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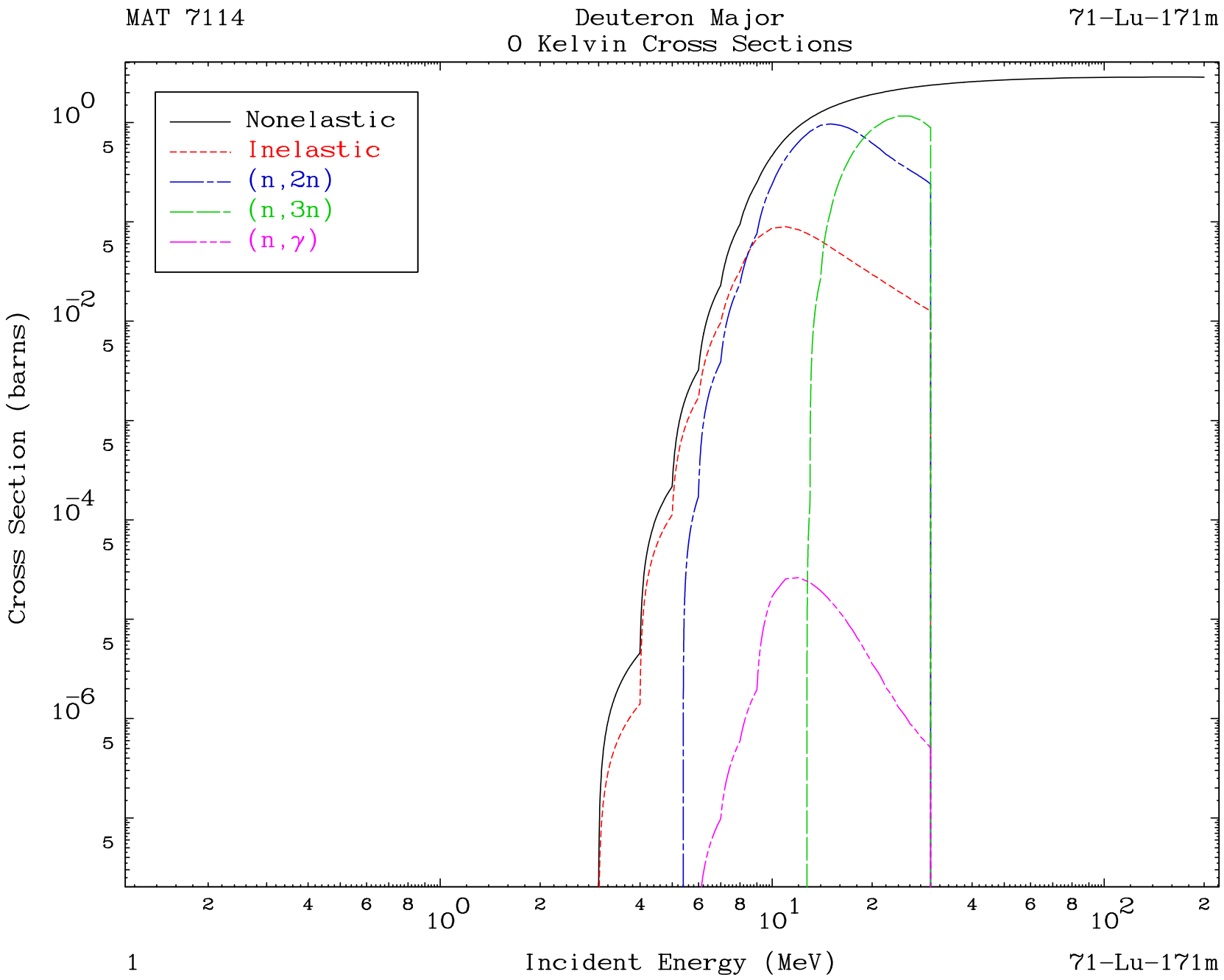
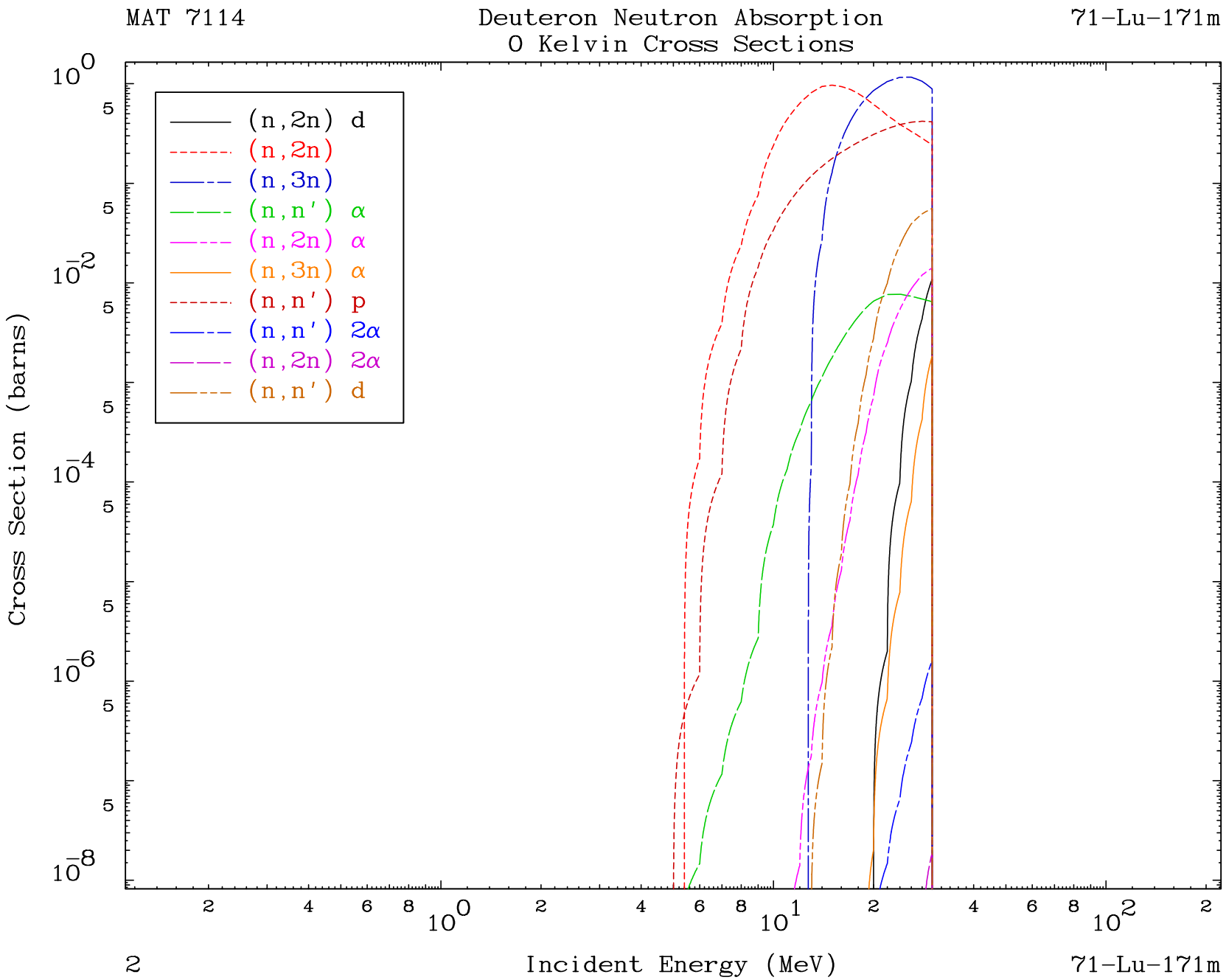
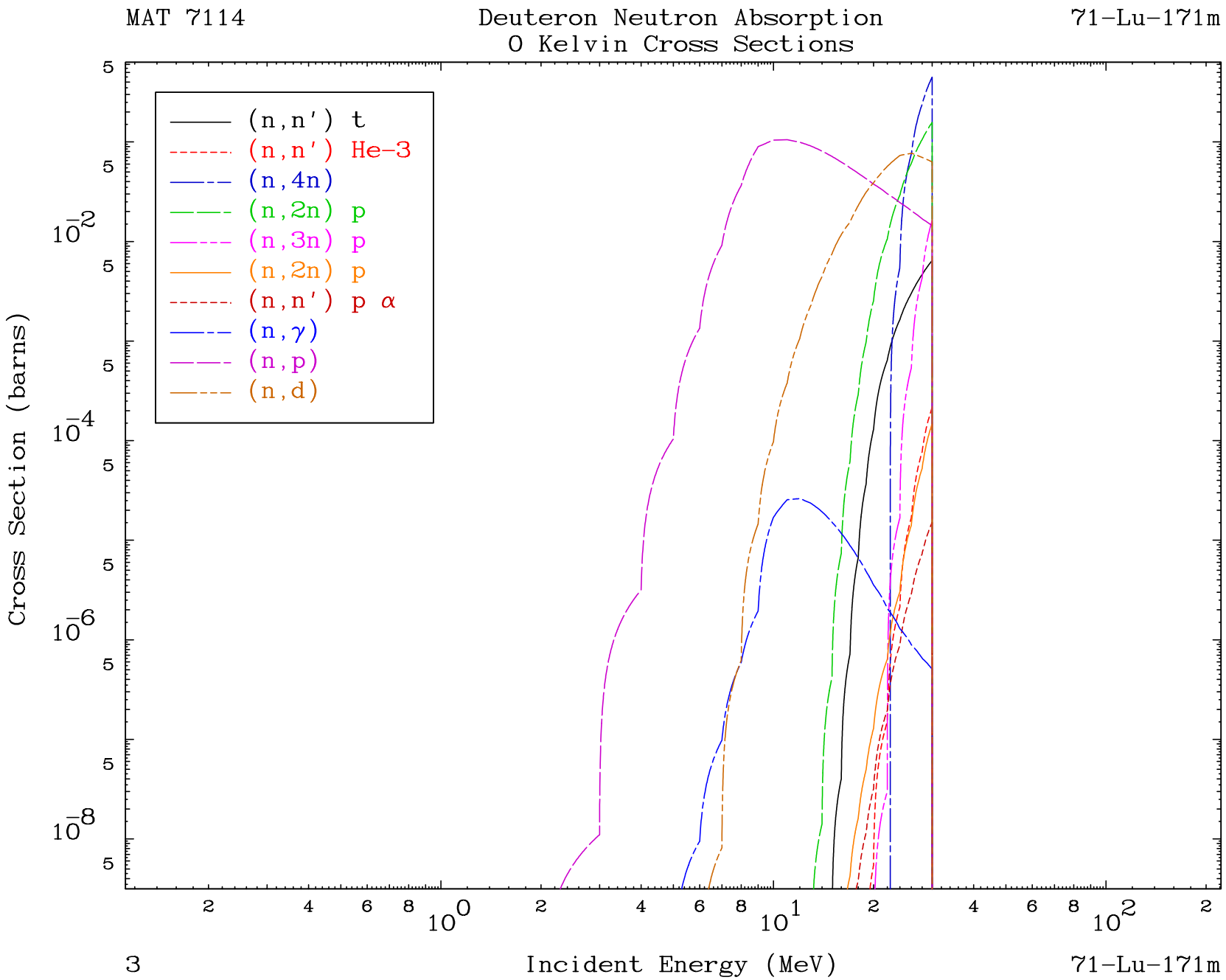
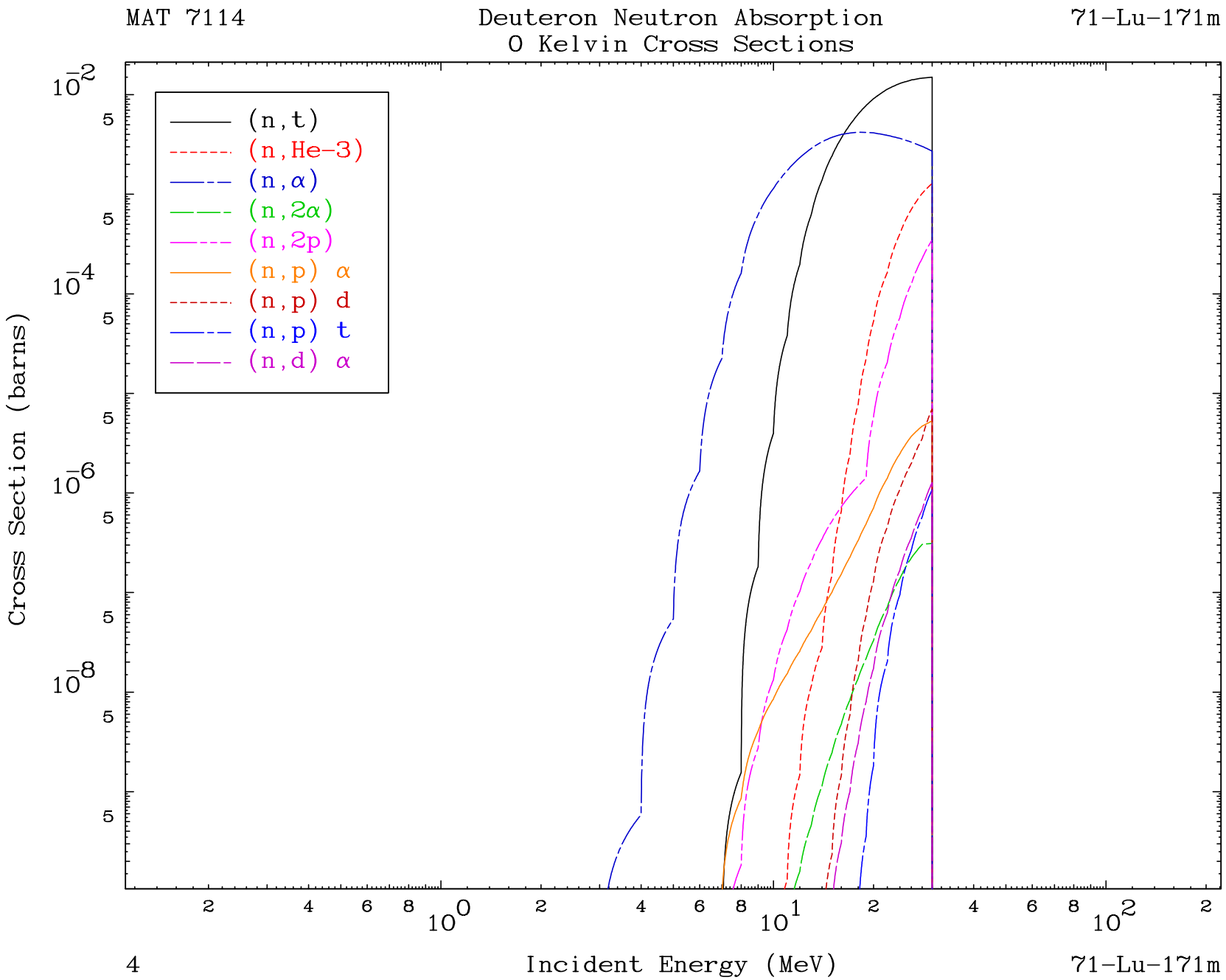
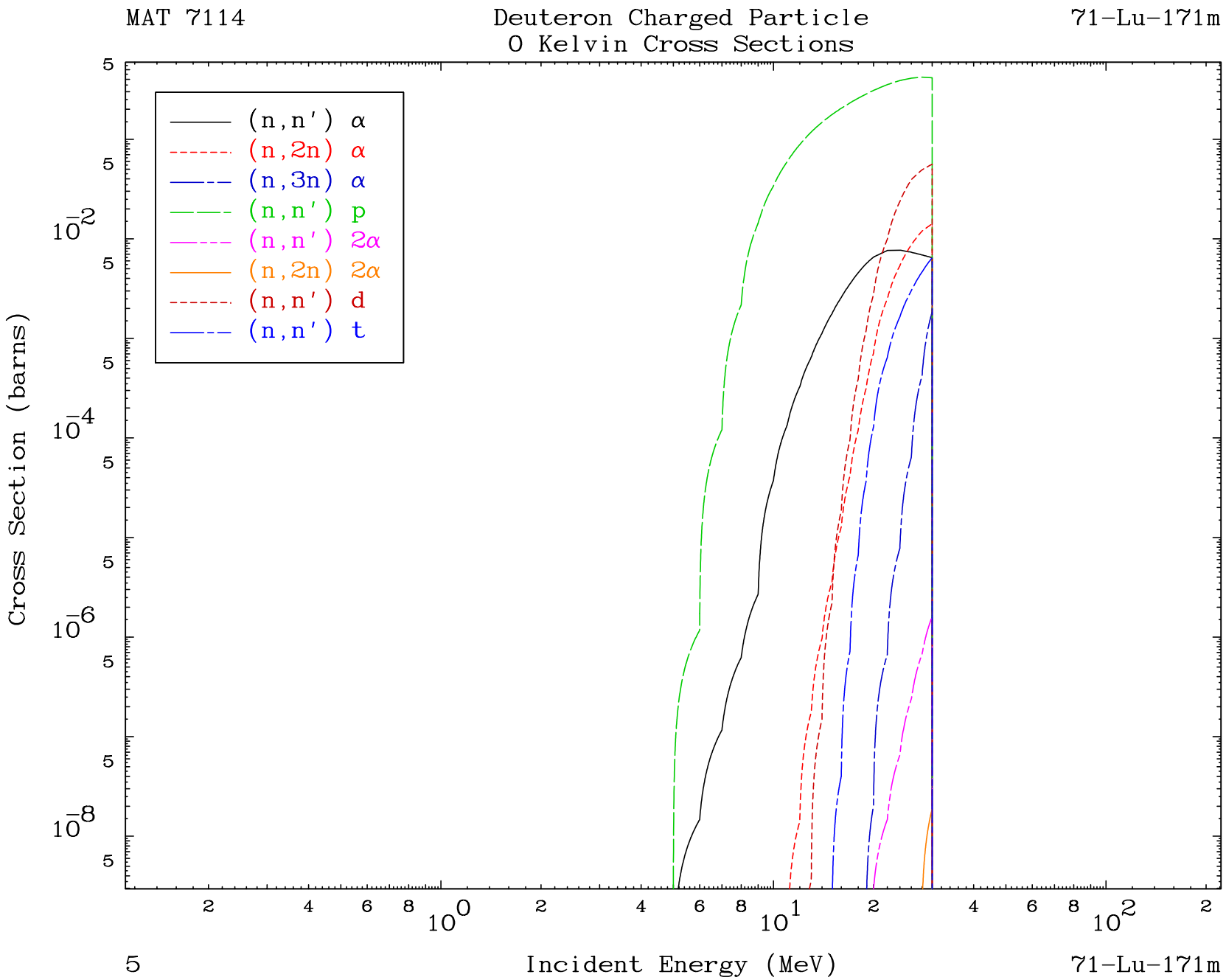
Press Mouse Button to Start

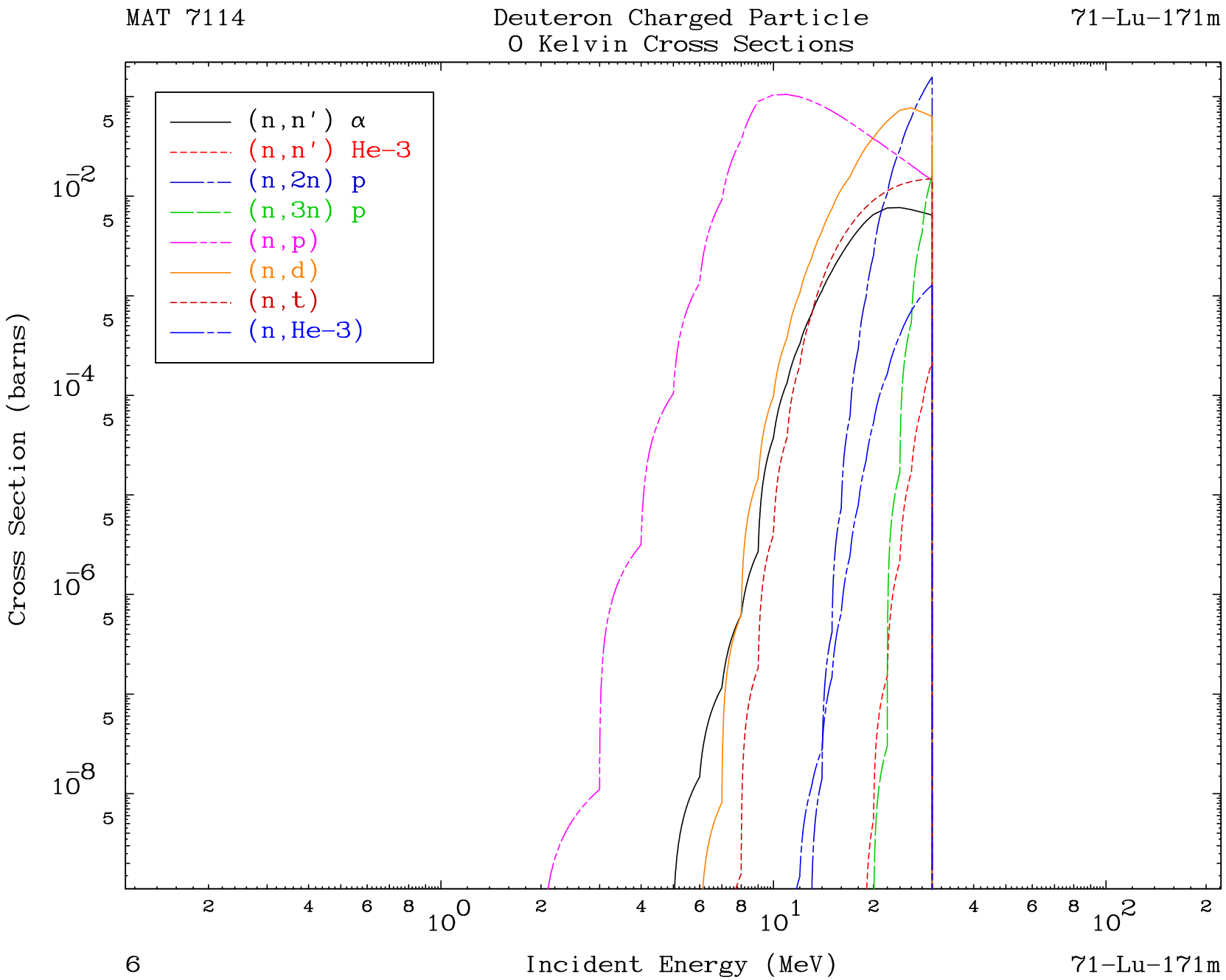

MAT 7114
Deuteron Major
0 Kelvin Cross Sections
71-Lu-171m
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-171m
1

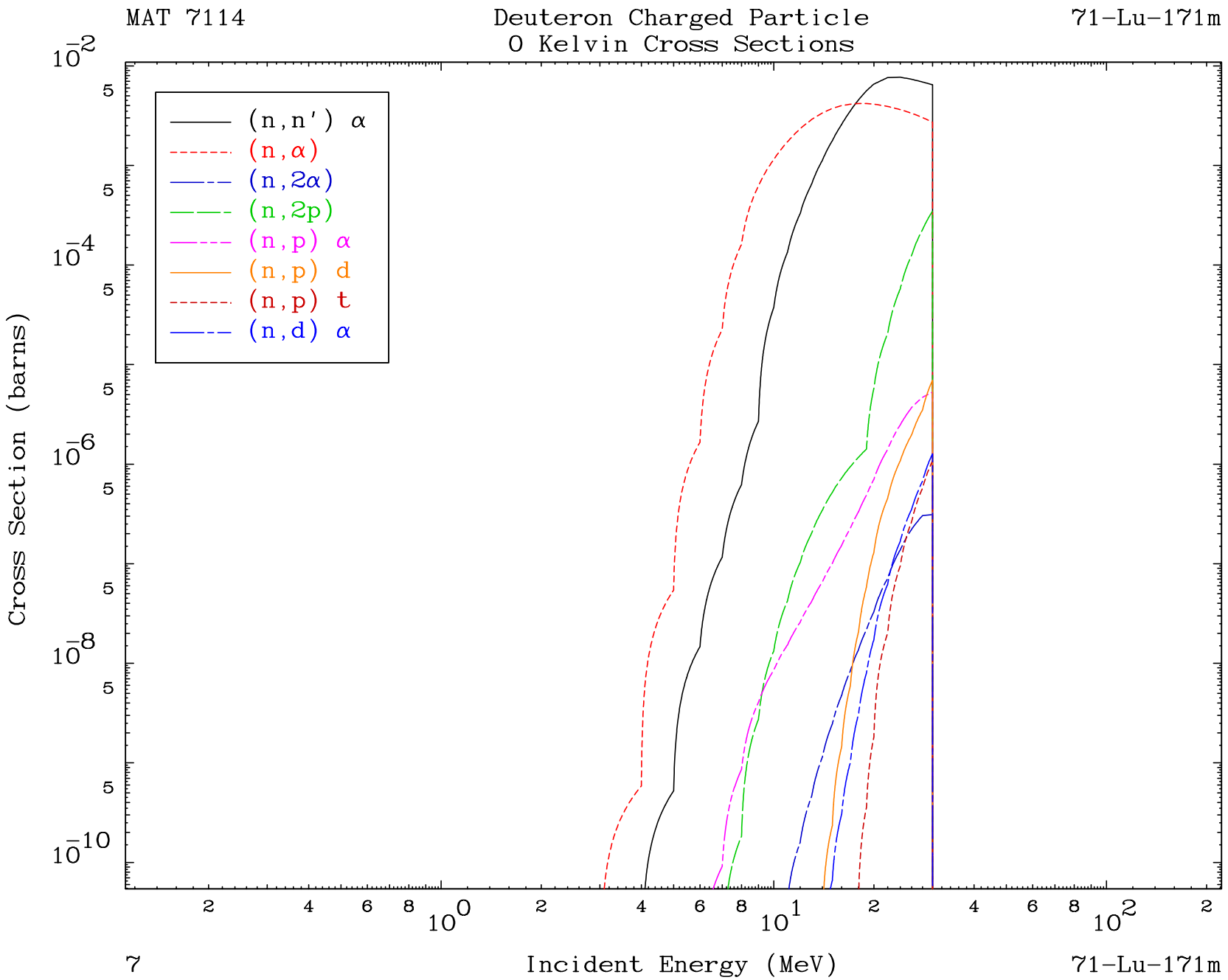

MAT 7114
Deuteron Neutron Absorption
0 Kelvin Cross Sections
71-Lu-171m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
71-Lu-171m

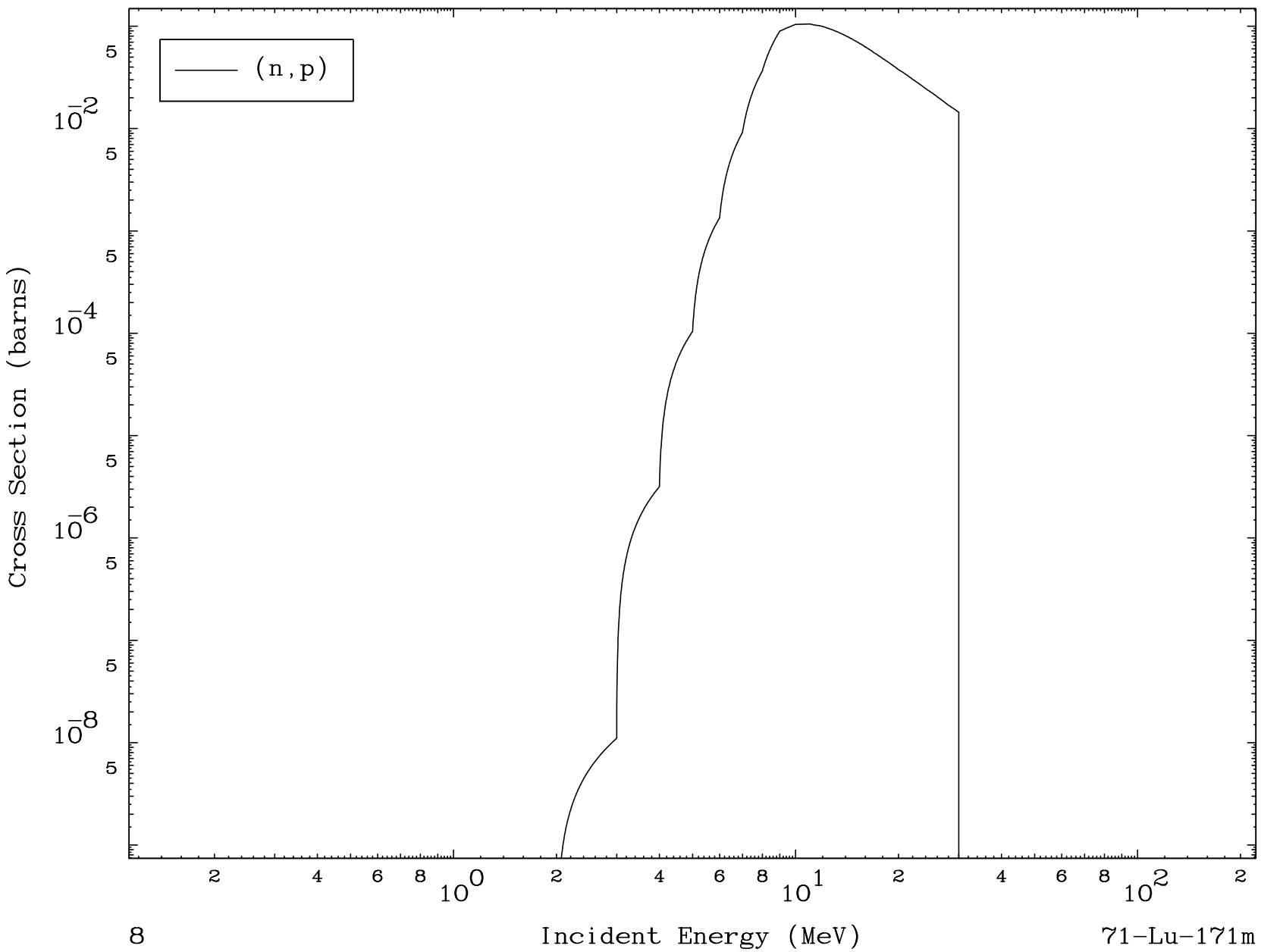

MAT 7114
Deuteron Neutron Absorption
0 Kelvin Cross Sections
71-Lu-171m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
71-Lu-171m

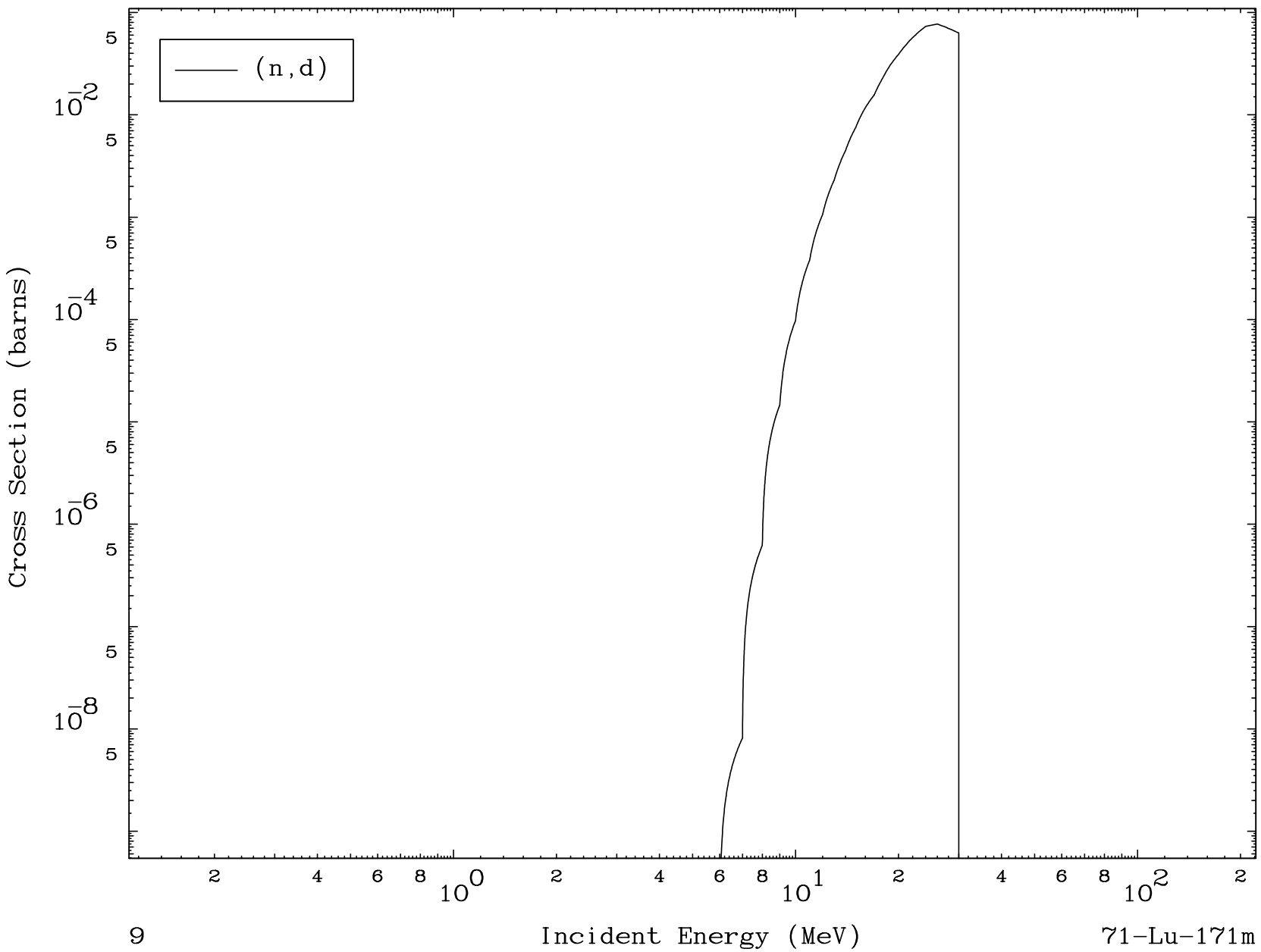

MAT 7114
Deuteron Neutron Absorption
0 Kelvin Cross Sections
71-Lu-171m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
71-Lu-171m

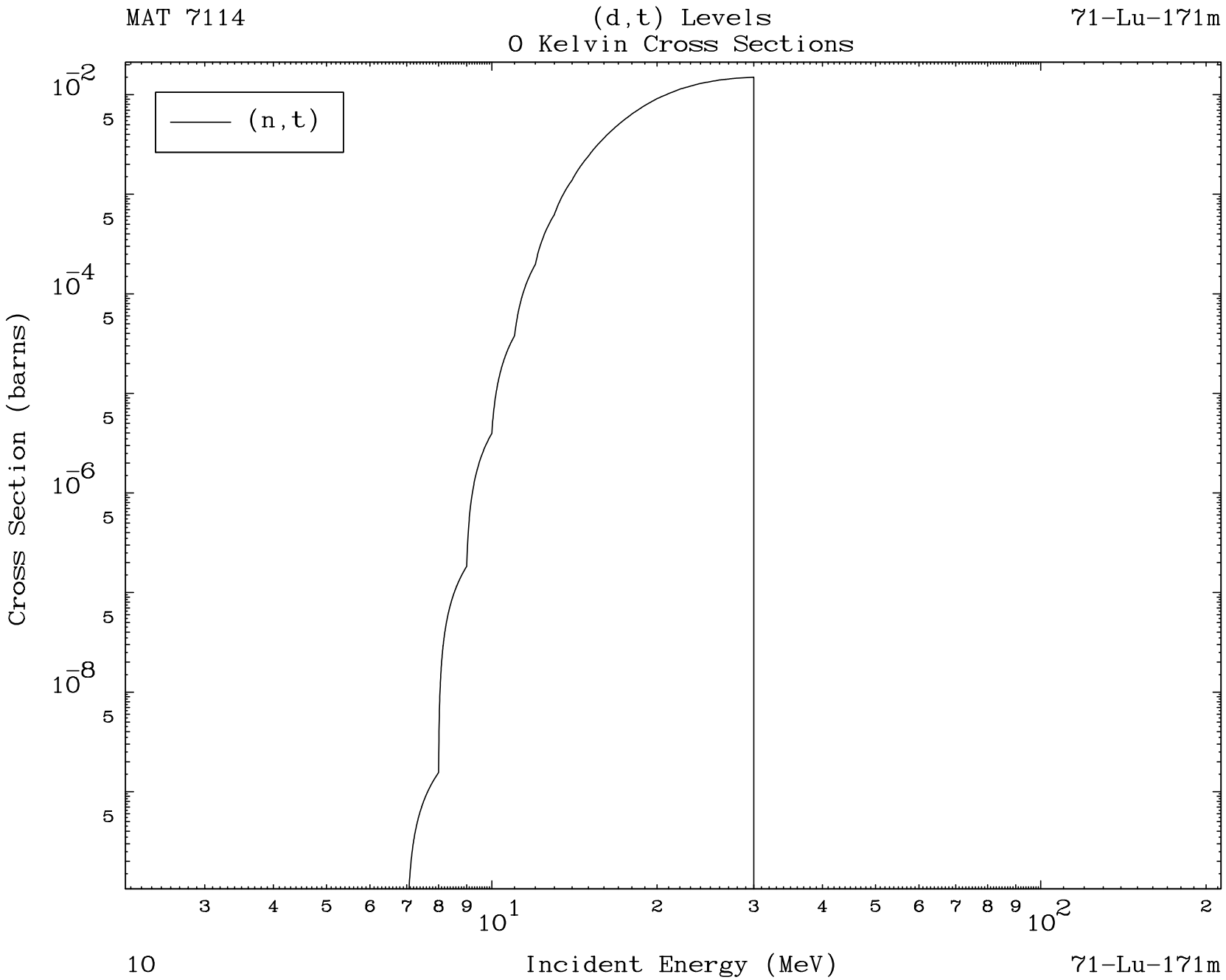

MAT 7114
Deuteron Charged Particle
0 Kelvin Cross Sections
71-Lu-171m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
71-Lu-171m

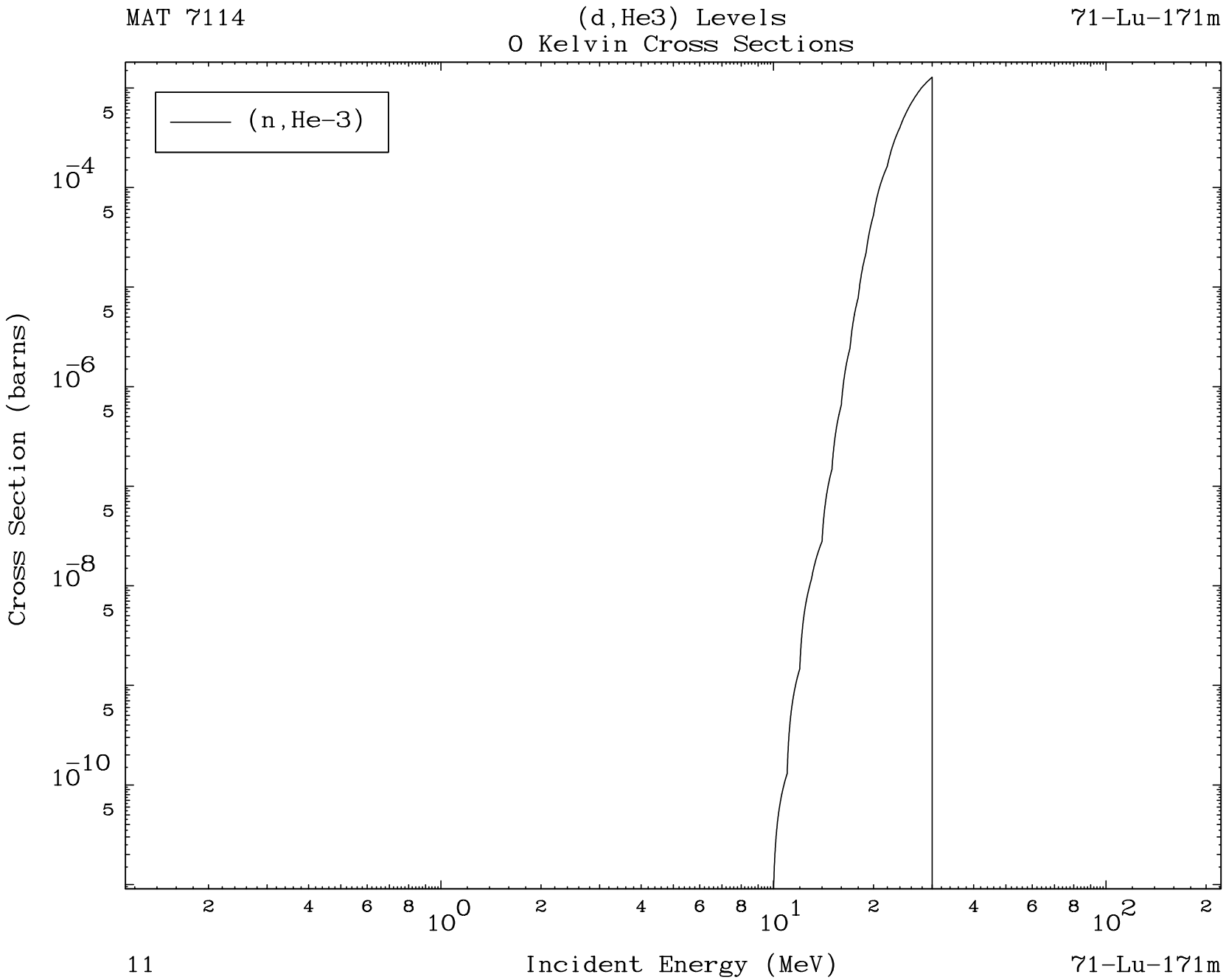

MAT 7114
Deuteron Charged Particle
0 Kelvin Cross Sections
71-Lu-171m
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
71-Lu-171m

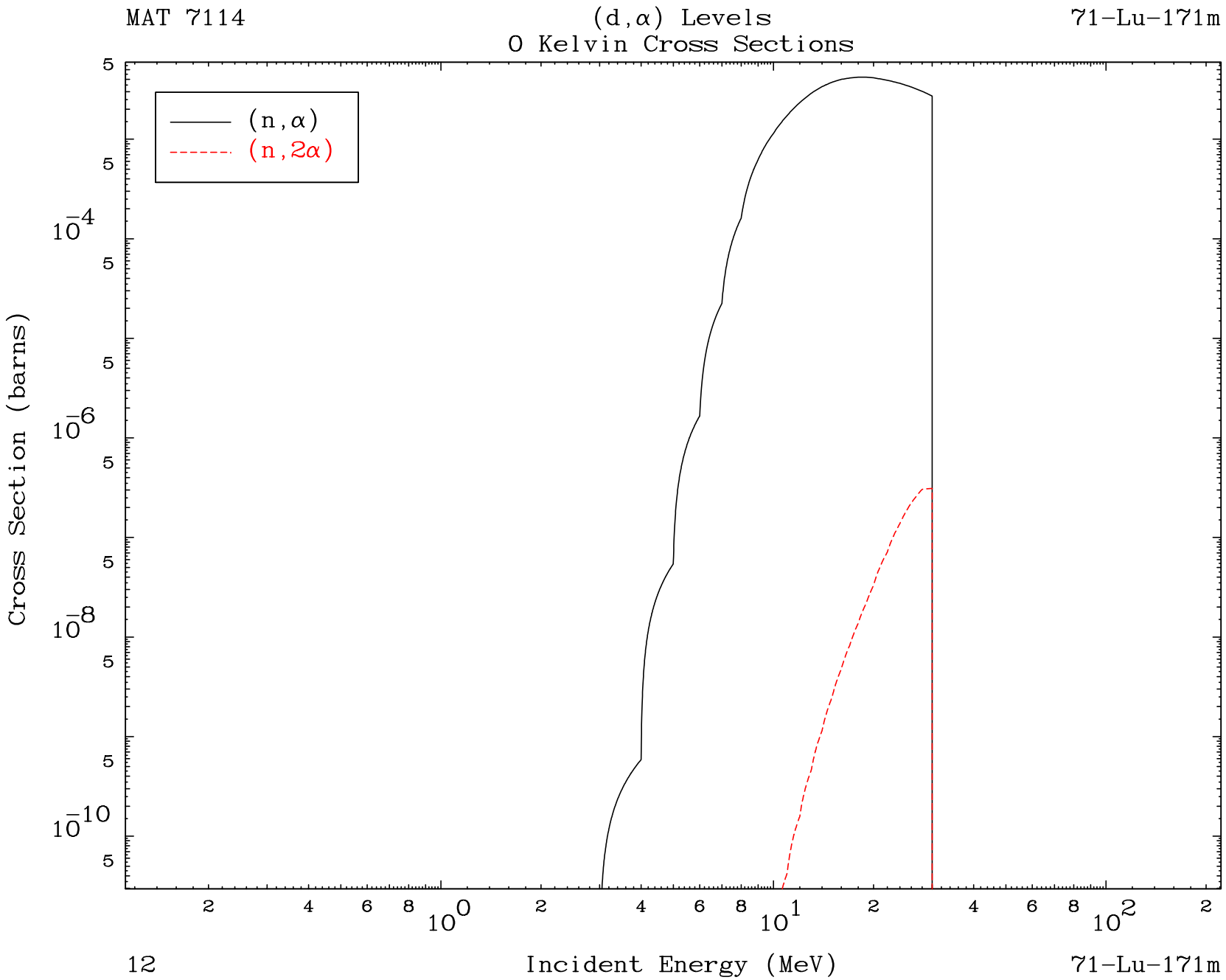

MAT 7114
Deuteron Charged Particle
0 Kelvin Cross Sections
71-Lu-171m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
71-Lu-171m

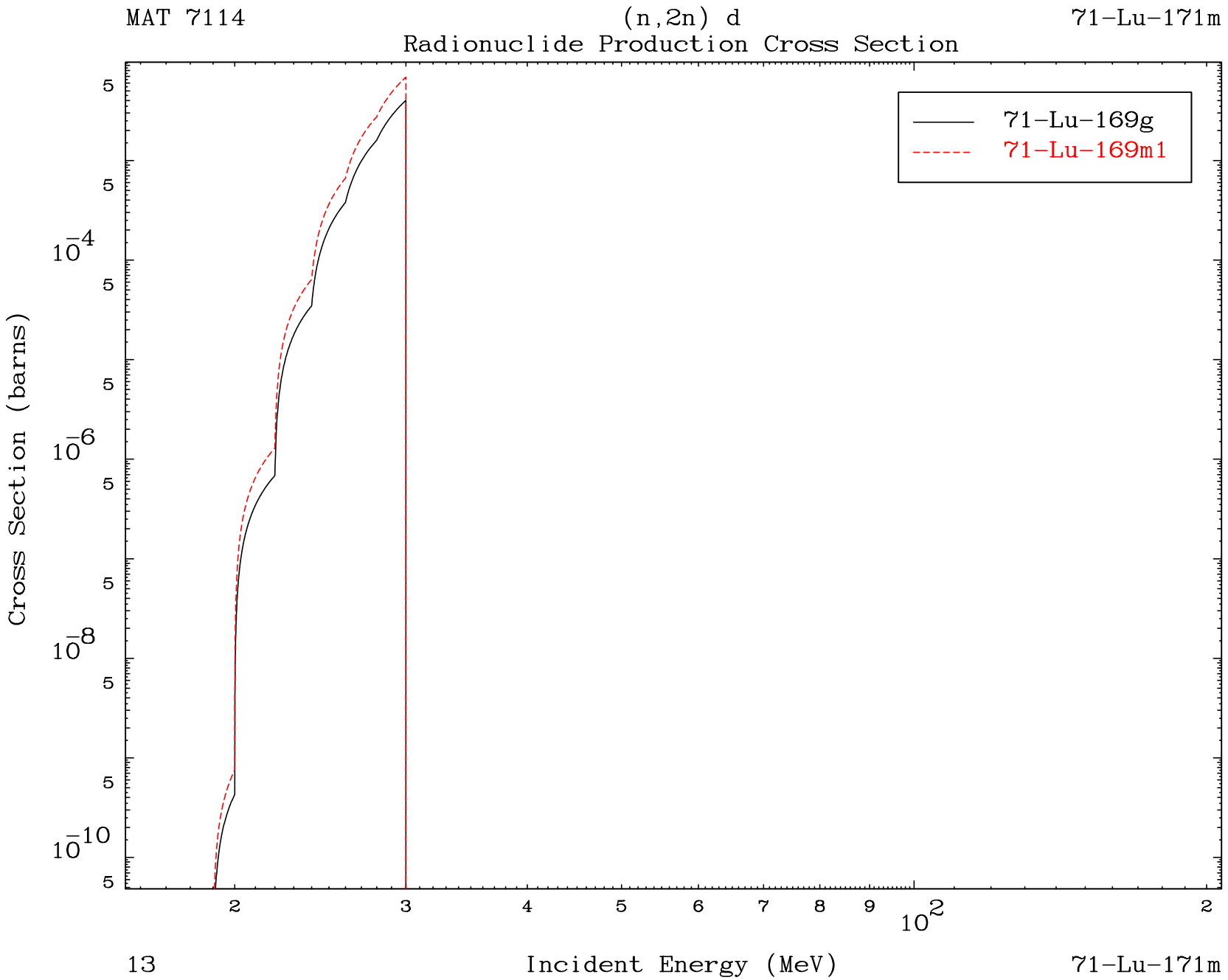

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

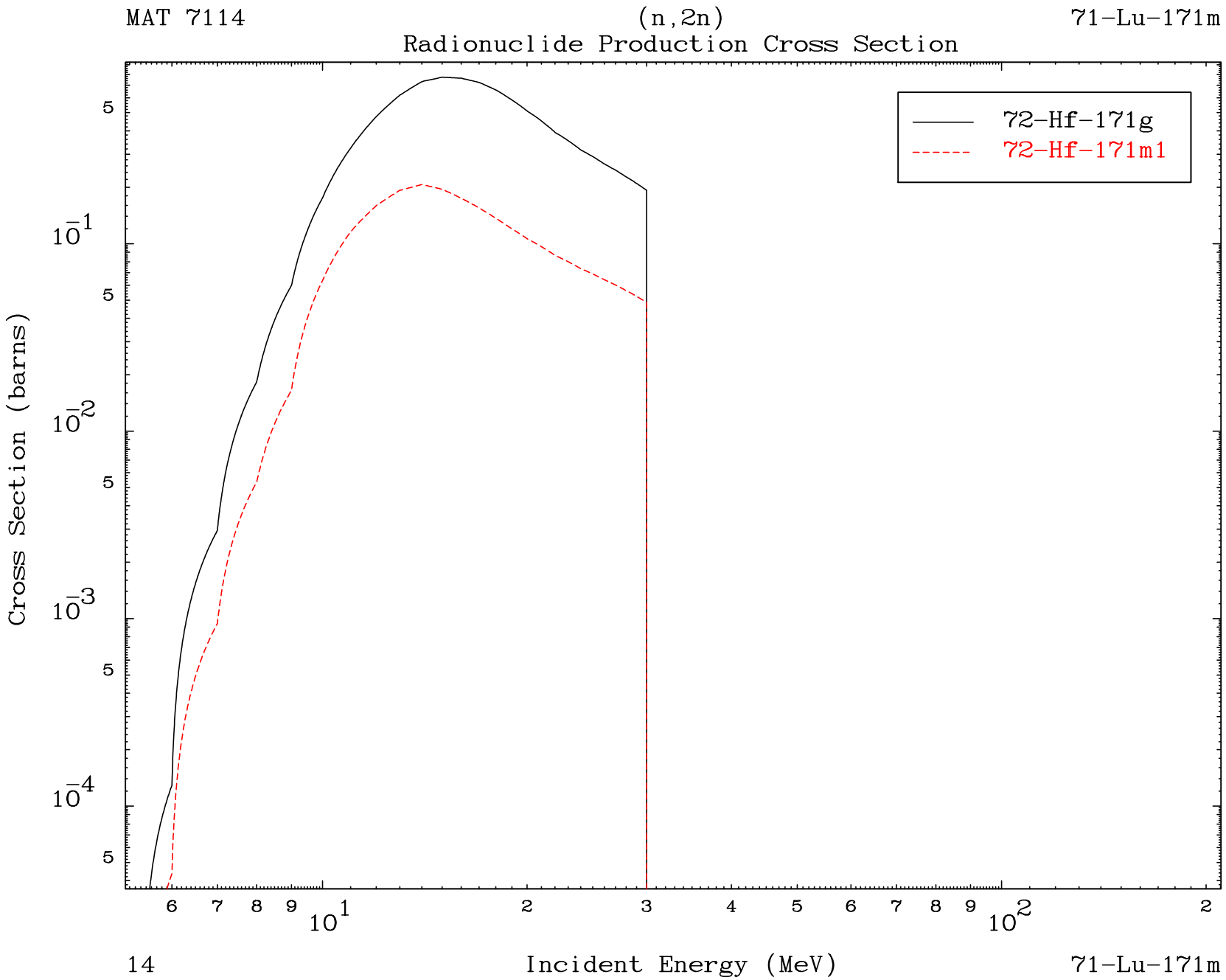

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

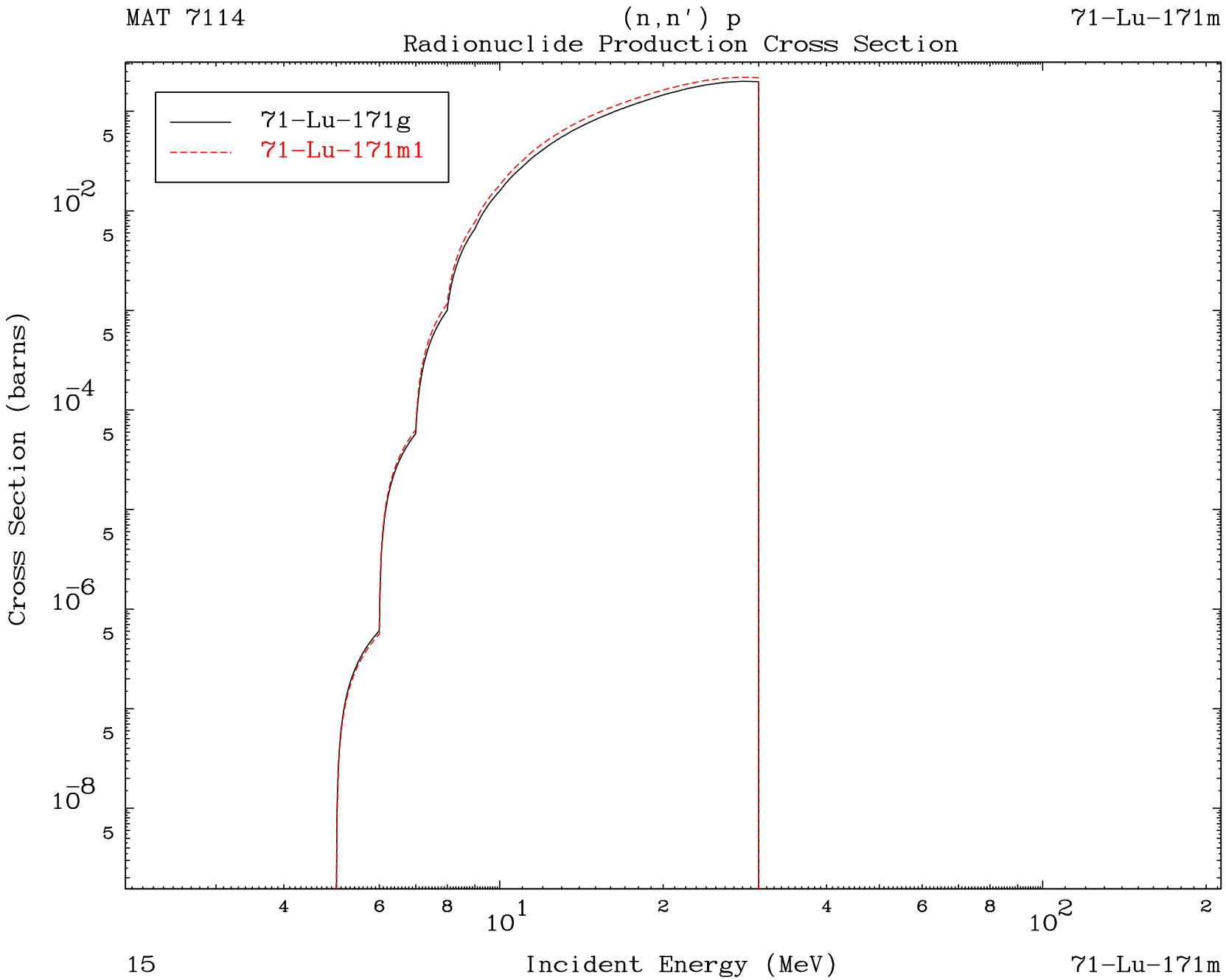

MAT 7114
(d,t) Levels
71-Lu-171m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-171m

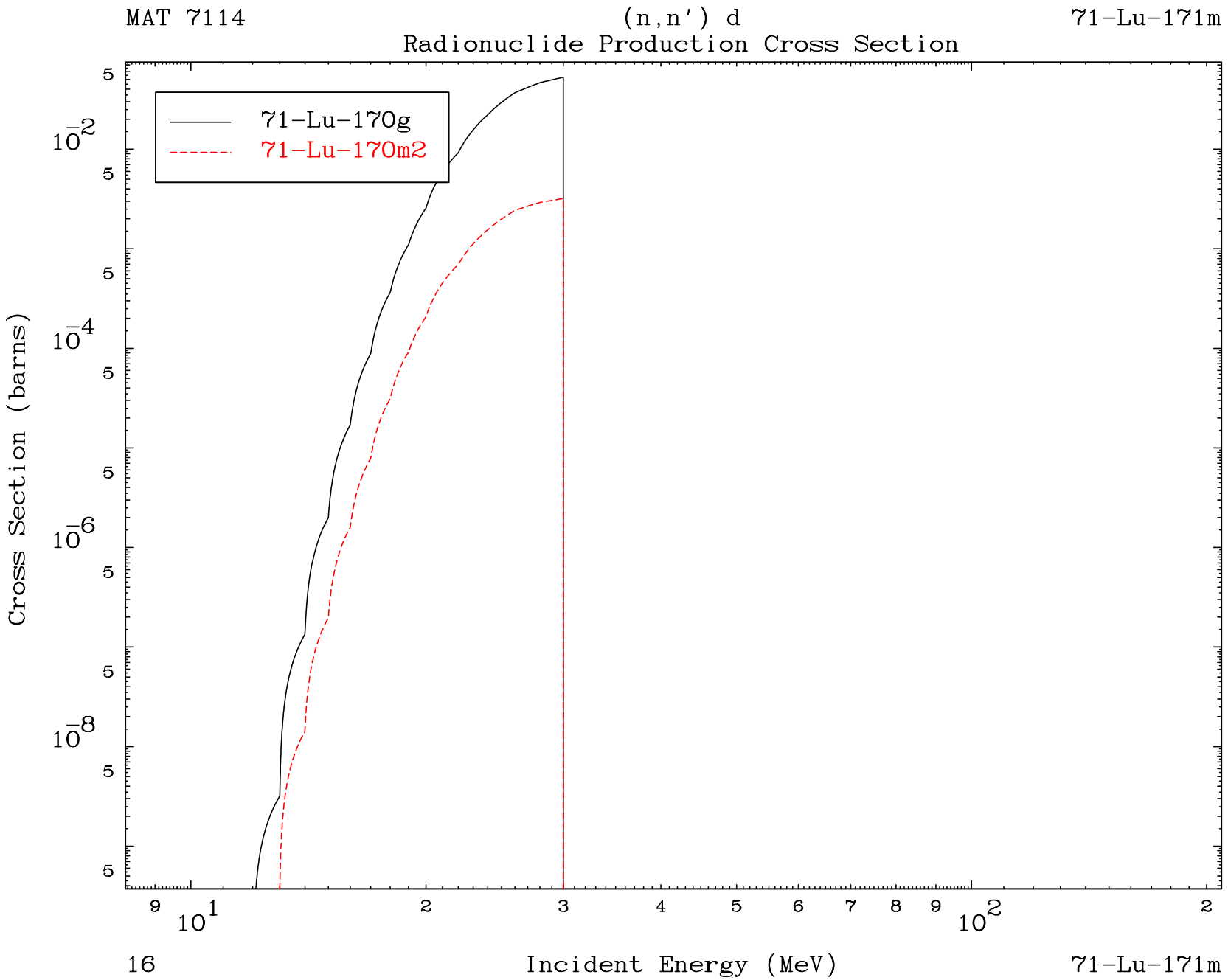

MAT 7114
(d,He3) Levels
71-Lu-171m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
71-Lu-171m

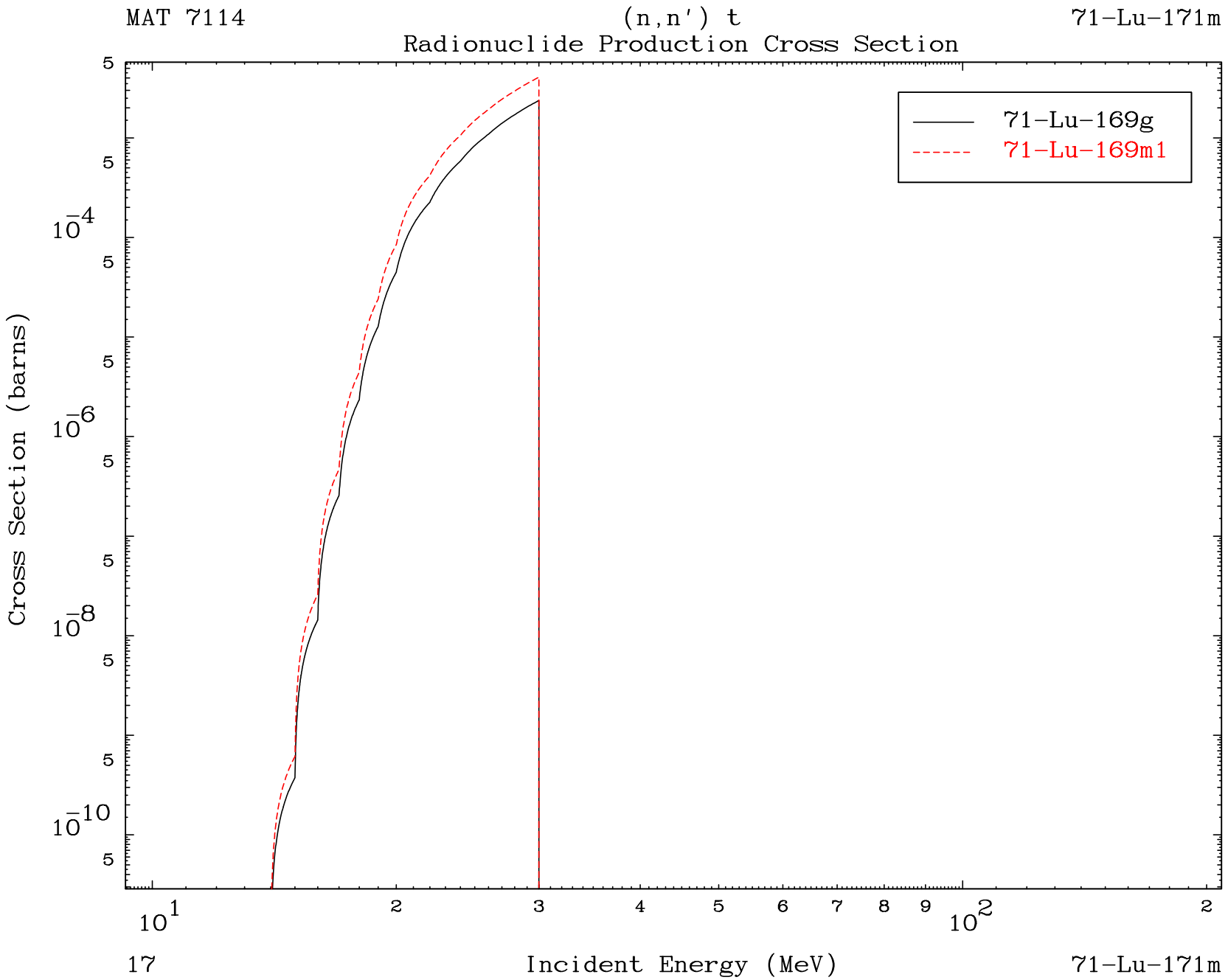

MAT 7114
(d,α) Levels
71-Lu-171m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
71-Lu-171m

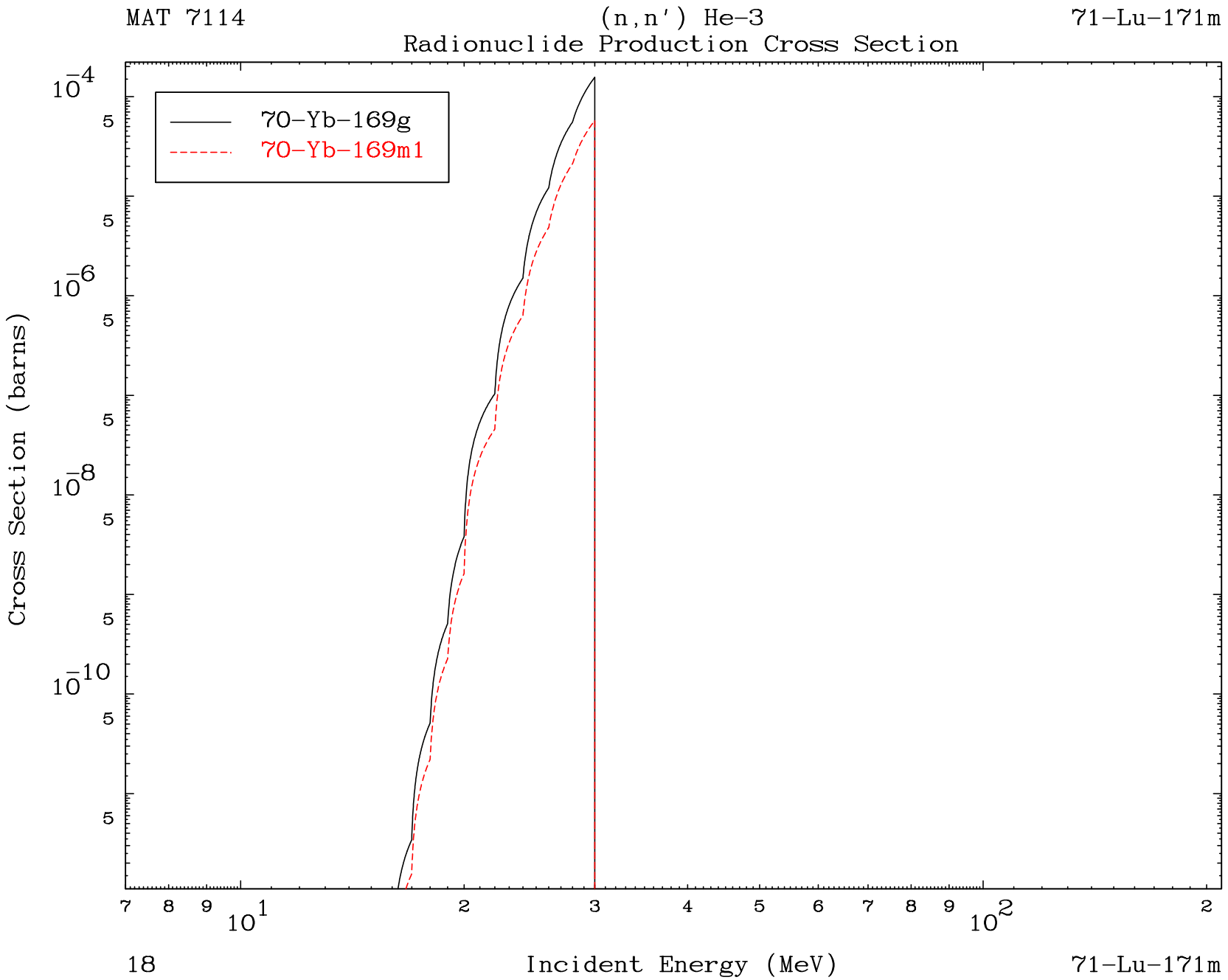

MAT 7114
(n,2n) d
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-169g
71-Lu-169m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
71-Lu-171m

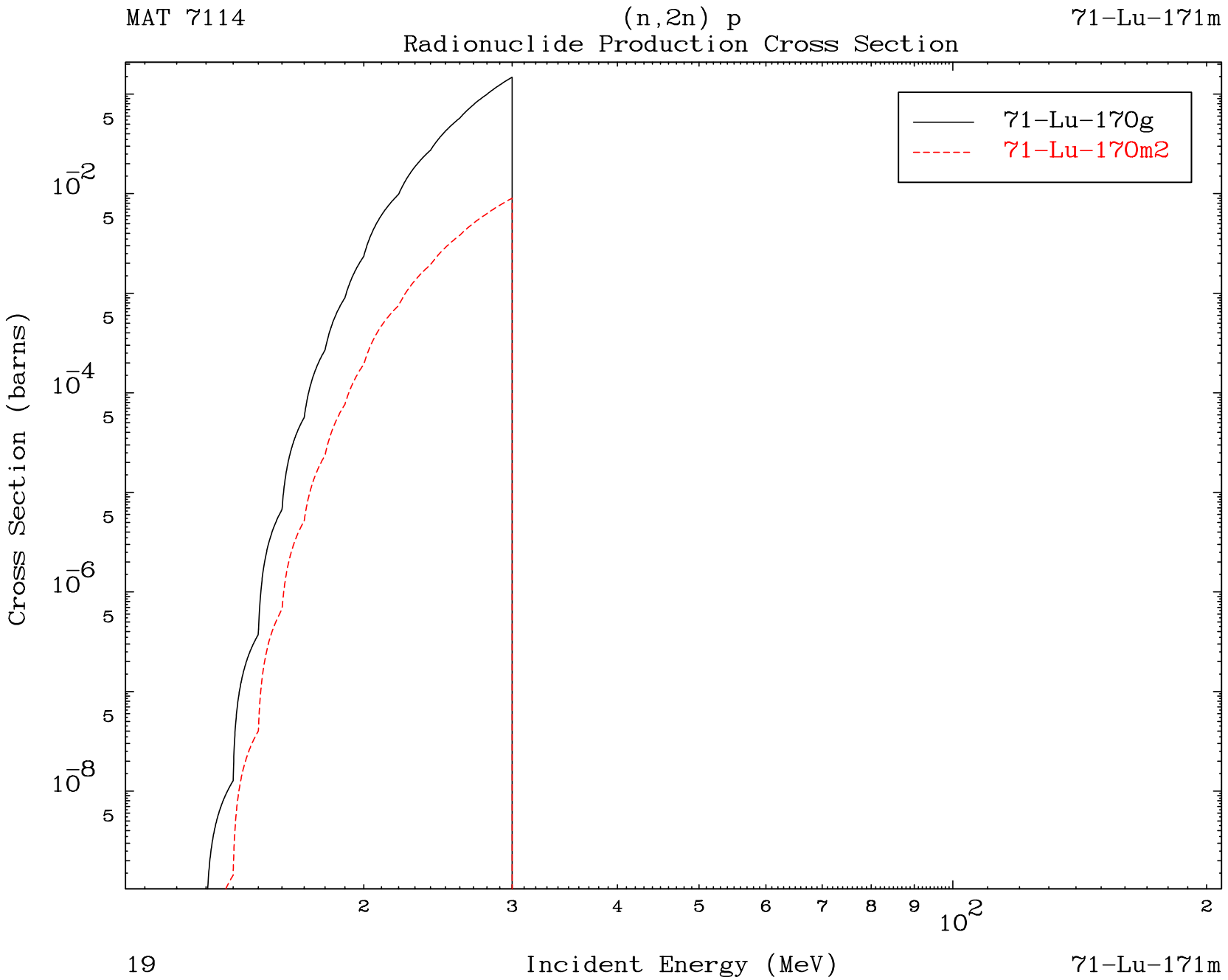

MAT 7114
(n,2n)
71-Lu-171m
Radionuclide Production Cross Section
72-Hf-171g
72-Hf-171m1
Cross Section (barns)
Incident Energy (MeV)
14
71-Lu-171m

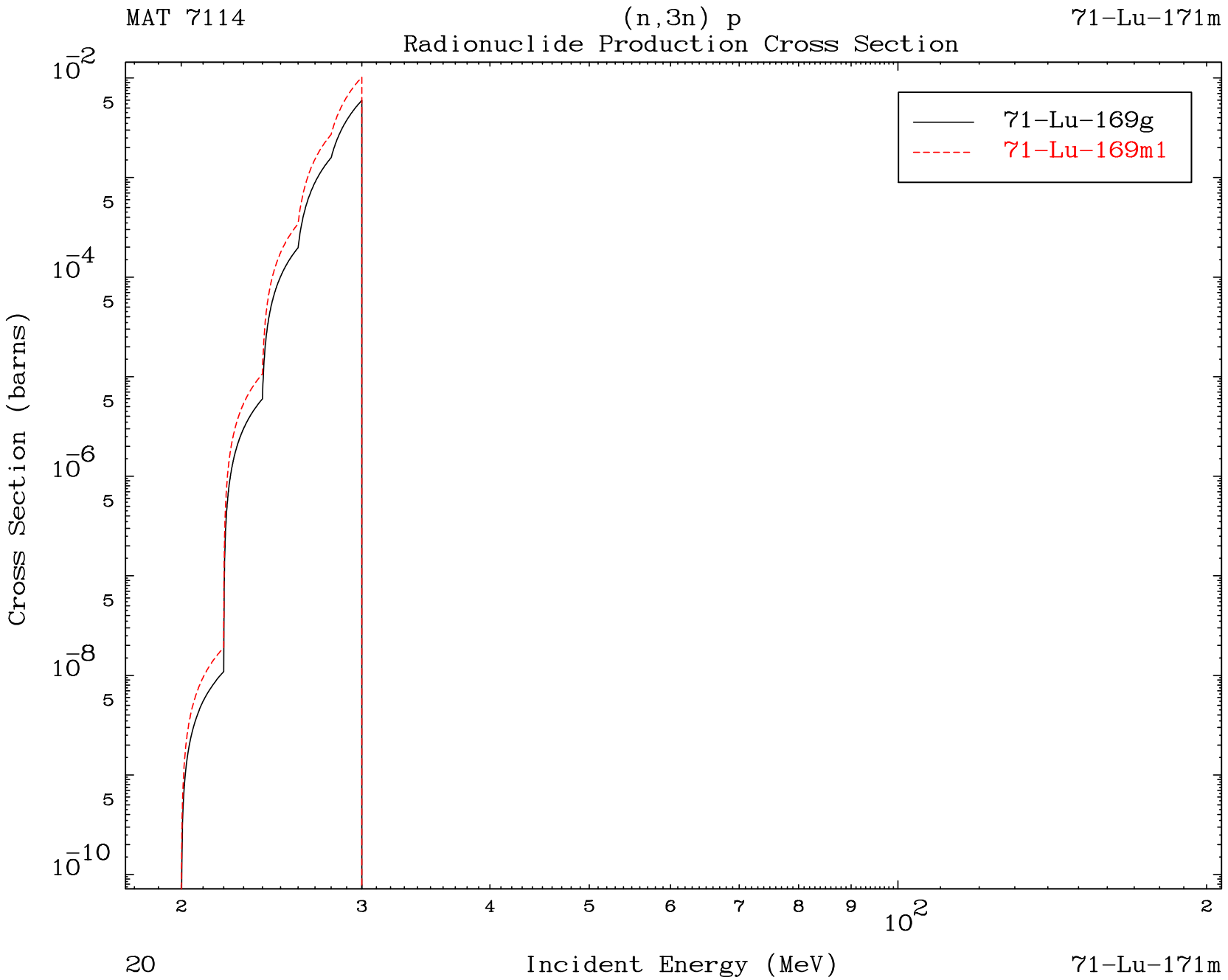

MAT 7114
(n,n') p
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-171g
71-Lu-171m1
Cross Section (barns)
10-2
10-4
10-6
10-8
4
6
8
101
2
4
6
8
102
2
15
Incident Energy (MeV)
71-Lu-171m

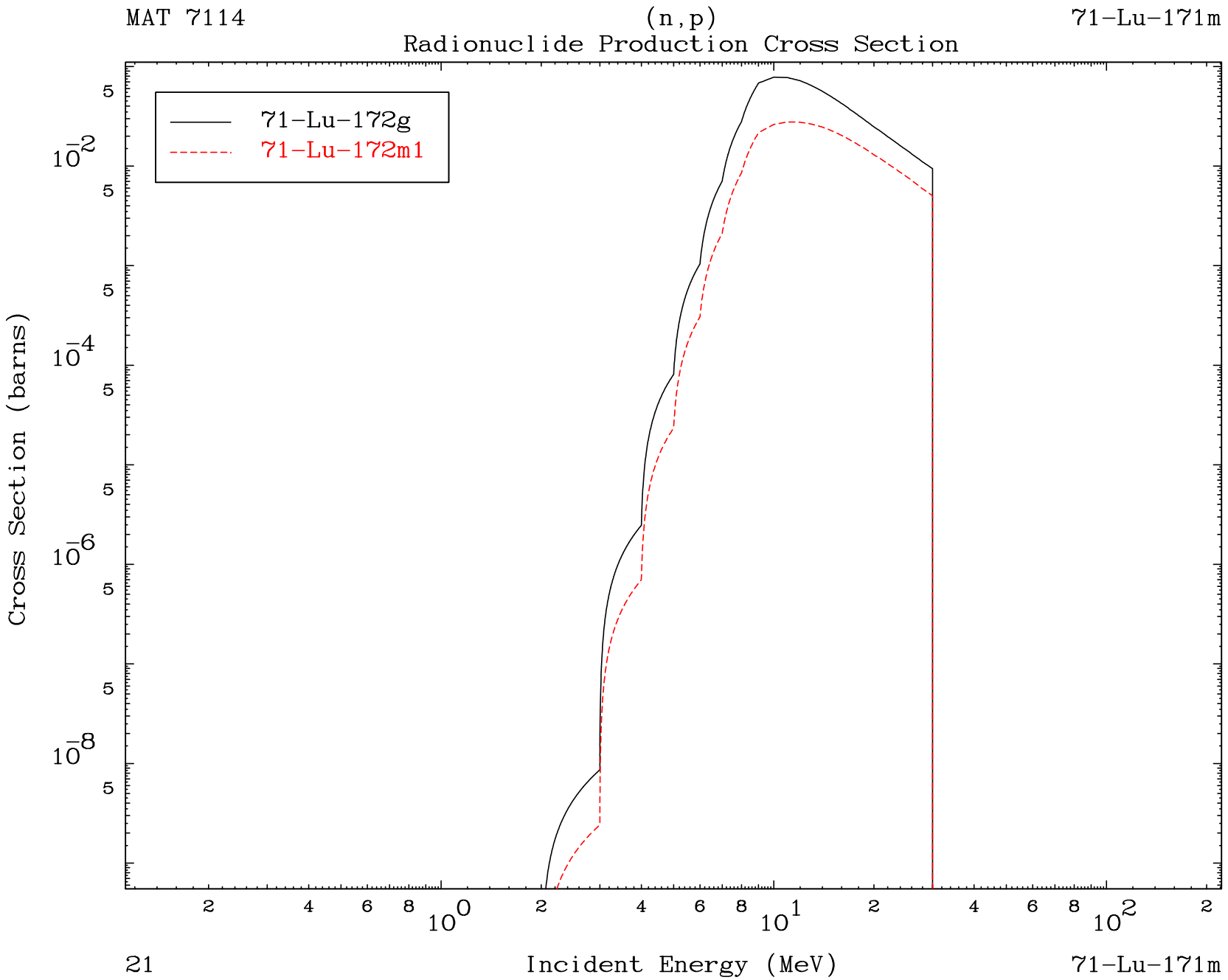

MAT 7114
(n,n') d
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-170g
71-Lu-170m2
Cross Section (barns)
Incident Energy (MeV)
16
71-Lu-171m

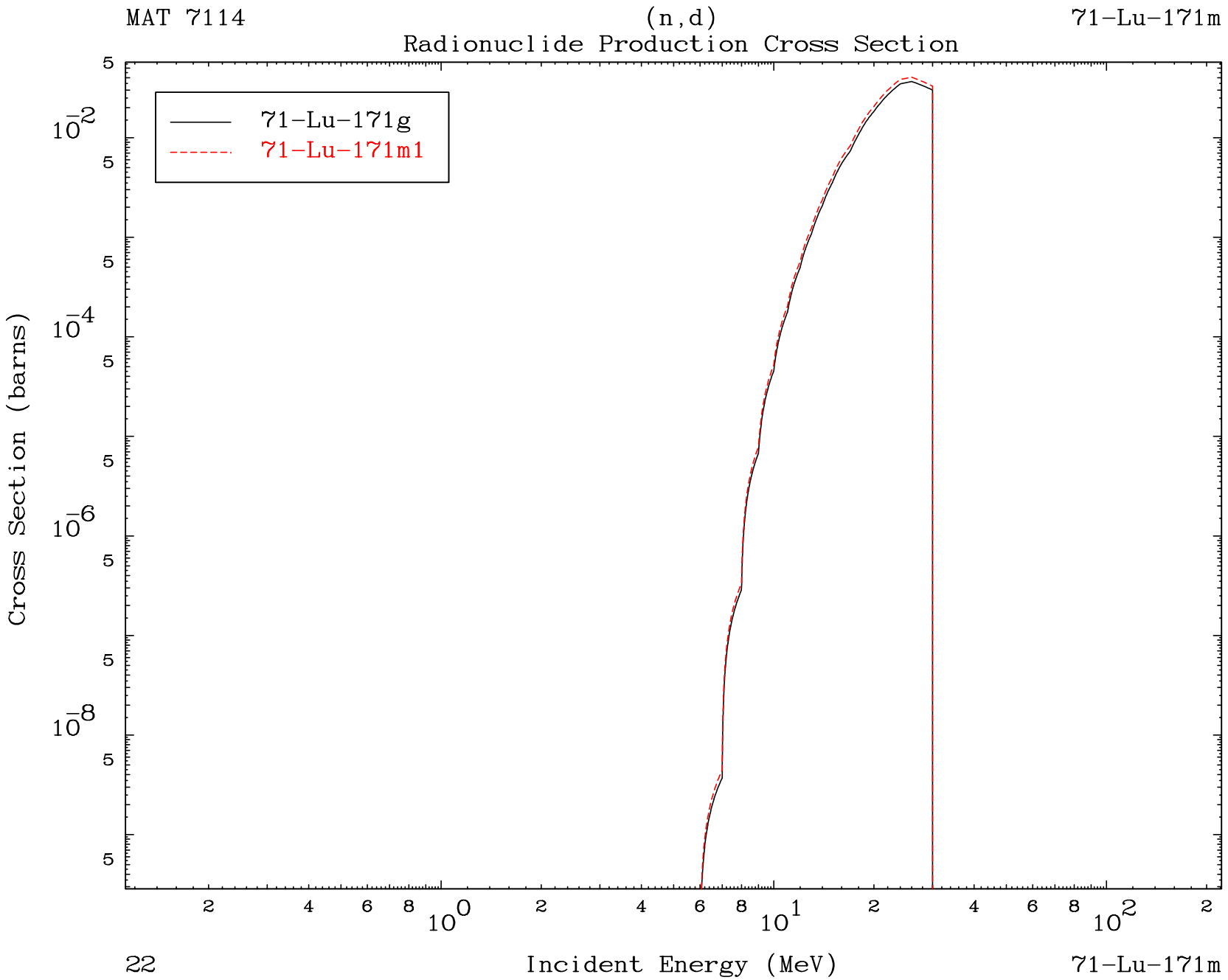

MAT 7114
(n,n') t
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-169g
71-Lu-169m1
Cross Section (barns)
Incident Energy (MeV)
71-Lu-171m
17

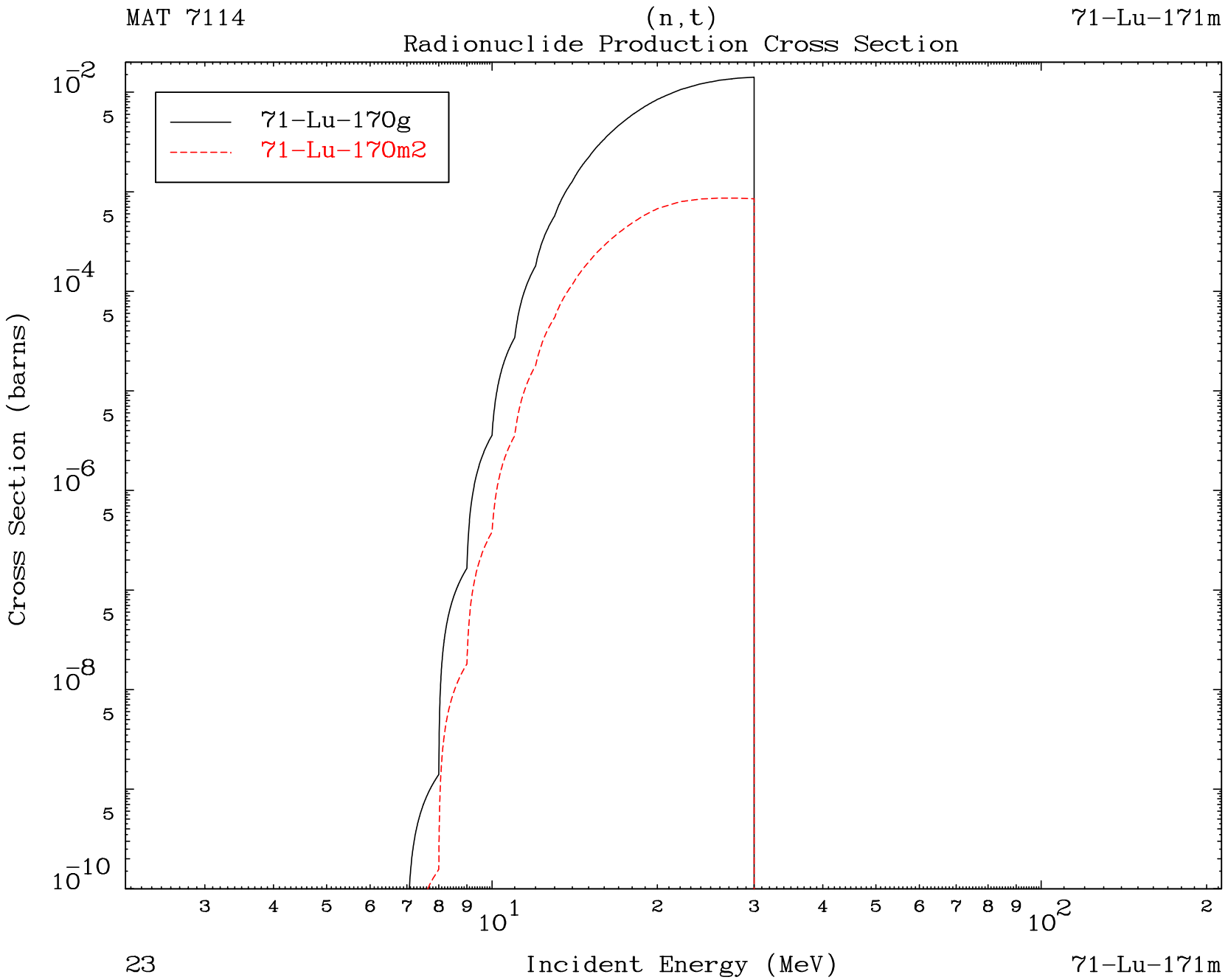

MAT 7114
(n,n') He-3
71-Lu-171m
Radionuclide Production Cross Section
70-Yb-169g
70-Yb-169m1
Cross Section (barns)
Incident Energy (MeV)
18
71-Lu-171m

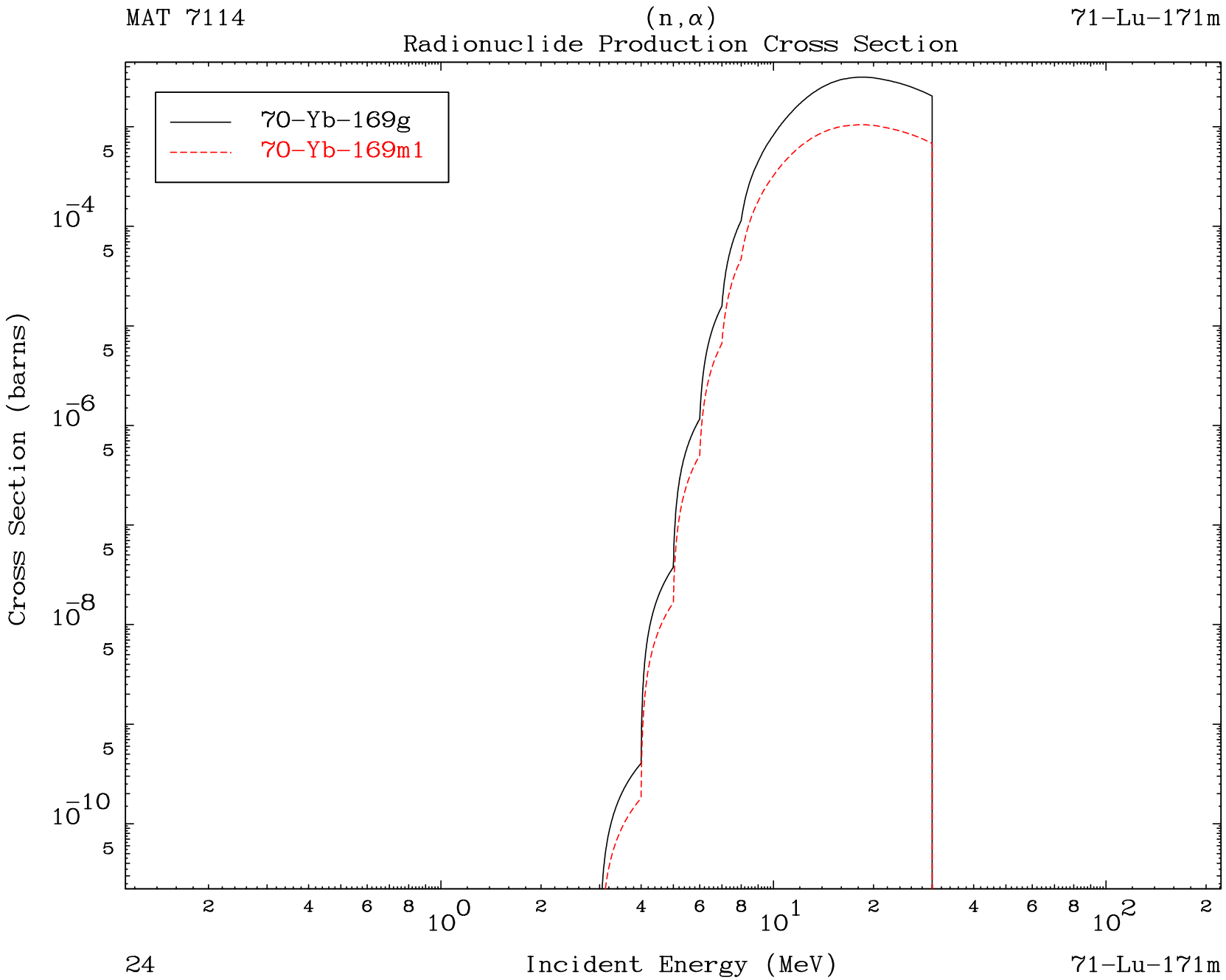

MAT 7114
(n,2n) p
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-170g
71-Lu-170m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
71-Lu-171m

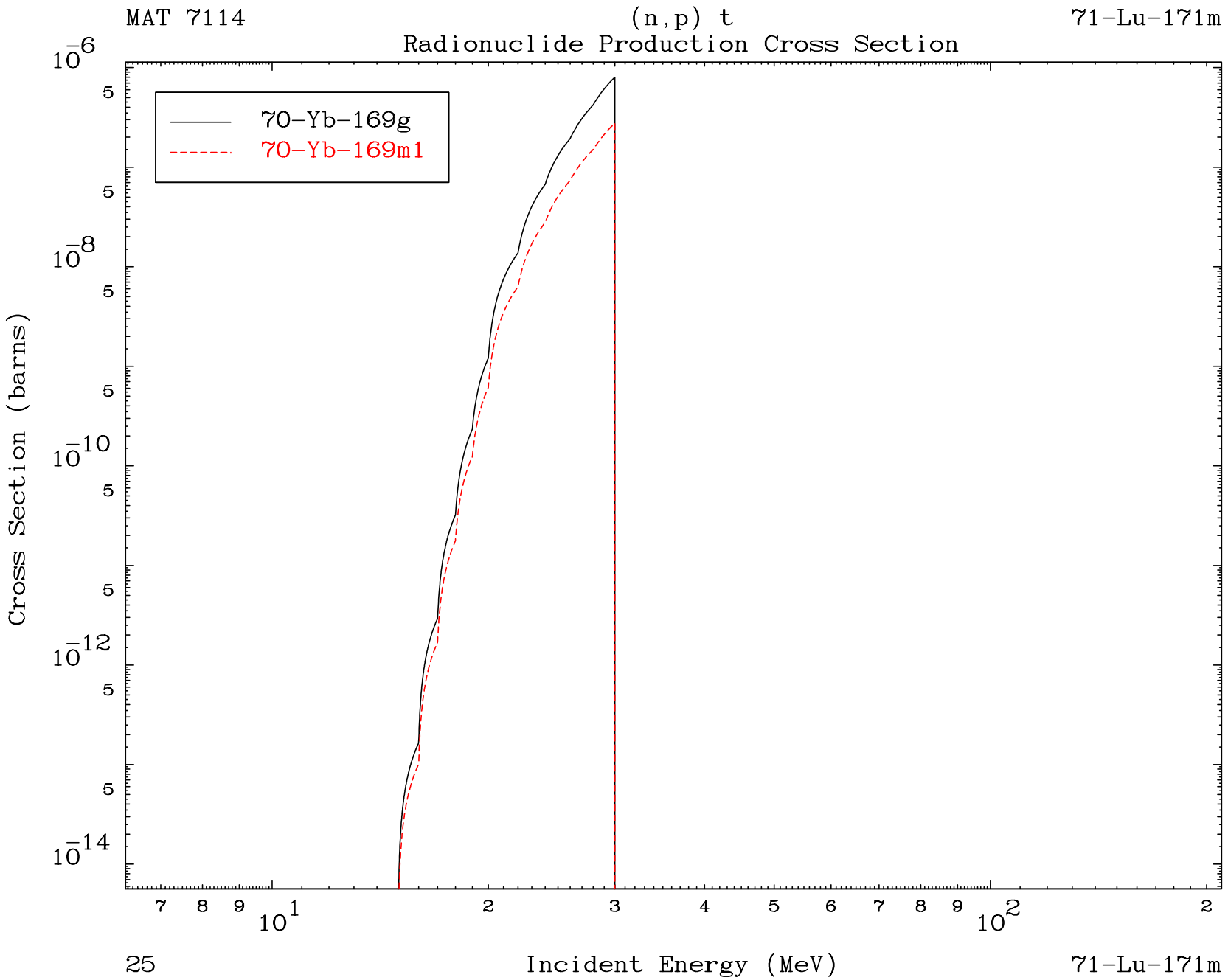

MAT 7114
(n,3n) p
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-169g
71-Lu-169m1
Cross Section (barns)
Incident Energy (MeV)
20
71-Lu-171m


MAT 7114
(n,p)
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-172g
71-Lu-172m1
Cross Section (barns)
Incident Energy (MeV)
21
71-Lu-171m


MAT 7114
(n,d)
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-171g
71-Lu-171m1
Cross Section (barns)
Incident Energy (MeV)
22
71-Lu-171m


MAT 7114
(n,t)
71-Lu-171m
Radionuclide Production Cross Section
71-Lu-170g
71-Lu-170m2
Cross Section (barns)
Incident Energy (MeV)
23
71-Lu-171m


MAT 7114
(n,α)
71-Lu-171m
Radionuclide Production Cross Section
70-Yb-169g
70-Yb-169m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
24
71-Lu-171m


MAT 7114
(n,p) t
71-Lu-171m
Radionuclide Production Cross Section
70-Yb-169g
70-Yb-169m1
Cross Section (barns)
Incident Energy (MeV)
25
71-Lu-171m