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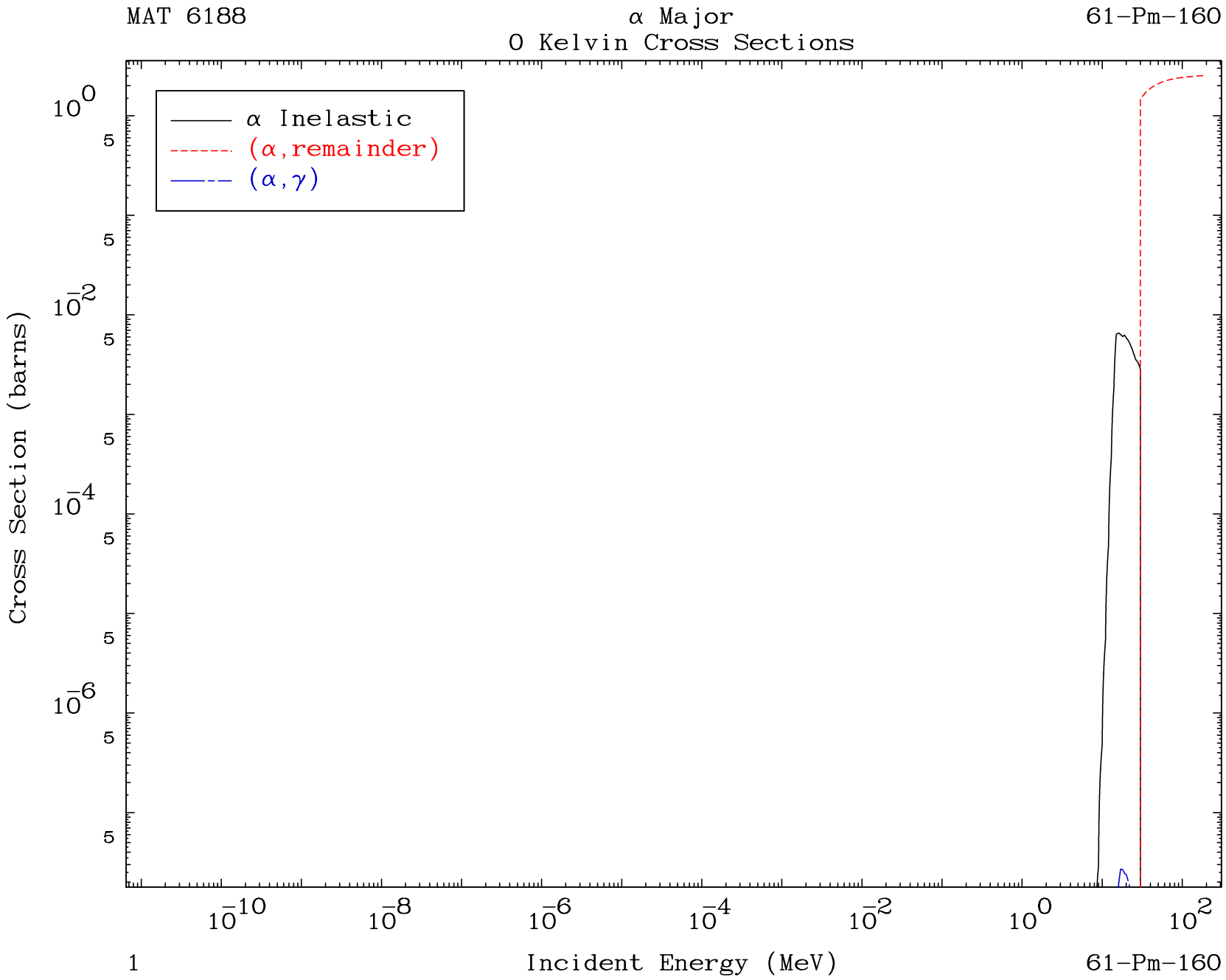
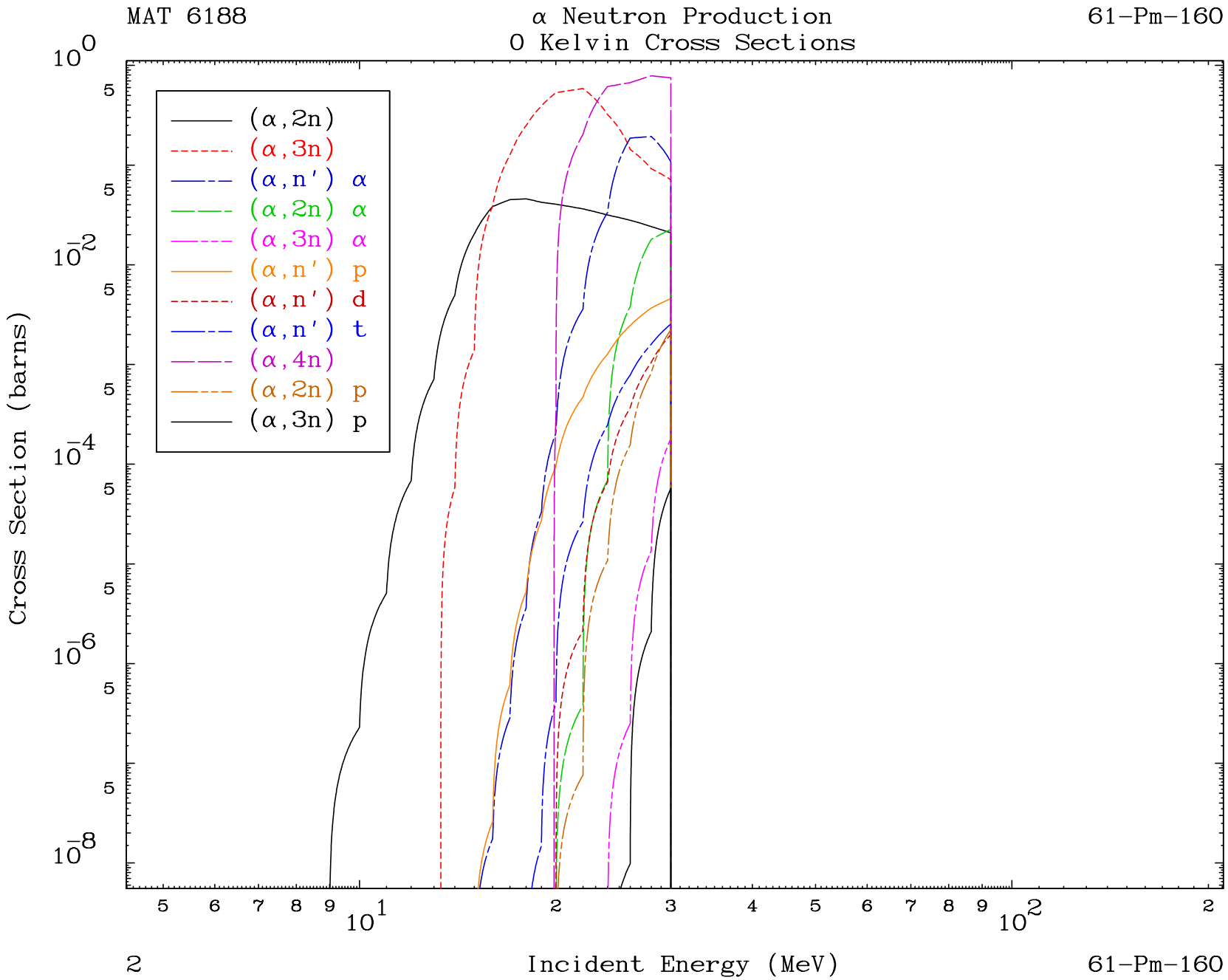
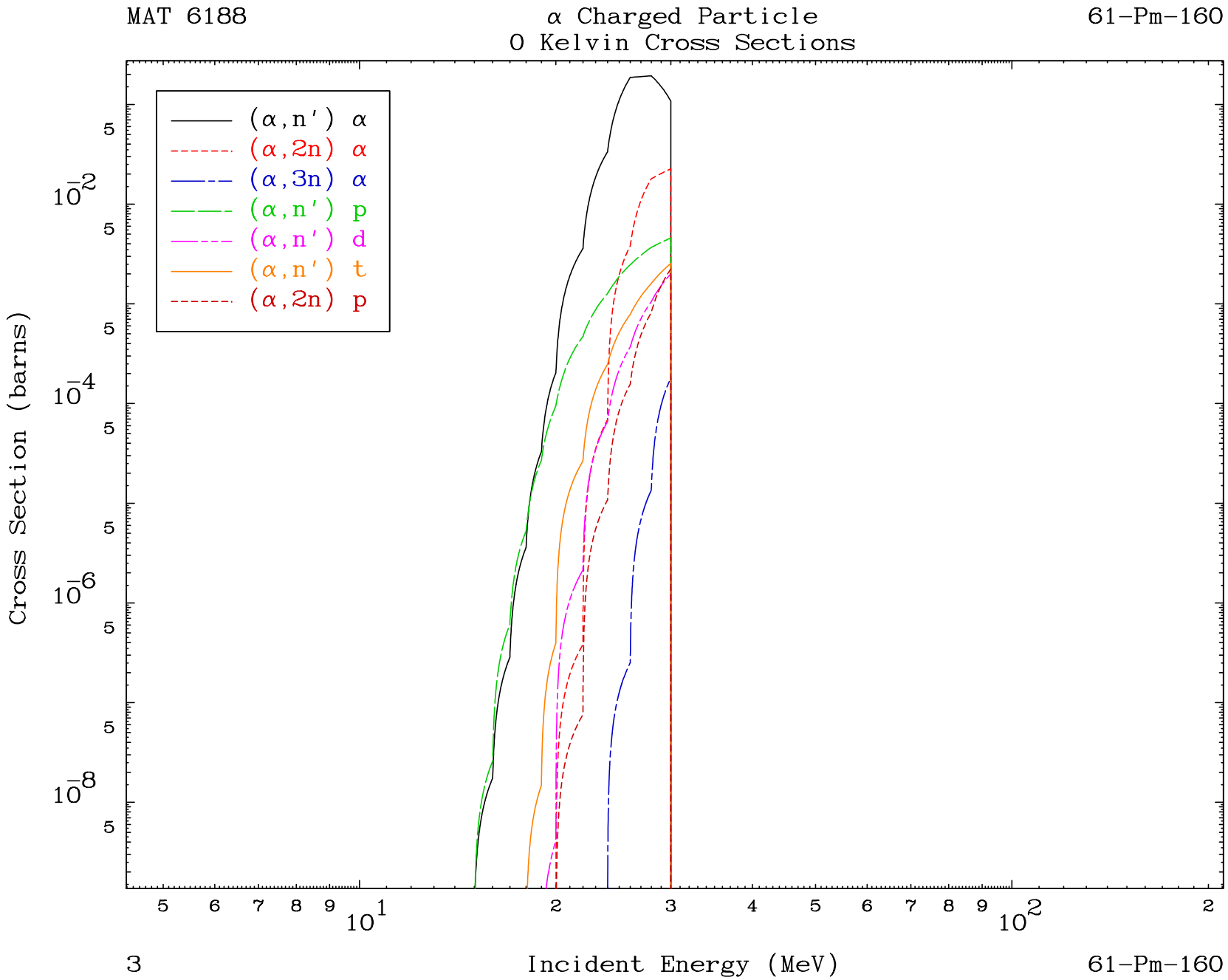
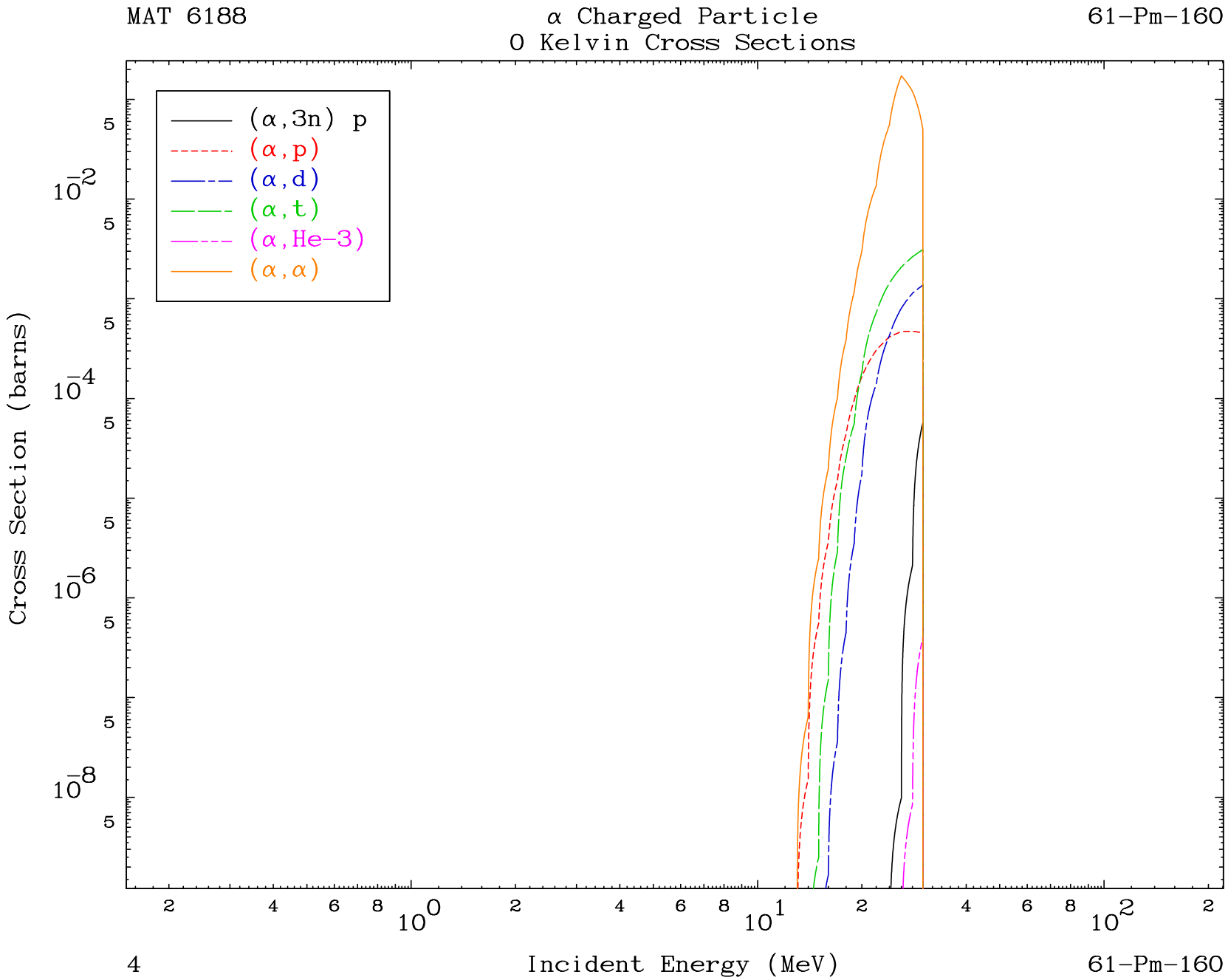
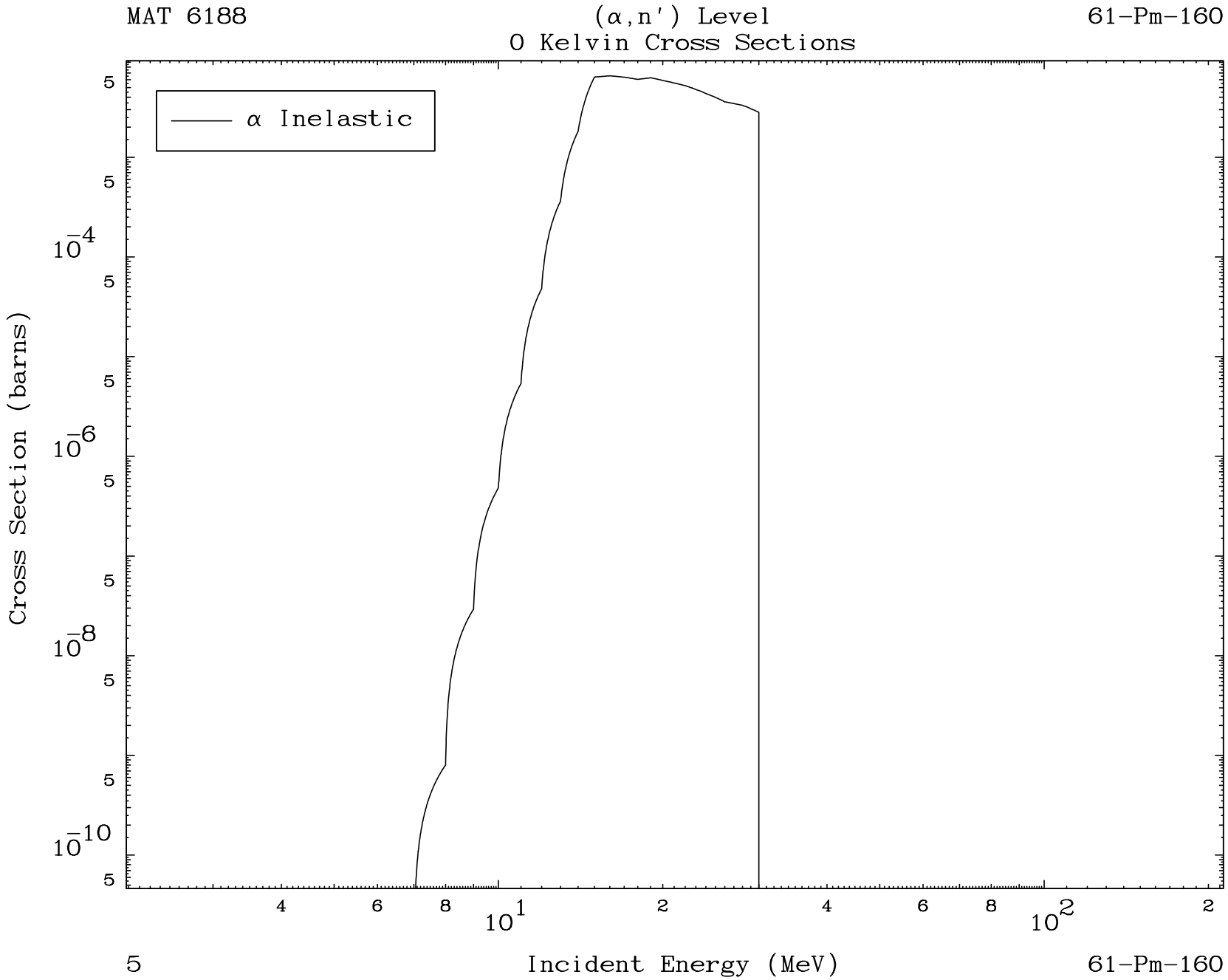
Press Mouse Button to Start

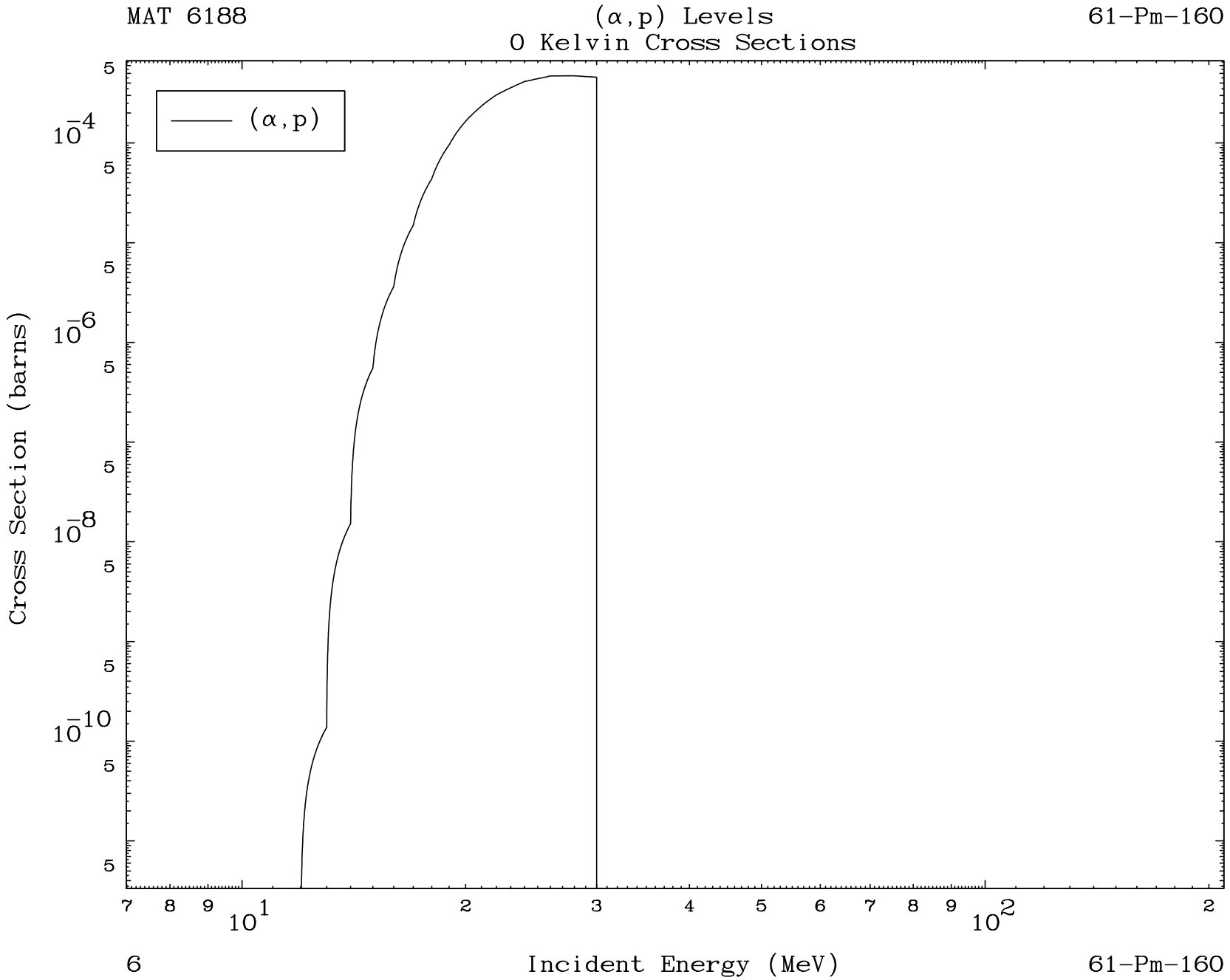

MAT 6188
α Major
61-Pm-160
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
61-Pm-160

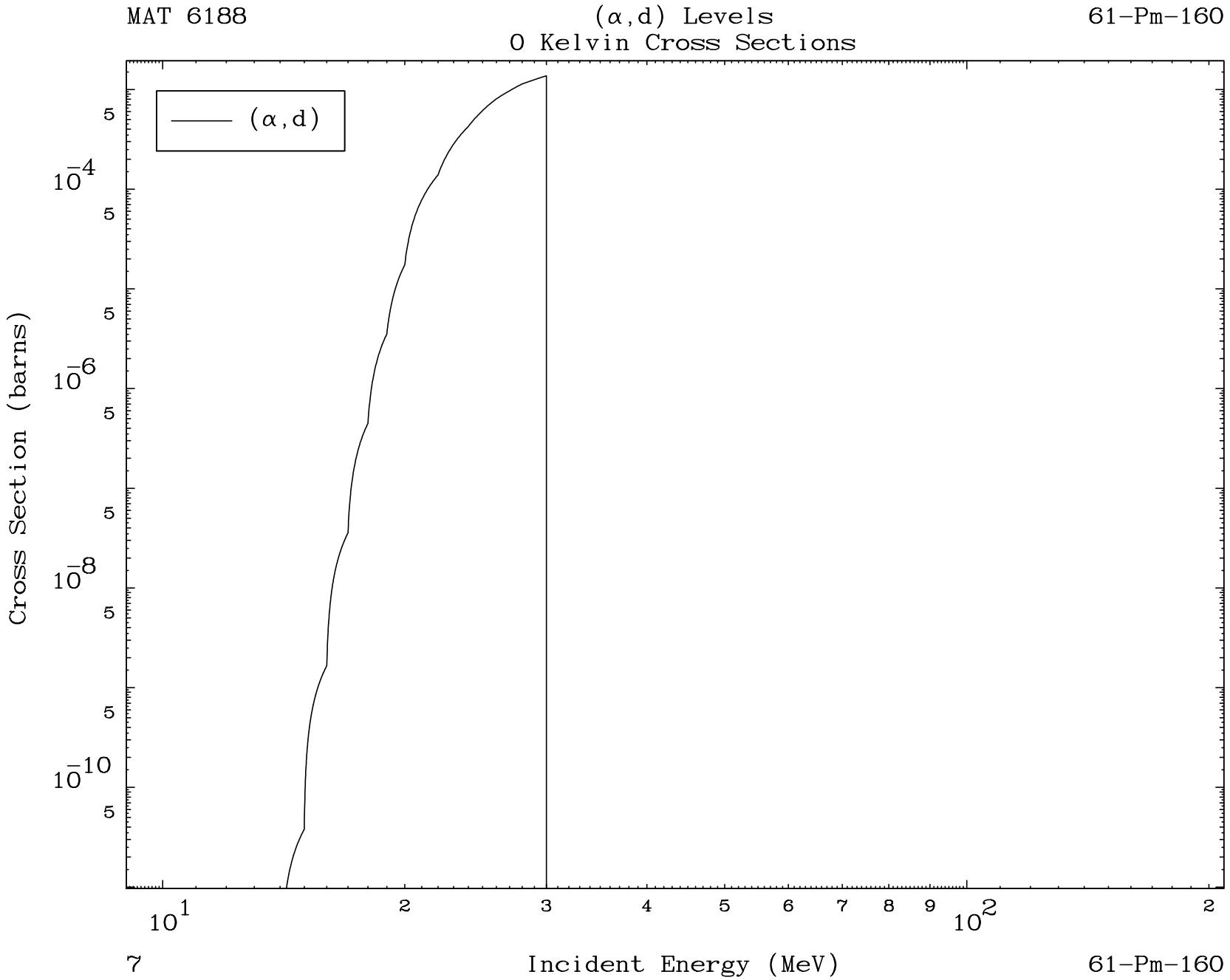

MAT 6188
α Neutron Production
0 Kelvin Cross Sections
61-Pm-160
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
61-Pm-160

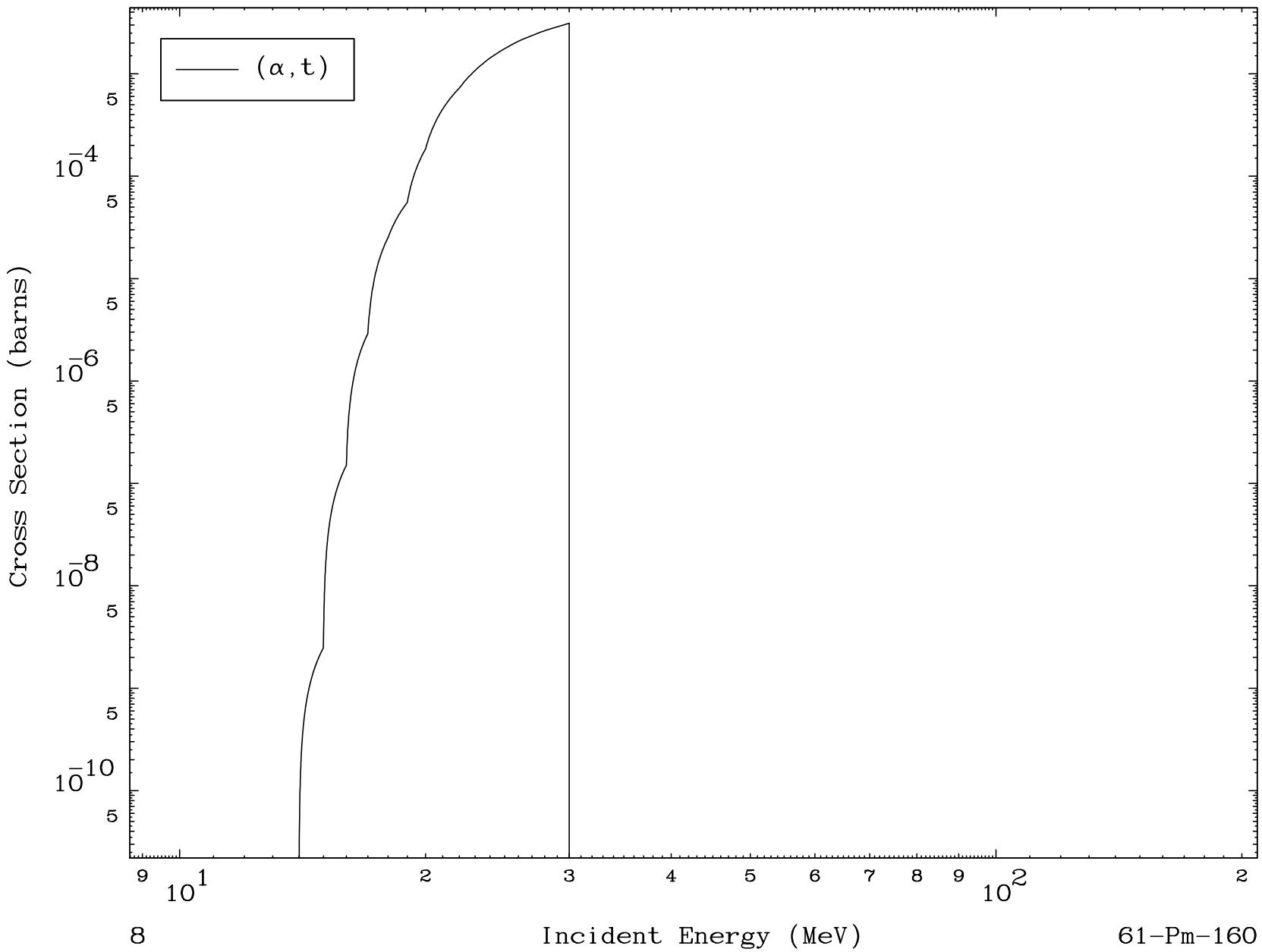

MAT 6188
α Charged Particle
0 Kelvin Cross Sections
61-Pm-160
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
61-Pm-160

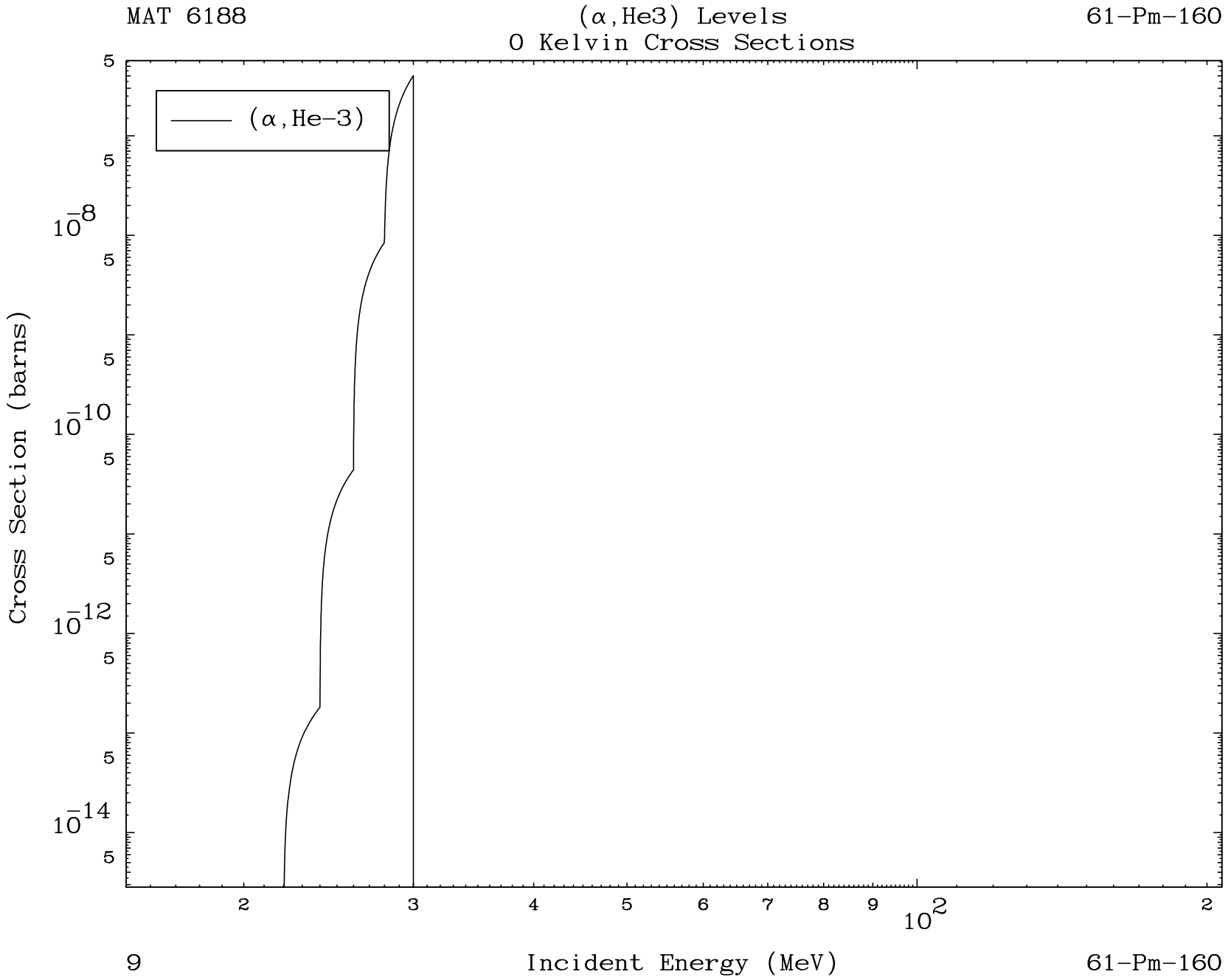

MAT 6188
α Charged Particle
0 Kelvin Cross Sections
61-Pm-160
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
4
61-Pm-160

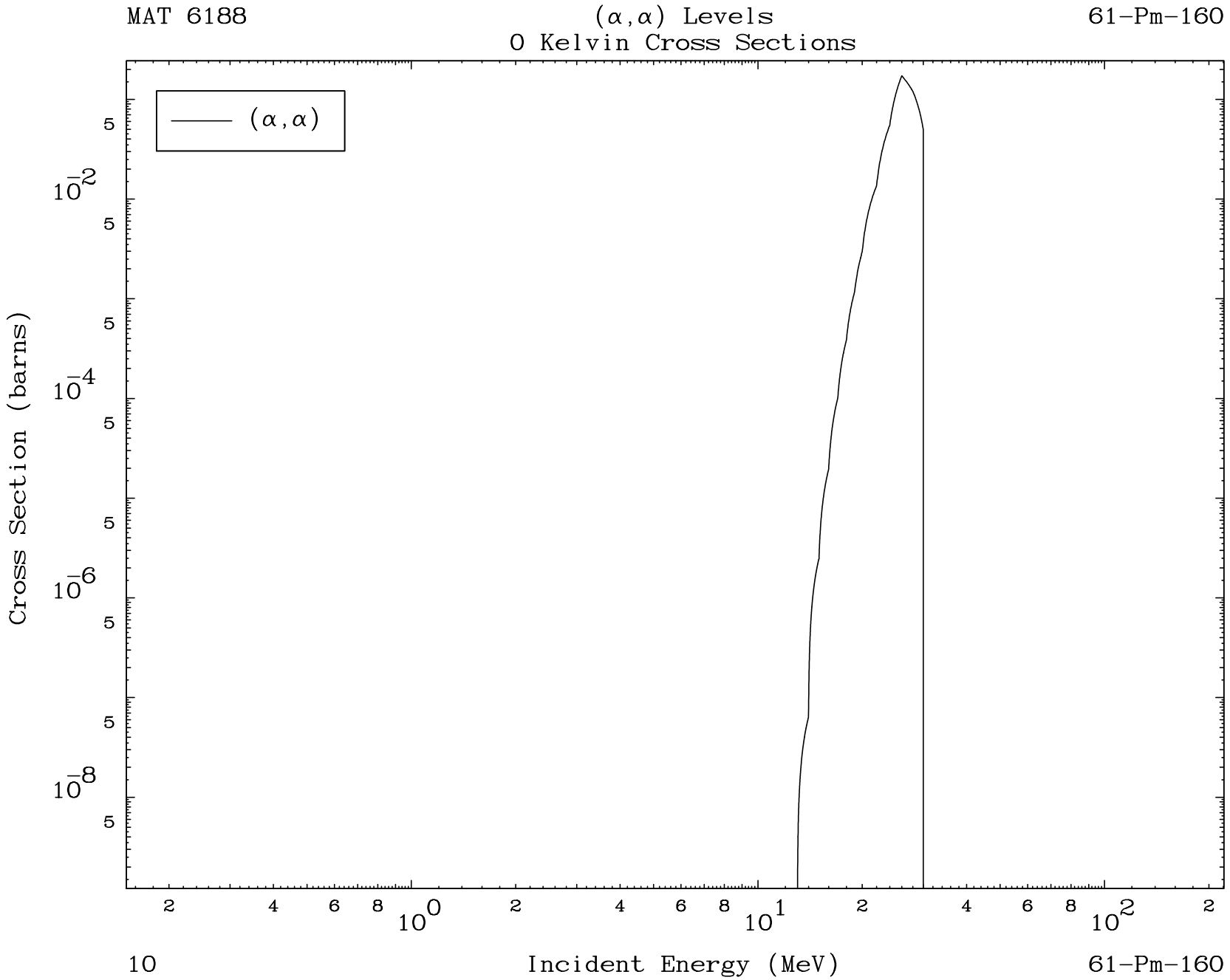

MAT 6188
(α,n') Level
61-Pm-160
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
4
6
8
10^1
2
4
6
8
10^2
2
5
Incident Energy (MeV)
61-Pm-160


MAT 6188
(α,p) Levels
61-Pm-160
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
61-Pm-160


MAT 6188
(α,d) Levels
61-Pm-160
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
7
61-Pm-160


0 Kelvin Cross Sections
(α,t)
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)


MAT 6188
(α,He3) Levels
61-Pm-160
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)
9
61-Pm-160


MAT 6188
(α,α) Levels
61-Pm-160
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)
61-Pm-160