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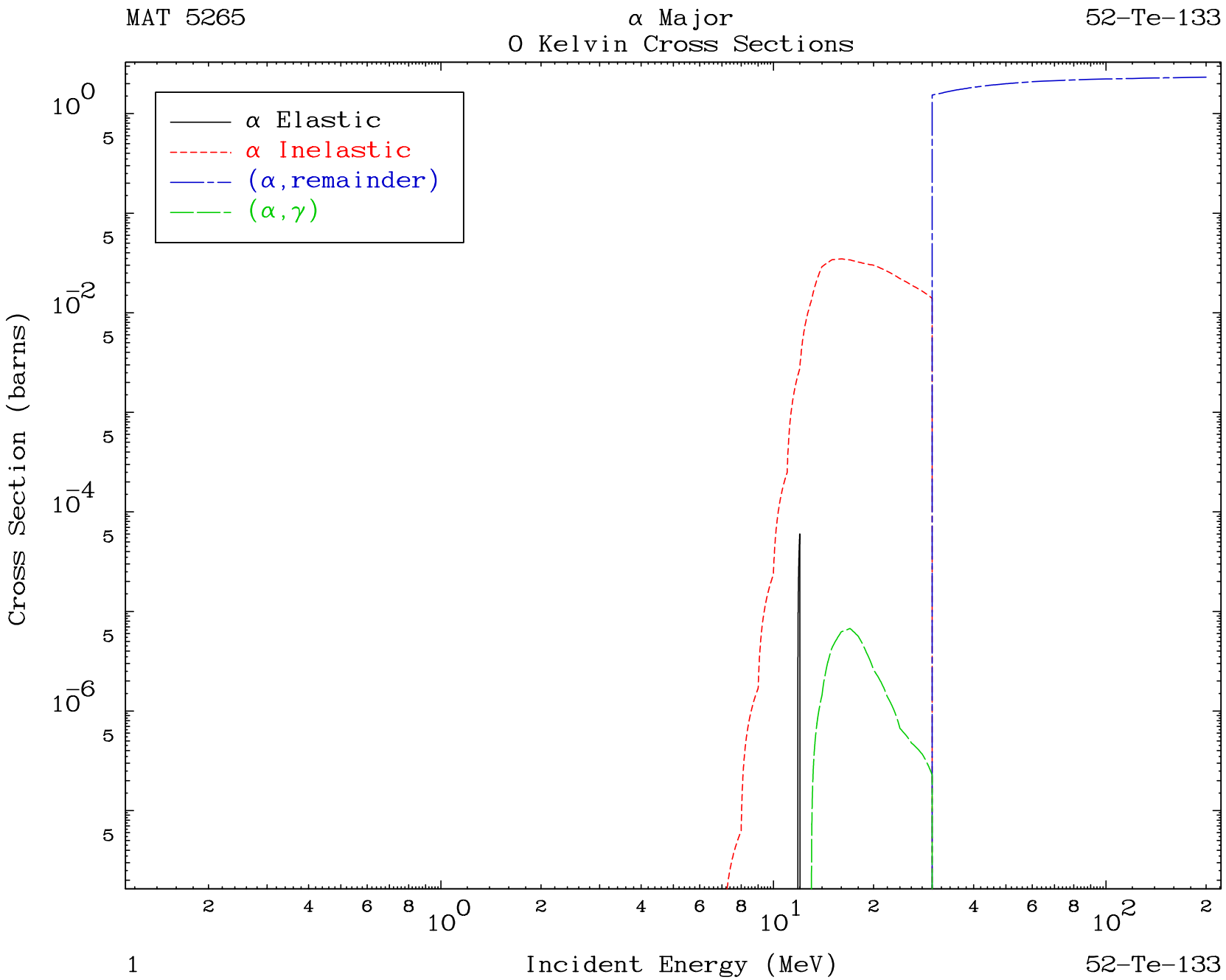
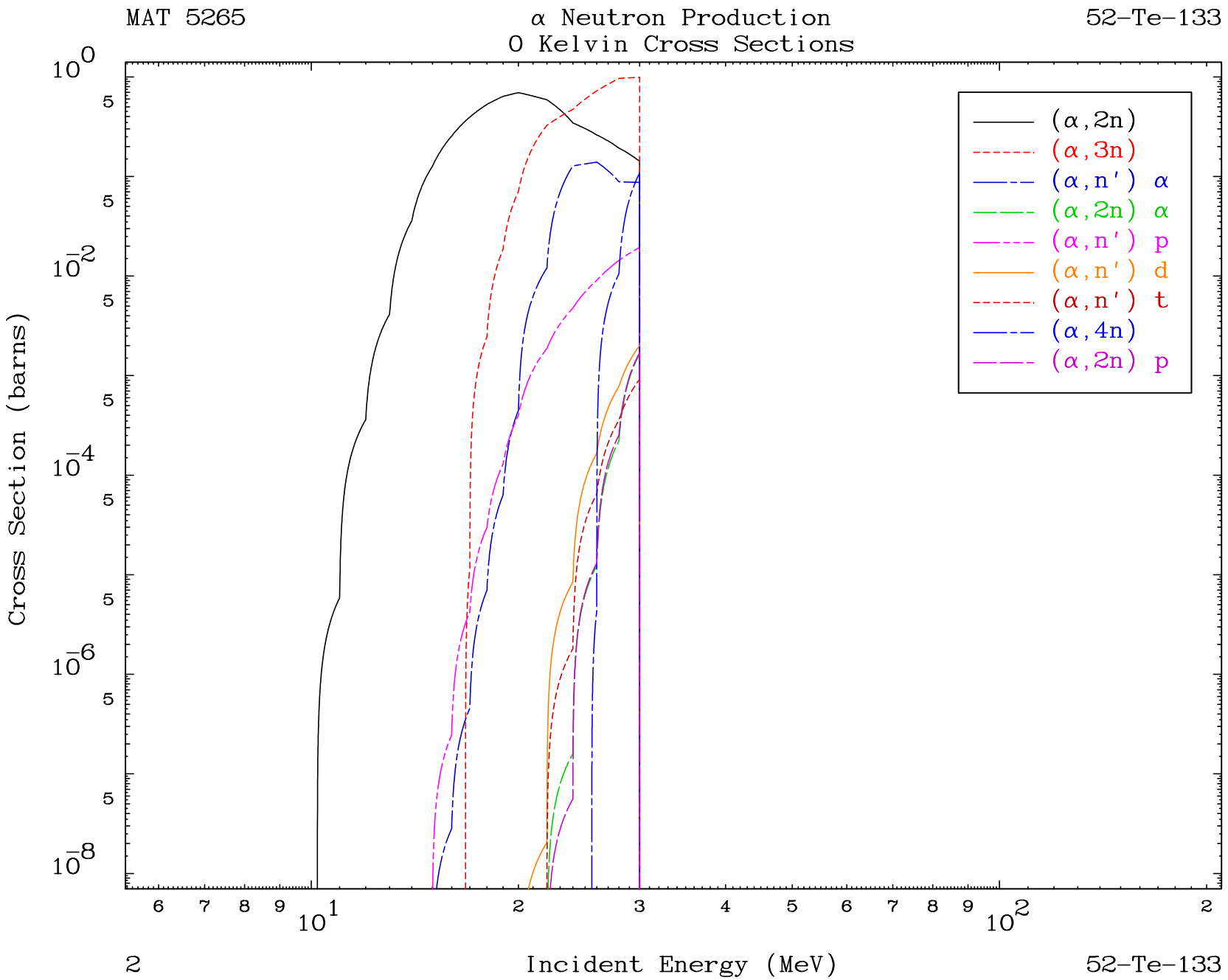
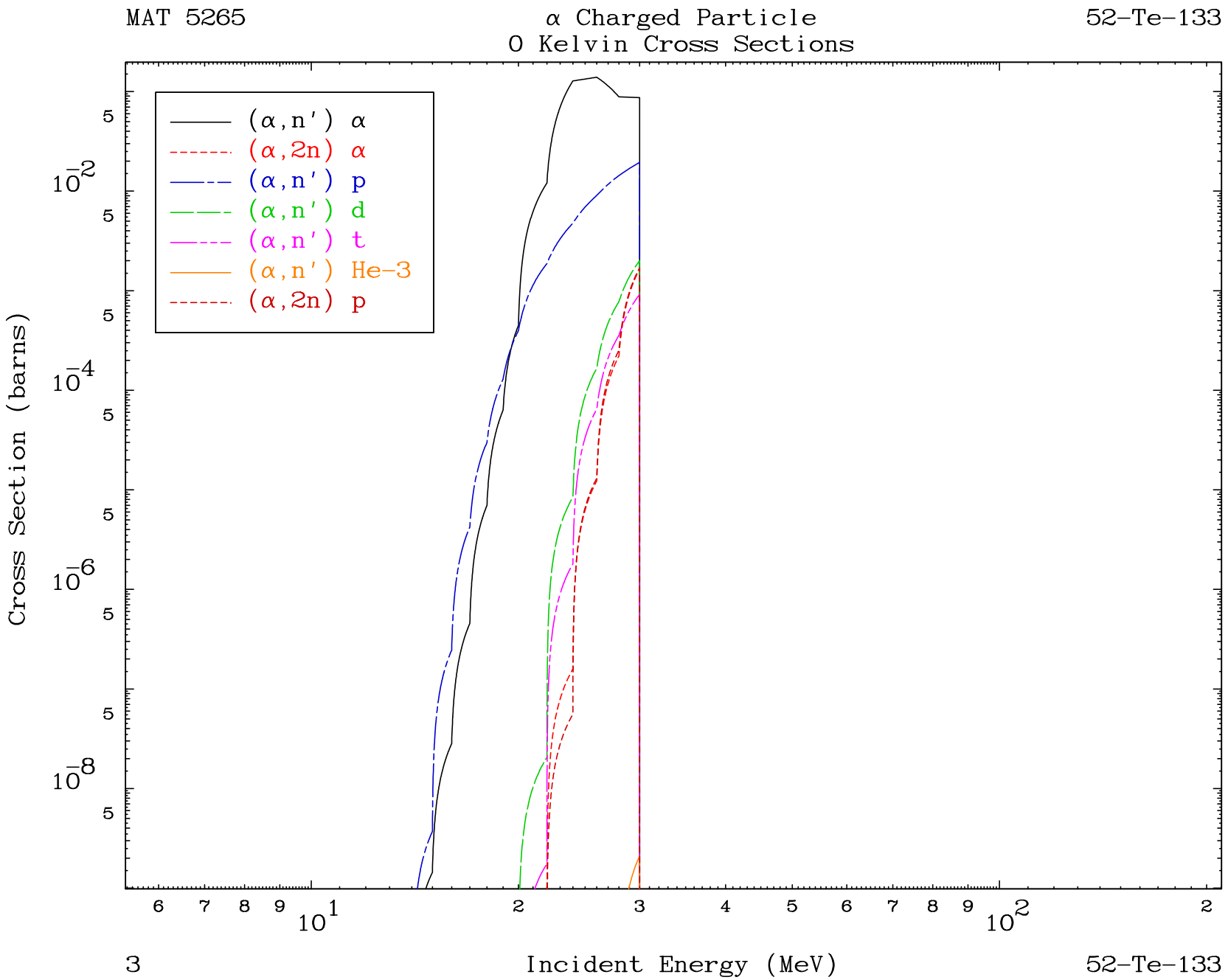
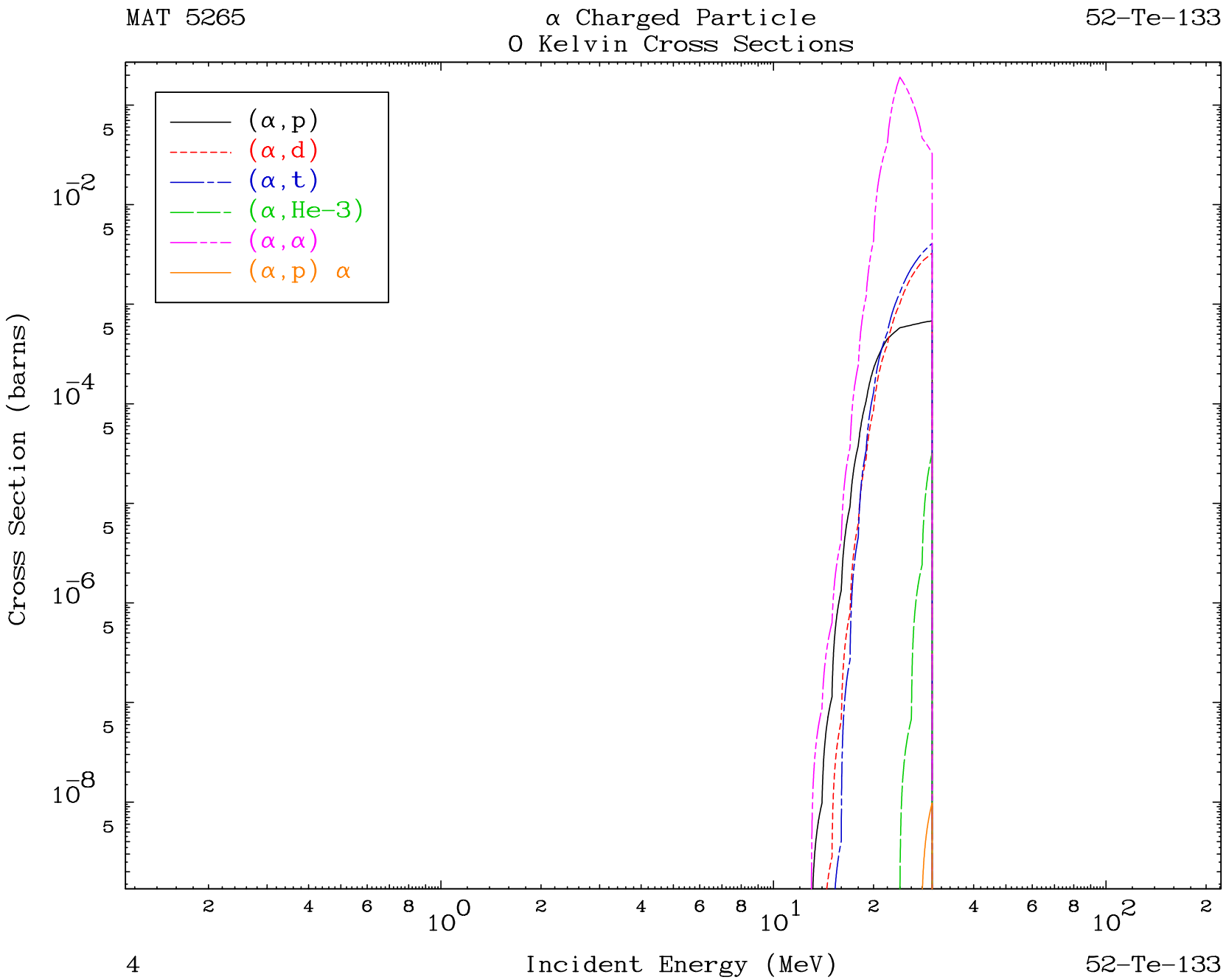
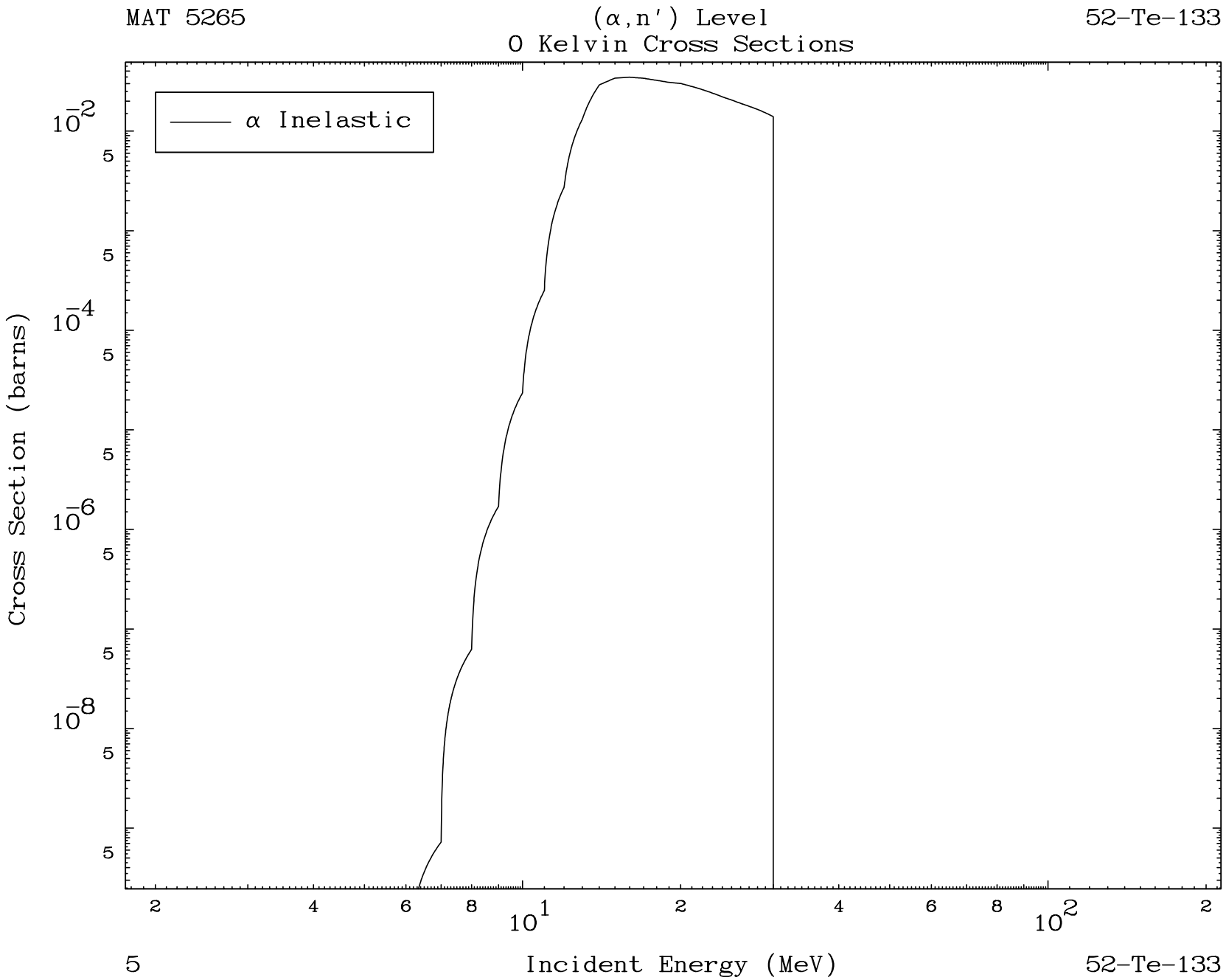
Press Mouse Button to Start

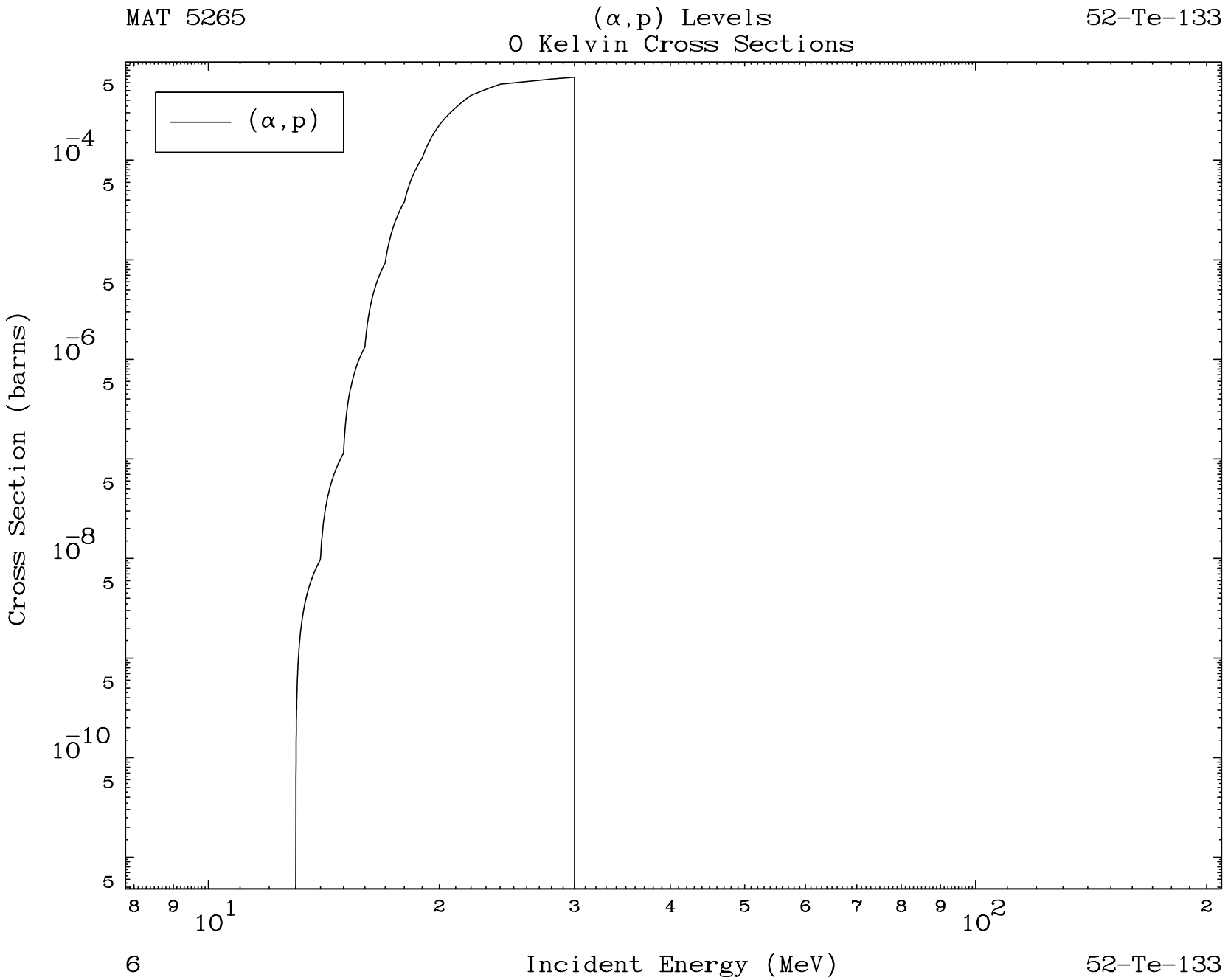

MAT 5265
α Major
52-Te-133
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
52-Te-133

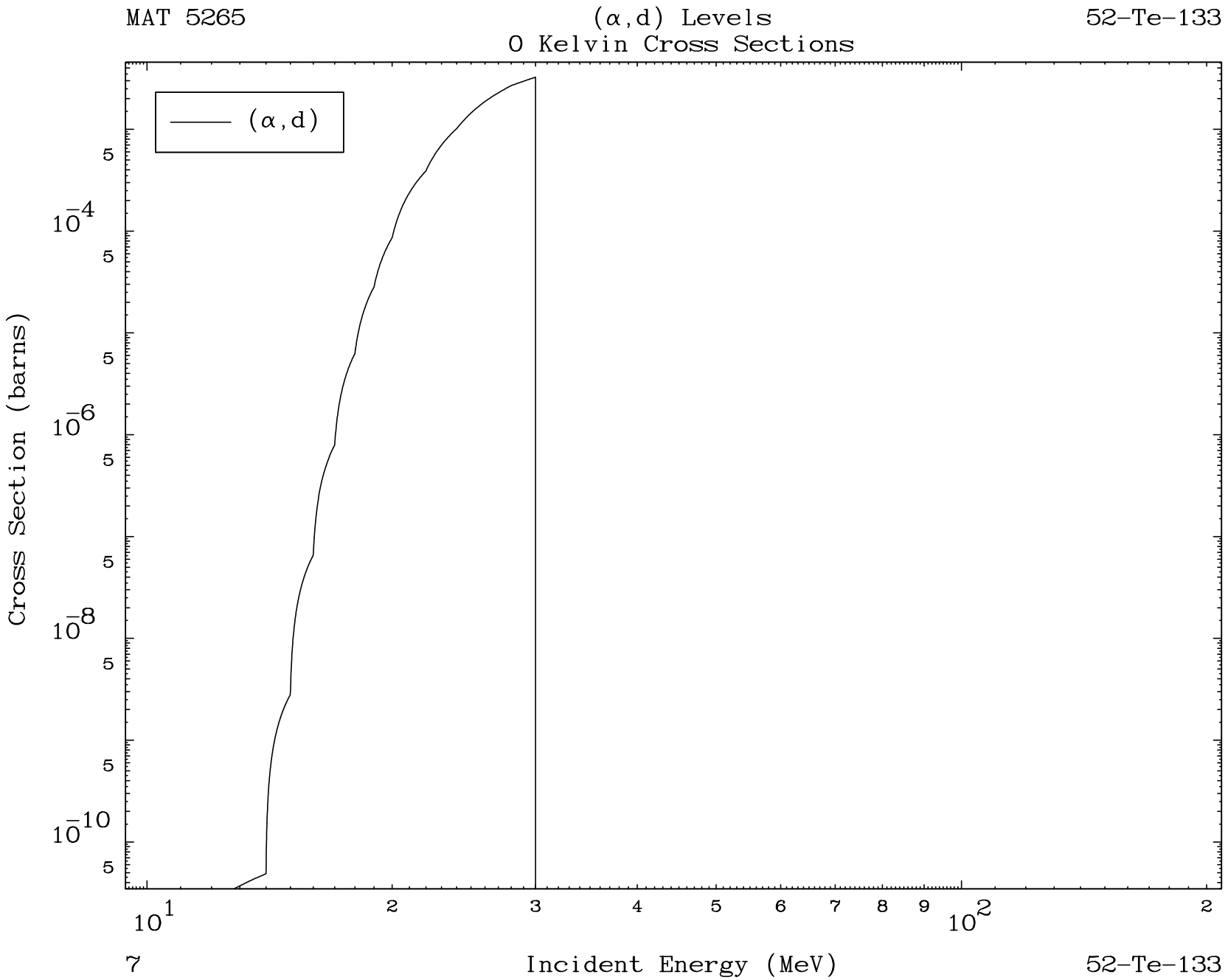

MAT 5265
α Neutron Production
0 Kelvin Cross Sections
52-Te-133
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,4n)
(α,2n) p
52-Te-133
2

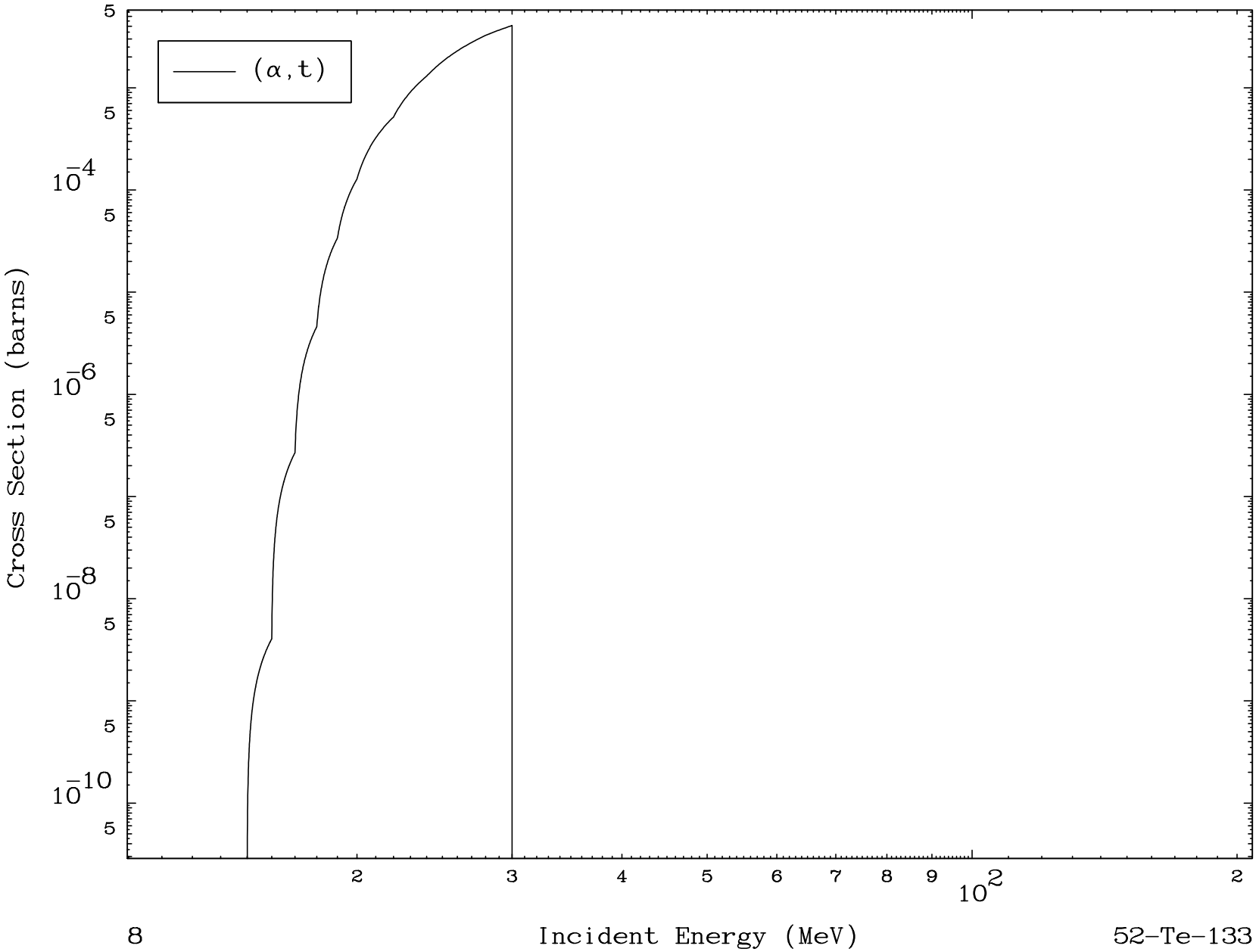

MAT 5265
α Charged Particle
0 Kelvin Cross Sections
52-Te-133
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-133

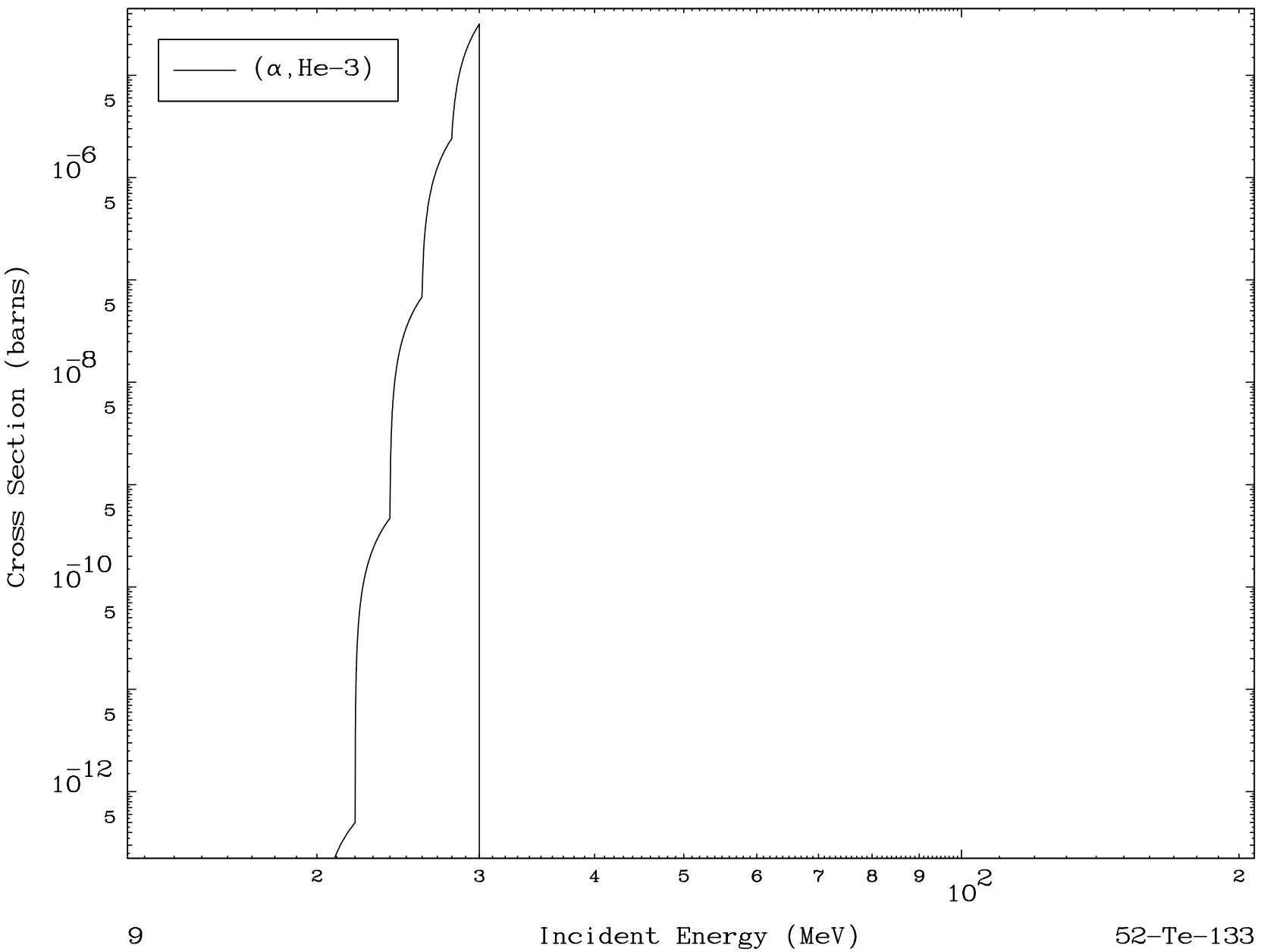

MAT 5265
α Charged Particle
0 Kelvin Cross Sections
52-Te-133
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-133

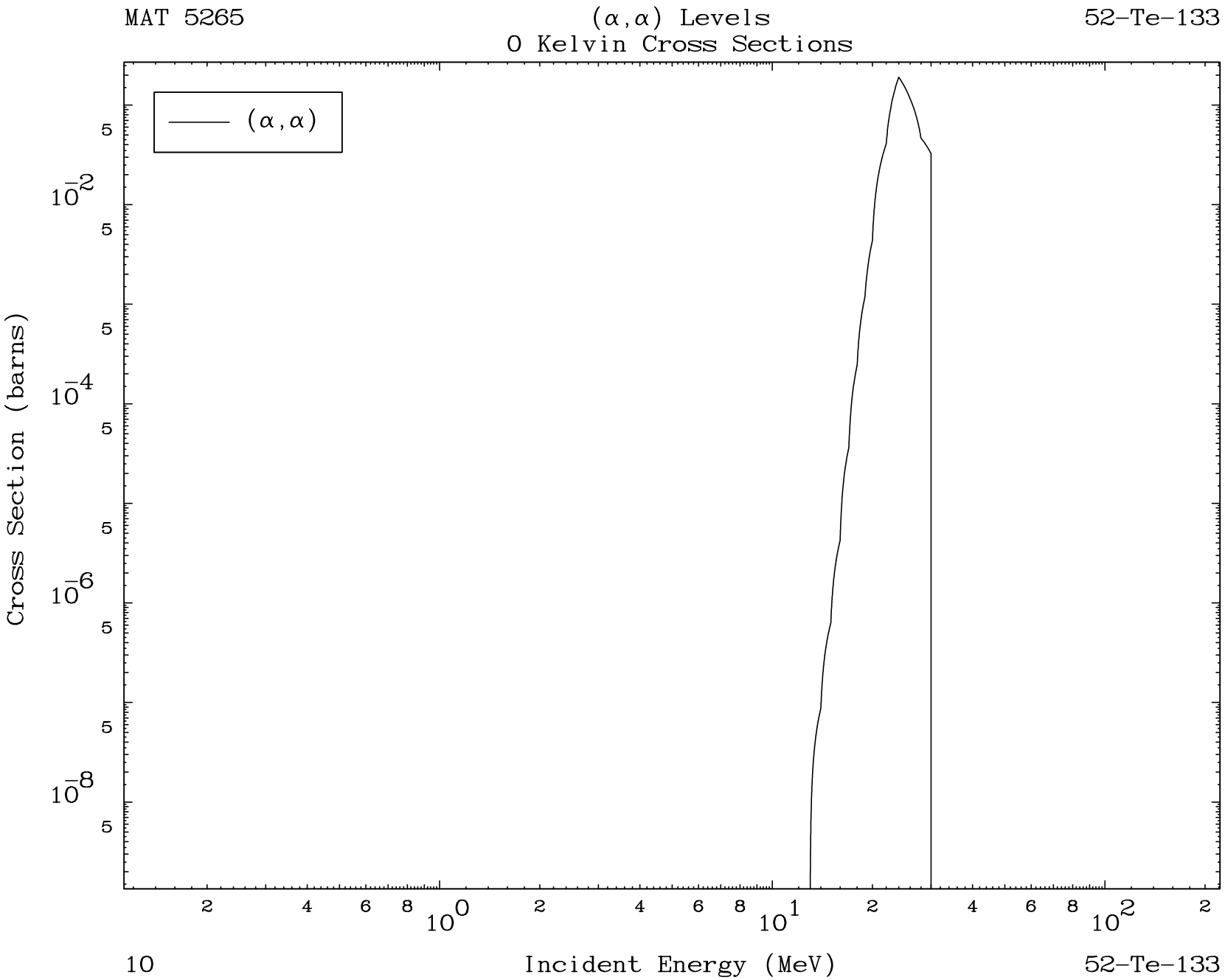

MAT 5265
(α,n') Level
52-Te-133
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
2
4
6
8
10 2
2
5
Incident Energy (MeV)
52-Te-133

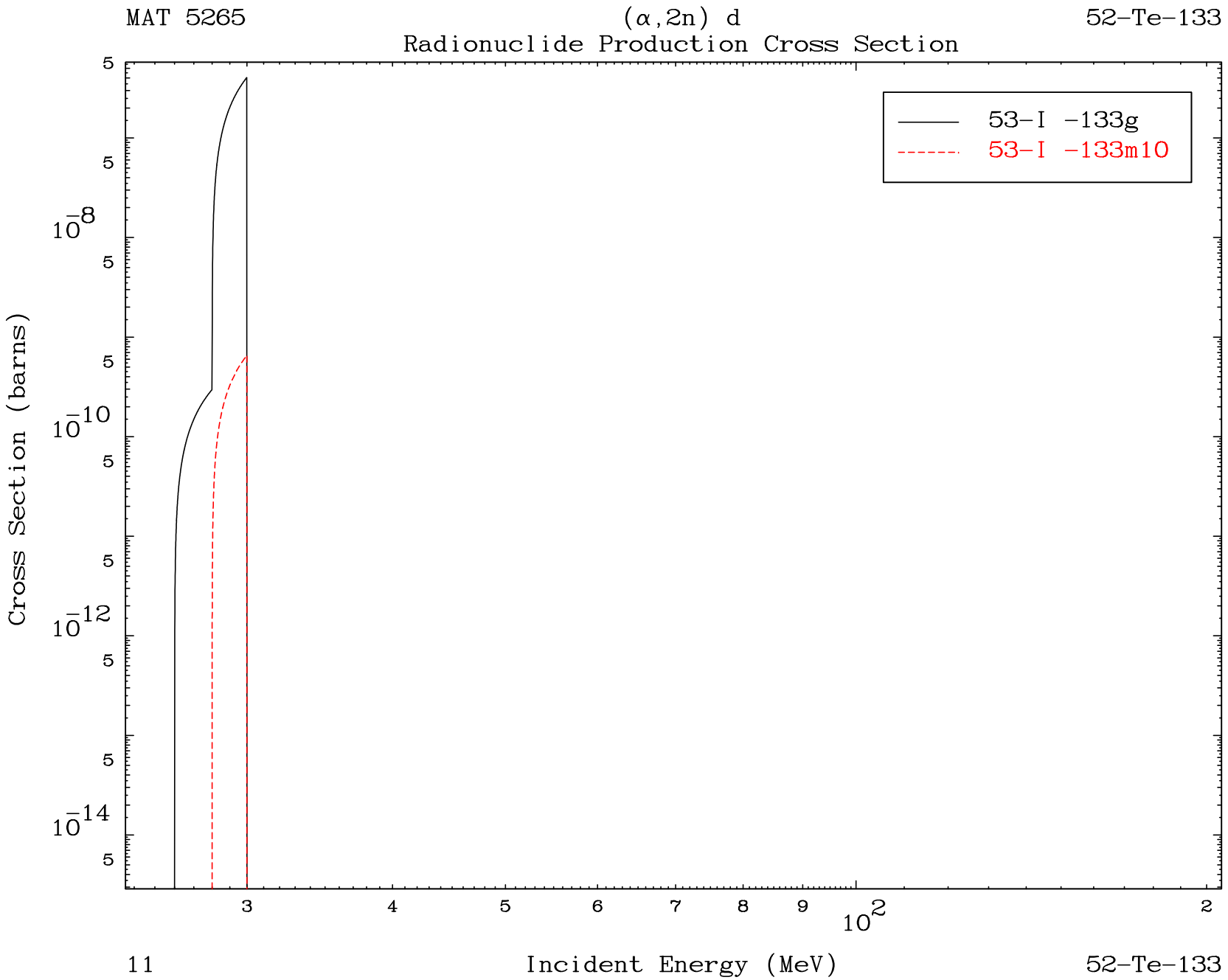

MAT 5265
(α,p) Levels
52-Te-133
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
6
52-Te-133

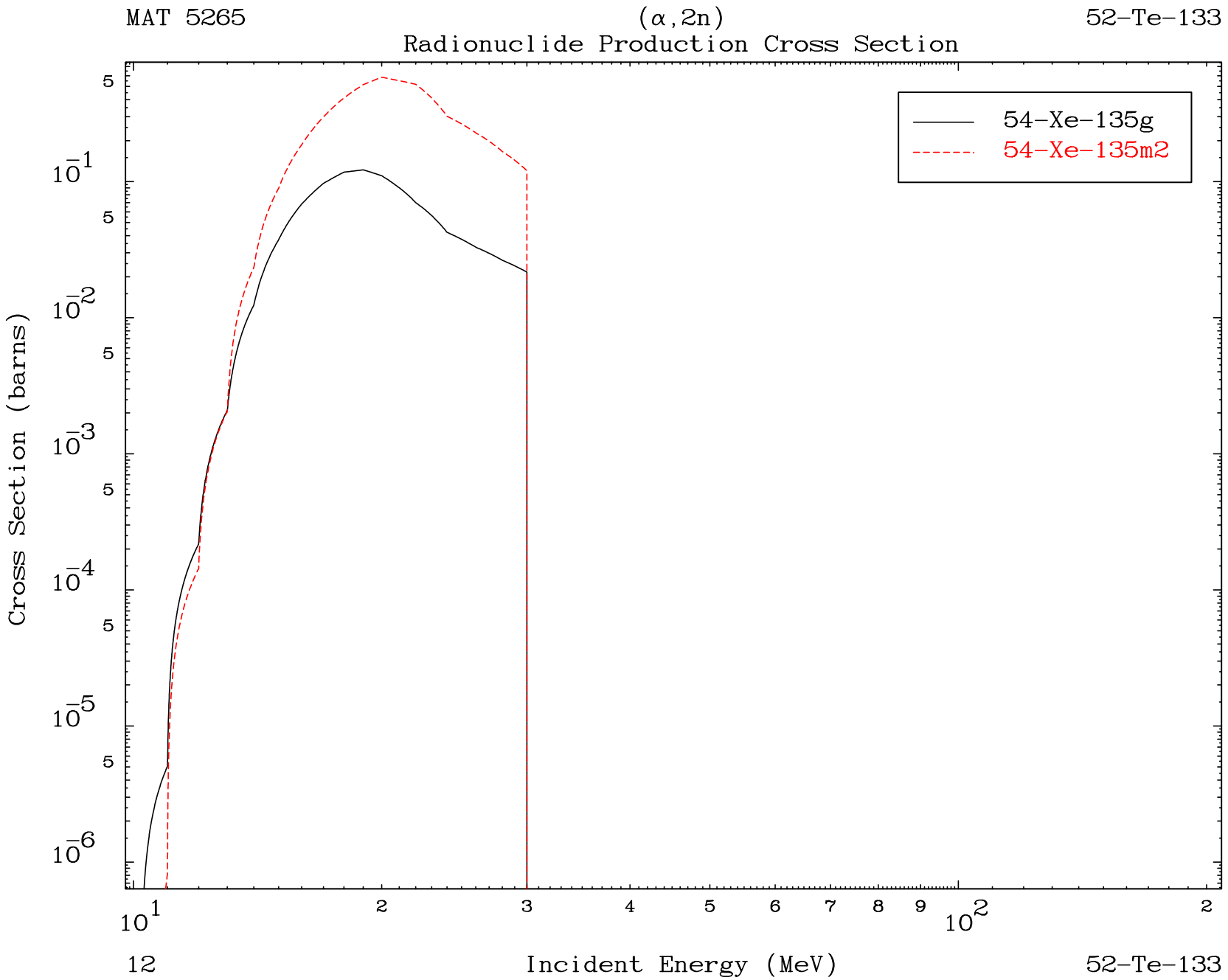

MAT 5265
(α,d) Levels
52-Te-133
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
7
52-Te-133

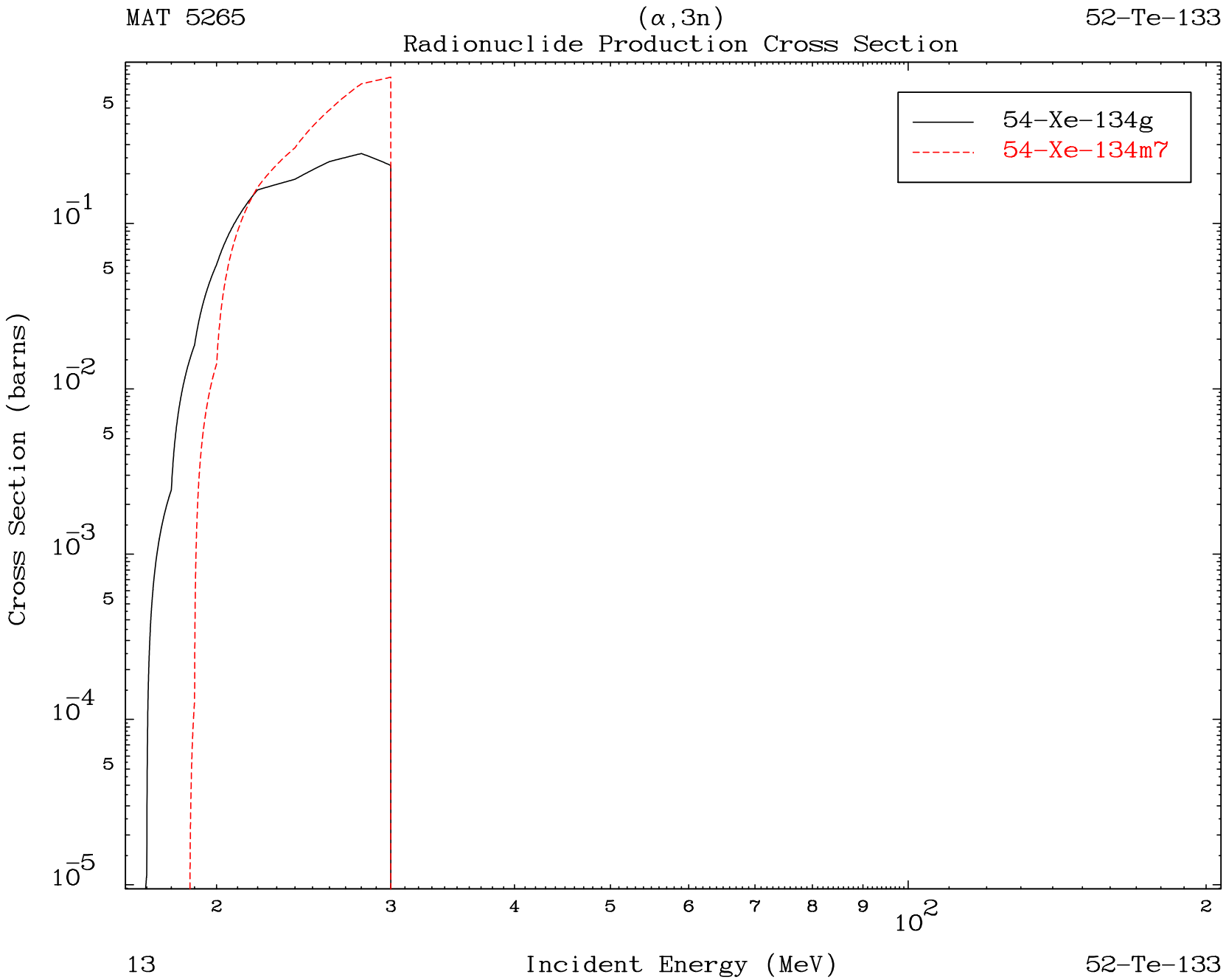

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

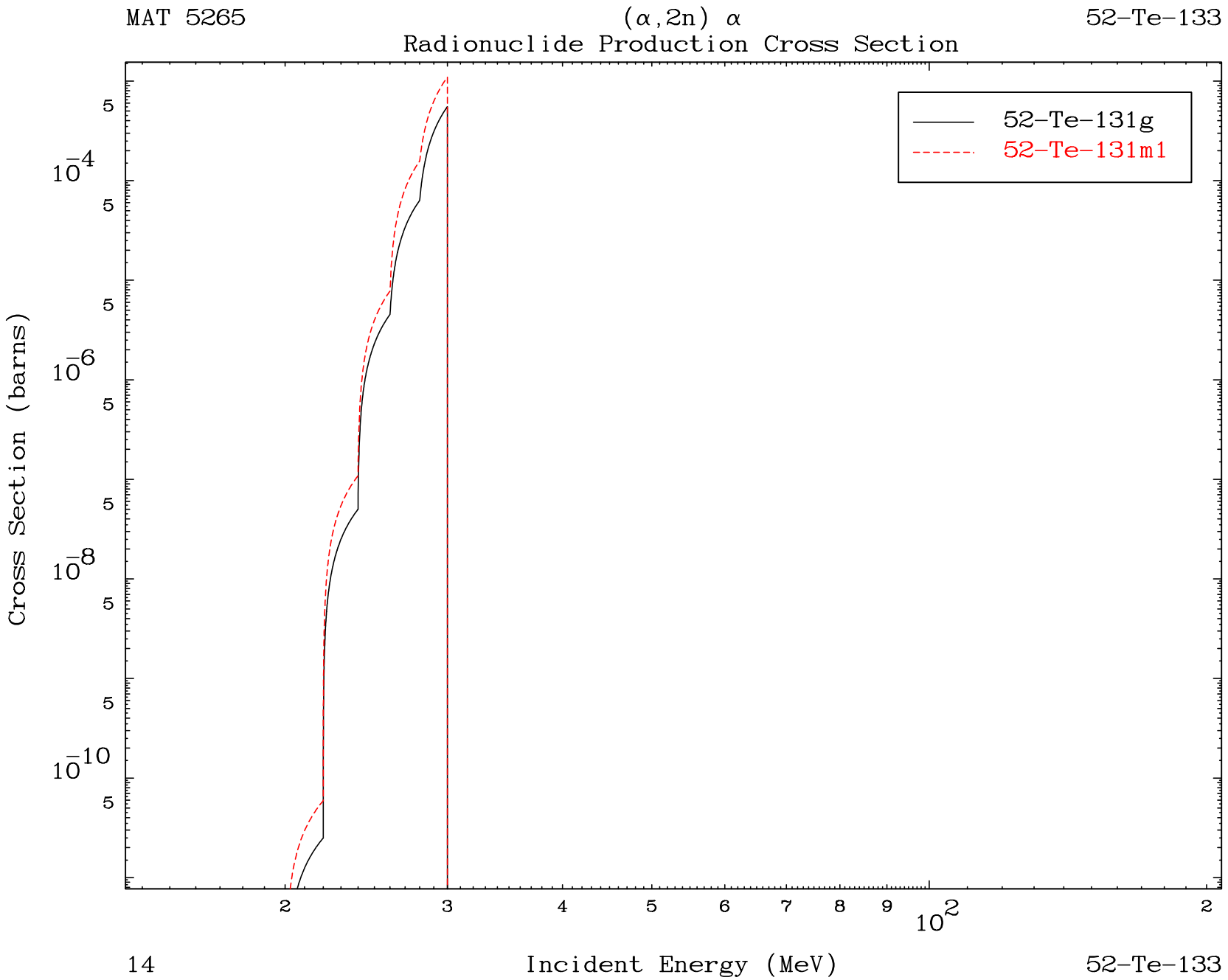

0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

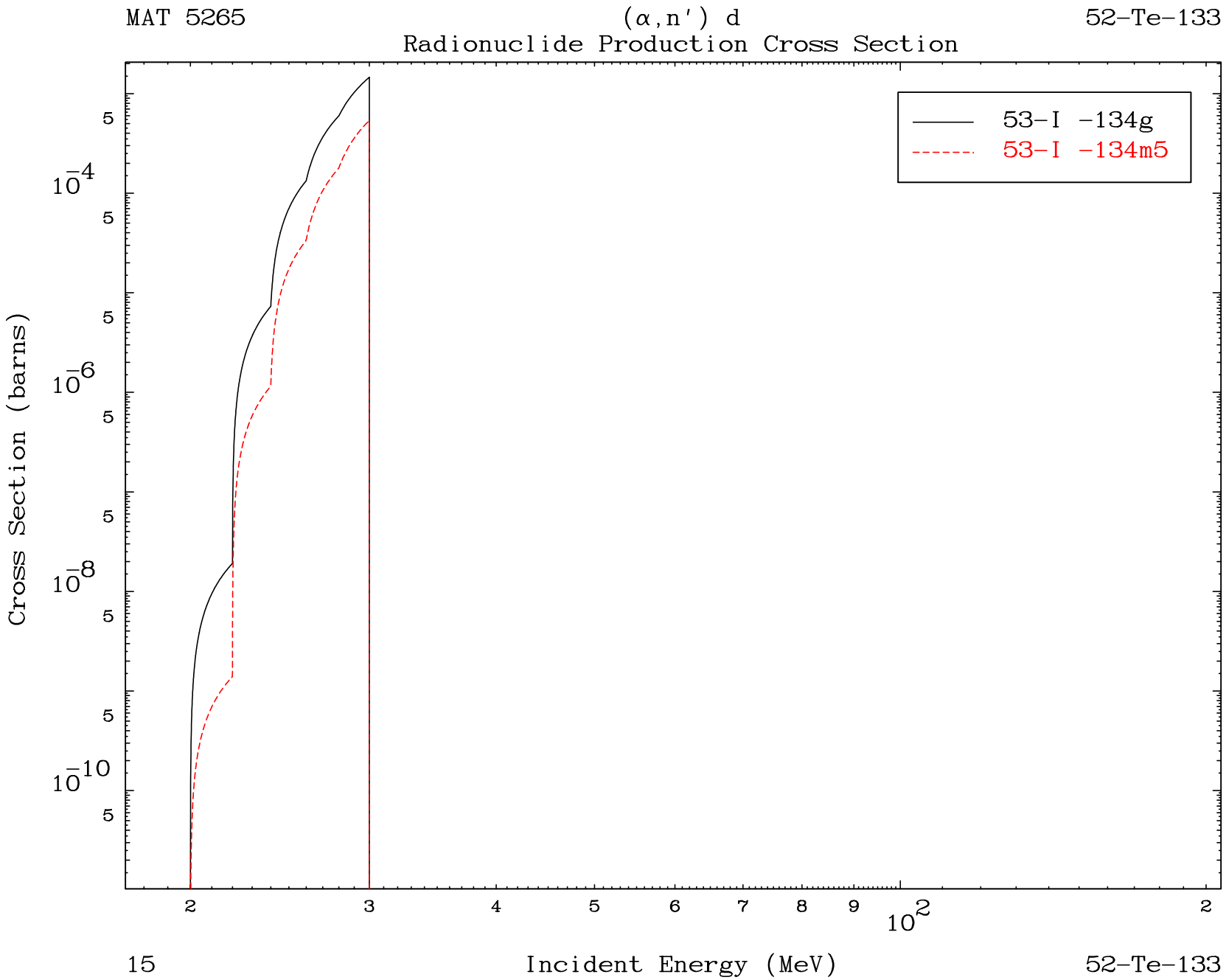

MAT 5265
(α,α) Levels
52-Te-133
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
52-Te-133

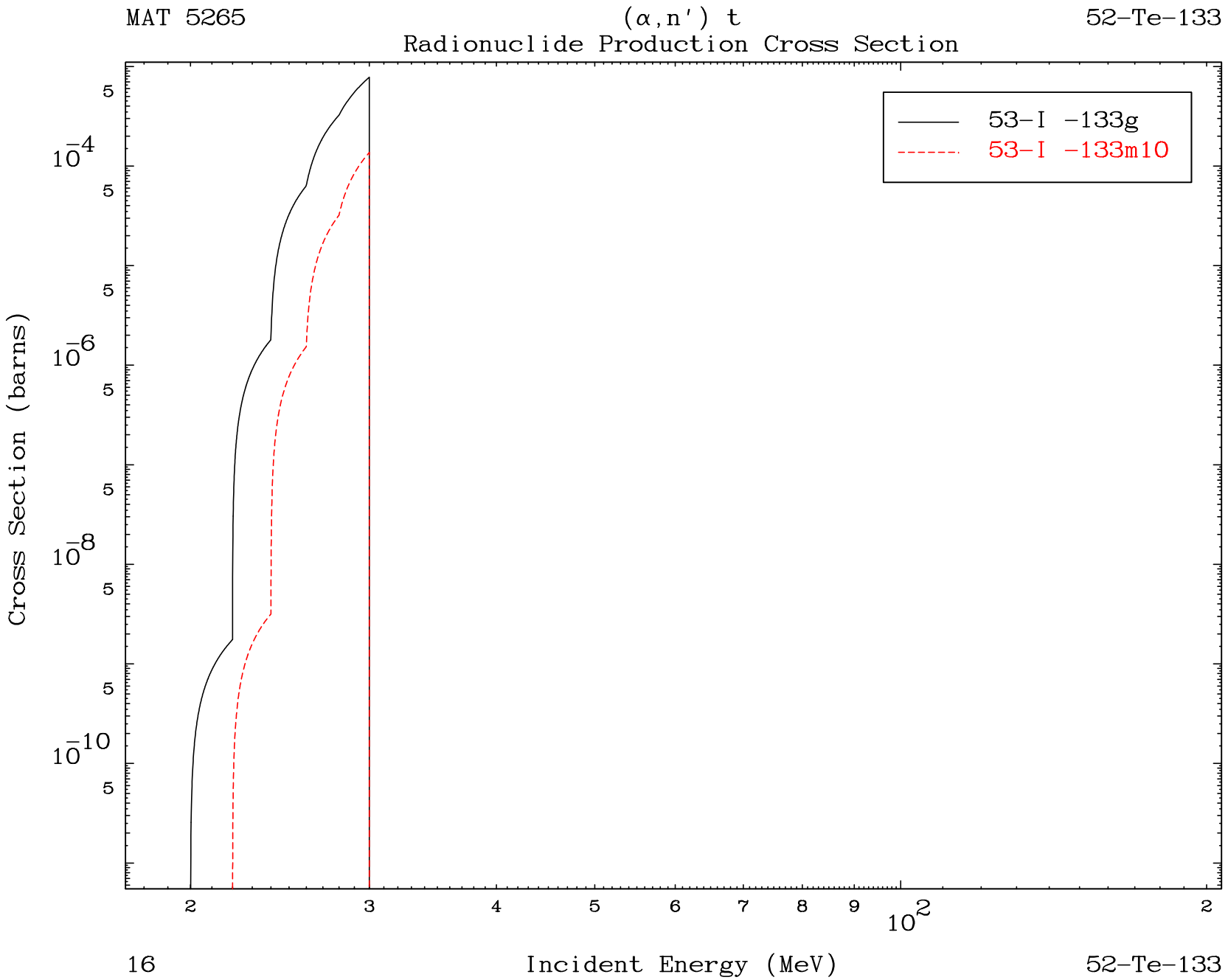

MAT 5265
(α,2n) d
52-Te-133
Radionuclide Production Cross Section
53-I -133g
53-I -133m10
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
52-Te-133

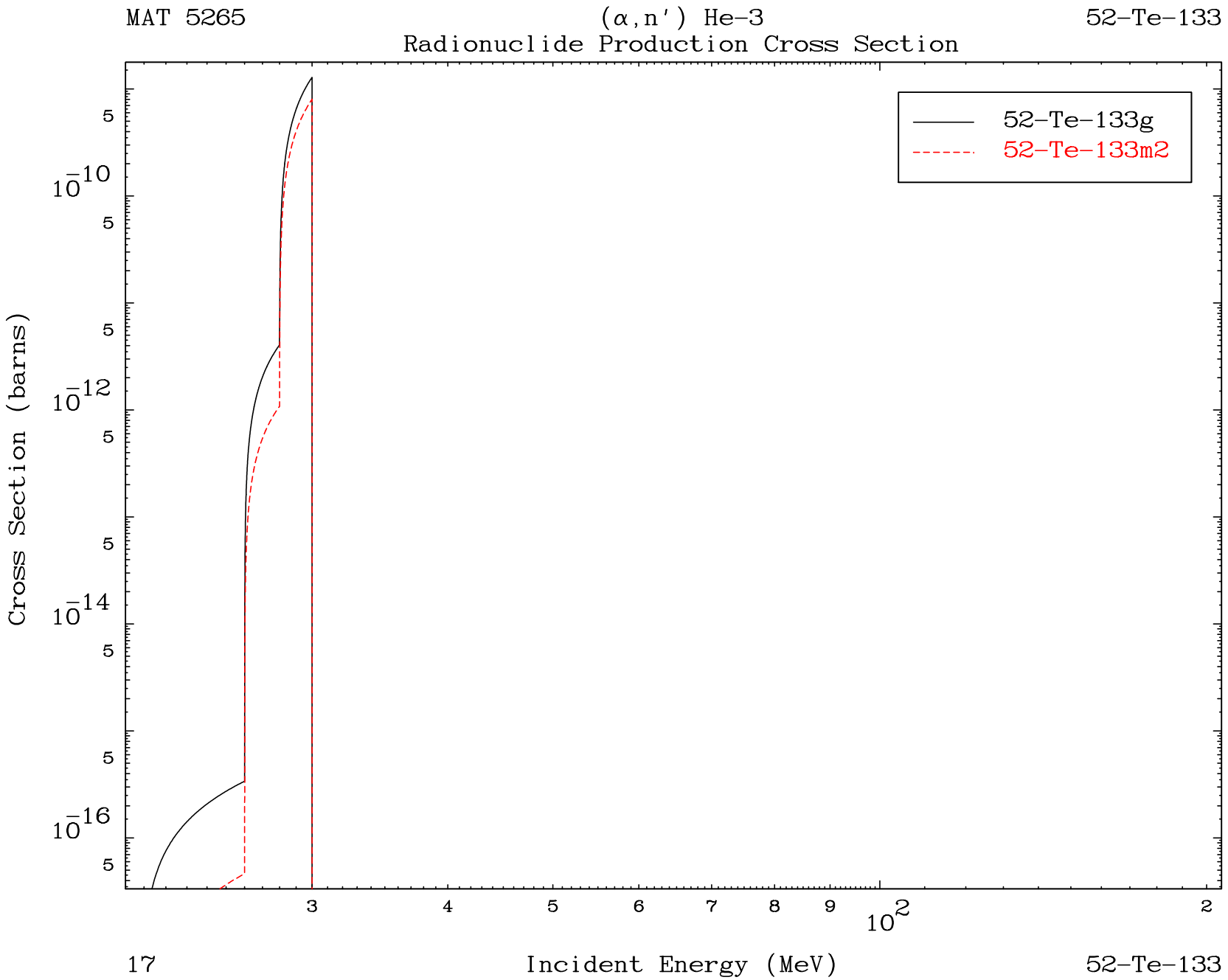

MAT 5265
(α,2n)
52-Te-133
Radionuclide Production Cross Section
54-Xe-135g
54-Xe-135m2
Cross Section (barns)
Incident Energy (MeV)
52-Te-133
12

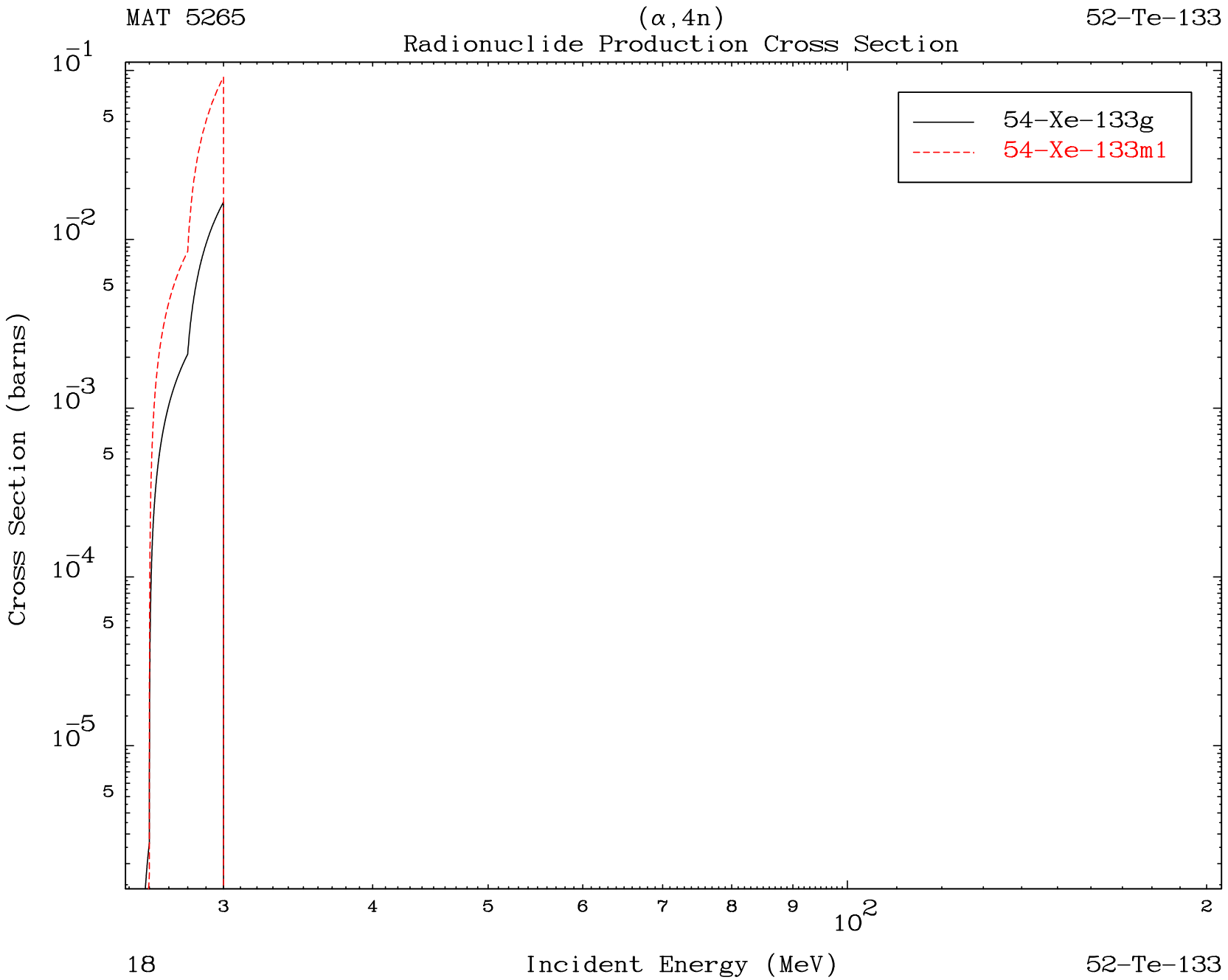

MAT 5265
(α,3n)
52-Te-133
Radionuclide Production Cross Section
54-Xe-134g
54-Xe-134m7
Cross Section (barns)
10^-1
10^-2
10^-3
10^-4
10^-5
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
13
52-Te-133

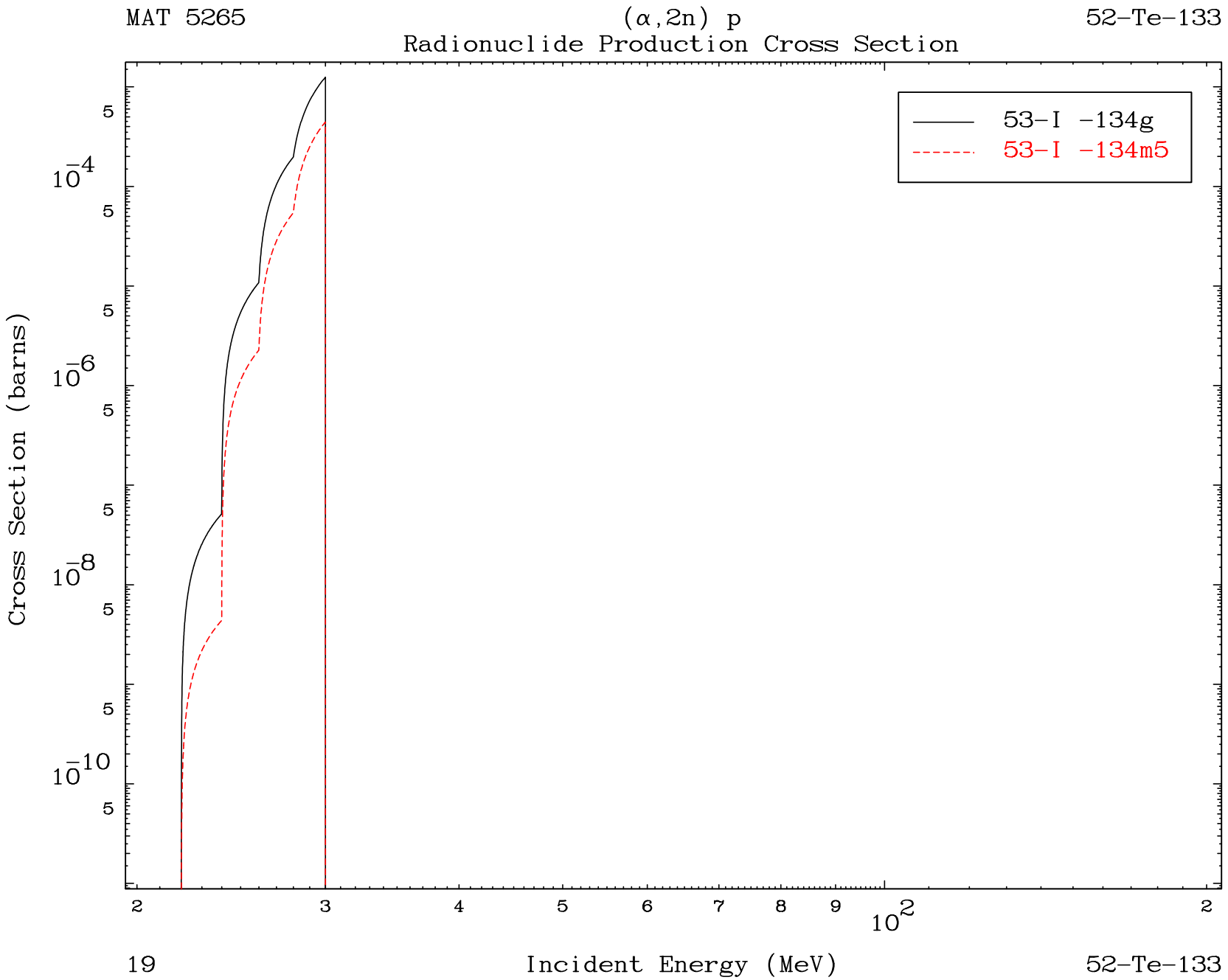

MAT 5265
(α,2n) α
52-Te-133
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
52-Te-133

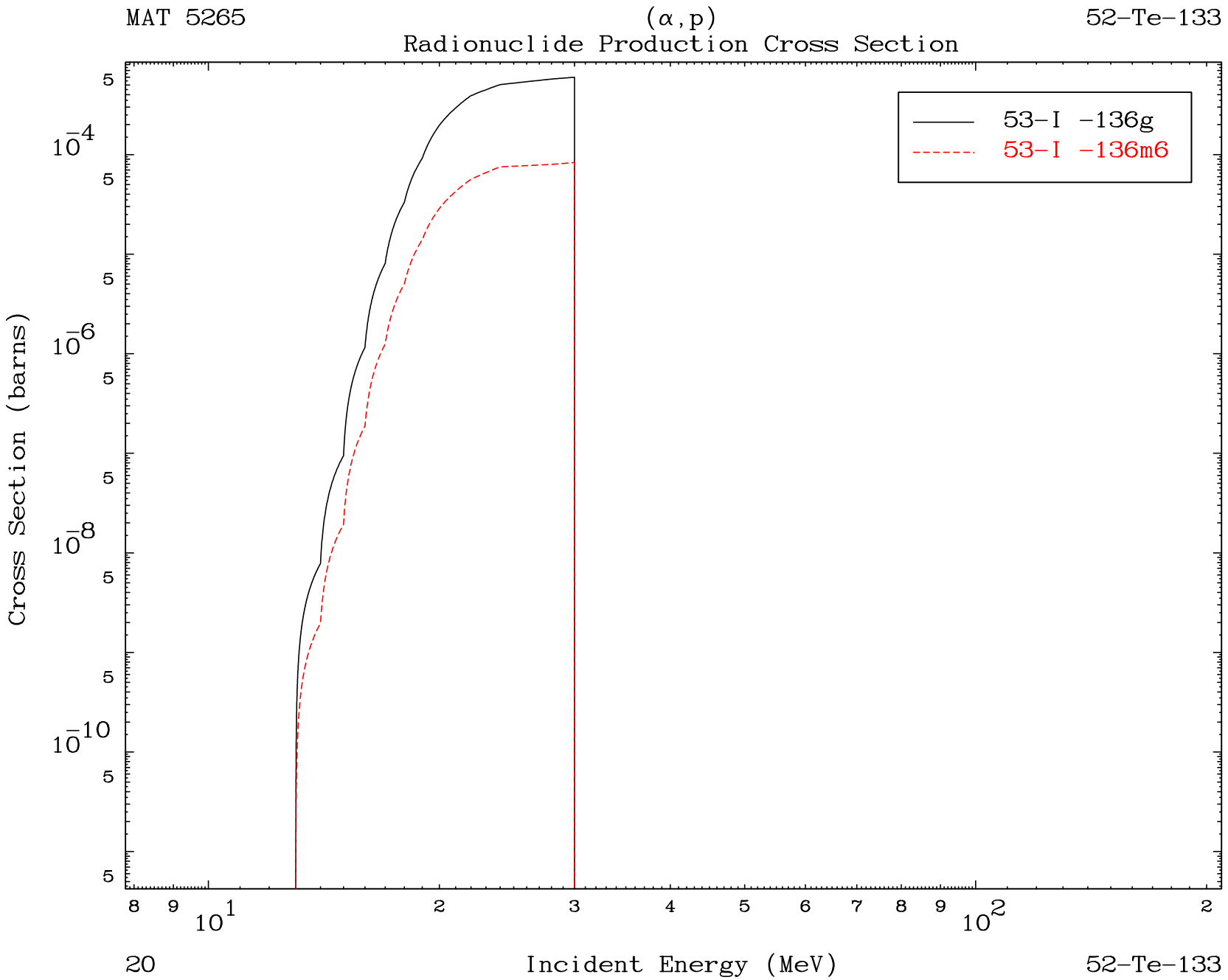

MAT 5265
(α,n') d
52-Te-133
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
15
52-Te-133

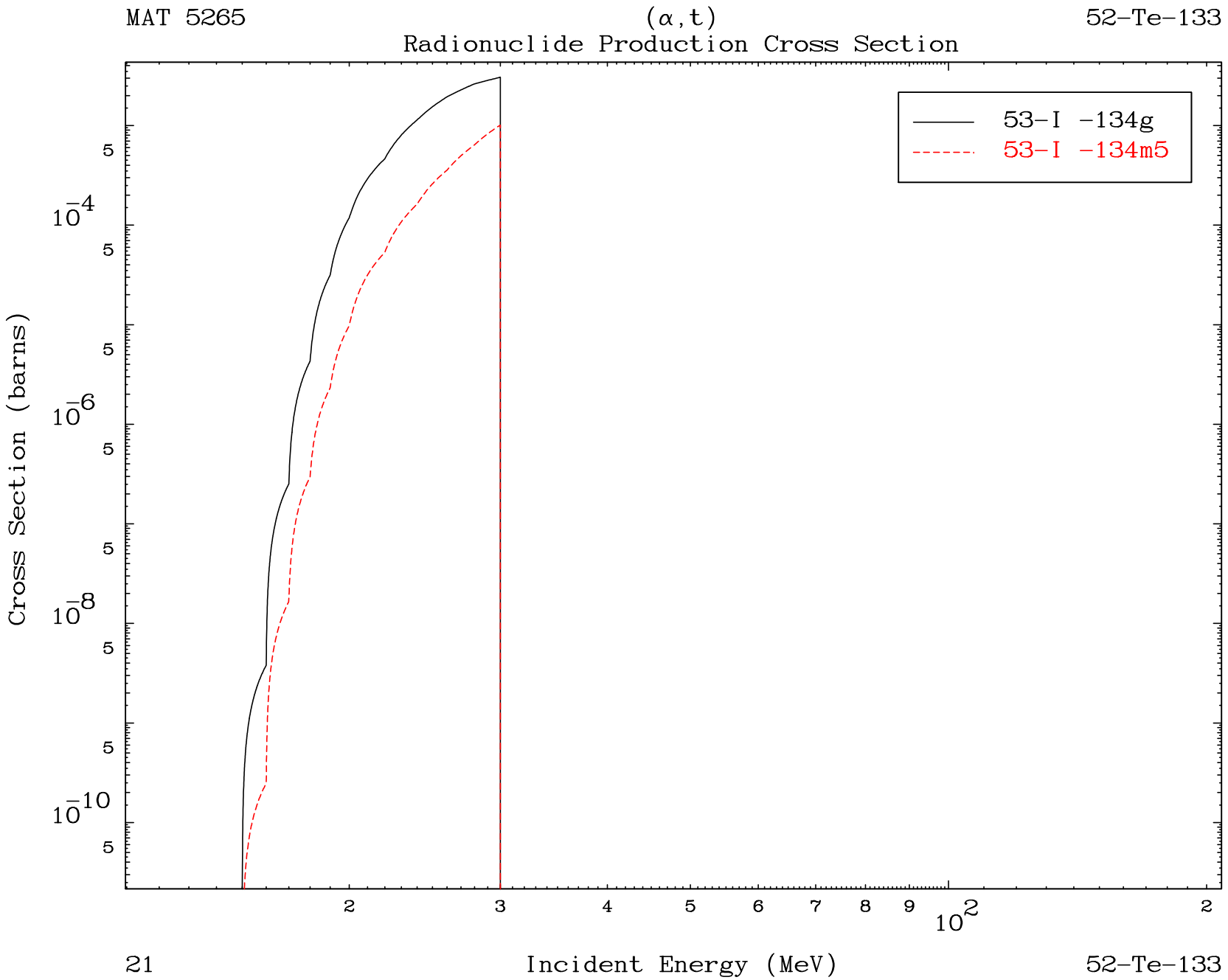

MAT 5265
(α,n') t
52-Te-133
Radionuclide Production Cross Section
53-I -133g
53-I -133m10
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
52-Te-133

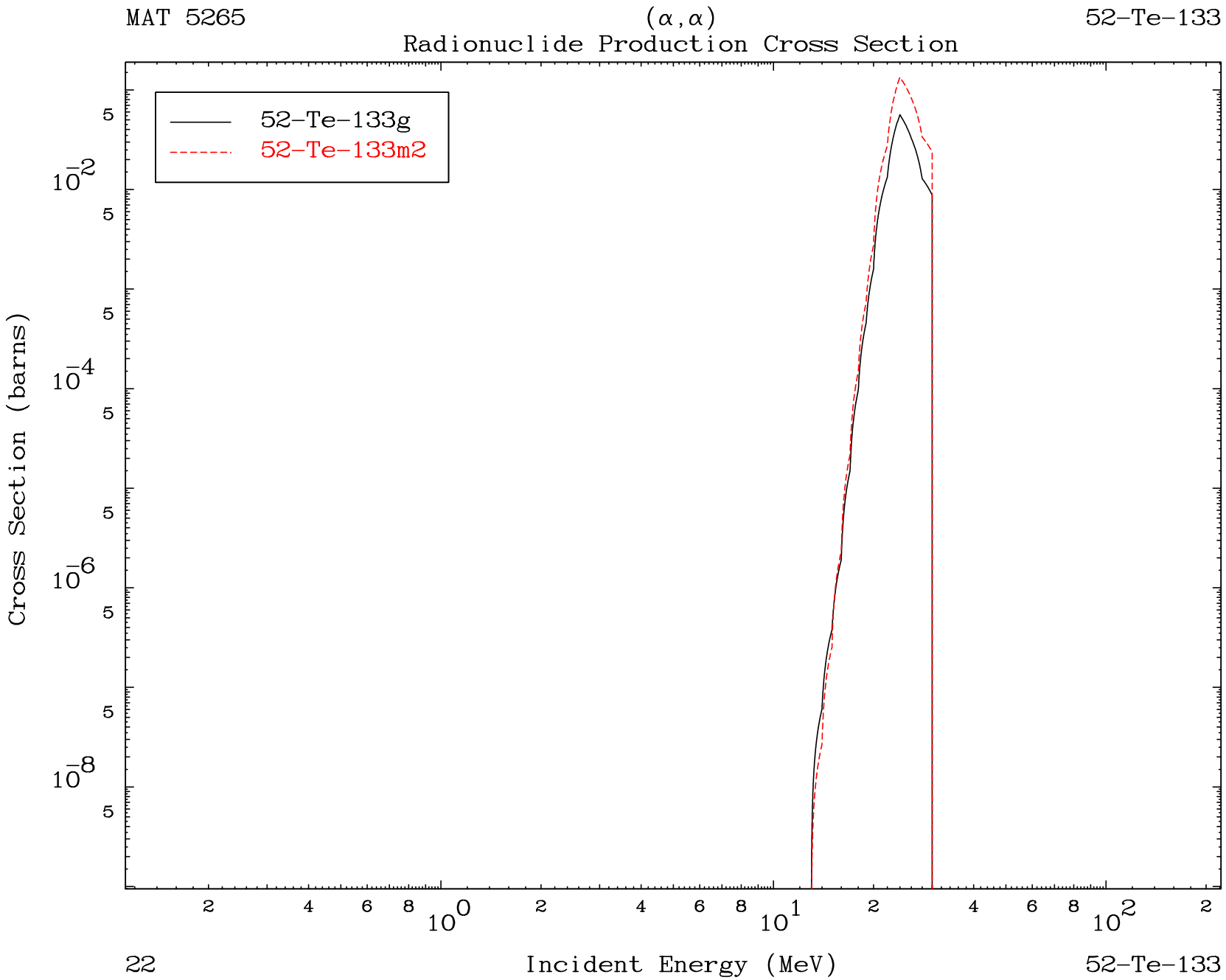

MAT 5265
(α,n') He-3
52-Te-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
52-Te-133

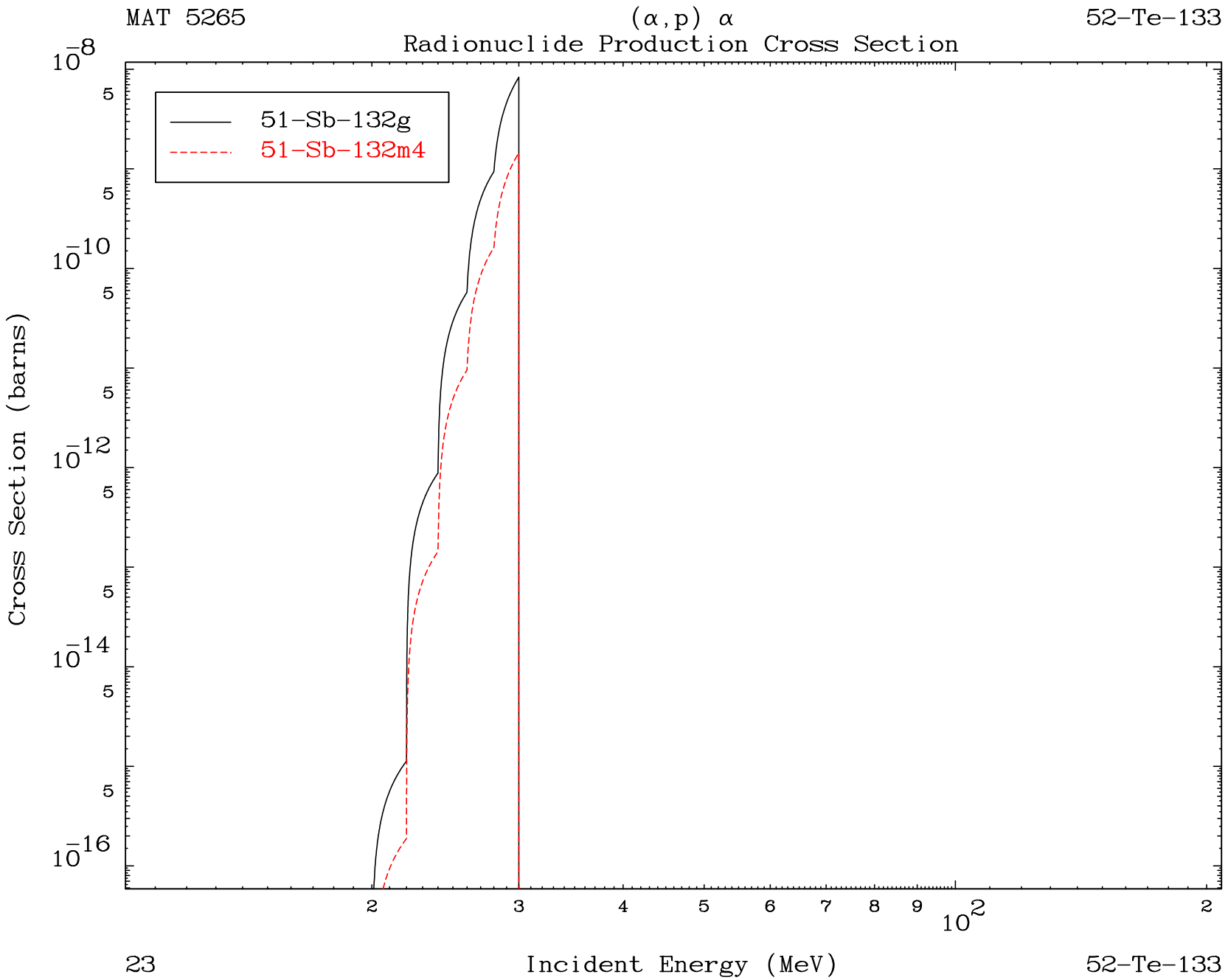

MAT 5265
(α,4n)
52-Te-133
Radionuclide Production Cross Section
54-Xe-133g
54-Xe-133m1
Cross Section (barns)
Incident Energy (MeV)
18
52-Te-133


MAT 5265
(α,2n) p
52-Te-133
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
52-Te-133


MAT 5265
(α,p)
52-Te-133
Radionuclide Production Cross Section
53-I -136g
53-I -136m6
Cross Section (barns)
Incident Energy (MeV)
20
52-Te-133


MAT 5265
(α,t)
52-Te-133
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
52-Te-133


MAT 5265
(α,α)
52-Te-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
22
52-Te-133


MAT 5265
(α,p) α
52-Te-133
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m4
Cross Section (barns)
Incident Energy (MeV)
23
52-Te-133