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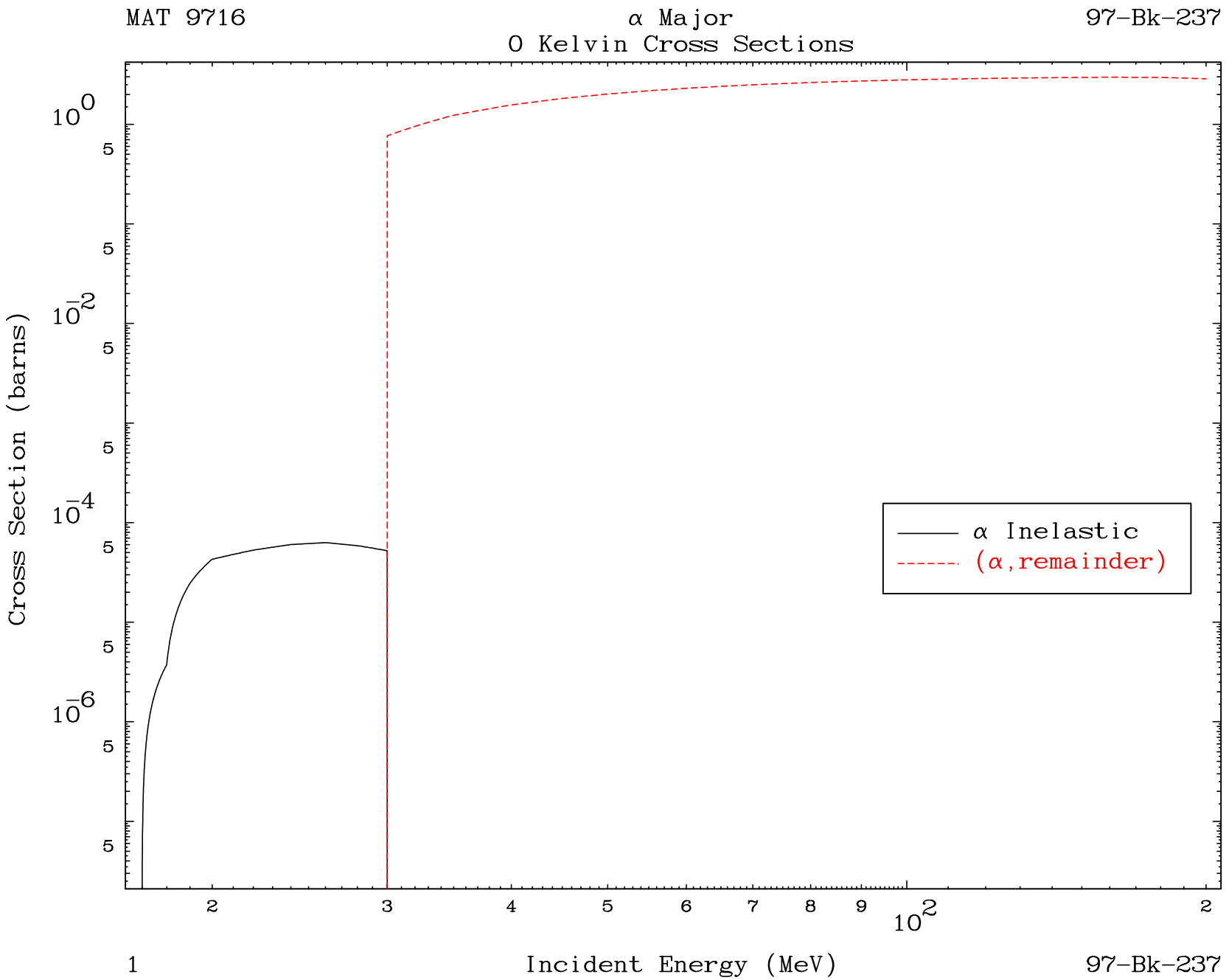
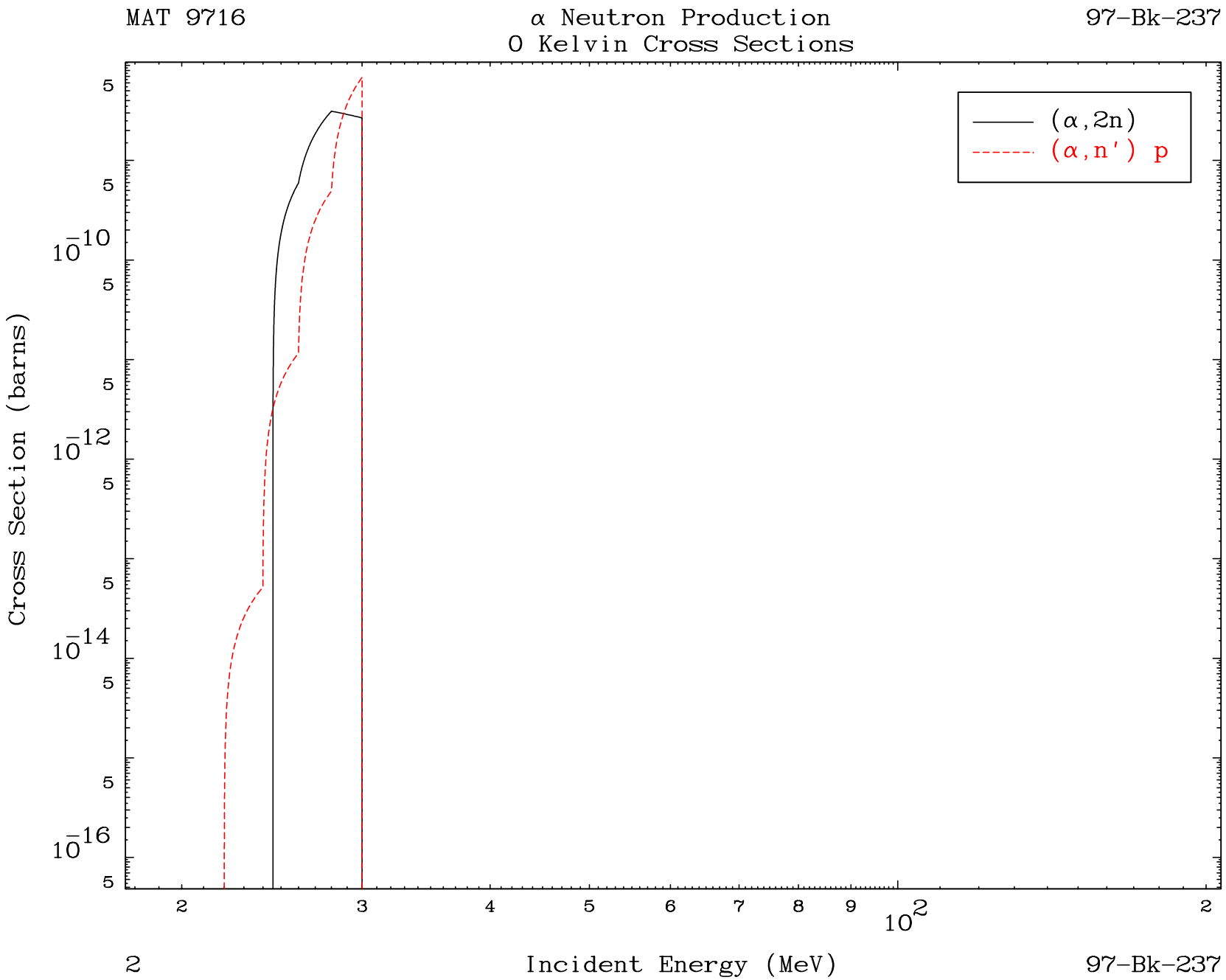
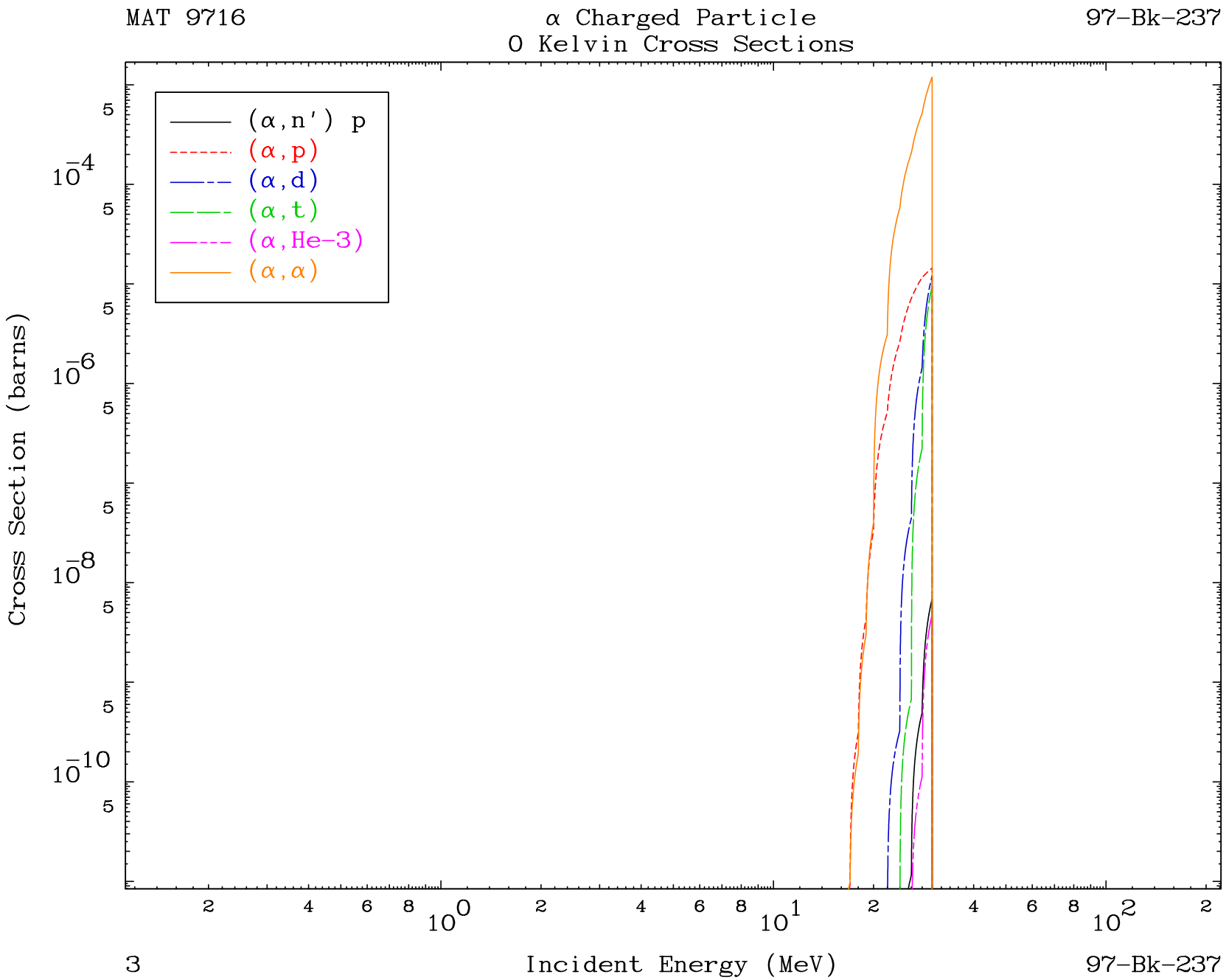
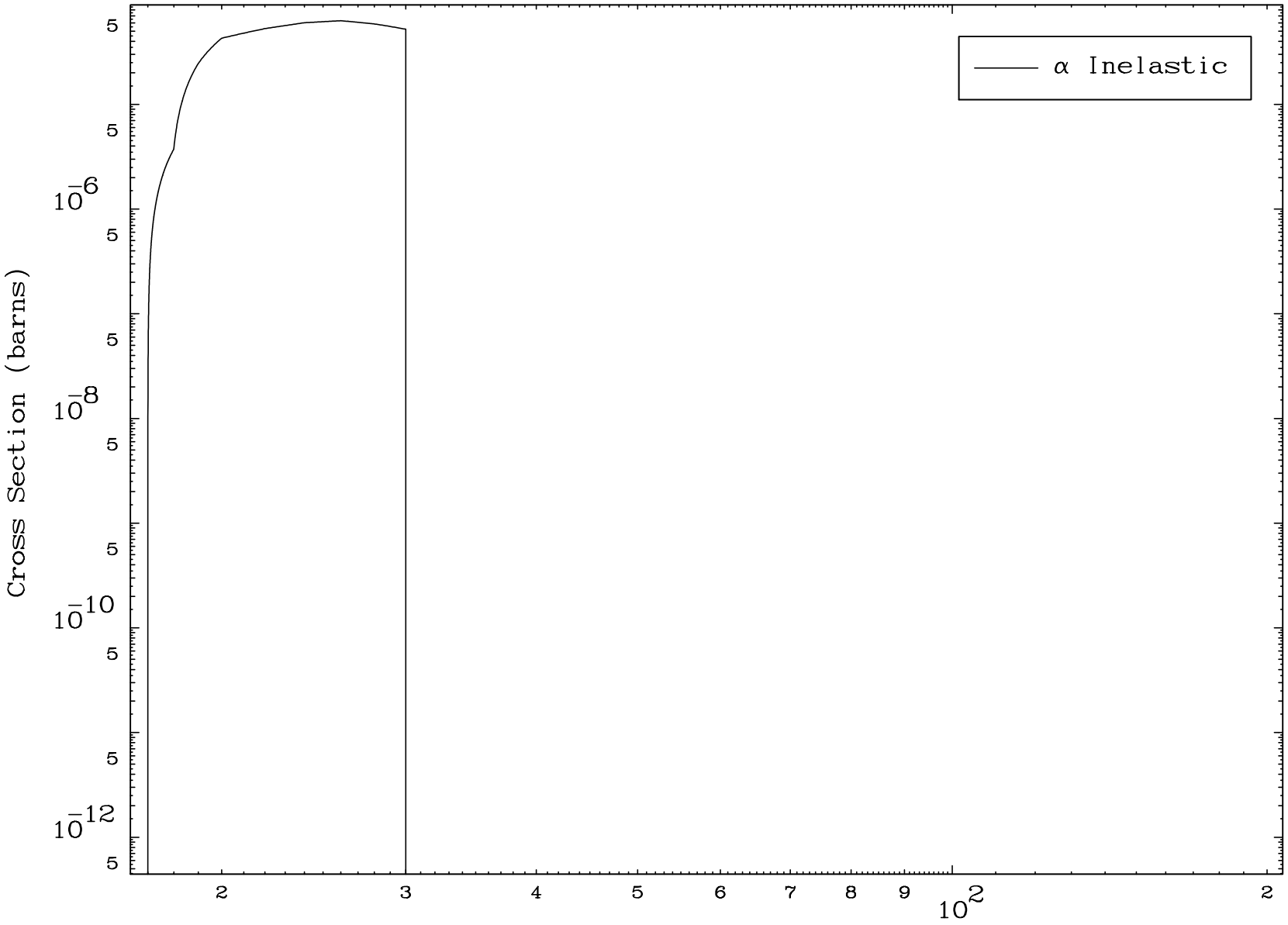
Press Mouse Button to Start

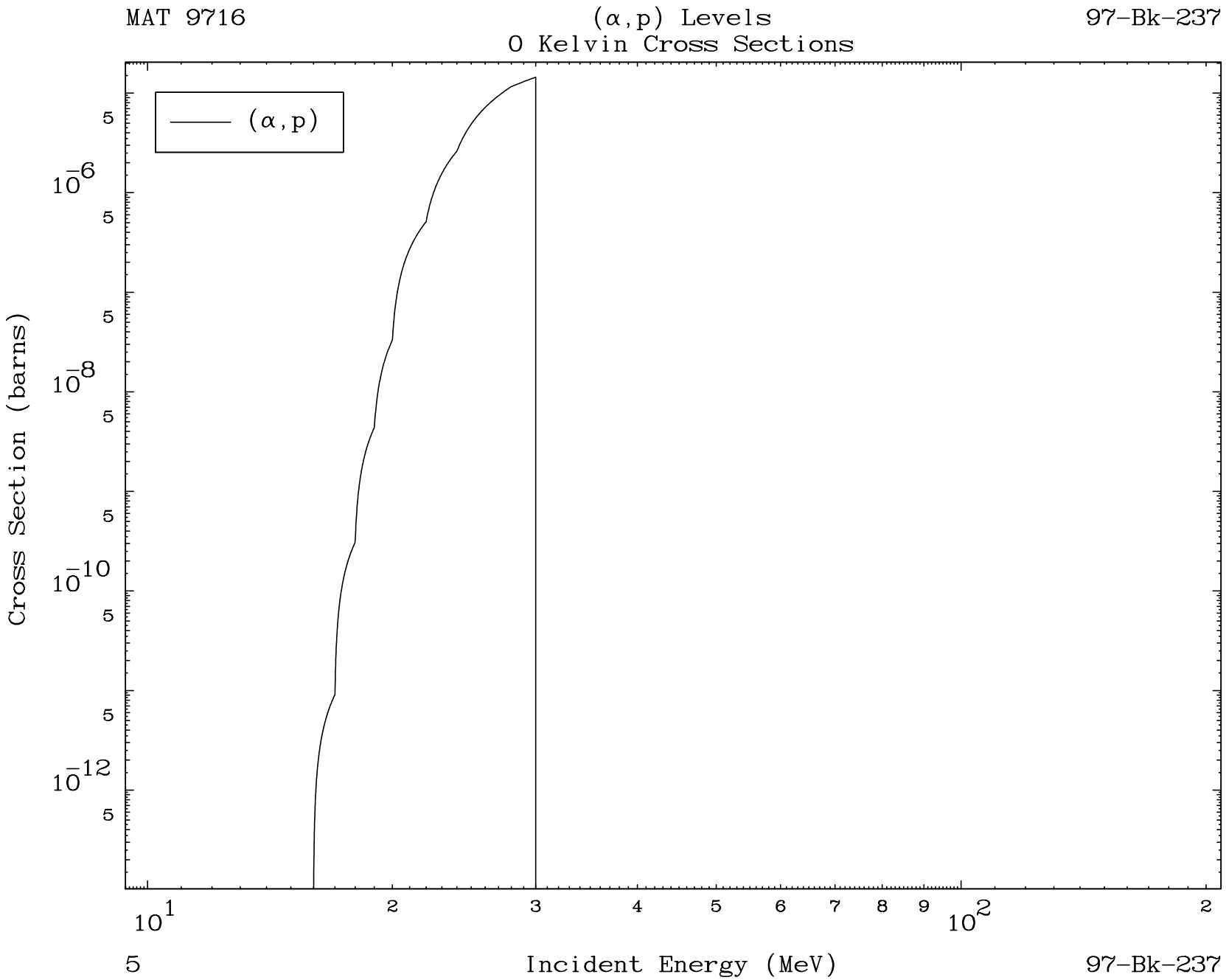

MAT 9716
α Major
97-Bk-237
0 Kelvin Cross Sections
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
2
3
4
6
7
8
9
10^2
1
Incident Energy (MeV)
97-Bk-237
α Inelastic
(α,remainder)

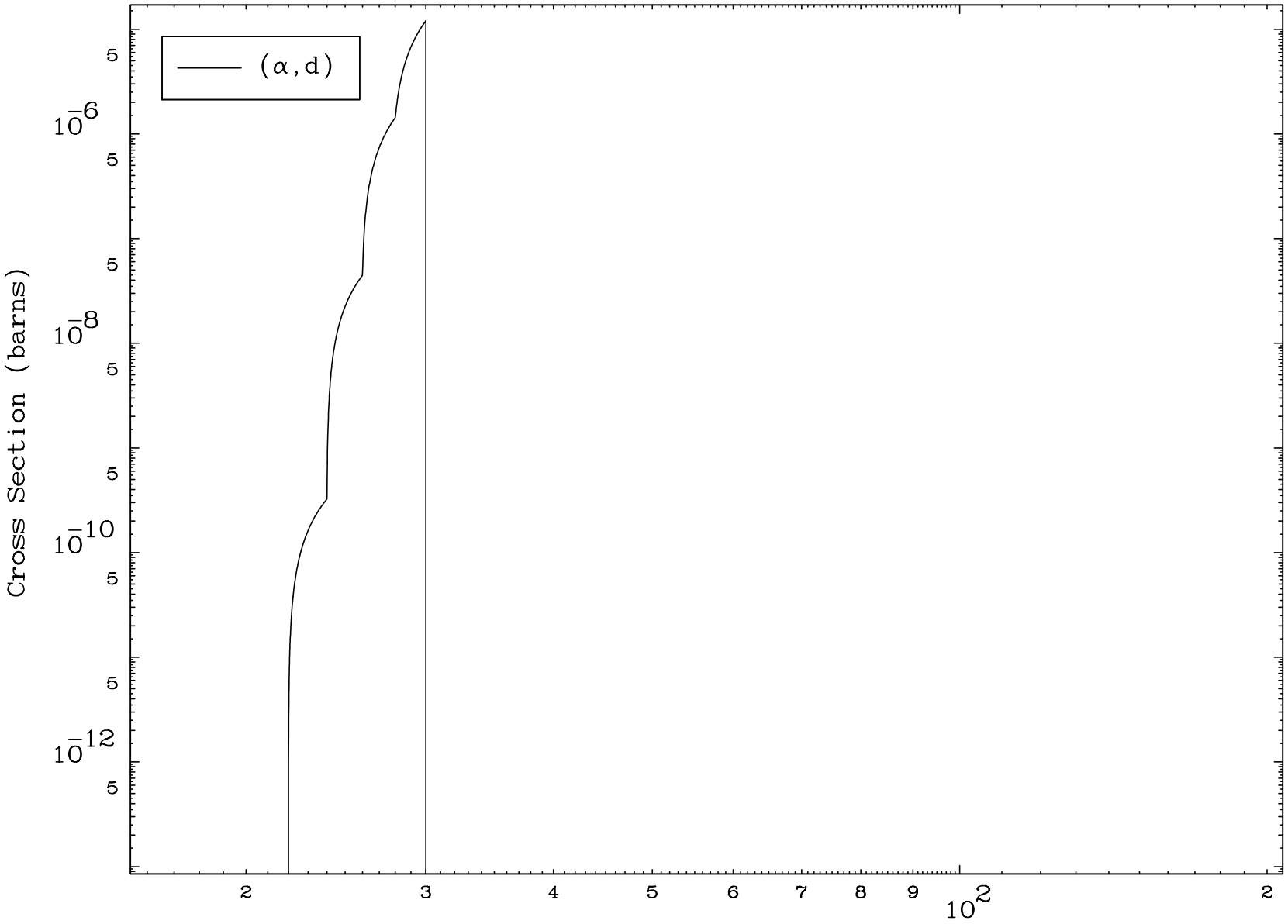

MAT 9716
α Neutron Production
0 Kelvin Cross Sections
97-Bk-237
(α,2n)
(α,n') p
Cross Section (barns)
Incident Energy (MeV)
97-Bk-237

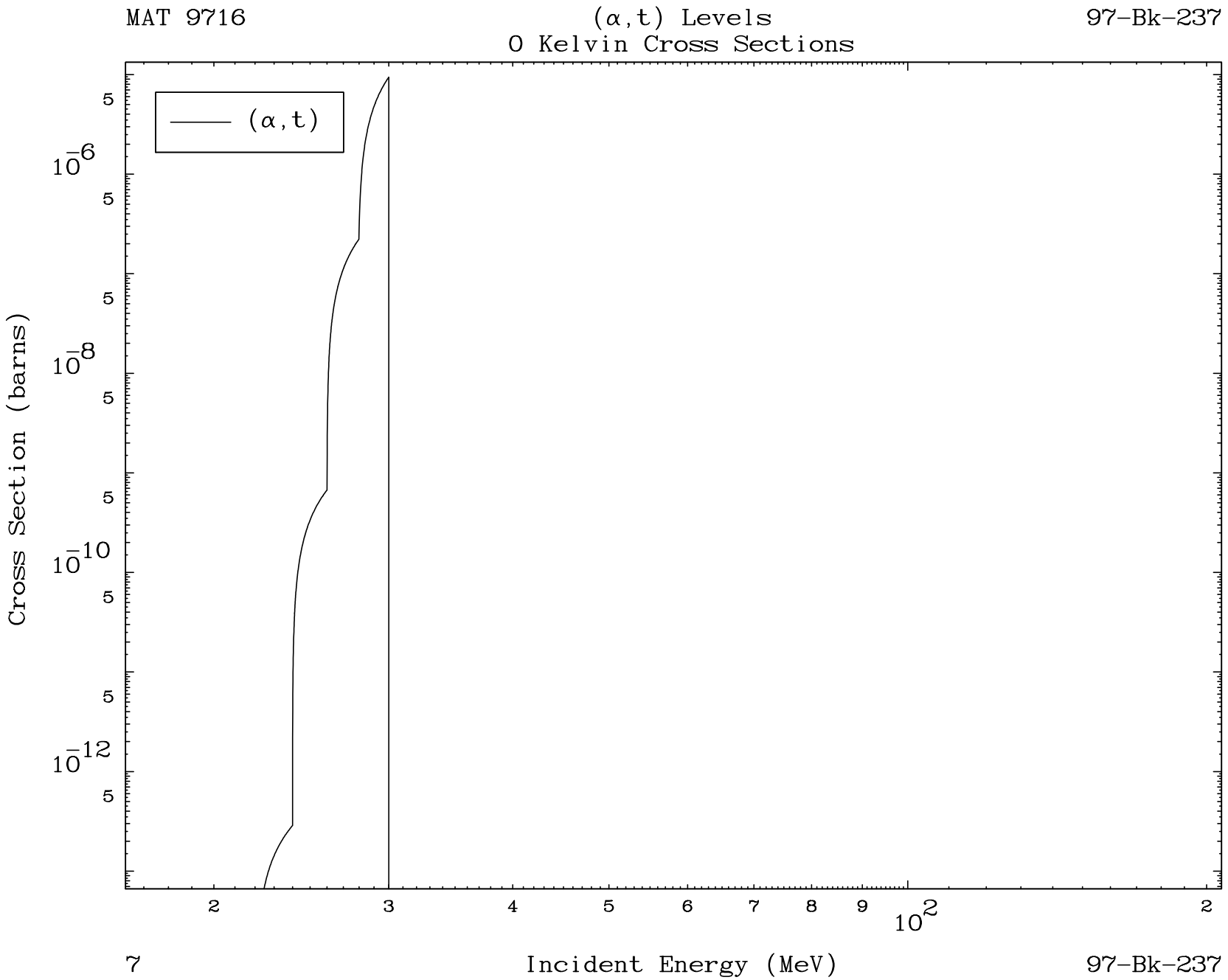

MAT 9716
α Charged Particle
0 Kelvin Cross Sections
97-Bk-237
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
3
97-Bk-237

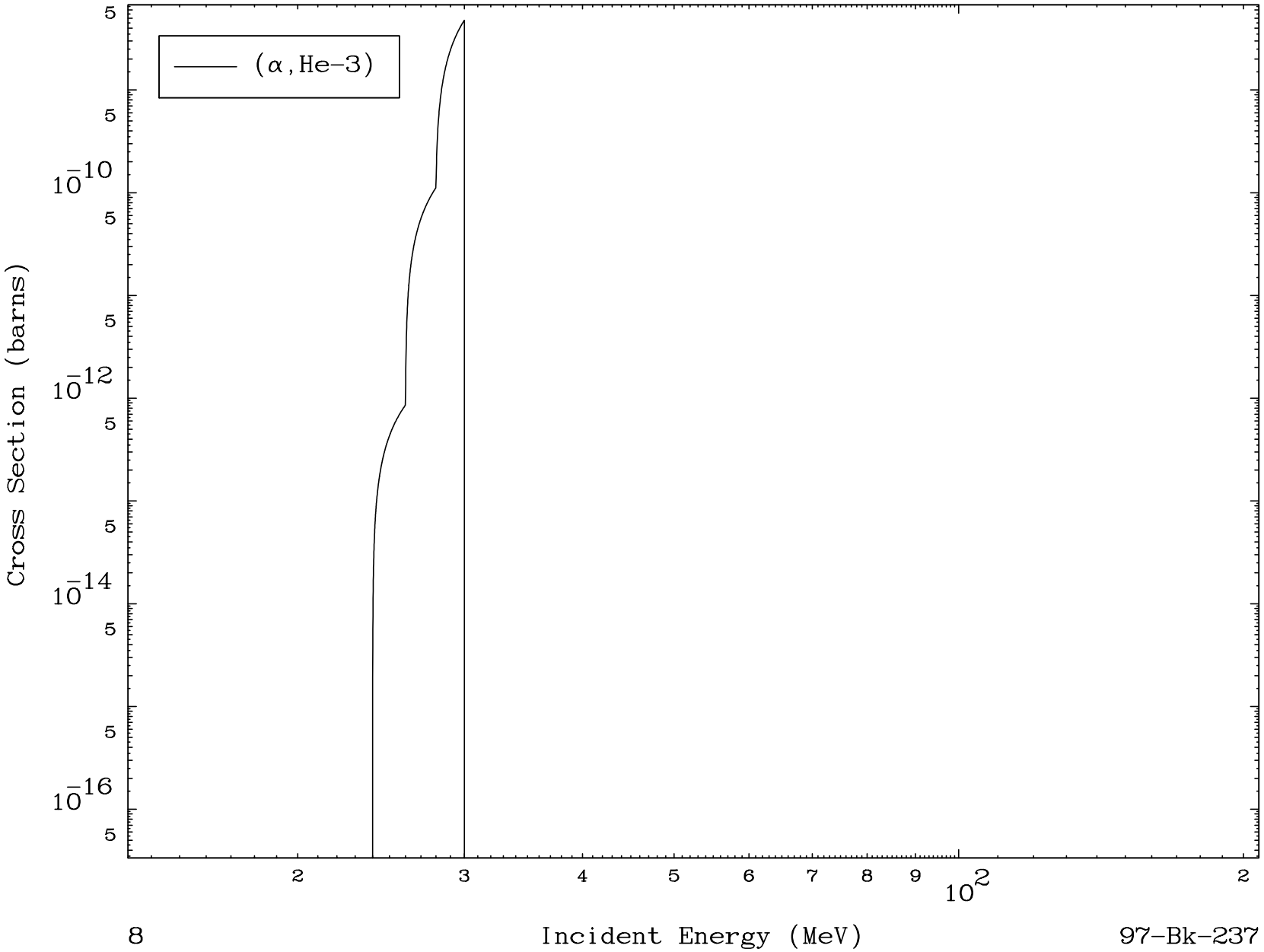
0 Kelvin Cross Sections

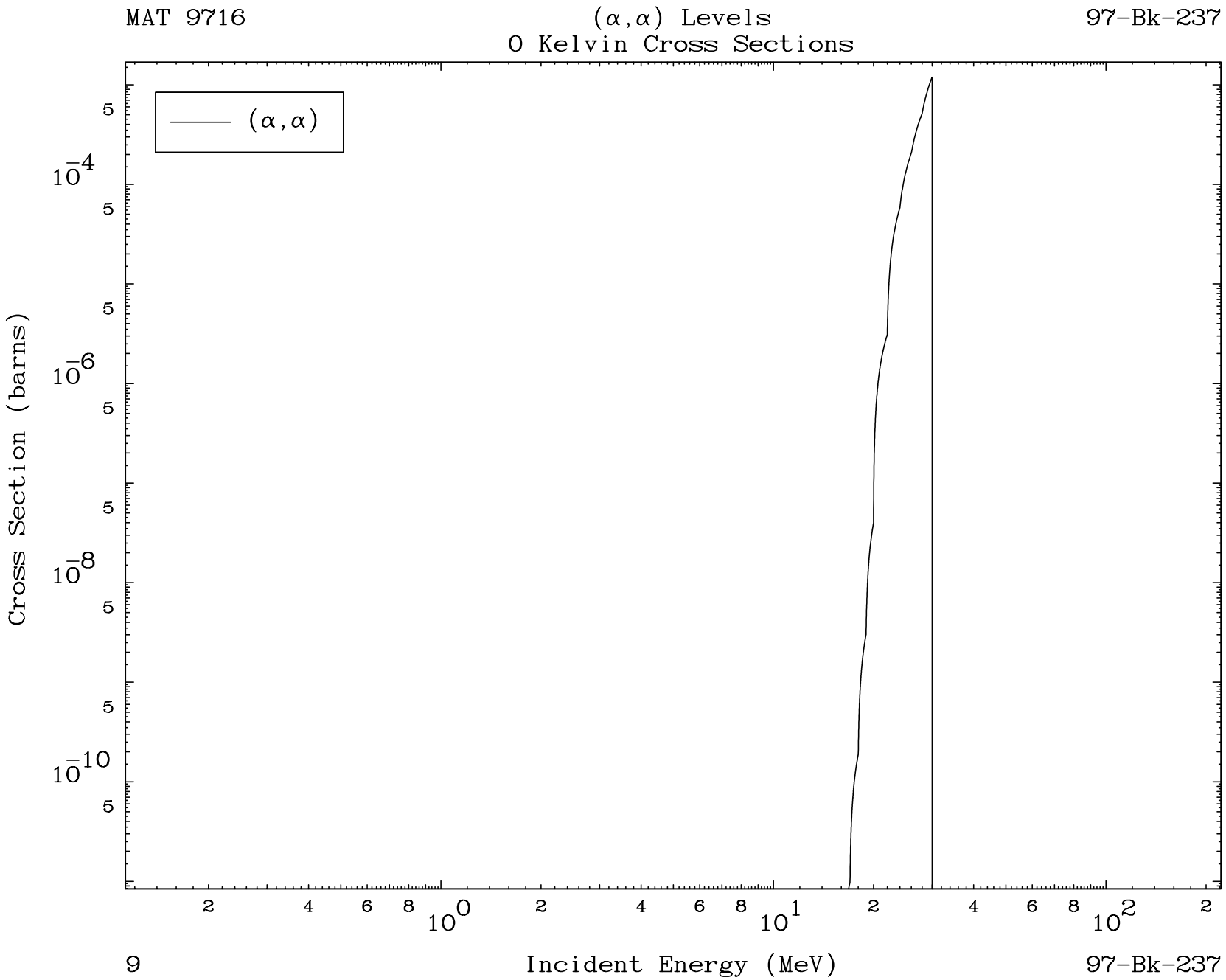


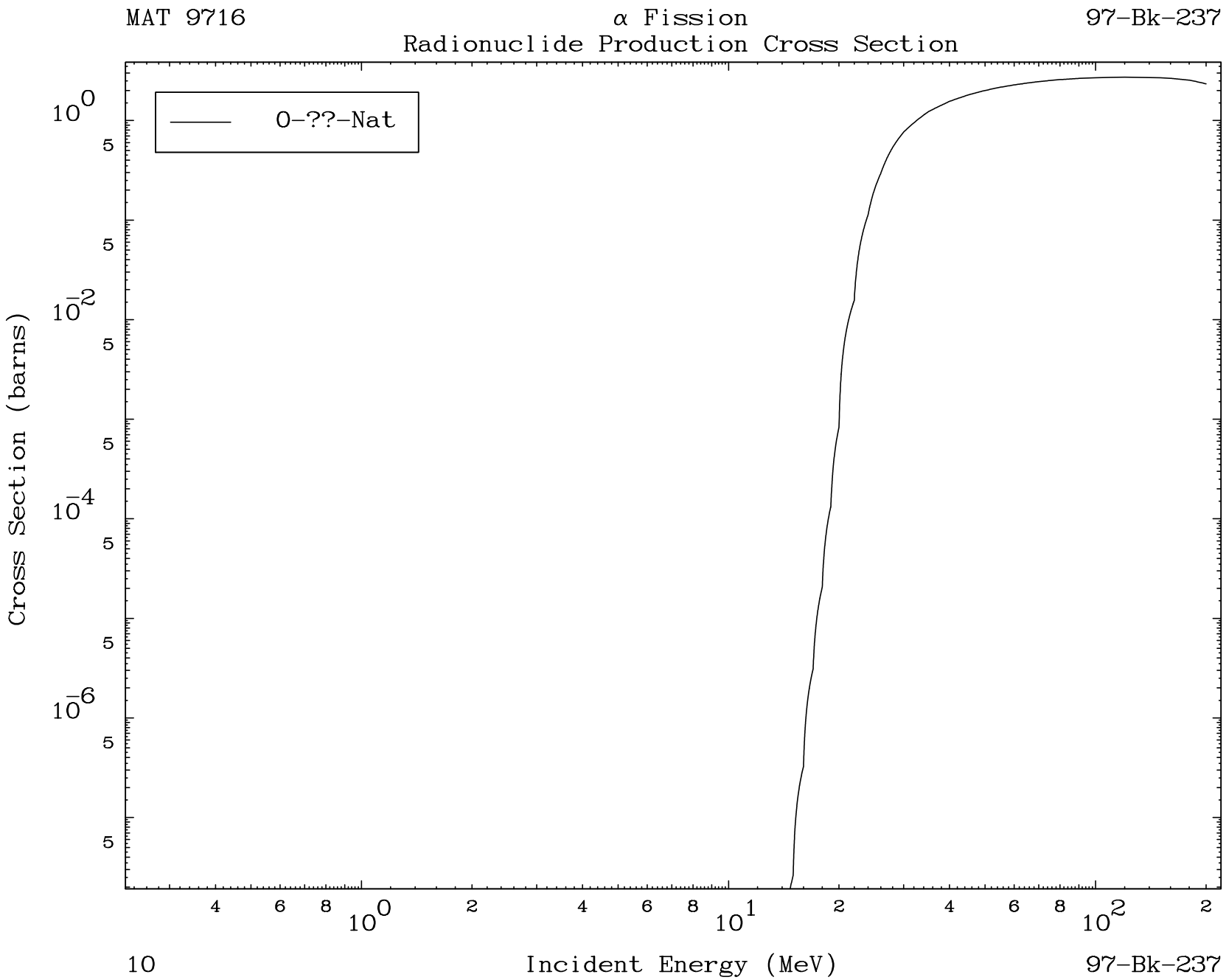

MAT 9716
(α,p) Levels
97-Bk-237
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
Incident Energy (MeV)
97-Bk-237
10^1
2
3
4
5
6
7
8
9
10^2
2


0 Kelvin Cross Sections
(α,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)


MAT 9716
(α,t) Levels
97-Bk-237
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
97-Bk-237


0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
5
5
10^-10
5
5
10^-12
5
5
10^-14
5
5
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 9716
(α,α) Levels
97-Bk-237
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
9
97-Bk-237


MAT 9716
α Fission
97-Bk-237
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
97-Bk-237