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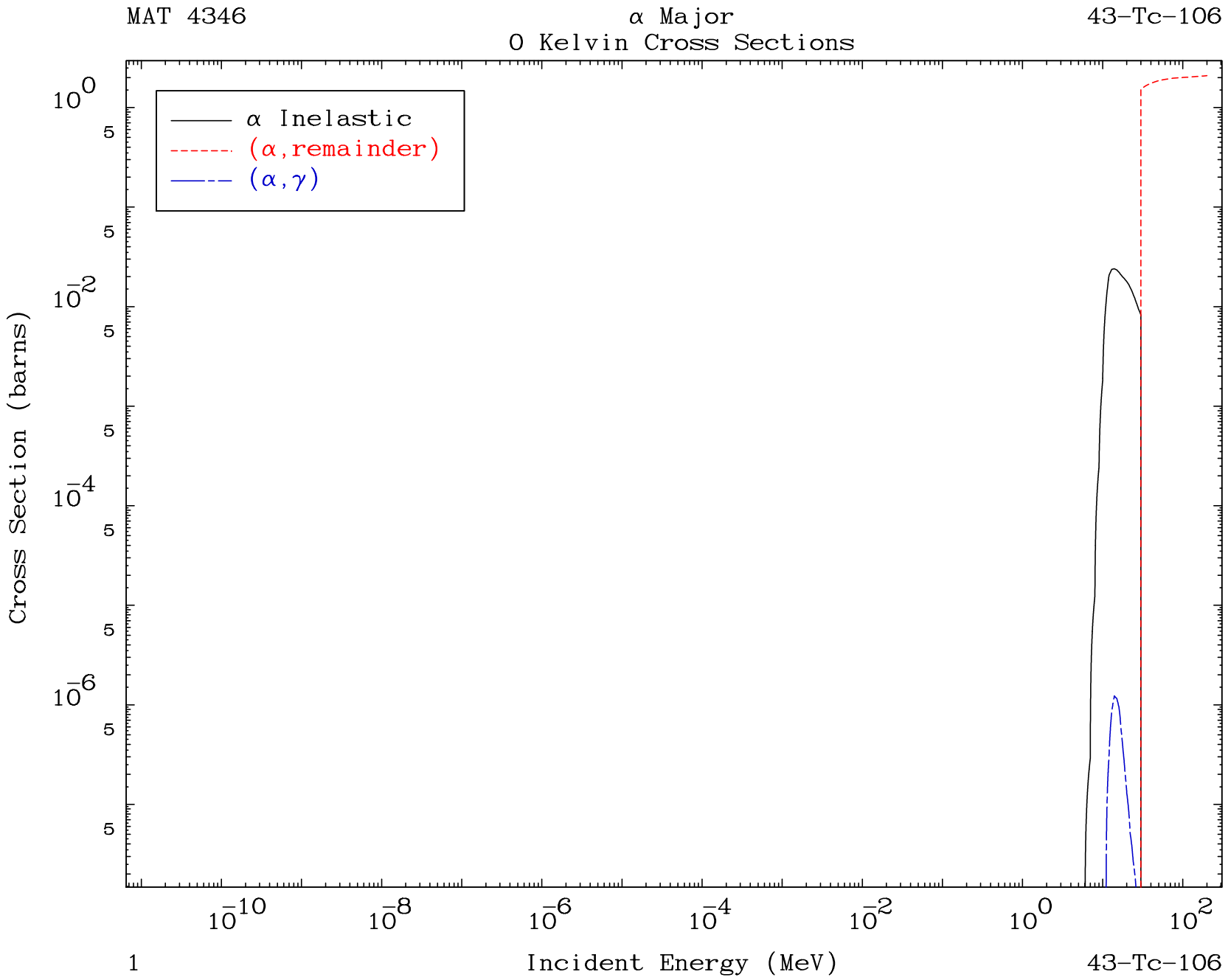
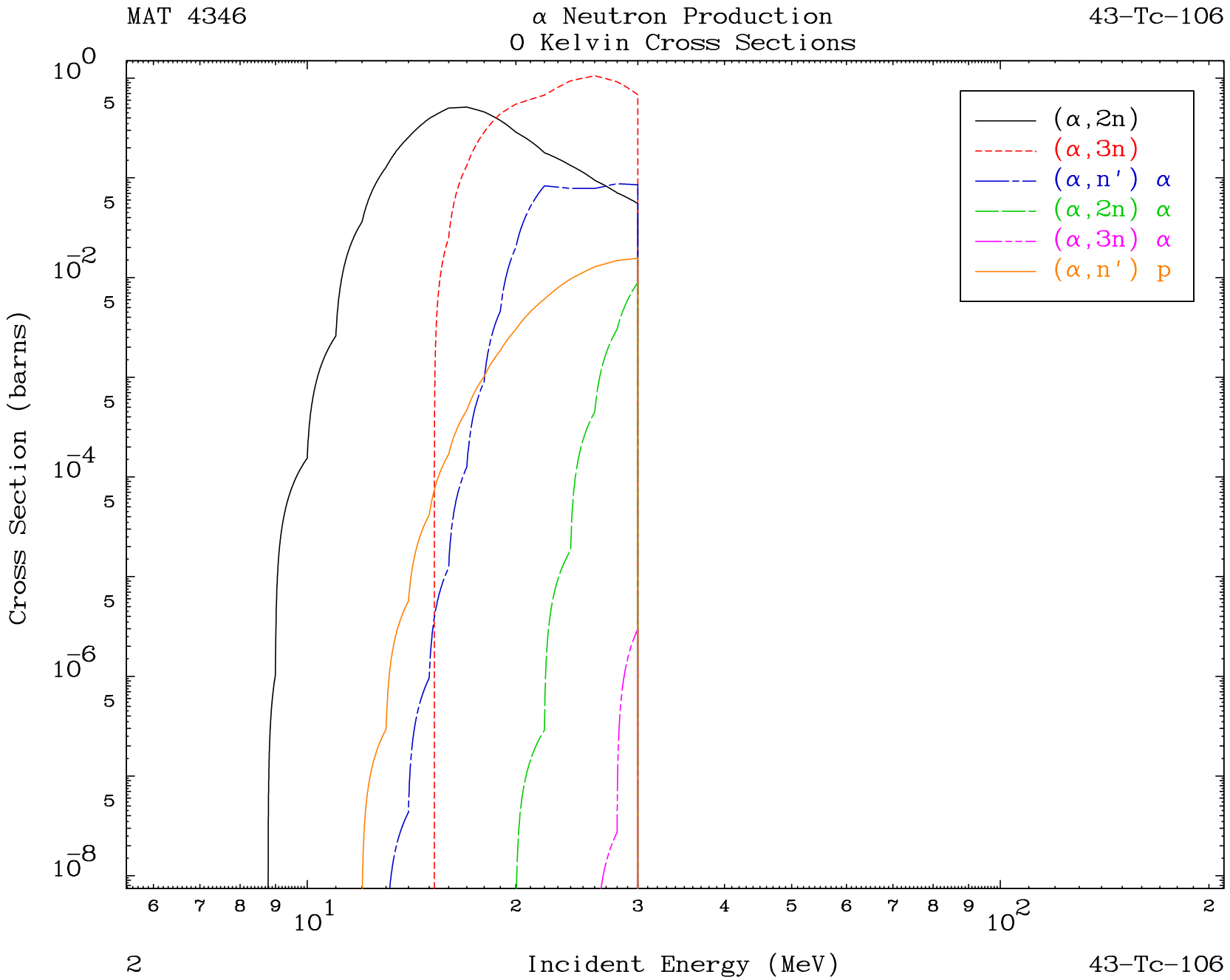
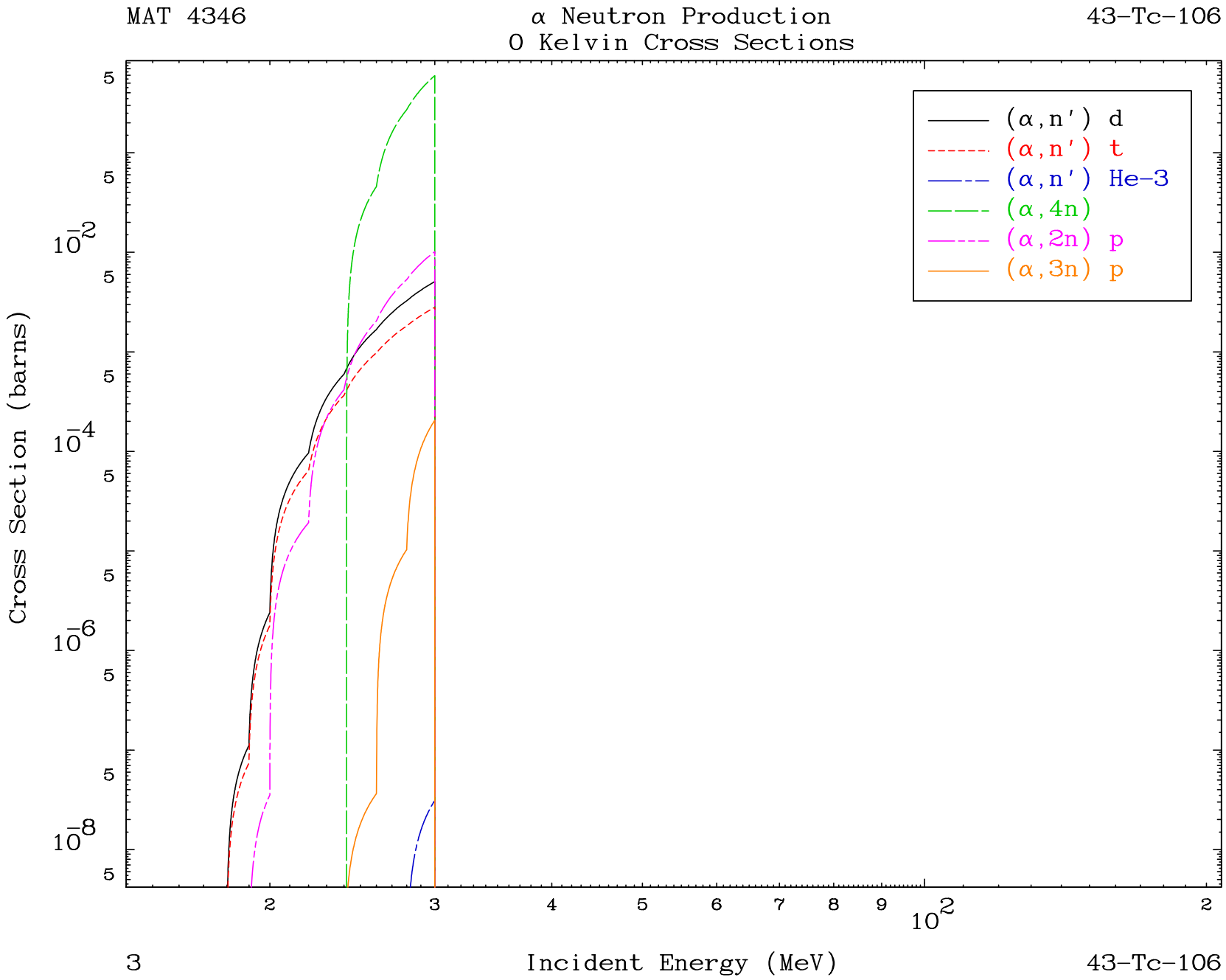
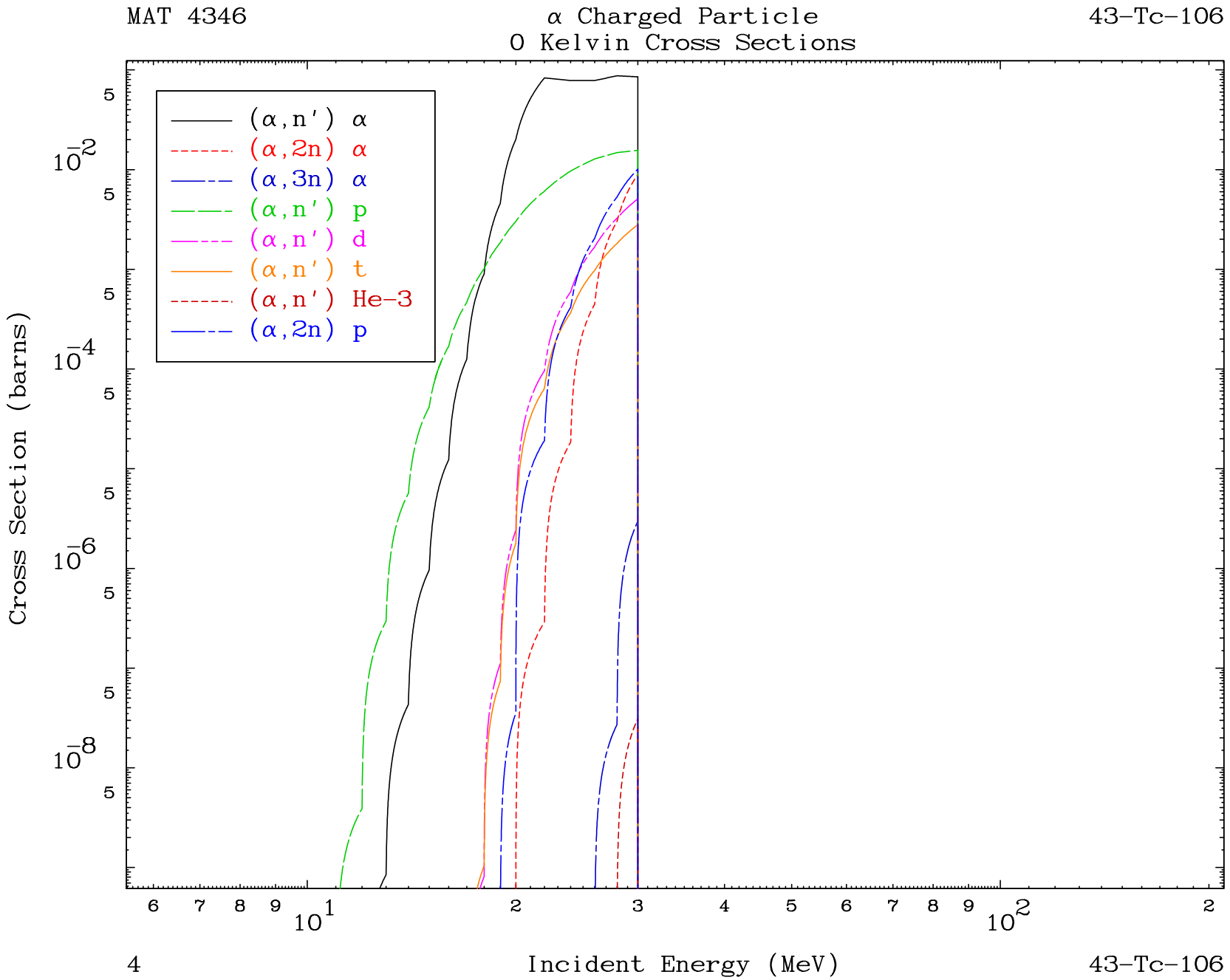
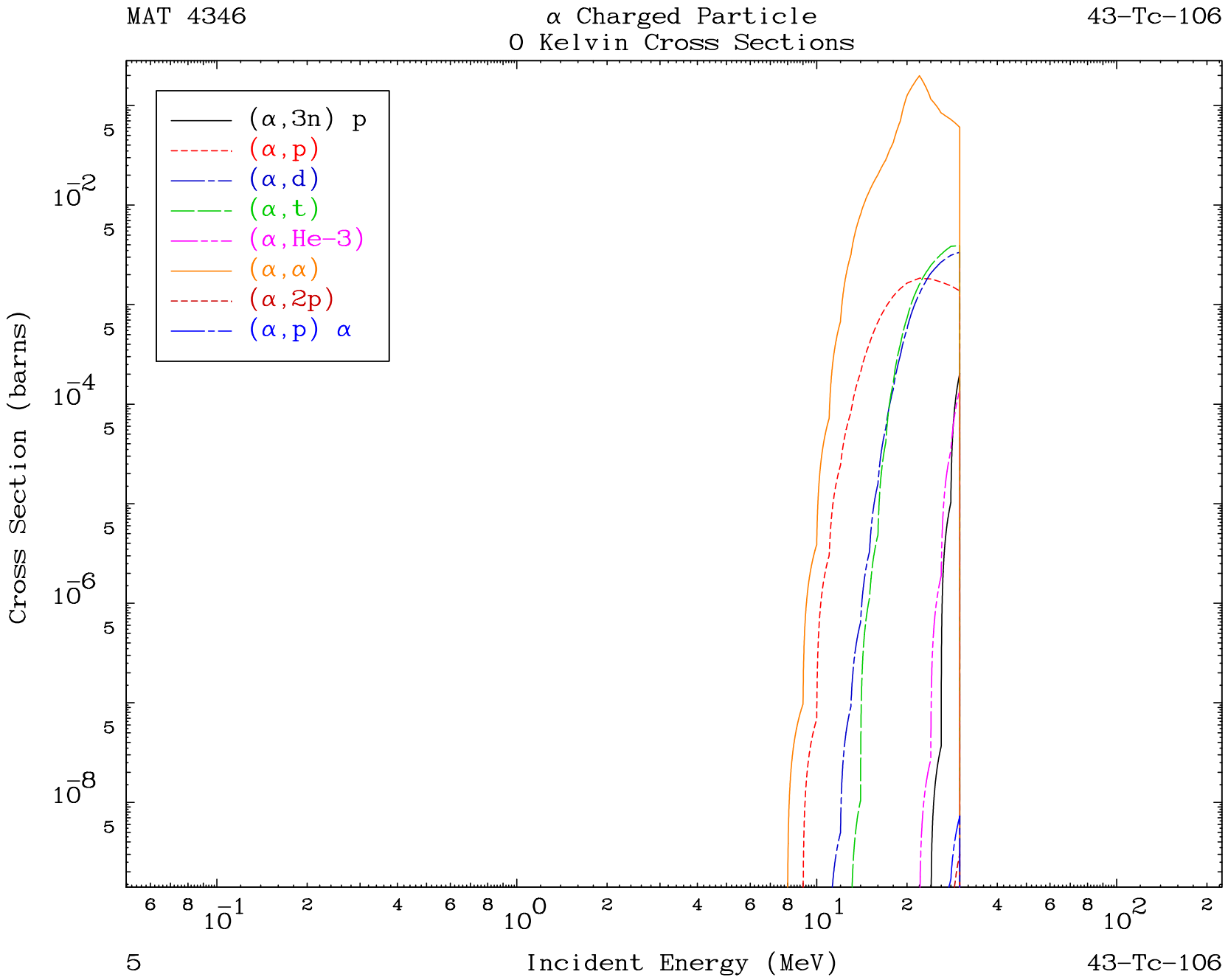
Press Mouse Button to Start

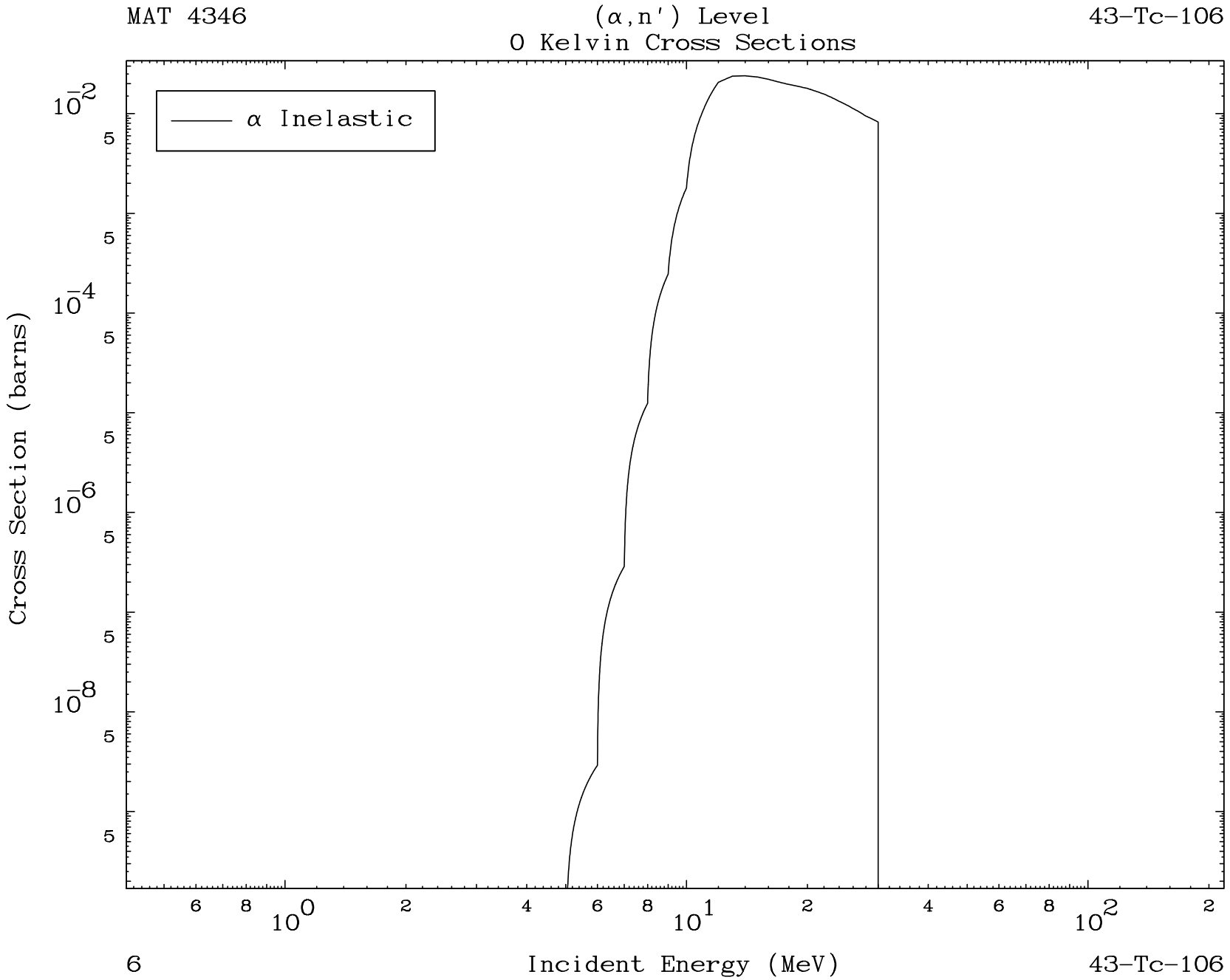

MAT 4346
α Major
43-Tc-106
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
43-Tc-106

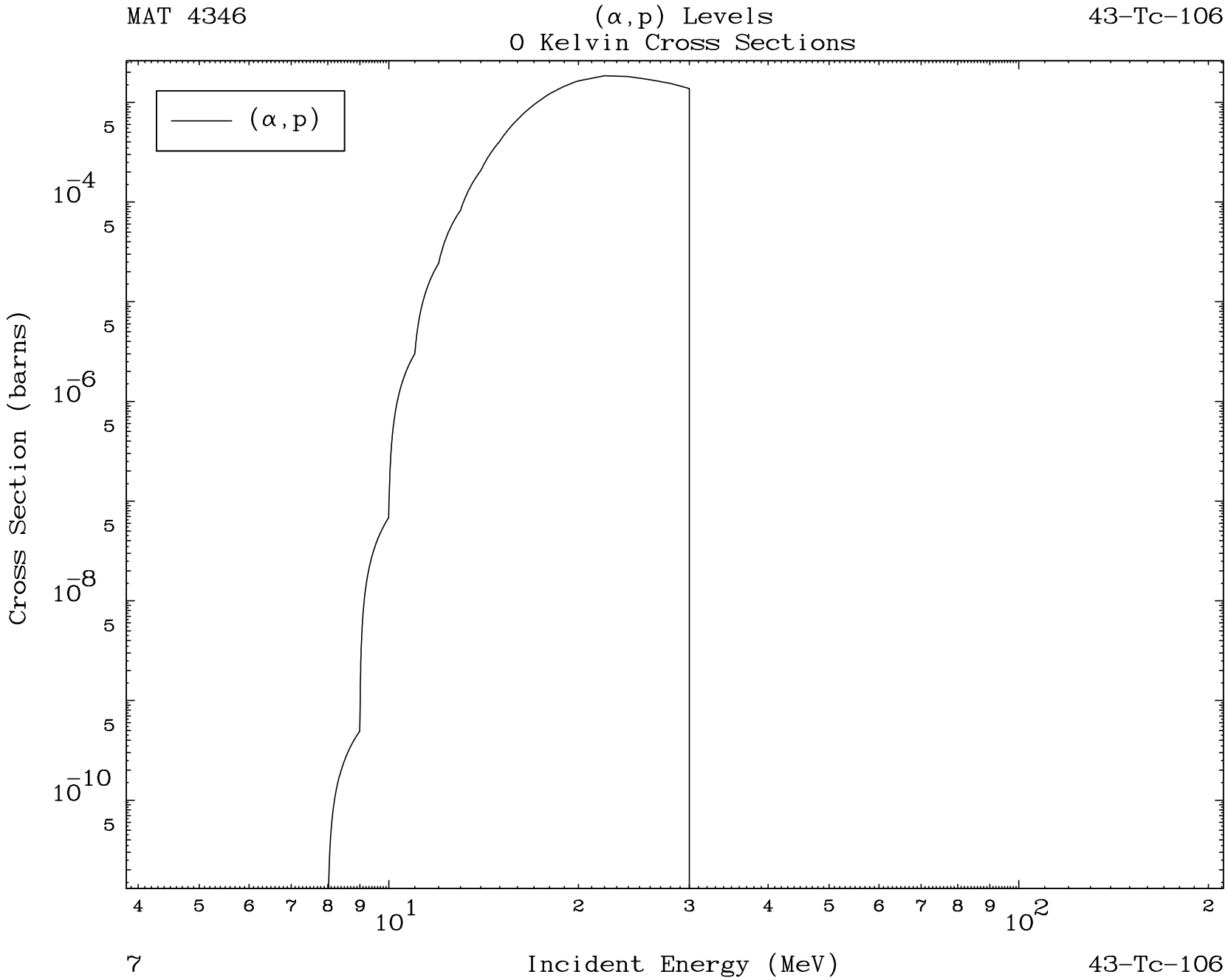

MAT 4346
α Neutron Production
0 Kelvin Cross Sections
43-Tc-106
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p

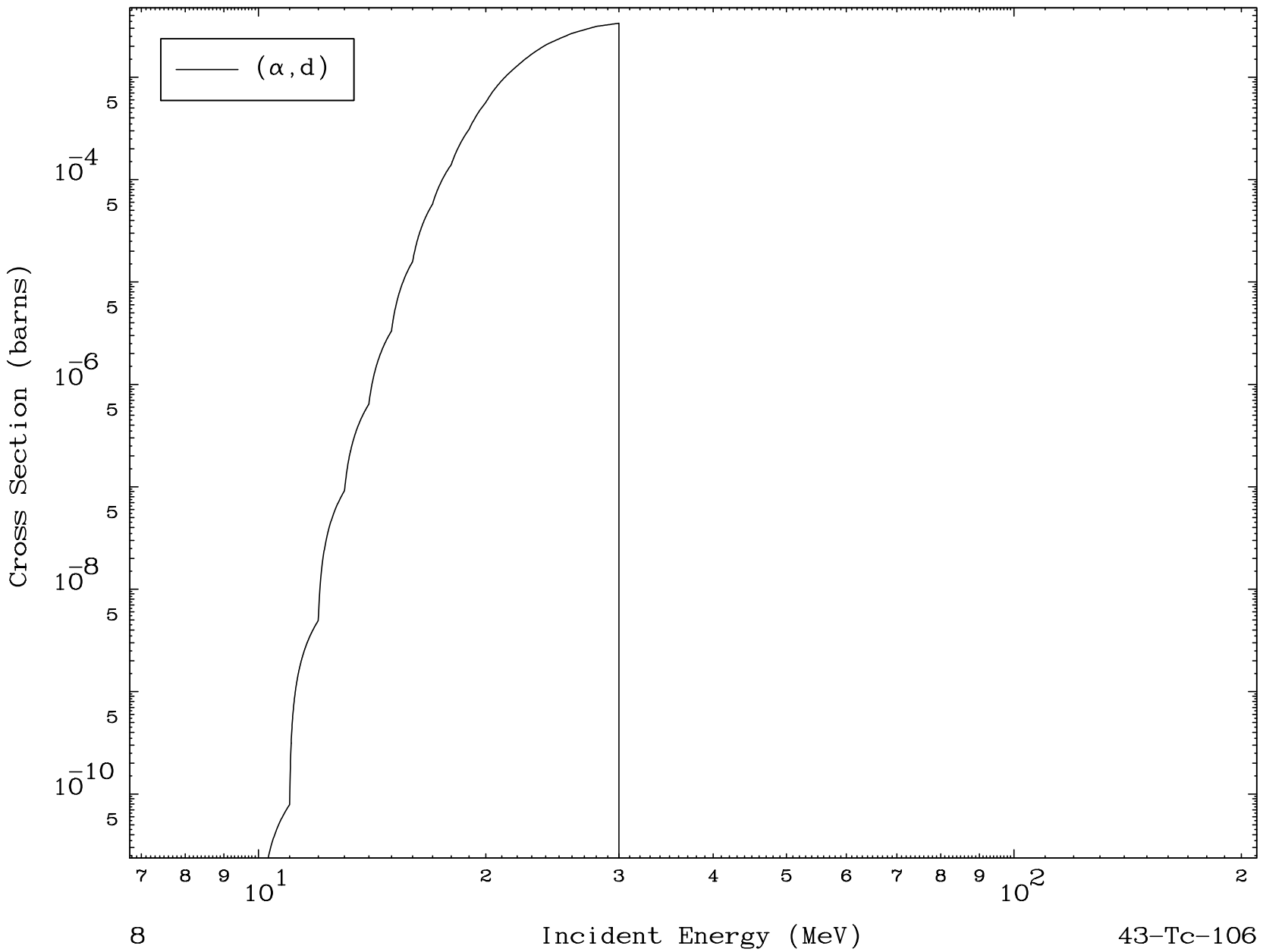

MAT 4346
α Neutron Production
0 Kelvin Cross Sections
43-Tc-106
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-106

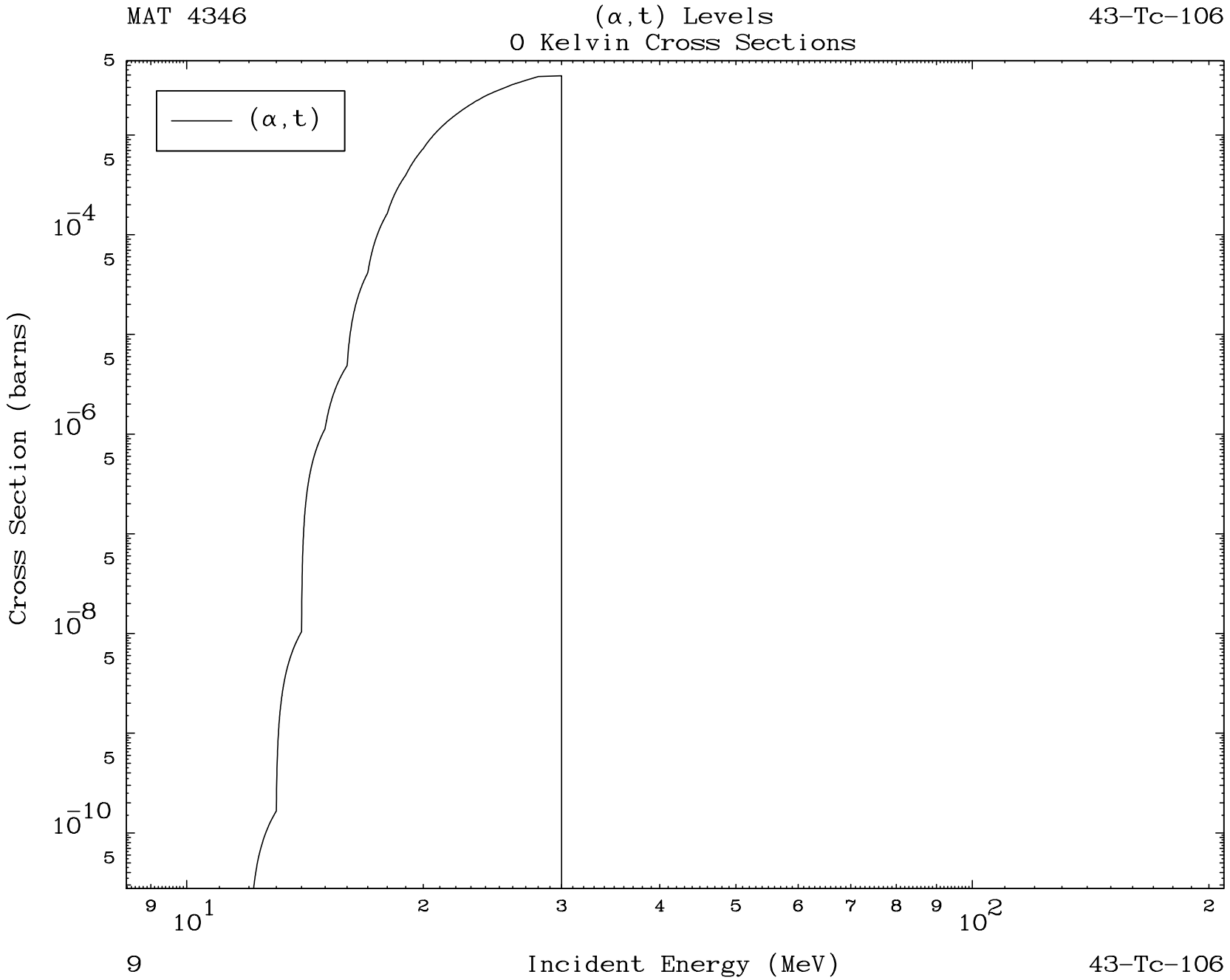

MAT 4346
α Charged Particle
0 Kelvin Cross Sections
43-Tc-106
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-106

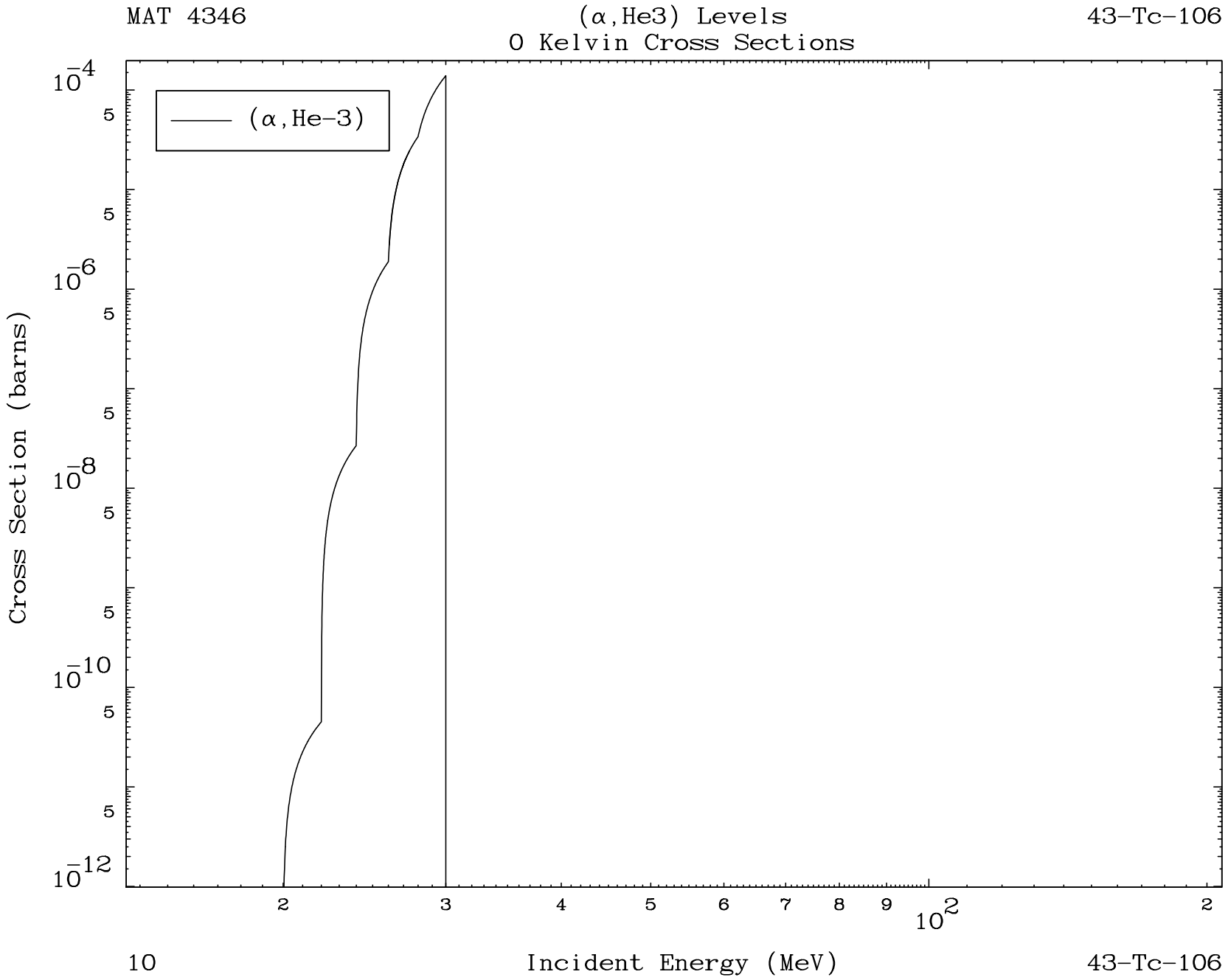

MAT 4346
α Charged Particle
0 Kelvin Cross Sections
43-Tc-106
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
5
43-Tc-106

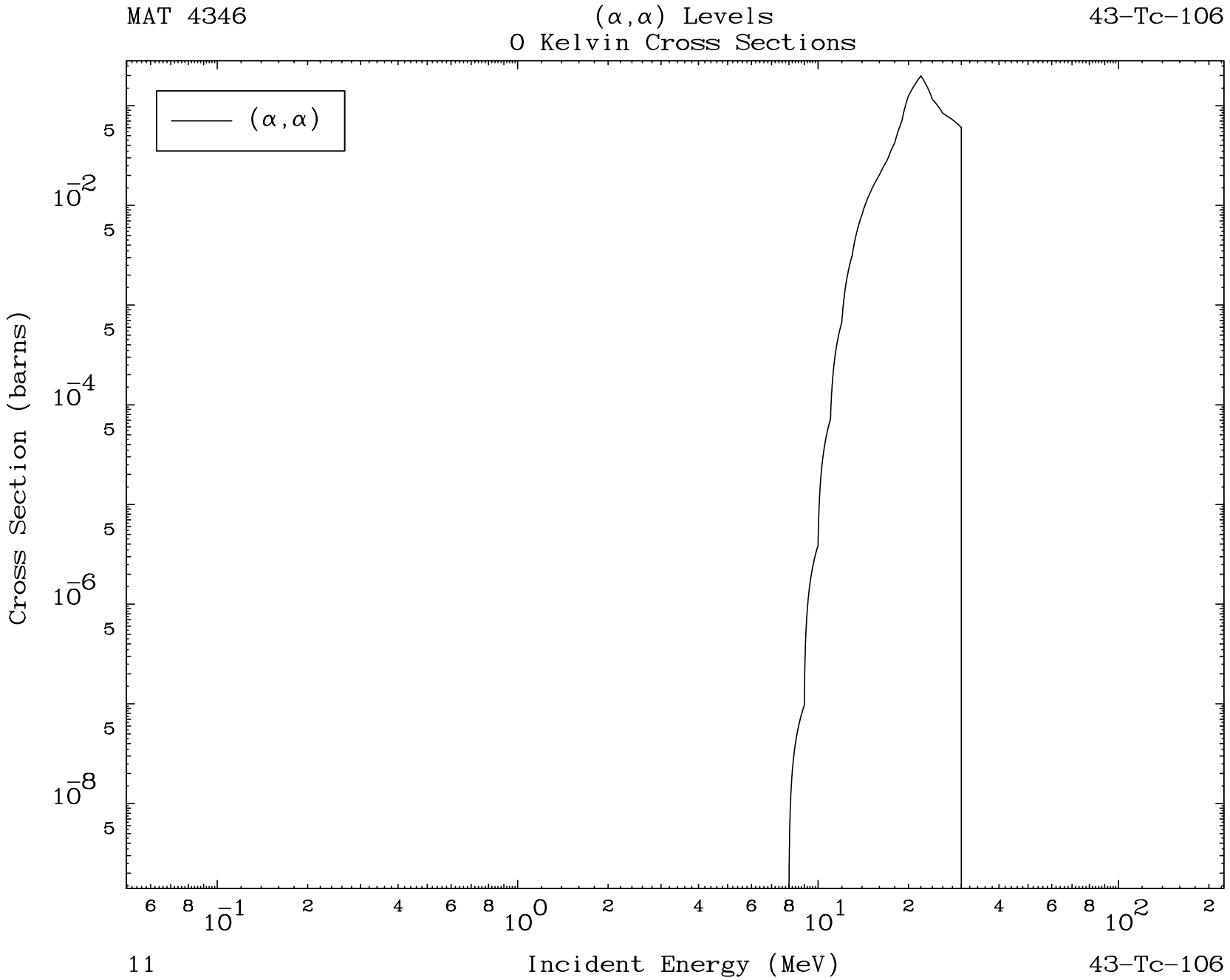

MAT 4346
(α,n') Level
43-Tc-106
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)
6
43-Tc-106

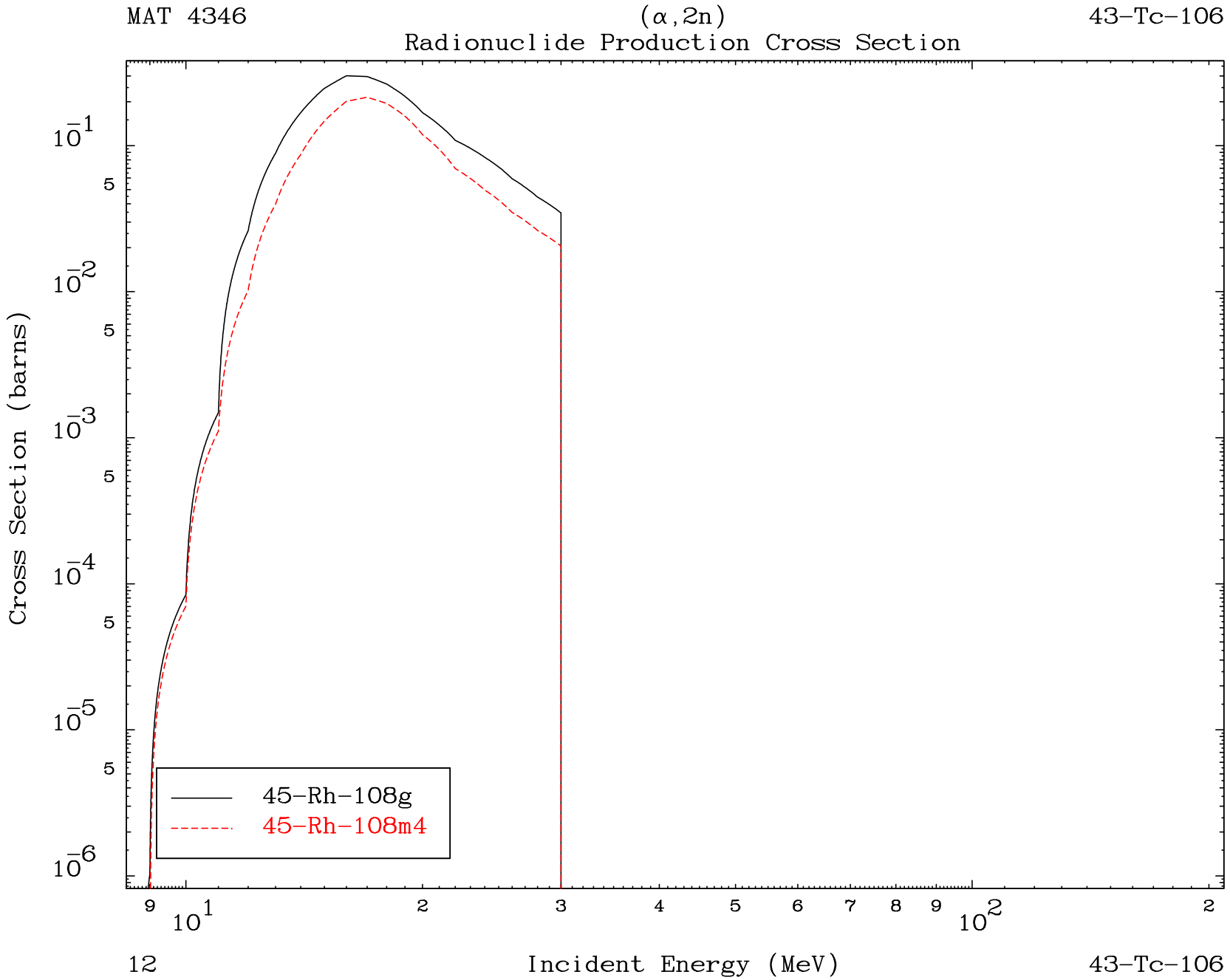

MAT 4346
(α,p) Levels
43-Tc-106
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
43-Tc-106

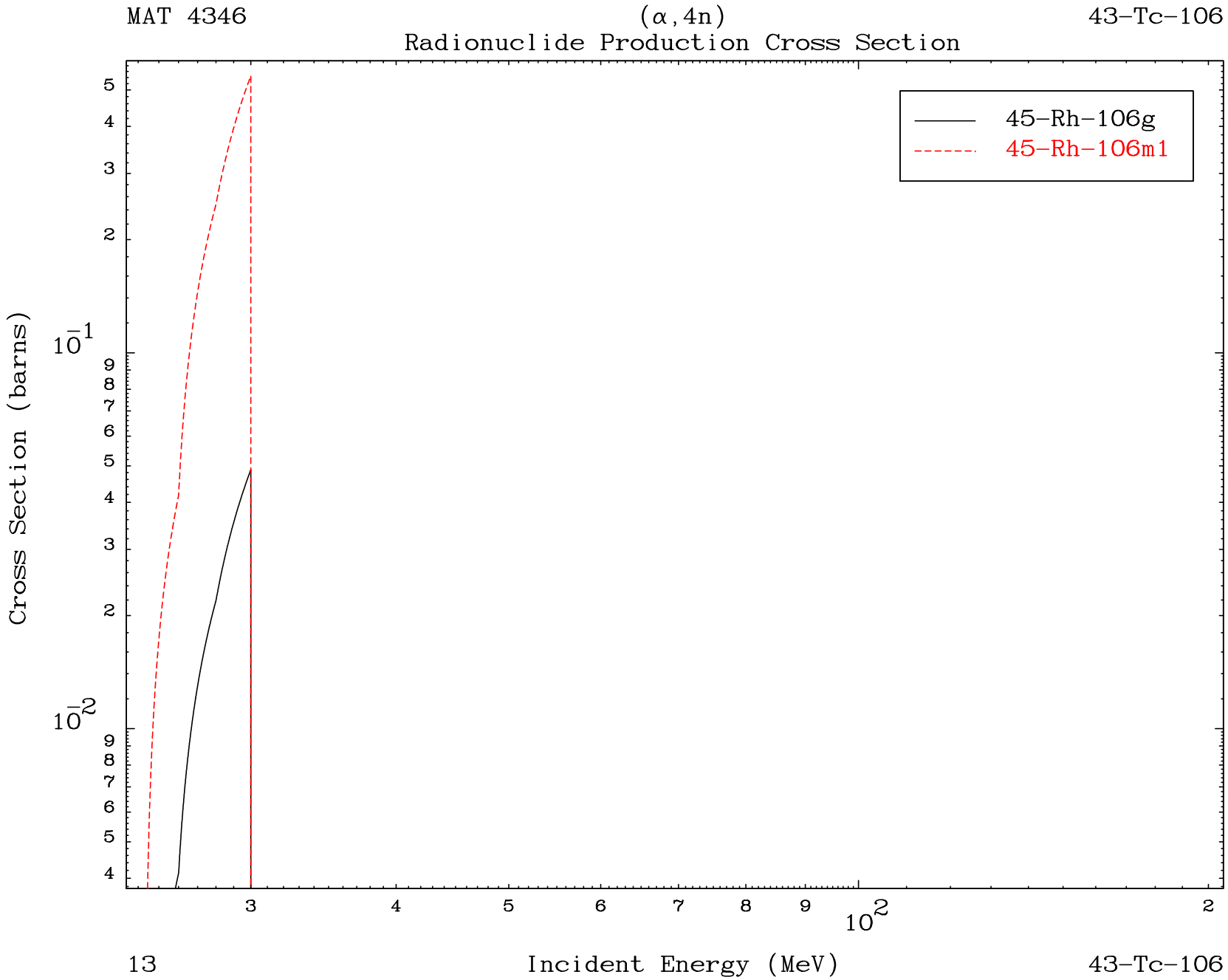

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10⁻4
10⁻6
10⁻8
10⁻10
5
7 8 9 10¹ 2 3 4 5 6 7 8 9 10² 2
Incident Energy (MeV)

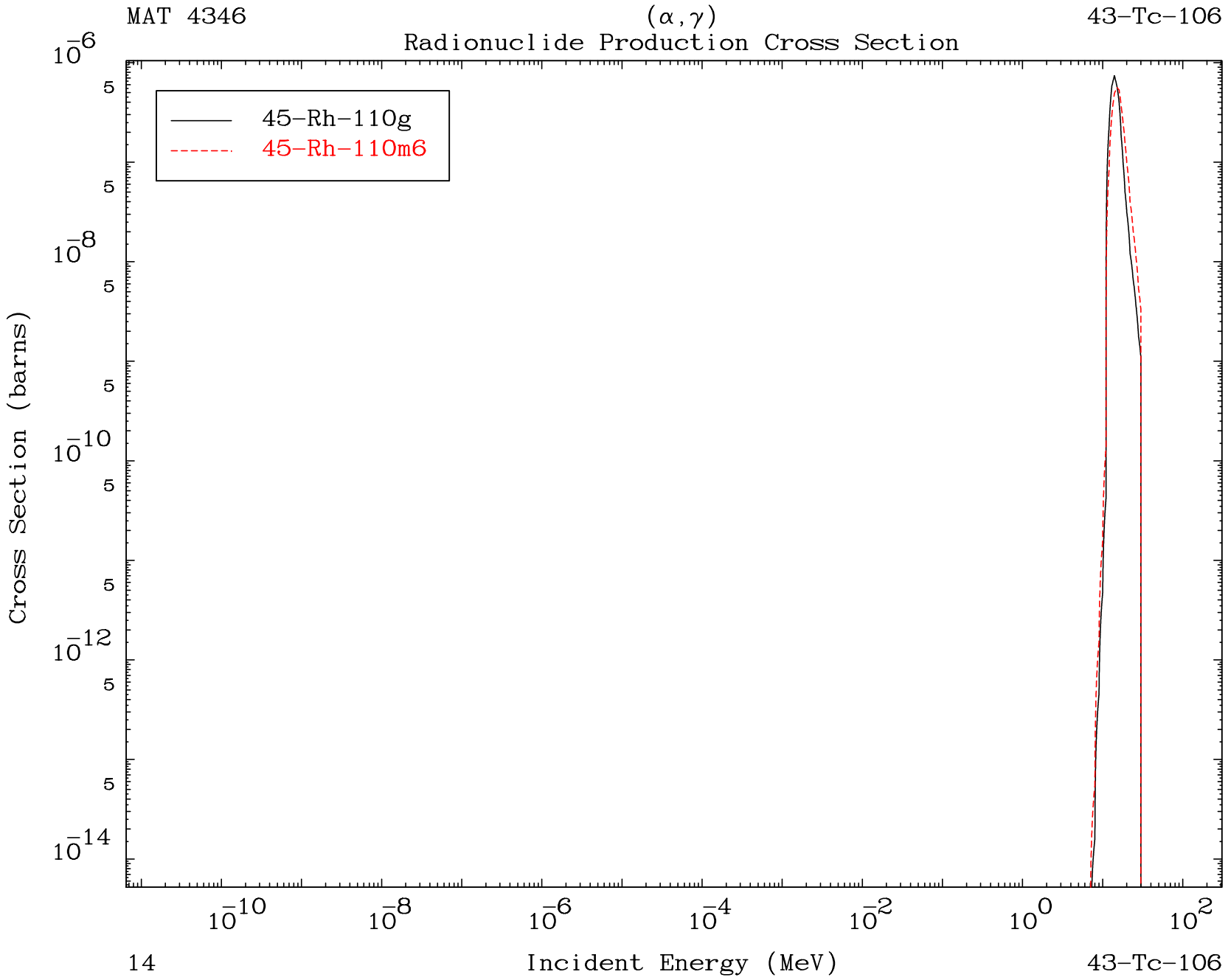

MAT 4346
(α,t) Levels
43-Tc-106
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-106
9


MAT 4346
(α,He3) Levels
43-Tc-106
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
43-Tc-106


MAT 4346
(α,α) Levels
43-Tc-106
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
11
43-Tc-106


MAT 4346
(α,2n)
43-Tc-106
Radionuclide Production Cross Section
Cross Section (barns)
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
45-Rh-108g
45-Rh-108m4
10^1
10^2
Incident Energy (MeV)
12
43-Tc-106


MAT 4346
(α,4n)
43-Tc-106
Radionuclide Production Cross Section
45-Rh-106g
45-Rh-106m1
Cross Section (barns)
10^1
10^2
5
4
3
2
9
8
7
6
5
4
3
2
9
8
7
6
5
4
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
43-Tc-106


MAT 4346
(α,γ)
43-Tc-106
Radionuclide Production Cross Section
45-Rh-110g
45-Rh-110m6
Cross Section (barns)
Incident Energy (MeV)
14
43-Tc-106