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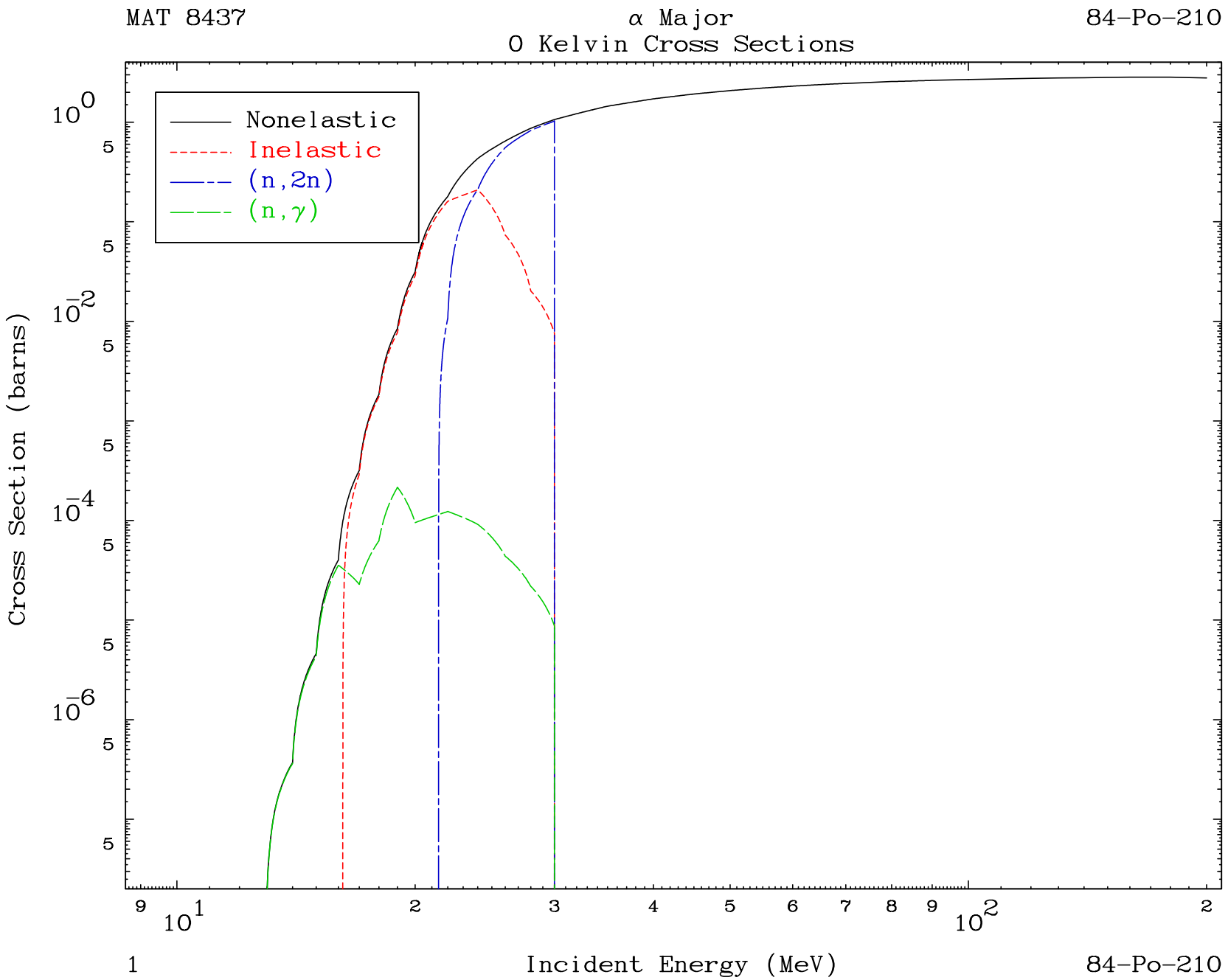
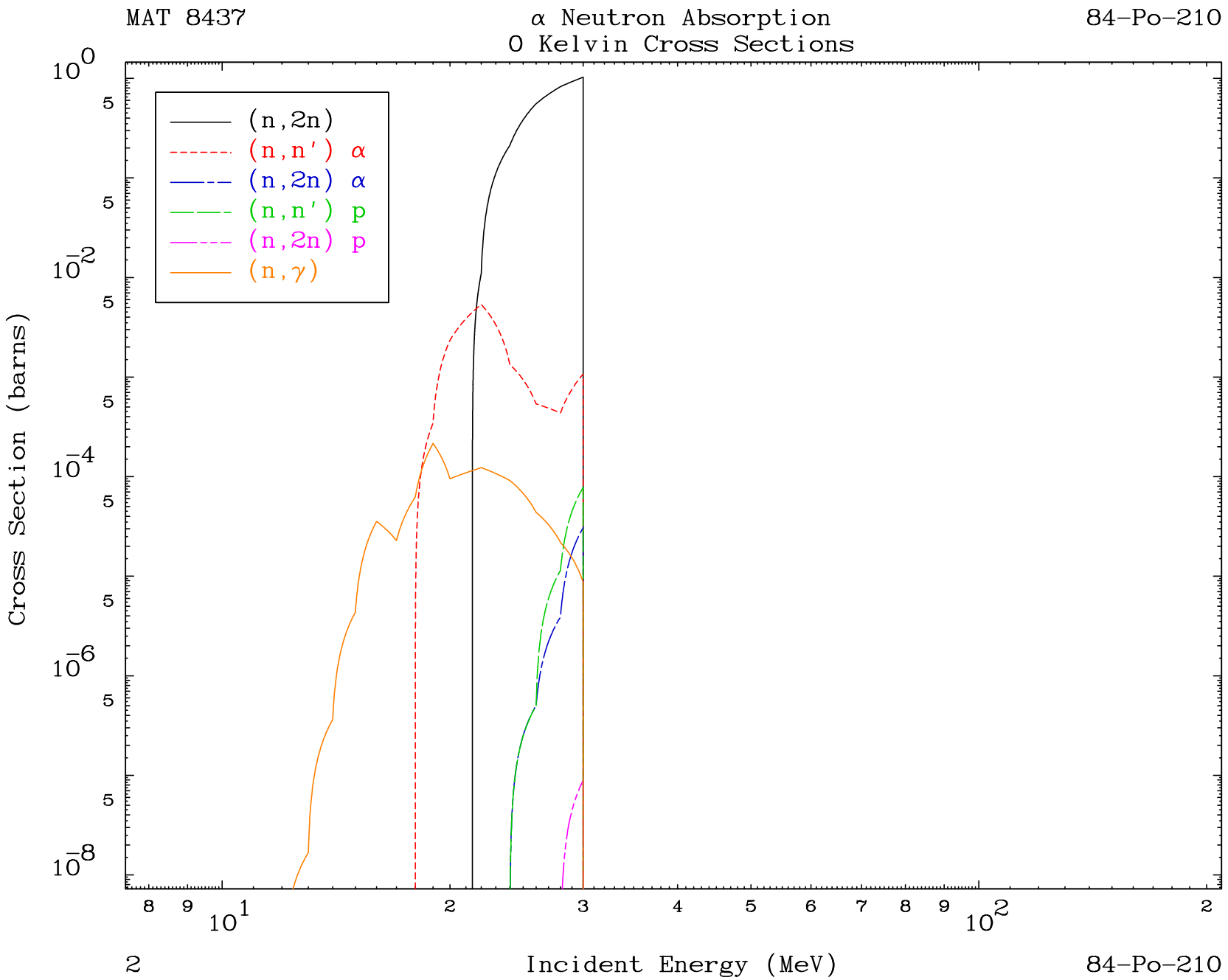
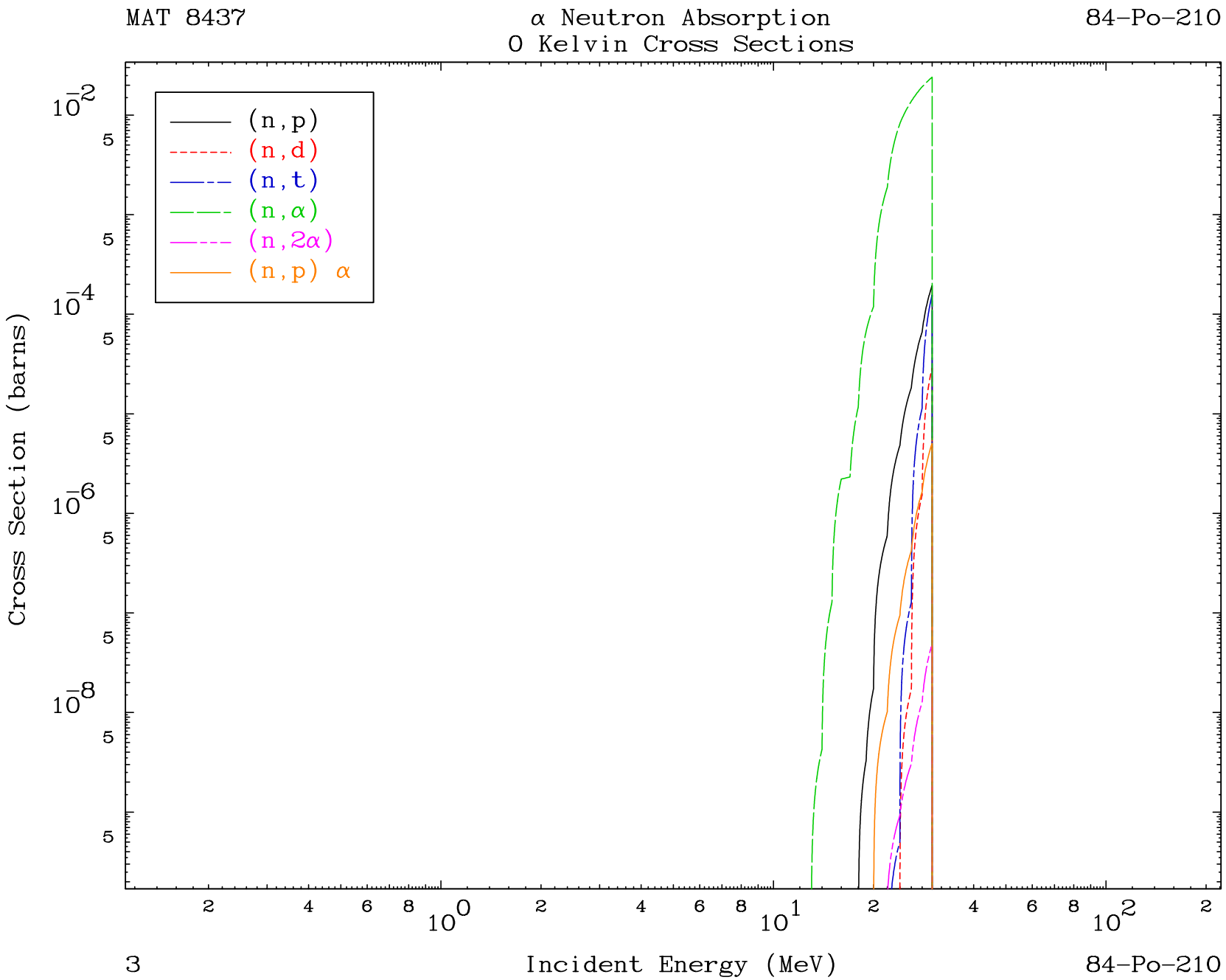
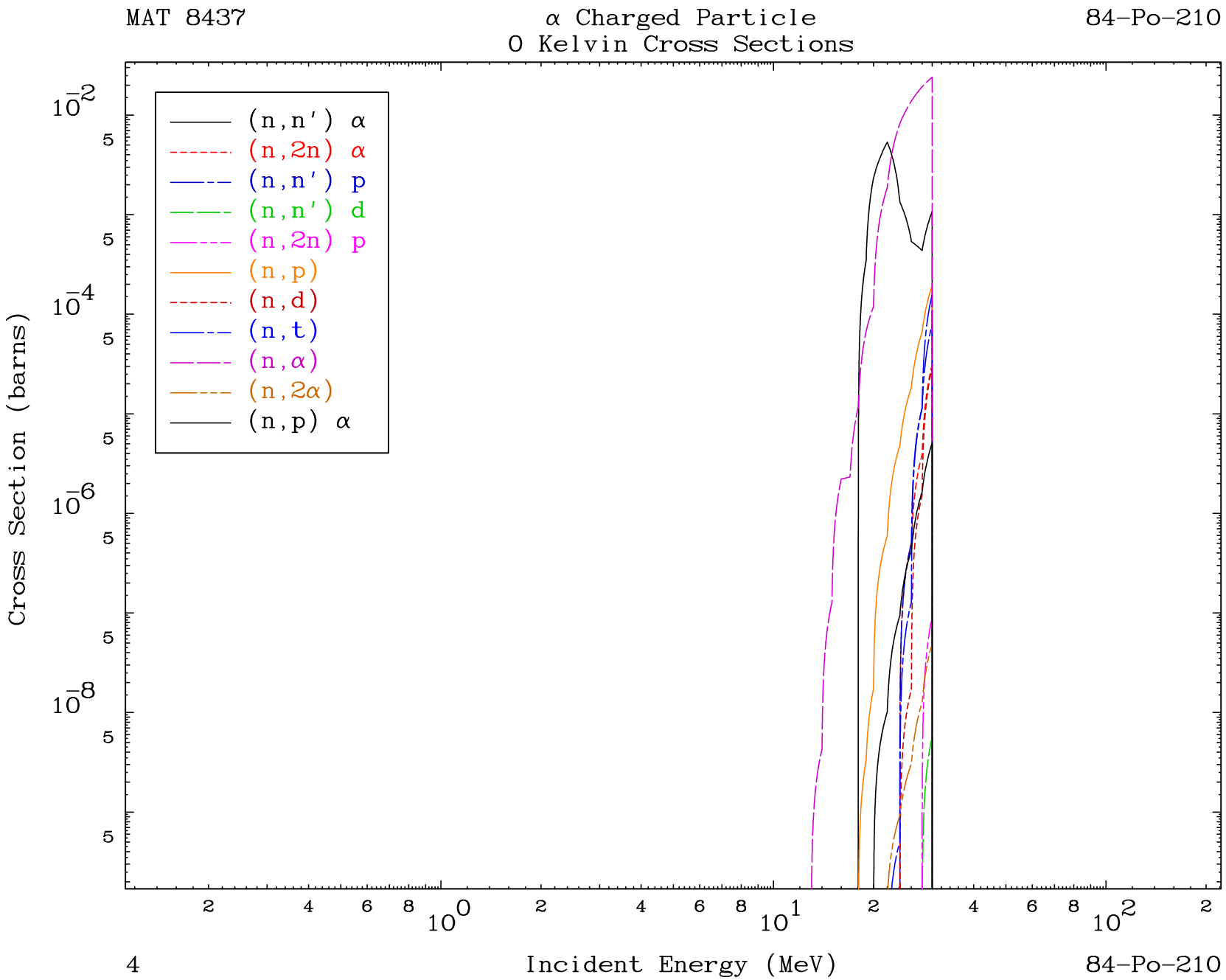
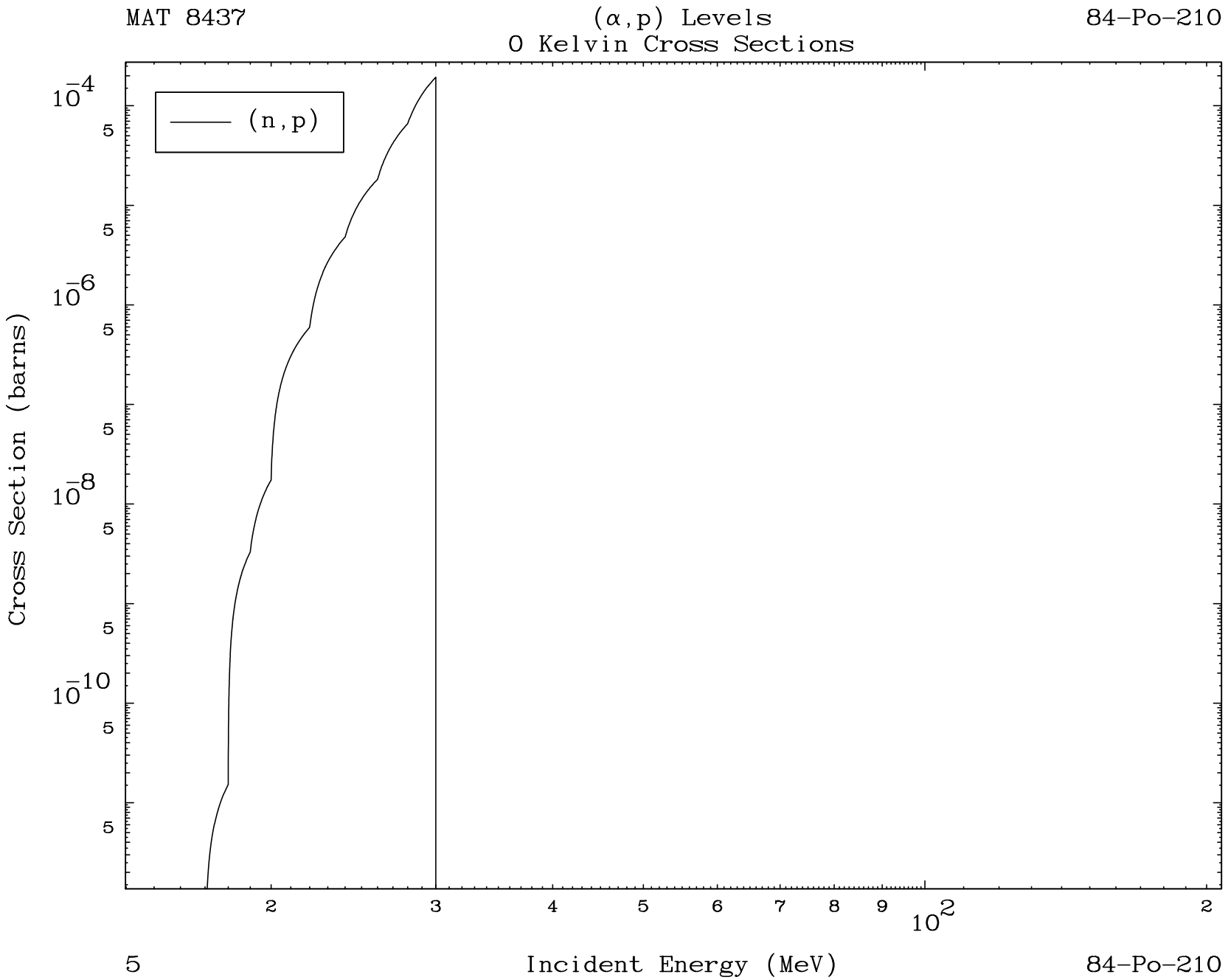
Press Mouse Button to Start


MAT 8437
α Major
84-Po-210
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-210

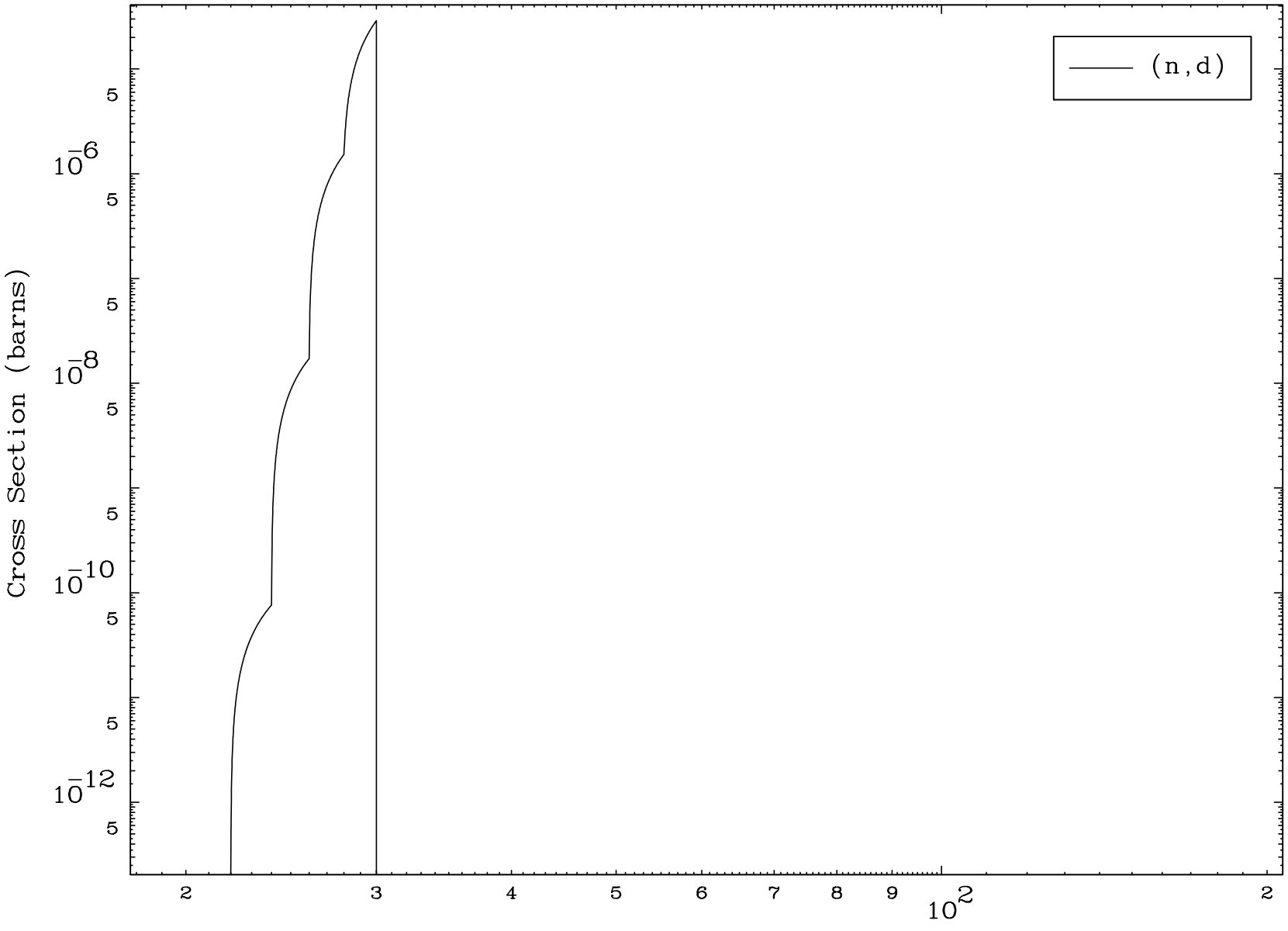

MAT 8437
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-210
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-210

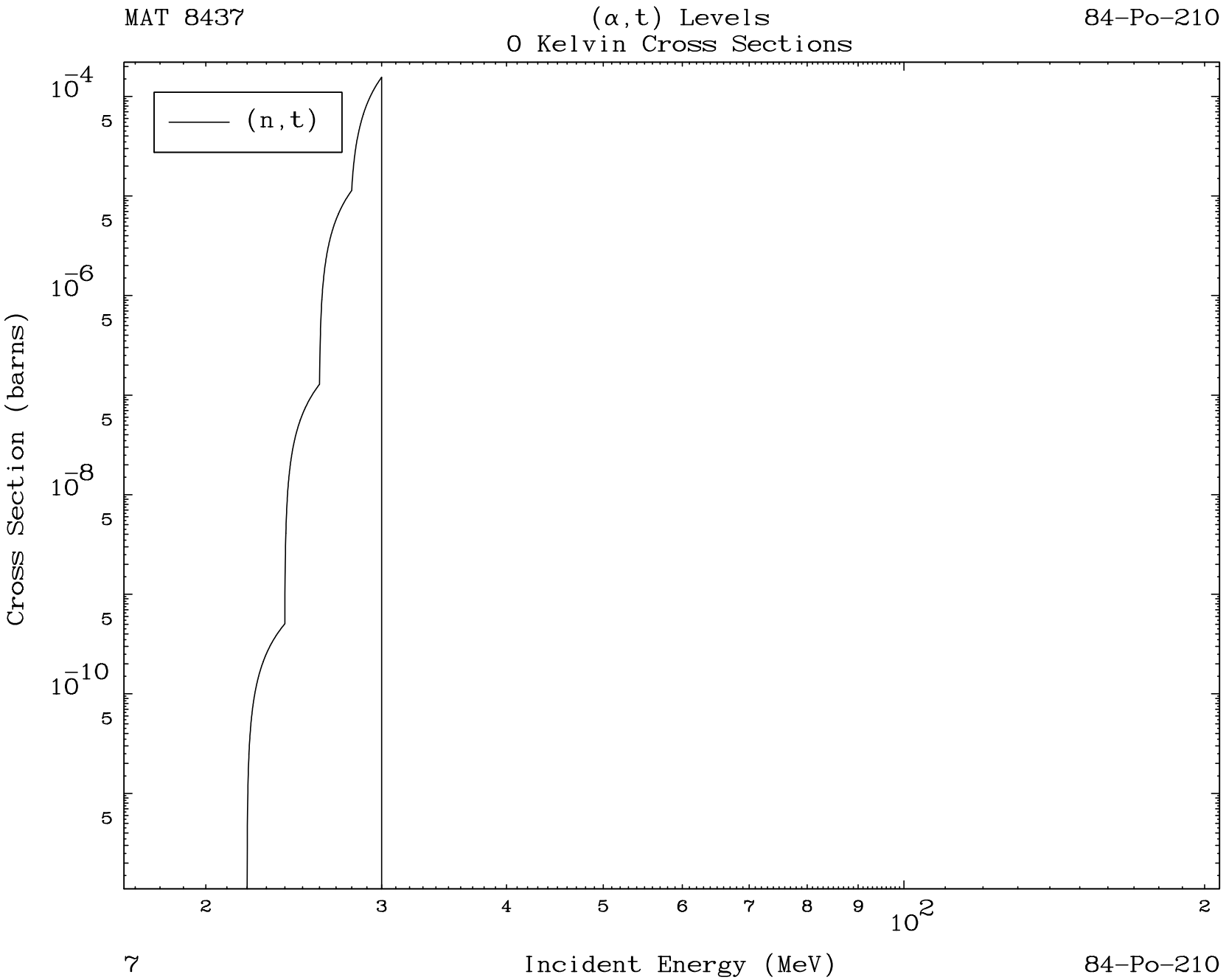

MAT 8437
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-210
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-210

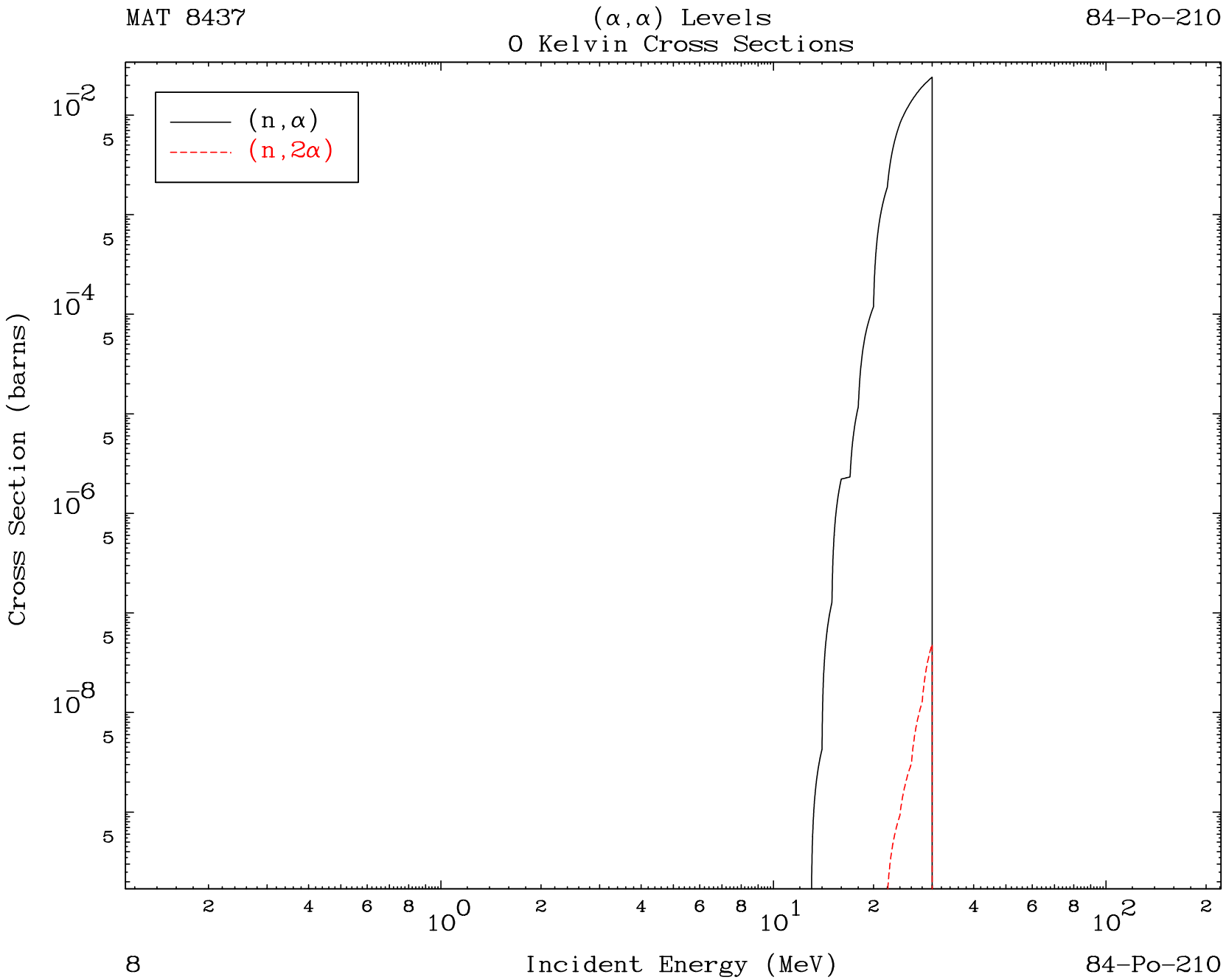

MAT 8437
α Charged Particle
0 Kelvin Cross Sections
84-Po-210
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-210

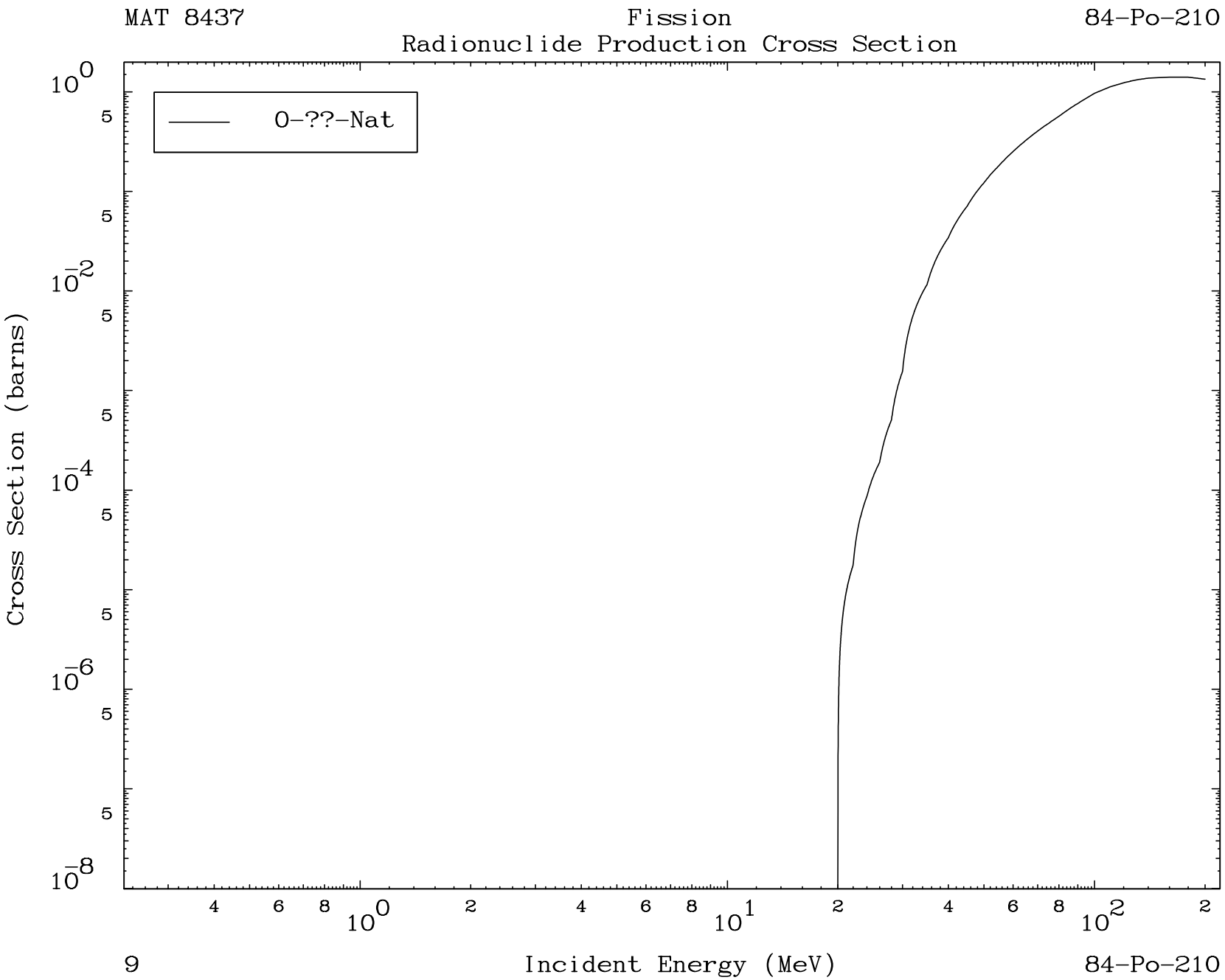

MAT 8437
(α,p) Levels
84-Po-210
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
84-Po-210

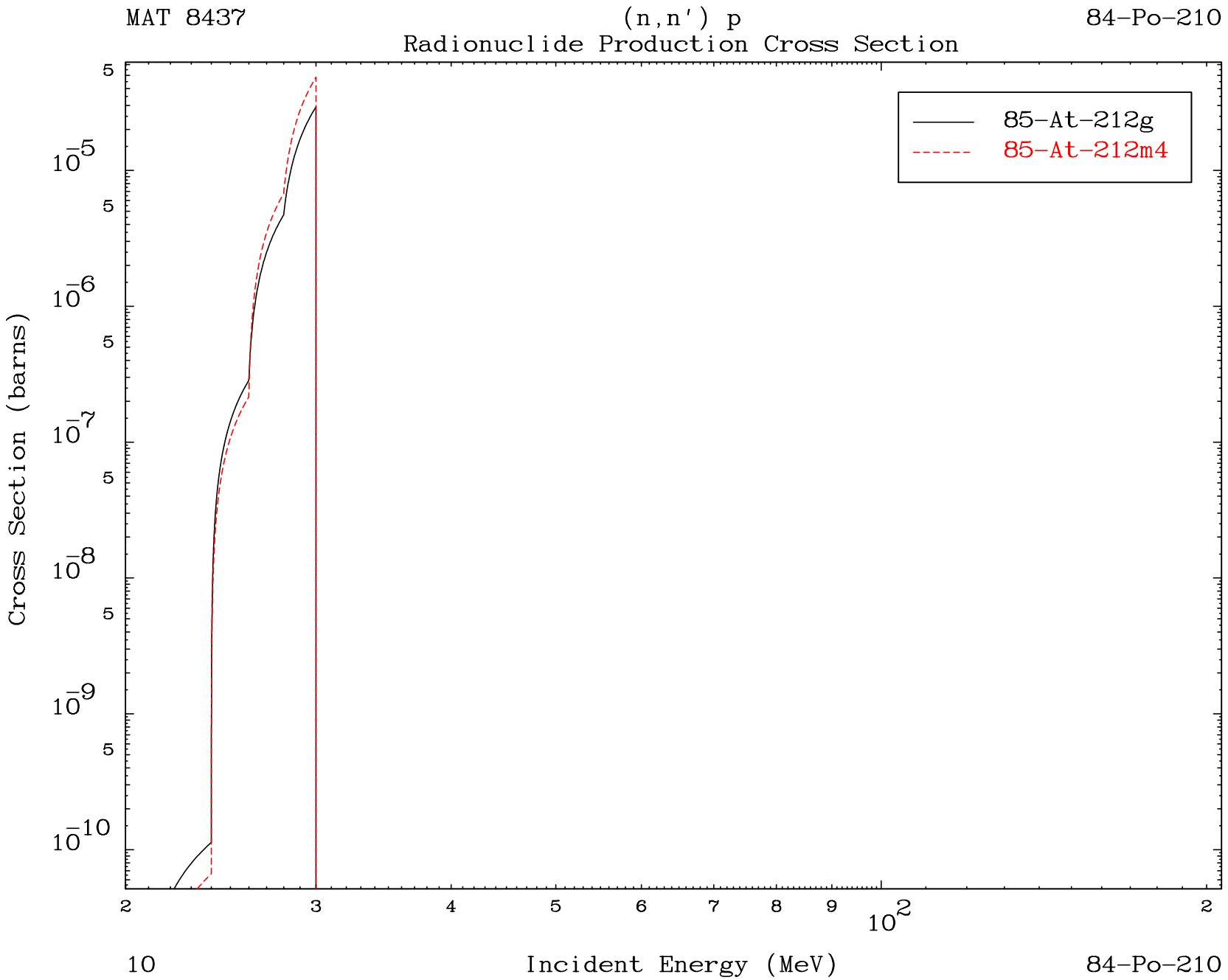
0 Kelvin Cross Sections

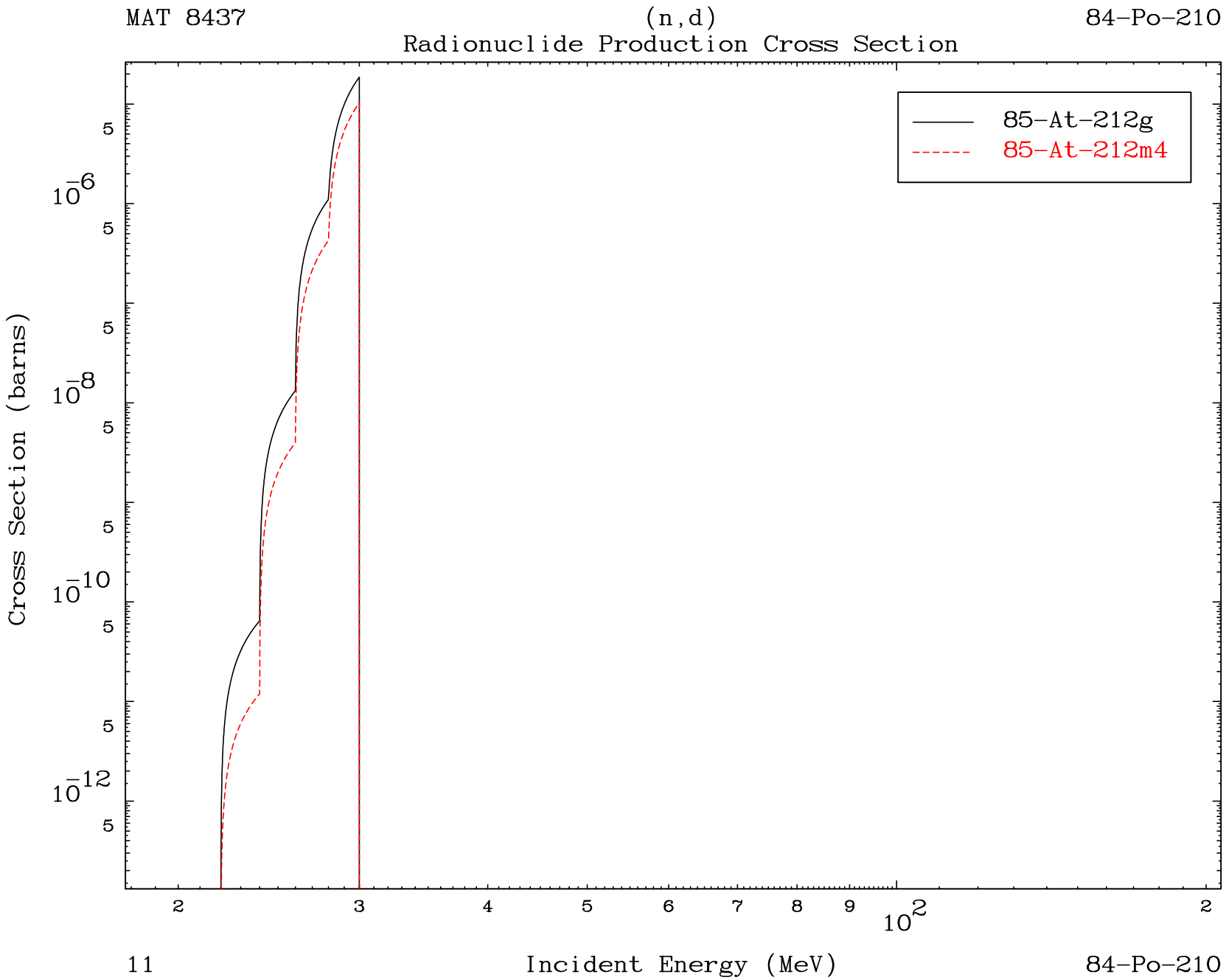



MAT 8437
(α,t) Levels
84-Po-210
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
7
84-Po-210


MAT 8437
(α,α) Levels
84-Po-210
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
8
84-Po-210


MAT 8437
Fission
84-Po-210
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
84-Po-210


MAT 8437
(n,n') p
84-Po-210
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
Incident Energy (MeV)
84-Po-210


MAT 8437
(n,d)
84-Po-210
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
84-Po-210