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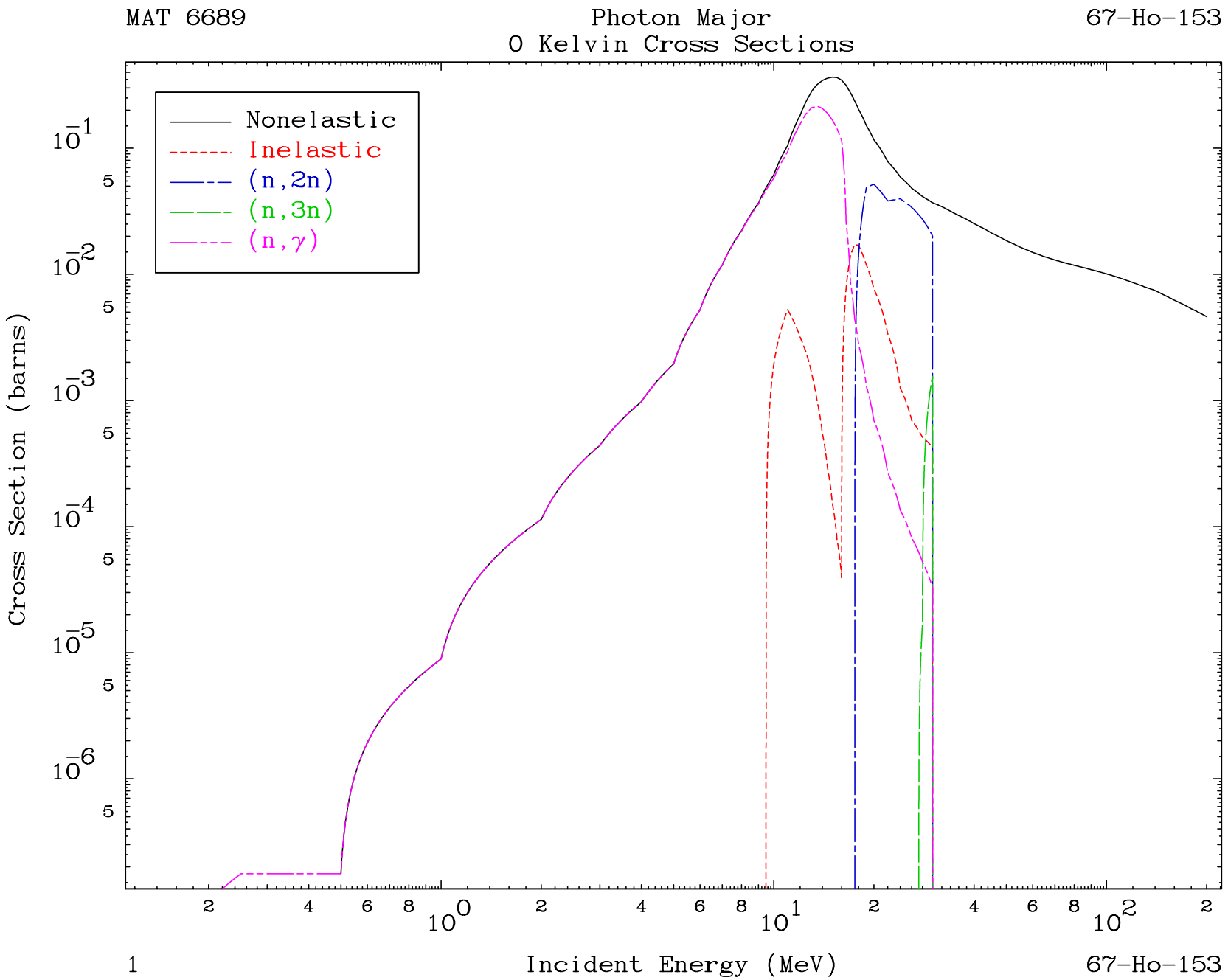
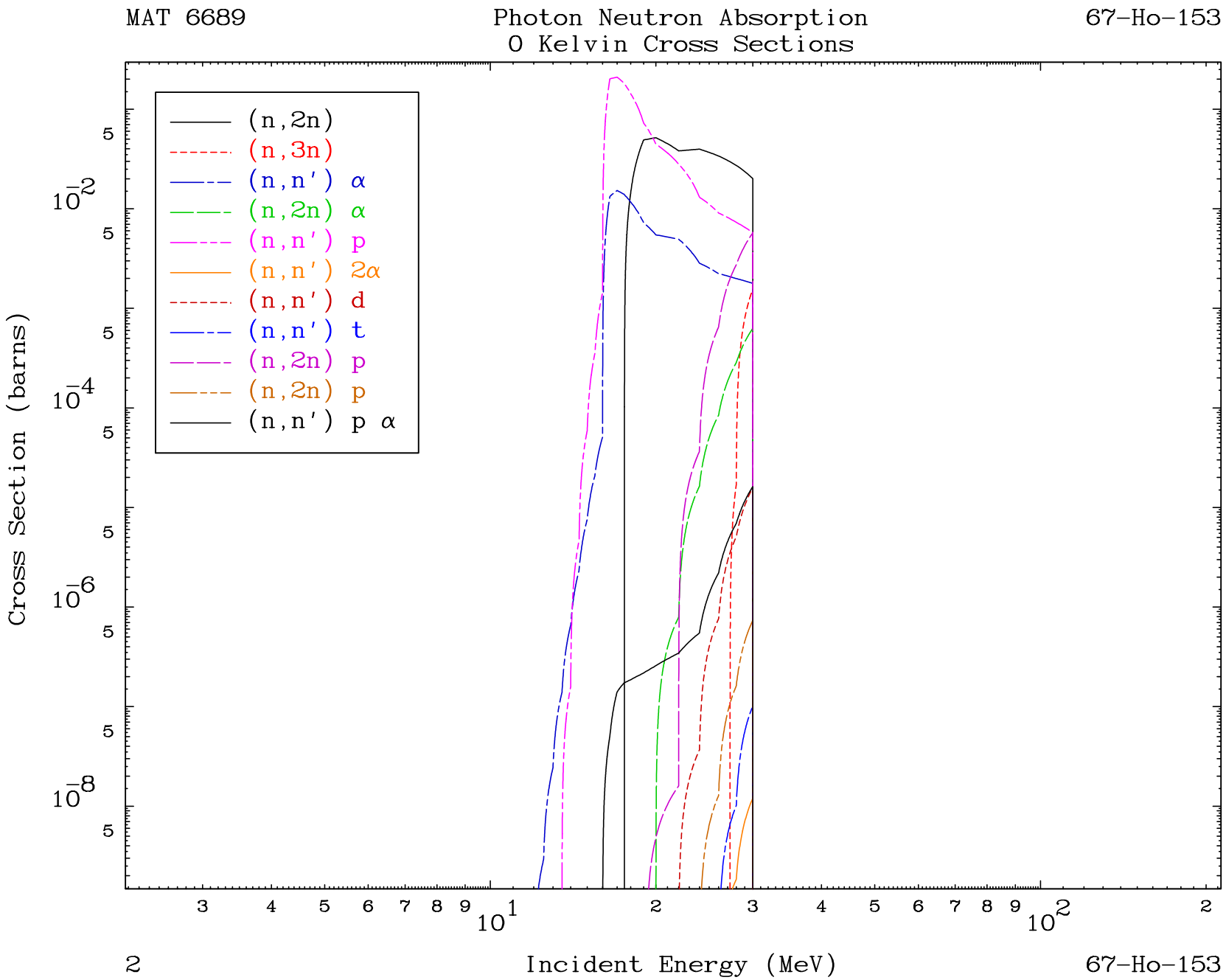
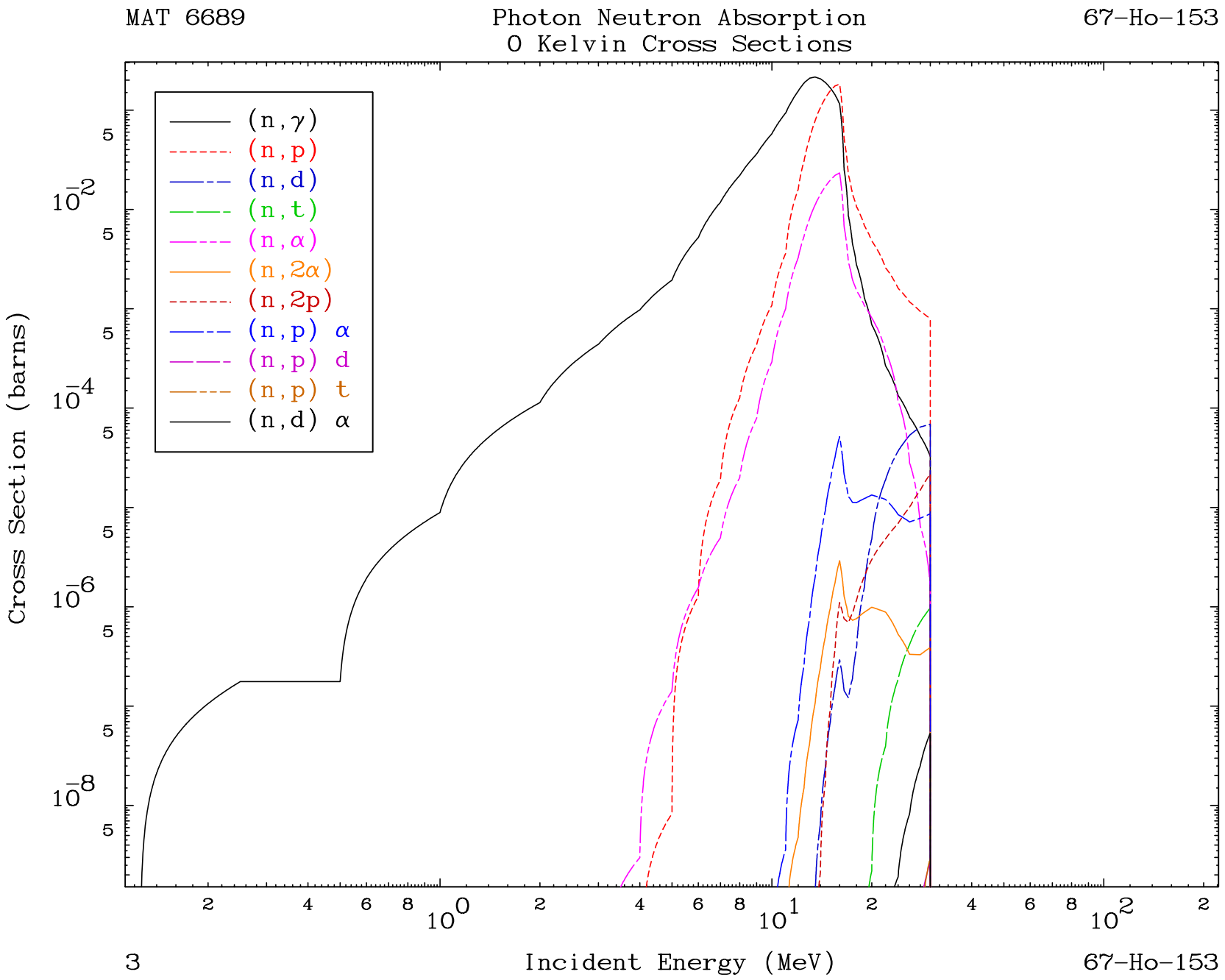
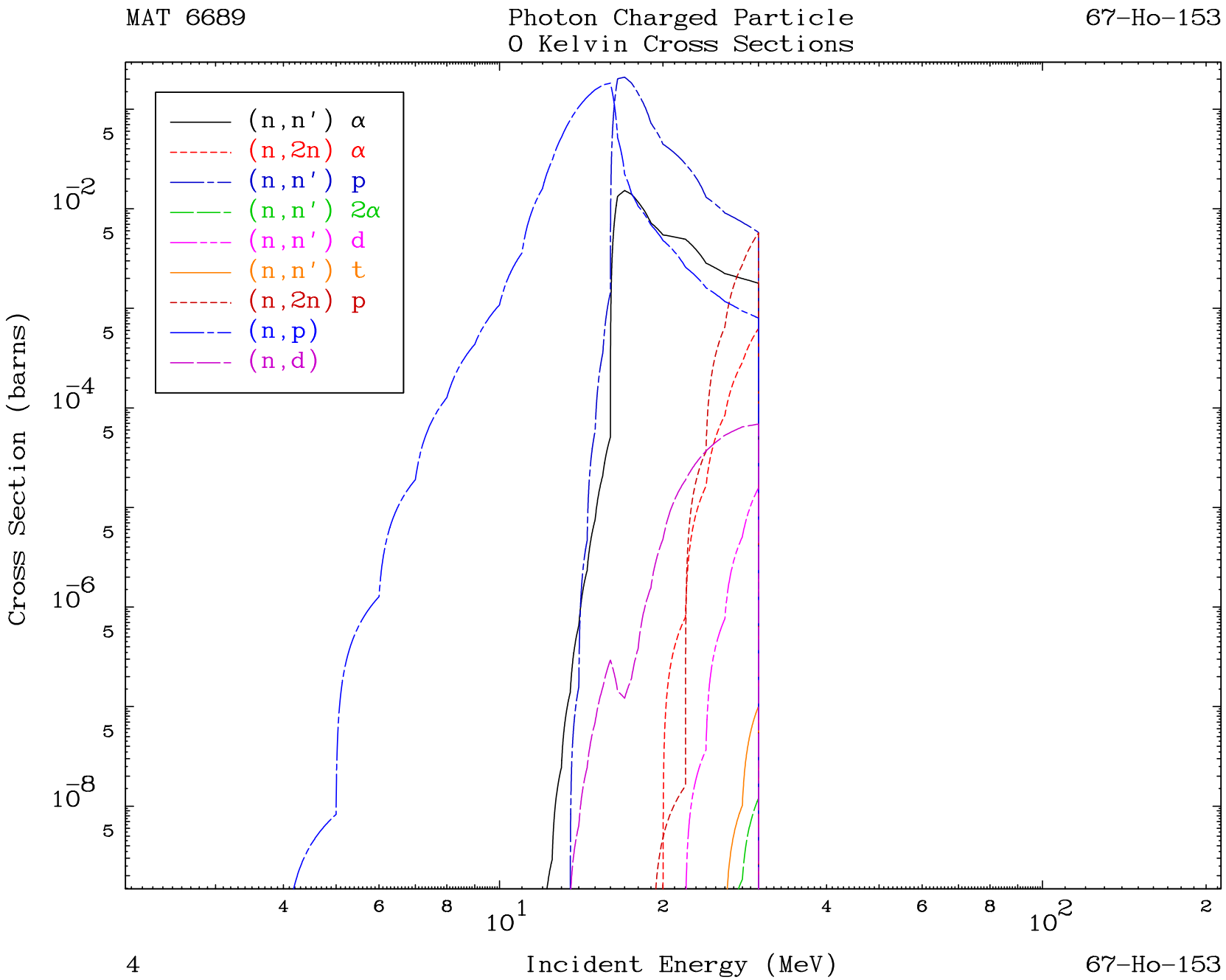
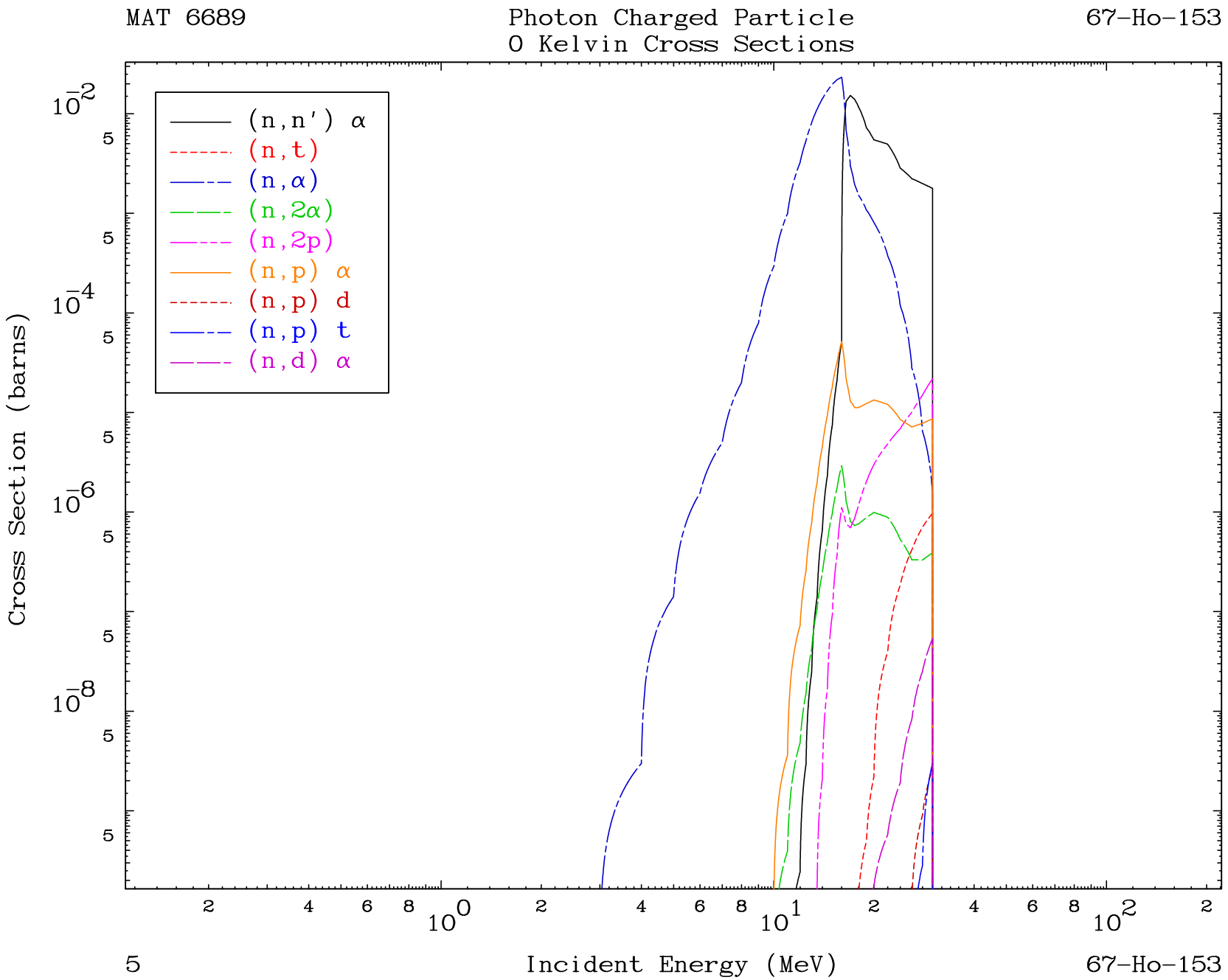
Press Mouse Button to Start

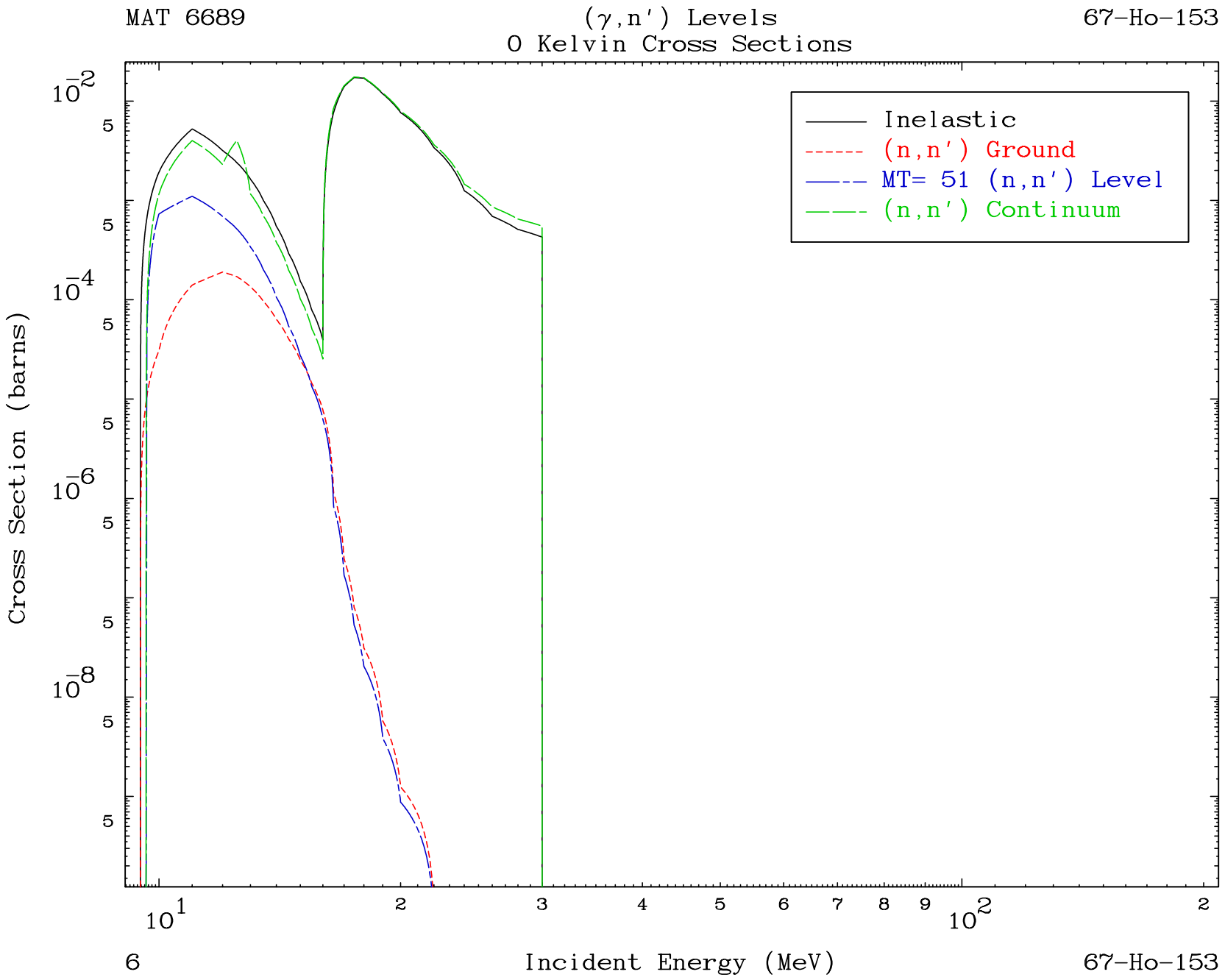

MAT 6689
Photon Major
67-Ho-153
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-153
1

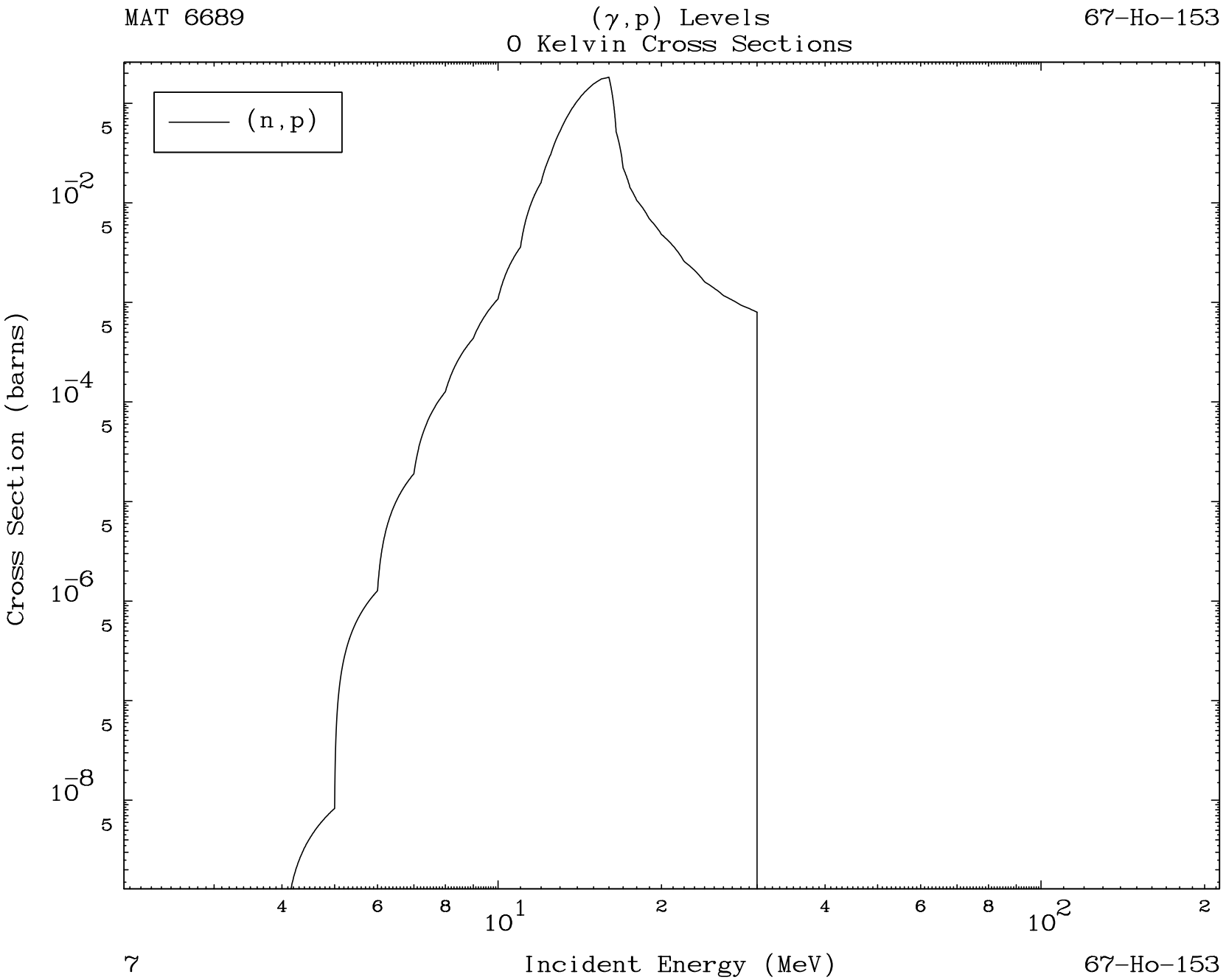

MAT 6689
Photon Neutron Absorption
0 Kelvin Cross Sections
67-Ho-153
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
(n,n') p α
Cross Section (barns)
Incident Energy (MeV)
67-Ho-153
2

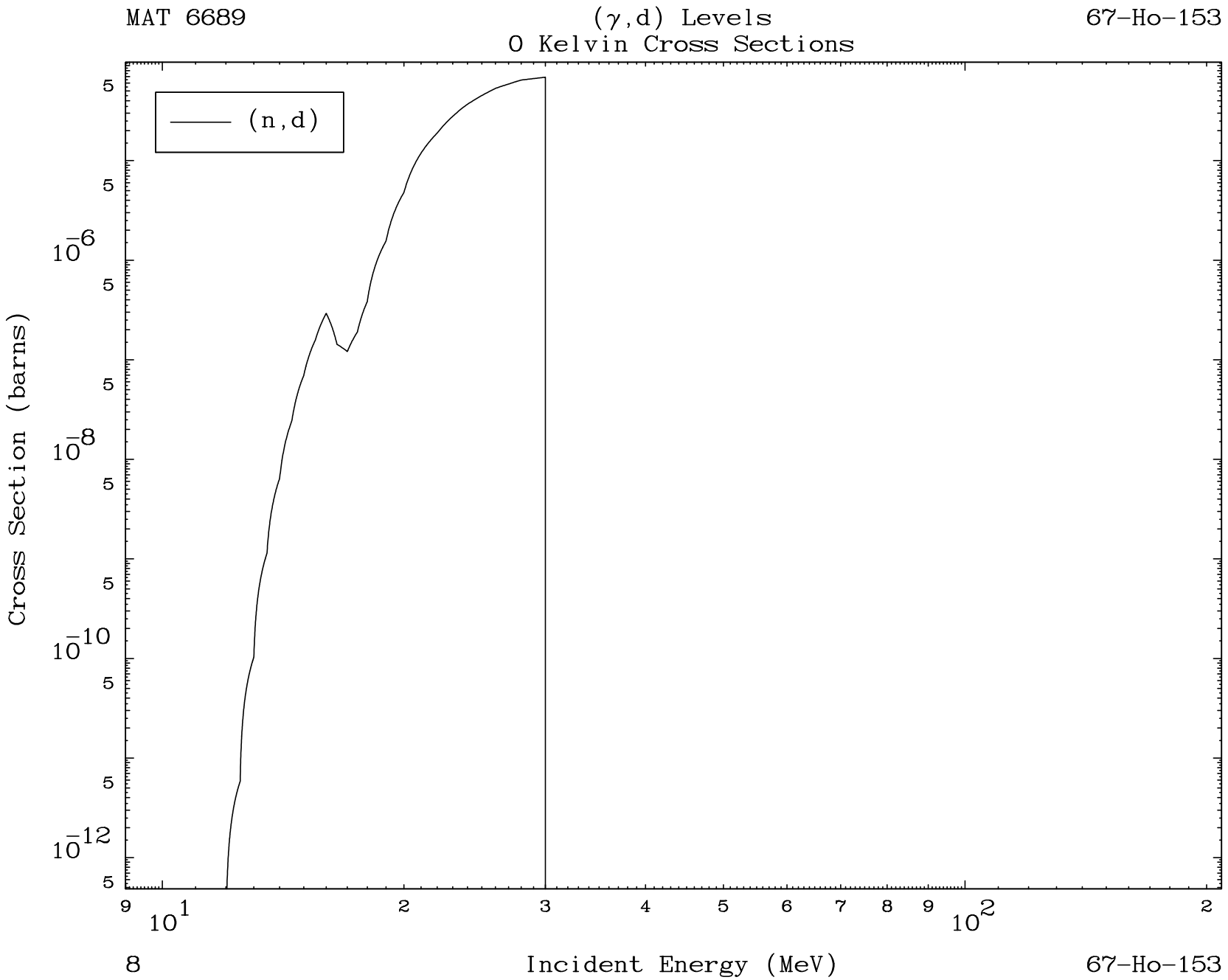

MAT 6689
Photon Neutron Absorption
0 Kelvin Cross Sections
67-Ho-153
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-153

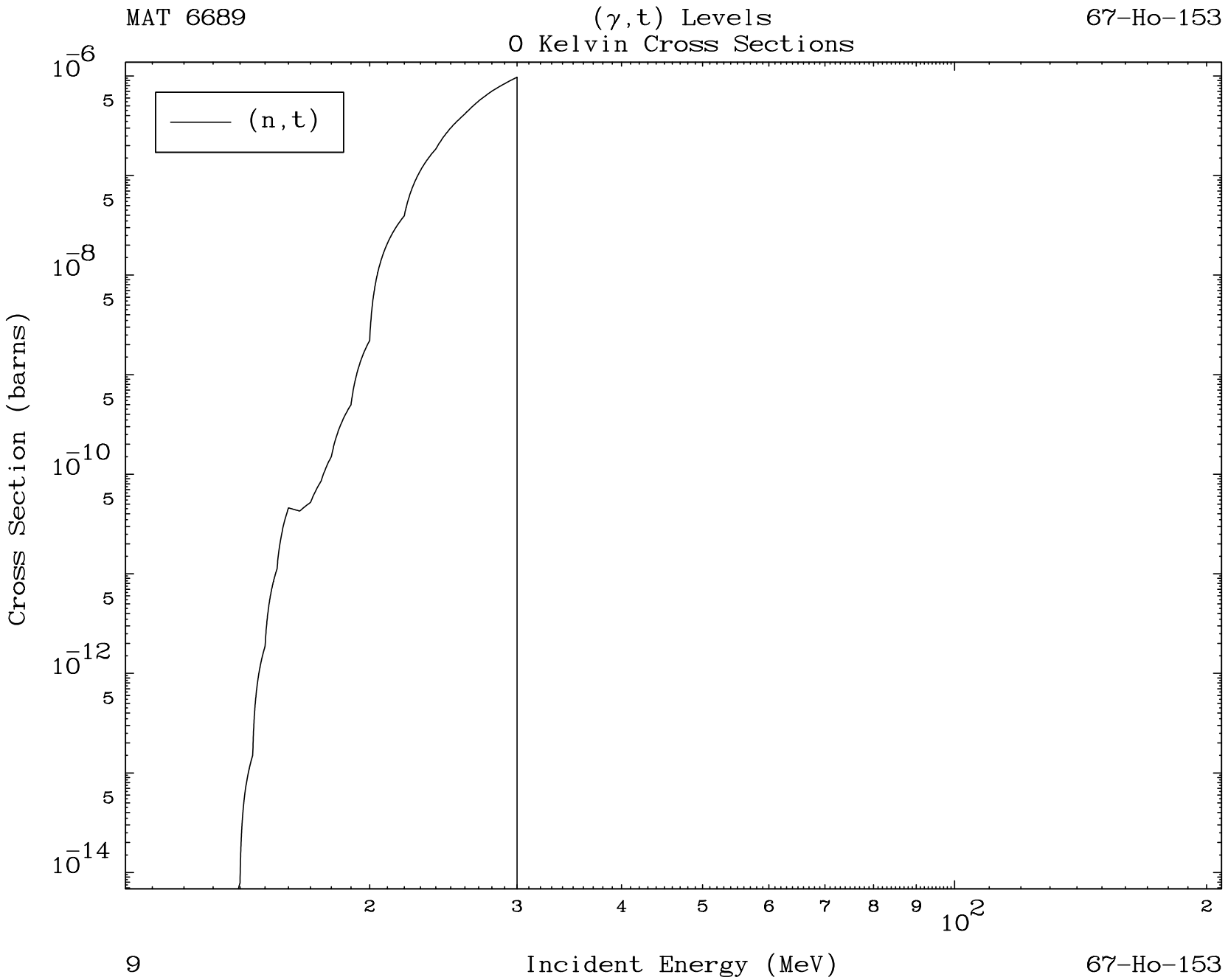

MAT 6689
Photon Charged Particle
0 Kelvin Cross Sections
67-Ho-153
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^1
10^2
Incident Energy (MeV)
4
67-Ho-153

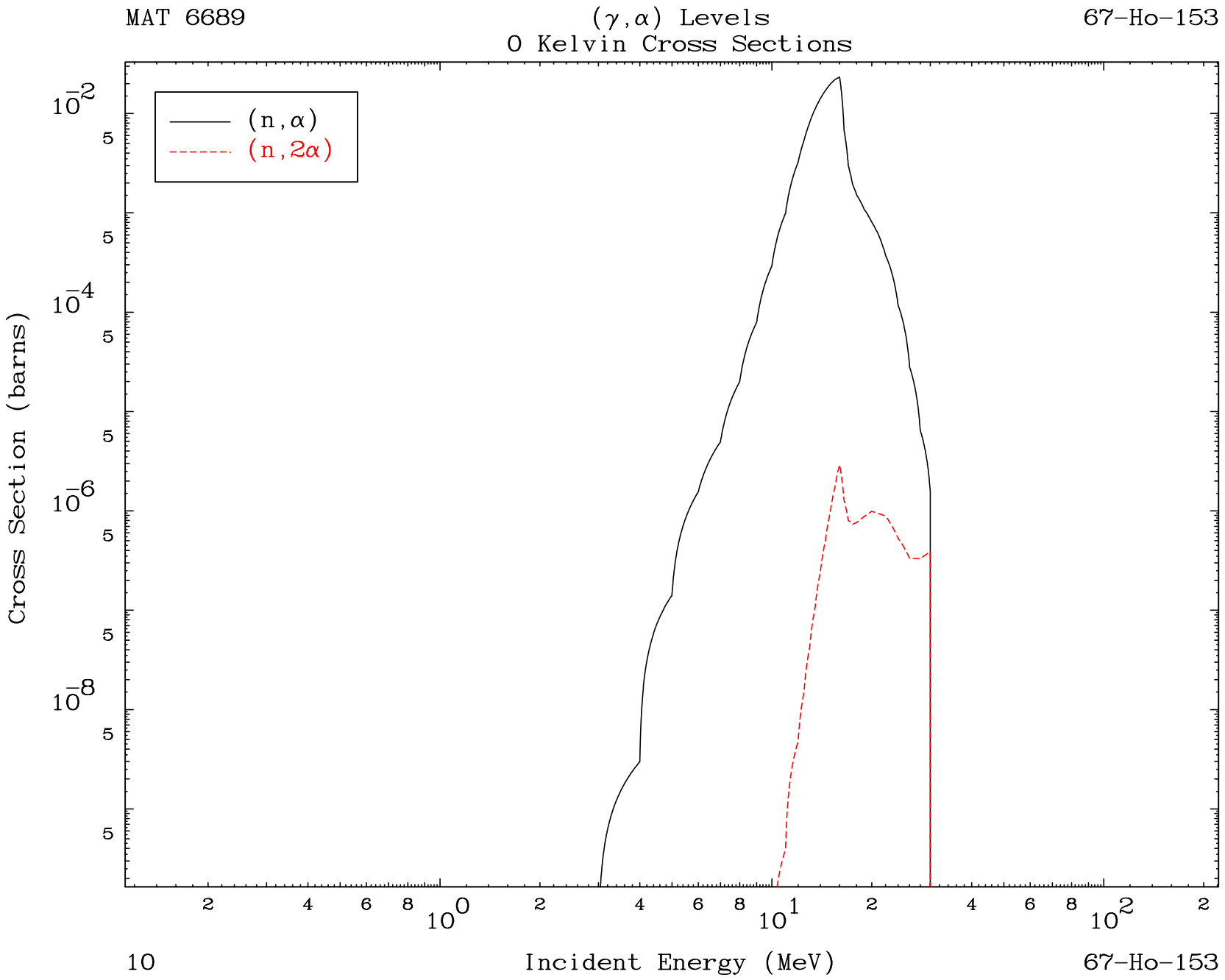

MAT 6689
Photon Charged Particle
0 Kelvin Cross Sections
67-Ho-153
(n,n') α
(n,t)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
67-Ho-153

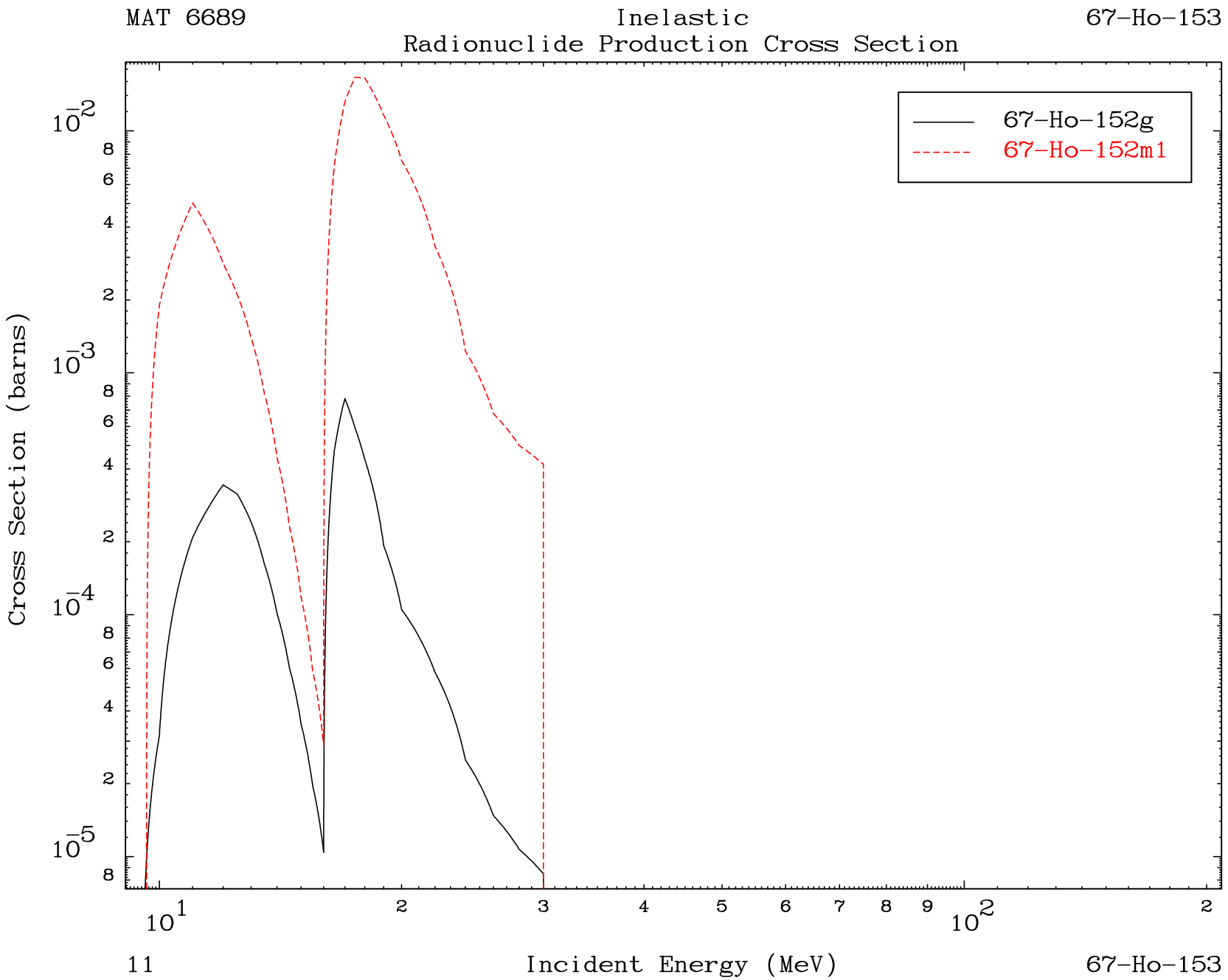

MAT 6689
(γ,n') Levels
0 Kelvin Cross Sections
67-Ho-153
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
67-Ho-153

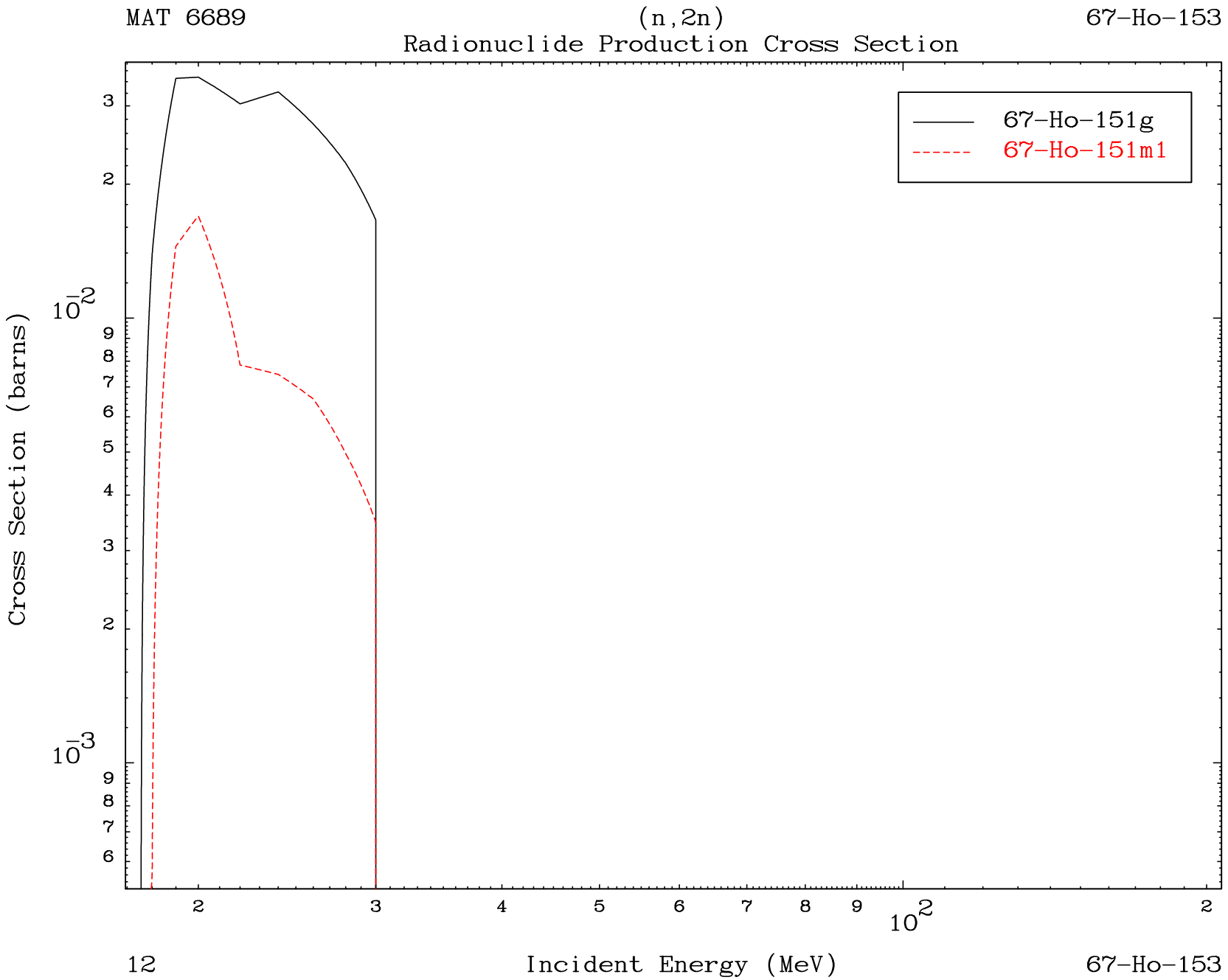

MAT 6689
(γ,p) Levels
67-Ho-153
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
7
Incident Energy (MeV)
67-Ho-153

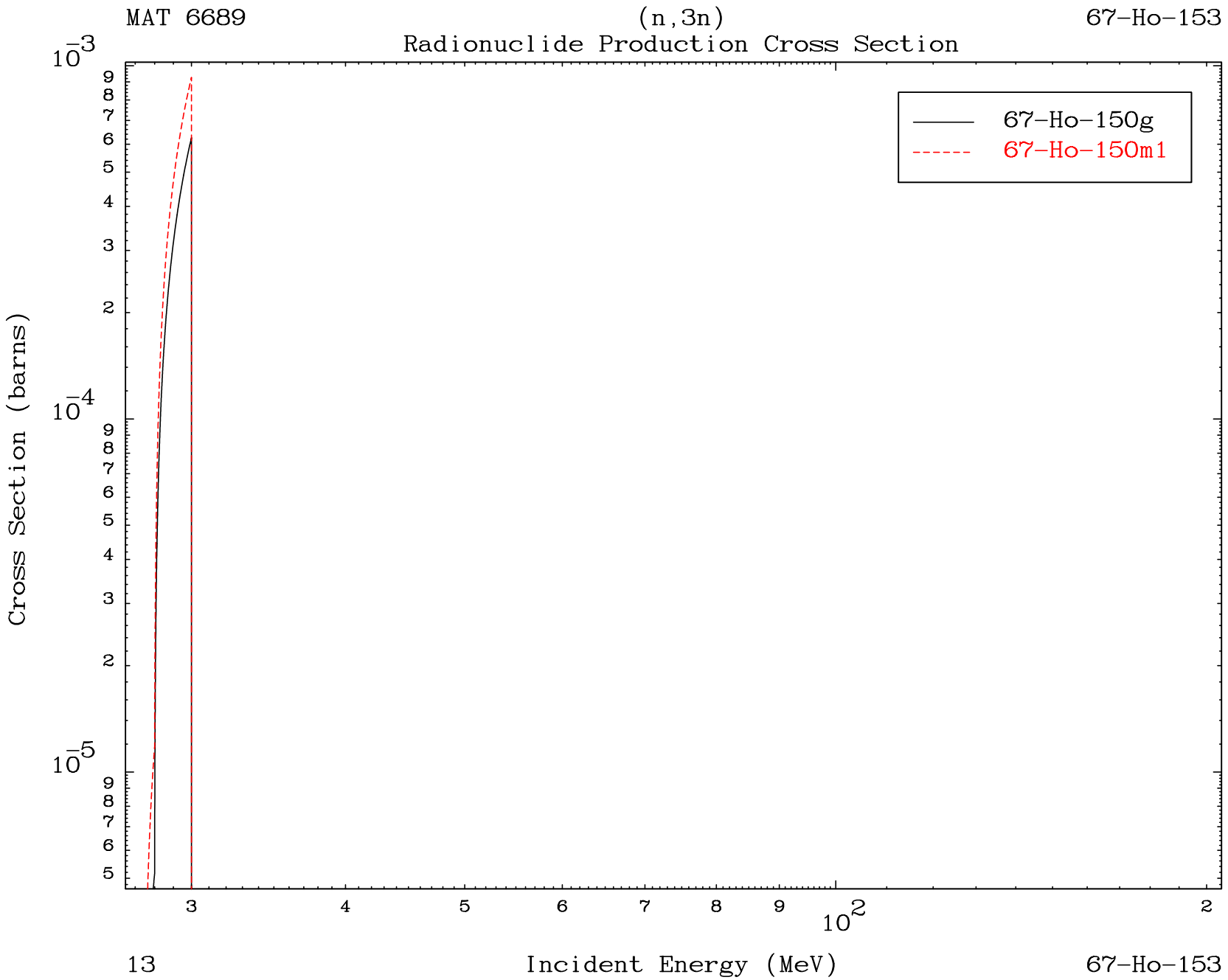

MAT 6689
(γ,d) Levels
67-Ho-153
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
67-Ho-153

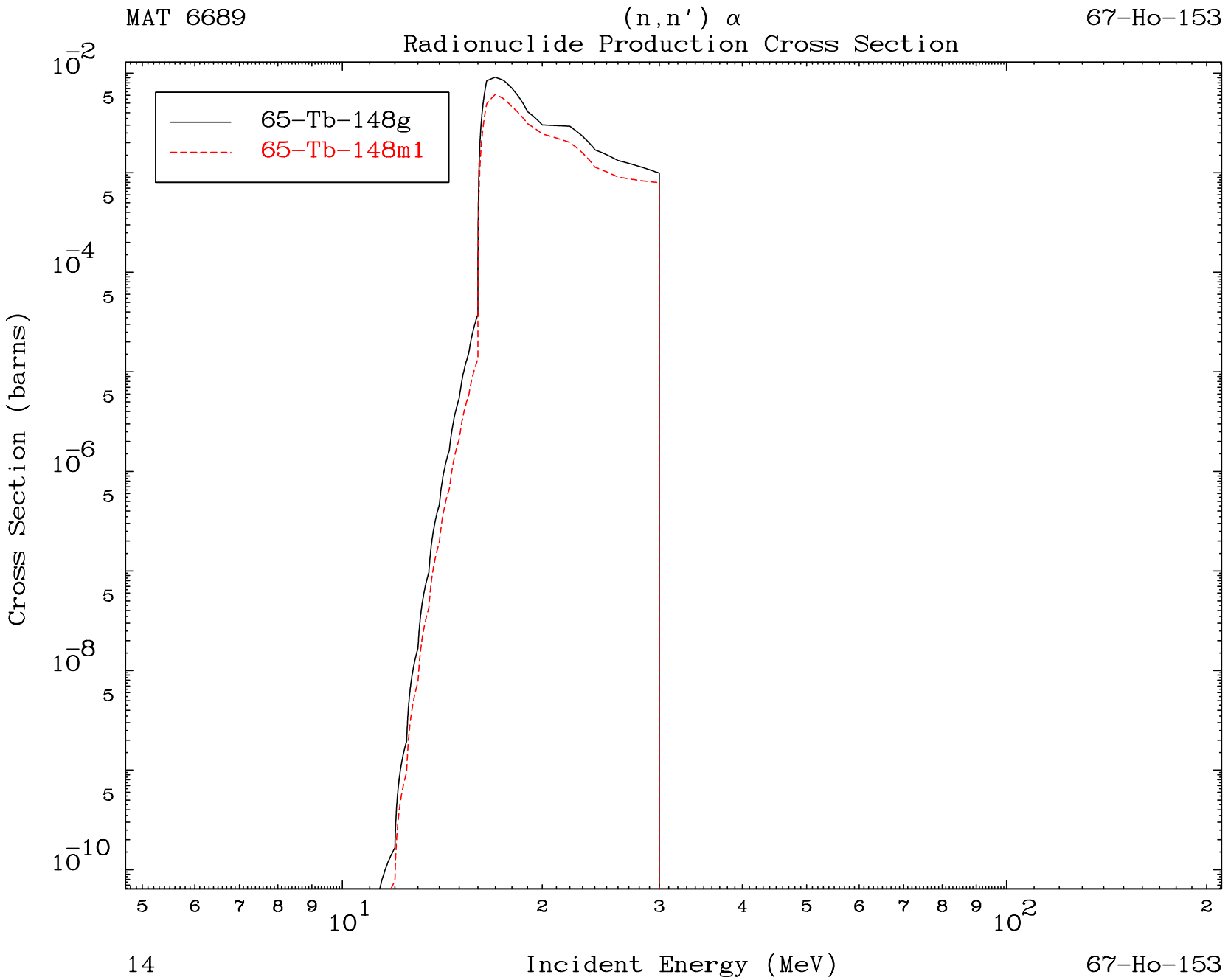

MAT 6689
(γ,t) Levels
67-Ho-153
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
67-Ho-153

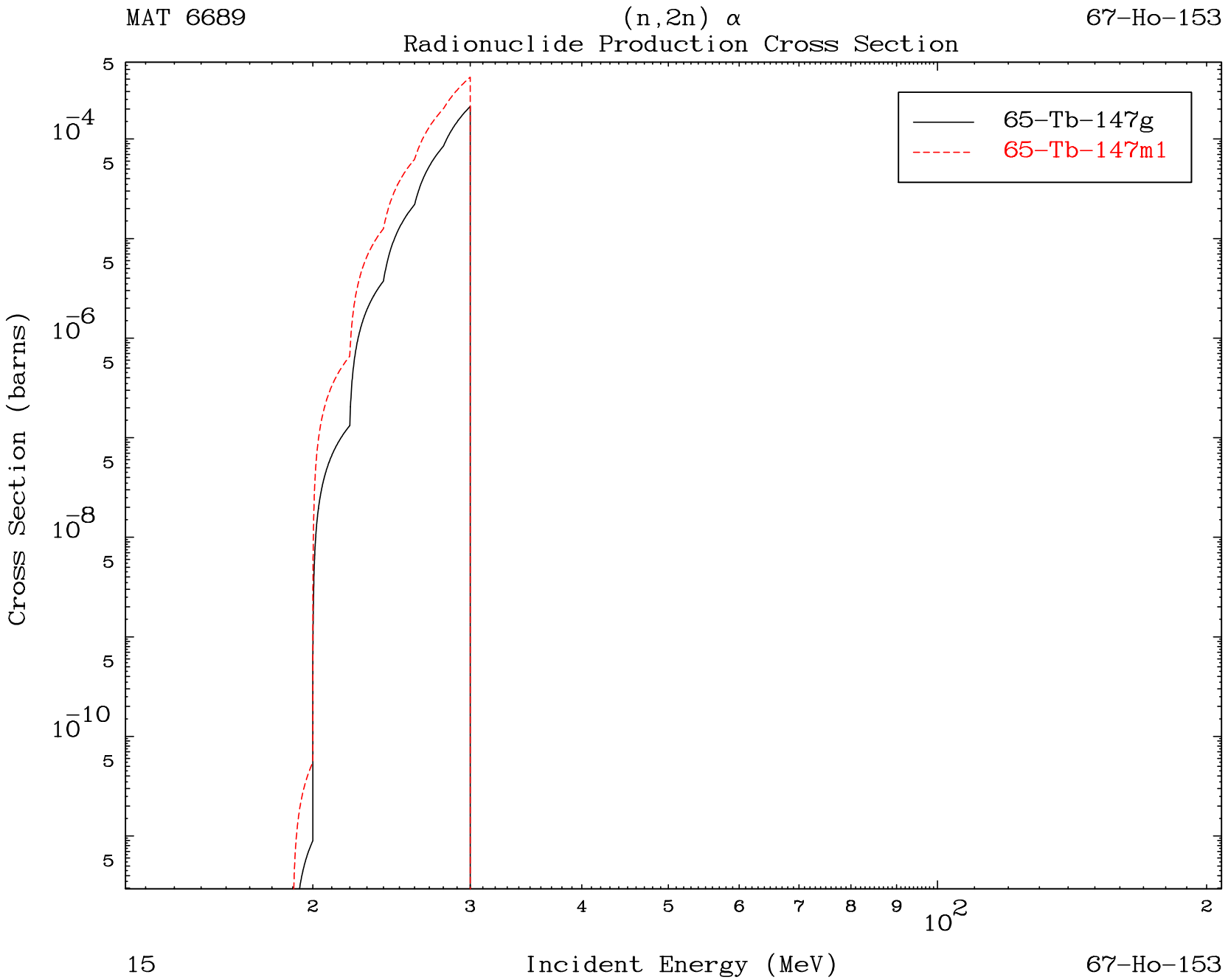

MAT 6689
(γ,α) Levels
67-Ho-153
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
67-Ho-153

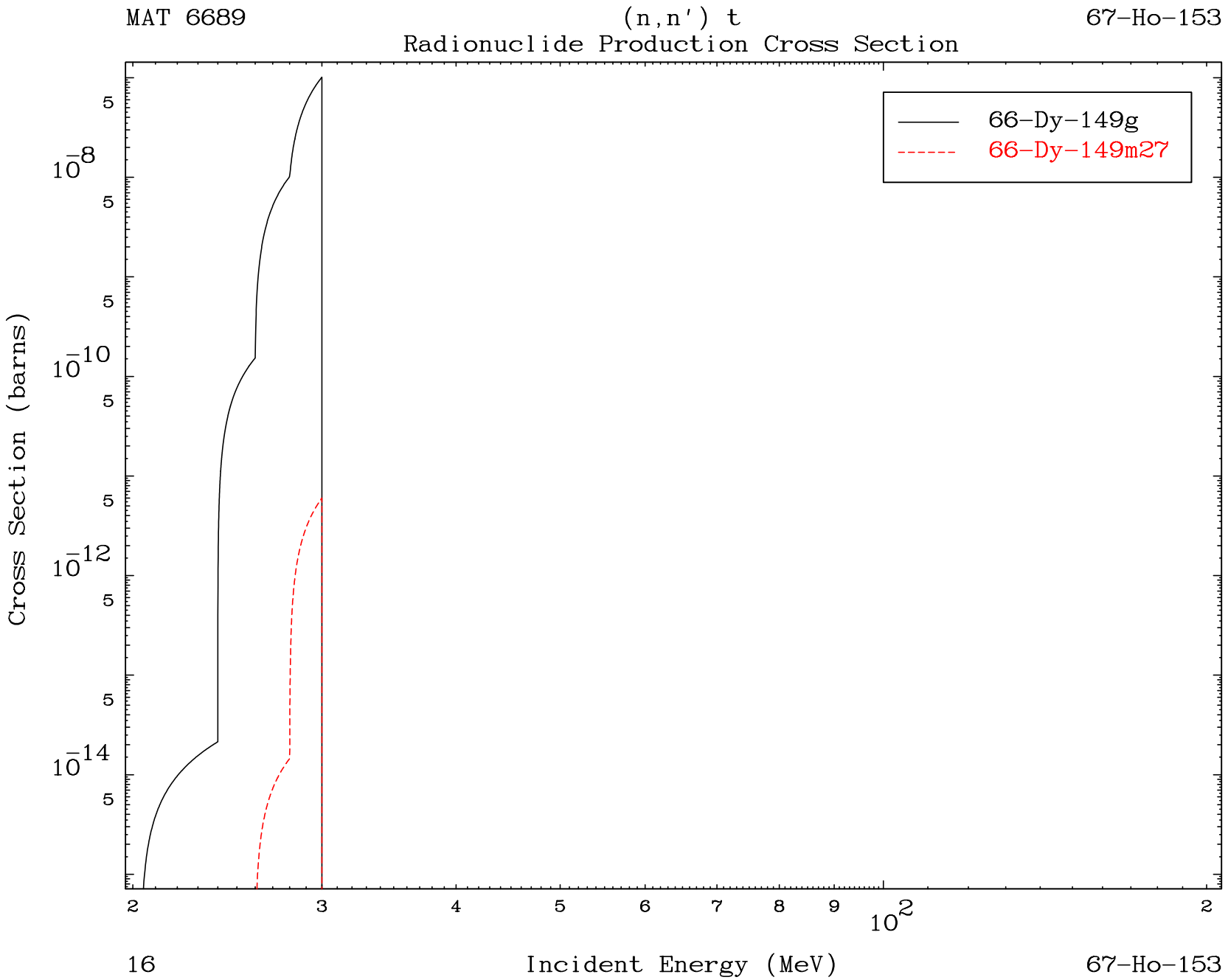

MAT 6689
Inelastic
67-Ho-153
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
Incident Energy (MeV)
11
67-Ho-153

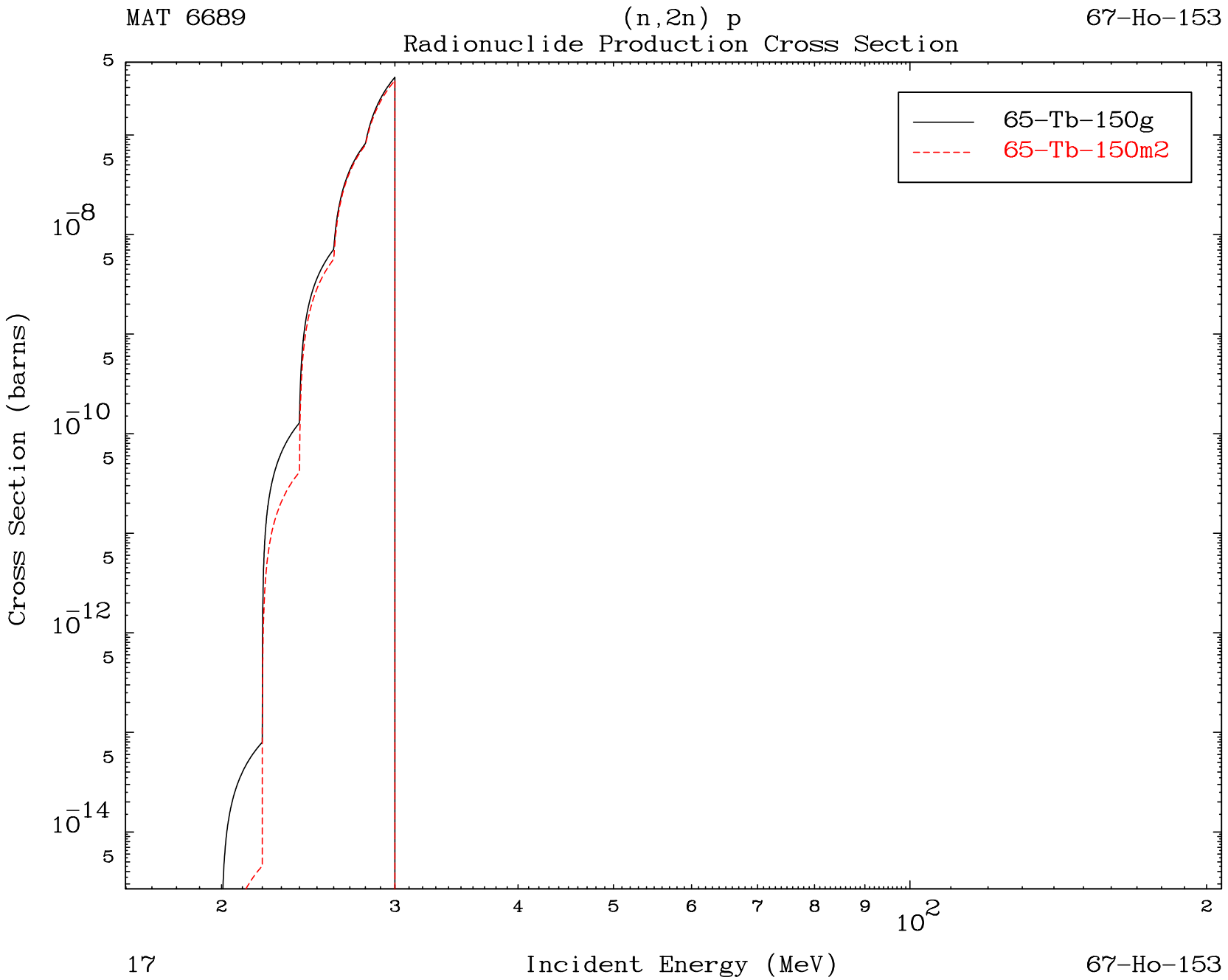

MAT 6689
(n,2n)
67-Ho-153
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
Incident Energy (MeV)
12
67-Ho-153

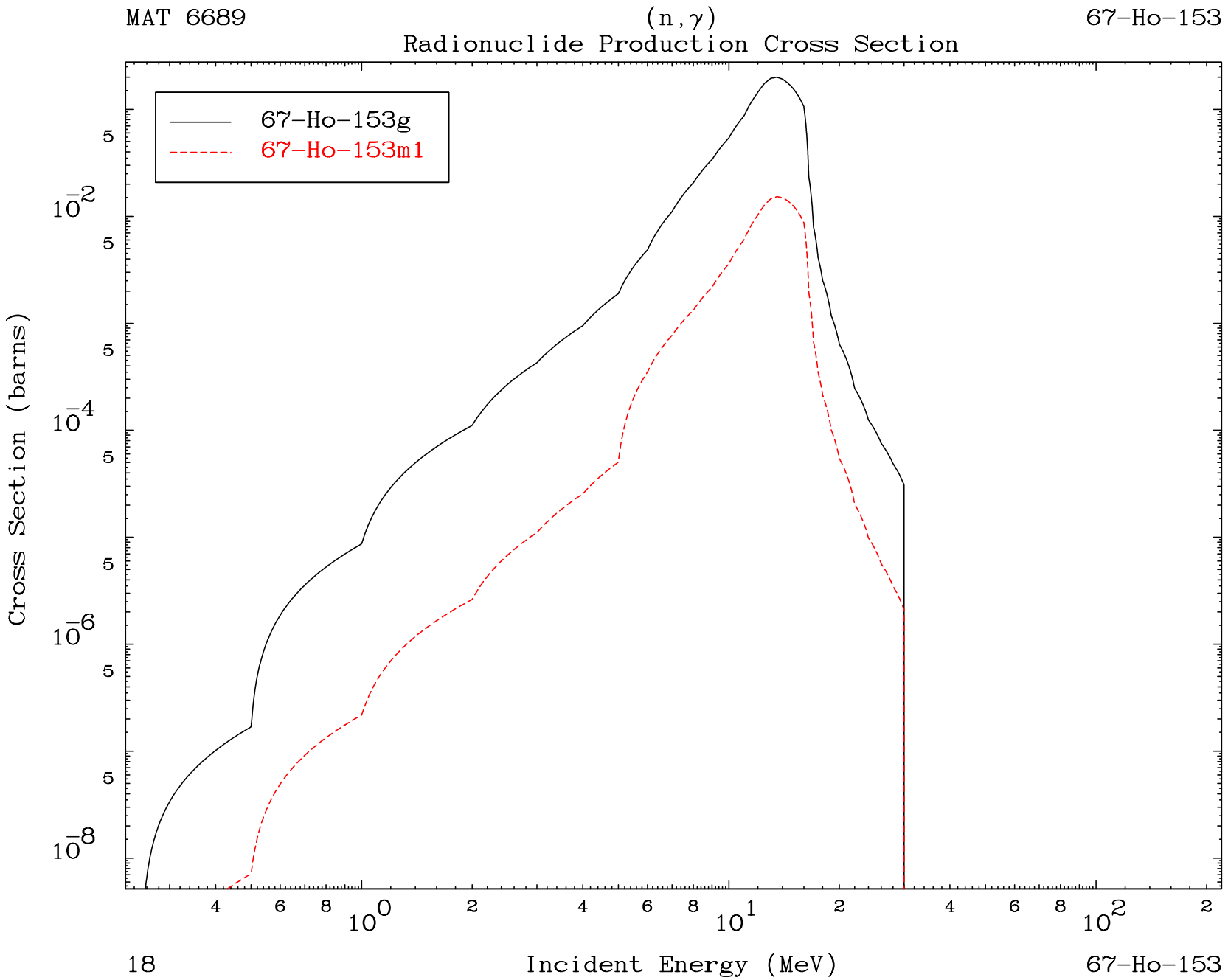

MAT 6689
(n,3n)
67-Ho-153
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
13
67-Ho-153

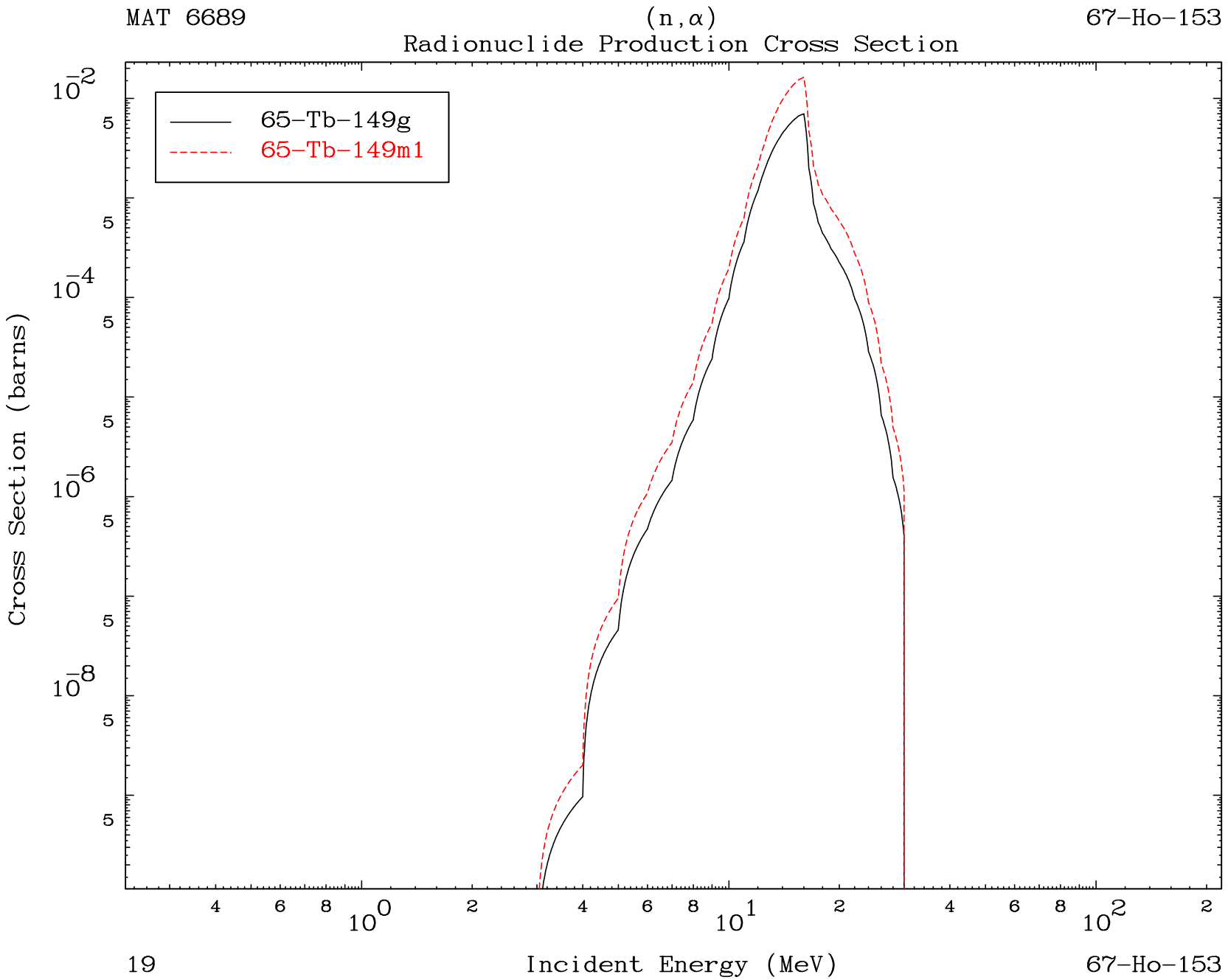

MAT 6689
(n,n') α
67-Ho-153
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-153

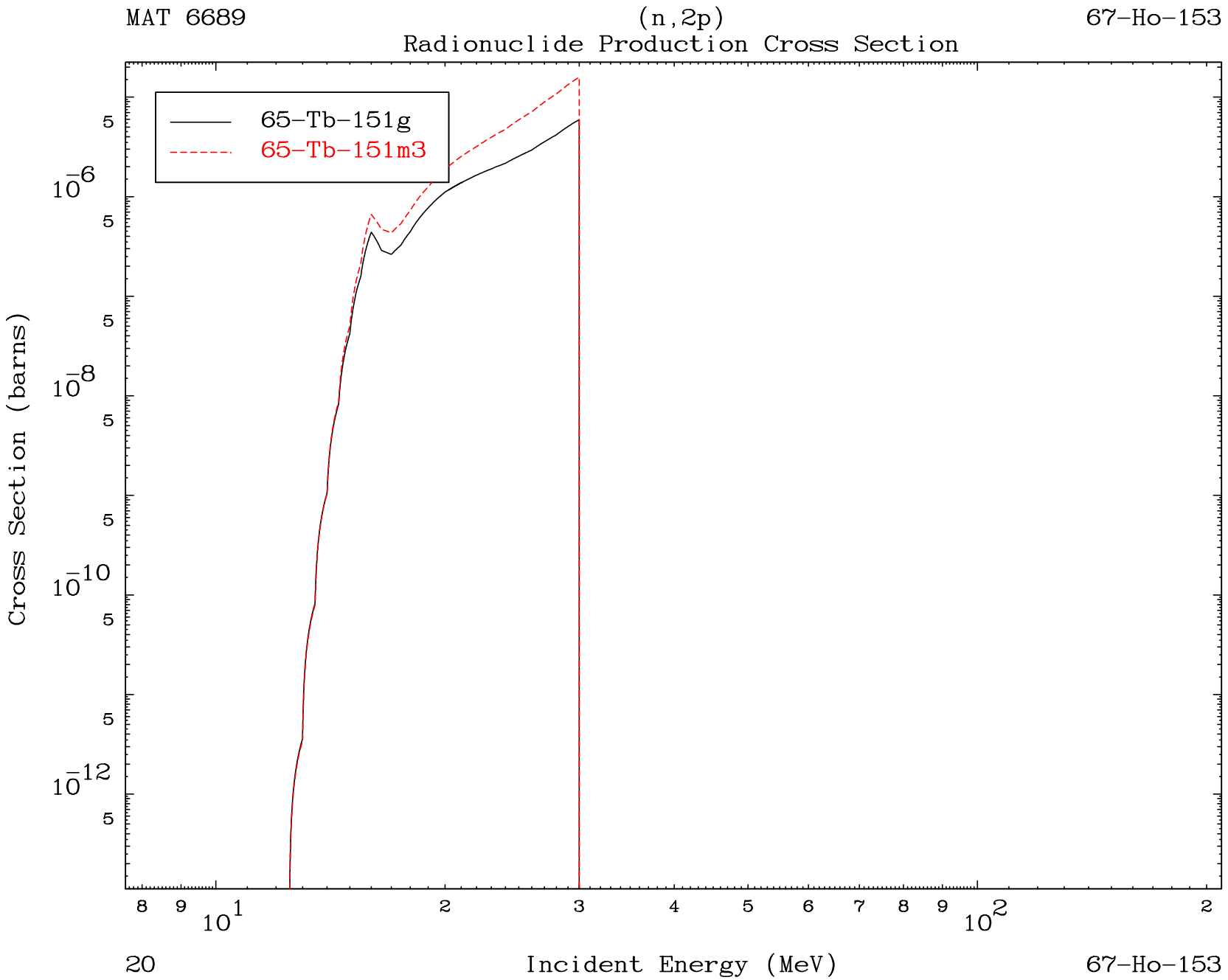

MAT 6689
(n,2n) α
67-Ho-153
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
15
67-Ho-153

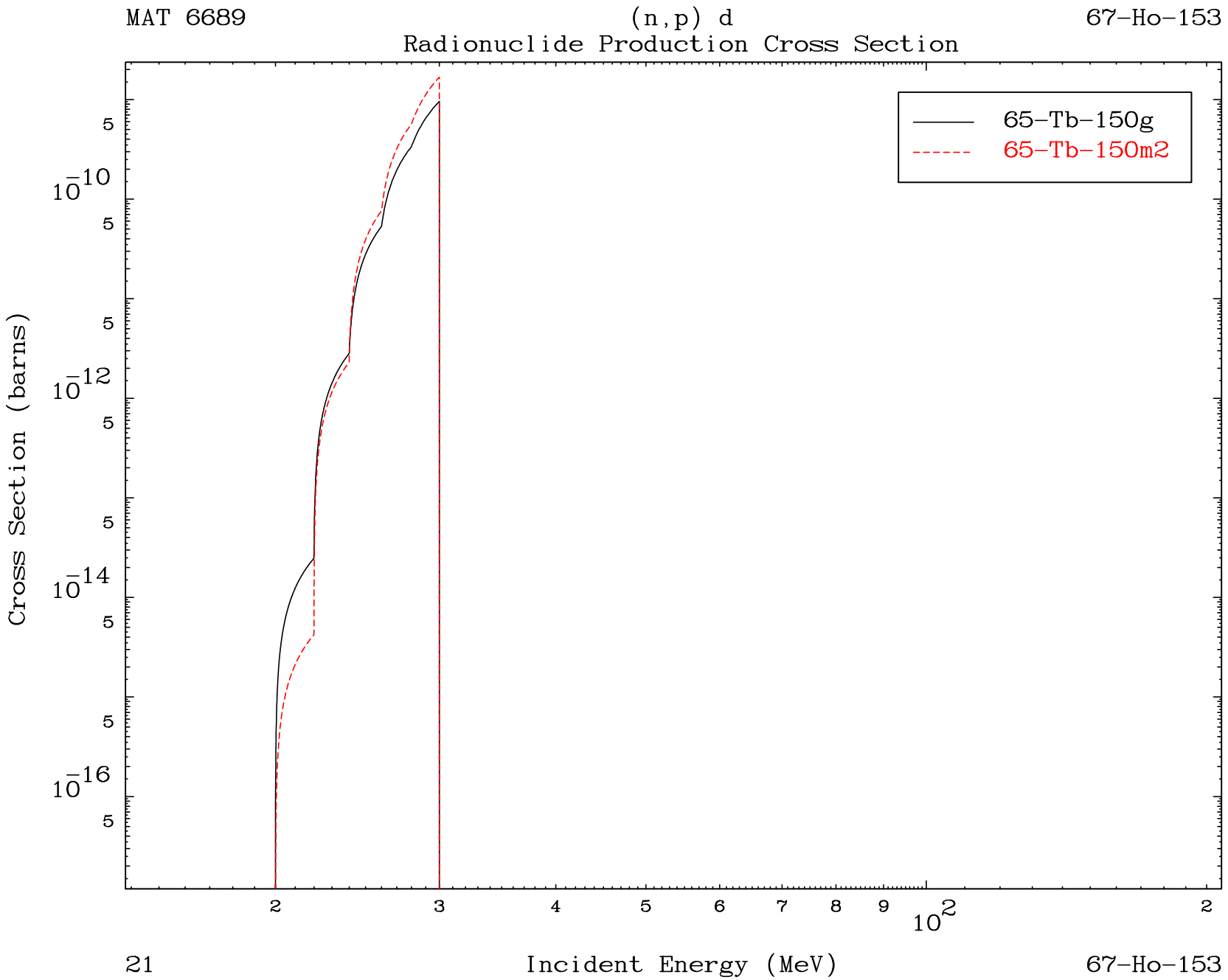

MAT 6689
(n,n') t
67-Ho-153
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m27
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
16
67-Ho-153

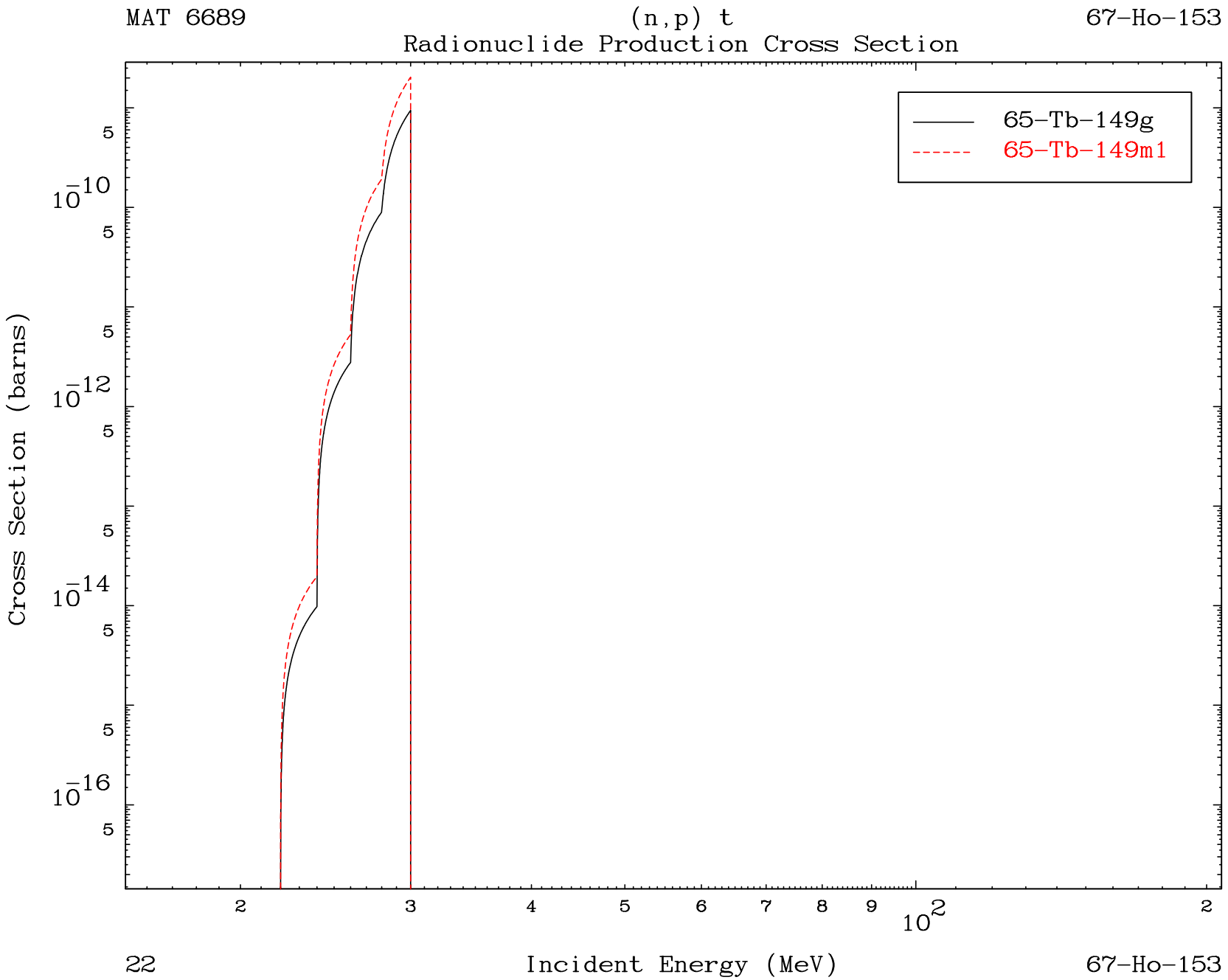

MAT 6689
(n,2n) p
67-Ho-153
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
Incident Energy (MeV)
17
67-Ho-153


MAT 6689
(n,γ)
67-Ho-153
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
18
67-Ho-153


MAT 6689
(n,α)
67-Ho-153
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
Incident Energy (MeV)
19
67-Ho-153


MAT 6689
(n,2p)
67-Ho-153
Radionuclide Production Cross Section
65-Tb-151g
65-Tb-151m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
20
67-Ho-153


MAT 6689
(n,p) d
67-Ho-153
Radionuclide Production Cross Section
65-Tb-150g
65-Tb-150m2
Cross Section (barns)
10-10
10-12
10-14
10-16
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
67-Ho-153


MAT 6689
(n,p) t
67-Ho-153
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
22
67-Ho-153