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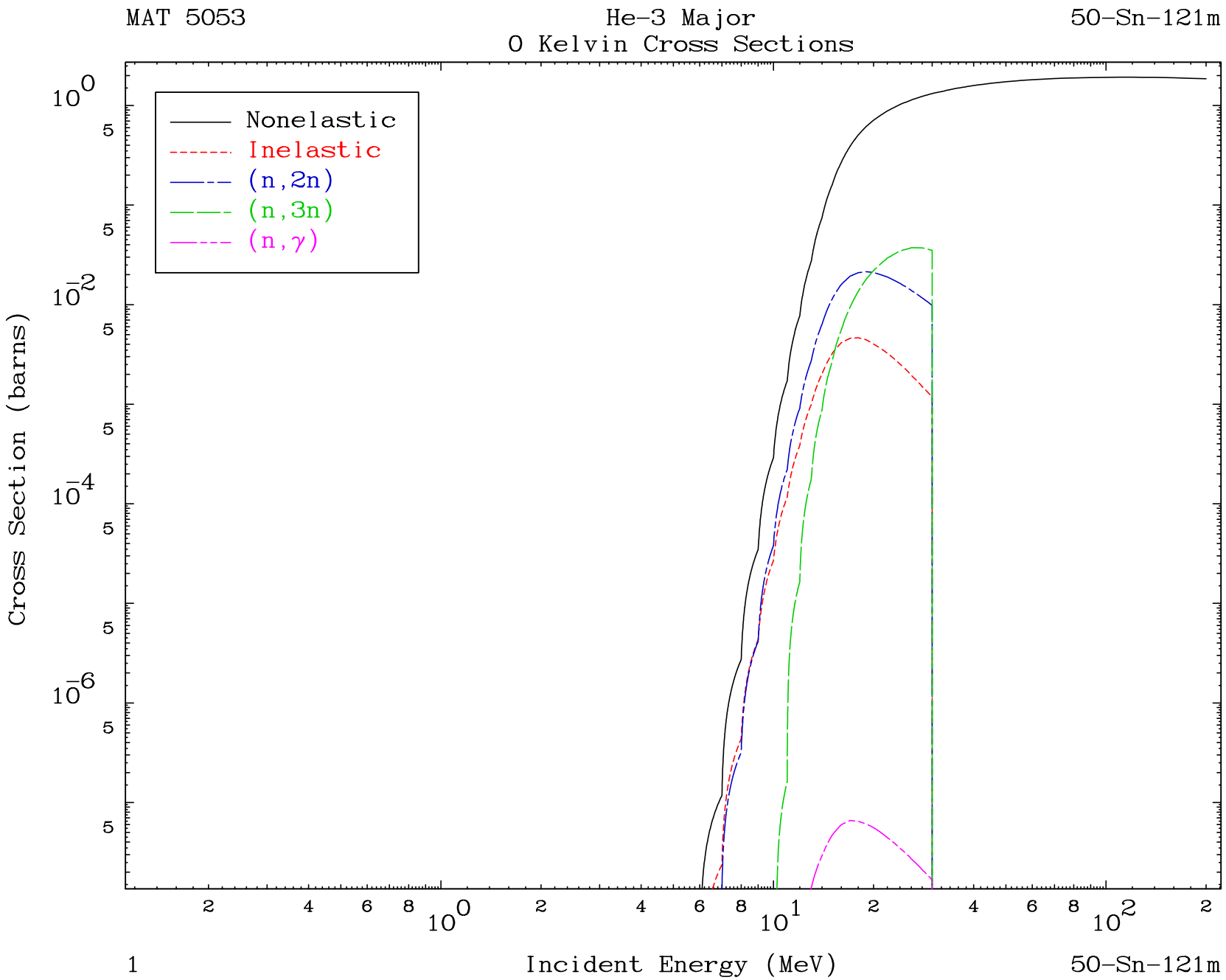
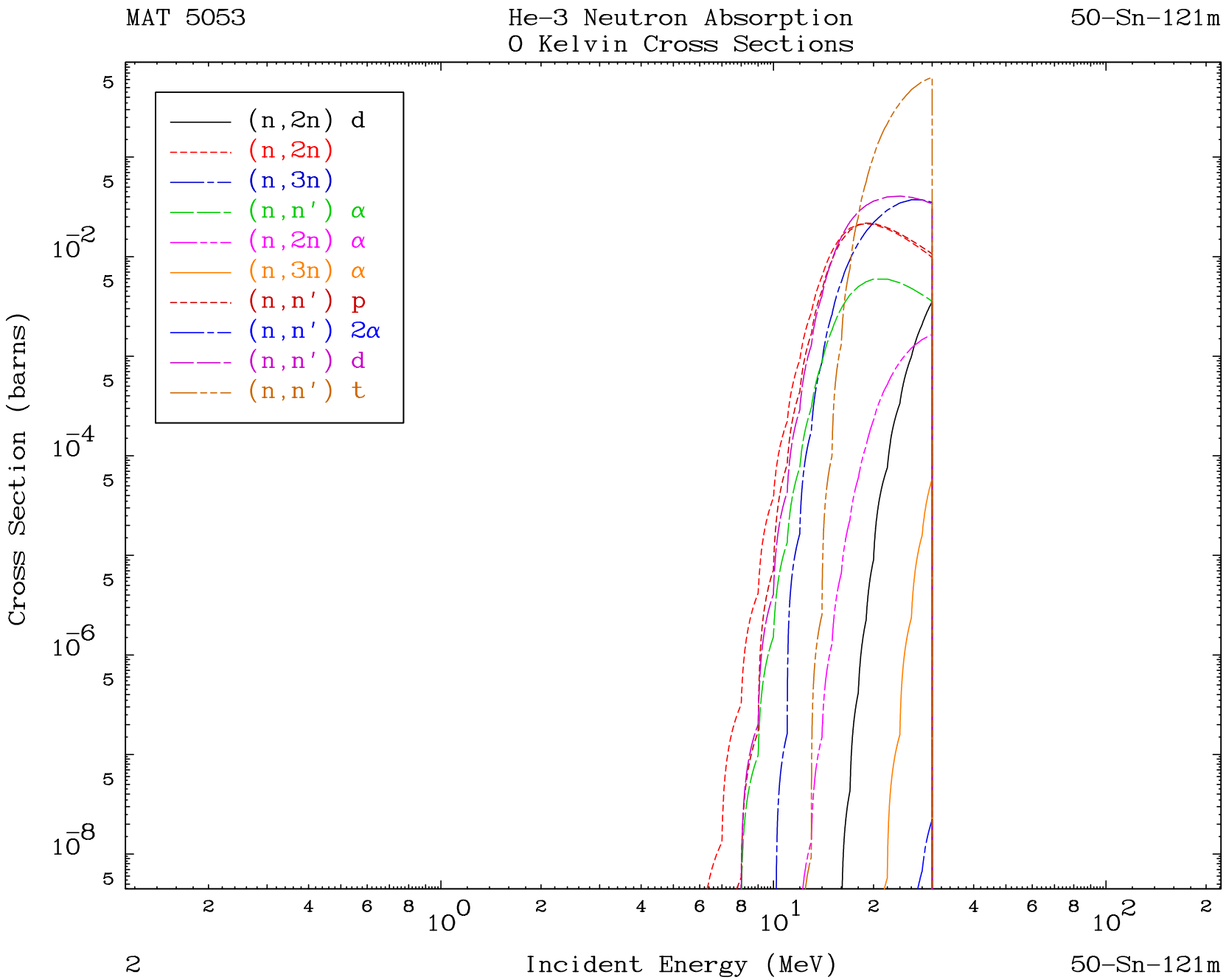
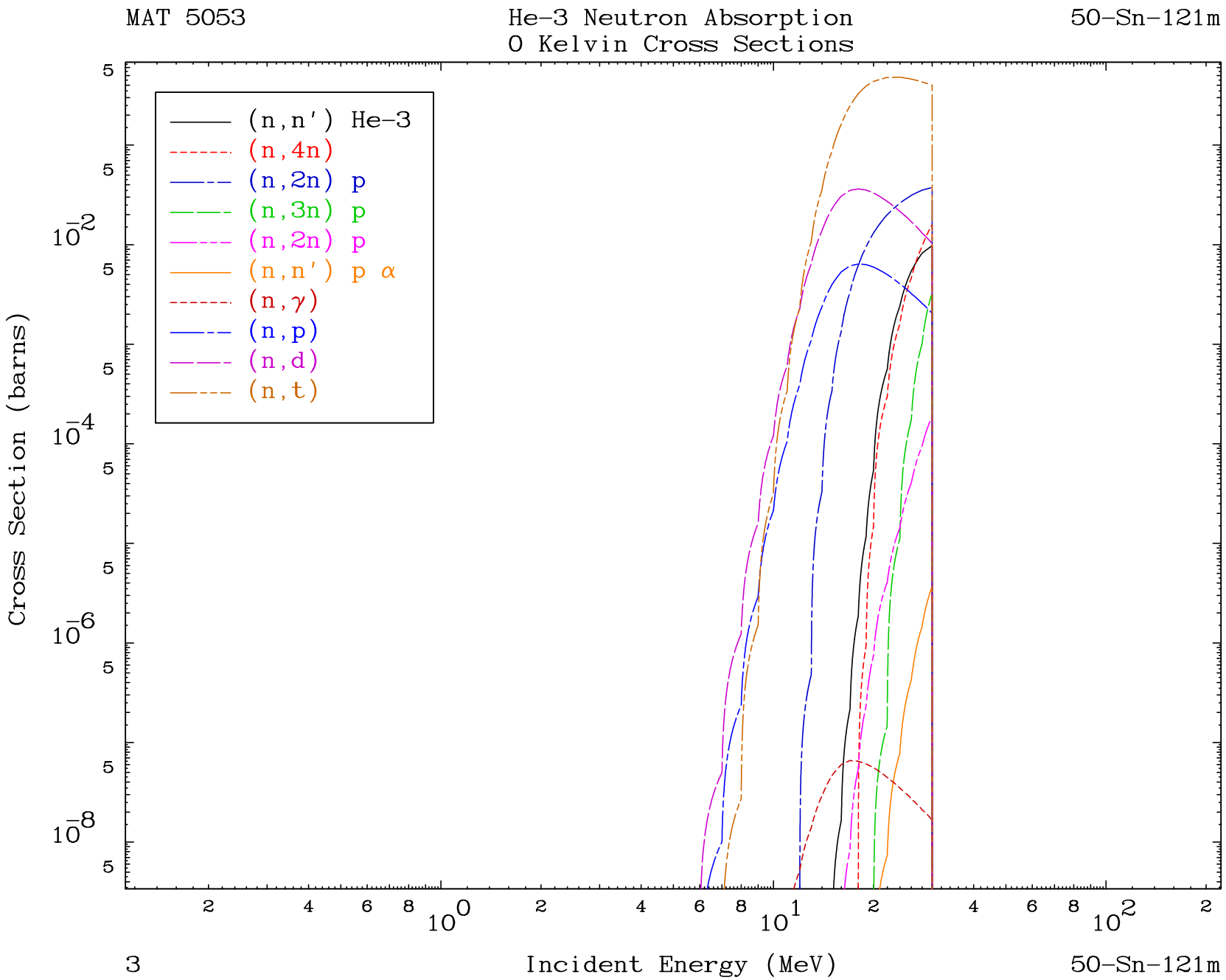
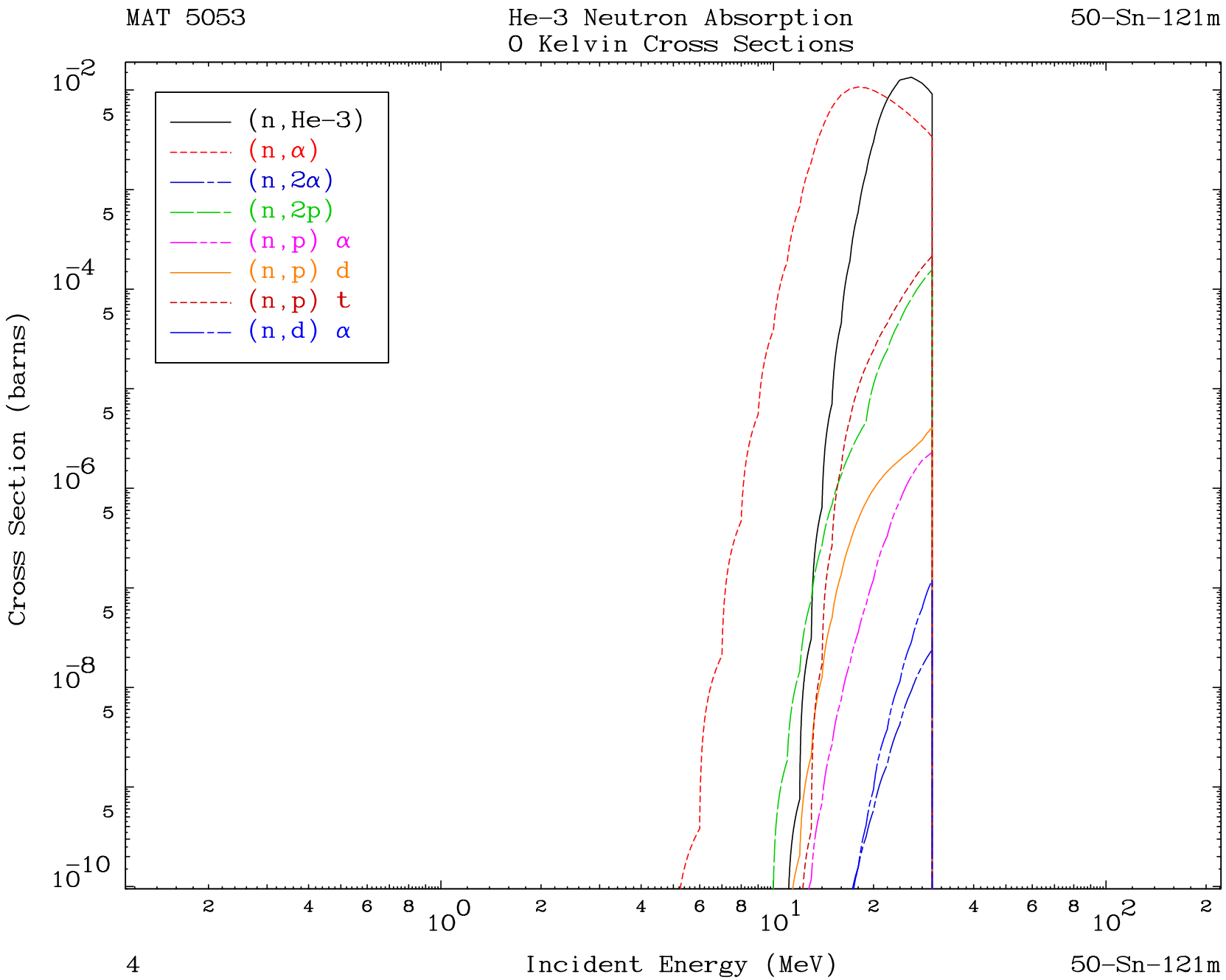
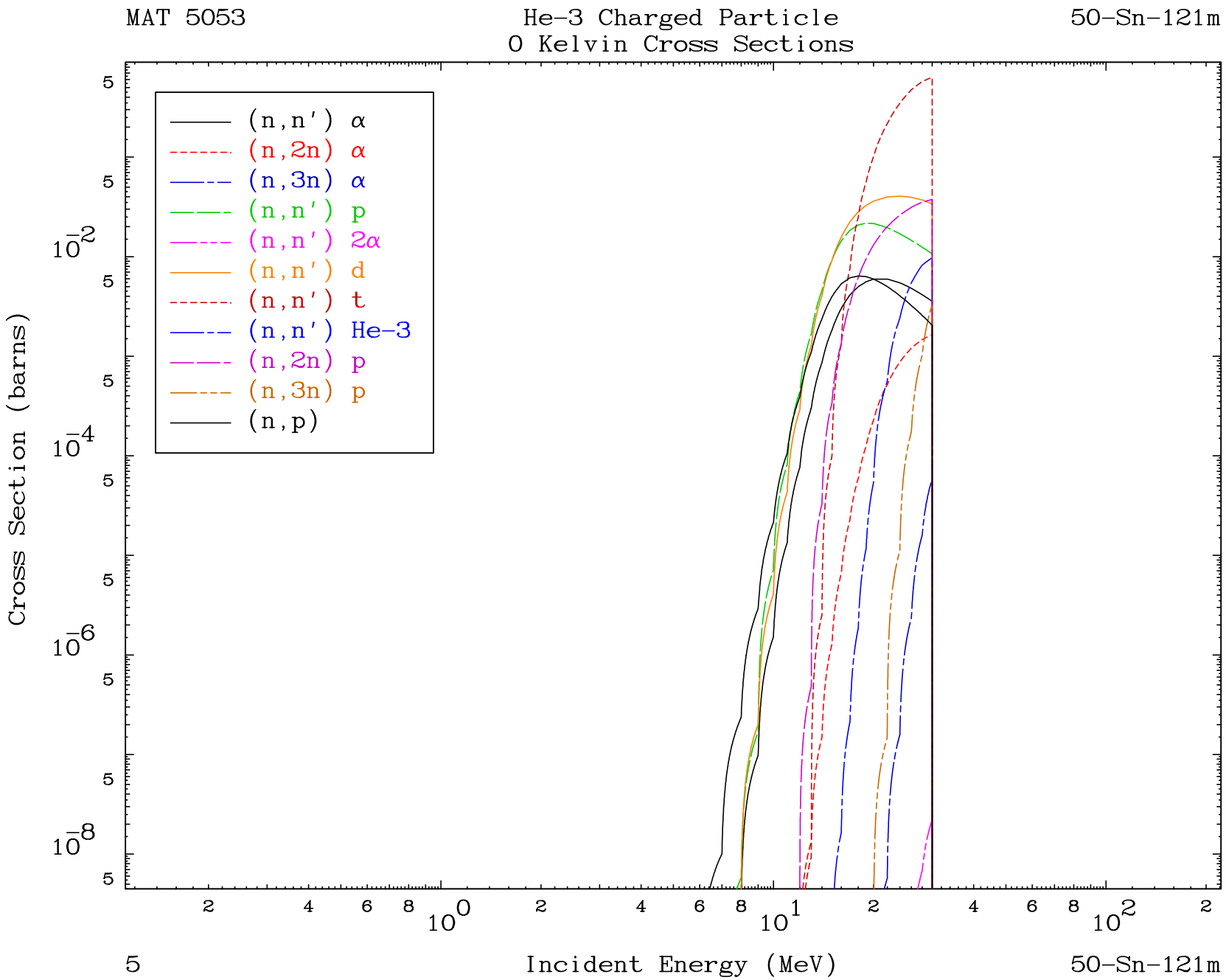
Press Mouse Button to Start

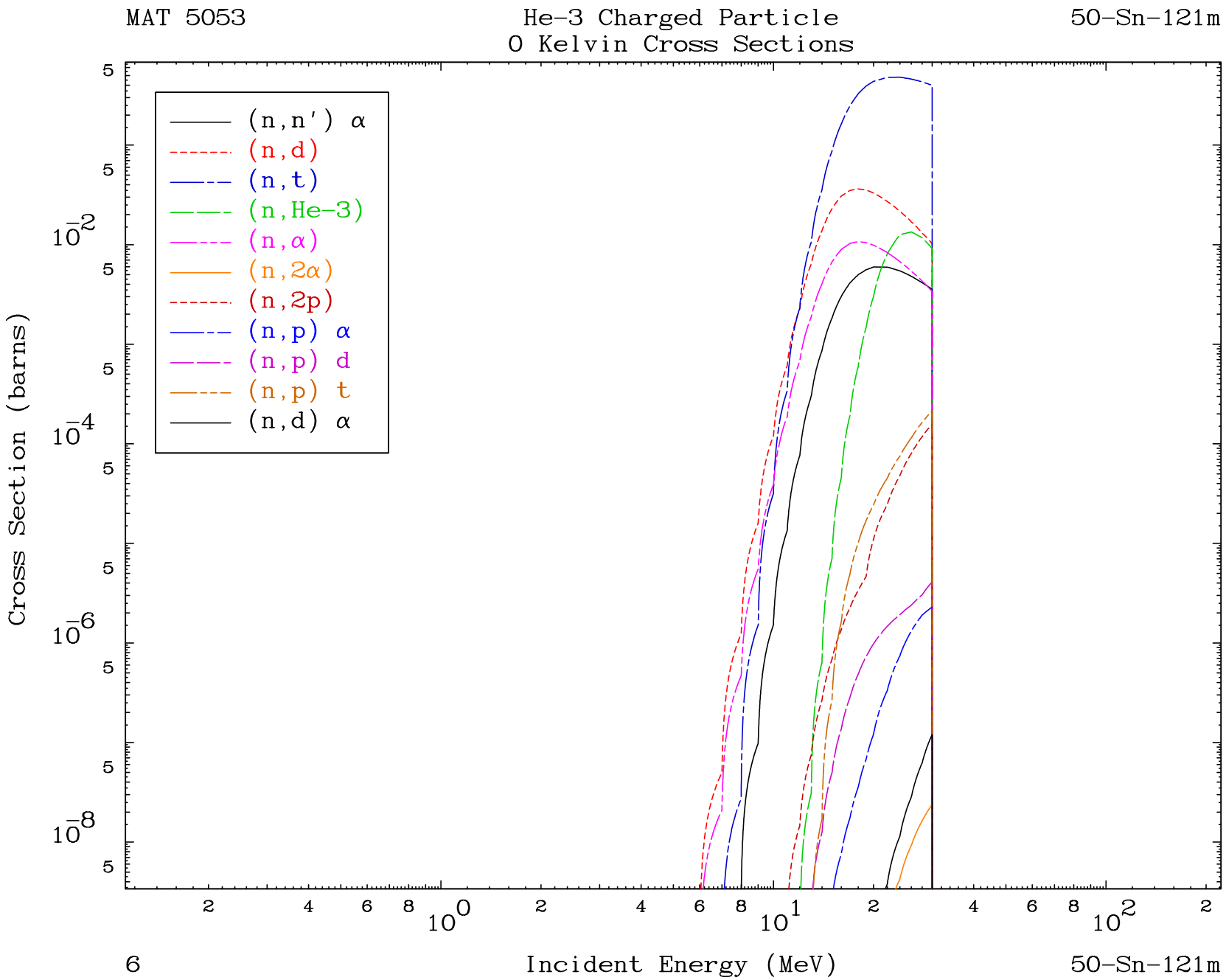

MAT 5053
He-3 Major
50-Sn-121m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121m
1

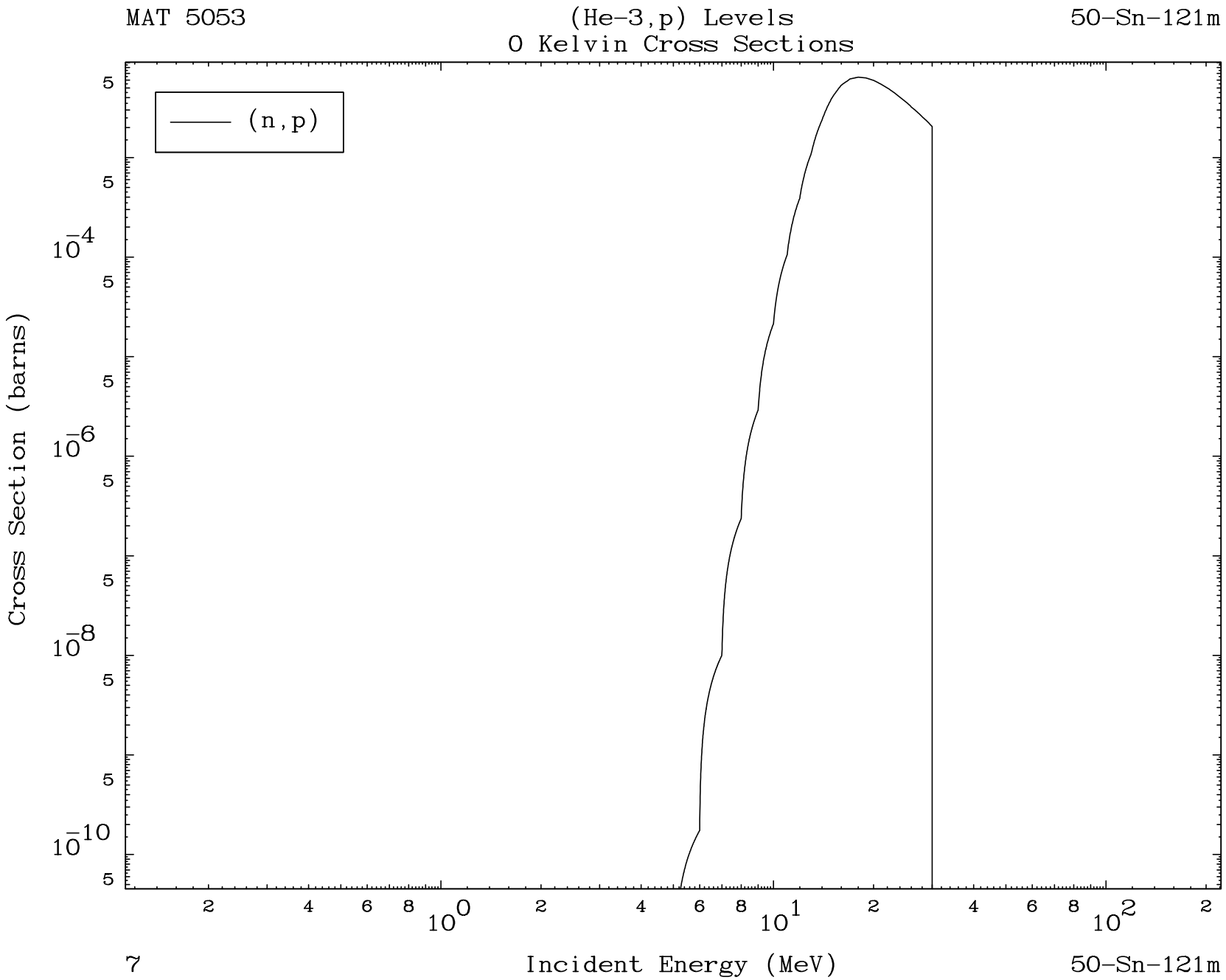

MAT 5053
He-3 Neutron Absorption
0 Kelvin Cross Sections
50-Sn-121m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121m
2

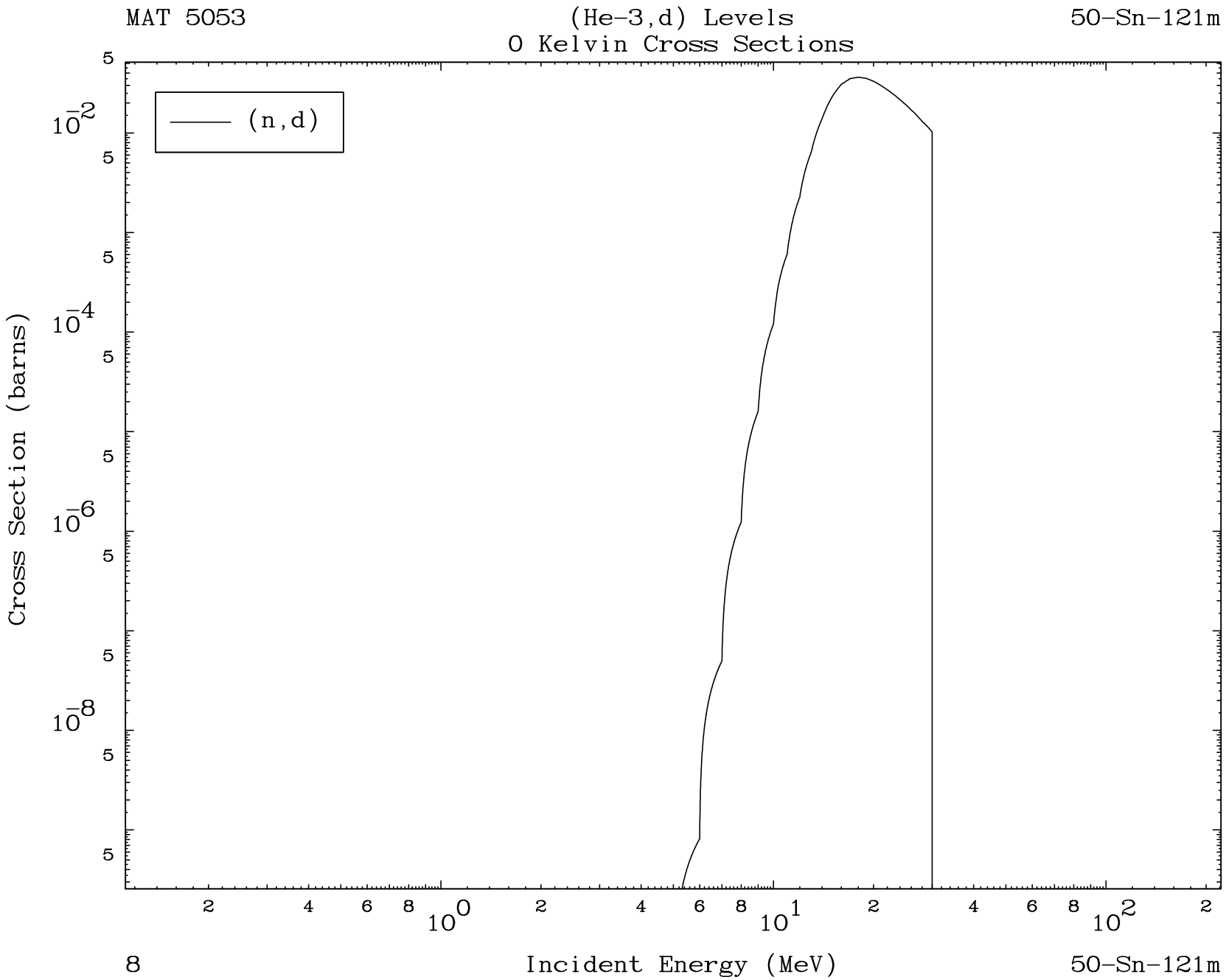

MAT 5053
He-3 Neutron Absorption
0 Kelvin Cross Sections
50-Sn-121m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
50-Sn-121m

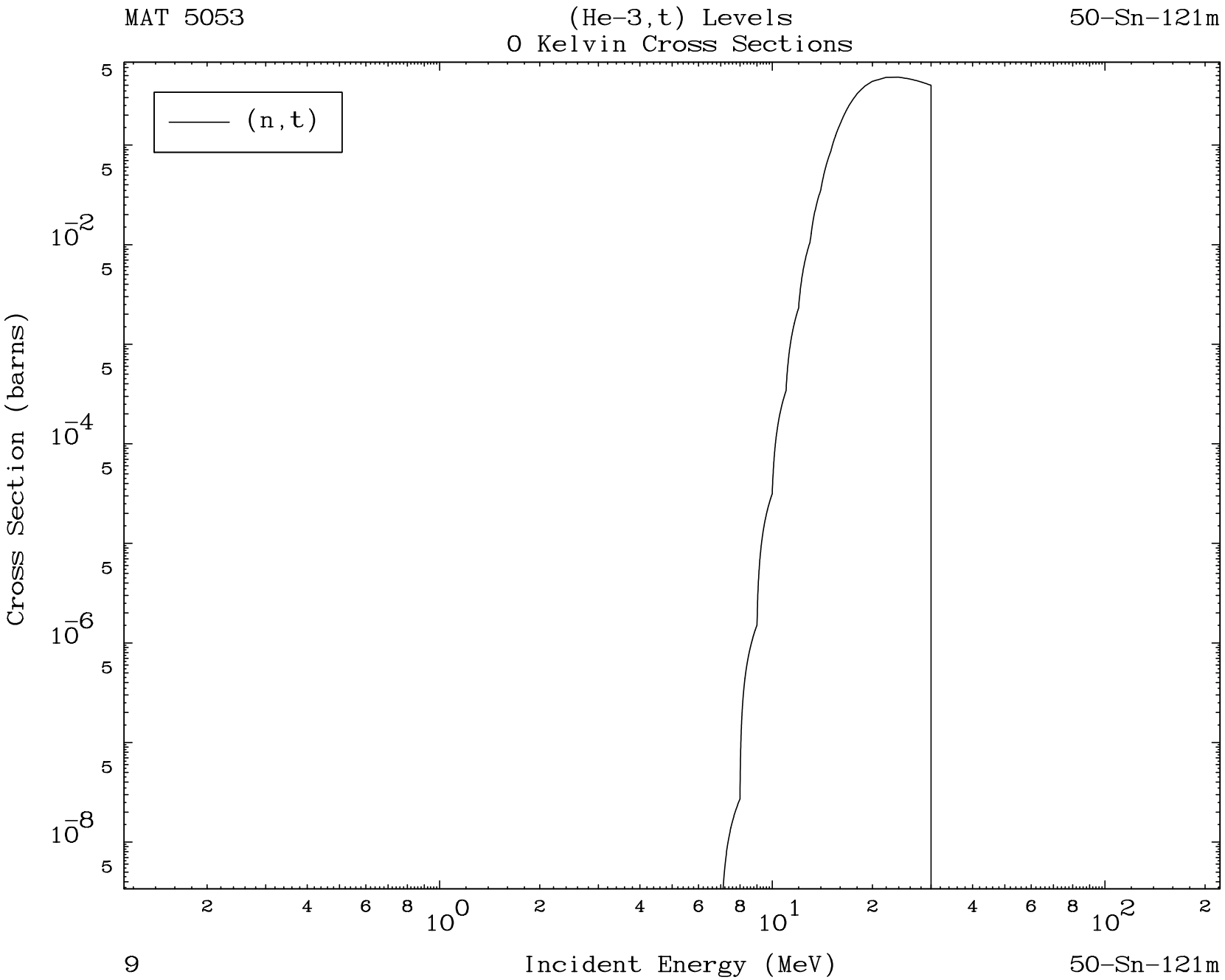

MAT 5053
He-3 Neutron Absorption
0 Kelvin Cross Sections
50-Sn-121m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
50-Sn-121m

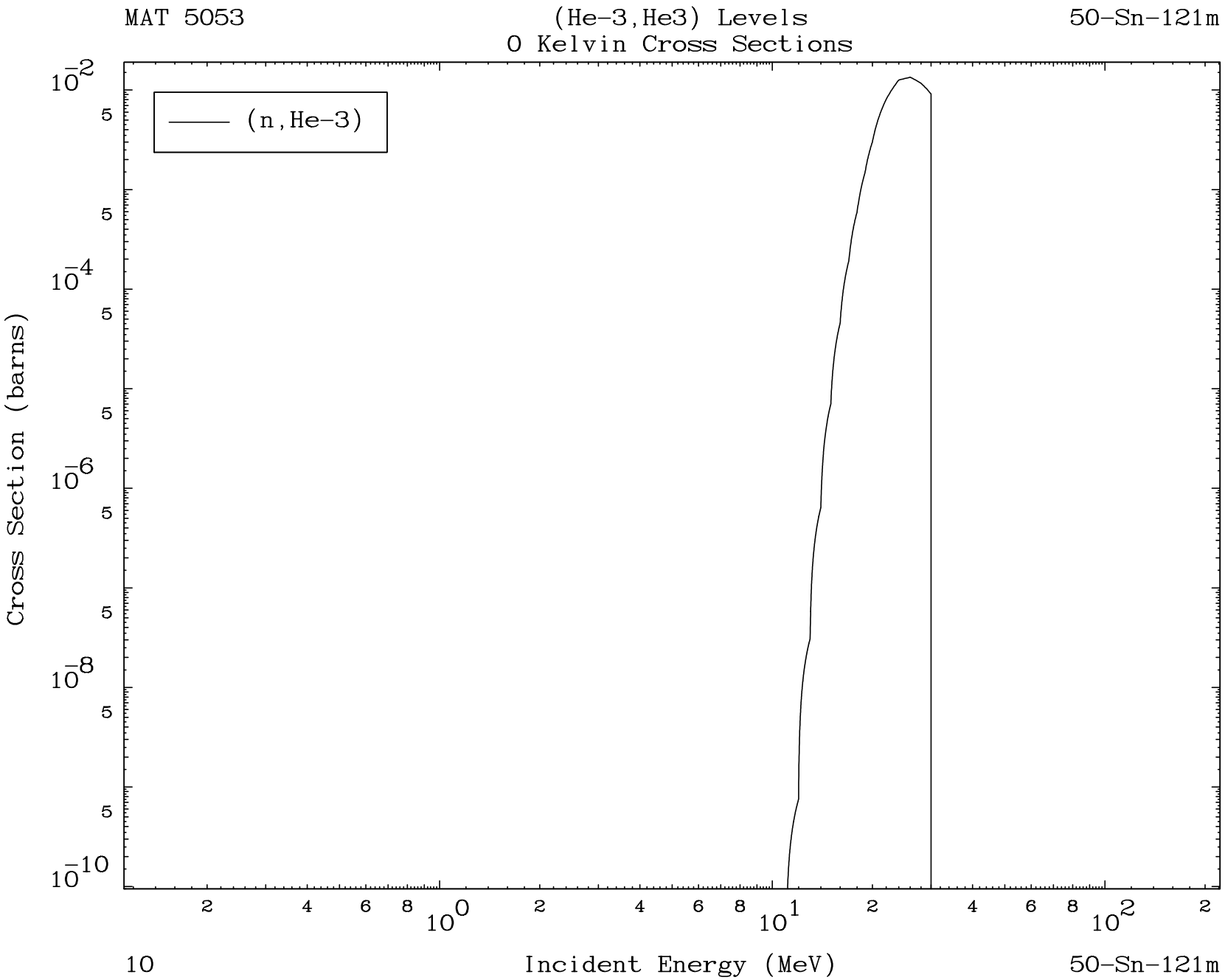

MAT 5053
He-3 Charged Particle
0 Kelvin Cross Sections
50-Sn-121m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121m

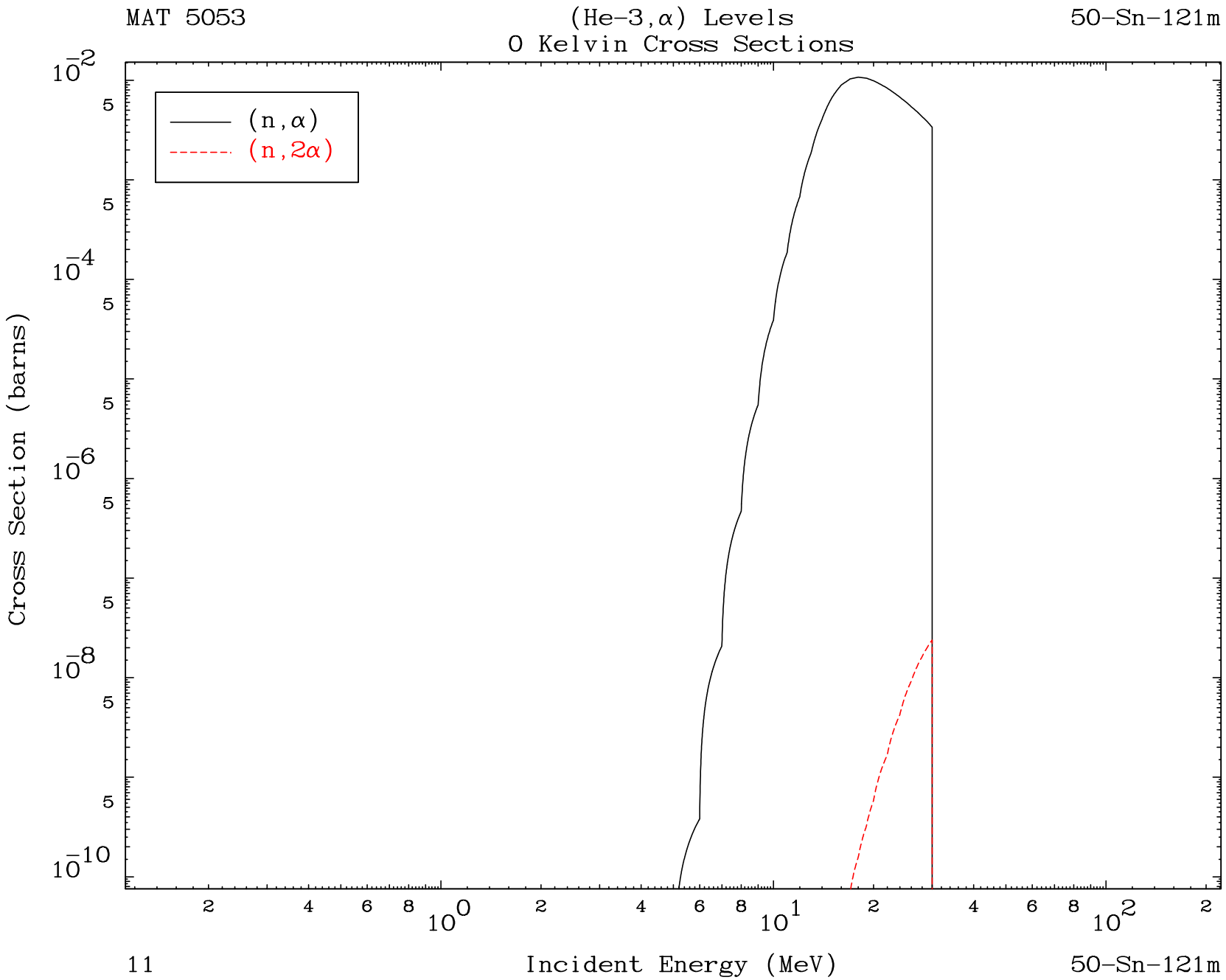

MAT 5053
He-3 Charged Particle
0 Kelvin Cross Sections
50-Sn-121m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
50-Sn-121m

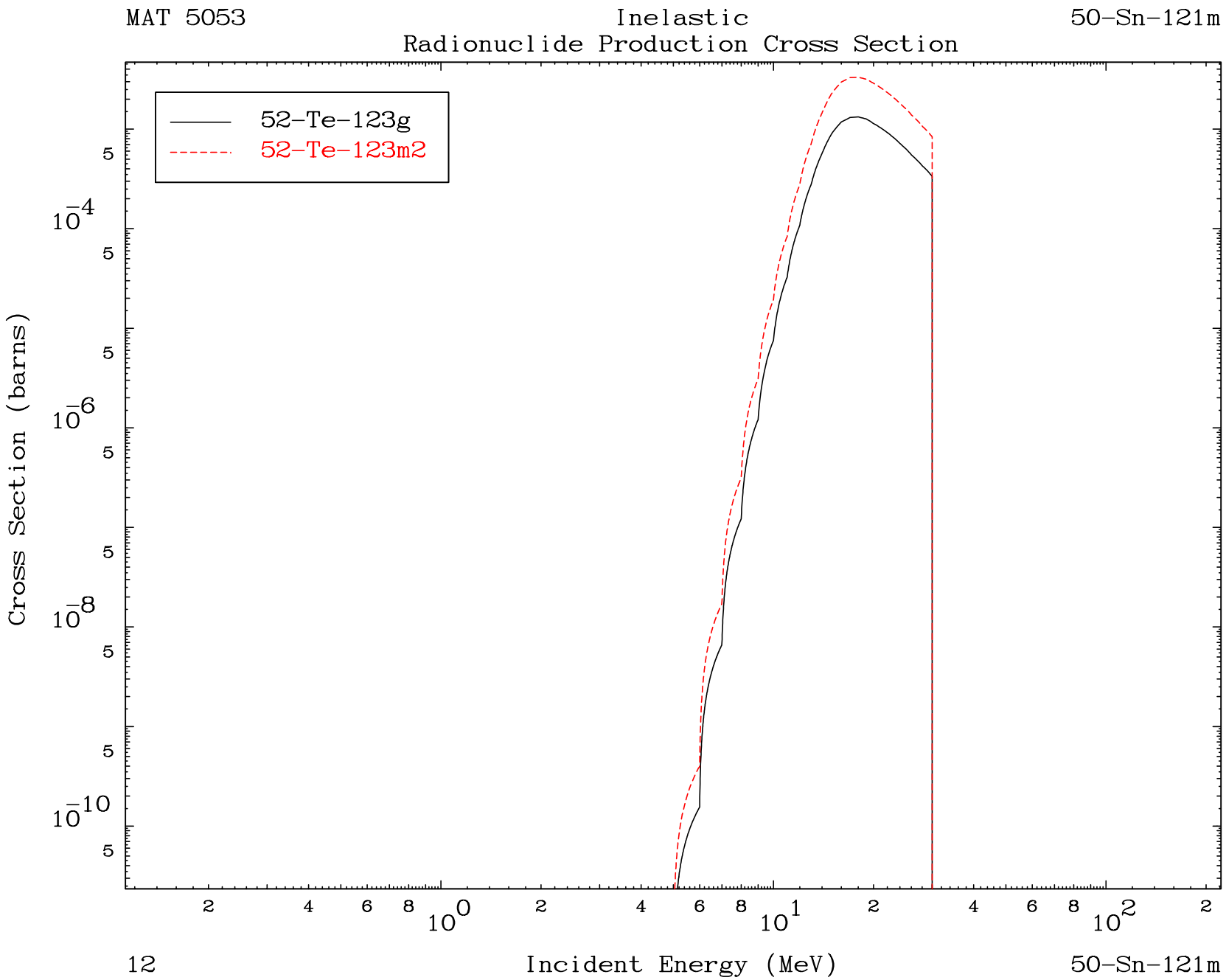

MAT 5053
(He-3,p) Levels
0 Kelvin Cross Sections
50-Sn-121m
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
50-Sn-121m

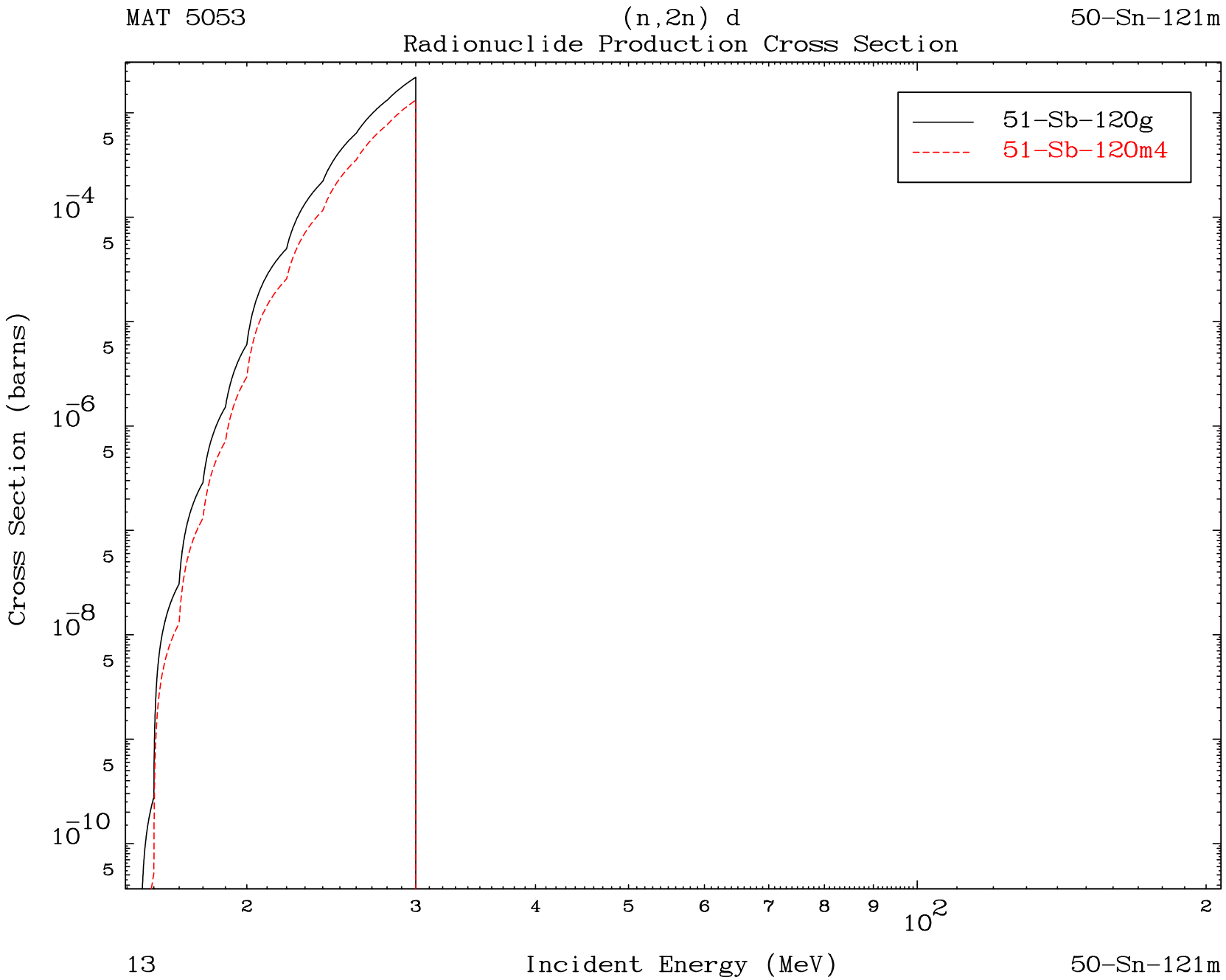

MAT 5053
(He-3,d) Levels
50-Sn-121m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
50-Sn-121m

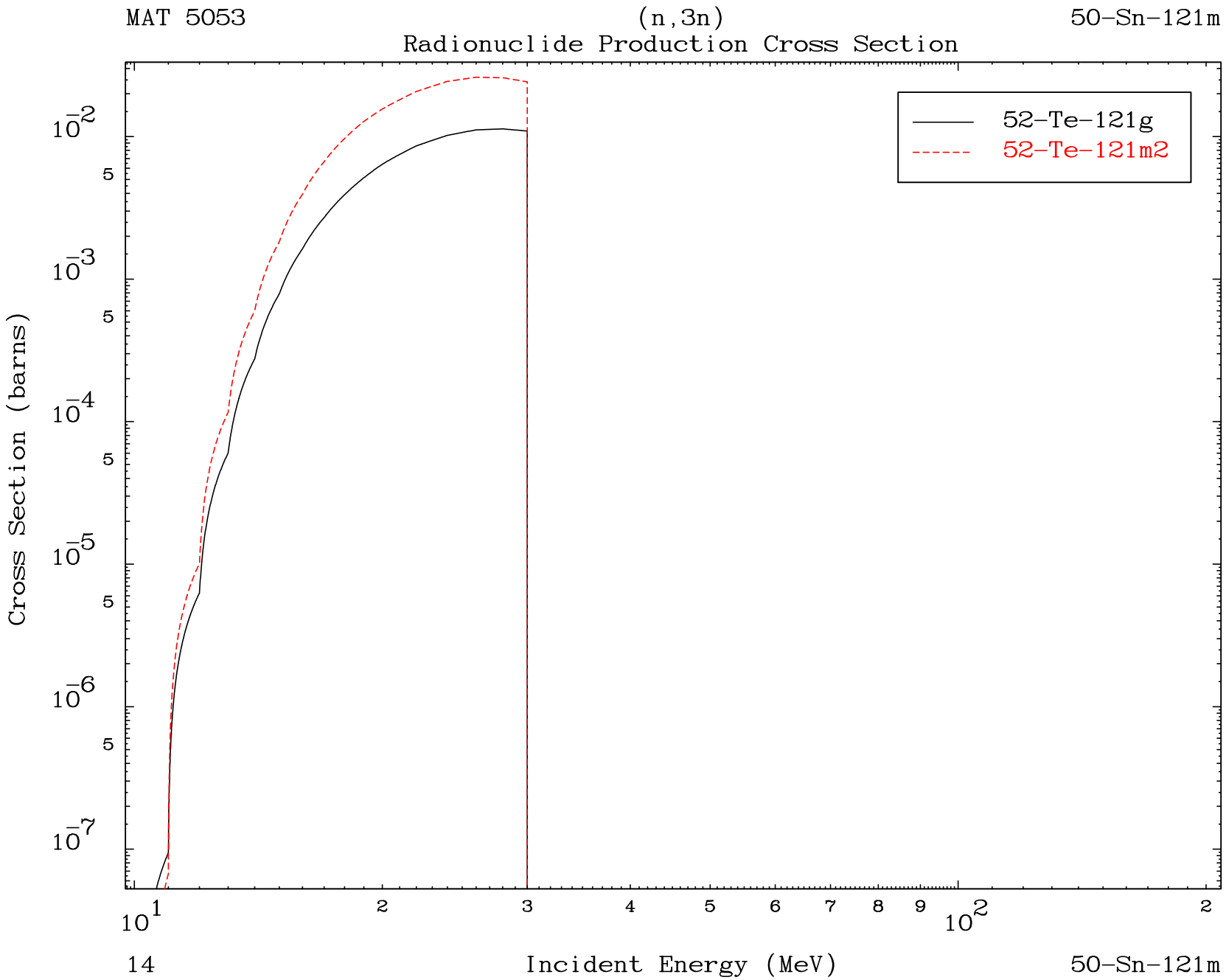

MAT 5053
(He-3,t) Levels
50-Sn-121m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
50-Sn-121m

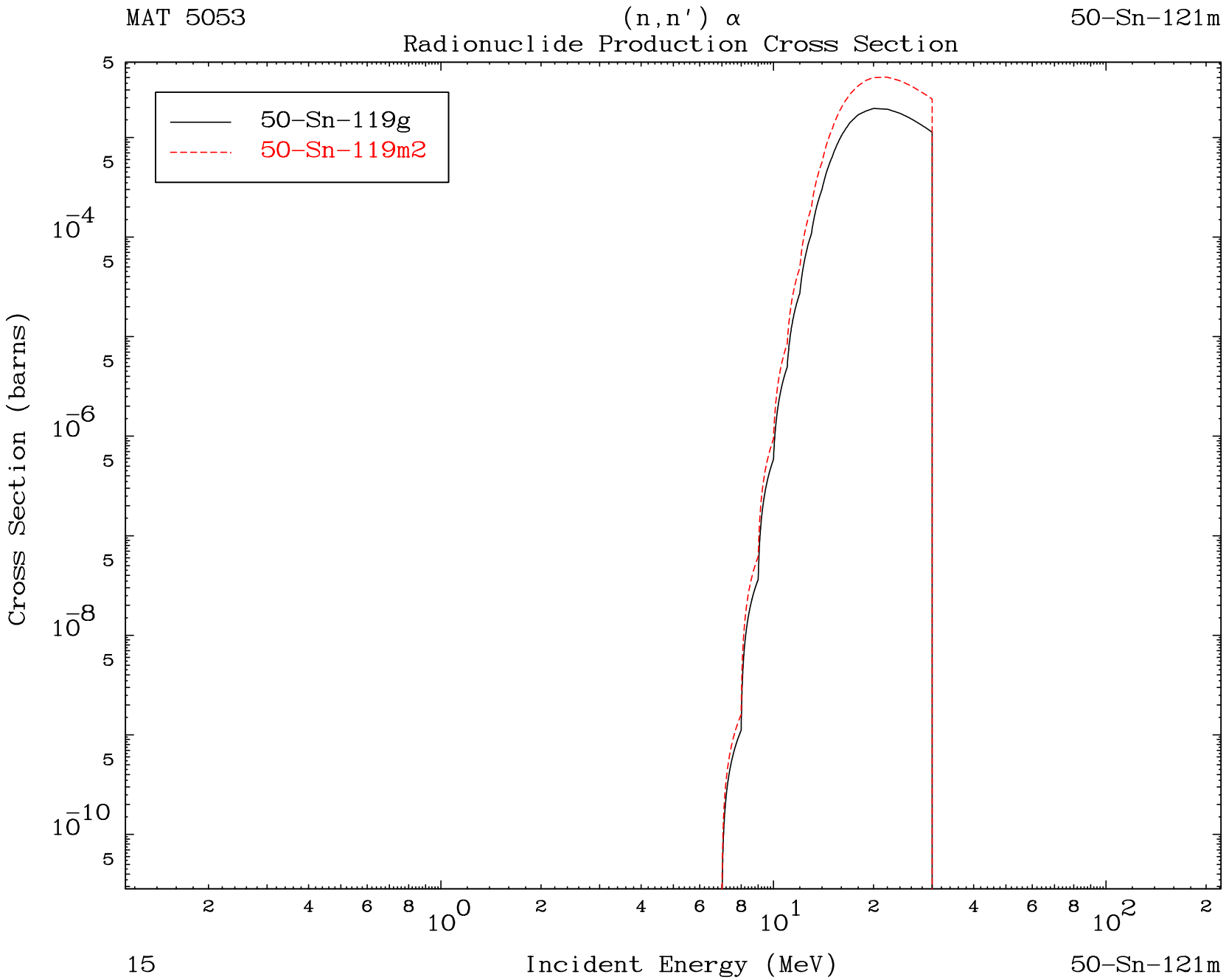

MAT 5053
(He-3,He3) Levels
50-Sn-121m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121m

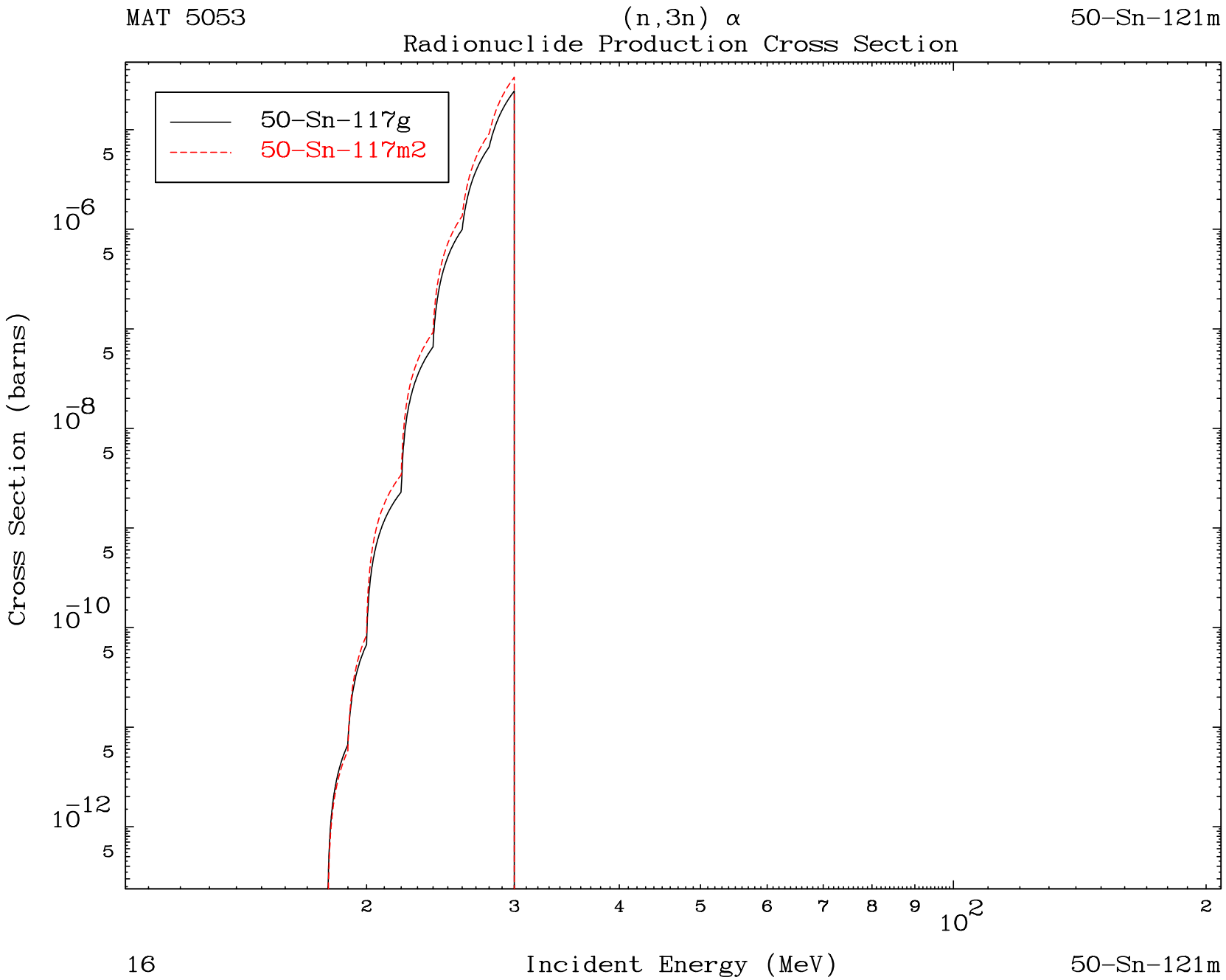

MAT 5053
(He-3,α) Levels
0 Kelvin Cross Sections
50-Sn-121m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
50-Sn-121m

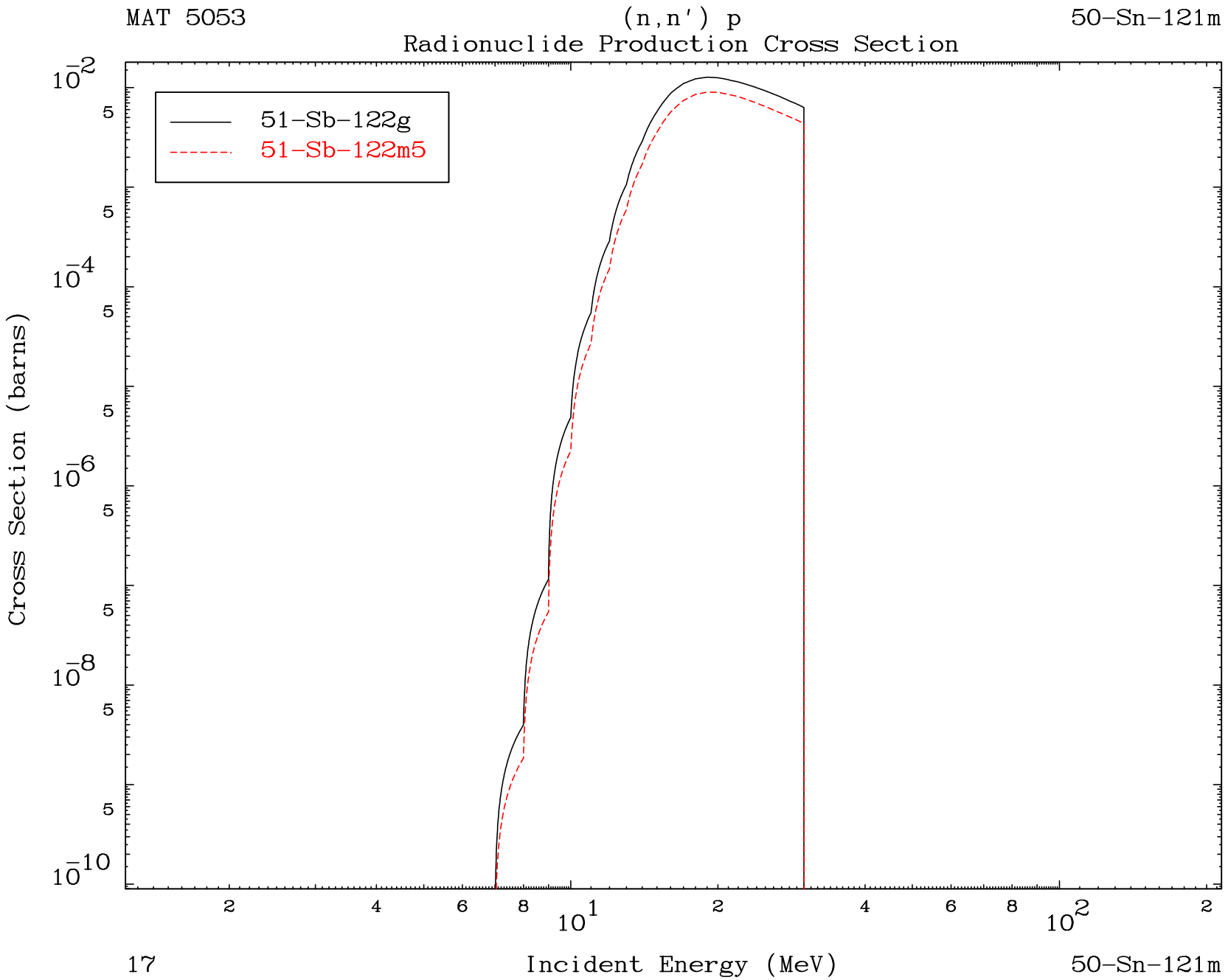

MAT 5053
Inelastic
50-Sn-121m
Radionuclide Production Cross Section
52-Te-123g
52-Te-123m2
Cross Section (barns)
Incident Energy (MeV)
12
50-Sn-121m

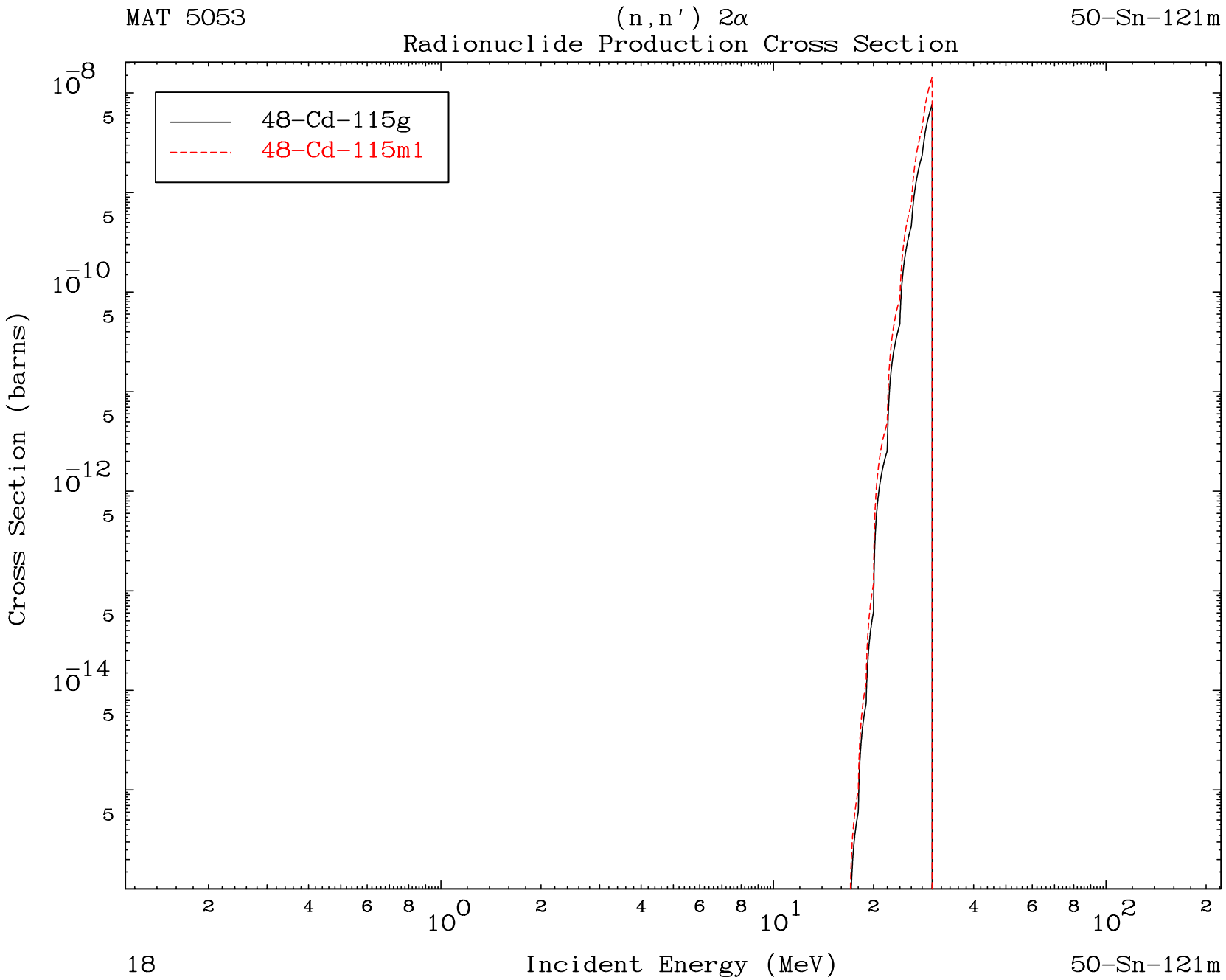

MAT 5053
(n,2n) d
50-Sn-121m
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
6
7
8
9
10^2
13
Incident Energy (MeV)
50-Sn-121m

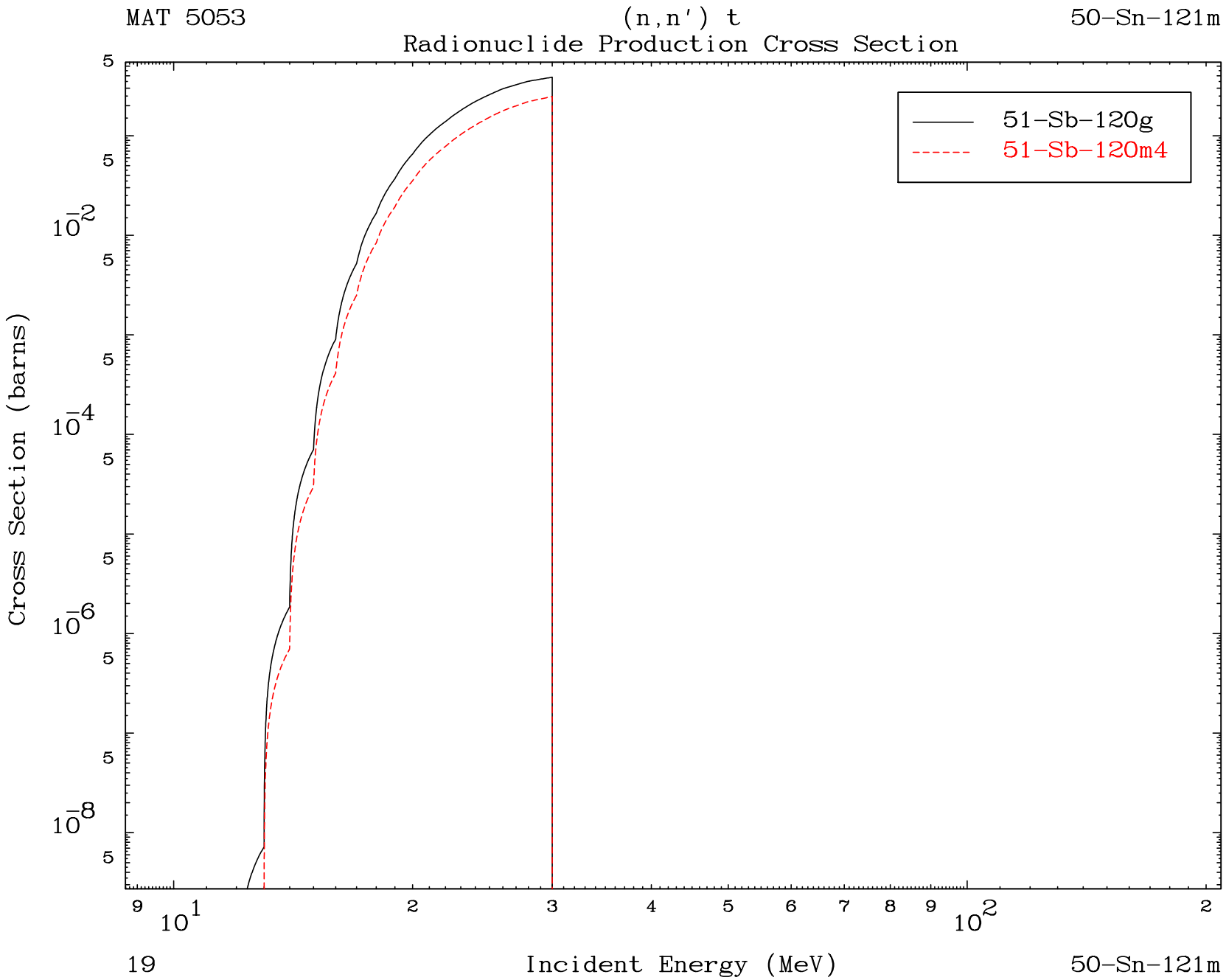

MAT 5053
(n,3n)
50-Sn-121m
Radionuclide Production Cross Section
52-Te-121g
52-Te-121m2
Cross Section (barns)
Incident Energy (MeV)
50-Sn-121m
14

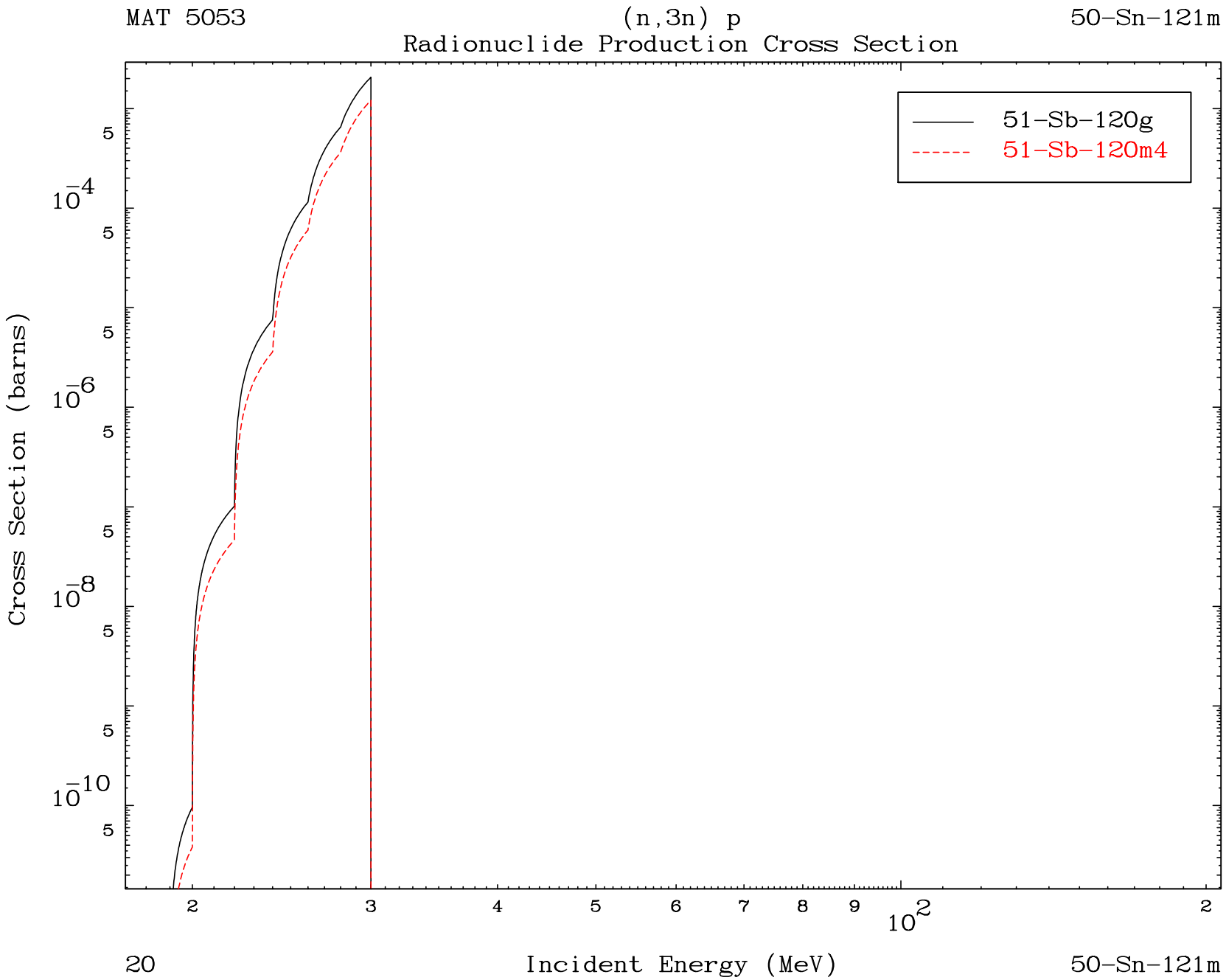

MAT 5053
(n,n') α
50-Sn-121m
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
15
50-Sn-121m

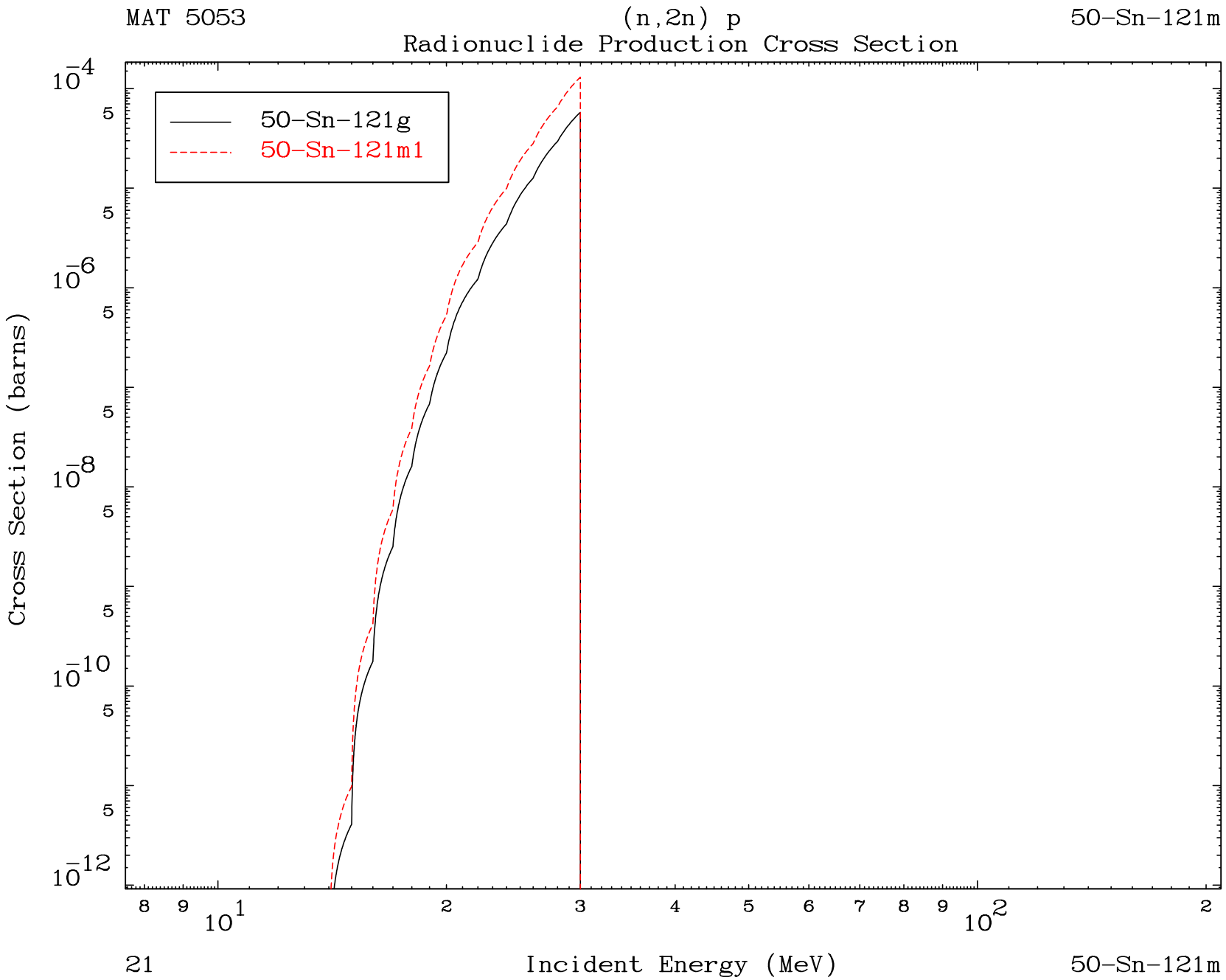

MAT 5053
(n,3n) α
50-Sn-121m
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
16
50-Sn-121m

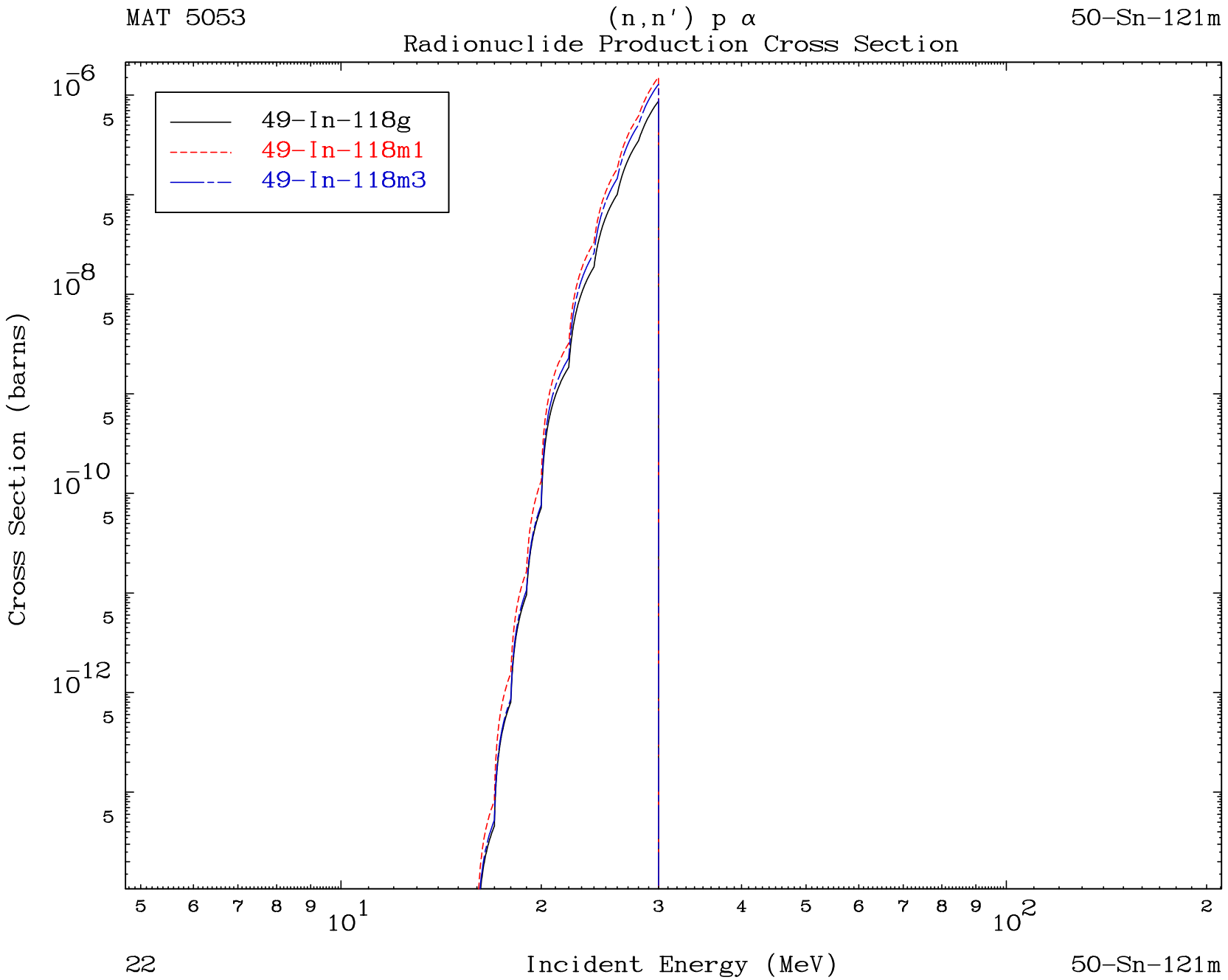

MAT 5053
(n,n') p
50-Sn-121m
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
17
50-Sn-121m

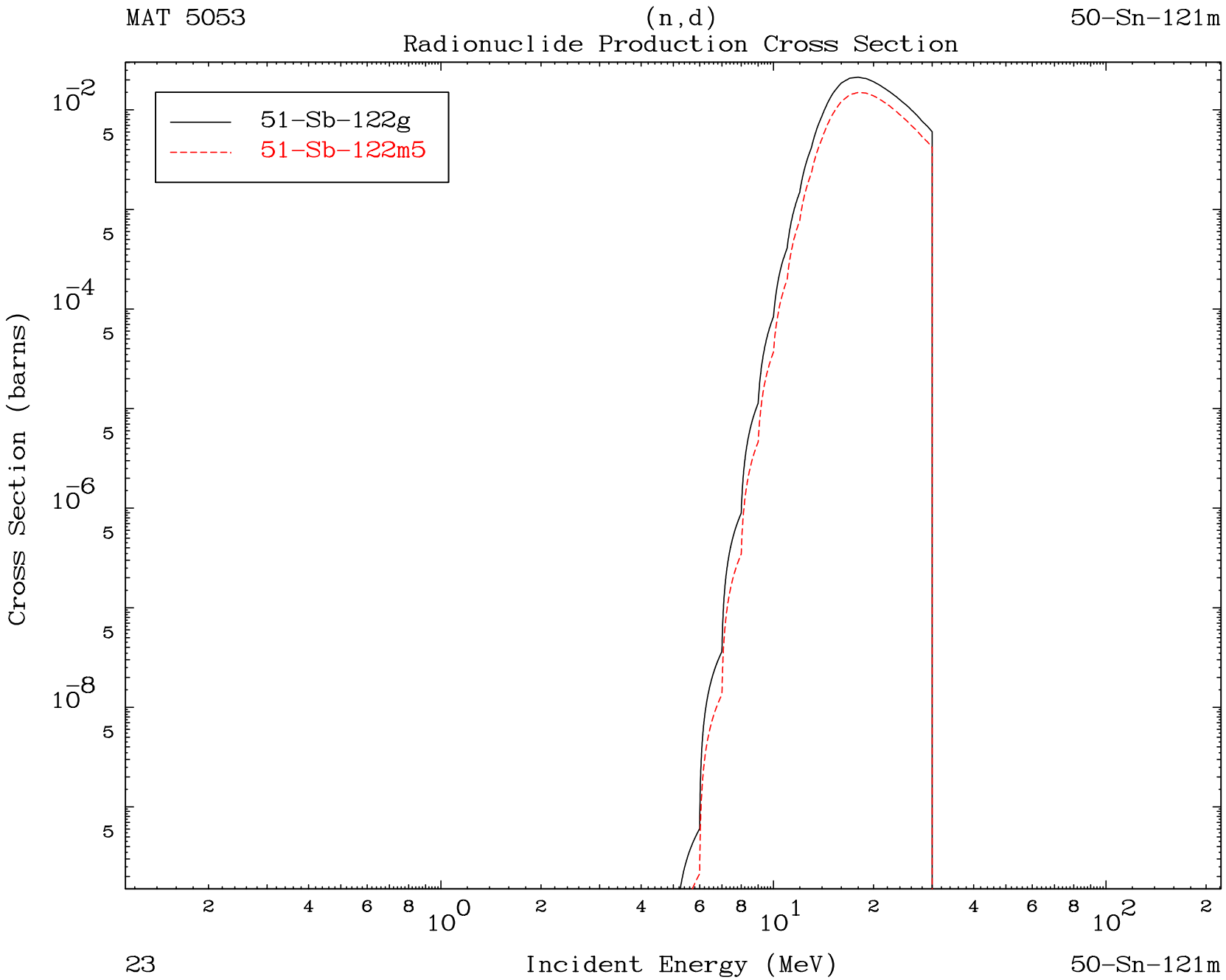

MAT 5053
(n,n') 2α
50-Sn-121m
Radionuclide Production Cross Section
48-Cd-115g
48-Cd-115m1
Cross Section (barns)
Incident Energy (MeV)
18
50-Sn-121m

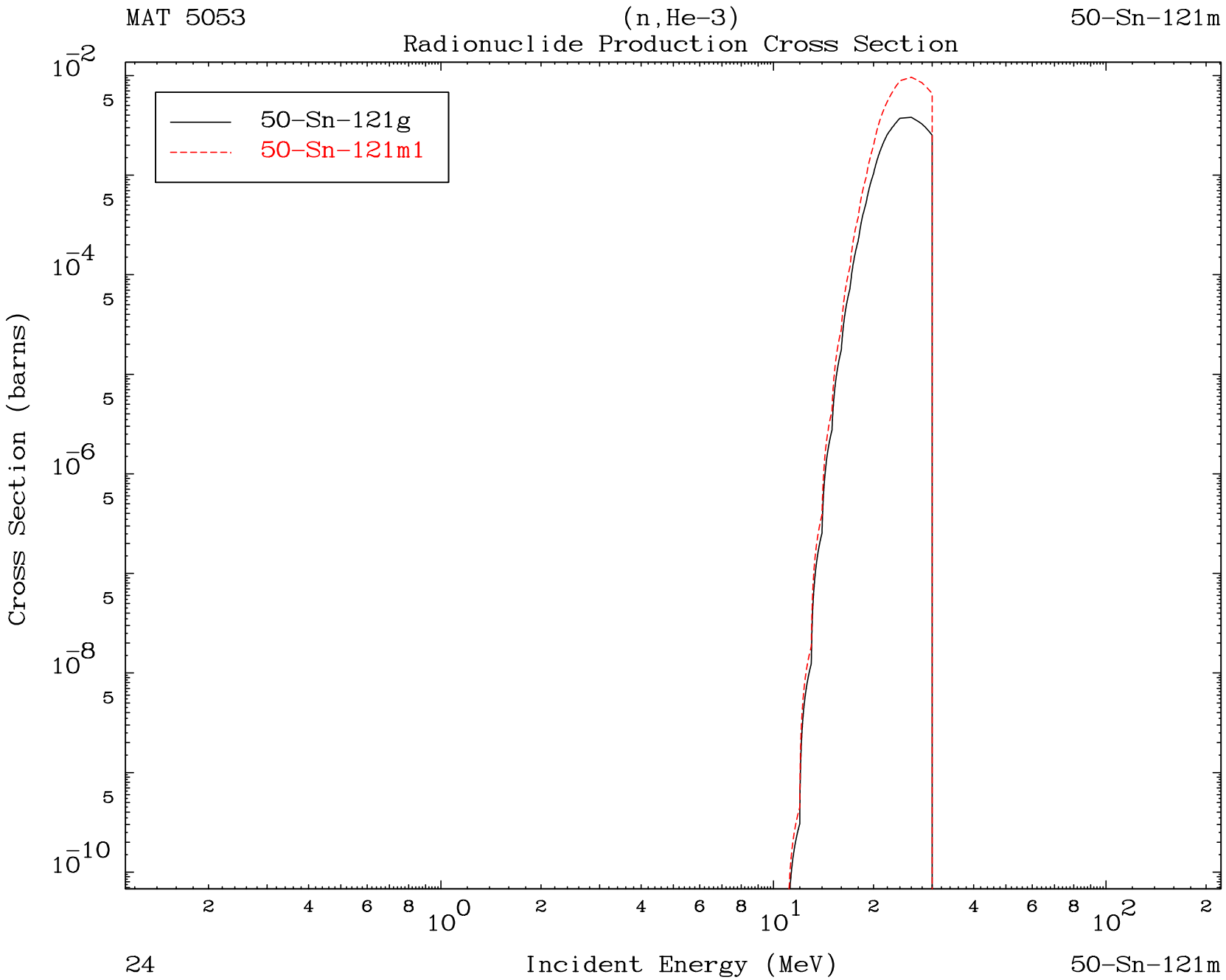

MAT 5053
(n,n') t
50-Sn-121m
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m4
Cross Section (barns)
Incident Energy (MeV)
19
50-Sn-121m

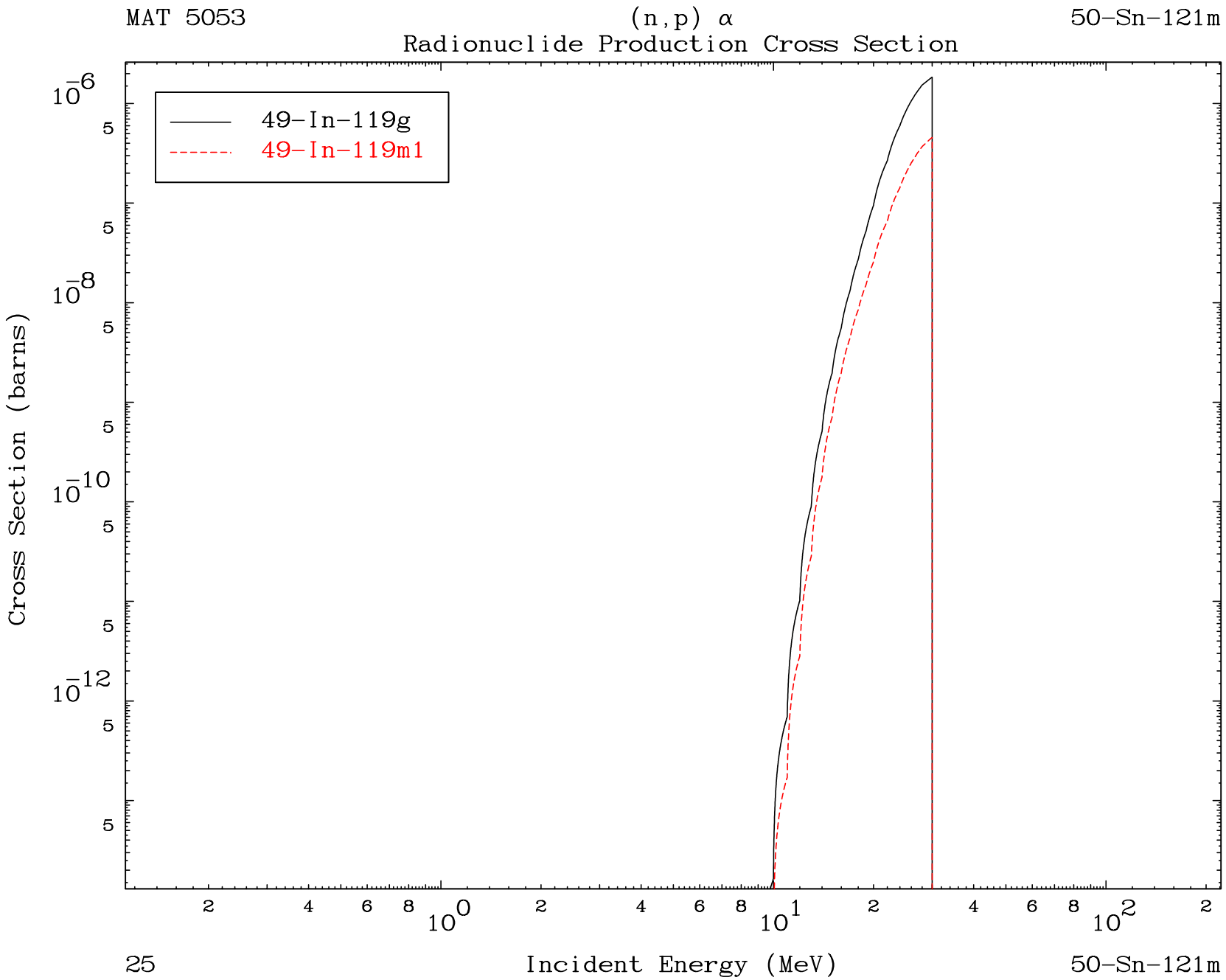

MAT 5053
(n,3n) p
50-Sn-121m
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
50-Sn-121m

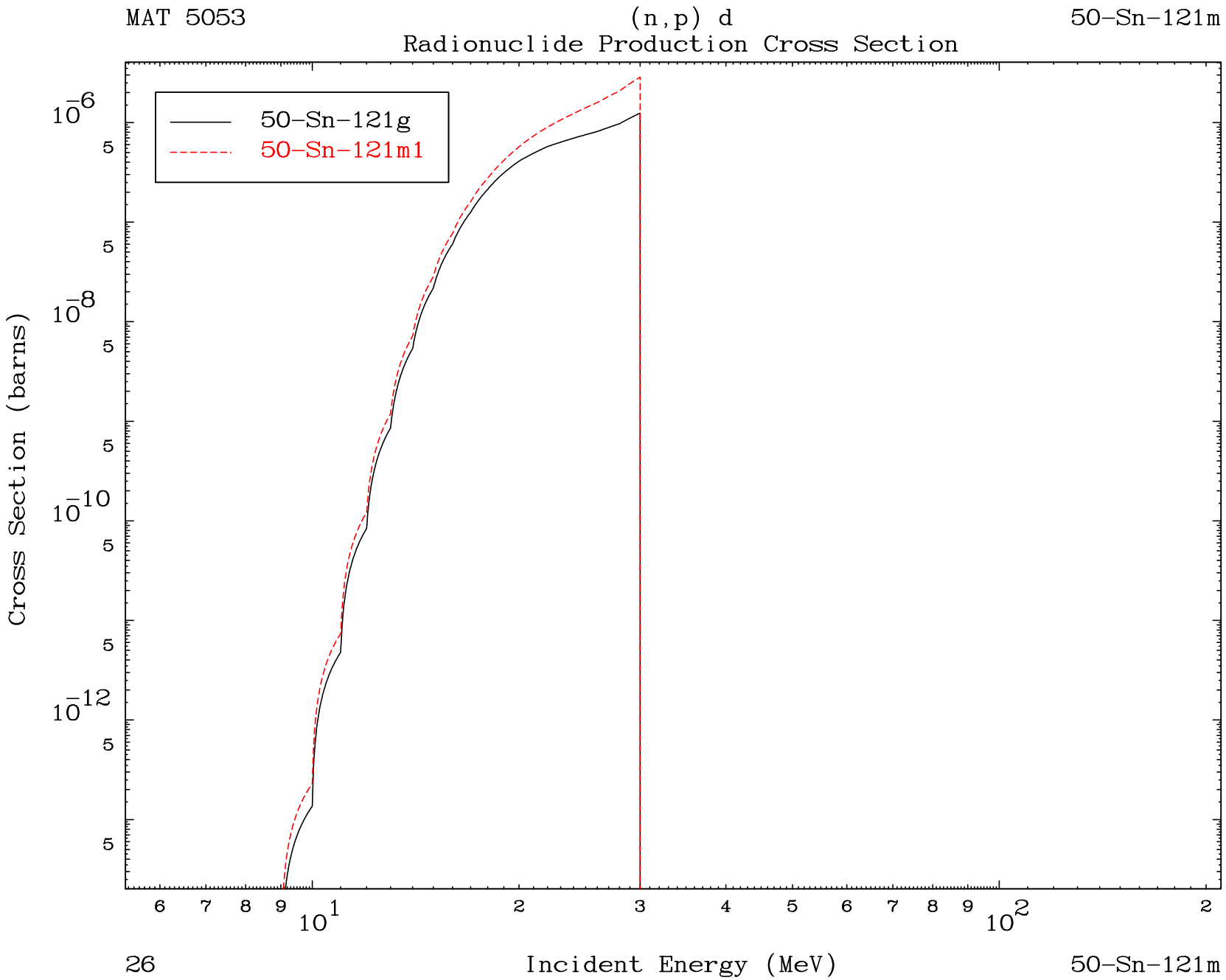

MAT 5053
(n,2n) p
50-Sn-121m
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
21
50-Sn-121m

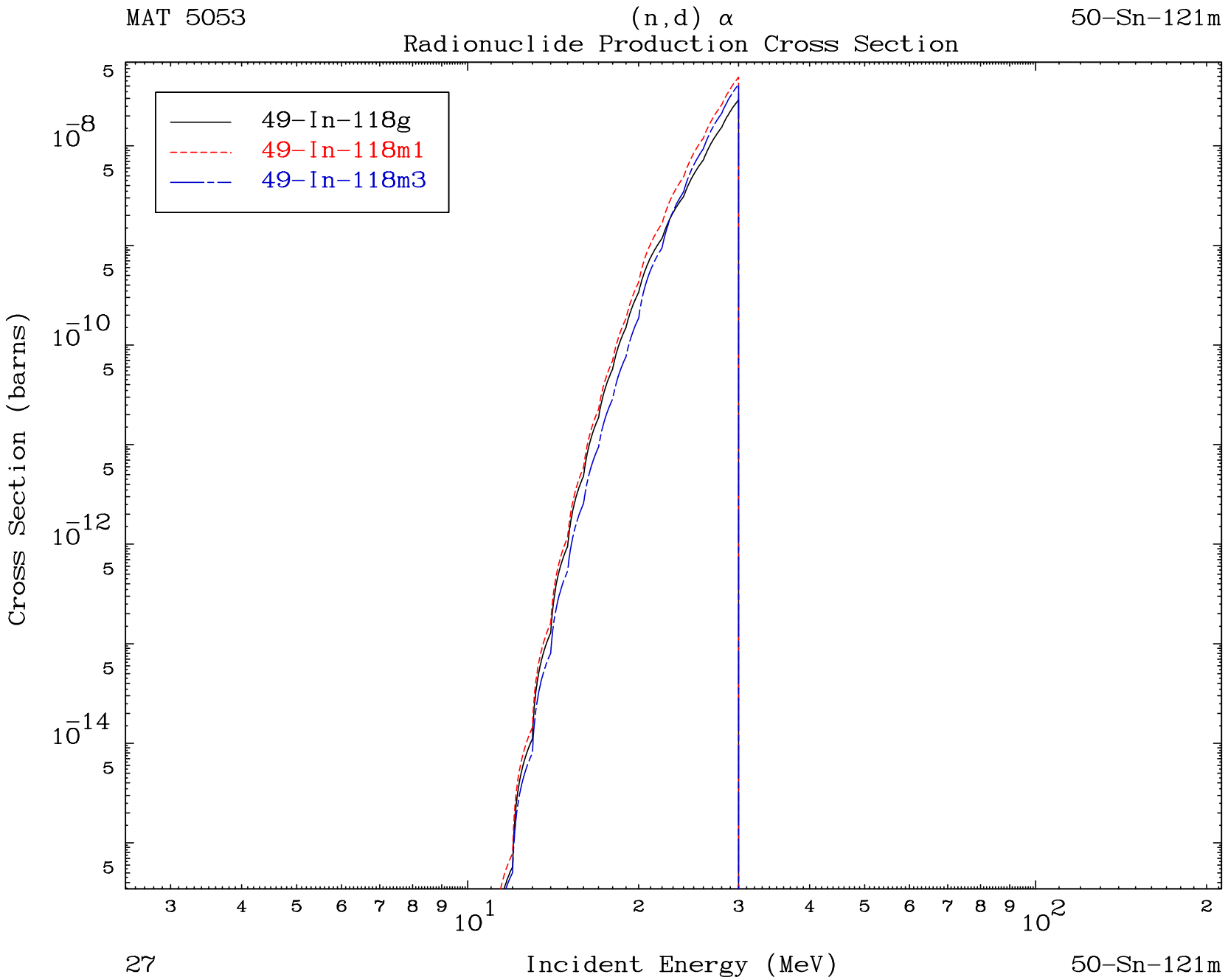

MAT 5053
(n,n') p α
50-Sn-121m
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
22
50-Sn-121m


MAT 5053
(n,d)
50-Sn-121m
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
23
50-Sn-121m


MAT 5053
(n,He-3)
50-Sn-121m
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
24
50-Sn-121m


MAT 5053
(n,p) α
50-Sn-121m
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
25
50-Sn-121m


MAT 5053
(n,p) d
50-Sn-121m
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
26
50-Sn-121m


MAT 5053
(n,d) α
50-Sn-121m
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
27
50-Sn-121m