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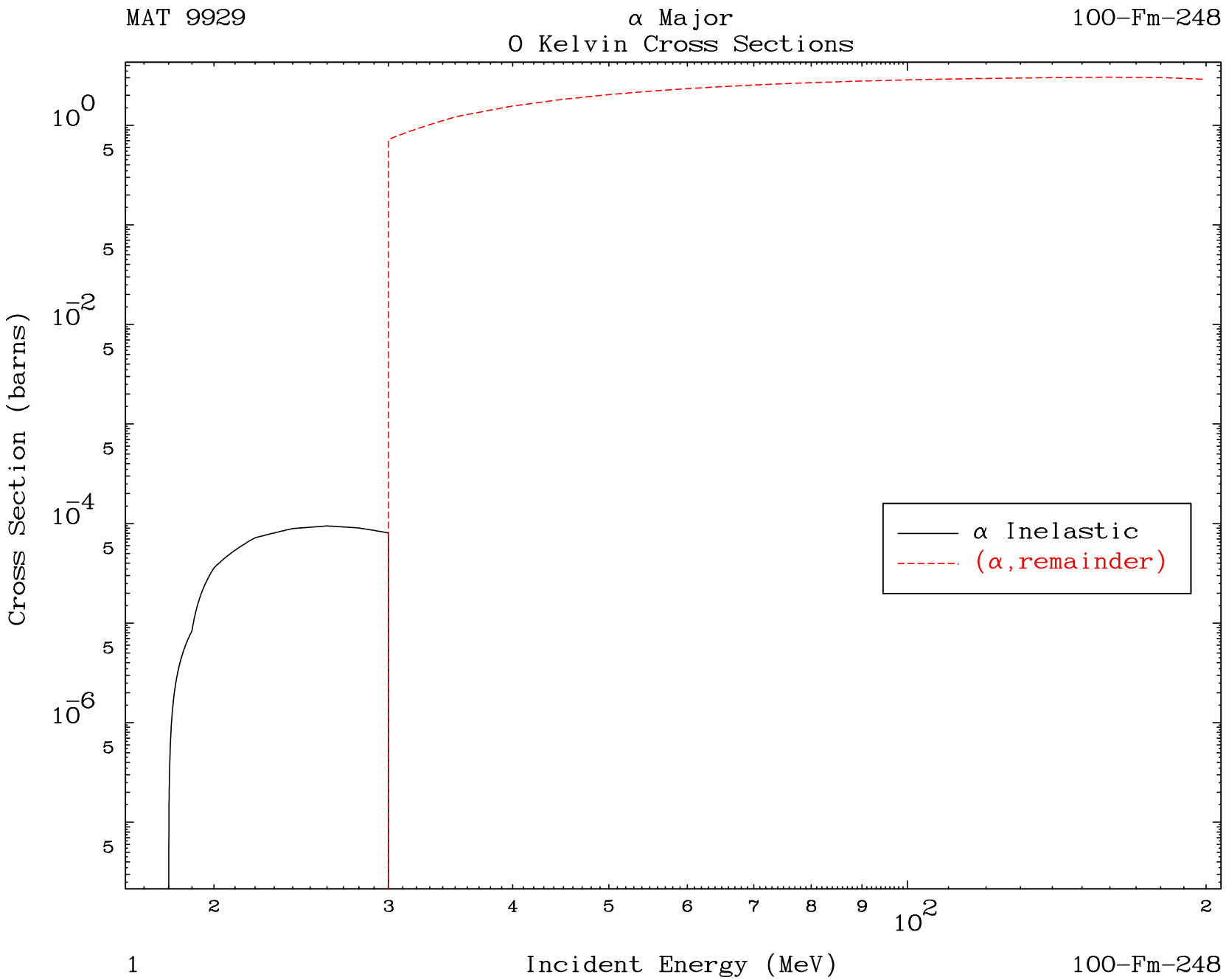
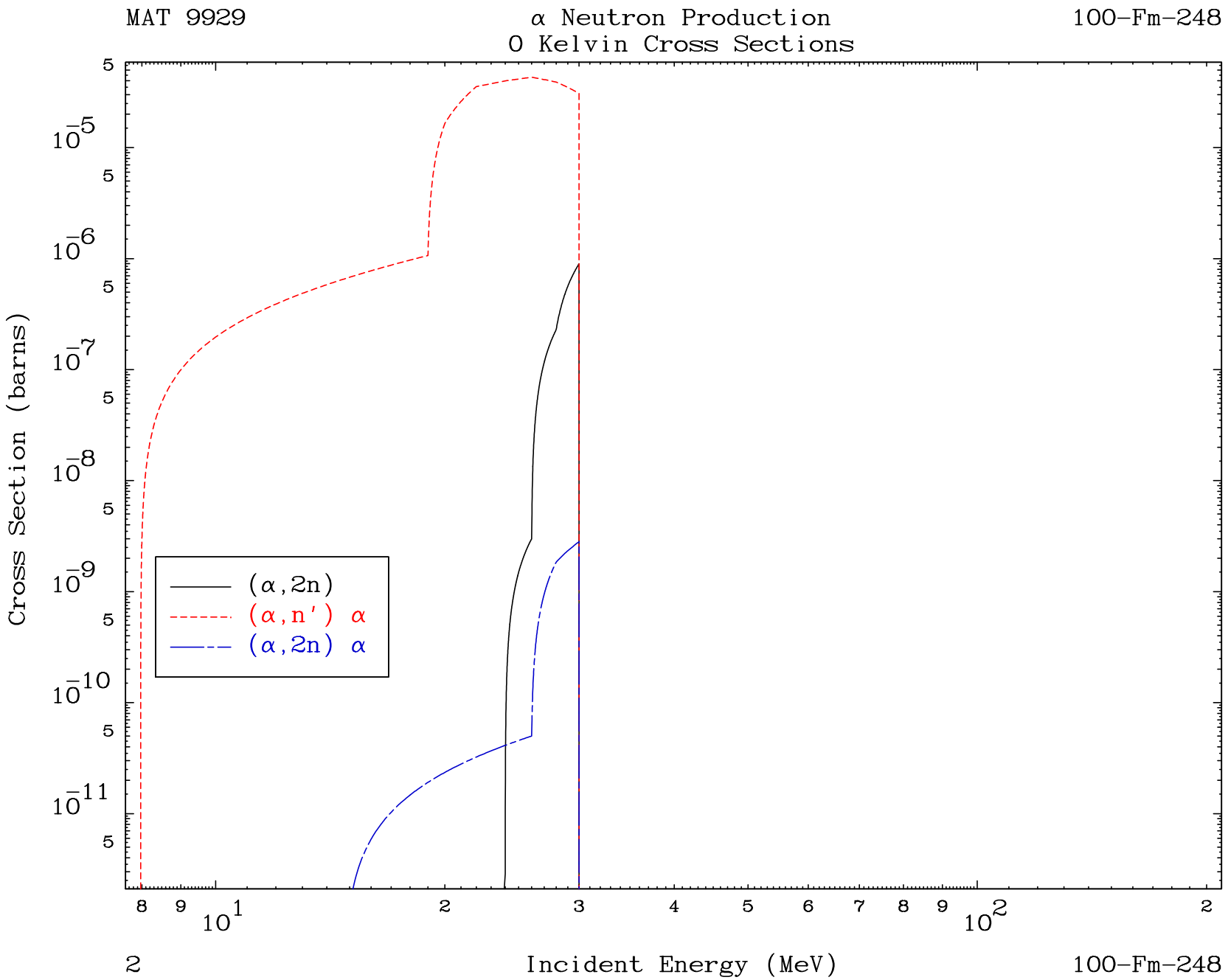
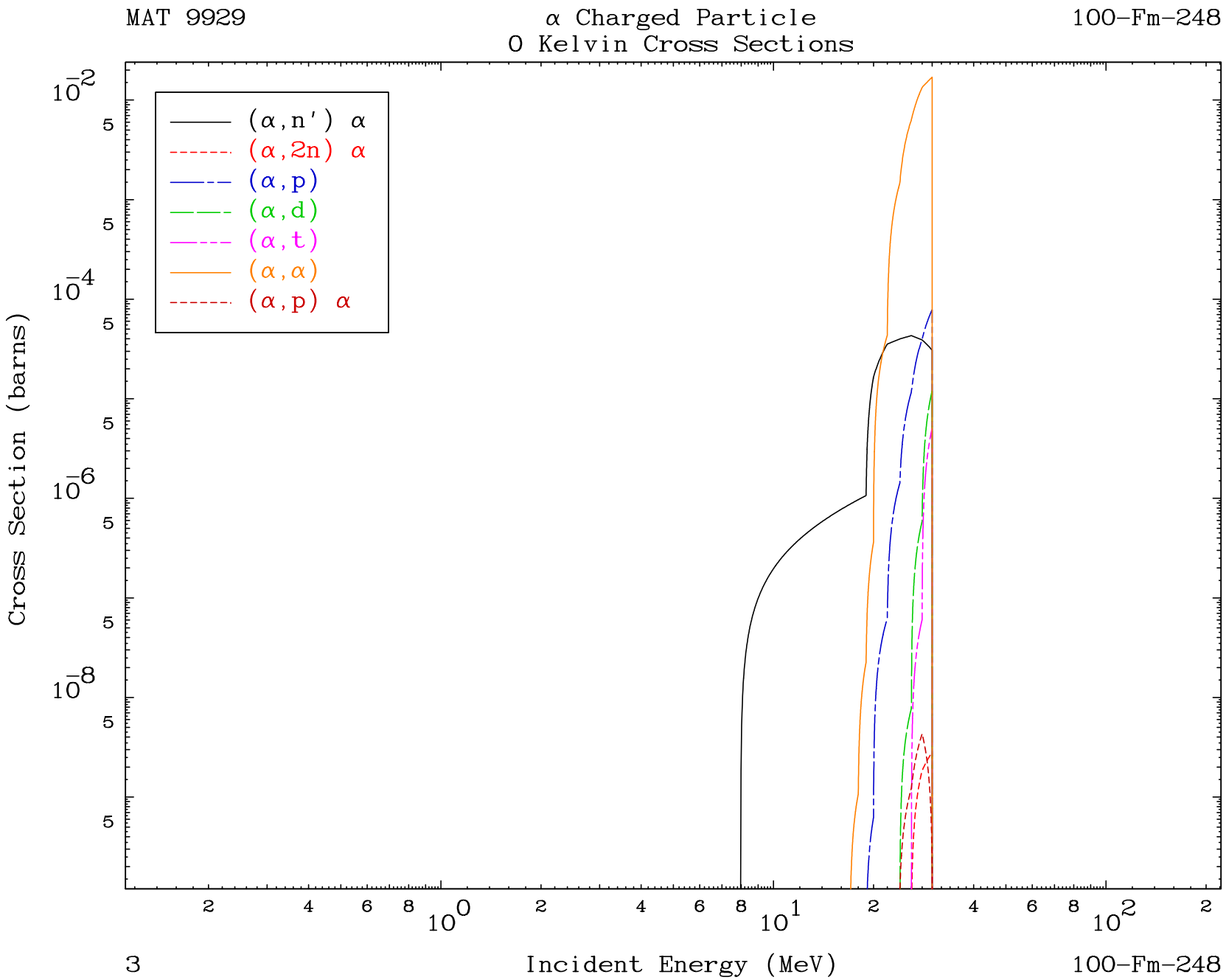
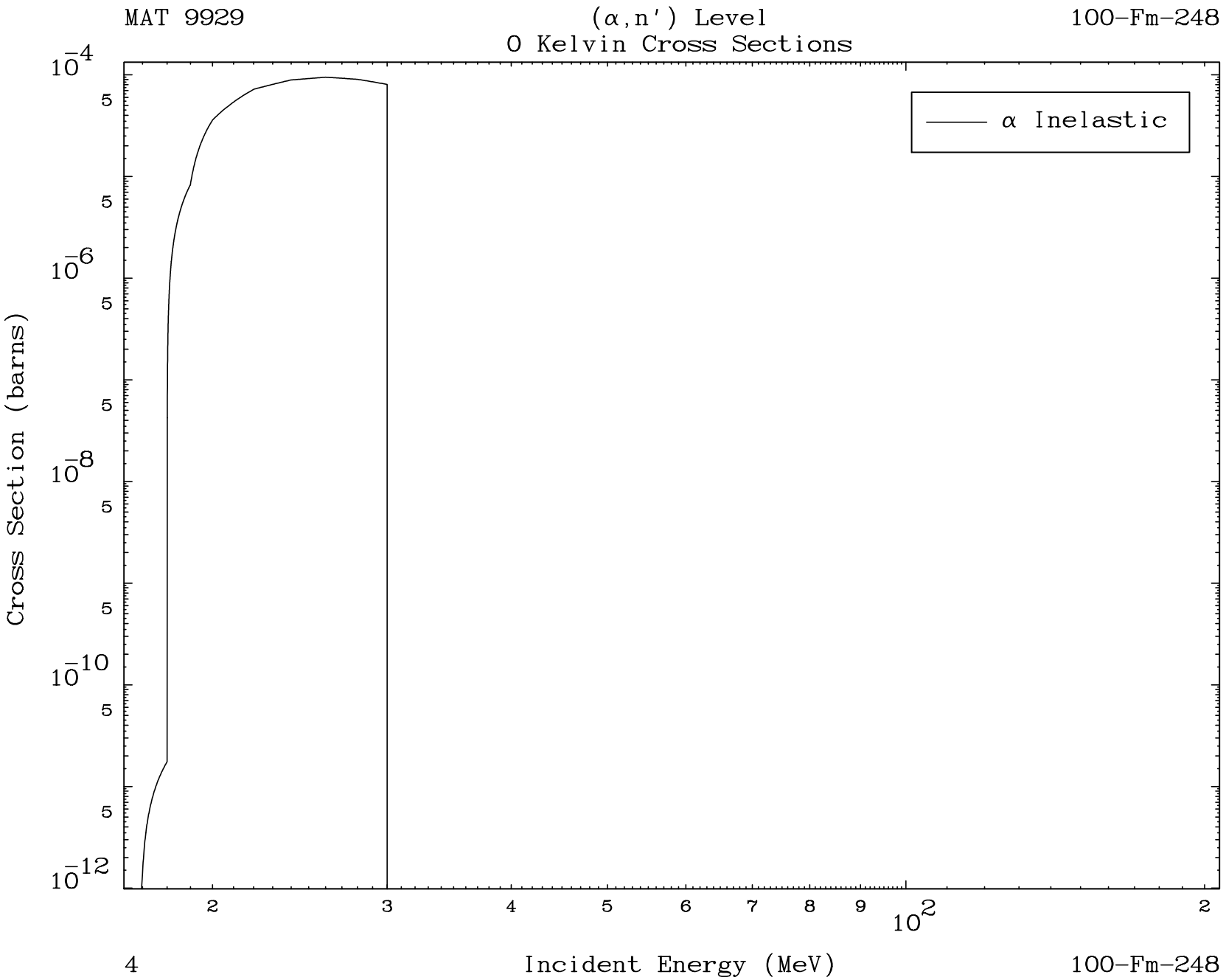
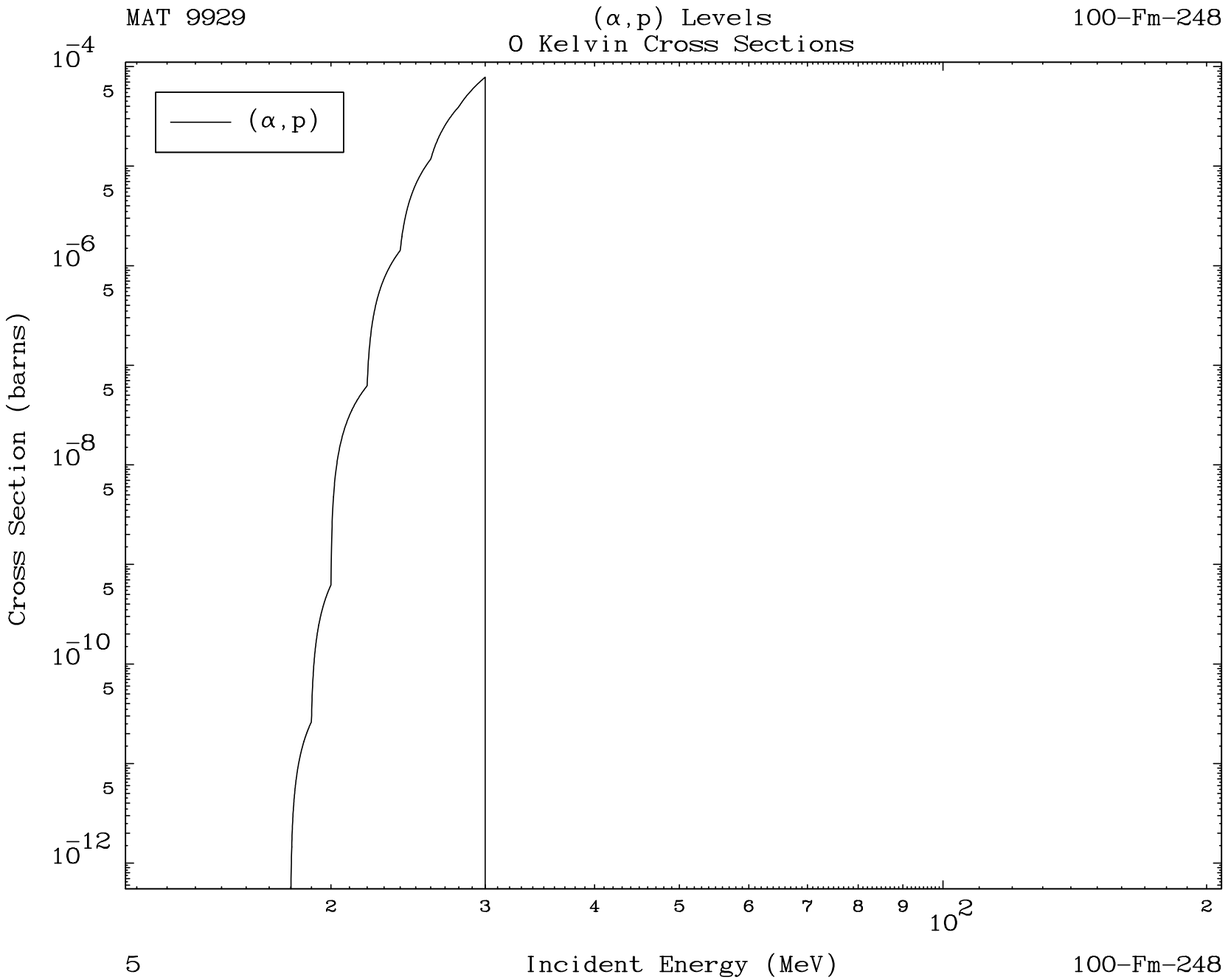
Press Mouse Button to Start

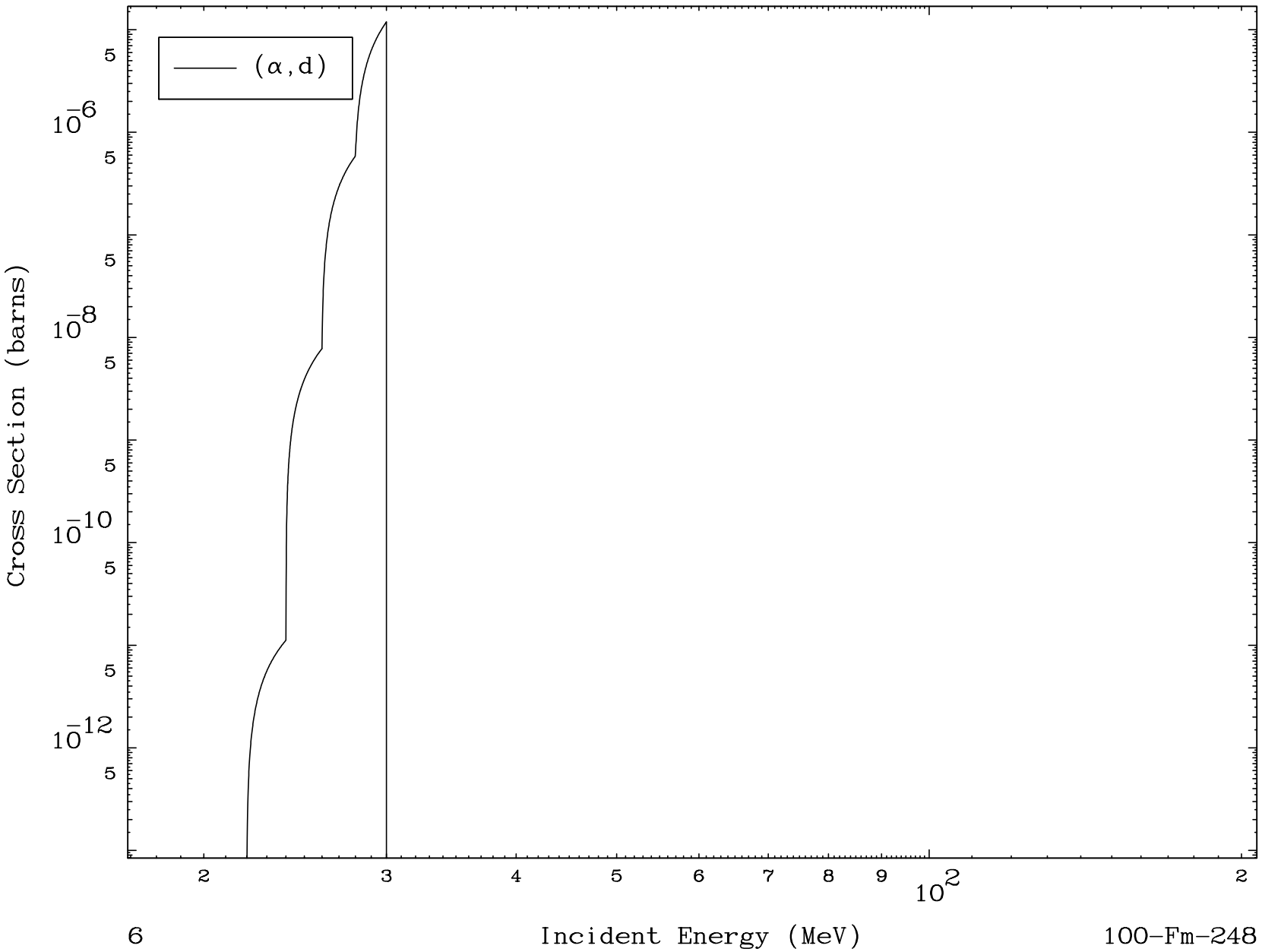

MAT 9929
α Major
100-Fm-248
0 Kelvin Cross Sections
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
2
3
4
6
7
8
9
10^2
1
Incident Energy (MeV)
100-Fm-248
α Inelastic
(α,remainder)

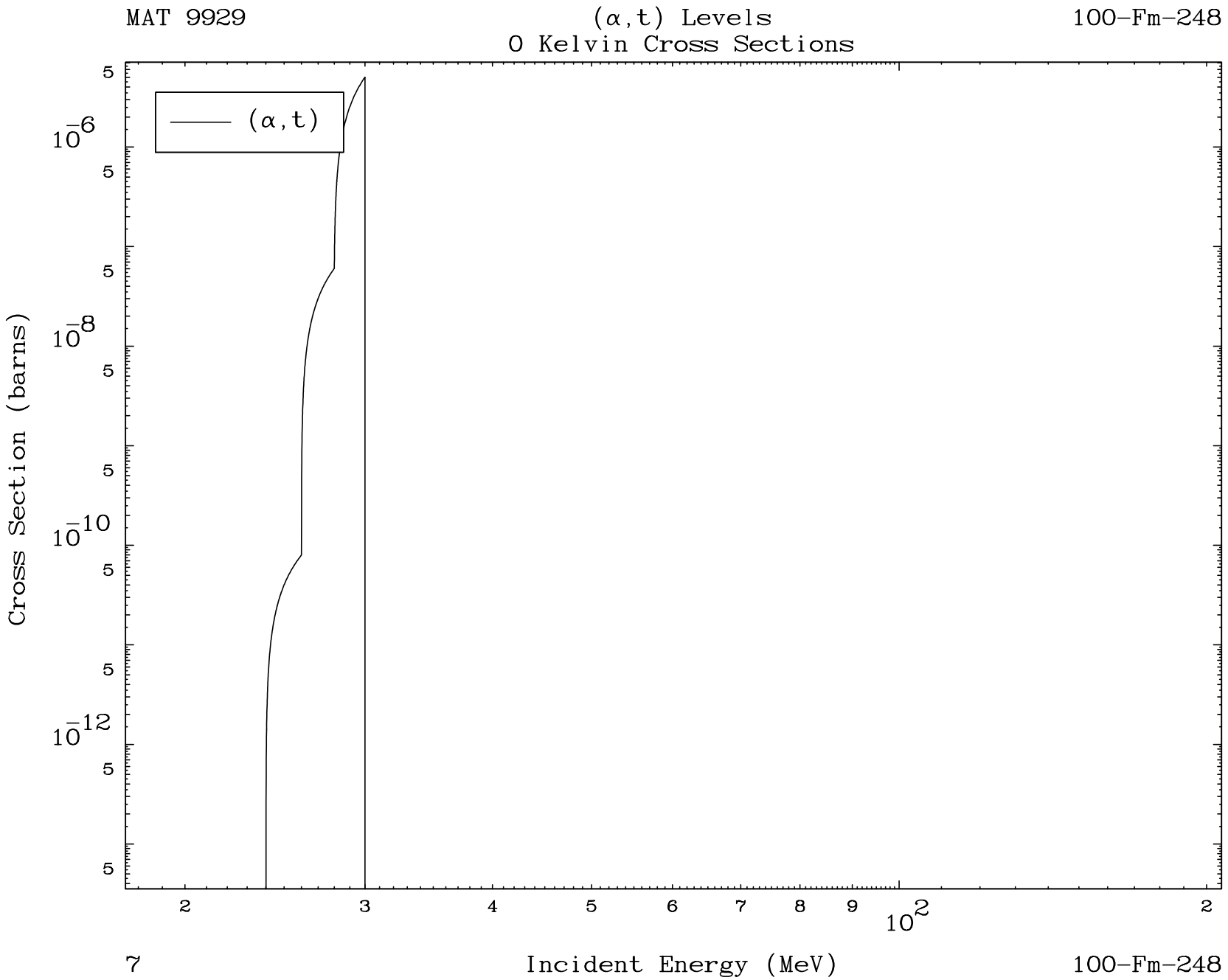

MAT 9929
α Neutron Production
0 Kelvin Cross Sections
100-Fm-248
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,n') α
(α,2n) α
100-Fm-248

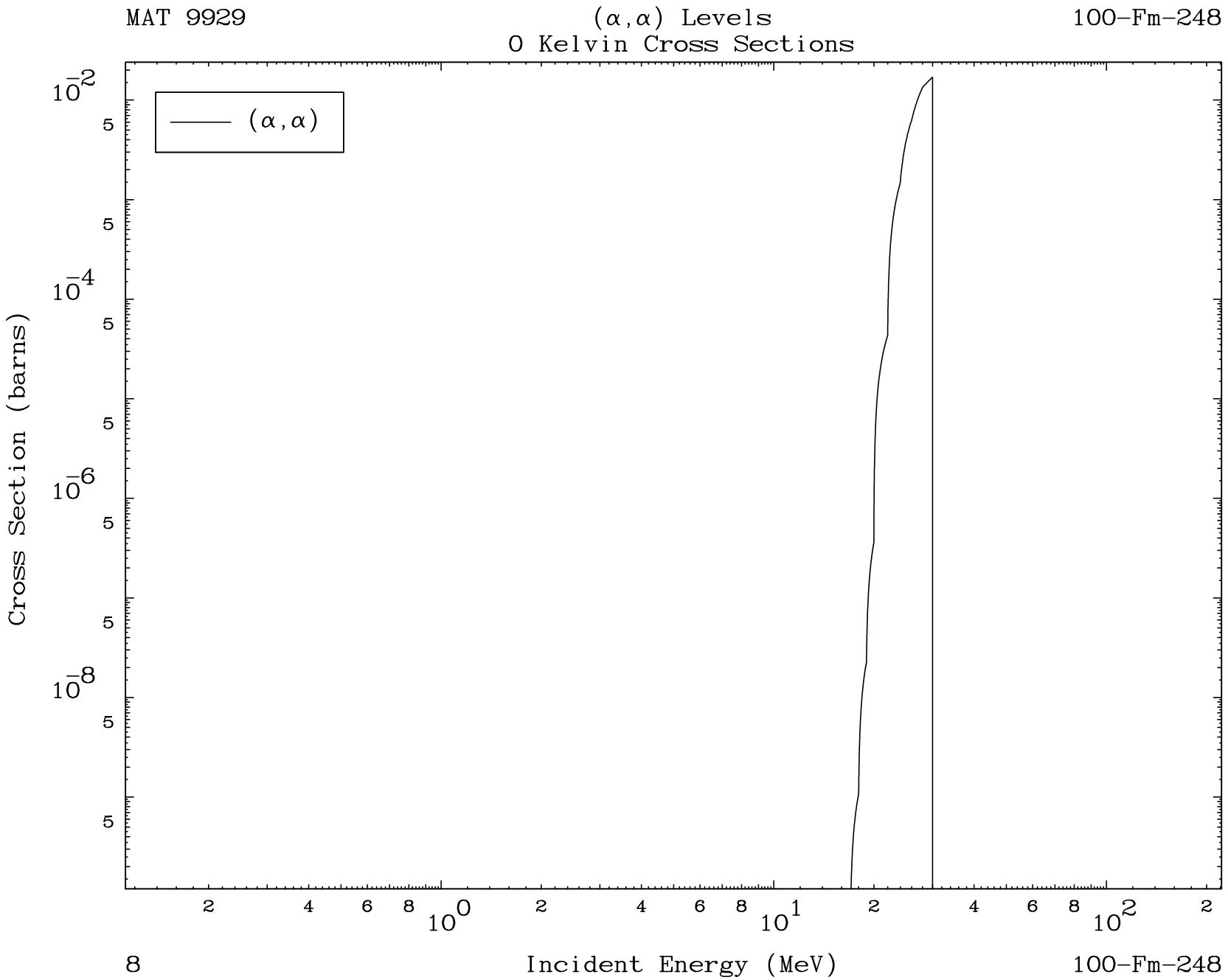

MAT 9929
α Charged Particle
0 Kelvin Cross Sections
100-Fm-248
(α,n') α
(α,2n) α
(α,p)
(α,d)
(α,t)
(α,α)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-248

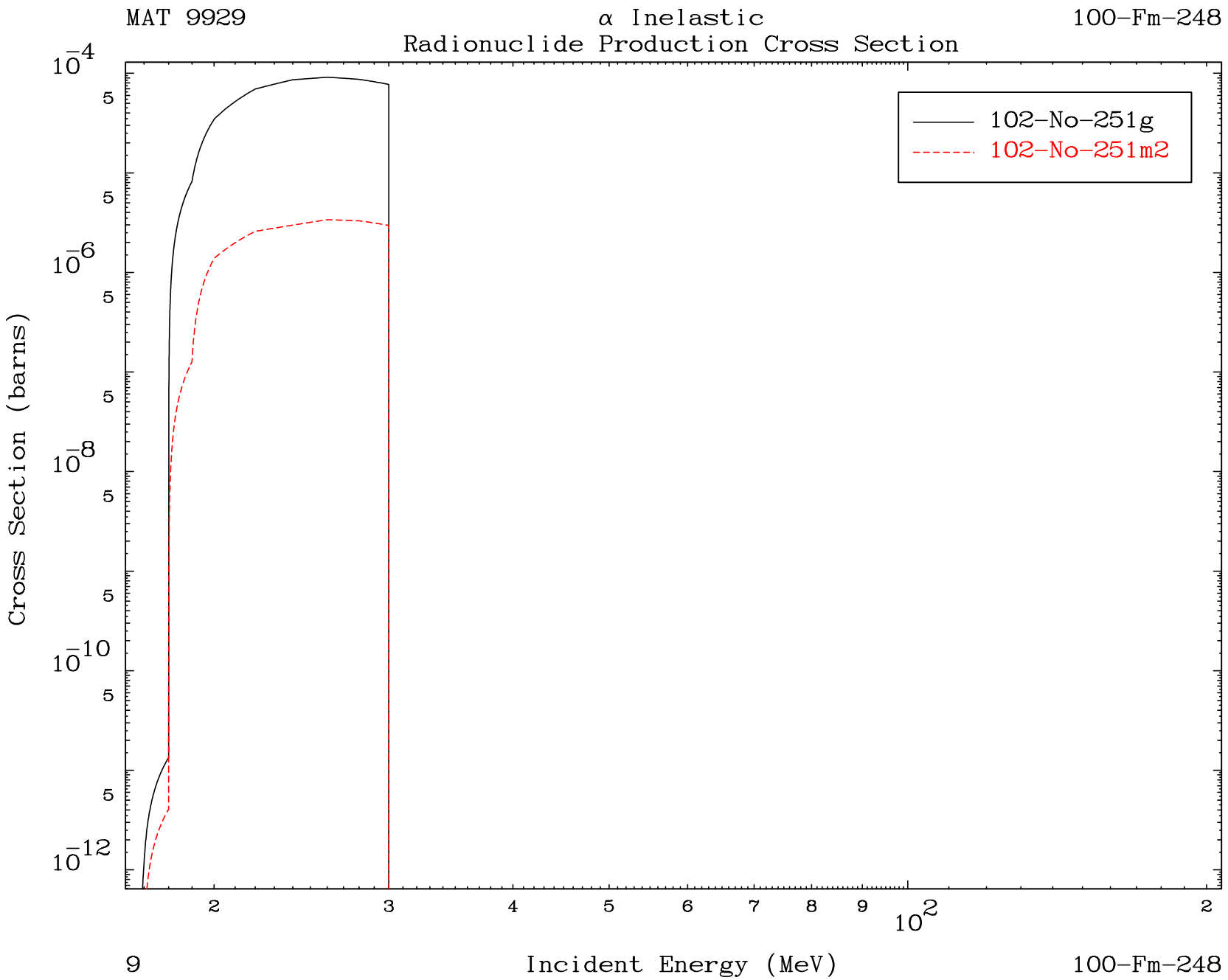

MAT 9929
(α,n') Level
100-Fm-248
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
4
100-Fm-248

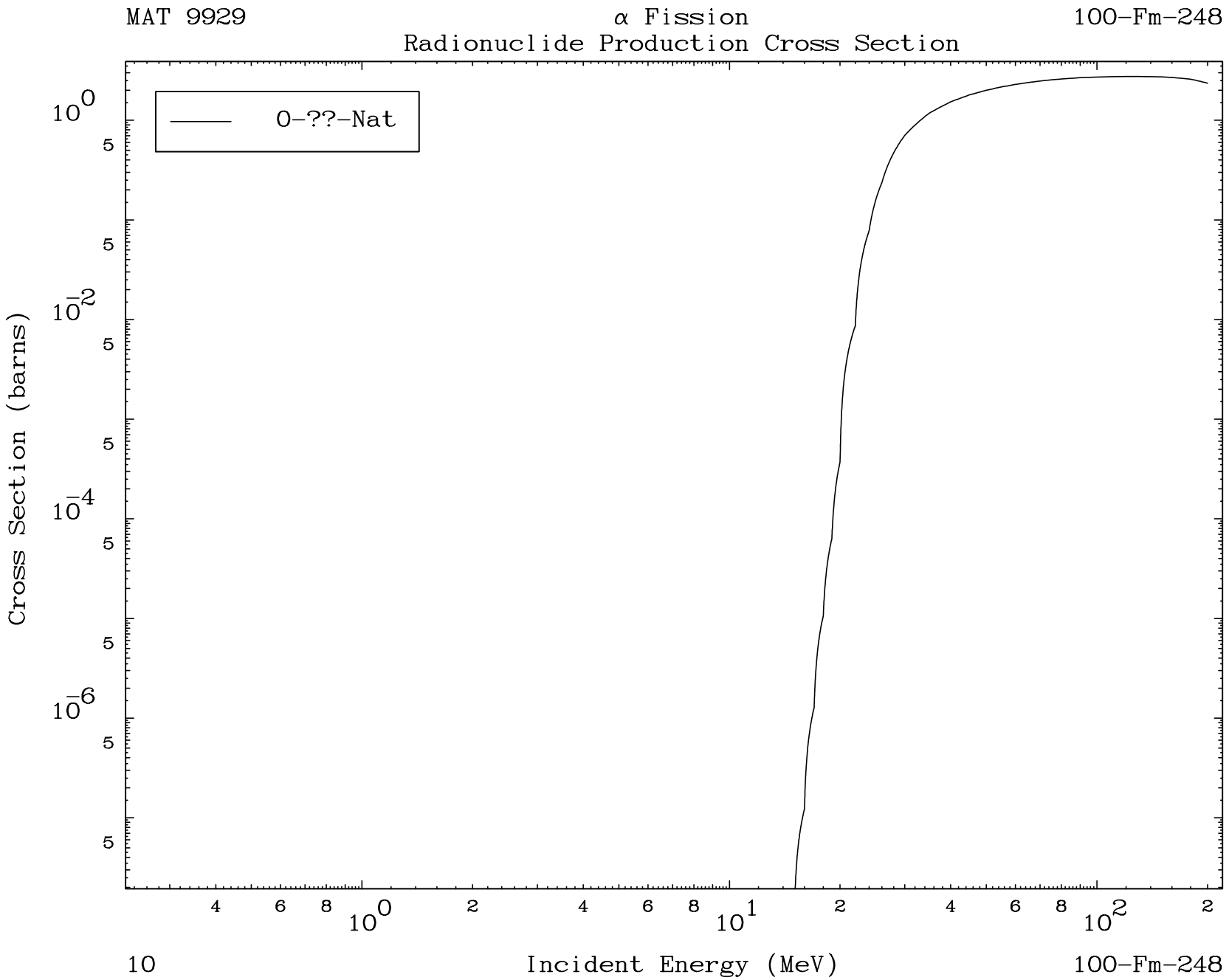

MAT 9929
(α,p) Levels
100-Fm-248
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-248
5

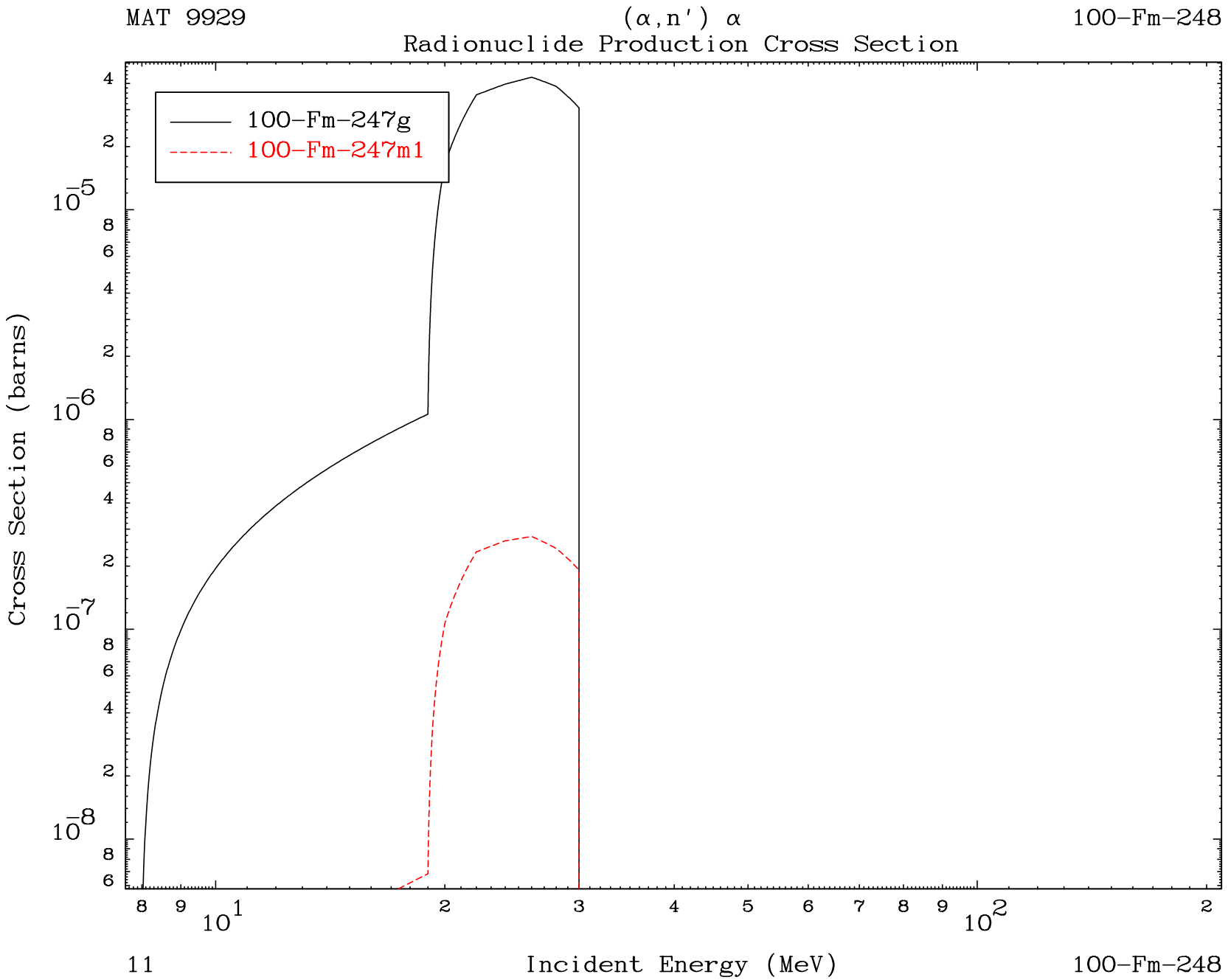

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

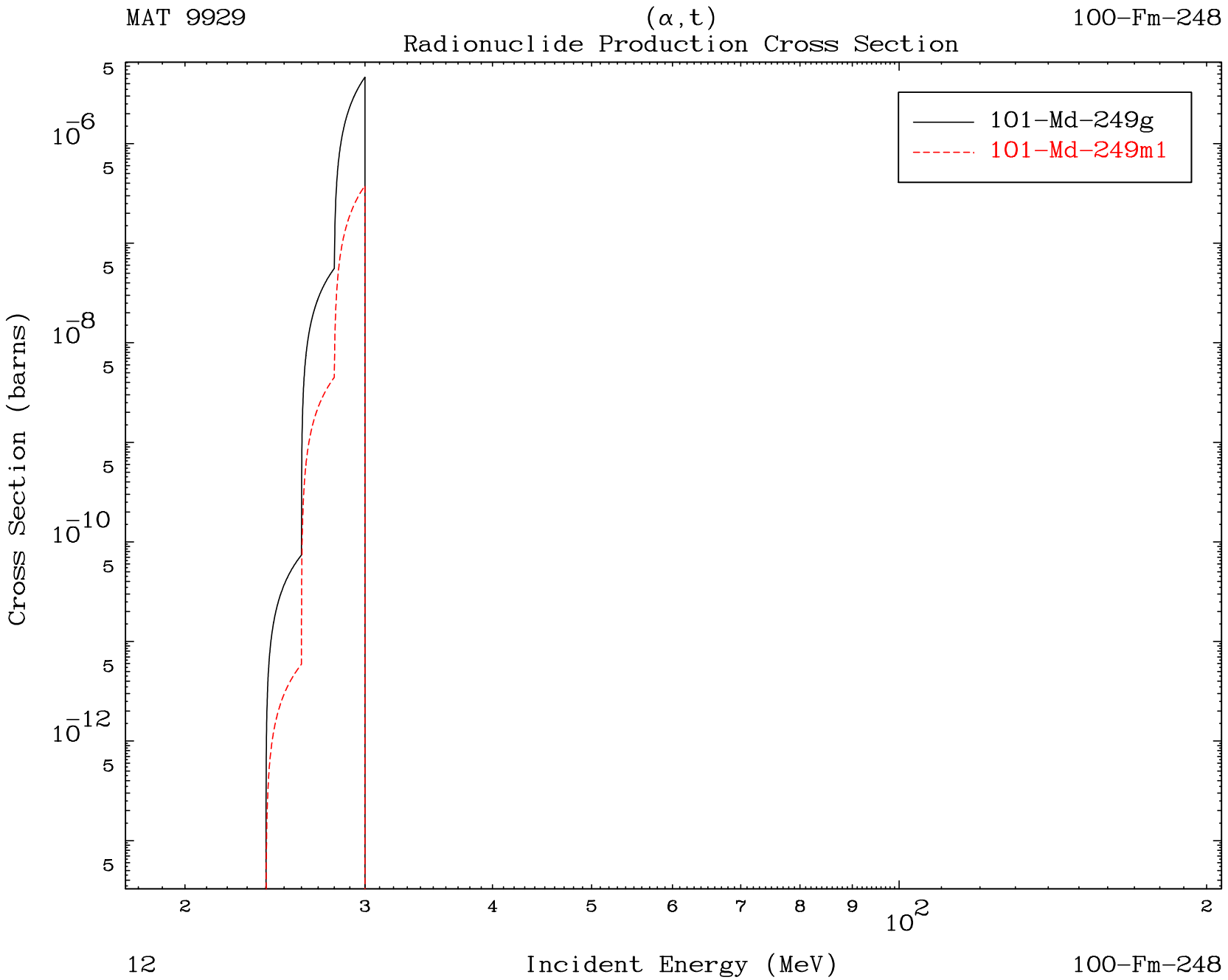

MAT 9929
(α,t) Levels
100-Fm-248
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
7
100-Fm-248


MAT 9929
(α,α) Levels
100-Fm-248
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
8
100-Fm-248


MAT 9929
α Inelastic
100-Fm-248
Radionuclide Production Cross Section
102-No-251g
102-No-251m2
Cross Section (barns)
Incident Energy (MeV)
9
100-Fm-248


MAT 9929
α Fission
100-Fm-248
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
100-Fm-248


MAT 9929
(α,n') α
100-Fm-248
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
Incident Energy (MeV)
11
100-Fm-248


MAT 9929
(α,t)
100-Fm-248
Radionuclide Production Cross Section
101-Md-249g
101-Md-249m1
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
12
100-Fm-248