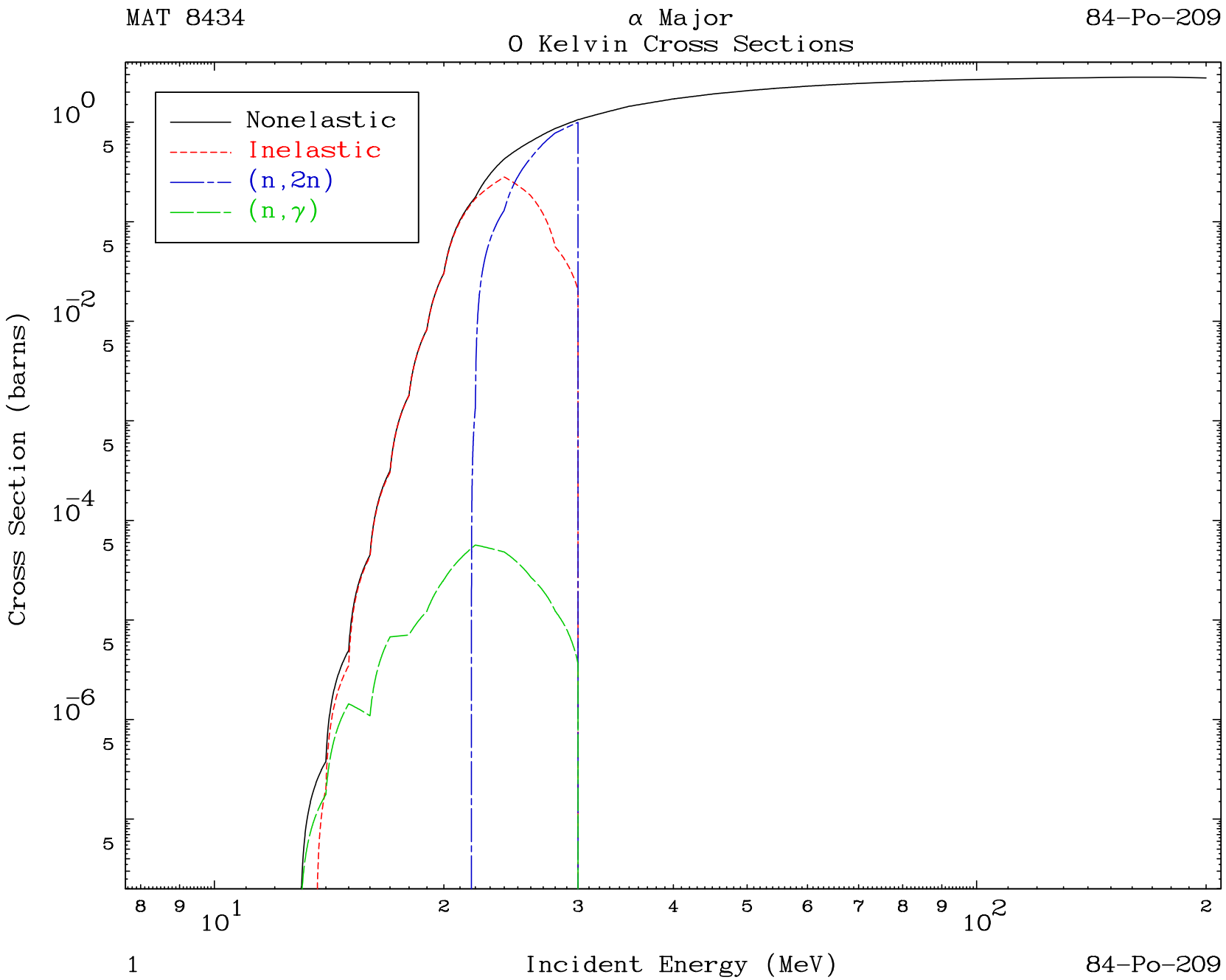
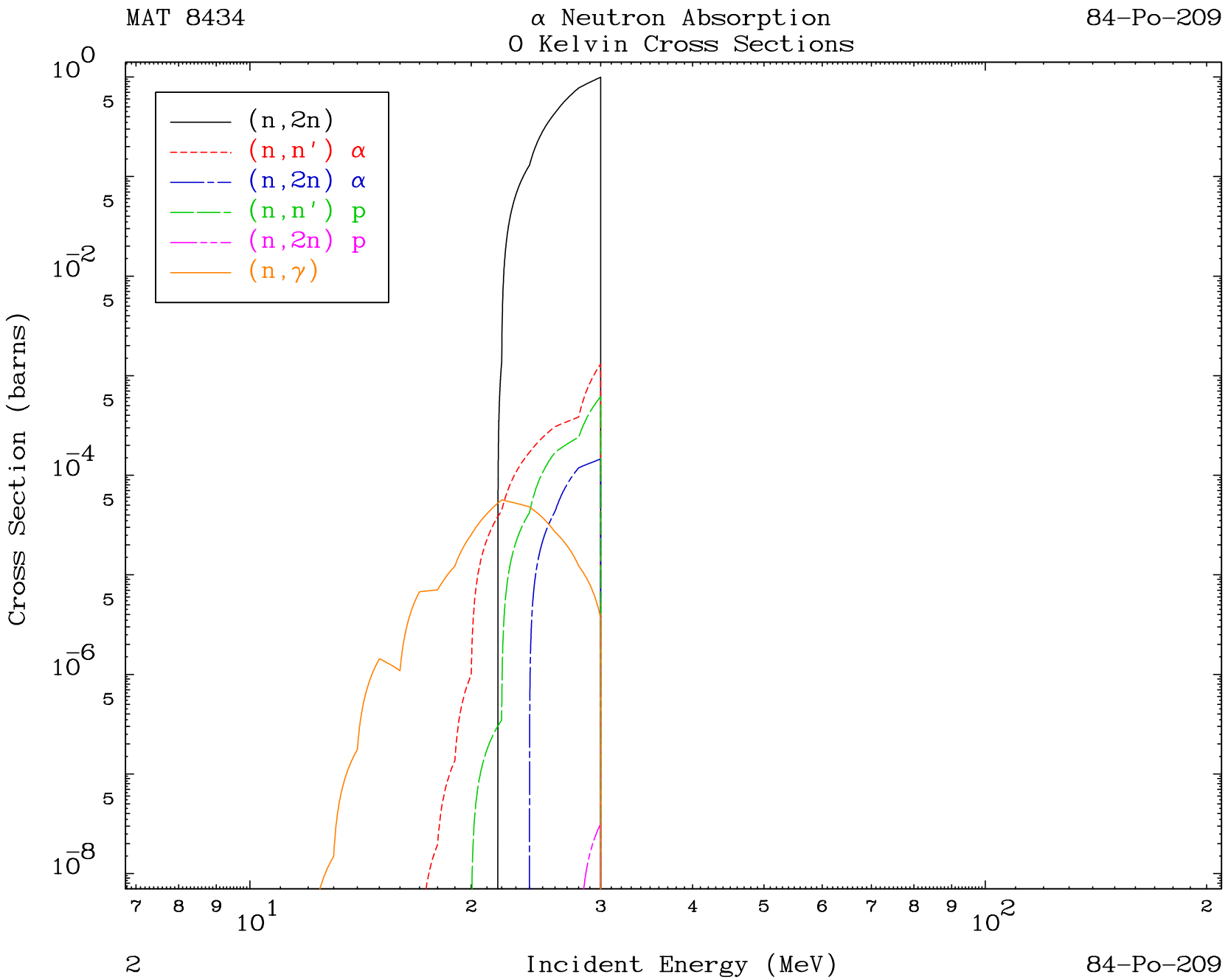
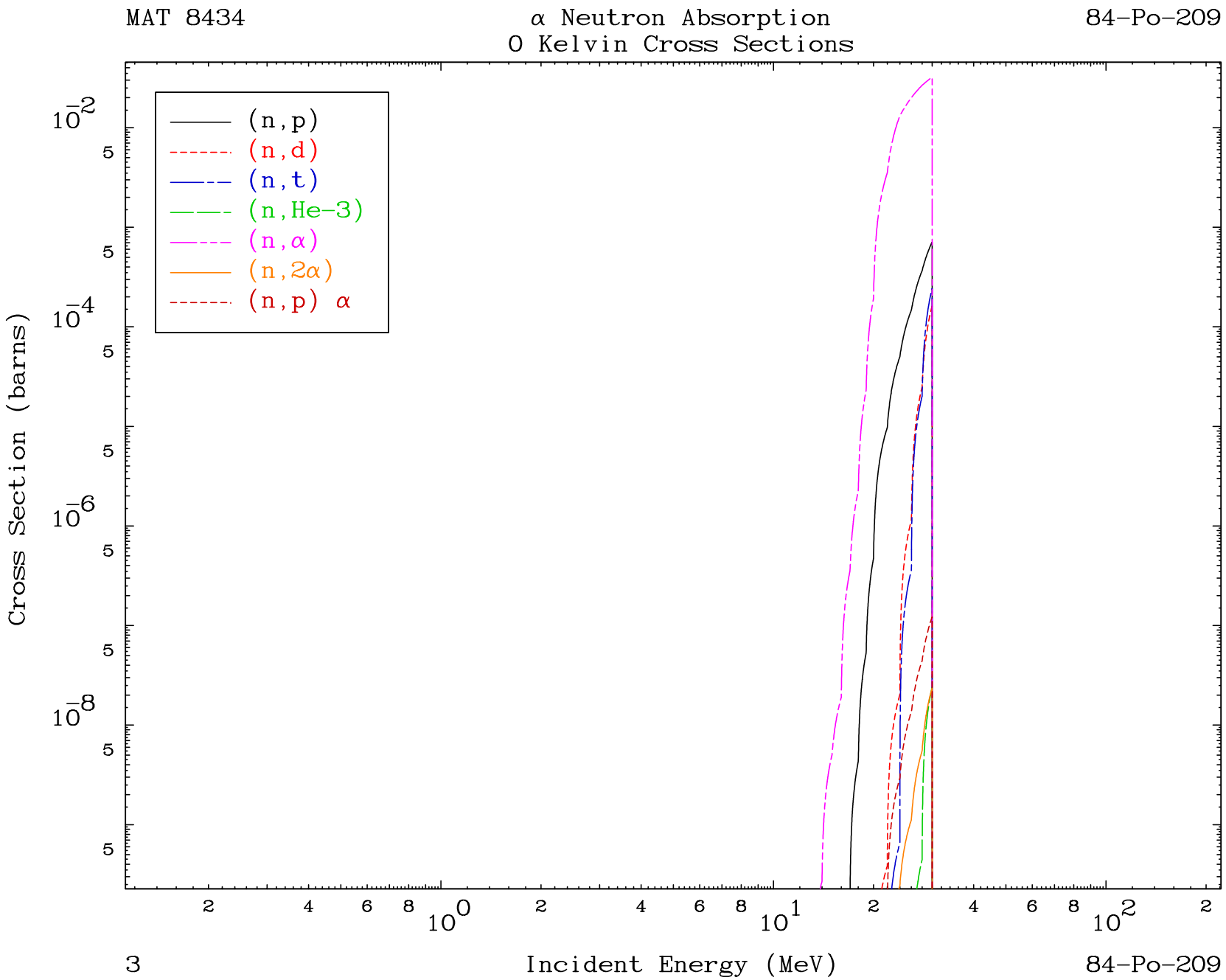
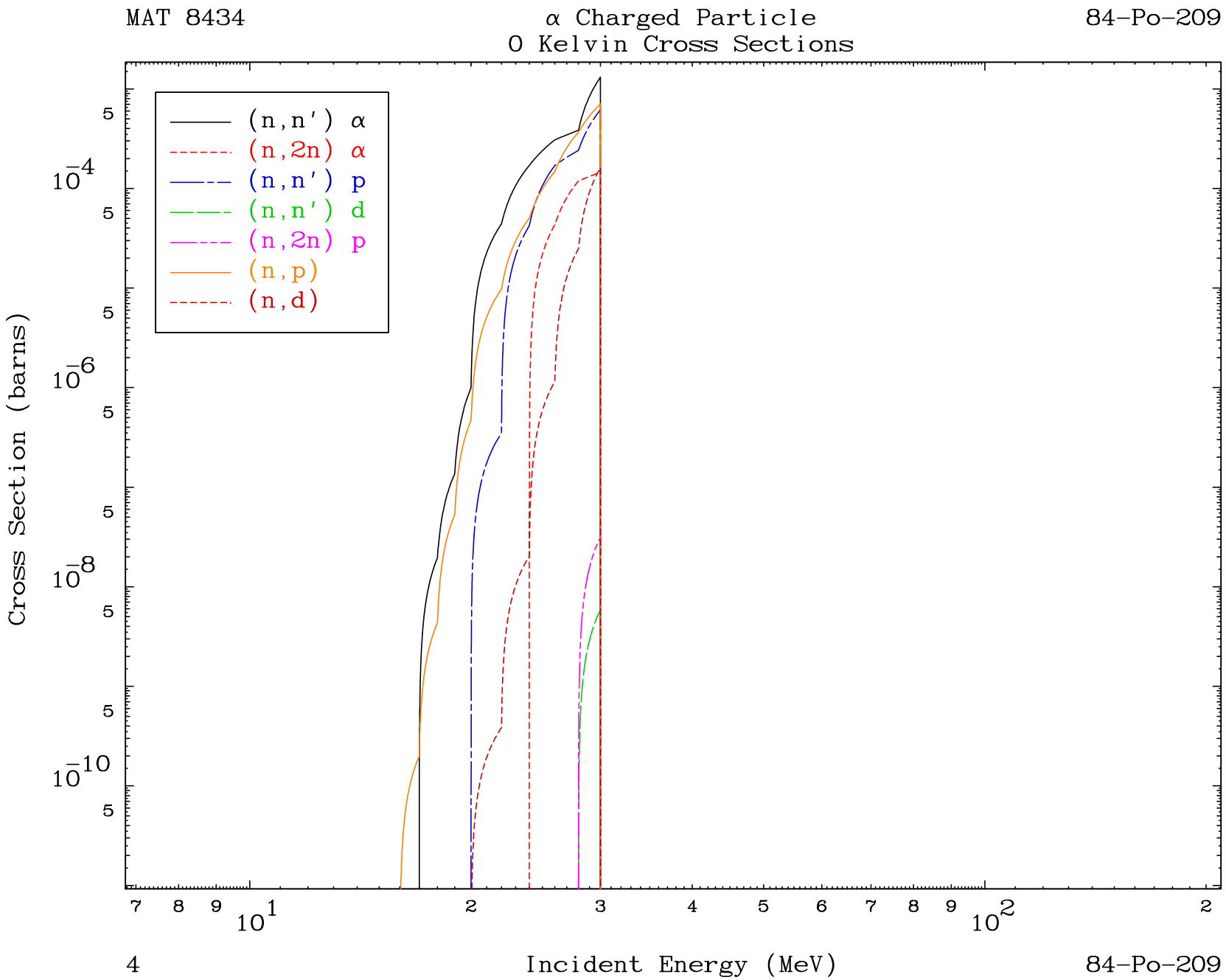
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

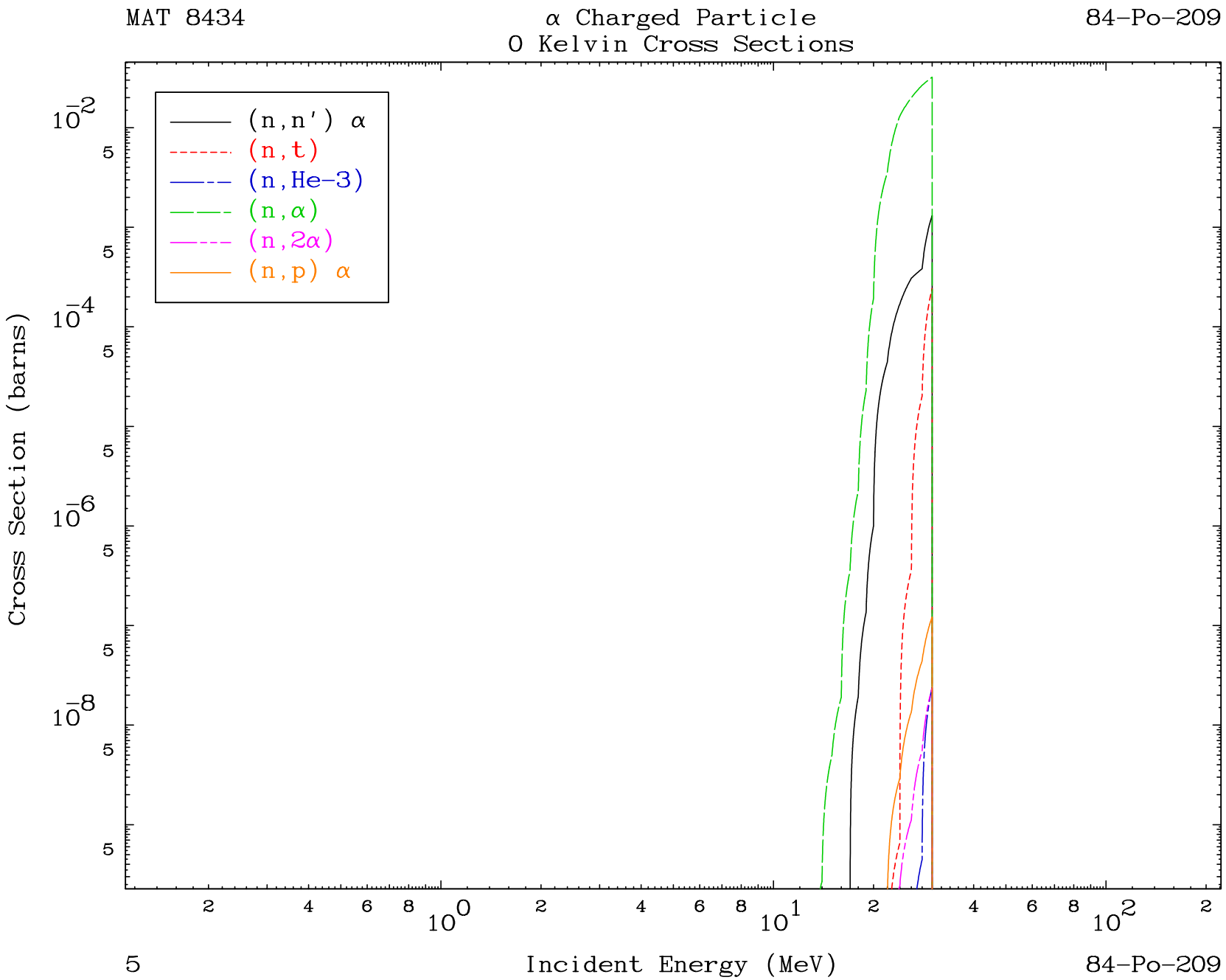
Press Mouse Button to Start


MAT 8434
α Major
84-Po-209
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-209

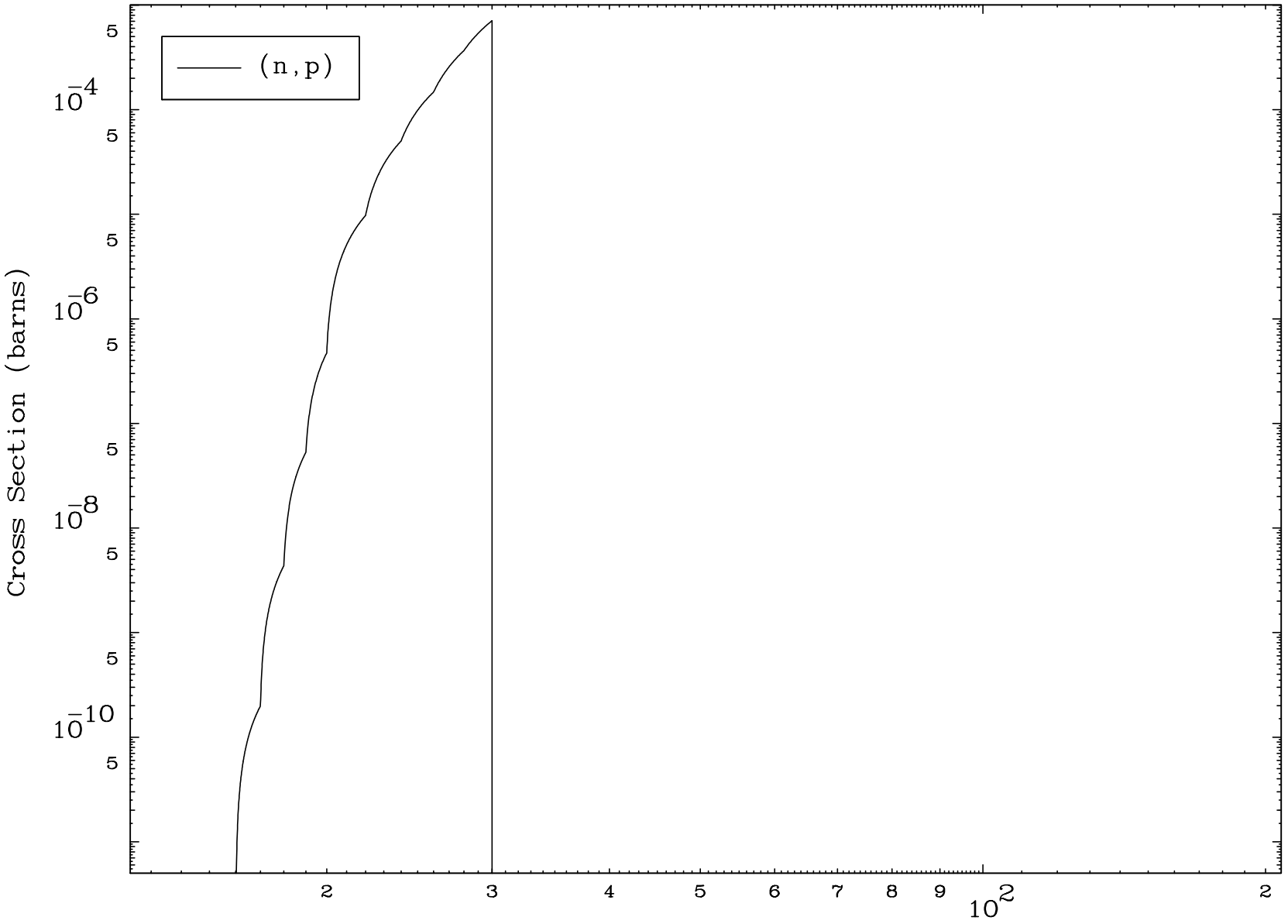

MAT 8434
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-209
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-209

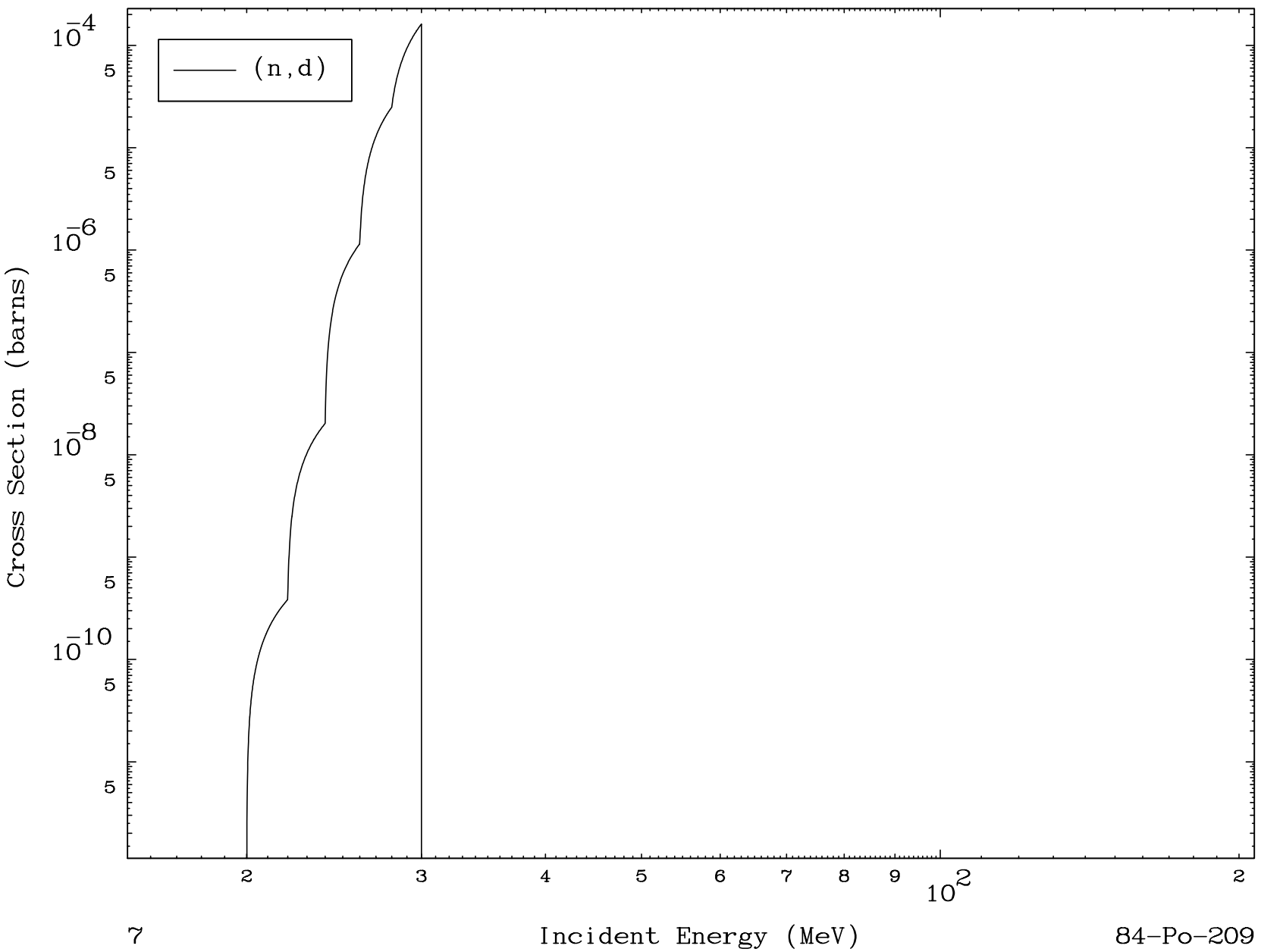

MAT 8434
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-209
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-209


MAT 8434
α Charged Particle
0 Kelvin Cross Sections
84-Po-209
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-209

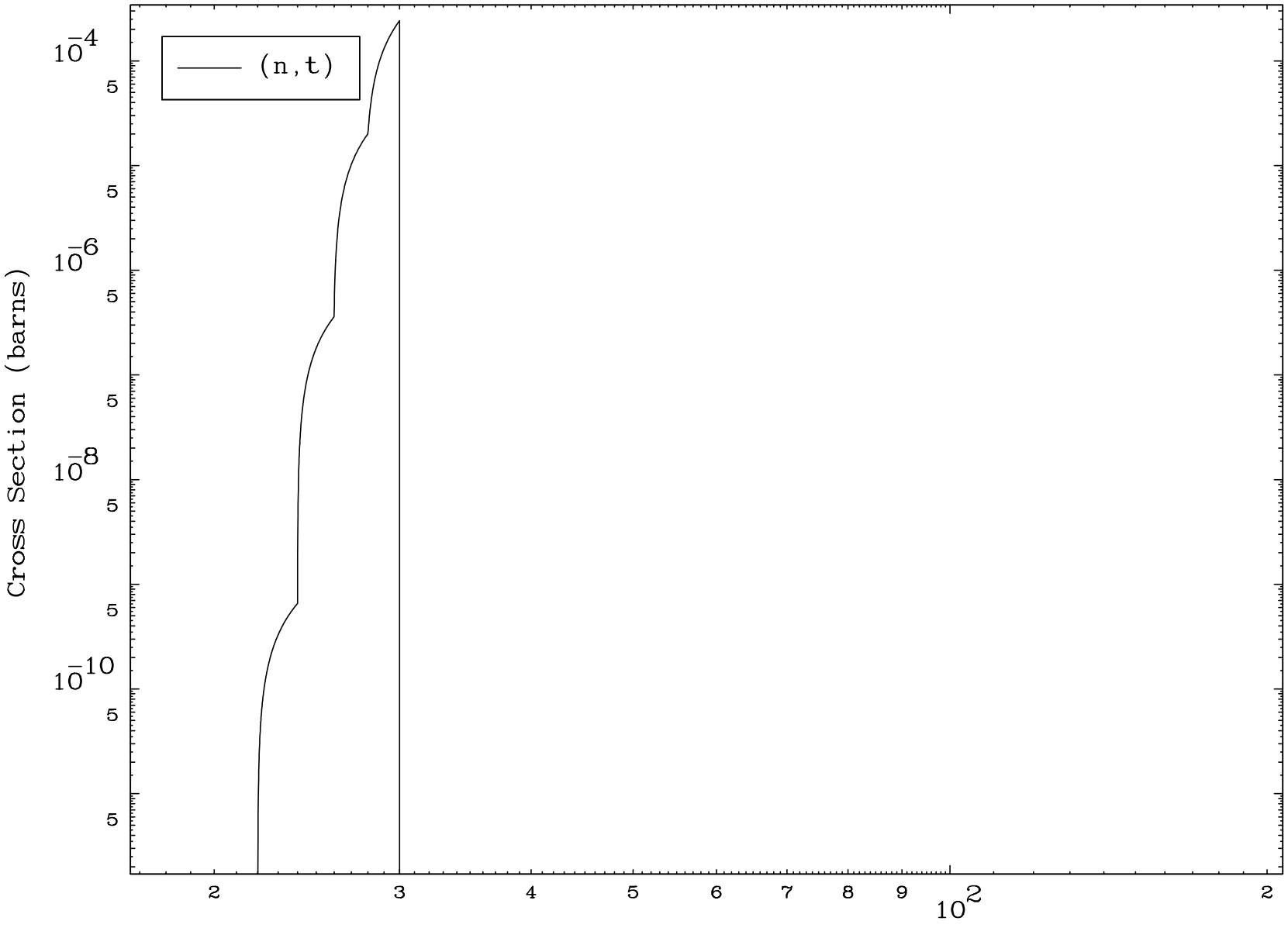

MAT 8434
α Charged Particle
0 Kelvin Cross Sections
84-Po-209
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-209

0 Kelvin Cross Sections

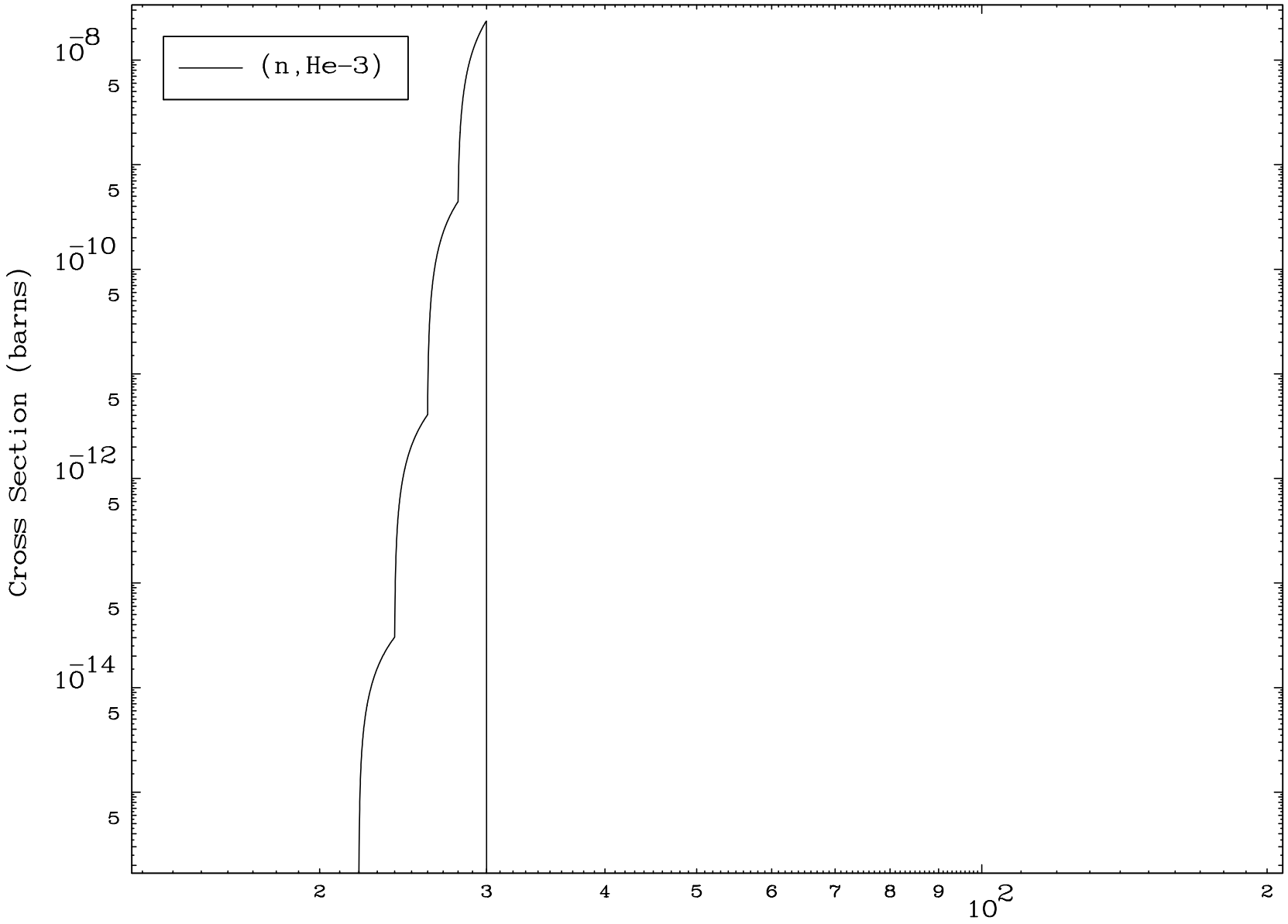


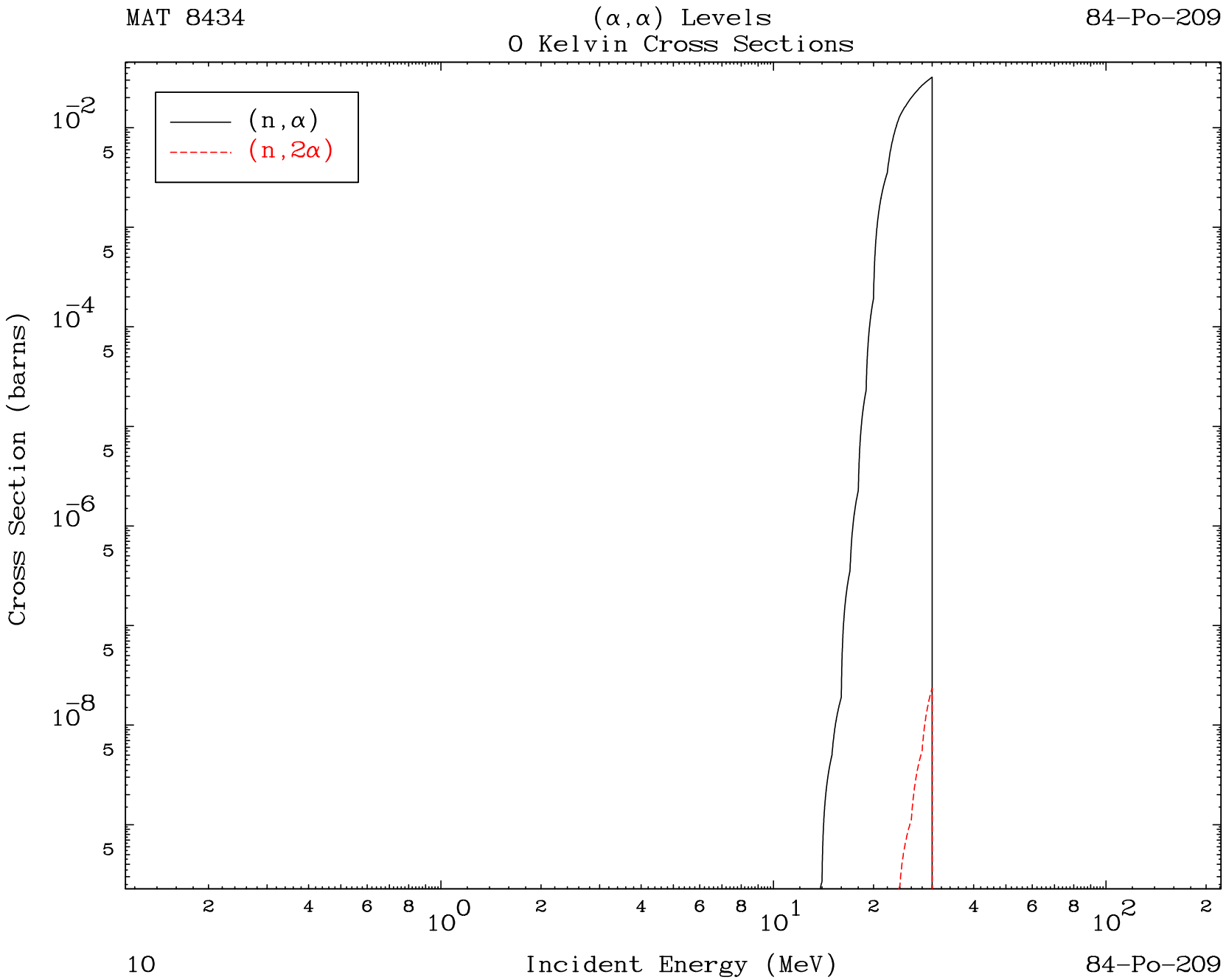

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

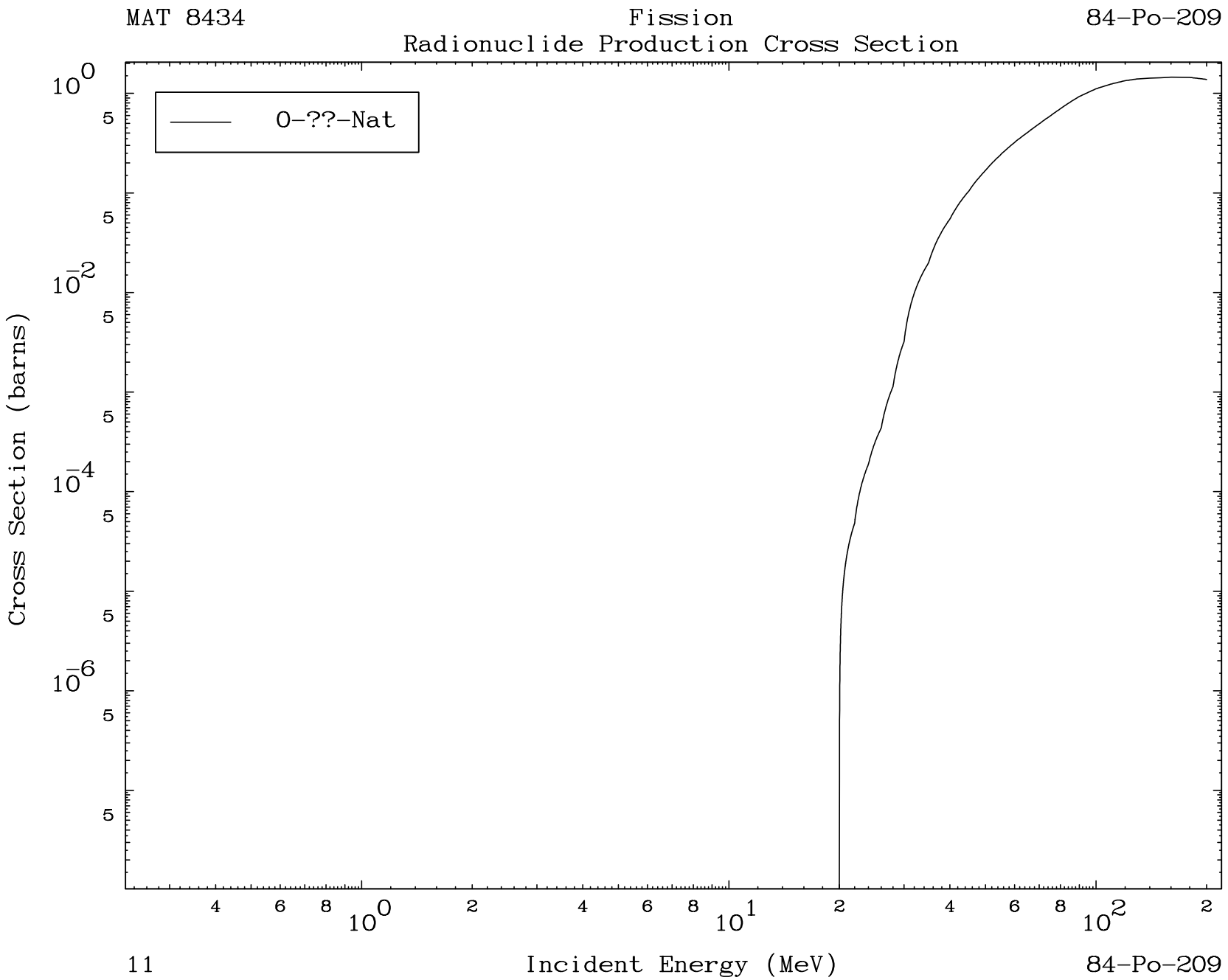
0 Kelvin Cross Sections

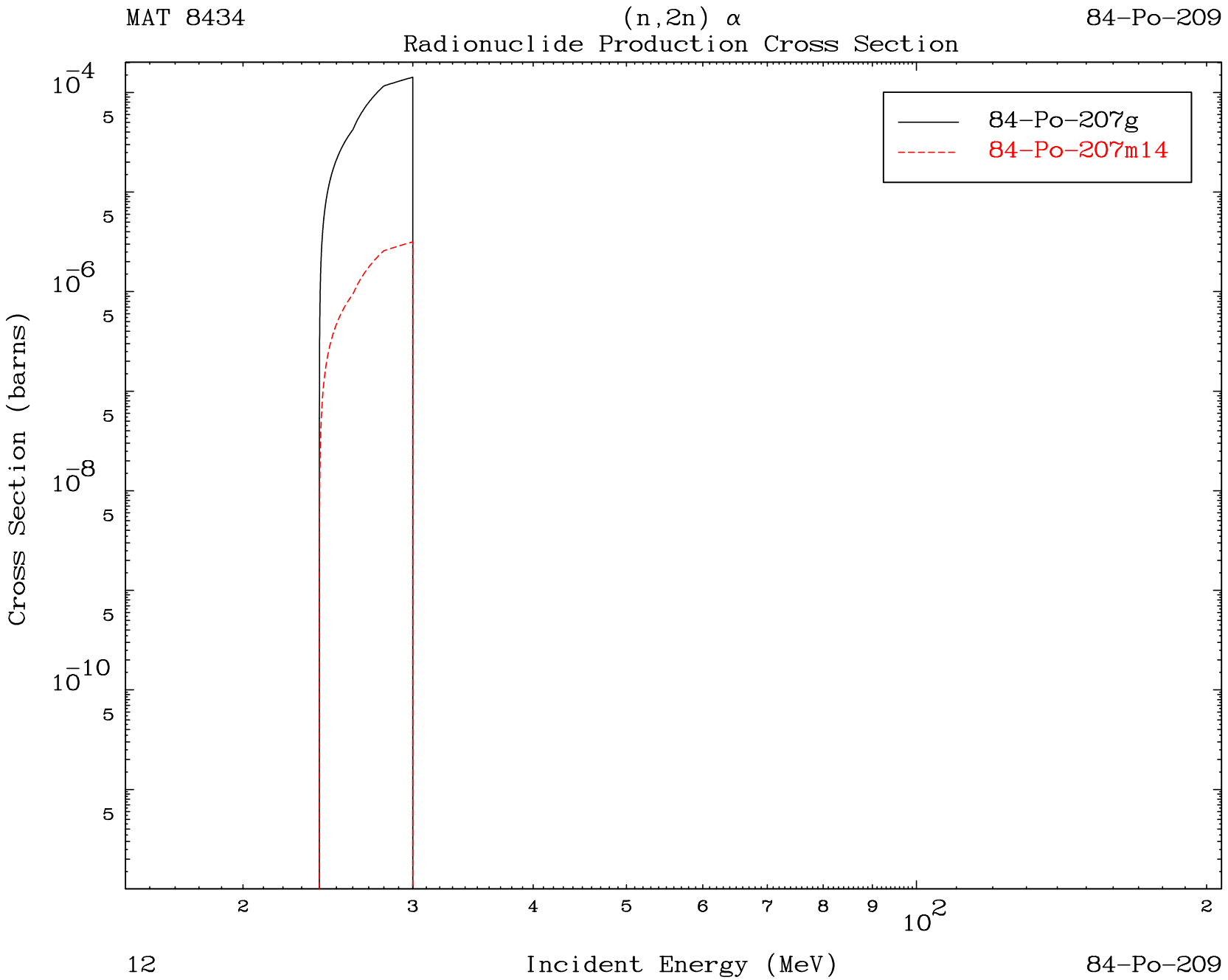


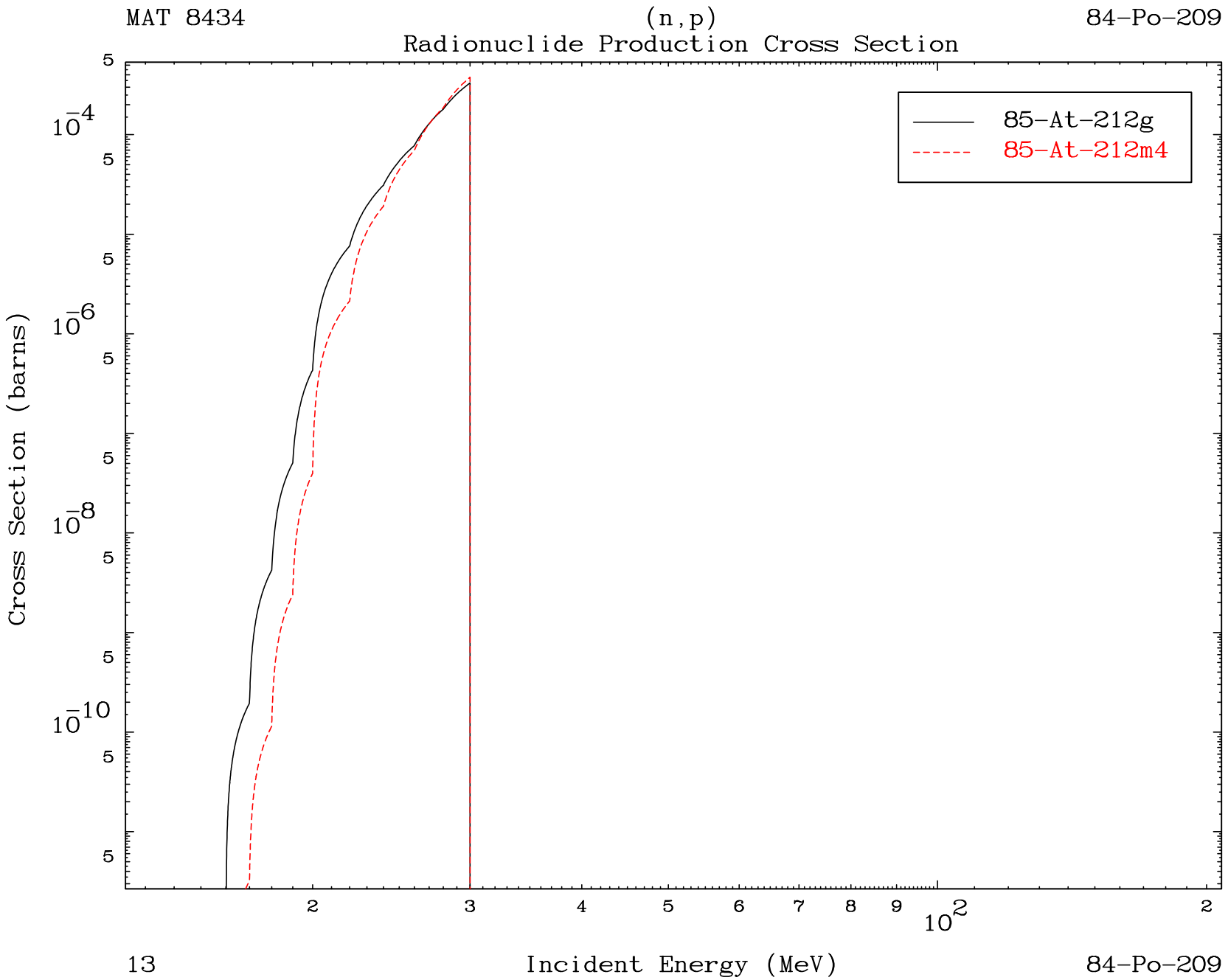
0 Kelvin Cross Sections




MAT 8434
(α,α) Levels
84-Po-209
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)
84-Po-209


MAT 8434
Fission
84-Po-209
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
84-Po-209


MAT 8434
(n,2n) α
84-Po-209
Radionuclide Production Cross Section
84-Po-207g
84-Po-207m14
Cross Section (barns)
Incident Energy (MeV)
12
84-Po-209


MAT 8434
(n,p)
84-Po-209
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
Incident Energy (MeV)
13
84-Po-209