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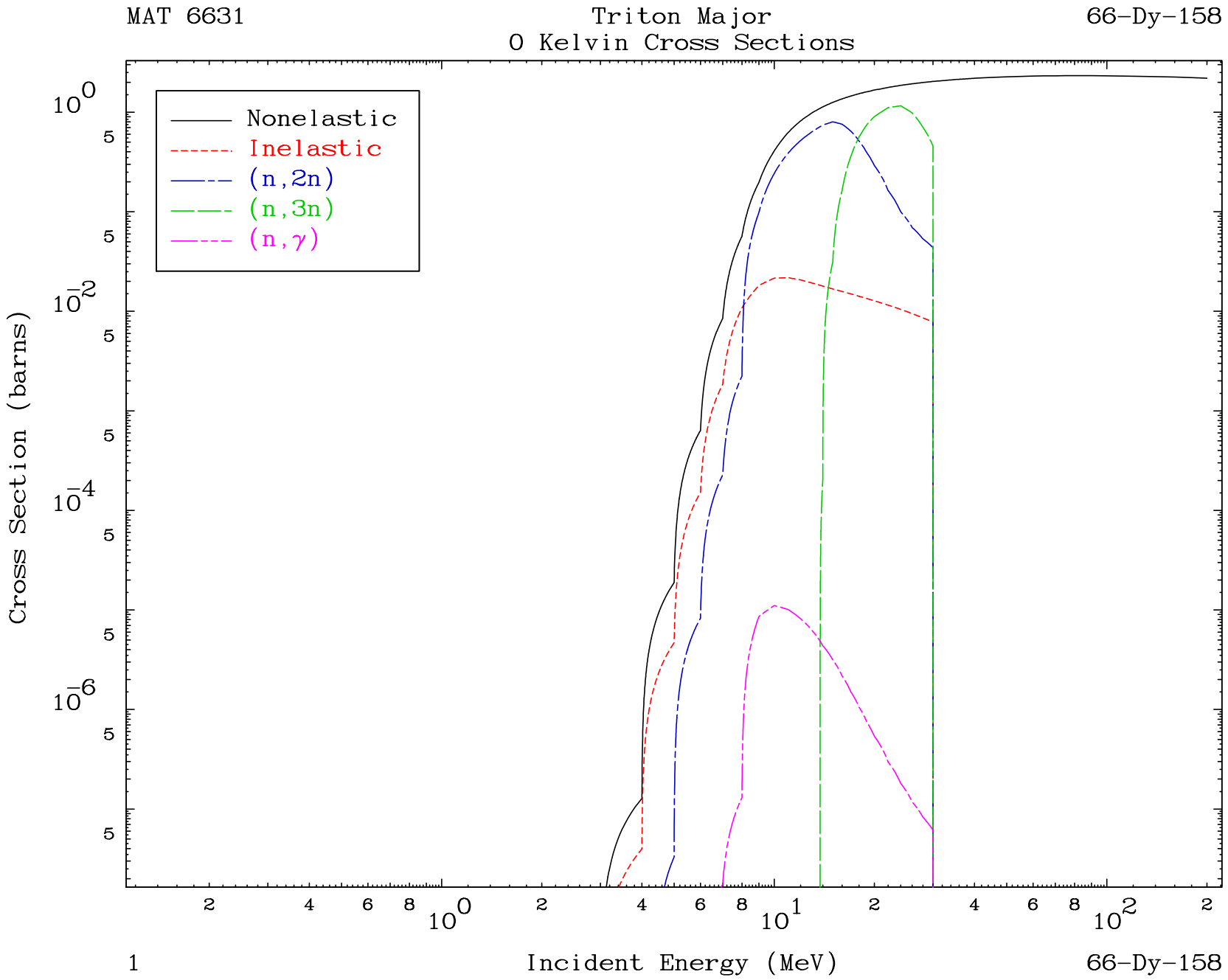
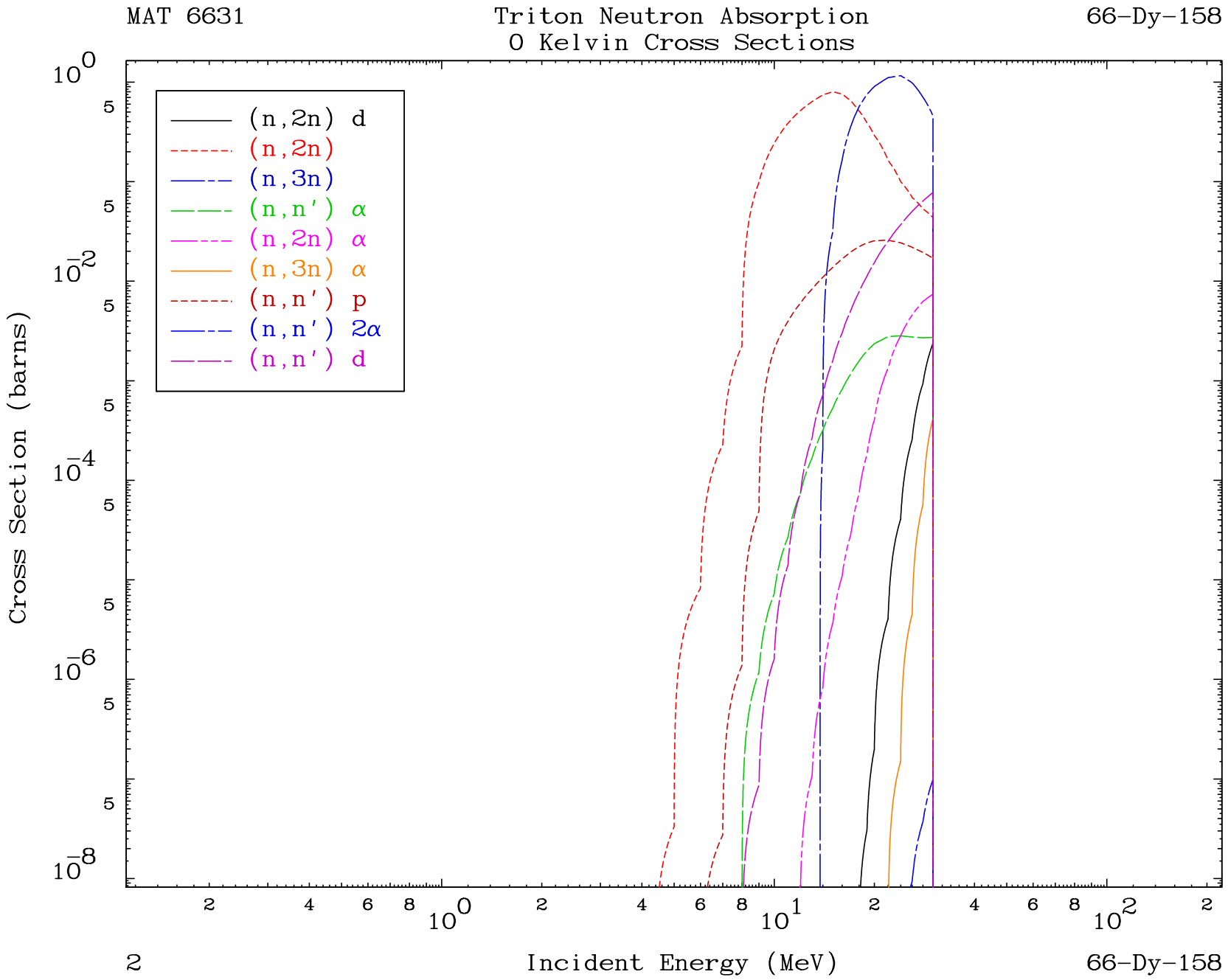
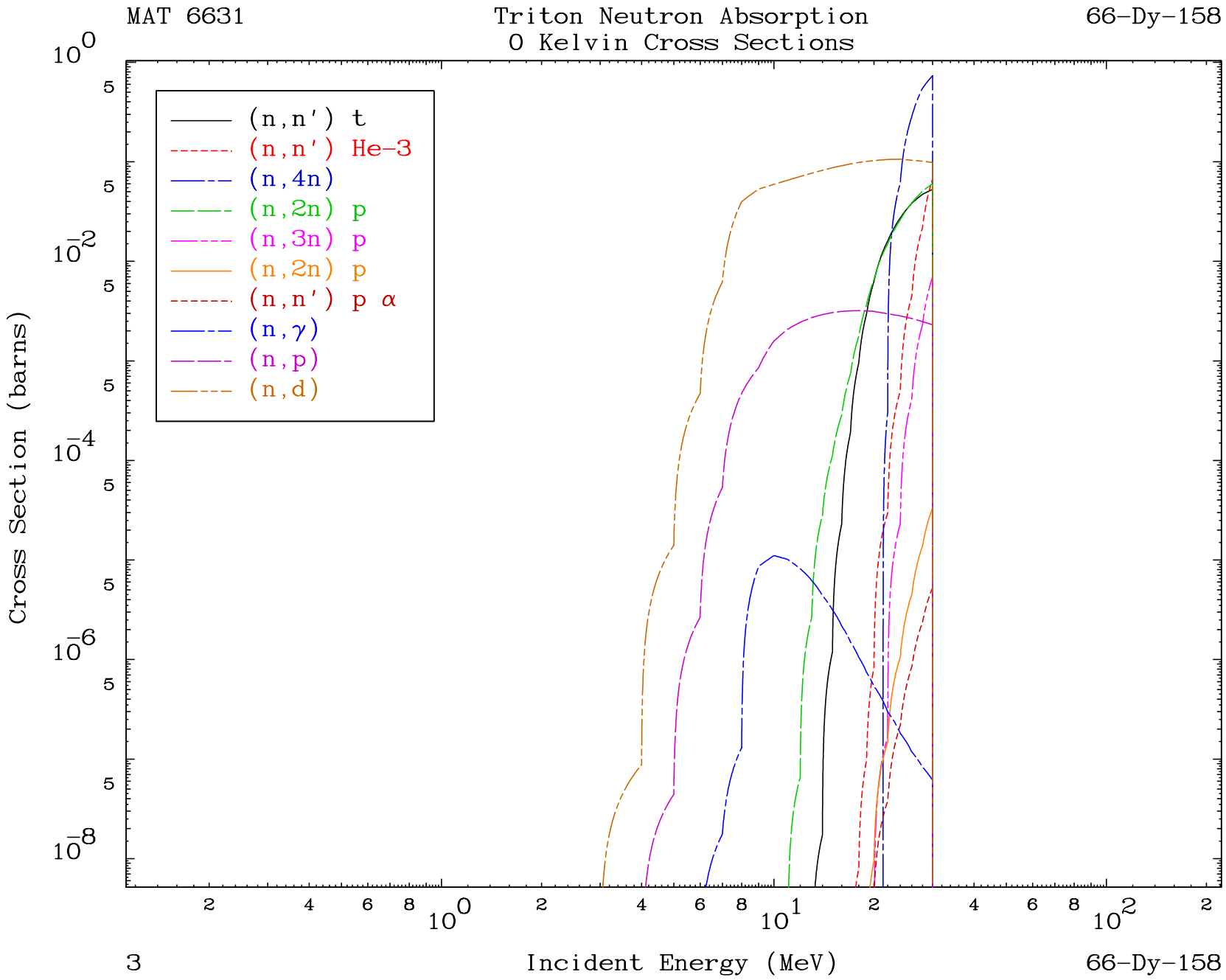
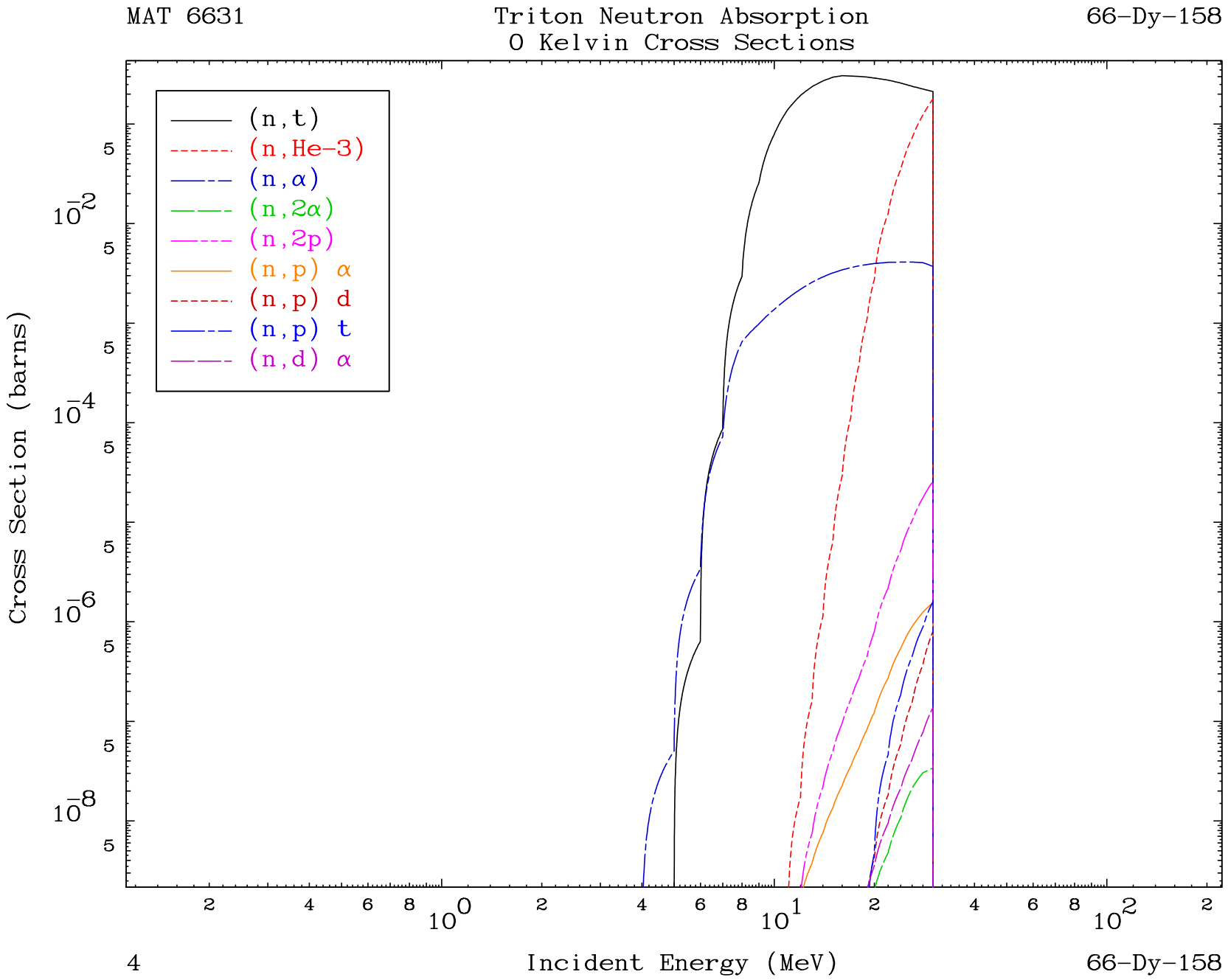
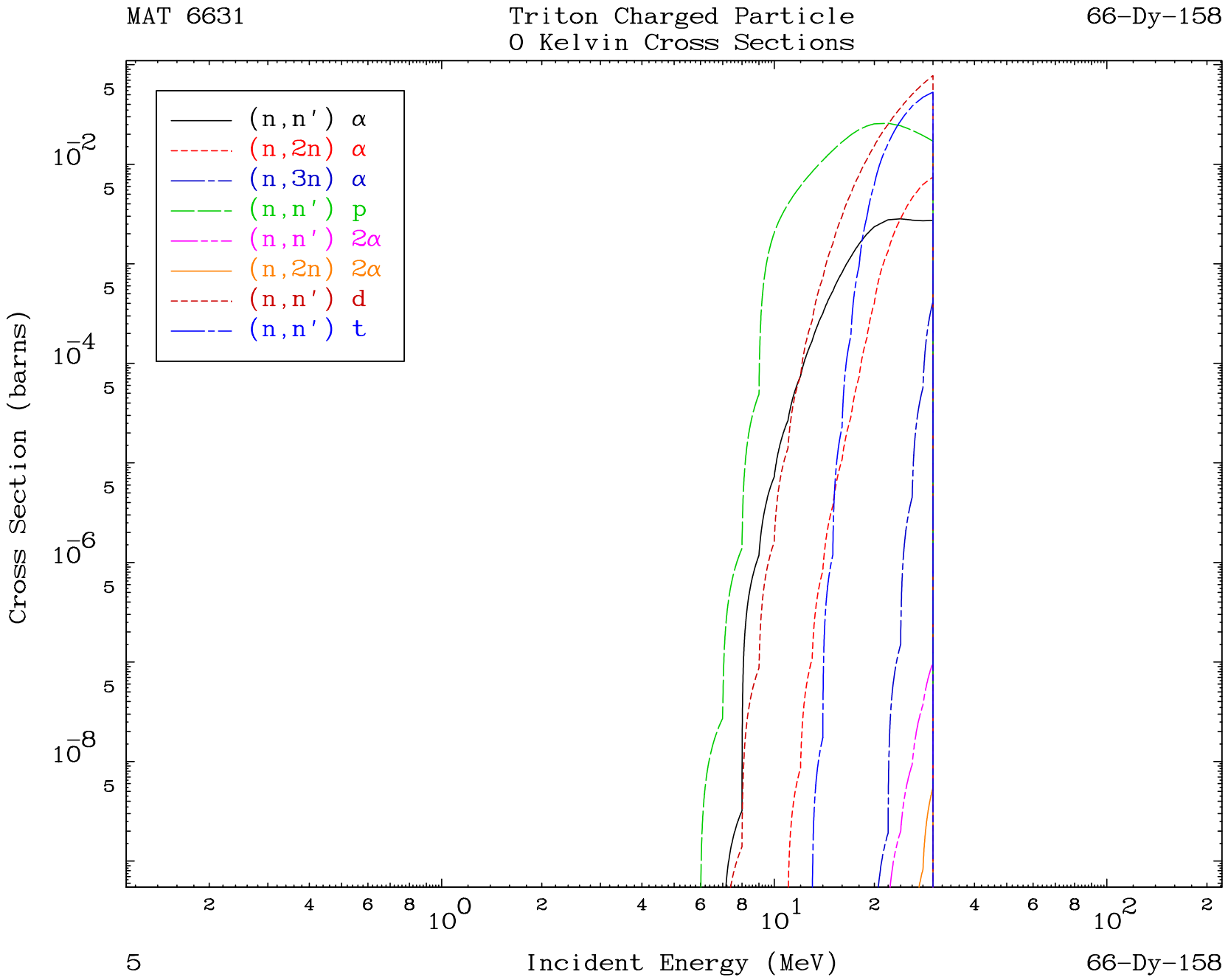
Press Mouse Button to Start

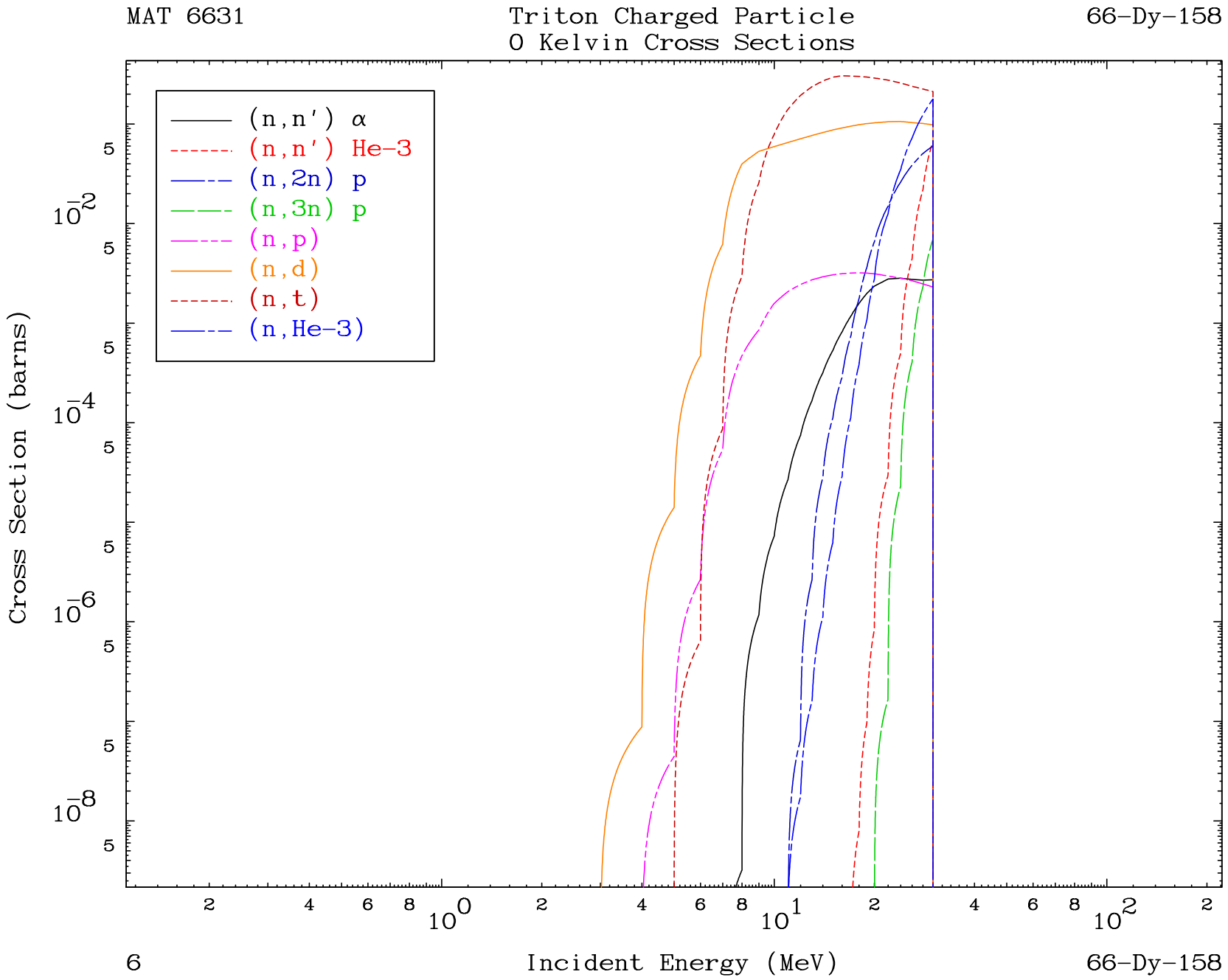

MAT 6631
Triton Major
66-Dy-158
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-158
1

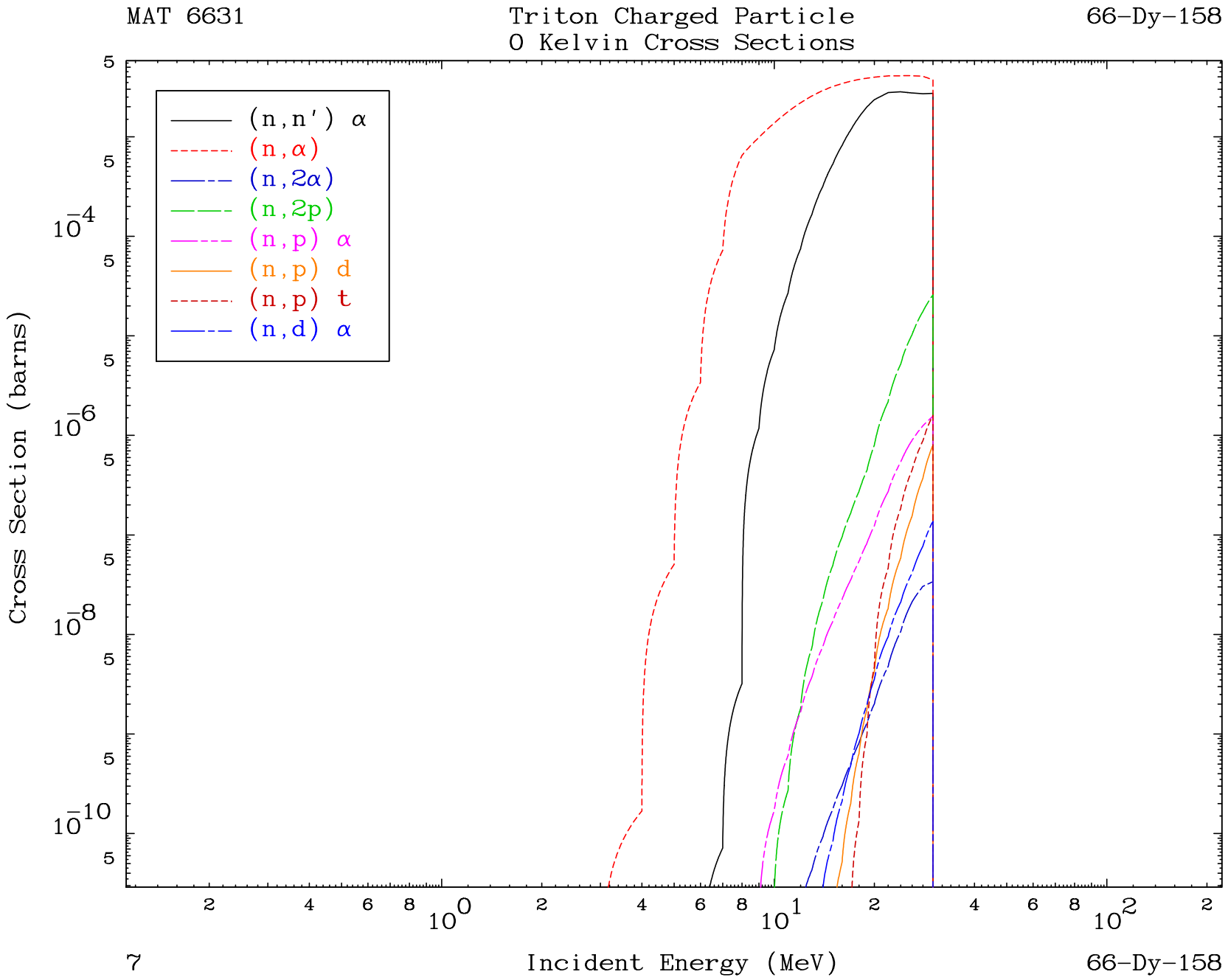

MAT 6631
Triton Neutron Absorption
0 Kelvin Cross Sections
66-Dy-158
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
66-Dy-158
2

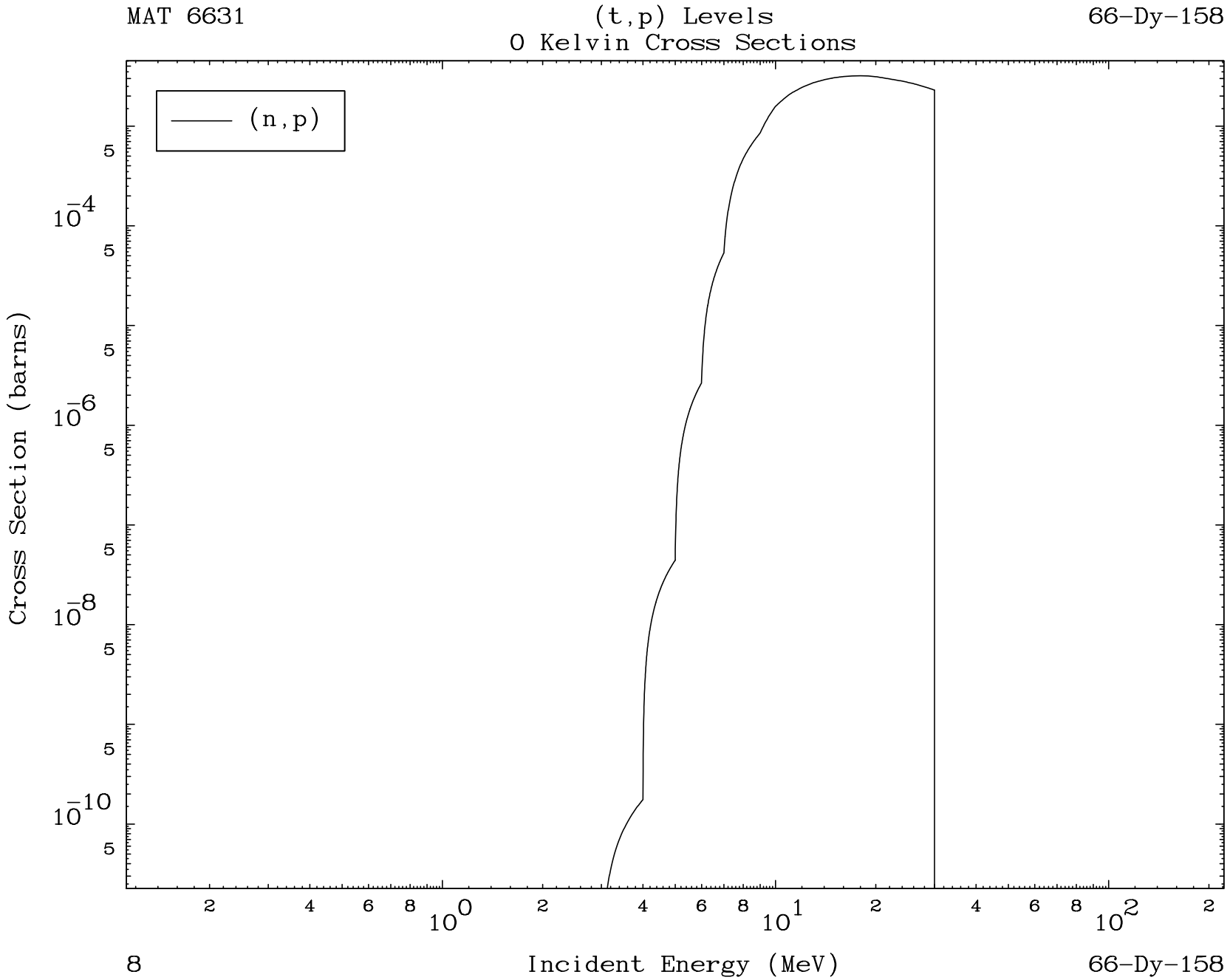

MAT 6631
Triton Neutron Absorption
0 Kelvin Cross Sections
66-Dy-158
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
66-Dy-158

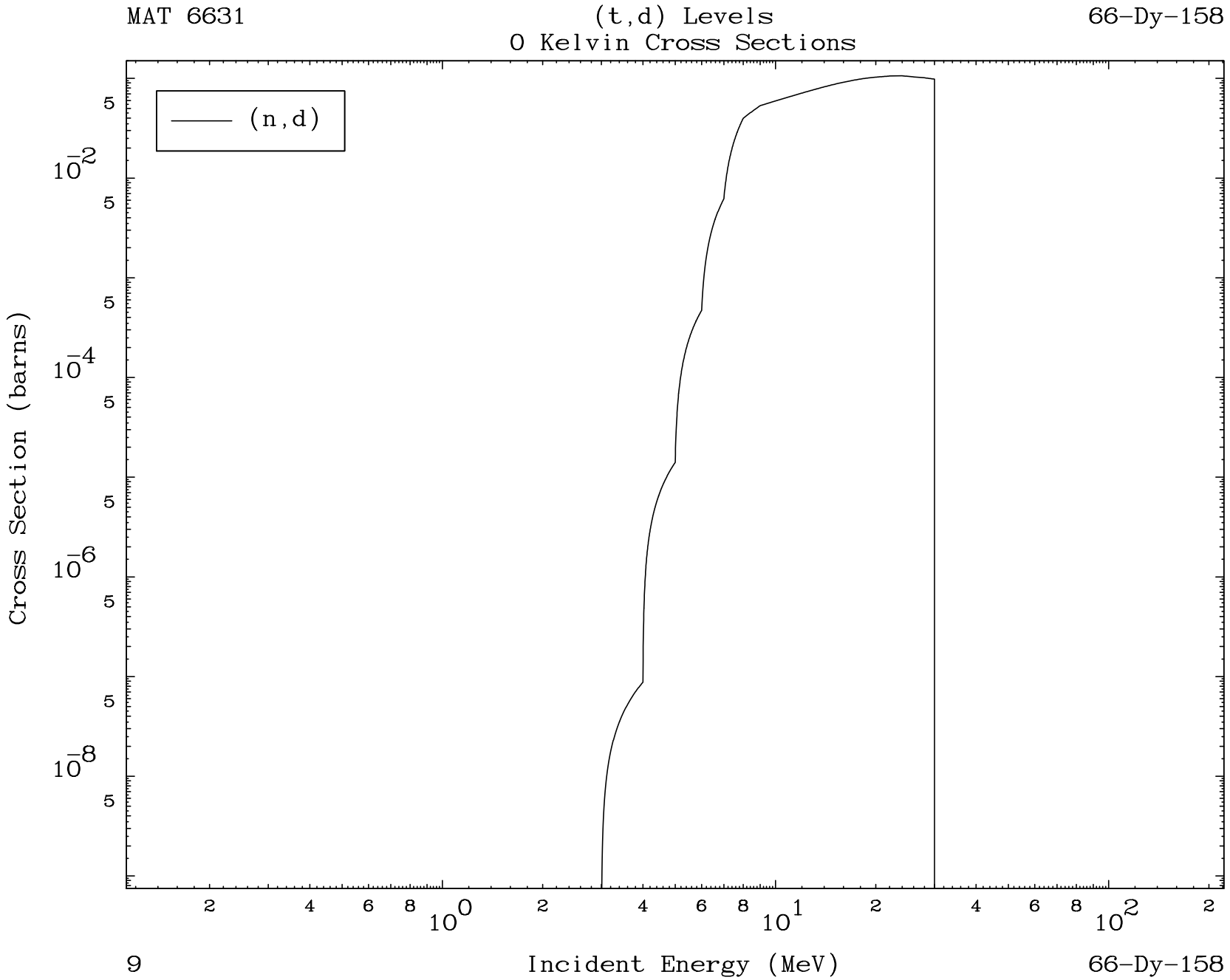

MAT 6631
Triton Neutron Absorption
0 Kelvin Cross Sections
66-Dy-158
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
4
66-Dy-158

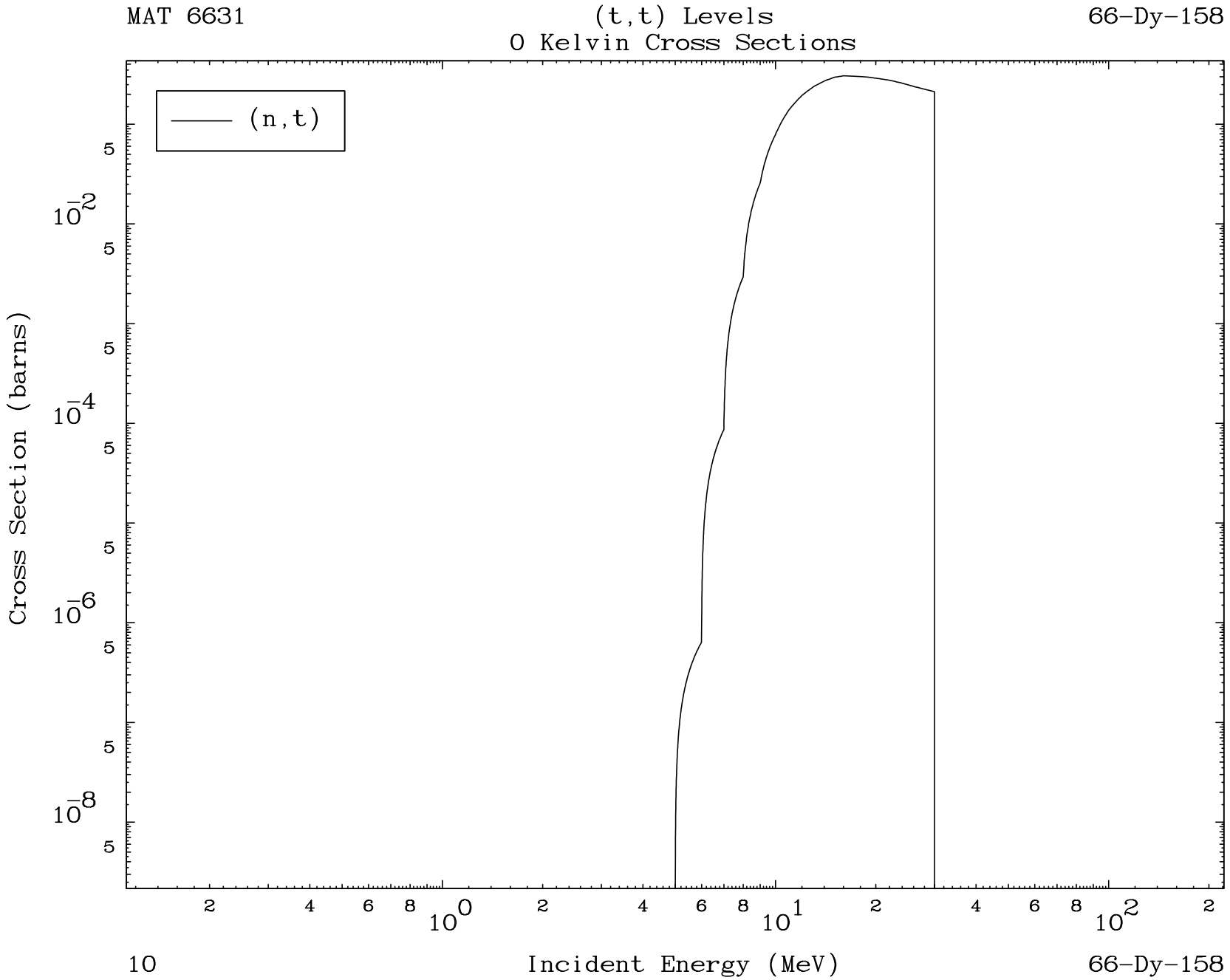

MAT 6631
Triton Charged Particle
0 Kelvin Cross Sections
66-Dy-158
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
66-Dy-158
5

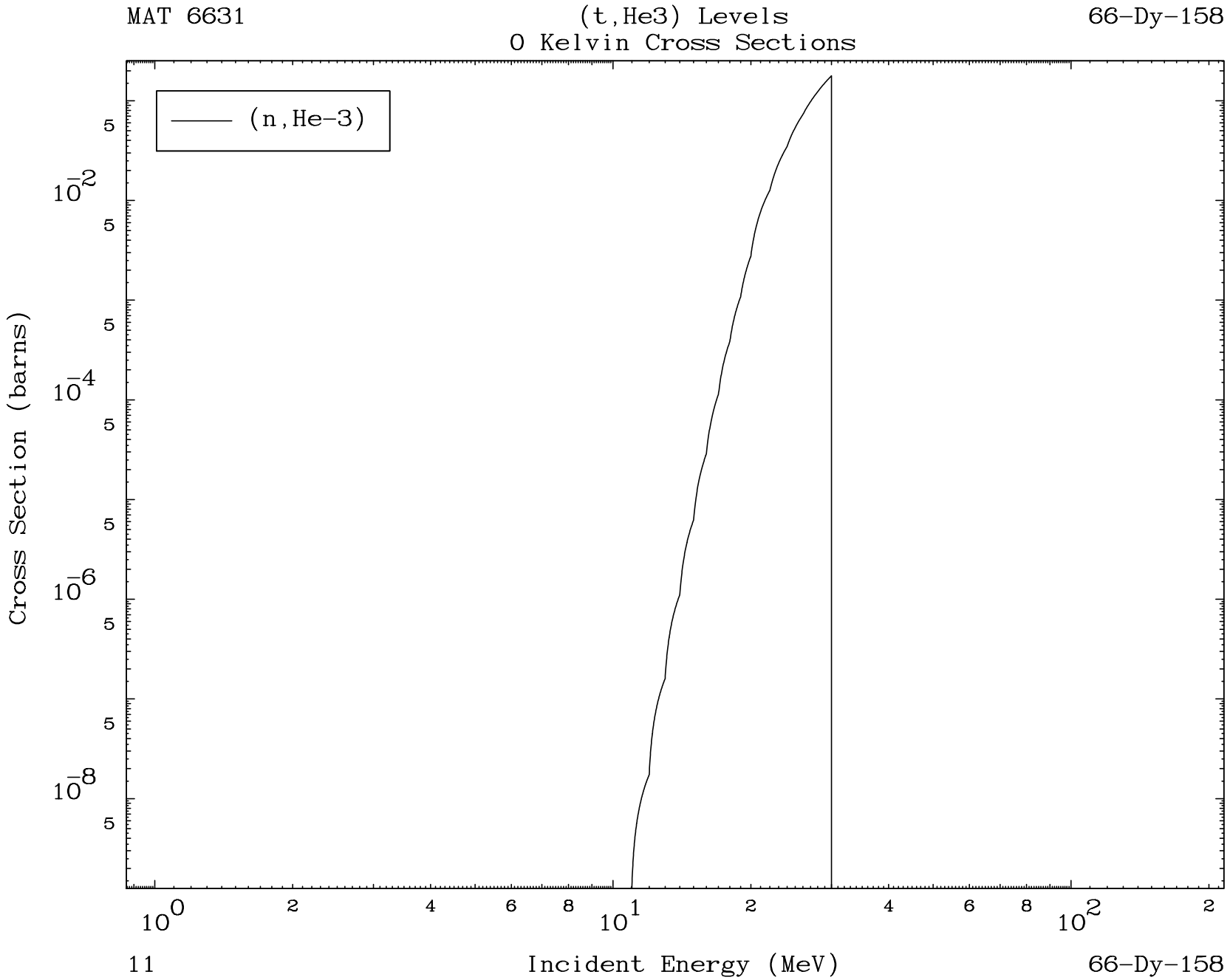

MAT 6631
Triton Charged Particle
0 Kelvin Cross Sections
66-Dy-158
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
66-Dy-158

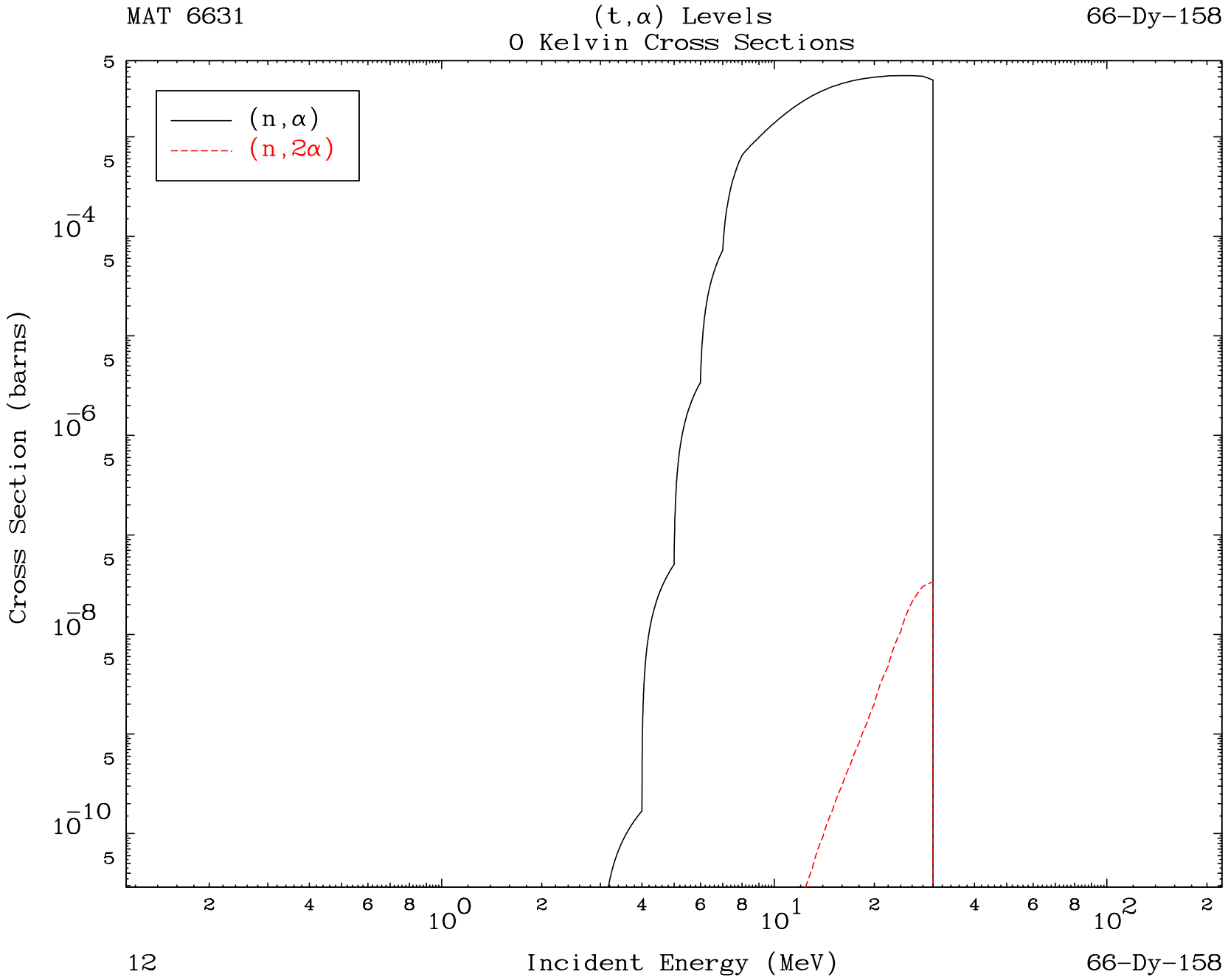

MAT 6631
Triton Charged Particle
0 Kelvin Cross Sections
66-Dy-158
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
66-Dy-158

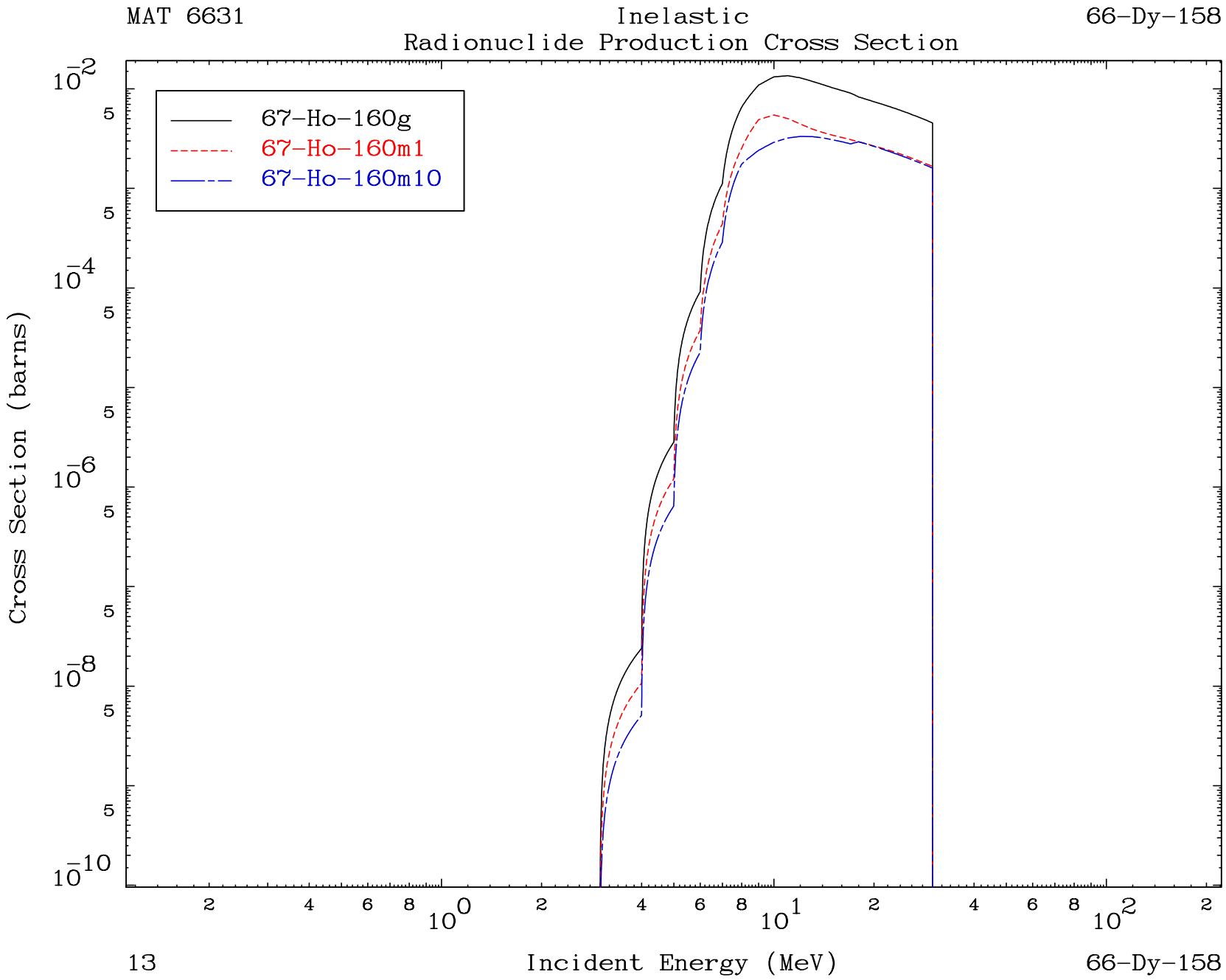

MAT 6631
(t,p) Levels
66-Dy-158
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
8
66-Dy-158

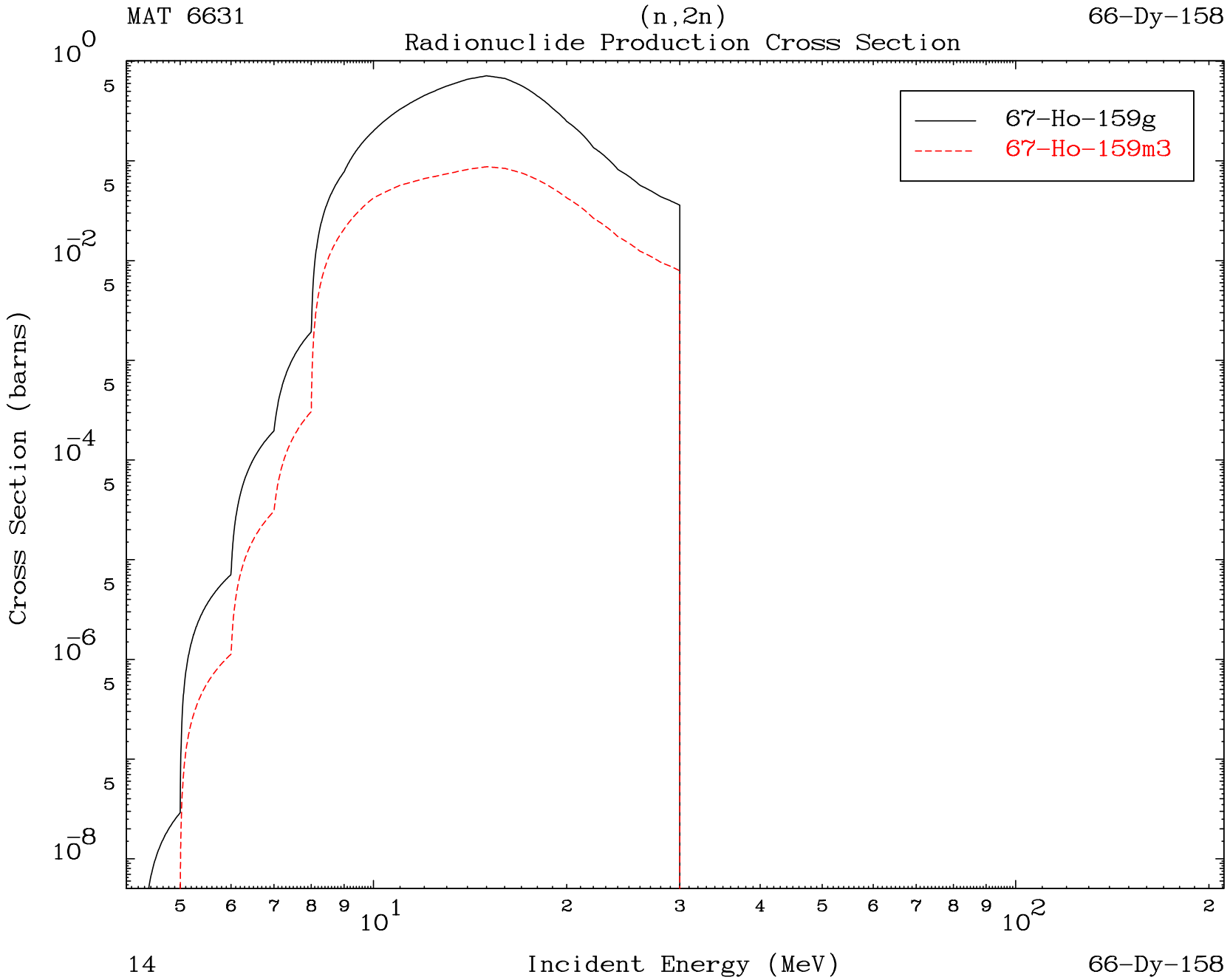

MAT 6631
(t,d) Levels
66-Dy-158
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
66-Dy-158

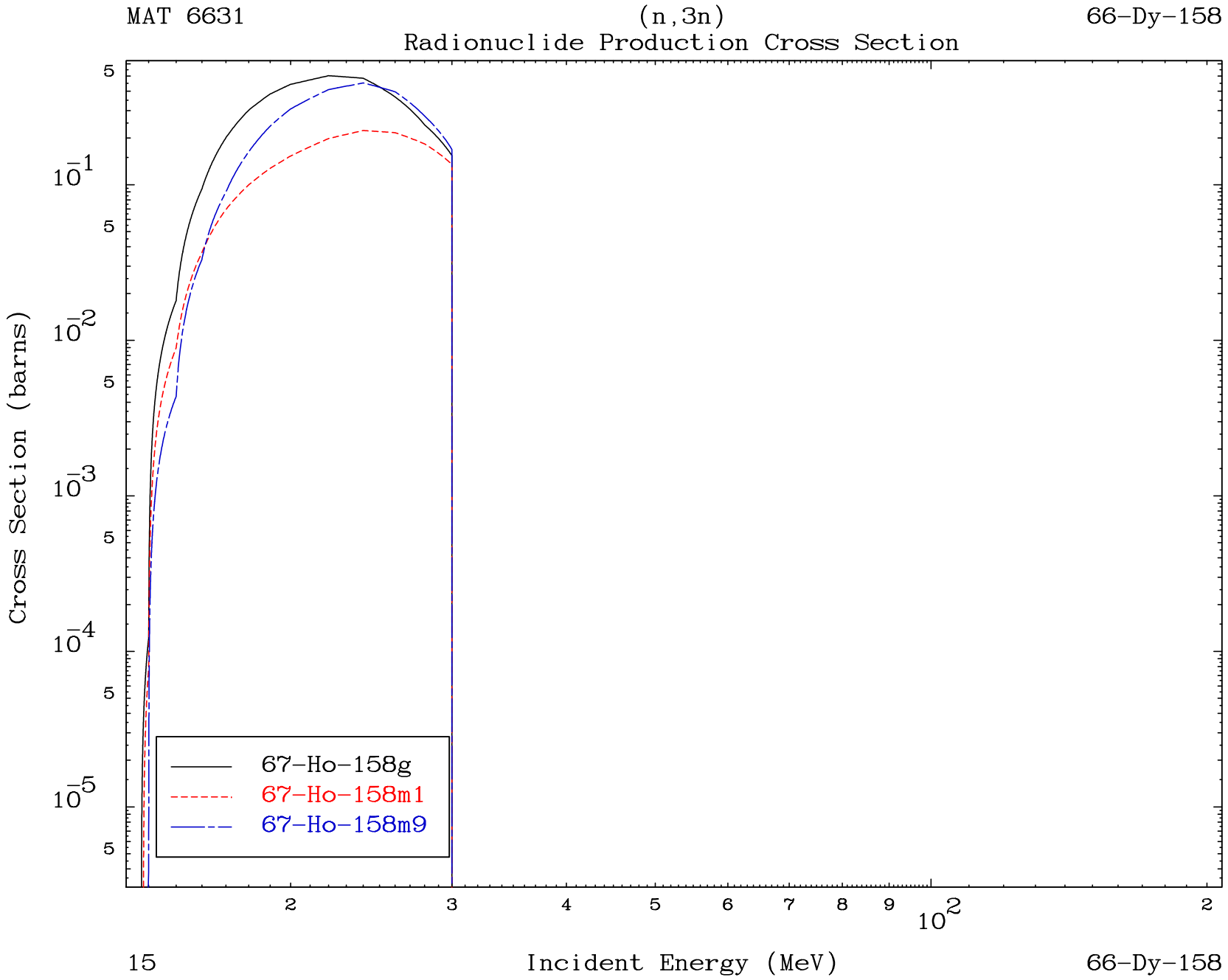

MAT 6631
(t,t) Levels
66-Dy-158
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
66-Dy-158

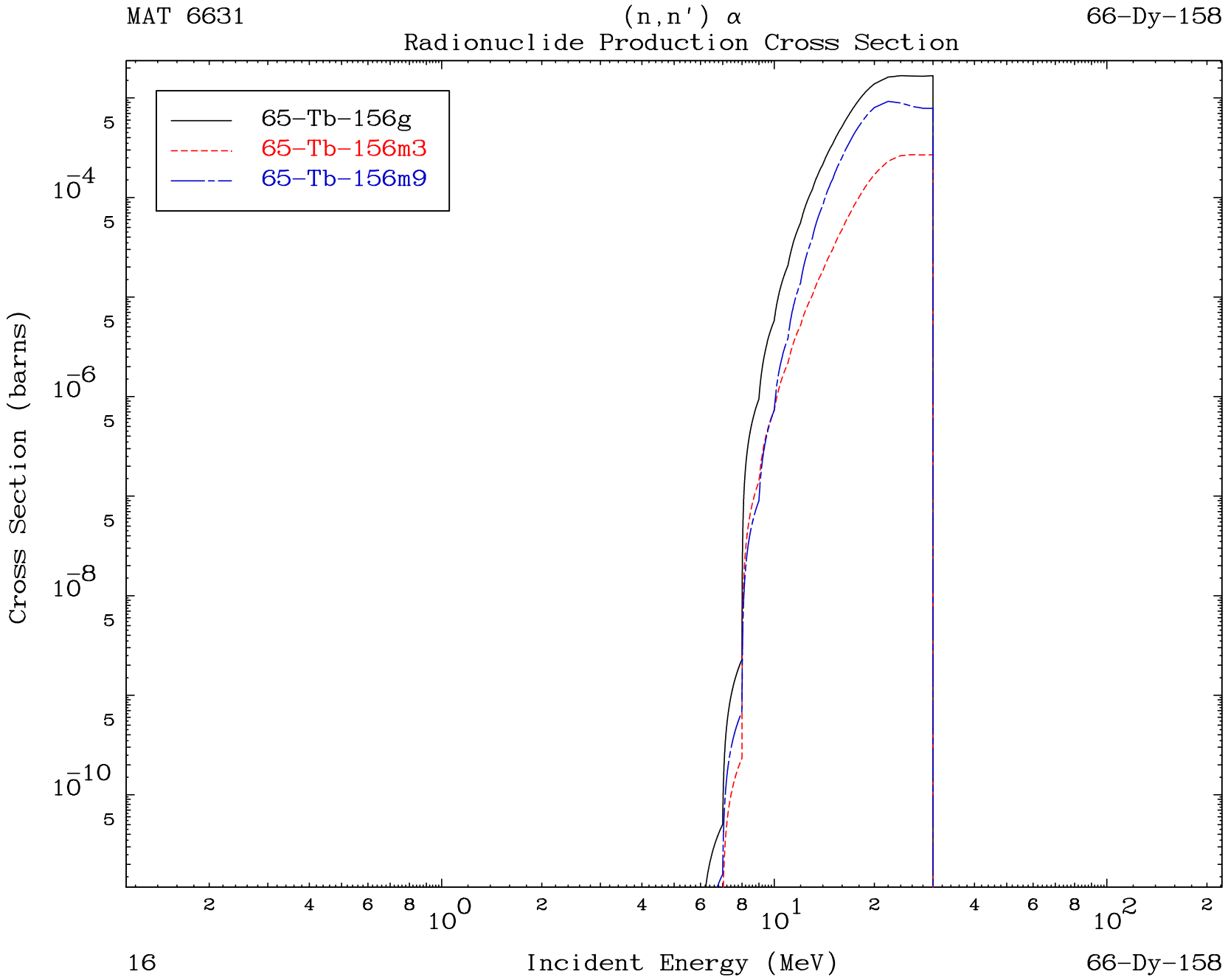

MAT 6631
(t,He3) Levels
66-Dy-158
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
66-Dy-158

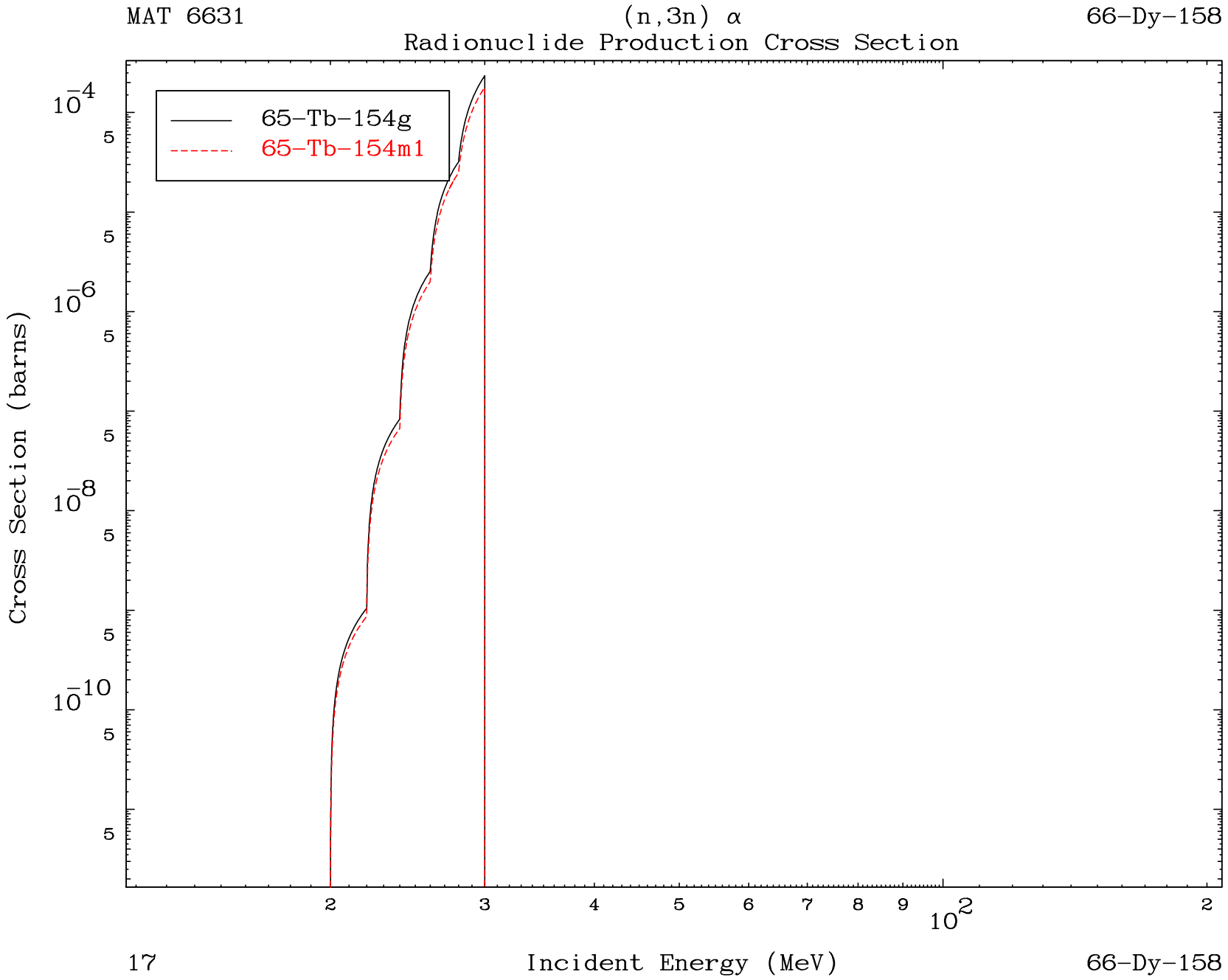

MAT 6631
(t,α) Levels
66-Dy-158
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
12
66-Dy-158

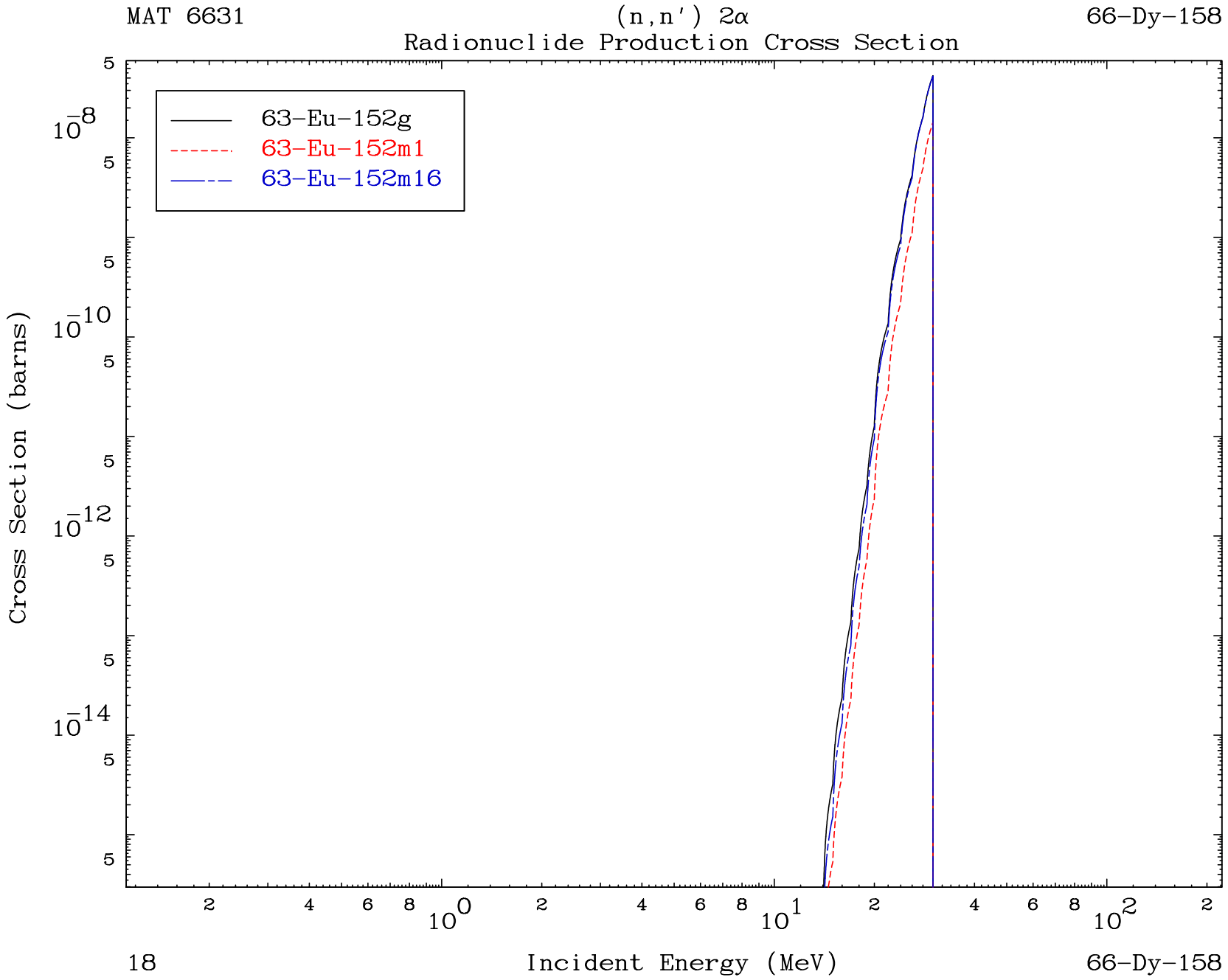

MAT 6631
Inelastic
66-Dy-158
Radionuclide Production Cross Section
67-Ho-160g
67-Ho-160m1
67-Ho-160m10
Cross Section (barns)
Incident Energy (MeV)
13
66-Dy-158

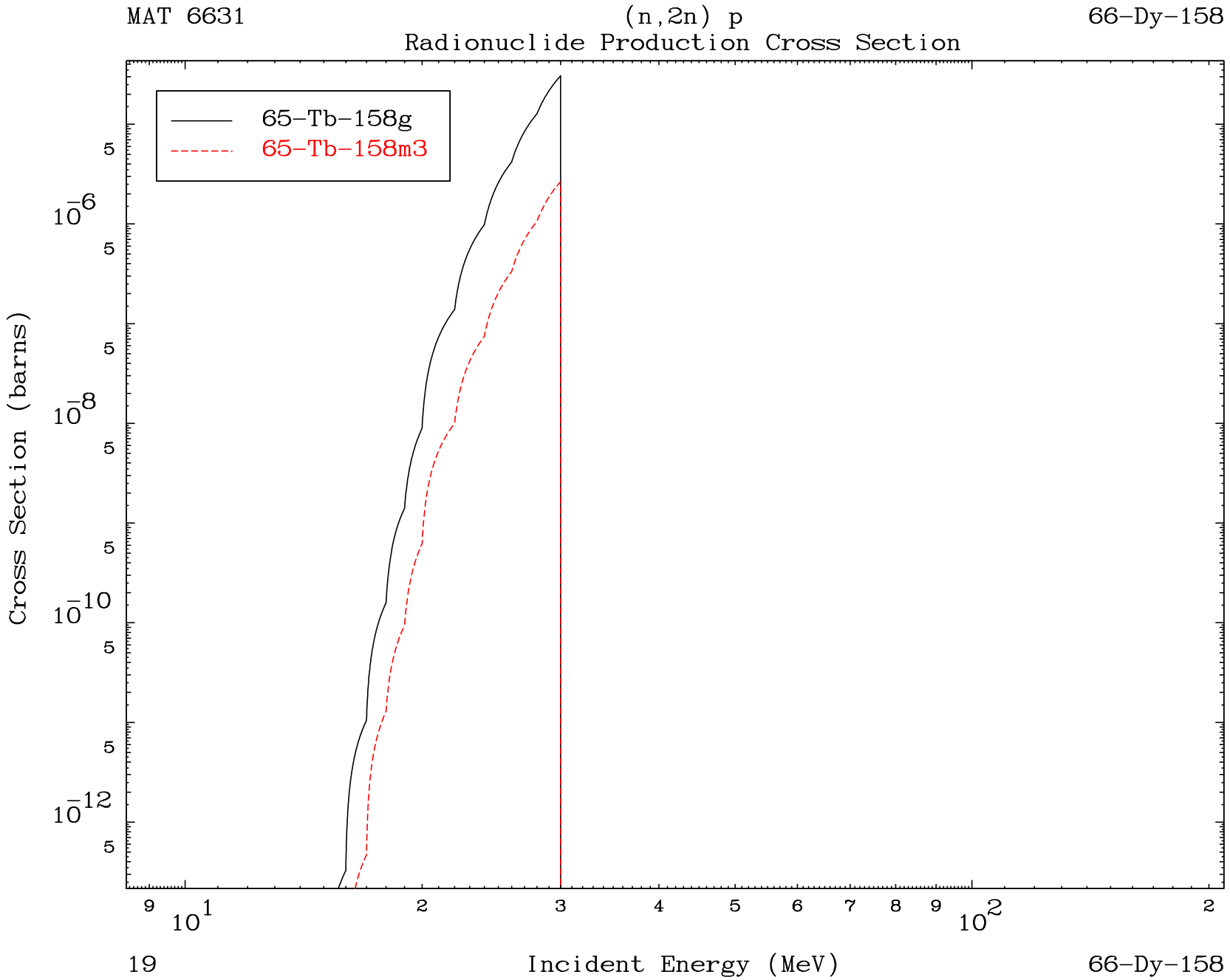

MAT 6631
(n,2n)
66-Dy-158
Radionuclide Production Cross Section
67-Ho-159g
67-Ho-159m3
Cross Section (barns)
Incident Energy (MeV)
14
66-Dy-158

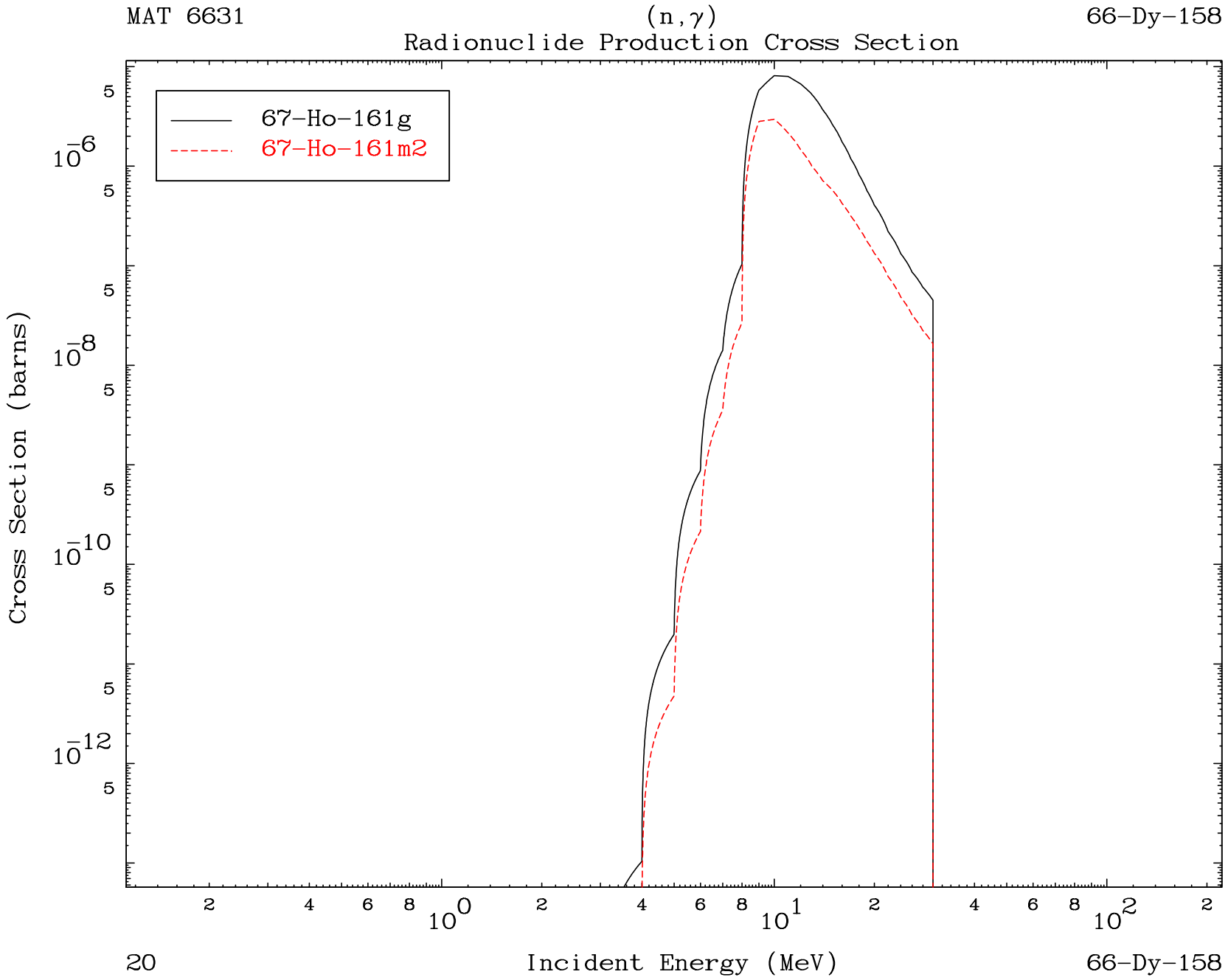

MAT 6631
(n,3n)
66-Dy-158
Radionuclide Production Cross Section
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
5
2
3
4
5
6
7
8
9
10+2
67-Ho-158g
67-Ho-158m1
67-Ho-158m9
15
Incident Energy (MeV)
66-Dy-158

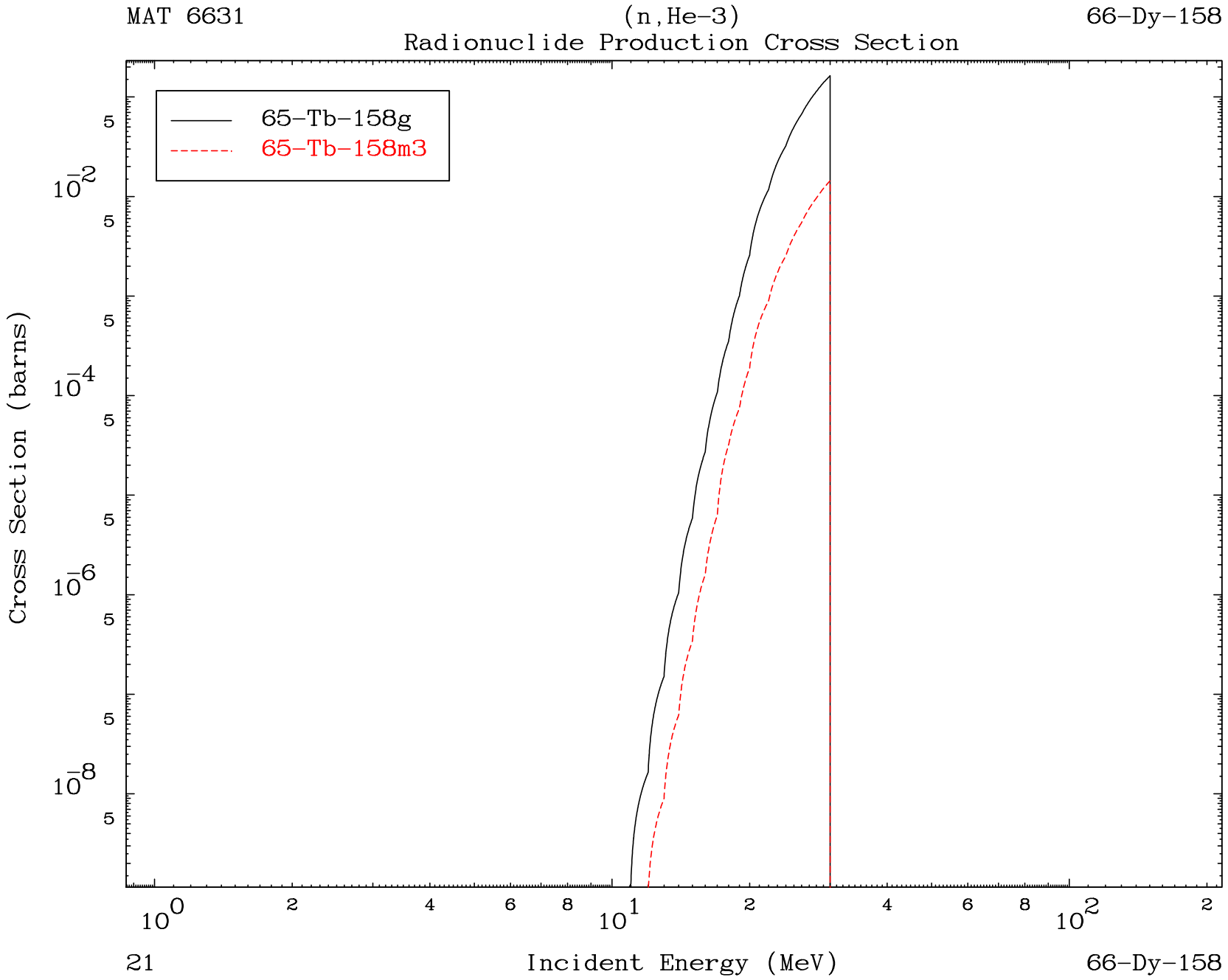

MAT 6631
(n,n') α
66-Dy-158
Radionuclide Production Cross Section
65-Tb-156g
65-Tb-156m3
65-Tb-156m9
Cross Section (barns)
Incident Energy (MeV)
16
66-Dy-158

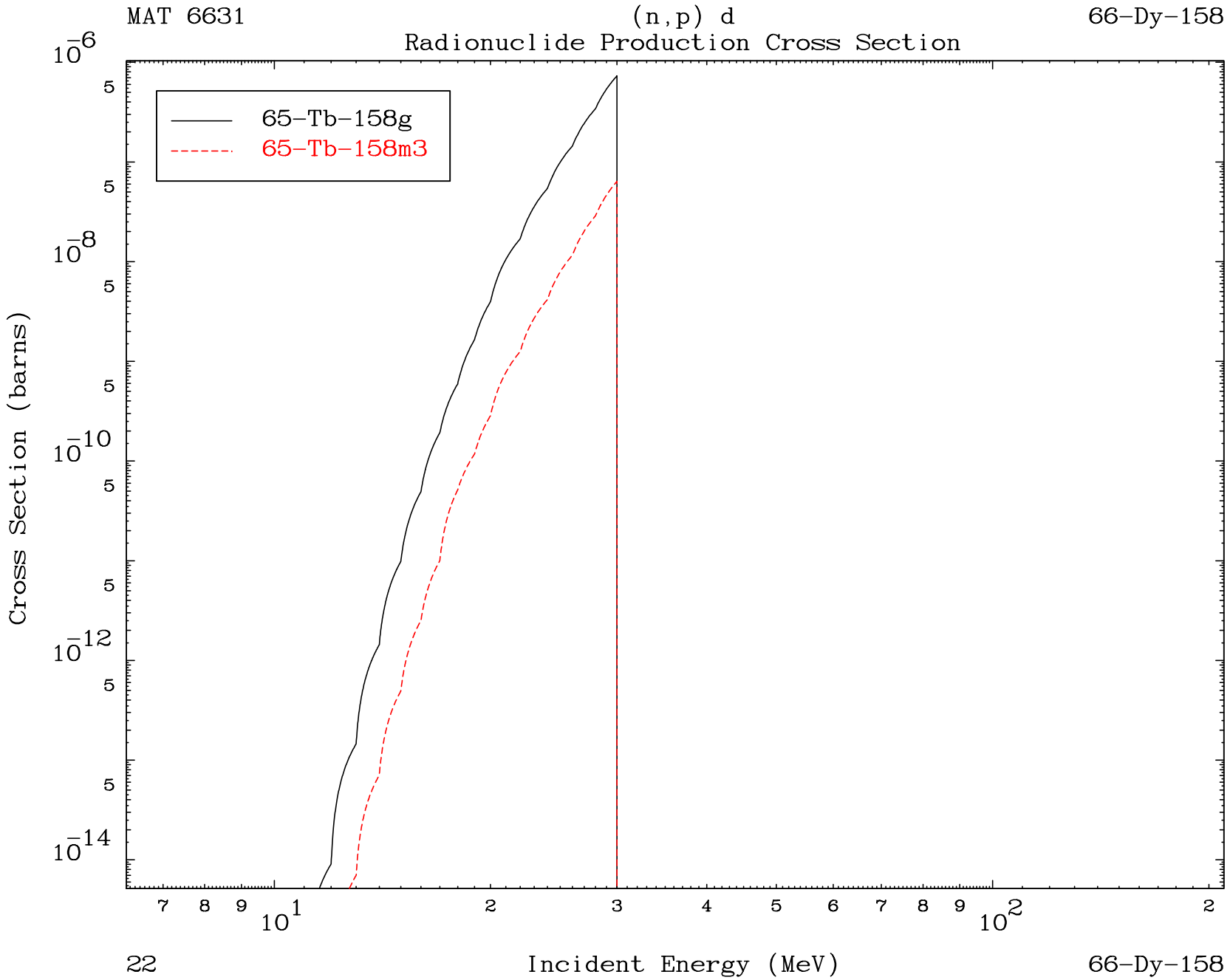

MAT 6631
(n,3n) α
66-Dy-158
Radionuclide Production Cross Section
65-Tb-154g
65-Tb-154m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
66-Dy-158


MAT 6631
(n,n') 2α
66-Dy-158
Radionuclide Production Cross Section
63-Eu-152g
63-Eu-152m1
63-Eu-152m16
Cross Section (barns)
Incident Energy (MeV)
18
66-Dy-158


MAT 6631
(n,2n) p
66-Dy-158
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
66-Dy-158


MAT 6631
(n,γ)
66-Dy-158
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
20
66-Dy-158


MAT 6631
(n,He-3)
66-Dy-158
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
21
66-Dy-158


MAT 6631
(n,p) d
66-Dy-158
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
Incident Energy (MeV)
22
66-Dy-158