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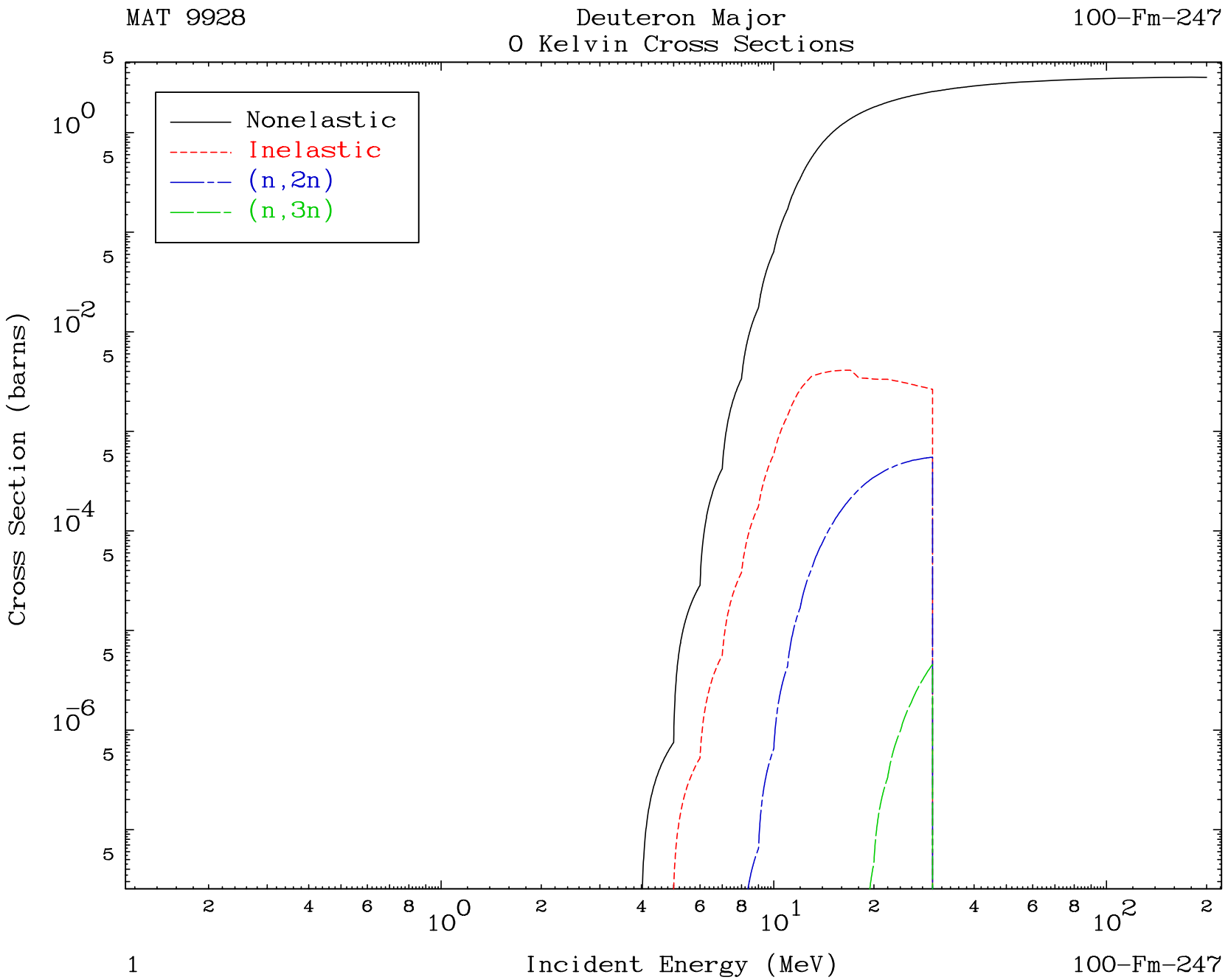
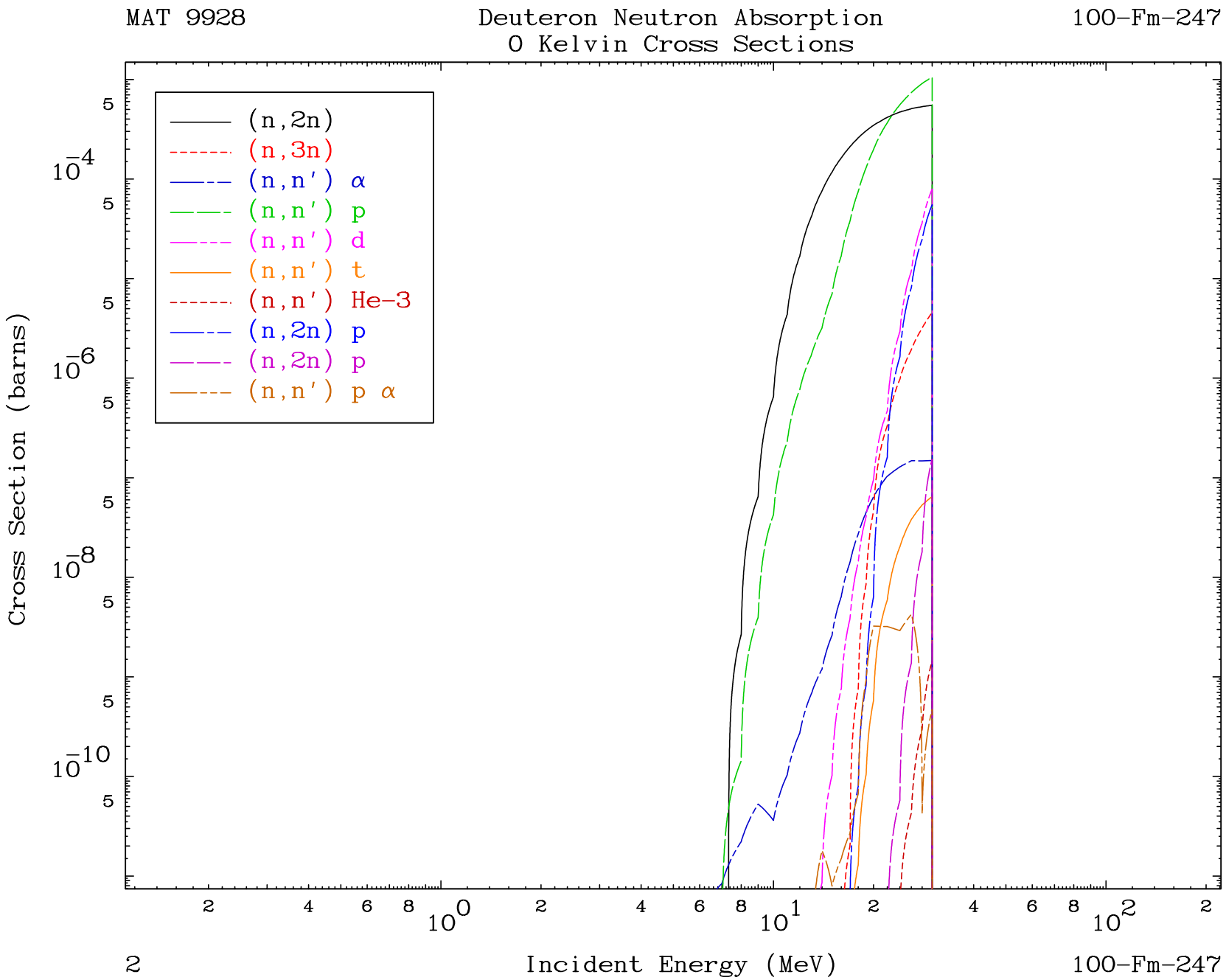
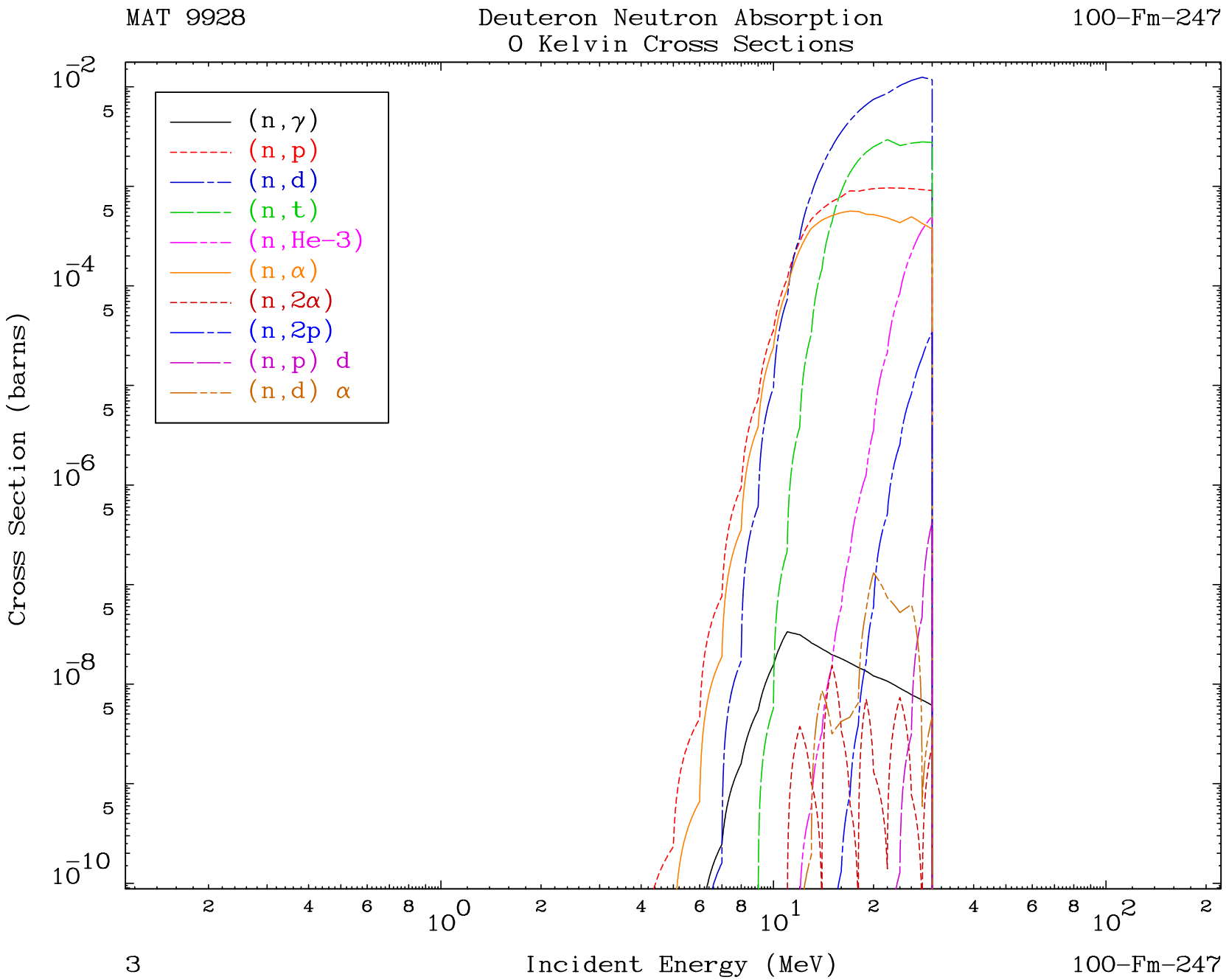
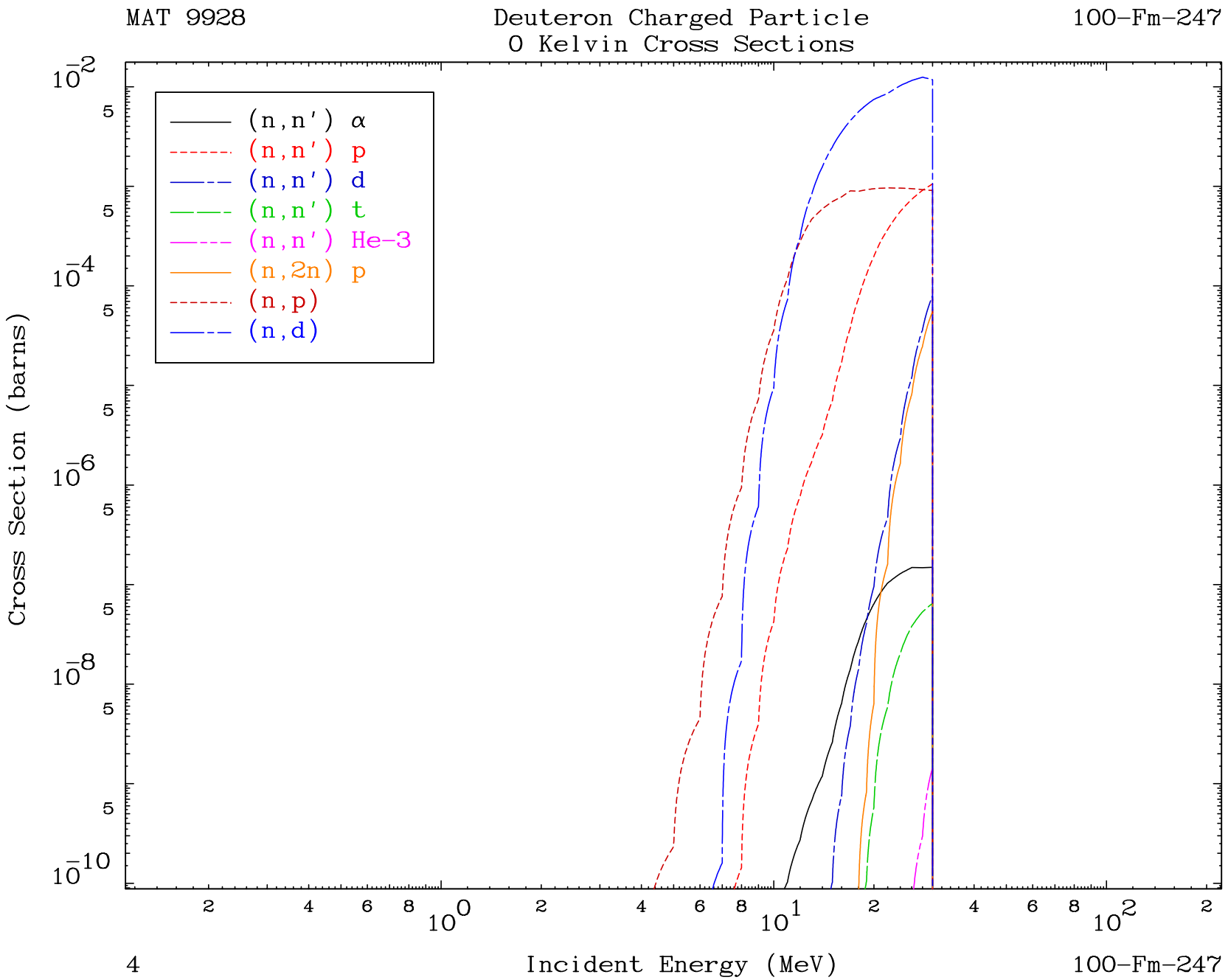
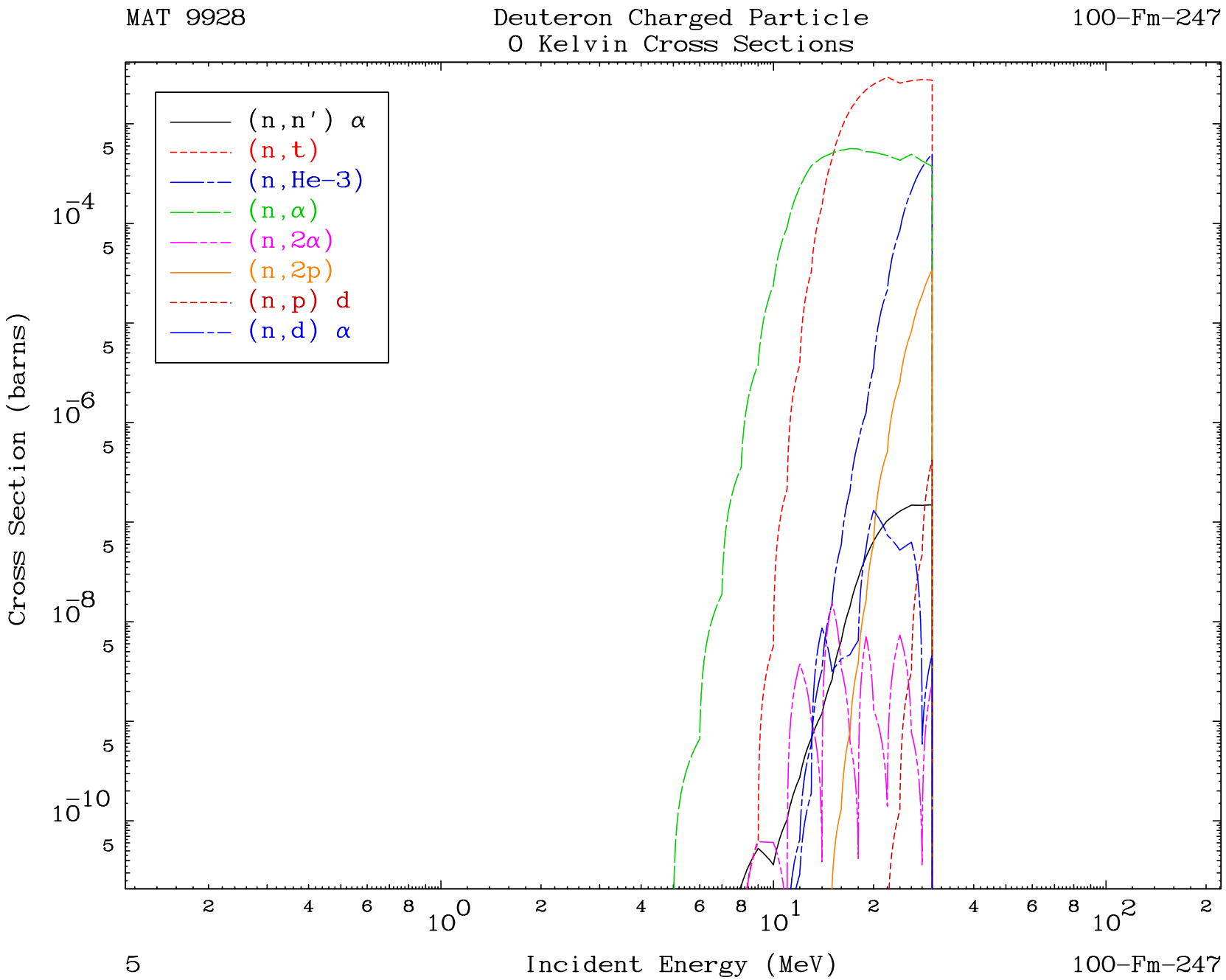
Press Mouse Button to Start

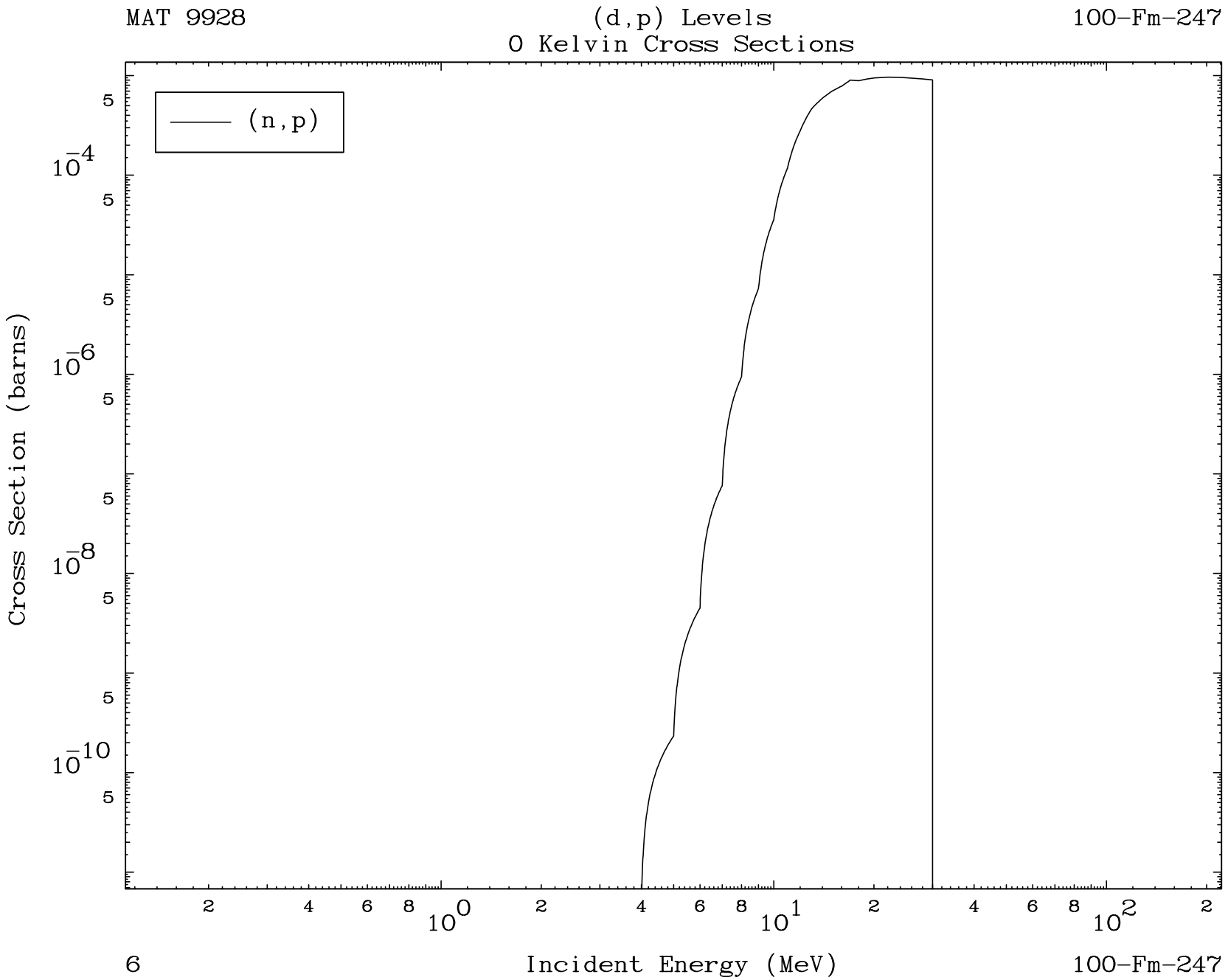

MAT 9928
Deuteron Major
100-Fm-247
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-247

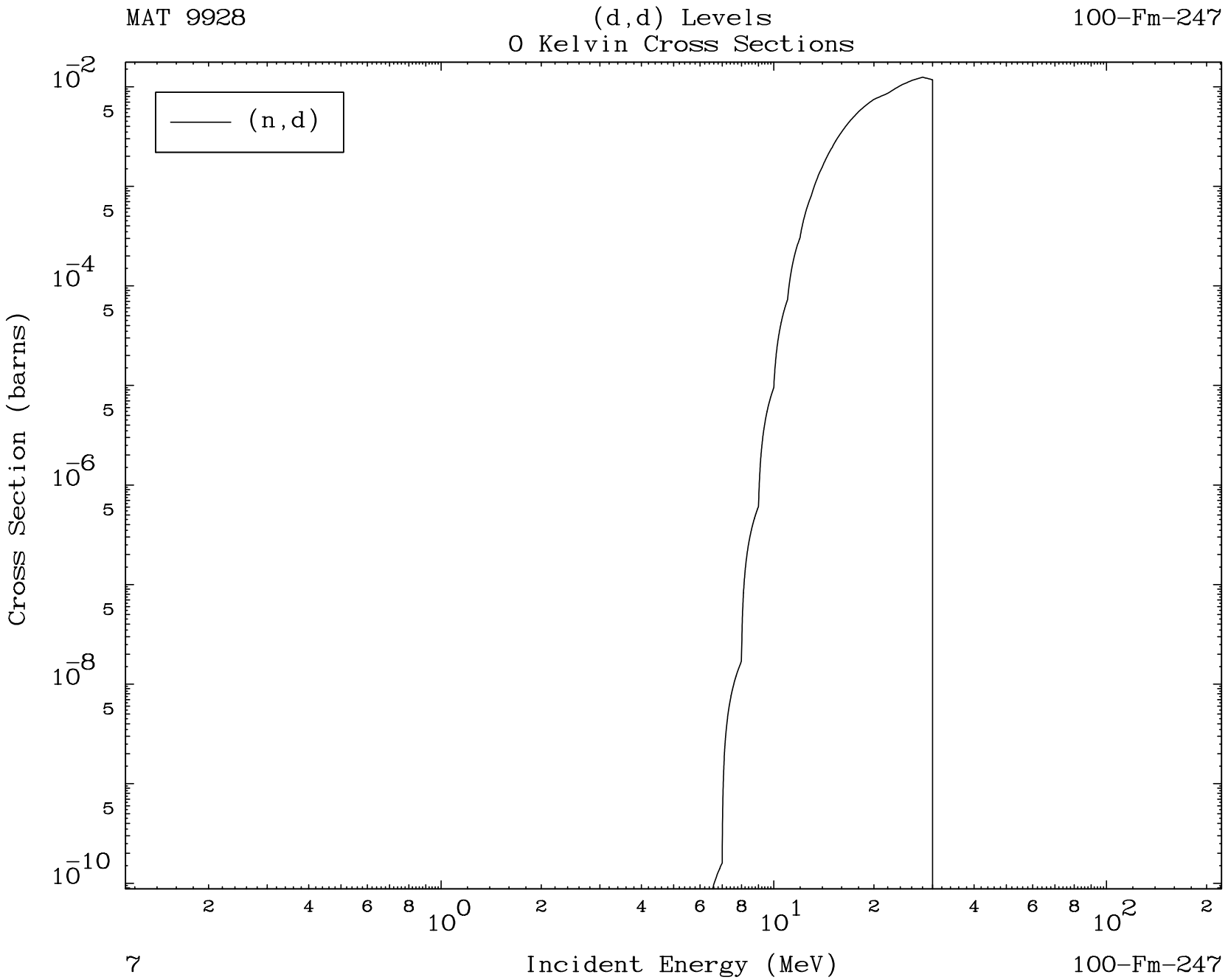

MAT 9928
Deuteron Neutron Absorption
0 Kelvin Cross Sections
100-Fm-247
(n,2n)
(n,3n)
(n,n') α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
Cross Section (barns)
Incident Energy (MeV)
100-Fm-247
2


MAT 9928
Deuteron Neutron Absorption
0 Kelvin Cross Sections
100-Fm-247
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-247

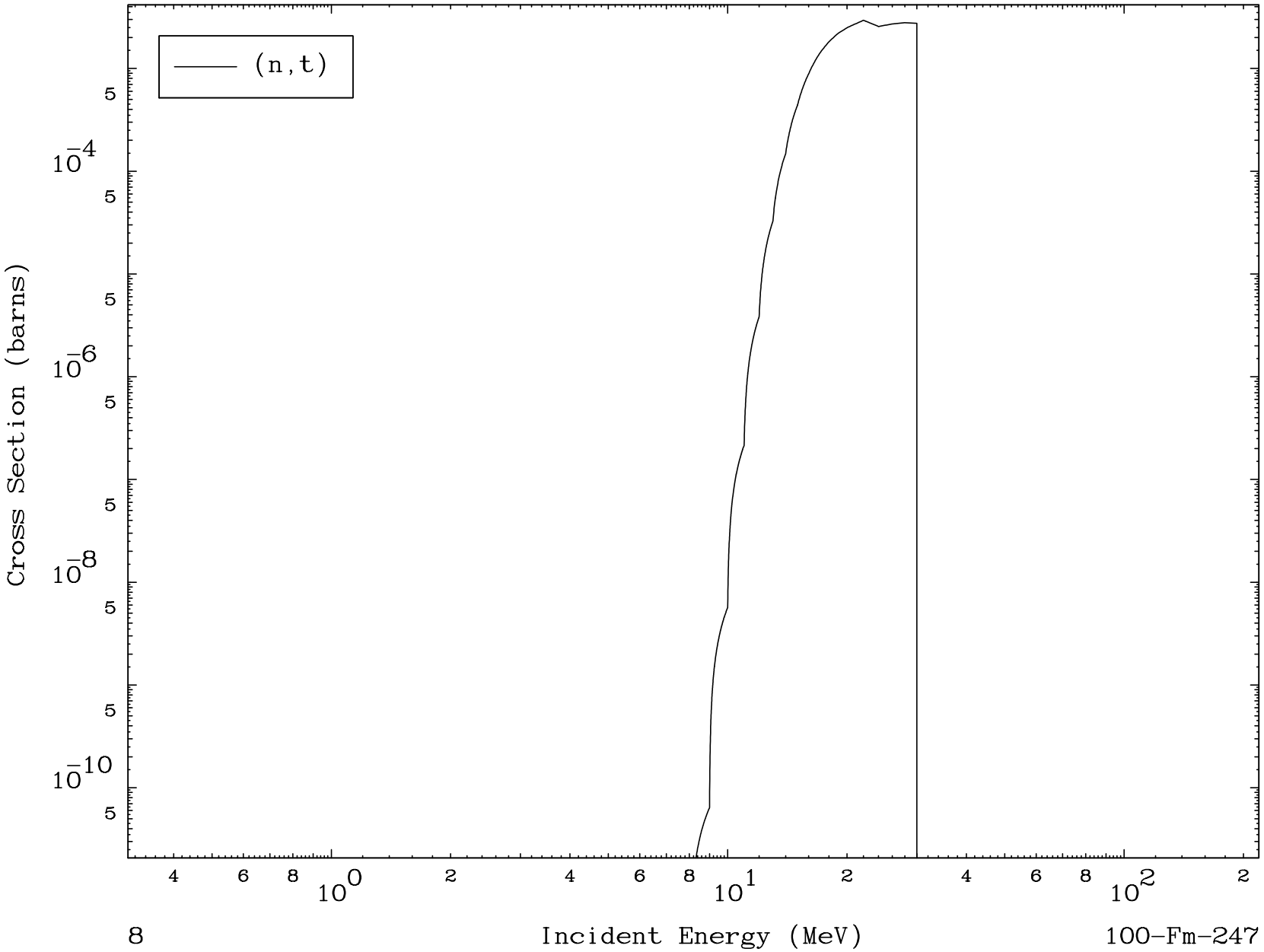

MAT 9928
Deuteron Charged Particle
0 Kelvin Cross Sections
100-Fm-247
(n,n') α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
100-Fm-247

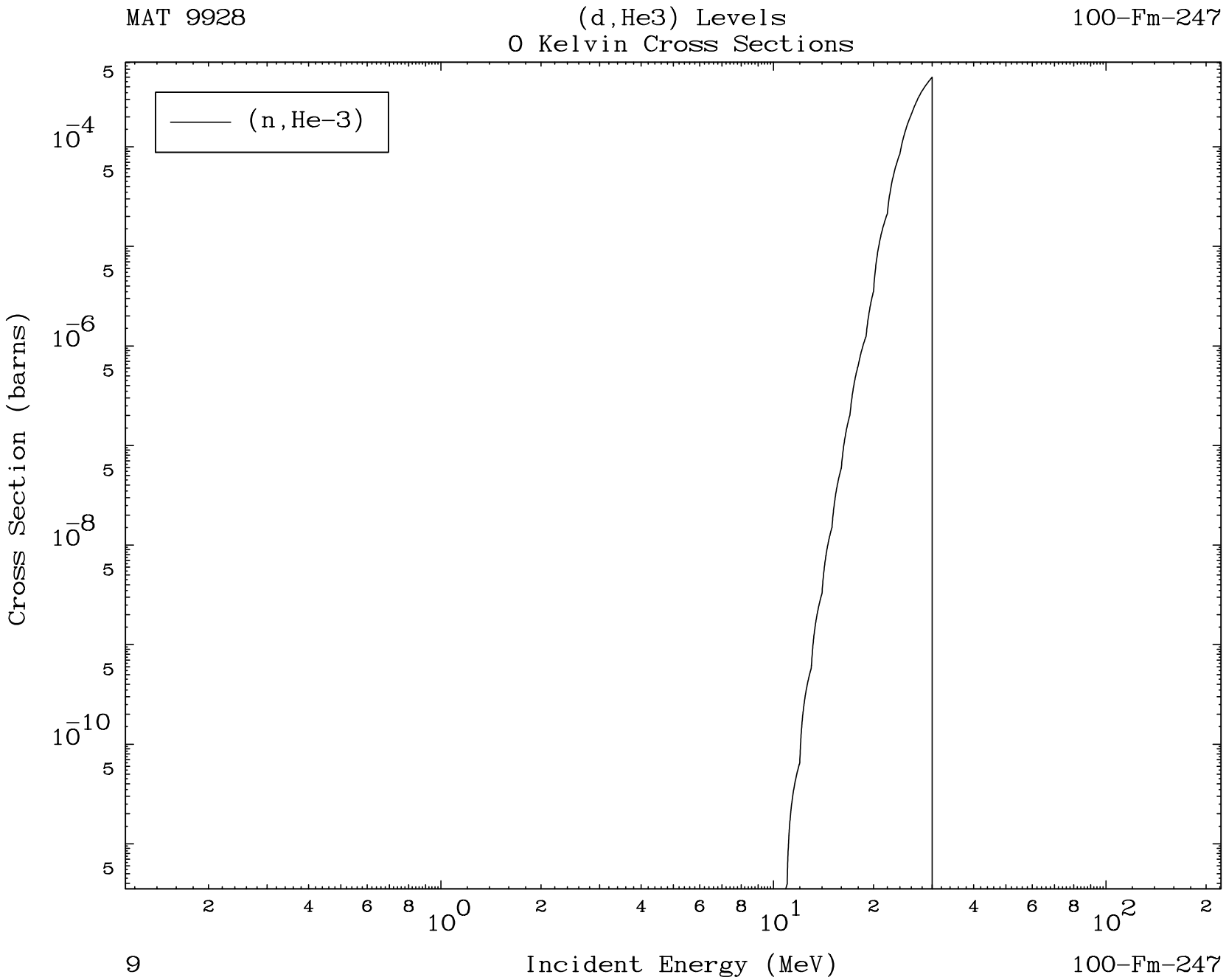

MAT 9928
Deuteron Charged Particle
0 Kelvin Cross Sections
100-Fm-247
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) d
(n,d) α
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
100-Fm-247

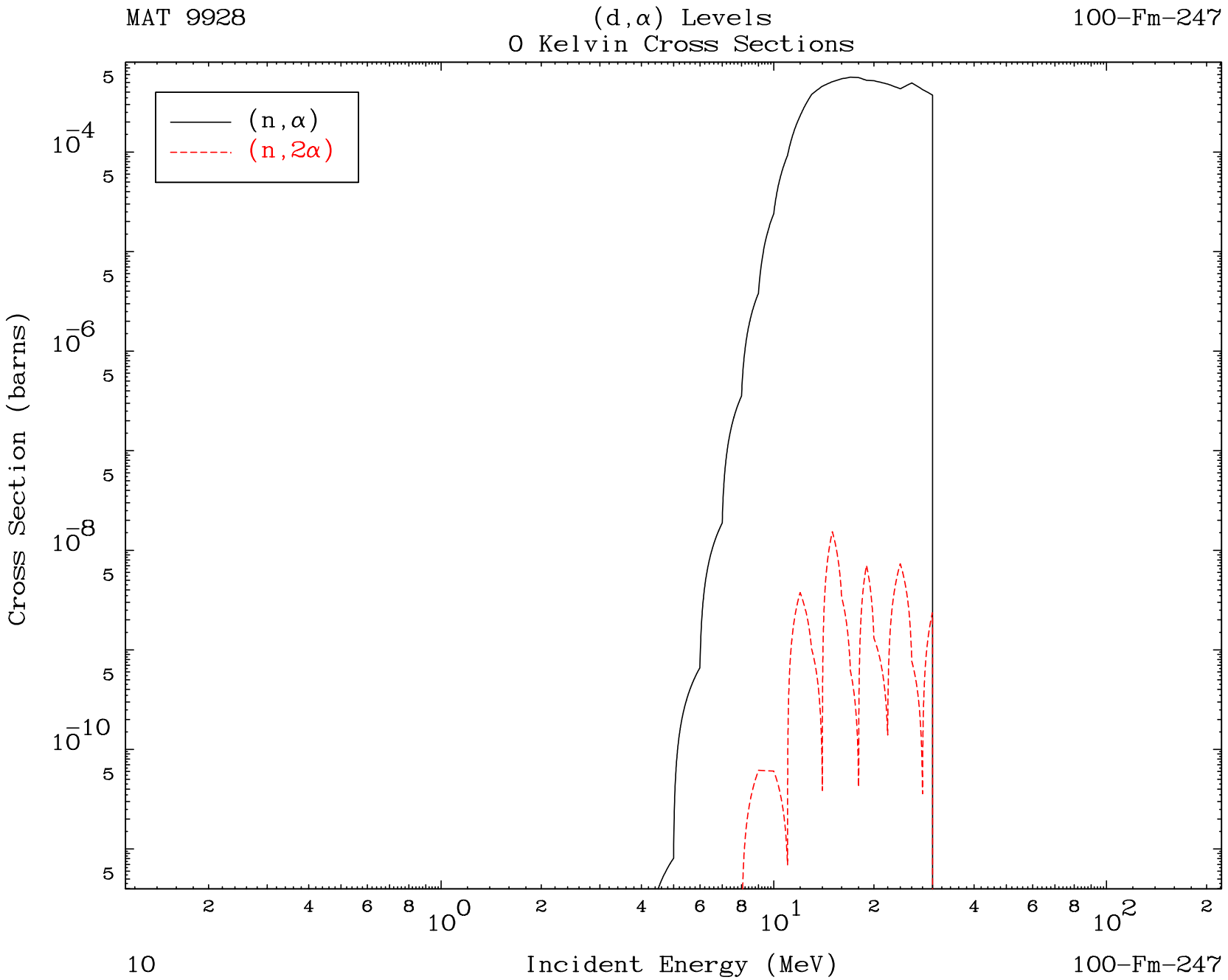

MAT 9928
(d,p) Levels
100-Fm-247
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
100-Fm-247

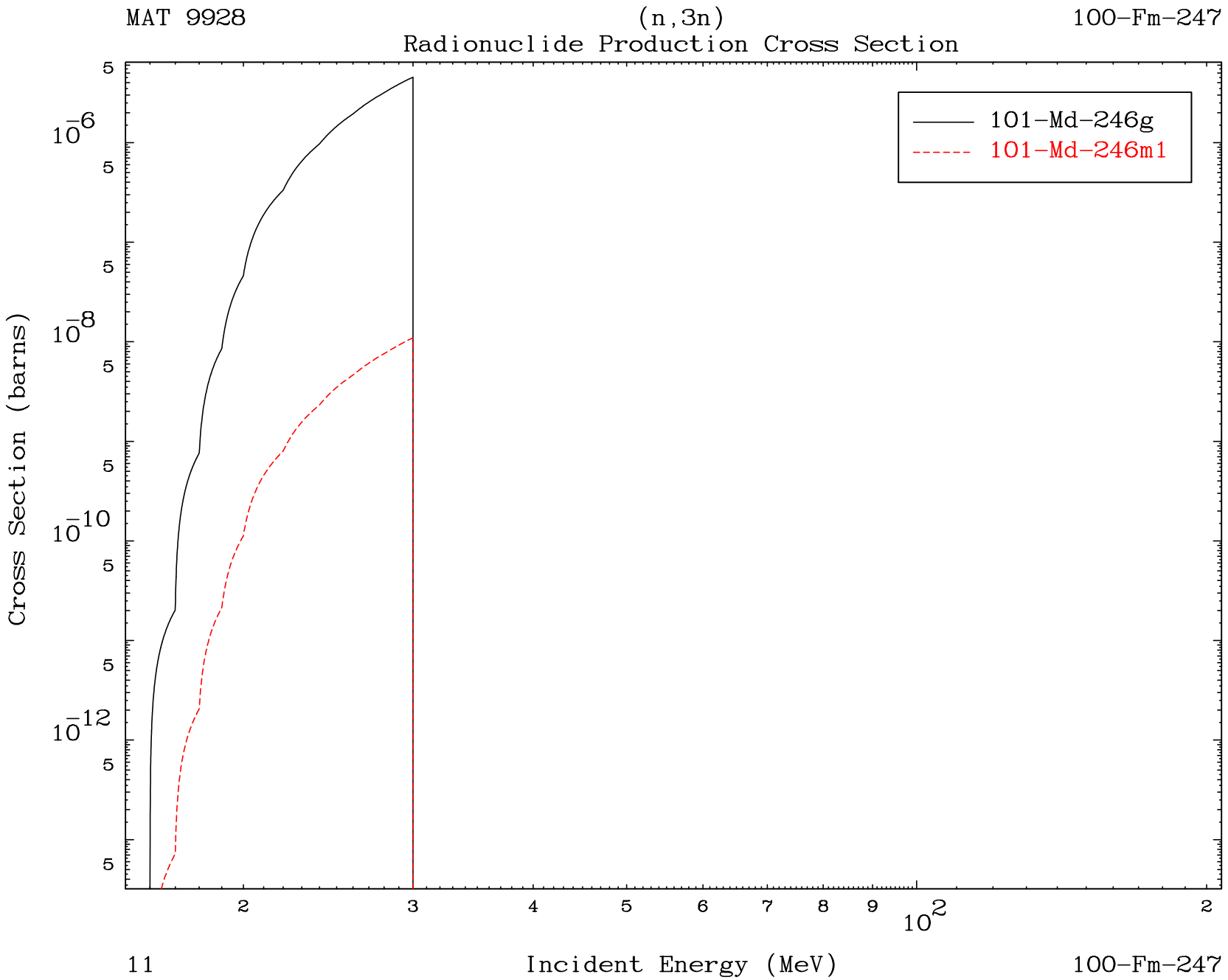

MAT 9928
(d,d) Levels
100-Fm-247
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
100-Fm-247

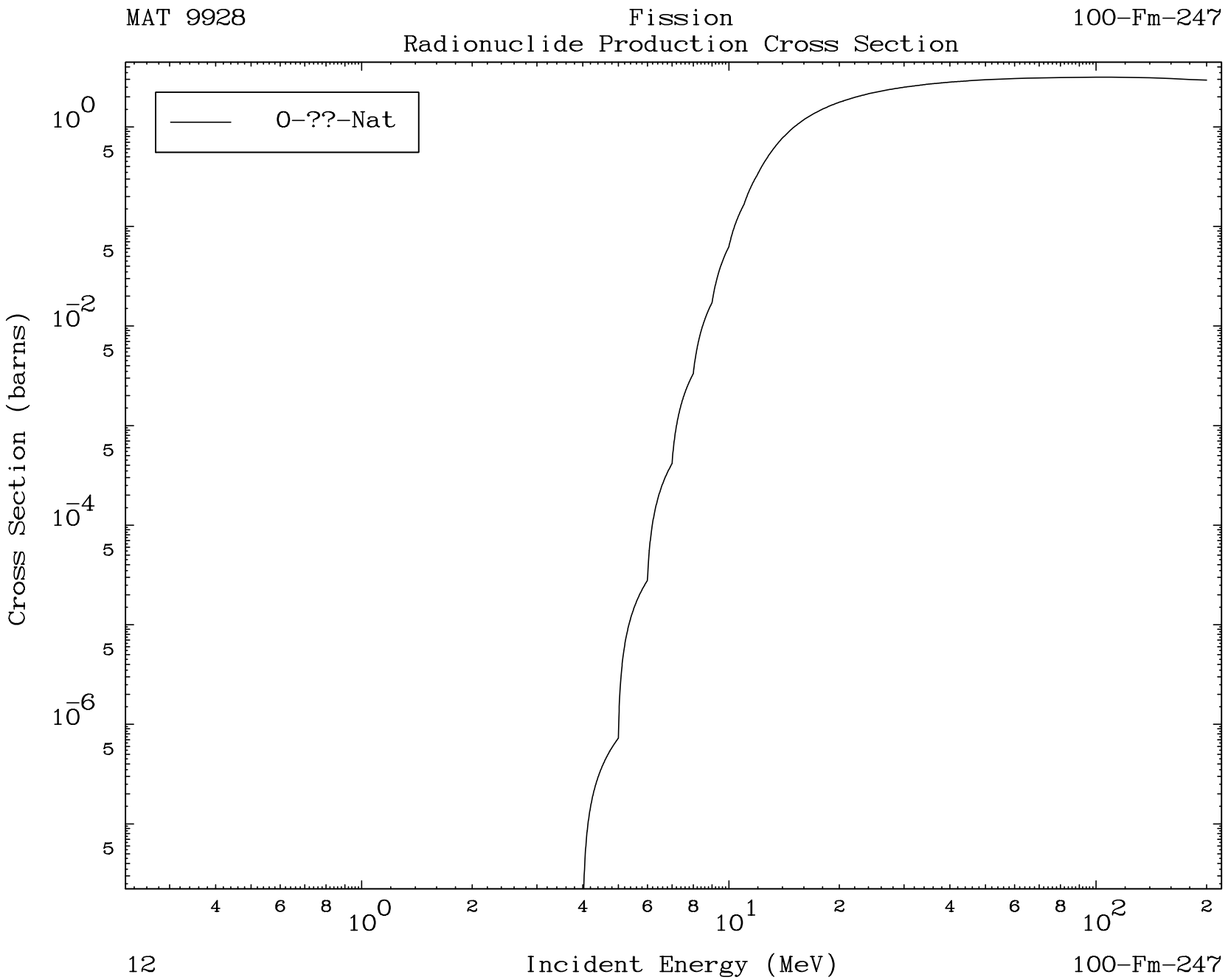
0 Kelvin Cross Sections

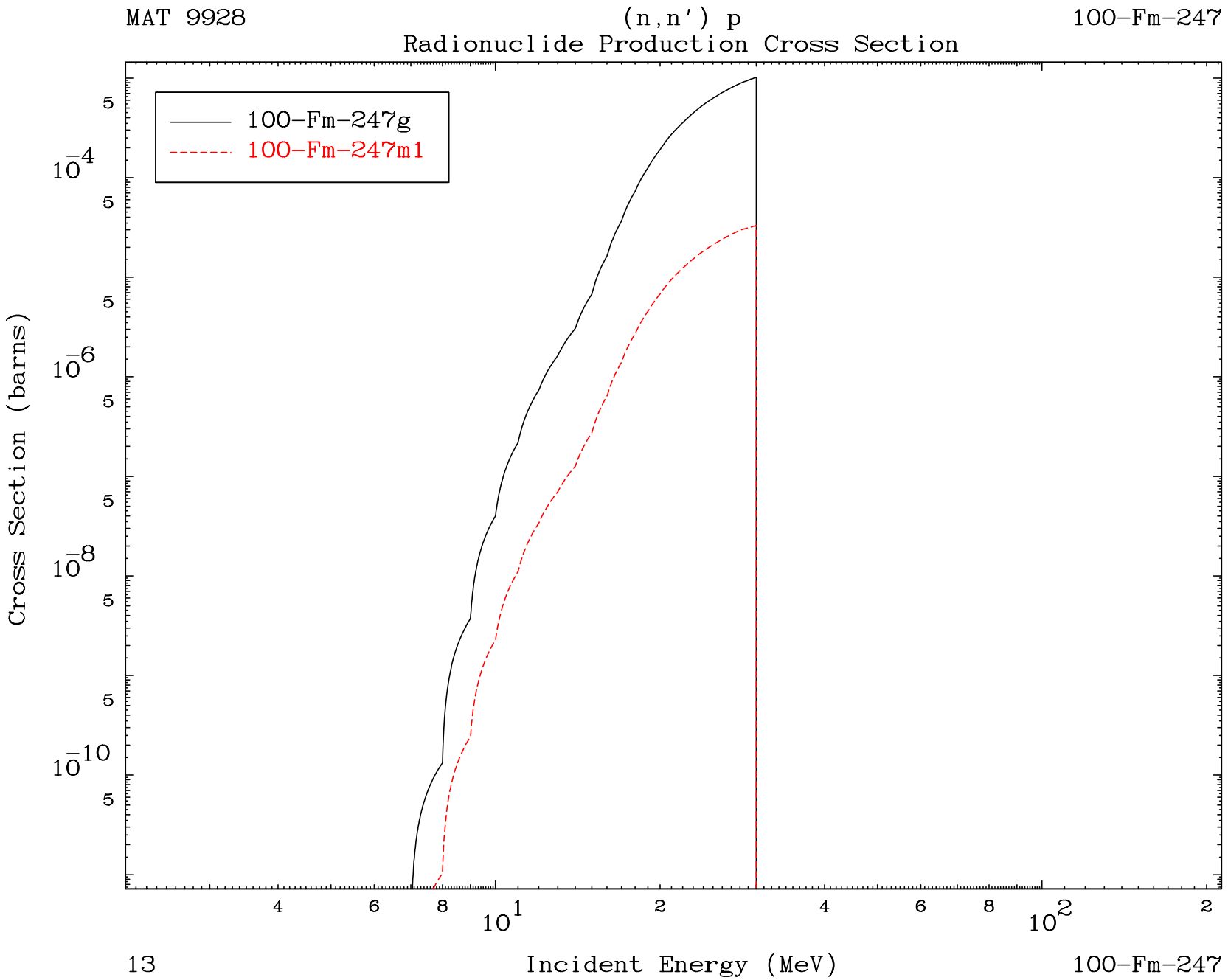


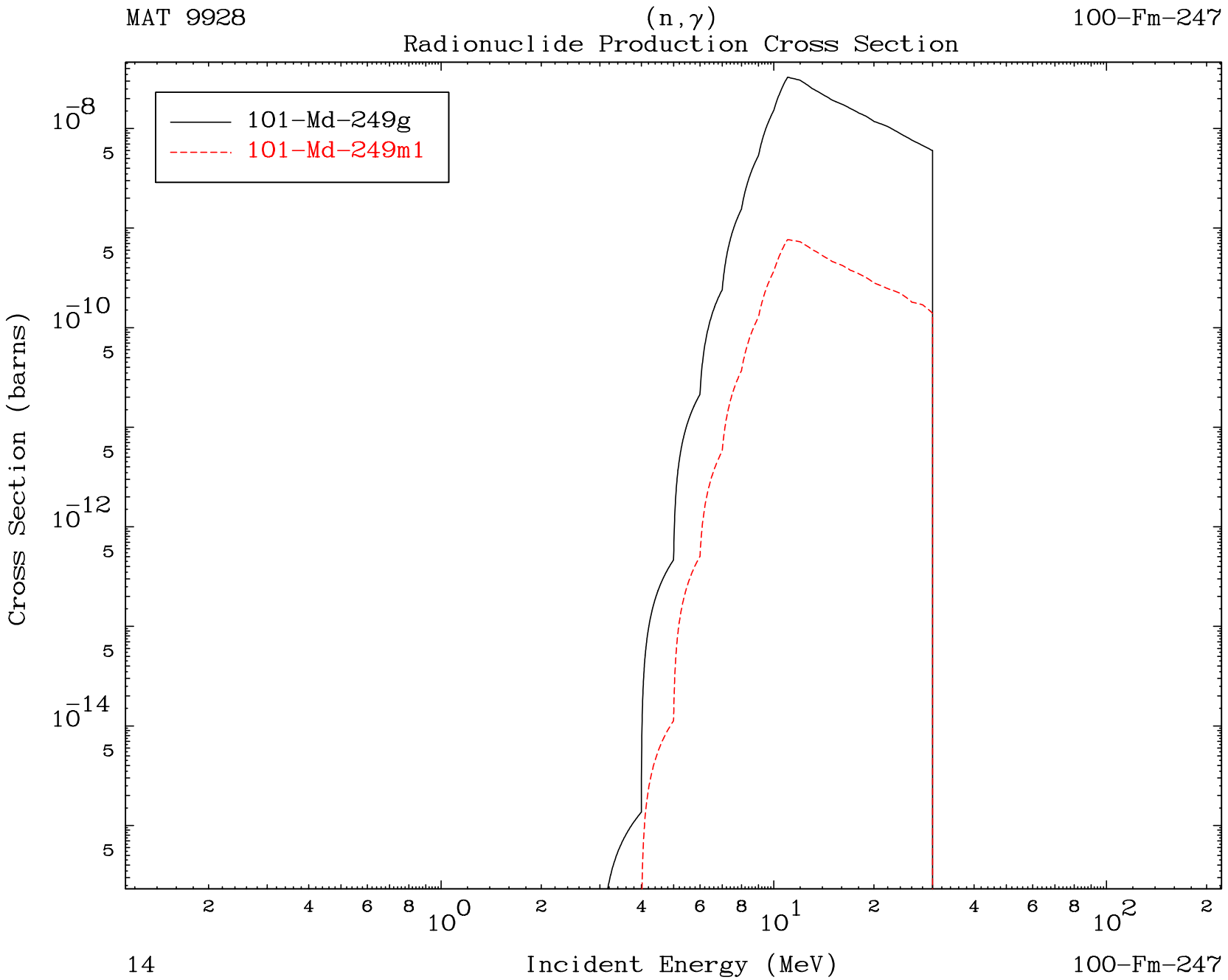

MAT 9928
(d,He3) Levels
100-Fm-247
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
100-Fm-247

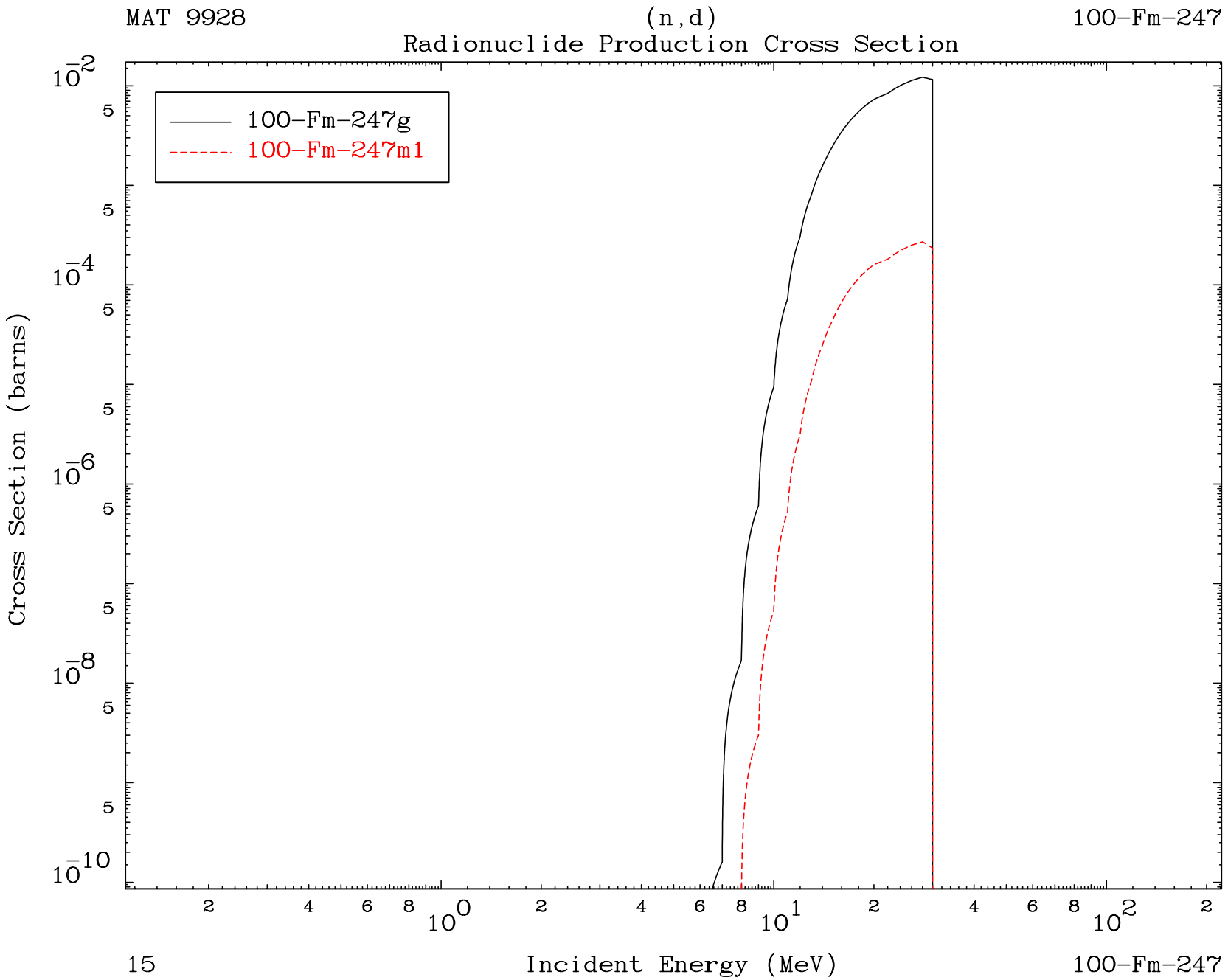

MAT 9928
(d,α) Levels
100-Fm-247
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-247

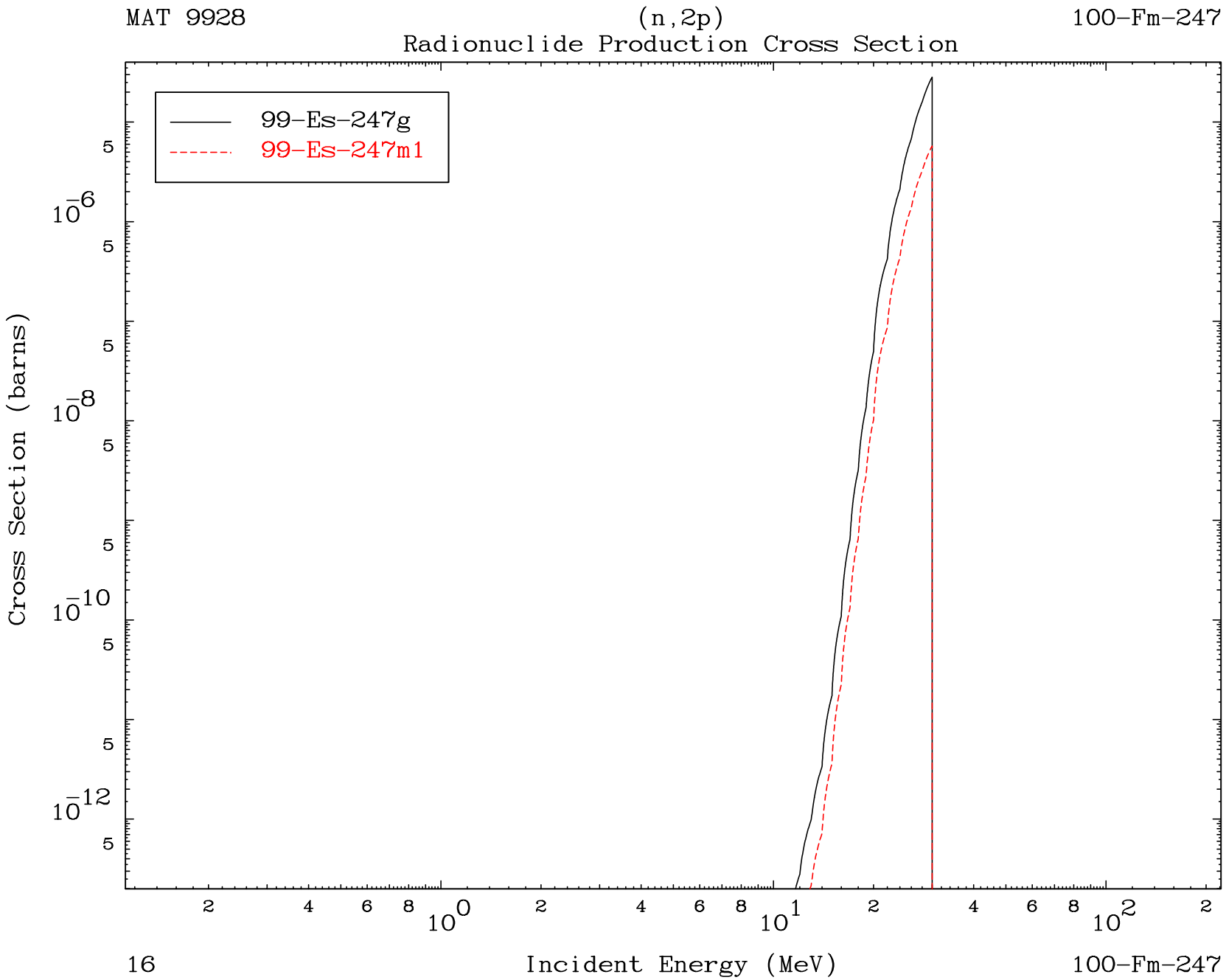

MAT 9928
(n,3n)
100-Fm-247
Radionuclide Production Cross Section
101-Md-246g
101-Md-246m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
11
100-Fm-247


MAT 9928
Fission
100-Fm-247
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
100-Fm-247


MAT 9928
(n,n') p
100-Fm-247
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
13
100-Fm-247


MAT 9928
(n,γ)
100-Fm-247
Radionuclide Production Cross Section
101-Md-249g
101-Md-249m1
Cross Section (barns)
Incident Energy (MeV)
14
100-Fm-247


MAT 9928
(n,d)
100-Fm-247
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
Incident Energy (MeV)
15
100-Fm-247


MAT 9928
(n,2p)
100-Fm-247
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
16
100-Fm-247