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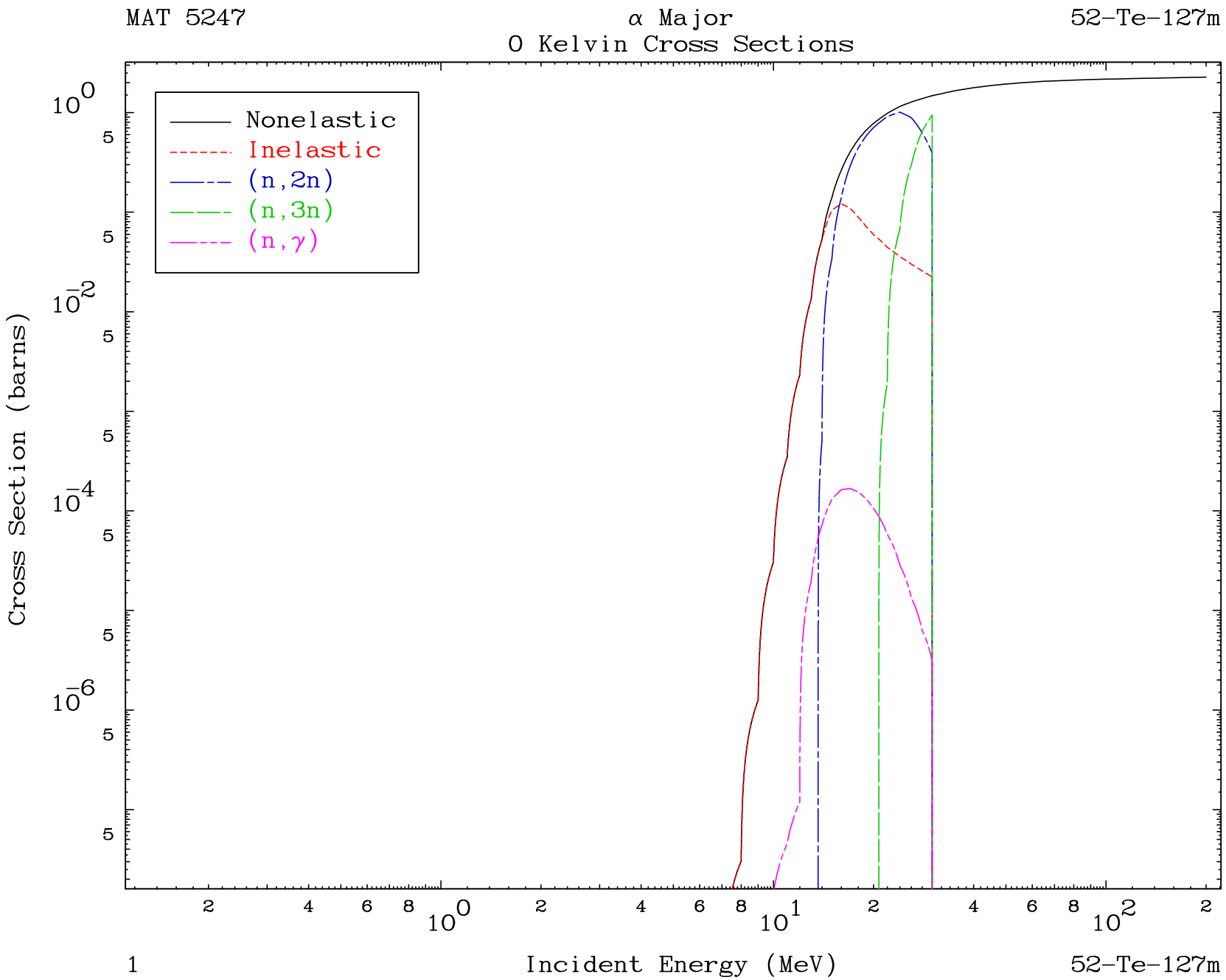
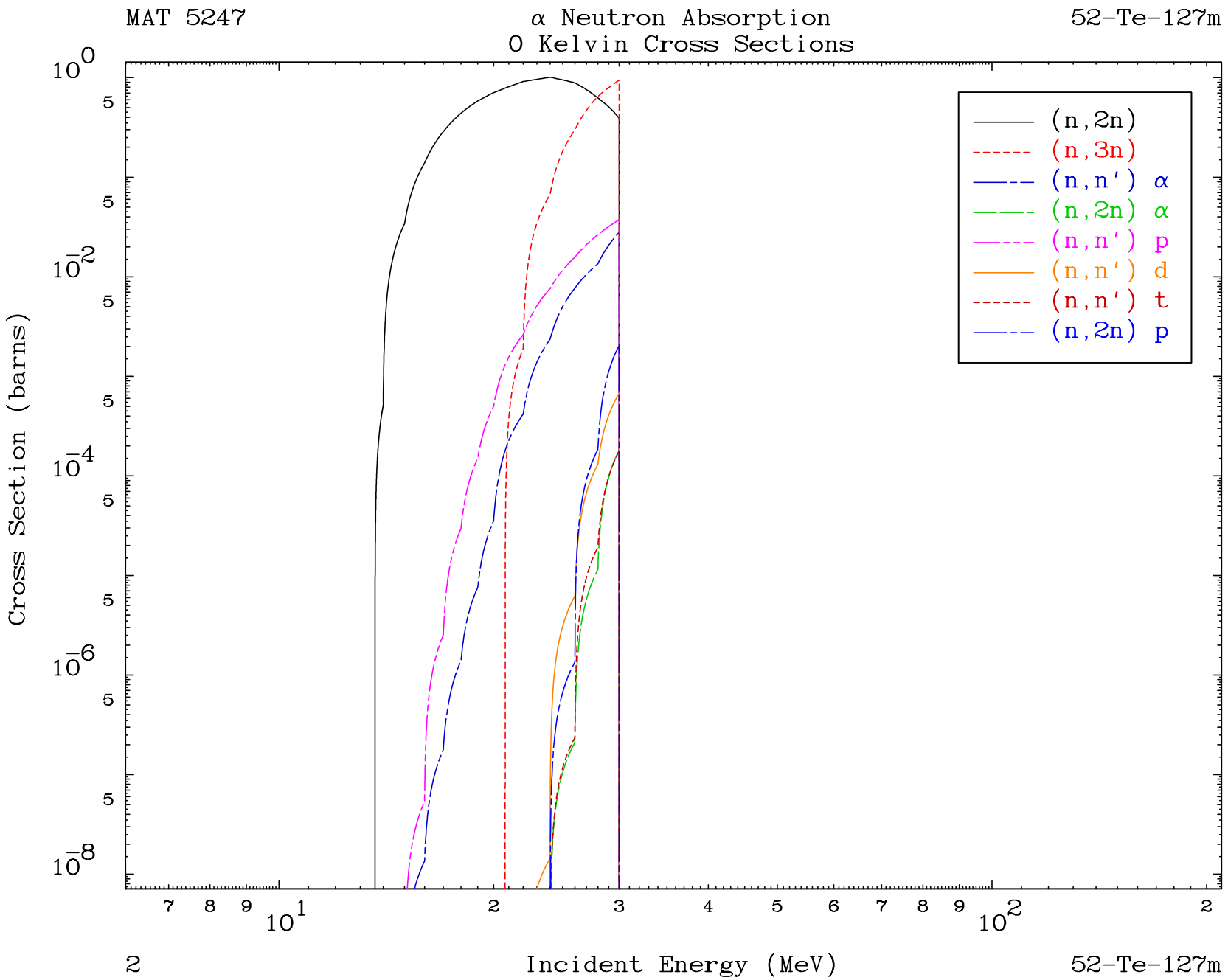
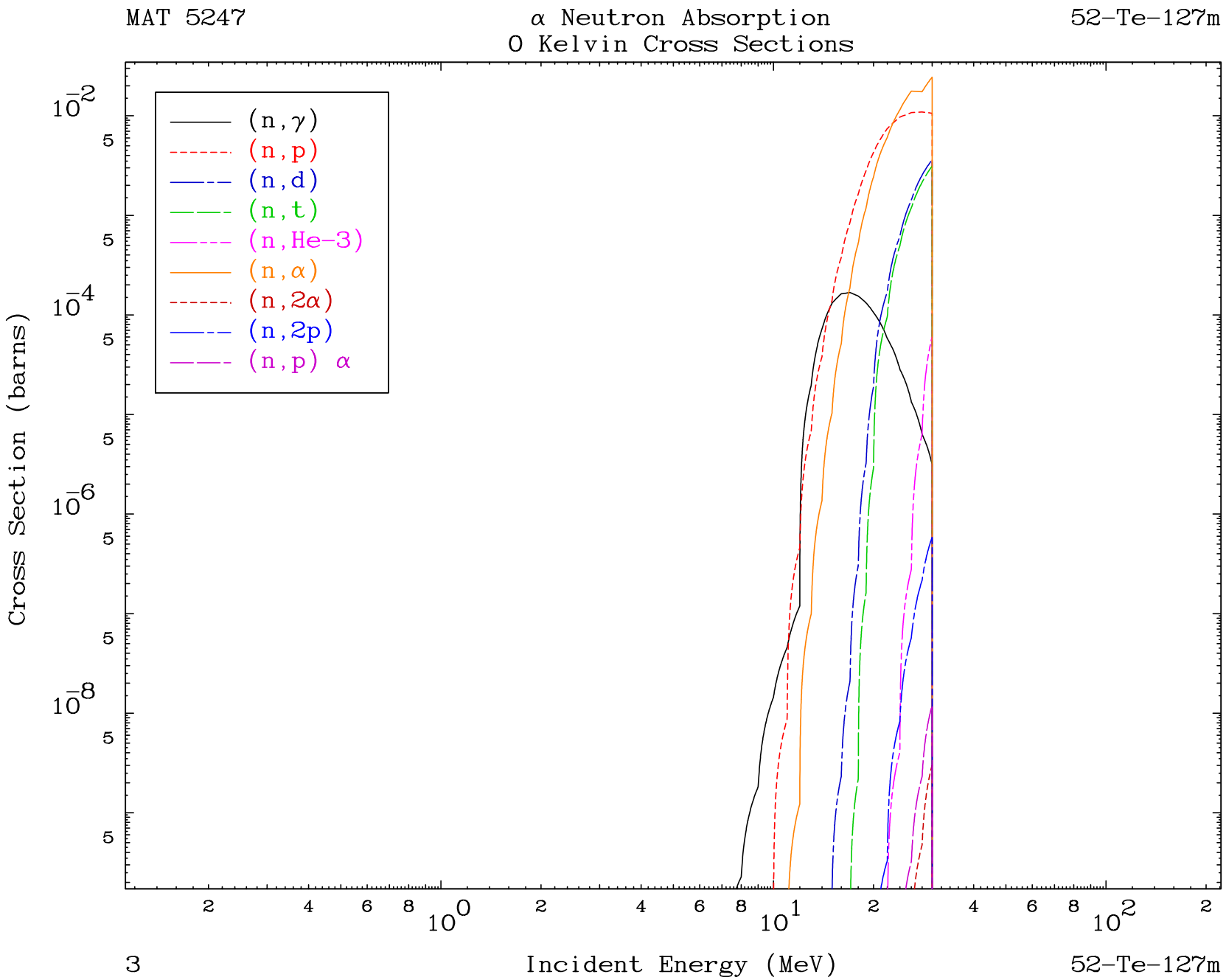
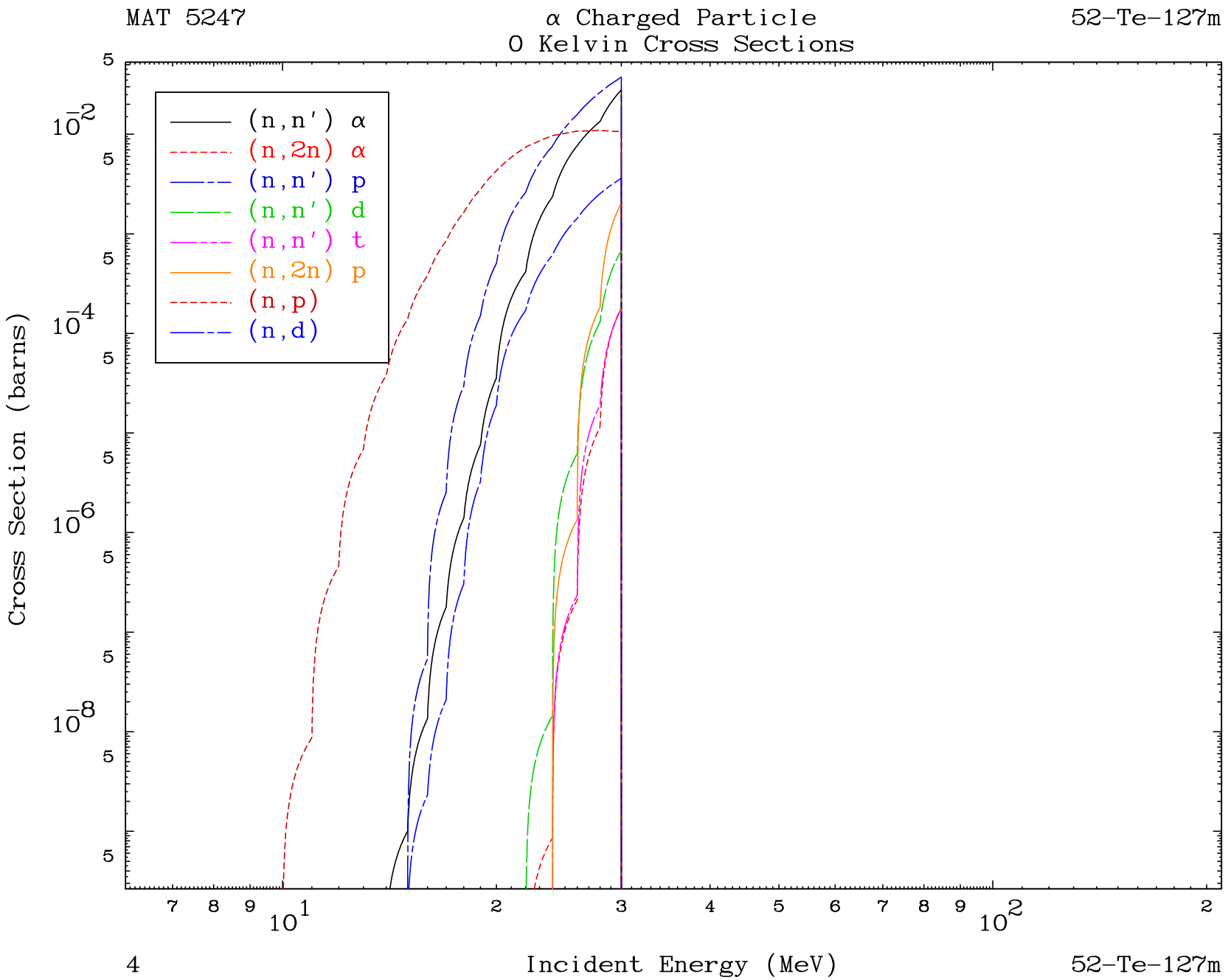
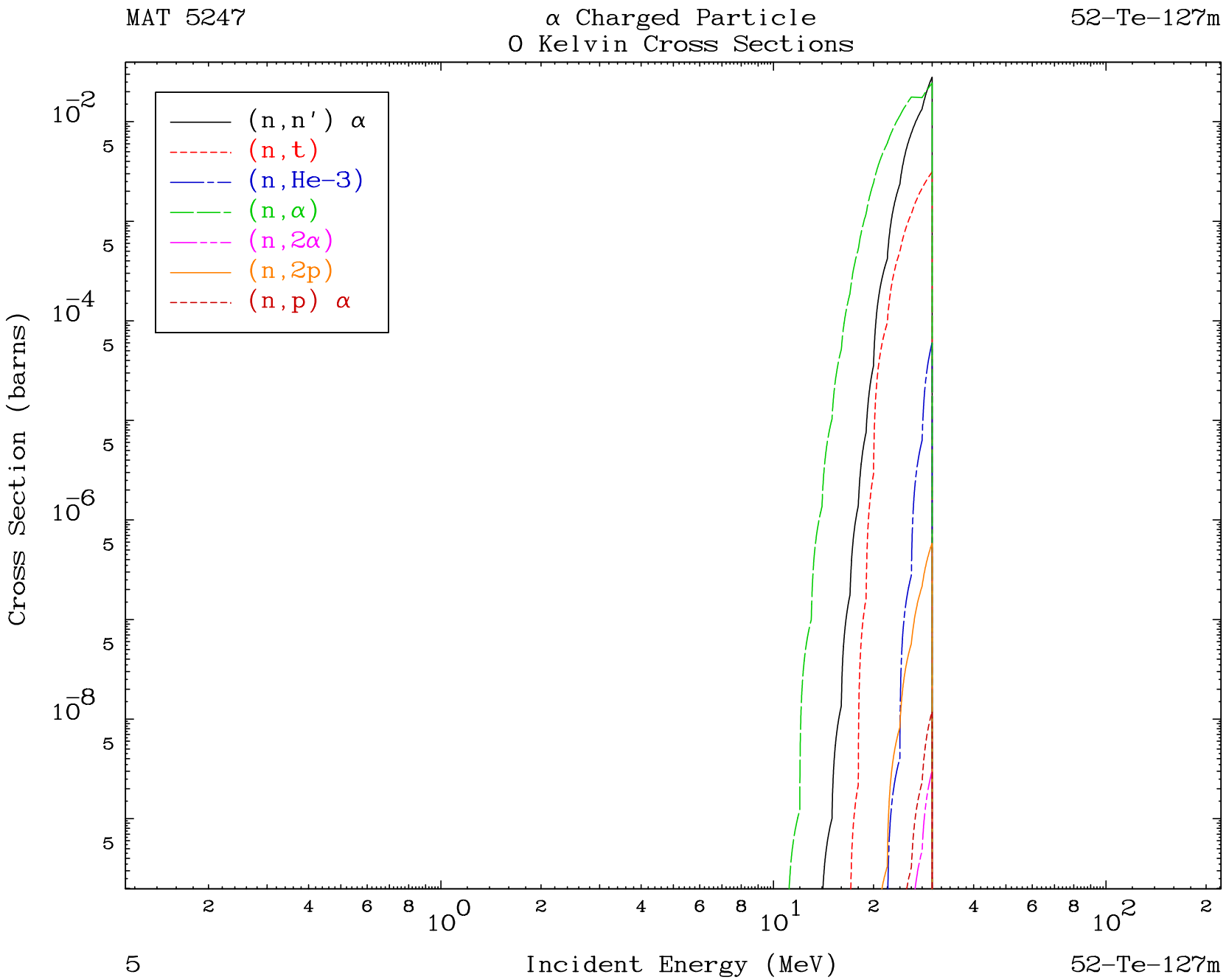
Press Mouse Button to Start

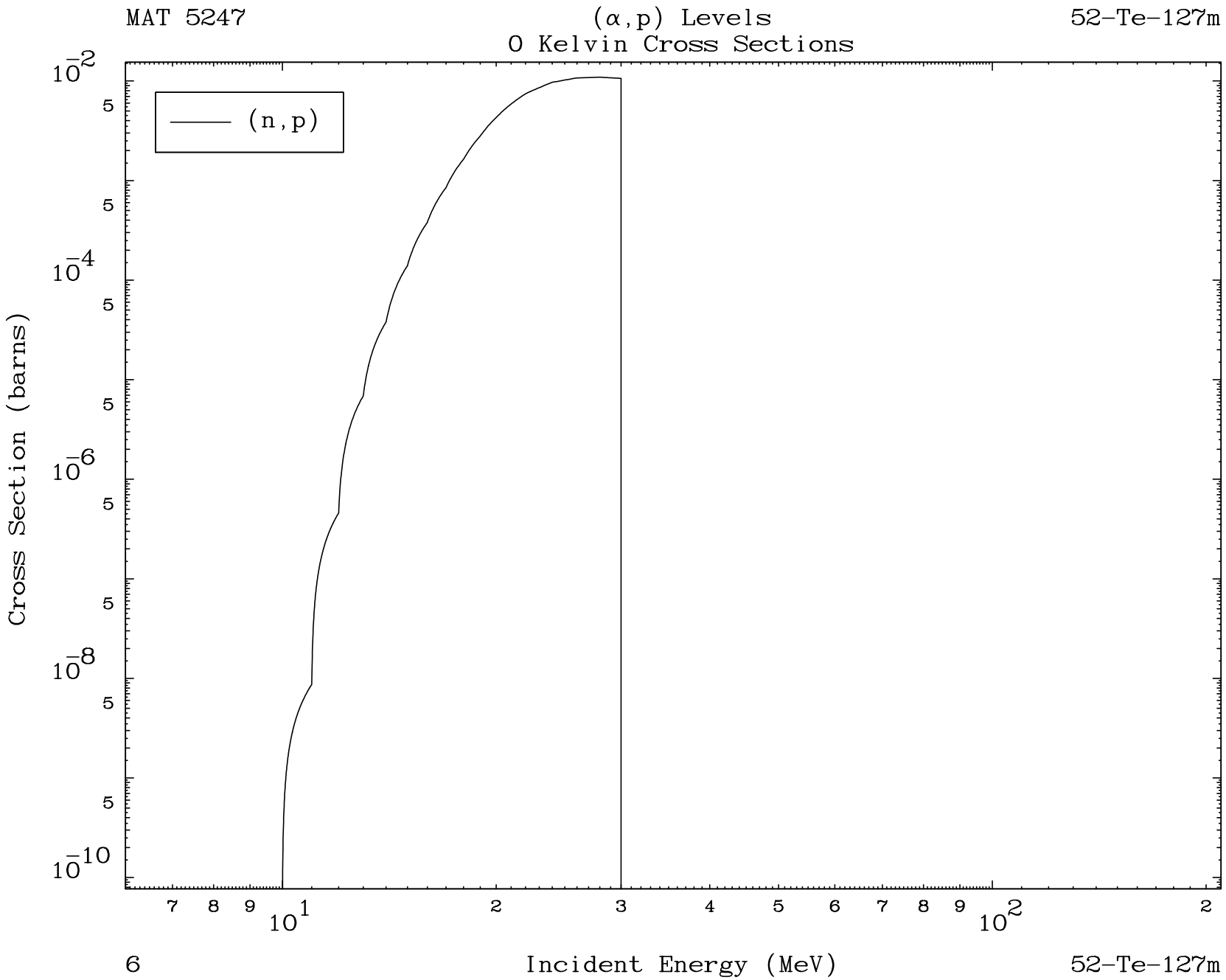

MAT 5247
α Major
52-Te-127m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-127m
1

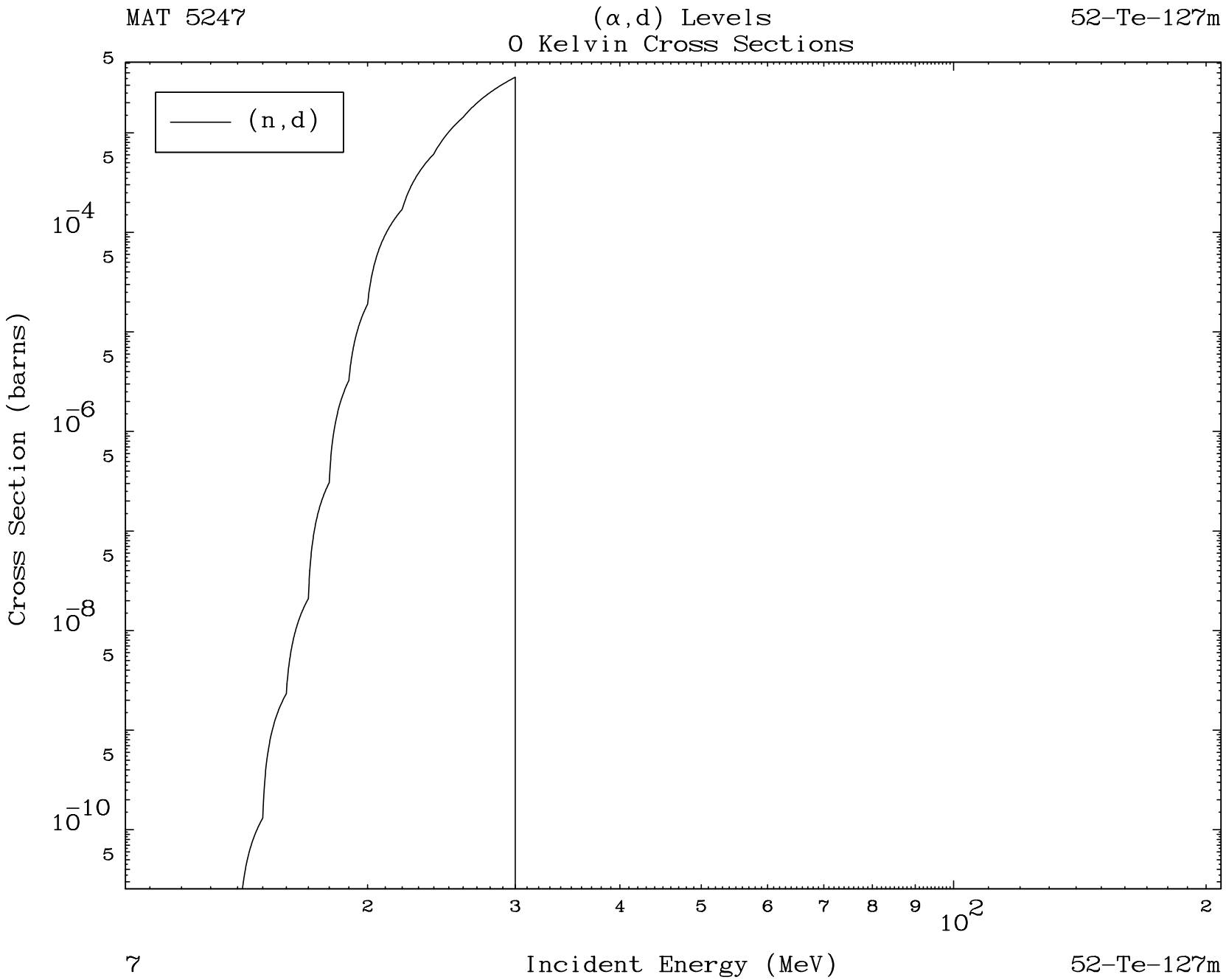

MAT 5247
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-127m
Cross Section (barns)
Incident Energy (MeV)
52-Te-127m
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p


MAT 5247
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-127m
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-127m

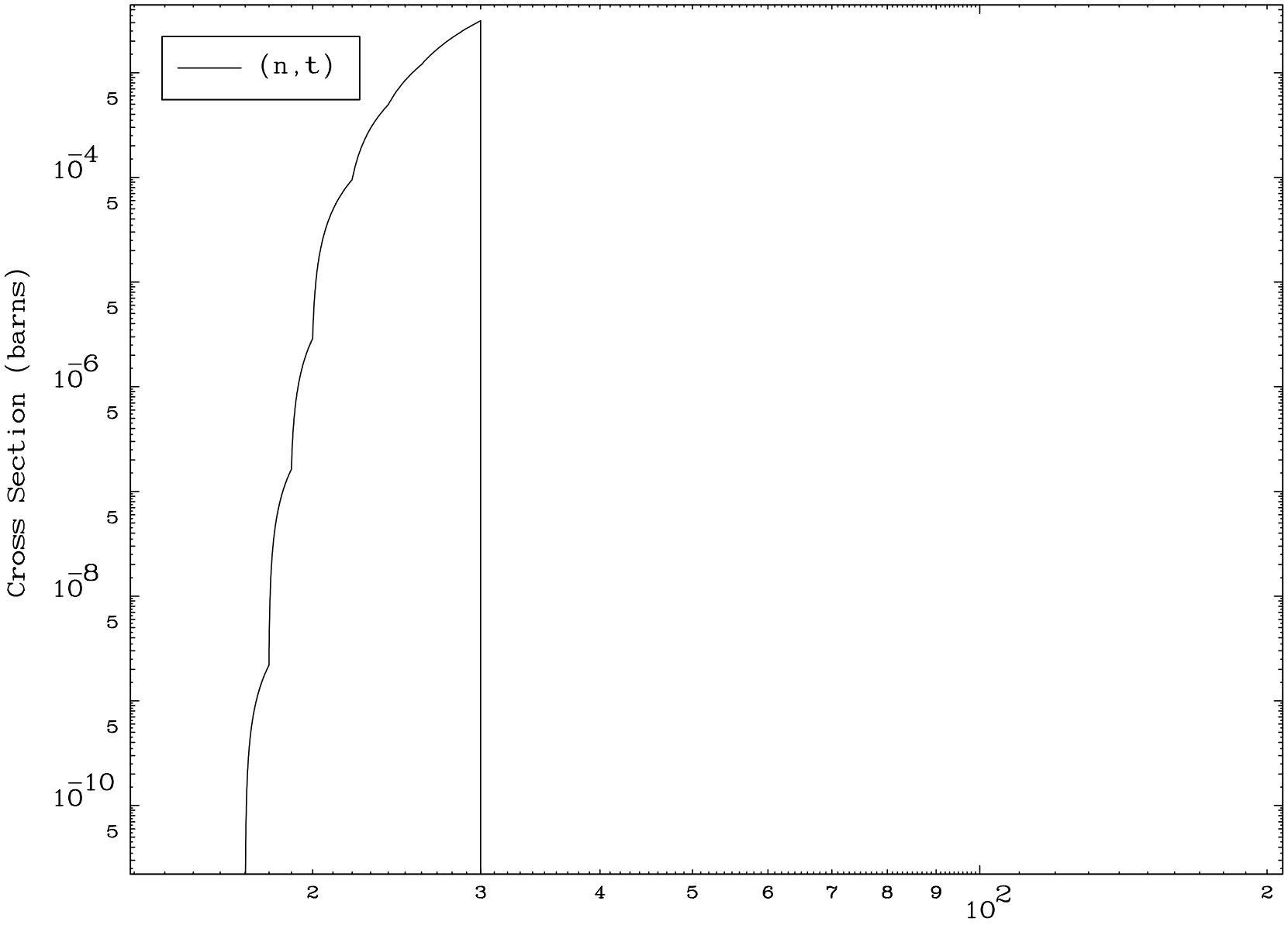

MAT 5247
α Charged Particle
0 Kelvin Cross Sections
52-Te-127m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-127m

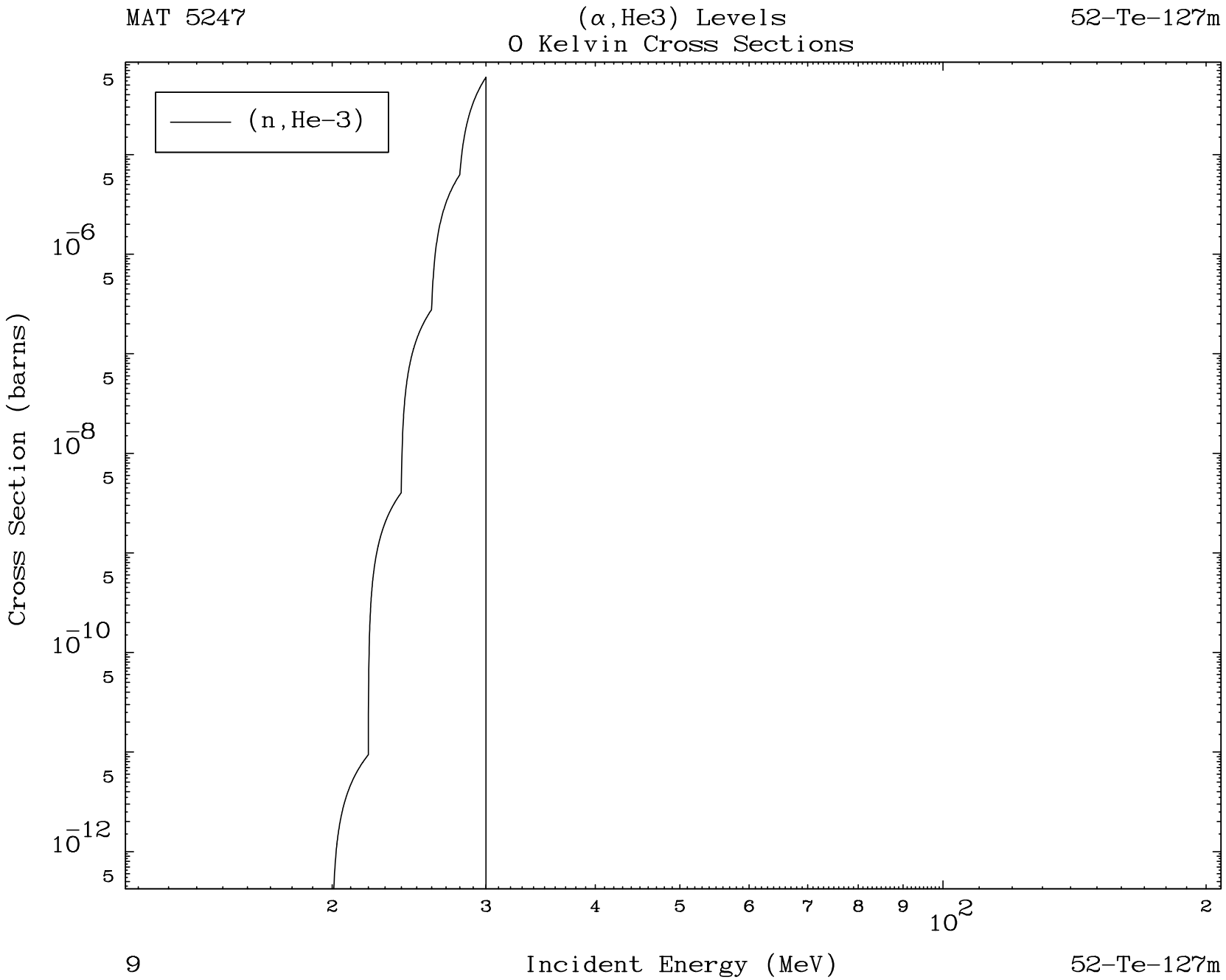

MAT 5247
α Charged Particle
0 Kelvin Cross Sections
52-Te-127m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
52-Te-127m
5

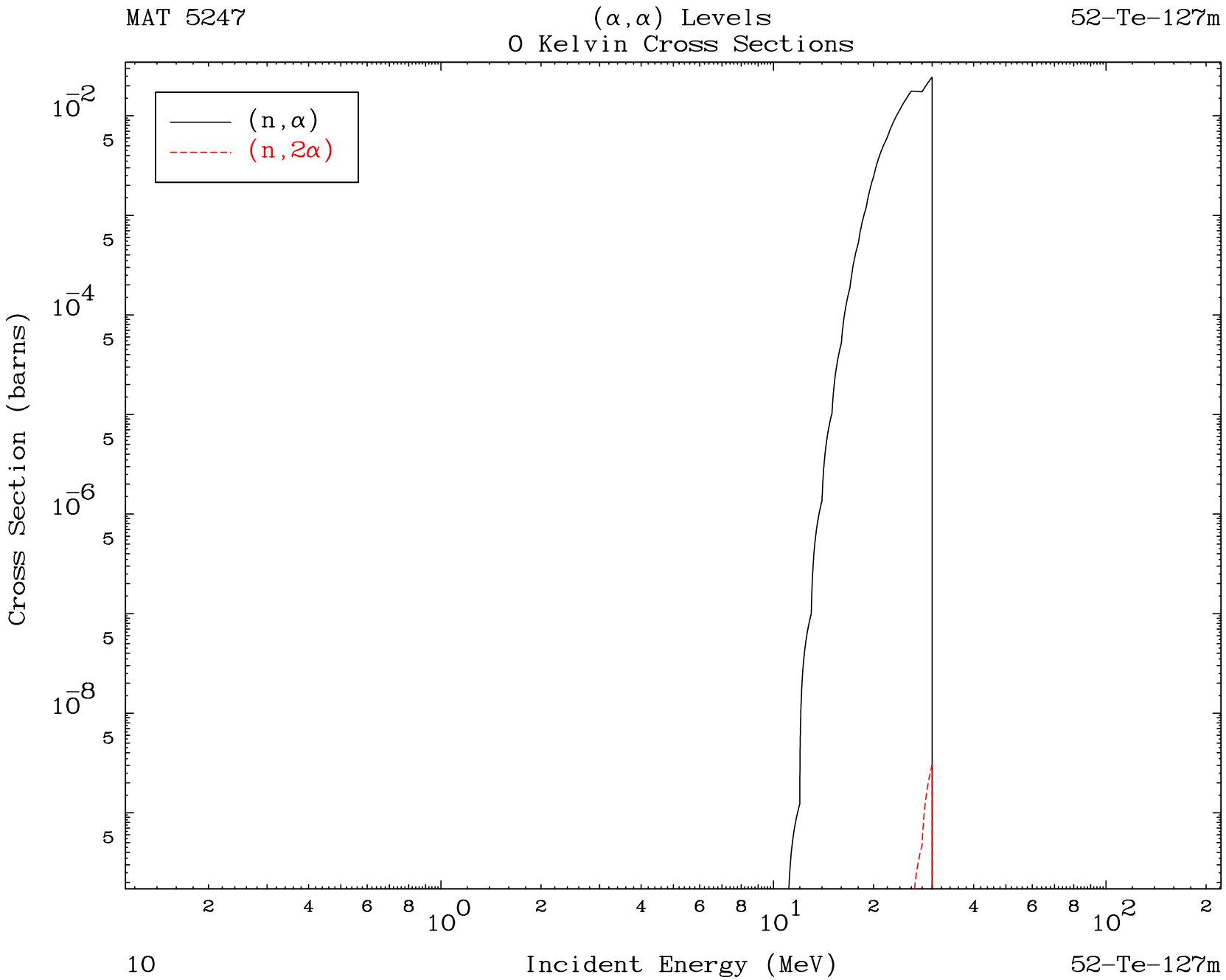

MAT 5247
(α,p) Levels
52-Te-127m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
52-Te-127m

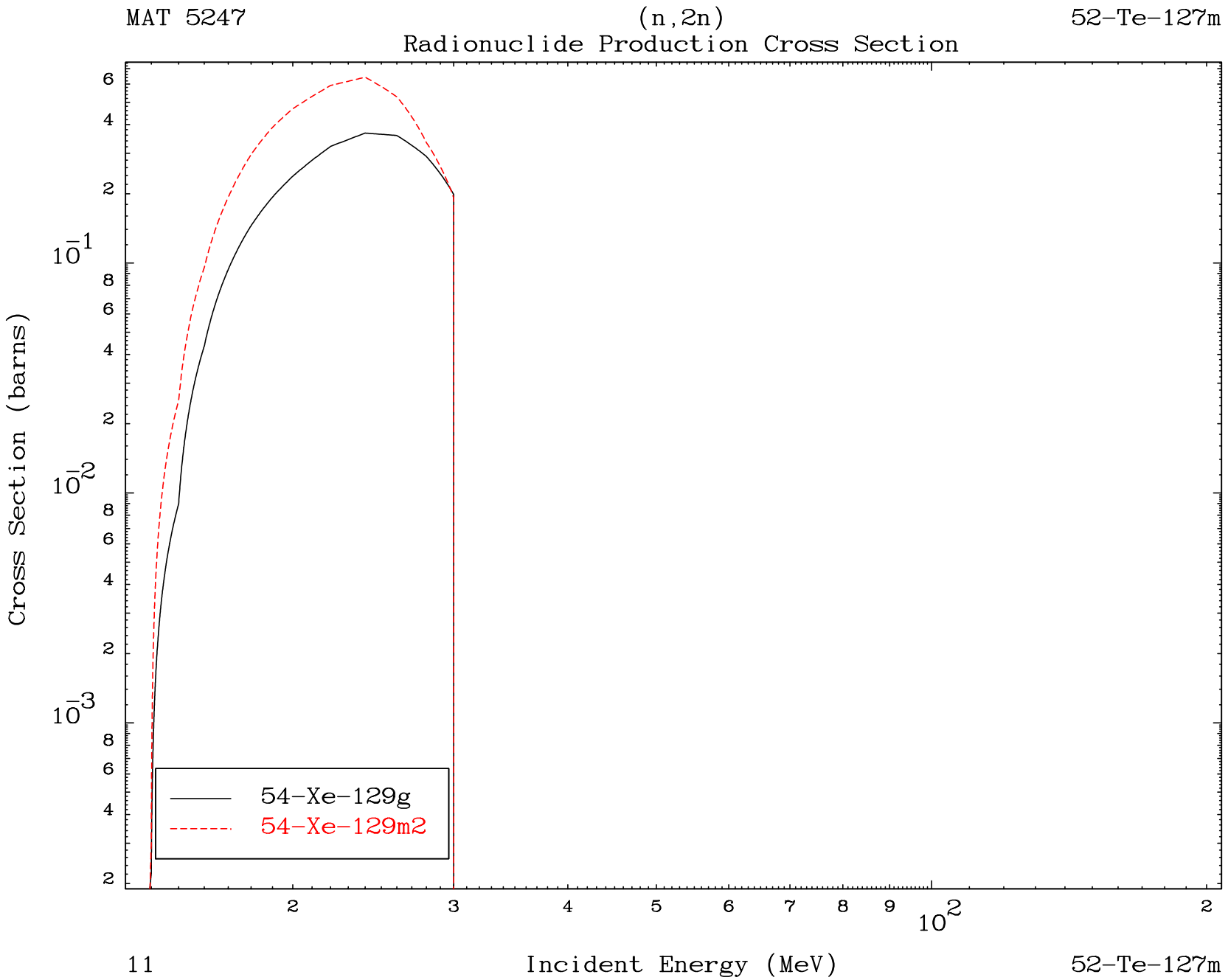

MAT 5247
(α,d) Levels
52-Te-127m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
52-Te-127m

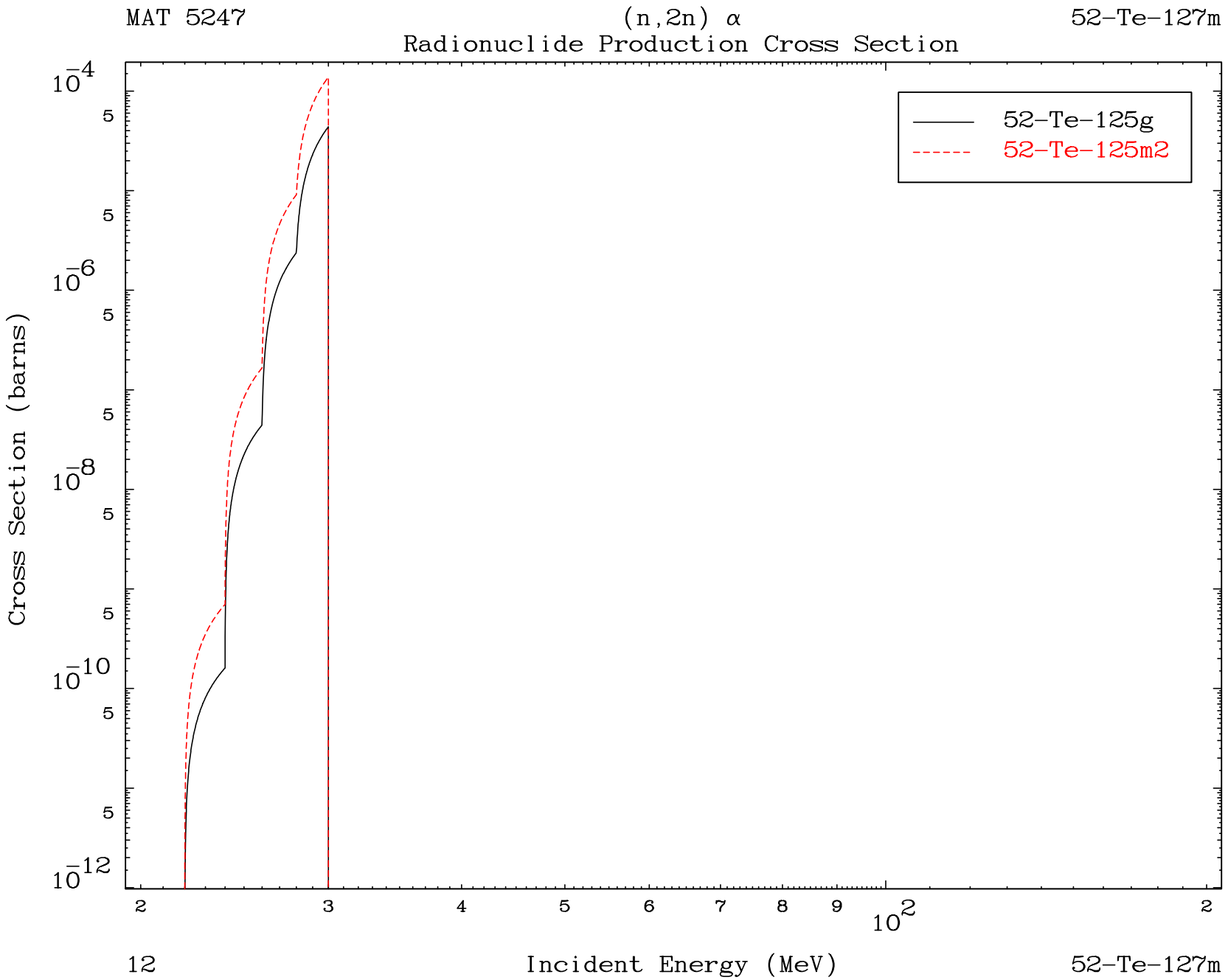
0 Kelvin Cross Sections

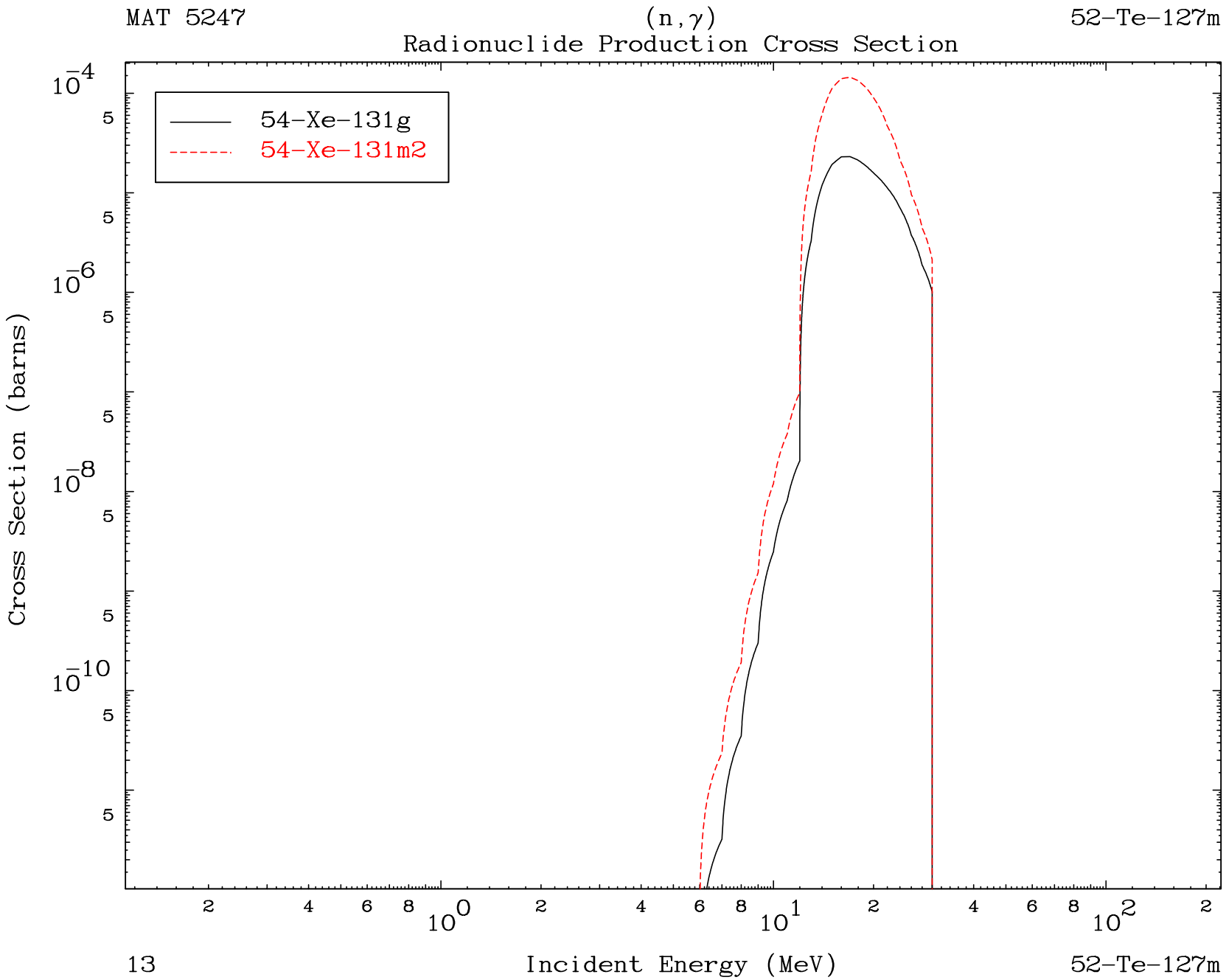


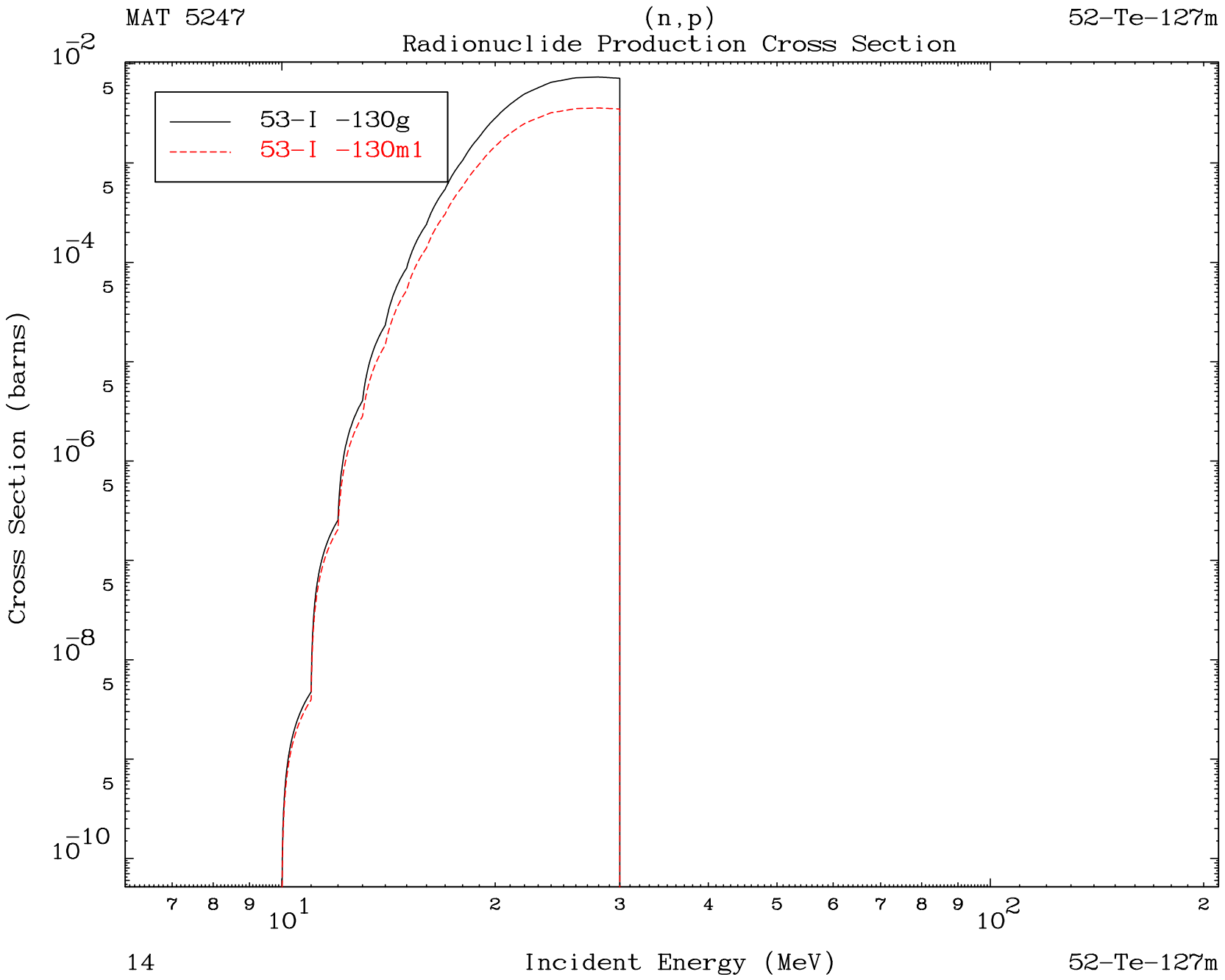

MAT 5247
(α,He3) Levels
52-Te-127m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
52-Te-127m

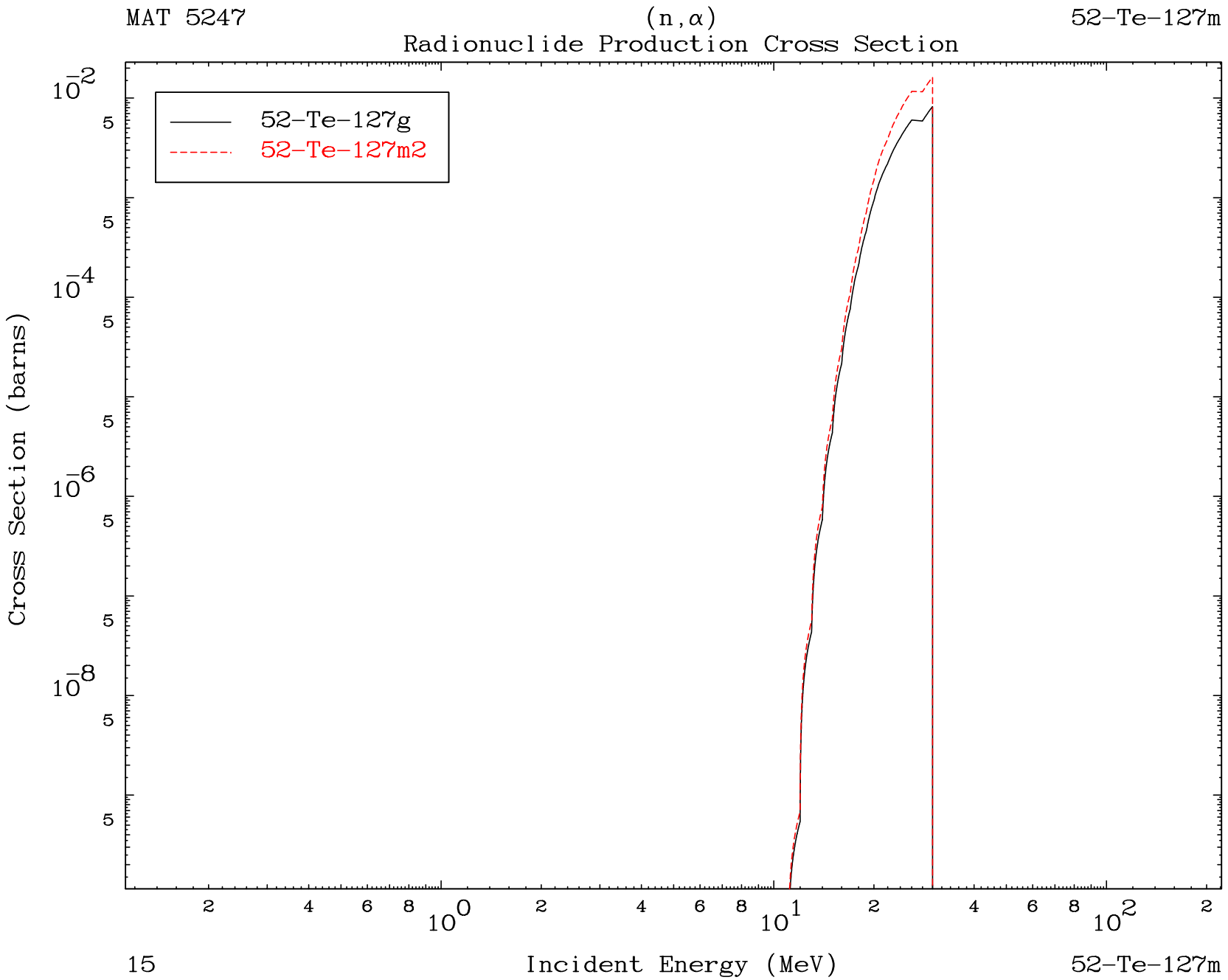

MAT 5247
(α,α) Levels
52-Te-127m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
52-Te-127m

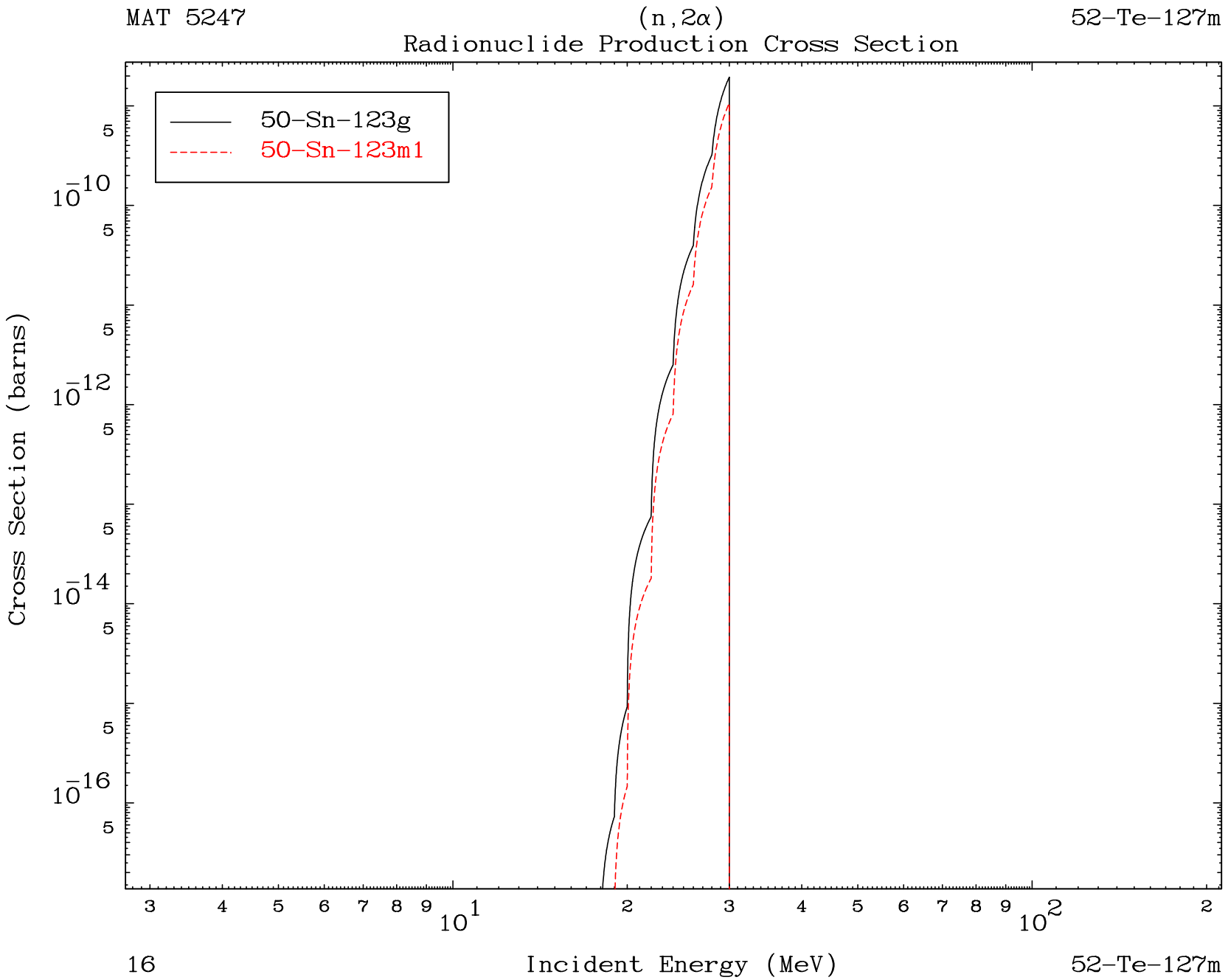

MAT 5247
(n,2n)
52-Te-127m
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
54-Xe-129g
54-Xe-129m2
11
52-Te-127m

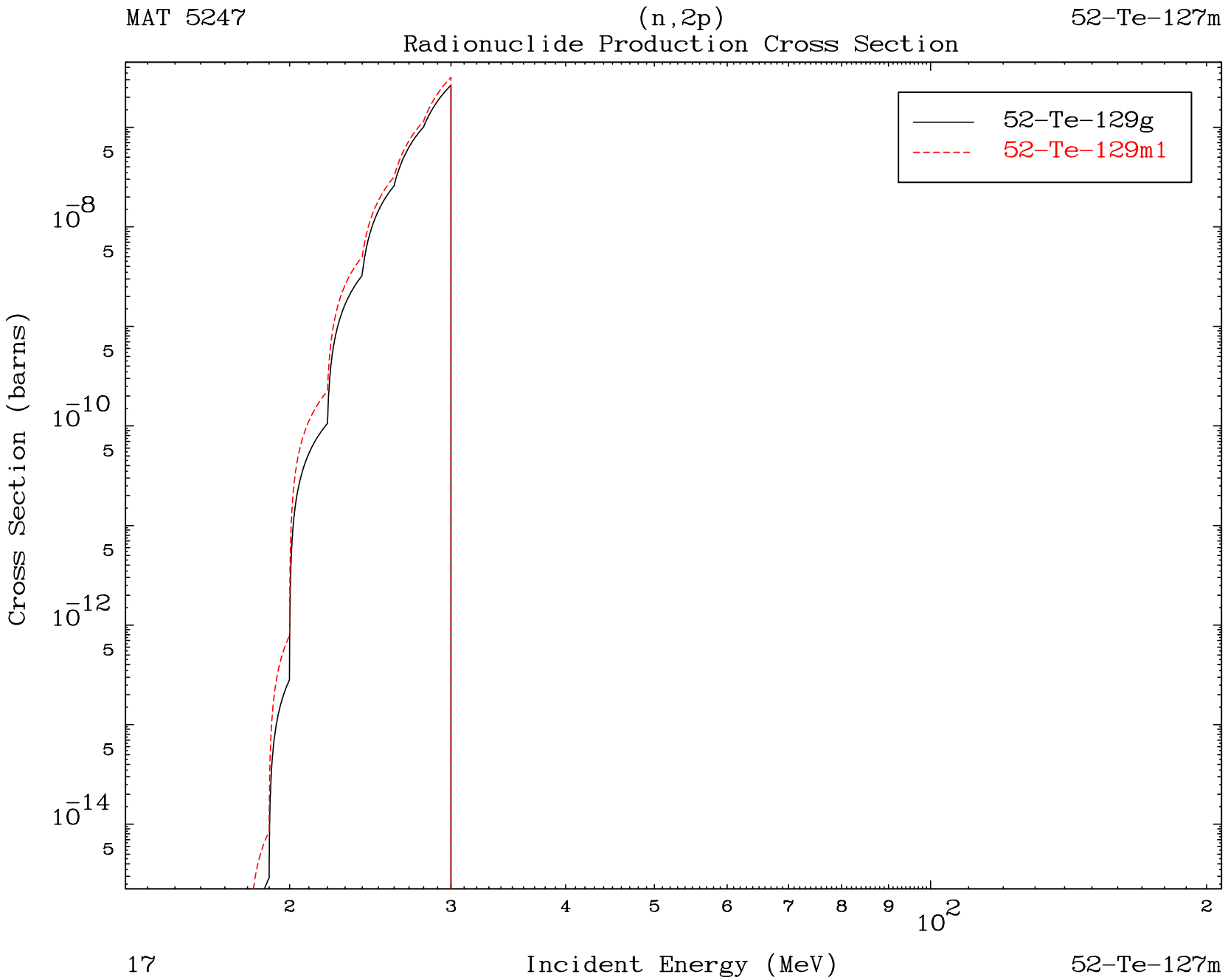

MAT 5247
(n,2n) α
52-Te-127m
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
52-Te-127m

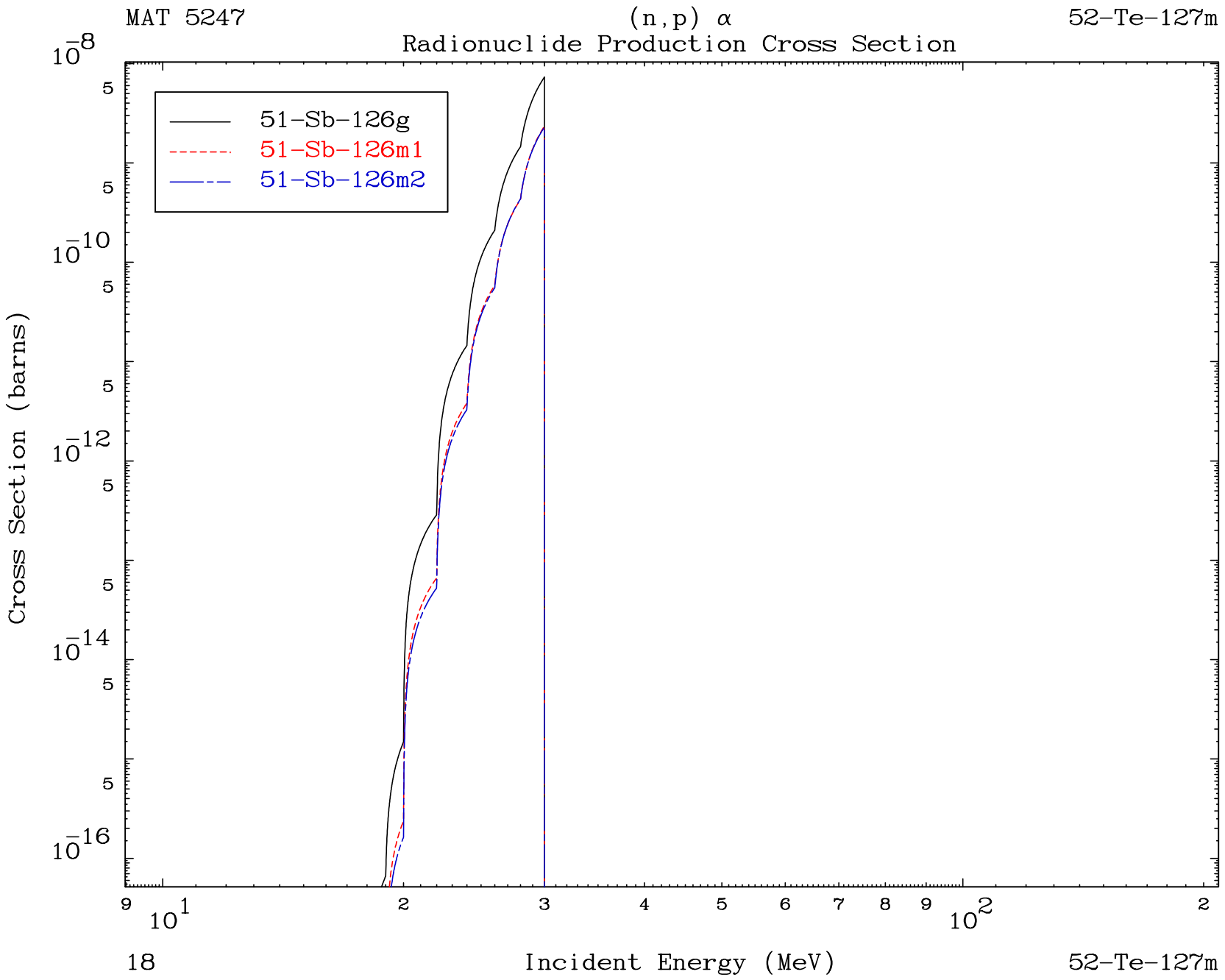

MAT 5247
(n,γ)
52-Te-127m
Radionuclide Production Cross Section
54-Xe-131g
54-Xe-131m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
13
52-Te-127m


MAT 5247
(n,p)
52-Te-127m
Radionuclide Production Cross Section
53-I -130g
53-I -130m1
Cross Section (barns)
Incident Energy (MeV)
14
52-Te-127m


MAT 5247
(n,α)
52-Te-127m
Radionuclide Production Cross Section
52-Te-127g
52-Te-127m2
Cross Section (barns)
Incident Energy (MeV)
15
52-Te-127m


MAT 5247
(n,2α)
52-Te-127m
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10-10
10-12
10-14
10-16
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
16
Incident Energy (MeV)
52-Te-127m


MAT 5247
(n,2p)
52-Te-127m
Radionuclide Production Cross Section
52-Te-129g
52-Te-129m1
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)
52-Te-127m


MAT 5247
(n,p) α
52-Te-127m
Radionuclide Production Cross Section
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
Cross Section (barns)
Incident Energy (MeV)
18
52-Te-127m