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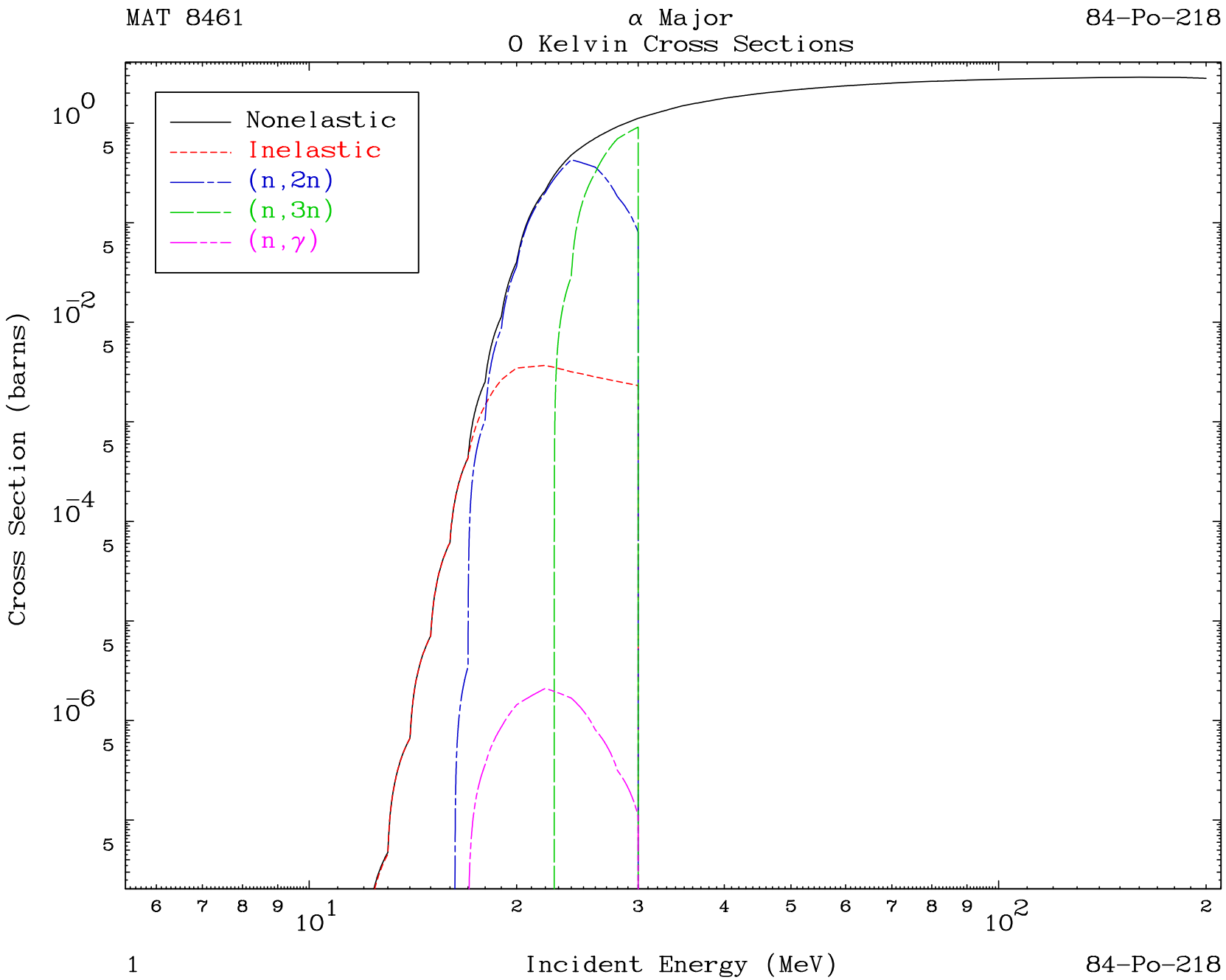
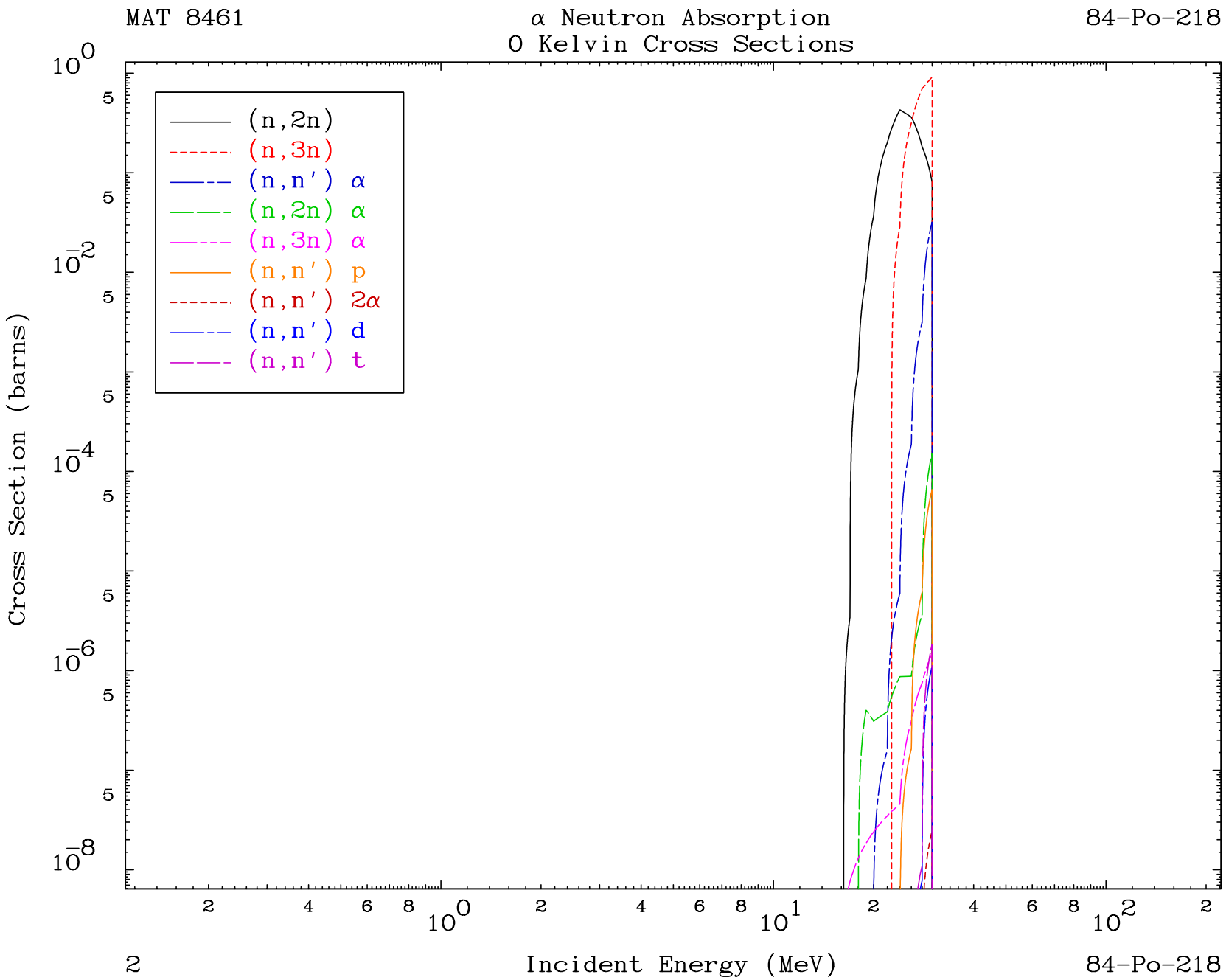
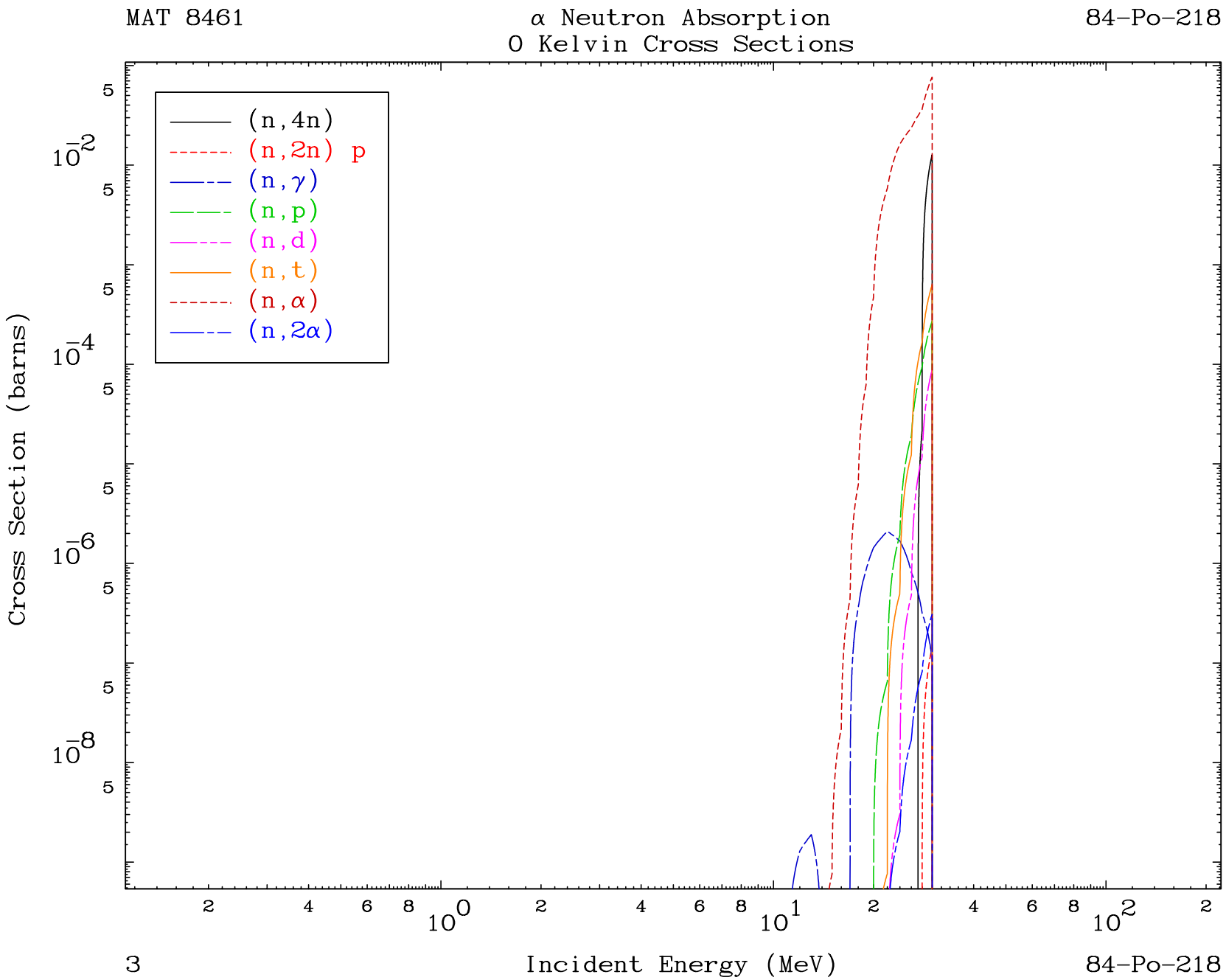
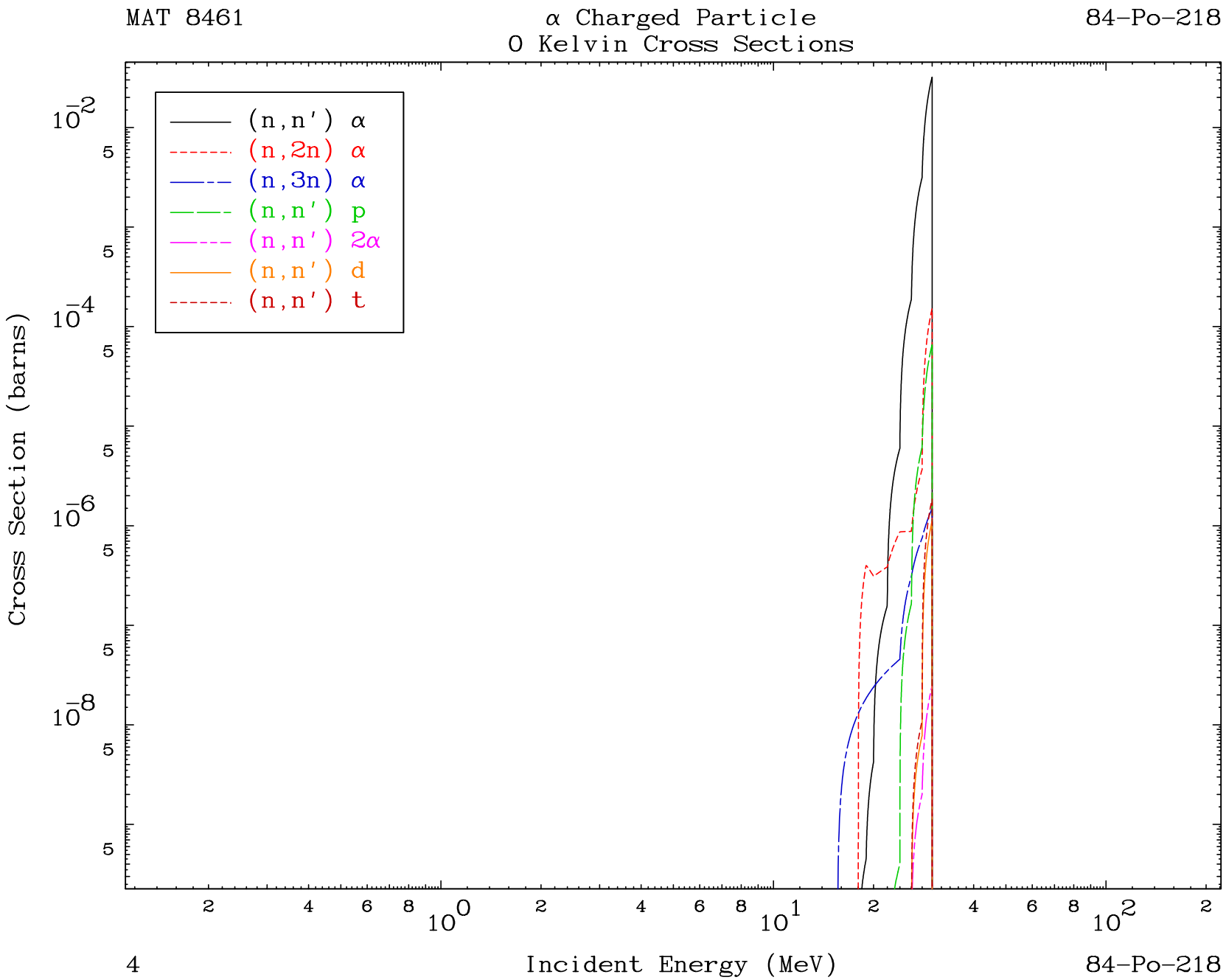
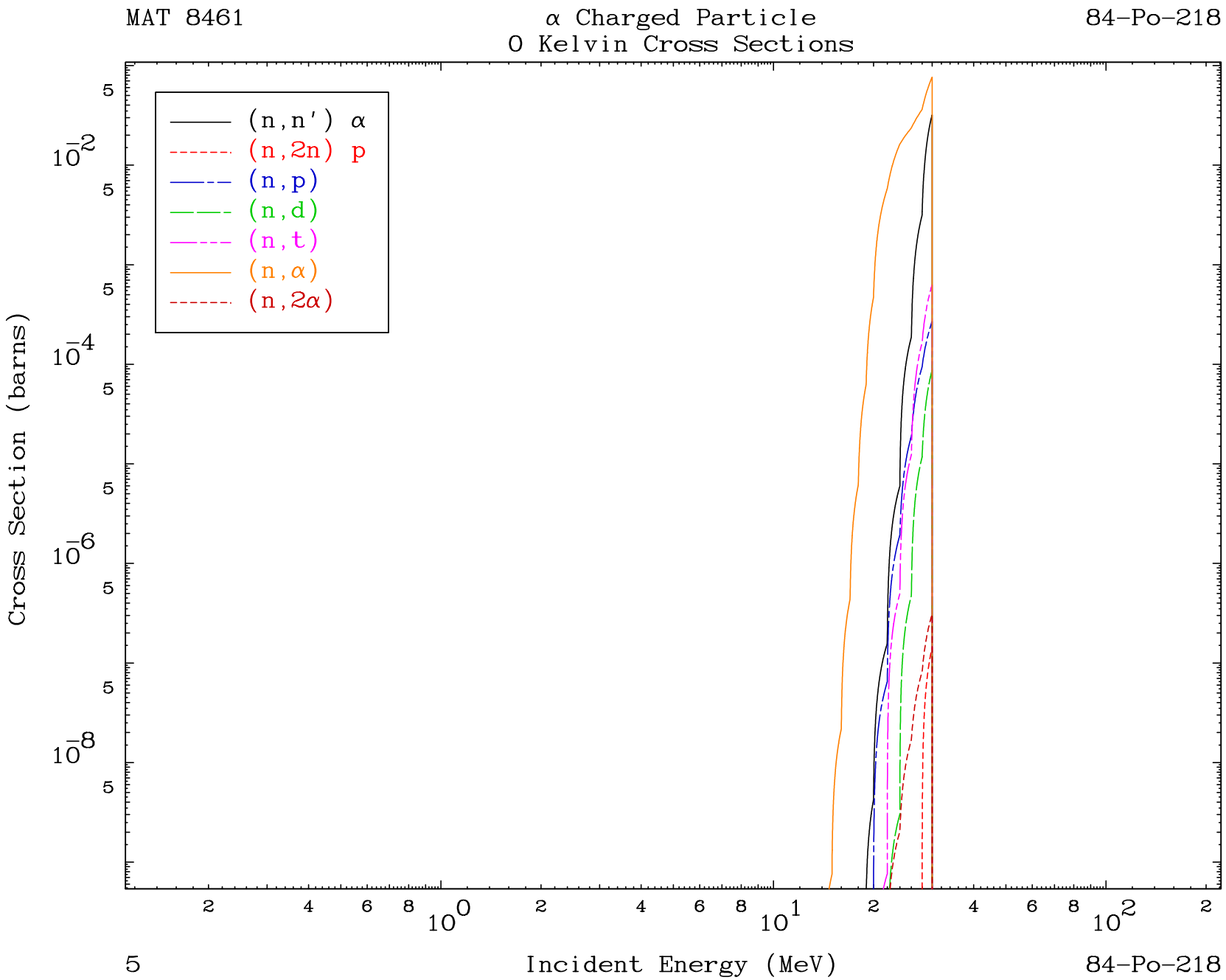
Press Mouse Button to Start

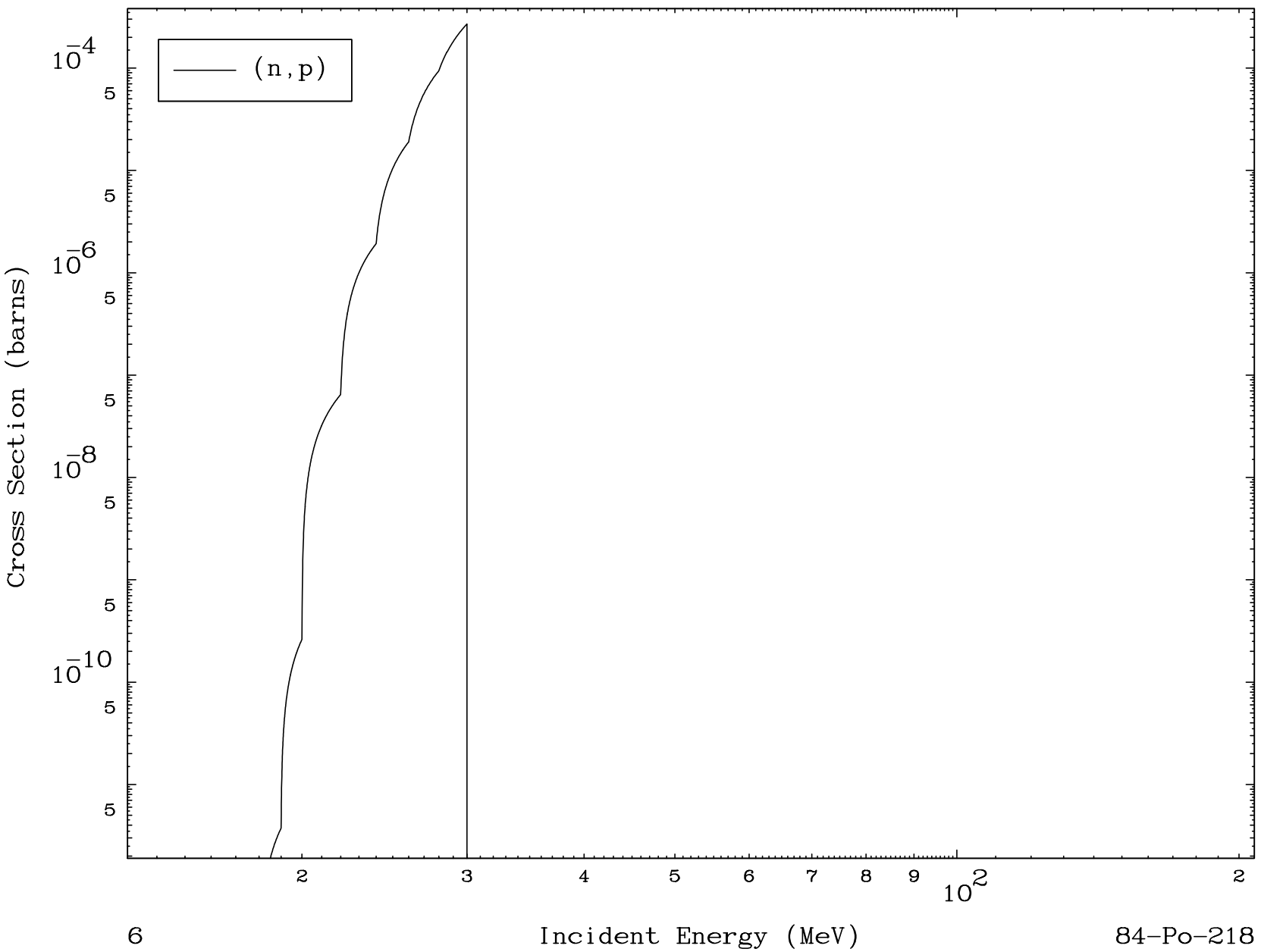

MAT 8461
α Major
84-Po-218
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-218

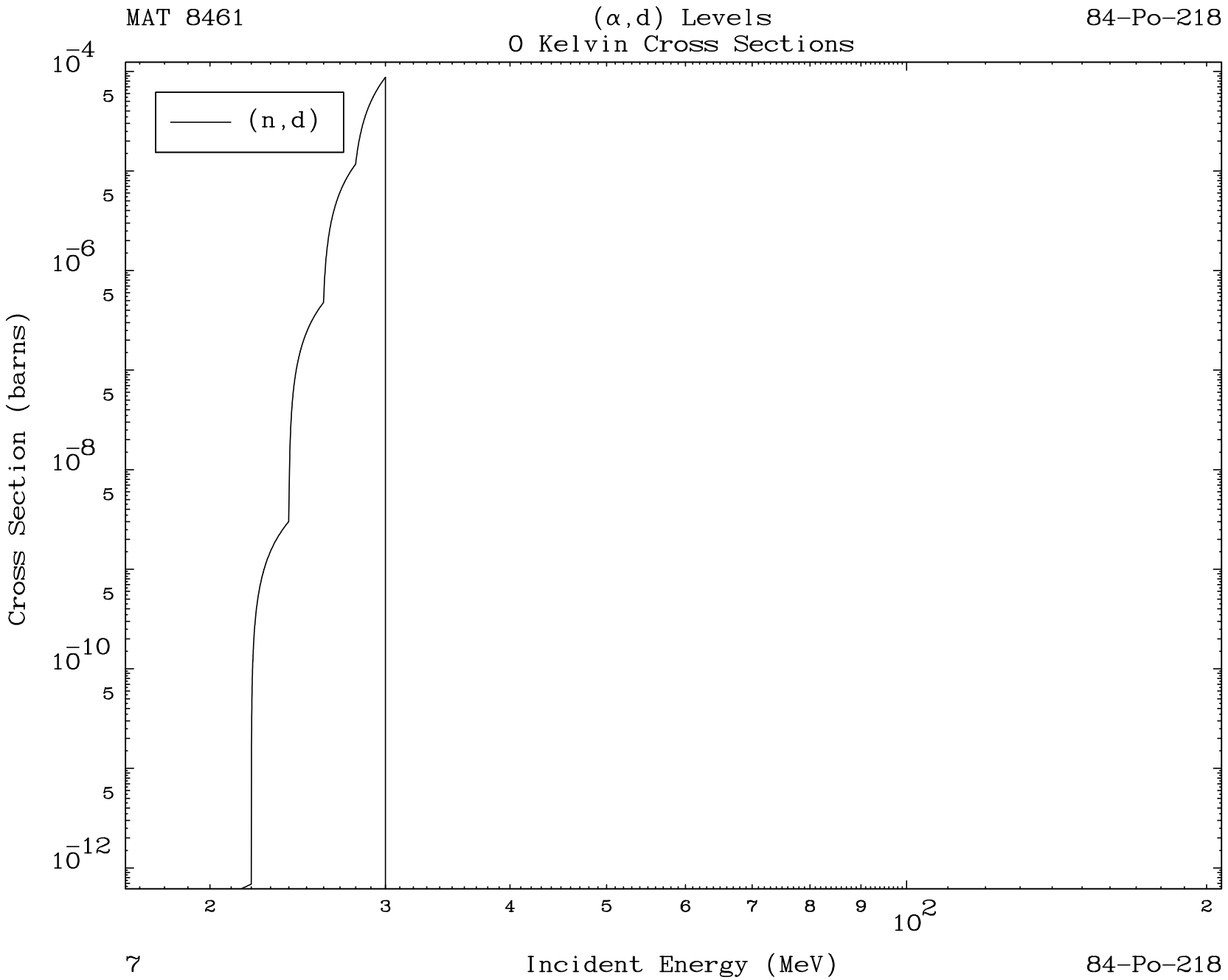

MAT 8461
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-218
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
84-Po-218

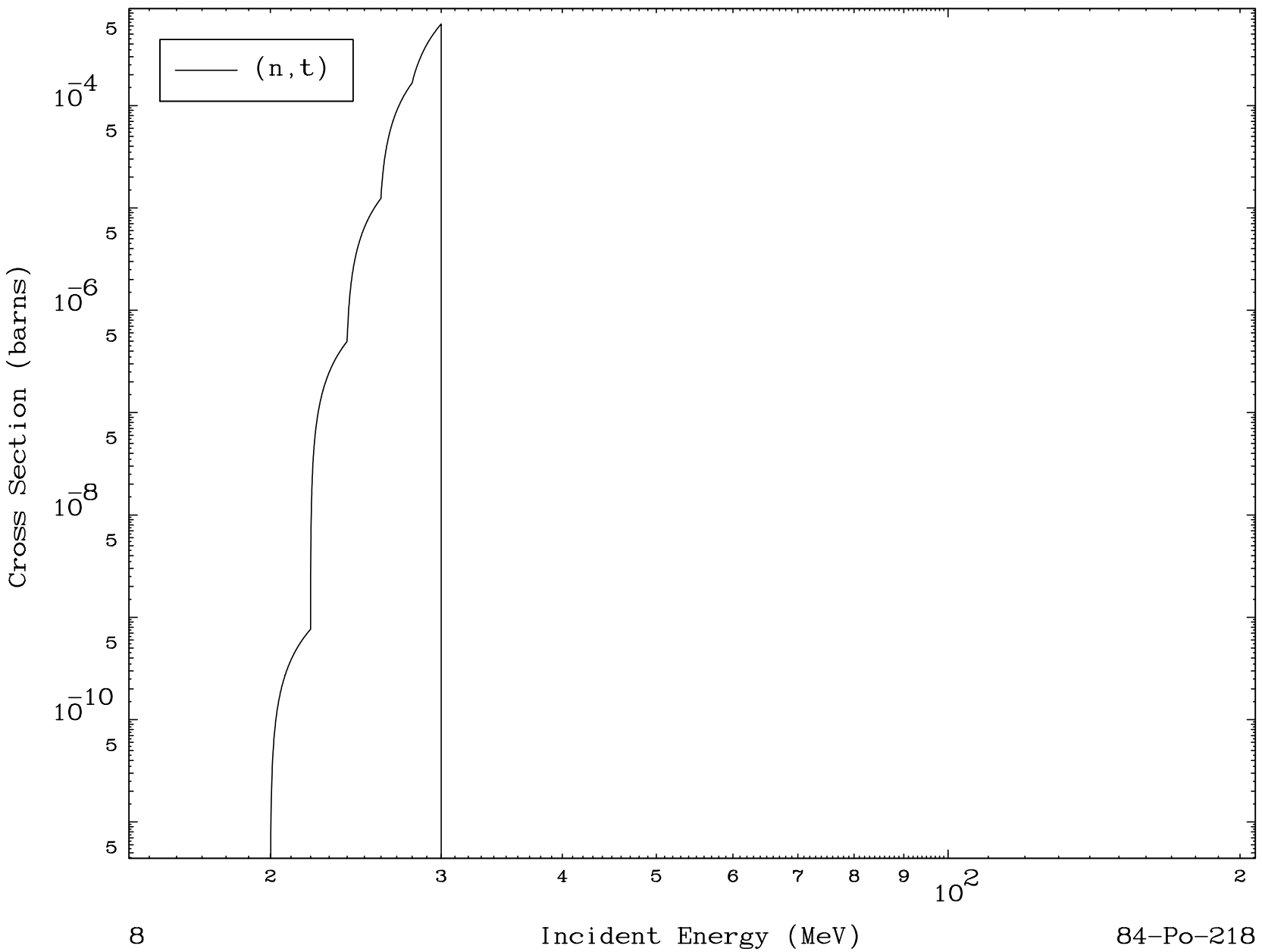

MAT 8461
α Neutron Absorption
0 Kelvin Cross Sections
84-Po-218
(n,4n)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-218

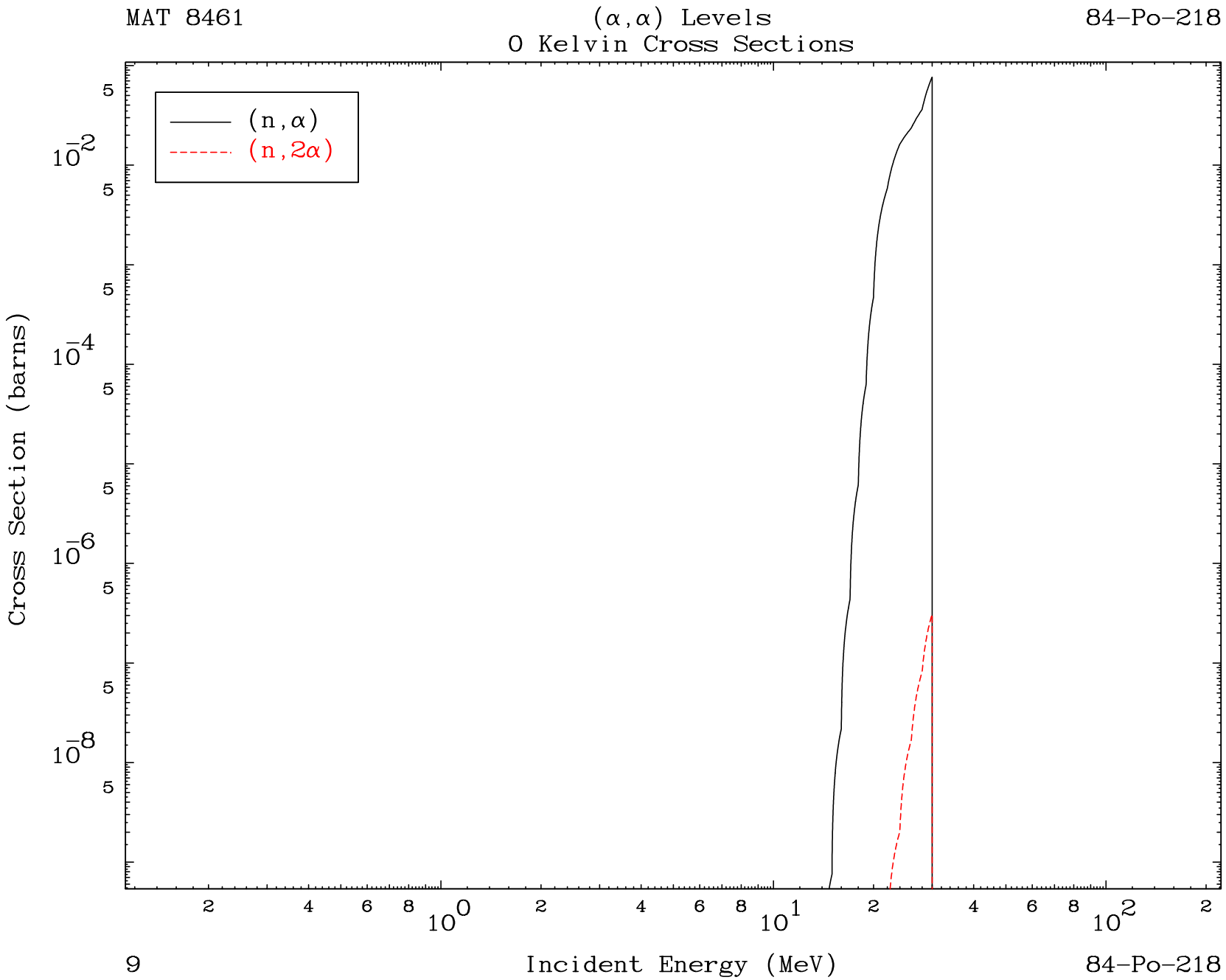

MAT 8461
α Charged Particle
0 Kelvin Cross Sections
84-Po-218
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-218

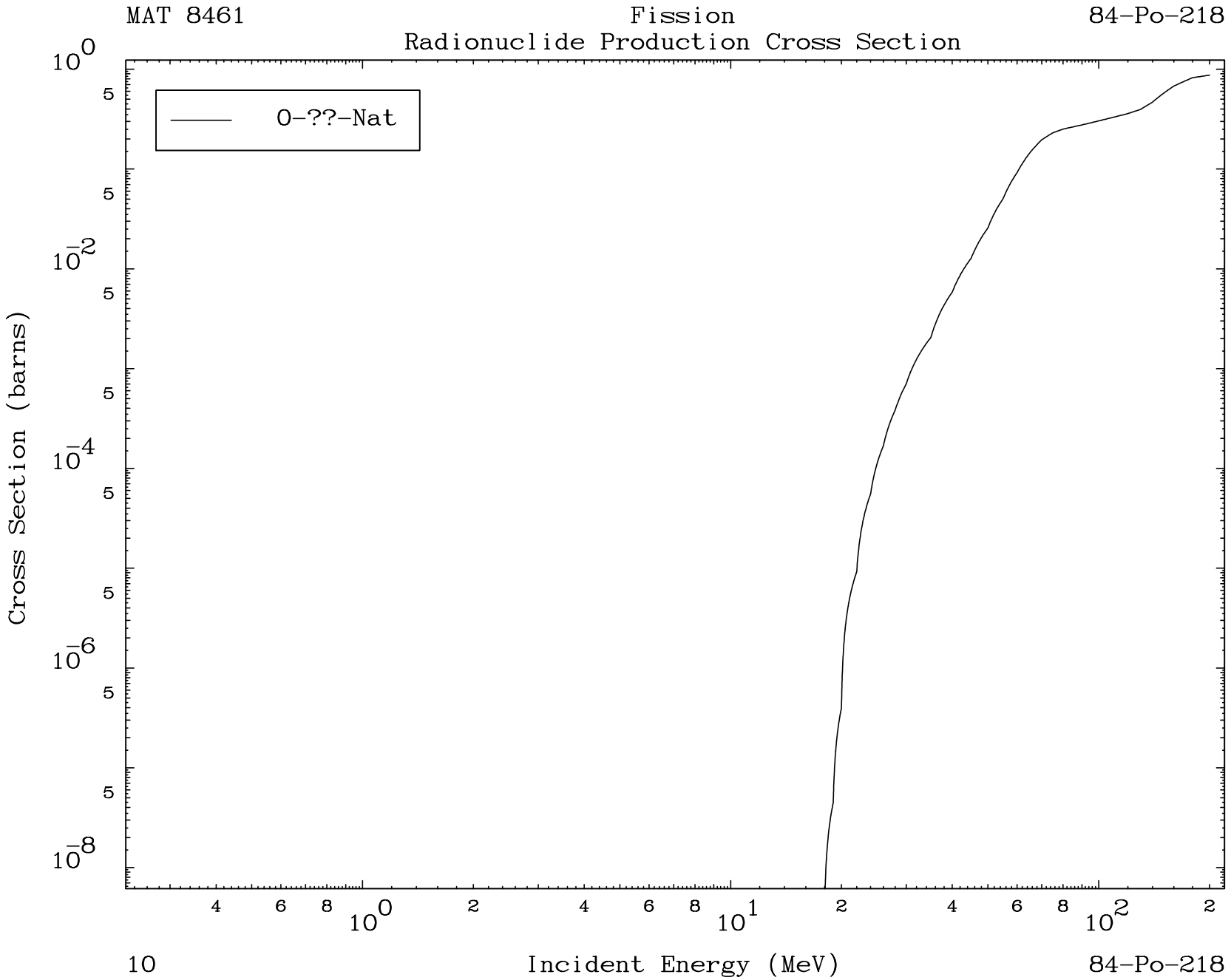

MAT 8461
α Charged Particle
0 Kelvin Cross Sections
84-Po-218
(n,n') α
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
84-Po-218


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)


MAT 8461
(α,d) Levels
84-Po-218
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
84-Po-218


0 Kelvin Cross Sections
(n,t)
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)


MAT 8461
(α,α) Levels
84-Po-218
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)
9
84-Po-218


MAT 8461
Fission
84-Po-218
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
84-Po-218