Program EVALPLOT
(Version 2018-1)
by
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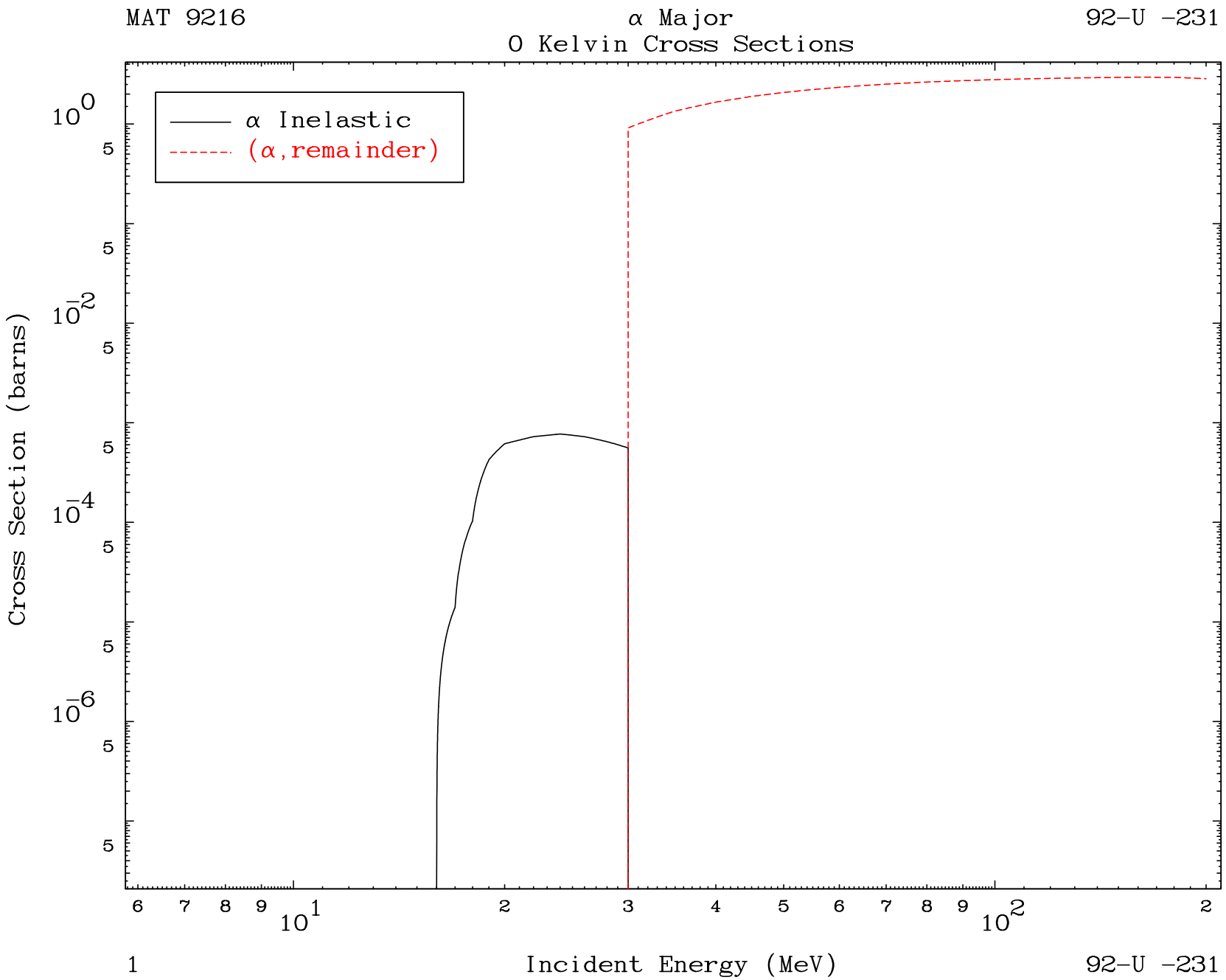
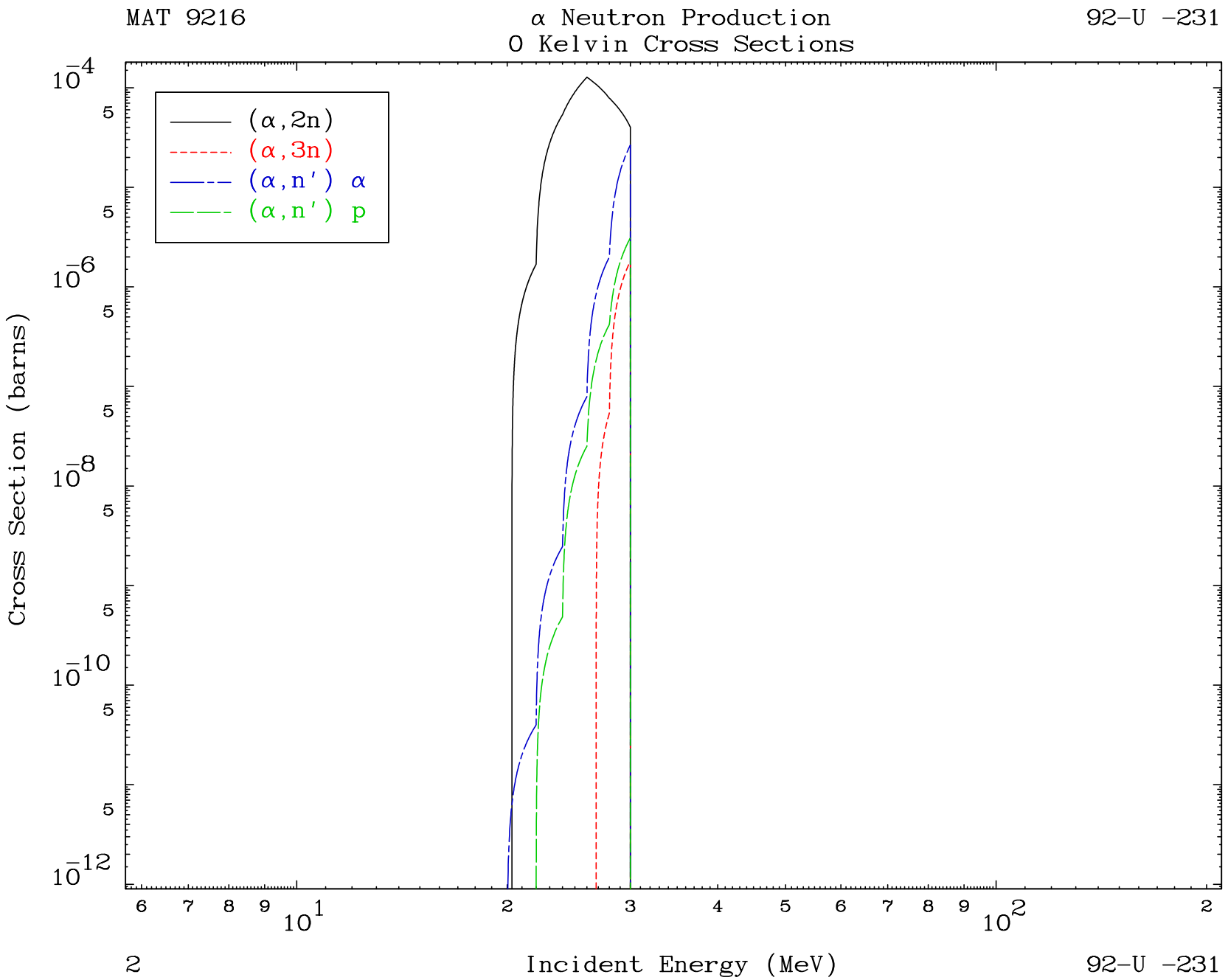
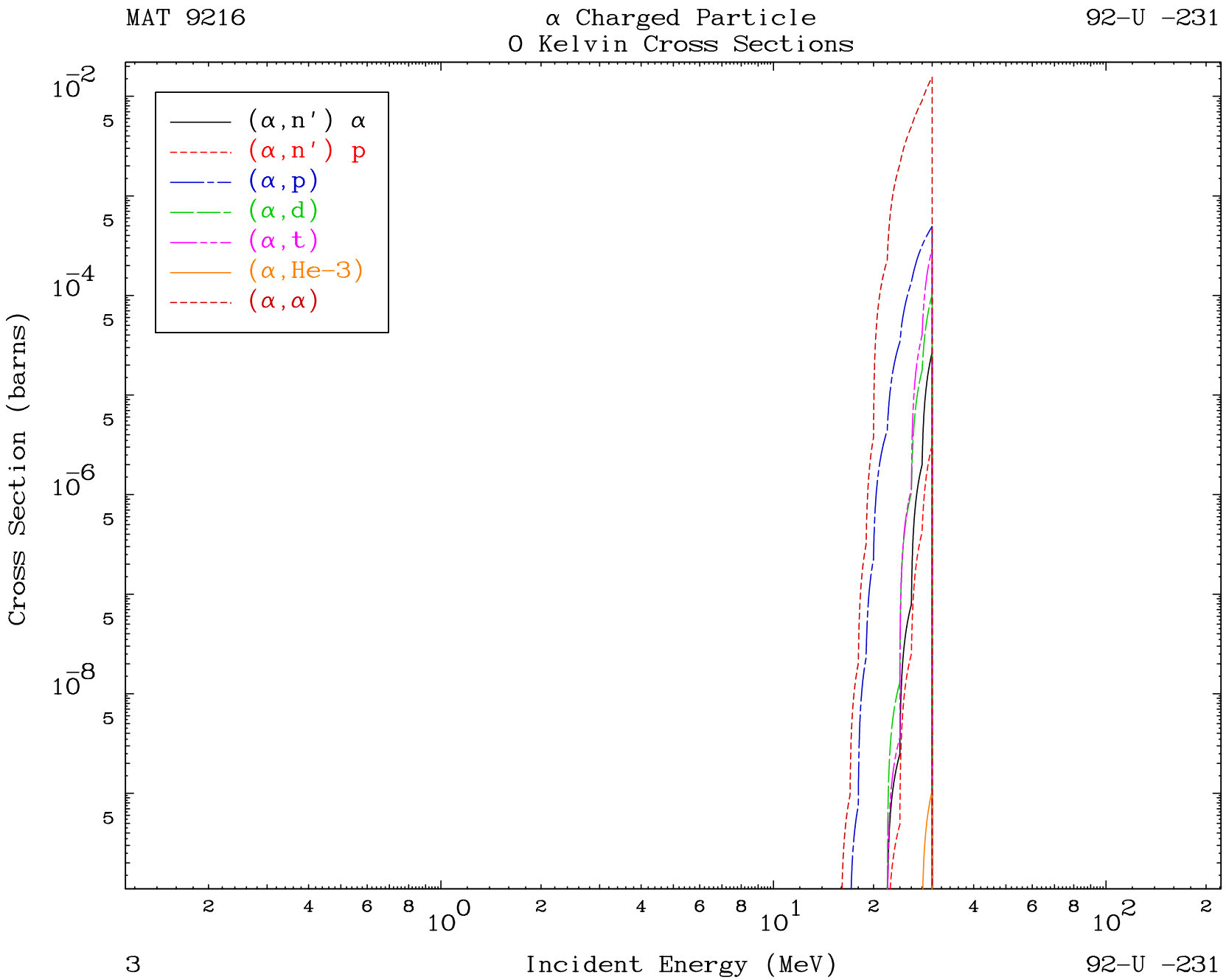
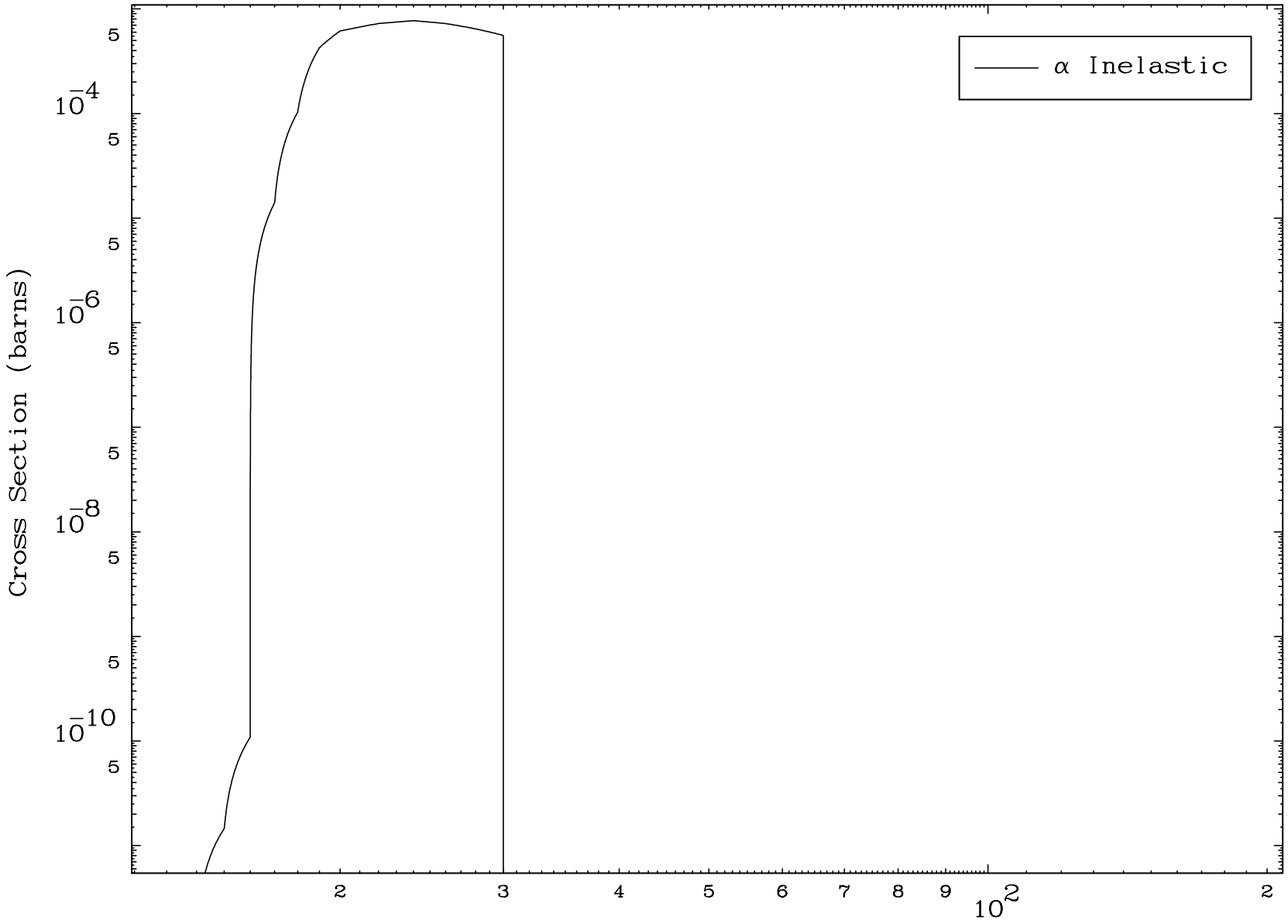
Press Mouse Button to Start

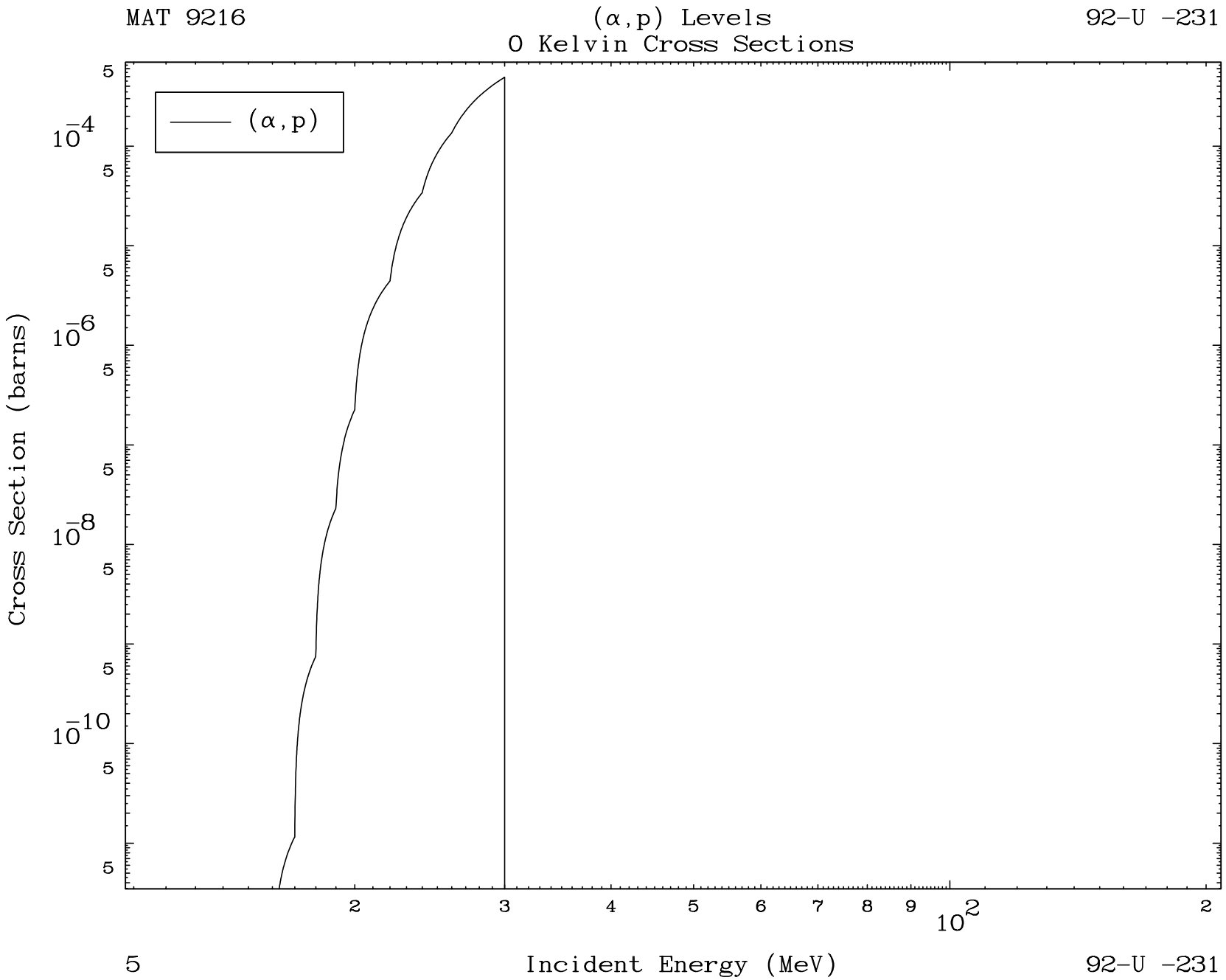

MAT 9216
α Major
92-U -231
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
1
Incident Energy (MeV)
92-U -231

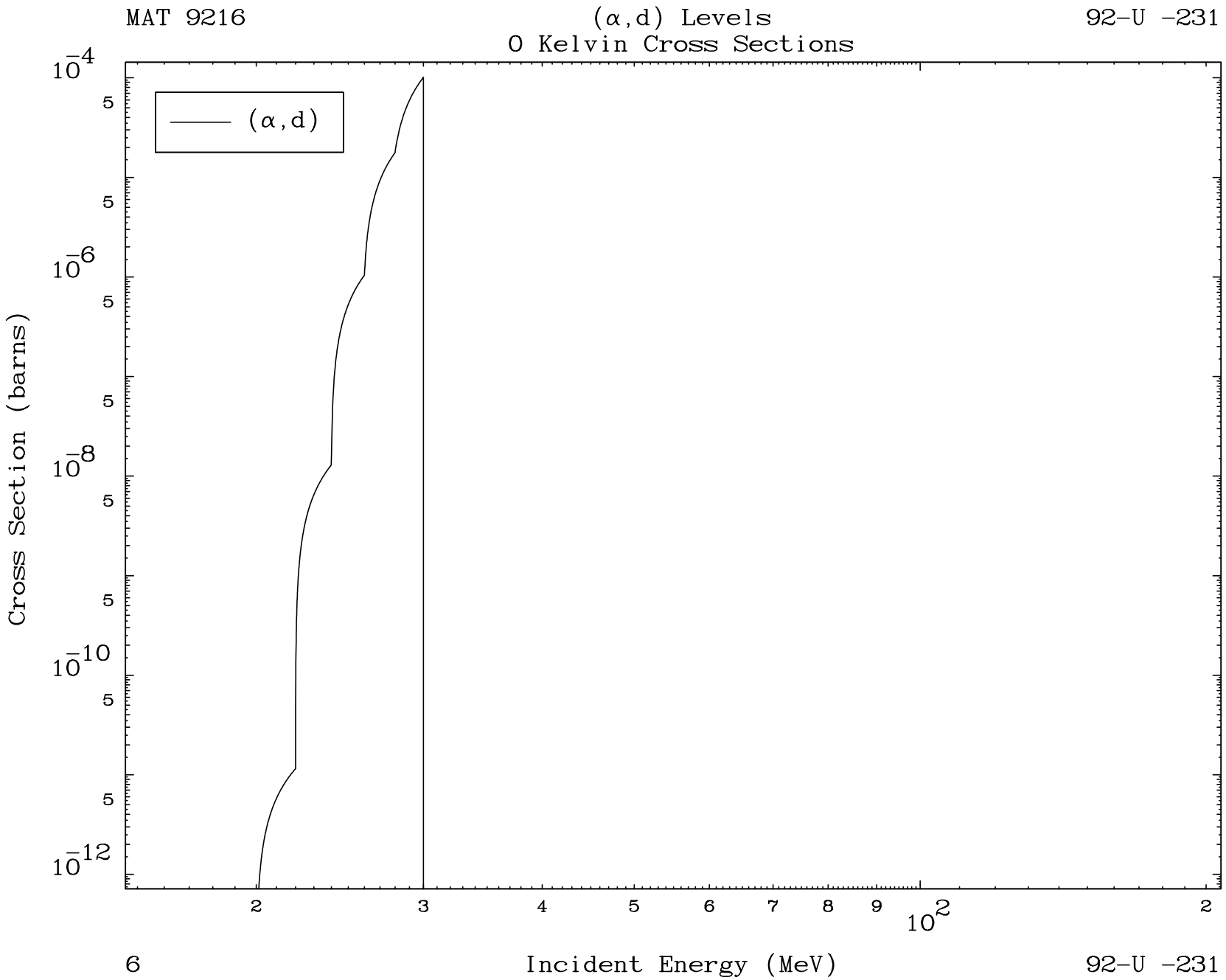

MAT 9216
α Neutron Production
0 Kelvin Cross Sections
92-U -231
(α,2n)
(α,3n)
(α,n') α
(α,n') p
Cross Section (barns)
Incident Energy (MeV)
92-U -231
2

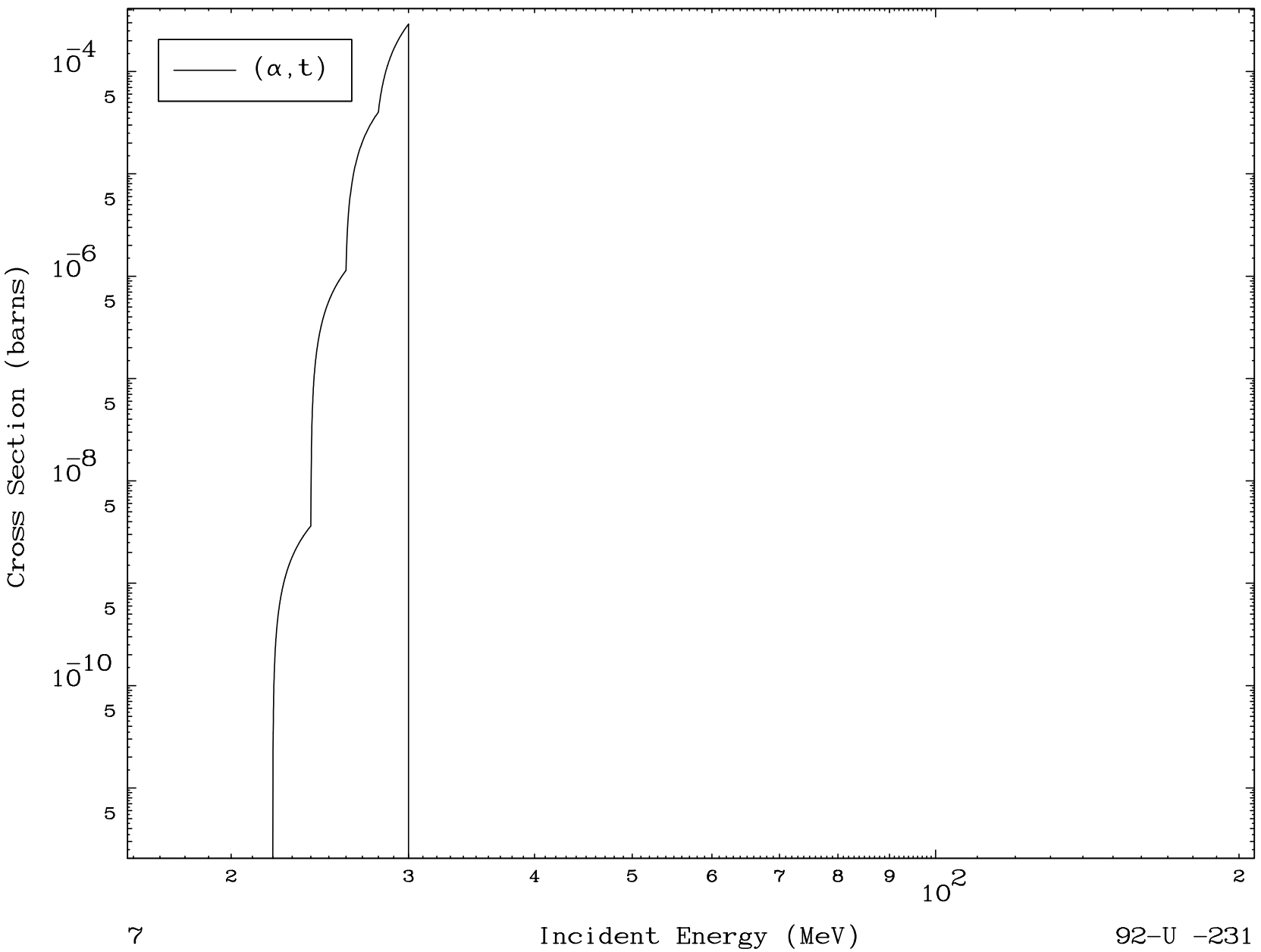

MAT 9216
α Charged Particle
0 Kelvin Cross Sections
92-U -231
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
3
92-U -231

0 Kelvin Cross Sections

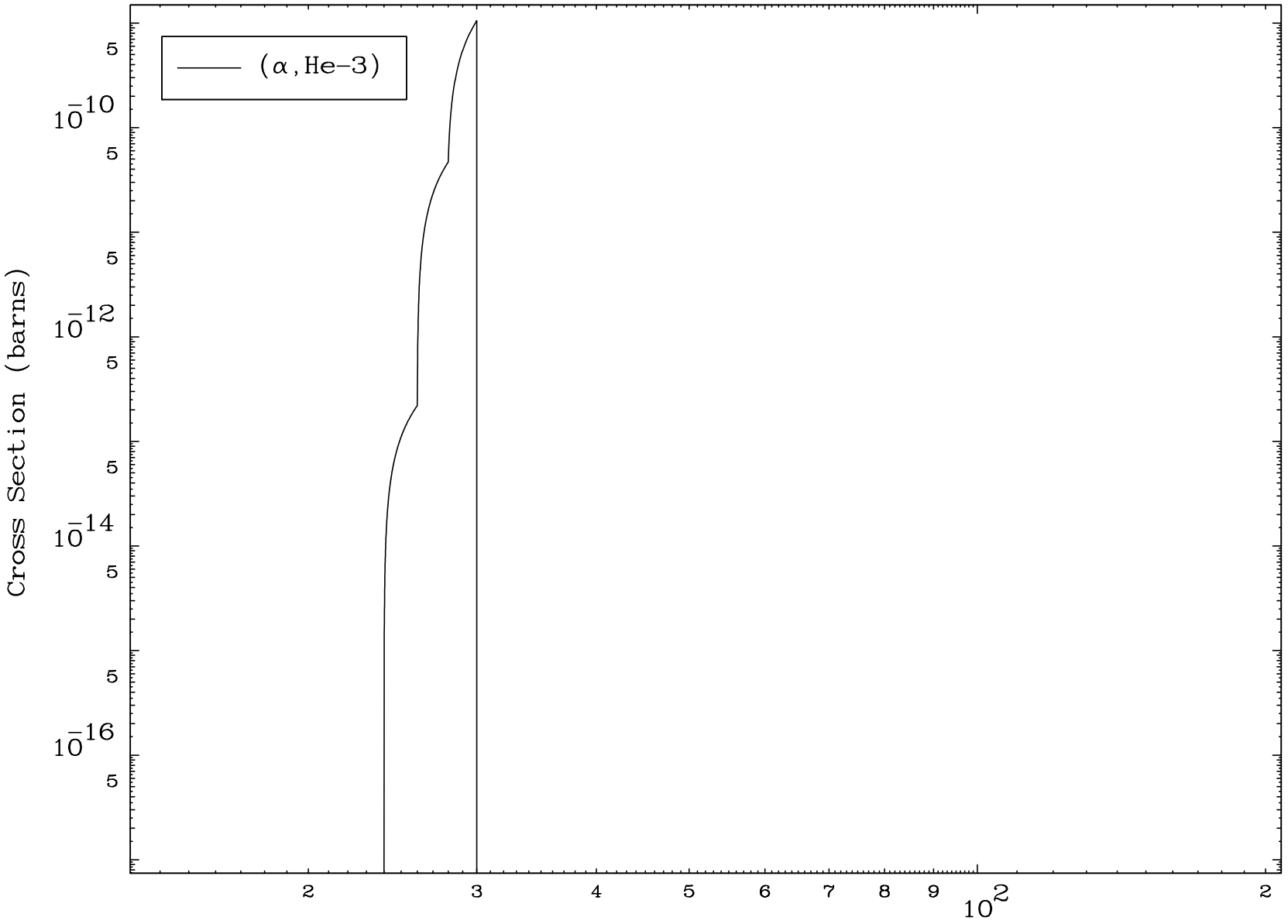


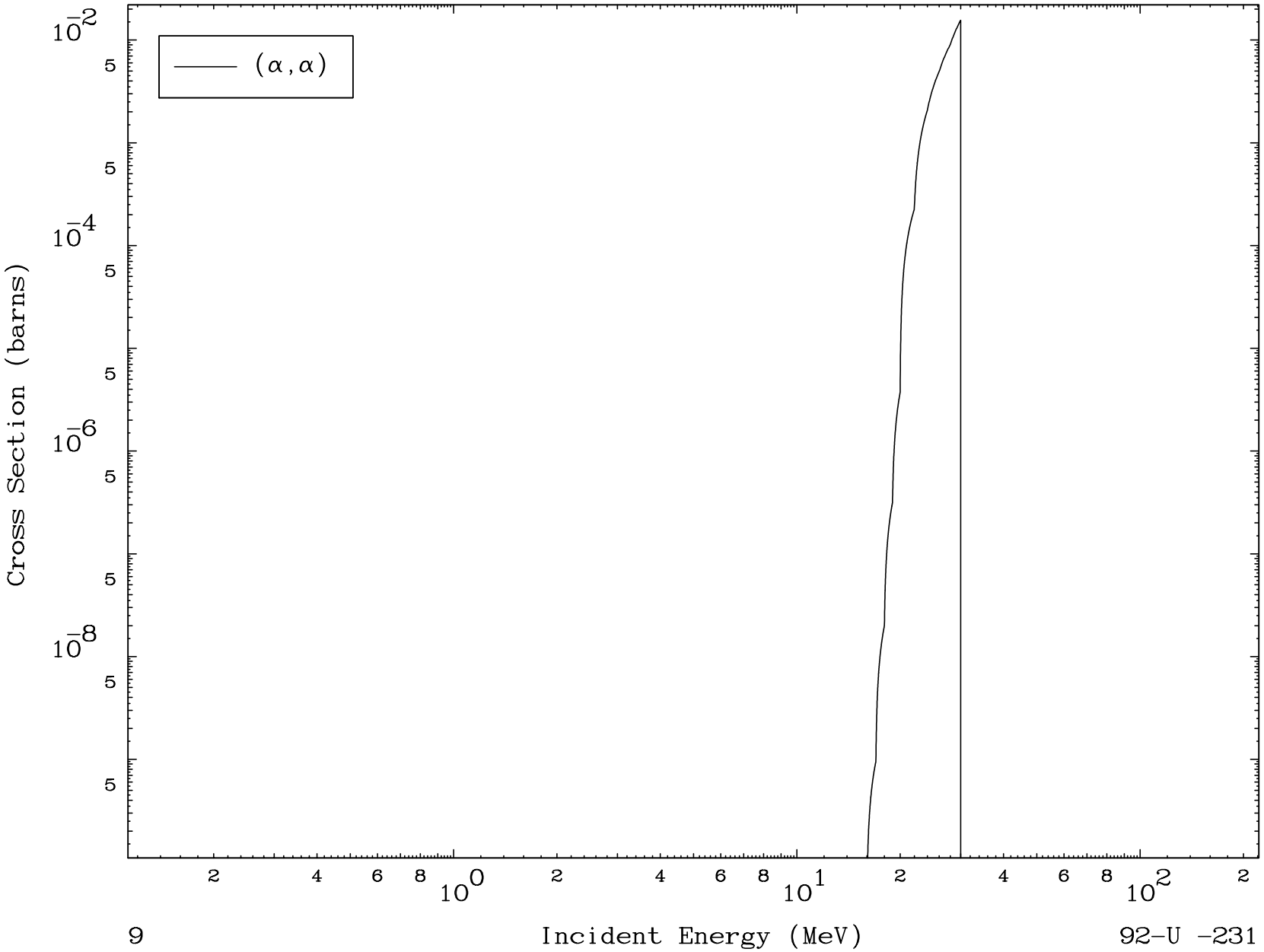

MAT 9216
(α,p) Levels
92-U -231
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
92-U -231

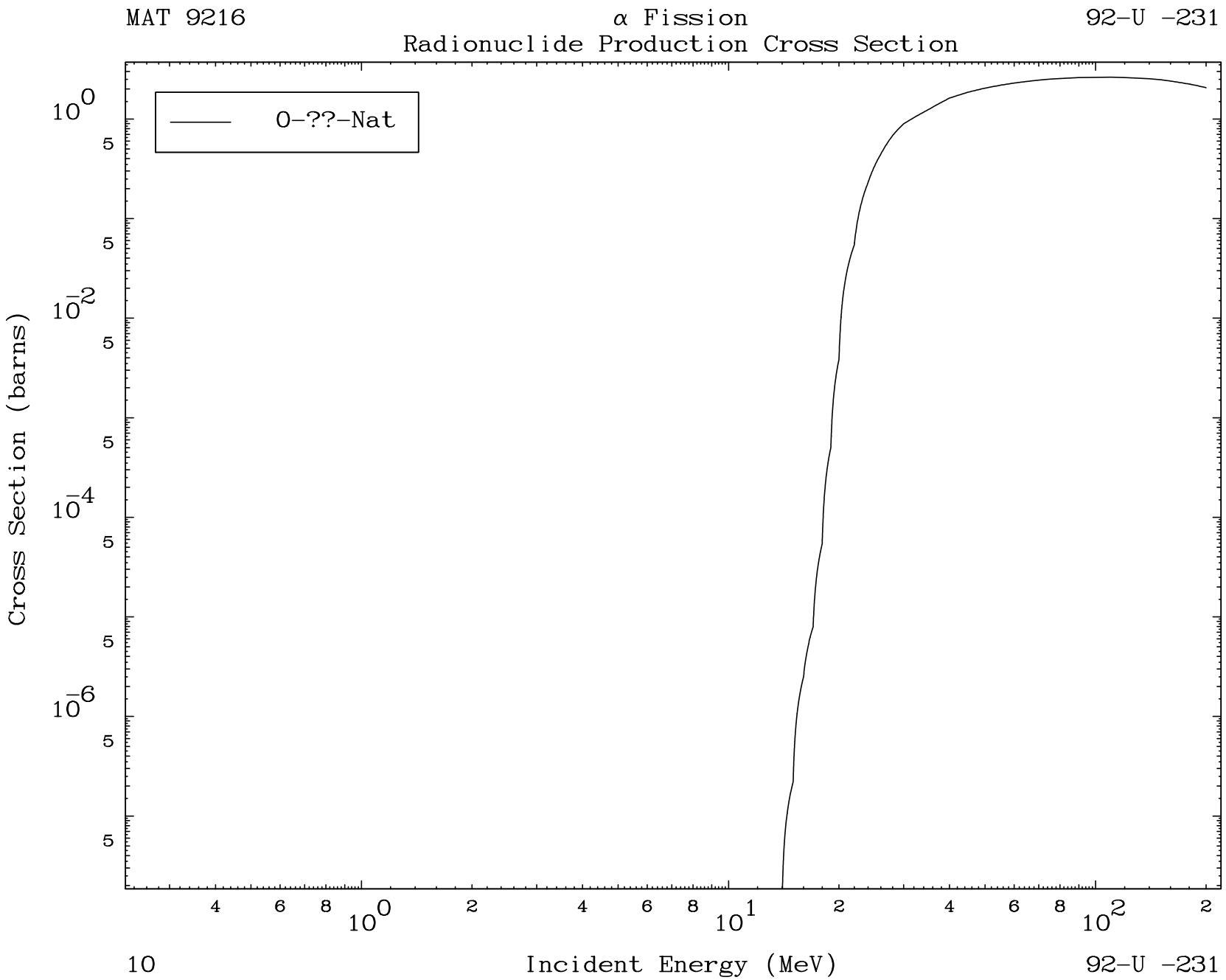

MAT 9216
(α,d) Levels
92-U -231
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
6
92-U -231


0 Kelvin Cross Sections
(α,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




0 Kelvin Cross Sections
(α,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)


MAT 9216
α Fission
92-U -231
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
92-U -231