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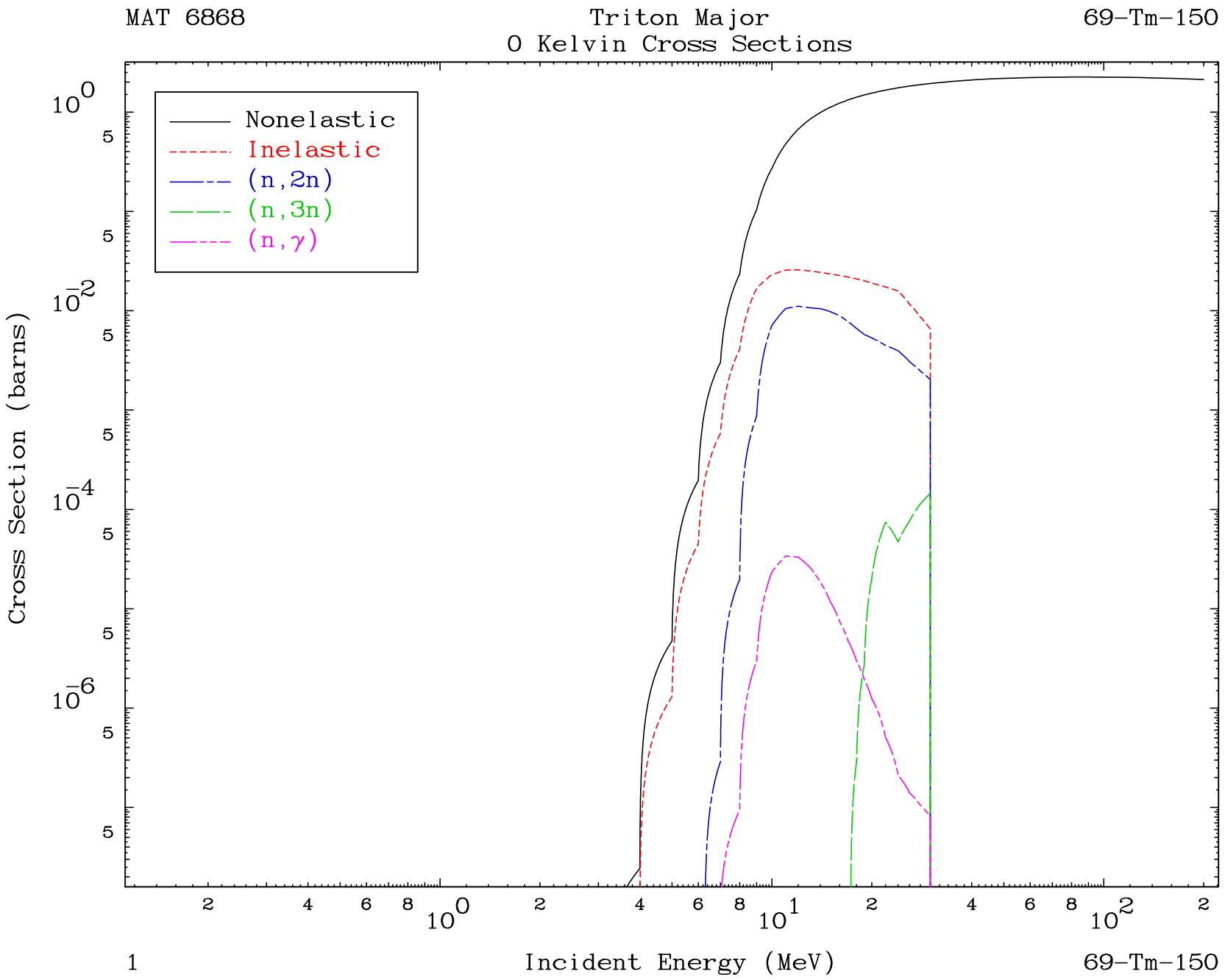
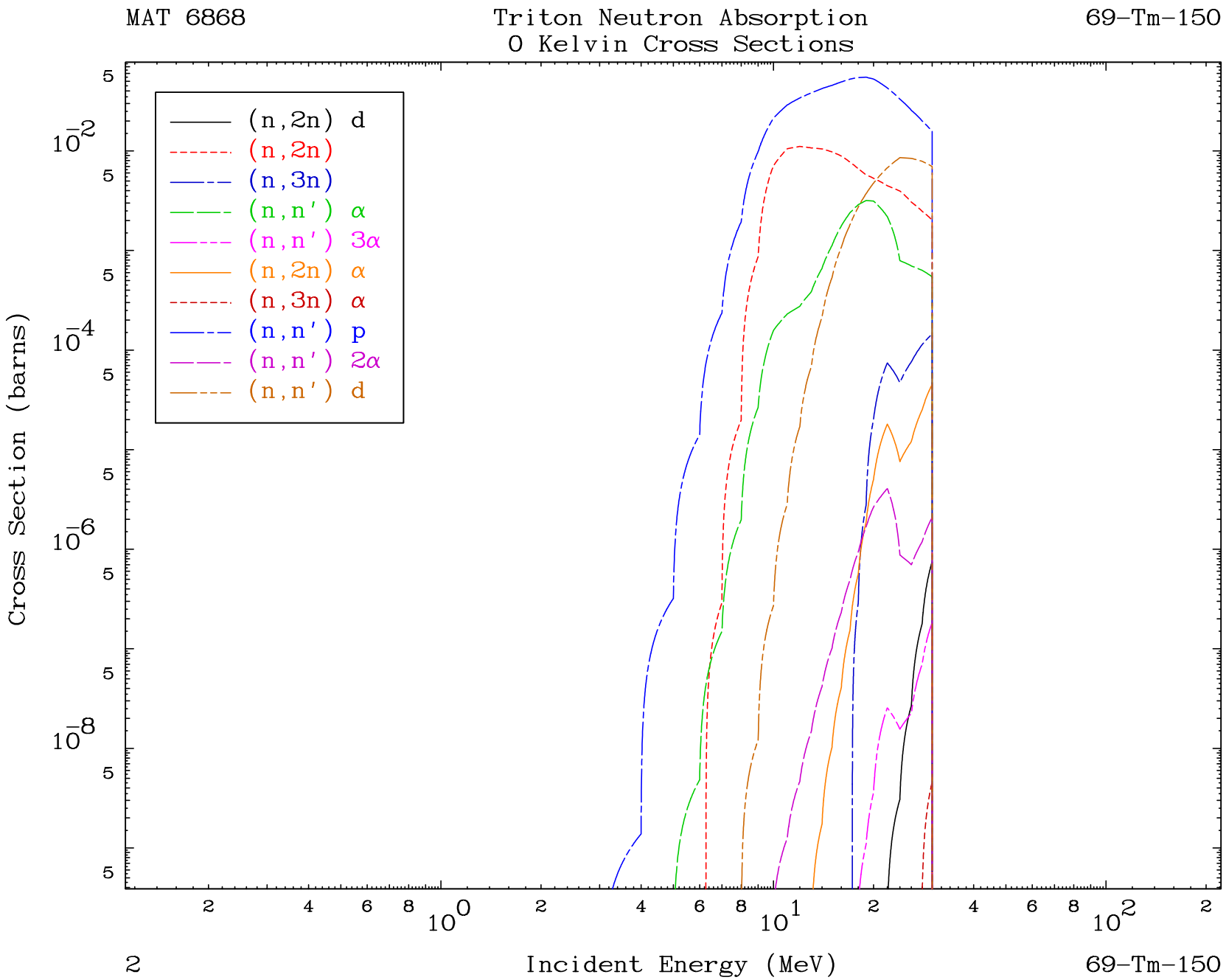
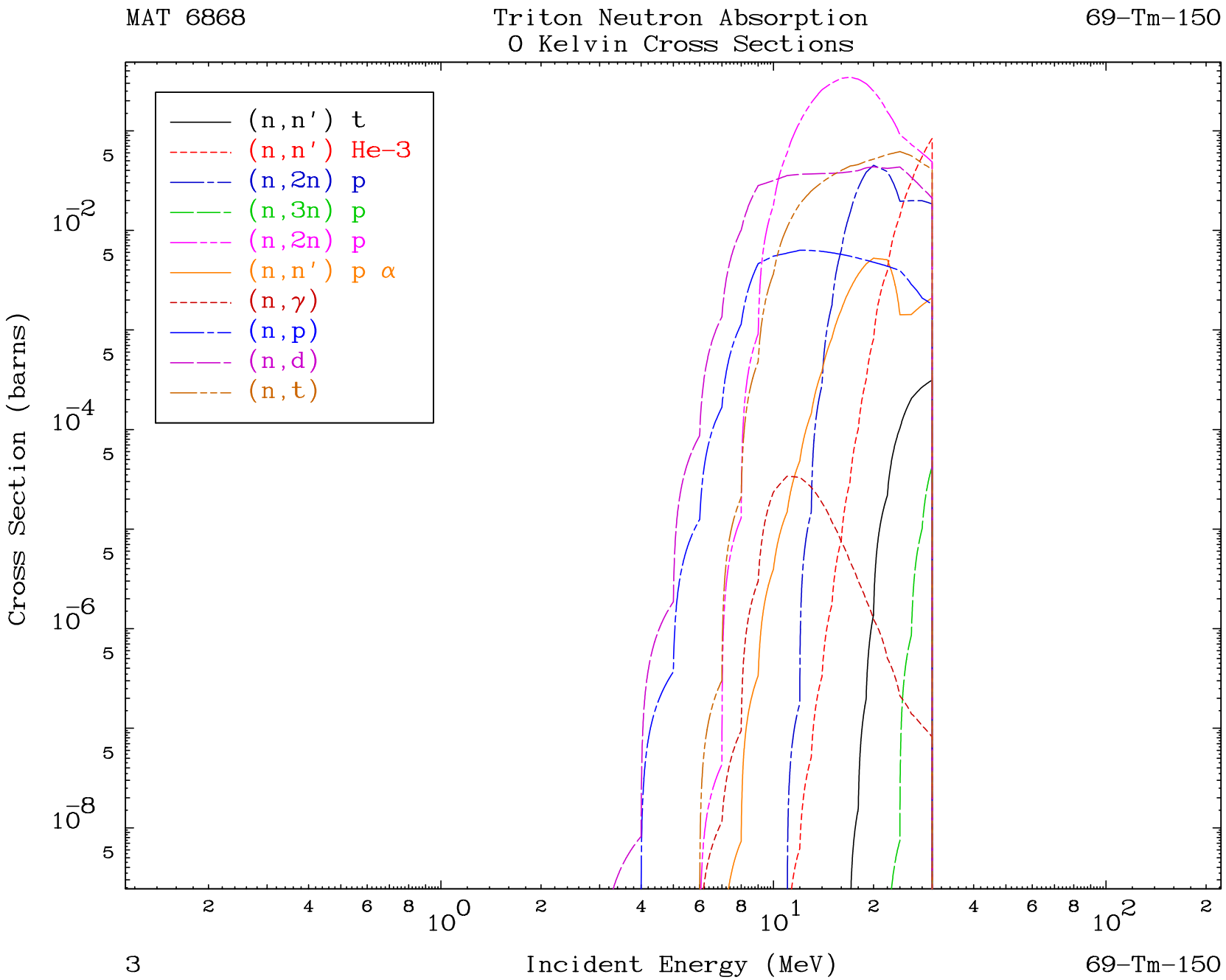
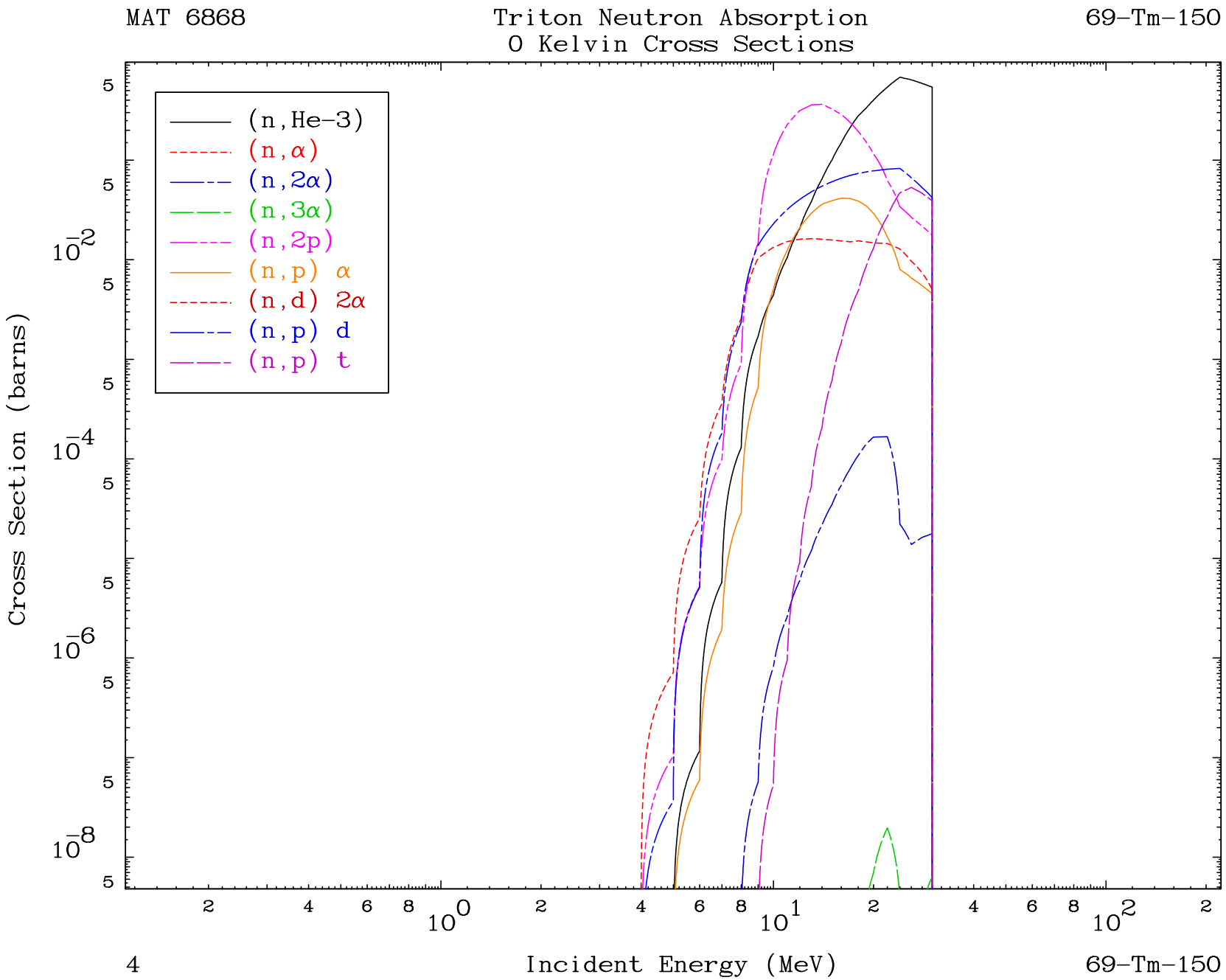
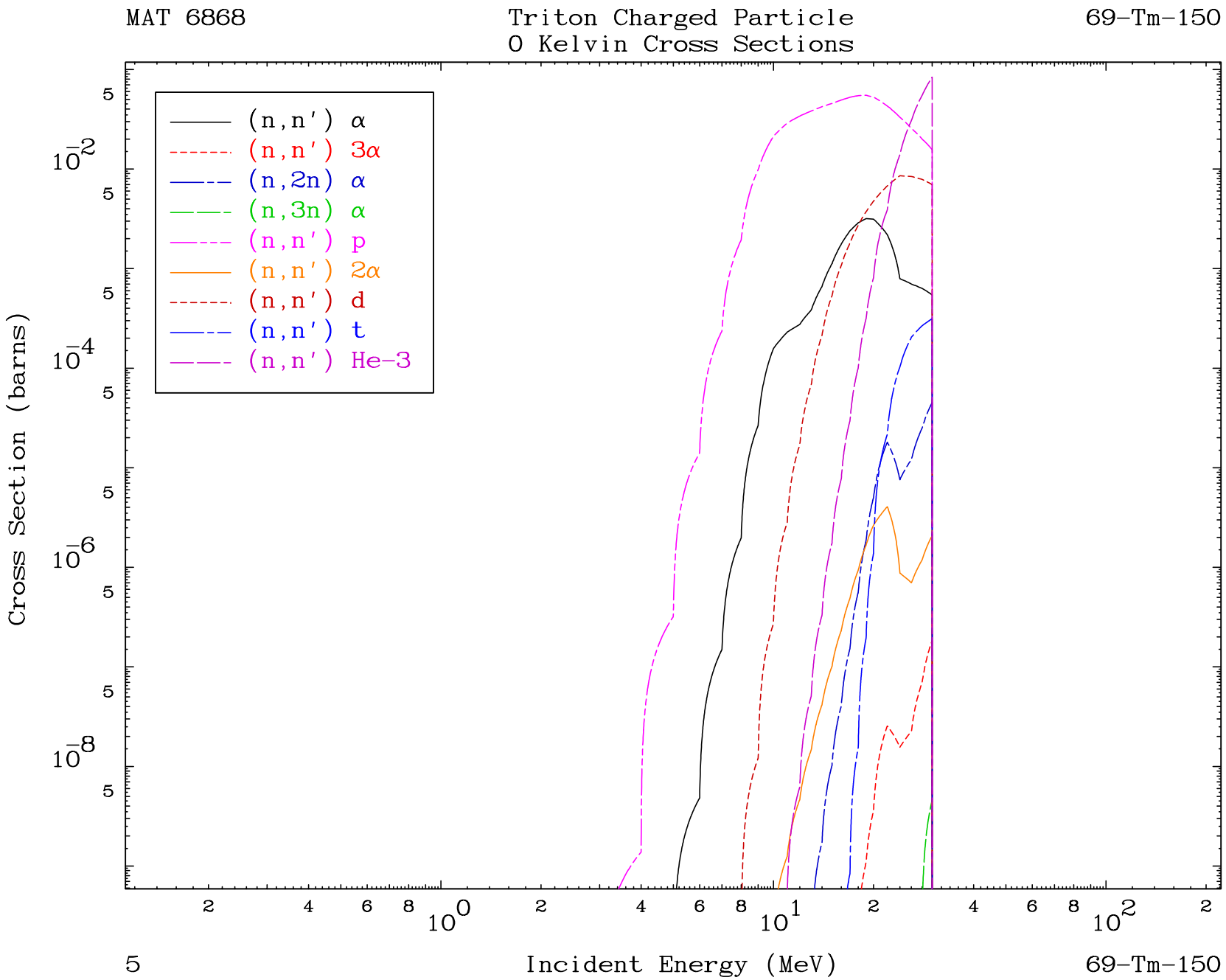
Press Mouse Button to Start

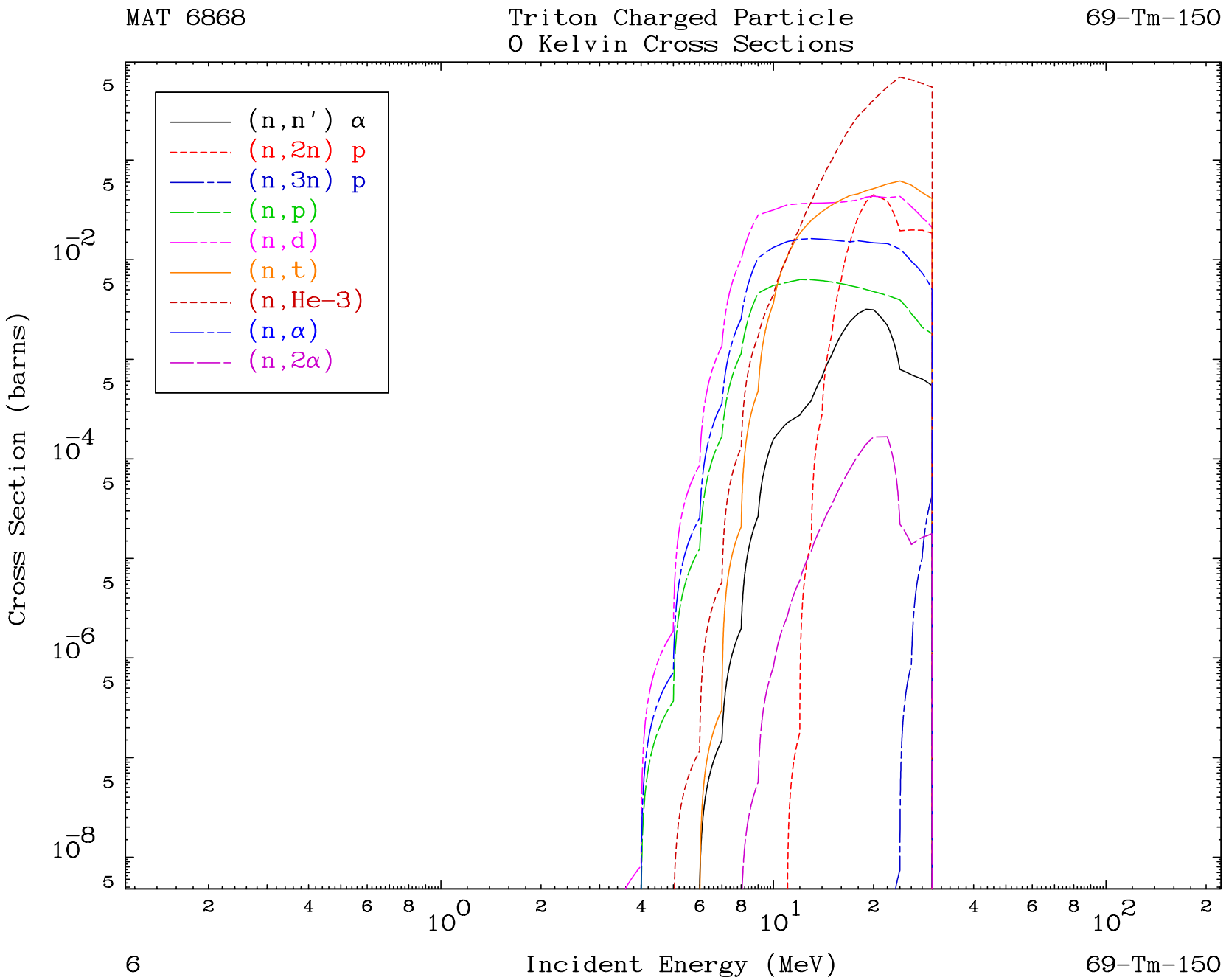

MAT 6868
Triton Major
69-Tm-150
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-150
1

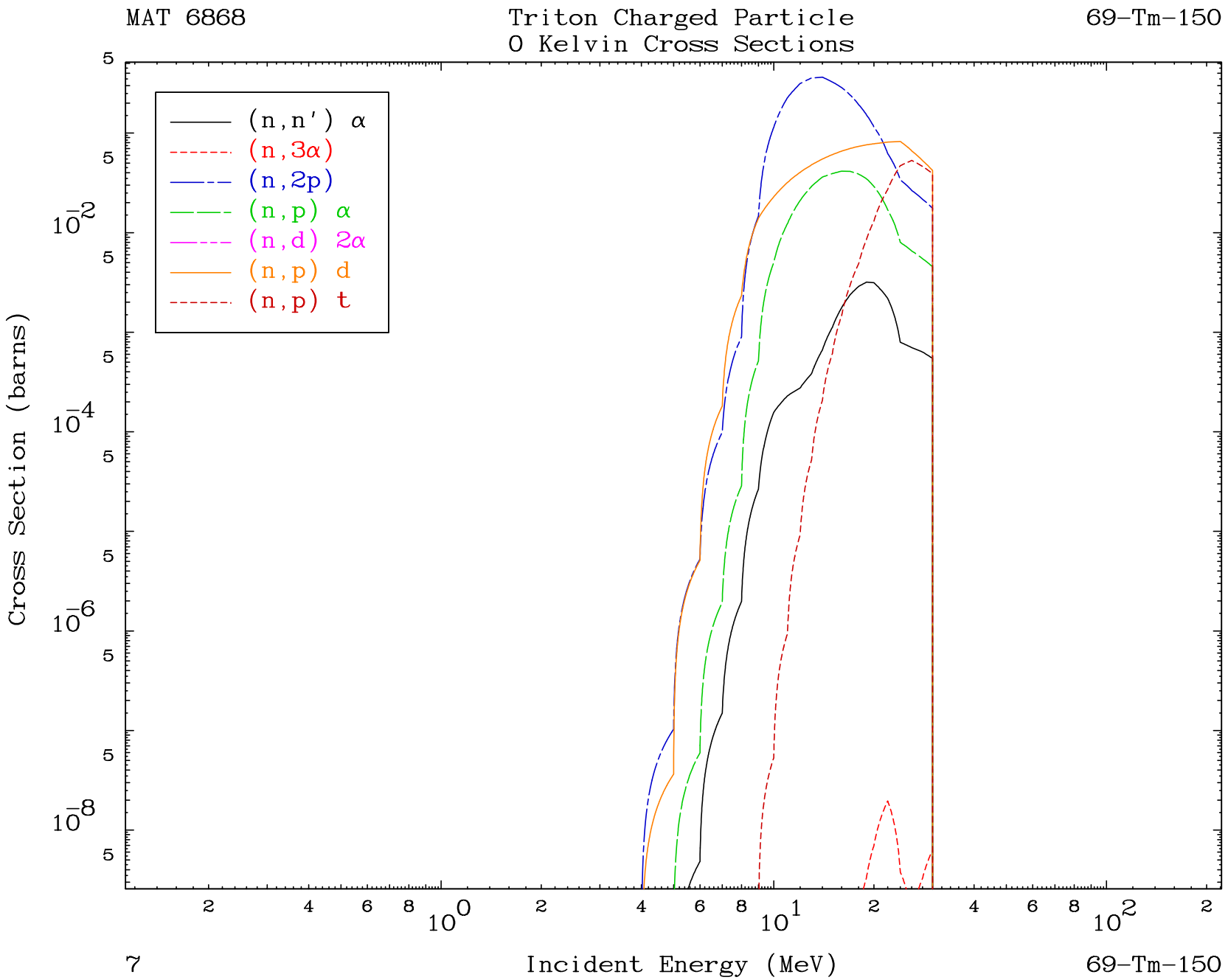

MAT 6868
Triton Neutron Absorption
0 Kelvin Cross Sections
69-Tm-150
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
69-Tm-150
2

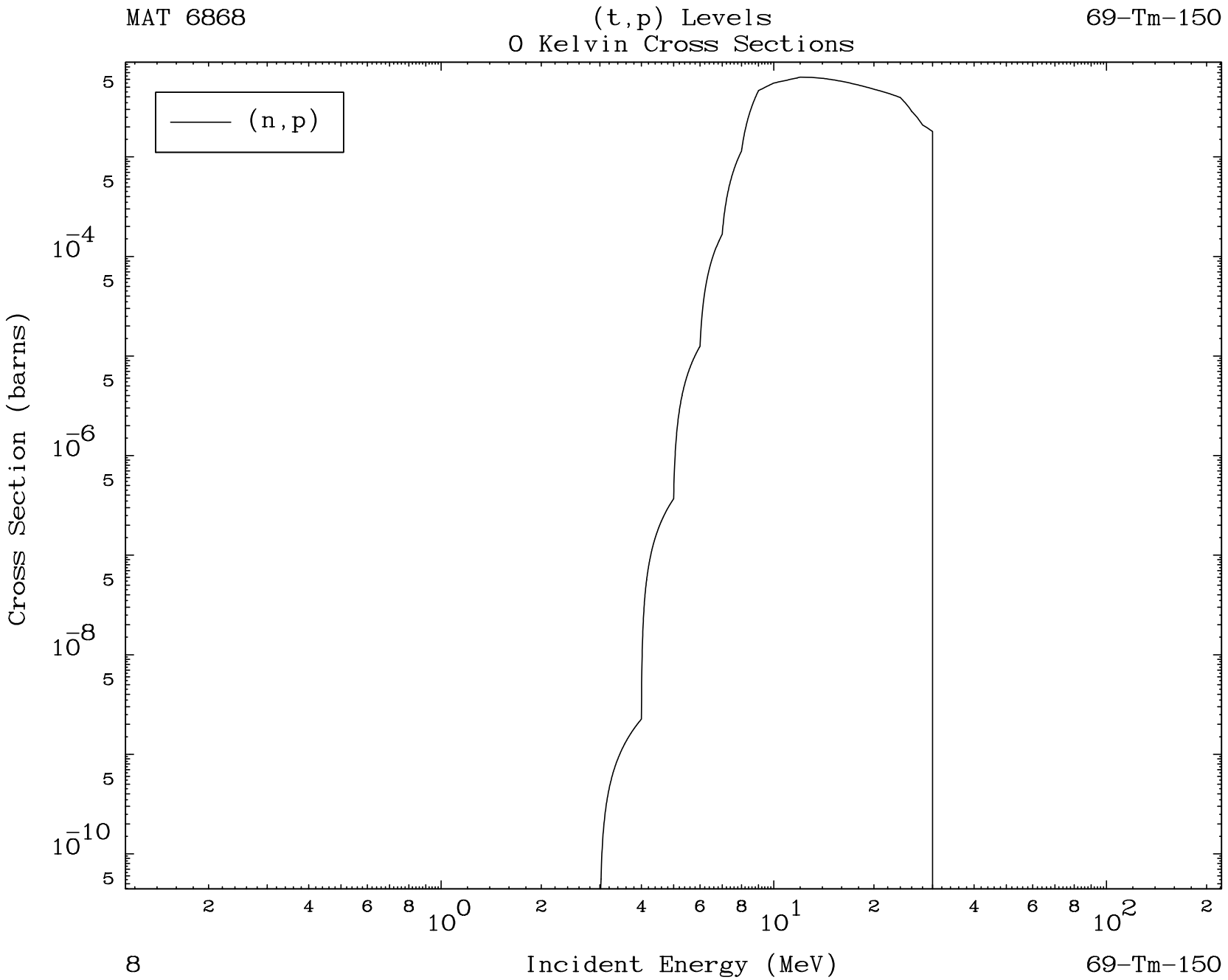

MAT 6868
Triton Neutron Absorption
0 Kelvin Cross Sections
69-Tm-150
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
69-Tm-150

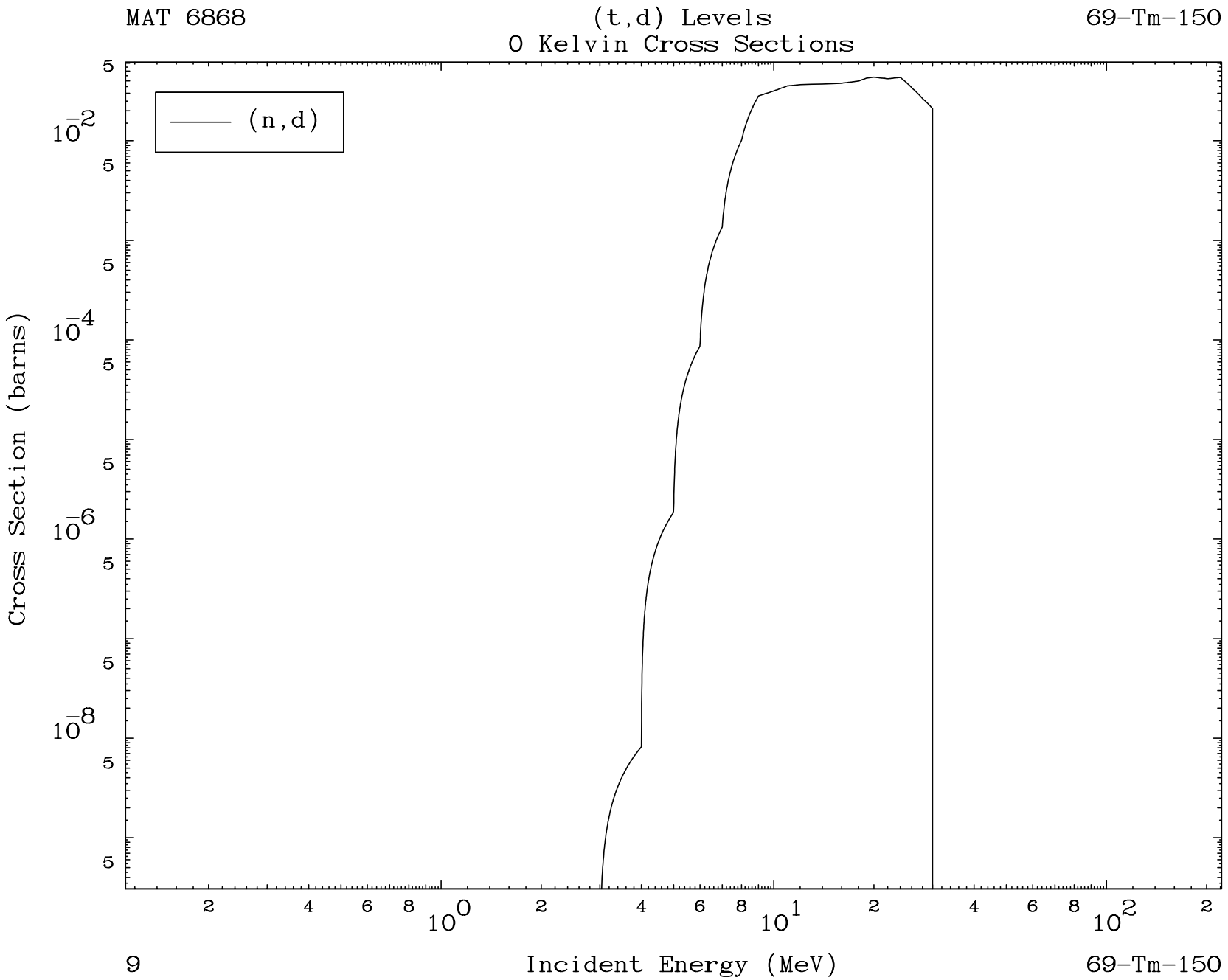

MAT 6868
Triton Neutron Absorption
0 Kelvin Cross Sections
69-Tm-150
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
69-Tm-150

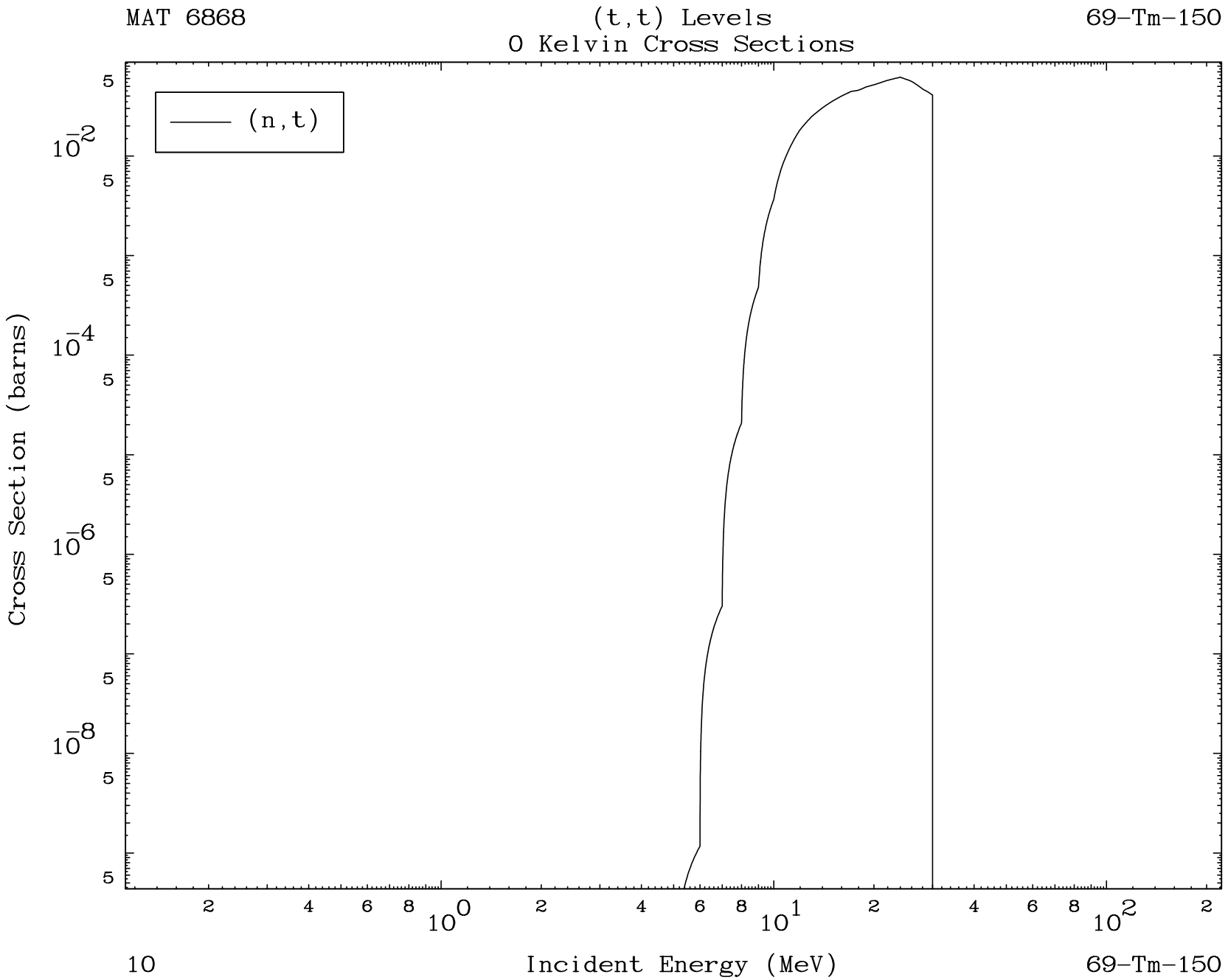

MAT 6868
Triton Charged Particle
0 Kelvin Cross Sections
69-Tm-150
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
69-Tm-150
5

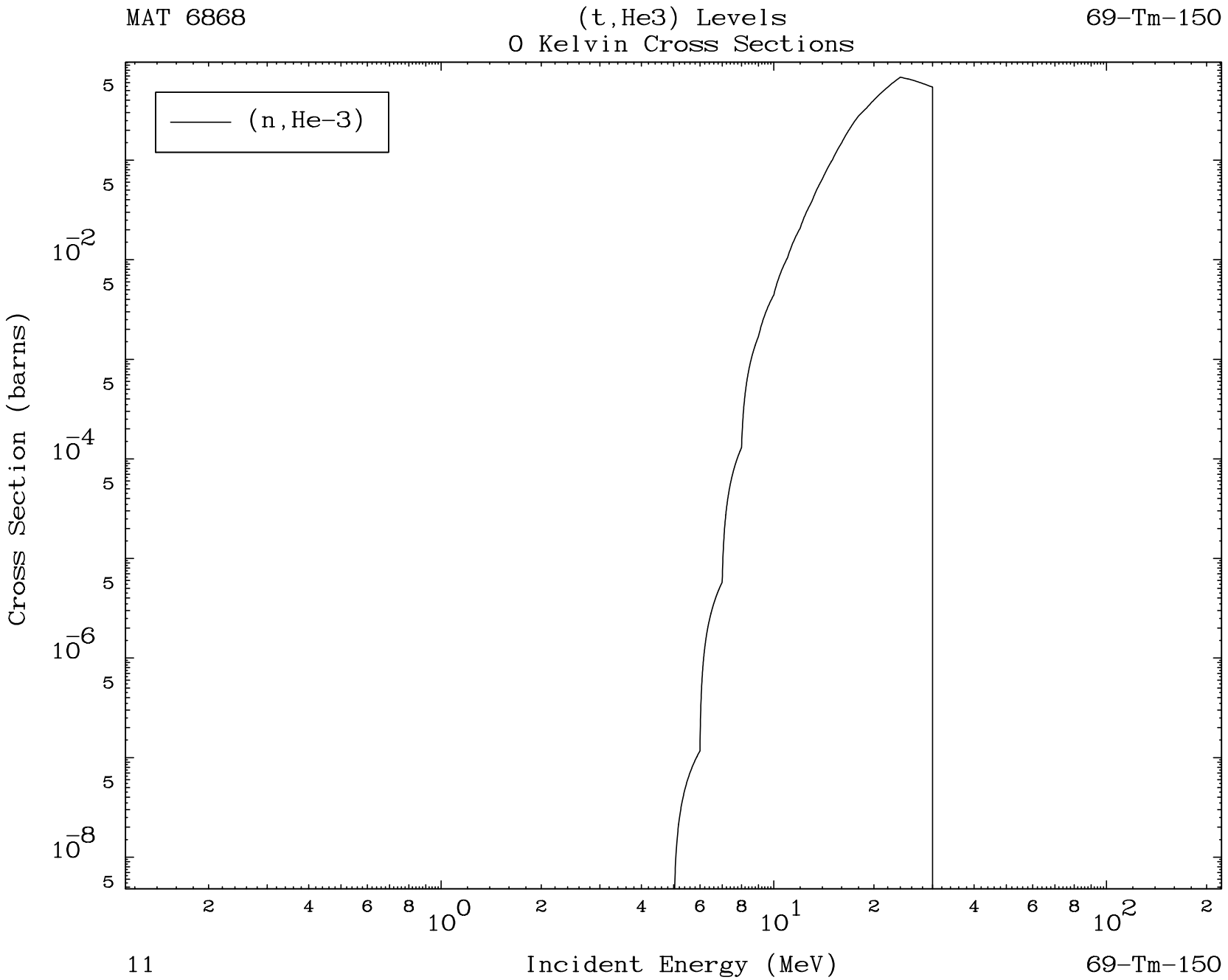

MAT 6868
Triton Charged Particle
0 Kelvin Cross Sections
69-Tm-150
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
69-Tm-150

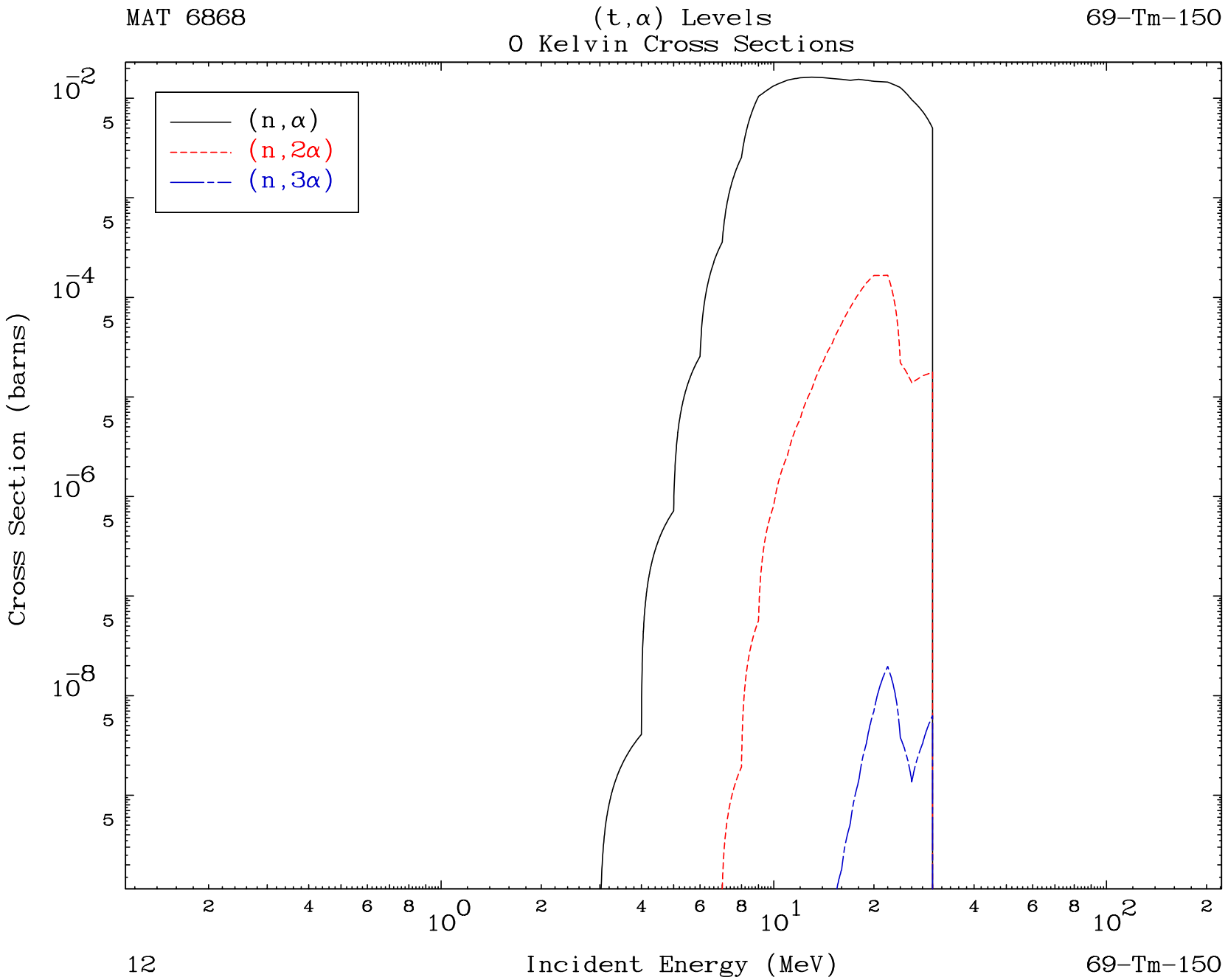

MAT 6868
Triton Charged Particle
0 Kelvin Cross Sections
69-Tm-150
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
69-Tm-150
7

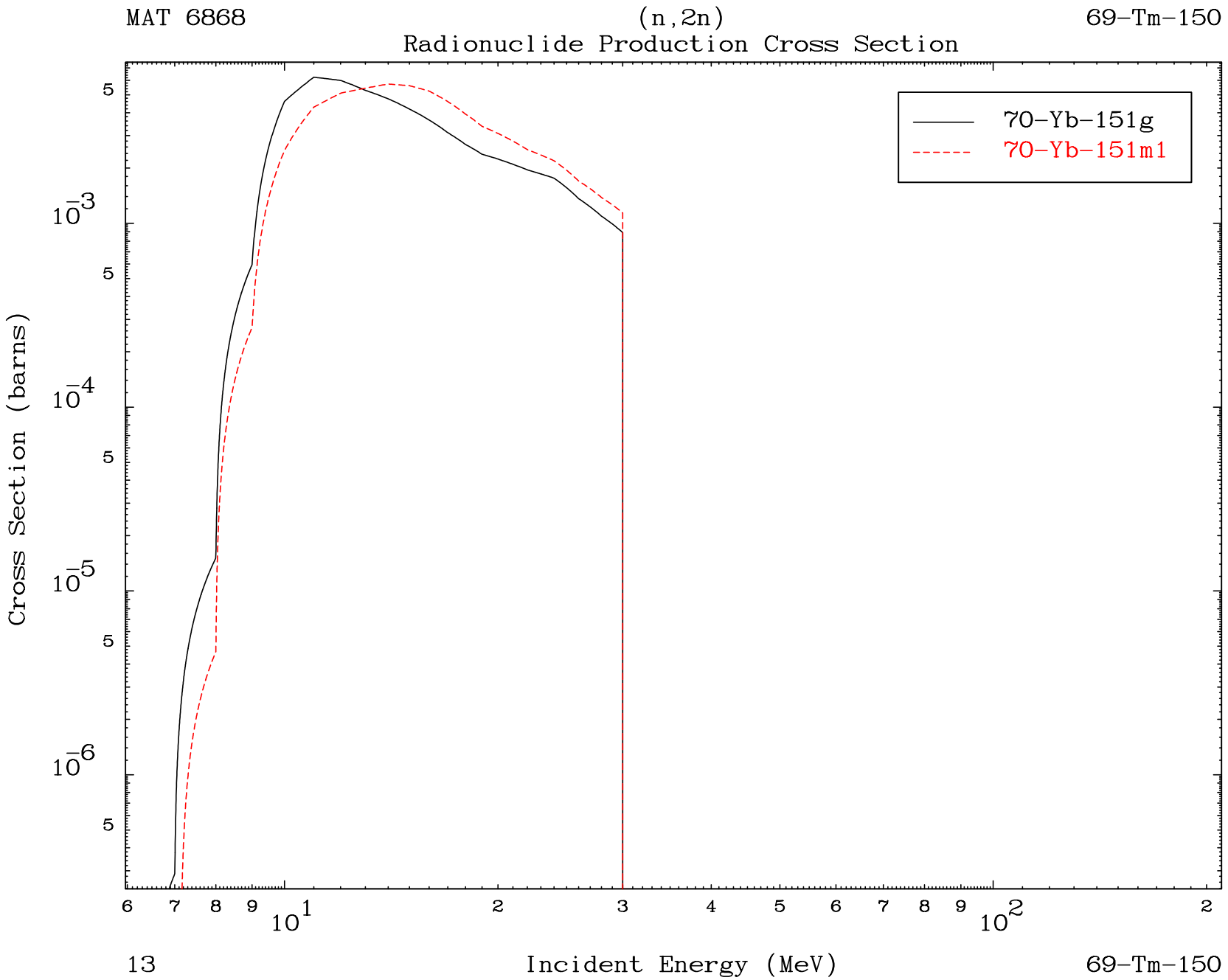

MAT 6868
(t,p) Levels
69-Tm-150
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
69-Tm-150

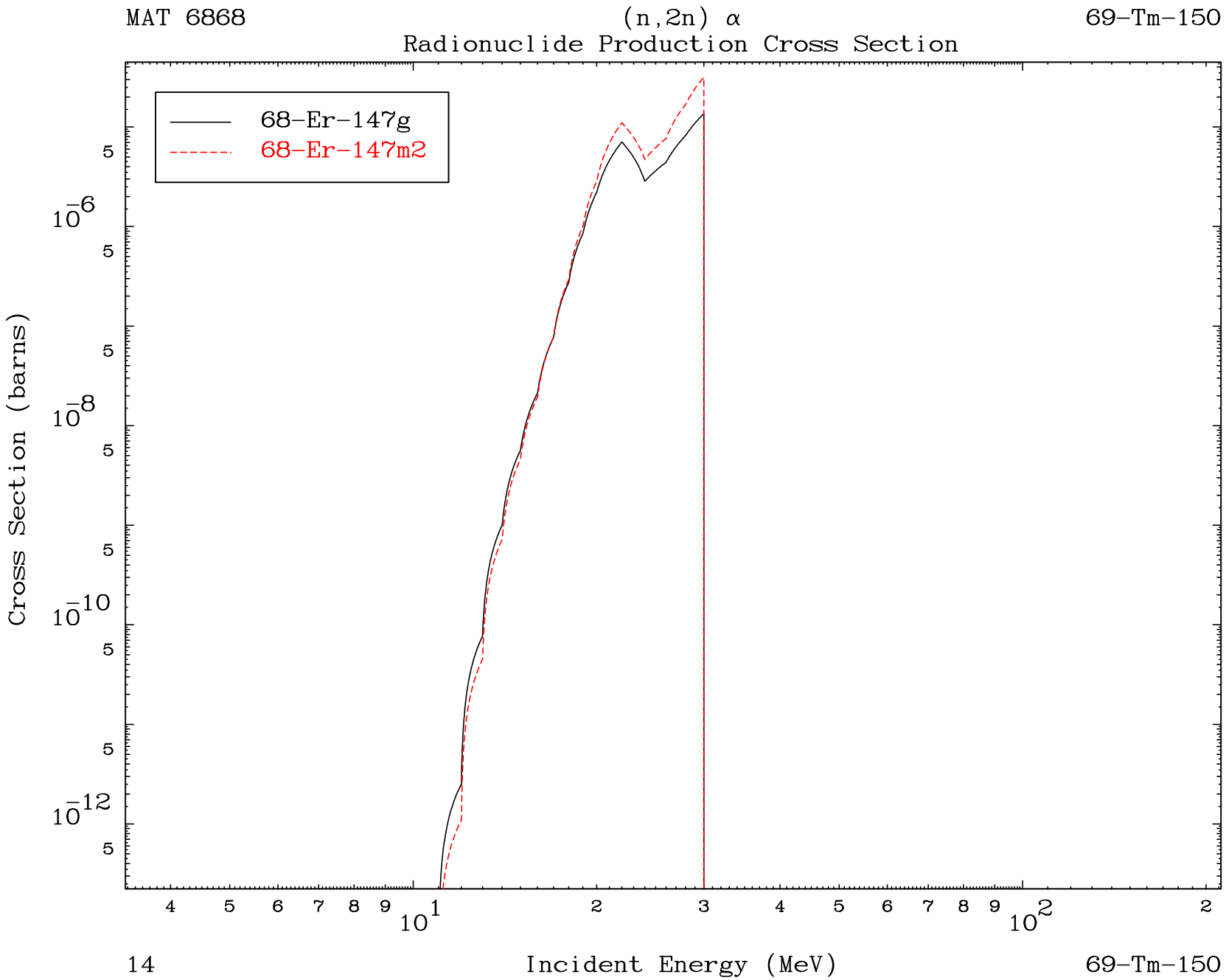

MAT 6868
(t,d) Levels
69-Tm-150
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
69-Tm-150

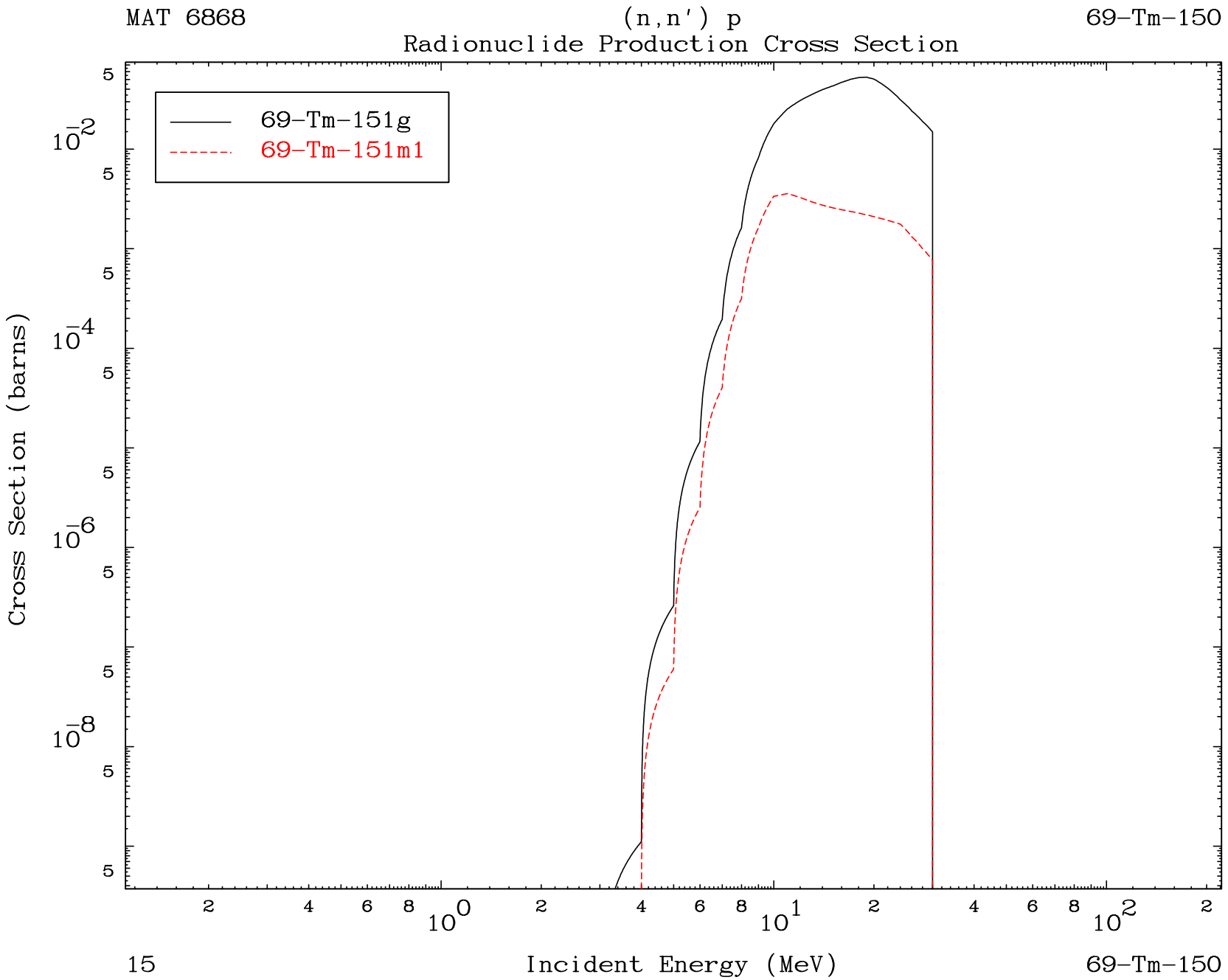

MAT 6868
(t,t) Levels
69-Tm-150
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-150

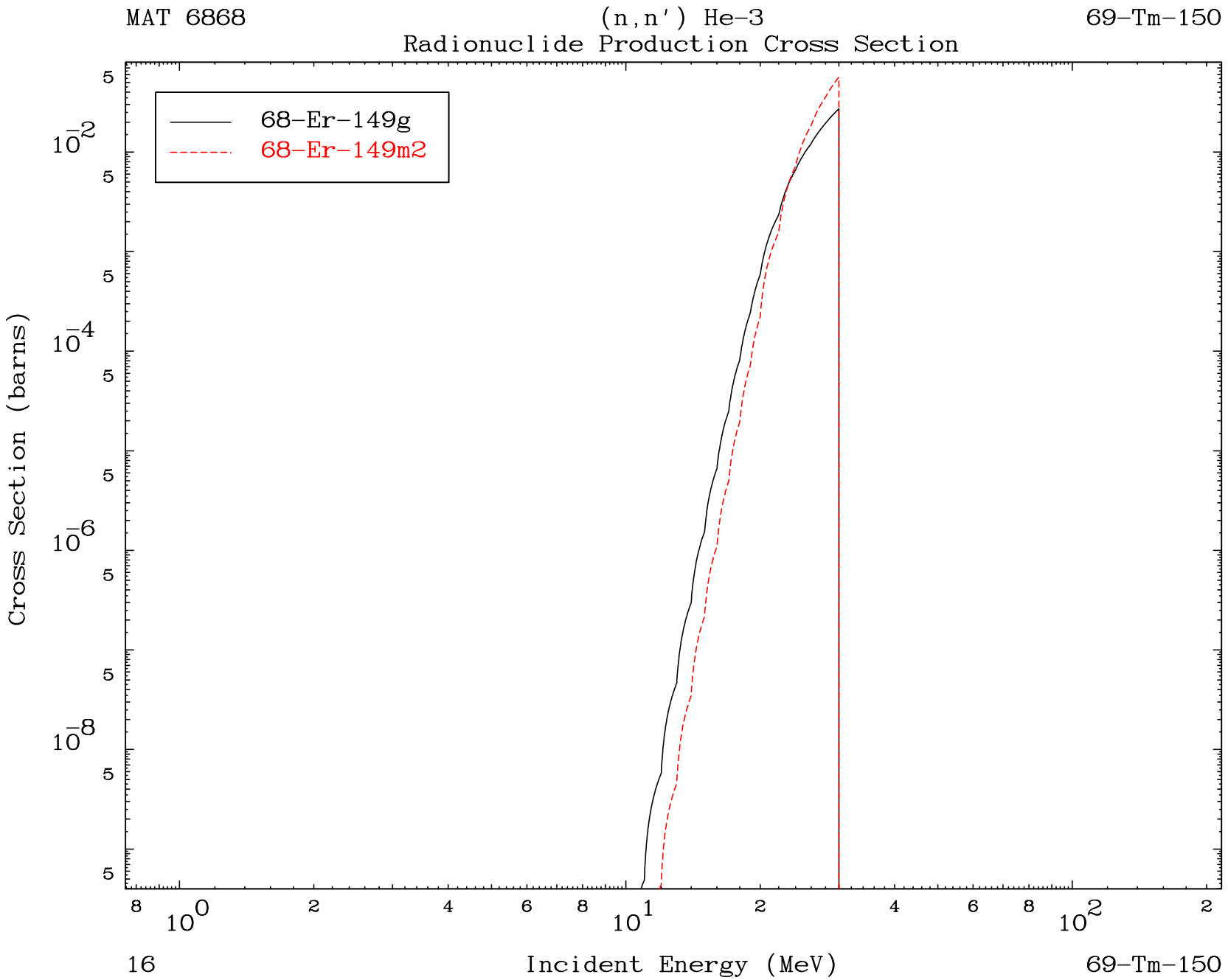

MAT 6868
(t,He3) Levels
69-Tm-150
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
69-Tm-150

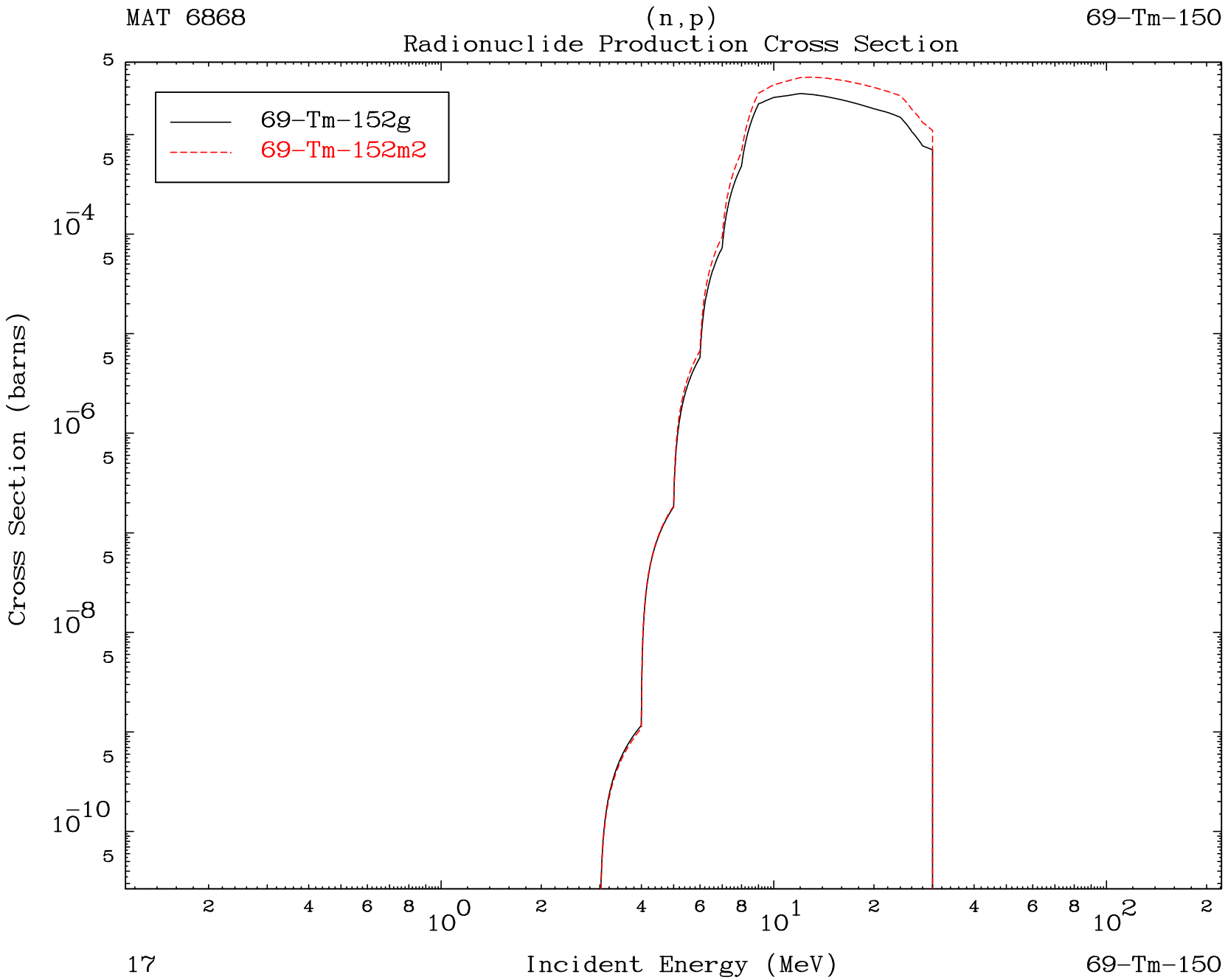

MAT 6868
(t,α) Levels
69-Tm-150
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
69-Tm-150

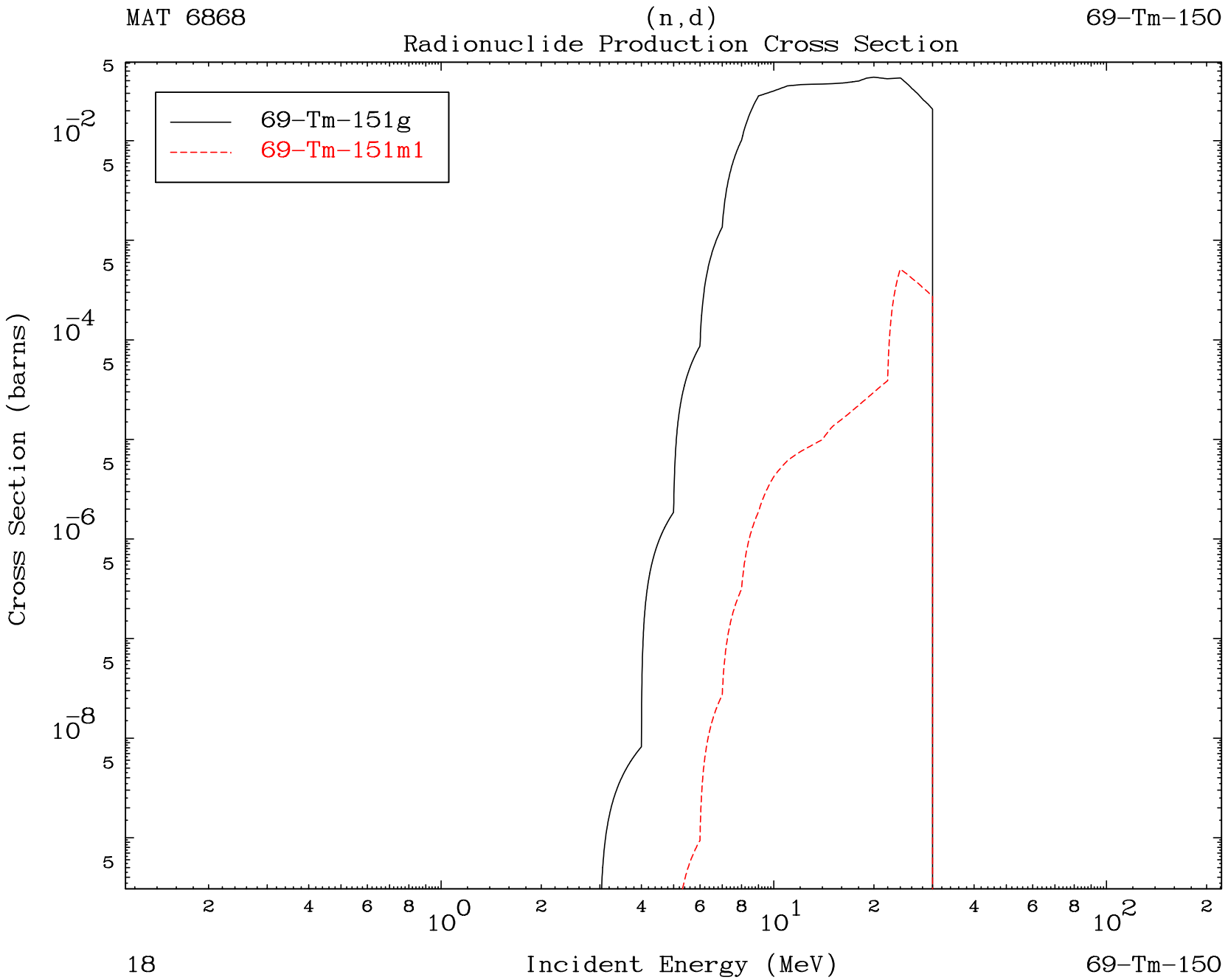

MAT 6868
(n,2n)
69-Tm-150
Radionuclide Production Cross Section
70-Yb-151g
70-Yb-151m1
Cross Section (barns)
10-3
10-4
10-5
10-6
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
69-Tm-150

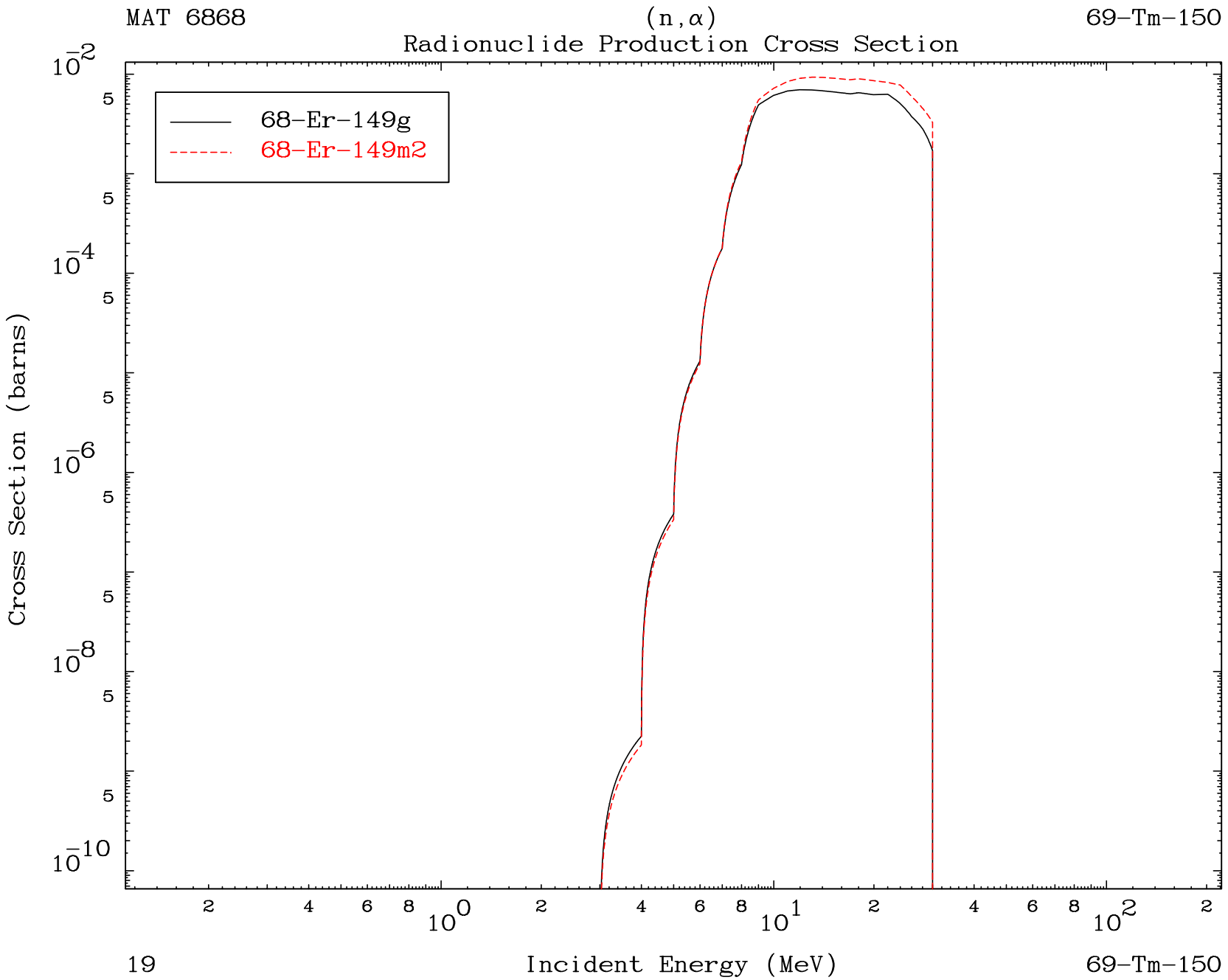

MAT 6868
(n,2n) α
69-Tm-150
Radionuclide Production Cross Section
68-Er-147g
68-Er-147m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
14
Incident Energy (MeV)
69-Tm-150

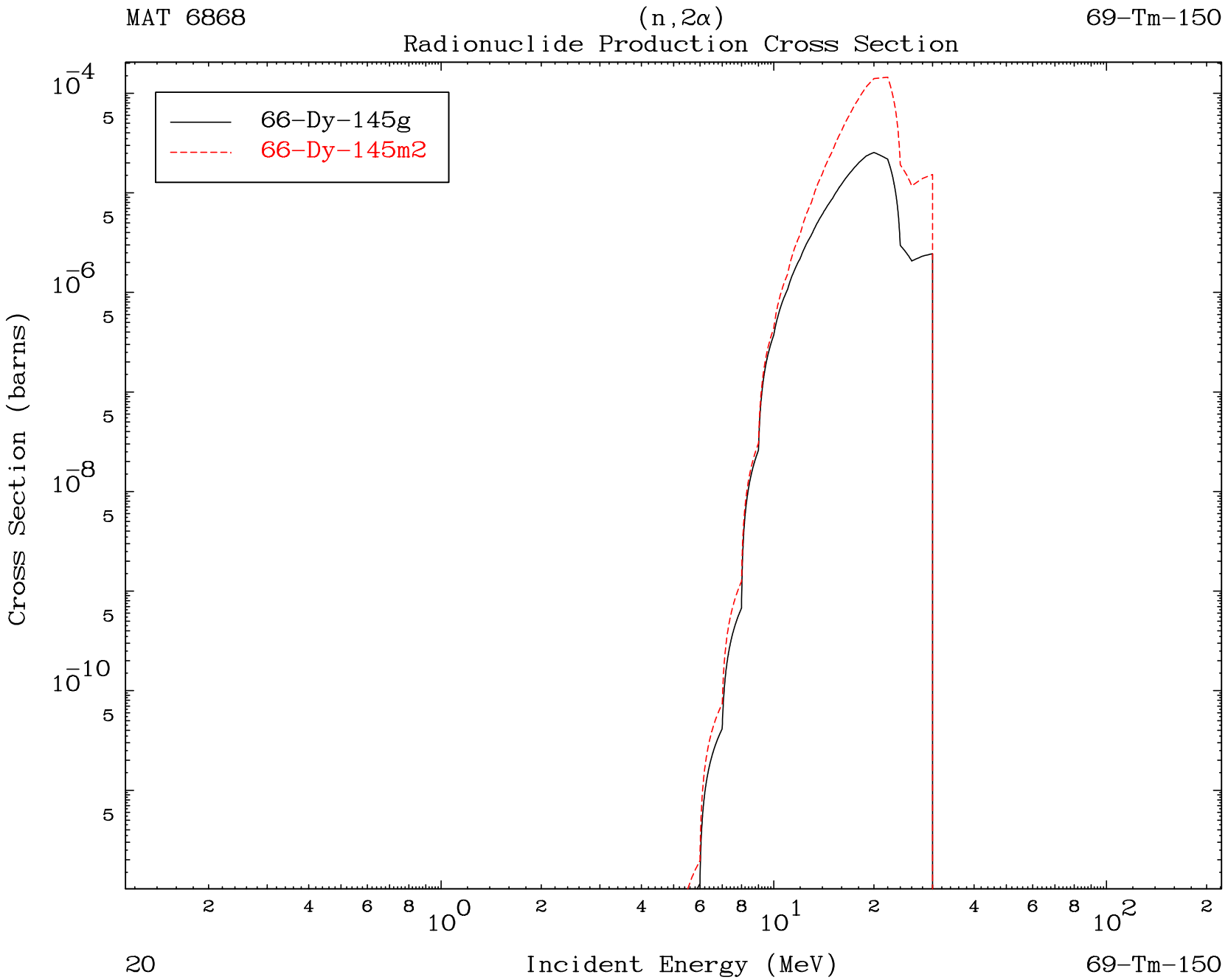

MAT 6868
(n,n') p
69-Tm-150
Radionuclide Production Cross Section
69-Tm-151g
69-Tm-151m1
Cross Section (barns)
Incident Energy (MeV)
15
69-Tm-150

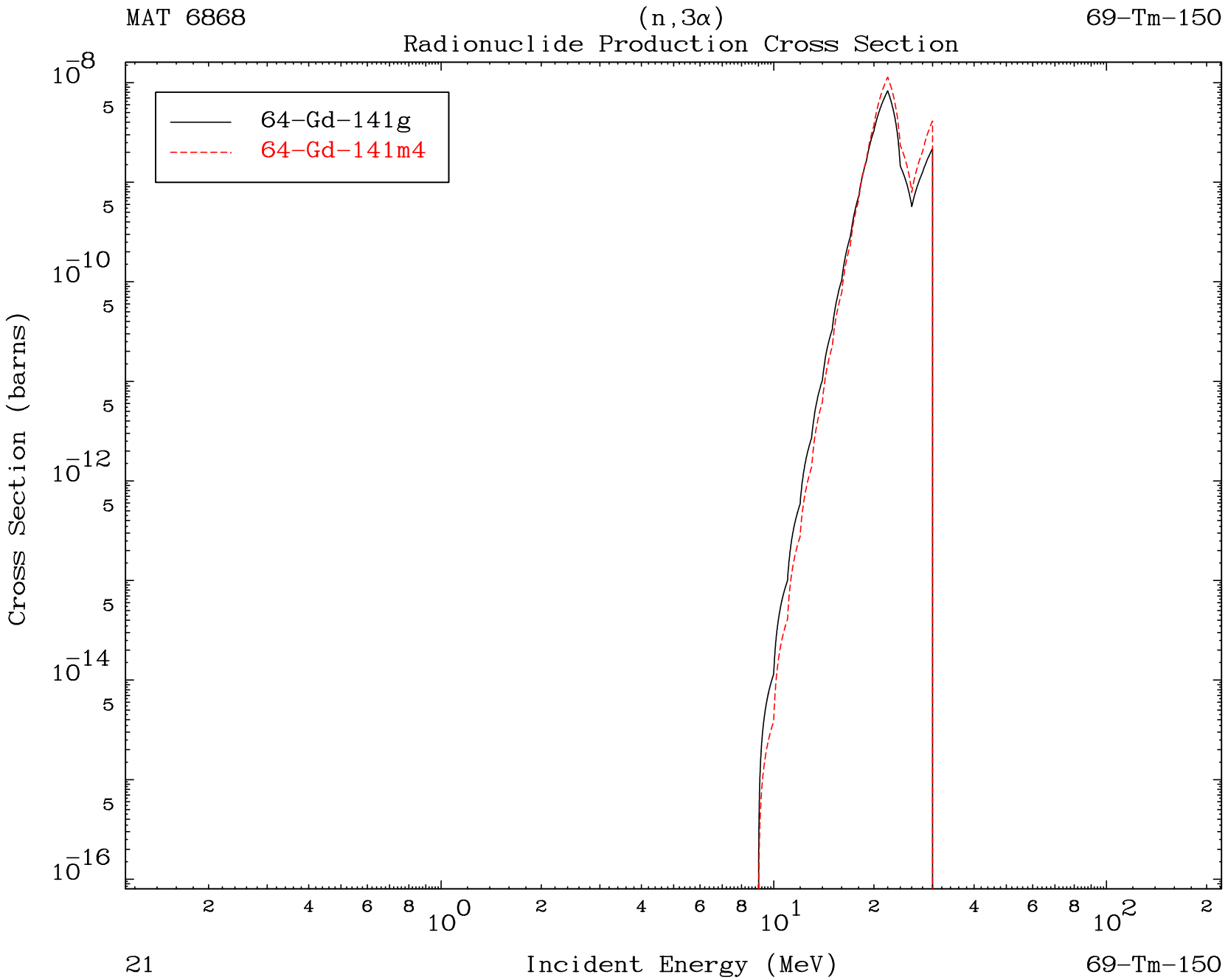

MAT 6868
(n,n') He-3
69-Tm-150
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
Incident Energy (MeV)
16
69-Tm-150

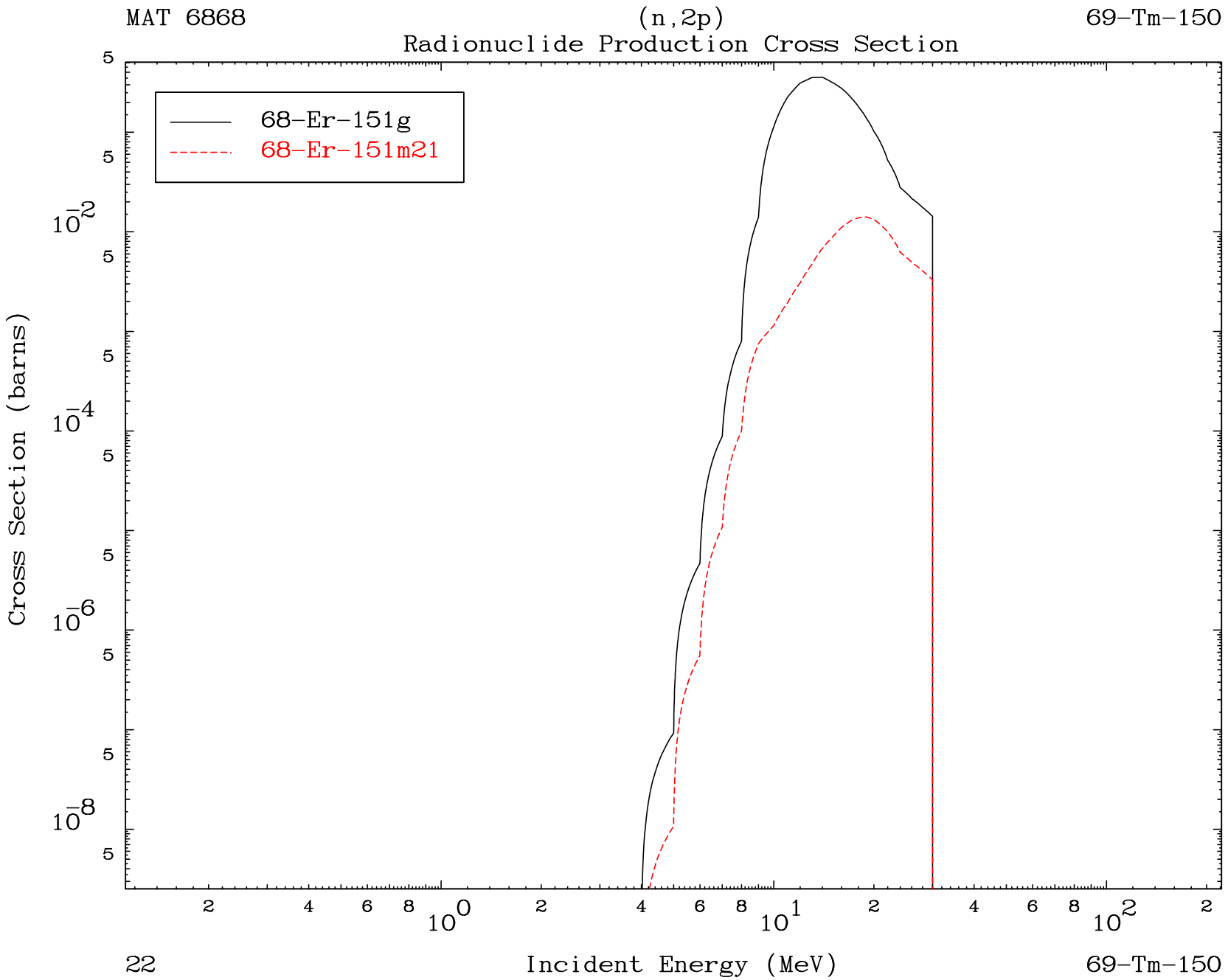

MAT 6868
(n,p)
69-Tm-150
Radionuclide Production Cross Section
69-Tm-152g
69-Tm-152m2
Cross Section (barns)
Incident Energy (MeV)
17
69-Tm-150

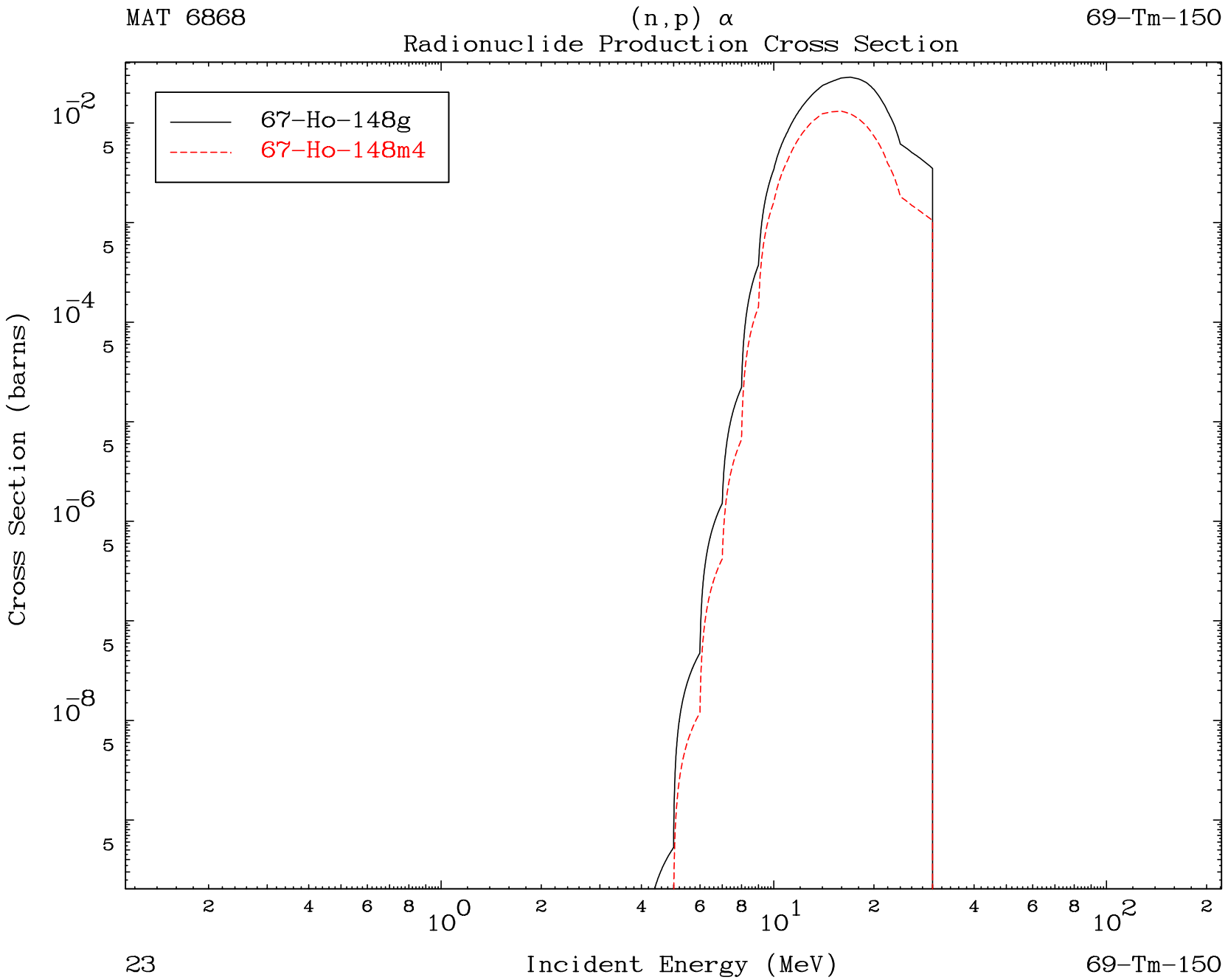

MAT 6868
(n,d)
69-Tm-150
Radionuclide Production Cross Section
69-Tm-151g
69-Tm-151m1
Cross Section (barns)
Incident Energy (MeV)
18
69-Tm-150

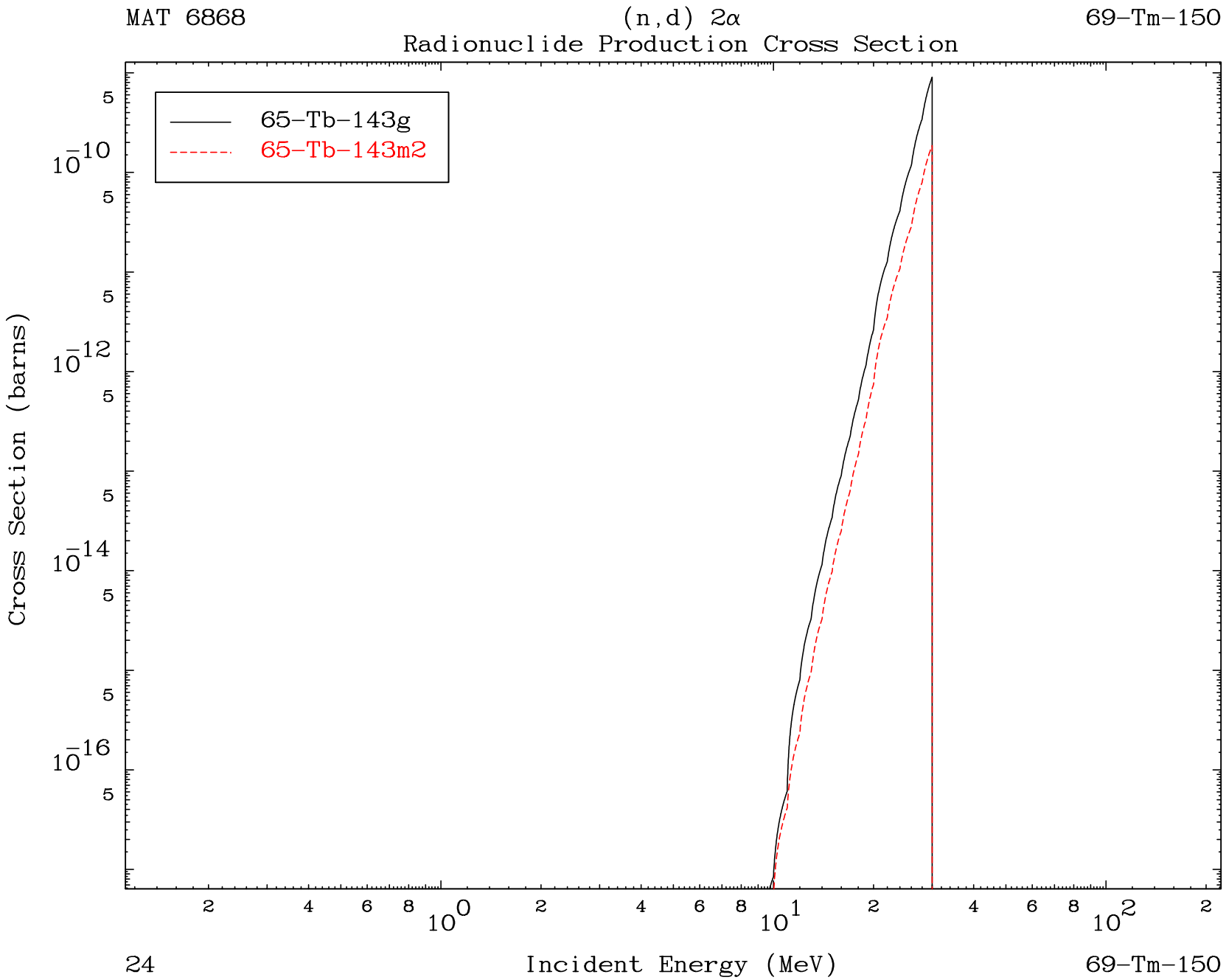

MAT 6868
(n,α)
69-Tm-150
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
Incident Energy (MeV)
19
69-Tm-150

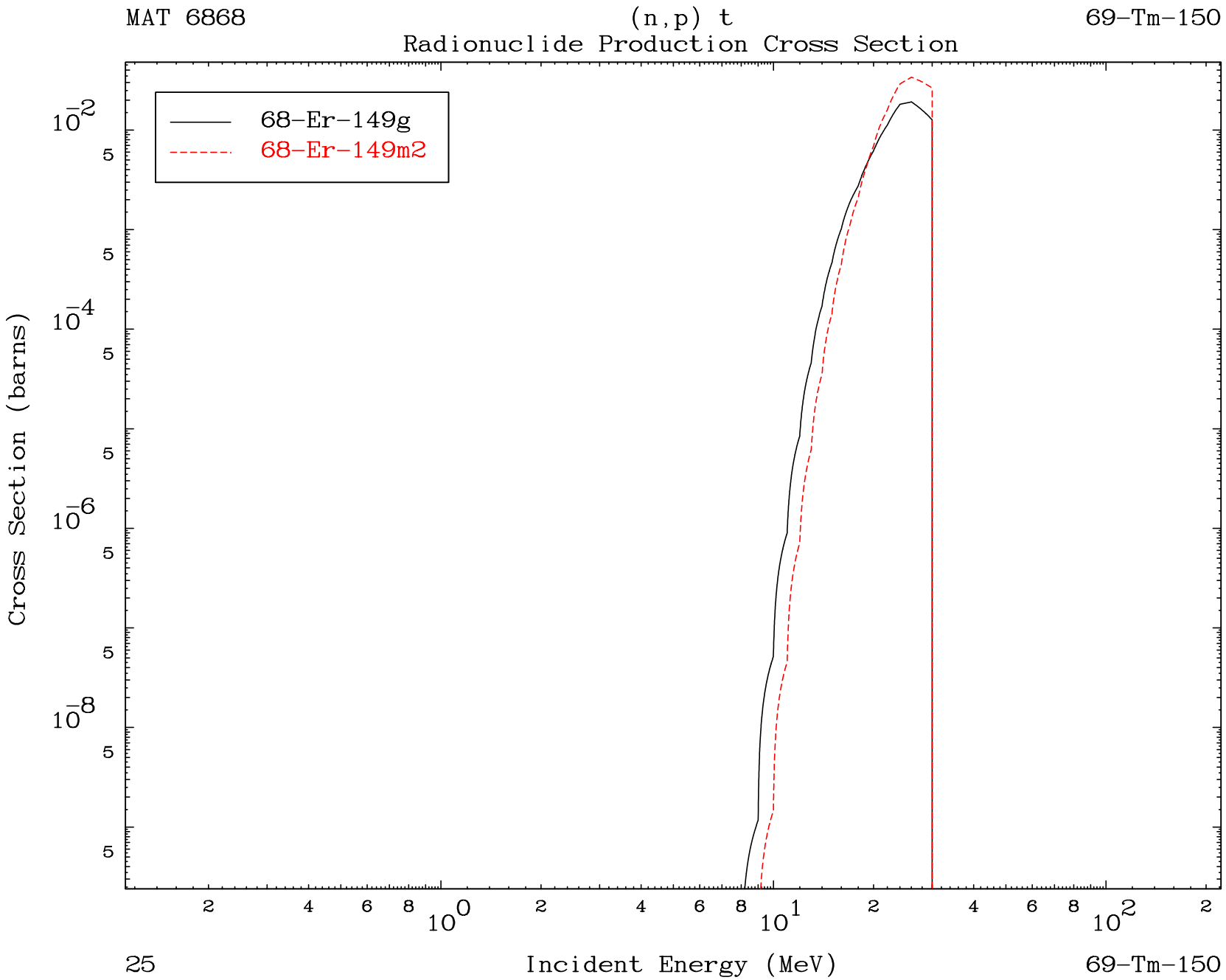

MAT 6868
(n,2α)
69-Tm-150
Radionuclide Production Cross Section
66-Dy-145g
66-Dy-145m2
Cross Section (barns)
Incident Energy (MeV)
20
69-Tm-150


MAT 6868
(n,3α)
69-Tm-150
Radionuclide Production Cross Section
64-Gd-141g
64-Gd-141m4
Cross Section (barns)
Incident Energy (MeV)
21
69-Tm-150


MAT 6868
(n,2p)
69-Tm-150
Radionuclide Production Cross Section
68-Er-151g
68-Er-151m21
Cross Section (barns)
Incident Energy (MeV)
22
69-Tm-150


MAT 6868
(n,p) α
69-Tm-150
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
Incident Energy (MeV)
23
69-Tm-150


MAT 6868
(n,d) 2α
69-Tm-150
Radionuclide Production Cross Section
65-Tb-143g
65-Tb-143m2
Cross Section (barns)
Incident Energy (MeV)
24
69-Tm-150


MAT 6868
(n,p) t
69-Tm-150
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
Incident Energy (MeV)
25
69-Tm-150