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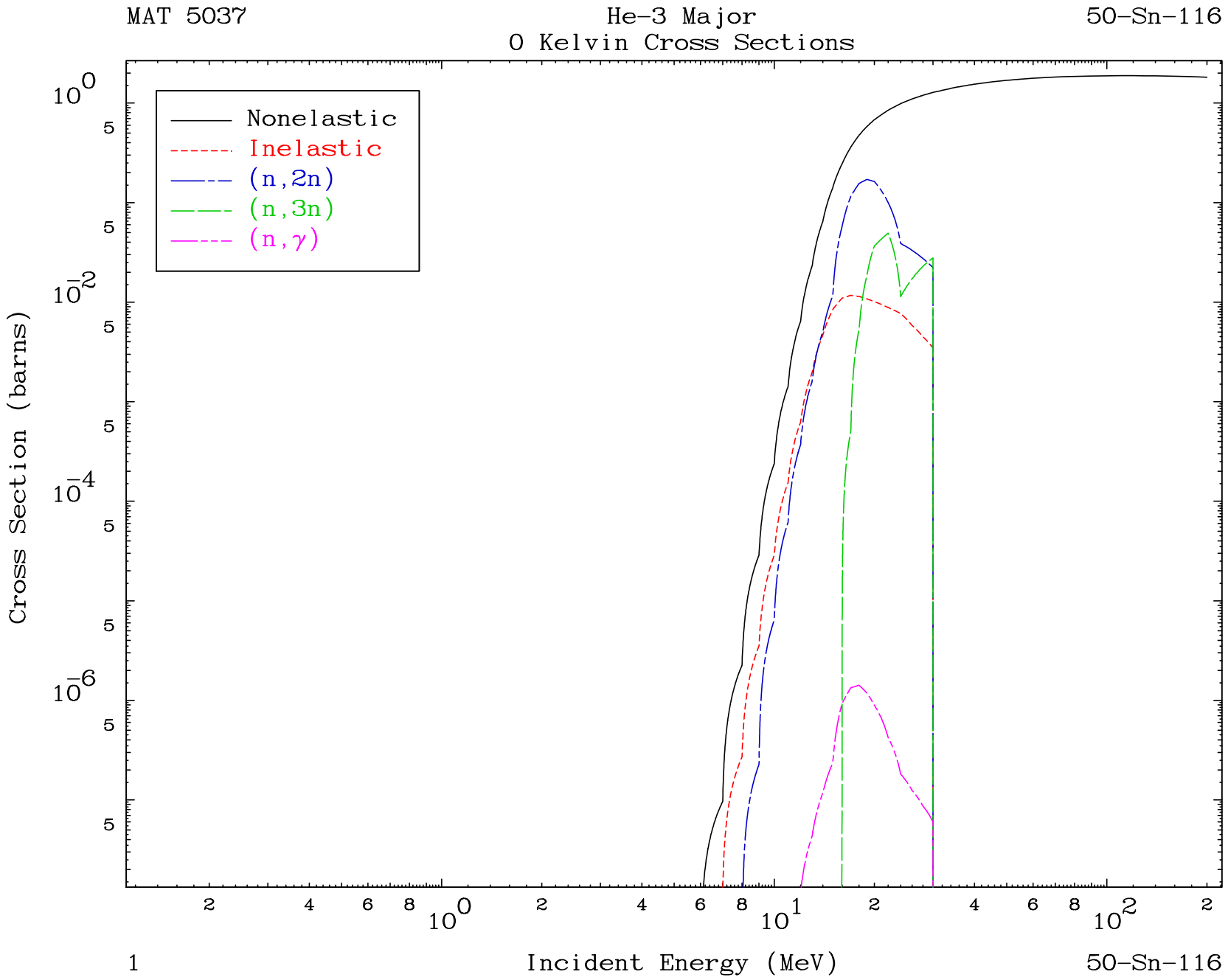
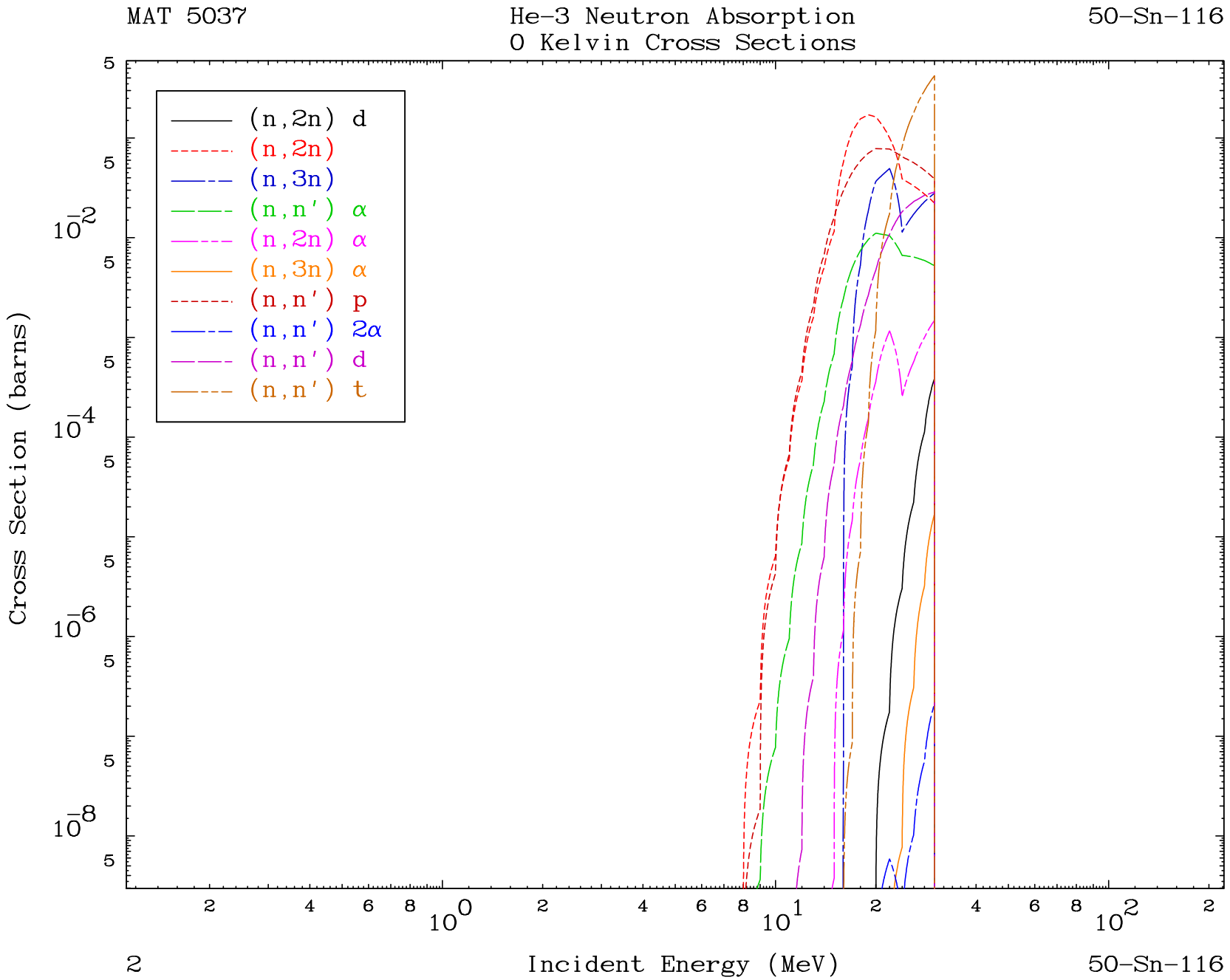
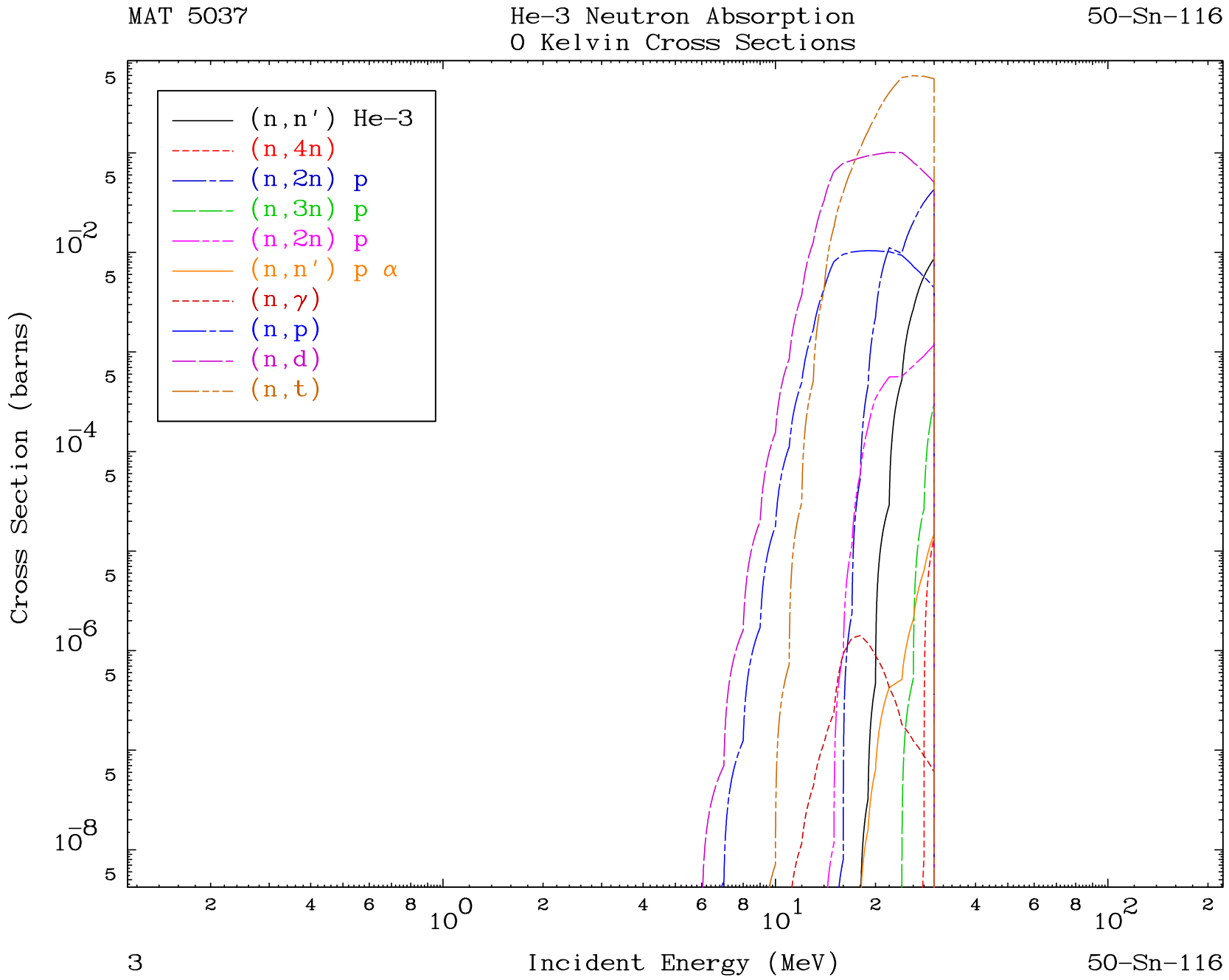
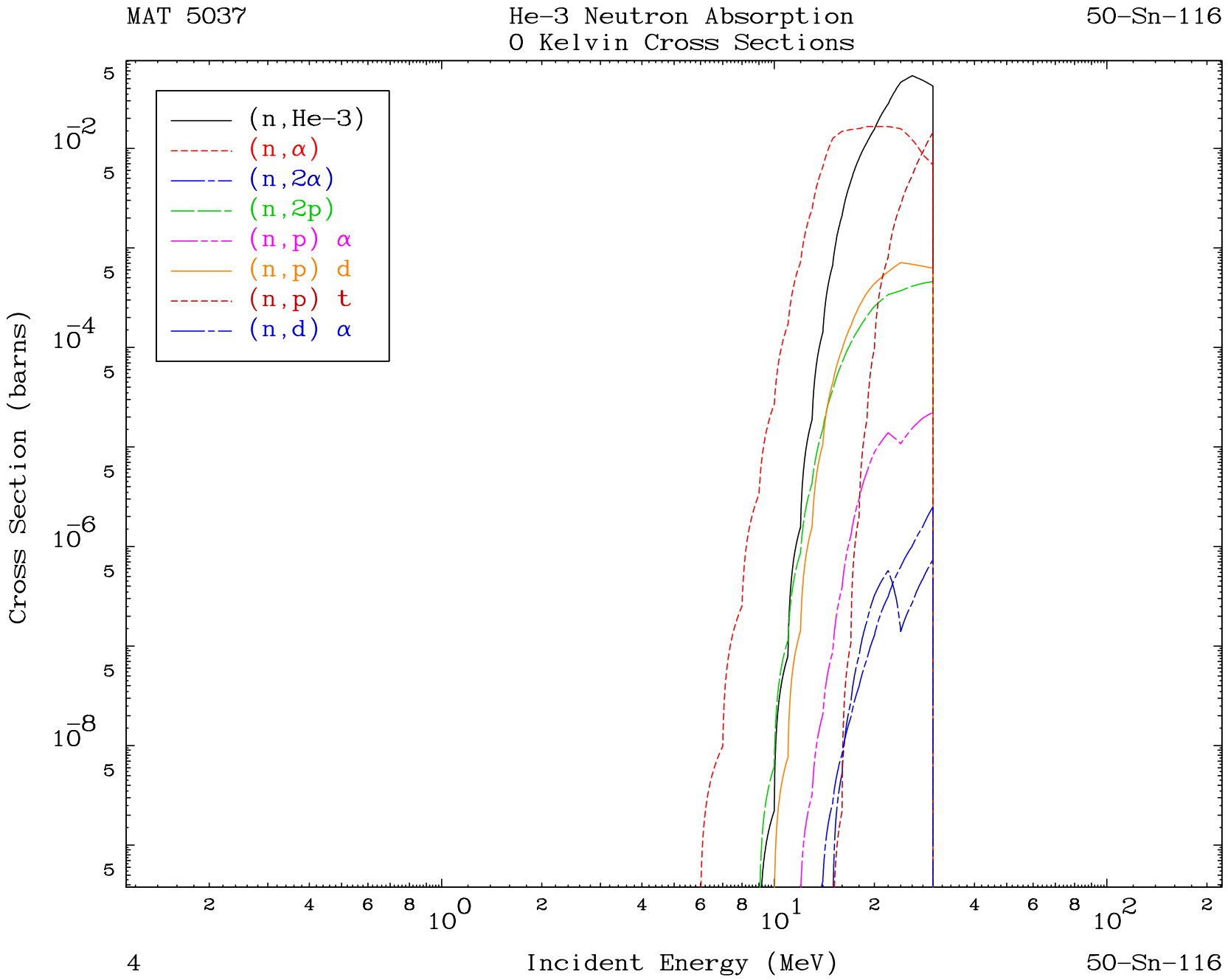
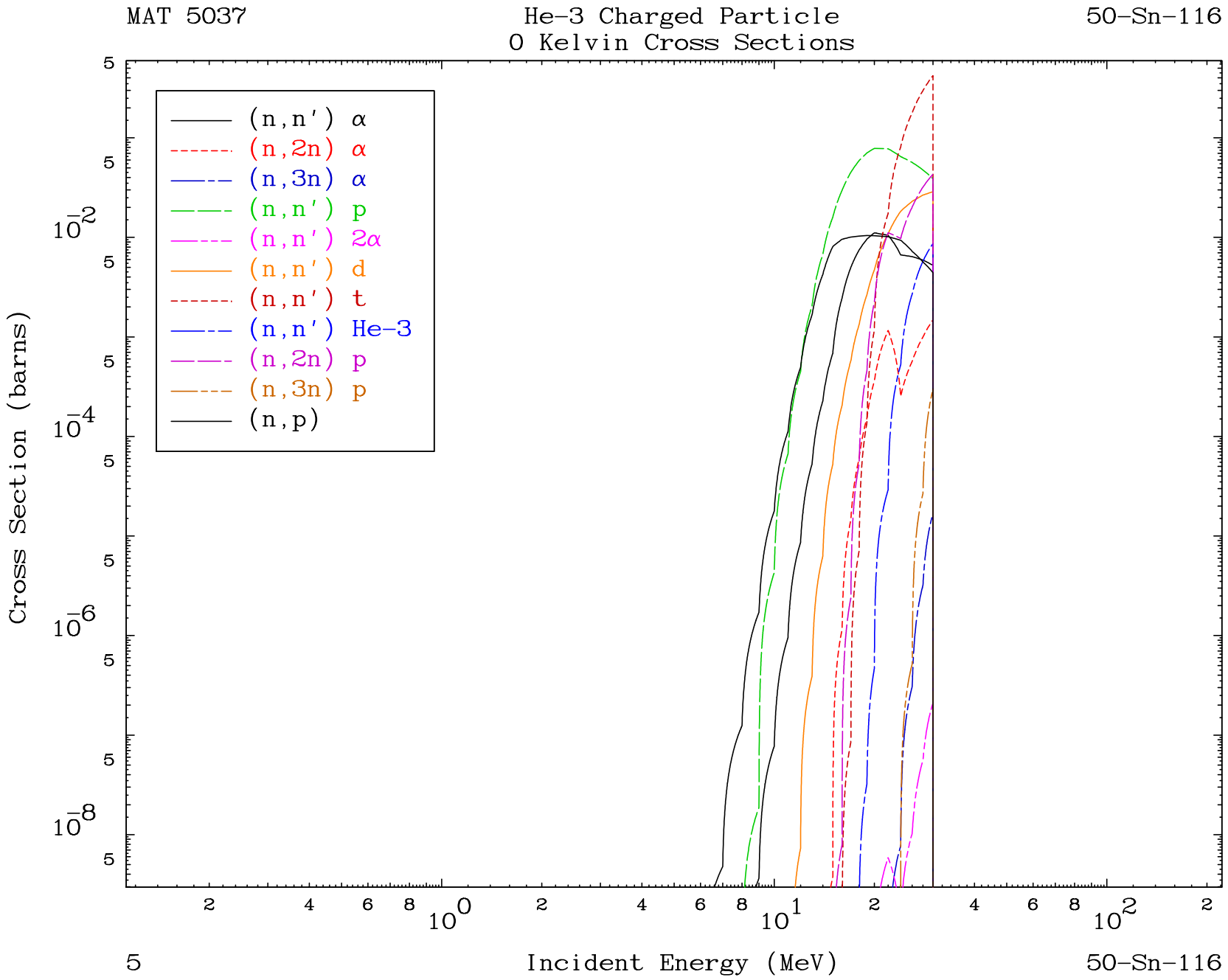
Press Mouse Button to Start

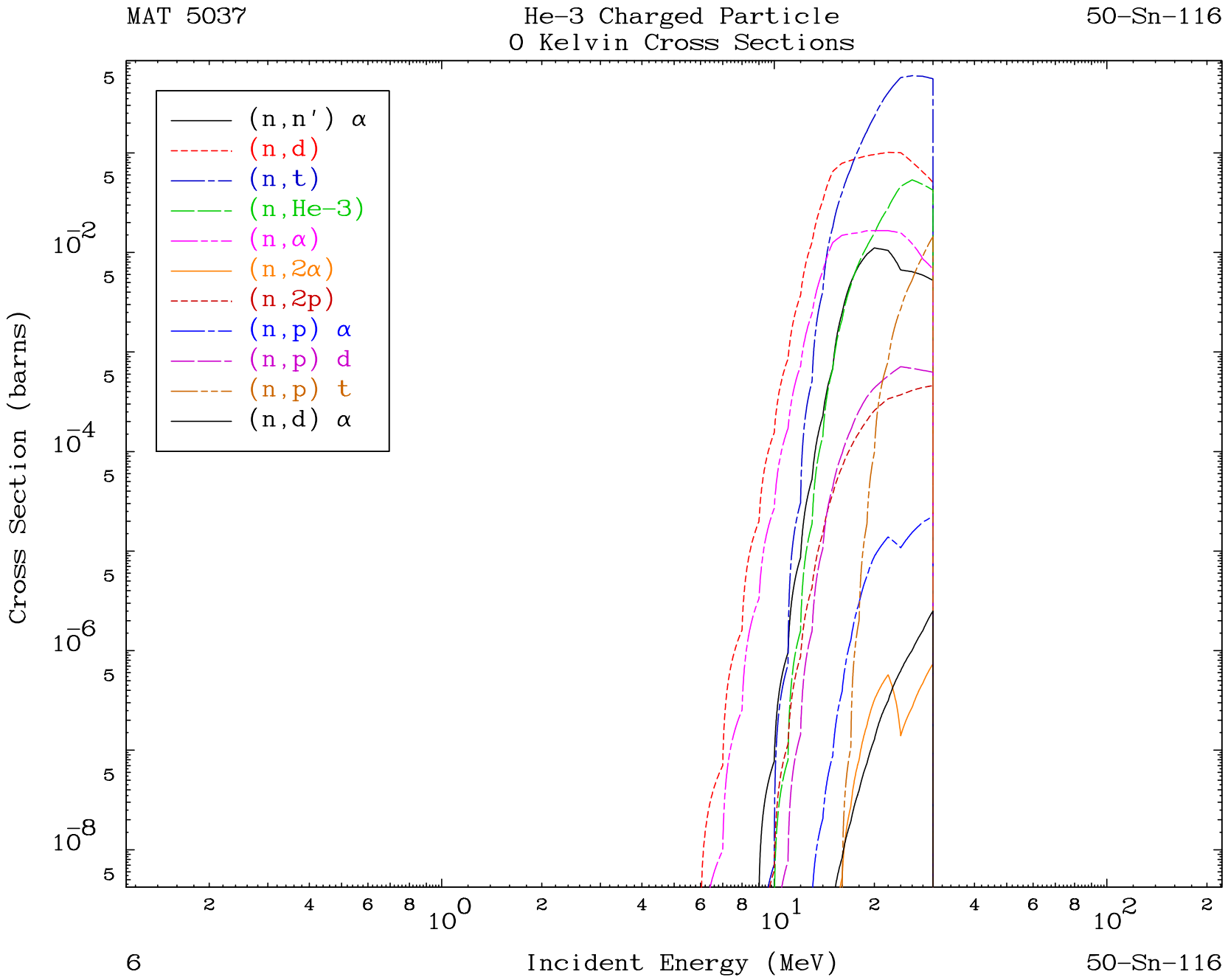

MAT 5037
He-3 Major
50-Sn-116
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-116

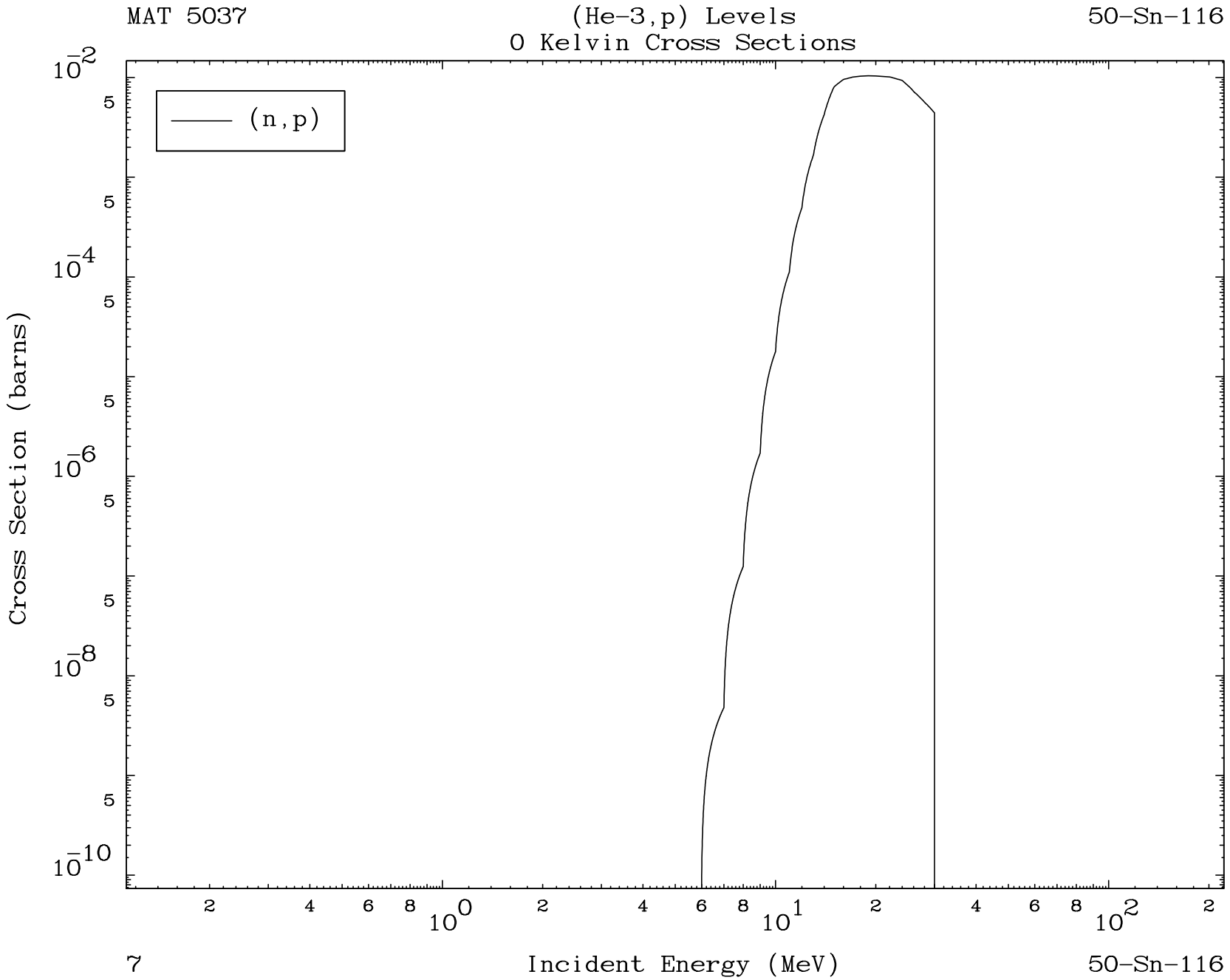

MAT 5037
He-3 Neutron Absorption
0 Kelvin Cross Sections
50-Sn-116
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
50-Sn-116

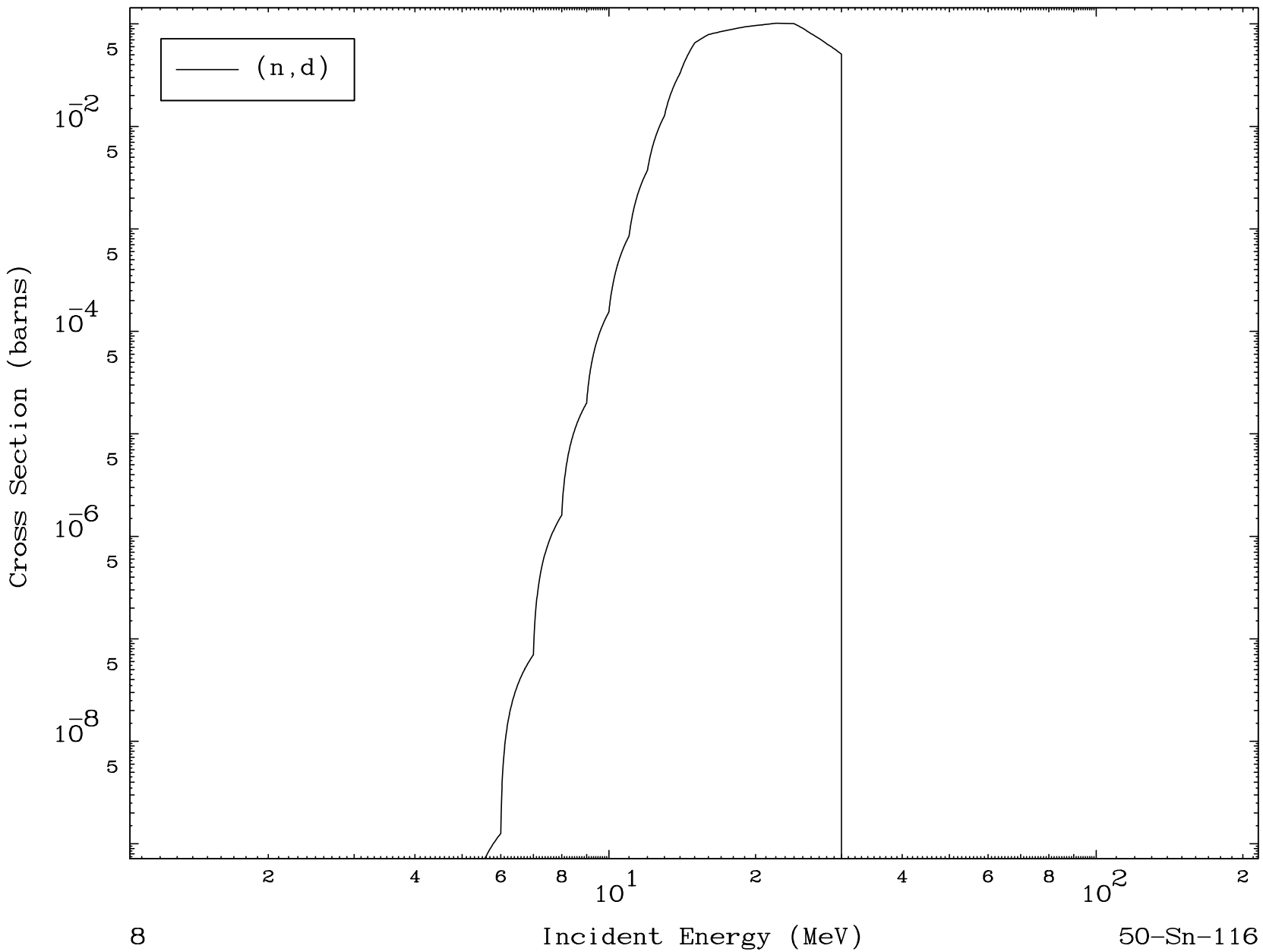

MAT 5037
He-3 Neutron Absorption
0 Kelvin Cross Sections
50-Sn-116
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
50-Sn-116

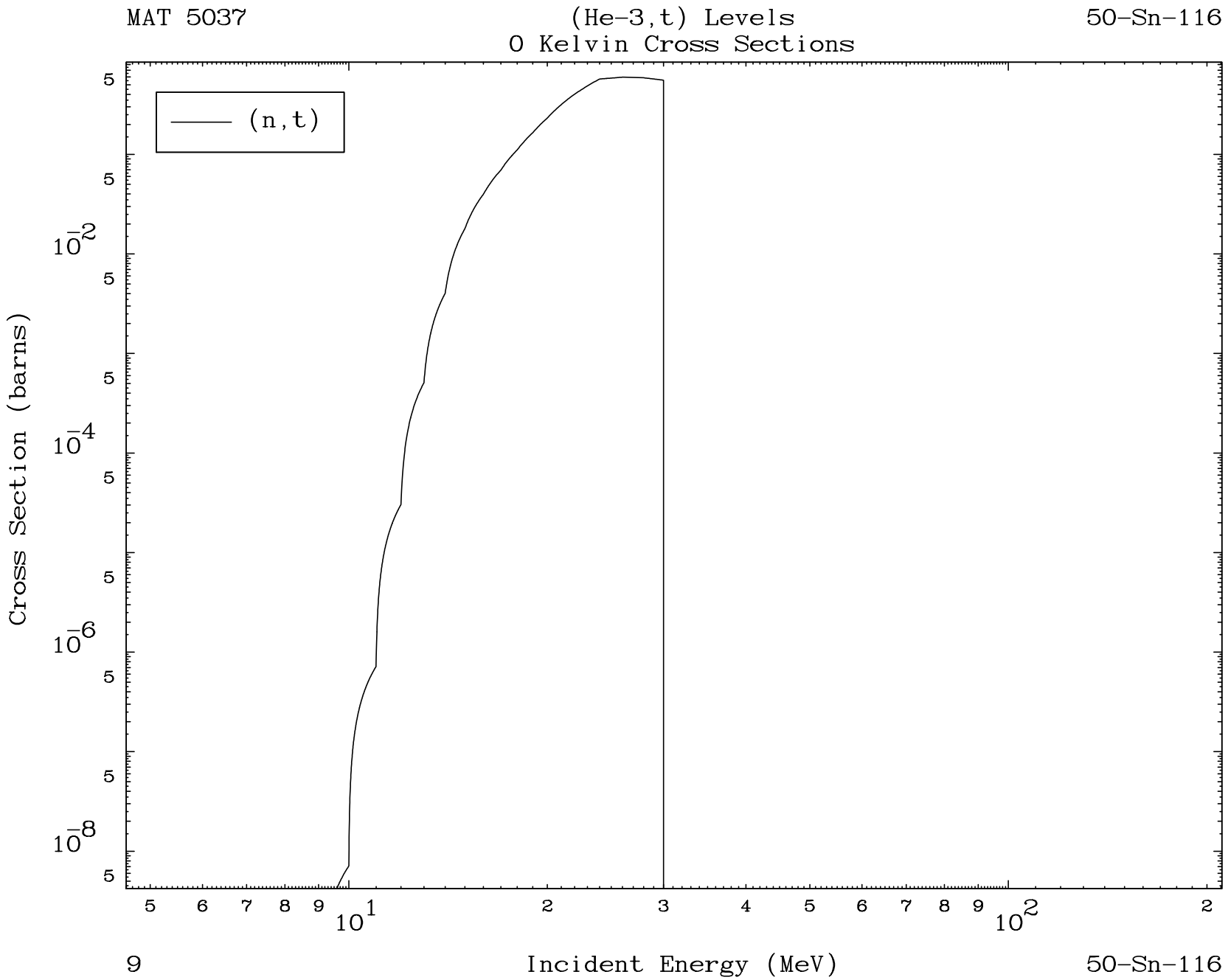

MAT 5037
He-3 Neutron Absorption
0 Kelvin Cross Sections
50-Sn-116
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
50-Sn-116

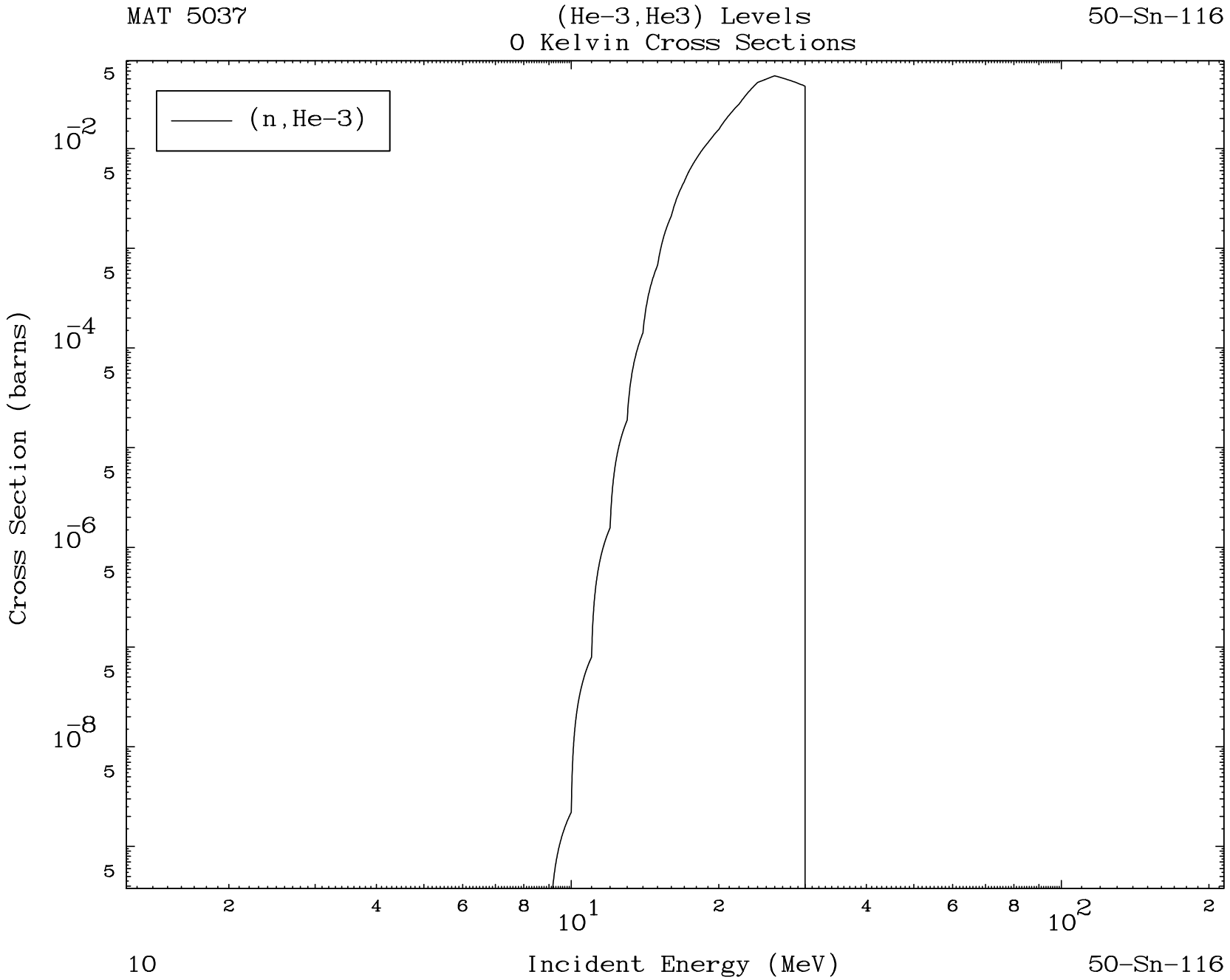

MAT 5037
He-3 Charged Particle
0 Kelvin Cross Sections
50-Sn-116
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-116

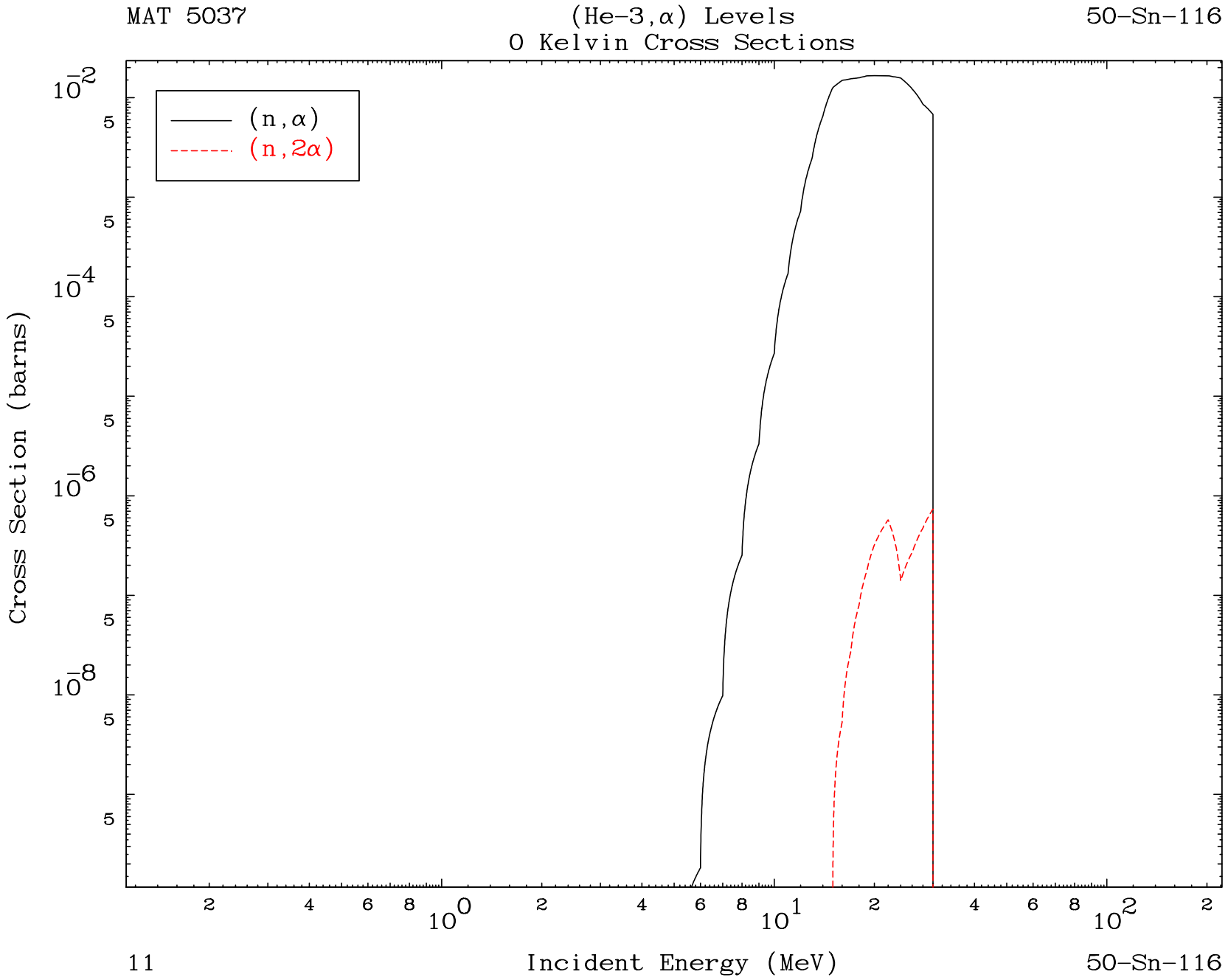

MAT 5037
He-3 Charged Particle
0 Kelvin Cross Sections
50-Sn-116
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
50-Sn-116

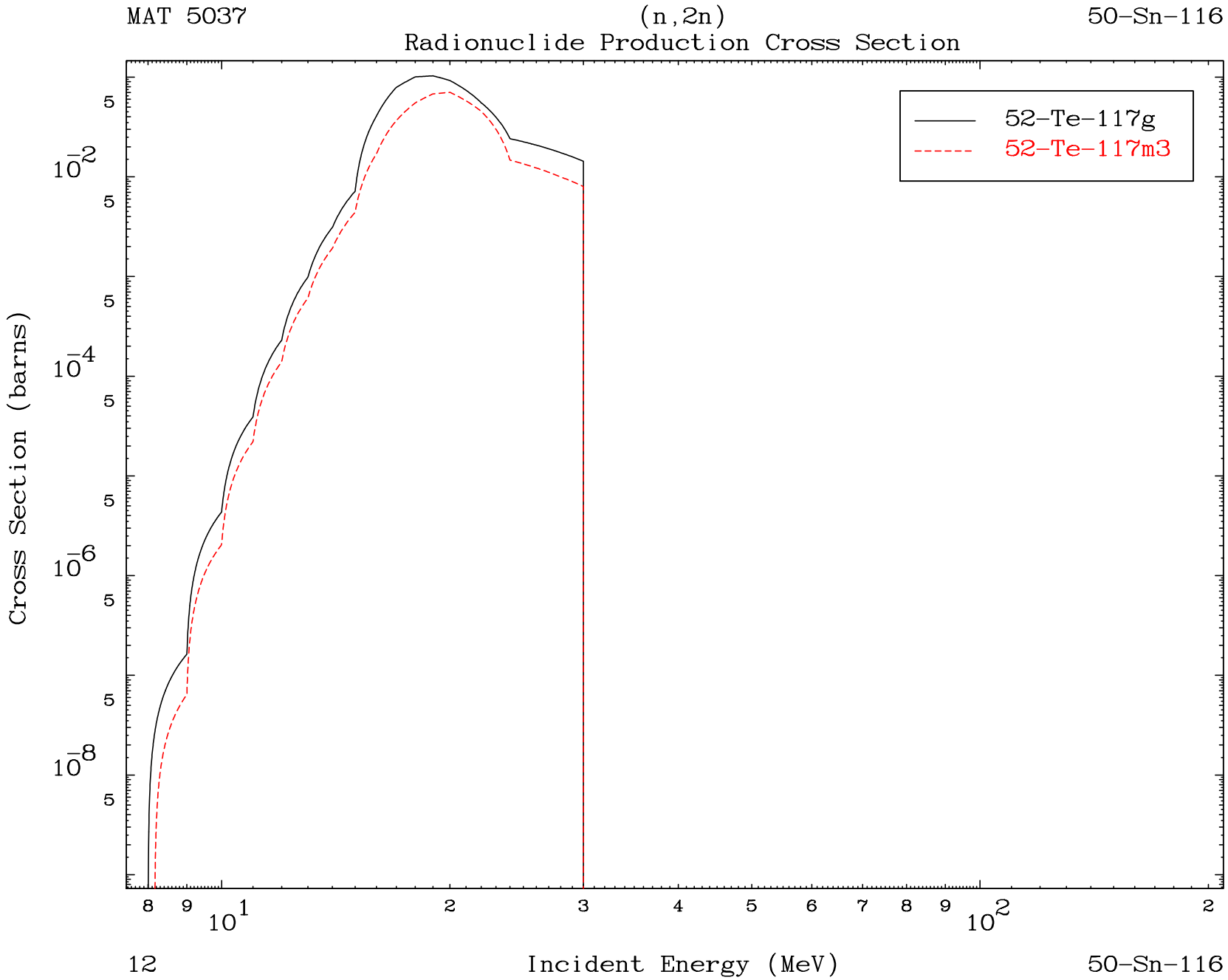

MAT 5037
(He-3,p) Levels
50-Sn-116
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
50-Sn-116

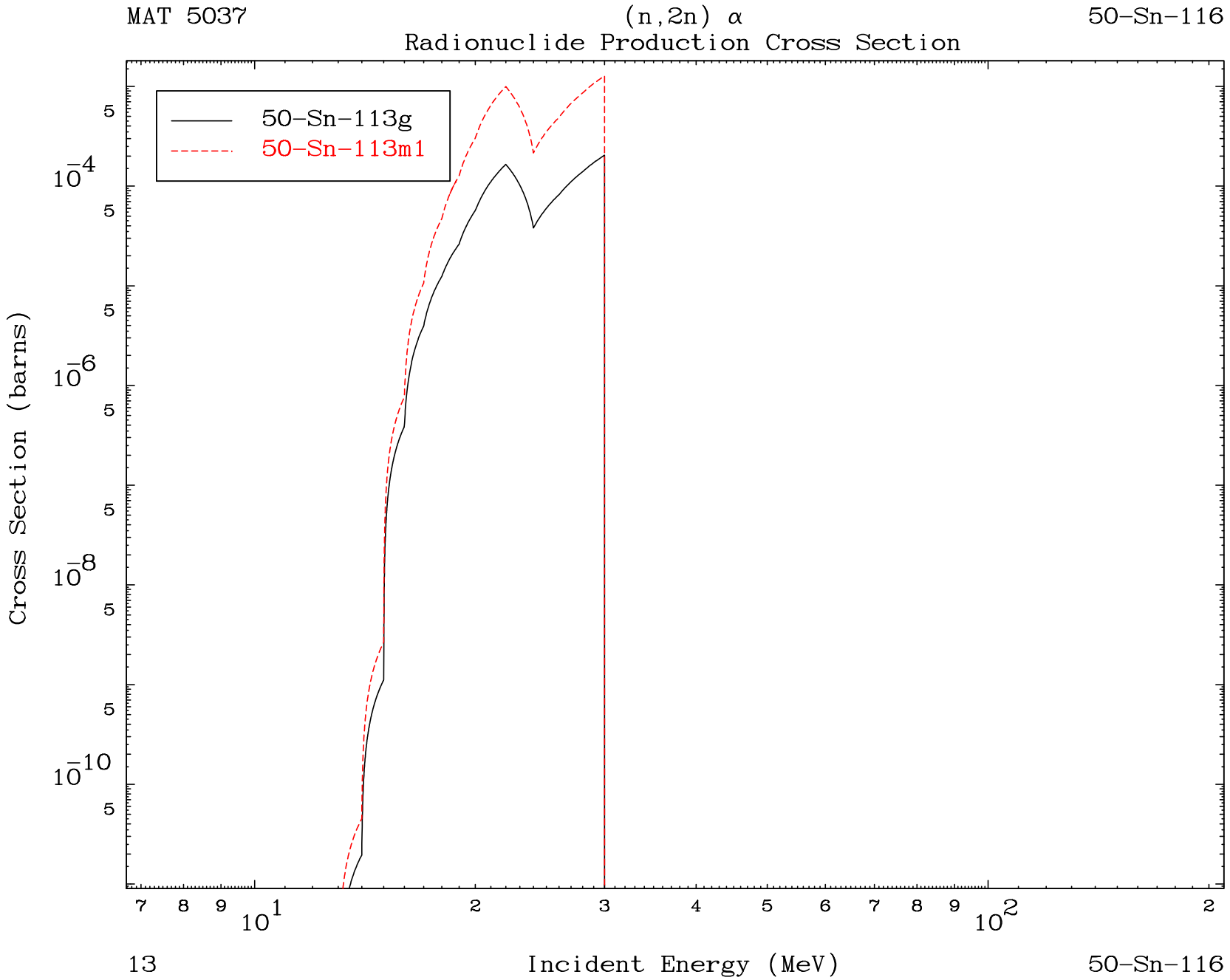

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
Incident Energy (MeV)

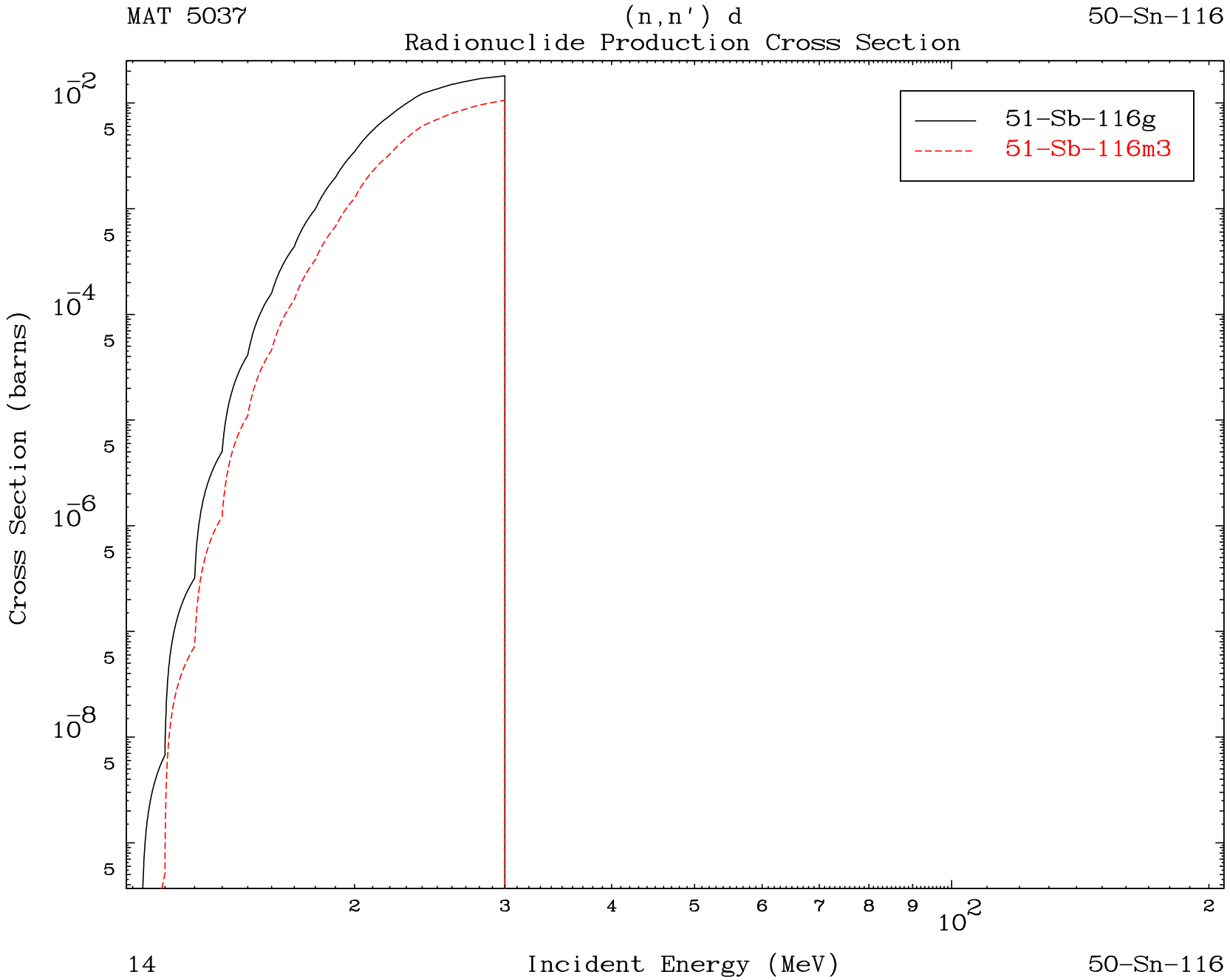

MAT 5037
(He-3,t) Levels
50-Sn-116
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
50-Sn-116

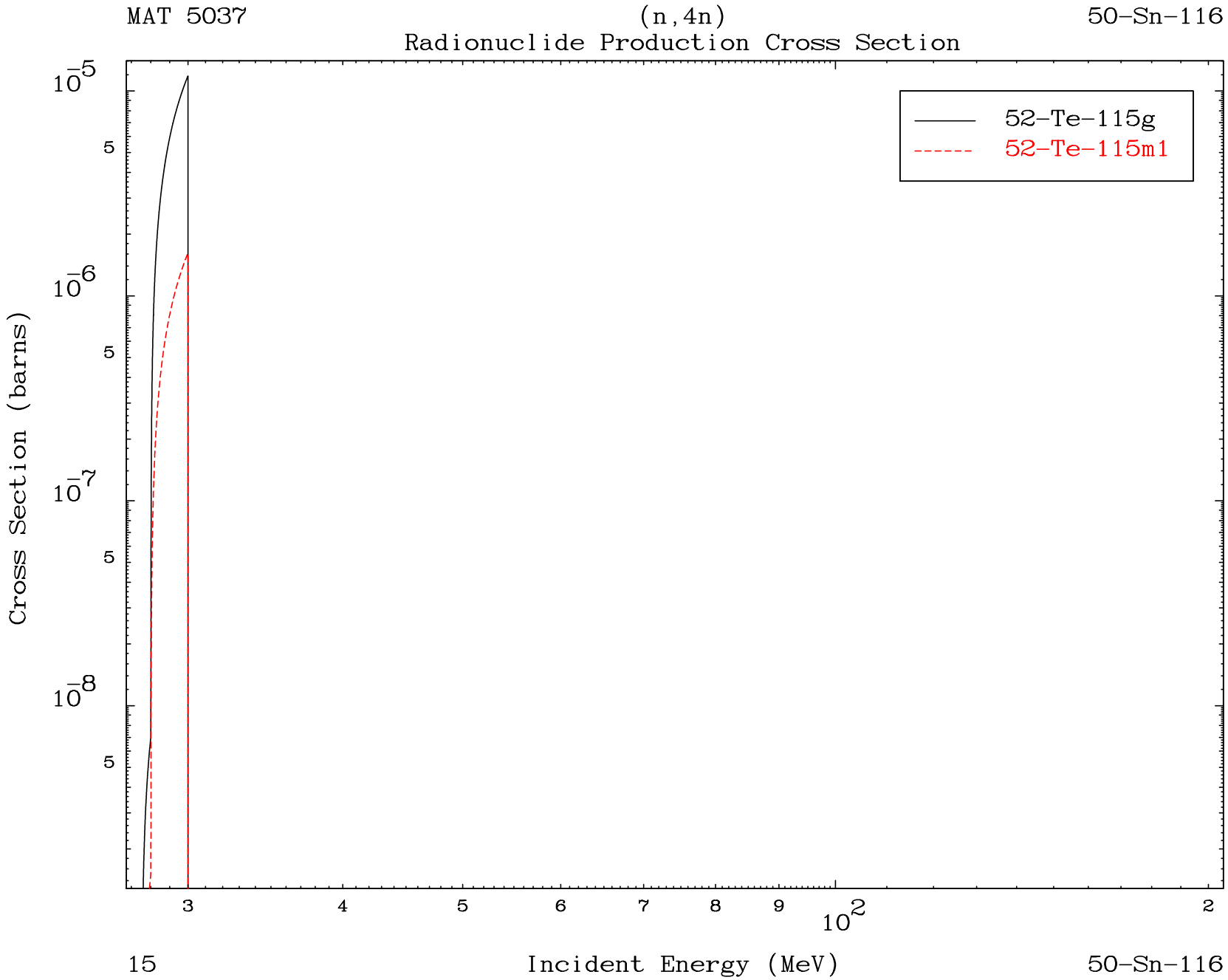

MAT 5037
(He-3,He3) Levels
50-Sn-116
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
4
6
8
10^1
10^2
10
Incident Energy (MeV)
50-Sn-116

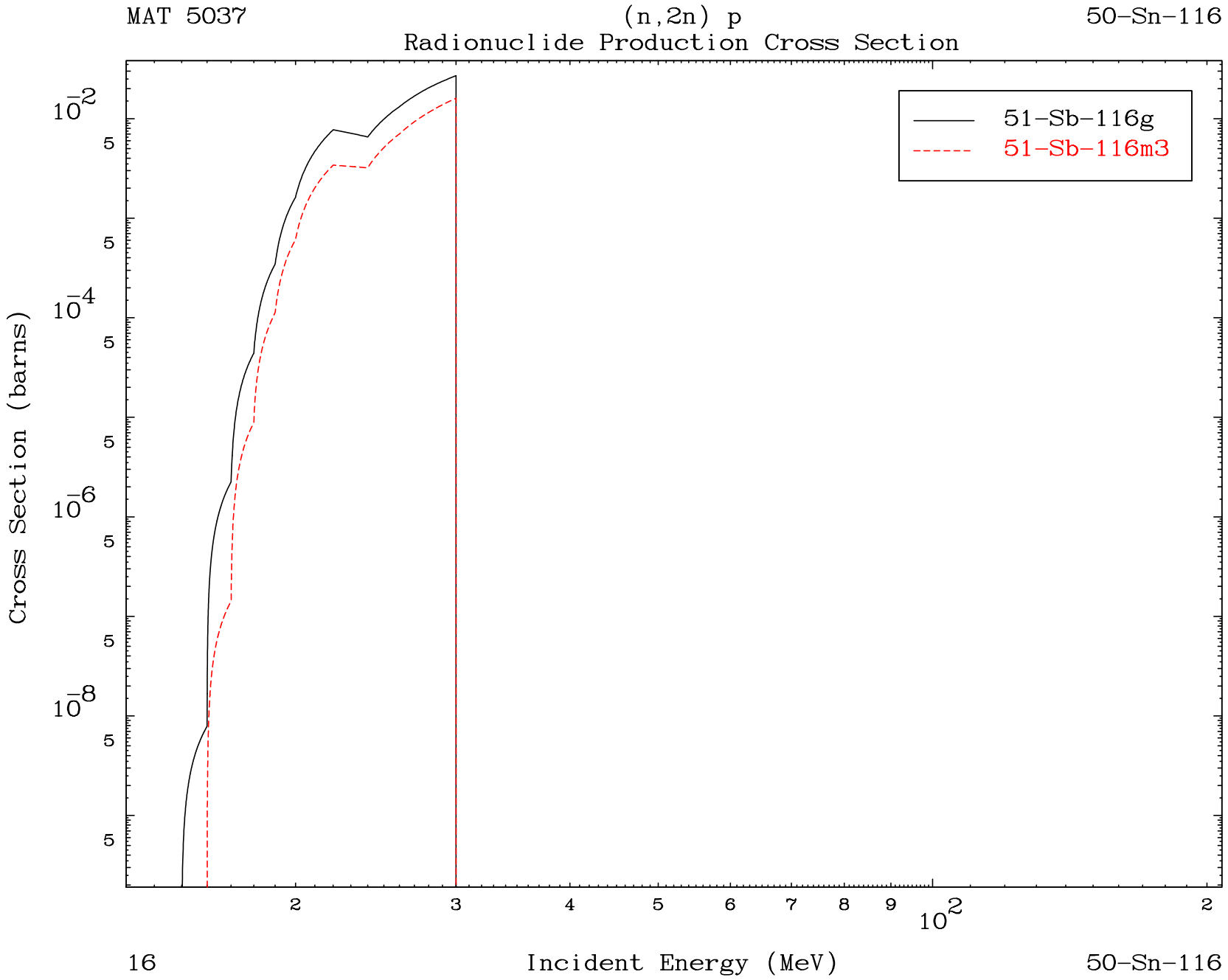

MAT 5037
(He-3,α) Levels
50-Sn-116
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
50-Sn-116

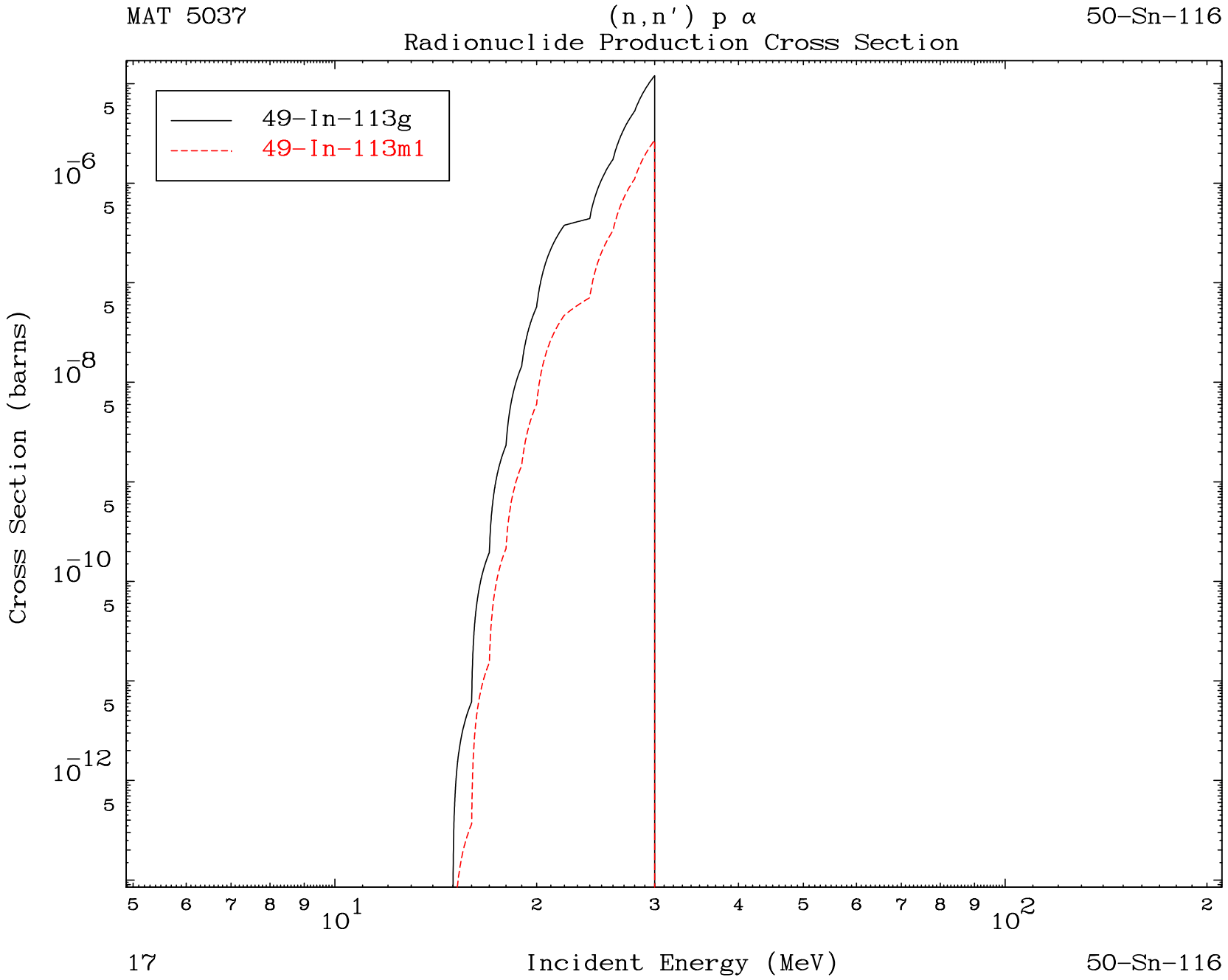

MAT 5037
(n,2n)
50-Sn-116
Radionuclide Production Cross Section
52-Te-117g
52-Te-117m3
Cross Section (barns)
Incident Energy (MeV)
12
50-Sn-116

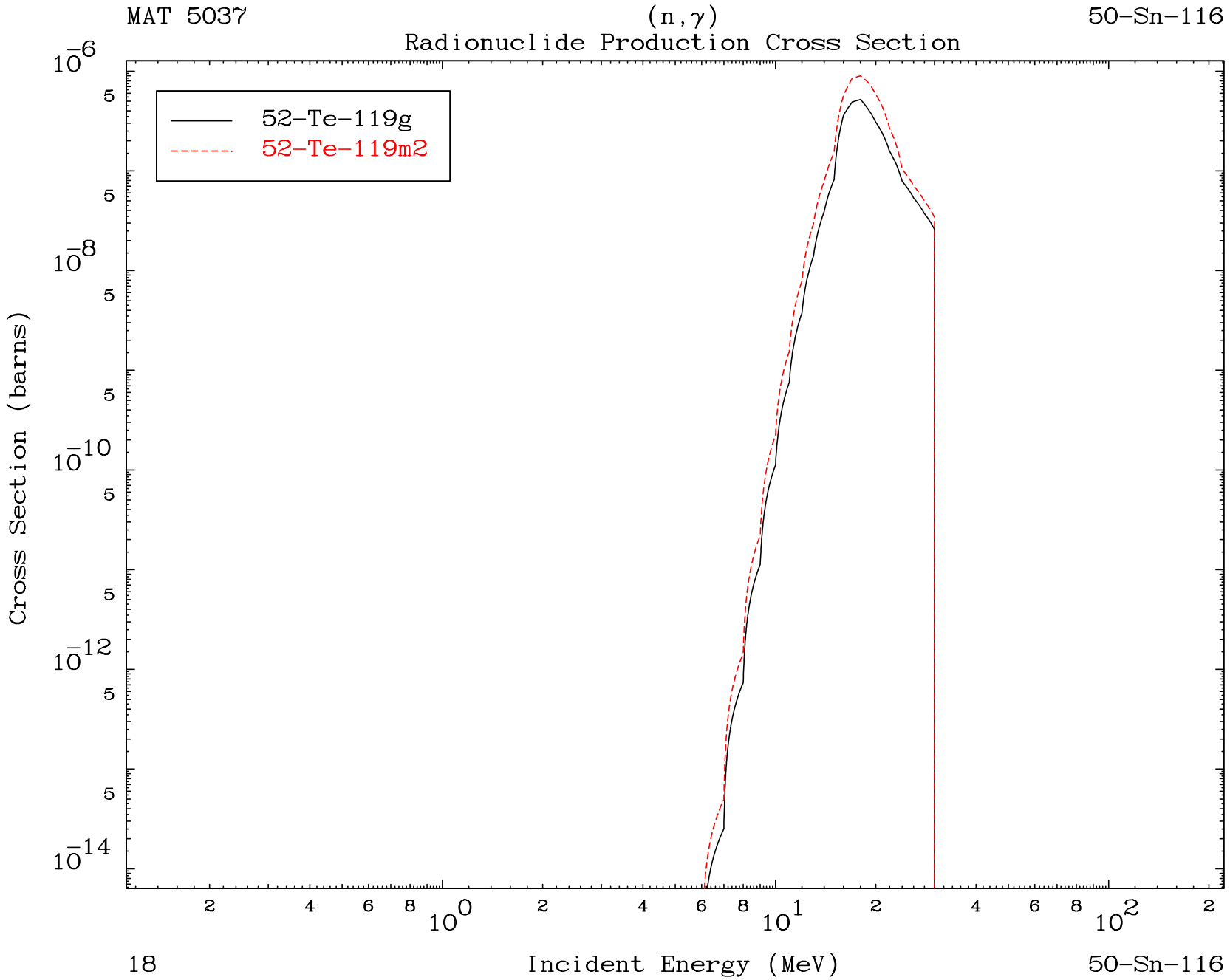

MAT 5037
(n,2n) α
50-Sn-116
Radionuclide Production Cross Section
50-Sn-113g
50-Sn-113m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
50-Sn-116

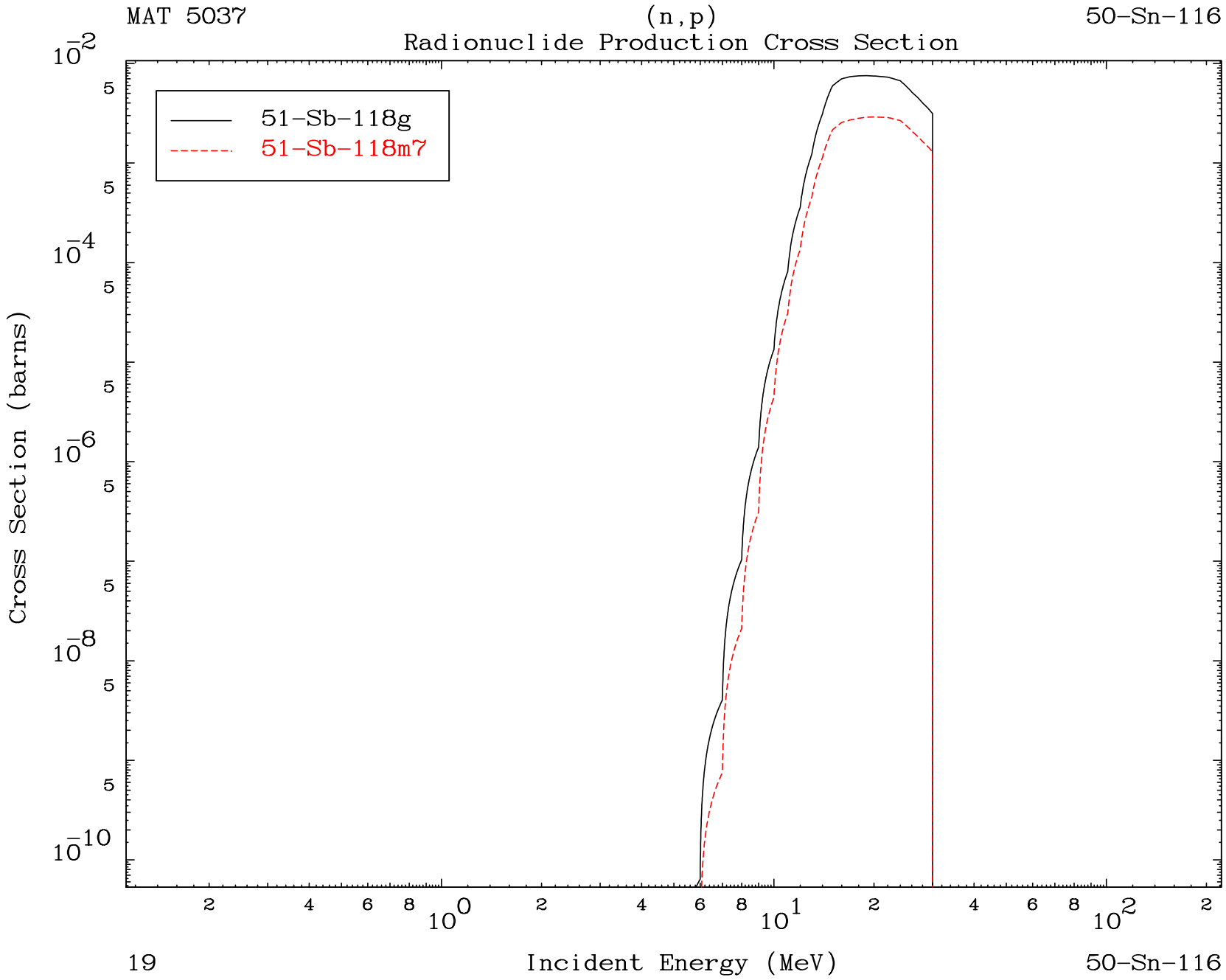

MAT 5037
(n,n') d
50-Sn-116
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
50-Sn-116

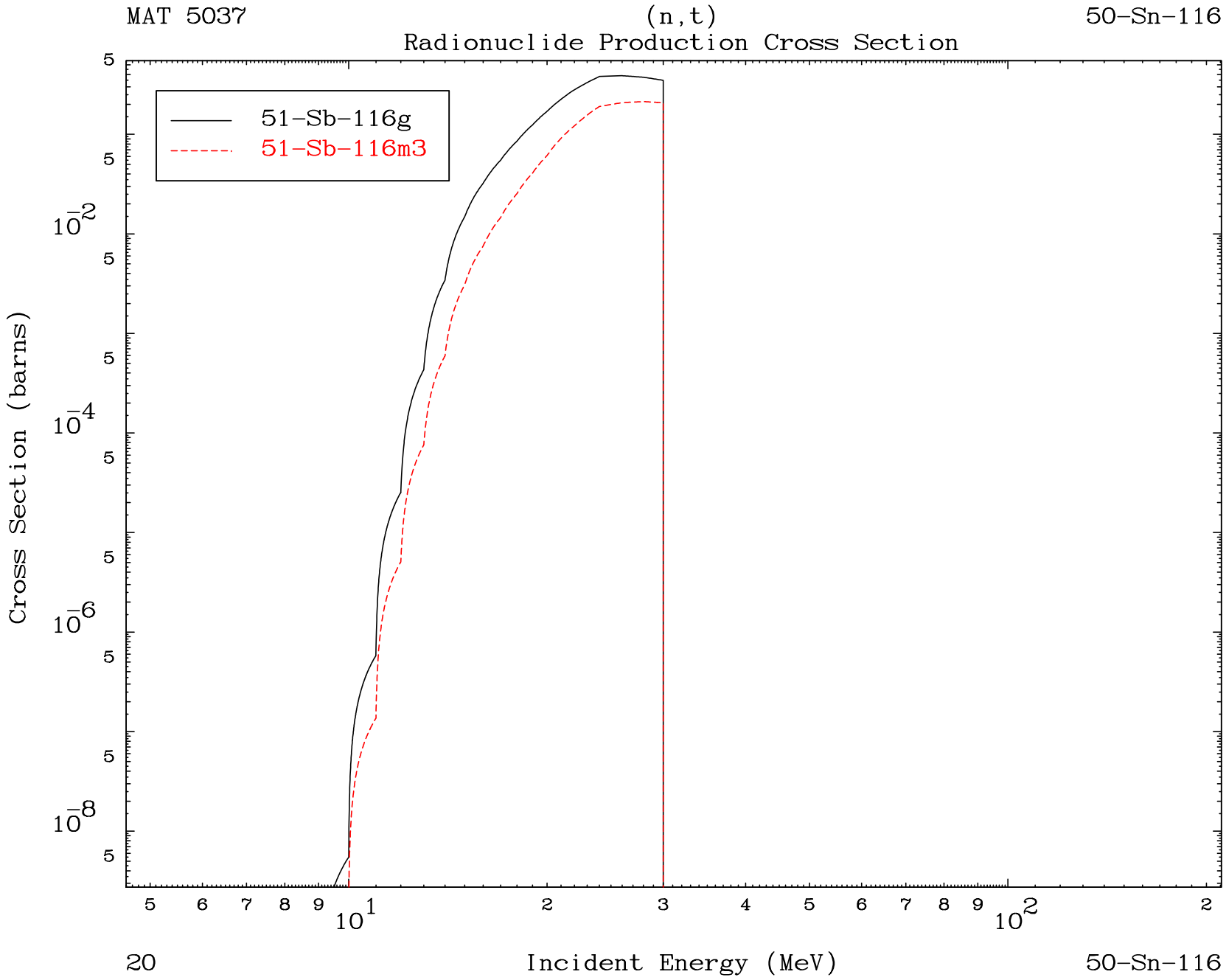

MAT 5037
(n,4n)
50-Sn-116
Radionuclide Production Cross Section
52-Te-115g
52-Te-115m1
Cross Section (barns)
10-5
5
10-6
5
10-7
5
10-8
5
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
50-Sn-116

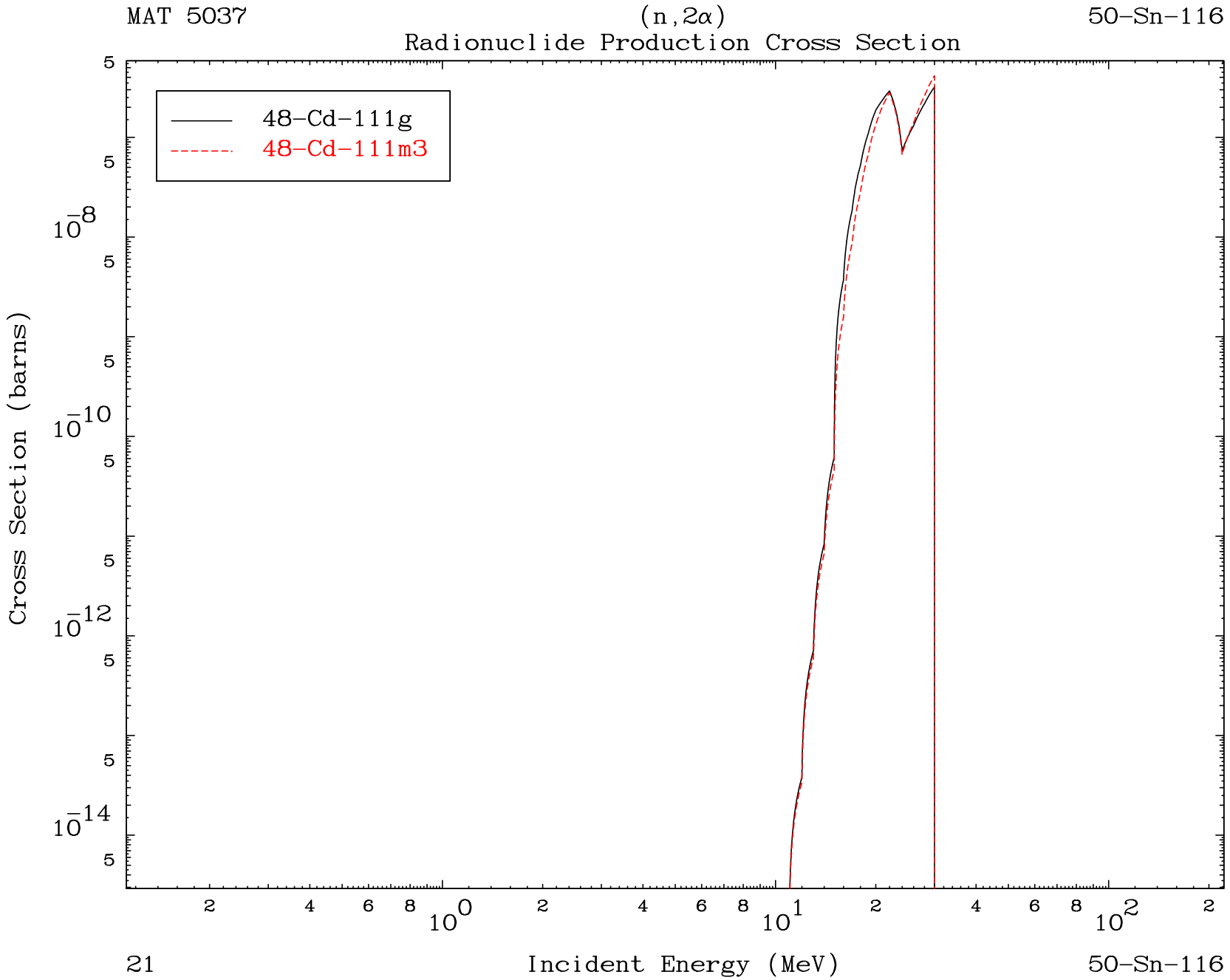

MAT 5037
(n,2n) p
50-Sn-116
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
Incident Energy (MeV)
16
50-Sn-116

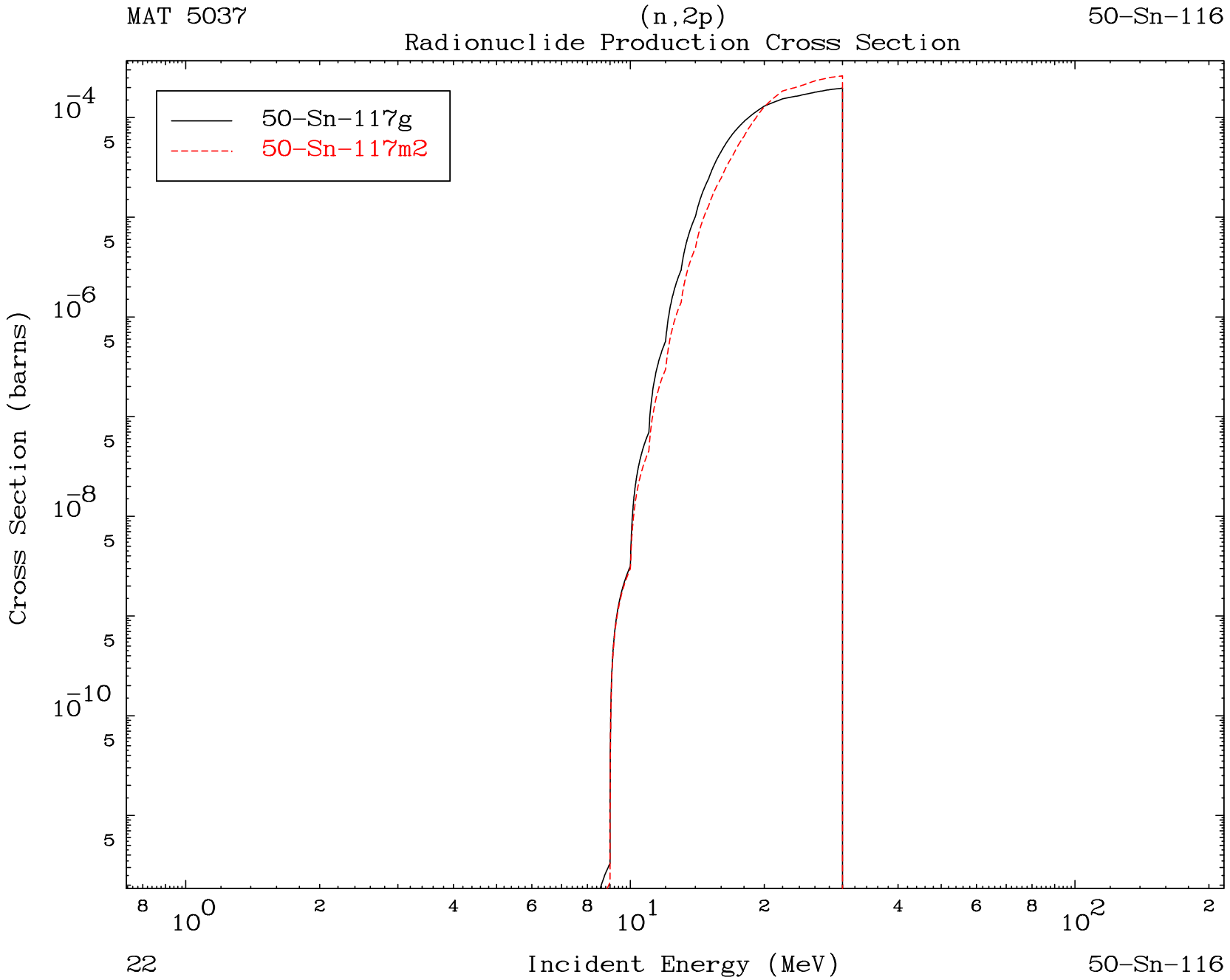

MAT 5037
(n,n') p α
50-Sn-116
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
17
Incident Energy (MeV)
50-Sn-116

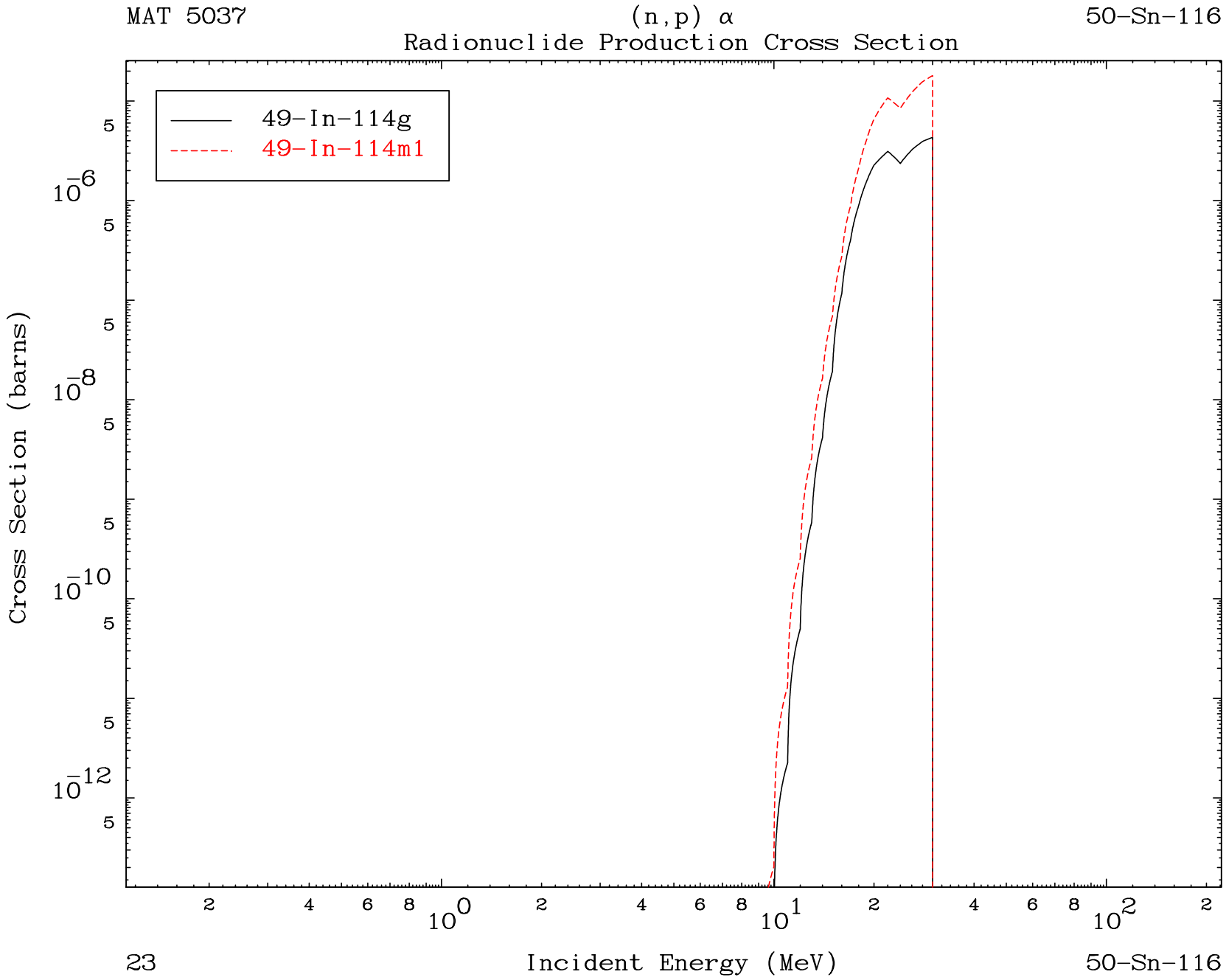

MAT 5037
(n,γ)
50-Sn-116
Radionuclide Production Cross Section
52-Te-119g
52-Te-119m2
Cross Section (barns)
Incident Energy (MeV)
18
50-Sn-116

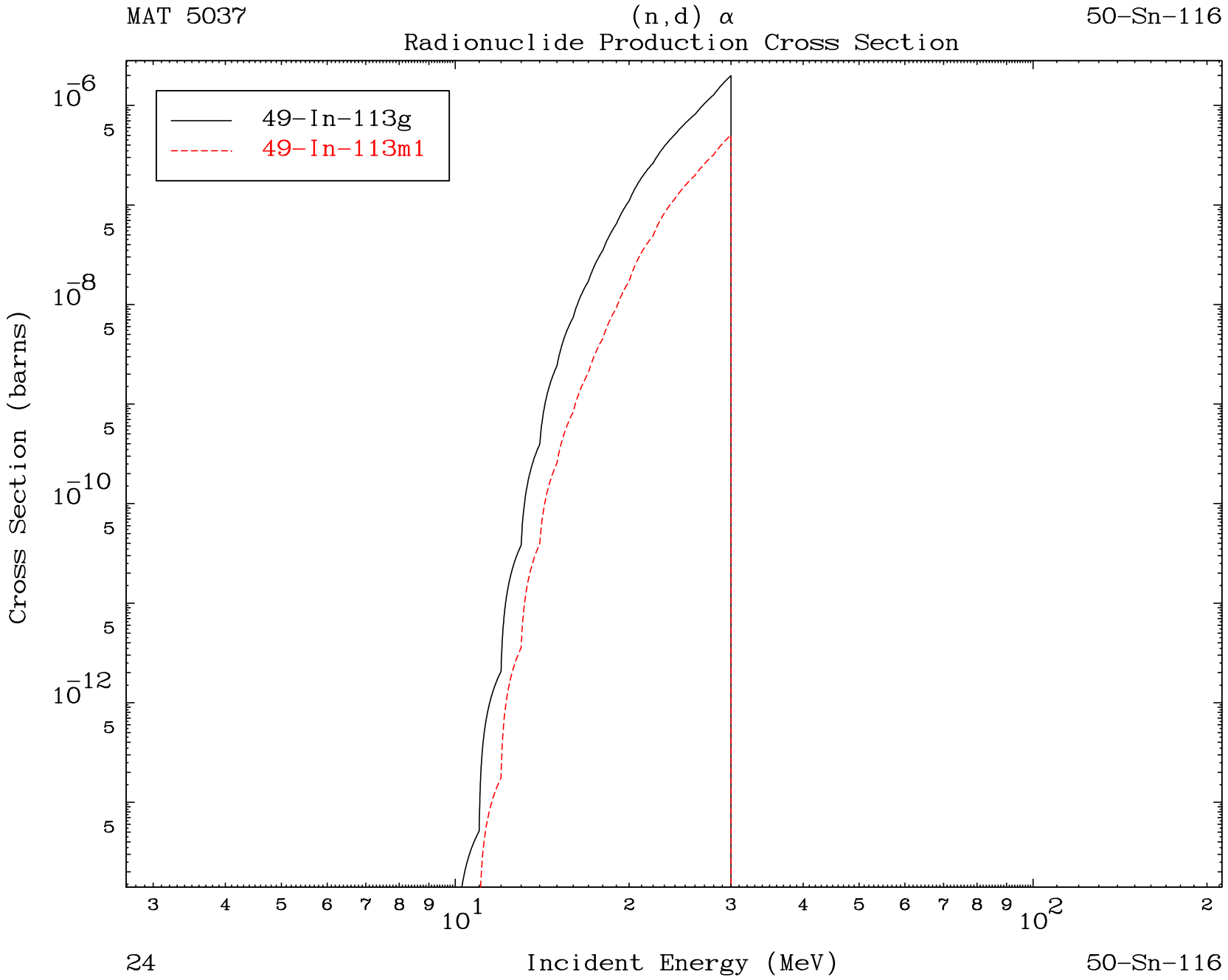

MAT 5037
(n,p)
50-Sn-116
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
Incident Energy (MeV)
19
50-Sn-116


MAT 5037
(n,t)
50-Sn-116
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6
7
8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
50-Sn-116


MAT 5037
(n,2α)
50-Sn-116
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
Incident Energy (MeV)
21
50-Sn-116


MAT 5037
(n,2p)
50-Sn-116
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
22
50-Sn-116


MAT 5037
(n,p) α
50-Sn-116
Radionuclide Production Cross Section
49-In-114g
49-In-114m1
Cross Section (barns)
10-6
10-8
10-10
10-12
100
101
102
Incident Energy (MeV)
23
50-Sn-116


MAT 5037
(n,d) α
50-Sn-116
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
Incident Energy (MeV)
24
50-Sn-116