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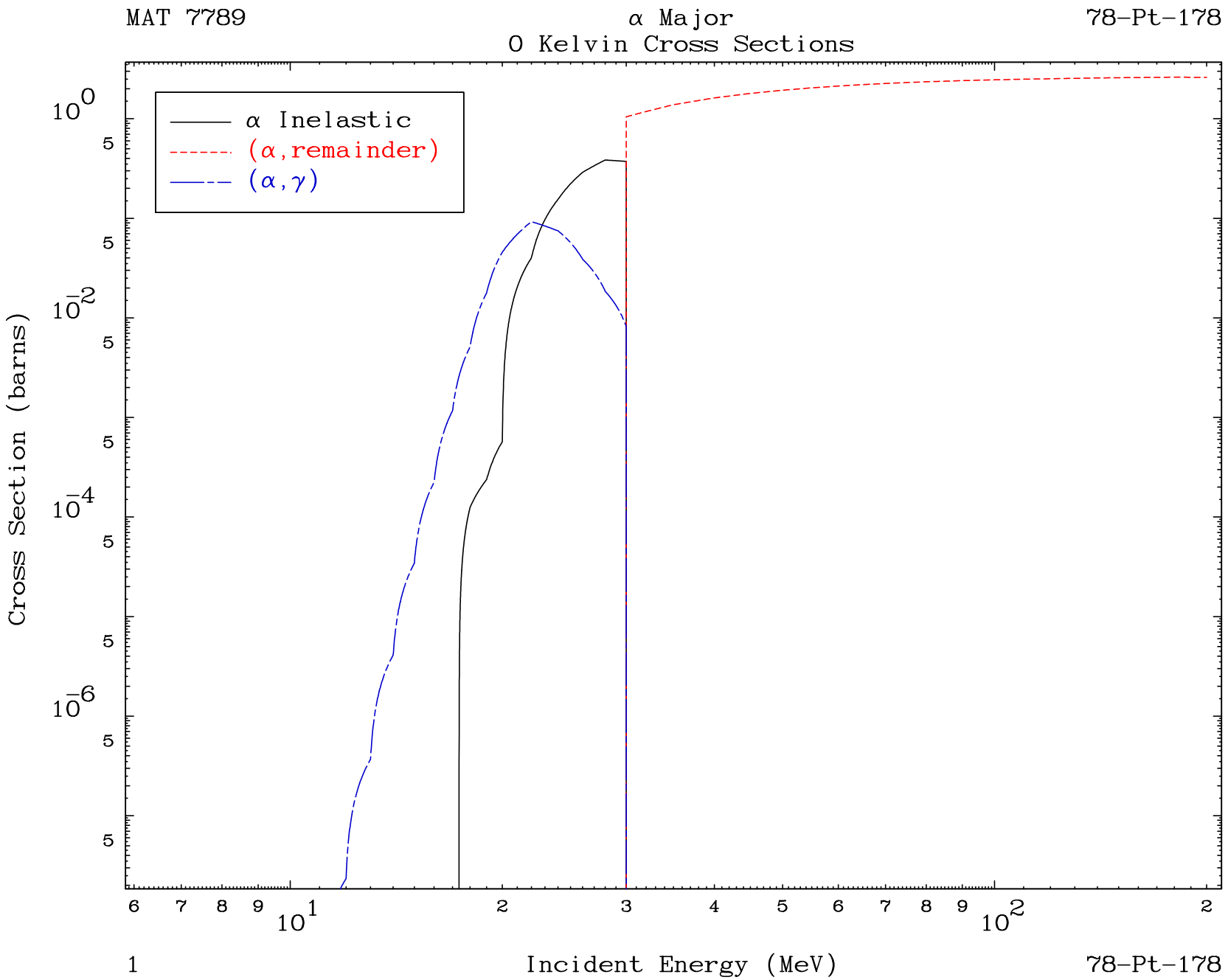
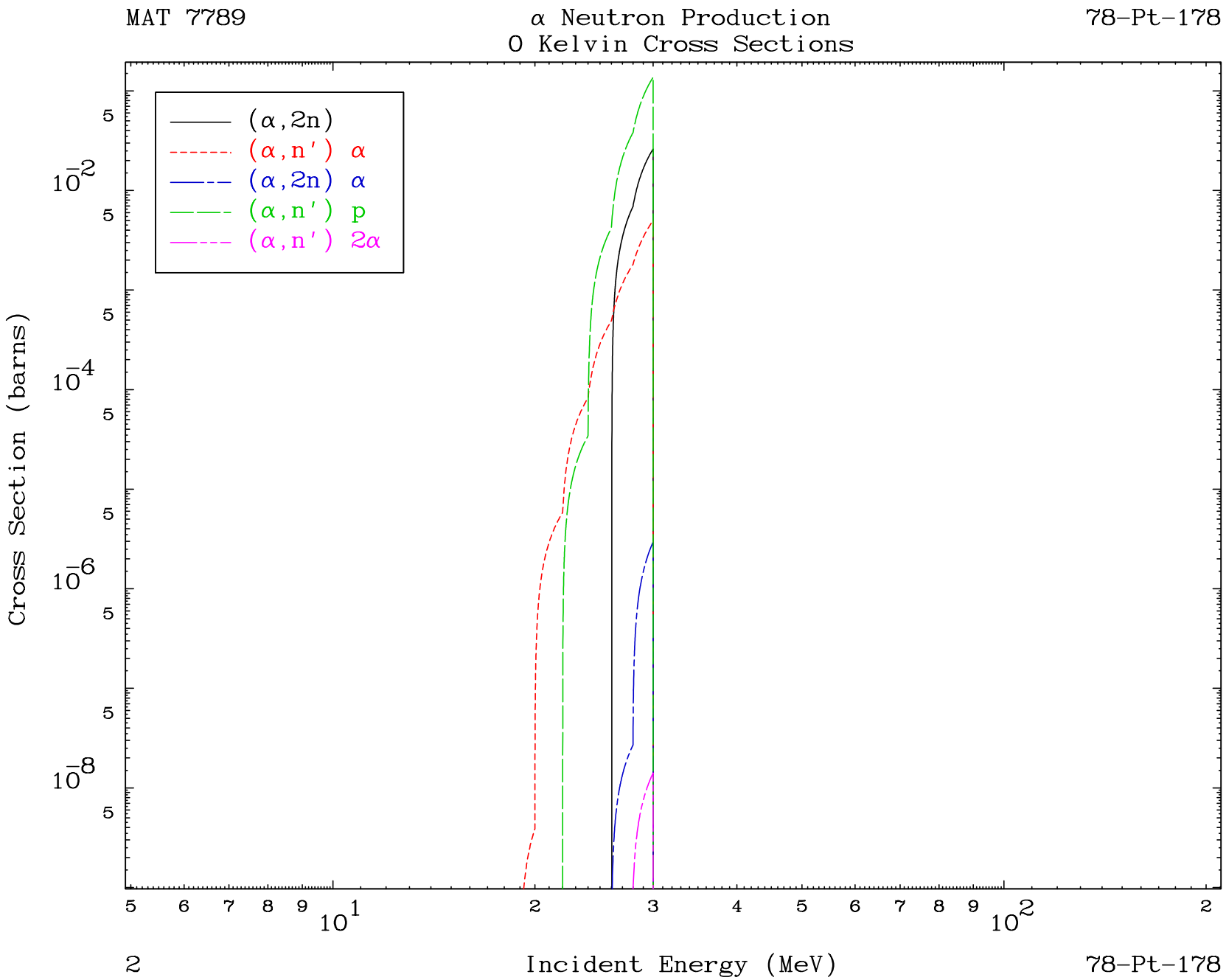
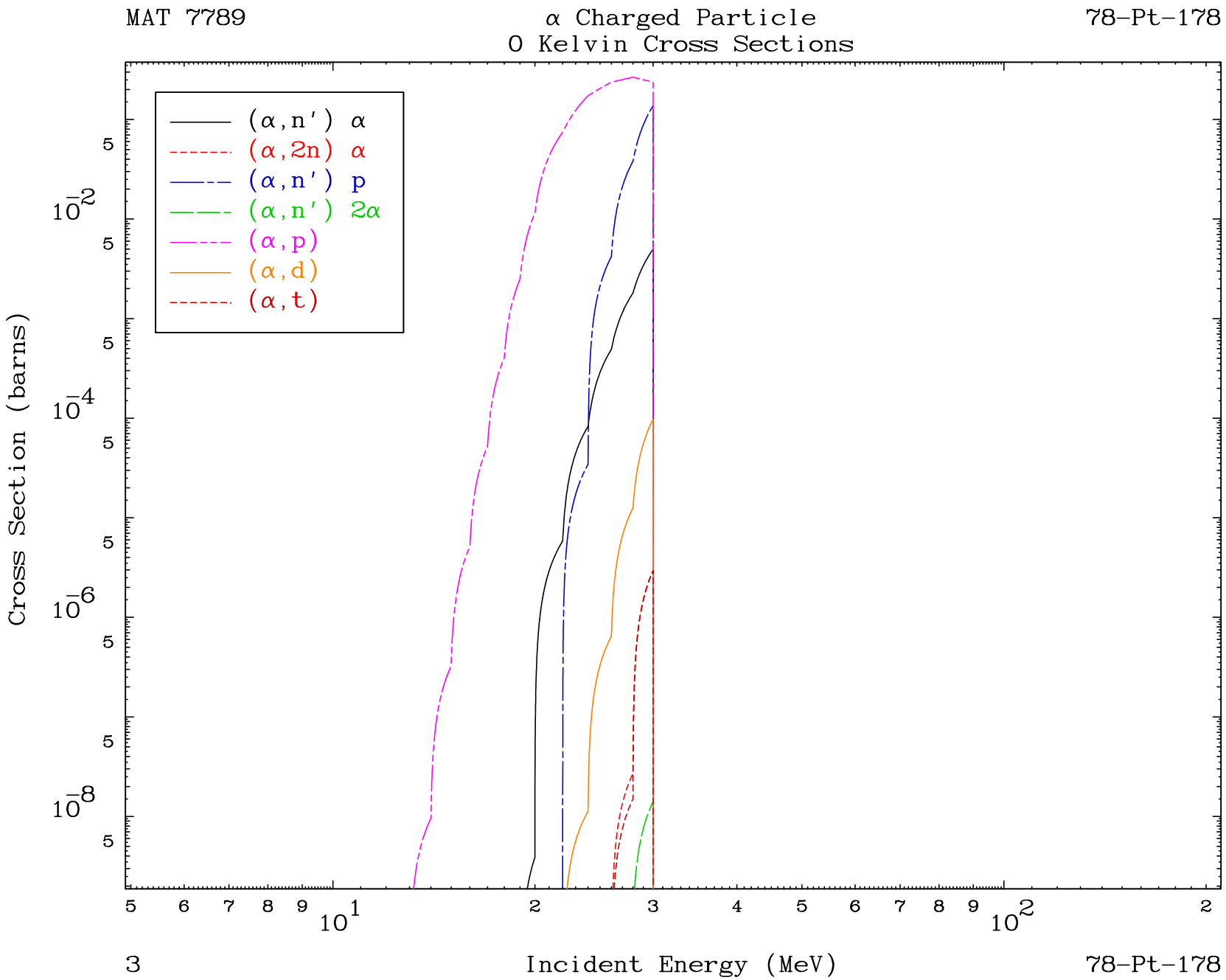
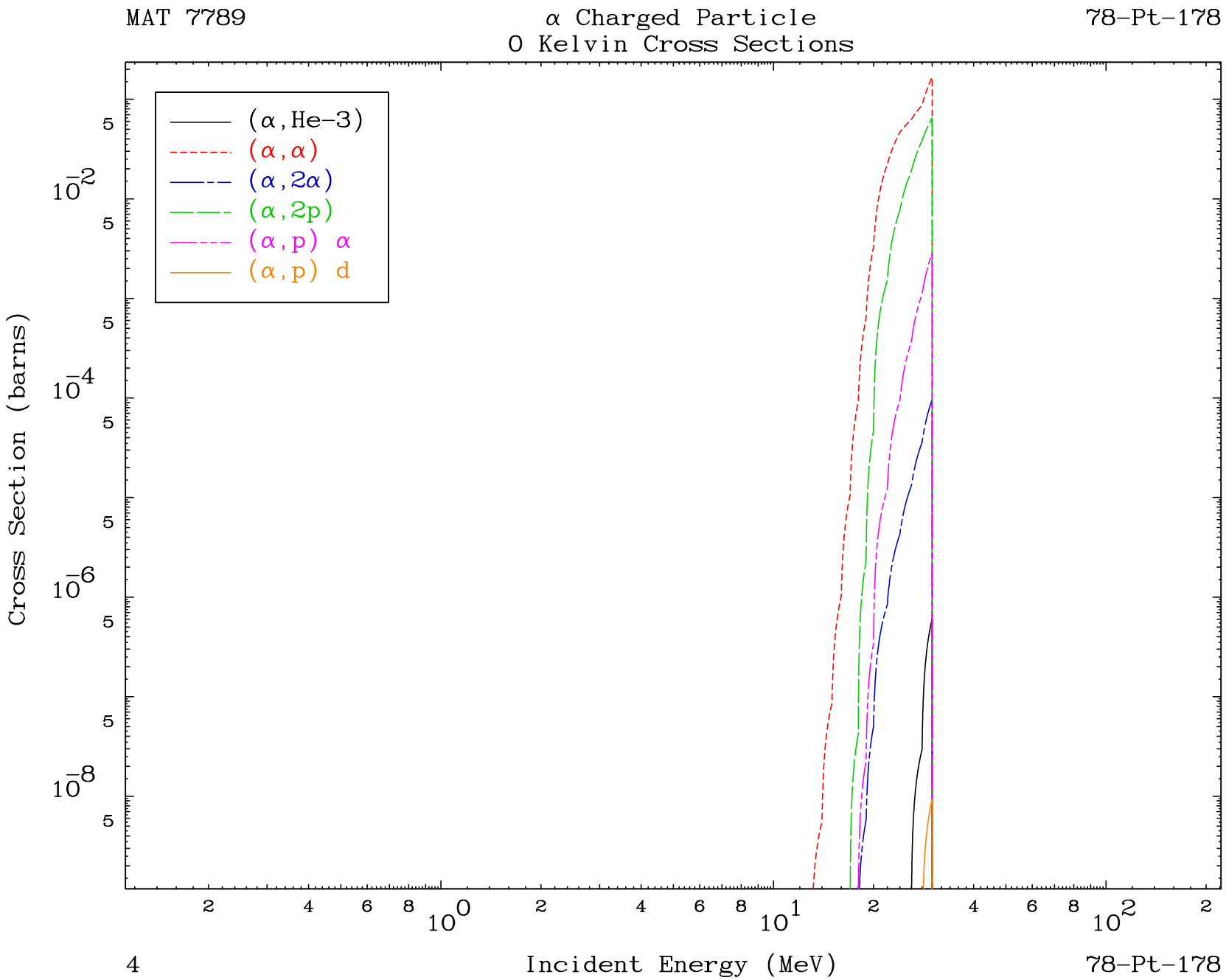
Press Mouse Button to Start

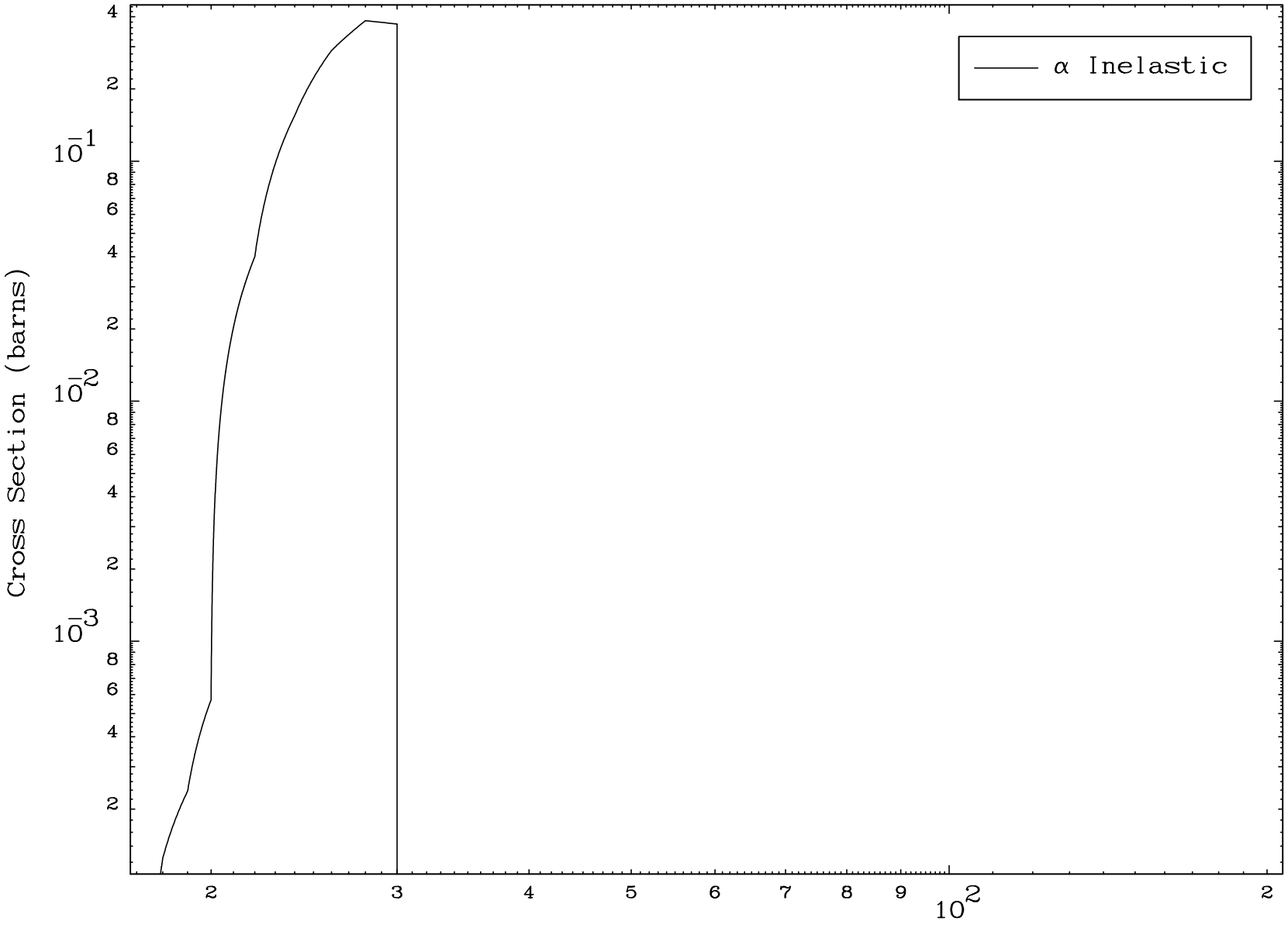

MAT 7789
α Major
78-Pt-178
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-178

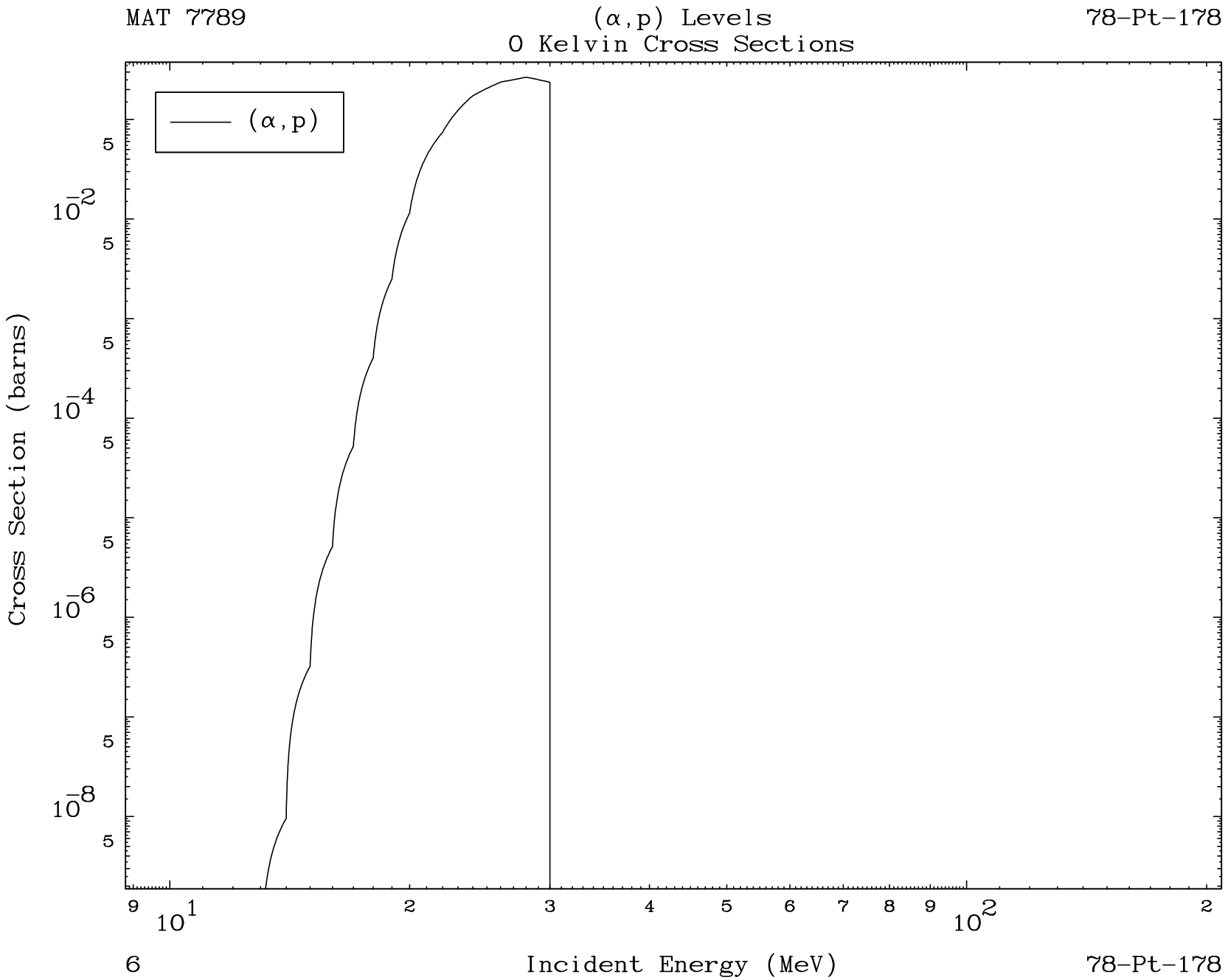

MAT 7789
α Neutron Production
0 Kelvin Cross Sections
78-Pt-178
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
78-Pt-178

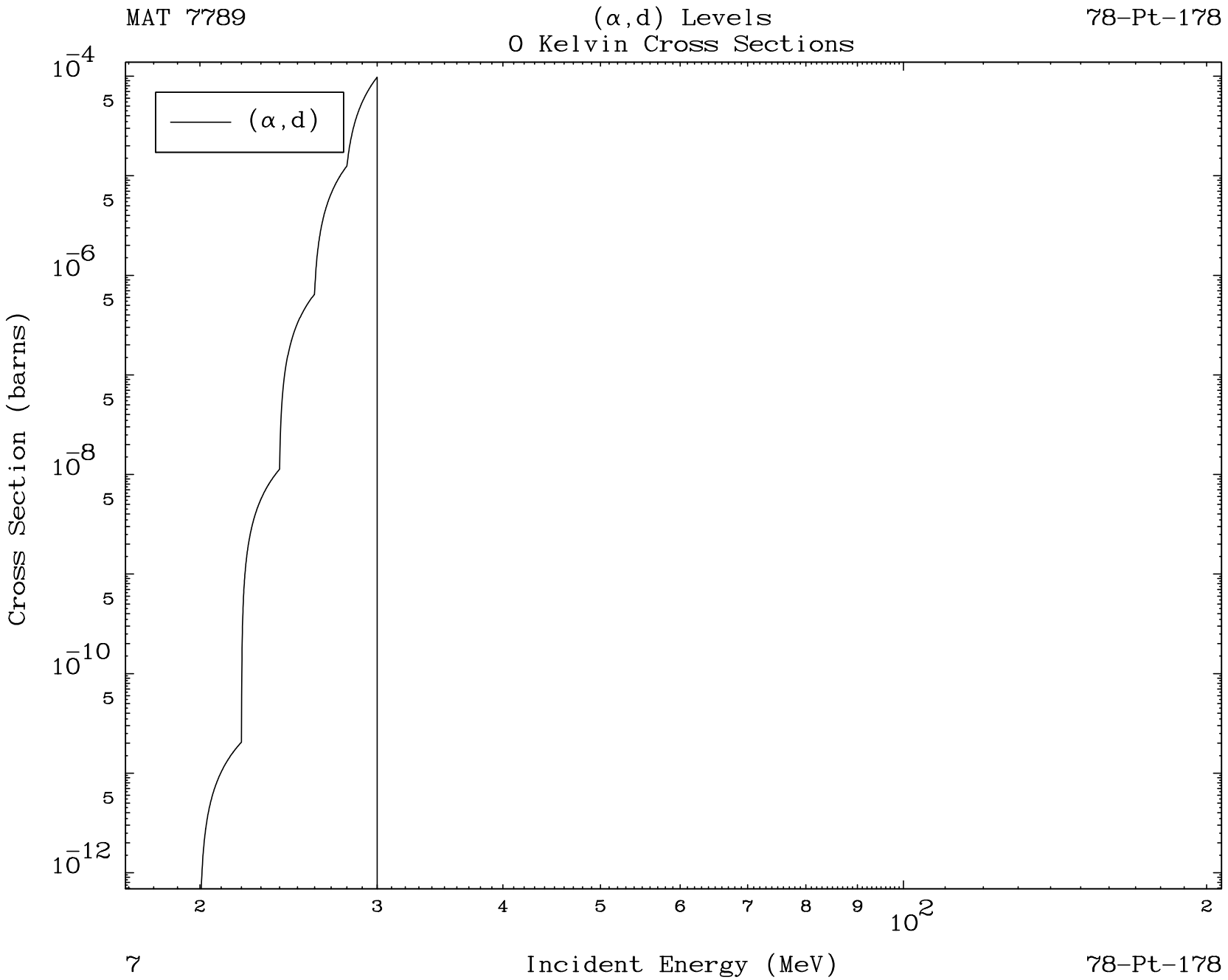

MAT 7789
α Charged Particle
0 Kelvin Cross Sections
78-Pt-178
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
78-Pt-178

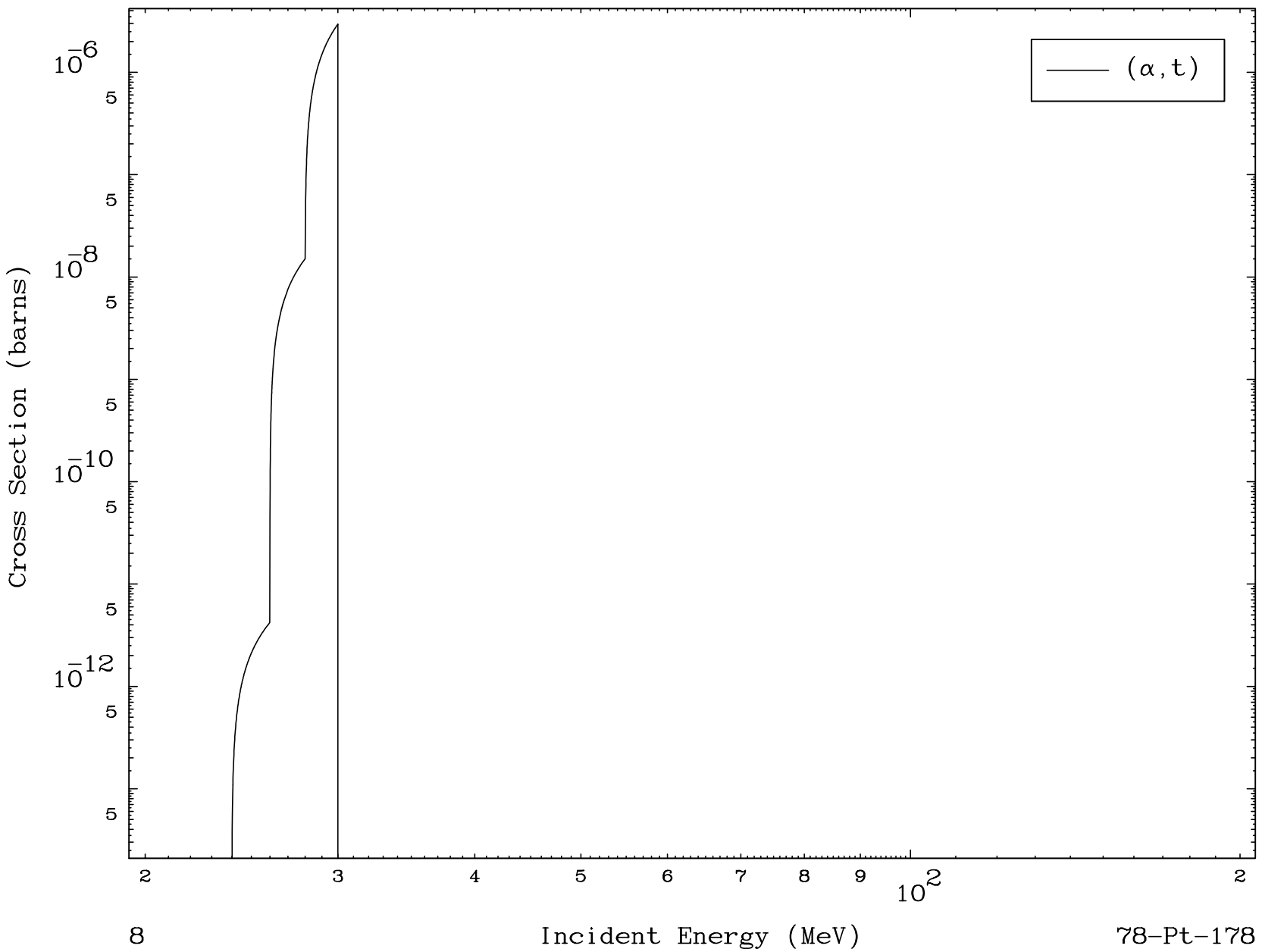

MAT 7789
α Charged Particle
0 Kelvin Cross Sections
78-Pt-178
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
78-Pt-178

0 Kelvin Cross Sections

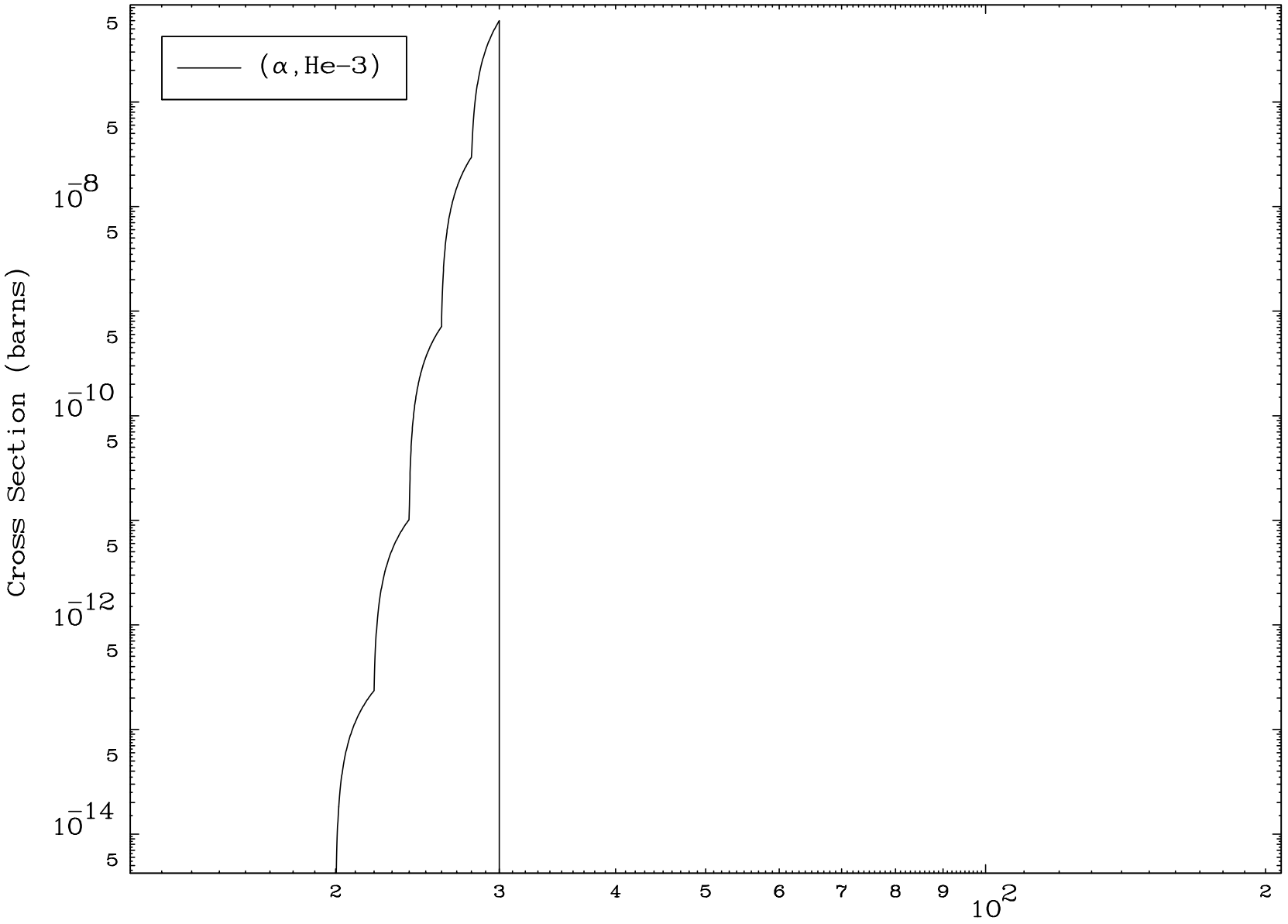


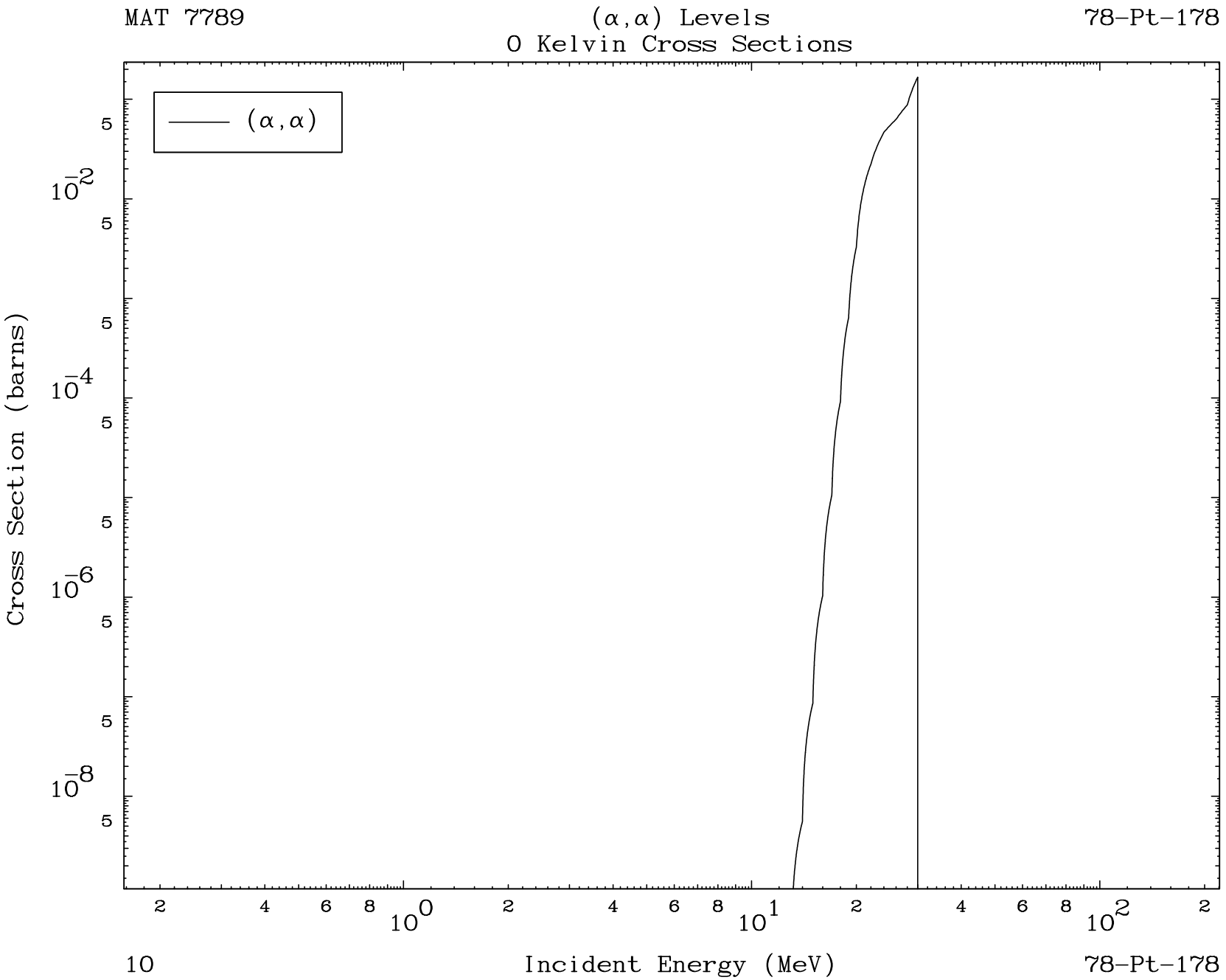

MAT 7789
(α,p) Levels
0 Kelvin Cross Sections
78-Pt-178
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
78-Pt-178


MAT 7789
(α,d) Levels
78-Pt-178
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
10-12
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
78-Pt-178


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

0 Kelvin Cross Sections




MAT 7789
(α,α) Levels
78-Pt-178
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)
10
78-Pt-178