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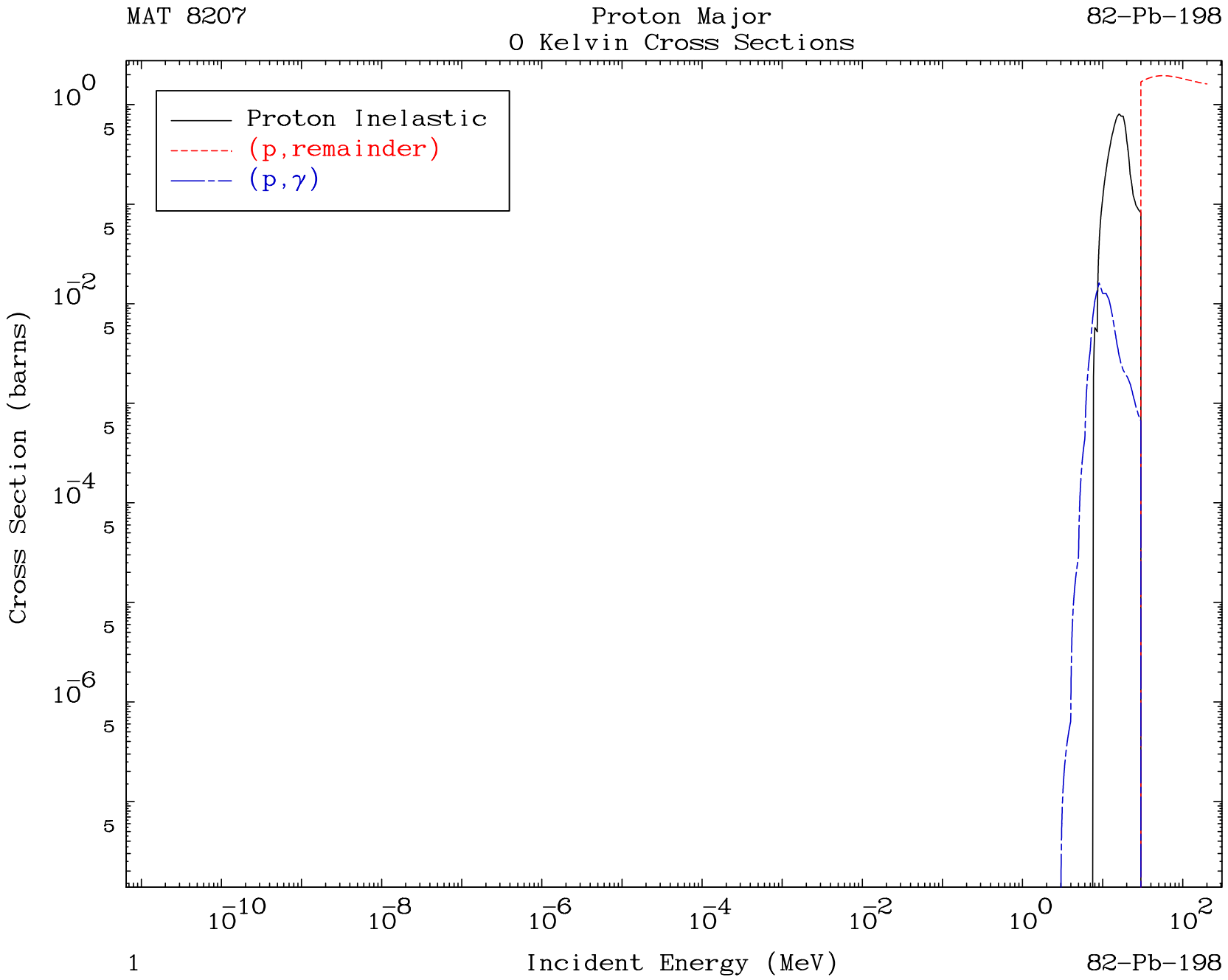
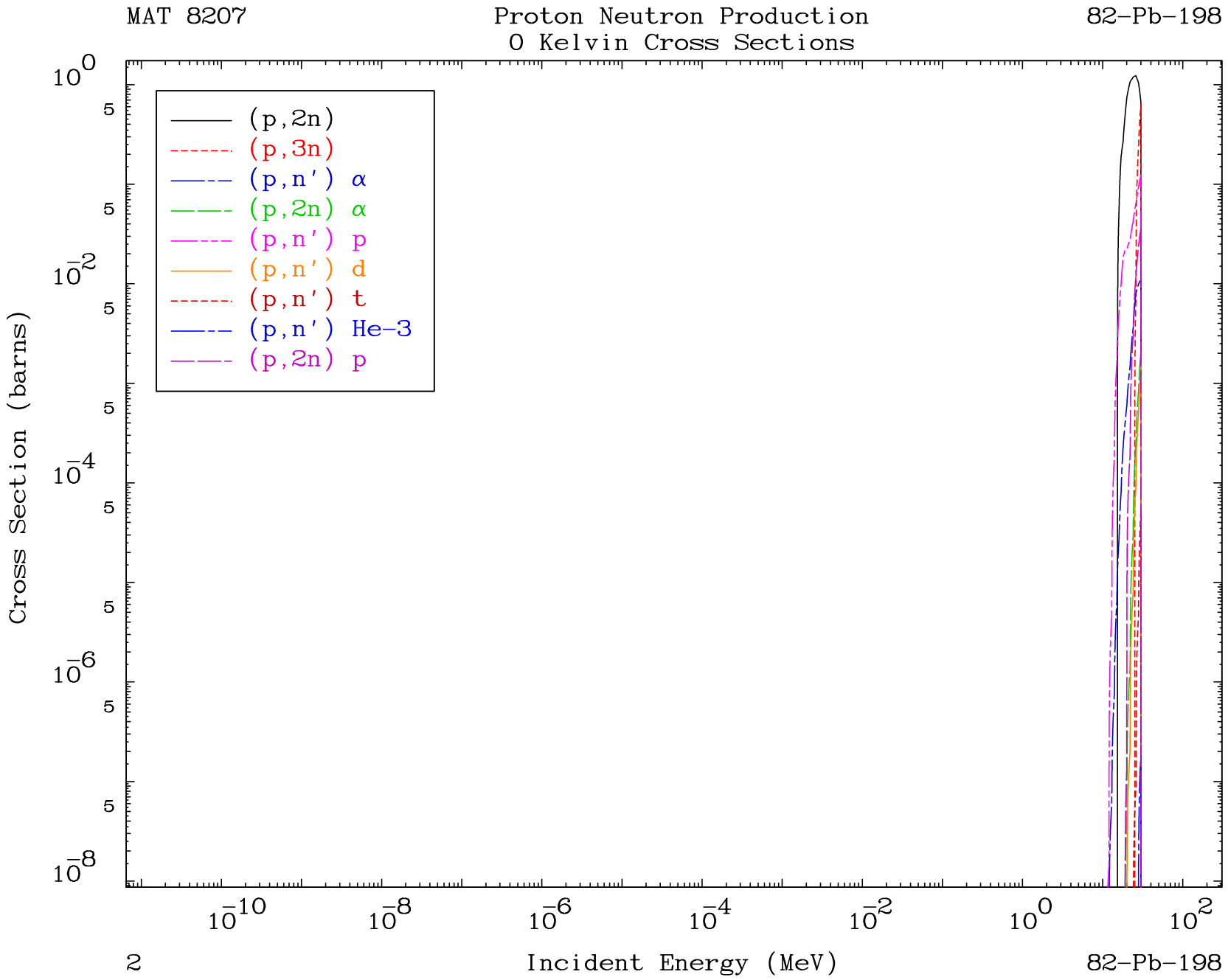
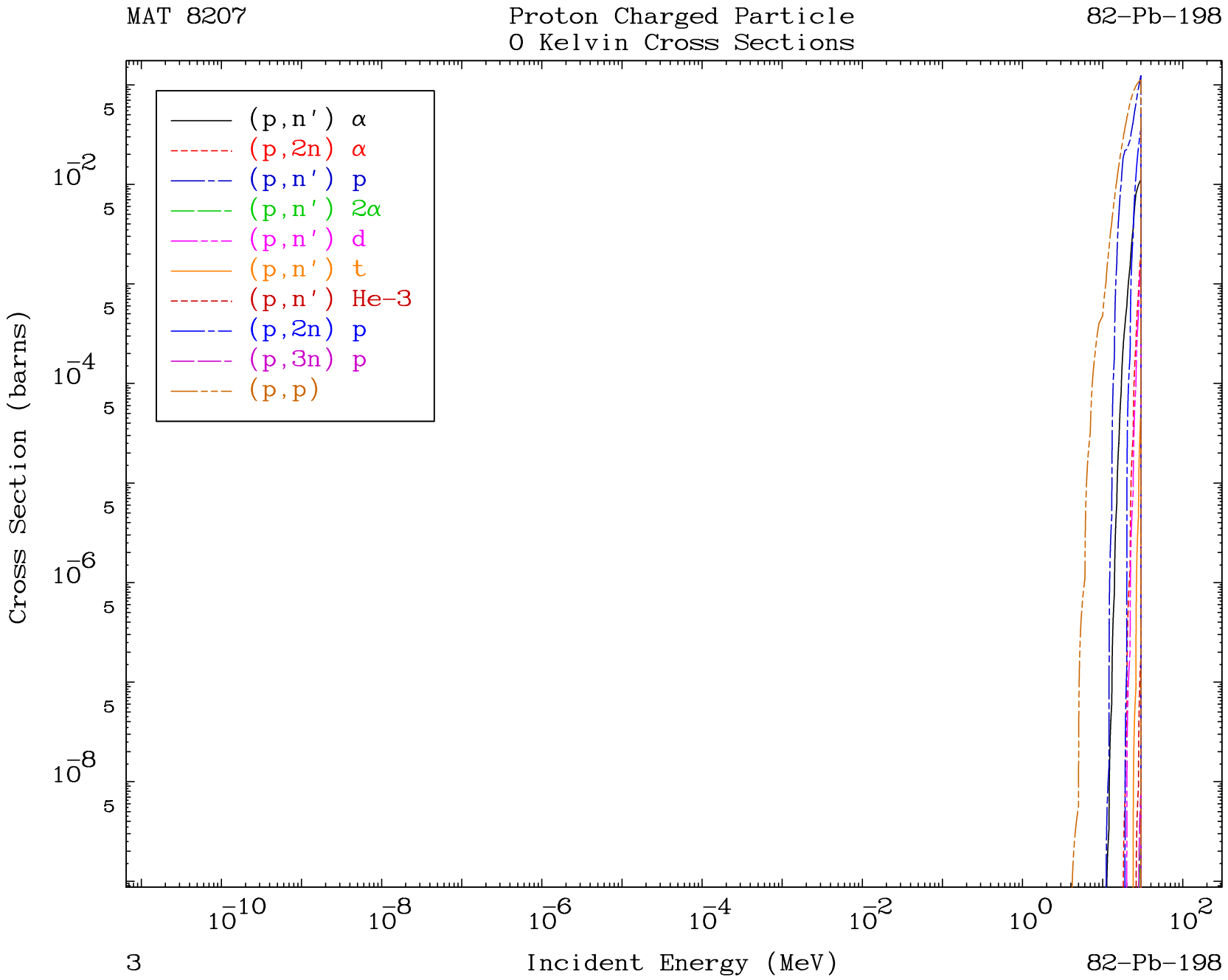
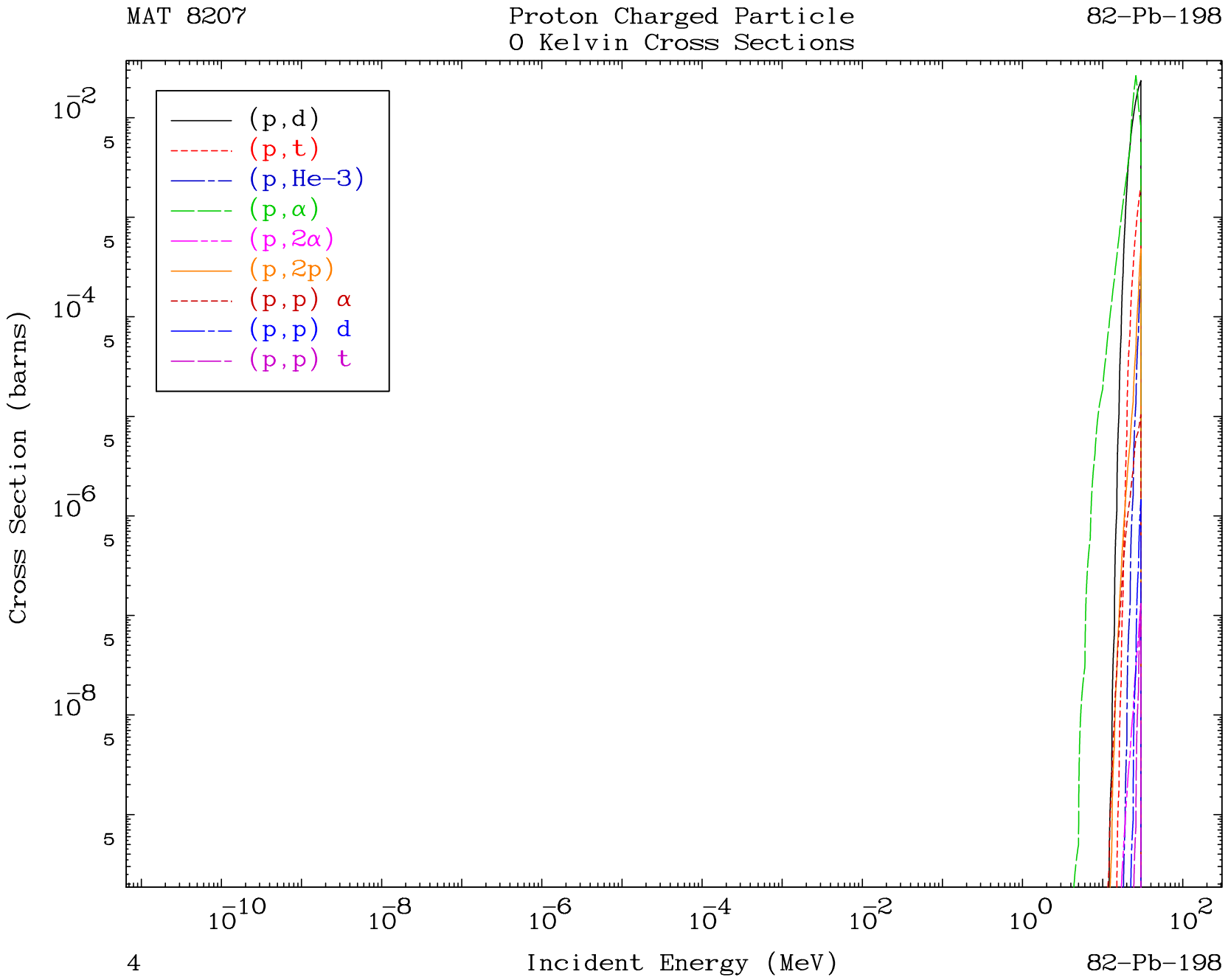
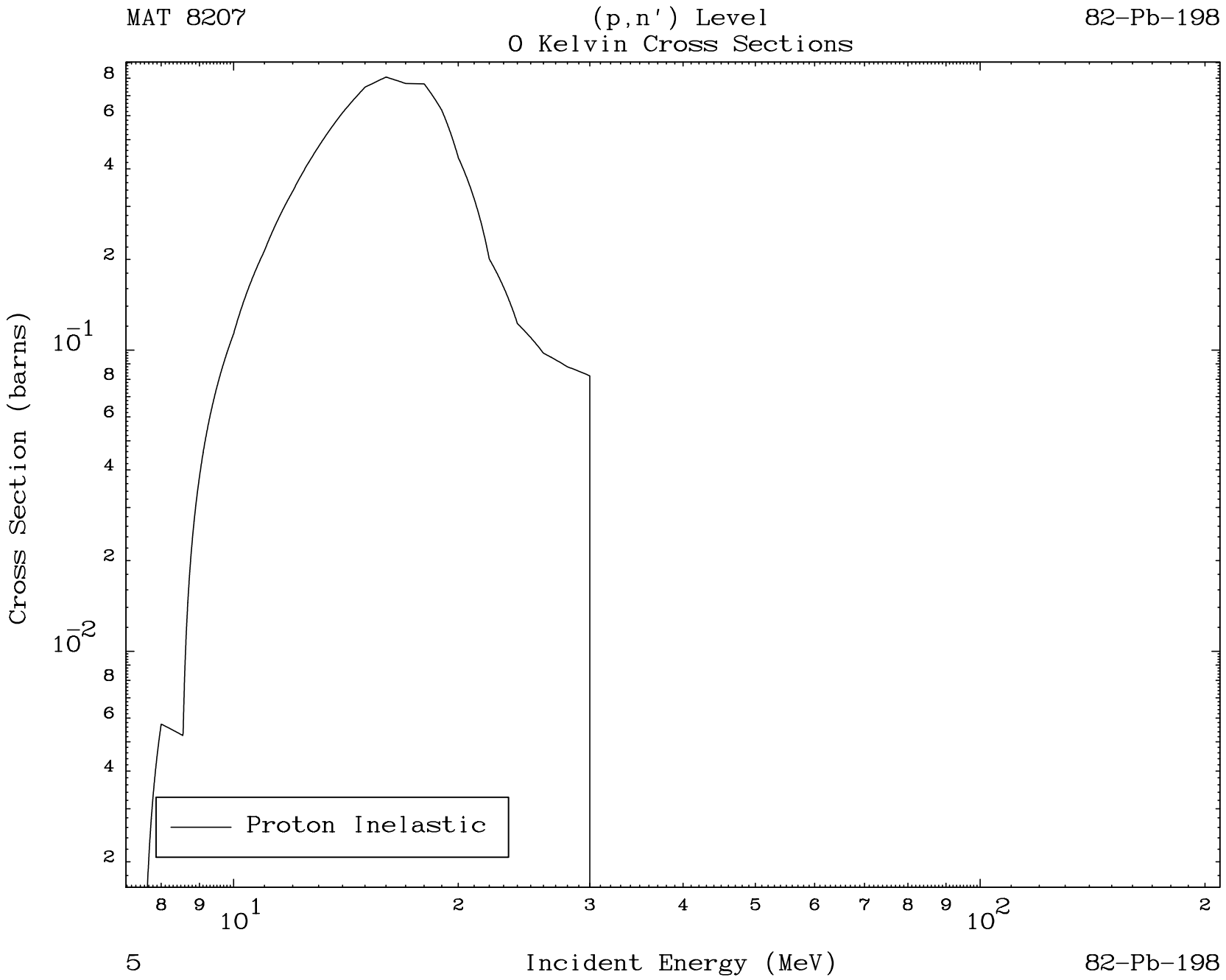
Press Mouse Button to Start

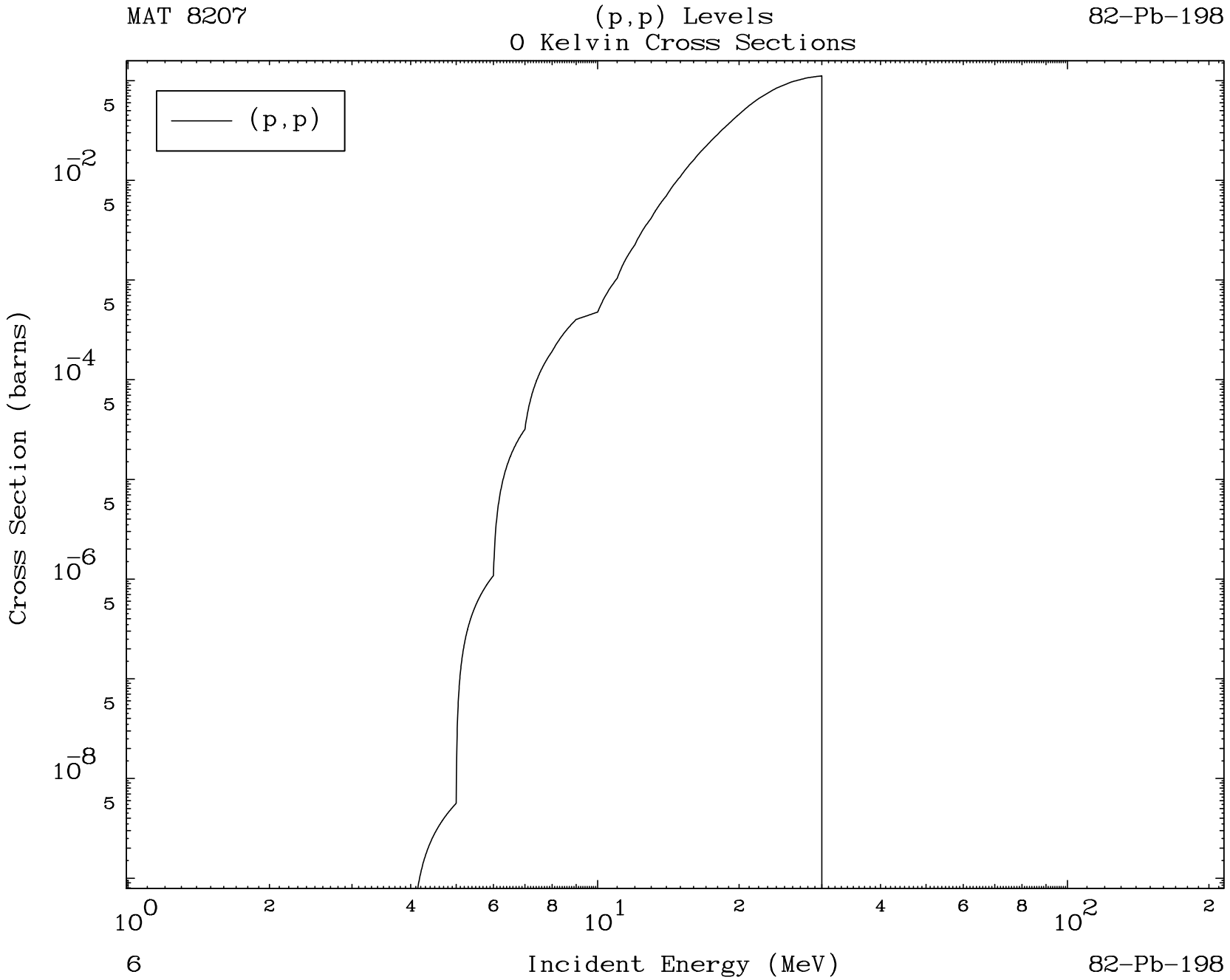

MAT 8207
Proton Major
82-Pb-198
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-198
1

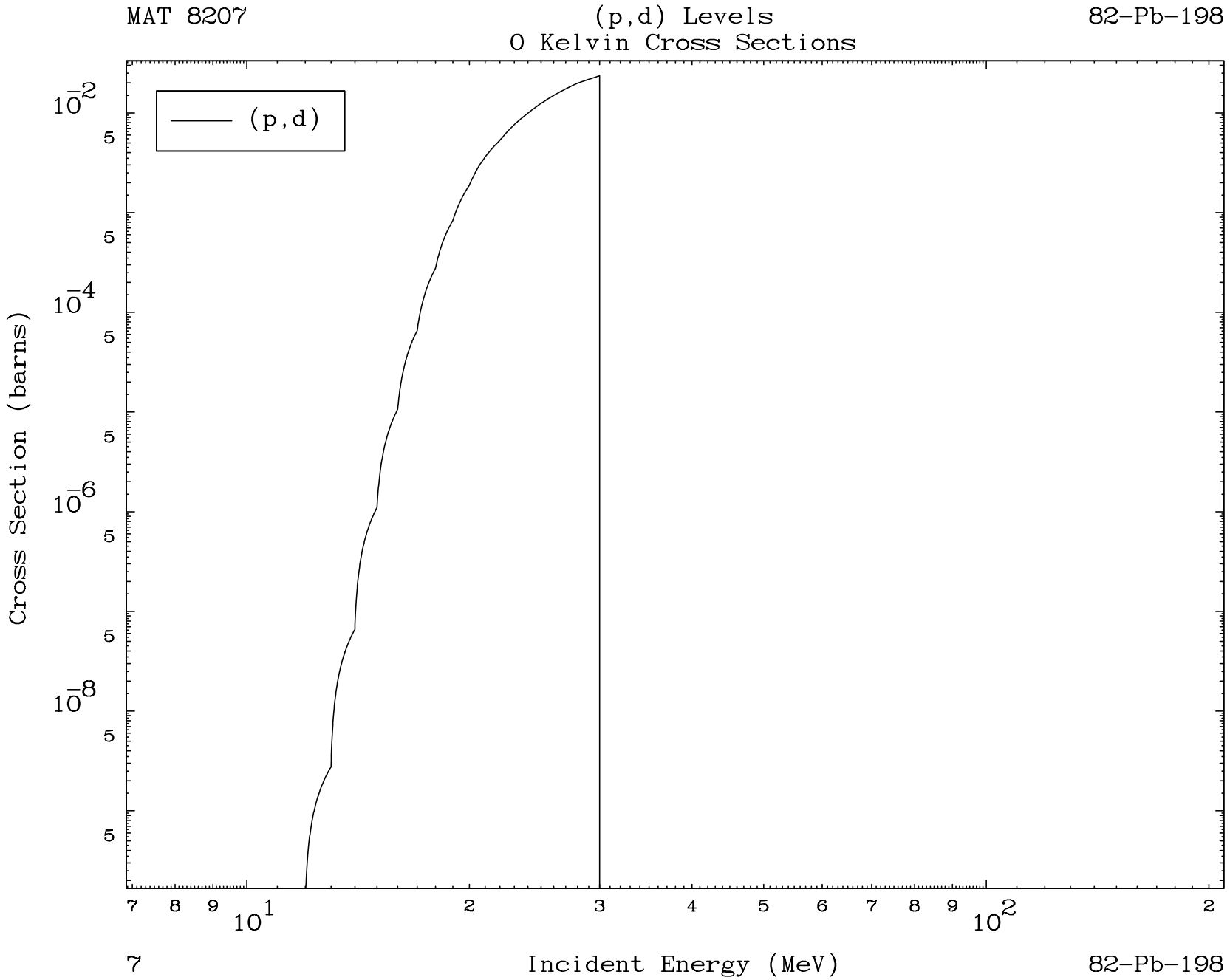

MAT 8207
Proton Neutron Production
0 Kelvin Cross Sections
82-Pb-198
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
82-Pb-198
2

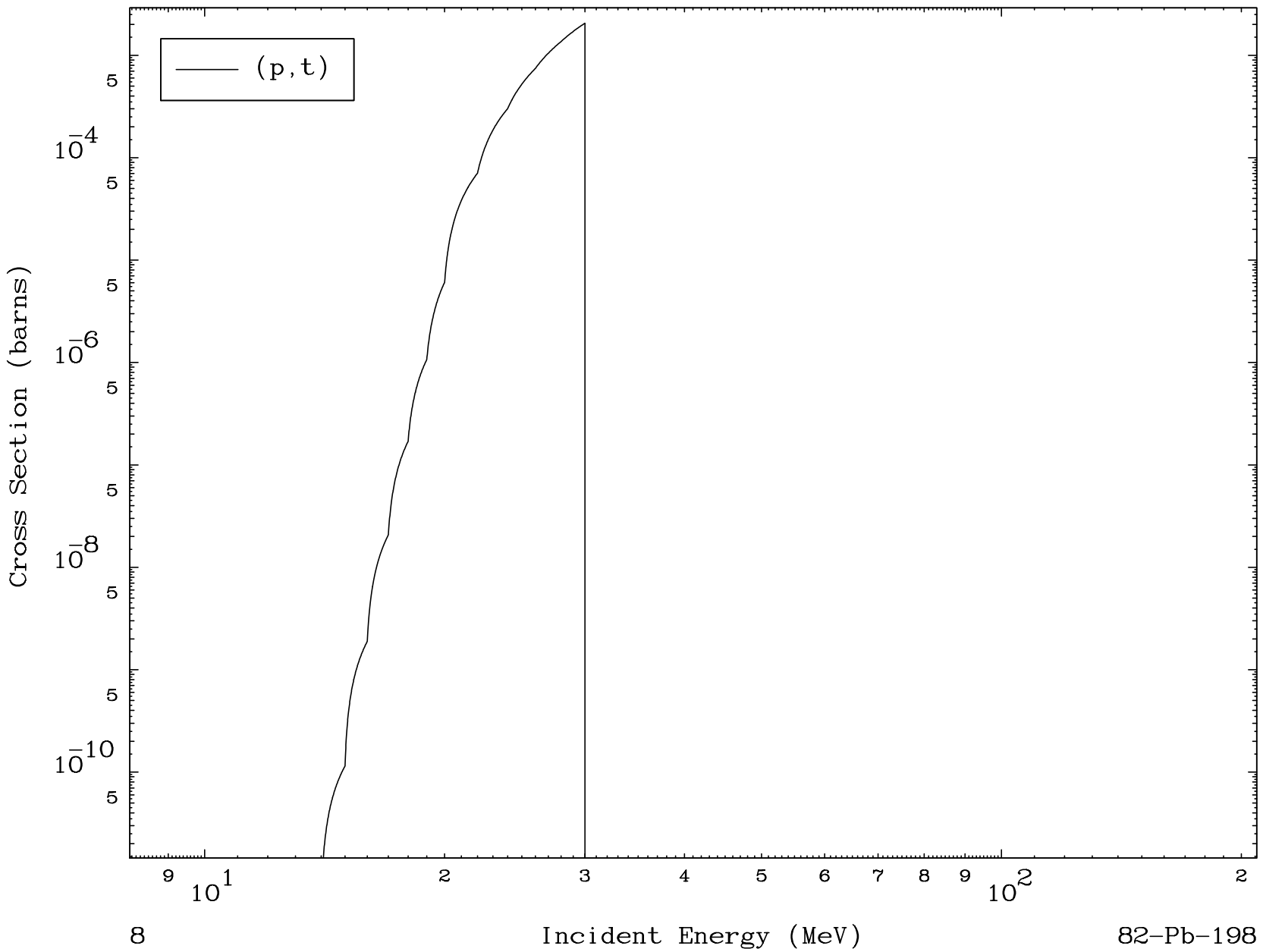

MAT 8207
Proton Charged Particle
0 Kelvin Cross Sections
82-Pb-198
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
3
82-Pb-198

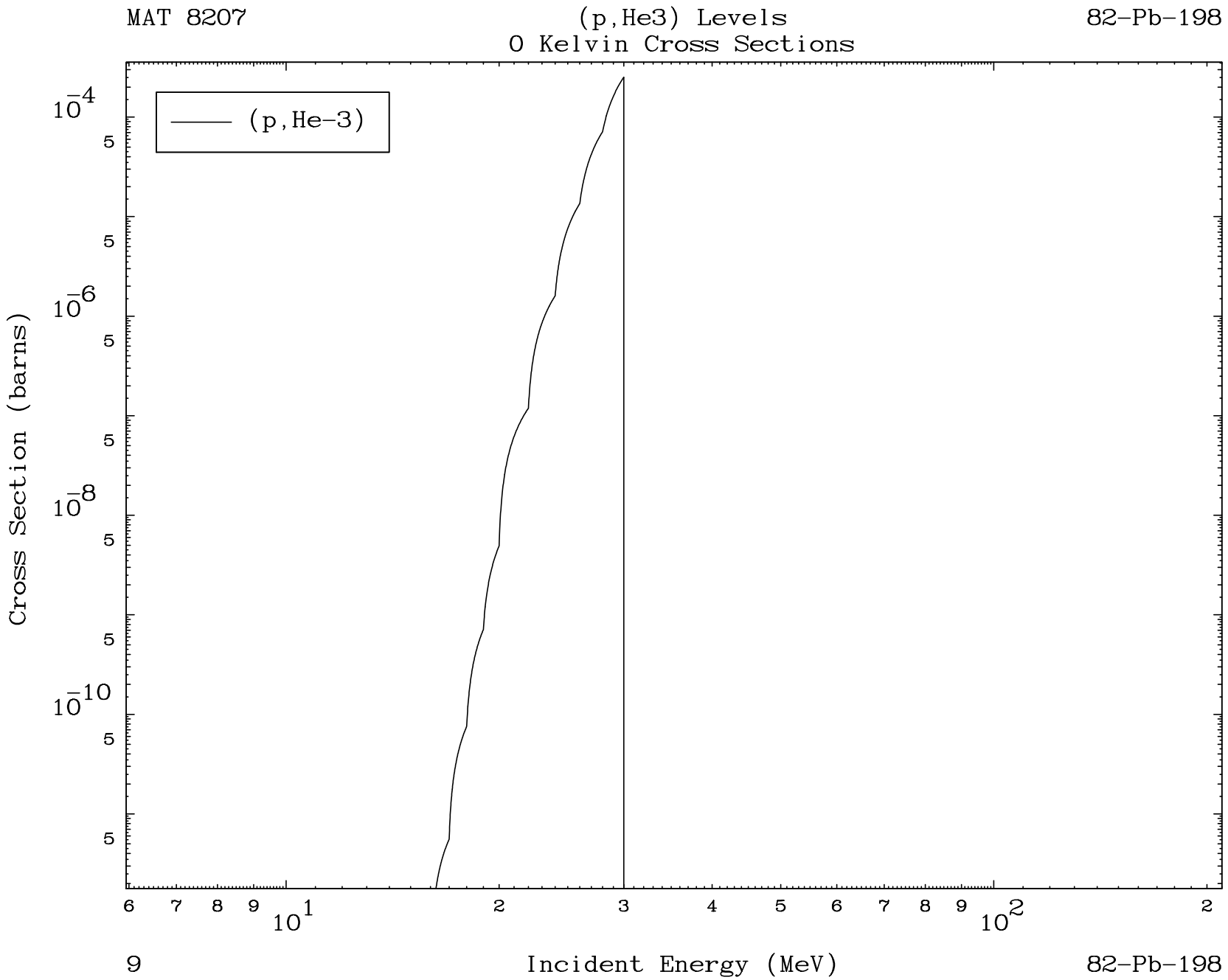

MAT 8207
Proton Charged Particle
0 Kelvin Cross Sections
82-Pb-198
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
82-Pb-198

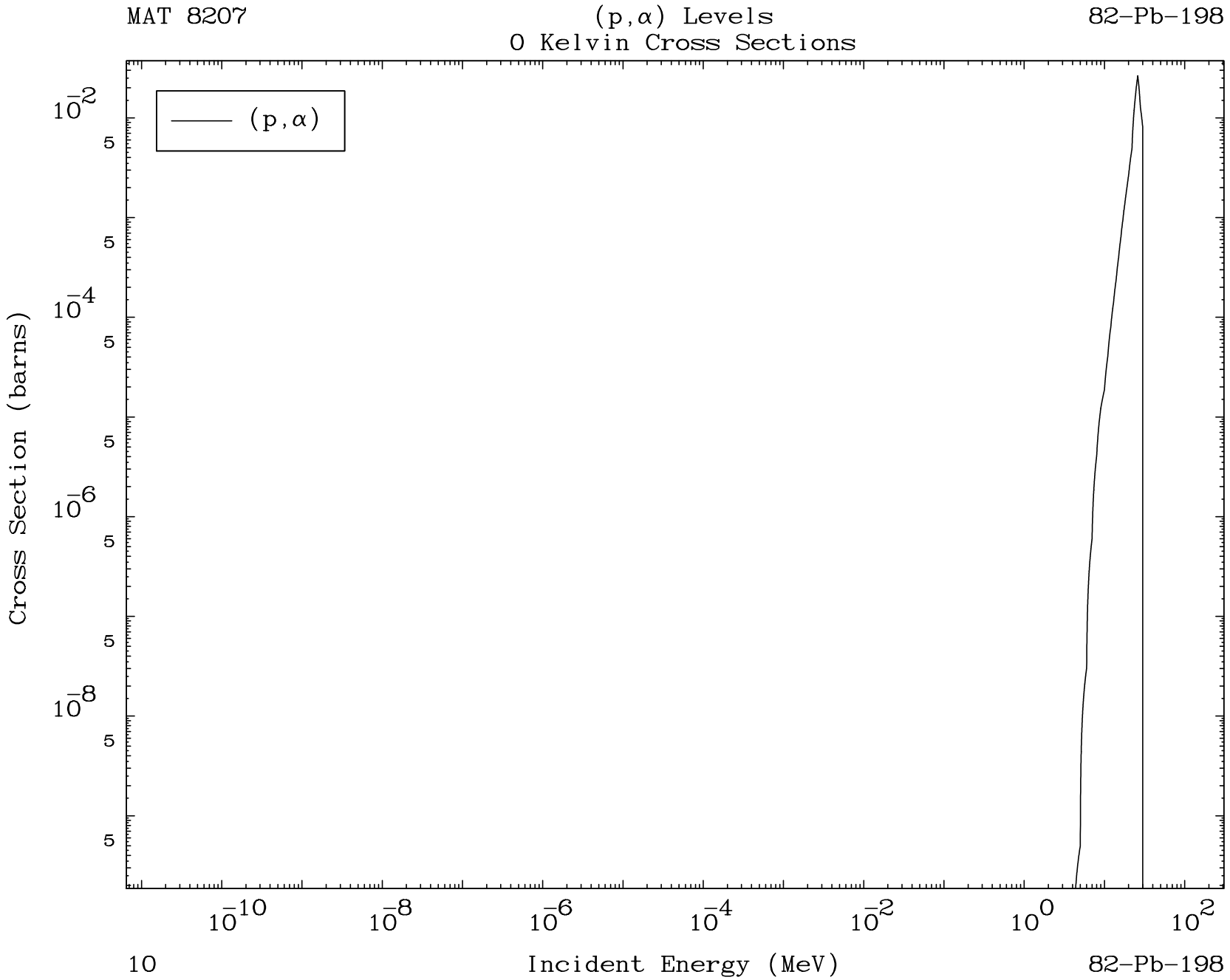

MAT 8207
(p,n') Level
82-Pb-198
0 Kelvin Cross Sections
Cross Section (barns)
Proton Inelastic
Incident Energy (MeV)
82-Pb-198
5

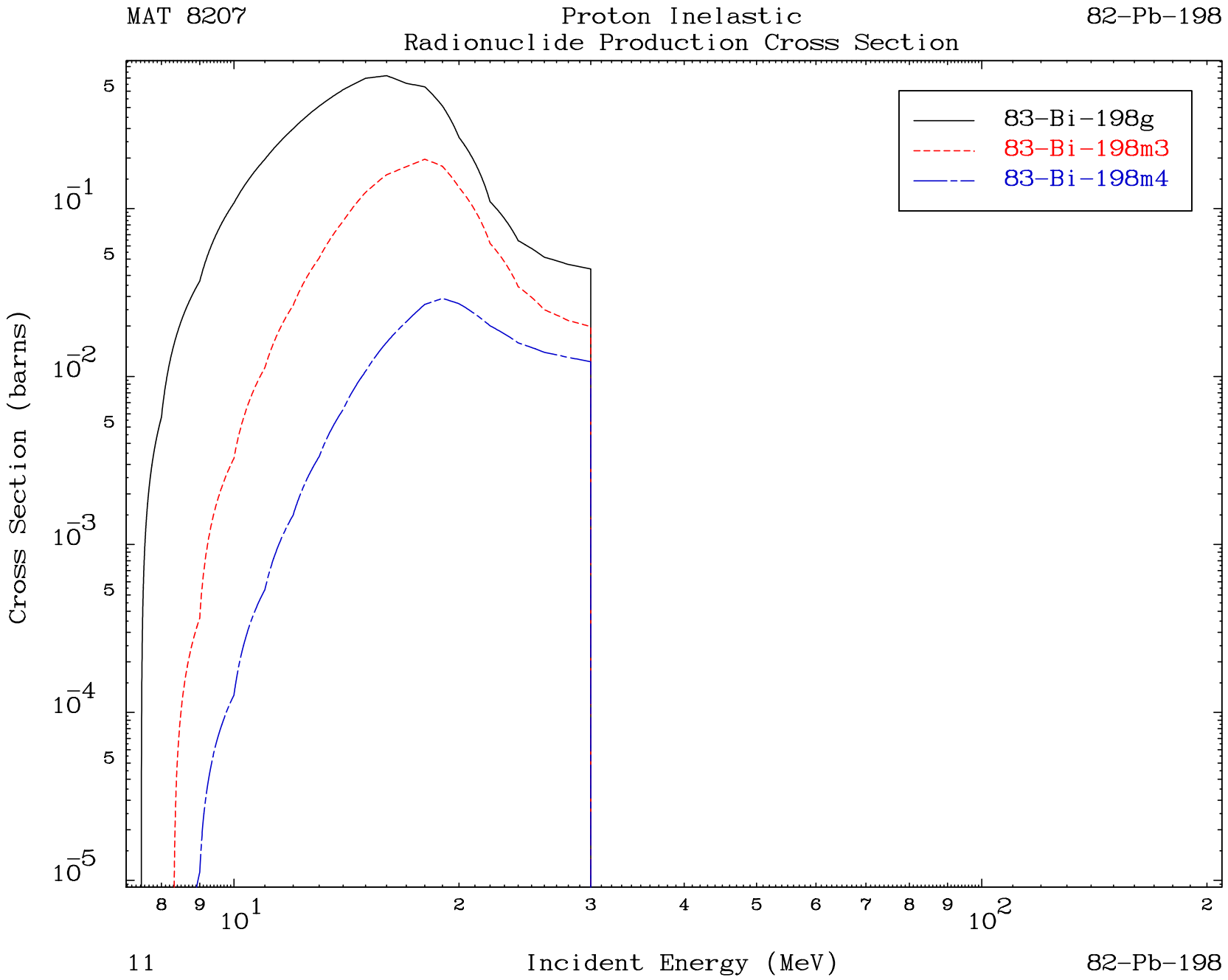

MAT 8207
(p,p) Levels
82-Pb-198
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-198
6

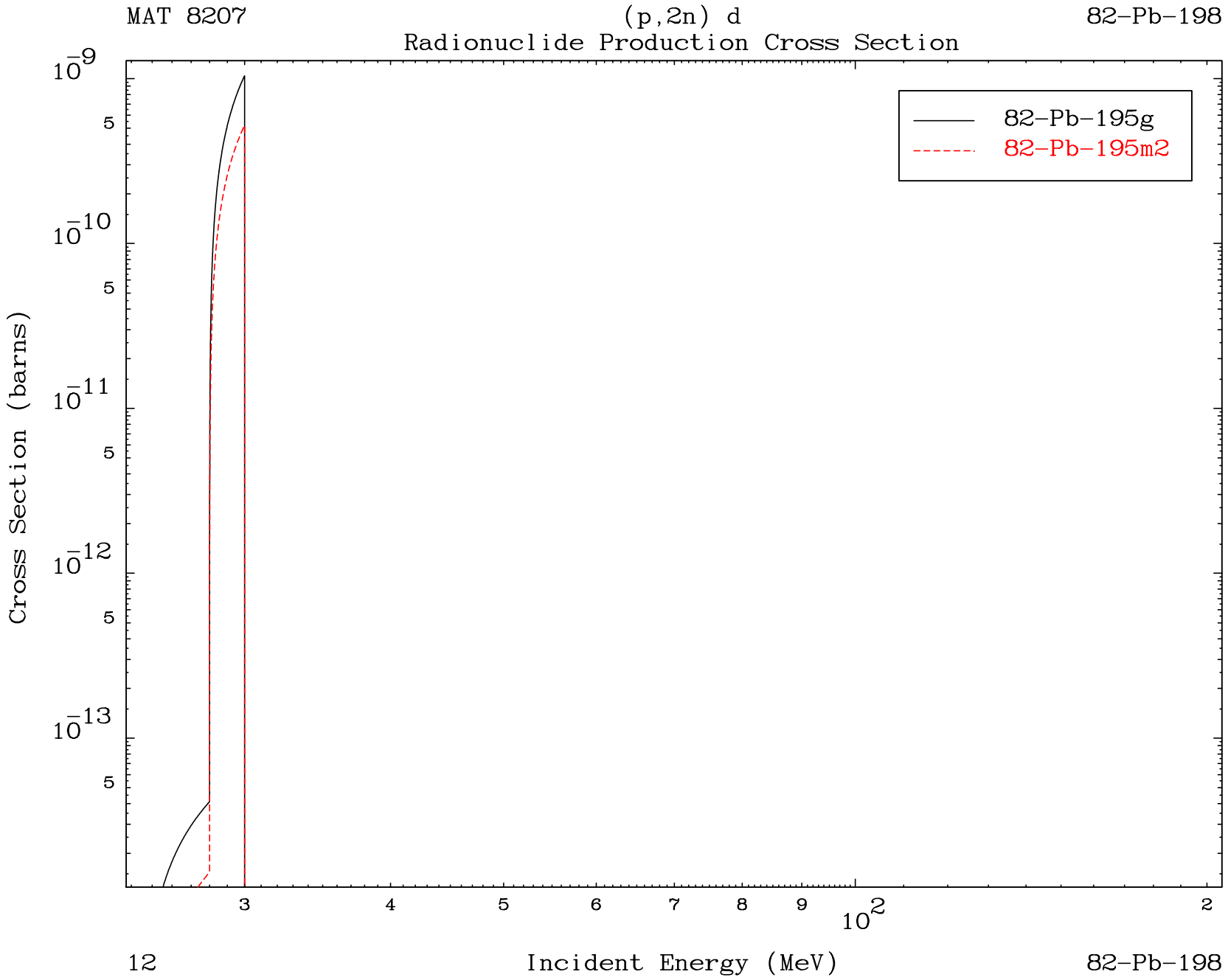

MAT 8207
(p,d) Levels
82-Pb-198
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
7
Incident Energy (MeV)
82-Pb-198

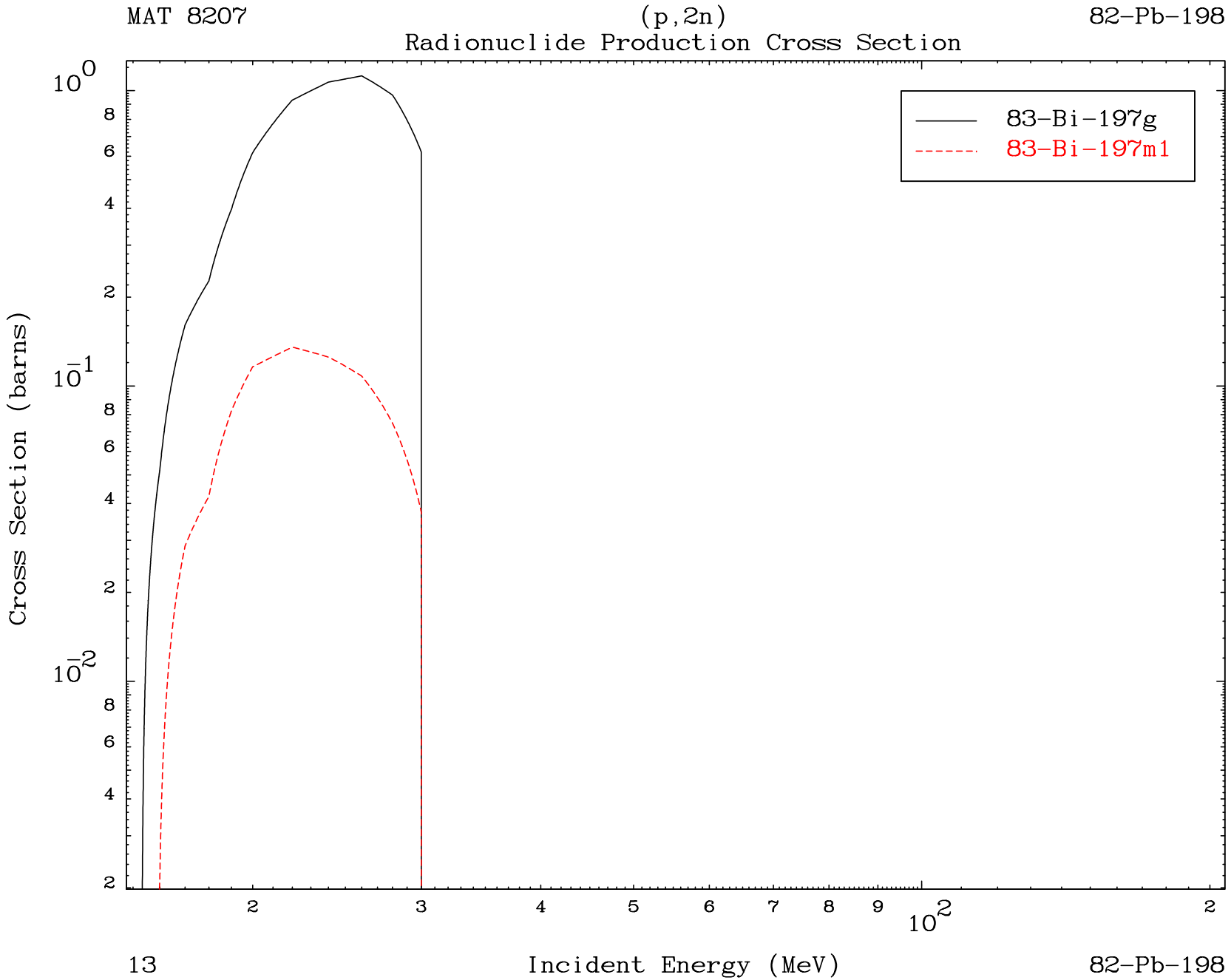

0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

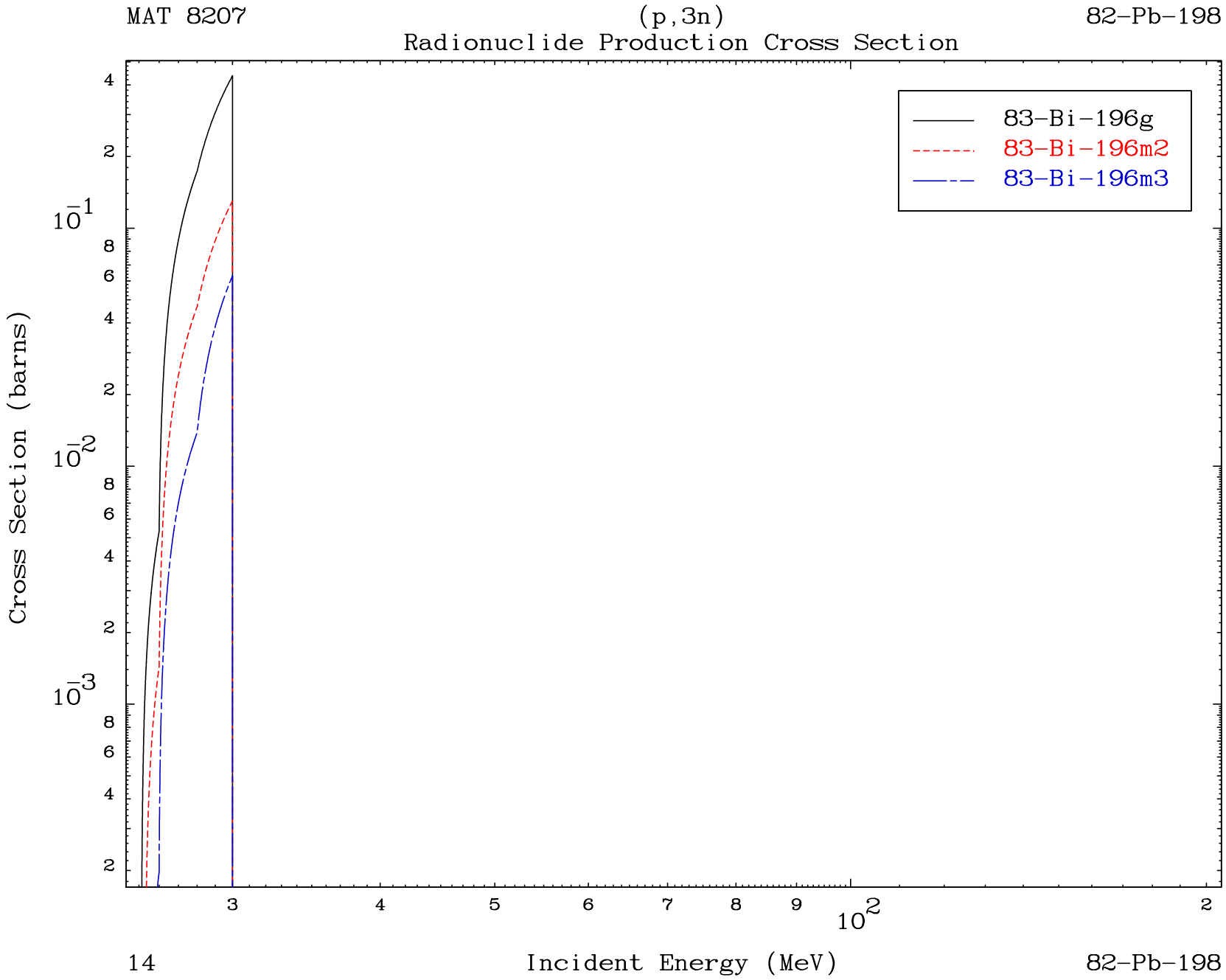

MAT 8207
(p,He3) Levels
82-Pb-198
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
9
82-Pb-198

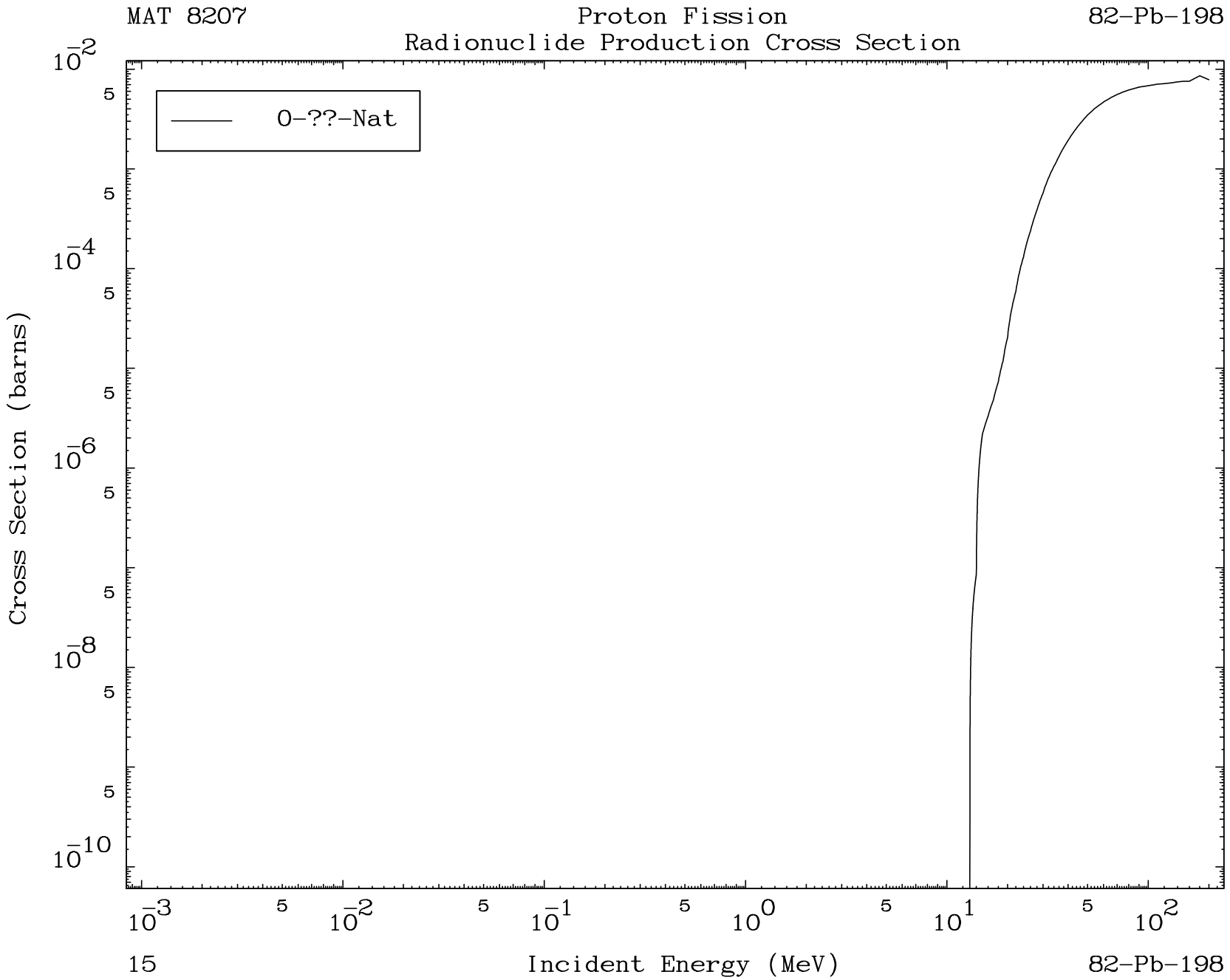

MAT 8207
(p,α) Levels
82-Pb-198
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-198
10

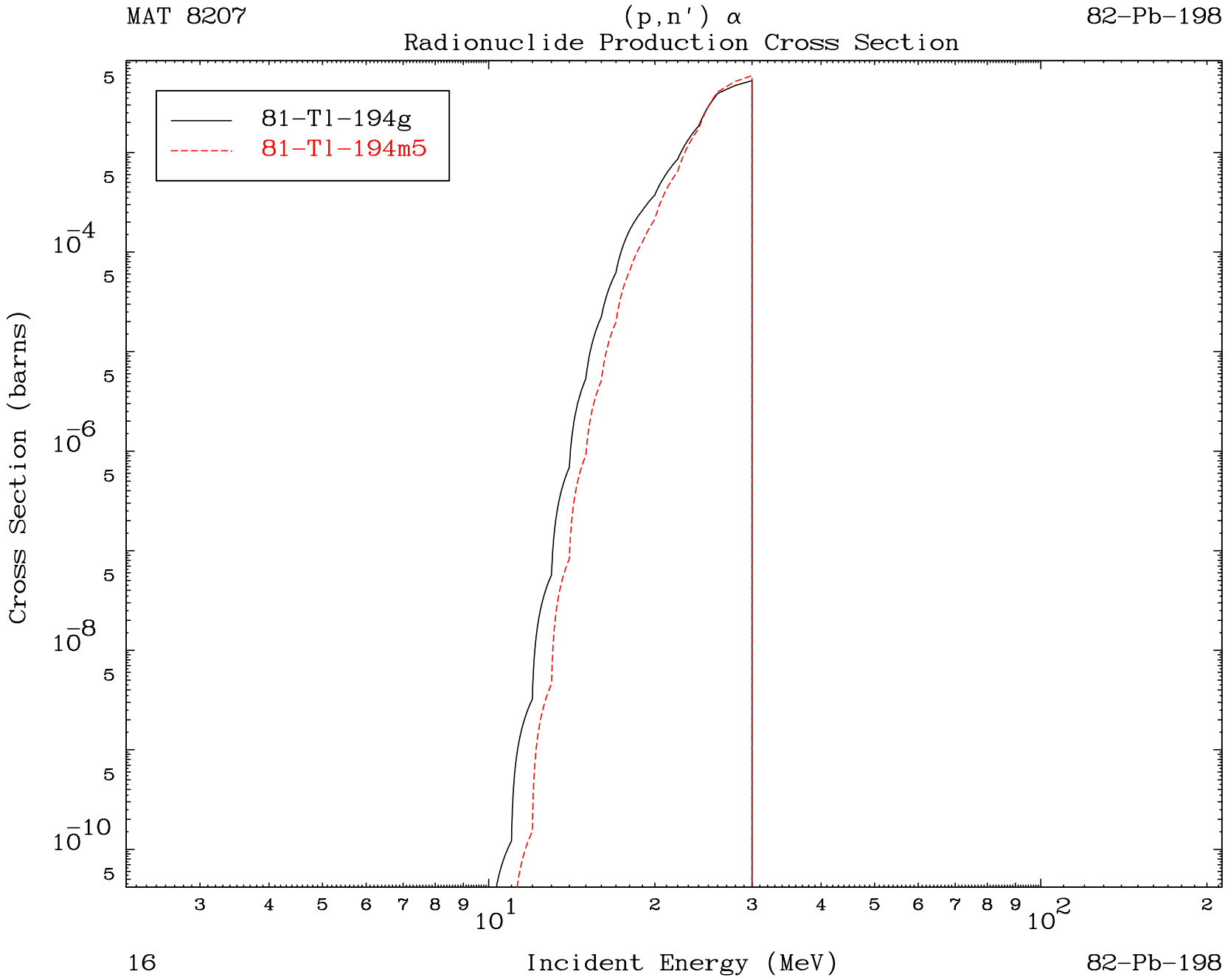

MAT 8207
Proton Inelastic
82-Pb-198
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
82-Pb-198
11

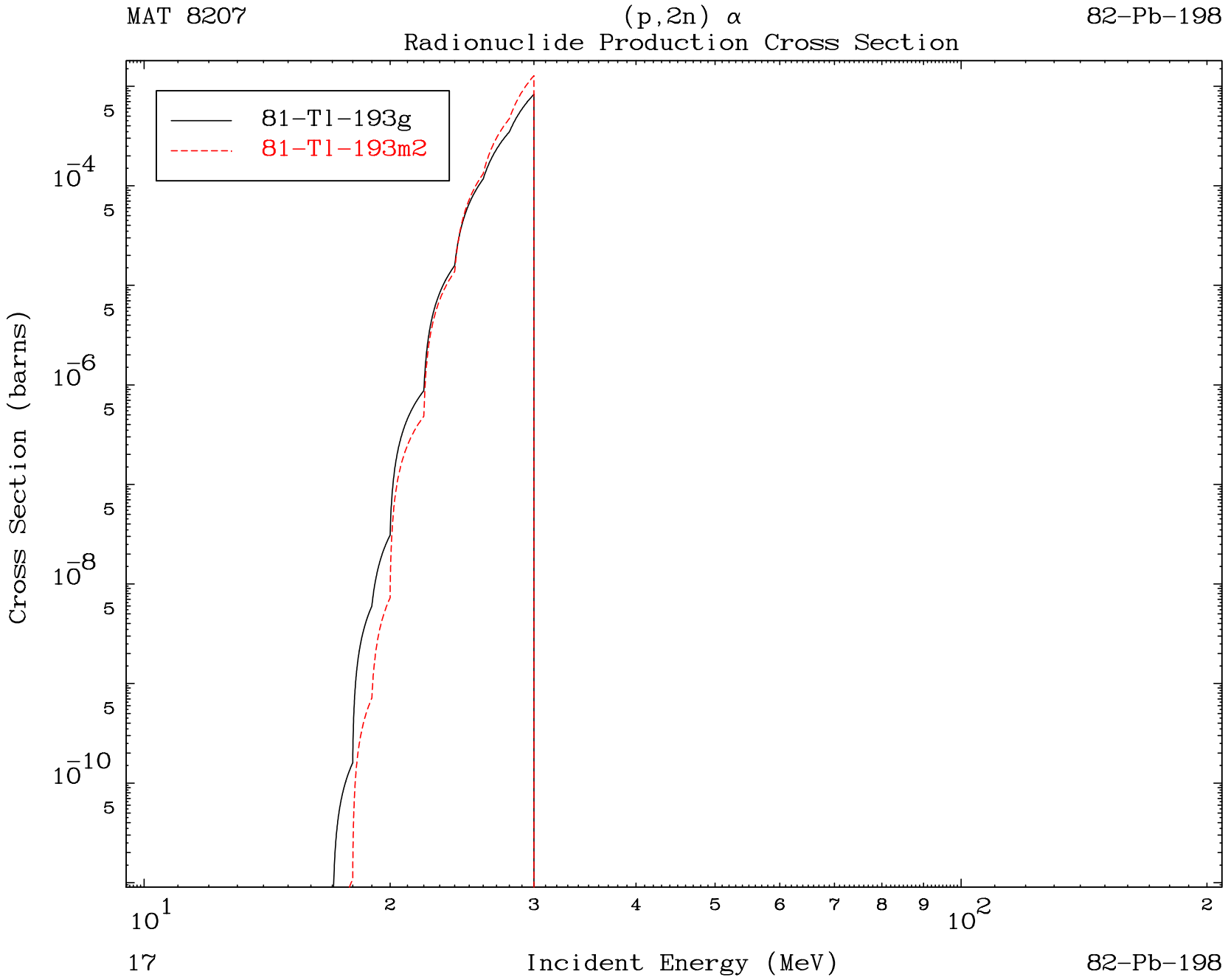

MAT 8207
(p,2n) d
82-Pb-198
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
10-9
10-10
10-11
10-12
10-13
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
82-Pb-198

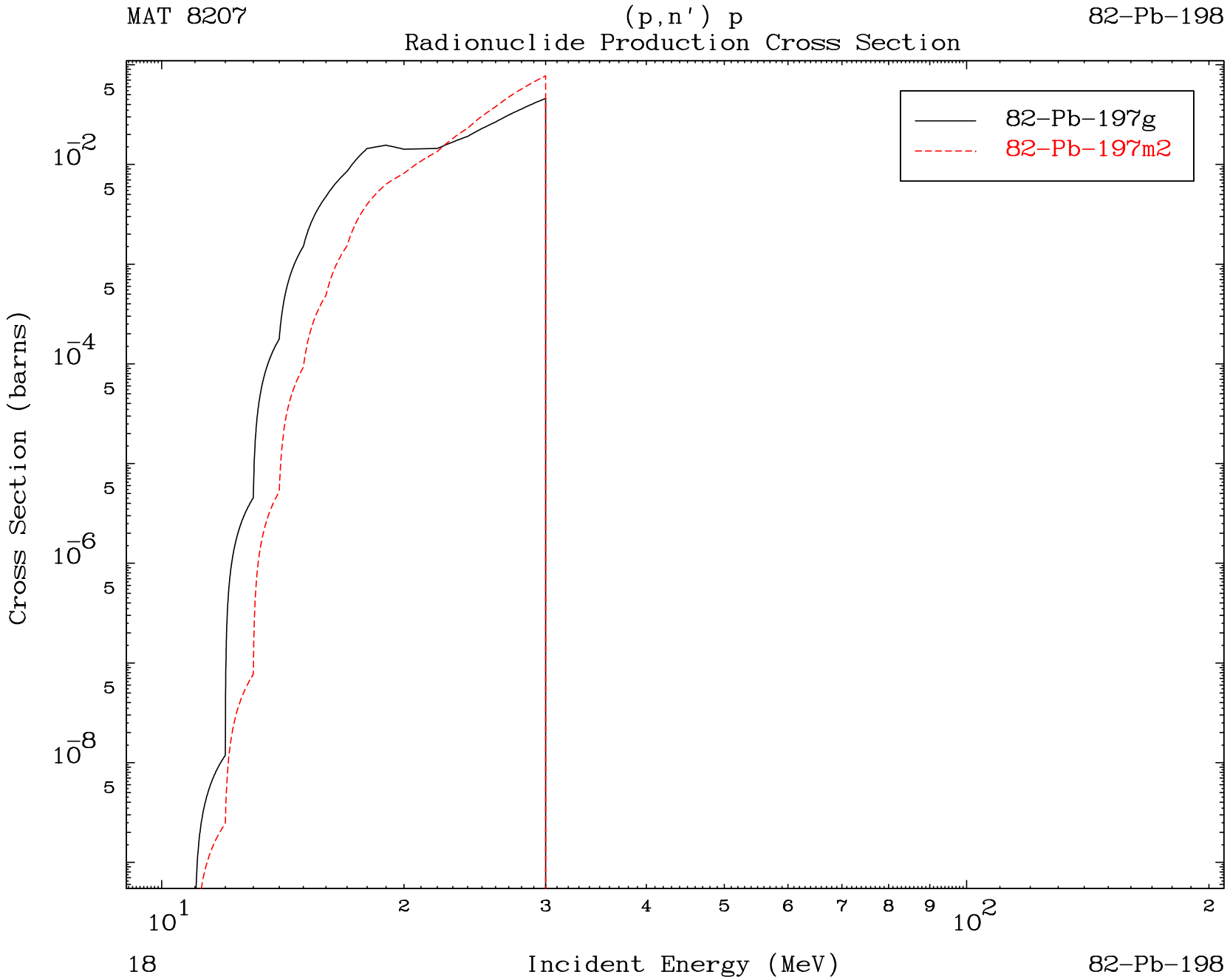

MAT 8207
(p,2n)
82-Pb-198
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
13
82-Pb-198

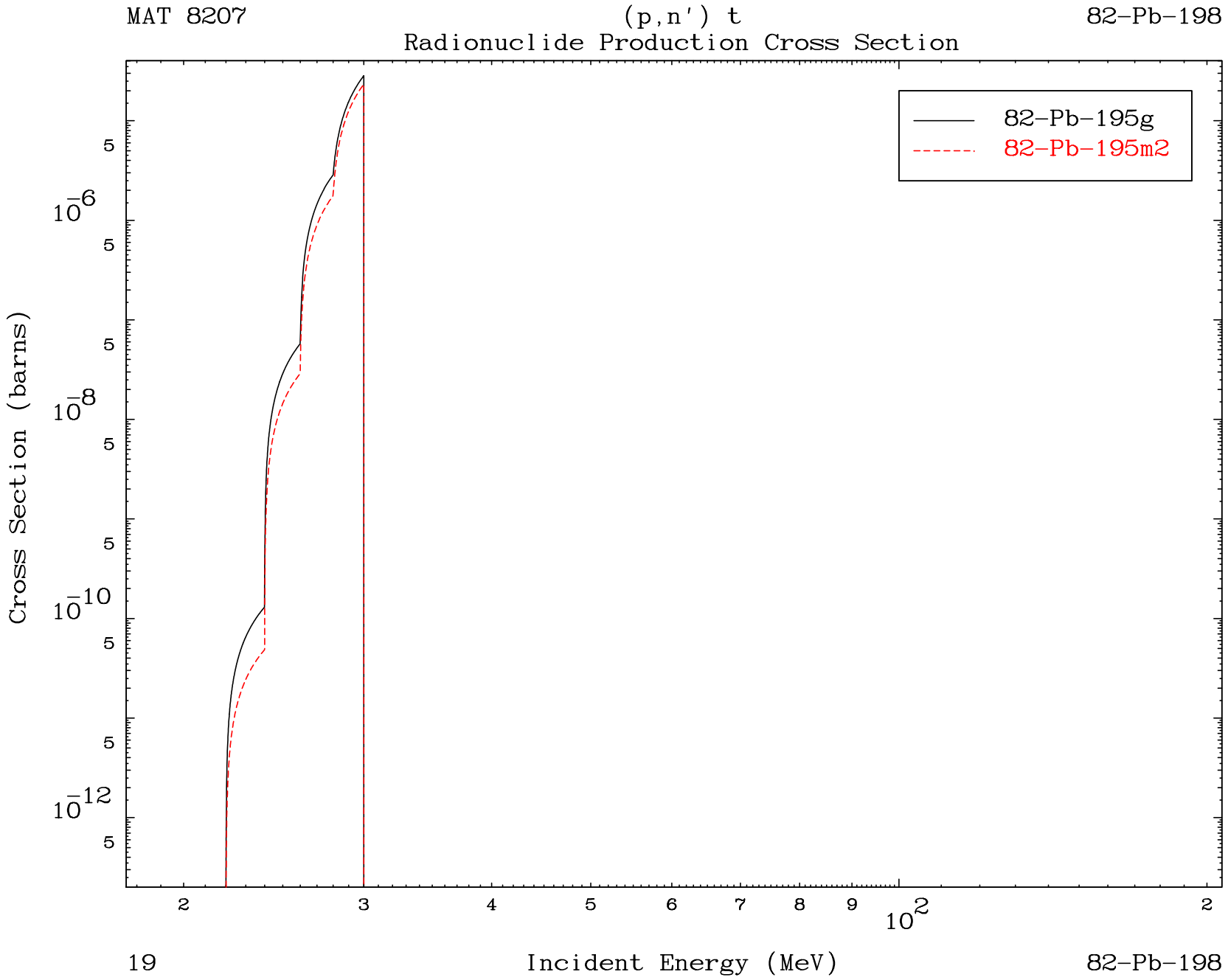

MAT 8207
(p,3n)
82-Pb-198
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
14
82-Pb-198

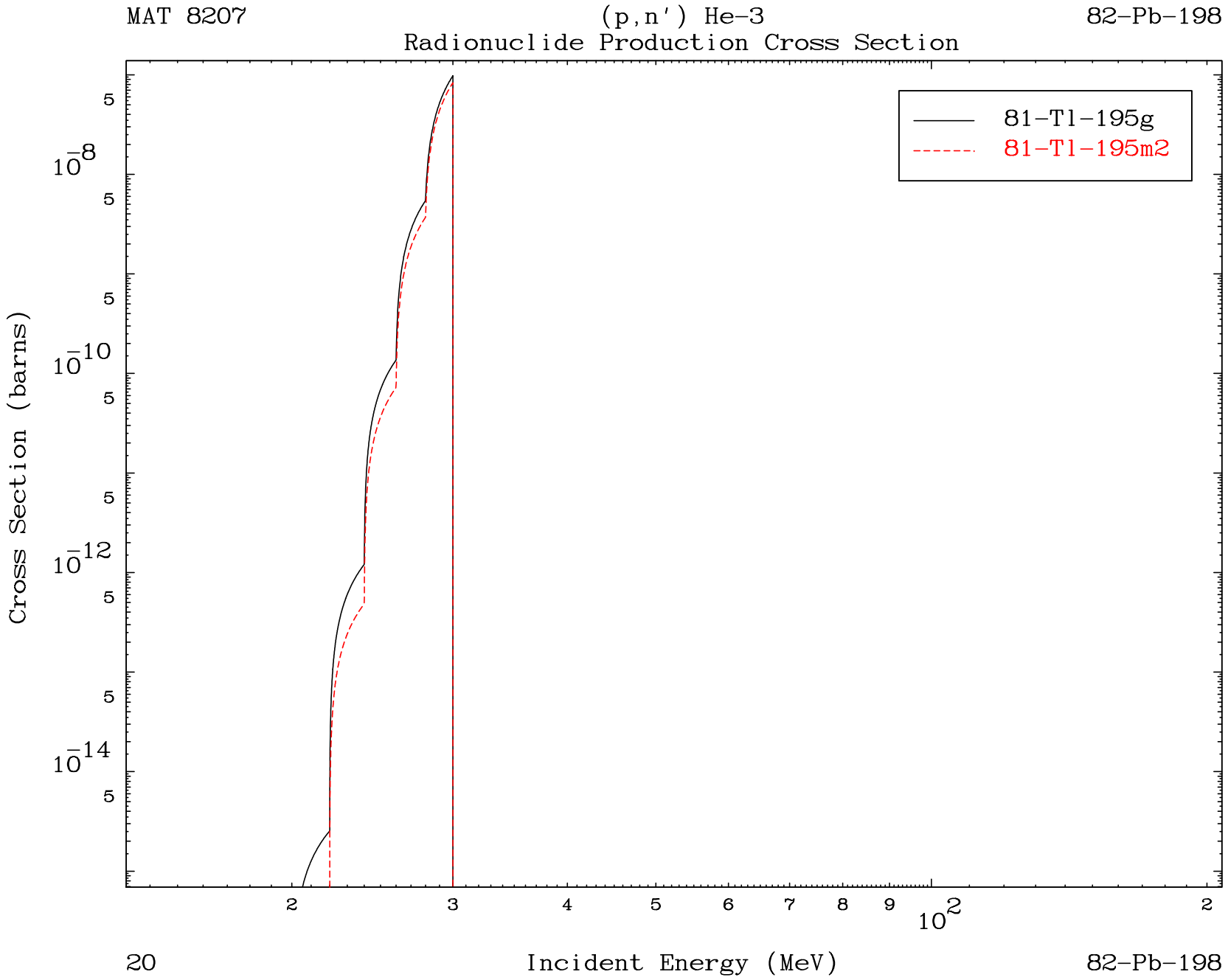

MAT 8207
Proton Fission
82-Pb-198
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
82-Pb-198
15

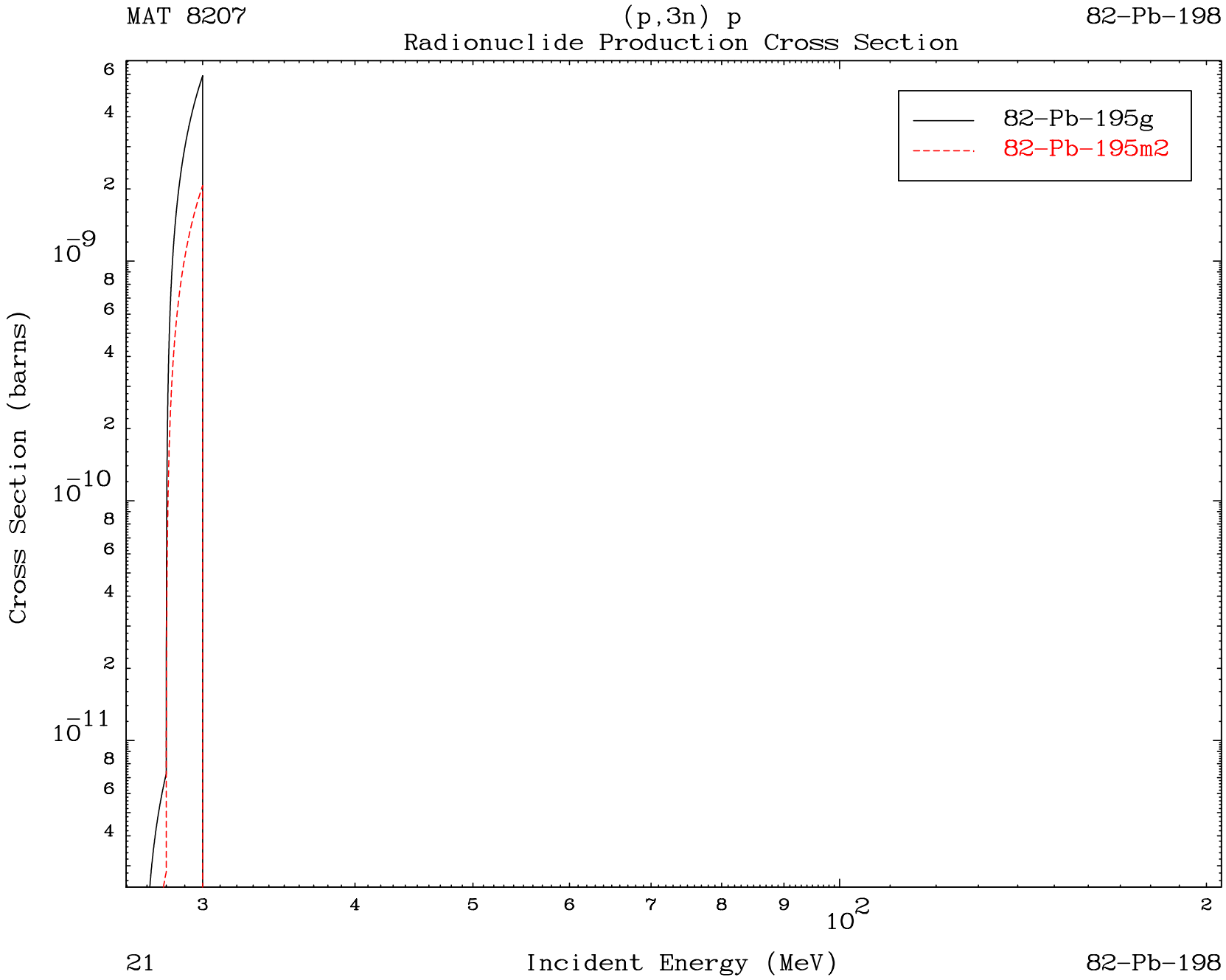

MAT 8207
(p,n') α
82-Pb-198
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m5
Cross Section (barns)
Incident Energy (MeV)
16
82-Pb-198

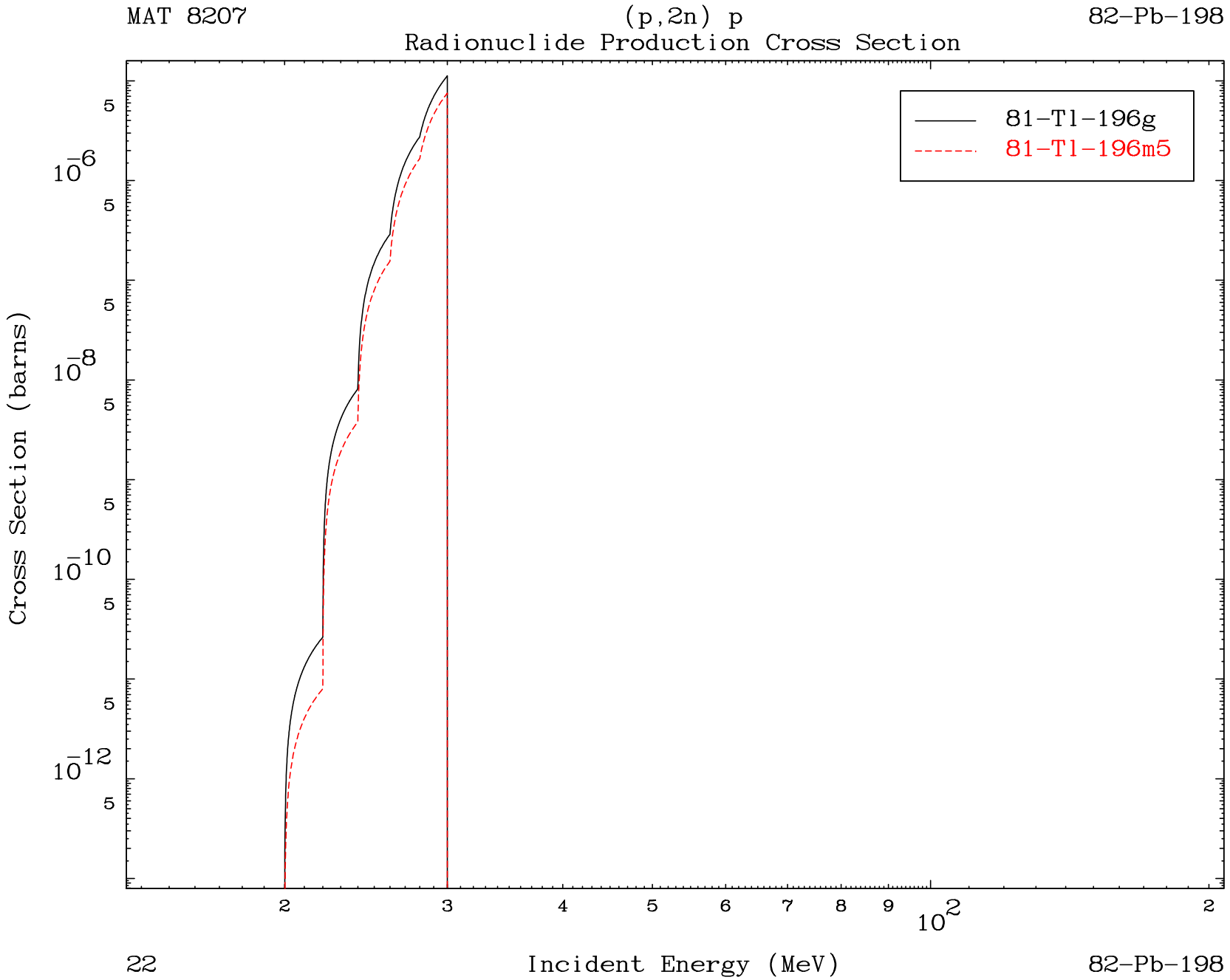

MAT 8207
(p,2n) α
82-Pb-198
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
17
82-Pb-198

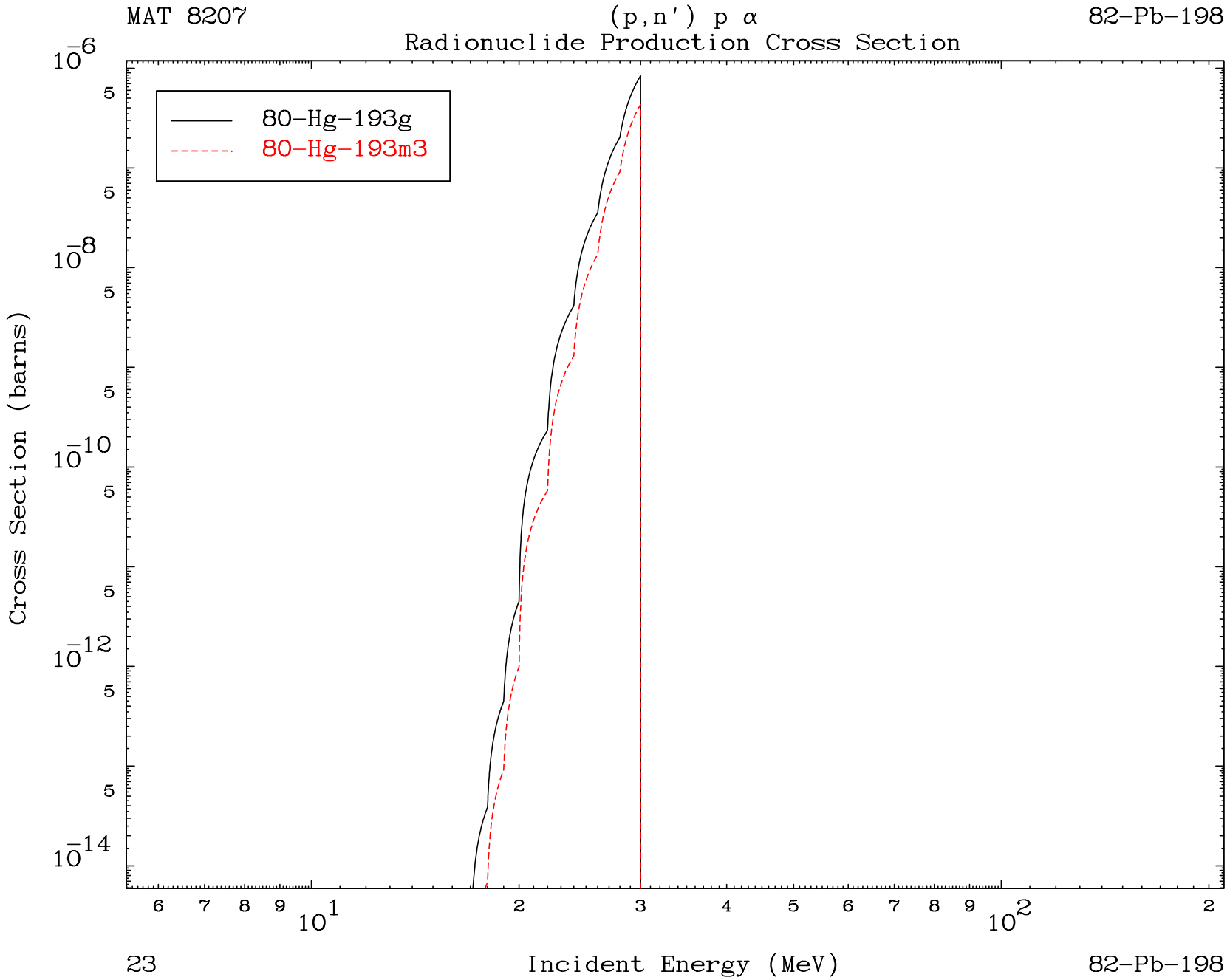

MAT 8207
(p,n') p
82-Pb-198
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
Incident Energy (MeV)
18
82-Pb-198

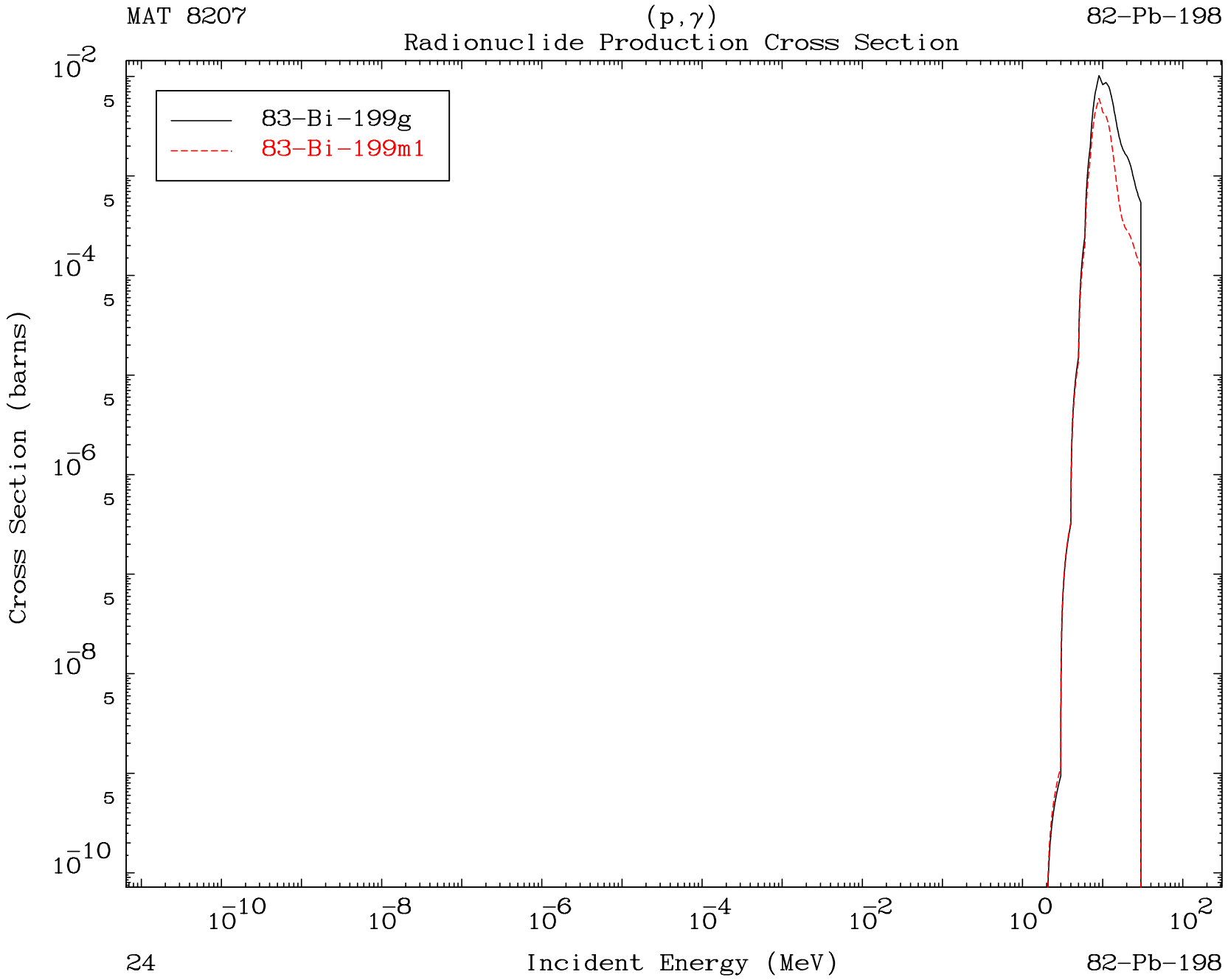

MAT 8207
(p,n') t
82-Pb-198
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
82-Pb-198

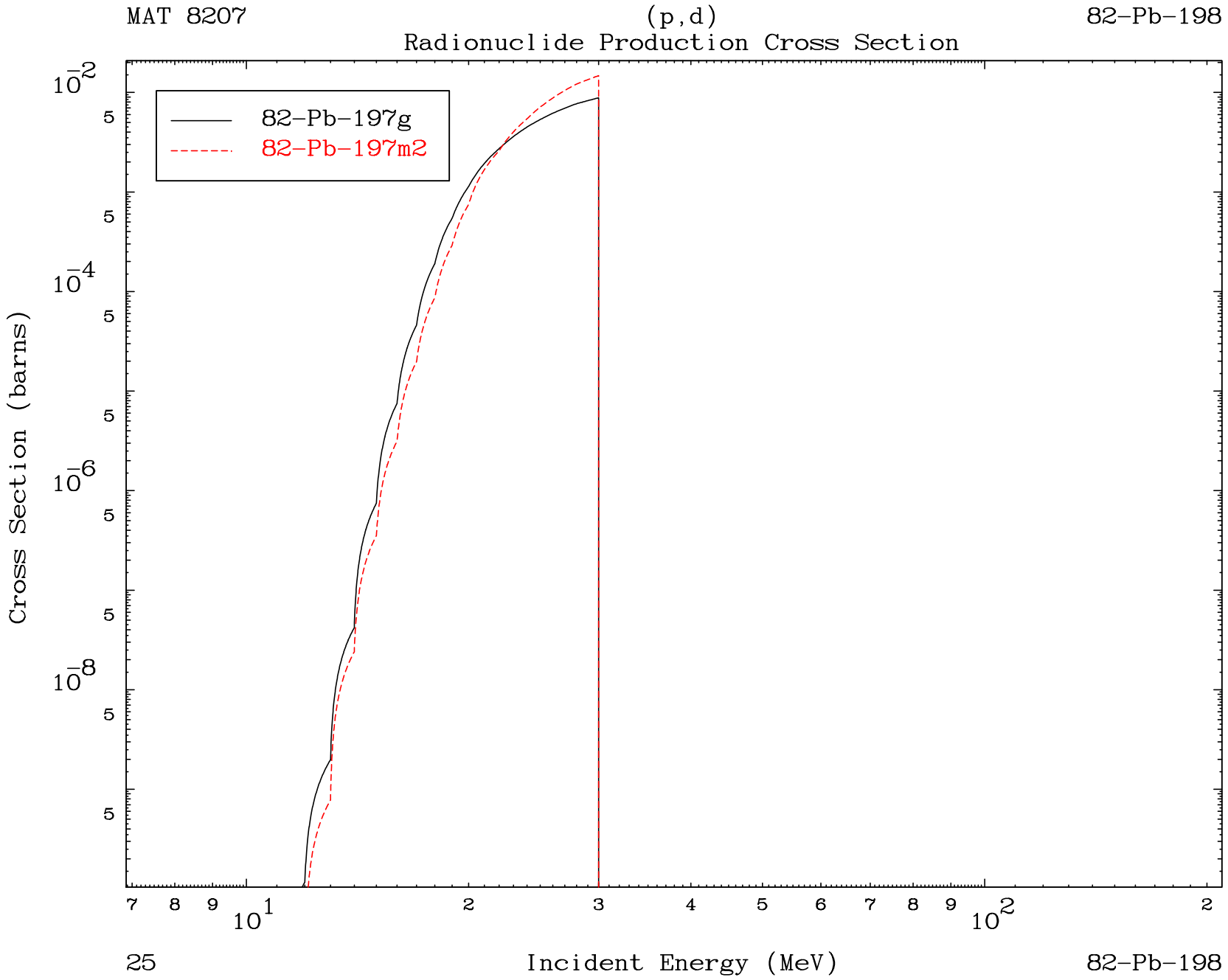

MAT 8207
(p,n') He-3
82-Pb-198
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
82-Pb-198

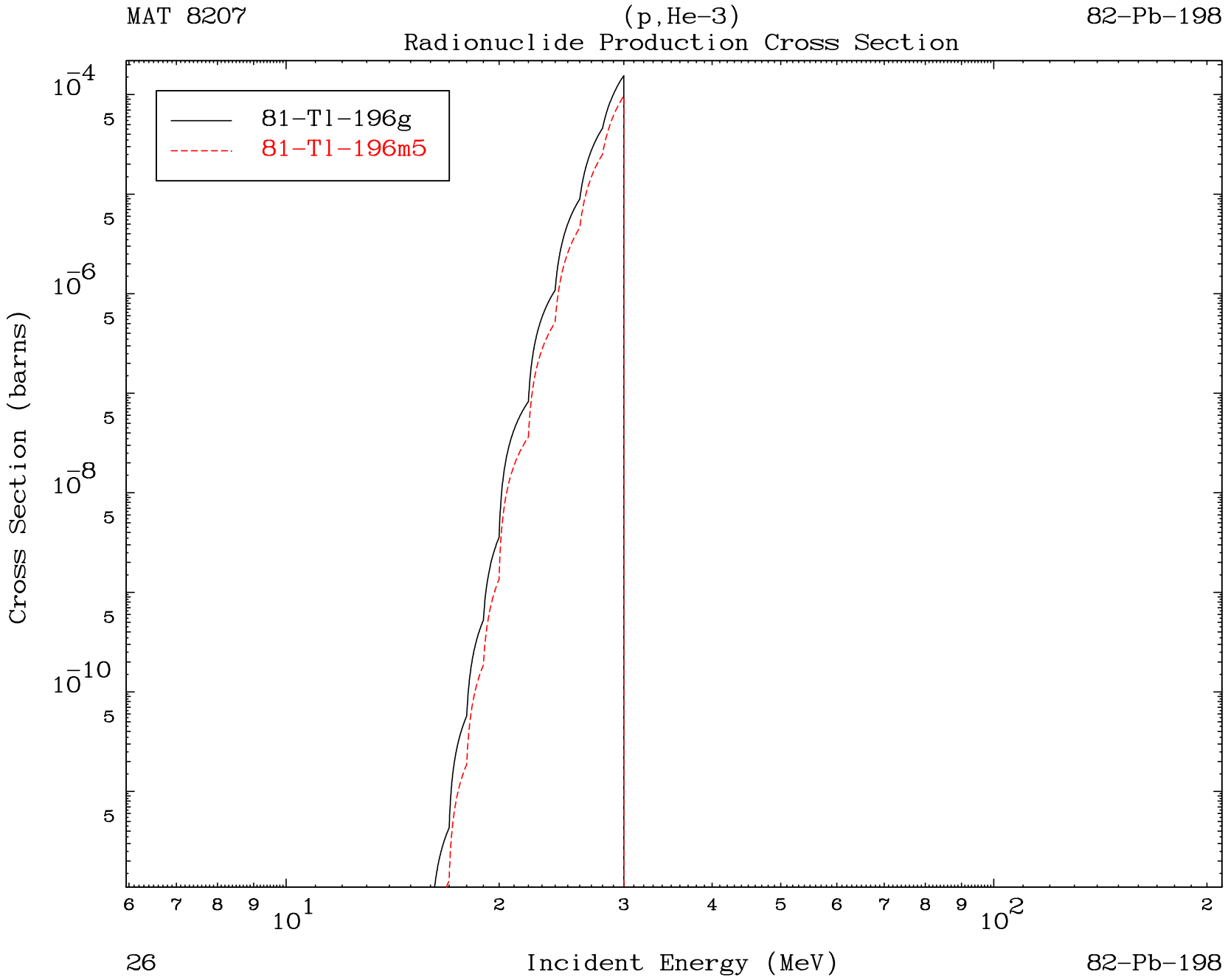

MAT 8207
(p,3n) p
82-Pb-198
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
10-9
10-10
10-11
Incident Energy (MeV)
21
82-Pb-198

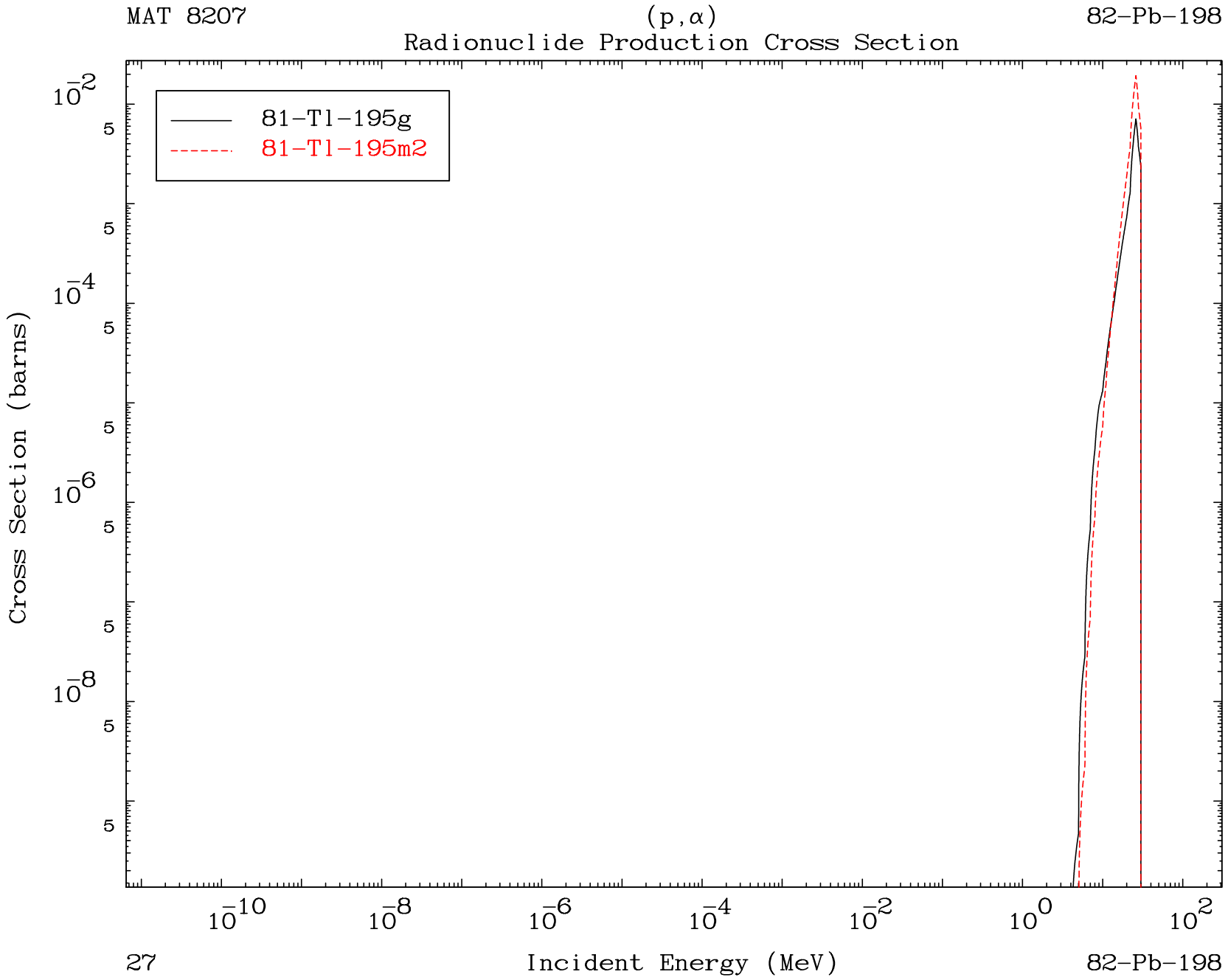

MAT 8207
(p,2n) p
82-Pb-198
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m5
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
82-Pb-198

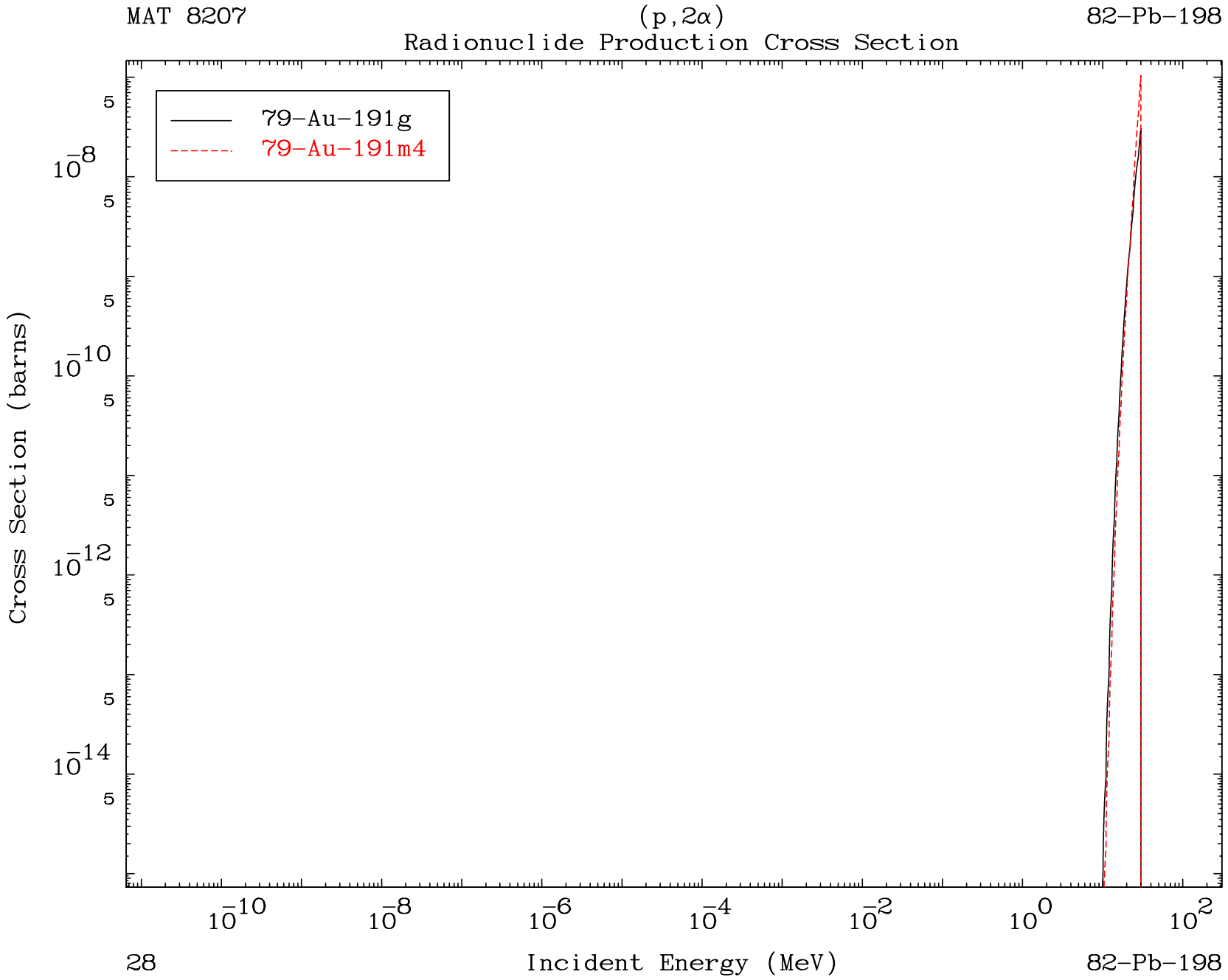

MAT 8207
(p,n') p α
82-Pb-198
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
23
82-Pb-198

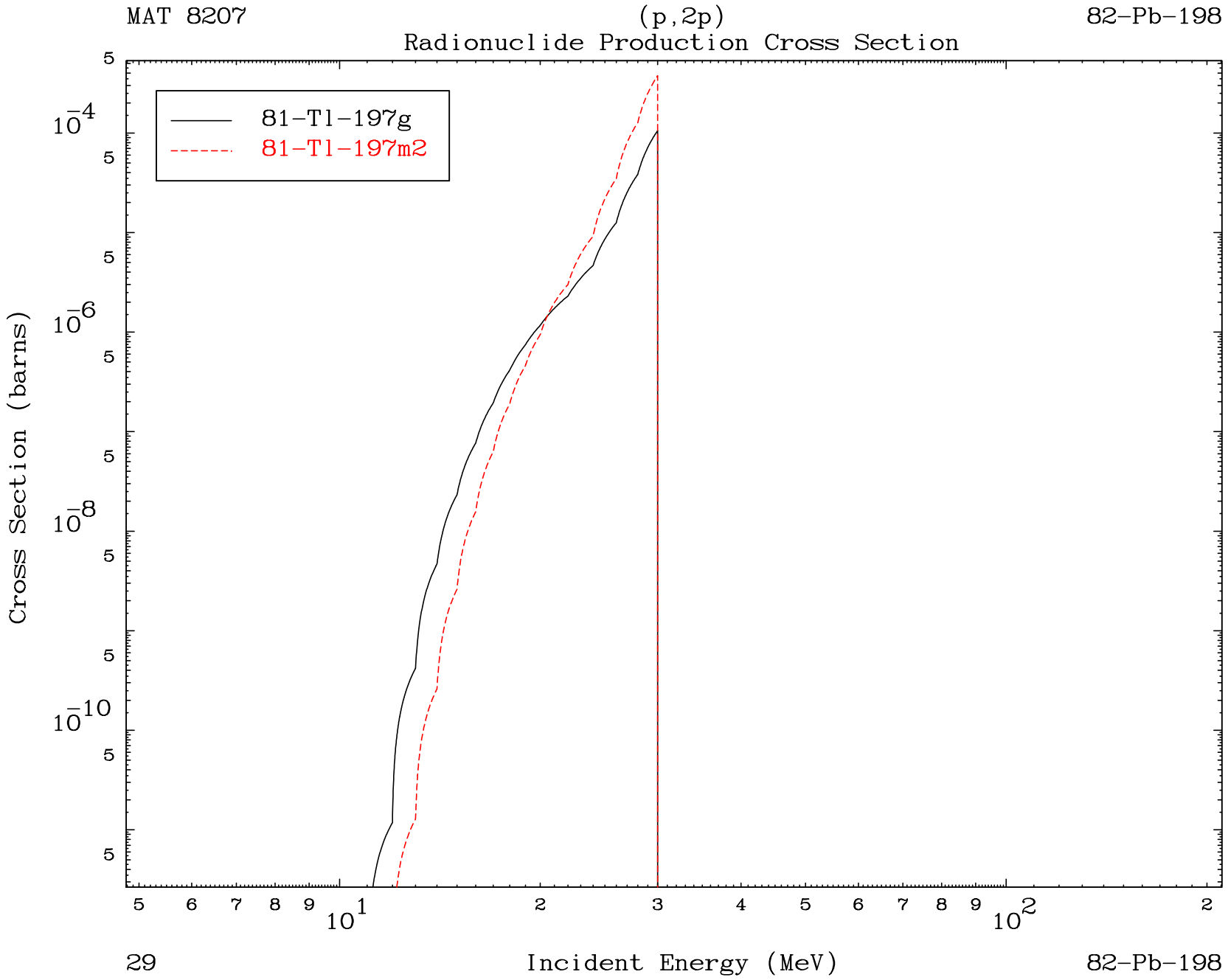

MAT 8207
(p,γ)
82-Pb-198
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
Incident Energy (MeV)
24
82-Pb-198

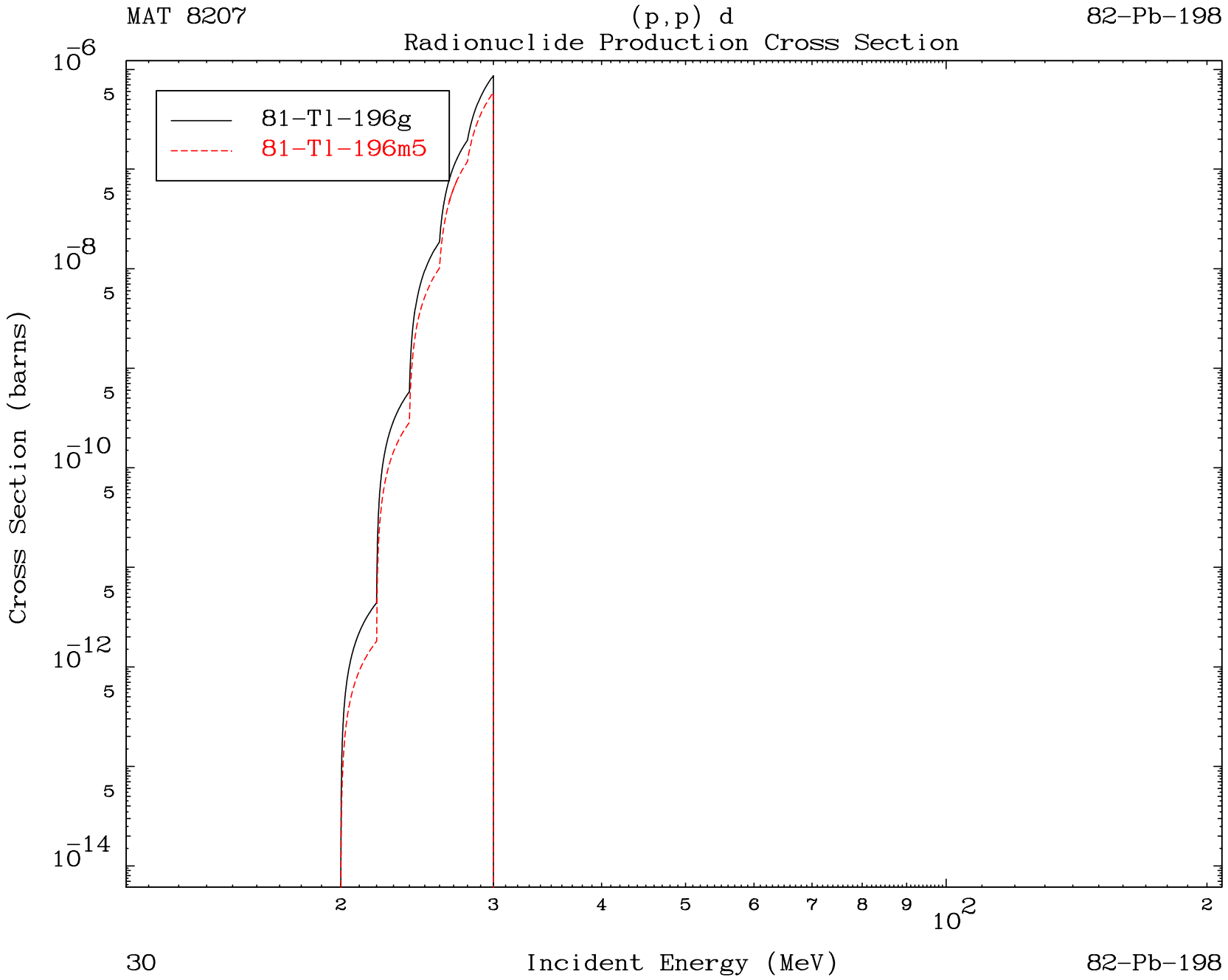

MAT 8207
(p,d)
82-Pb-198
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
Incident Energy (MeV)
25
82-Pb-198

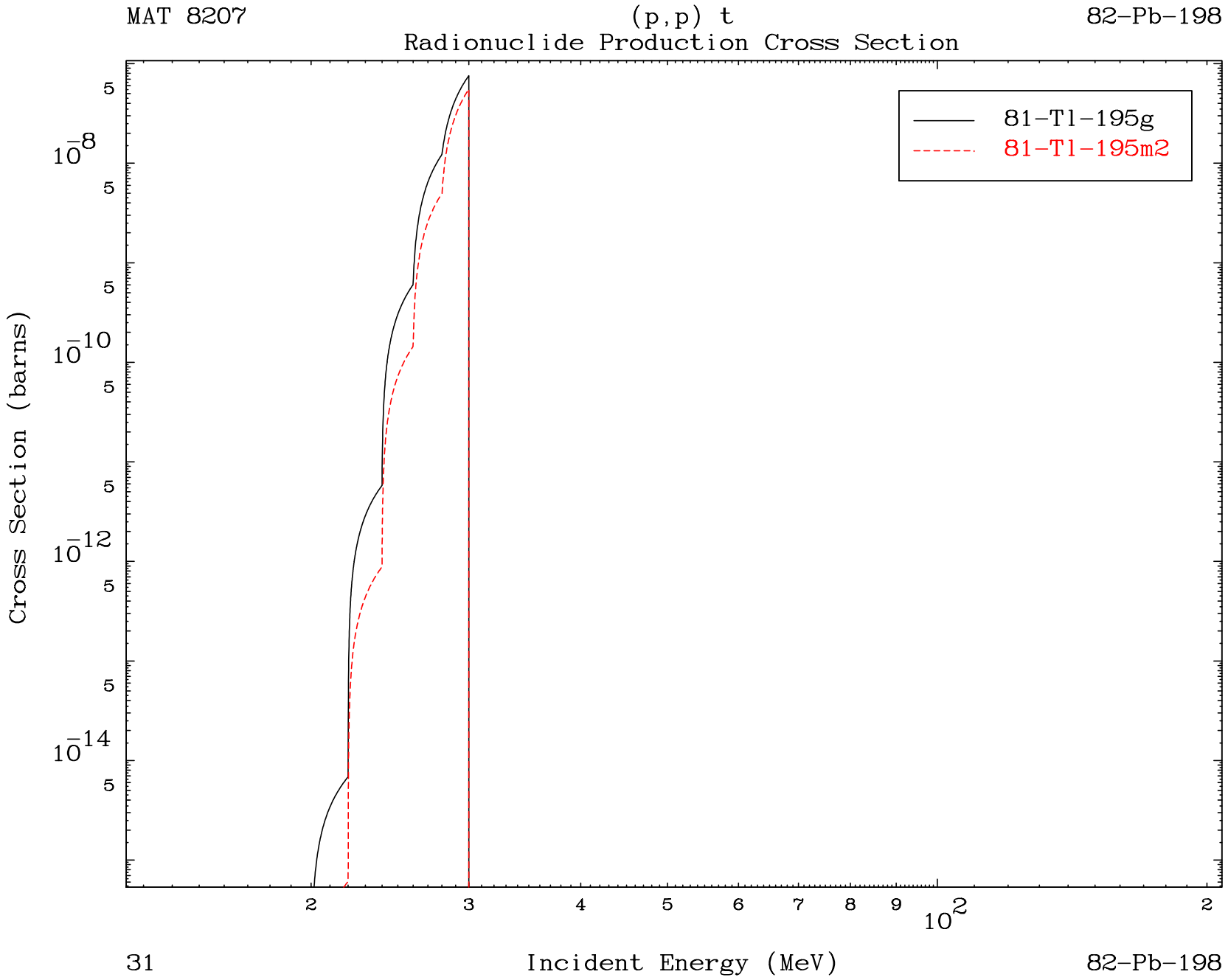

MAT 8207
(p,He-3)
82-Pb-198
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
26
82-Pb-198

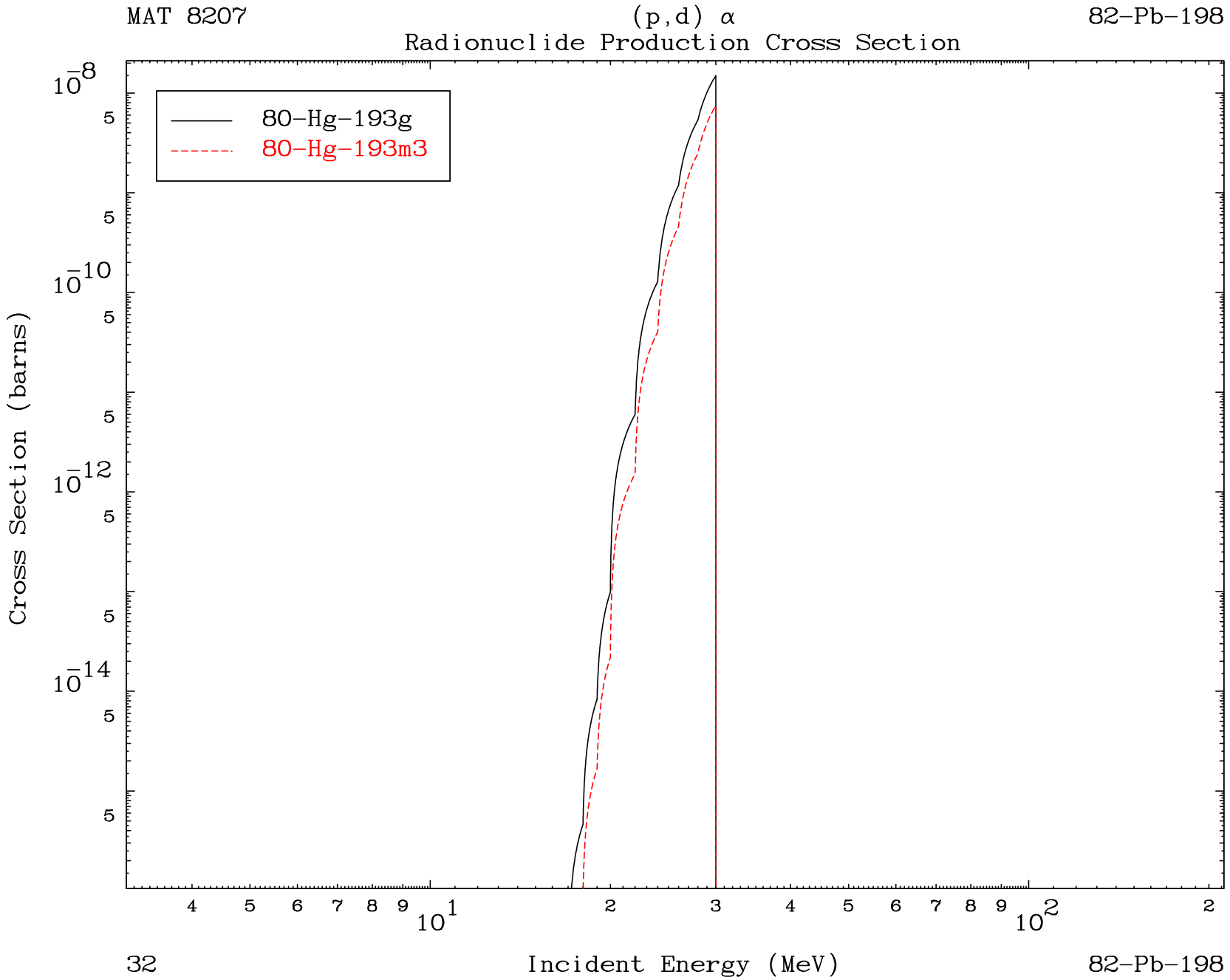

MAT 8207
(p,α)
82-Pb-198
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)
27
82-Pb-198


MAT 8207
(p,2α)
82-Pb-198
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
28
82-Pb-198


MAT 8207
(p,2p)
82-Pb-198
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
Incident Energy (MeV)
29
82-Pb-198


MAT 8207
(p,p) d
82-Pb-198
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m5
Cross Section (barns)
Incident Energy (MeV)
30
82-Pb-198


MAT 8207
(p,p) t
82-Pb-198
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
31
Incident Energy (MeV)
82-Pb-198


MAT 8207
(p,d) α
82-Pb-198
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
32
Incident Energy (MeV)
82-Pb-198