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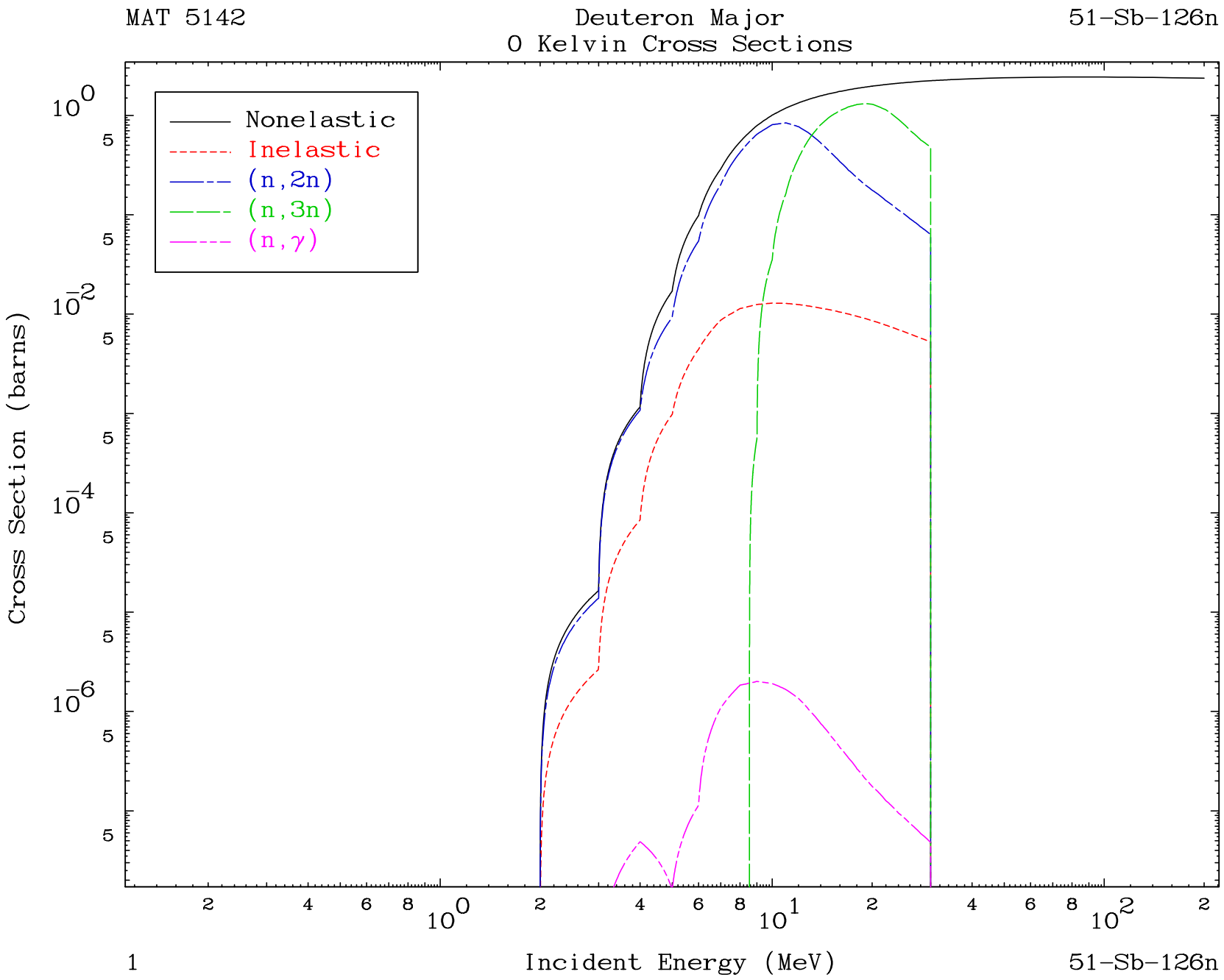
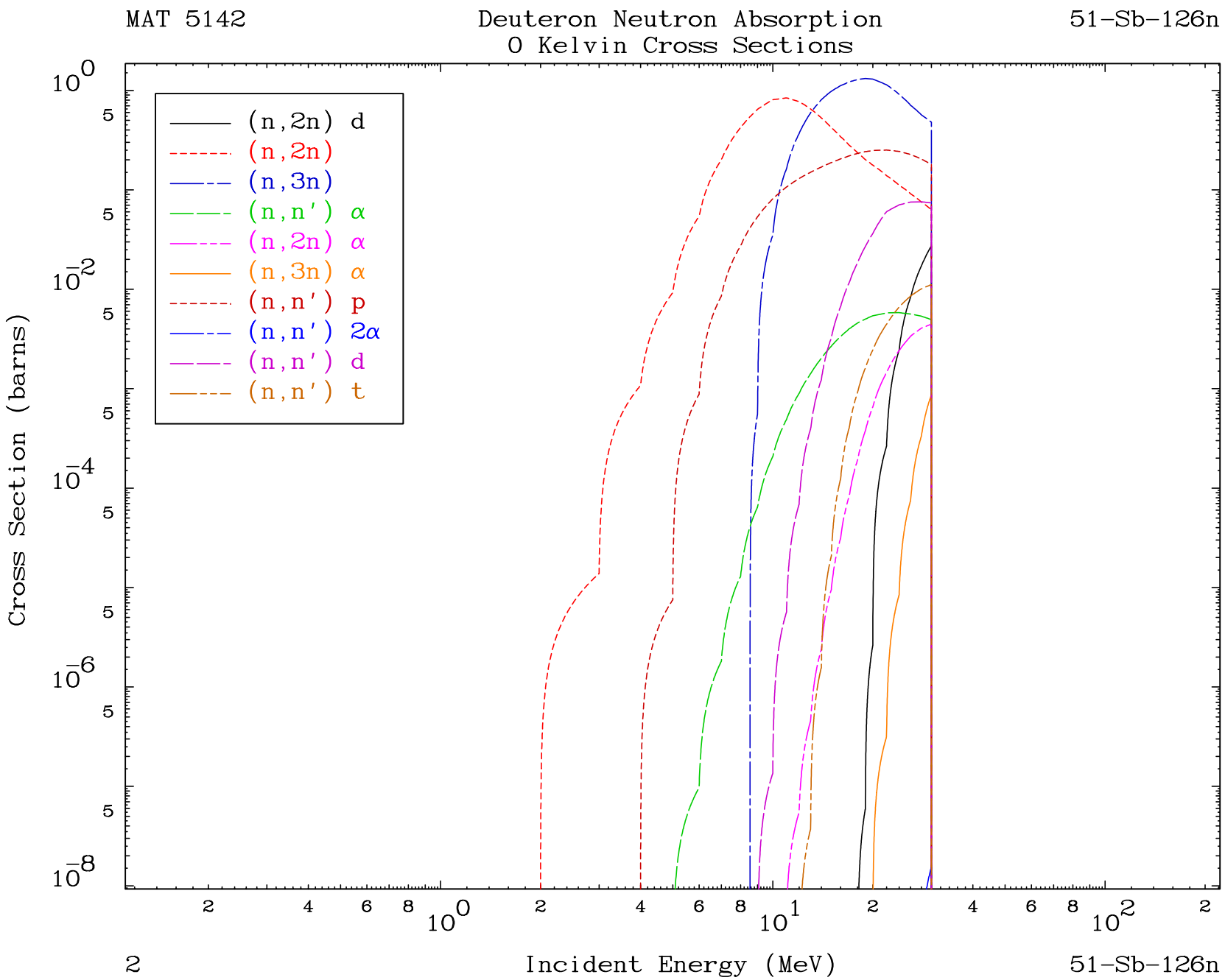
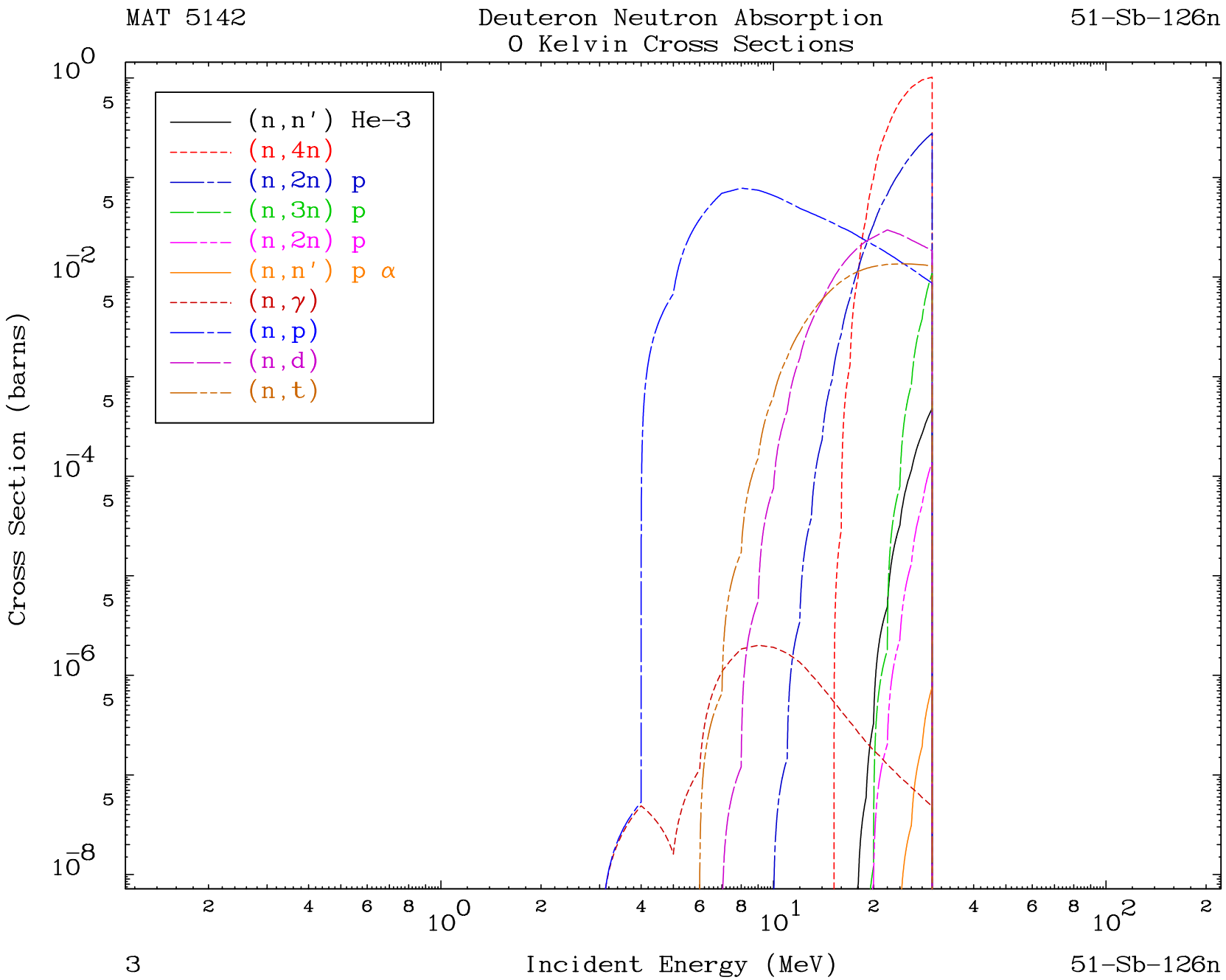
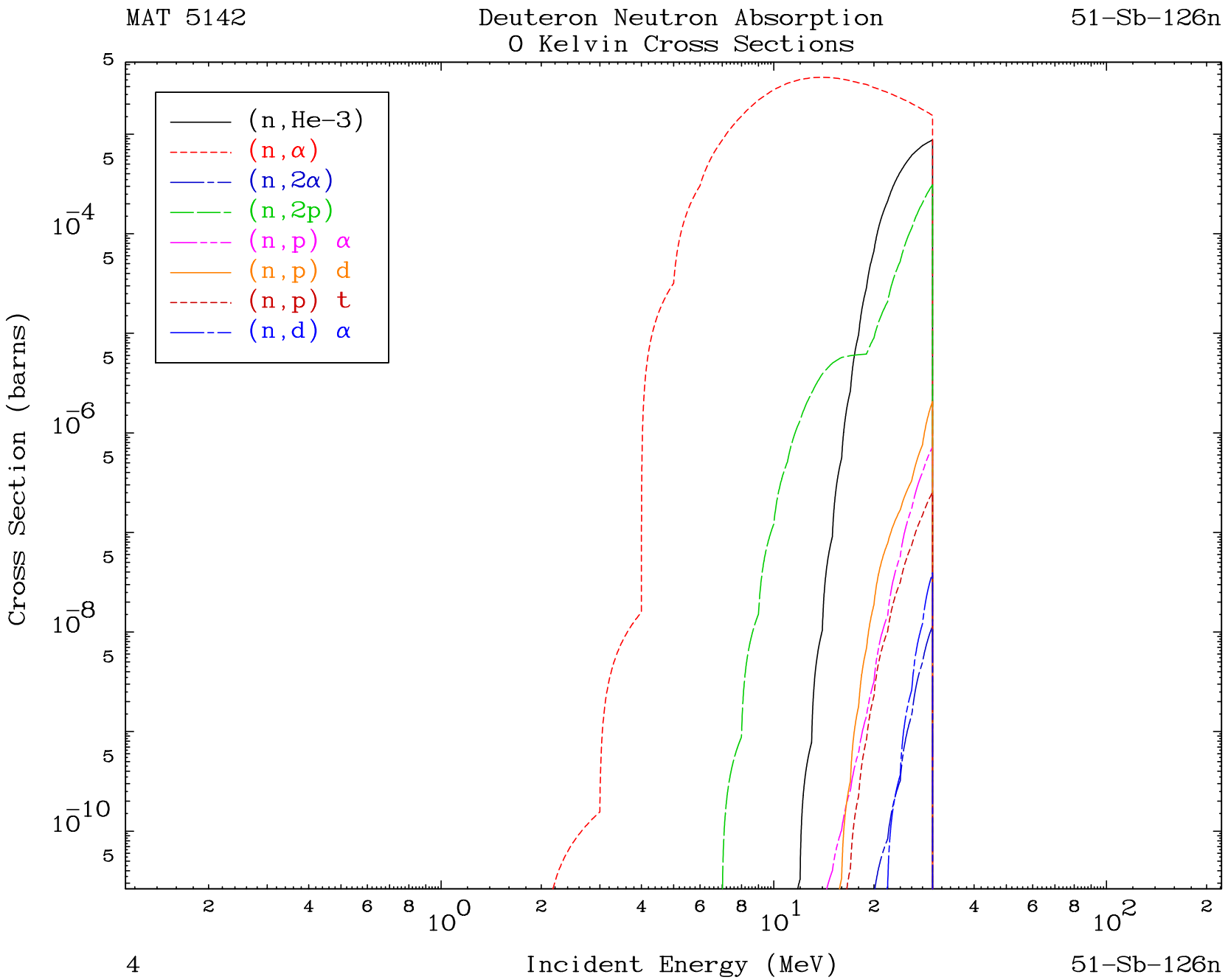
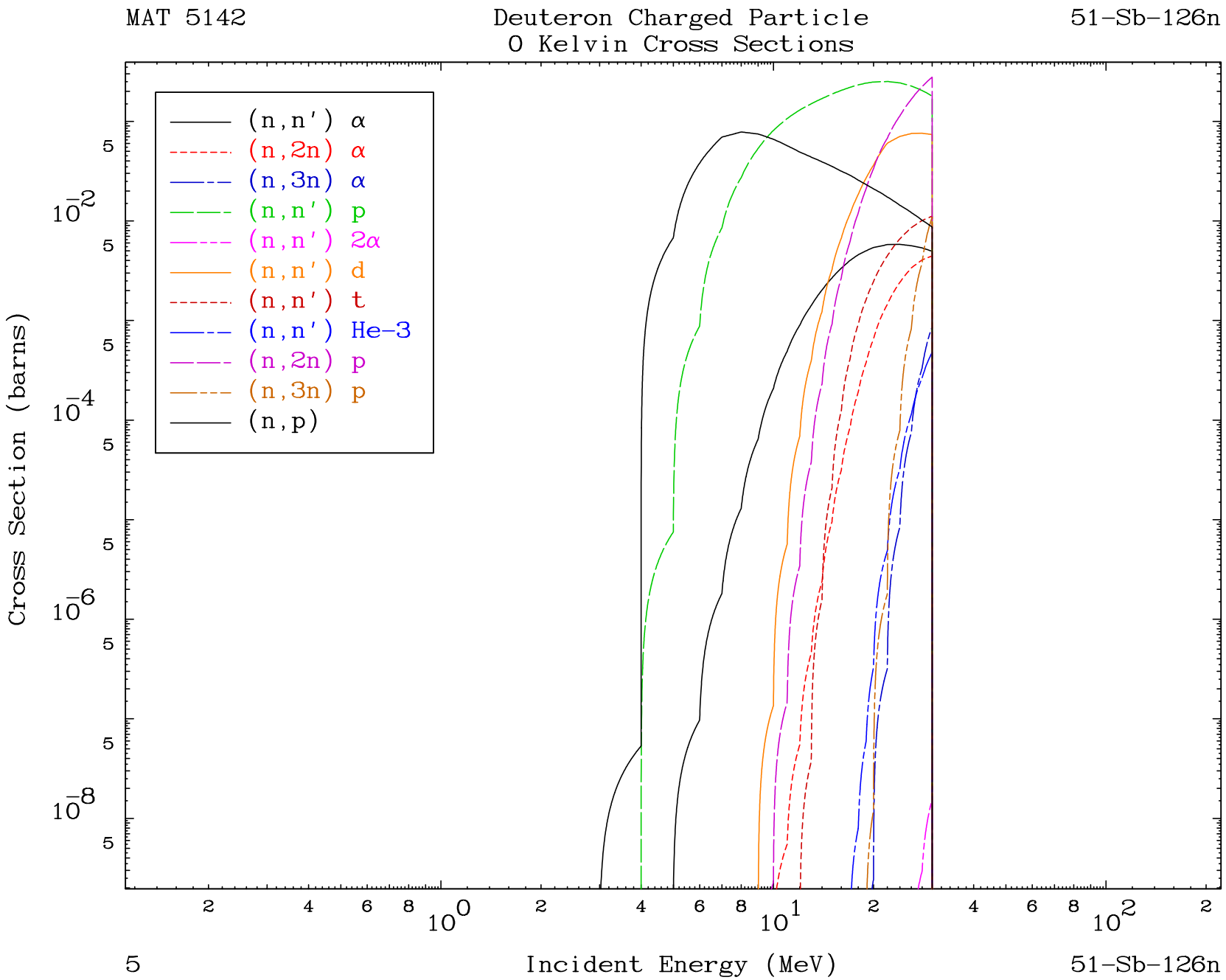
Press Mouse Button to Start

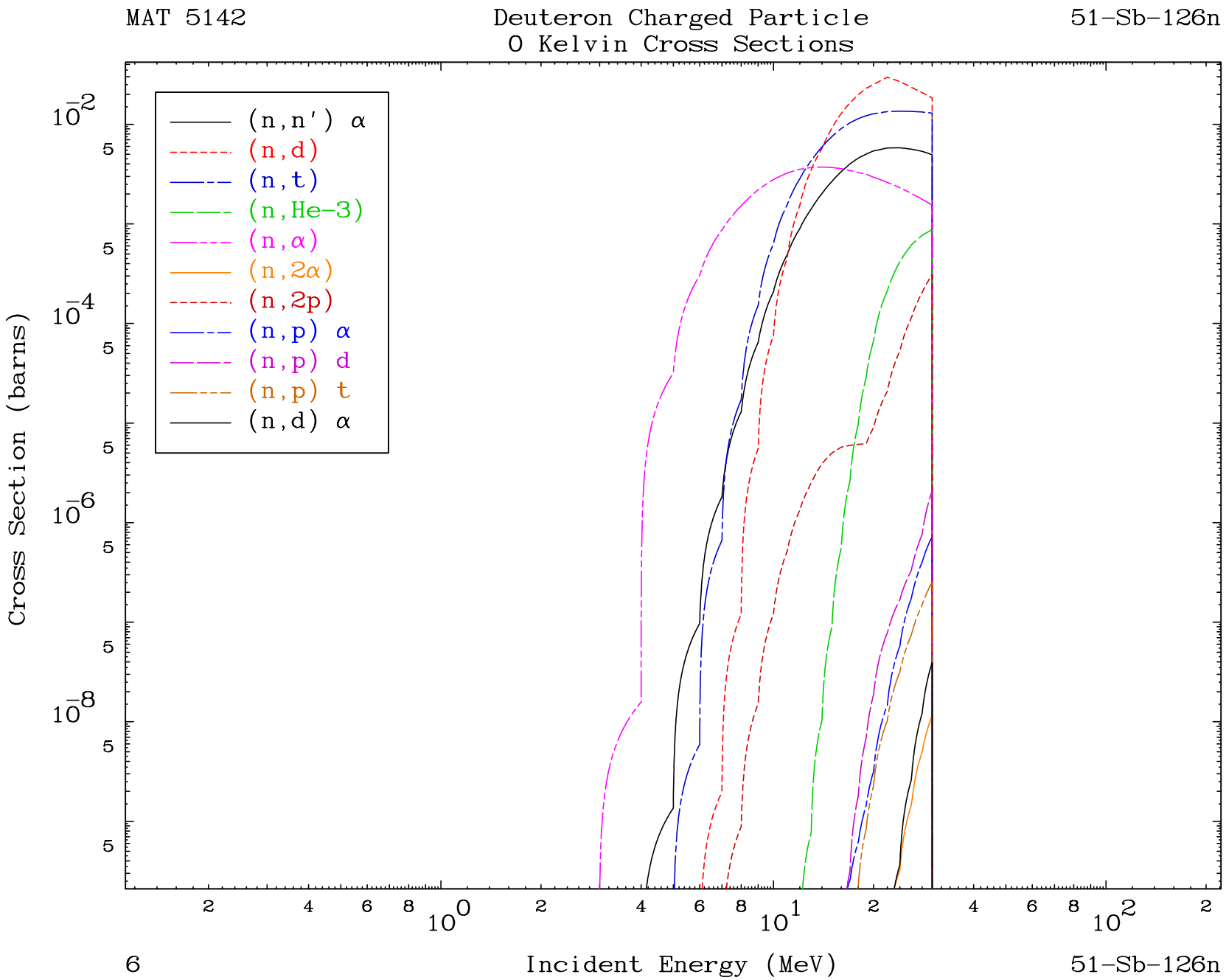

MAT 5142
Deuteron Major
51-Sb-126n
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-126n
1

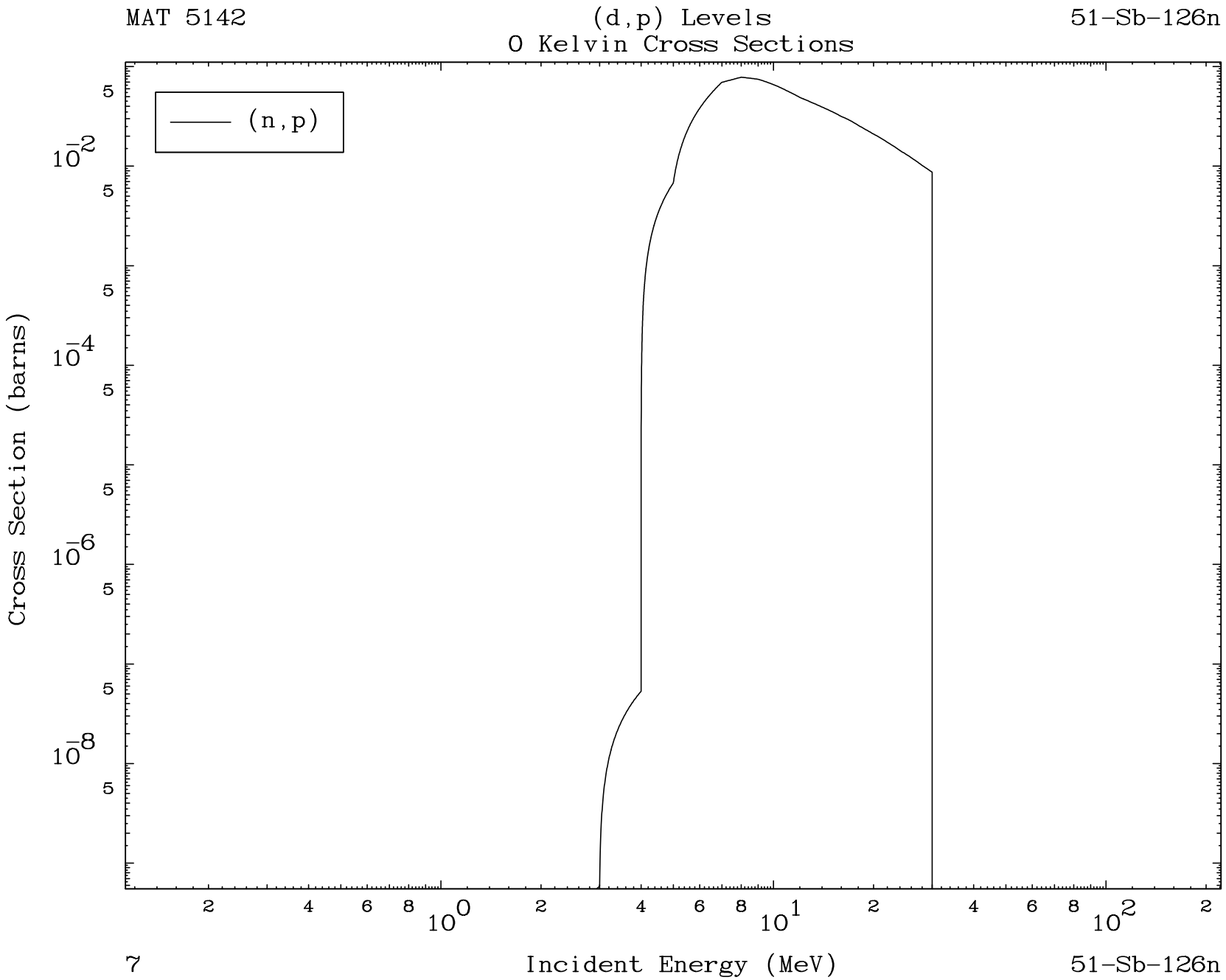

MAT 5142
Deuteron Neutron Absorption
0 Kelvin Cross Sections
51-Sb-126n
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
51-Sb-126n
2

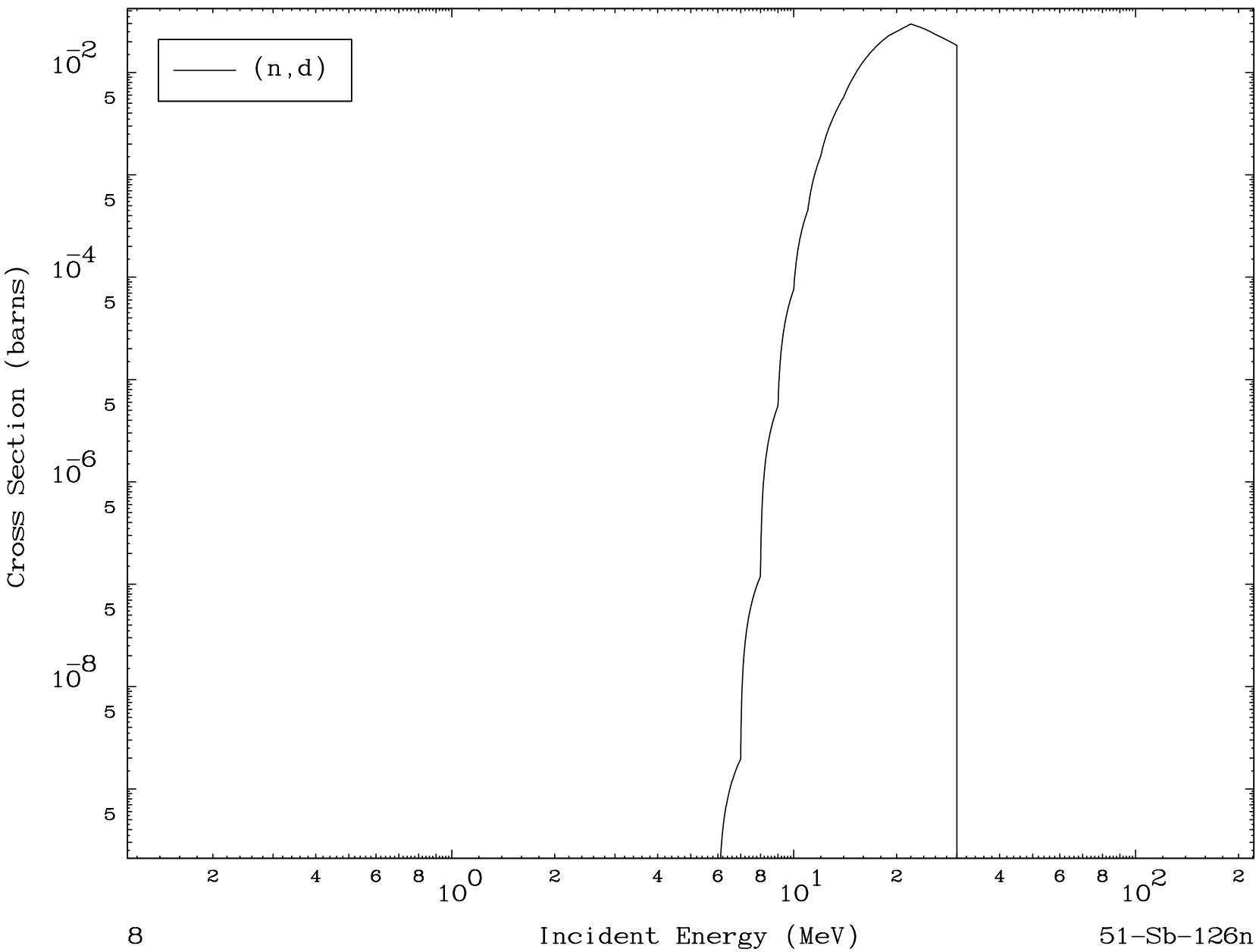

MAT 5142
Deuteron Neutron Absorption
0 Kelvin Cross Sections
51-Sb-126n
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
51-Sb-126n

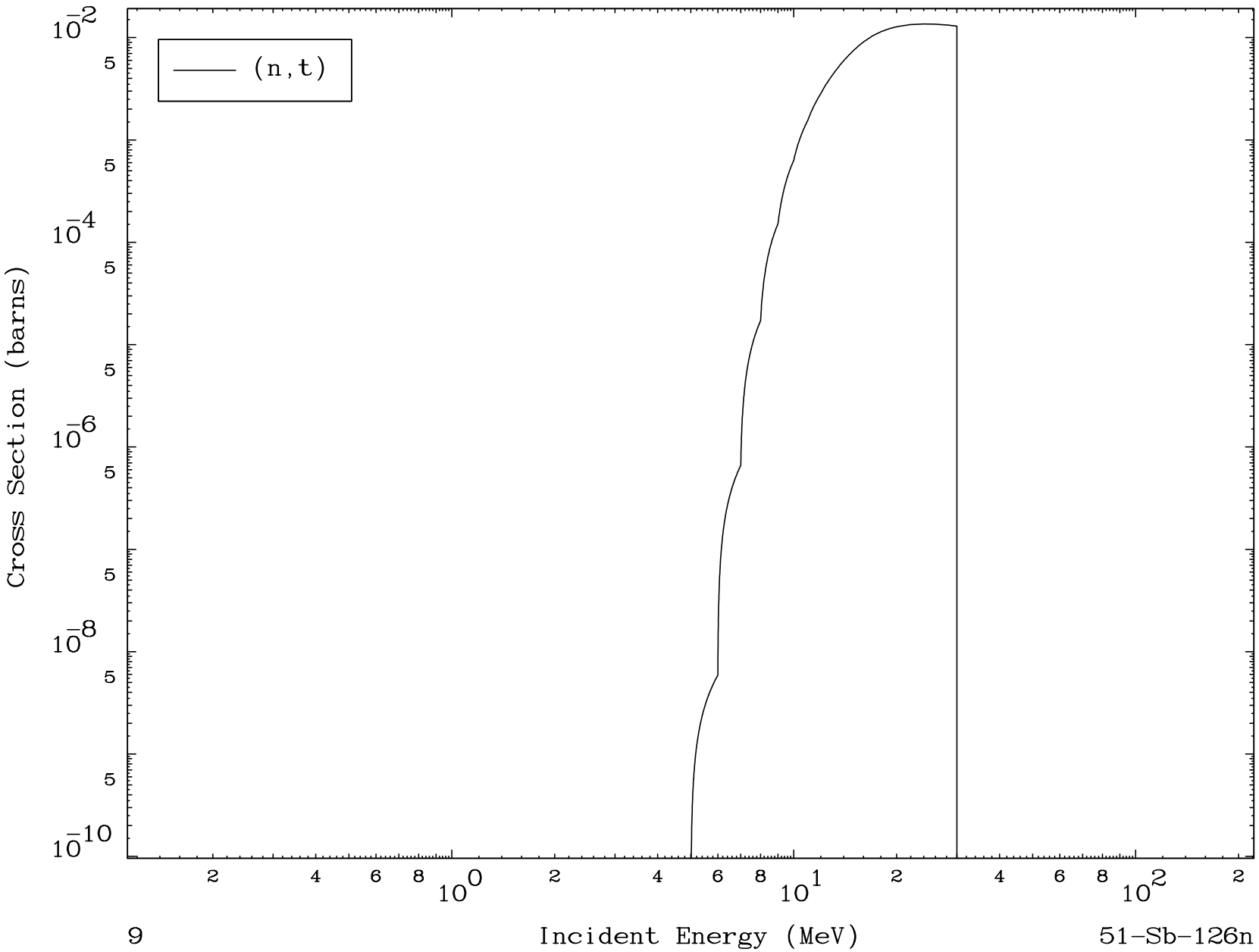

MAT 5142
Deuteron Neutron Absorption
0 Kelvin Cross Sections
51-Sb-126n
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
51-Sb-126n

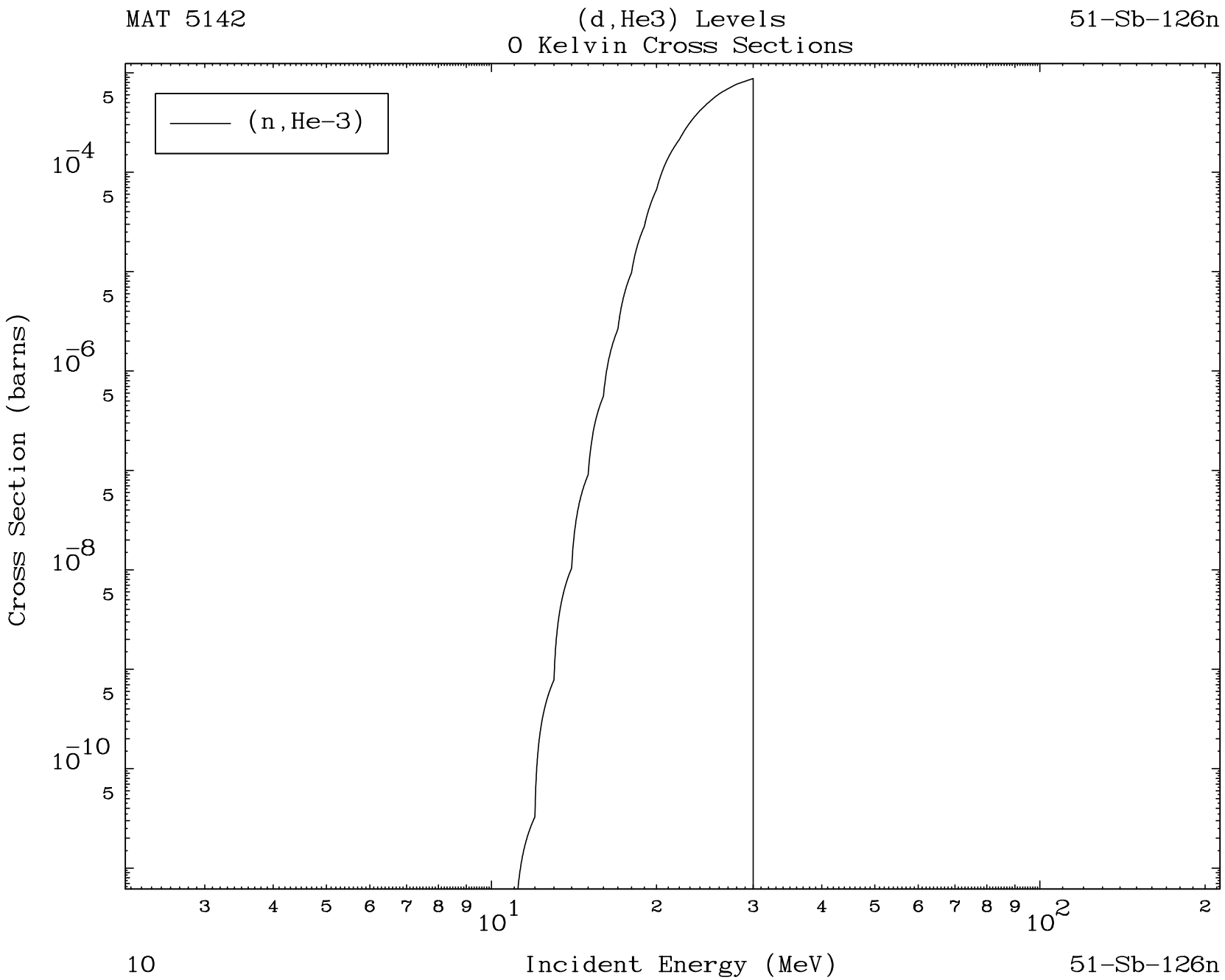

MAT 5142
Deuteron Charged Particle
0 Kelvin Cross Sections
51-Sb-126n
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
51-Sb-126n

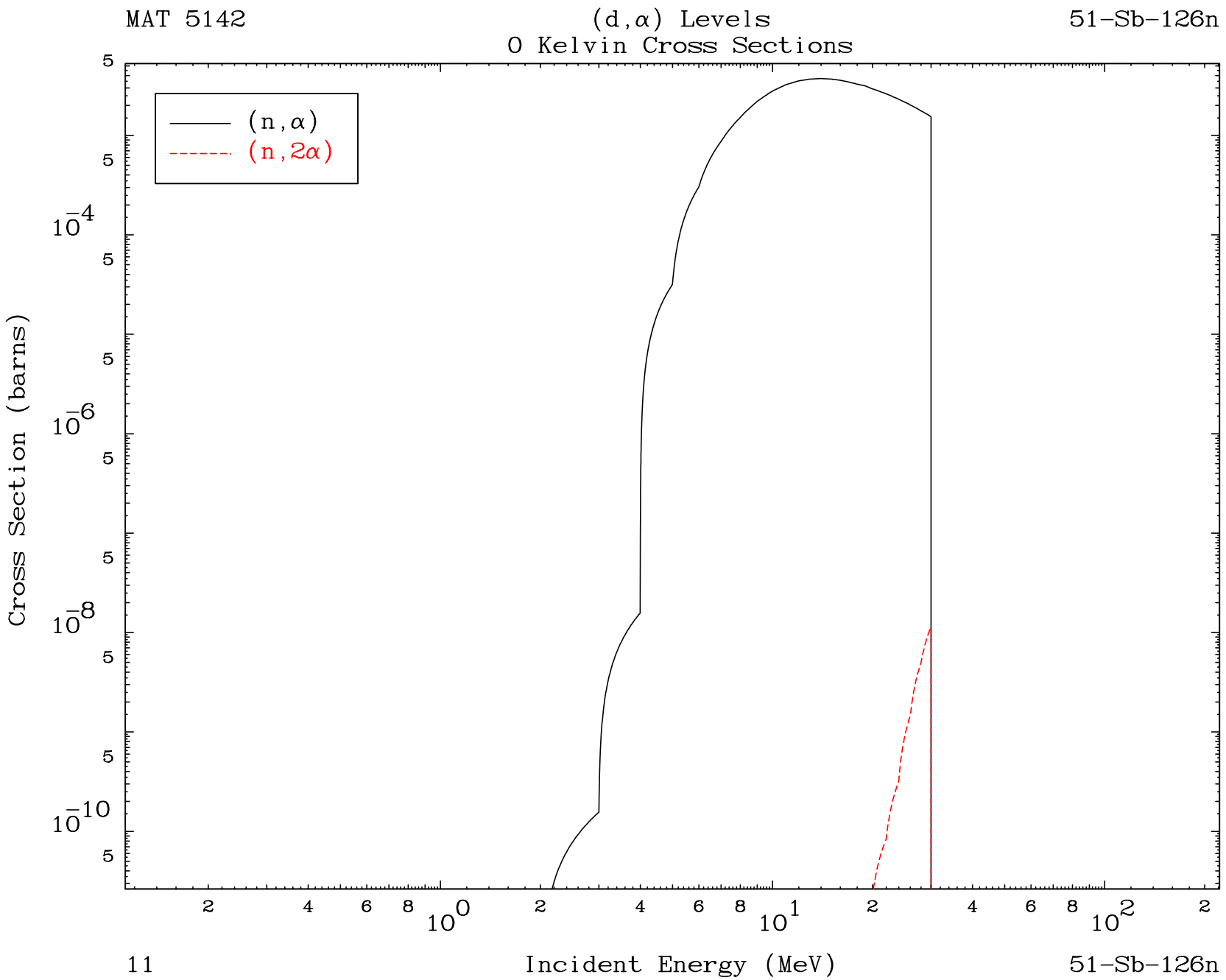

MAT 5142
Deuteron Charged Particle
0 Kelvin Cross Sections
51-Sb-126n
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
51-Sb-126n

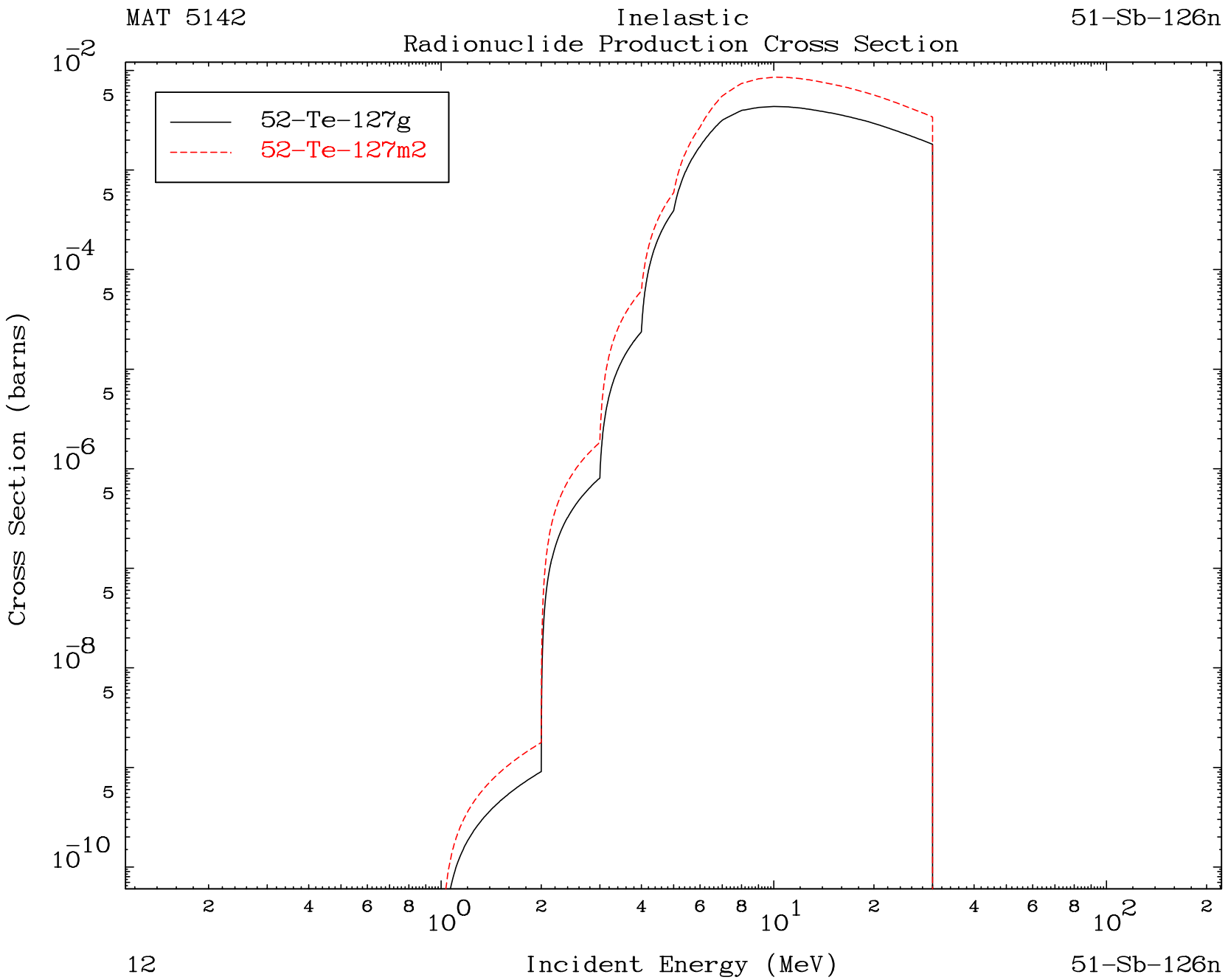

MAT 5142
(d,p) Levels
51-Sb-126n
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
51-Sb-126n

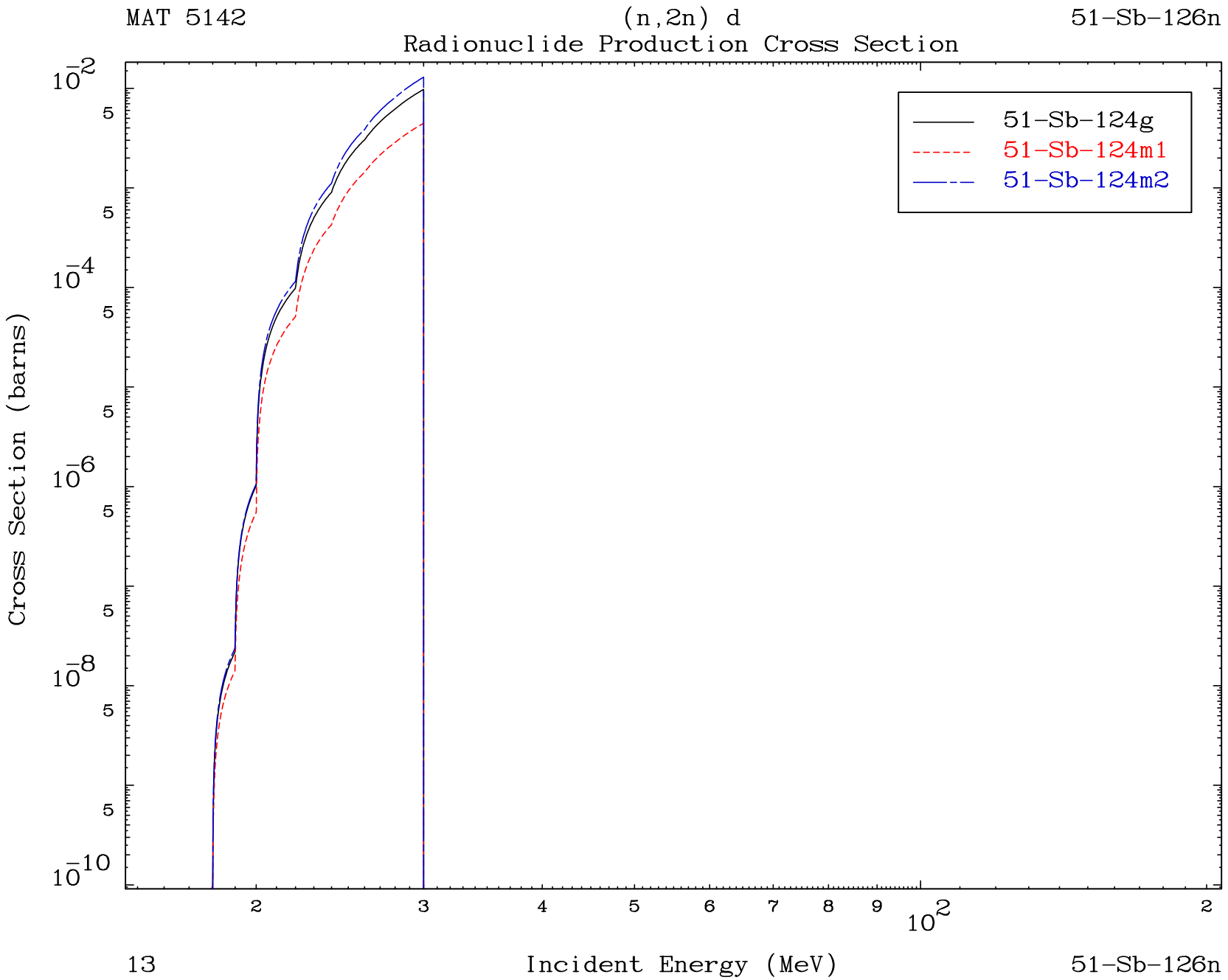

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

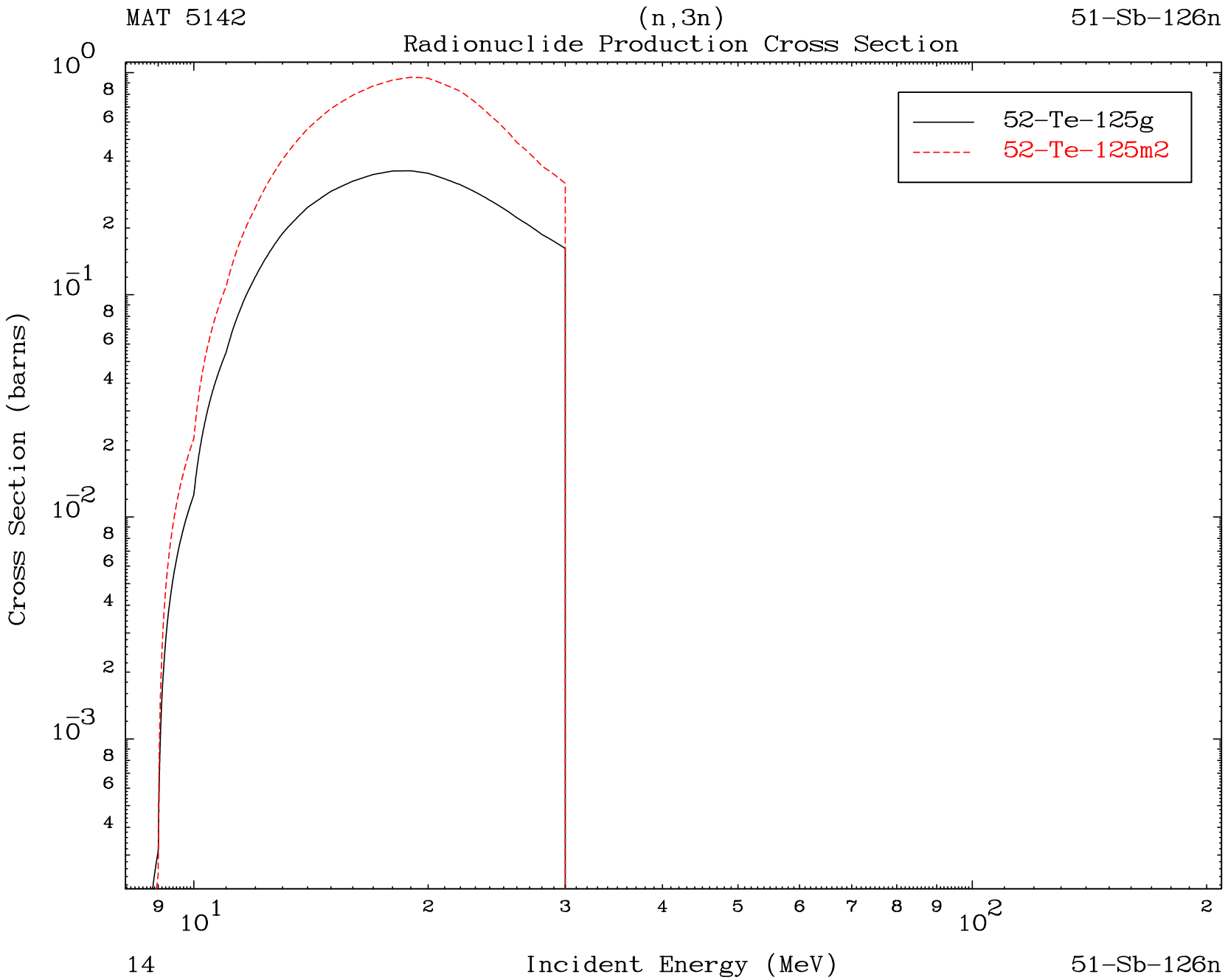

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2

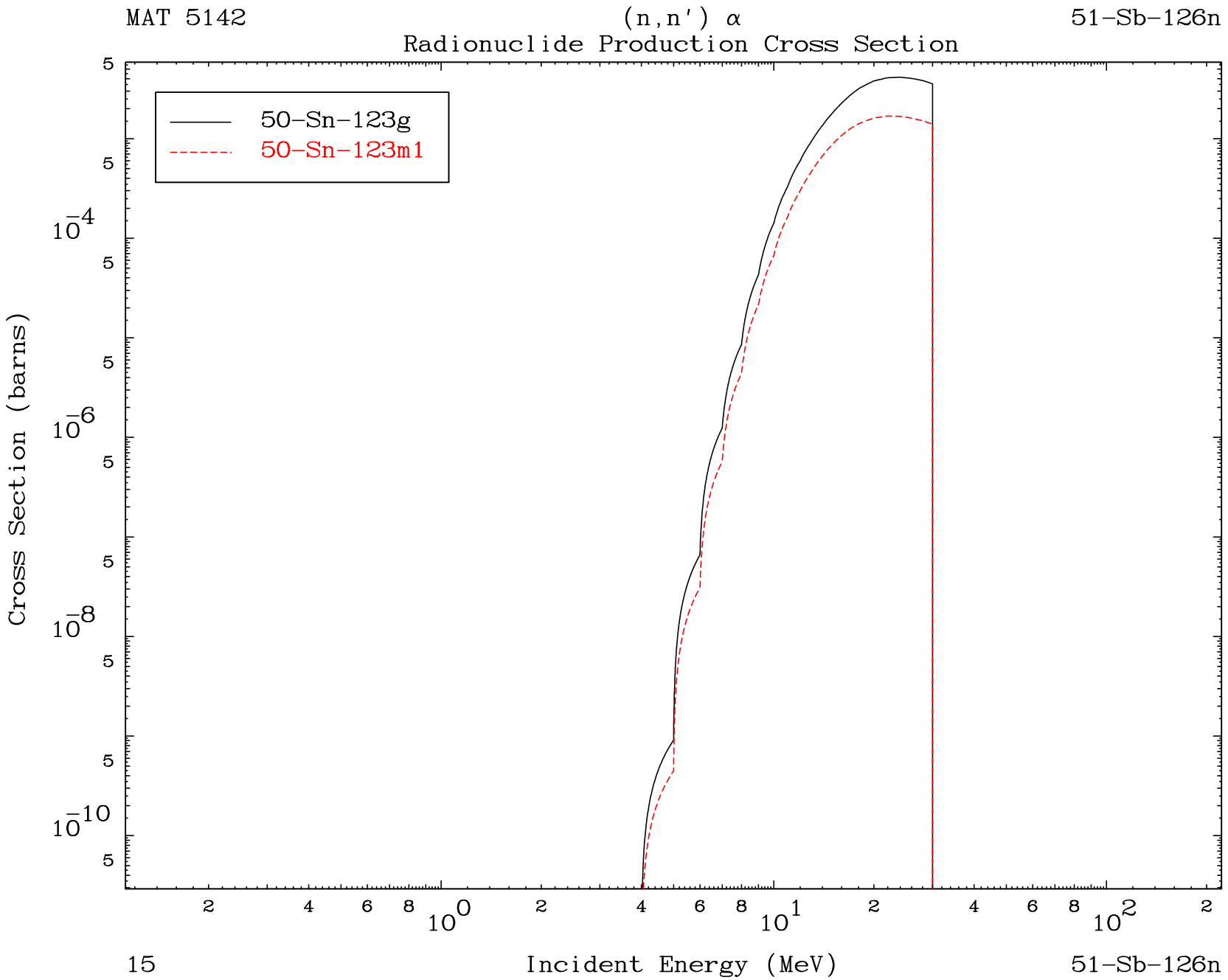

MAT 5142
(d,He3) Levels
51-Sb-126n
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3 4 5 6 7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
10
Incident Energy (MeV)
51-Sb-126n

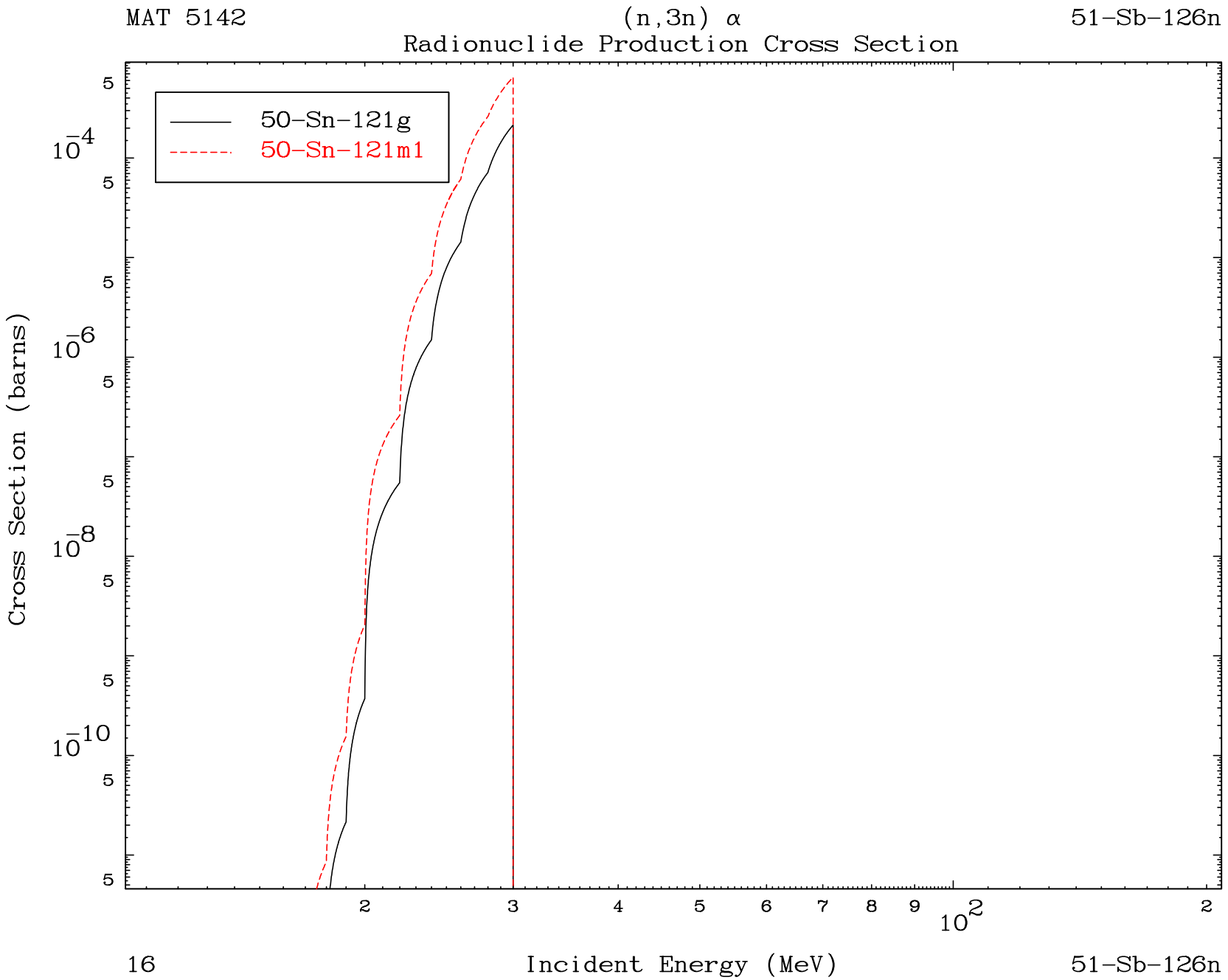

MAT 5142
(d,α) Levels
51-Sb-126n
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
51-Sb-126n

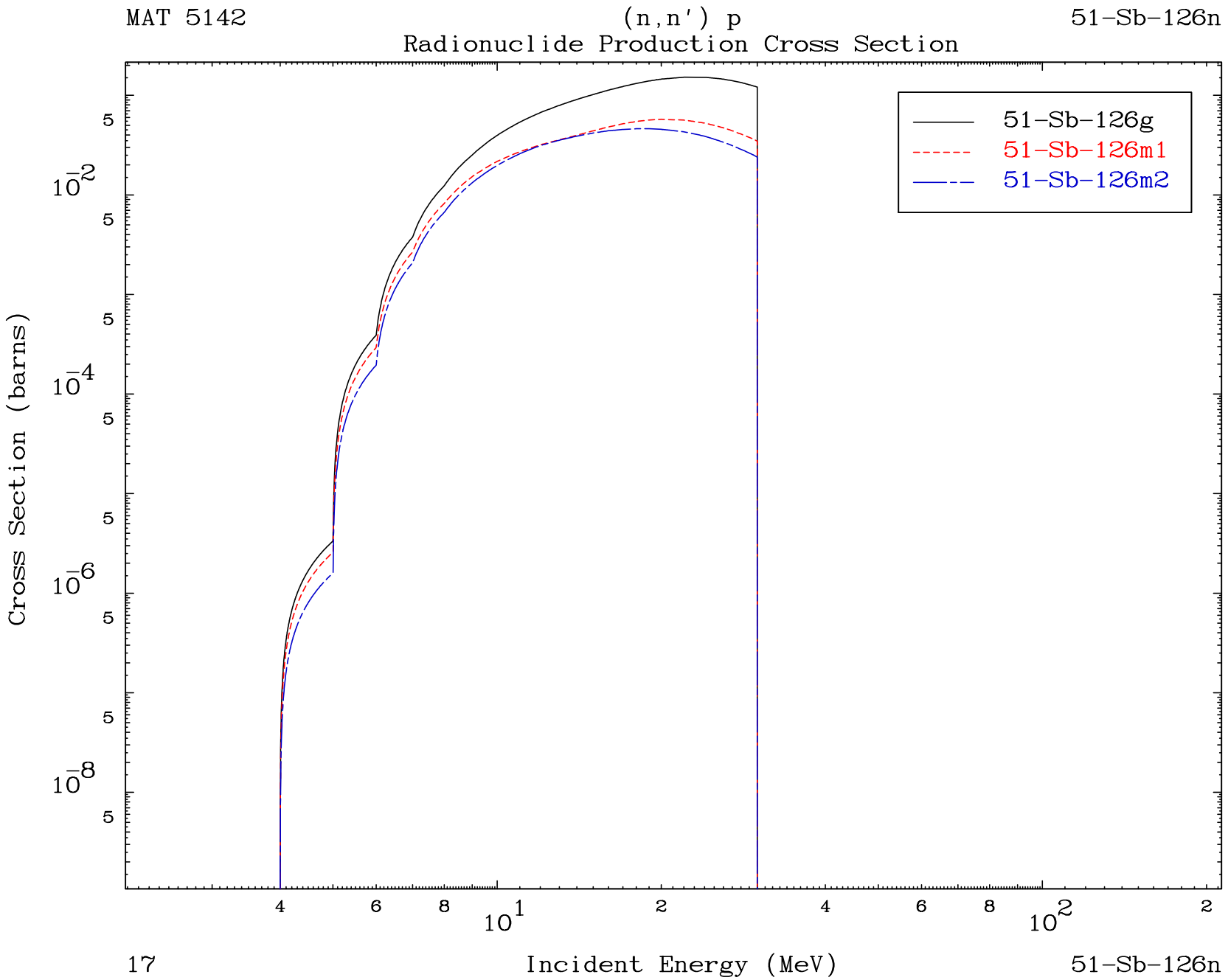

MAT 5142
Inelastic
51-Sb-126n
Radionuclide Production Cross Section
52-Te-127g
52-Te-127m2
Cross Section (barns)
Incident Energy (MeV)
12
51-Sb-126n

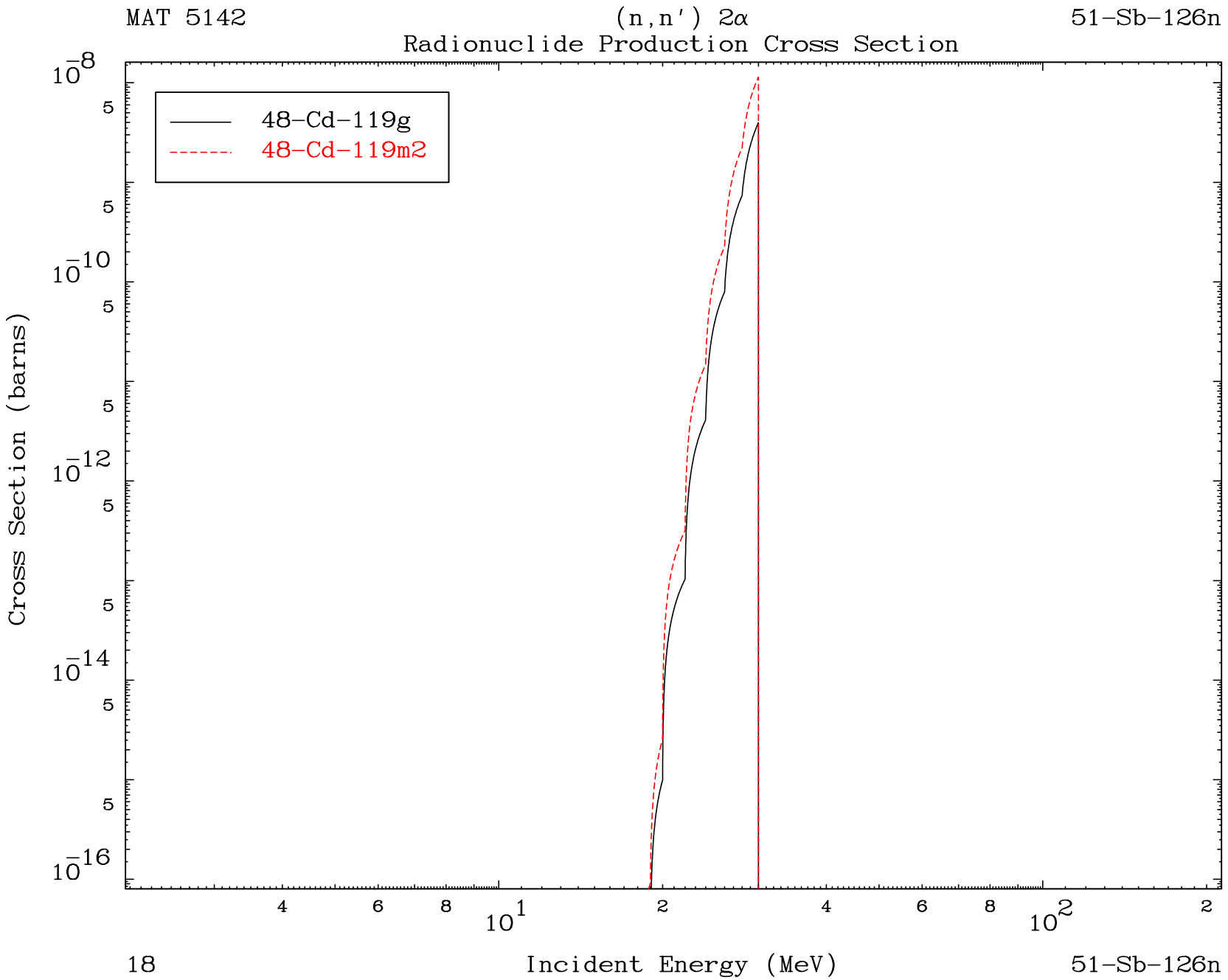

MAT 5142
(n,2n) d
51-Sb-126n
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
51-Sb-126n

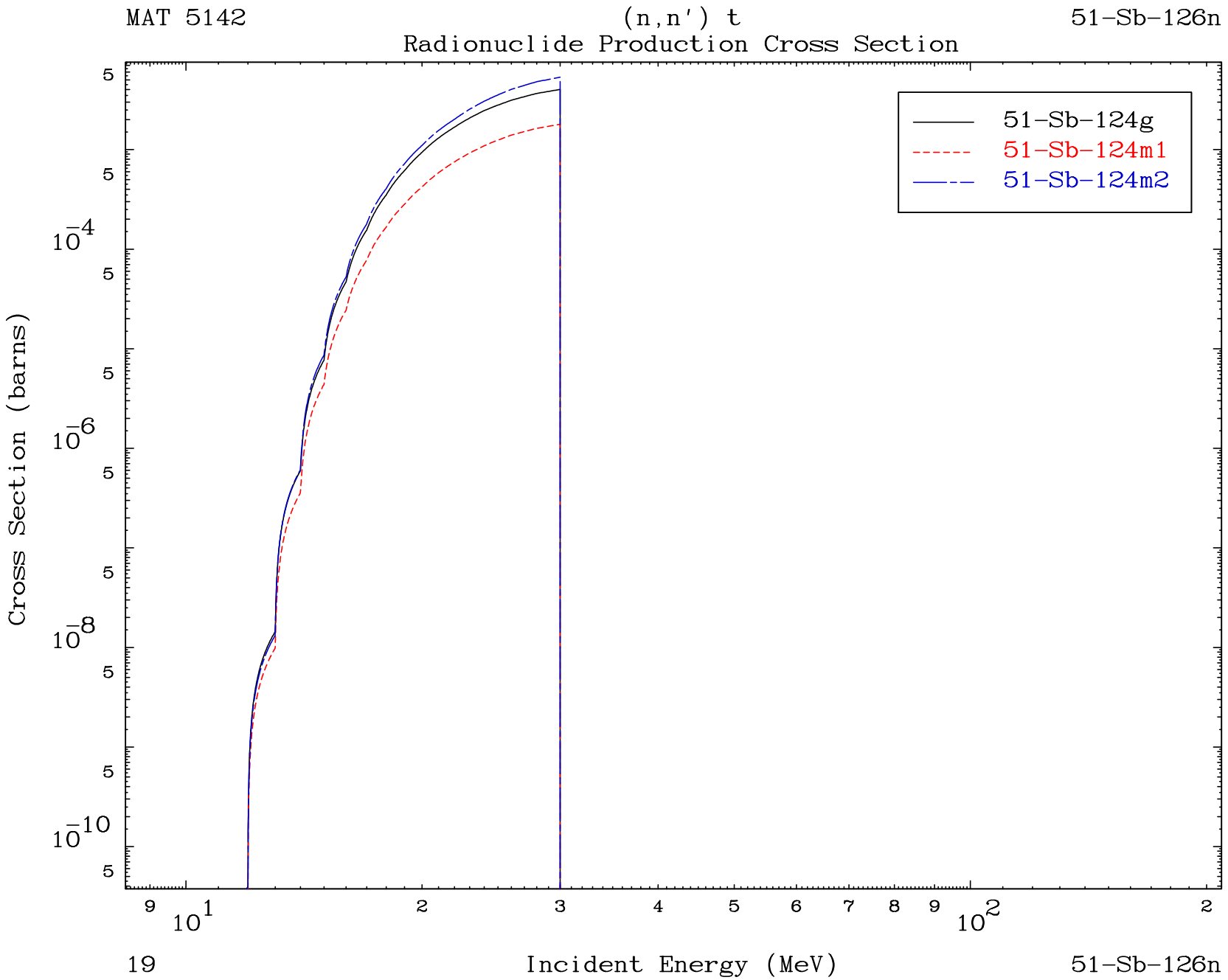

MAT 5142
(n,3n)
51-Sb-126n
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
Incident Energy (MeV)
14
51-Sb-126n

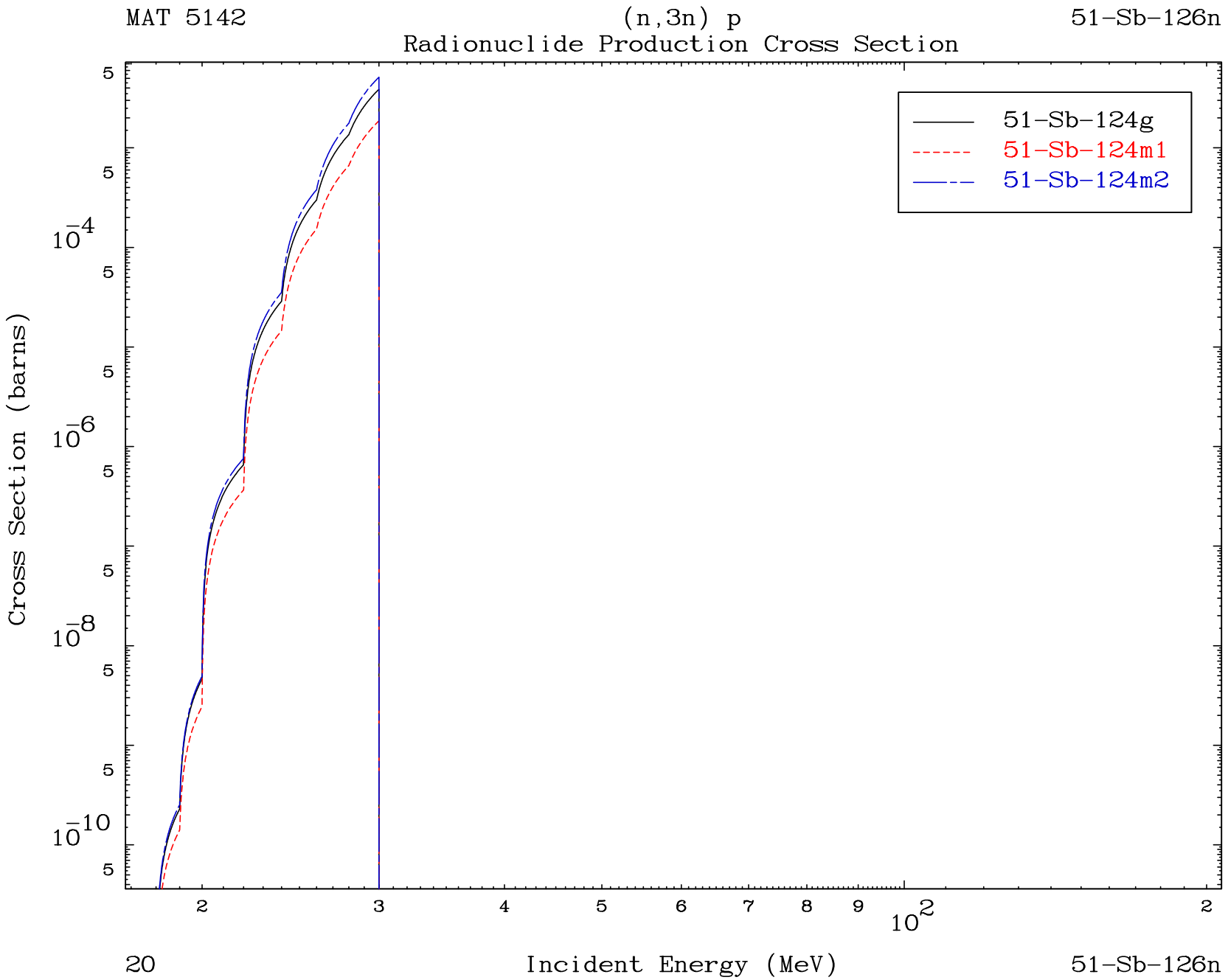

MAT 5142
(n,n') α
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
15
51-Sb-126n

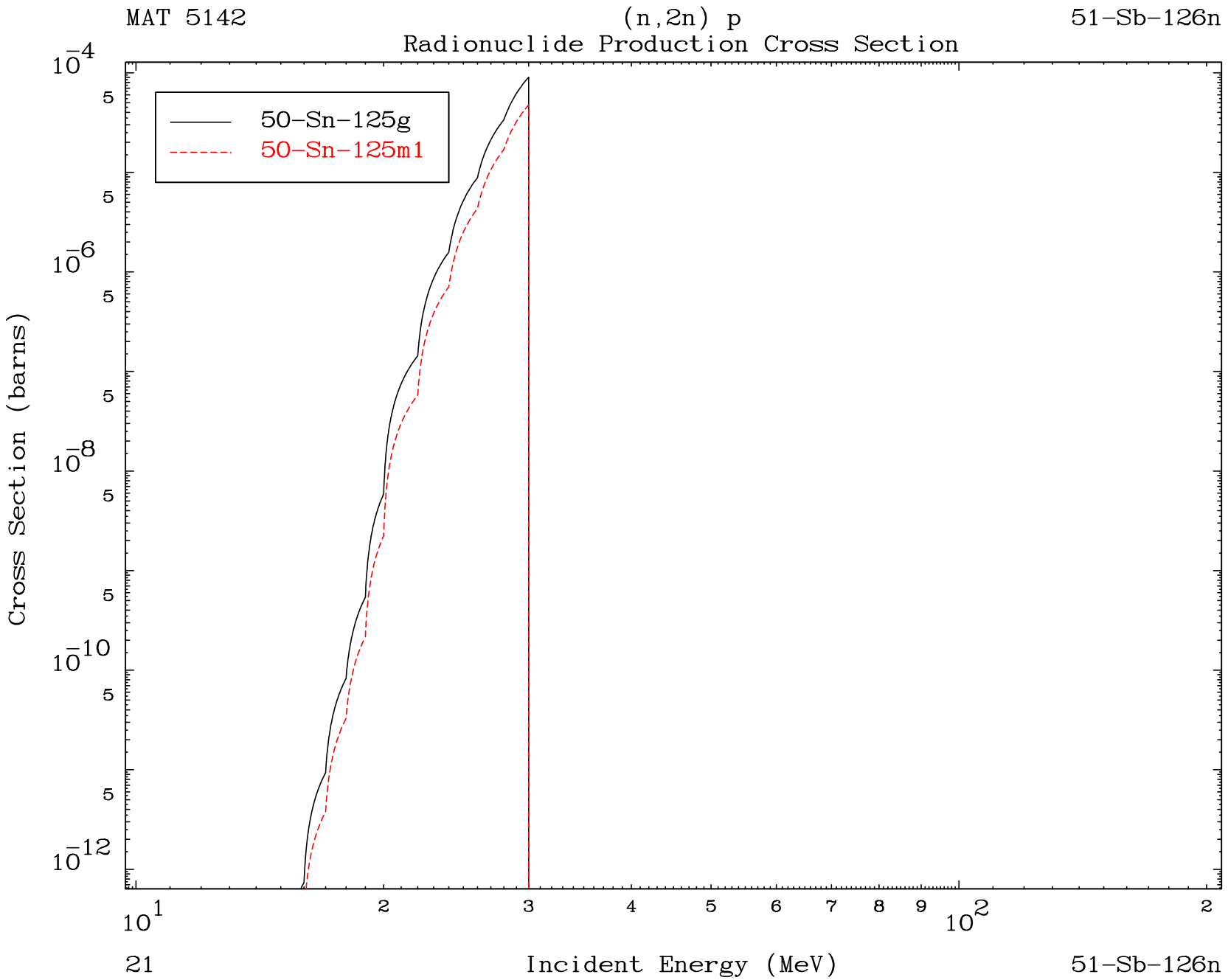

MAT 5142
(n,3n) α
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
51-Sb-126n

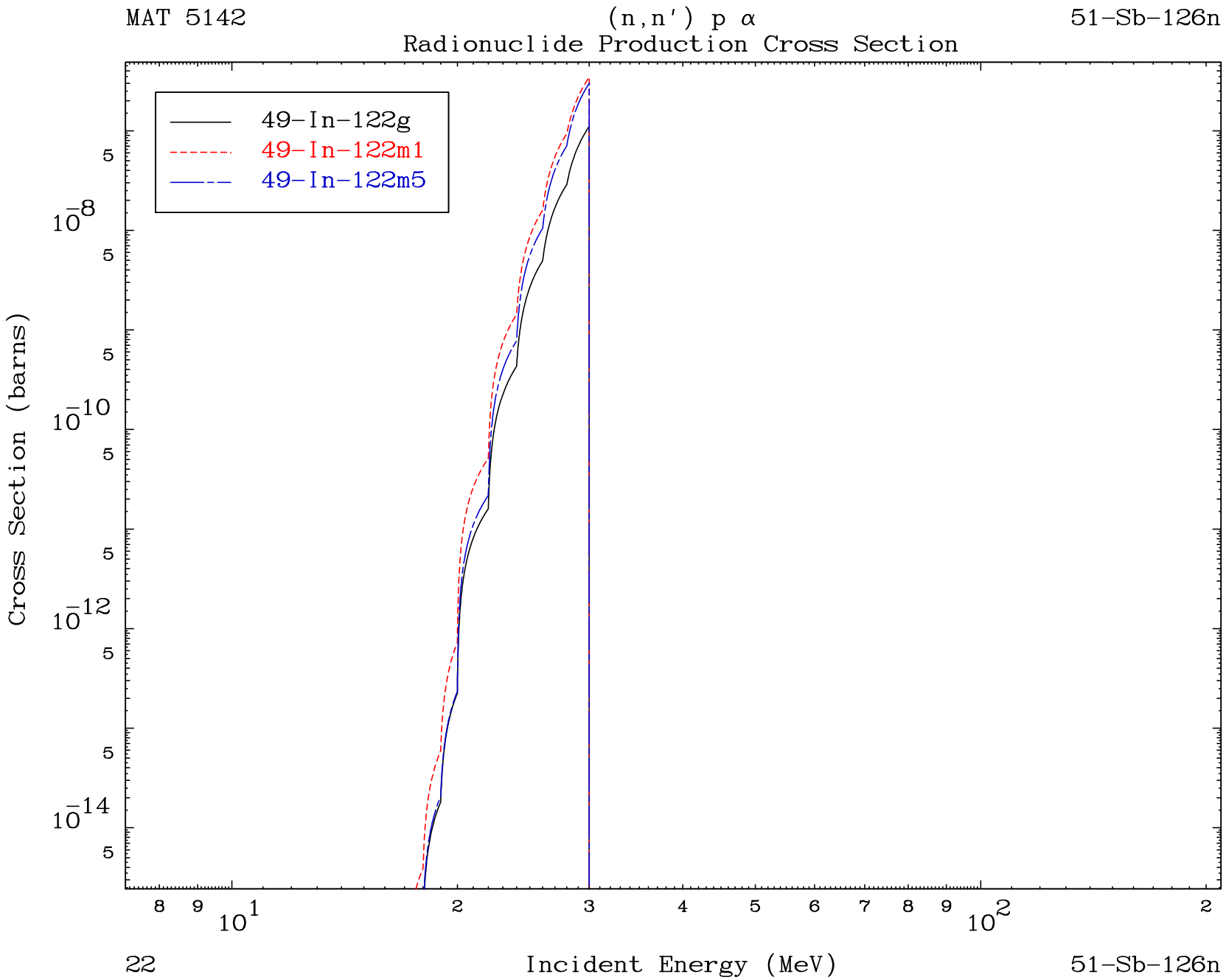

MAT 5142
(n,n') p
51-Sb-126n
Radionuclide Production Cross Section
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
Cross Section (barns)
Incident Energy (MeV)
17
51-Sb-126n

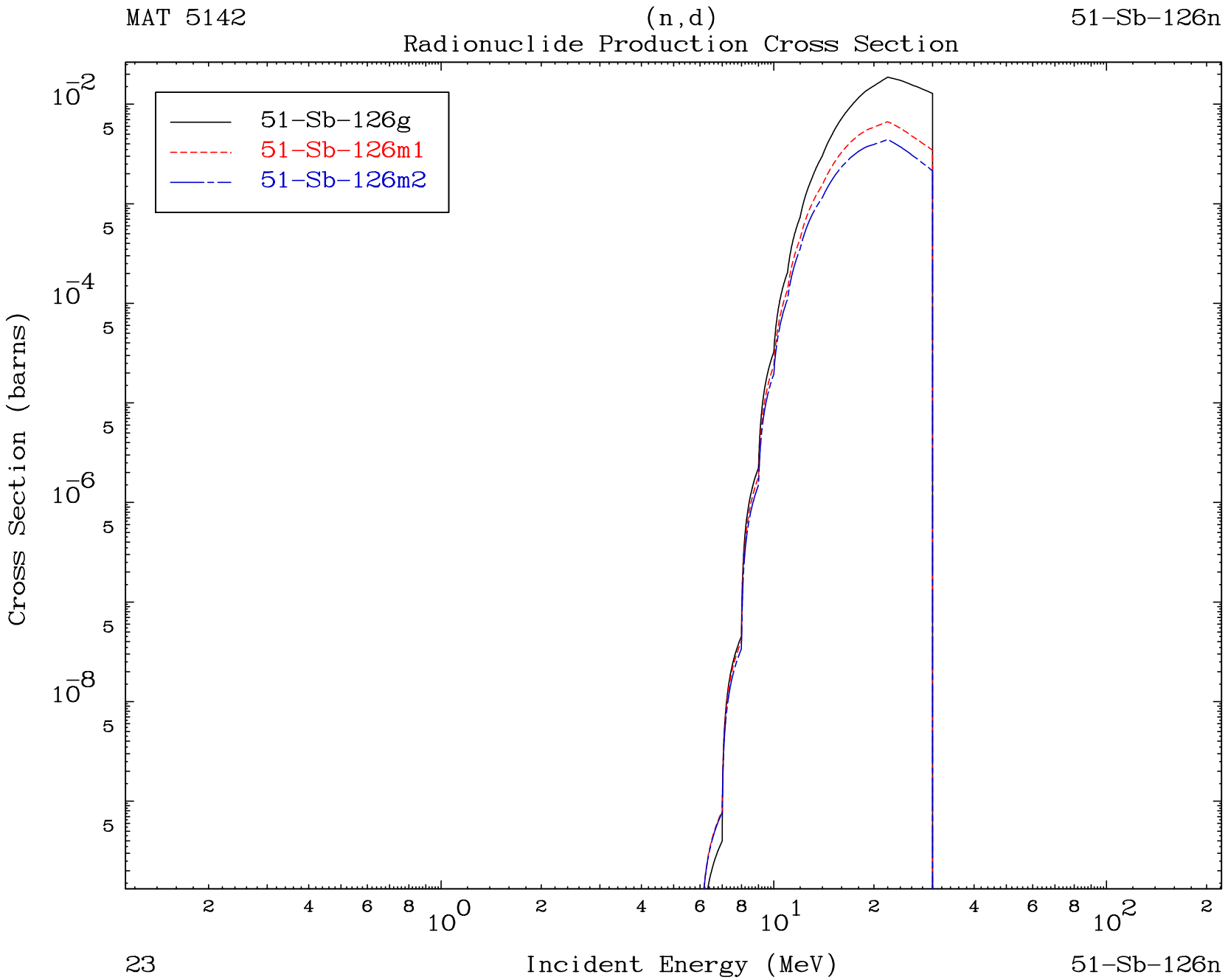

MAT 5142
(n,n') 2α
51-Sb-126n
Radionuclide Production Cross Section
48-Cd-119g
48-Cd-119m2
Cross Section (barns)
Incident Energy (MeV)
18
51-Sb-126n

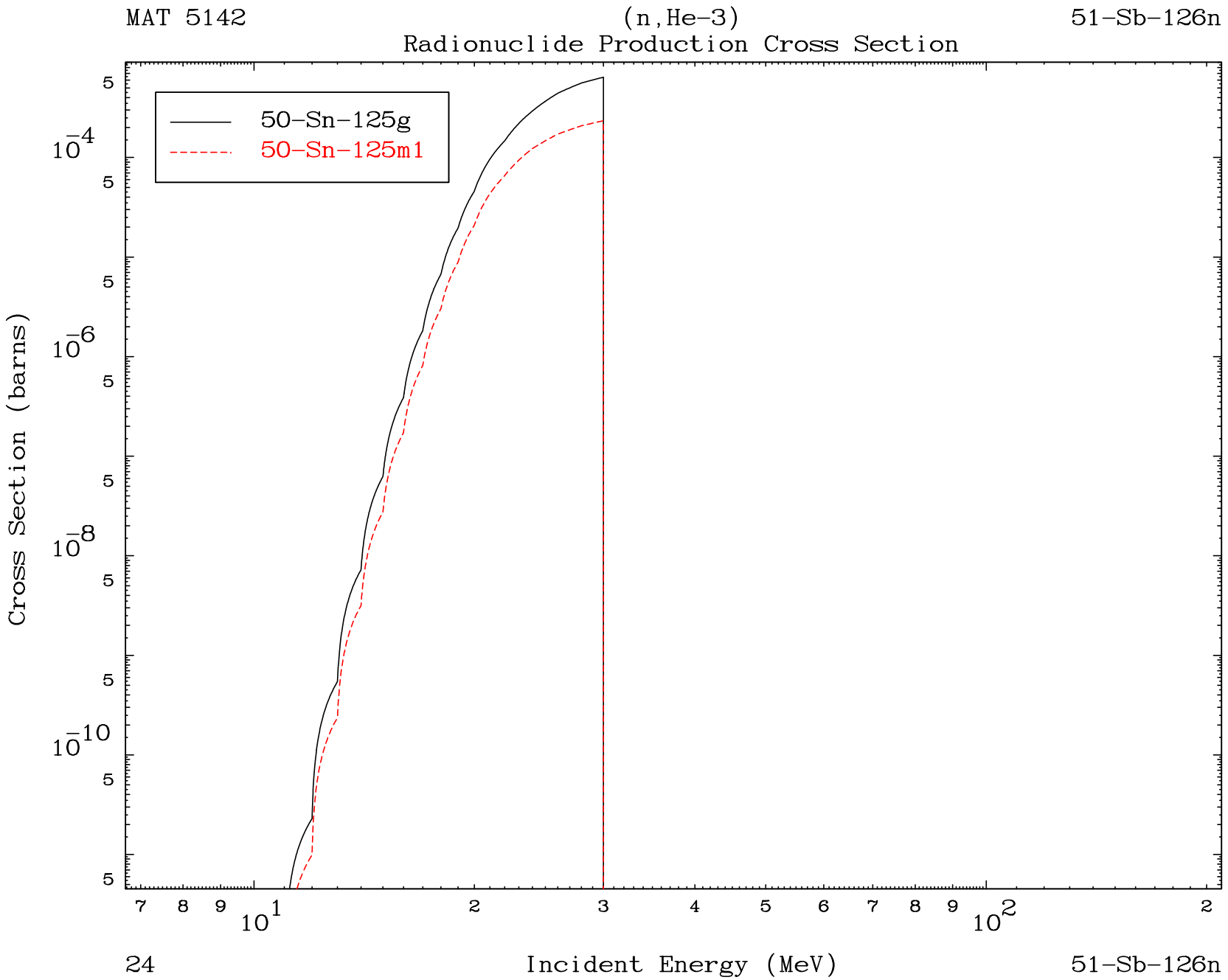

MAT 5142
(n,n') t
51-Sb-126n
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
Incident Energy (MeV)
19
51-Sb-126n

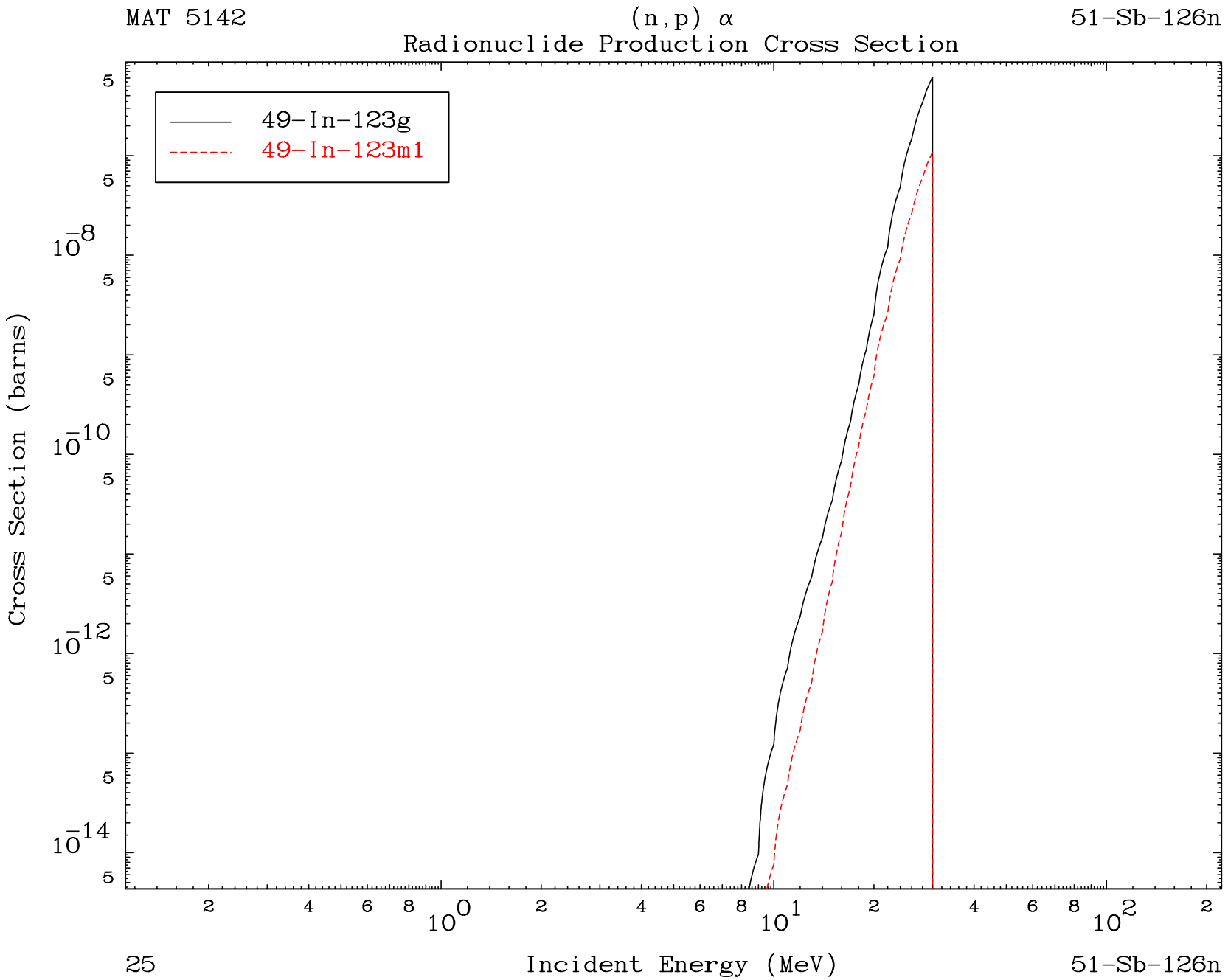

MAT 5142
(n,3n) p
51-Sb-126n
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
51-Sb-126n

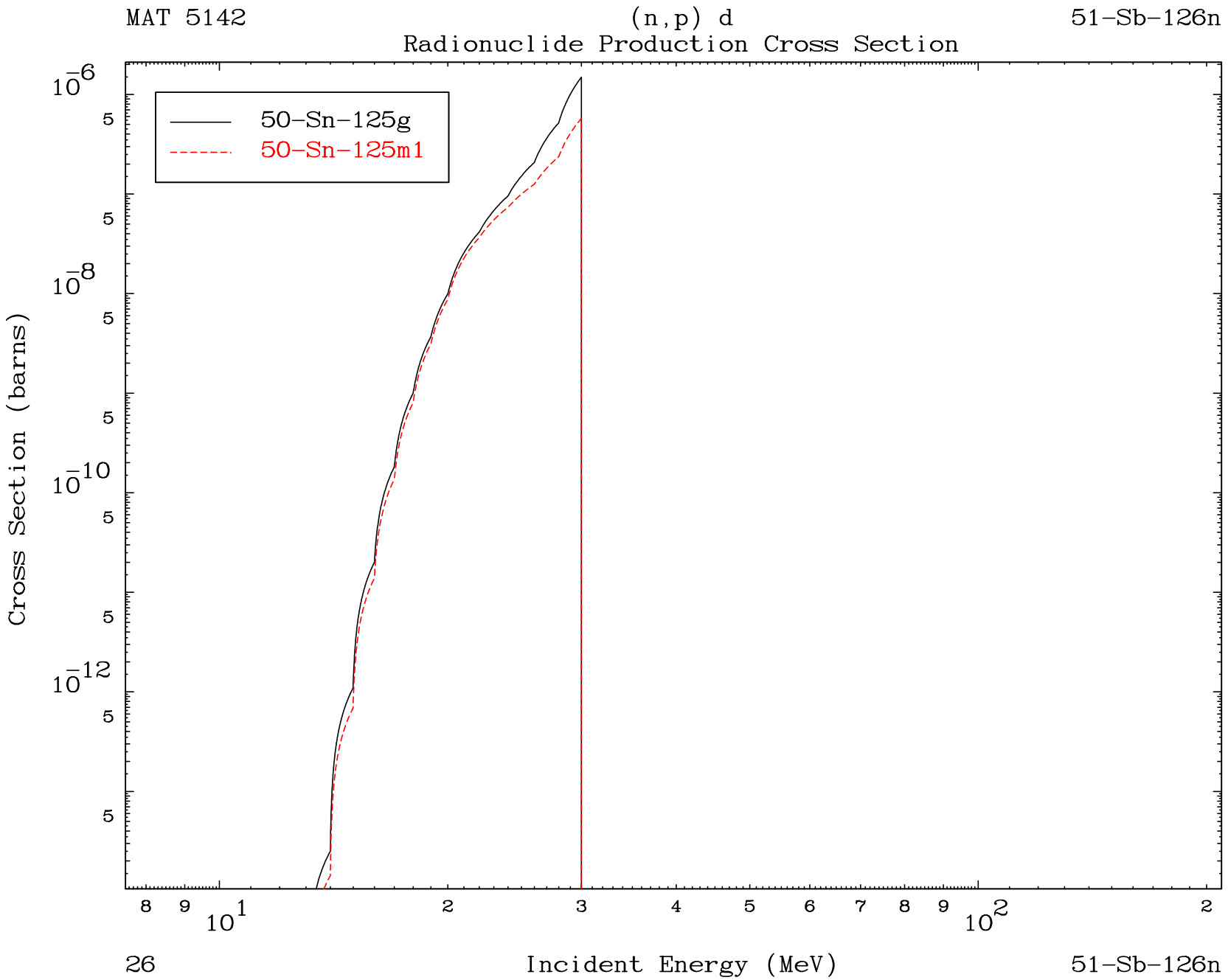

MAT 5142
(n,2n) p
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
Incident Energy (MeV)
21
51-Sb-126n

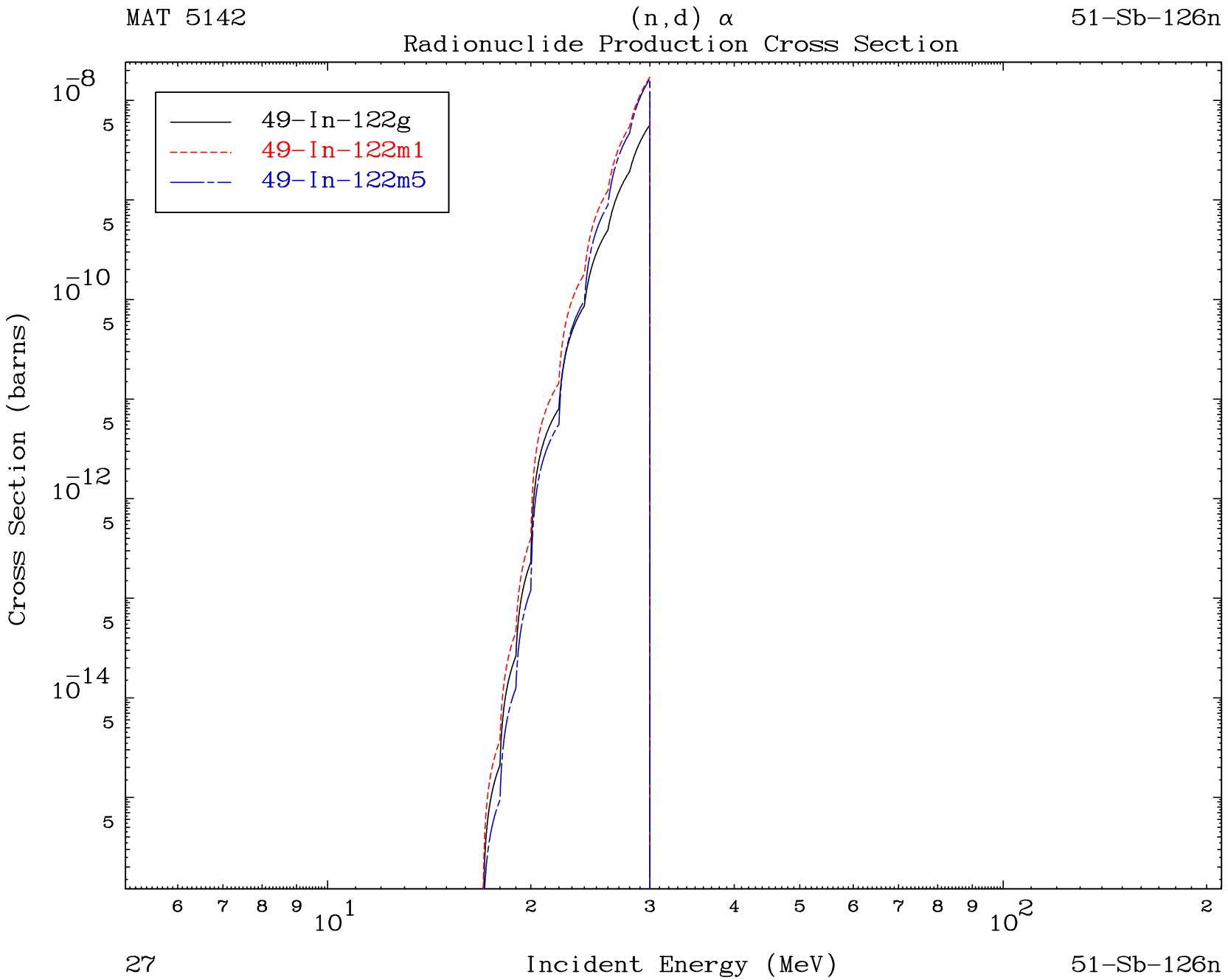

MAT 5142
(n,n') p α
51-Sb-126n
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
22
51-Sb-126n


MAT 5142
(n,d)
51-Sb-126n
Radionuclide Production Cross Section
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
Cross Section (barns)
Incident Energy (MeV)
23
51-Sb-126n


MAT 5142
(n,He-3)
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
24
51-Sb-126n


MAT 5142
(n,p) α
51-Sb-126n
Radionuclide Production Cross Section
49-In-123g
49-In-123m1
Cross Section (barns)
Incident Energy (MeV)
25
51-Sb-126n


MAT 5142
(n,p) d
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
Incident Energy (MeV)
26
51-Sb-126n


MAT 5142
(n,d) α
51-Sb-126n
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
27
51-Sb-126n