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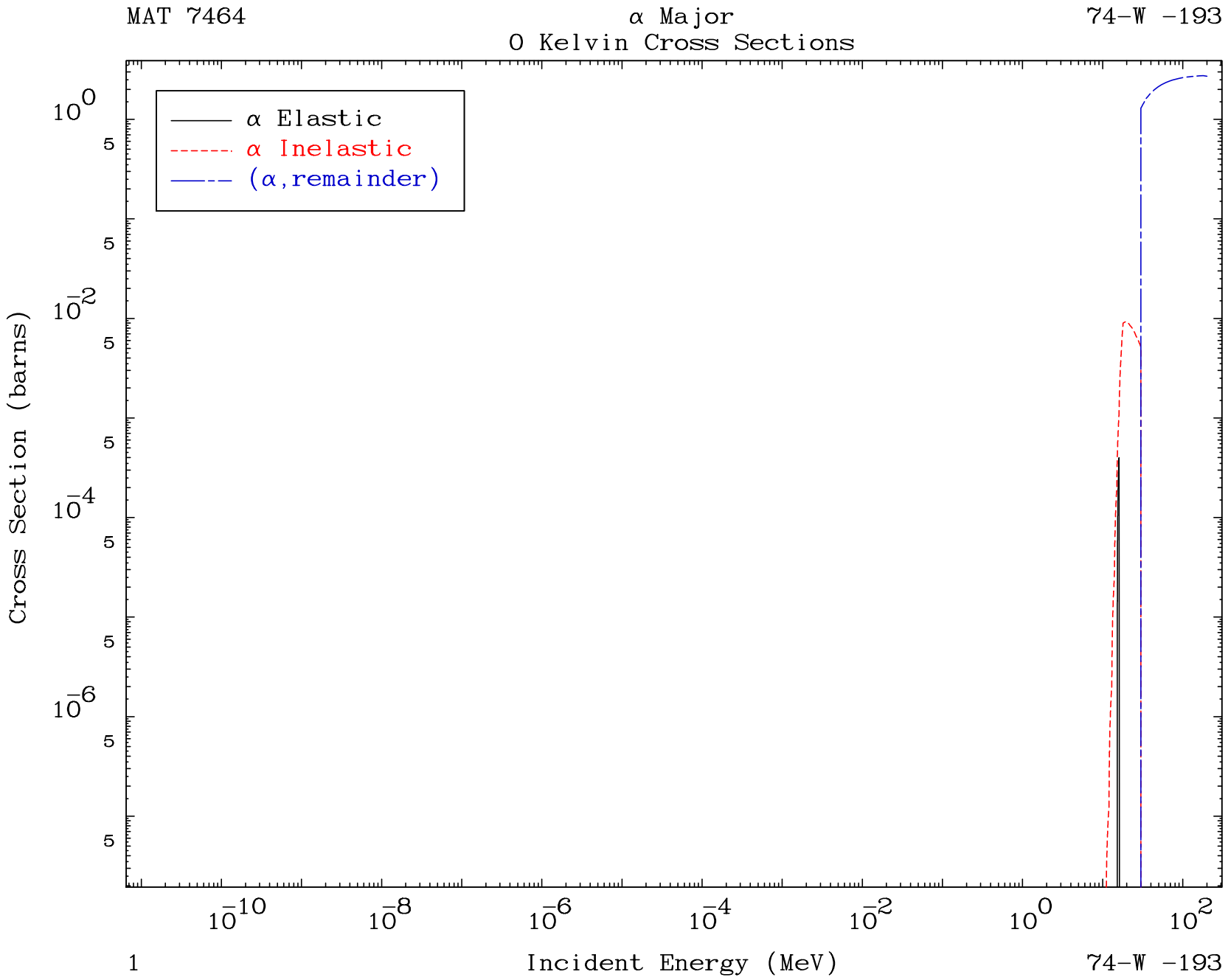
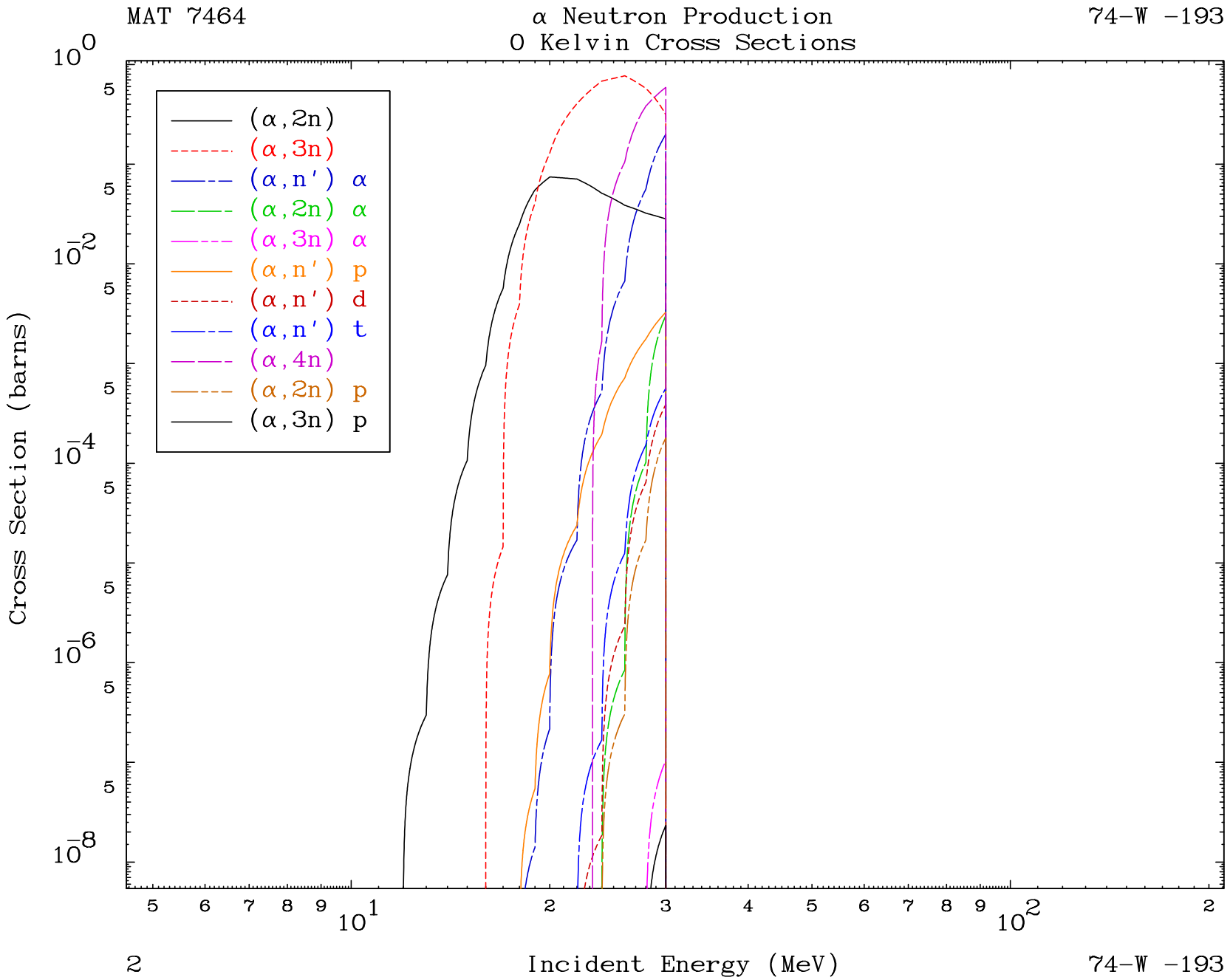
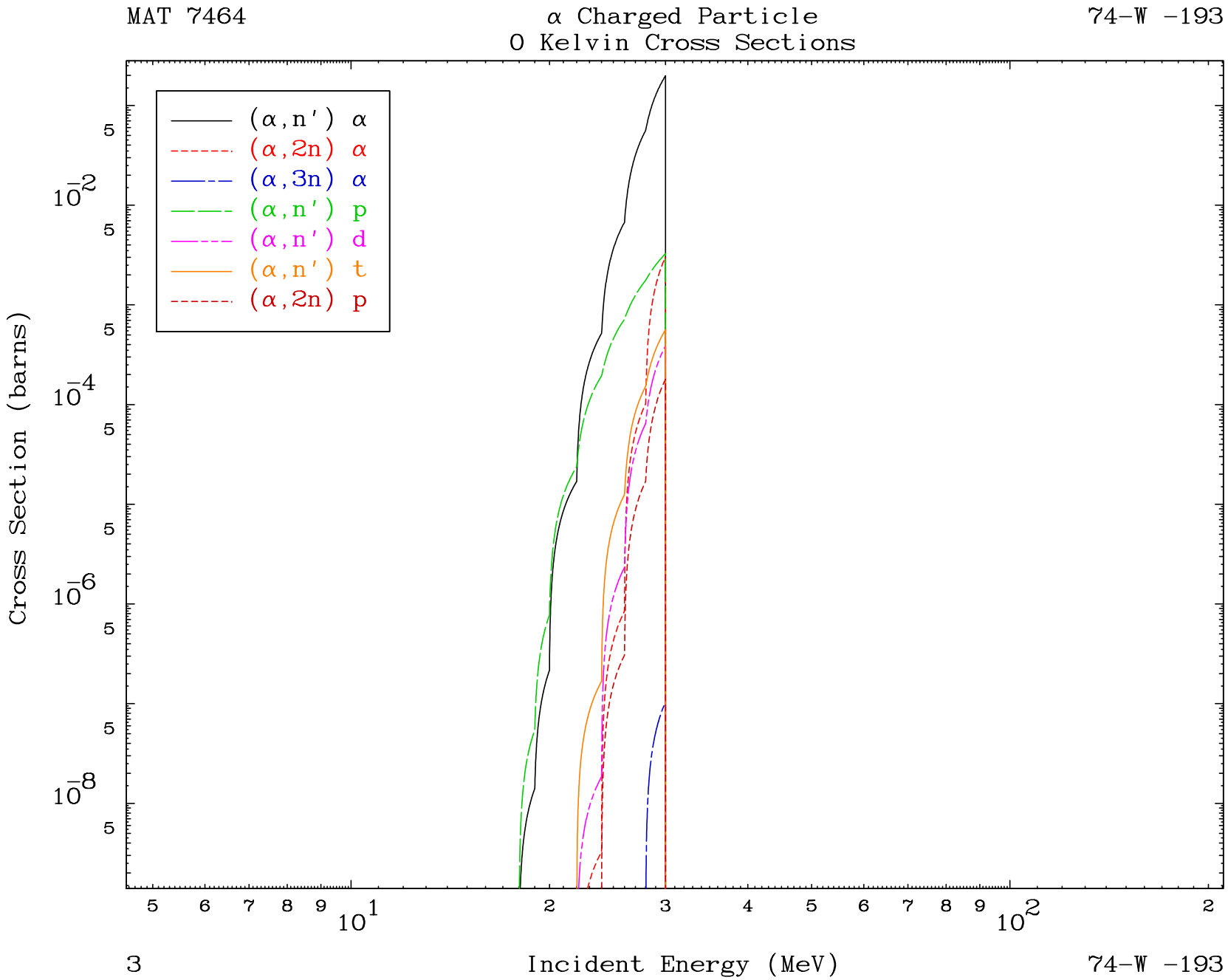
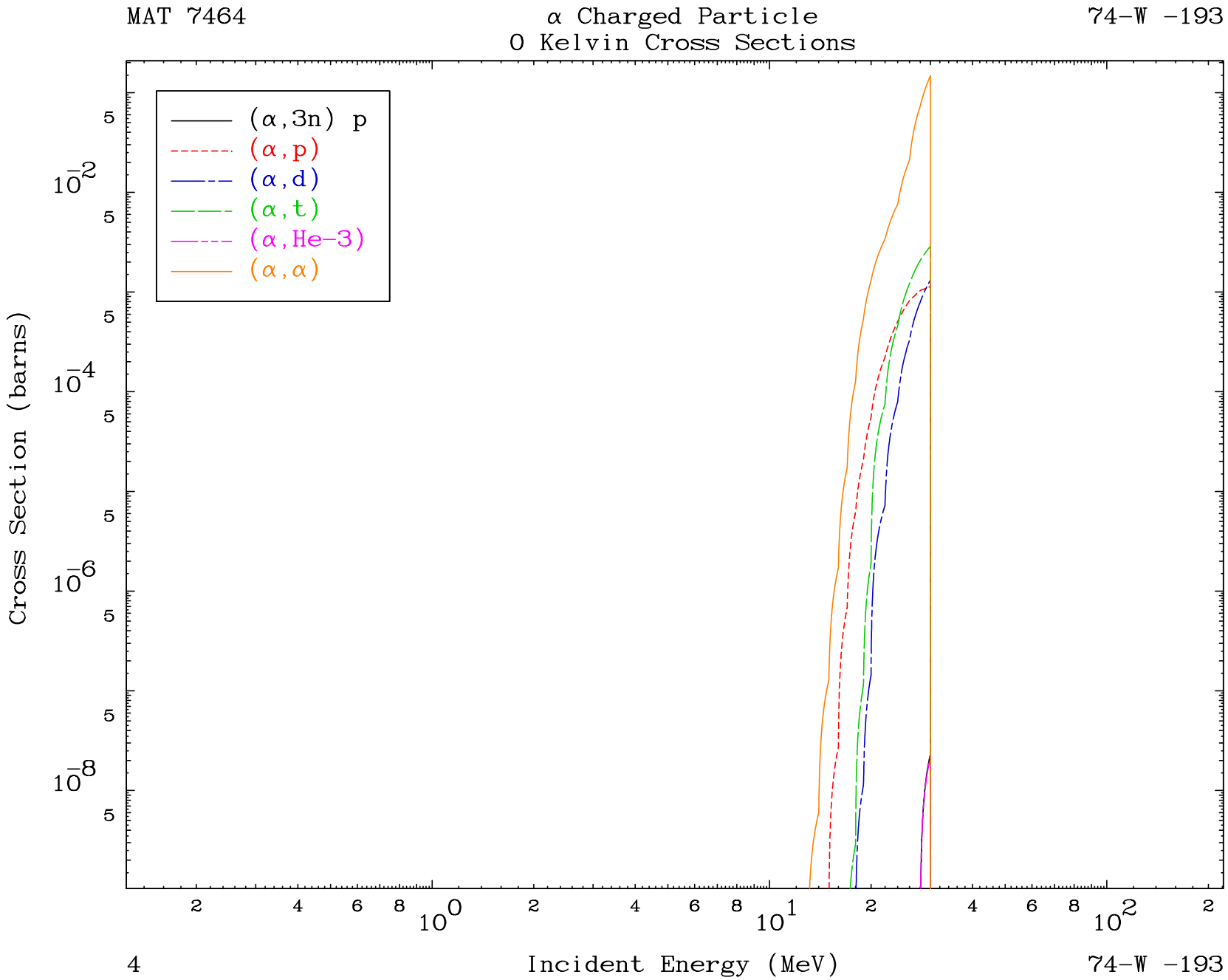
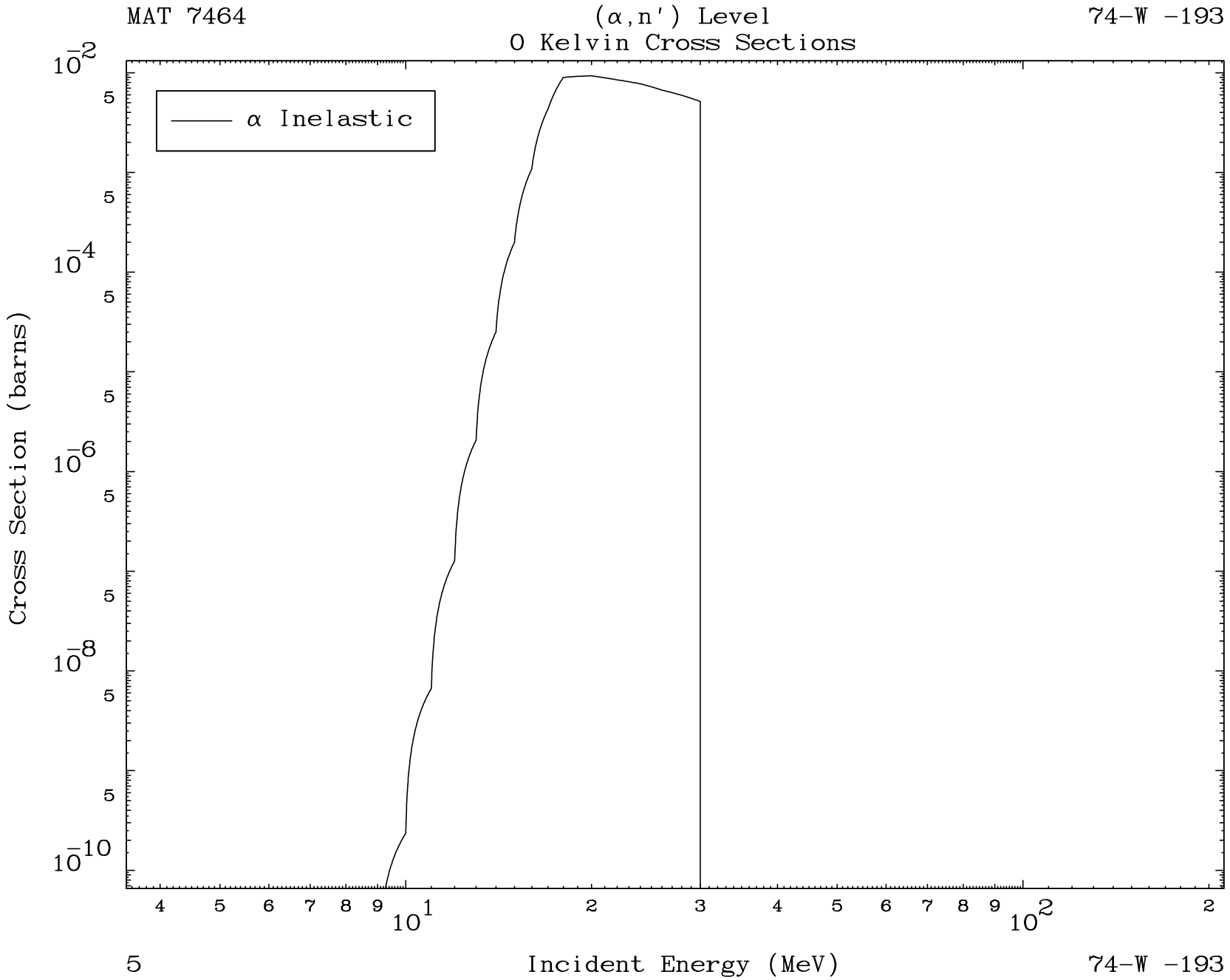
Press Mouse Button to Start

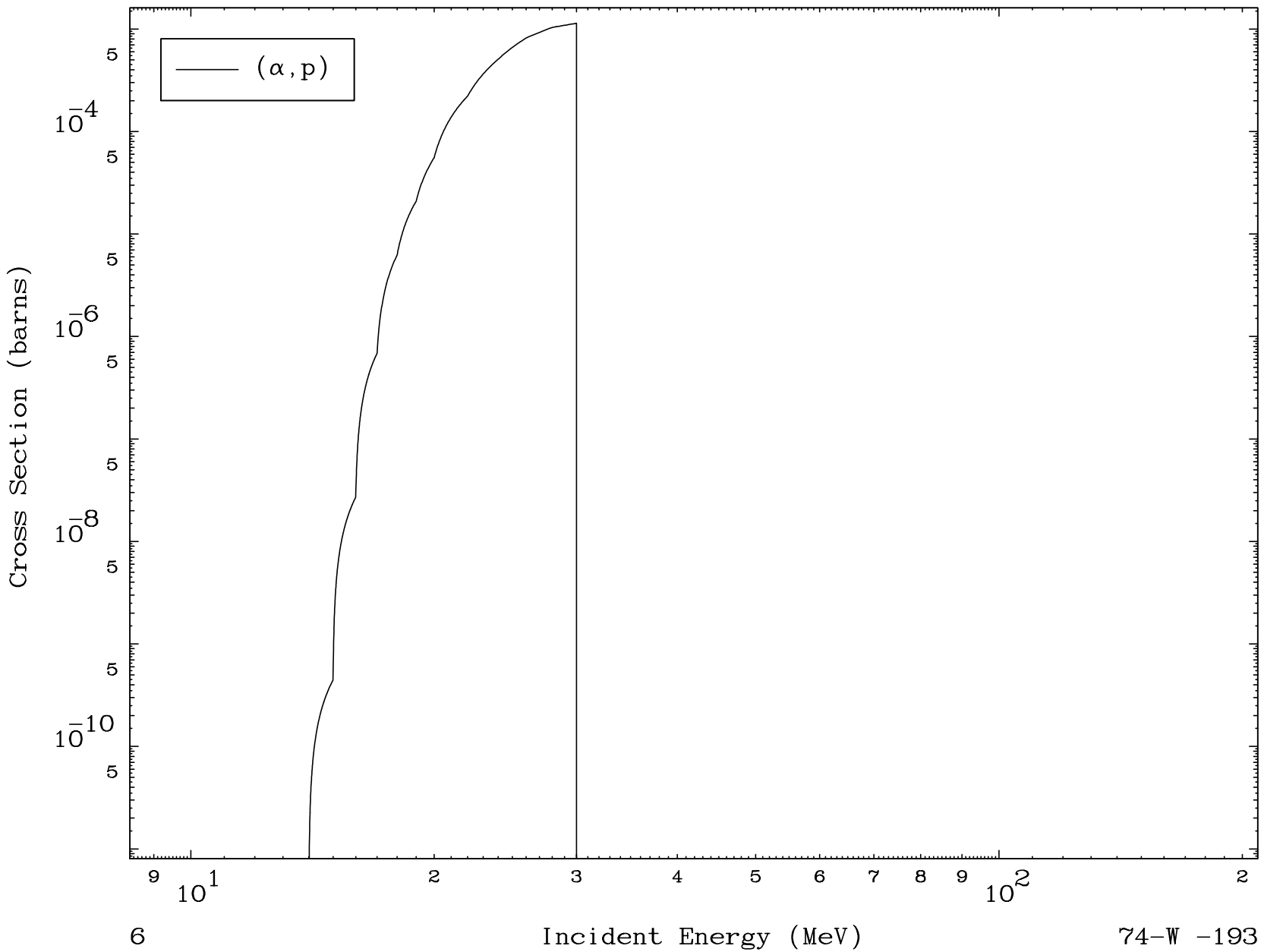

MAT 7464
α Major
74-W -193
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
Cross Section (barns)
Incident Energy (MeV)
1
74-W -193


MAT 7464
α Neutron Production
0 Kelvin Cross Sections
74-W -193
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
74-W -193

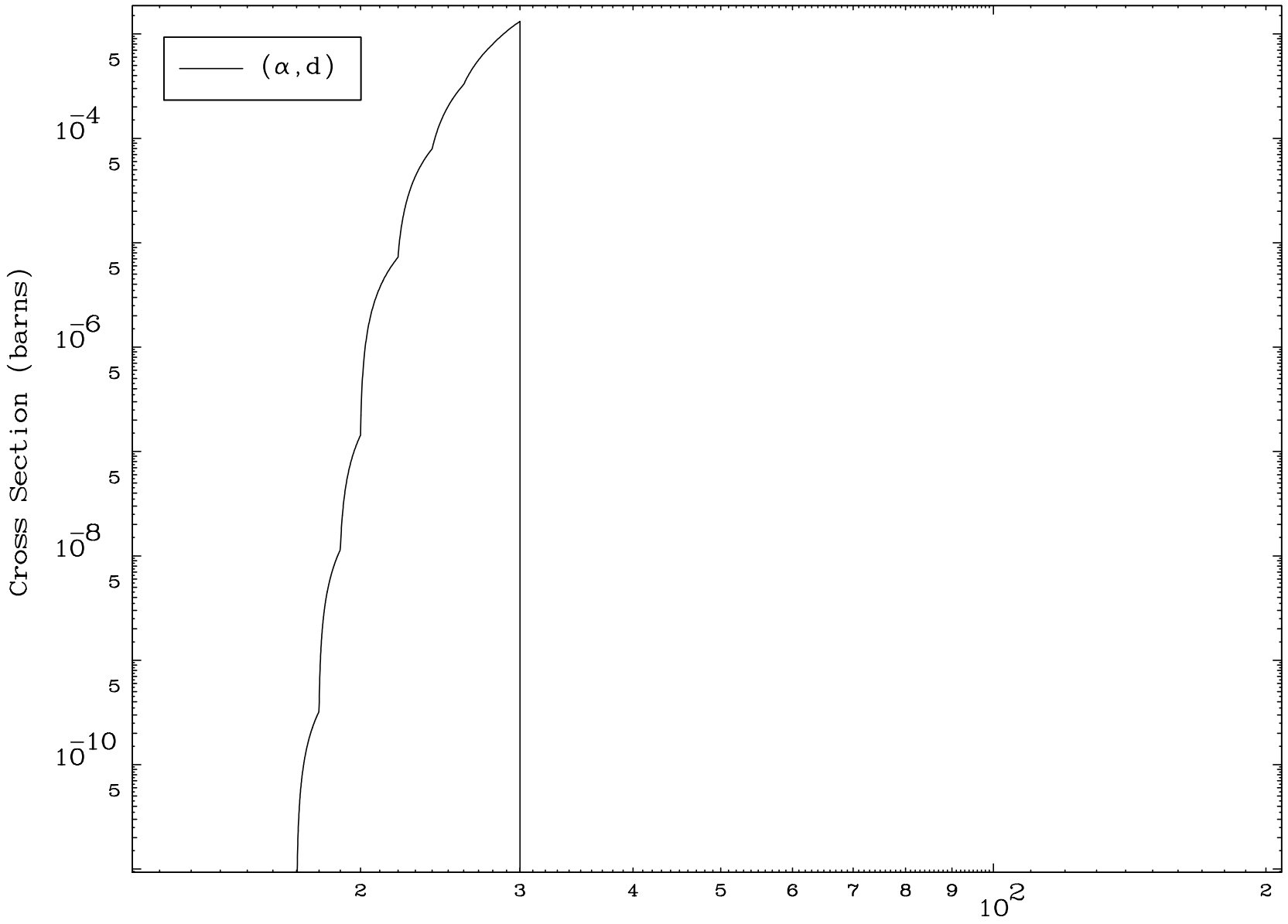

MAT 7464
α Charged Particle
0 Kelvin Cross Sections
74-W -193
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
74-W -193


MAT 7464
α Charged Particle
0 Kelvin Cross Sections
74-W -193
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
4
74-W -193

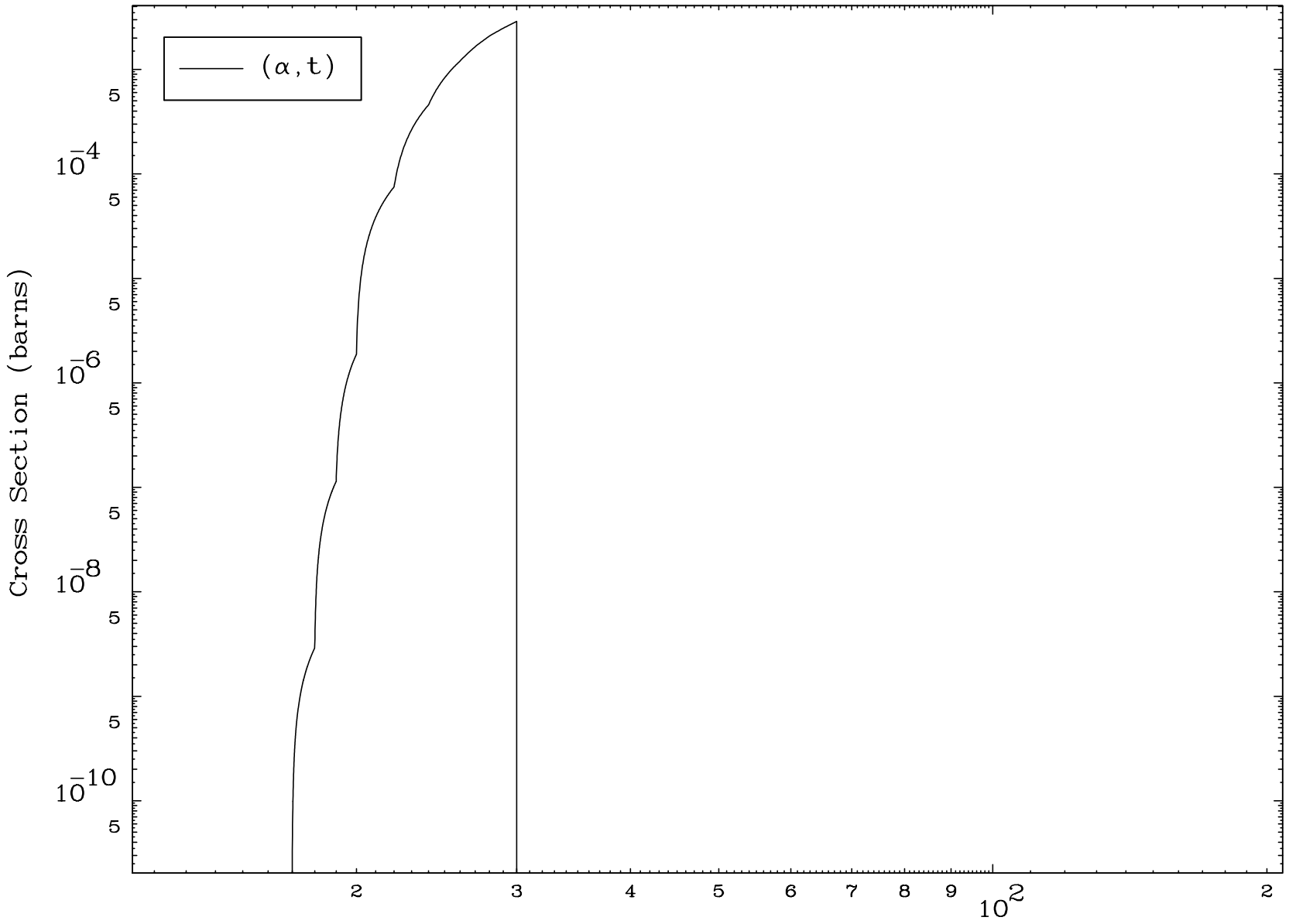

MAT 7464
(α,n') Level
74-W -193
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
5
74-W -193

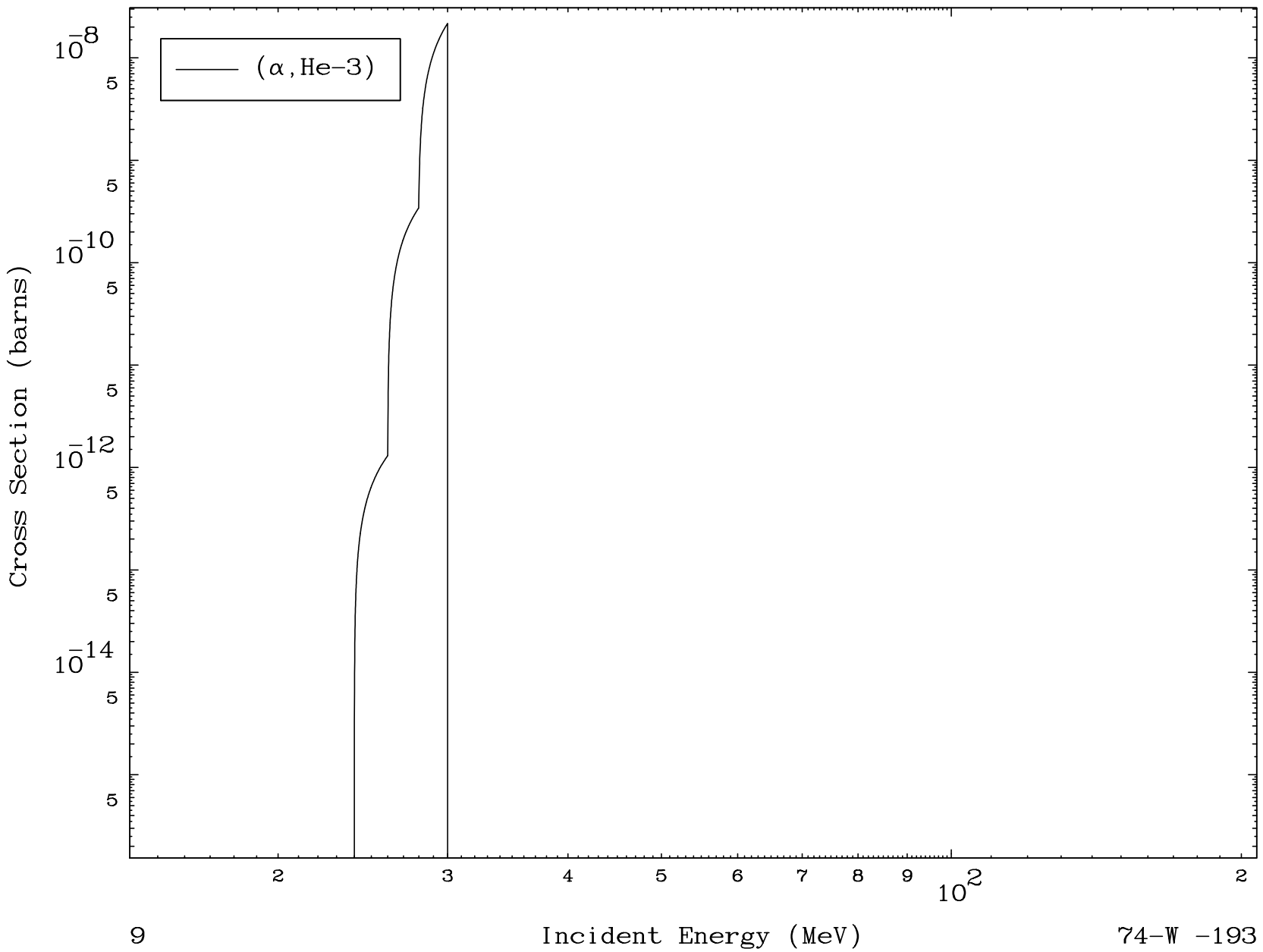

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

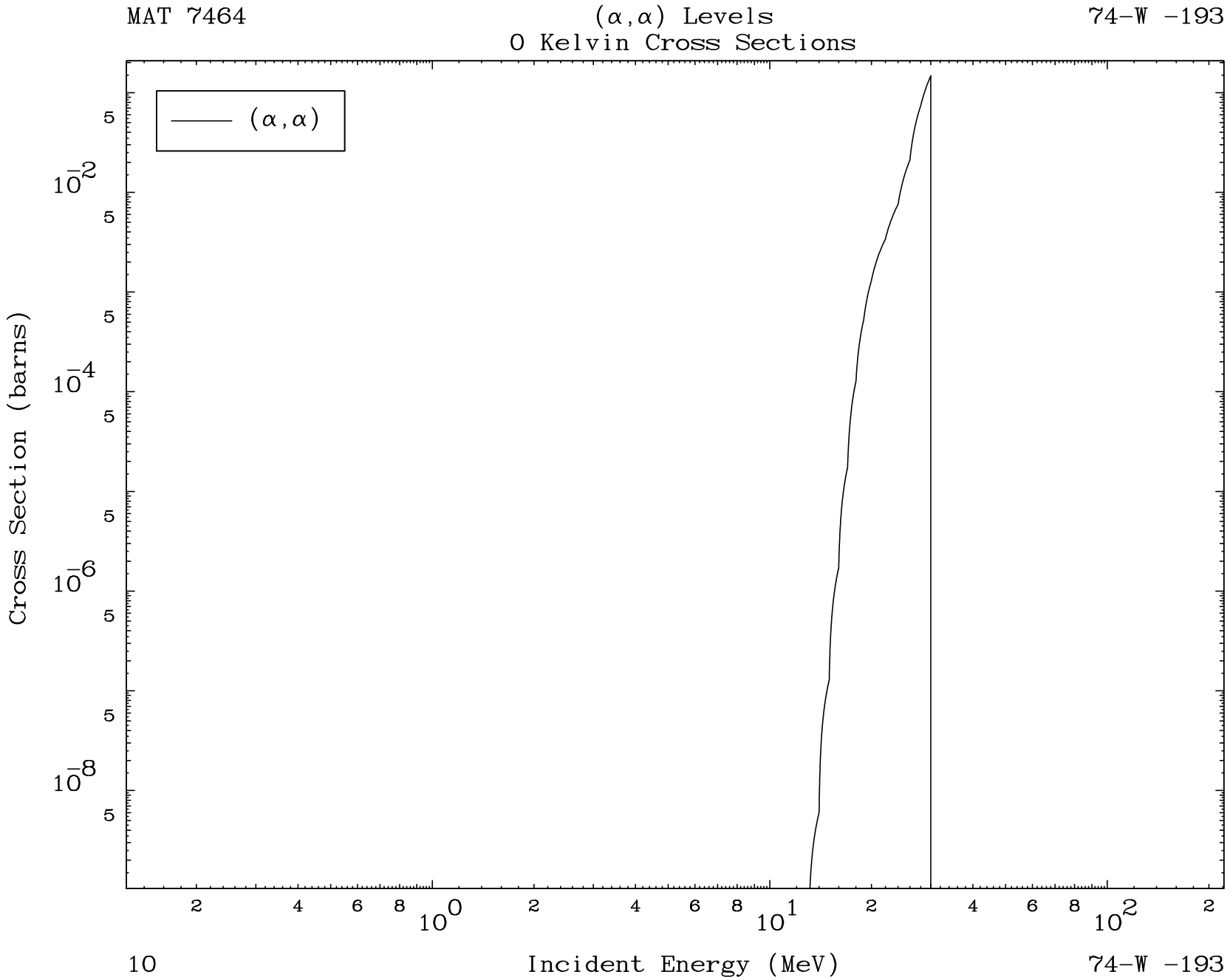
0 Kelvin Cross Sections

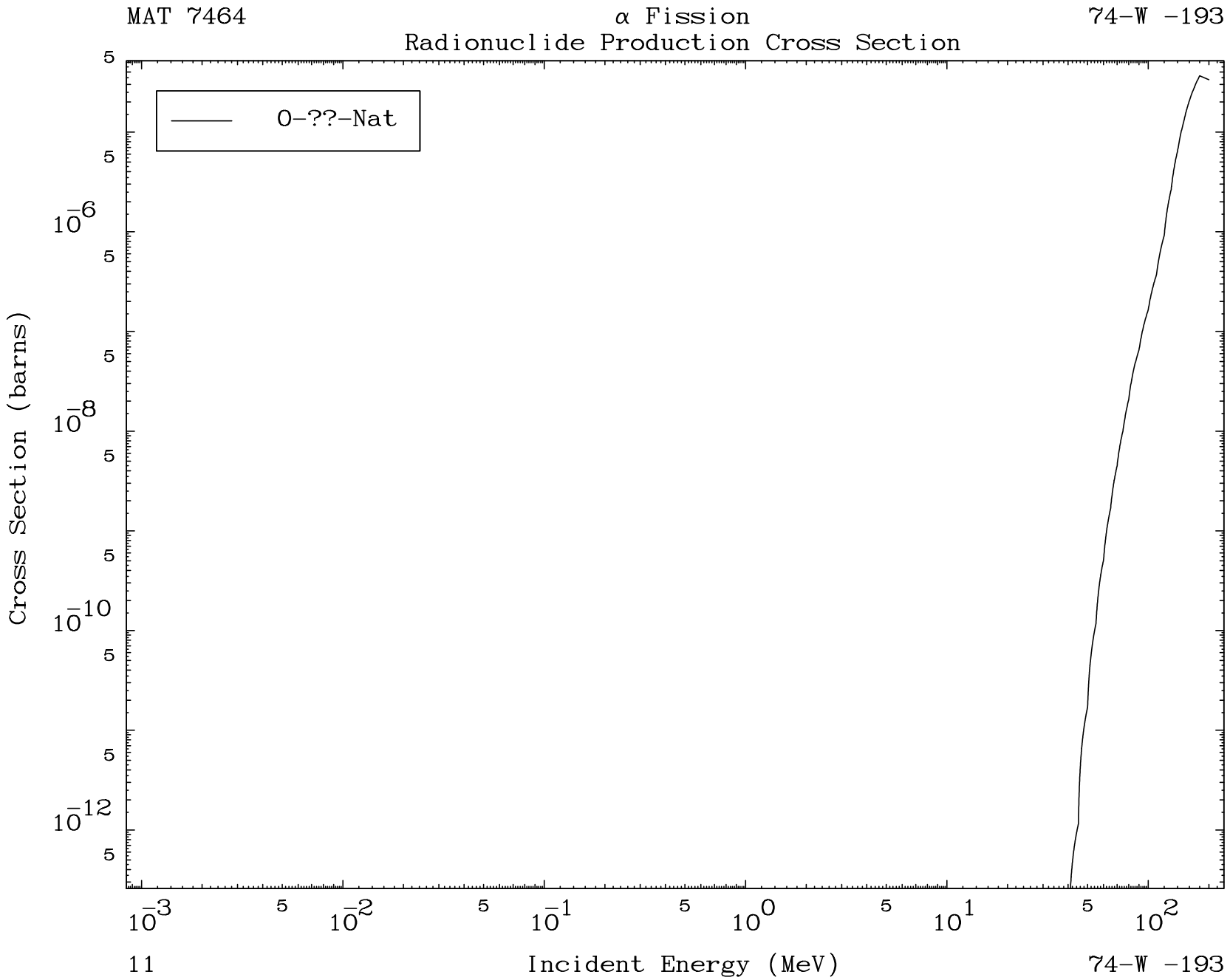


0 Kelvin Cross Sections




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


MAT 7464
(α,α) Levels
74-W -193
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
74-W -193
10


MAT 7464
α Fission
74-W -193
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
74-W -193