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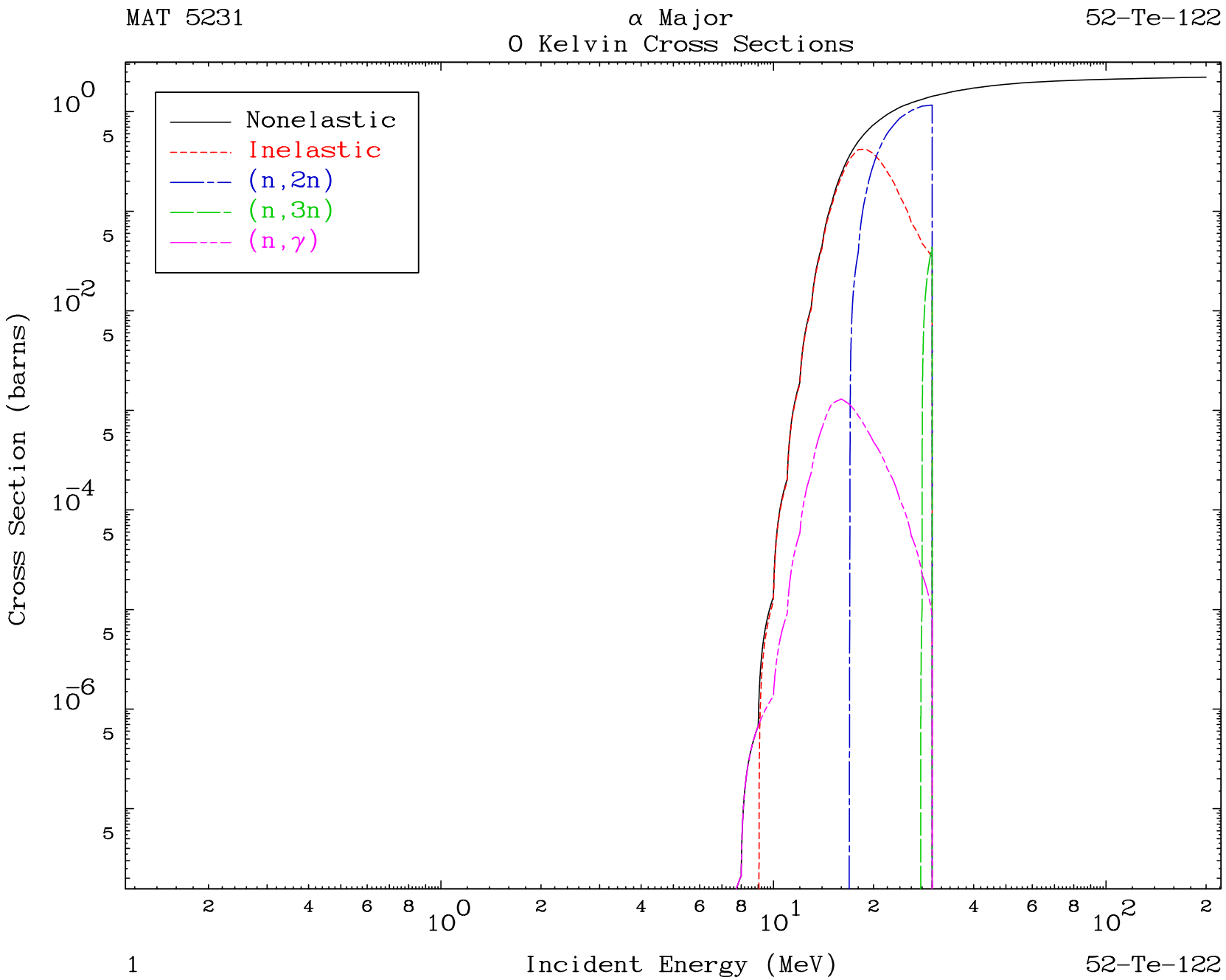
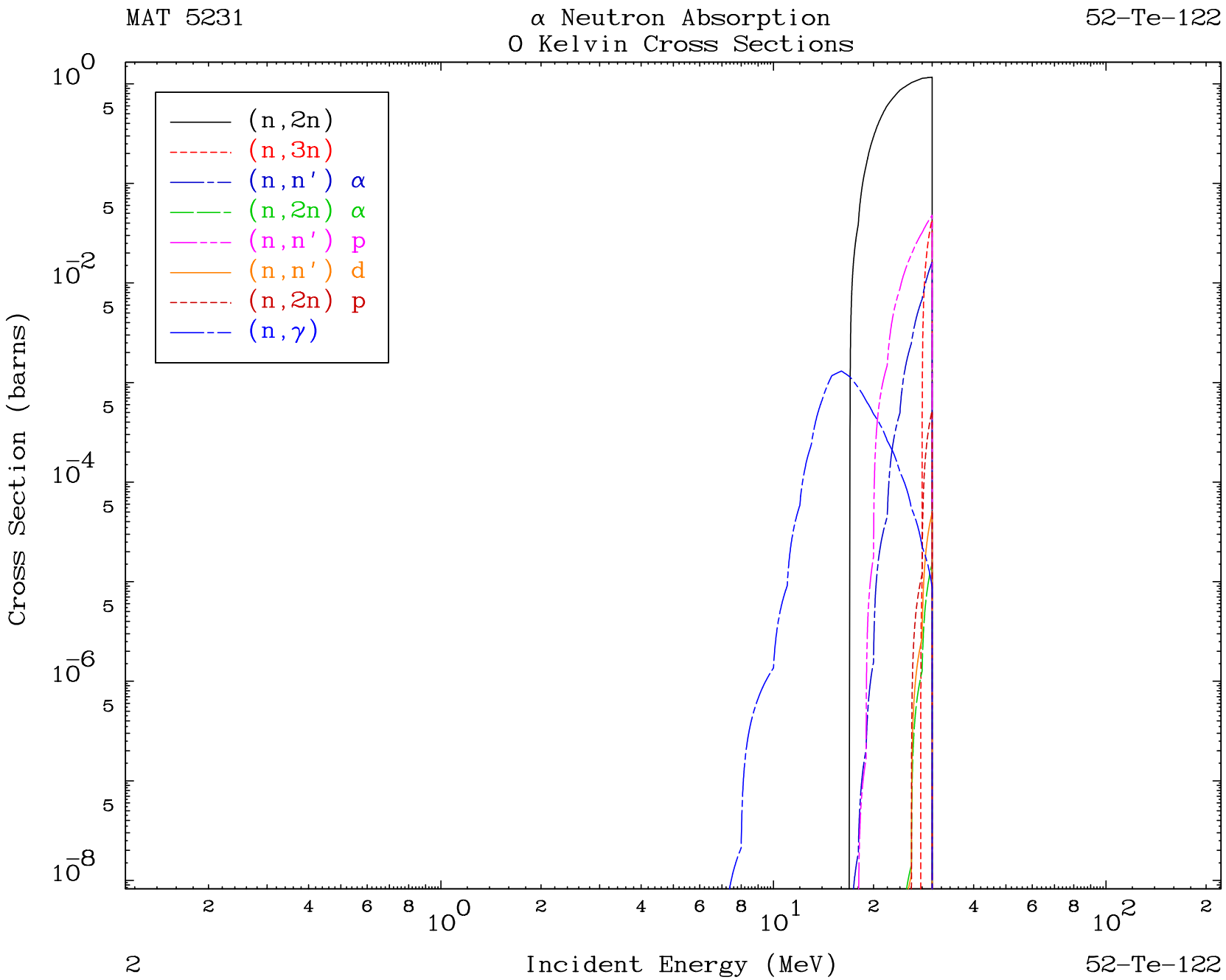
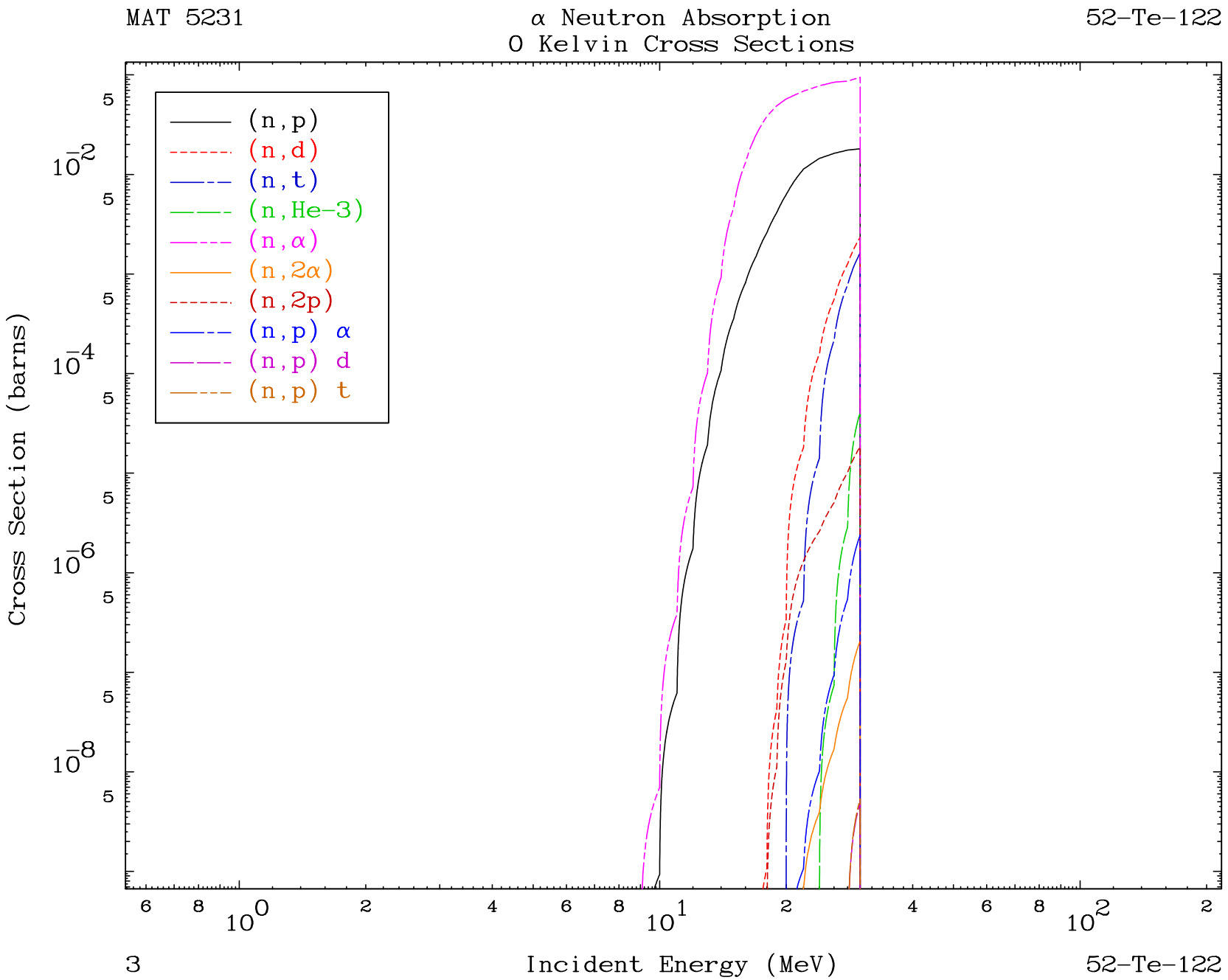
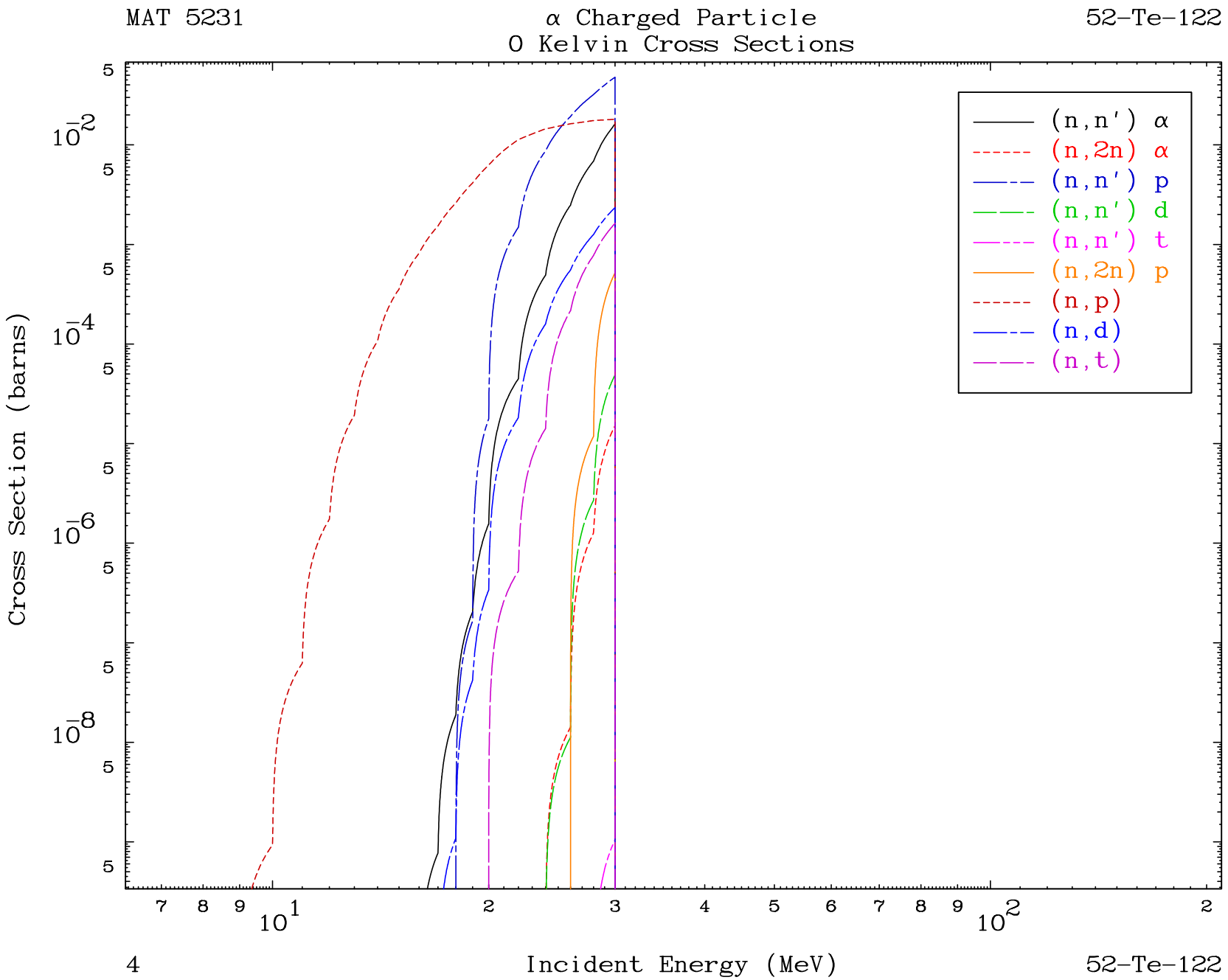
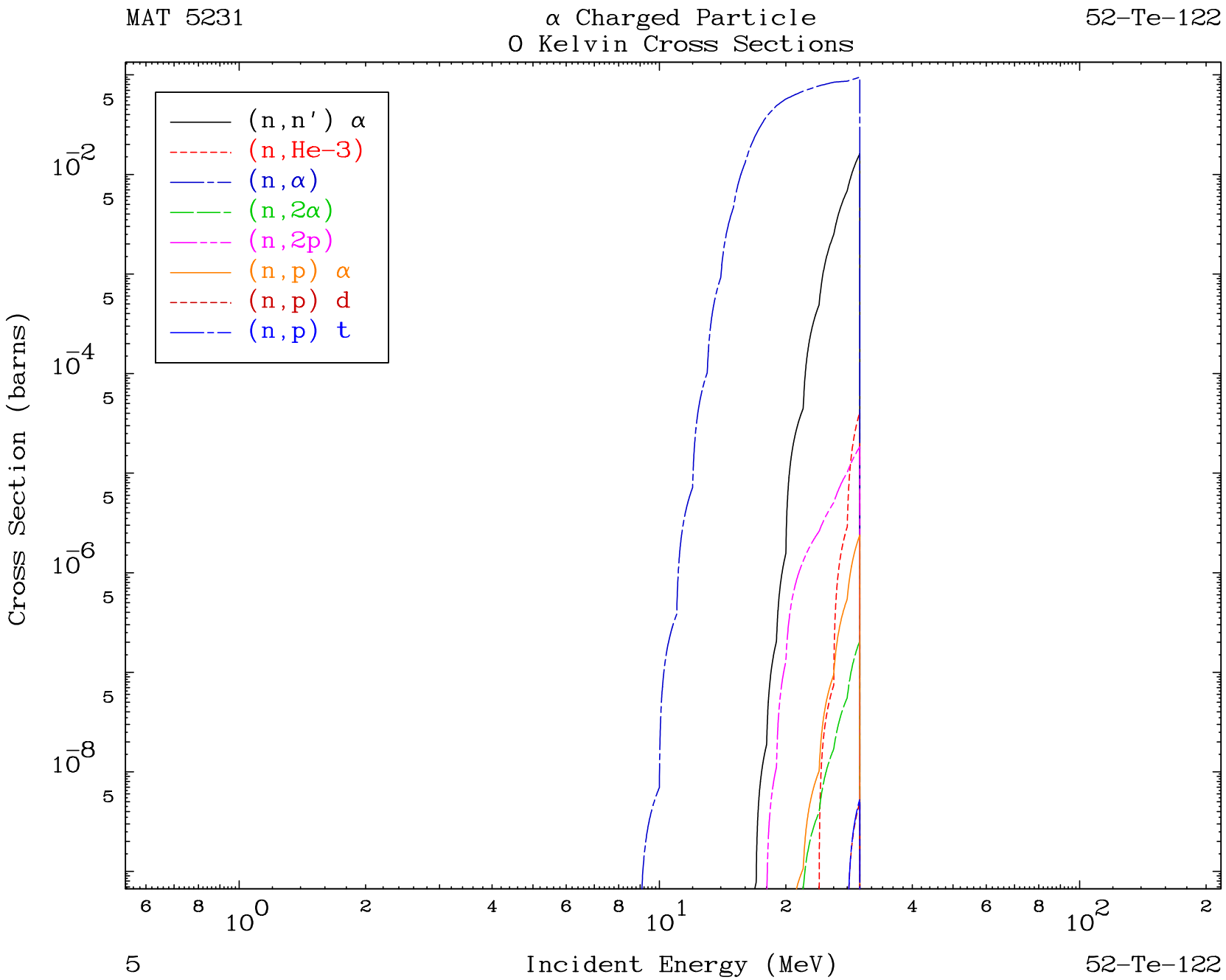
Press Mouse Button to Start

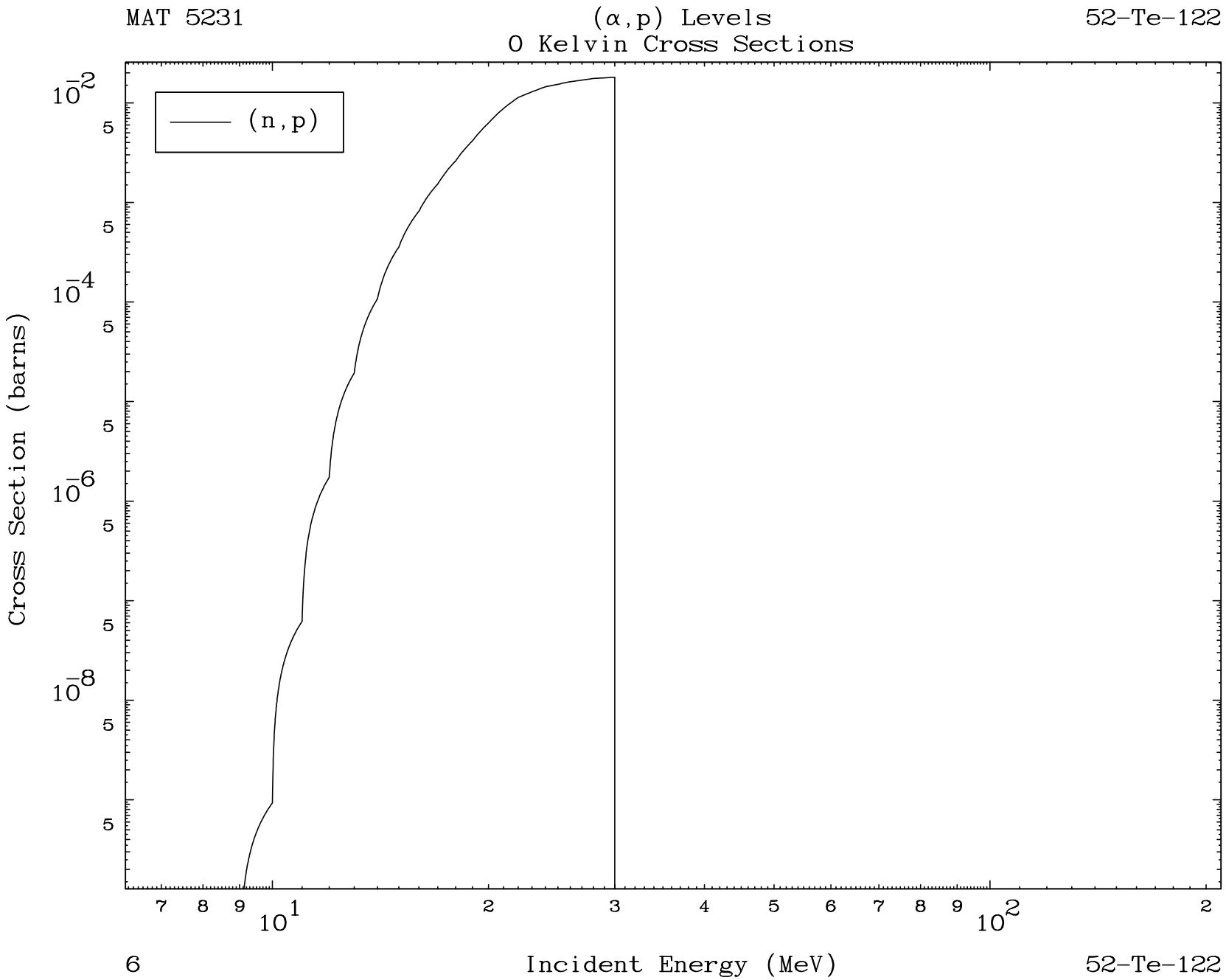

MAT 5231
α Major
52-Te-122
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-122
1

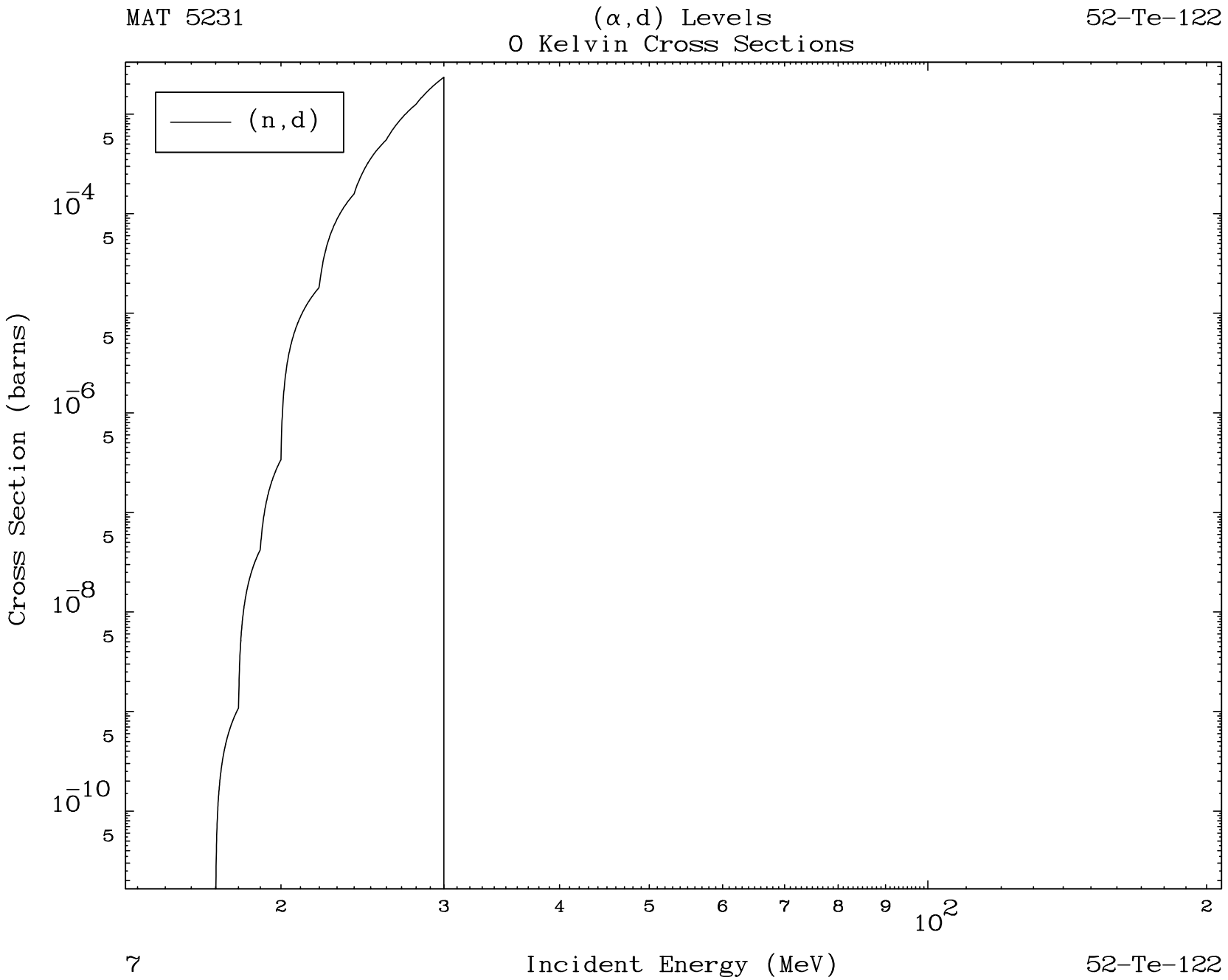

MAT 5231
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-122
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-122
2


MAT 5231
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-122
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-122

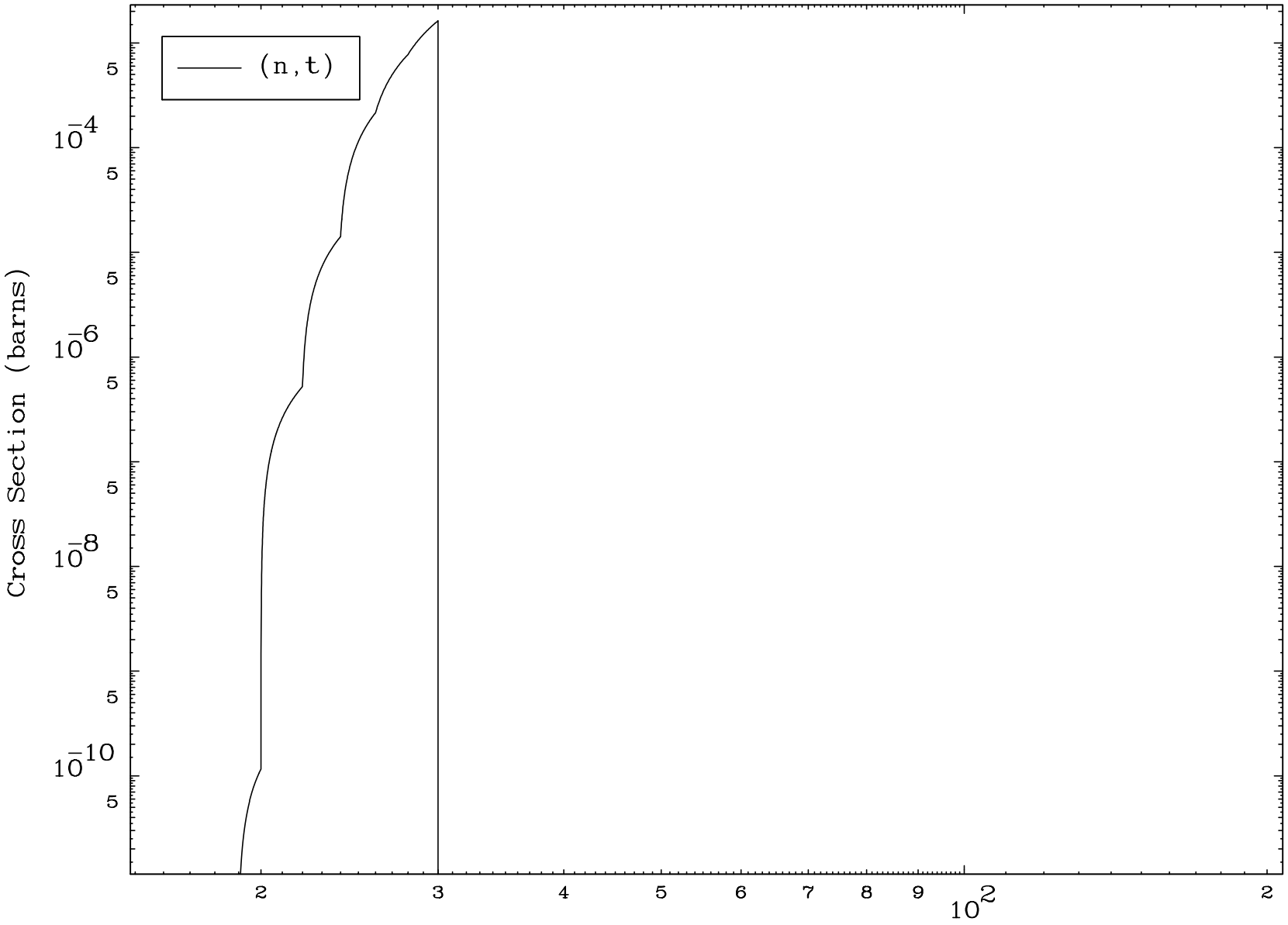

MAT 5231
α Charged Particle
0 Kelvin Cross Sections
52-Te-122
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
4
52-Te-122


MAT 5231
α Charged Particle
0 Kelvin Cross Sections
52-Te-122
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
52-Te-122
5

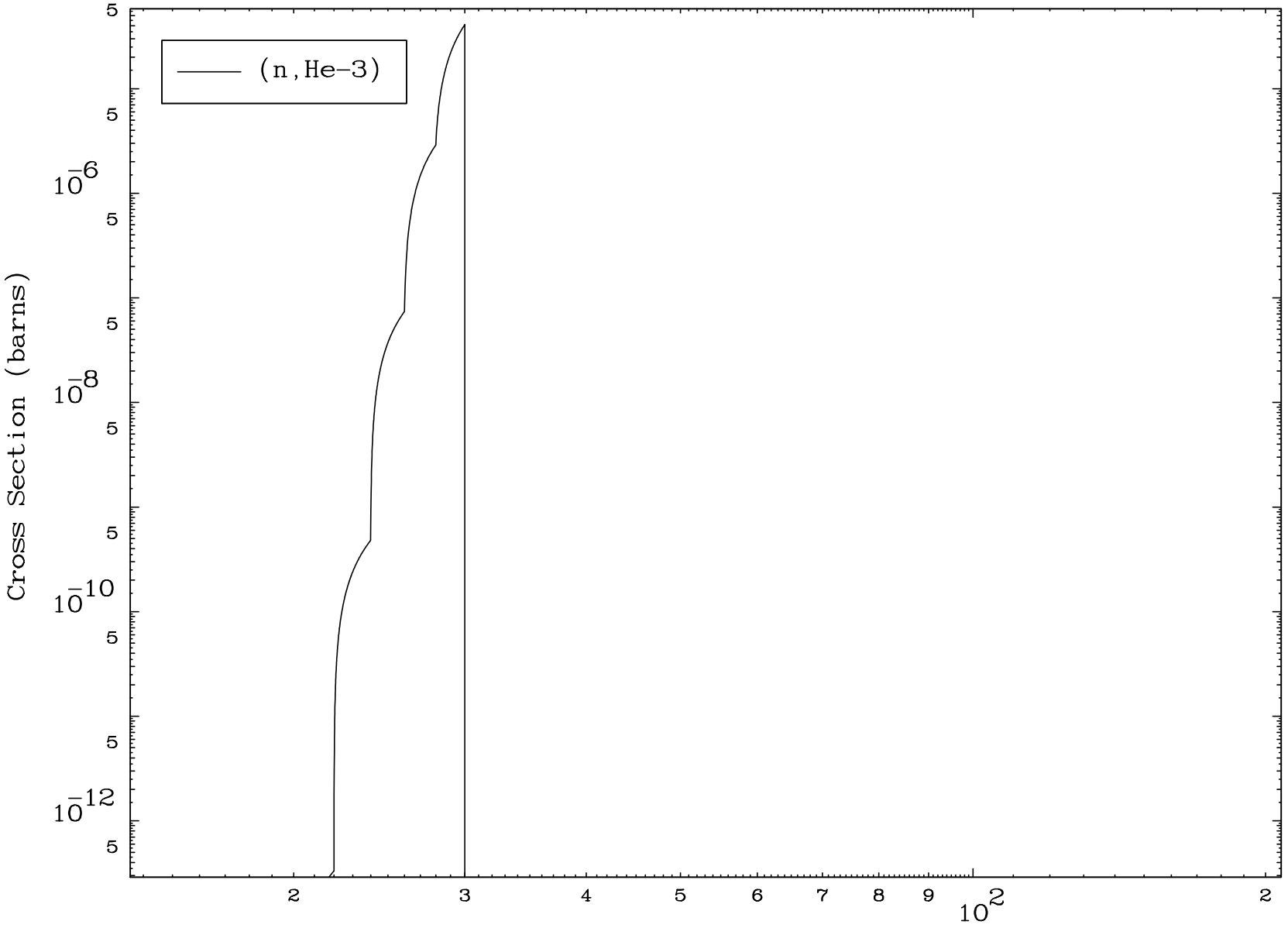

MAT 5231
(α,p) Levels
52-Te-122
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
52-Te-122

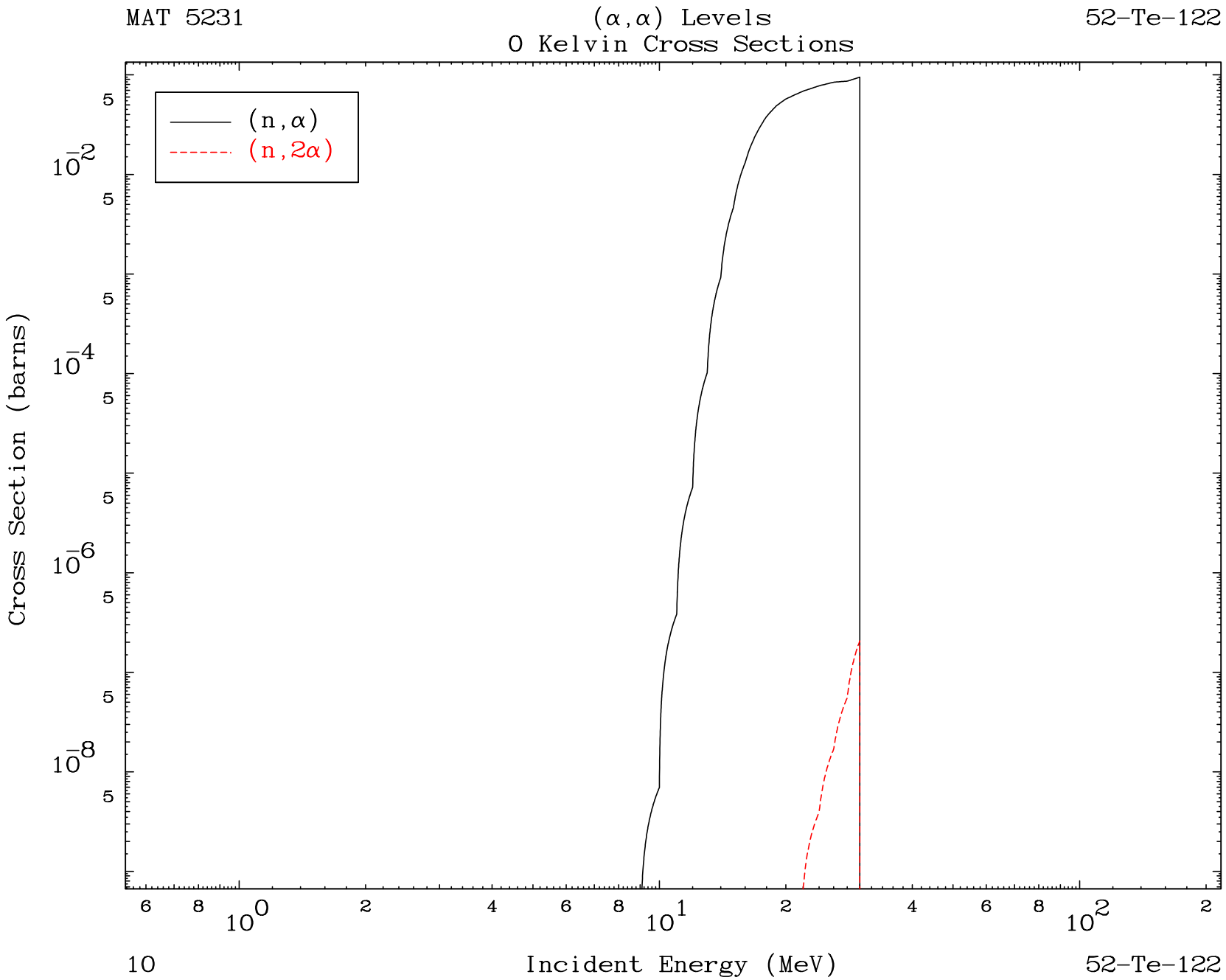

MAT 5231
(α,d) Levels
52-Te-122
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
52-Te-122

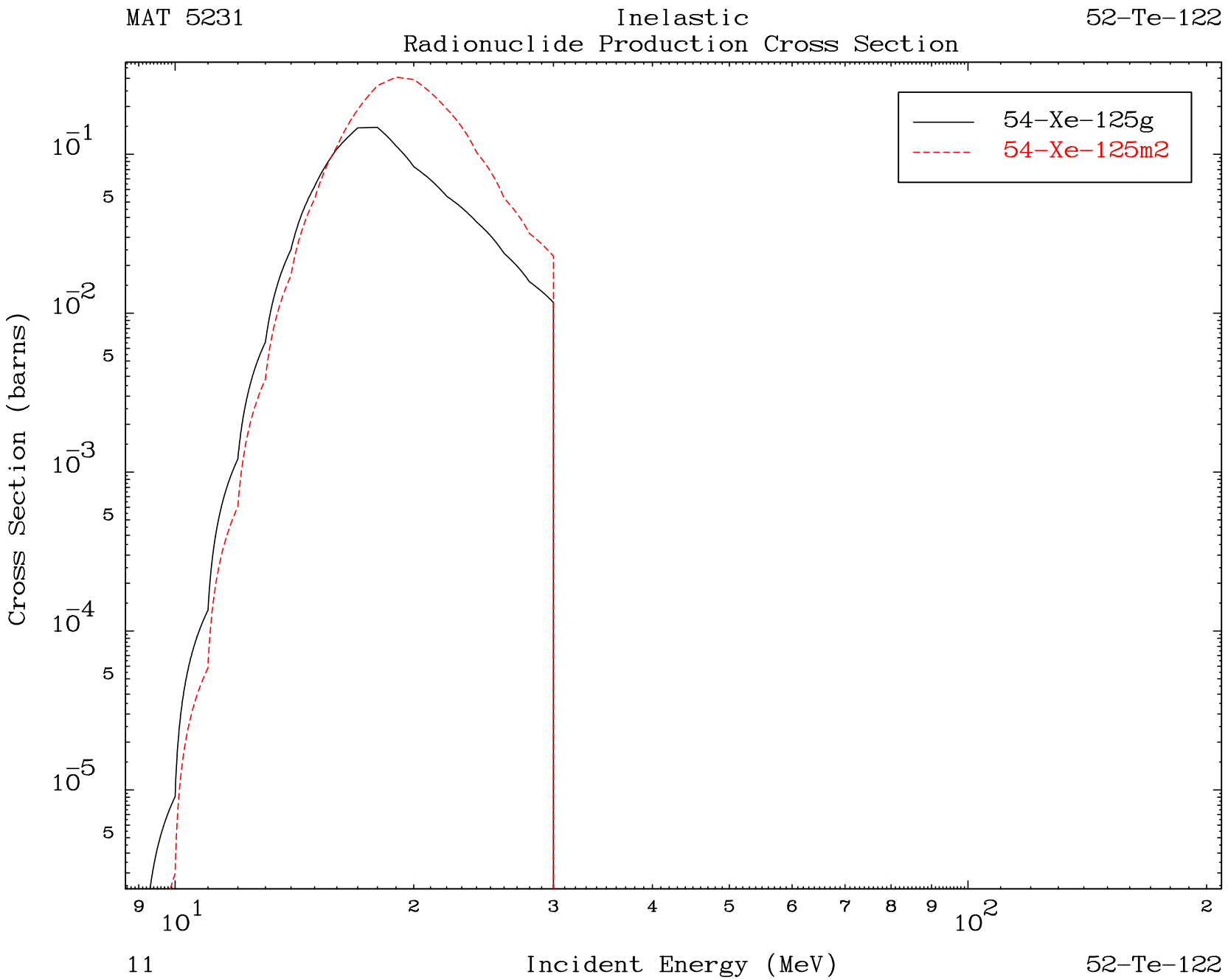
0 Kelvin Cross Sections

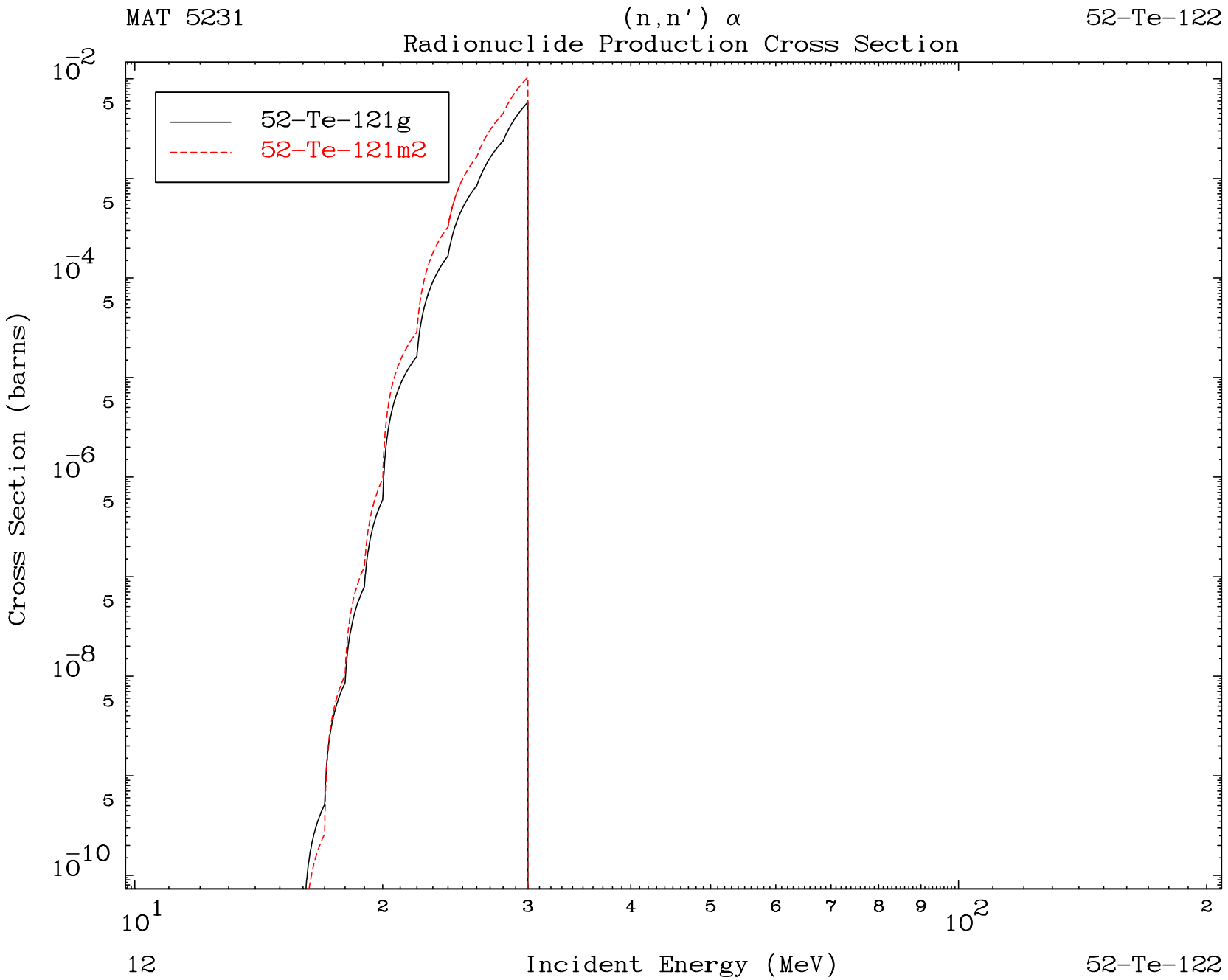


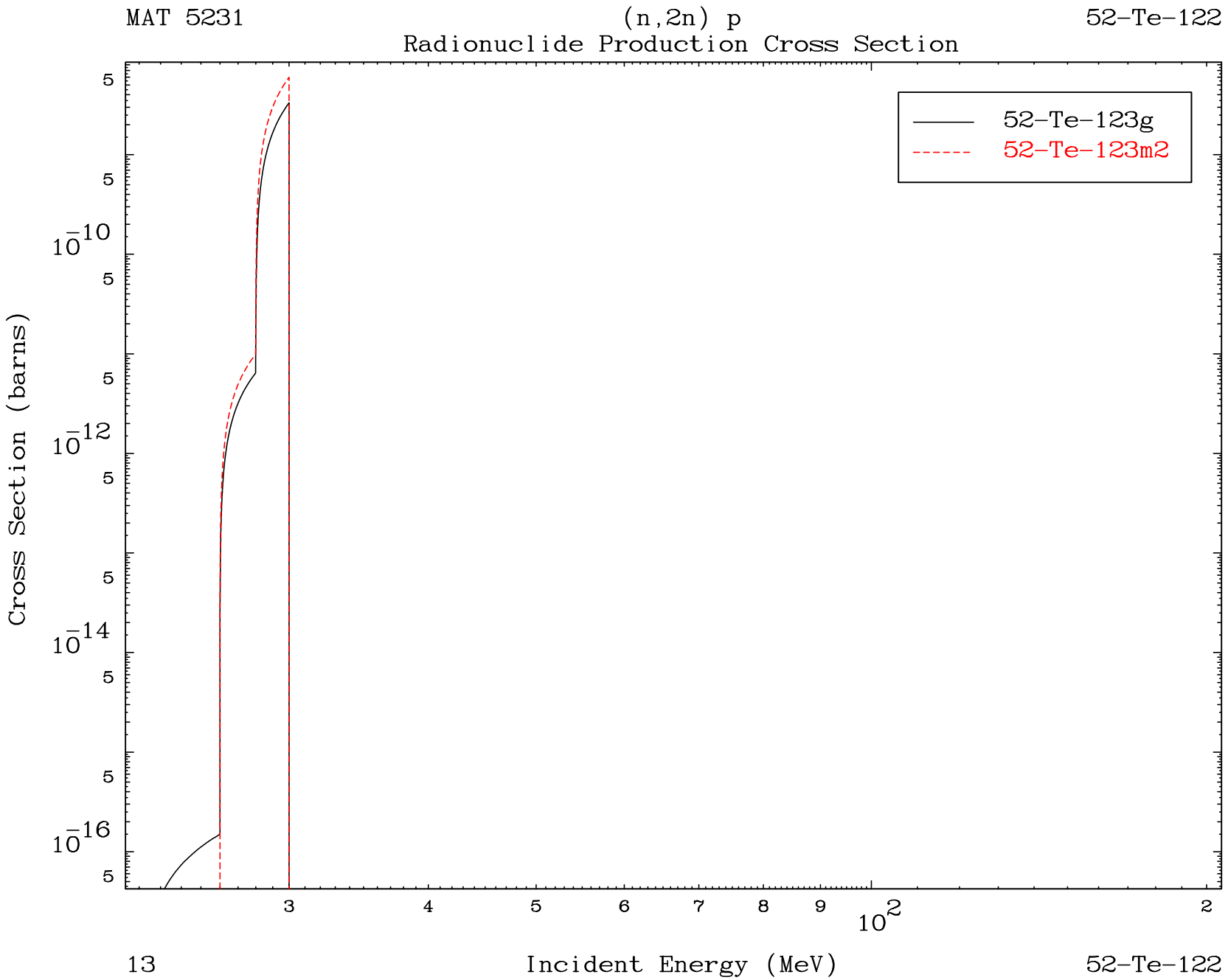
0 Kelvin Cross Sections

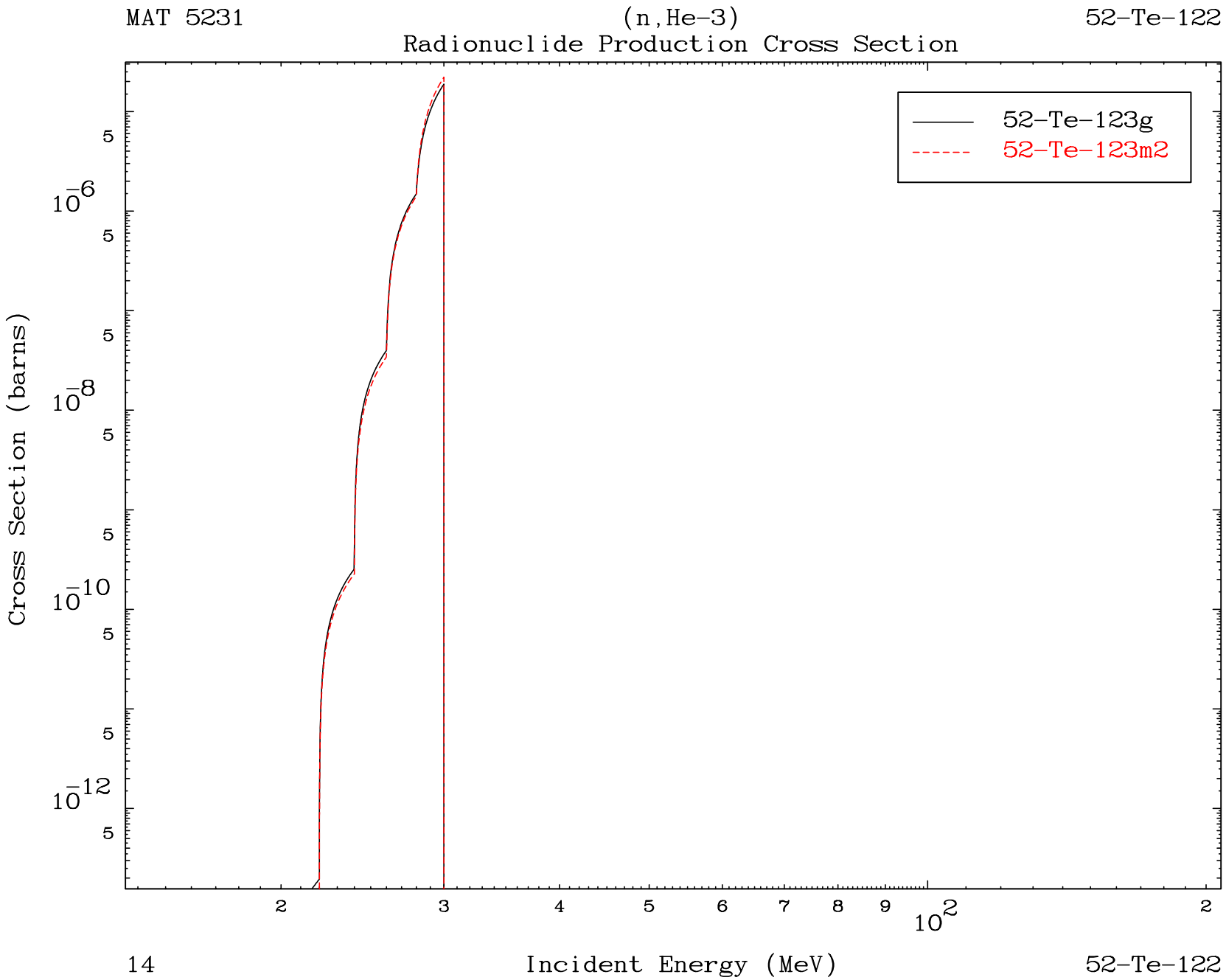


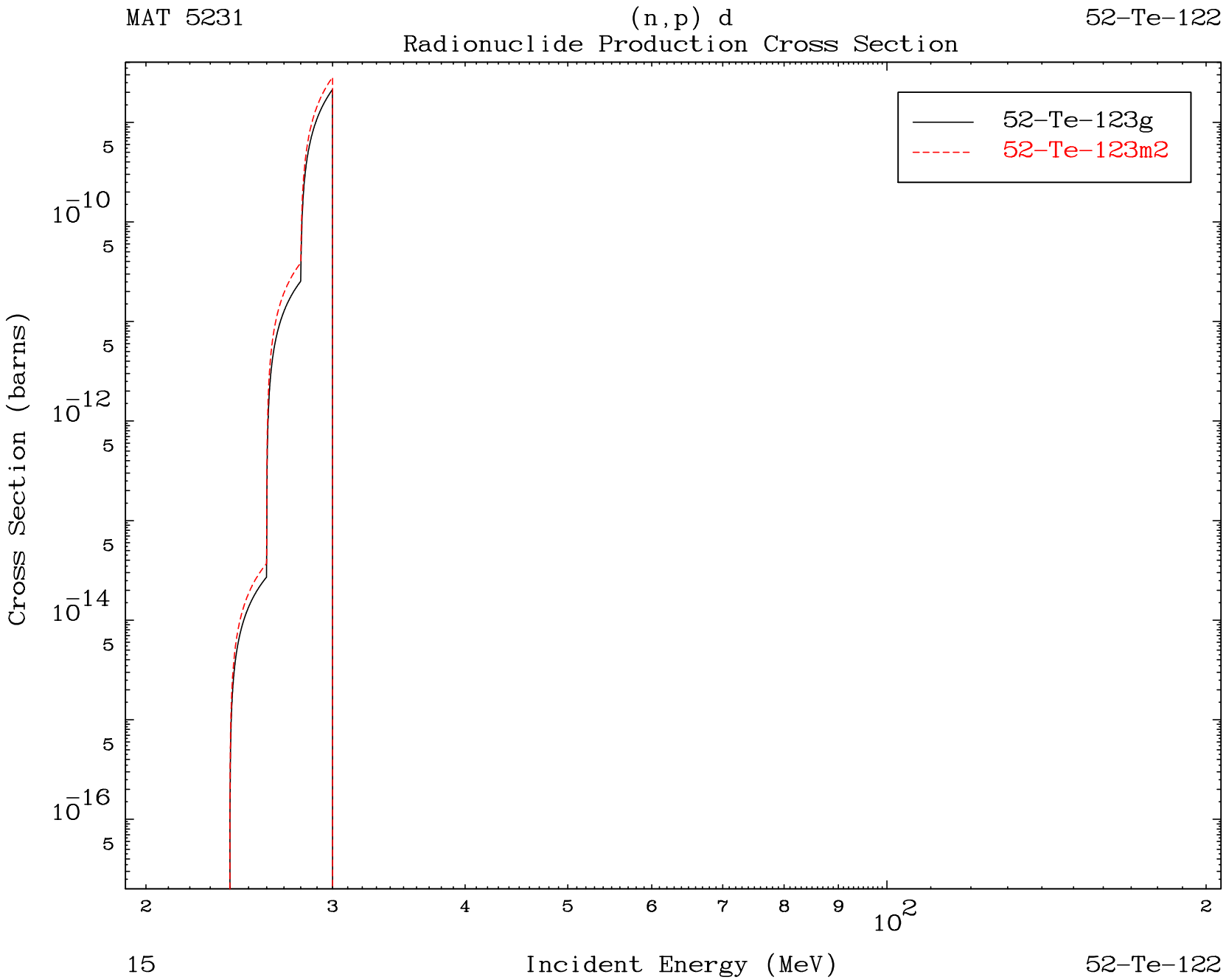

MAT 5231
(α,α) Levels
52-Te-122
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
52-Te-122


MAT 5231
Inelastic
52-Te-122
Radionuclide Production Cross Section
54-Xe-125g
54-Xe-125m2
Cross Section (barns)
Incident Energy (MeV)
11
52-Te-122


MAT 5231
(n,n') α
52-Te-122
Radionuclide Production Cross Section
52-Te-121g
52-Te-121m2
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-122


MAT 5231
(n,2n) p
52-Te-122
Radionuclide Production Cross Section
52-Te-123g
52-Te-123m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
3
4
6
7
8
9
10^2
2
13
Incident Energy (MeV)
52-Te-122


MAT 5231
(n,He-3)
52-Te-122
Radionuclide Production Cross Section
52-Te-123g
52-Te-123m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
14
52-Te-122


MAT 5231
(n,p) d
52-Te-122
Radionuclide Production Cross Section
52-Te-123g
52-Te-123m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
52-Te-122