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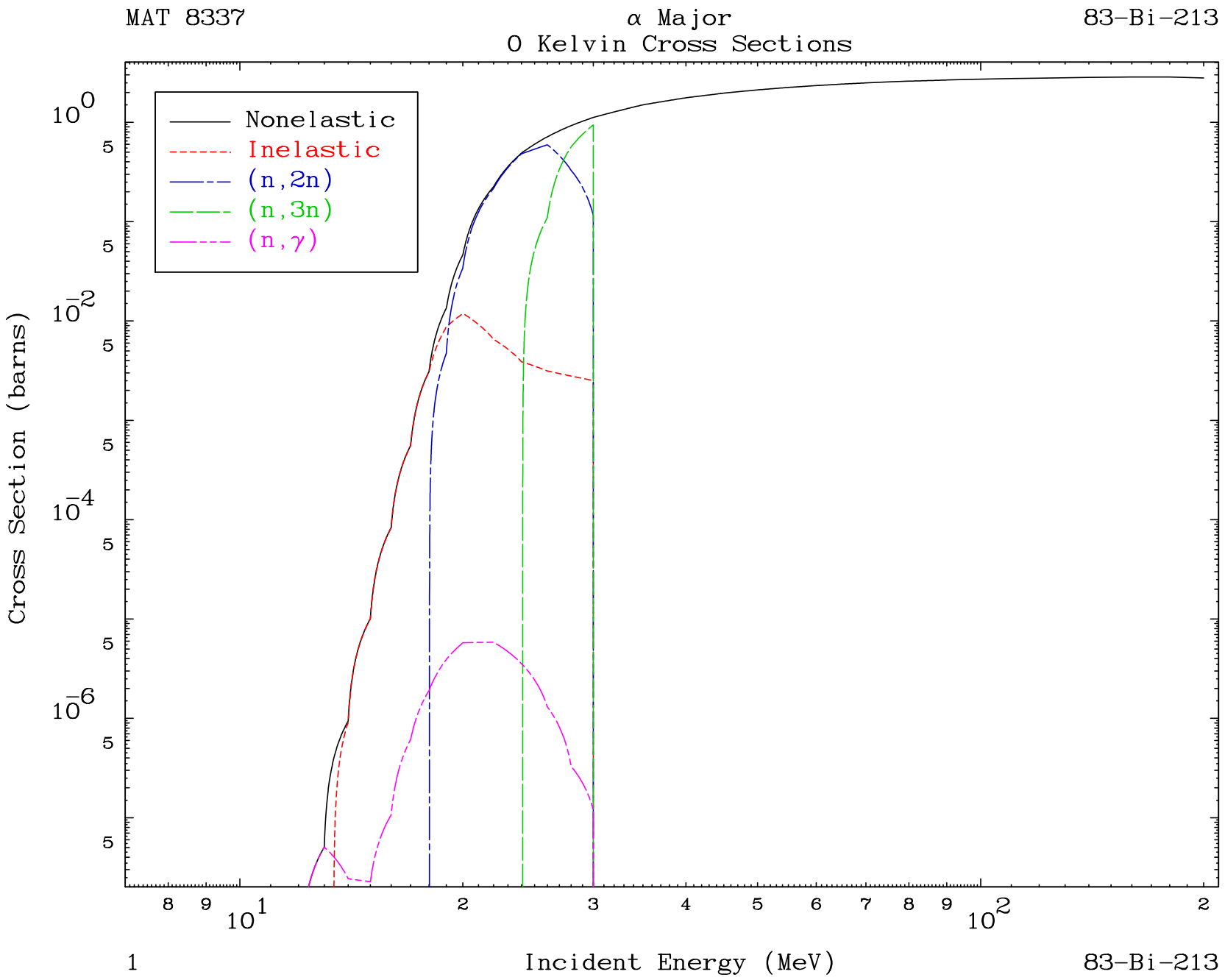
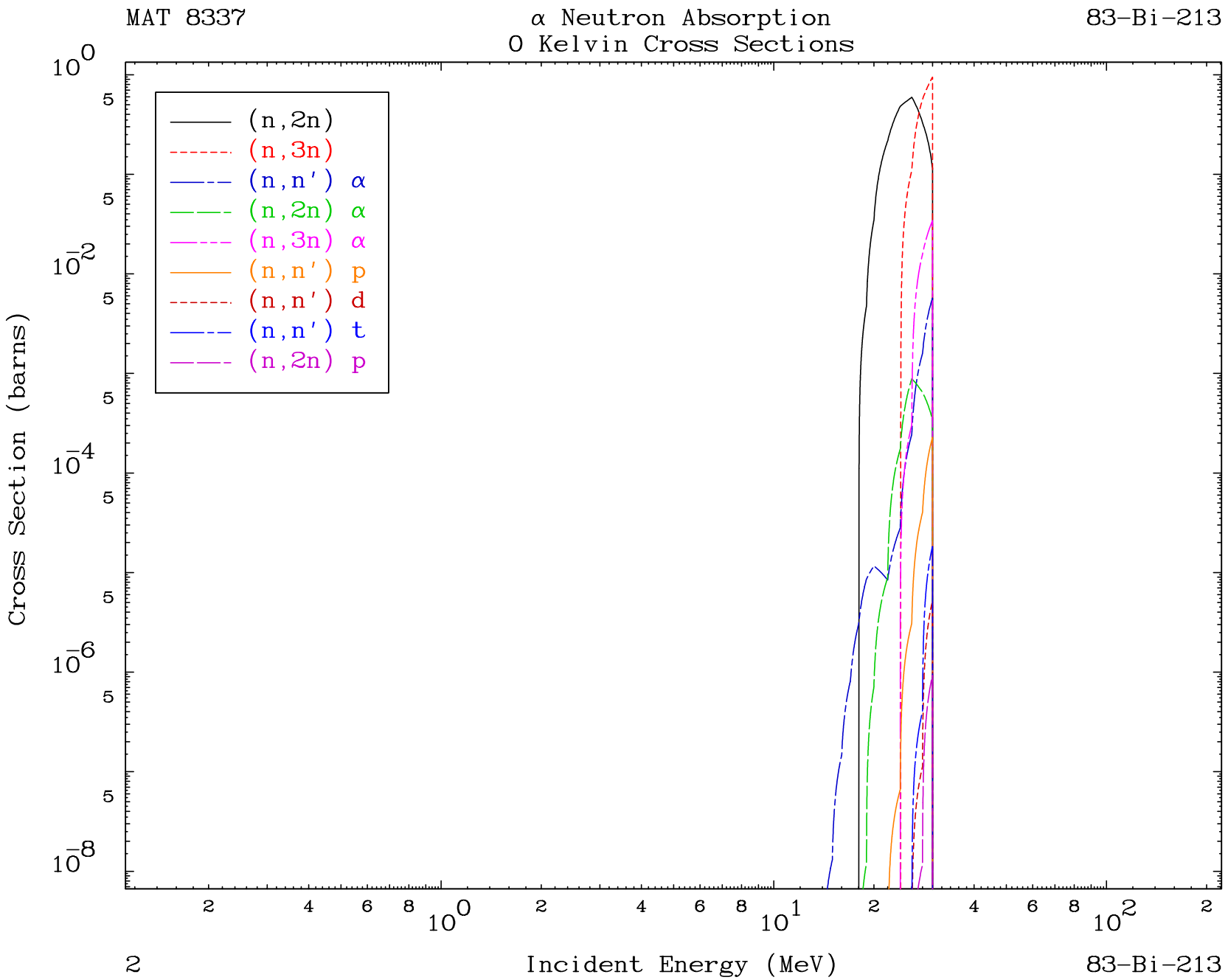
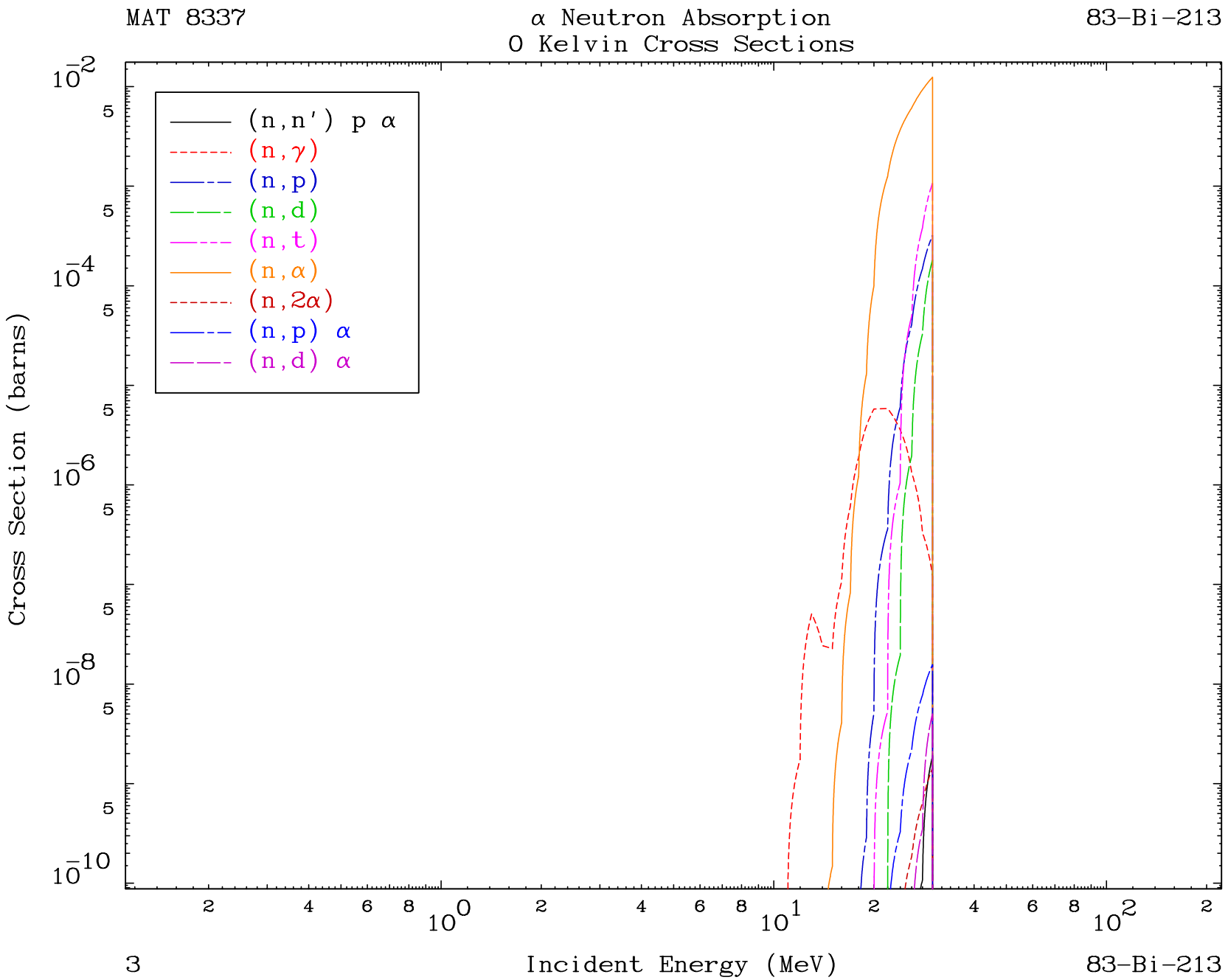
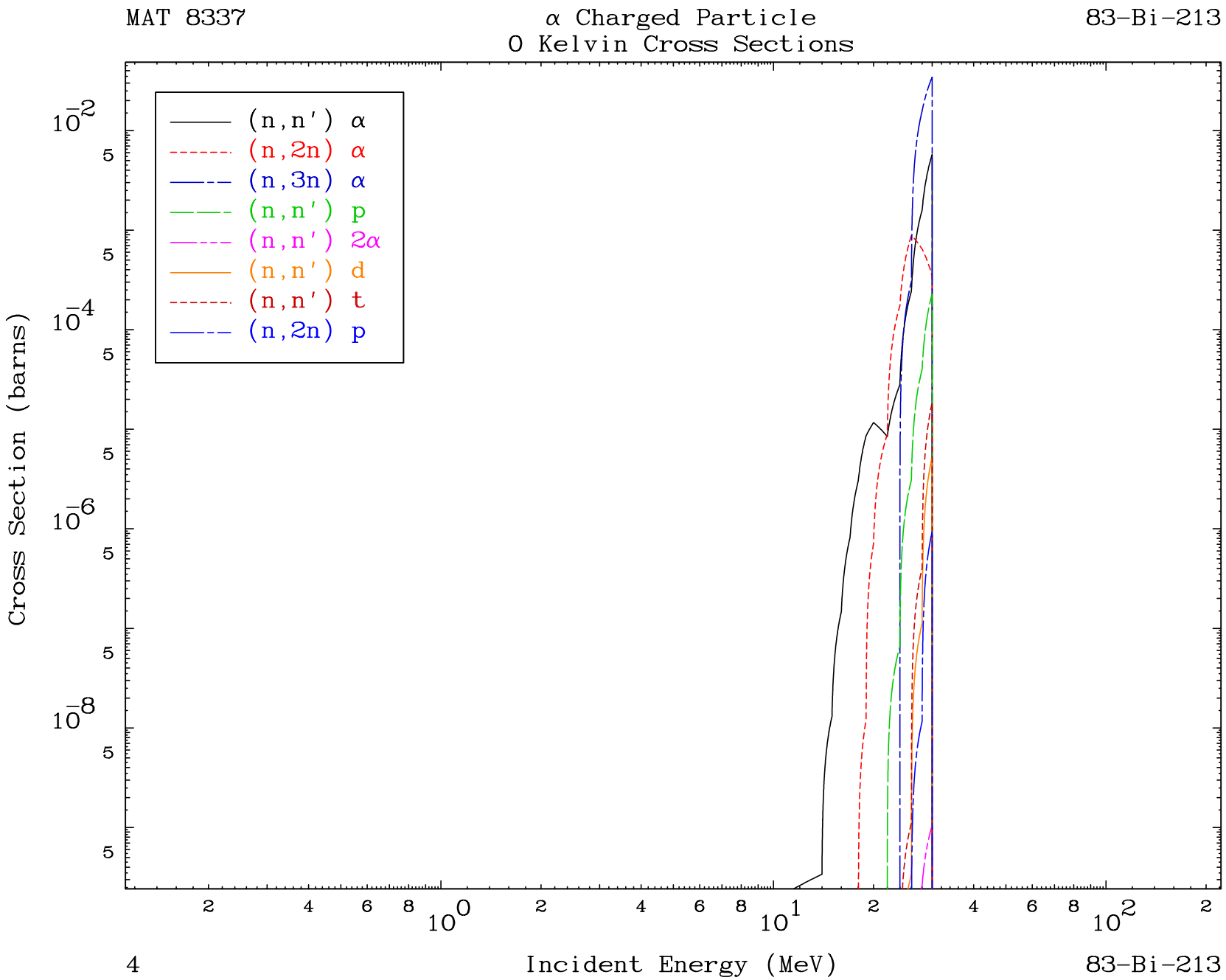
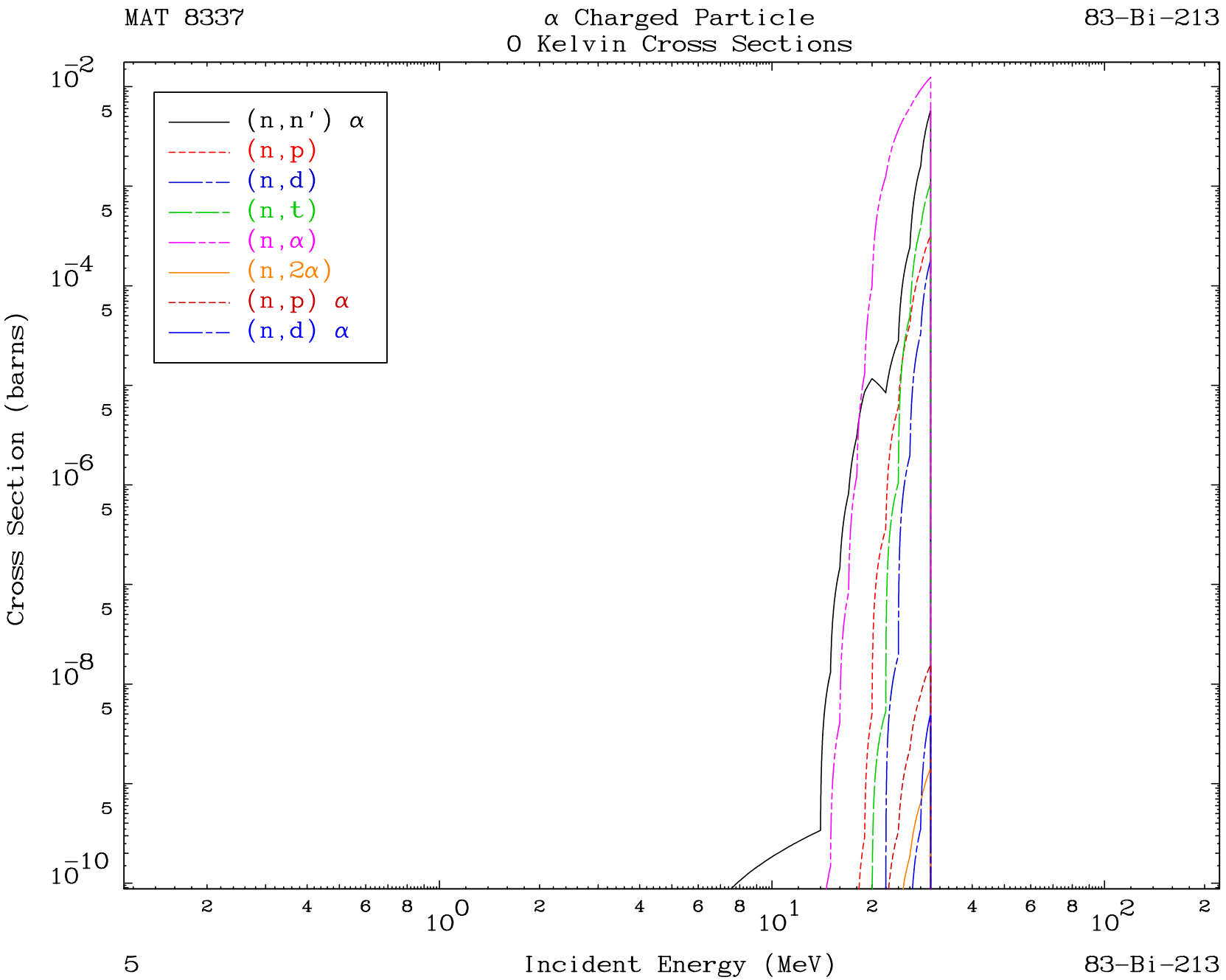
Press Mouse Button to Start


MAT 8337
α Major
83-Bi-213
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^1
10^2
Incident Energy (MeV)
1
83-Bi-213

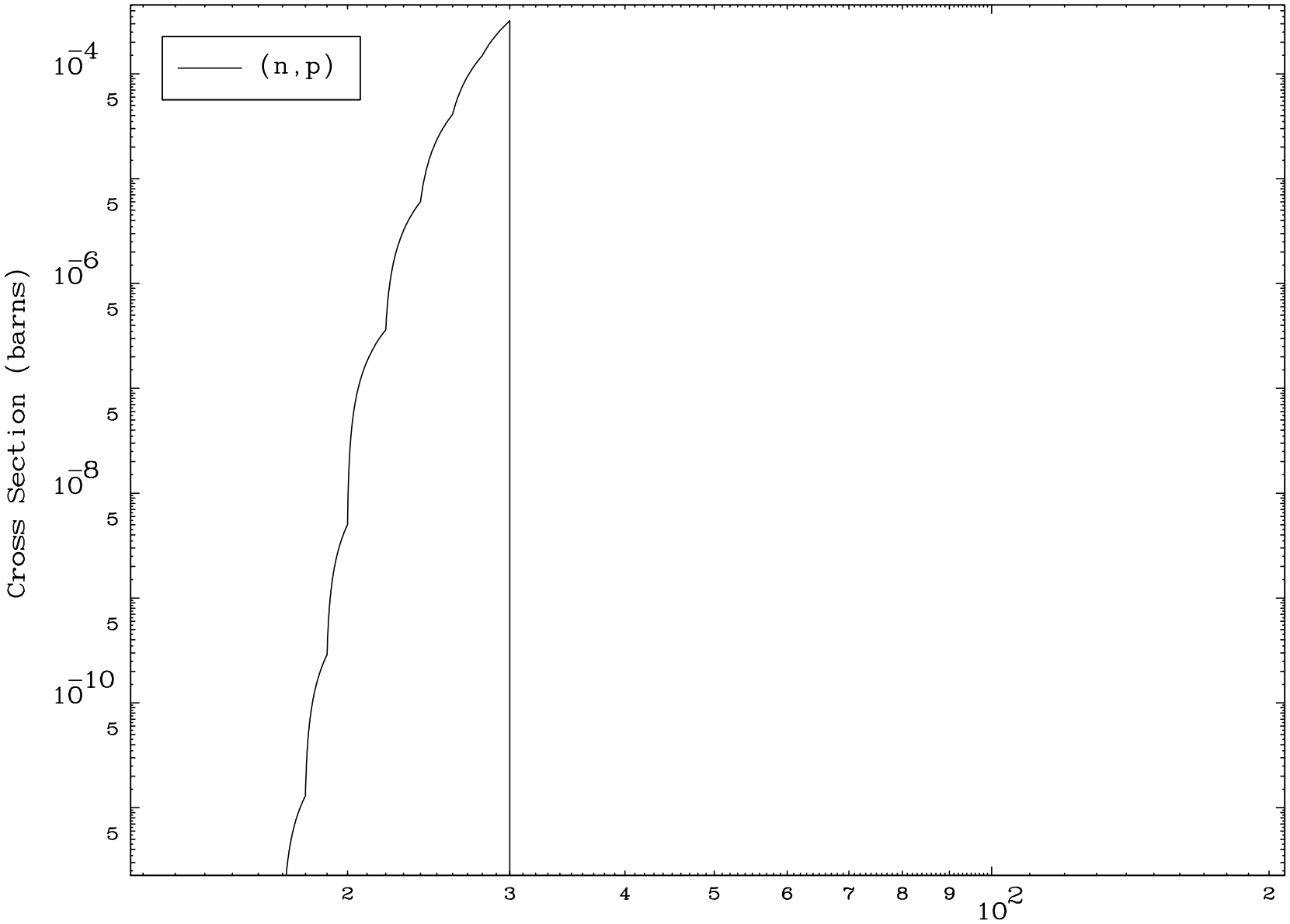

MAT 8337
α Neutron Absorption
0 Kelvin Cross Sections
83-Bi-213
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
83-Bi-213

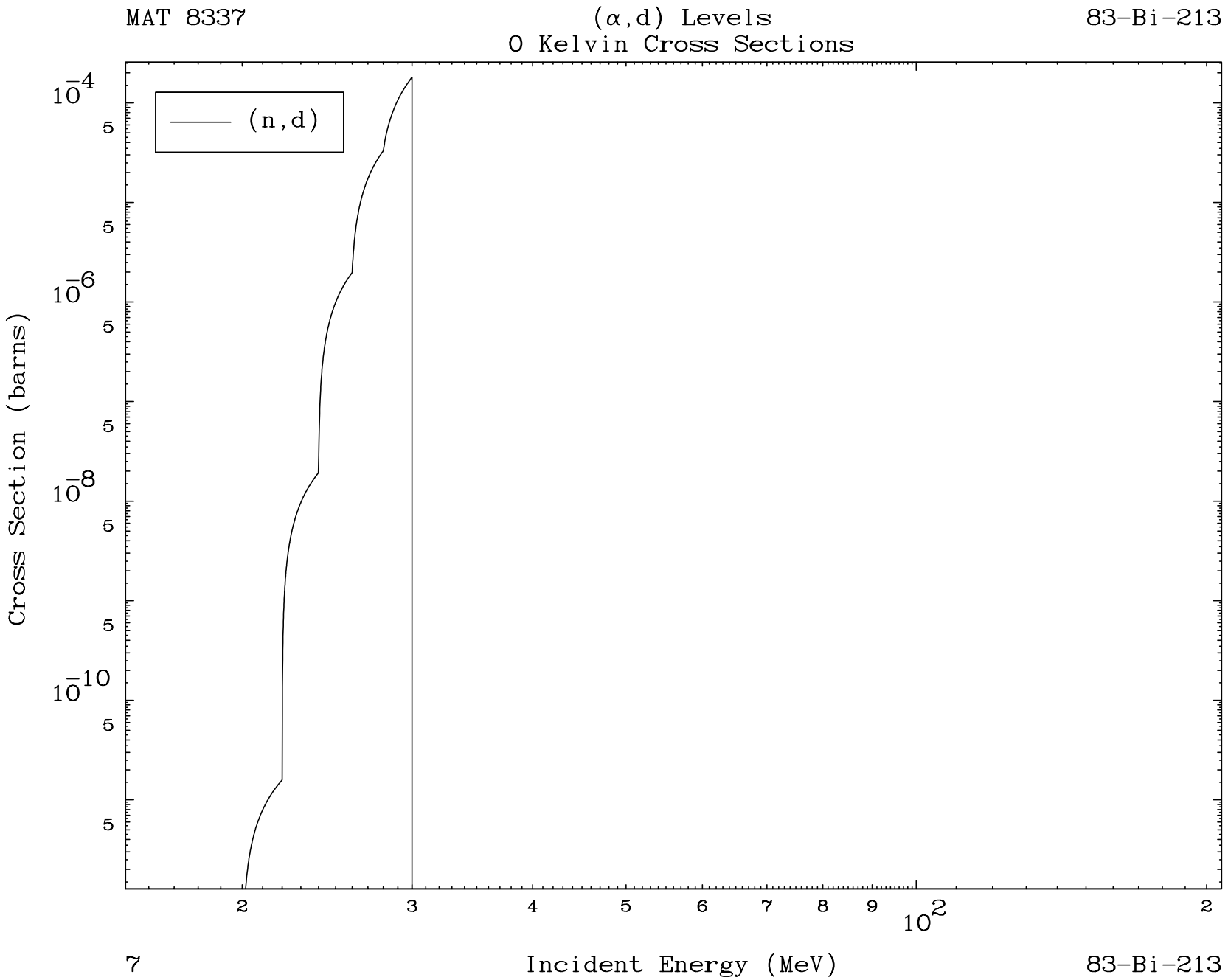

MAT 8337
α Neutron Absorption
0 Kelvin Cross Sections
83-Bi-213
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-213

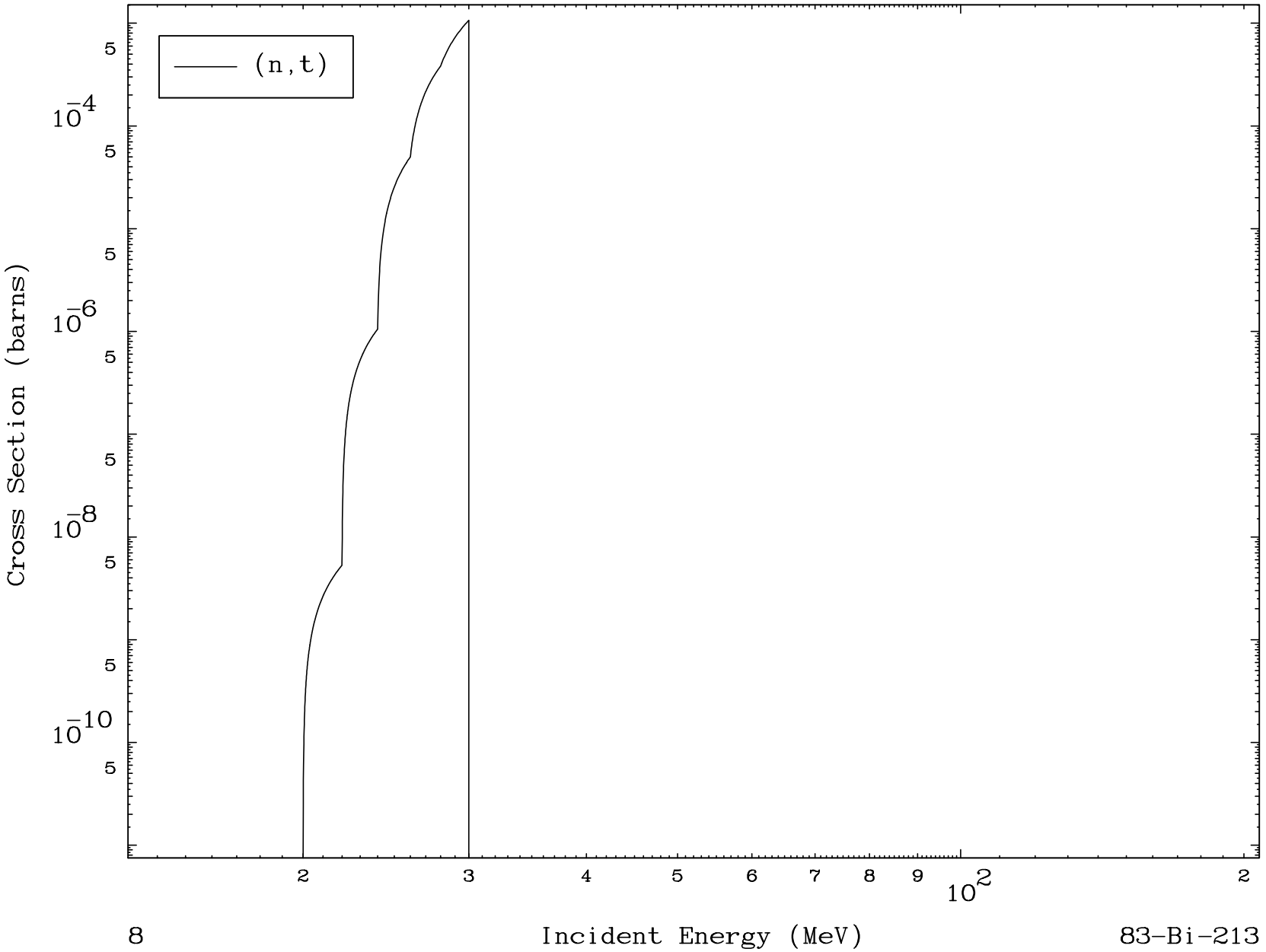

MAT 8337
α Charged Particle
0 Kelvin Cross Sections
83-Bi-213
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-213

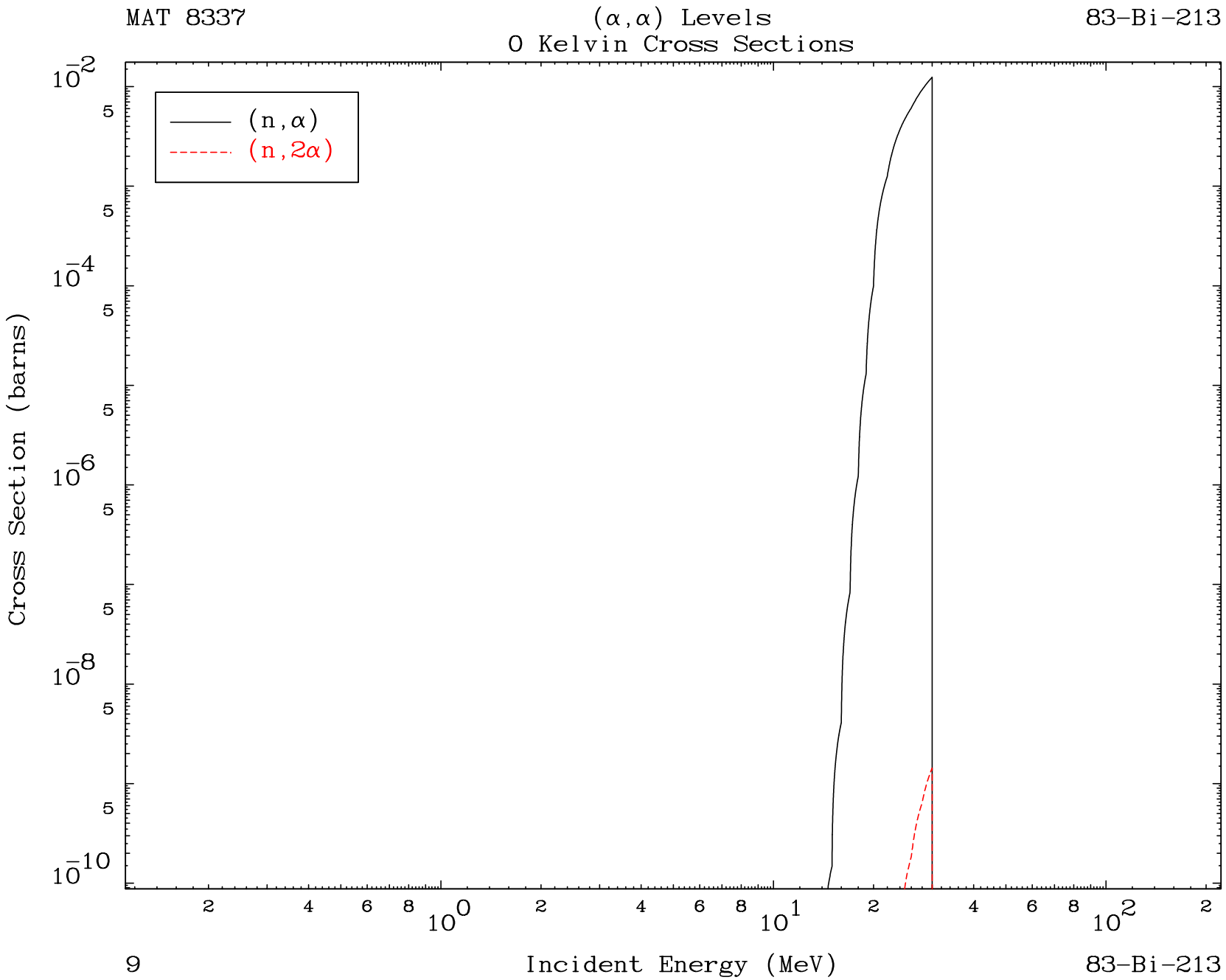

MAT 8337
α Charged Particle
0 Kelvin Cross Sections
83-Bi-213
(n,n') α
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
5
83-Bi-213

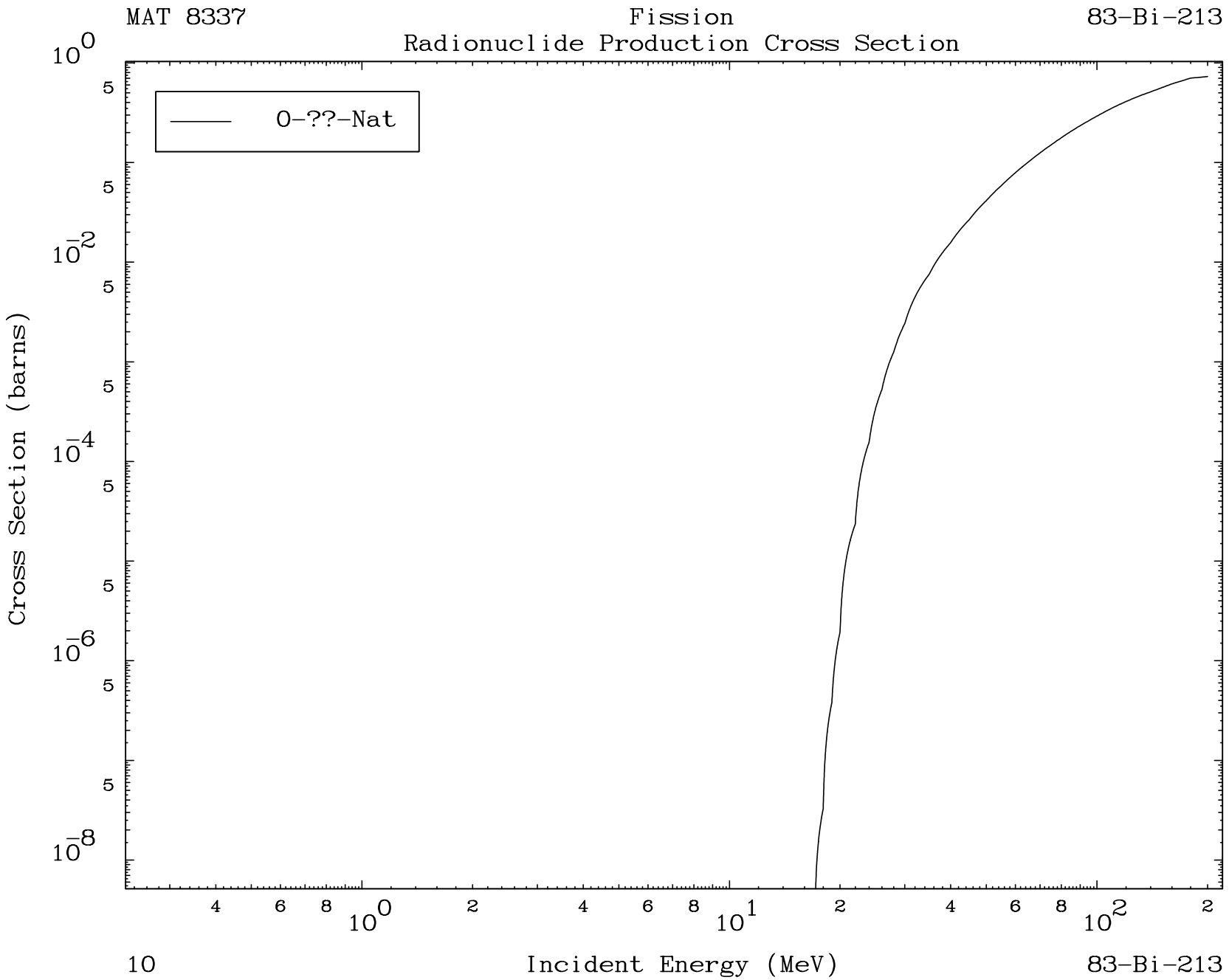
0 Kelvin Cross Sections

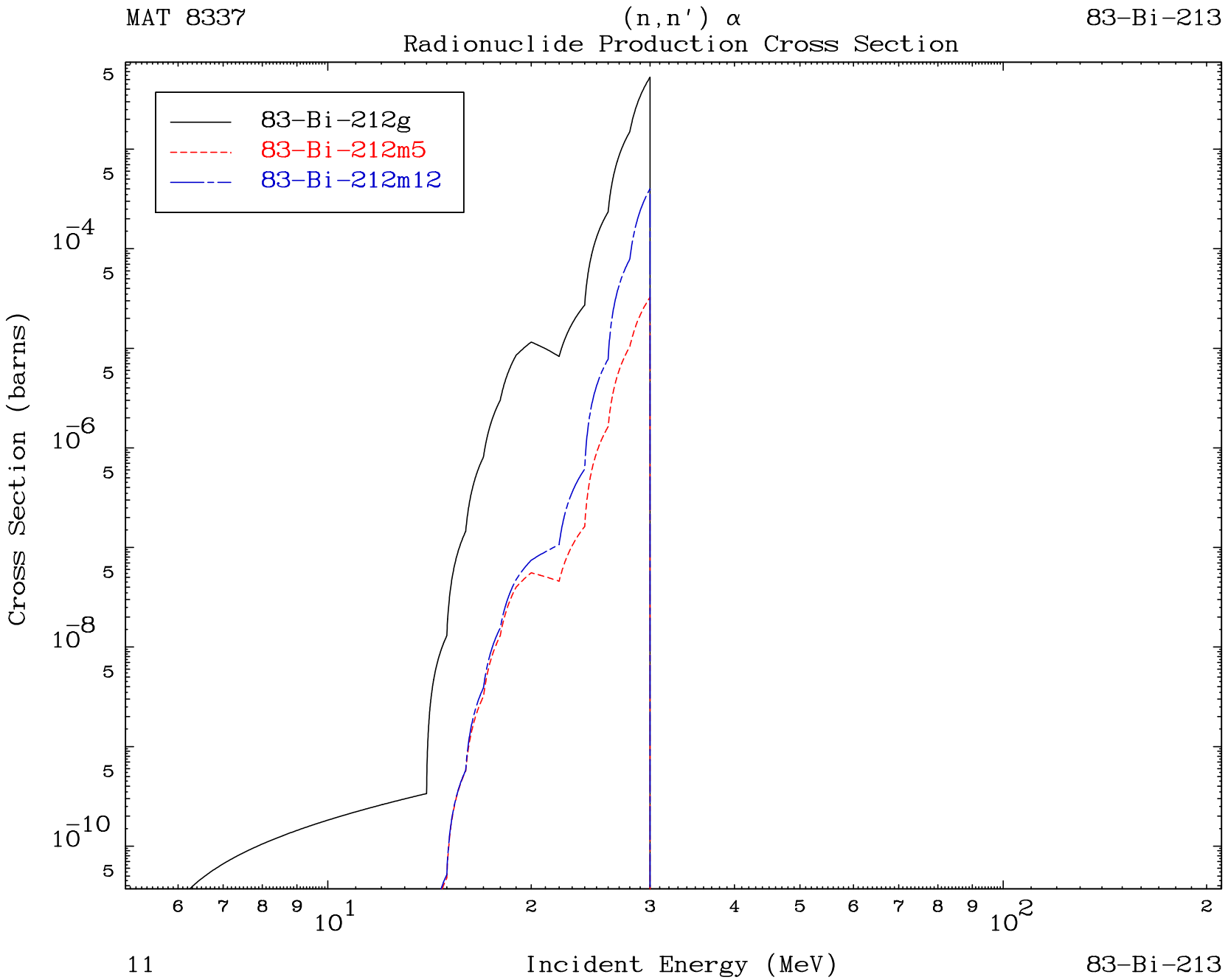


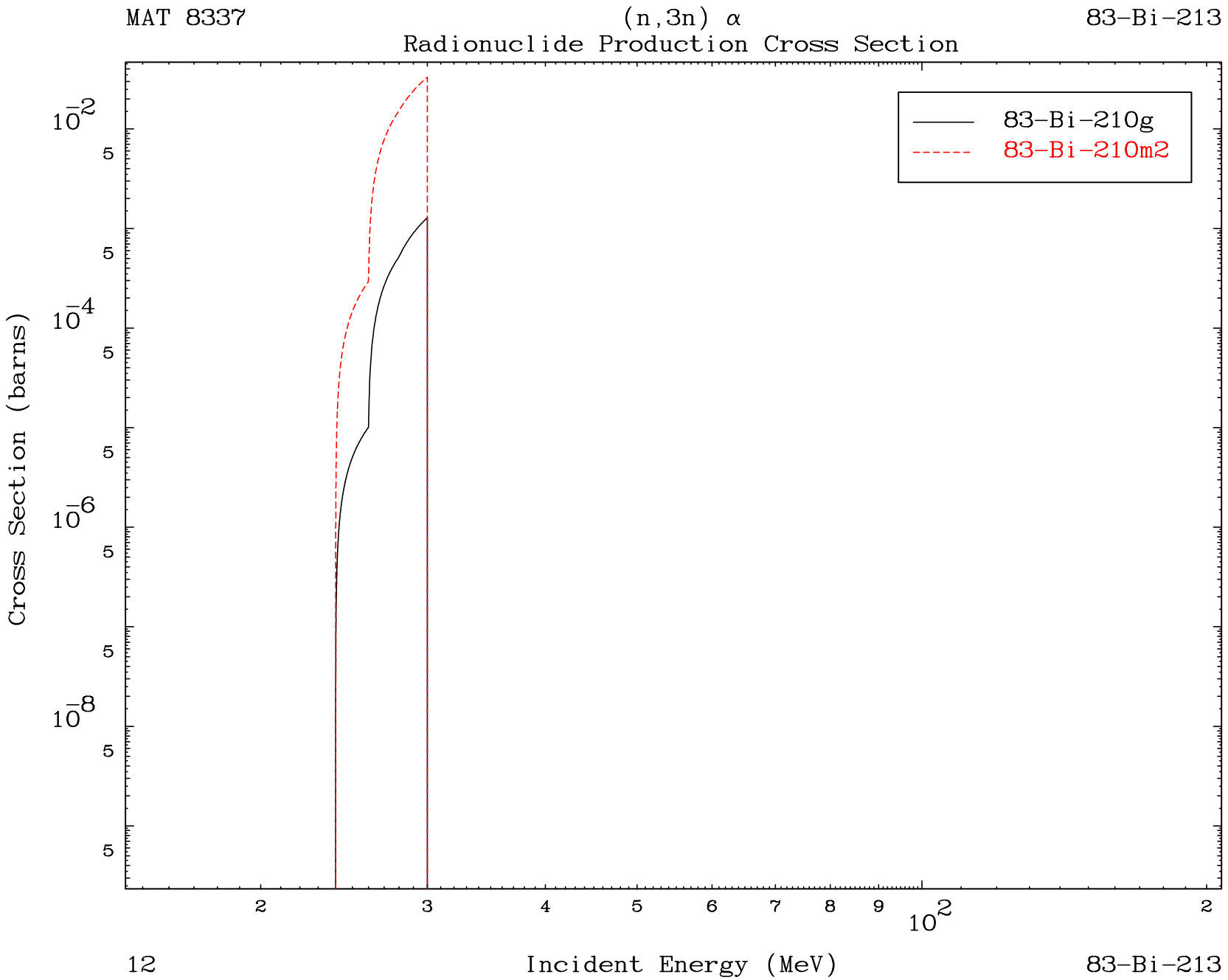

MAT 8337
(α,d) Levels
83-Bi-213
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
83-Bi-213


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 8337
(α,α) Levels
83-Bi-213
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-213


MAT 8337
Fission
83-Bi-213
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
83-Bi-213


MAT 8337
(n,n') α
83-Bi-213
Radionuclide Production Cross Section
83-Bi-212g
83-Bi-212m5
83-Bi-212m12
Cross Section (barns)
Incident Energy (MeV)
11
83-Bi-213


MAT 8337
(n,3n) α
83-Bi-213
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
83-Bi-213