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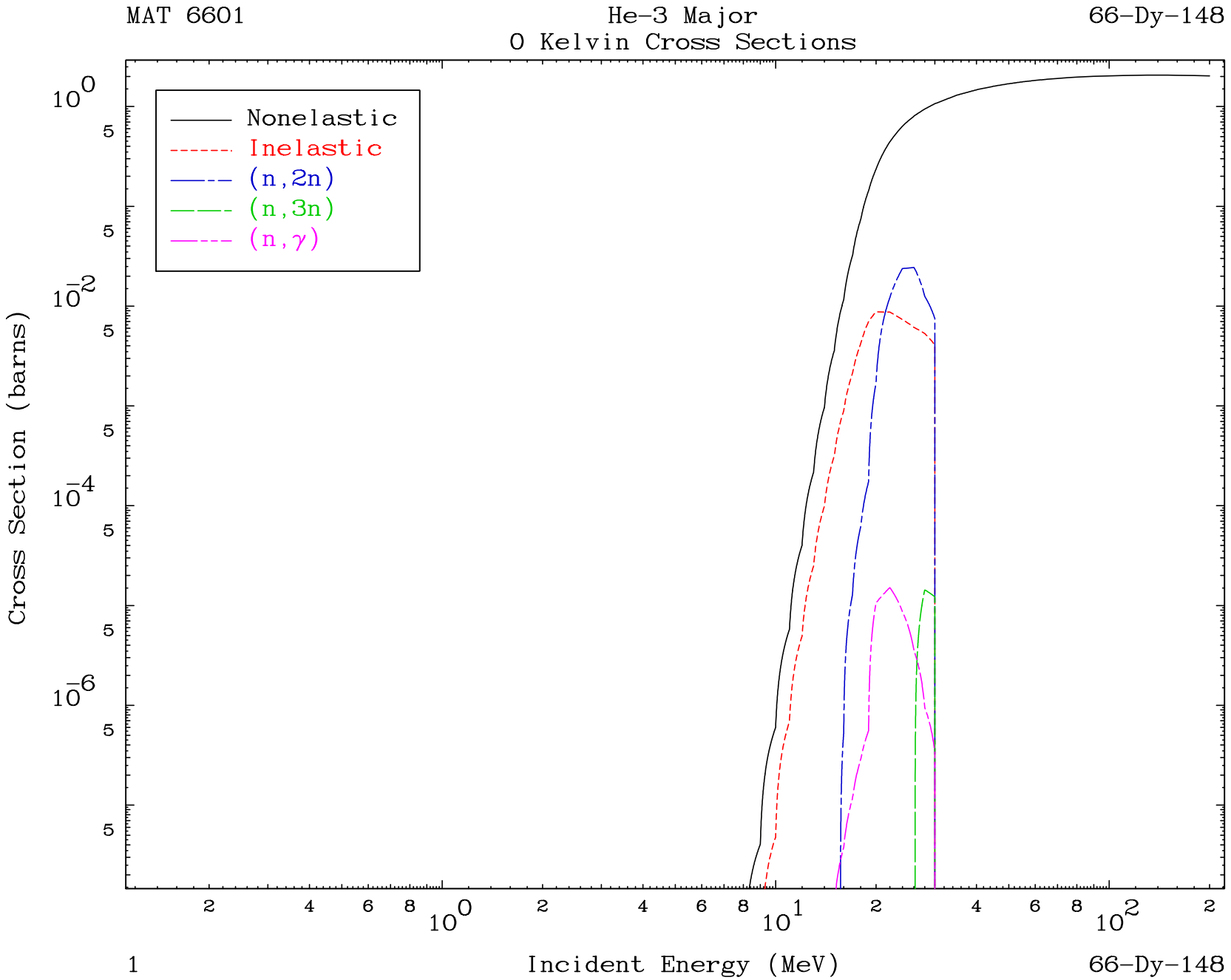
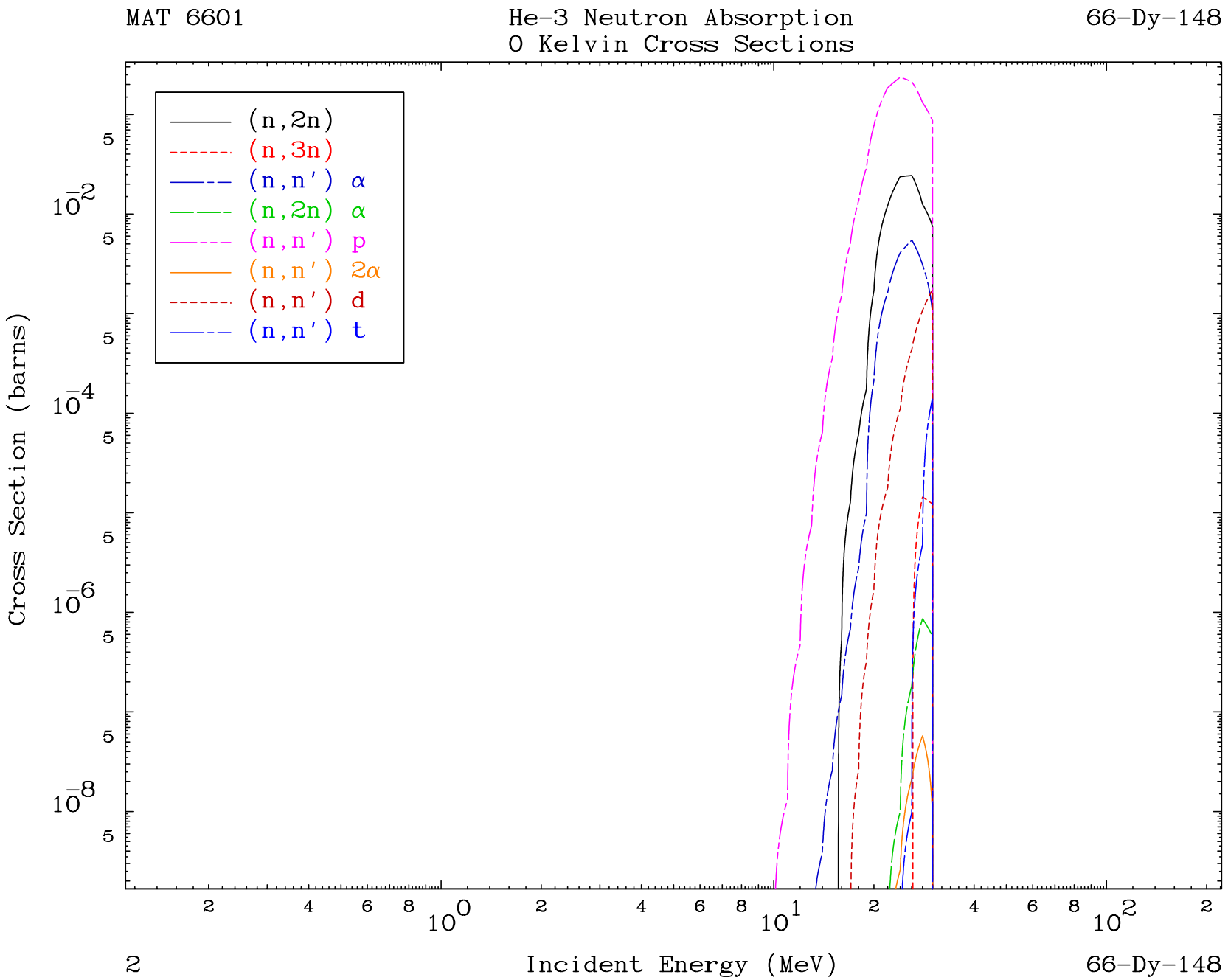
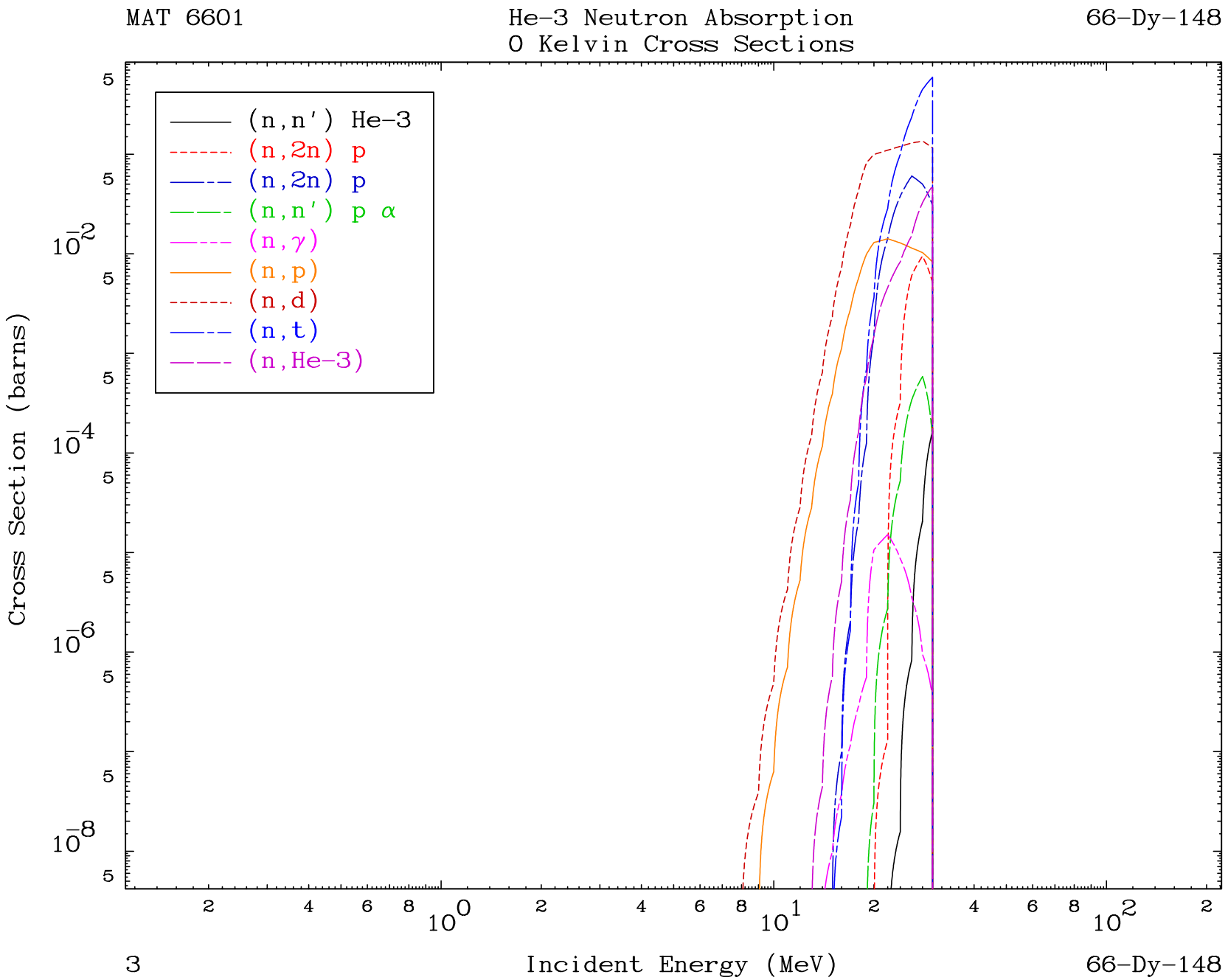
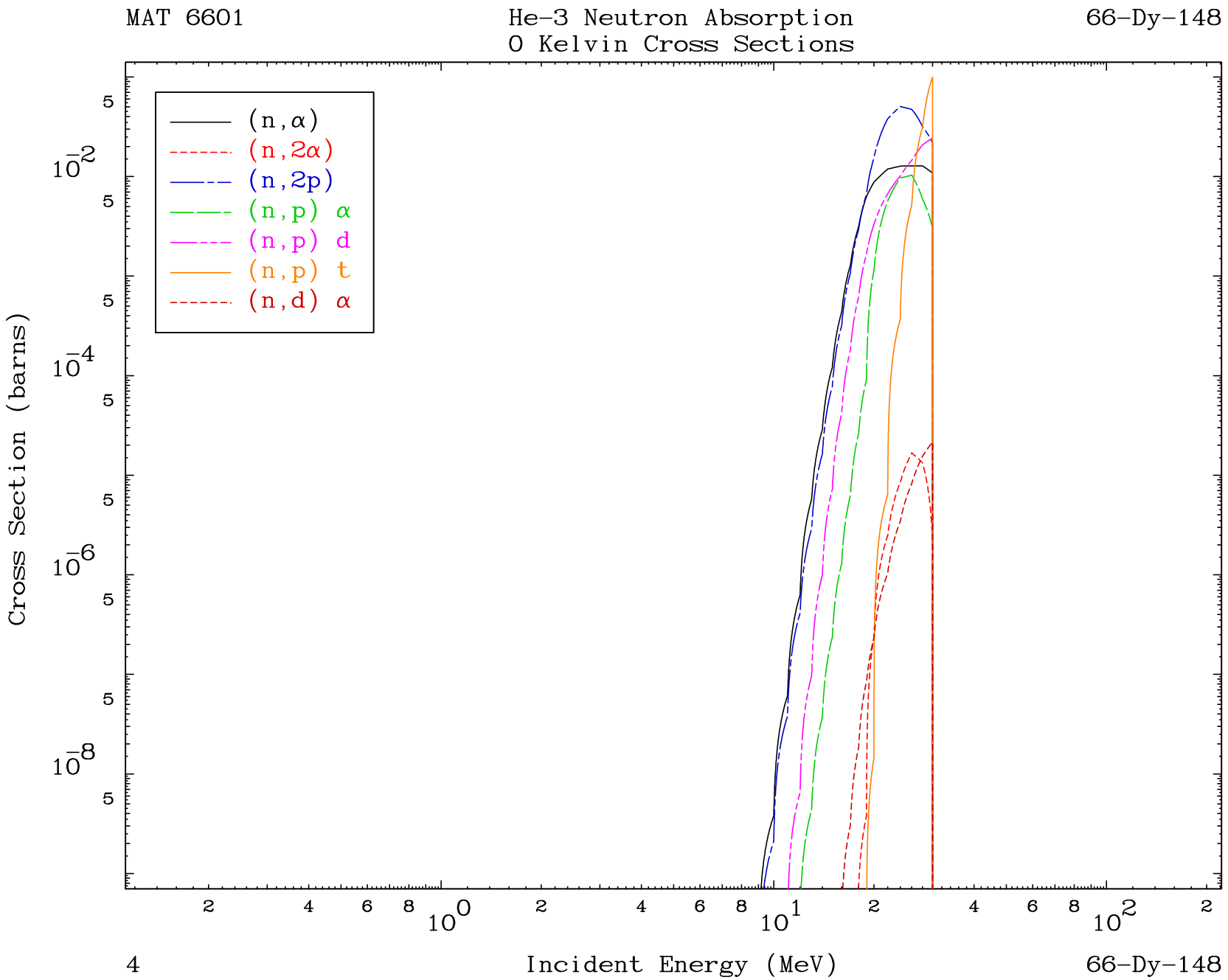
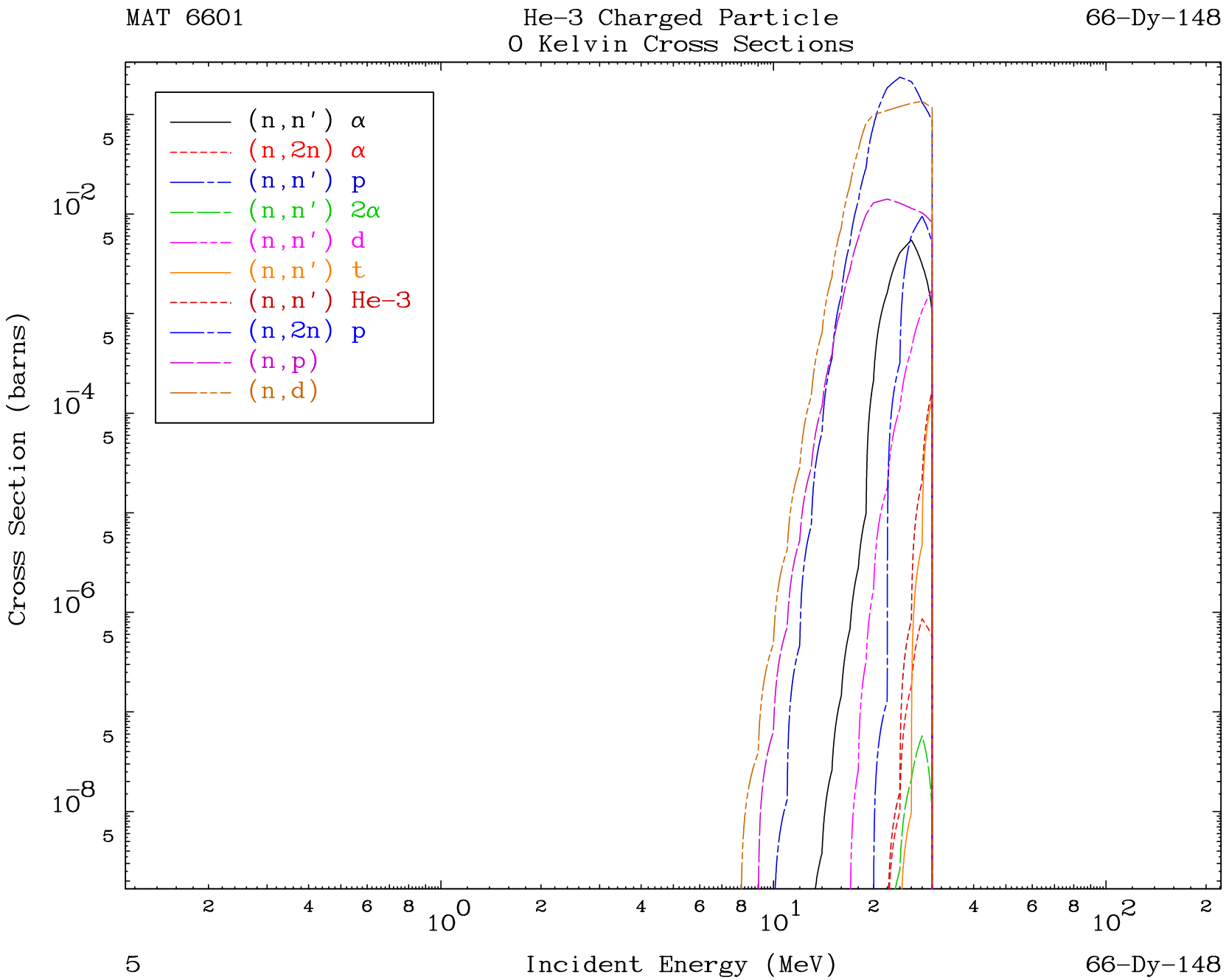
Press Mouse Button to Start

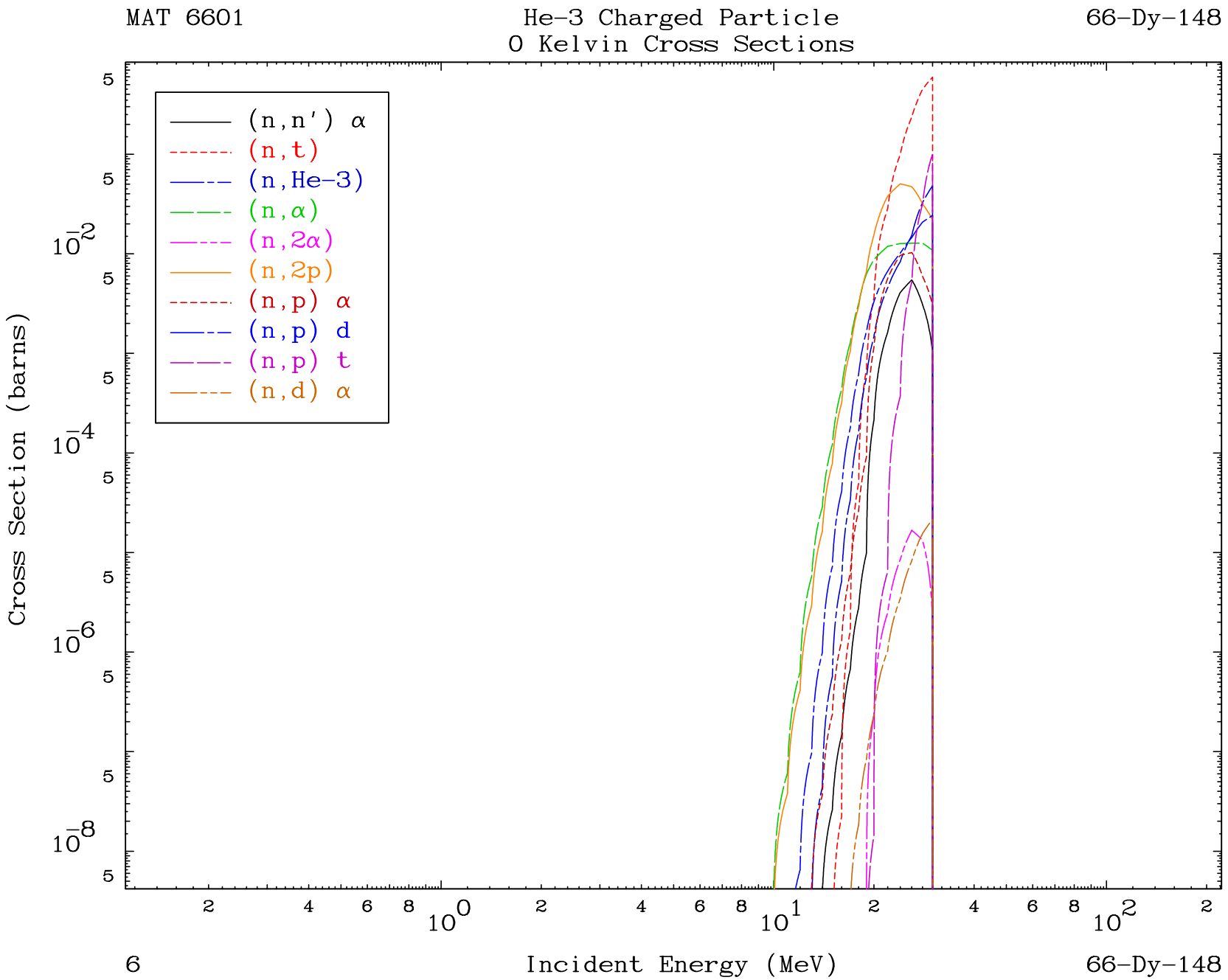

MAT 6601
He-3 Major
66-Dy-148
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-148

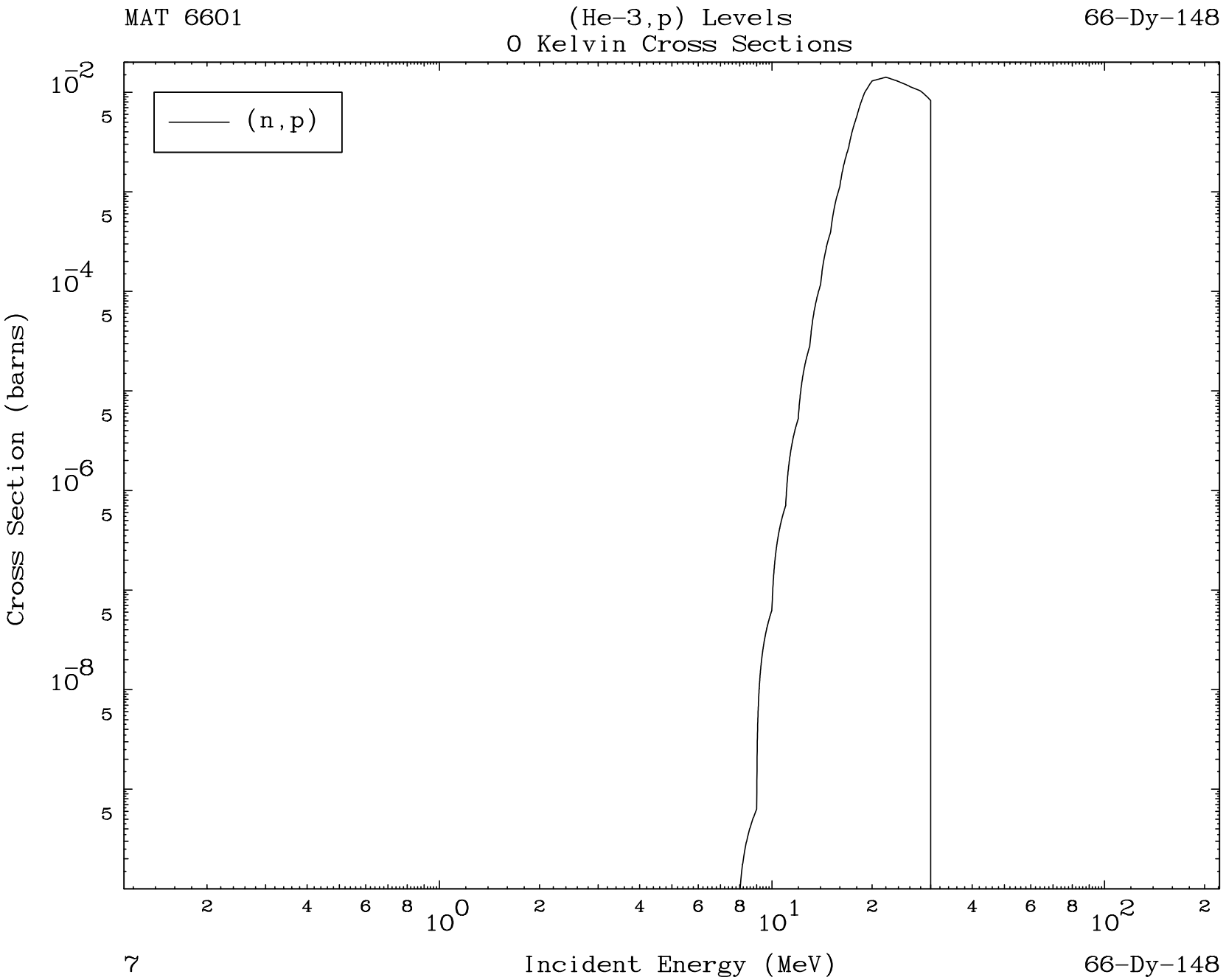

MAT 6601
He-3 Neutron Absorption
0 Kelvin Cross Sections
66-Dy-148
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
66-Dy-148
2

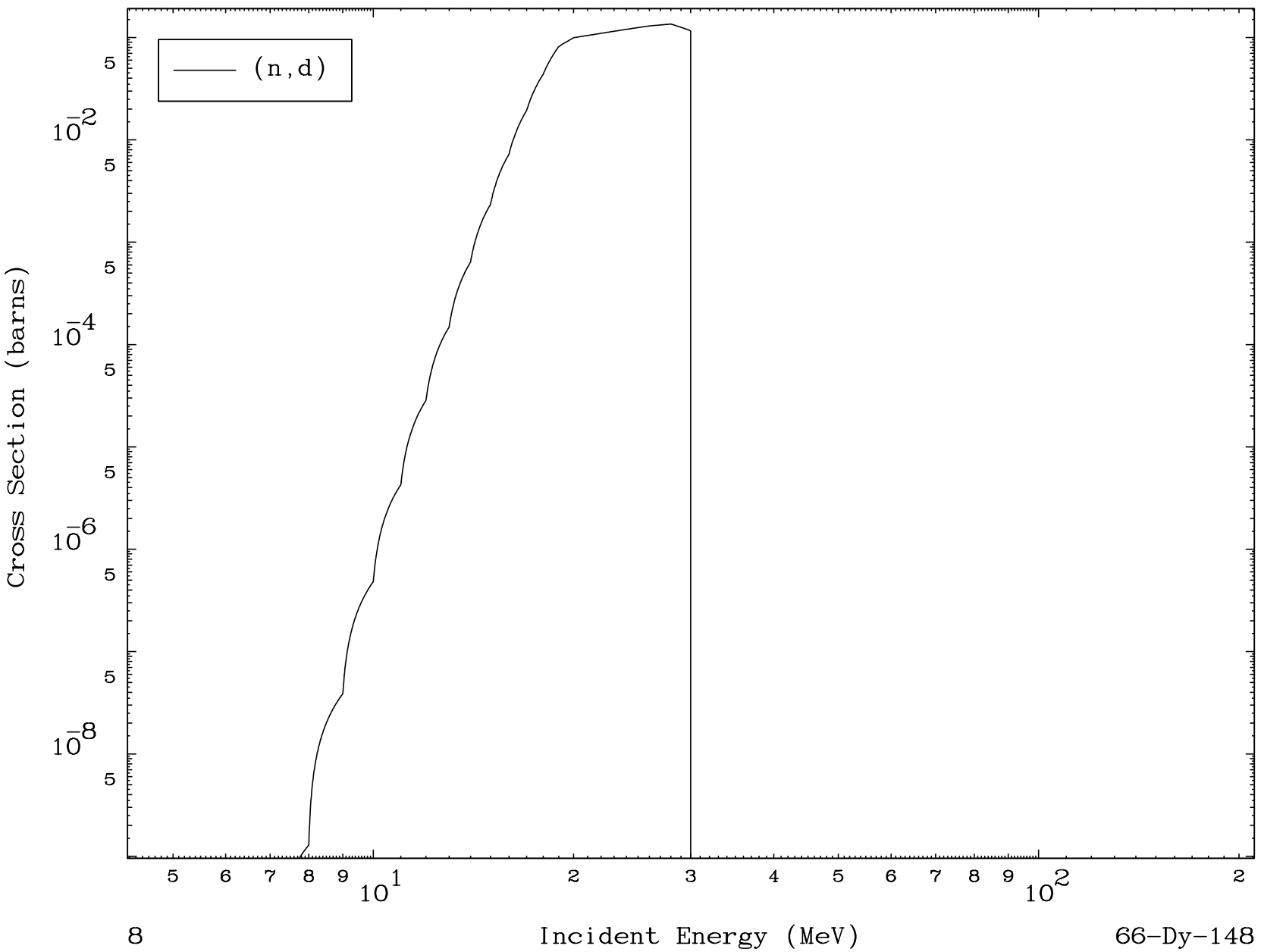

MAT 6601
He-3 Neutron Absorption
0 Kelvin Cross Sections
66-Dy-148
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
66-Dy-148

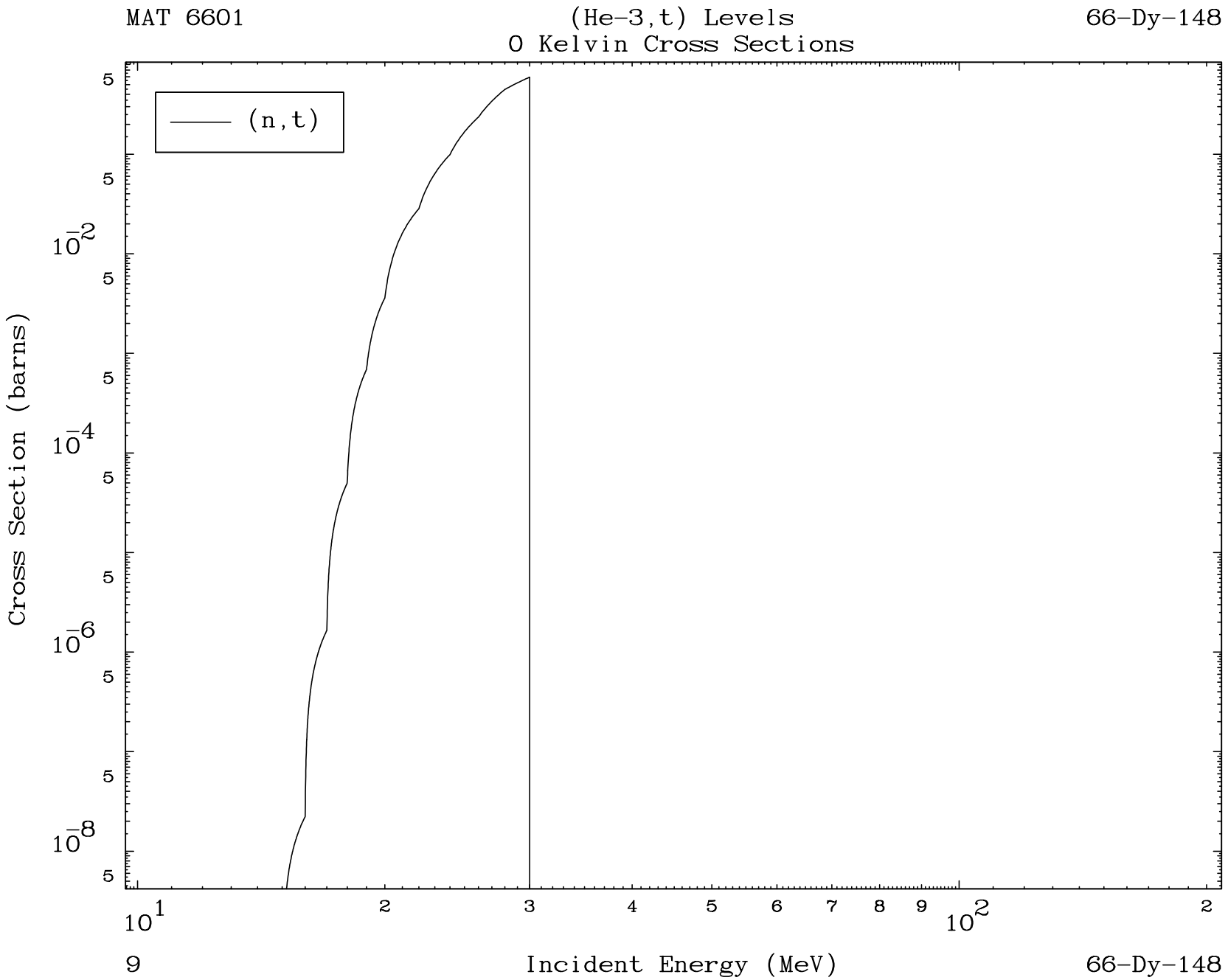

MAT 6601
He-3 Neutron Absorption
0 Kelvin Cross Sections
66-Dy-148
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
66-Dy-148

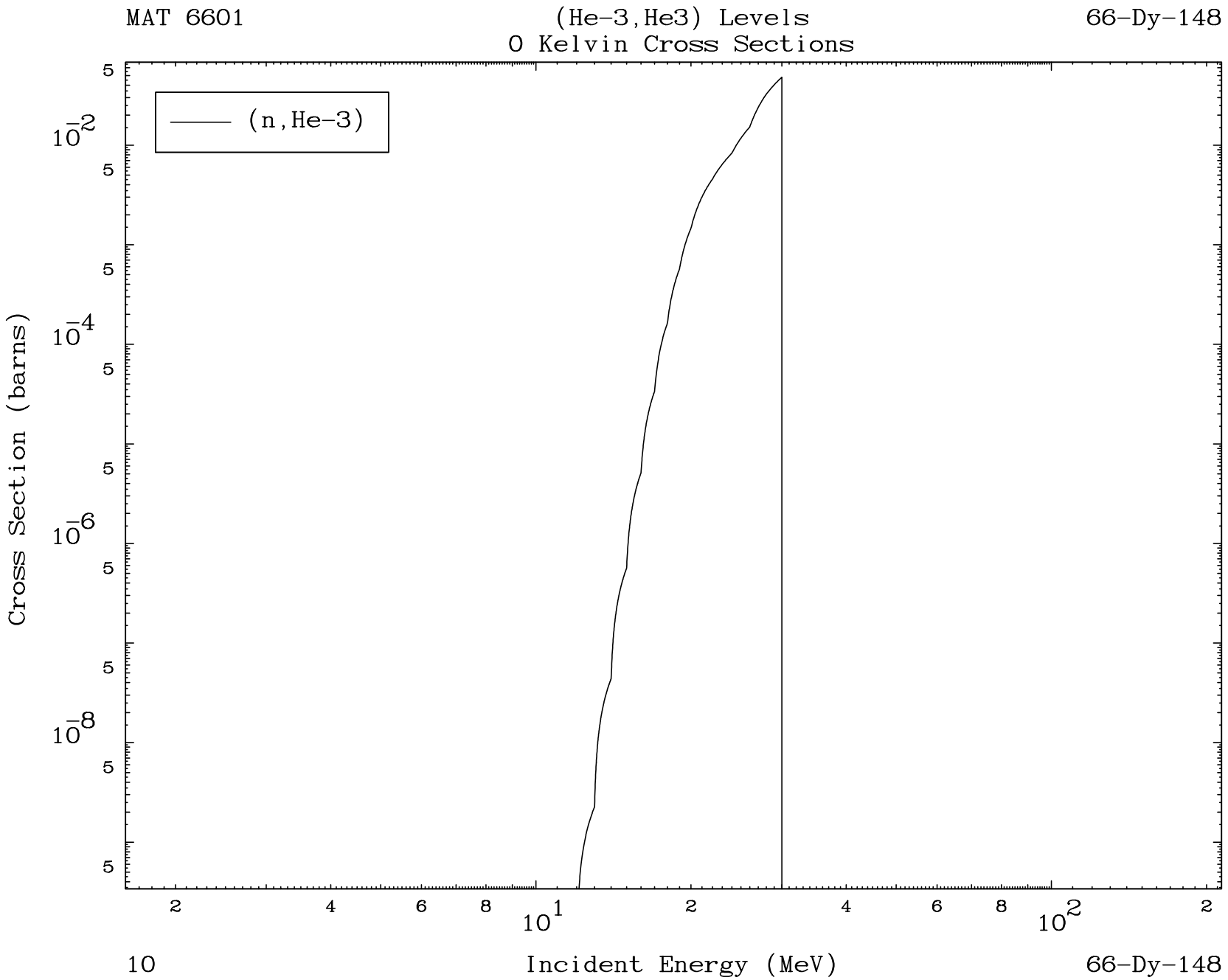

MAT 6601
He-3 Charged Particle
0 Kelvin Cross Sections
66-Dy-148
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-148
5

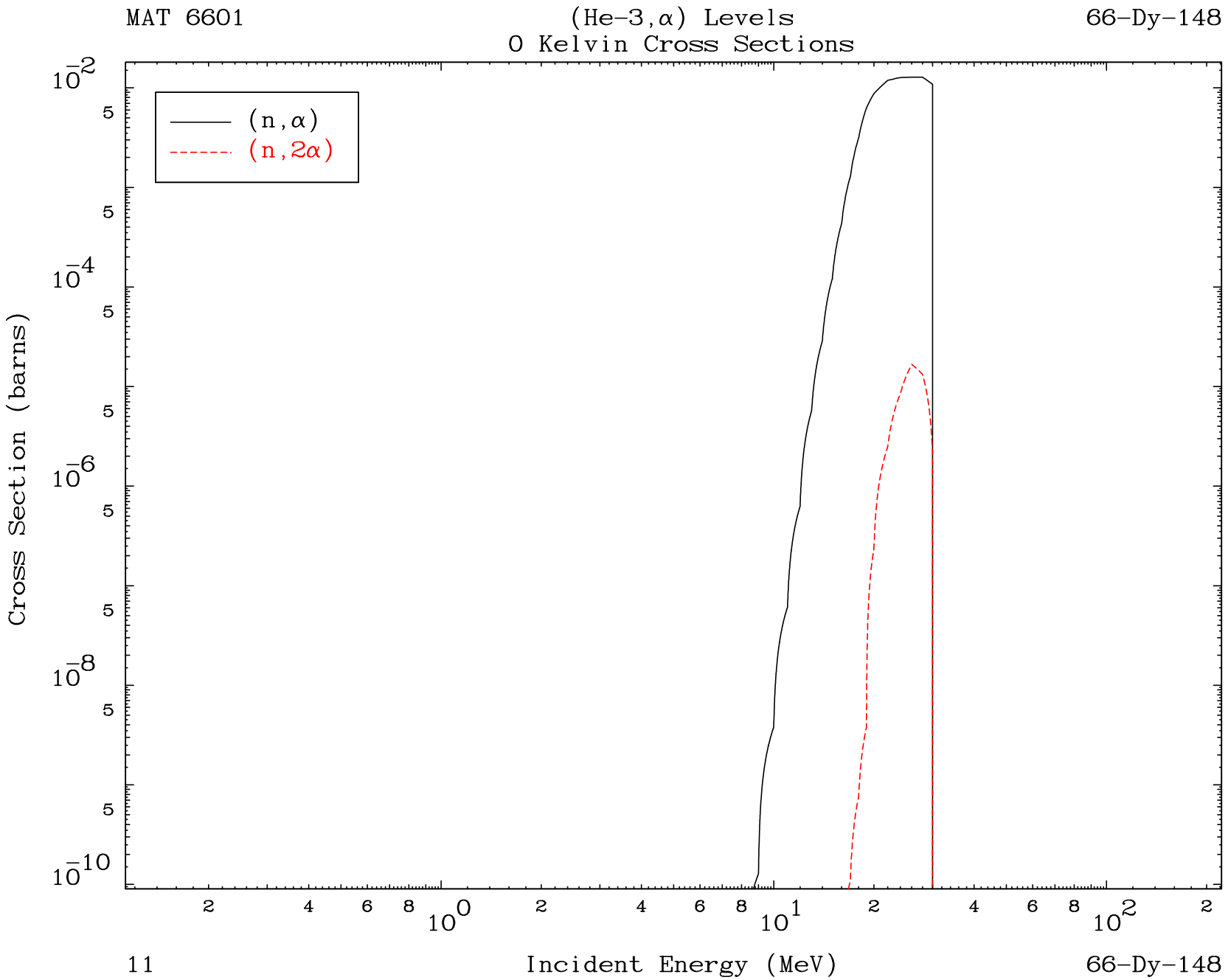

MAT 6601
He-3 Charged Particle
0 Kelvin Cross Sections
66-Dy-148
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
66-Dy-148

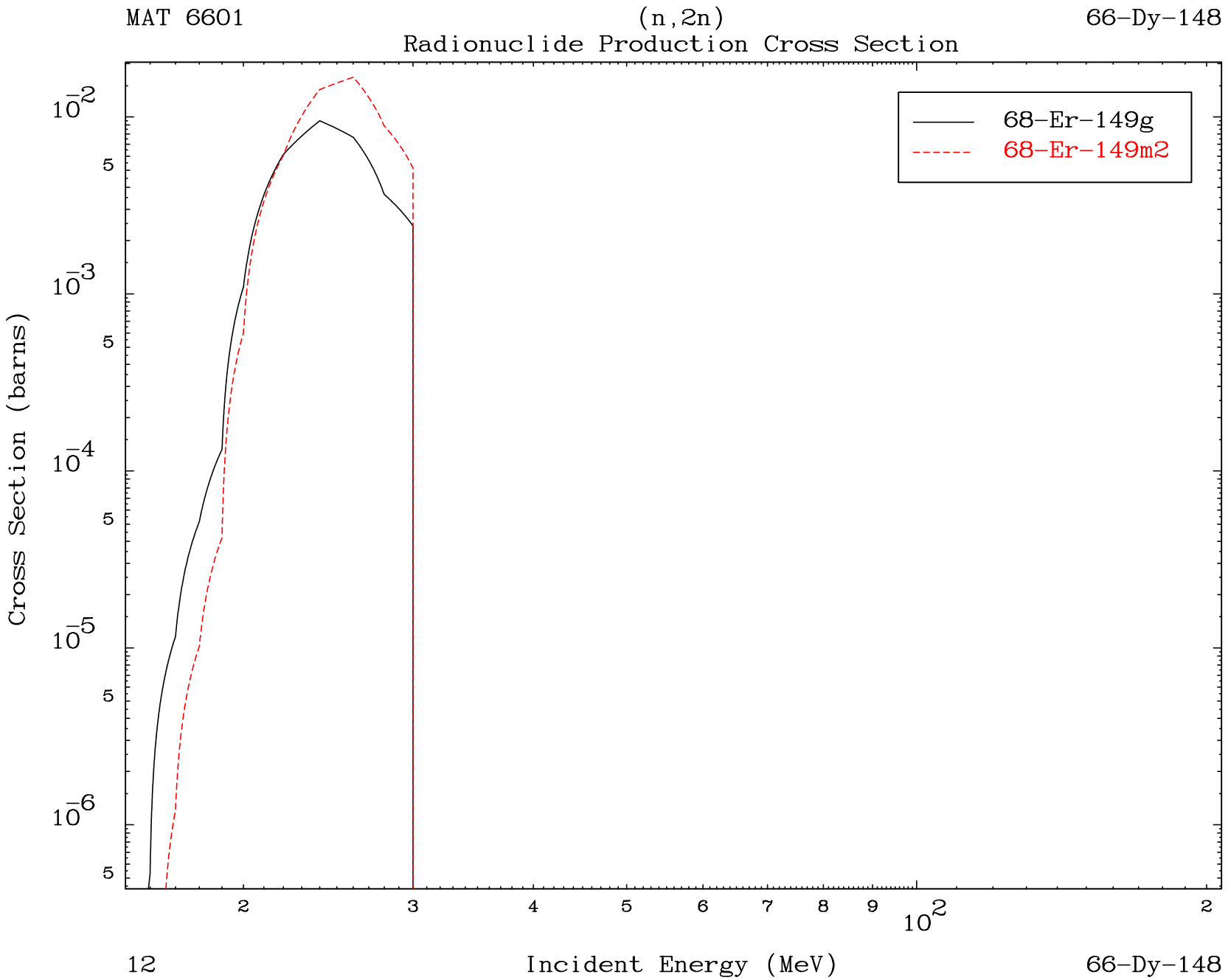

MAT 6601
(He-3,p) Levels
66-Dy-148
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
66-Dy-148

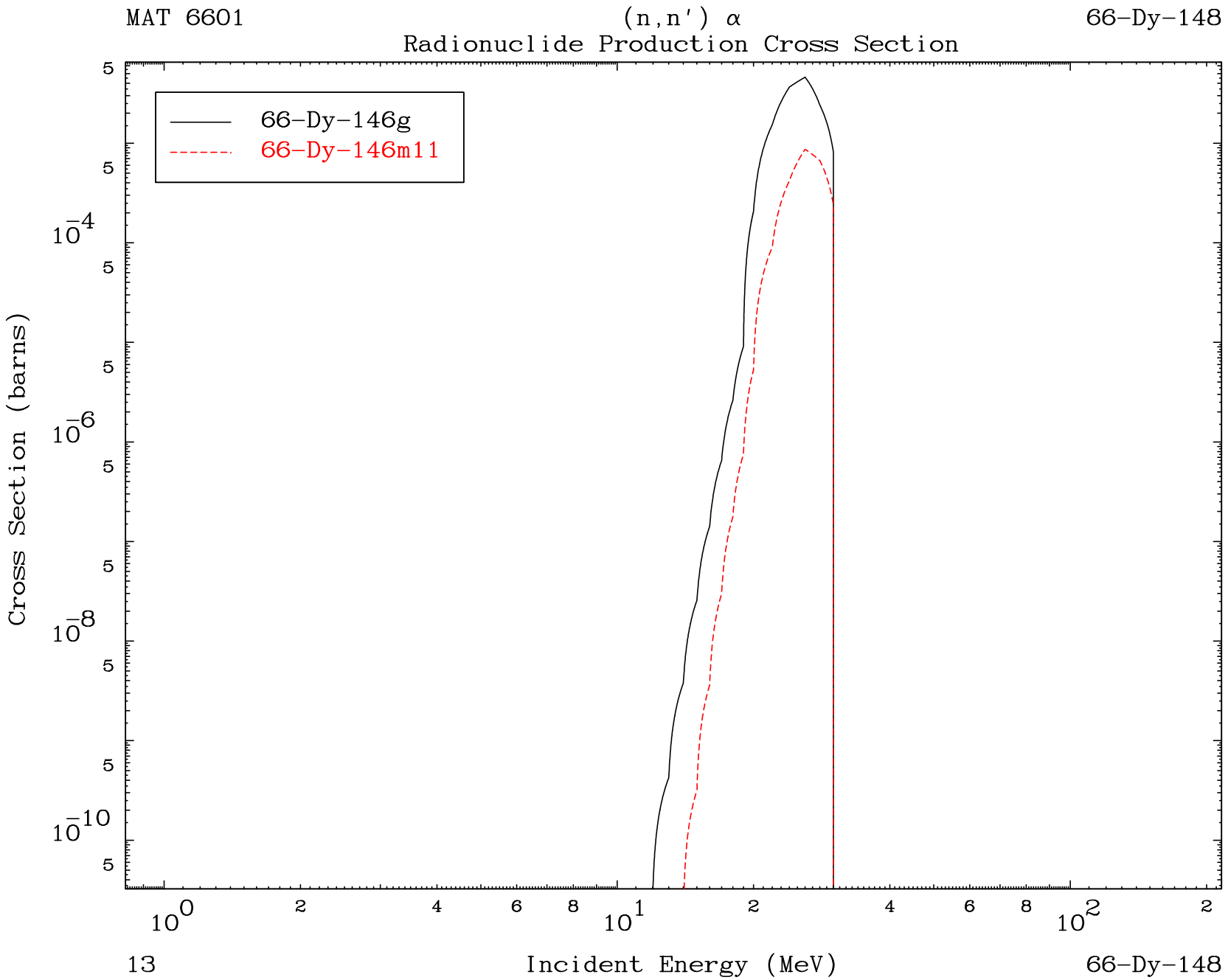

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
5
5
5
5
5
5
5
5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)

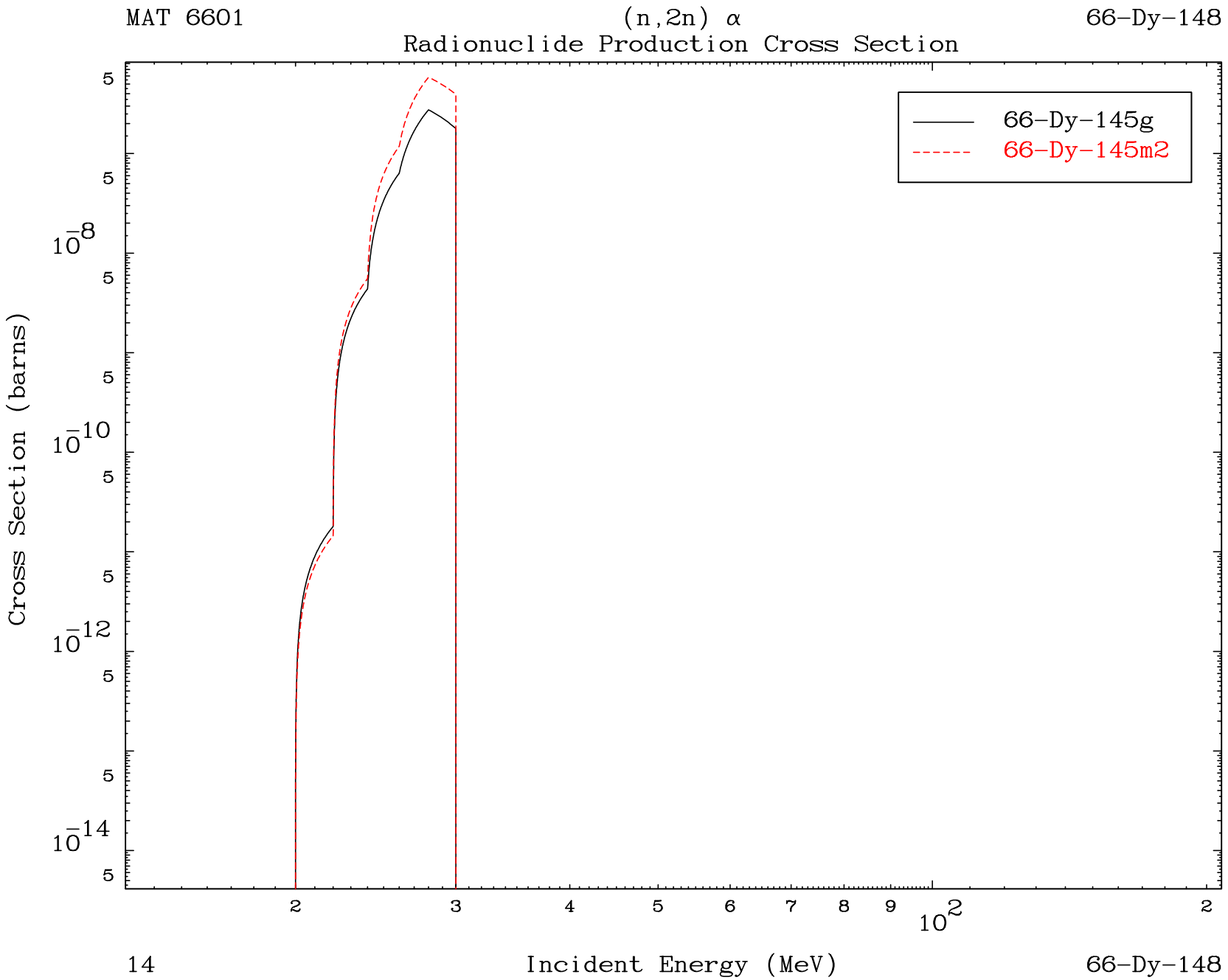

MAT 6601
(He-3,t) Levels
66-Dy-148
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-148
9

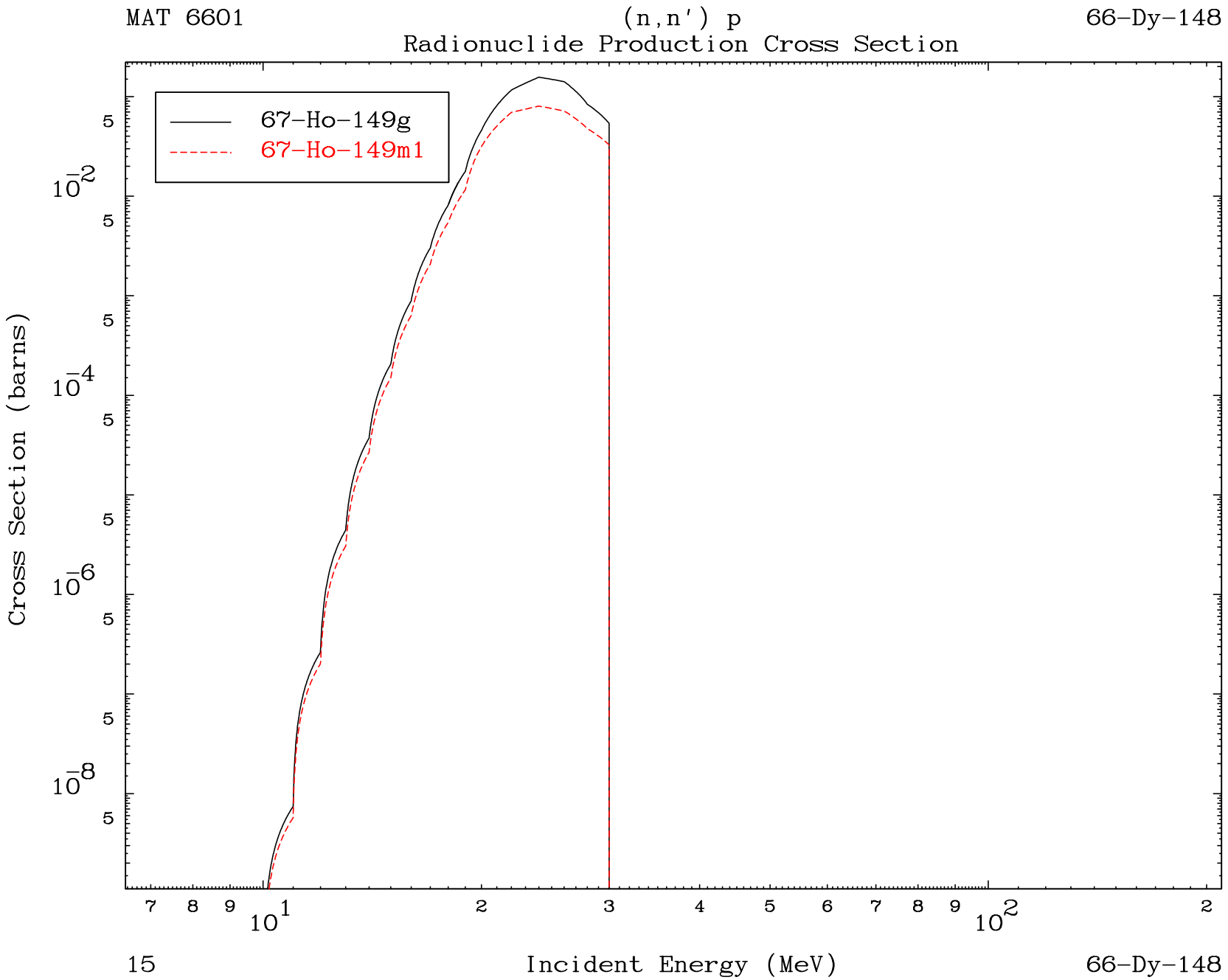

MAT 6601
(He-3,He3) Levels
66-Dy-148
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-148

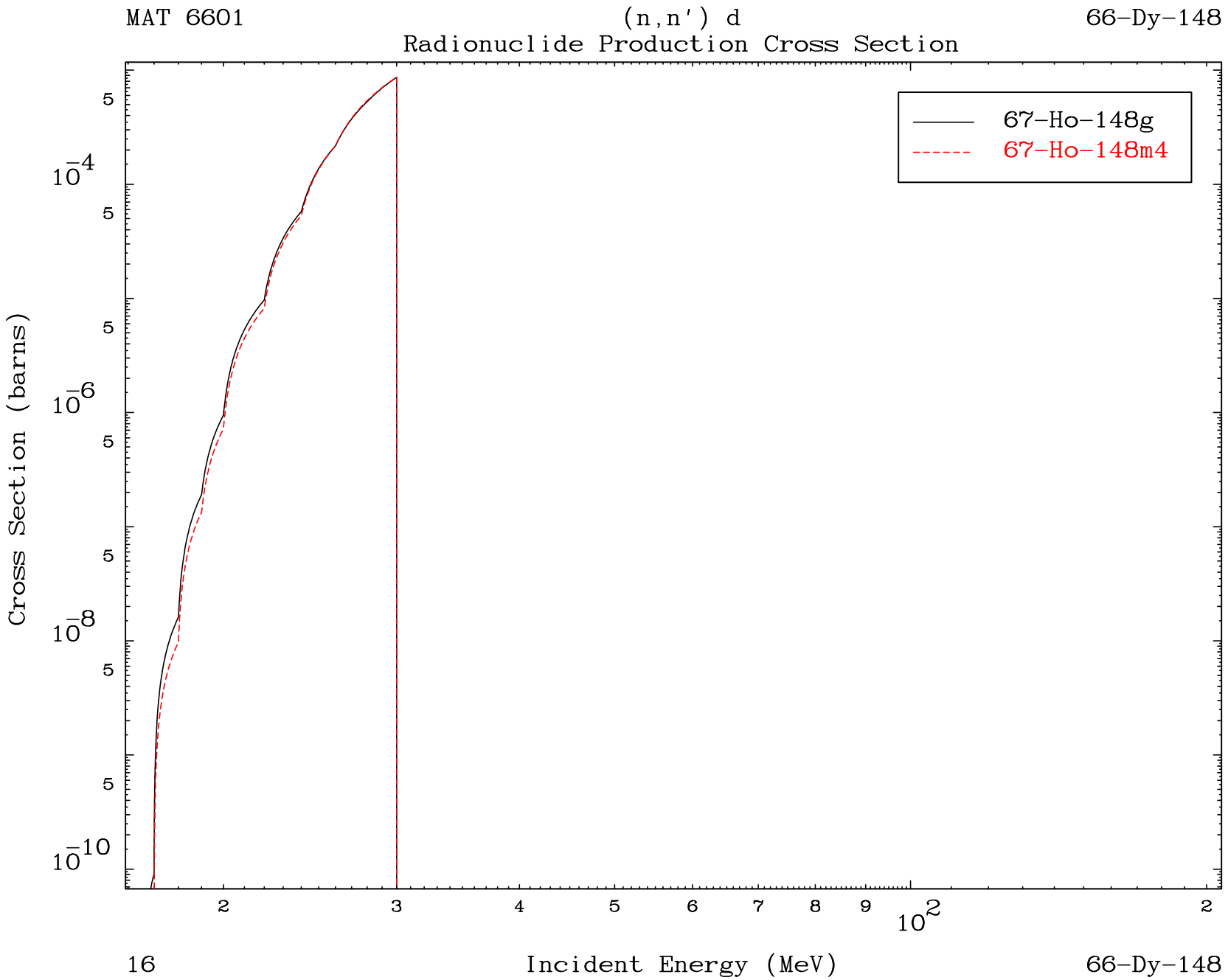

MAT 6601
(He-3,α) Levels
0 Kelvin Cross Sections
66-Dy-148
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
66-Dy-148

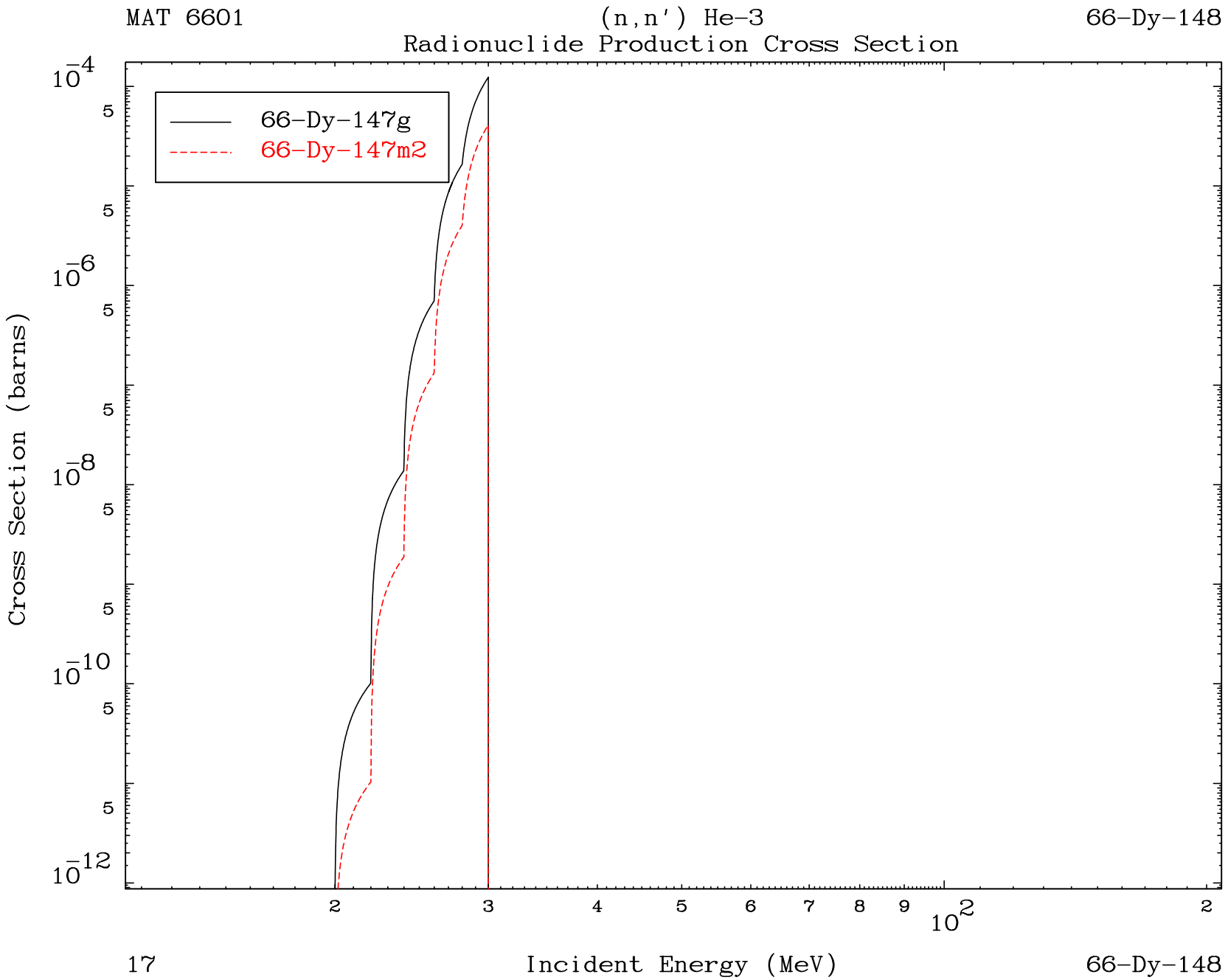

MAT 6601
(n,2n)
66-Dy-148
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
66-Dy-148

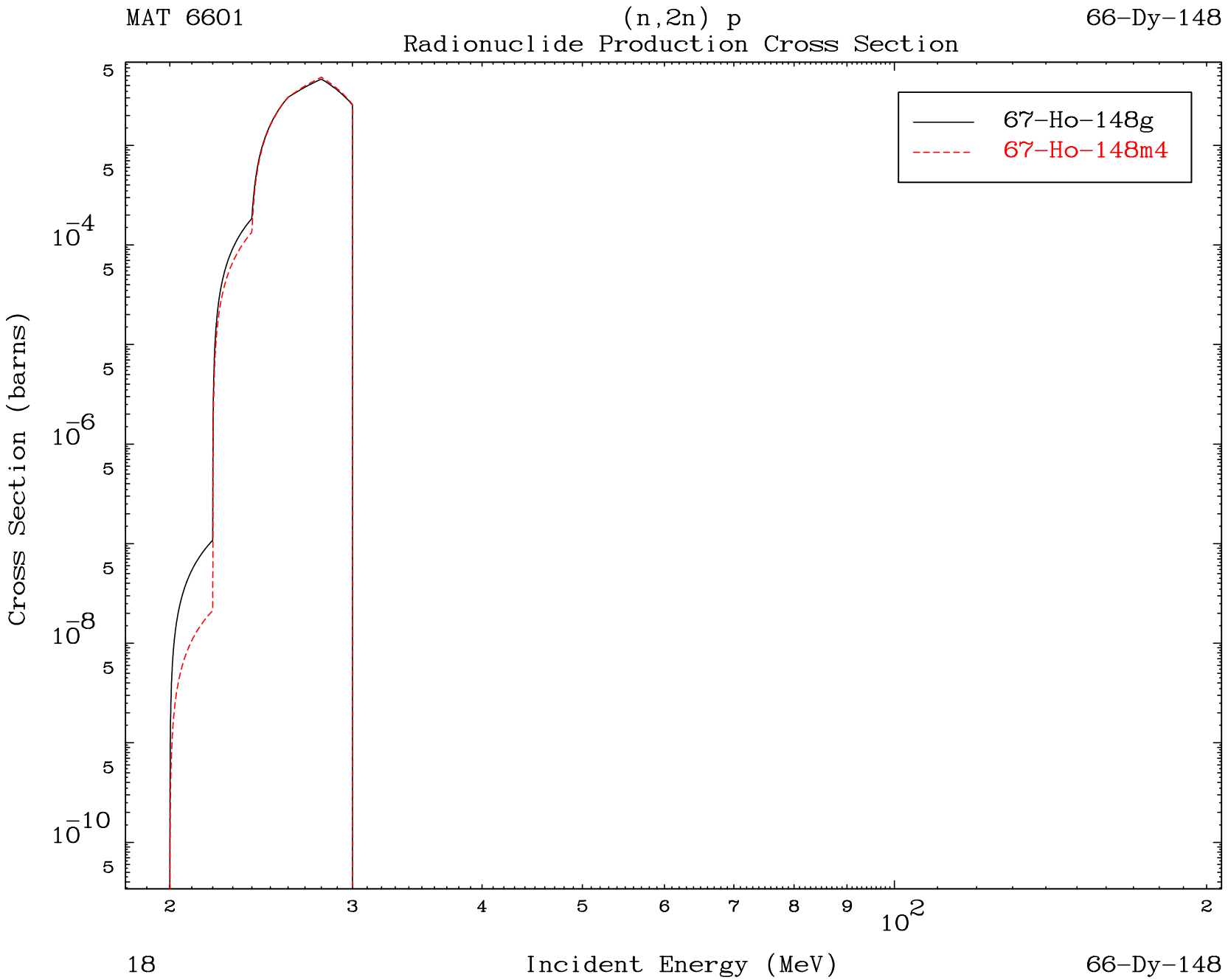

MAT 6601
(n,n') α
66-Dy-148
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
Incident Energy (MeV)
13
66-Dy-148

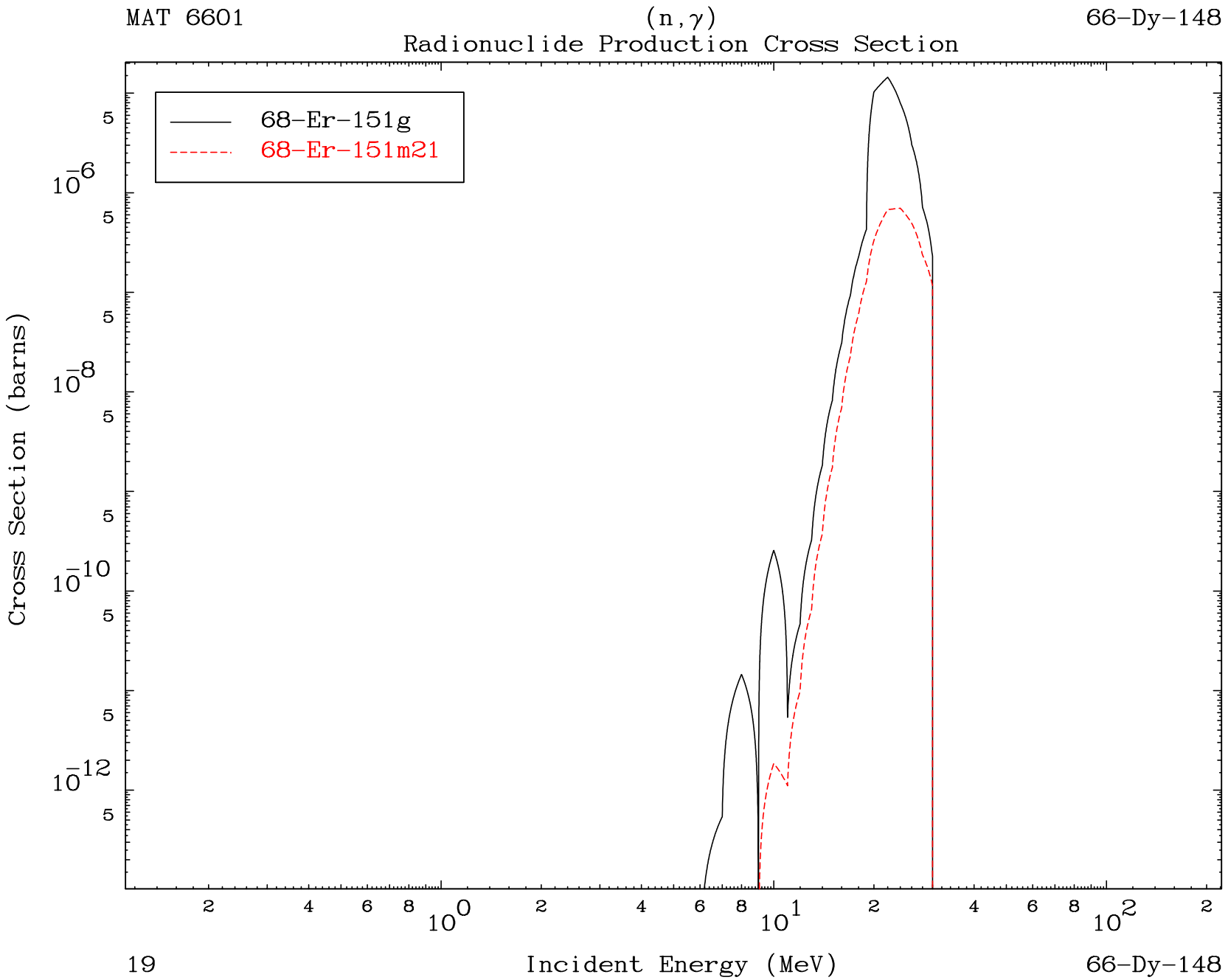

MAT 6601
(n,2n) α
66-Dy-148
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
Incident Energy (MeV)
14
66-Dy-148

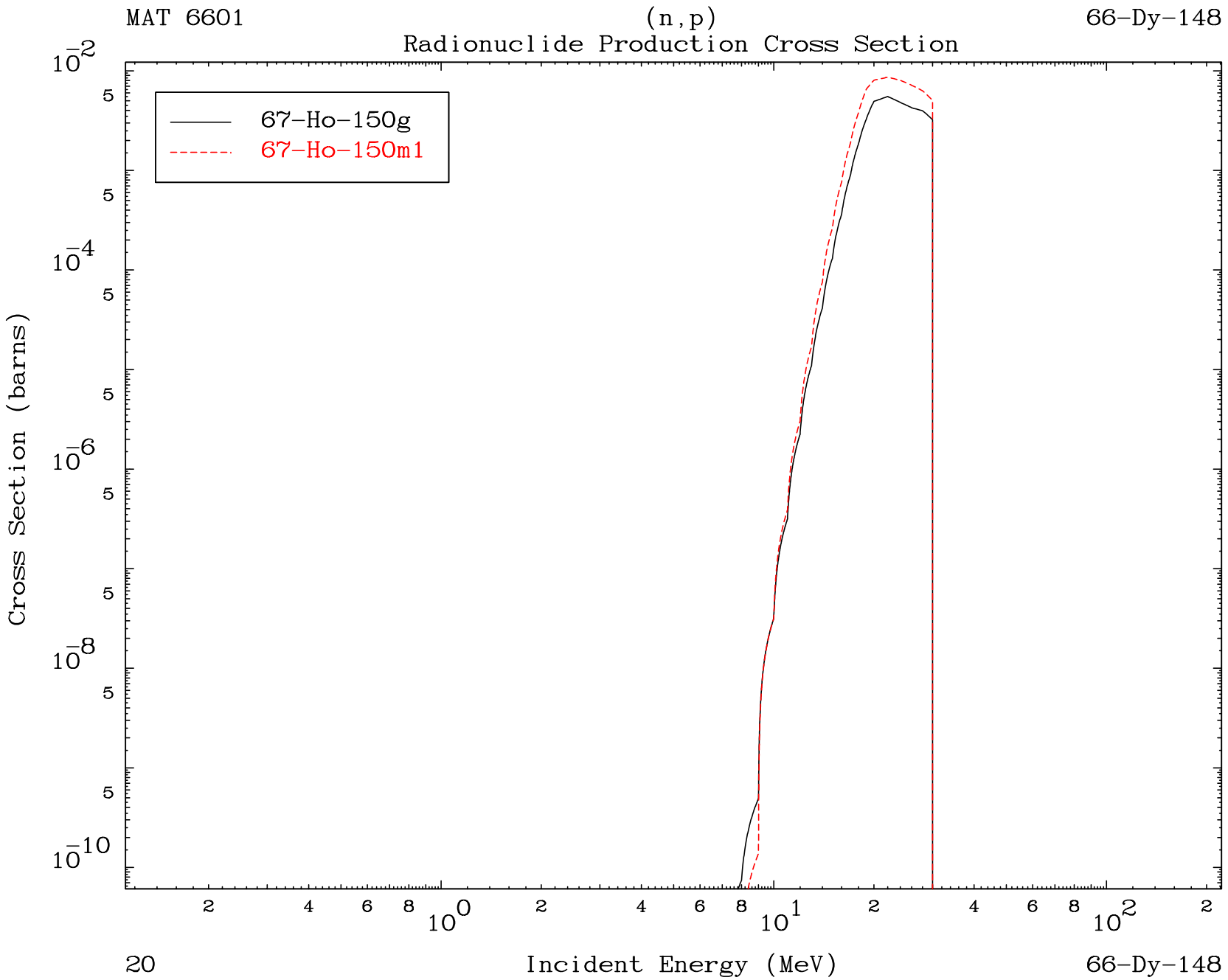

MAT 6601
(n,n') p
66-Dy-148
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
15
66-Dy-148

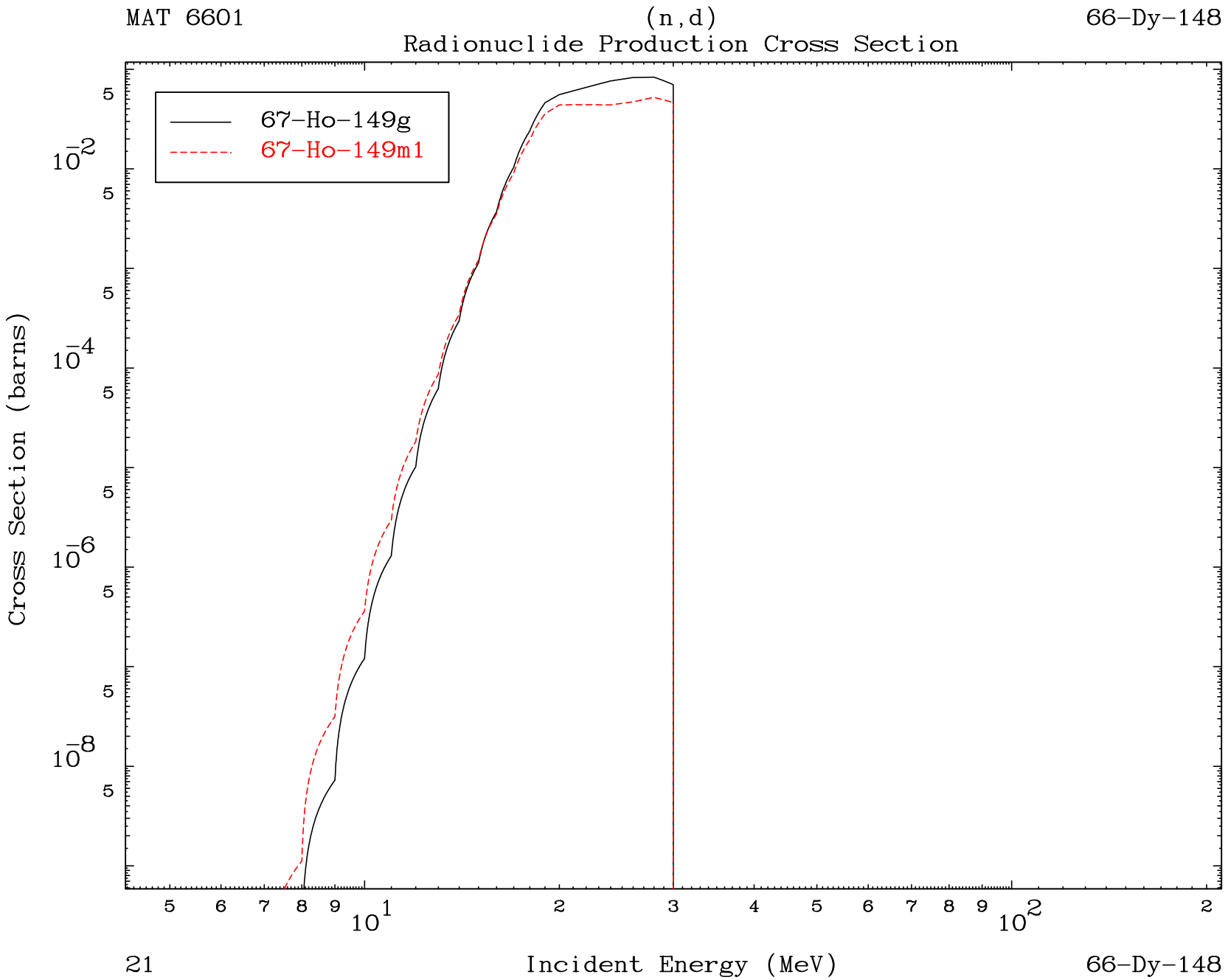

MAT 6601
(n,n') d
66-Dy-148
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
66-Dy-148

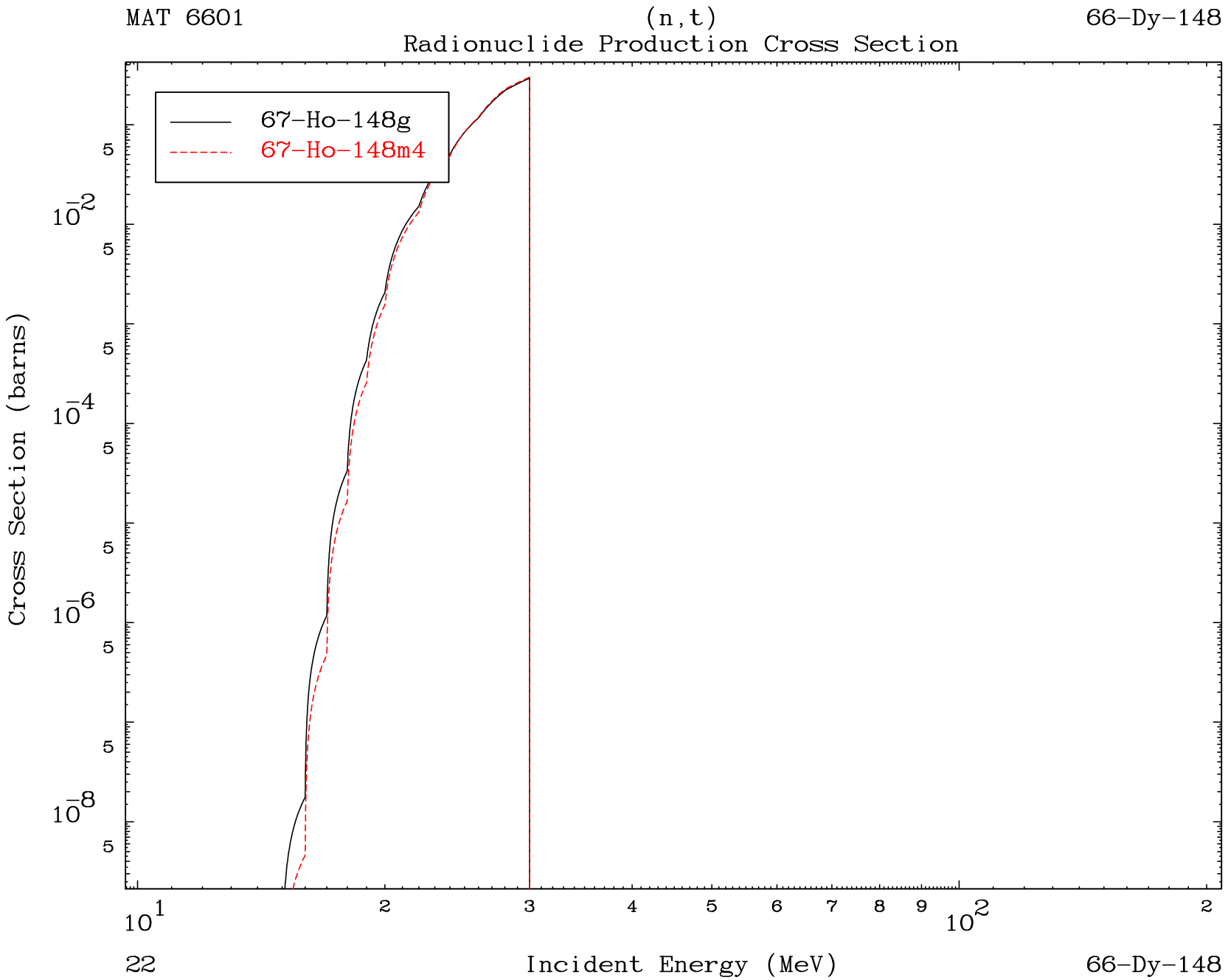

MAT 6601
(n,n') He-3
66-Dy-148
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
66-Dy-148

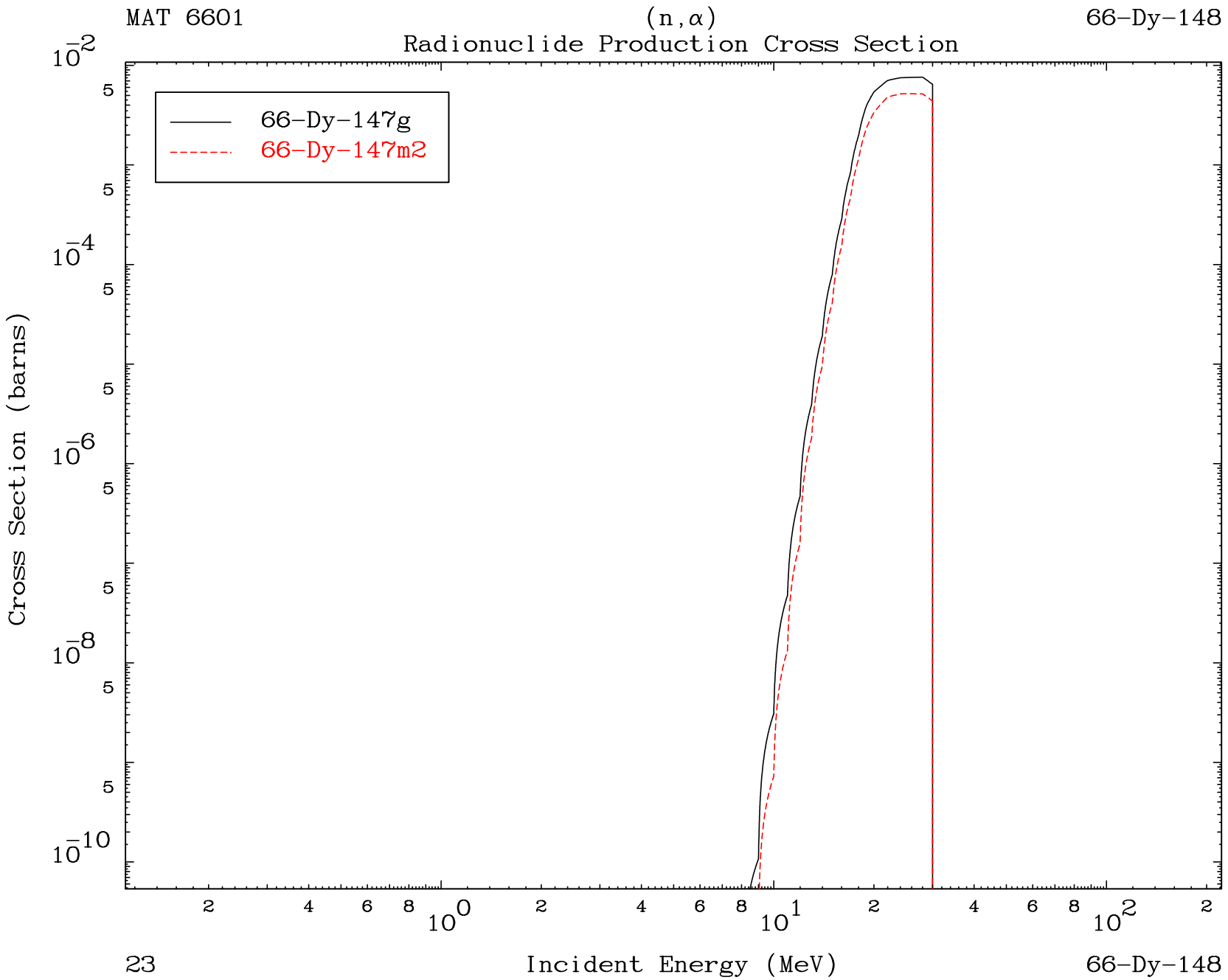

MAT 6601
(n,2n) p
66-Dy-148
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
Incident Energy (MeV)
18
66-Dy-148

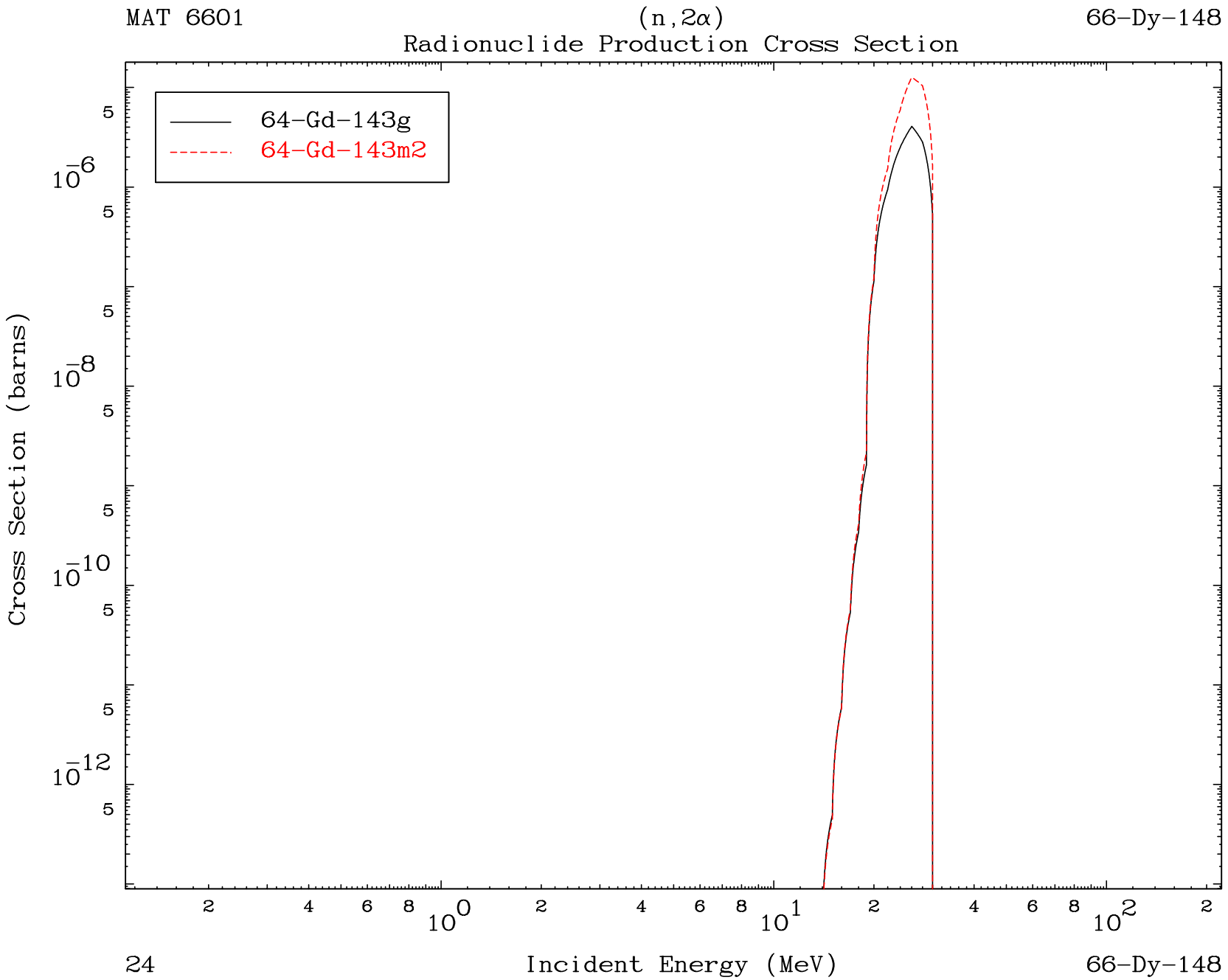

MAT 6601
(n,γ)
66-Dy-148
Radionuclide Production Cross Section
68-Er-151g
68-Er-151m21
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
19
66-Dy-148

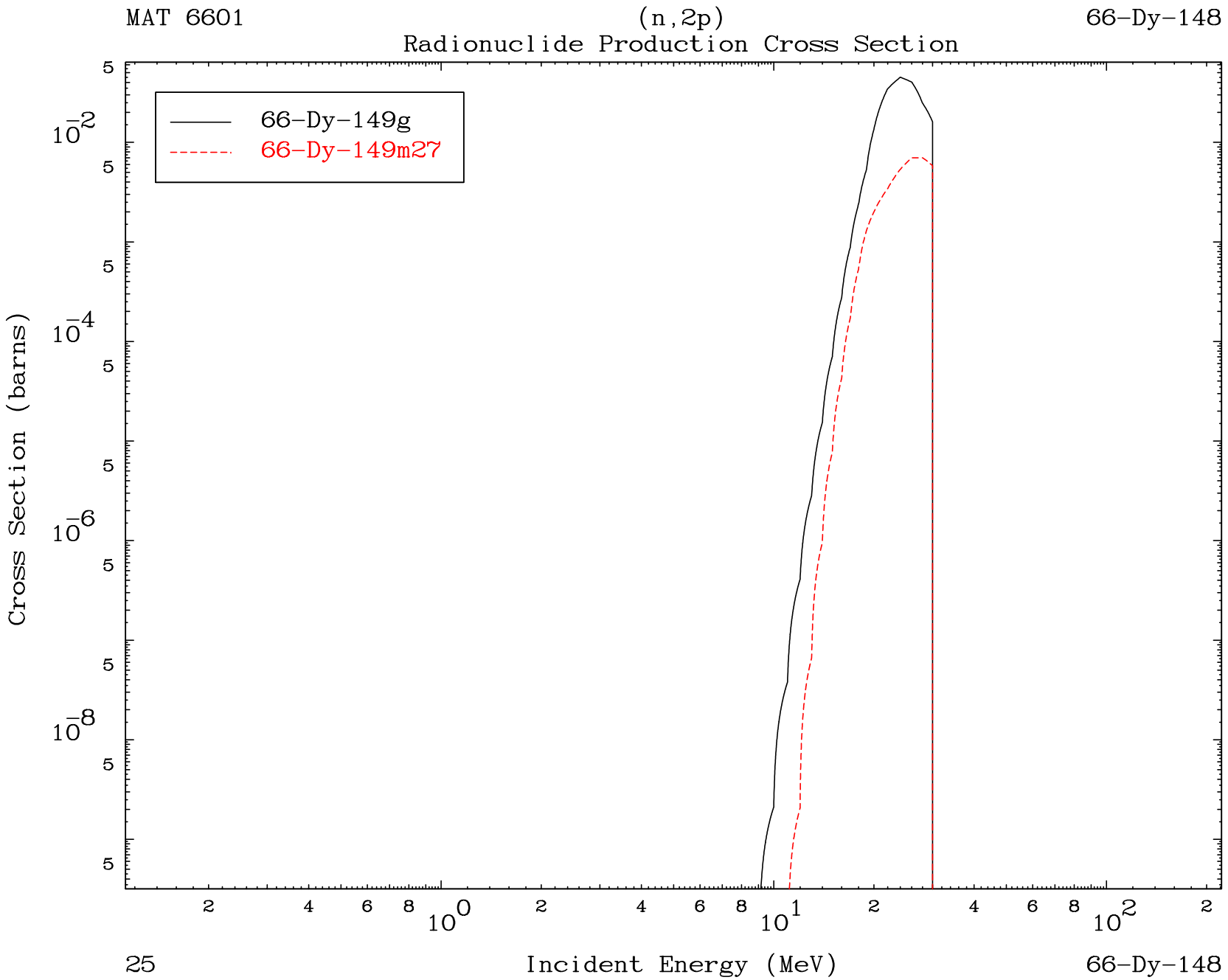

MAT 6601
(n,p)
66-Dy-148
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
20
66-Dy-148

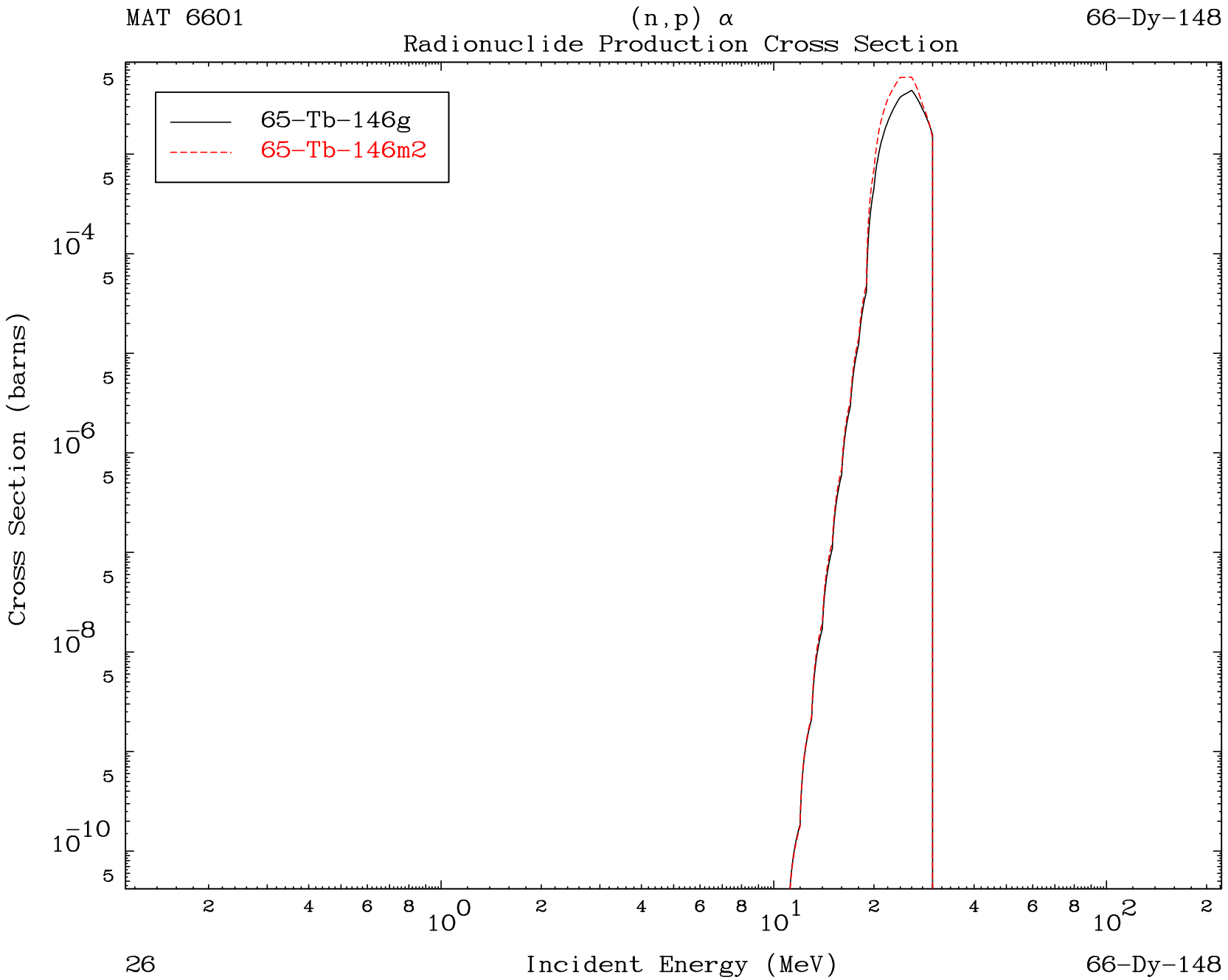

MAT 6601
(n,d)
66-Dy-148
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
Incident Energy (MeV)
21
66-Dy-148

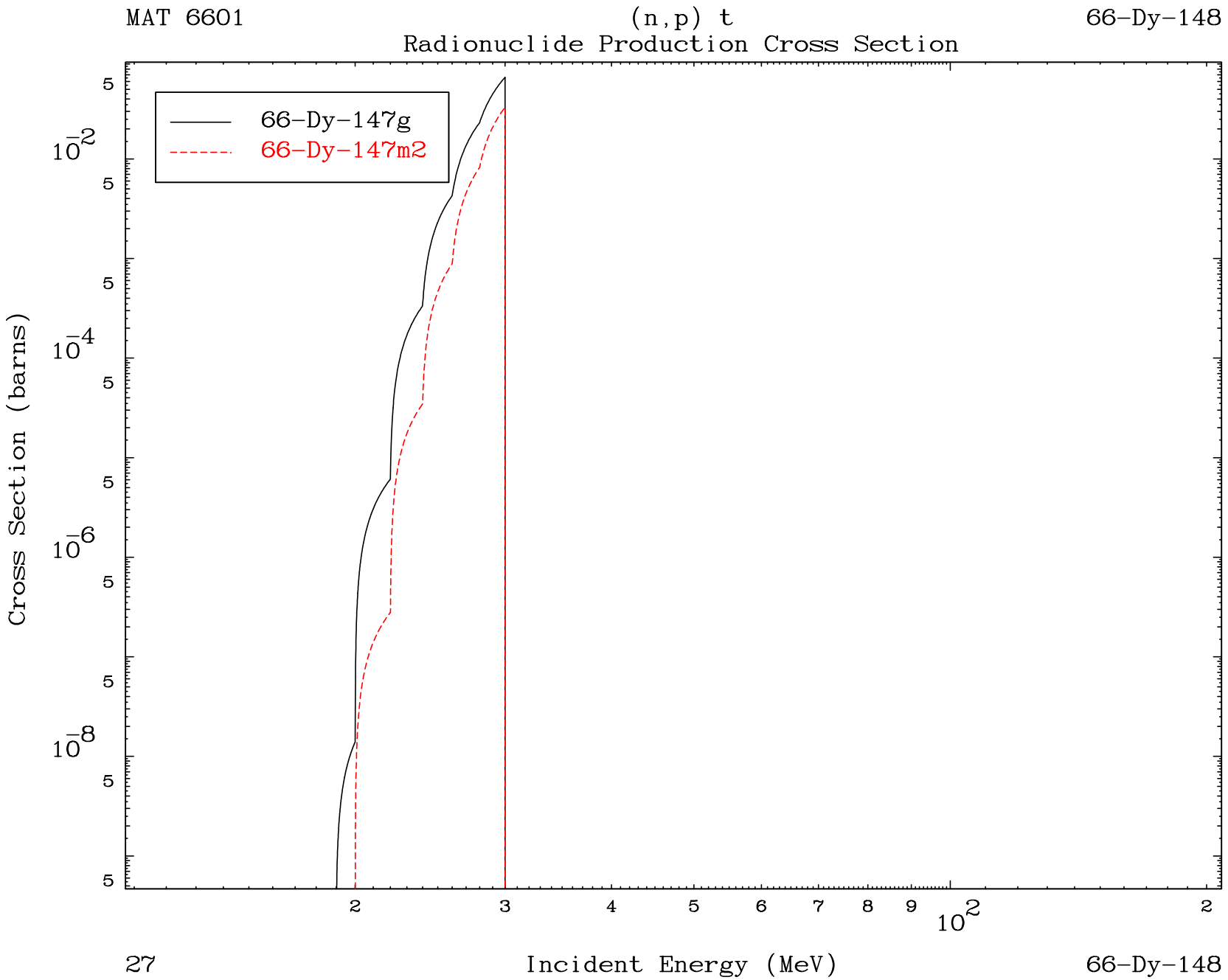

MAT 6601
(n,t)
66-Dy-148
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
66-Dy-148


MAT 6601
(n,α)
66-Dy-148
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
Incident Energy (MeV)
23
66-Dy-148


MAT 6601
(n,2α)
66-Dy-148
Radionuclide Production Cross Section
64-Gd-143g
64-Gd-143m2
Cross Section (barns)
Incident Energy (MeV)
24
66-Dy-148


MAT 6601
(n,2p)
66-Dy-148
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
Incident Energy (MeV)
25
66-Dy-148


MAT 6601
(n,p) α
66-Dy-148
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
Incident Energy (MeV)
26
66-Dy-148


MAT 6601
(n,p) t
66-Dy-148
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10+2
2
27
Incident Energy (MeV)
66-Dy-148