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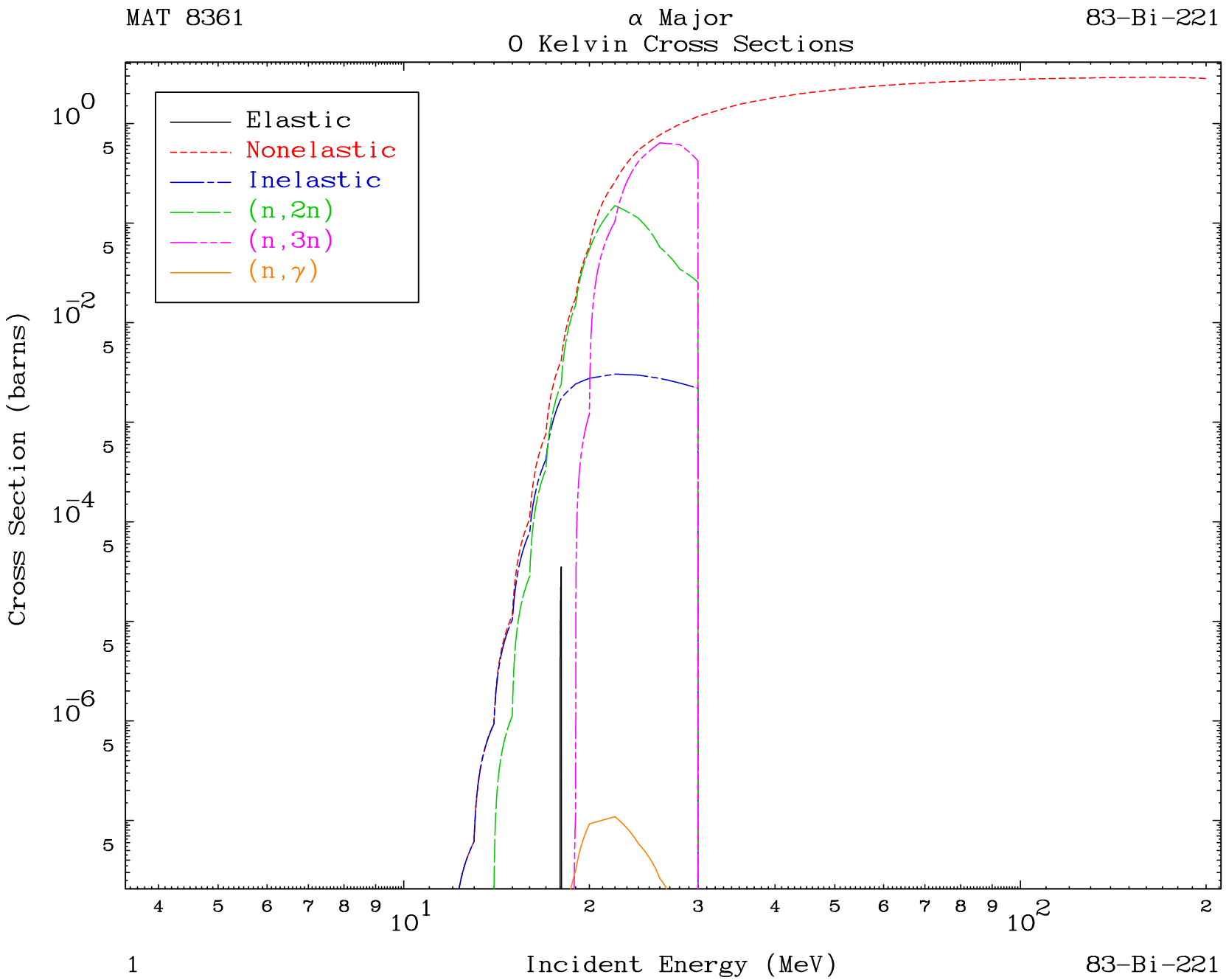
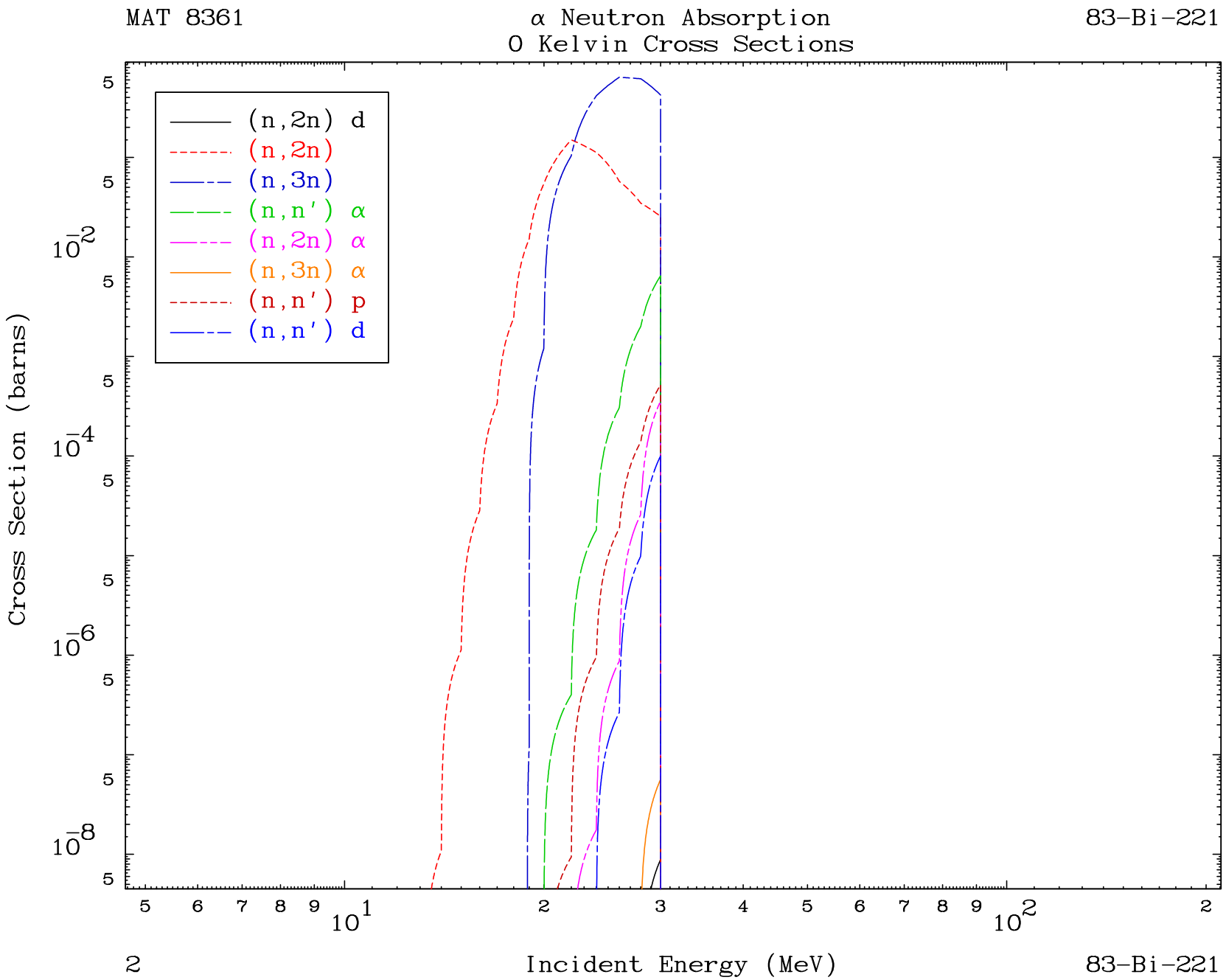
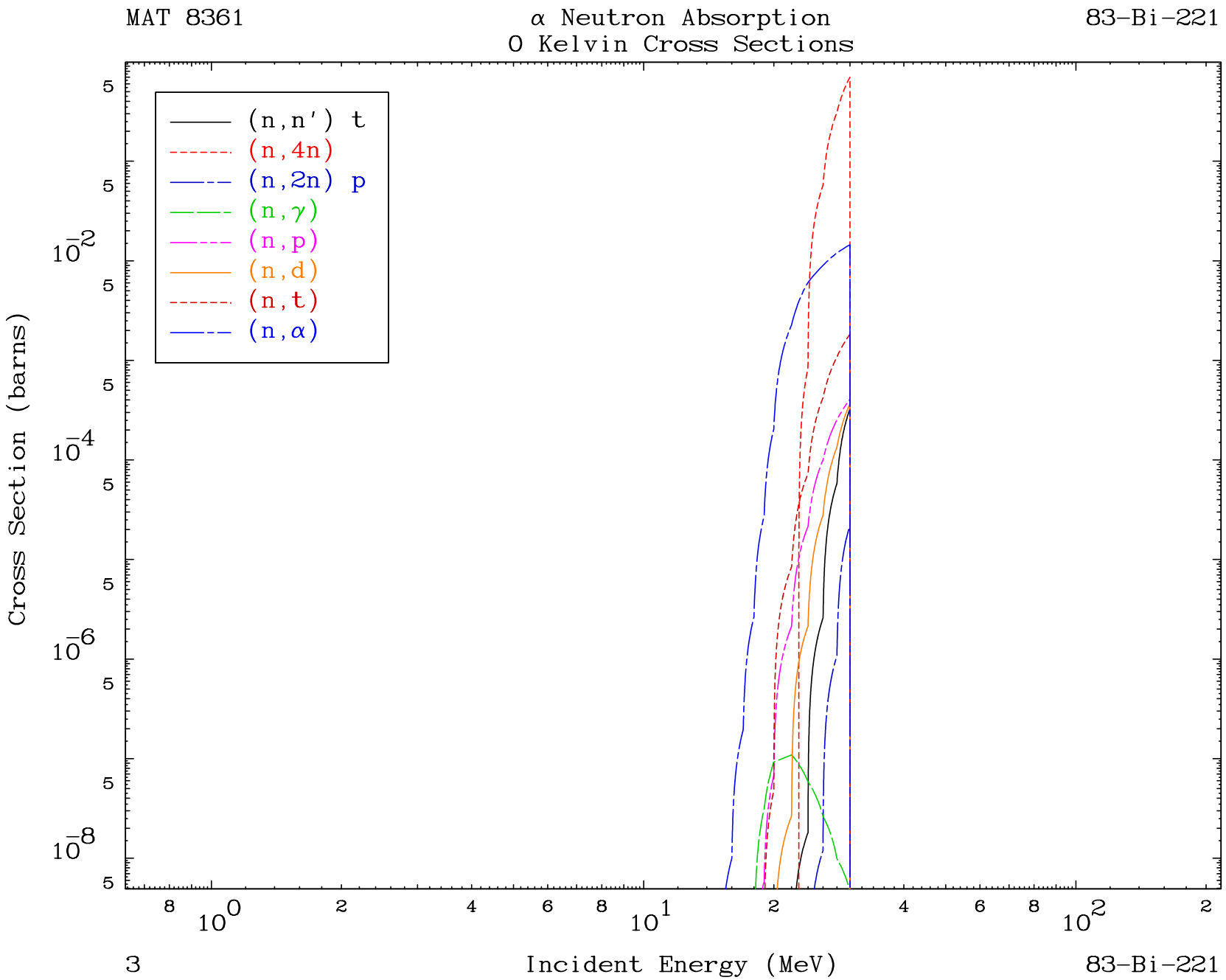
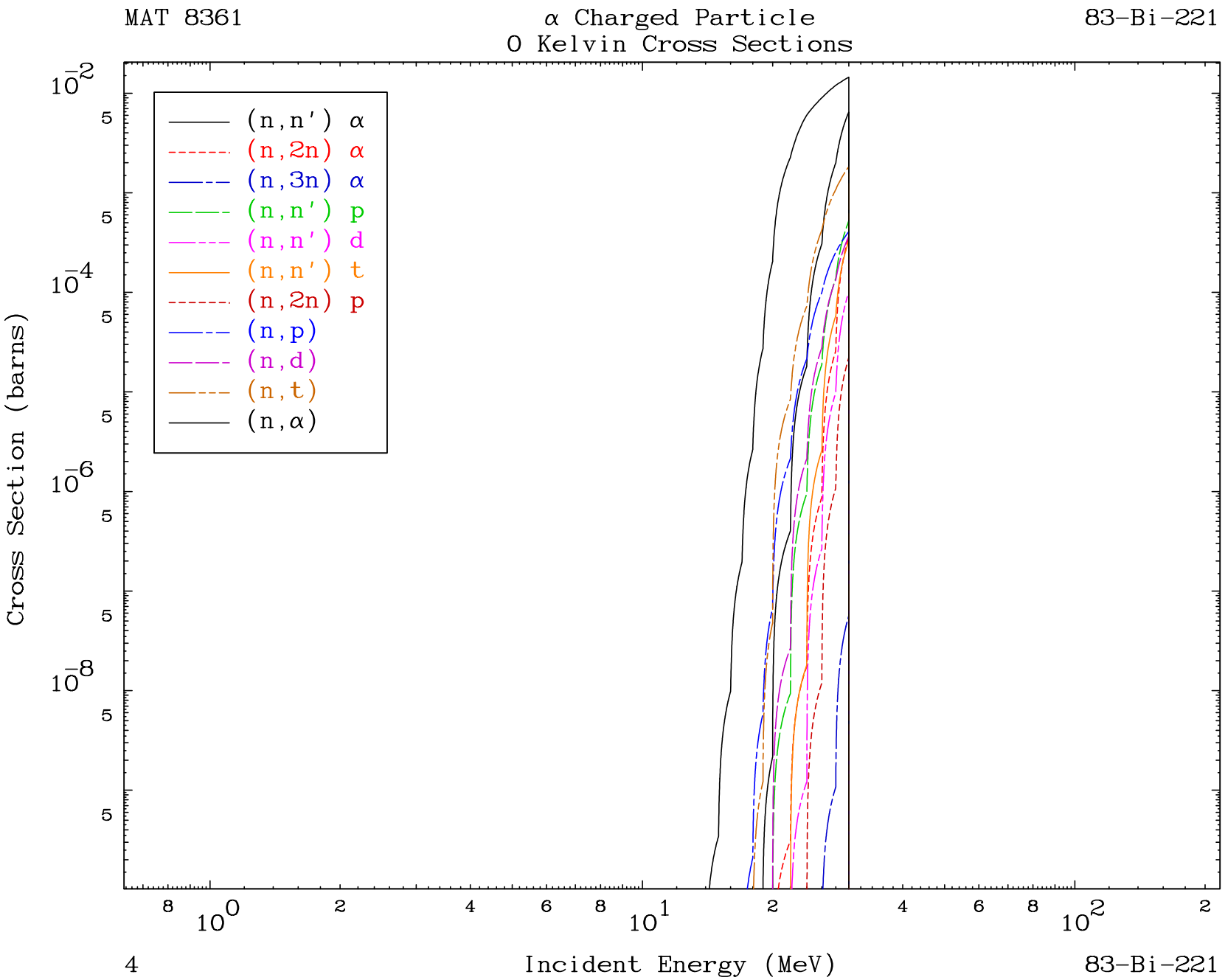
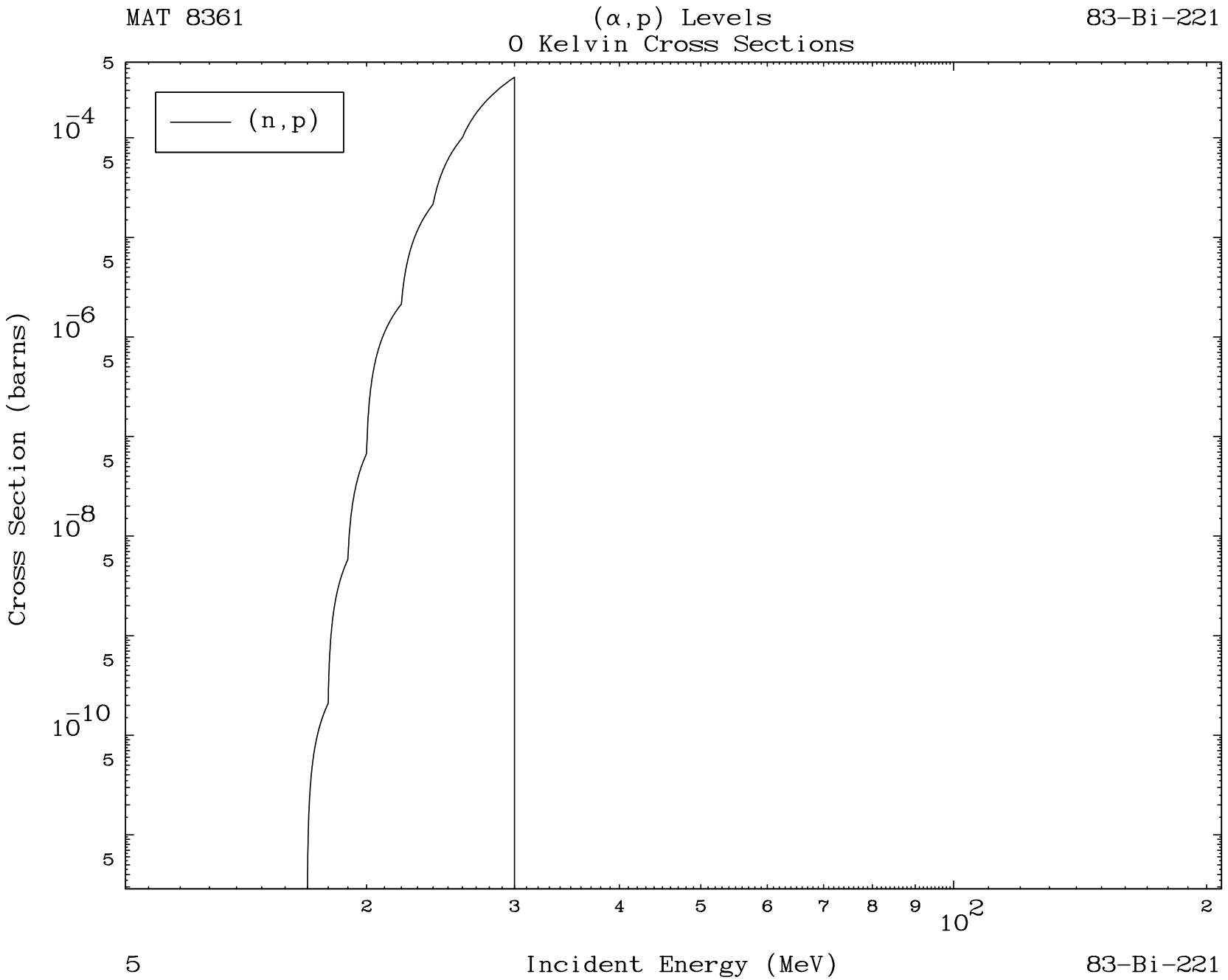
Press Mouse Button to Start

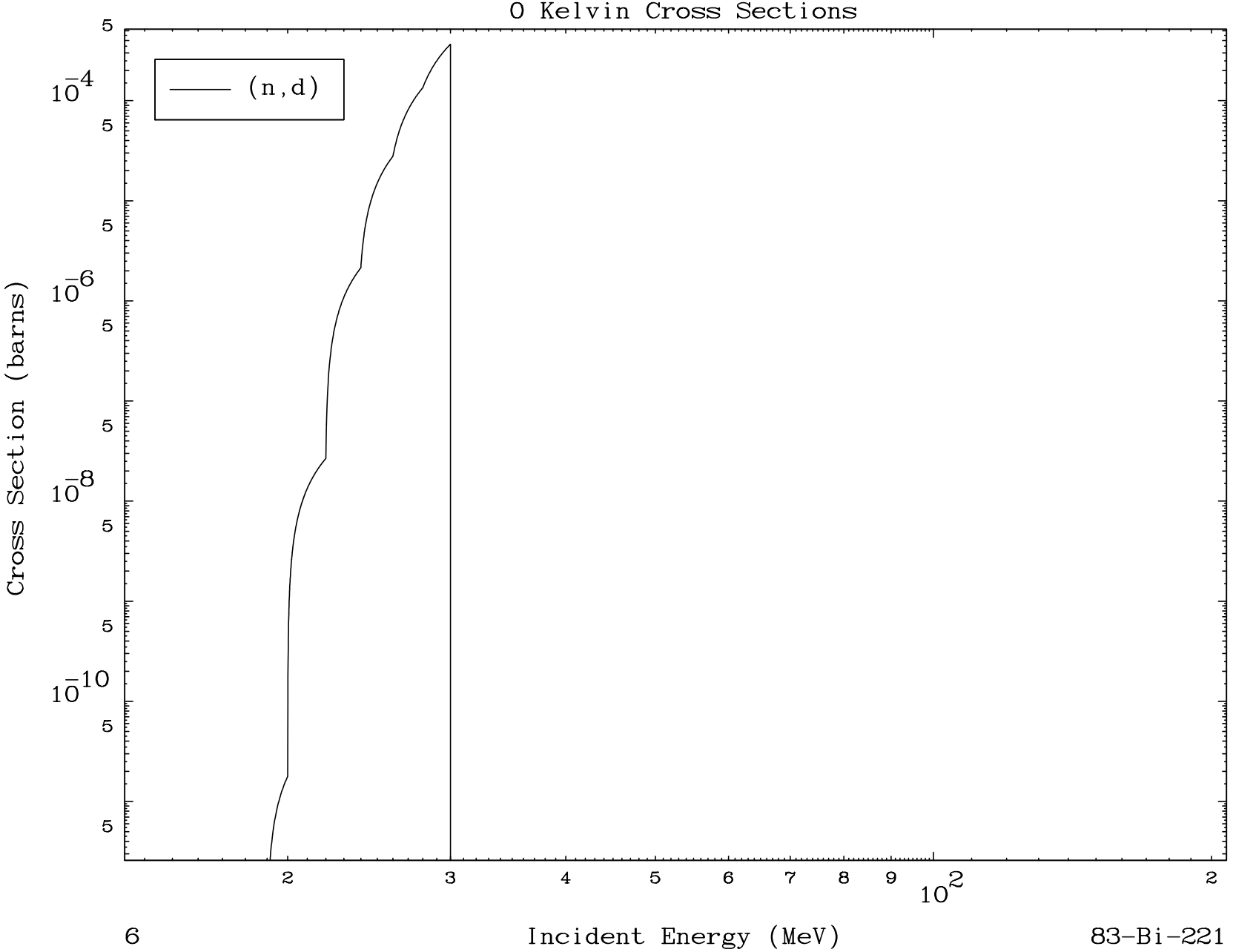

MAT 8361
α Major
83-Bi-221
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-221

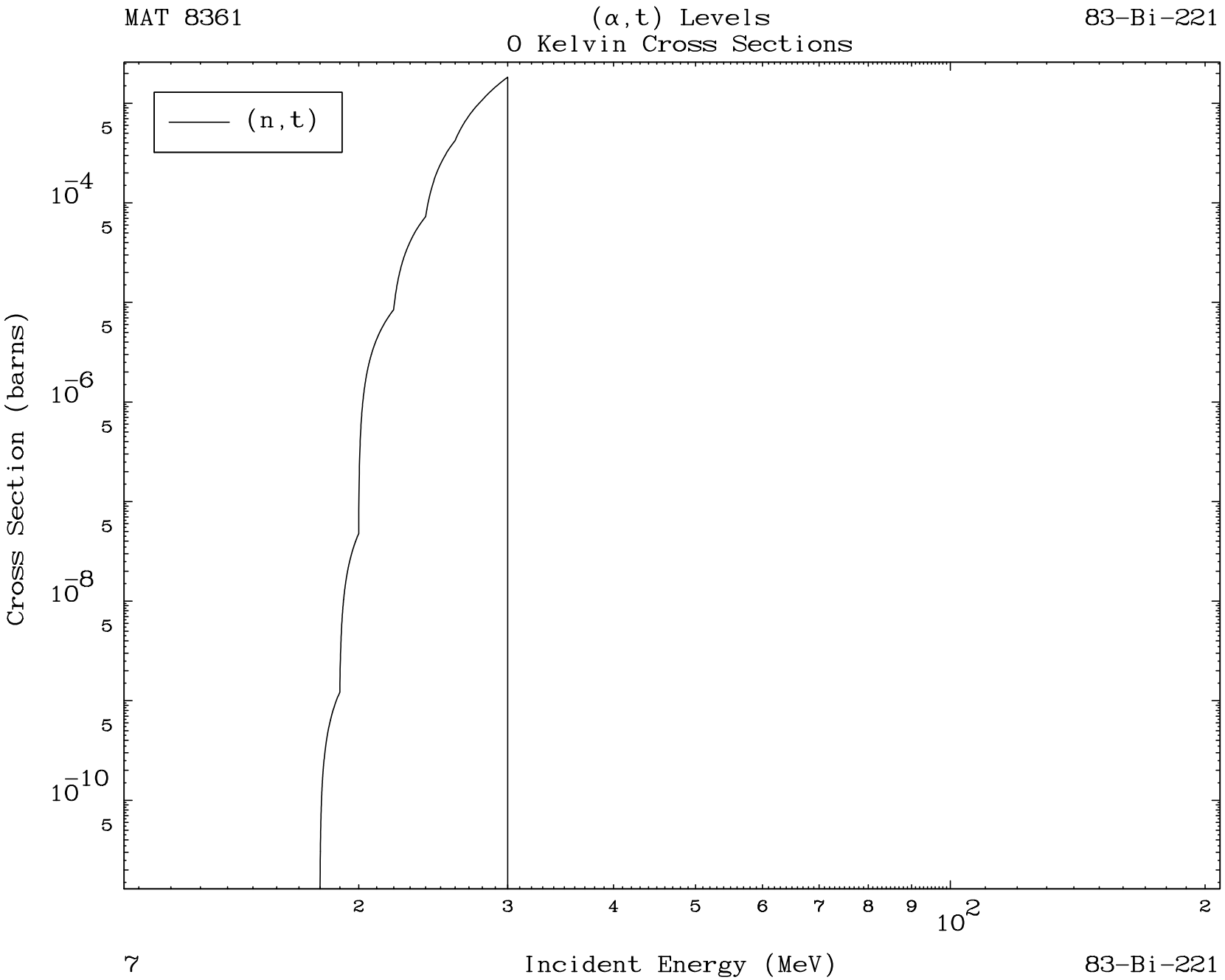

MAT 8361
α Neutron Absorption
0 Kelvin Cross Sections
83-Bi-221
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
83-Bi-221

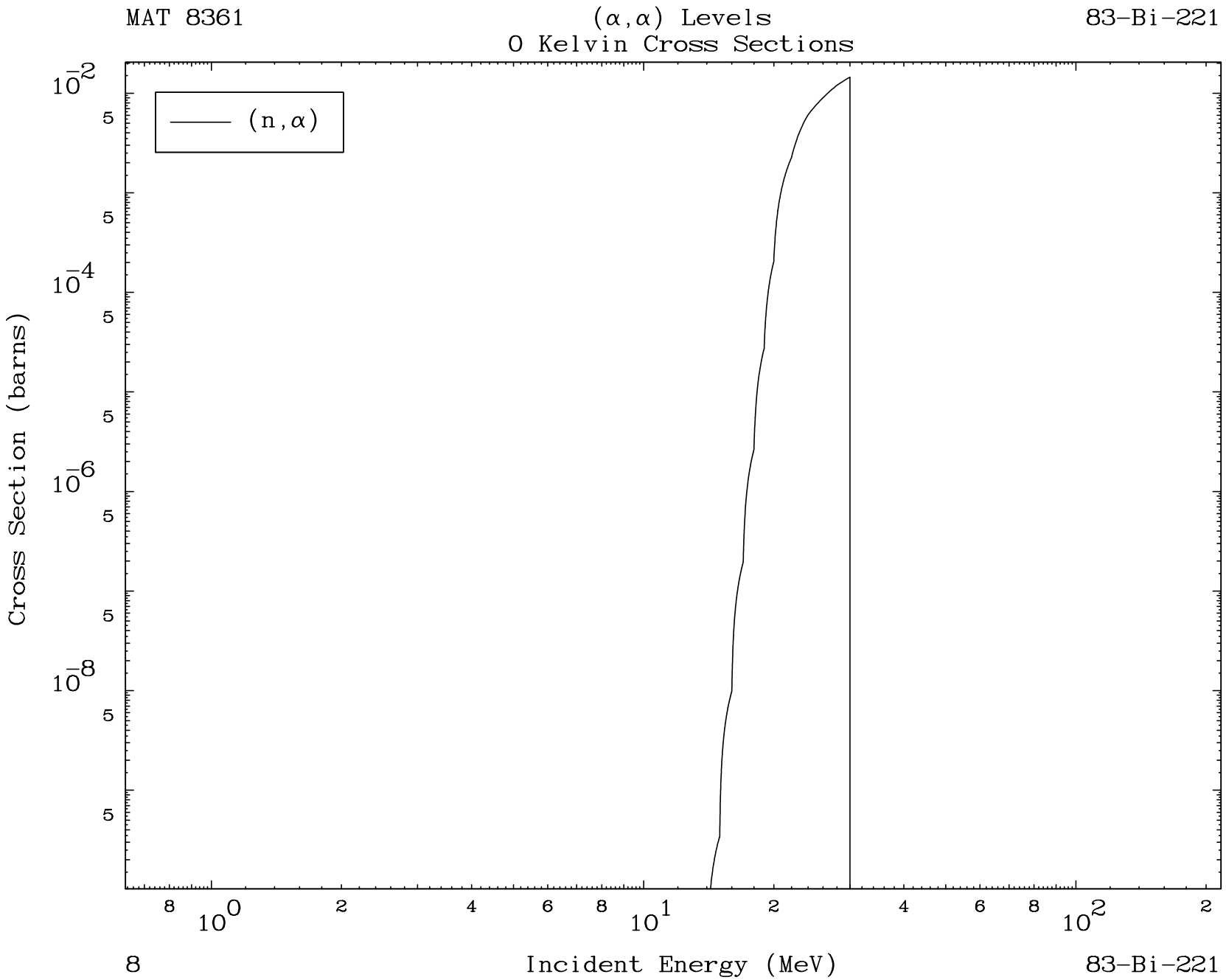

MAT 8361
α Neutron Absorption
0 Kelvin Cross Sections
83-Bi-221
(n,n') t
(n,4n)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-221

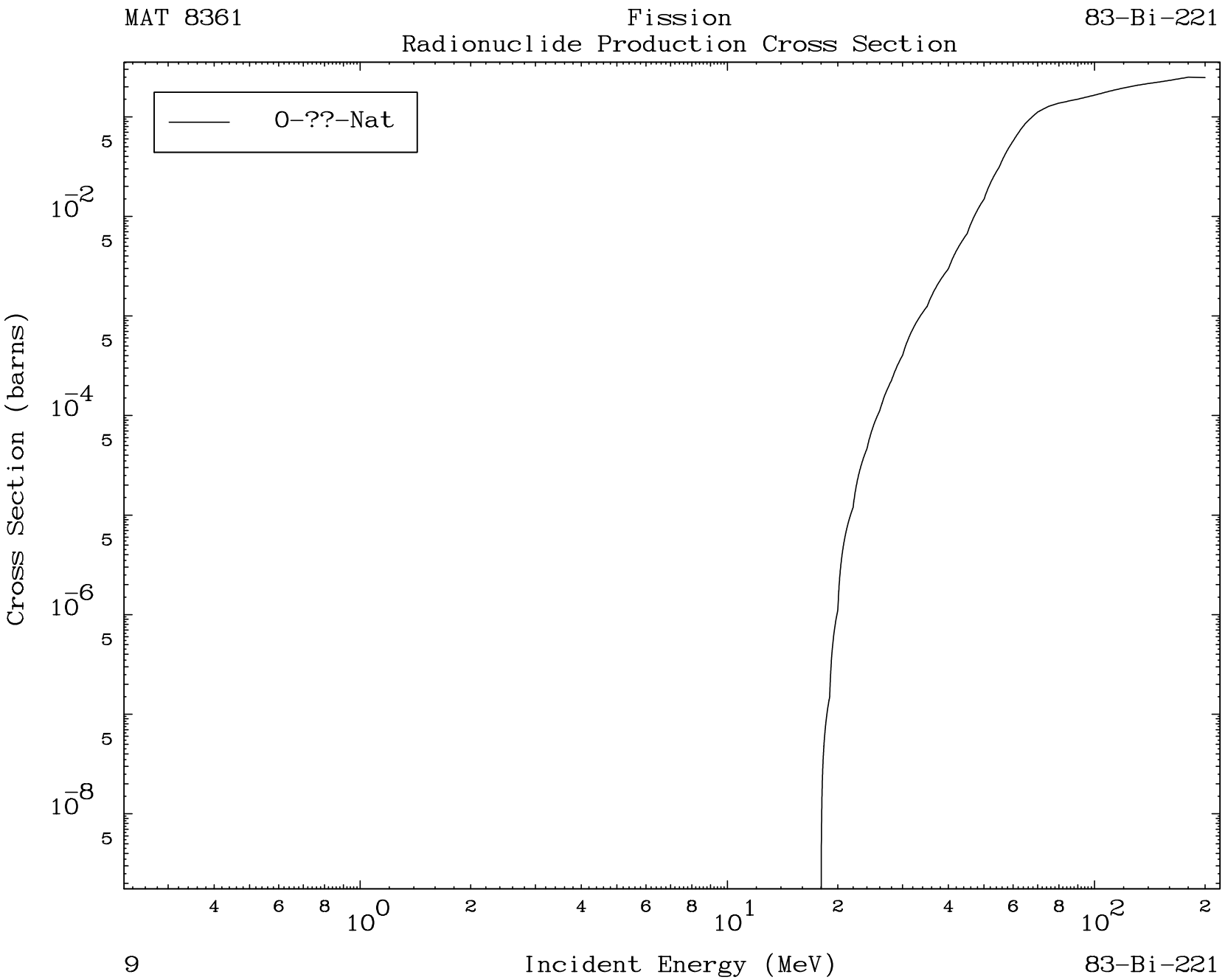

MAT 8361
α Charged Particle
0 Kelvin Cross Sections
83-Bi-221
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-221


MAT 8361
(α,p) Levels
83-Bi-221
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
83-Bi-221


0 Kelvin Cross Sections
(n,d)
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 8361
(α,t) Levels
83-Bi-221
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
7
Incident Energy (MeV)
83-Bi-221


MAT 8361
(α,α) Levels
83-Bi-221
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-221
8


MAT 8361
Fission
83-Bi-221
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-221