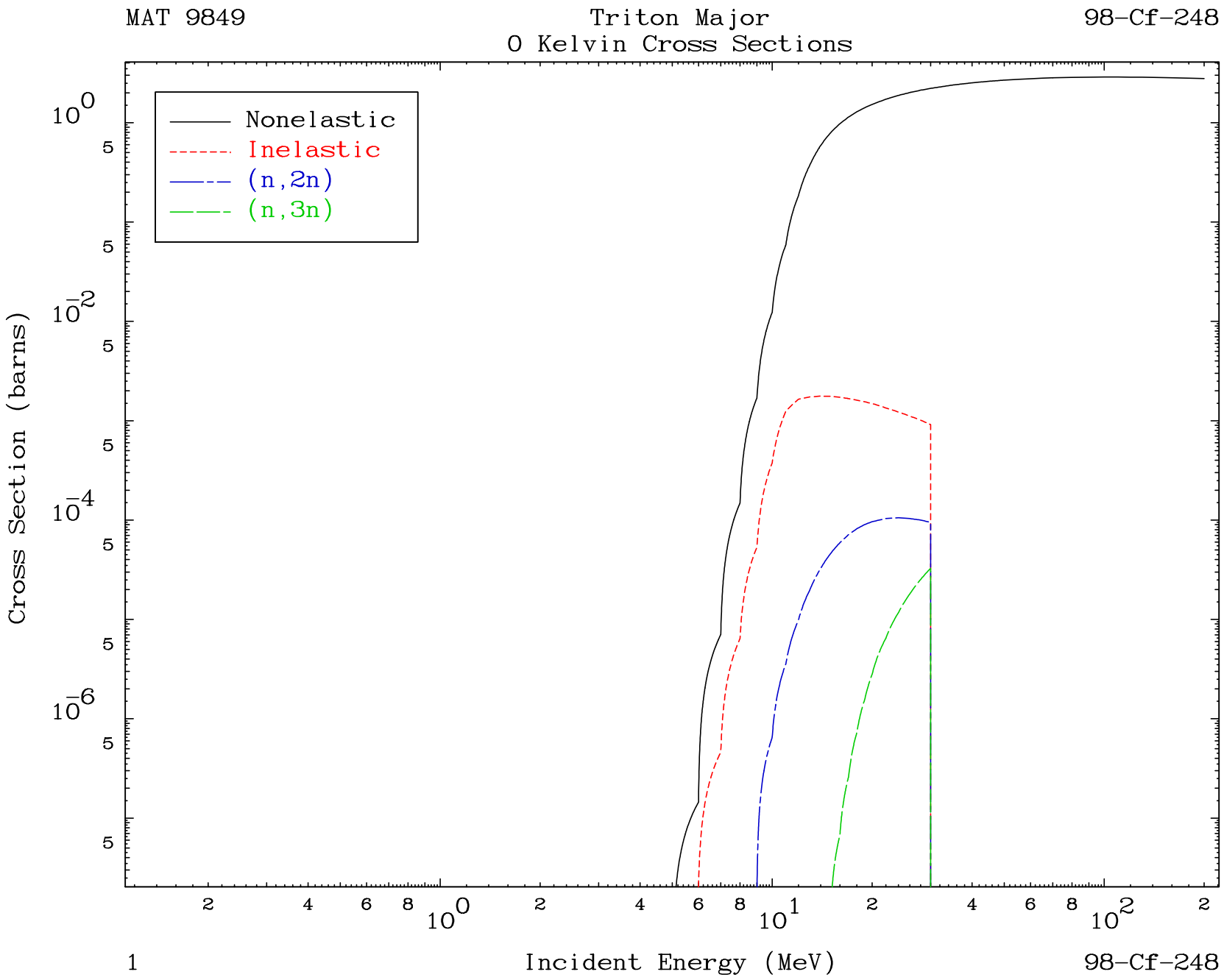
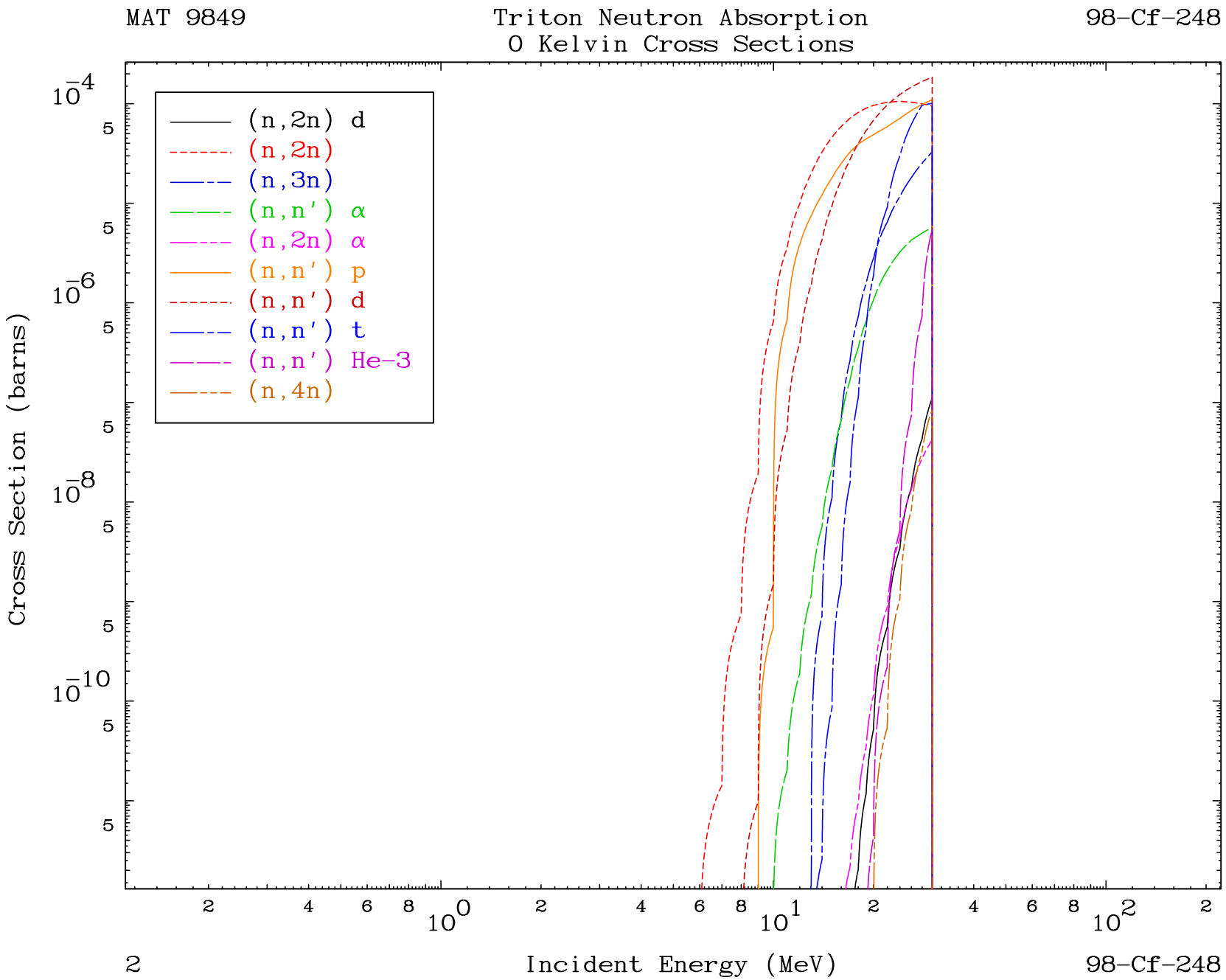
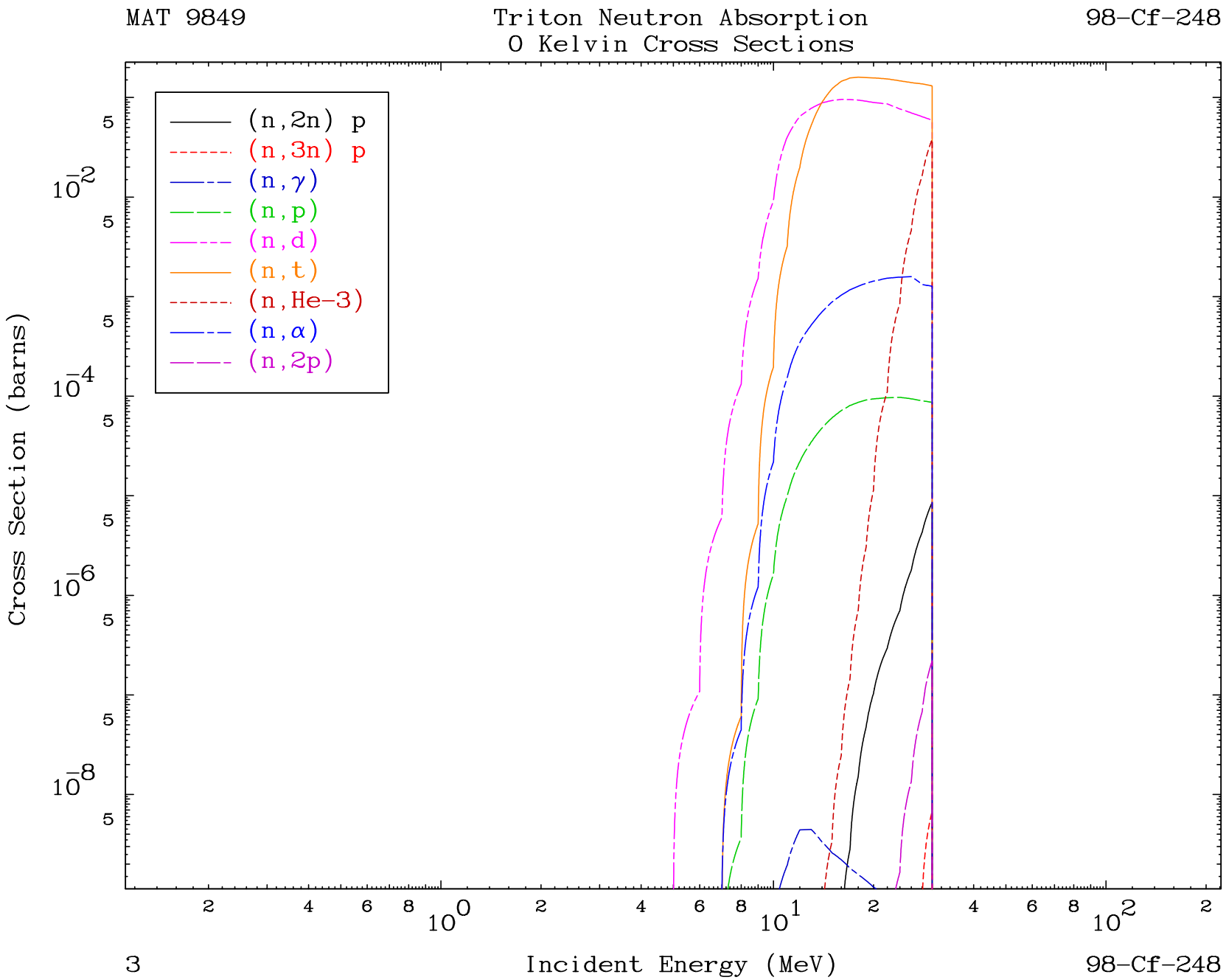
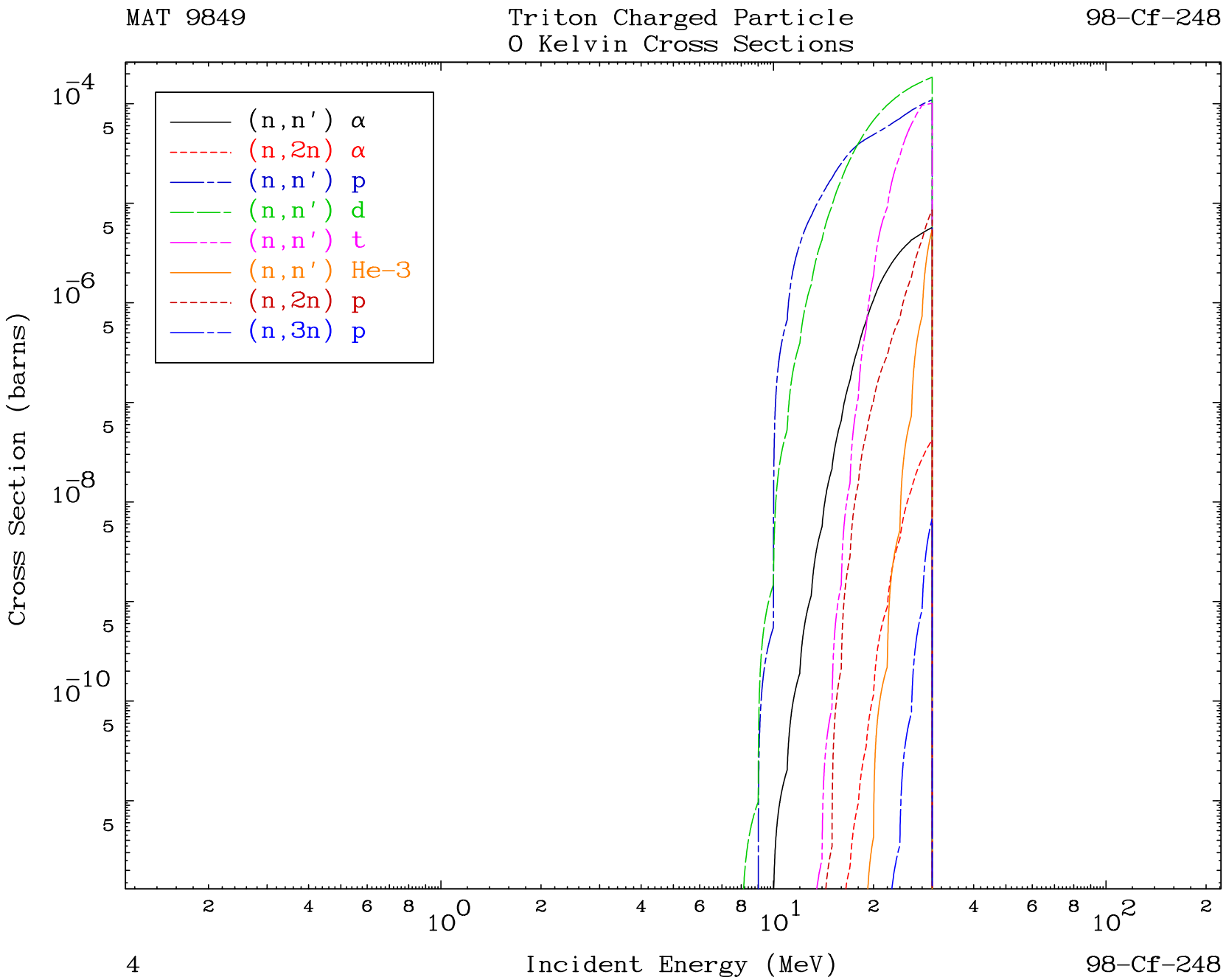
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

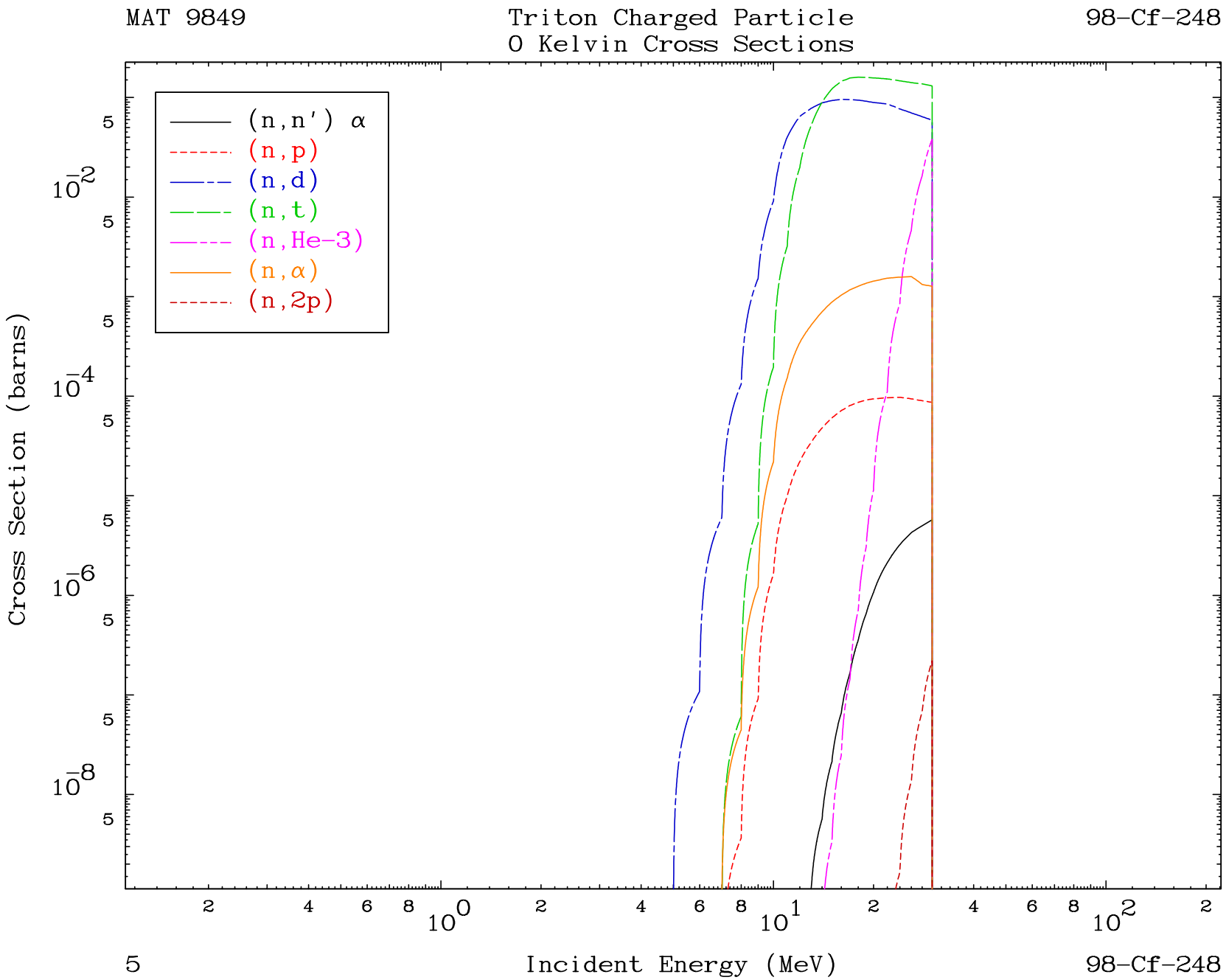
Press Mouse Button to Start

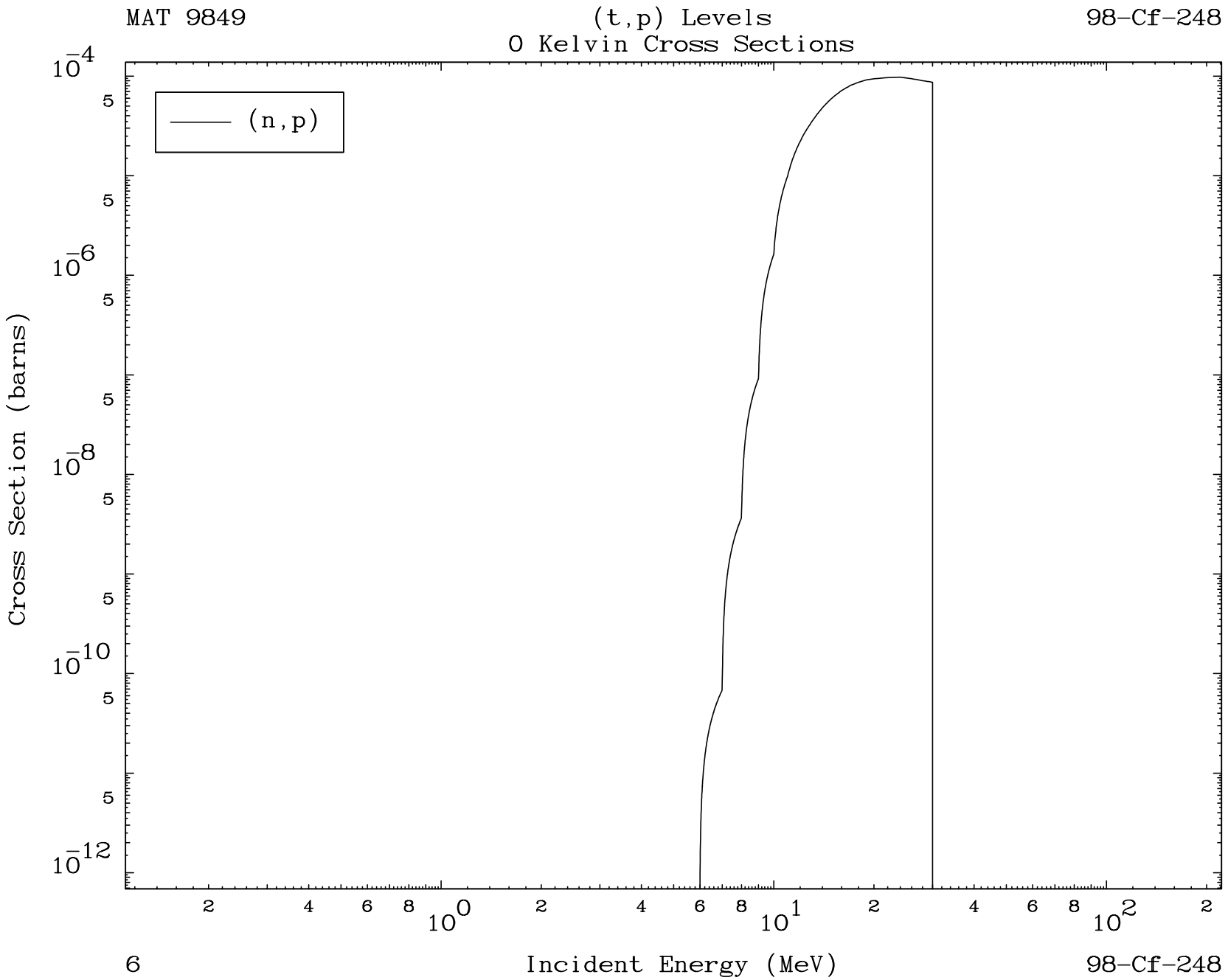

MAT 9849
Triton Major
98-Cf-248
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
98-Cf-248
1

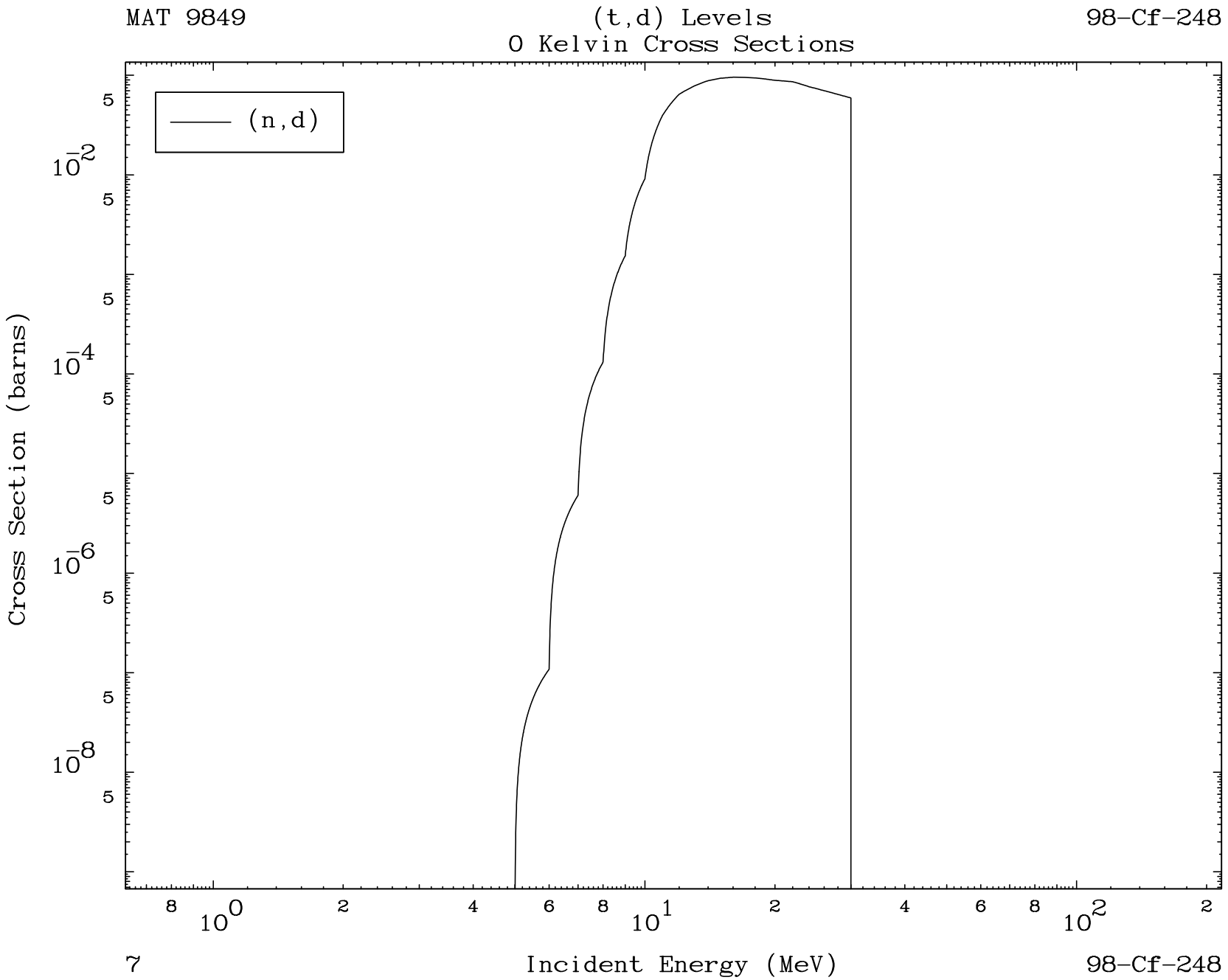

MAT 9849
Triton Neutron Absorption
0 Kelvin Cross Sections
98-Cf-248
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)
Cross Section (barns)
Incident Energy (MeV)
98-Cf-248
2


MAT 9849
Triton Neutron Absorption
0 Kelvin Cross Sections
98-Cf-248
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
3
98-Cf-248

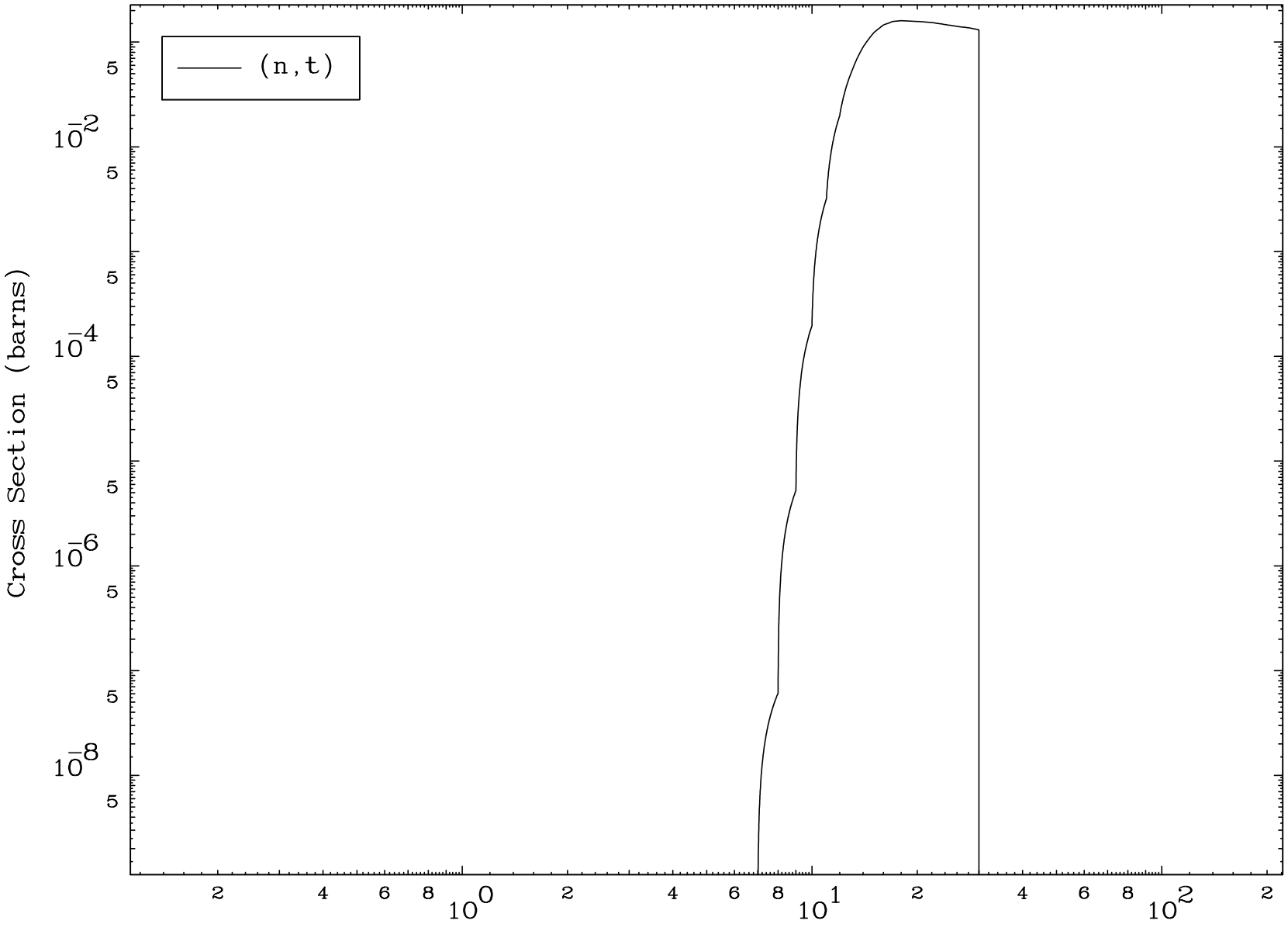

MAT 9849
Triton Charged Particle
0 Kelvin Cross Sections
98-Cf-248
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
98-Cf-248

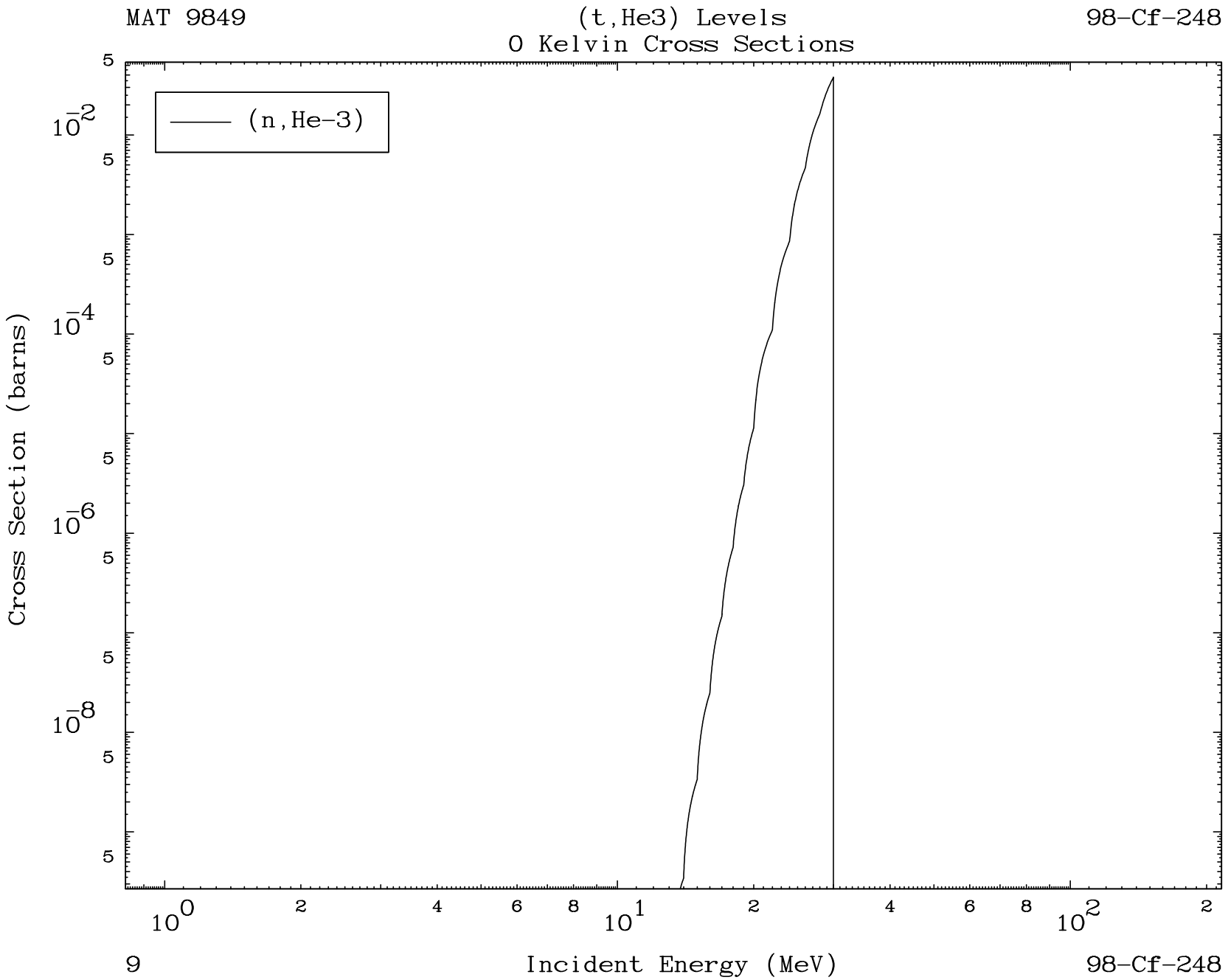

MAT 9849
Triton Charged Particle
0 Kelvin Cross Sections
98-Cf-248
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
5
98-Cf-248

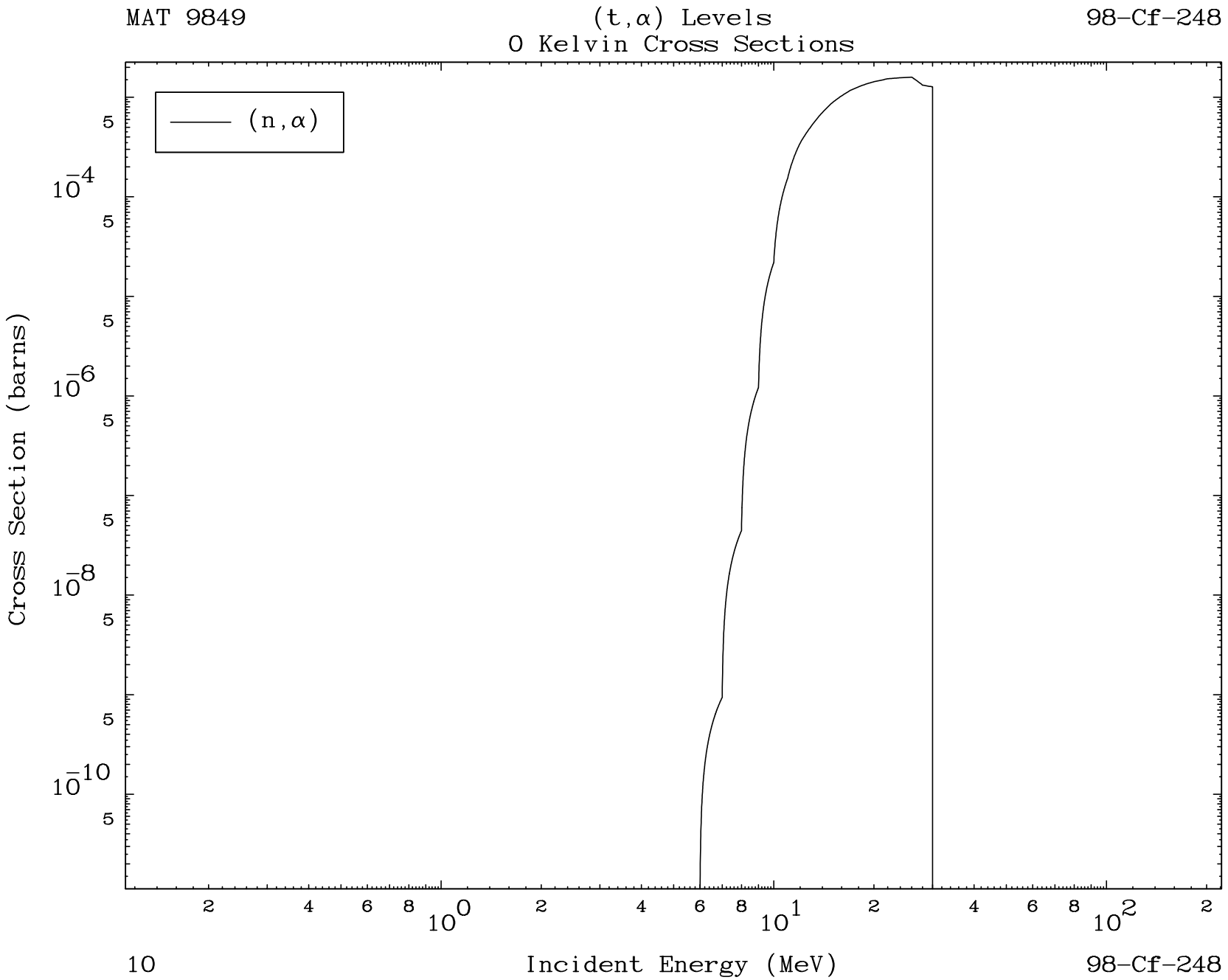

MAT 9849
(t,p) Levels
98-Cf-248
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
98-Cf-248

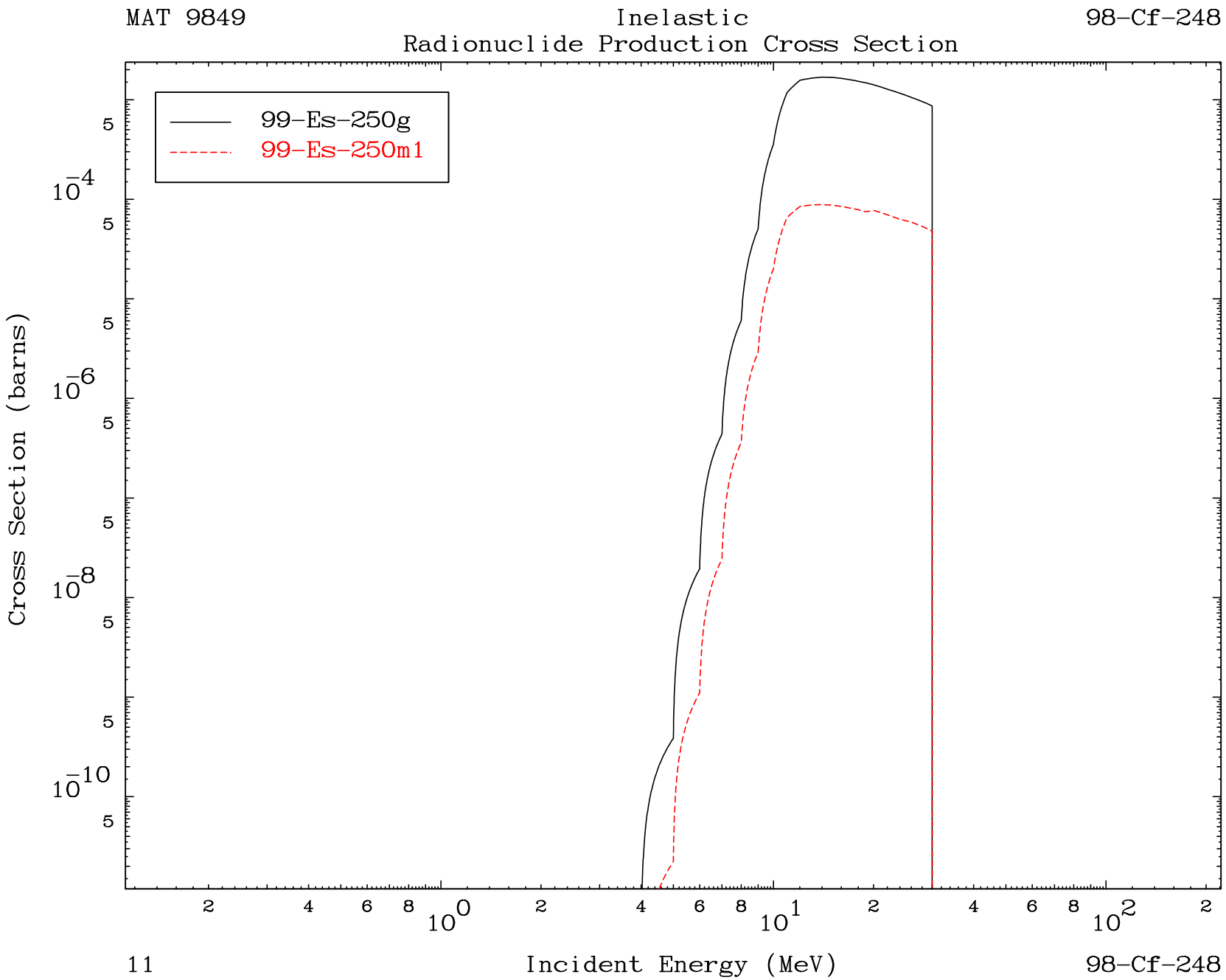

MAT 9849
(t,d) Levels
98-Cf-248
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)
7
98-Cf-248

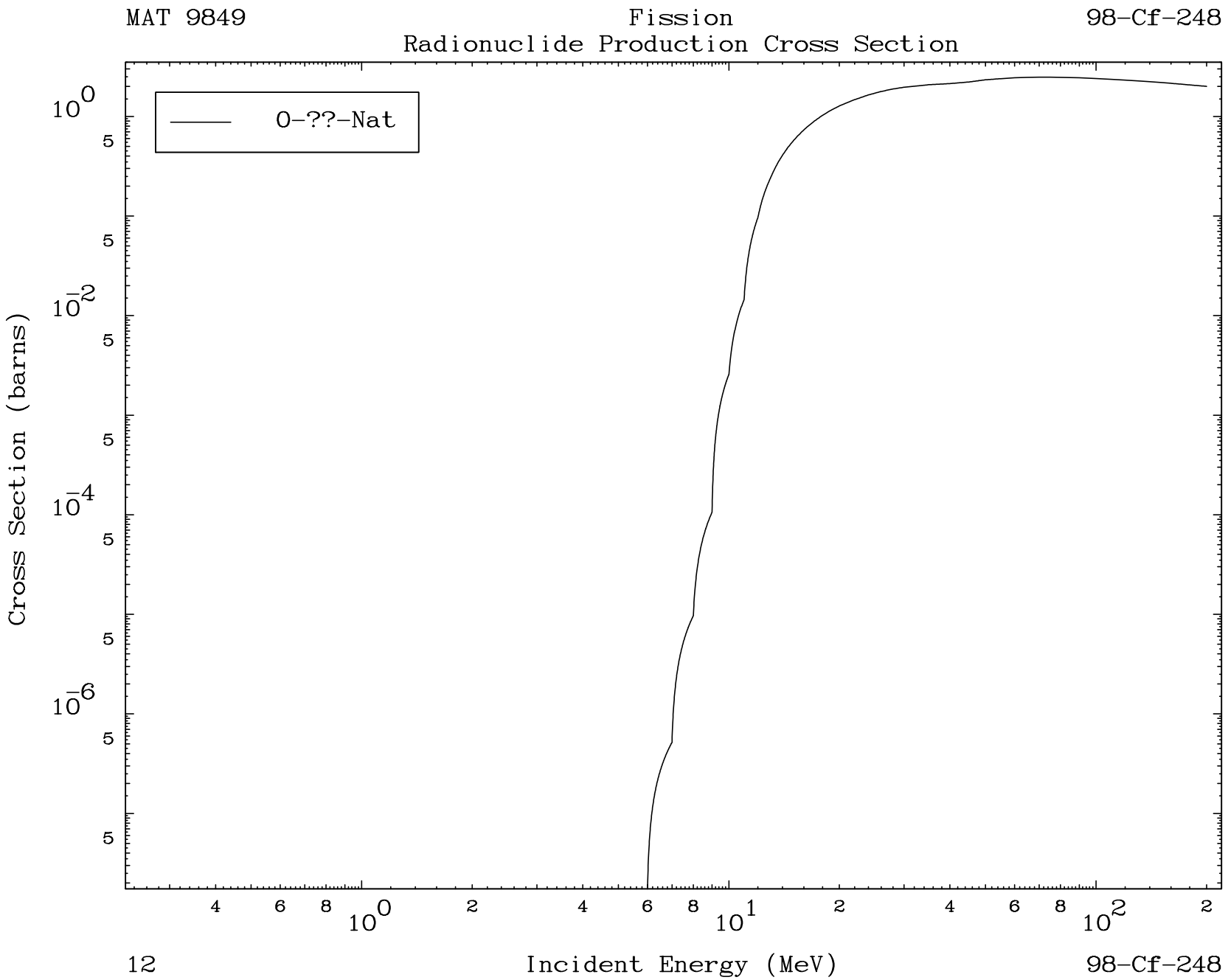
0 Kelvin Cross Sections

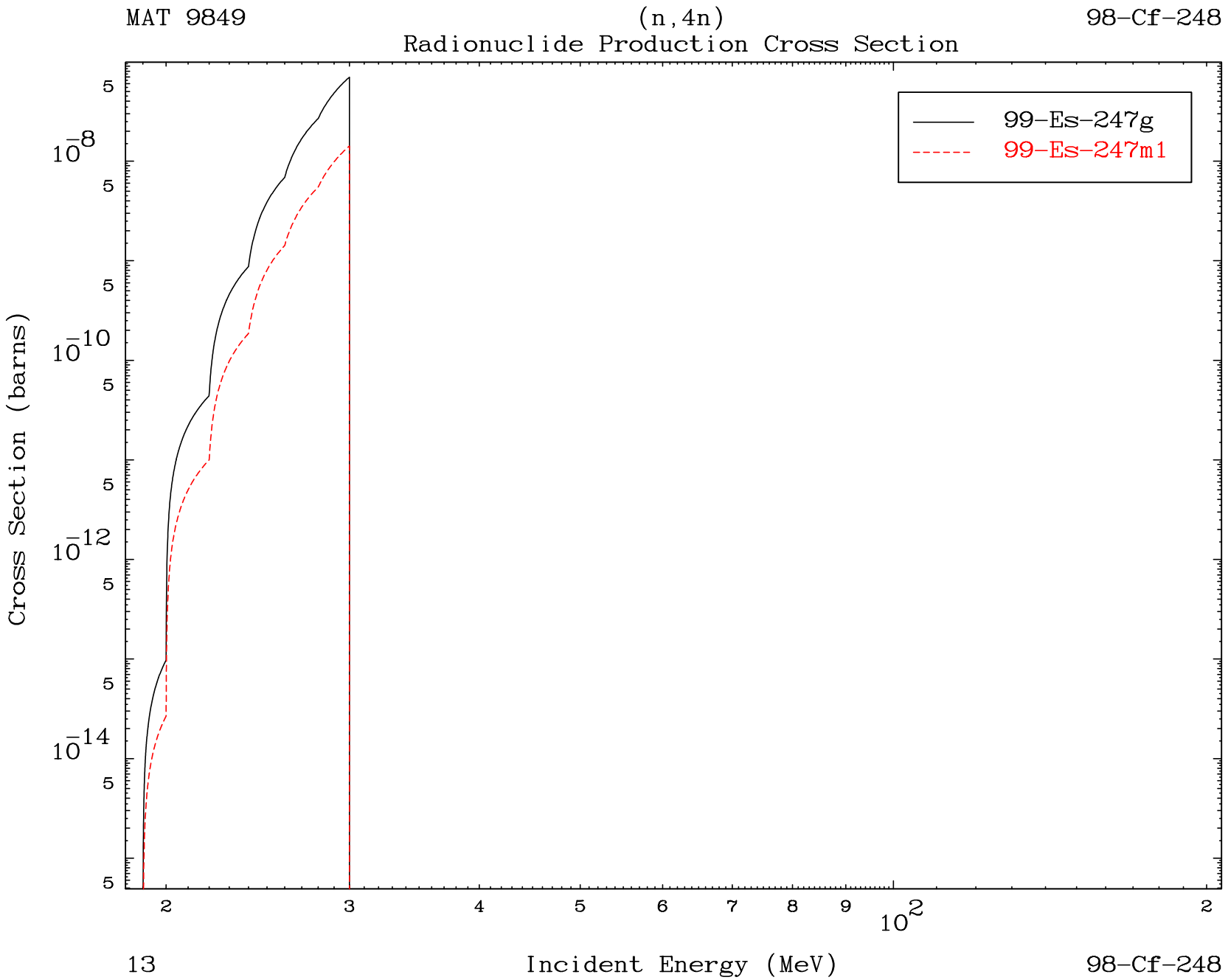


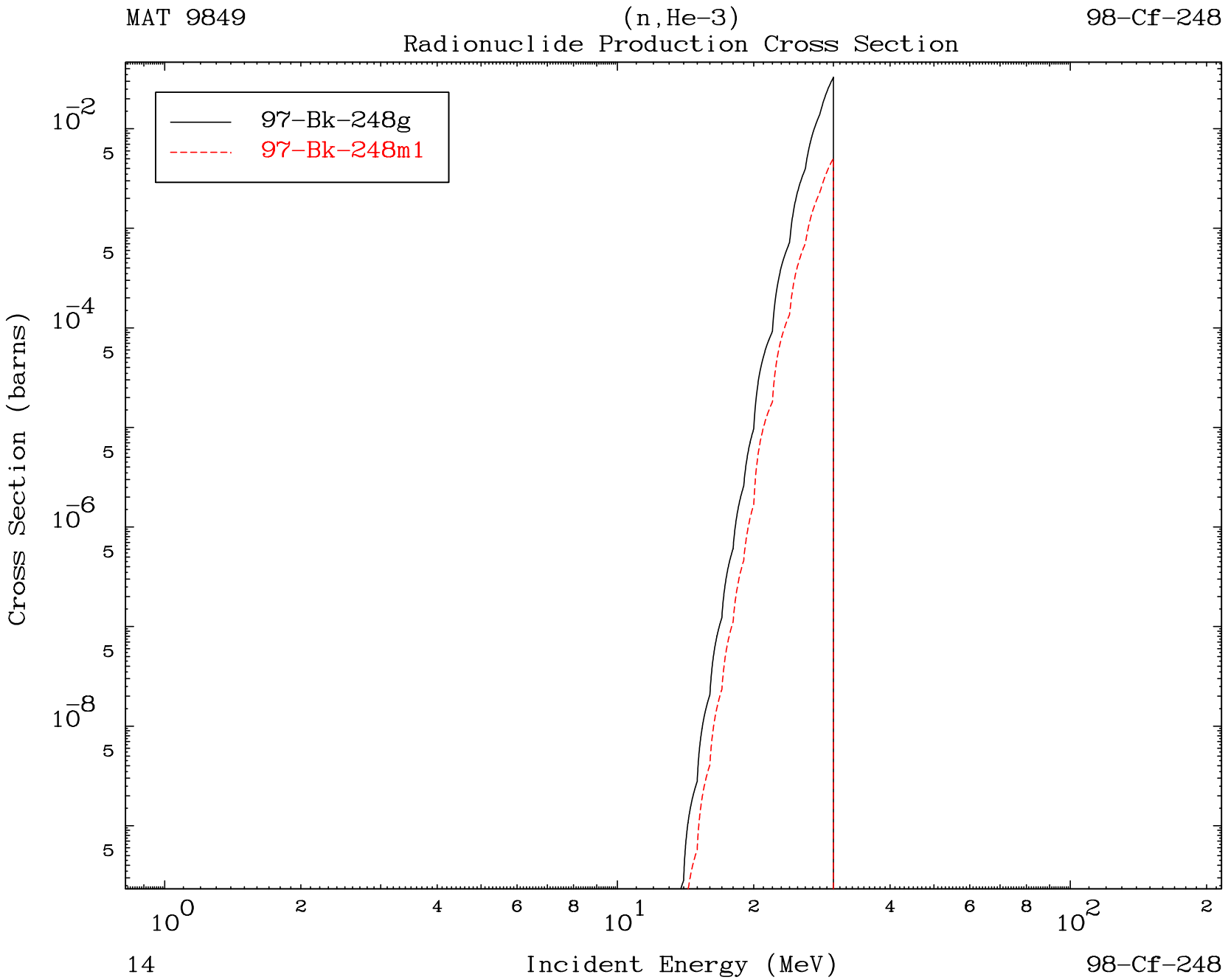

MAT 9849
(t,He3) Levels
98-Cf-248
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
98-Cf-248


MAT 9849
(t,α) Levels
98-Cf-248
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
10
Incident Energy (MeV)
98-Cf-248


MAT 9849
Inelastic
98-Cf-248
Radionuclide Production Cross Section
99-Es-250g
99-Es-250m1
Cross Section (barns)
Incident Energy (MeV)
11
98-Cf-248


MAT 9849
Fission
98-Cf-248
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
98-Cf-248


MAT 9849
(n,4n)
98-Cf-248
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
13
98-Cf-248


MAT 9849
(n,He-3)
98-Cf-248
Radionuclide Production Cross Section
97-Bk-248g
97-Bk-248m1
Cross Section (barns)
Incident Energy (MeV)
14
98-Cf-248