Program EVALPLOT
(Version 2018-1)
by
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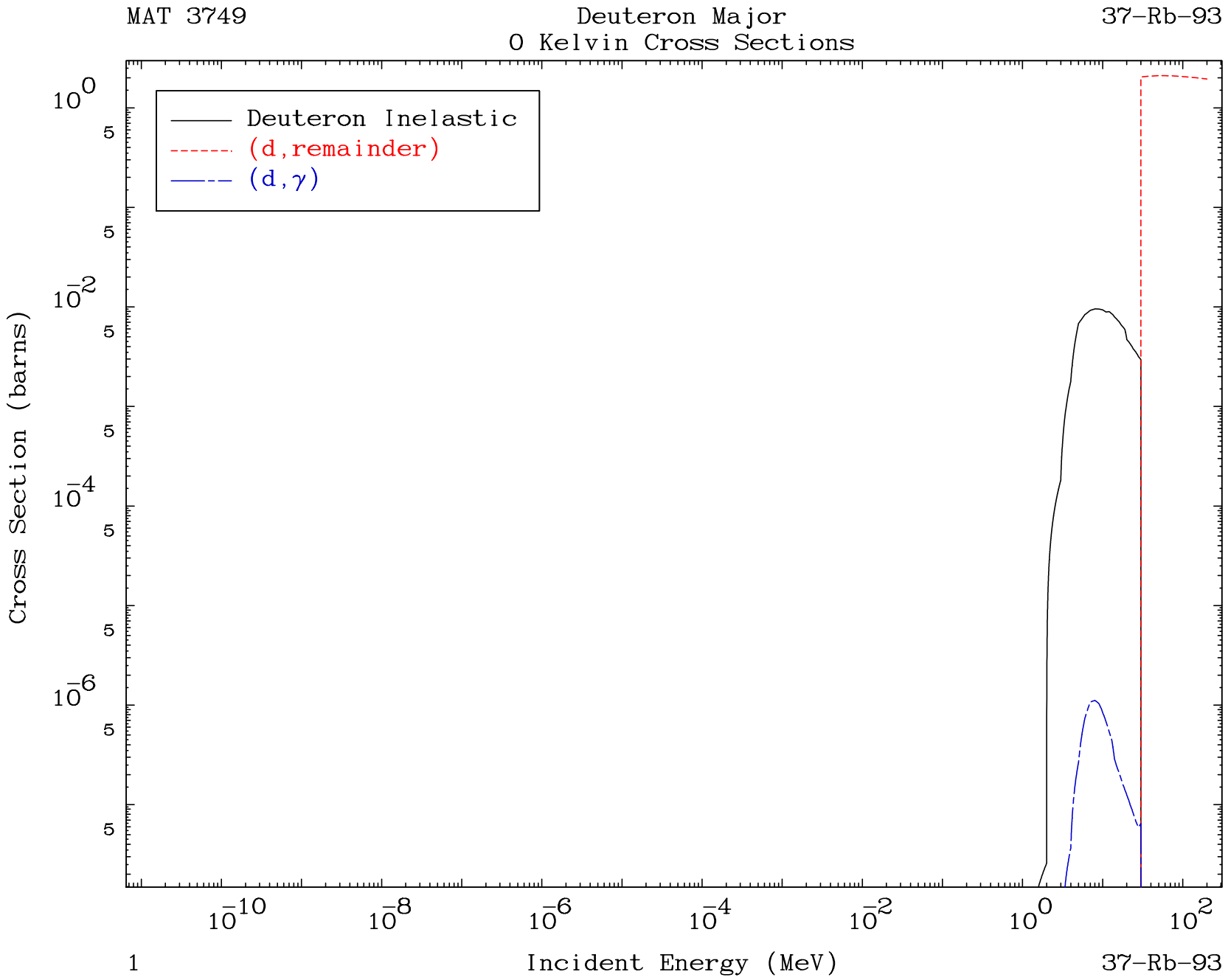
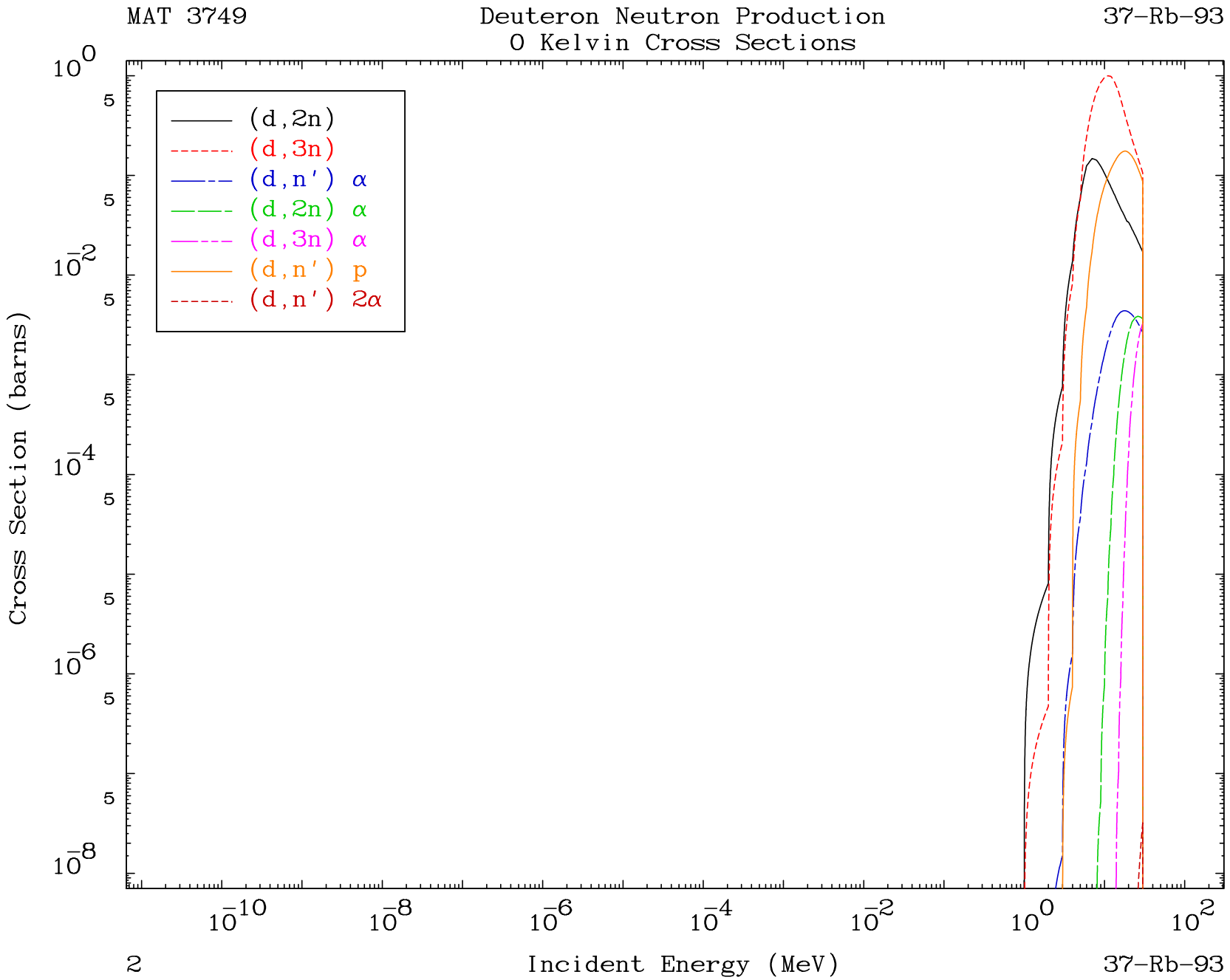
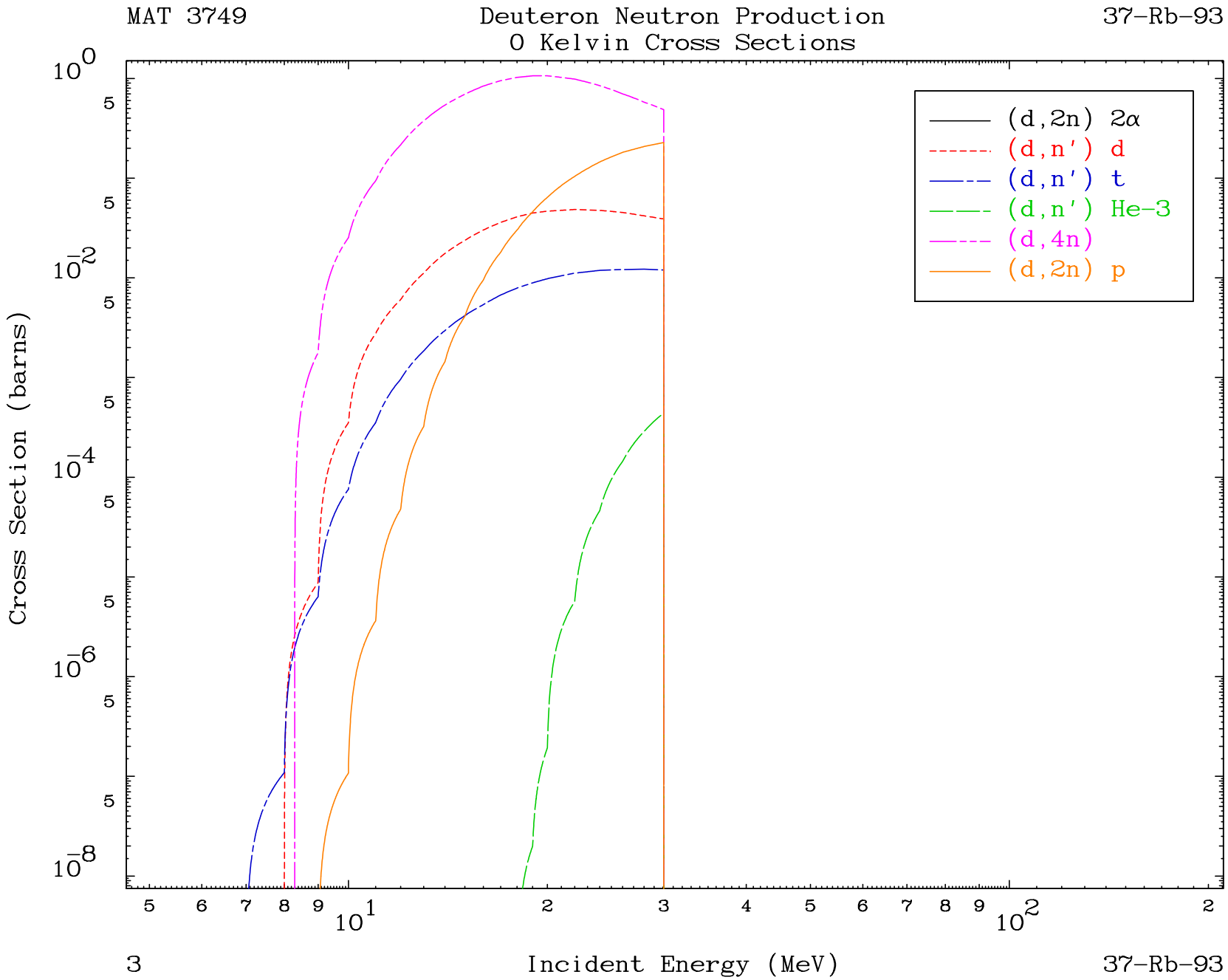
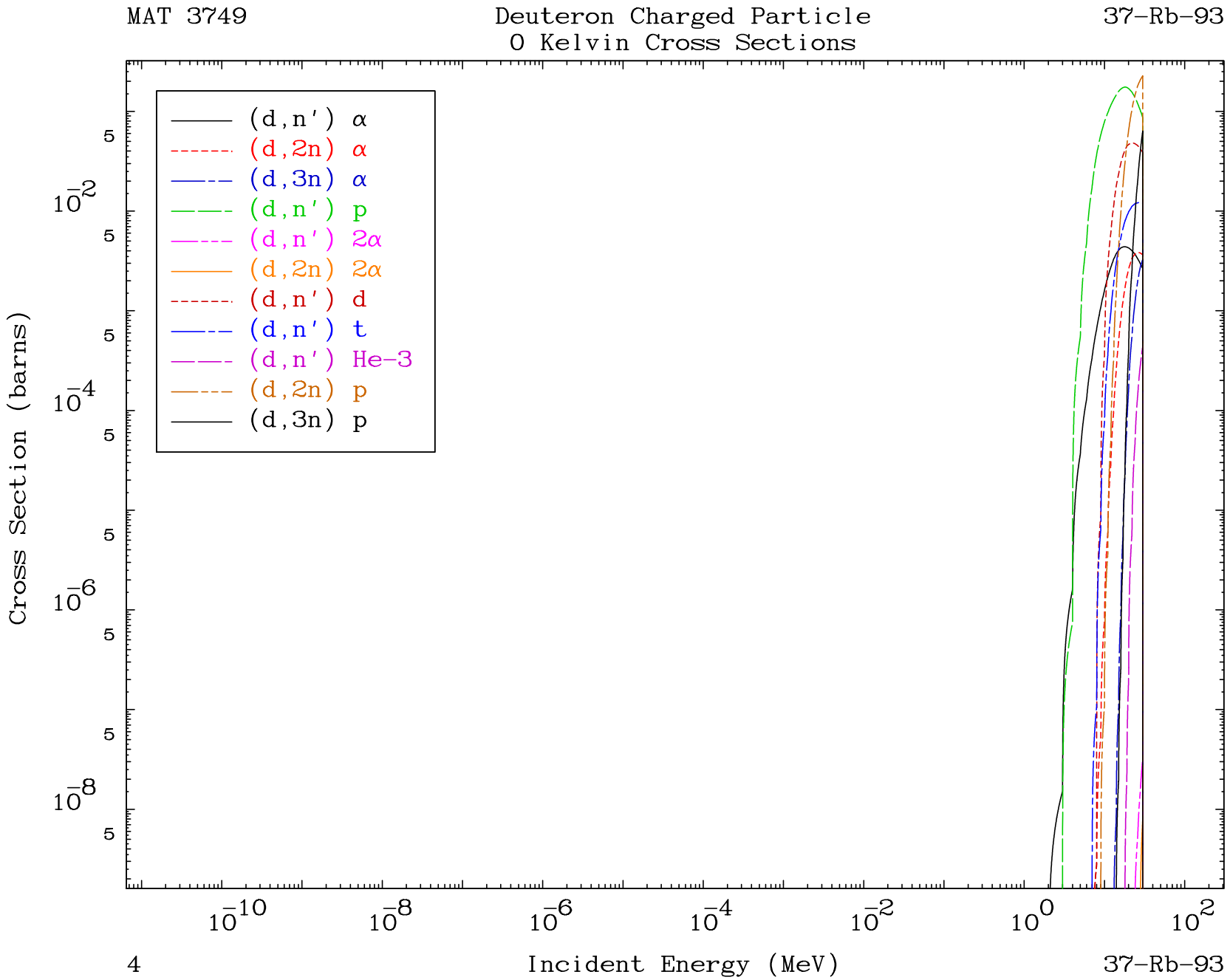
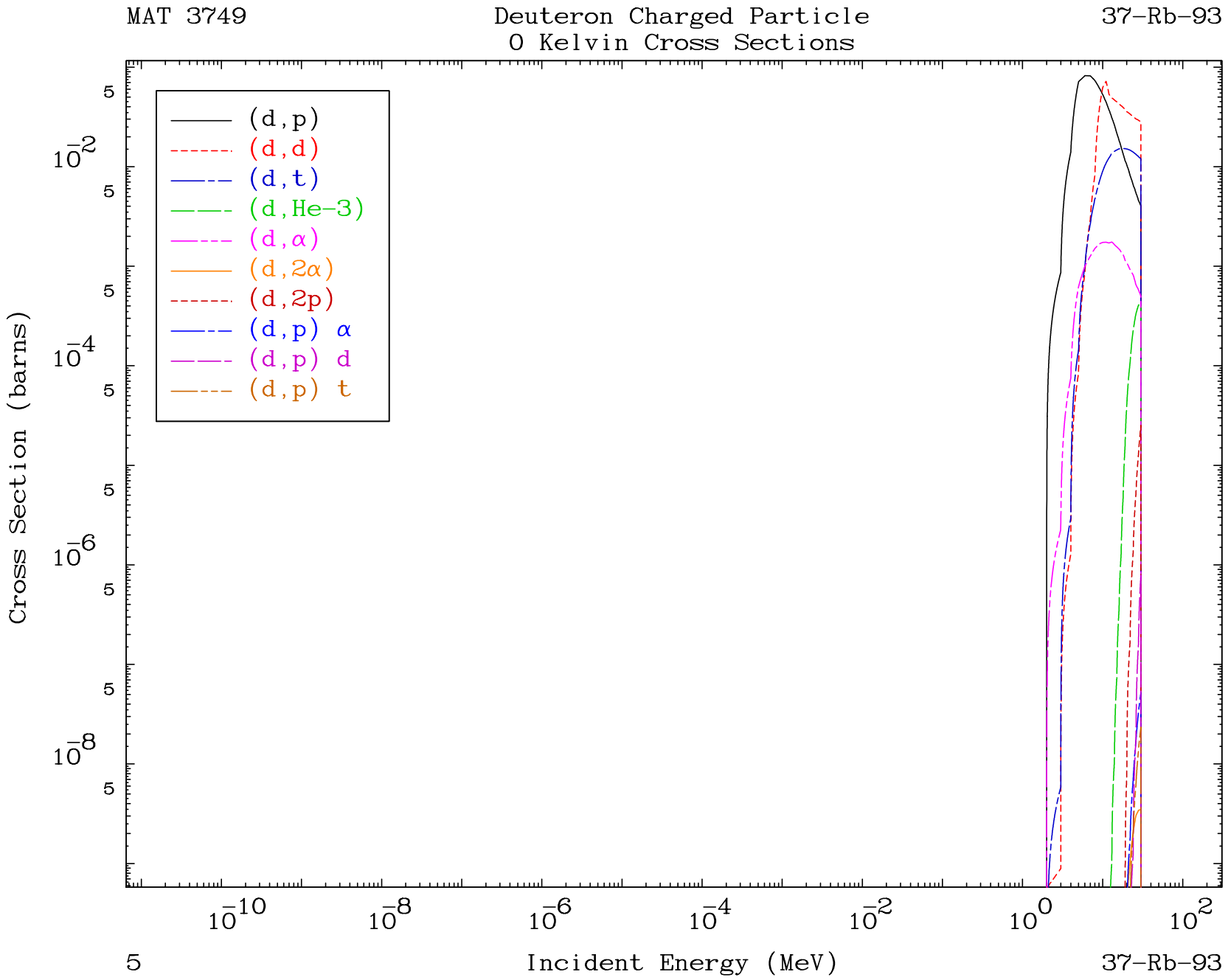
Press Mouse Button to Start

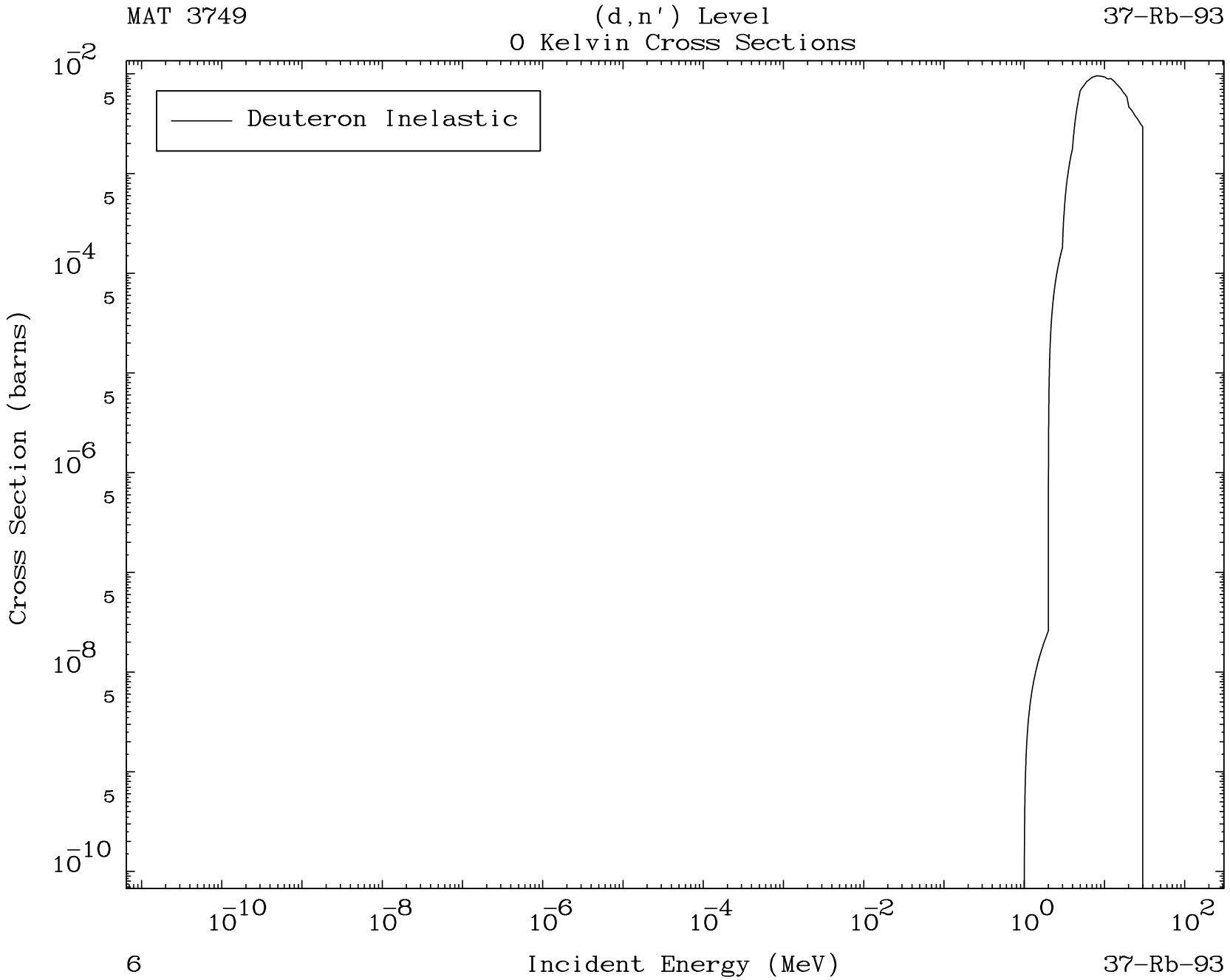

MAT 3749
Deuteron Major
37-Rb-93
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-93
1

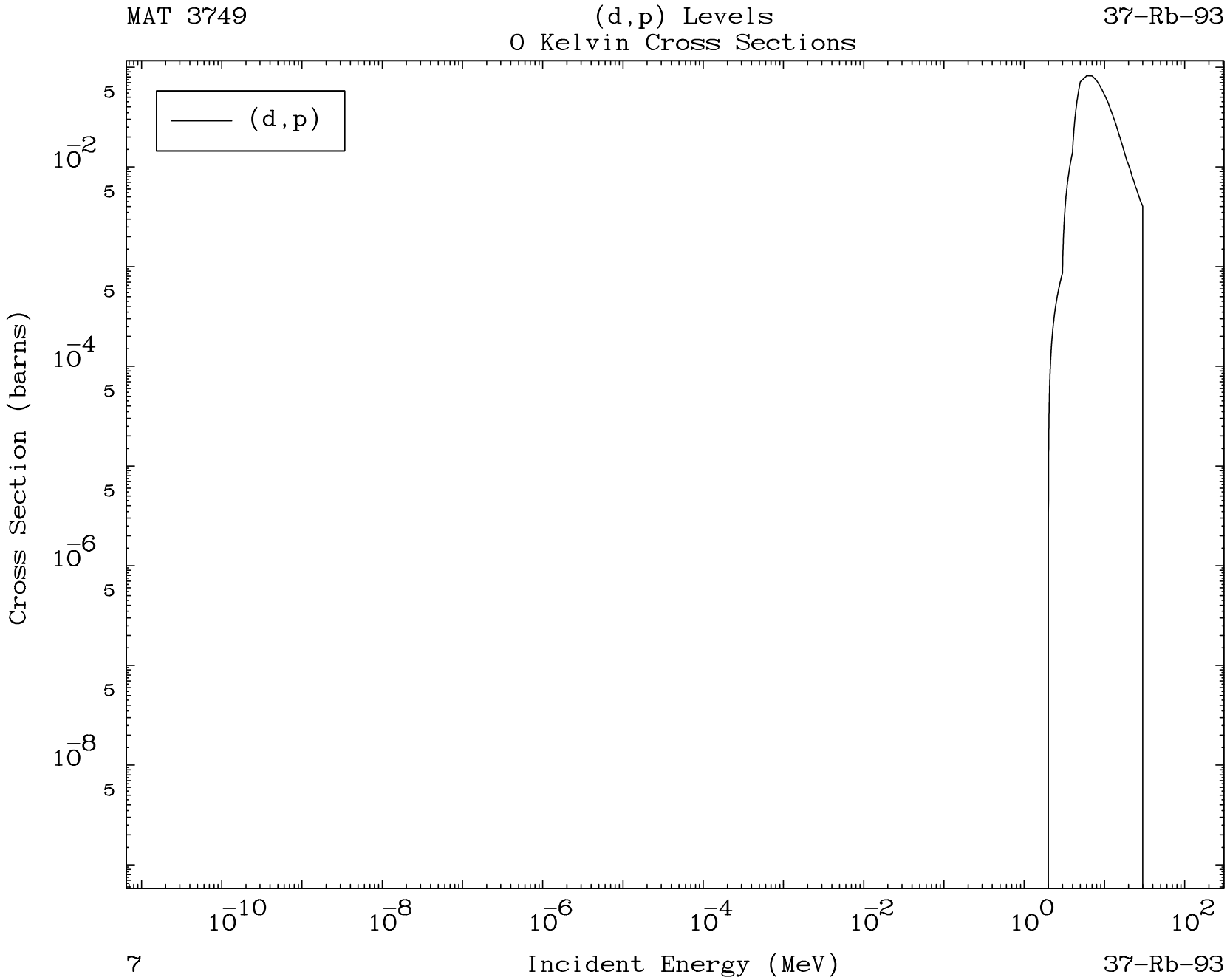

MAT 3749
Deuteron Neutron Production
0 Kelvin Cross Sections
37-Rb-93
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
37-Rb-93

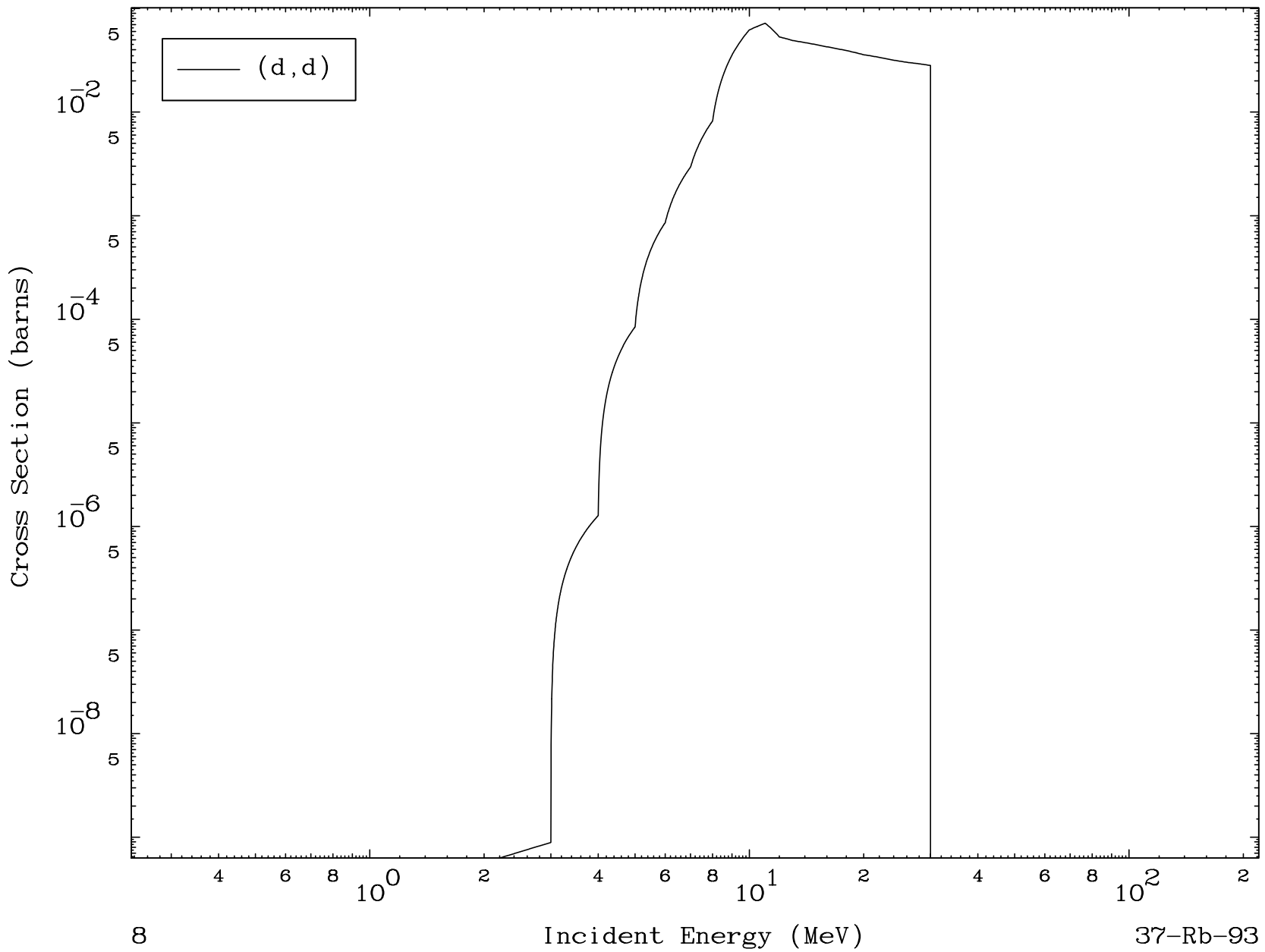

MAT 3749
Deuteron Neutron Production
0 Kelvin Cross Sections
37-Rb-93
Cross Section (barns)
Incident Energy (MeV)
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
3
37-Rb-93

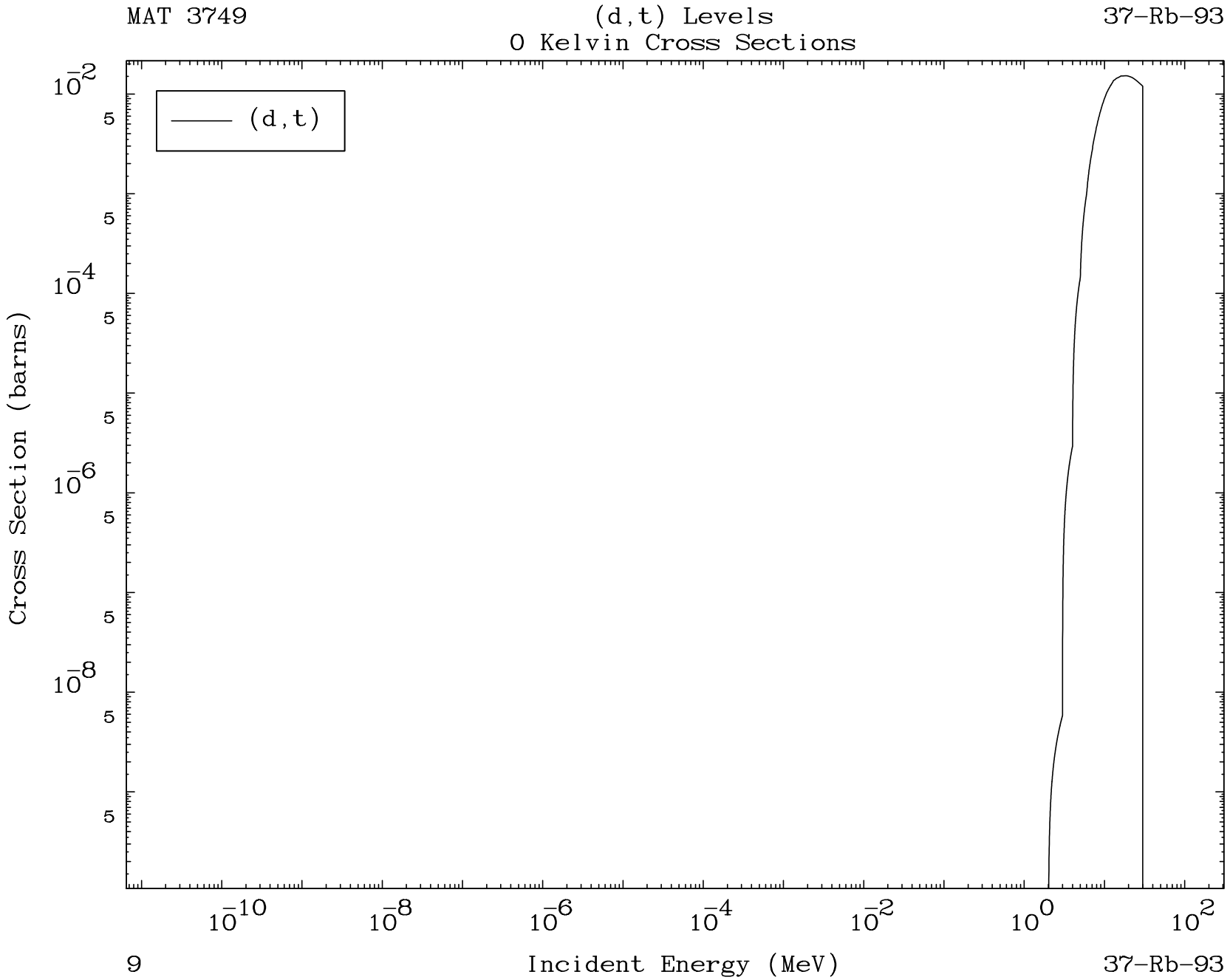

MAT 3749
Deuteron Charged Particle
0 Kelvin Cross Sections
37-Rb-93
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-93

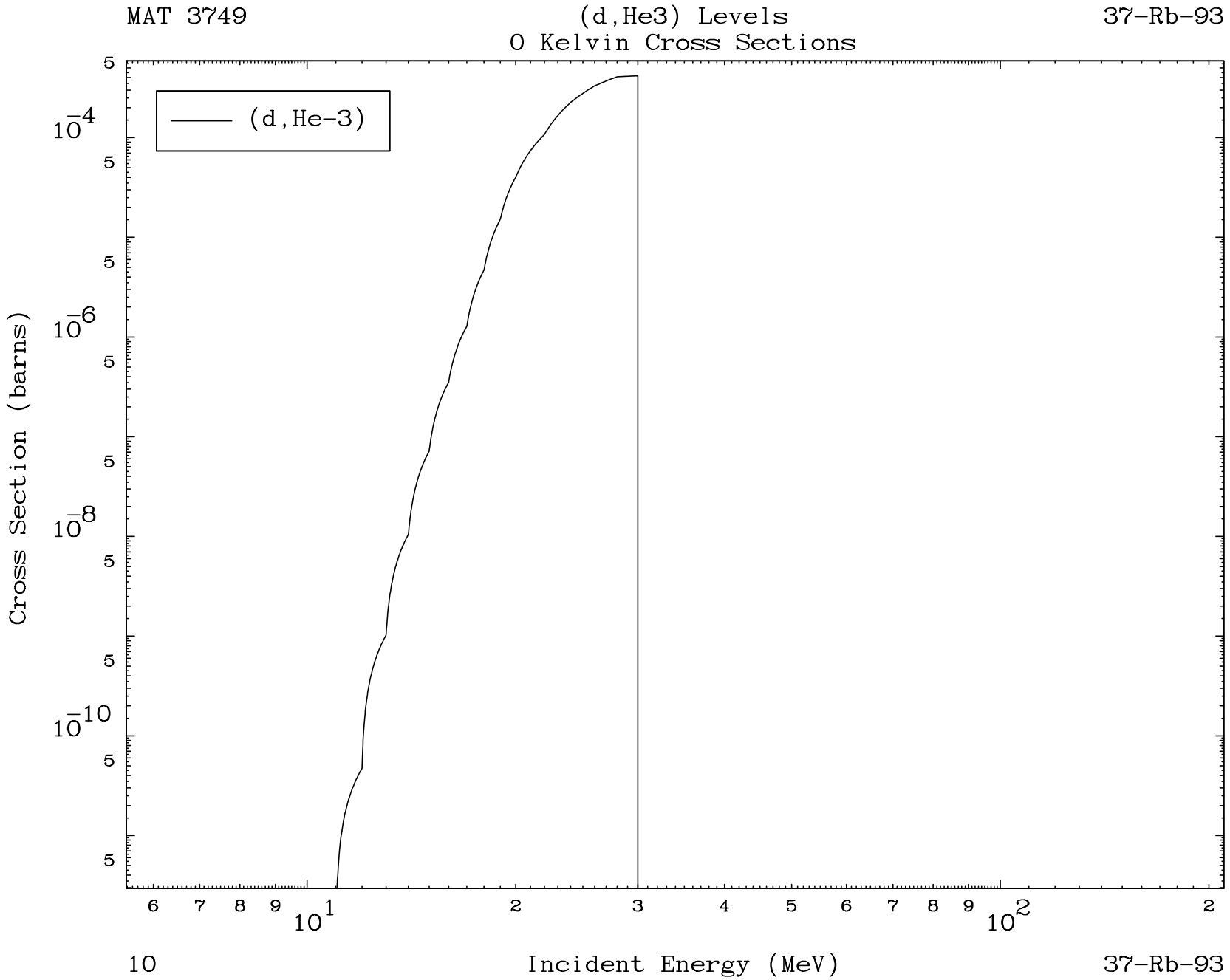

MAT 3749
Deuteron Charged Particle
0 Kelvin Cross Sections
37-Rb-93
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
37-Rb-93

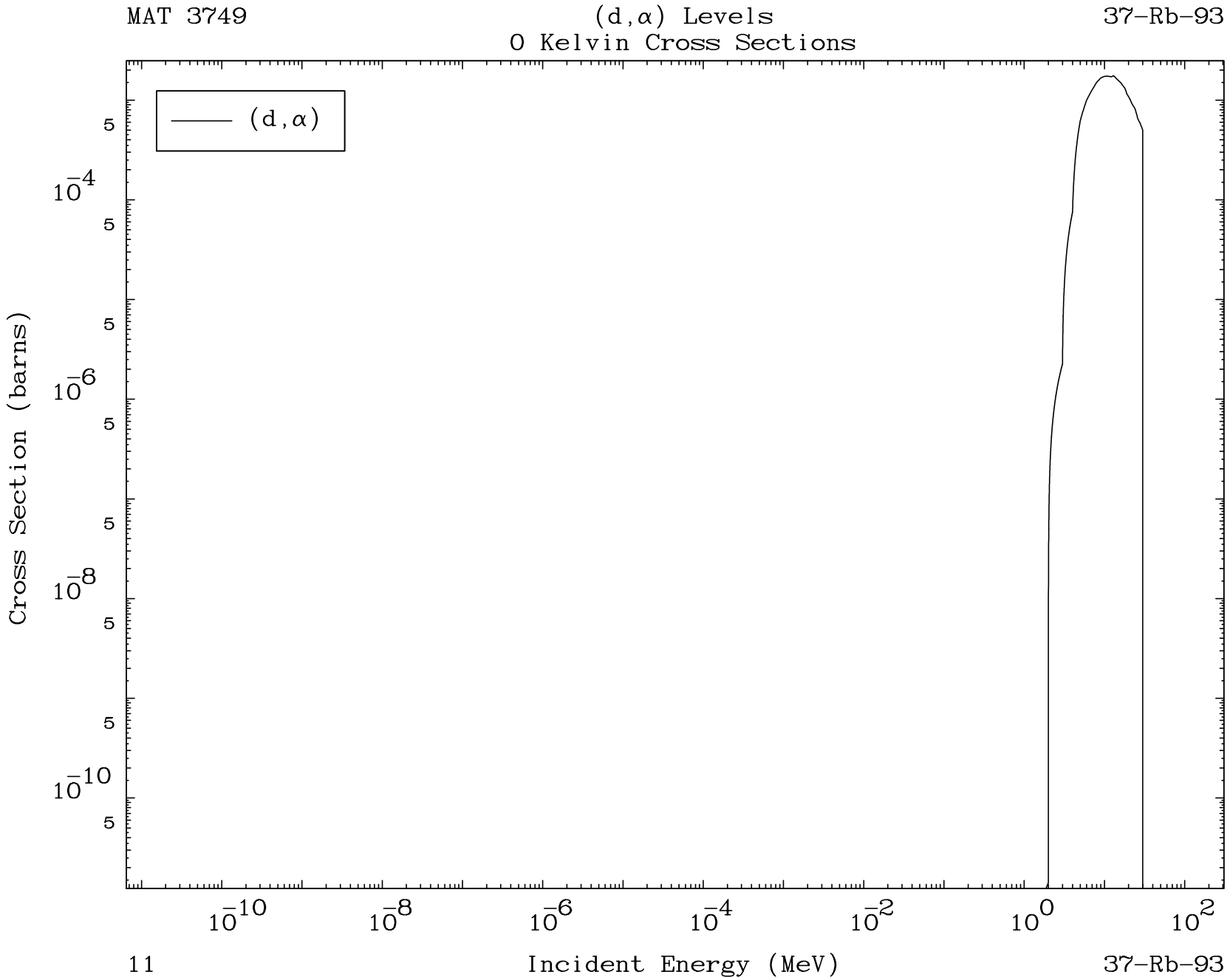

MAT 3749
(d,n') Level
37-Rb-93
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-93


MAT 3749
(d,p) Levels
37-Rb-93
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
37-Rb-93


0 Kelvin Cross Sections
(d,d)
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
(d,t) Levels
37-Rb-93
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
37-Rb-93


MAT 3749
(d,He3) Levels
37-Rb-93
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
37-Rb-93


MAT 3749
(d,α) Levels
37-Rb-93
0 Kelvin Cross Sections
(d,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)
37-Rb-93