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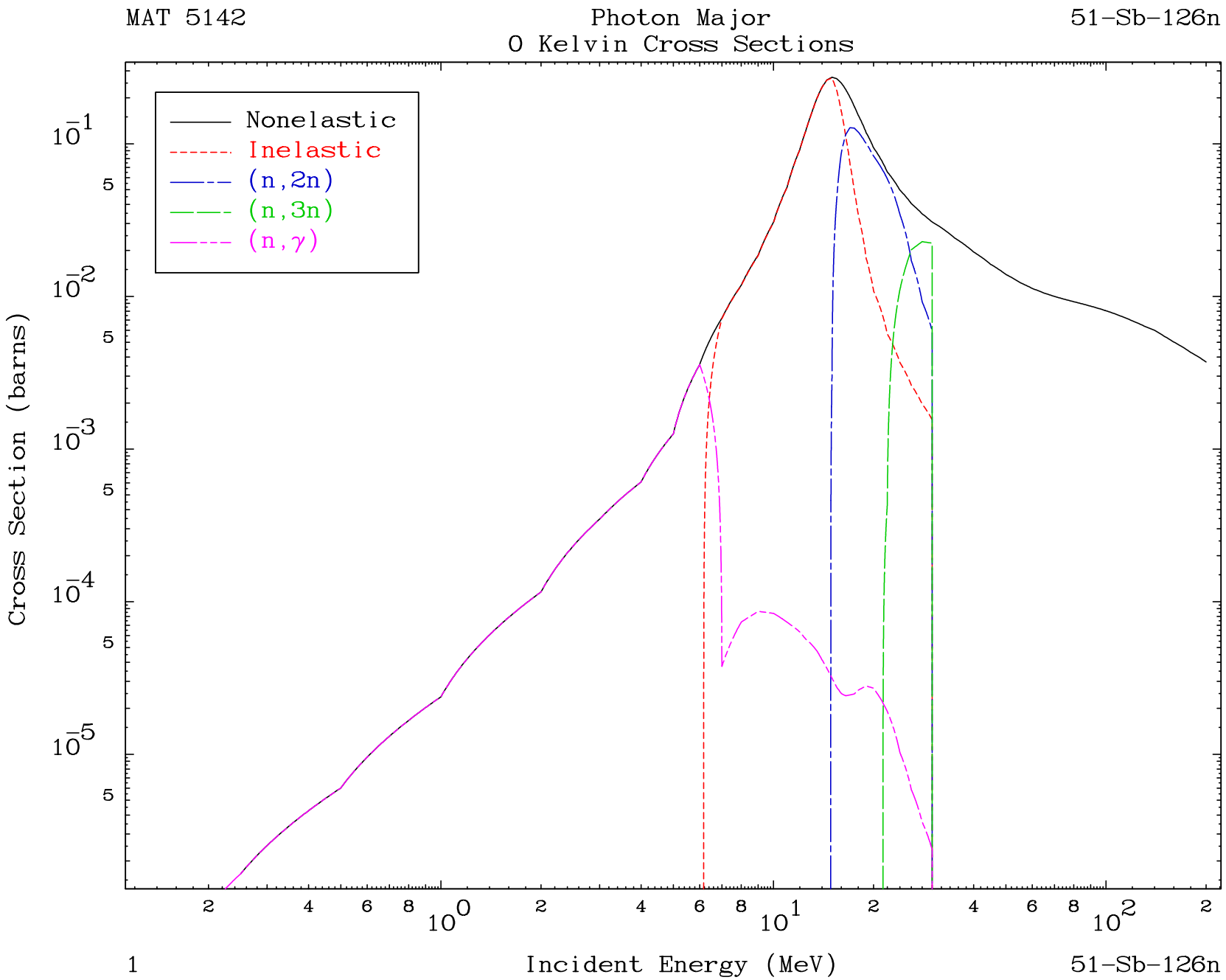
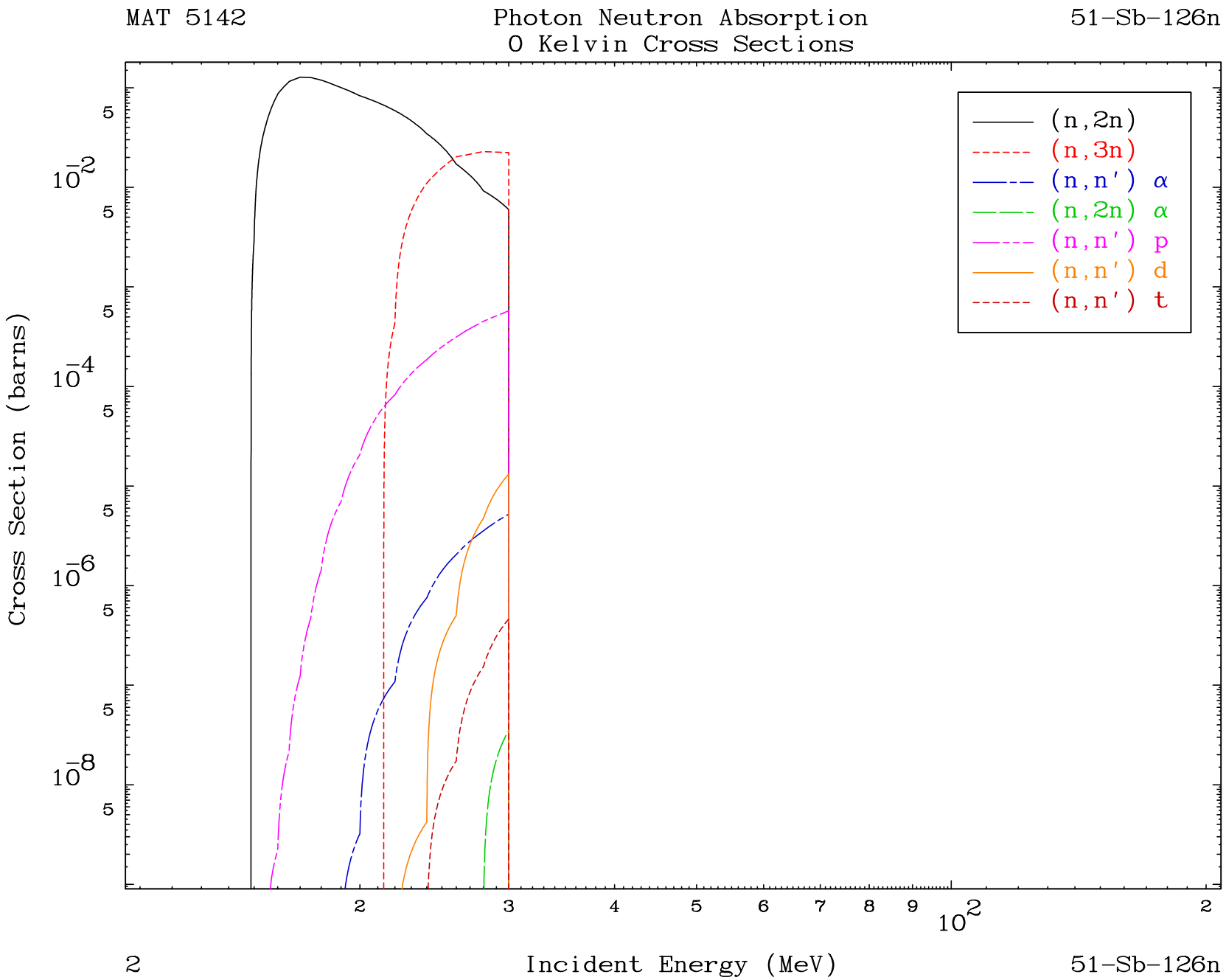
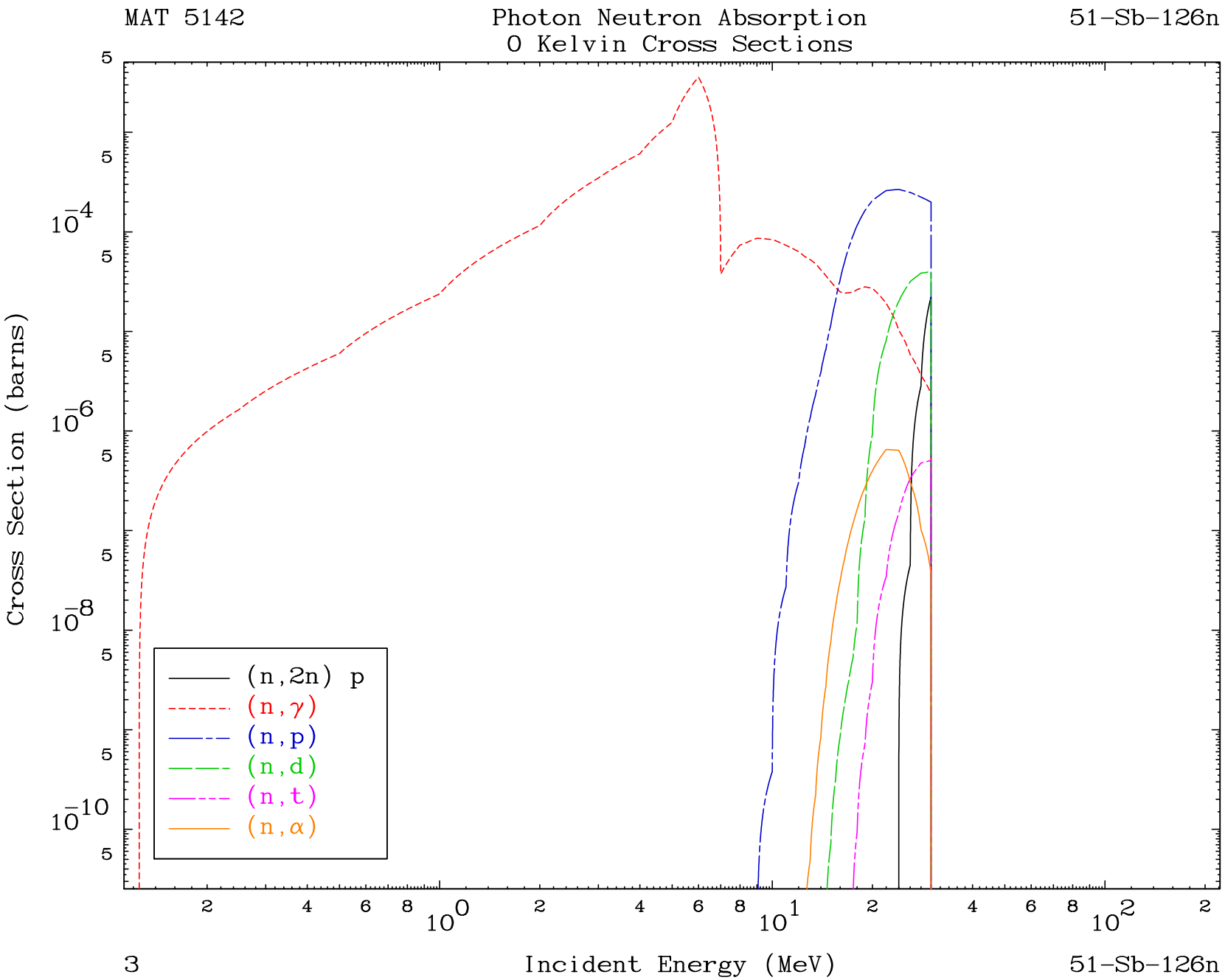
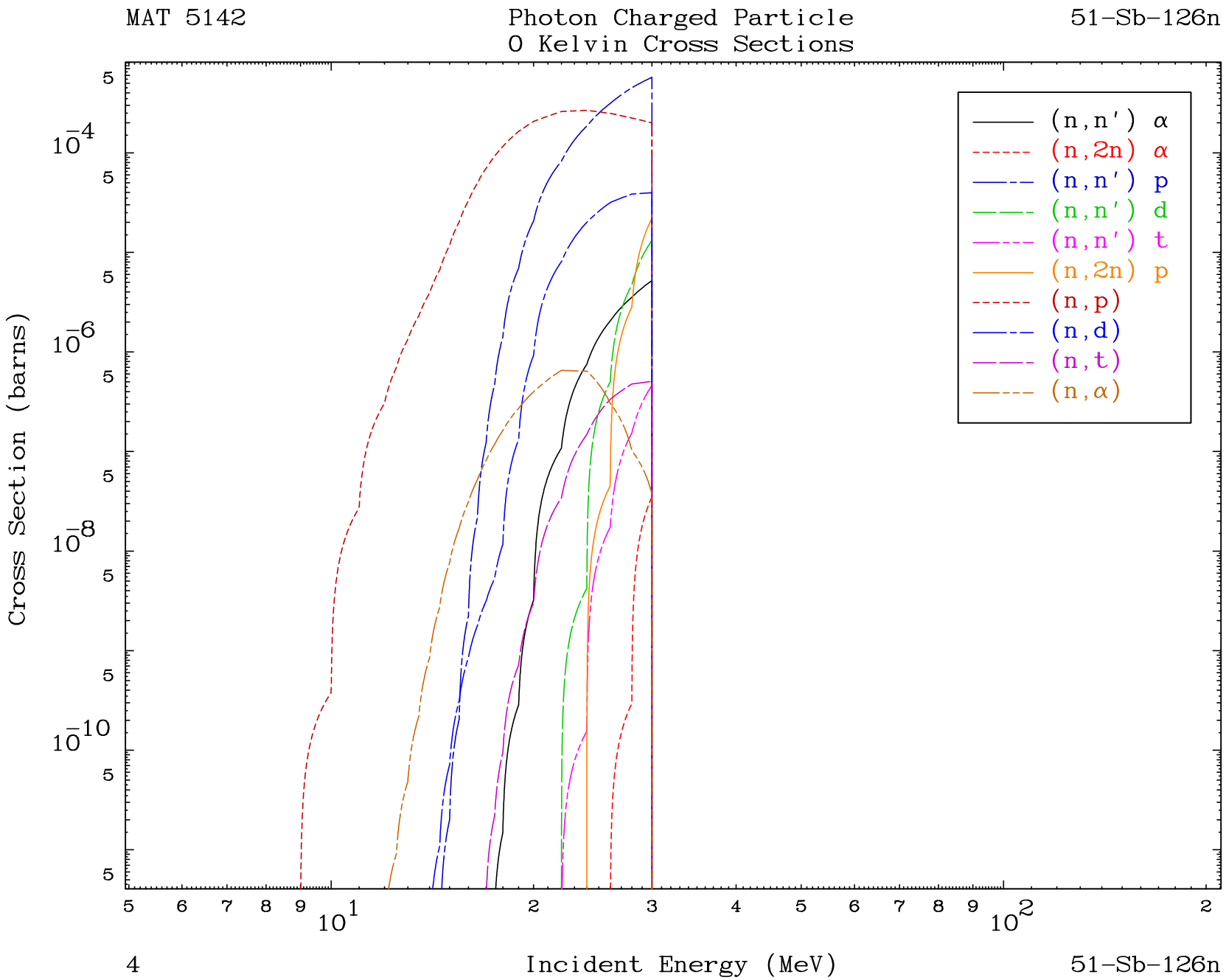
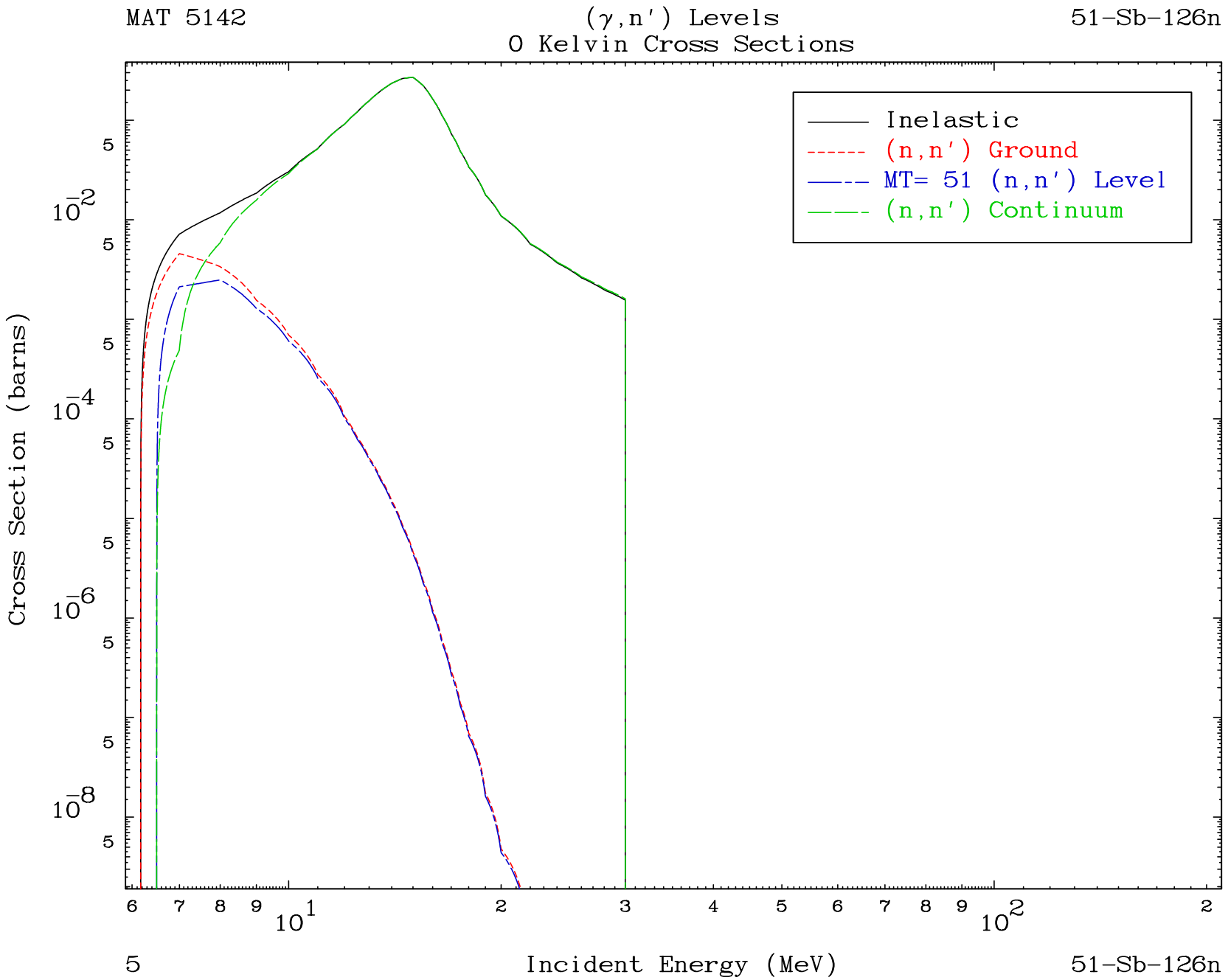
Press Mouse Button to Start

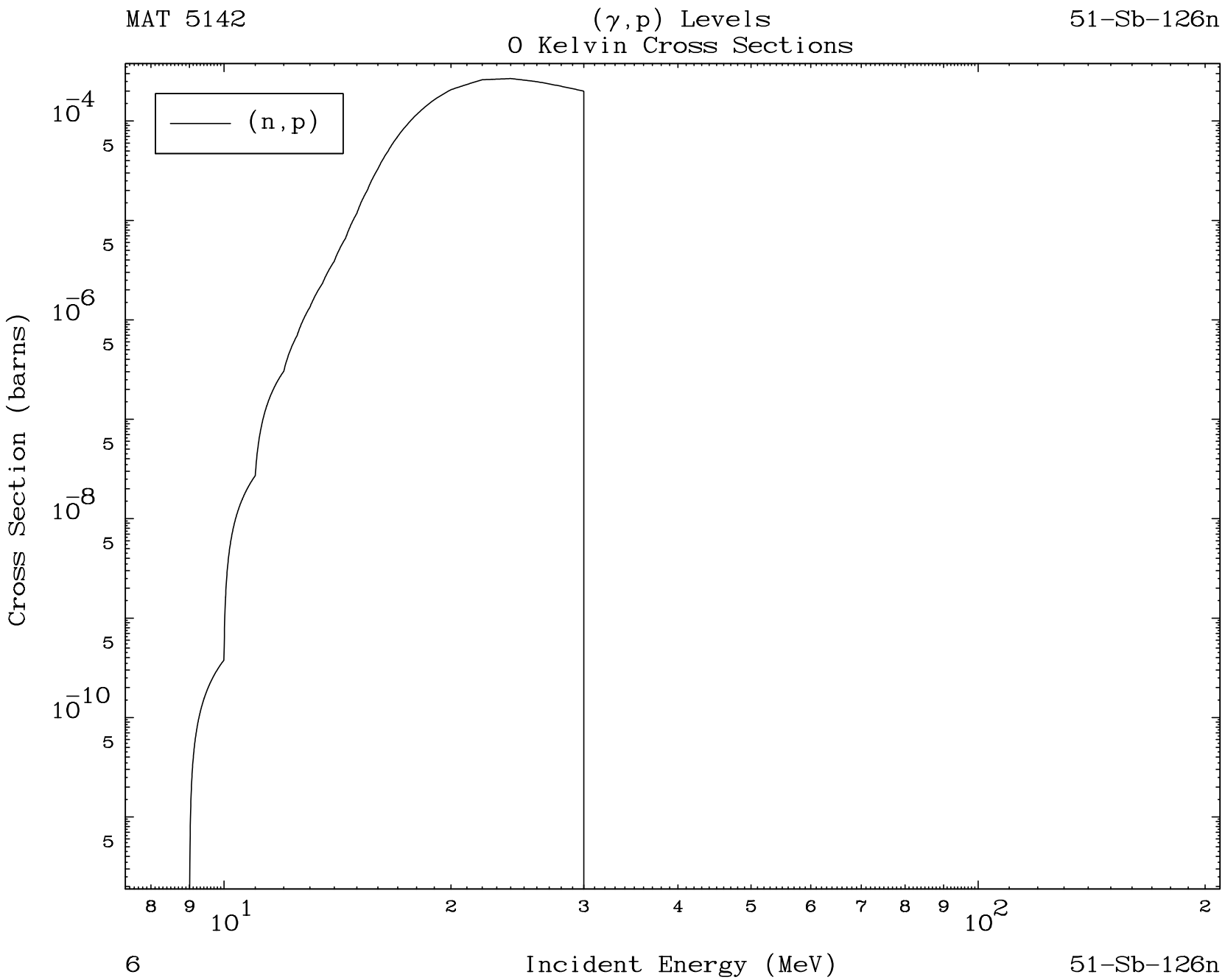

MAT 5142
Photon Major
51-Sb-126n
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-126n
1

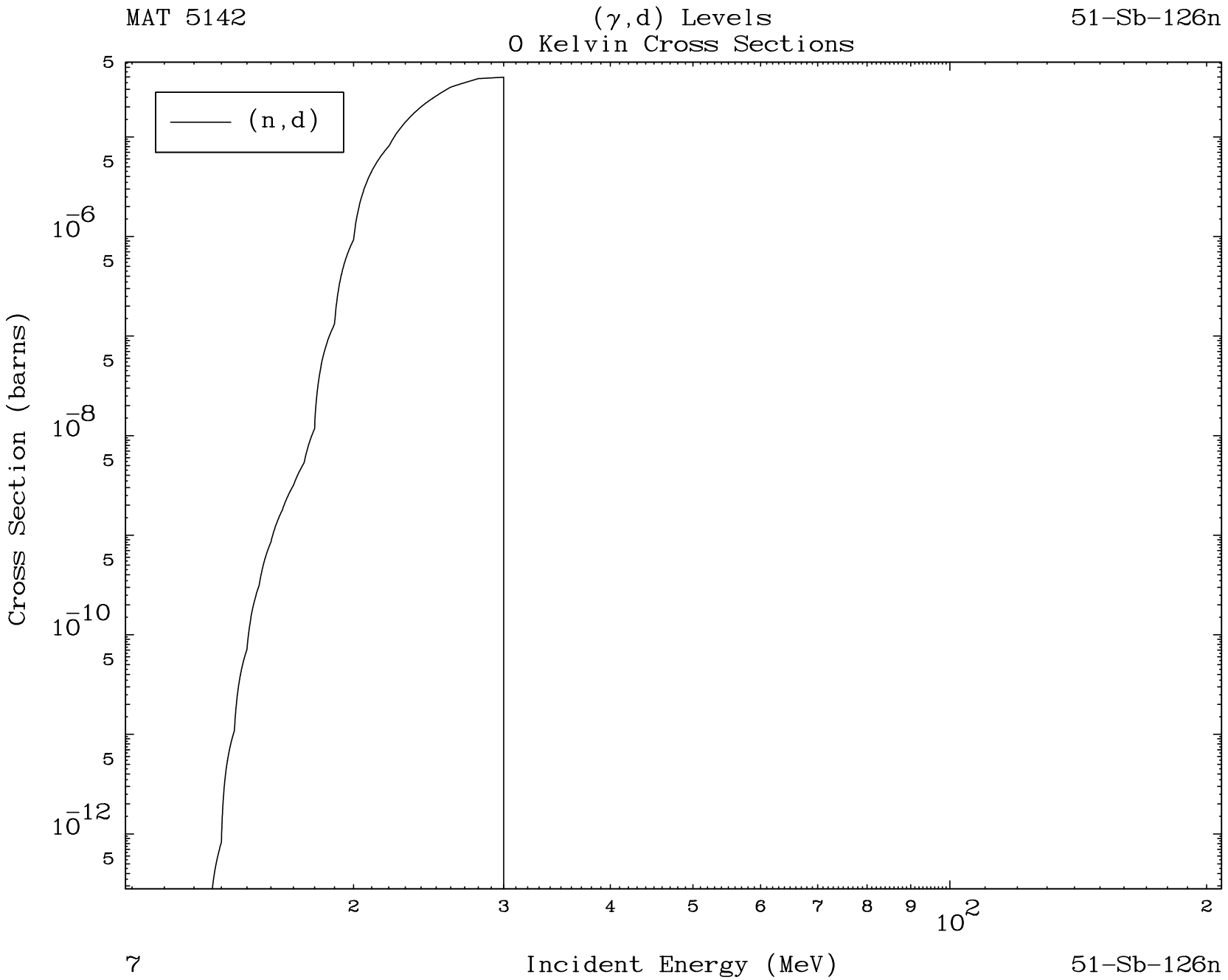

MAT 5142
Photon Neutron Absorption
0 Kelvin Cross Sections
51-Sb-126n
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
51-Sb-126n

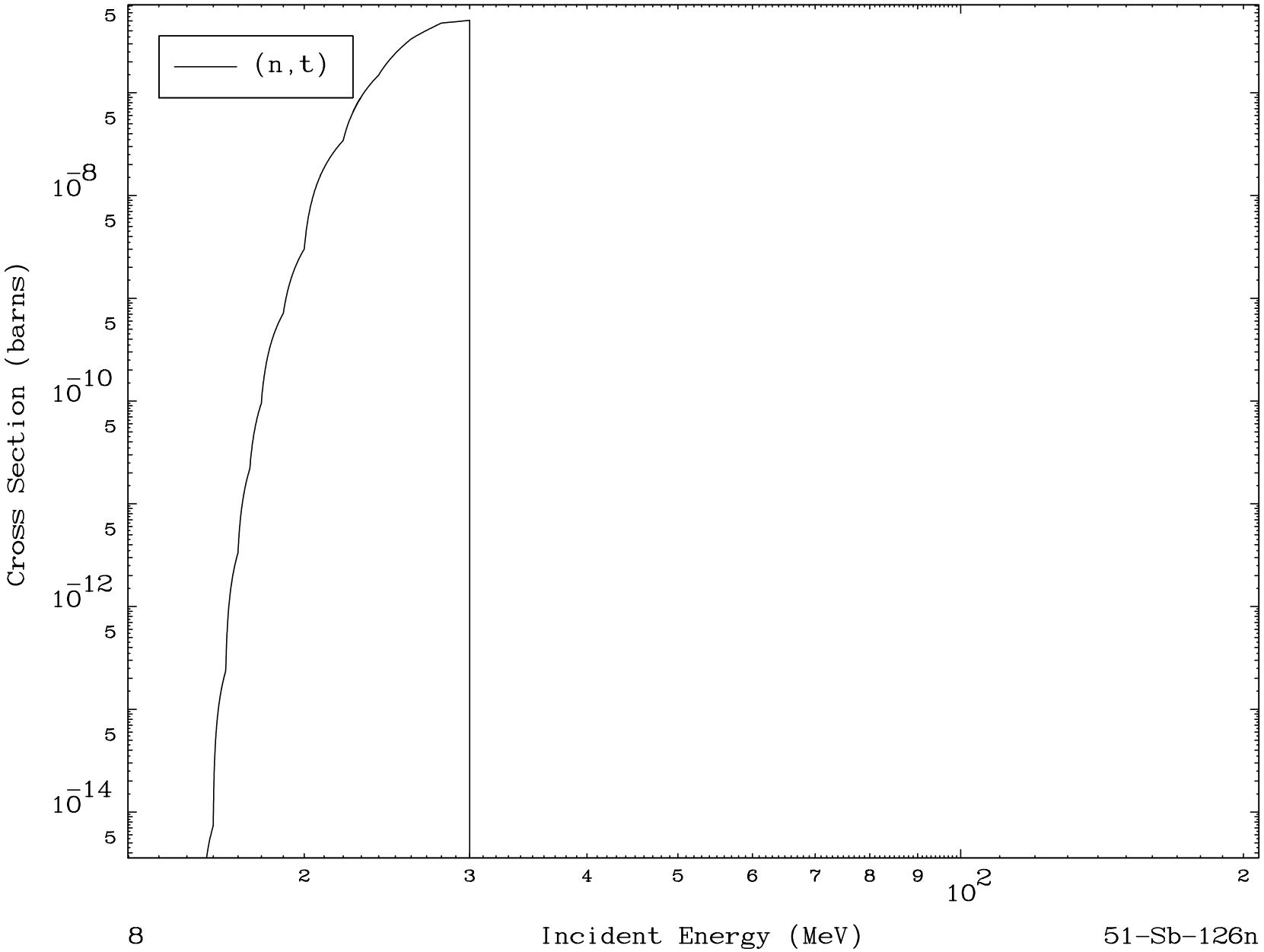

MAT 5142
Photon Neutron Absorption
0 Kelvin Cross Sections
51-Sb-126n
Cross Section (barns)
Incident Energy (MeV)
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
3
51-Sb-126n

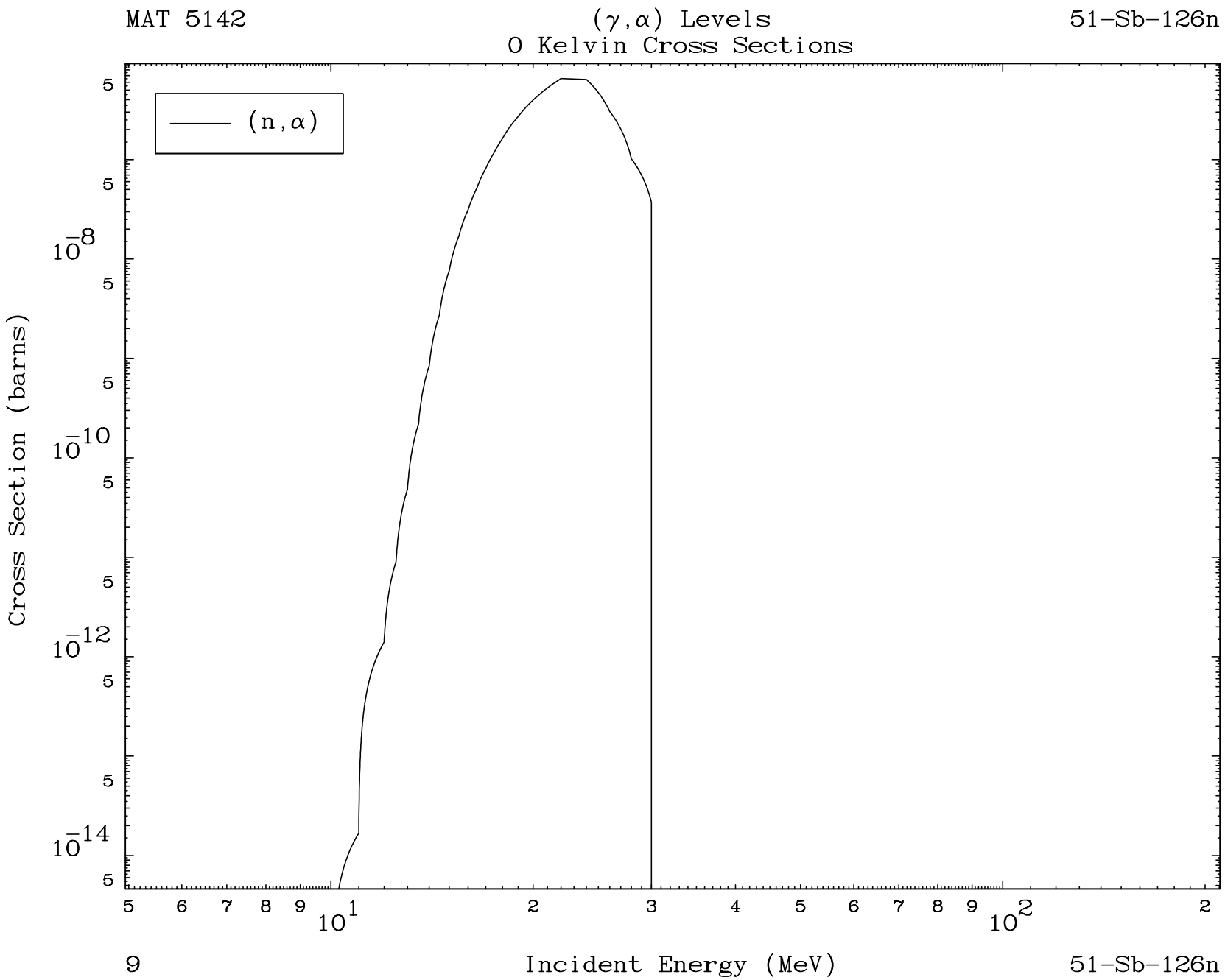

MAT 5142
Photon Charged Particle
0 Kelvin Cross Sections
51-Sb-126n
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
4
51-Sb-126n

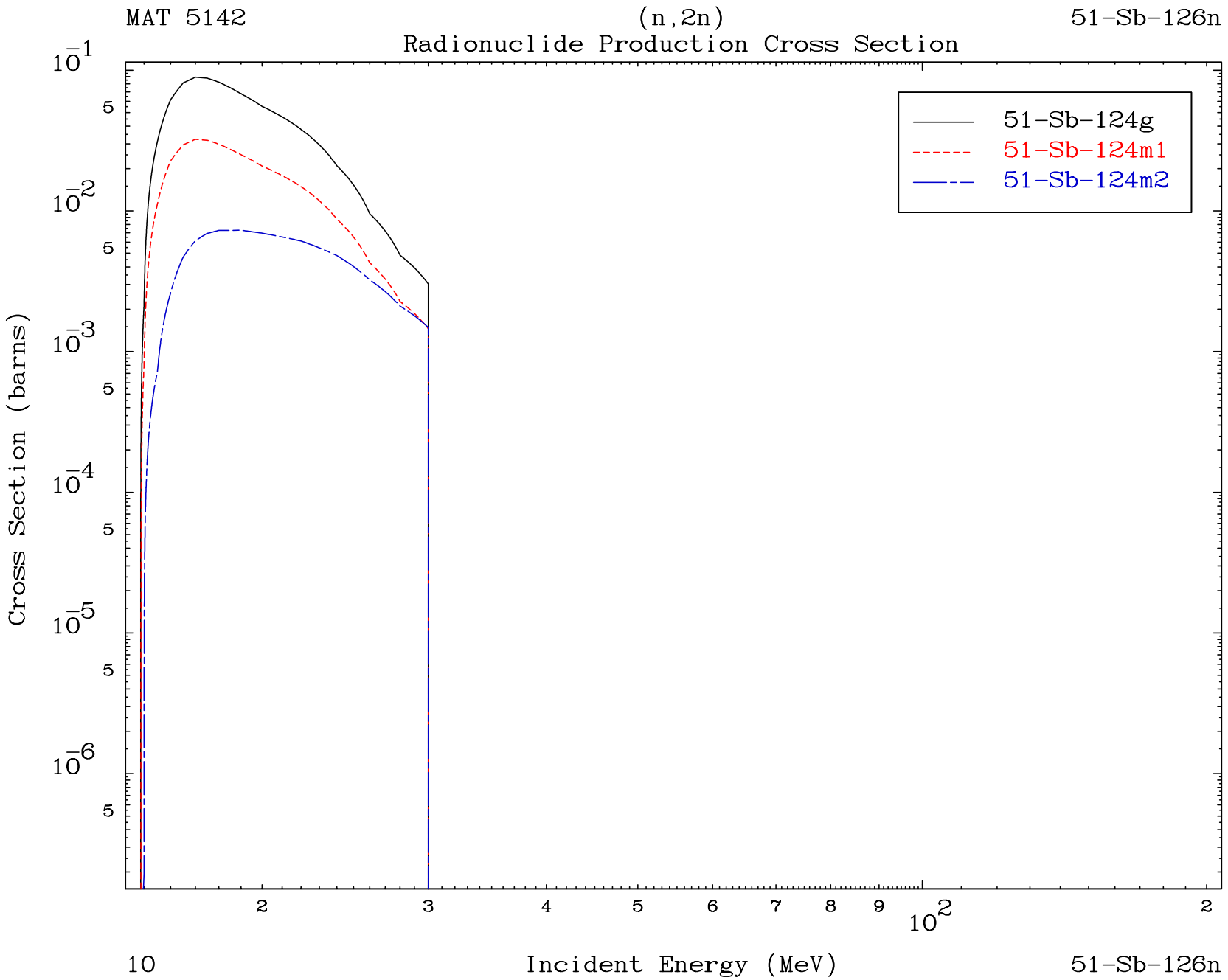

MAT 5142
(γ,n') Levels
0 Kelvin Cross Sections
51-Sb-126n
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
51-Sb-126n

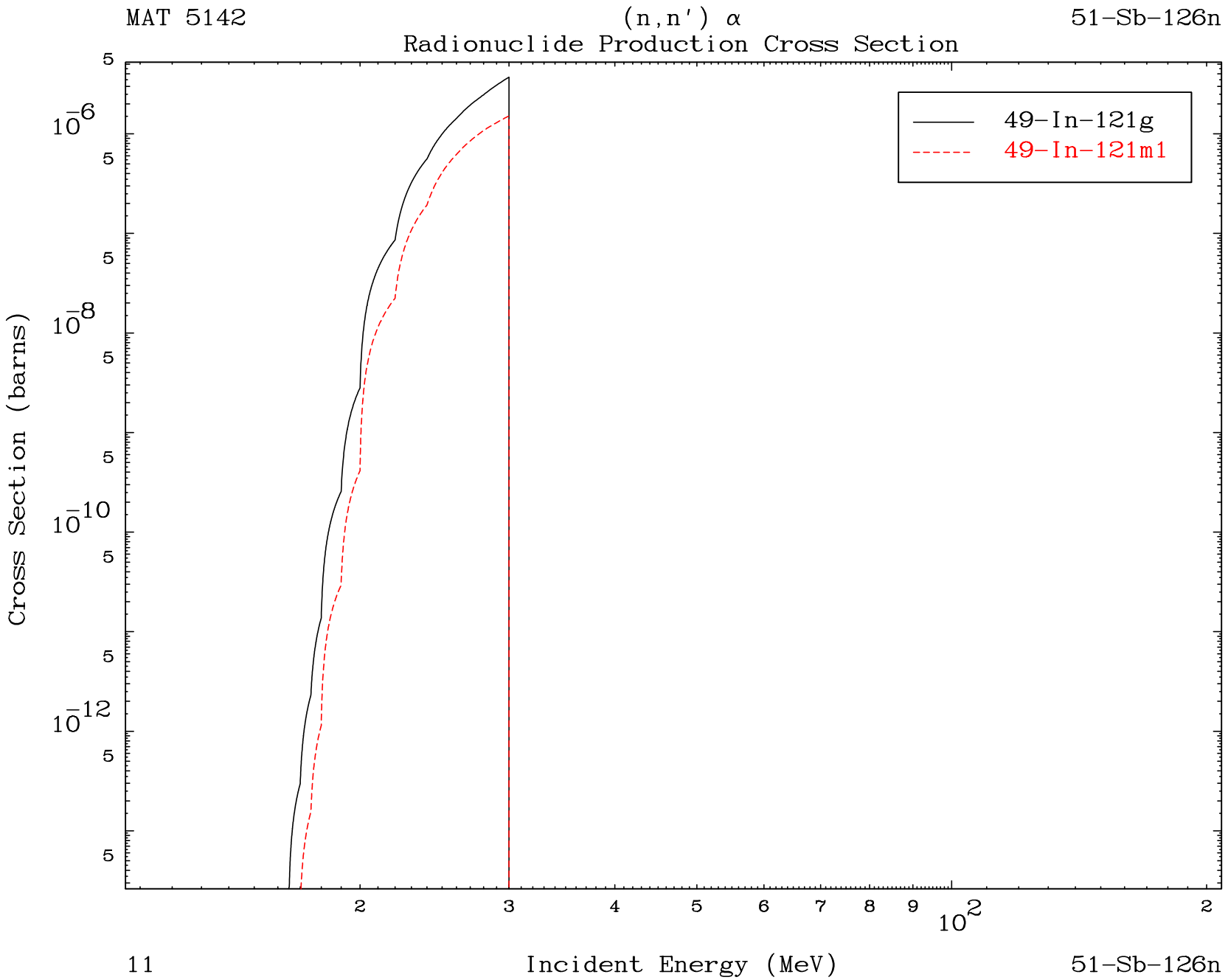

MAT 5142
(γ,p) Levels
51-Sb-126n
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
51-Sb-126n

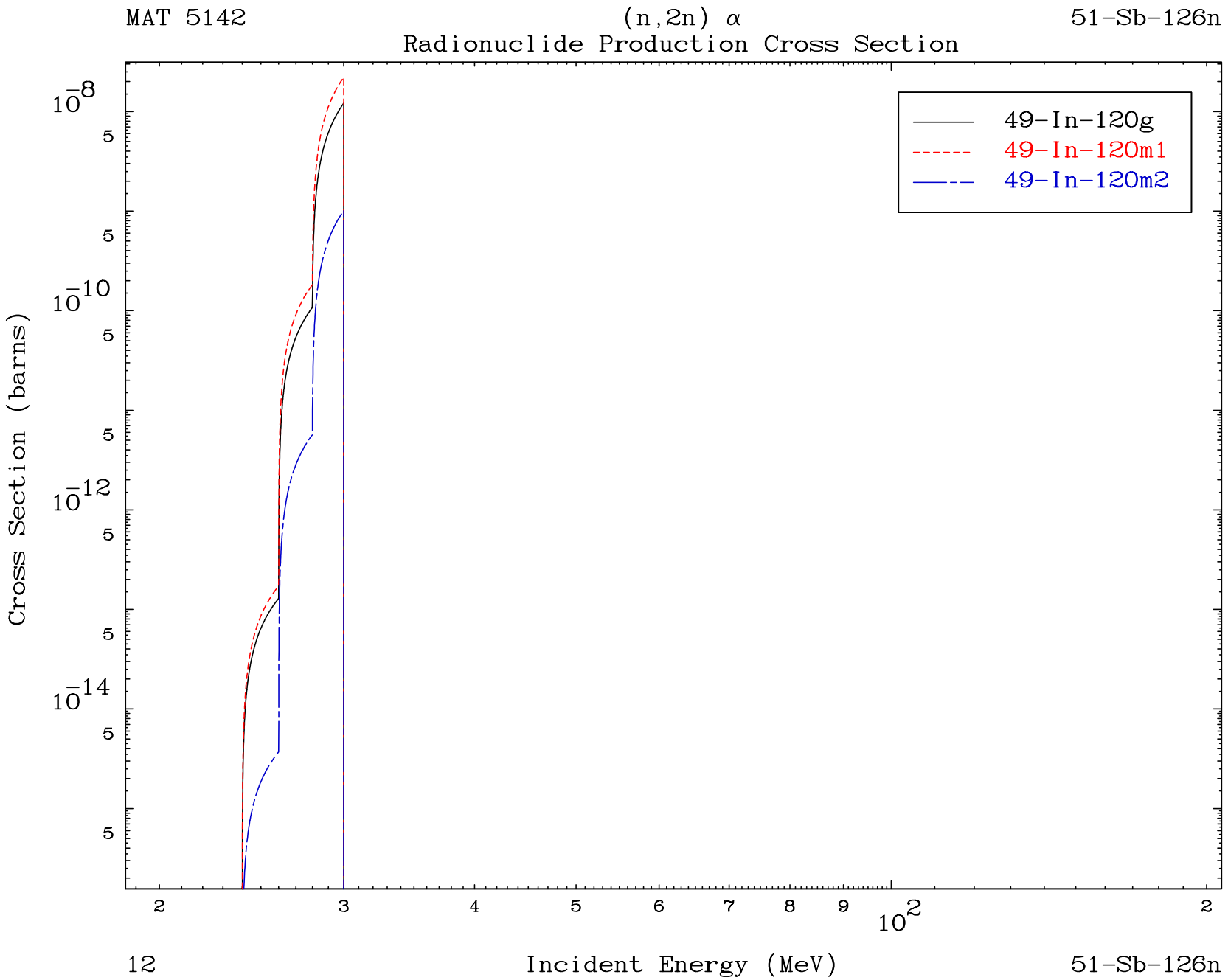

MAT 5142
(γ,d) Levels
51-Sb-126n
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
51-Sb-126n

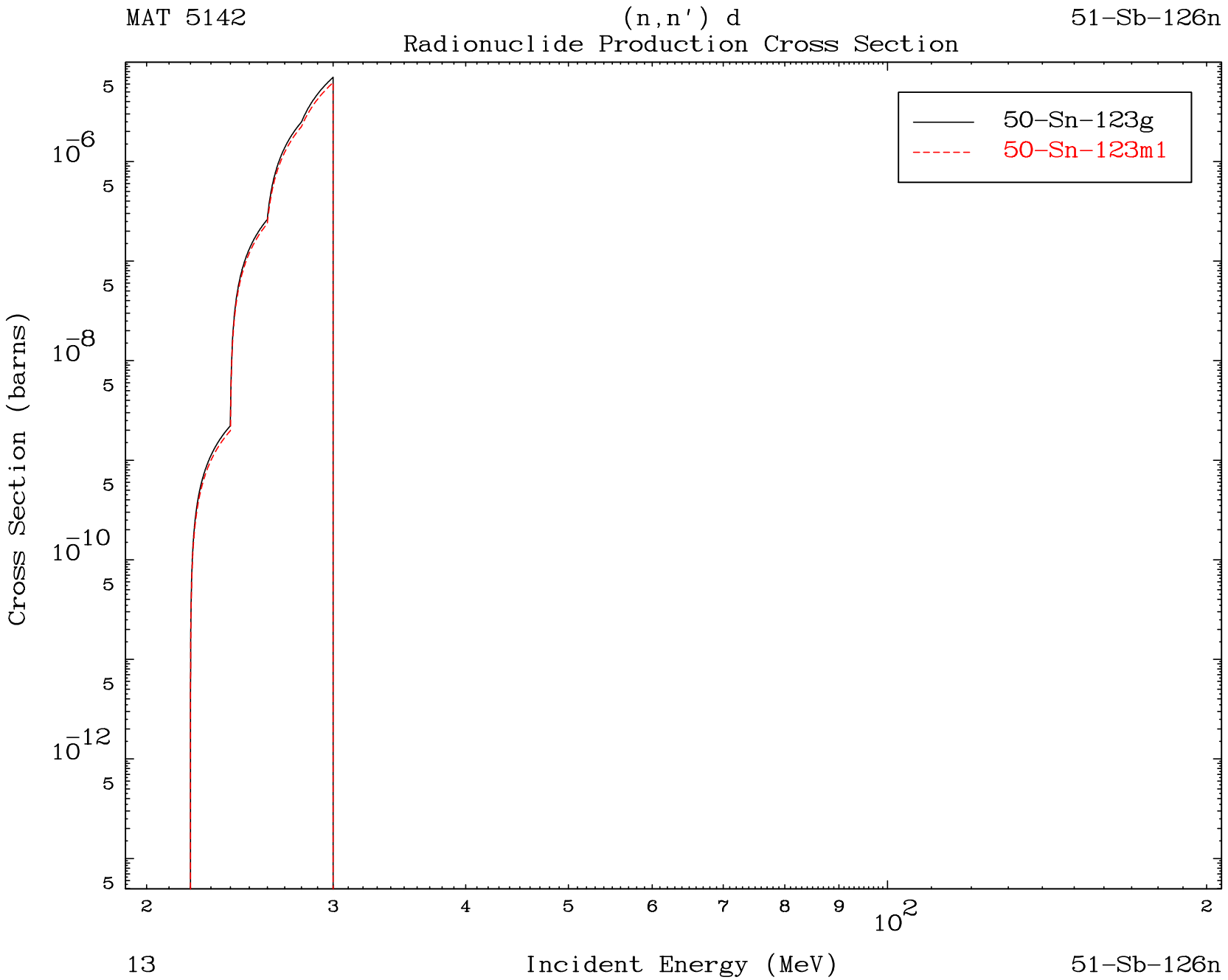

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)

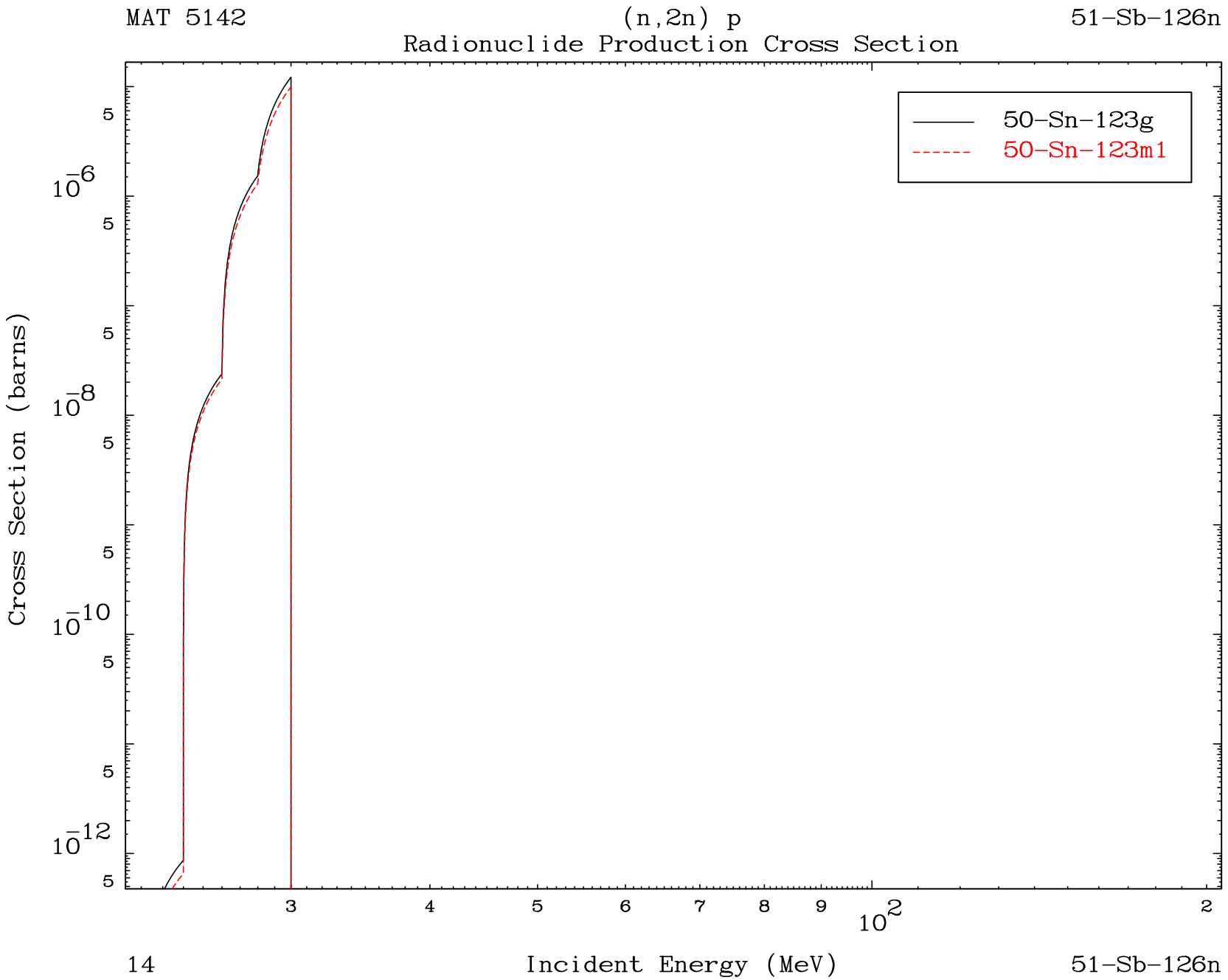

MAT 5142
(γ,α) Levels
51-Sb-126n
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-126n
9

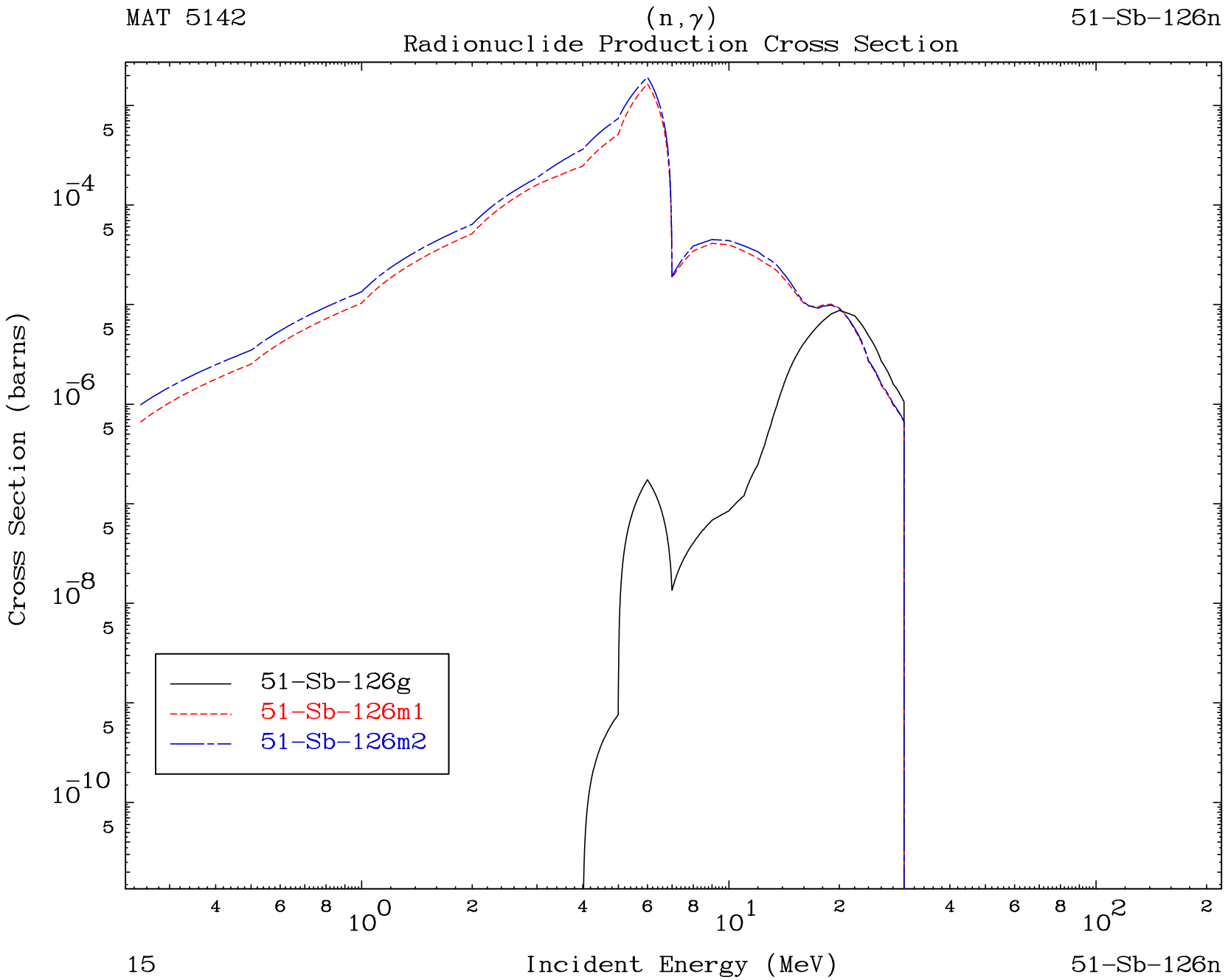

MAT 5142
(n,2n)
51-Sb-126n
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
Incident Energy (MeV)
10
51-Sb-126n

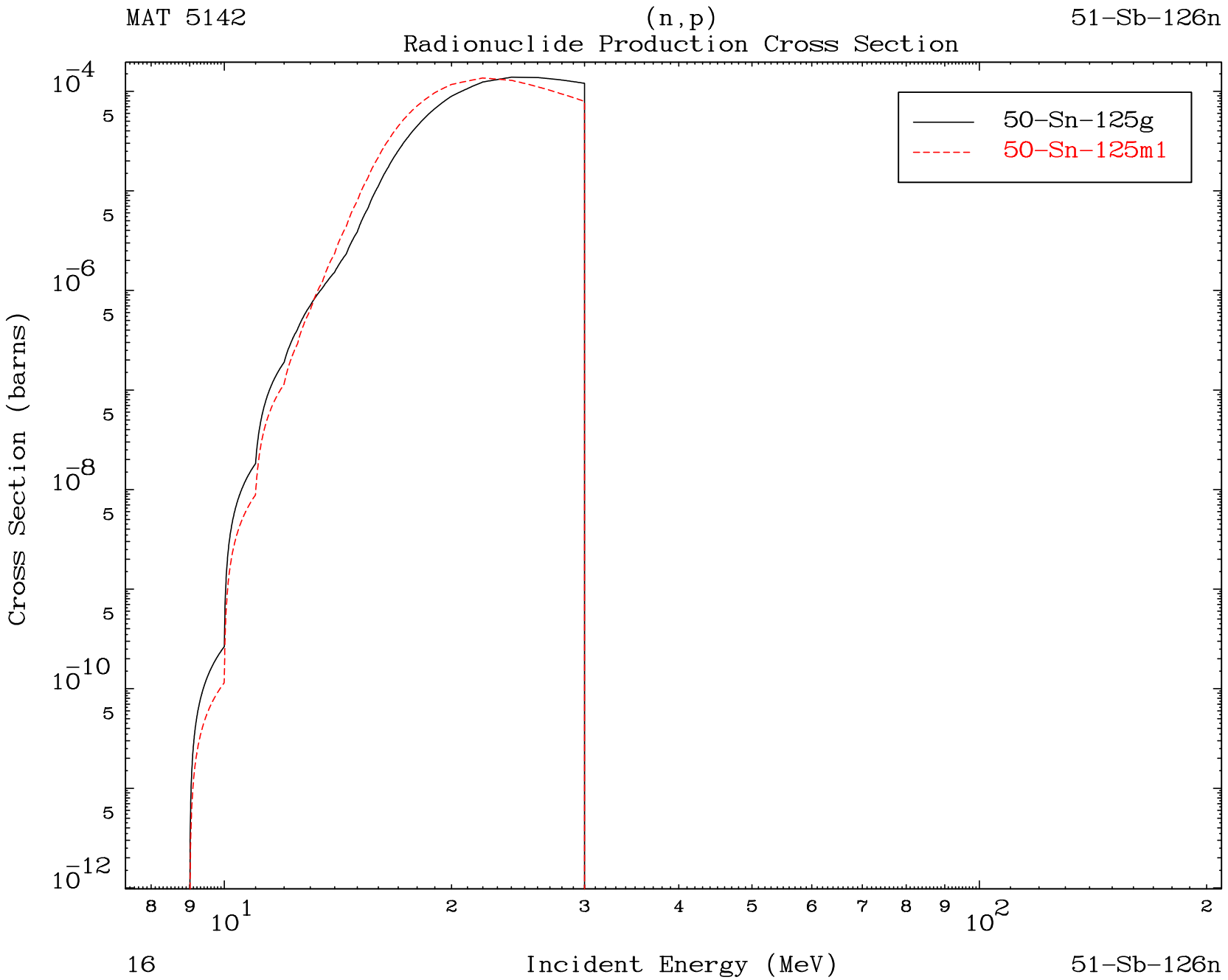

MAT 5142
(n,n') α
51-Sb-126n
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
51-Sb-126n

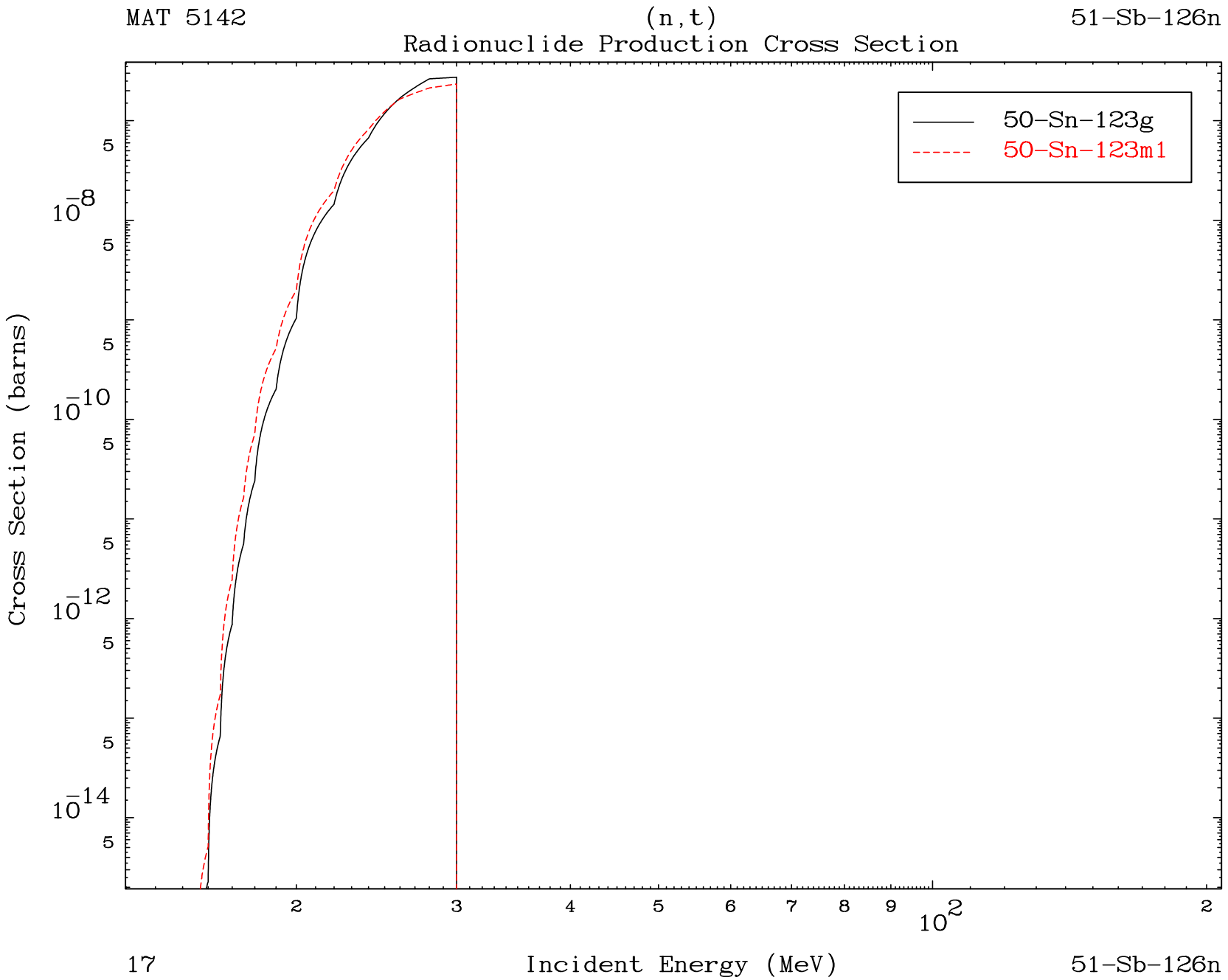

MAT 5142
(n,2n) α
51-Sb-126n
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
12
51-Sb-126n

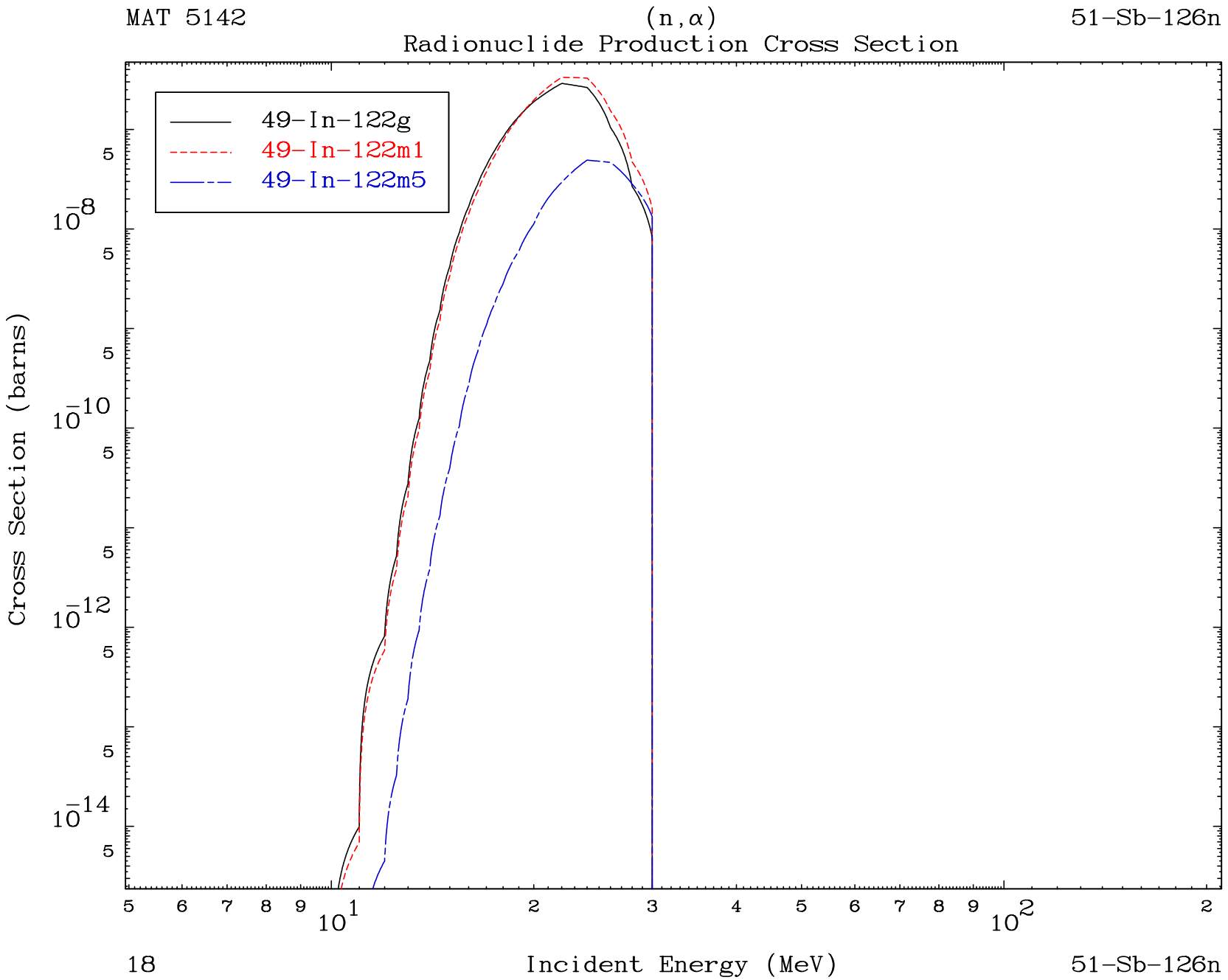

MAT 5142
(n,n') d
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
13
51-Sb-126n


MAT 5142
(n,2n) p
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
51-Sb-126n


MAT 5142
(n,γ)
51-Sb-126n
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-6
10-8
10-10
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
100
101
102
Incident Energy (MeV)
15
51-Sb-126n


MAT 5142
(n,p)
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-125g
50-Sn-125m1
Cross Section (barns)
Incident Energy (MeV)
16
51-Sb-126n


MAT 5142
(n,t)
51-Sb-126n
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
51-Sb-126n


MAT 5142
(n,α)
51-Sb-126n
Radionuclide Production Cross Section
49-In-122g
49-In-122m1
49-In-122m5
Cross Section (barns)
Incident Energy (MeV)
18
51-Sb-126n