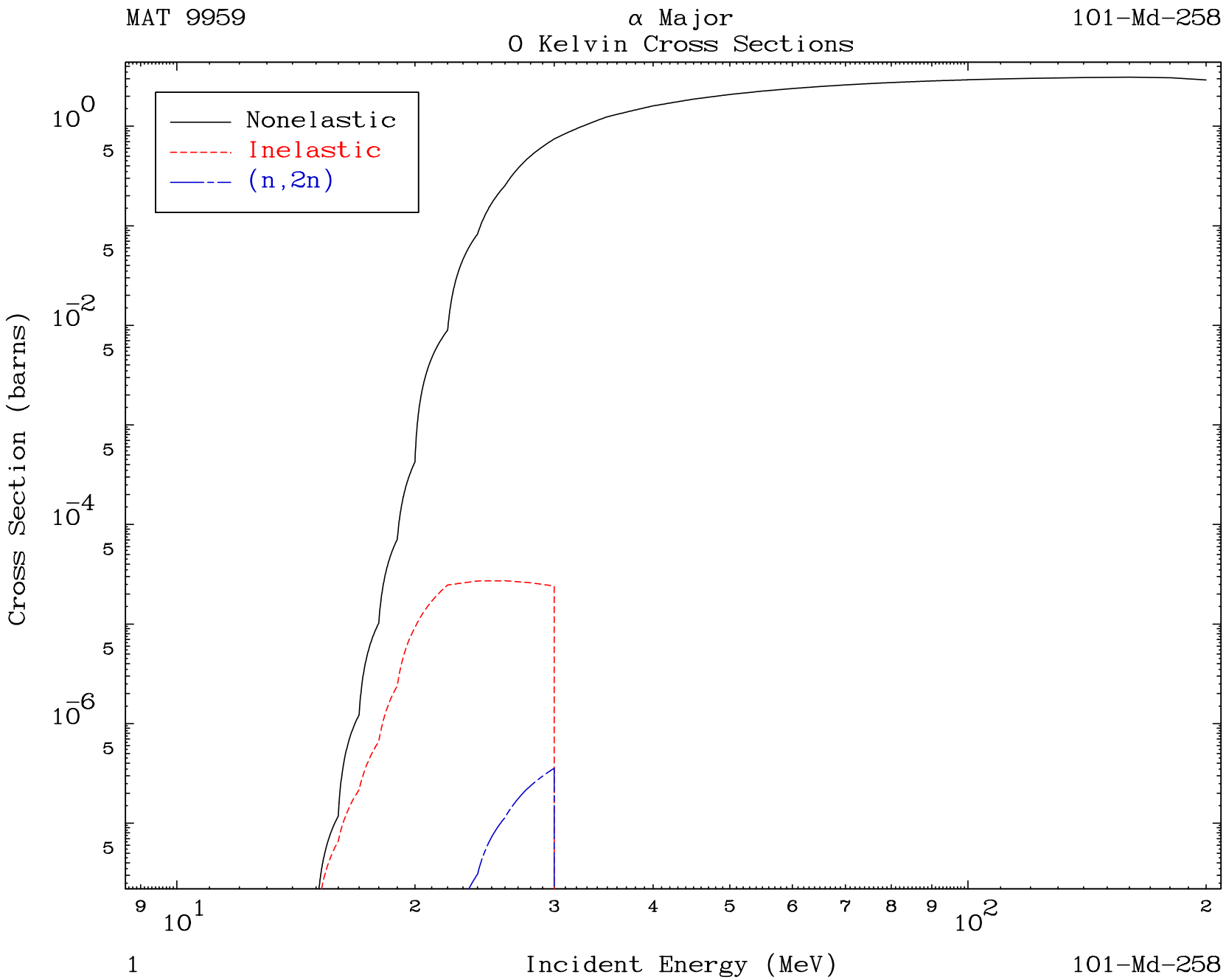
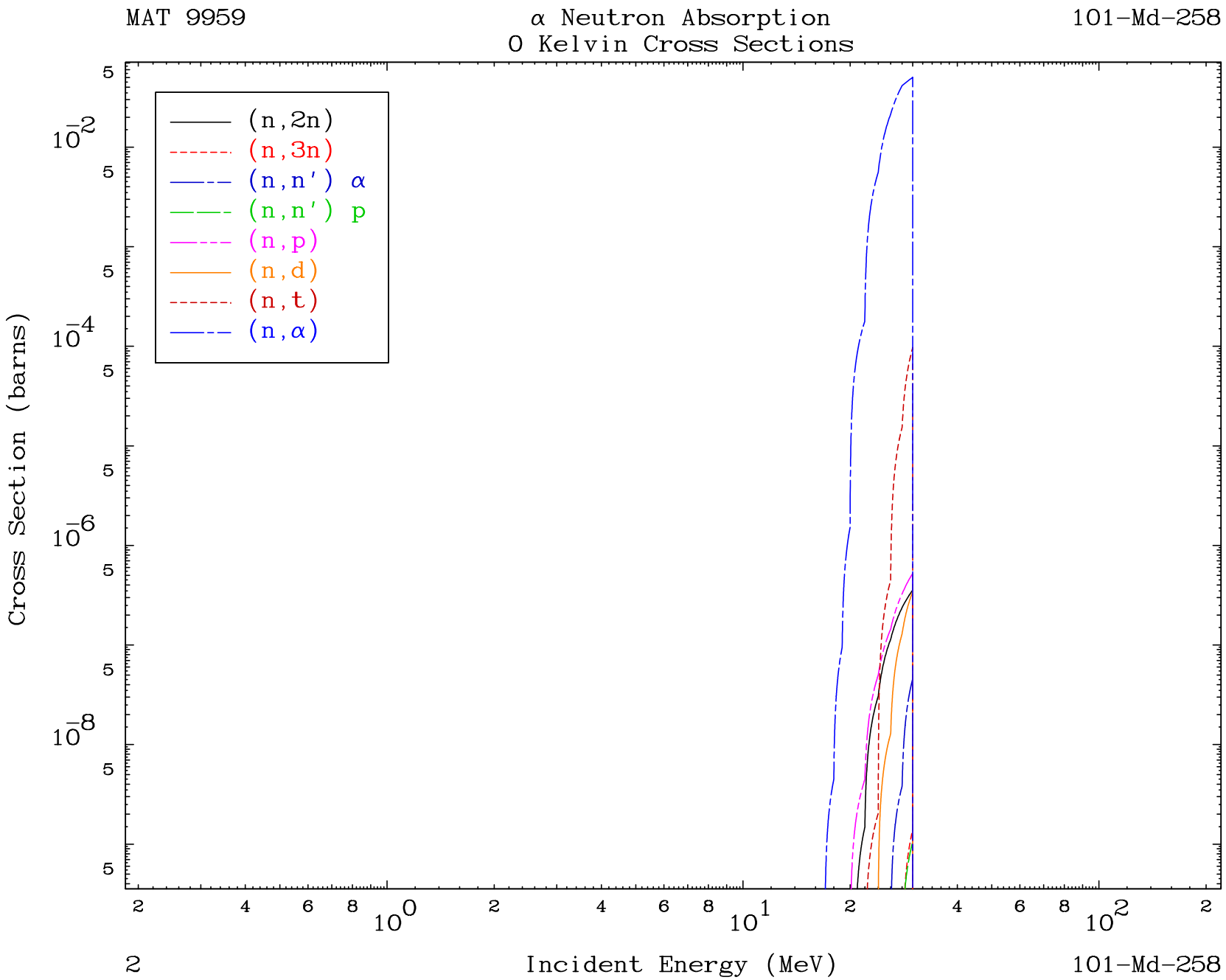
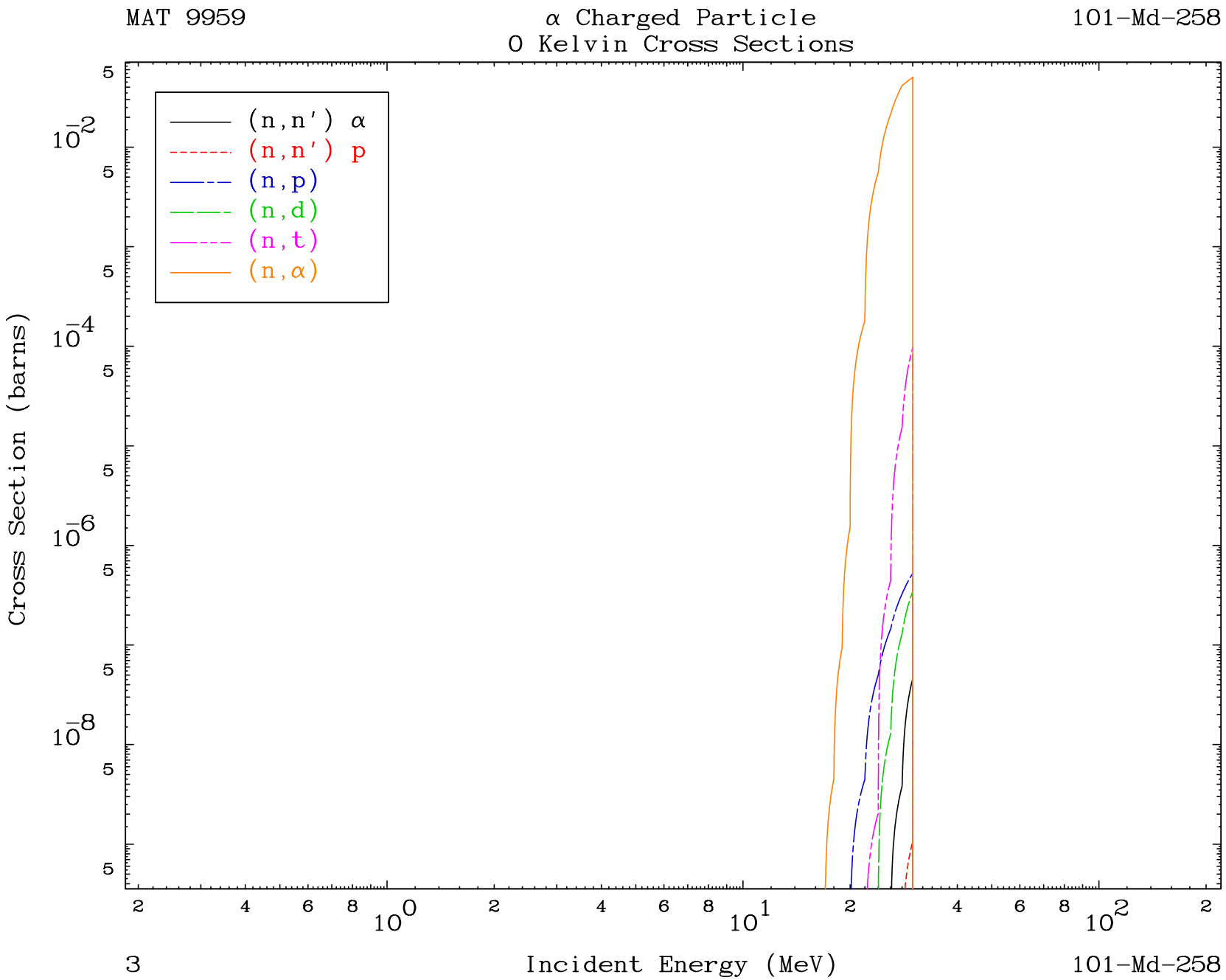
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

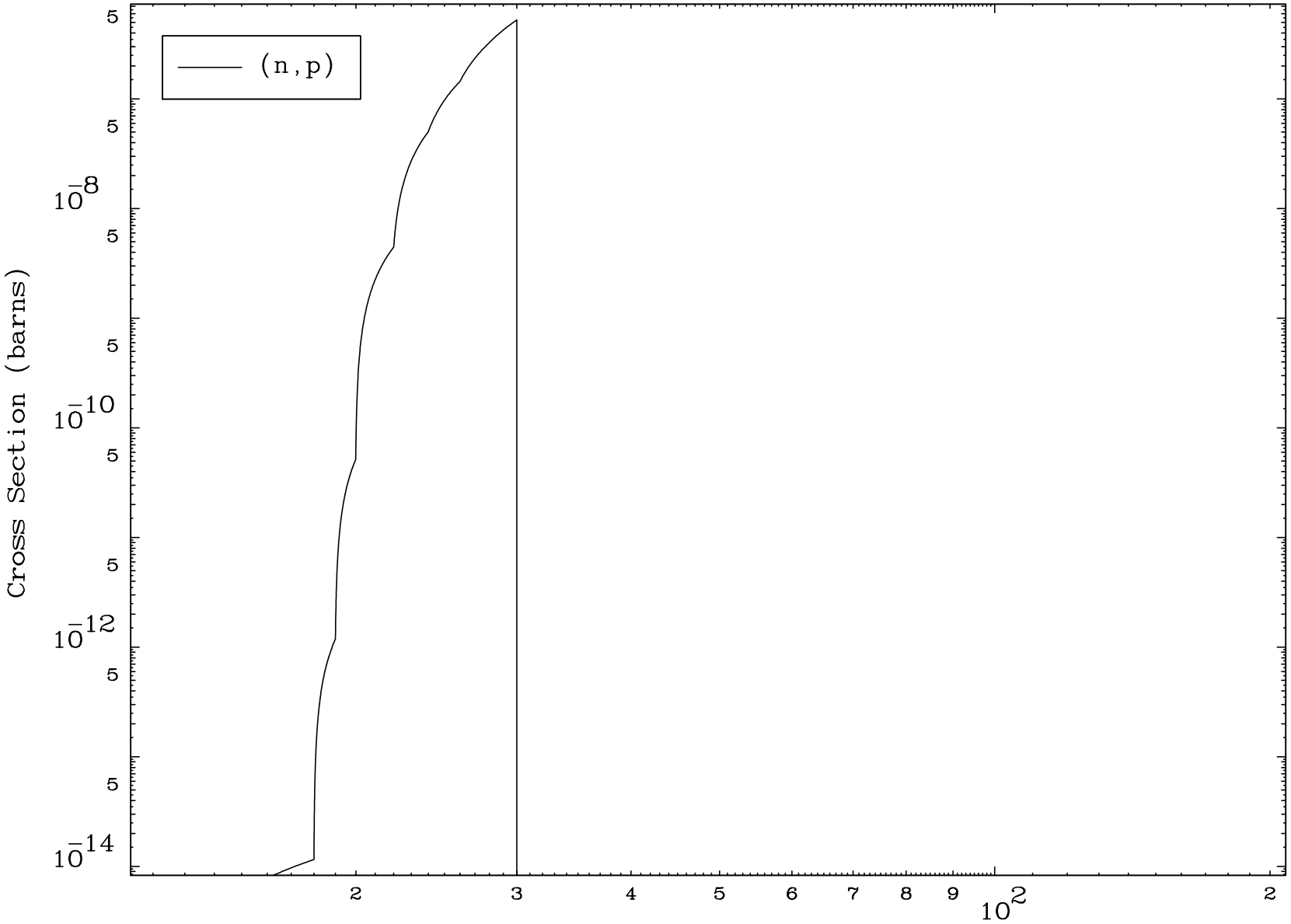
Press Mouse Button to Start

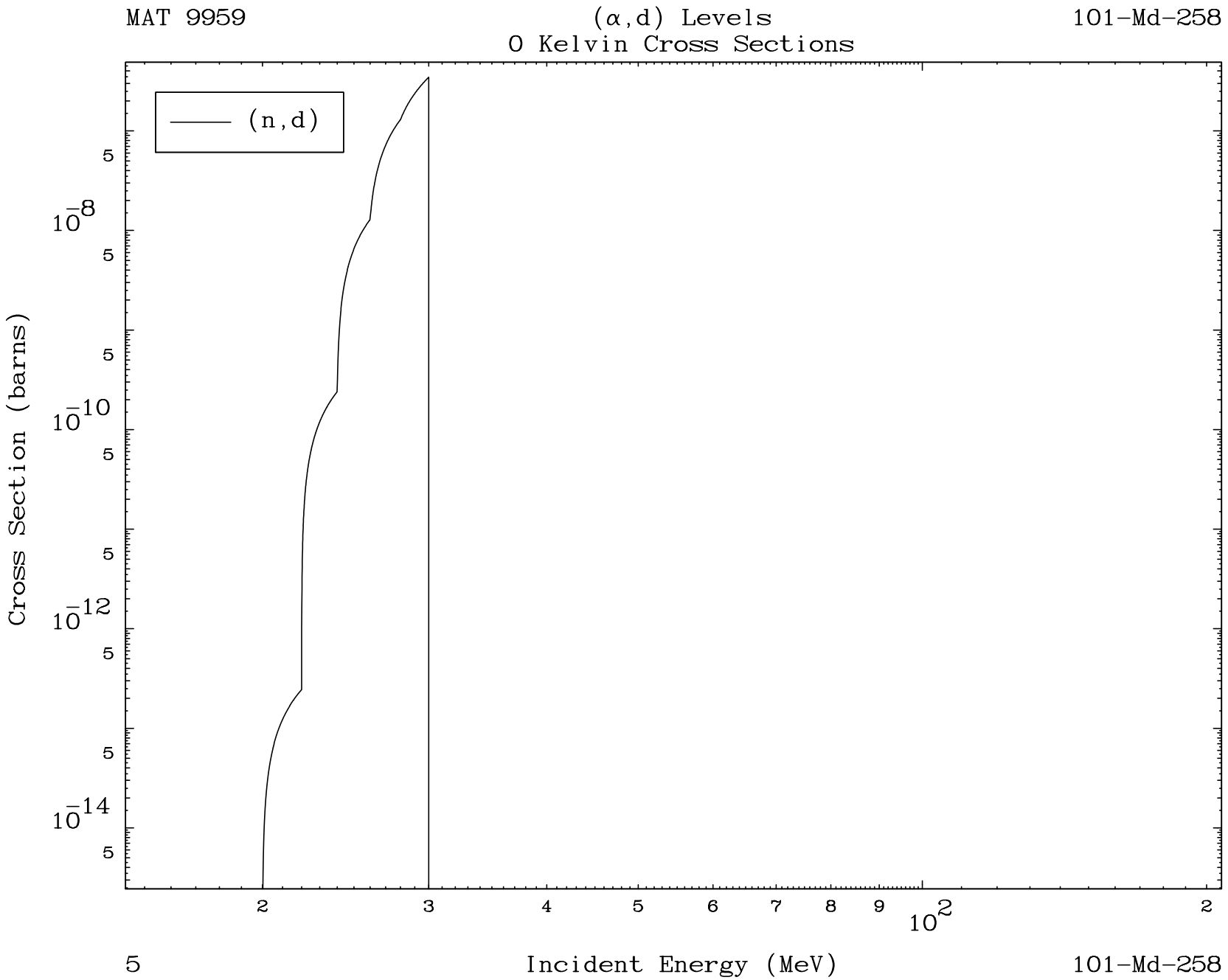

MAT 9959
α Major
101-Md-258
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
1
Incident Energy (MeV)
101-Md-258

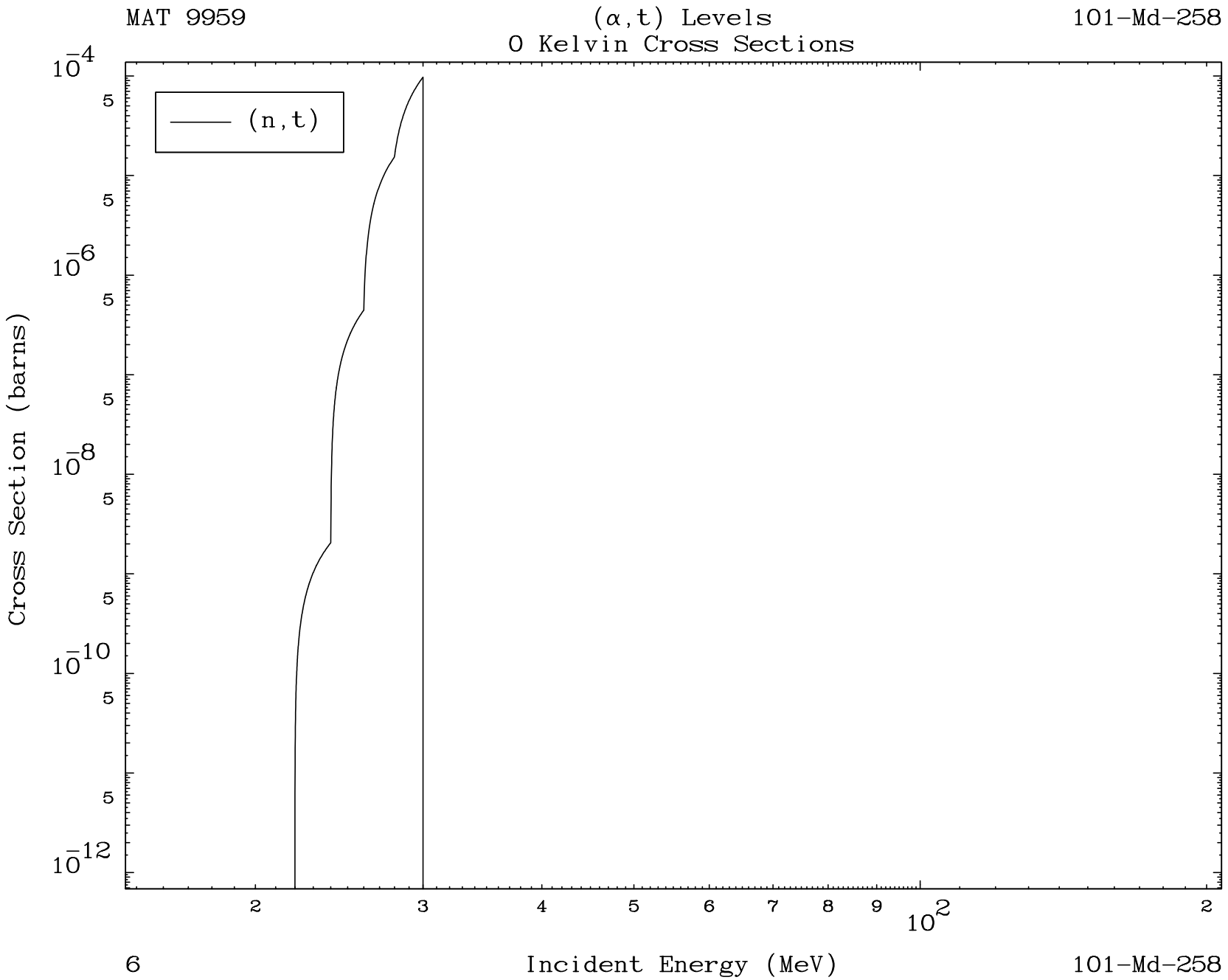

MAT 9959
α Neutron Absorption
0 Kelvin Cross Sections
101-Md-258
(n,2n)
(n,3n)
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
101-Md-258

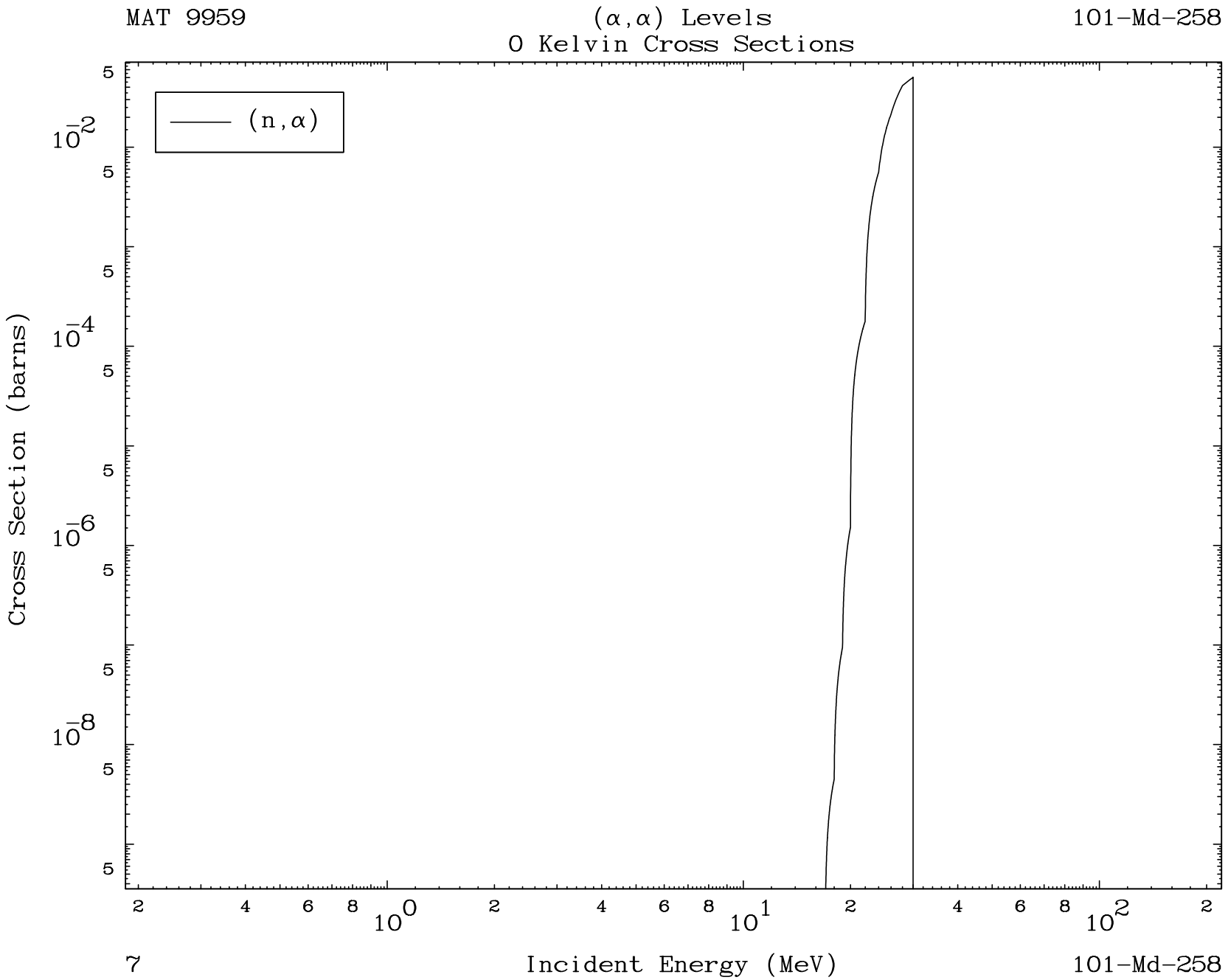

MAT 9959
α Charged Particle
0 Kelvin Cross Sections
101-Md-258
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
101-Md-258

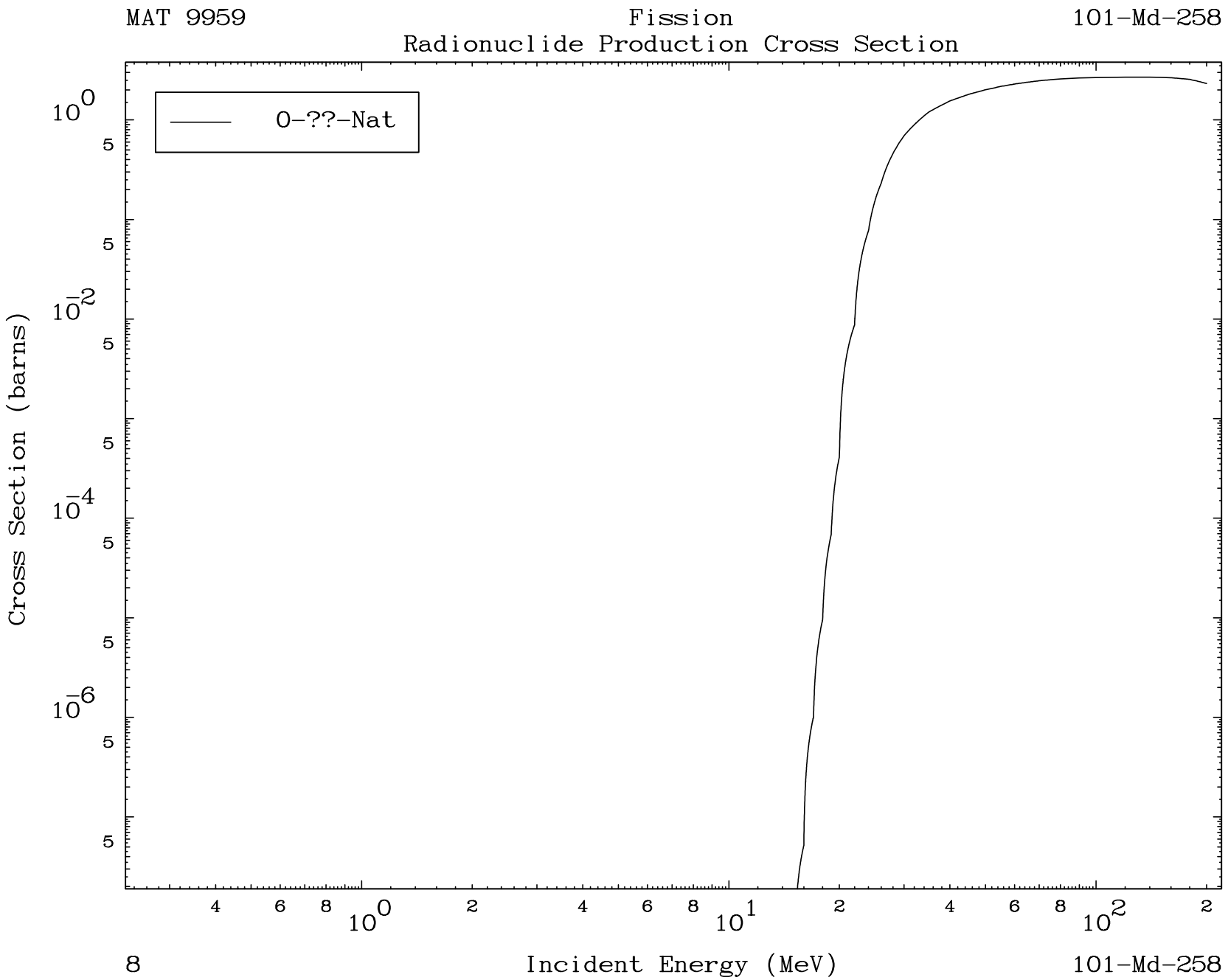
0 Kelvin Cross Sections

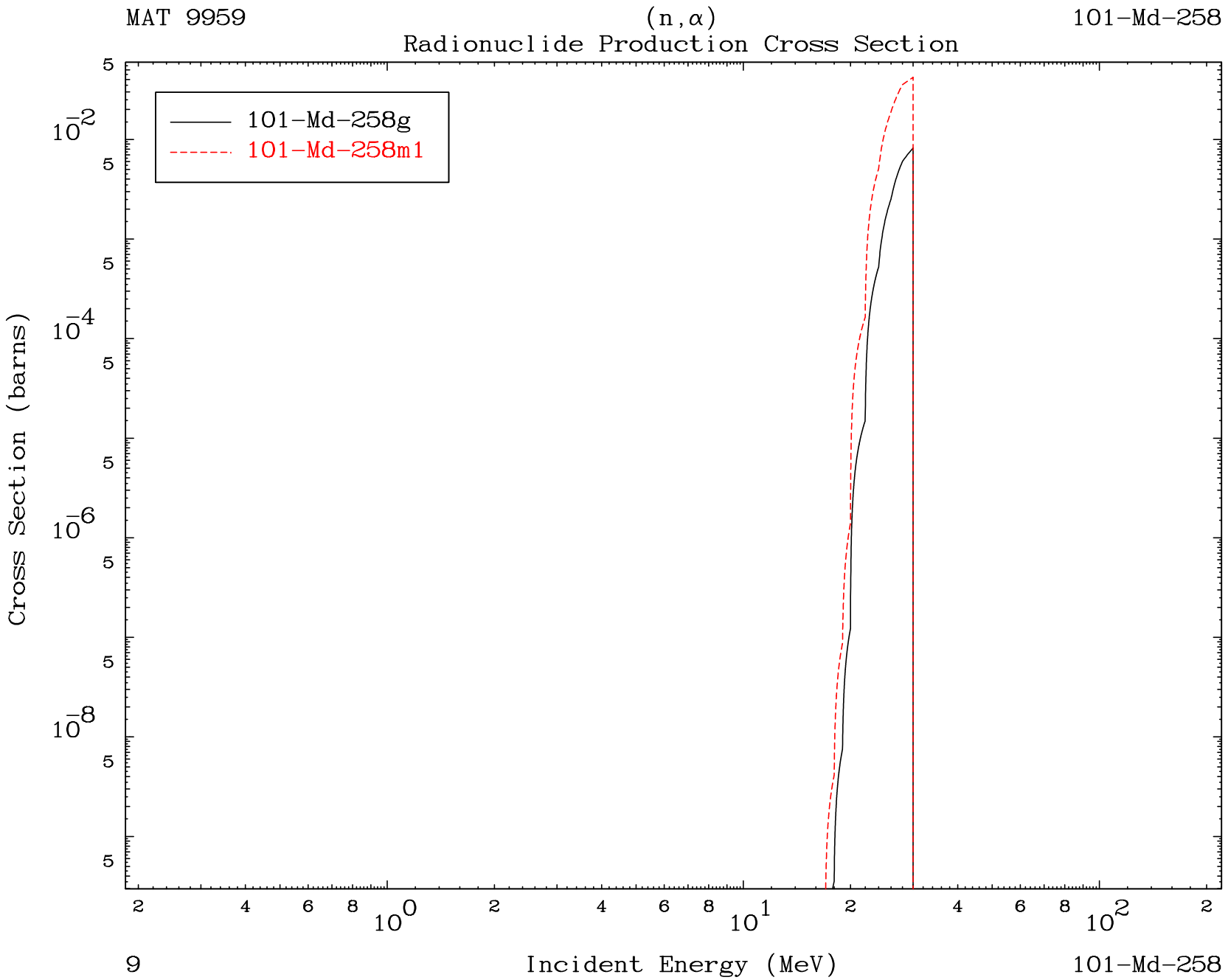



MAT 9959
(α,d) Levels
101-Md-258
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
5
101-Md-258


MAT 9959
(α,t) Levels
101-Md-258
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
101-Md-258


MAT 9959
(α,α) Levels
101-Md-258
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
101-Md-258
7


MAT 9959
Fission
101-Md-258
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
8
101-Md-258


MAT 9959
(n,α)
101-Md-258
Radionuclide Production Cross Section
101-Md-258g
101-Md-258m1
Cross Section (barns)
Incident Energy (MeV)
9
101-Md-258