Program EVALPLOT
(Version 2021-1)
by
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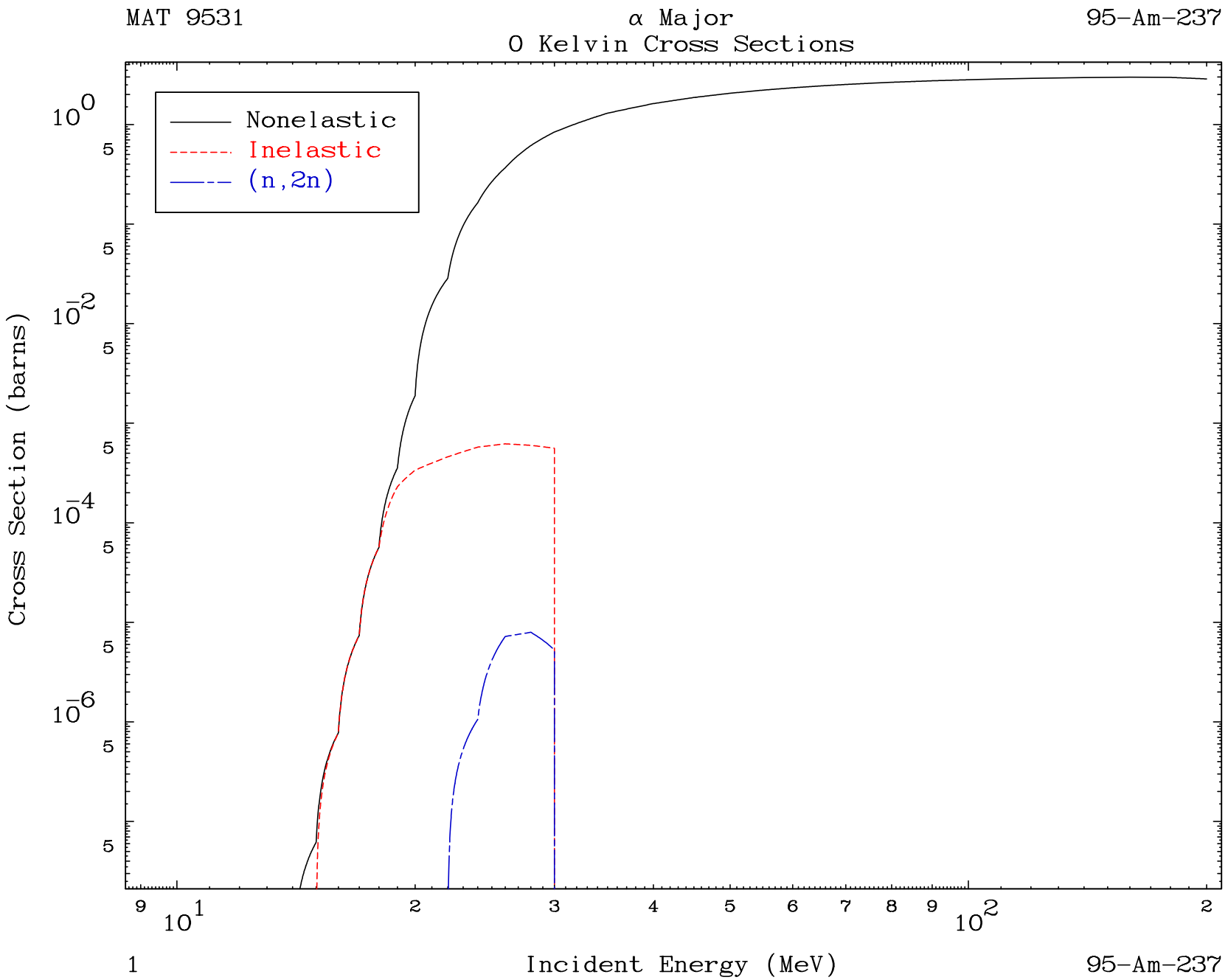
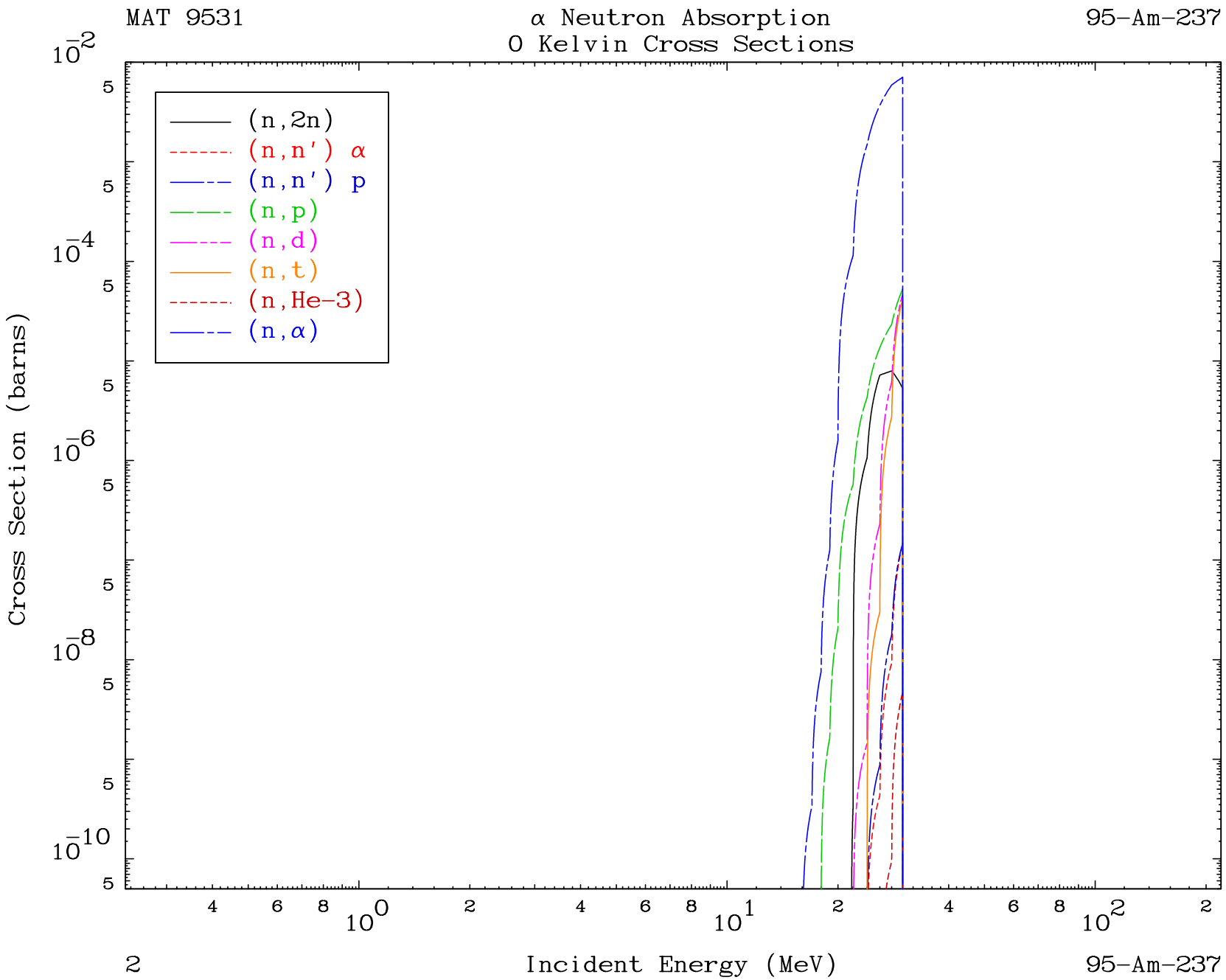
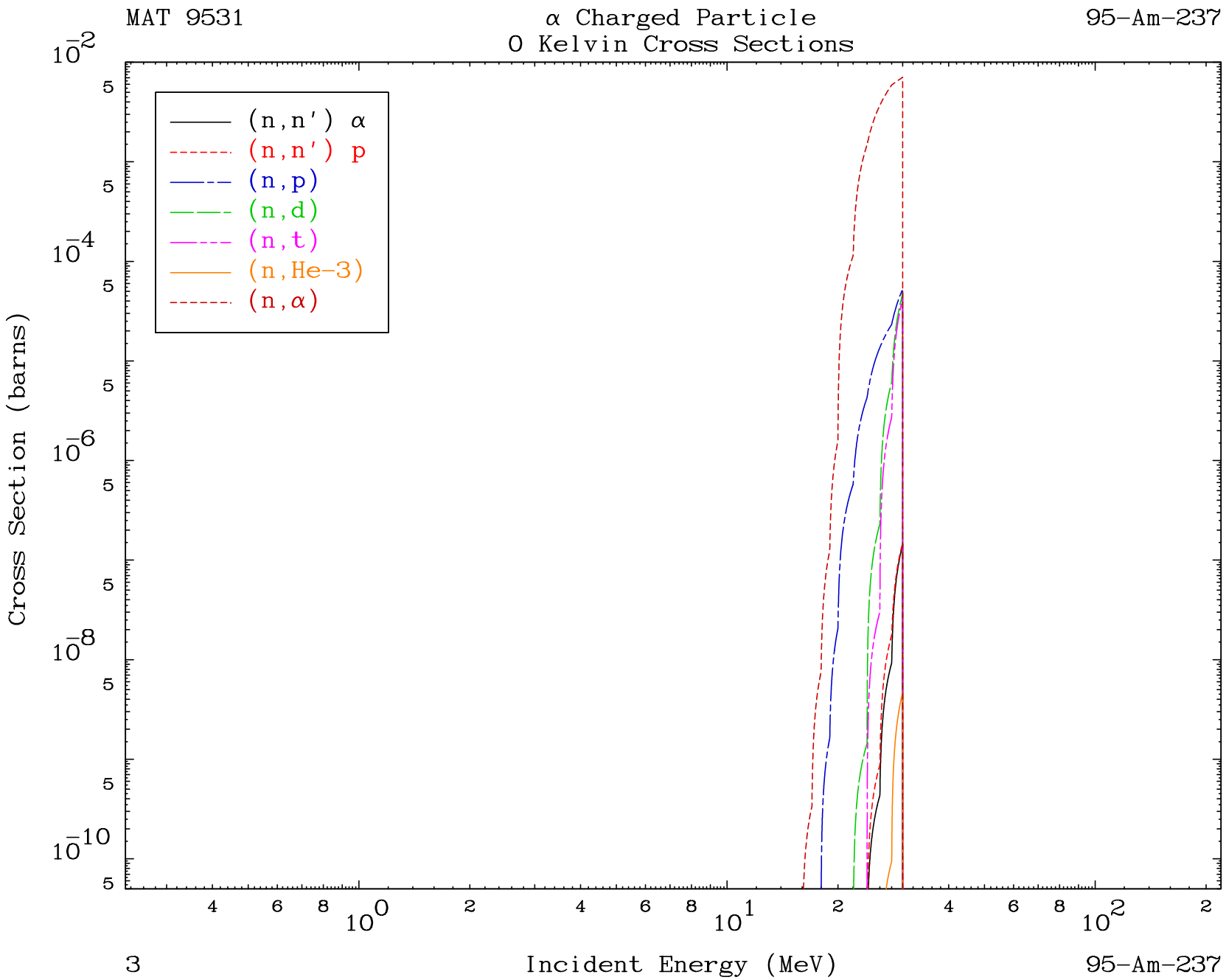
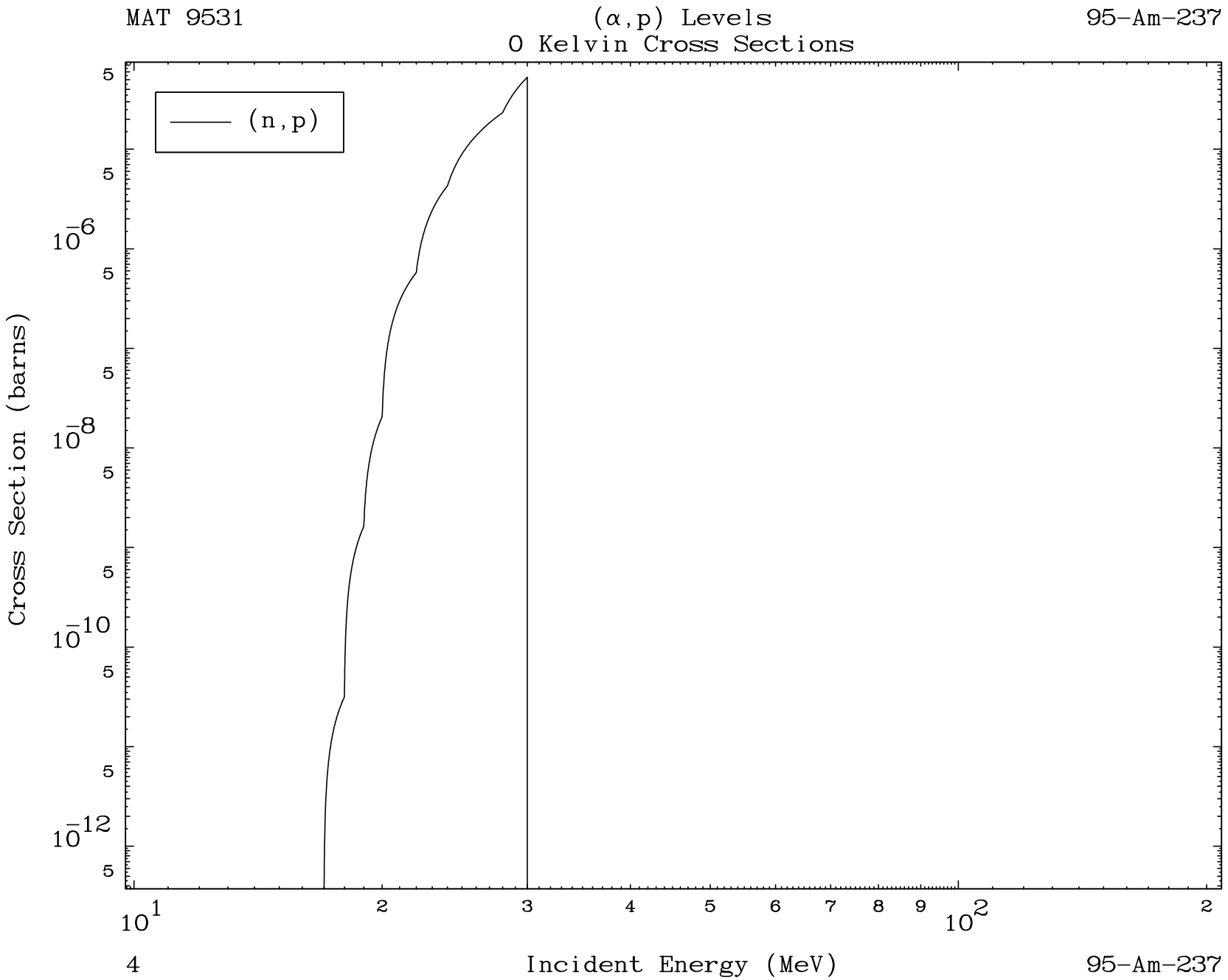
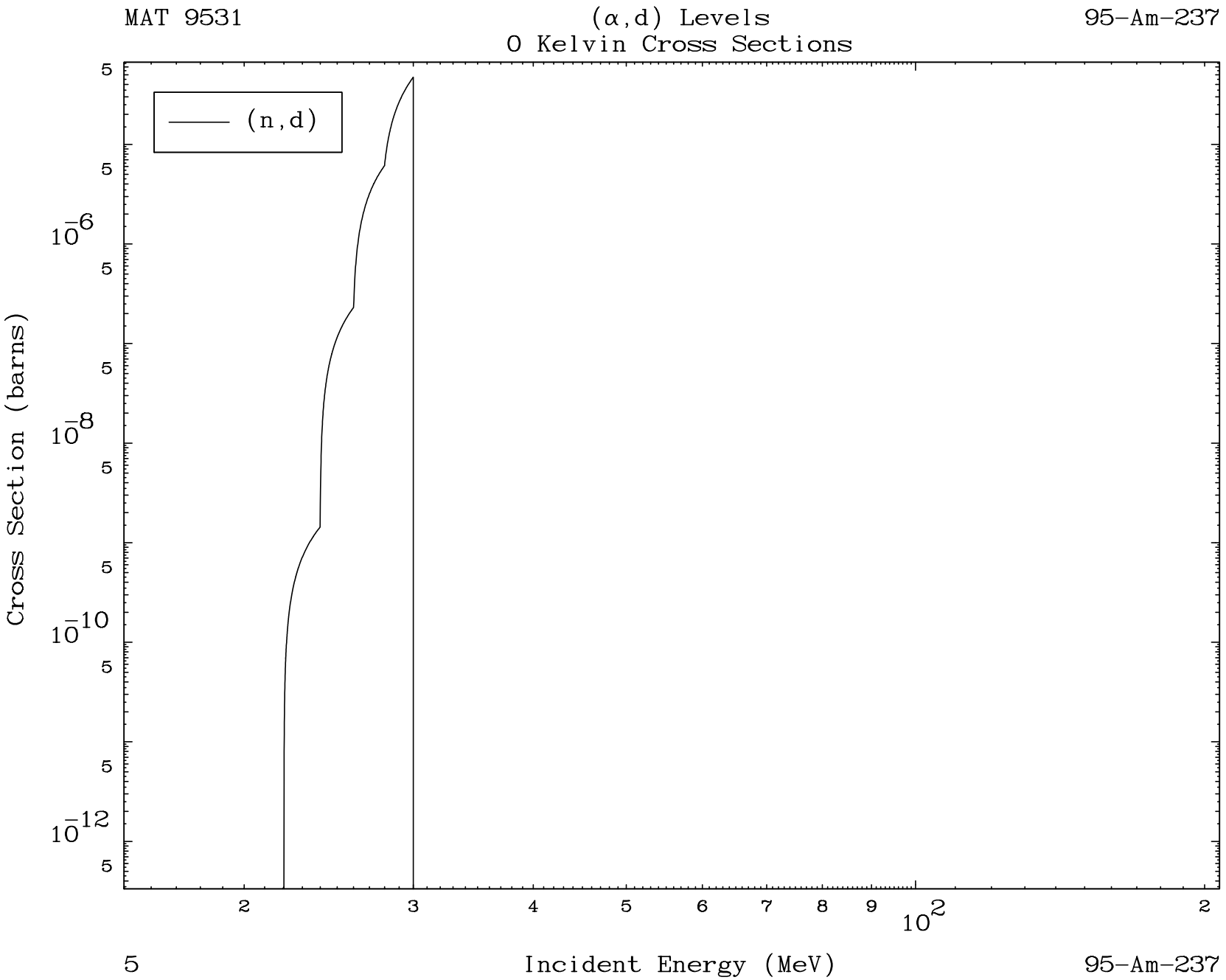
Press Mouse Button to Start

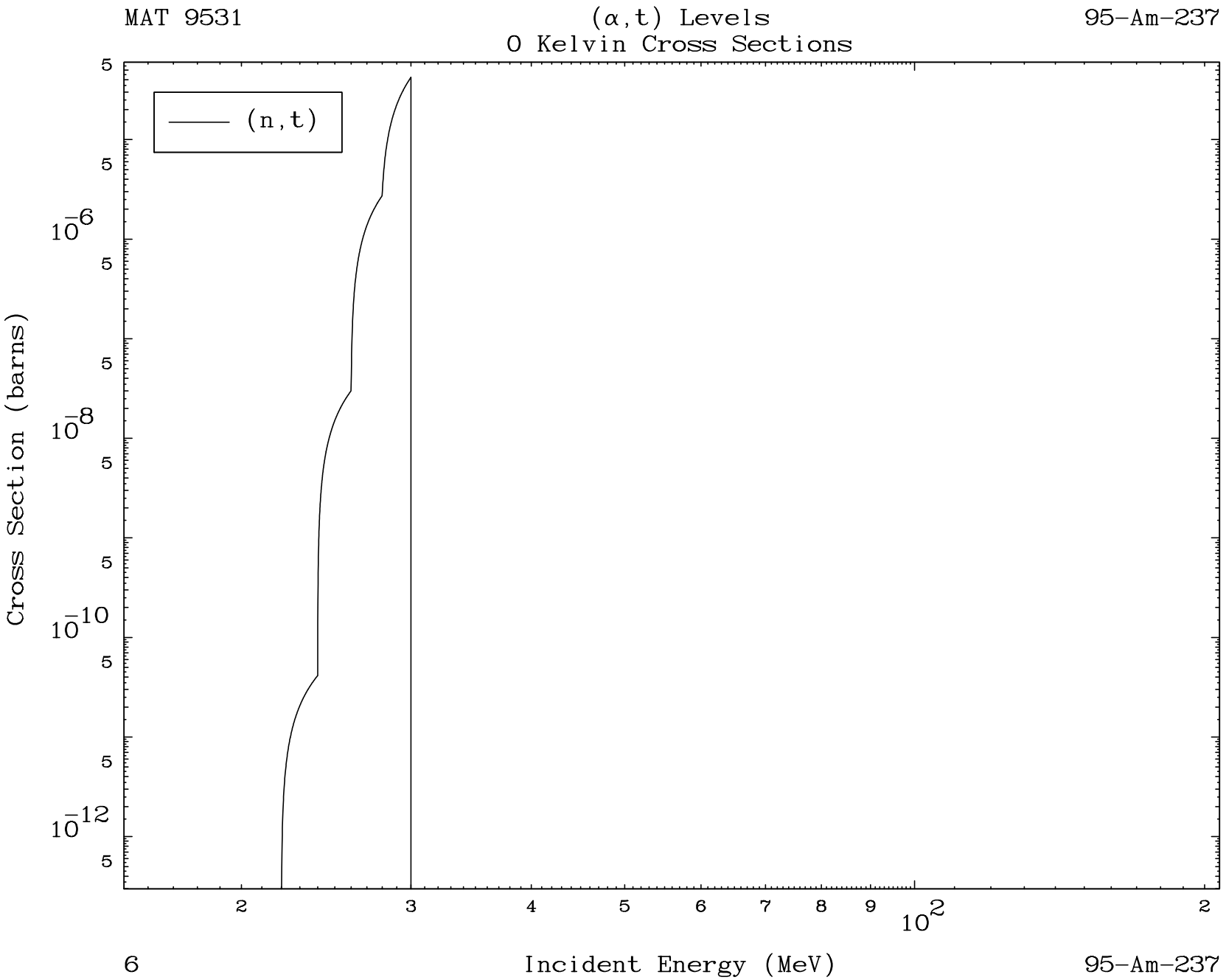

MAT 9531
α Major
95-Am-237
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
Incident Energy (MeV)
95-Am-237

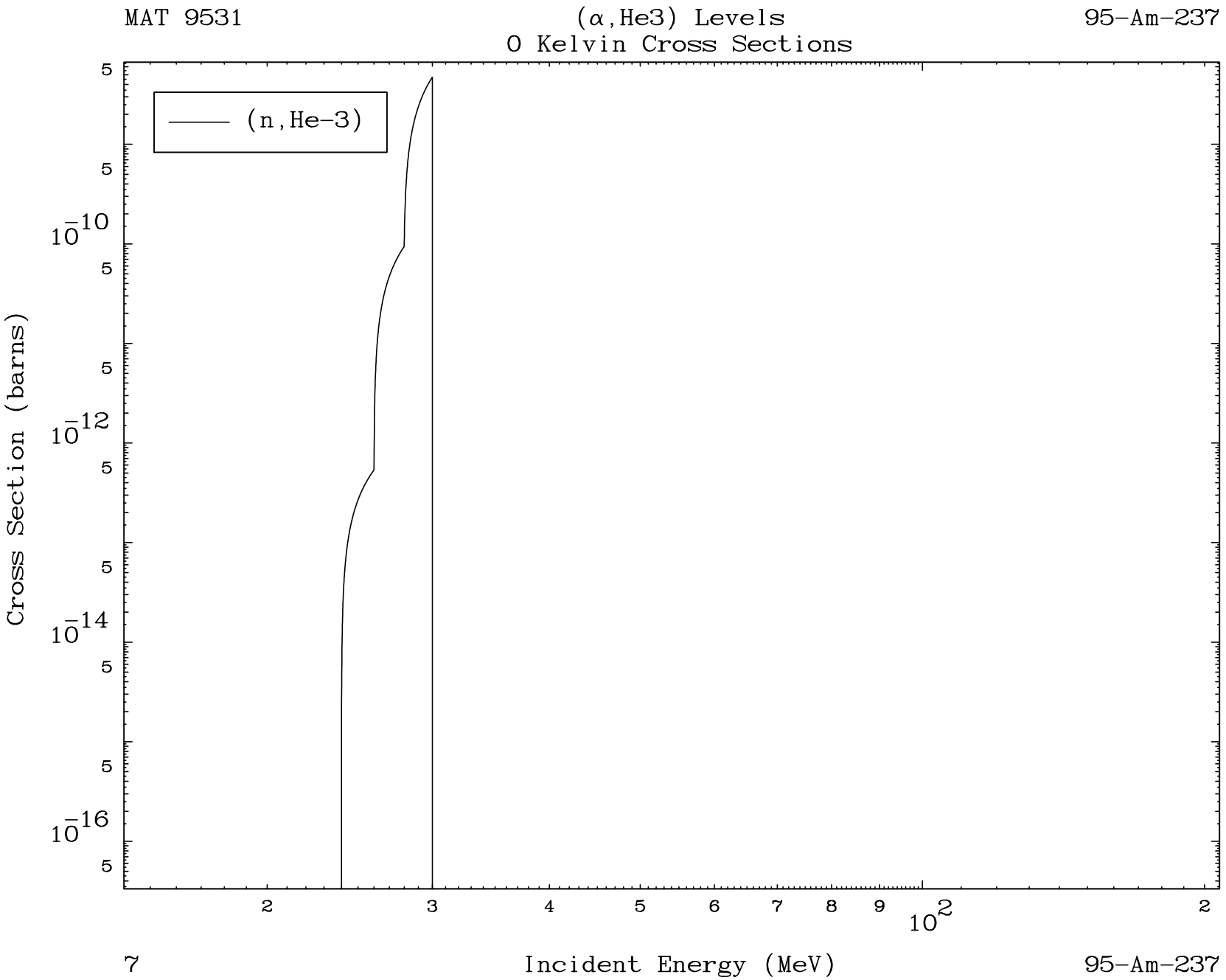

MAT 9531
α Neutron Absorption
0 Kelvin Cross Sections
95-Am-237
(n,2n)
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
95-Am-237

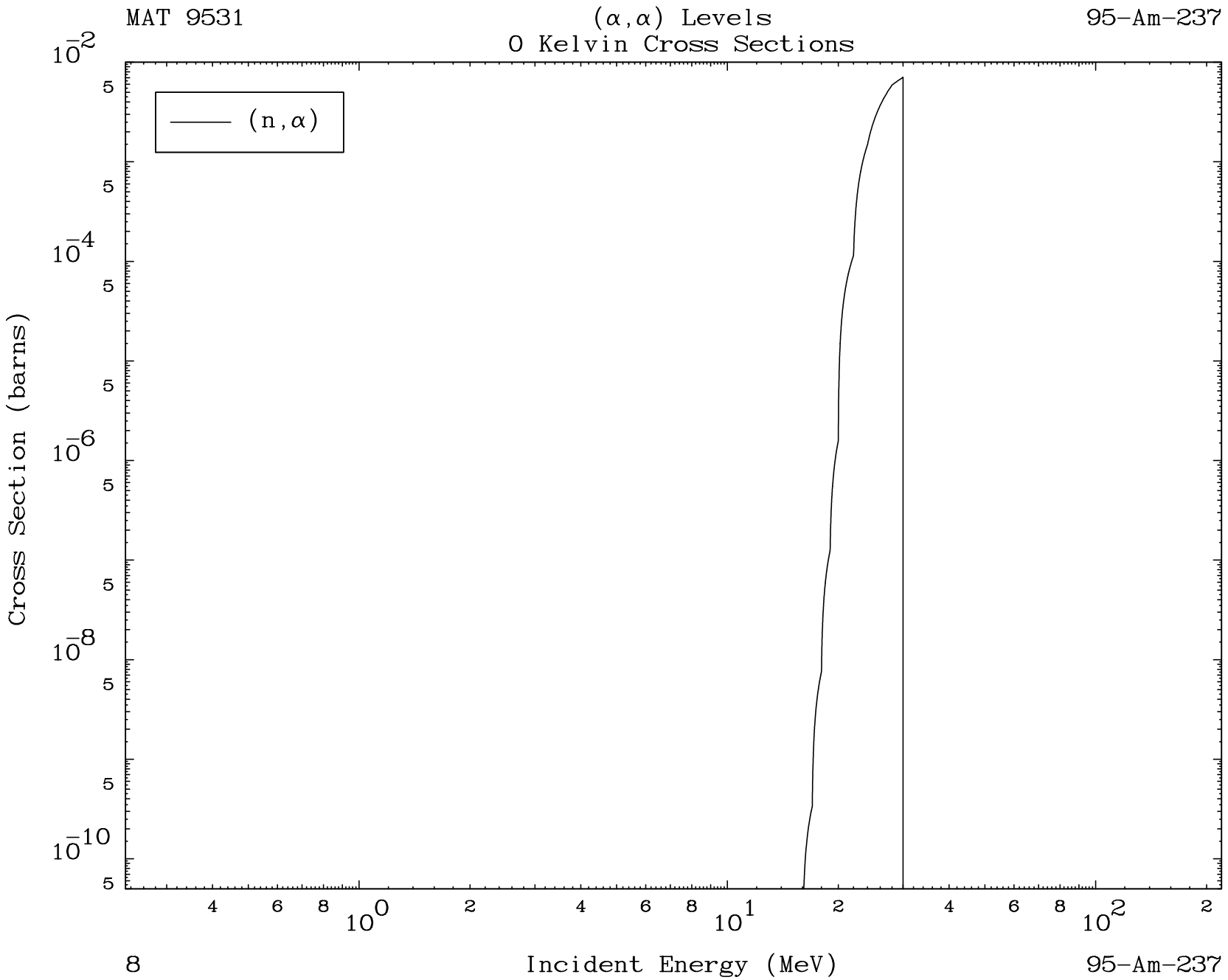

MAT 9531
α Charged Particle
0 Kelvin Cross Sections
95-Am-237
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
95-Am-237

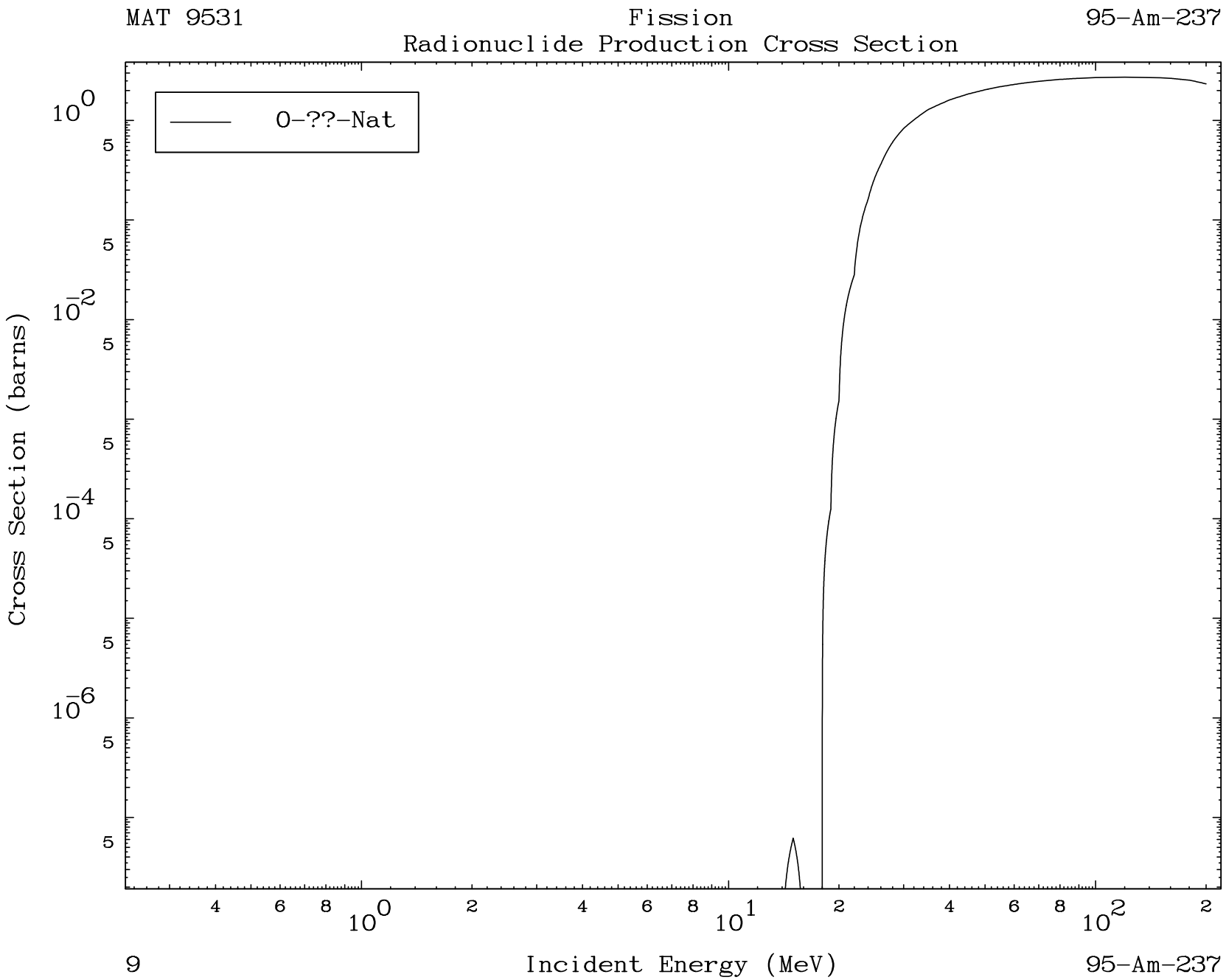

MAT 9531
(α,p) Levels
95-Am-237
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
95-Am-237
4

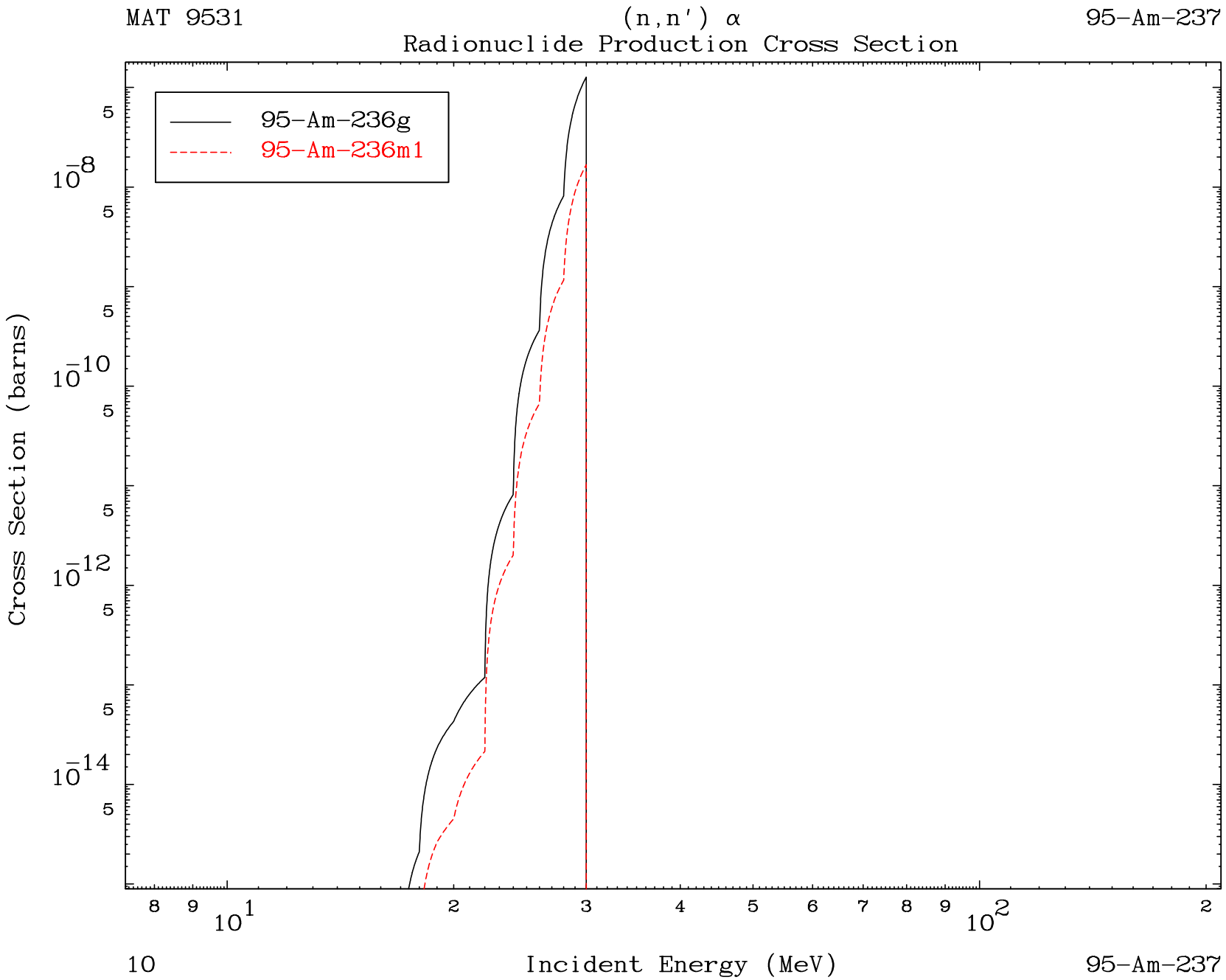

MAT 9531
(α,d) Levels
95-Am-237
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
95-Am-237


MAT 9531
(α,t) Levels
95-Am-237
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
6
Incident Energy (MeV)
95-Am-237


MAT 9531
(α,He3) Levels
95-Am-237
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
95-Am-237


MAT 9531
(α,α) Levels
95-Am-237
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
95-Am-237
8


MAT 9531
Fission
95-Am-237
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
95-Am-237


MAT 9531
(n,n') α
95-Am-237
Radionuclide Production Cross Section
95-Am-236g
95-Am-236m1
Cross Section (barns)
Incident Energy (MeV)
95-Am-237