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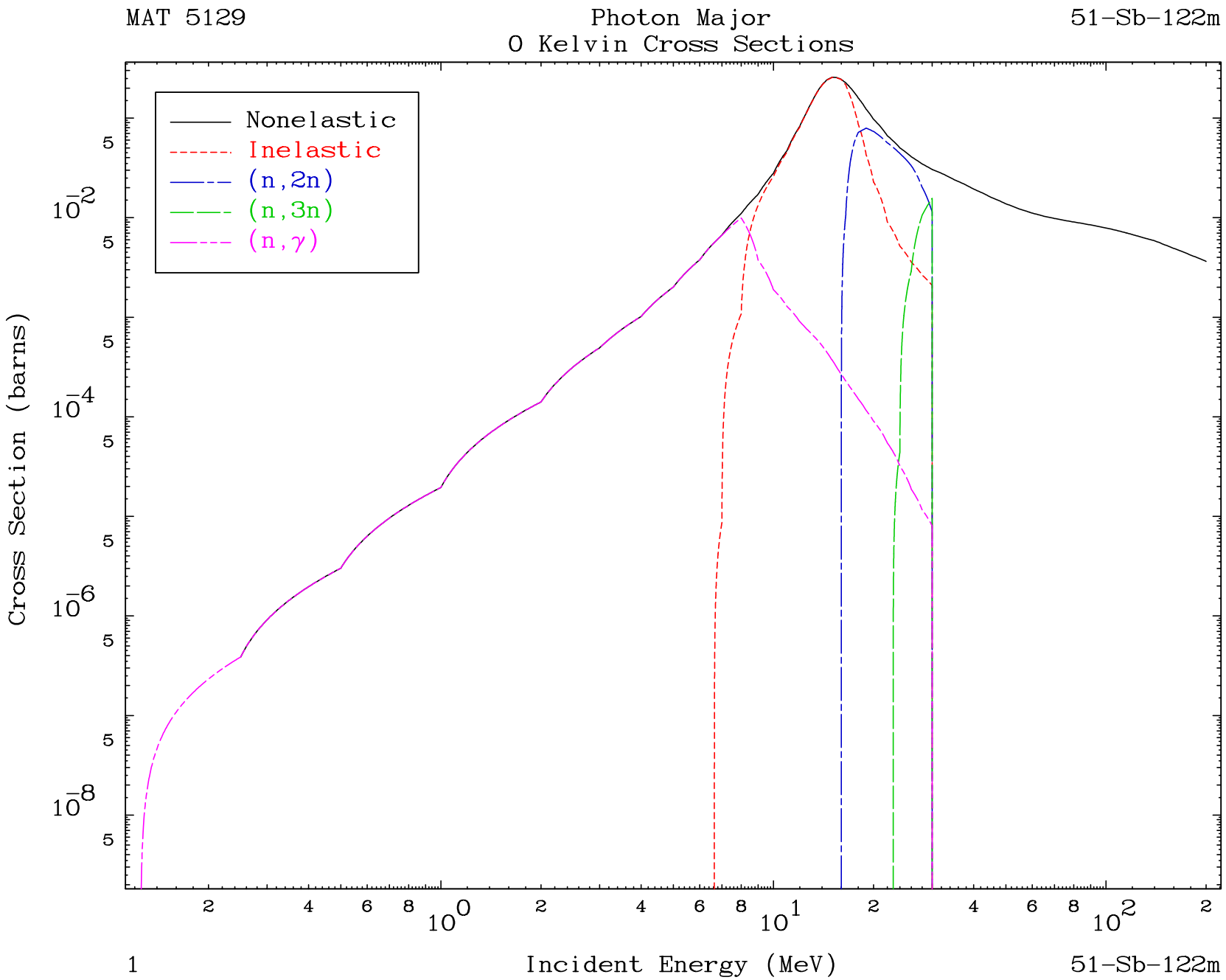
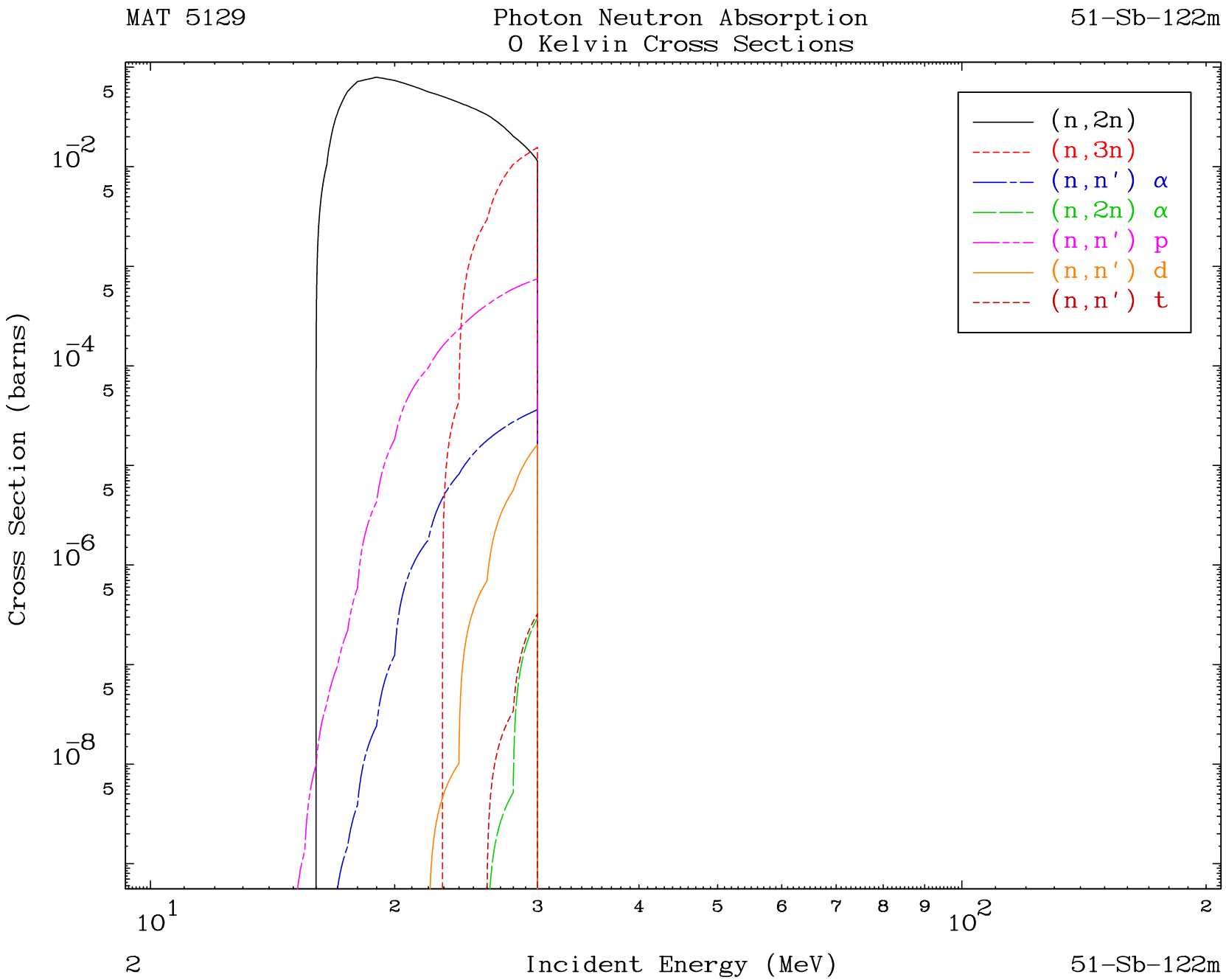
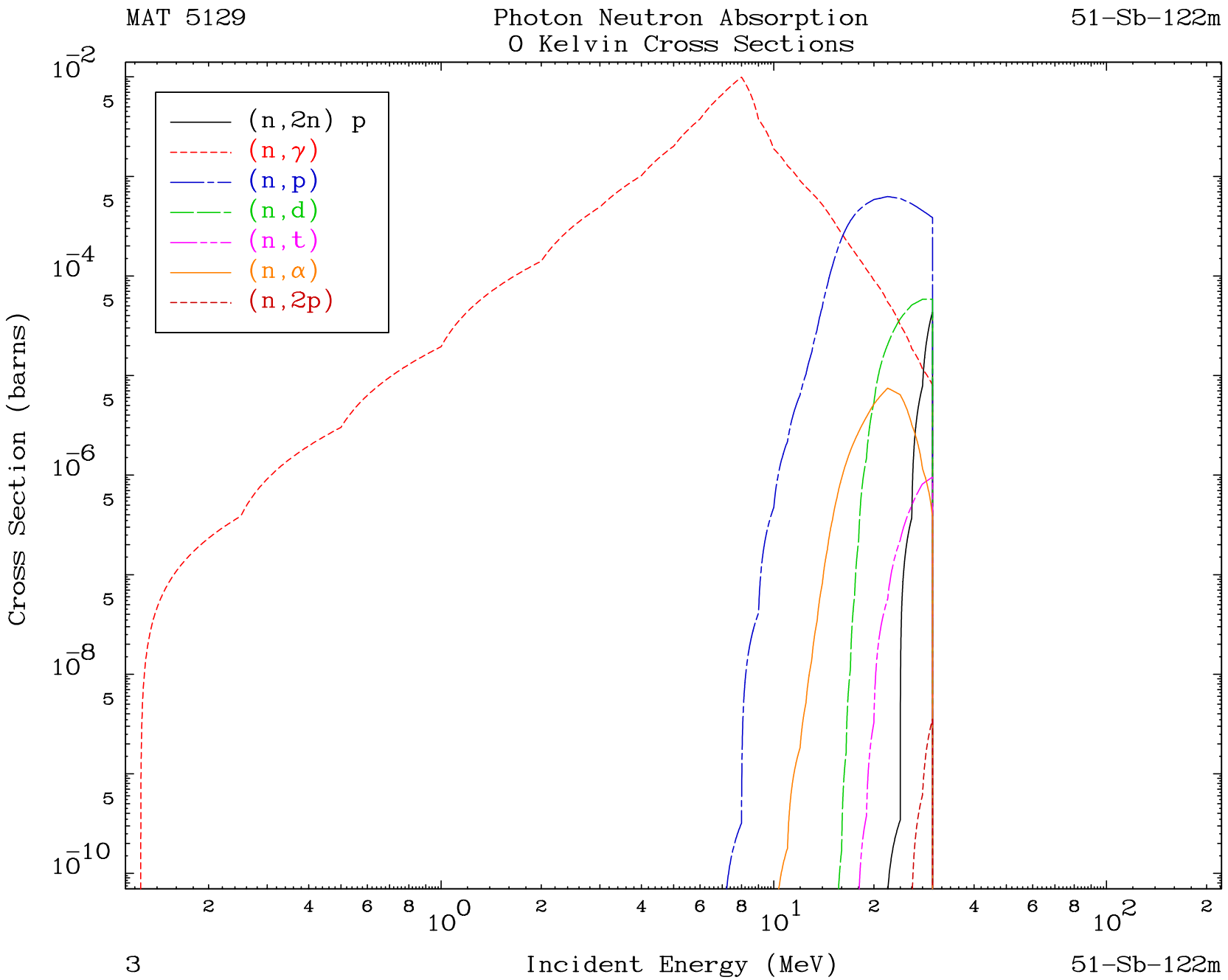
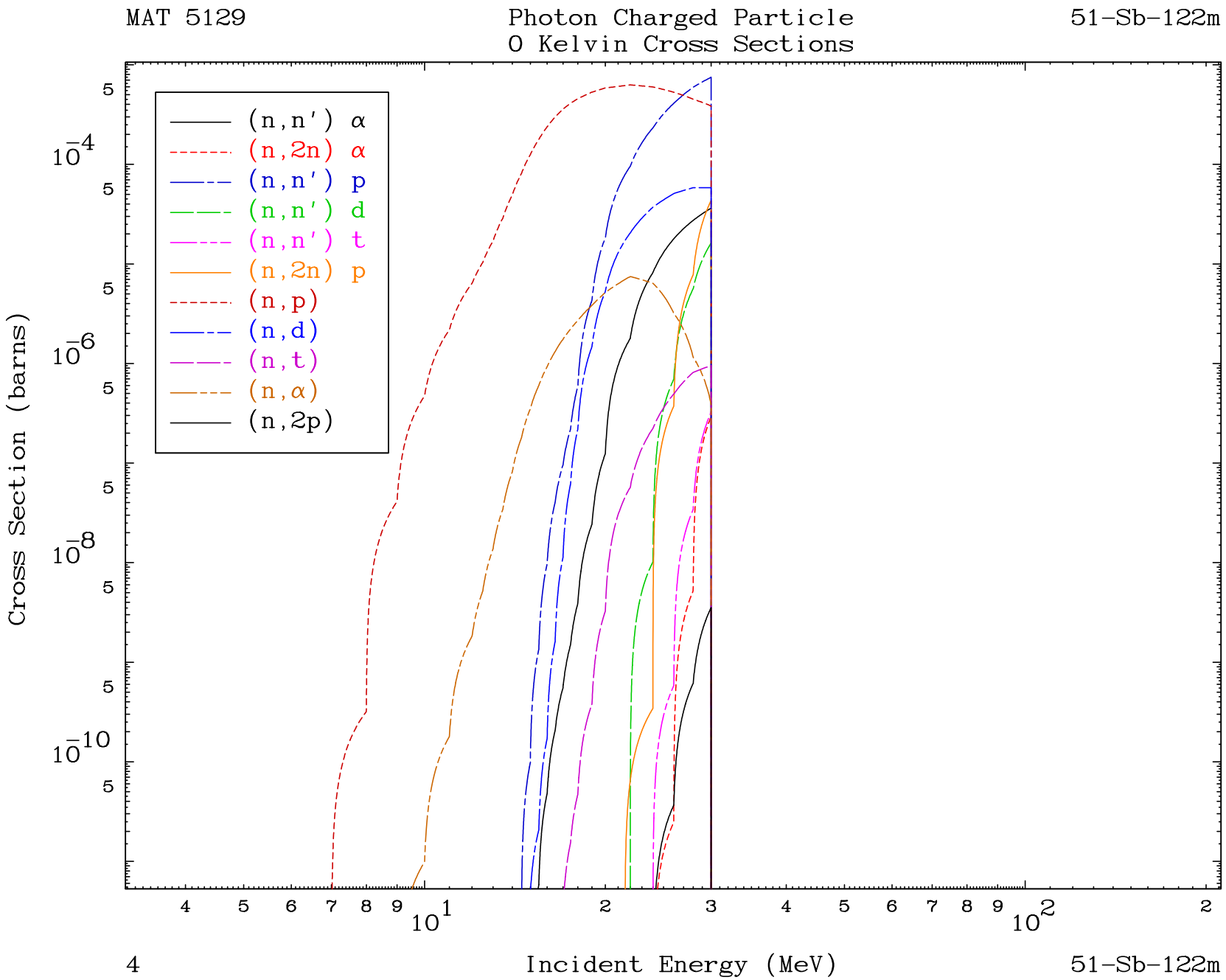
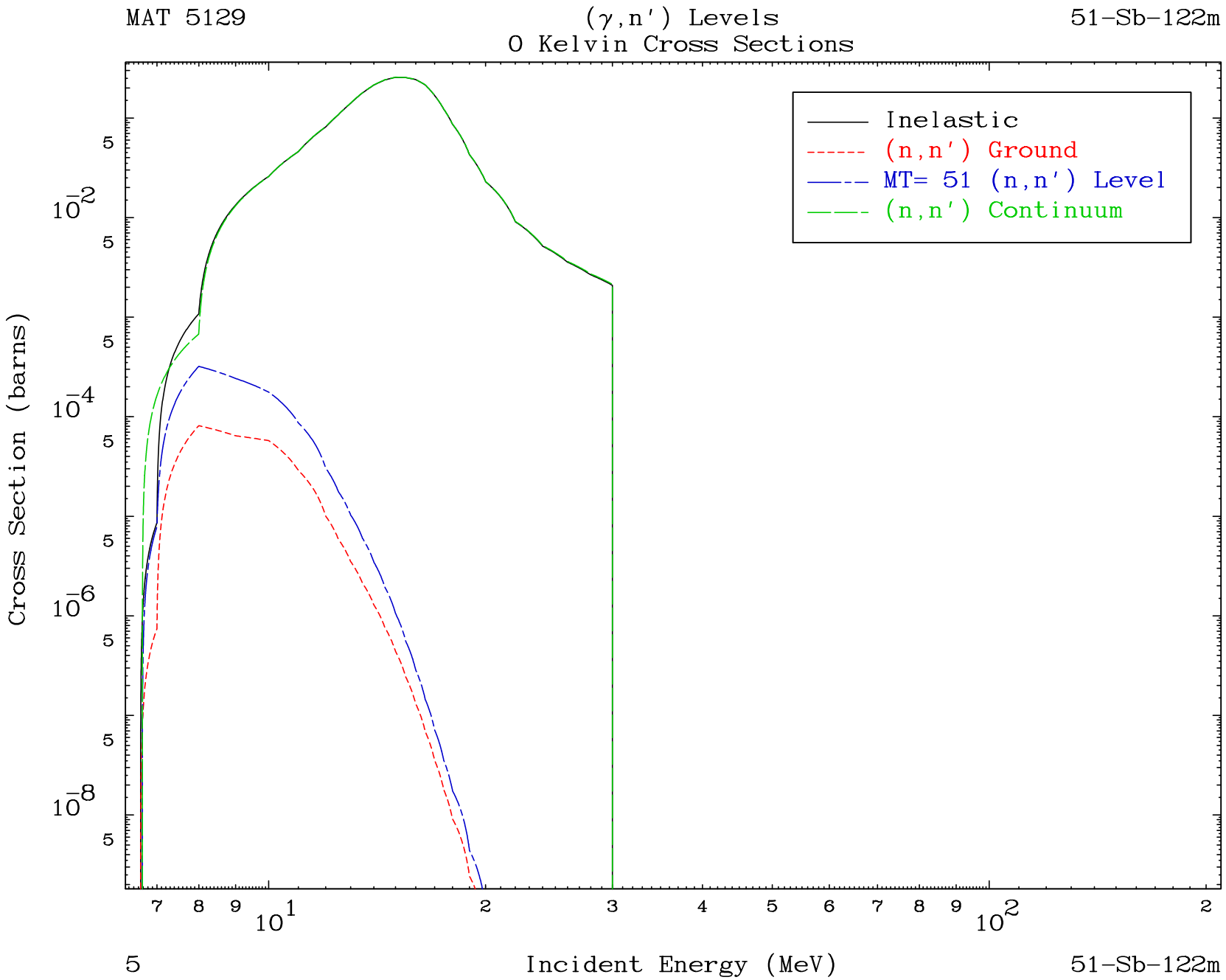
Press Mouse Button to Start

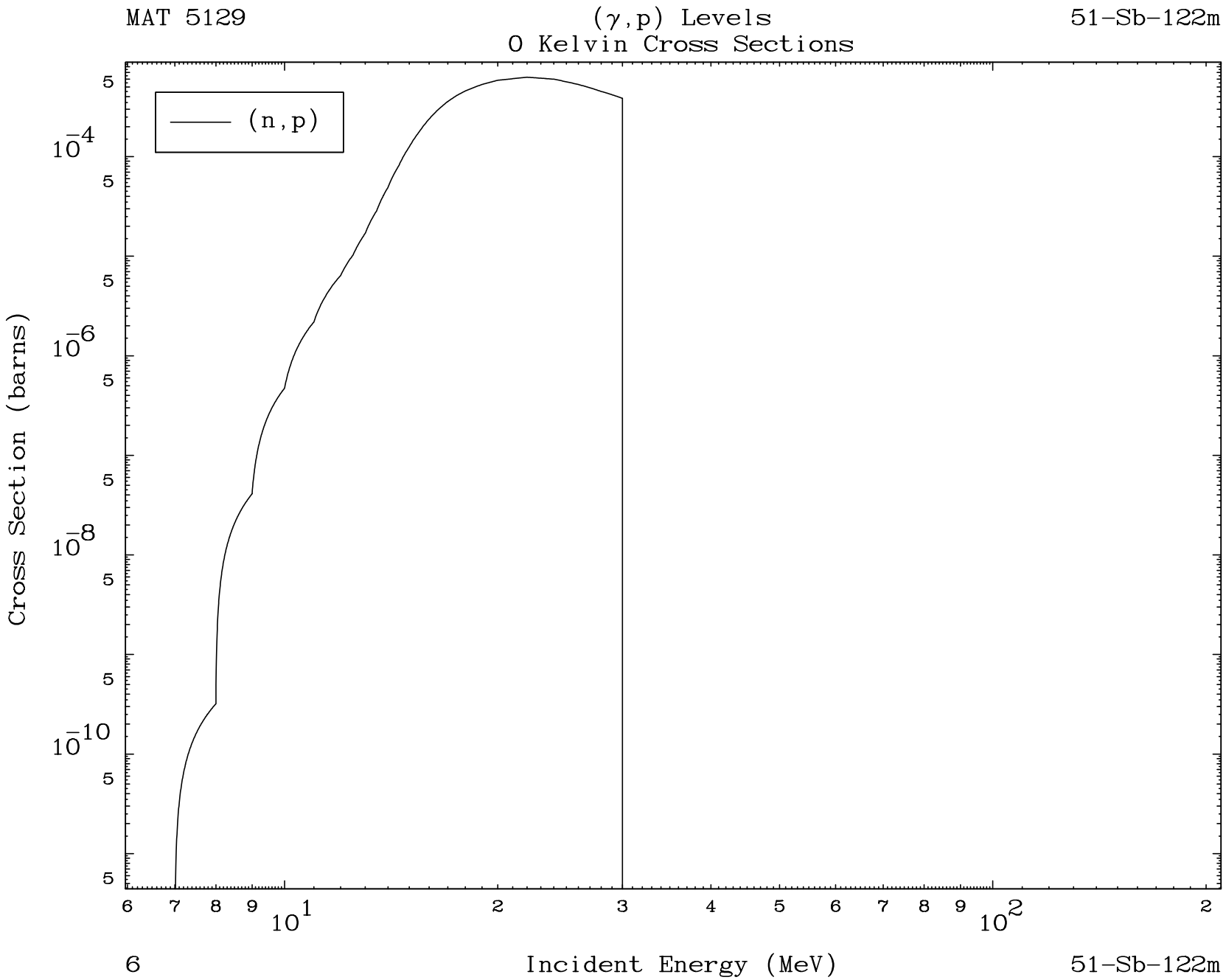

MAT 5129
Photon Major
51-Sb-122m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-122m

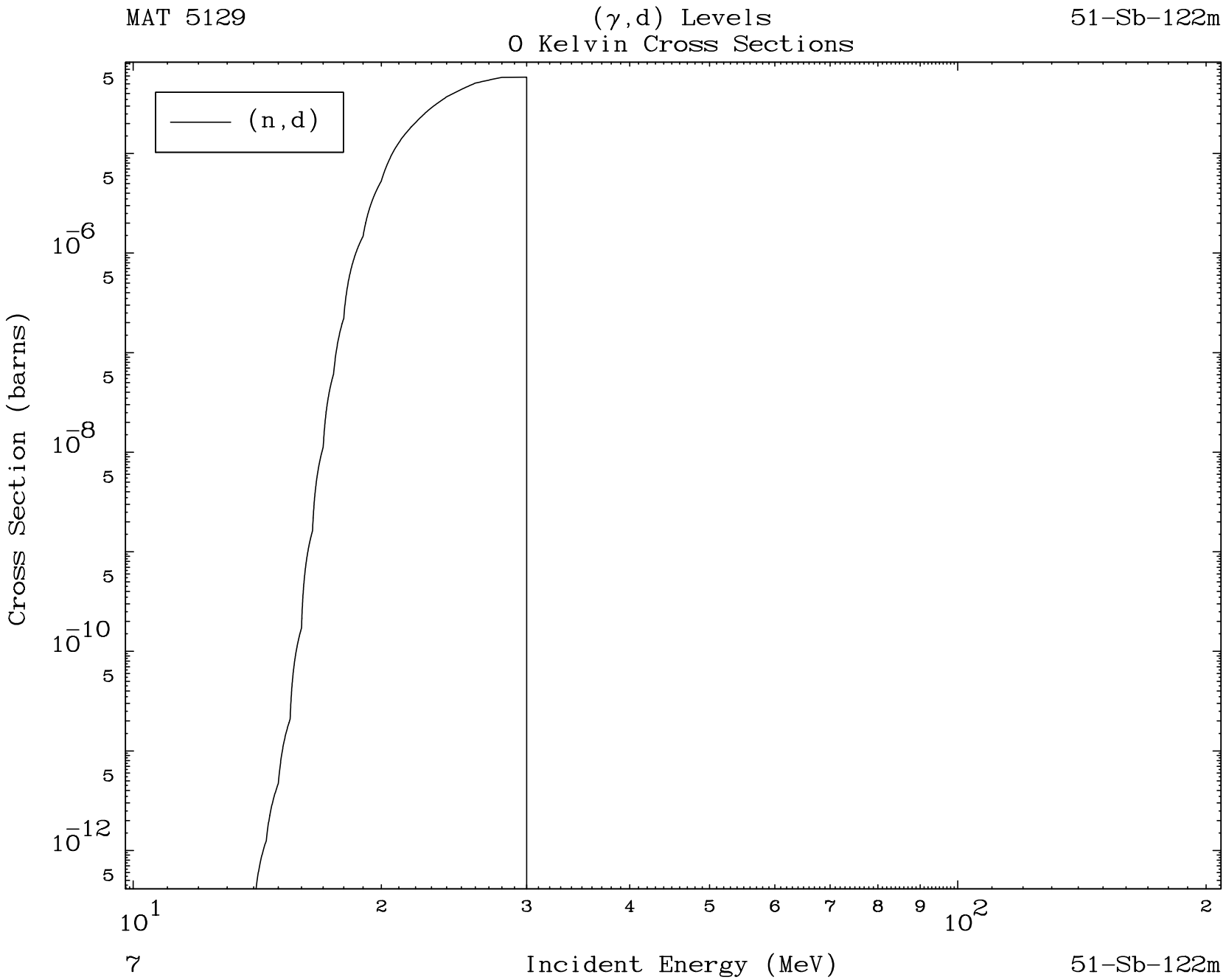

MAT 5129
Photon Neutron Absorption
0 Kelvin Cross Sections
51-Sb-122m
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
51-Sb-122m

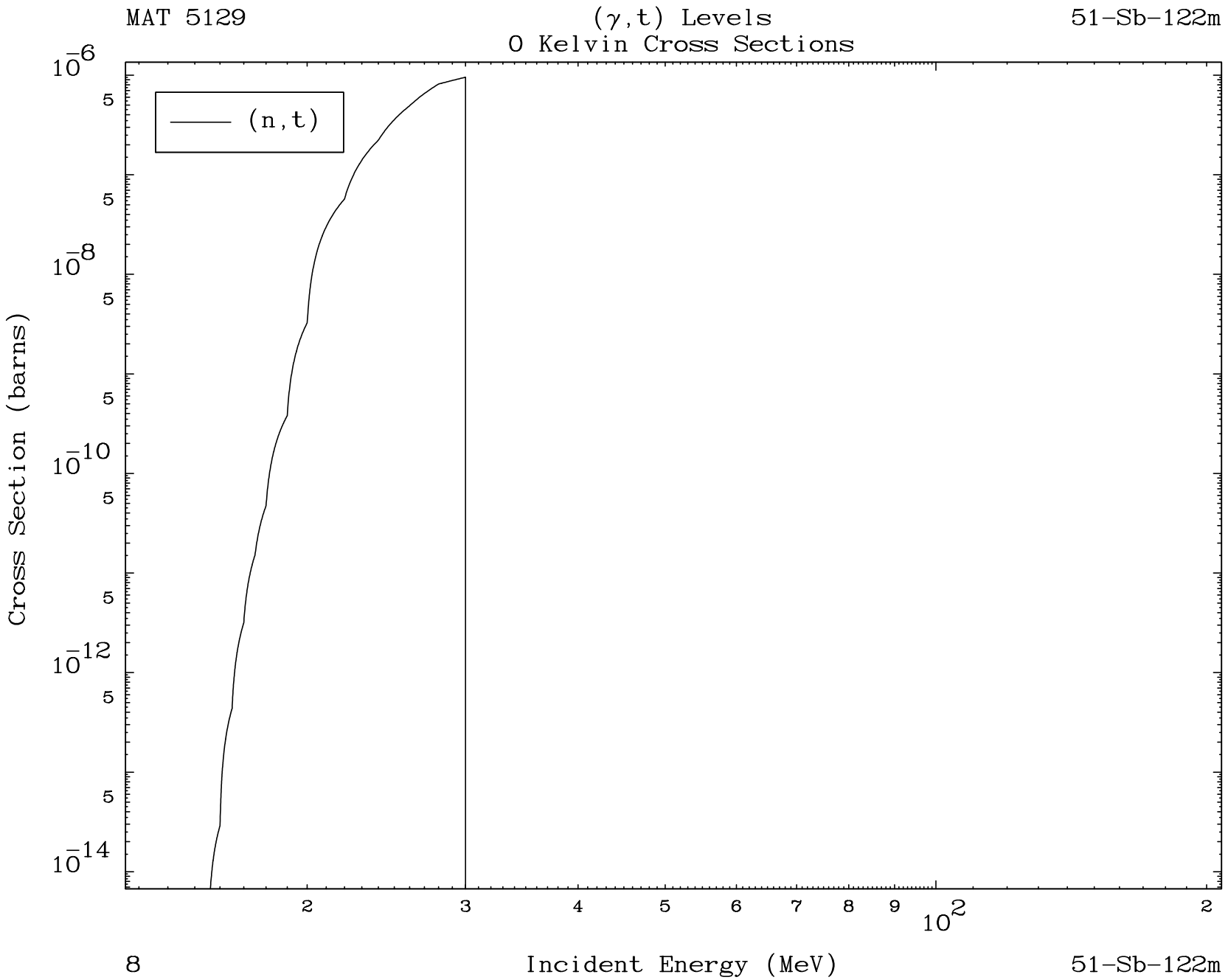

MAT 5129
Photon Neutron Absorption
0 Kelvin Cross Sections
51-Sb-122m
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
3
51-Sb-122m

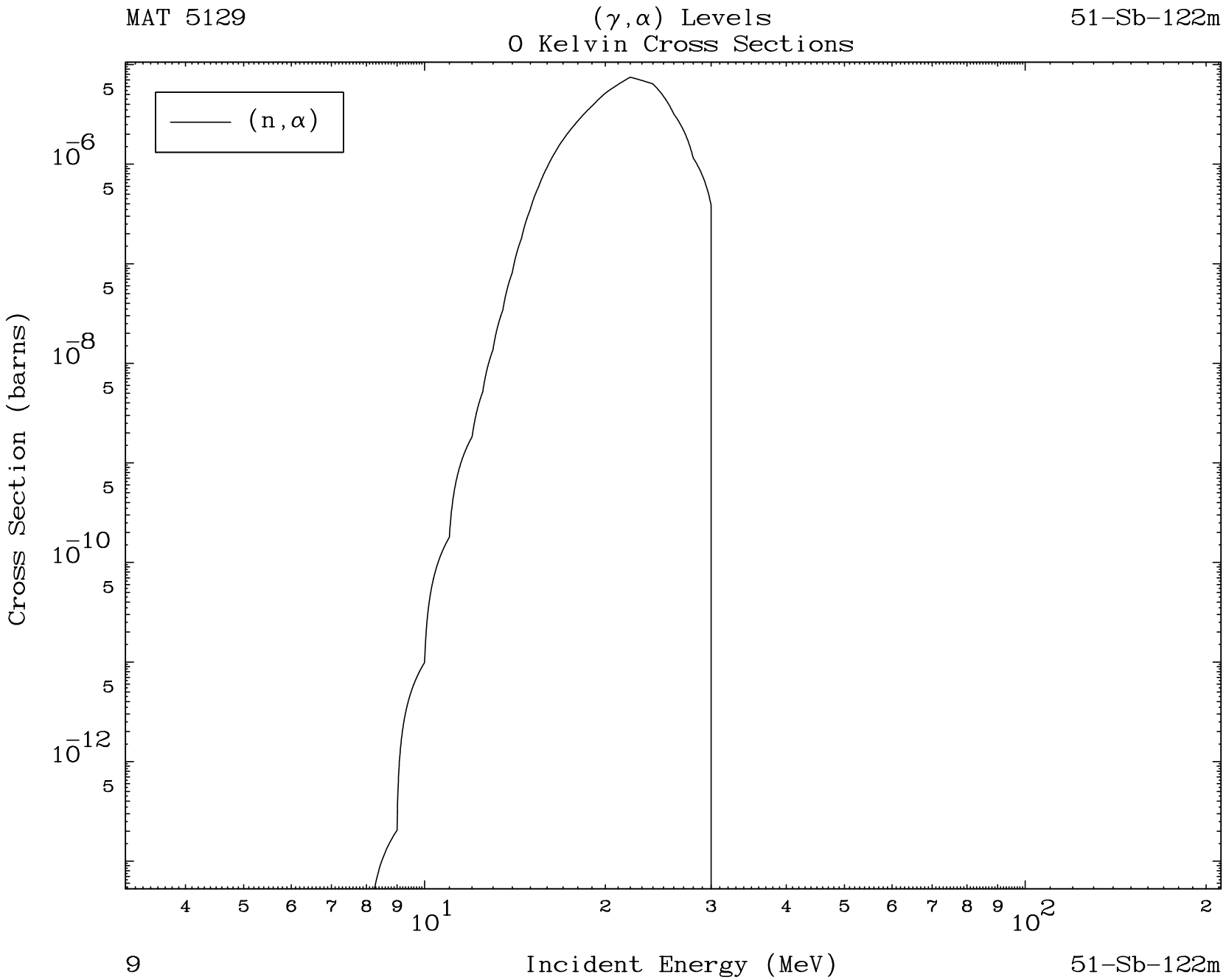

MAT 5129
Photon Charged Particle
0 Kelvin Cross Sections
51-Sb-122m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
4
51-Sb-122m

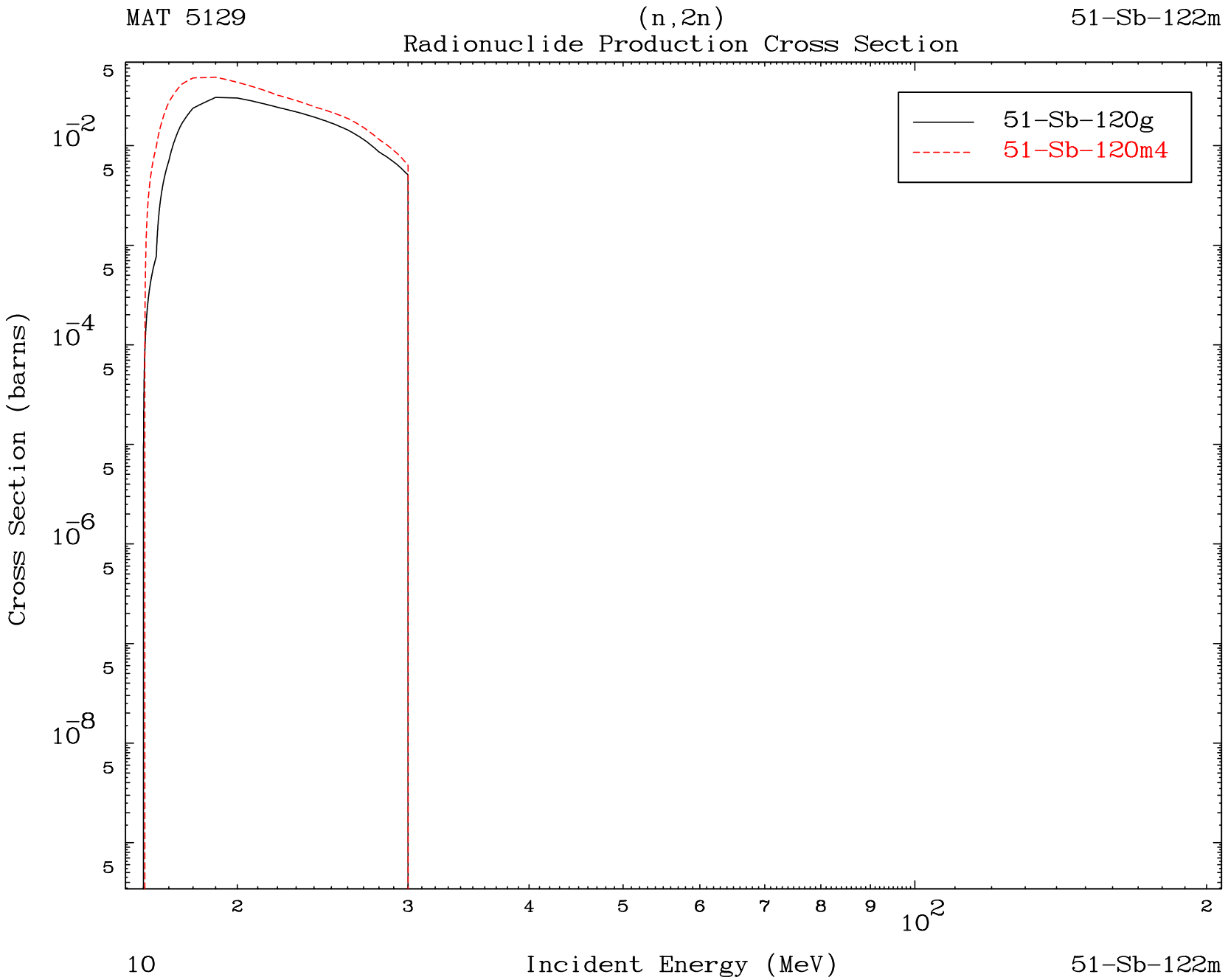

MAT 5129
(γ,n') Levels
0 Kelvin Cross Sections
51-Sb-122m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
51-Sb-122m

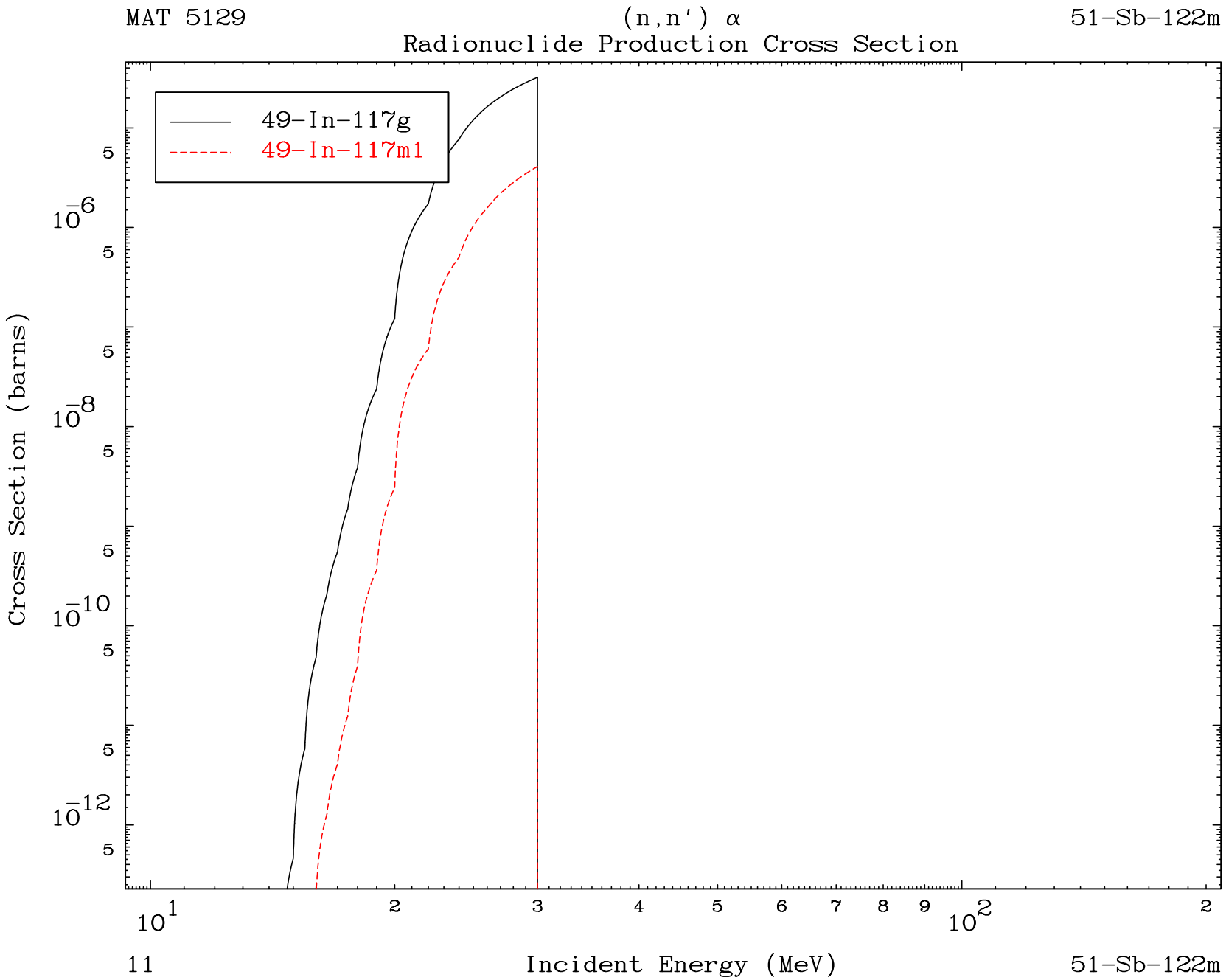

MAT 5129
(γ,p) Levels
51-Sb-122m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
51-Sb-122m

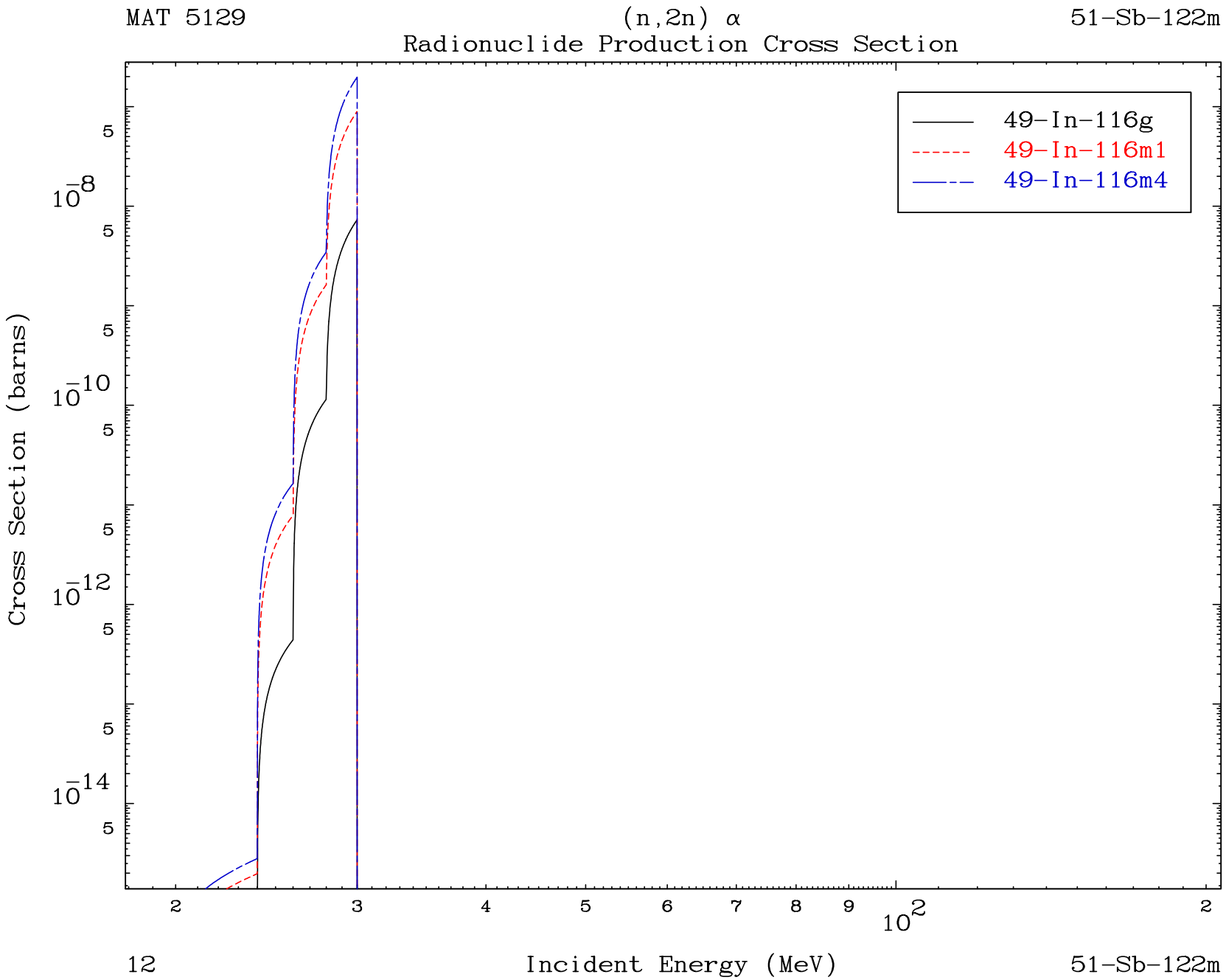

MAT 5129
(γ,d) Levels
51-Sb-122m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-122m
7

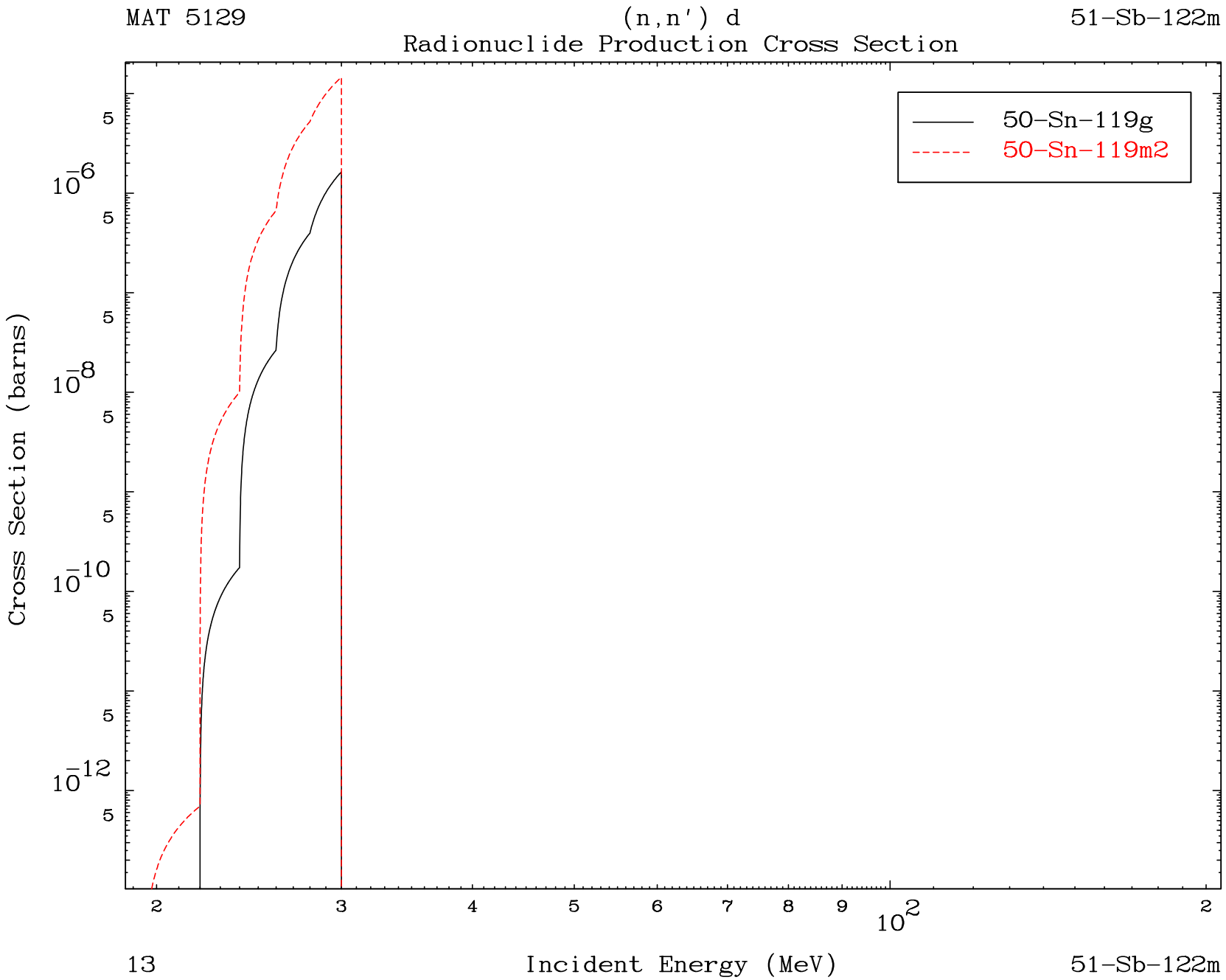

MAT 5129
(γ,t) Levels
51-Sb-122m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
10-14
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
51-Sb-122m

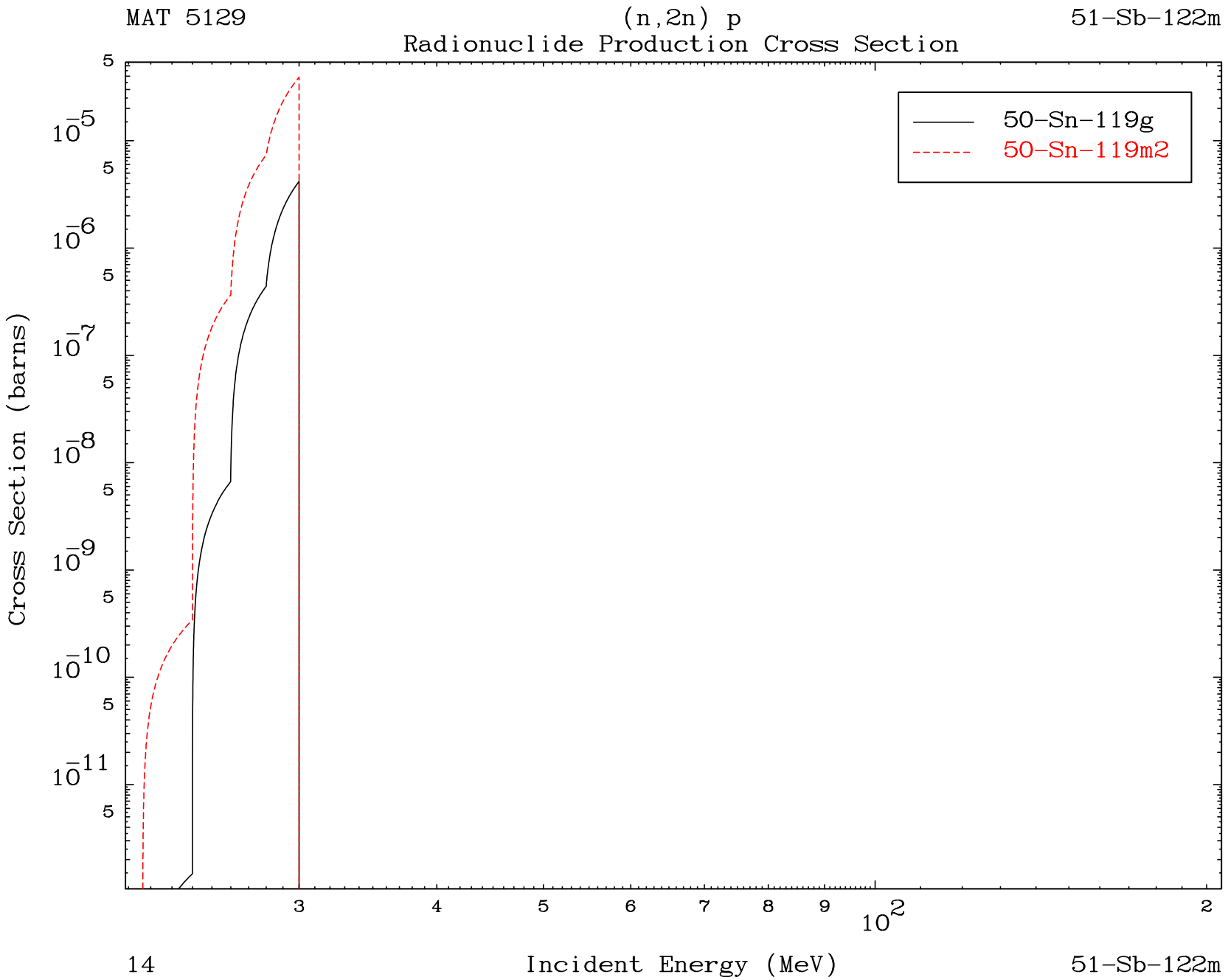

MAT 5129
(γ,α) Levels
51-Sb-122m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
51-Sb-122m

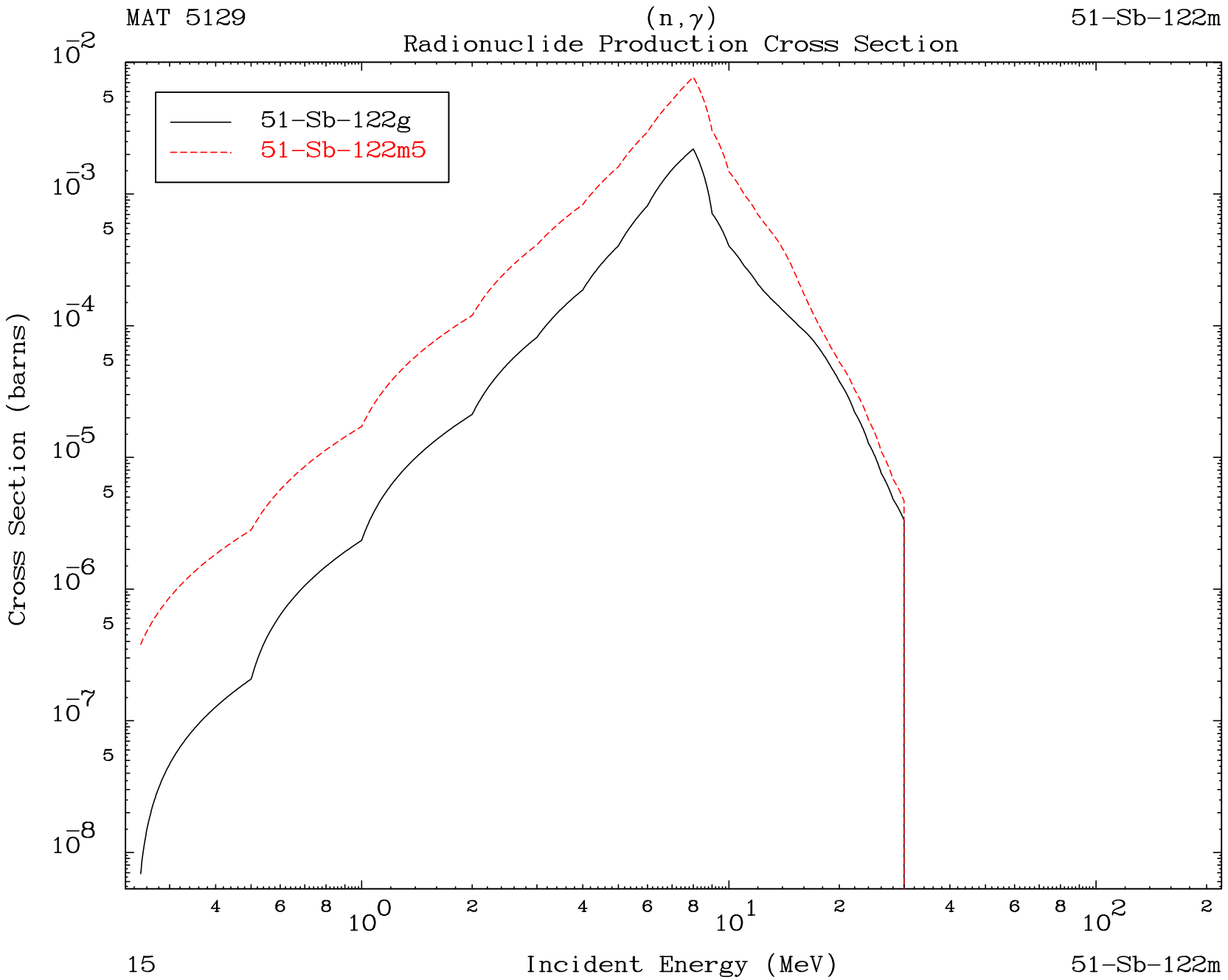

MAT 5129
(n,2n)
51-Sb-122m
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m4
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
5
6
7
8
9
10^2
10
Incident Energy (MeV)
51-Sb-122m

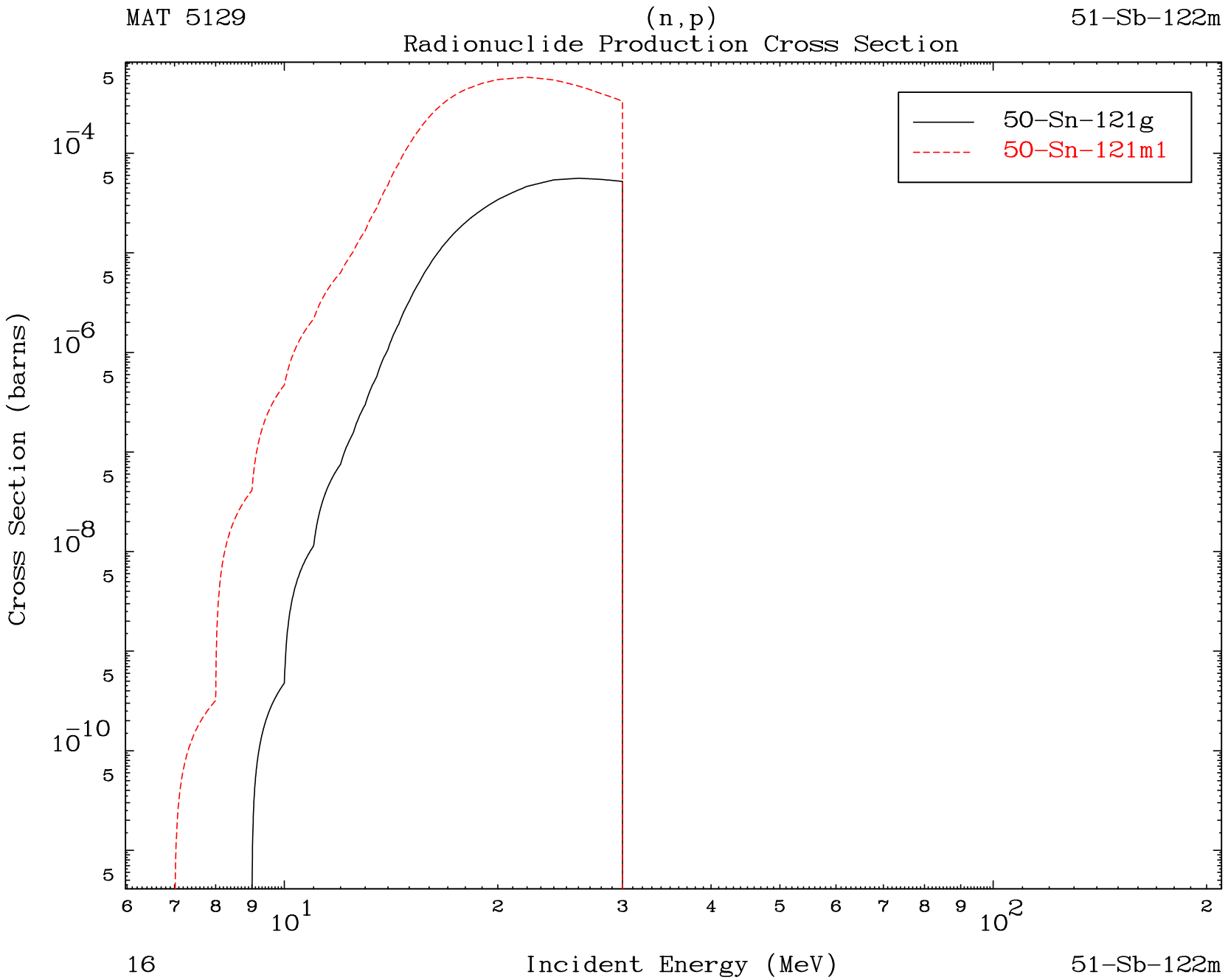

MAT 5129
(n,n') α
51-Sb-122m
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
11
Incident Energy (MeV)
51-Sb-122m

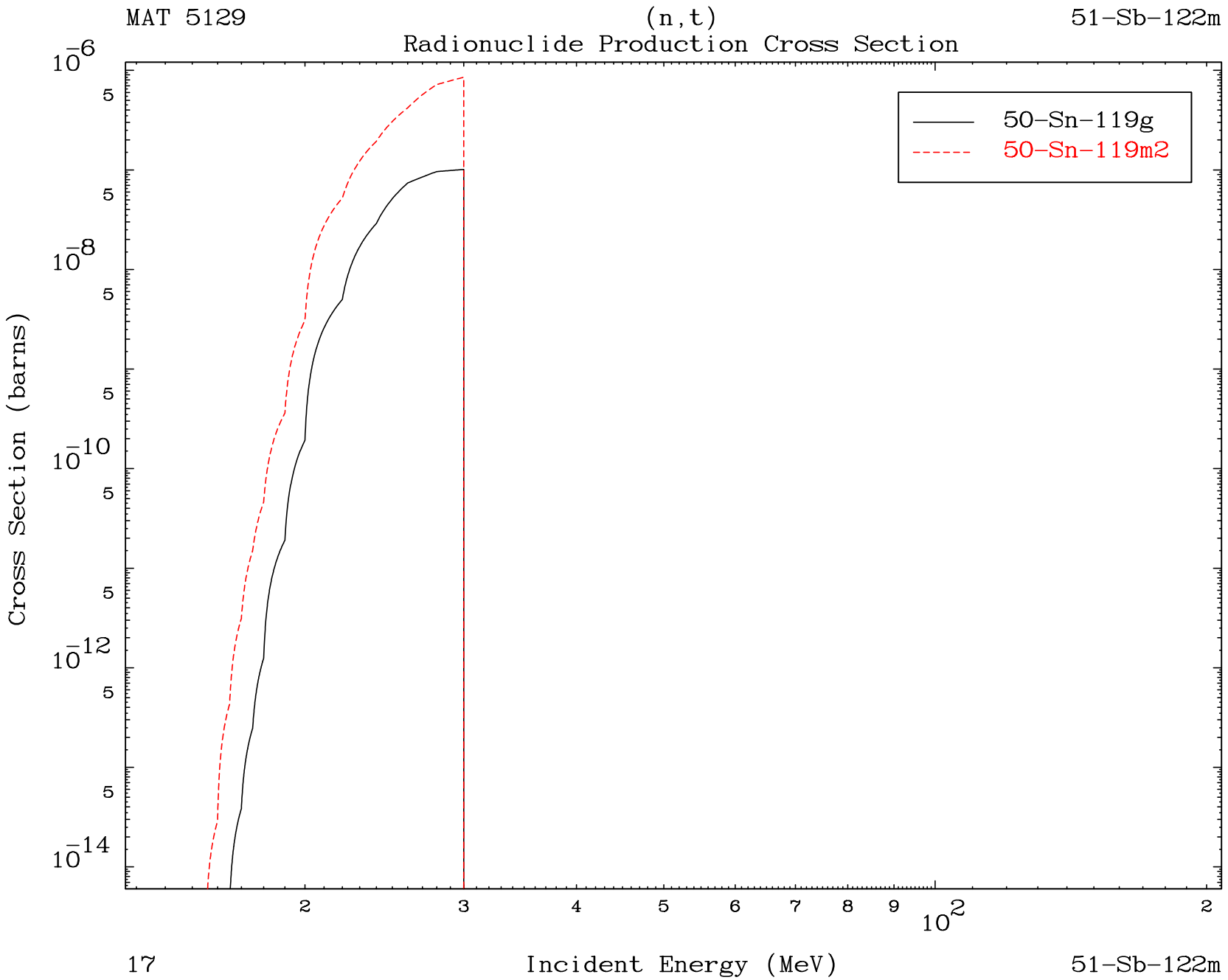

MAT 5129
(n,2n) α
51-Sb-122m
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
51-Sb-122m

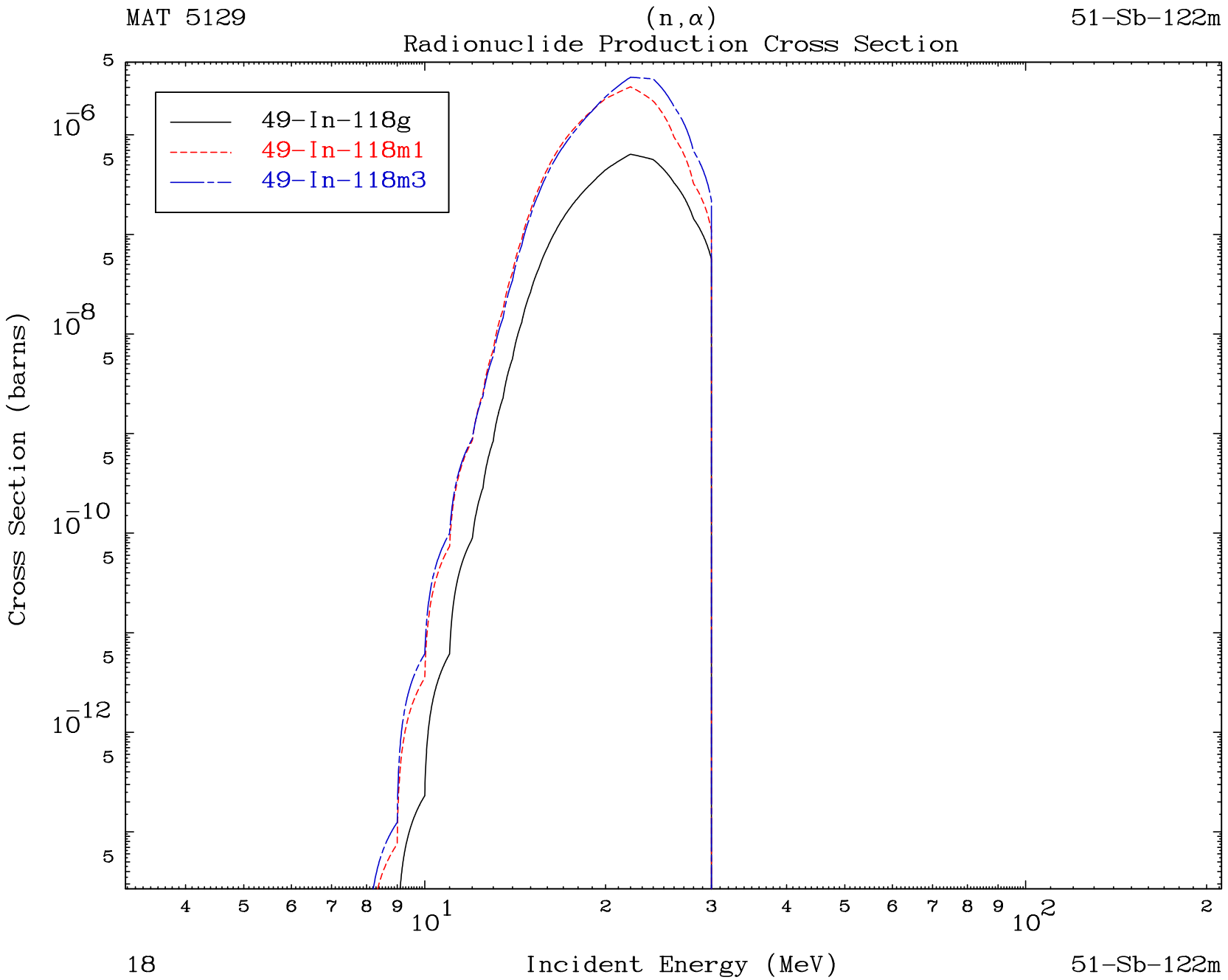

MAT 5129
(n,n') d
51-Sb-122m
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
51-Sb-122m

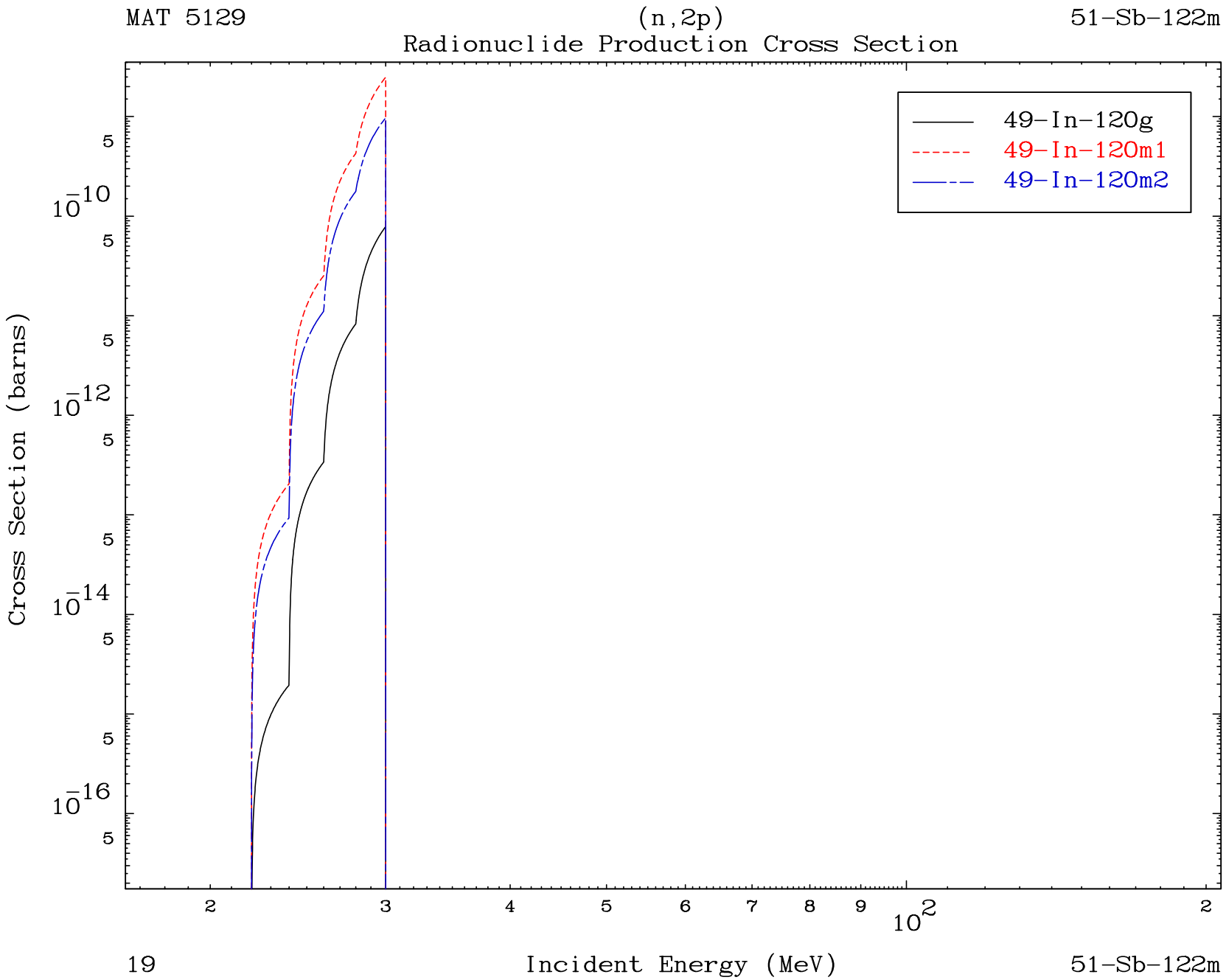

MAT 5129
(n,2n) p
51-Sb-122m
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
14
51-Sb-122m


MAT 5129
(n,γ)
51-Sb-122m
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
15
51-Sb-122m


MAT 5129
(n,p)
51-Sb-122m
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
16
51-Sb-122m


MAT 5129
(n,t)
51-Sb-122m
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
17
51-Sb-122m


MAT 5129
(n,α)
51-Sb-122m
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
18
51-Sb-122m


MAT 5129
(n,2p)
51-Sb-122m
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
19
51-Sb-122m