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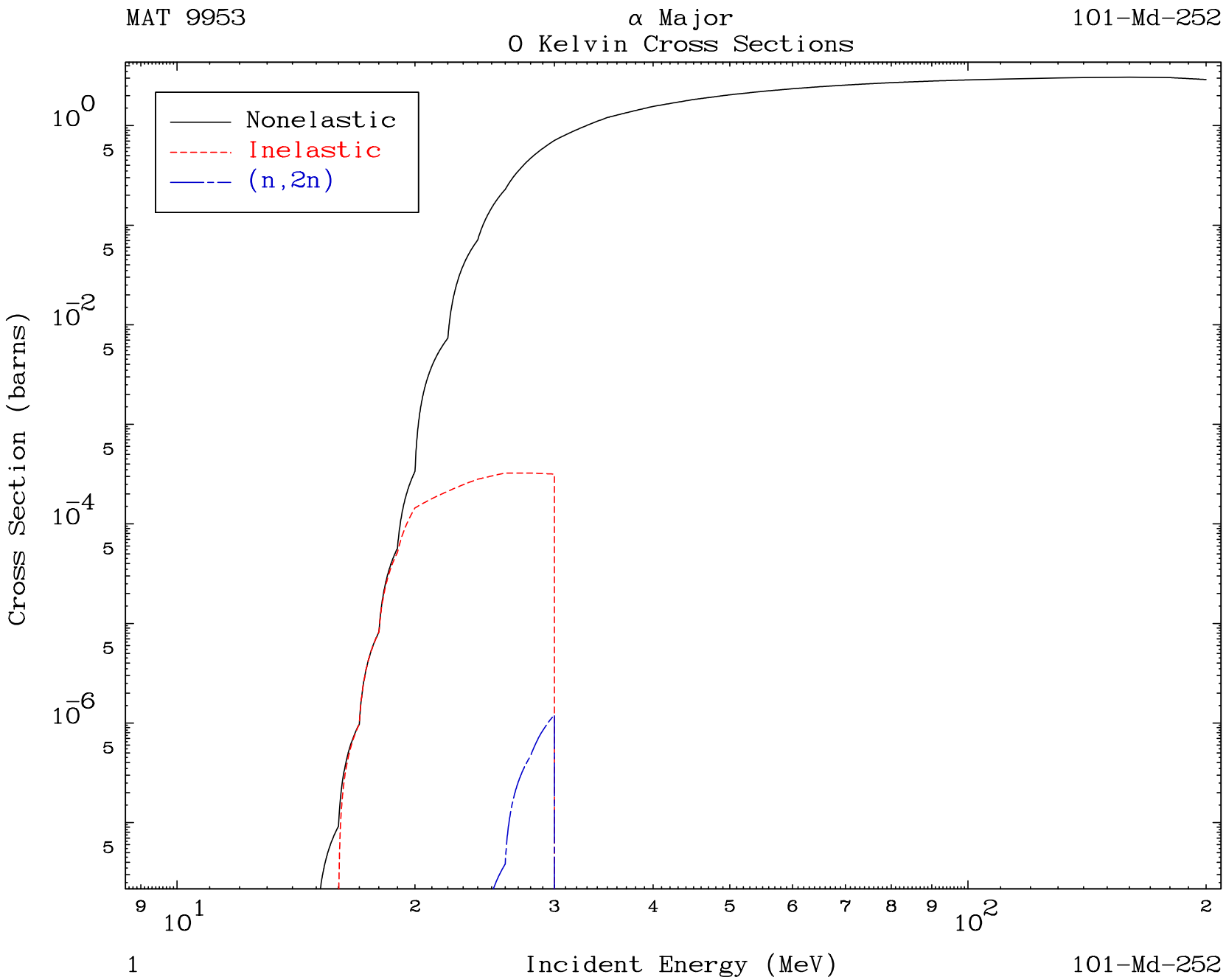
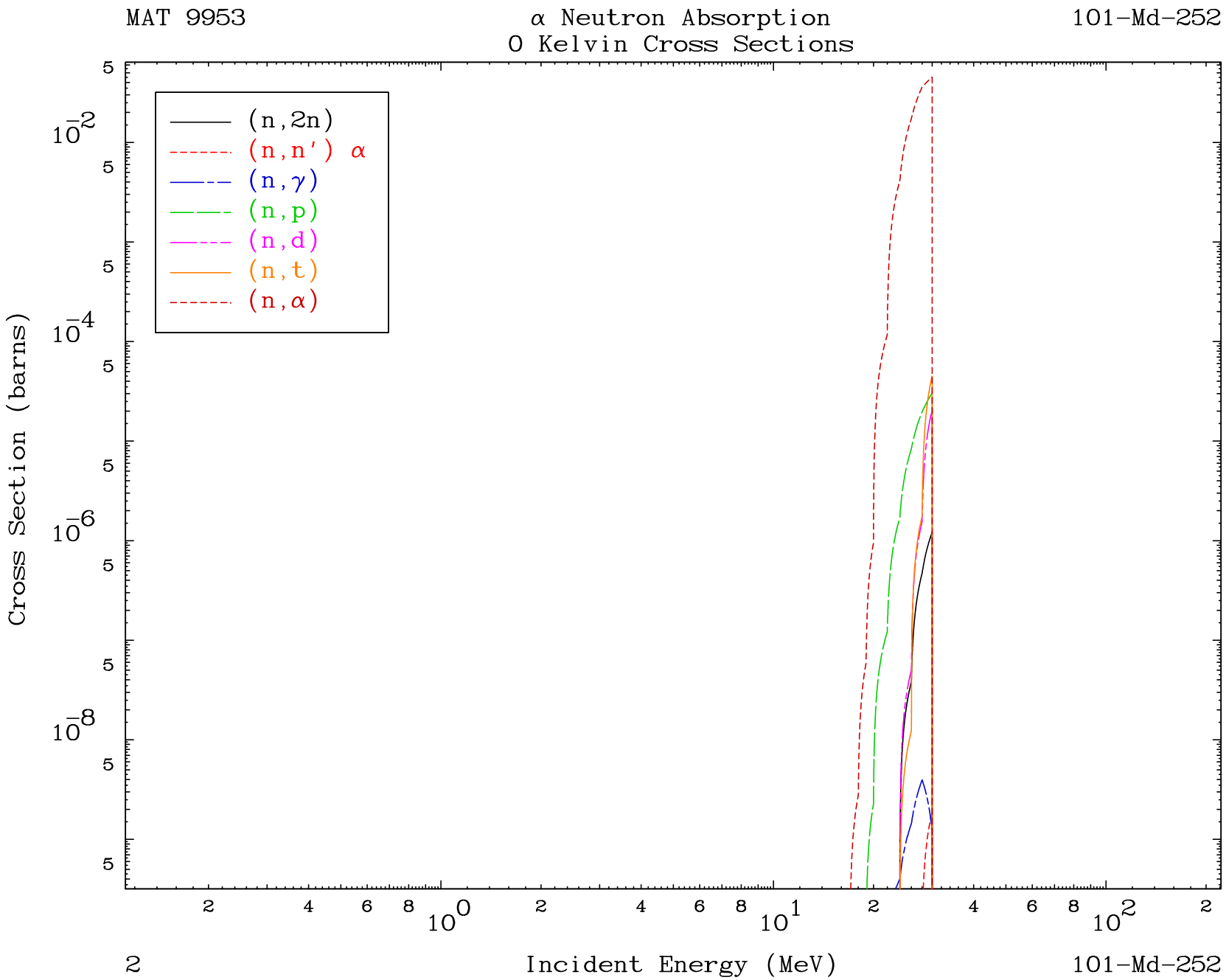
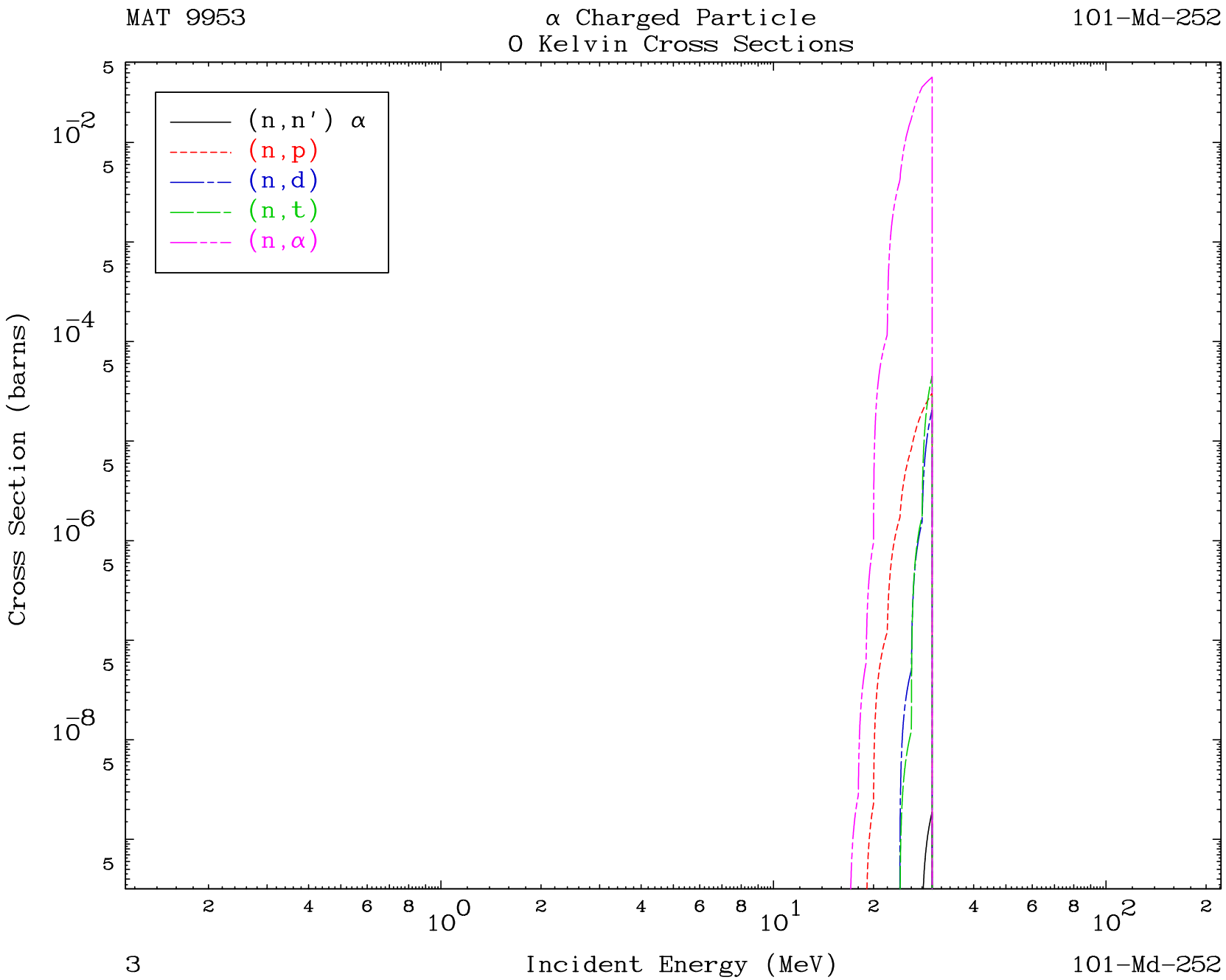
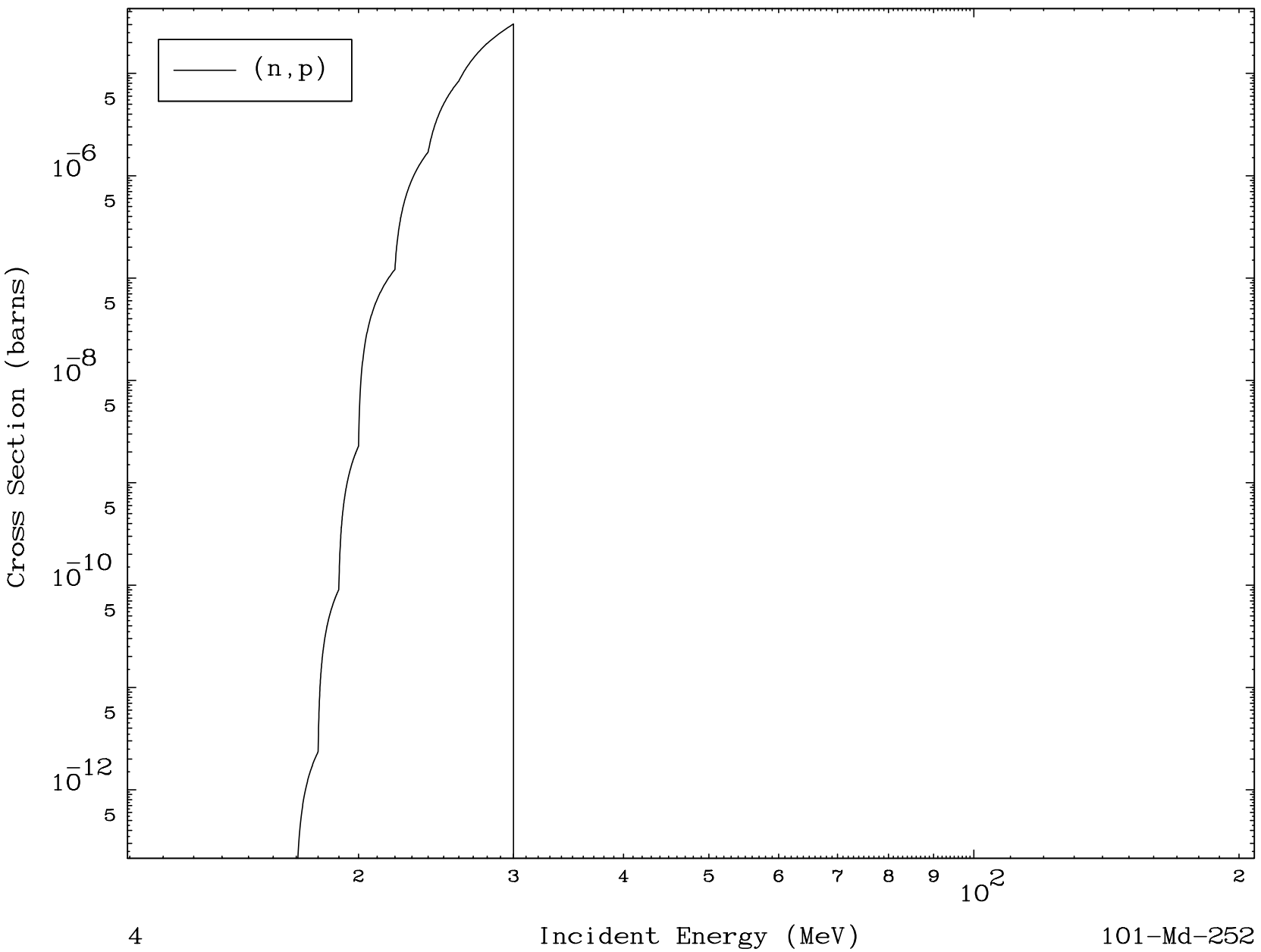
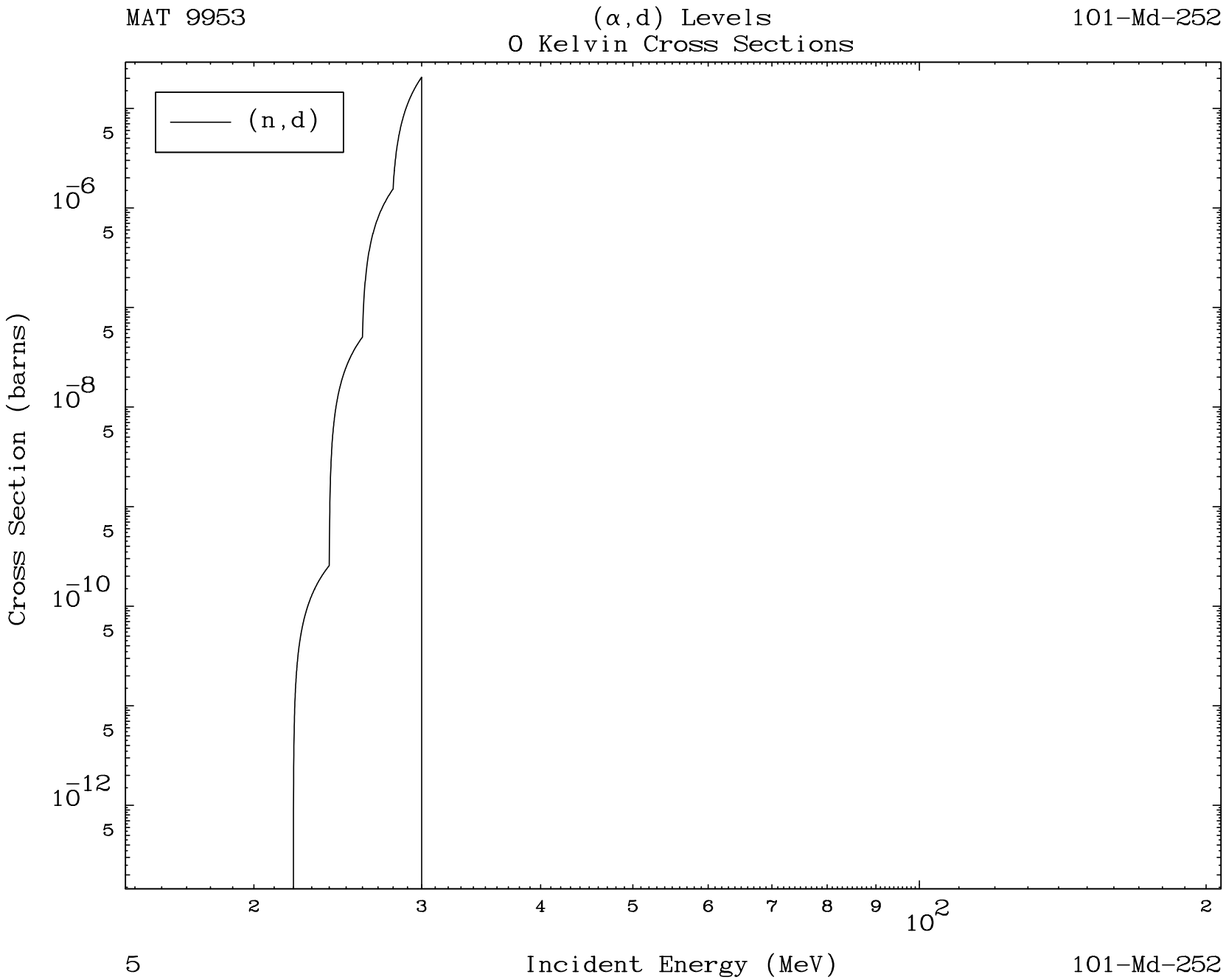
Press Mouse Button to Start


MAT 9953
α Major
101-Md-252
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
Incident Energy (MeV)
101-Md-252

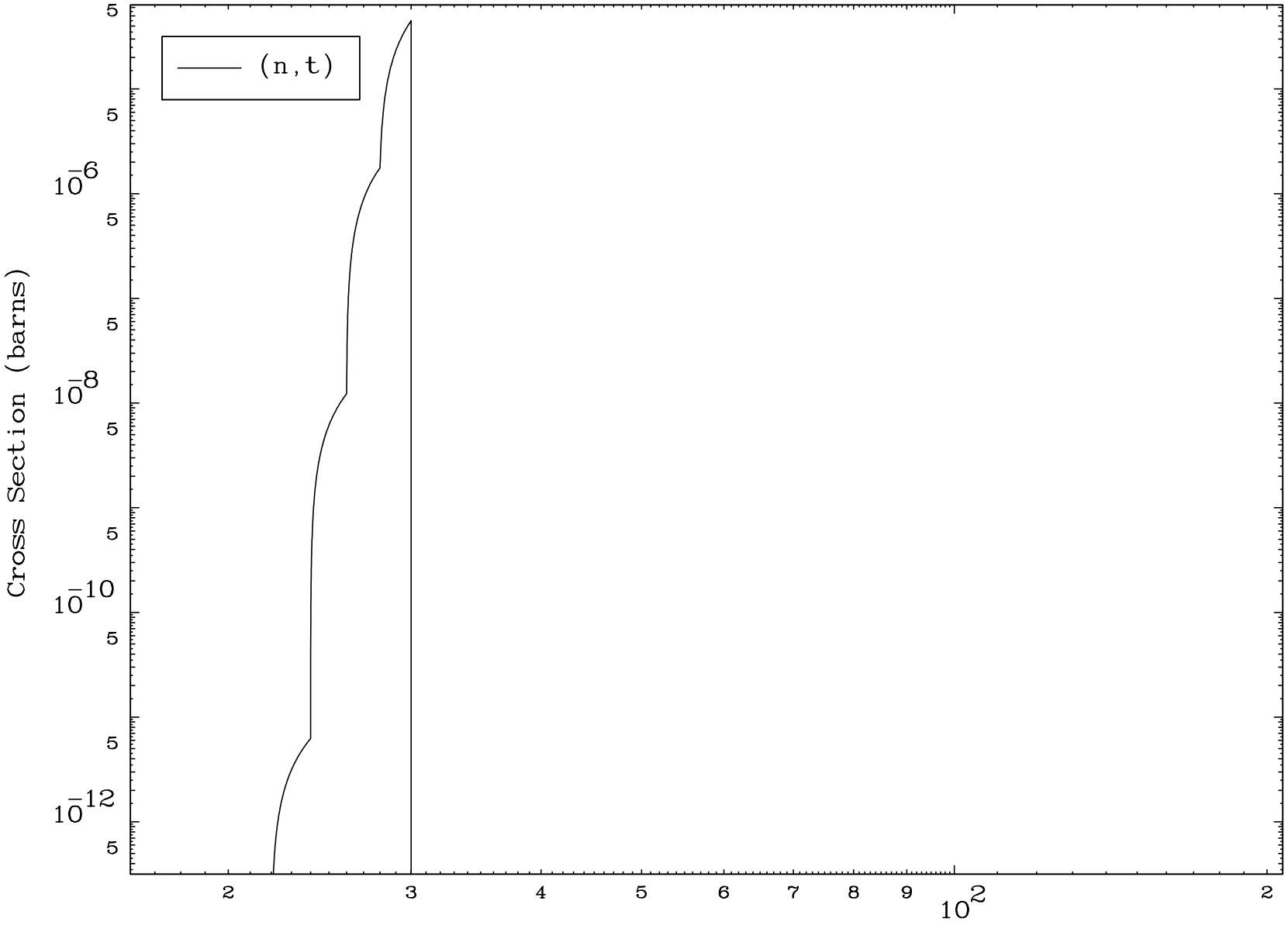

MAT 9953
α Neutron Absorption
0 Kelvin Cross Sections
101-Md-252
(n,2n)
(n,n') α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
101-Md-252
2

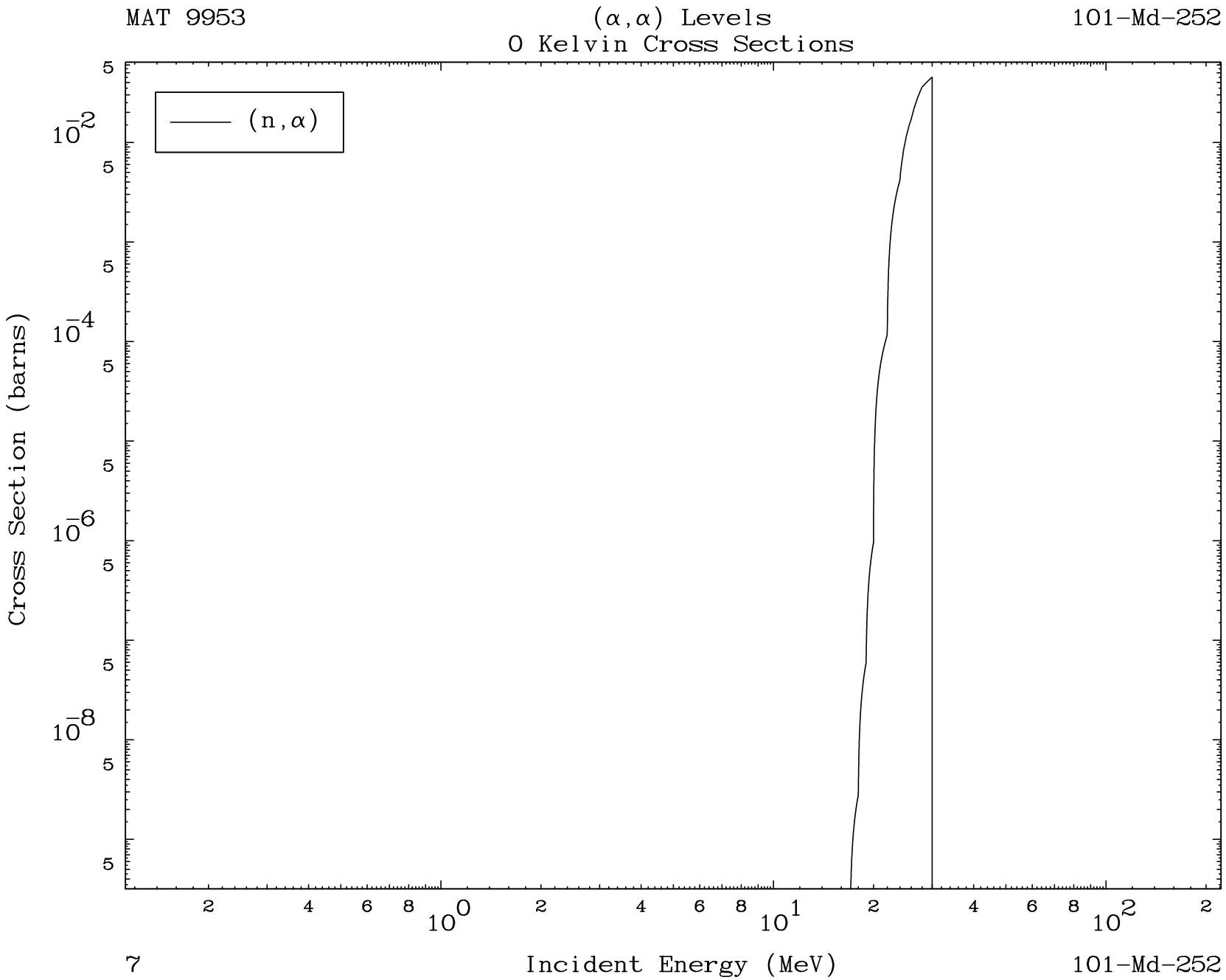

MAT 9953
α Charged Particle
0 Kelvin Cross Sections
101-Md-252
(n,n') α
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
101-Md-252

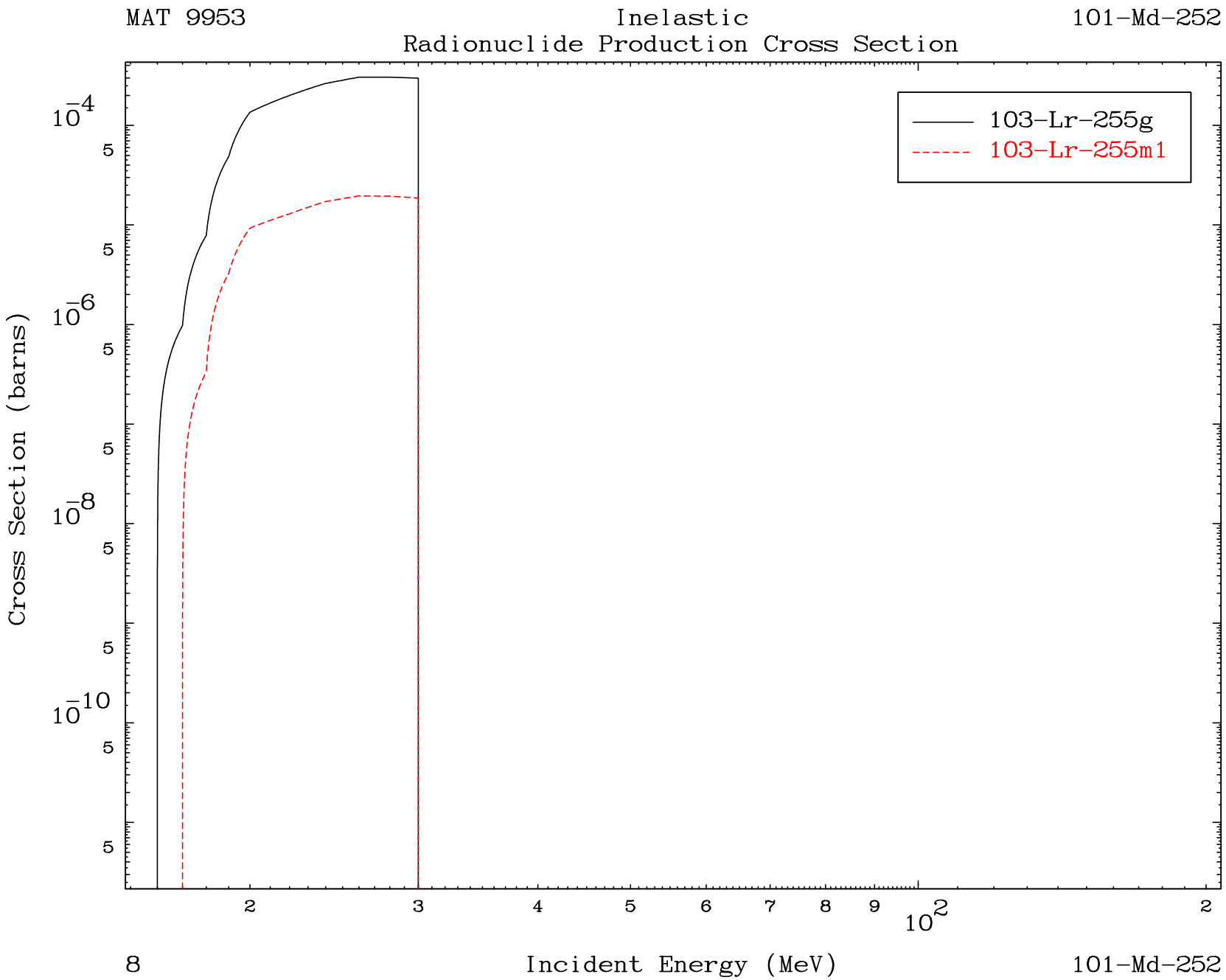

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

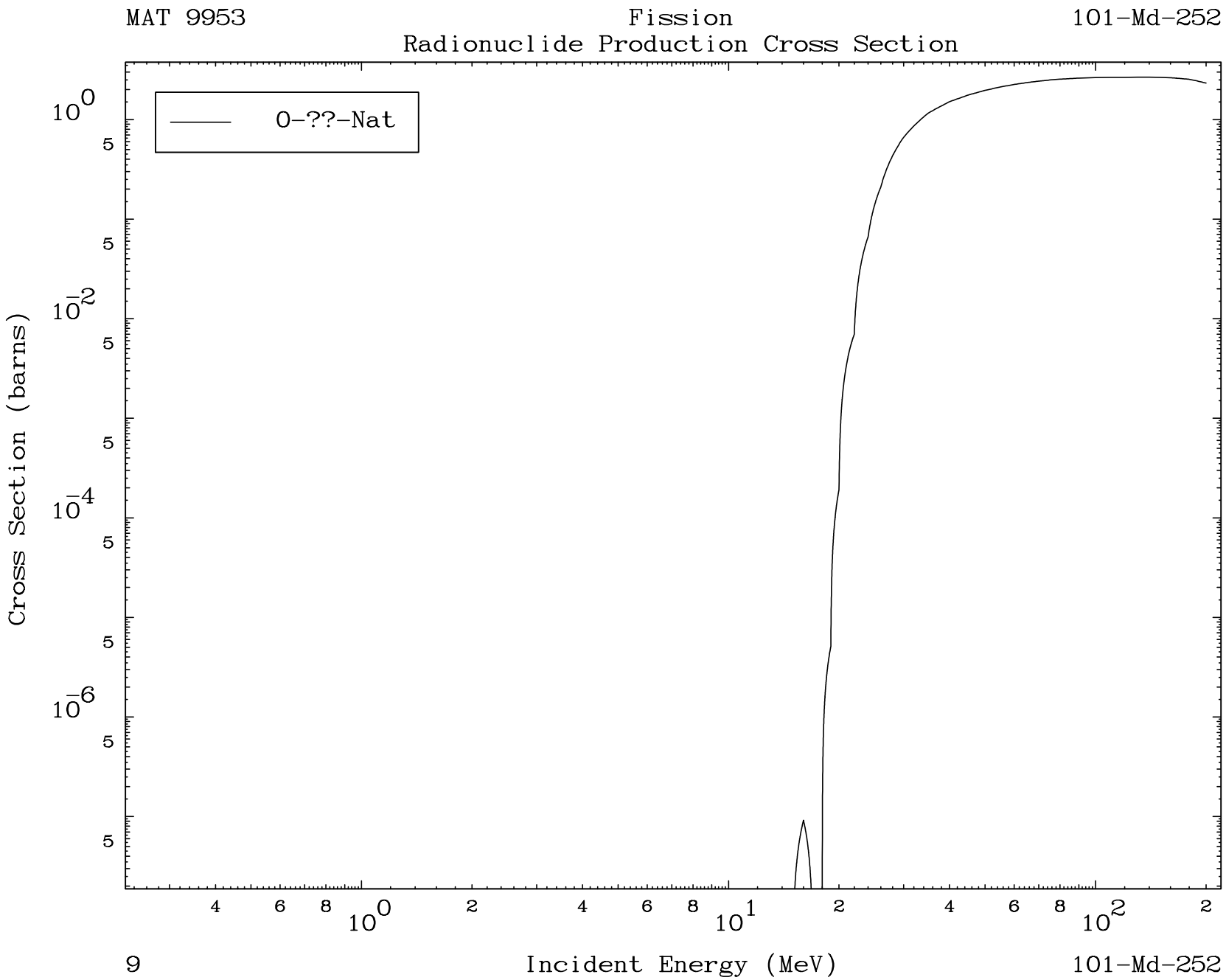

MAT 9953
(α,d) Levels
101-Md-252
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
101-Md-252

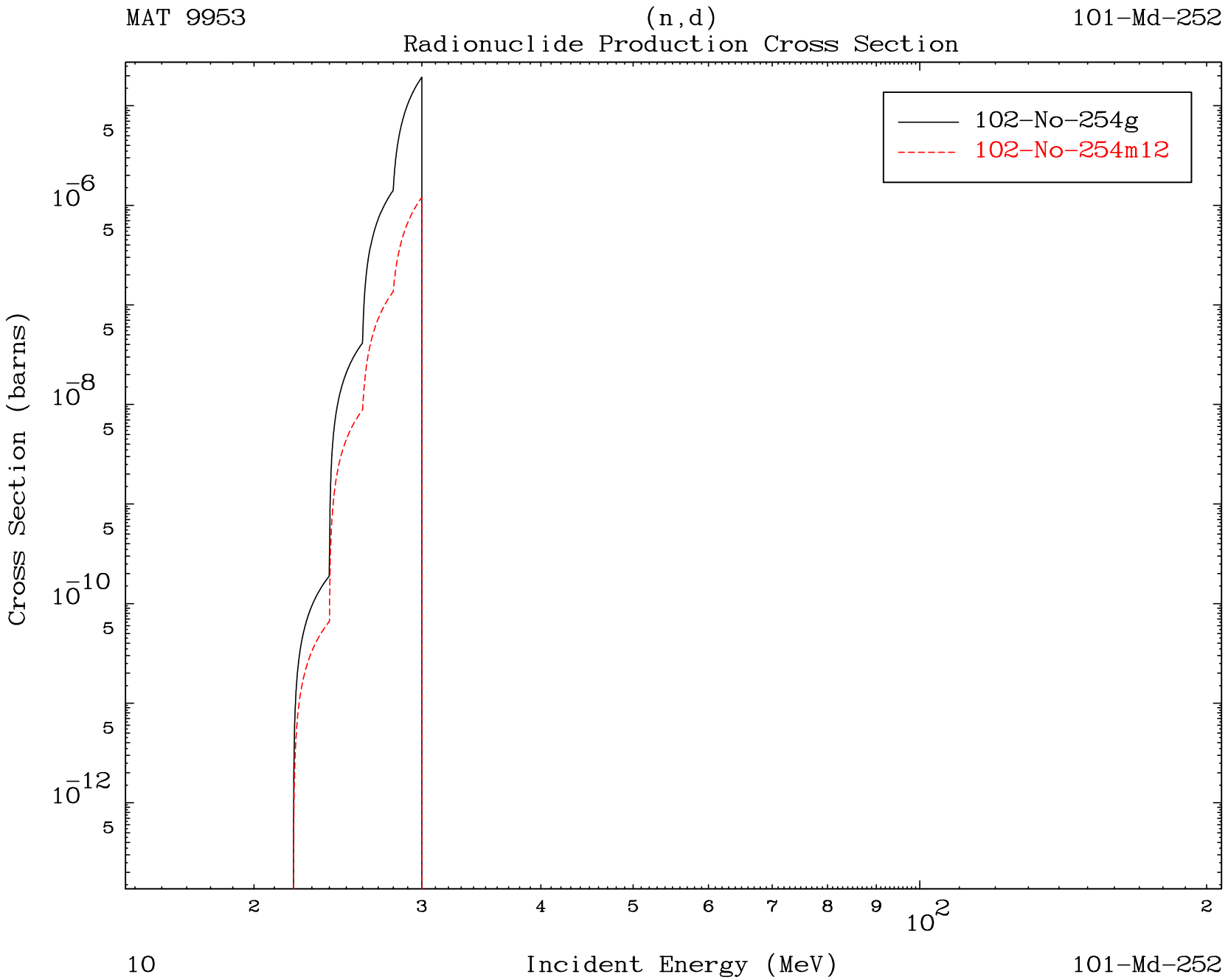
0 Kelvin Cross Sections




MAT 9953
(α,α) Levels
101-Md-252
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
7
101-Md-252


MAT 9953
Inelastic
101-Md-252
Radionuclide Production Cross Section
103-Lr-255g
103-Lr-255m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
8
101-Md-252


MAT 9953
Fission
101-Md-252
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
9
101-Md-252


MAT 9953
(n,d)
101-Md-252
Radionuclide Production Cross Section
102-No-254g
102-No-254m12
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
101-Md-252