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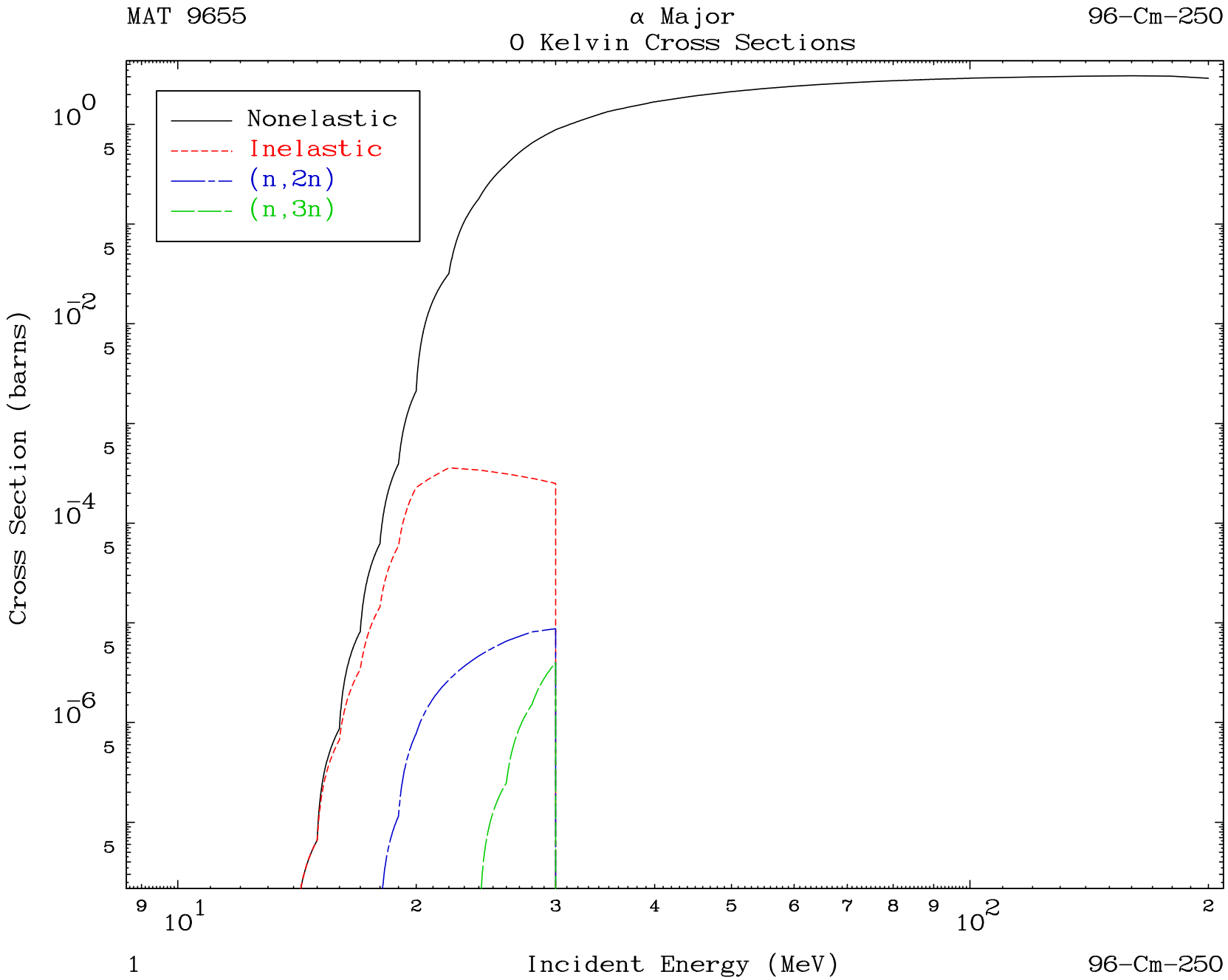
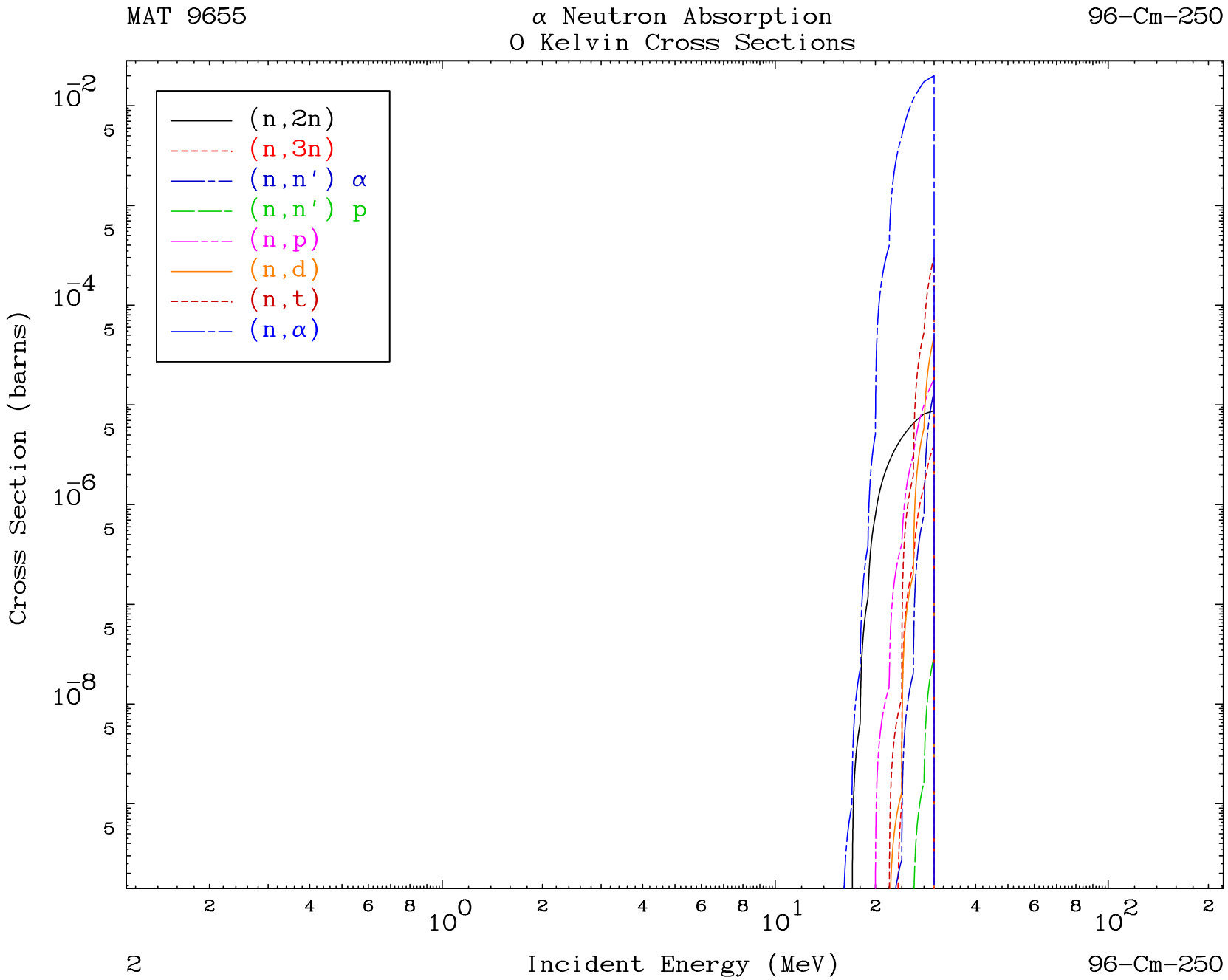
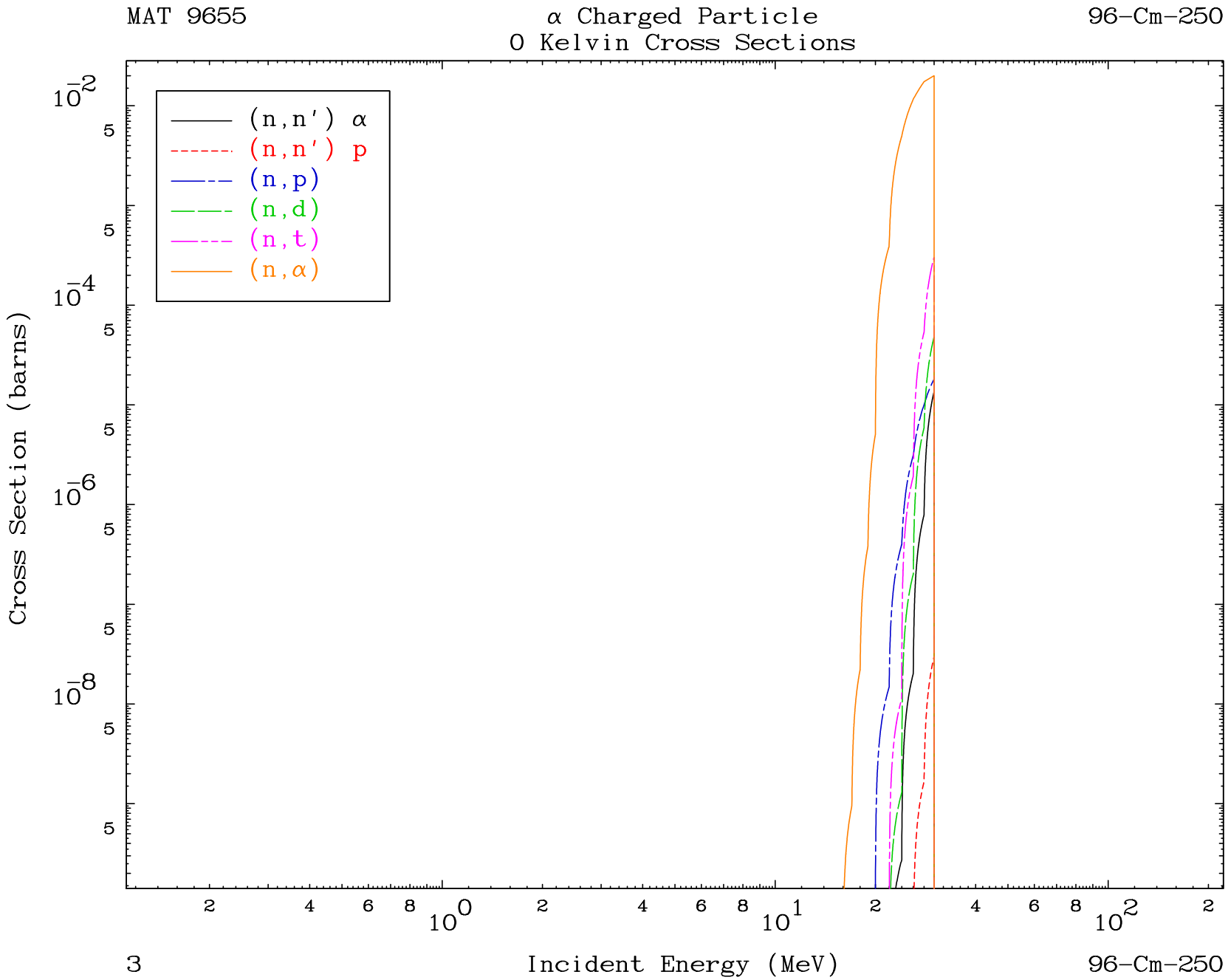
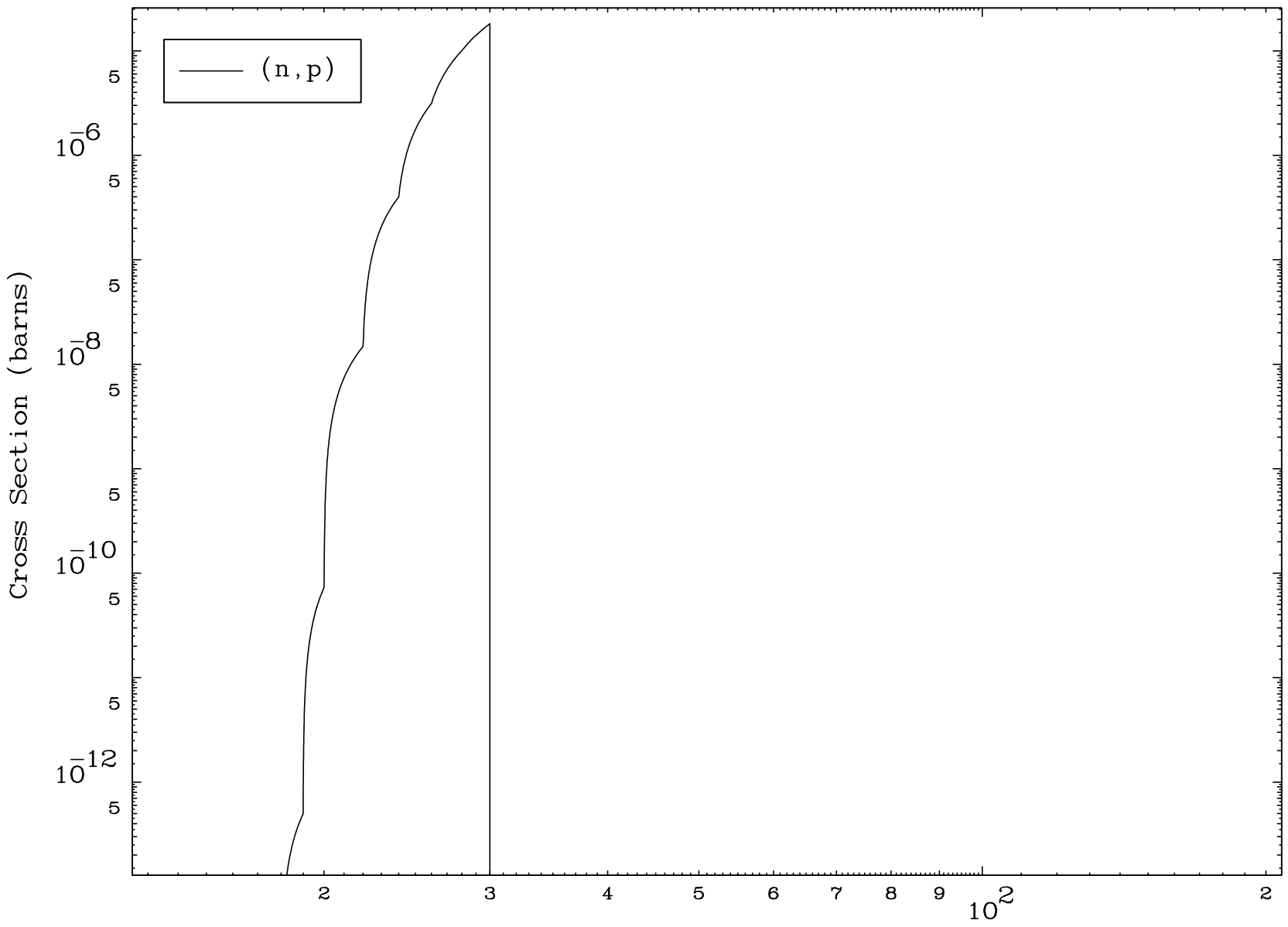
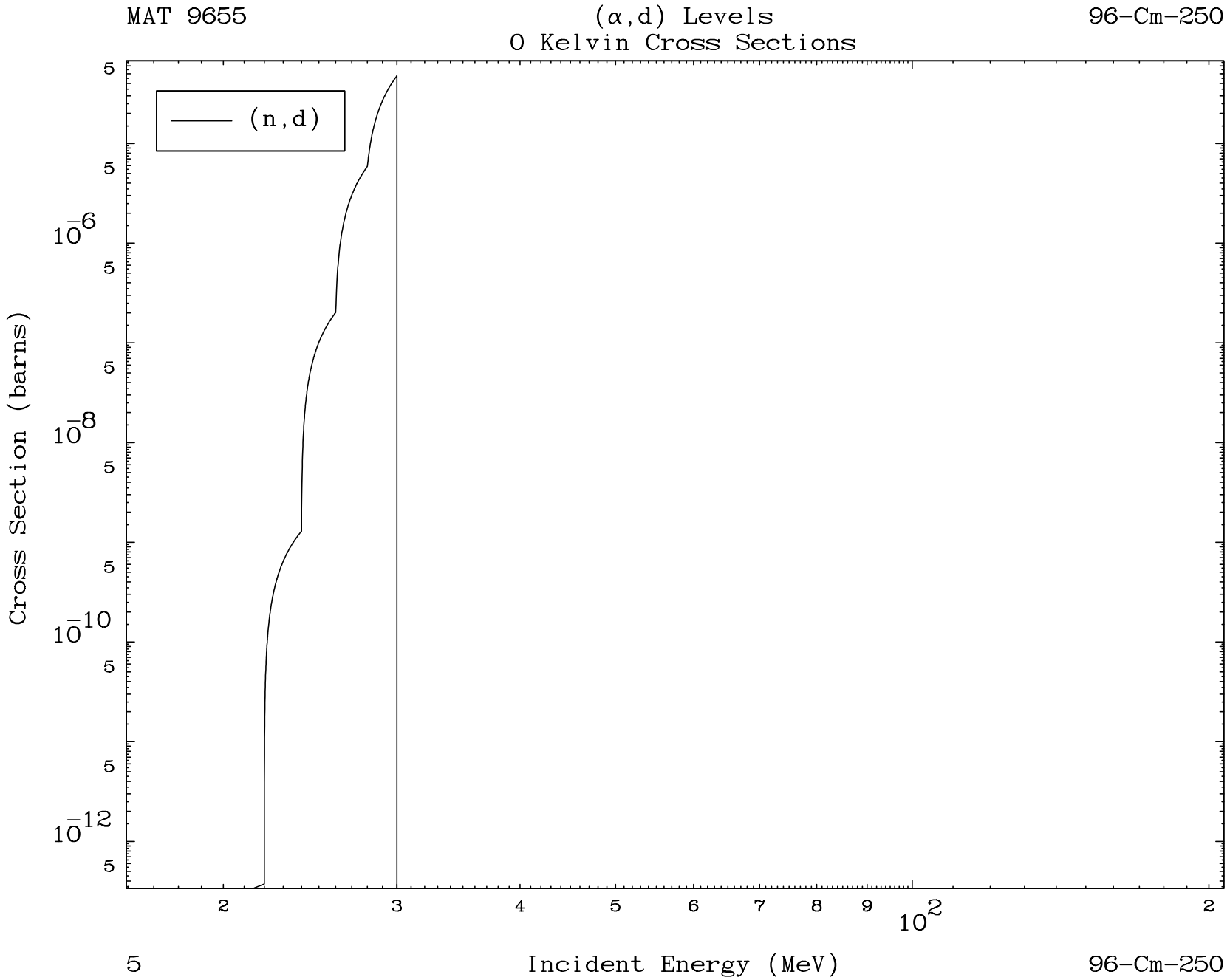
Press Mouse Button to Start

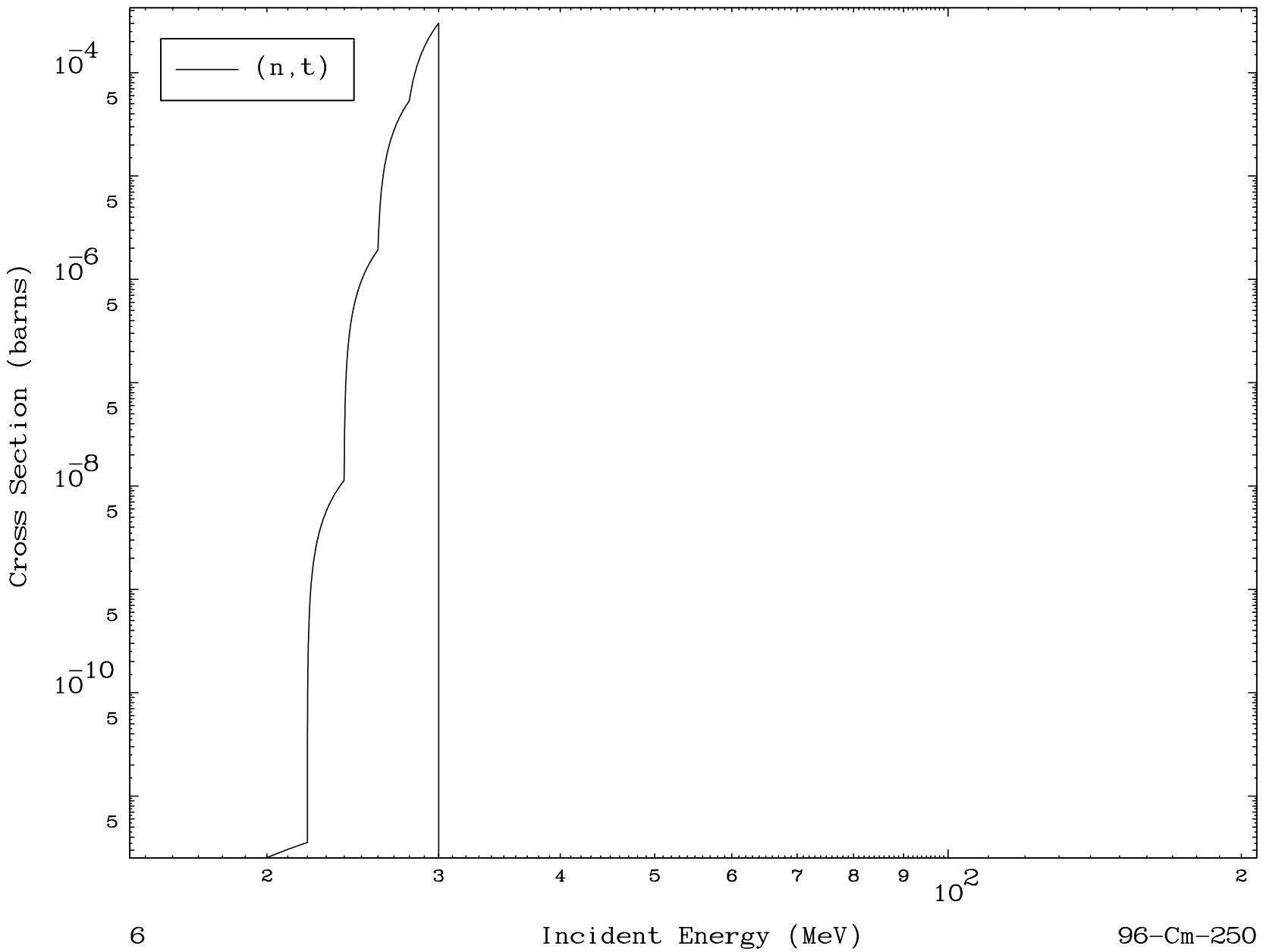

MAT 9655
α Major
96-Cm-250
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
96-Cm-250

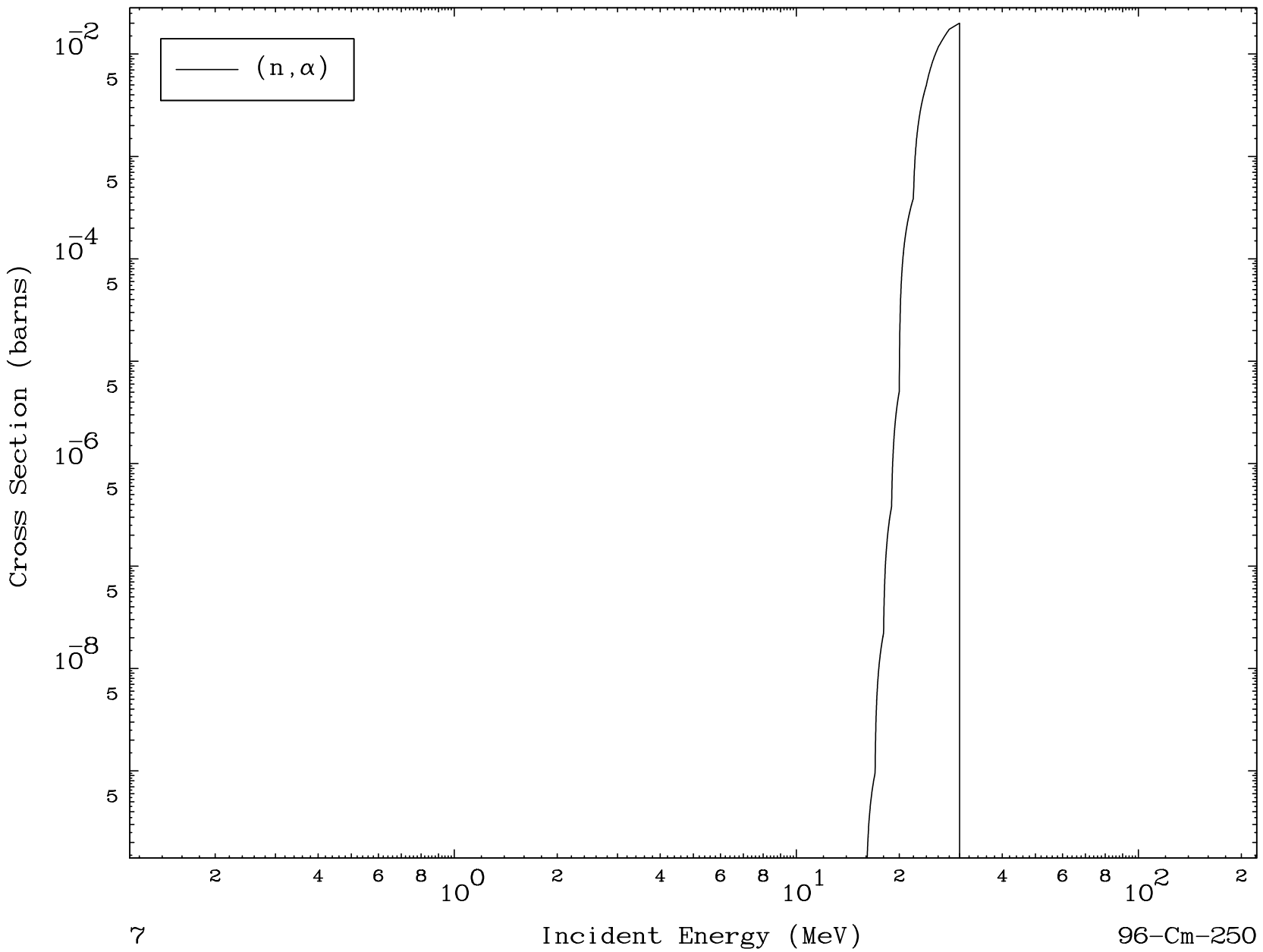
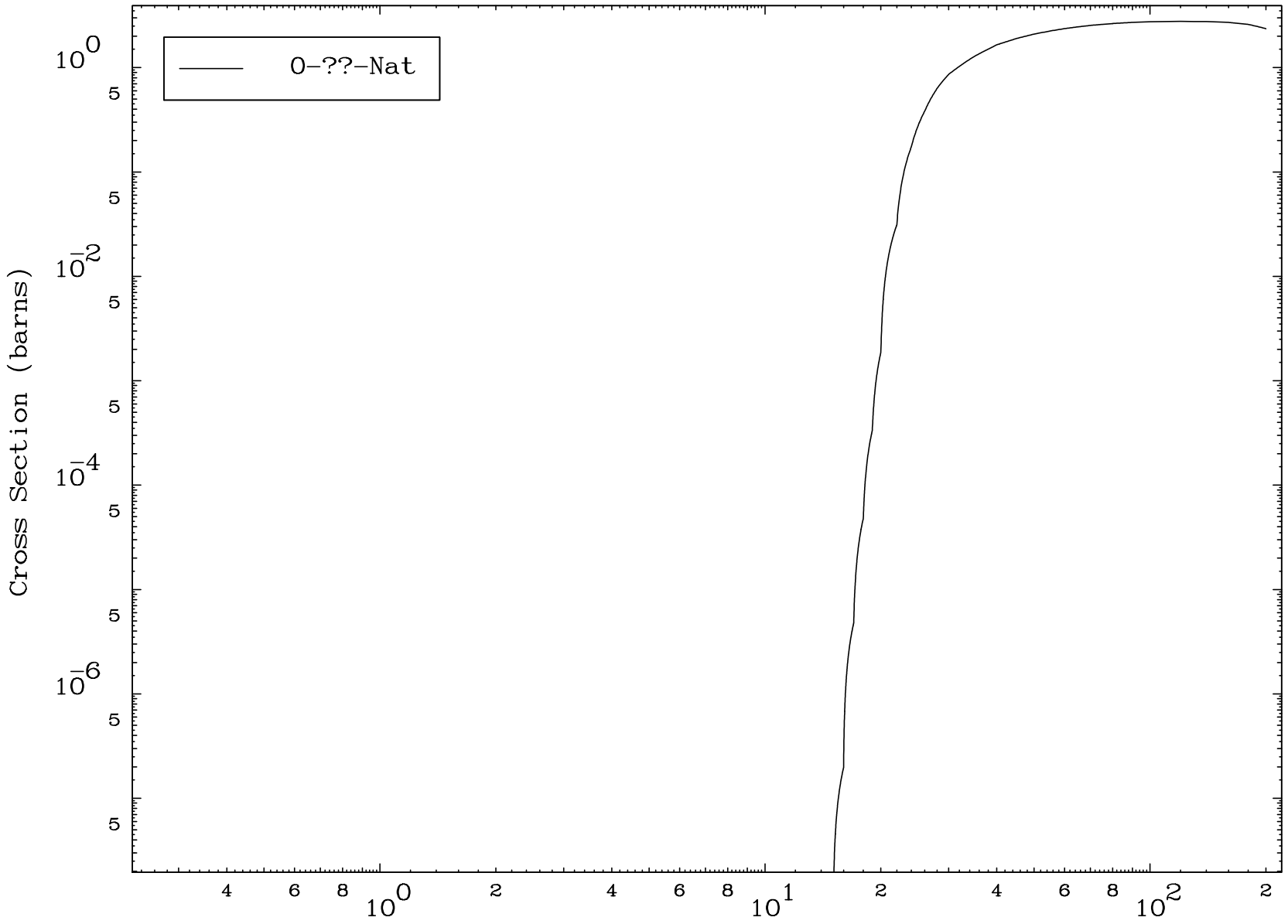

MAT 9655
α Neutron Absorption
0 Kelvin Cross Sections
96-Cm-250
(n,2n)
(n,3n)
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
96-Cm-250
2


MAT 9655
α Charged Particle
0 Kelvin Cross Sections
96-Cm-250
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
96-Cm-250


0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 9655
(α,d) Levels
96-Cm-250
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
96-Cm-250


0 Kelvin Cross Sections
(n,t)
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
(n,α)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
5
2
4
6
8
100
2
4
6
8
101
2
4
6
8
102
2
Incident Energy (MeV)

Radionuclide Production Cross Section