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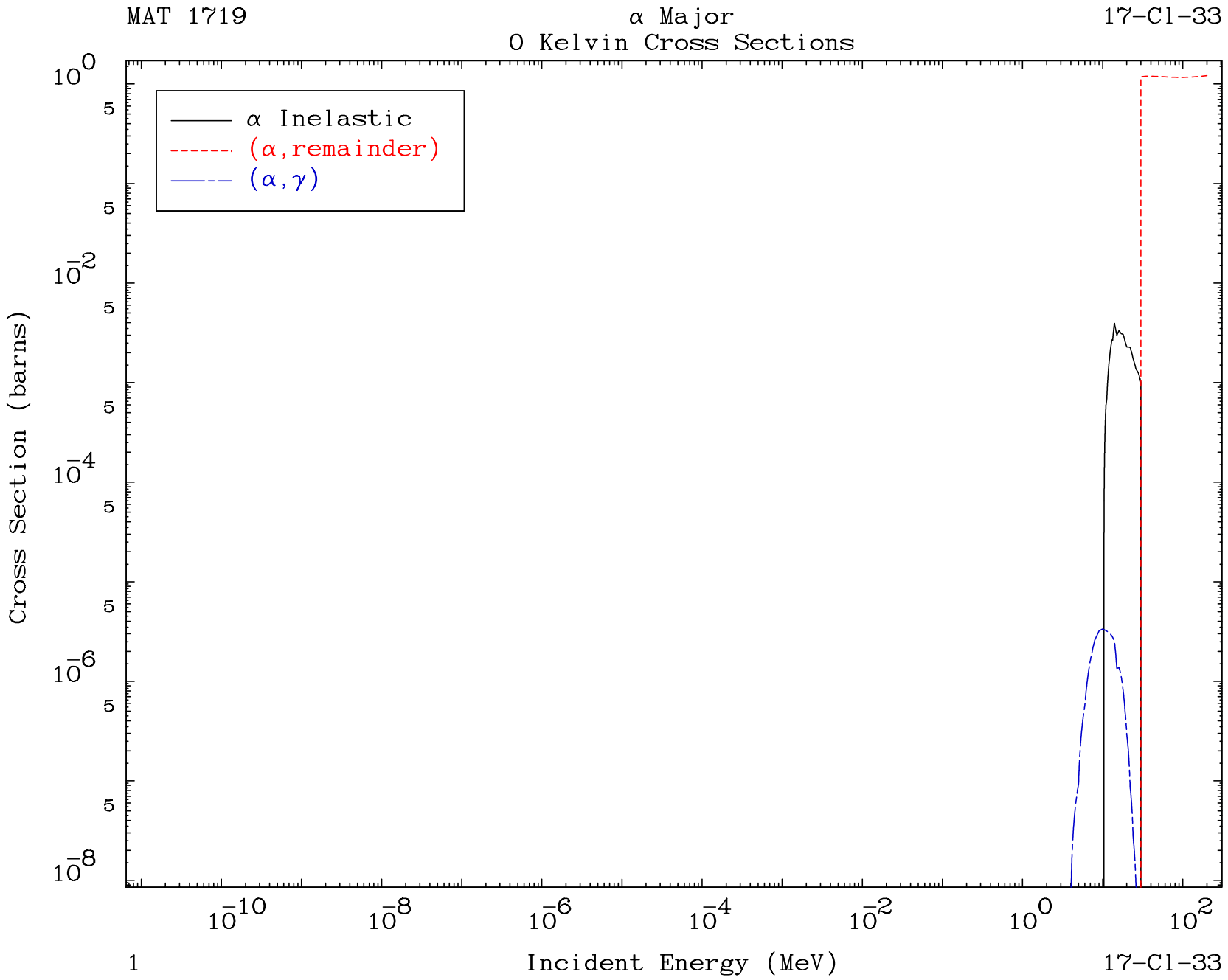
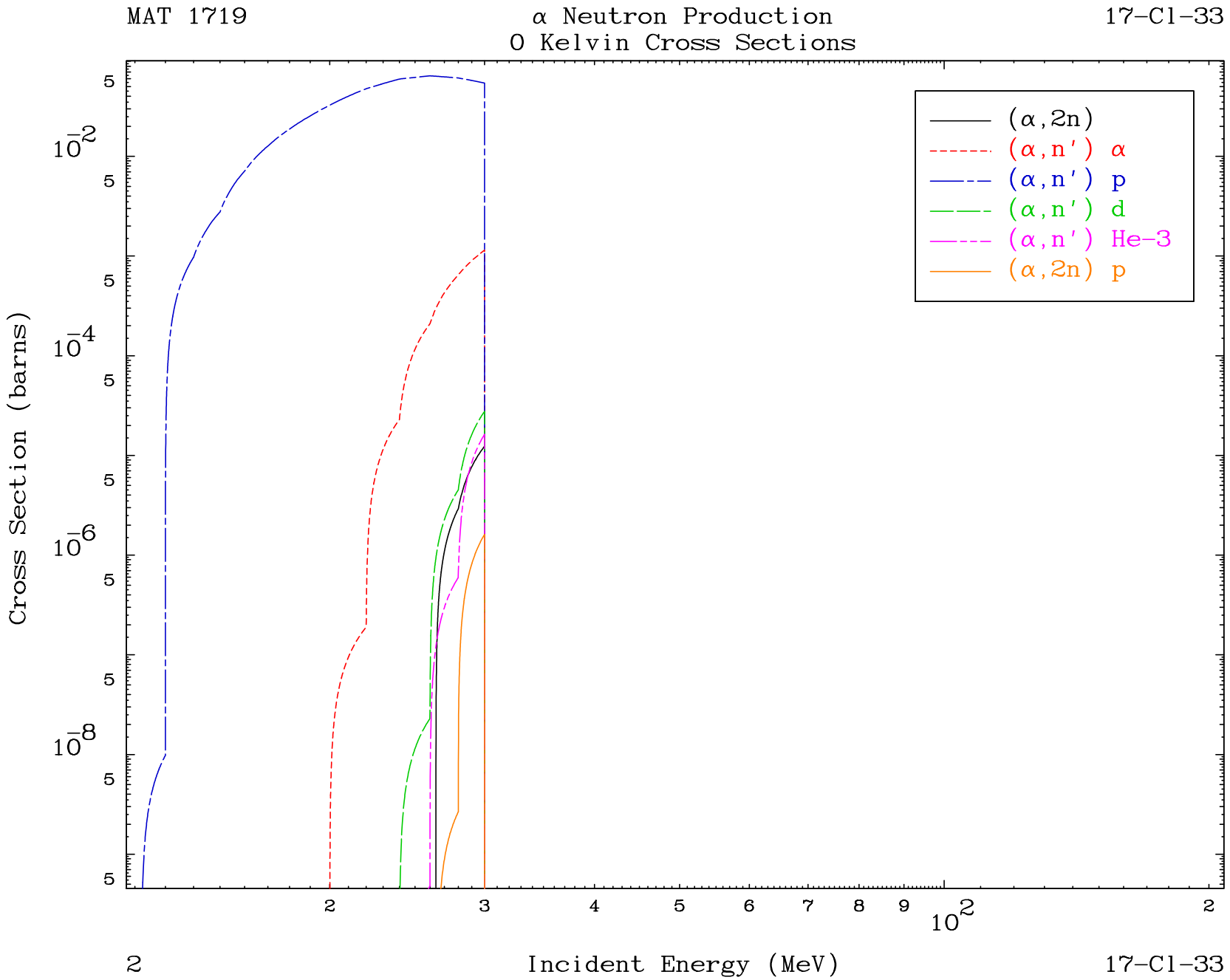
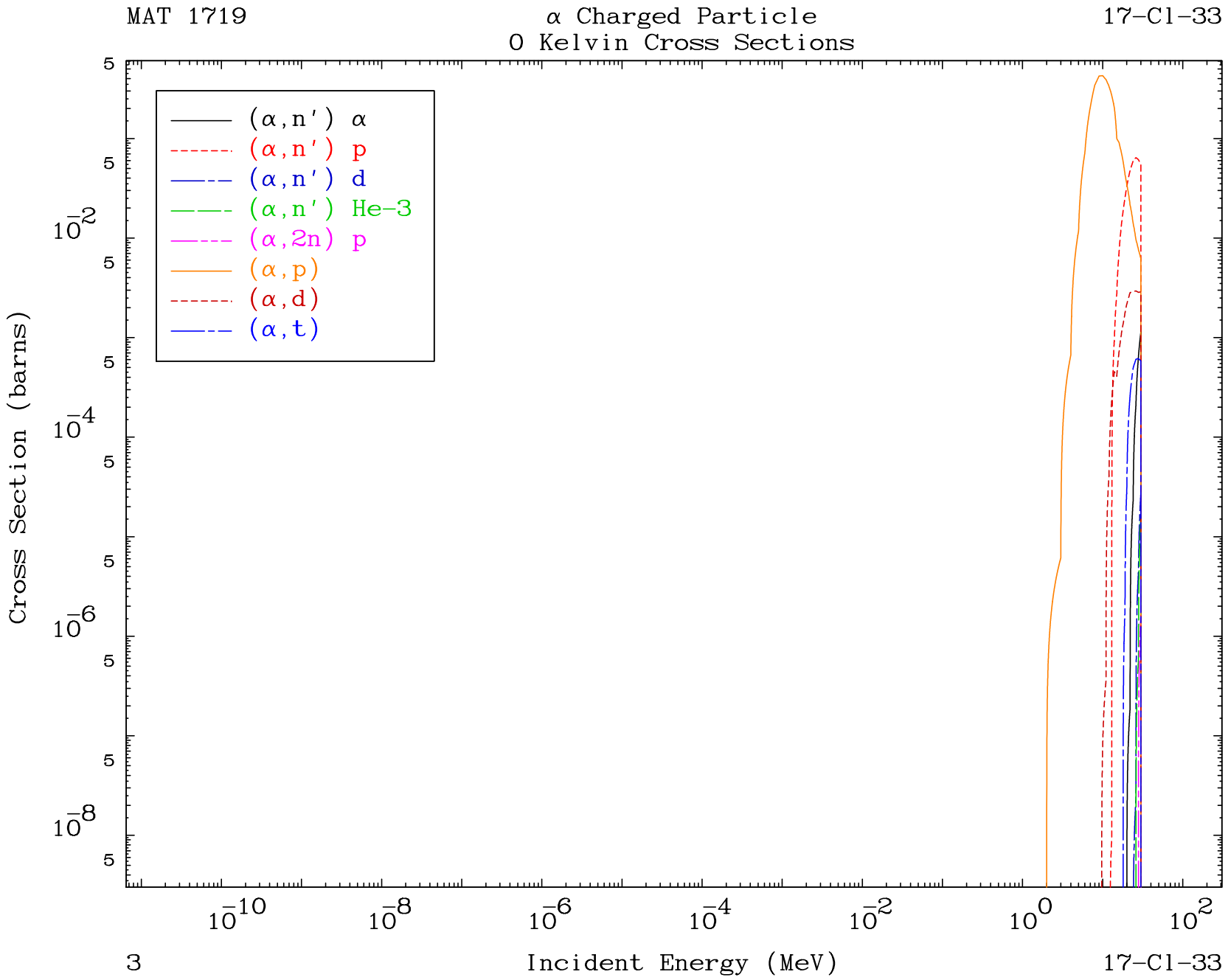
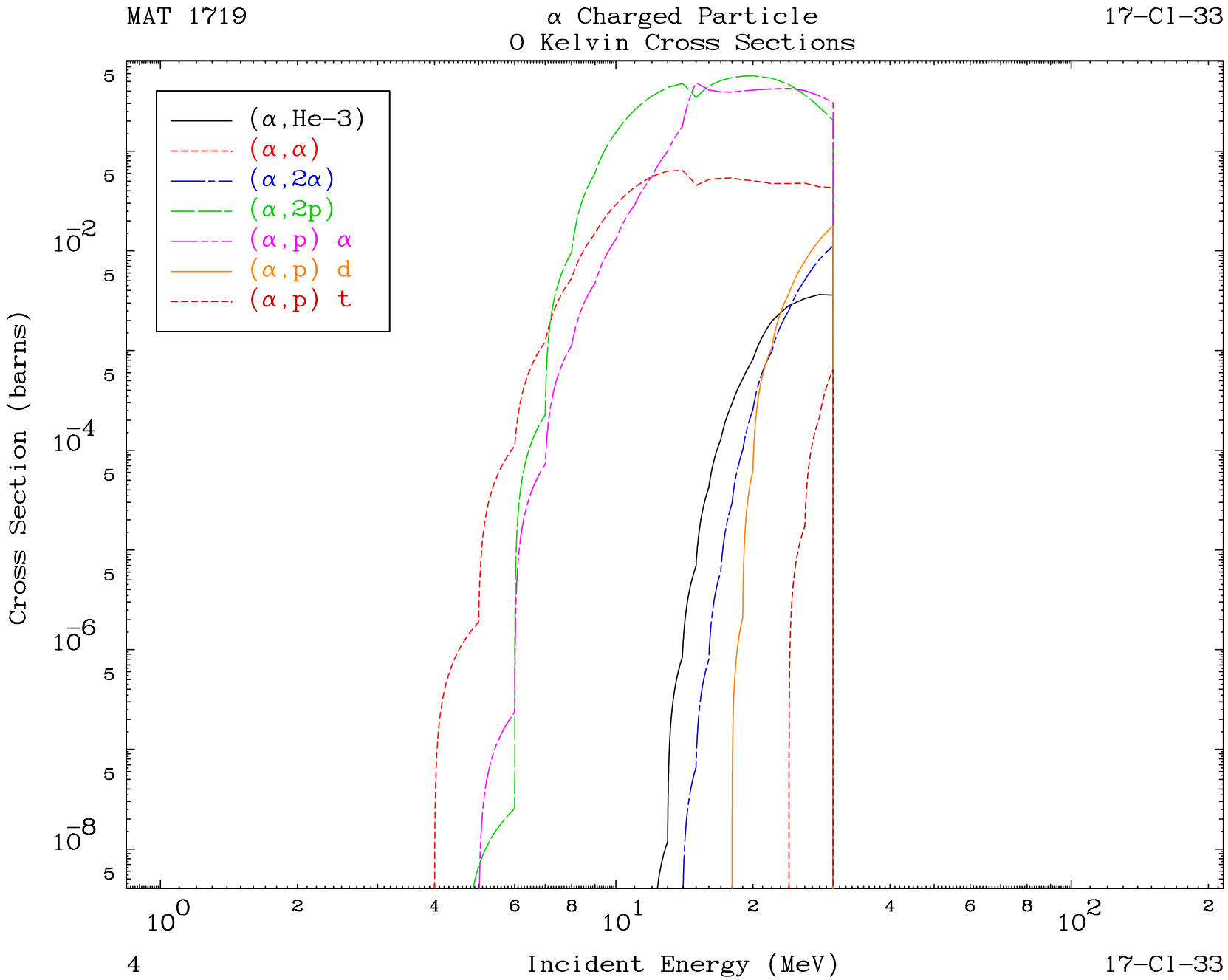
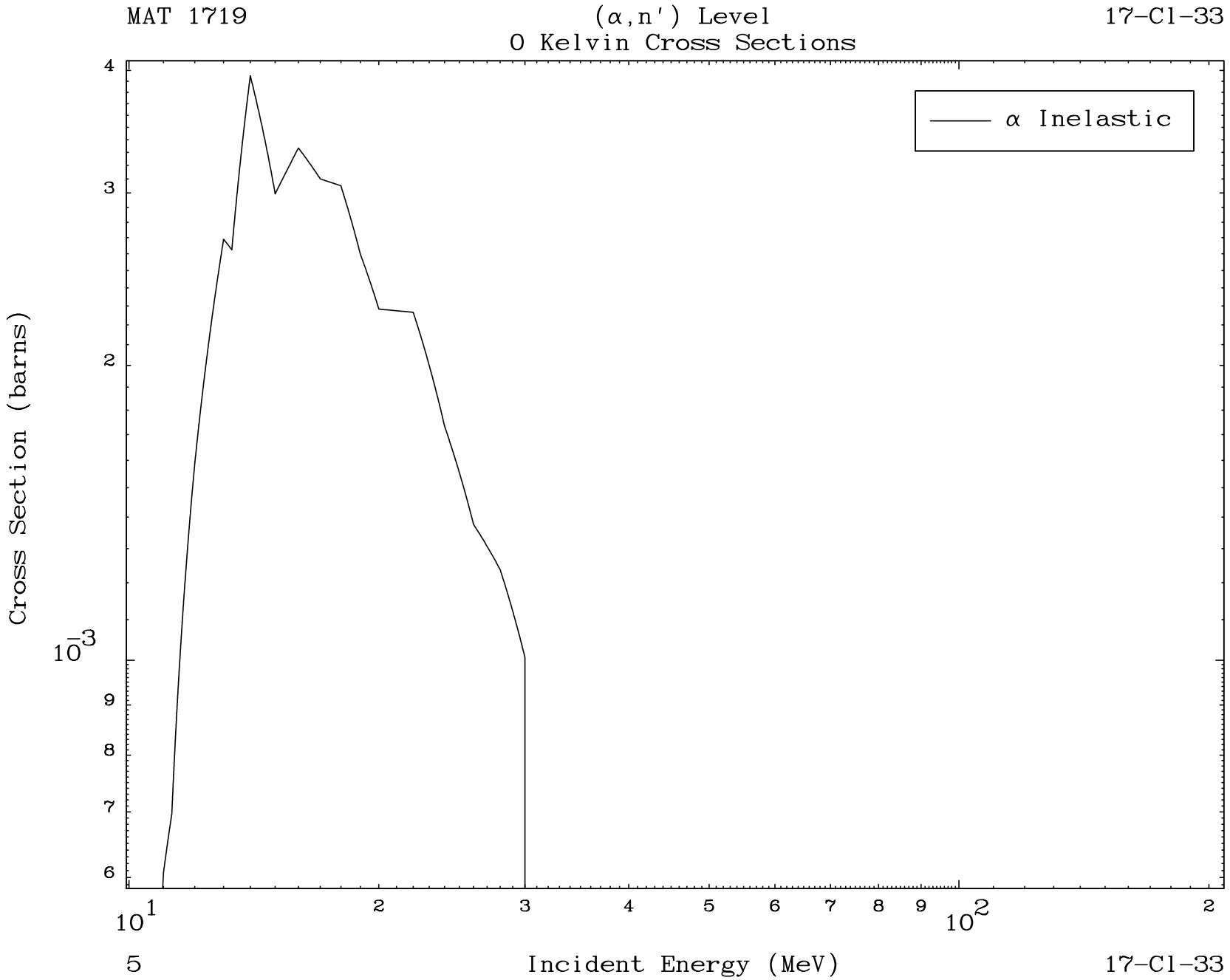
Press Mouse Button to Start

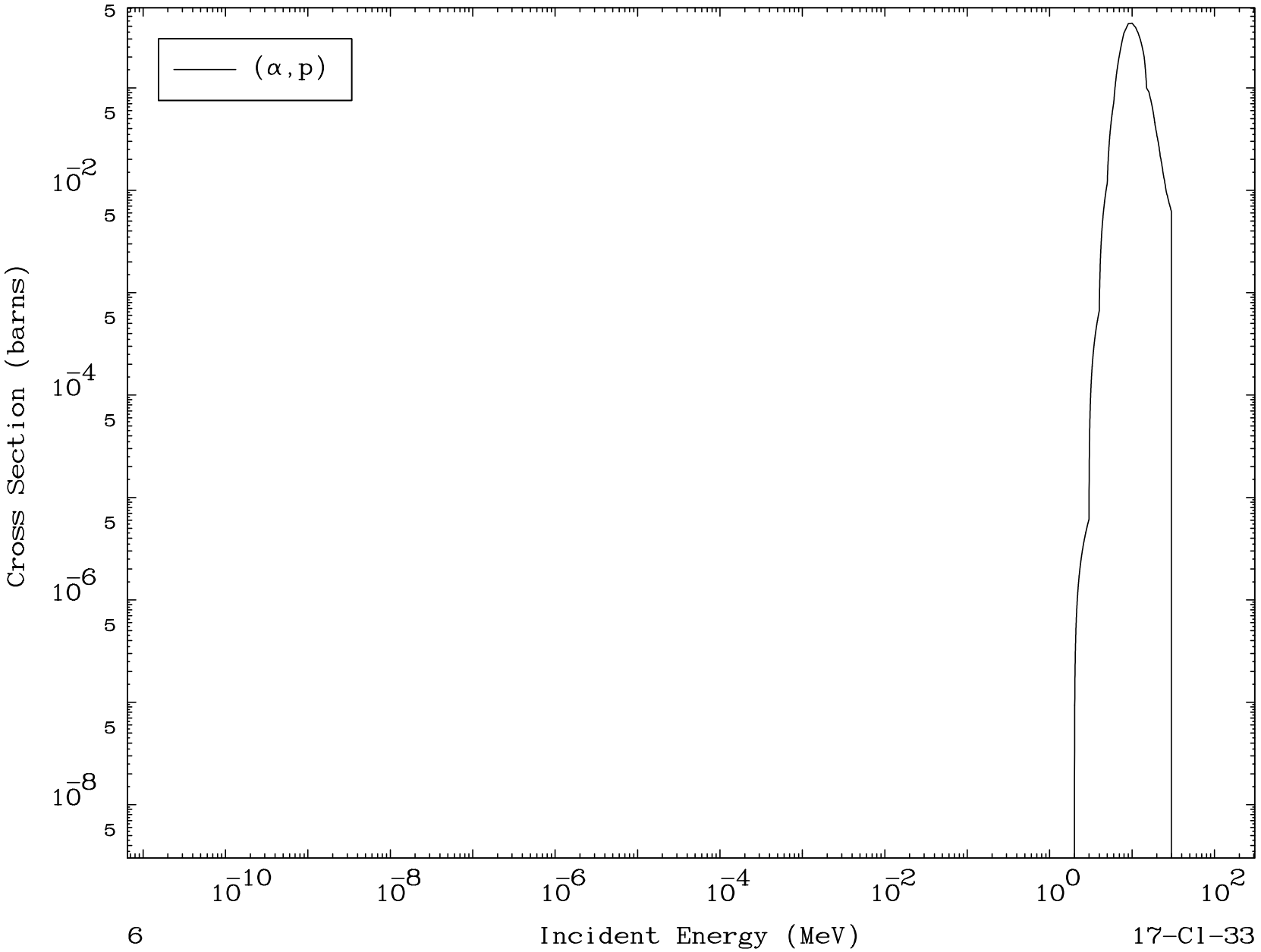

MAT 1719
α Major
17-Cl-33
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
17-Cl-33

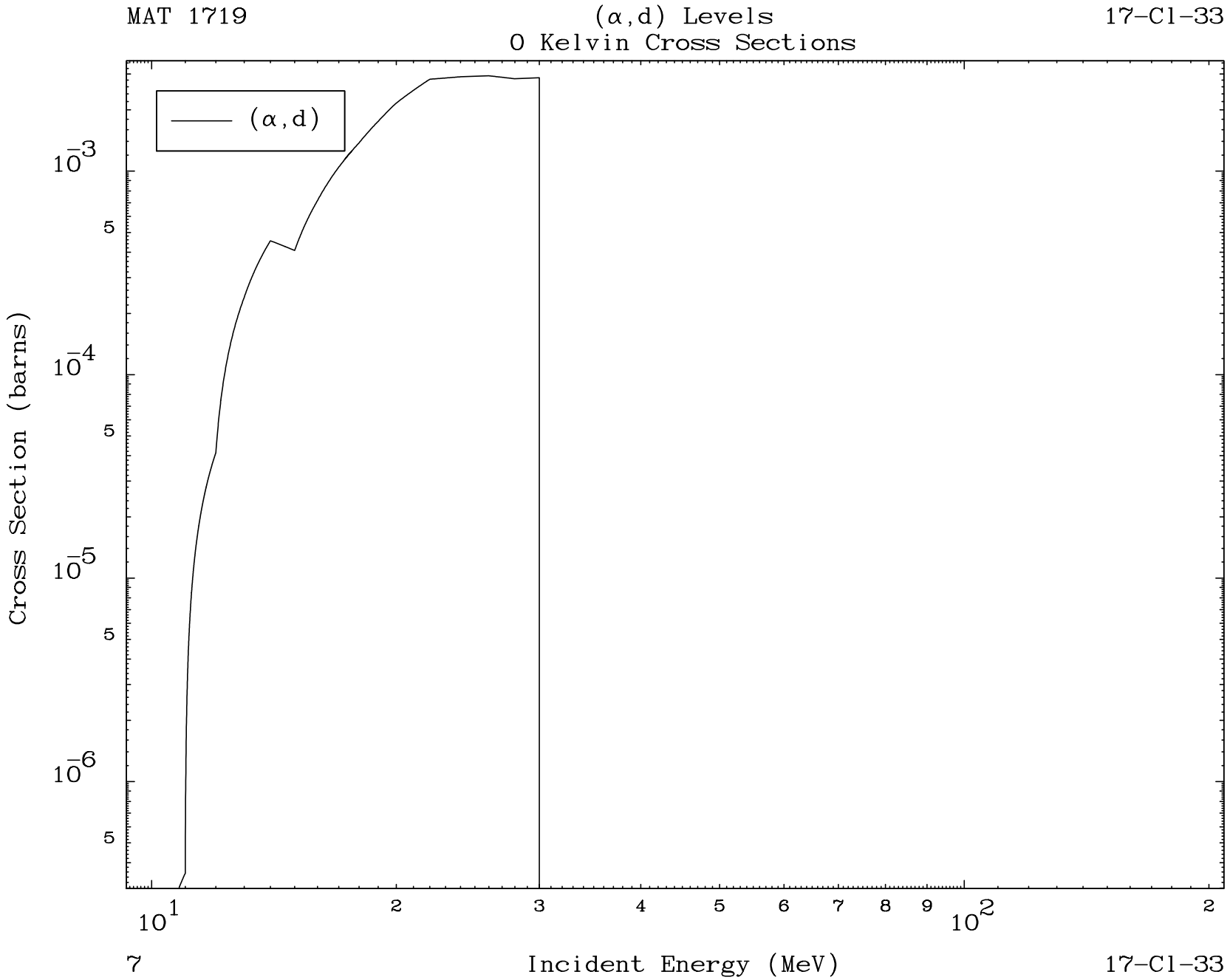

MAT 1719
α Neutron Production
0 Kelvin Cross Sections
17-Cl-33
(α,2n)
(α,n') α
(α,n') p
(α,n') d
(α,n') He-3
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
2
17-Cl-33


MAT 1719
α Charged Particle
0 Kelvin Cross Sections
17-Cl-33
(α,n') α
(α,n') p
(α,n') d
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
17-Cl-33

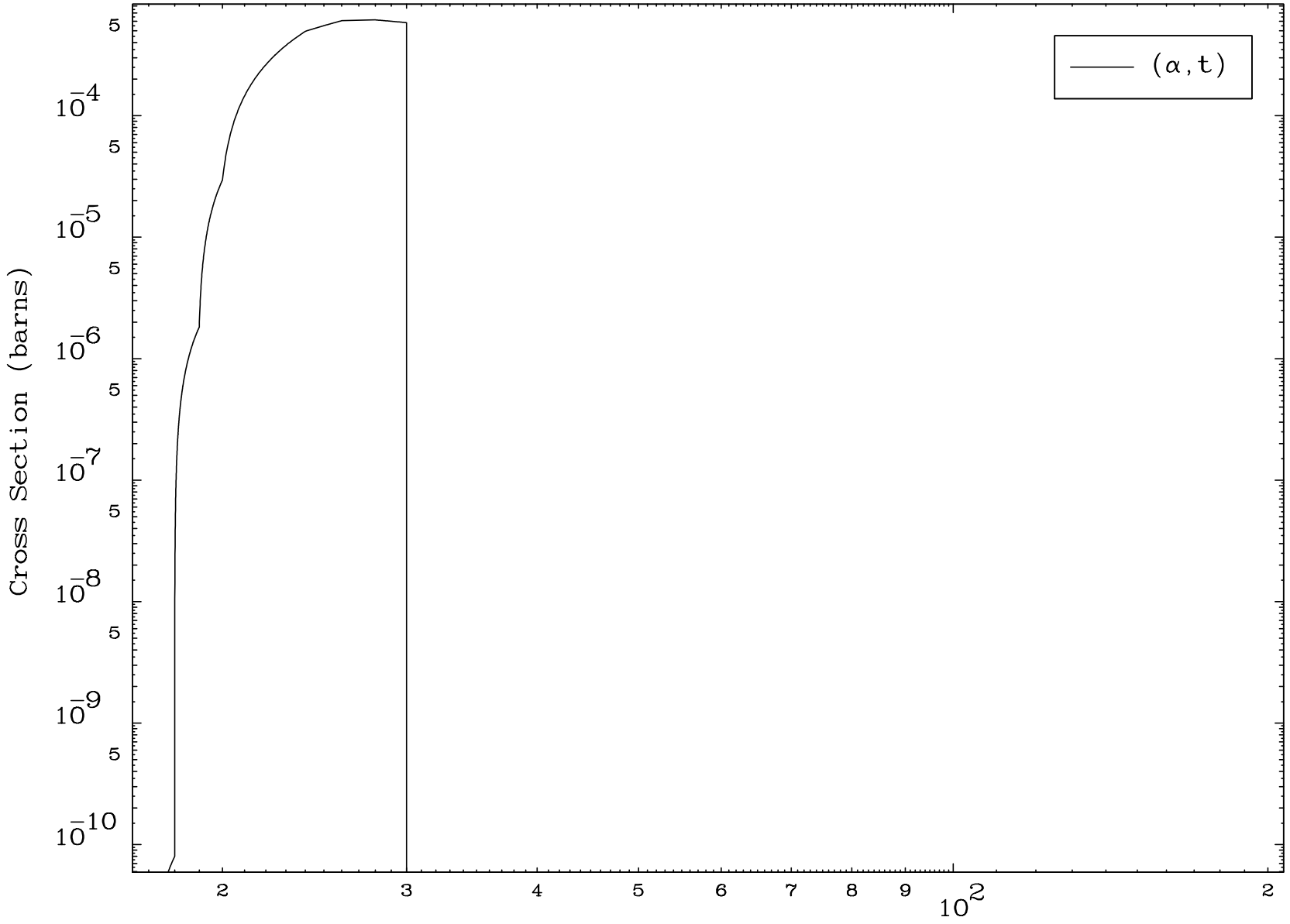

MAT 1719
α Charged Particle
0 Kelvin Cross Sections
17-Cl-33
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
17-Cl-33

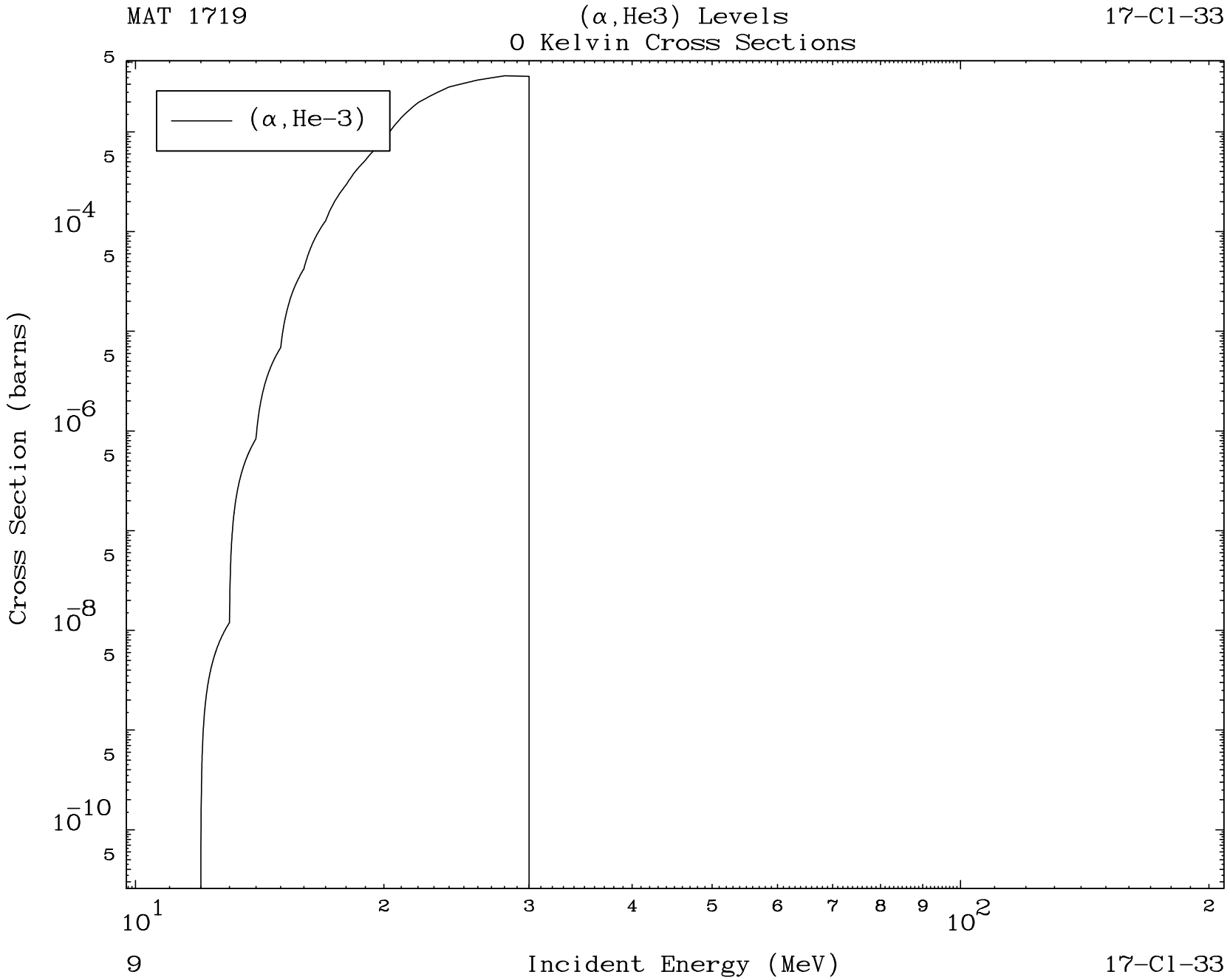

MAT 1719
(α,n') Level
17-Cl-33
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-3
4
3
2
9
8
7
6
10^1
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
17-Cl-33

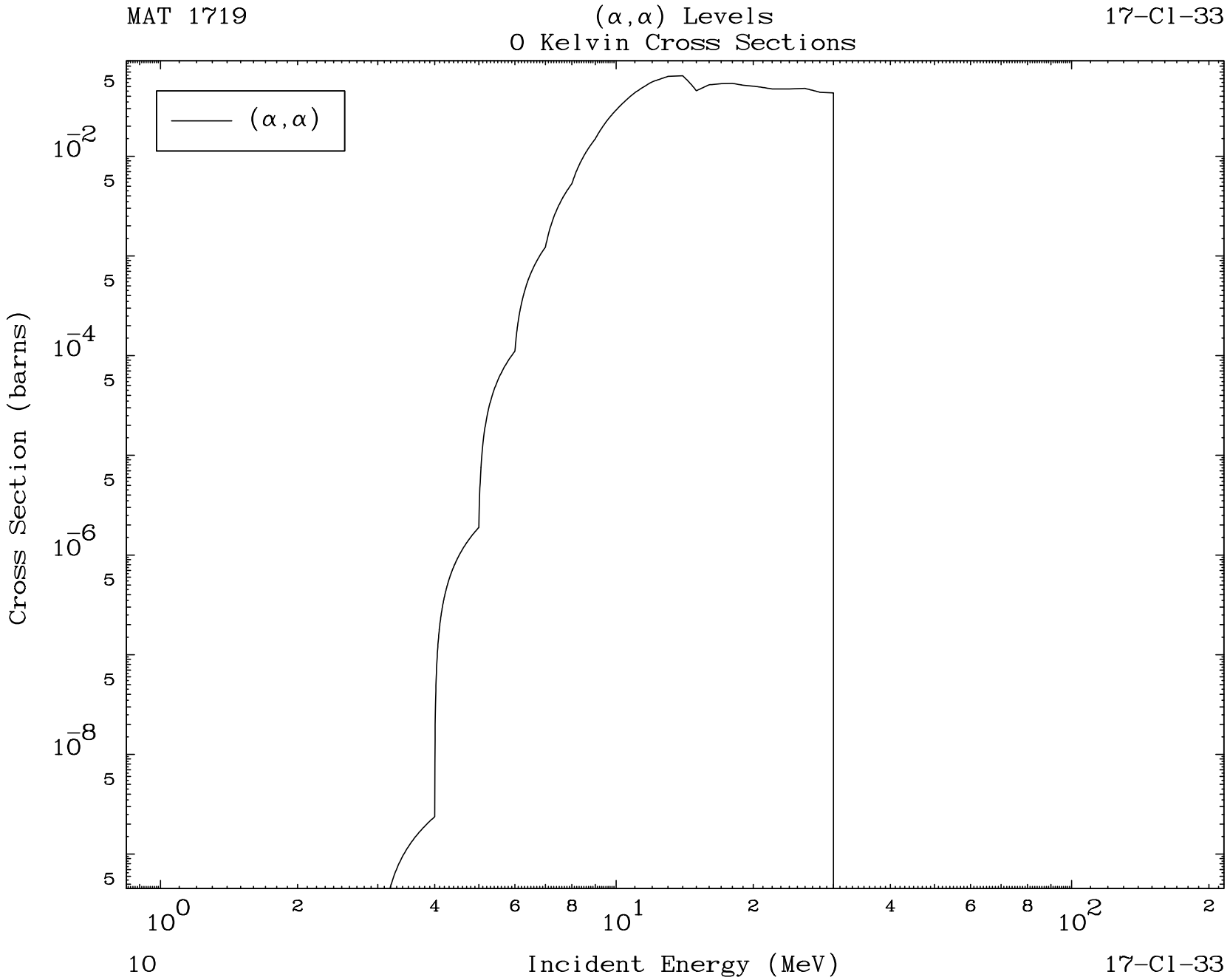

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
5
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{0}
10^{2}

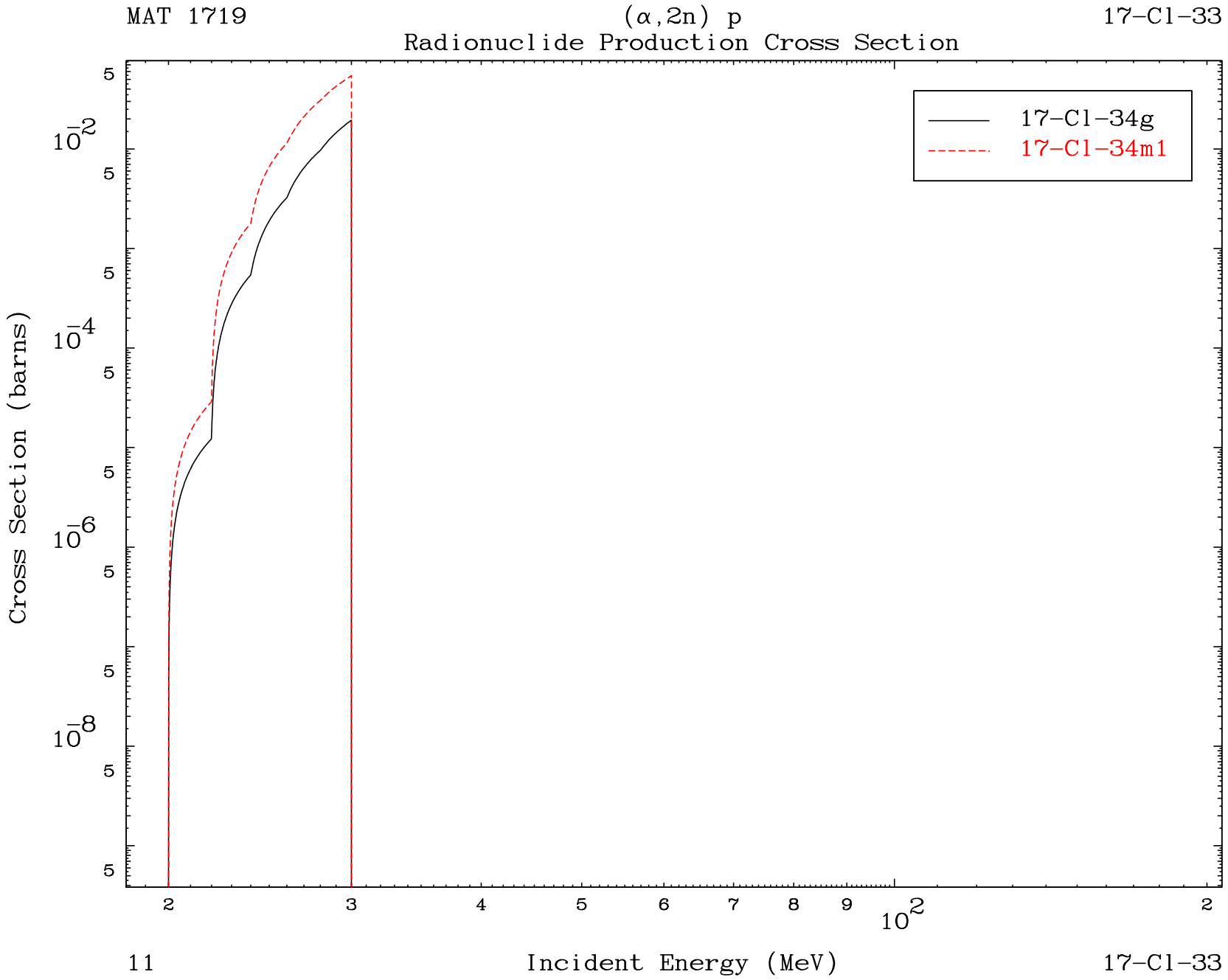

MAT 1719
(α,d) Levels
17-Cl-33
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
17-Cl-33

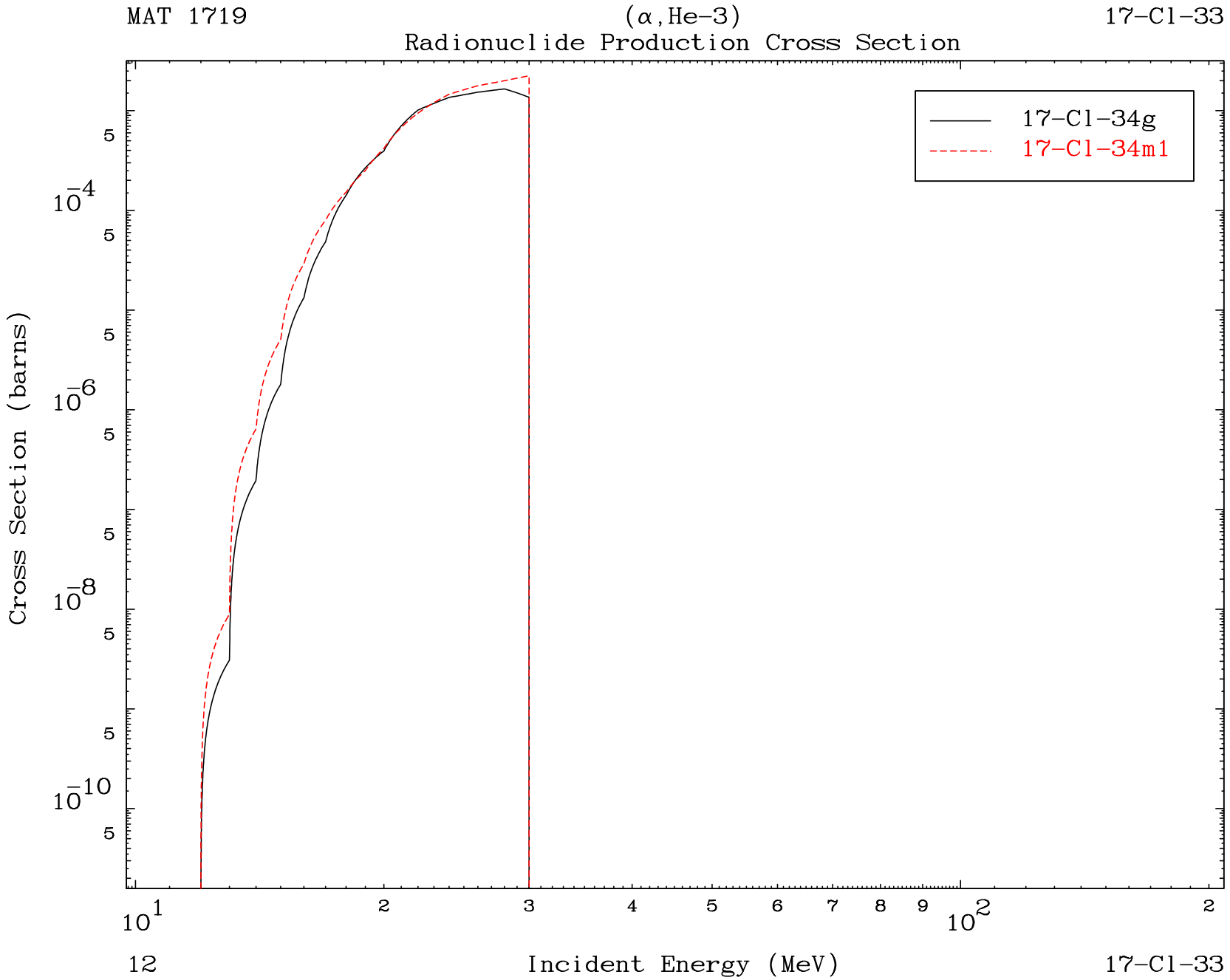
0 Kelvin Cross Sections

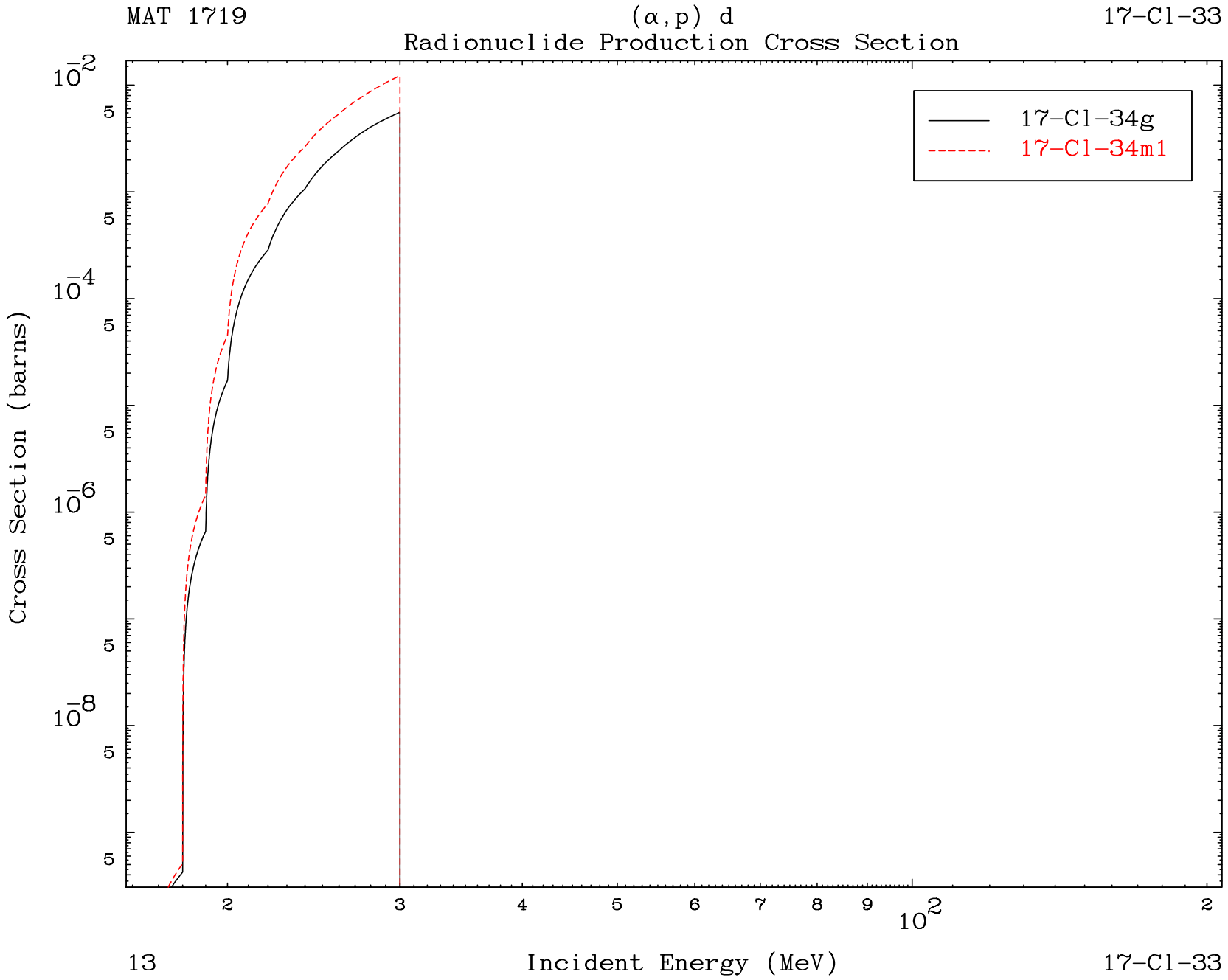



MAT 1719
(α,He3) Levels
17-Cl-33
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-33


MAT 1719
(α,α) Levels
17-Cl-33
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-33


MAT 1719
(α,2n) p
17-Cl-33
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
17-Cl-33


MAT 1719
(α,He-3)
17-Cl-33
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
Incident Energy (MeV)
12
17-Cl-33


MAT 1719
(α,p) d
17-Cl-33
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
17-Cl-33