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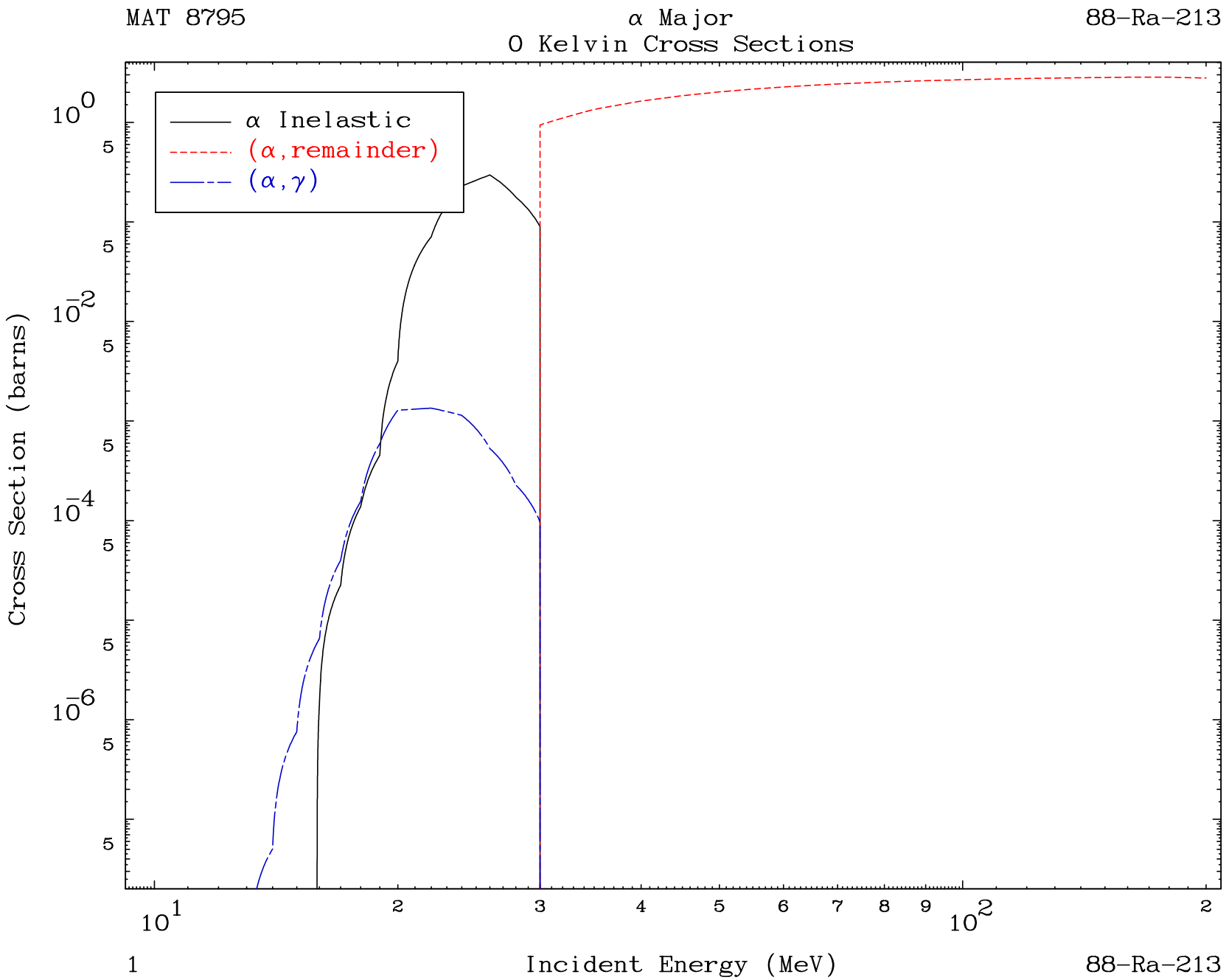
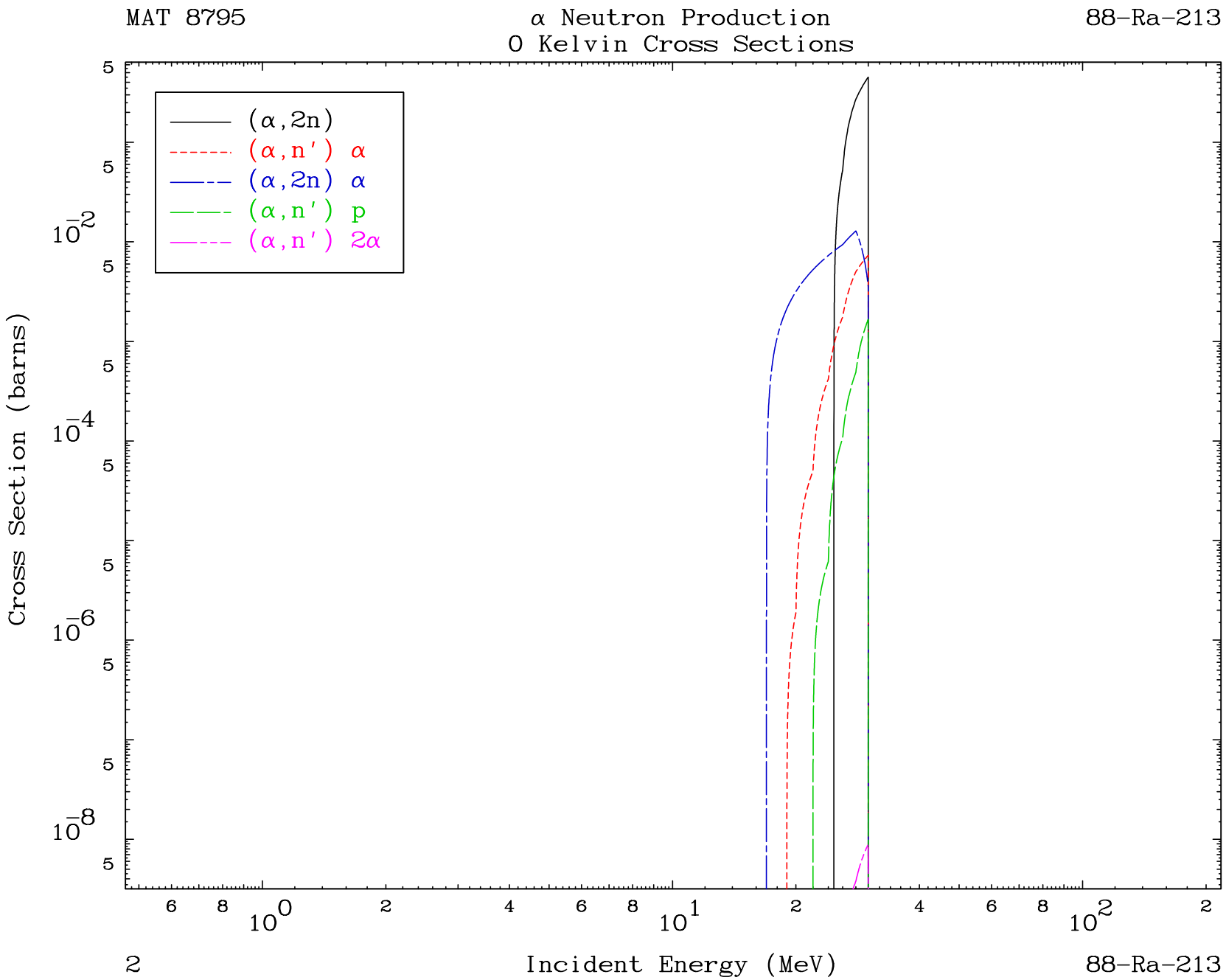
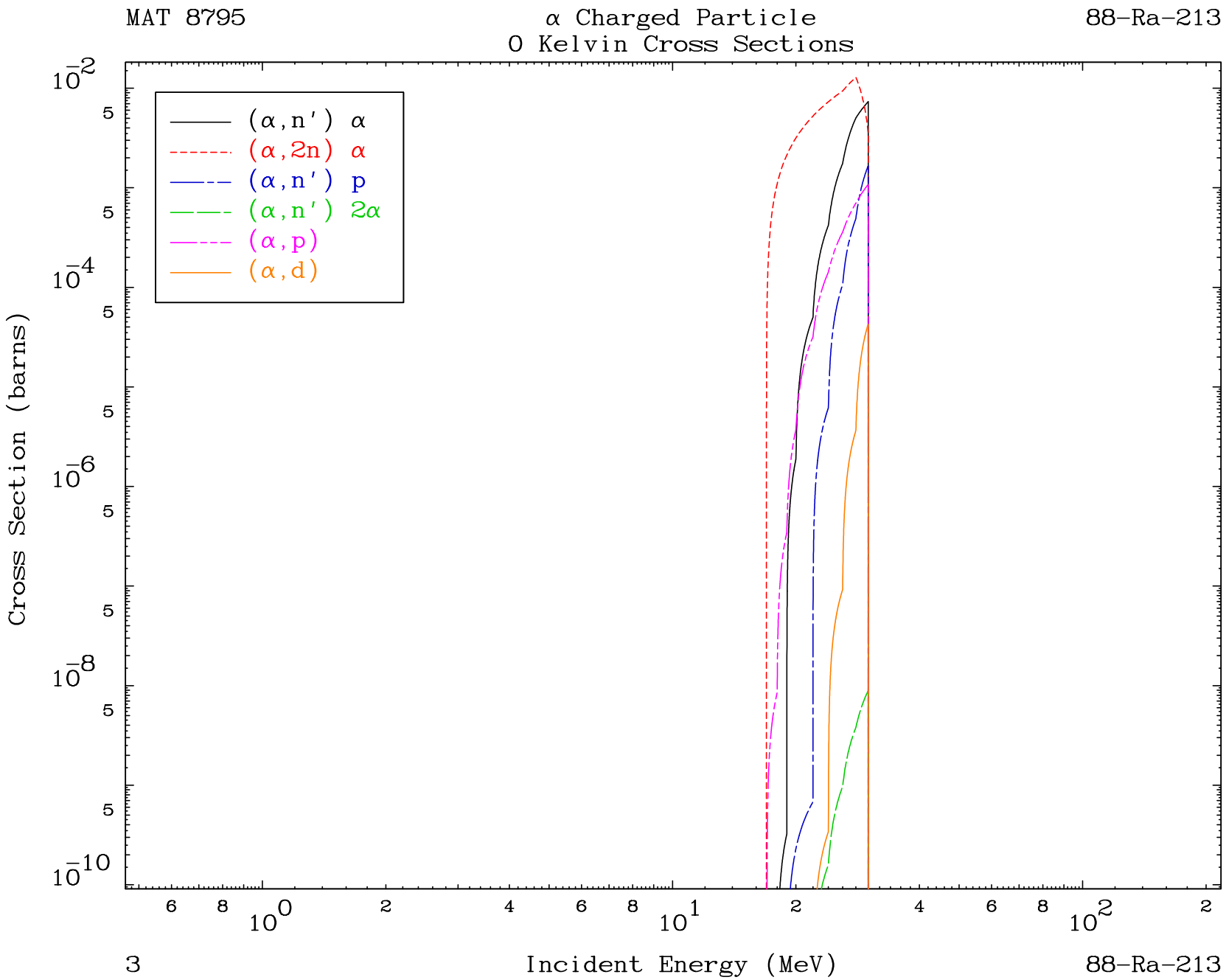
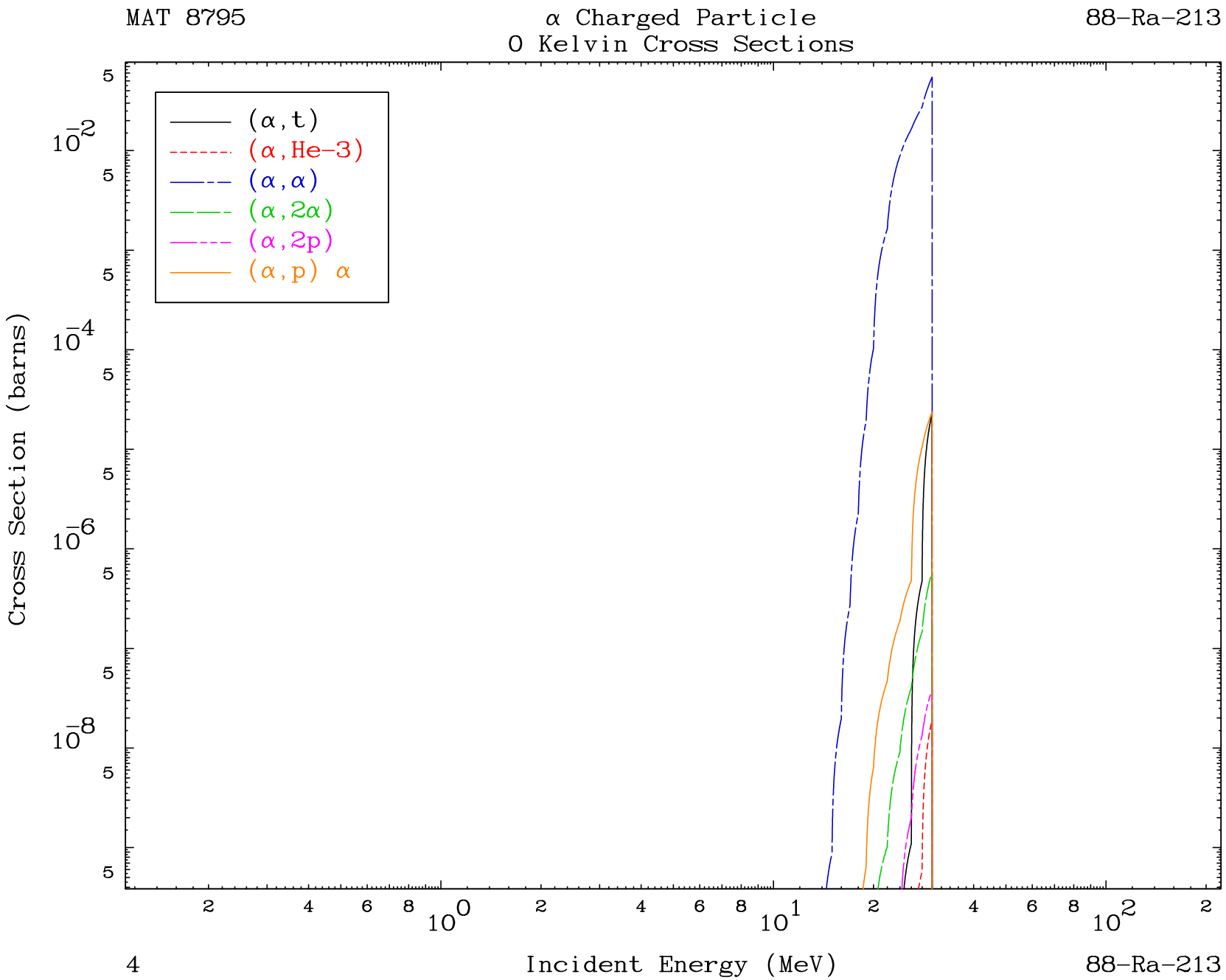
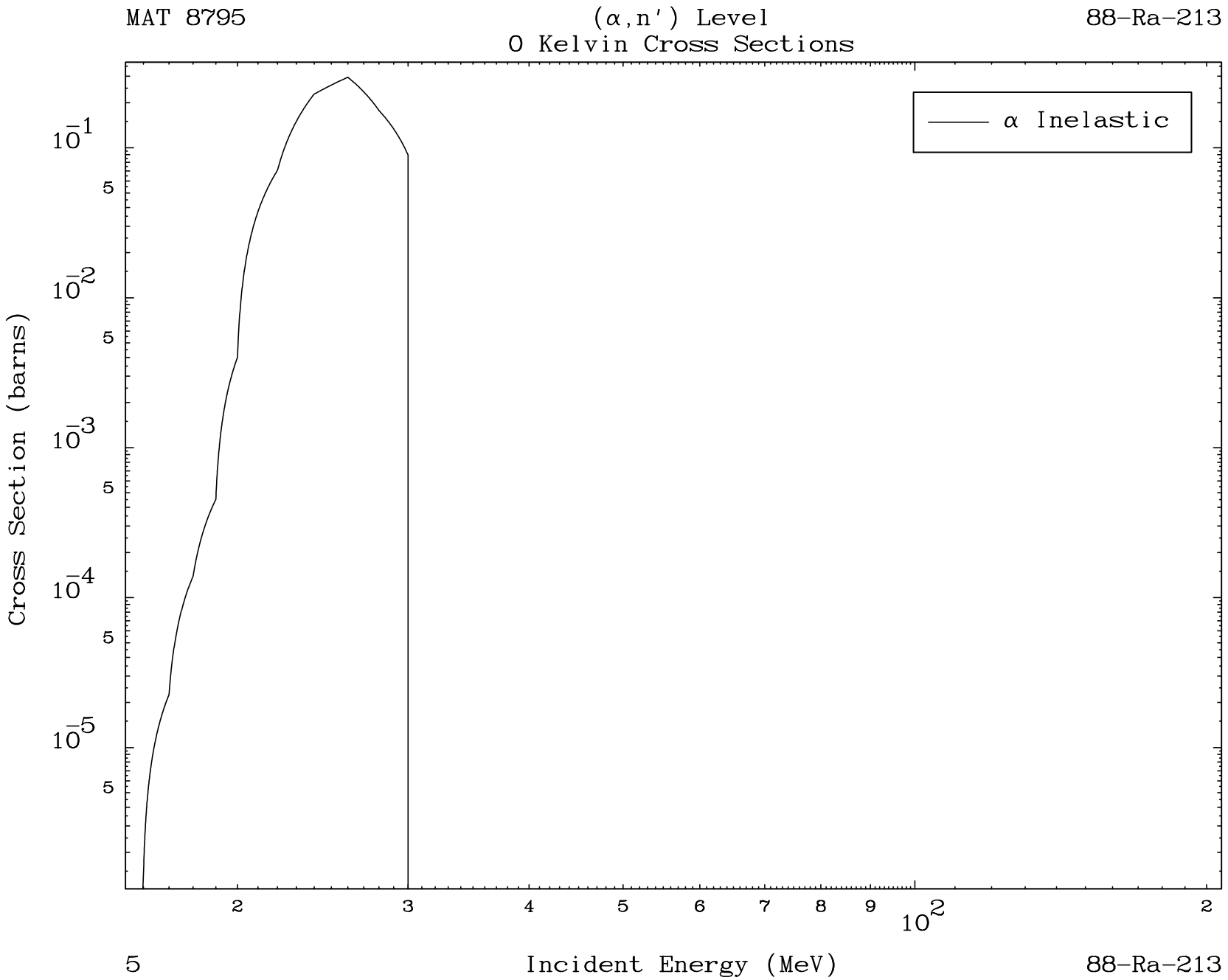
Press Mouse Button to Start

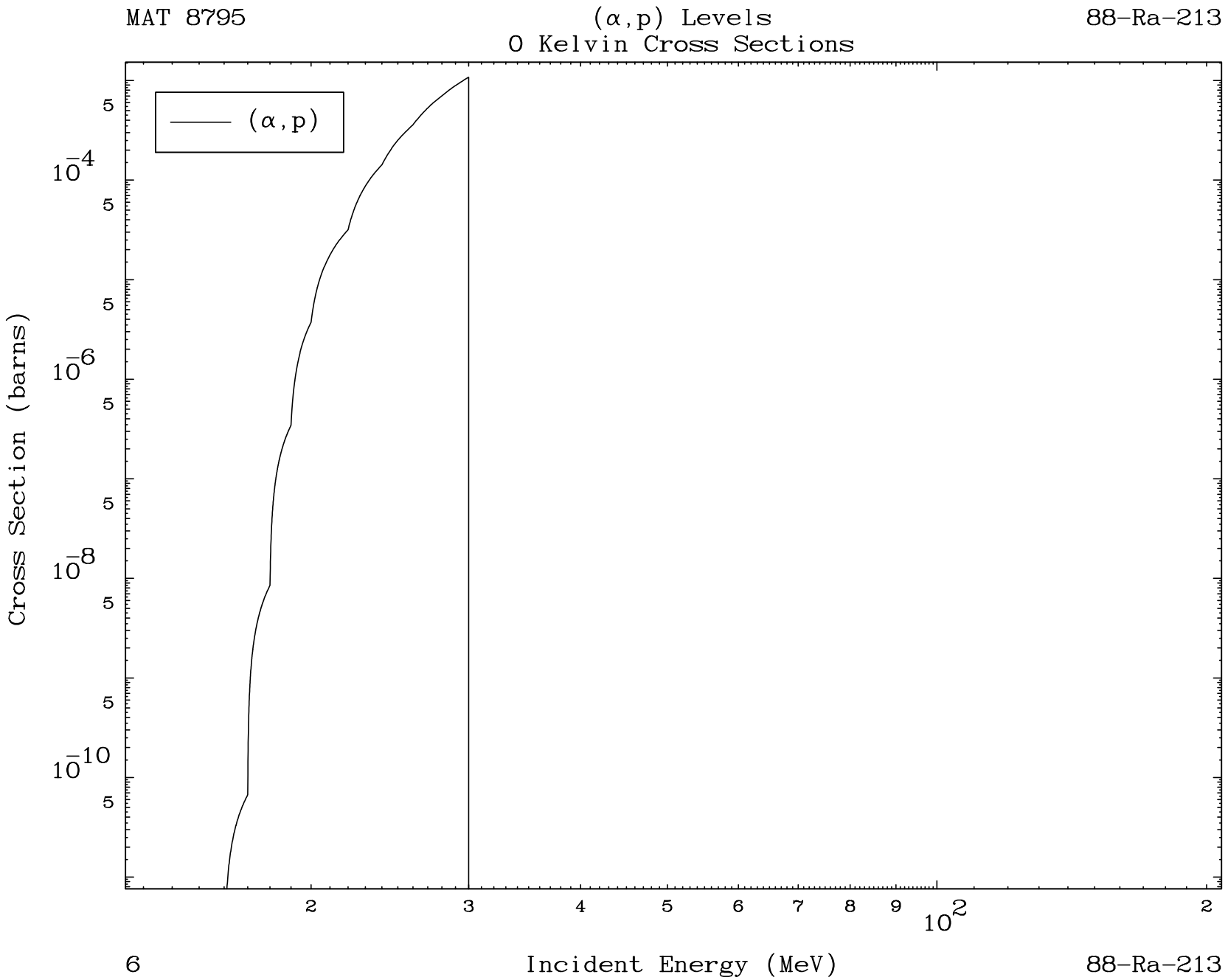

MAT 8795
α Major
88-Ra-213
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-213

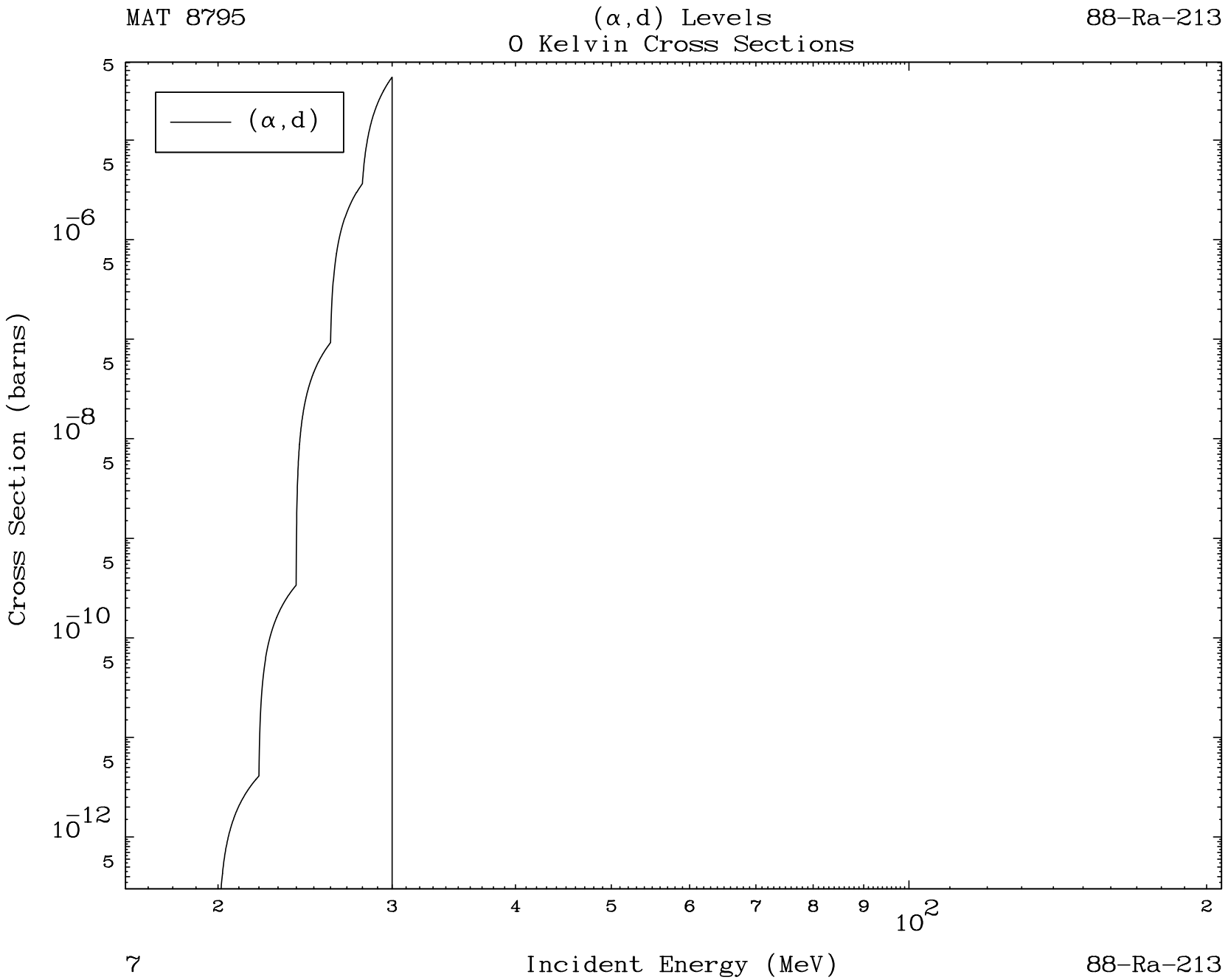

MAT 8795
α Neutron Production
0 Kelvin Cross Sections
88-Ra-213
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
Cross Section (barns)
Incident Energy (MeV)
88-Ra-213

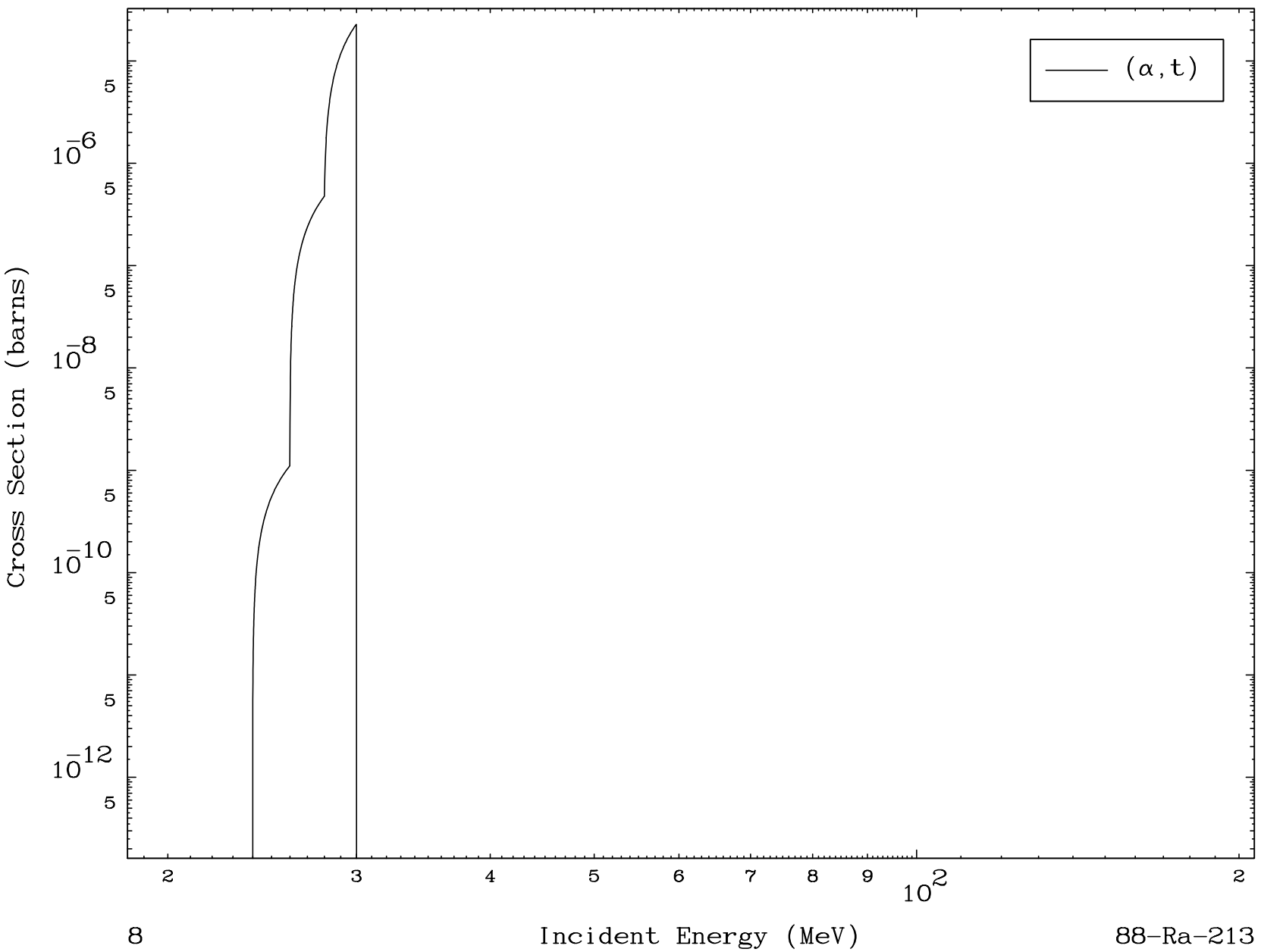

MAT 8795
α Charged Particle
0 Kelvin Cross Sections
88-Ra-213
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-213
3

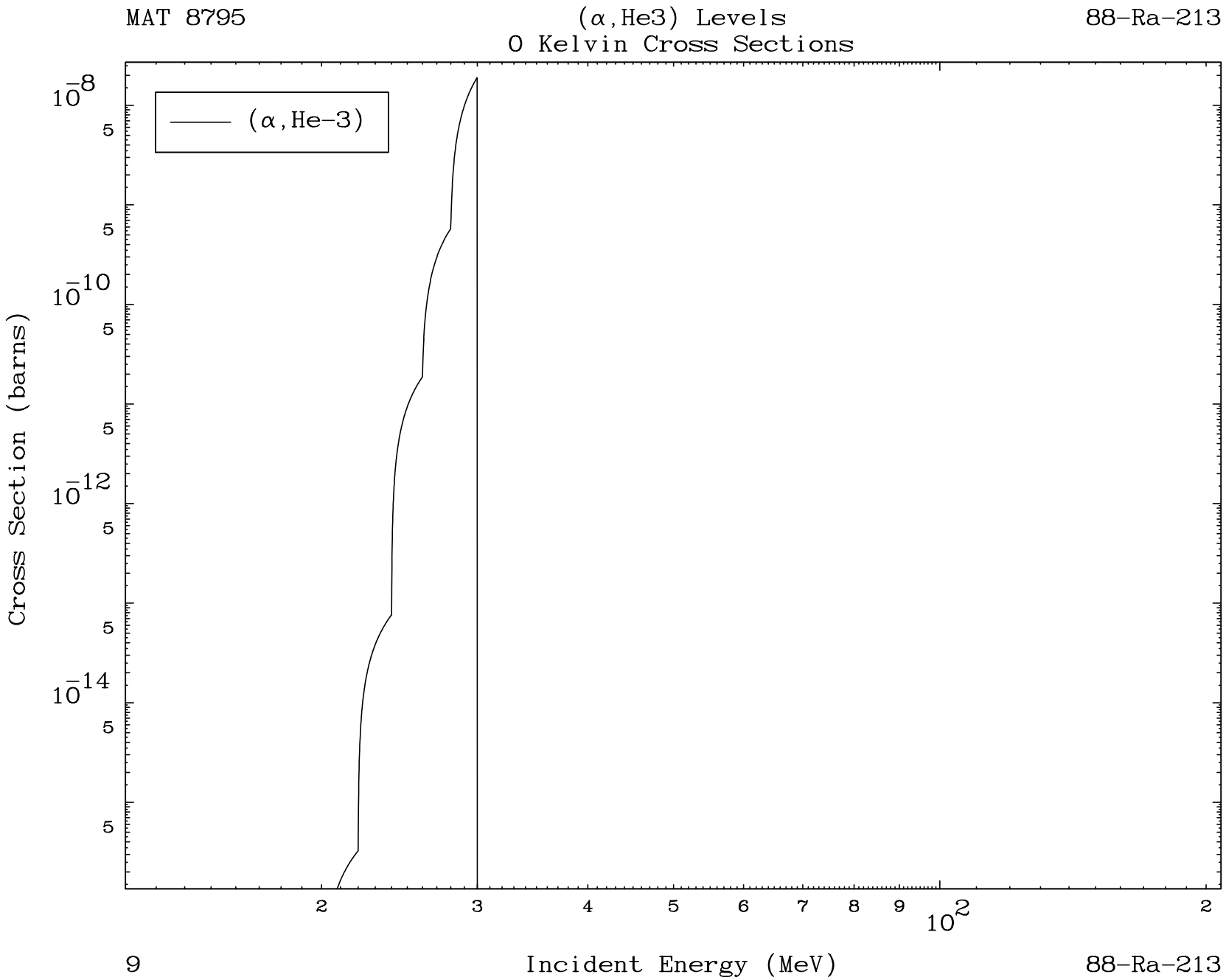

MAT 8795
α Charged Particle
0 Kelvin Cross Sections
88-Ra-213
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
88-Ra-213

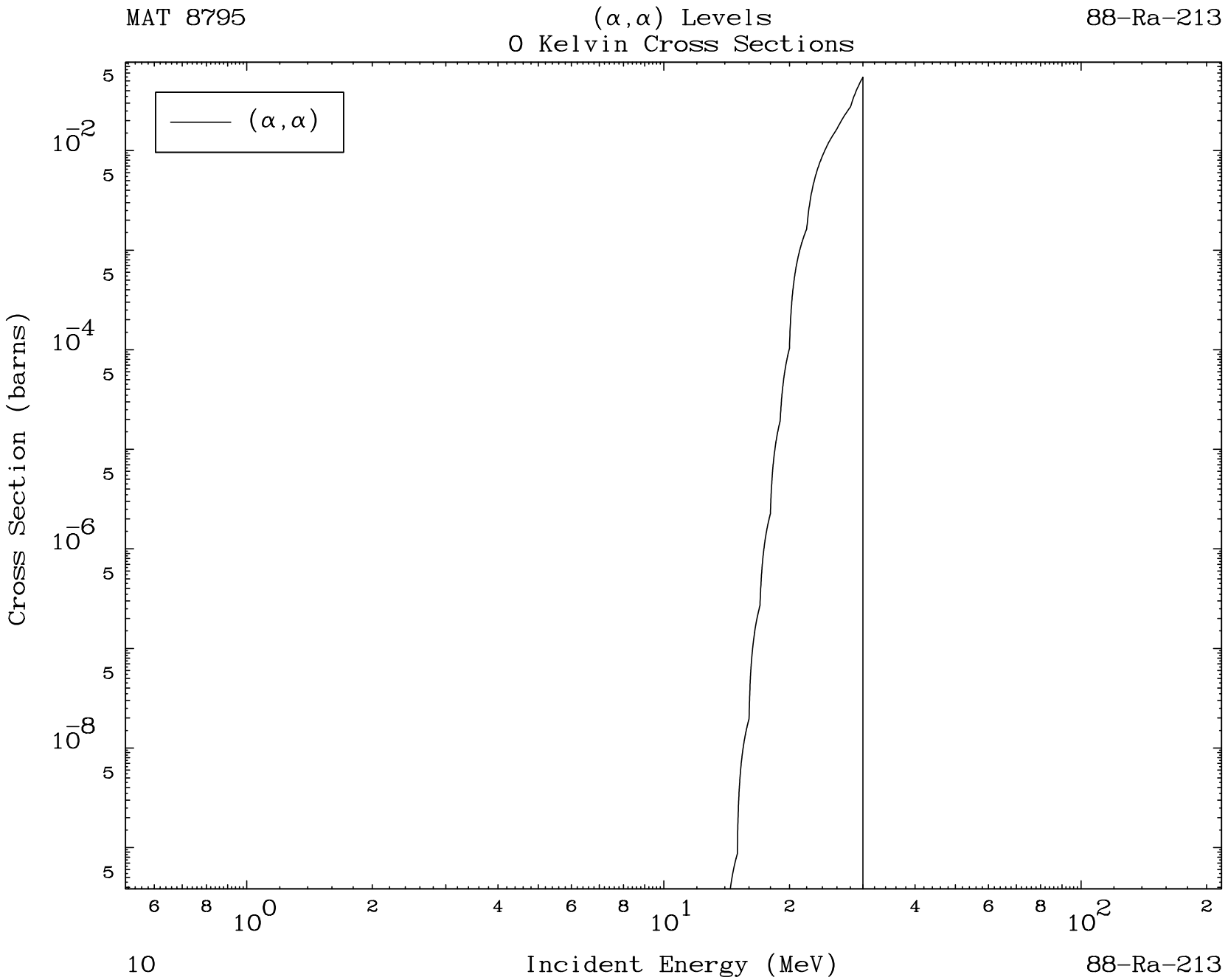

MAT 8795
(α,n') Level
88-Ra-213
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
88-Ra-213

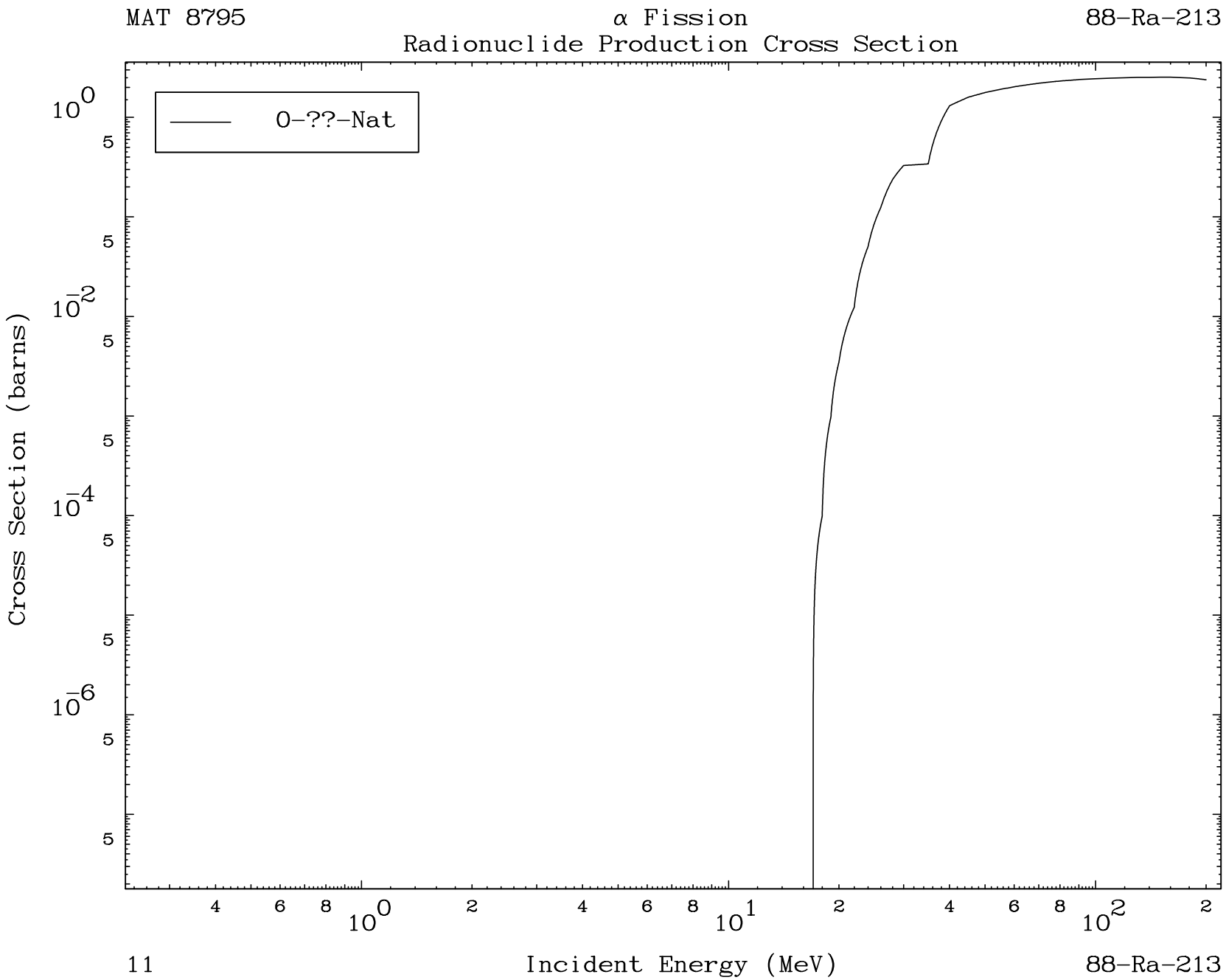

MAT 8795
(α,p) Levels
88-Ra-213
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
88-Ra-213


MAT 8795
(α,d) Levels
88-Ra-213
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10+2
Incident Energy (MeV)
7
88-Ra-213


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)


MAT 8795
(α,He3) Levels
88-Ra-213
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
9
Incident Energy (MeV)
88-Ra-213


MAT 8795
(α,α) Levels
88-Ra-213
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-213


MAT 8795
α Fission
88-Ra-213
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^0
10^1
10^2
Incident Energy (MeV)
11
88-Ra-213