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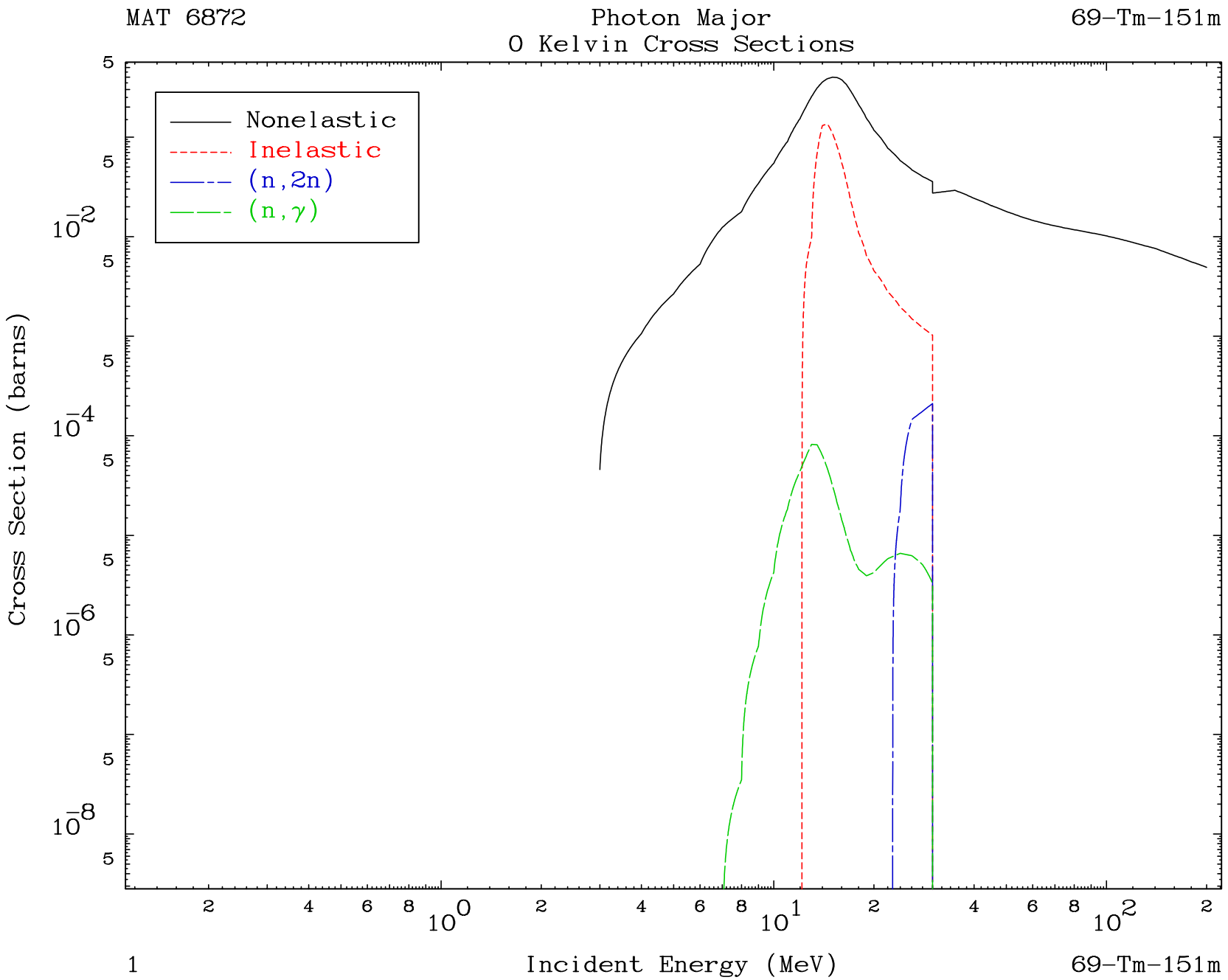
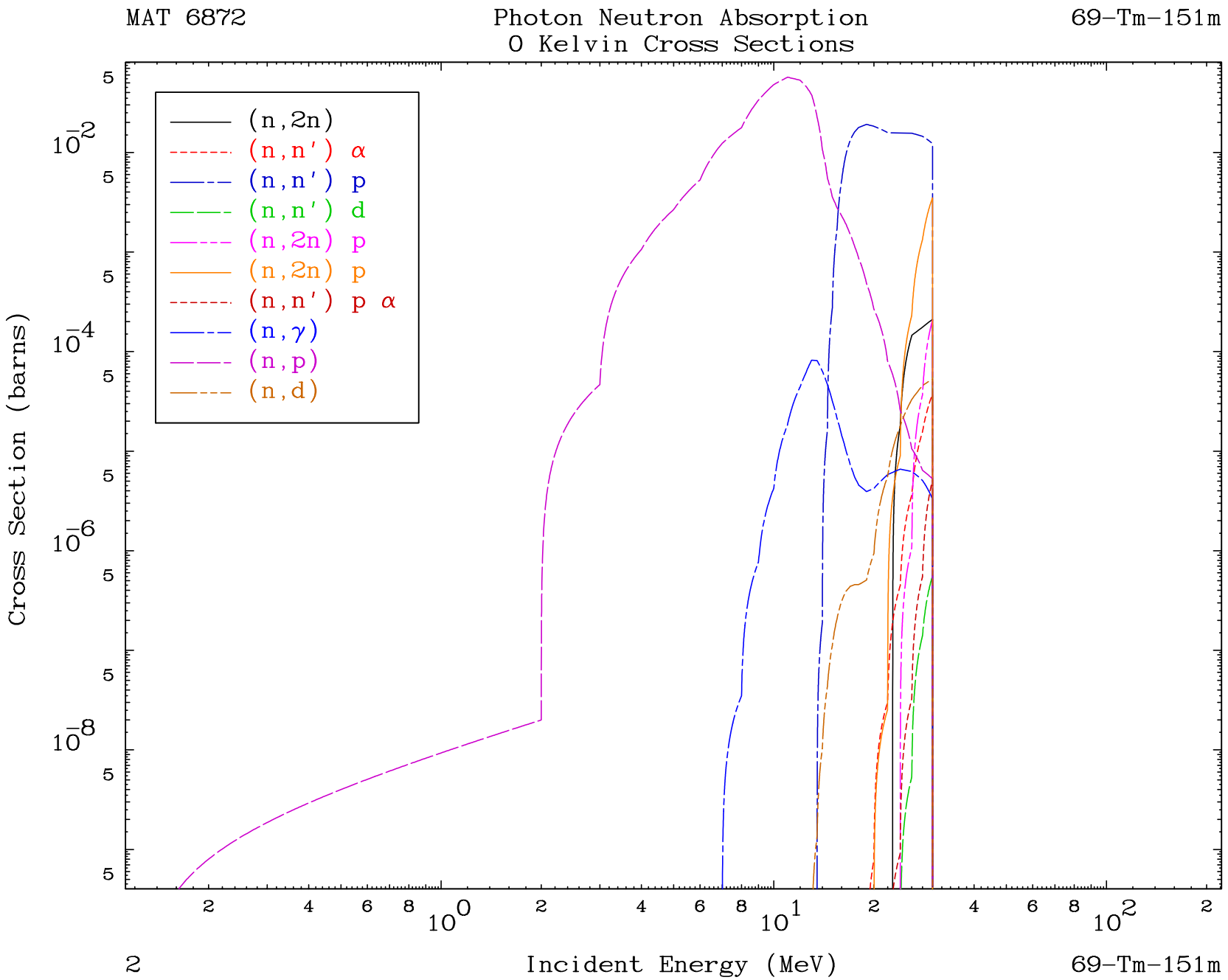
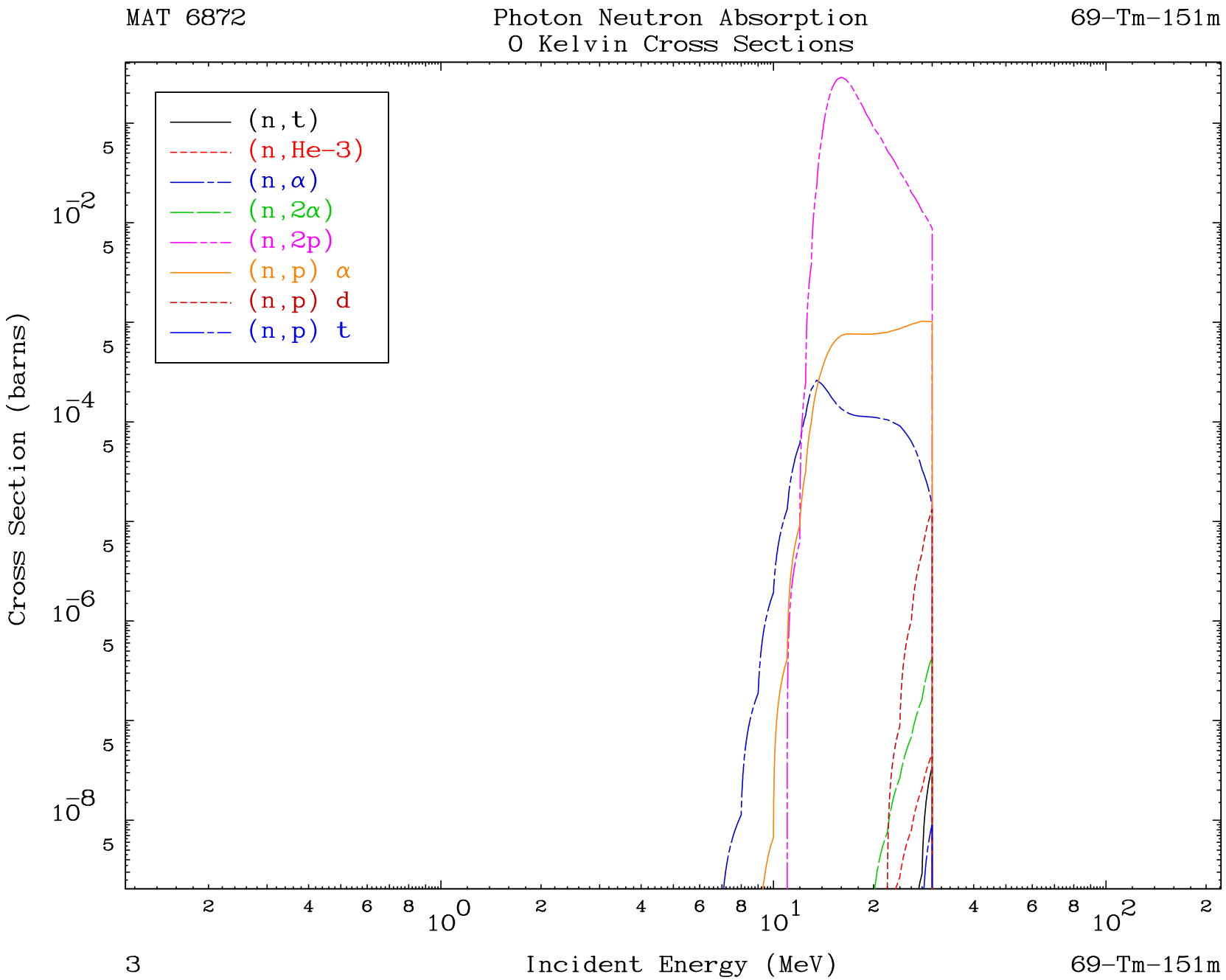
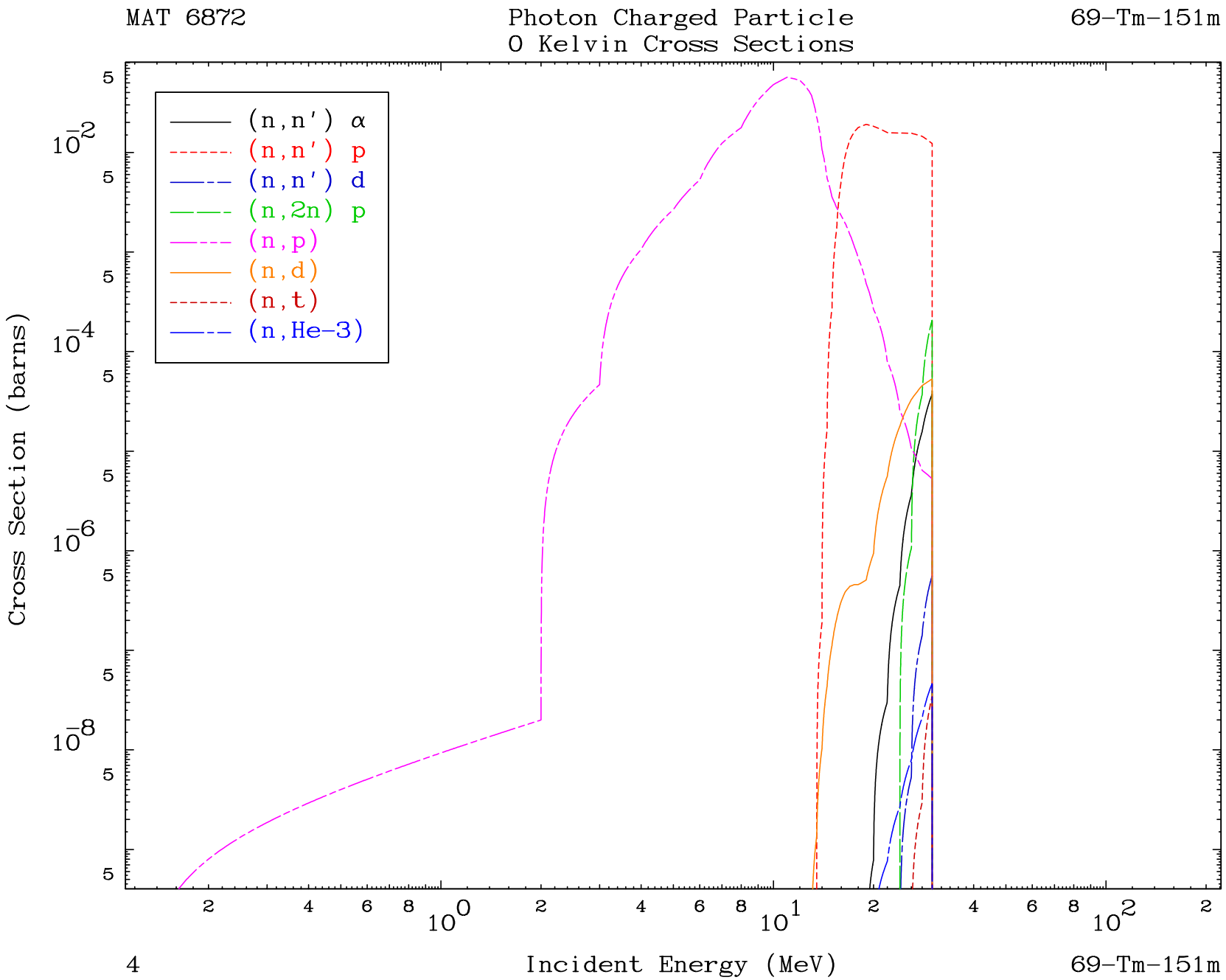
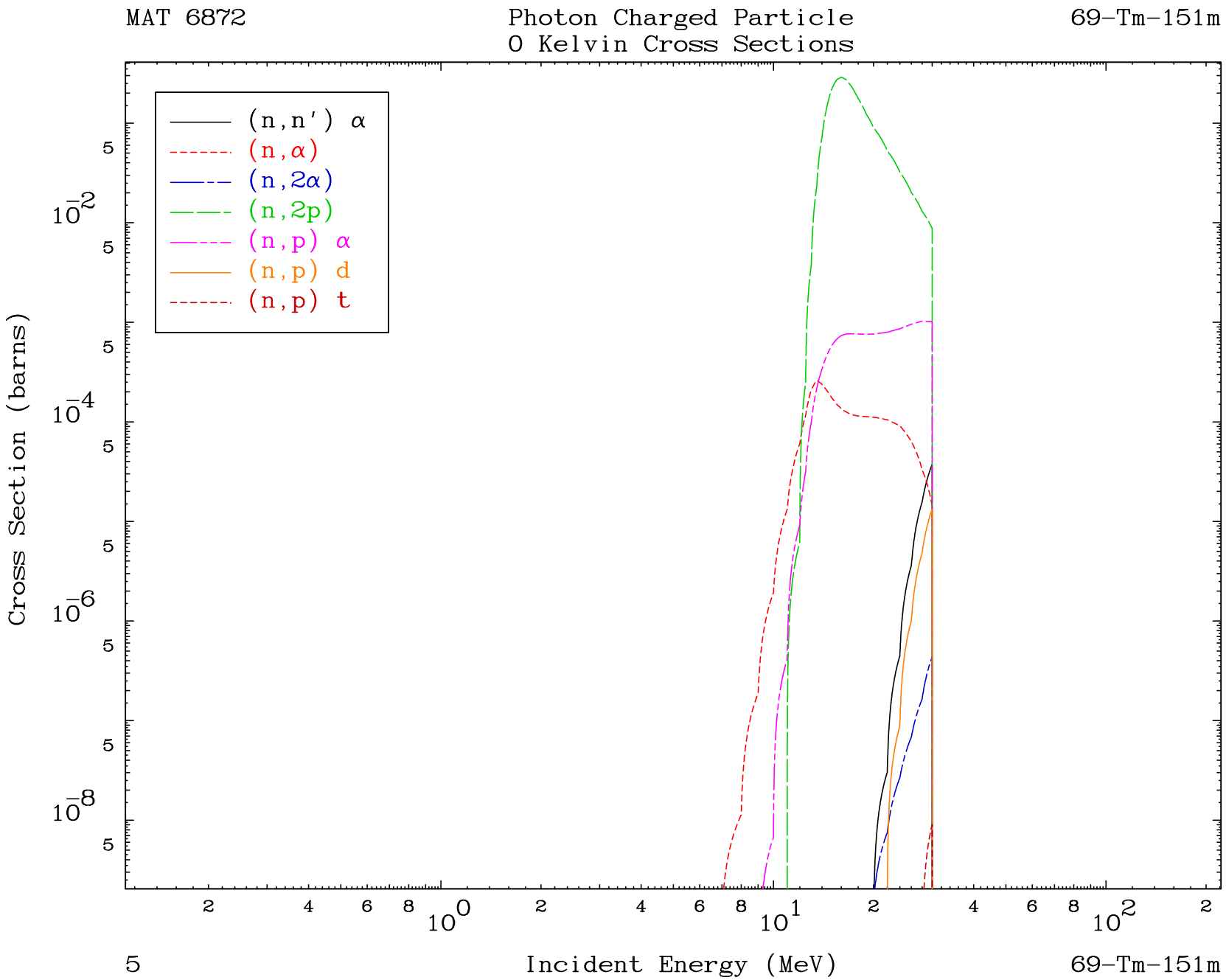
Press Mouse Button to Start

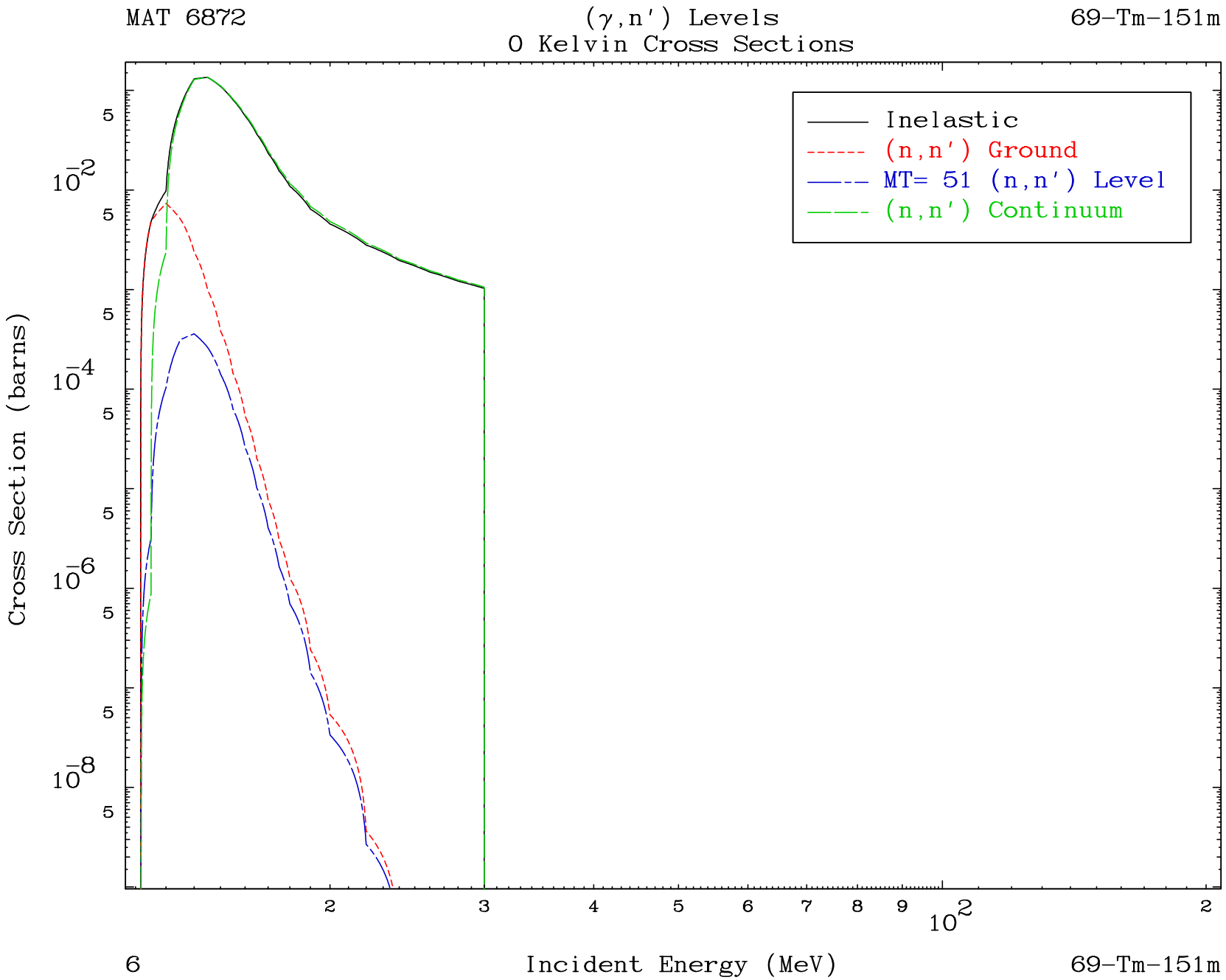

MAT 6872
Photon Major
69-Tm-151m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-151m

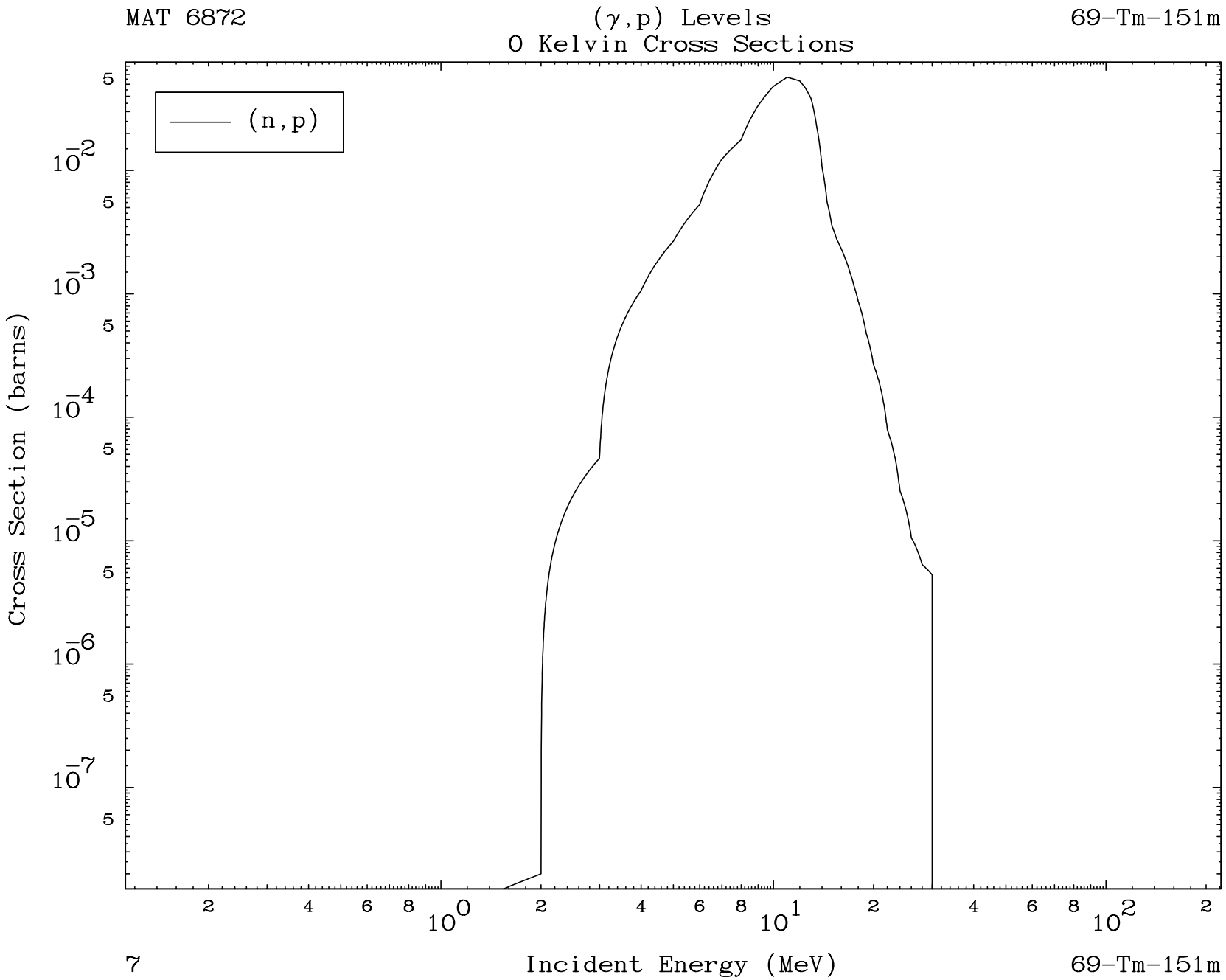

MAT 6872
Photon Neutron Absorption
0 Kelvin Cross Sections
69-Tm-151m
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-151m

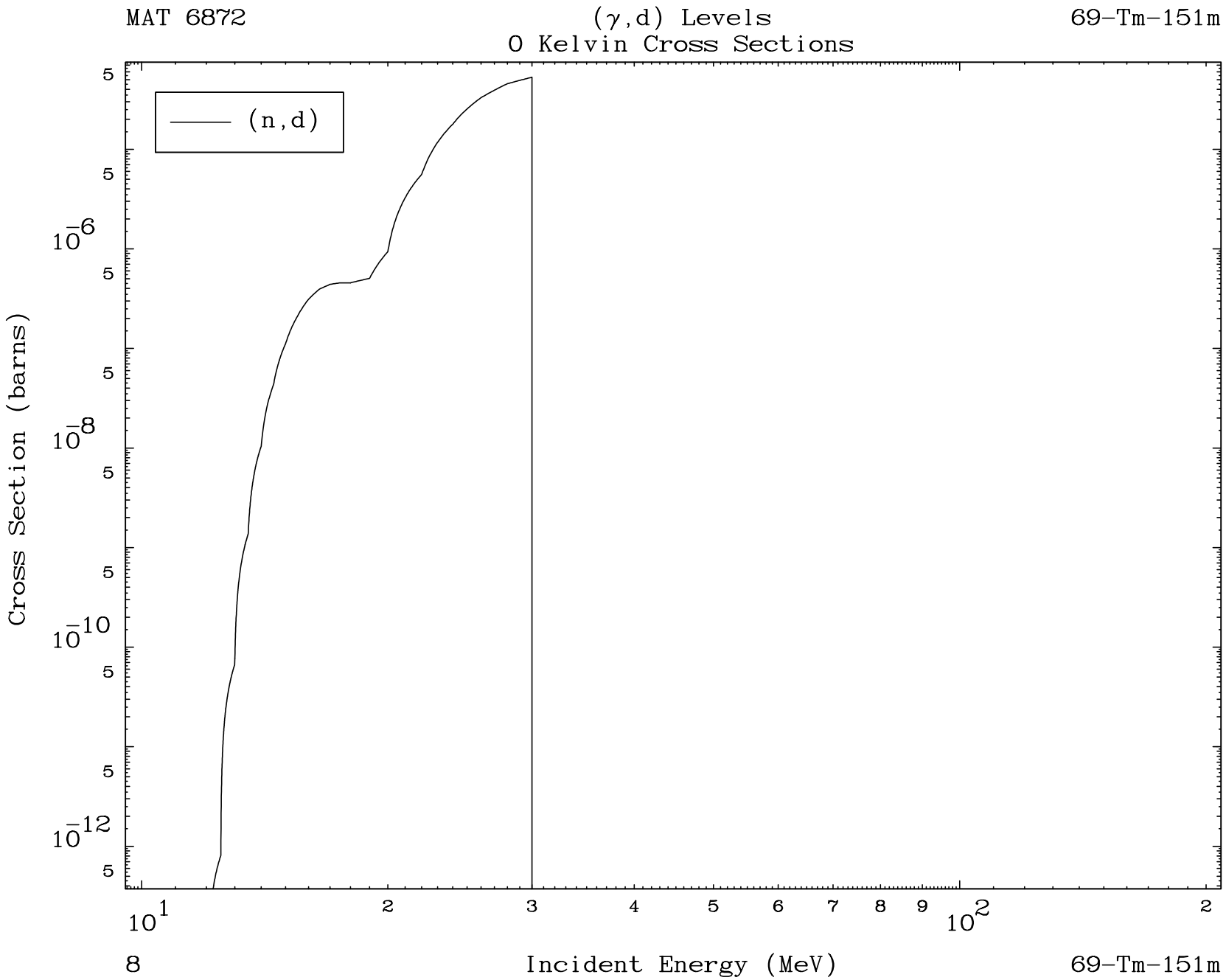

MAT 6872
Photon Neutron Absorption
0 Kelvin Cross Sections
69-Tm-151m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
69-Tm-151m

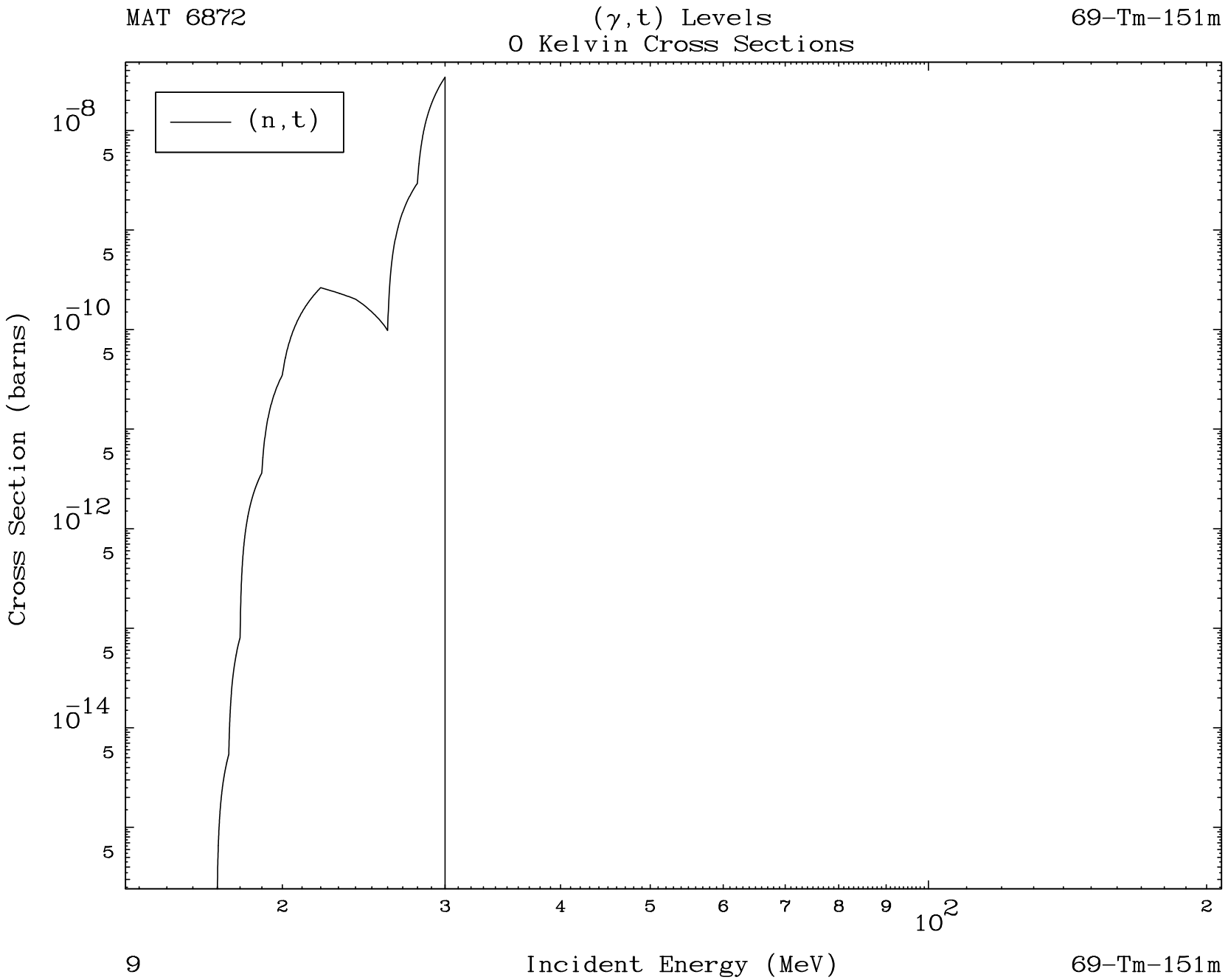

MAT 6872
Photon Charged Particle
0 Kelvin Cross Sections
69-Tm-151m
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-151m
4

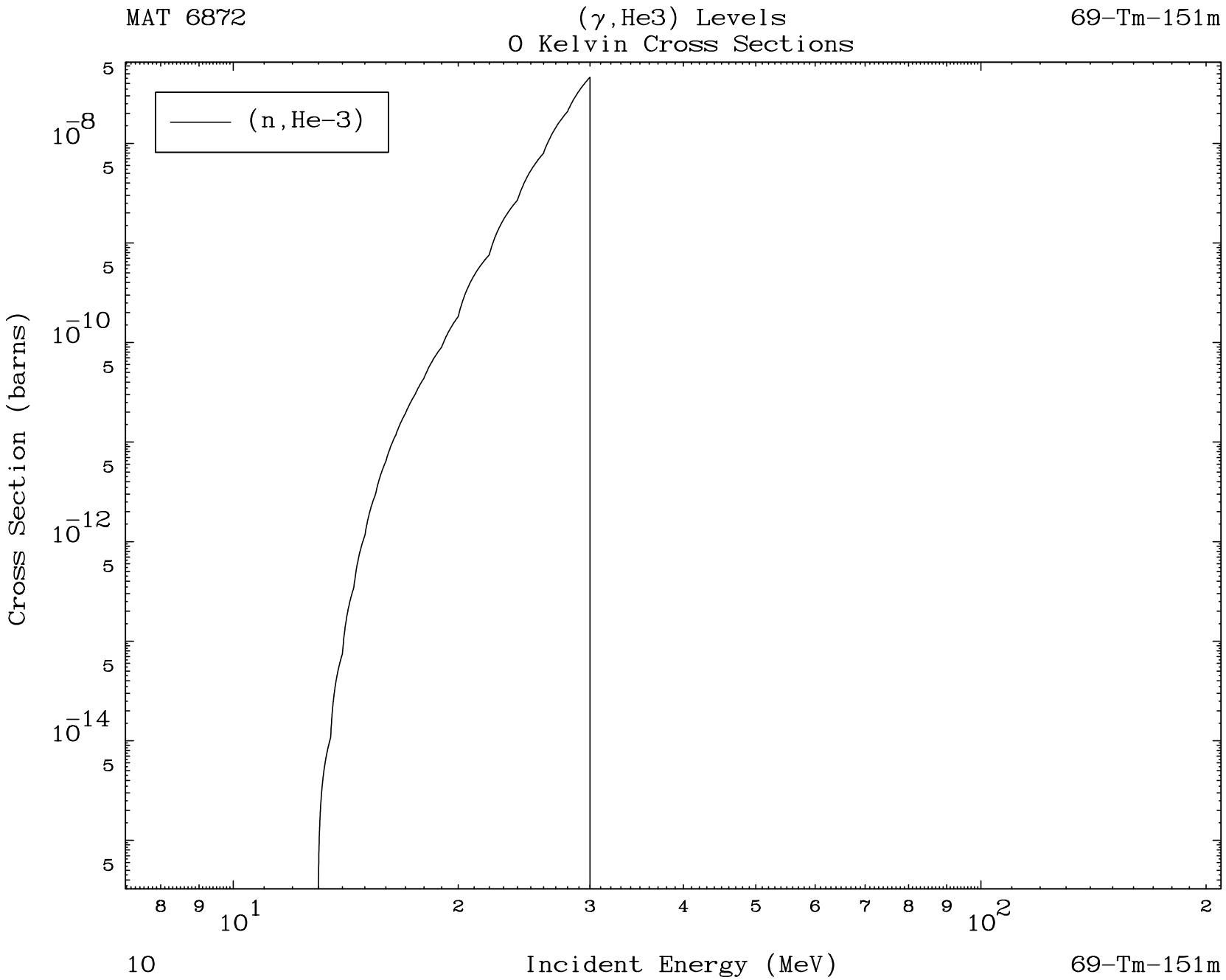

MAT 6872
Photon Charged Particle
0 Kelvin Cross Sections
69-Tm-151m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
69-Tm-151m

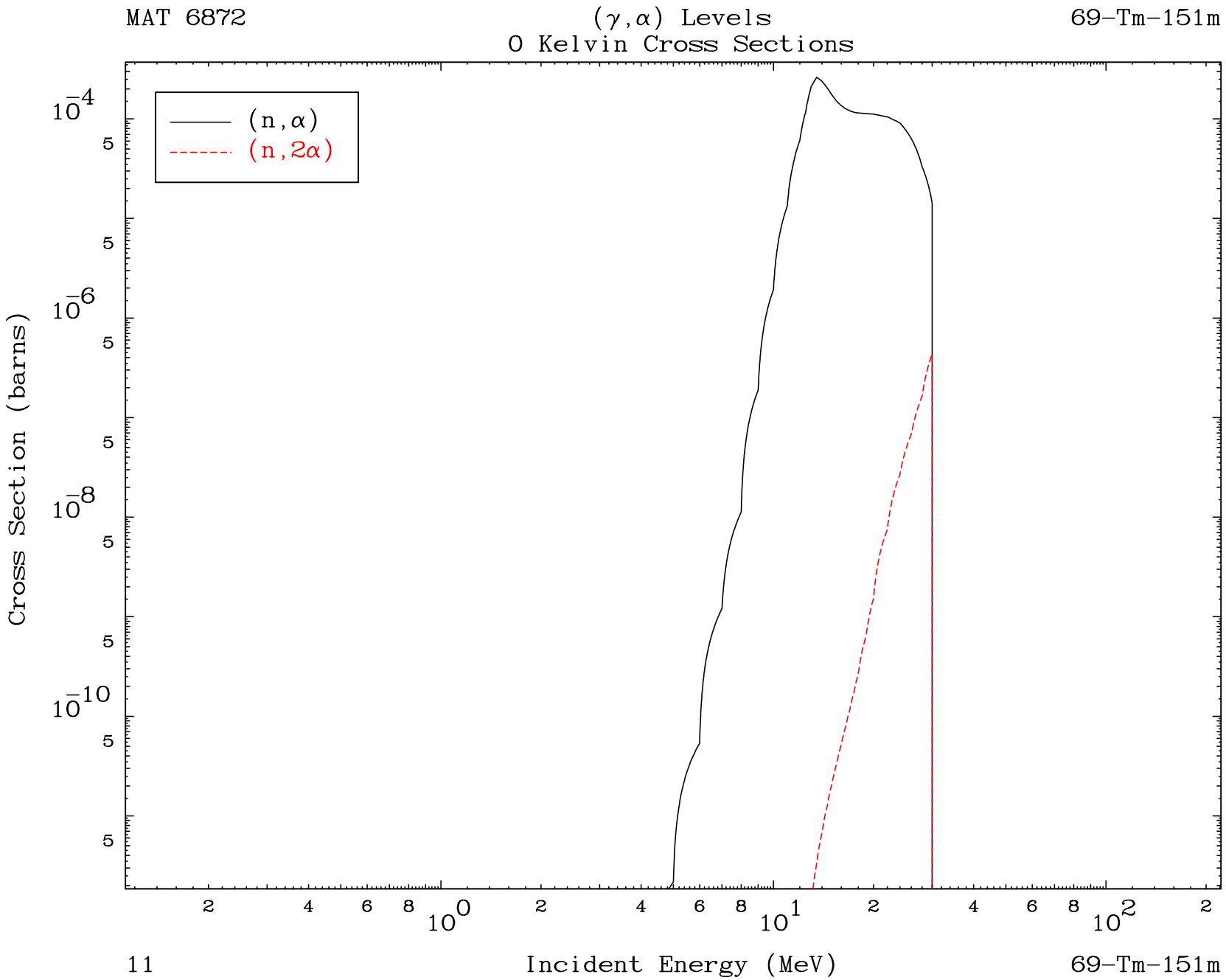

MAT 6872
(γ,n') Levels
0 Kelvin Cross Sections
69-Tm-151m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
6
69-Tm-151m

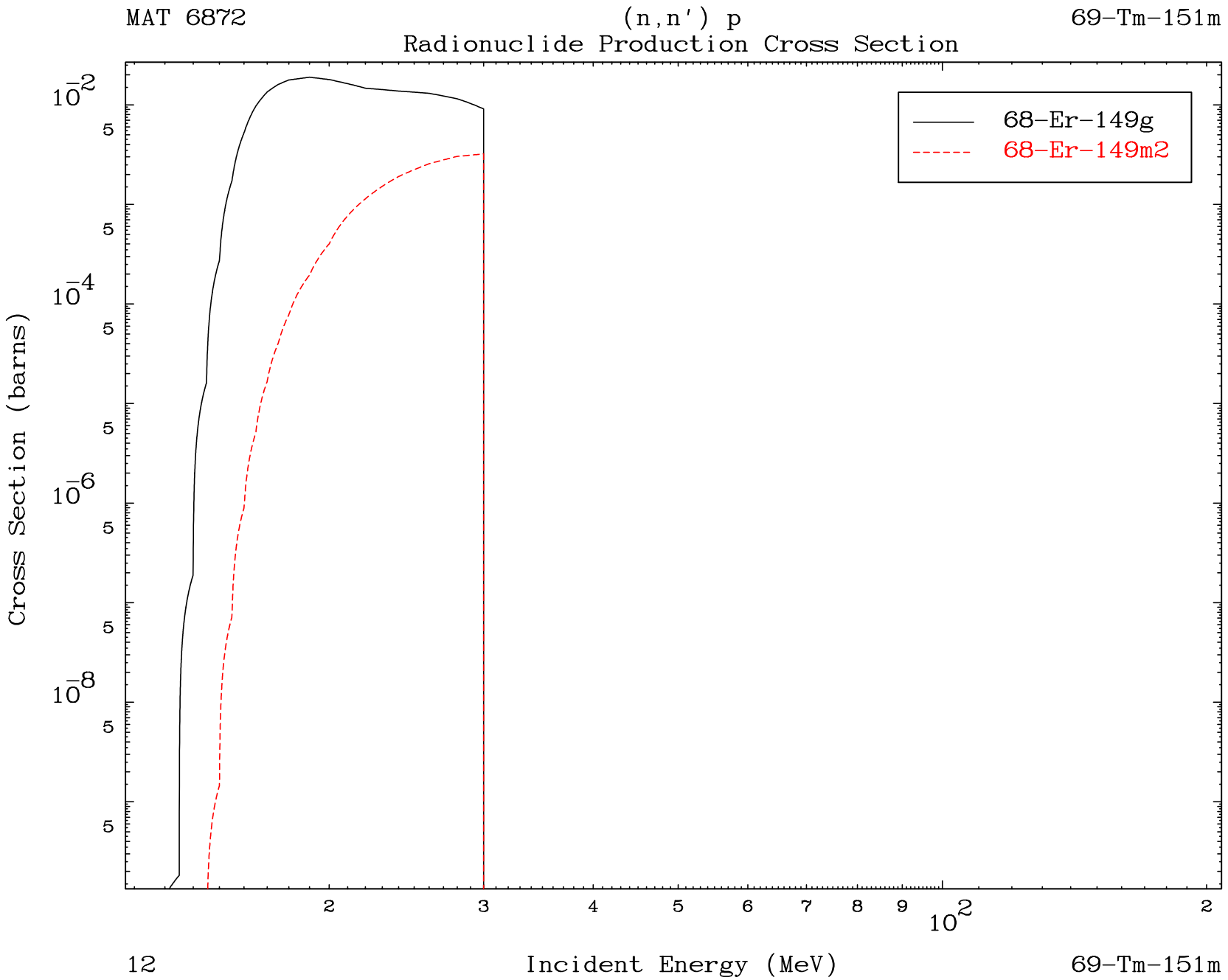

MAT 6872
(γ,p) Levels
69-Tm-151m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
69-Tm-151m

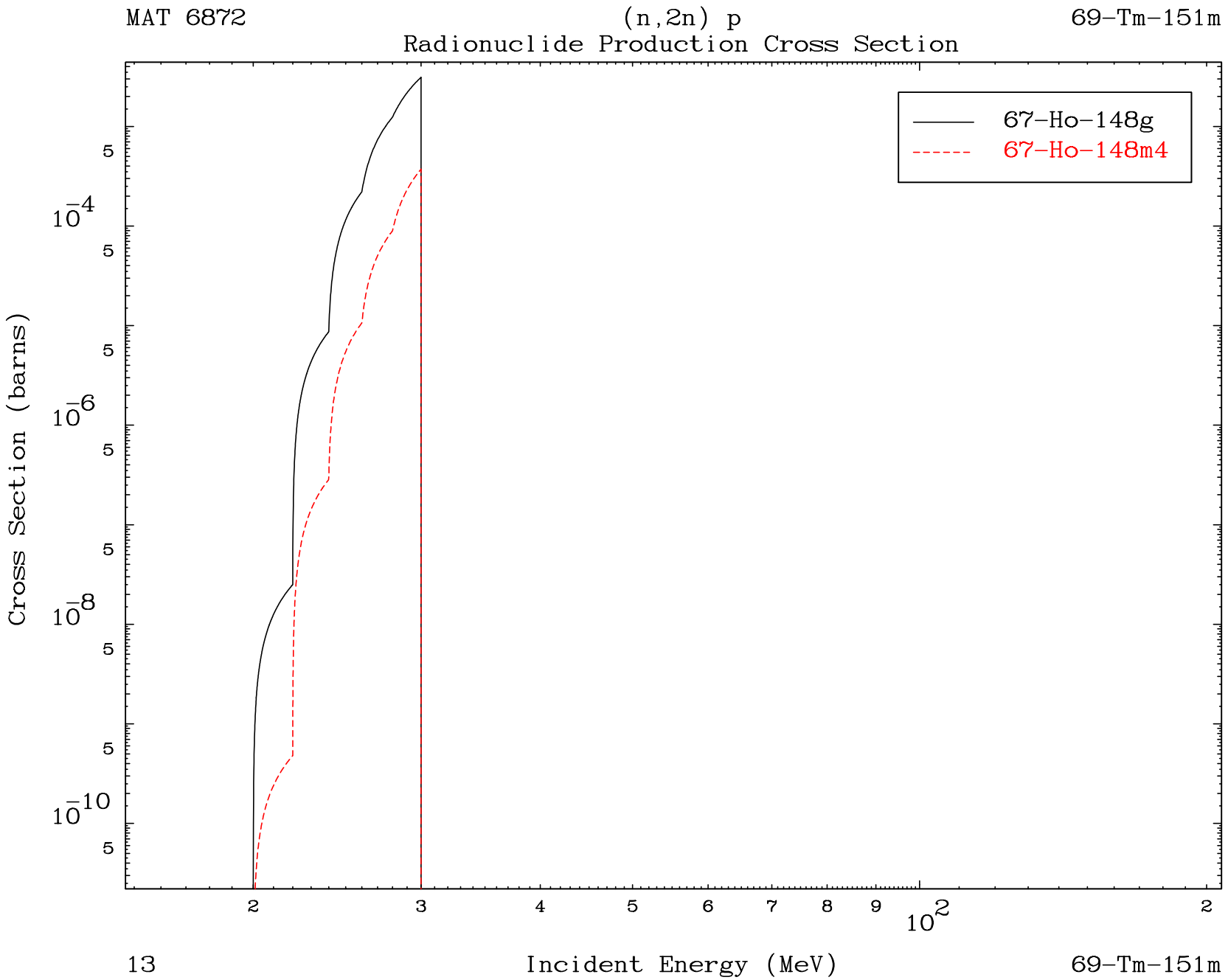

MAT 6872
(γ,d) Levels
69-Tm-151m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-151m
8

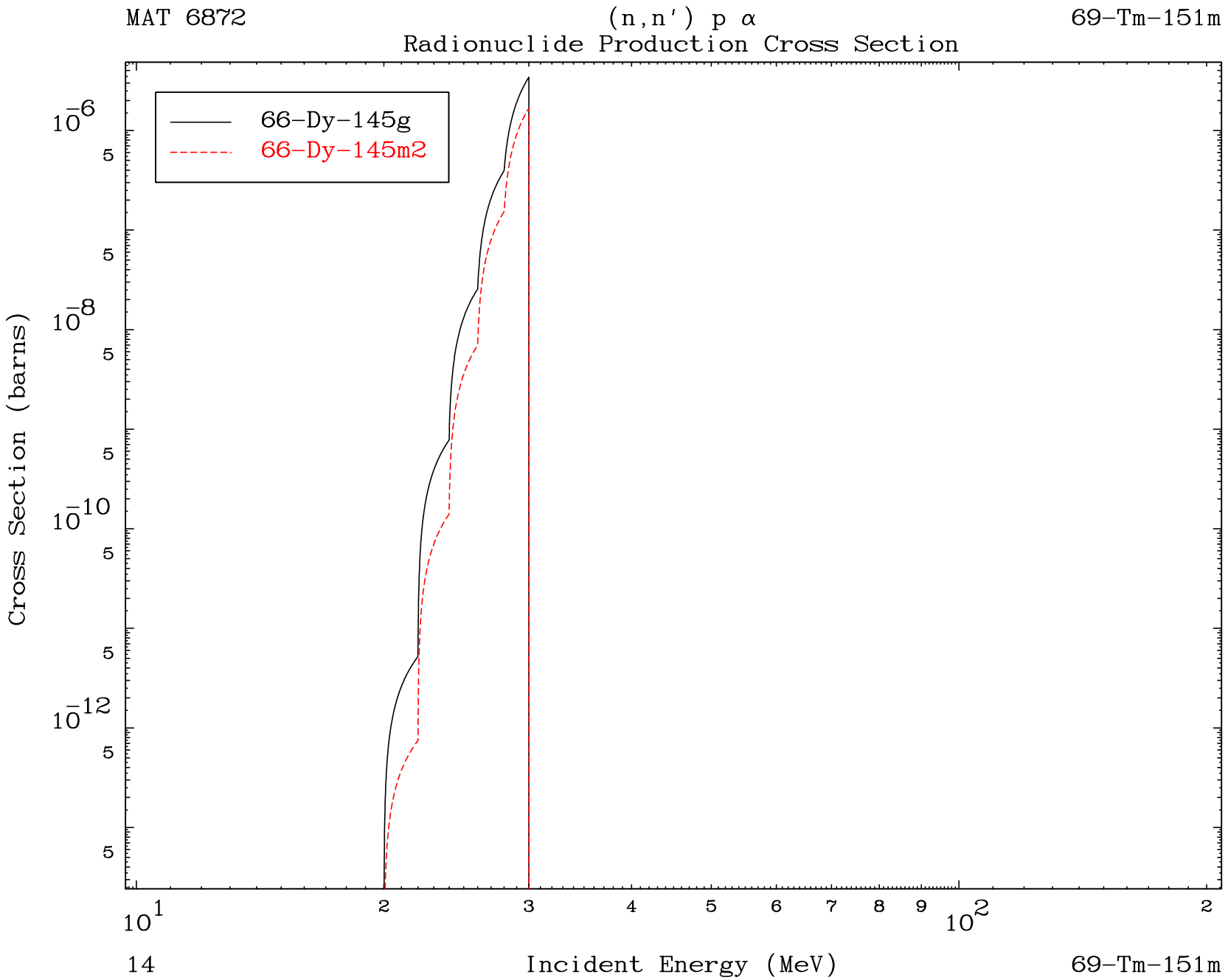

MAT 6872
(γ,t) Levels
69-Tm-151m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-8
5
10-10
5
10-12
5
10-14
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
69-Tm-151m

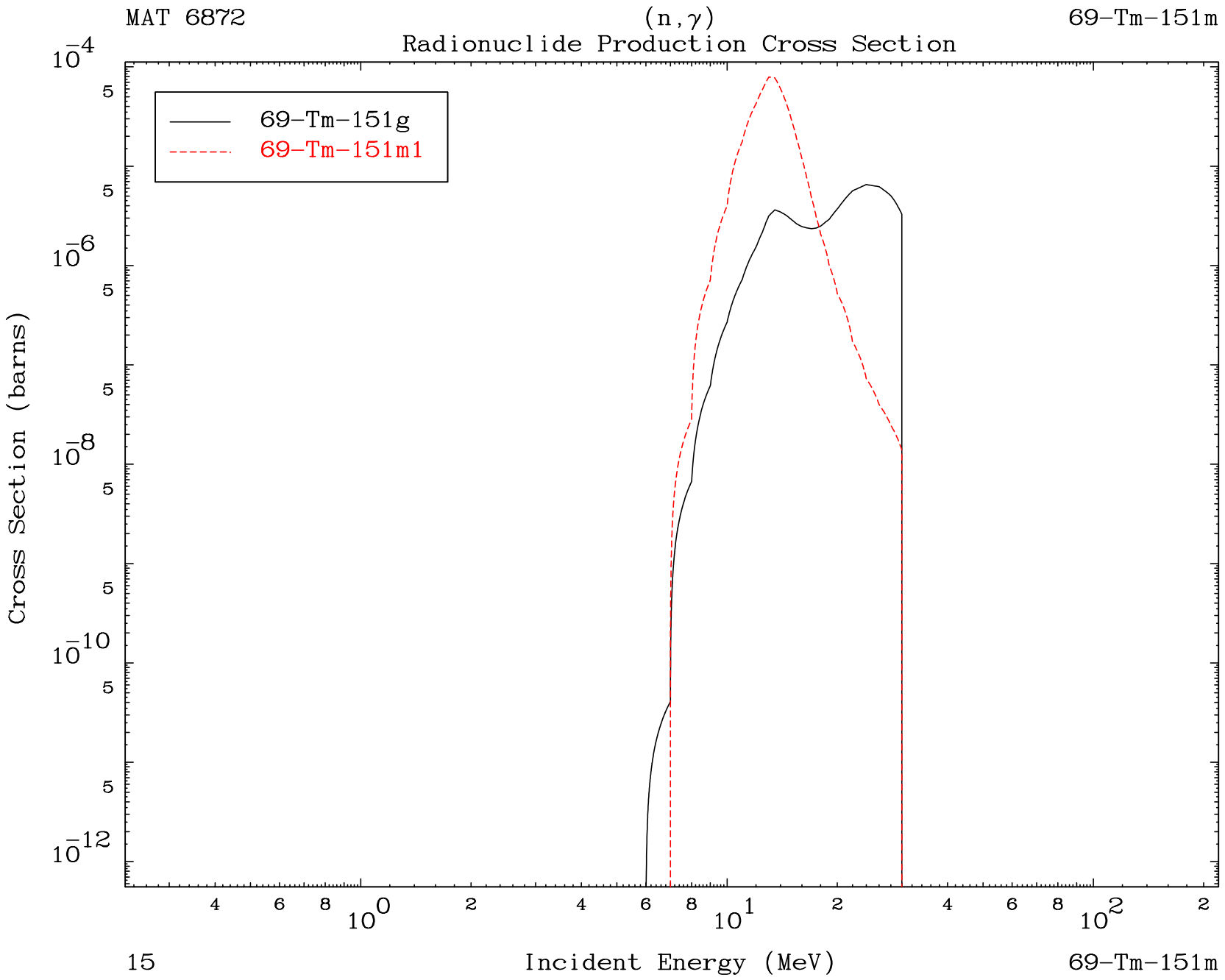

MAT 6872
(γ,He3) Levels
69-Tm-151m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^1
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
69-Tm-151m

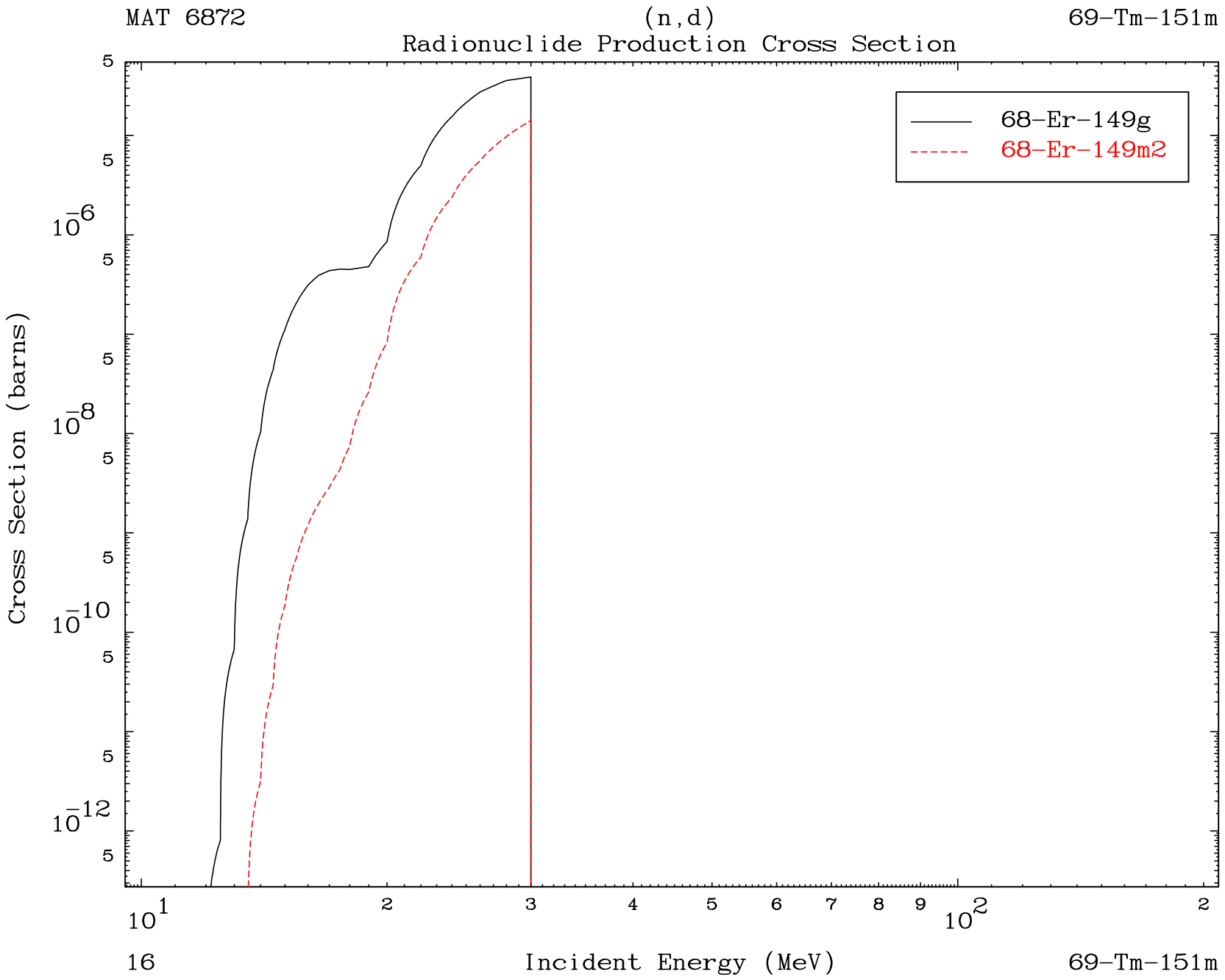

MAT 6872
(γ,α) Levels
69-Tm-151m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
69-Tm-151m

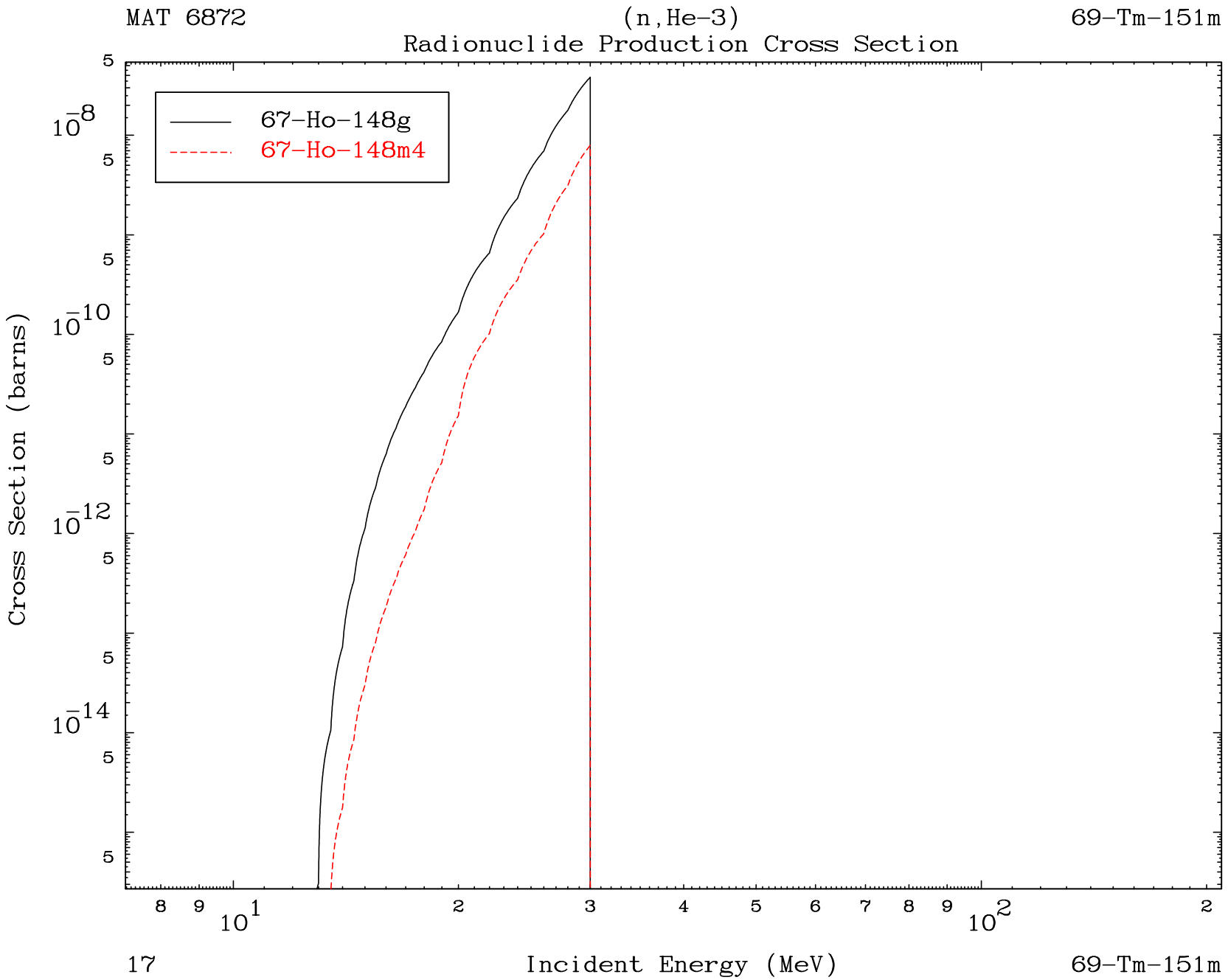

MAT 6872
(n,n') p
69-Tm-151m
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
Incident Energy (MeV)
12
69-Tm-151m

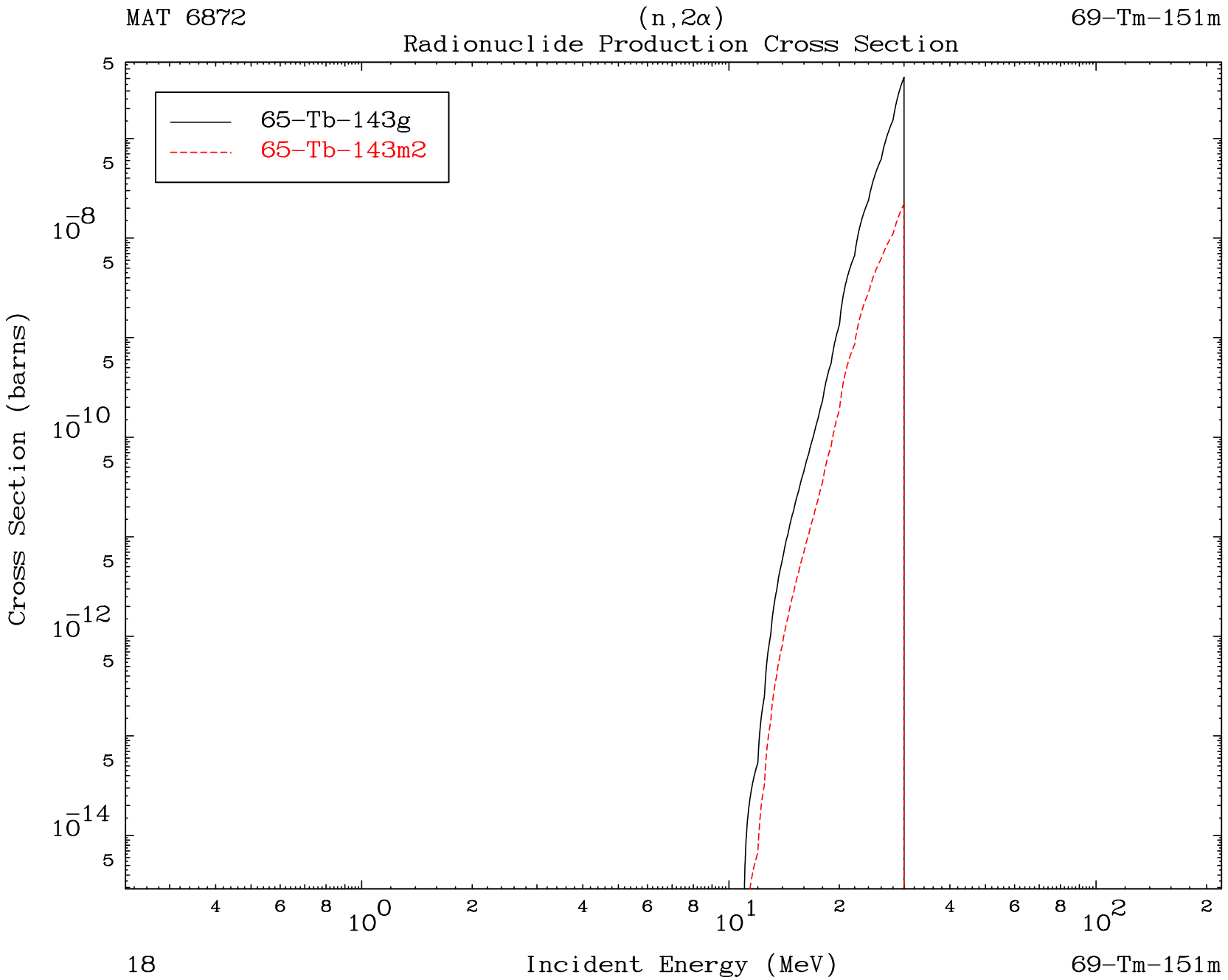

MAT 6872
(n,2n) p
69-Tm-151m
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
69-Tm-151m

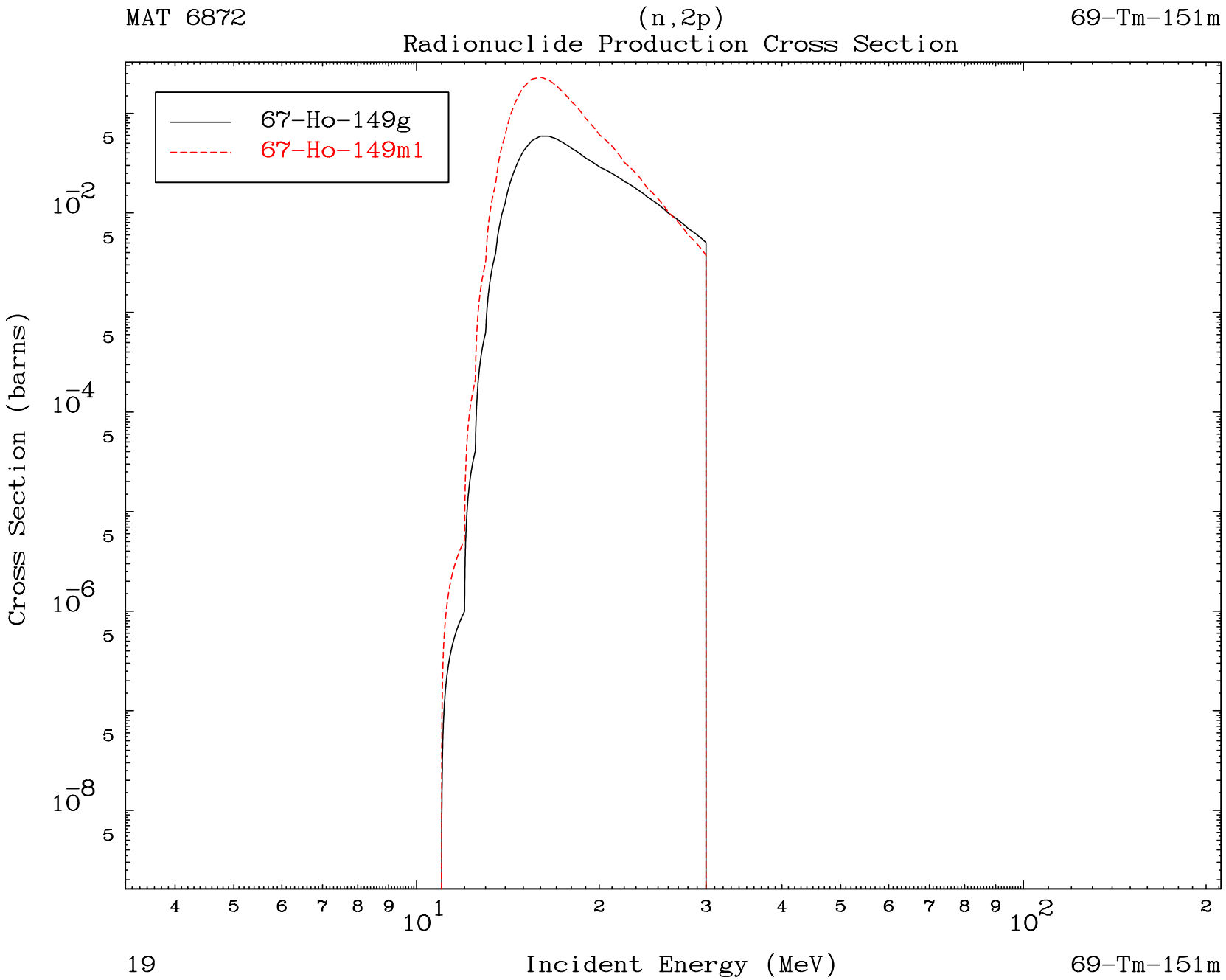

MAT 6872
(n,n') p α
69-Tm-151m
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
69-Tm-151m

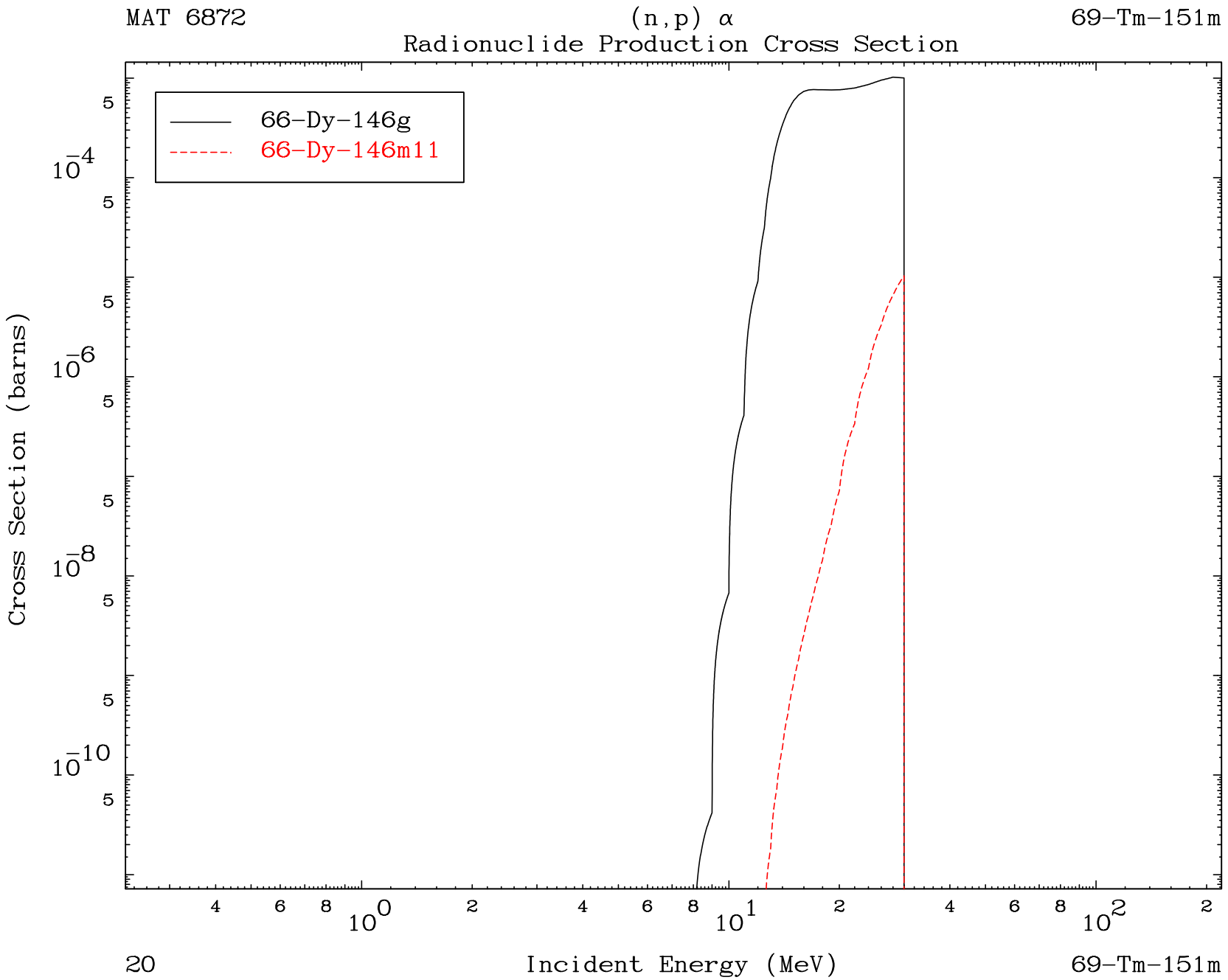

MAT 6872
(n,γ)
69-Tm-151m
Radionuclide Production Cross Section
69-Tm-151g
69-Tm-151m1
Cross Section (barns)
Incident Energy (MeV)
15
69-Tm-151m

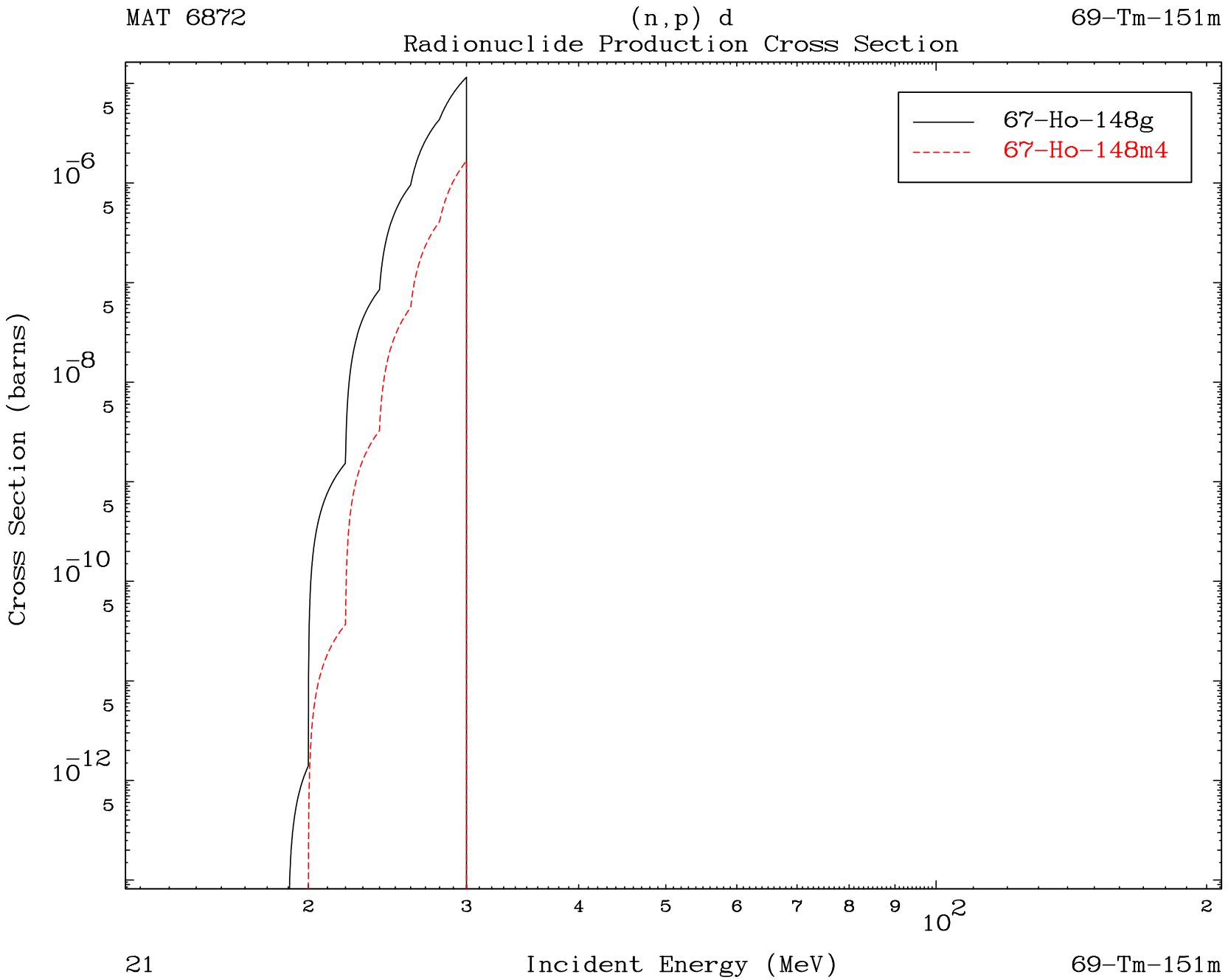

MAT 6872
(n,d)
69-Tm-151m
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
Incident Energy (MeV)
69-Tm-151m
16

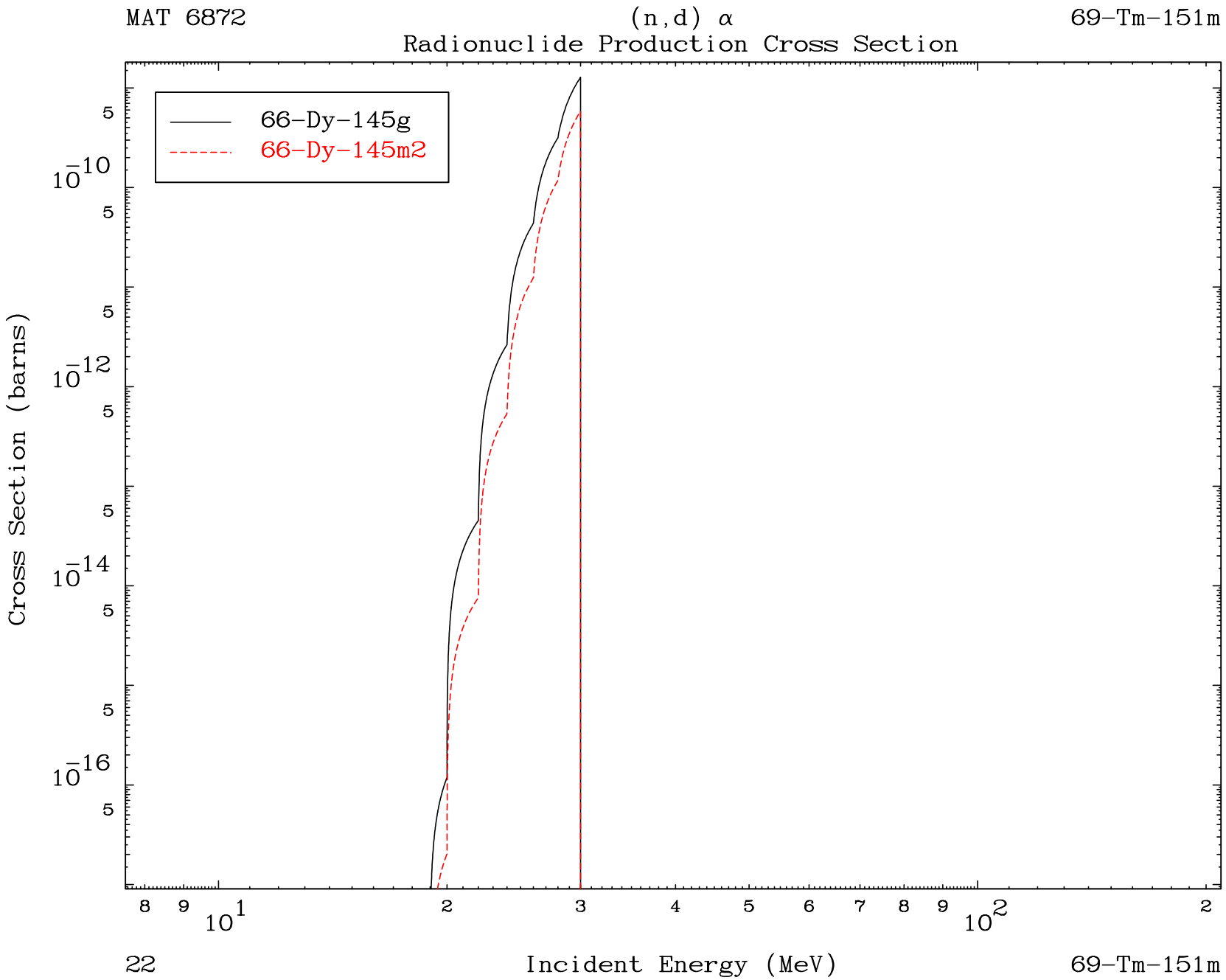

MAT 6872
(n,He-3)
69-Tm-151m
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
Incident Energy (MeV)
17
69-Tm-151m


MAT 6872
(n,2α)
69-Tm-151m
Radionuclide Production Cross Section
65-Tb-143g
65-Tb-143m2
Cross Section (barns)
Incident Energy (MeV)
18
69-Tm-151m


MAT 6872
(n,2p)
69-Tm-151m
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
Incident Energy (MeV)
19
69-Tm-151m


MAT 6872
(n,p) α
69-Tm-151m
Radionuclide Production Cross Section
66-Dy-146g
66-Dy-146m11
Cross Section (barns)
Incident Energy (MeV)
20
69-Tm-151m


MAT 6872
(n,p) d
69-Tm-151m
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
69-Tm-151m


MAT 6872
(n,d) α
69-Tm-151m
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
22
Incident Energy (MeV)
69-Tm-151m