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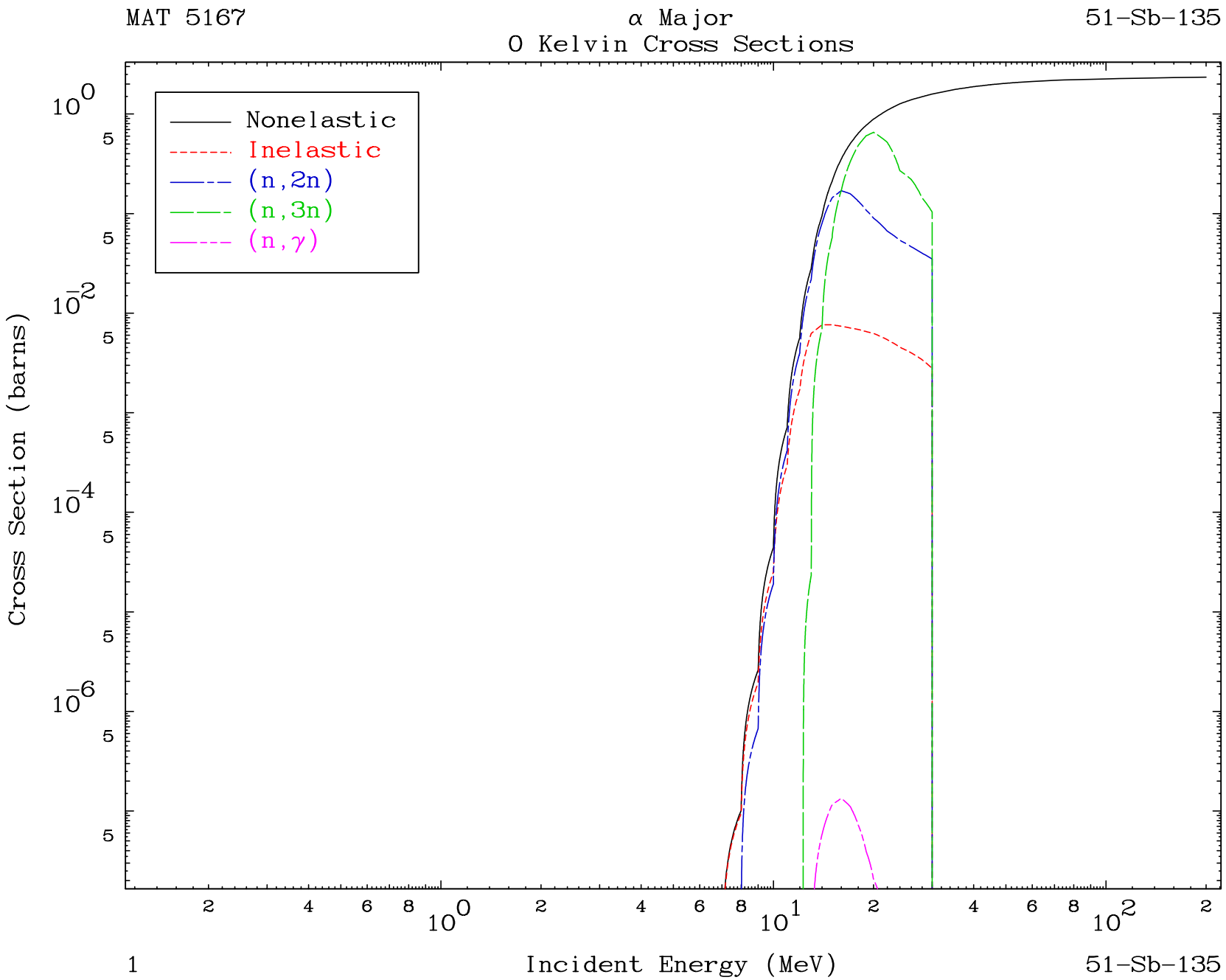
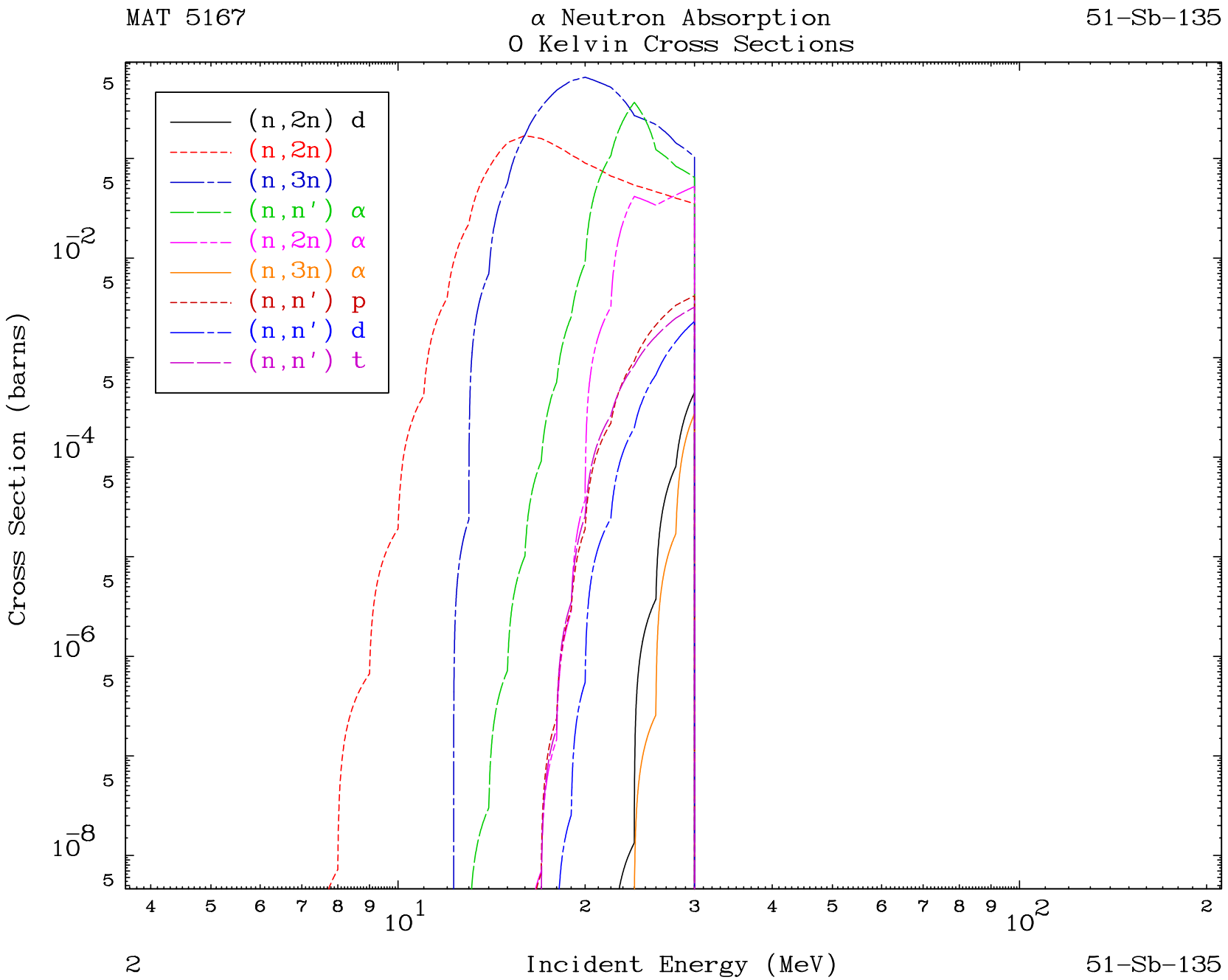
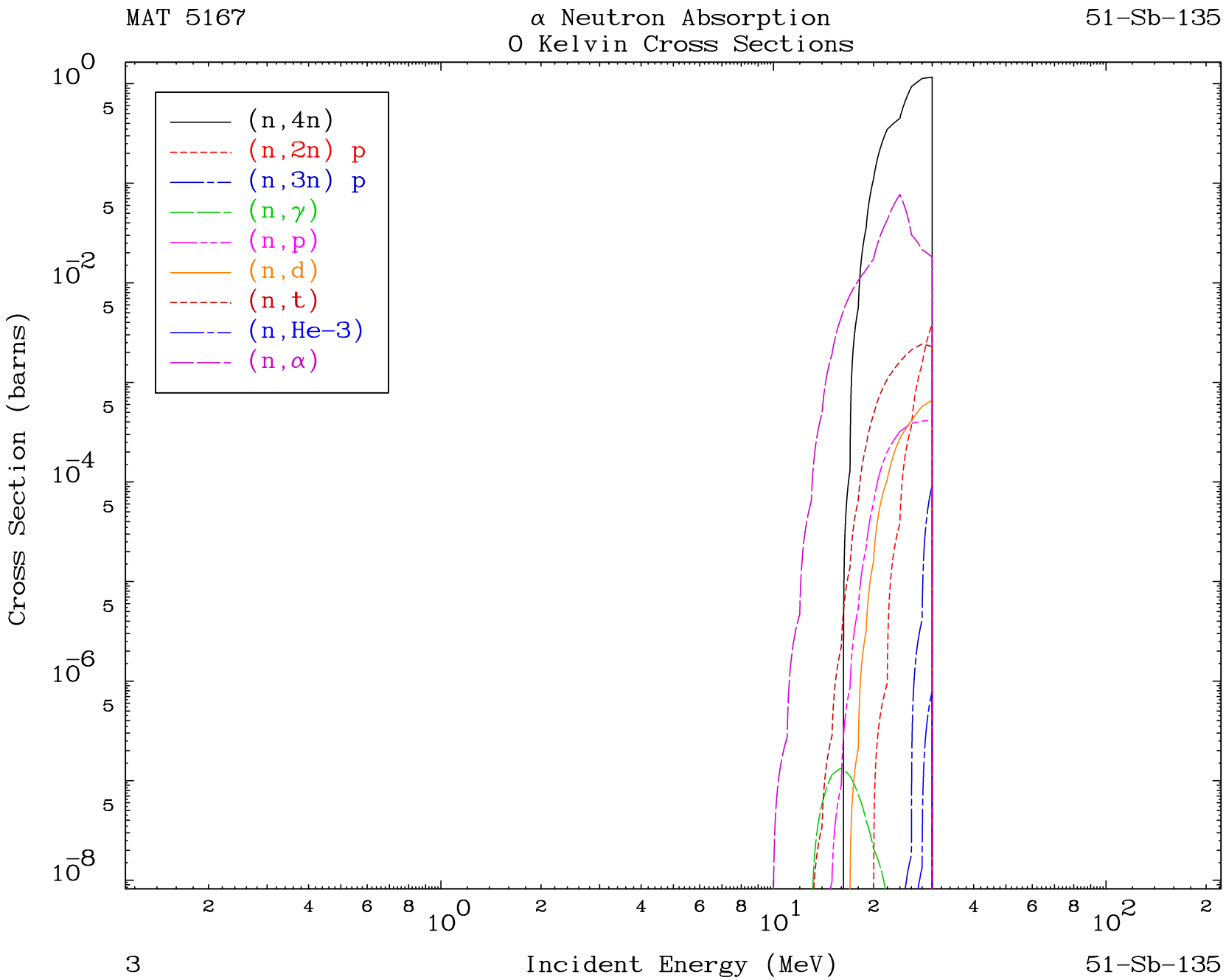
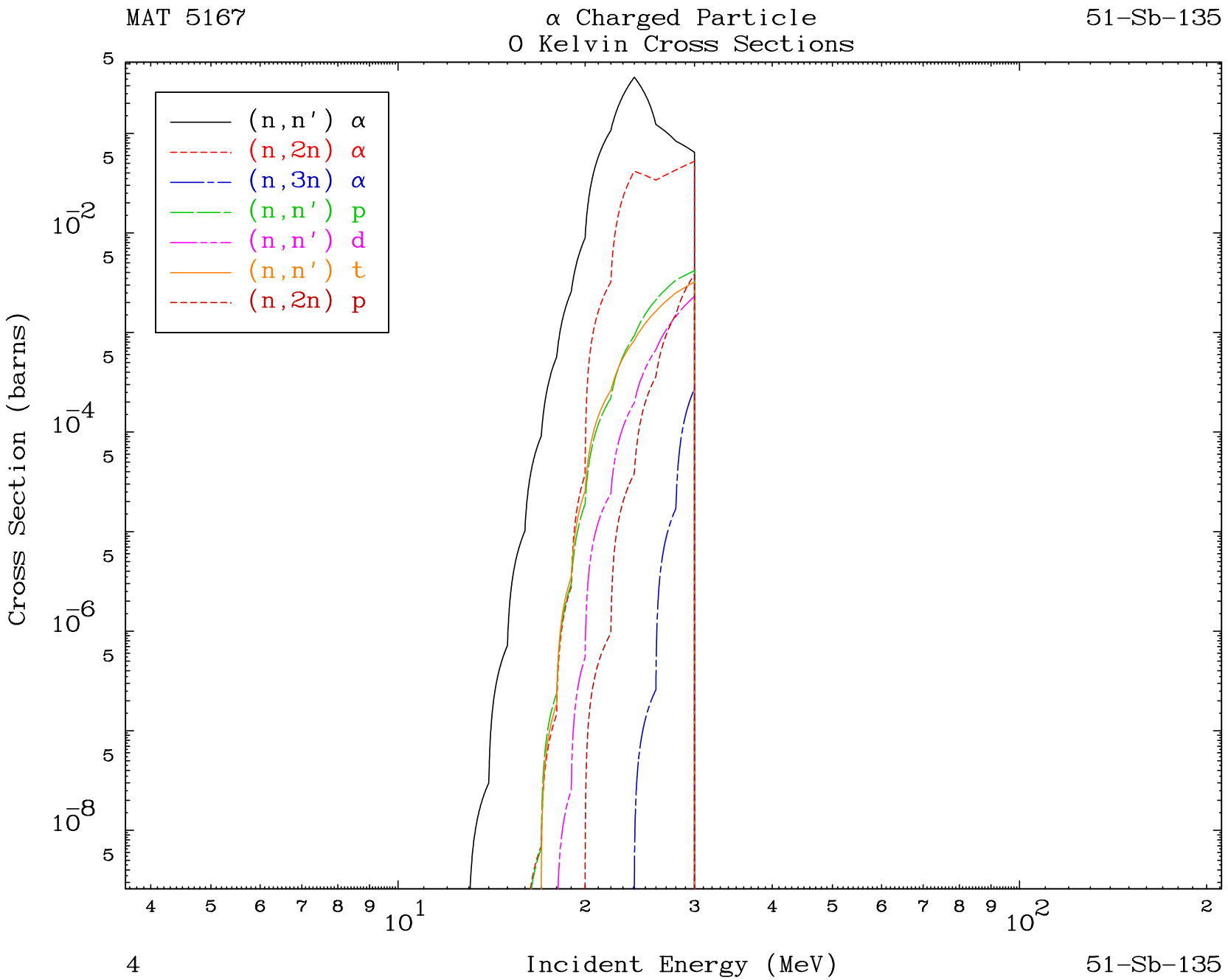
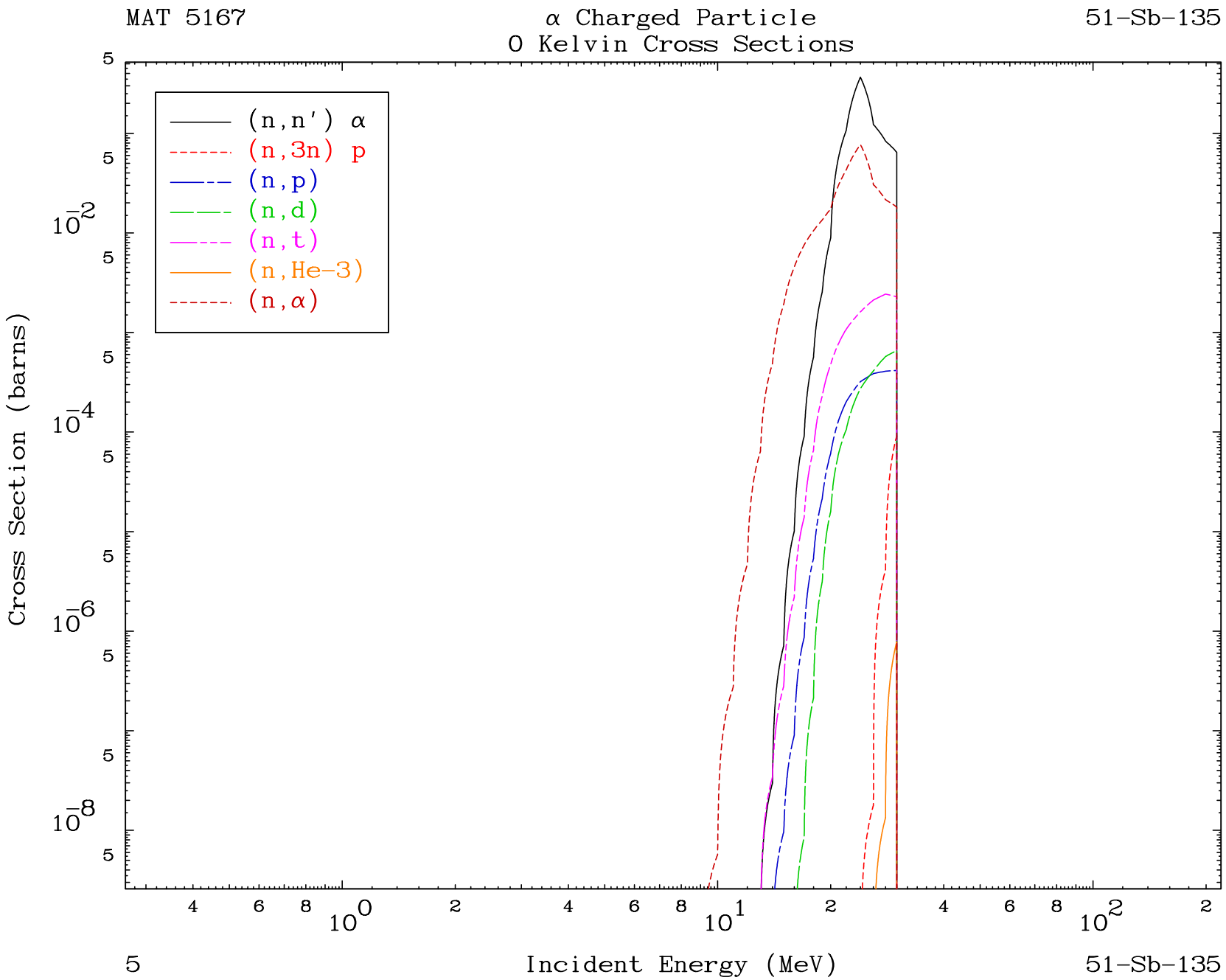
Press Mouse Button to Start

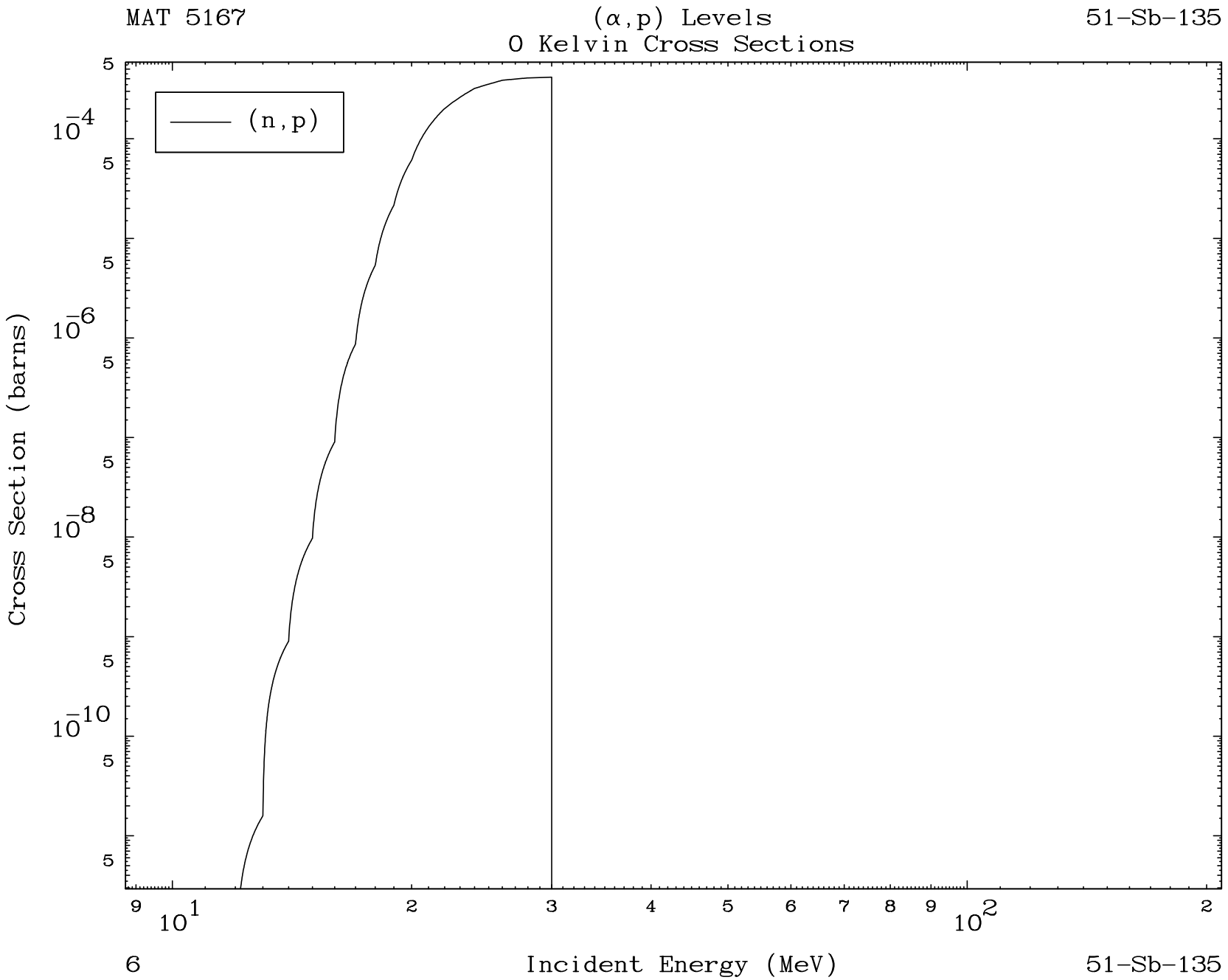

MAT 5167
α Major
51-Sb-135
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-135

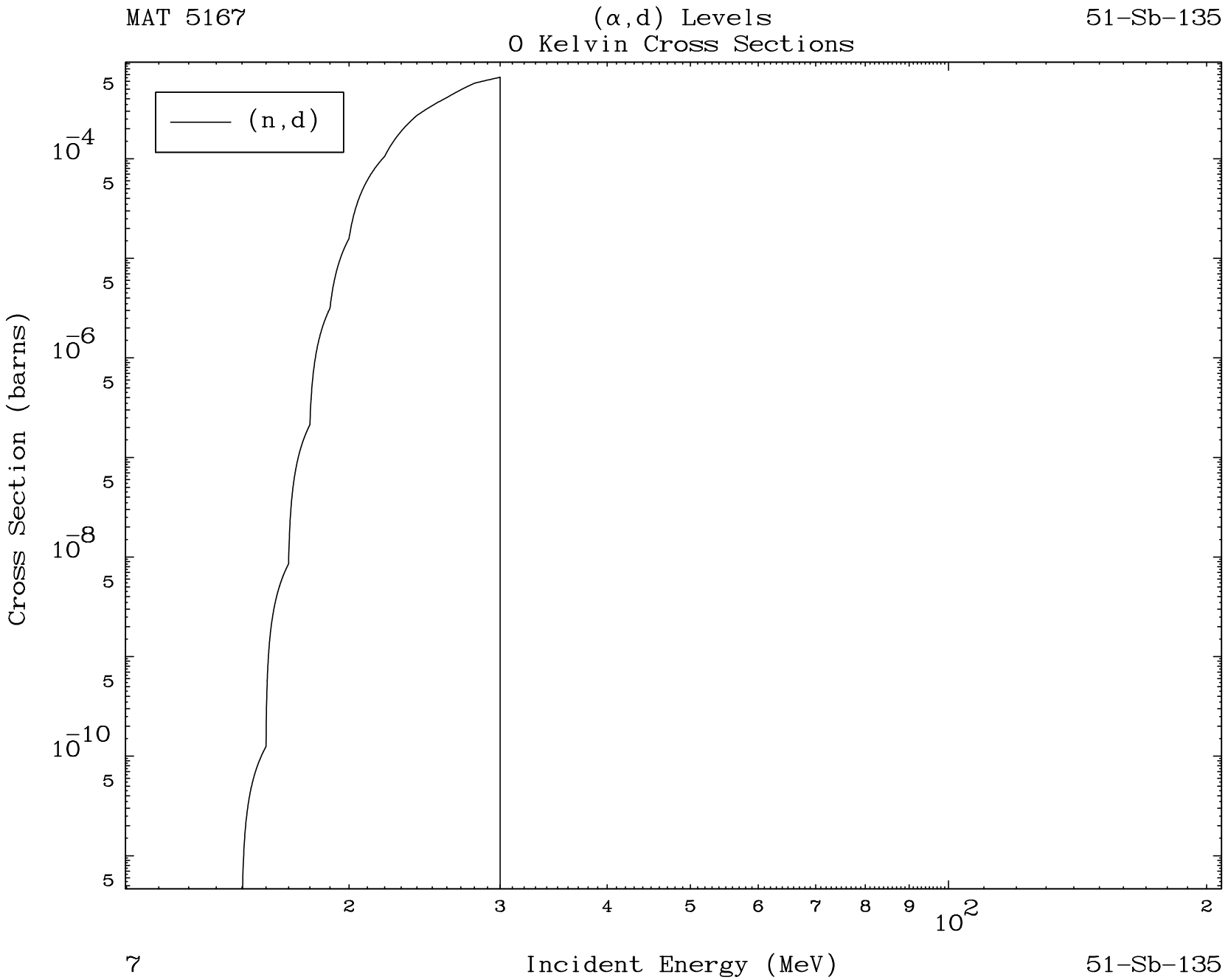

MAT 5167
α Neutron Absorption
0 Kelvin Cross Sections
51-Sb-135
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
51-Sb-135
2

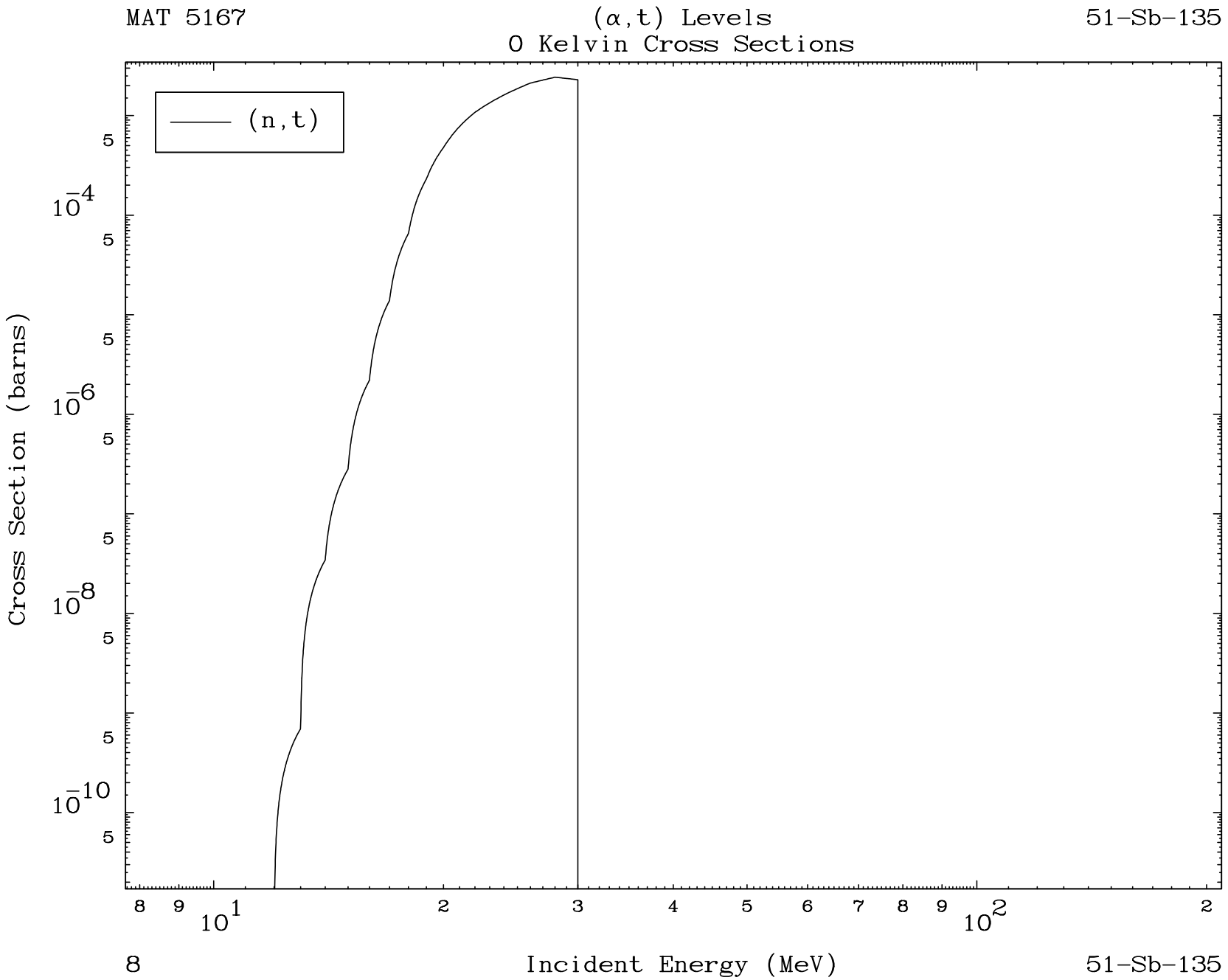

MAT 5167
α Neutron Absorption
0 Kelvin Cross Sections
51-Sb-135
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
51-Sb-135

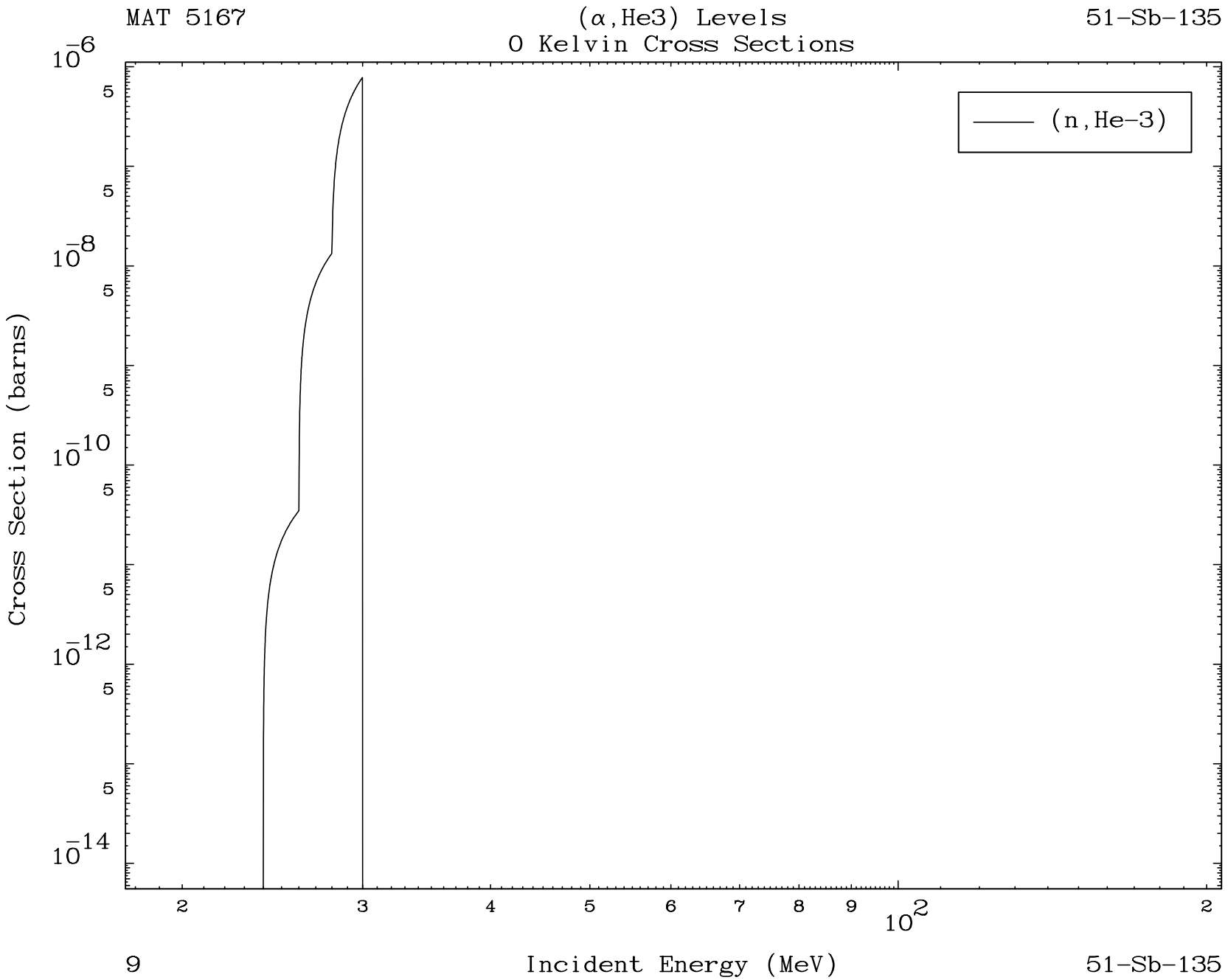

MAT 5167
α Charged Particle
0 Kelvin Cross Sections
51-Sb-135
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
51-Sb-135
4

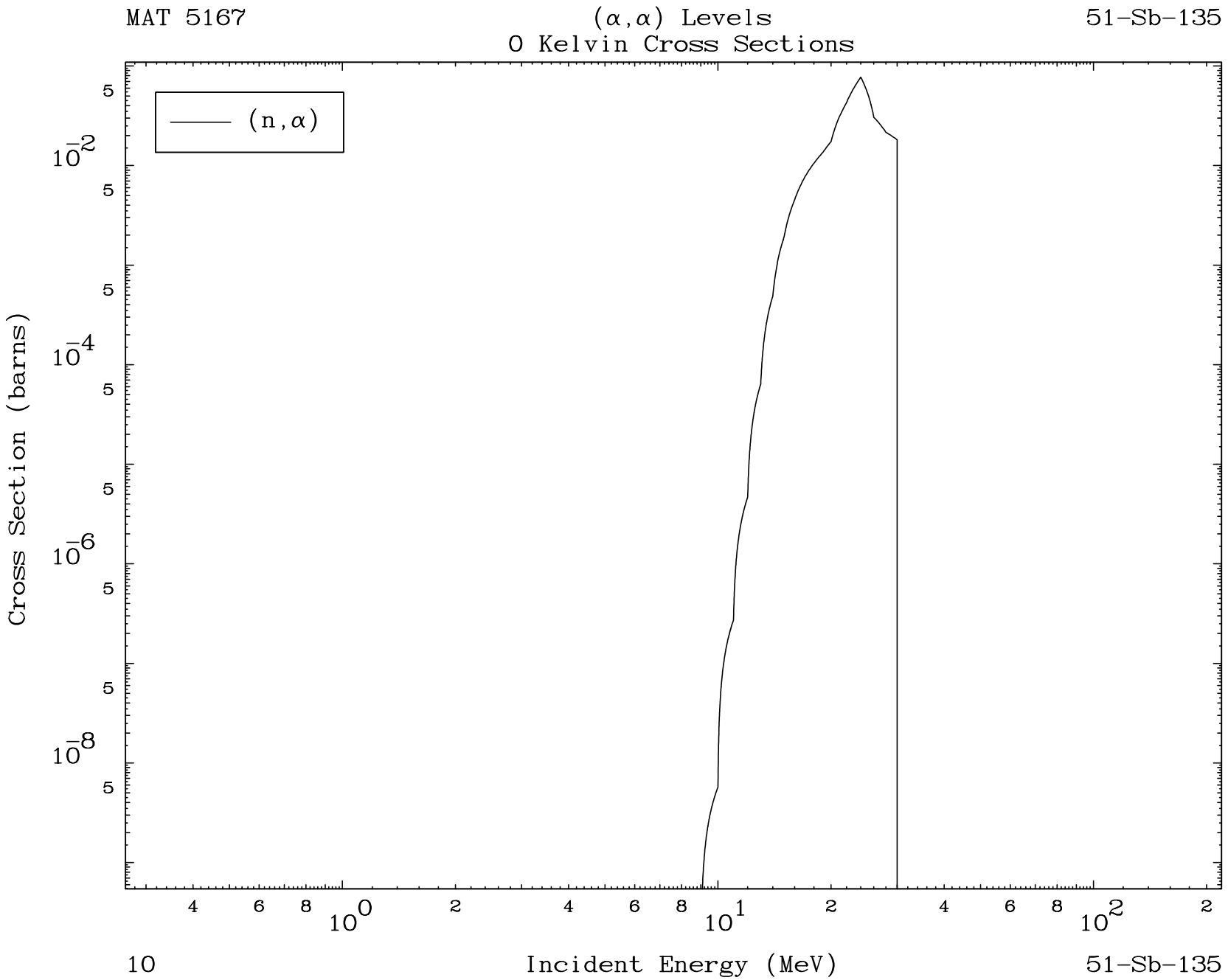

MAT 5167
α Charged Particle
0 Kelvin Cross Sections
51-Sb-135
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-135

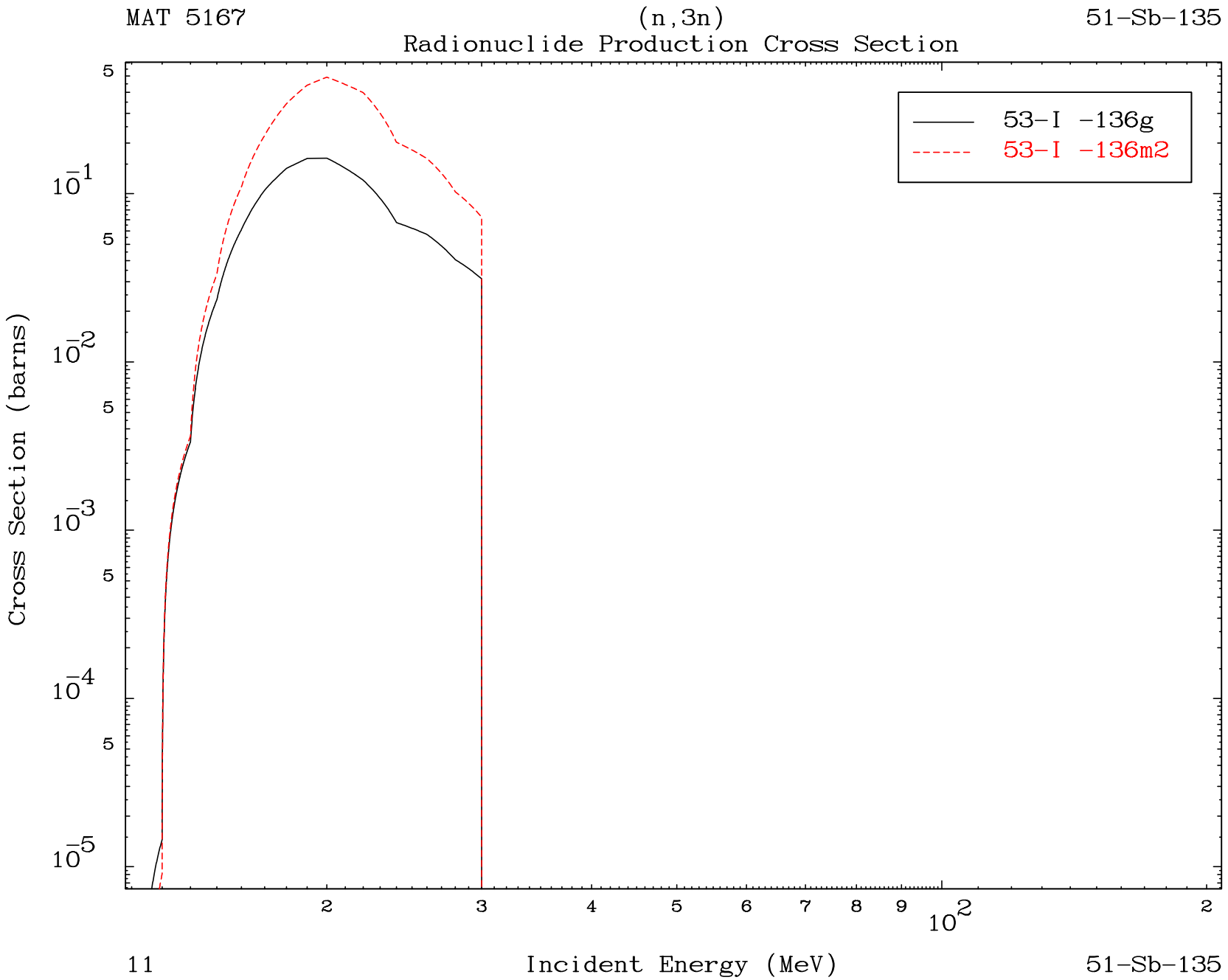

MAT 5167
(α,p) Levels
51-Sb-135
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-135
6

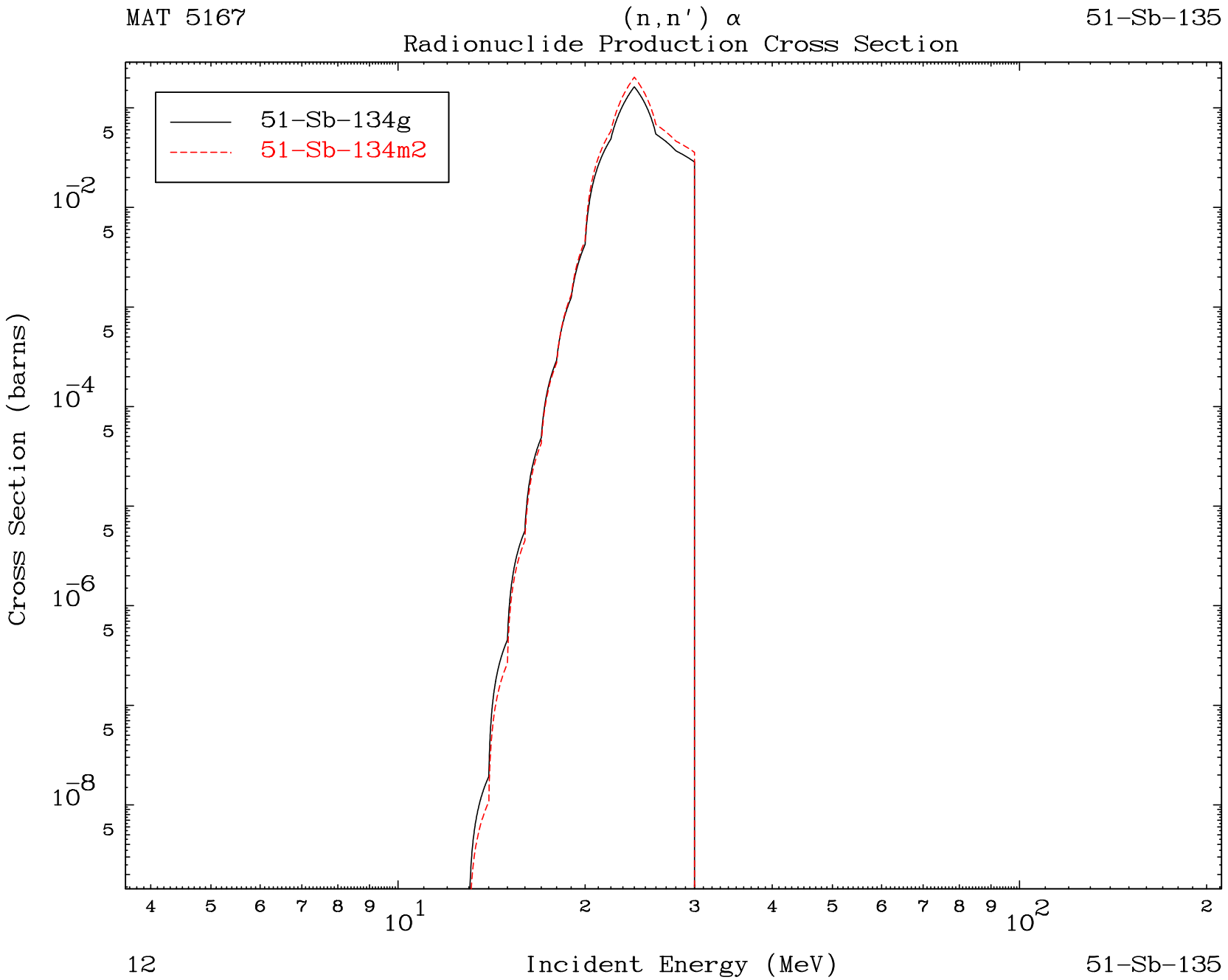

MAT 5167
(α,d) Levels
51-Sb-135
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
51-Sb-135

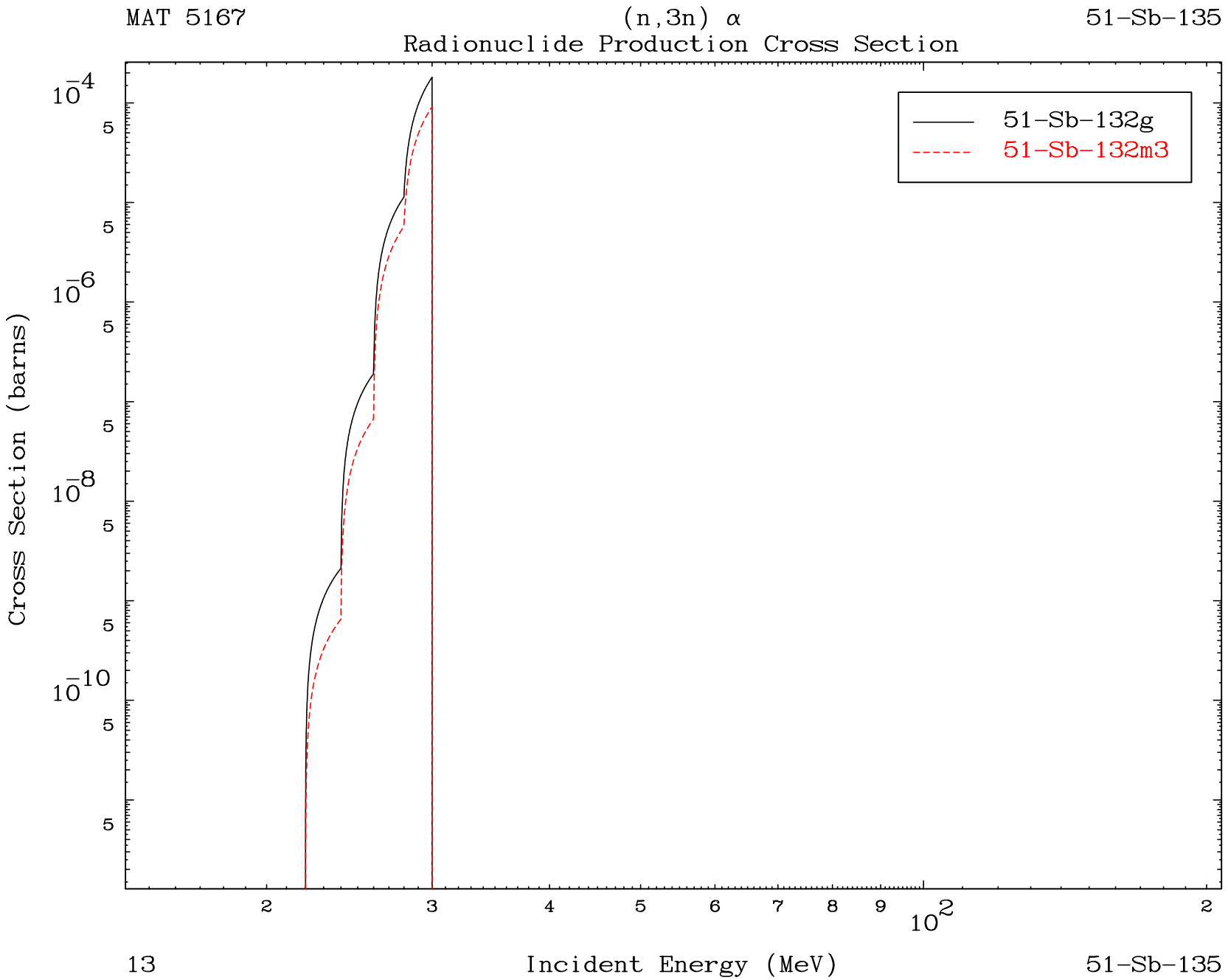

MAT 5167
(α,t) Levels
51-Sb-135
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
51-Sb-135


MAT 5167
(α,He3) Levels
51-Sb-135
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
51-Sb-135


MAT 5167
(α,α) Levels
51-Sb-135
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
51-Sb-135


MAT 5167
(n,3n)
51-Sb-135
Radionuclide Production Cross Section
53-I -136g
53-I -136m2
Cross Section (barns)
Incident Energy (MeV)
11
51-Sb-135


MAT 5167
(n,n') α
51-Sb-135
Radionuclide Production Cross Section
51-Sb-134g
51-Sb-134m2
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
12
Incident Energy (MeV)
51-Sb-135


MAT 5167
(n,3n) α
51-Sb-135
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
51-Sb-135