Program EVALPLOT
(Version 2018-1)
by
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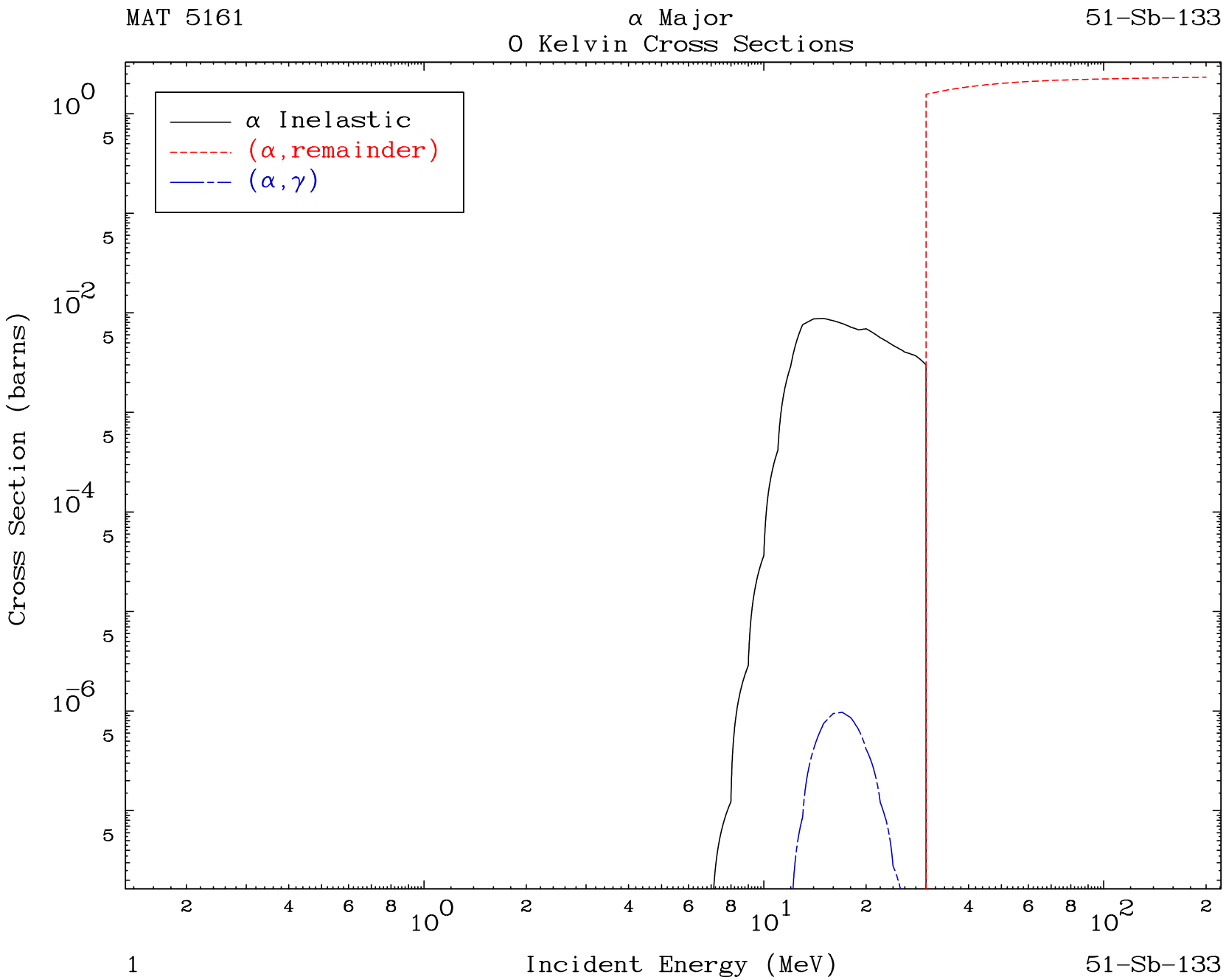
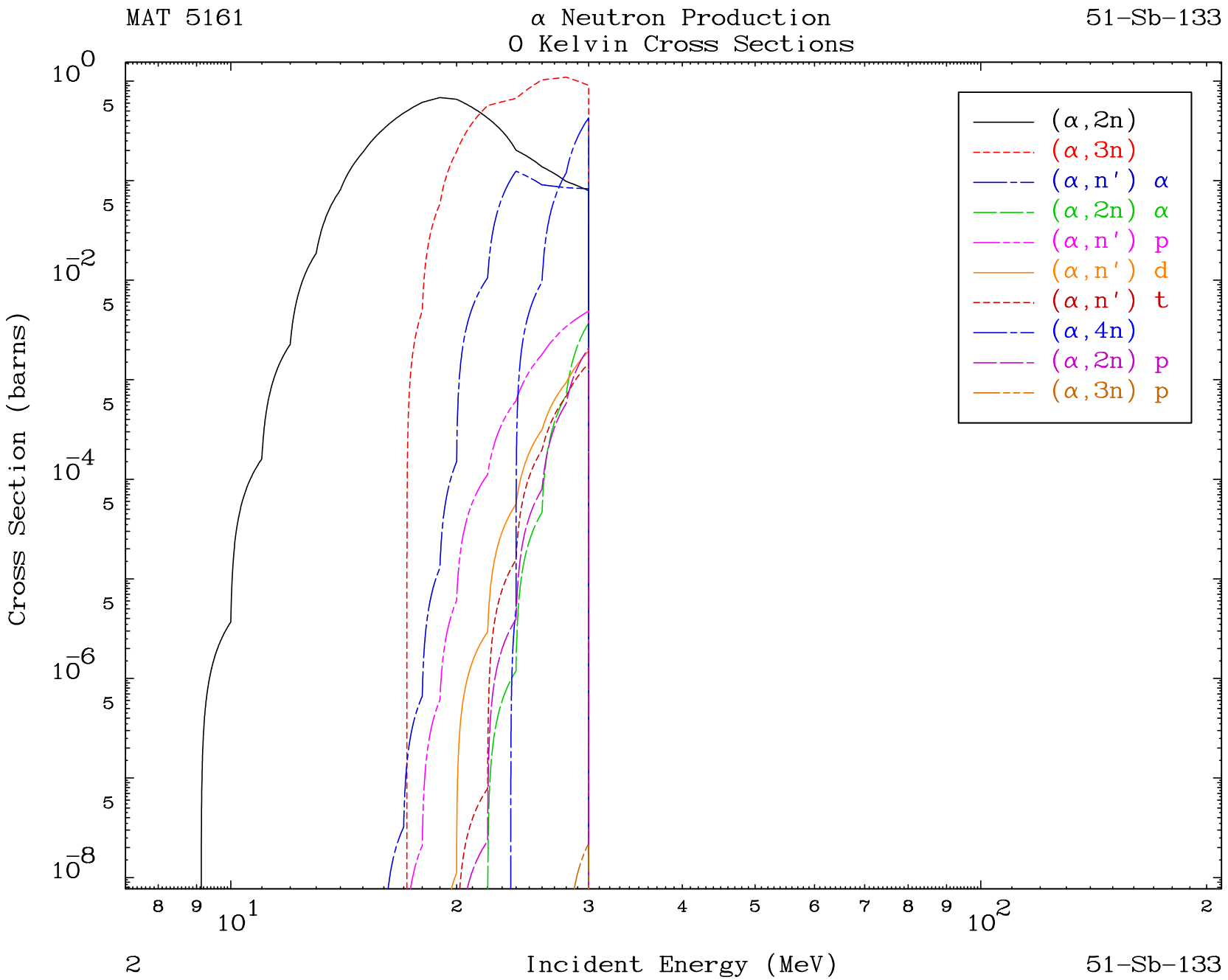
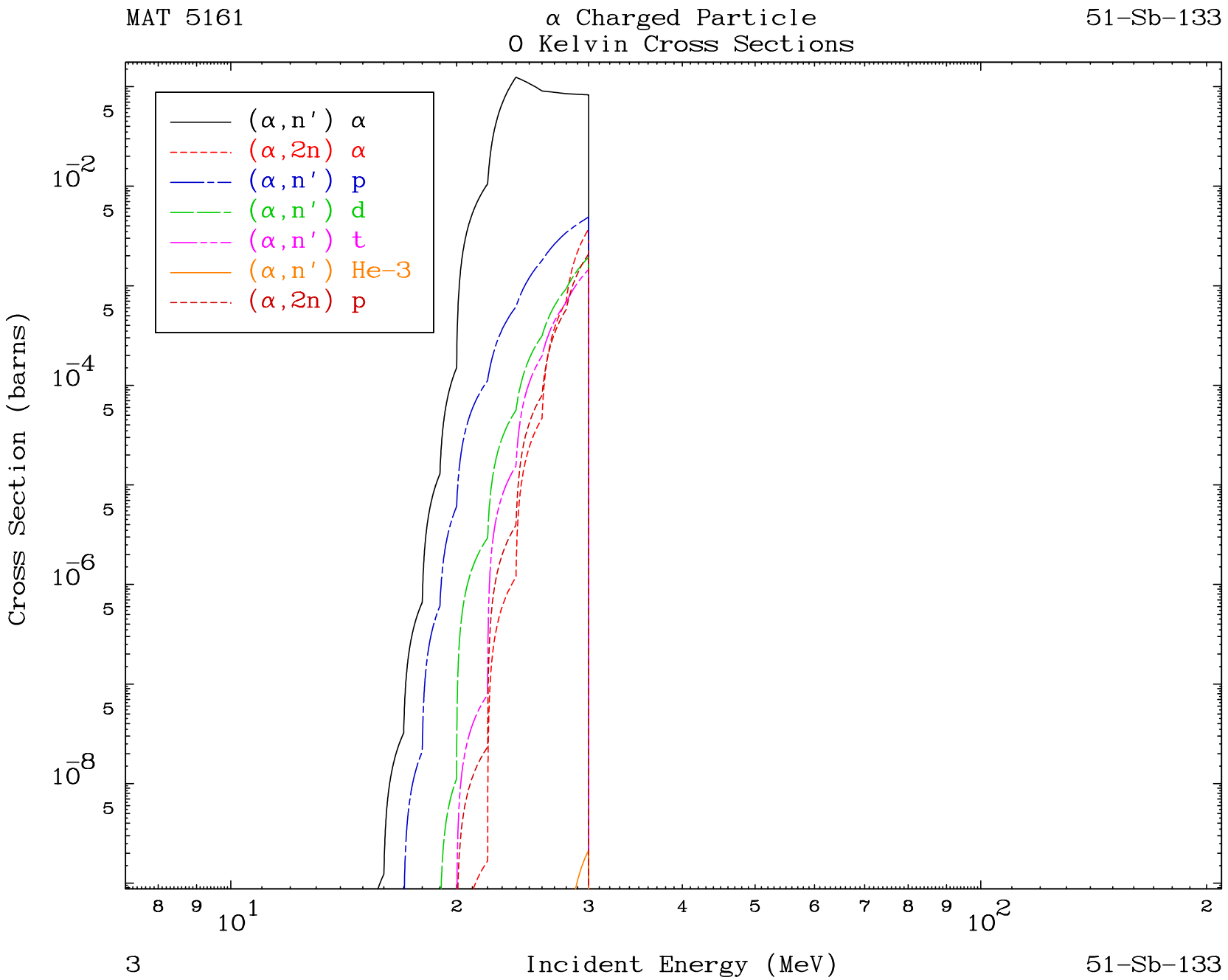
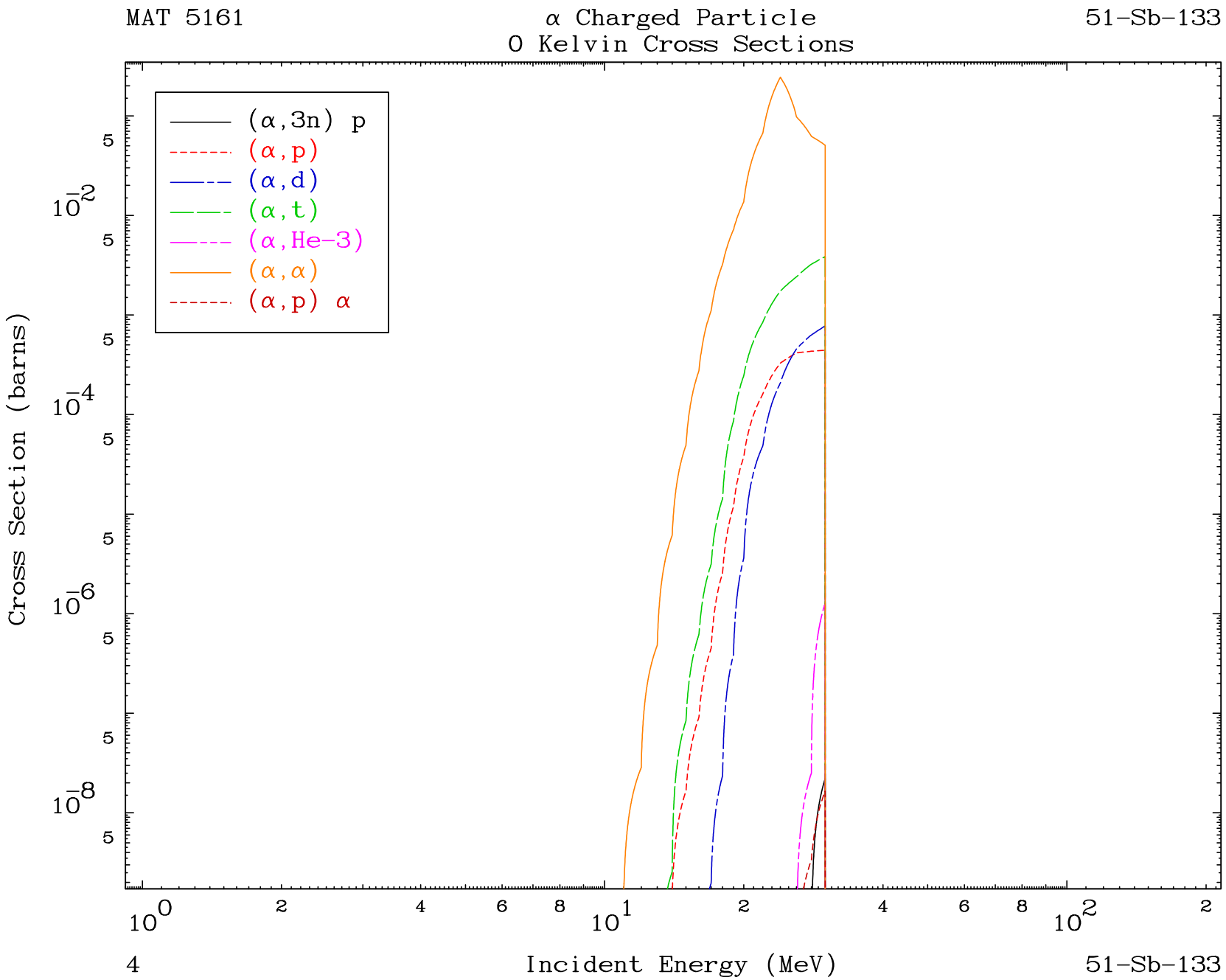
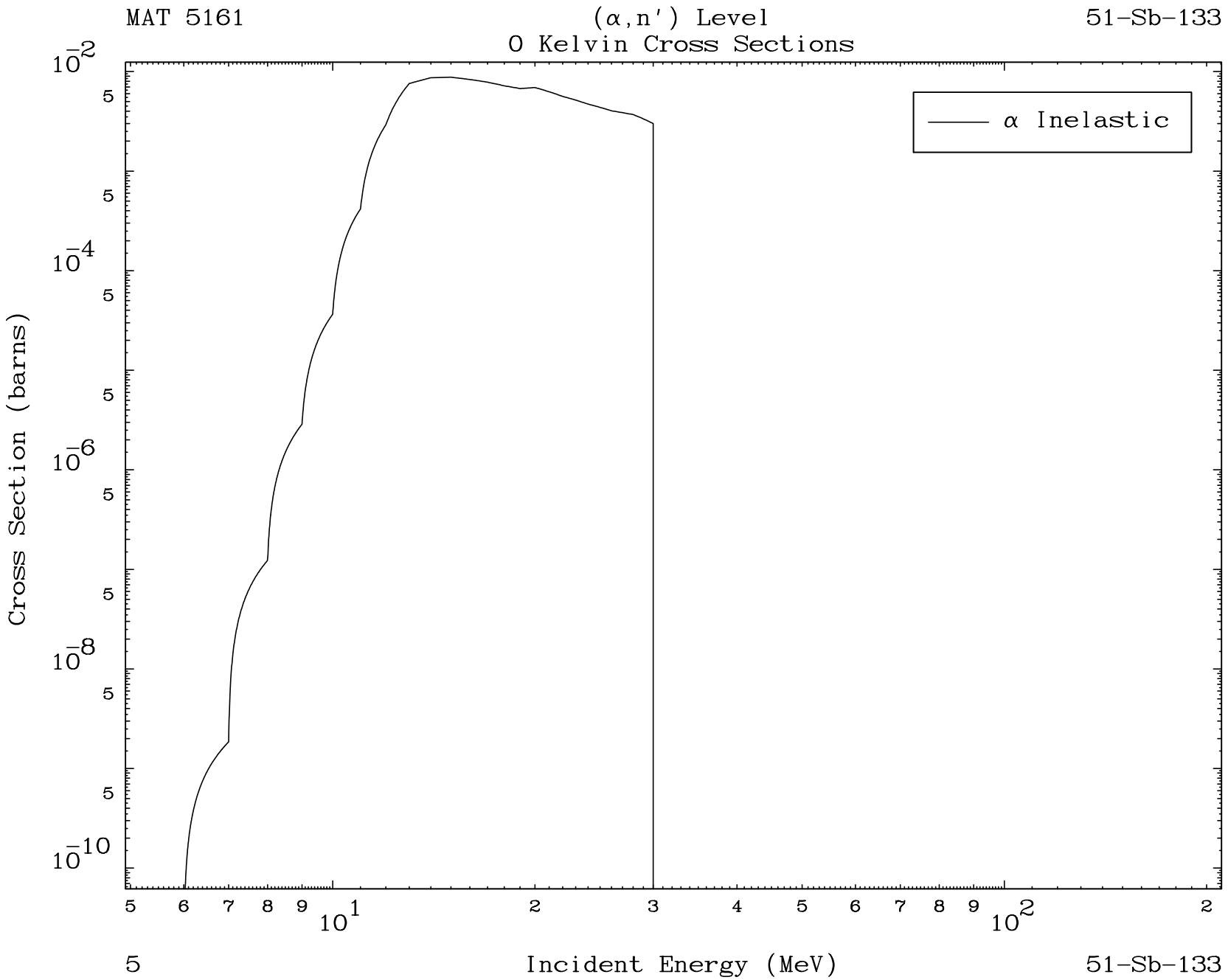
Press Mouse Button to Start

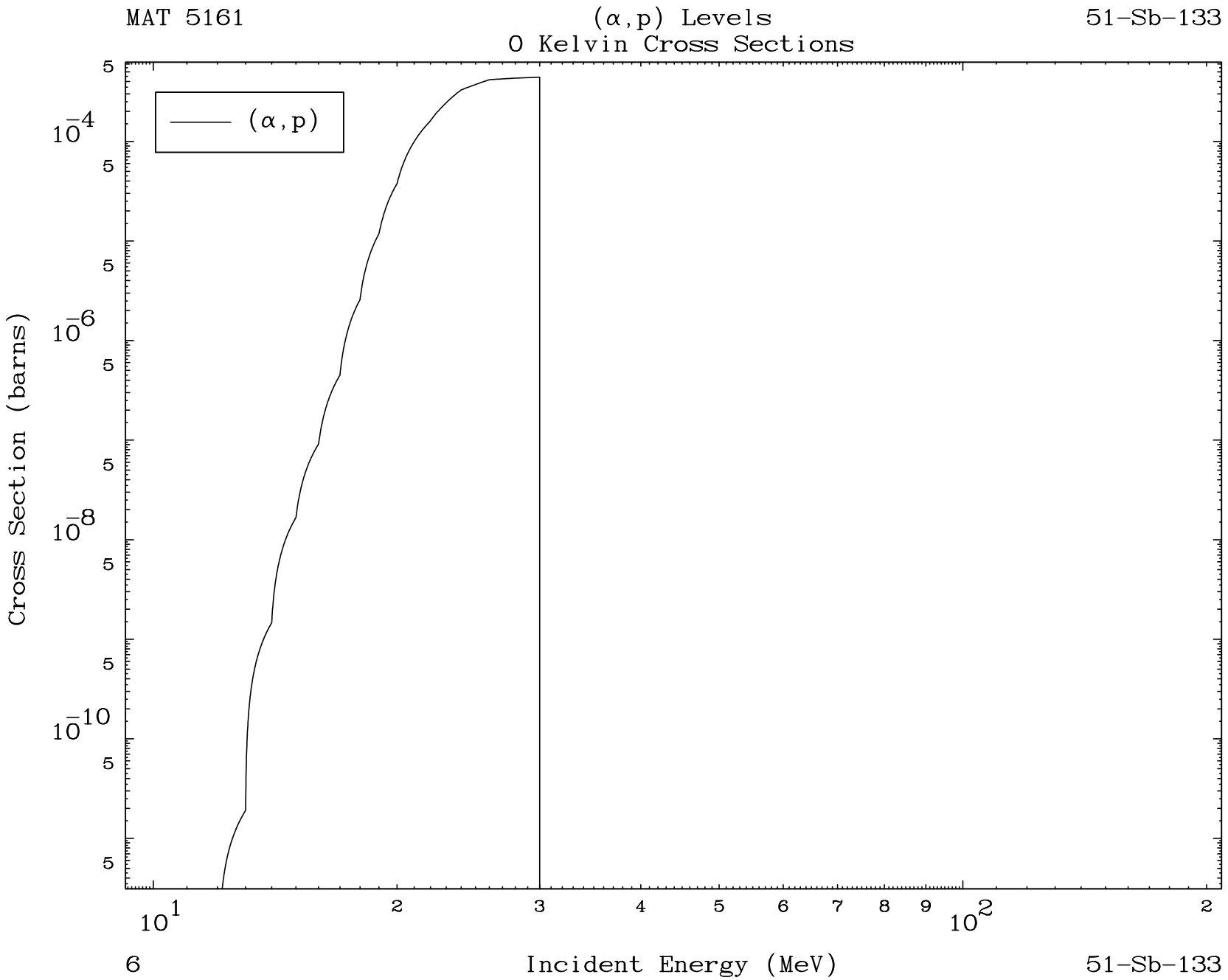

MAT 5161
α Major
51-Sb-133
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-133

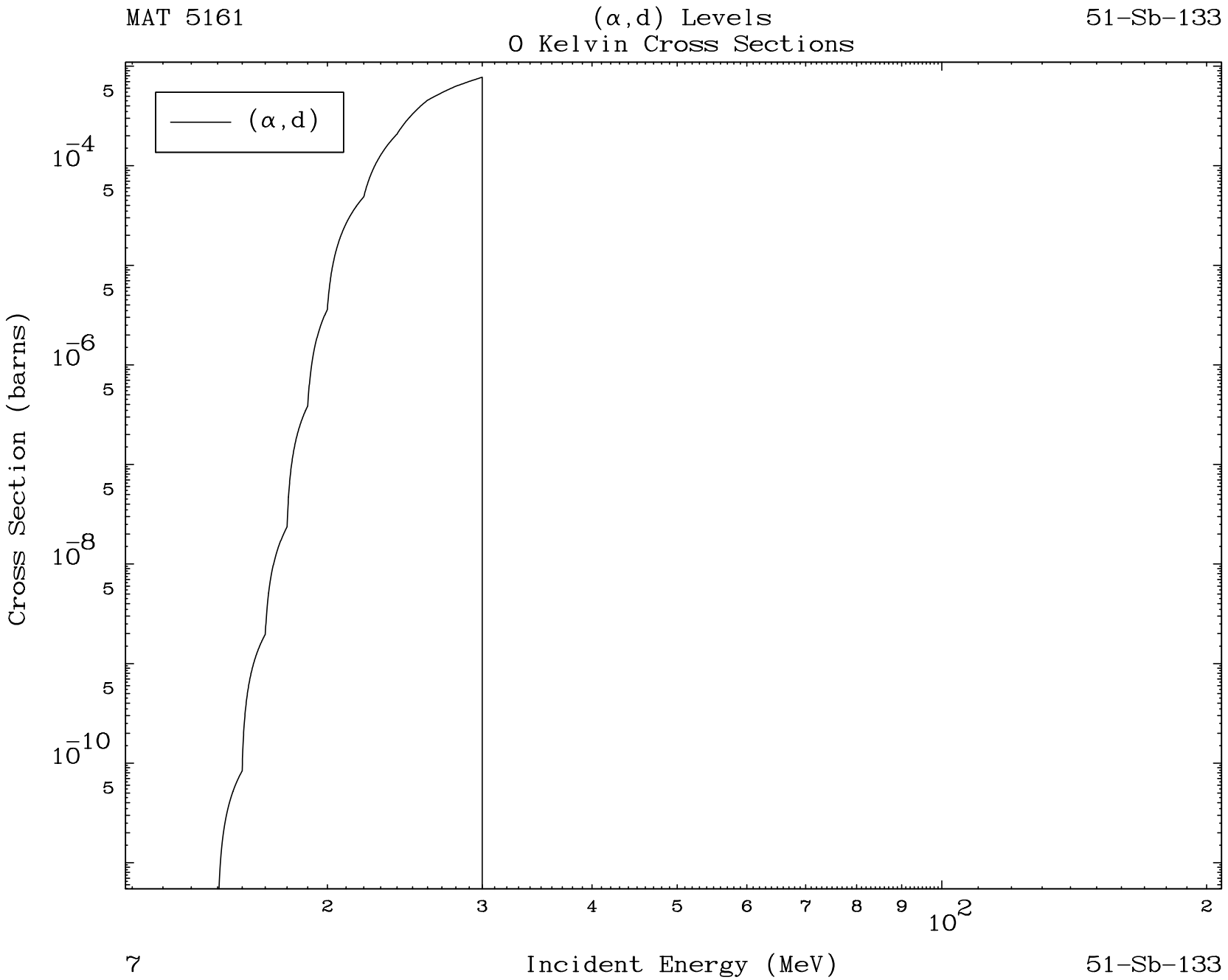

MAT 5161
α Neutron Production
0 Kelvin Cross Sections
51-Sb-133
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,4n)
(α,2n) p
(α,3n) p

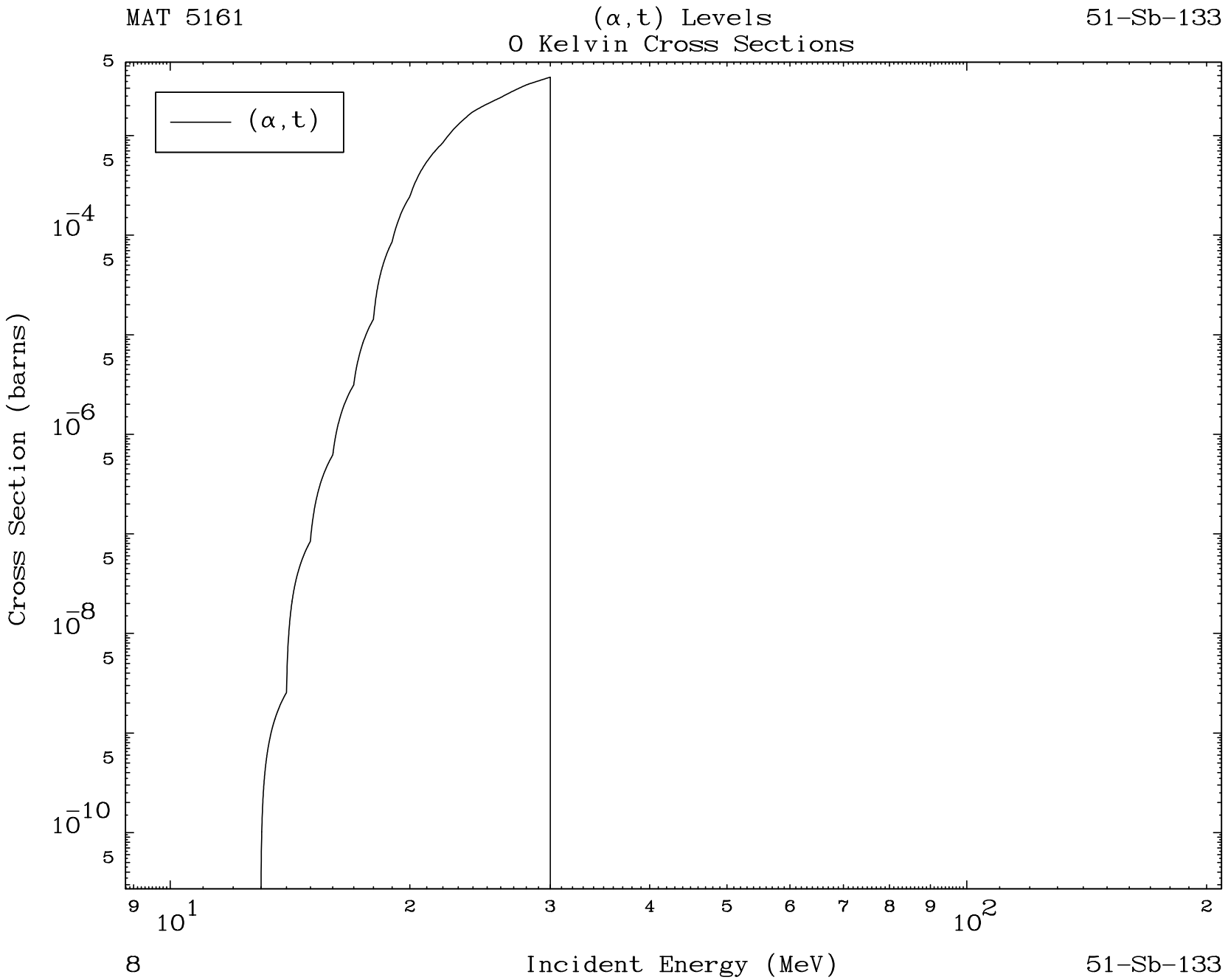

MAT 5161
α Charged Particle
0 Kelvin Cross Sections
51-Sb-133
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
3
51-Sb-133

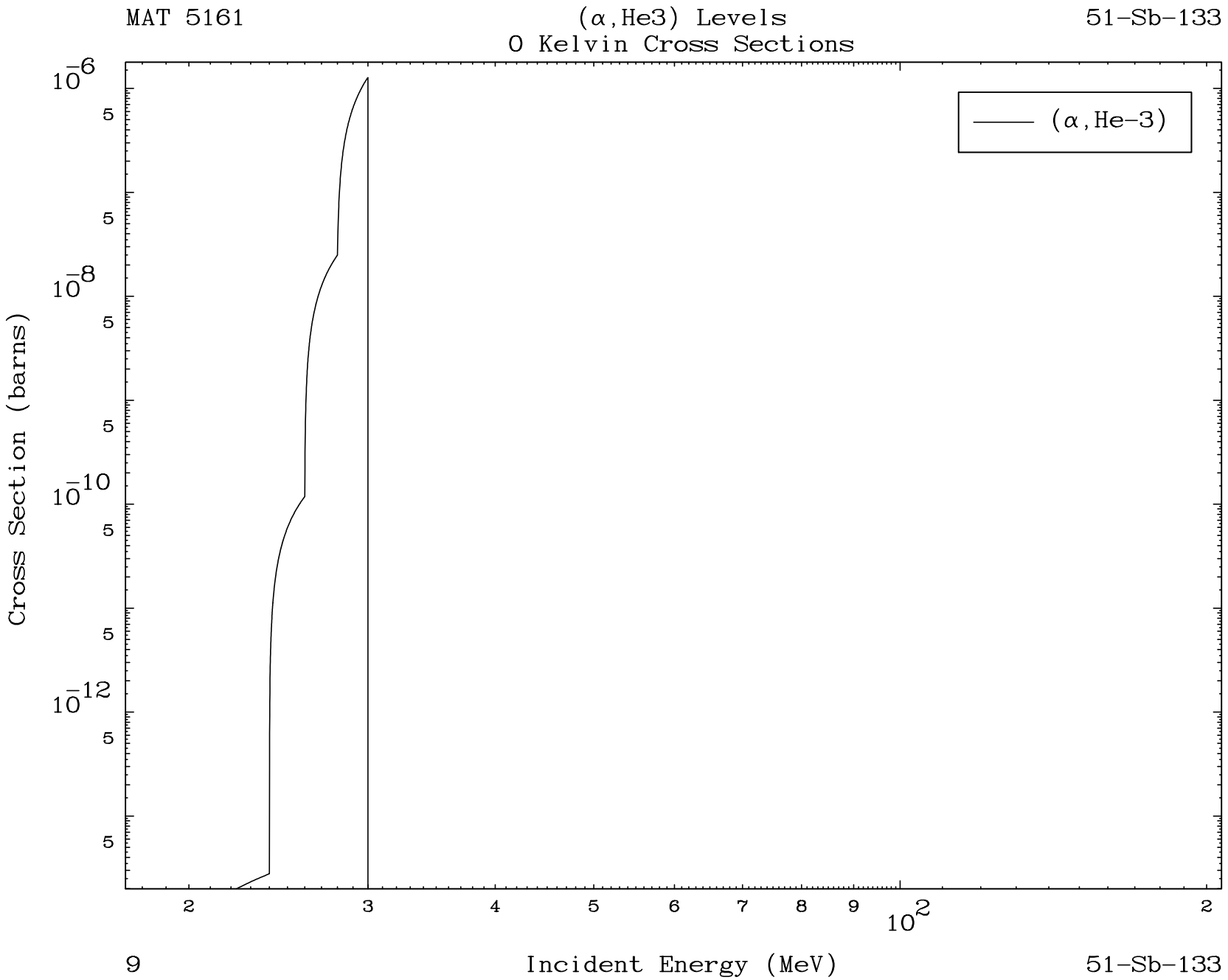

MAT 5161
α Charged Particle
0 Kelvin Cross Sections
51-Sb-133
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
51-Sb-133
4

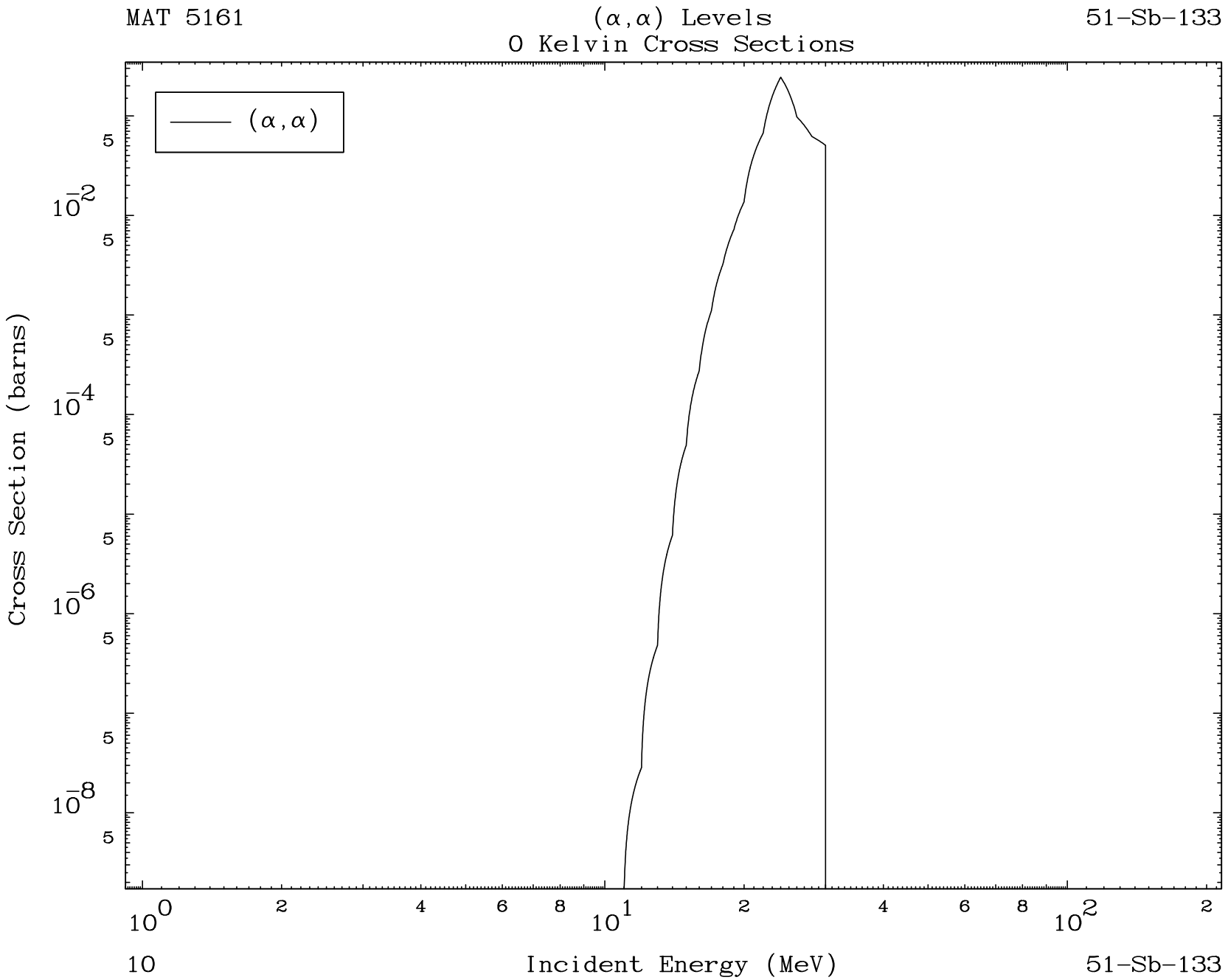

MAT 5161
(α,n') Level
51-Sb-133
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
51-Sb-133

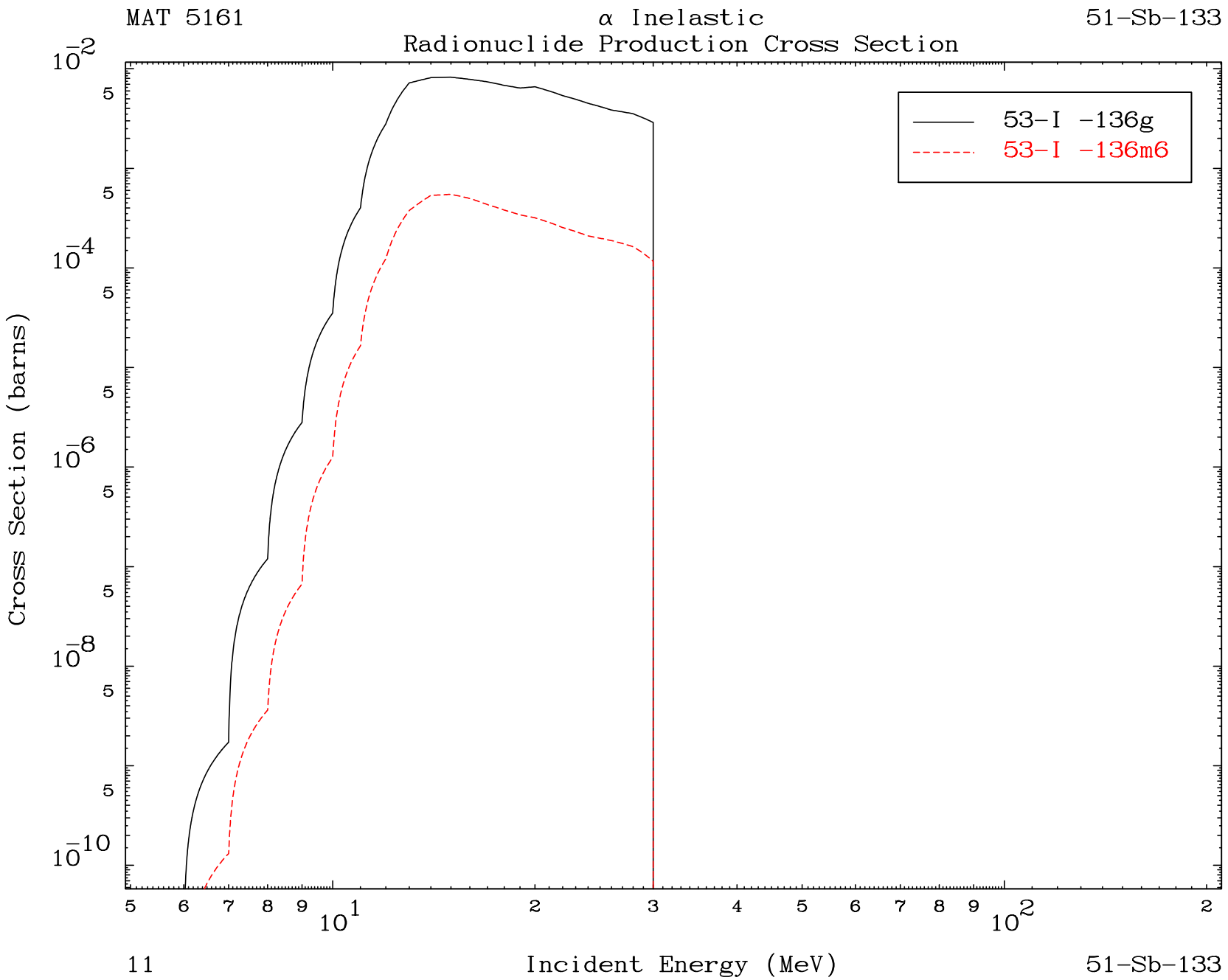

MAT 5161
(α,p) Levels
51-Sb-133
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
6
51-Sb-133

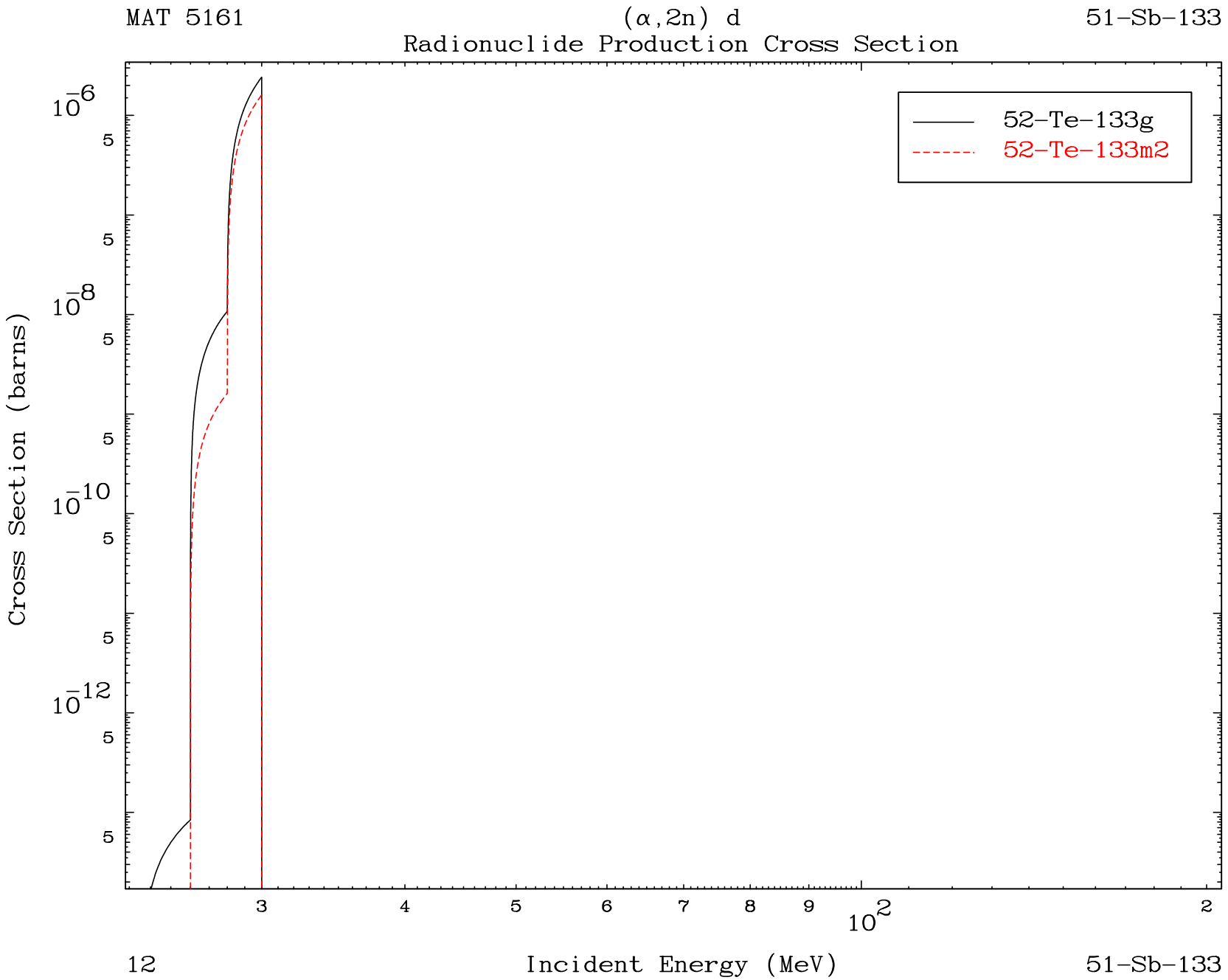

MAT 5161
(α,d) Levels
51-Sb-133
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
51-Sb-133

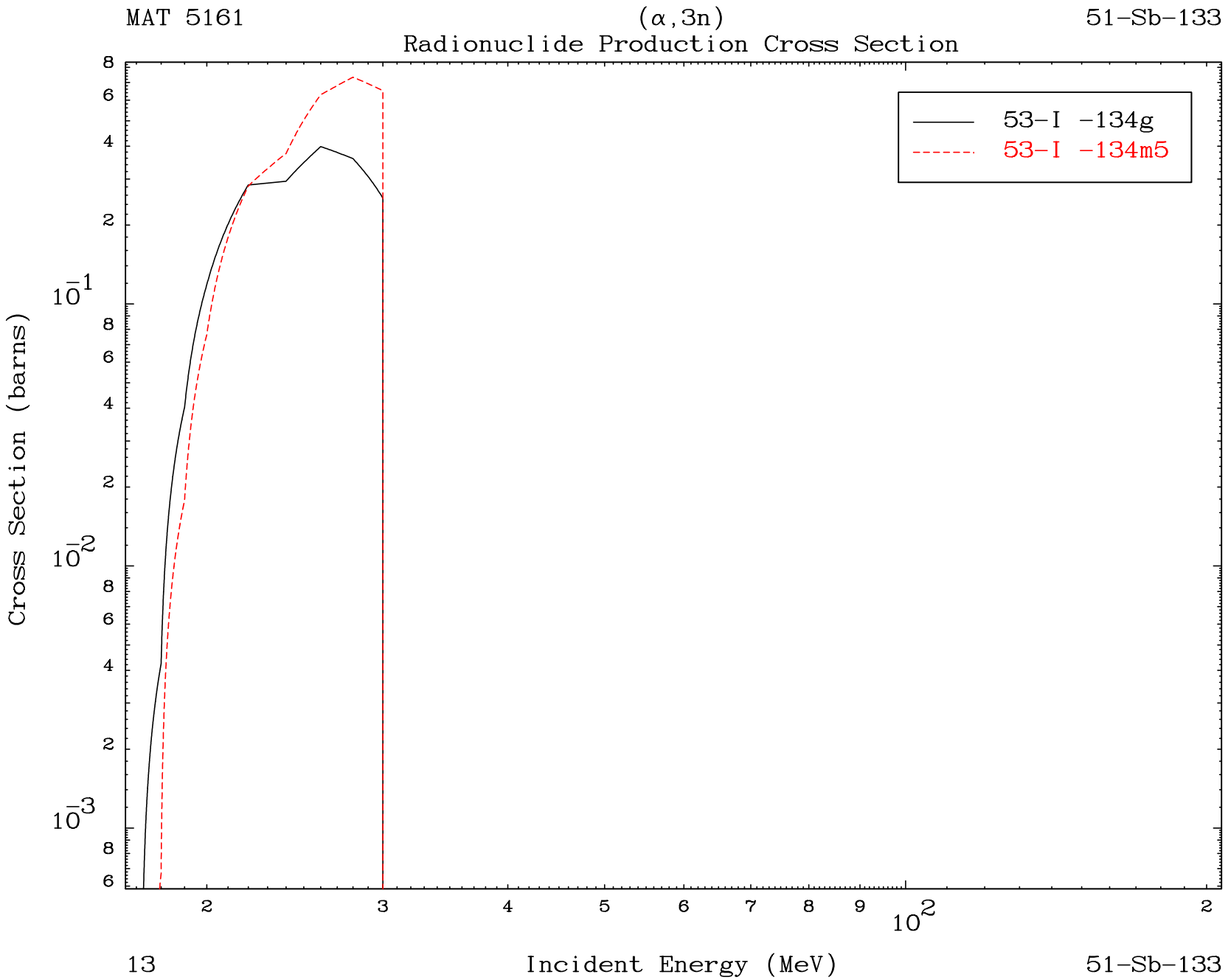

MAT 5161
(α,t) Levels
51-Sb-133
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-133
8

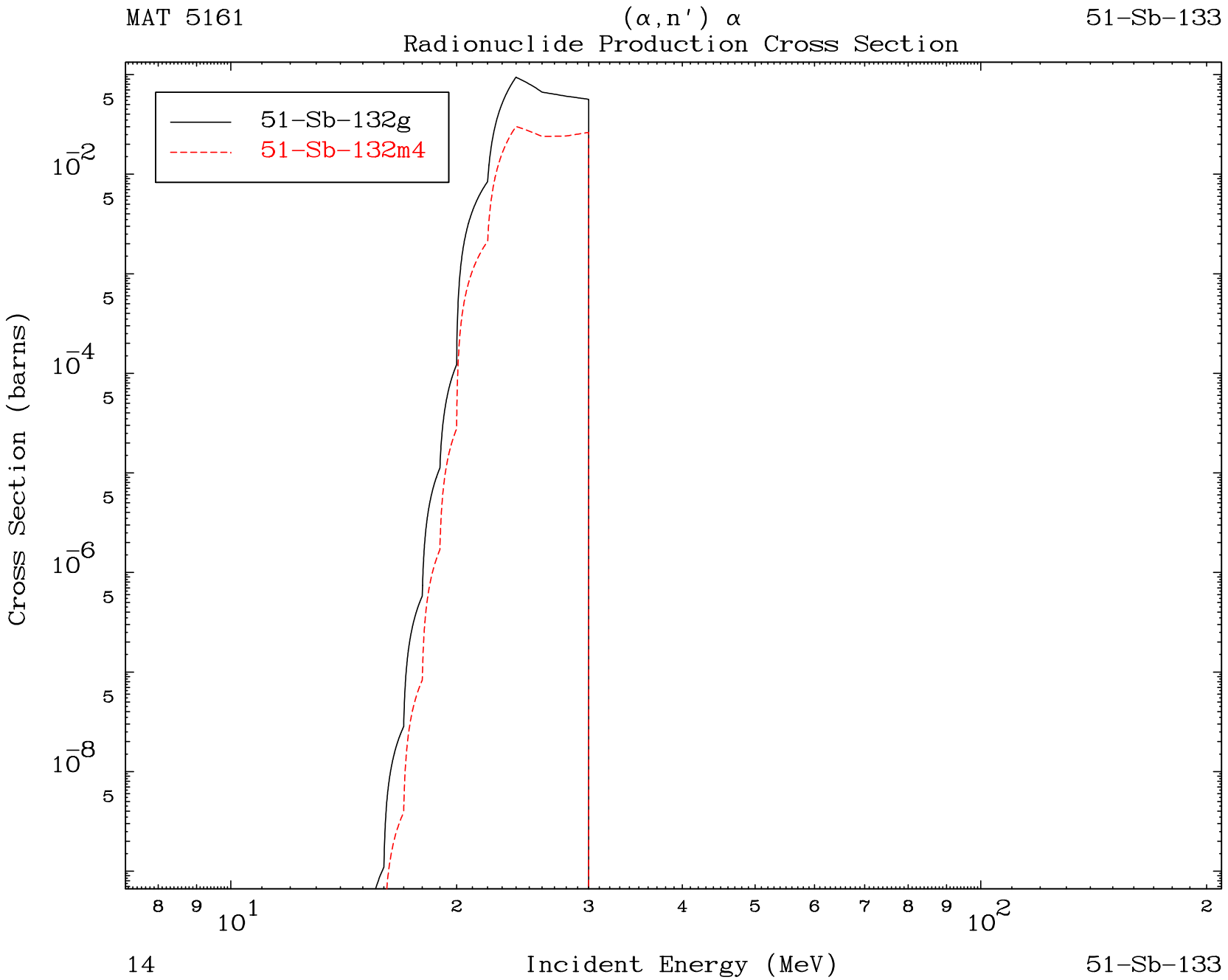

MAT 5161
(α,He3) Levels
51-Sb-133
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-6
5
10-8
5
10-10
5
10-12
5
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
51-Sb-133

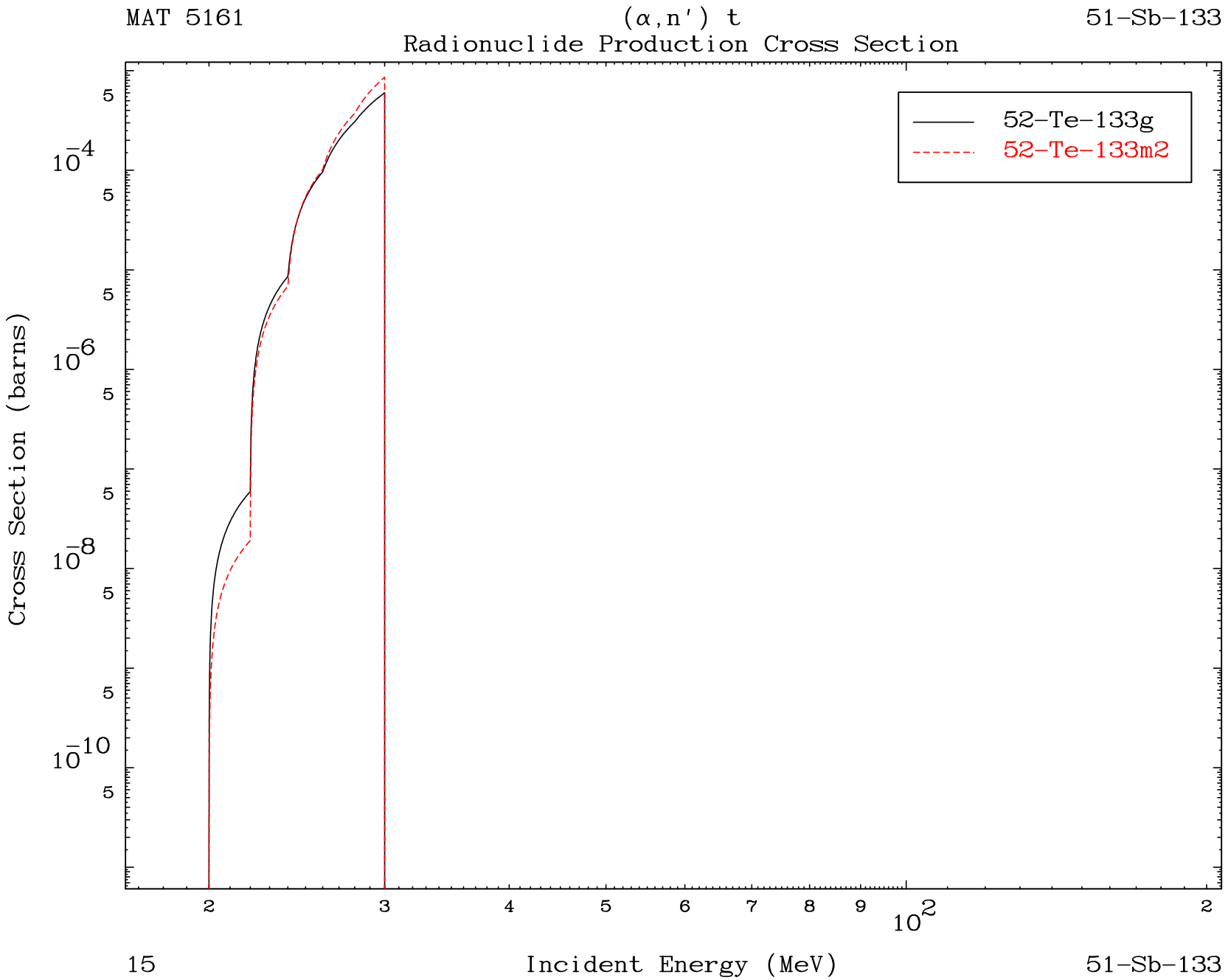

MAT 5161
(α,α) Levels
51-Sb-133
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-133

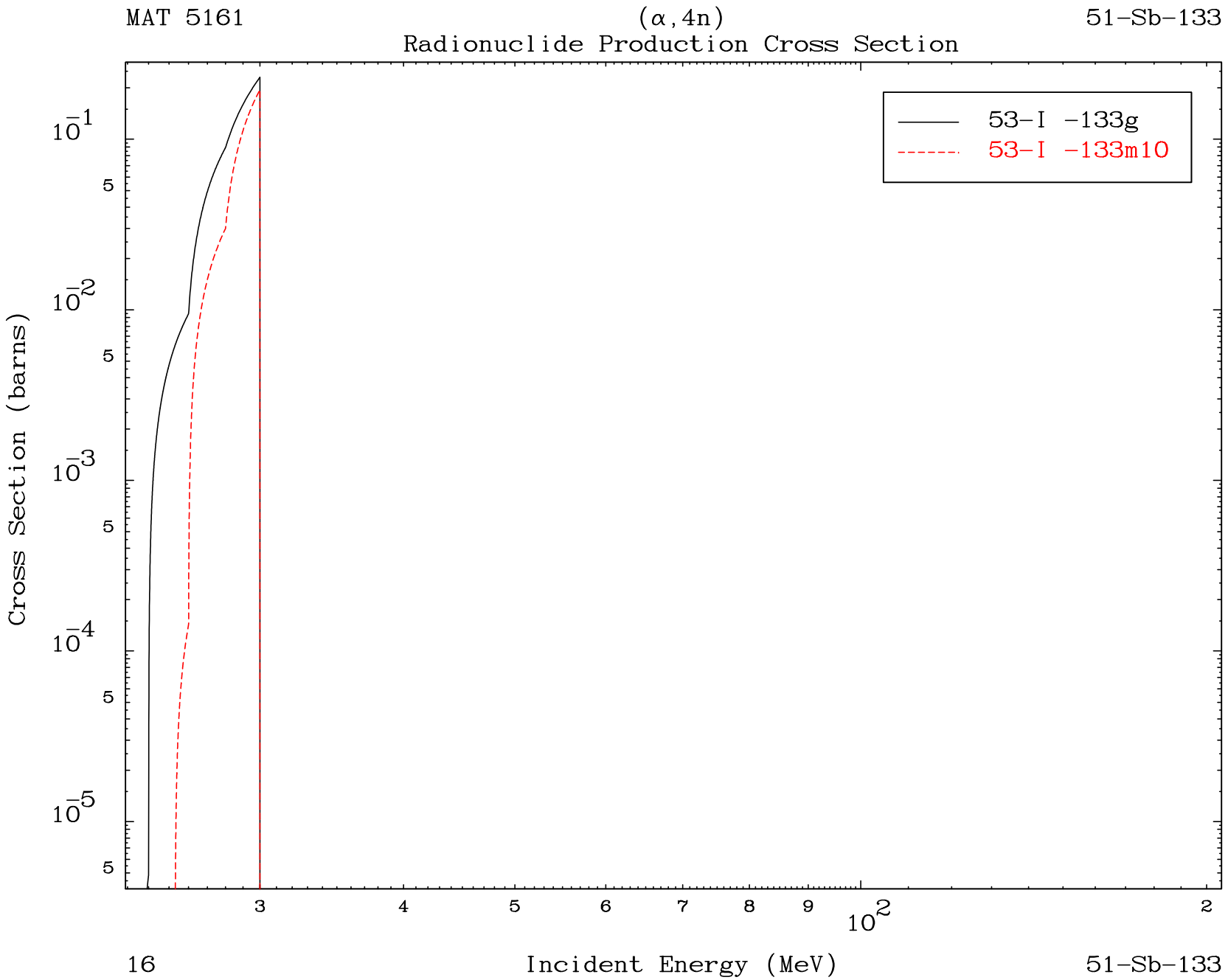

MAT 5161
α Inelastic
51-Sb-133
Radionuclide Production Cross Section
53-I -136g
53-I -136m6
Cross Section (barns)
Incident Energy (MeV)
11
51-Sb-133

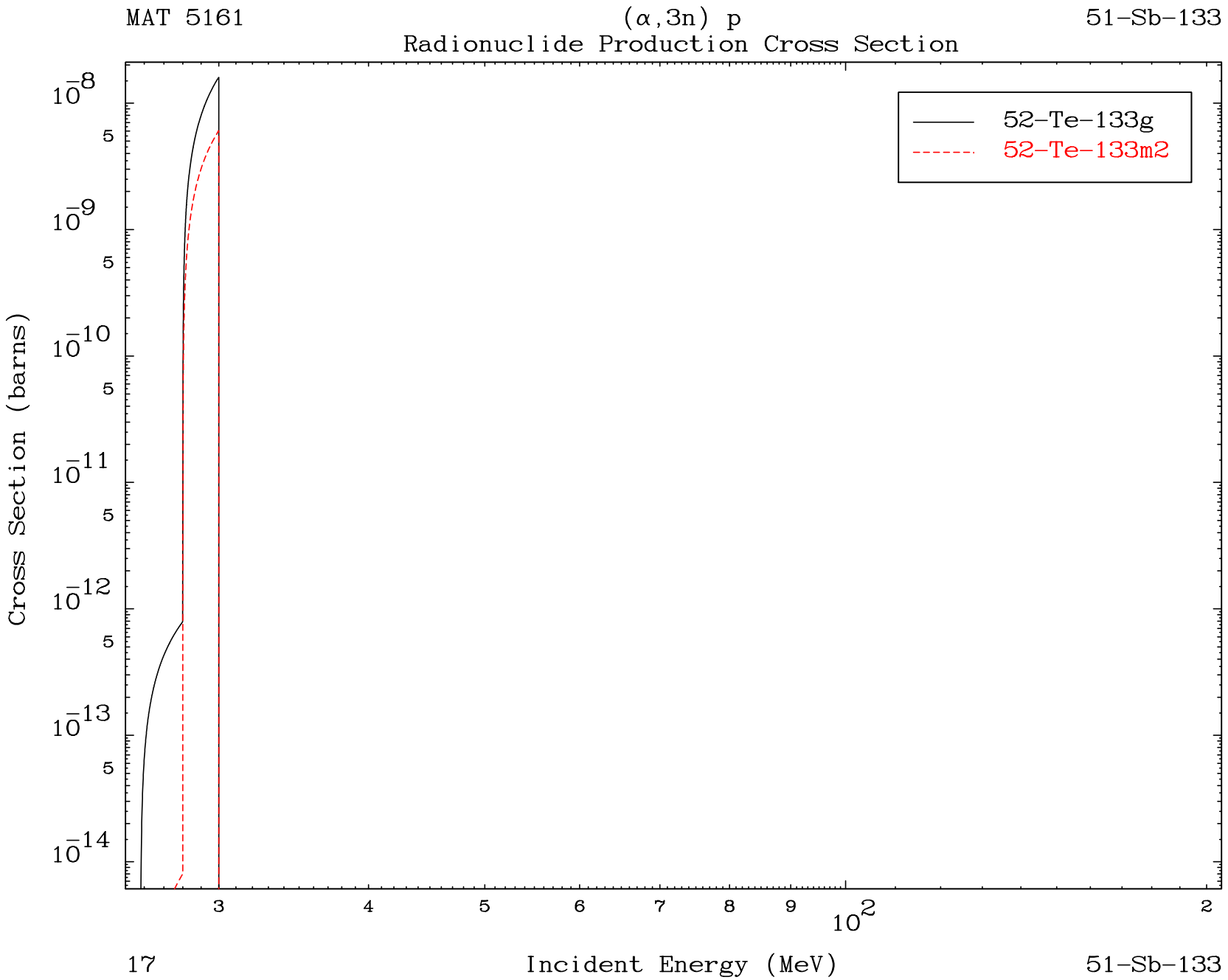

MAT 5161
(α,2n) d
51-Sb-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
51-Sb-133

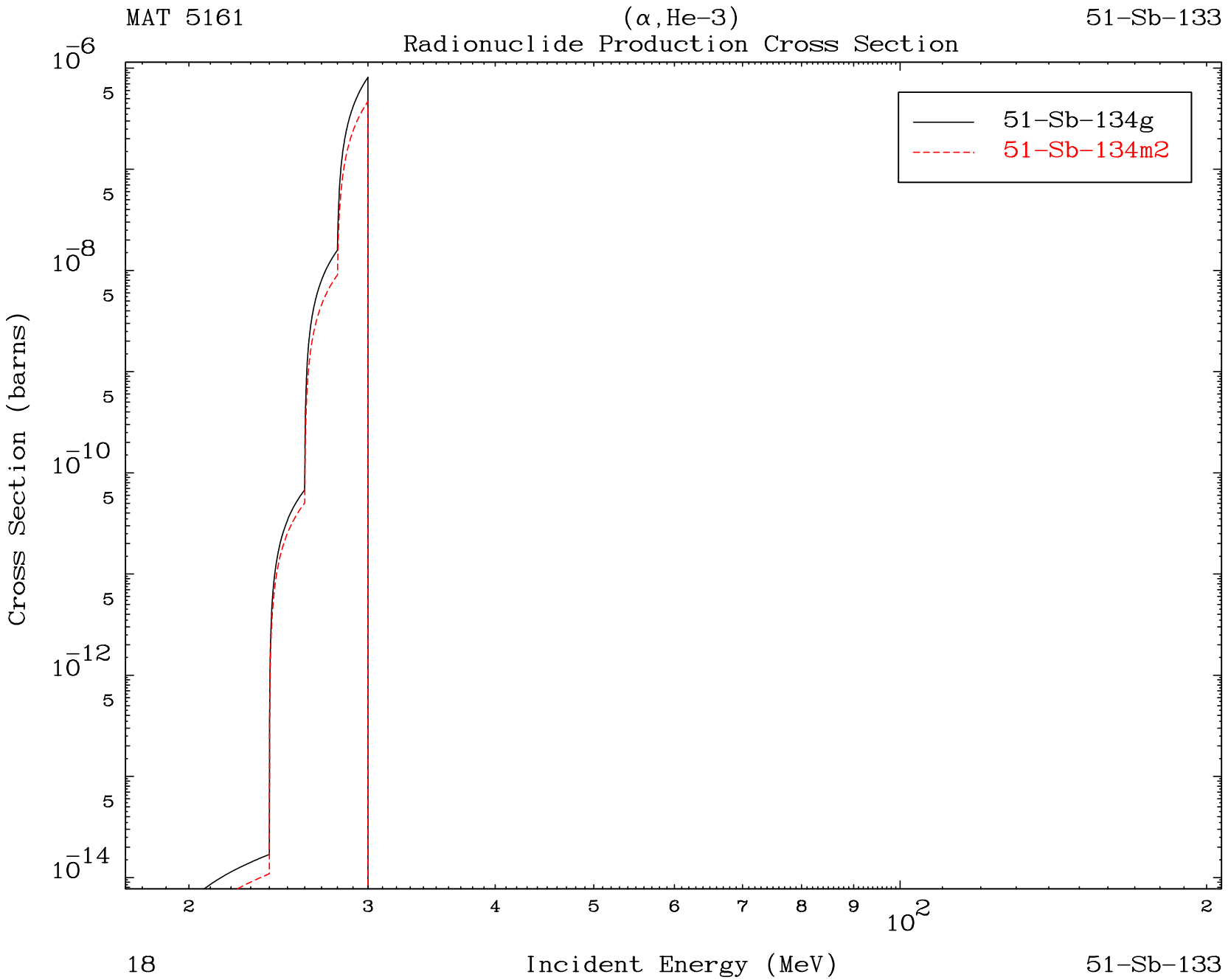

MAT 5161
(α,3n)
51-Sb-133
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
13
51-Sb-133


MAT 5161
(α,n') α
51-Sb-133
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m4
Cross Section (barns)
10-2
10-4
10-6
10-8
8 9 101 2 3 4 5 6 7 8 9 102 2
Incident Energy (MeV)
14
51-Sb-133


MAT 5161
(α,n') t
51-Sb-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
51-Sb-133


MAT 5161
(α,4n)
51-Sb-133
Radionuclide Production Cross Section
53-I -133g
53-I -133m10
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
10-5
5
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
51-Sb-133


MAT 5161
(α,3n) p
51-Sb-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10-8
10-9
10-10
10-11
10-12
10-13
10-14
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
51-Sb-133


MAT 5161
(α,He-3)
51-Sb-133
Radionuclide Production Cross Section
51-Sb-134g
51-Sb-134m2
Cross Section (barns)
Incident Energy (MeV)
18
51-Sb-133