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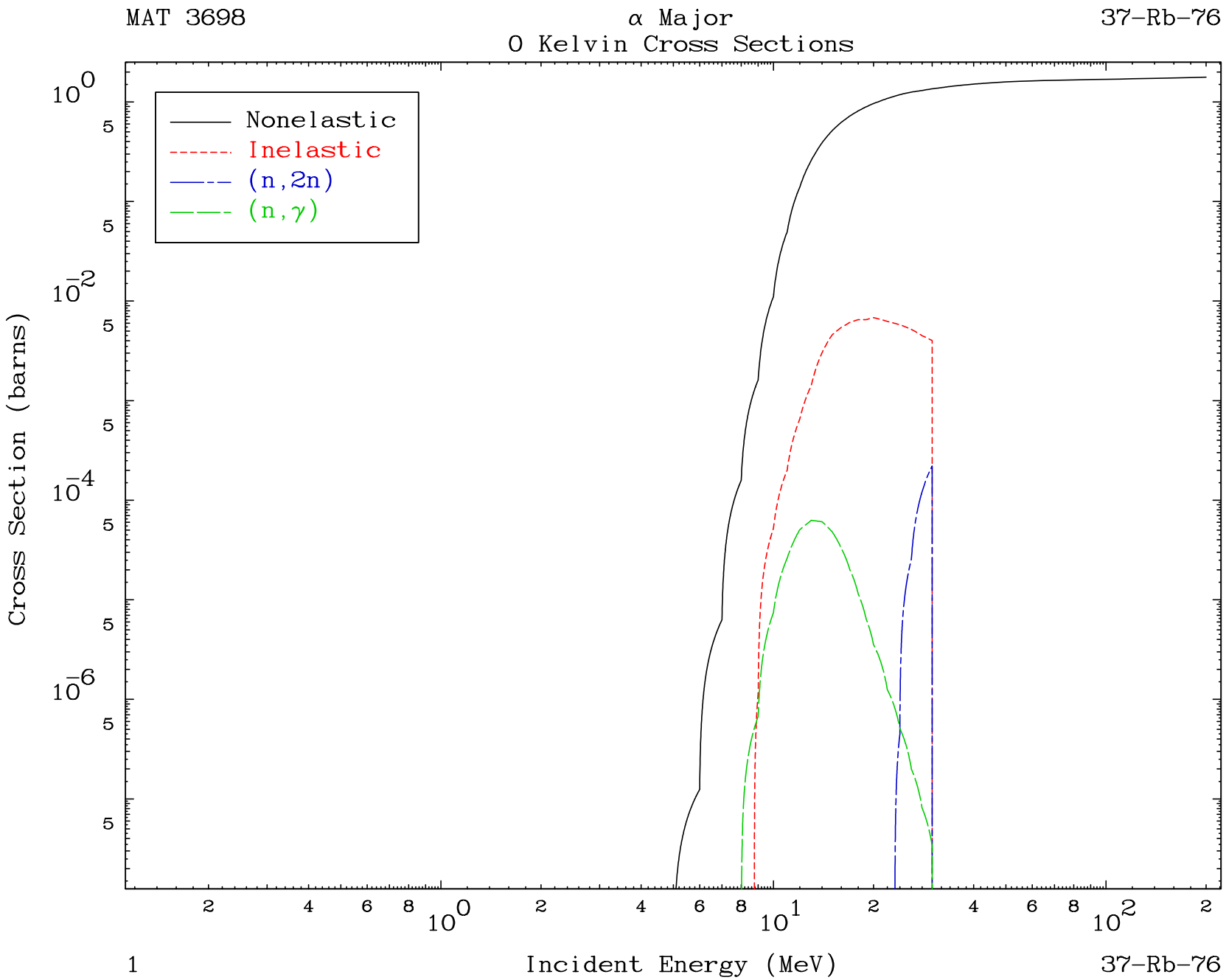
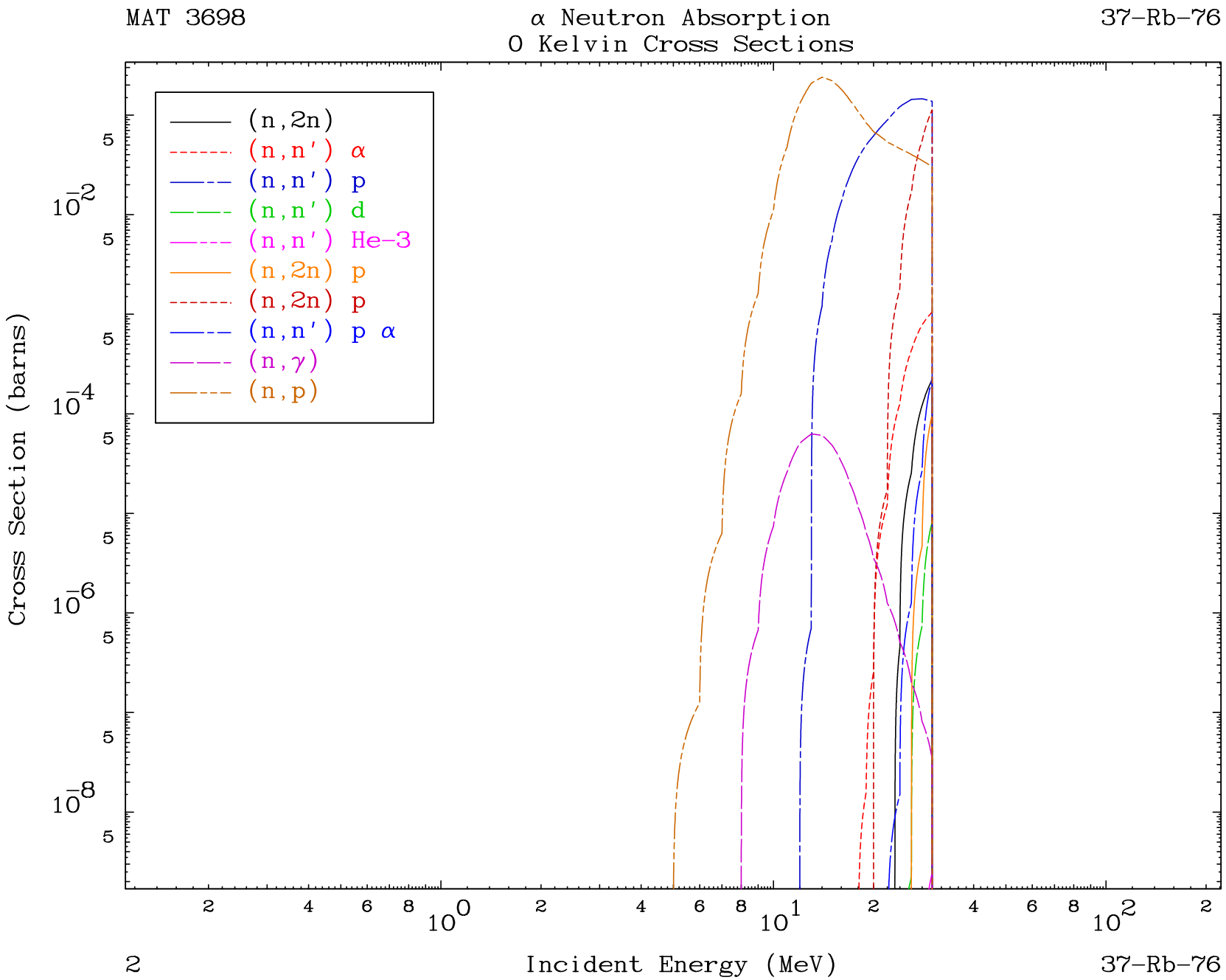
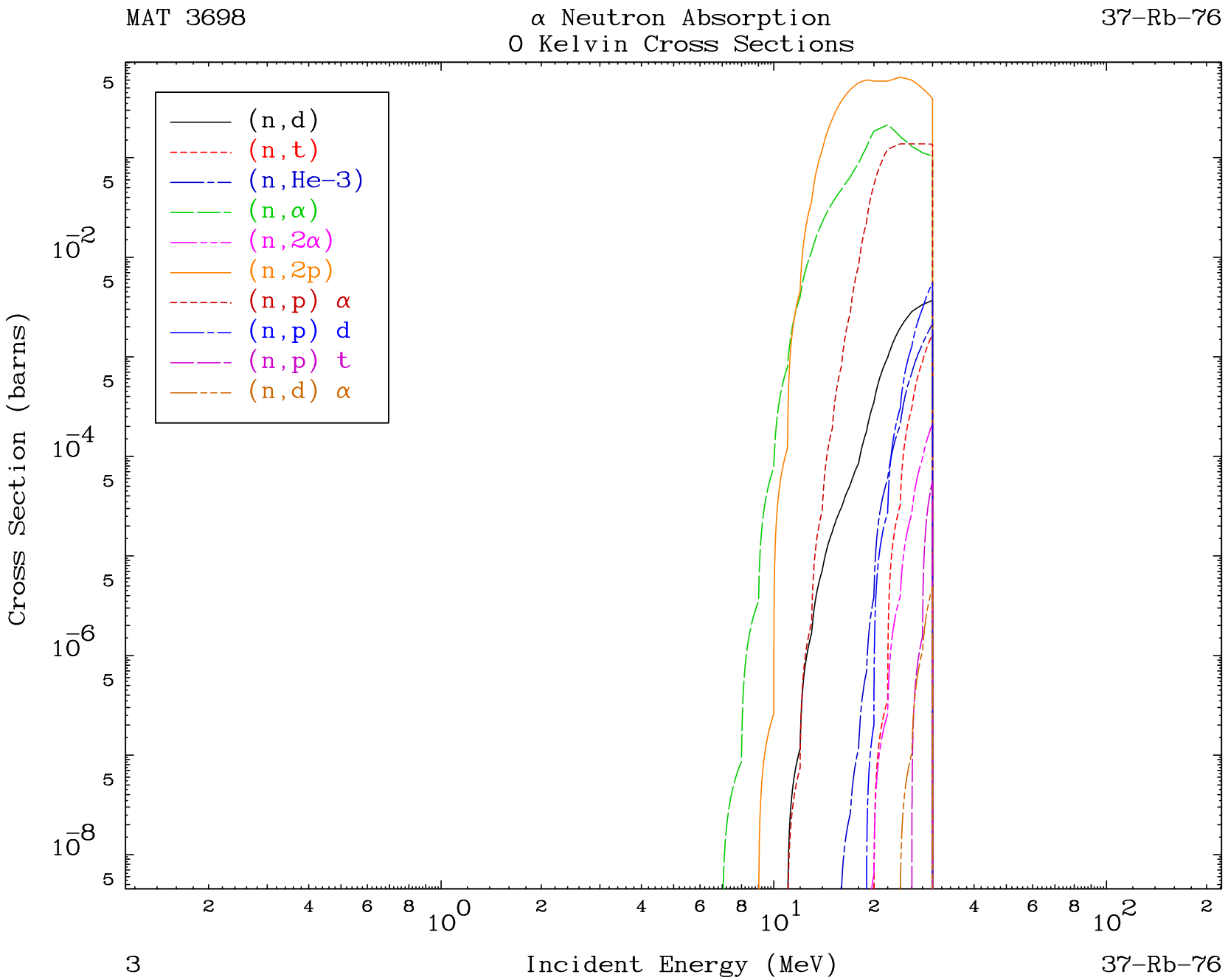
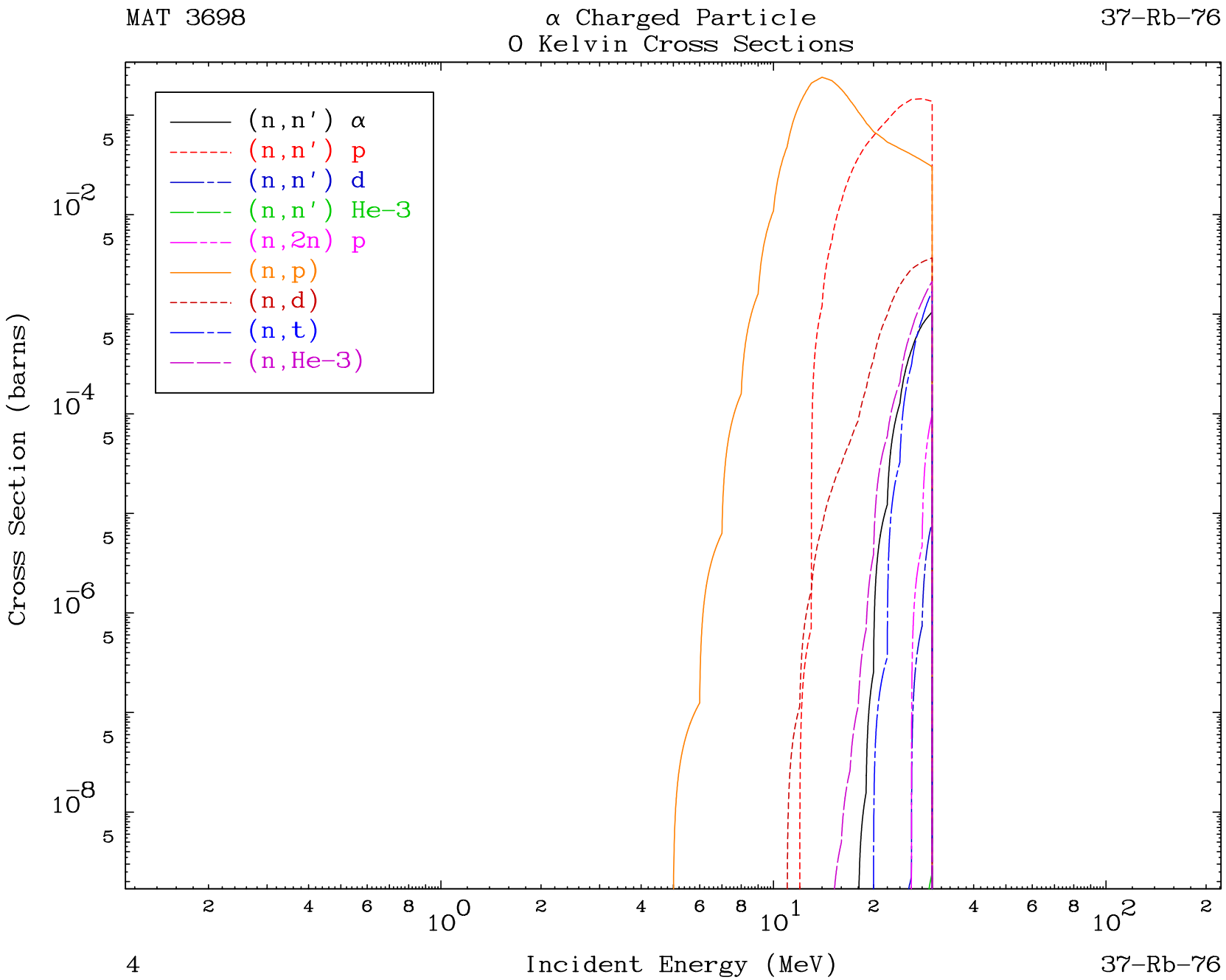
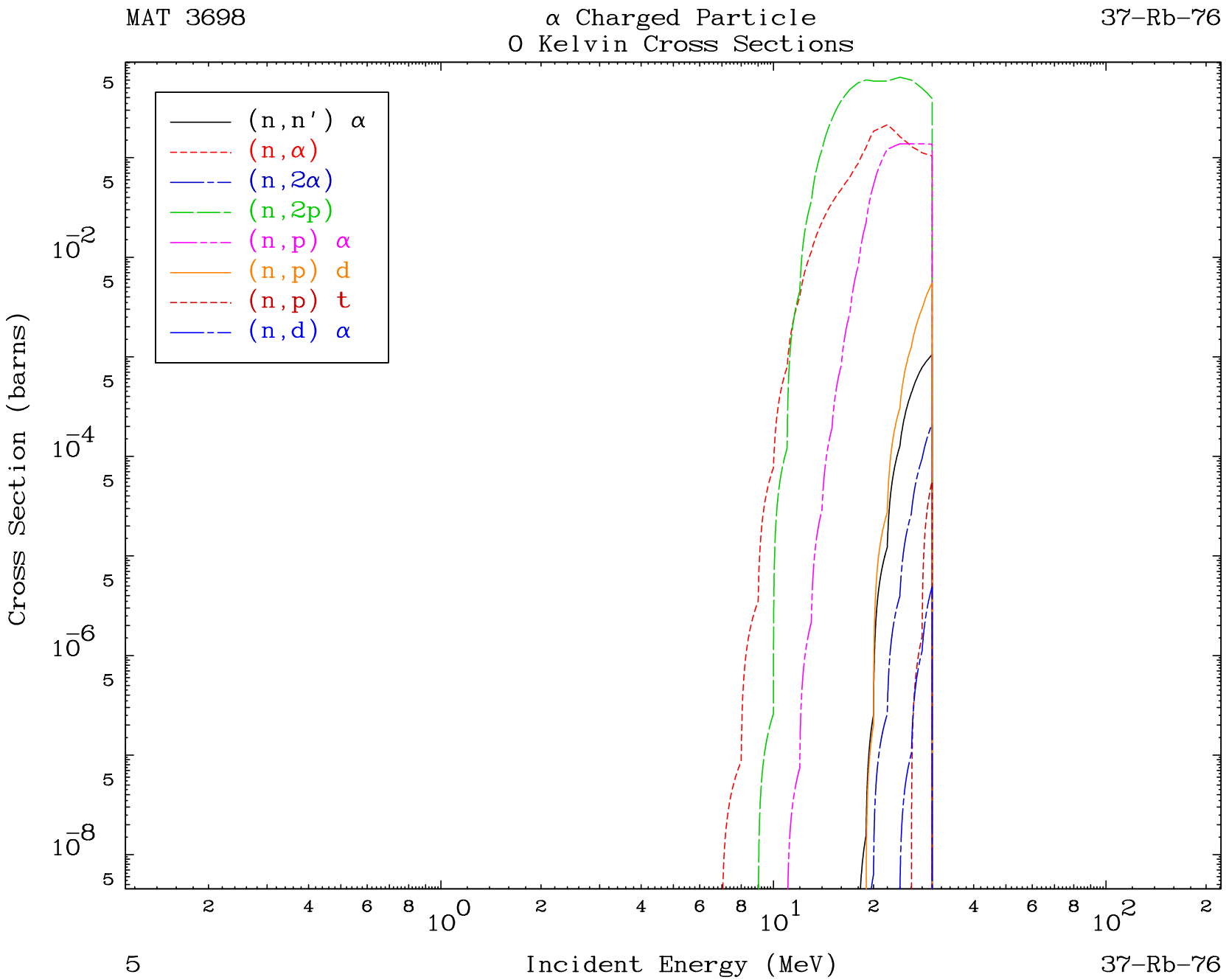
Press Mouse Button to Start

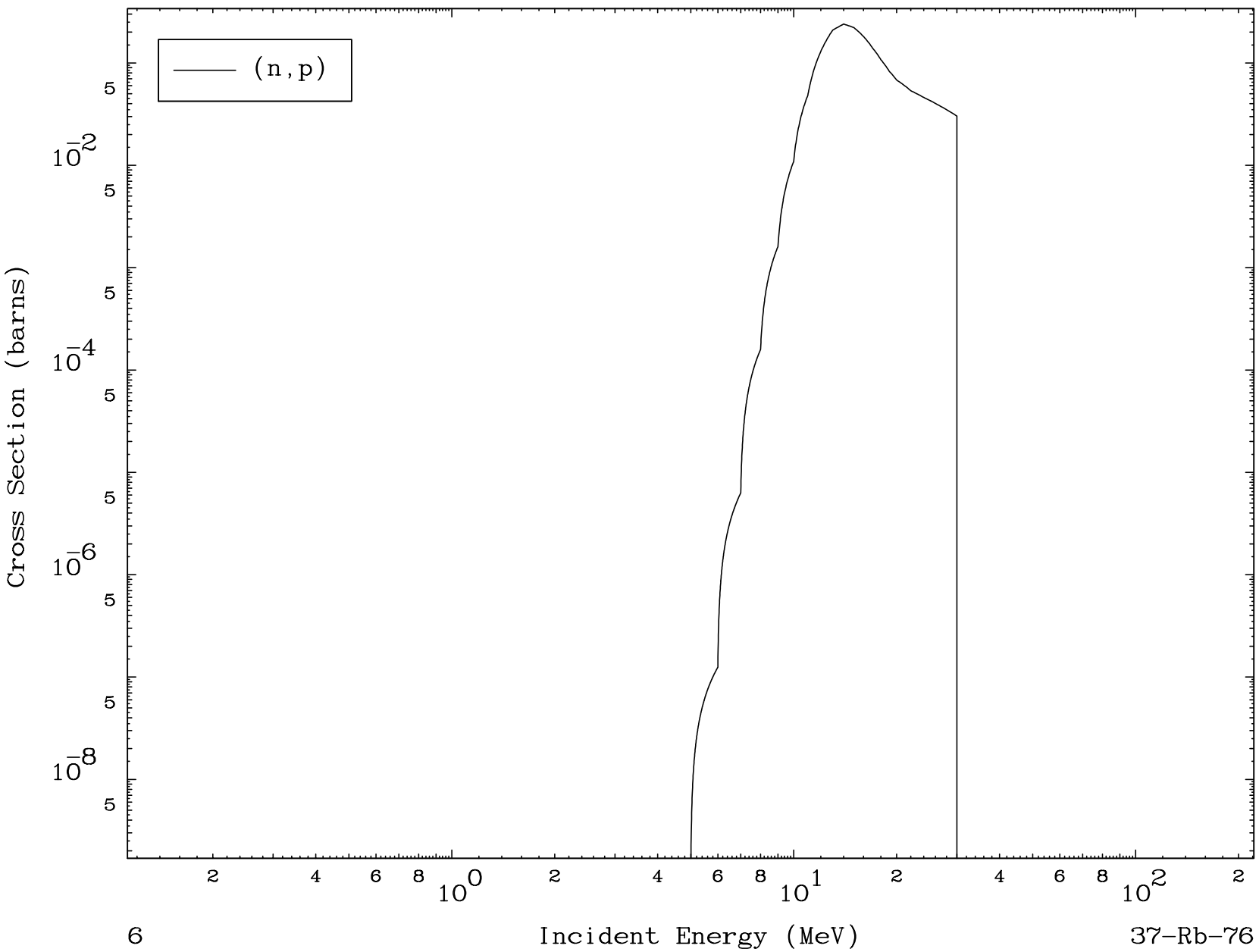

MAT 3698
α Major
37-Rb-76
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-76
1

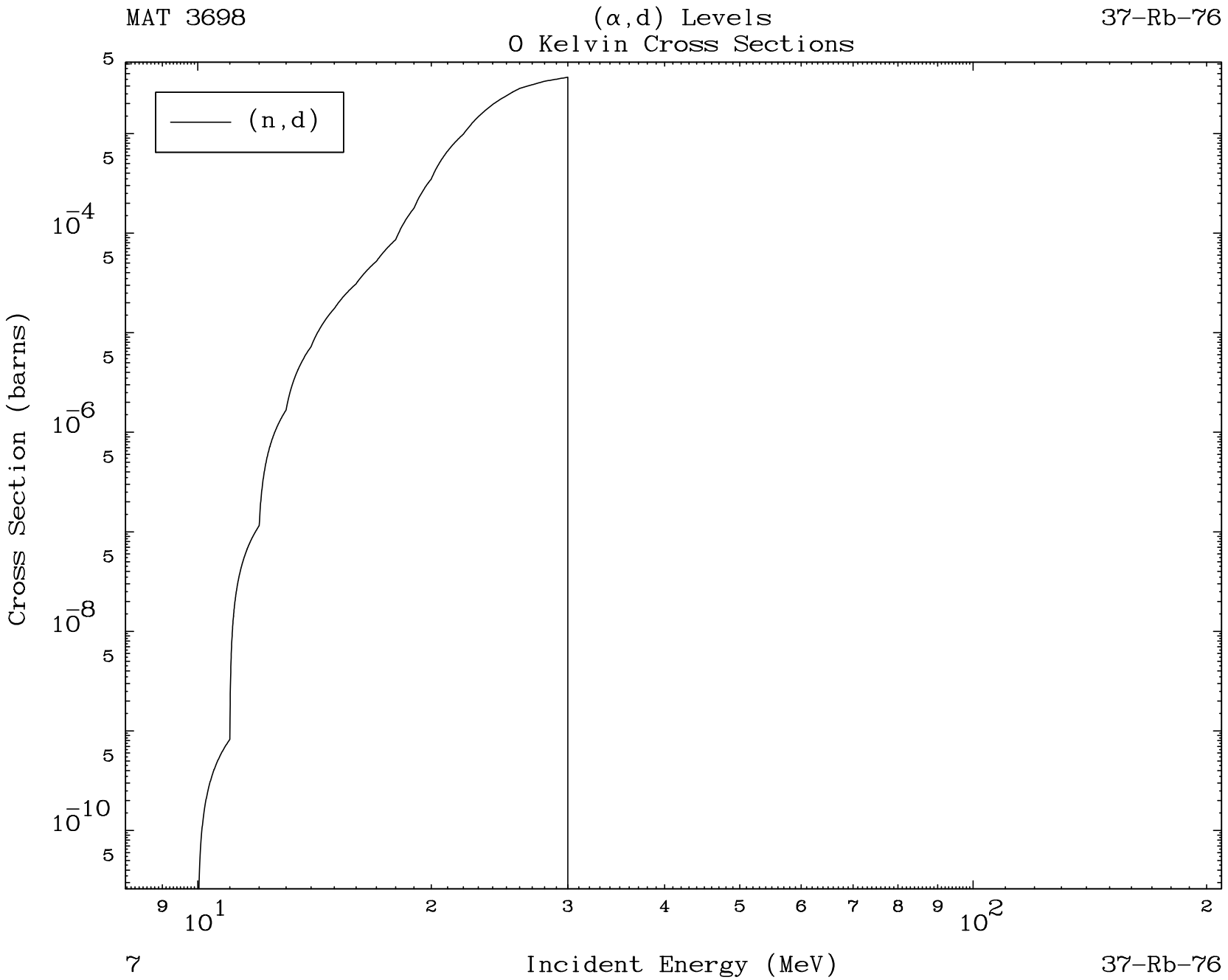

MAT 3698
α Neutron Absorption
0 Kelvin Cross Sections
37-Rb-76
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
37-Rb-76


MAT 3698
α Neutron Absorption
0 Kelvin Cross Sections
37-Rb-76
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-76

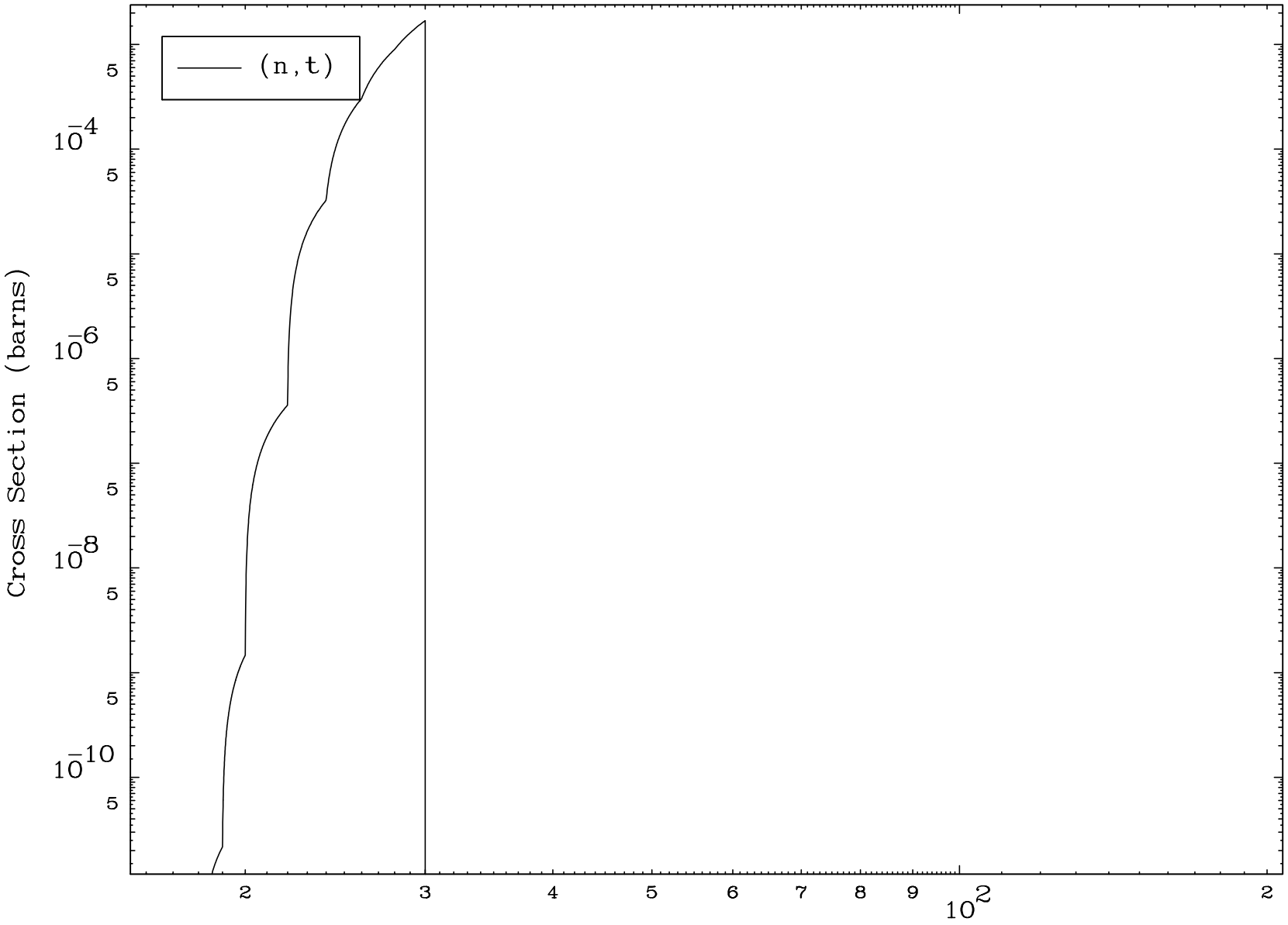

MAT 3698
α Charged Particle
0 Kelvin Cross Sections
37-Rb-76
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-76

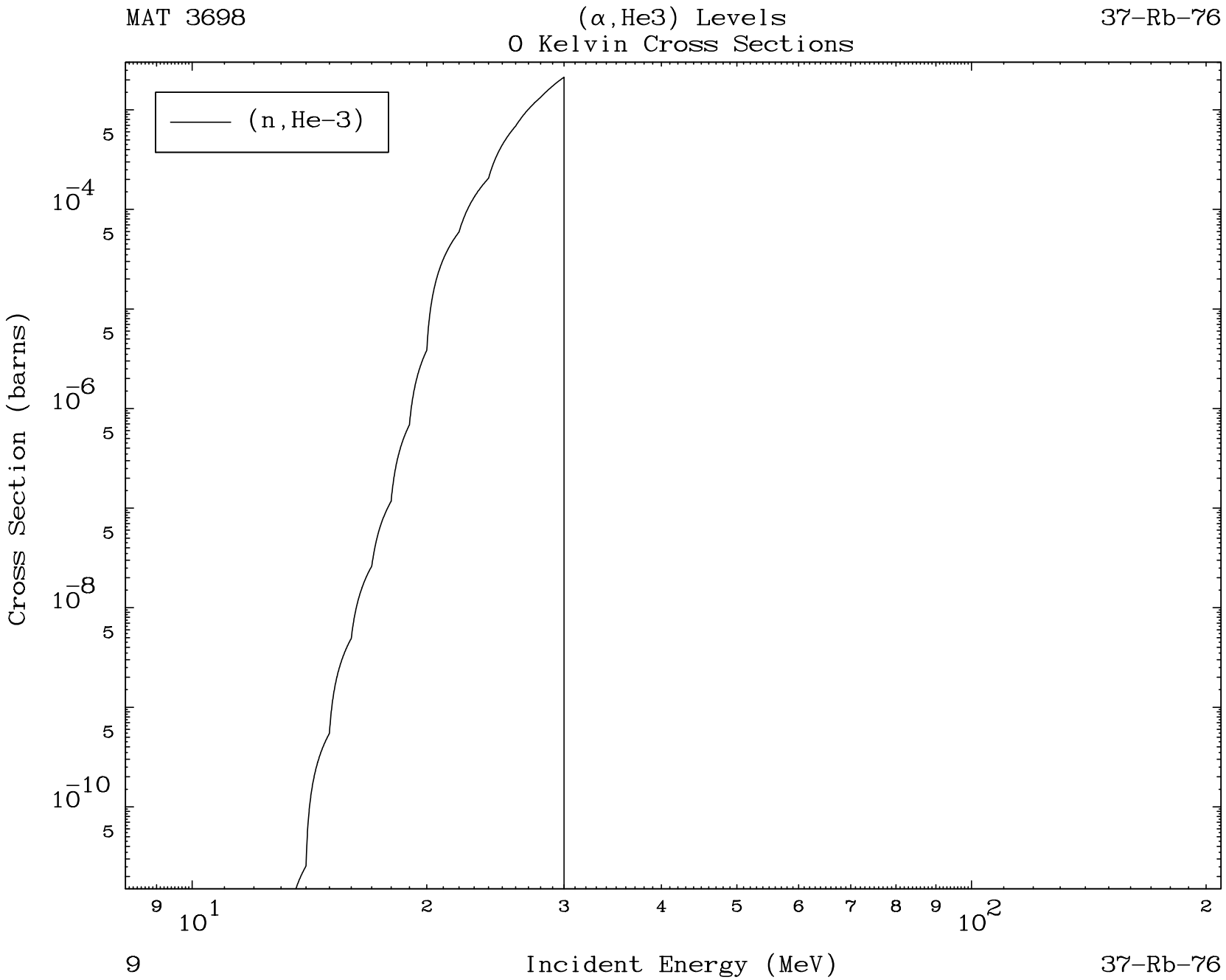

MAT 3698
α Charged Particle
0 Kelvin Cross Sections
37-Rb-76
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
37-Rb-76

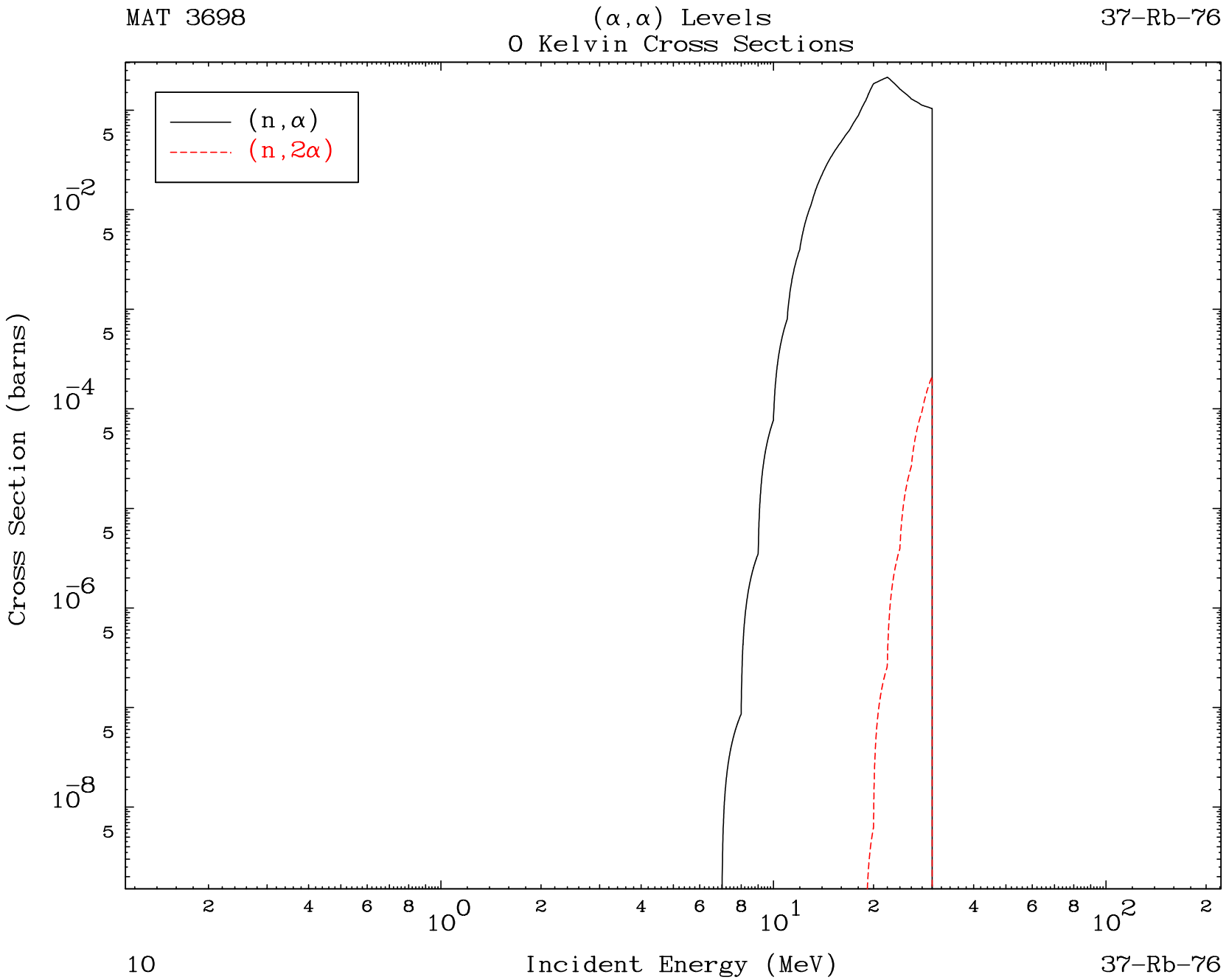

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

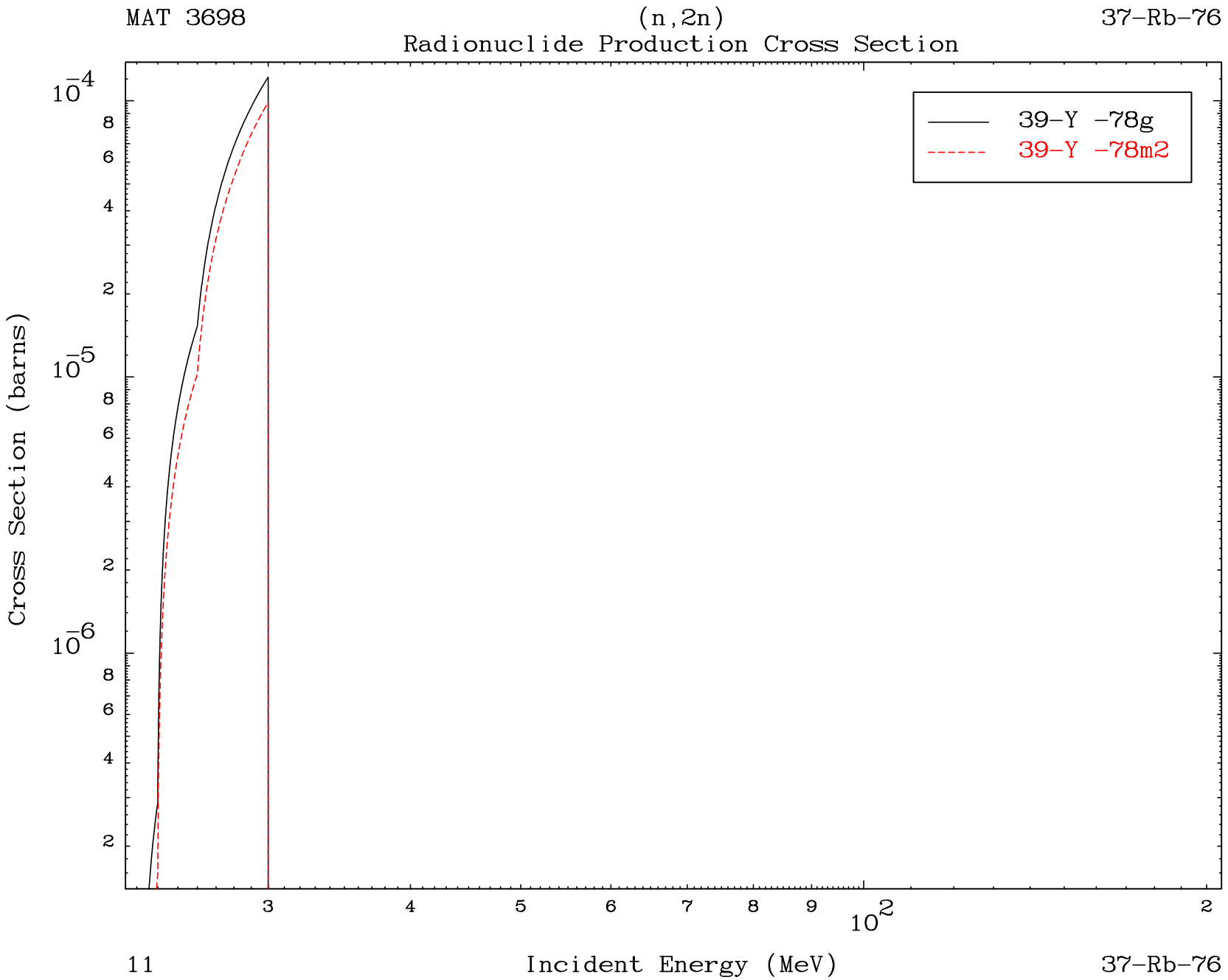

MAT 3698
(α,d) Levels
37-Rb-76
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-76
7

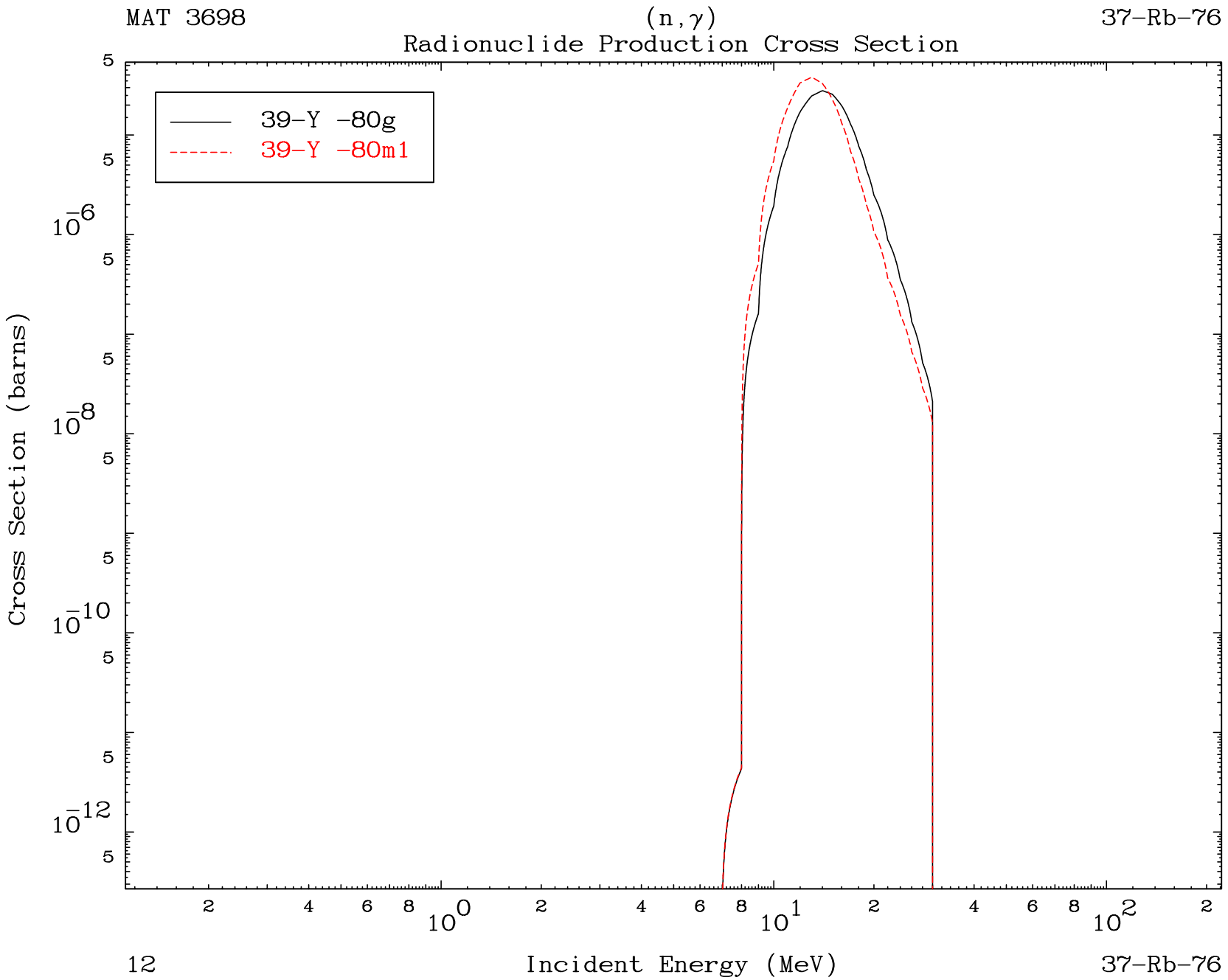
0 Kelvin Cross Sections

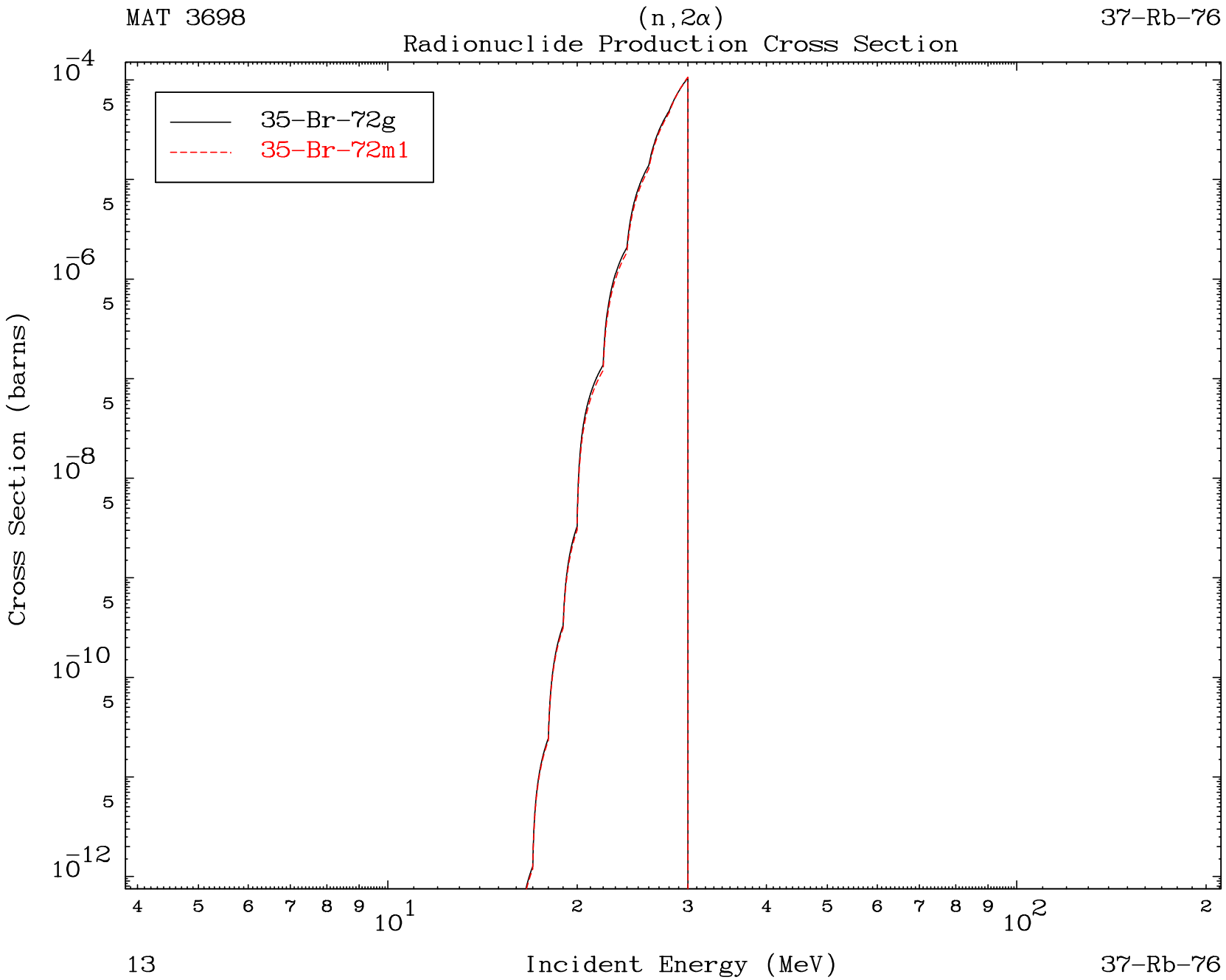


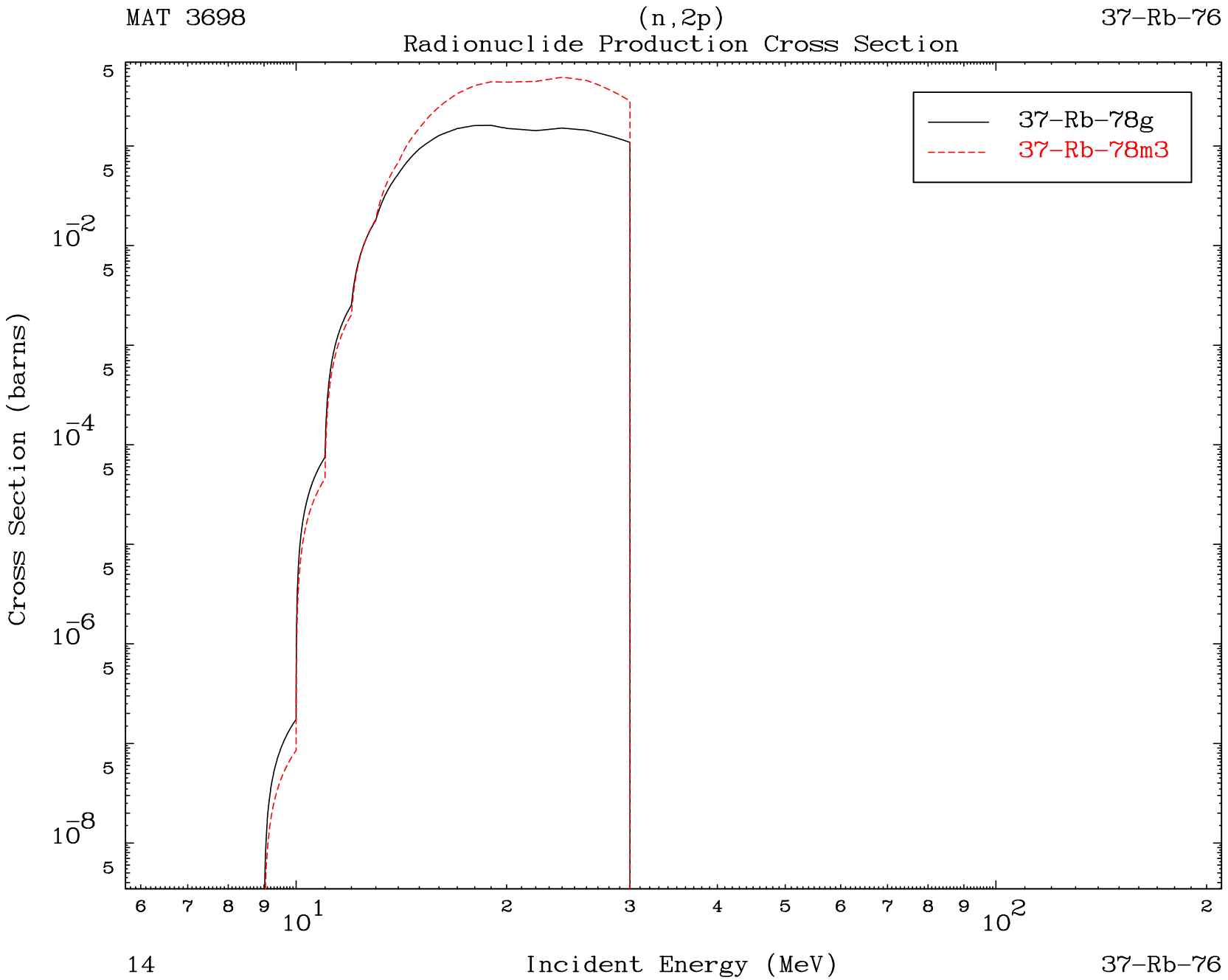

MAT 3698
(α,He3) Levels
37-Rb-76
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
37-Rb-76


MAT 3698
(α,α) Levels
37-Rb-76
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
37-Rb-76


MAT 3698
(n,2n)
37-Rb-76
Radionuclide Production Cross Section
39-Y -78g
39-Y -78m2
Cross Section (barns)
Incident Energy (MeV)
11
37-Rb-76


MAT 3698
(n,γ)
37-Rb-76
Radionuclide Production Cross Section
39-Y -80g
39-Y -80m1
Cross Section (barns)
Incident Energy (MeV)
12
37-Rb-76


MAT 3698
(n,2α)
37-Rb-76
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
Cross Section (barns)
Incident Energy (MeV)
13
37-Rb-76


MAT 3698
(n,2p)
37-Rb-76
Radionuclide Production Cross Section
37-Rb-78g
37-Rb-78m3
Cross Section (barns)
Incident Energy (MeV)
14
37-Rb-76