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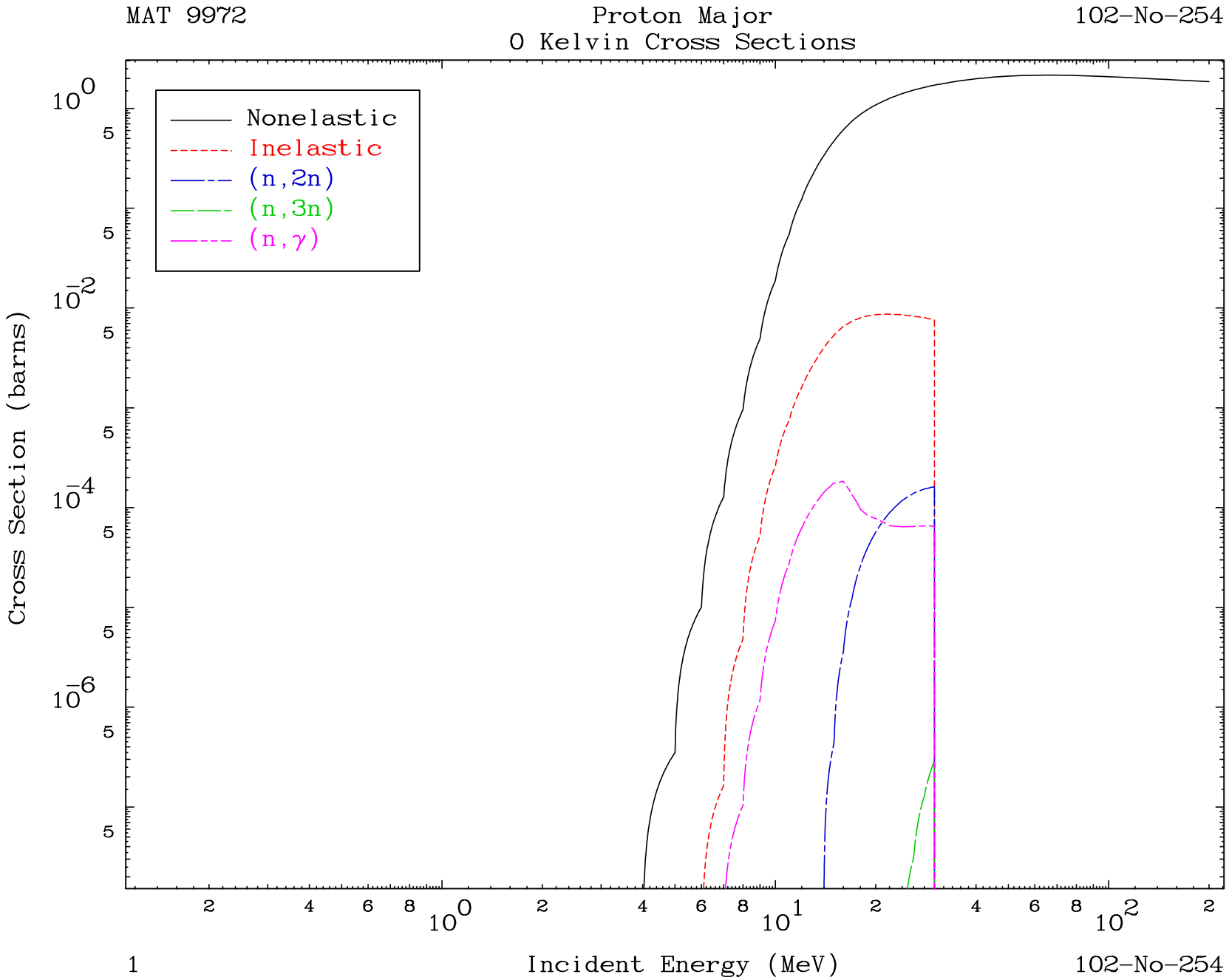
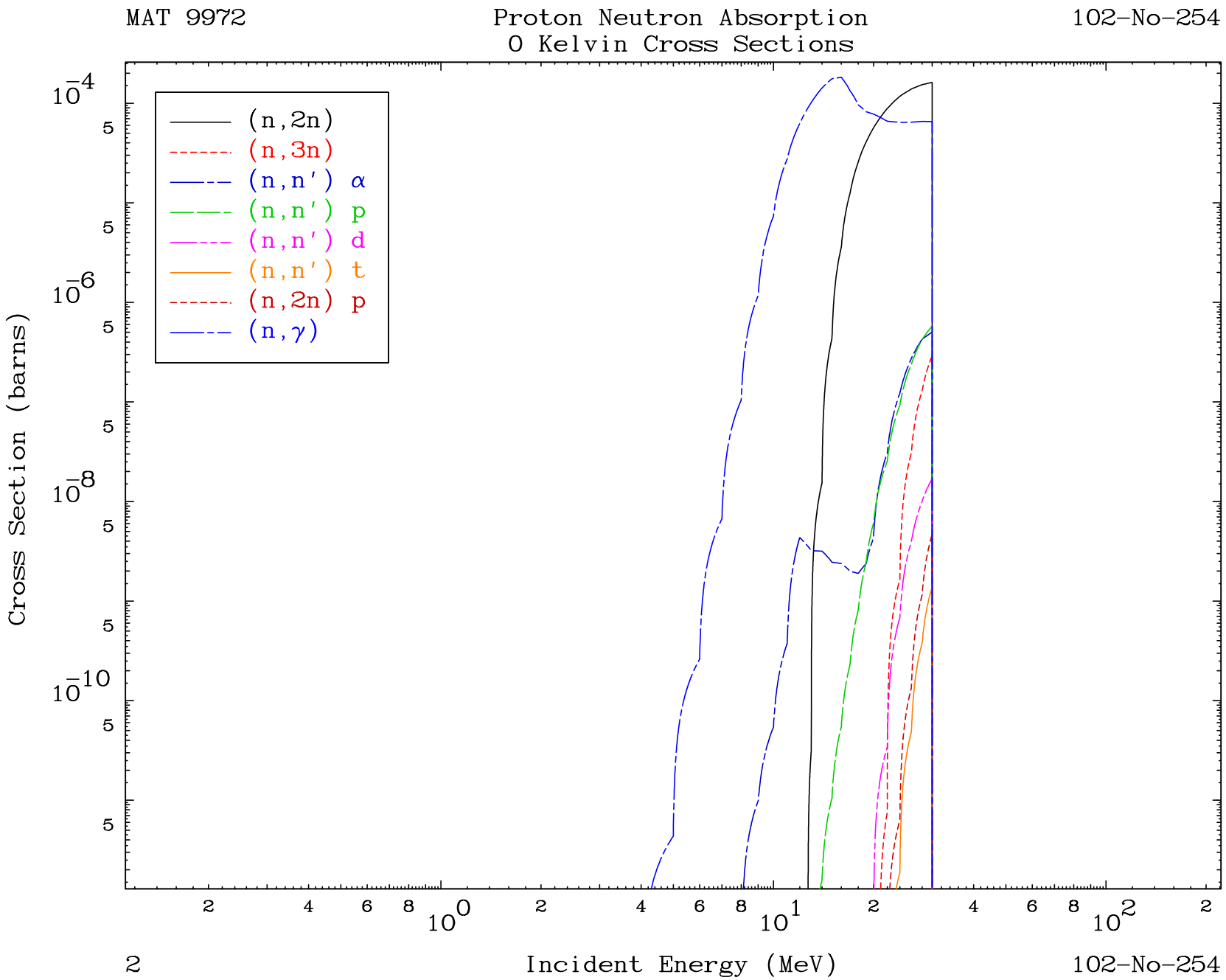
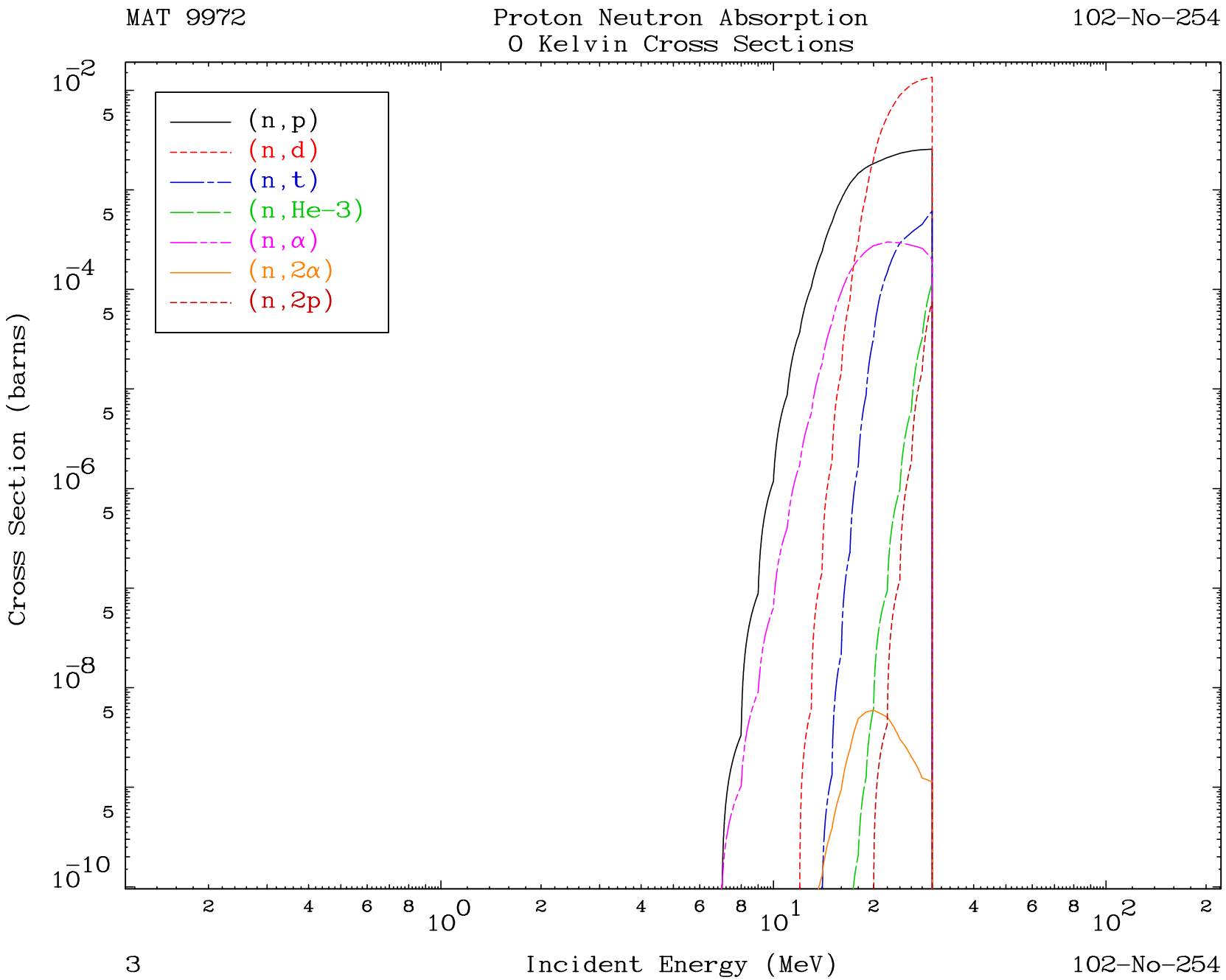
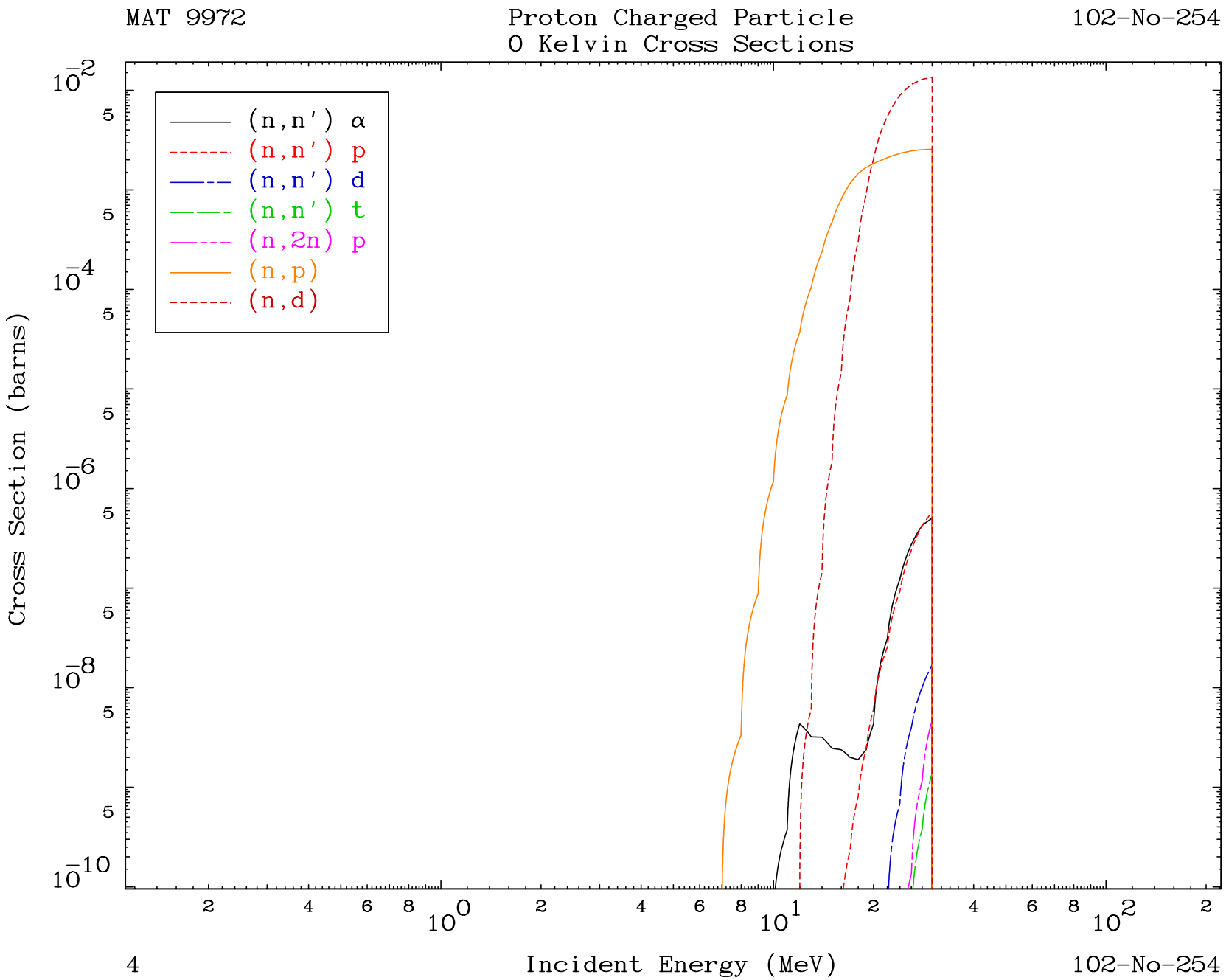
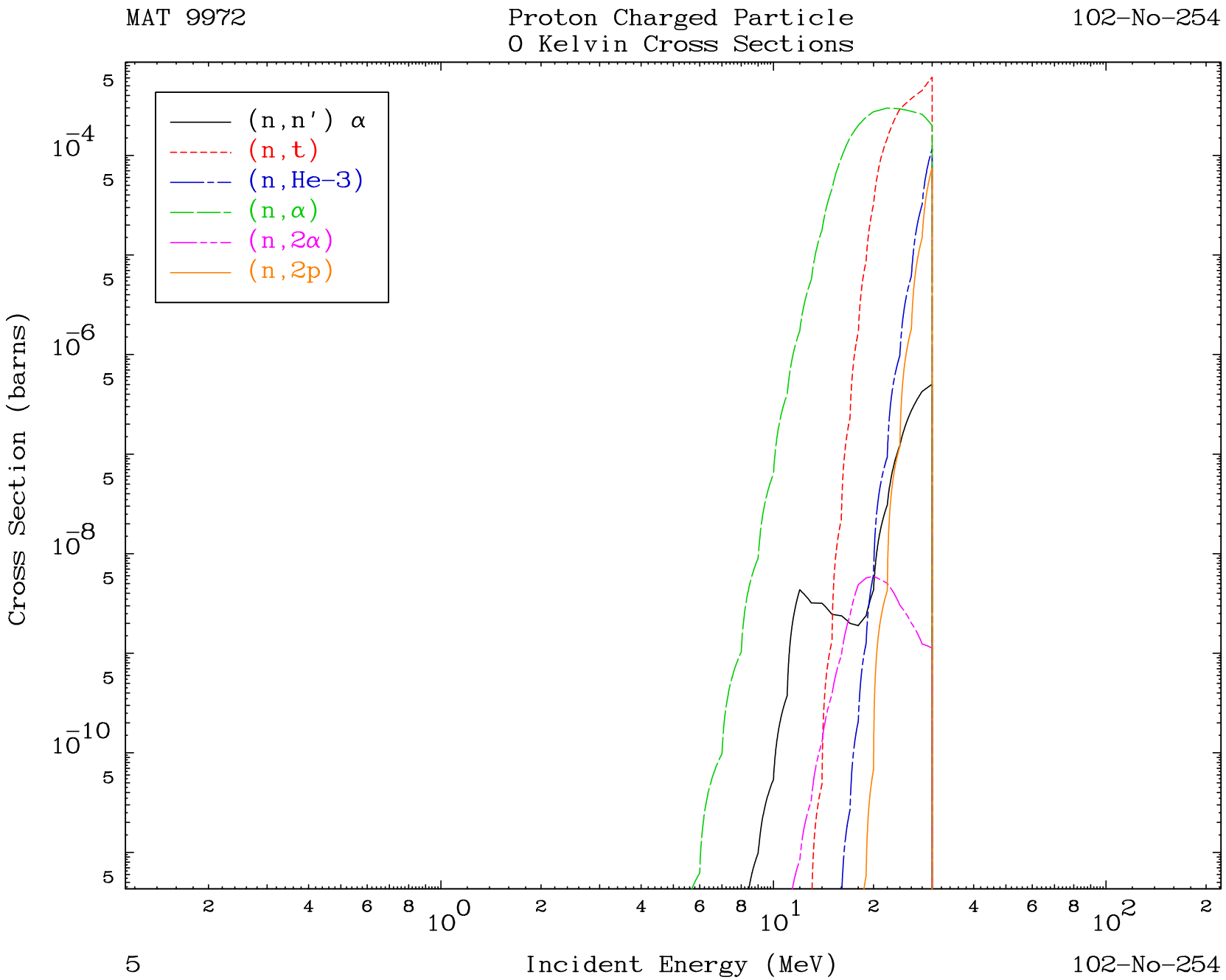
Press Mouse Button to Start

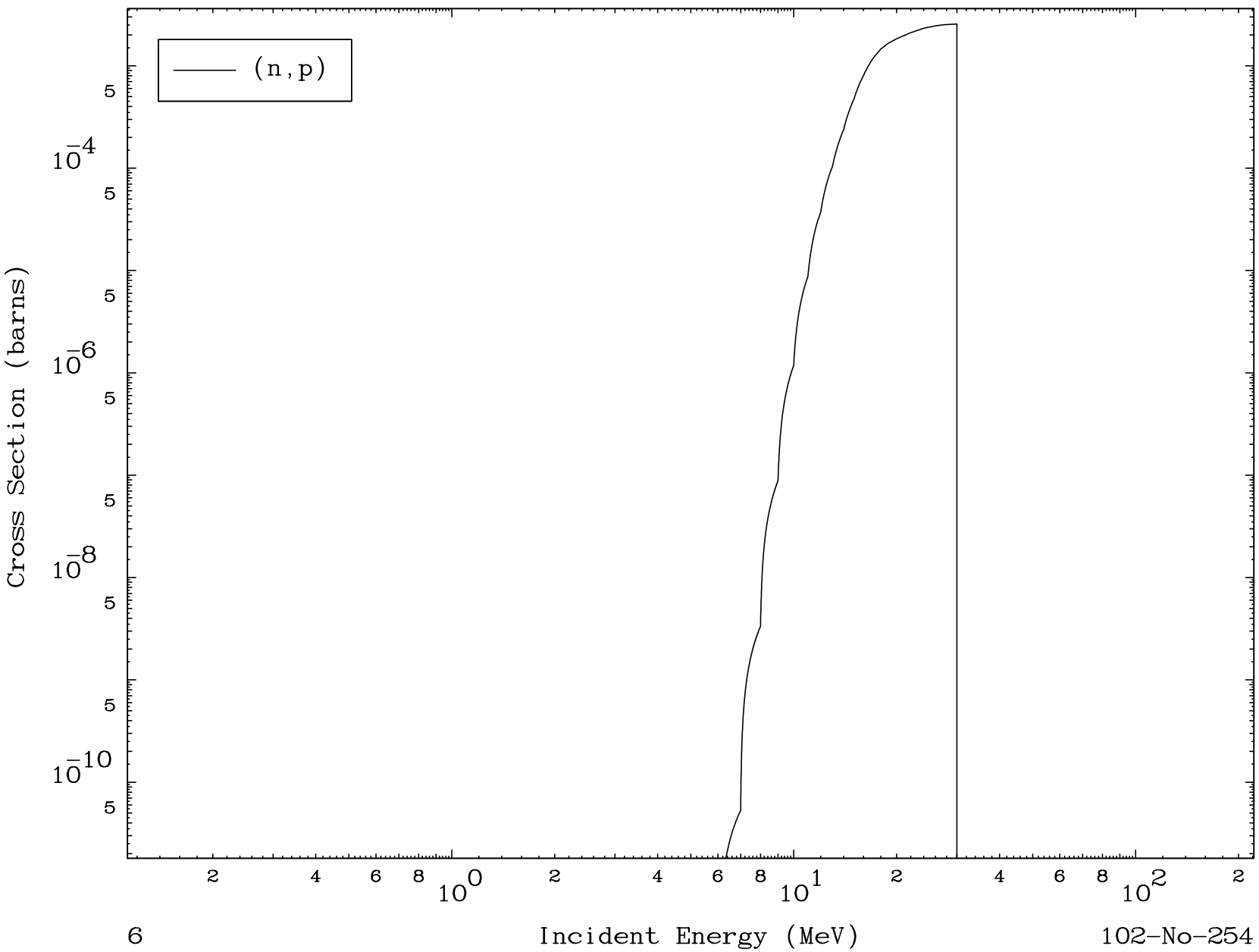

MAT 9972
Proton Major
102-No-254
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
102-No-254
1

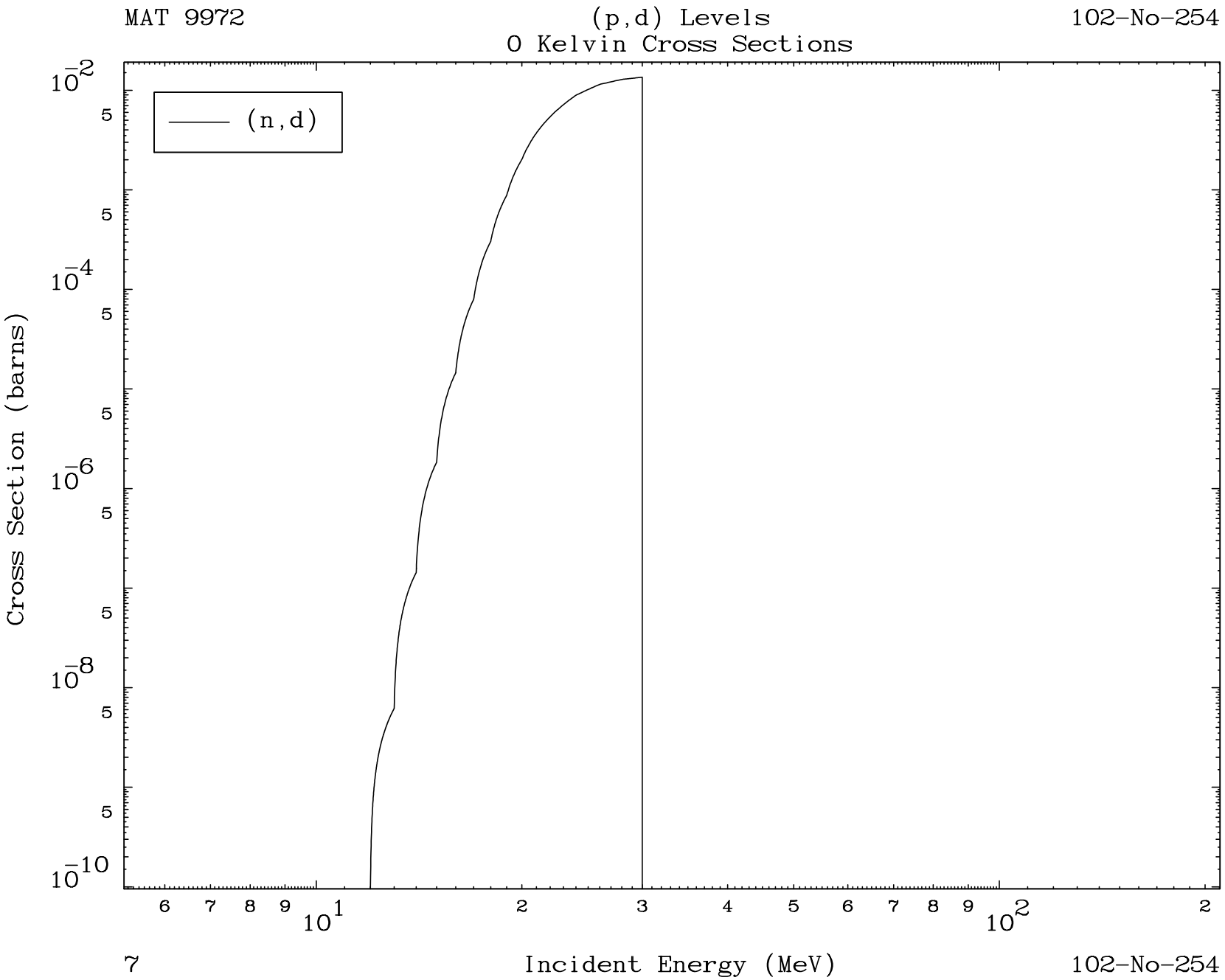

MAT 9972
Proton Neutron Absorption
0 Kelvin Cross Sections
102-No-254
(n,2n)
(n,3n)
(n,n') α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
2
102-No-254

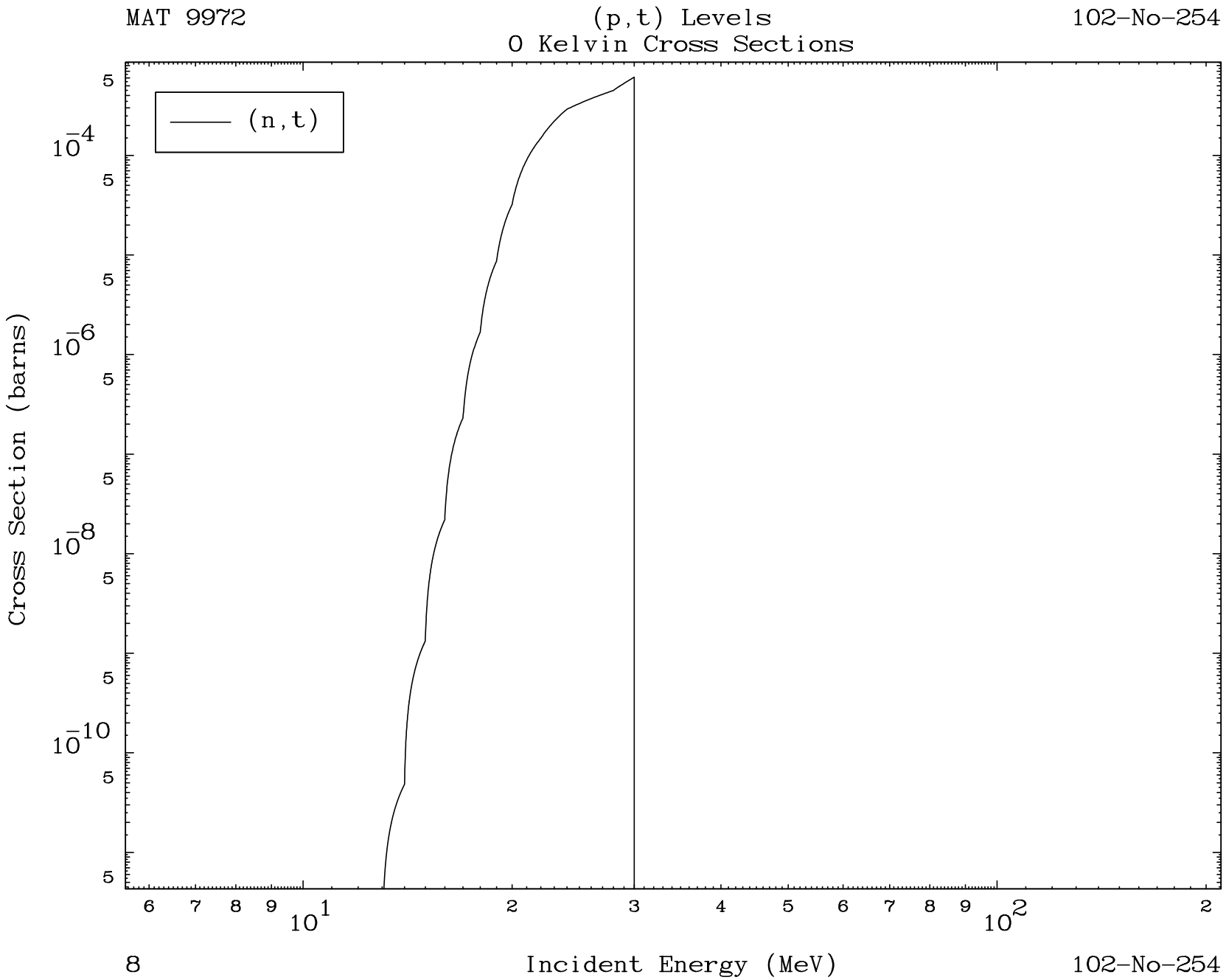

MAT 9972
Proton Neutron Absorption
0 Kelvin Cross Sections
102-No-254
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
3
102-No-254

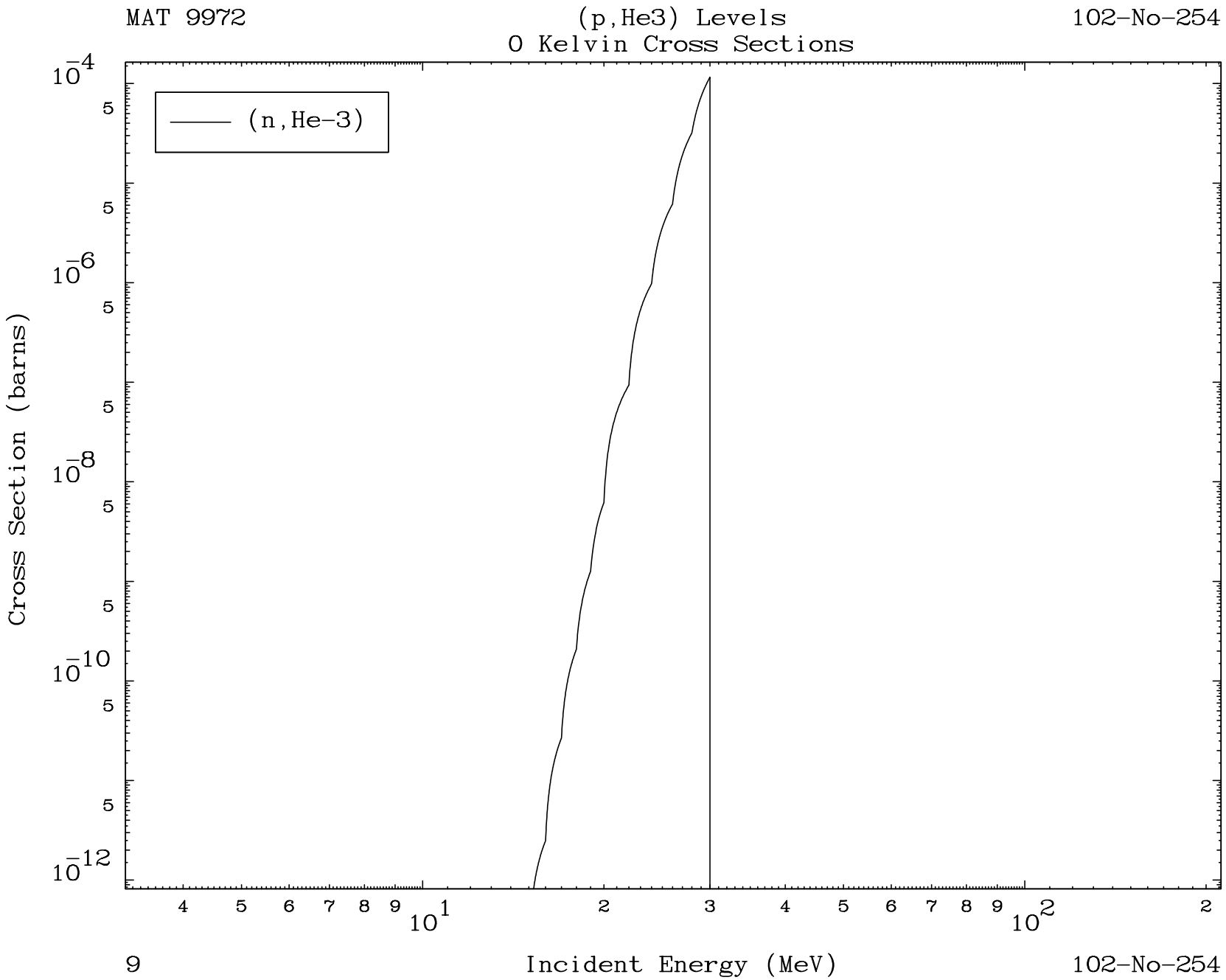

MAT 9972
Proton Charged Particle
0 Kelvin Cross Sections
102-No-254
(n,n') α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
102-No-254

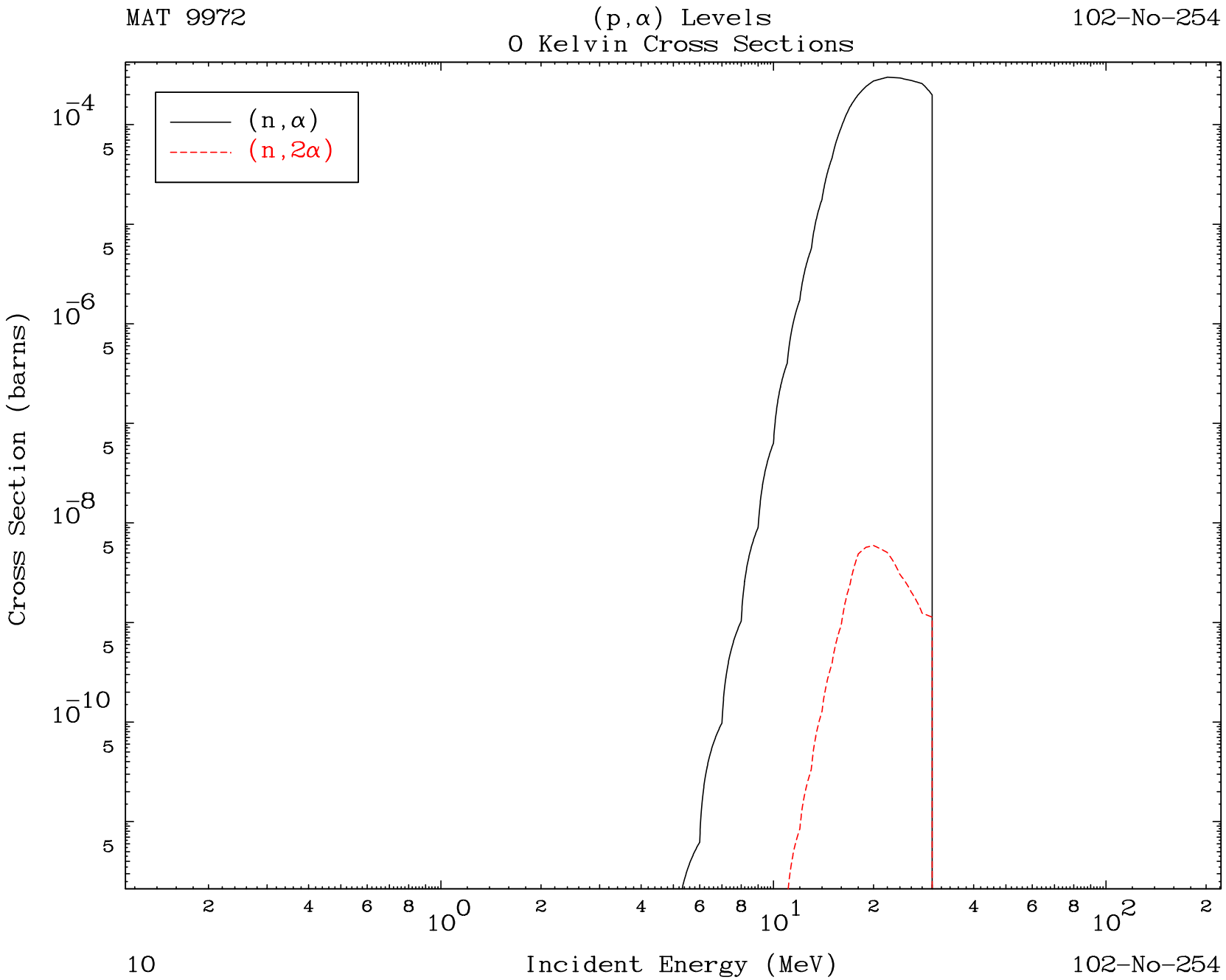

MAT 9972
Proton Charged Particle
0 Kelvin Cross Sections
102-No-254
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
102-No-254

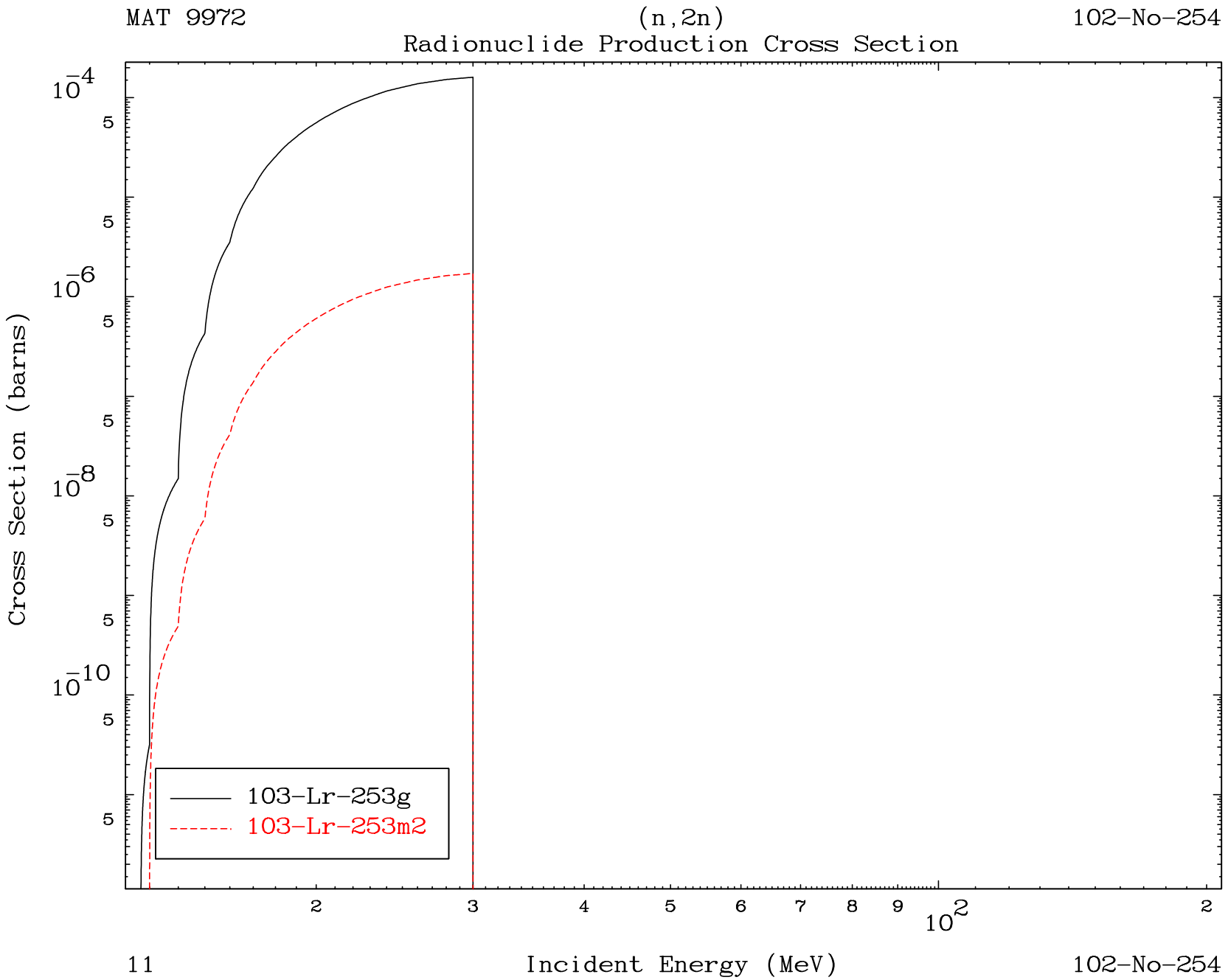

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)

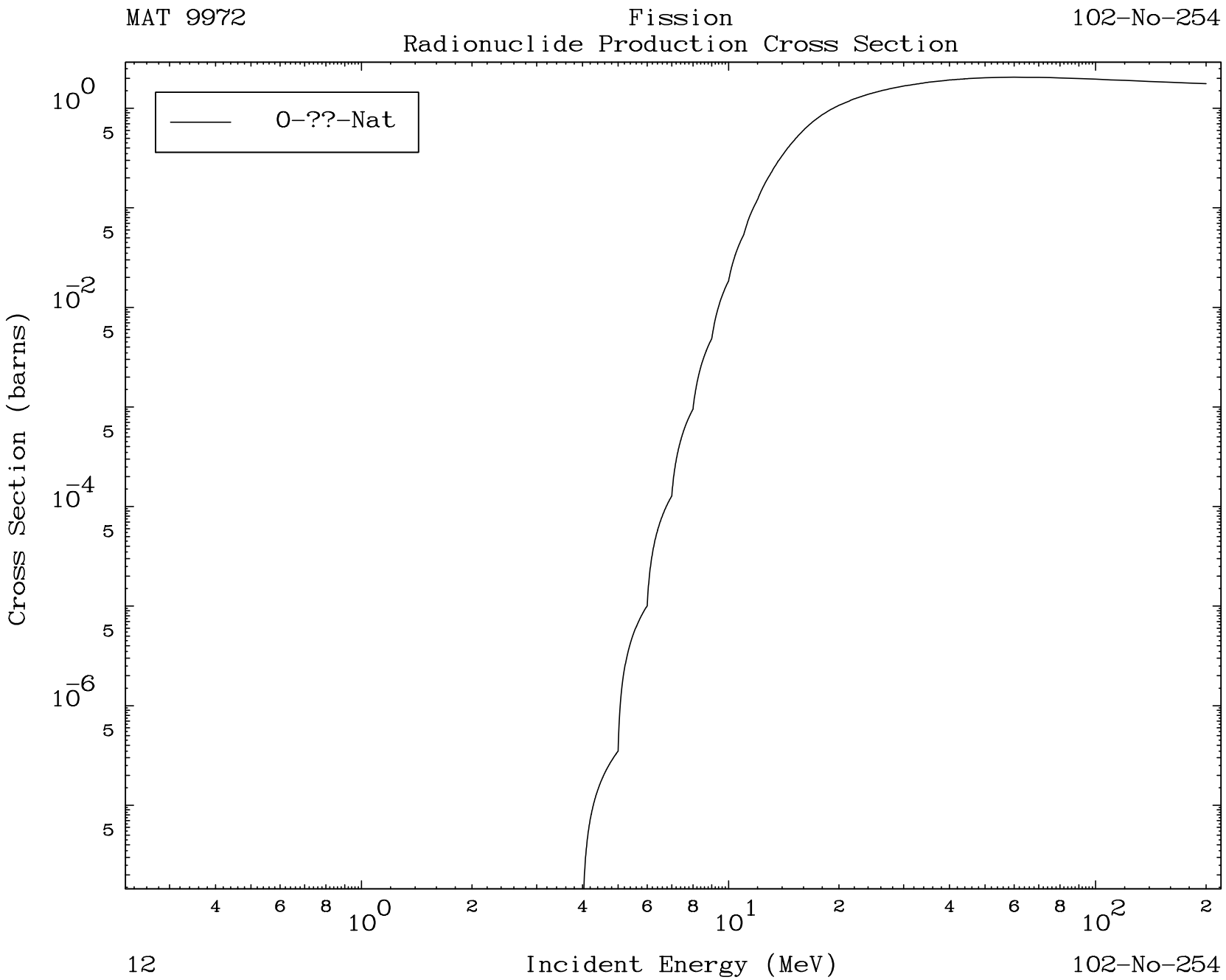

MAT 9972
(p,d) Levels
102-No-254
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
102-No-254

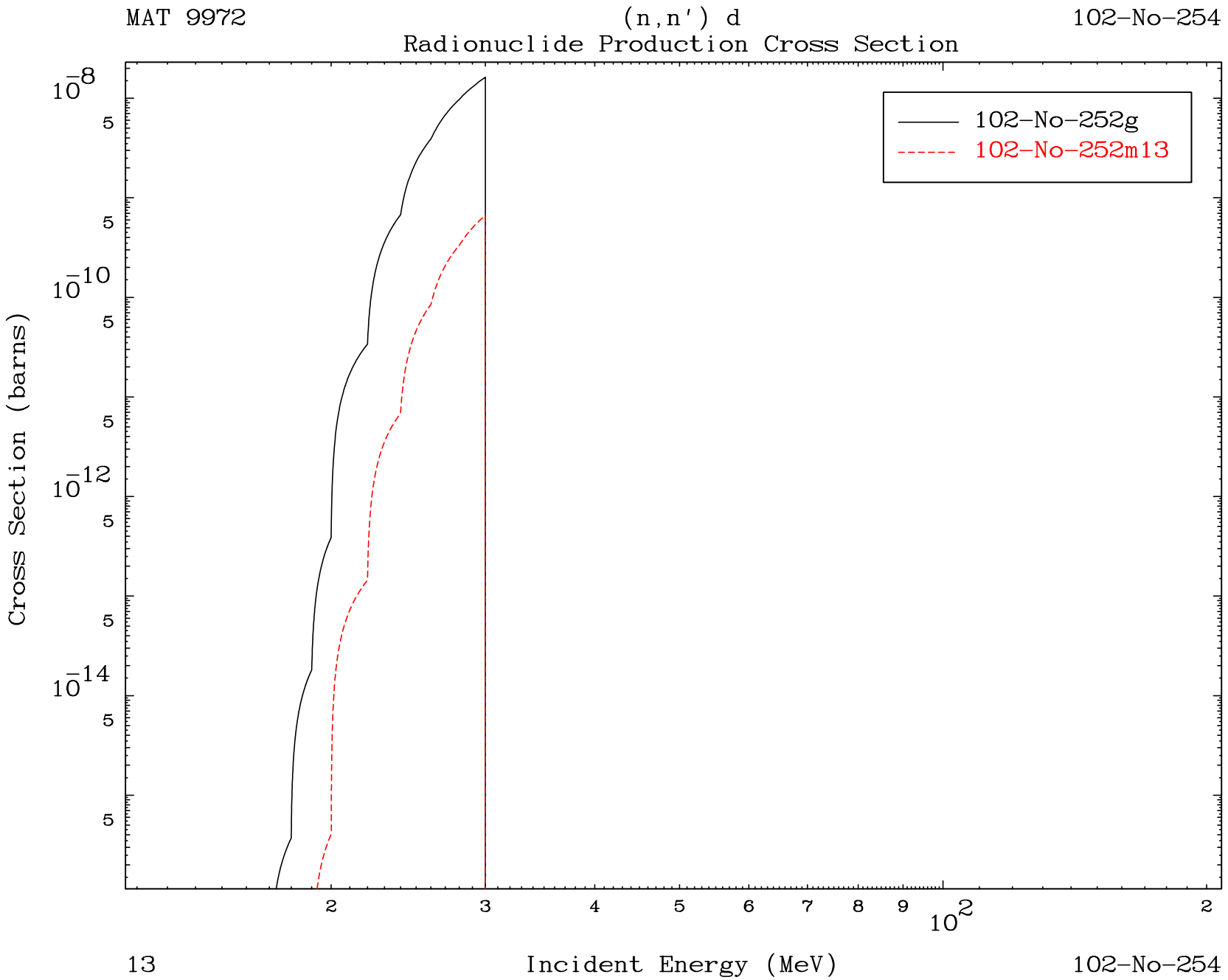

MAT 9972
(p,t) Levels
102-No-254
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
8
102-No-254

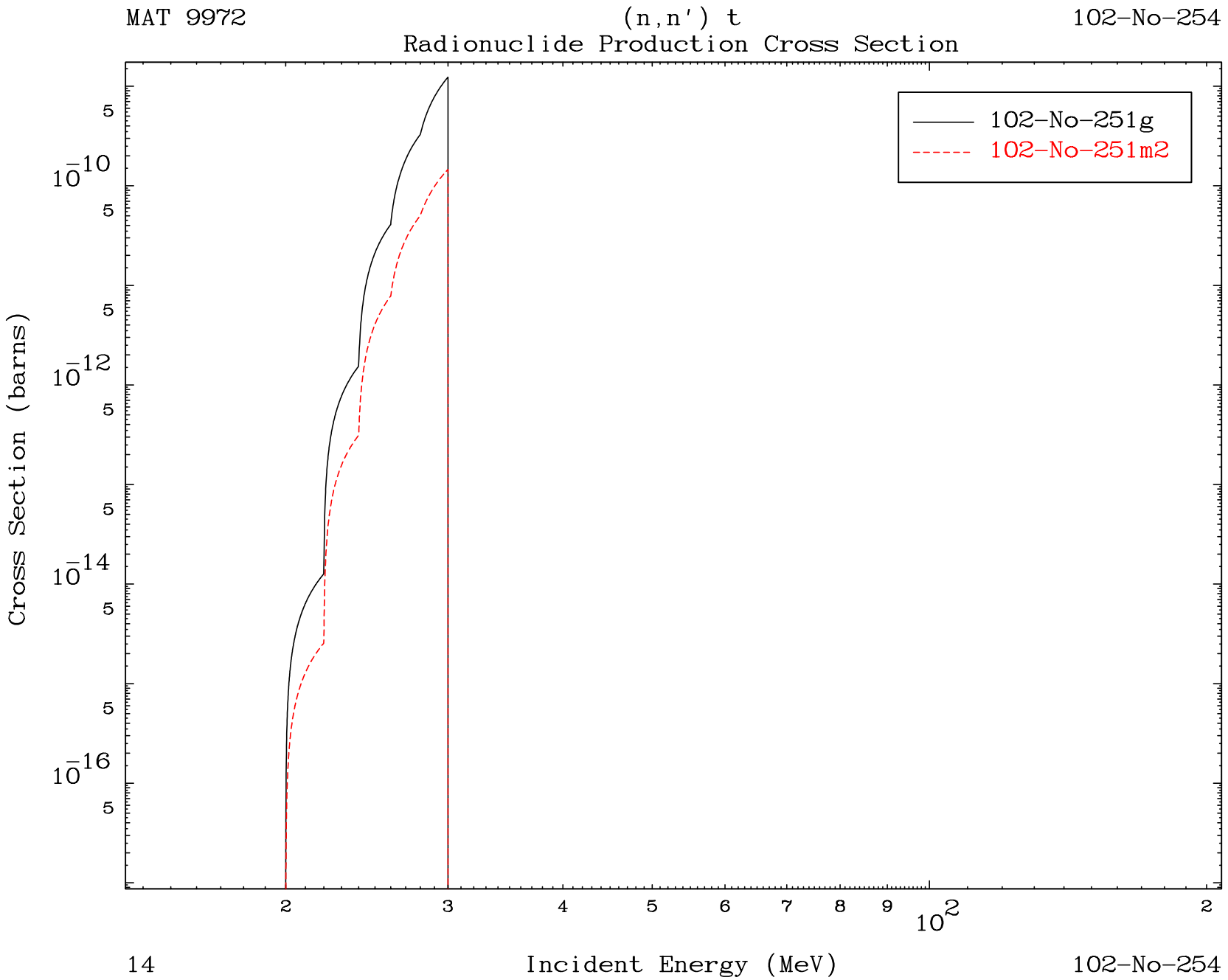

MAT 9972
(p,He3) Levels
102-No-254
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
102-No-254

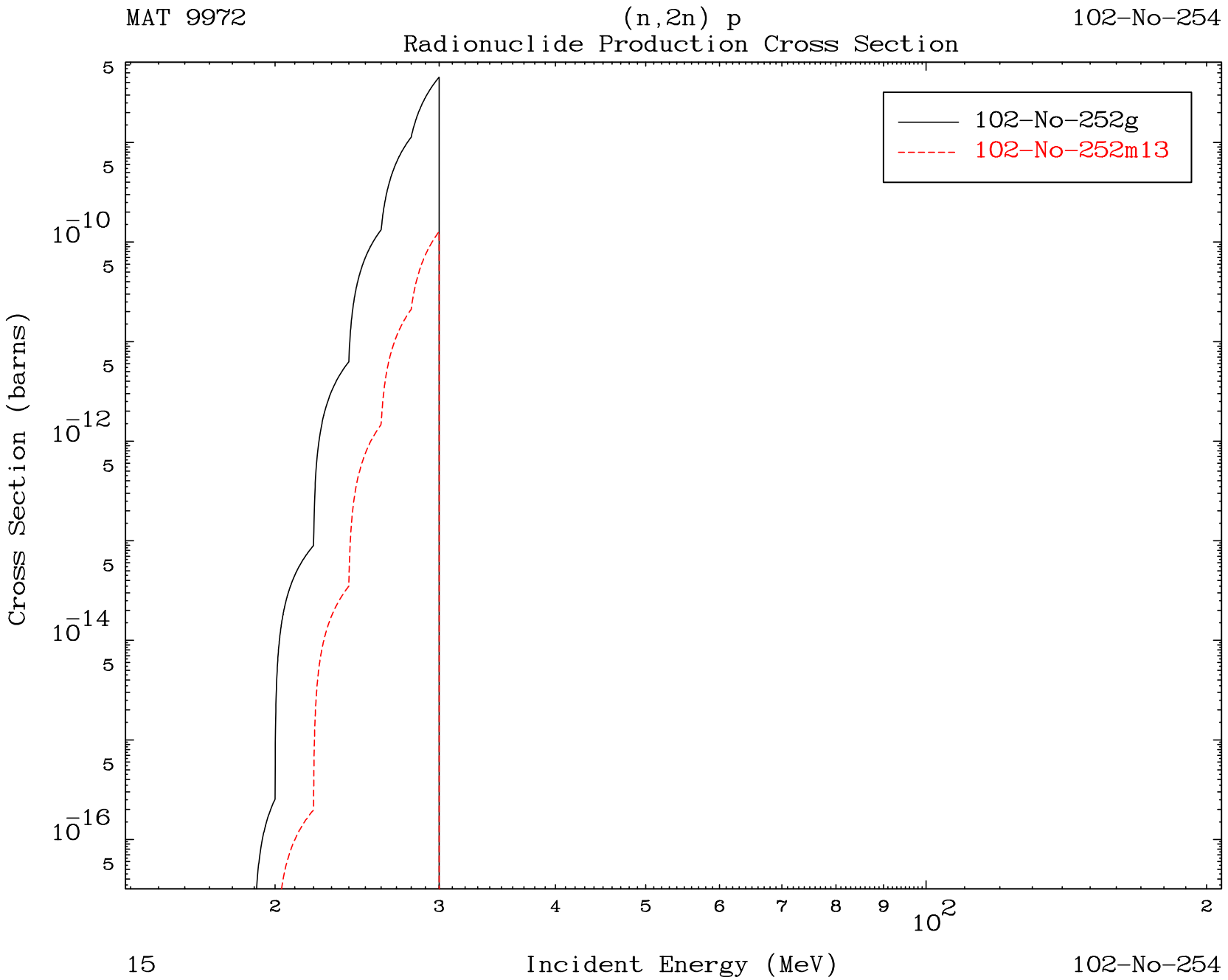

MAT 9972
(p,α) Levels
102-No-254
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
102-No-254

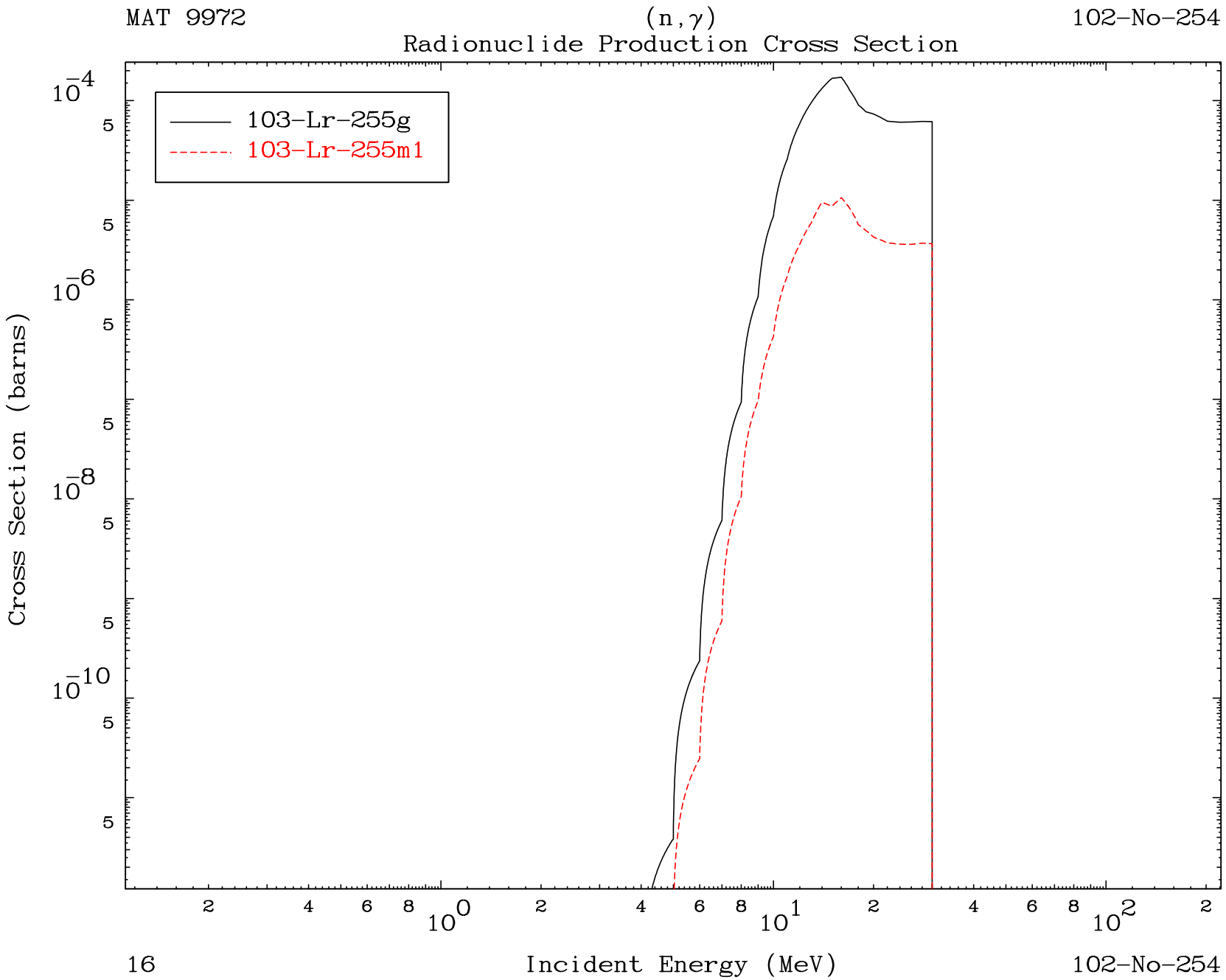

MAT 9972
(n,2n)
102-No-254
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
103-Lr-253g
103-Lr-253m2
11
Incident Energy (MeV)
102-No-254

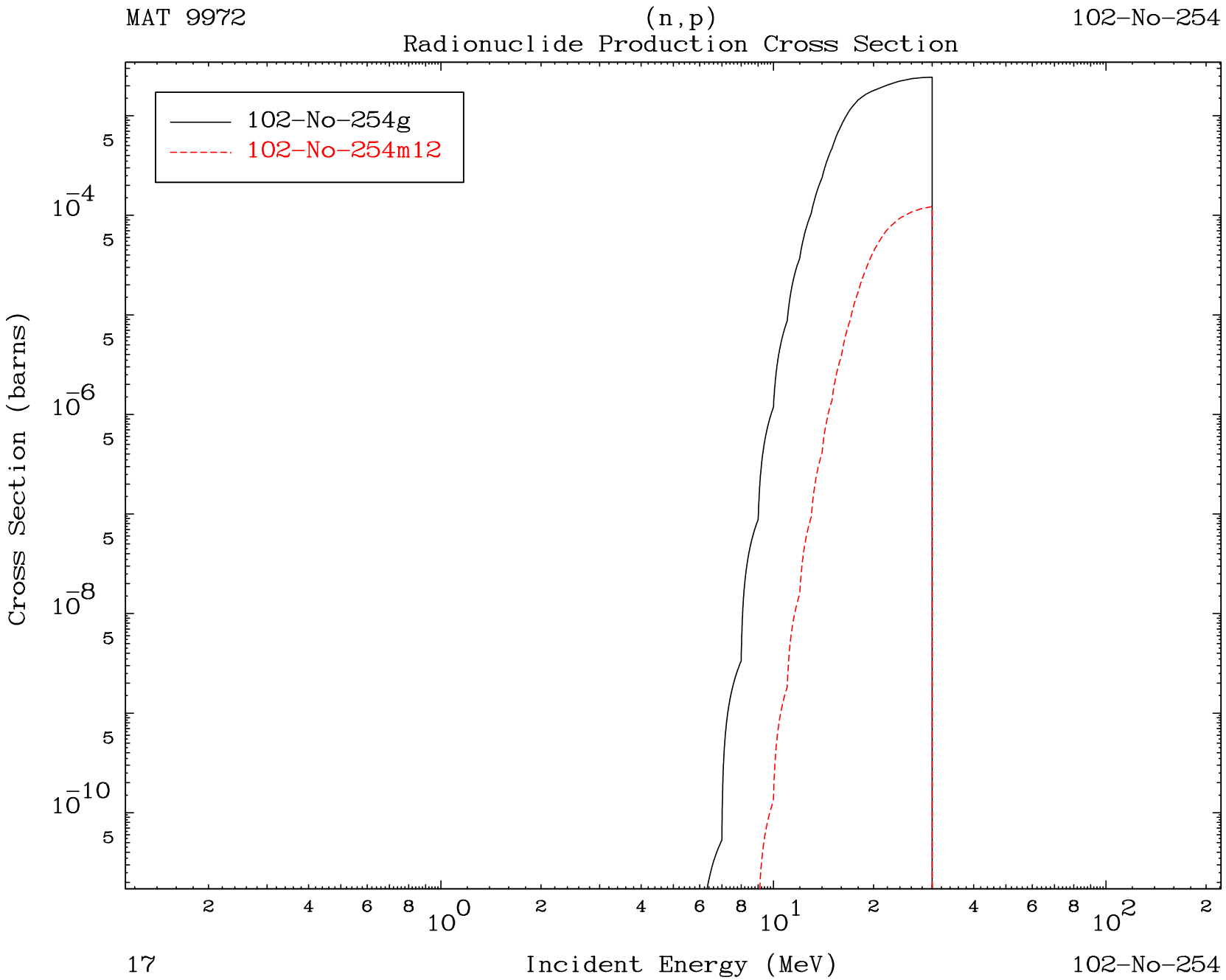

MAT 9972
Fission
102-No-254
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
102-No-254

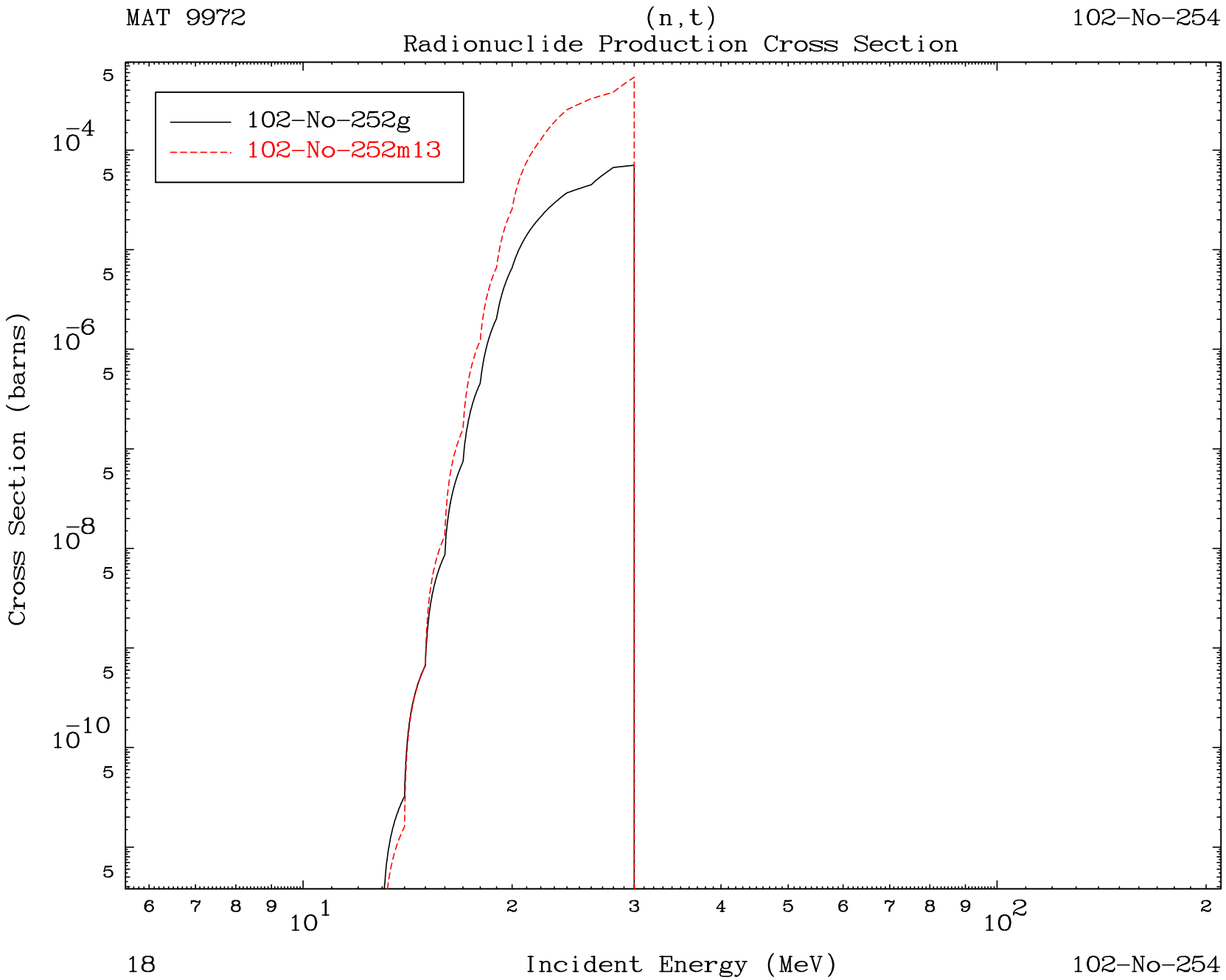

MAT 9972
(n,n') d
102-No-254
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
102-No-254

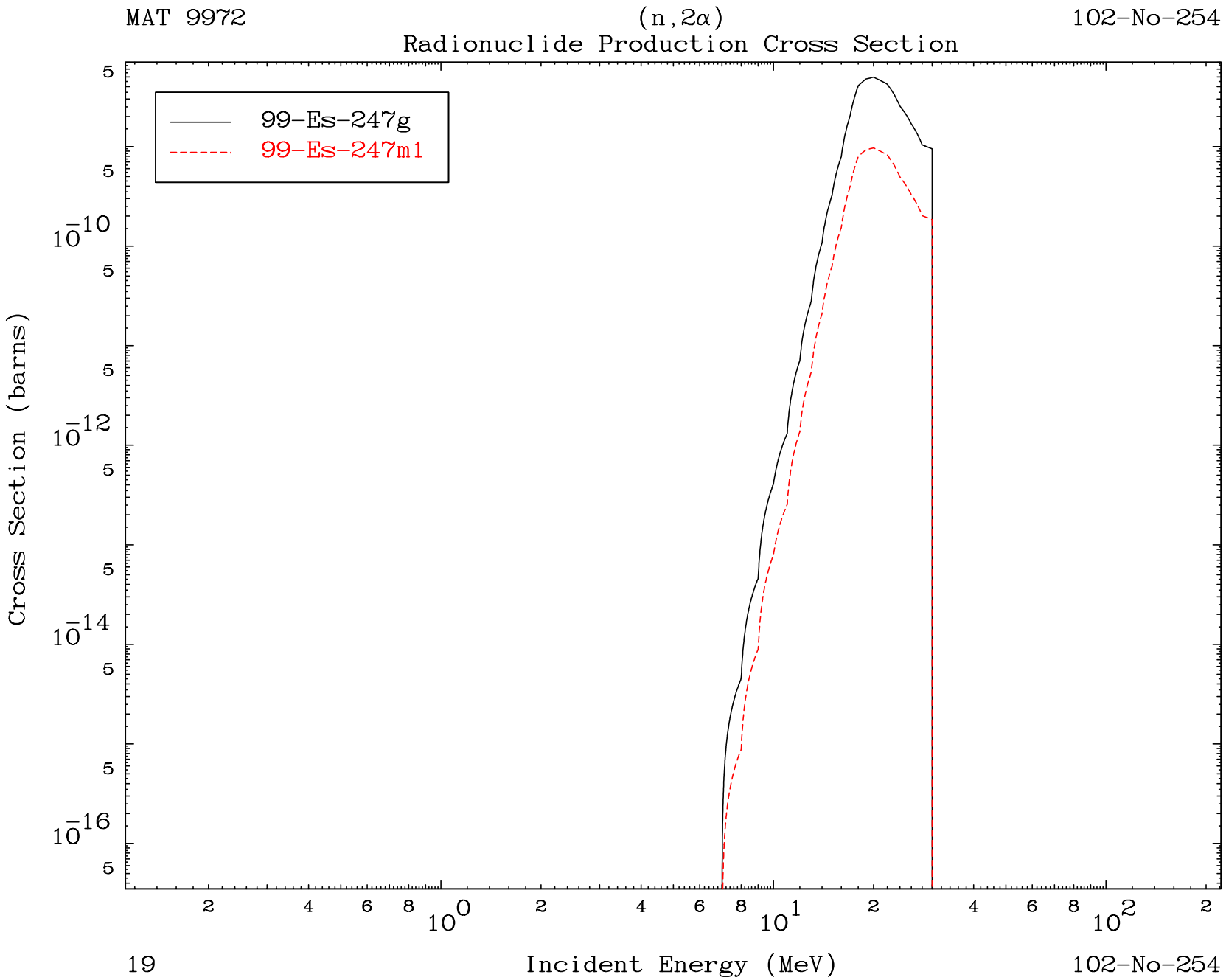

MAT 9972
(n,n') t
102-No-254
Radionuclide Production Cross Section
102-No-251g
102-No-251m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
102-No-254


MAT 9972
(n,2n) p
102-No-254
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
Incident Energy (MeV)
15
102-No-254


MAT 9972
(n,γ)
102-No-254
Radionuclide Production Cross Section
103-Lr-255g
103-Lr-255m1
Cross Section (barns)
Incident Energy (MeV)
16
102-No-254


MAT 9972
(n,p)
102-No-254
Radionuclide Production Cross Section
102-No-254g
102-No-254m12
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
17
102-No-254


MAT 9972
(n,t)
102-No-254
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
Incident Energy (MeV)
18
102-No-254


MAT 9972
(n,2α)
102-No-254
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
19
102-No-254