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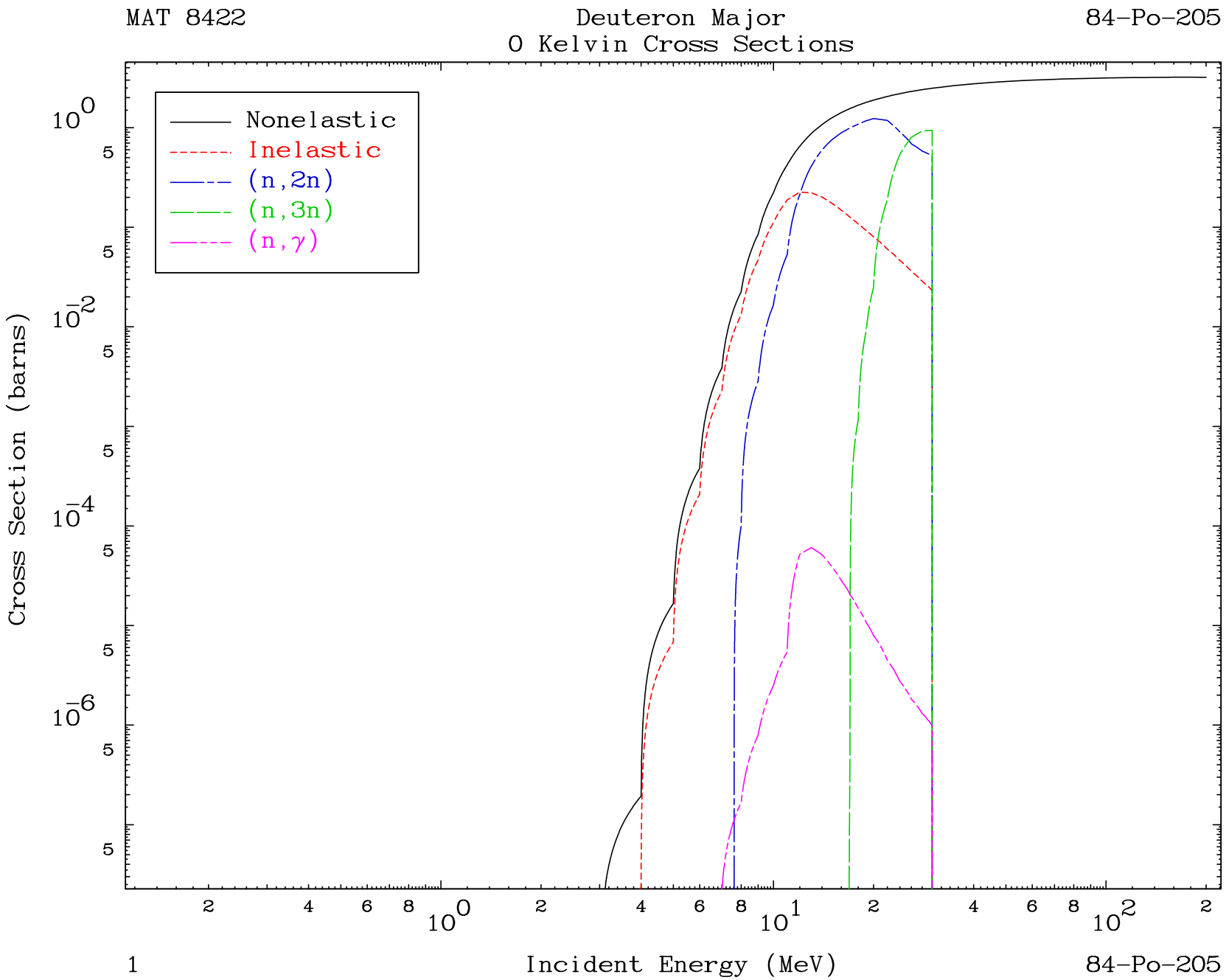
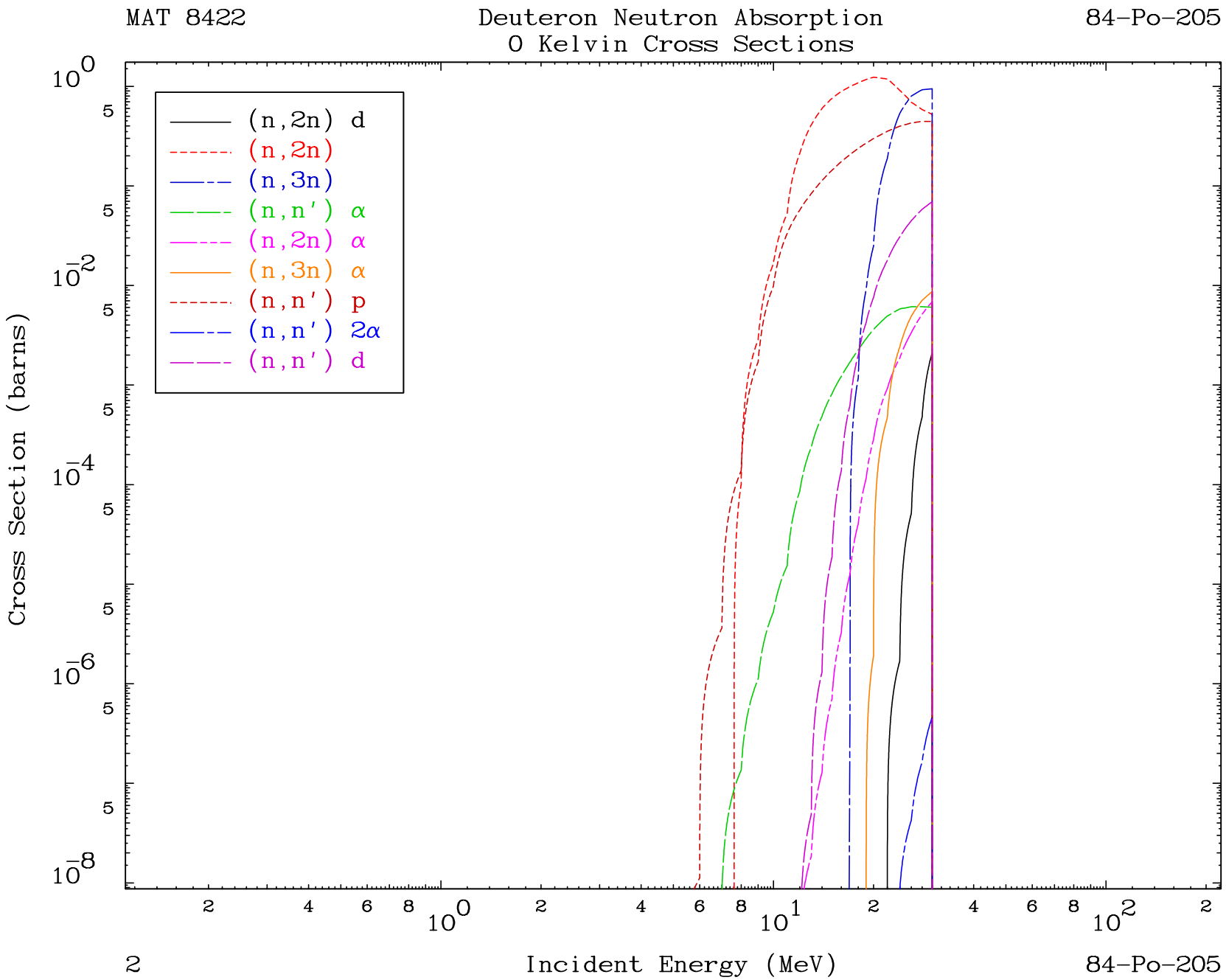
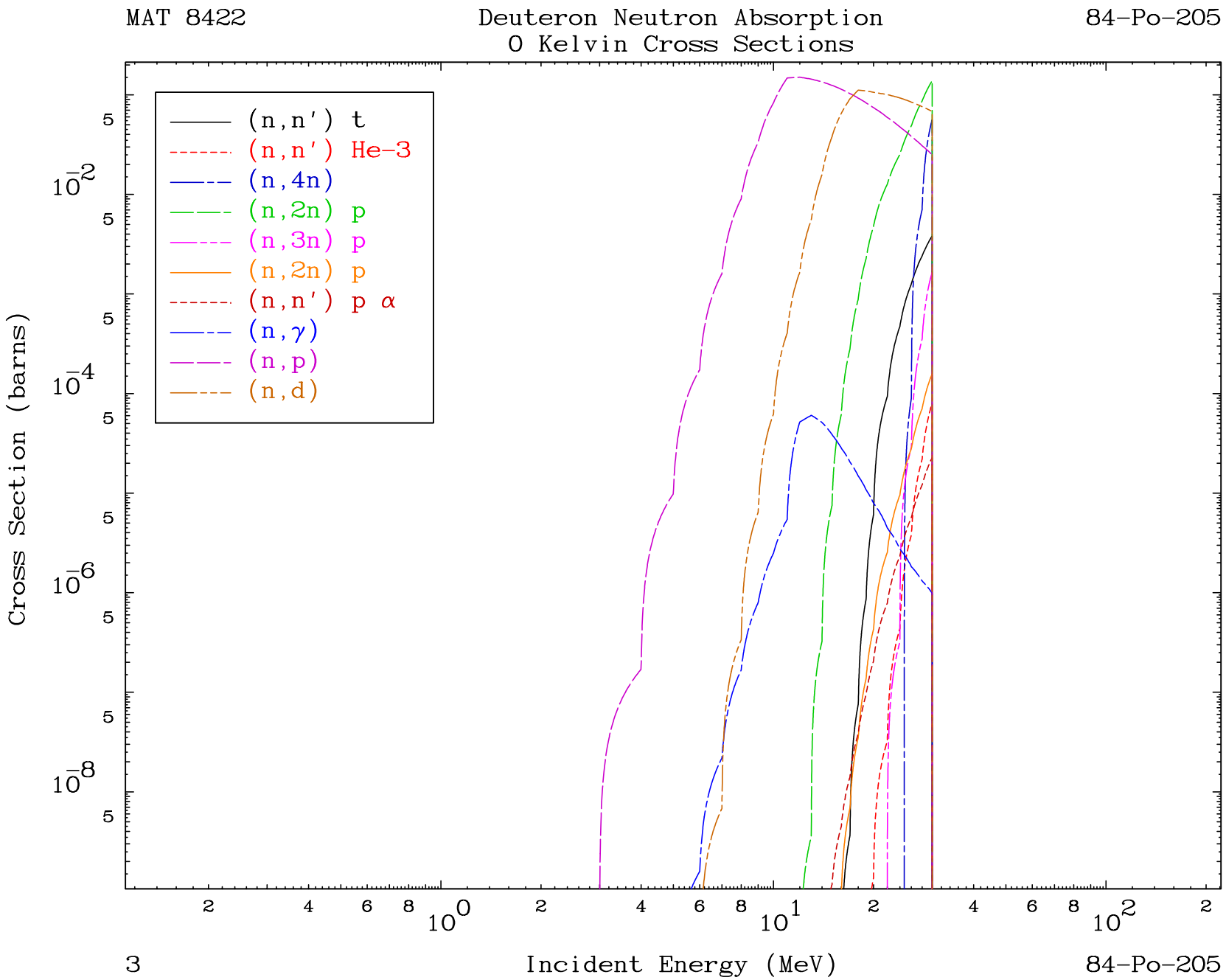
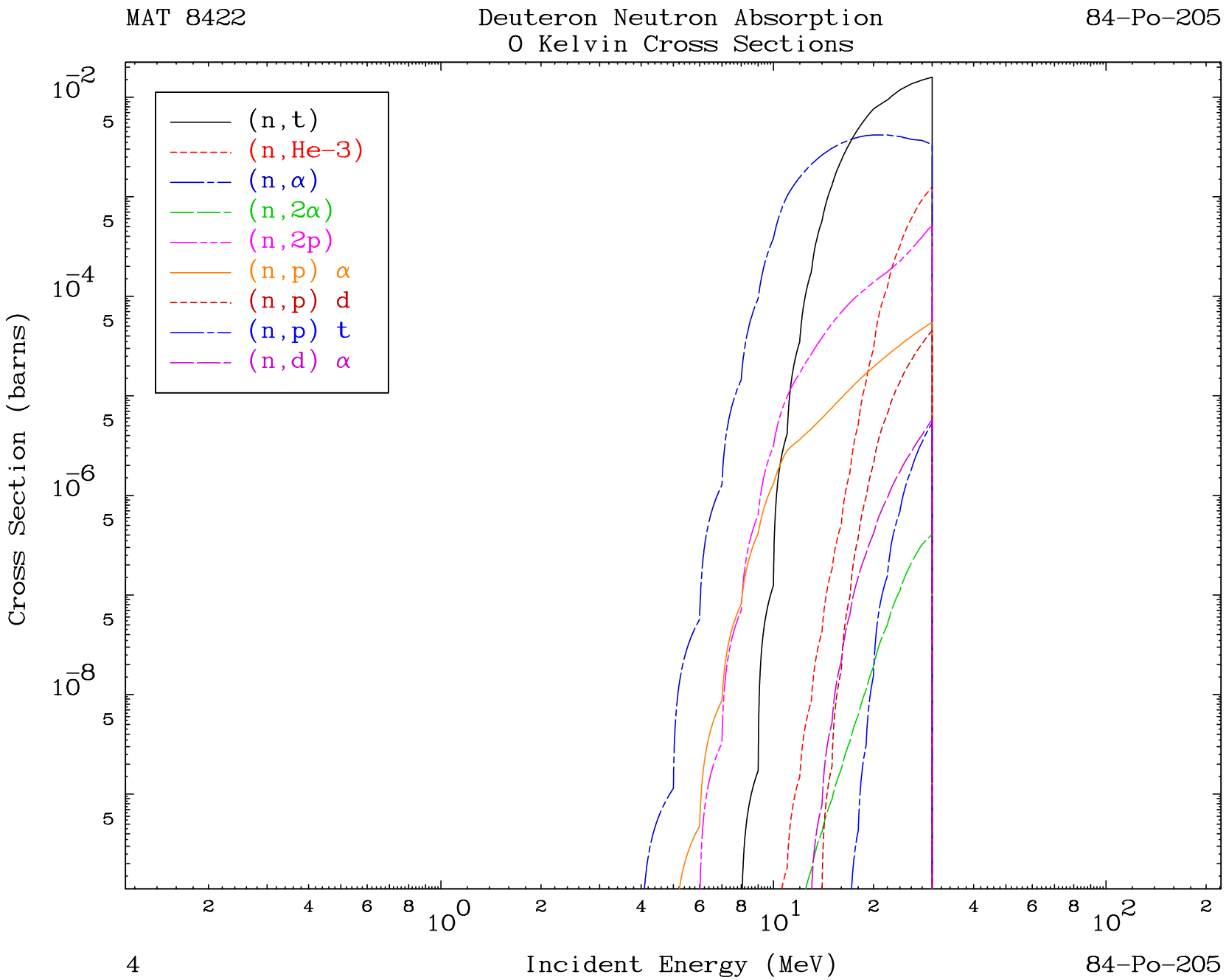
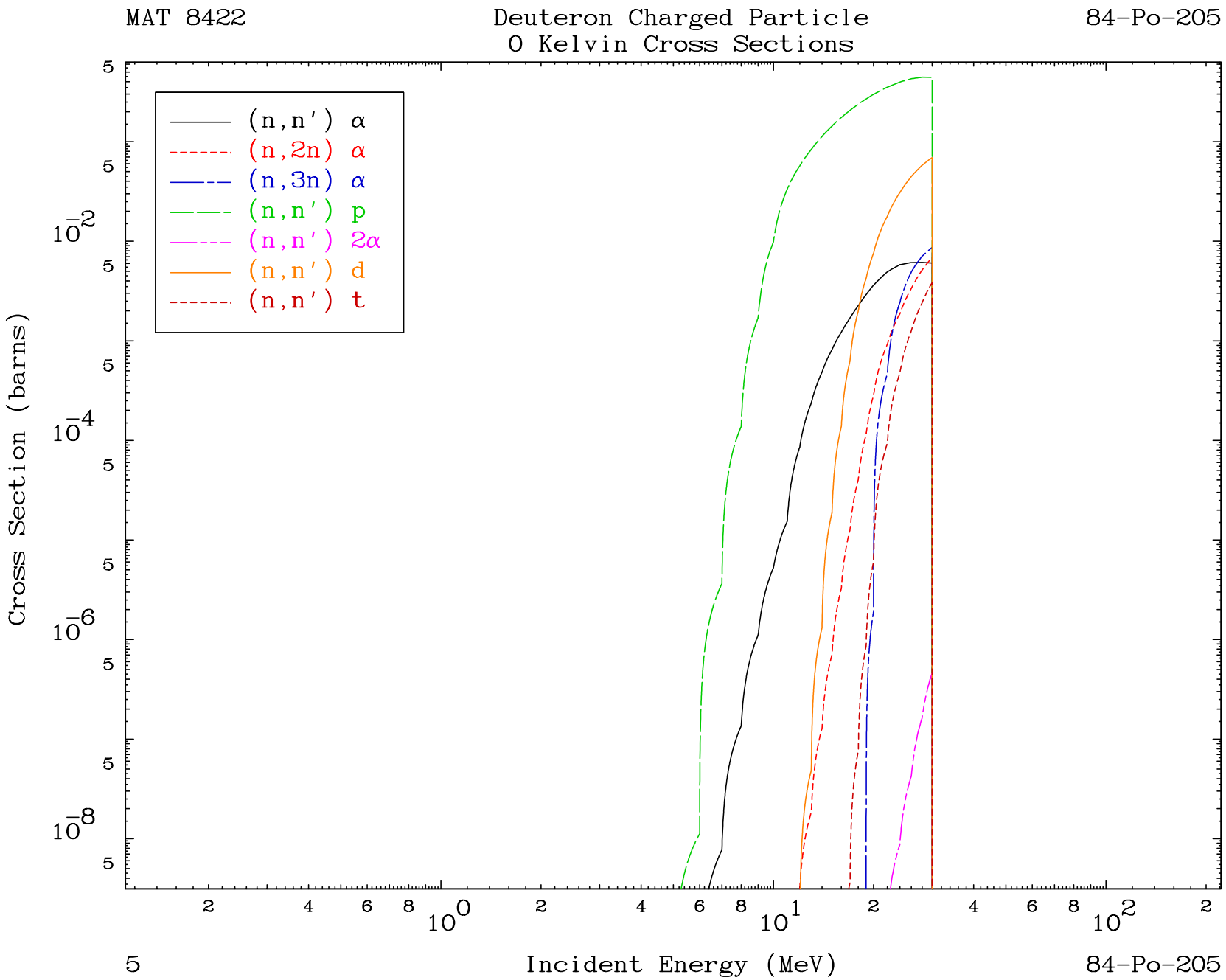
Press Mouse Button to Start

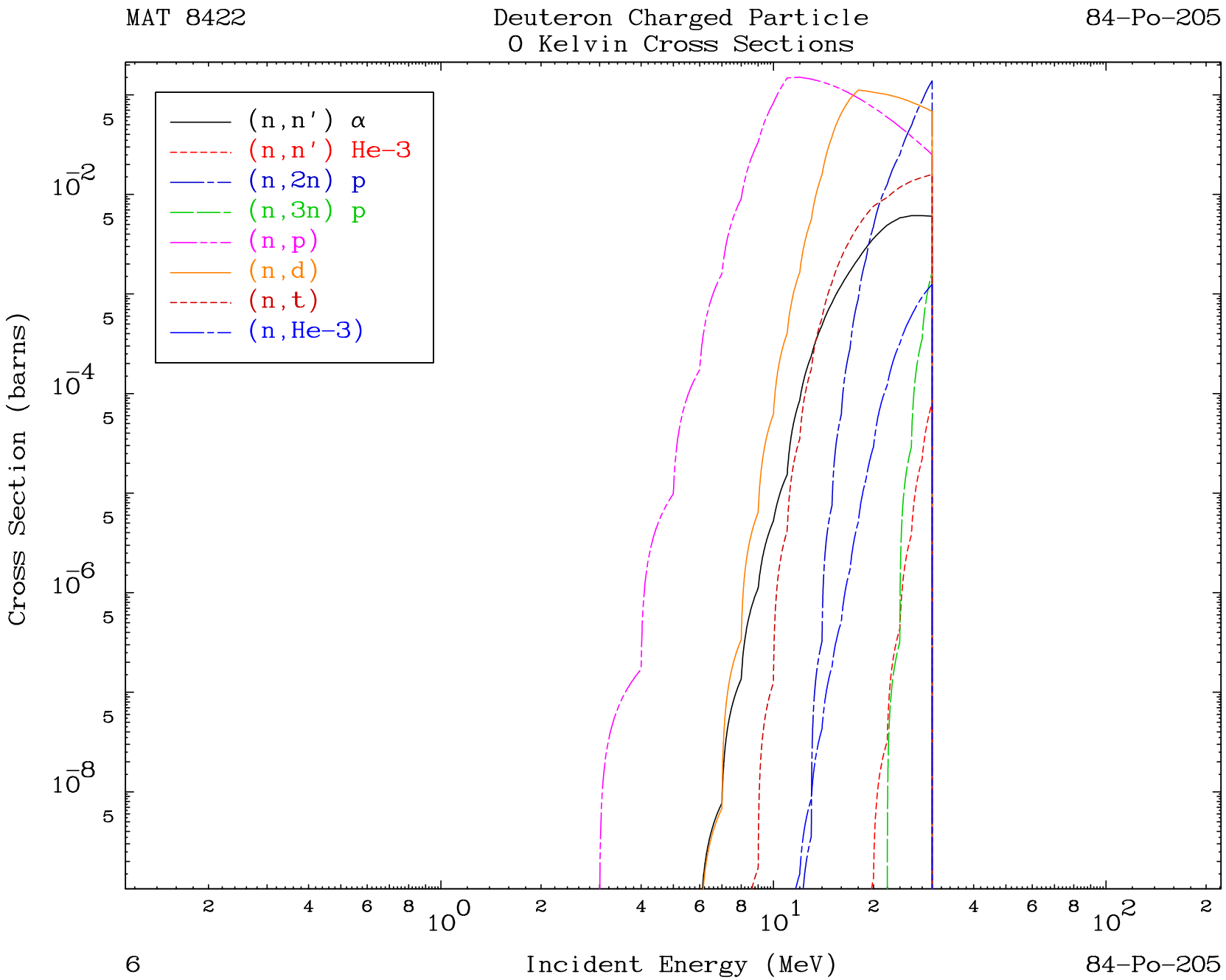

MAT 8422
Deuteron Major
84-Po-205
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-205
1

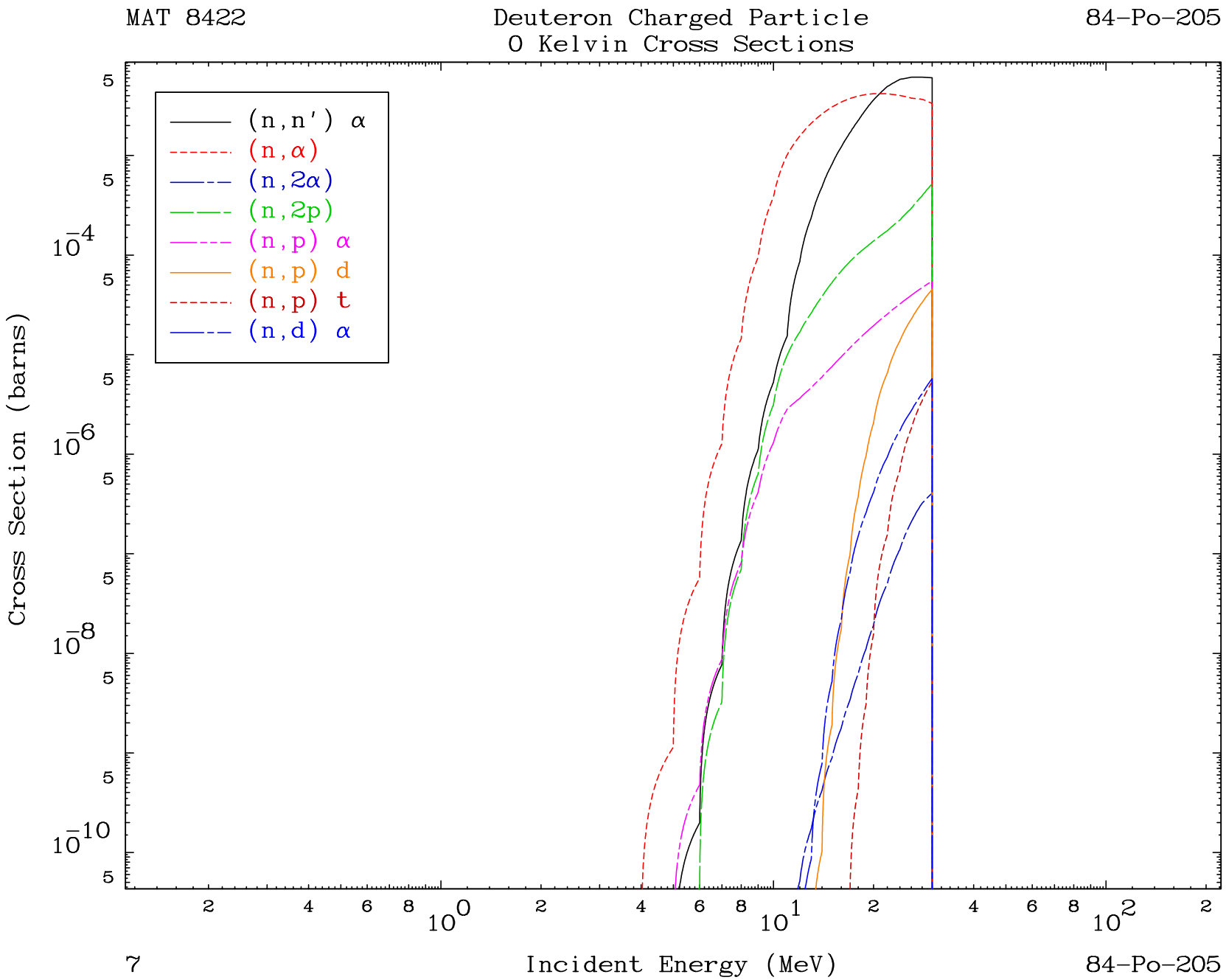

MAT 8422
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-205
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
84-Po-205

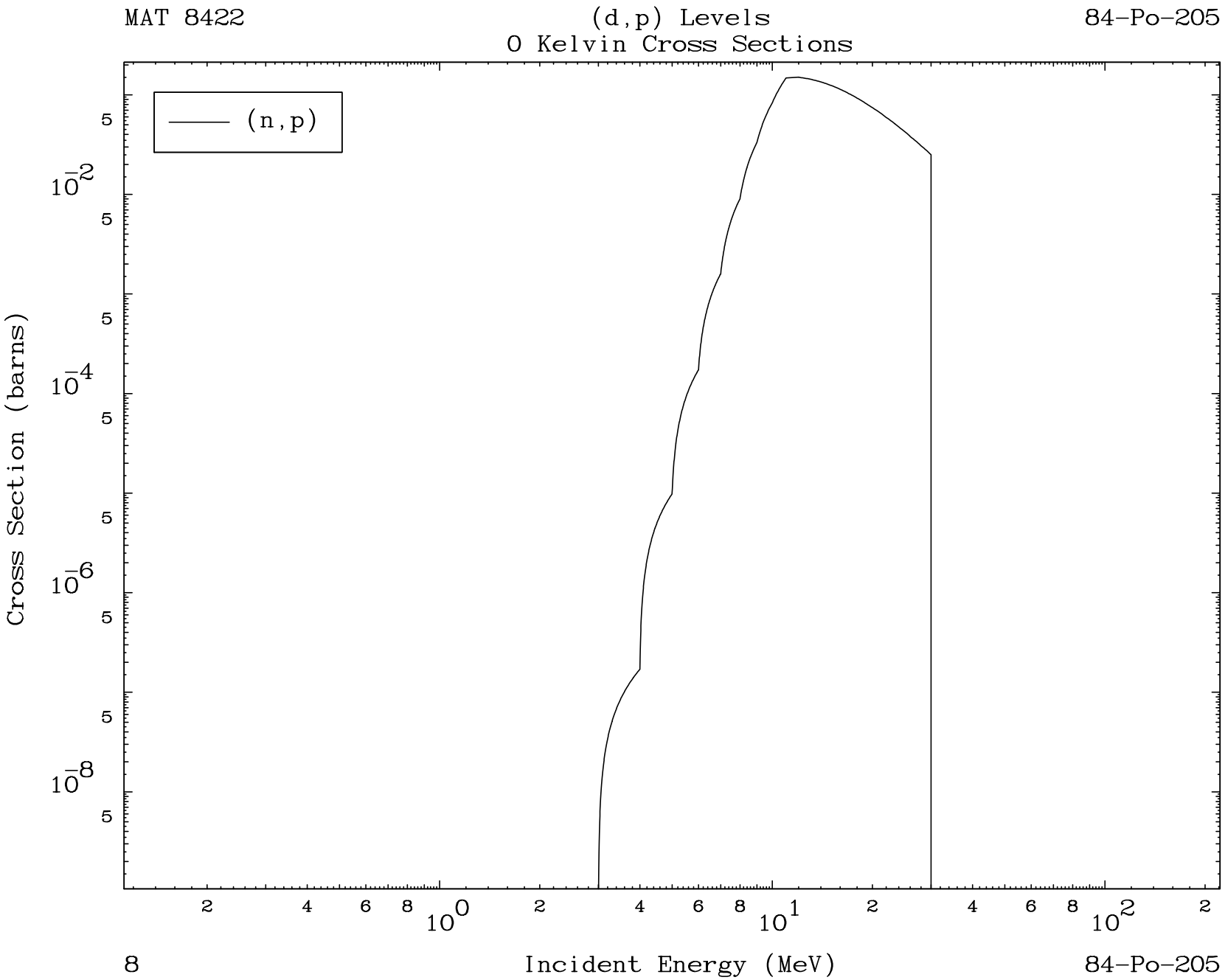

MAT 8422
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-205
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-205

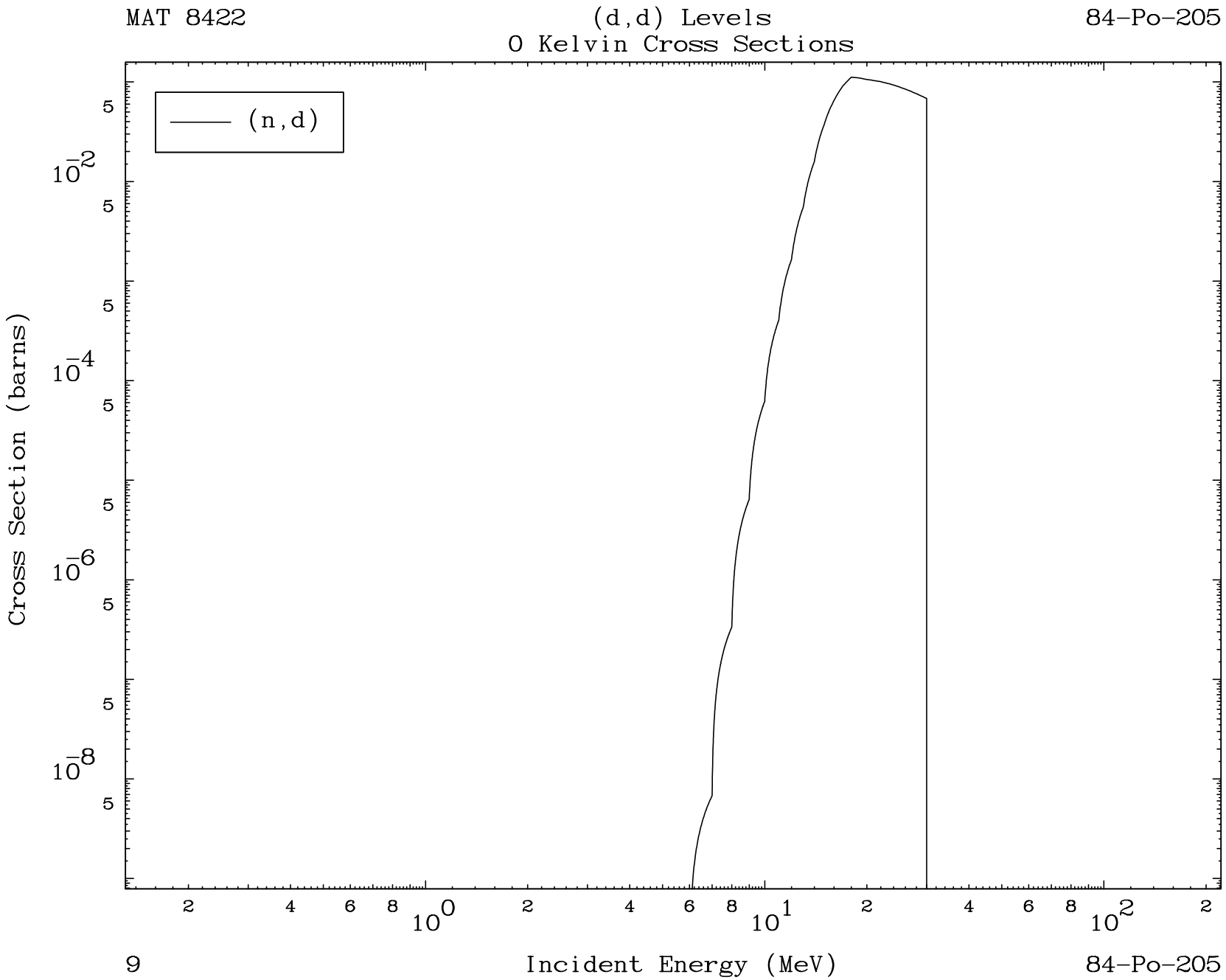

MAT 8422
Deuteron Neutron Absorption
0 Kelvin Cross Sections
84-Po-205
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-205

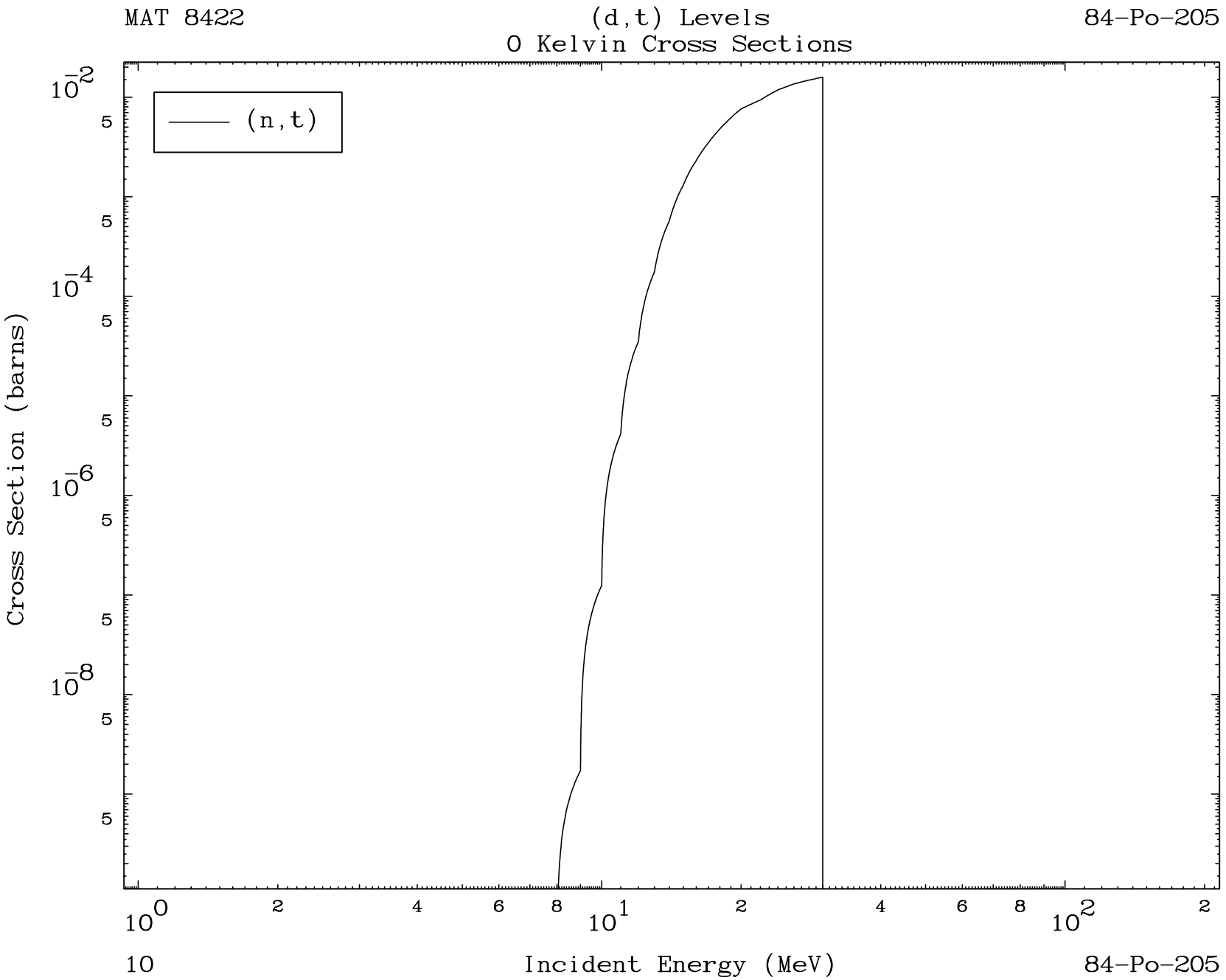

MAT 8422
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-205
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
84-Po-205

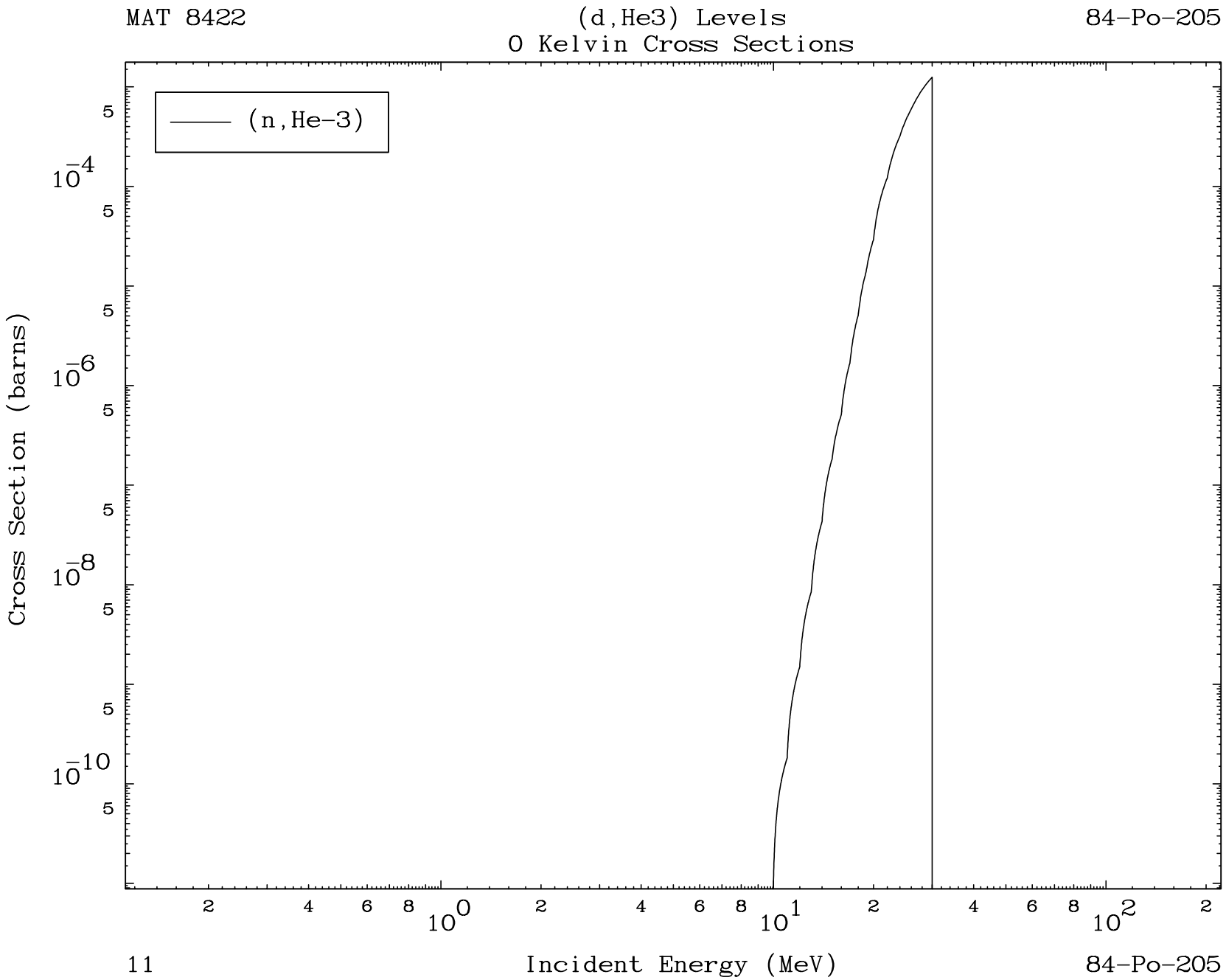

MAT 8422
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-205
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
84-Po-205

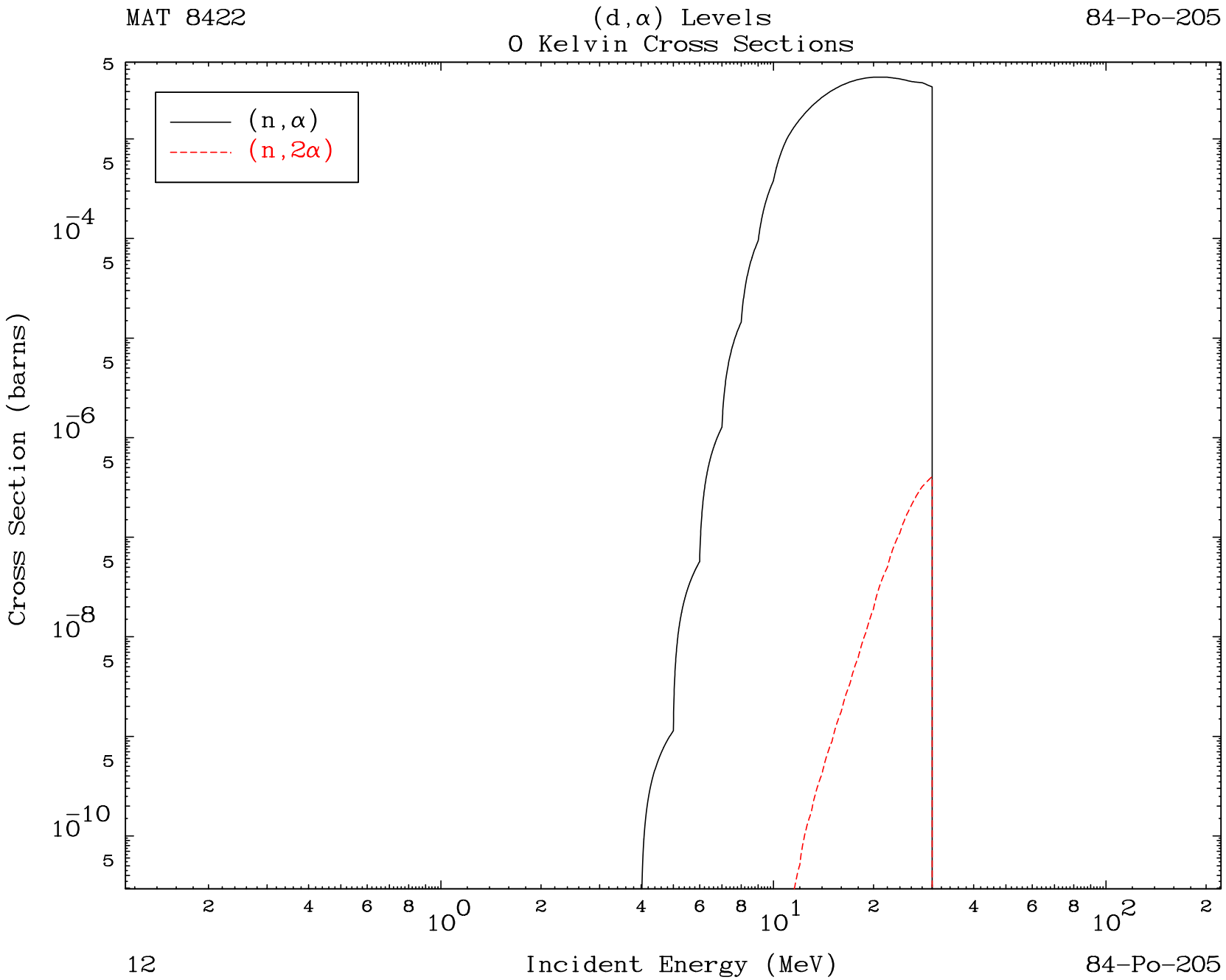

MAT 8422
Deuteron Charged Particle
0 Kelvin Cross Sections
84-Po-205
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
84-Po-205

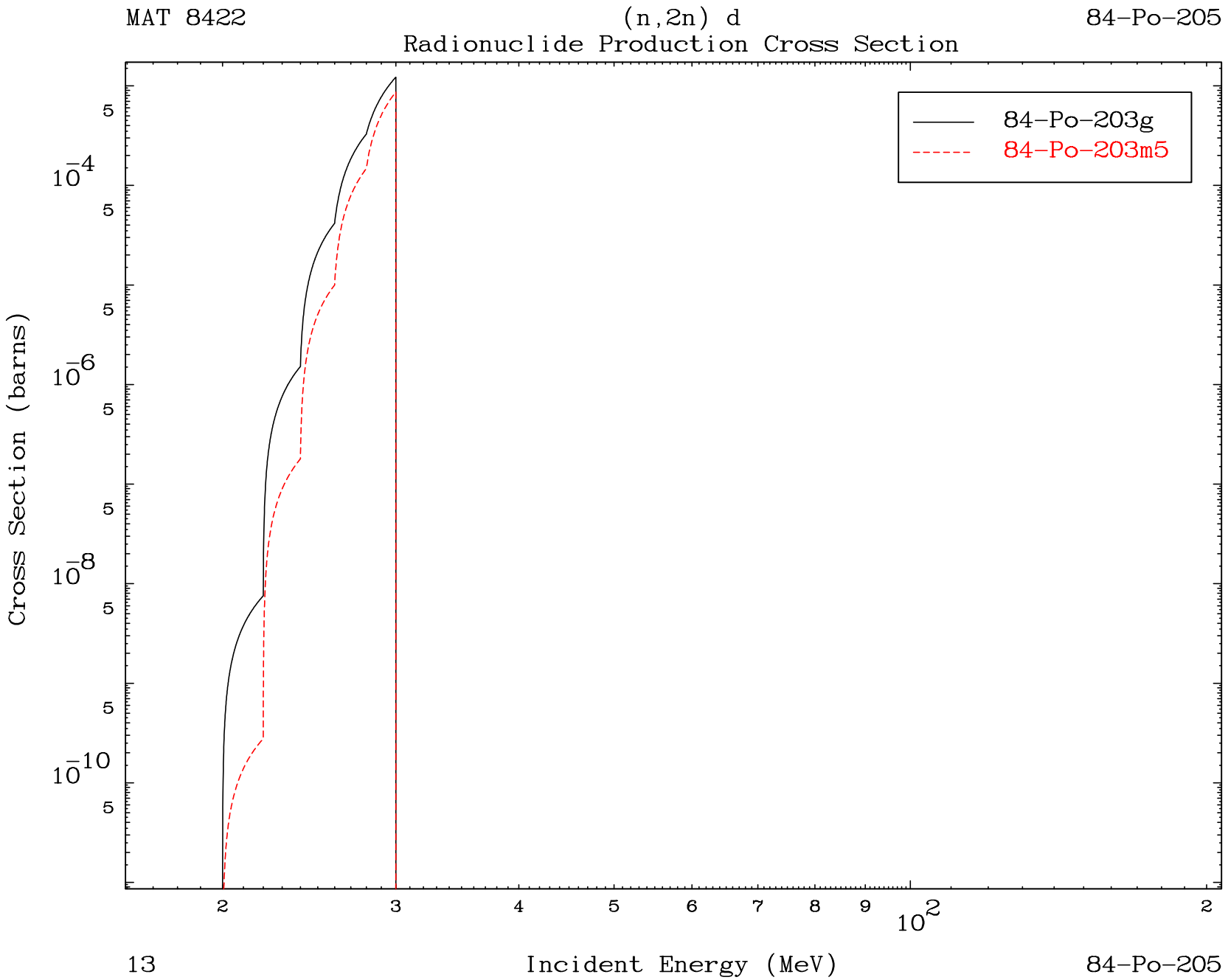

MAT 8422
(d,p) Levels
84-Po-205
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
84-Po-205

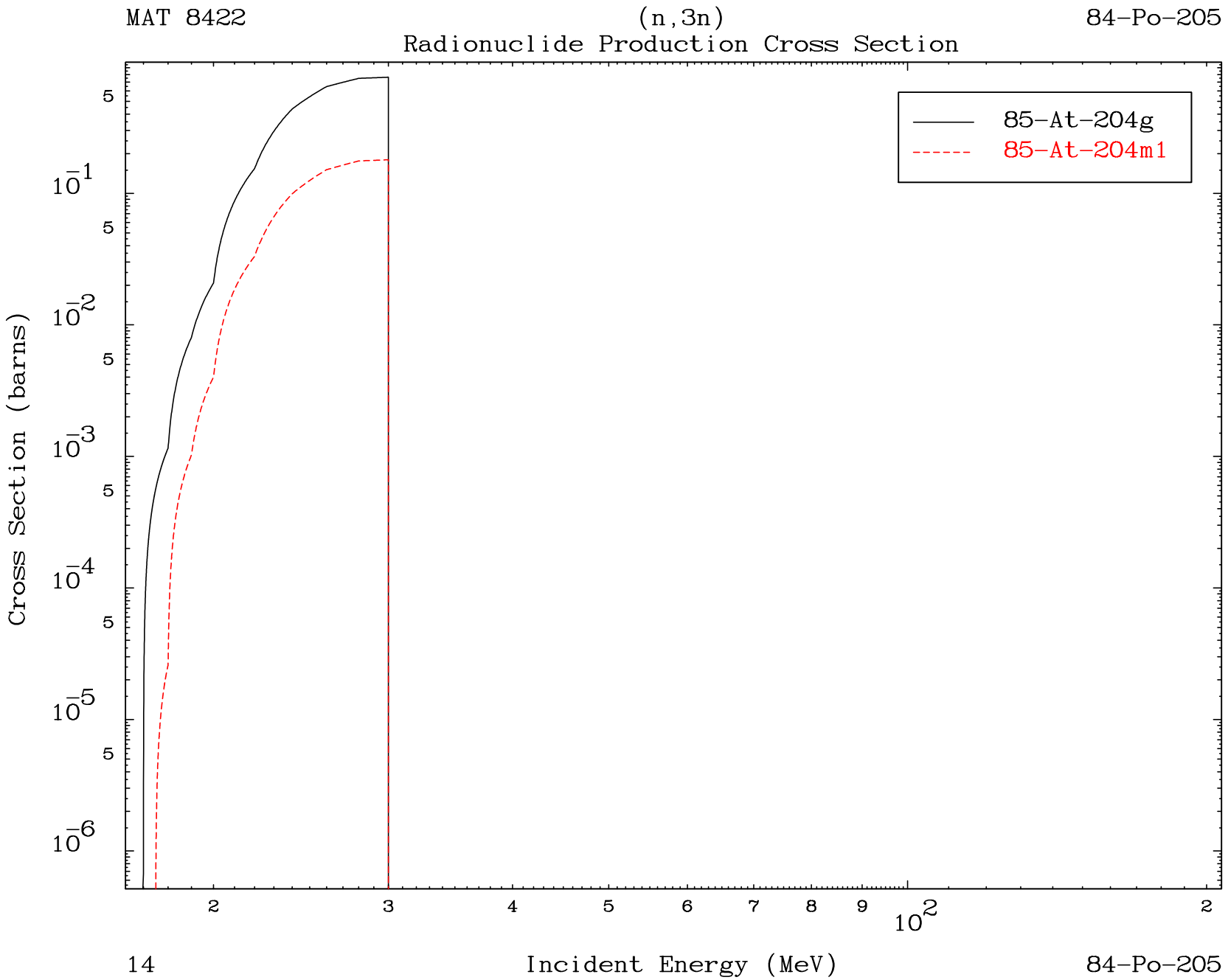

MAT 8422
(d,d) Levels
84-Po-205
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
84-Po-205

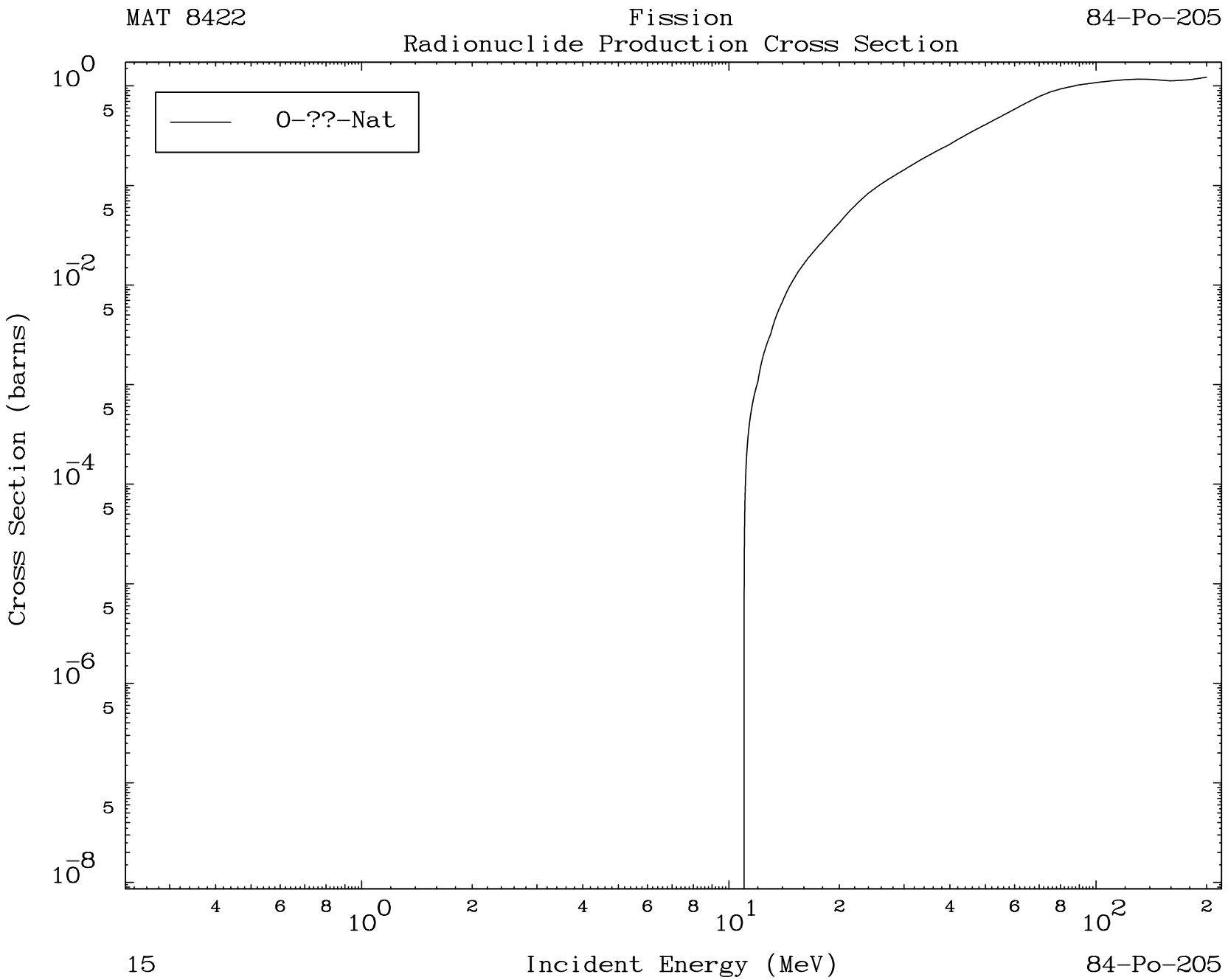

MAT 8422
(d,t) Levels
84-Po-205
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
84-Po-205

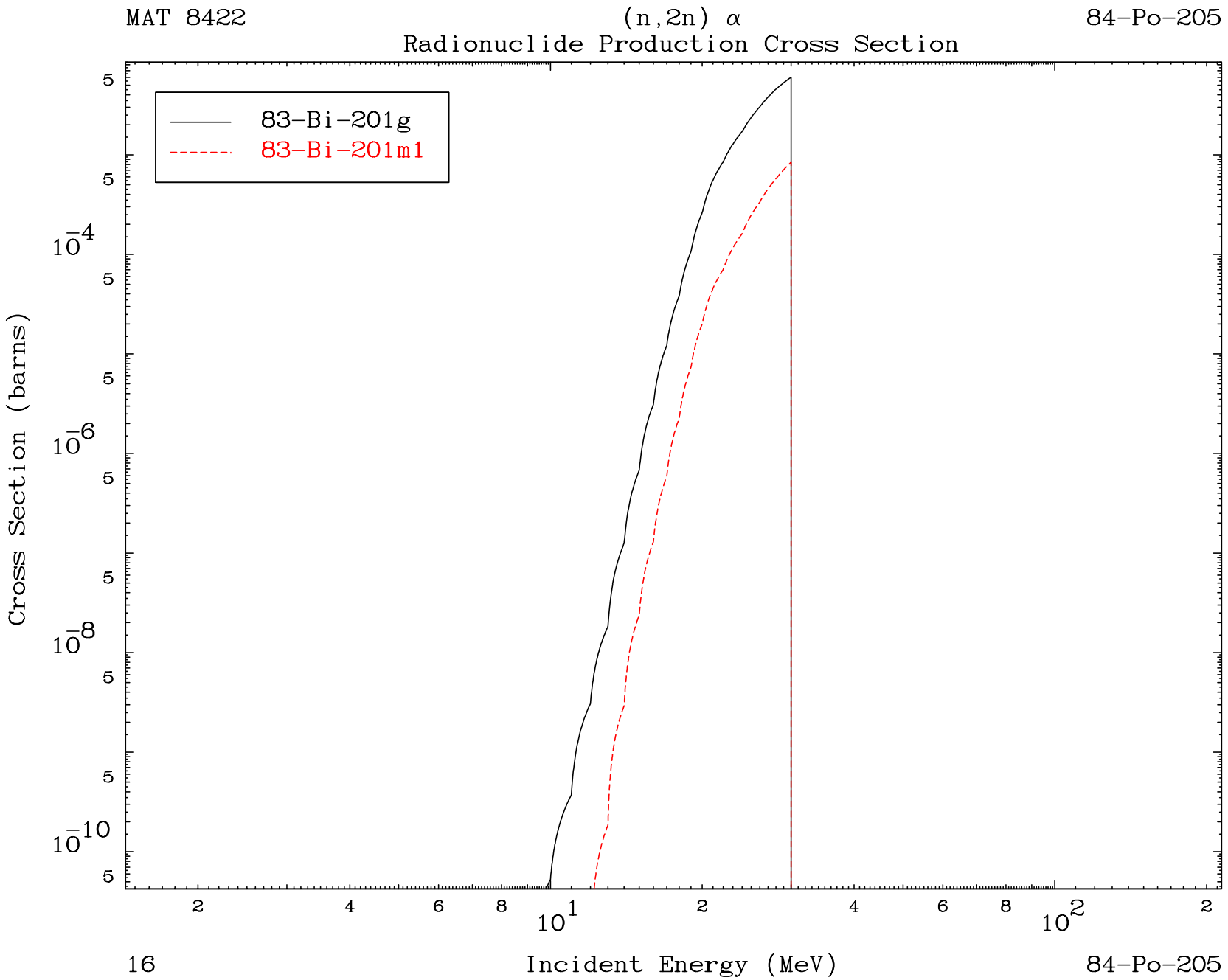

MAT 8422
(d,He3) Levels
84-Po-205
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
84-Po-205

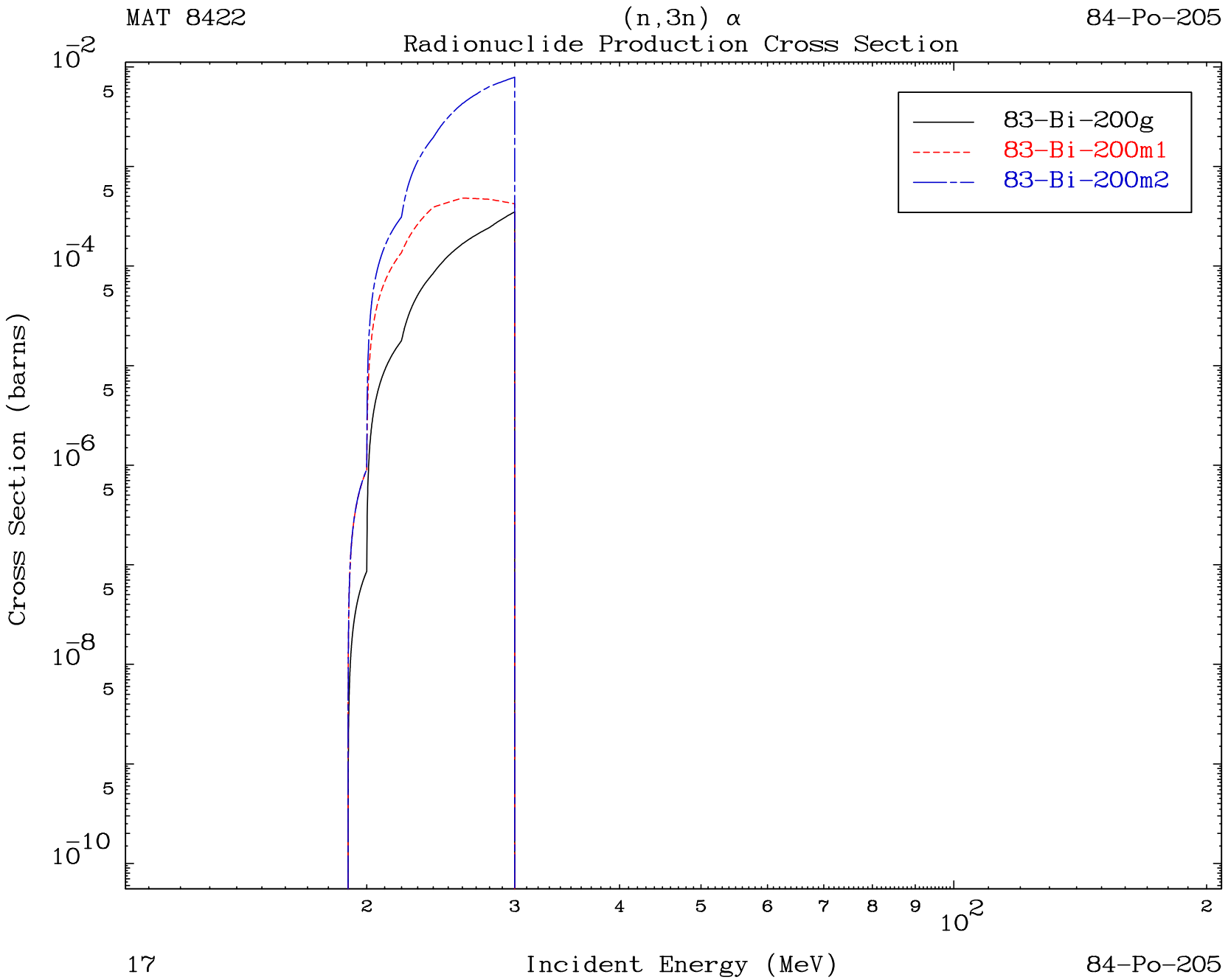

MAT 8422
(d,α) Levels
84-Po-205
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
84-Po-205

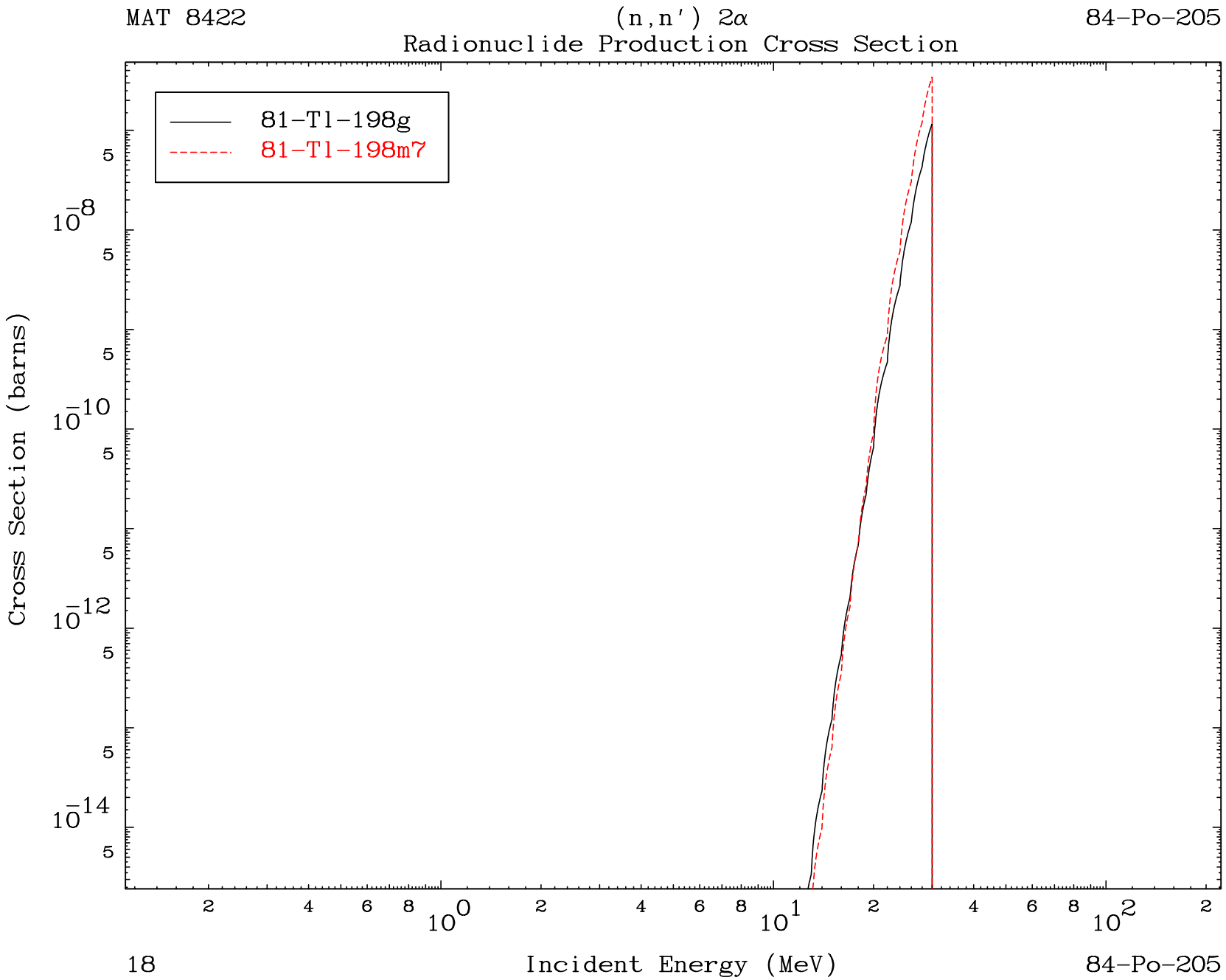

MAT 8422
(n,2n) d
84-Po-205
Radionuclide Production Cross Section
84-Po-203g
84-Po-203m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
102
2
13
Incident Energy (MeV)
84-Po-205

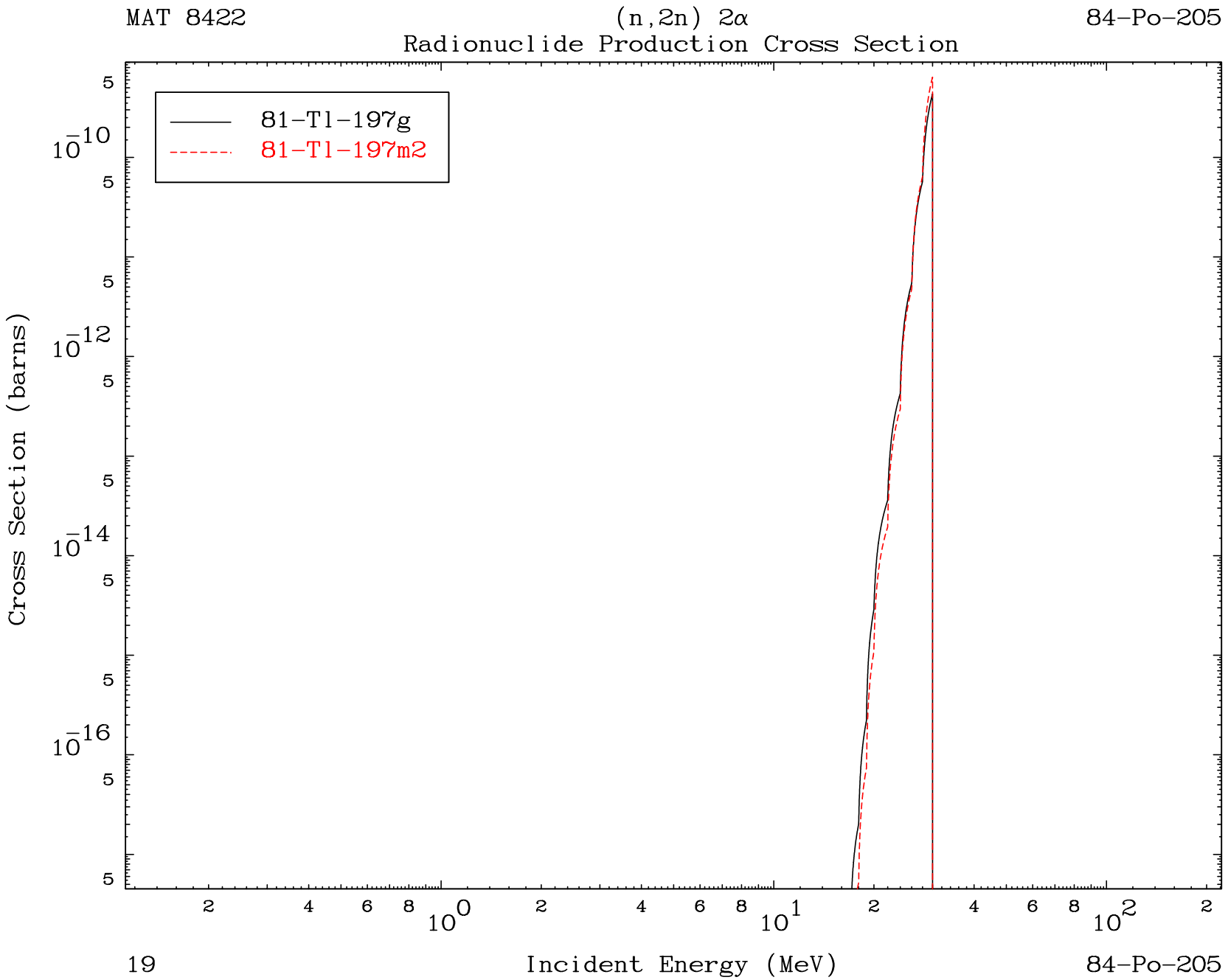

MAT 8422
(n,3n)
84-Po-205
Radionuclide Production Cross Section
85-At-204g
85-At-204m1
Cross Section (barns)
Incident Energy (MeV)
14
84-Po-205

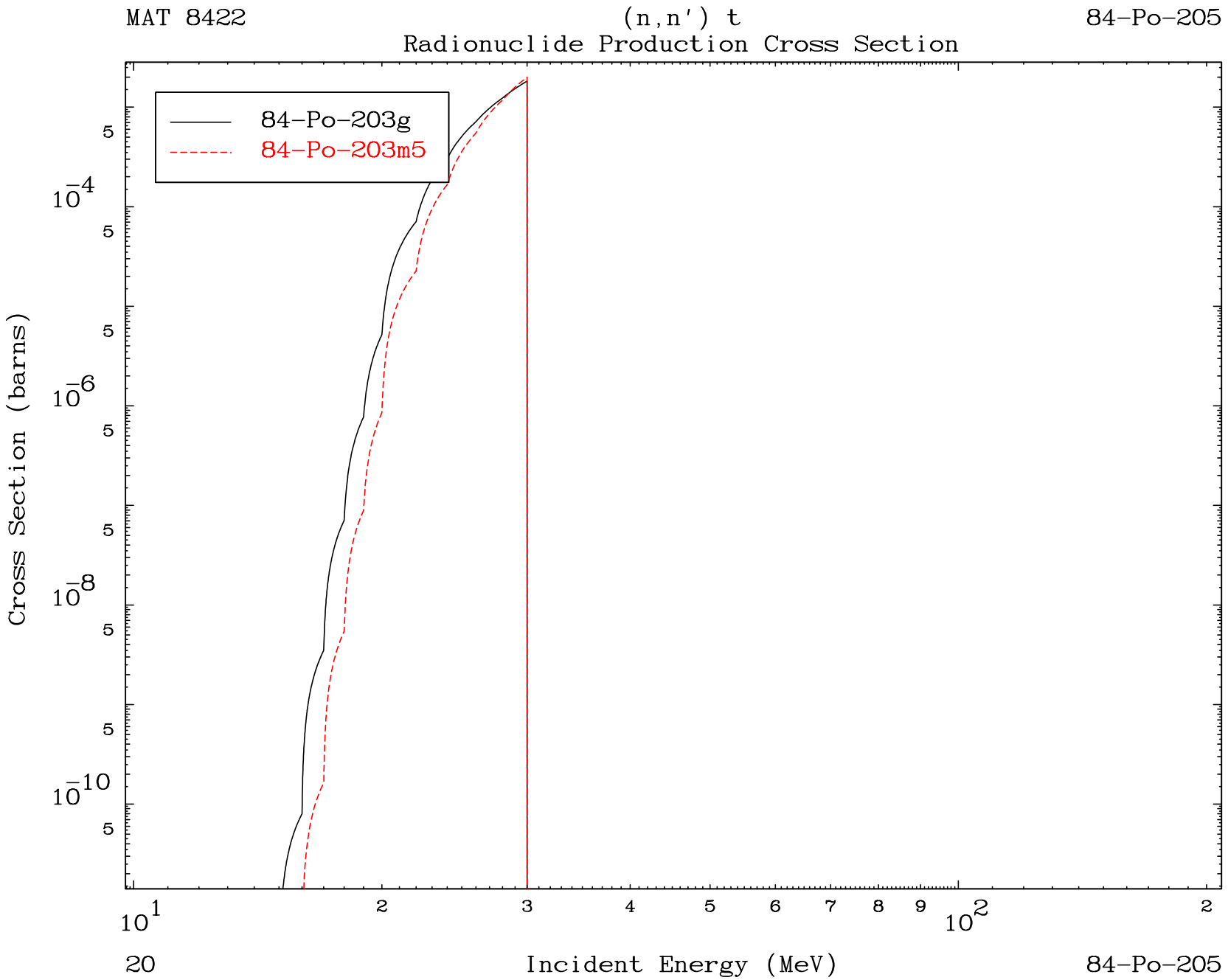

MAT 8422
Fission
84-Po-205
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
84-Po-205

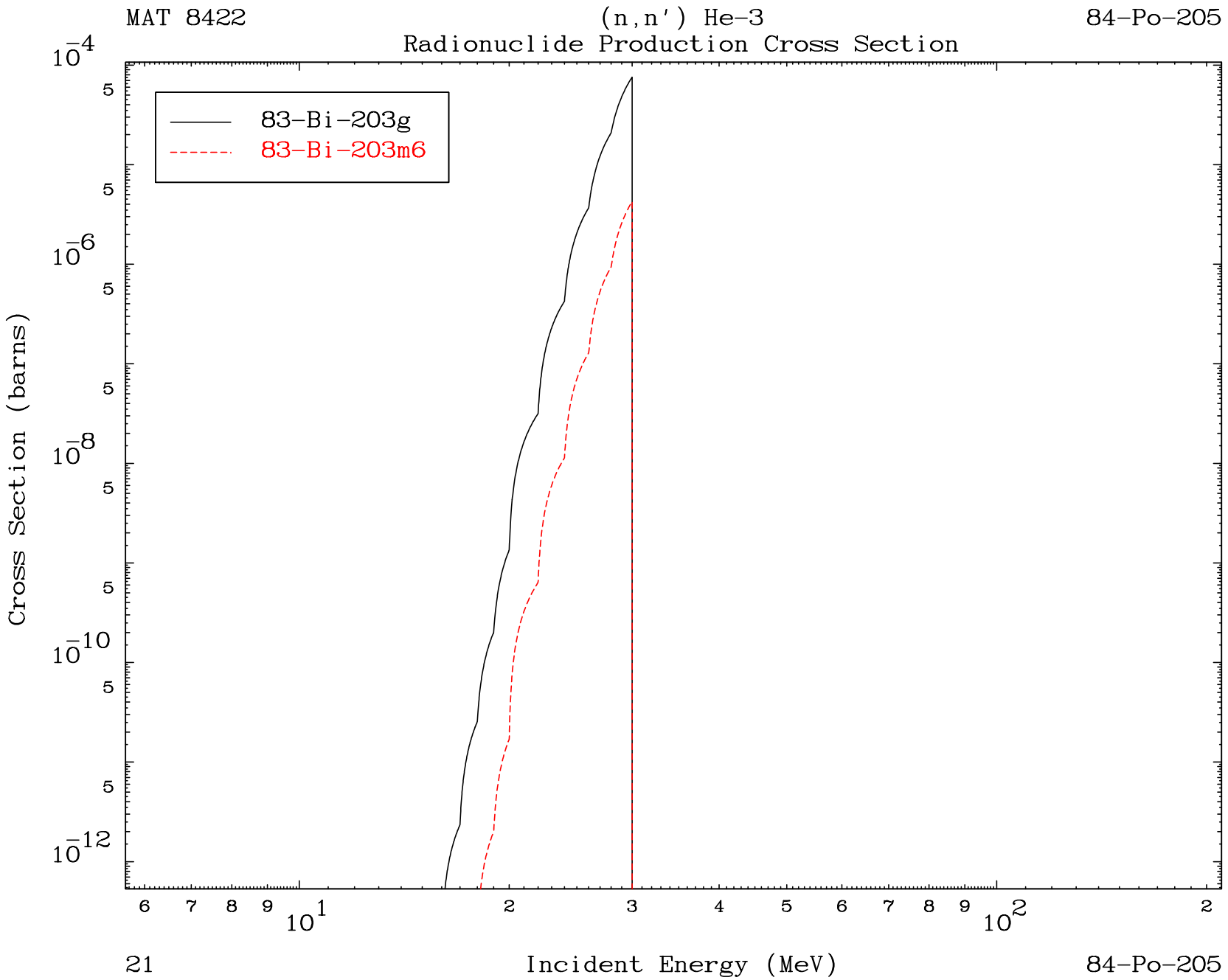

MAT 8422
(n,2n) α
84-Po-205
Radionuclide Production Cross Section
83-Bi-201g
83-Bi-201m1
Cross Section (barns)
Incident Energy (MeV)
16
84-Po-205

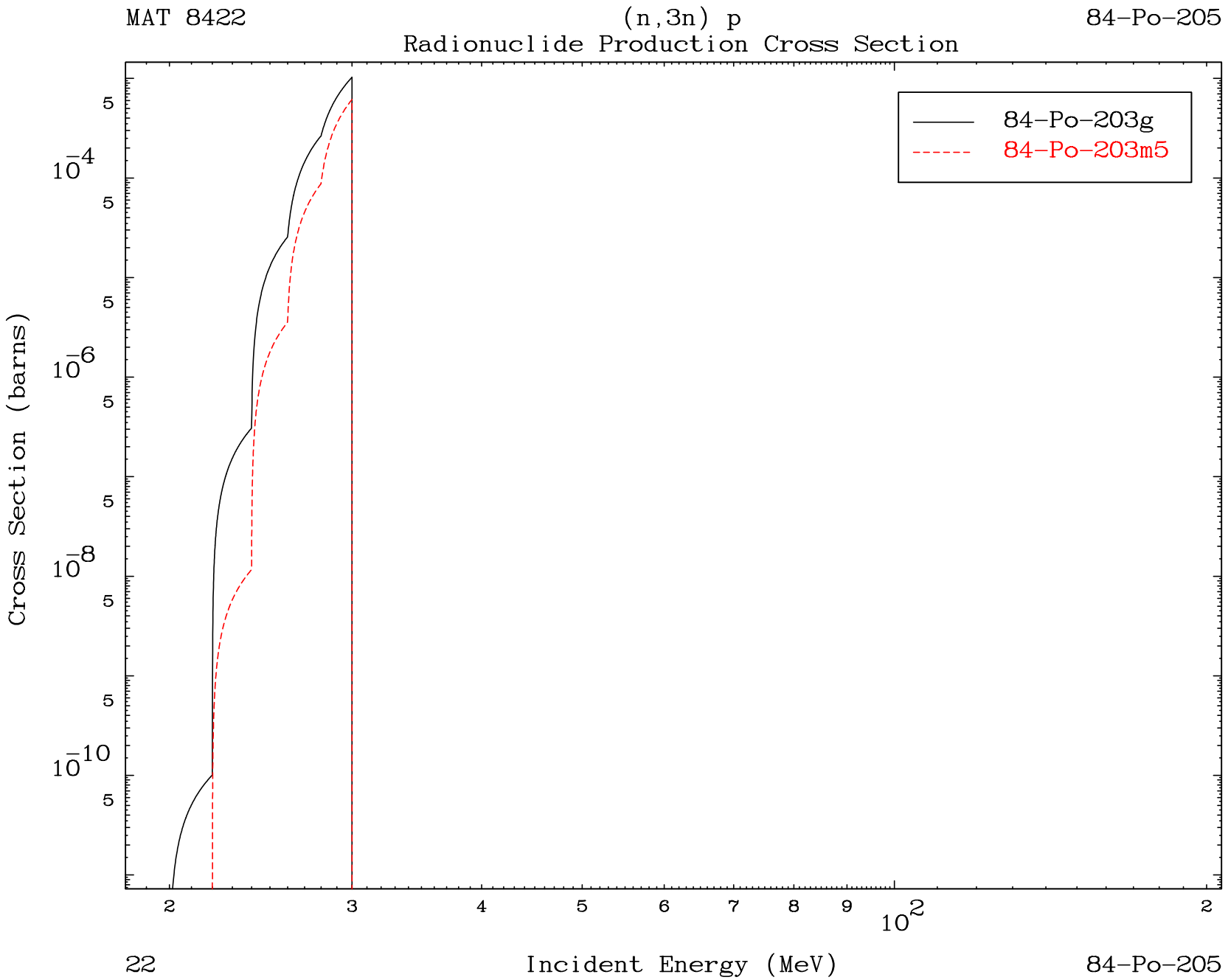

MAT 8422
(n,3n) α
84-Po-205
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
84-Po-205

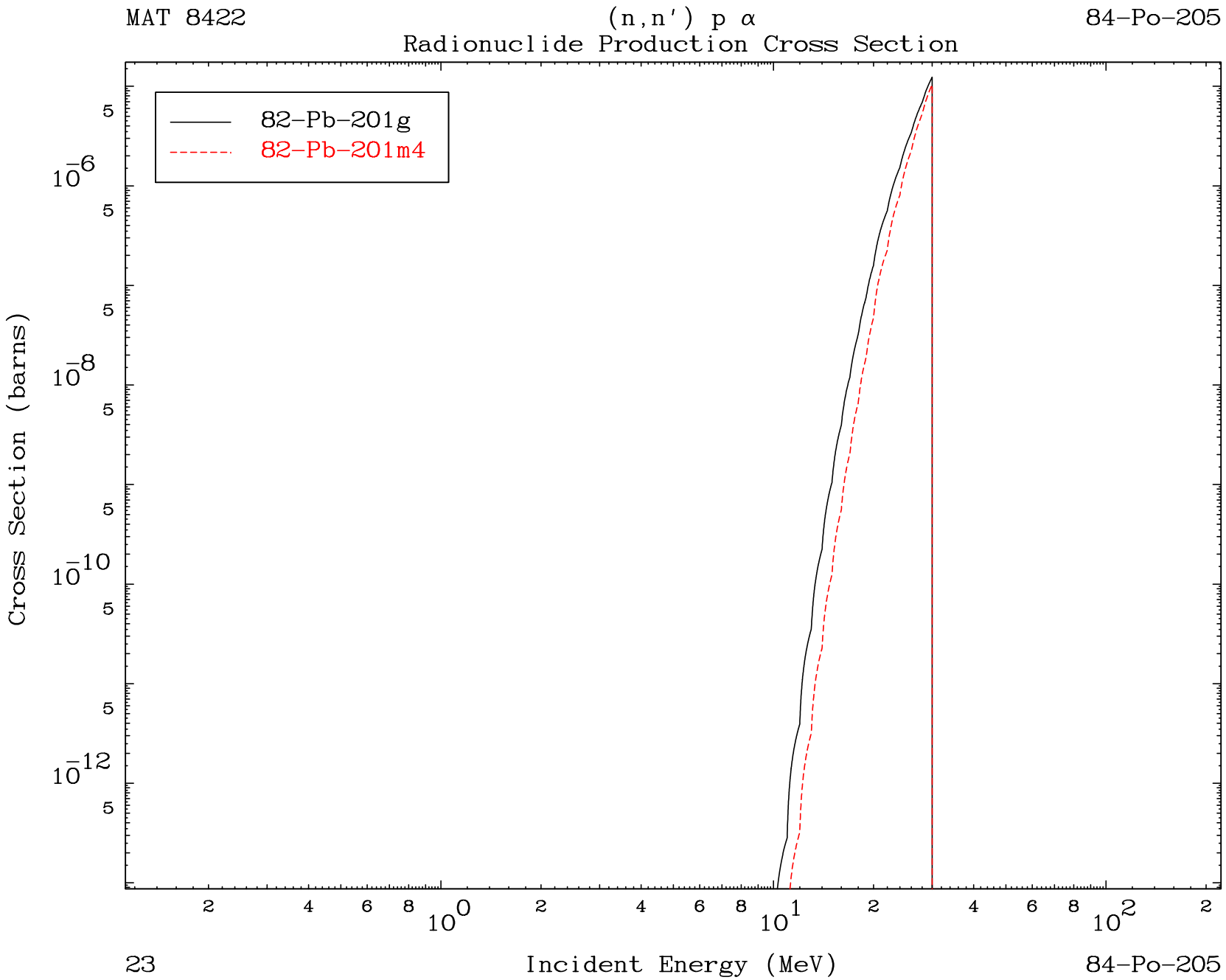

MAT 8422
(n,n') 2α
84-Po-205
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-205

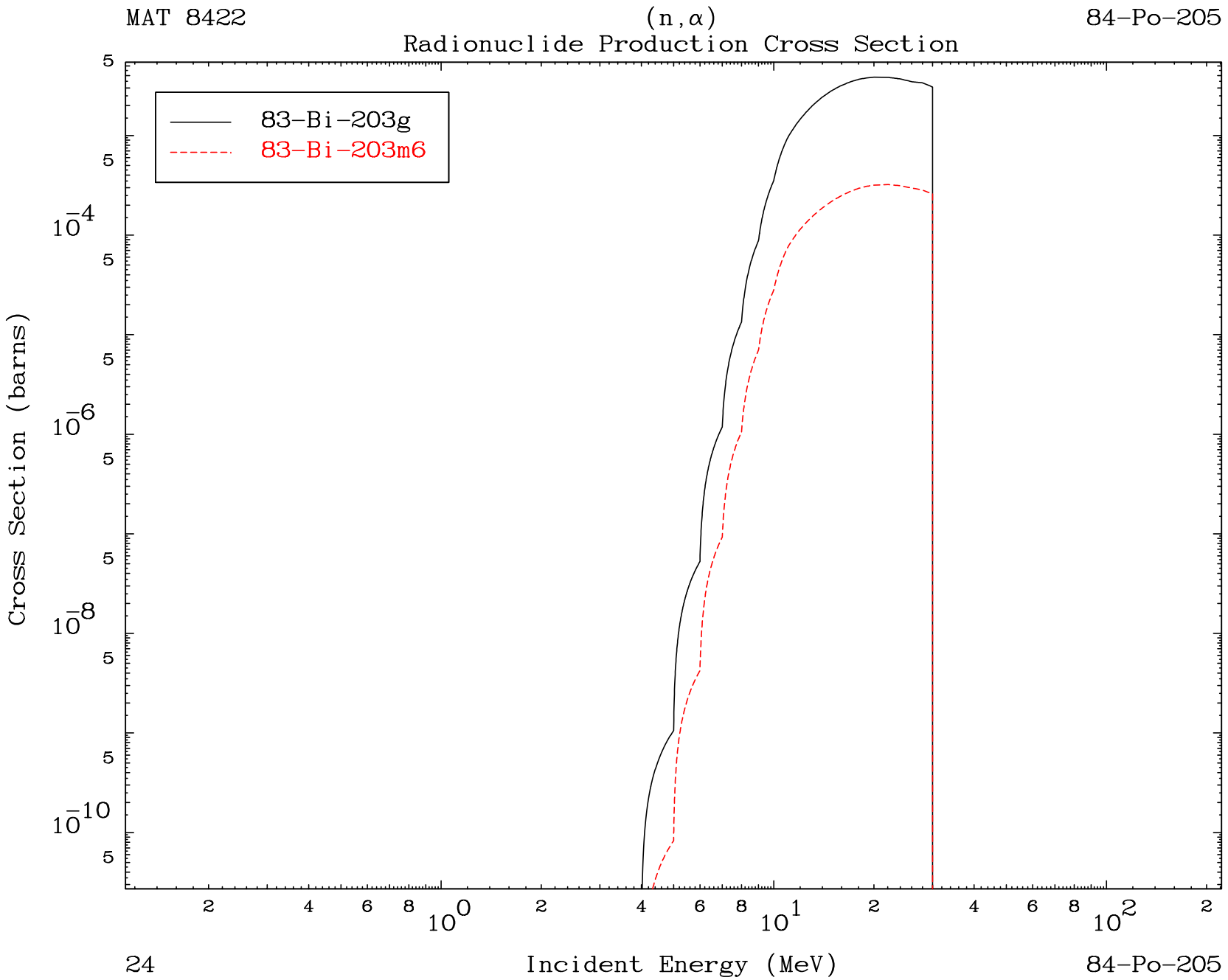

MAT 8422
(n,2n) 2α
84-Po-205
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
Incident Energy (MeV)
19
84-Po-205

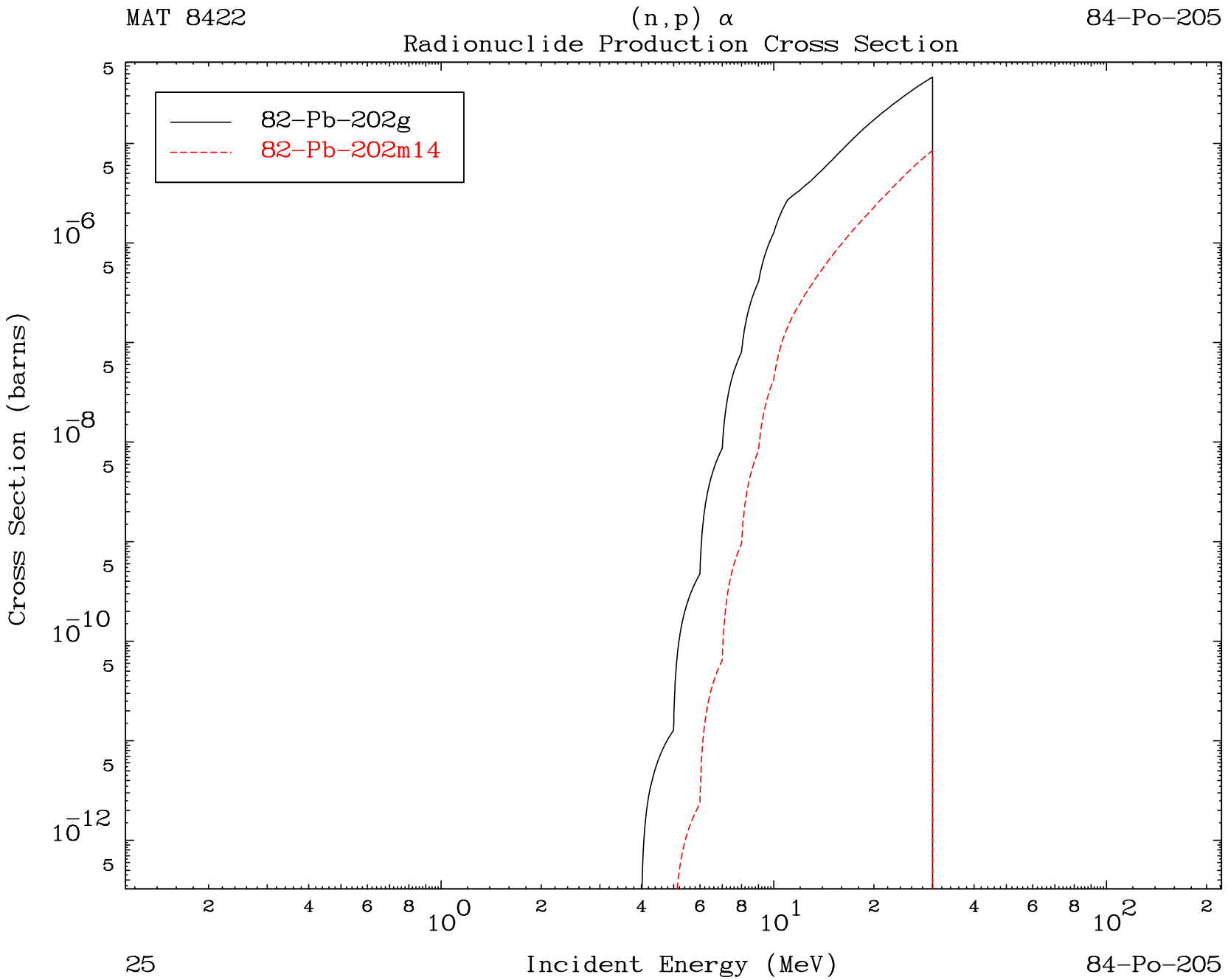

MAT 8422
(n,n') t
84-Po-205
Radionuclide Production Cross Section
84-Po-203g
84-Po-203m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
84-Po-205

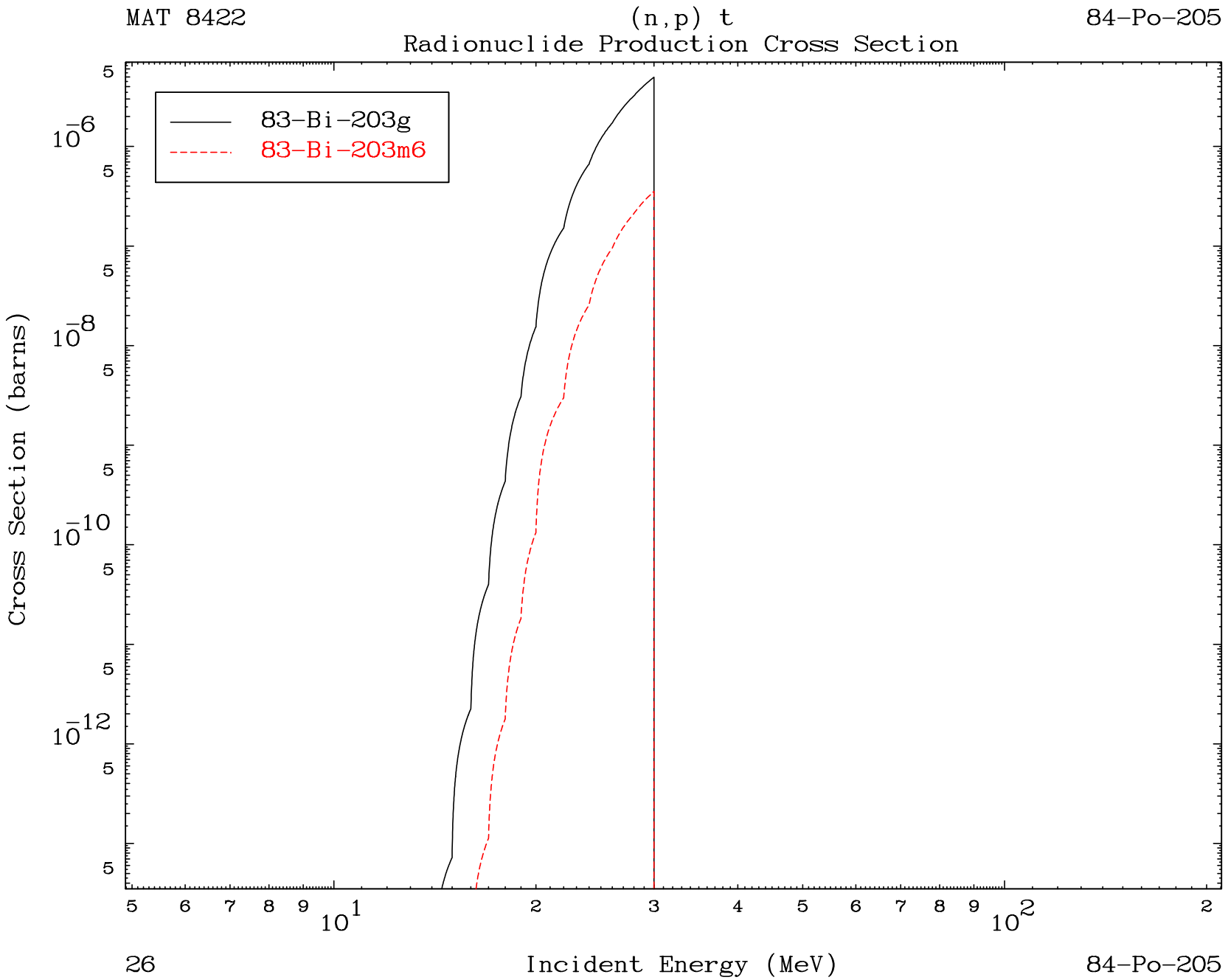

MAT 8422
(n,n') He-3
84-Po-205
Radionuclide Production Cross Section
83-Bi-203g
83-Bi-203m6
Cross Section (barns)
Incident Energy (MeV)
21
84-Po-205

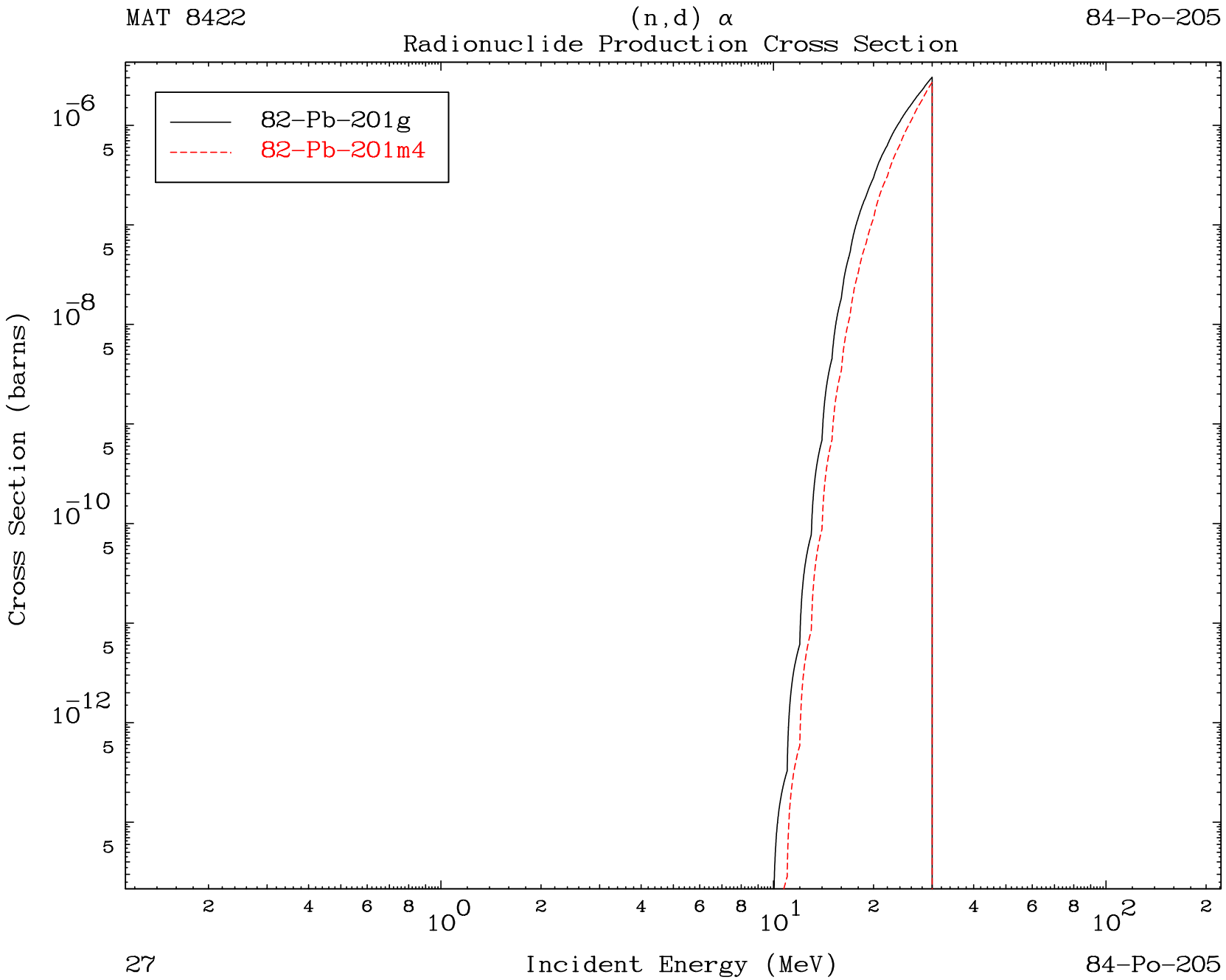

MAT 8422
(n,3n) p
84-Po-205
Radionuclide Production Cross Section
84-Po-203g
84-Po-203m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
84-Po-205


MAT 8422
(n,n') p α
84-Po-205
Radionuclide Production Cross Section
82-Pb-201g
82-Pb-201m4
Cross Section (barns)
10-6
10-8
10-10
10-12
100
101
102
Incident Energy (MeV)
23
84-Po-205


MAT 8422
(n,α)
84-Po-205
Radionuclide Production Cross Section
83-Bi-203g
83-Bi-203m6
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
24
84-Po-205


MAT 8422
(n,p) α
84-Po-205
Radionuclide Production Cross Section
82-Pb-202g
82-Pb-202m14
Cross Section (barns)
Incident Energy (MeV)
25
84-Po-205


MAT 8422
(n,p) t
84-Po-205
Radionuclide Production Cross Section
83-Bi-203g
83-Bi-203m6
Cross Section (barns)
Incident Energy (MeV)
26
84-Po-205


MAT 8422
(n,d) α
84-Po-205
Radionuclide Production Cross Section
82-Pb-201g
82-Pb-201m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^0
10^1
10^2
2
4
6
8
27
Incident Energy (MeV)
84-Po-205