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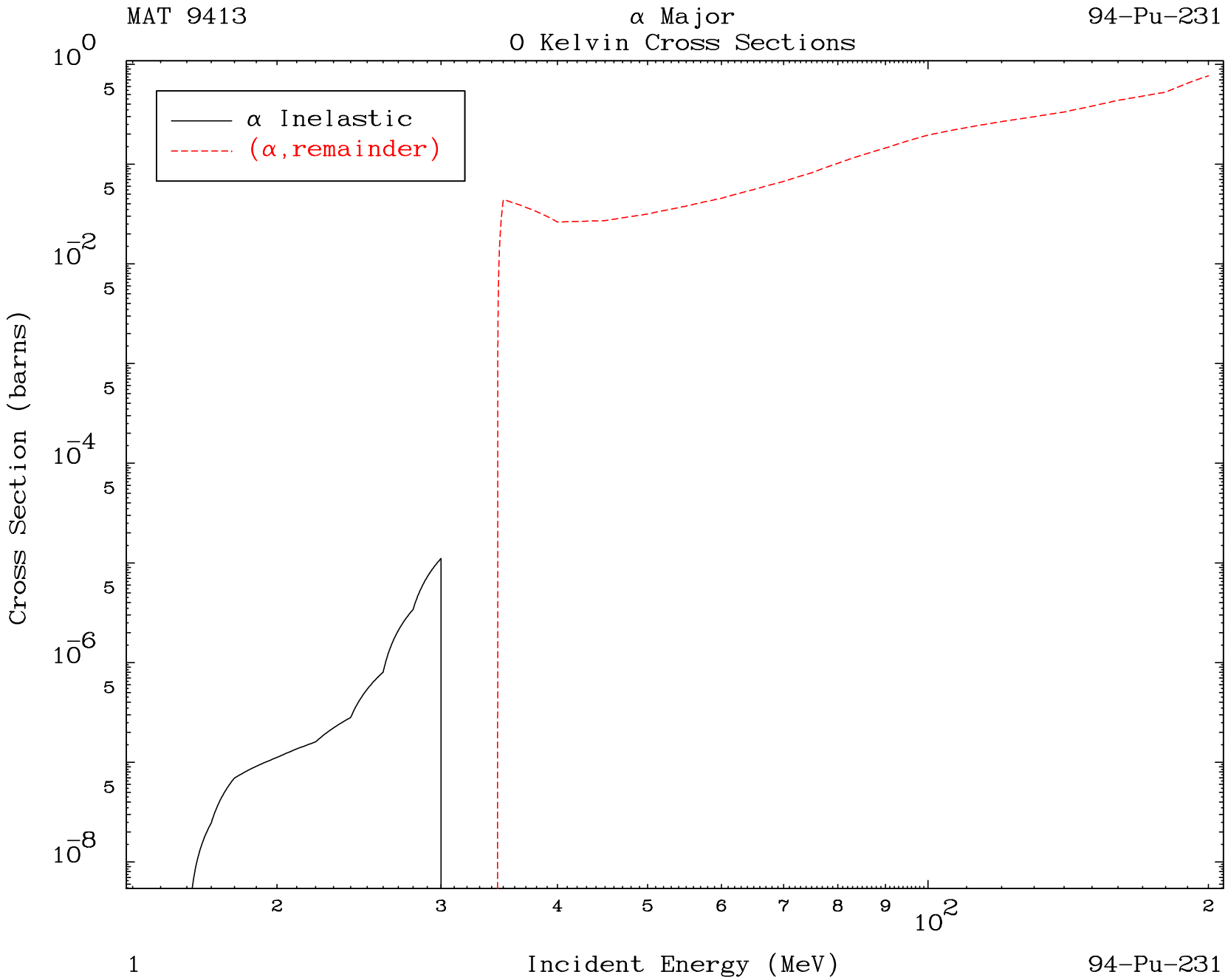
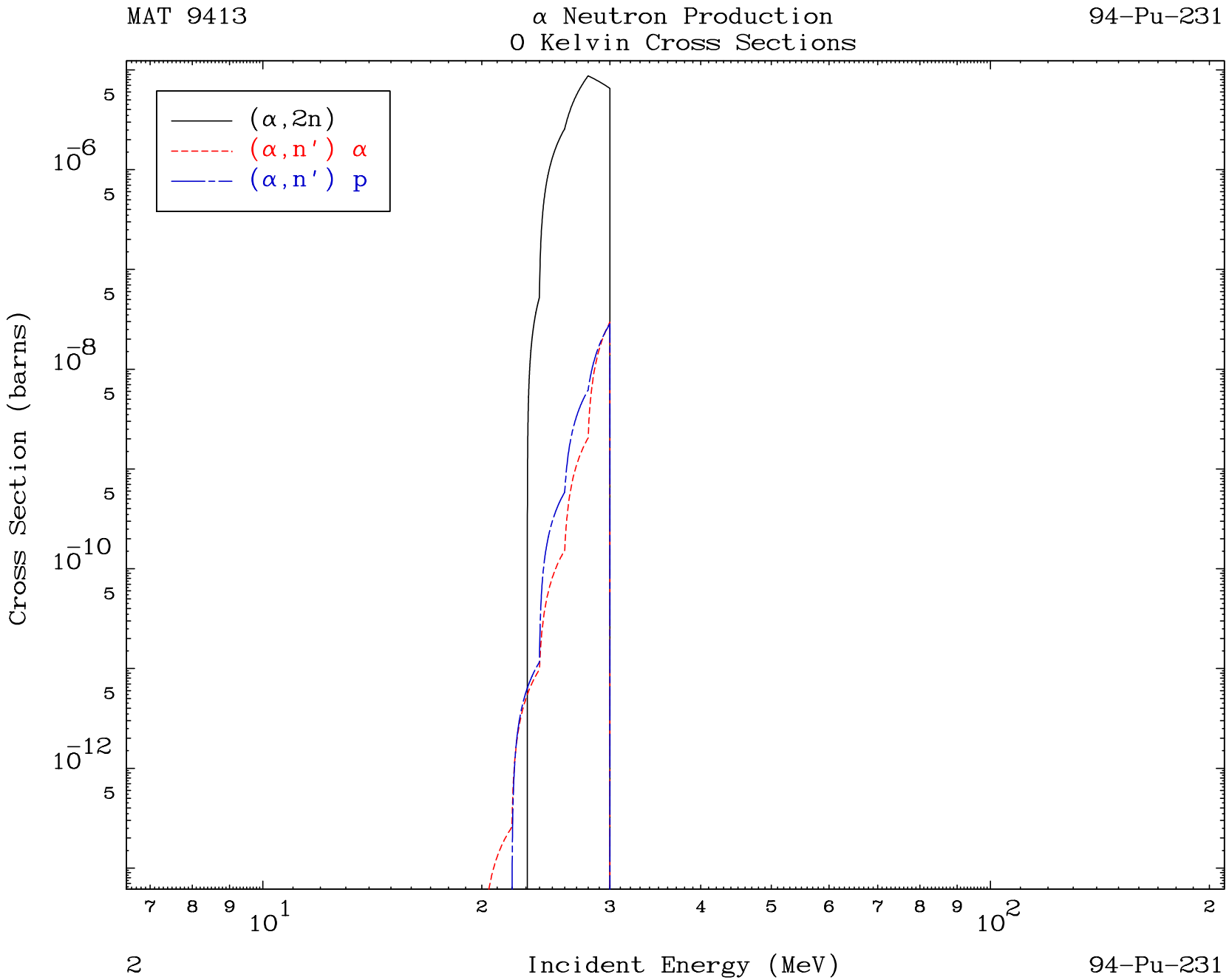
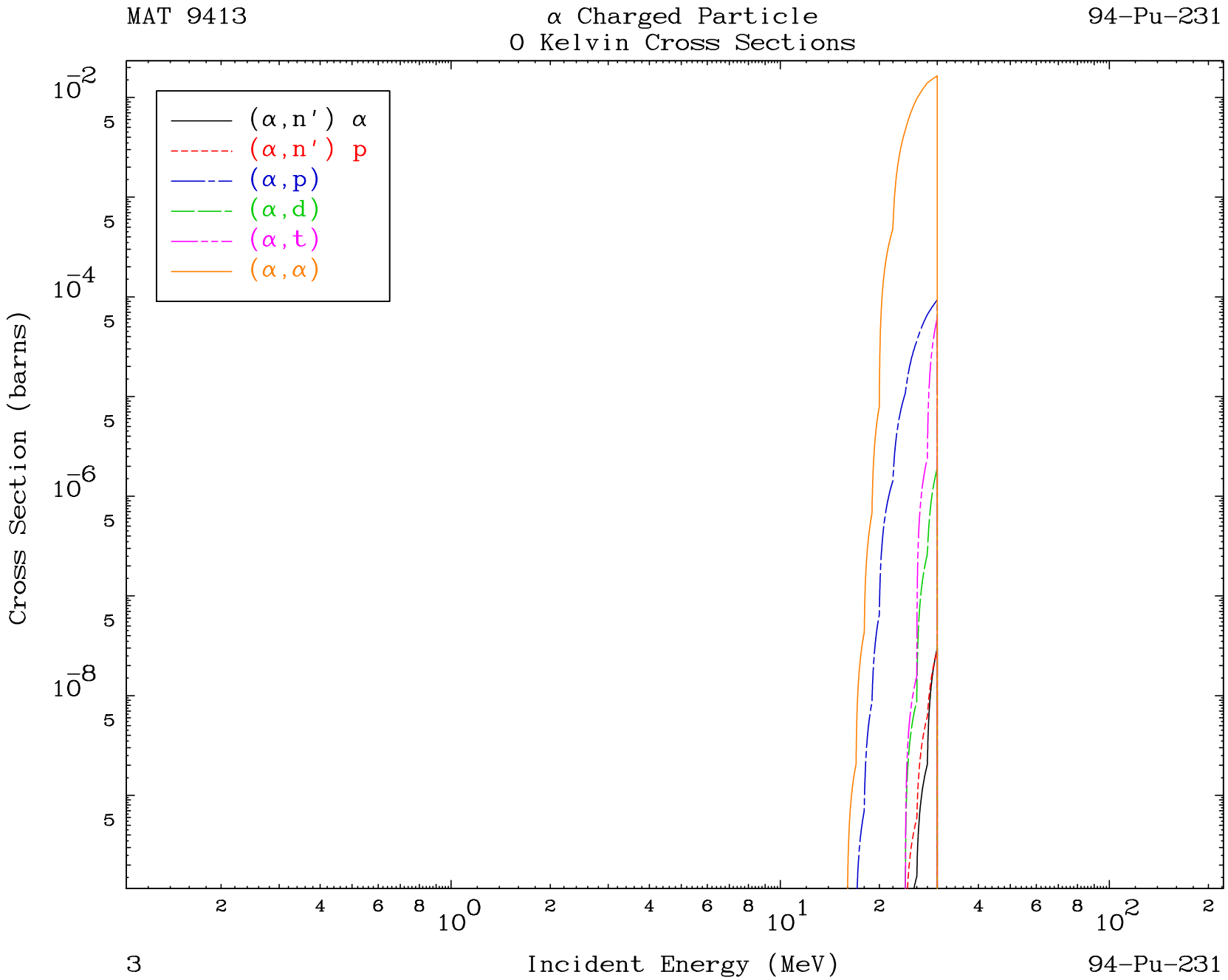
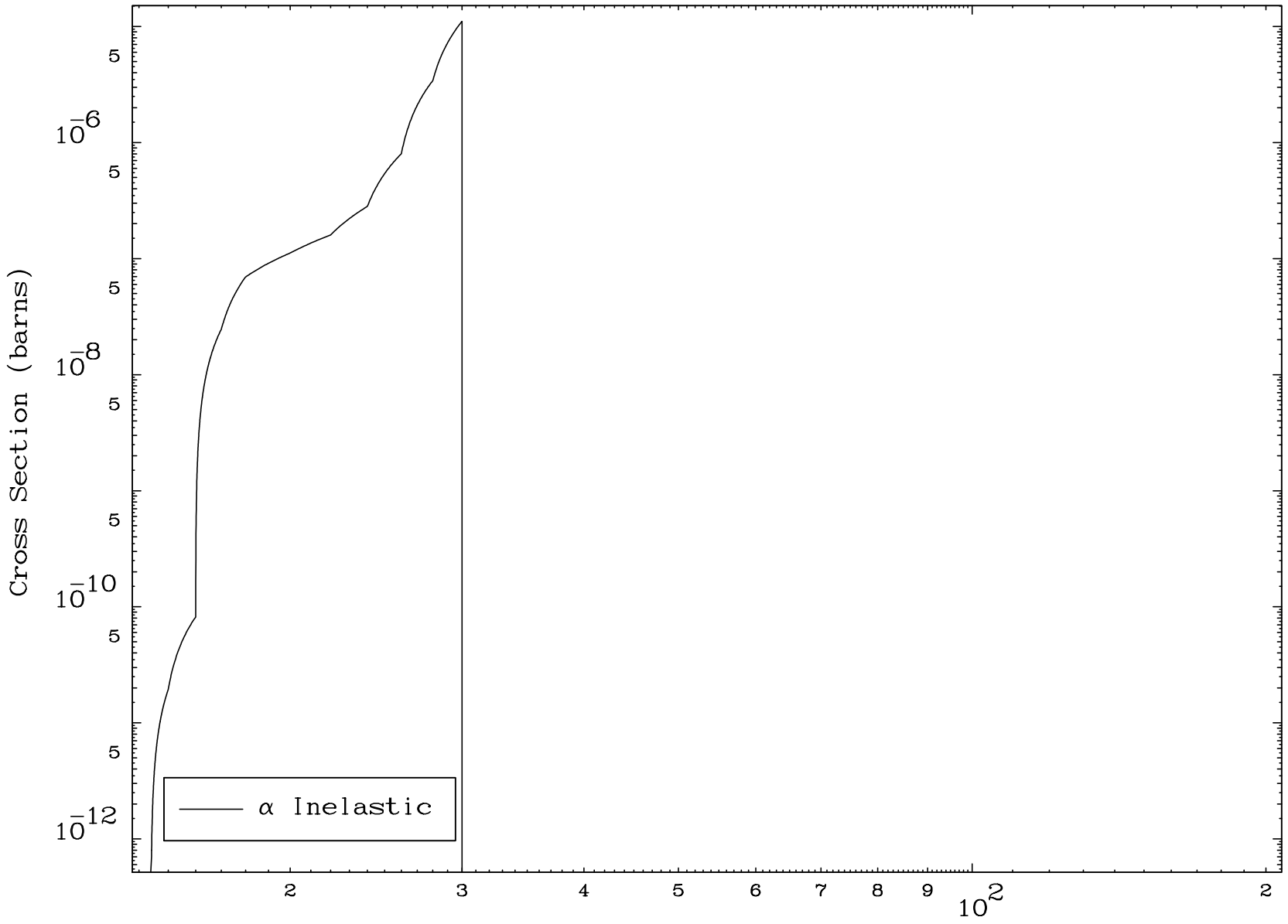
Press Mouse Button to Start

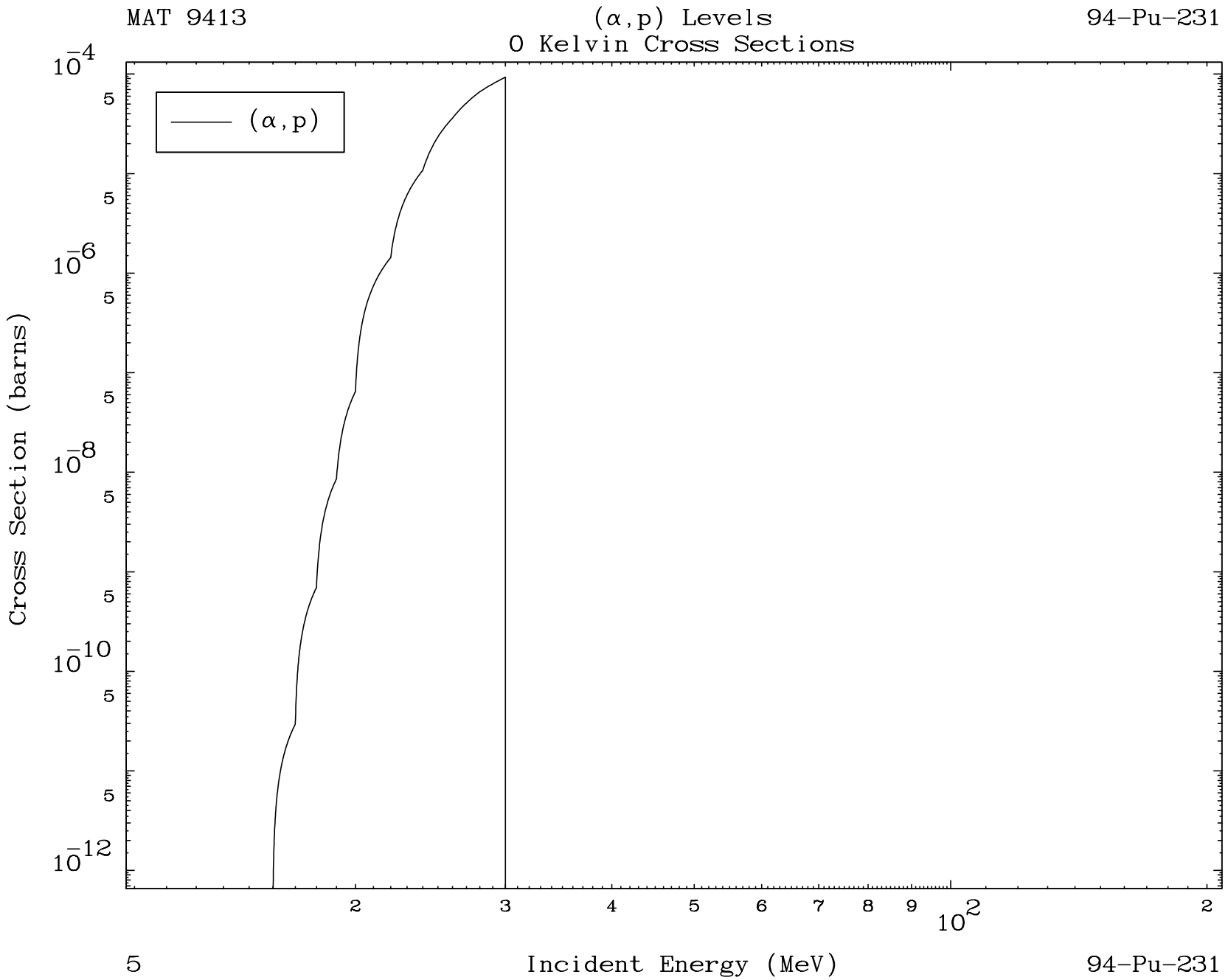

MAT 9413
α Major
94-Pu-231
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
Cross Section (barns)
Incident Energy (MeV)
94-Pu-231

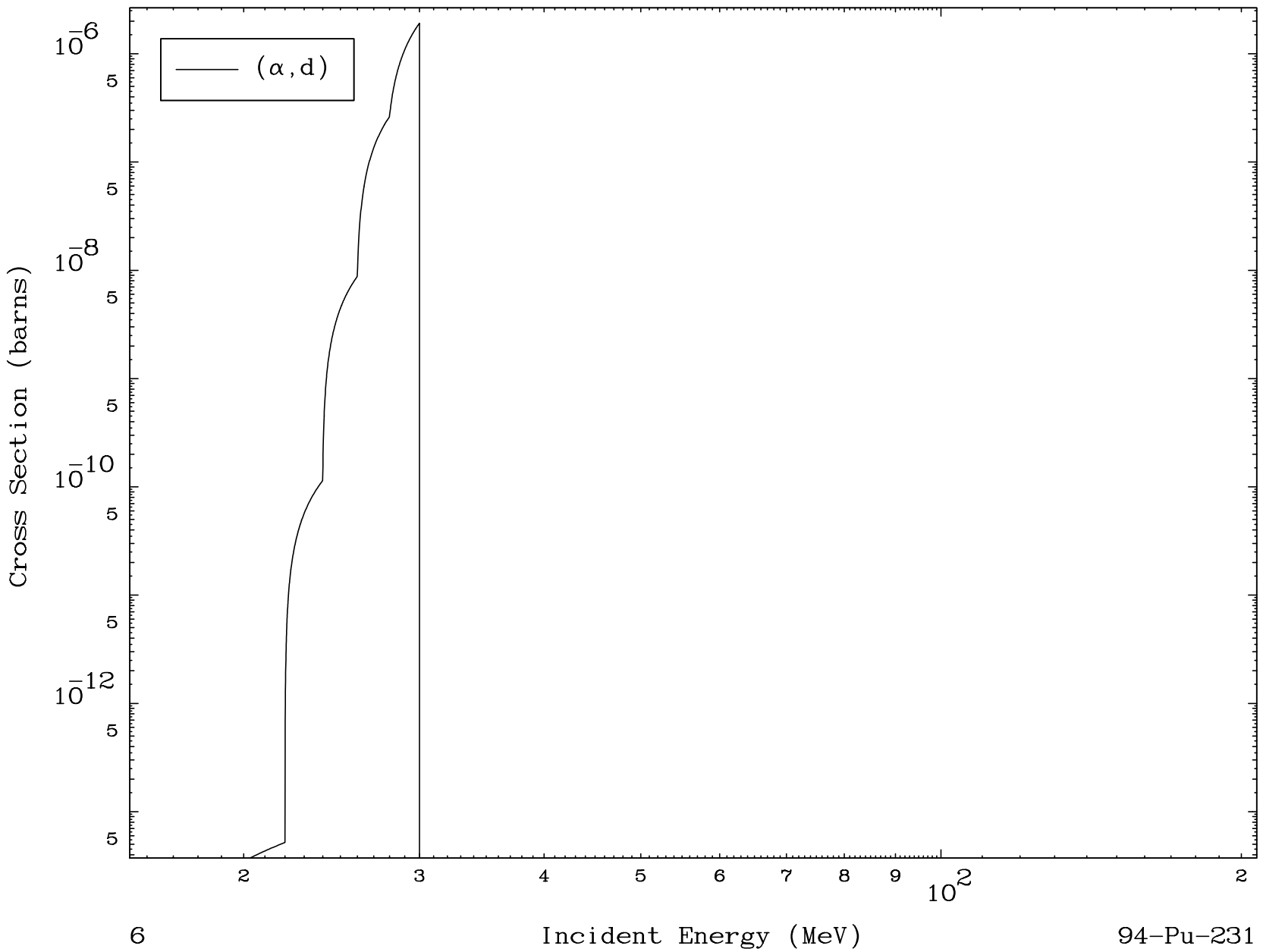

MAT 9413
α Neutron Production
0 Kelvin Cross Sections
94-Pu-231
(α,2n)
(α,n') α
(α,n') p
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
Incident Energy (MeV)
10^1
10^2
94-Pu-231

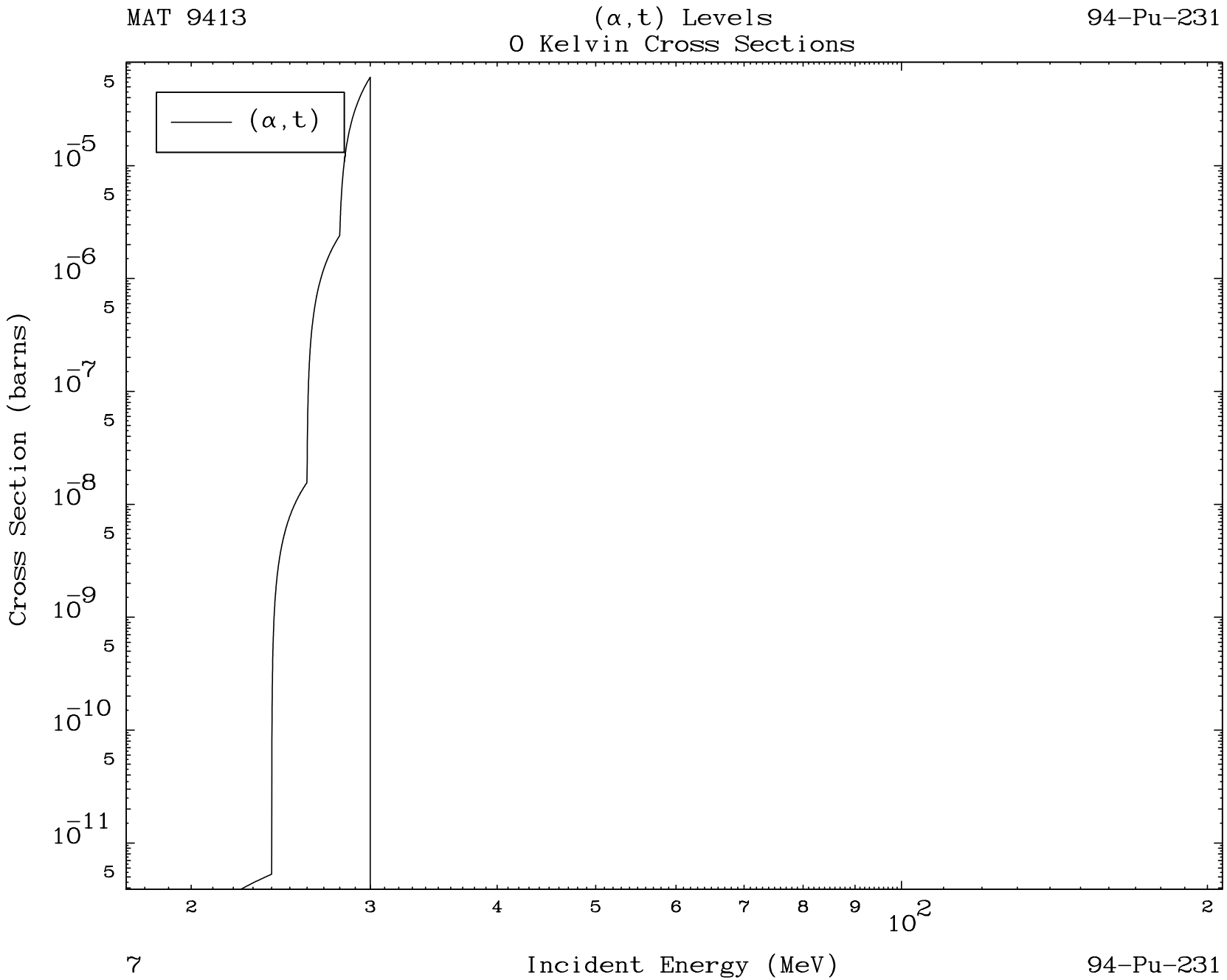

MAT 9413
α Charged Particle
0 Kelvin Cross Sections
94-Pu-231
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
3
94-Pu-231

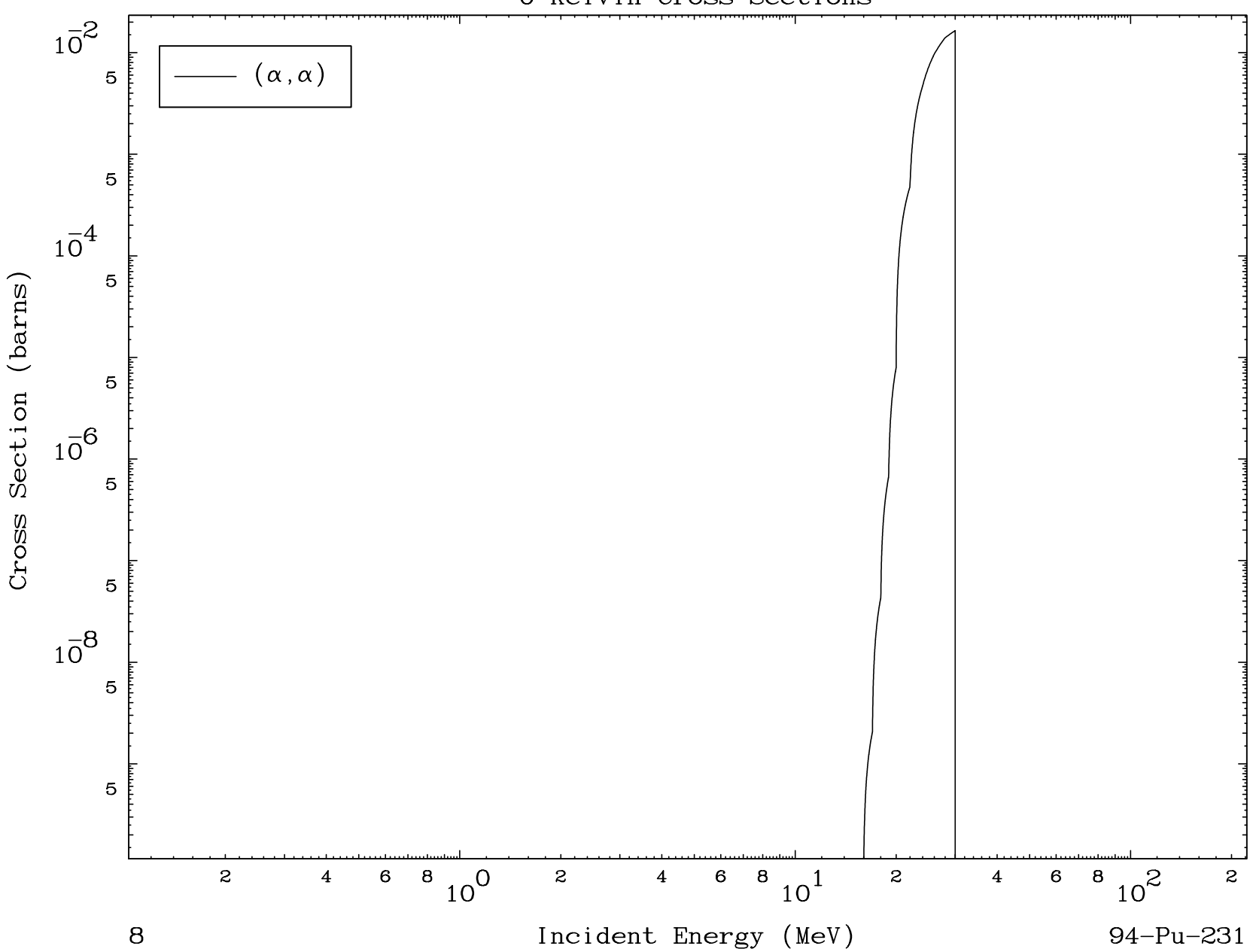
0 Kelvin Cross Sections

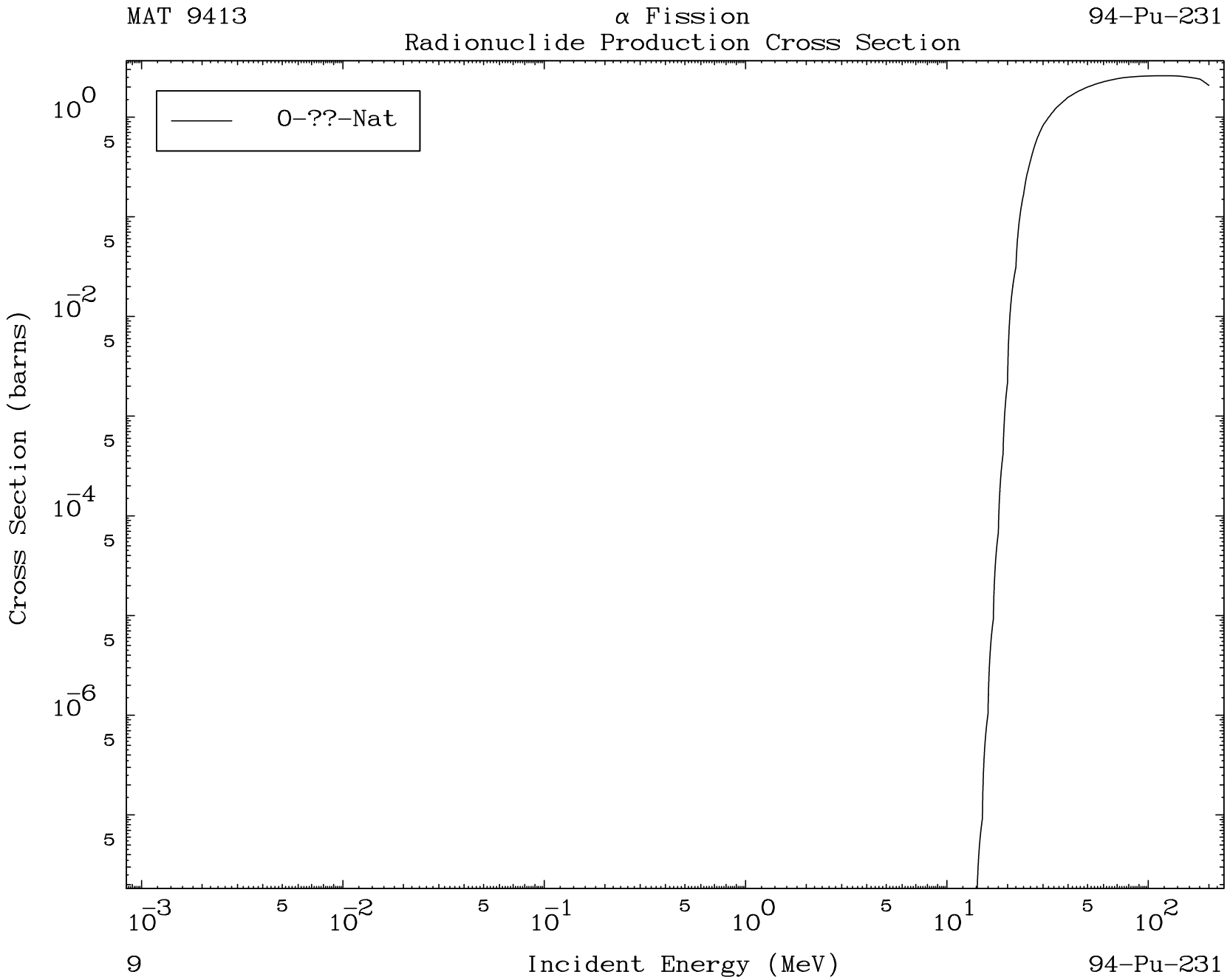



MAT 9413
(α,p) Levels
94-Pu-231
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
94-Pu-231


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 9413
(α,t) Levels
94-Pu-231
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-5
10-6
10-7
10-8
10-9
10-10
10-11
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
94-Pu-231


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


MAT 9413
α Fission
94-Pu-231
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)
94-Pu-231