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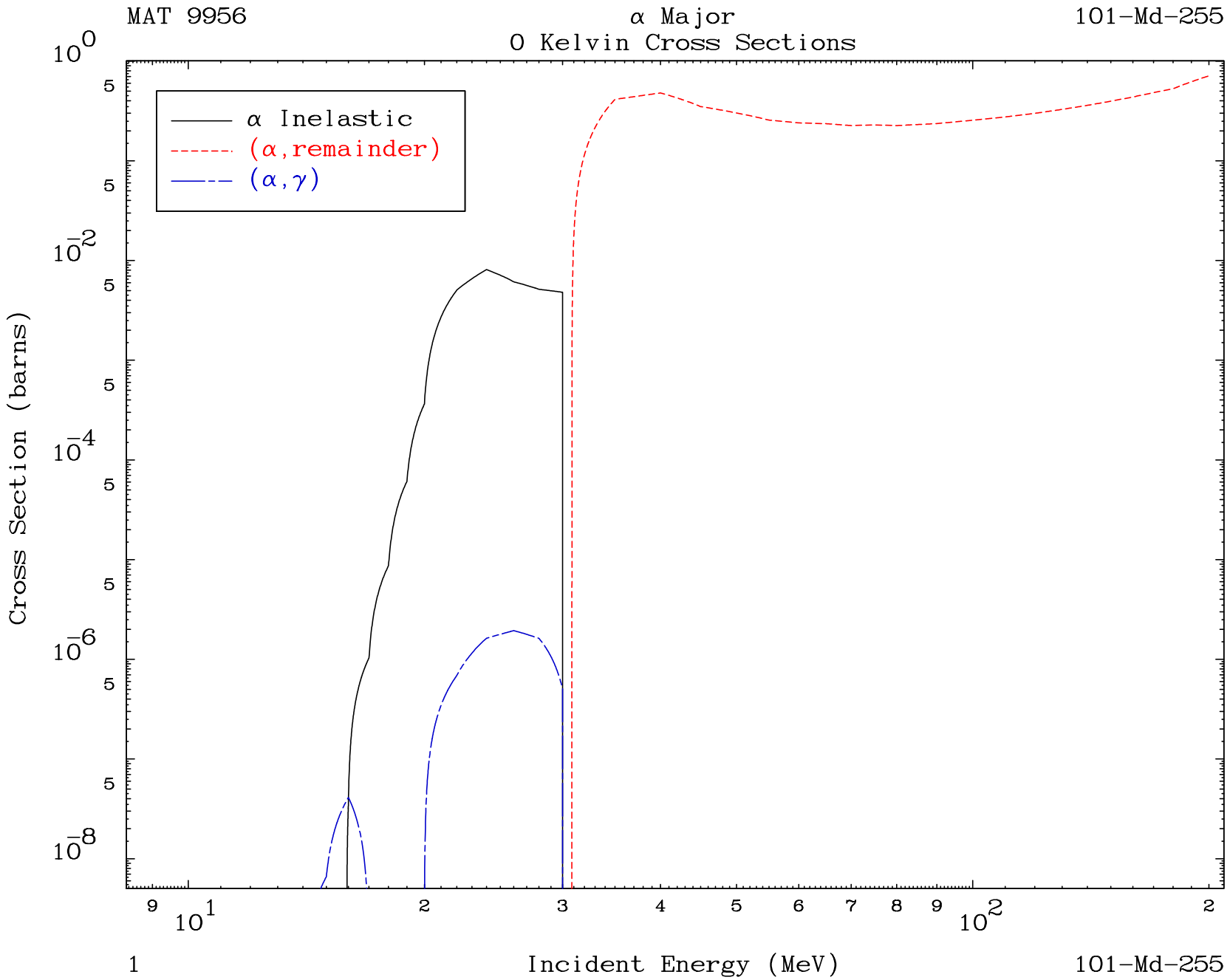
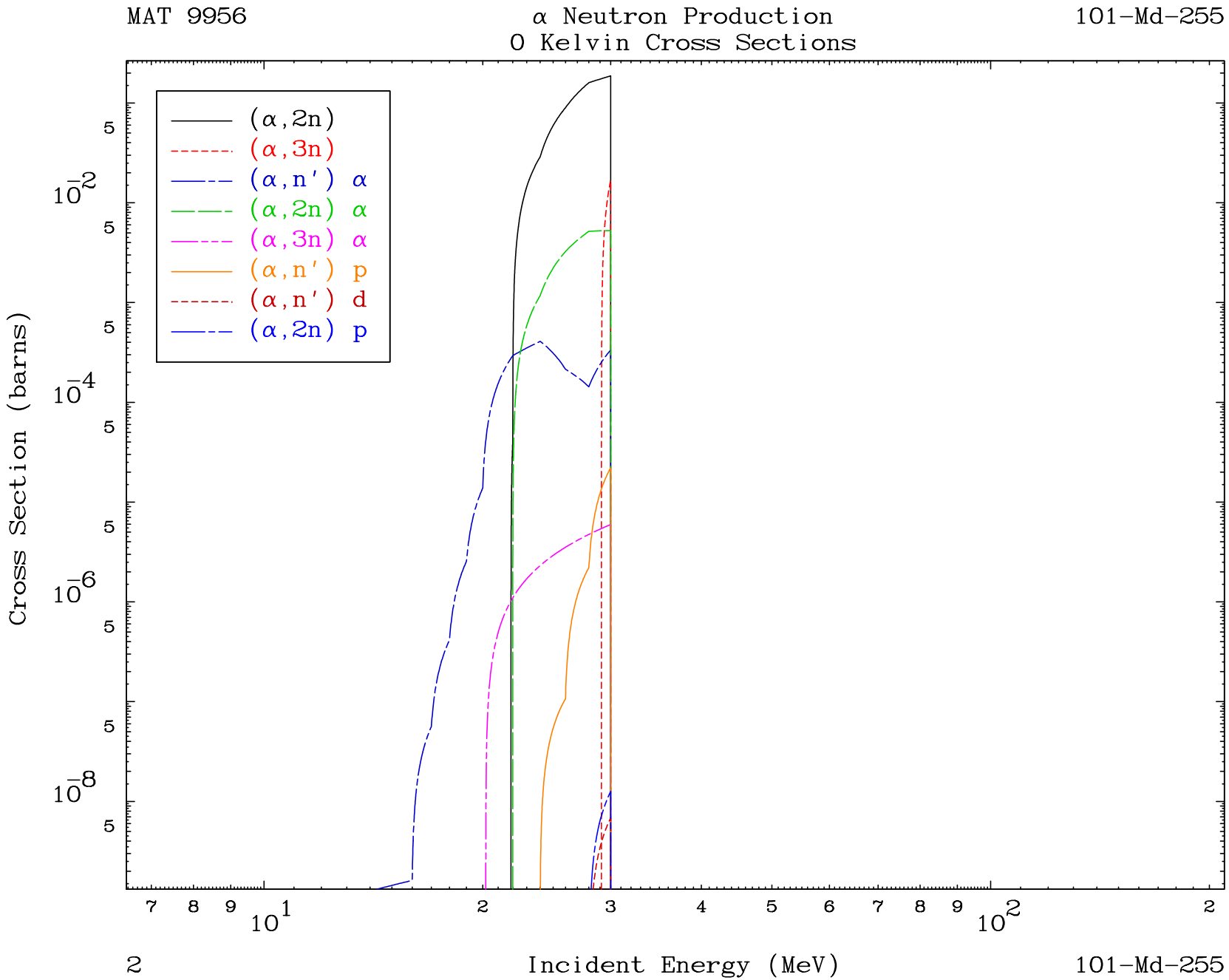
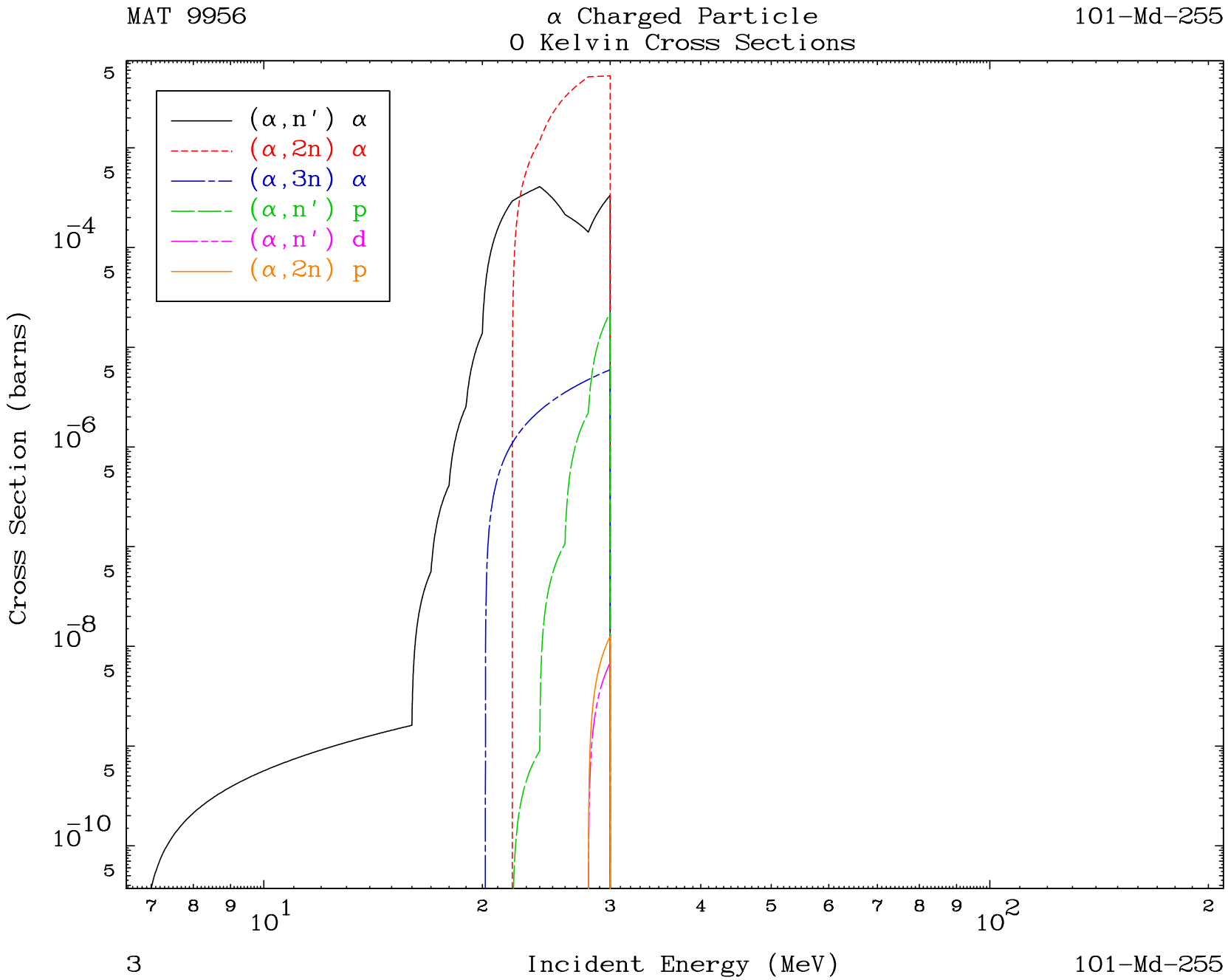
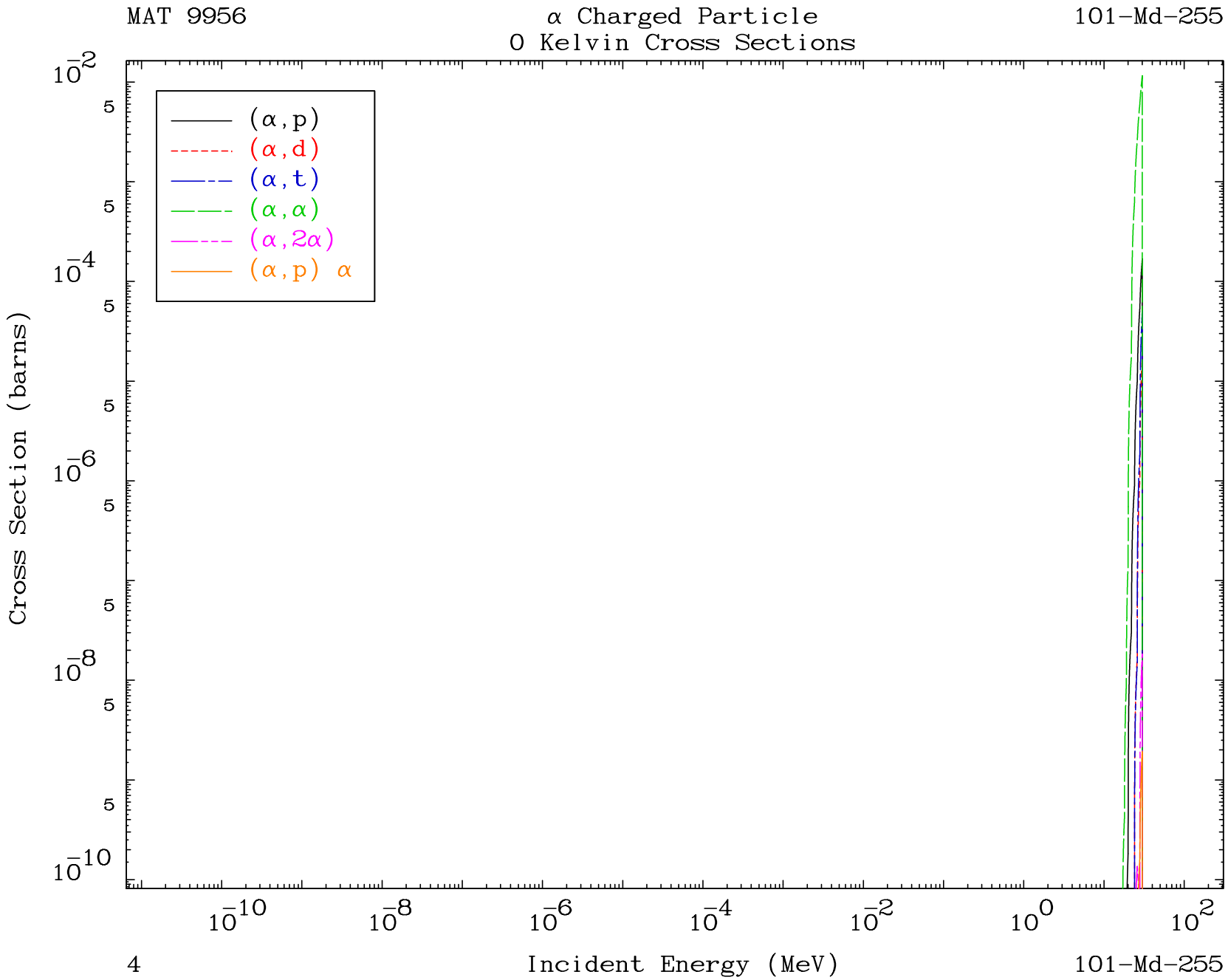
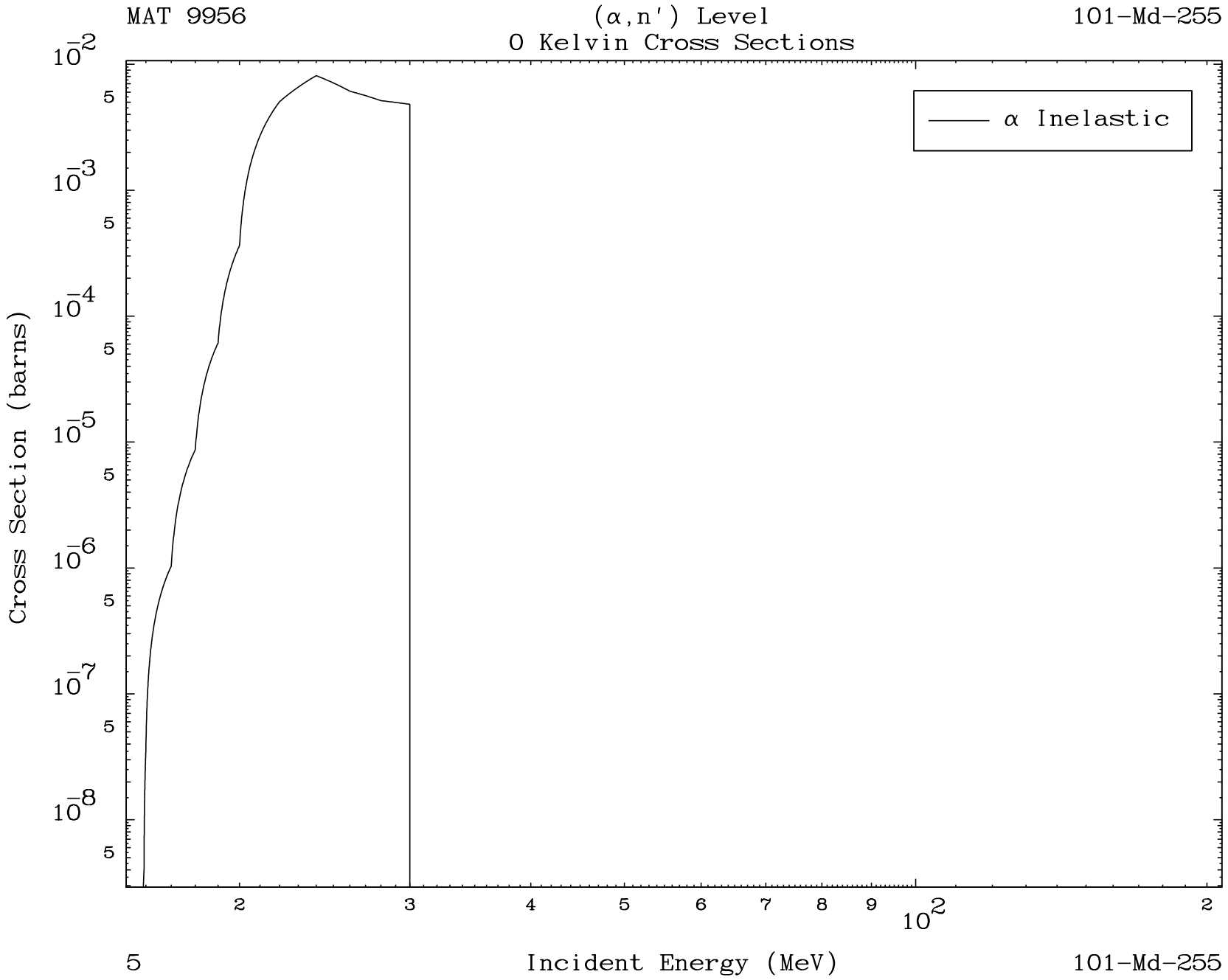
Press Mouse Button to Start

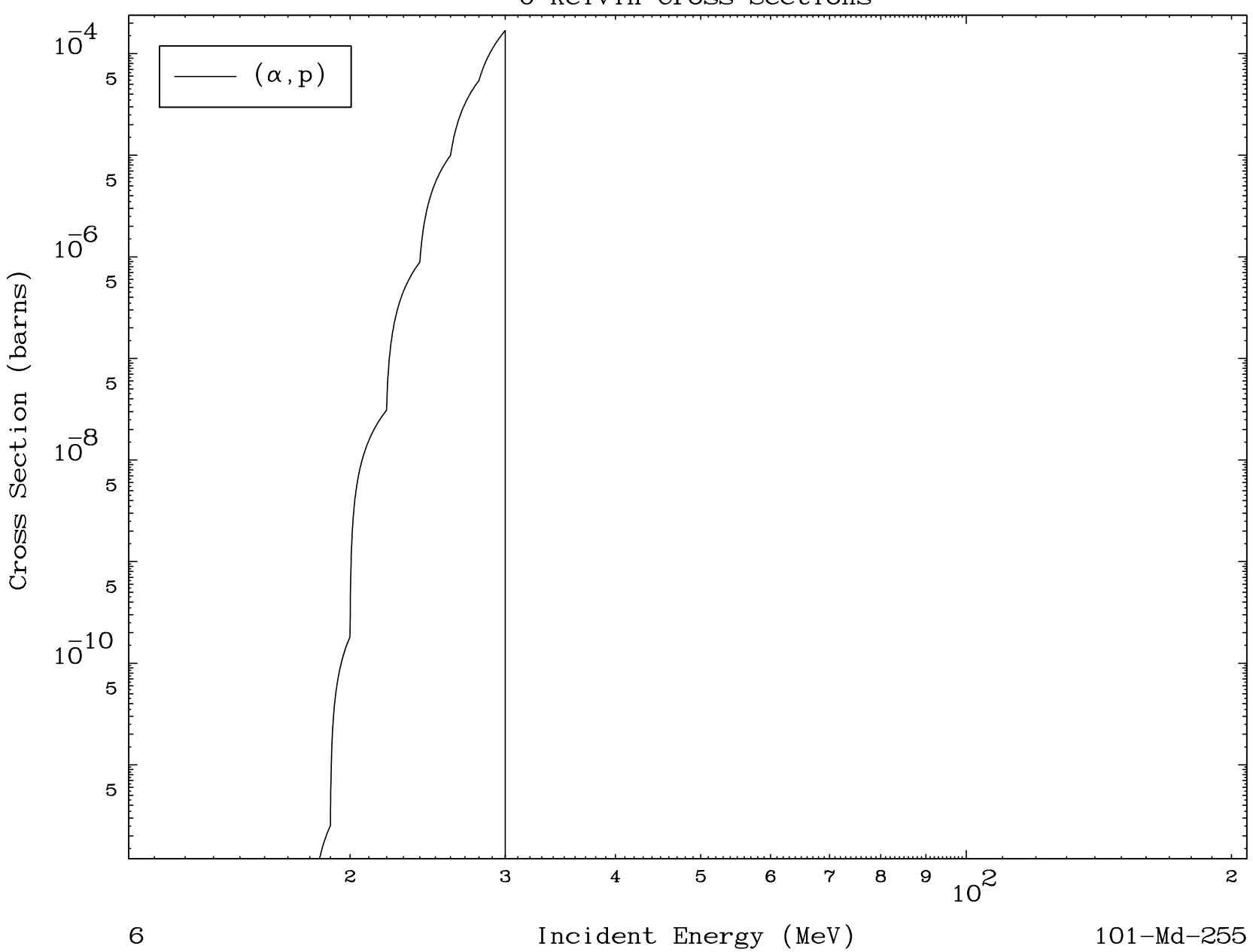

MAT 9956
α Major
101-Md-255
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
101-Md-255

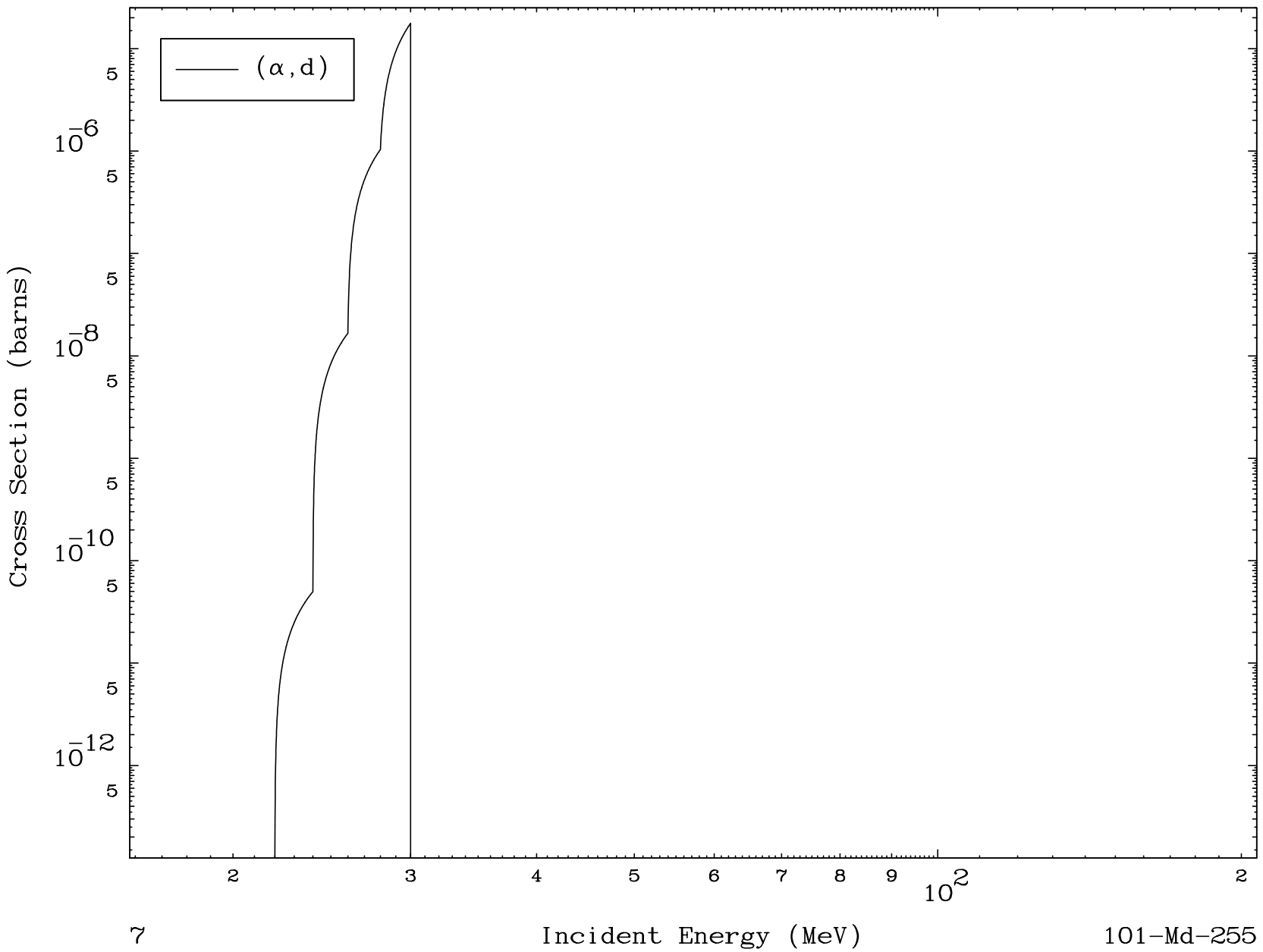

MAT 9956
α Neutron Production
0 Kelvin Cross Sections
101-Md-255
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
101-Md-255


MAT 9956
α Charged Particle
0 Kelvin Cross Sections
101-Md-255
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
101-Md-255

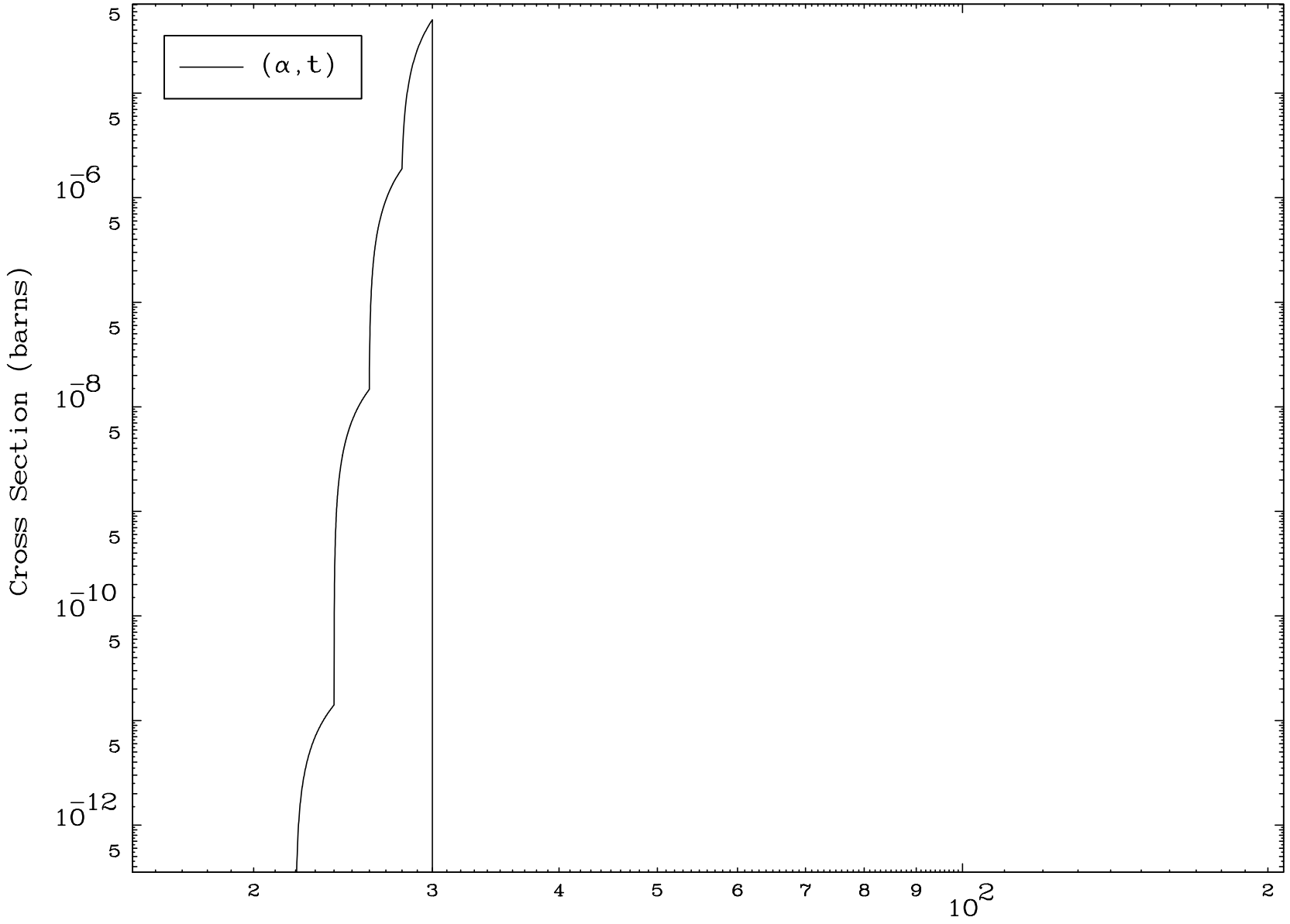

MAT 9956
α Charged Particle
0 Kelvin Cross Sections
101-Md-255
(α,p)
(α,d)
(α,t)
(α,α)
(α,2α)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
101-Md-255

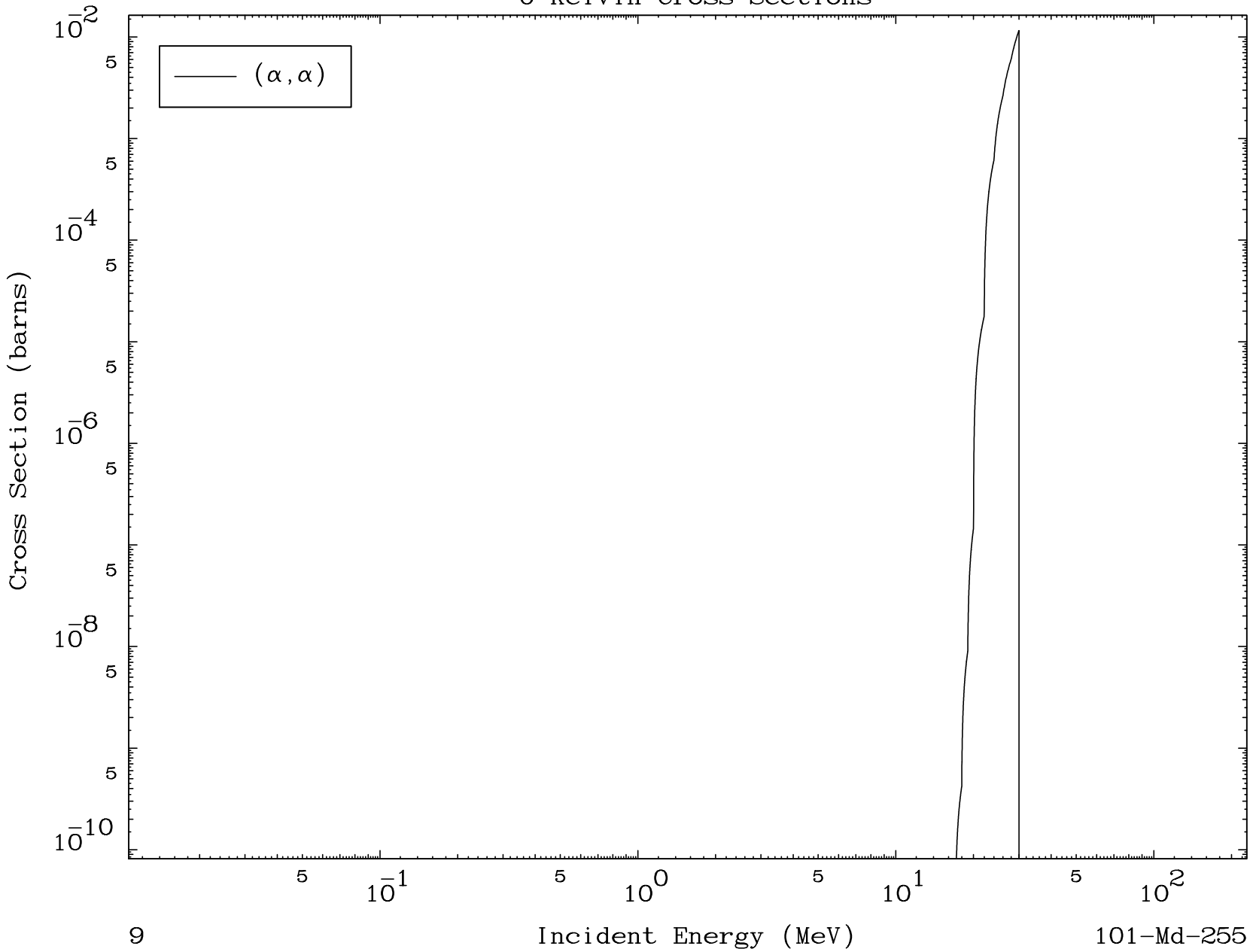

MAT 9956
(α,n') Level
101-Md-255
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
101-Md-255

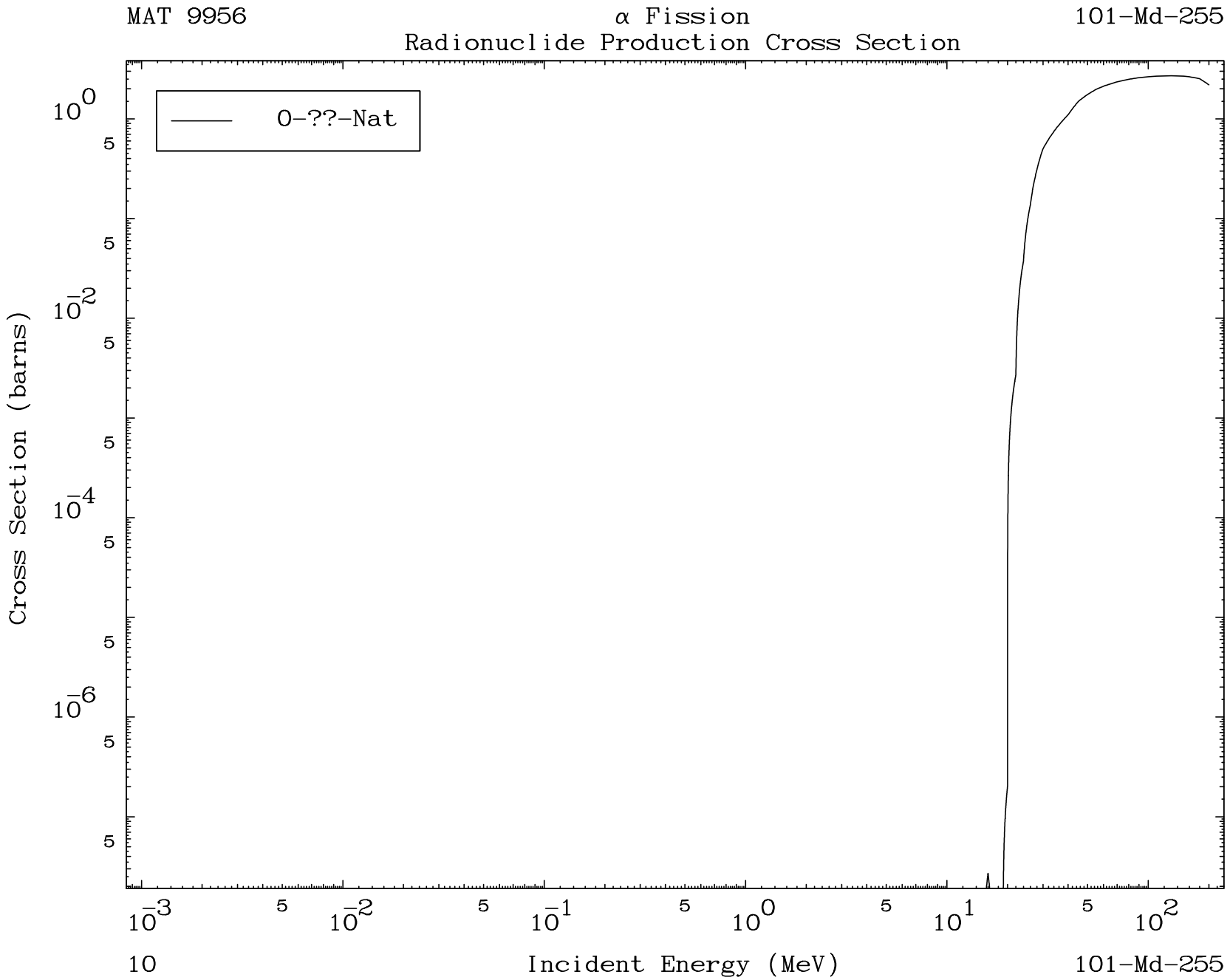

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

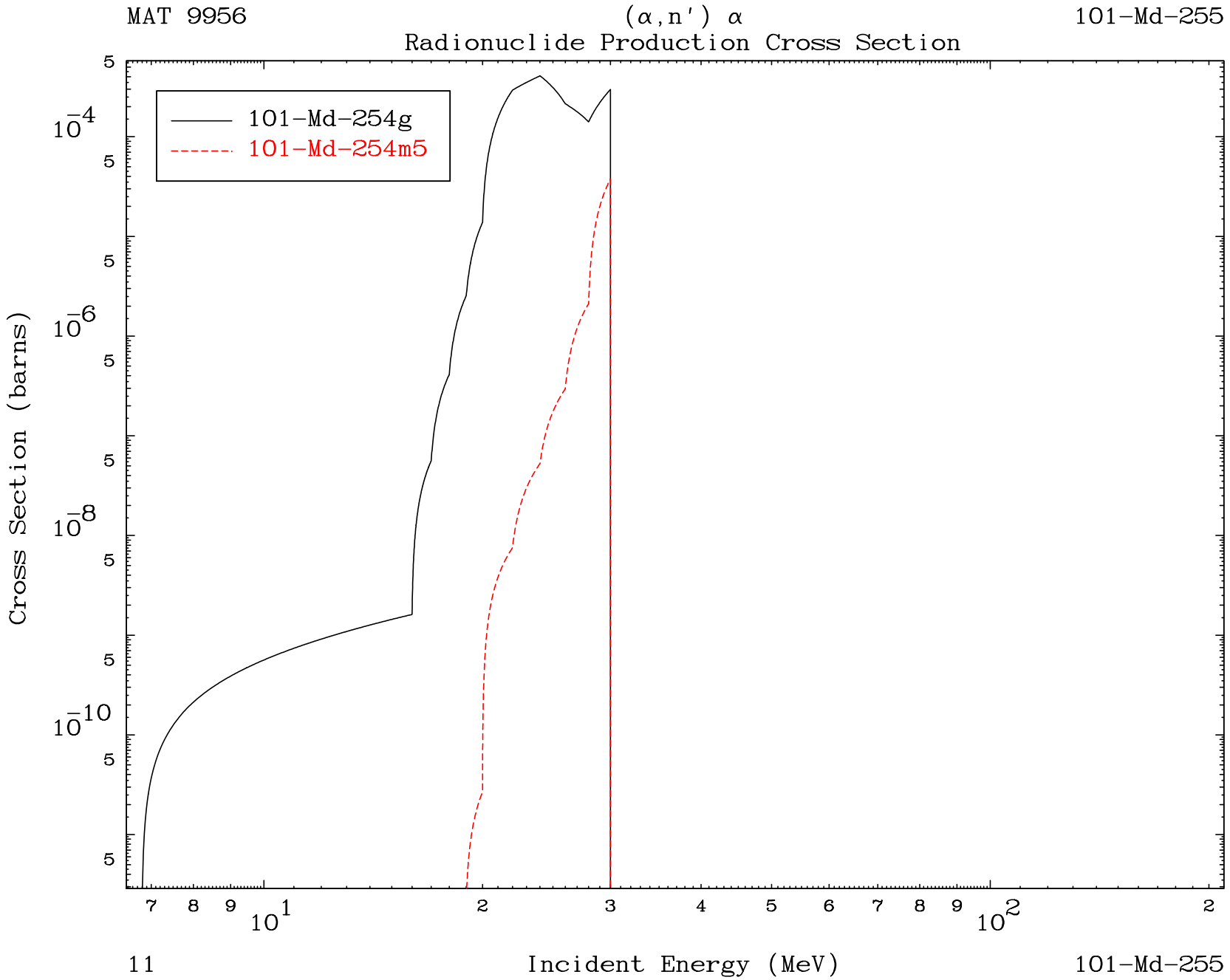

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

0 Kelvin Cross Sections




0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
10-10
5
10-1
5
100
5
101
5
102
Incident Energy (MeV)


MAT 9956
α Fission
101-Md-255
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
101-Md-255


MAT 9956
(α,n') α
101-Md-255
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m5
Cross Section (barns)
Incident Energy (MeV)
11
101-Md-255