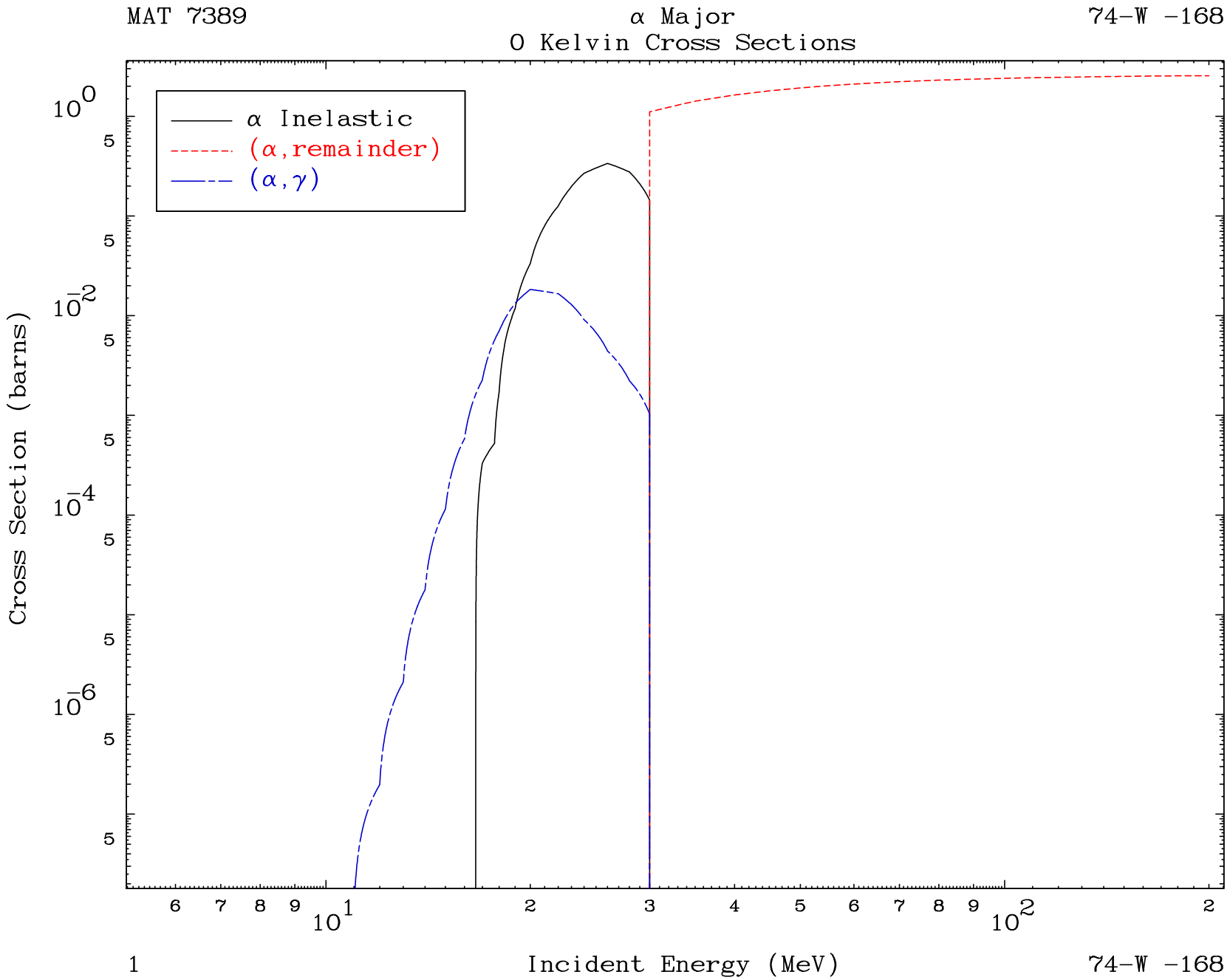
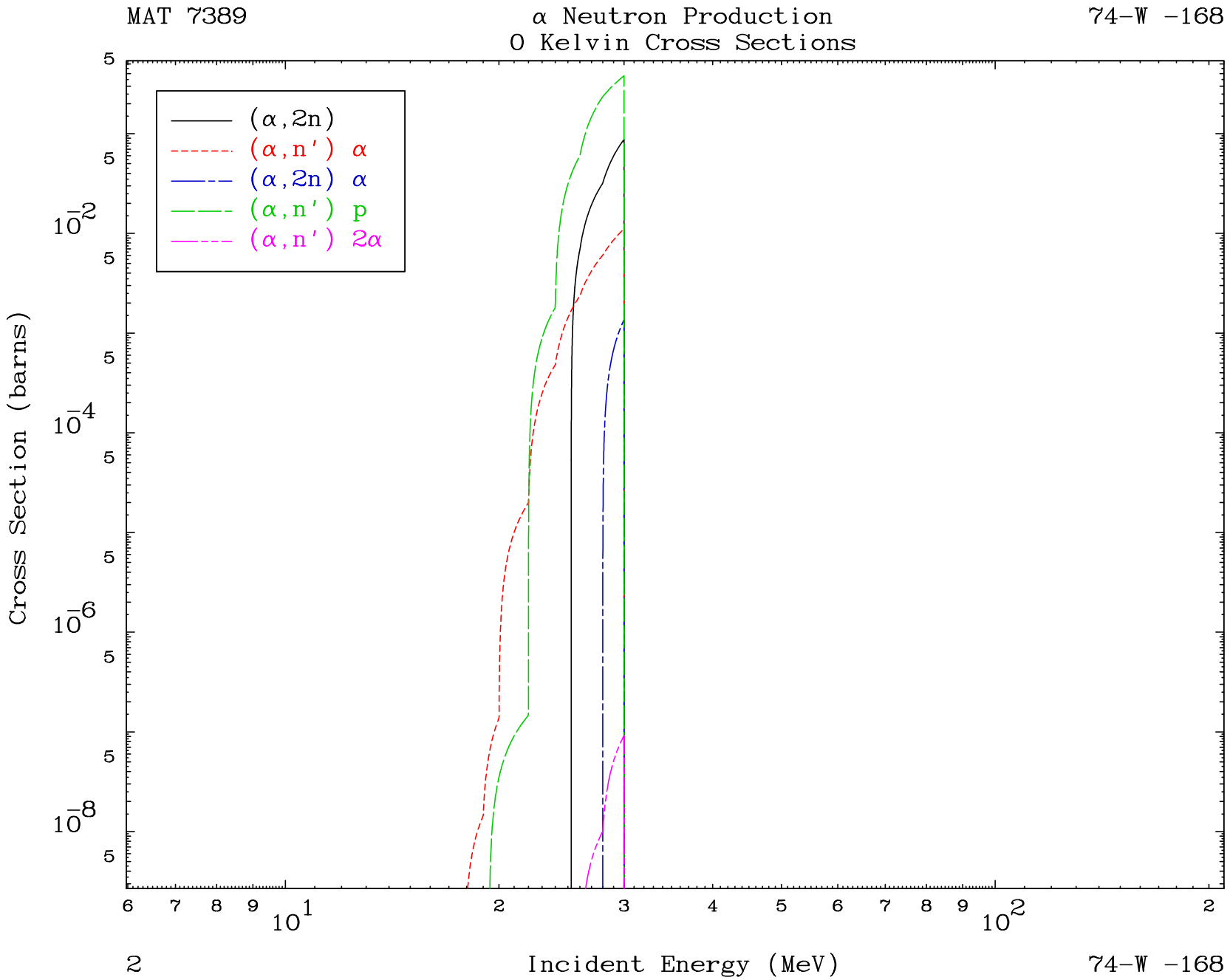
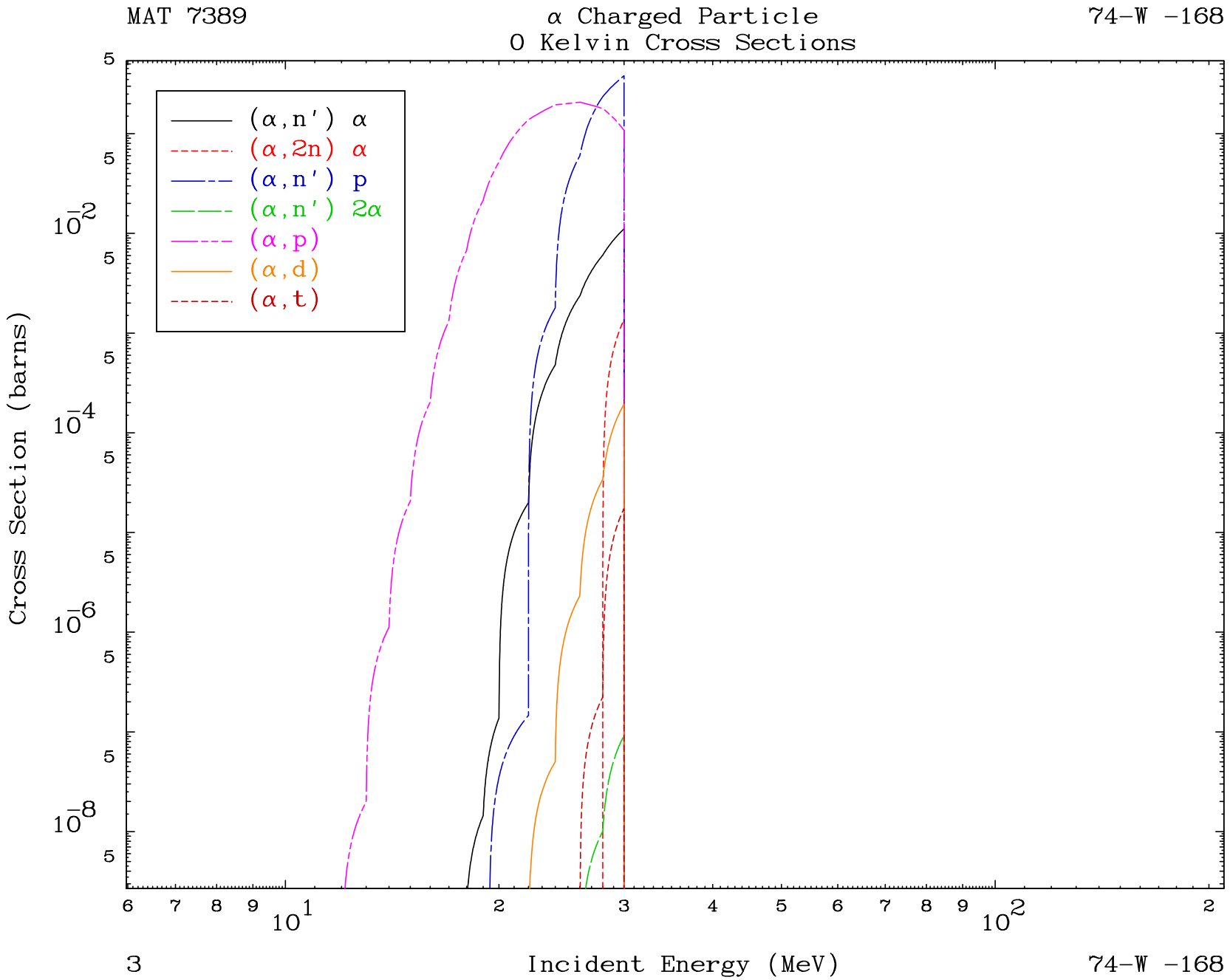
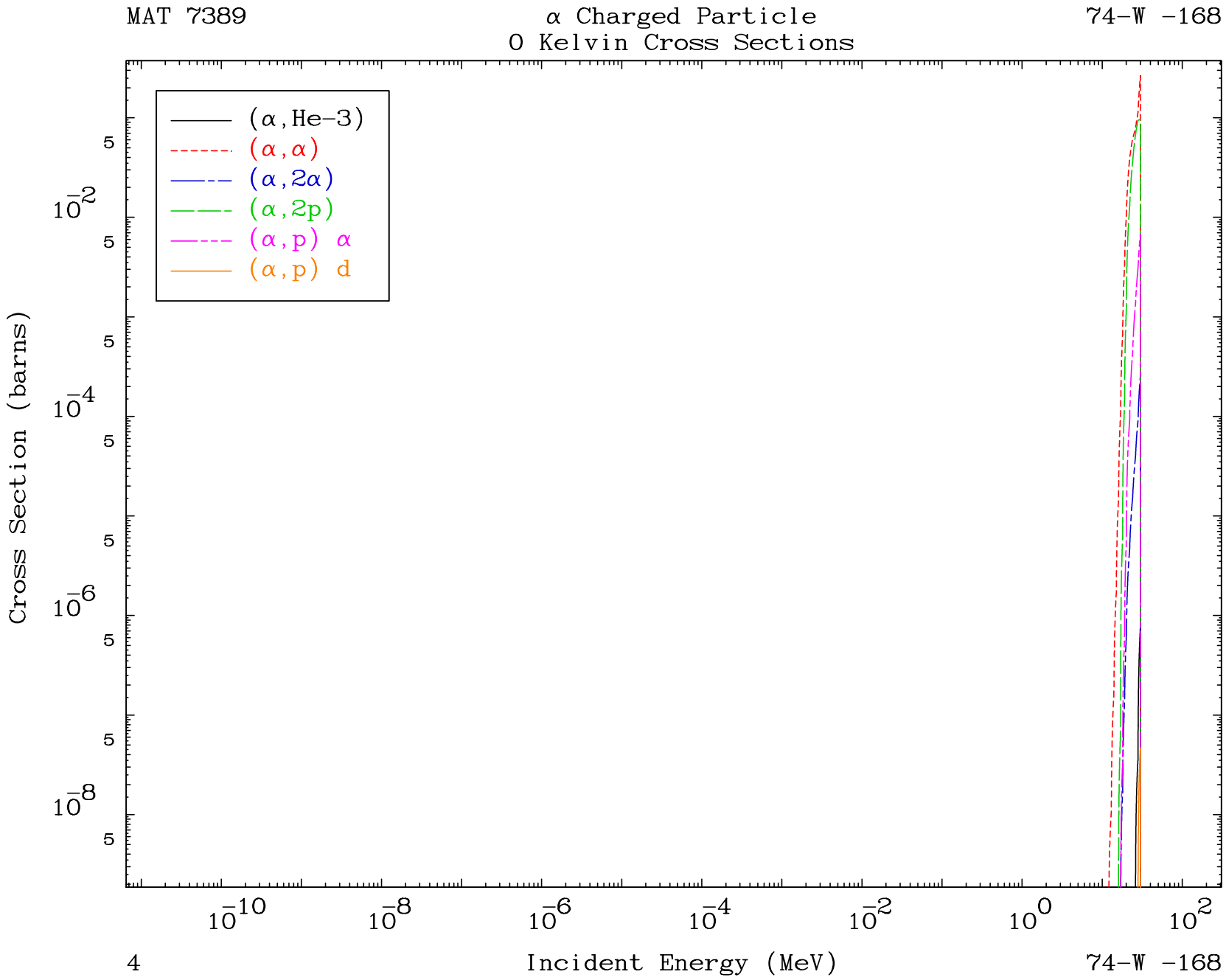
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

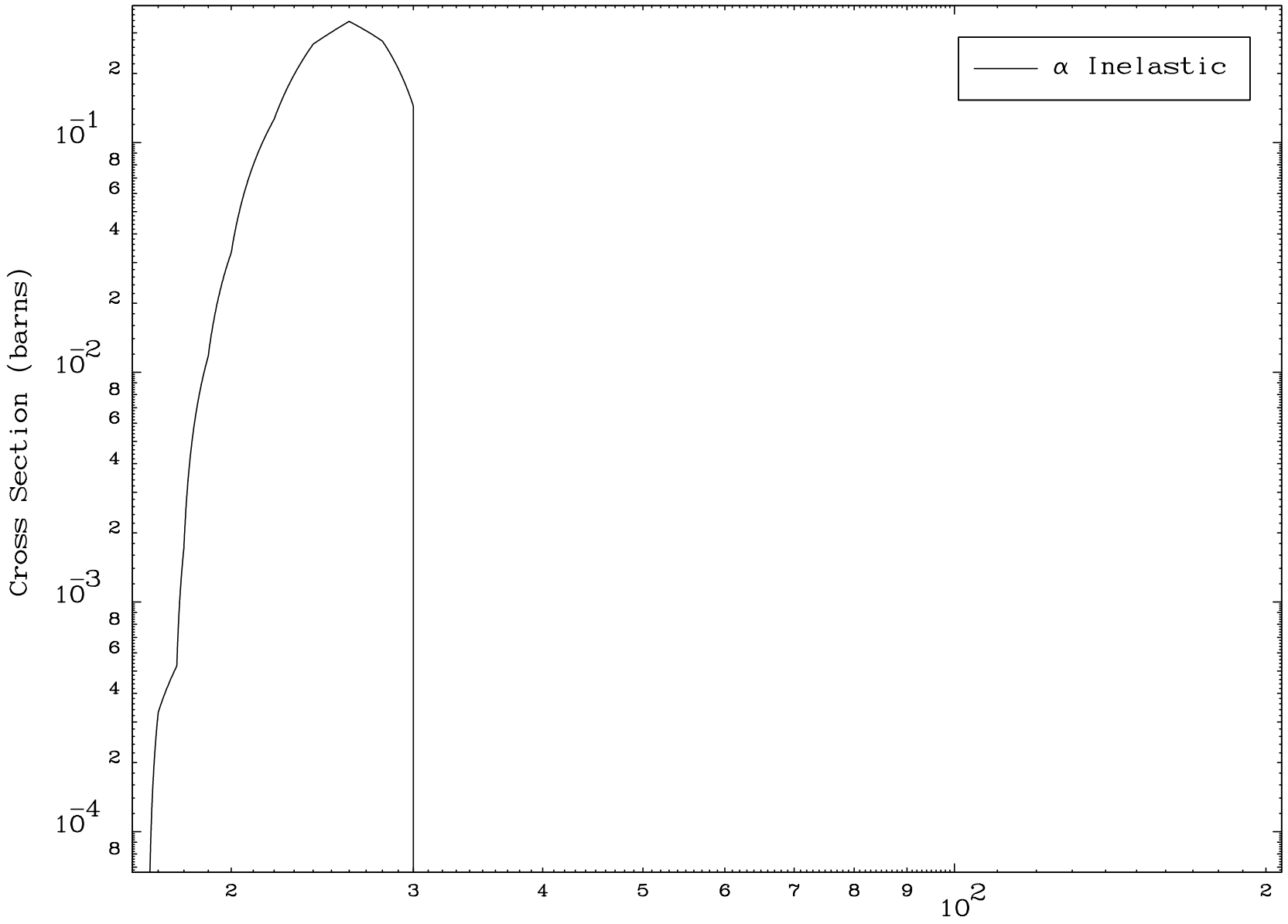

MAT 7389
α Major
74-W -168
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
74-W -168

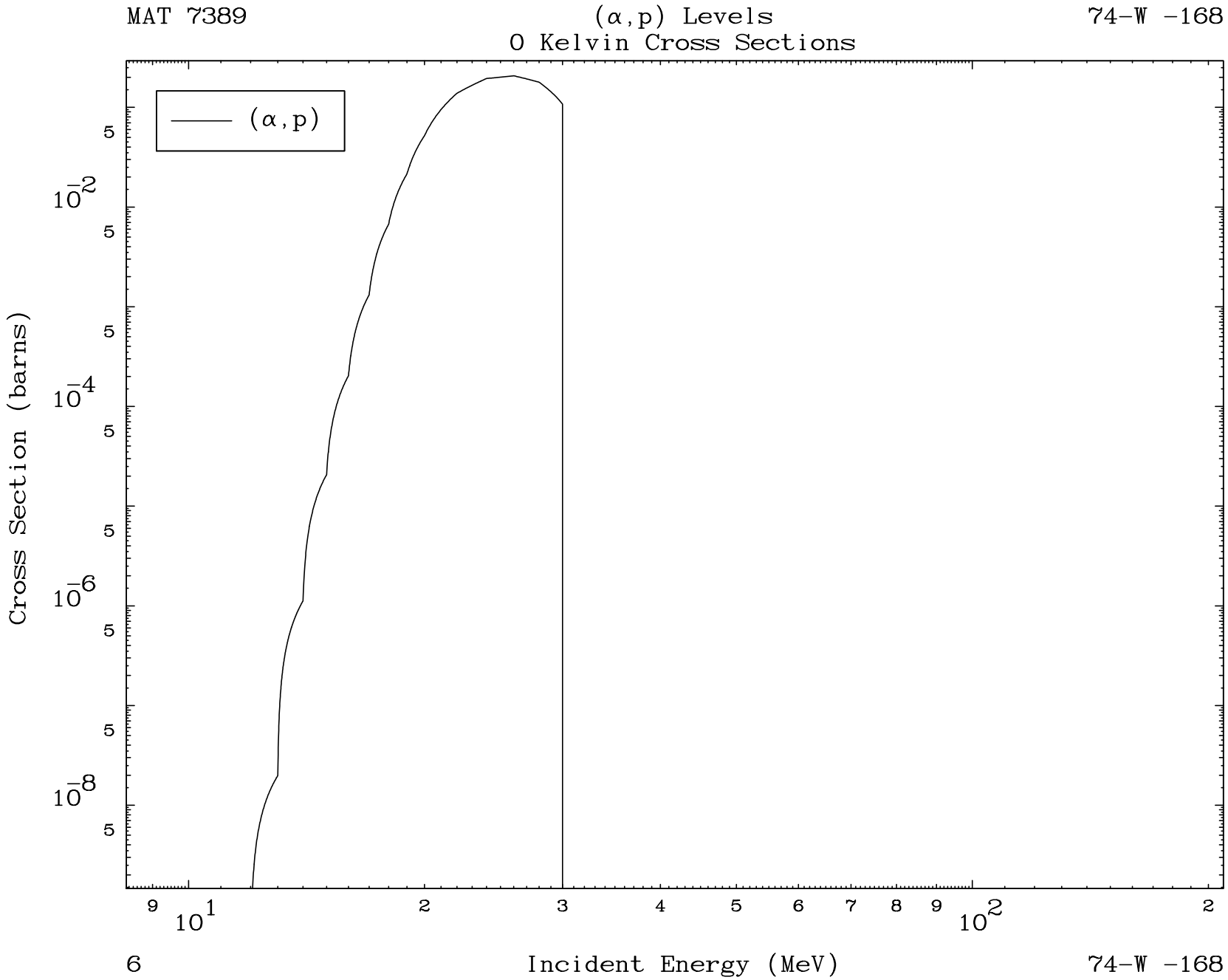

MAT 7389
α Neutron Production
0 Kelvin Cross Sections
74-W -168
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
Cross Section (barns)
Incident Energy (MeV)
74-W -168

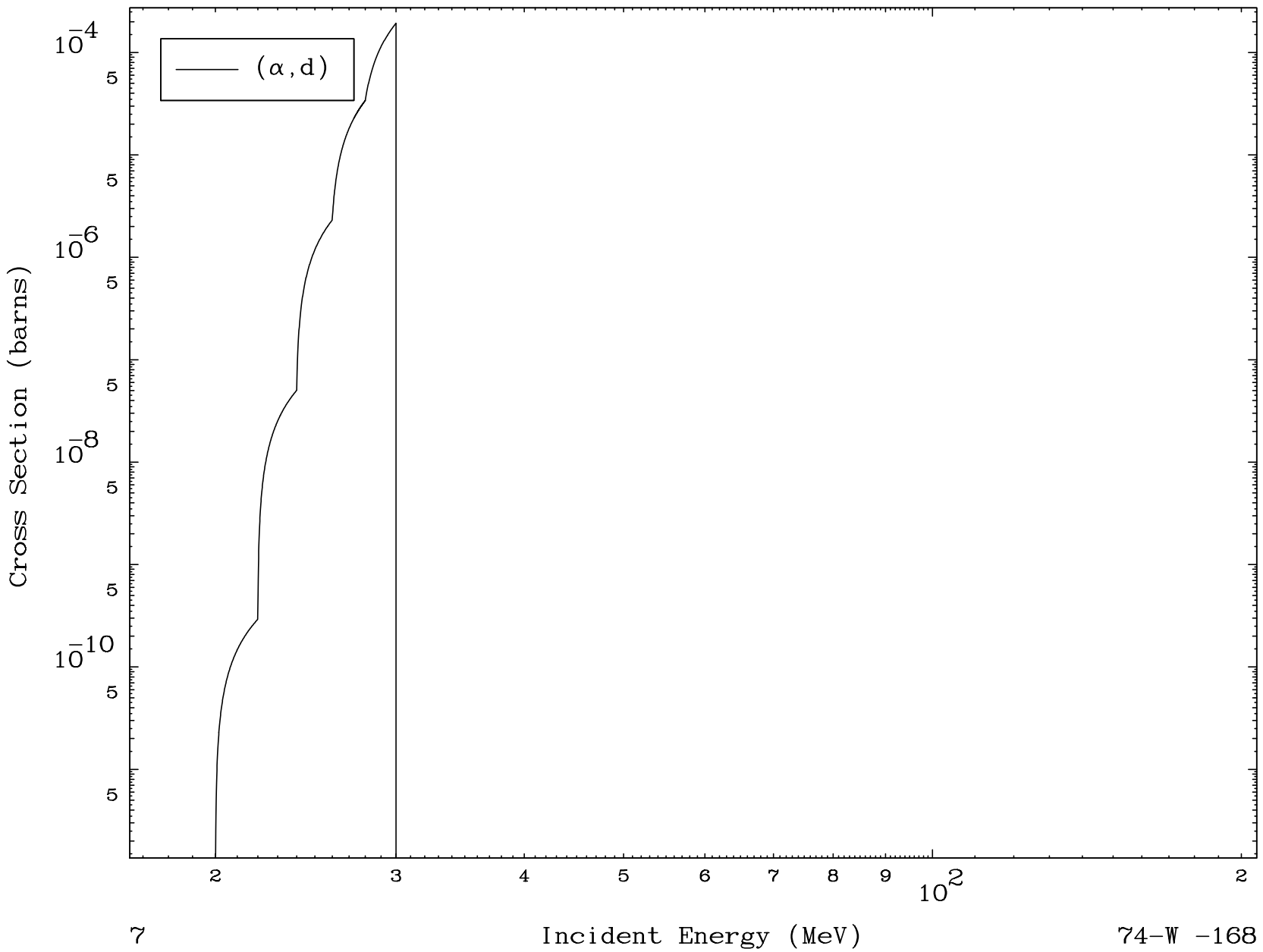

MAT 7389
α Charged Particle
0 Kelvin Cross Sections
74-W -168
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
74-W -168

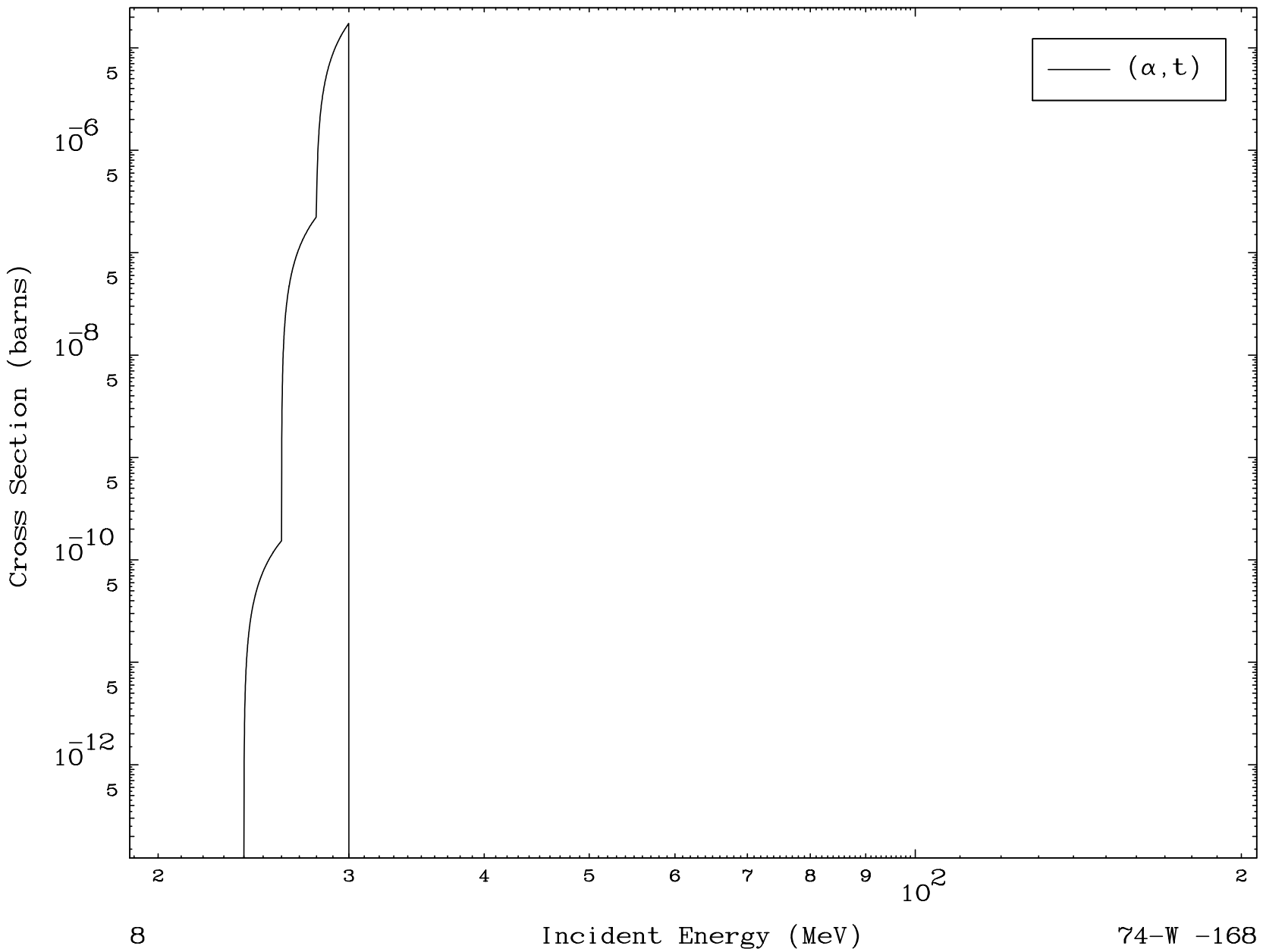

MAT 7389
α Charged Particle
0 Kelvin Cross Sections
74-W -168
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
74-W -168

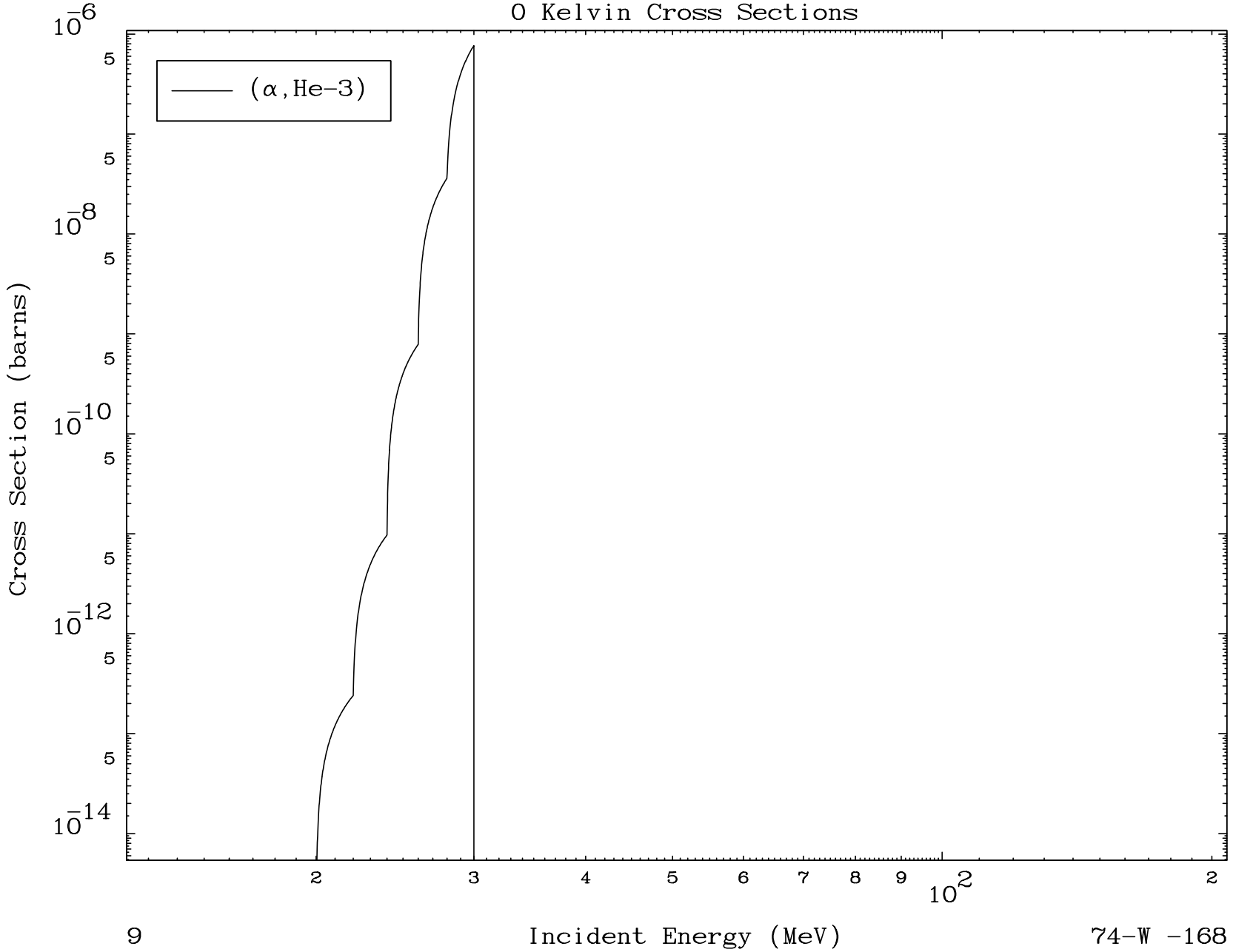
0 Kelvin Cross Sections

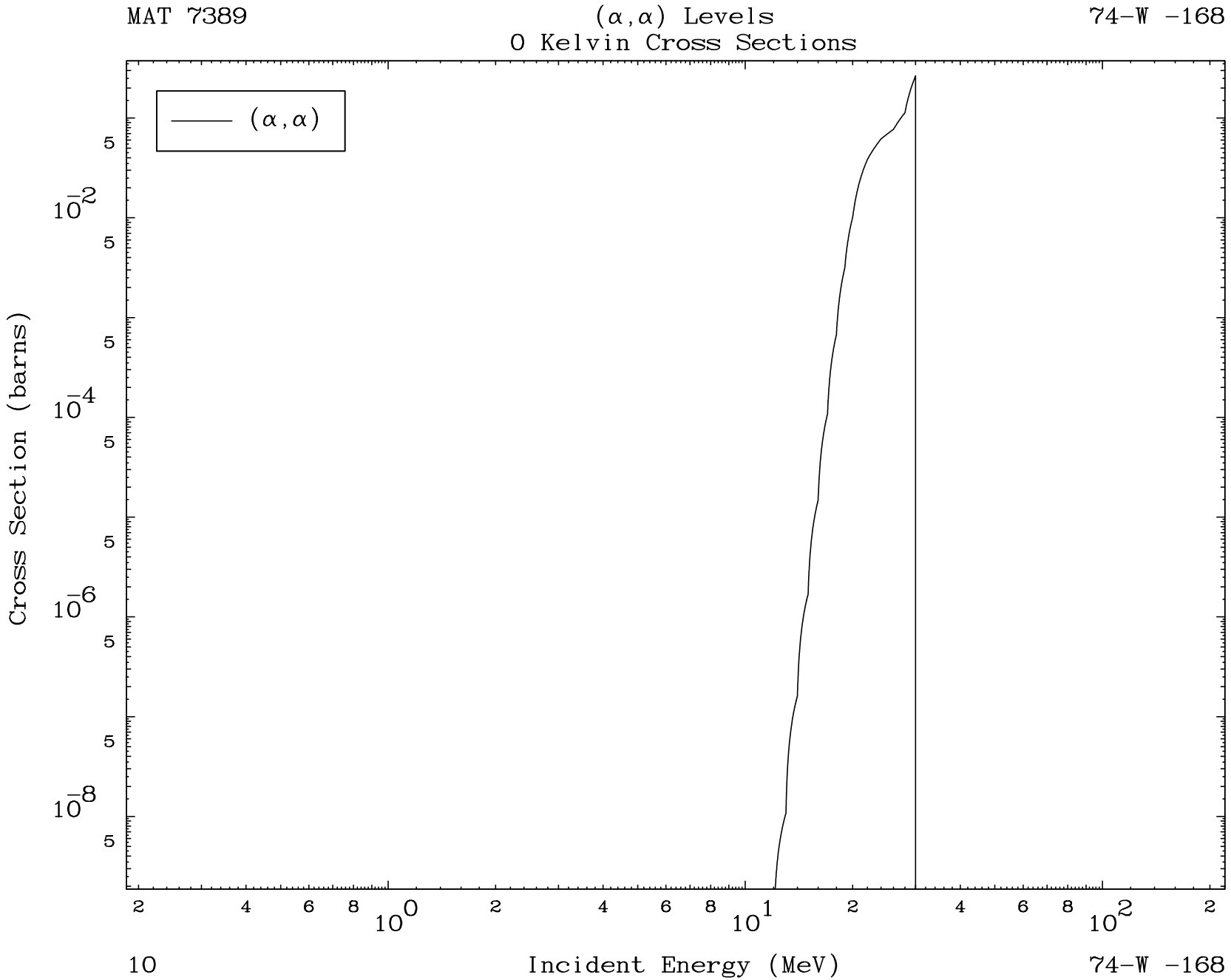


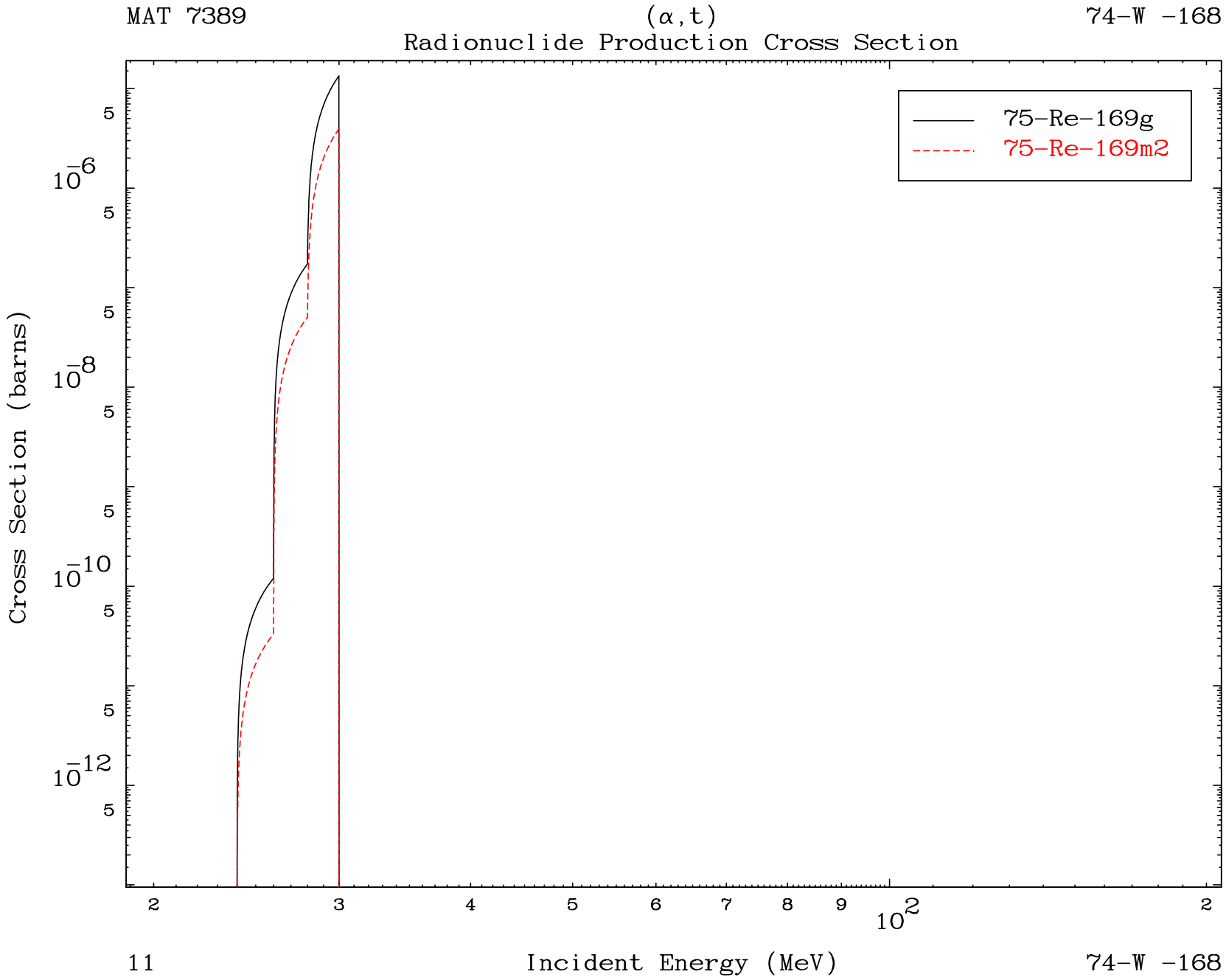

MAT 7389
(α,p) Levels
74-W -168
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
6
74-W -168


0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10⁻4
10⁻6
10⁻8
10⁻10
5
2
3
4
5
6
7
8
9
10²
2
Incident Energy (MeV)


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
Incident Energy (MeV)


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


MAT 7389
(α,α) Levels
74-W -168
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
74-W -168


MAT 7389
(α,t)
74-W -168
Radionuclide Production Cross Section
75-Re-169g
75-Re-169m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
74-W -168