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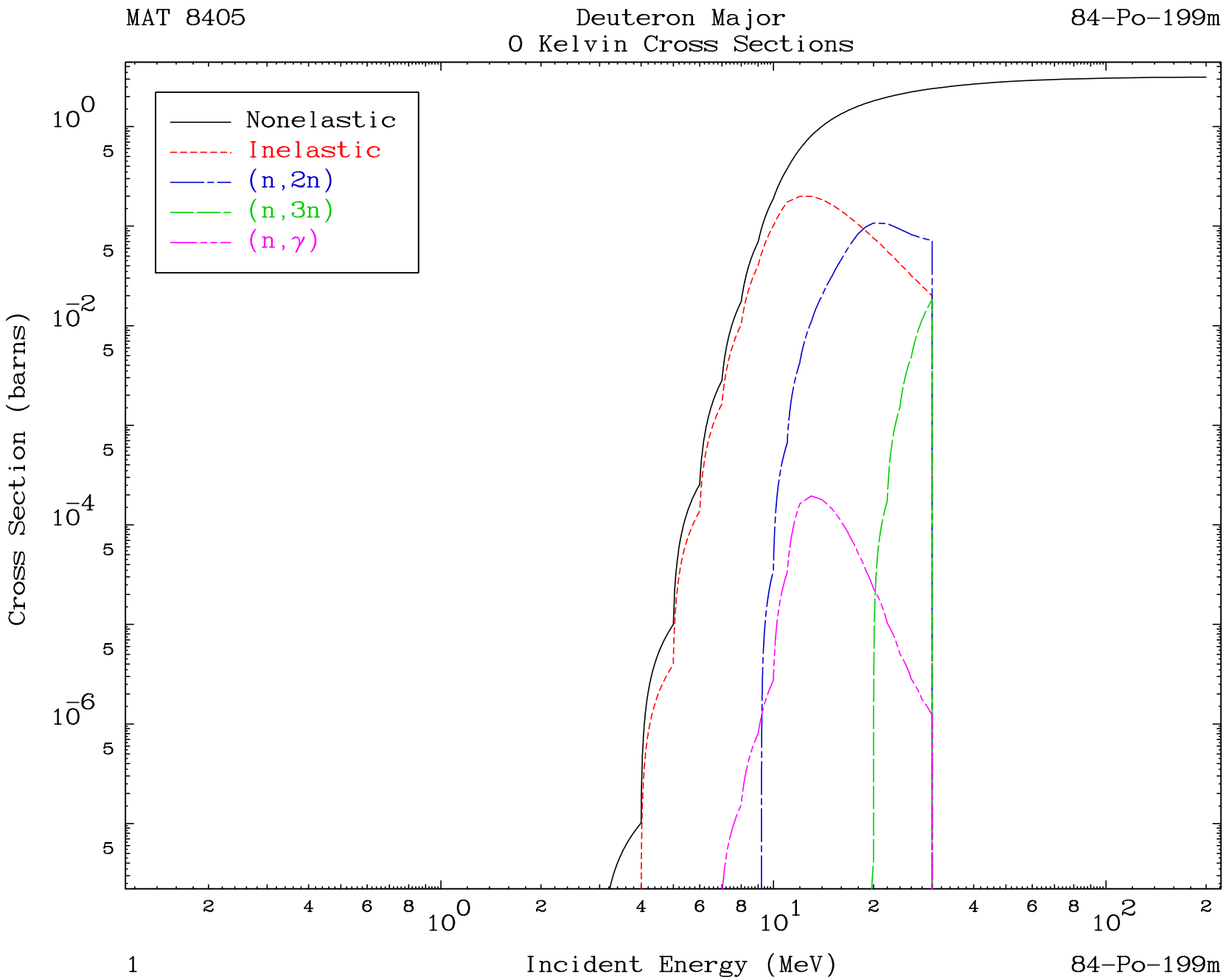
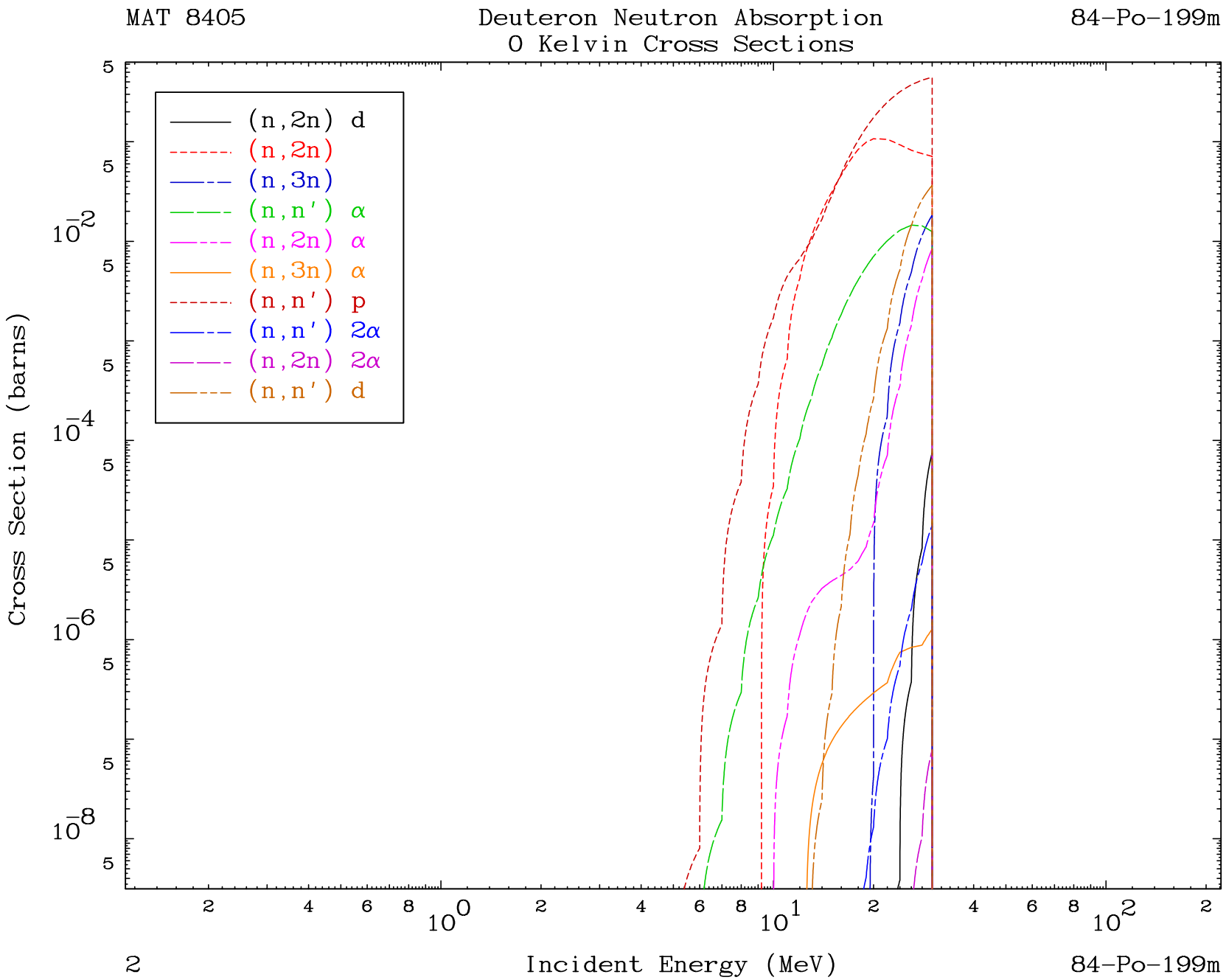
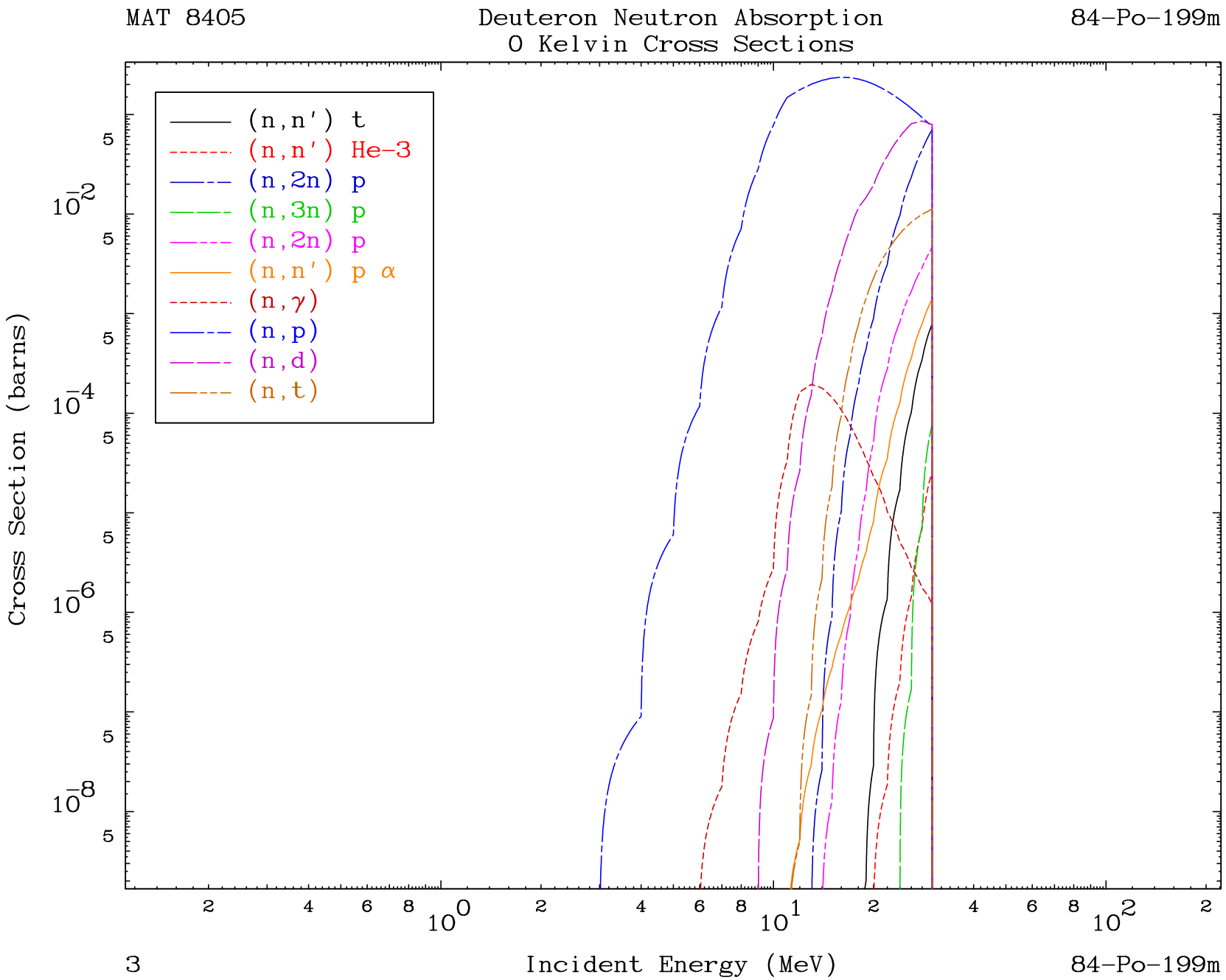
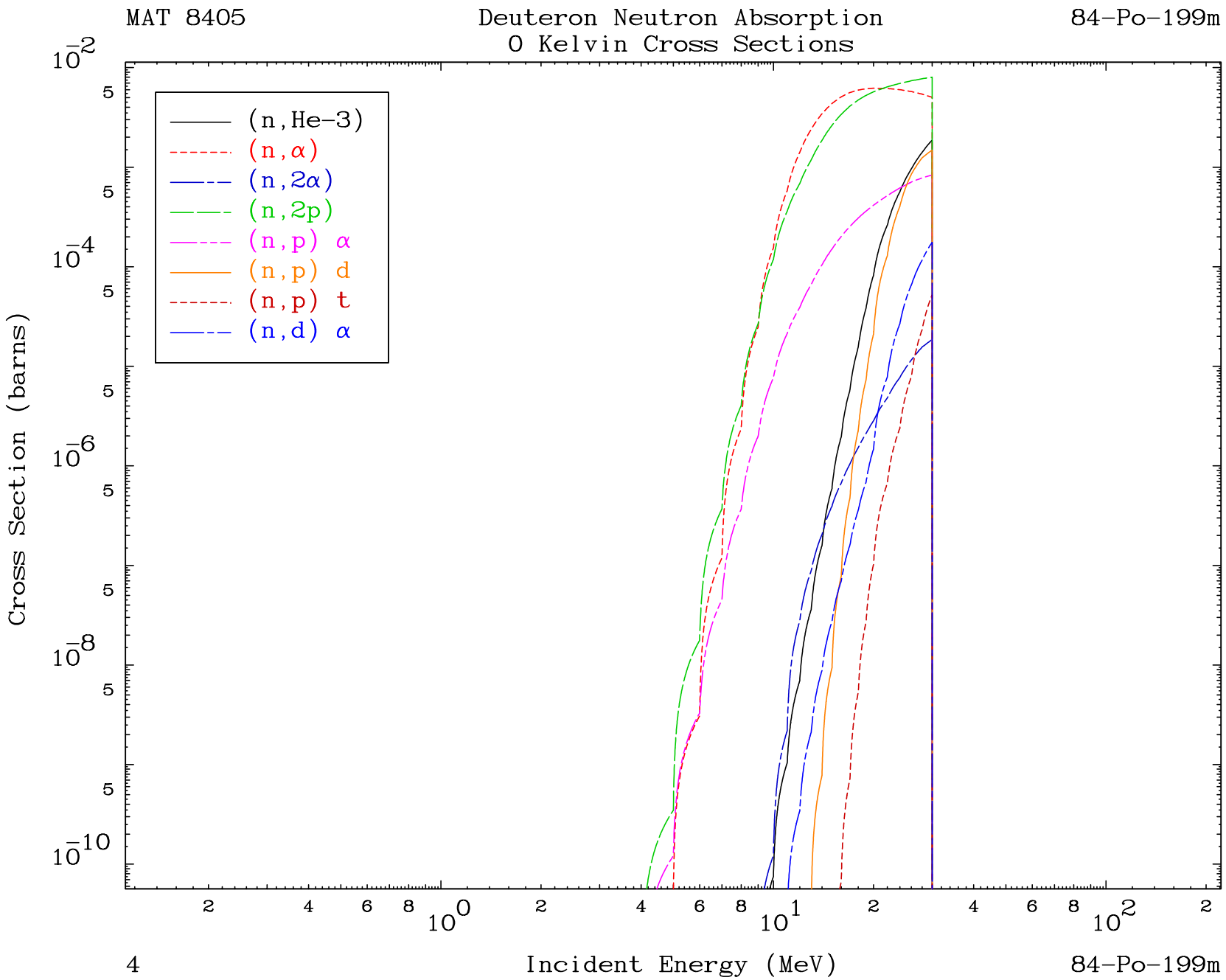
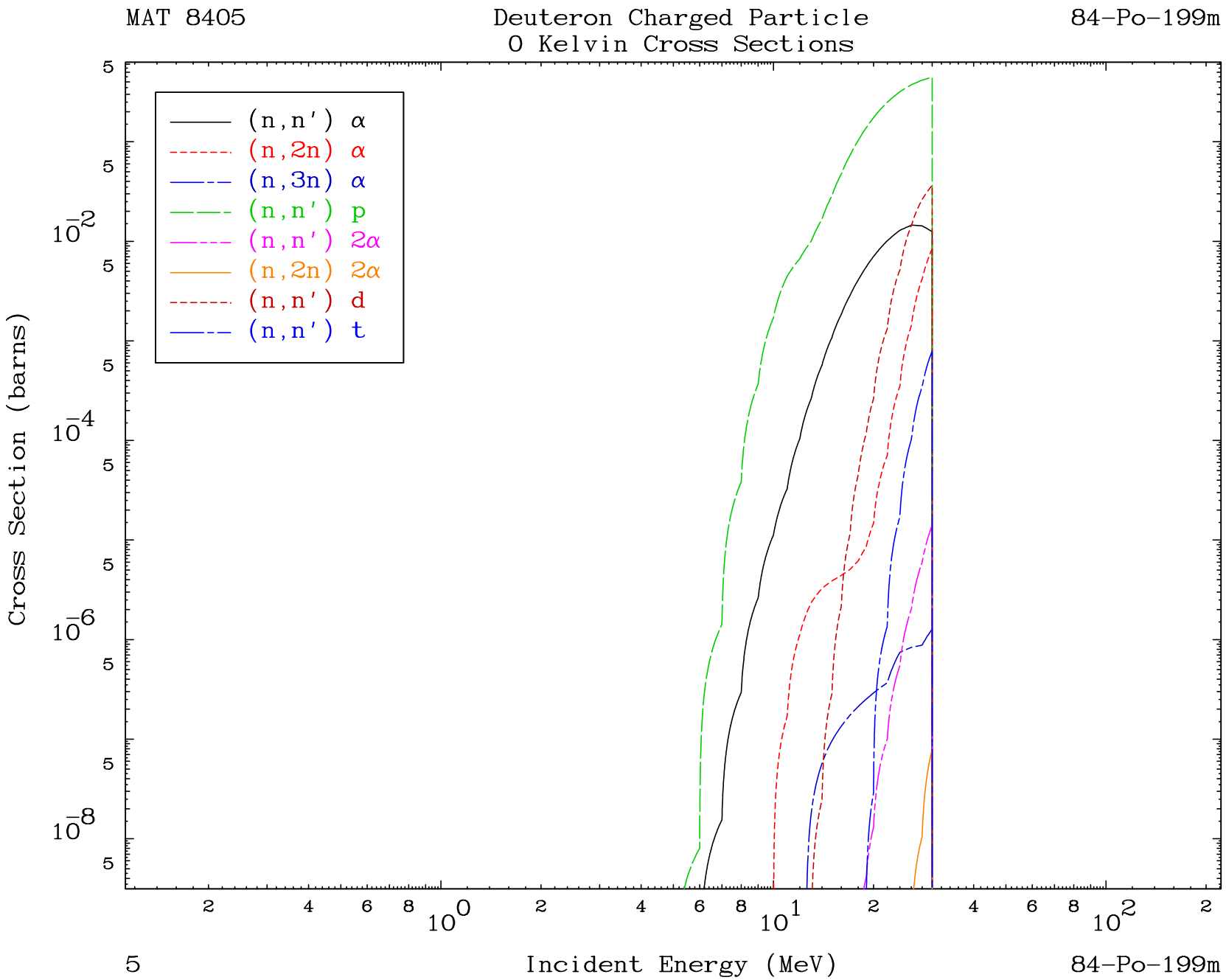
Press Mouse Button to Start

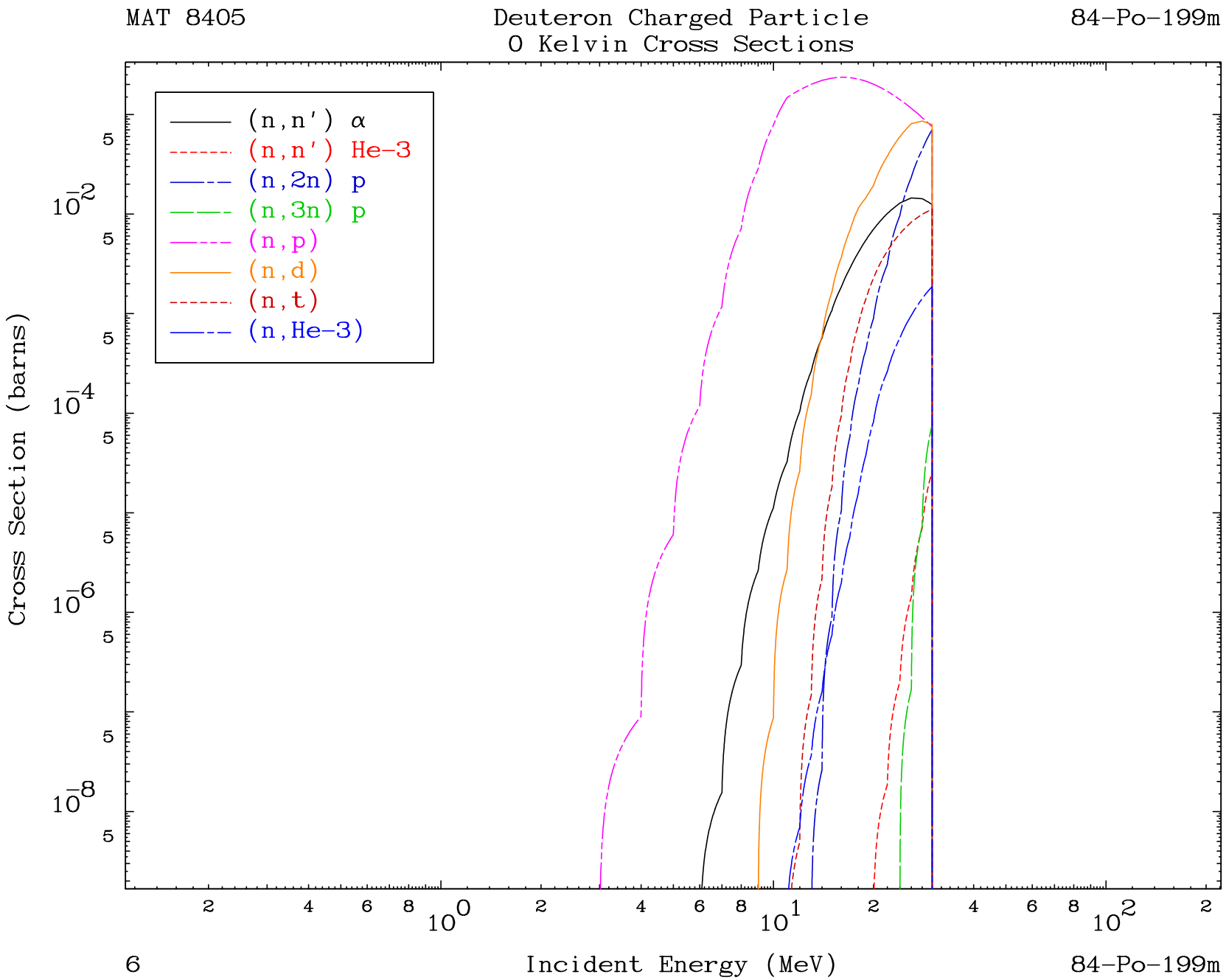

MAT 8405
Deuteron Major
84-Po-199m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-199m
1

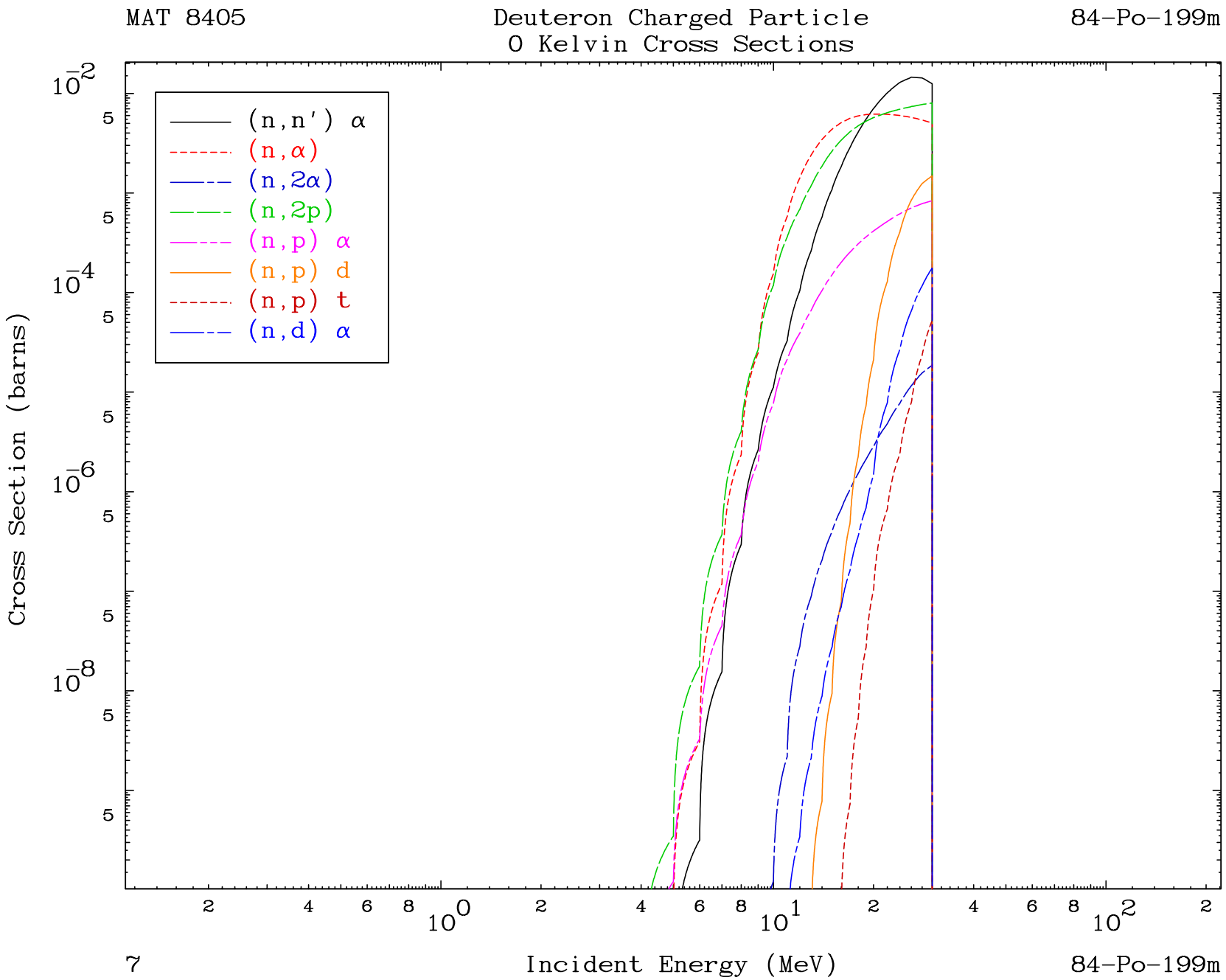

MAT 8405
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-199m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
84-Po-199m
2

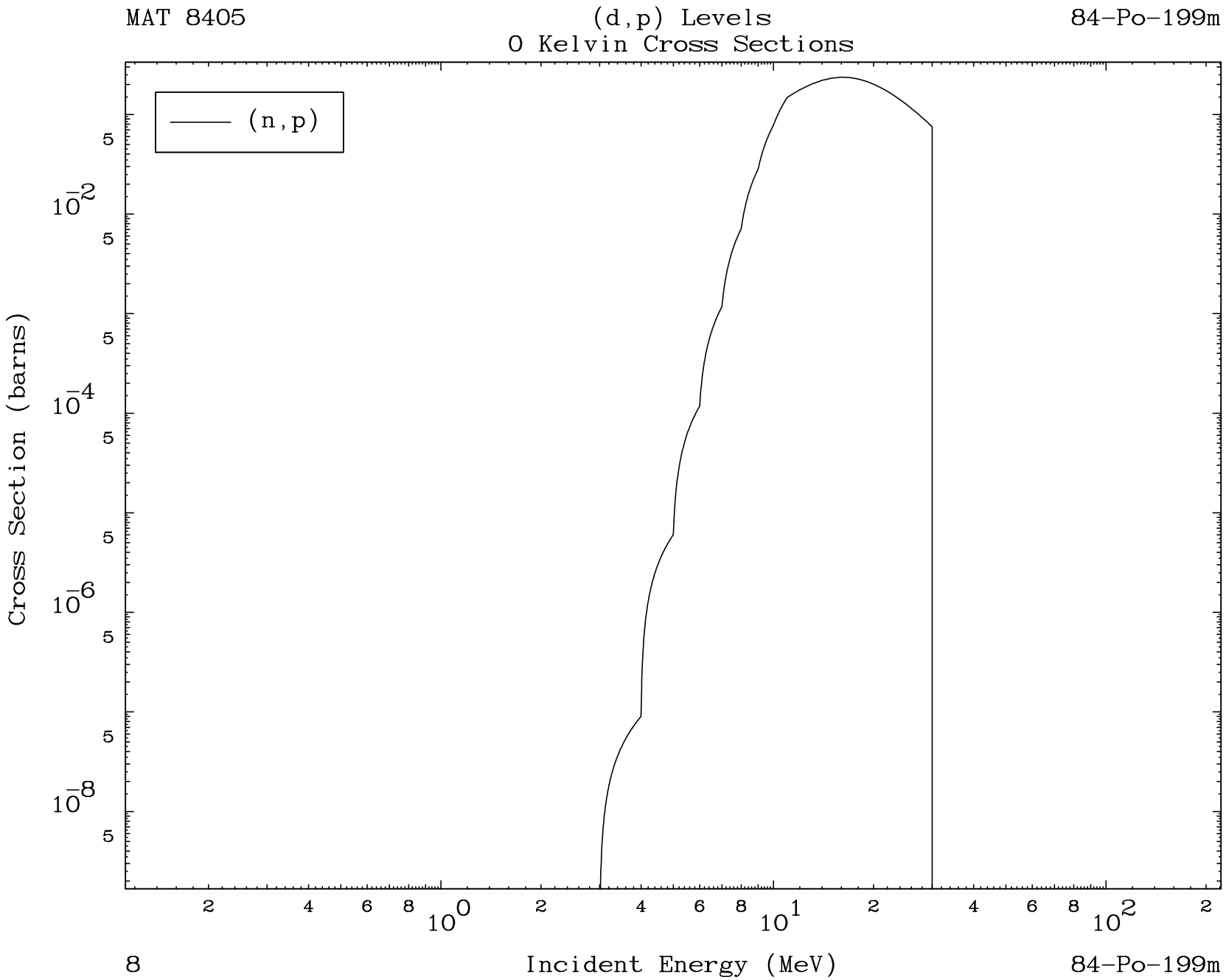

MAT 8405
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-199m
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-199m

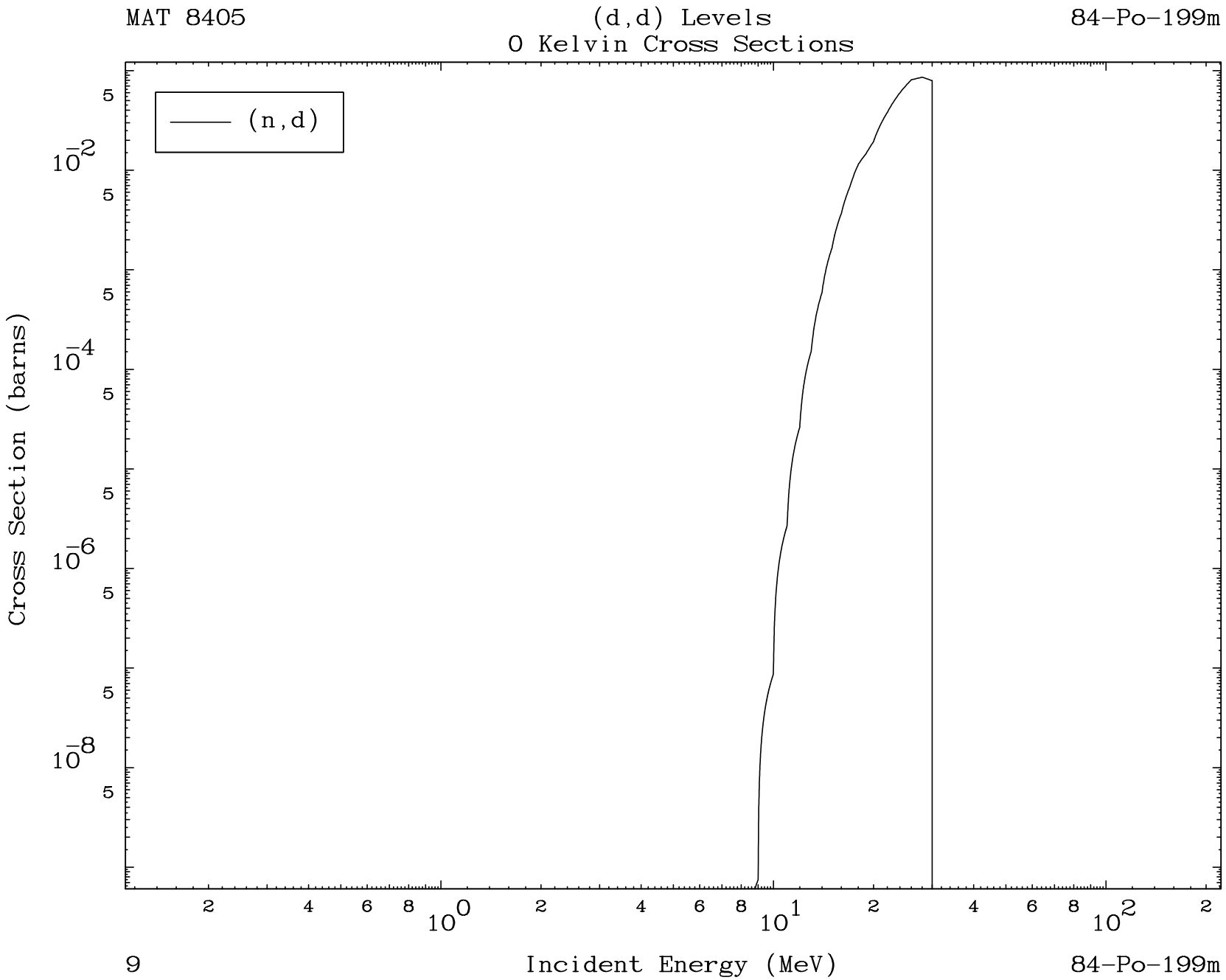

MAT 8405
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-199m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-199m
4

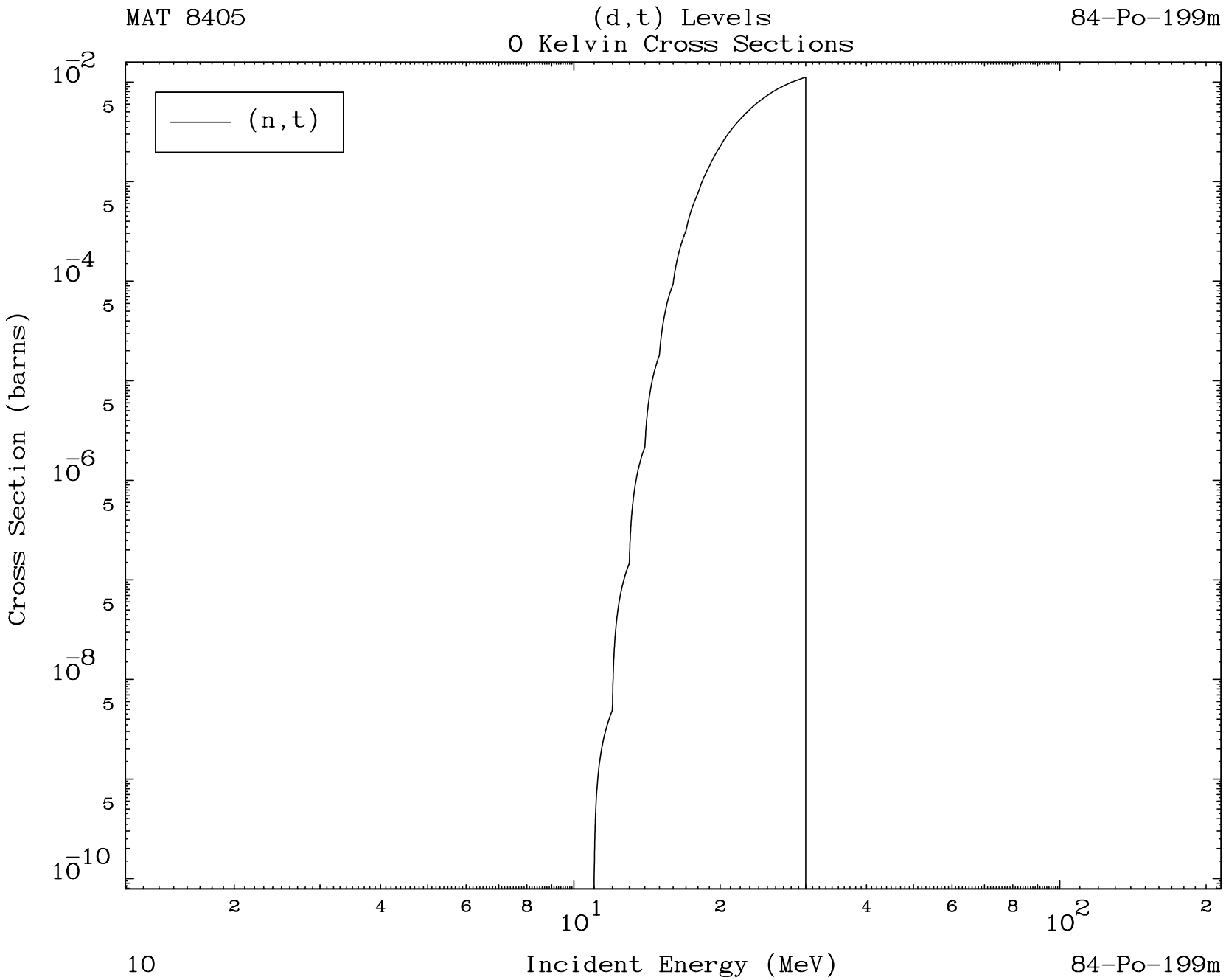

MAT 8405
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-199m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
84-Po-199m

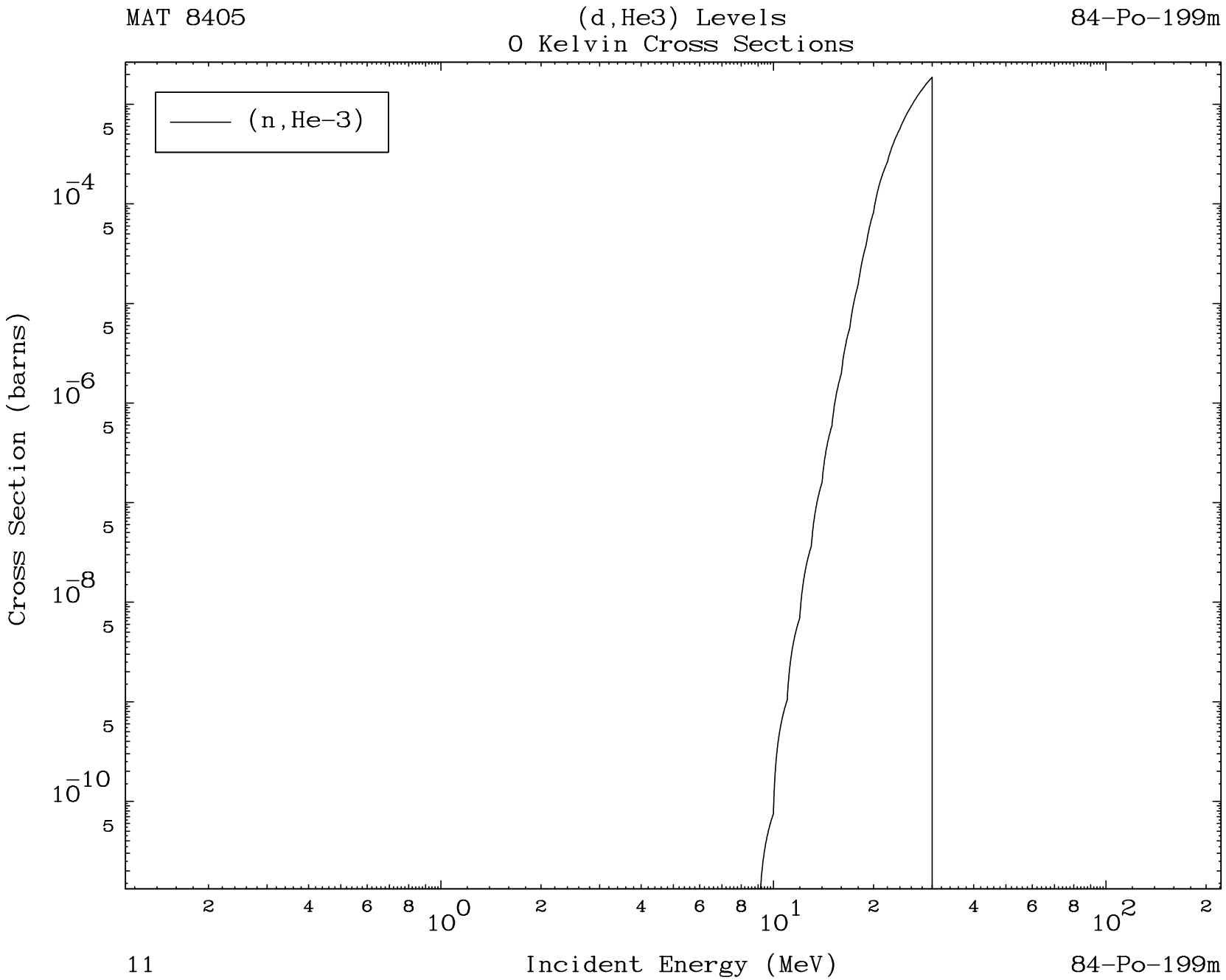

MAT 8405
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-199m
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
84-Po-199m

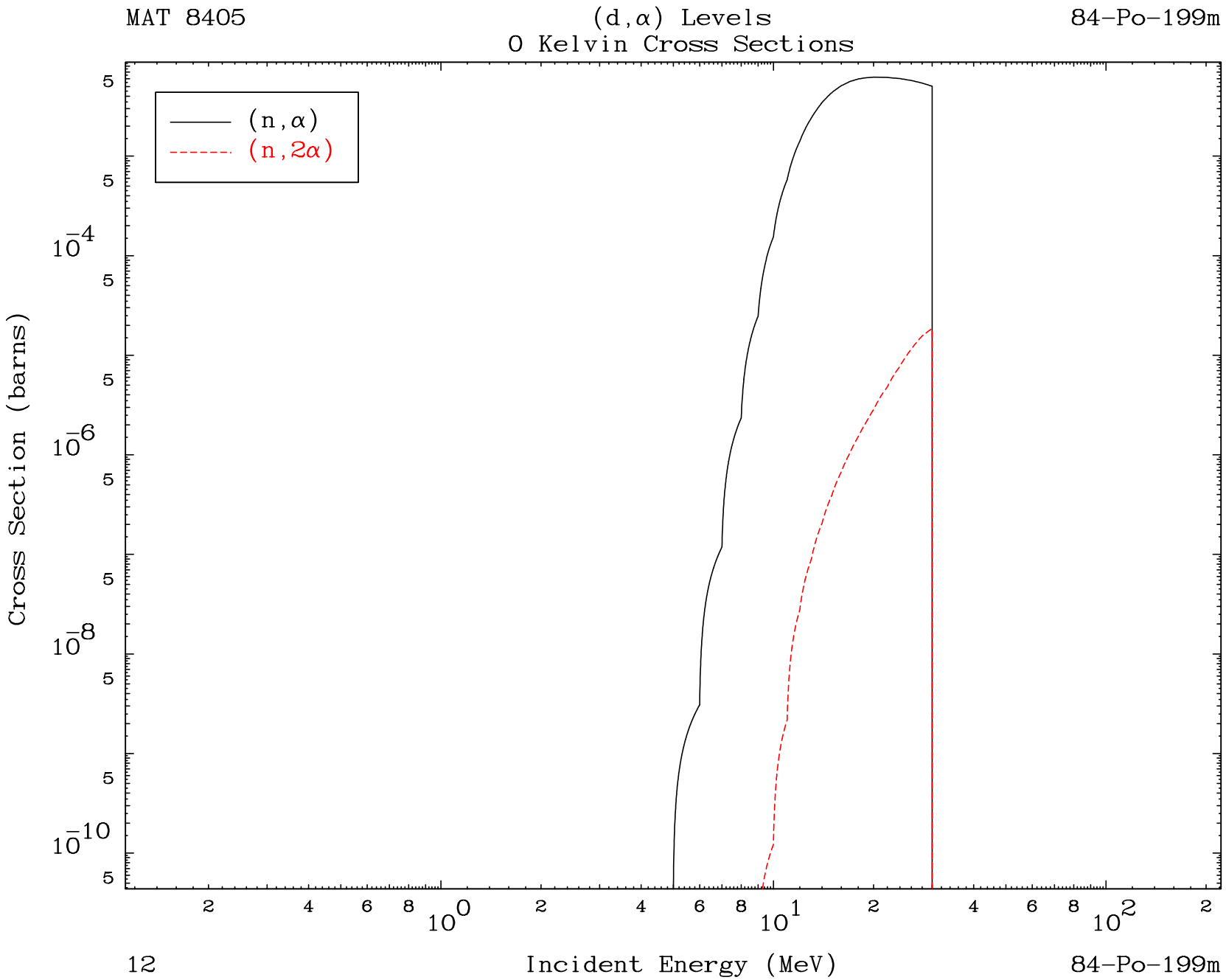

MAT 8405
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-199m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
84-Po-199m

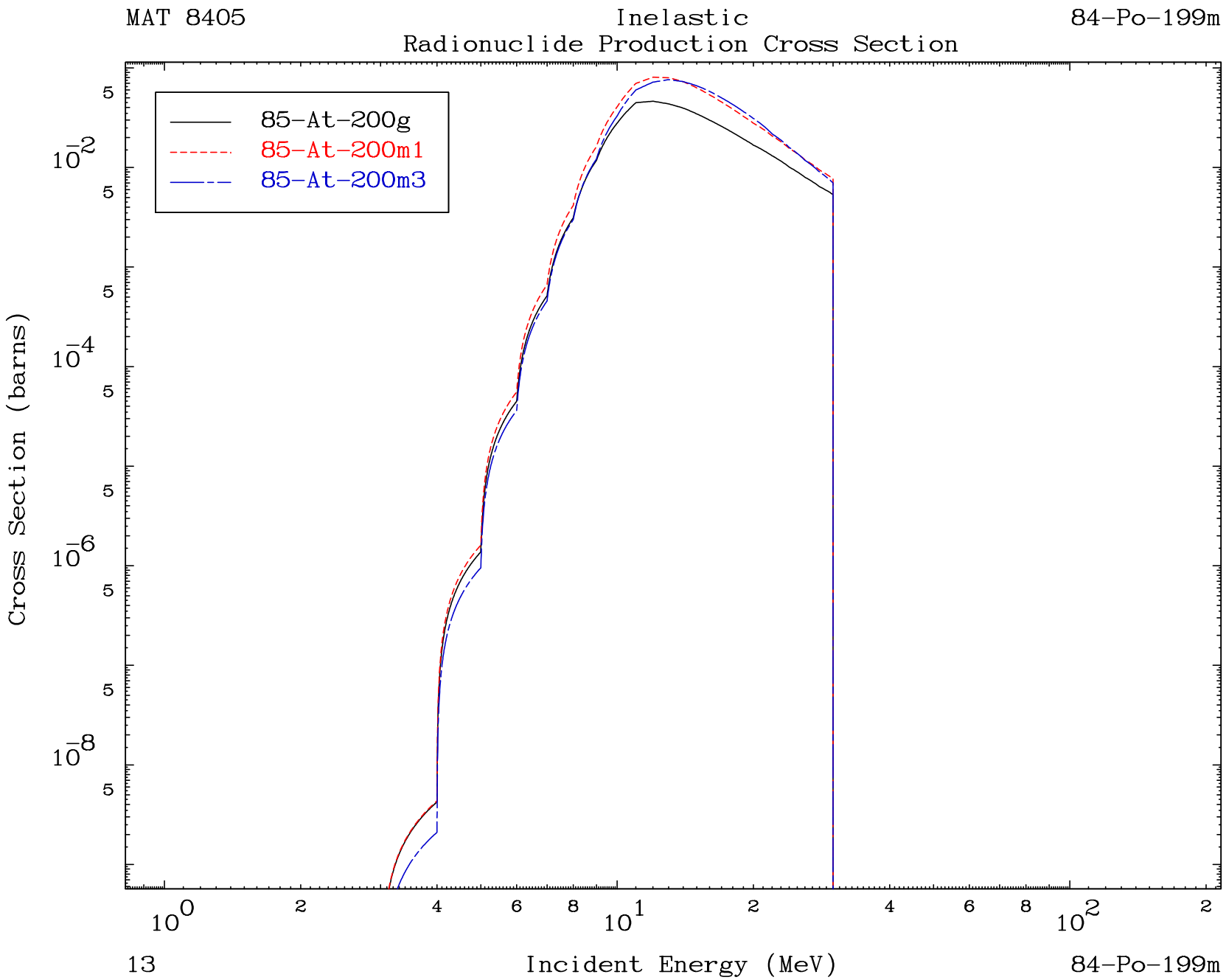

MAT 8405
(d,p) Levels
84-Po-199m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
84-Po-199m

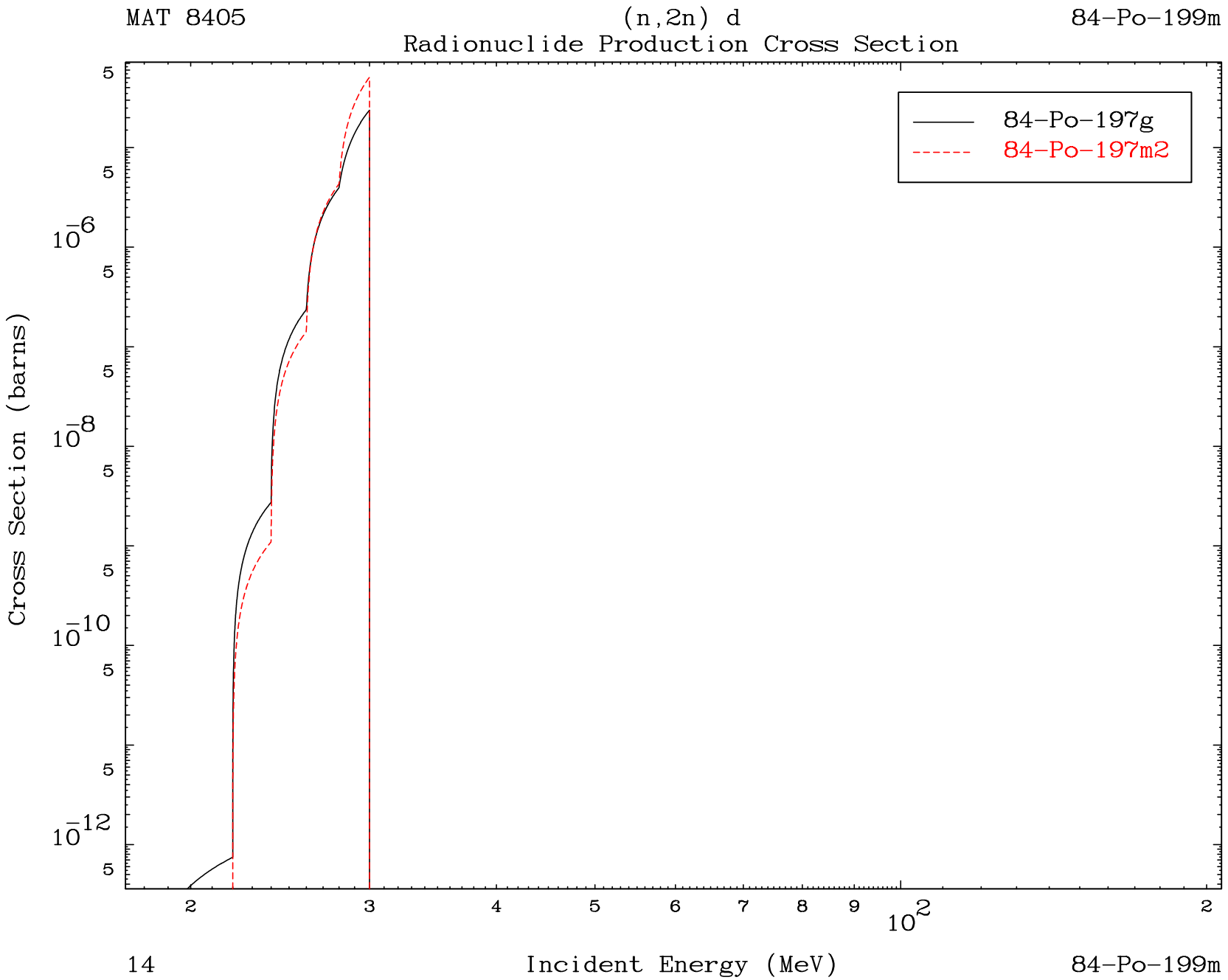

MAT 8405
(d,d) Levels
84-Po-199m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
84-Po-199m

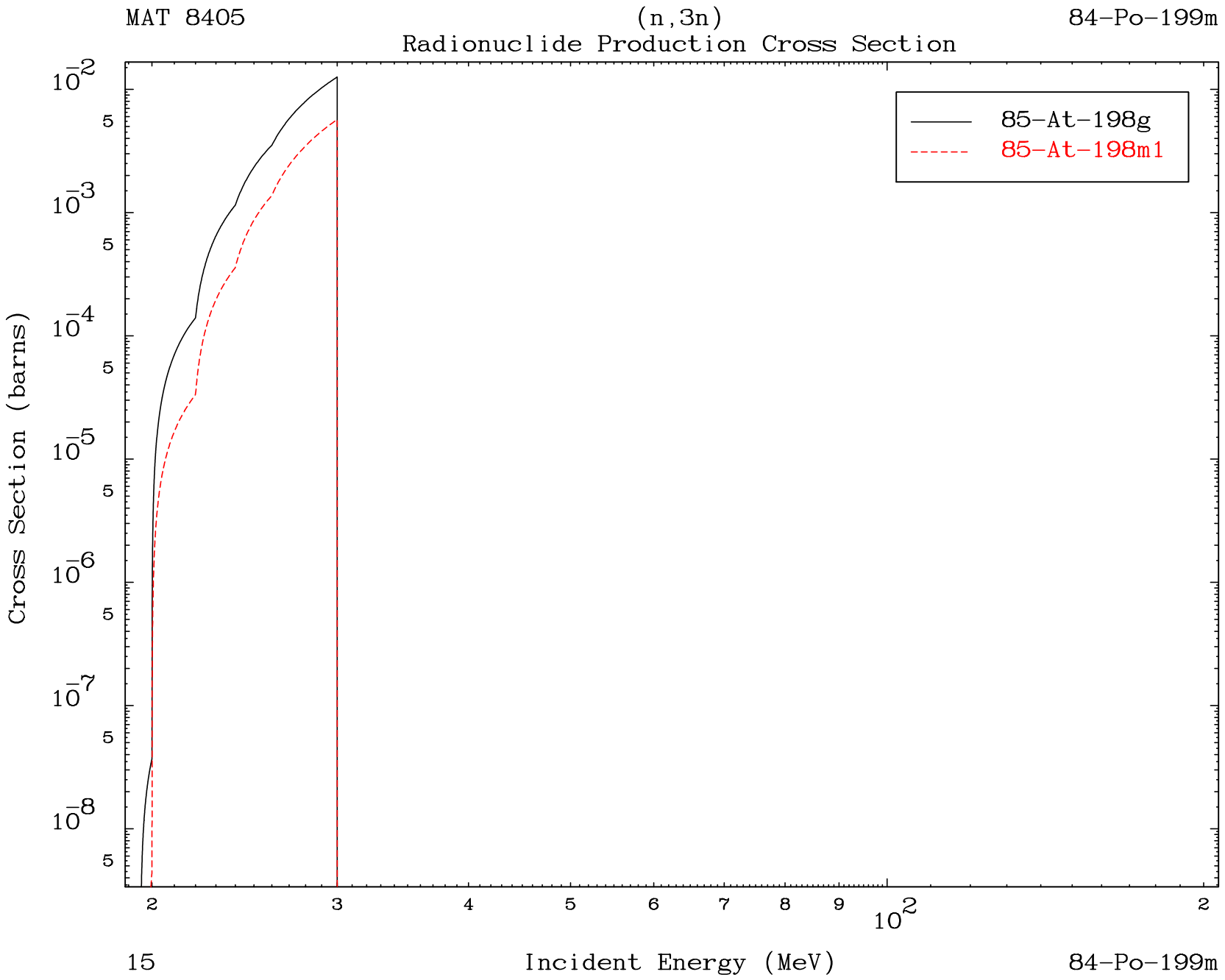

MAT 8405
(d,t) Levels
84-Po-199m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
84-Po-199m

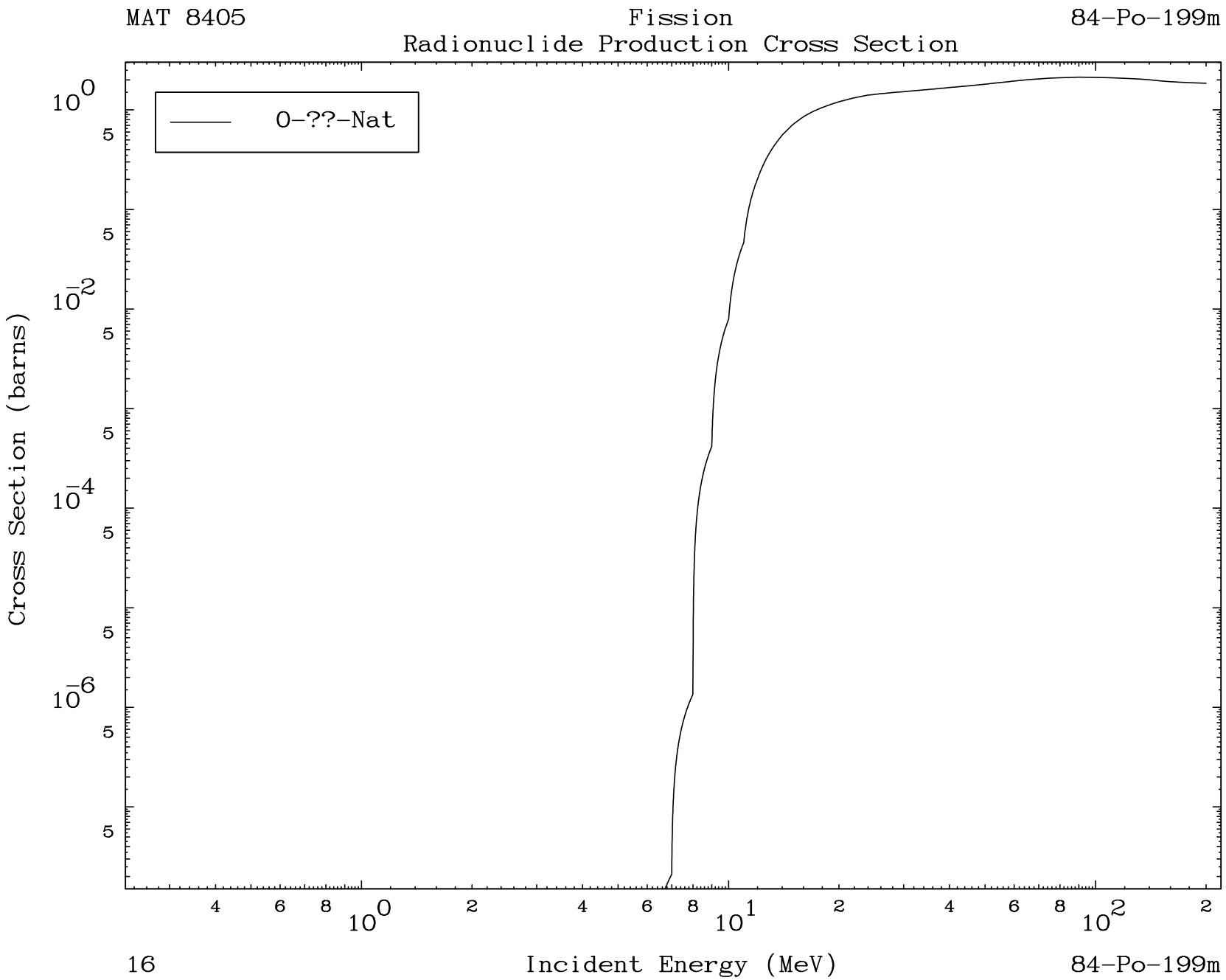

MAT 8405
(d,He3) Levels
0 Kelvin Cross Sections
84-Po-199m
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
84-Po-199m

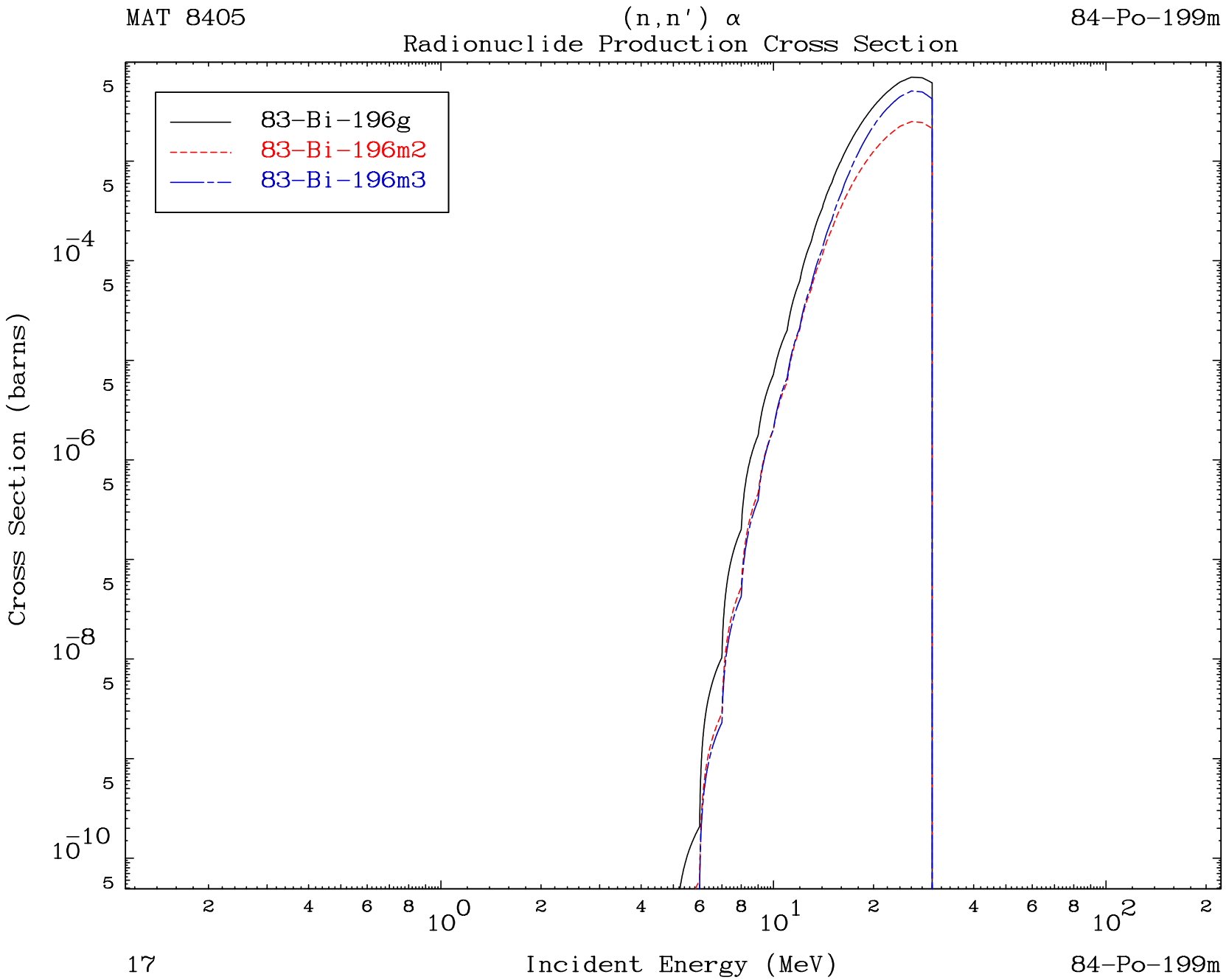

MAT 8405
(d,α) Levels
84-Po-199m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
12
84-Po-199m

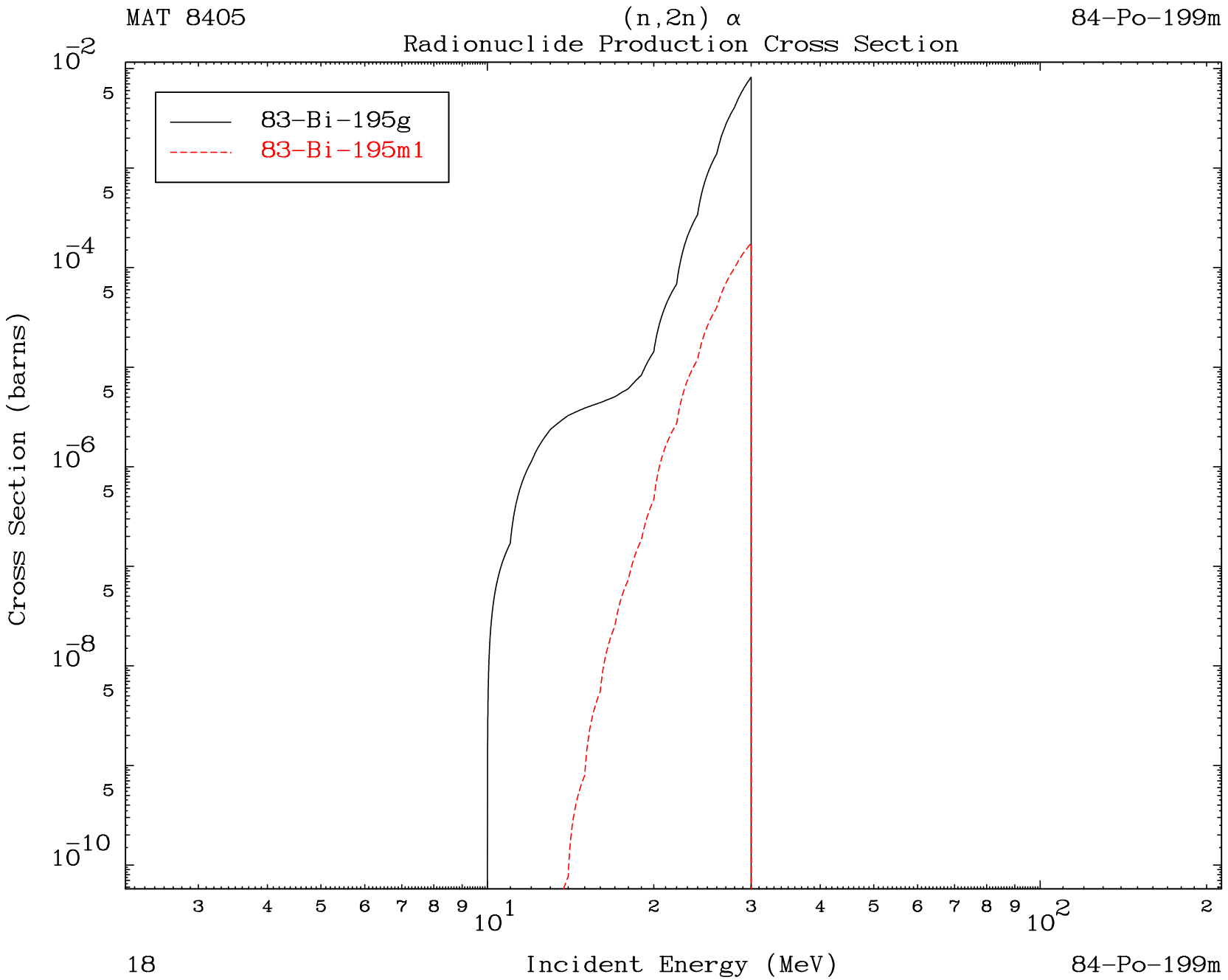

MAT 8405
Inelastic
84-Po-199m
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
13
84-Po-199m

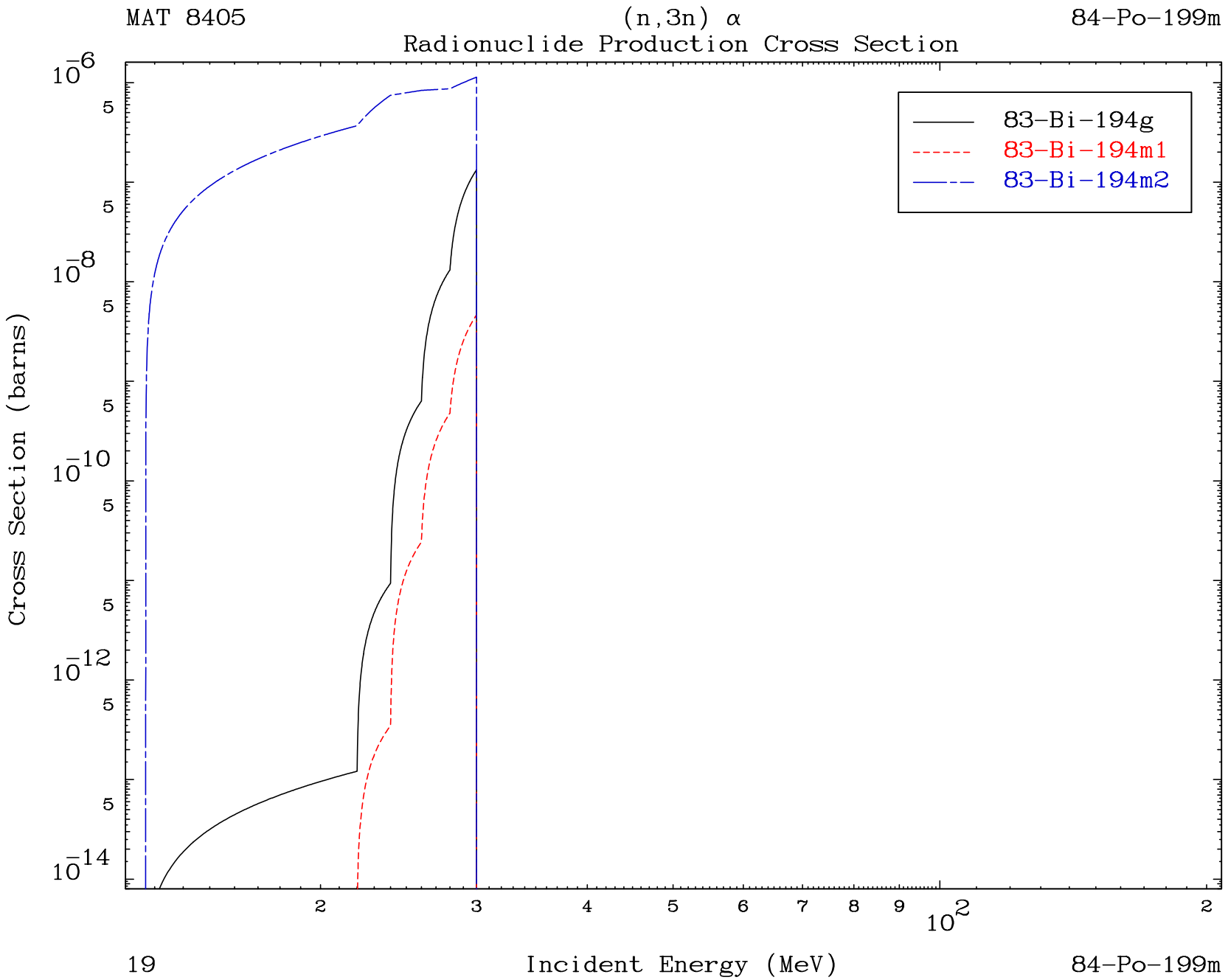

MAT 8405
(n,2n) d
84-Po-199m
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
84-Po-199m

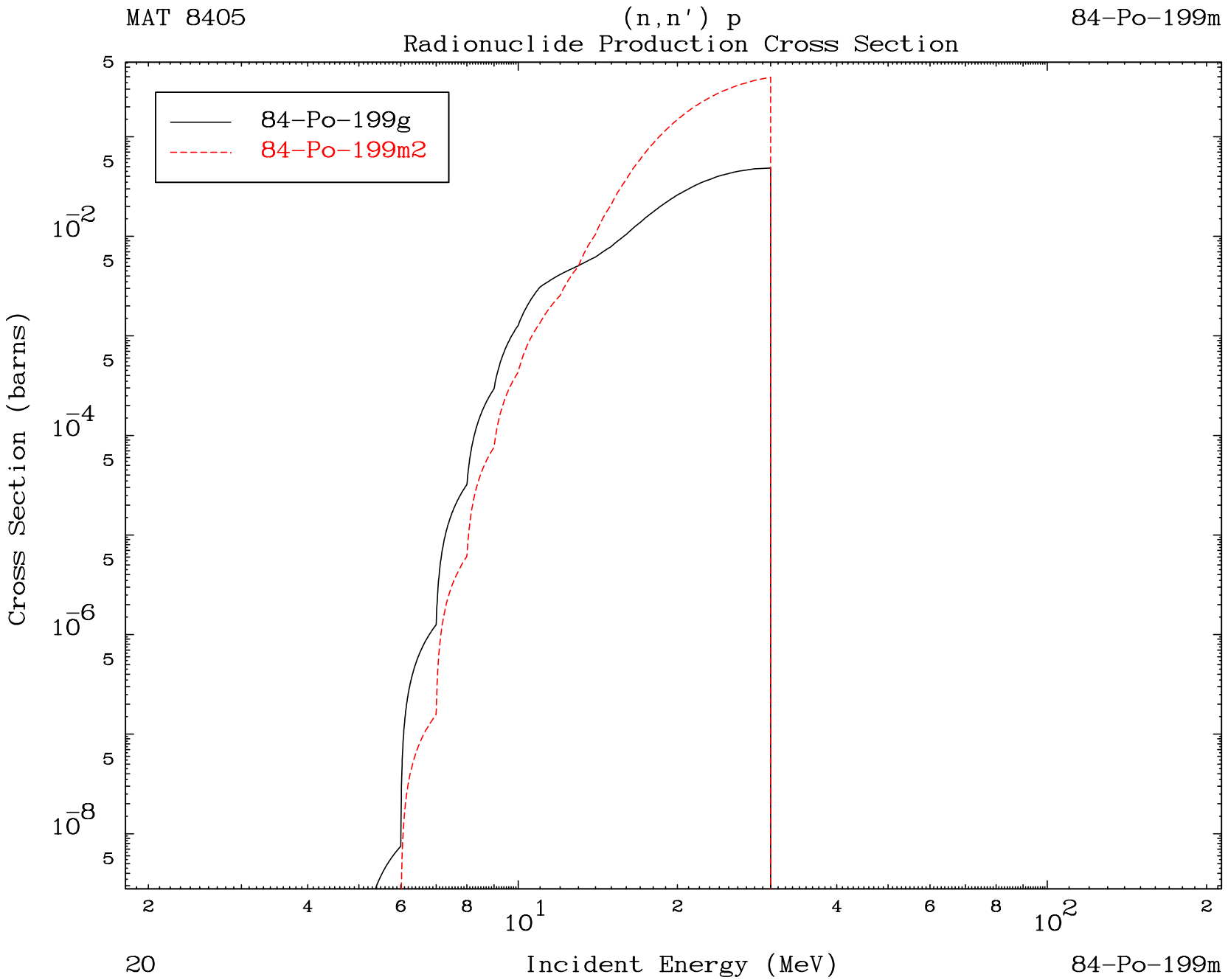

MAT 8405
(n,3n)
84-Po-199m
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
Incident Energy (MeV)
15
84-Po-199m

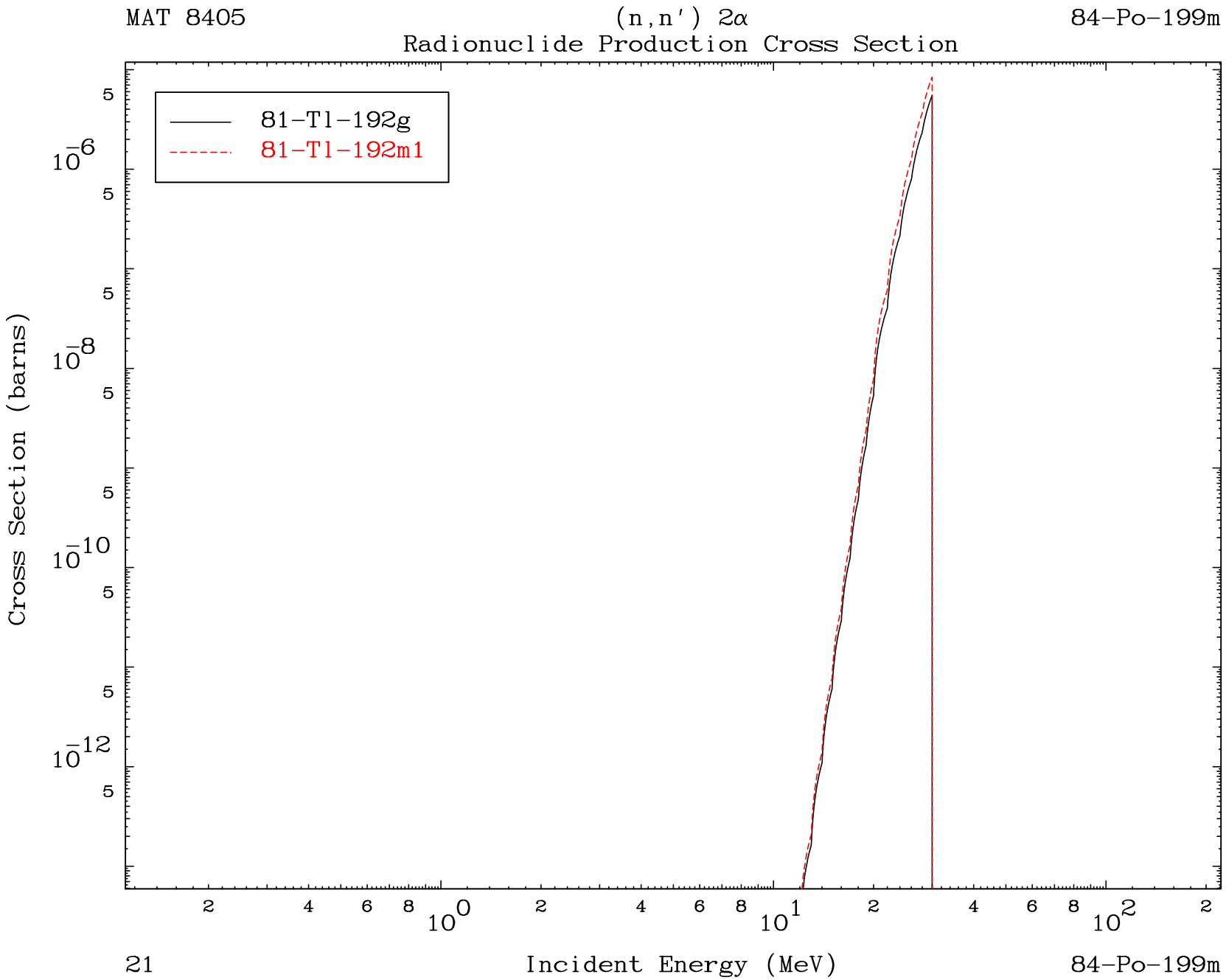

MAT 8405
Fission
84-Po-199m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
16
84-Po-199m

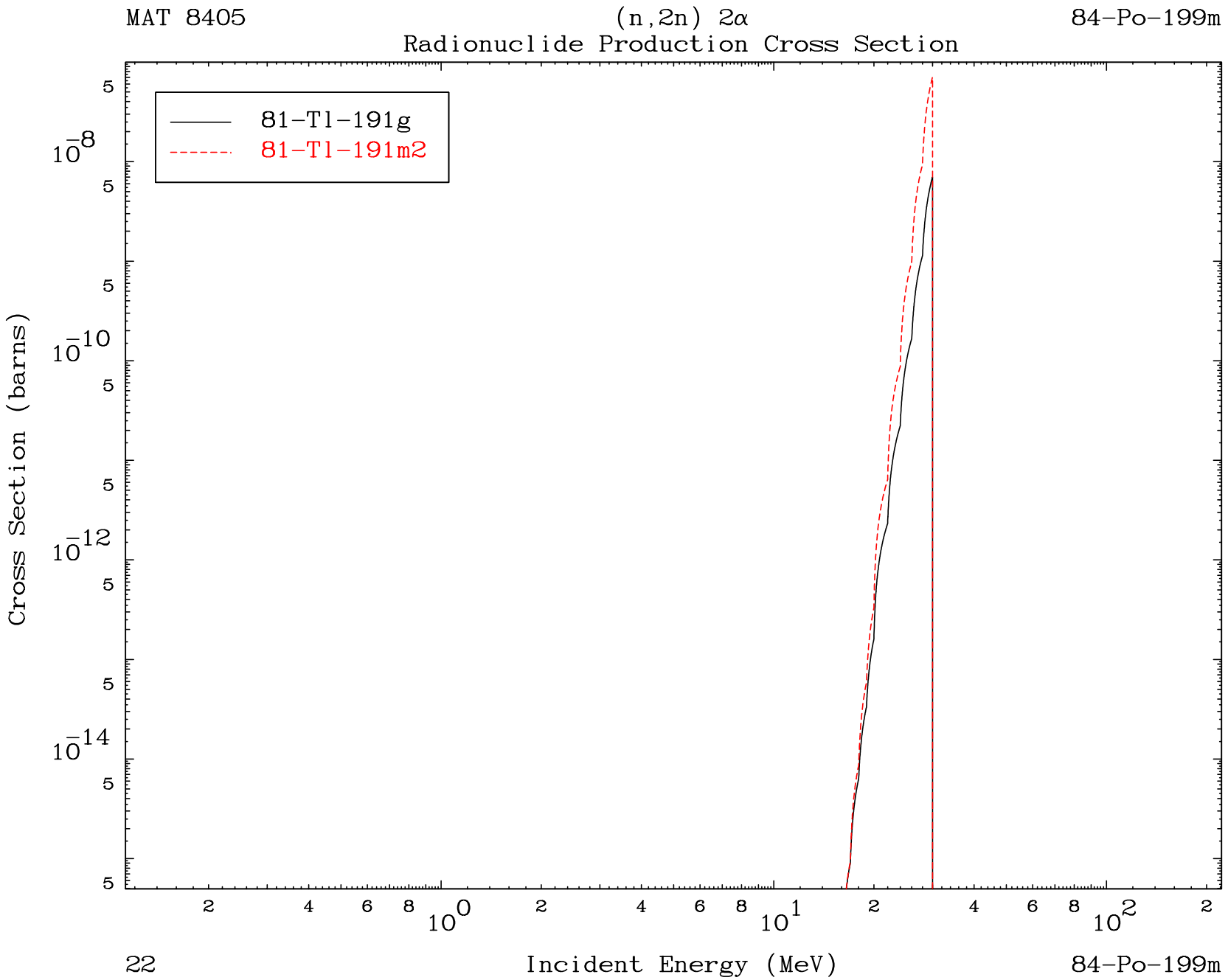

MAT 8405
(n,n') α
84-Po-199m
Radionuclide Production Cross Section
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
Cross Section (barns)
Incident Energy (MeV)
17
84-Po-199m

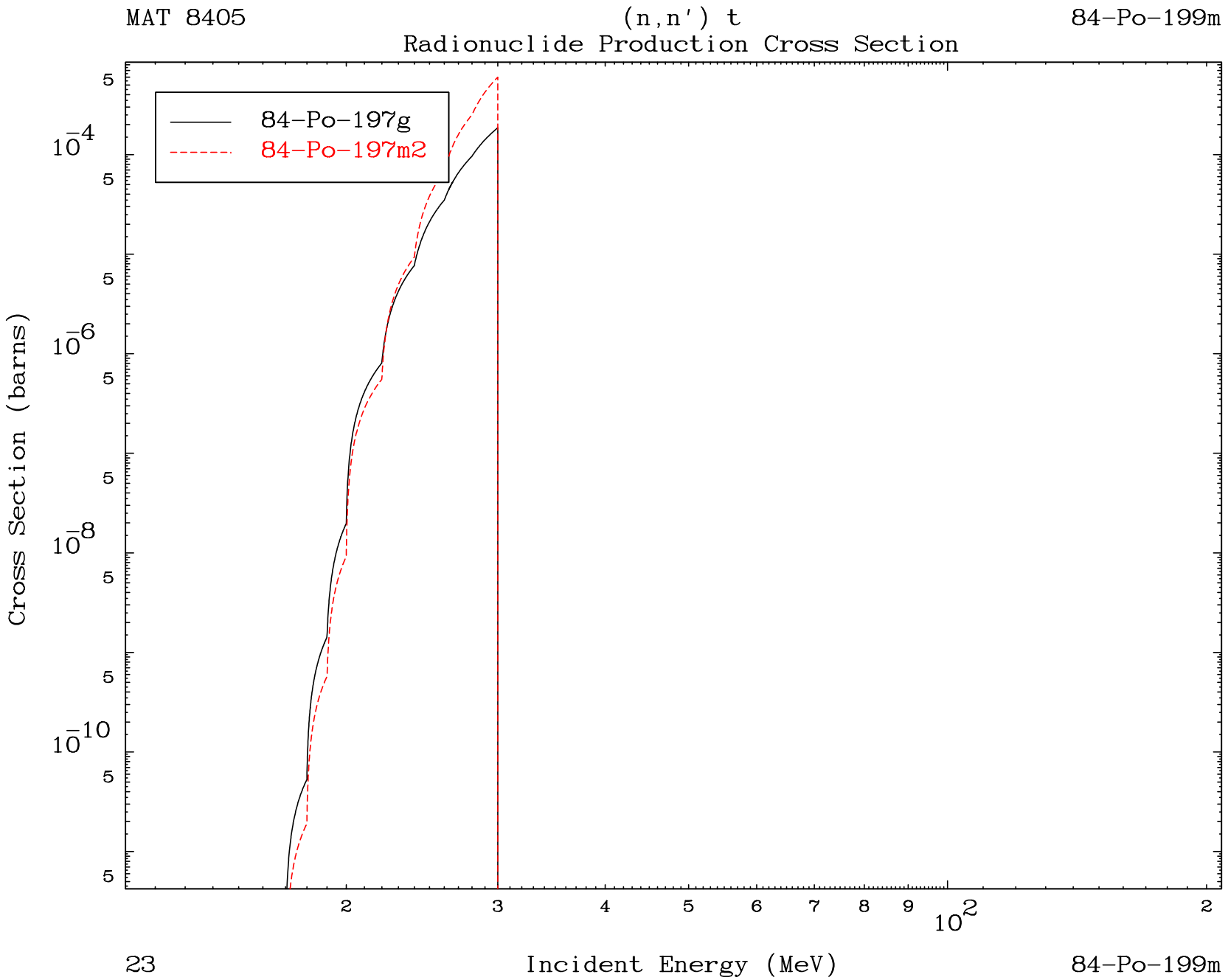

MAT 8405
(n,2n) α
84-Po-199m
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-199m

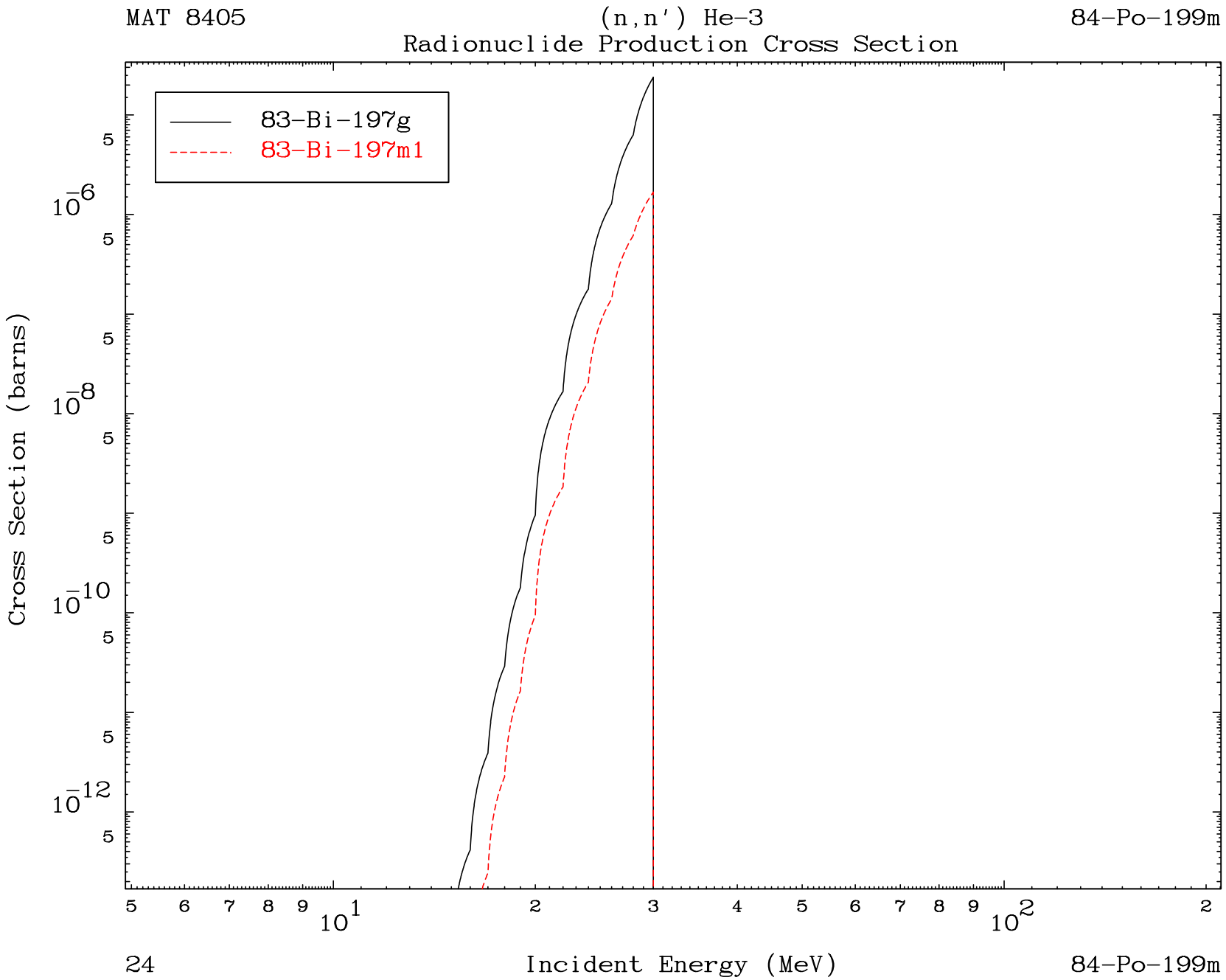

MAT 8405
(n,3n) α
84-Po-199m
Radionuclide Production Cross Section
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
19
Incident Energy (MeV)
84-Po-199m

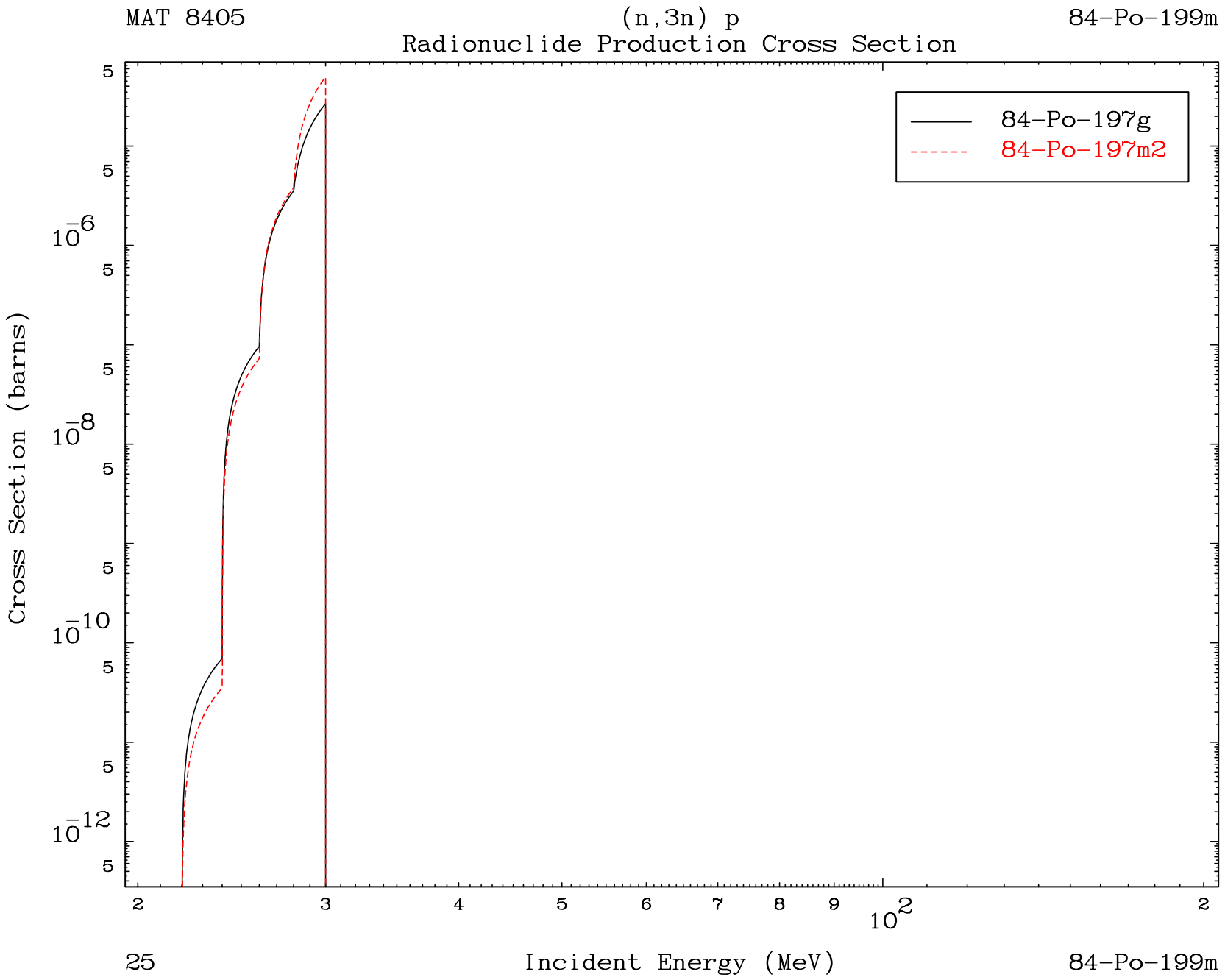

MAT 8405
(n,n') p
84-Po-199m
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
20
84-Po-199m

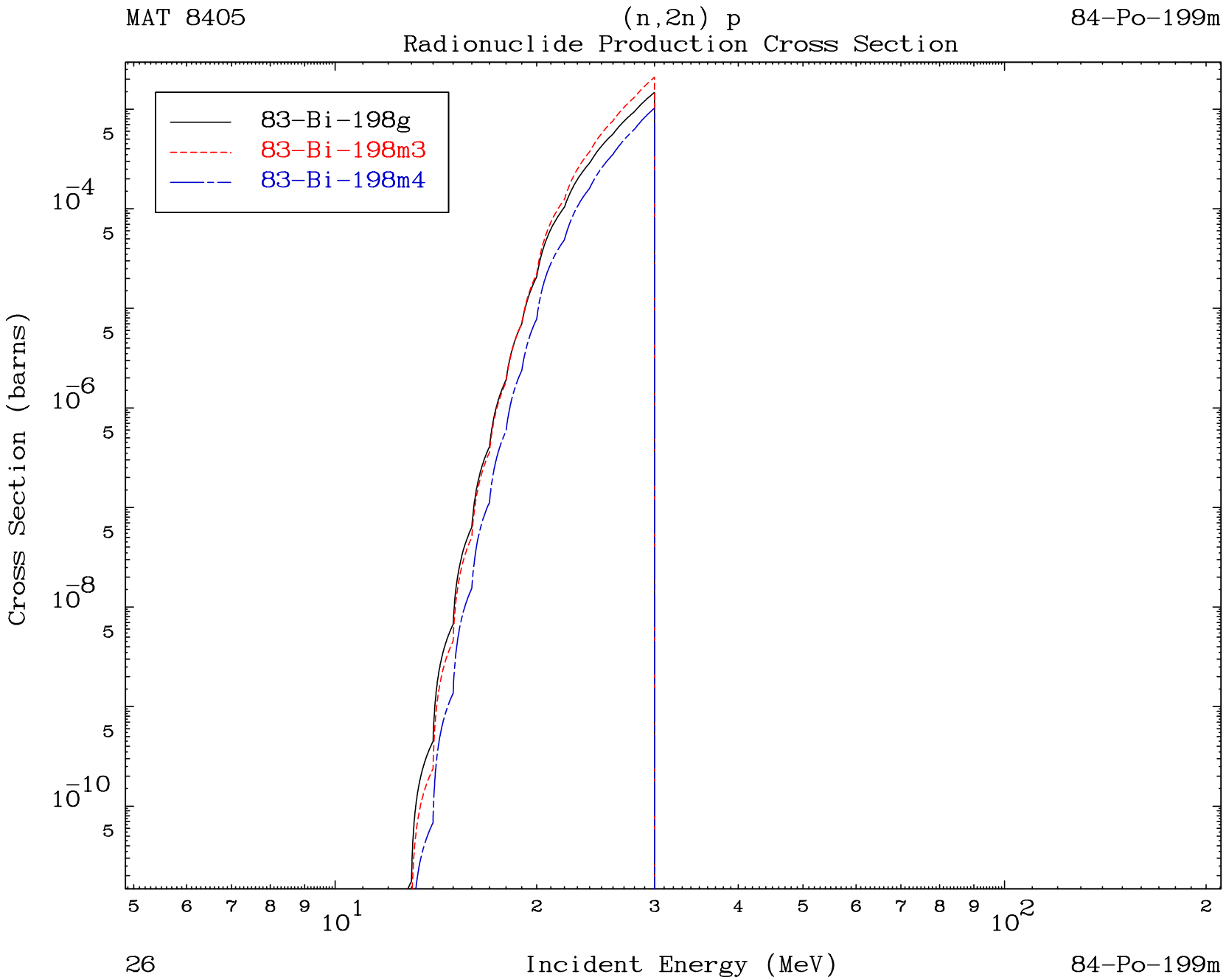

MAT 8405
(n,n') 2α
84-Po-199m
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
Incident Energy (MeV)
21
84-Po-199m

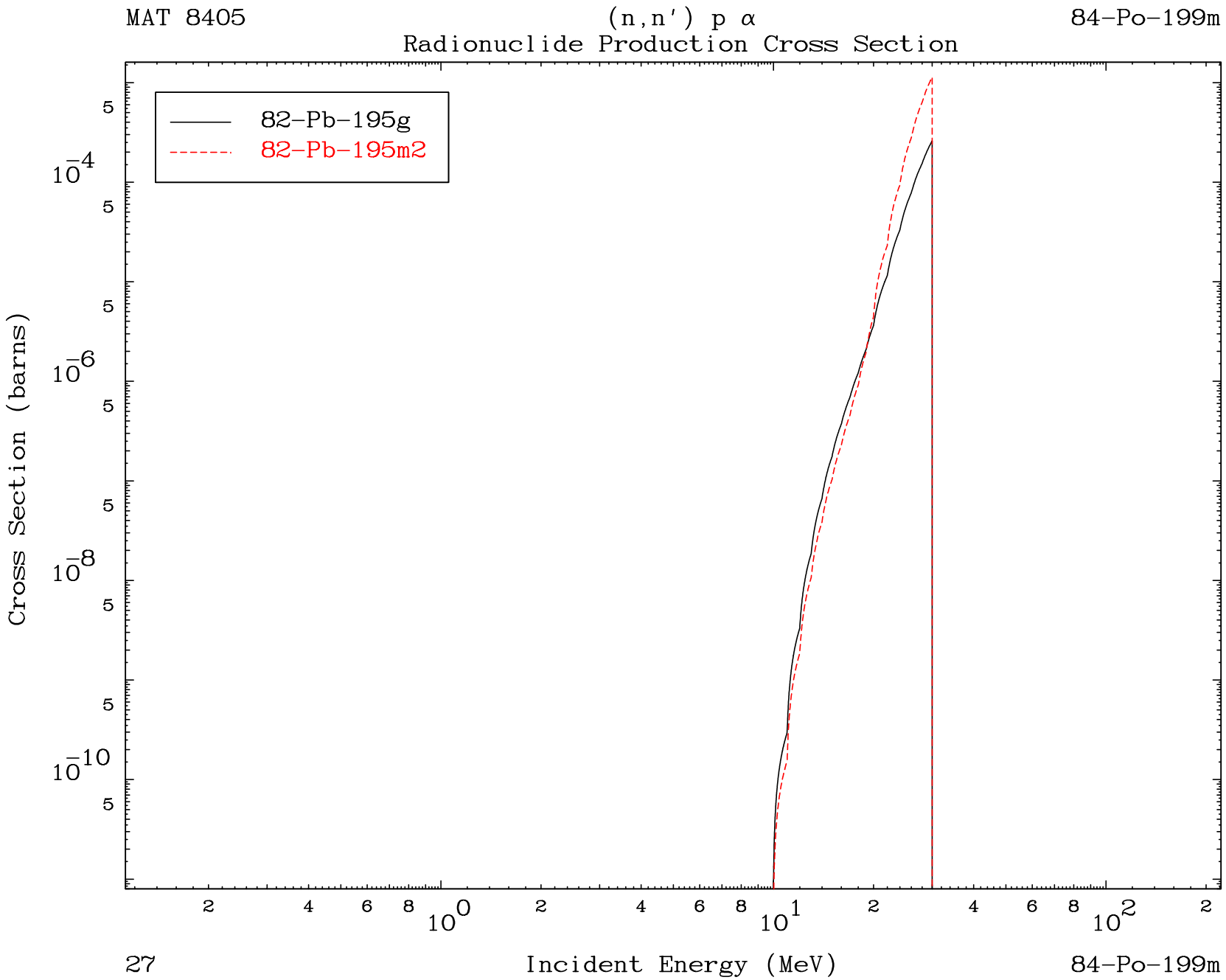

MAT 8405
(n,2n) 2α
84-Po-199m
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
Incident Energy (MeV)
22
84-Po-199m

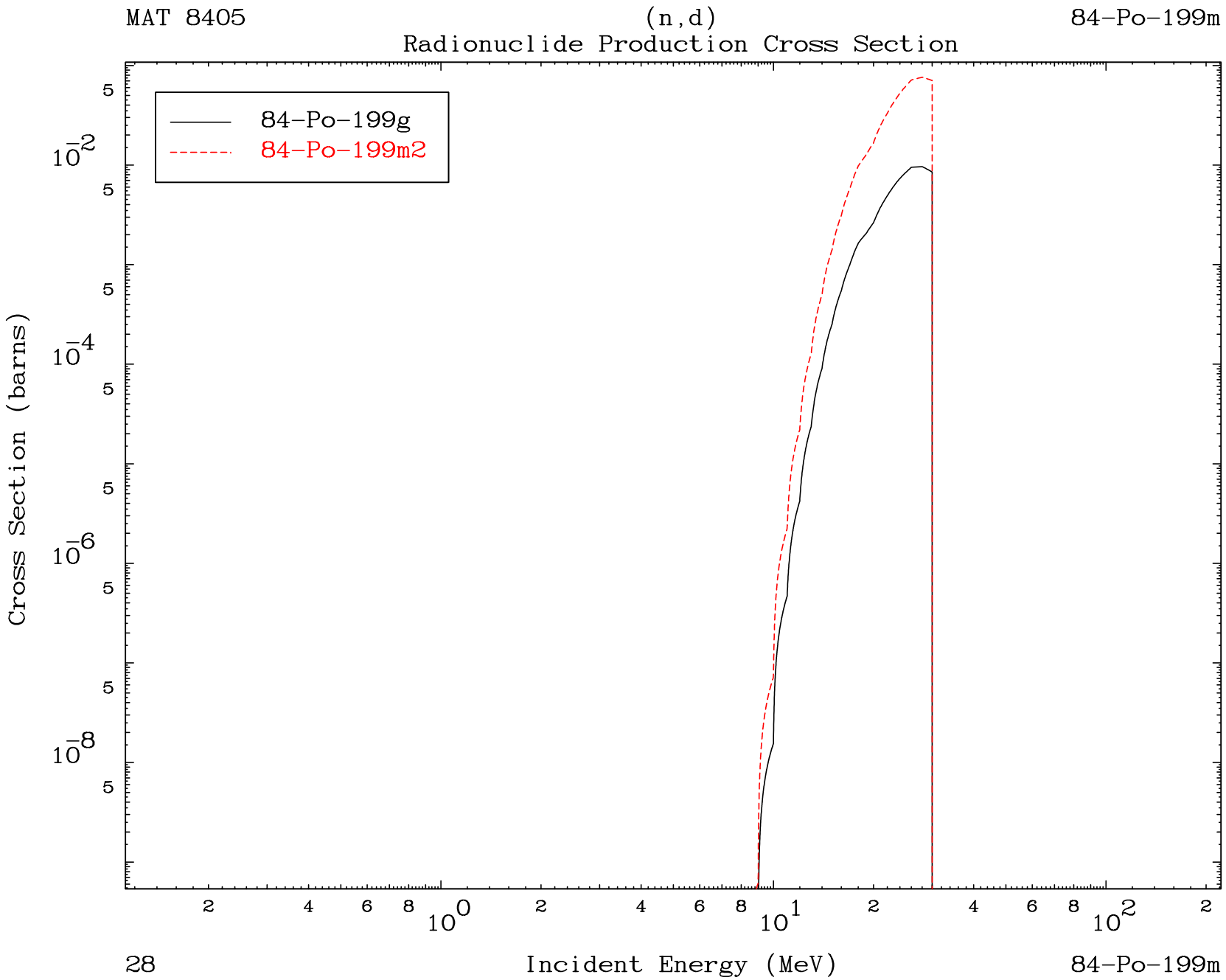

MAT 8405
(n,n') t
84-Po-199m
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
23
84-Po-199m

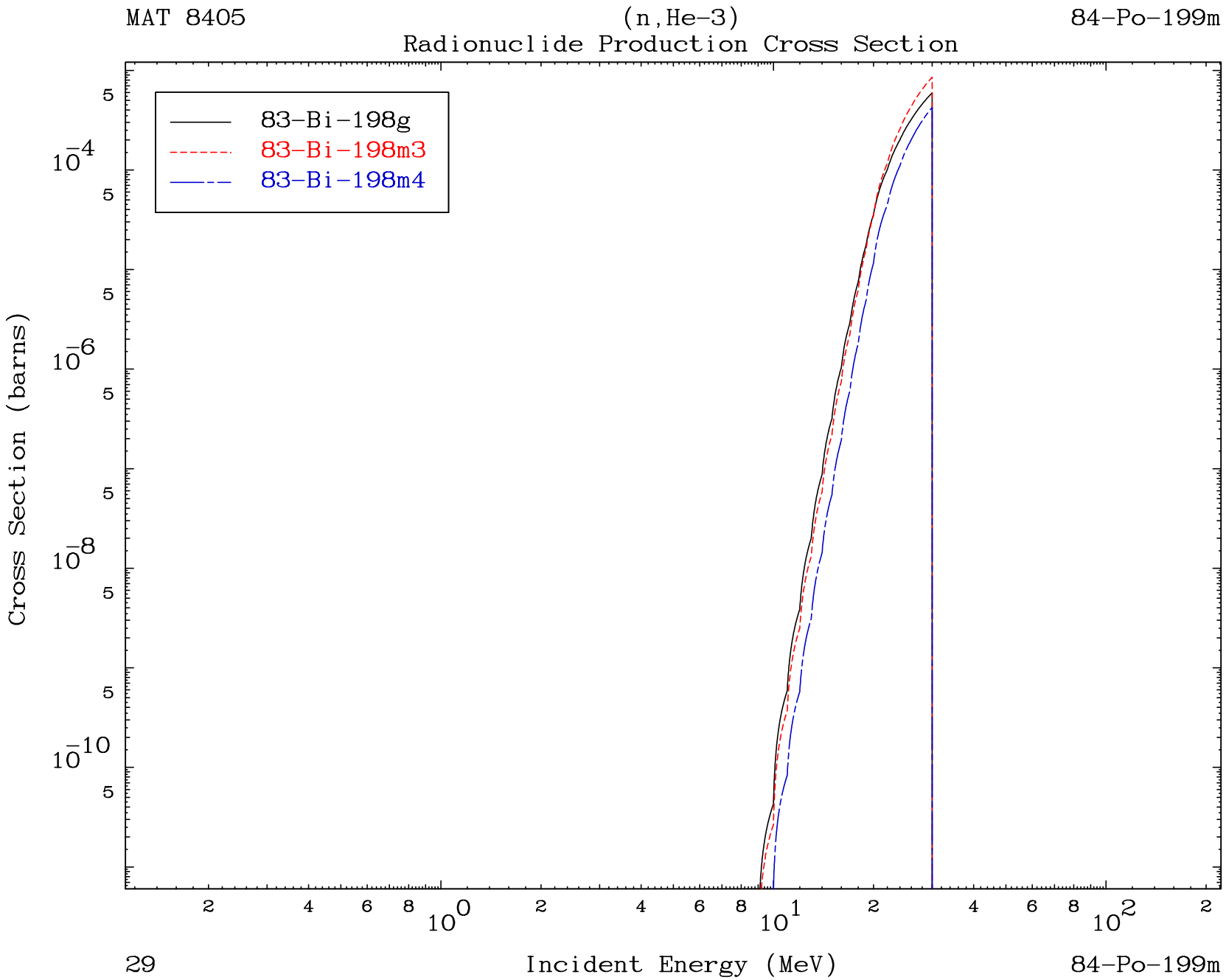

MAT 8405
(n,n') He-3
84-Po-199m
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
24
Incident Energy (MeV)
84-Po-199m

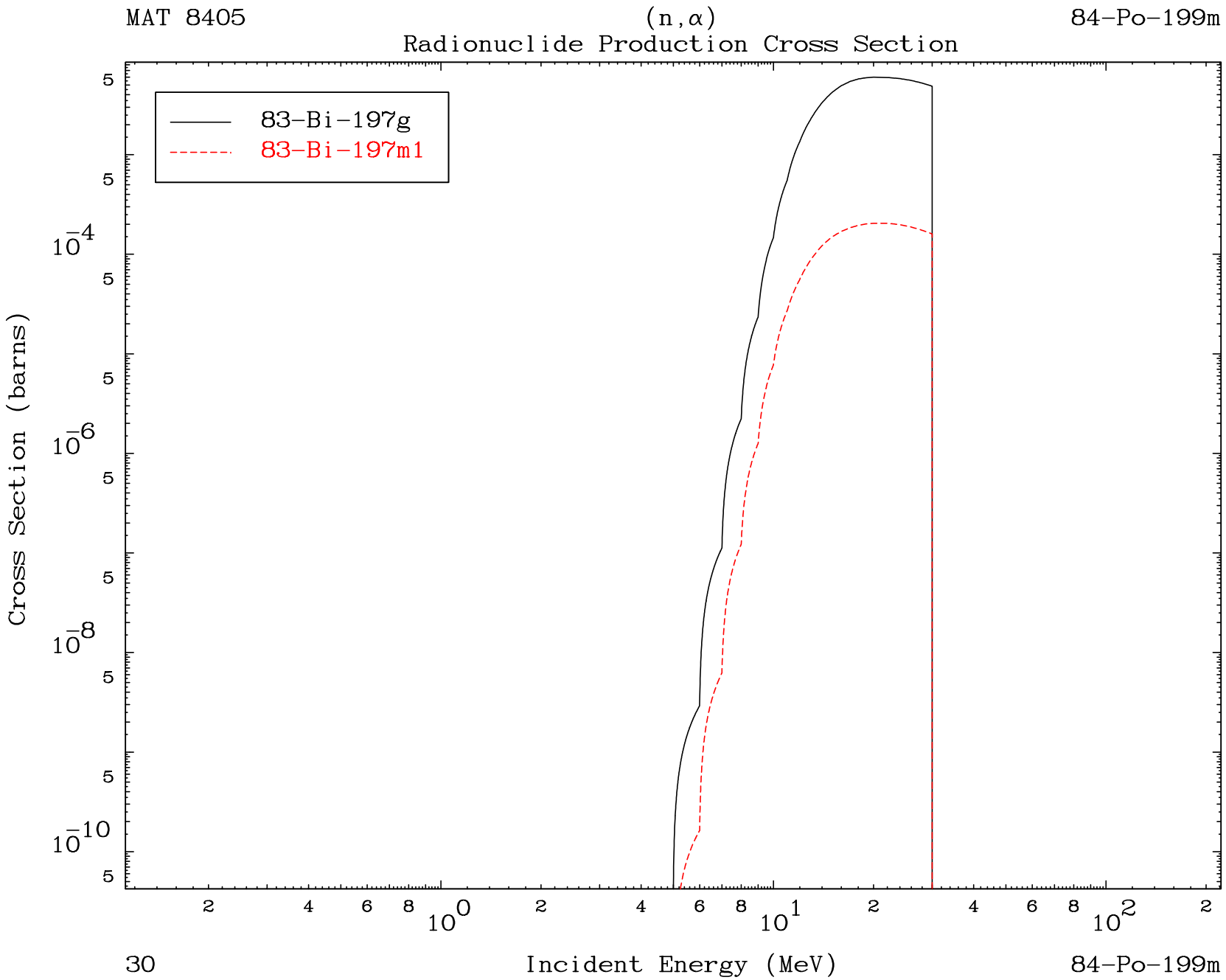

MAT 8405
(n,3n) p
84-Po-199m
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
25
84-Po-199m

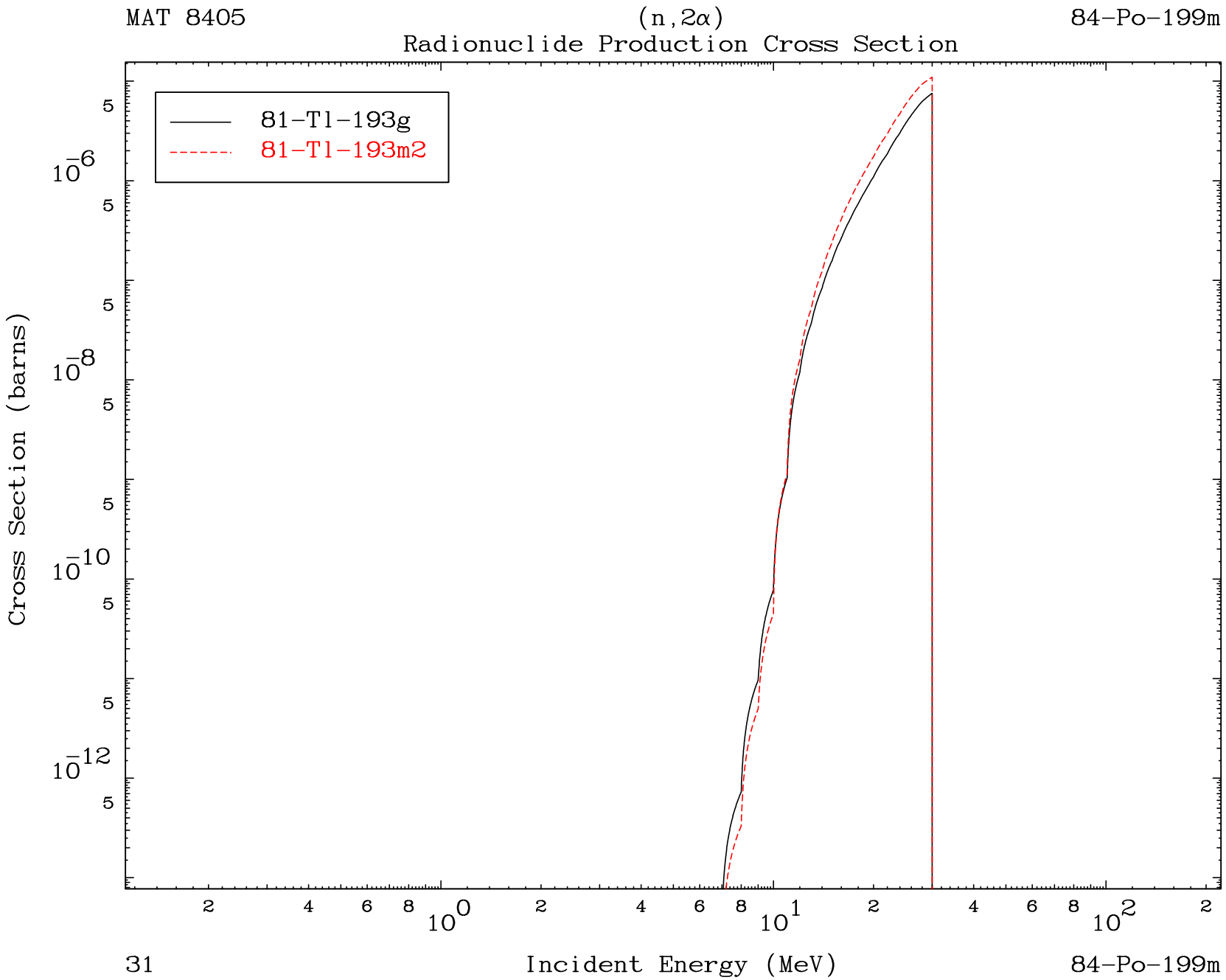

MAT 8405
(n,2n) p
84-Po-199m
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
26
84-Po-199m

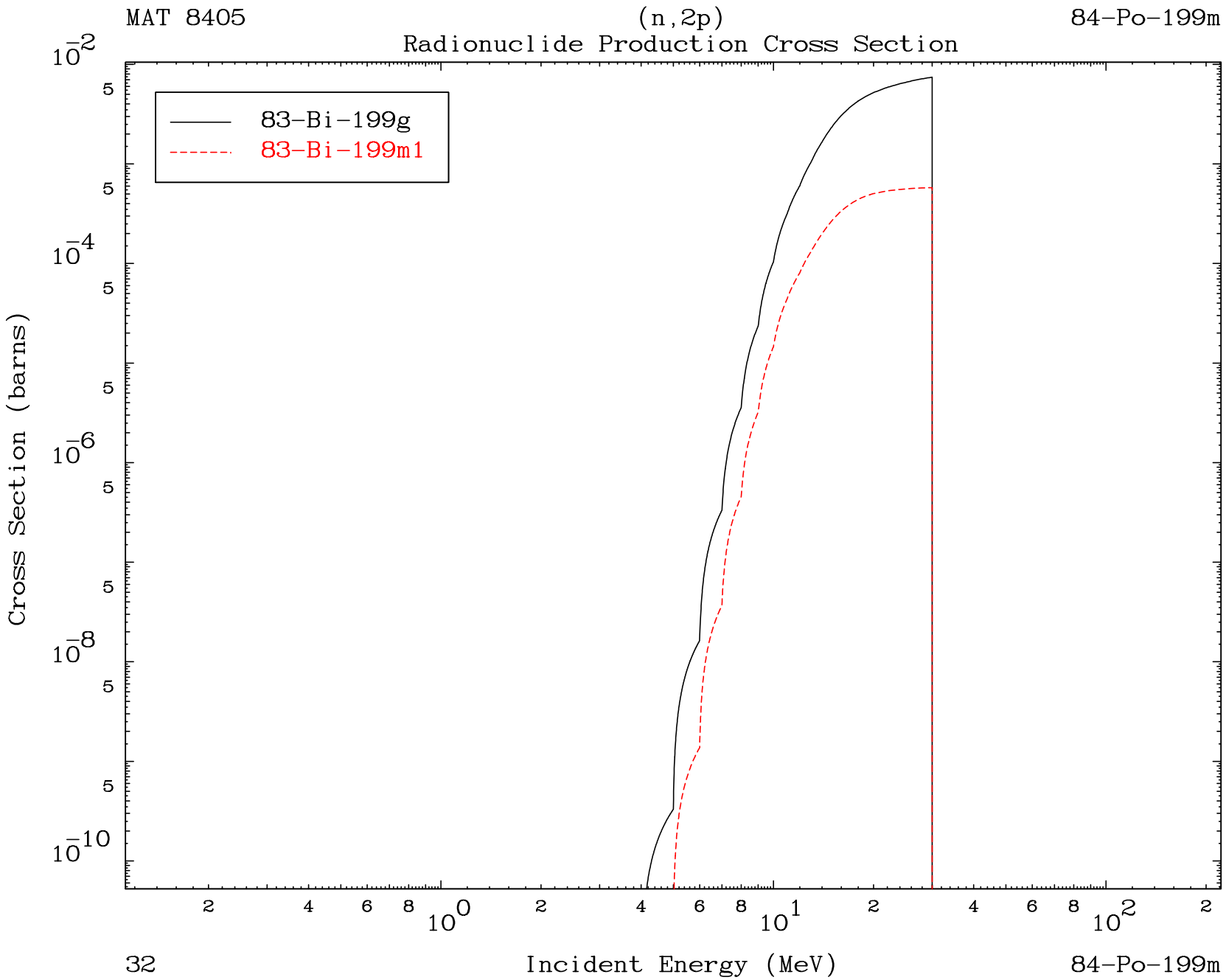

MAT 8405
(n,n') p α
84-Po-199m
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
27
84-Po-199m

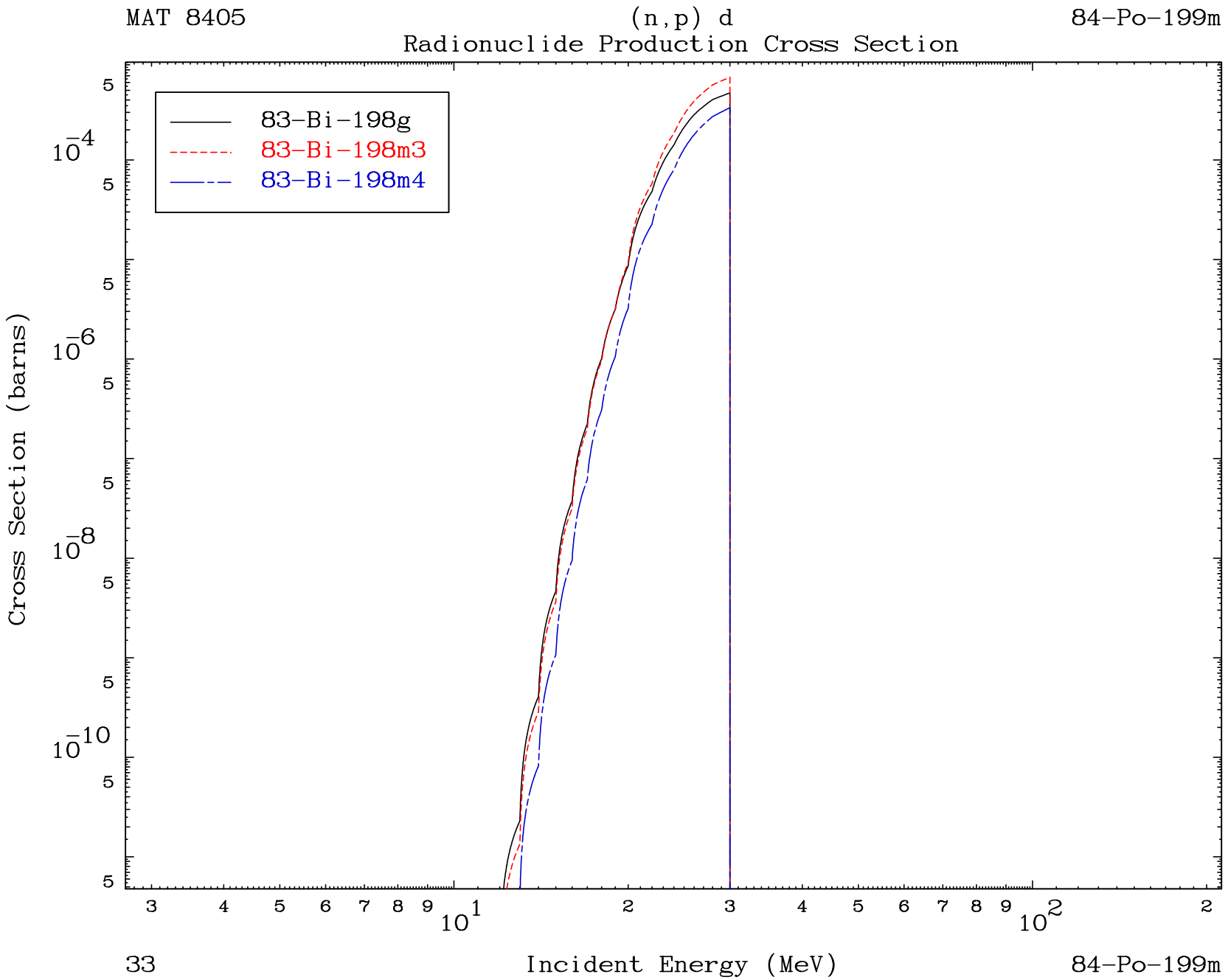

MAT 8405
(n,d)
84-Po-199m
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
28
Incident Energy (MeV)
84-Po-199m

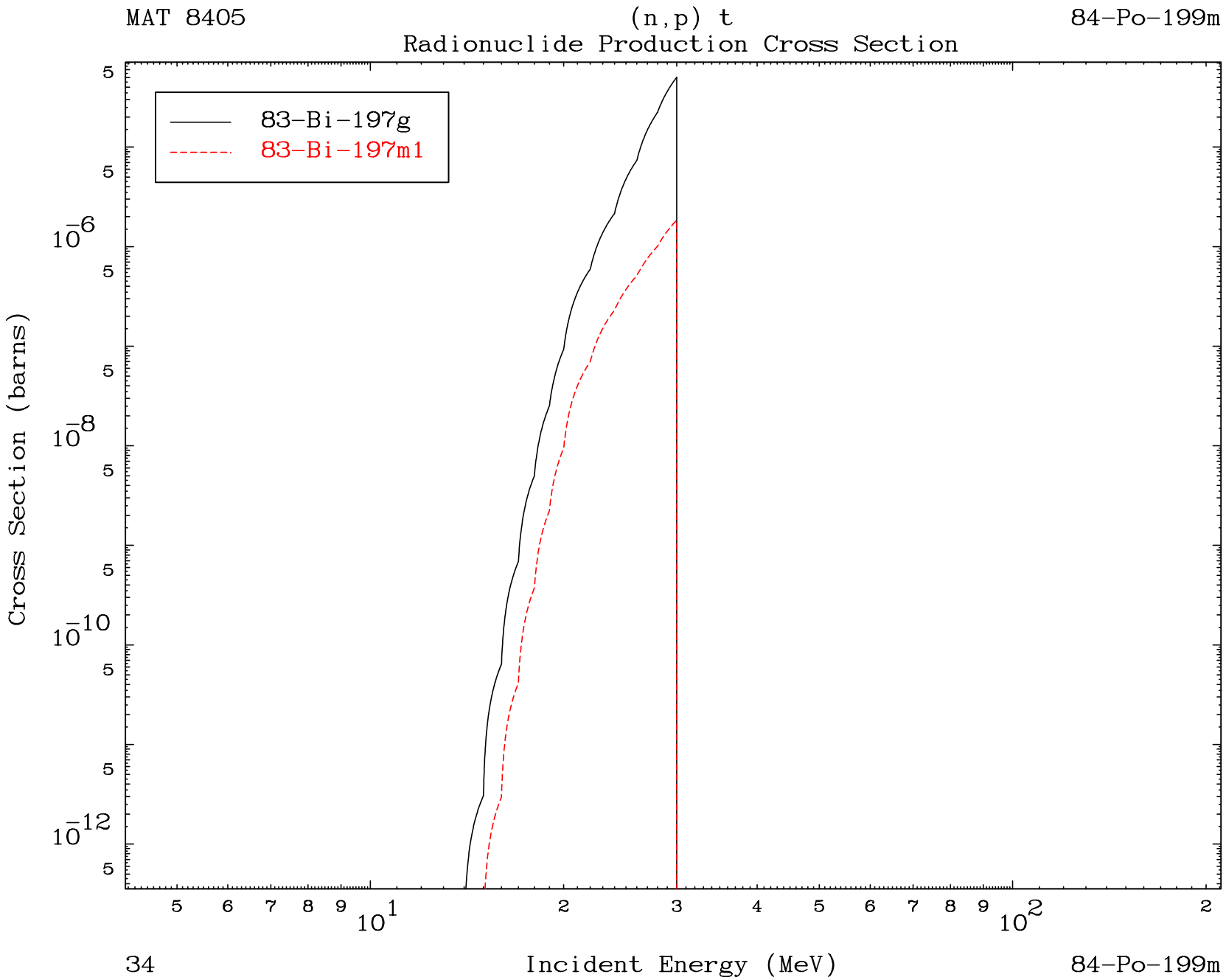

MAT 8405
(n,He-3)
84-Po-199m
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
29
84-Po-199m

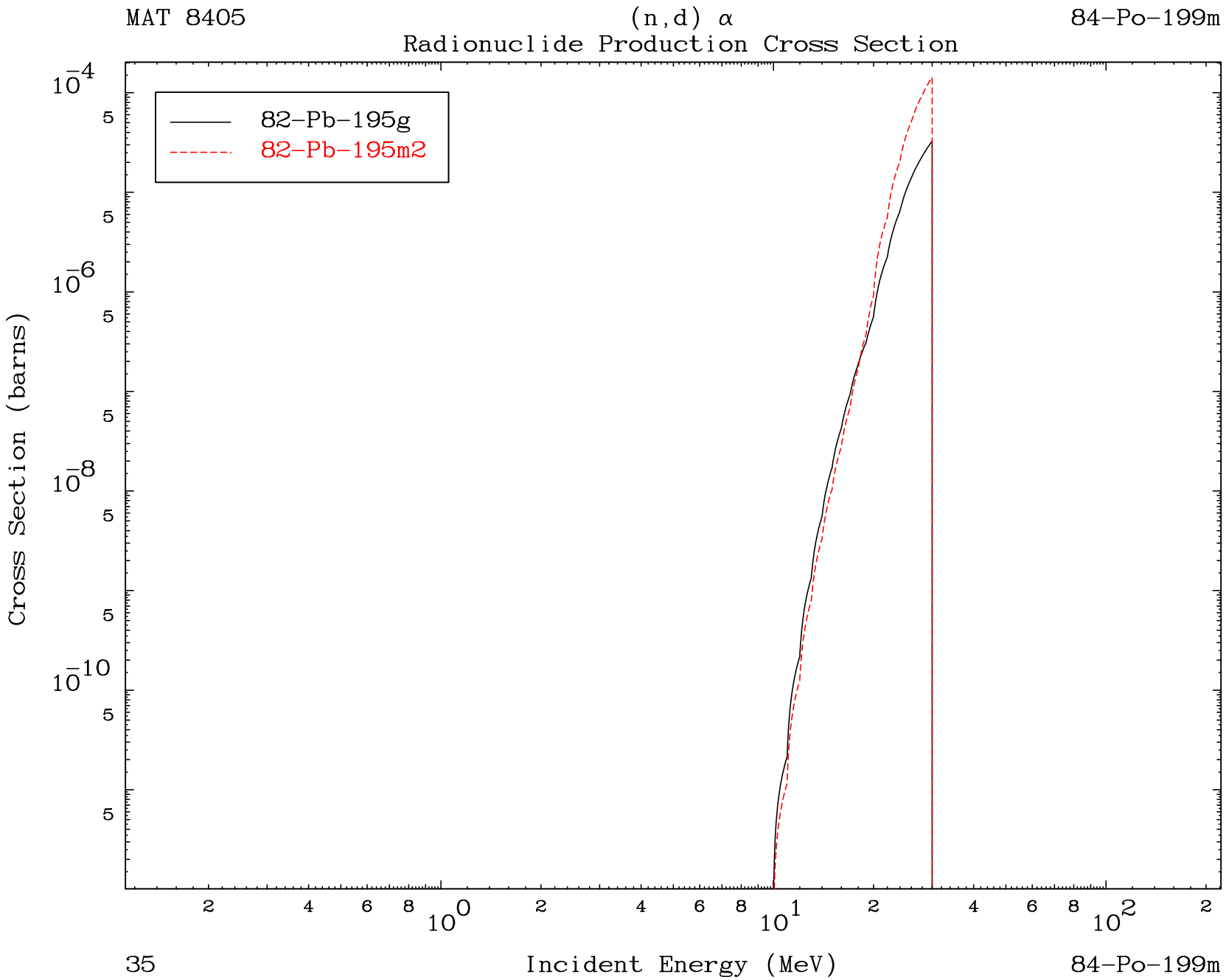

MAT 8405
(n,α)
84-Po-199m
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
30
84-Po-199m


MAT 8405
(n,2α)
84-Po-199m
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
31
84-Po-199m


MAT 8405
(n,2p)
84-Po-199m
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
Incident Energy (MeV)
32
84-Po-199m


MAT 8405
(n,p) d
84-Po-199m
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
33
84-Po-199m


MAT 8405
(n,p) t
84-Po-199m
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
34
84-Po-199m


MAT 8405
(n,d) α
84-Po-199m
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
35
84-Po-199m