Program EVALPLOT
(Version 2021-1)
by
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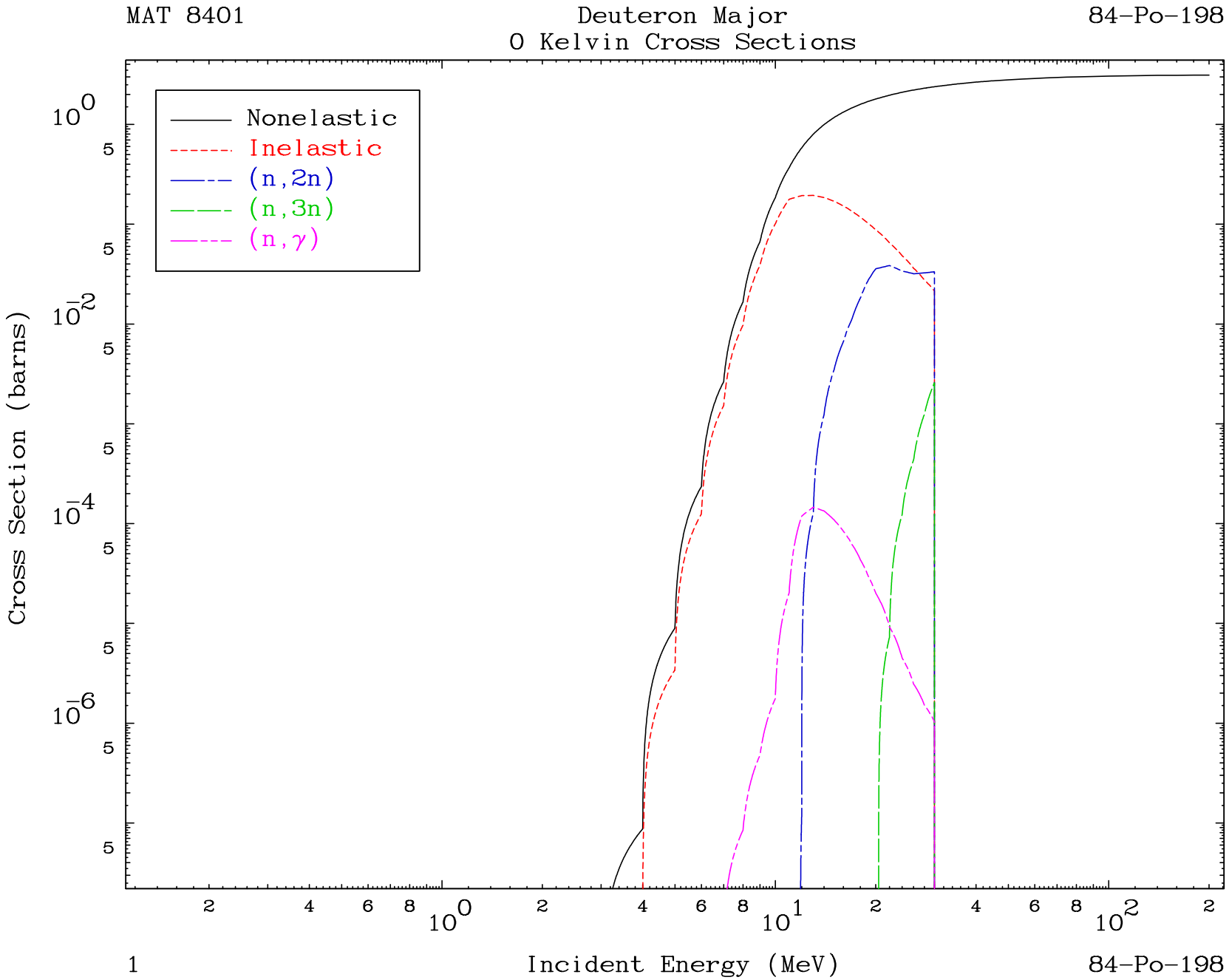
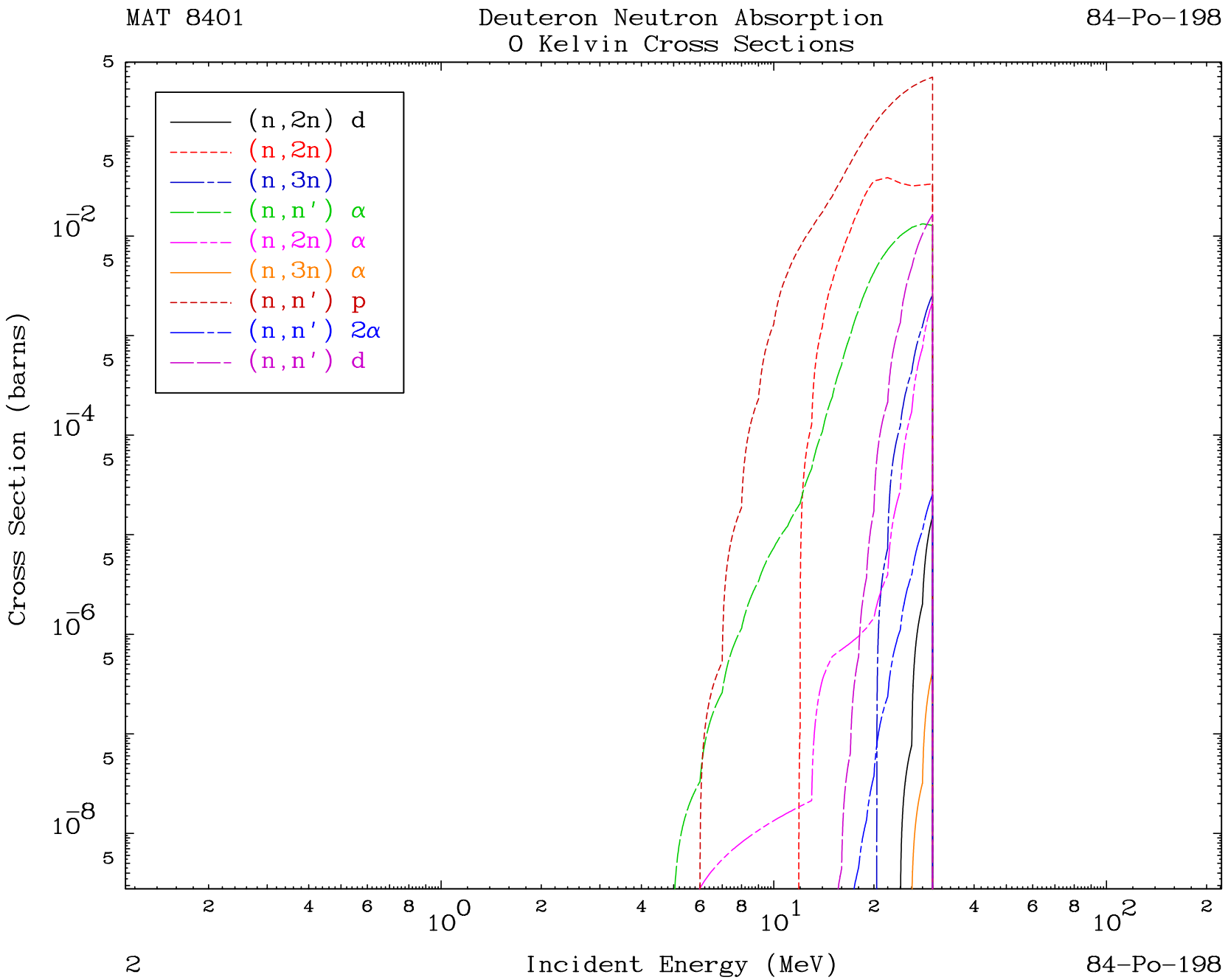
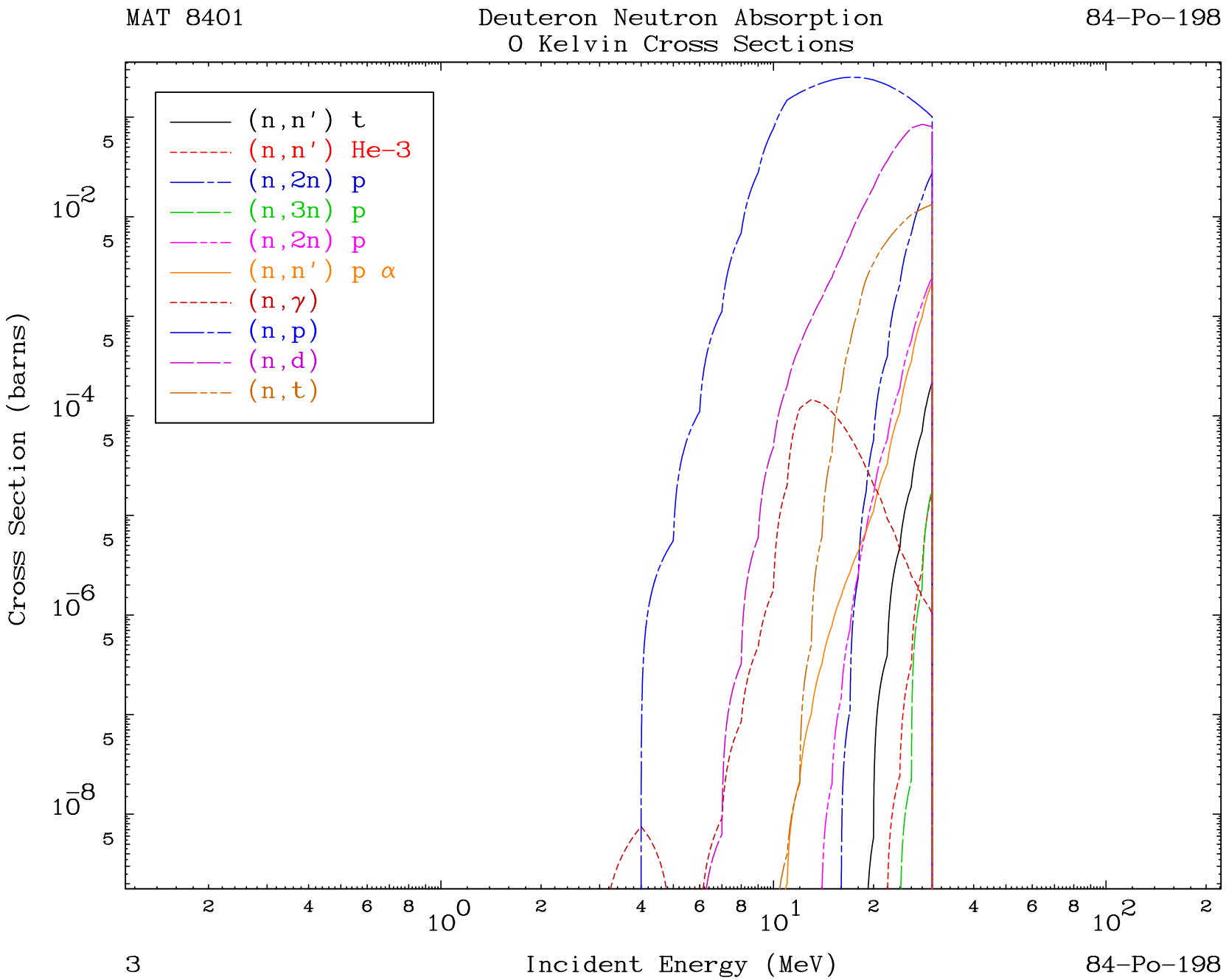
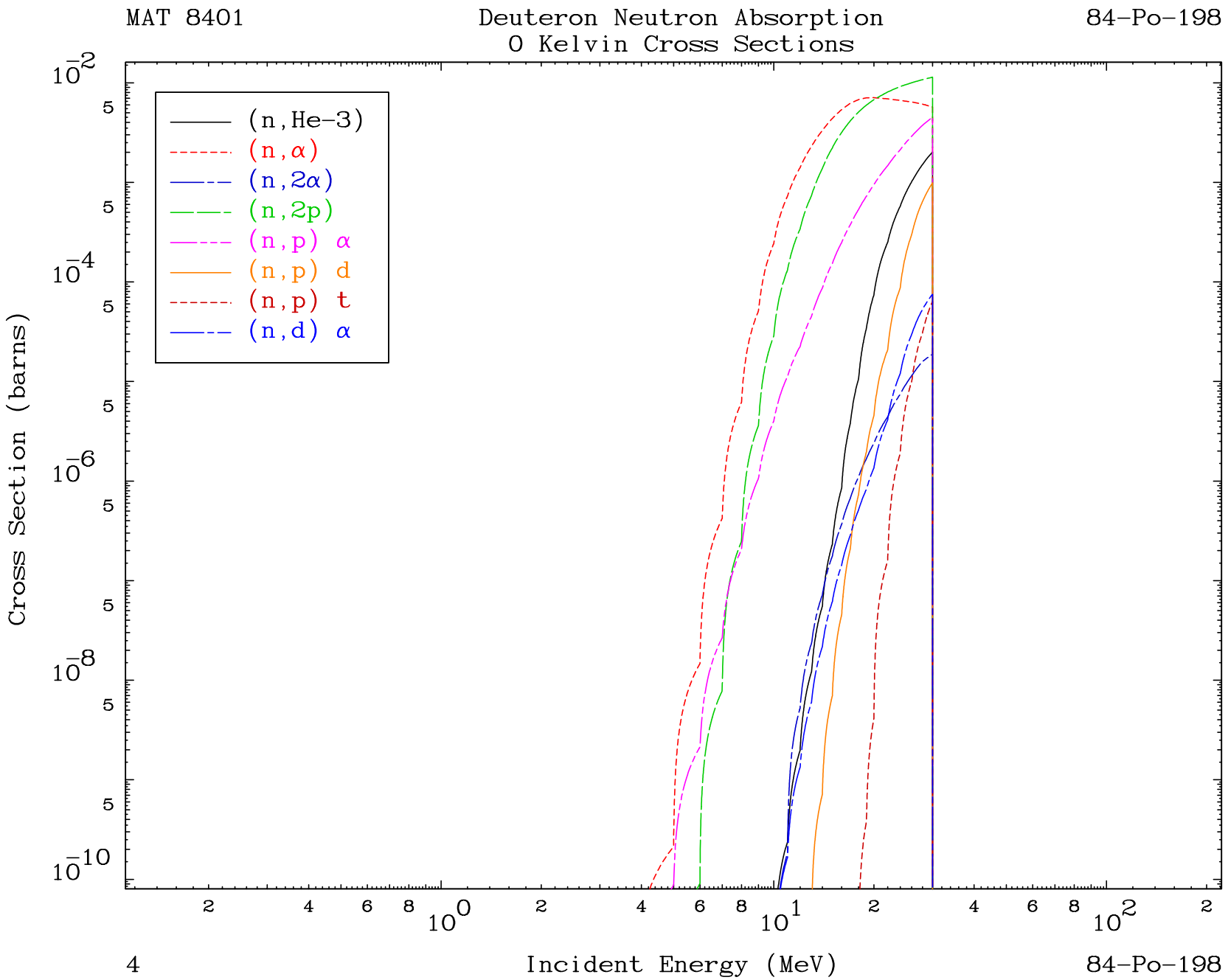
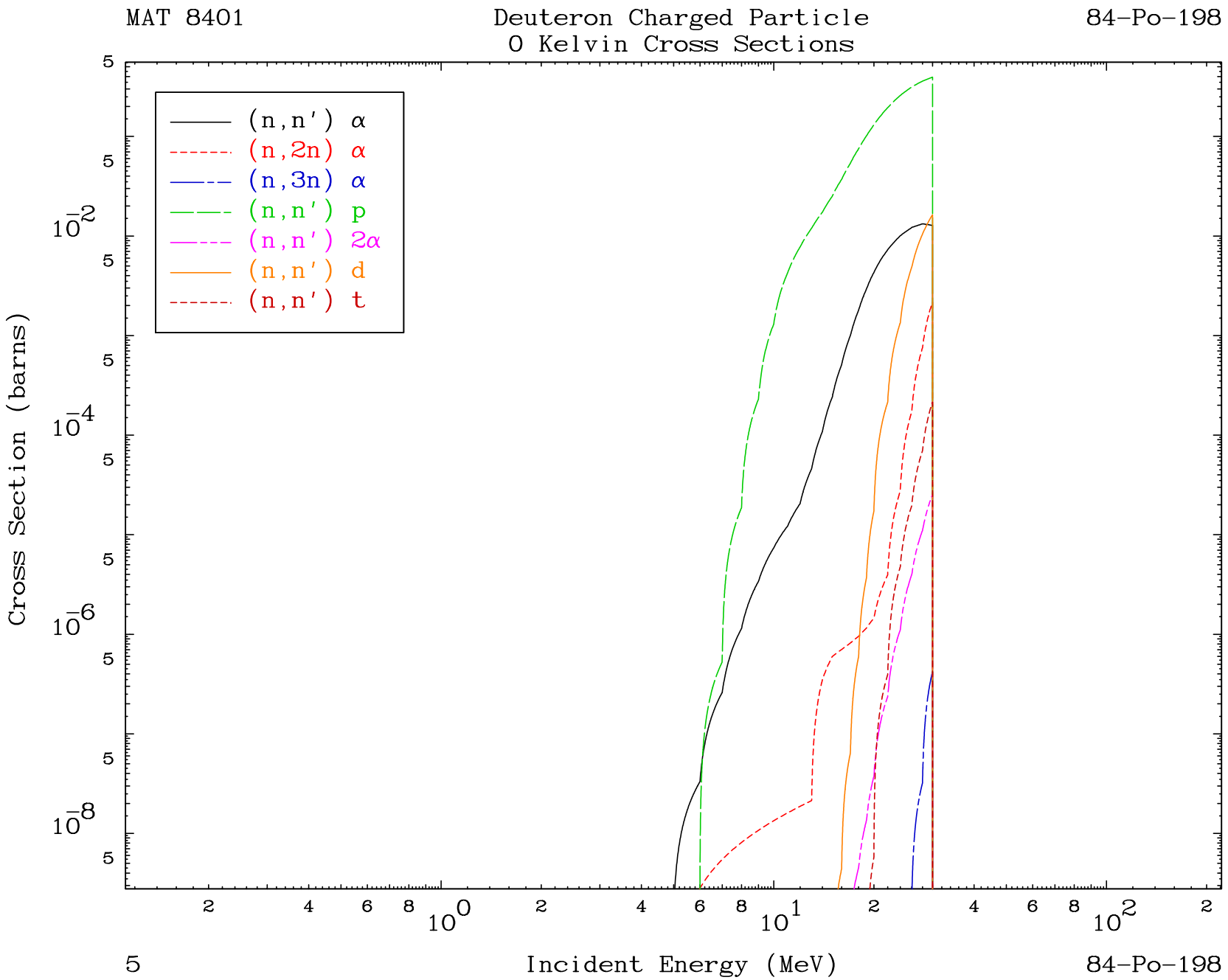
Press Mouse Button to Start

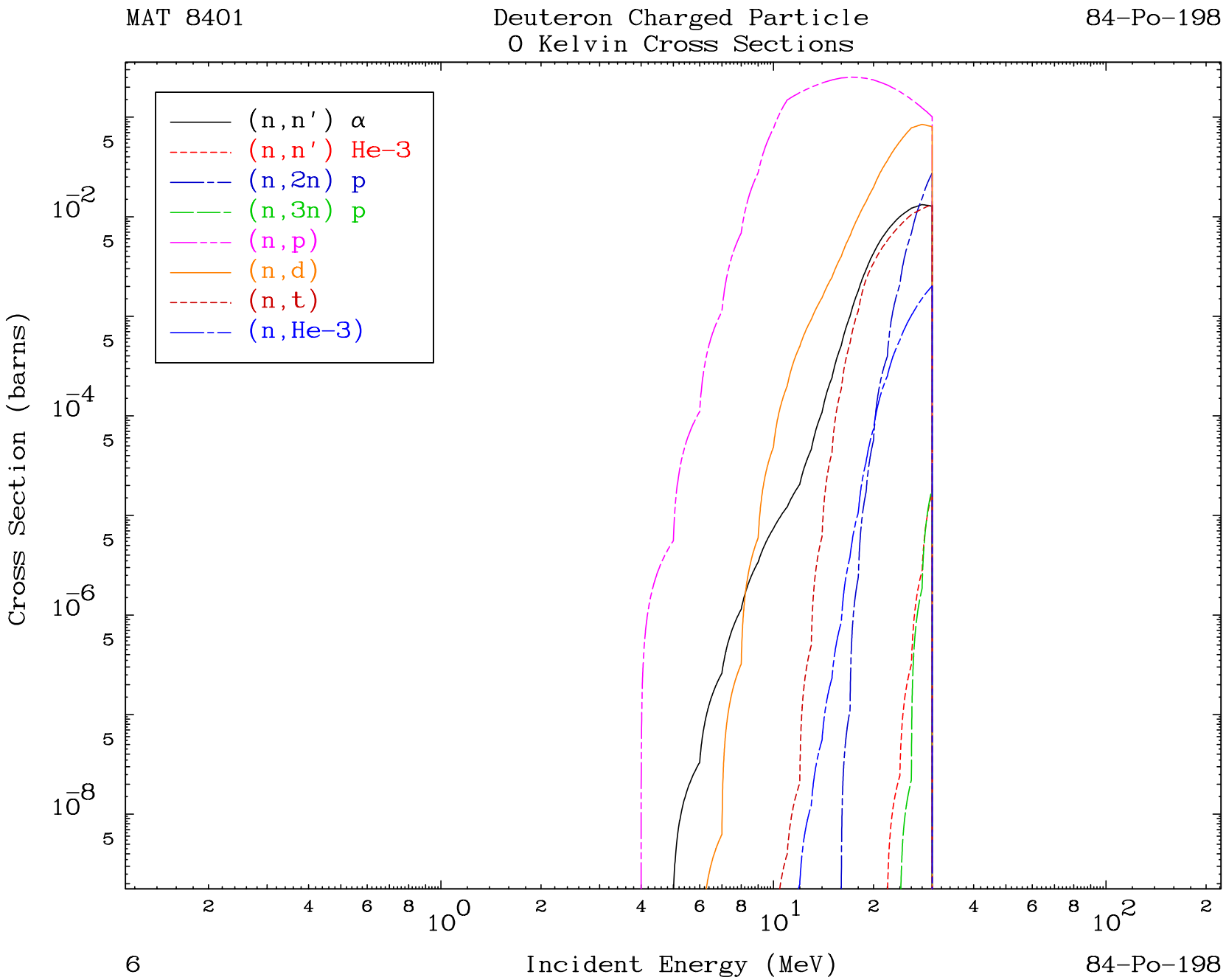

MAT 8401
Deuteron Major
84-Po-198
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-198
1

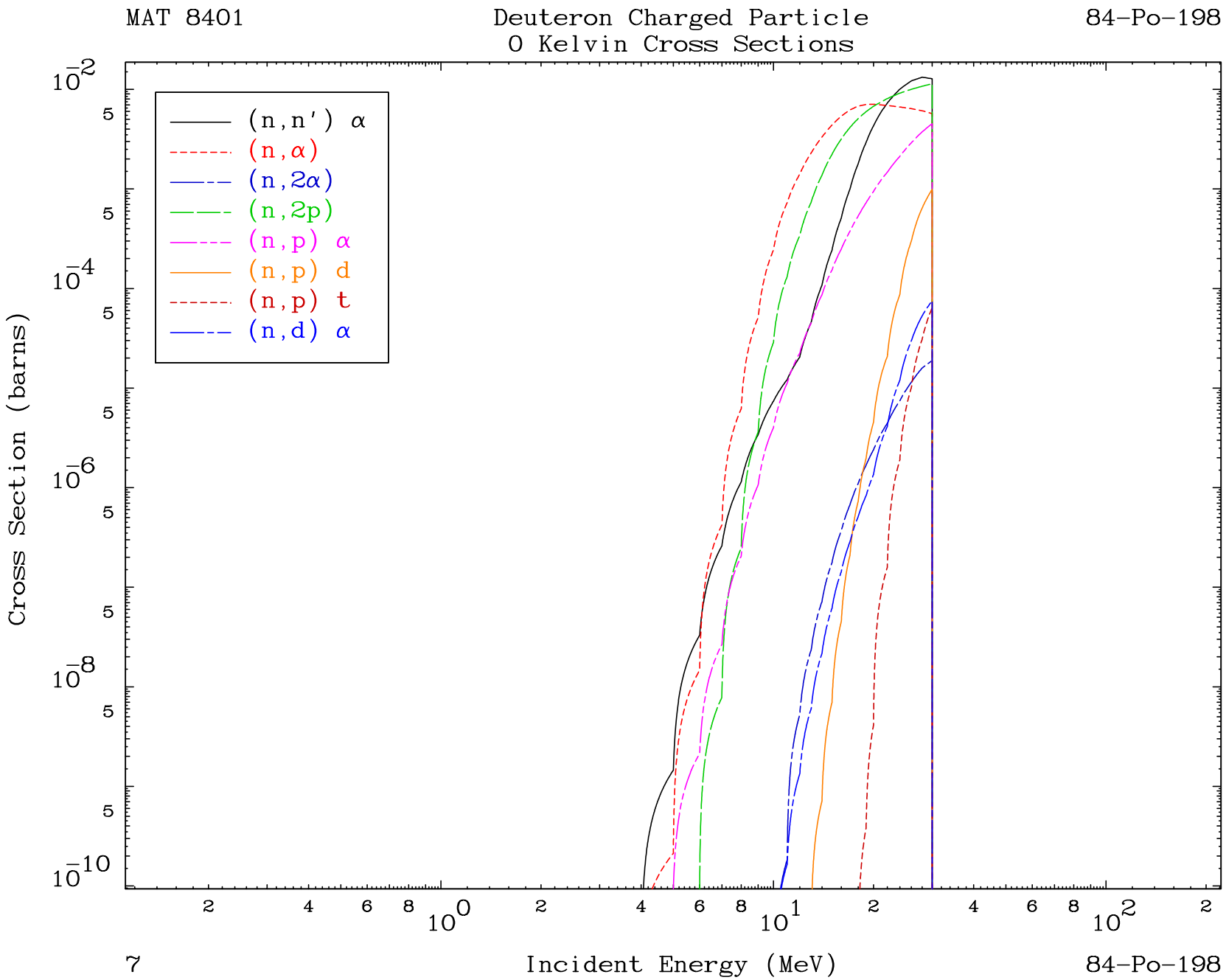

MAT 8401
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-198
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
84-Po-198
2

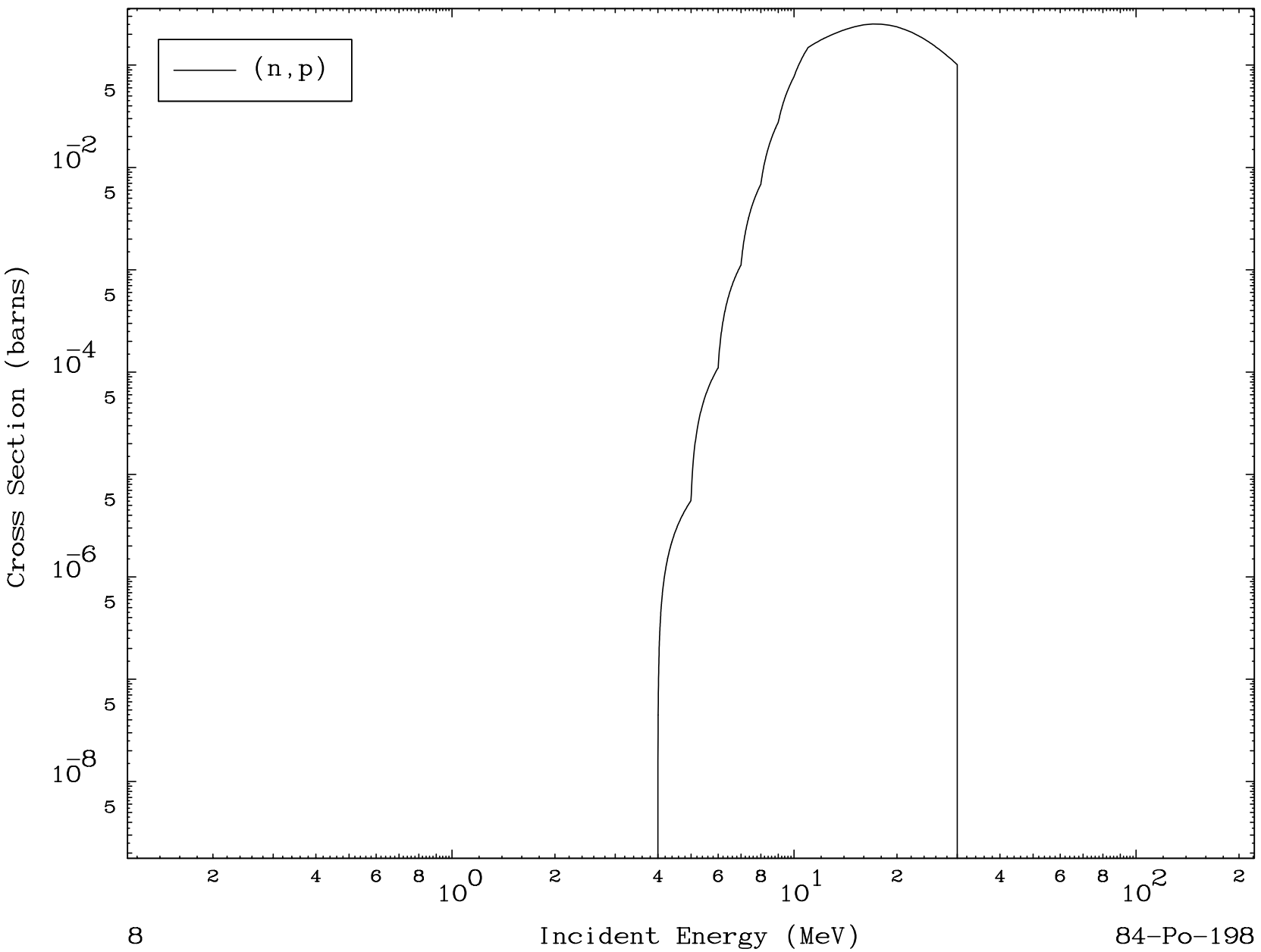

MAT 8401
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-198
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-198

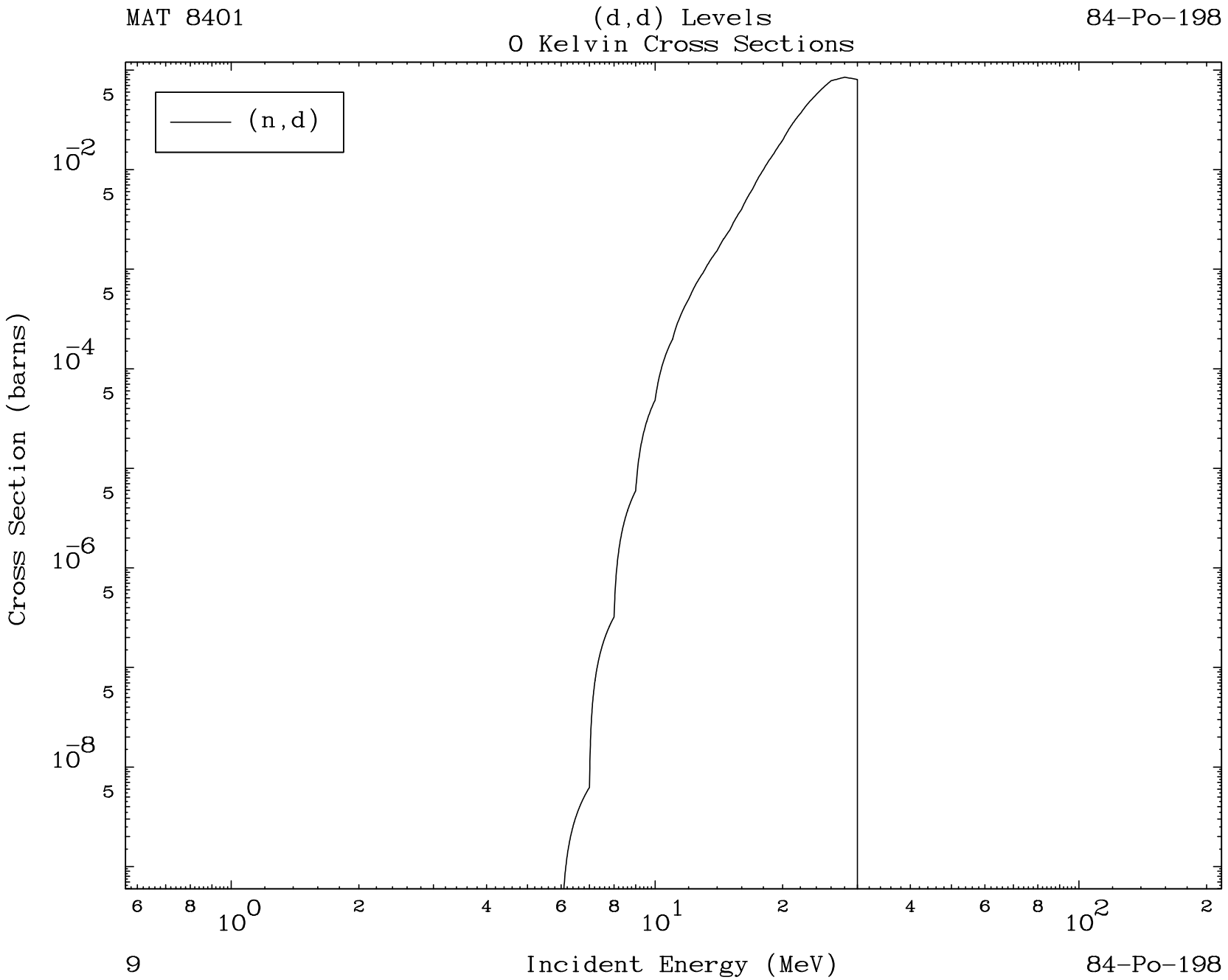

MAT 8401
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-198
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-198

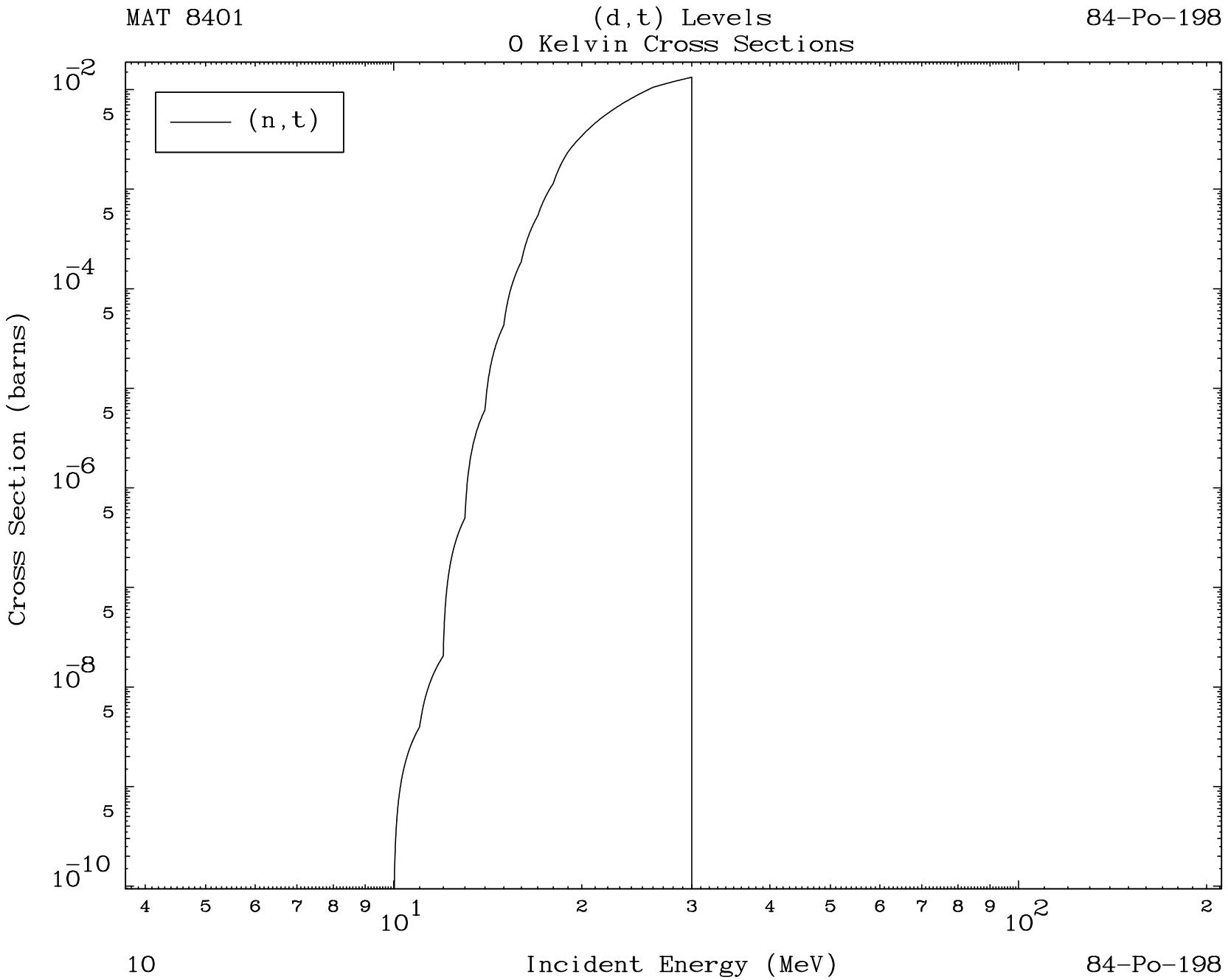

MAT 8401
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-198
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
84-Po-198

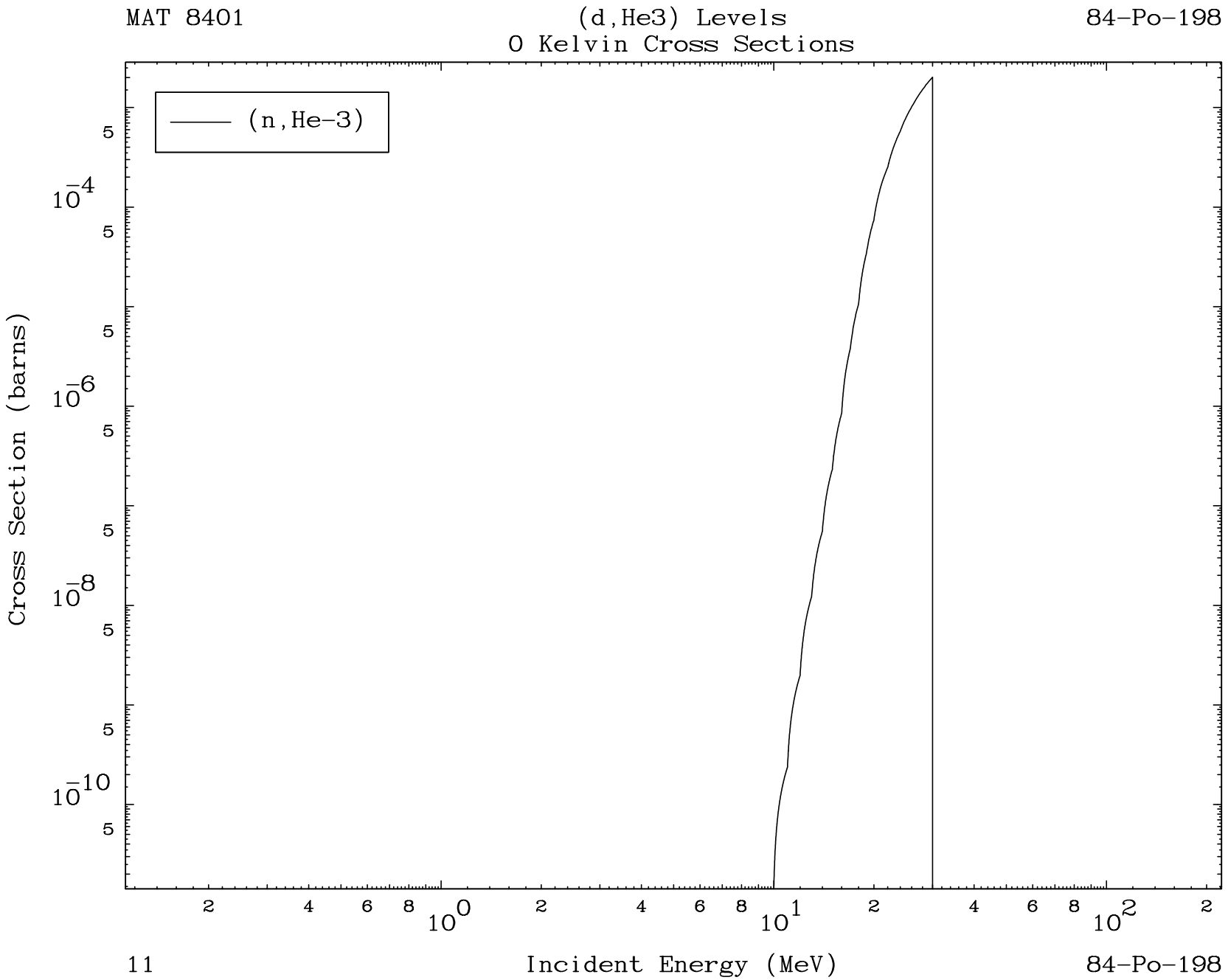

MAT 8401
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-198
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
84-Po-198

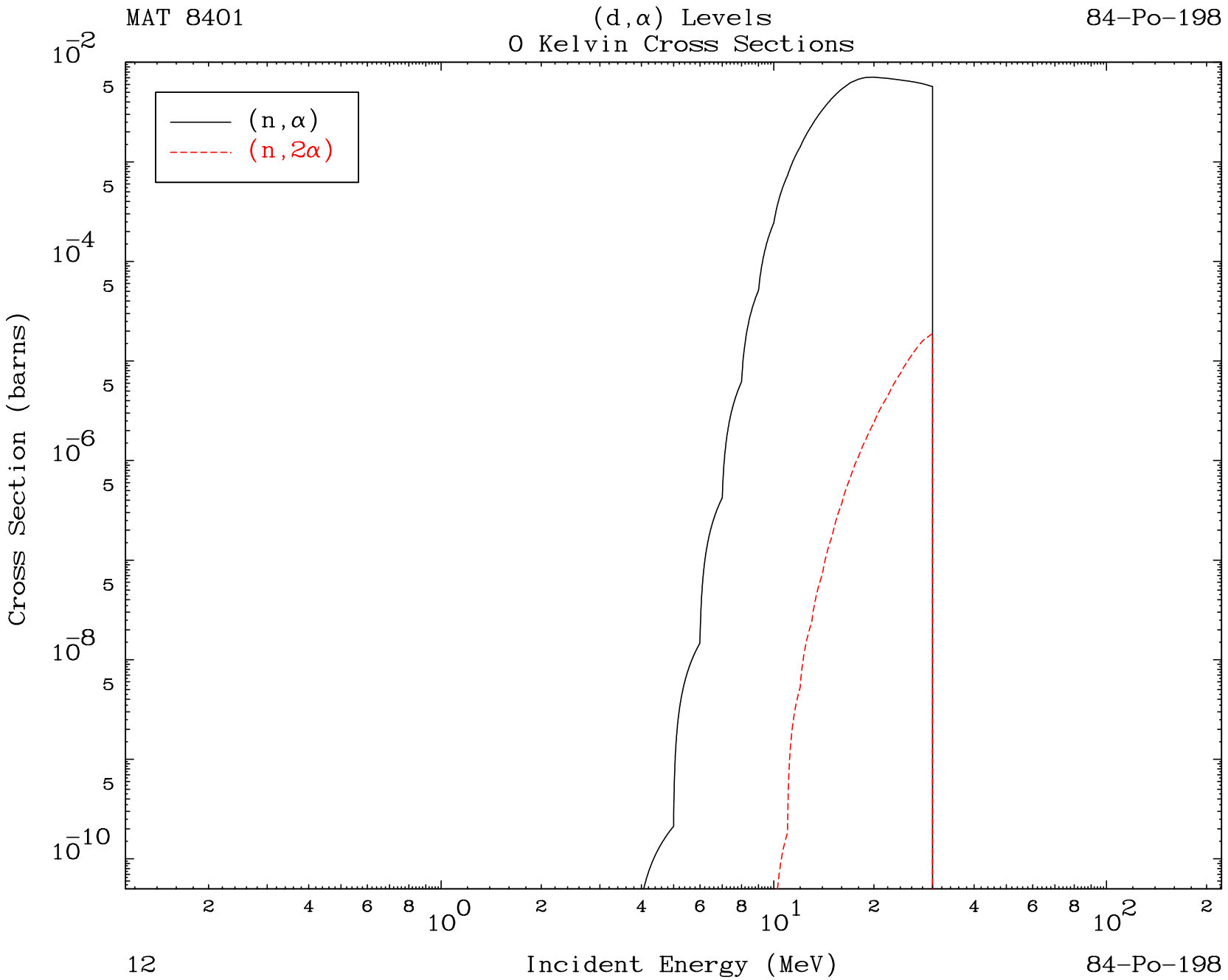

MAT 8401
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-198
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
84-Po-198

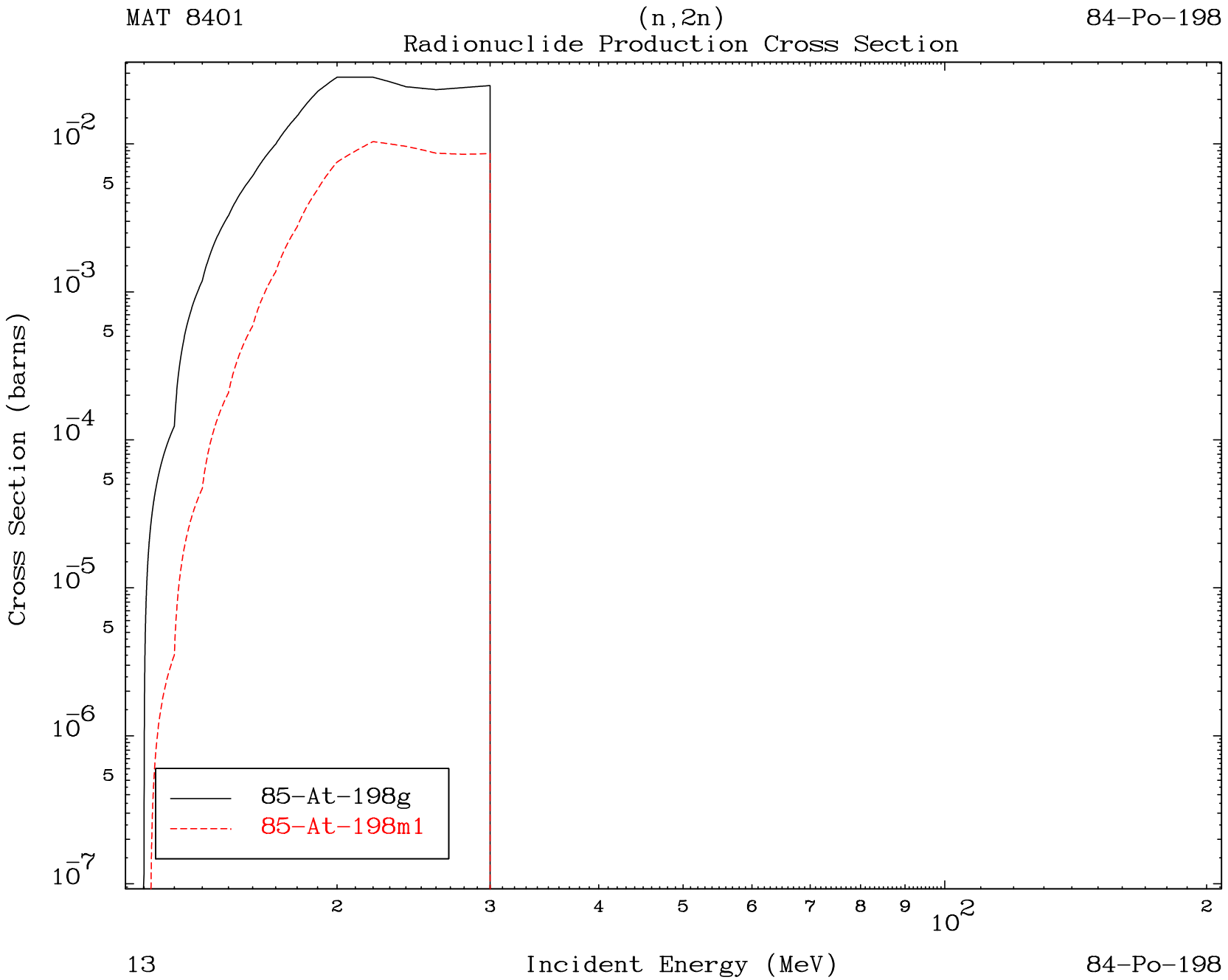

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

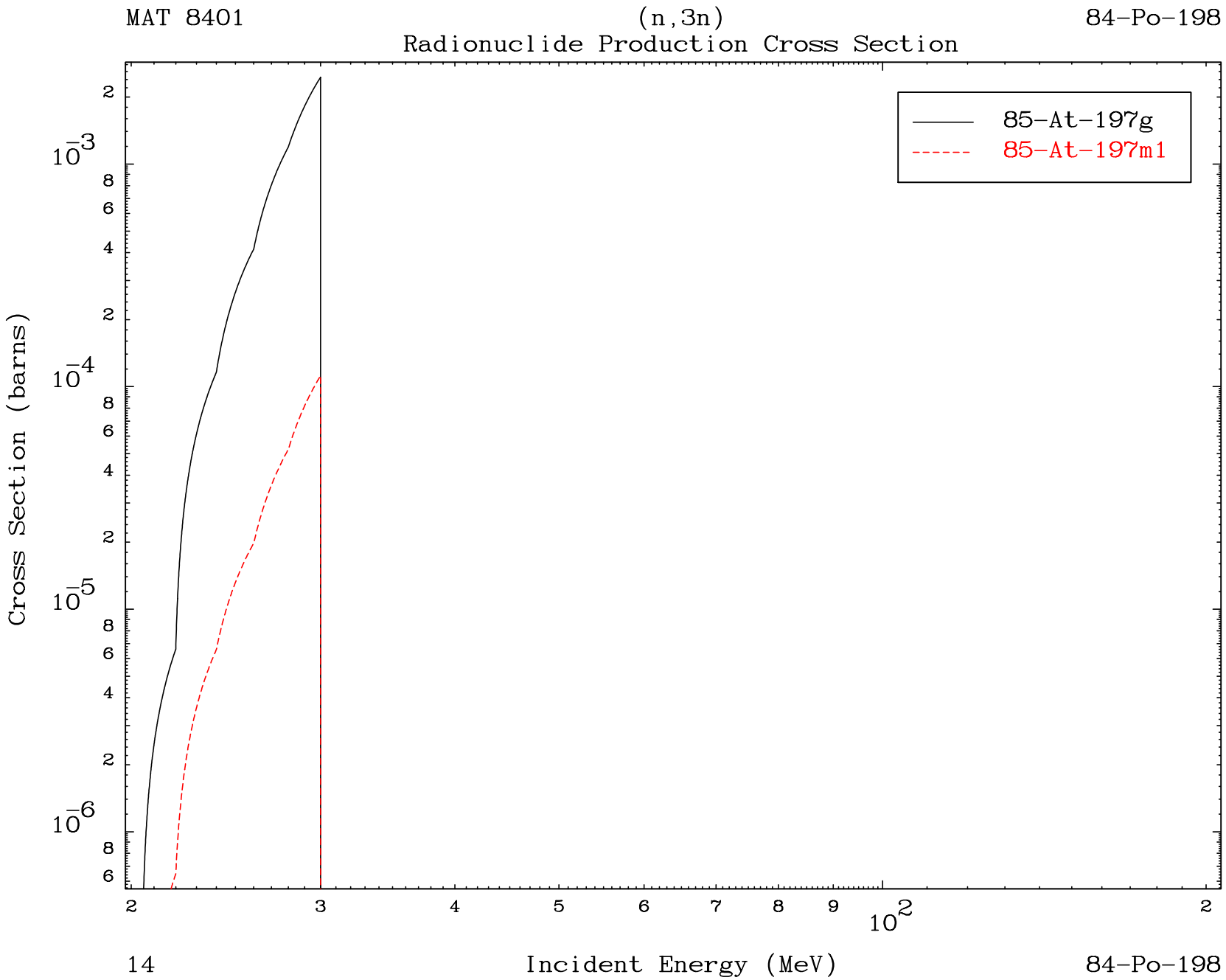

MAT 8401
(d,d) Levels
84-Po-198
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
84-Po-198

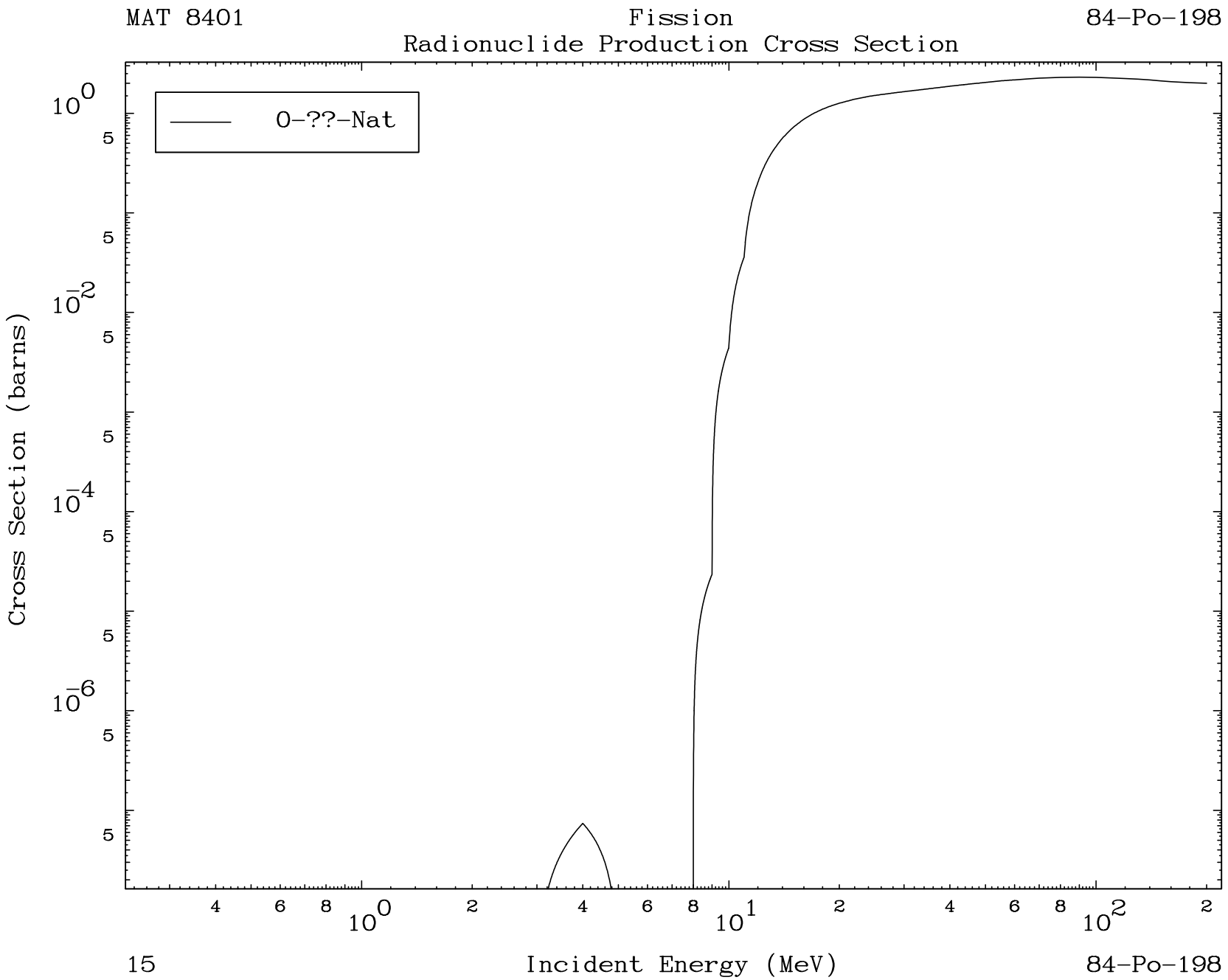

MAT 8401
(d,t) Levels
84-Po-198
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
84-Po-198


MAT 8401
(d,He3) Levels
84-Po-198
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
84-Po-198


MAT 8401
(d,α) Levels
84-Po-198
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
84-Po-198


MAT 8401
(n,2n)
84-Po-198
Radionuclide Production Cross Section
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
10-7
2
3
4
5
6
7
8
9
10 2
2
85-At-198g
85-At-198m1
13
Incident Energy (MeV)
84-Po-198


MAT 8401
(n,3n)
84-Po-198
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
Incident Energy (MeV)
14
84-Po-198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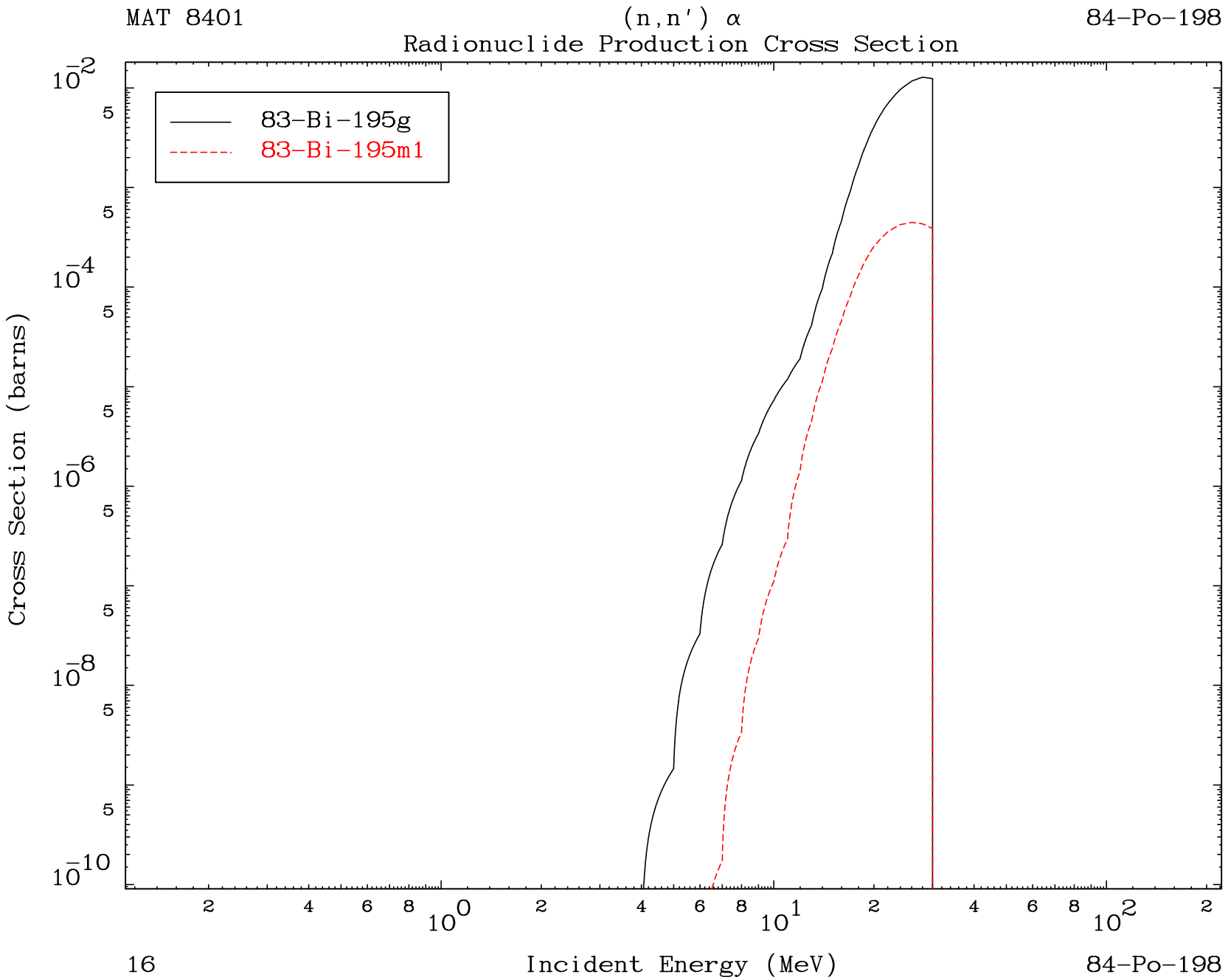
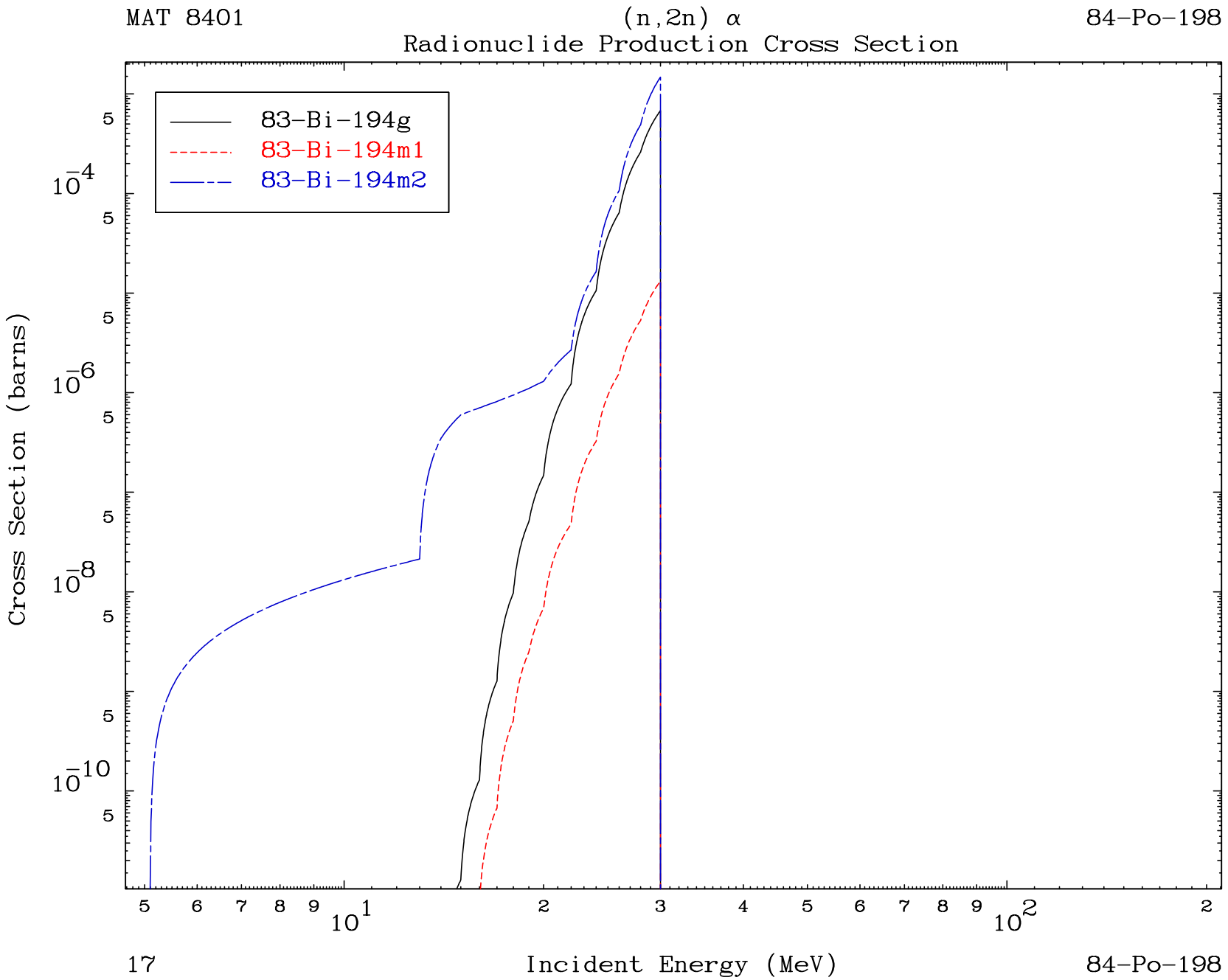
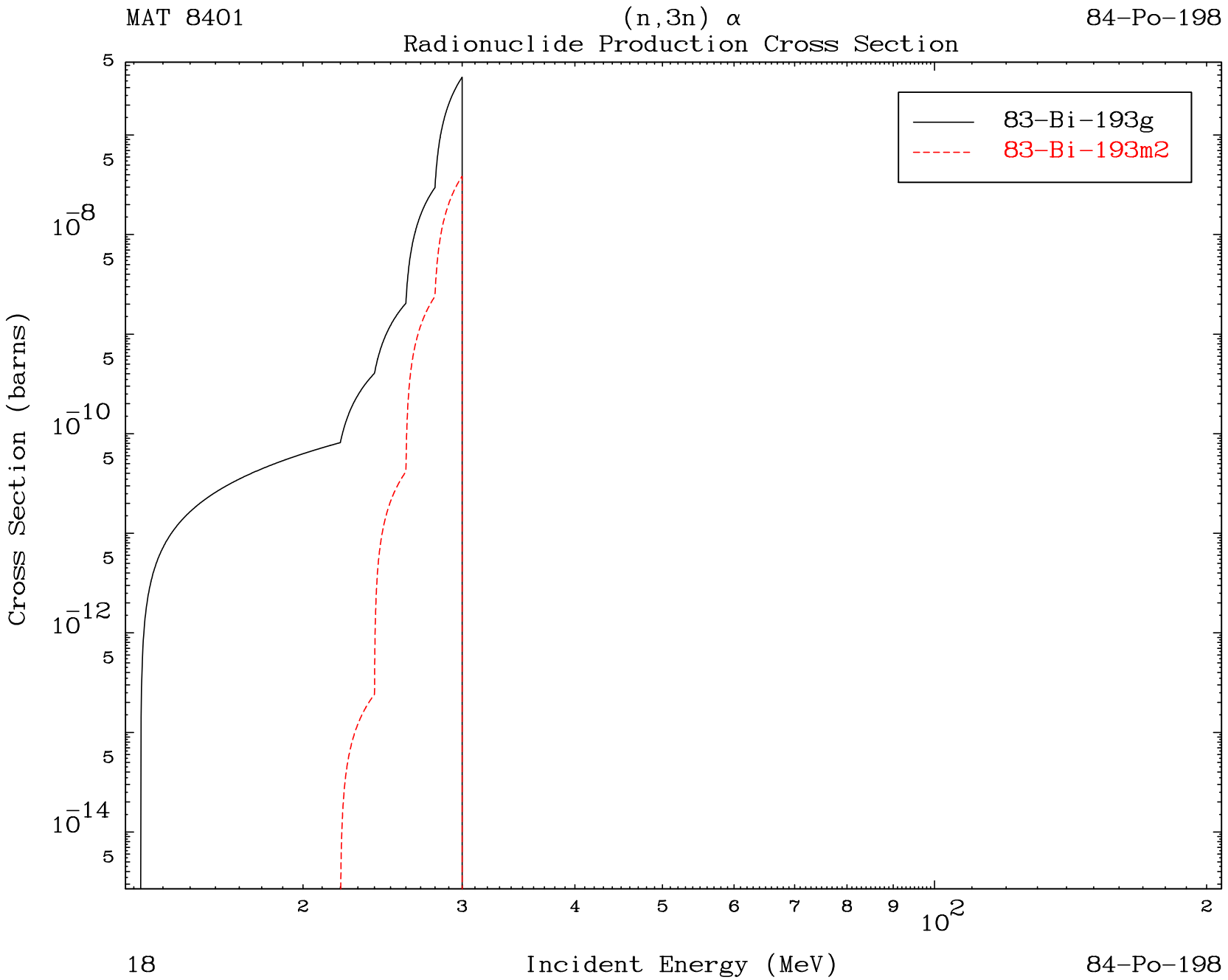
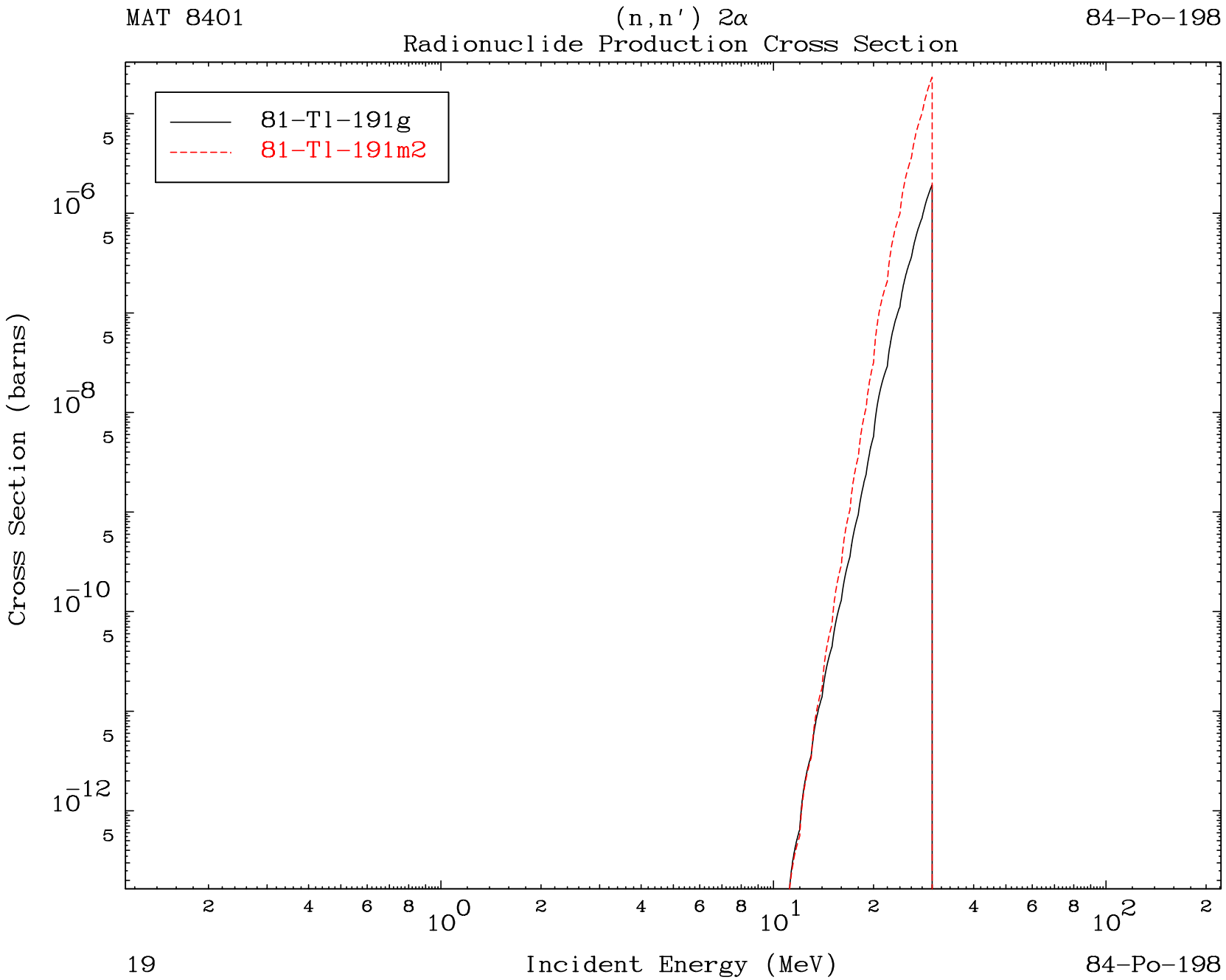
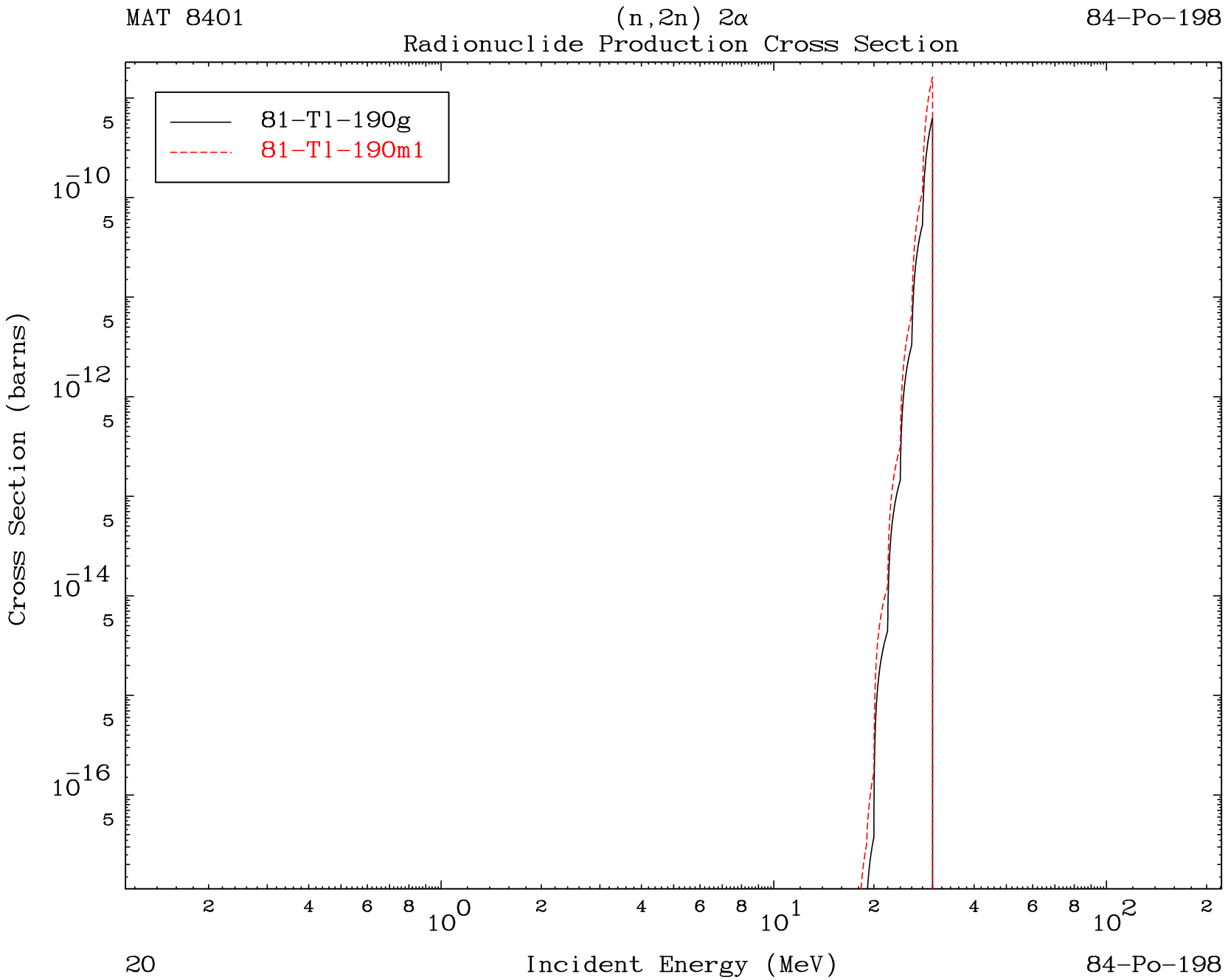
Fission
84-Po-198
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
84-Po-198

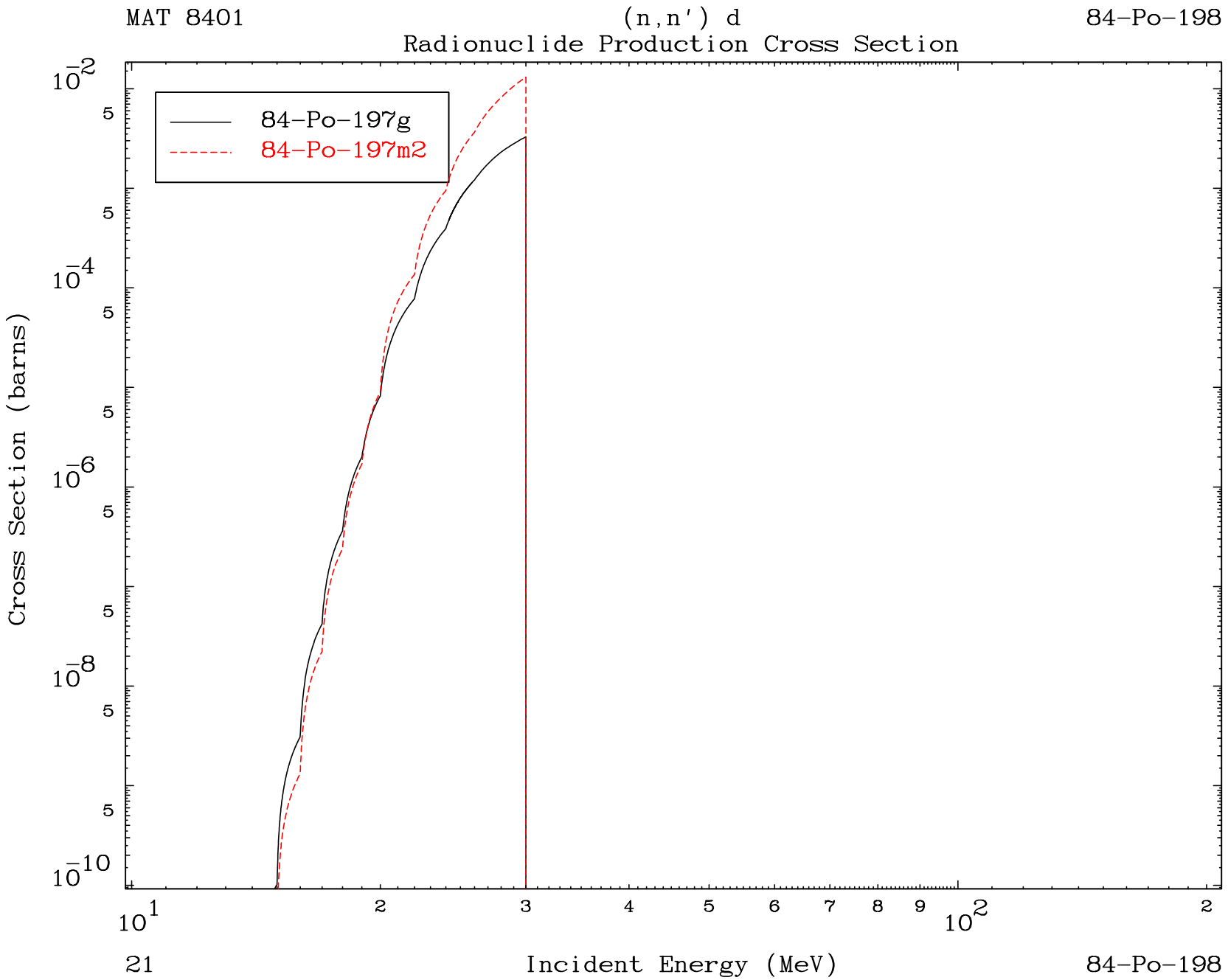

MAT 8401
(n,n') α
84-Po-198
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
16
84-Po-198

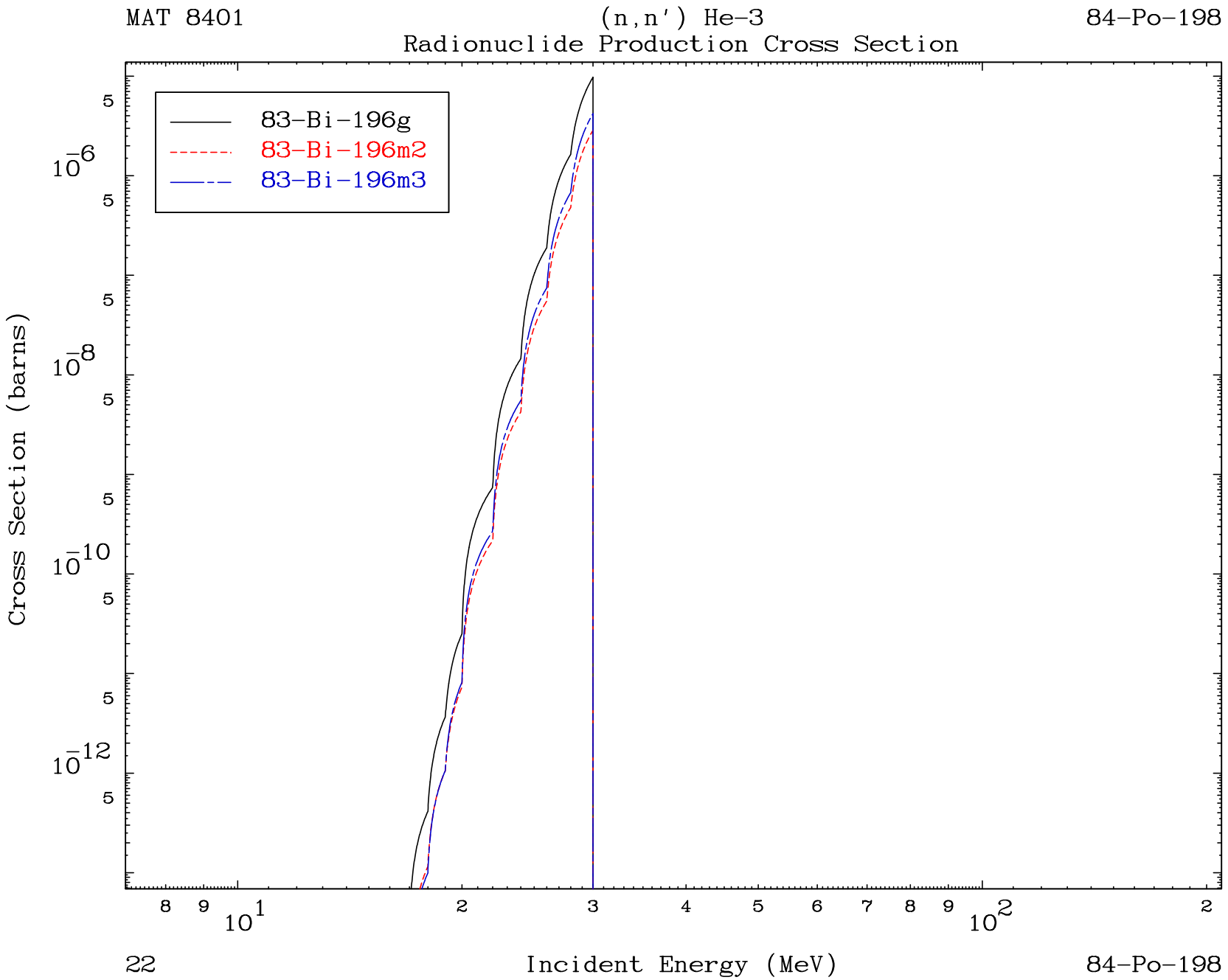

MAT 8401
(n,2n) α
84-Po-198
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6
7
8
9
101
2
3
4
5
6
7
8
9
102
2
17
Incident Energy (MeV)
84-Po-198

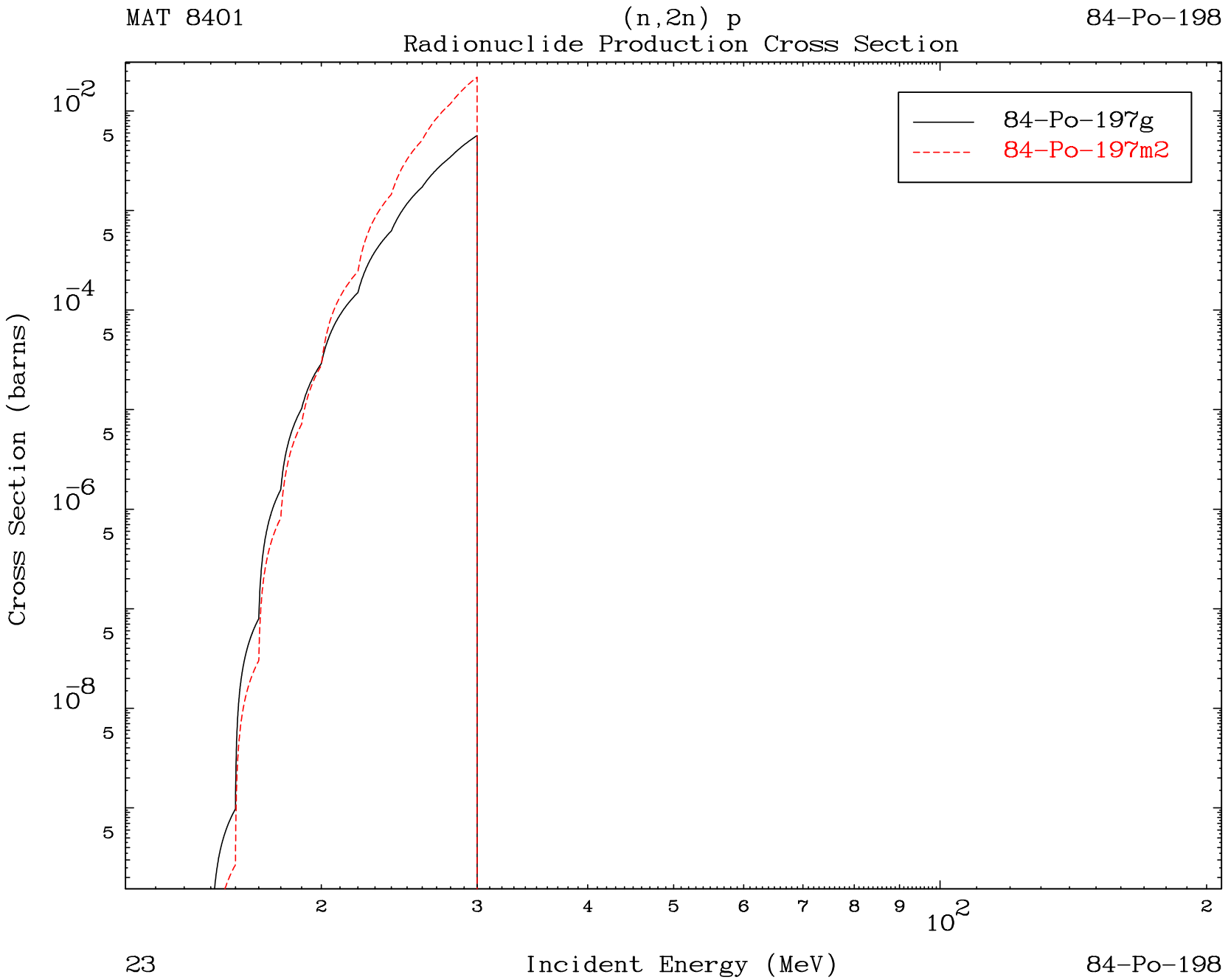

MAT 8401
(n,3n) α
84-Po-198
Radionuclide Production Cross Section
83-Bi-193g
83-Bi-193m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
84-Po-198

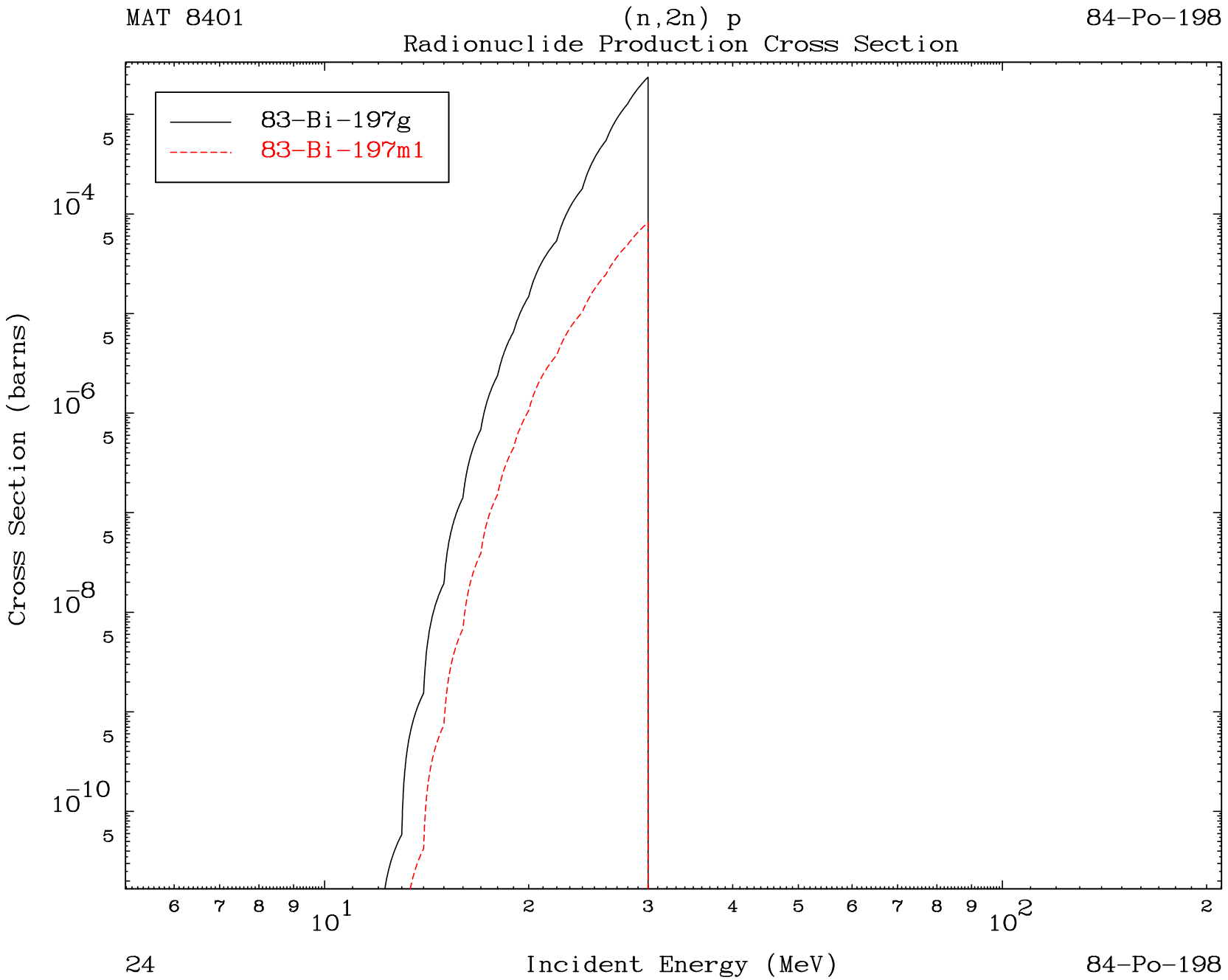

MAT 8401
(n,n') 2α
84-Po-198
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
19
84-Po-198

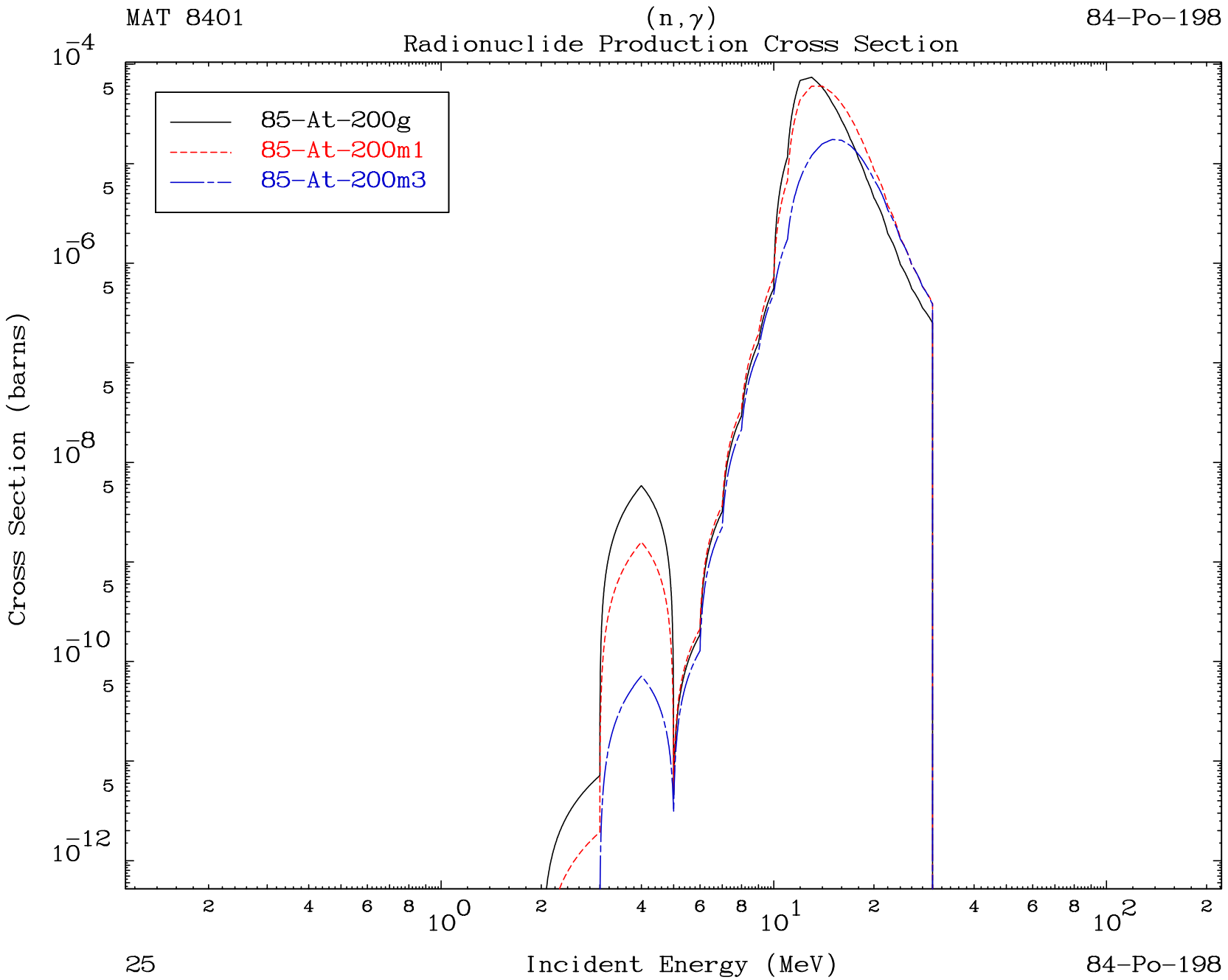

MAT 8401
(n,2n) 2α
84-Po-198
Radionuclide Production Cross Section
81-Tl-190g
81-Tl-190m1
Cross Section (barns)
Incident Energy (MeV)
20
84-Po-198

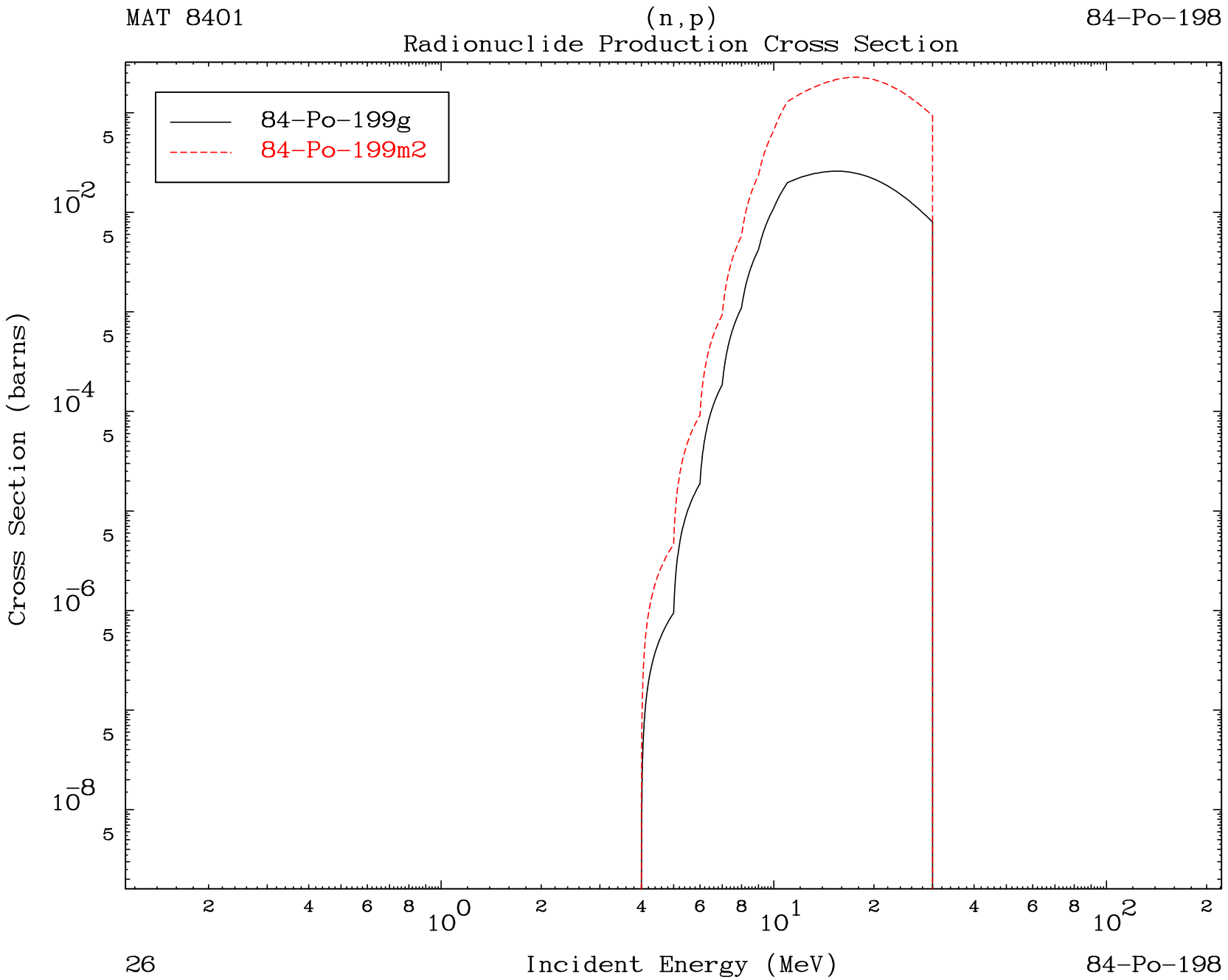

MAT 8401
(n,n') d
84-Po-198
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
21
84-Po-198

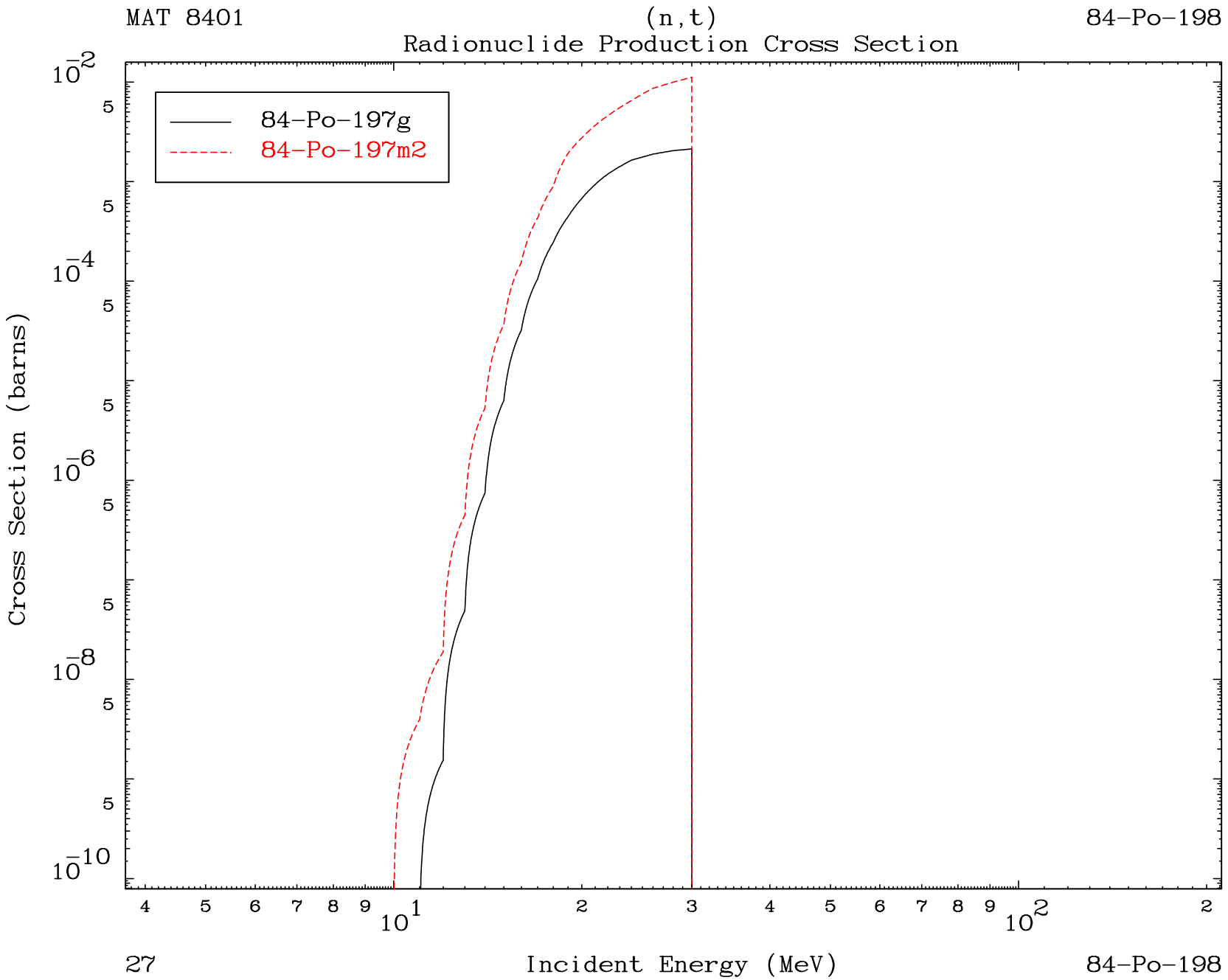

MAT 8401
(n,n') He-3
84-Po-198
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
22
84-Po-198

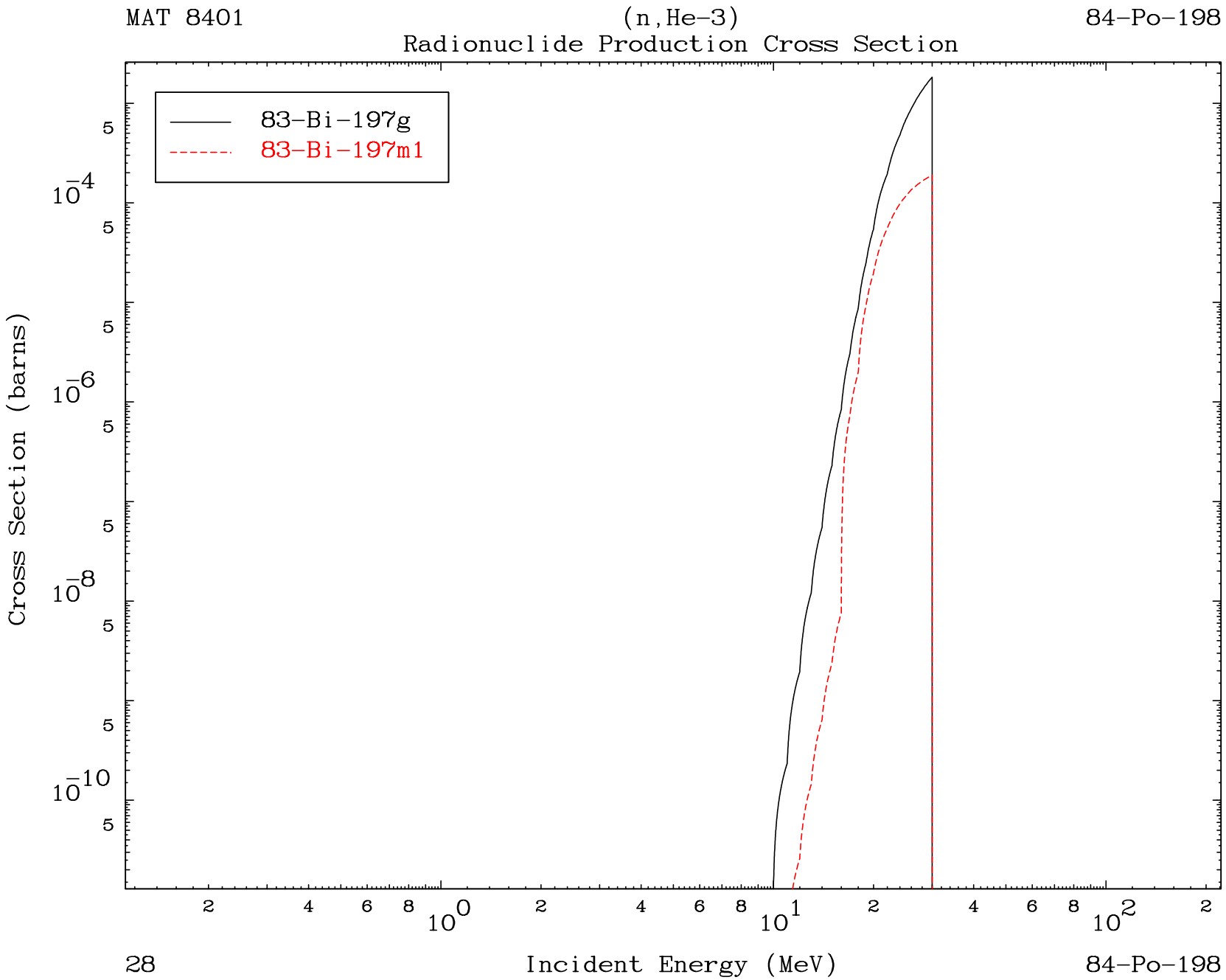

MAT 8401
(n,2n) p
84-Po-198
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
23
Incident Energy (MeV)
84-Po-198

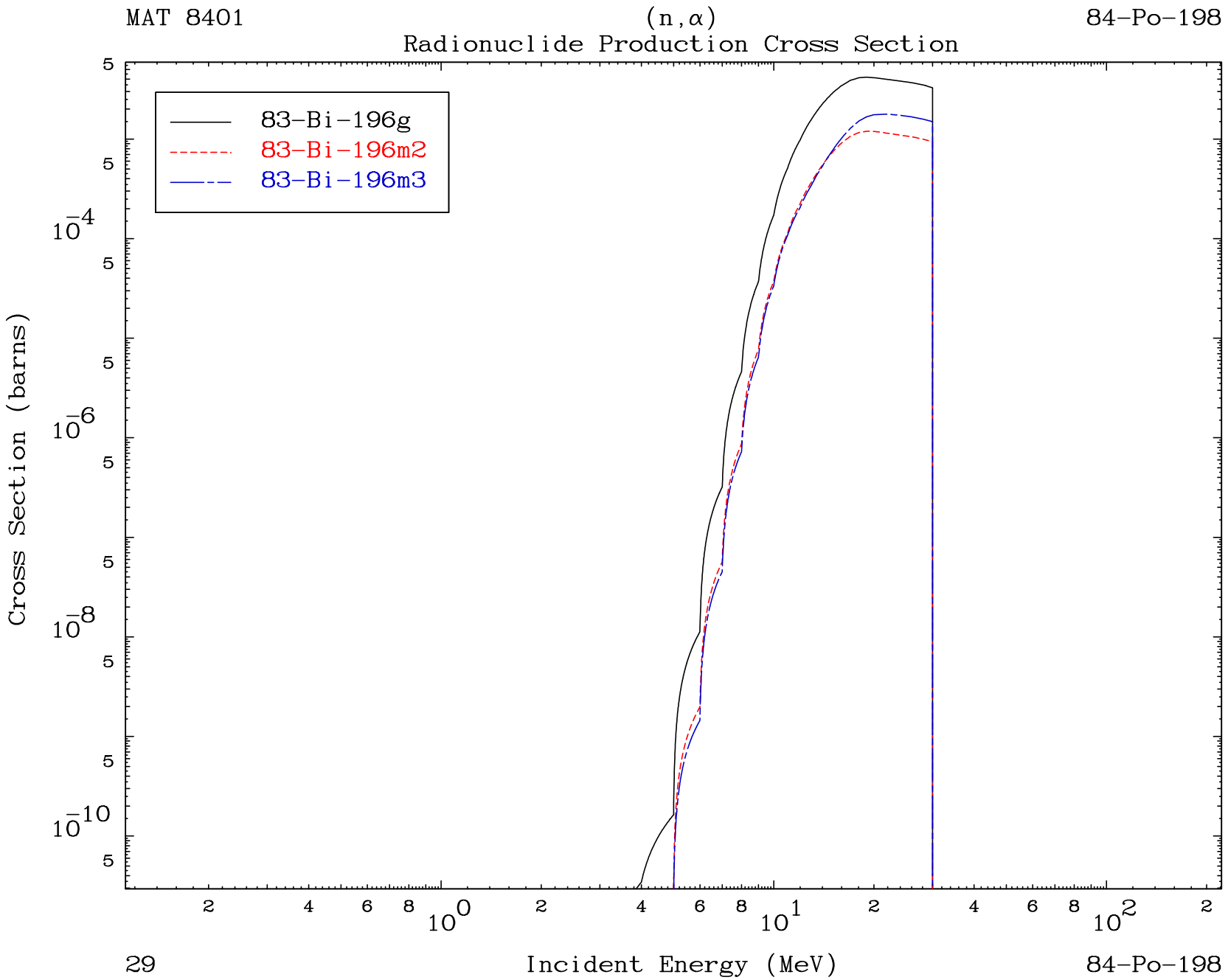

MAT 8401
(n,2n) p
84-Po-198
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
24
84-Po-198

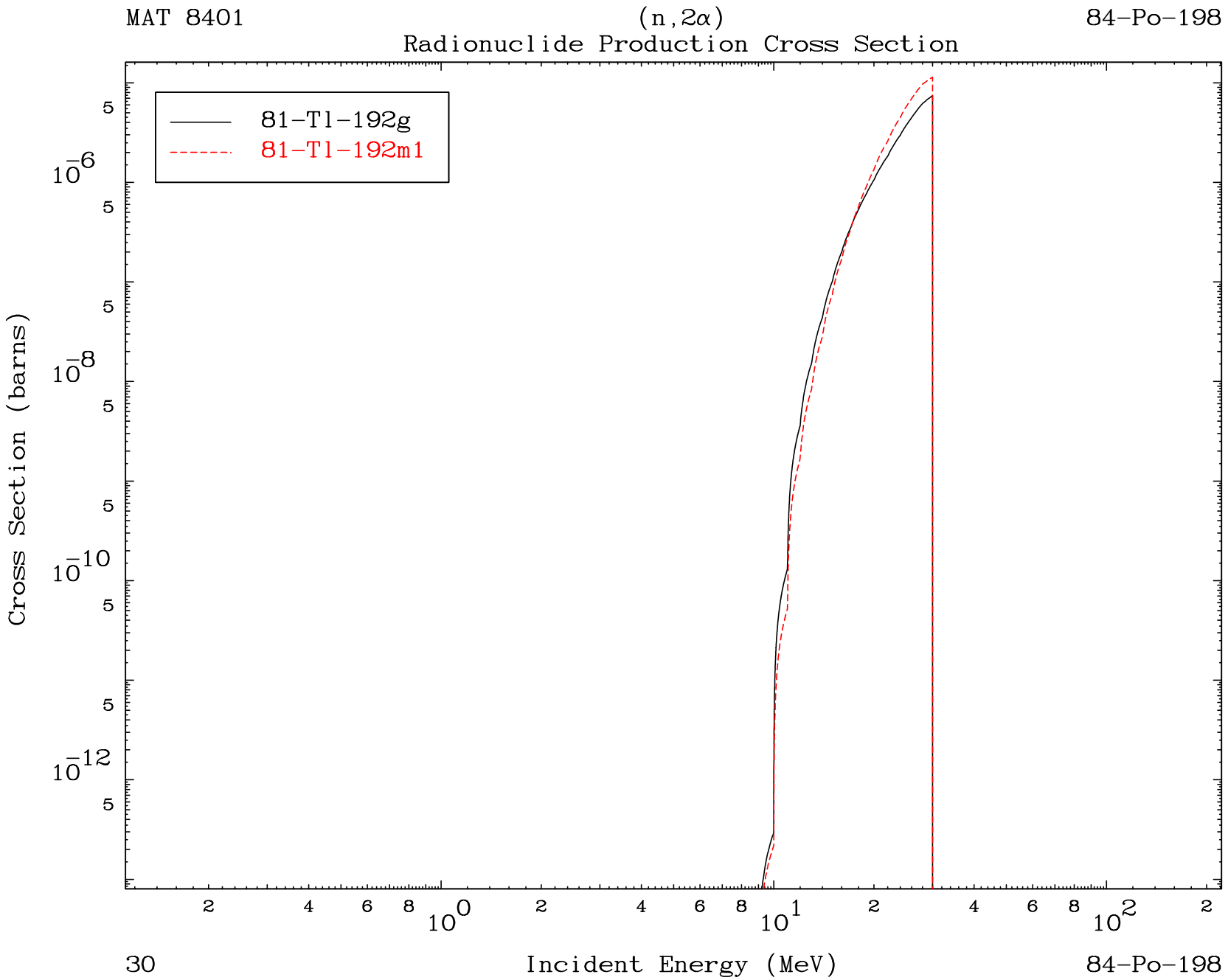

MAT 8401
(n,γ)
84-Po-198
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
25
84-Po-198

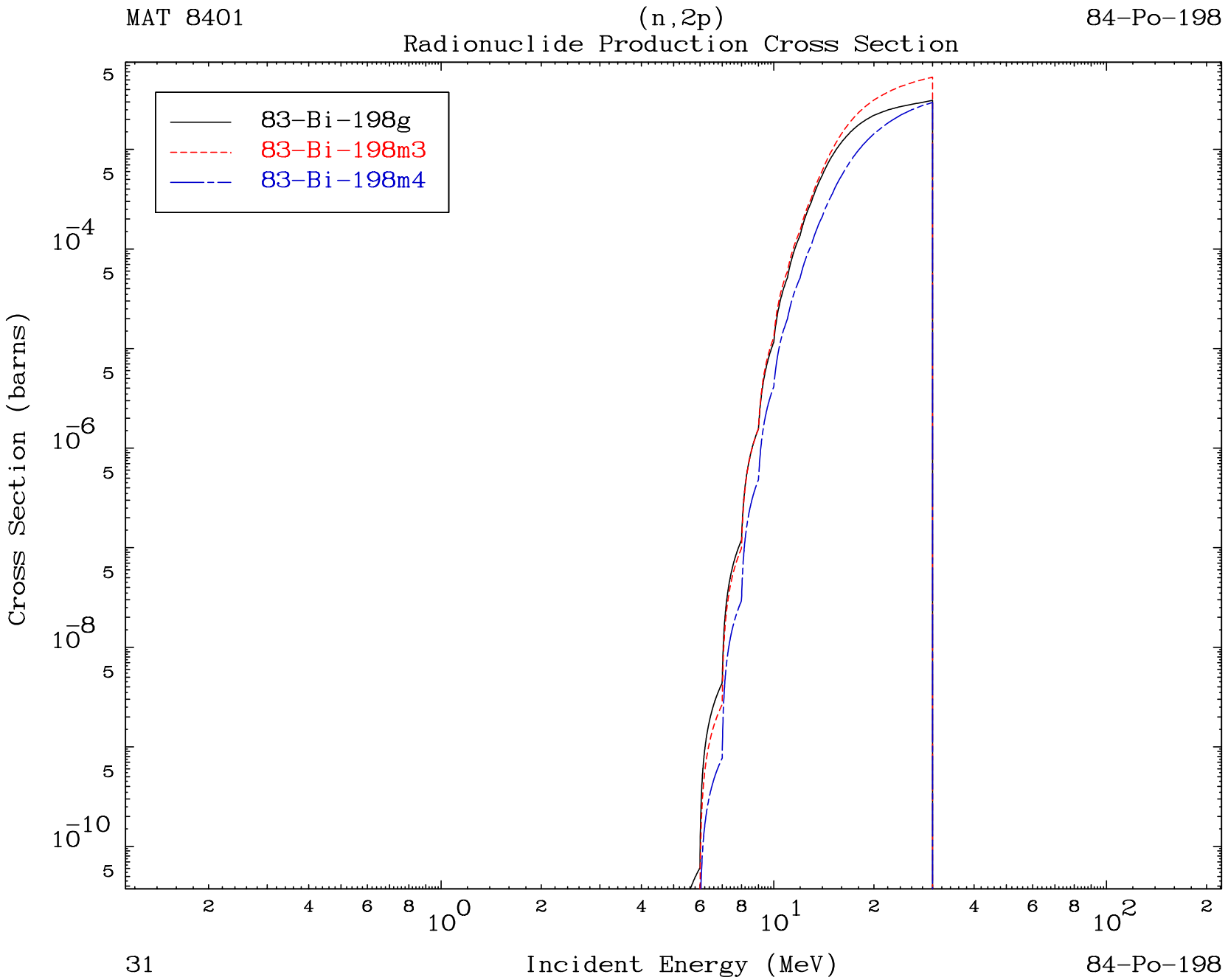

MAT 8401
(n,p)
84-Po-198
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
26
84-Po-198

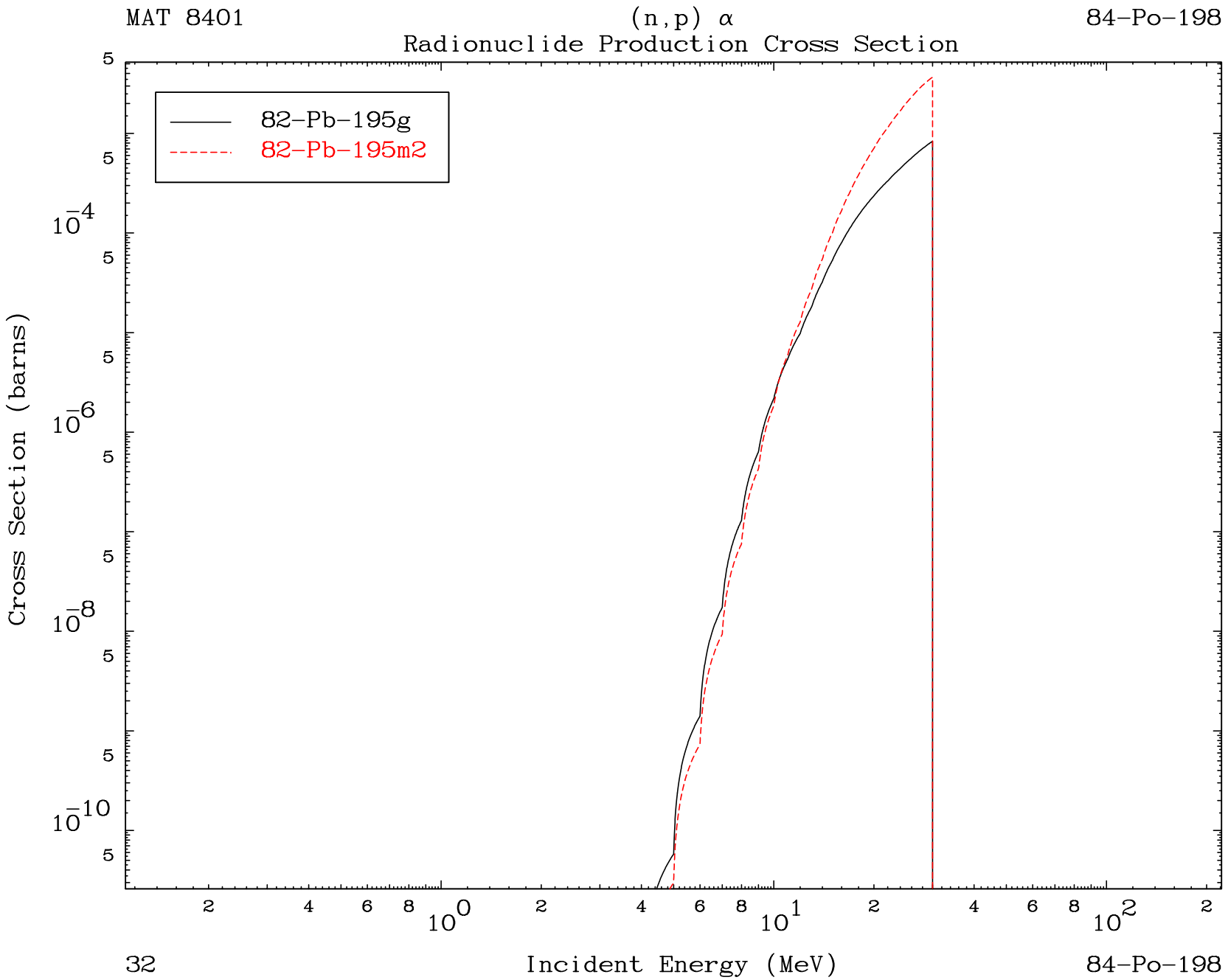

MAT 8401
(n,t)
84-Po-198
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
27
84-Po-198

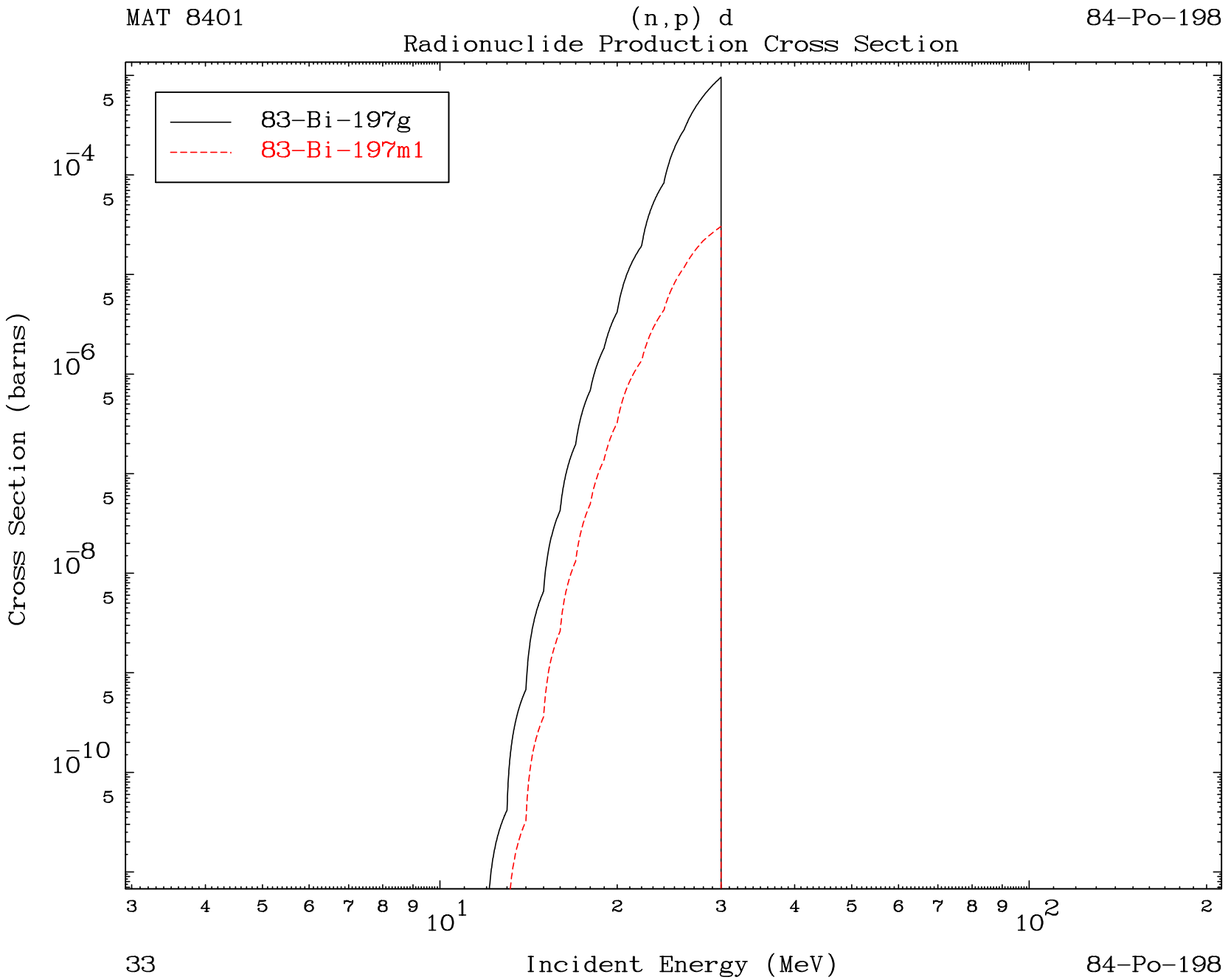

MAT 8401
(n,He-3)
84-Po-198
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
28
84-Po-198

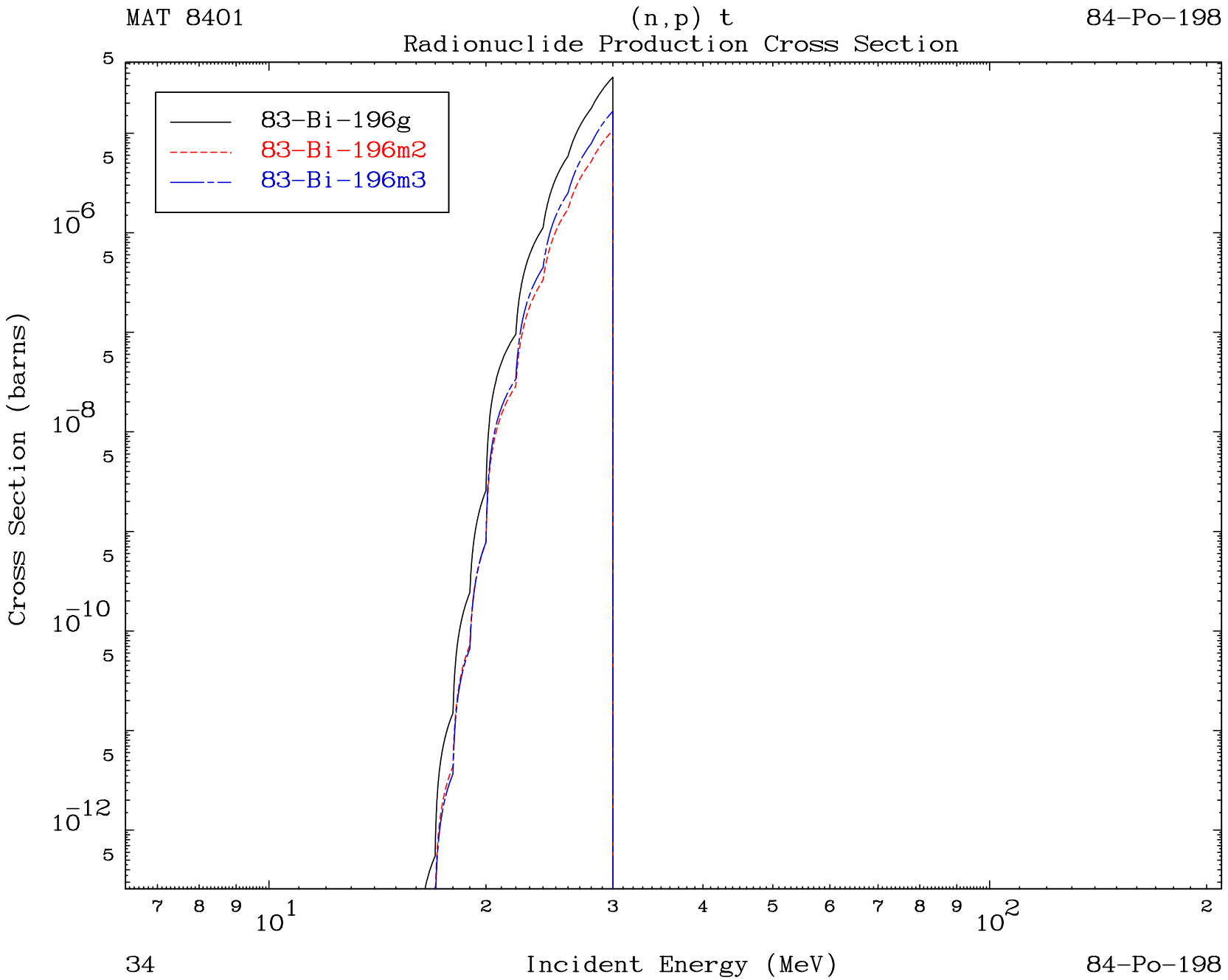

MAT 8401
(n,α)
84-Po-198
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
10-4
10-6
10-8
10-10
10 0
10 1
10 2
Incident Energy (MeV)
29
84-Po-198


MAT 8401
(n,2α)
84-Po-198
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
30
84-Po-198


MAT 8401
(n,2p)
84-Po-198
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
31
84-Po-198


MAT 8401
(n,p) α
84-Po-198
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
32
84-Po-198


MAT 8401
(n,p) d
84-Po-198
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
10-4
10-6
10-8
10-10
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
33
Incident Energy (MeV)
84-Po-198


MAT 8401
(n,p) t
84-Po-198
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
34
84-Po-198