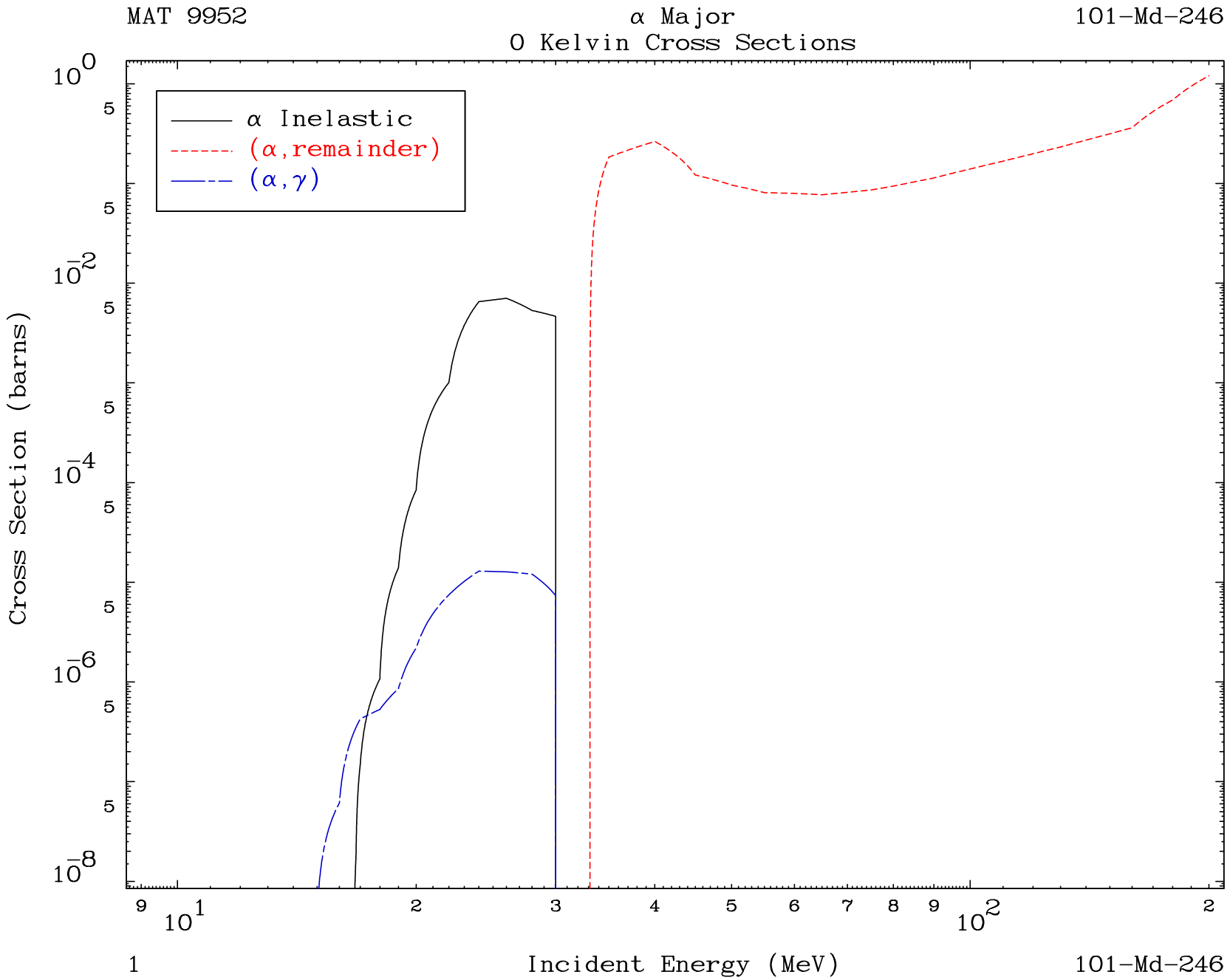
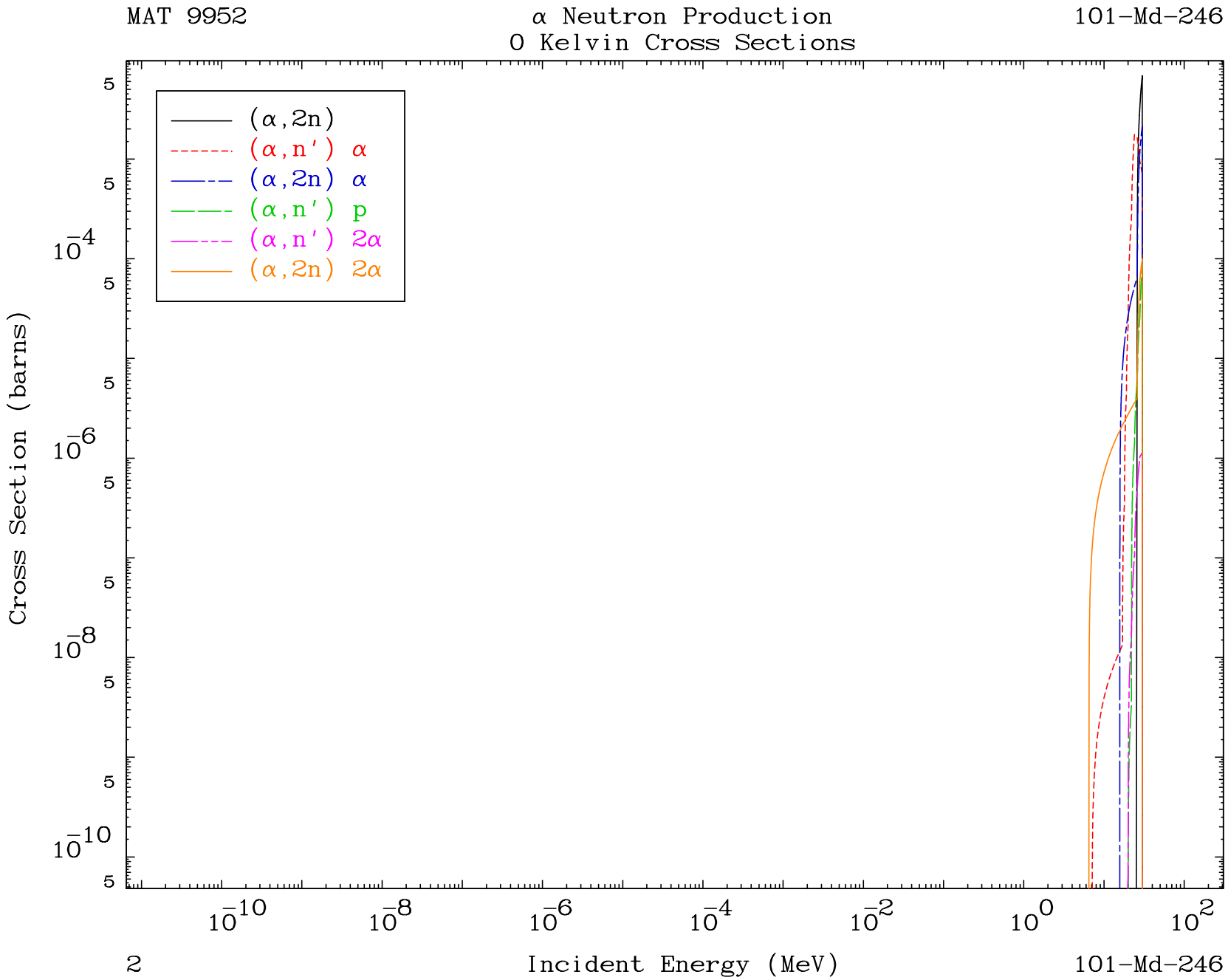
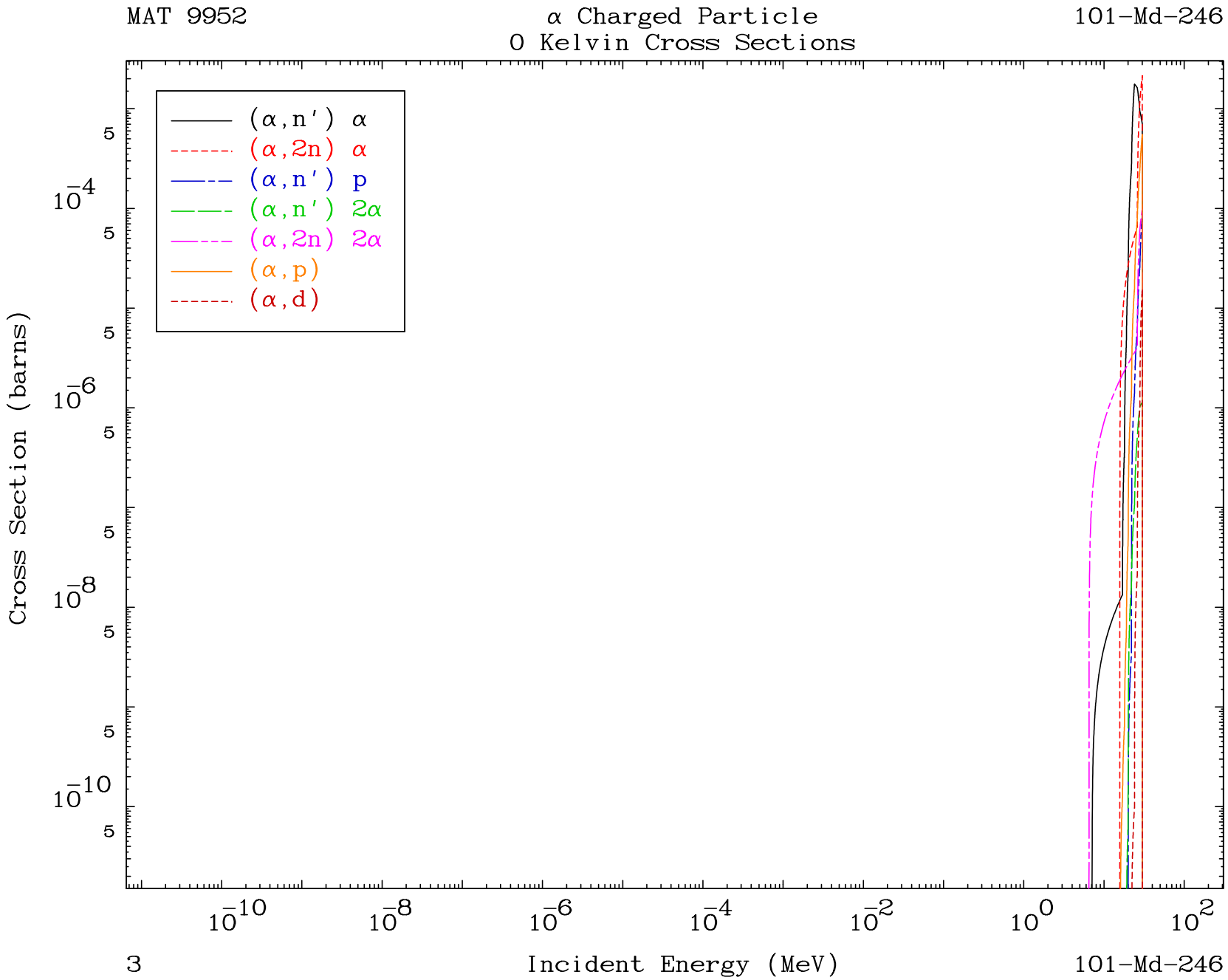
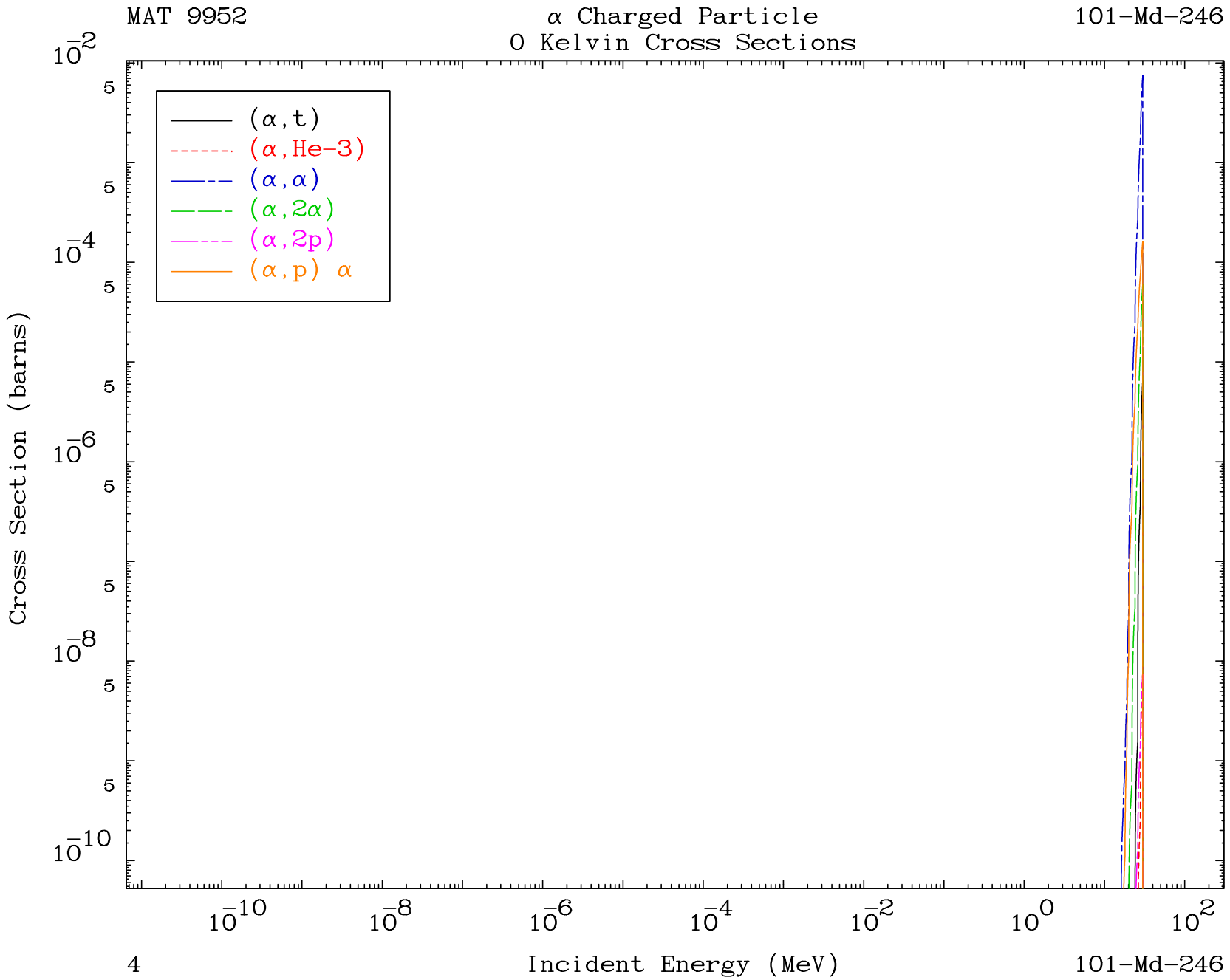
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

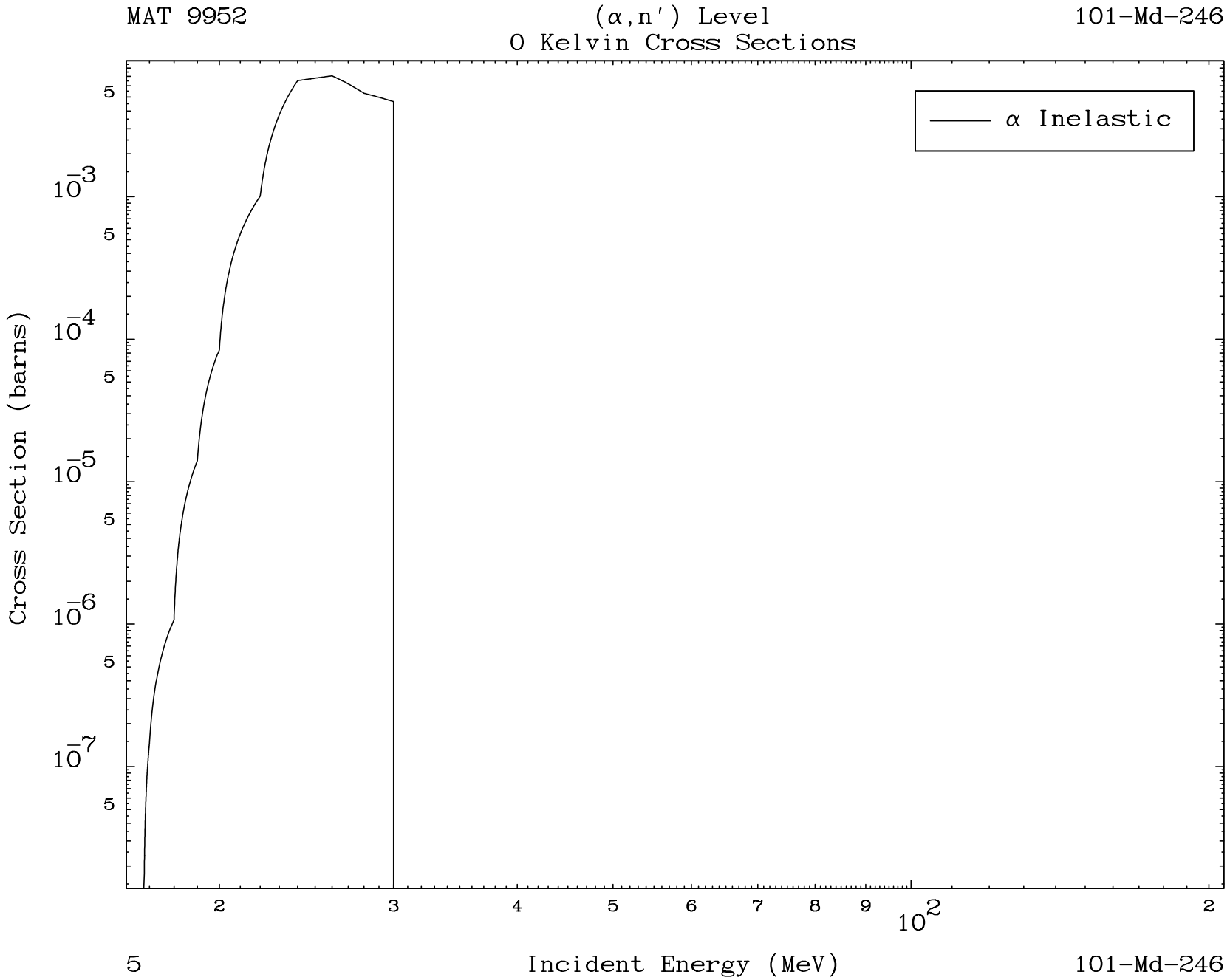
Press Mouse Button to Start

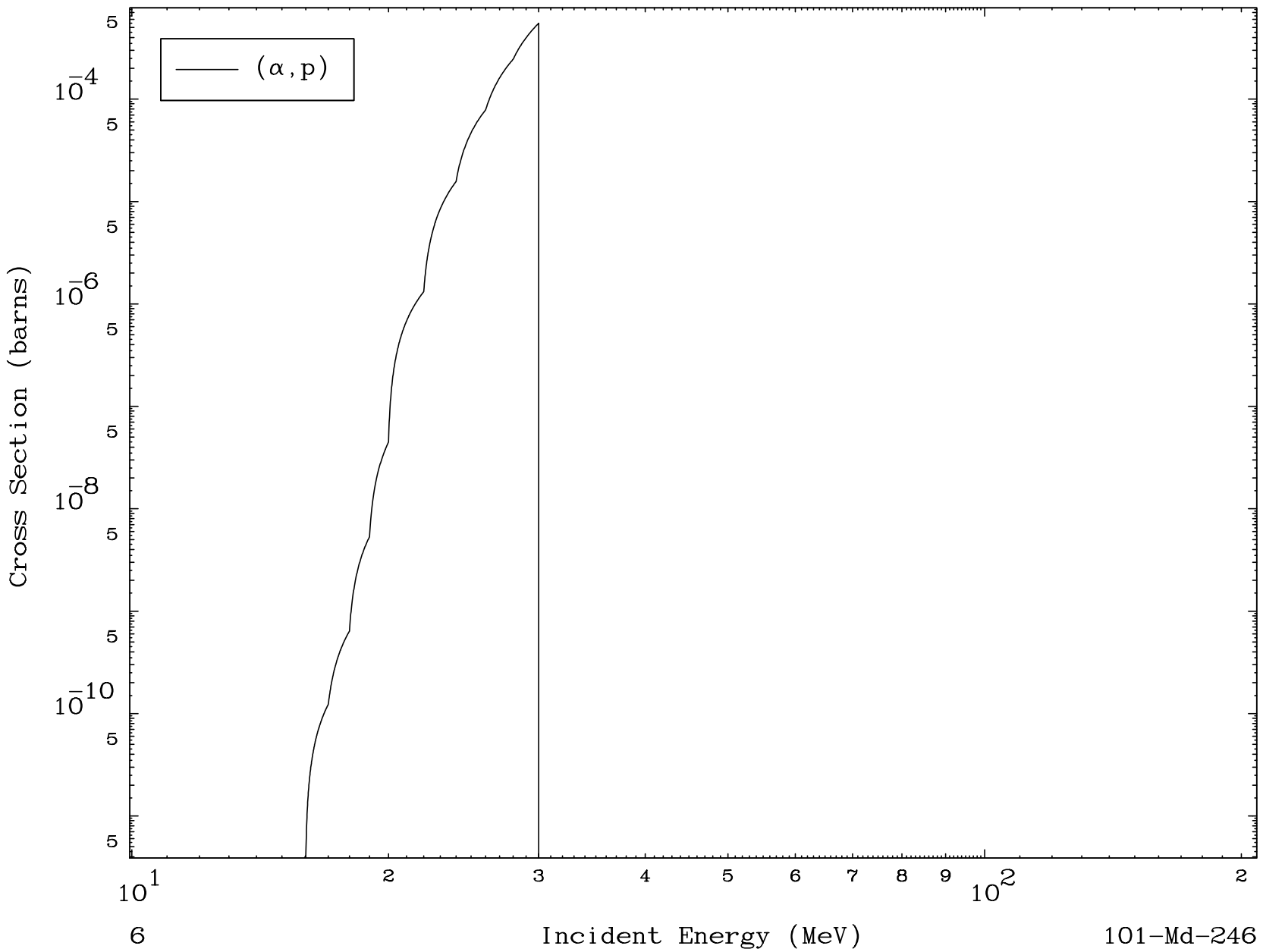

MAT 9952
α Major
101-Md-246
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
101-Md-246


MAT 9952
α Neutron Production
0 Kelvin Cross Sections
101-Md-246
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,2n) 2α
Cross Section (barns)
Incident Energy (MeV)
2
101-Md-246

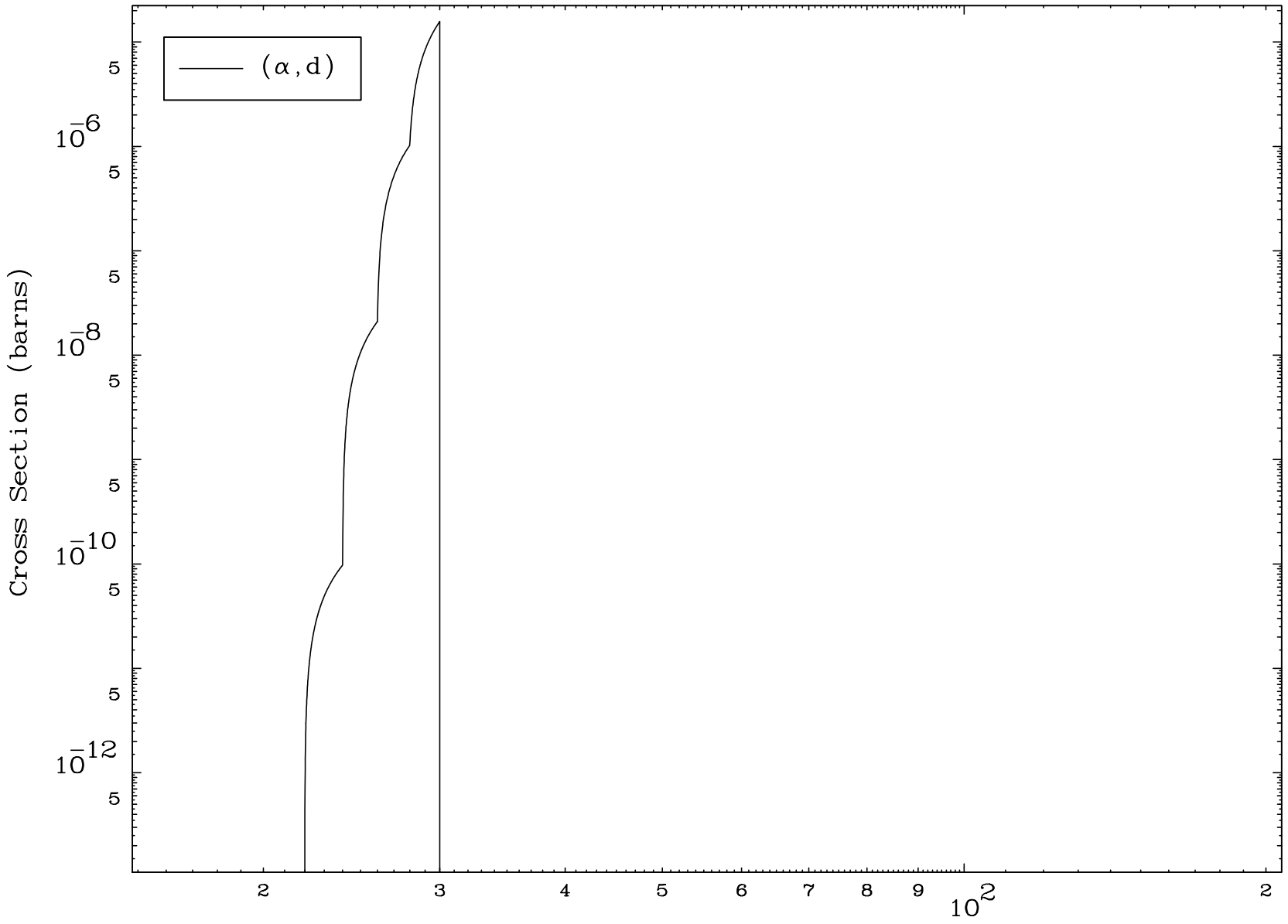

MAT 9952
α Charged Particle
0 Kelvin Cross Sections
101-Md-246
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,2n) 2α
(α,p)
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
3
101-Md-246

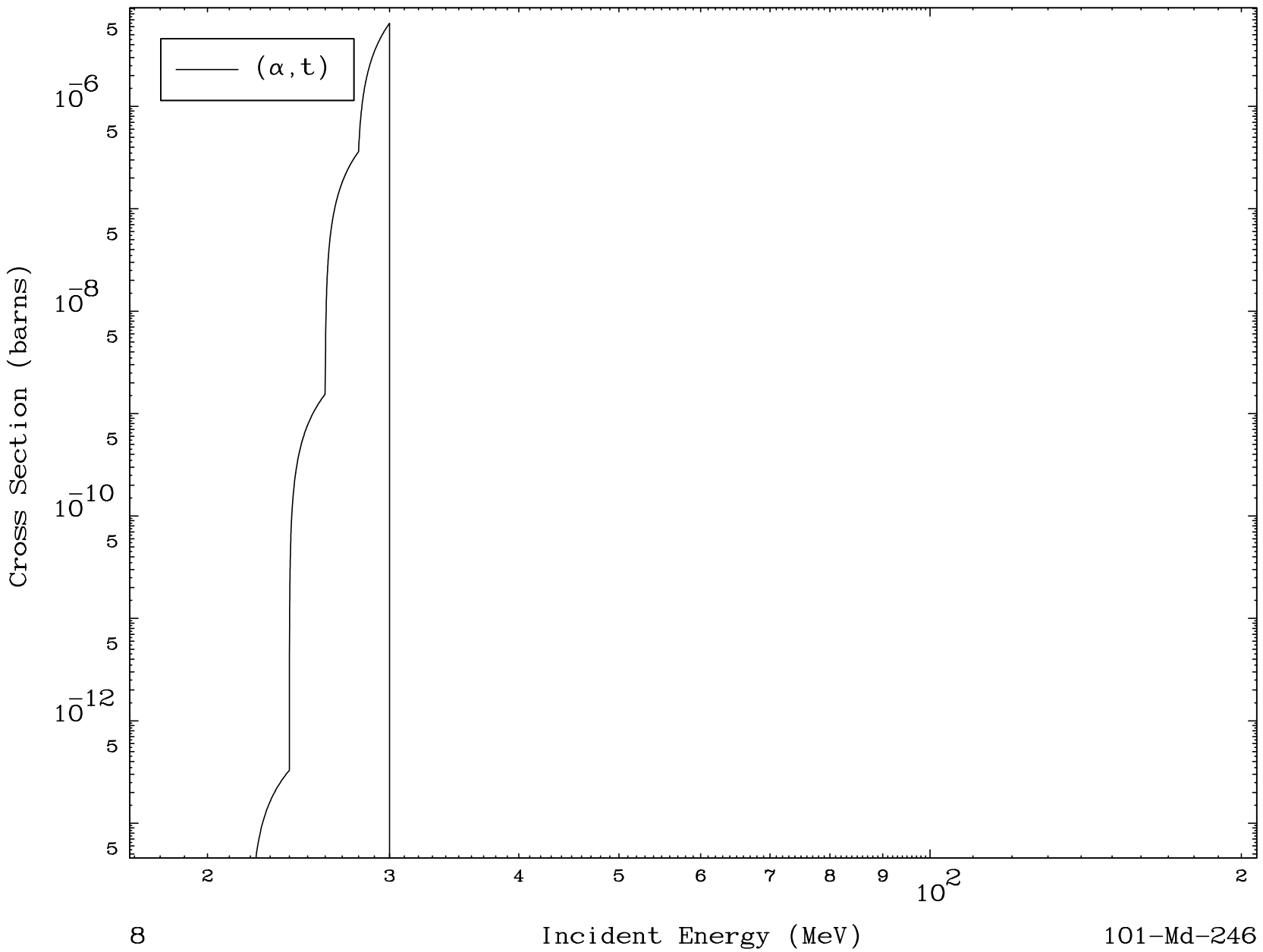

MAT 9952
α Charged Particle
0 Kelvin Cross Sections
101-Md-246
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
101-Md-246

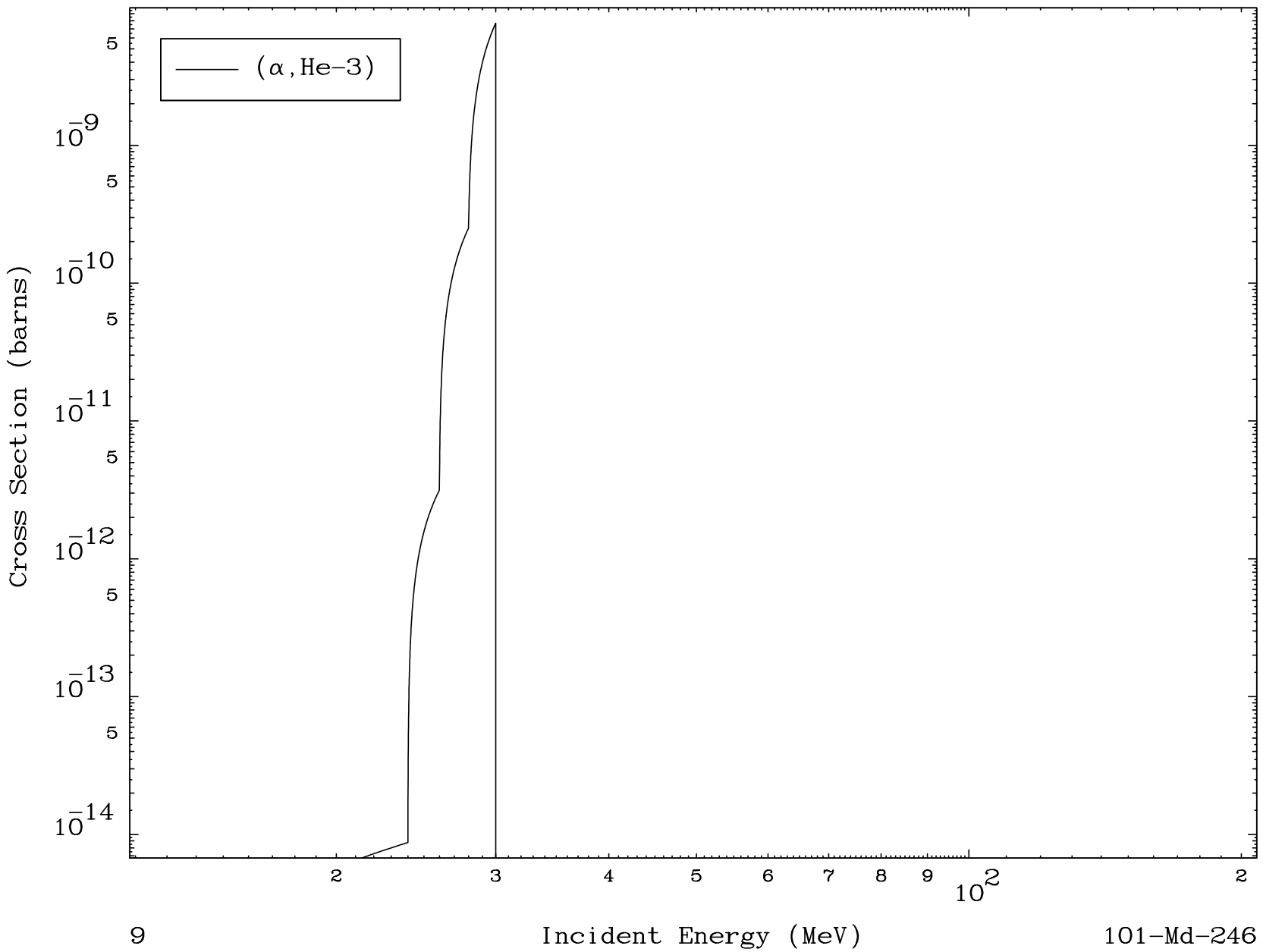

MAT 9952
(α,n') Level
101-Md-246
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
101-Md-246

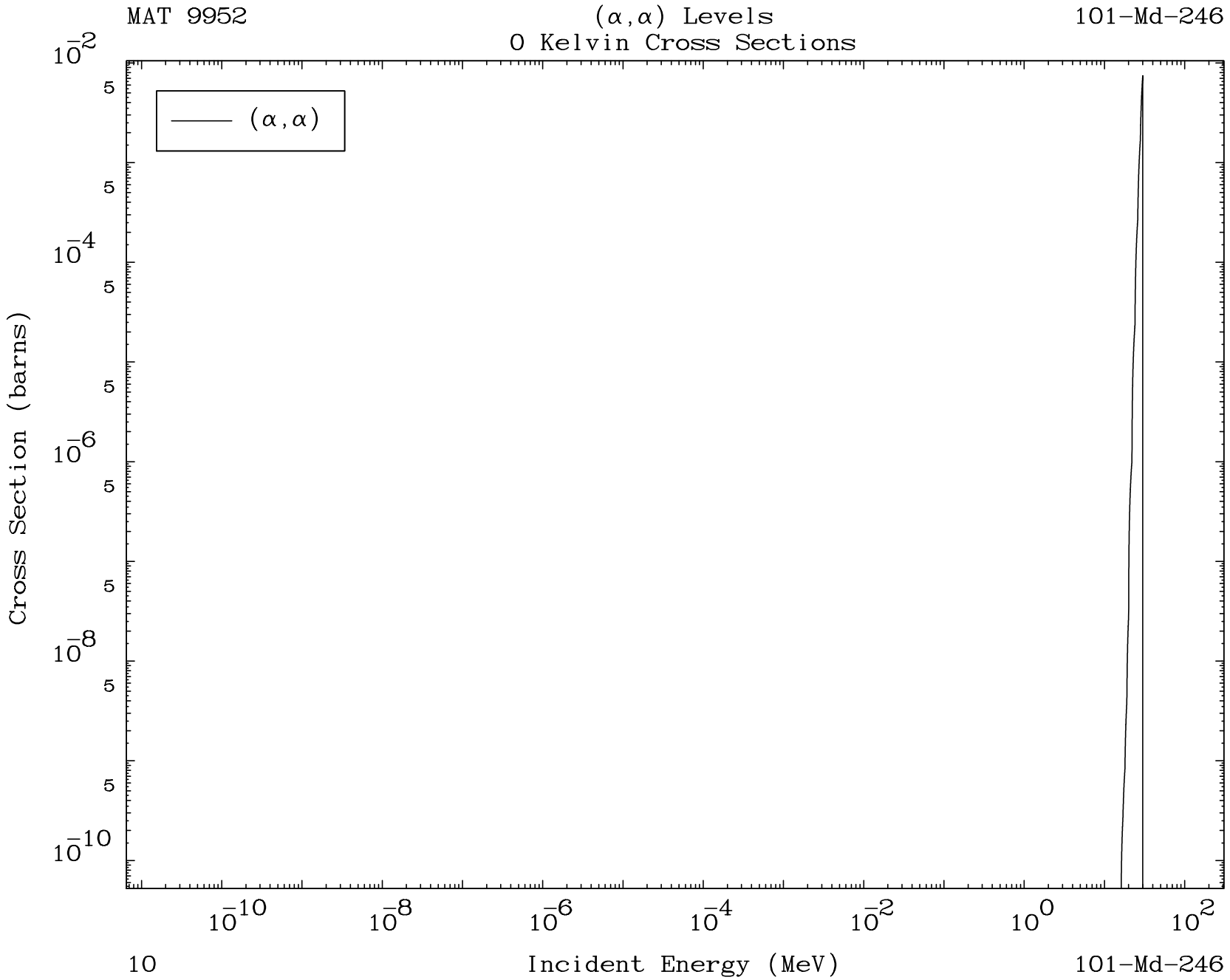

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
101-Md-246

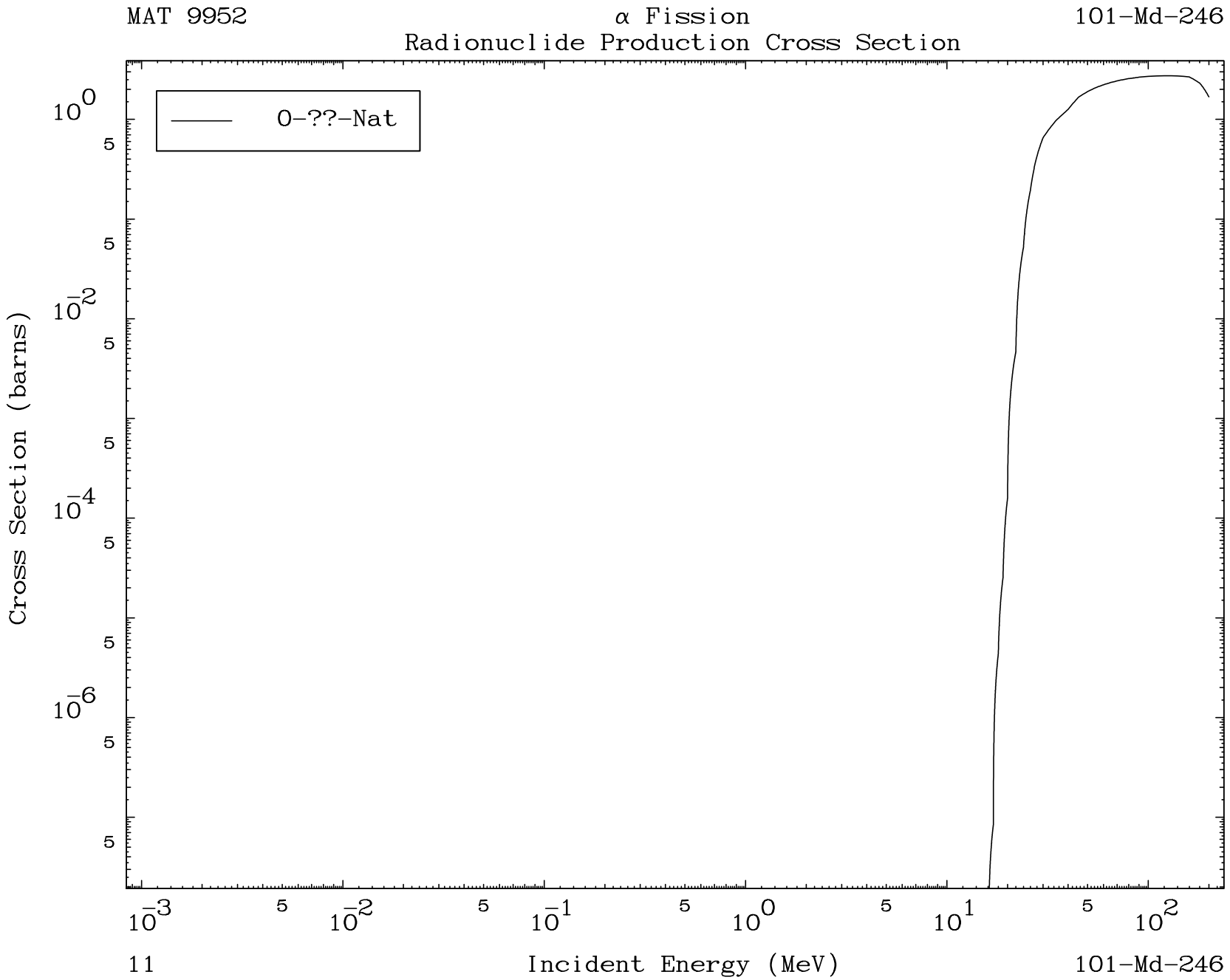
0 Kelvin Cross Sections

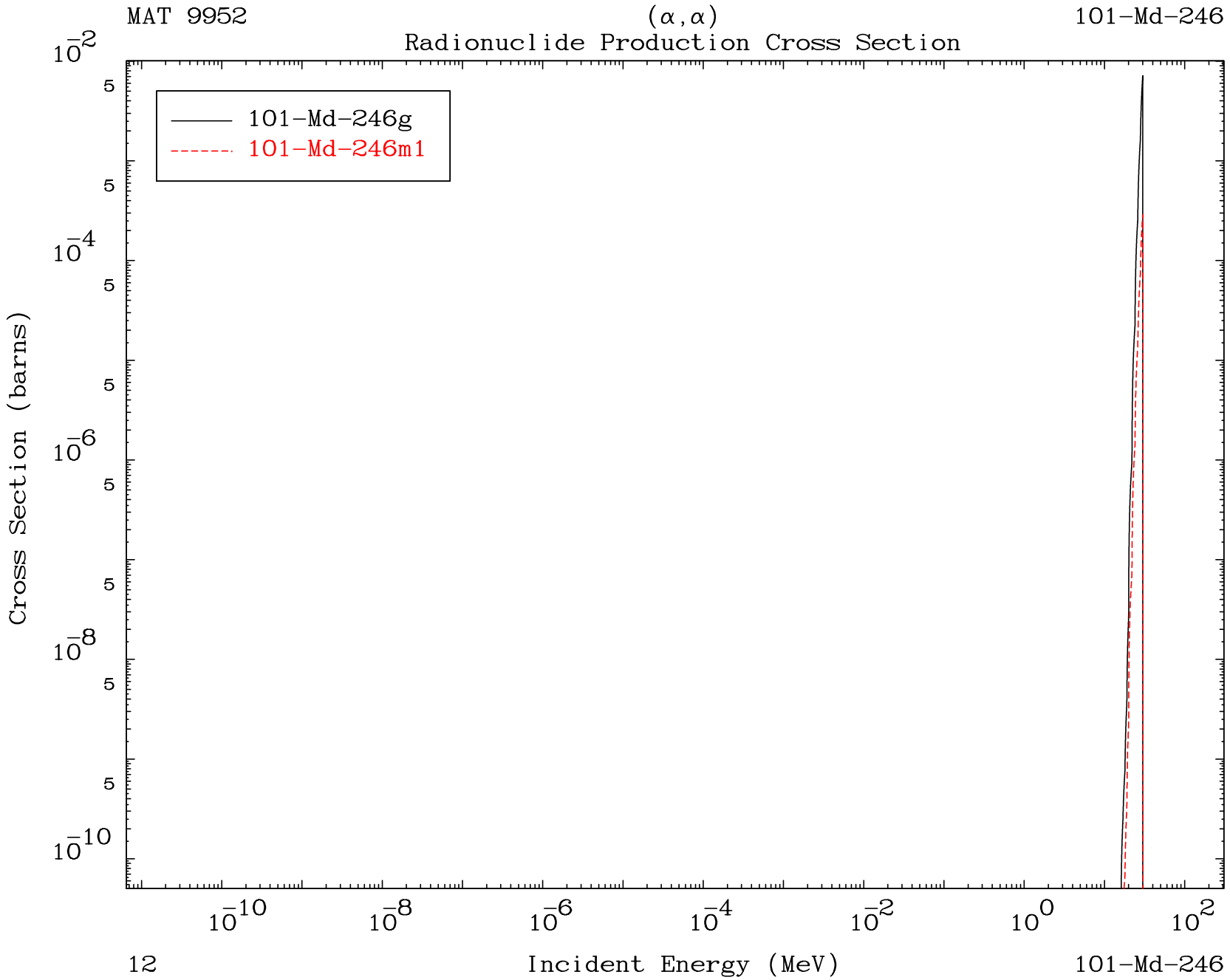



0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)


0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-9
10-10
10-11
10-12
10-13
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 9952
(α,α) Levels
101-Md-246
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
10
101-Md-246


MAT 9952
α Fission
101-Md-246
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-3
10^-2
10^-1
10^0
10^1
10^2
Incident Energy (MeV)
11
101-Md-246


MAT 9952
(α,α)
101-Md-246
Radionuclide Production Cross Section
101-Md-246g
101-Md-246m1
Cross Section (barns)
Incident Energy (MeV)
12
101-Md-246