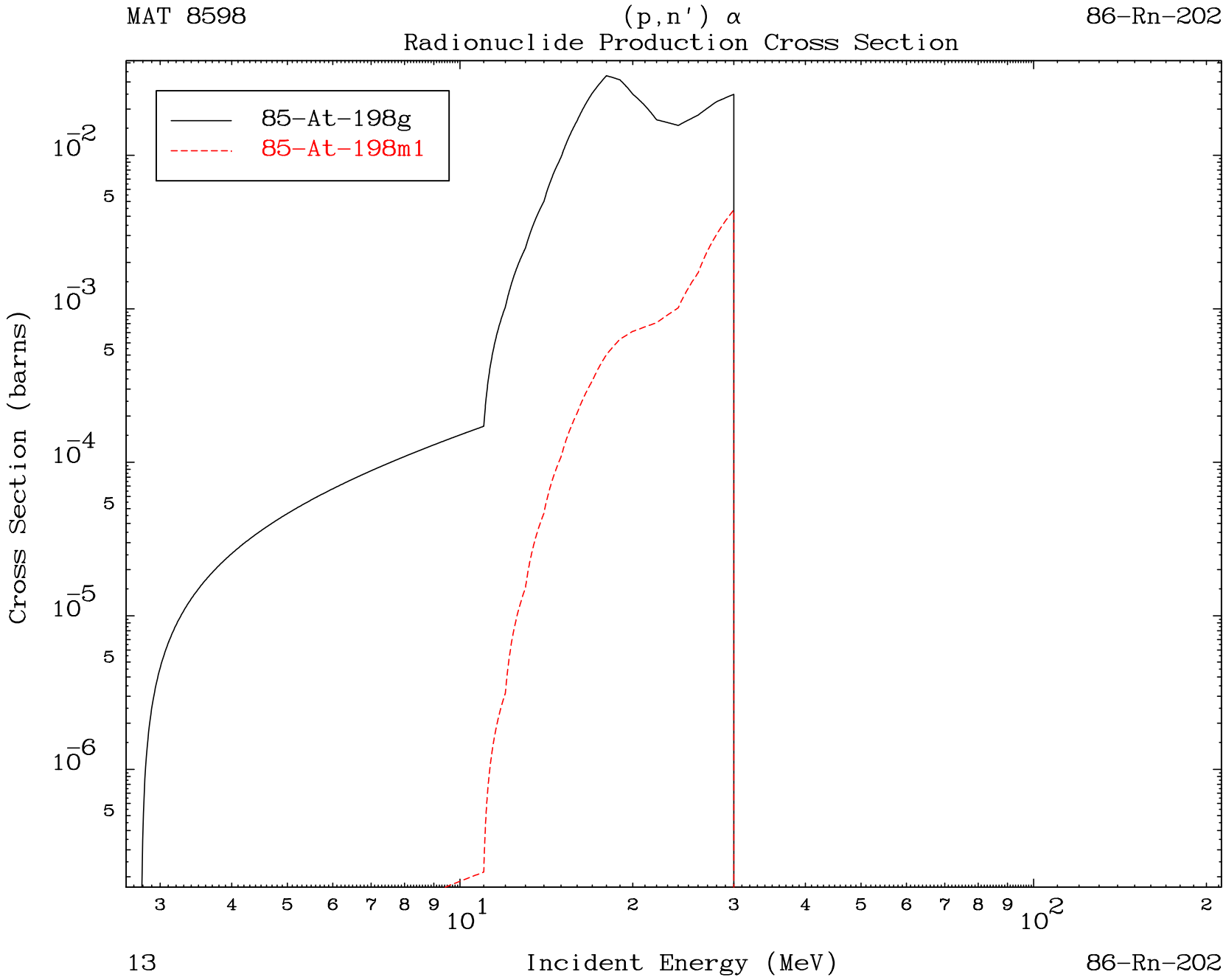

MAT 8598
(p,d) Levels
86-Rn-202
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
8

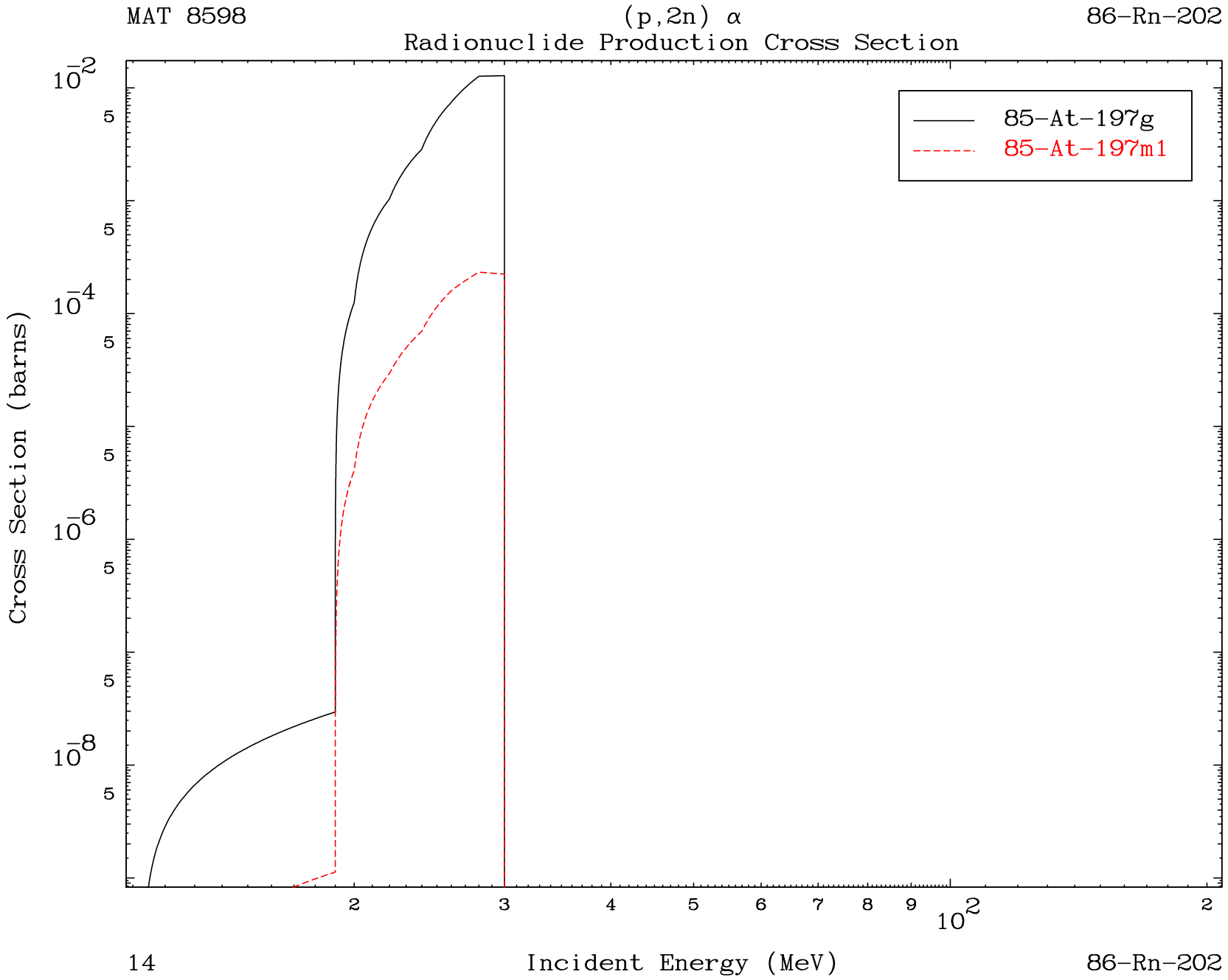

MAT 8598
(p,t) Levels
86-Rn-202
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
9

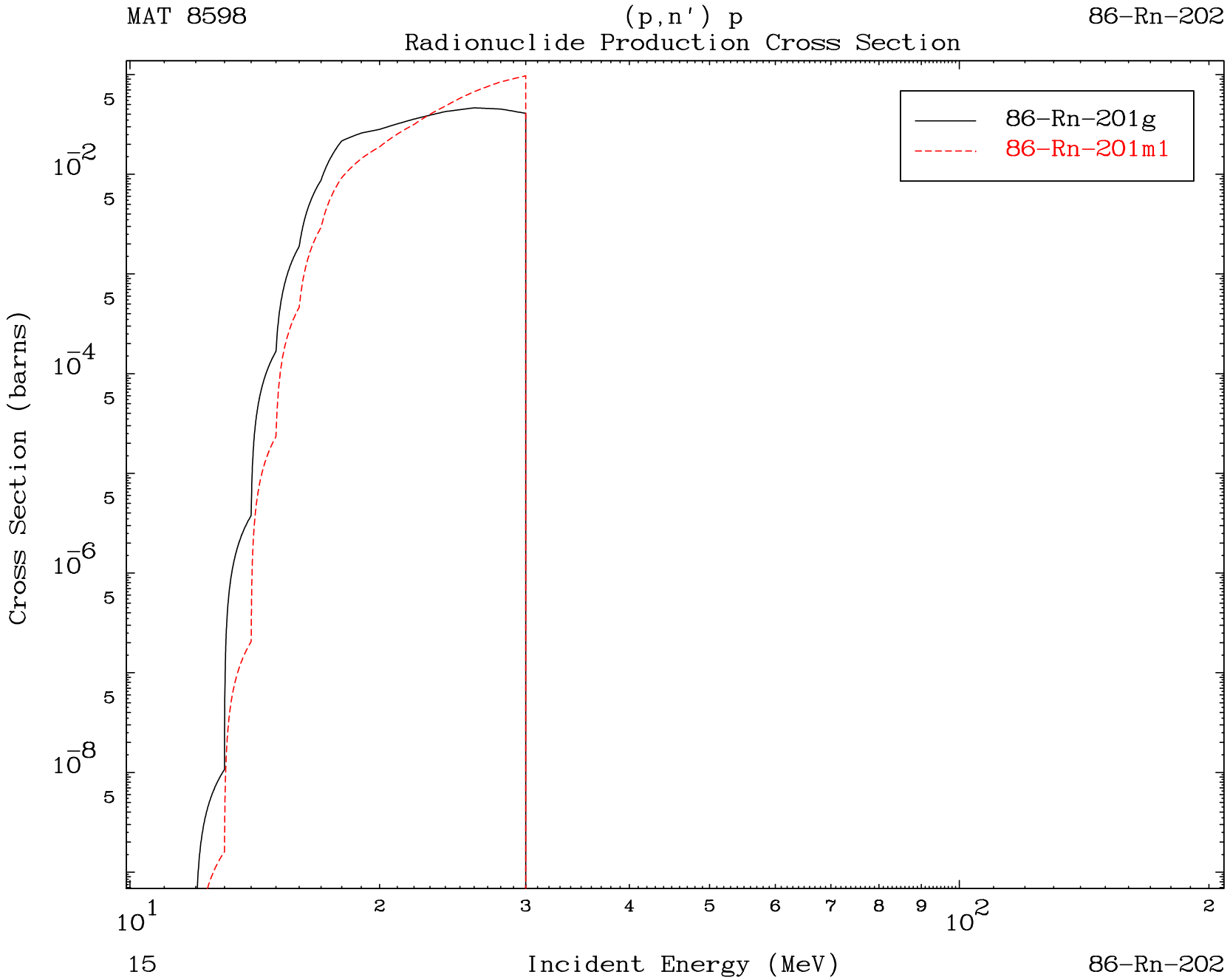

MAT 8598
(p,He3) Levels
86-Rn-202
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202

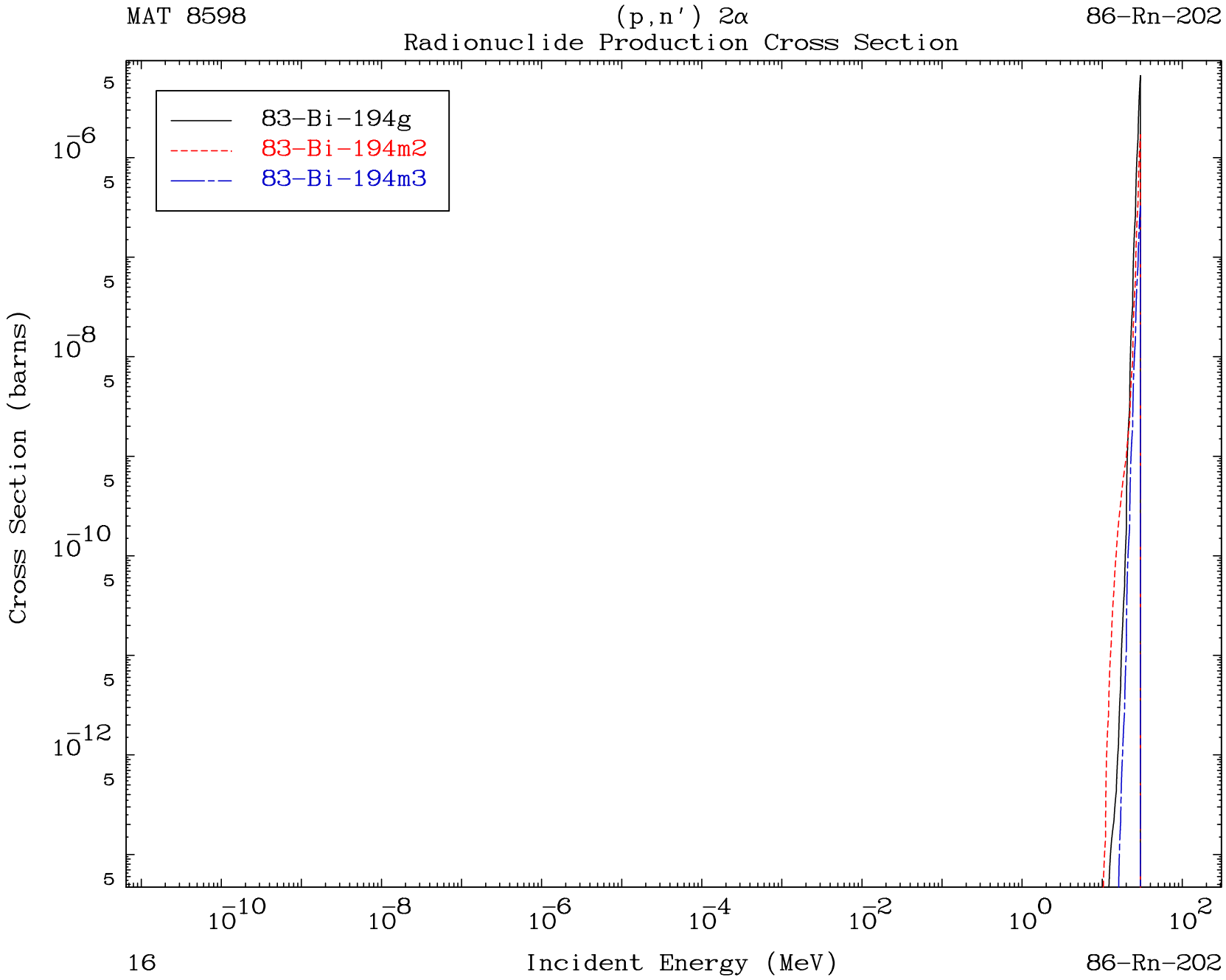

MAT 8598
(p,α) Levels
86-Rn-202
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
86-Rn-202

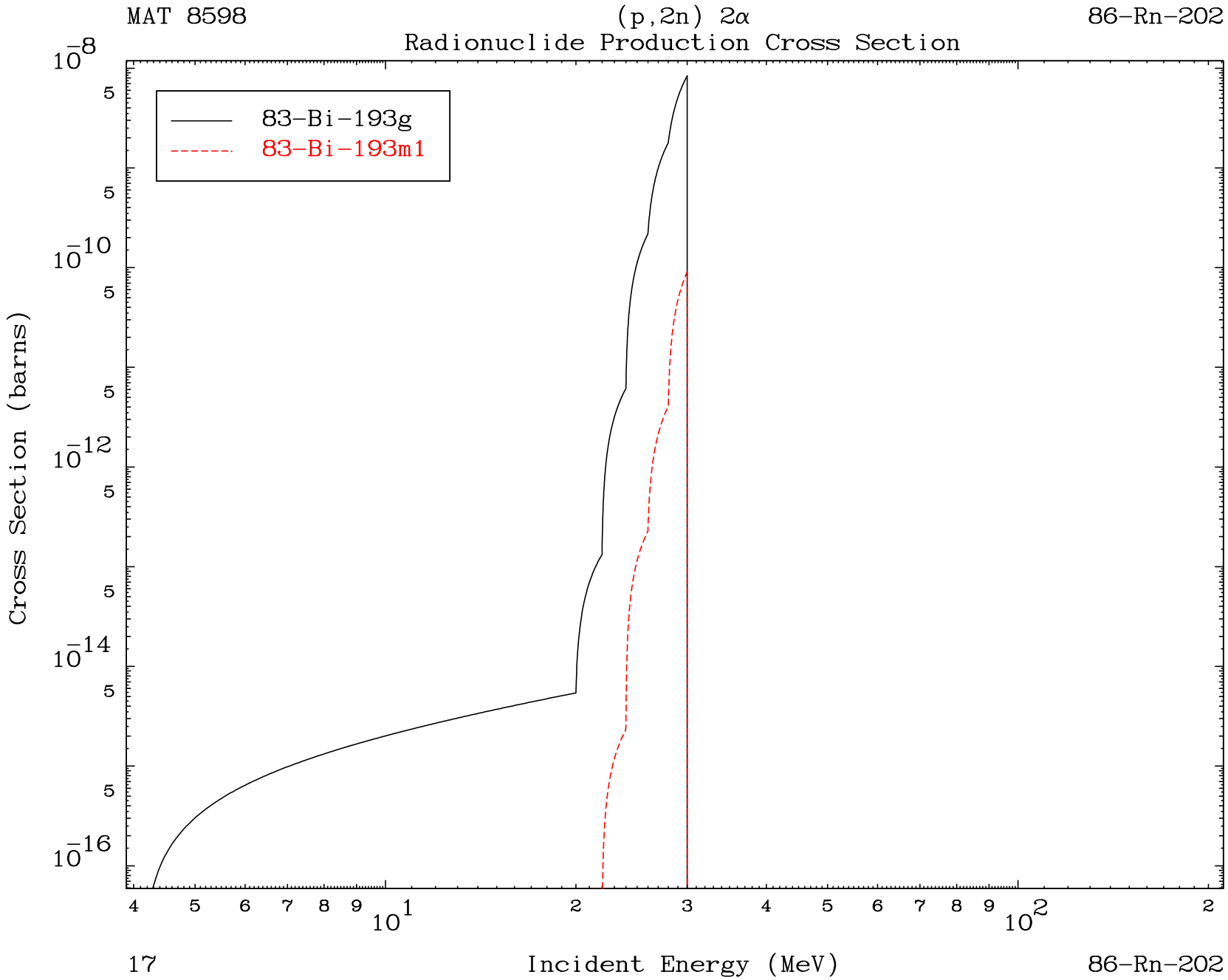

MAT 8598
Proton Fission
86-Rn-202
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
12

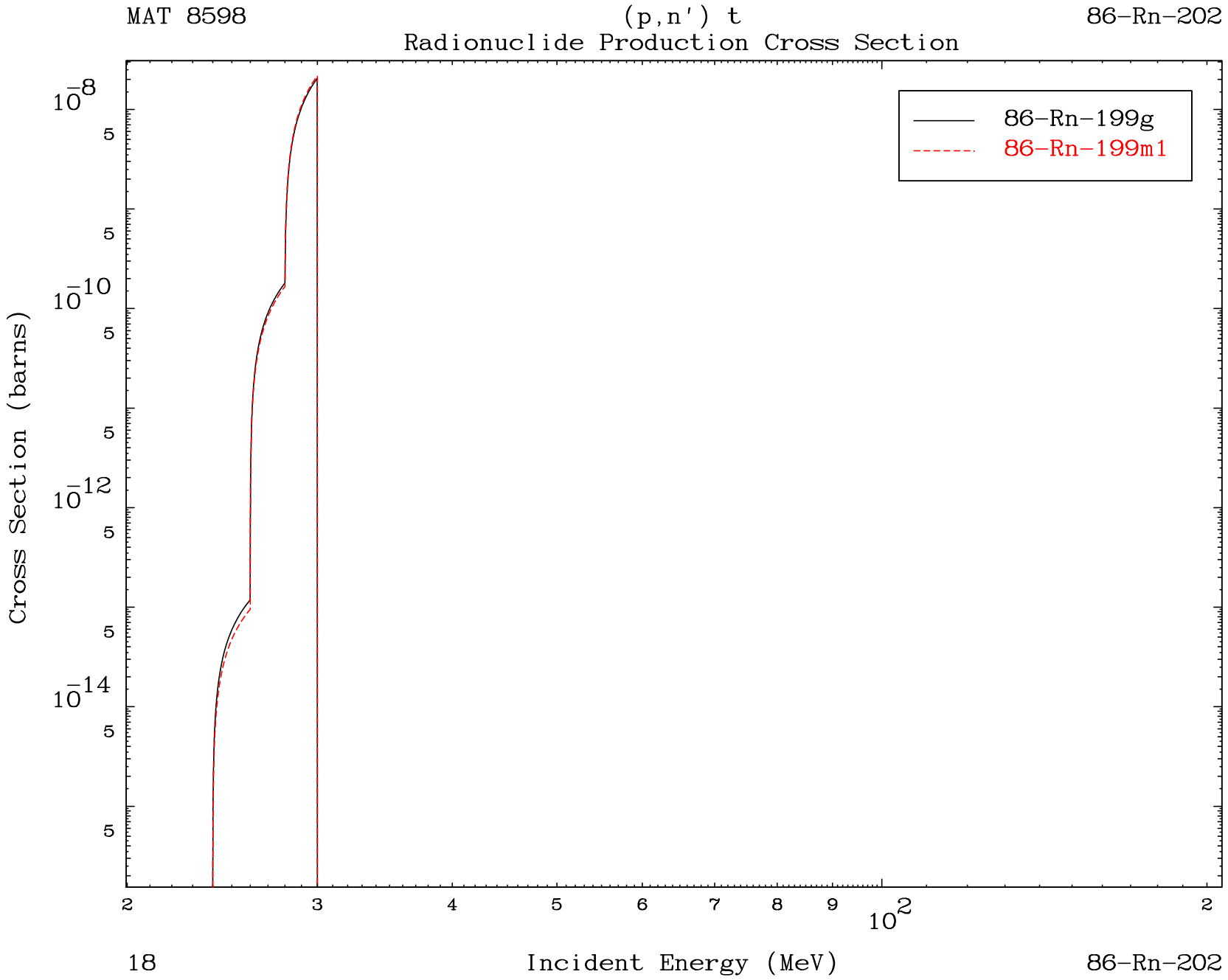

MAT 8598
(p,n') α
86-Rn-202
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
13
Incident Energy (MeV)
86-Rn-202

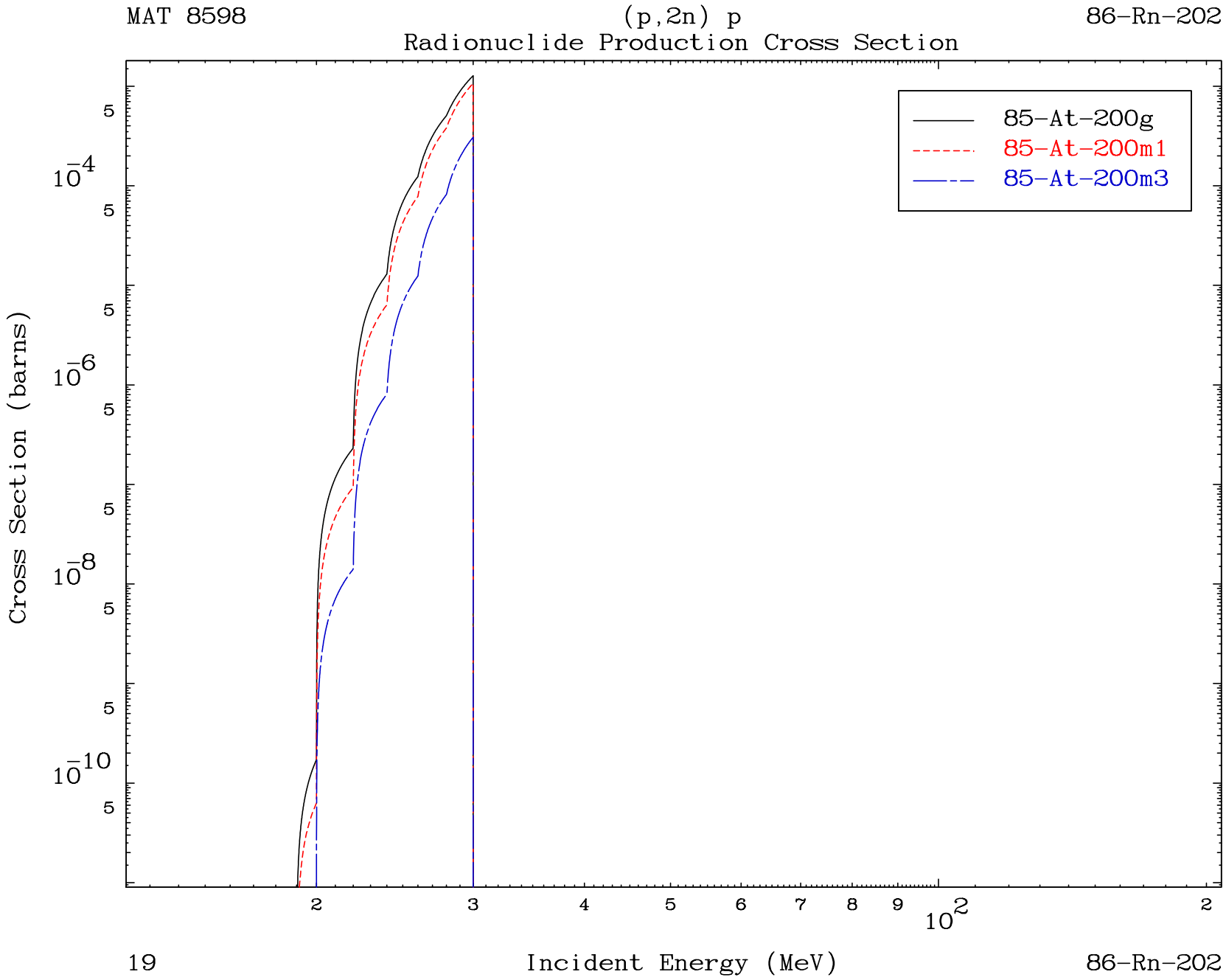

MAT 8598
(p,2n) α
86-Rn-202
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
Incident Energy (MeV)
14
86-Rn-202

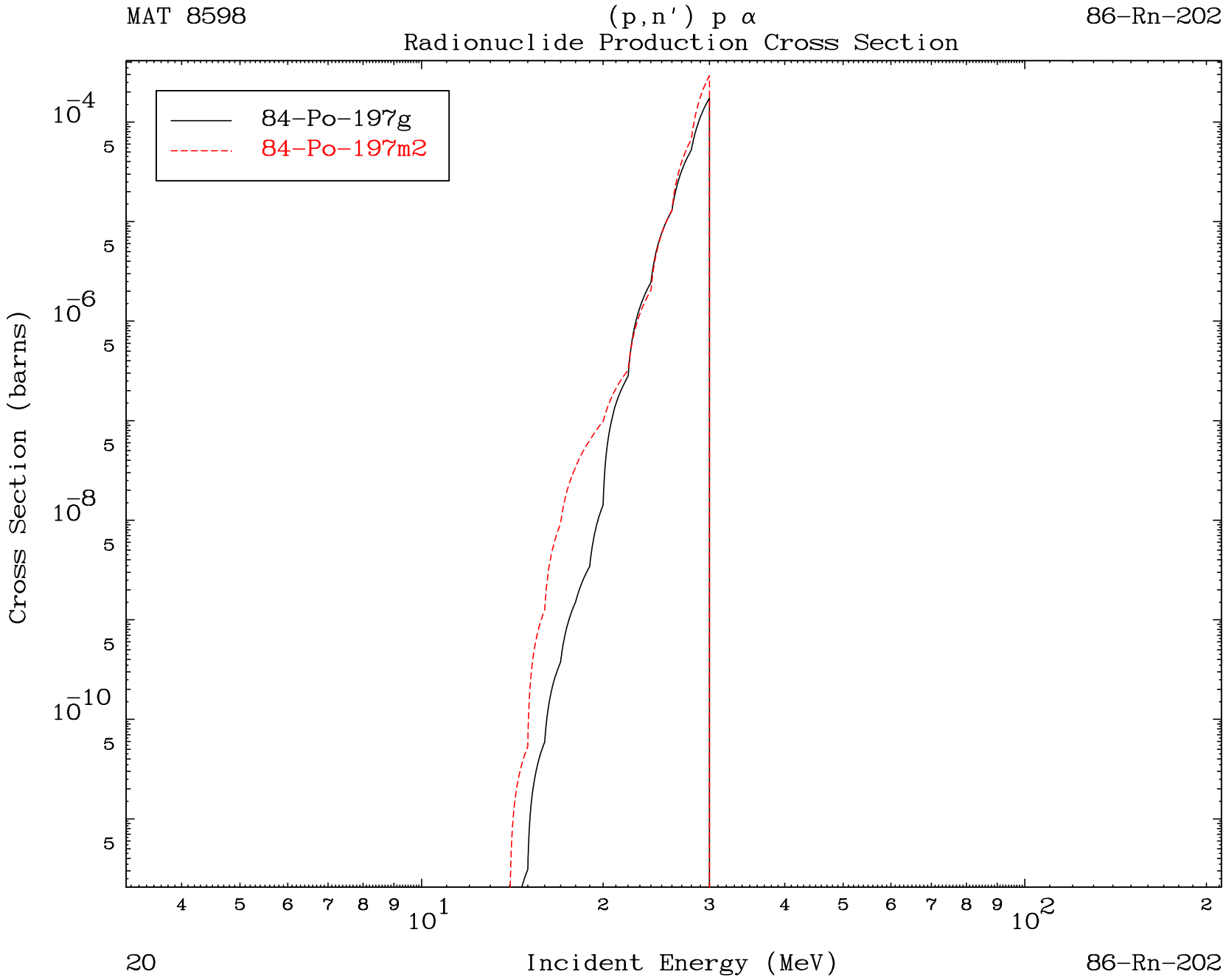

MAT 8598
(p,n') p
86-Rn-202
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
15

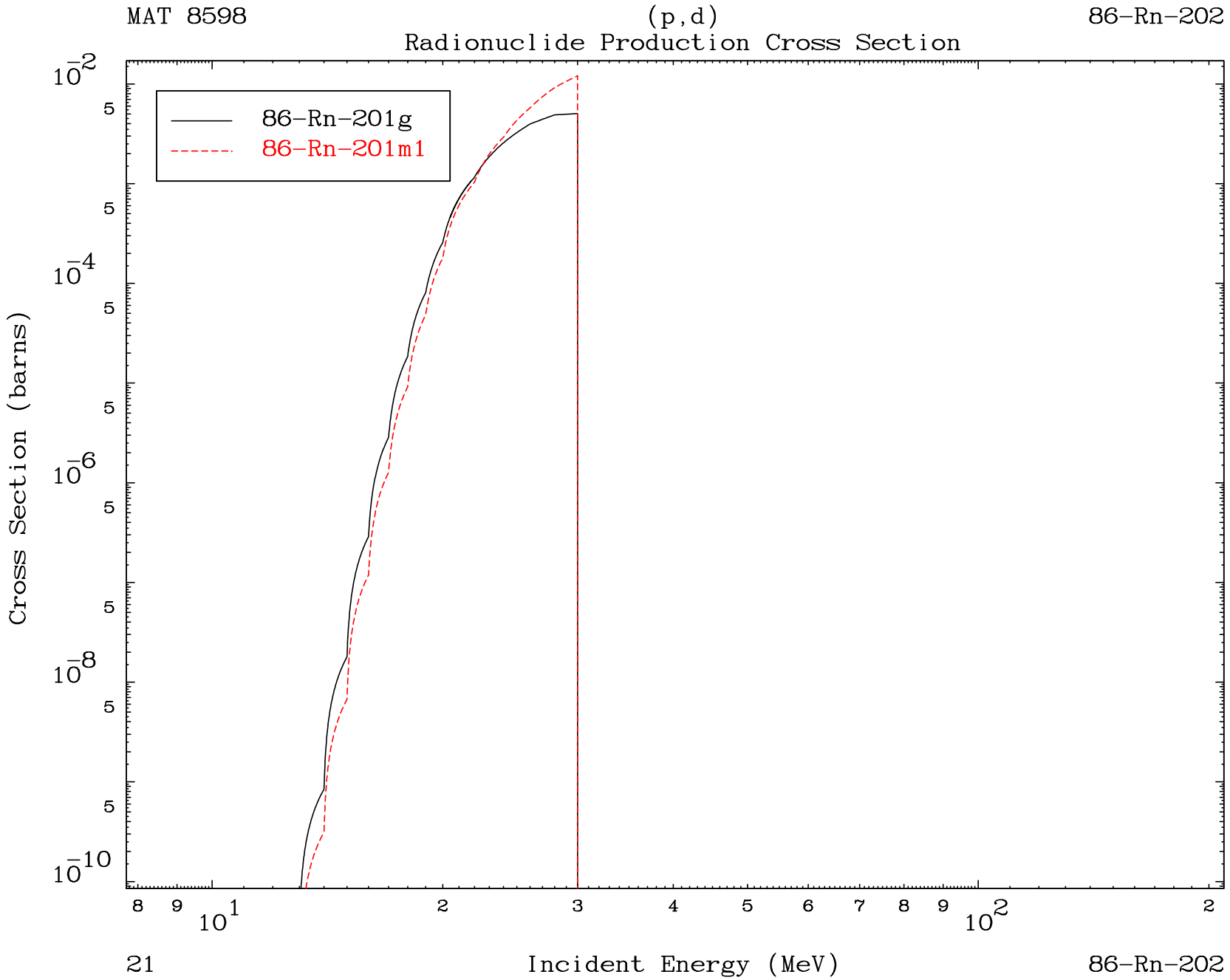

MAT 8598
(p,n') 2α
86-Rn-202
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m2
83-Bi-194m3
Cross Section (barns)
Incident Energy (MeV)
16
86-Rn-202

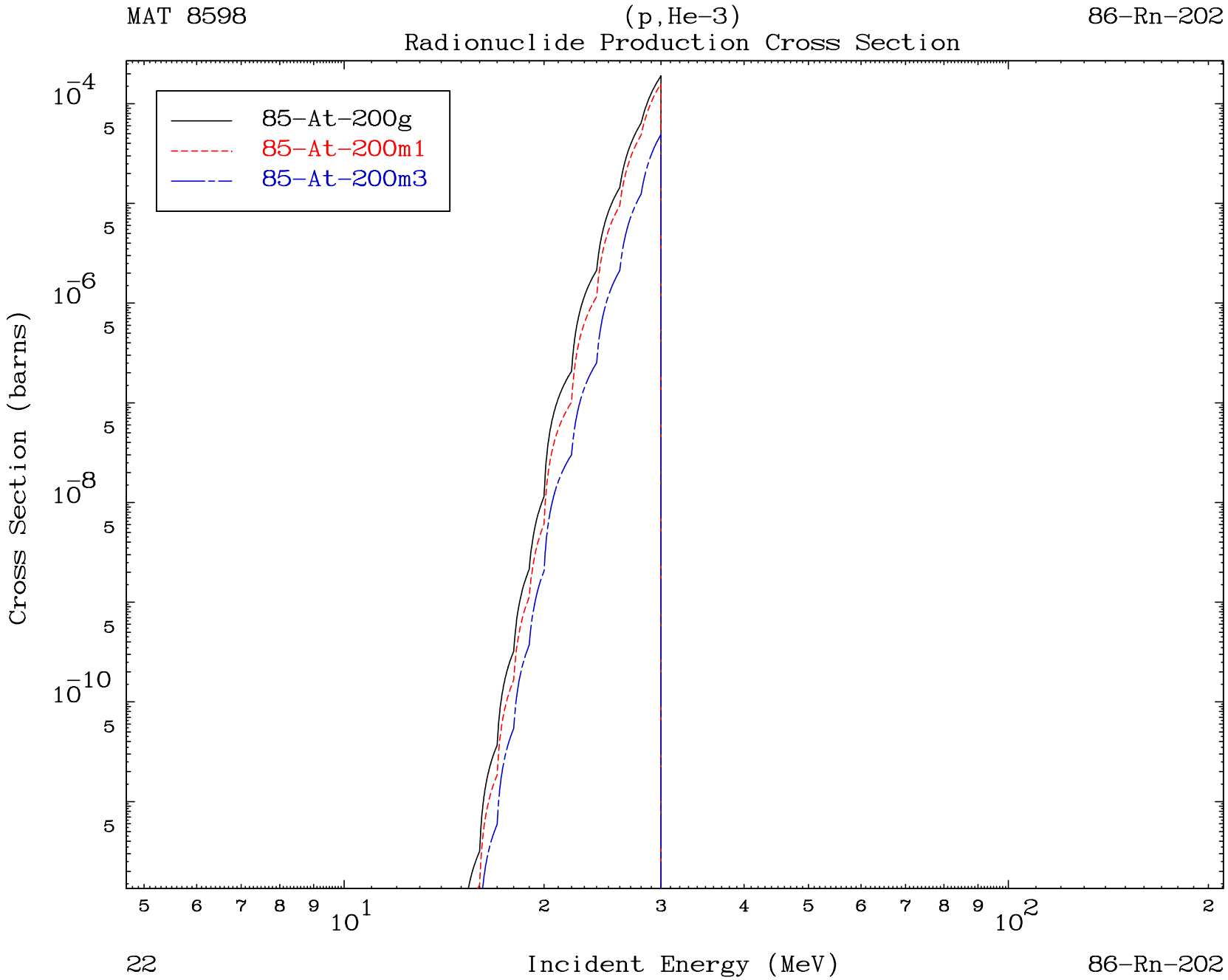

MAT 8598
(p,2n) 2α
86-Rn-202
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m1
Cross Section (barns)
Incident Energy (MeV)
17
86-Rn-202

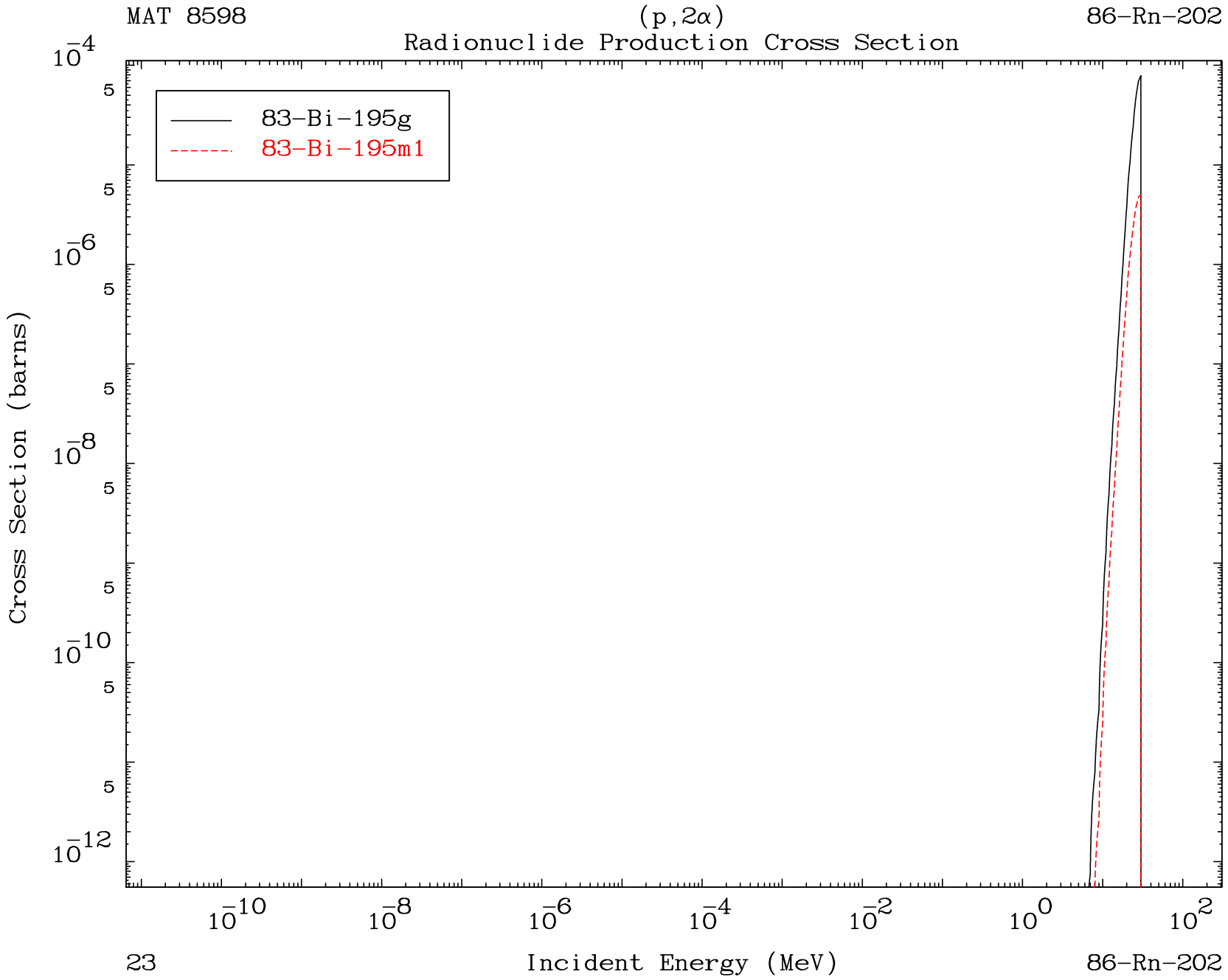

MAT 8598
(p,n') t
86-Rn-202
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
86-Rn-202

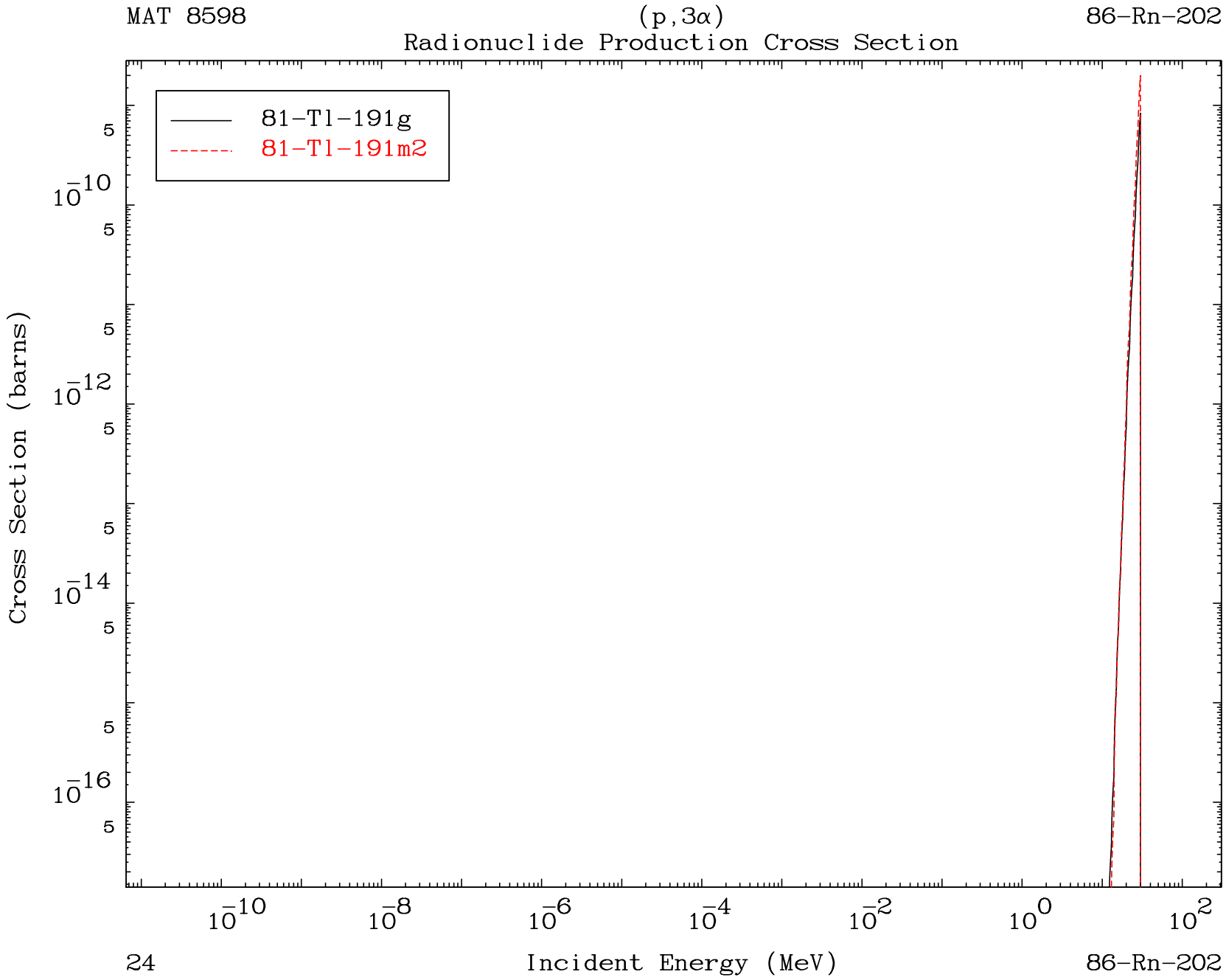

MAT 8598
(p,2n) p
86-Rn-202
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
86-Rn-202

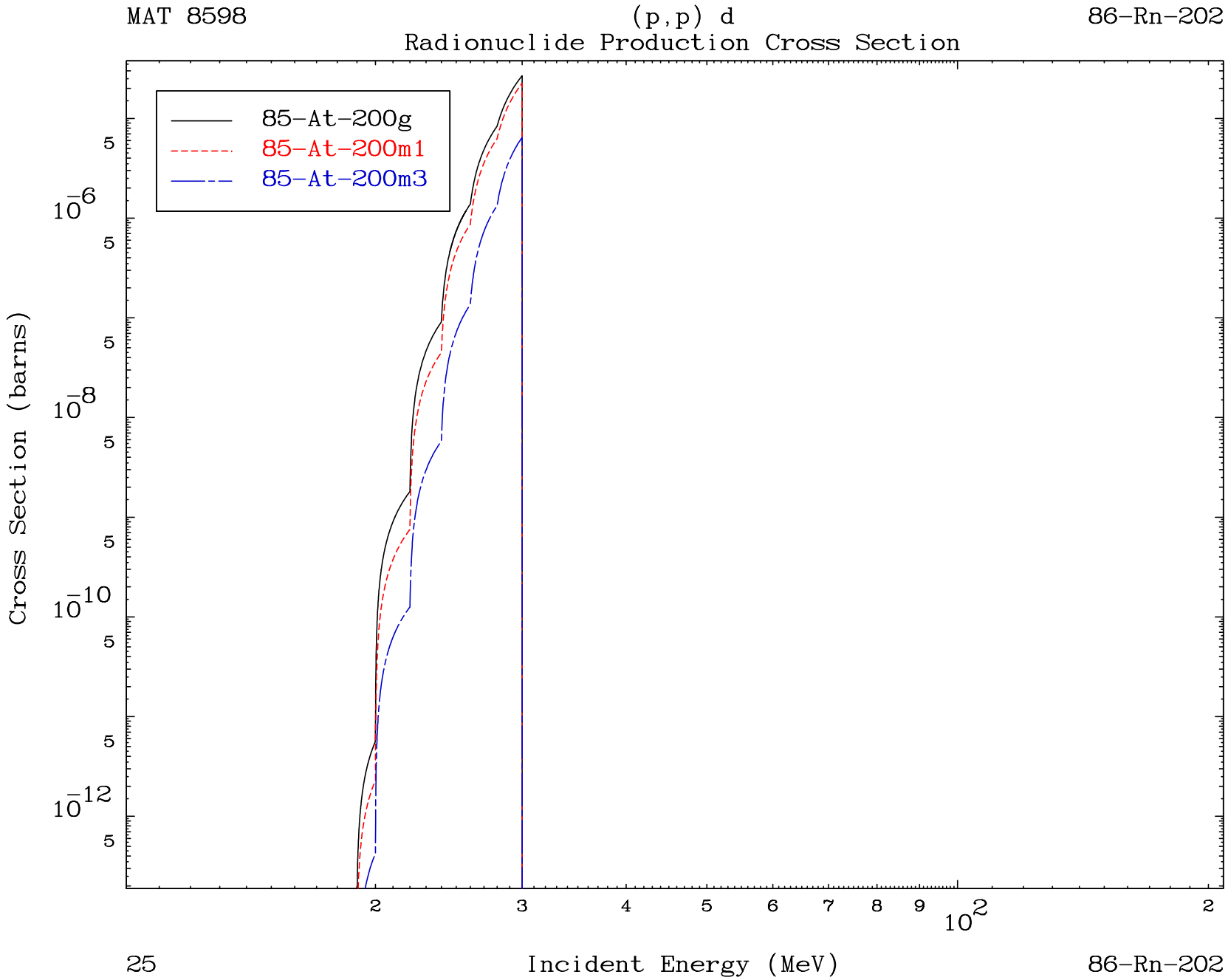

MAT 8598
(p,n') p α
86-Rn-202
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
20
86-Rn-202

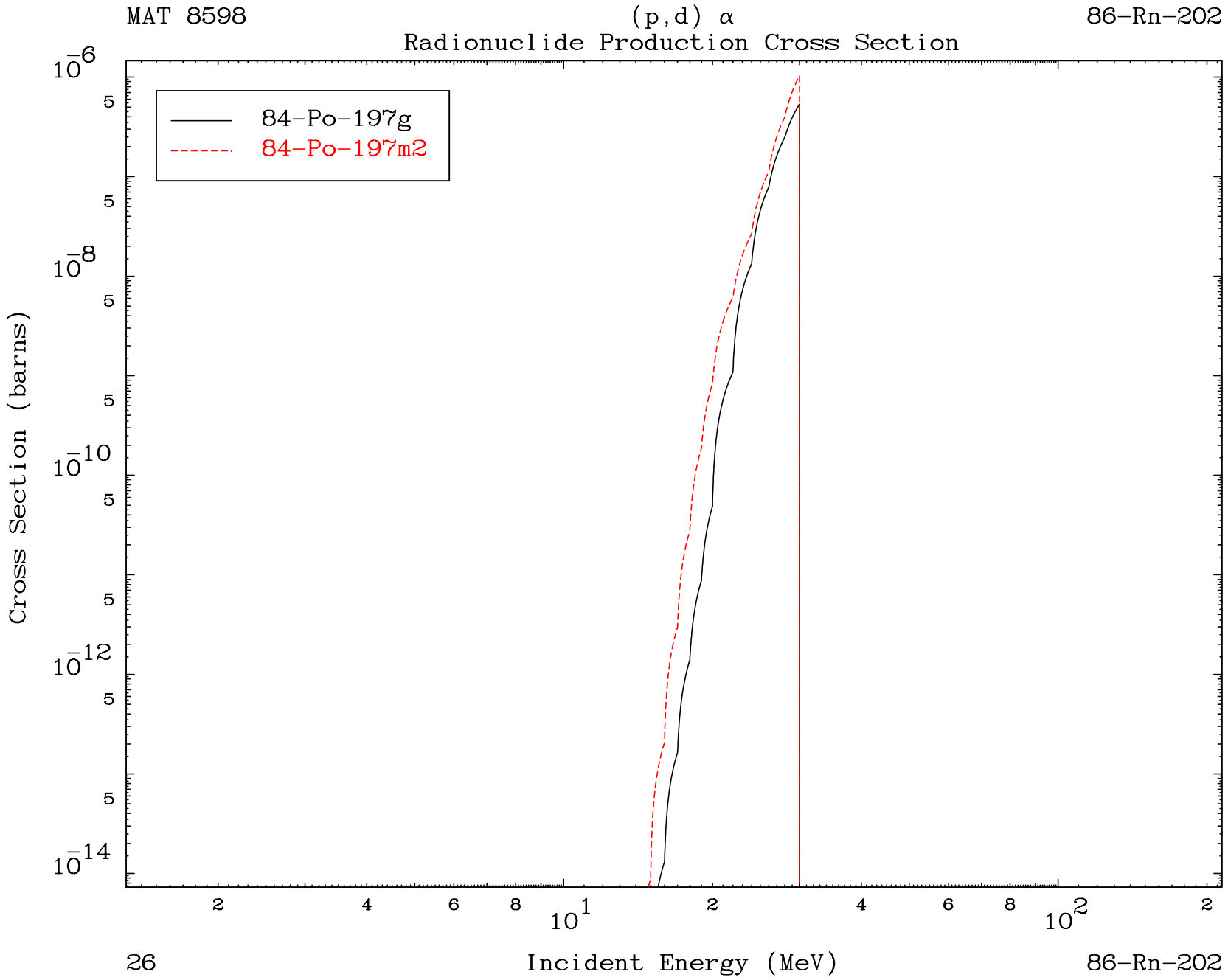

MAT 8598
(p,d)
86-Rn-202
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
21
86-Rn-202


MAT 8598
(p,He-3)
86-Rn-202
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
22
86-Rn-202


MAT 8598
(p,2α)
86-Rn-202
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
23
86-Rn-202


MAT 8598
(p,3α)
86-Rn-202
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
24
Incident Energy (MeV)
86-Rn-202


MAT 8598
(p,p) d
86-Rn-202
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
25
86-Rn-202


MAT 8598
(p,d) α
86-Rn-202
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
26
86-Rn-202