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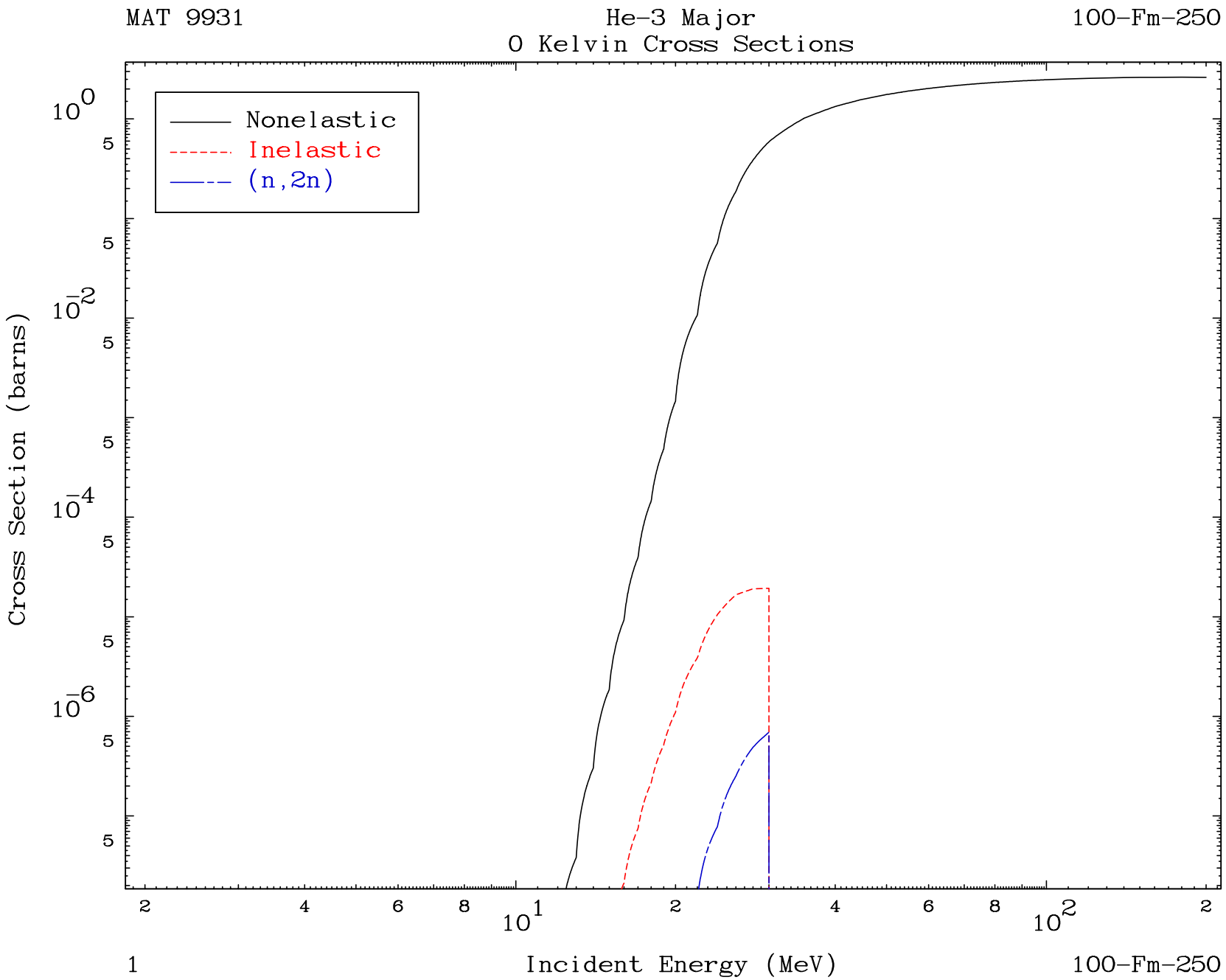
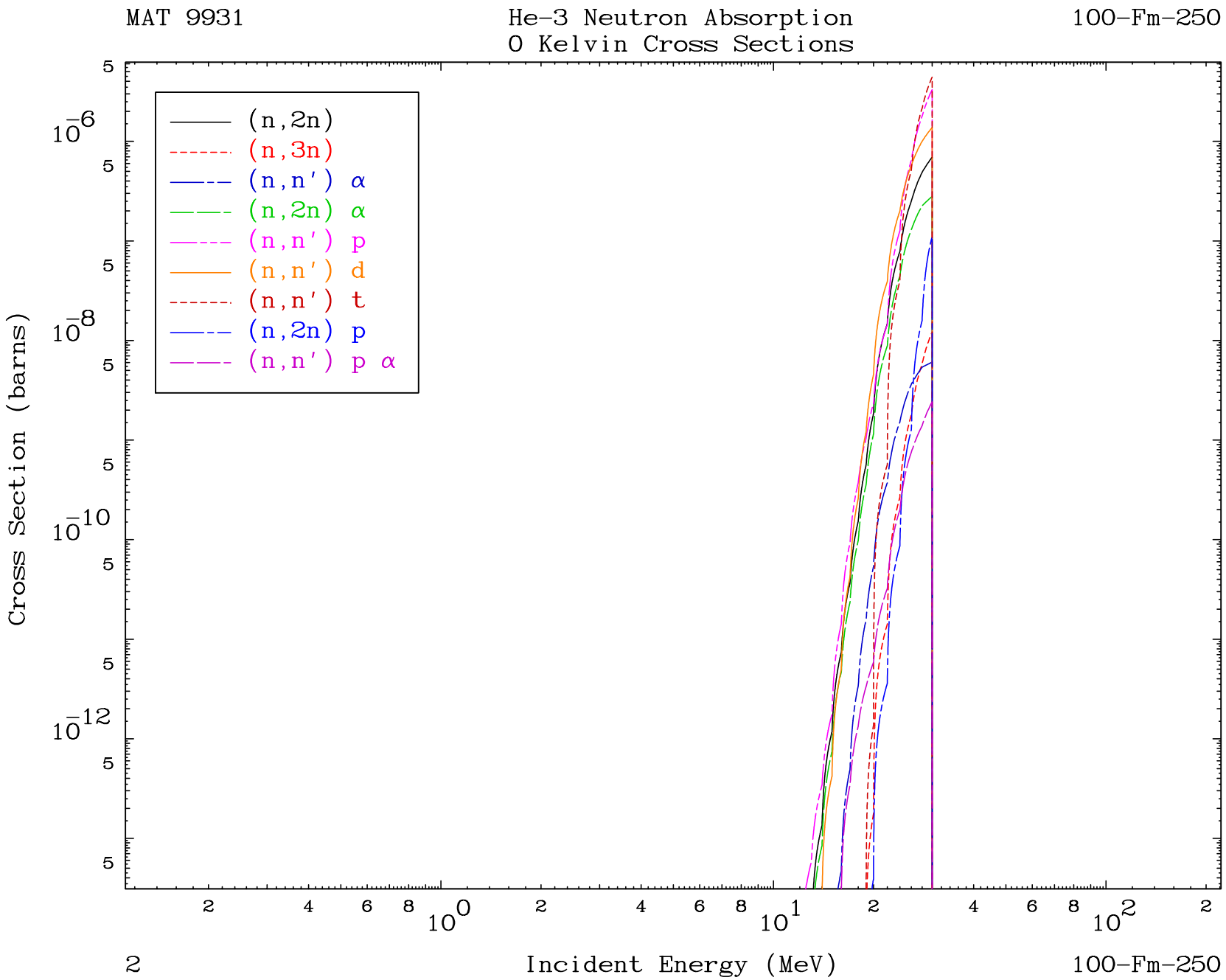
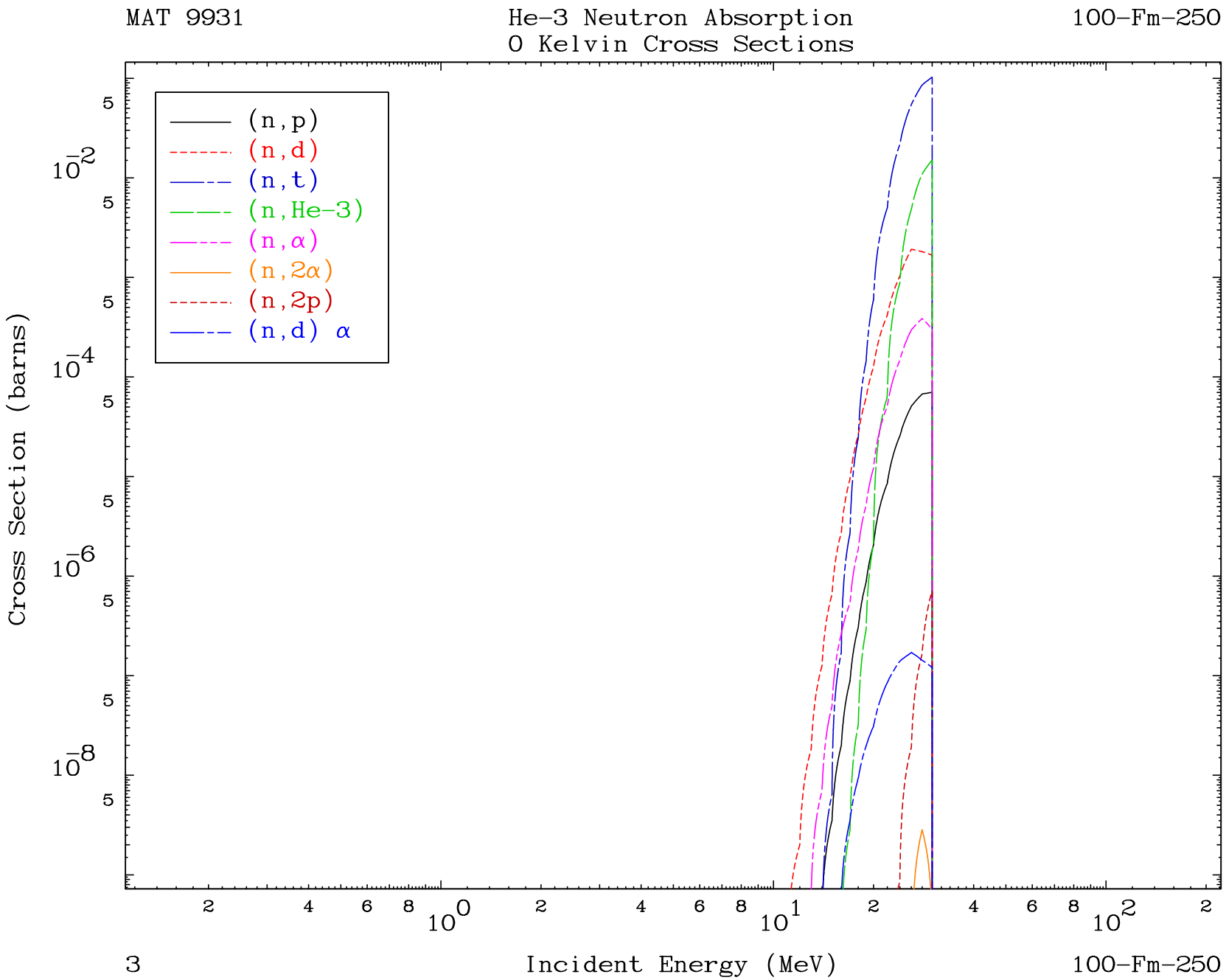
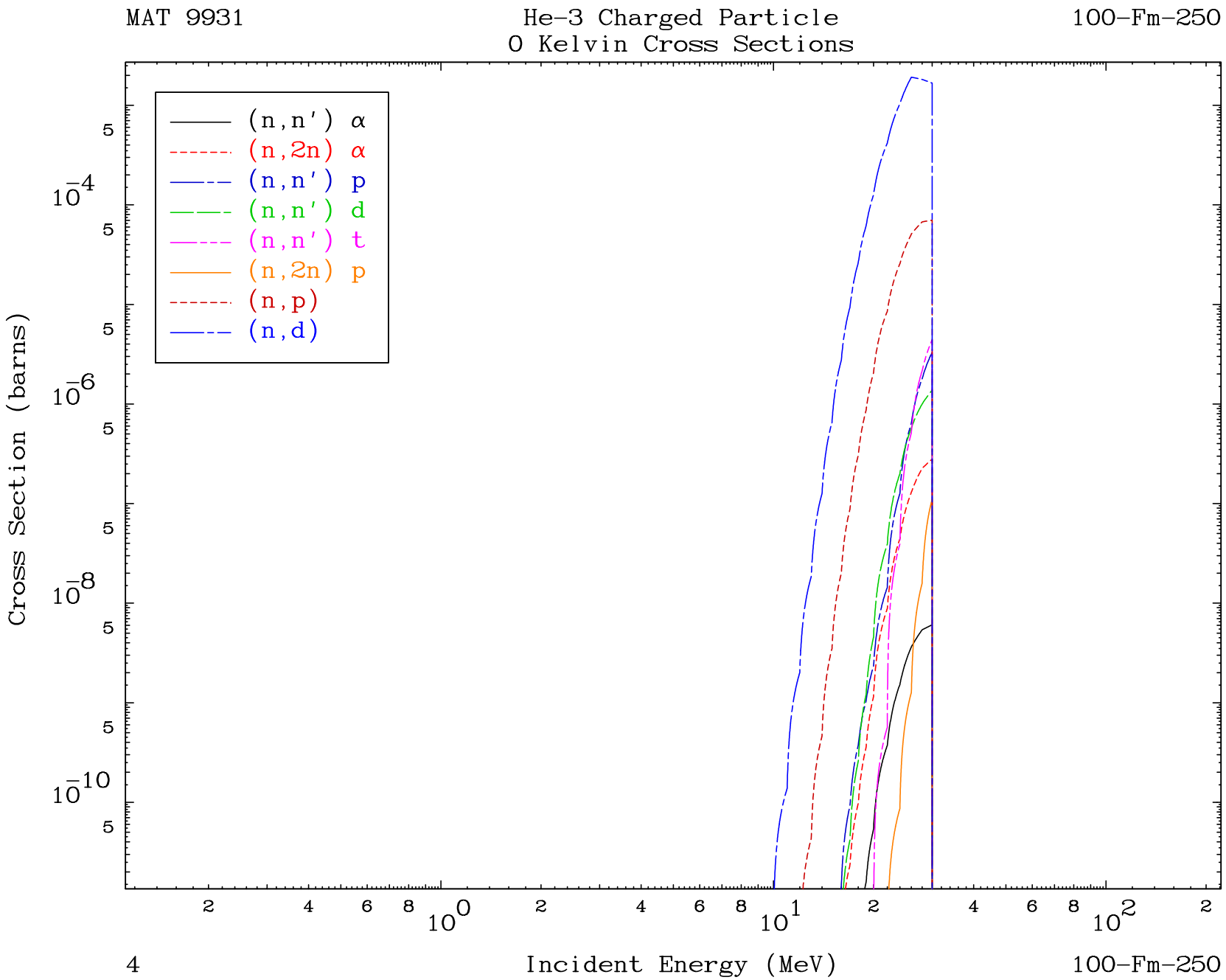
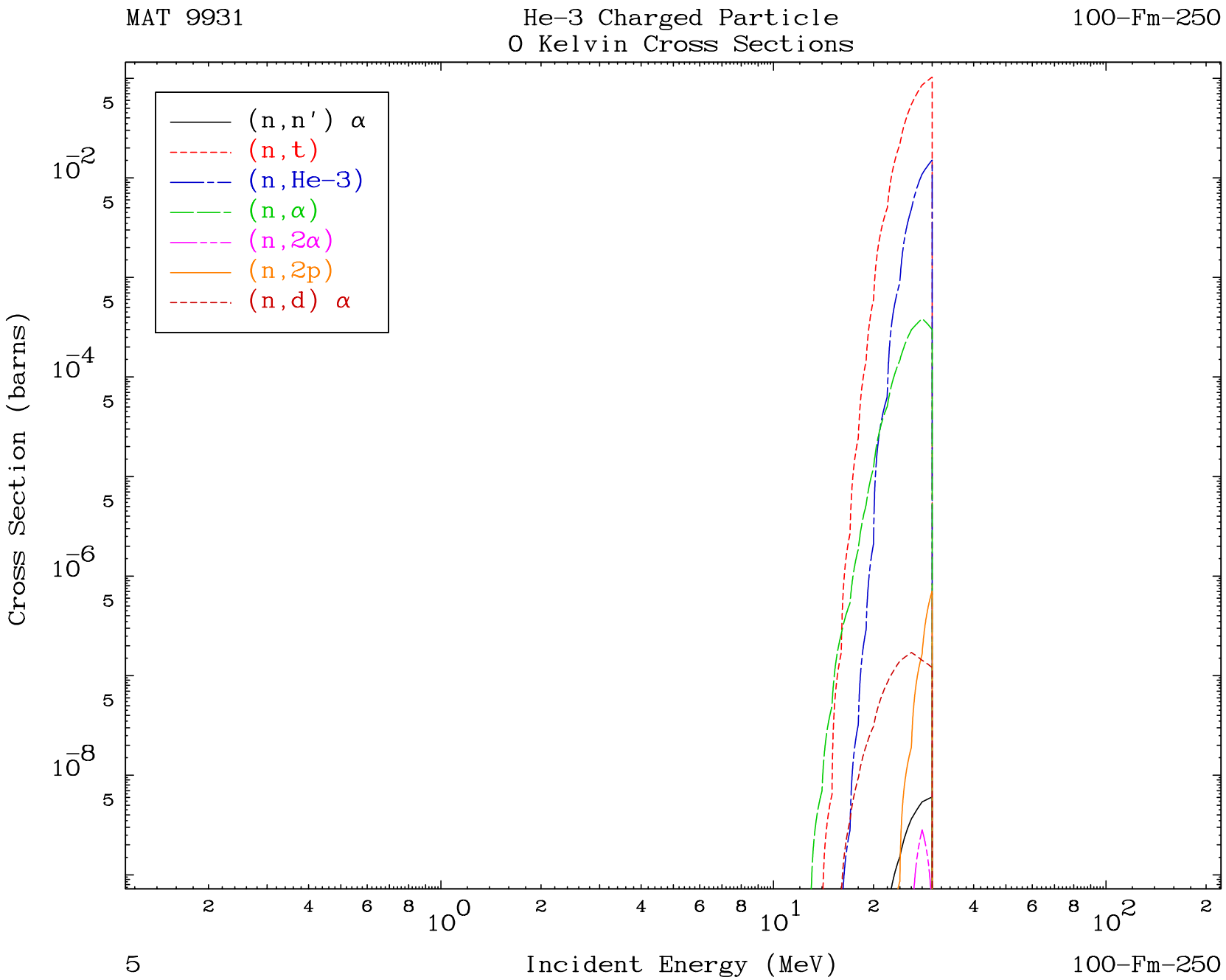
Press Mouse Button to Start

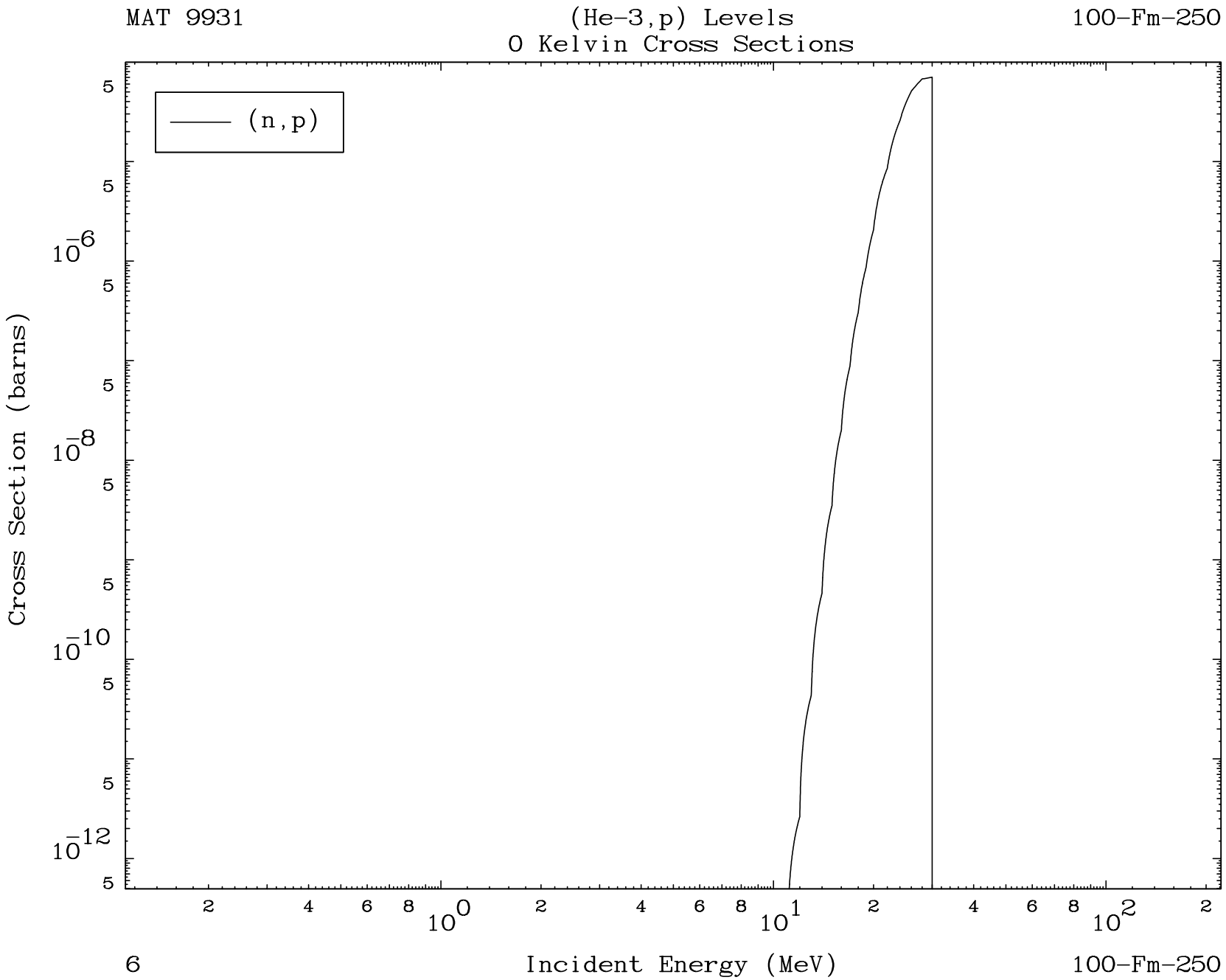

MAT 9931
He-3 Major
0 Kelvin Cross Sections
100-Fm-250
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-250

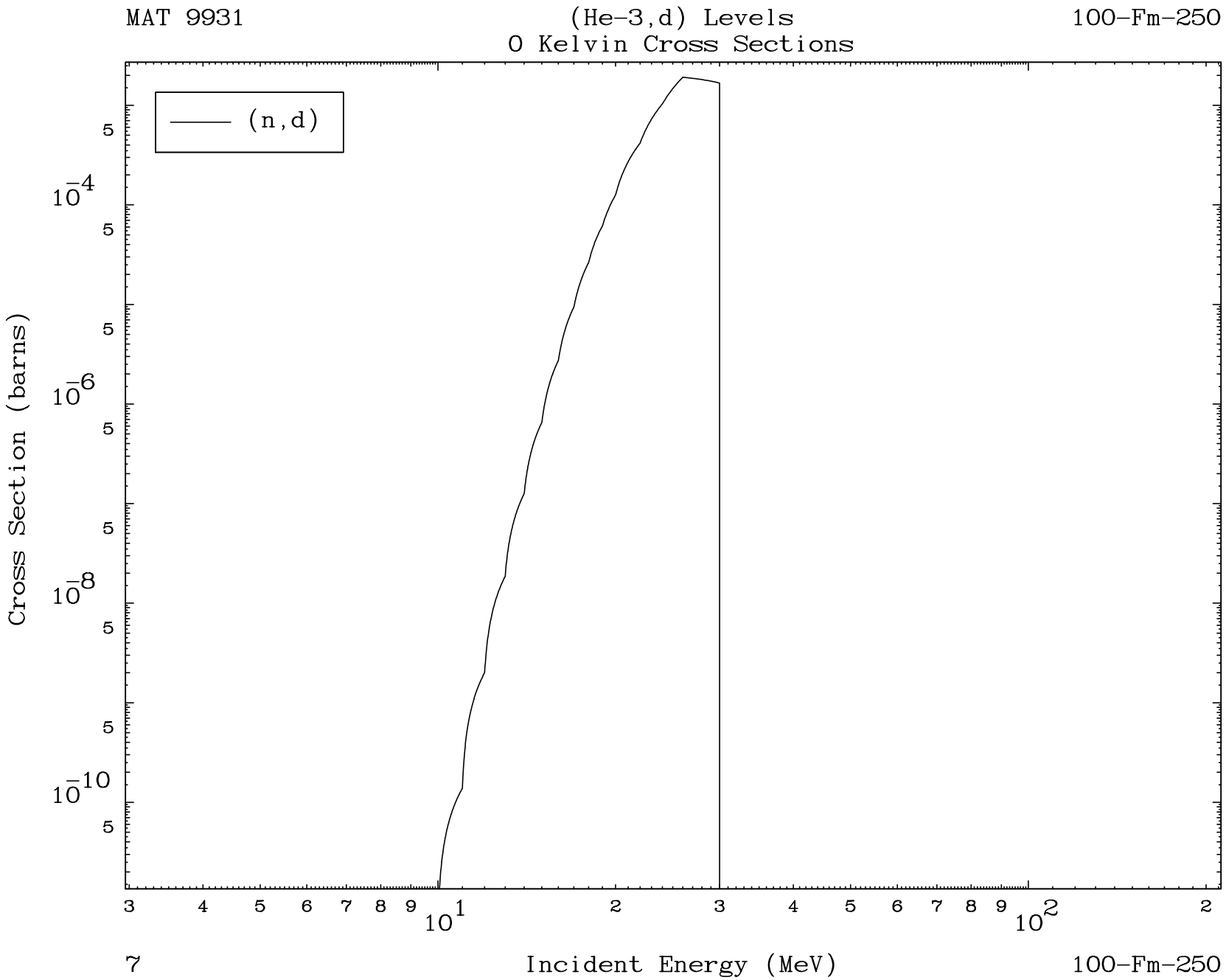

MAT 9931
He-3 Neutron Absorption
0 Kelvin Cross Sections
100-Fm-250
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,n') p α
Cross Section (barns)
Incident Energy (MeV)
100-Fm-250

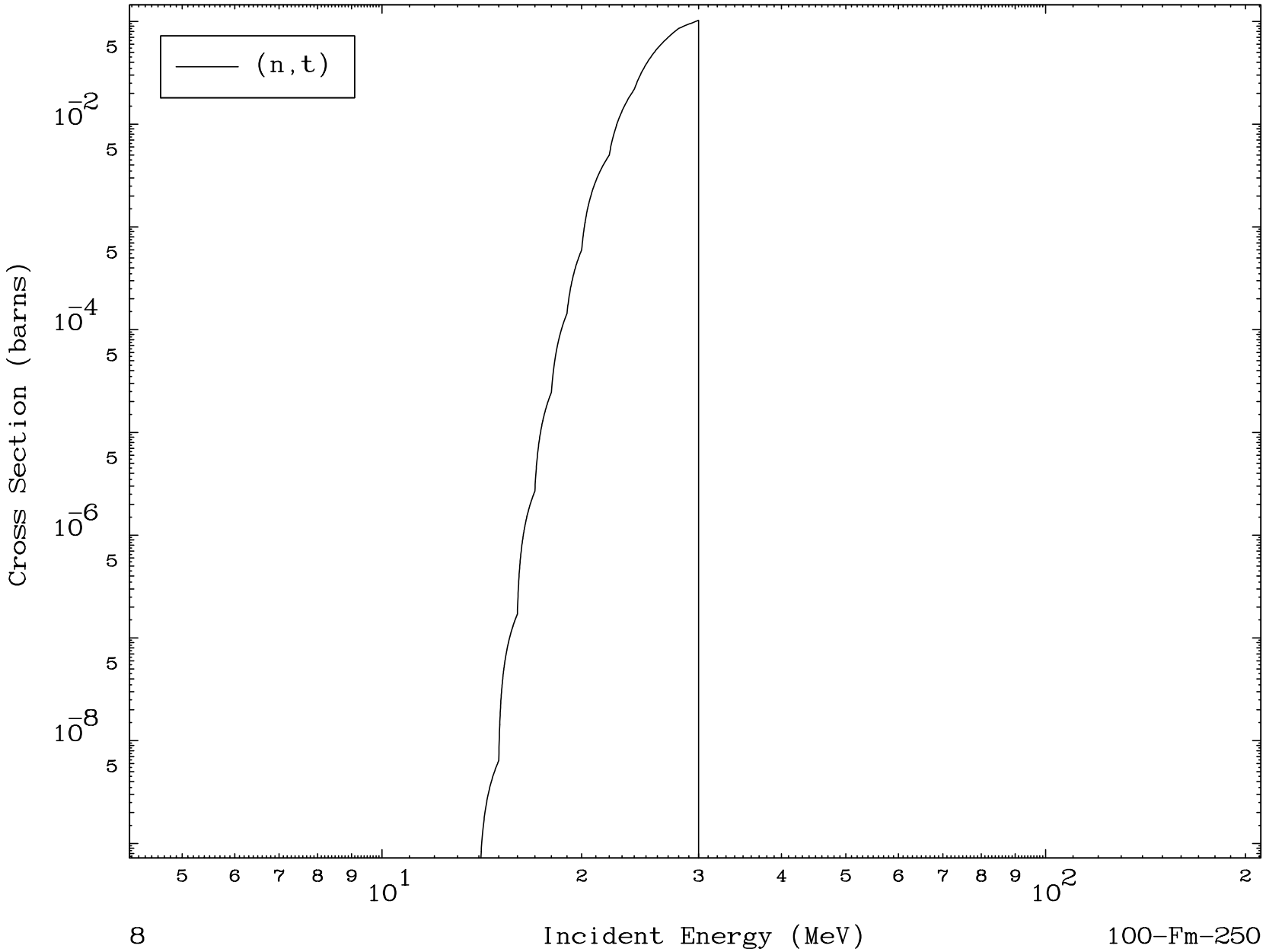

MAT 9931
He-3 Neutron Absorption
0 Kelvin Cross Sections
100-Fm-250
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
100-Fm-250

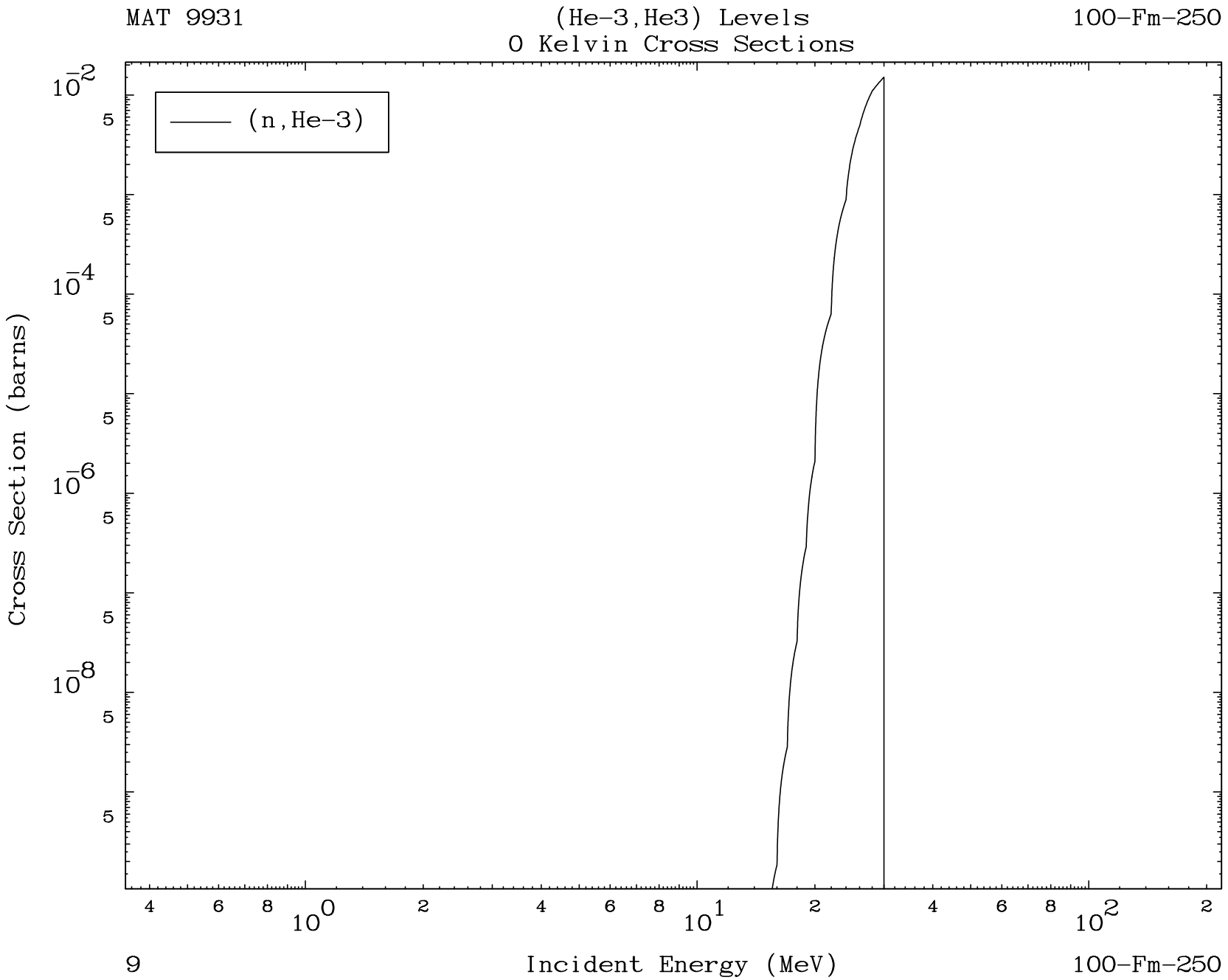

MAT 9931
He-3 Charged Particle
0 Kelvin Cross Sections
100-Fm-250
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
100-Fm-250

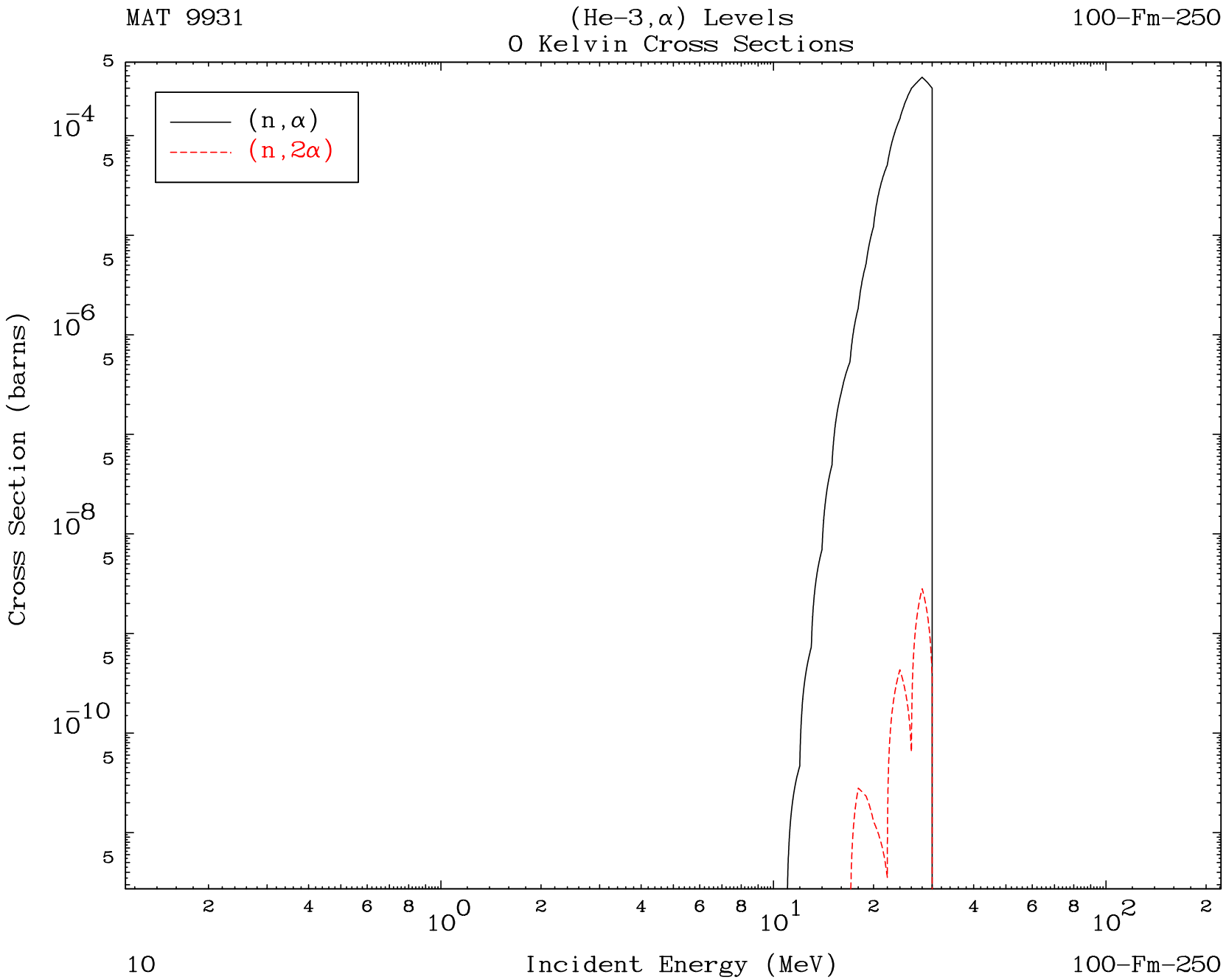

MAT 9931
He-3 Charged Particle
0 Kelvin Cross Sections
100-Fm-250
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
100-Fm-250
5

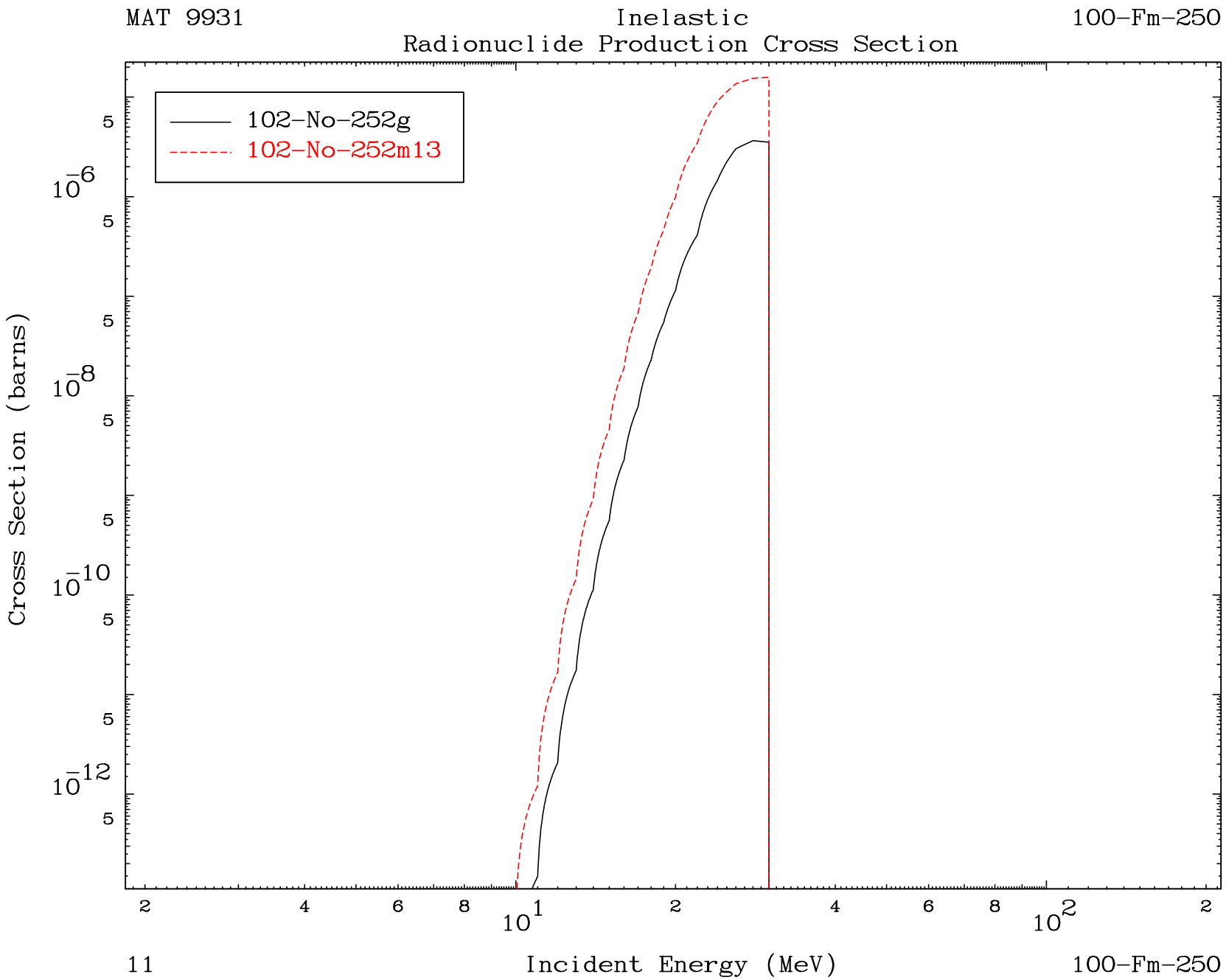

MAT 9931
(He-3,p) Levels
0 Kelvin Cross Sections
100-Fm-250
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
100-Fm-250

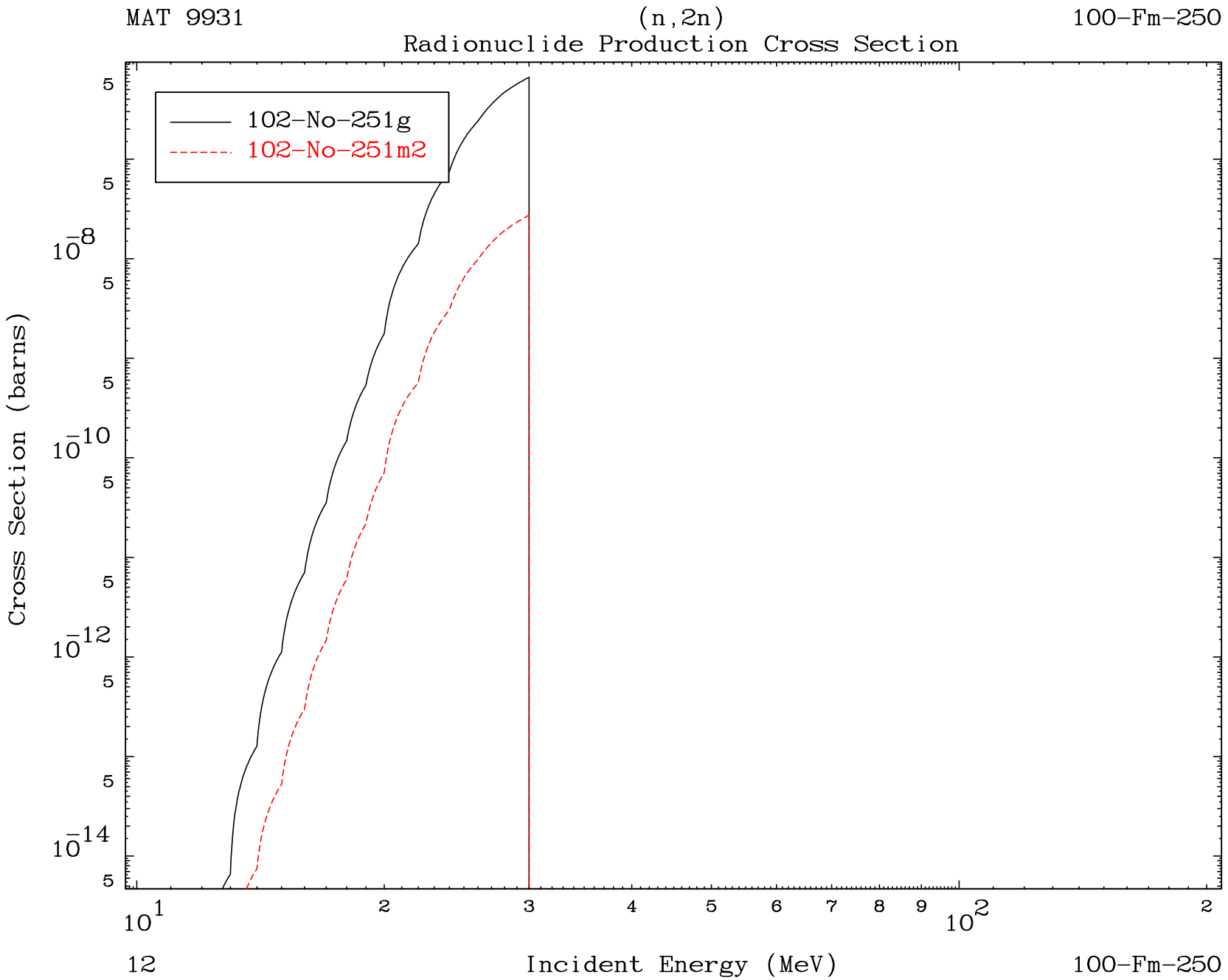

MAT 9931
(He-3,d) Levels
100-Fm-250
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
7
100-Fm-250

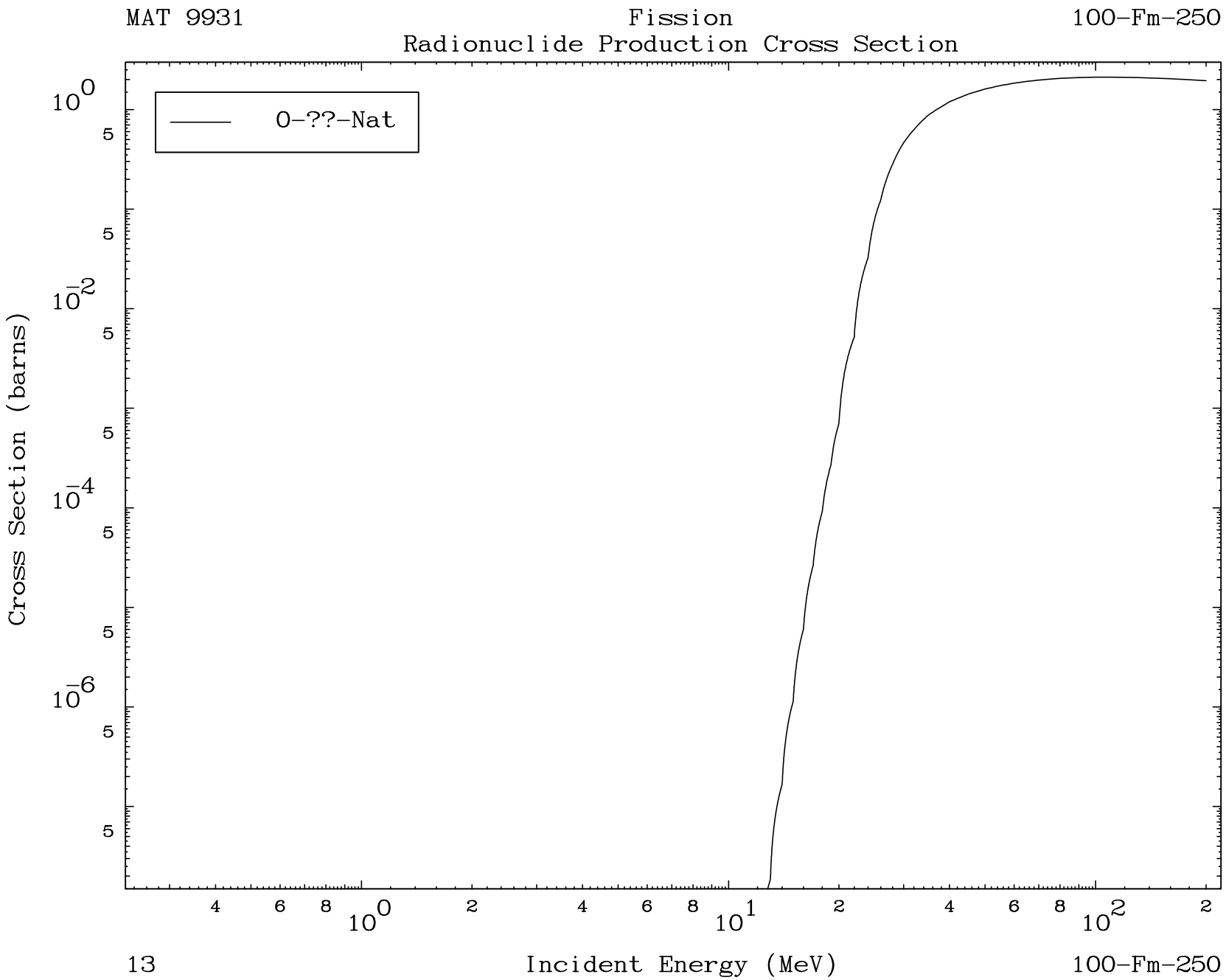

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
5 6 7 8 9 10 1
2 3 4 5 6 7 8 9 10 2
2
Incident Energy (MeV)

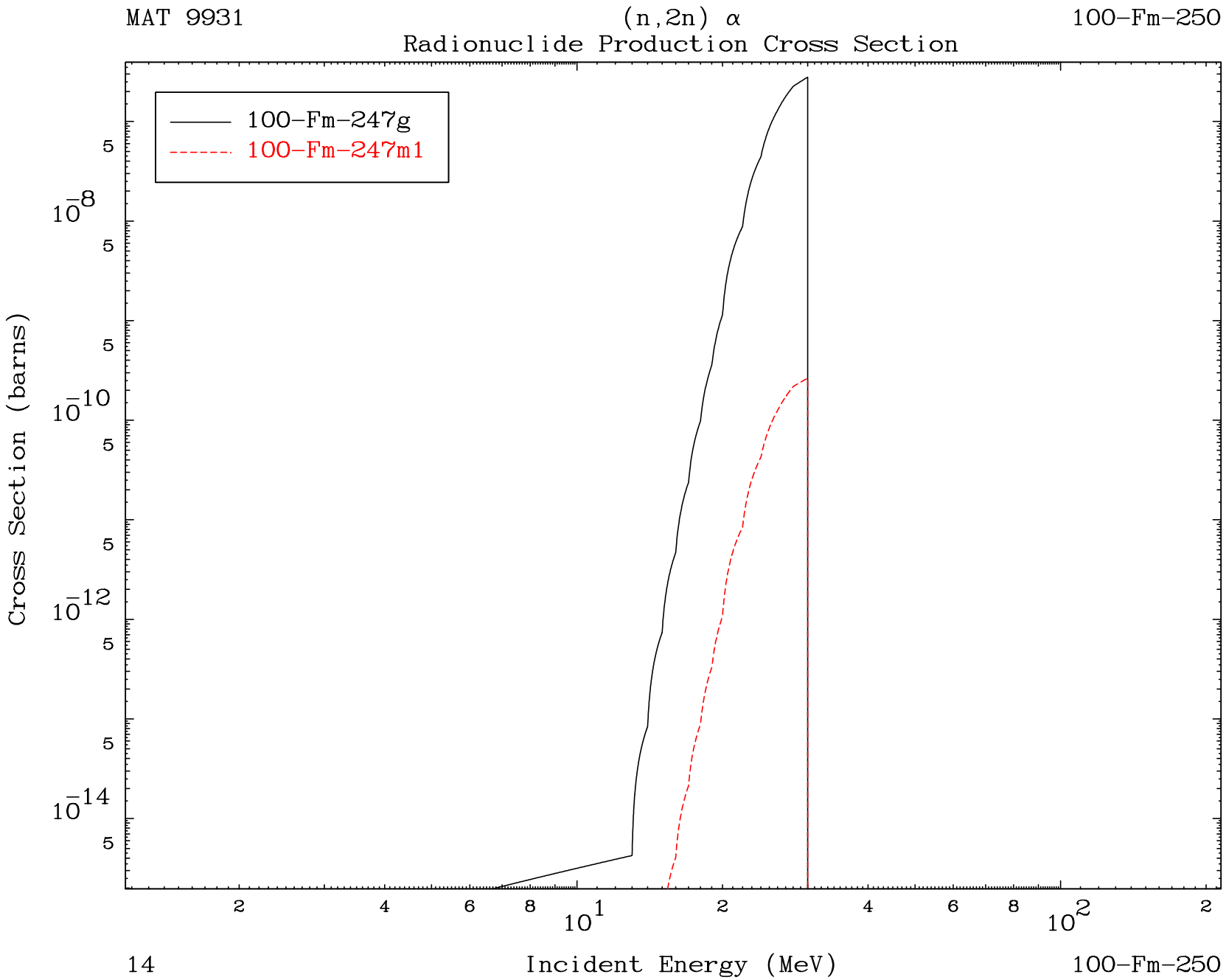

MAT 9931
(He-3,He3) Levels
100-Fm-250
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
9
100-Fm-250

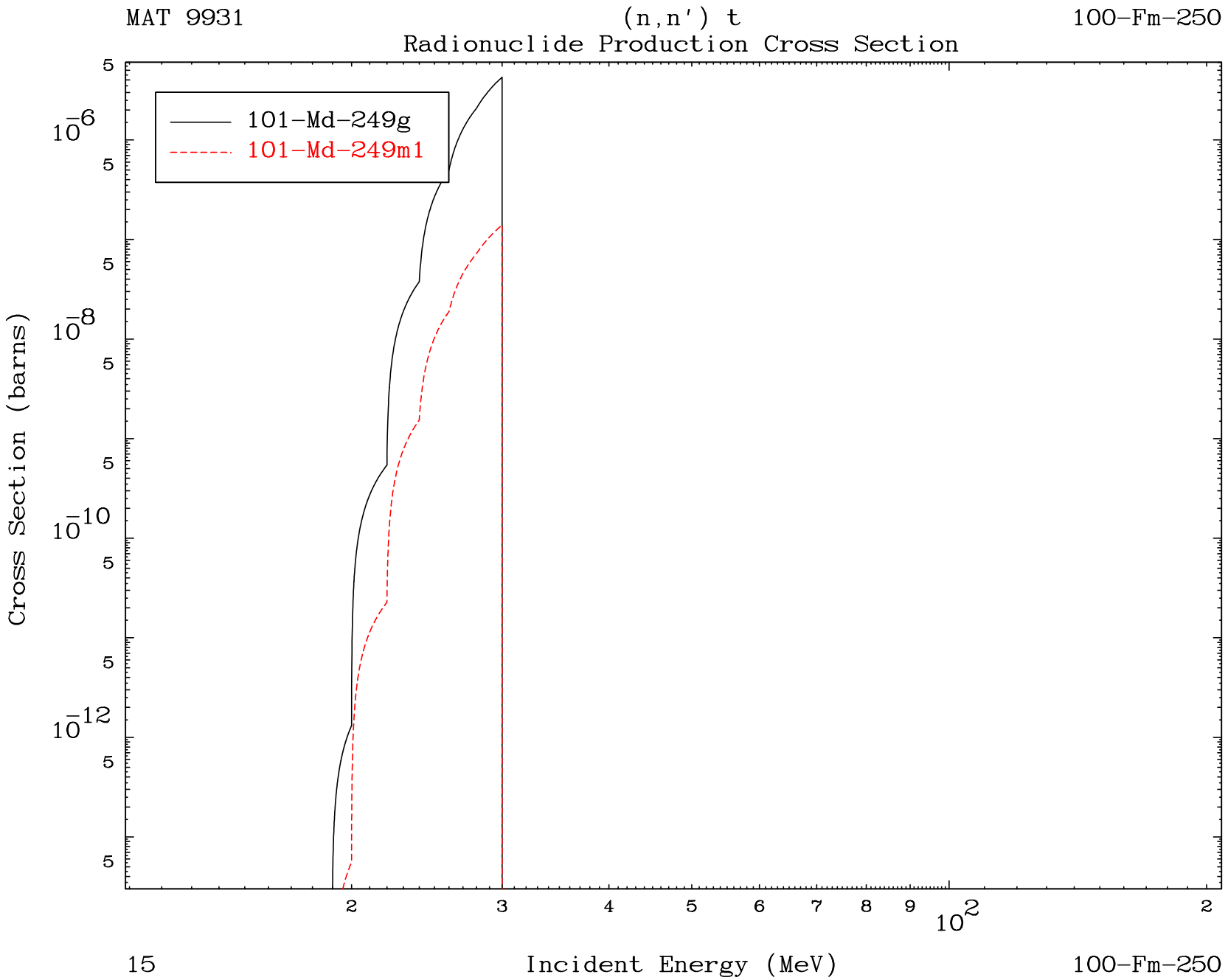

MAT 9931
(He-3,α) Levels
0 Kelvin Cross Sections
100-Fm-250
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
100-Fm-250

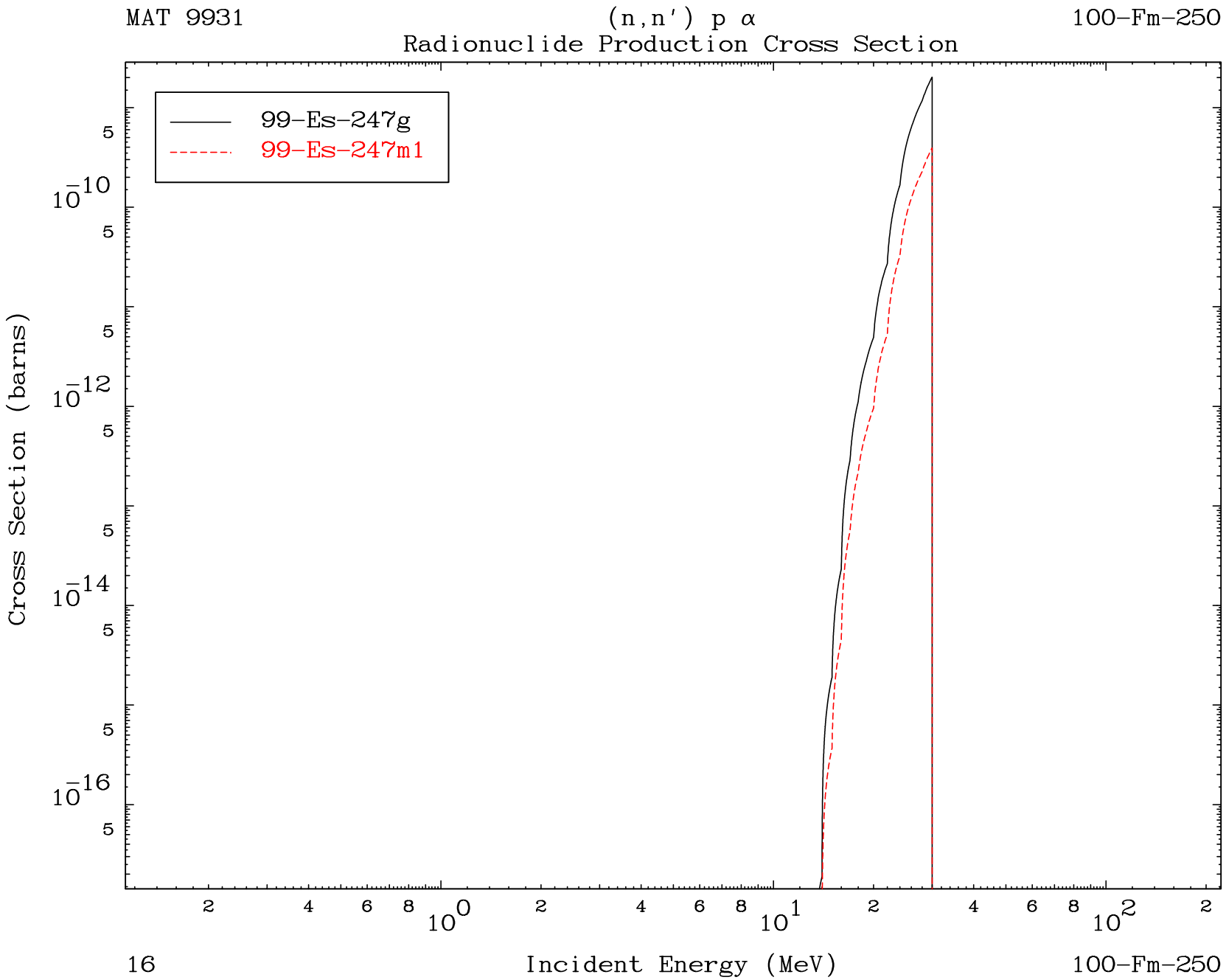

MAT 9931
Inelastic
100-Fm-250
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
Incident Energy (MeV)
11
100-Fm-250

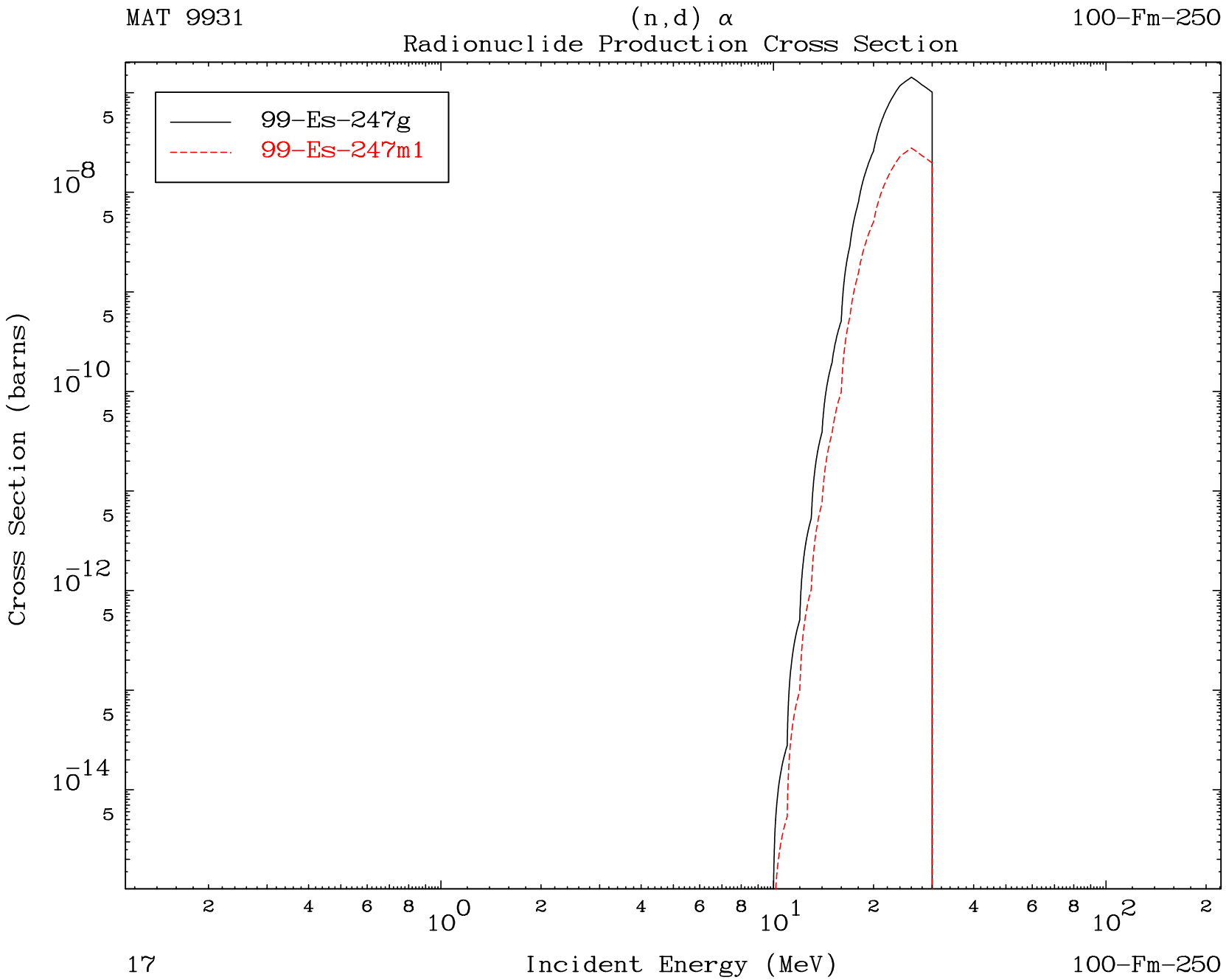

MAT 9931
(n,2n)
100-Fm-250
Radionuclide Production Cross Section
102-No-251g
102-No-251m2
Cross Section (barns)
Incident Energy (MeV)
100-Fm-250
12


MAT 9931
Fission
100-Fm-250
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
13
100-Fm-250


MAT 9931
(n,2n) α
100-Fm-250
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
4
6
8
101
102
14
Incident Energy (MeV)
100-Fm-250


MAT 9931
(n,n') t
100-Fm-250
Radionuclide Production Cross Section
101-Md-249g
101-Md-249m1
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
100-Fm-250


MAT 9931
(n,n') p α
100-Fm-250
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
16
100-Fm-250


MAT 9931
(n,d) α
100-Fm-250
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
17
100-Fm-250