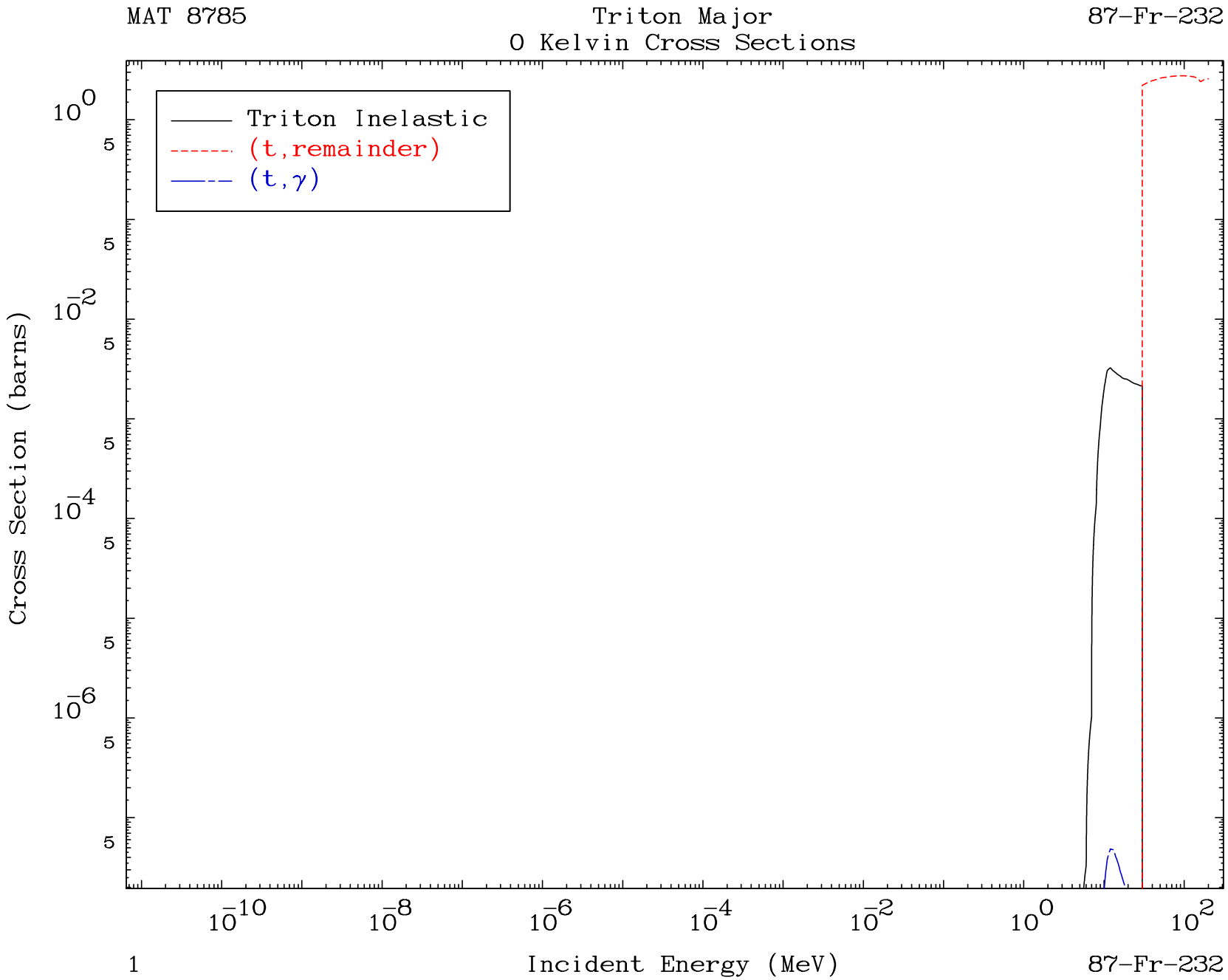
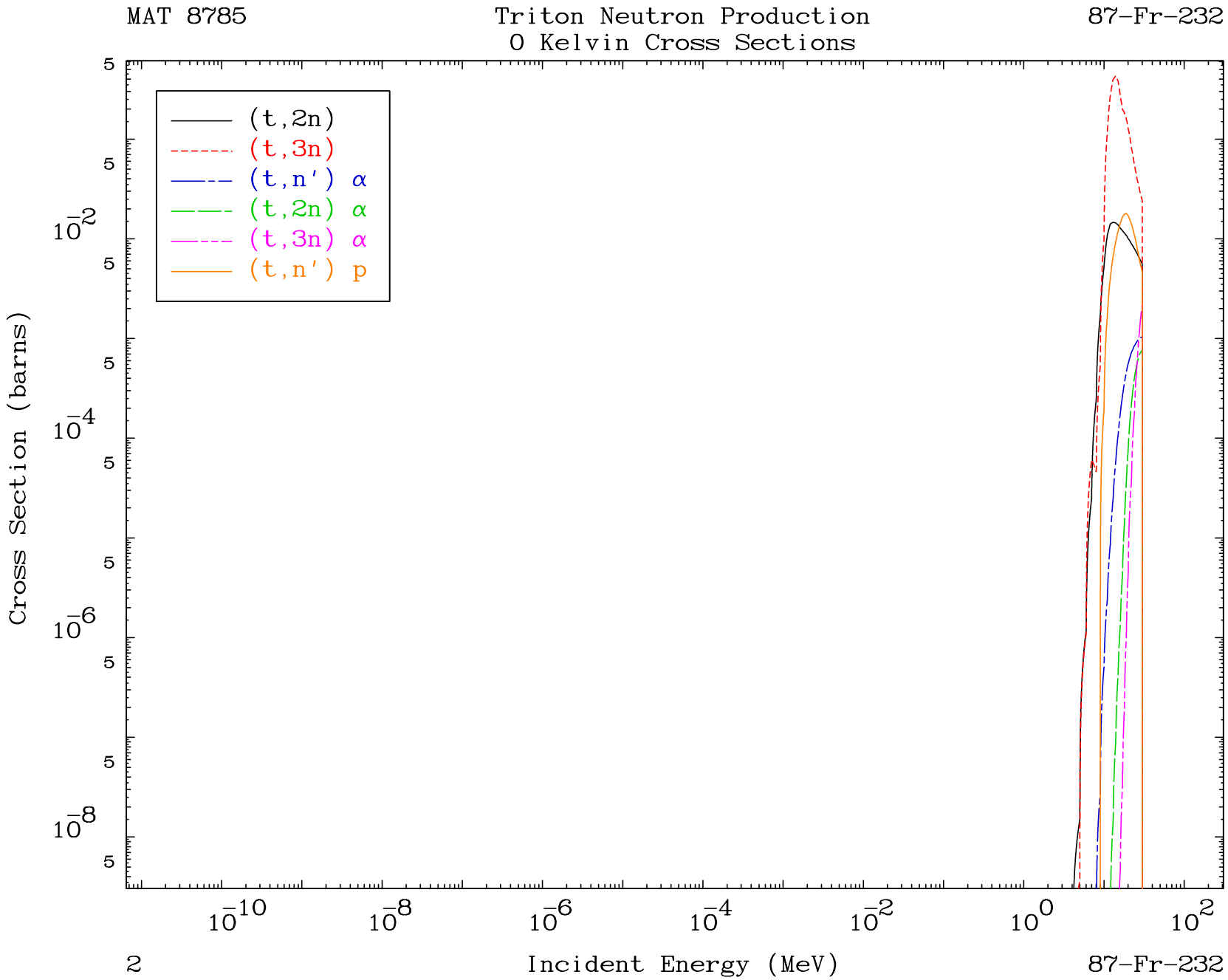
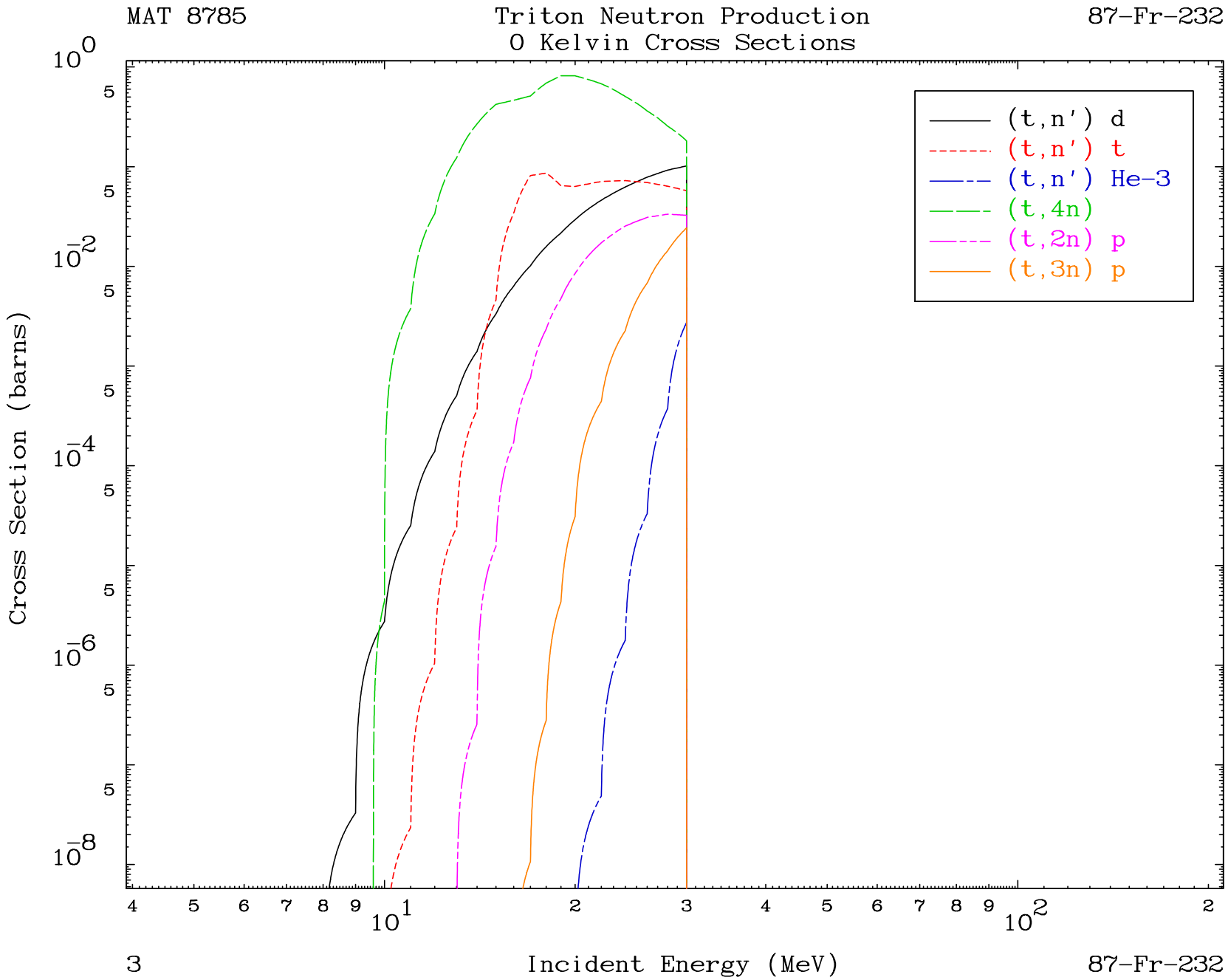
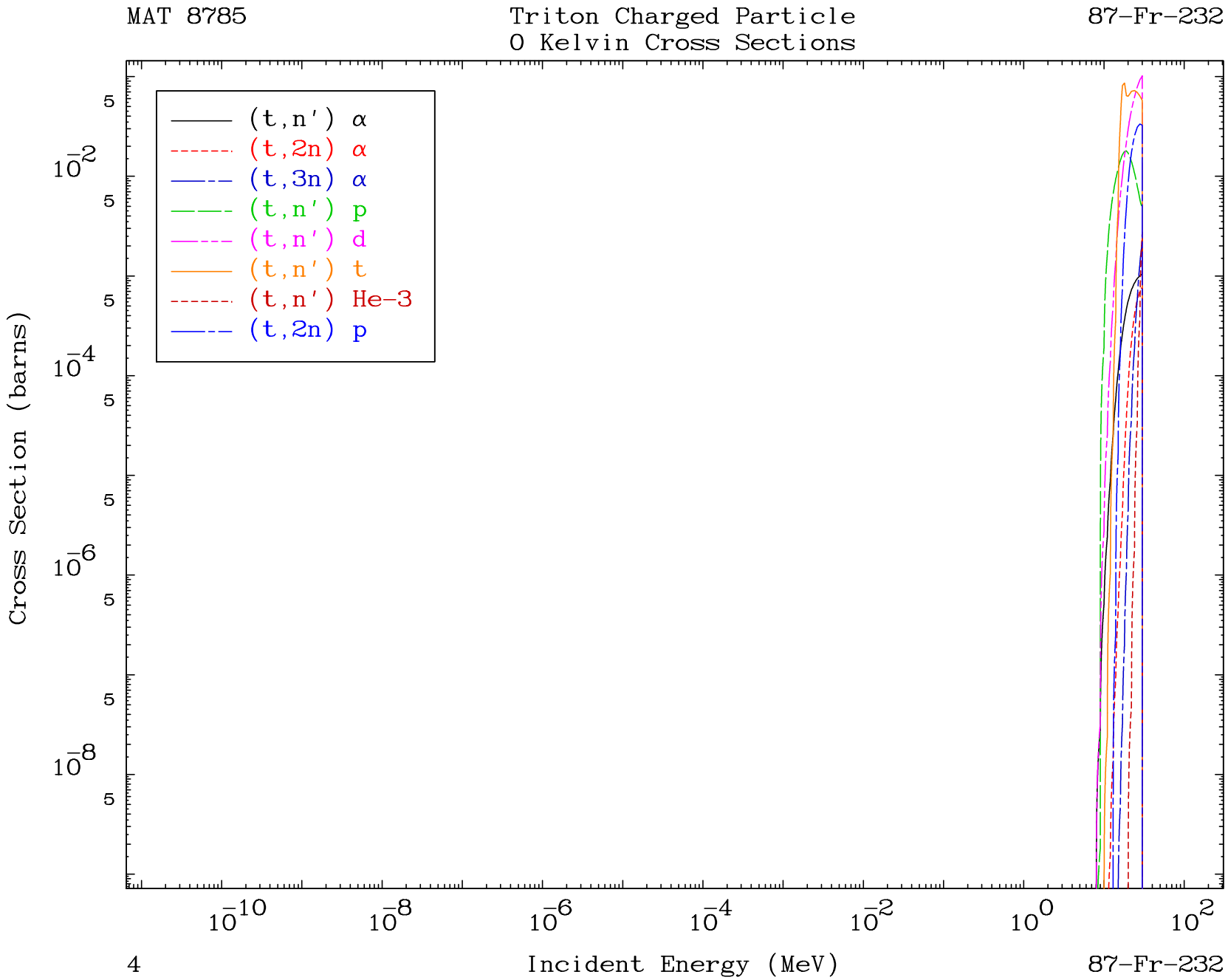
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

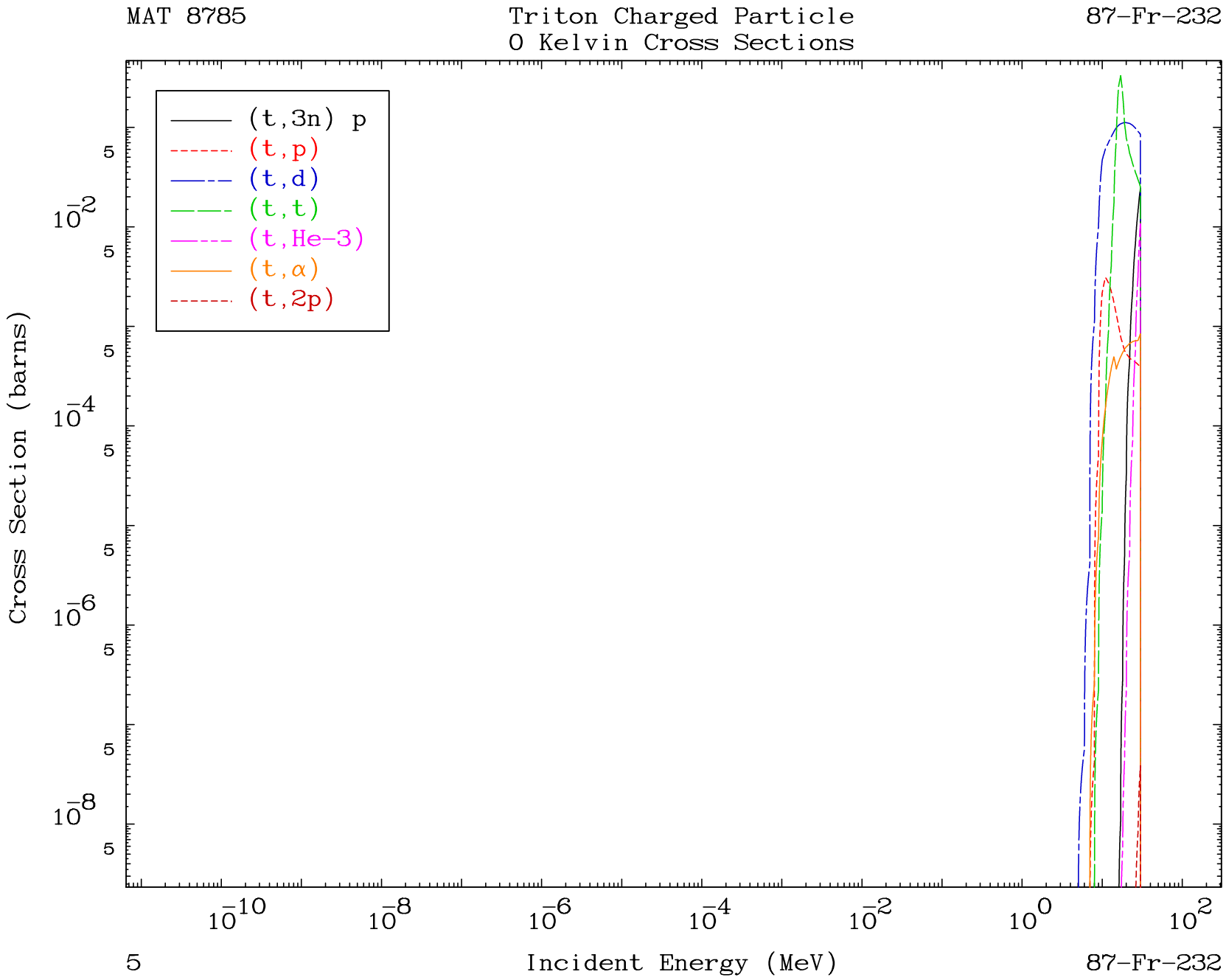
Press Mouse Button to Start

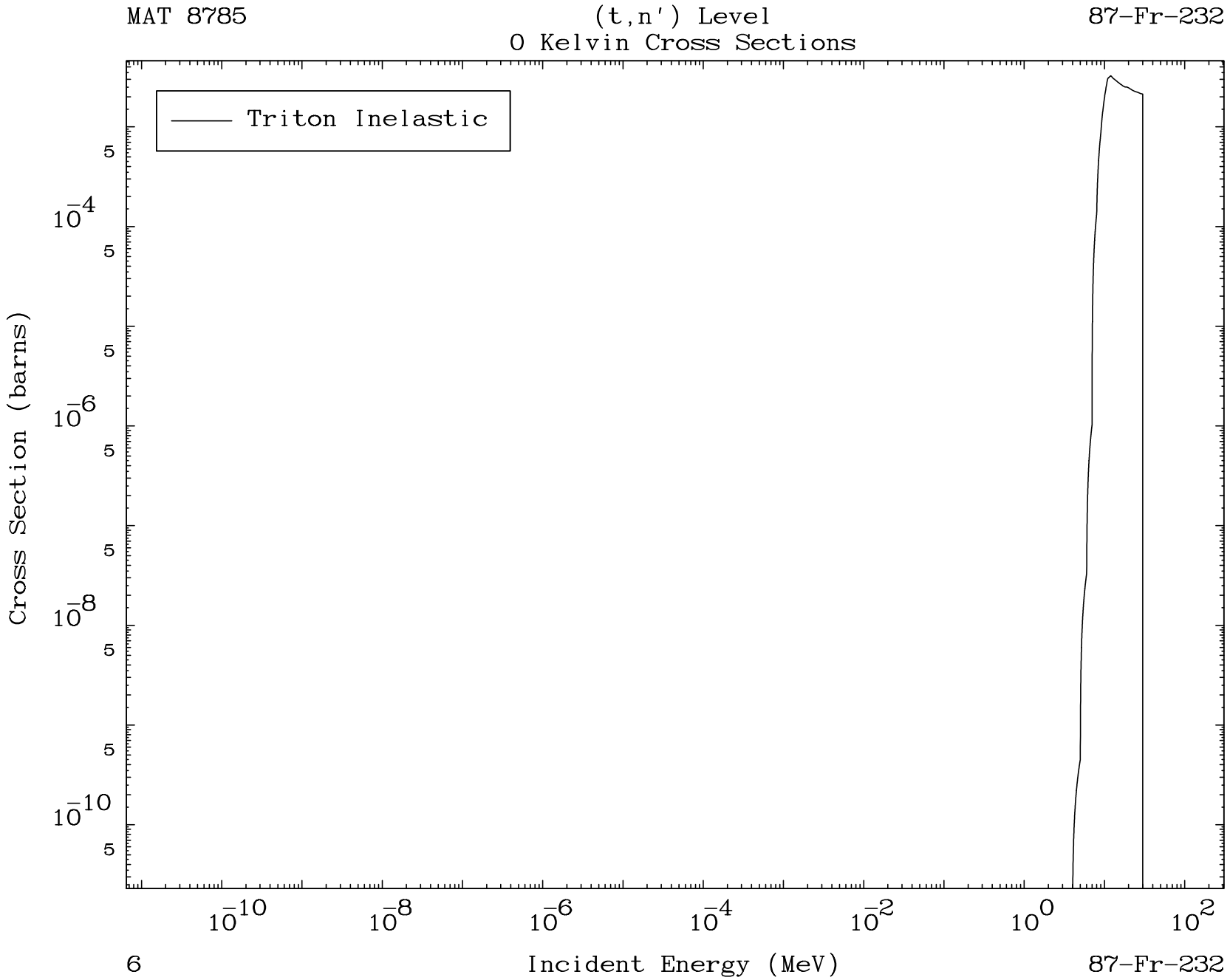

MAT 8785
Triton Major
87-Fr-232
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-232
1

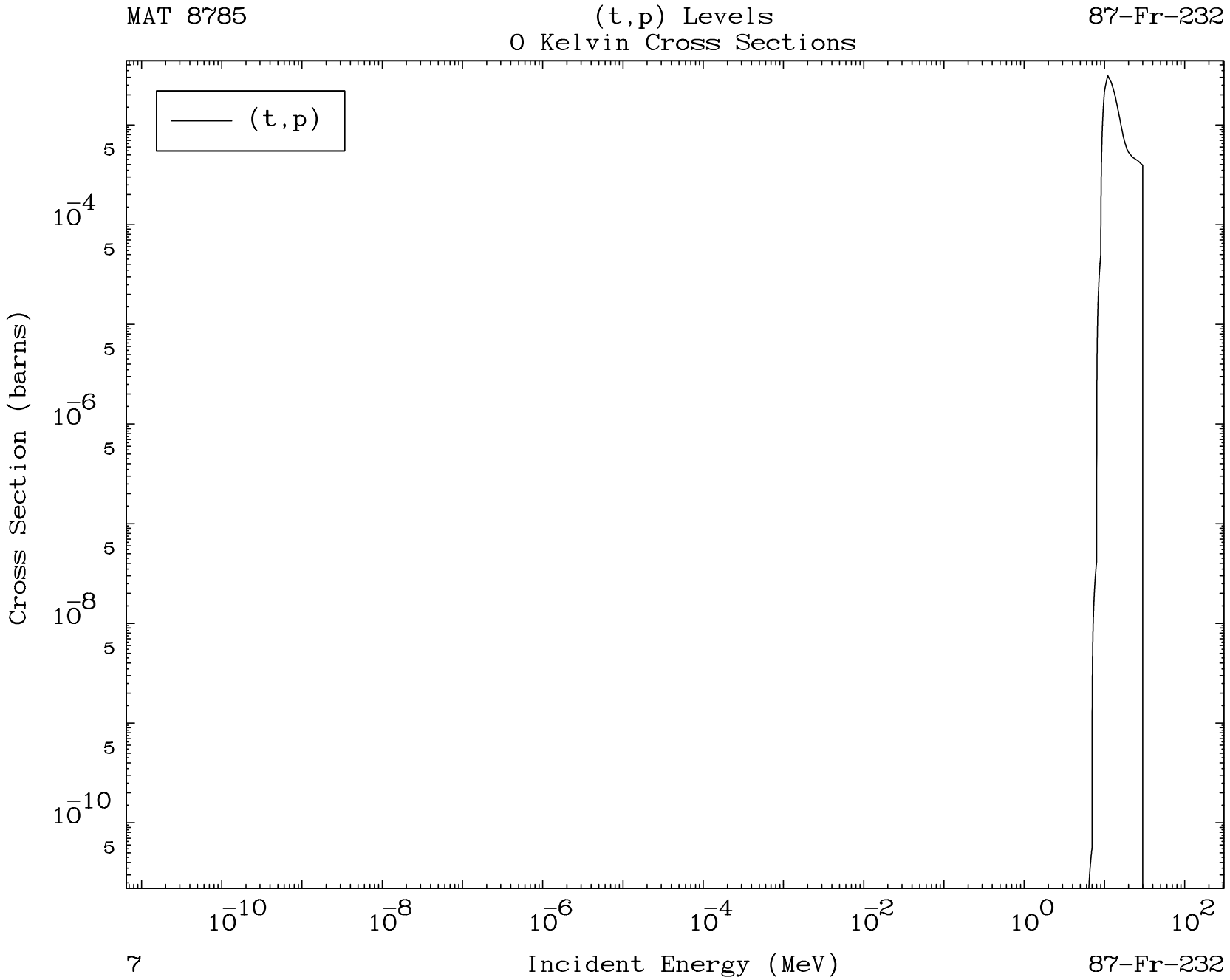

MAT 8785
Triton Neutron Production
0 Kelvin Cross Sections
87-Fr-232
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
Cross Section (barns)
Incident Energy (MeV)
2
87-Fr-232

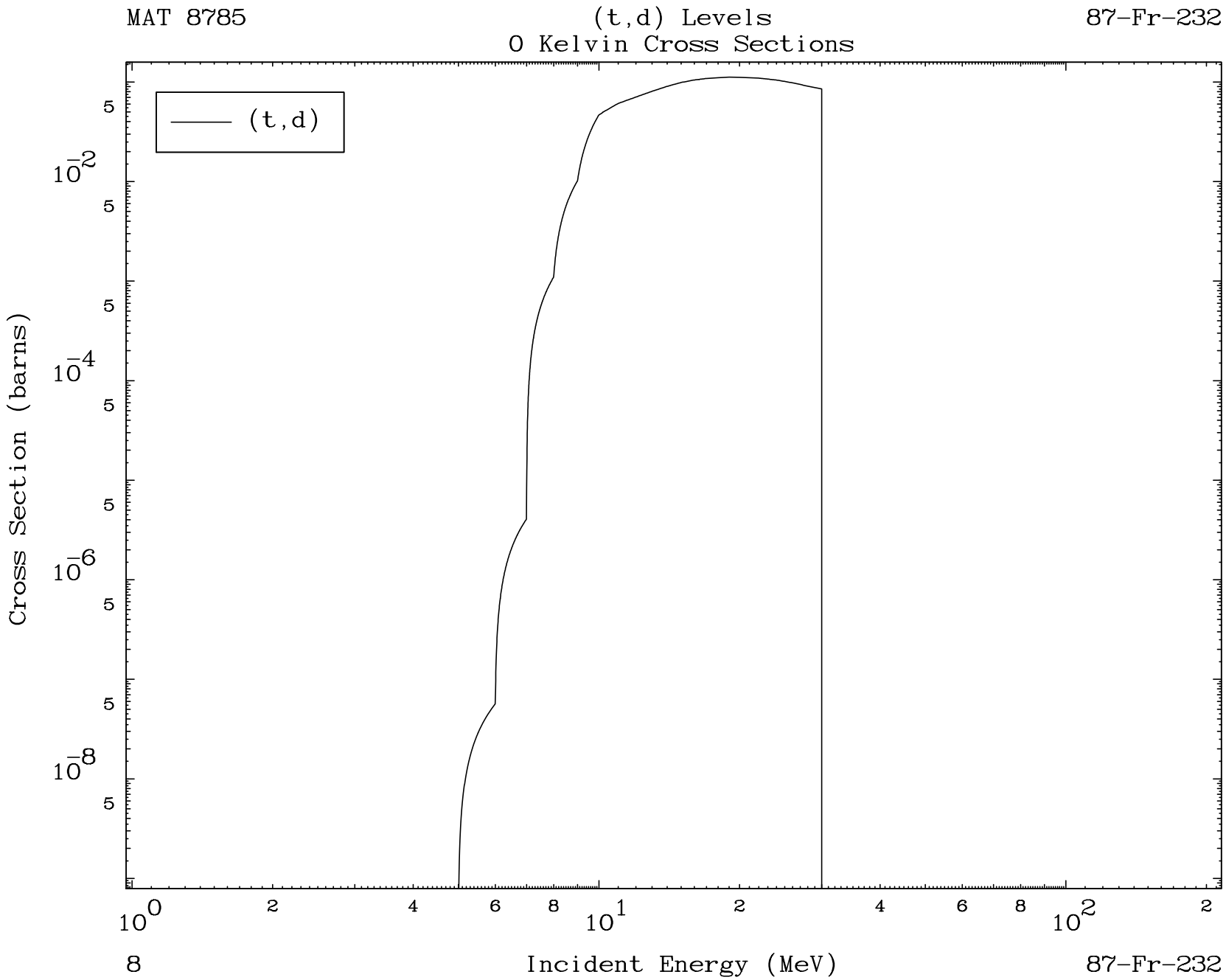

MAT 8785
Triton Neutron Production
0 Kelvin Cross Sections
87-Fr-232
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
87-Fr-232

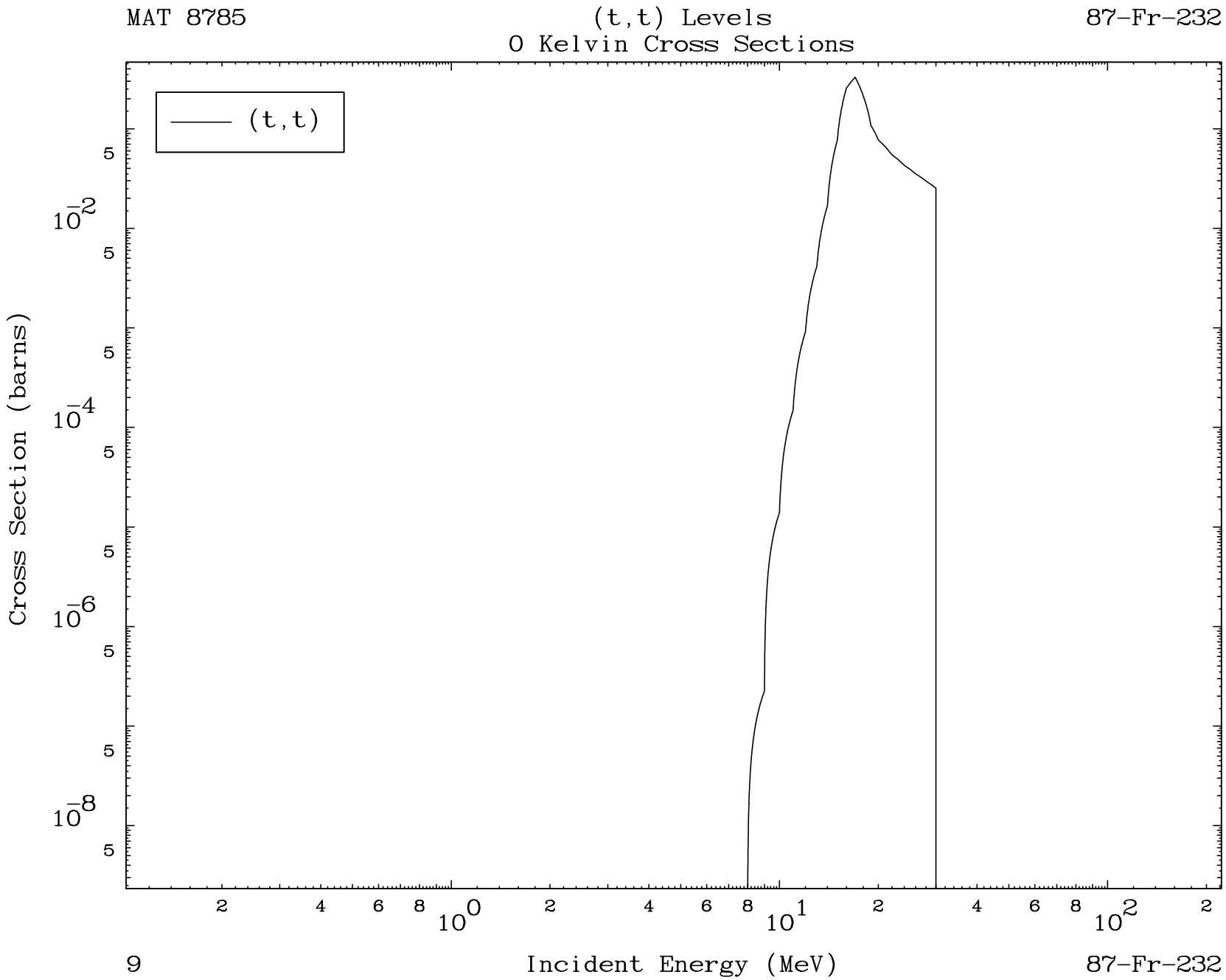

MAT 8785
Triton Charged Particle
0 Kelvin Cross Sections
87-Fr-232
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
87-Fr-232

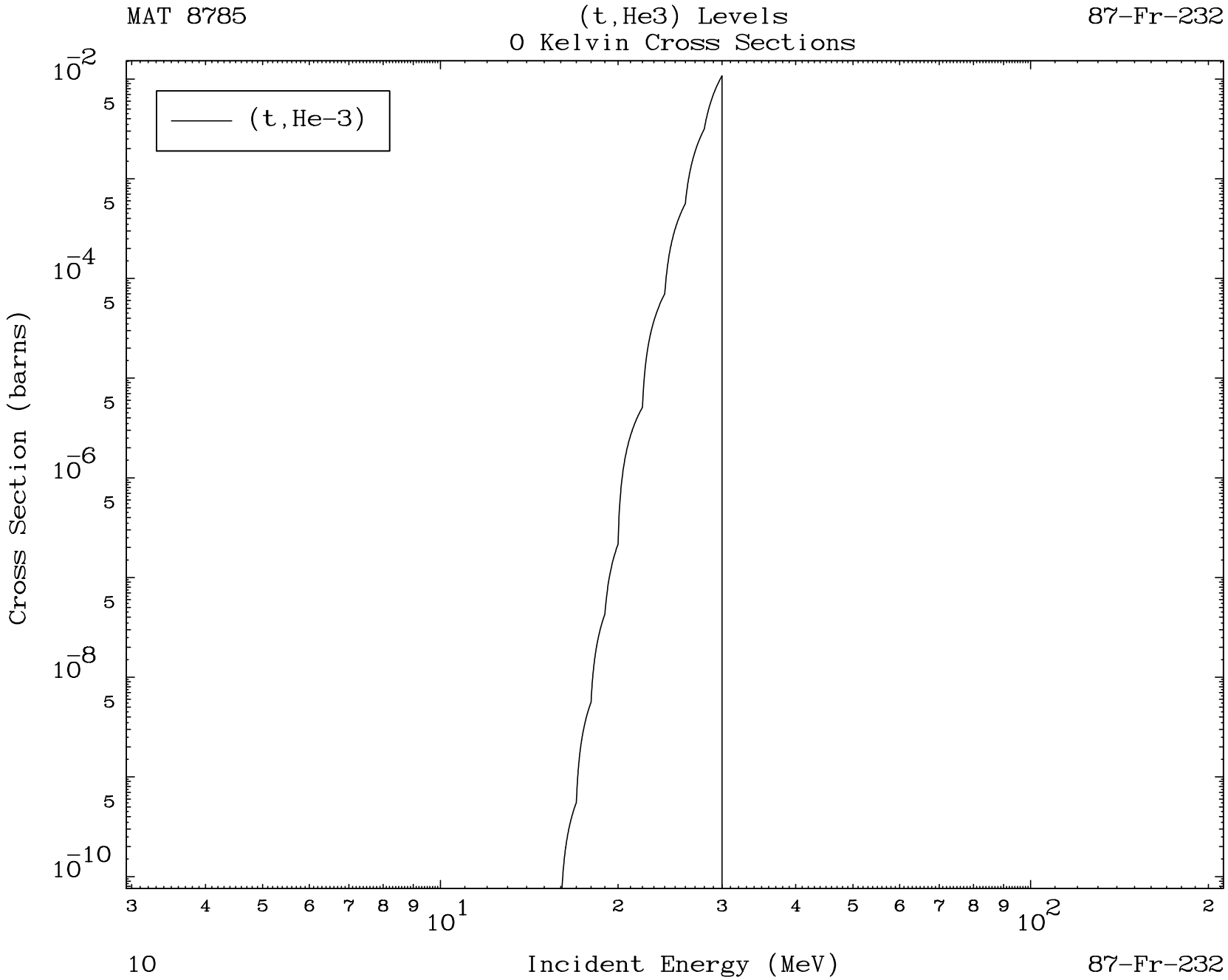

MAT 8785
Triton Charged Particle
0 Kelvin Cross Sections
87-Fr-232
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2p)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-232

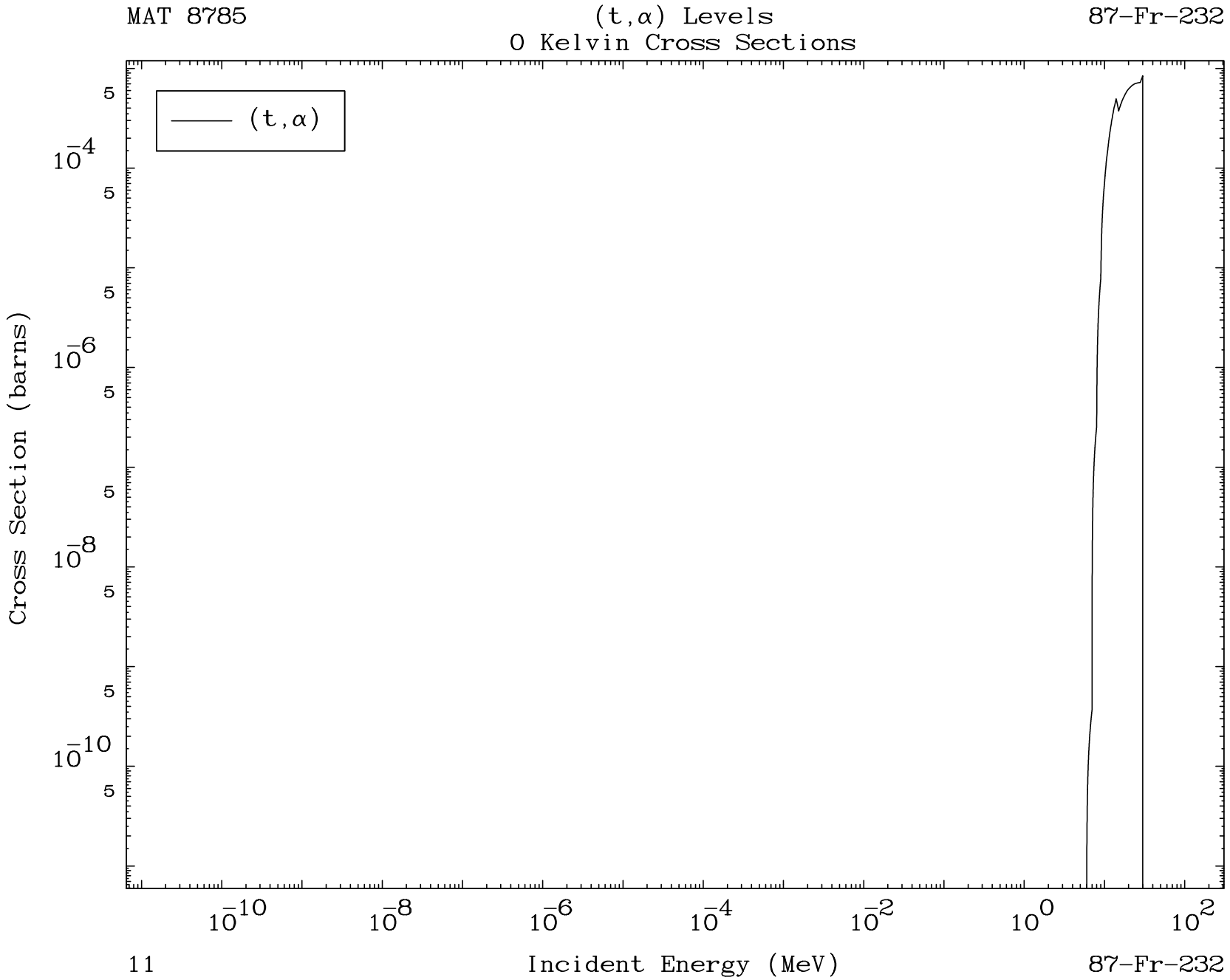

MAT 8785
(t,n') Level
87-Fr-232
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
87-Fr-232

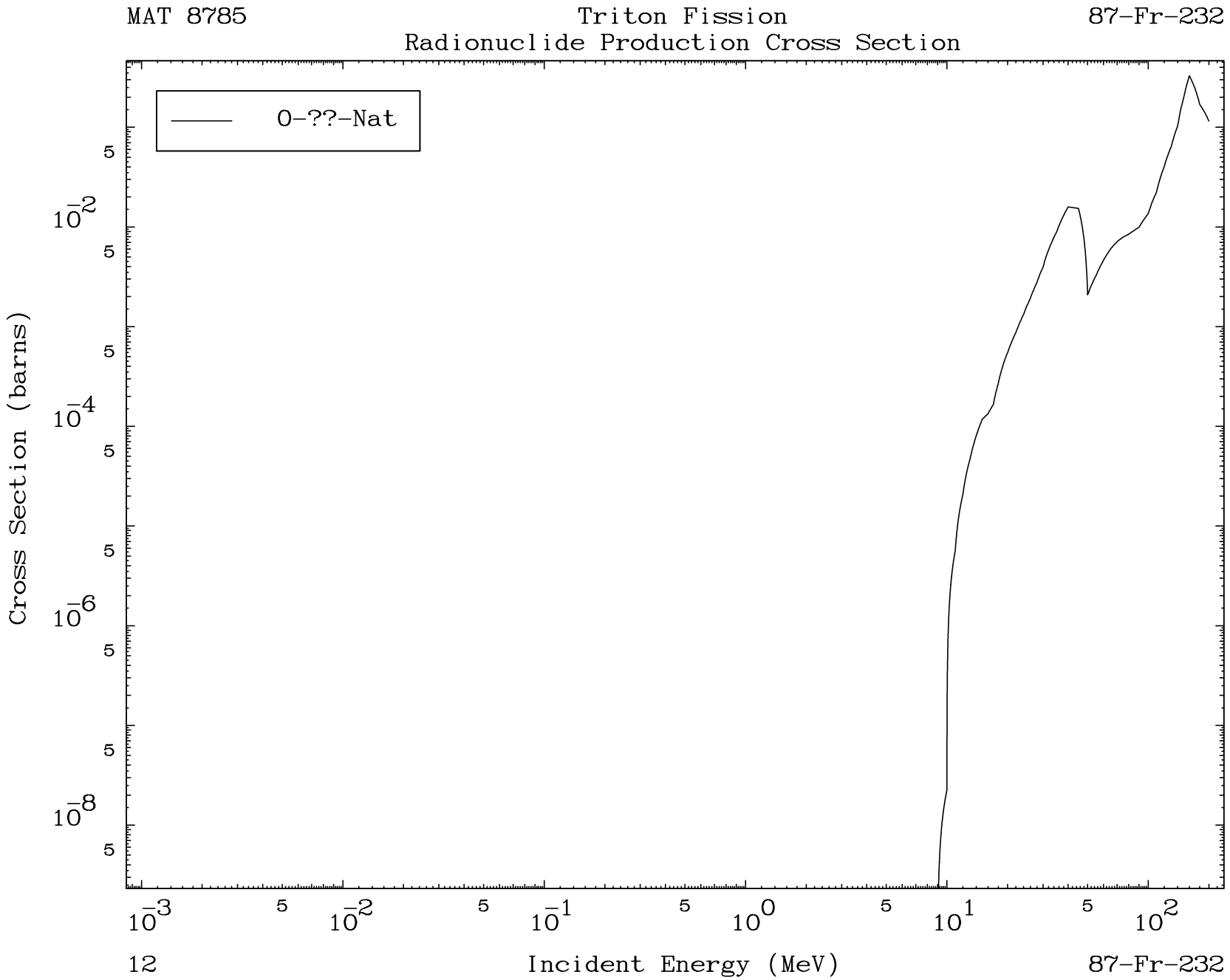

MAT 8785
(t,p) Levels
87-Fr-232
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
7
87-Fr-232


MAT 8785
(t,d) Levels
87-Fr-232
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
87-Fr-232
8


MAT 8785
(t,t) Levels
87-Fr-232
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
87-Fr-232


MAT 8785
(t,He3) Levels
87-Fr-232
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
87-Fr-232


MAT 8785
(t,α) Levels
87-Fr-232
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
11
Incident Energy (MeV)
87-Fr-232


MAT 8785
Triton Fission
87-Fr-232
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
87-Fr-232