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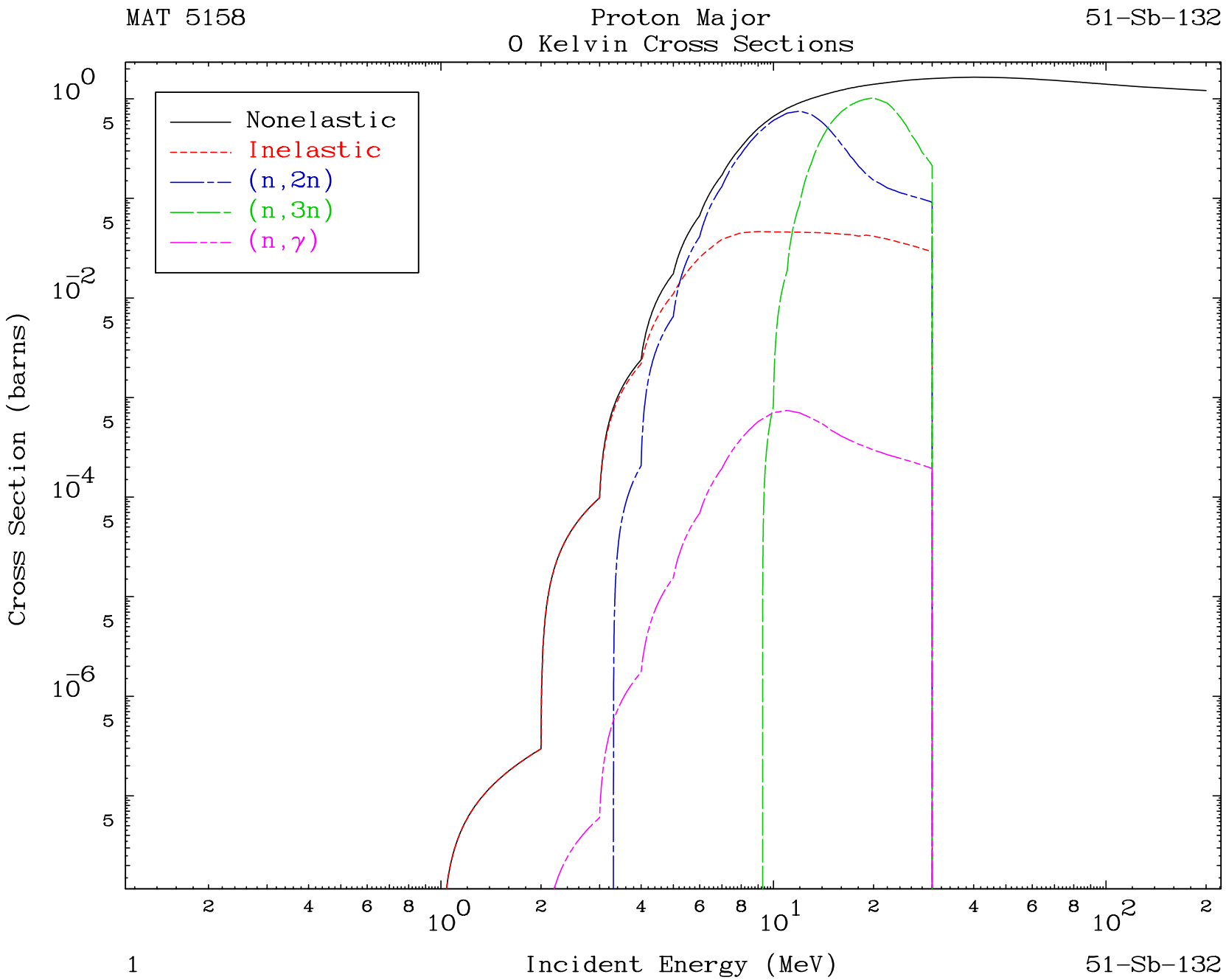
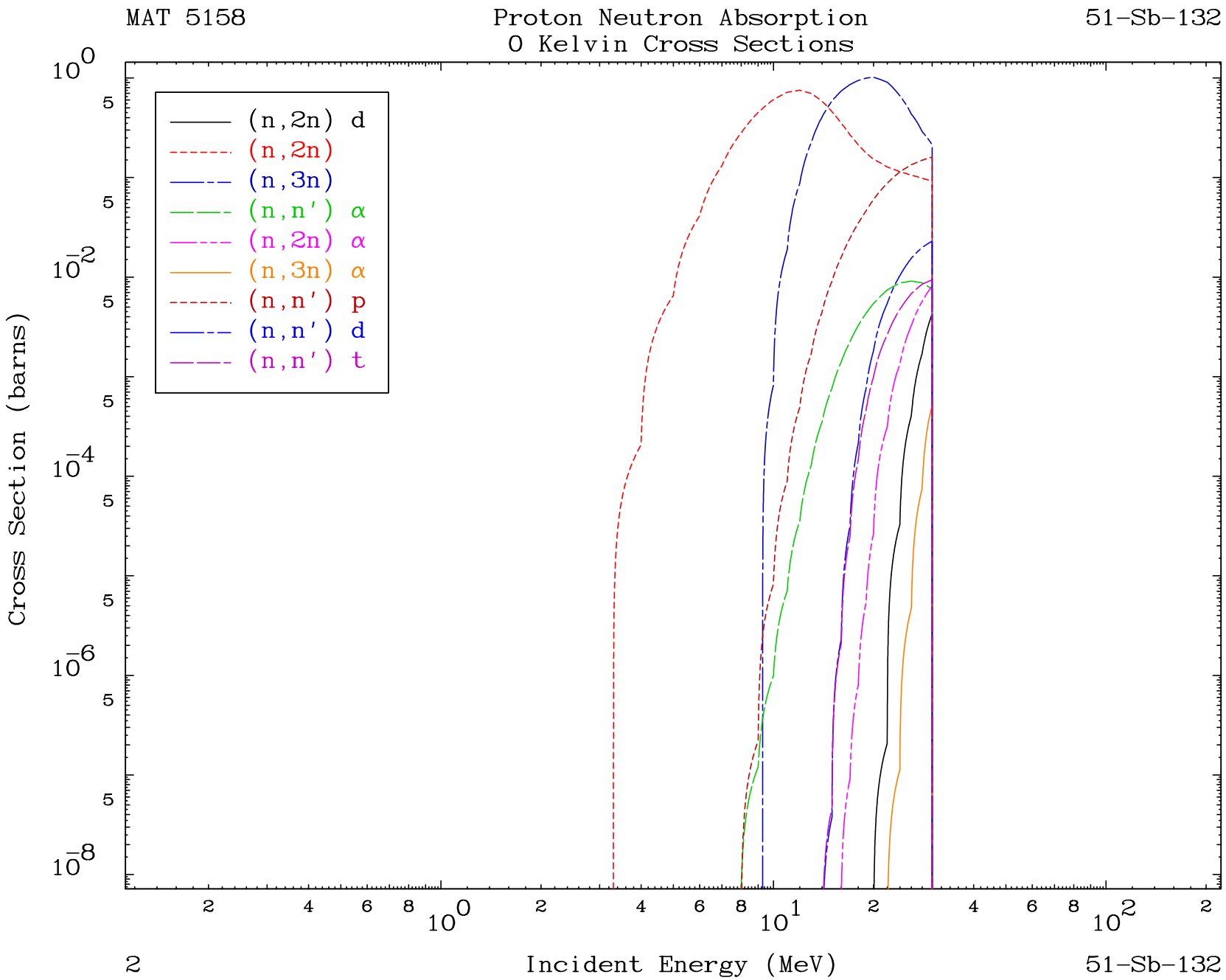
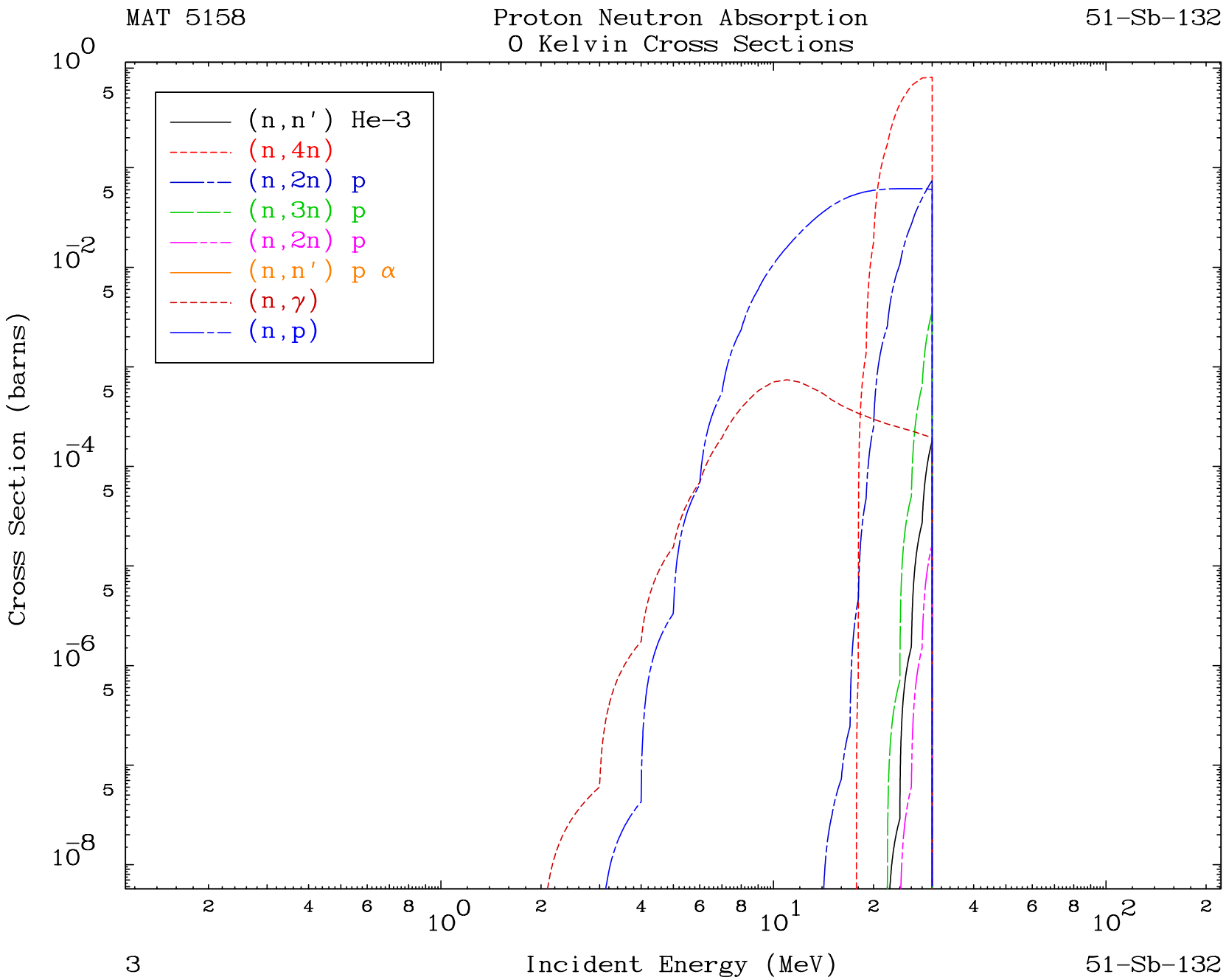
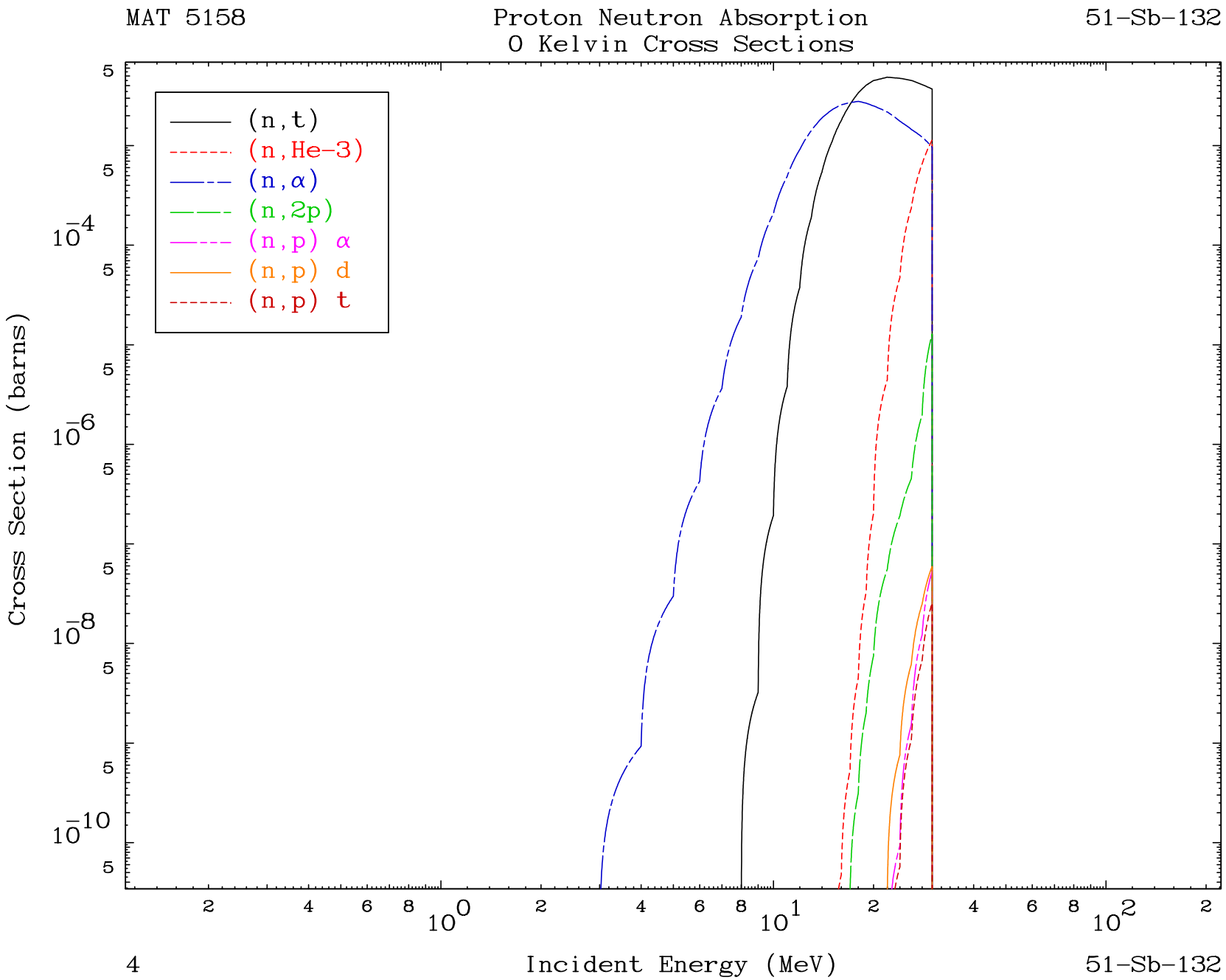
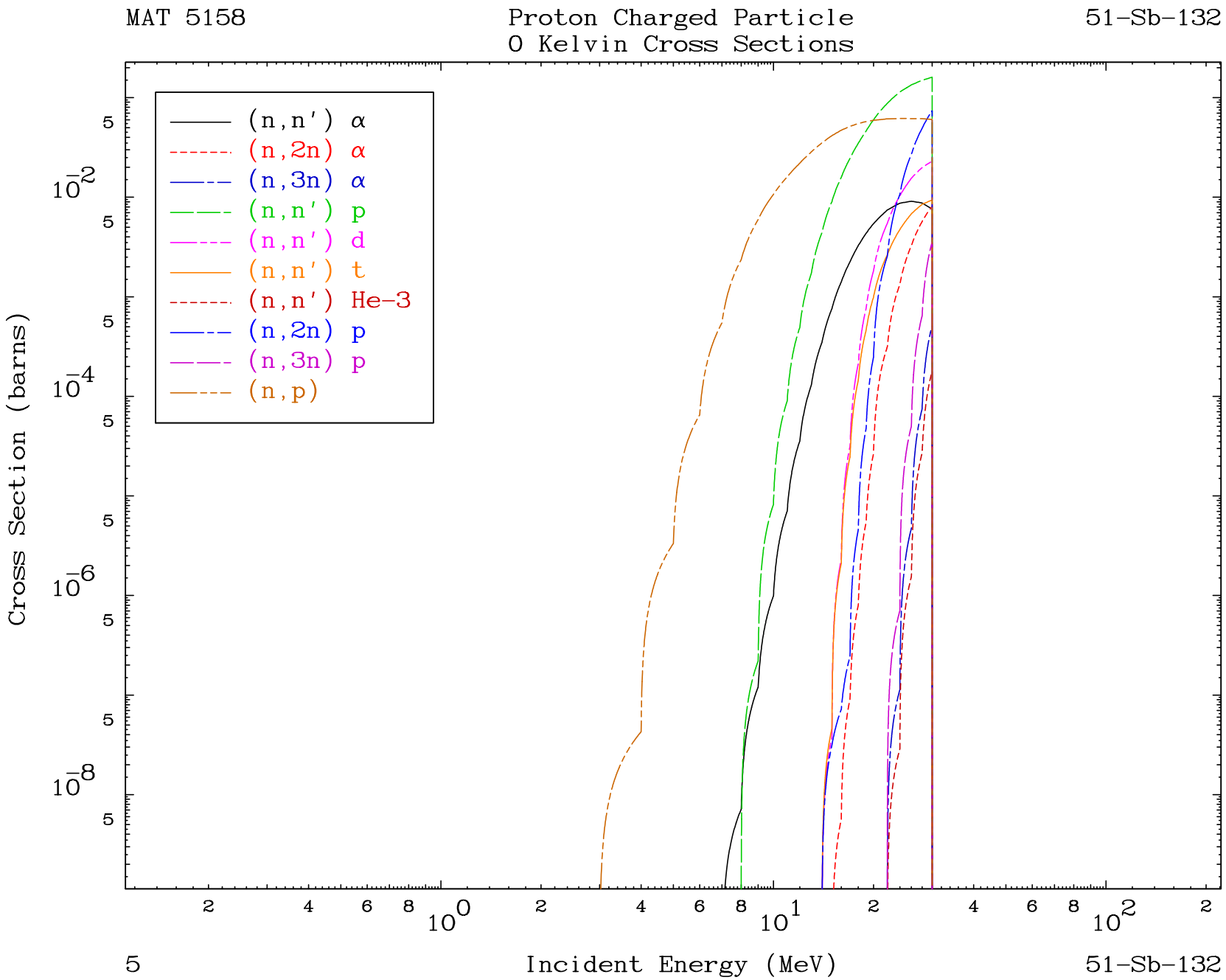
Press Mouse Button to Start

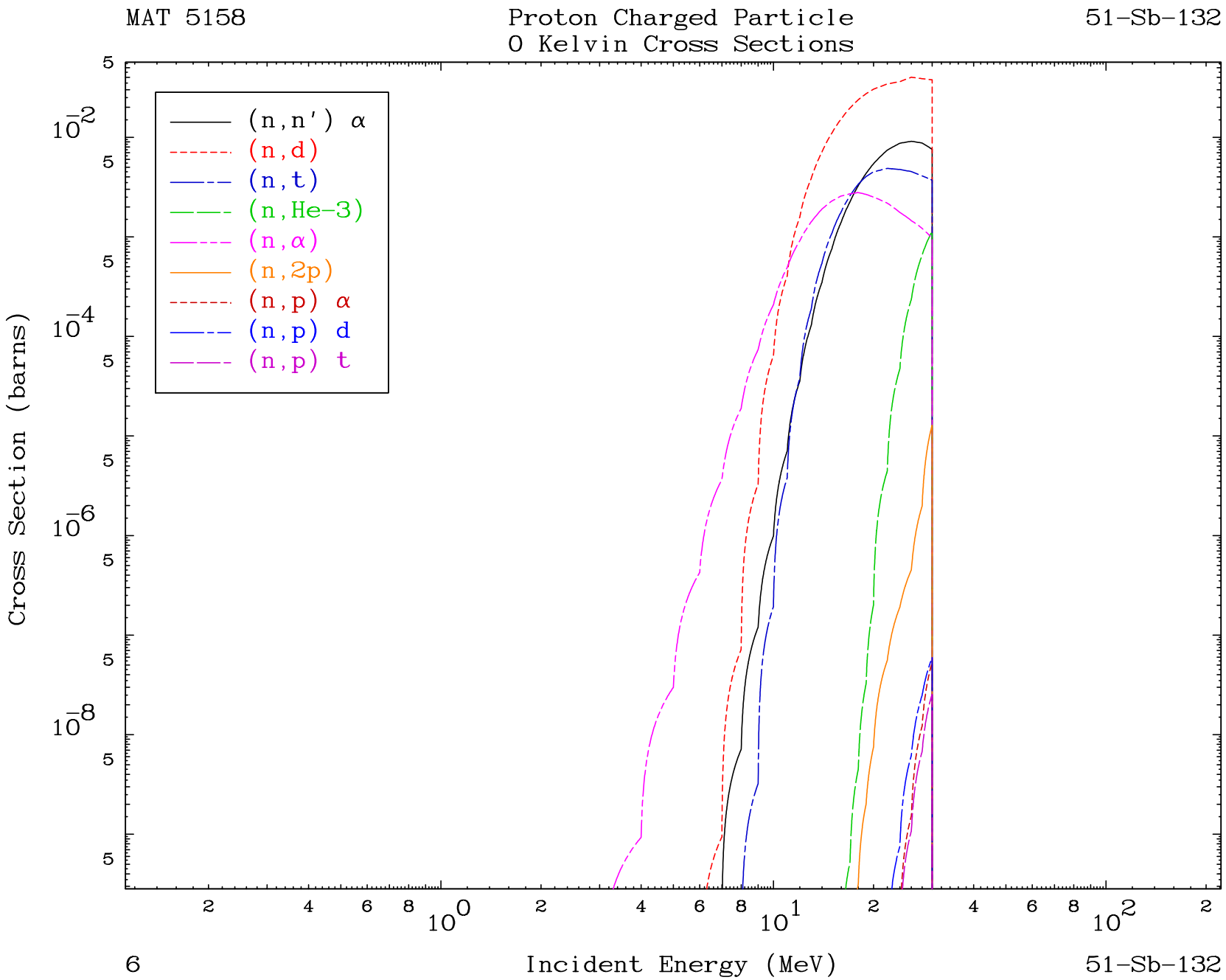

MAT 5158
Proton Major
51-Sb-132
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-132

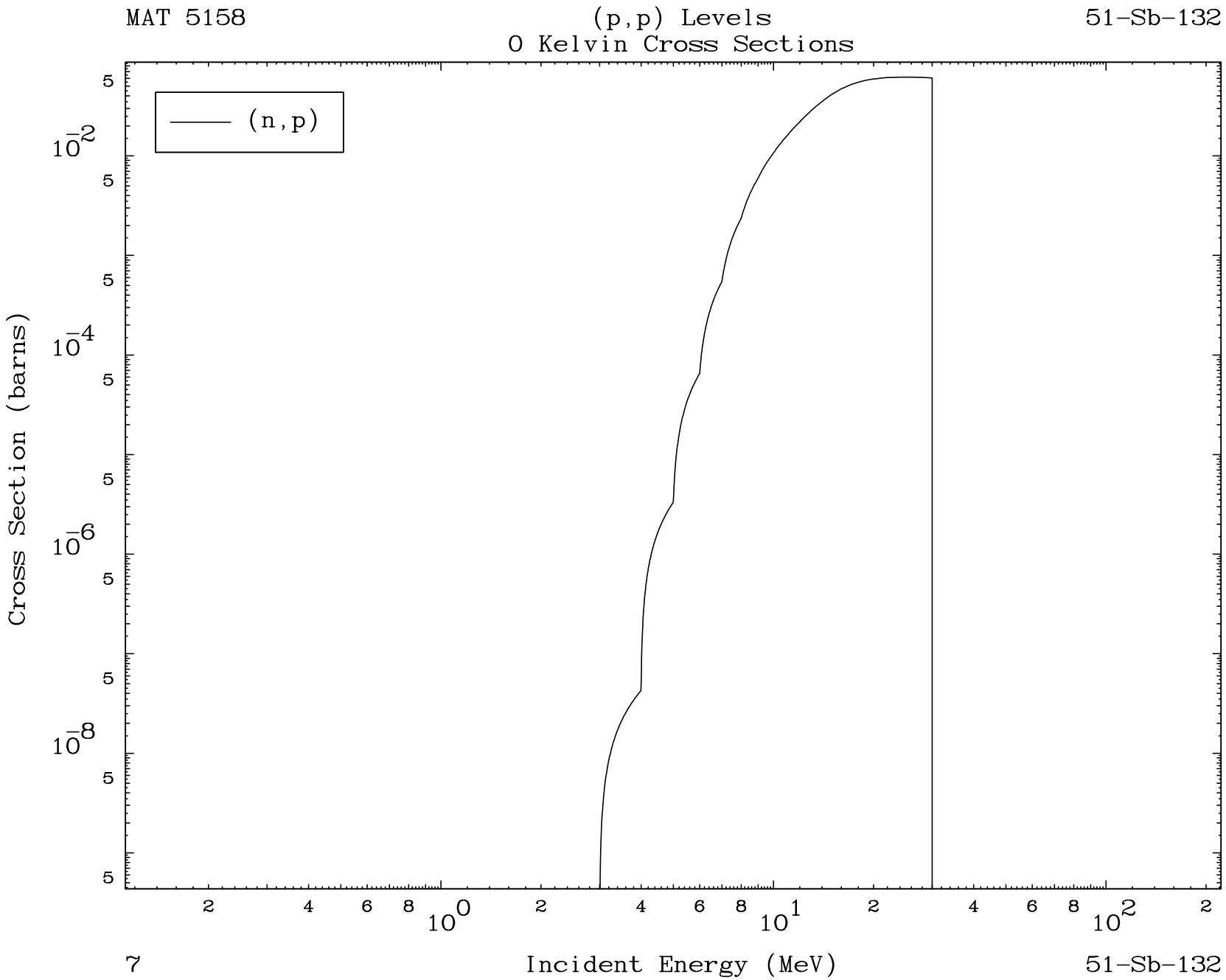

MAT 5158
Proton Neutron Absorption
0 Kelvin Cross Sections
51-Sb-132
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
51-Sb-132

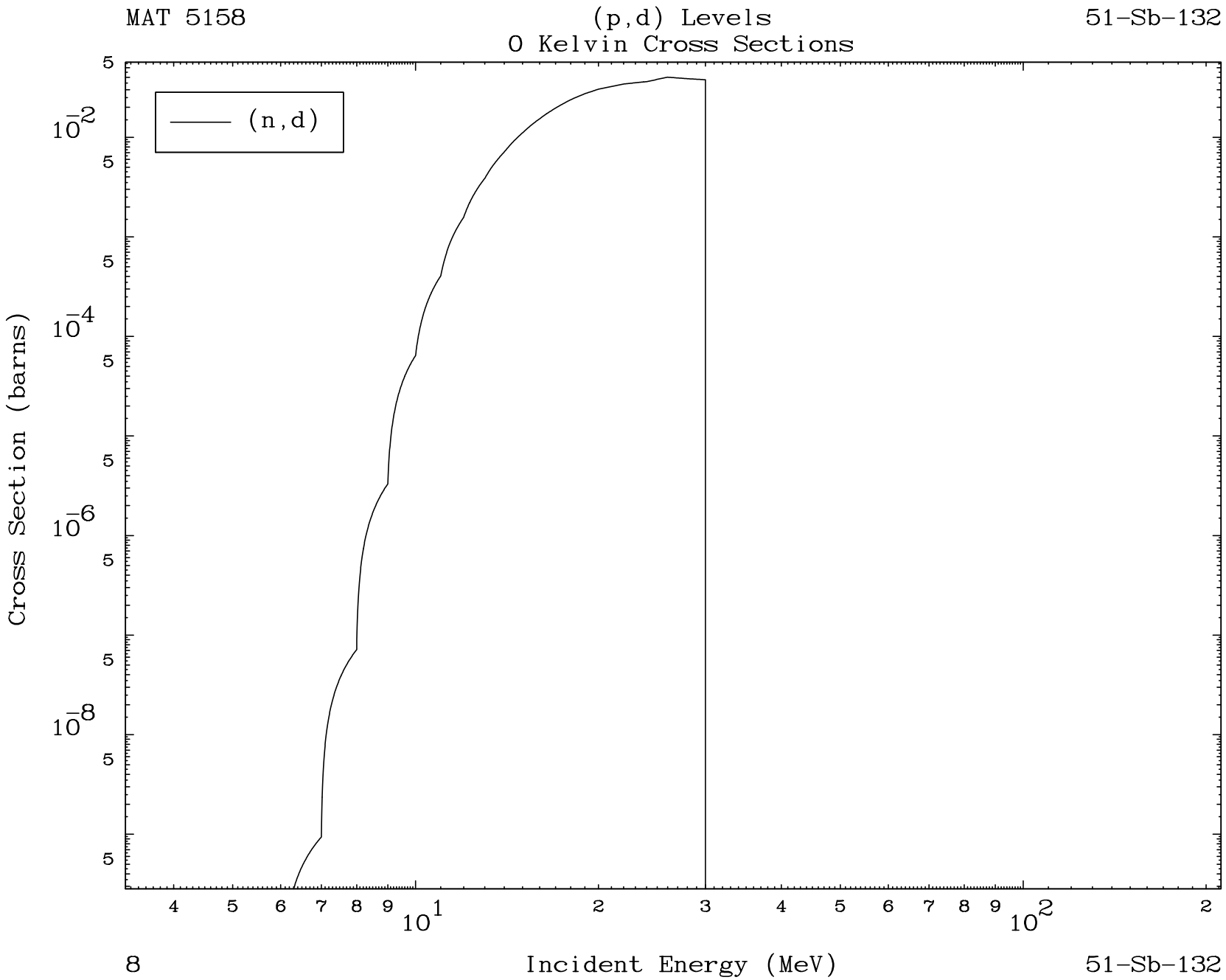

MAT 5158
Proton Neutron Absorption
0 Kelvin Cross Sections
51-Sb-132
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
3
51-Sb-132

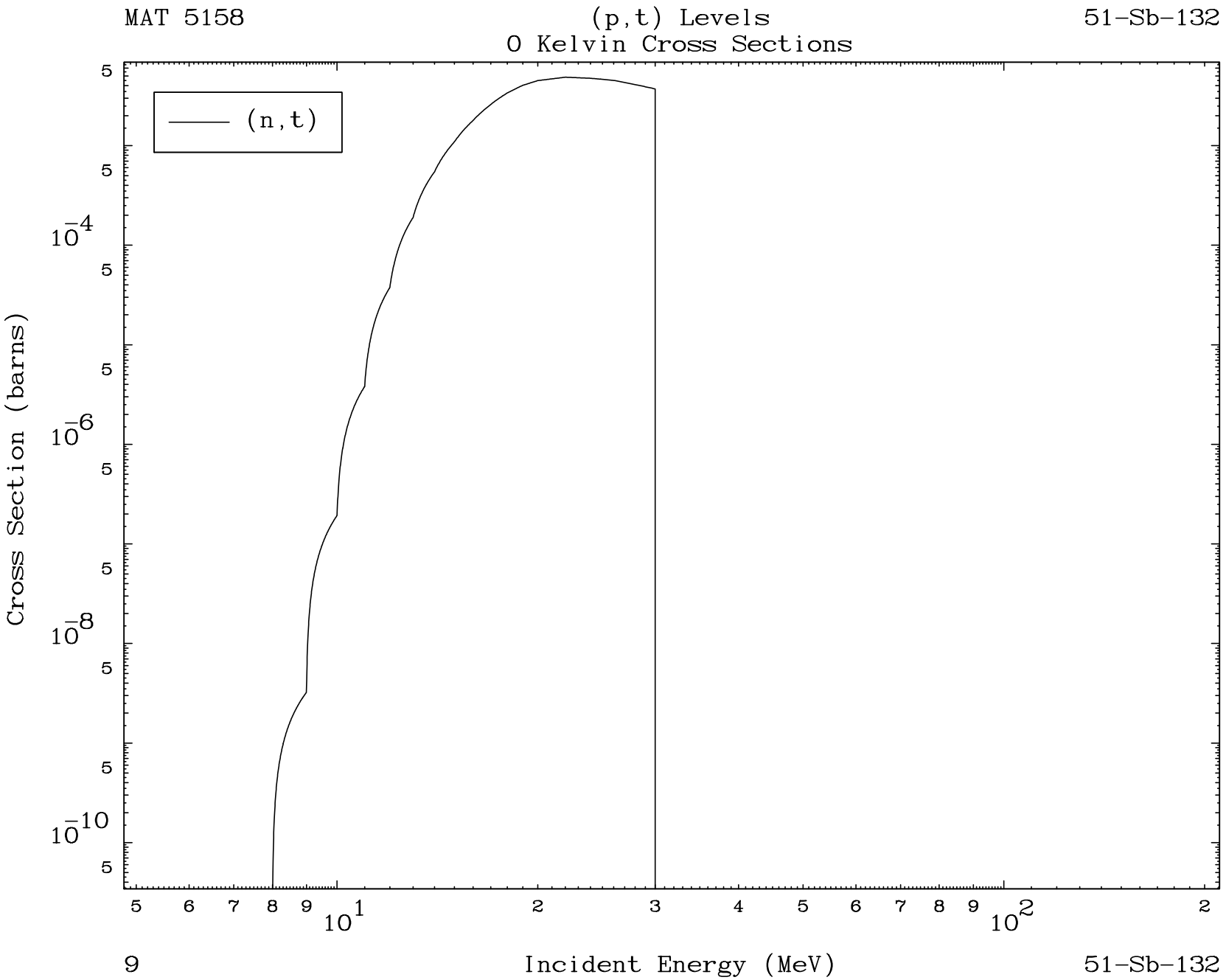

MAT 5158
Proton Neutron Absorption
0 Kelvin Cross Sections
51-Sb-132
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
51-Sb-132

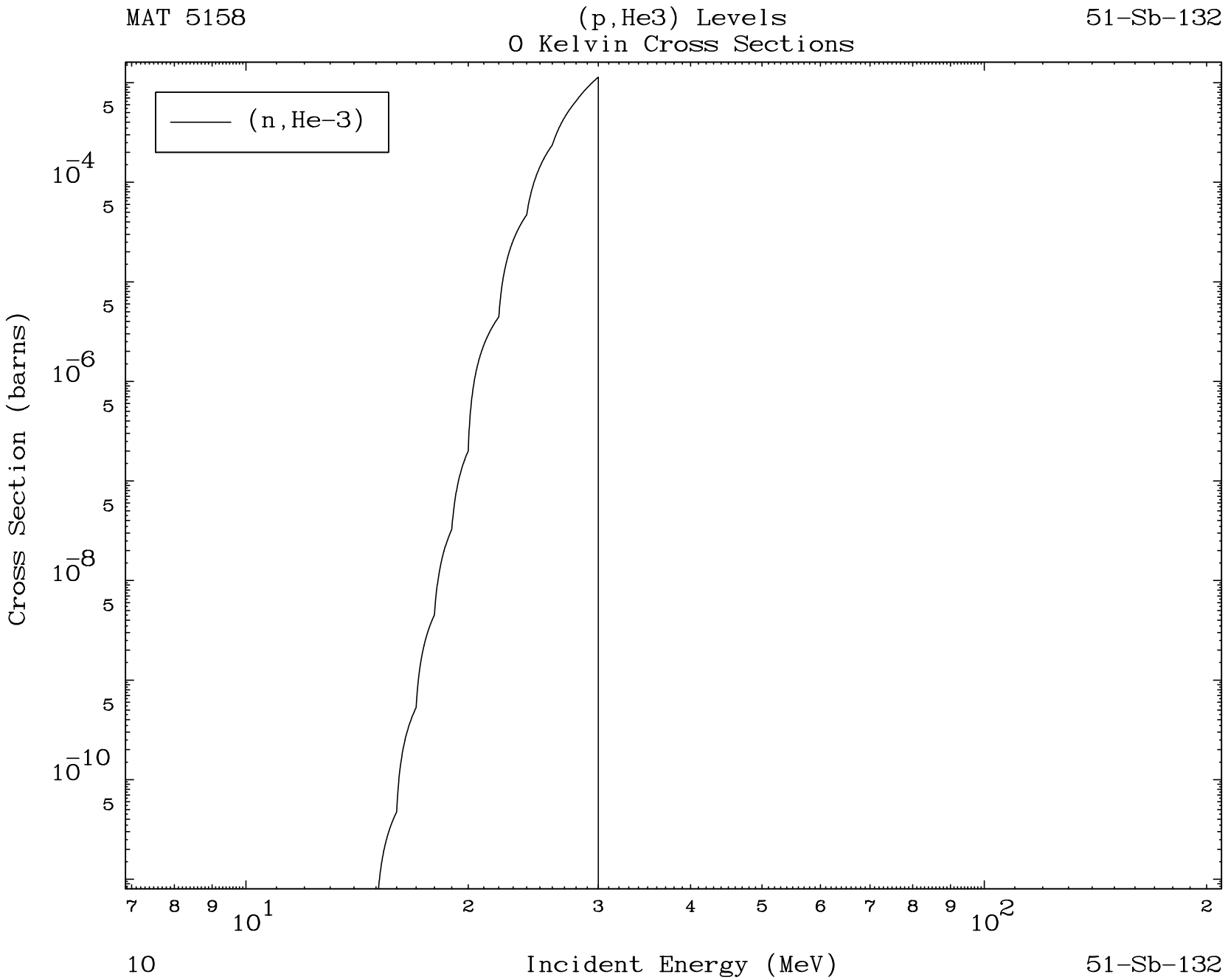

MAT 5158
Proton Charged Particle
0 Kelvin Cross Sections
51-Sb-132
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-132

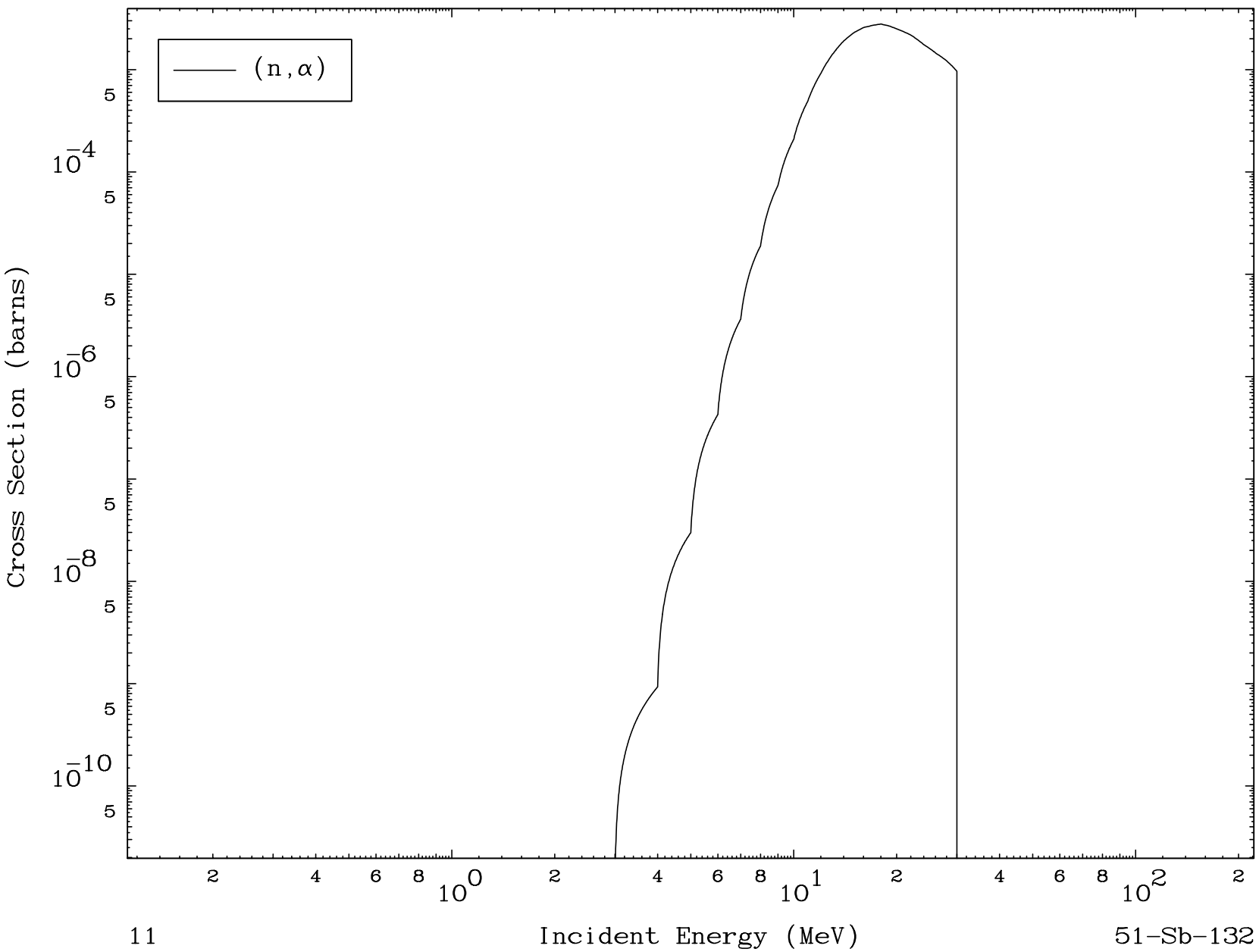

MAT 5158
Proton Charged Particle
0 Kelvin Cross Sections
51-Sb-132
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
51-Sb-132

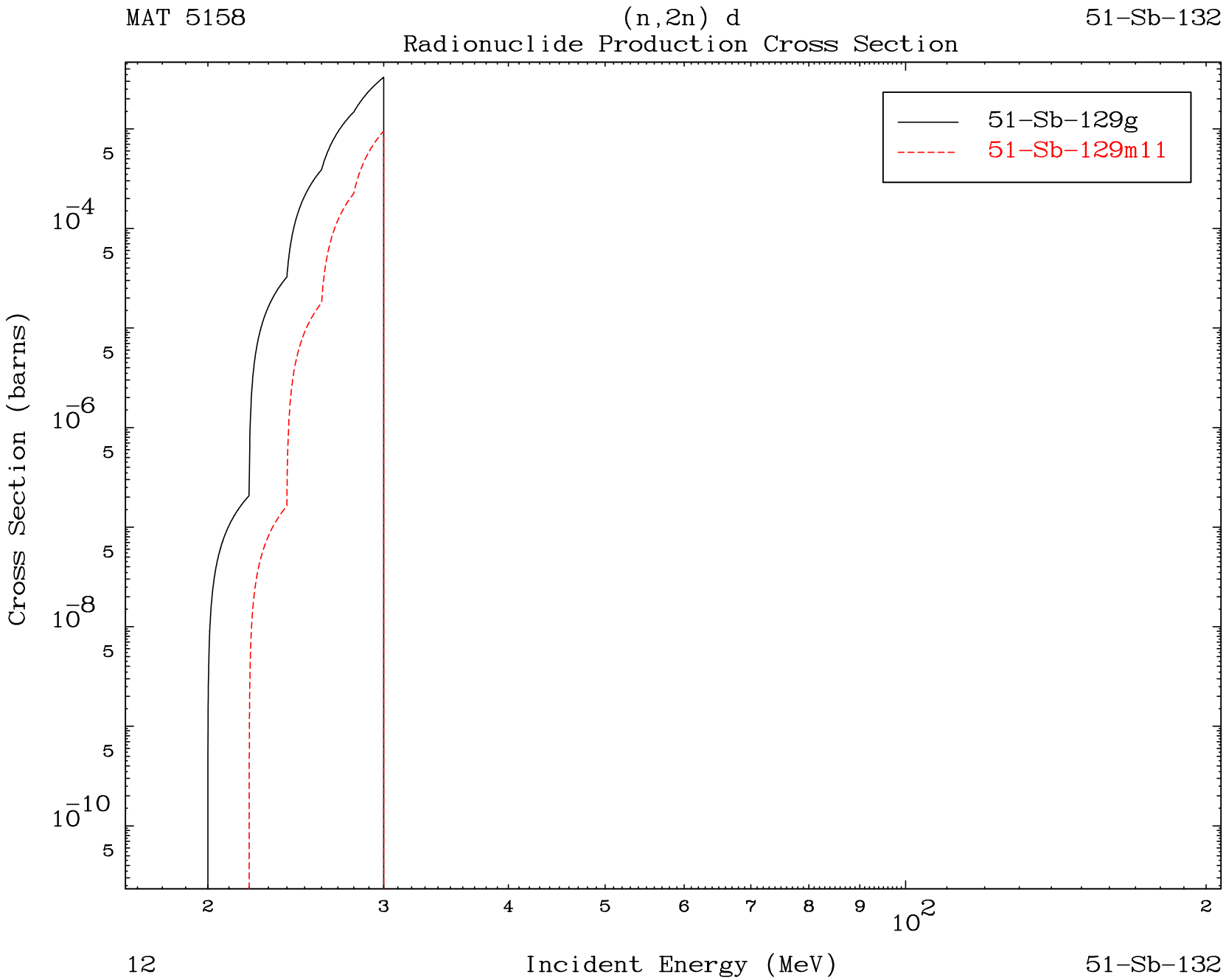

MAT 5158
(p,p) Levels
51-Sb-132
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
51-Sb-132

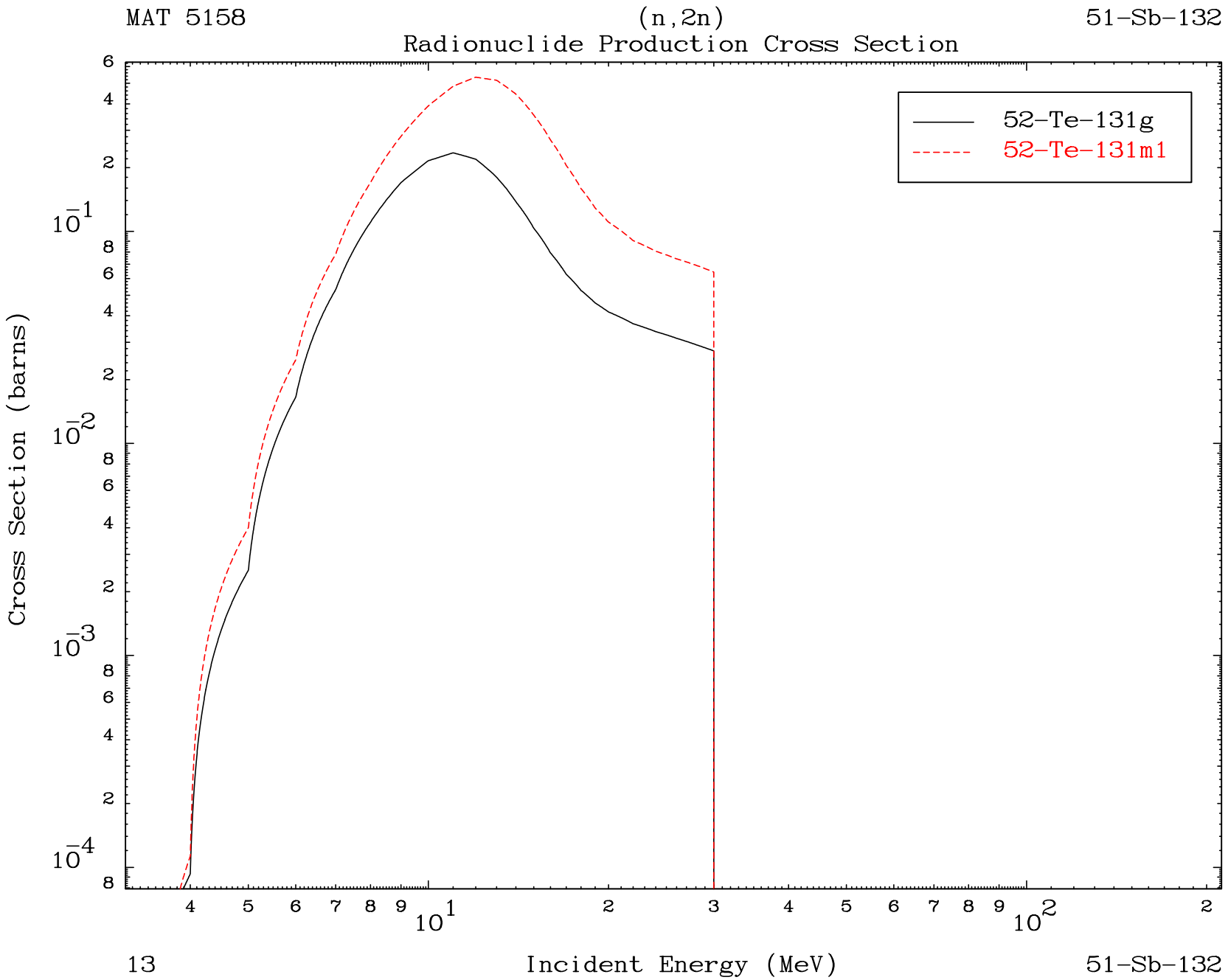

MAT 5158
(p,d) Levels
51-Sb-132
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
51-Sb-132

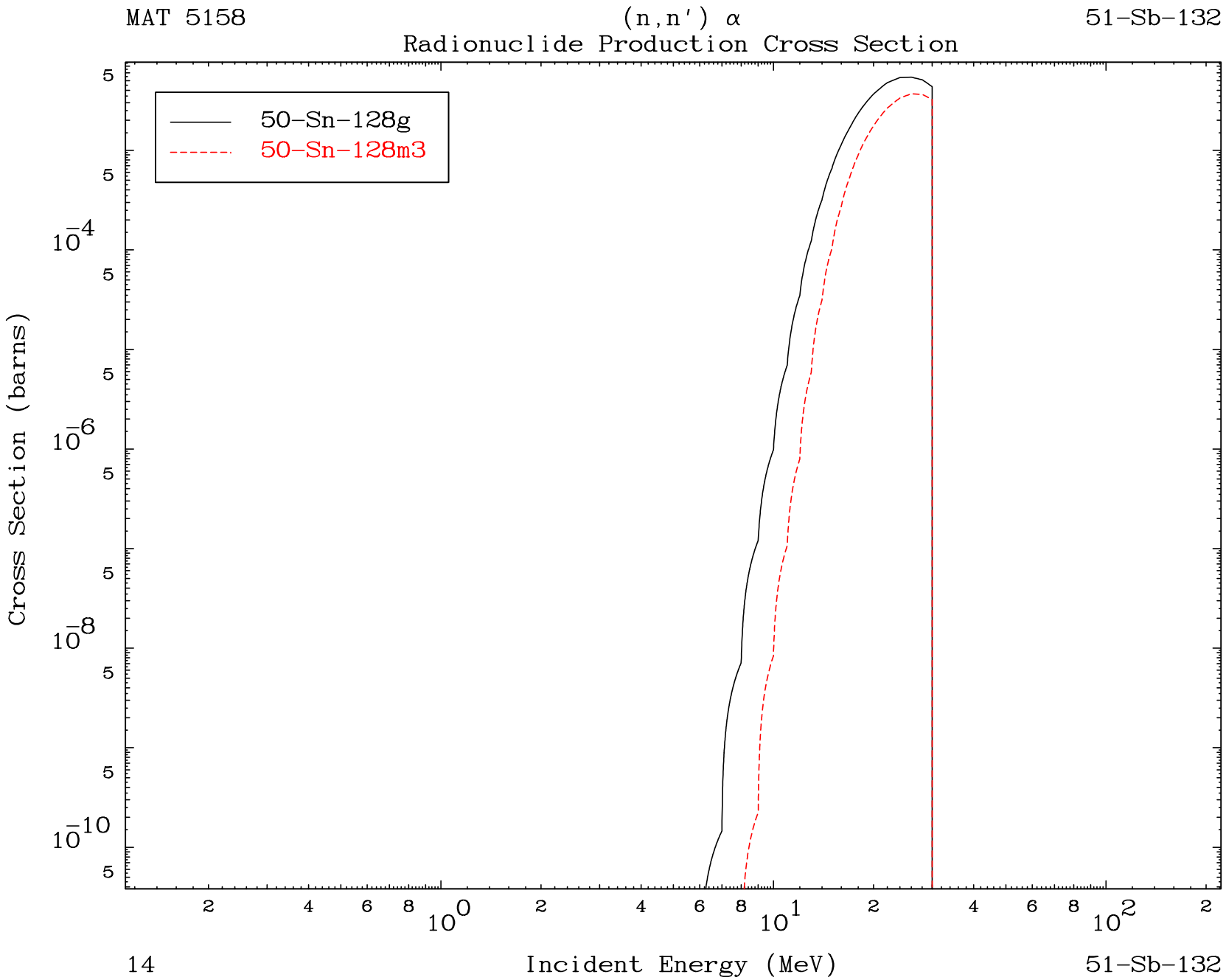

MAT 5158
(p,t) Levels
51-Sb-132
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-132
9

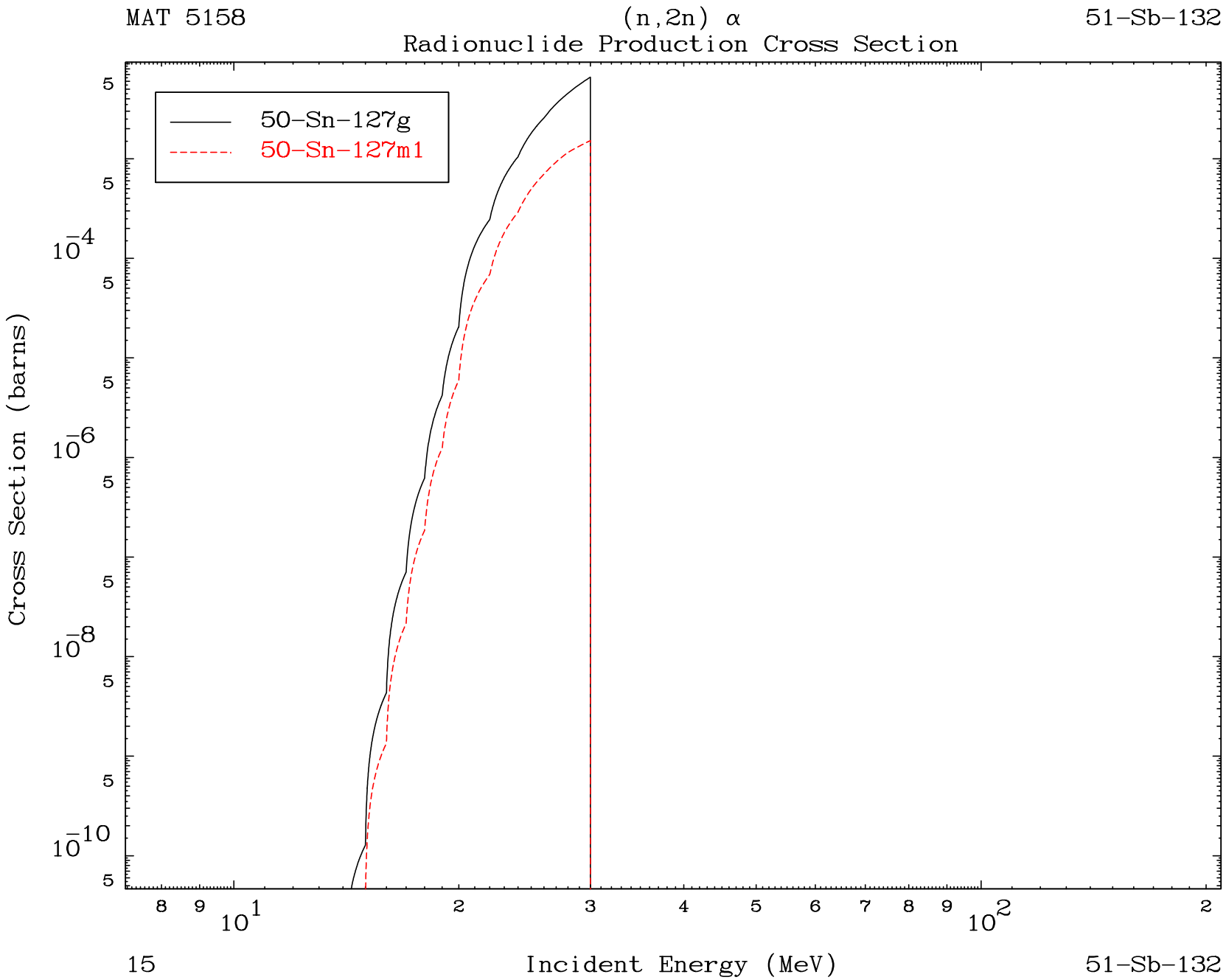

MAT 5158
(p,He3) Levels
51-Sb-132
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
51-Sb-132

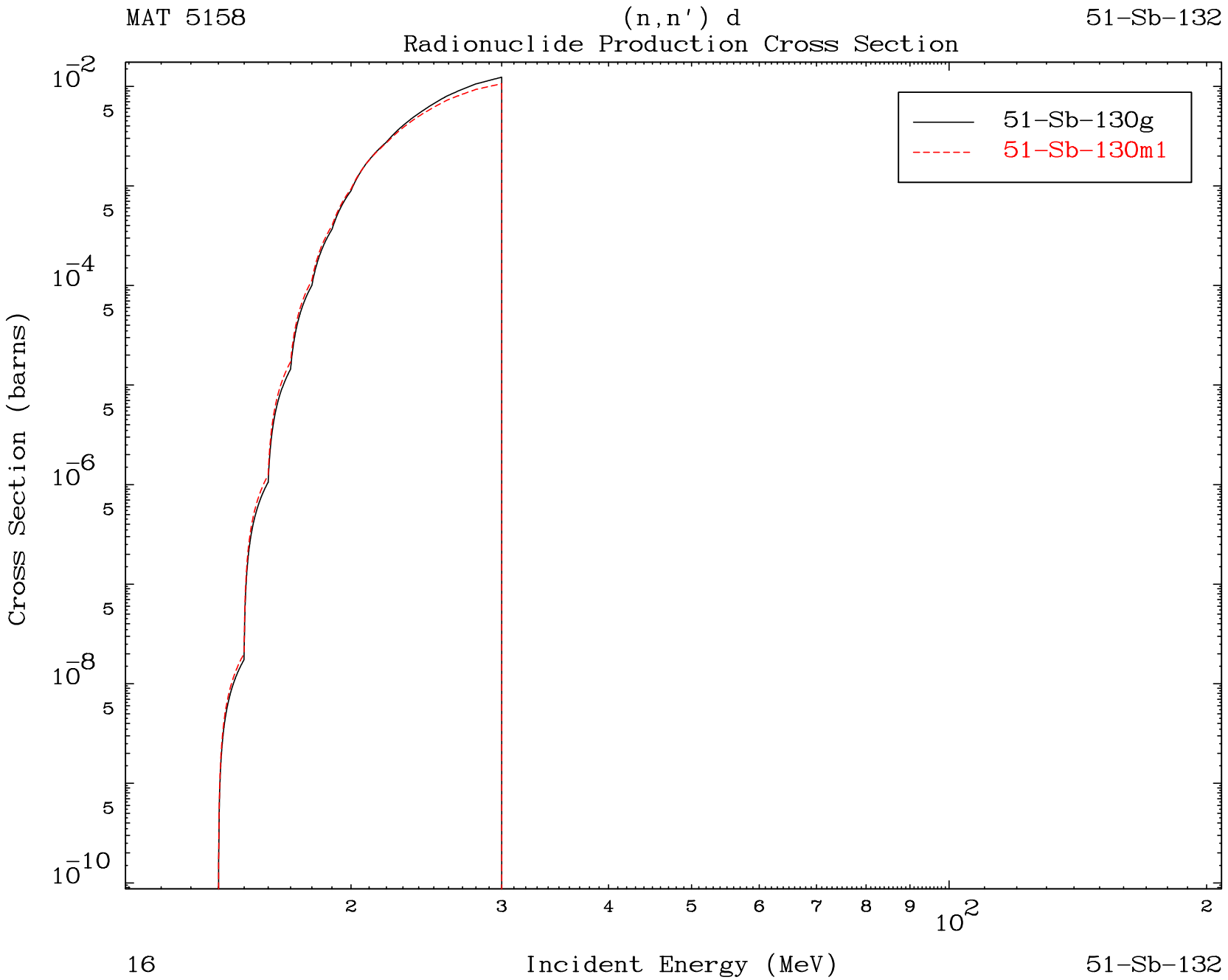

0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)

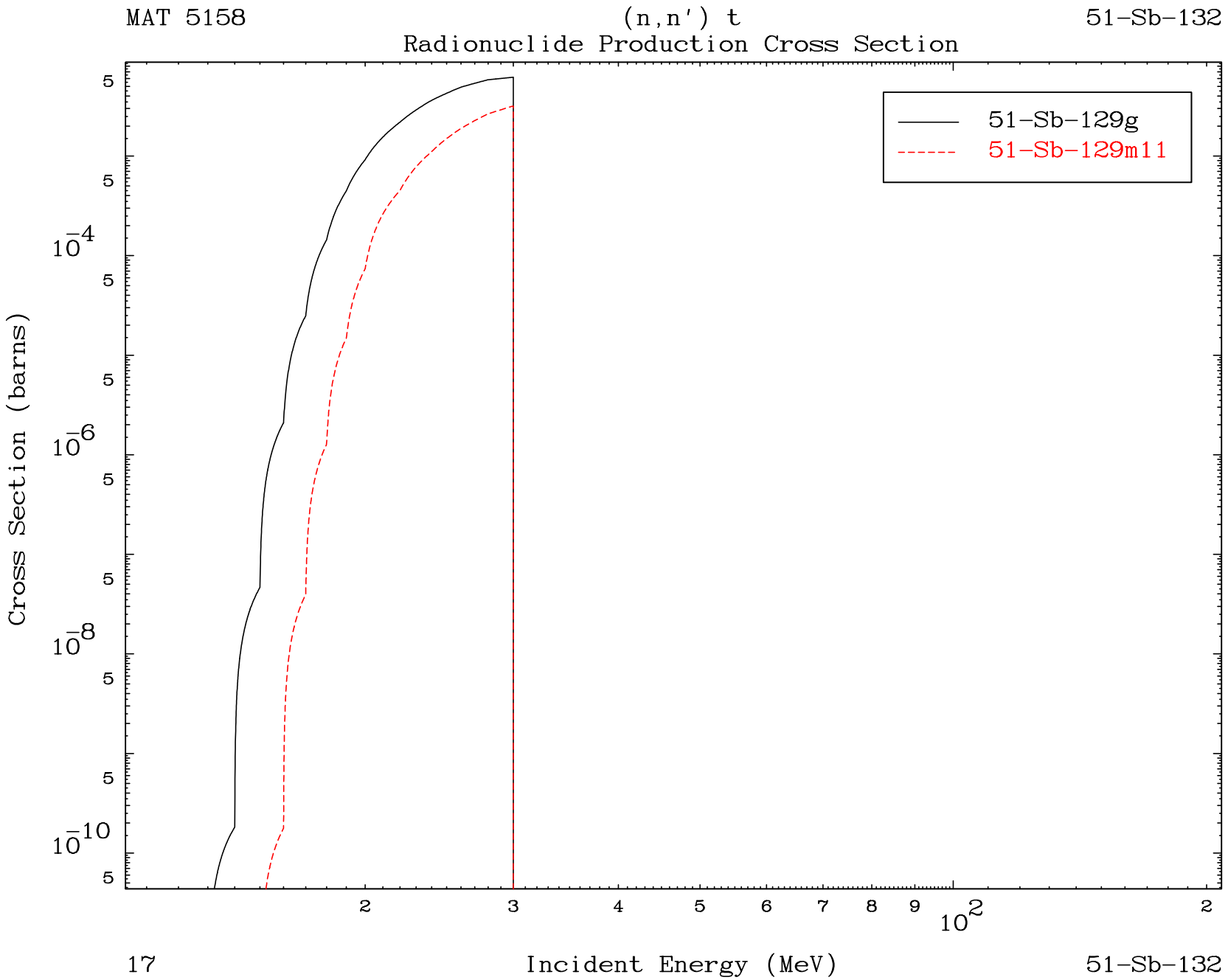

MAT 5158
(n,2n) d
51-Sb-132
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
51-Sb-132

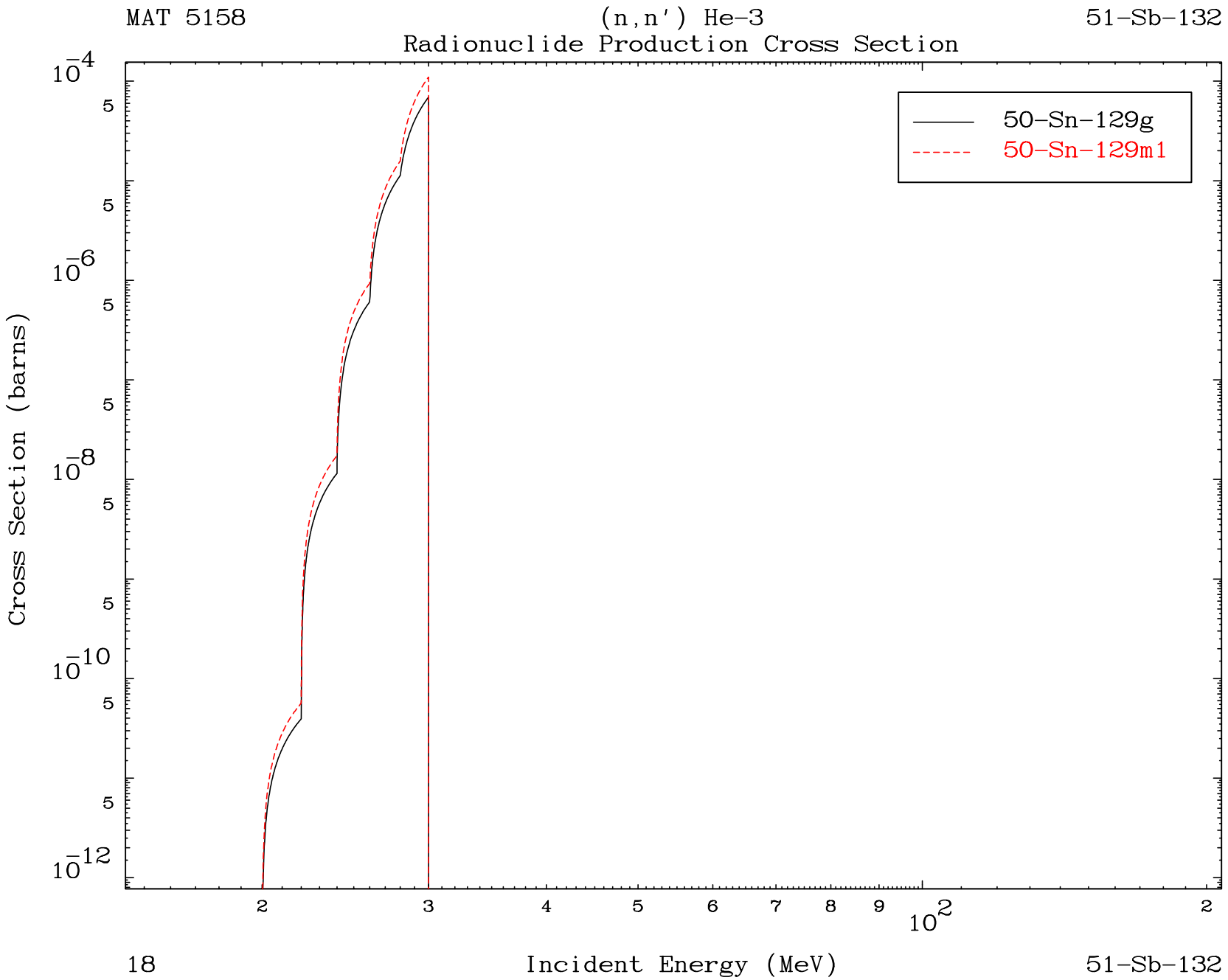

MAT 5158
(n,2n)
51-Sb-132
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
13
51-Sb-132

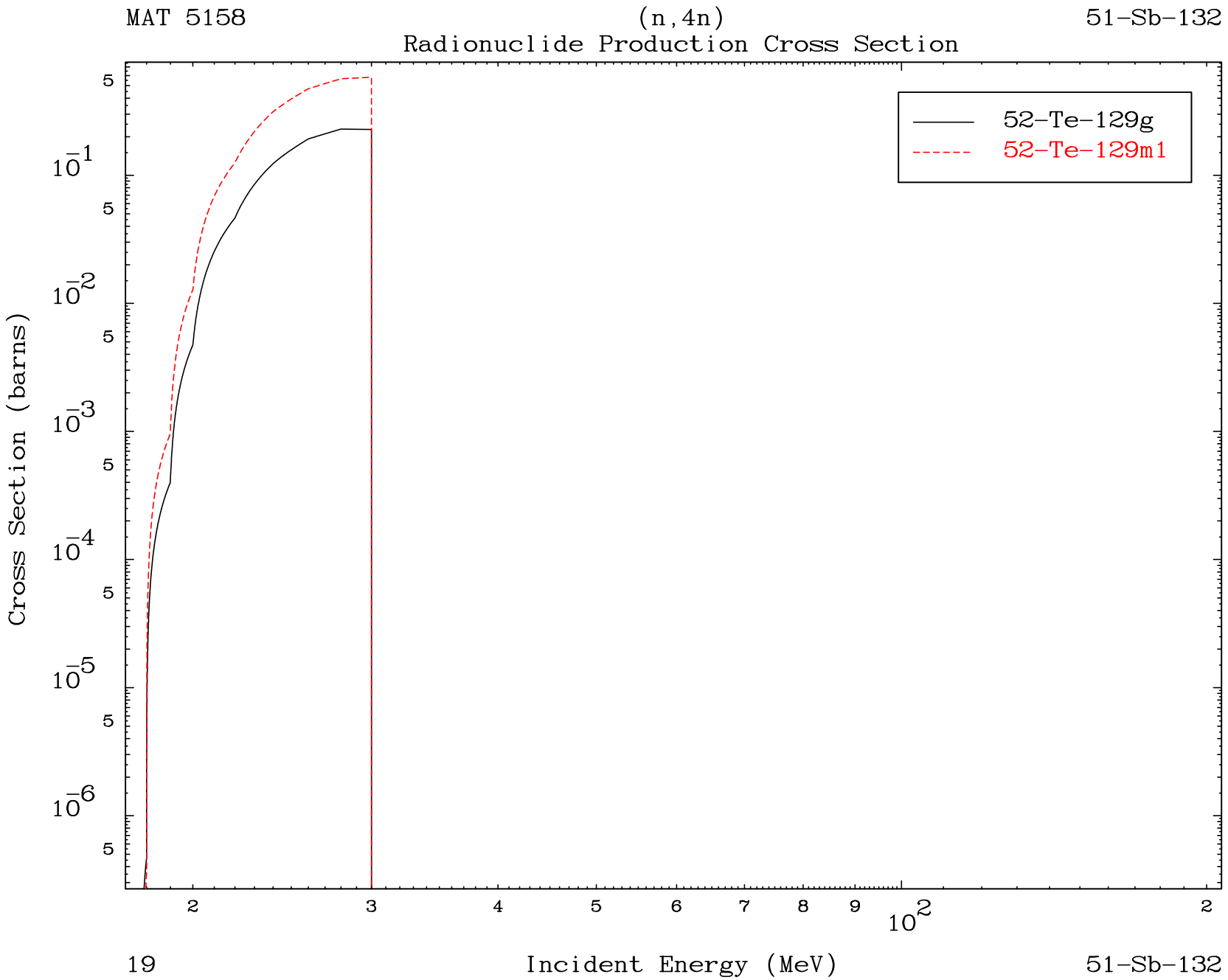

MAT 5158
(n,n') α
51-Sb-132
Radionuclide Production Cross Section
50-Sn-128g
50-Sn-128m3
Cross Section (barns)
Incident Energy (MeV)
14
51-Sb-132

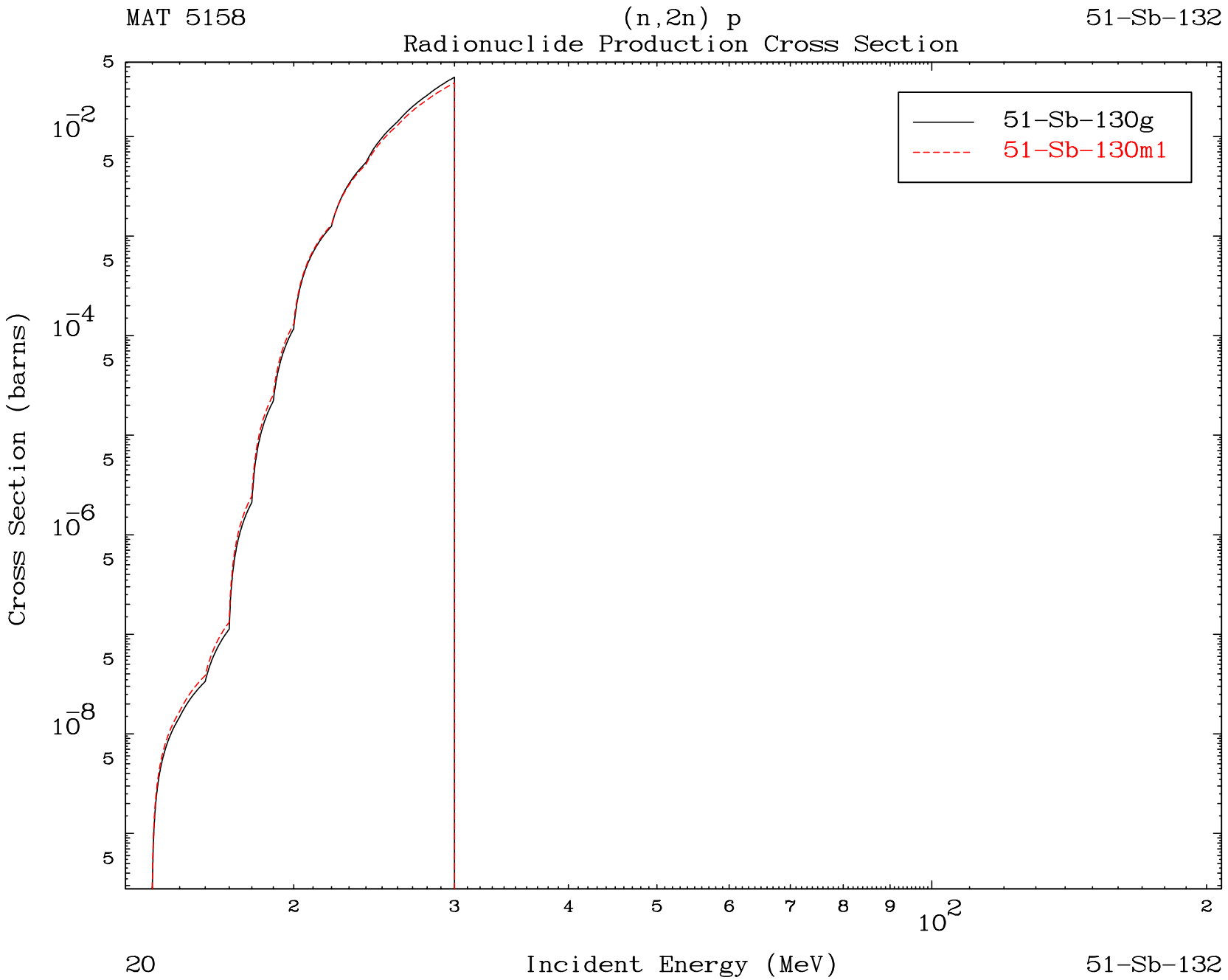

MAT 5158
(n,2n) α
51-Sb-132
Radionuclide Production Cross Section
50-Sn-127g
50-Sn-127m1
Cross Section (barns)
Incident Energy (MeV)
15
51-Sb-132

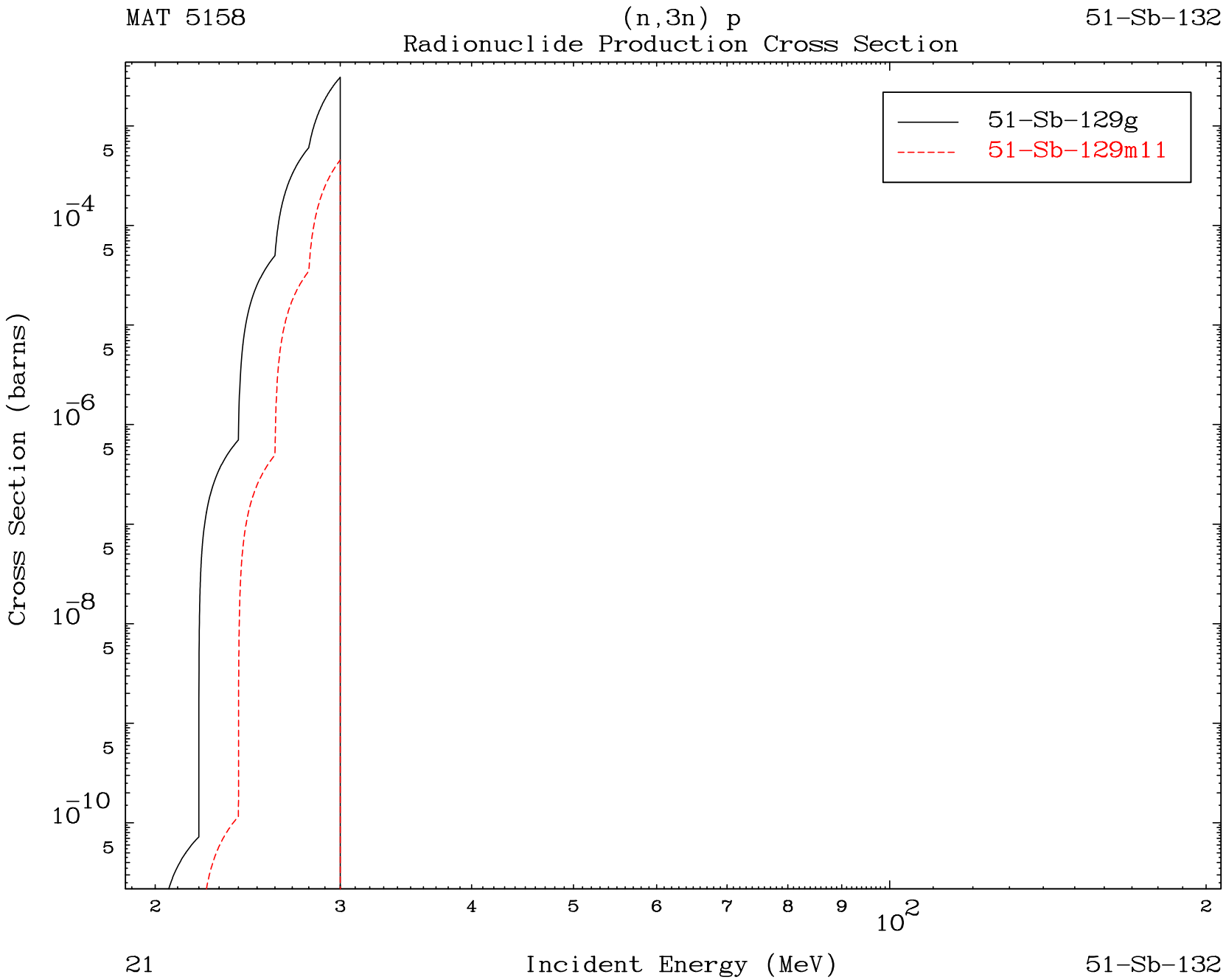

MAT 5158
(n,n') d
51-Sb-132
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
Incident Energy (MeV)
16
51-Sb-132

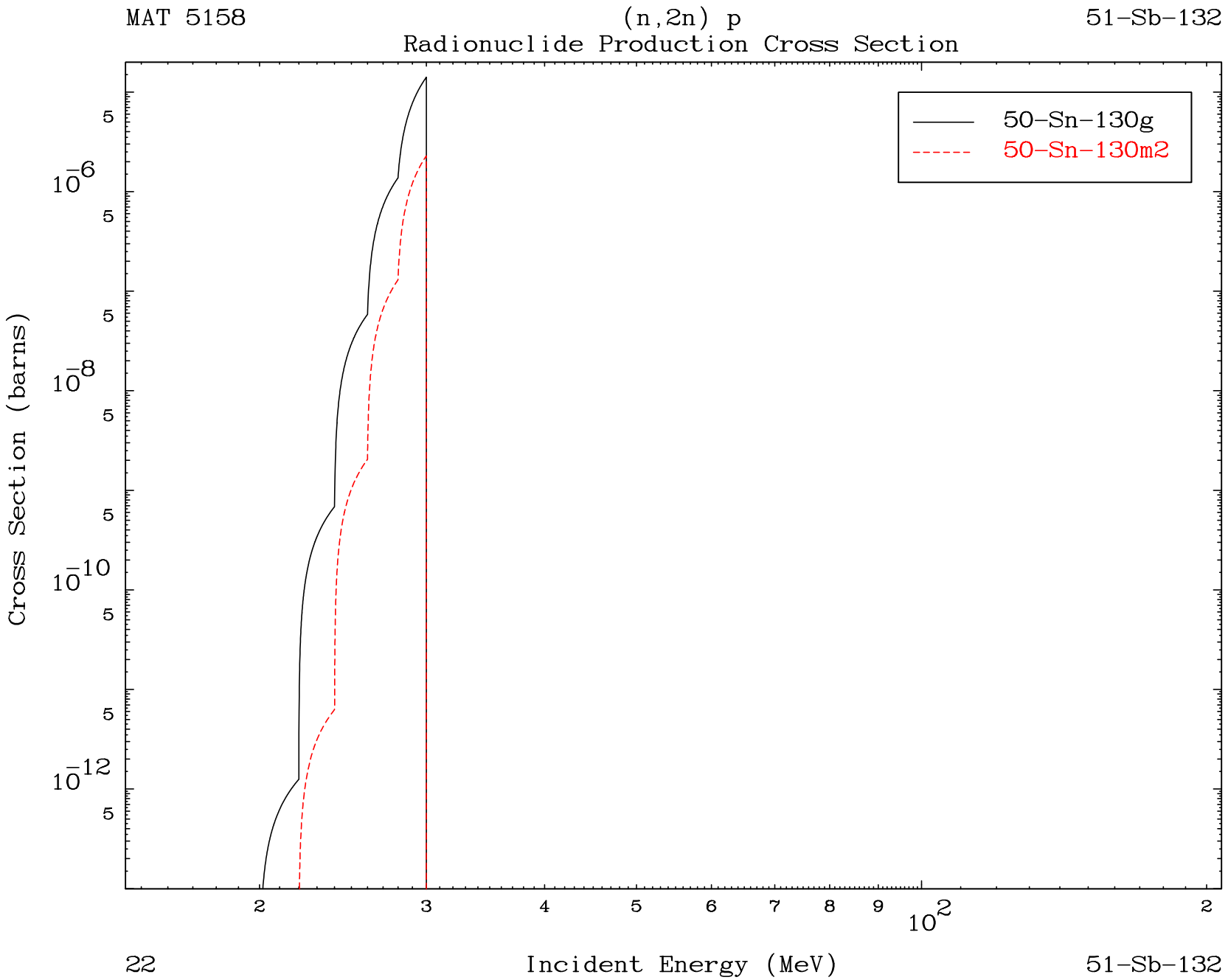

MAT 5158
(n,n') t
51-Sb-132
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
51-Sb-132

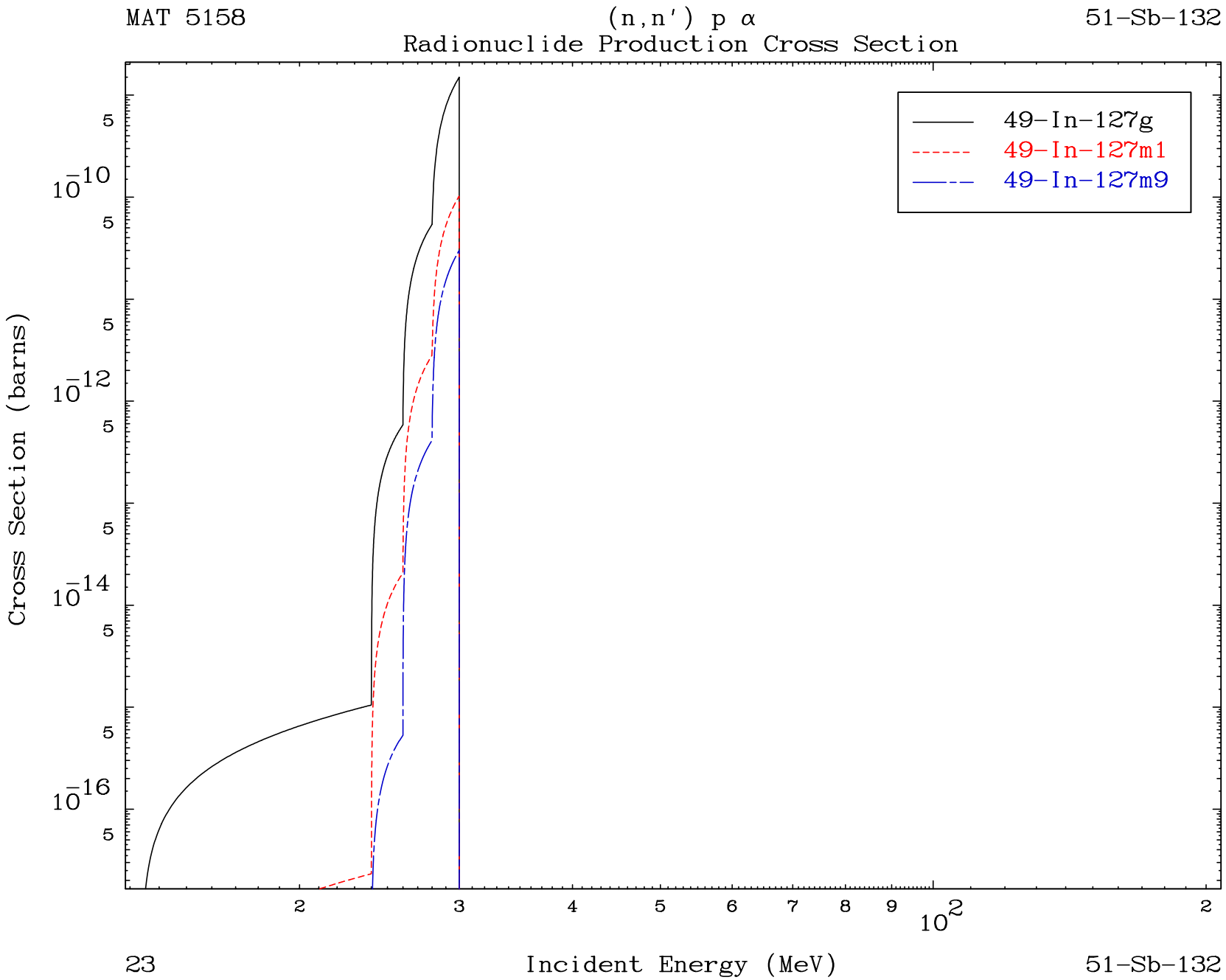

MAT 5158
(n,n') He-3
51-Sb-132
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
Incident Energy (MeV)
18
51-Sb-132

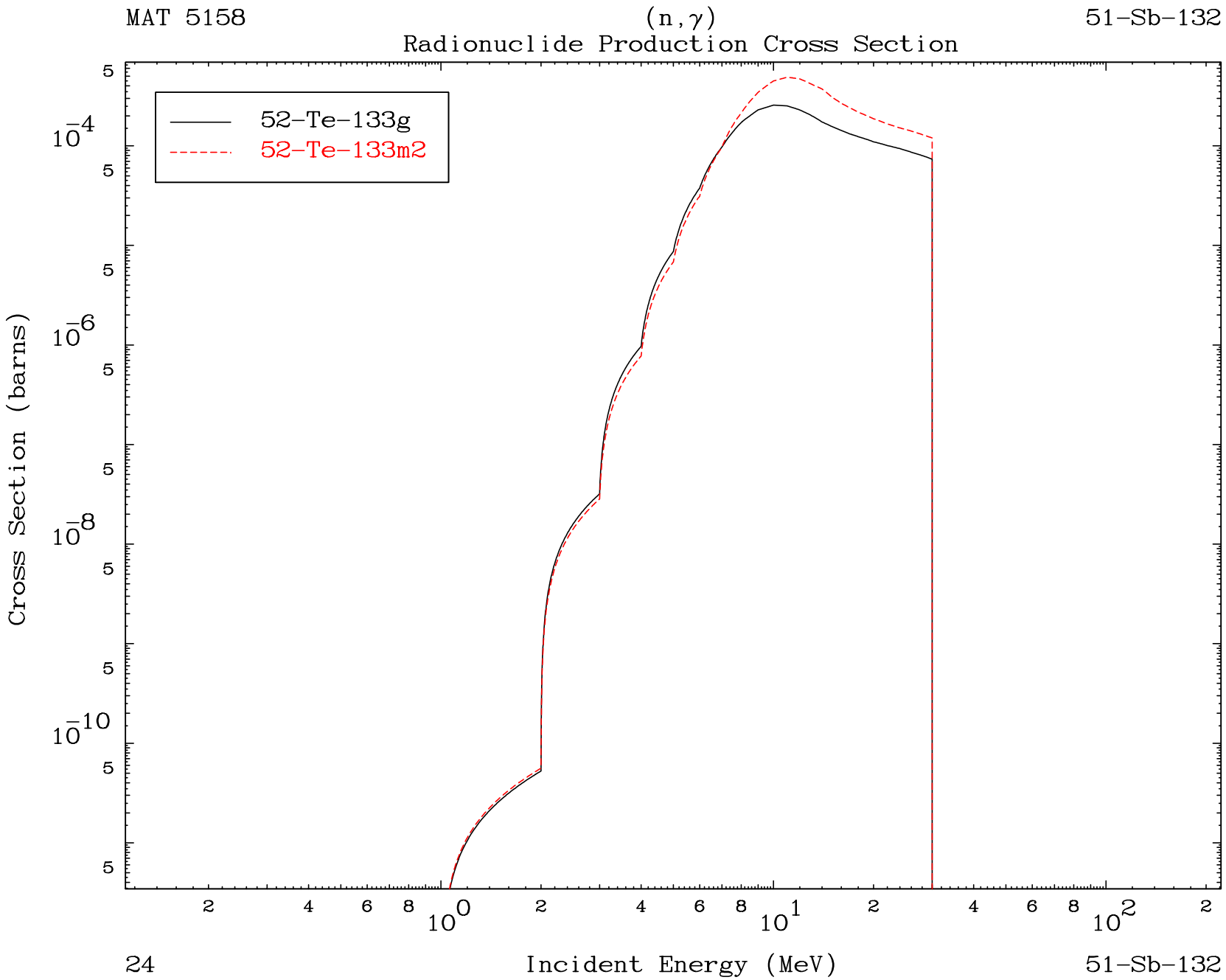

MAT 5158
(n,4n)
51-Sb-132
Radionuclide Production Cross Section
52-Te-129g
52-Te-129m1
Cross Section (barns)
Incident Energy (MeV)
19
51-Sb-132

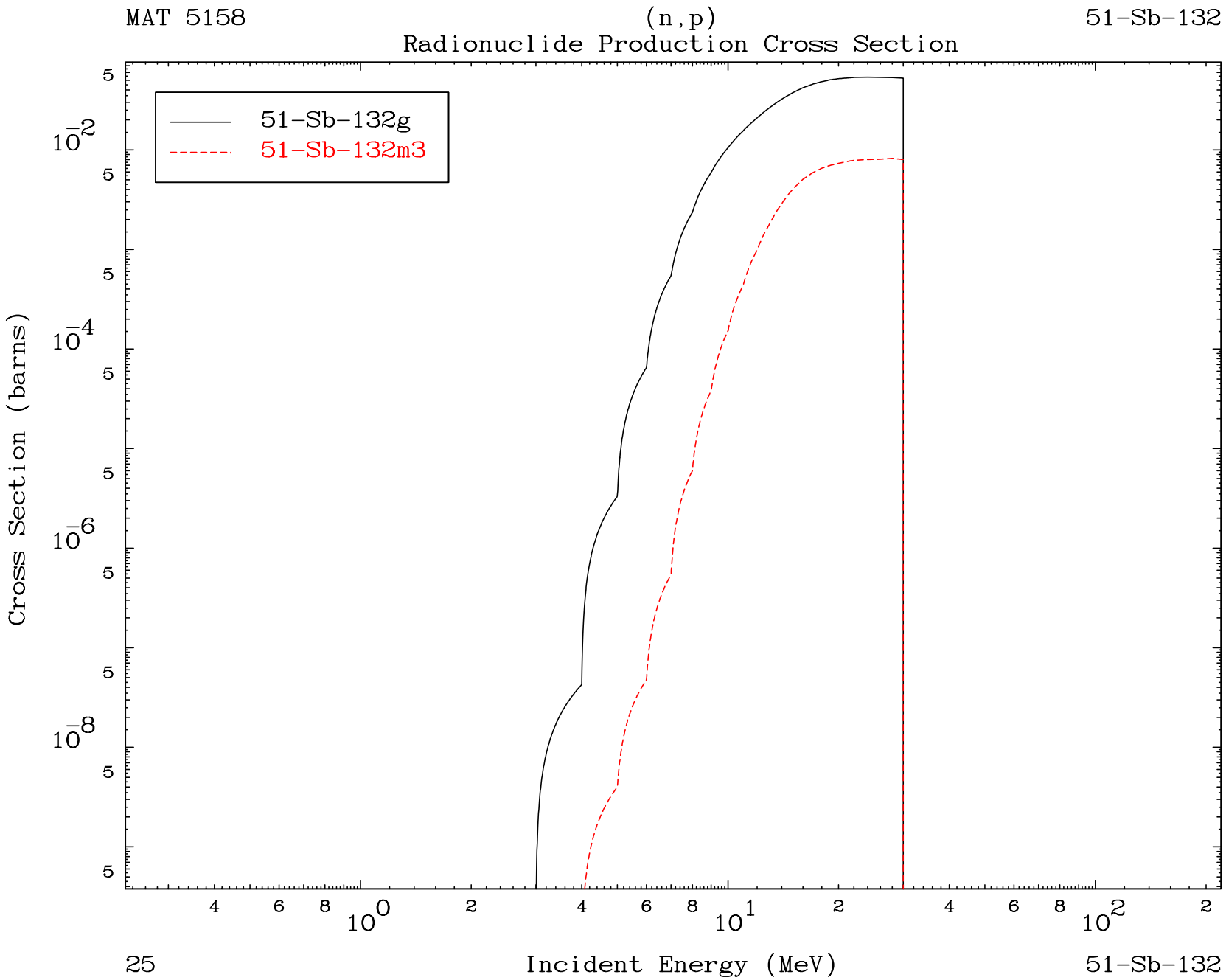

MAT 5158
(n,2n) p
51-Sb-132
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
51-Sb-132

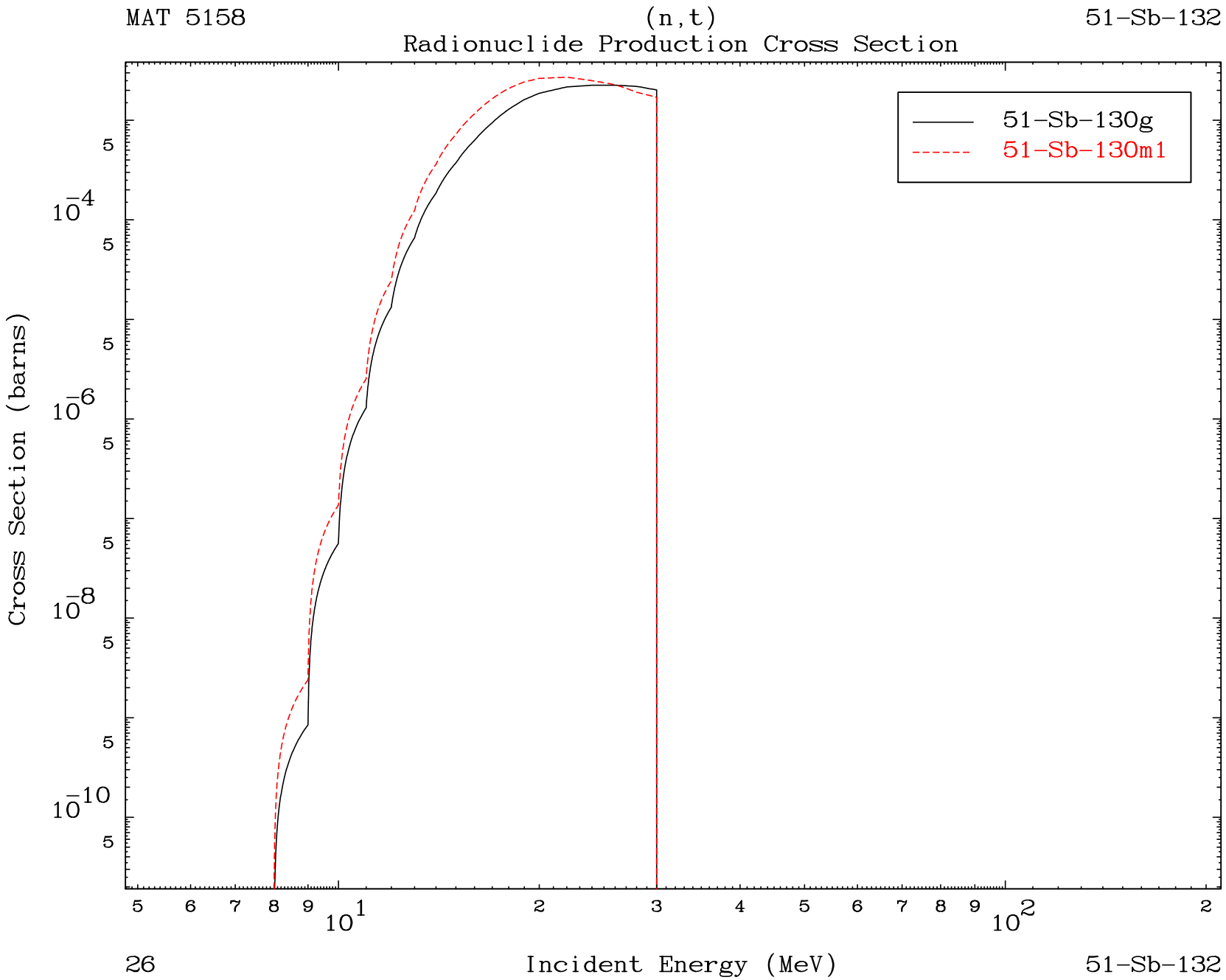

MAT 5158
(n,3n) p
51-Sb-132
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
51-Sb-132

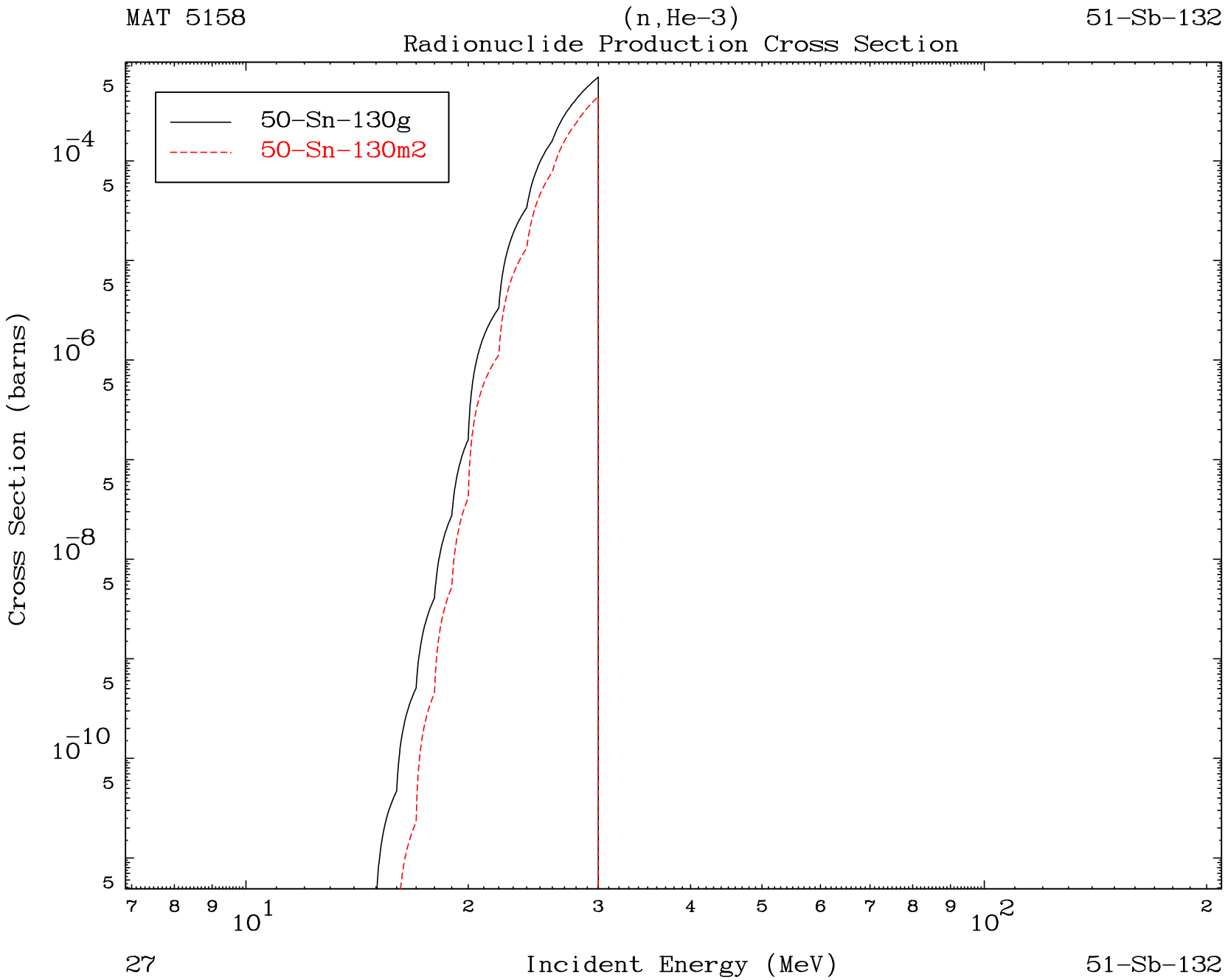

MAT 5158
(n,2n) p
51-Sb-132
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
51-Sb-132

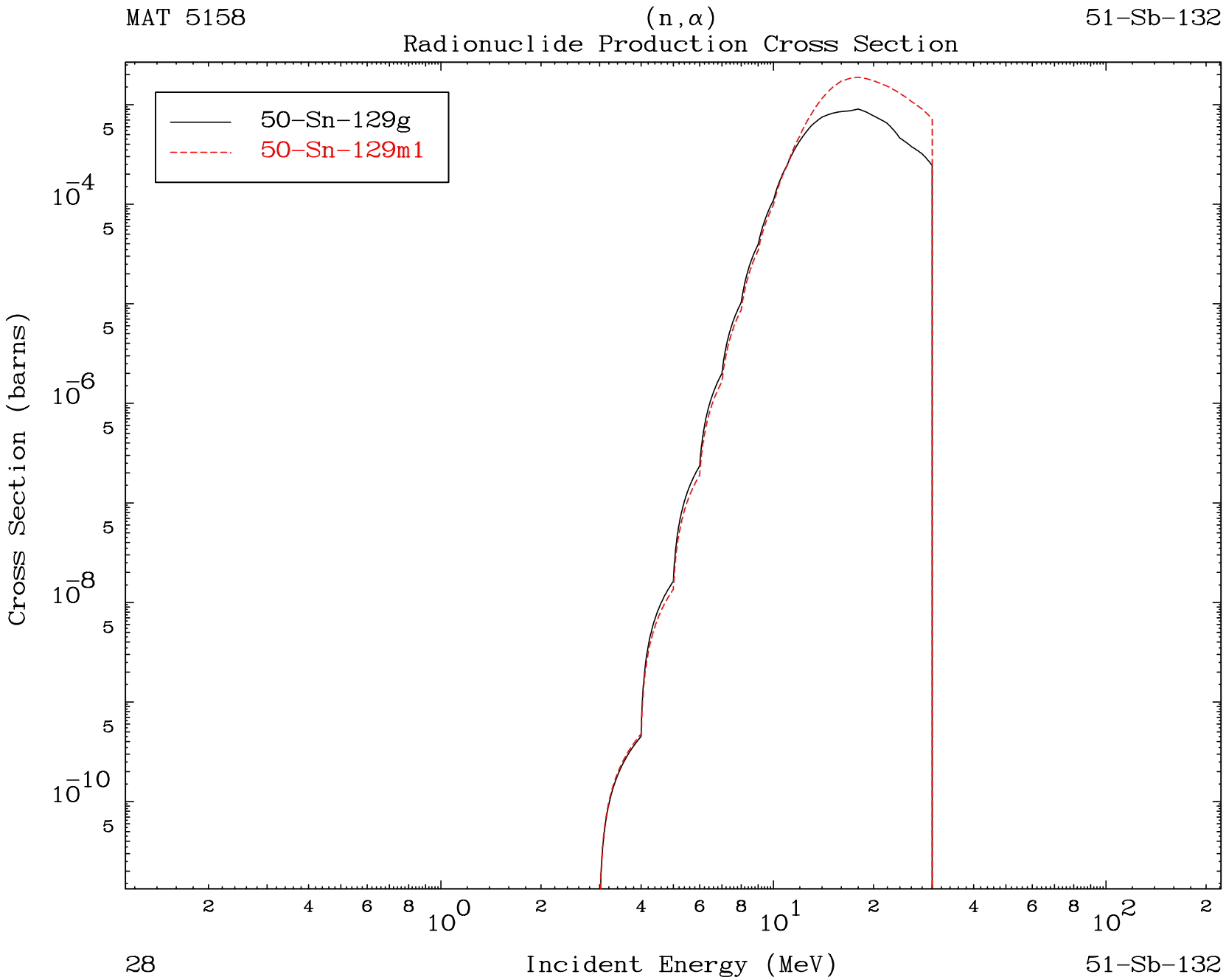

MAT 5158
(n,n') p α
51-Sb-132
Radionuclide Production Cross Section
49-In-127g
49-In-127m1
49-In-127m9
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
51-Sb-132

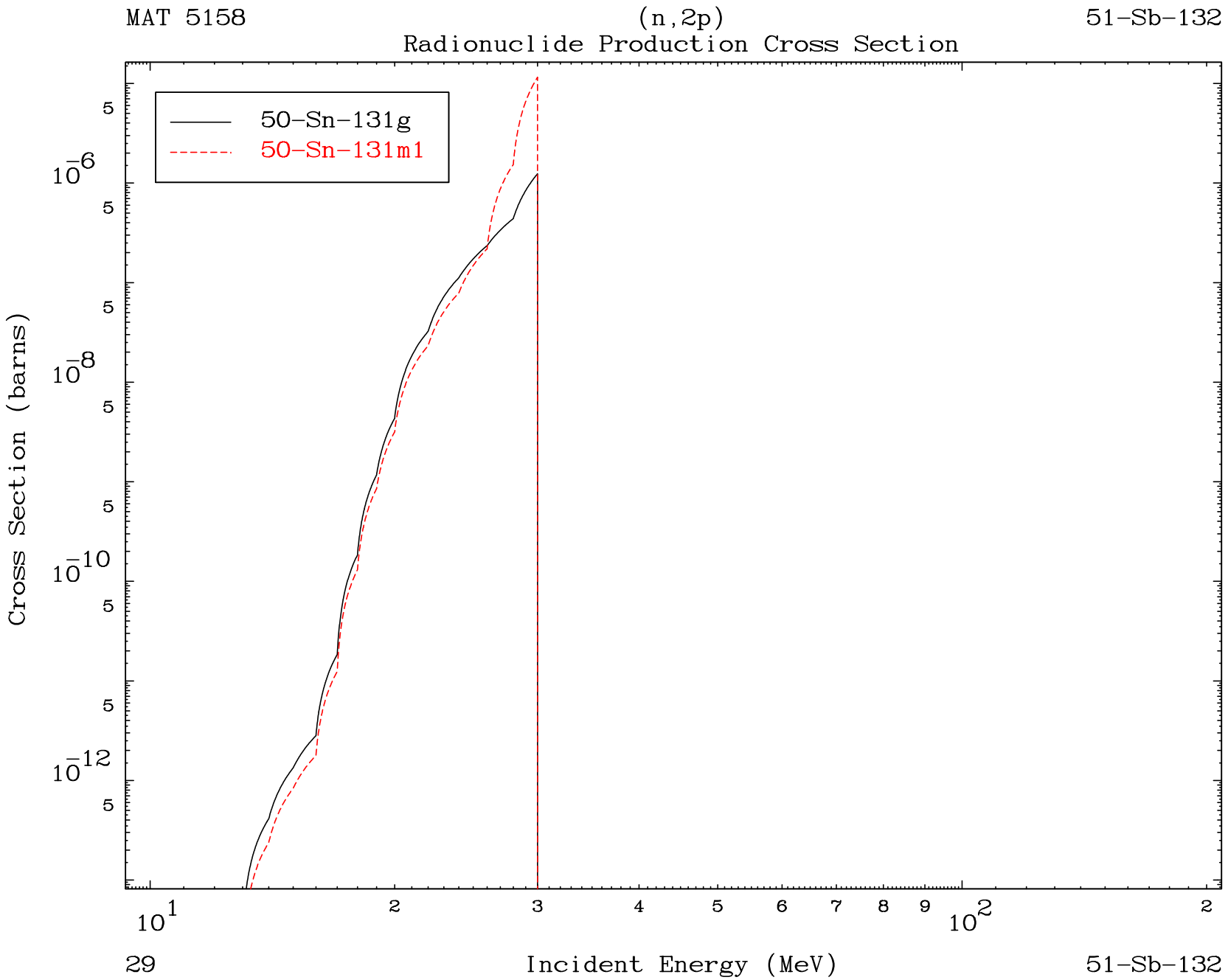

MAT 5158
(n,γ)
51-Sb-132
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
Incident Energy (MeV)
24
51-Sb-132

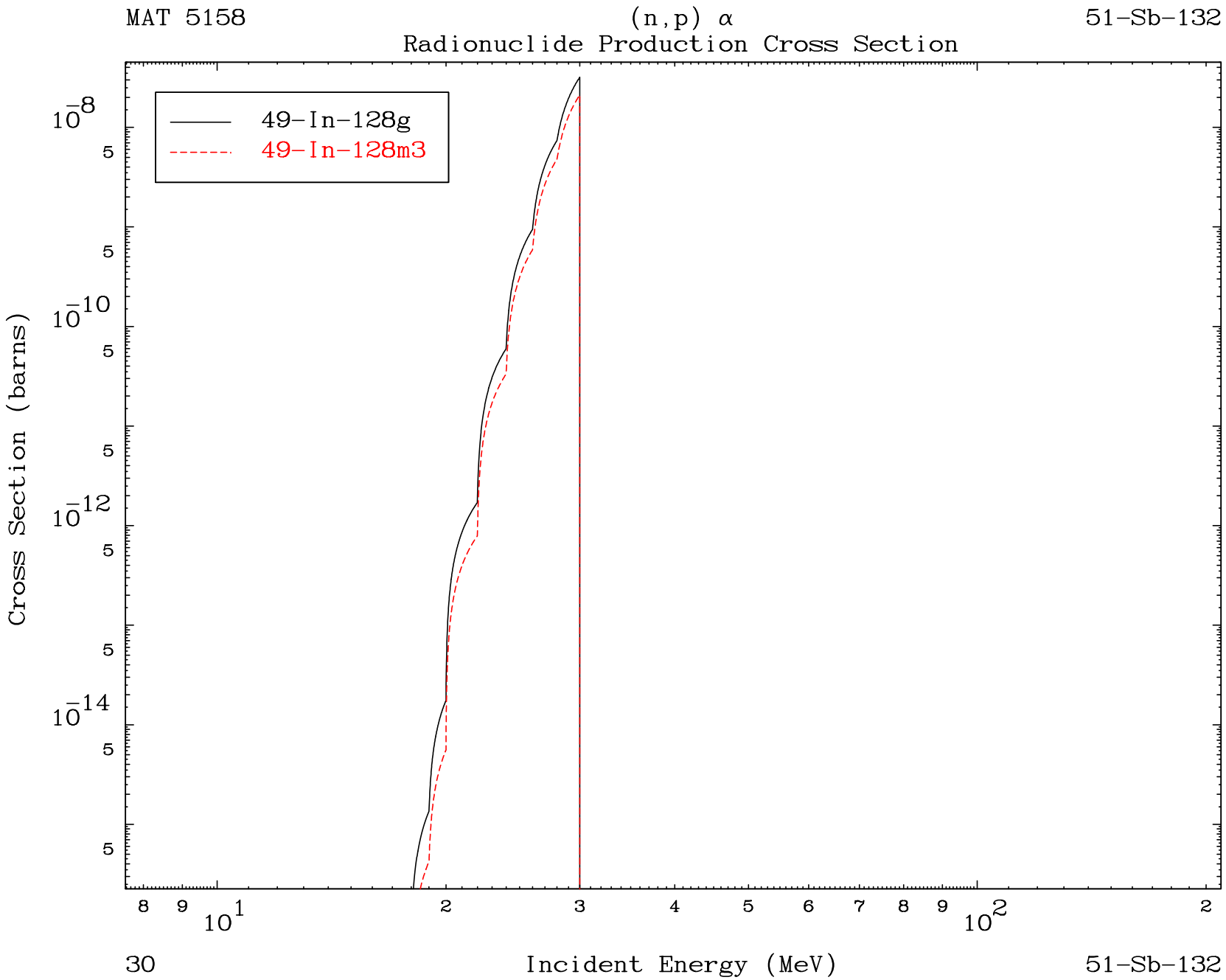

MAT 5158
(n,p)
51-Sb-132
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
Incident Energy (MeV)
25
51-Sb-132

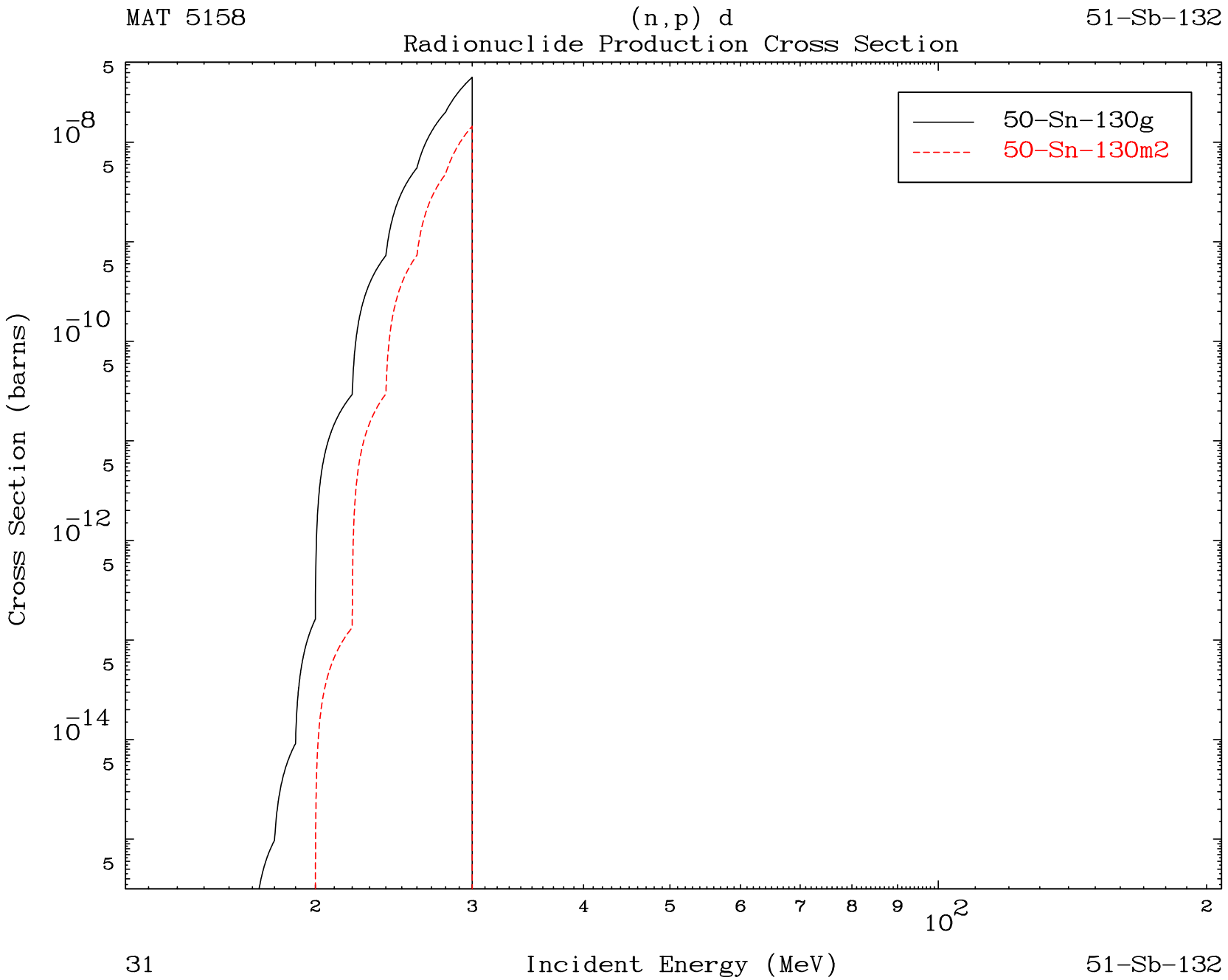

MAT 5158
(n,t)
51-Sb-132
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6
7
8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
26
Incident Energy (MeV)
51-Sb-132

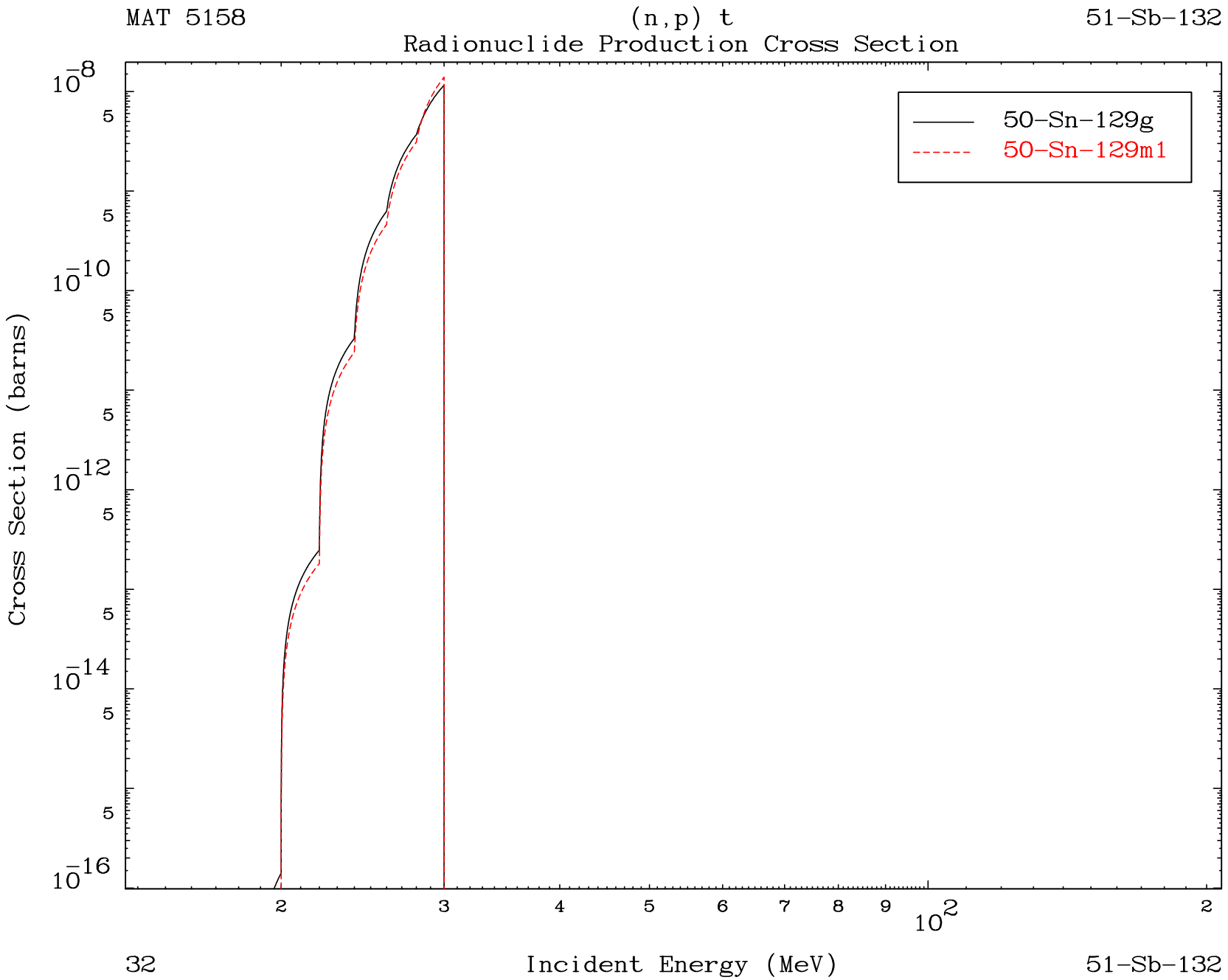

MAT 5158
(n,He-3)
51-Sb-132
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
27
51-Sb-132


MAT 5158
(n,α)
51-Sb-132
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
28
51-Sb-132


MAT 5158
(n,2p)
51-Sb-132
Radionuclide Production Cross Section
50-Sn-131g
50-Sn-131m1
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
29
Incident Energy (MeV)
51-Sb-132


MAT 5158
(n,p) α
51-Sb-132
Radionuclide Production Cross Section
49-In-128g
49-In-128m3
Cross Section (barns)
Incident Energy (MeV)
30
51-Sb-132


MAT 5158
(n,p) d
51-Sb-132
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
31
Incident Energy (MeV)
51-Sb-132


MAT 5158
(n,p) t
51-Sb-132
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
10-8
10-10
10-12
10-14
10-16
2
3
4
5
6
7
8
9
10 2
2
32
Incident Energy (MeV)
51-Sb-132