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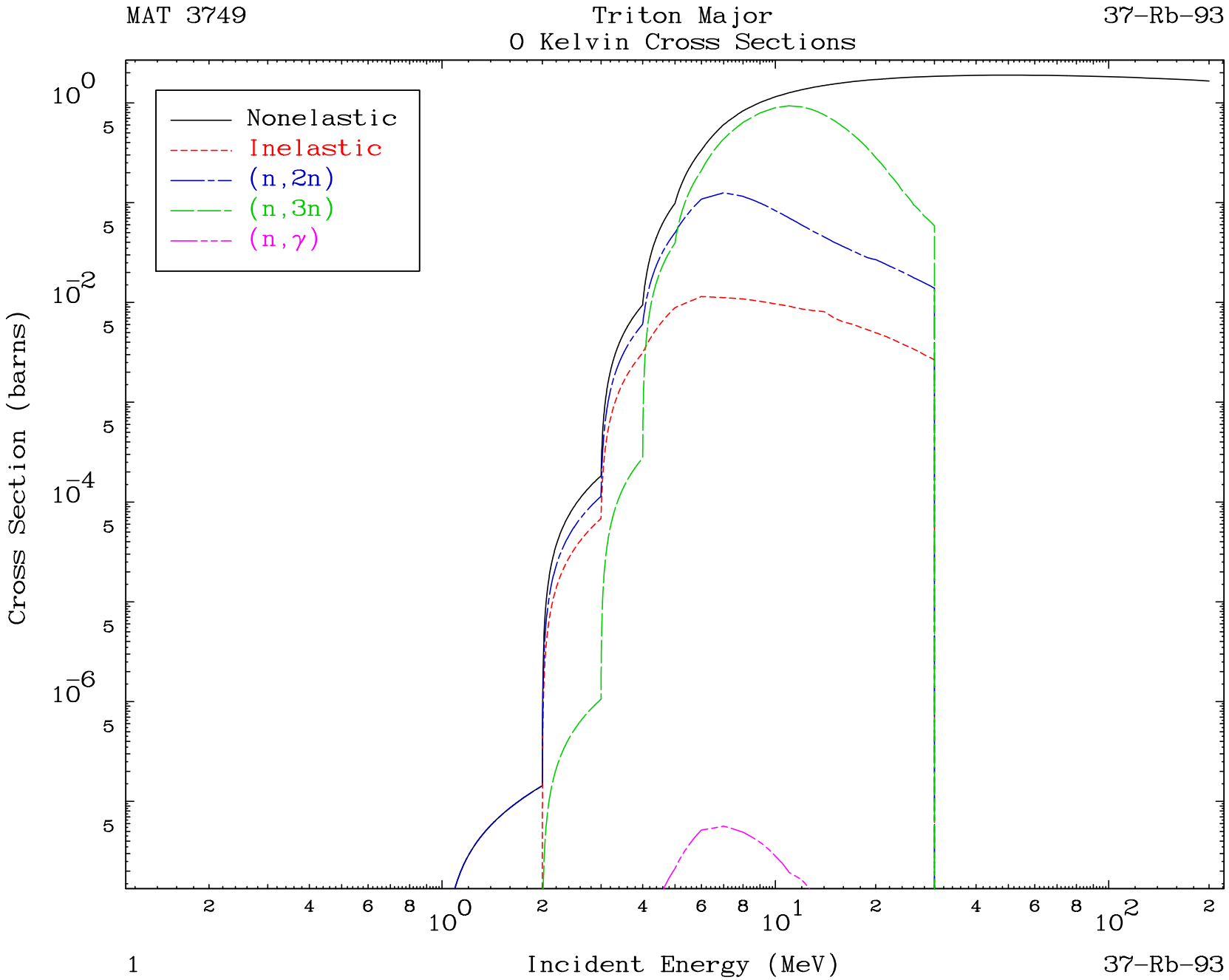
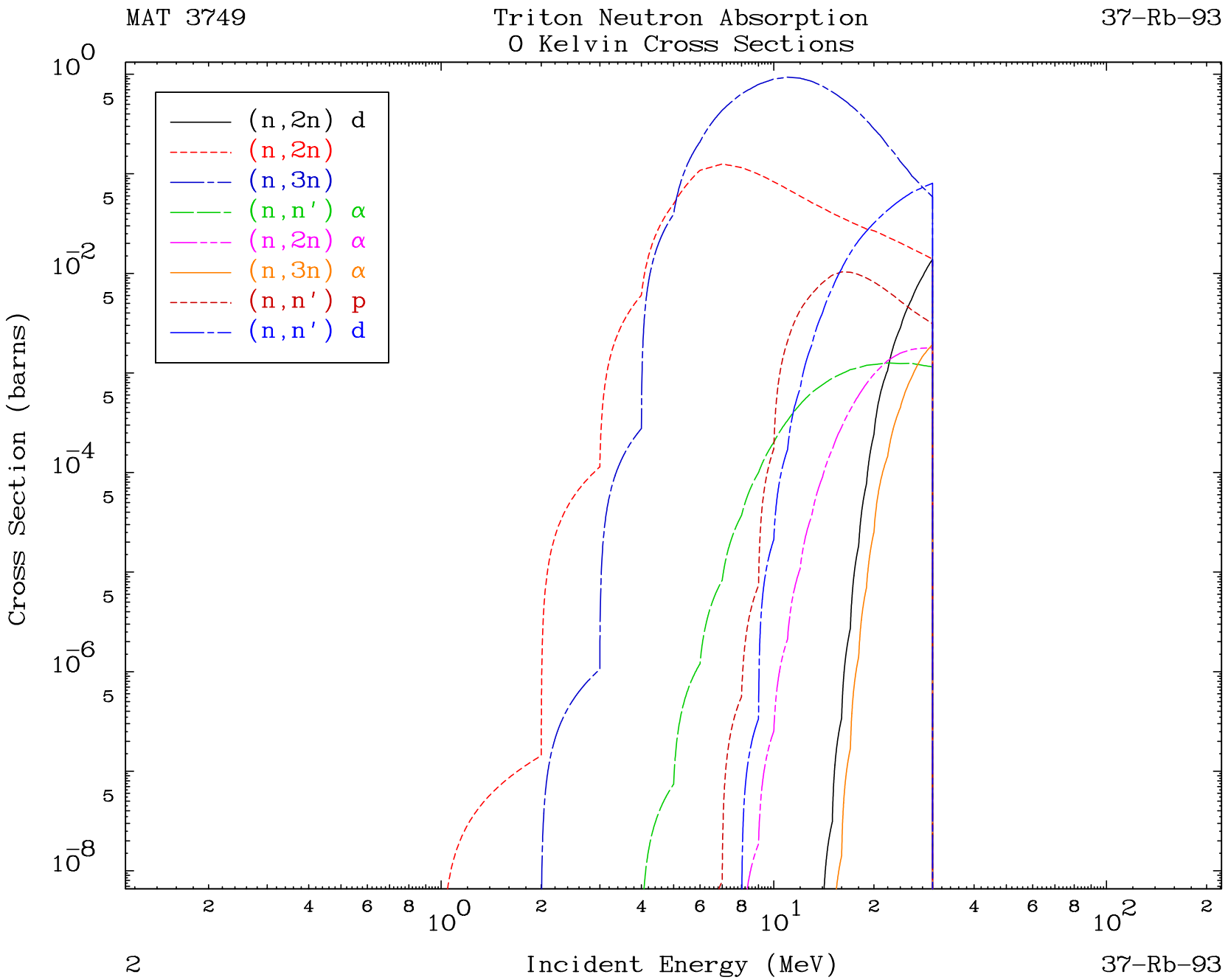
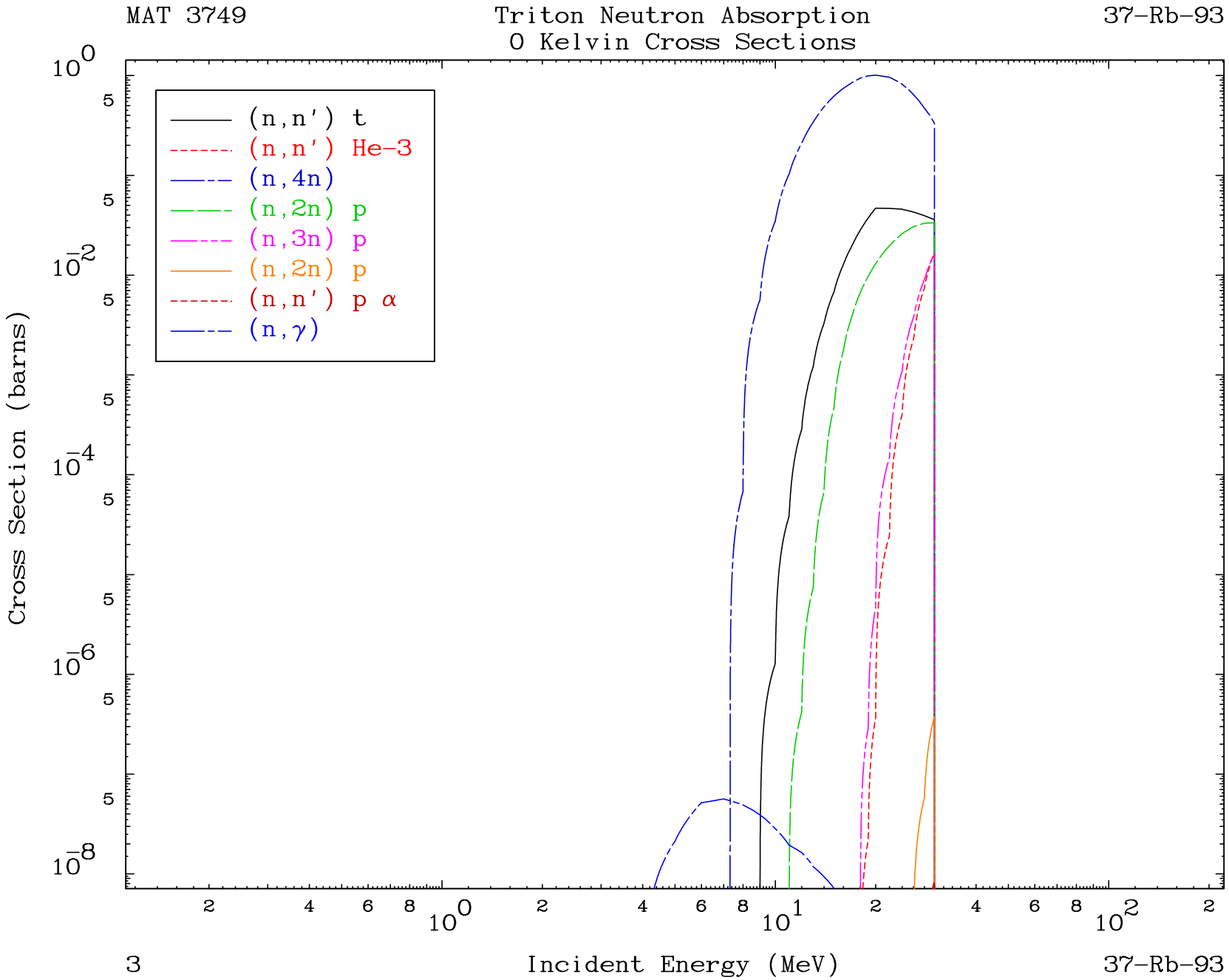
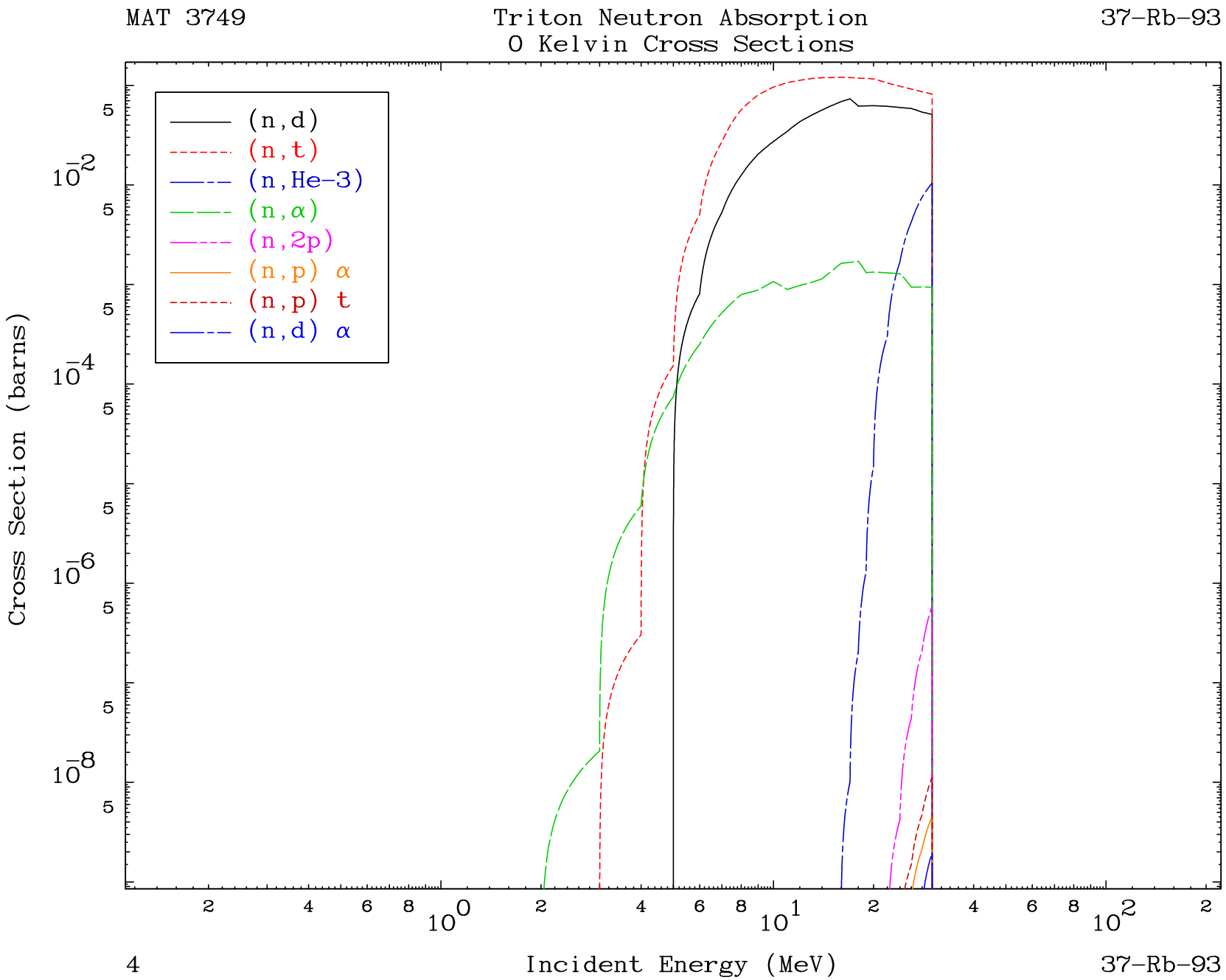
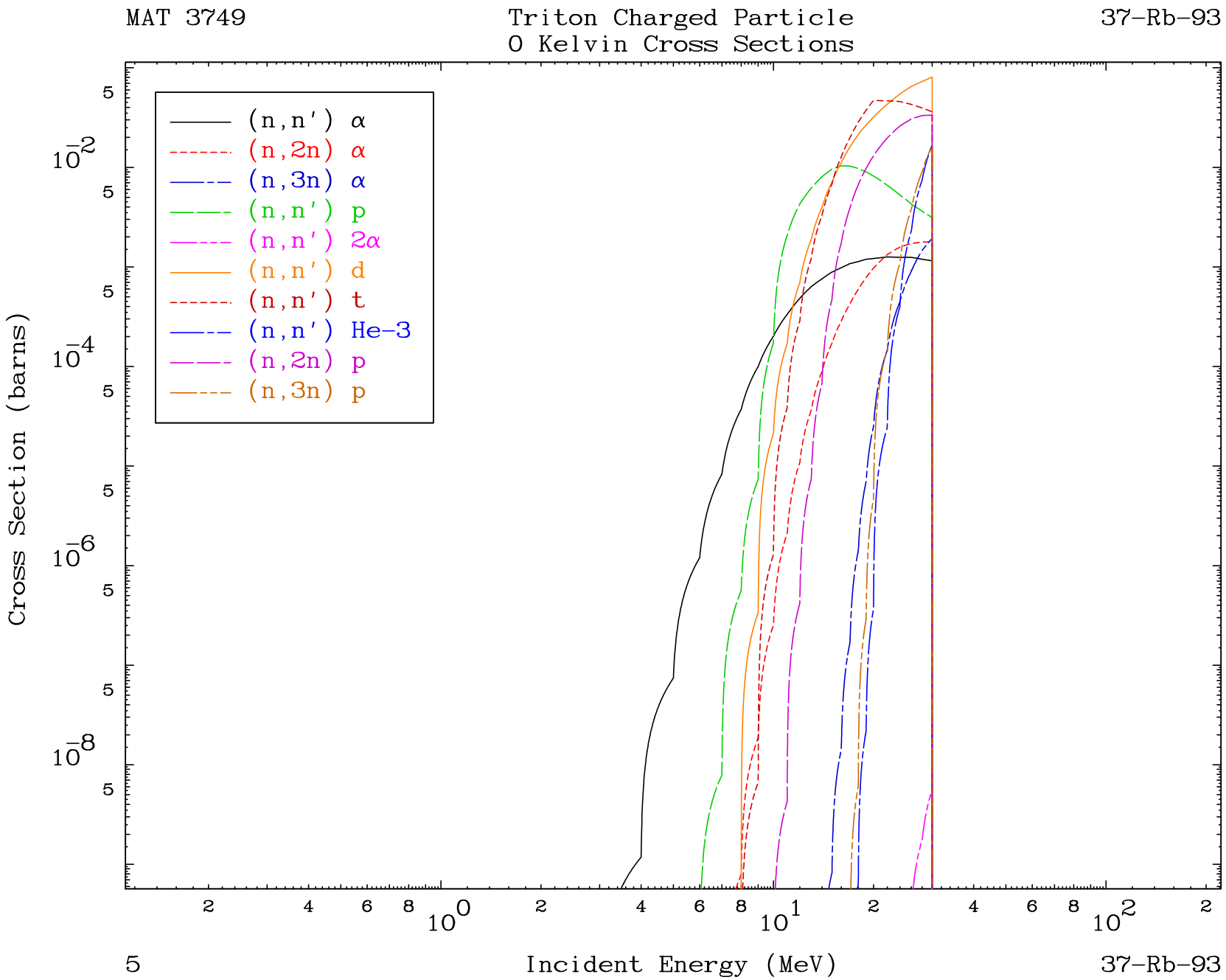
Press Mouse Button to Start

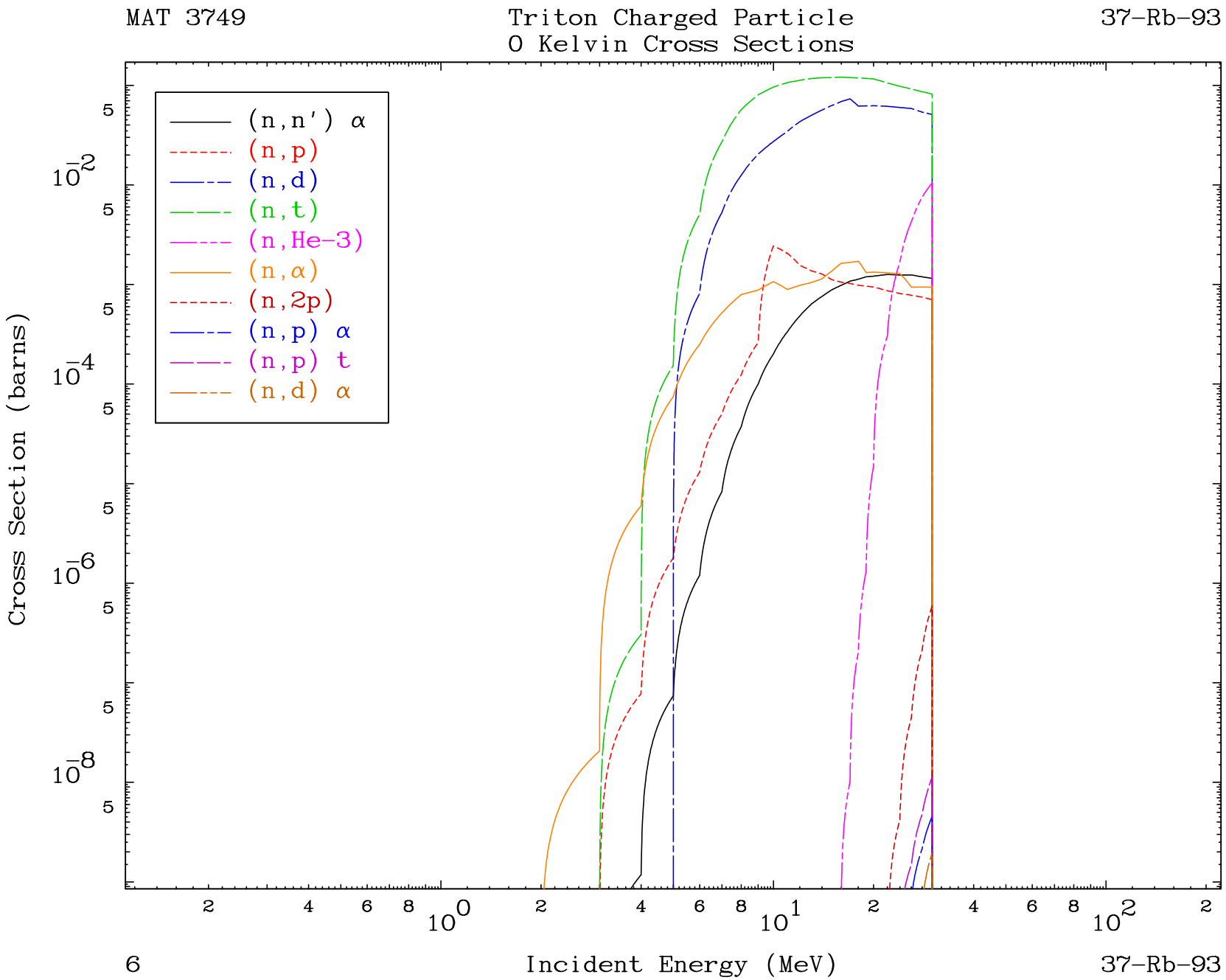

MAT 3749
Triton Major
37-Rb-93
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-93
1

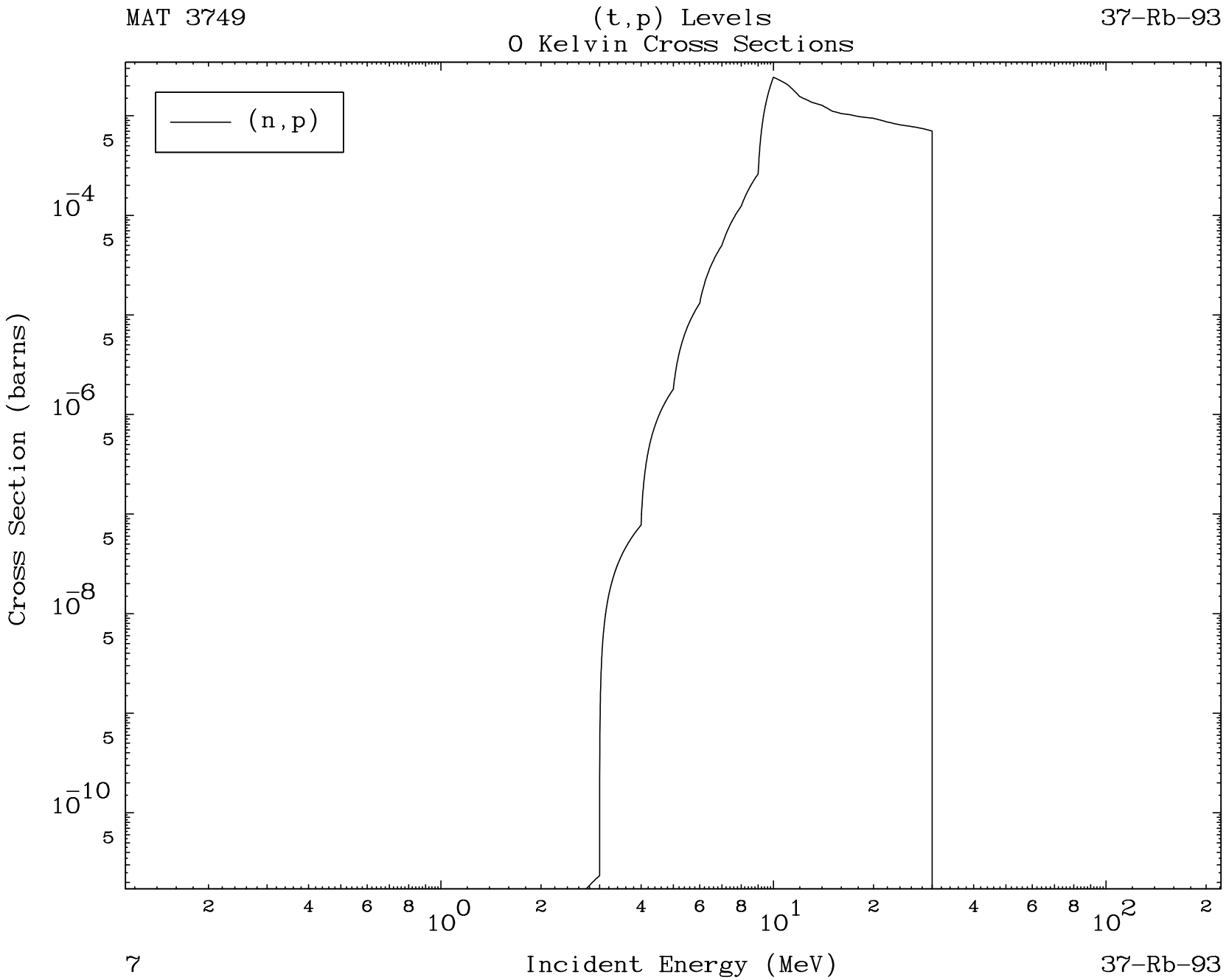

MAT 3749
Triton Neutron Absorption
0 Kelvin Cross Sections
37-Rb-93
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
37-Rb-93
2

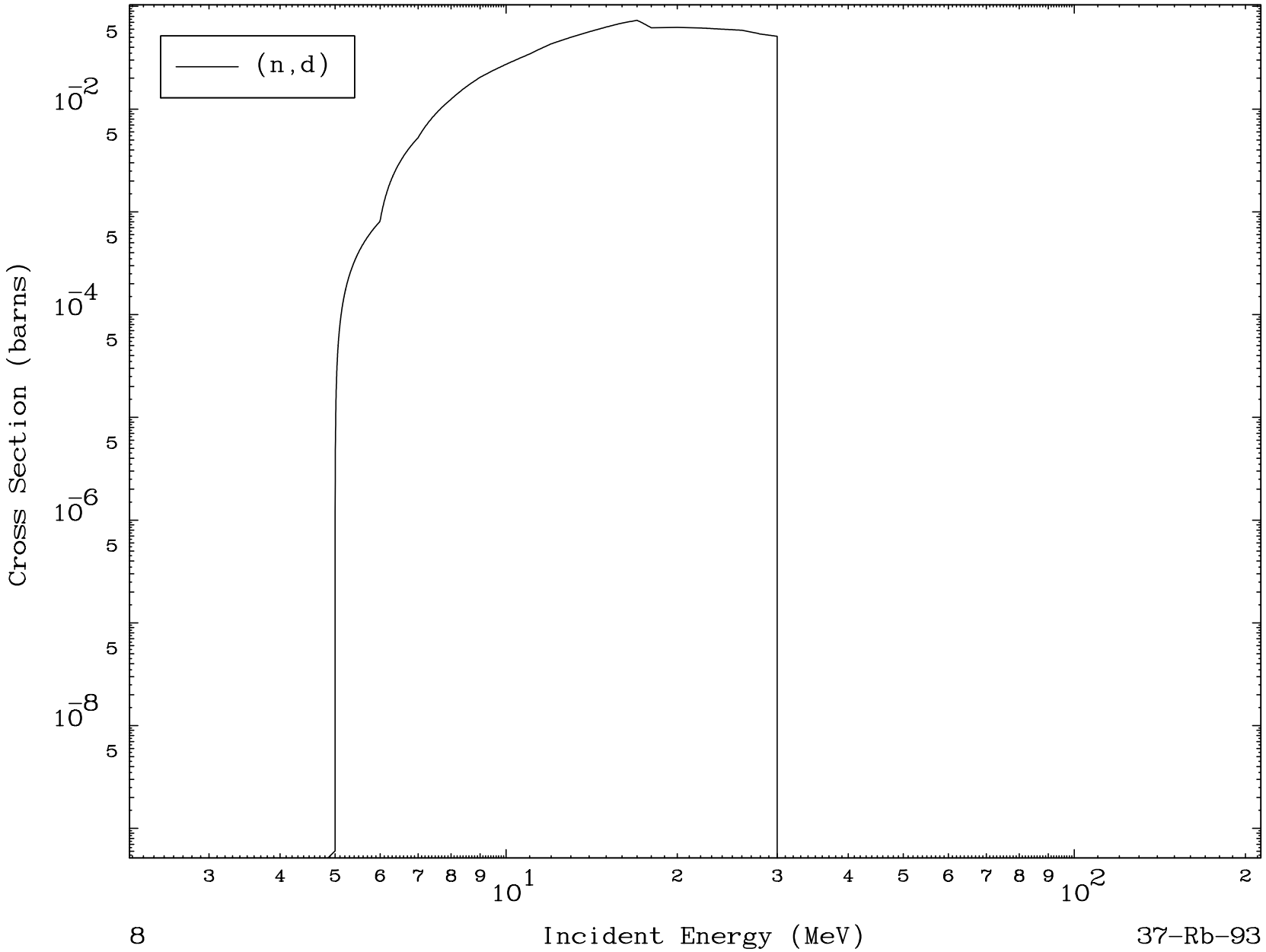

MAT 3749
Triton Neutron Absorption
0 Kelvin Cross Sections
37-Rb-93
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-93

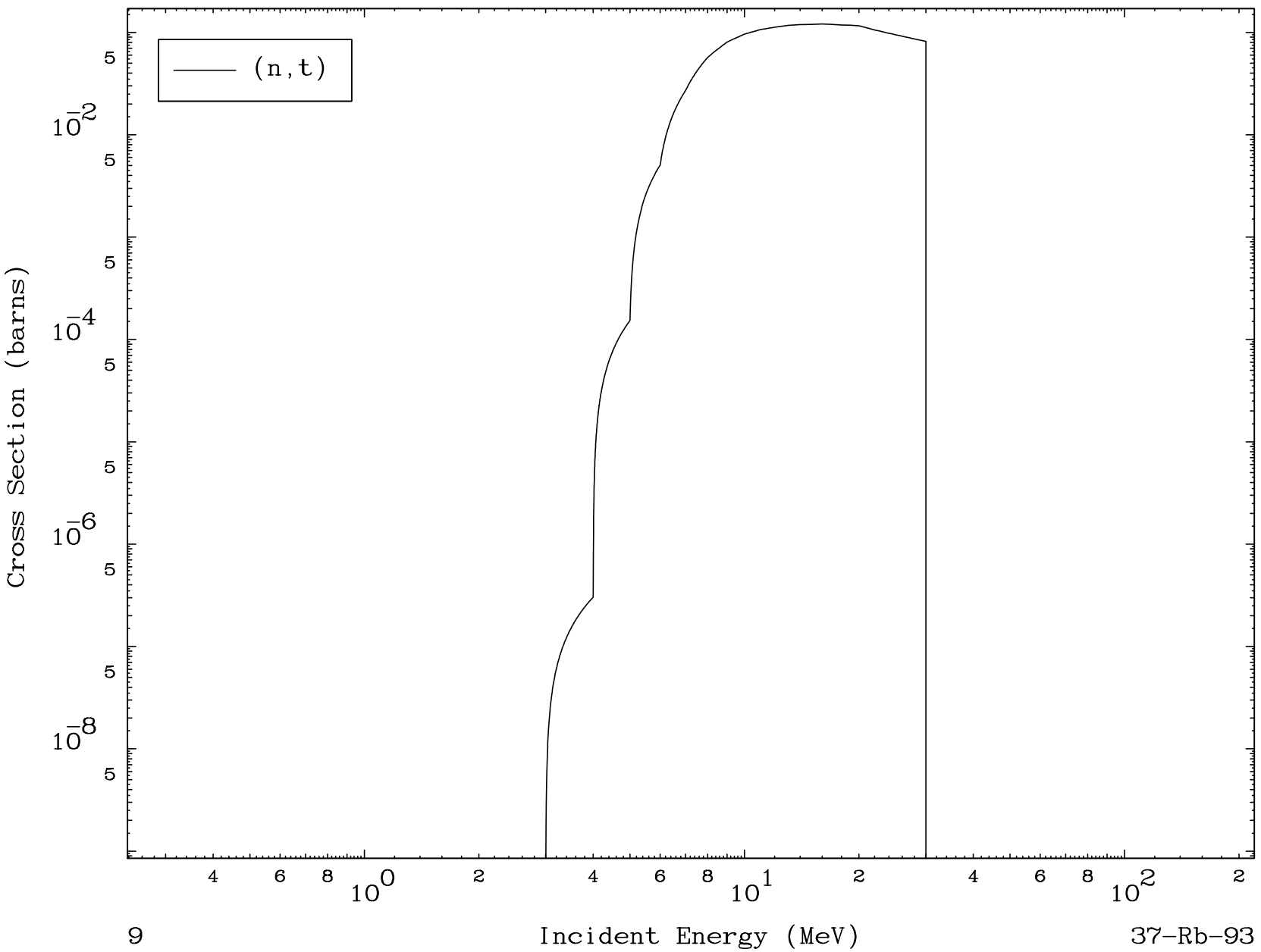

MAT 3749
Triton Neutron Absorption
0 Kelvin Cross Sections
37-Rb-93
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-93

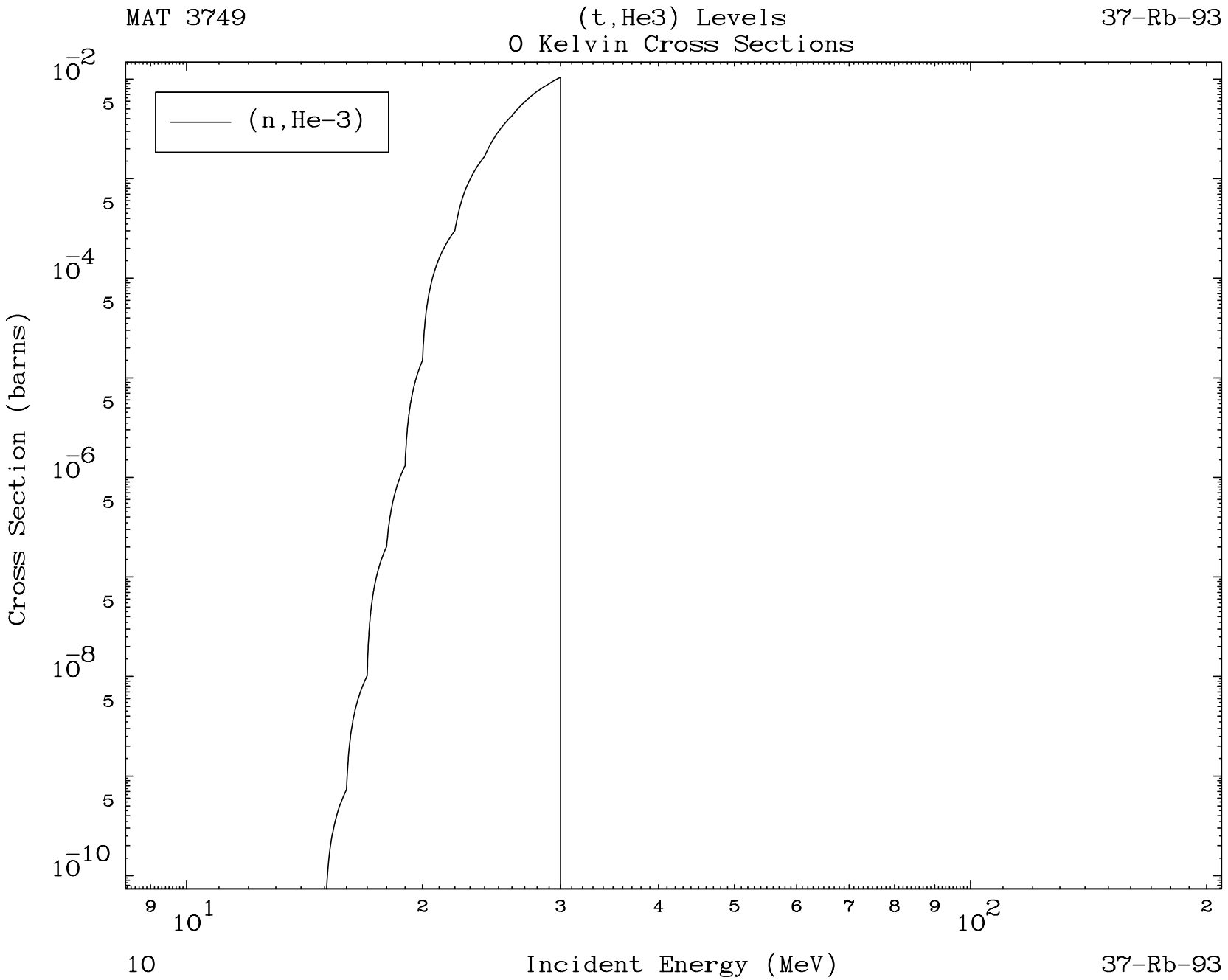

MAT 3749
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-93
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
37-Rb-93

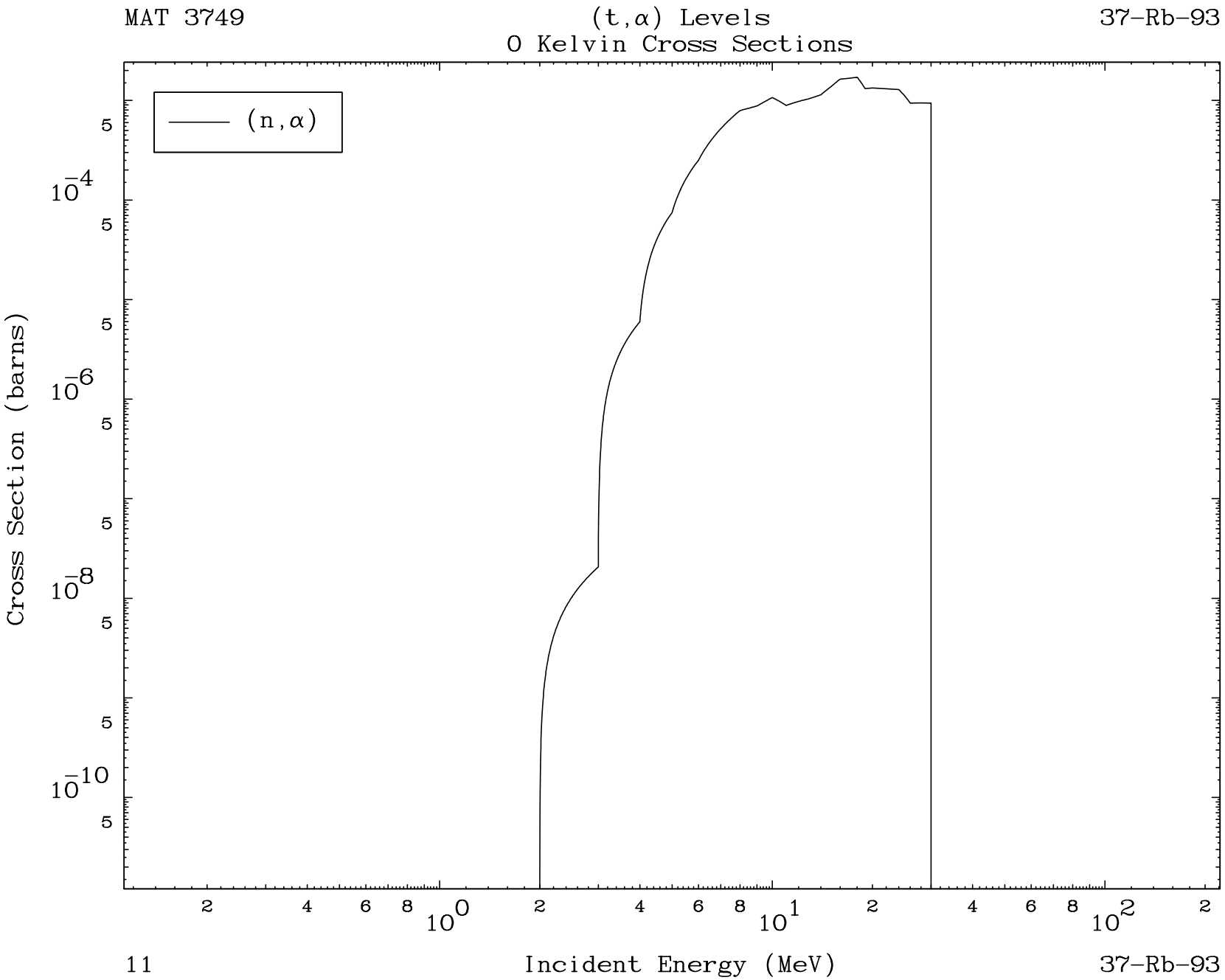

MAT 3749
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-93
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-93


MAT 3749
(t,p) Levels
37-Rb-93
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
7
37-Rb-93


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)


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


MAT 3749
(t,He3) Levels
37-Rb-93
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-93


MAT 3749
(t,α) Levels
37-Rb-93
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
37-Rb-93