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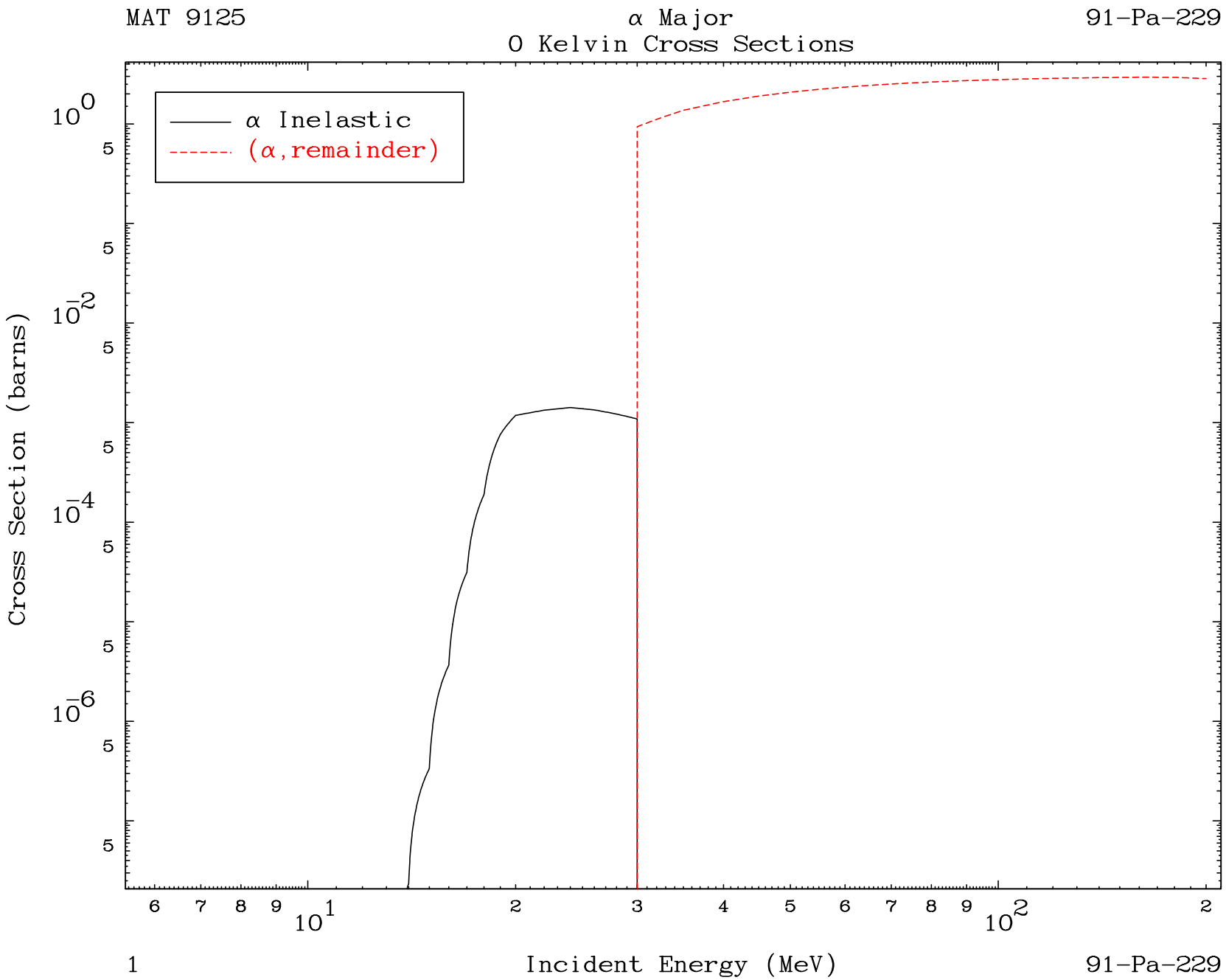
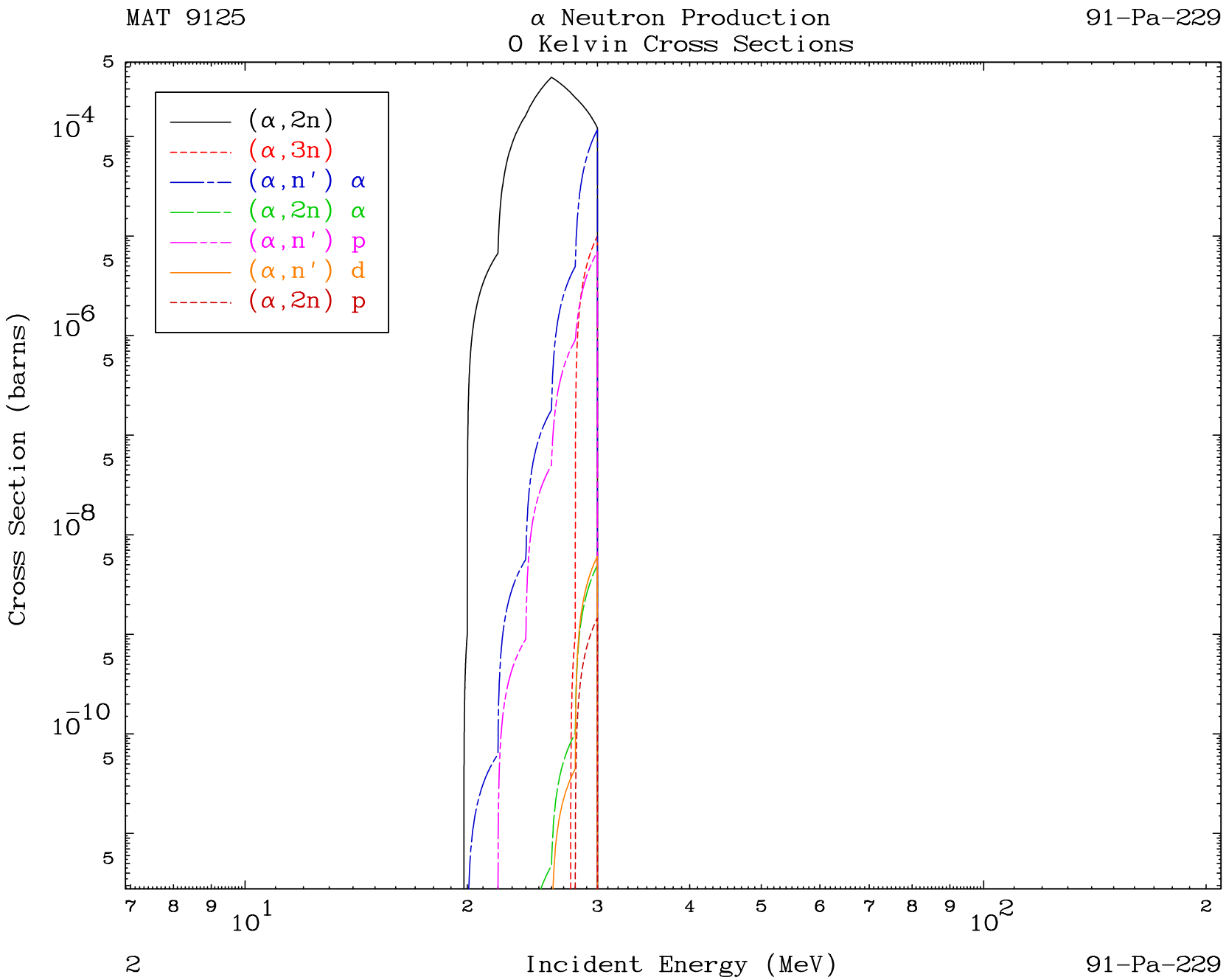
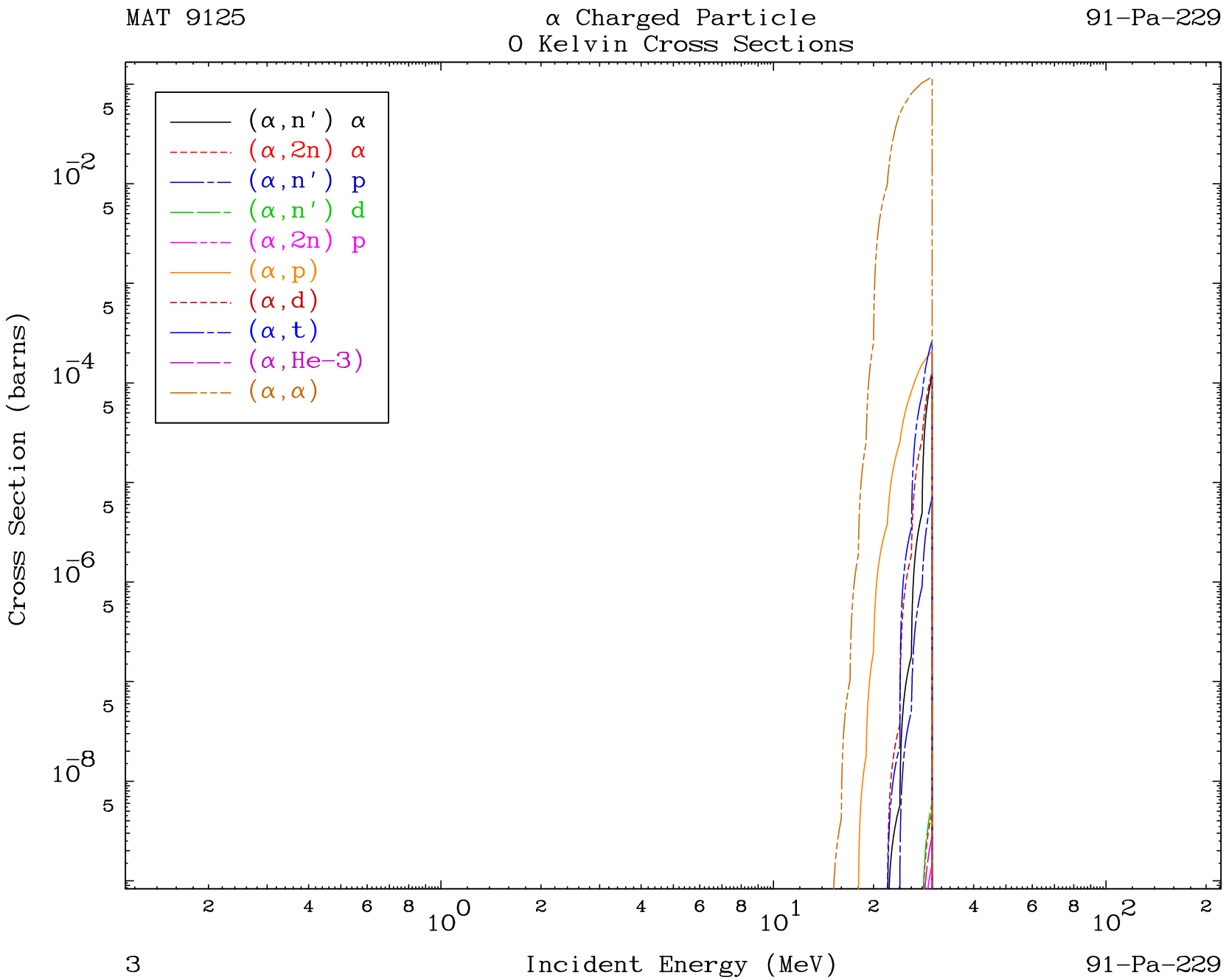
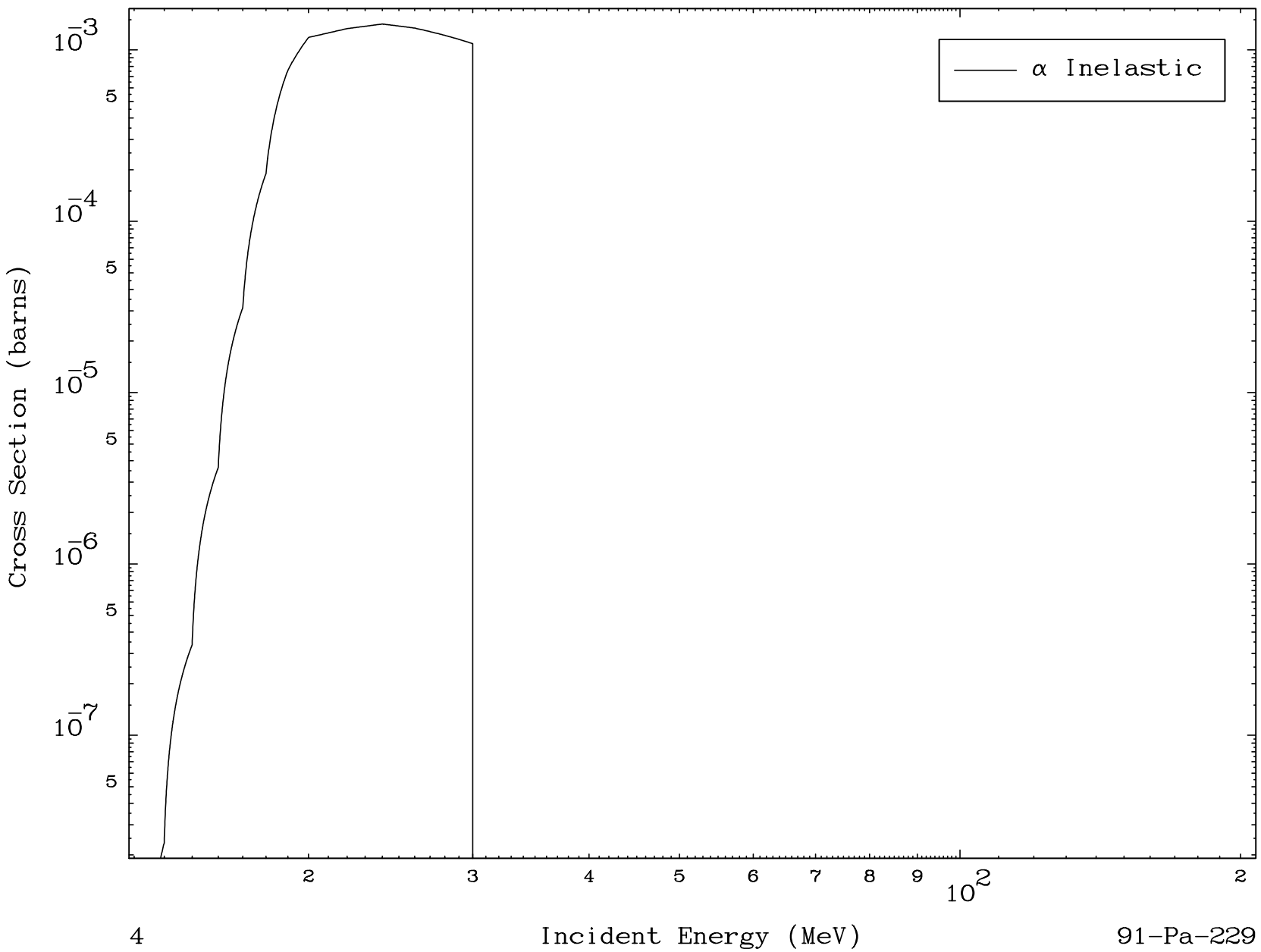
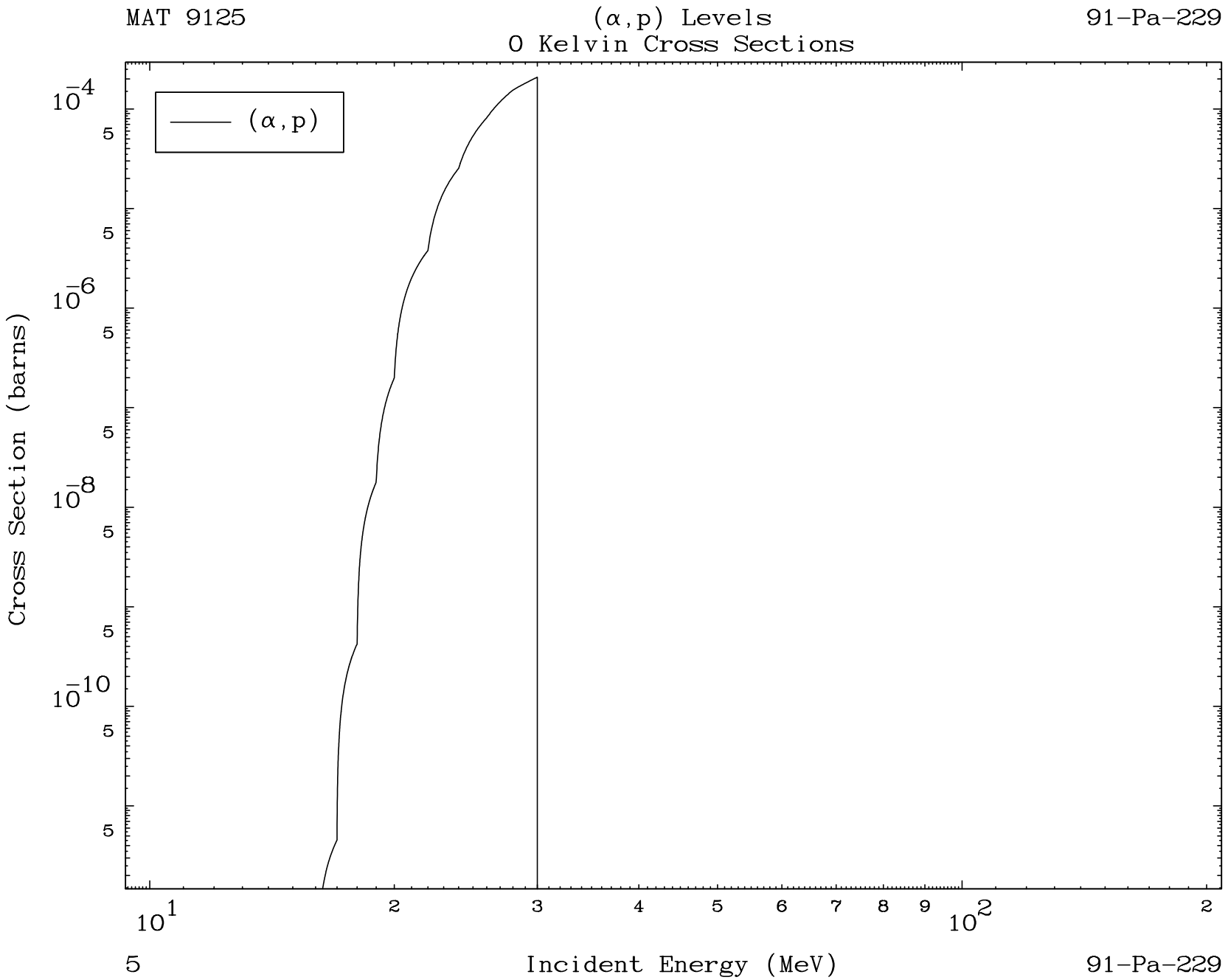
Press Mouse Button to Start

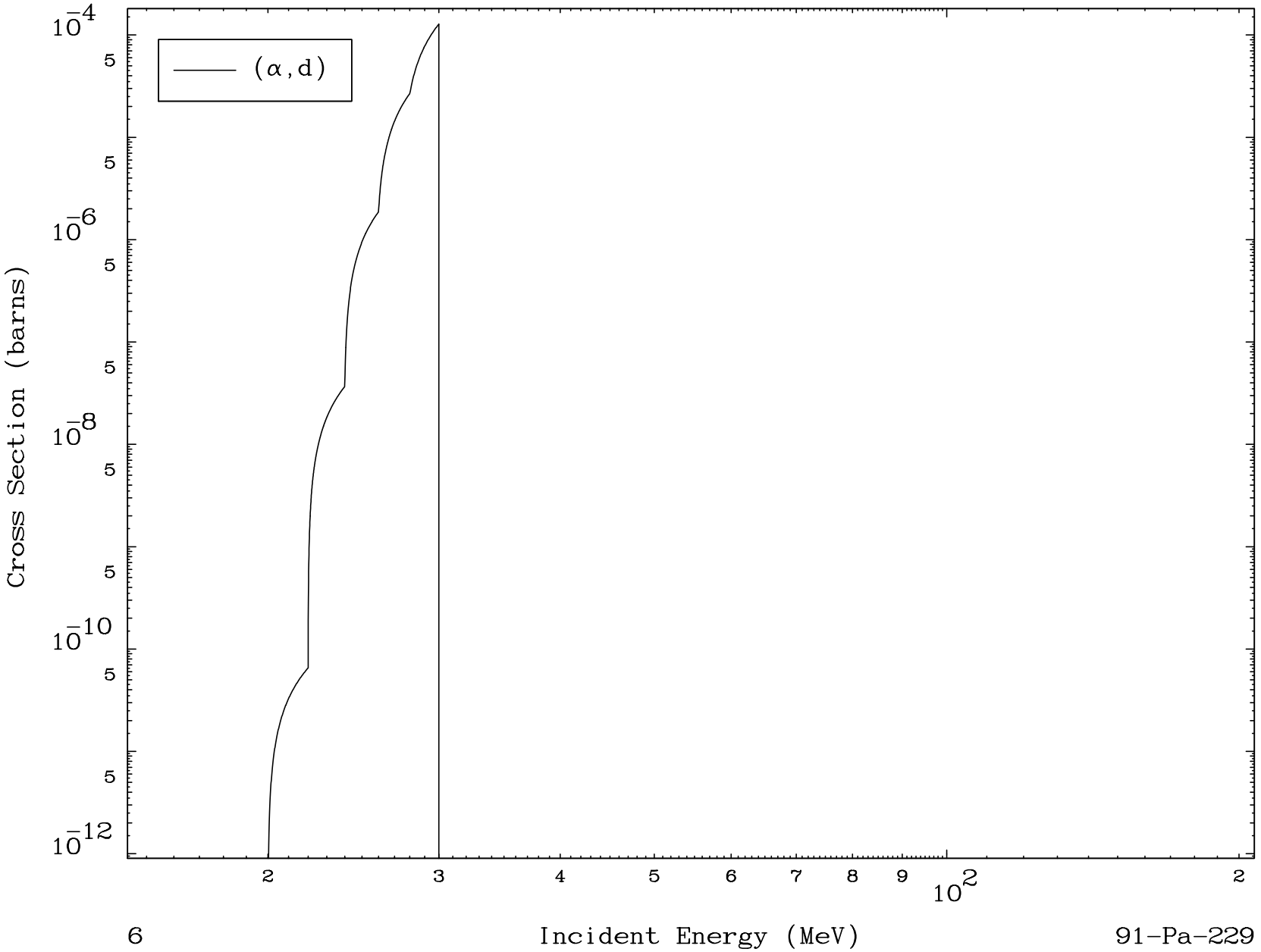

MAT 9125
α Major
91-Pa-229
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
Cross Section (barns)
Incident Energy (MeV)
91-Pa-229

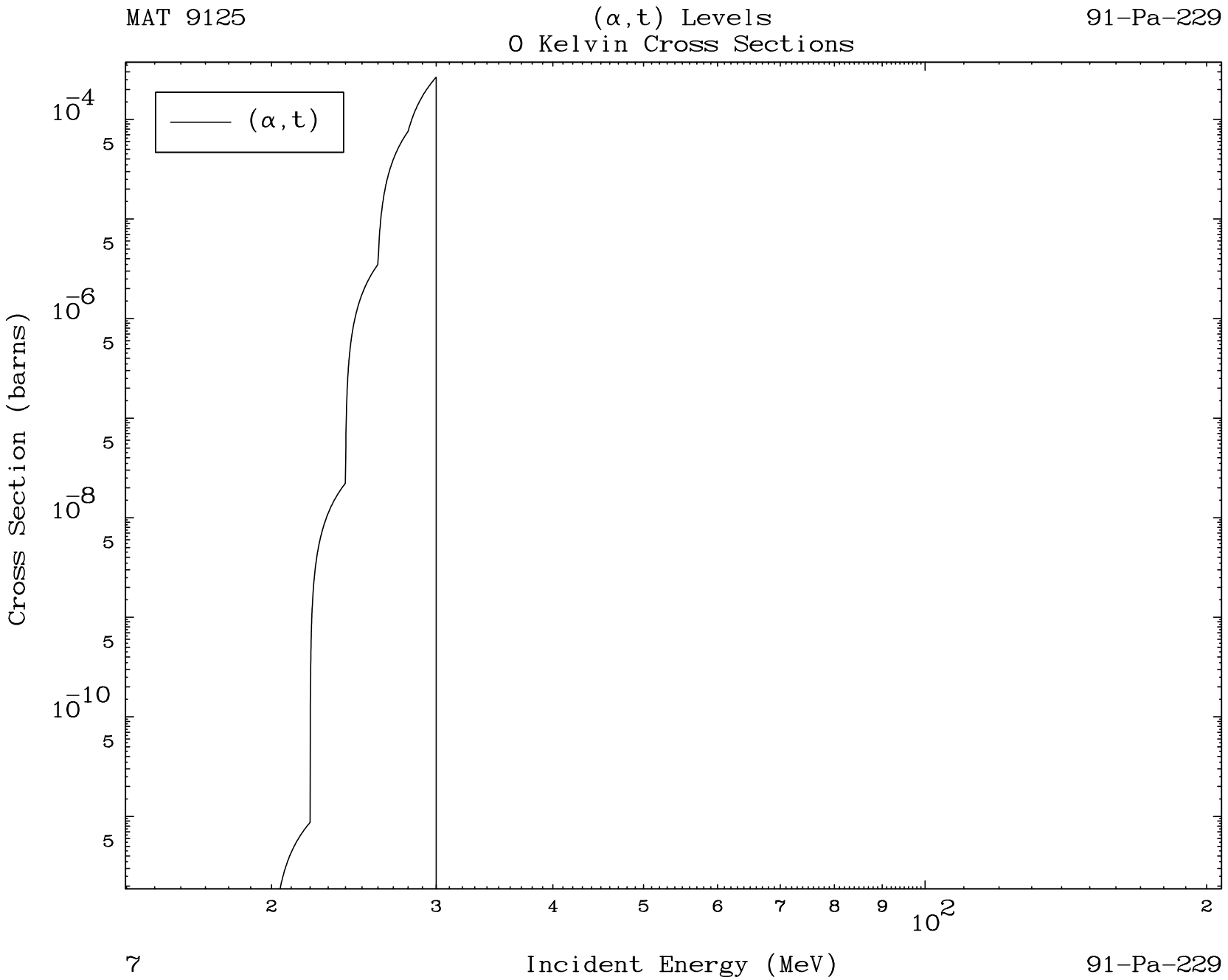

MAT 9125
α Neutron Production
0 Kelvin Cross Sections
91-Pa-229
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
91-Pa-229


MAT 9125
α Charged Particle
0 Kelvin Cross Sections
91-Pa-229
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
3
91-Pa-229

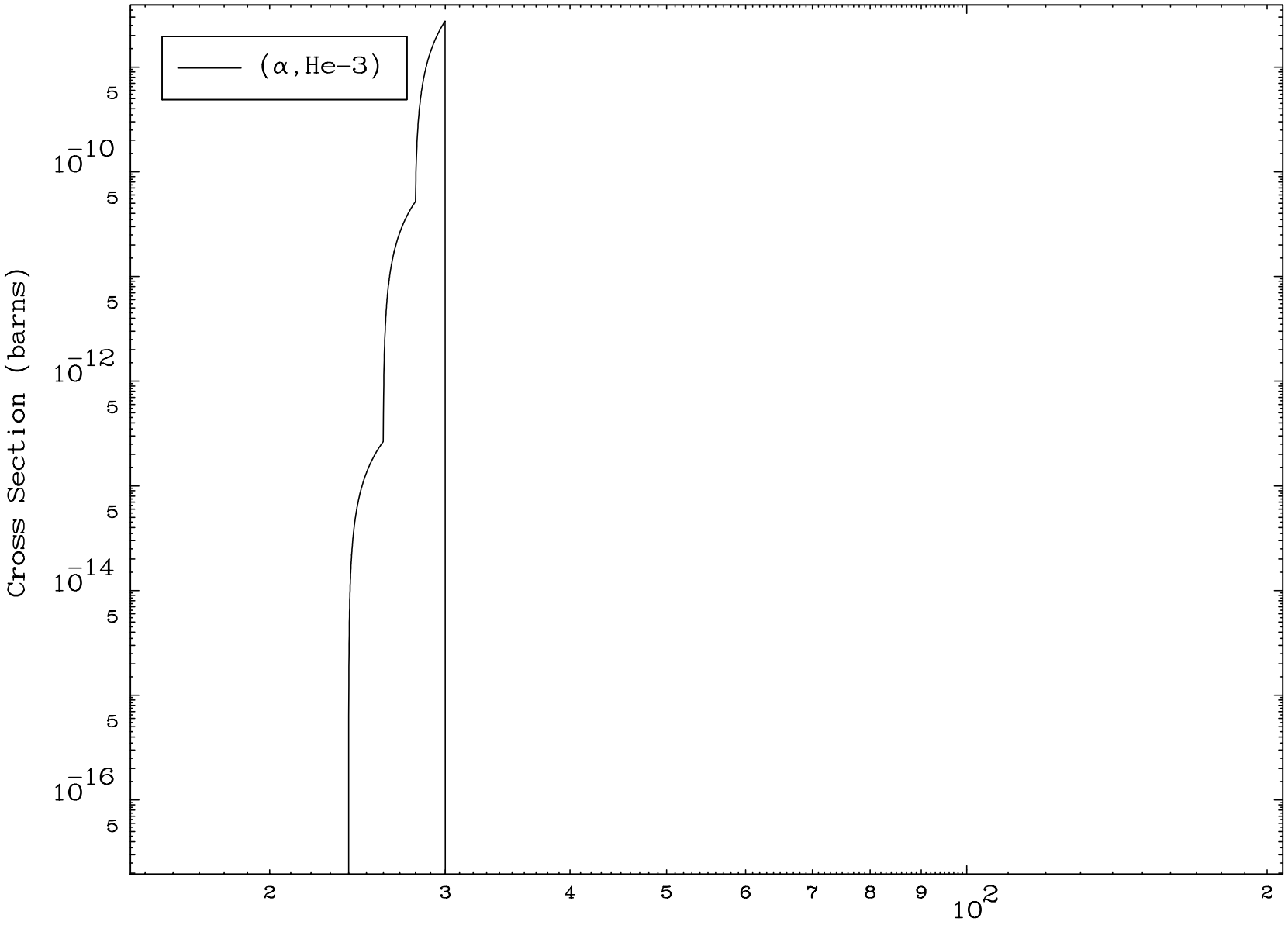

0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
10-7
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

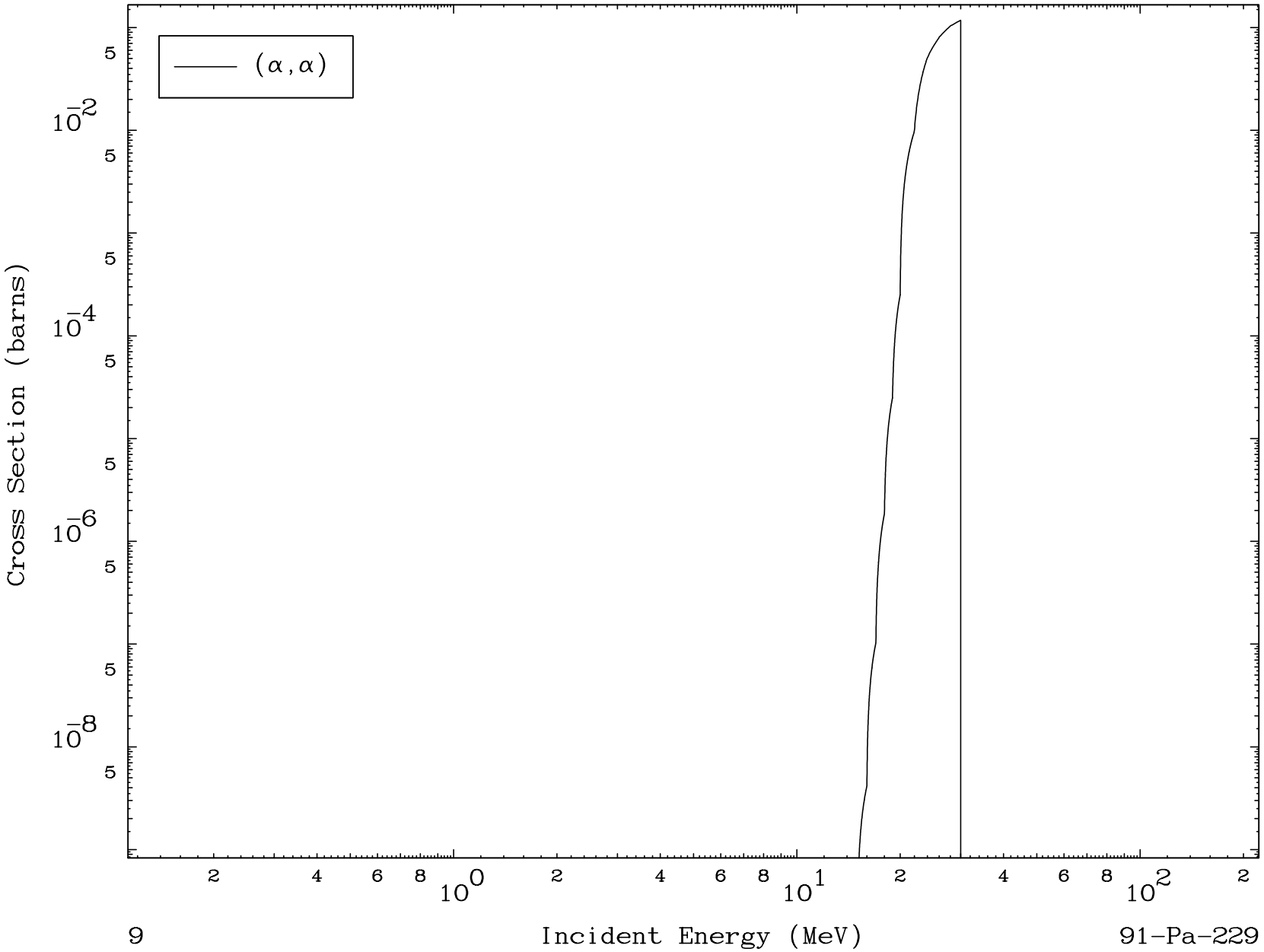

MAT 9125
(α,p) Levels
91-Pa-229
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
91-Pa-229

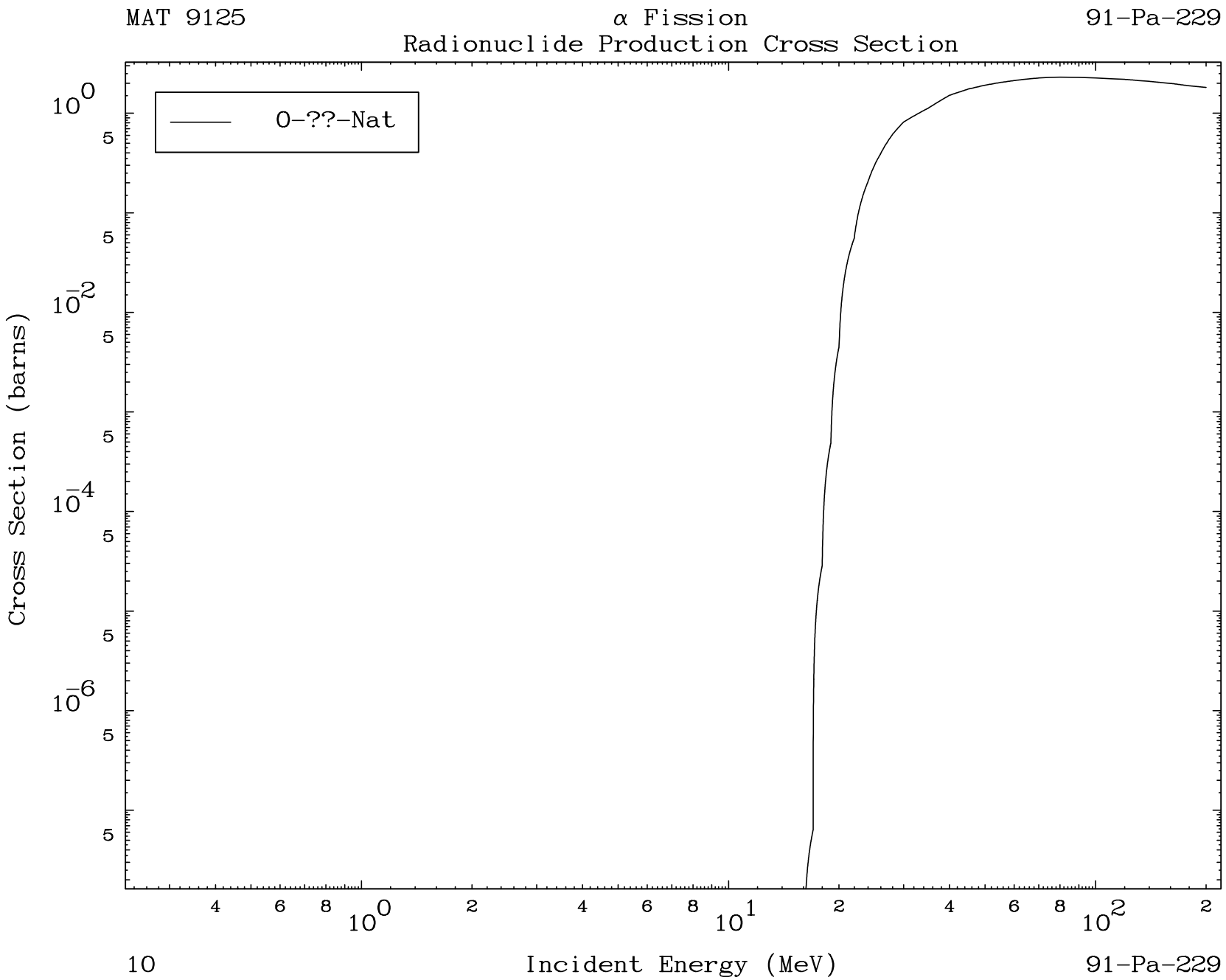

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 9125
(α,t) Levels
0 Kelvin Cross Sections
91-Pa-229
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
Incident Energy (MeV)
7
91-Pa-229

0 Kelvin Cross Sections




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


MAT 9125
α Fission
91-Pa-229
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
91-Pa-229