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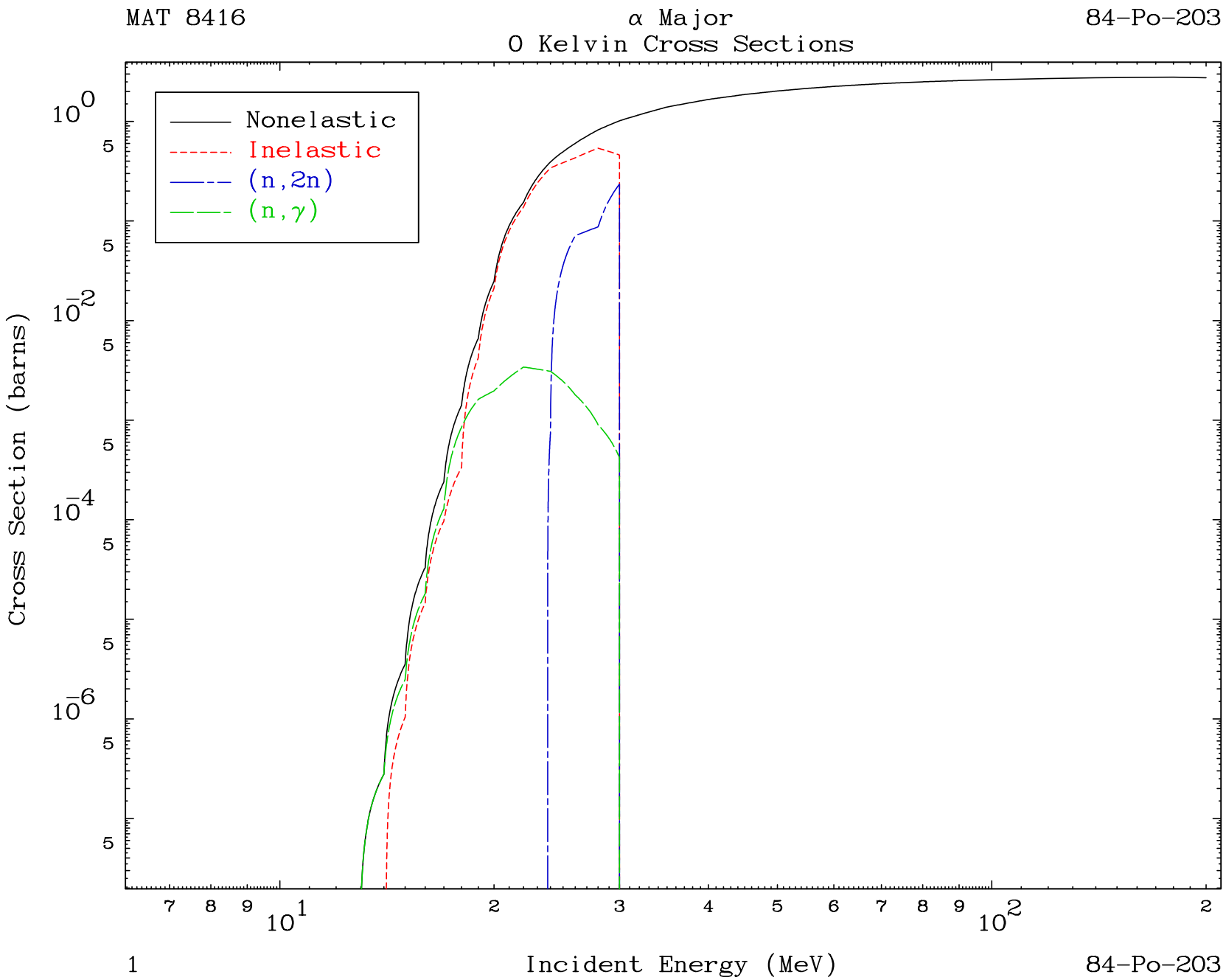
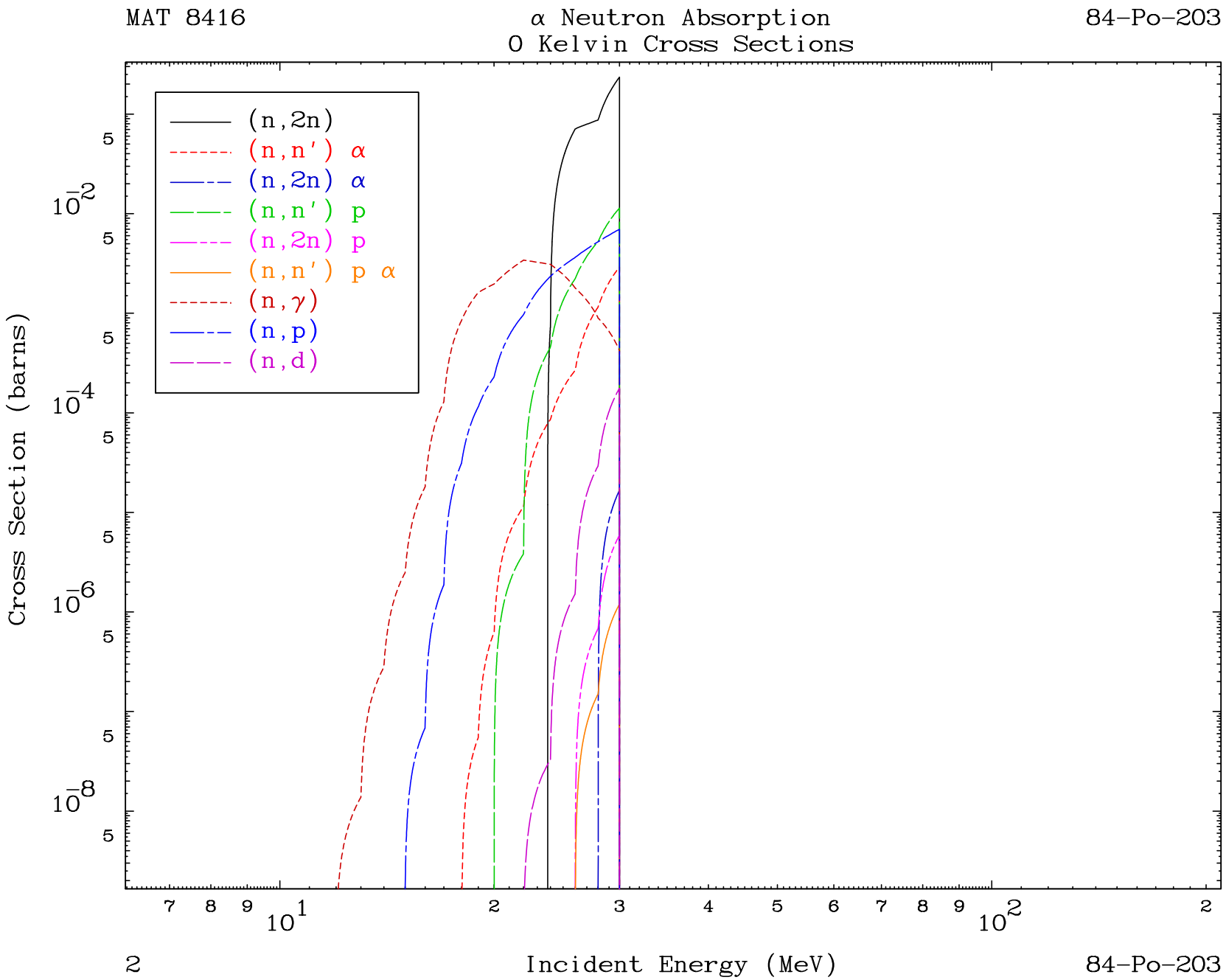
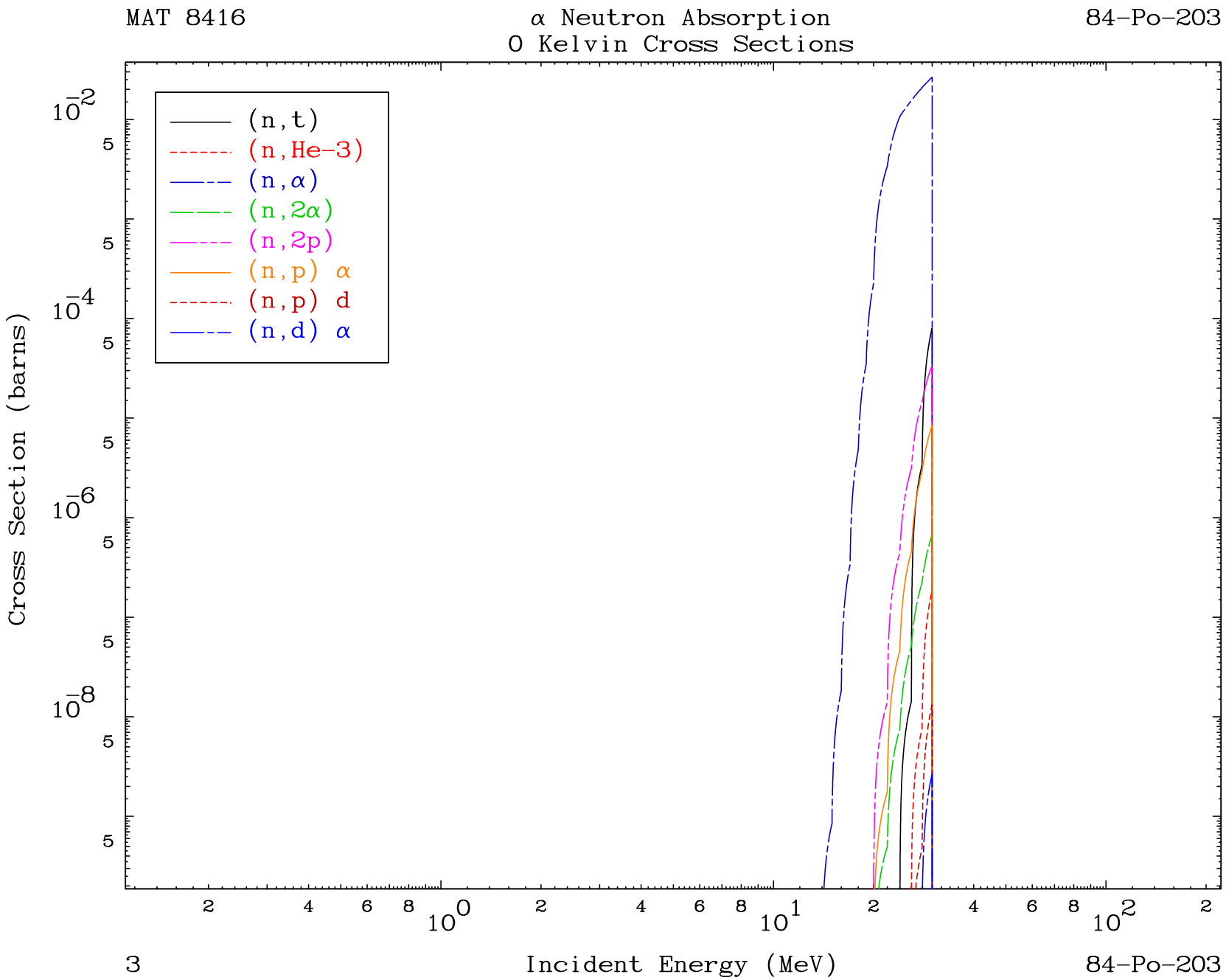
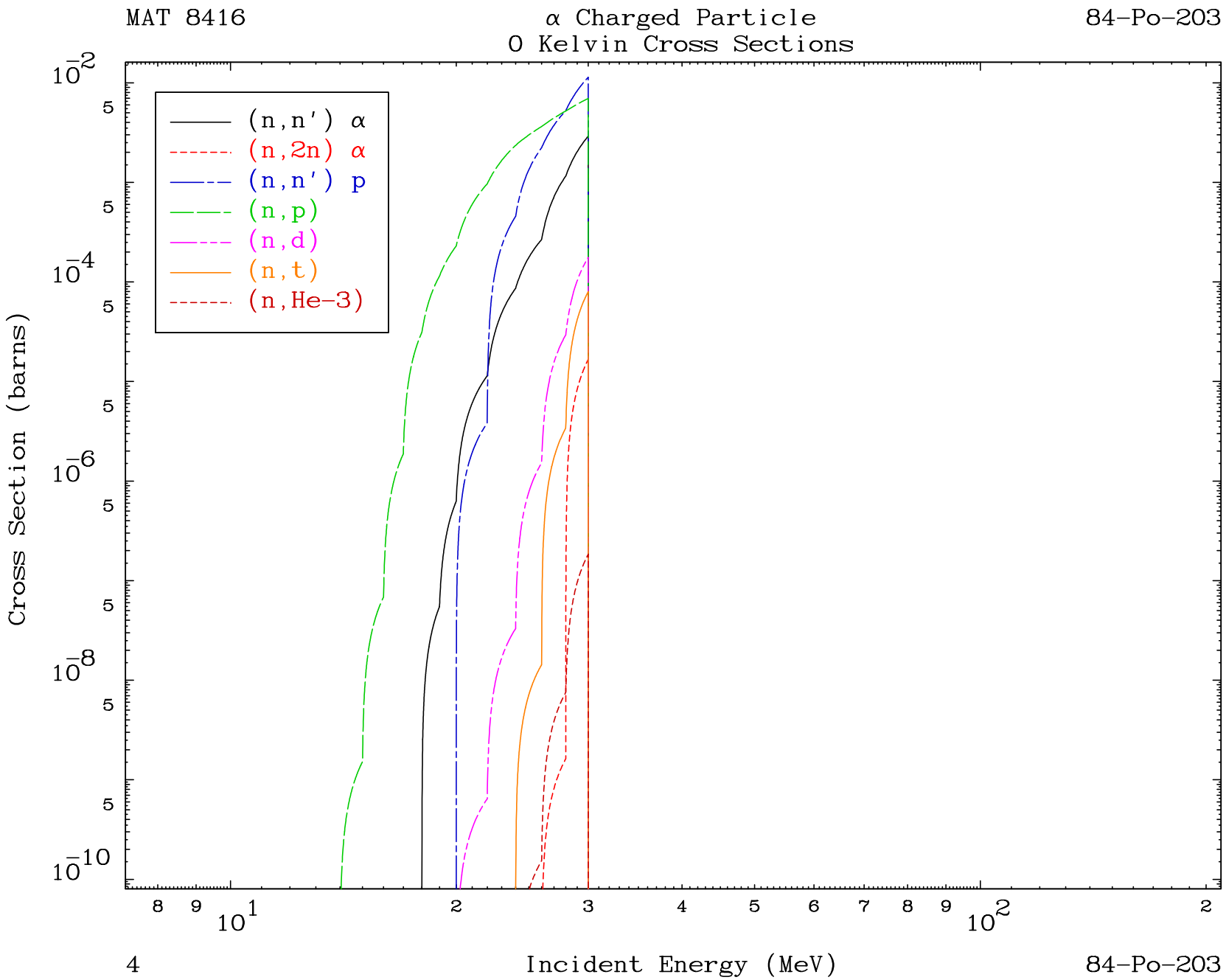
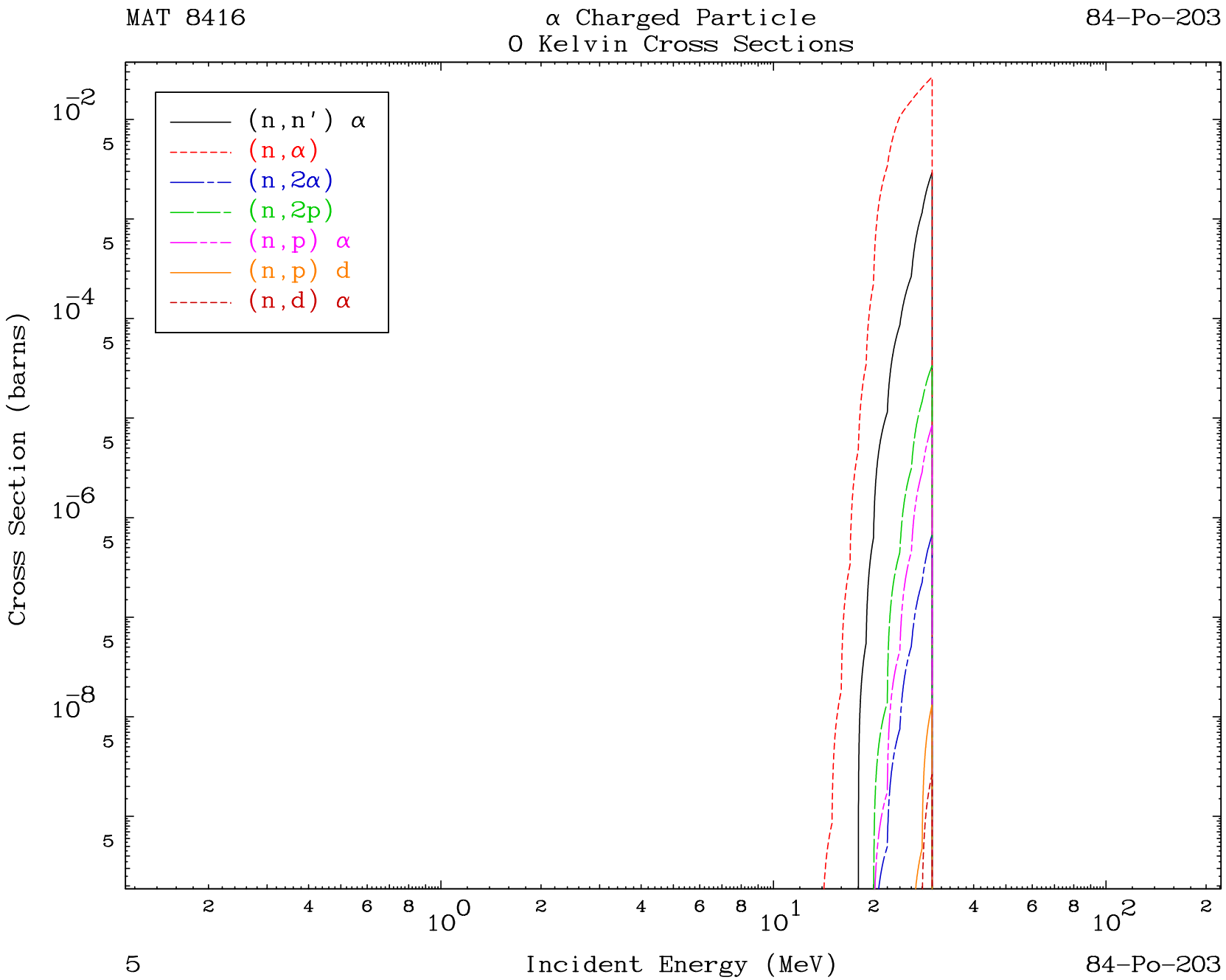
Press Mouse Button to Start

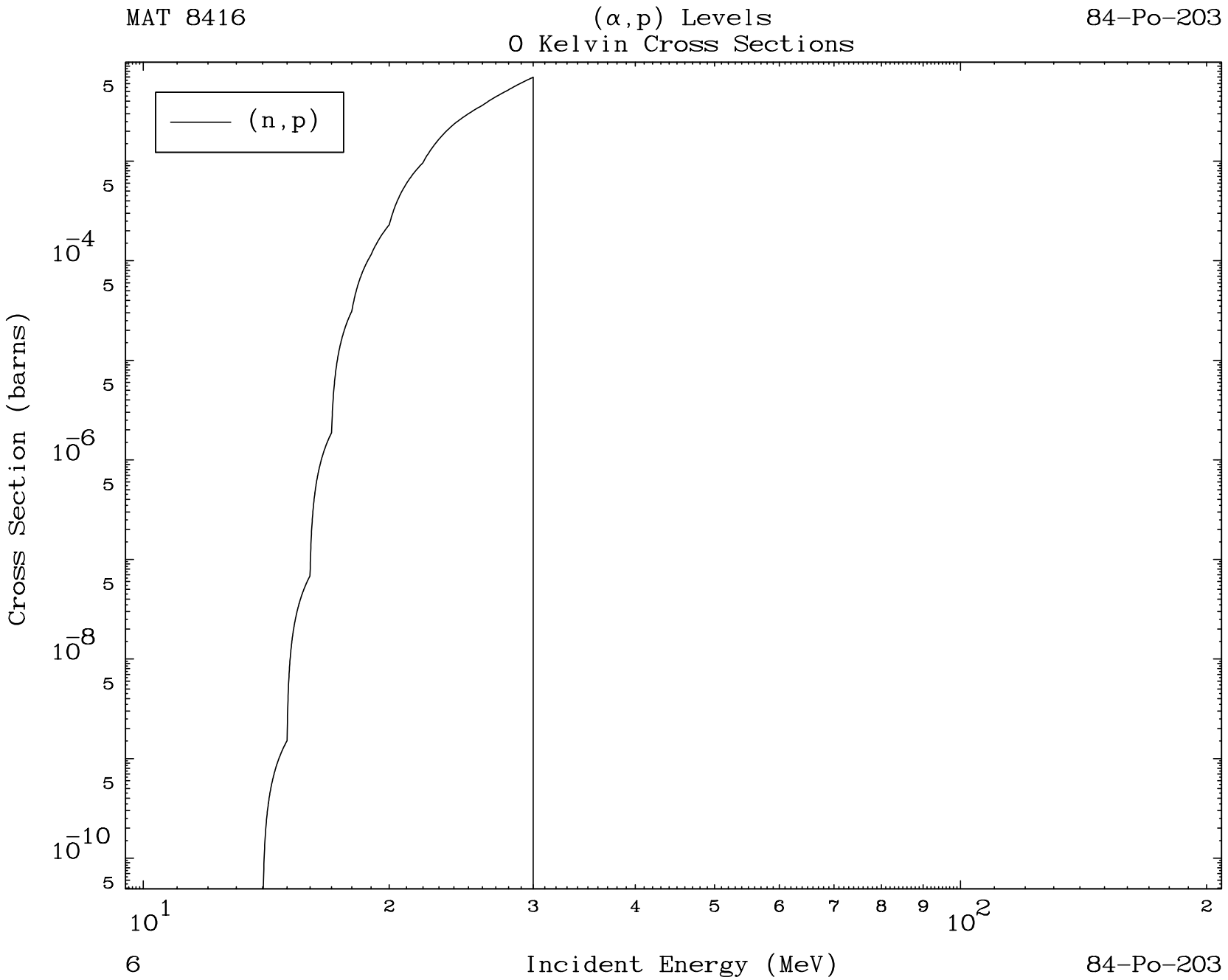

MAT 8416
α Major
84-Po-203
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-203
1

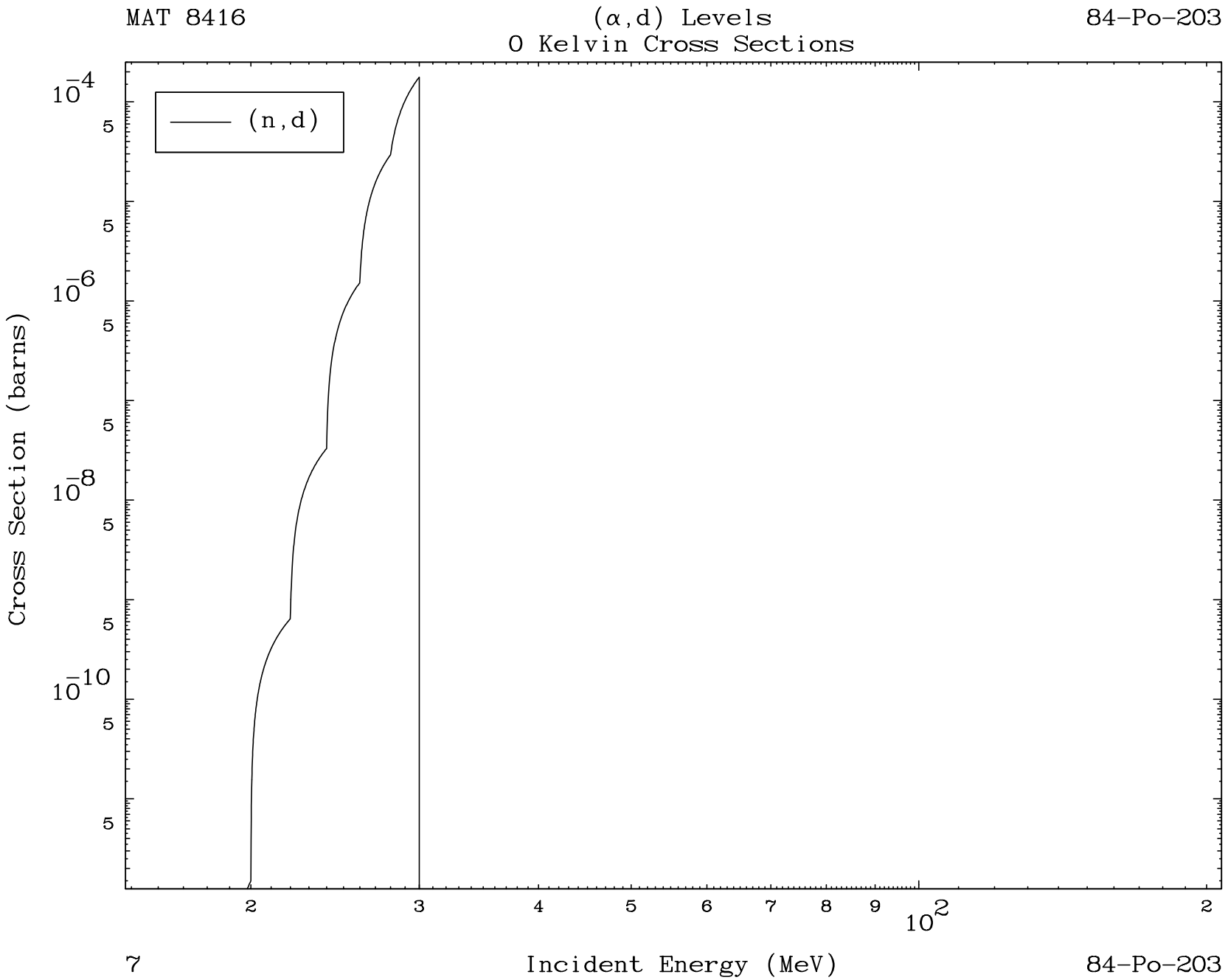

MAT 8416
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-203
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
84-Po-203
2

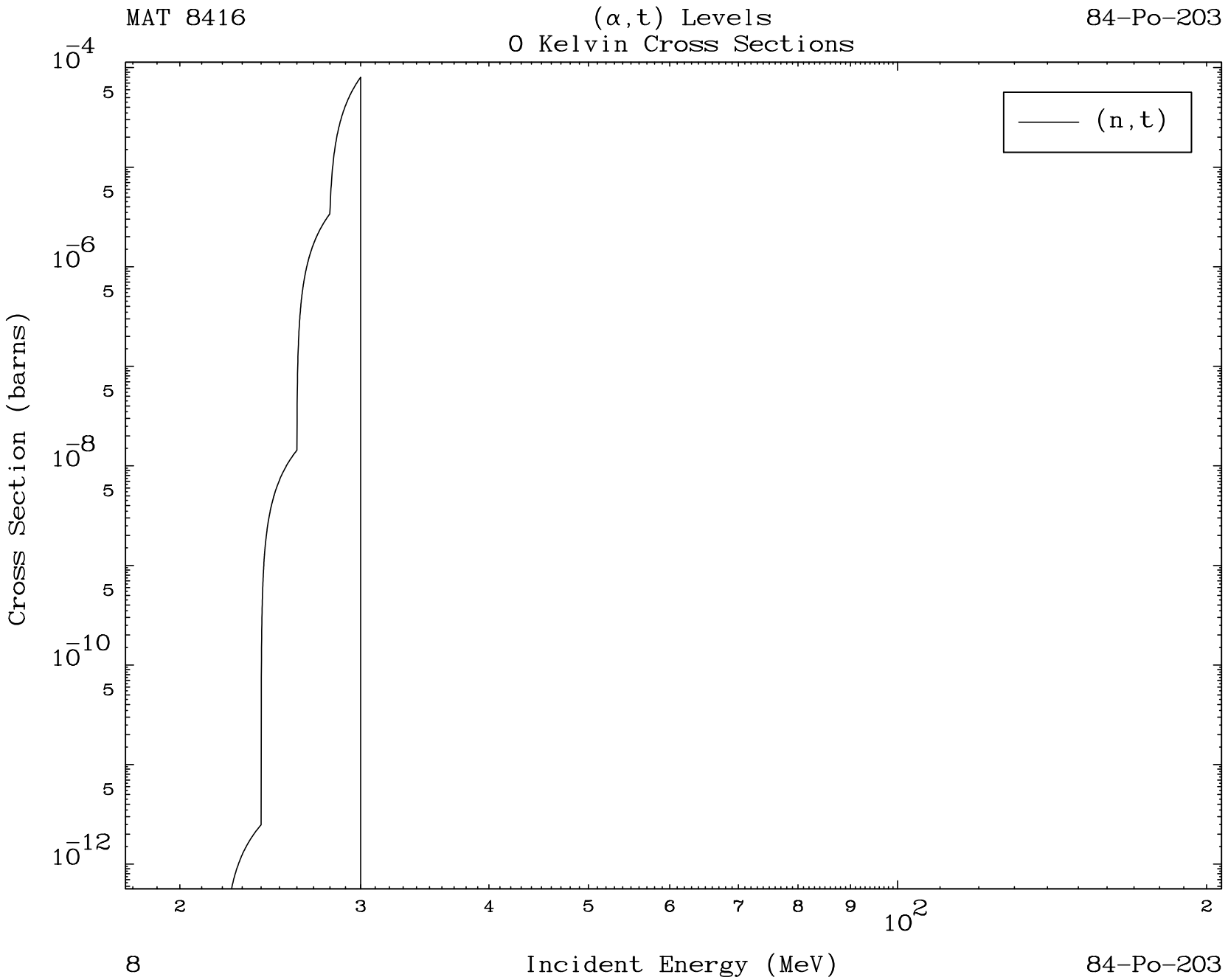

MAT 8416
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-203
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-203


MAT 8416
α Charged Particle
0 Kelvin Cross Sections
84-Po-203
(n,n') α
(n,2n) α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
84-Po-203
4

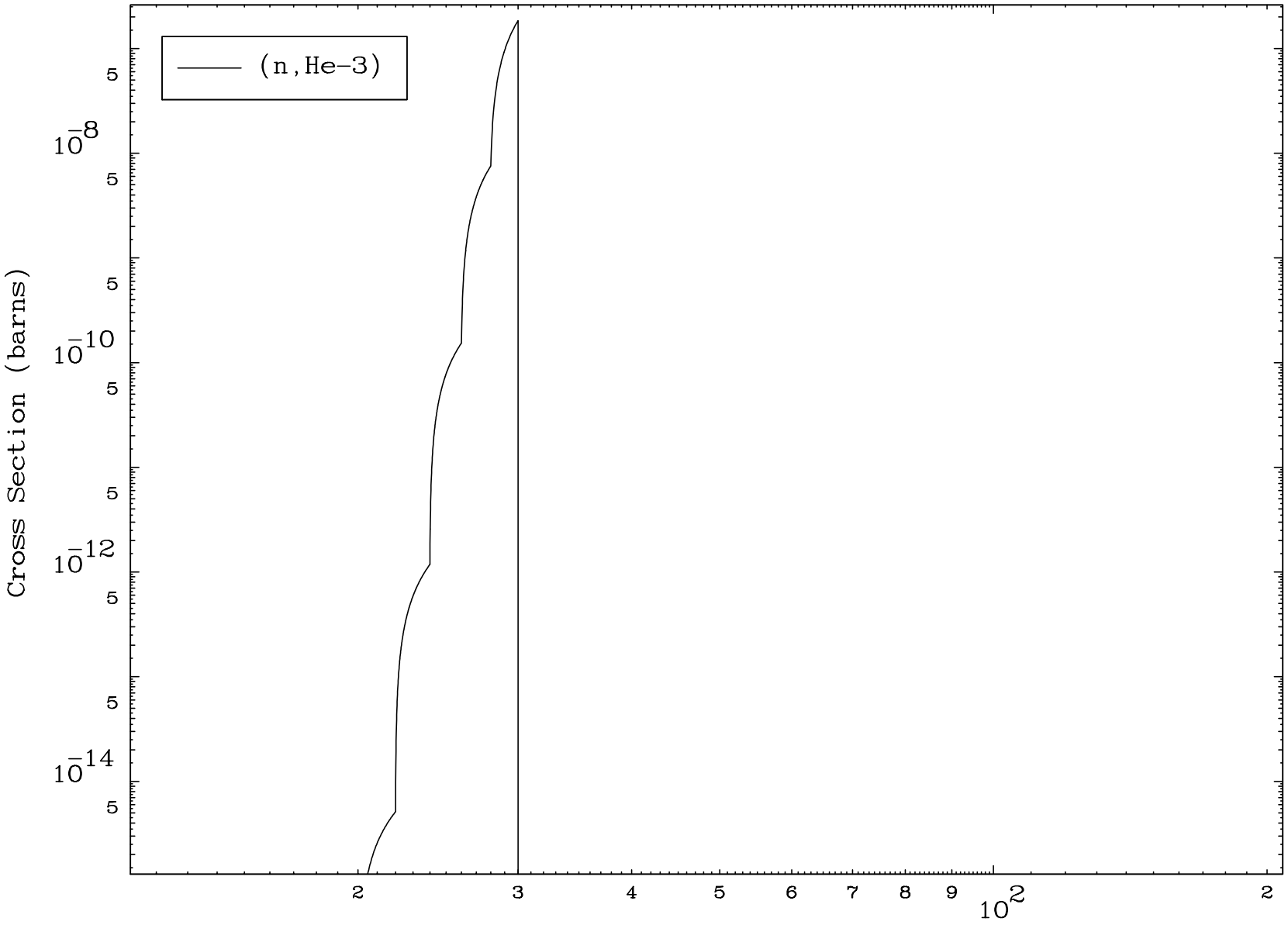

MAT 8416
α Charged Particle
0 Kelvin Cross Sections
84-Po-203
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-203
5

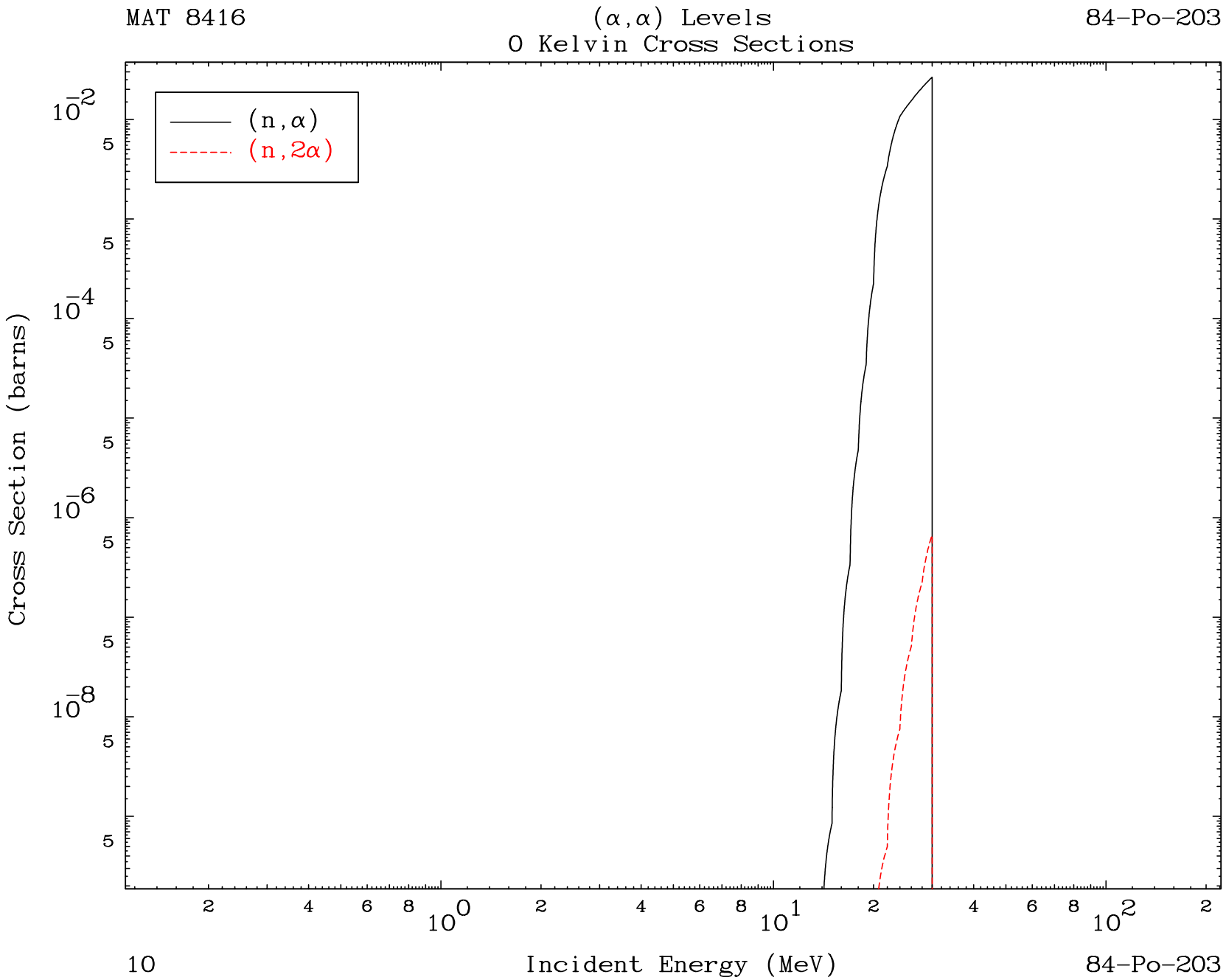

MAT 8416
(α,p) Levels
84-Po-203
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
84-Po-203
6

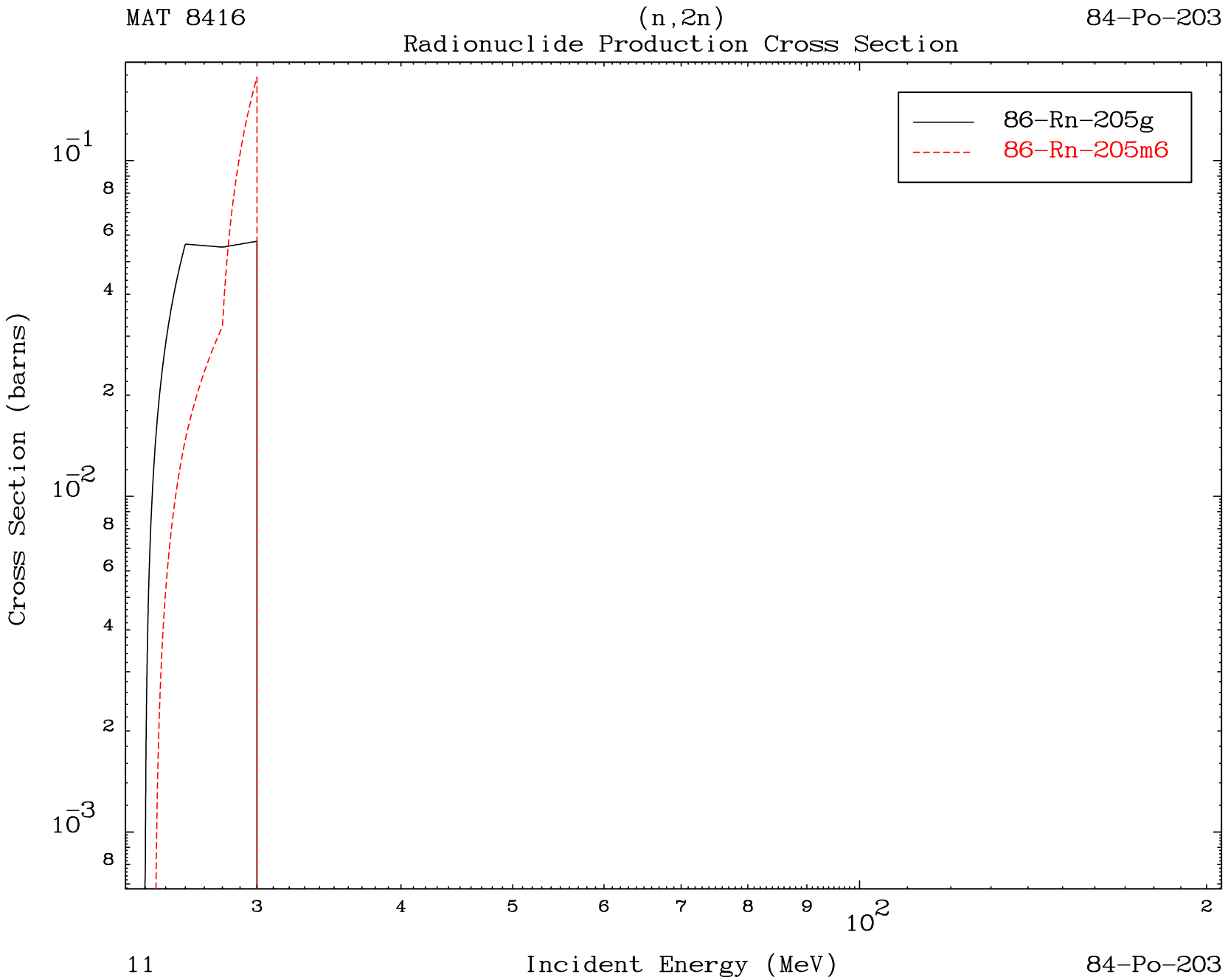

MAT 8416
(α,d) Levels
84-Po-203
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
84-Po-203

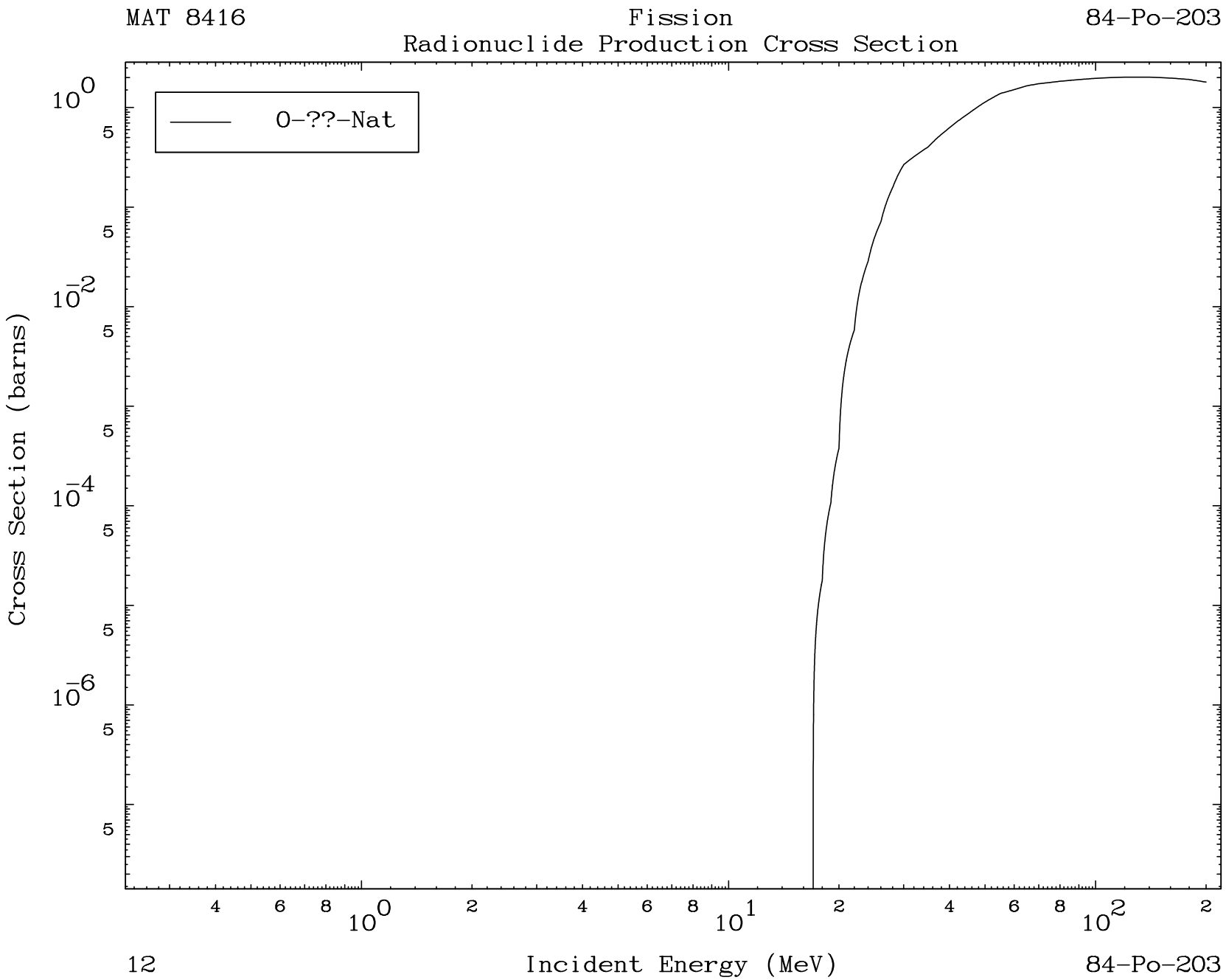

MAT 8416
(α,t) Levels
84-Po-203
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
84-Po-203

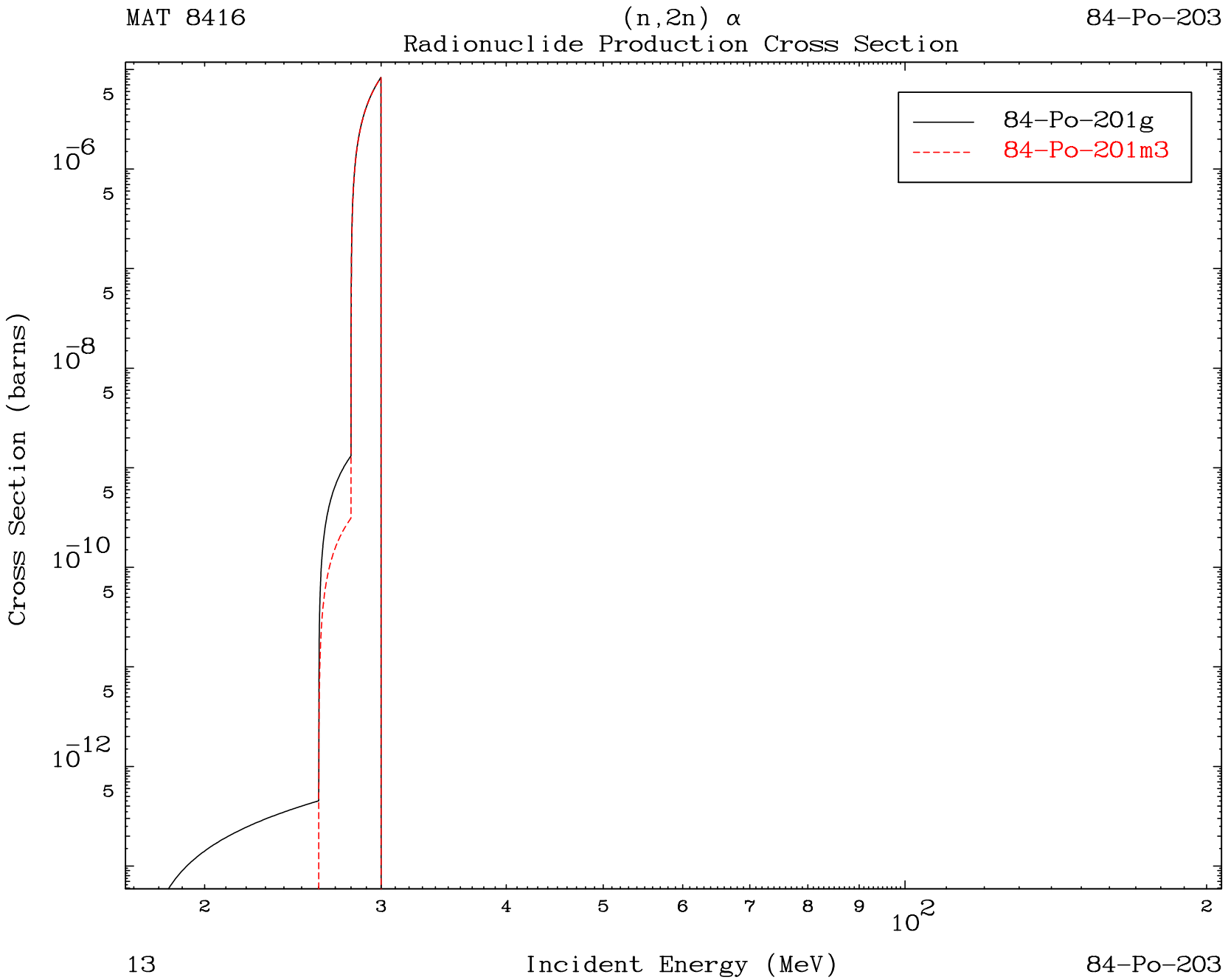
0 Kelvin Cross Sections

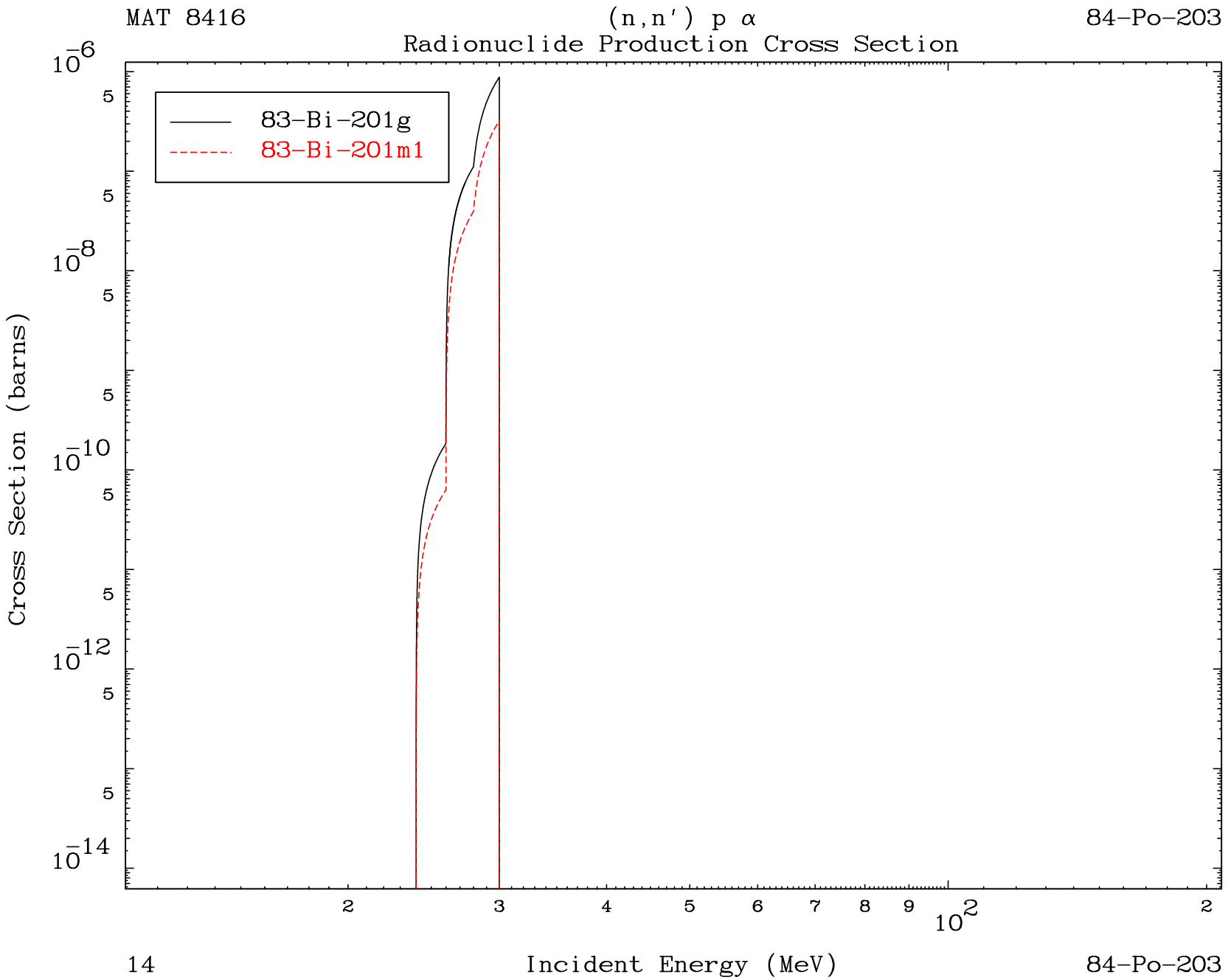


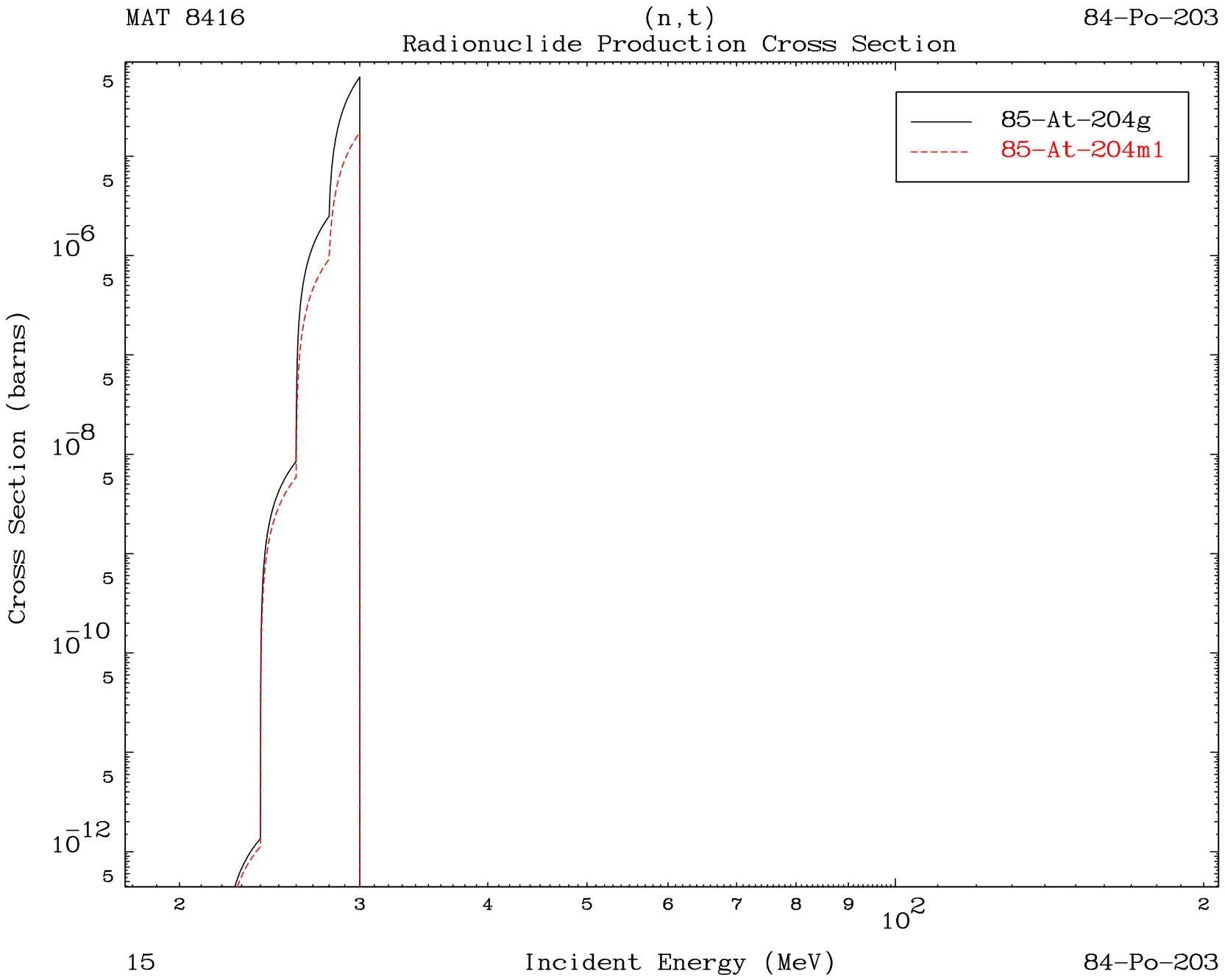

MAT 8416
(α,α) Levels
84-Po-203
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
84-Po-203

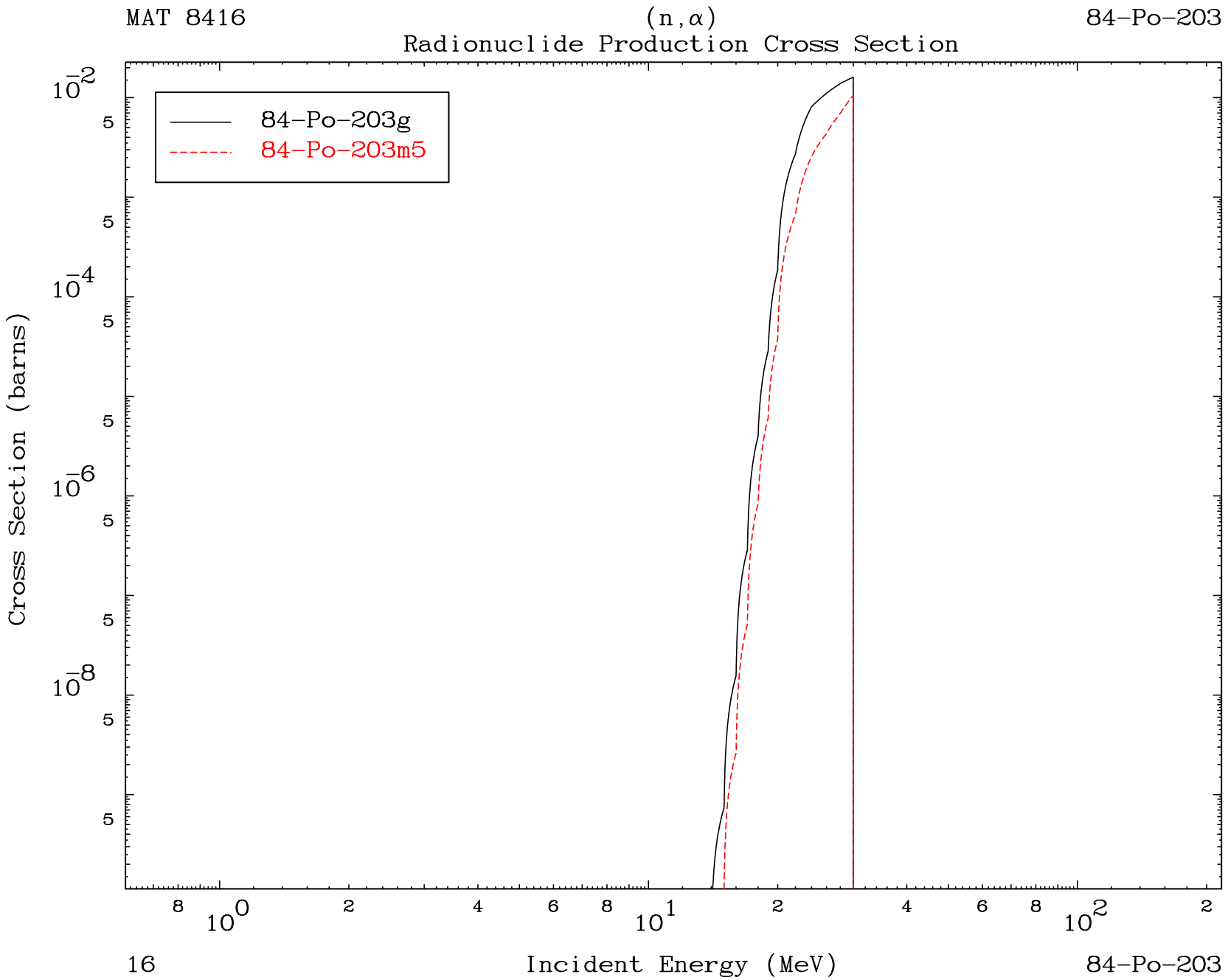

MAT 8416
(n,2n)
84-Po-203
Radionuclide Production Cross Section
86-Rn-205g
86-Rn-205m6
Cross Section (barns)
Incident Energy (MeV)
11
84-Po-203

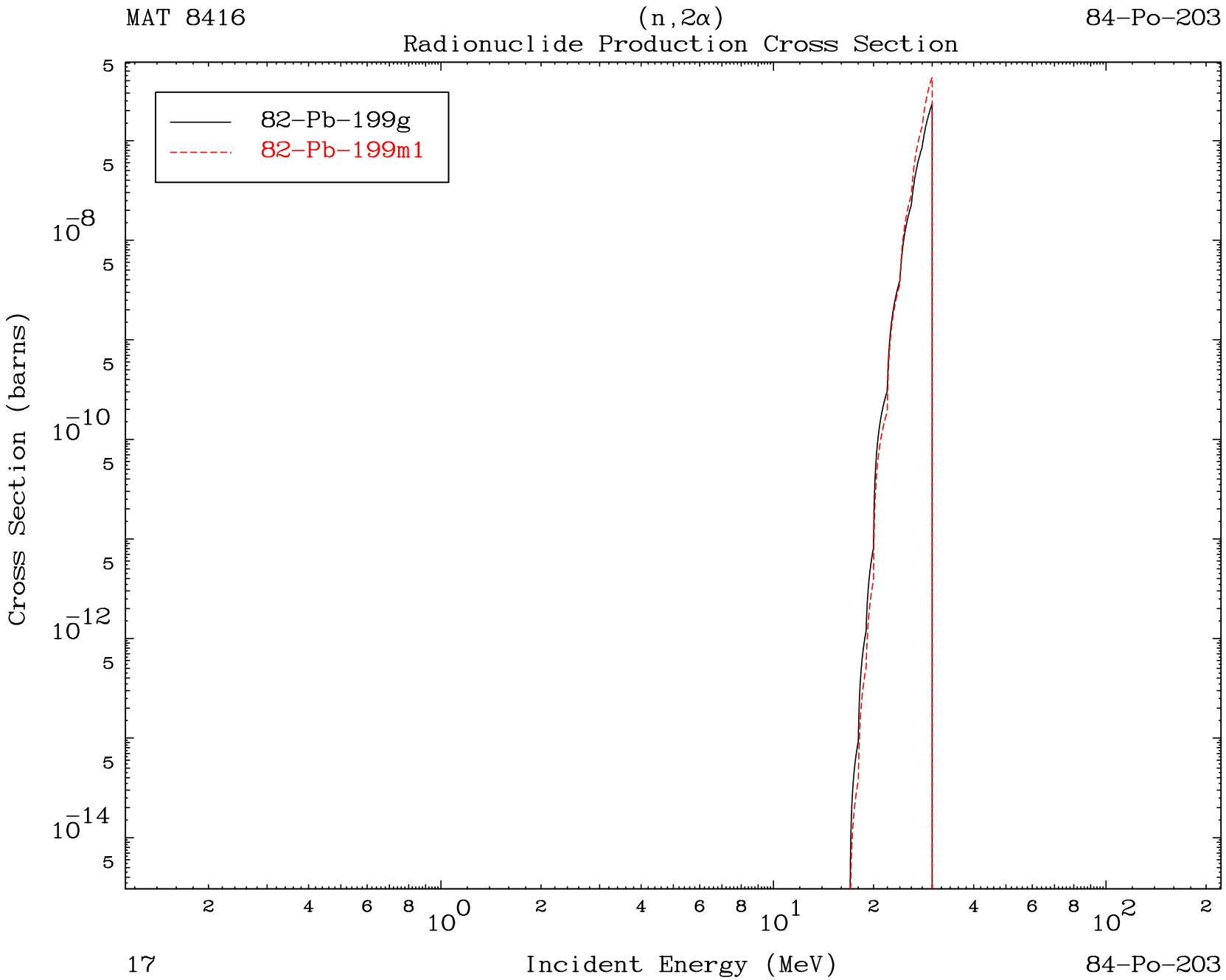

MAT 8416
Fission
84-Po-203
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
4
6
8
10^0
2
10^1
10^2
12
Incident Energy (MeV)
84-Po-203

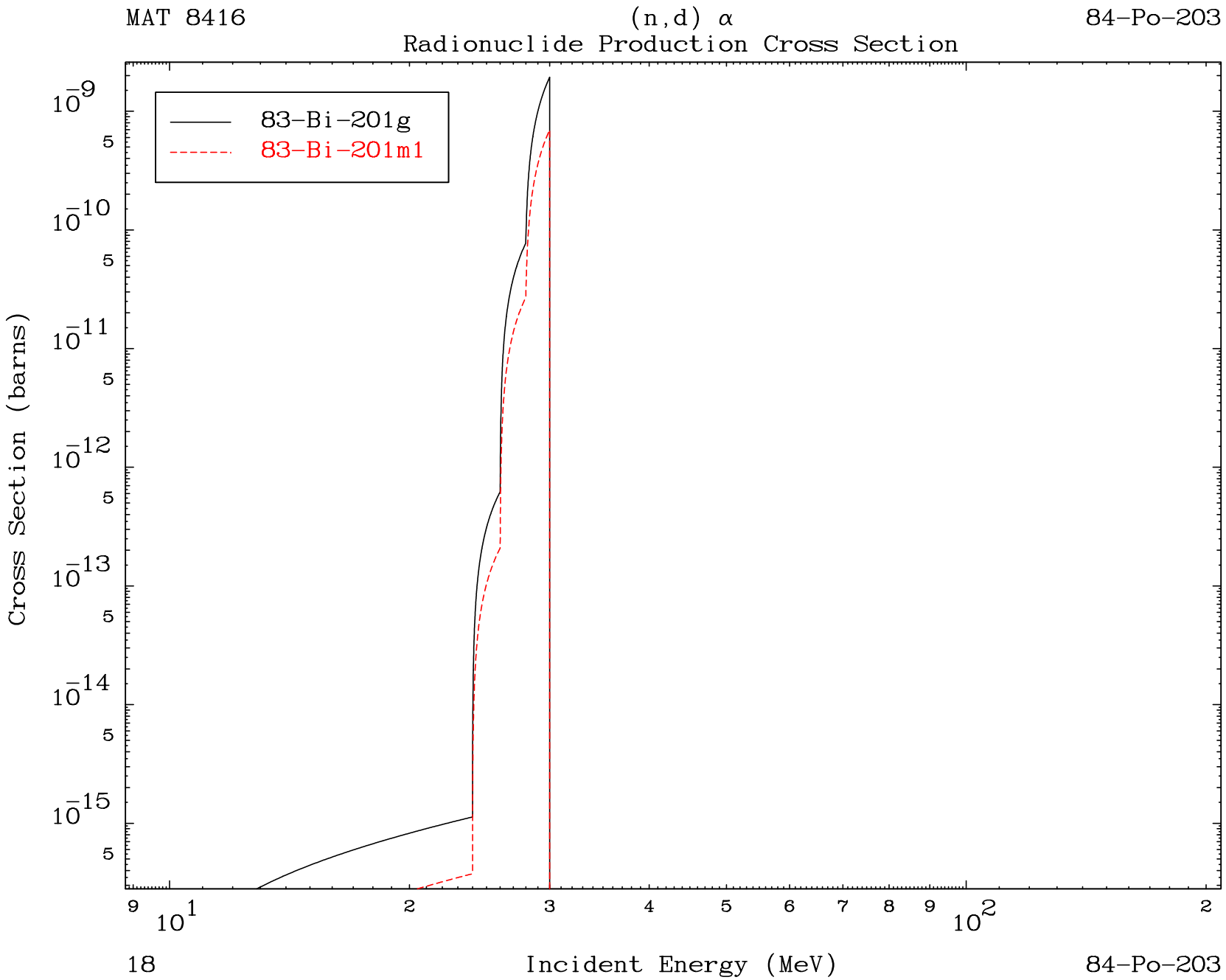

MAT 8416
(n,2n) α
84-Po-203
Radionuclide Production Cross Section
84-Po-201g
84-Po-201m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
13
84-Po-203


MAT 8416
(n,n') p α
84-Po-203
Radionuclide Production Cross Section
83-Bi-201g
83-Bi-201m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
84-Po-203


MAT 8416
(n,t)
84-Po-203
Radionuclide Production Cross Section
85-At-204g
85-At-204m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
84-Po-203


MAT 8416
(n,α)
84-Po-203
Radionuclide Production Cross Section
84-Po-203g
84-Po-203m5
Cross Section (barns)
Incident Energy (MeV)
16
84-Po-203


MAT 8416
(n,2α)
84-Po-203
Radionuclide Production Cross Section
82-Pb-199g
82-Pb-199m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
17
84-Po-203


MAT 8416
(n,d) α
84-Po-203
Radionuclide Production Cross Section
83-Bi-201g
83-Bi-201m1
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-203