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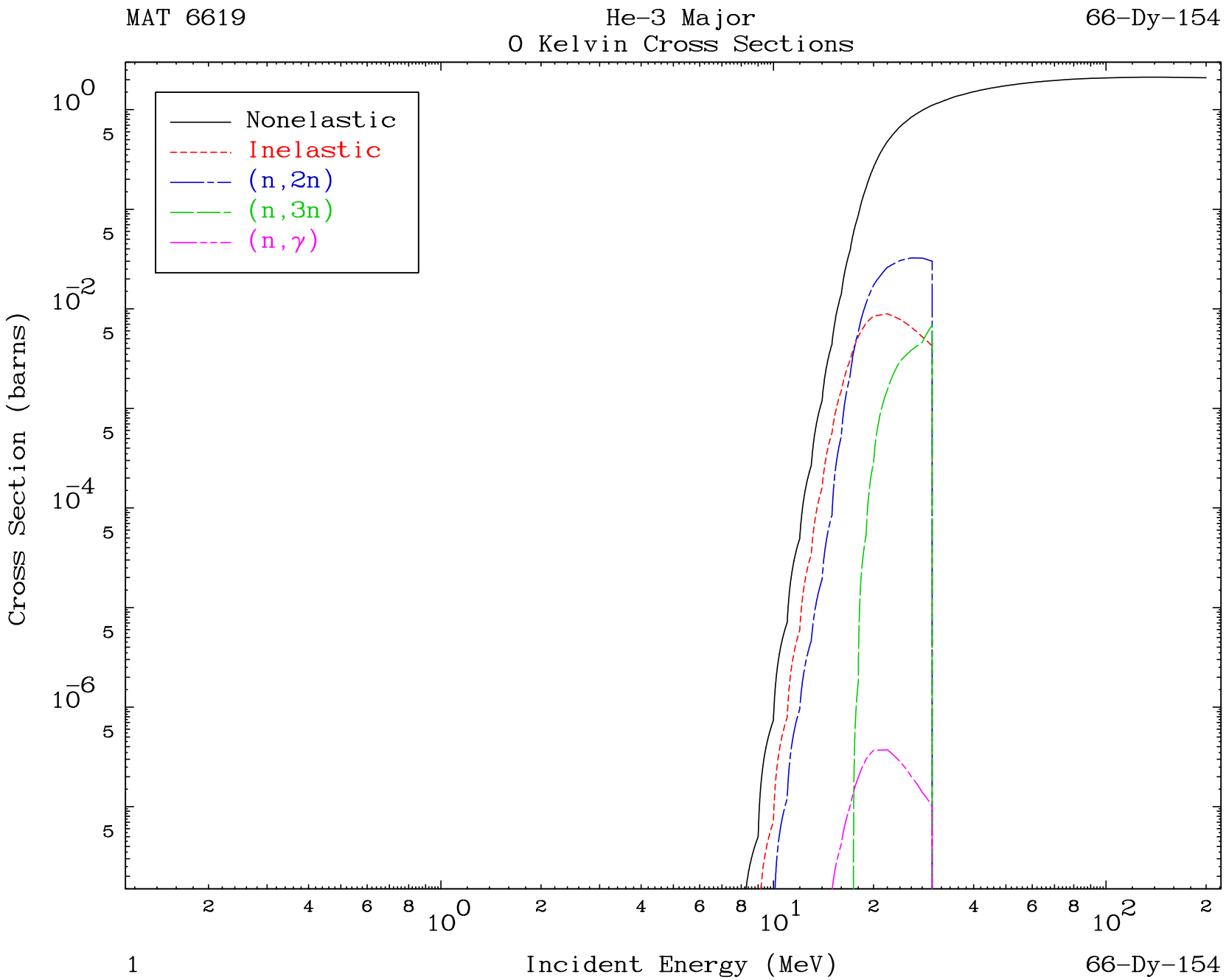
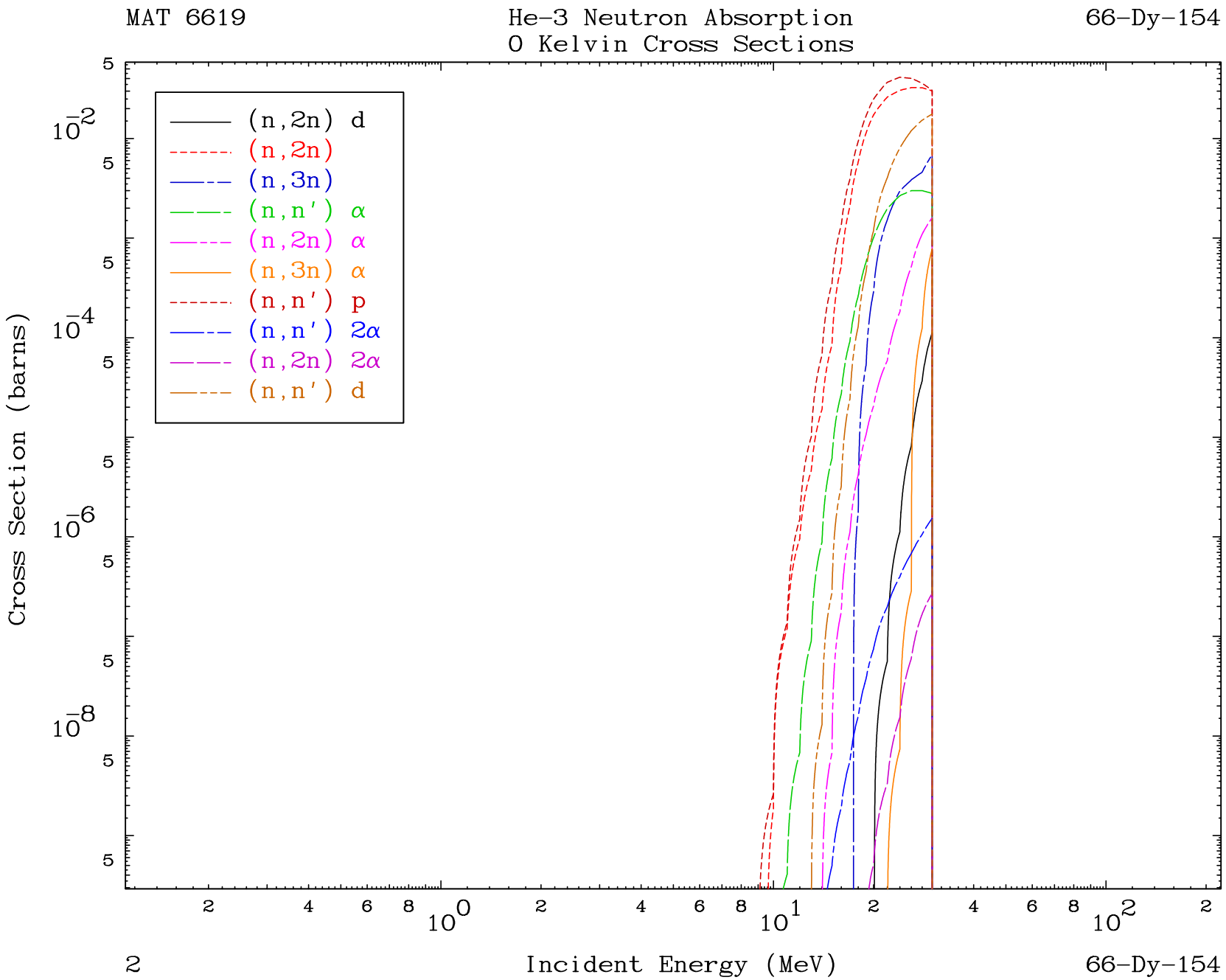
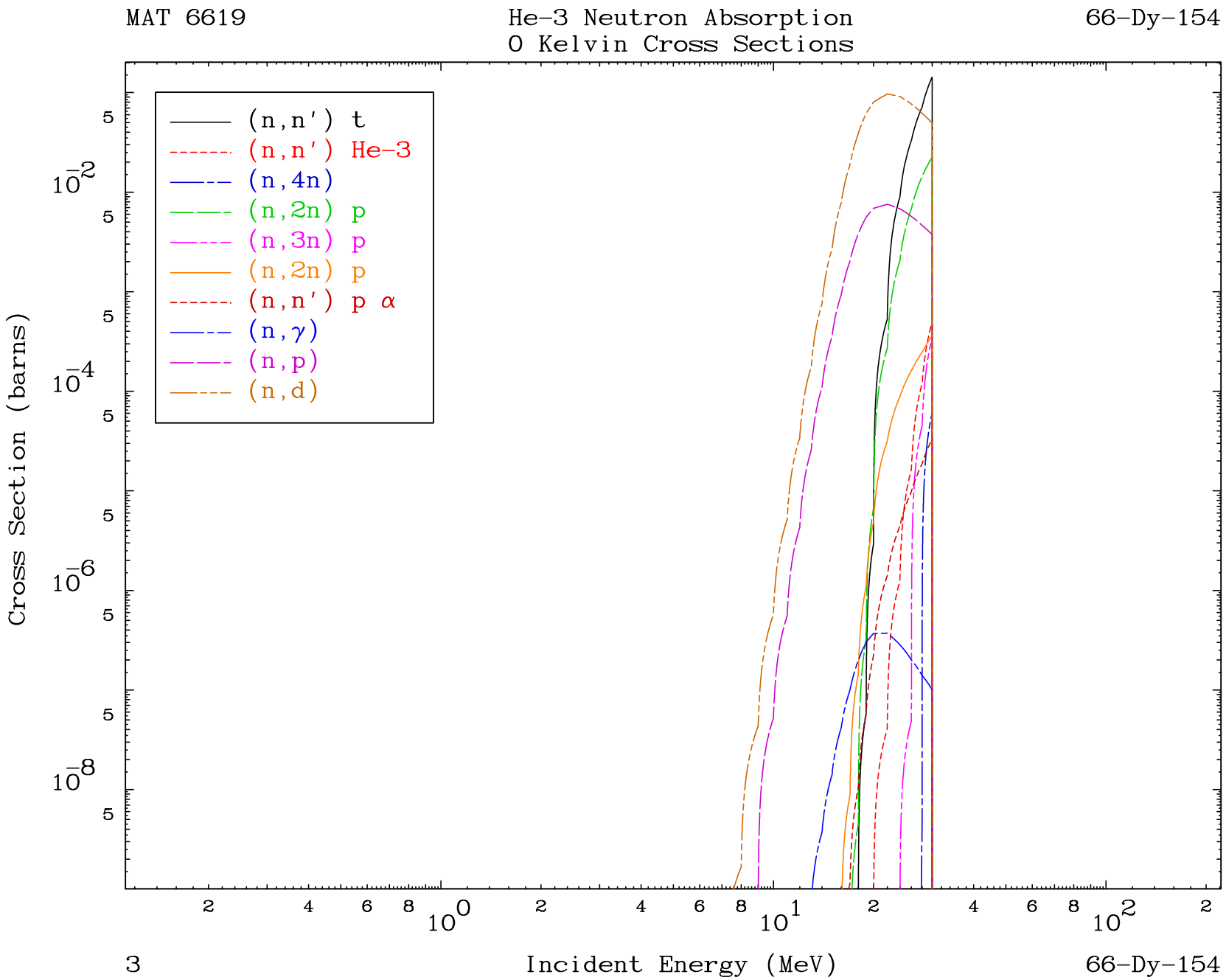
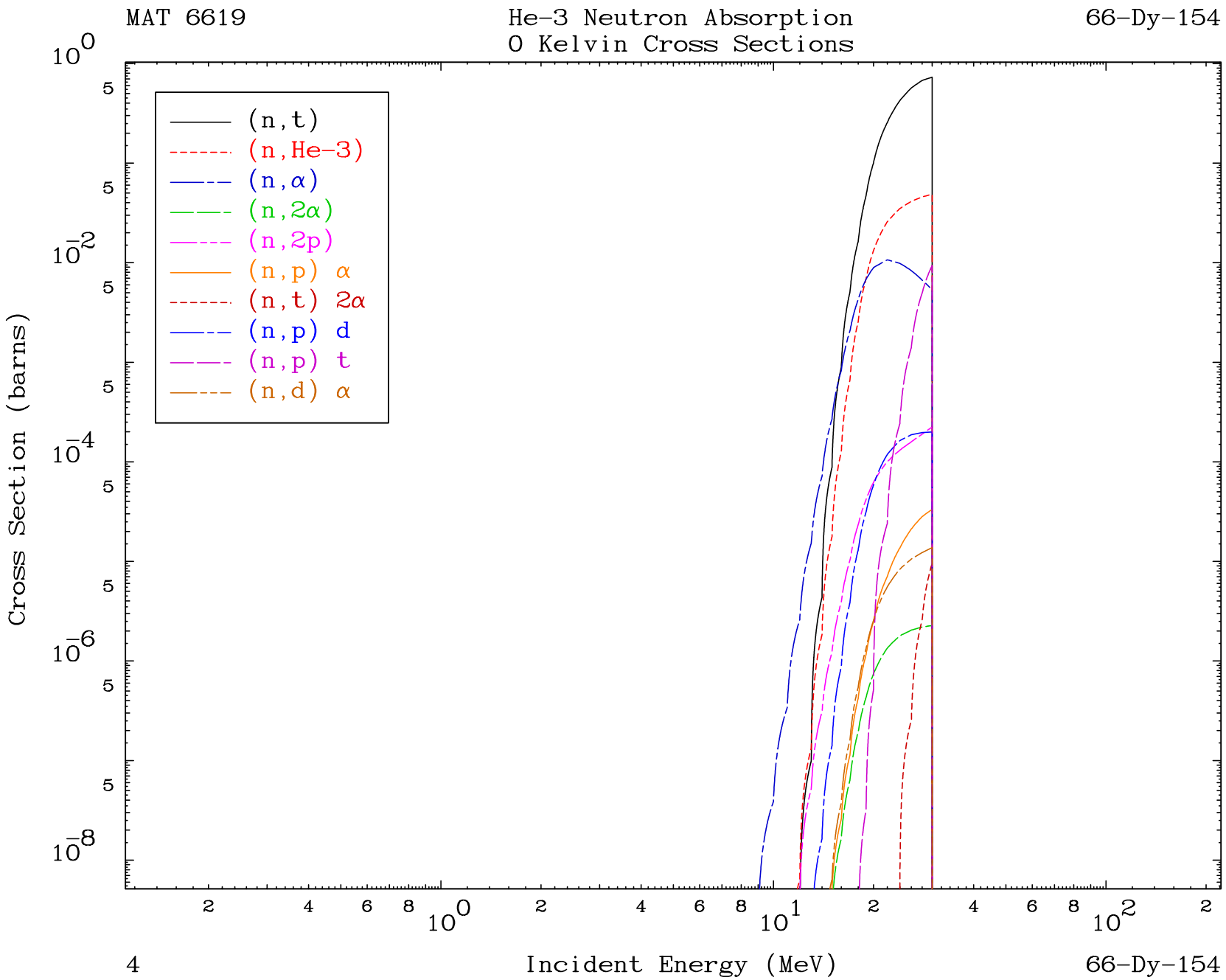
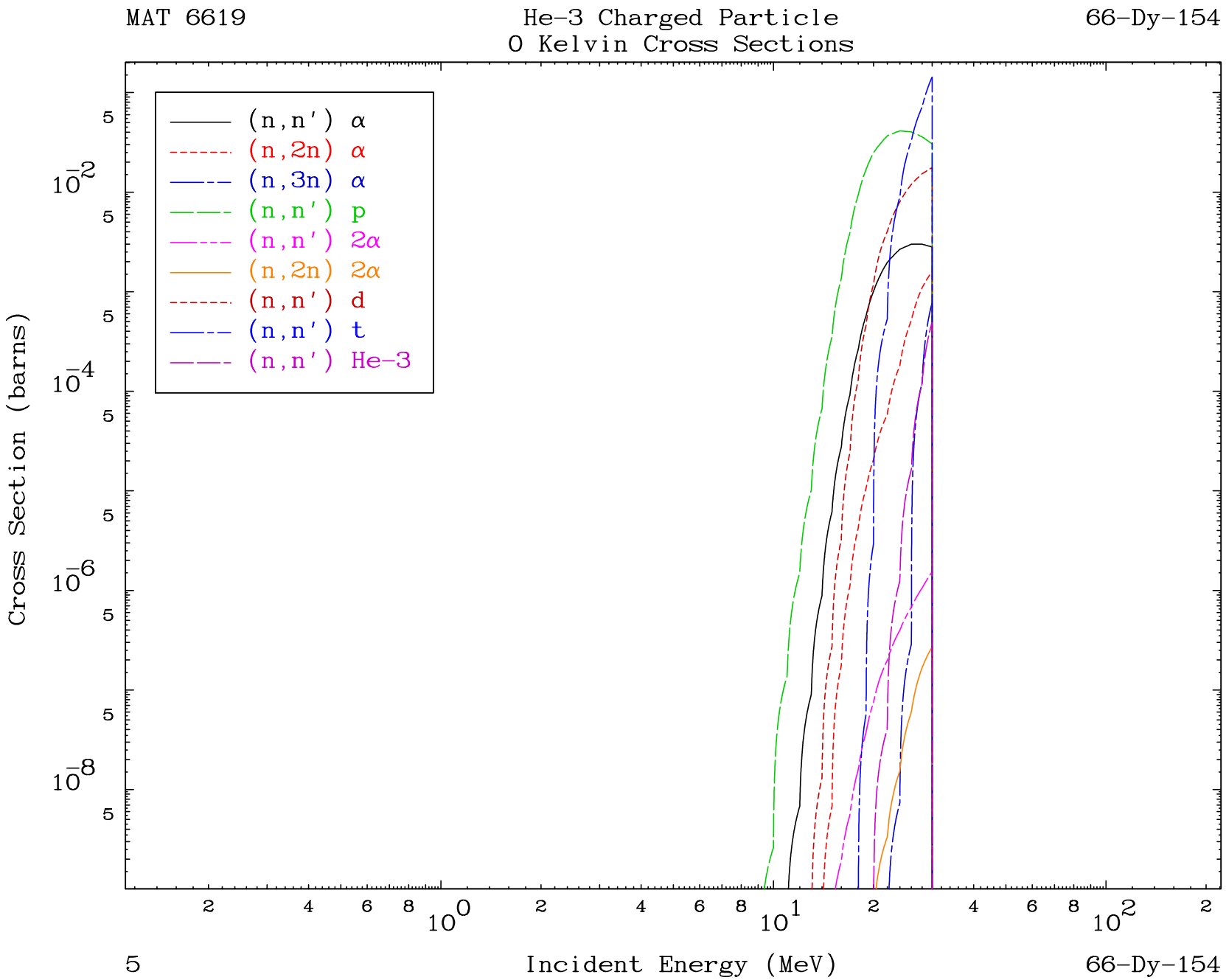
Press Mouse Button to Start

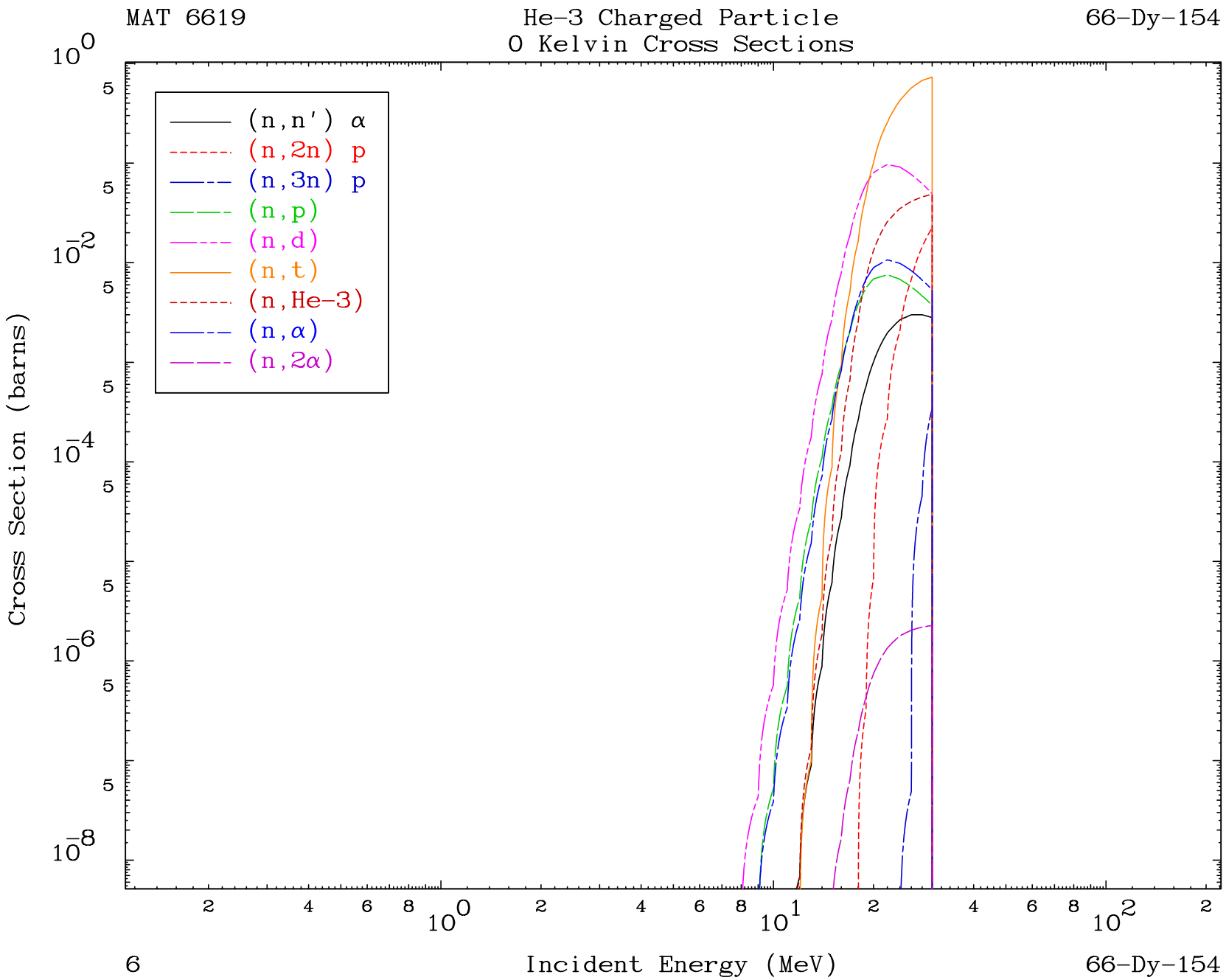

MAT 6619
He-3 Major
66-Dy-154
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-154
1

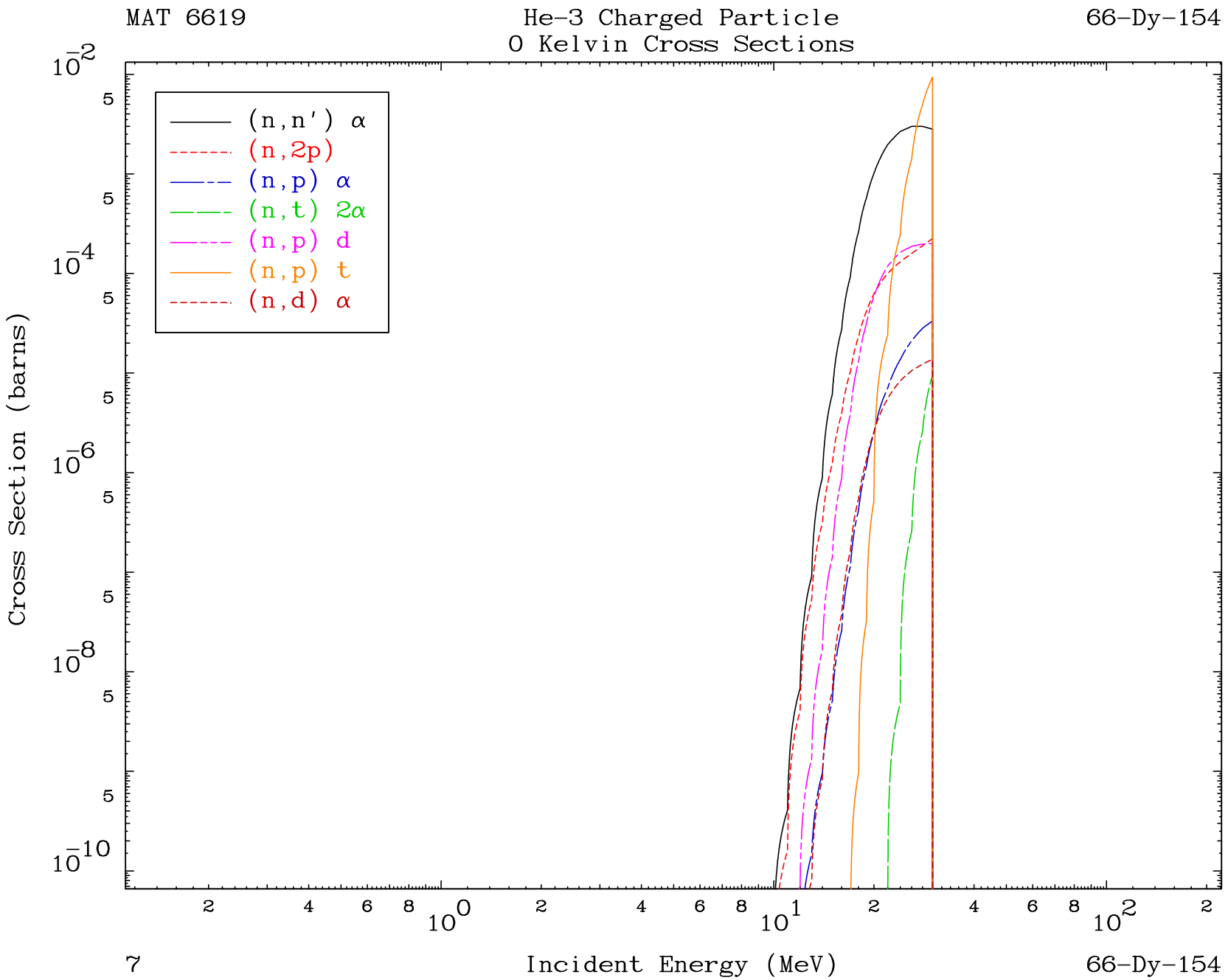

MAT 6619
He-3 Neutron Absorption
0 Kelvin Cross Sections
66-Dy-154
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
66-Dy-154
2

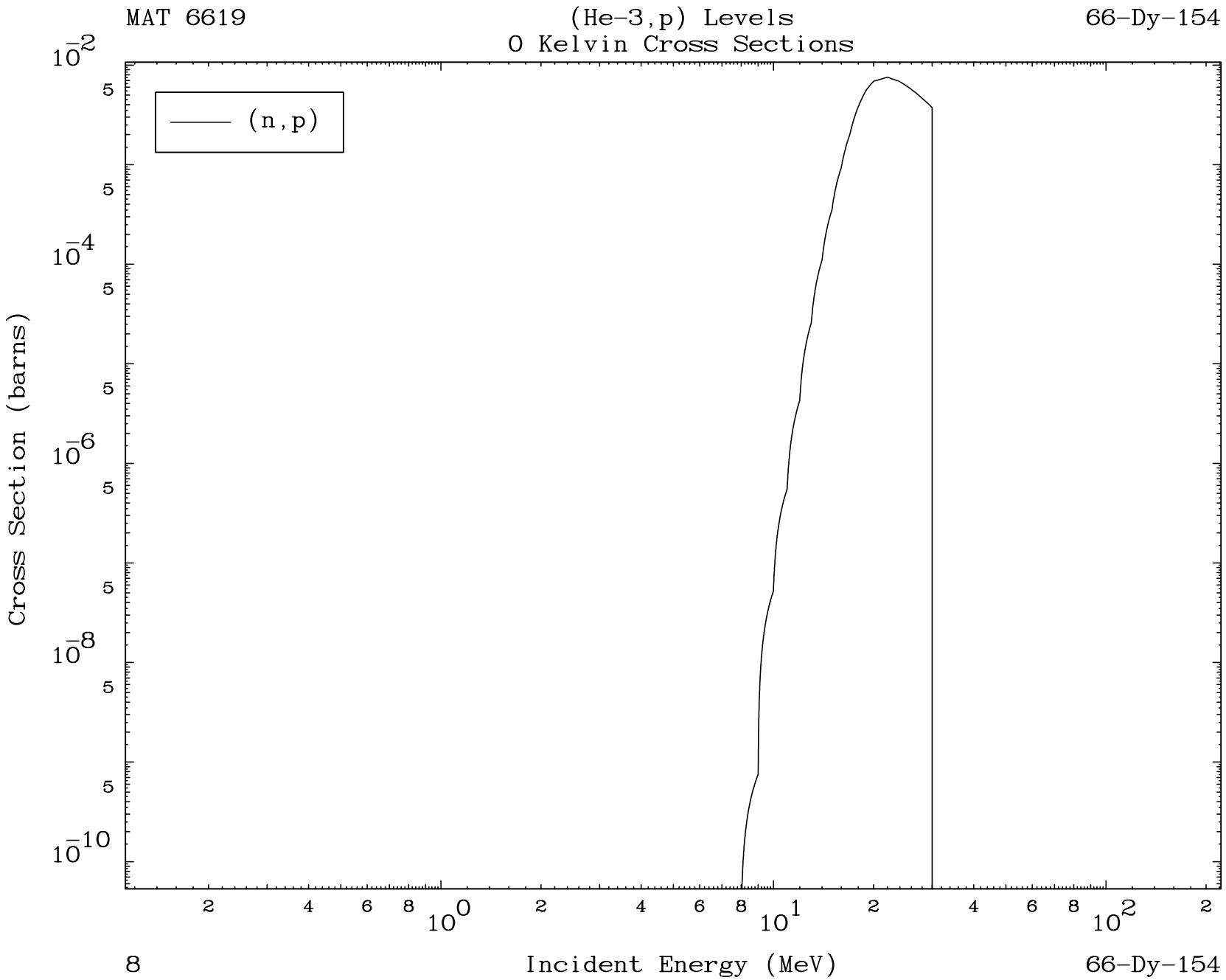

MAT 6619
He-3 Neutron Absorption
0 Kelvin Cross Sections
66-Dy-154
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
66-Dy-154

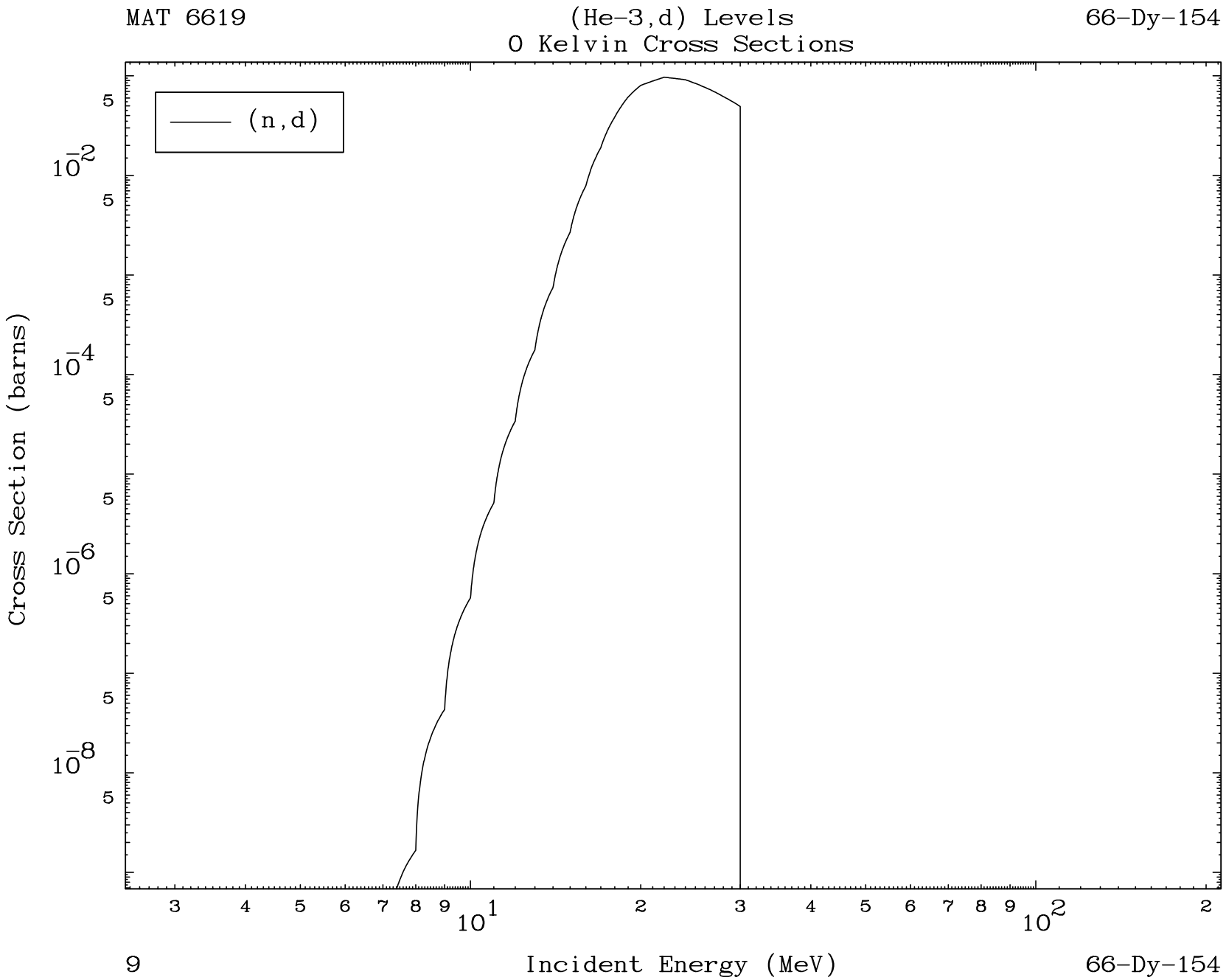

MAT 6619
He-3 Neutron Absorption
0 Kelvin Cross Sections
66-Dy-154
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
66-Dy-154

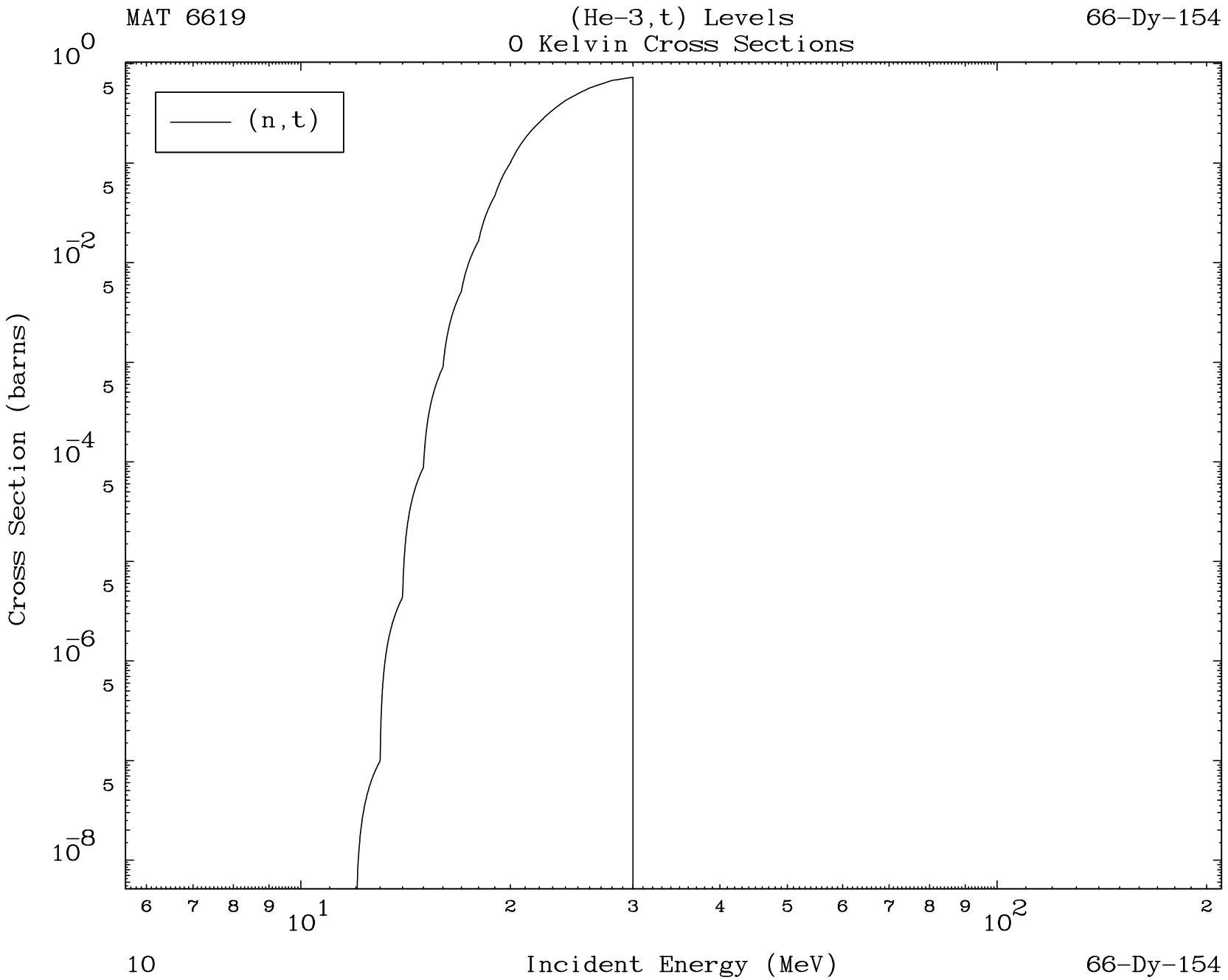

MAT 6619
He-3 Charged Particle
0 Kelvin Cross Sections
66-Dy-154
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
66-Dy-154

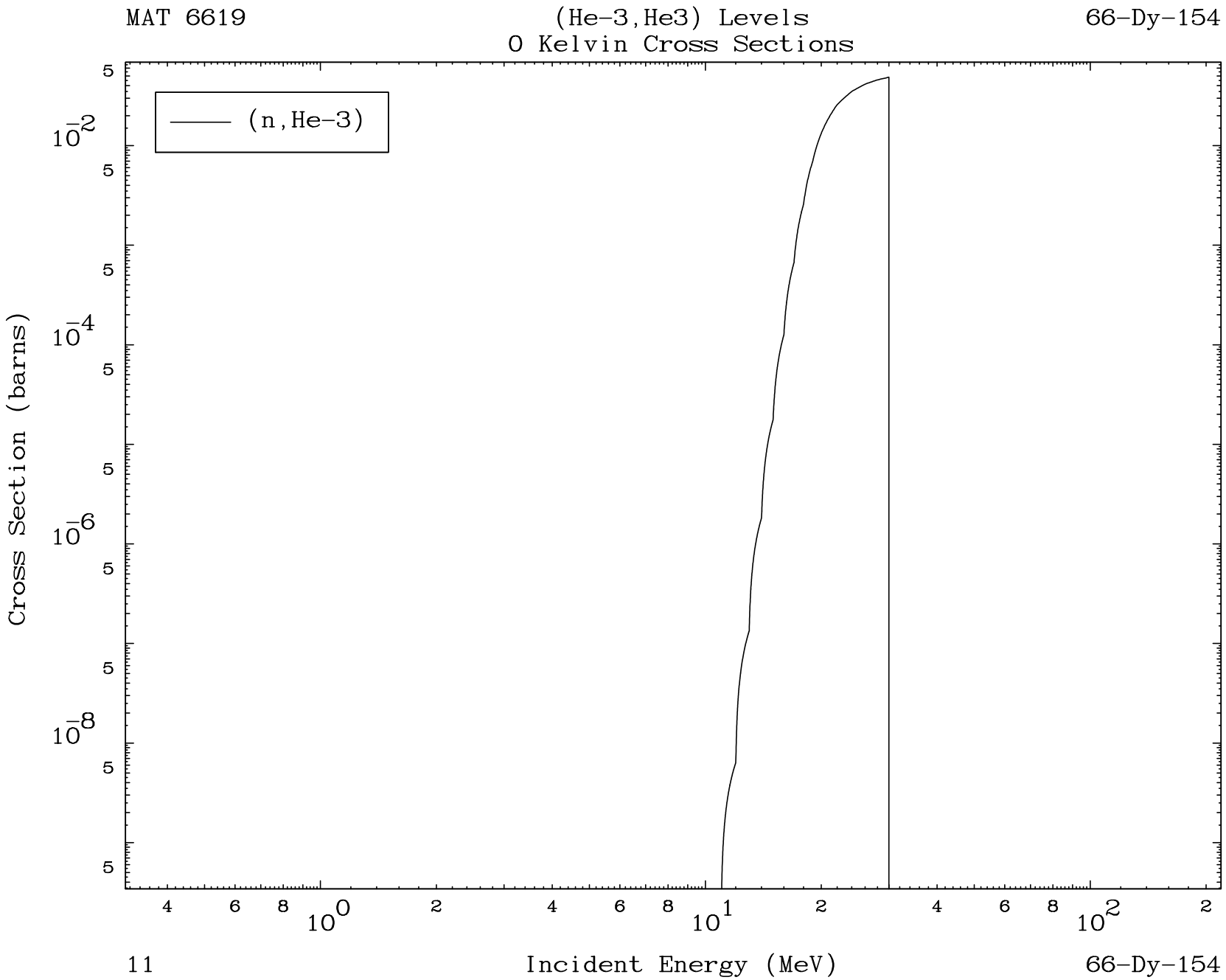

MAT 6619
He-3 Charged Particle
0 Kelvin Cross Sections
66-Dy-154
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
66-Dy-154

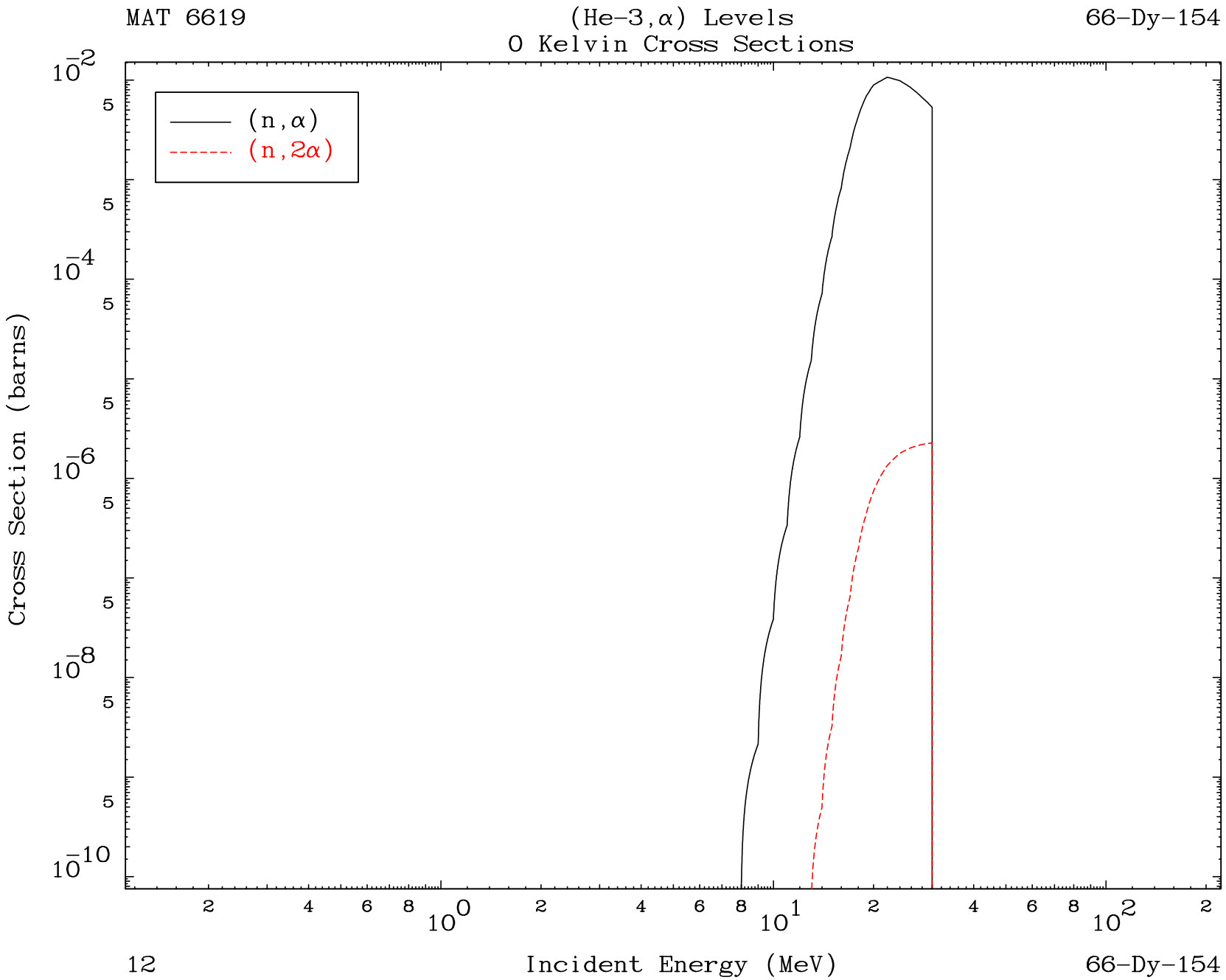

MAT 6619
He-3 Charged Particle
0 Kelvin Cross Sections
66-Dy-154
(n,n') α
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
66-Dy-154
7

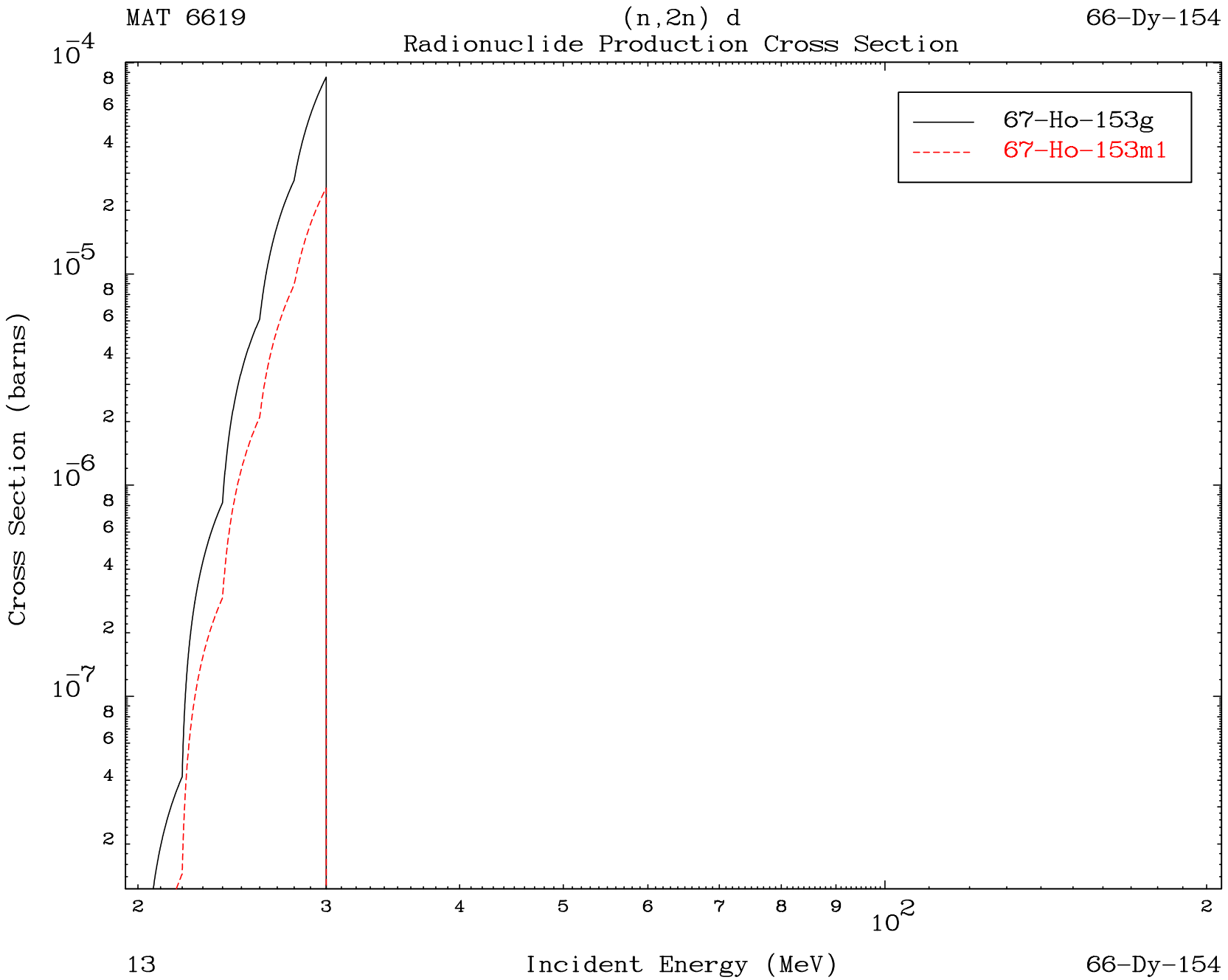

MAT 6619
(He-3,p) Levels
66-Dy-154
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-154
8

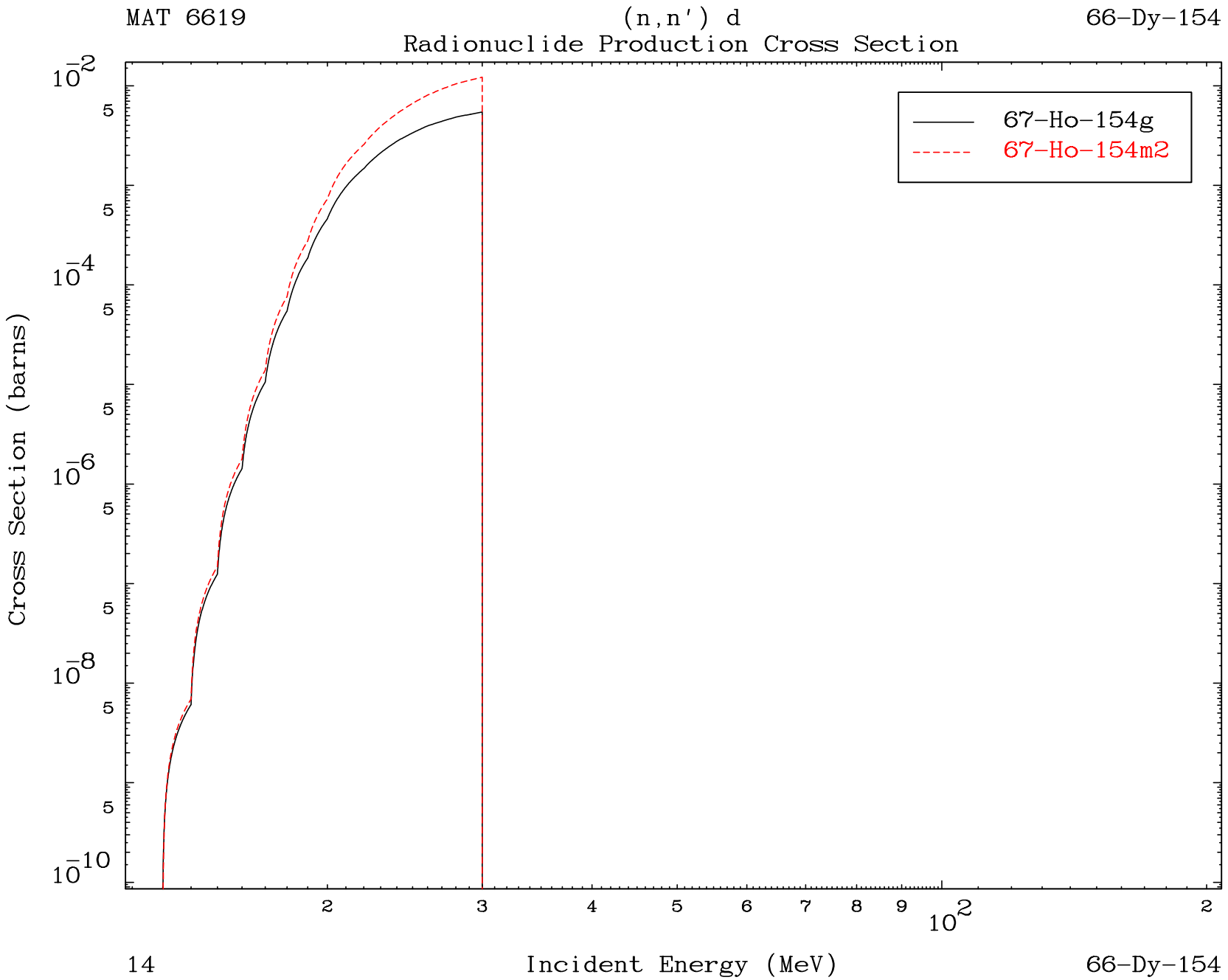

MAT 6619
(He-3,d) Levels
66-Dy-154
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
66-Dy-154

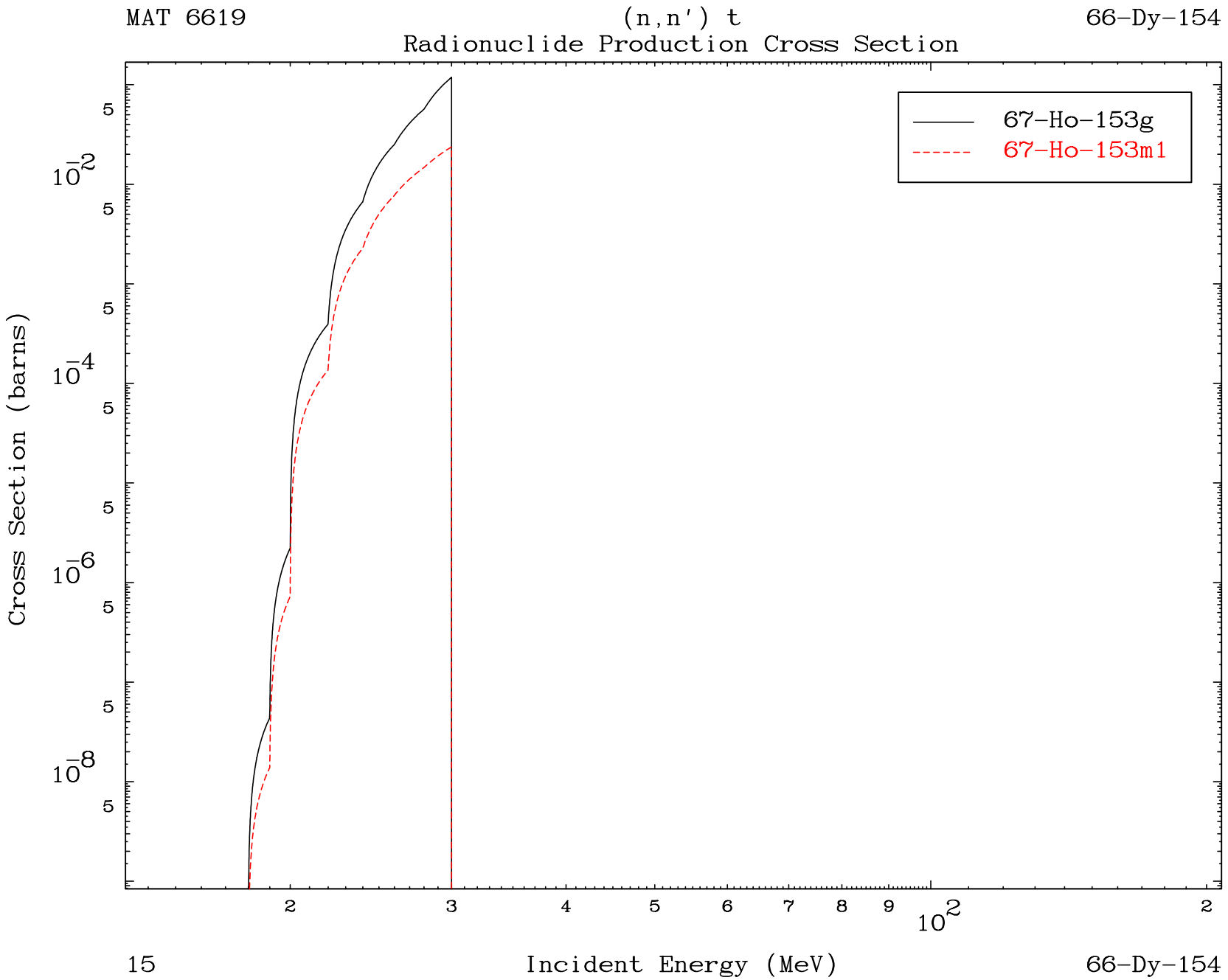

MAT 6619
(He-3,t) Levels
66-Dy-154
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-154

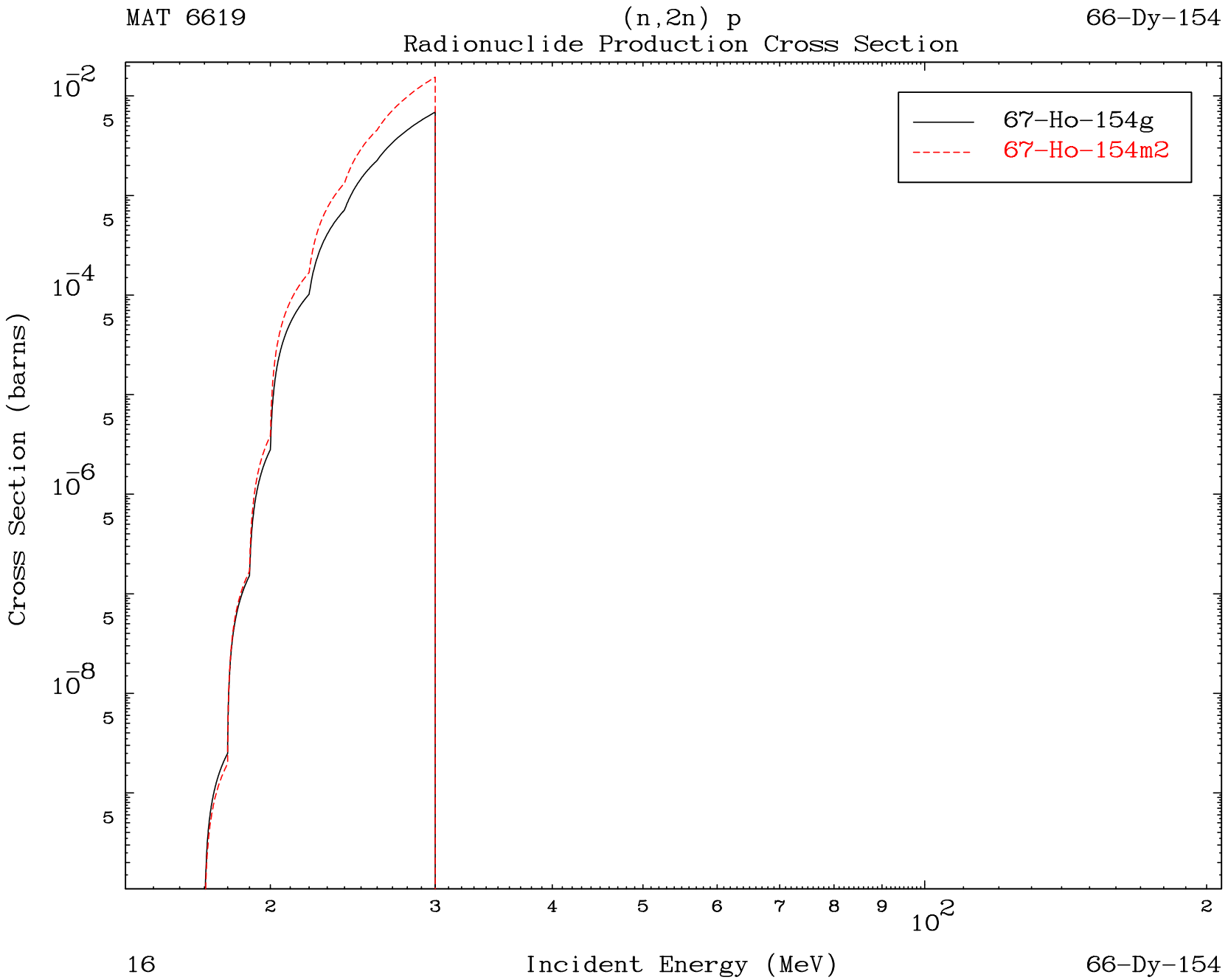

MAT 6619
(He-3,He3) Levels
66-Dy-154
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
66-Dy-154

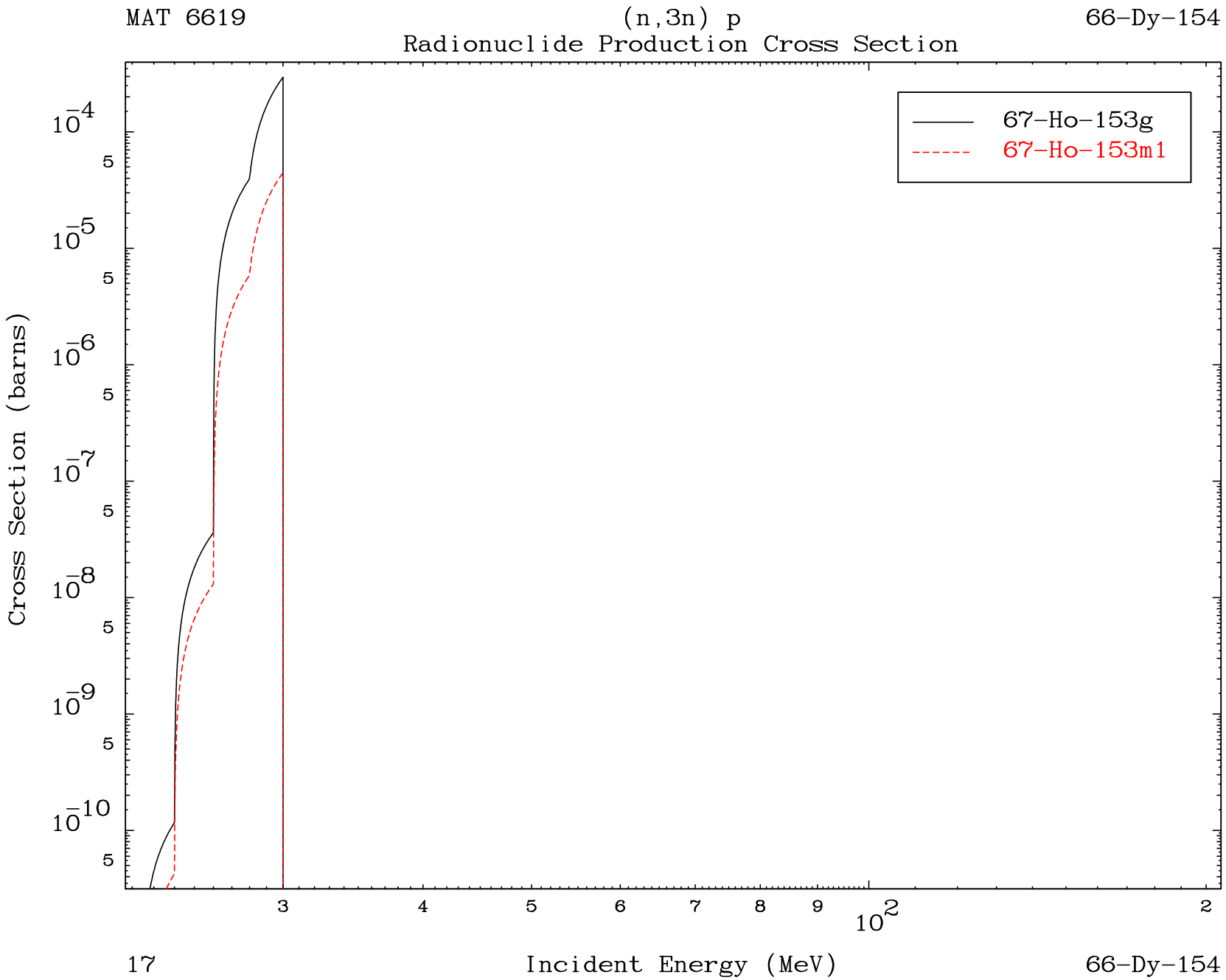

MAT 6619
(He-3,α) Levels
0 Kelvin Cross Sections
66-Dy-154
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
66-Dy-154

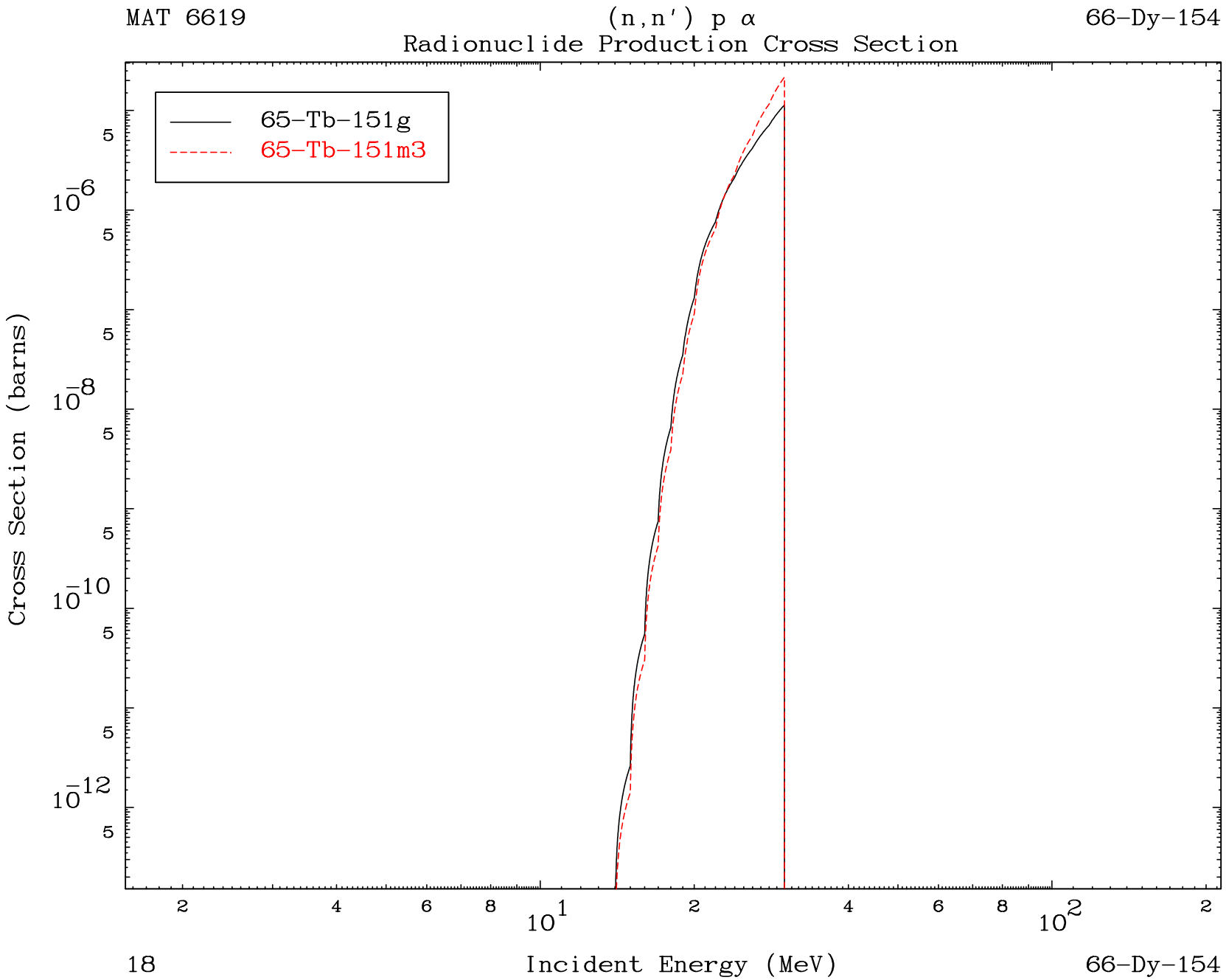

MAT 6619
(n,2n) d
66-Dy-154
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
13
66-Dy-154

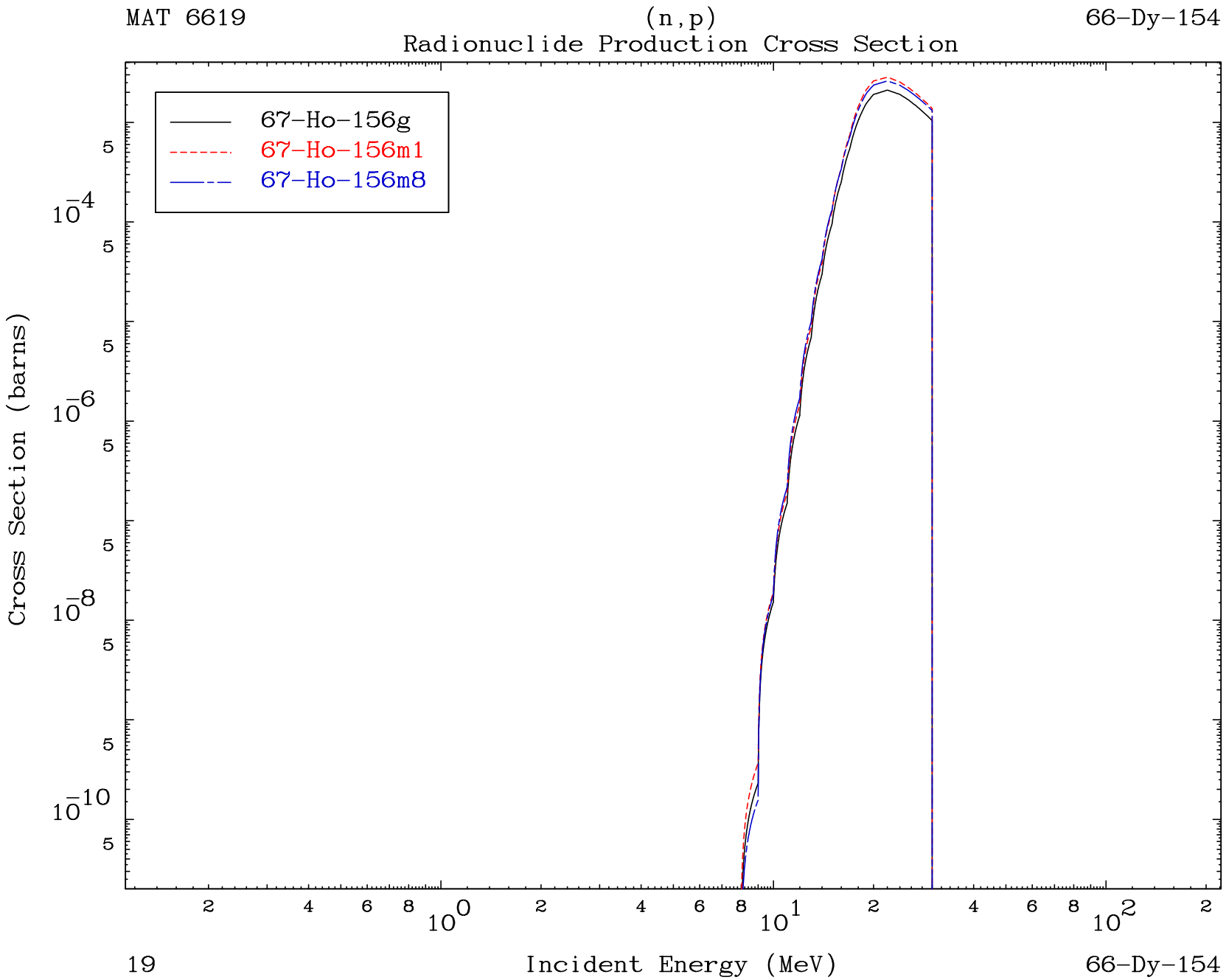

MAT 6619
(n,n') d
66-Dy-154
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
14
66-Dy-154

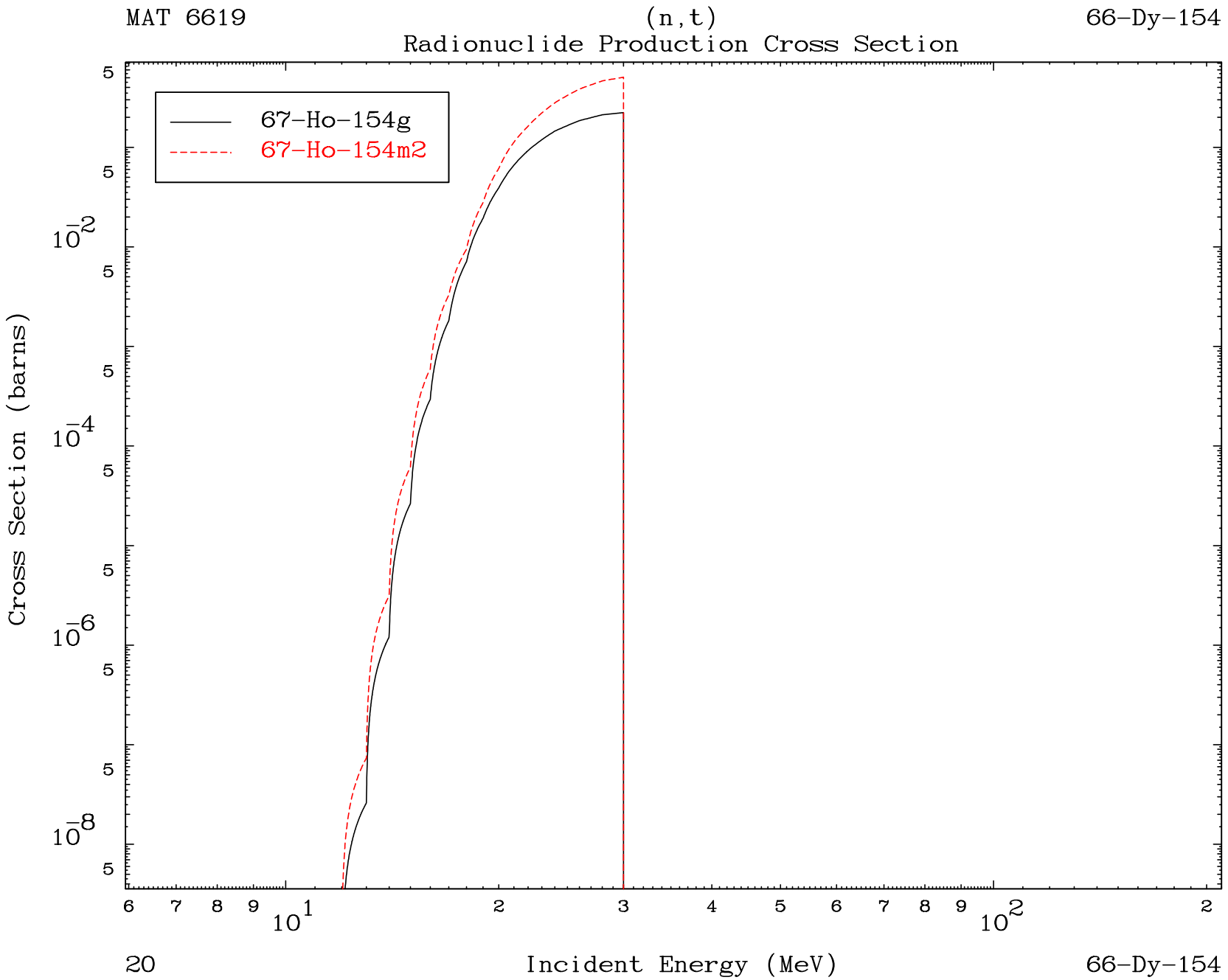

MAT 6619
(n,n') t
66-Dy-154
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
66-Dy-154

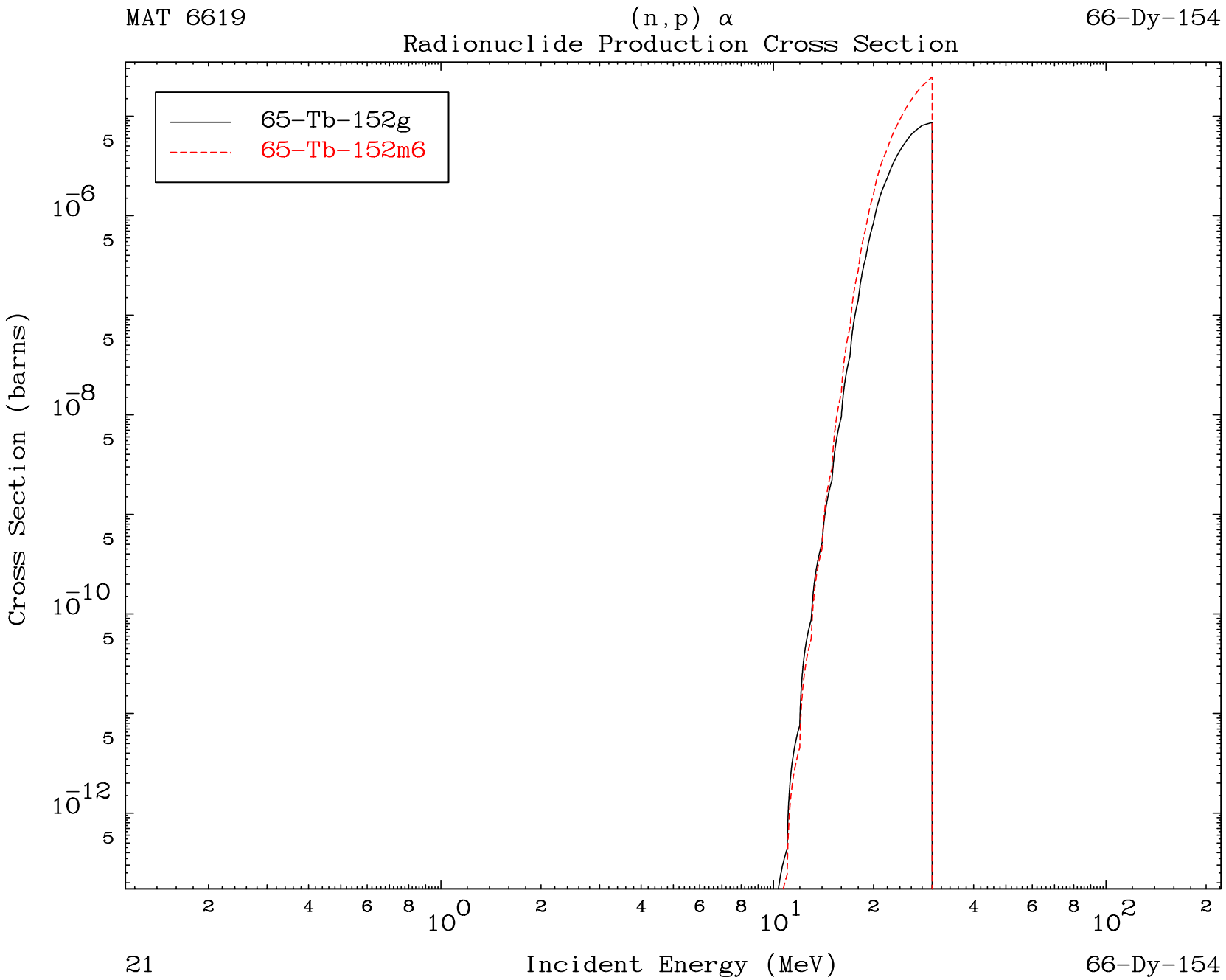

MAT 6619
(n,2n) p
66-Dy-154
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
16
66-Dy-154

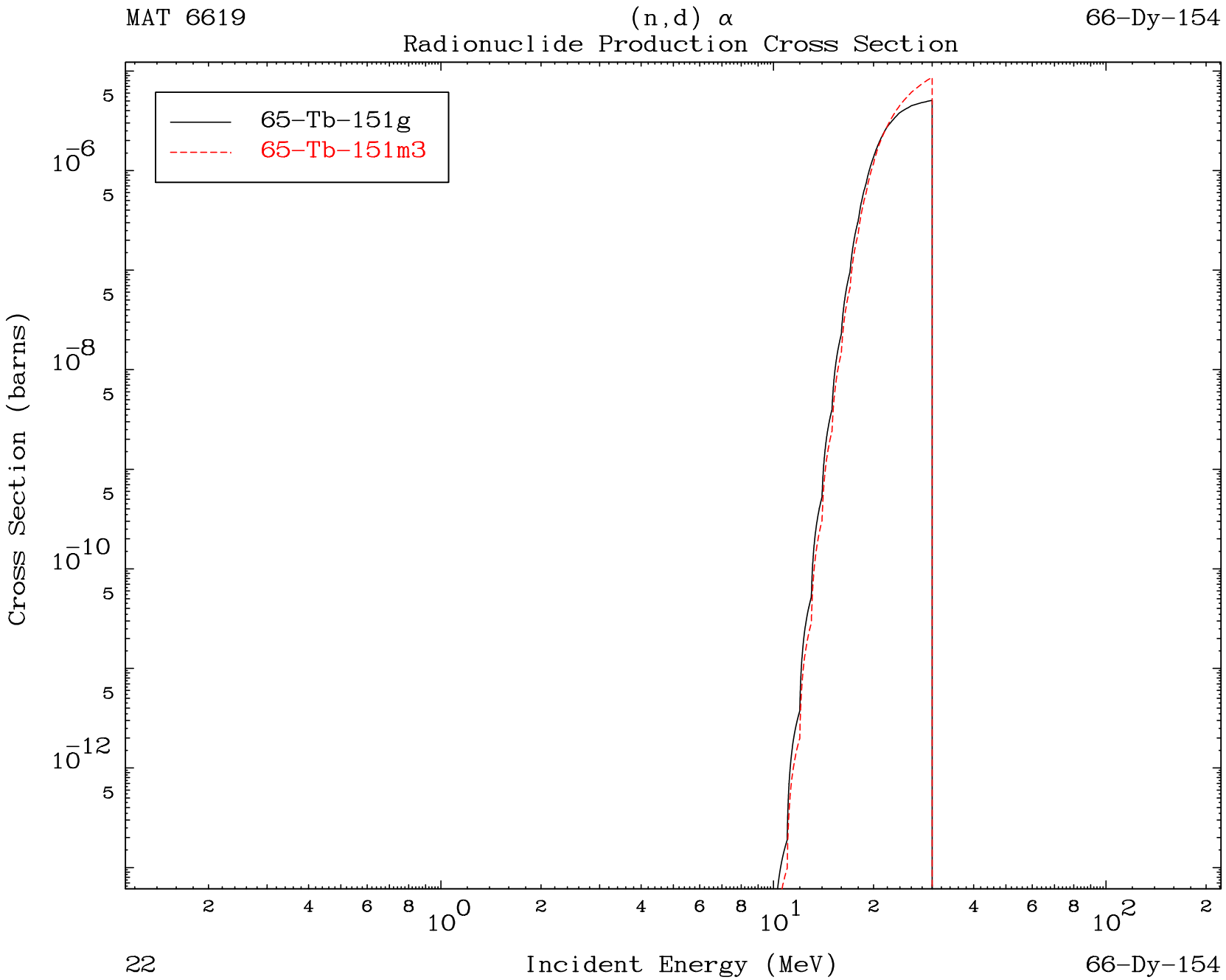

MAT 6619
(n,3n) p
66-Dy-154
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
10-4
10-5
10-6
10-7
10-8
10-9
10-10
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
66-Dy-154


MAT 6619
(n,n') p α
66-Dy-154
Radionuclide Production Cross Section
65-Tb-151g
65-Tb-151m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
4
6
8
10^1
10^2
18
Incident Energy (MeV)
66-Dy-154


MAT 6619
(n,p)
66-Dy-154
Radionuclide Production Cross Section
67-Ho-156g
67-Ho-156m1
67-Ho-156m8
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
19
66-Dy-154


MAT 6619
(n,t)
66-Dy-154
Radionuclide Production Cross Section
67-Ho-154g
67-Ho-154m2
Cross Section (barns)
Incident Energy (MeV)
20
66-Dy-154


MAT 6619
(n,p) α
66-Dy-154
Radionuclide Production Cross Section
65-Tb-152g
65-Tb-152m6
Cross Section (barns)
10-6
10-8
10-10
10-12
100
101
102
Incident Energy (MeV)
21
66-Dy-154


MAT 6619
(n,d) α
66-Dy-154
Radionuclide Production Cross Section
65-Tb-151g
65-Tb-151m3
Cross Section (barns)
Incident Energy (MeV)
22
66-Dy-154