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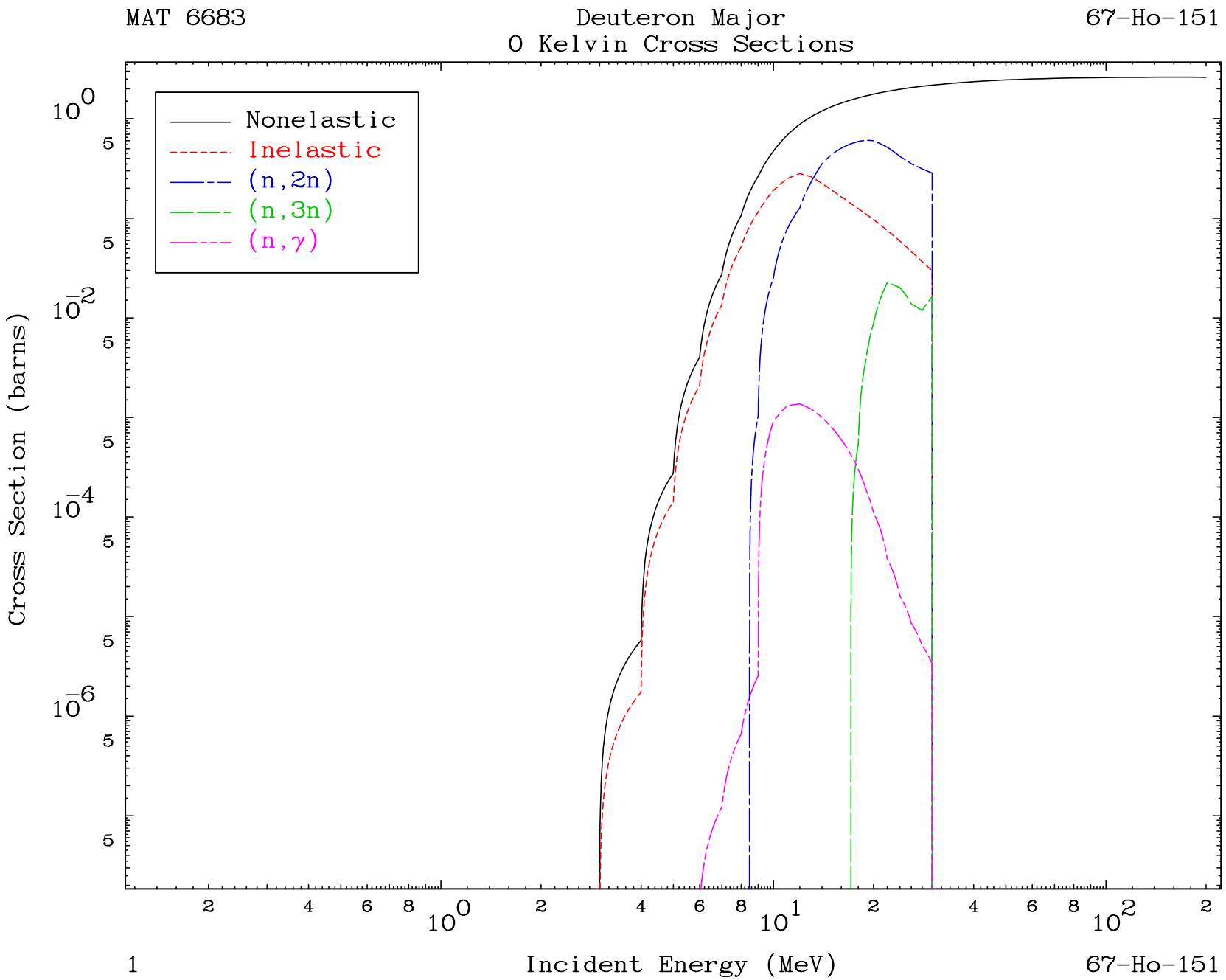
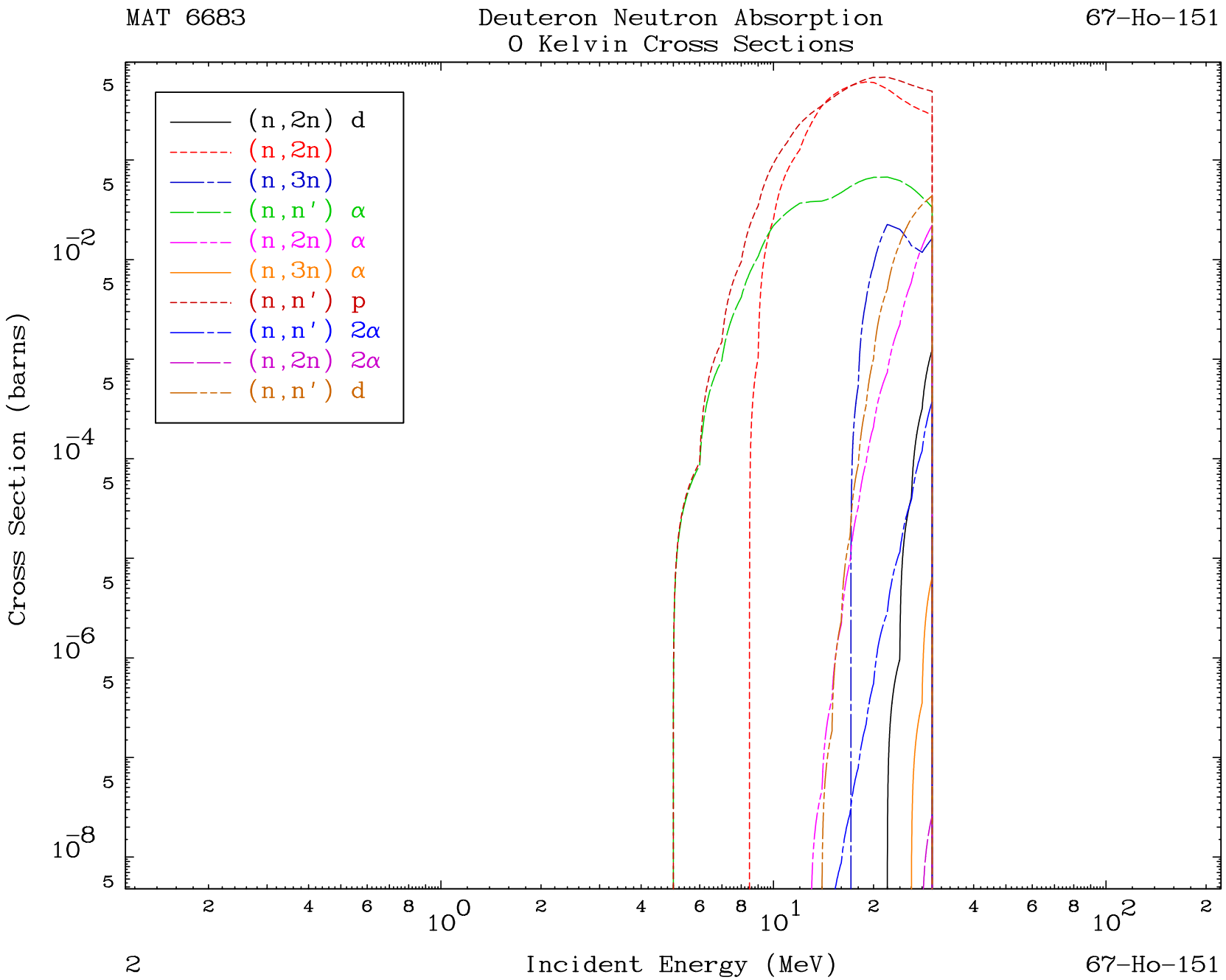
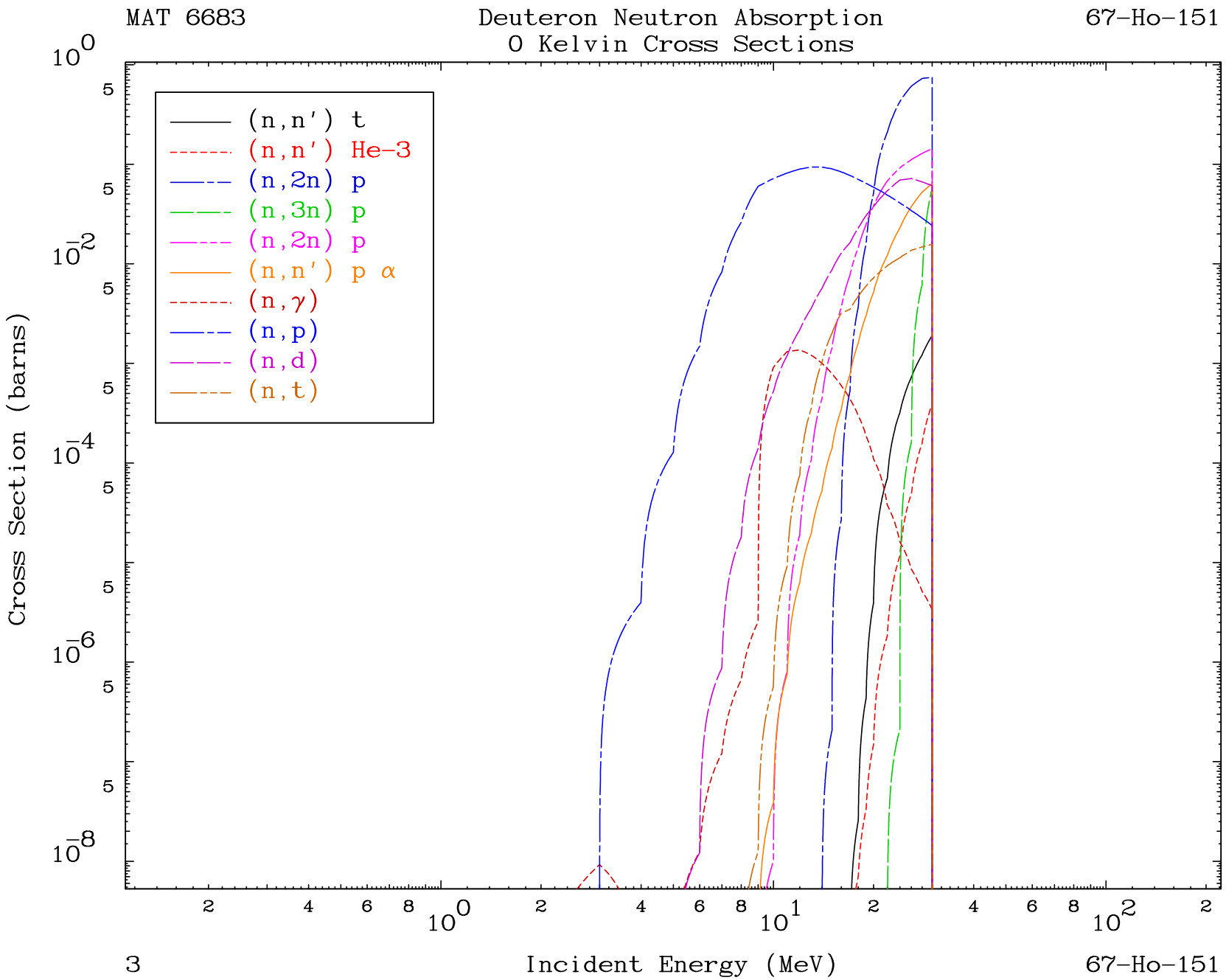
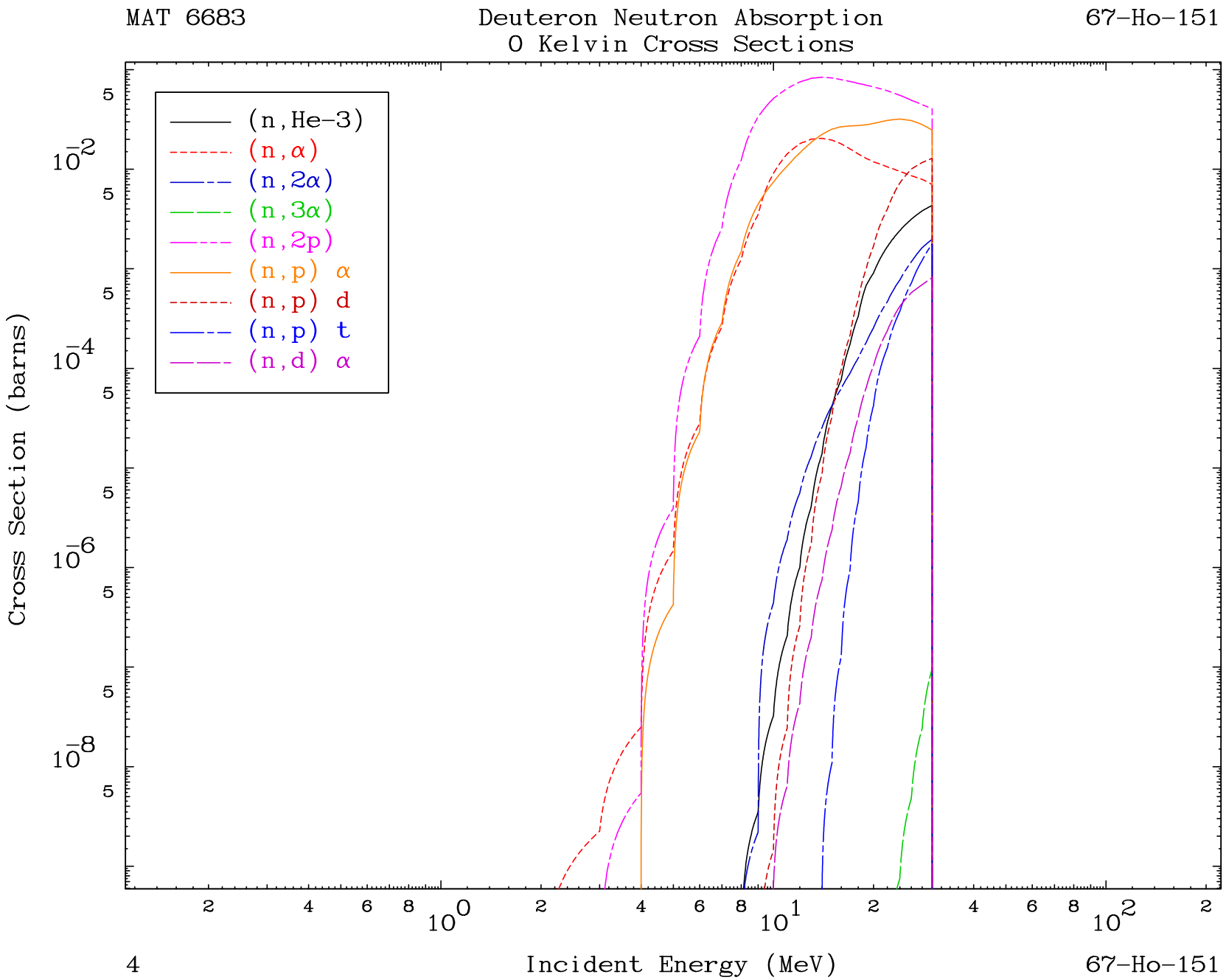
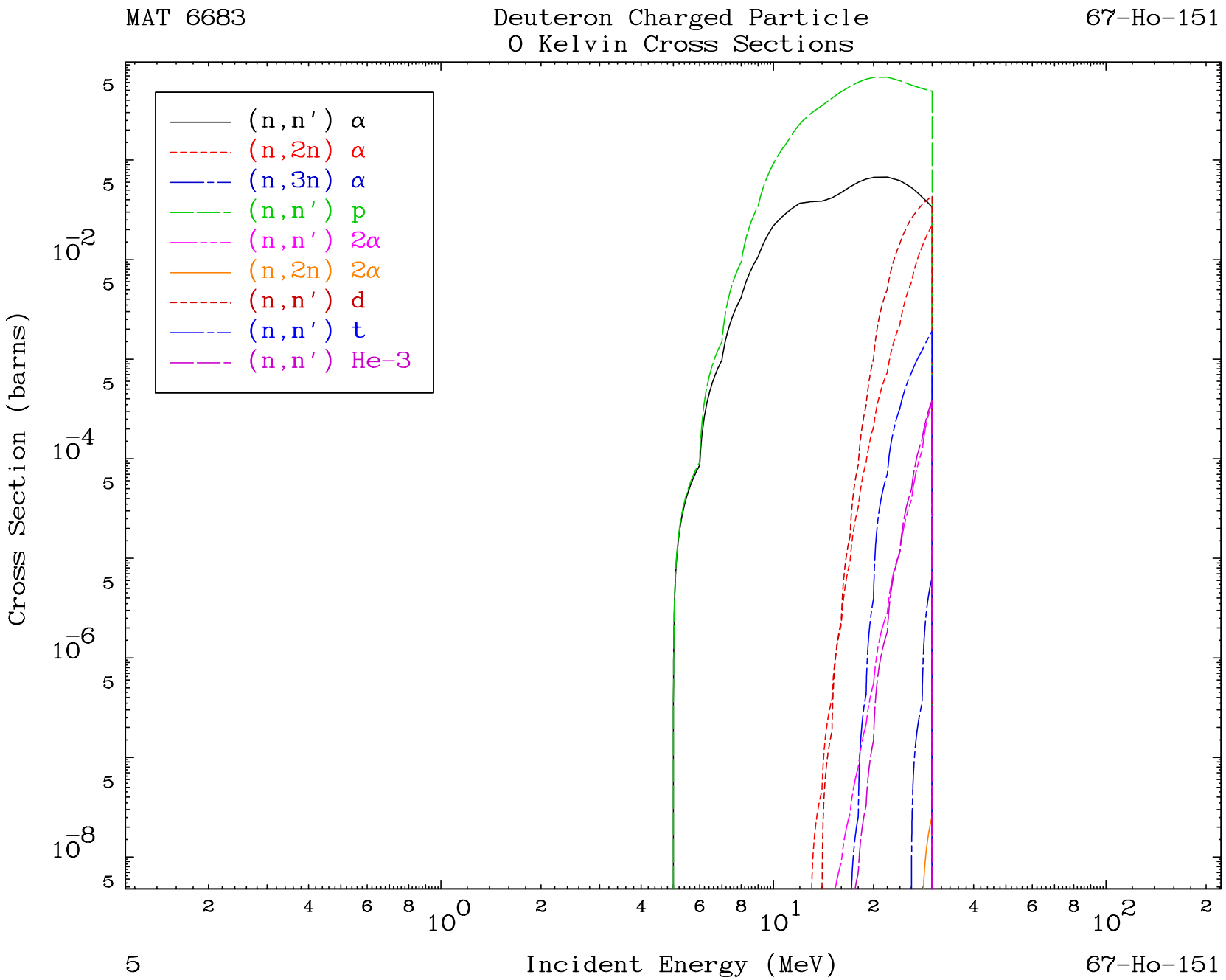
Press Mouse Button to Start

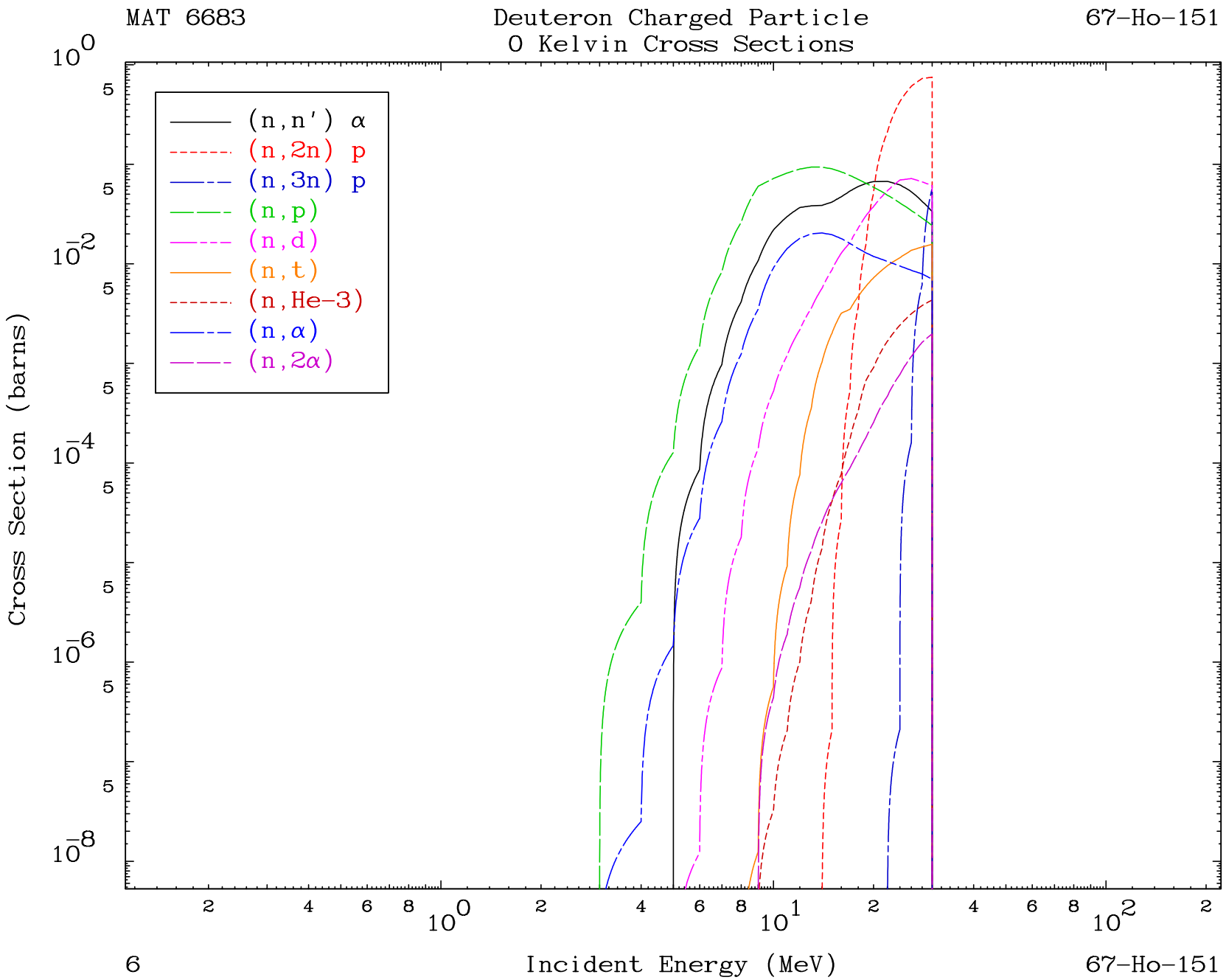

MAT 6683
Deuteron Major
0 Kelvin Cross Sections
67-Ho-151
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-151
1

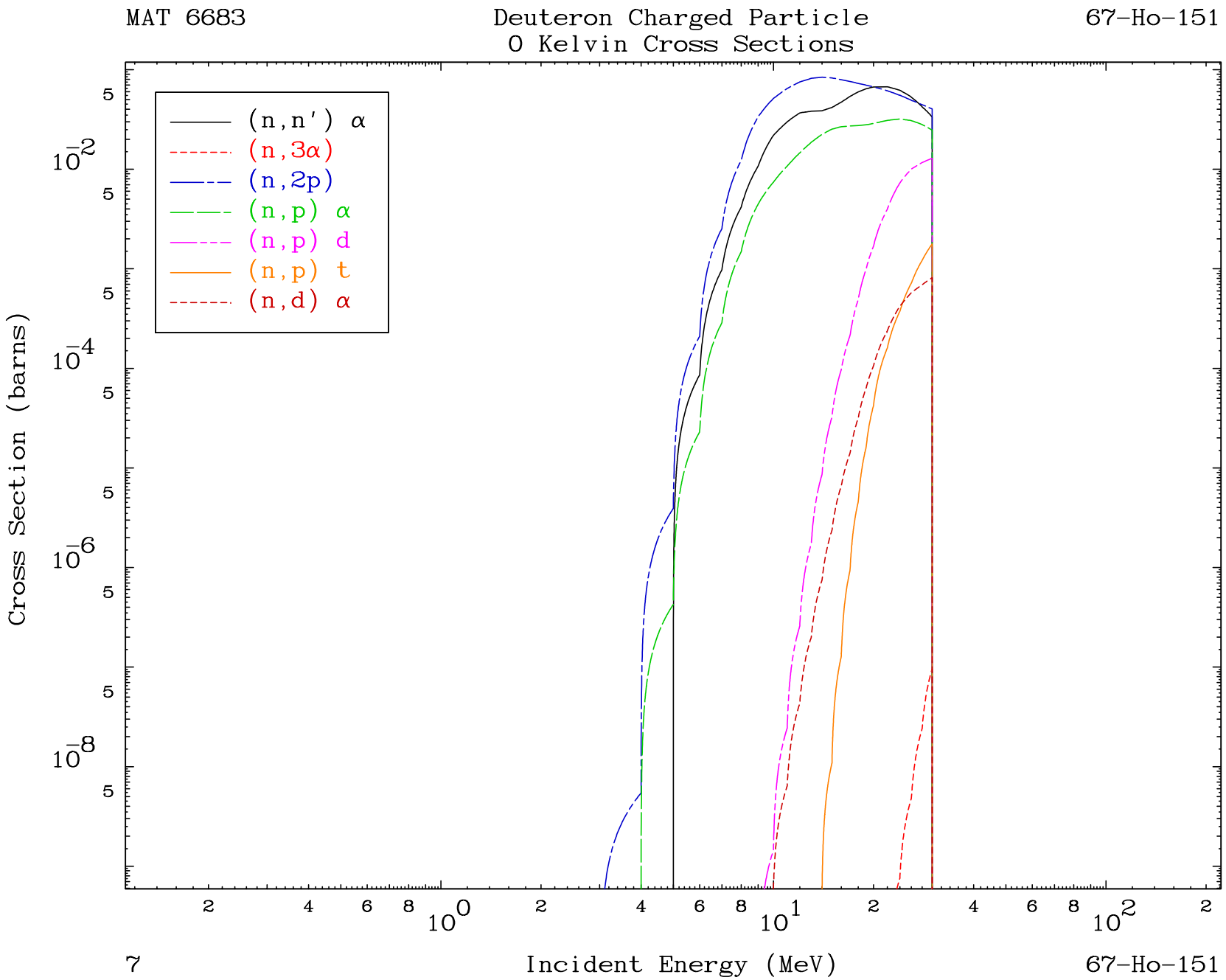

MAT 6683
Deuteron Neutron Absorption
0 Kelvin Cross Sections
67-Ho-151
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
67-Ho-151
2

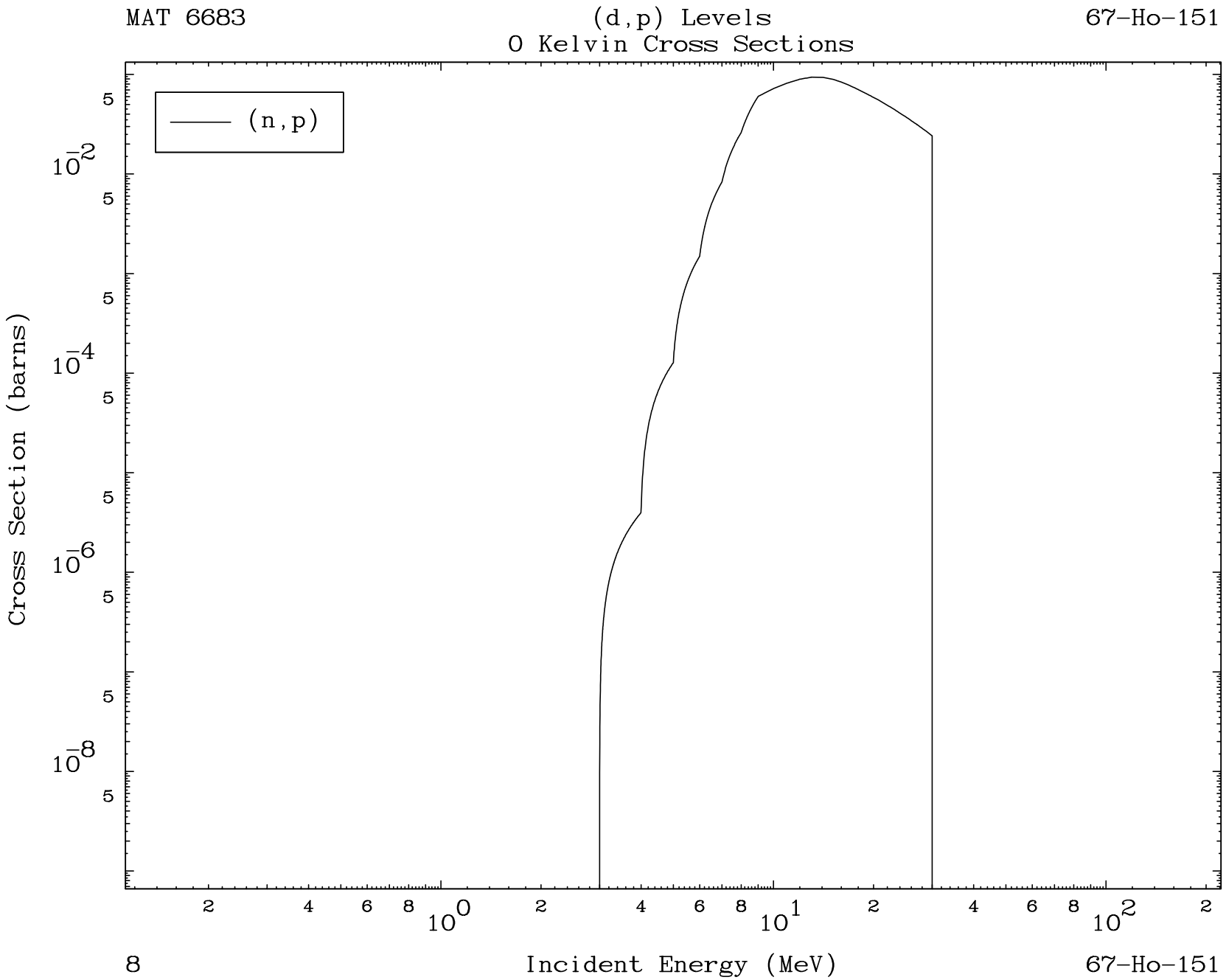

MAT 6683
Deuteron Neutron Absorption
0 Kelvin Cross Sections
67-Ho-151
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-151

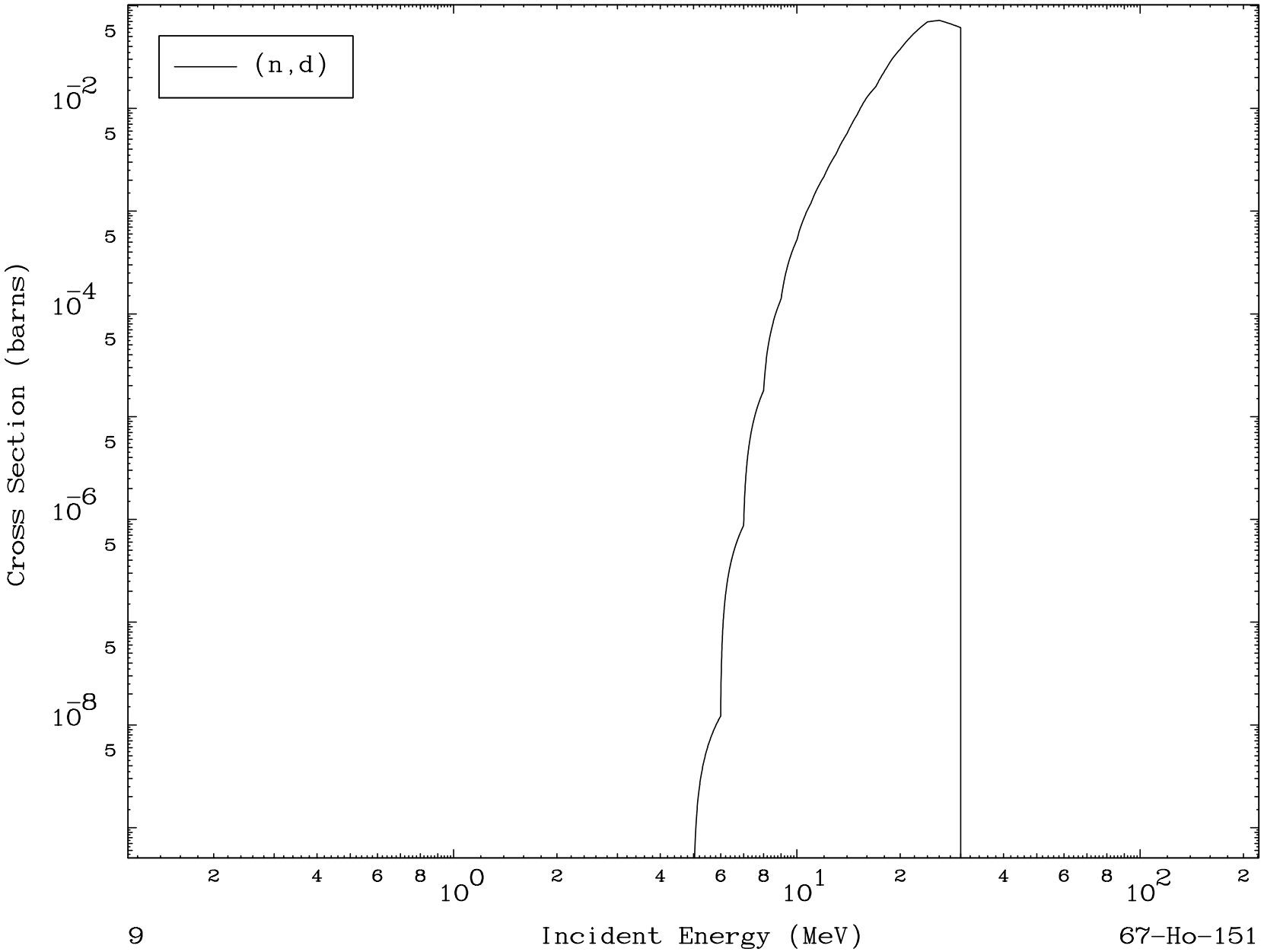

MAT 6683
Deuteron Neutron Absorption
0 Kelvin Cross Sections
67-Ho-151
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
67-Ho-151

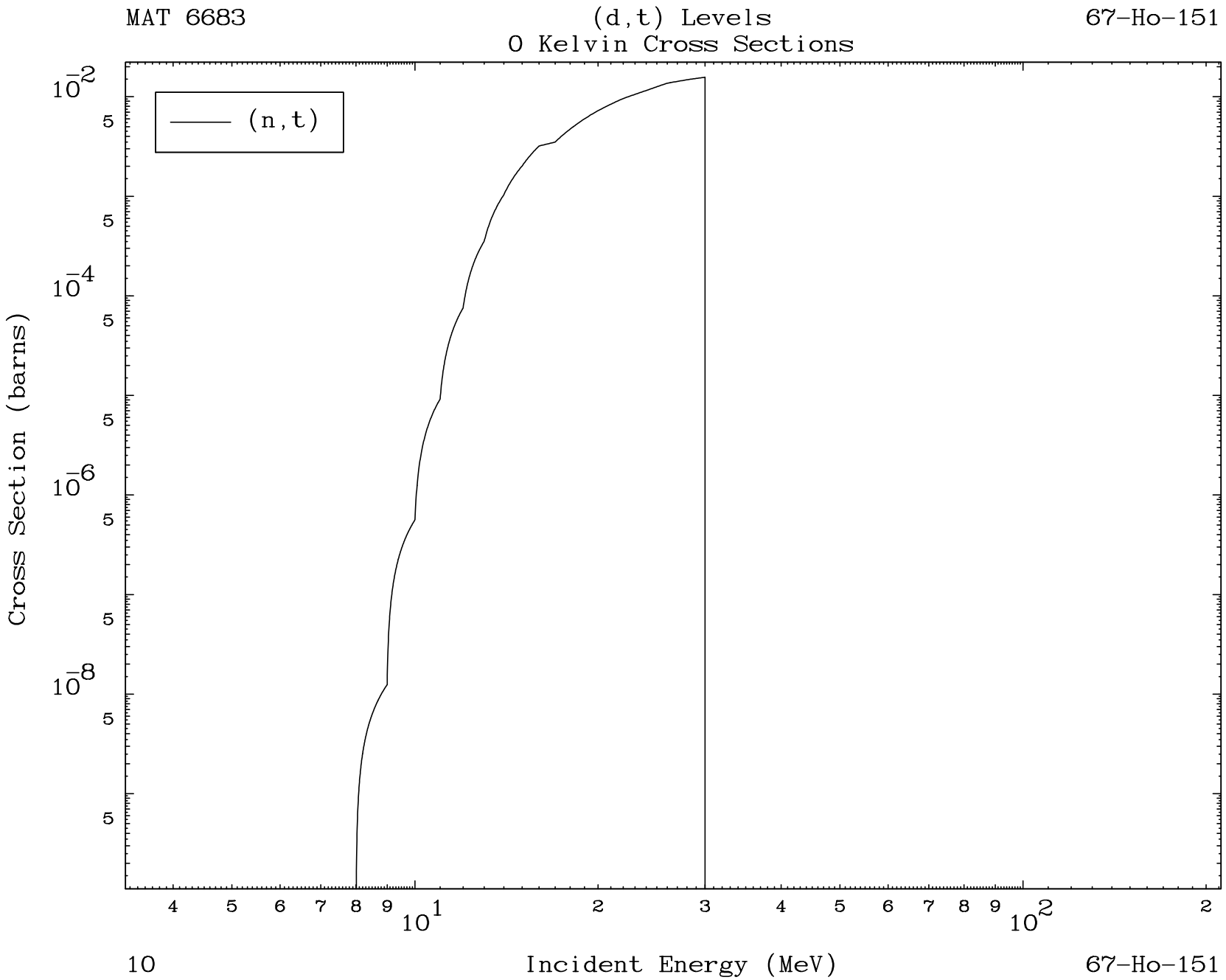

MAT 6683
Deuteron Charged Particle
0 Kelvin Cross Sections
67-Ho-151
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
67-Ho-151

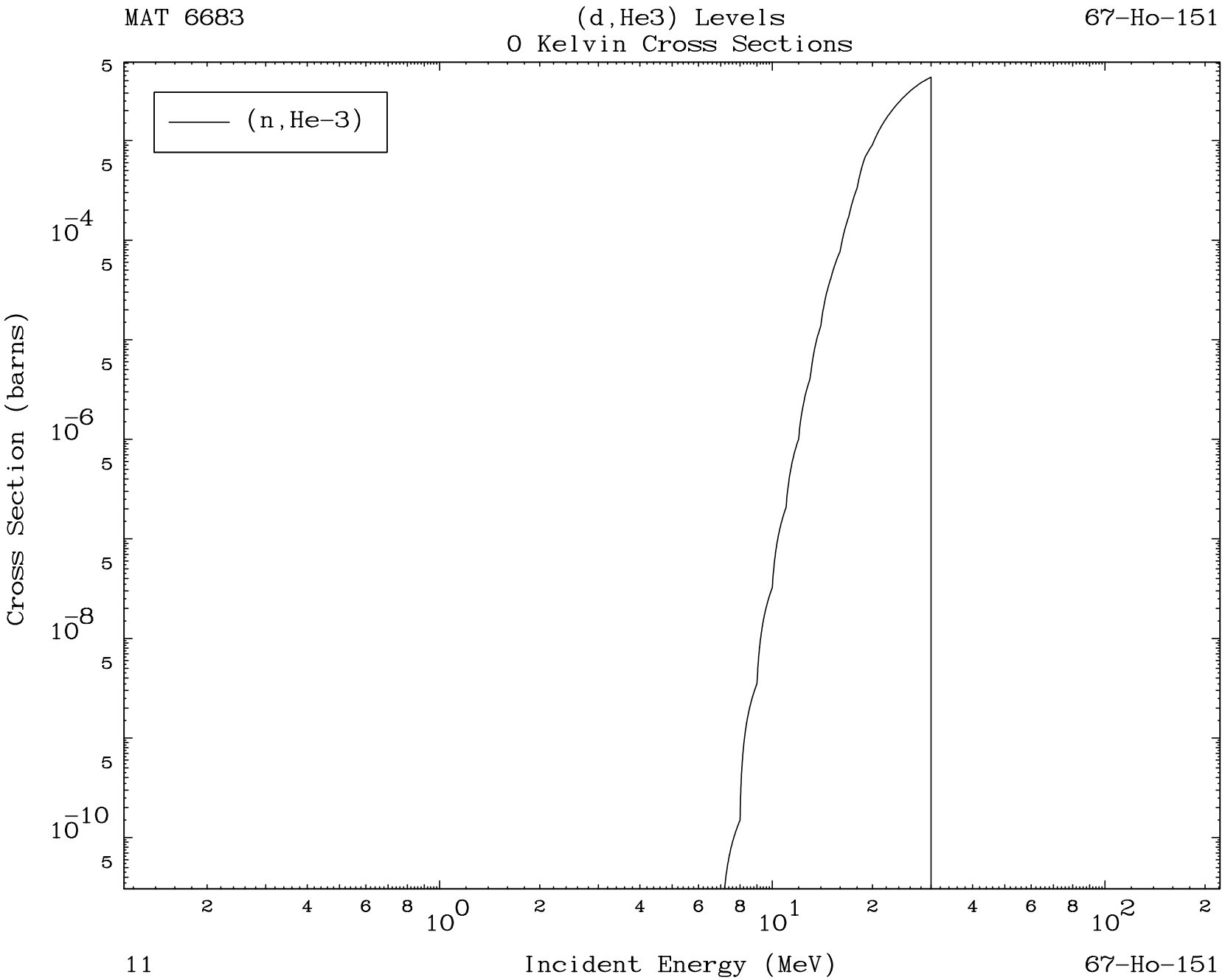

MAT 6683
Deuteron Charged Particle
0 Kelvin Cross Sections
67-Ho-151
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
67-Ho-151

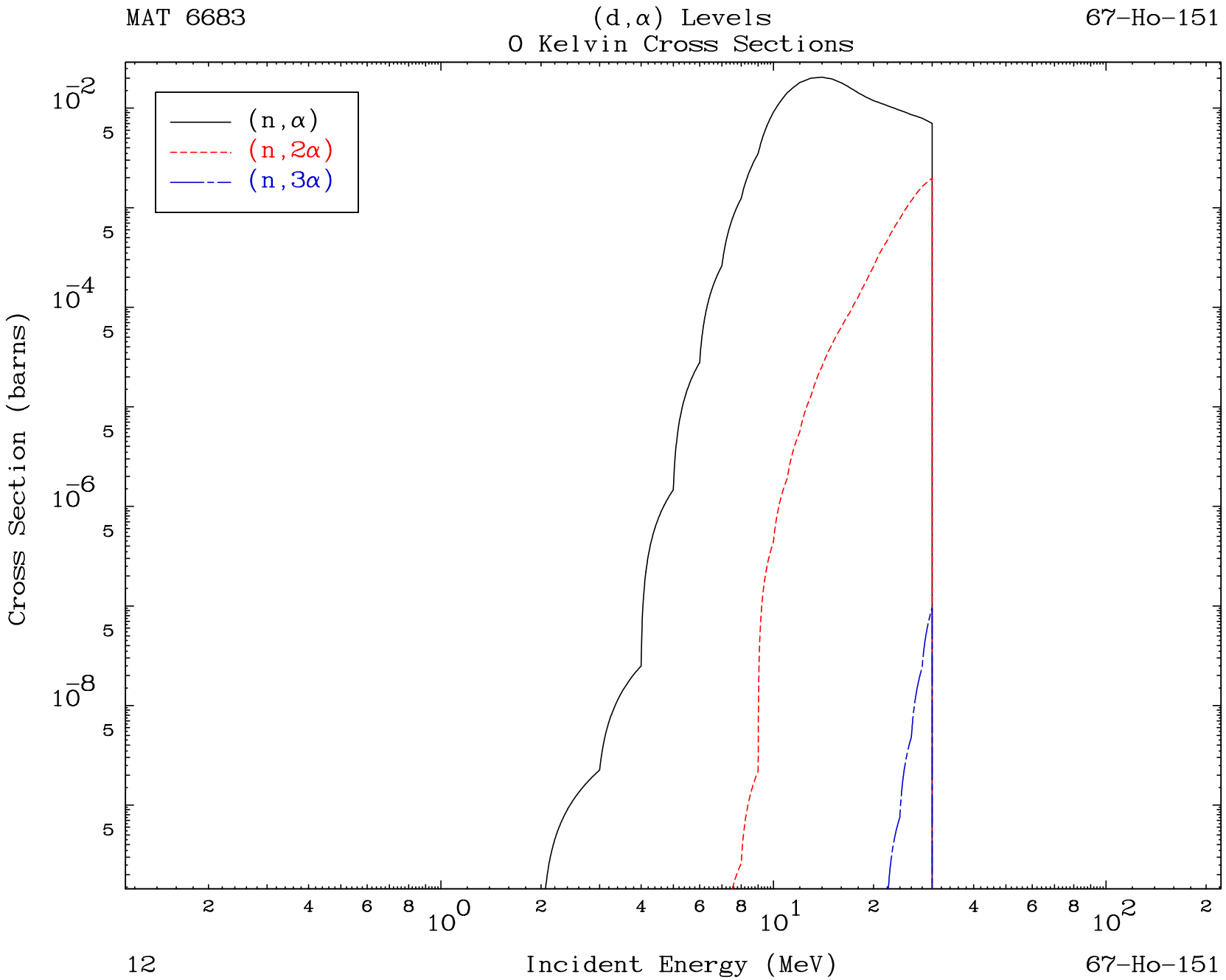

MAT 6683
Deuteron Charged Particle
0 Kelvin Cross Sections
67-Ho-151
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
67-Ho-151

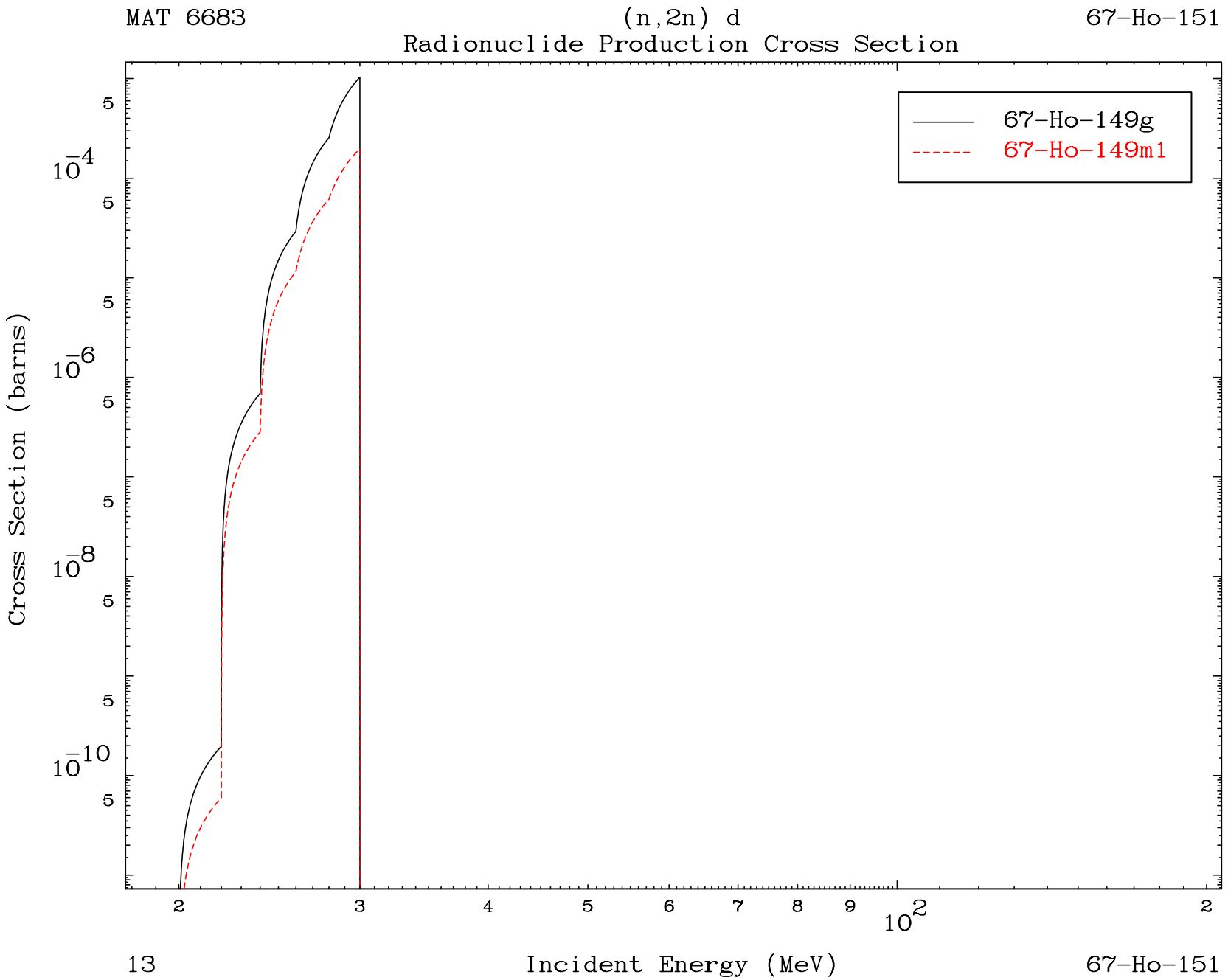

MAT 6683
(d,p) Levels
67-Ho-151
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
67-Ho-151

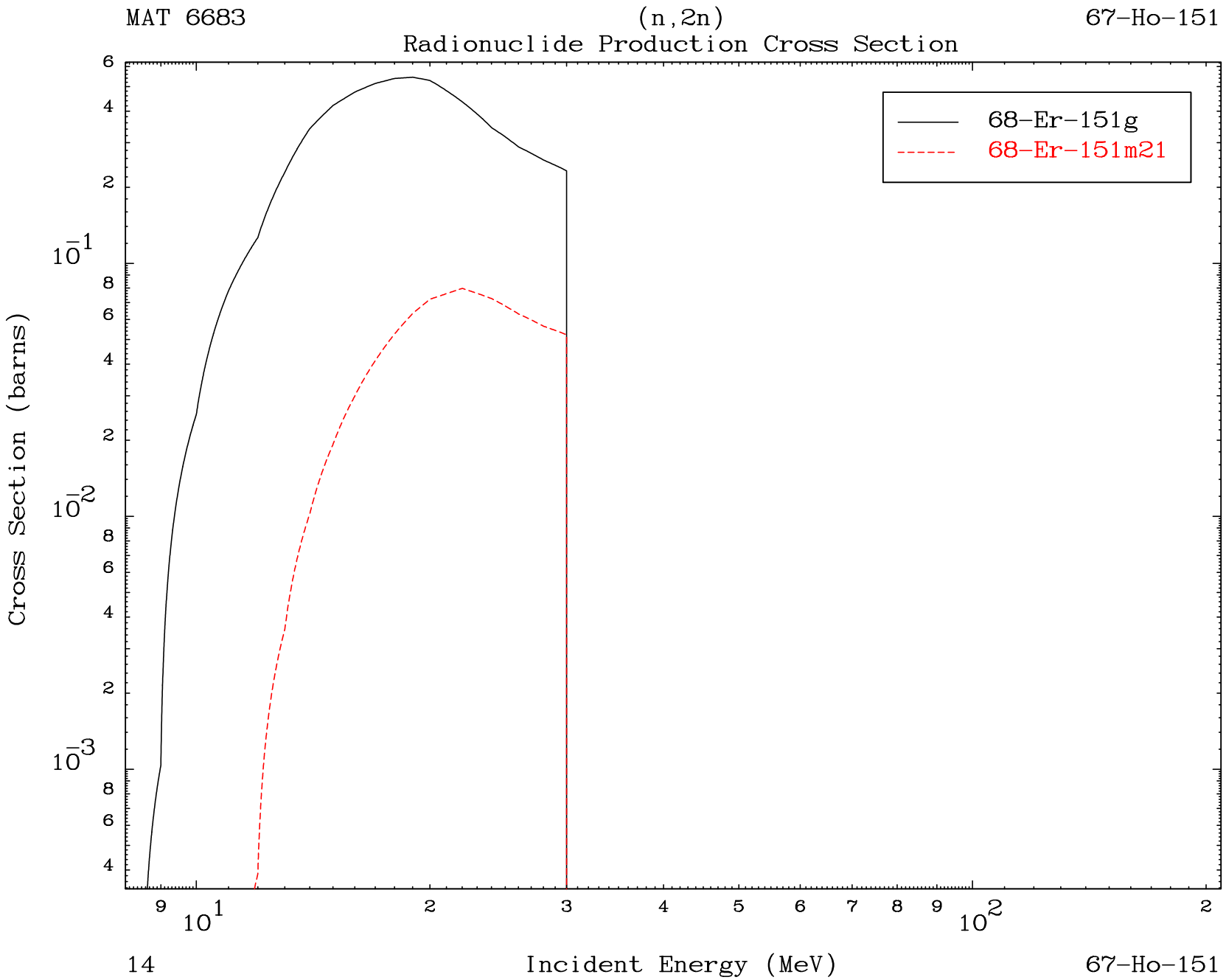

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

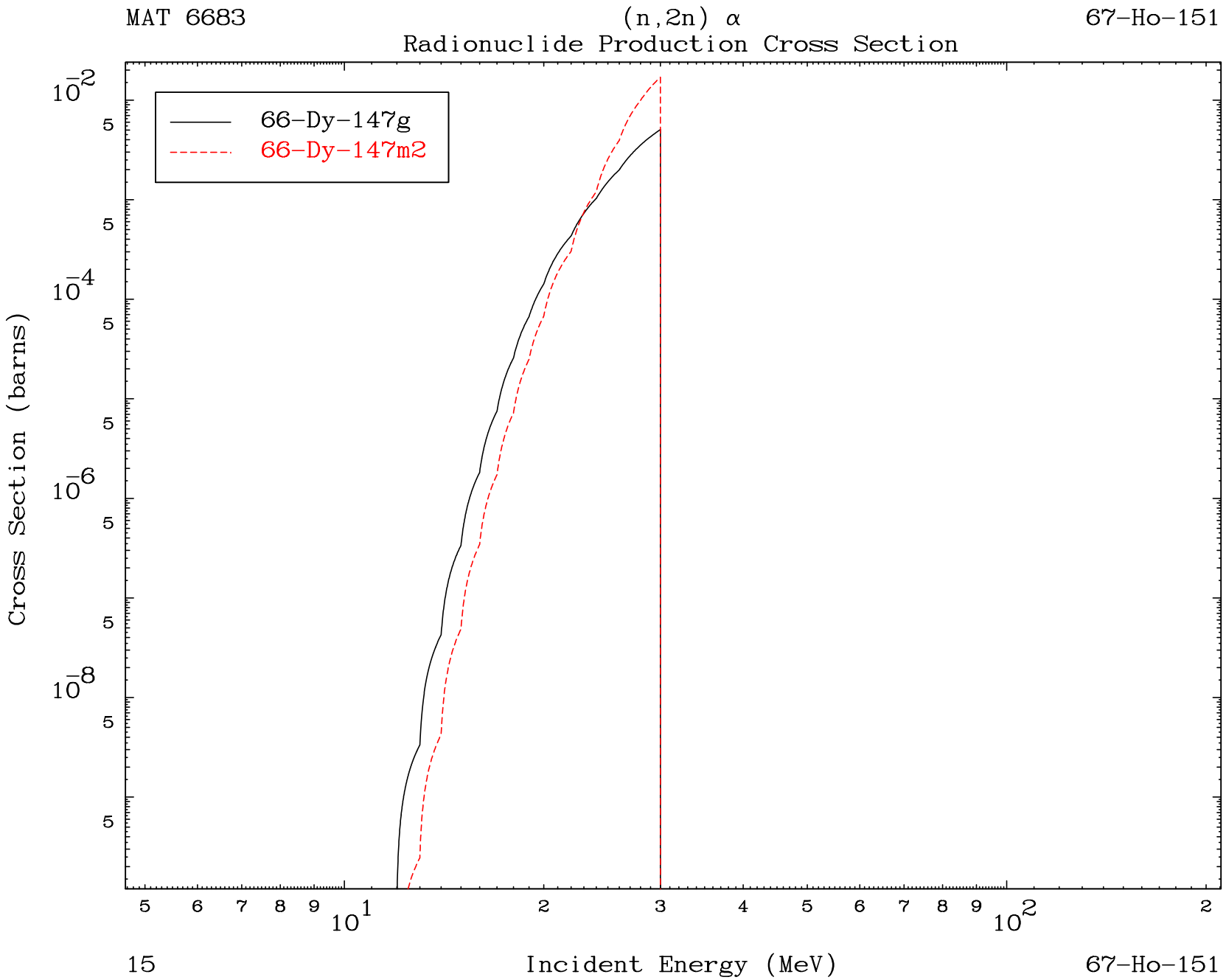

MAT 6683
(d,t) Levels
67-Ho-151
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
67-Ho-151

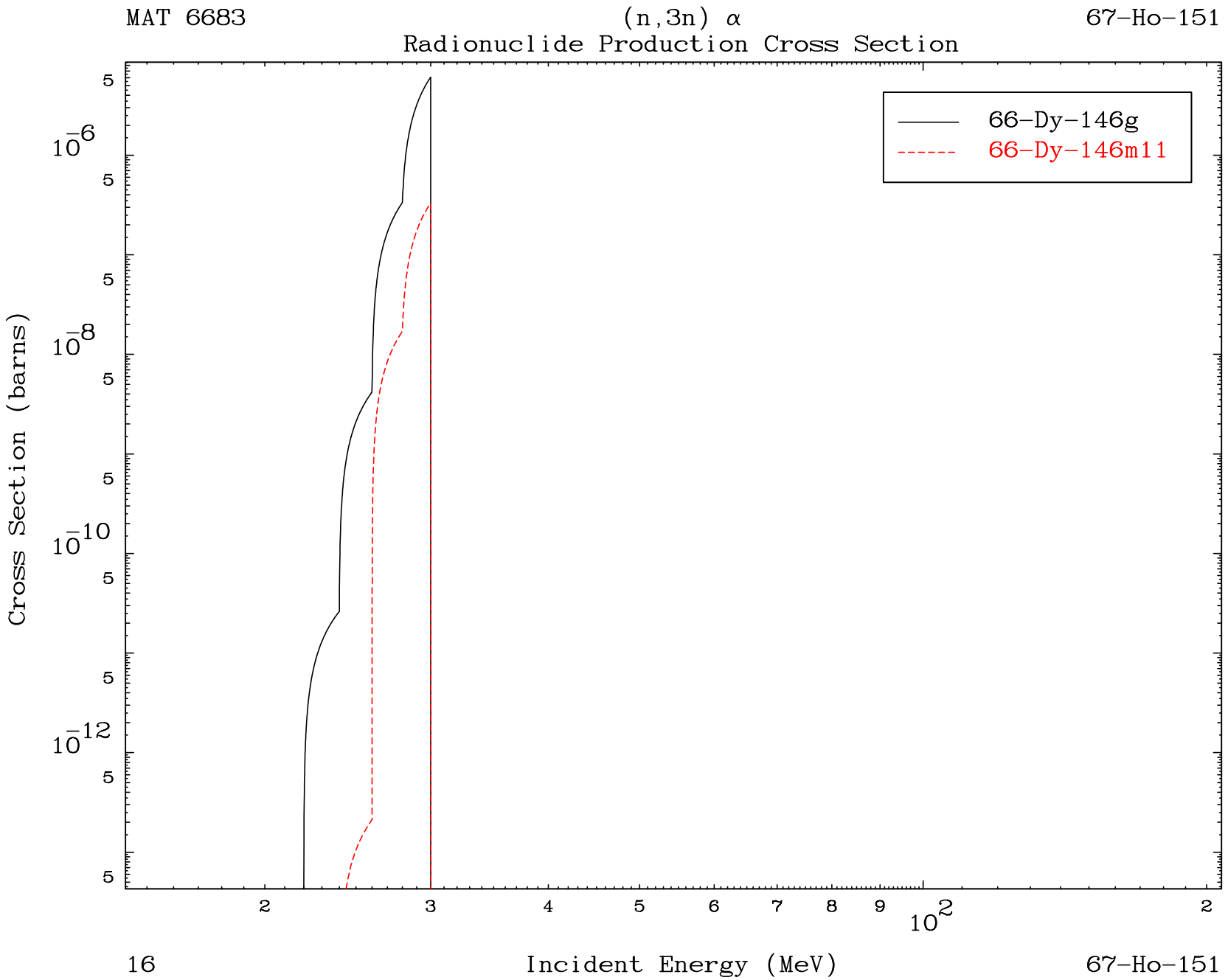

MAT 6683
(d,He3) Levels
67-Ho-151
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
67-Ho-151

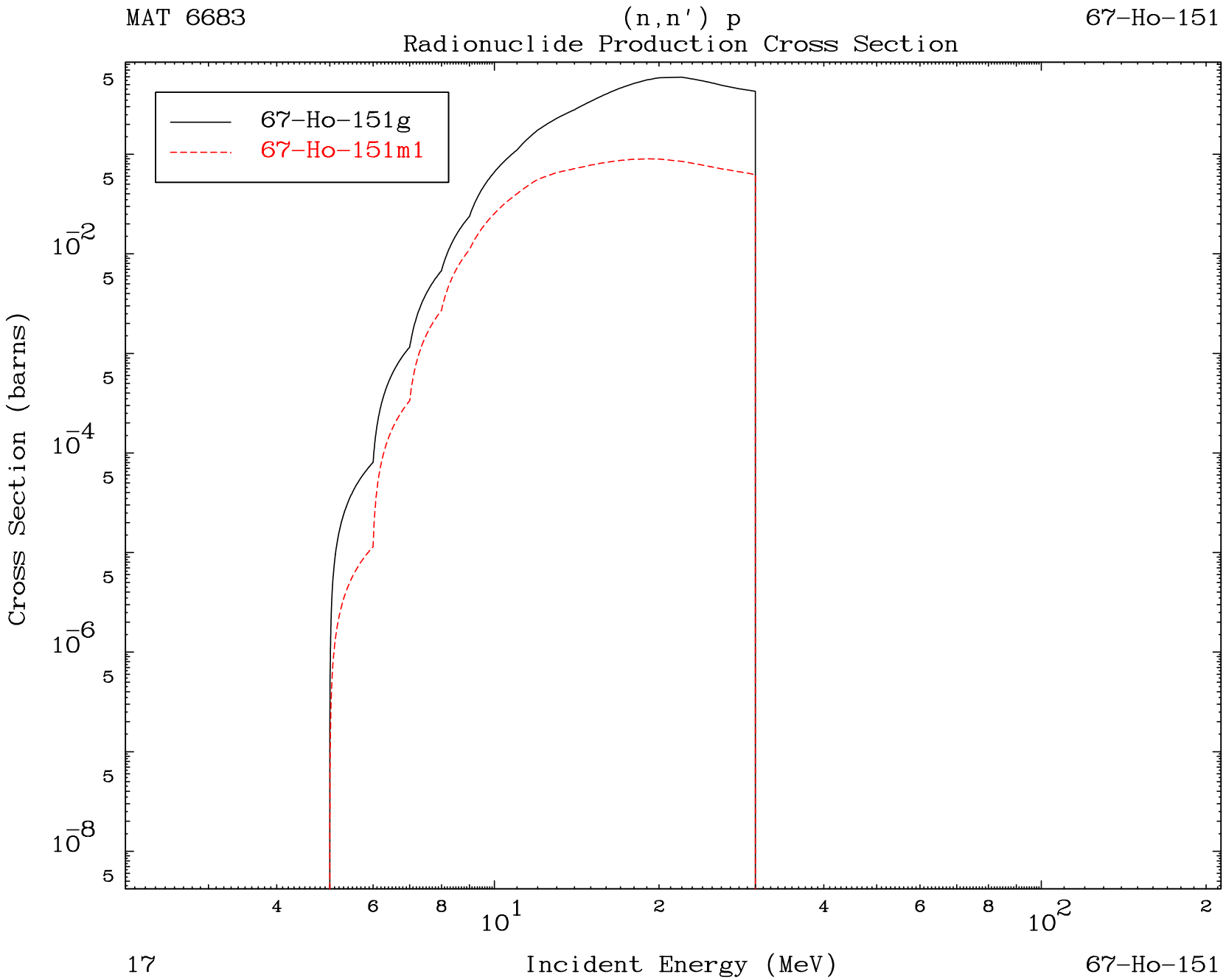

MAT 6683
(d,α) Levels
67-Ho-151
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
67-Ho-151

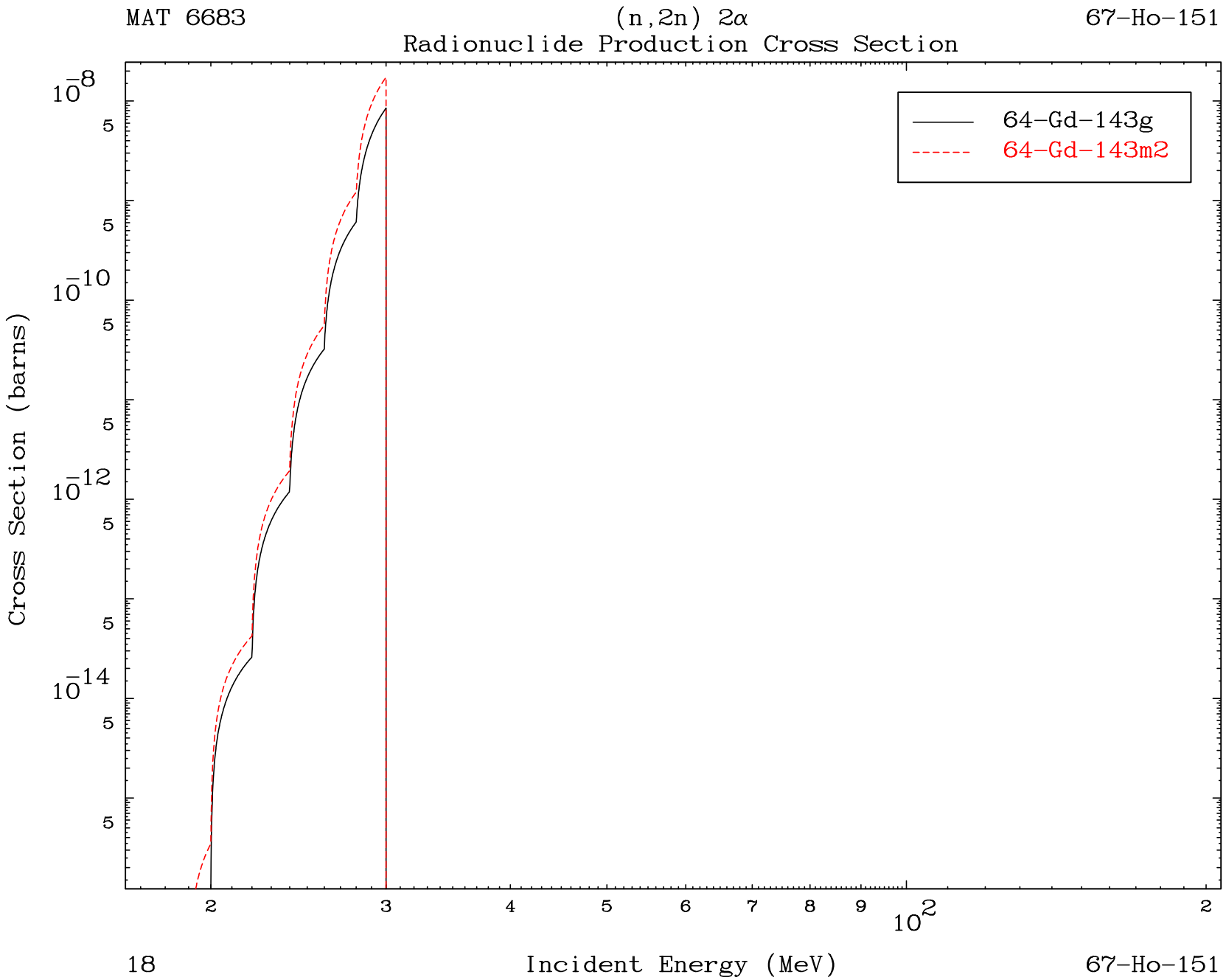

MAT 6683
(n,2n) d
67-Ho-151
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
6
7
8
9
10^2
13
Incident Energy (MeV)
67-Ho-151

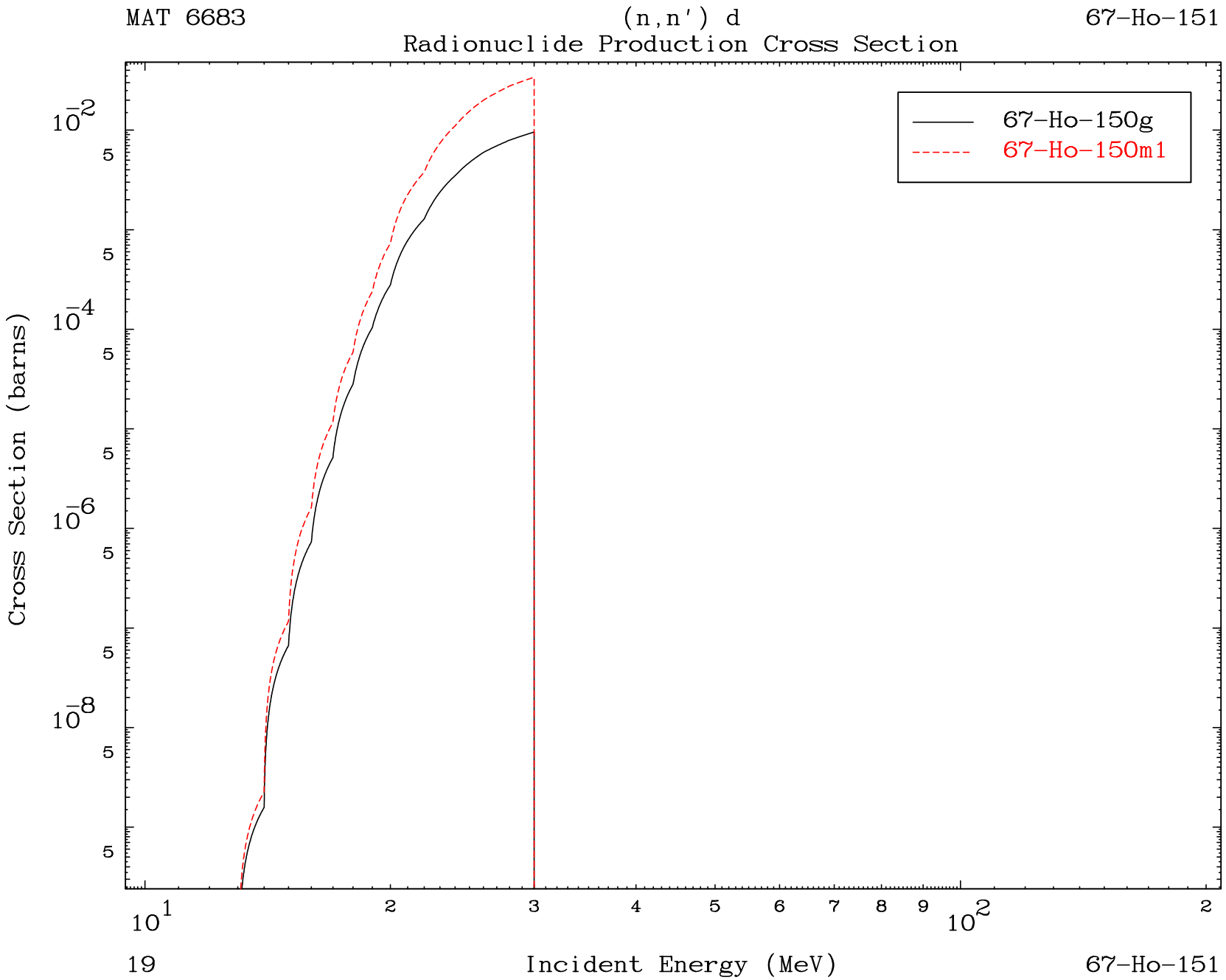

MAT 6683
(n,2n)
67-Ho-151
Radionuclide Production Cross Section
68-Er-151g
68-Er-151m21
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-151

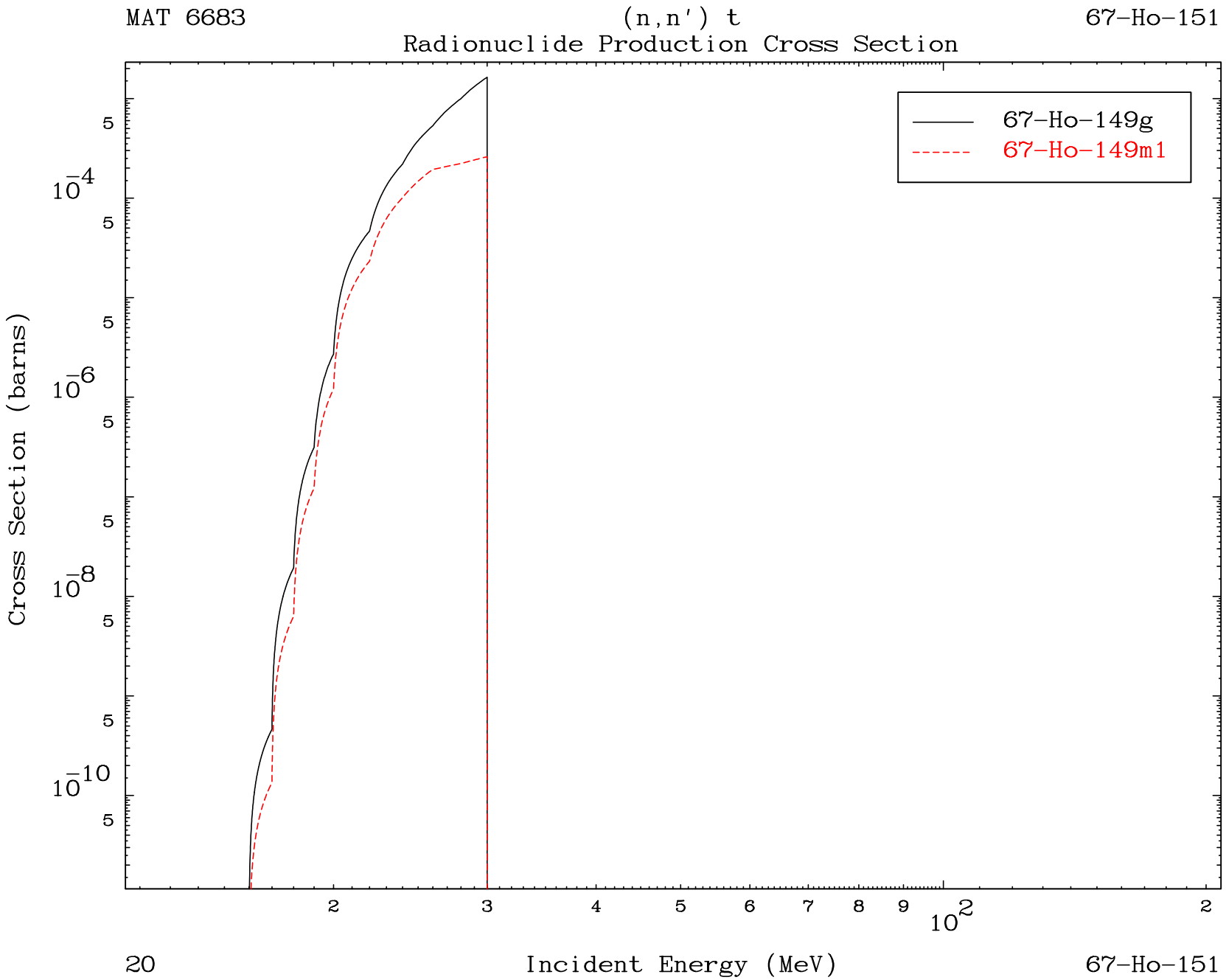

MAT 6683
(n,2n) α
67-Ho-151
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
Incident Energy (MeV)
15
67-Ho-151

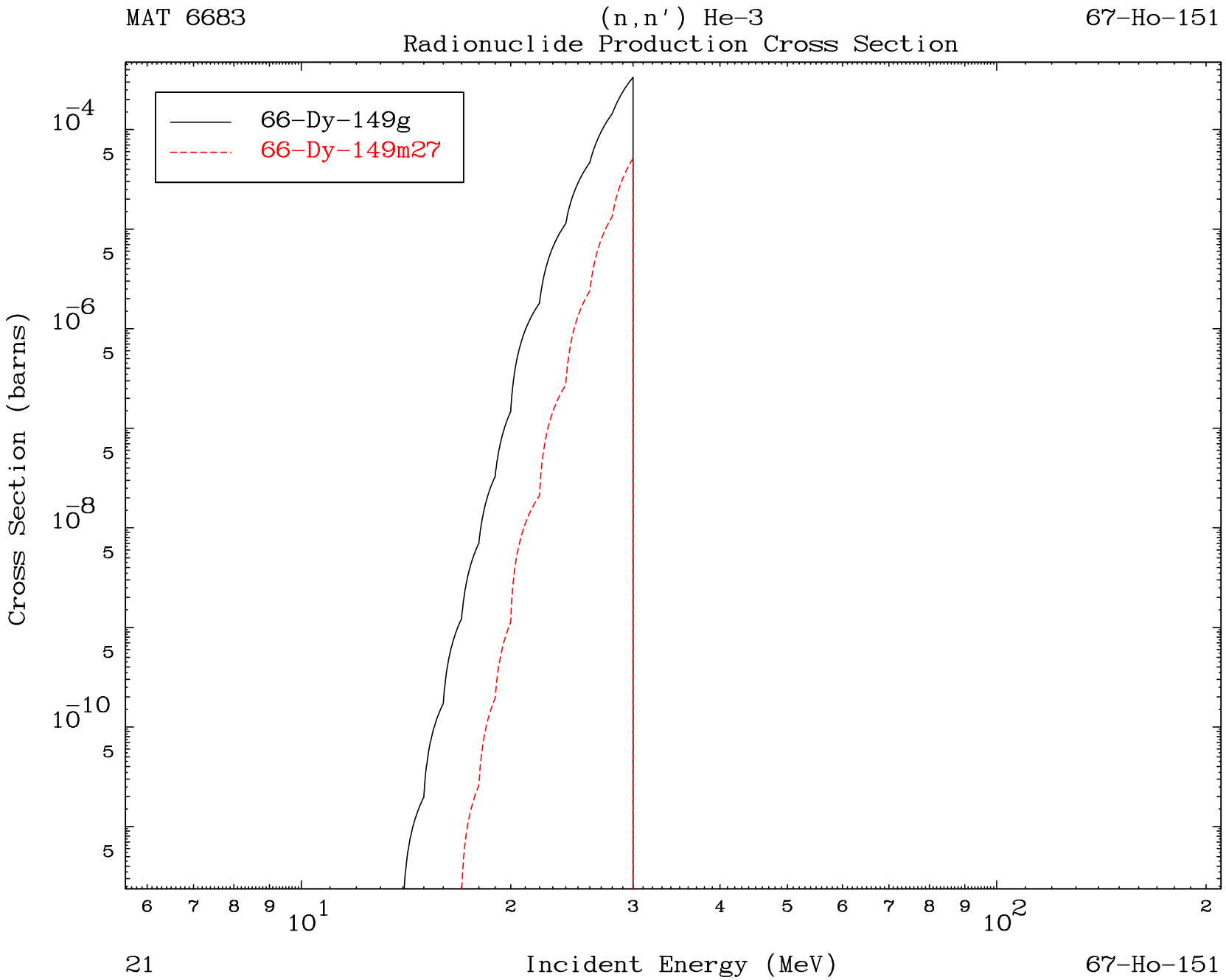

MAT 6683
(n,3n) α
67-Ho-151
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
67-Ho-151

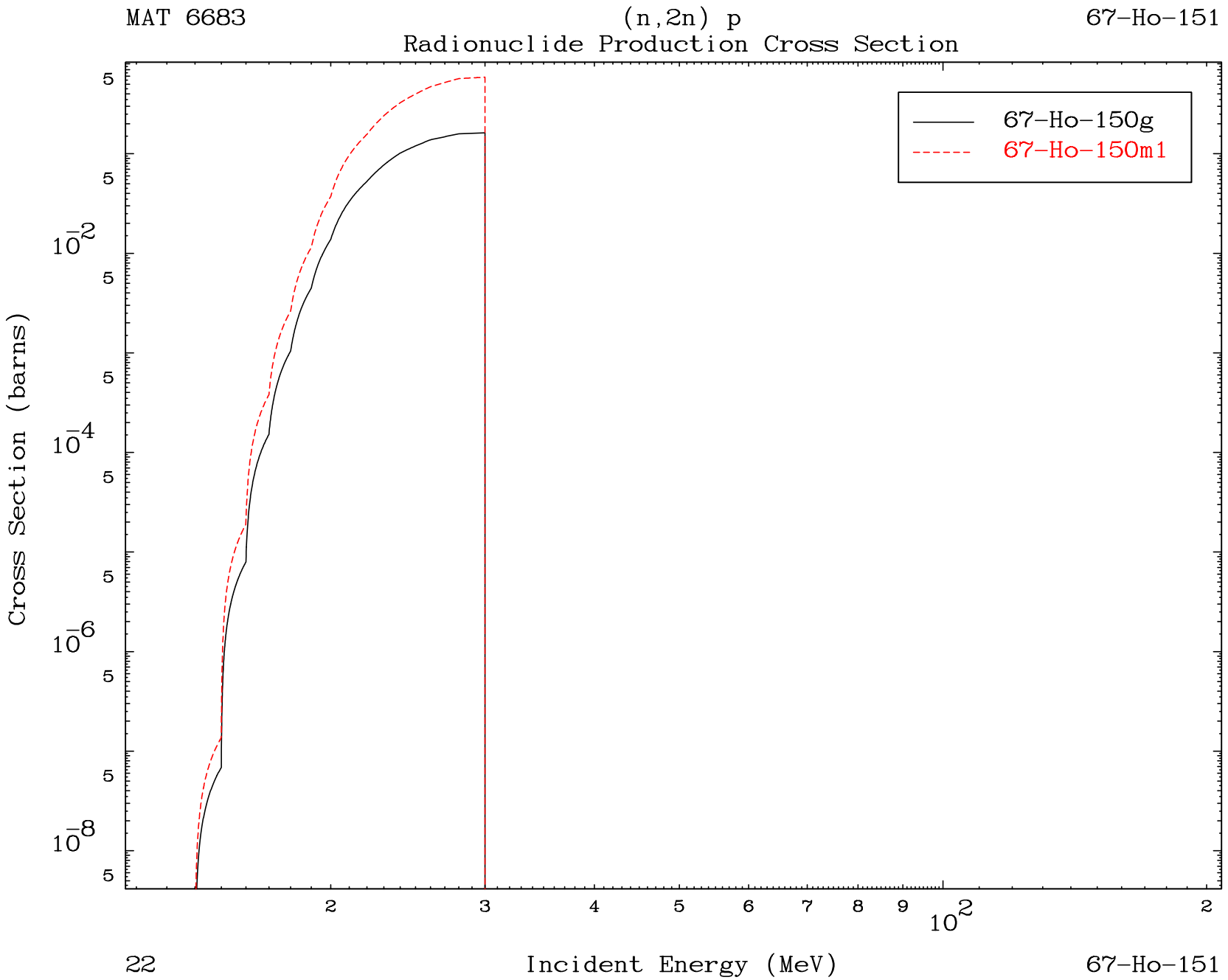

MAT 6683
(n,n') p
67-Ho-151
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
Incident Energy (MeV)
17
67-Ho-151

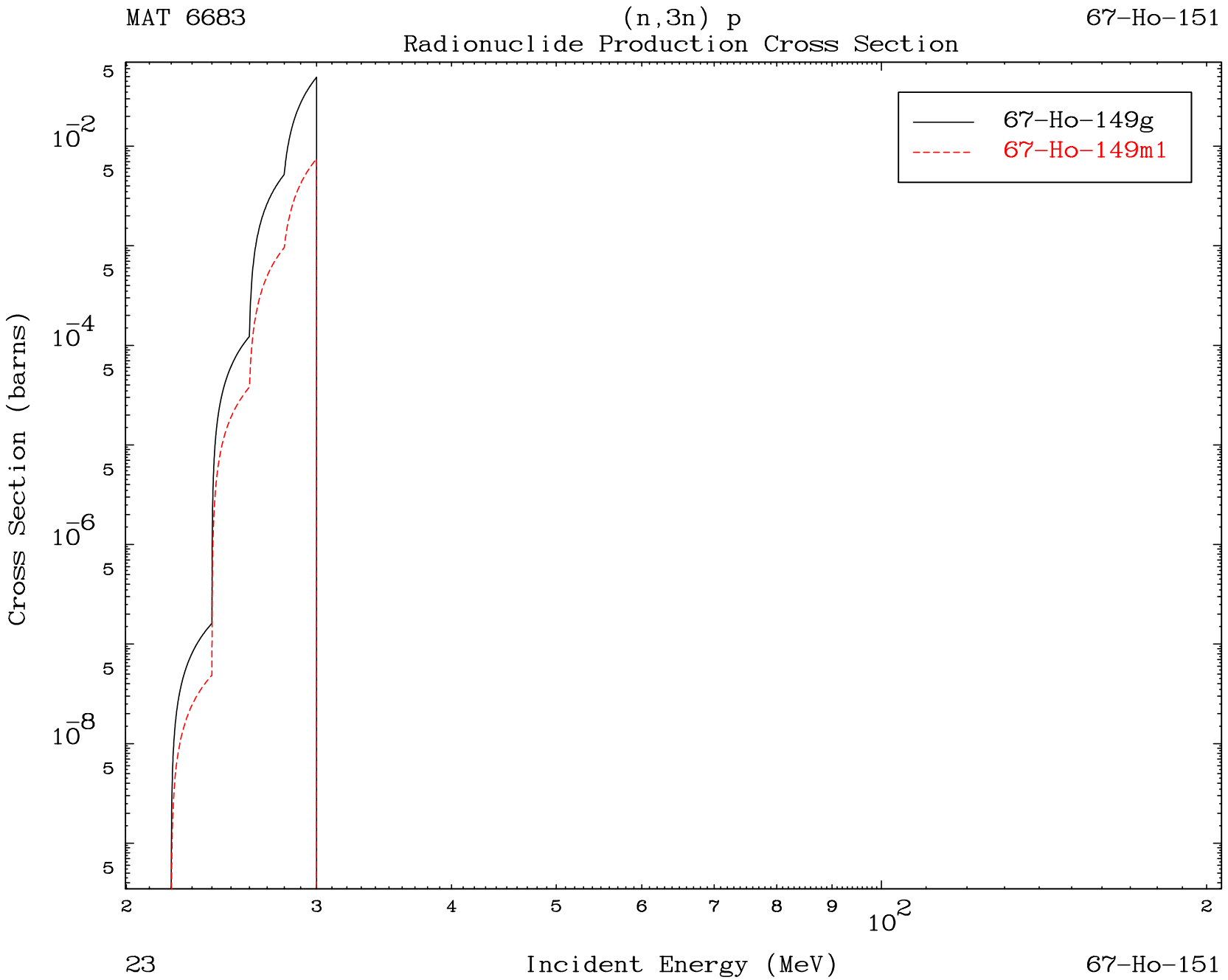

MAT 6683
(n,2n) 2α
67-Ho-151
Radionuclide Production Cross Section
64-Gd-143g
64-Gd-143m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
18
Incident Energy (MeV)
67-Ho-151

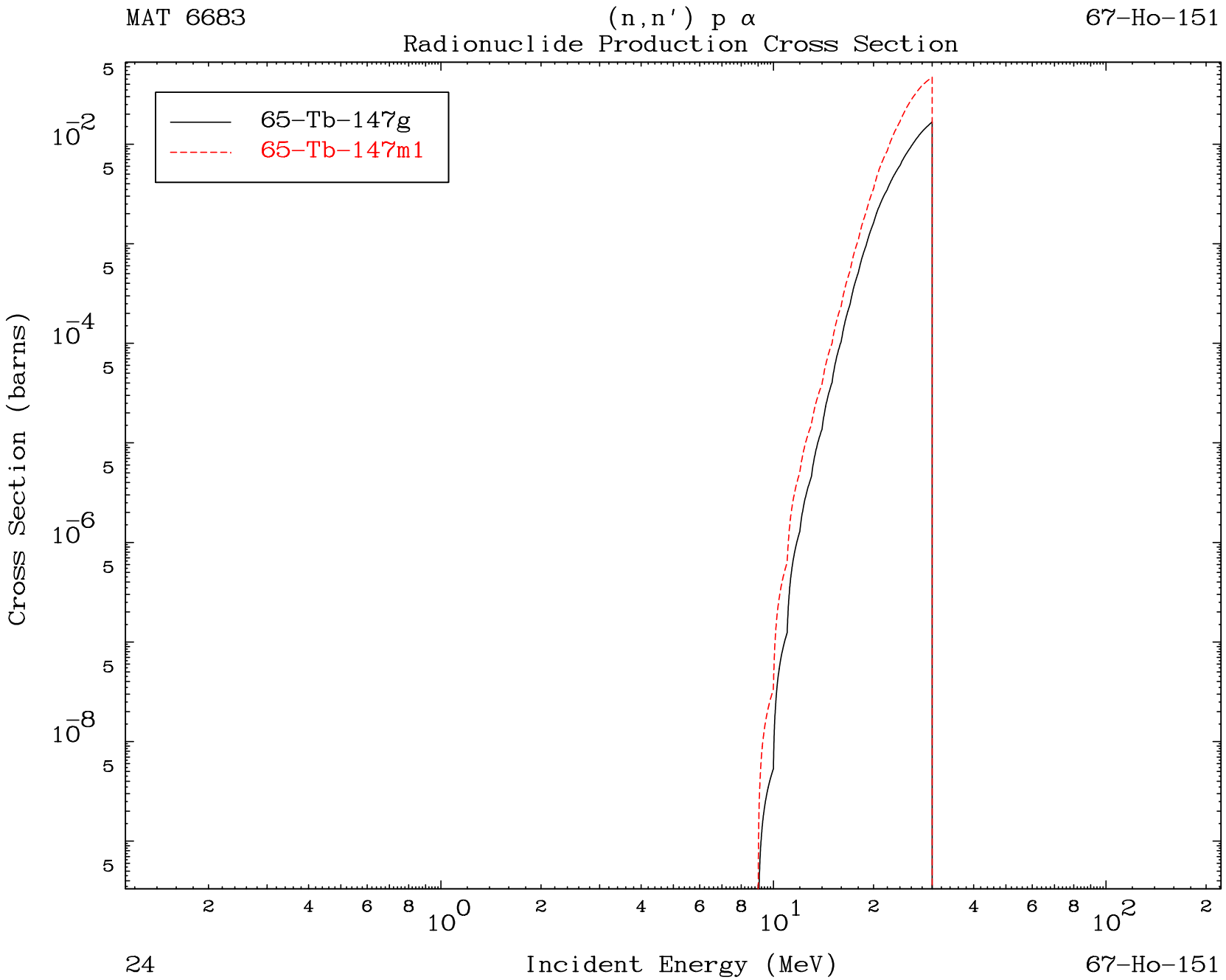

MAT 6683
(n,n') d
67-Ho-151
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
19
67-Ho-151

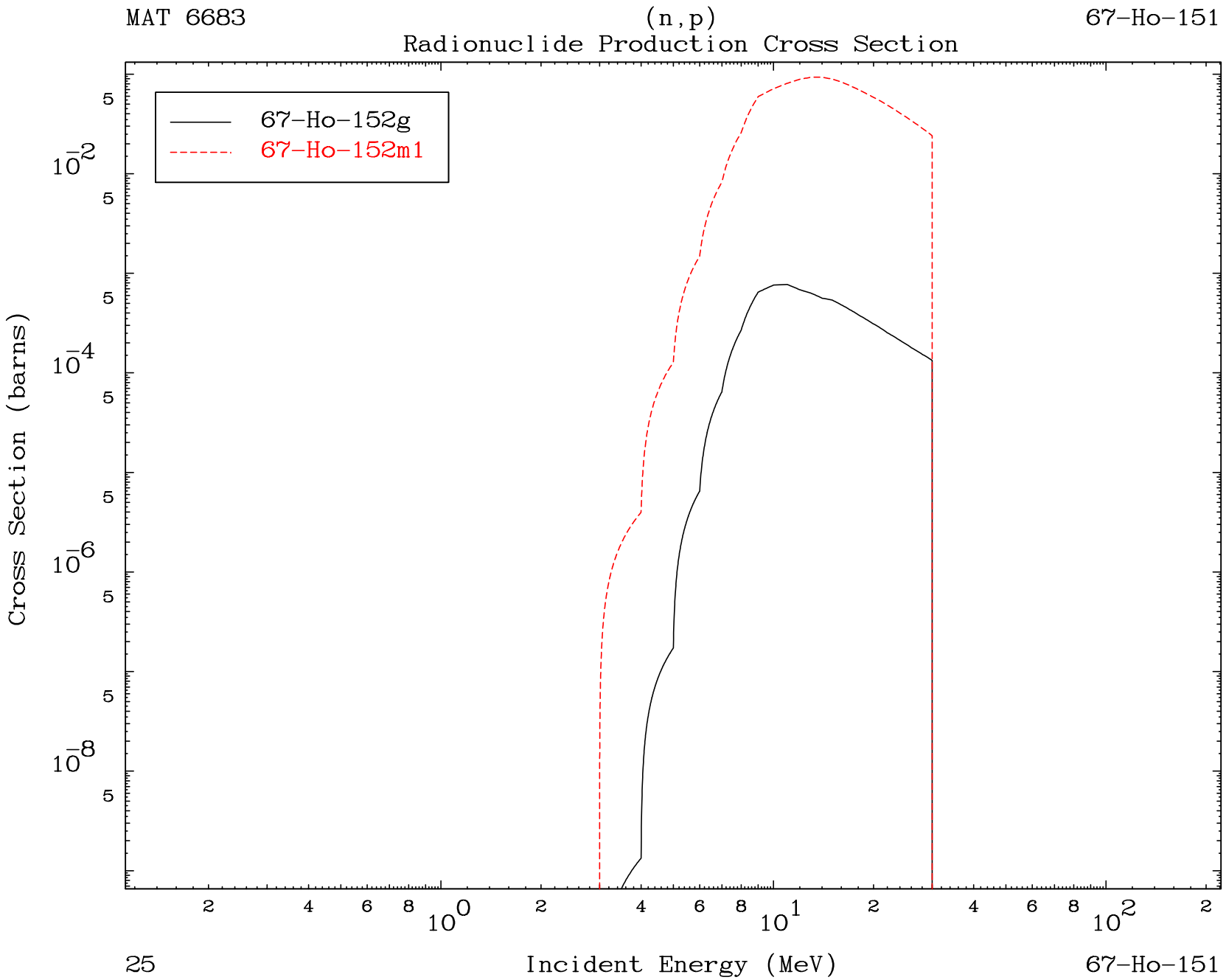

MAT 6683
(n,n') t
67-Ho-151
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
67-Ho-151

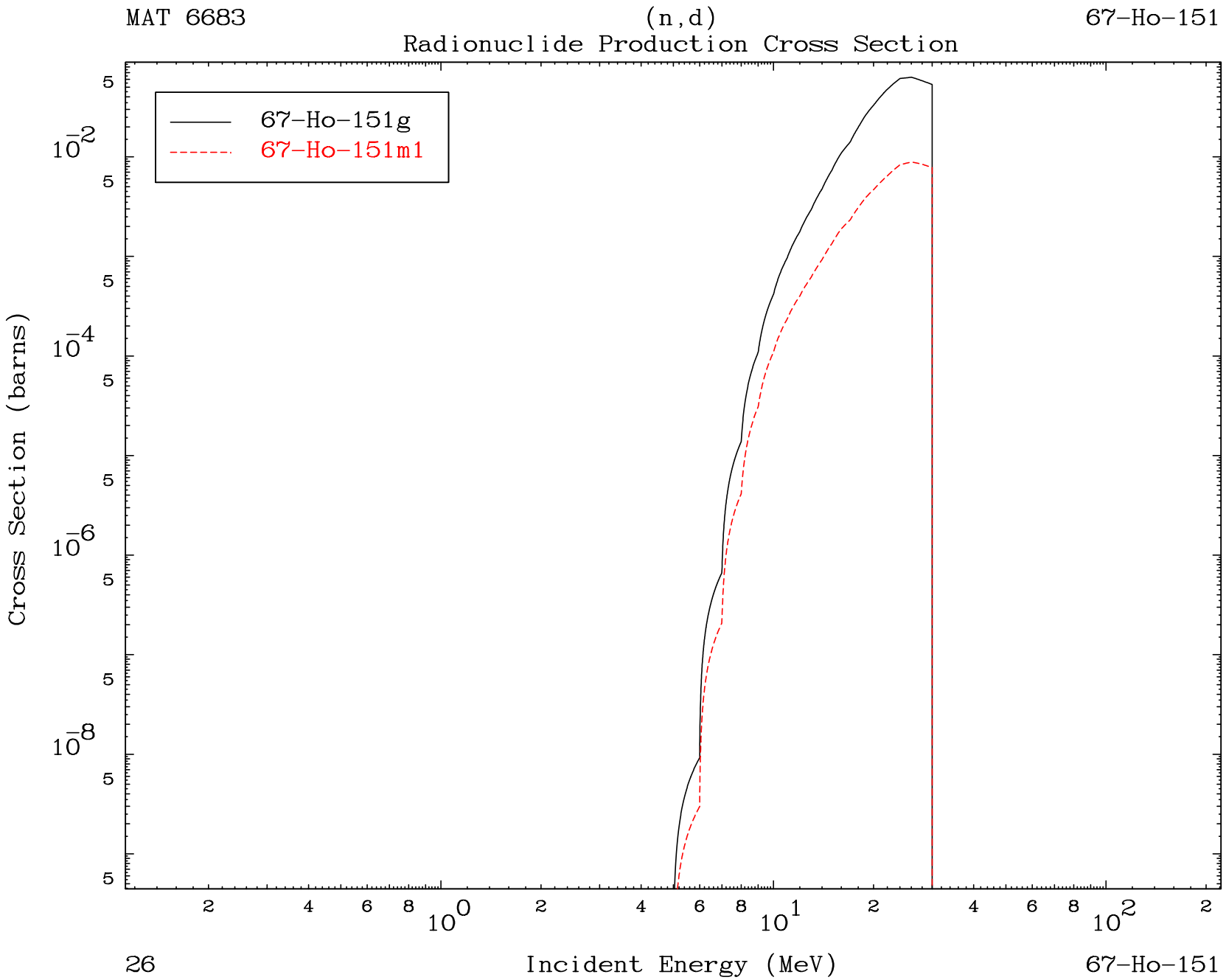

MAT 6683
(n,n') He-3
67-Ho-151
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6 7 8 9 10 1
2 3 4 5 6 7 8 9 10 2
2
21
Incident Energy (MeV)
67-Ho-151

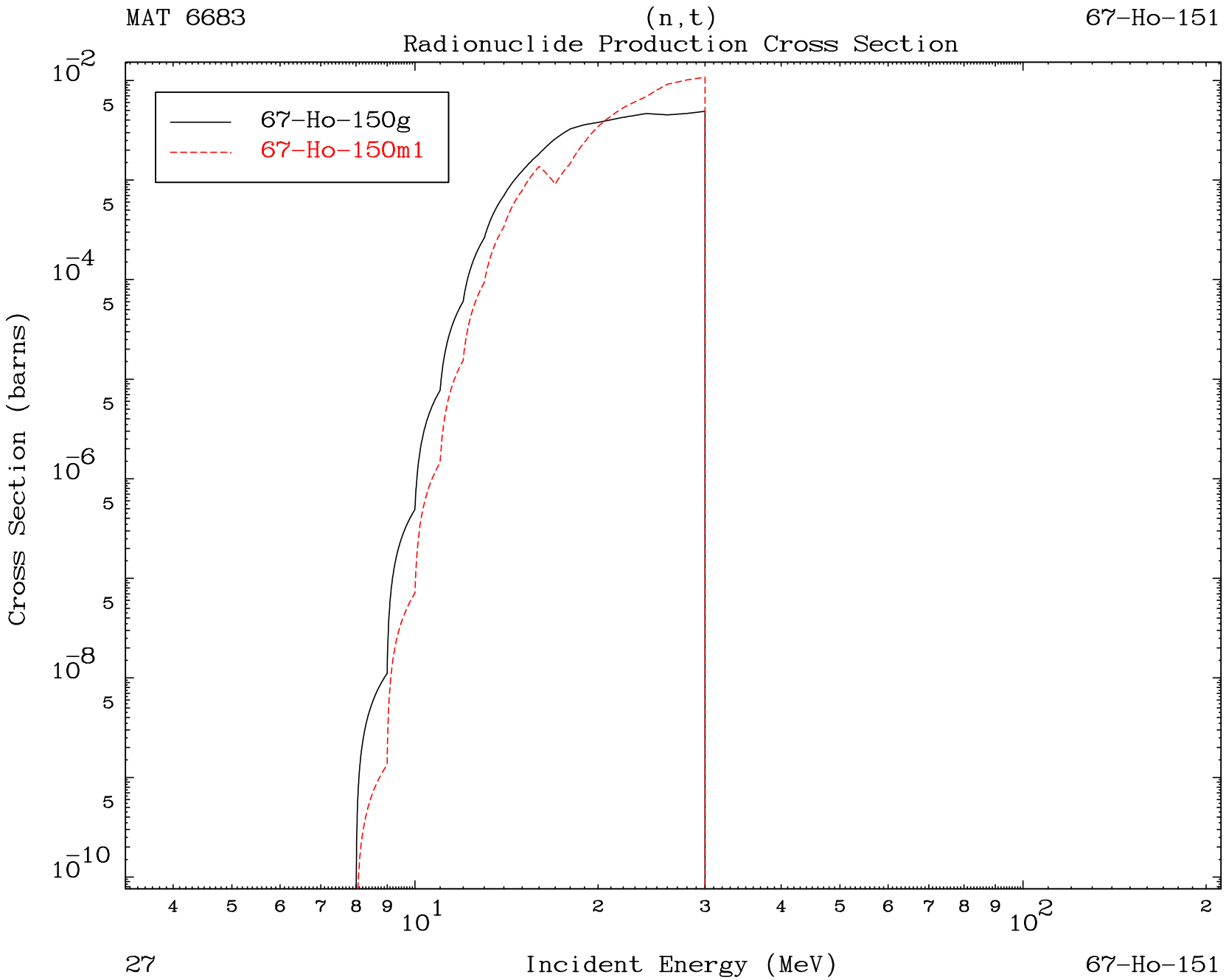

MAT 6683
(n,2n) p
67-Ho-151
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
22
67-Ho-151

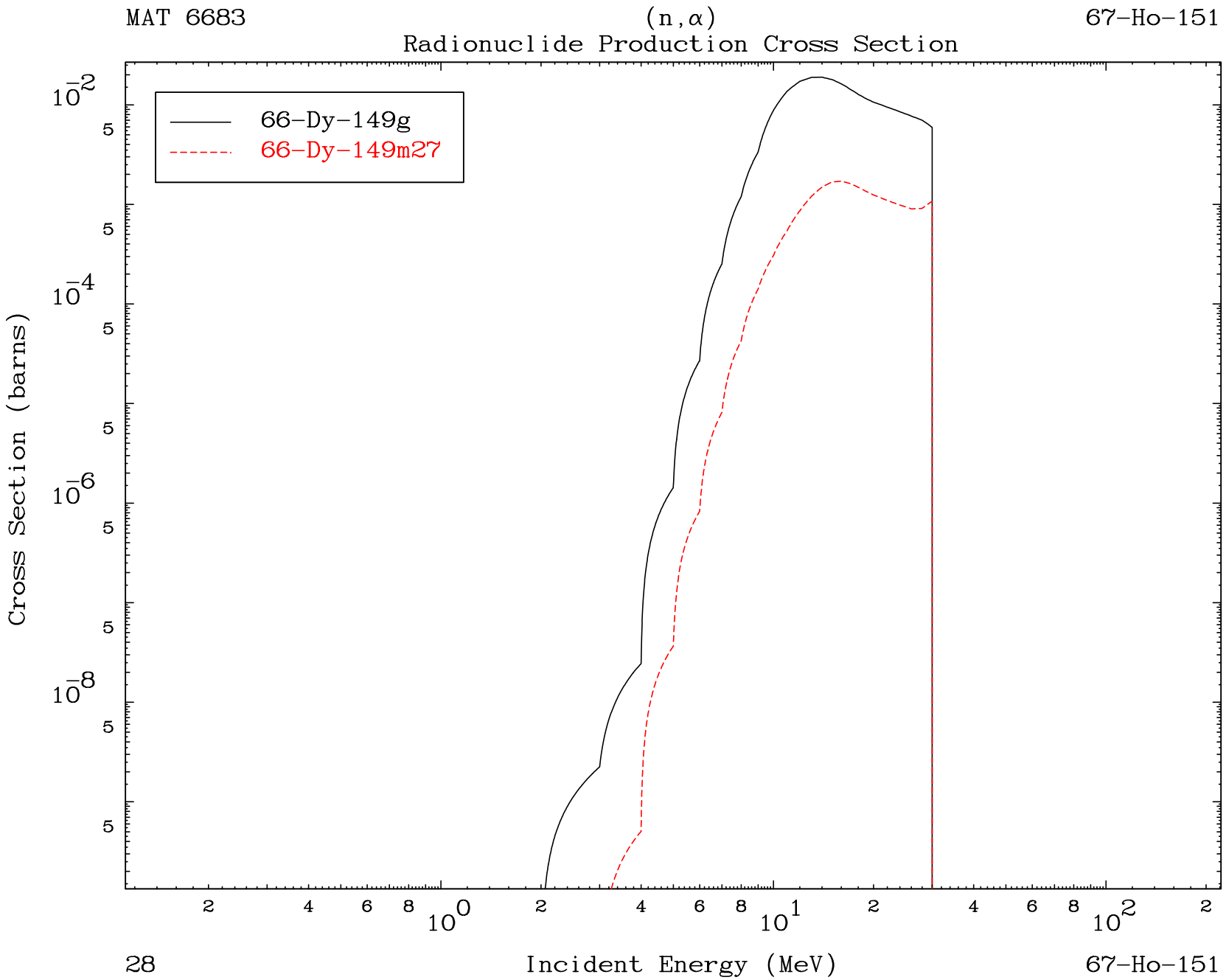

MAT 6683
(n,3n) p
67-Ho-151
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
Incident Energy (MeV)
23
67-Ho-151

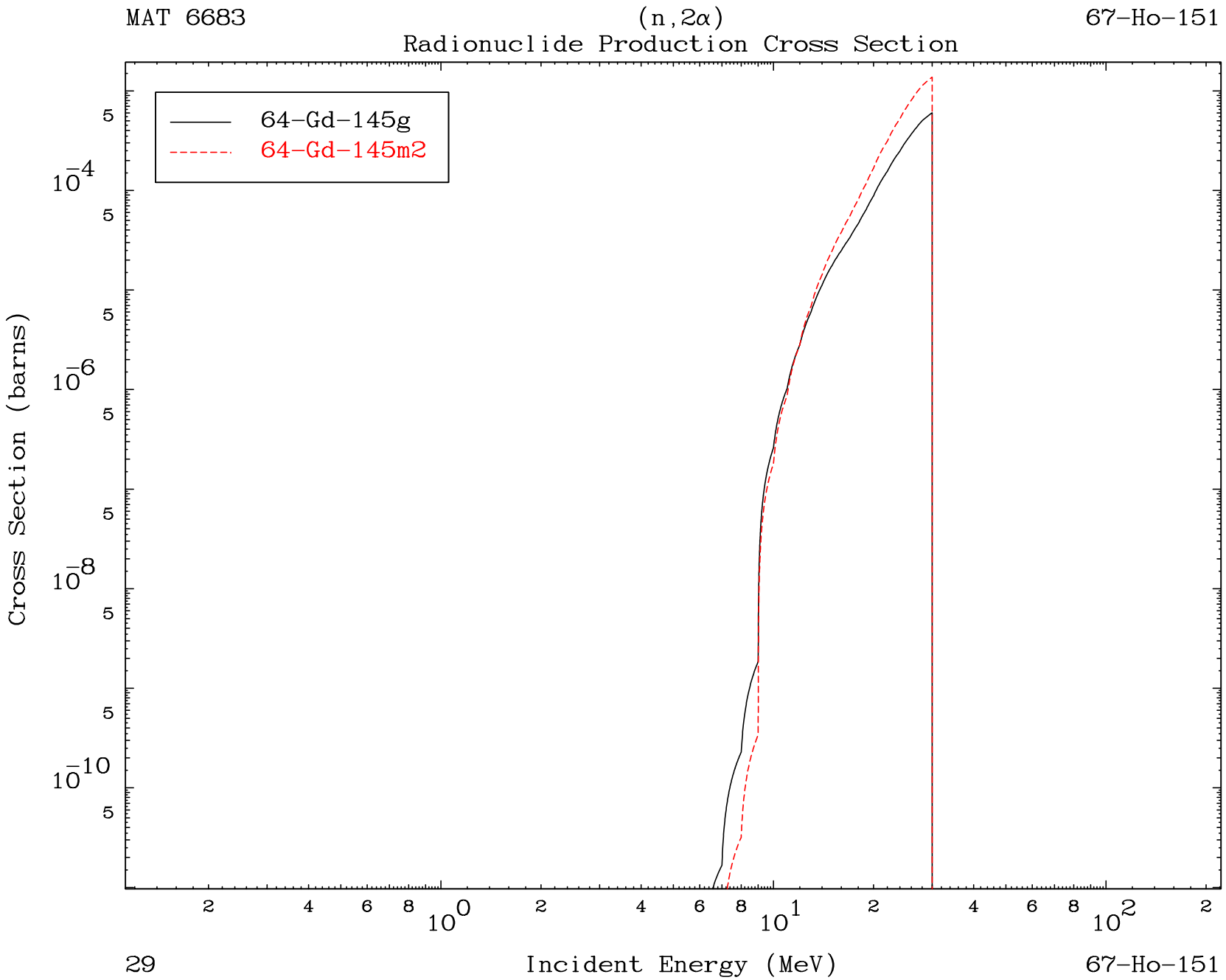

MAT 6683
(n,n') p α
67-Ho-151
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
24
67-Ho-151

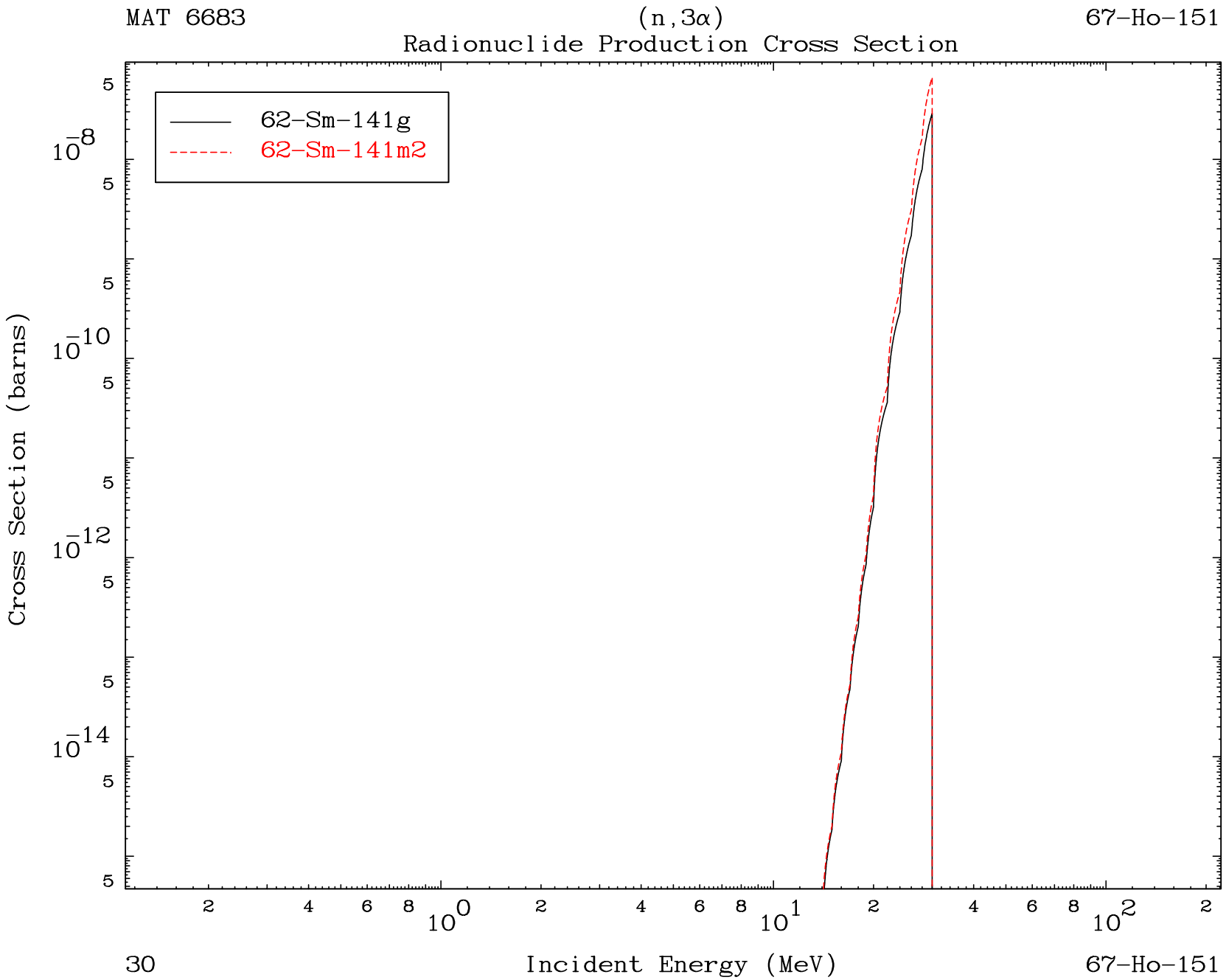

MAT 6683
(n,p)
67-Ho-151
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
25
67-Ho-151

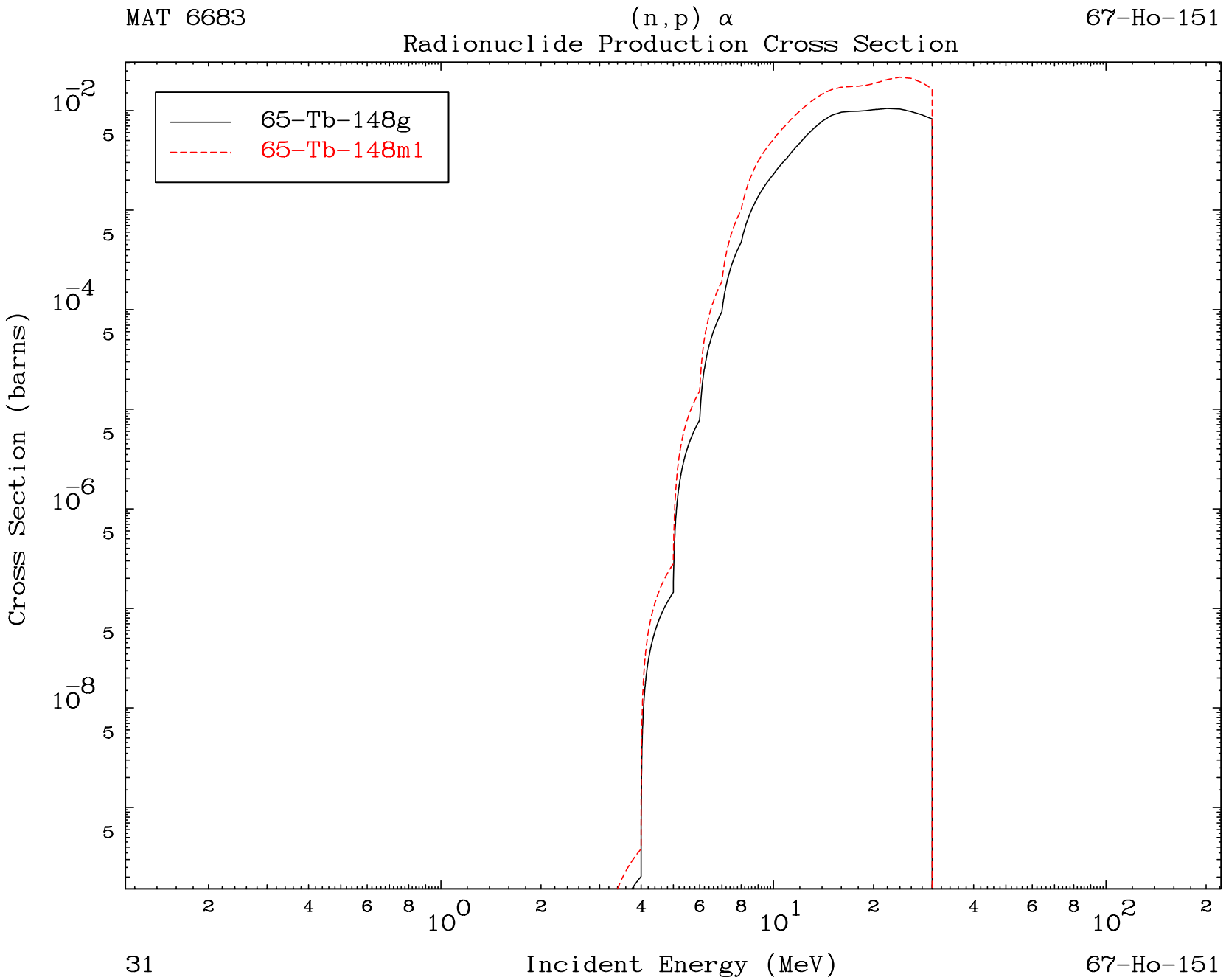

MAT 6683
(n,d)
67-Ho-151
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
Incident Energy (MeV)
26
67-Ho-151

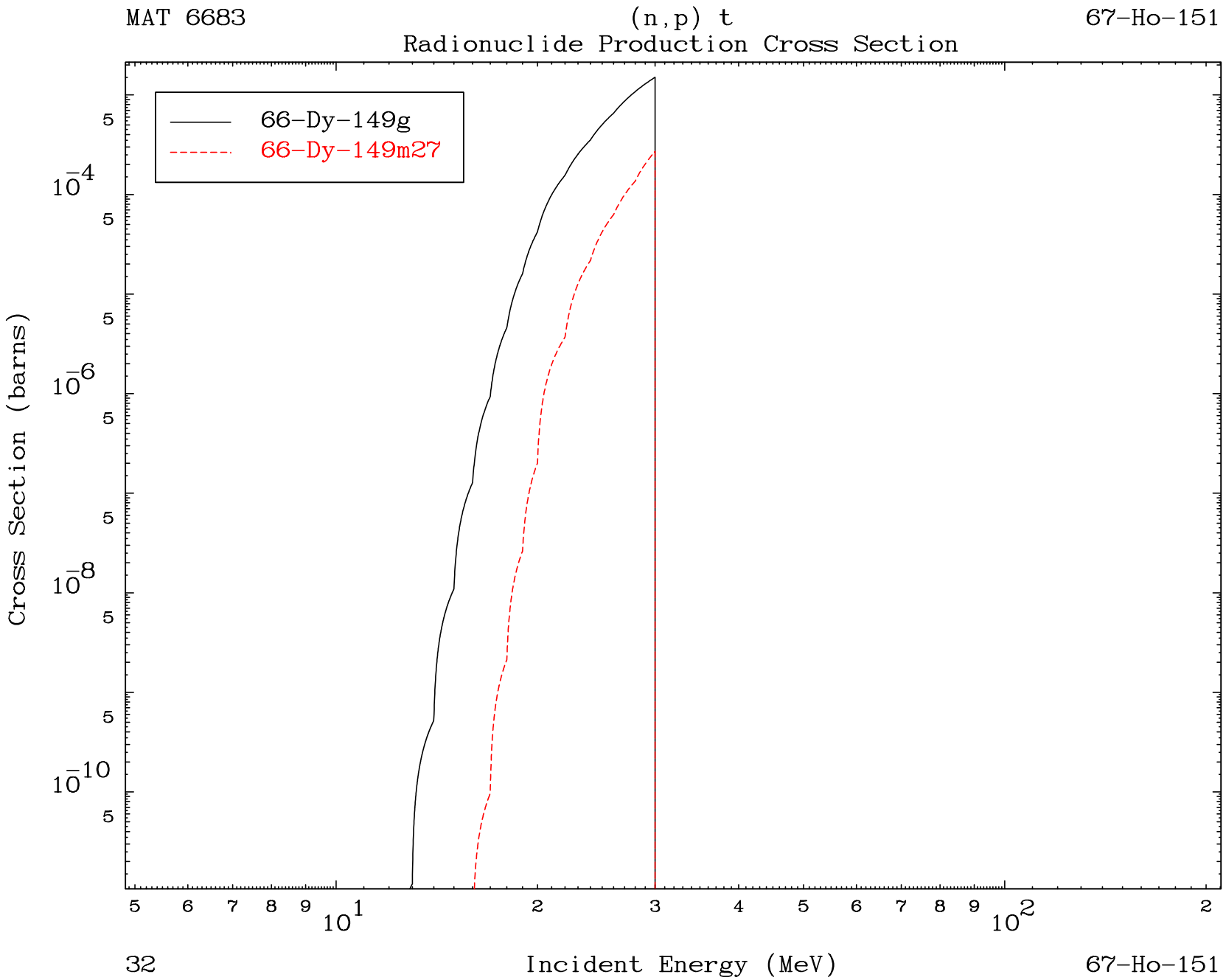

MAT 6683
(n,t)
67-Ho-151
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
27
67-Ho-151

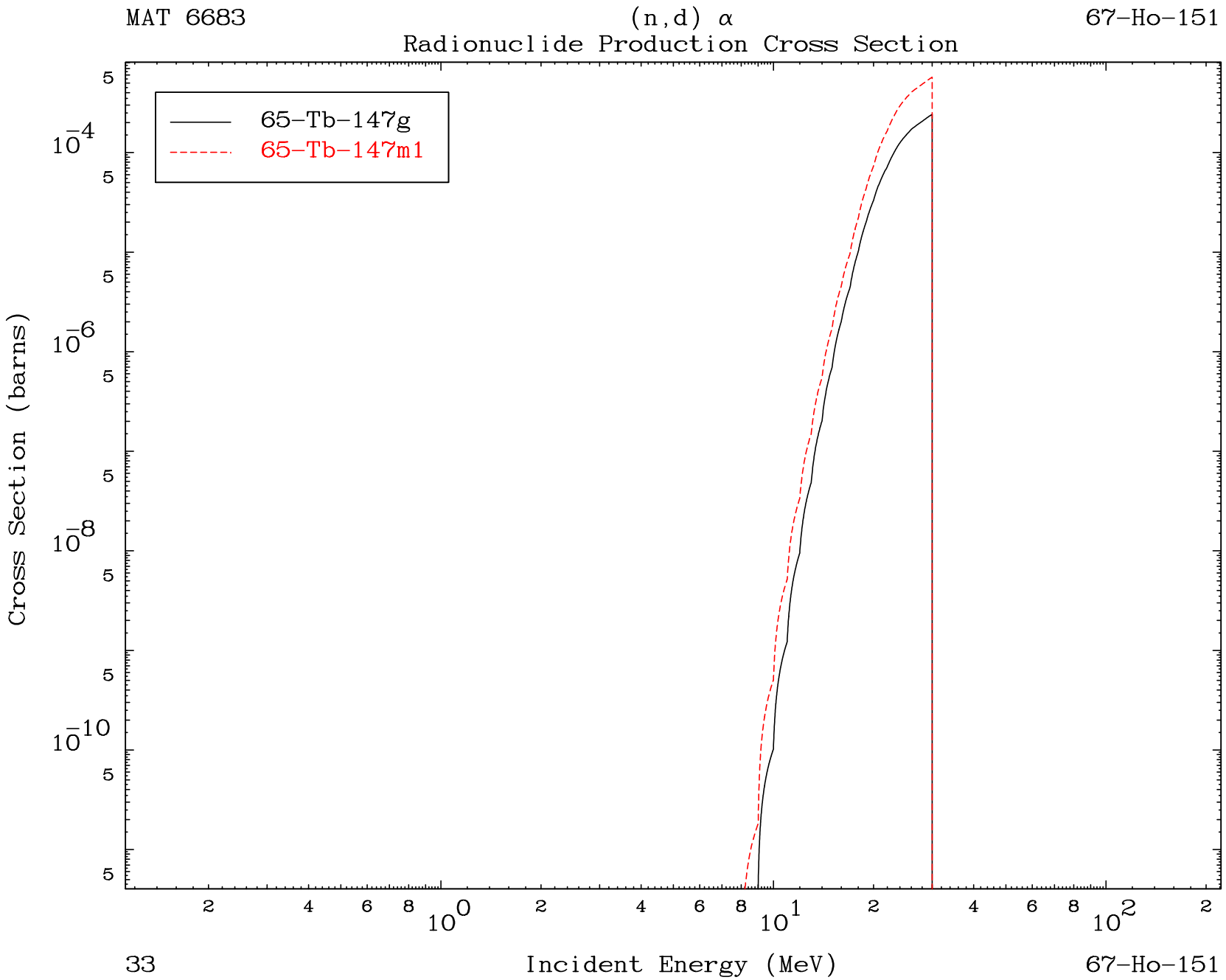

MAT 6683
(n,α)
67-Ho-151
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
Incident Energy (MeV)
28
67-Ho-151


MAT 6683
(n,2α)
67-Ho-151
Radionuclide Production Cross Section
64-Gd-145g
64-Gd-145m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
29
67-Ho-151


MAT 6683
(n,3α)
67-Ho-151
Radionuclide Production Cross Section
62-Sm-141g
62-Sm-141m2
Cross Section (barns)
Incident Energy (MeV)
30
67-Ho-151


MAT 6683
(n,p) α
67-Ho-151
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
31
67-Ho-151


MAT 6683
(n,p) t
67-Ho-151
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
Incident Energy (MeV)
32
67-Ho-151


MAT 6683
(n,d) α
67-Ho-151
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
33
67-Ho-151