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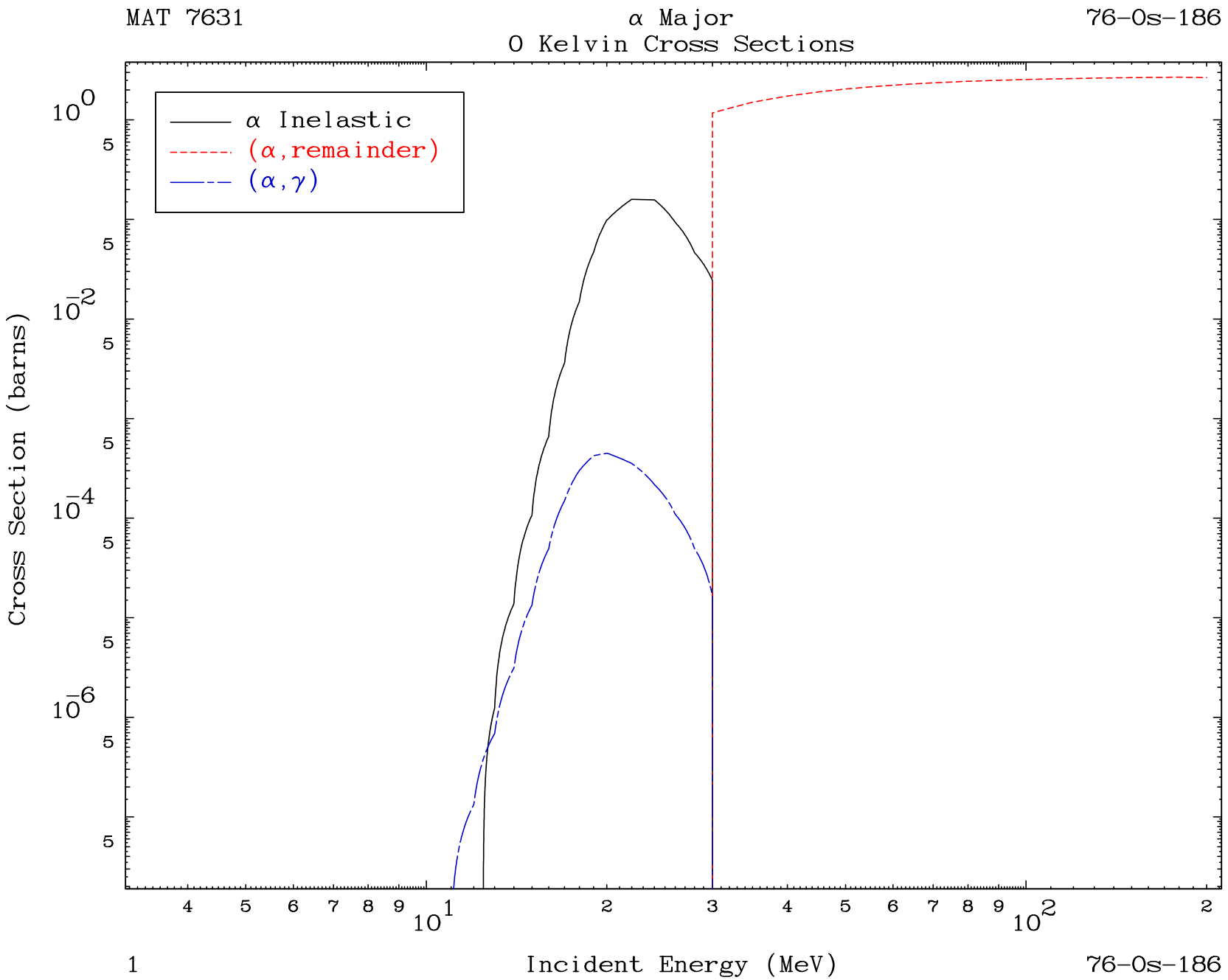
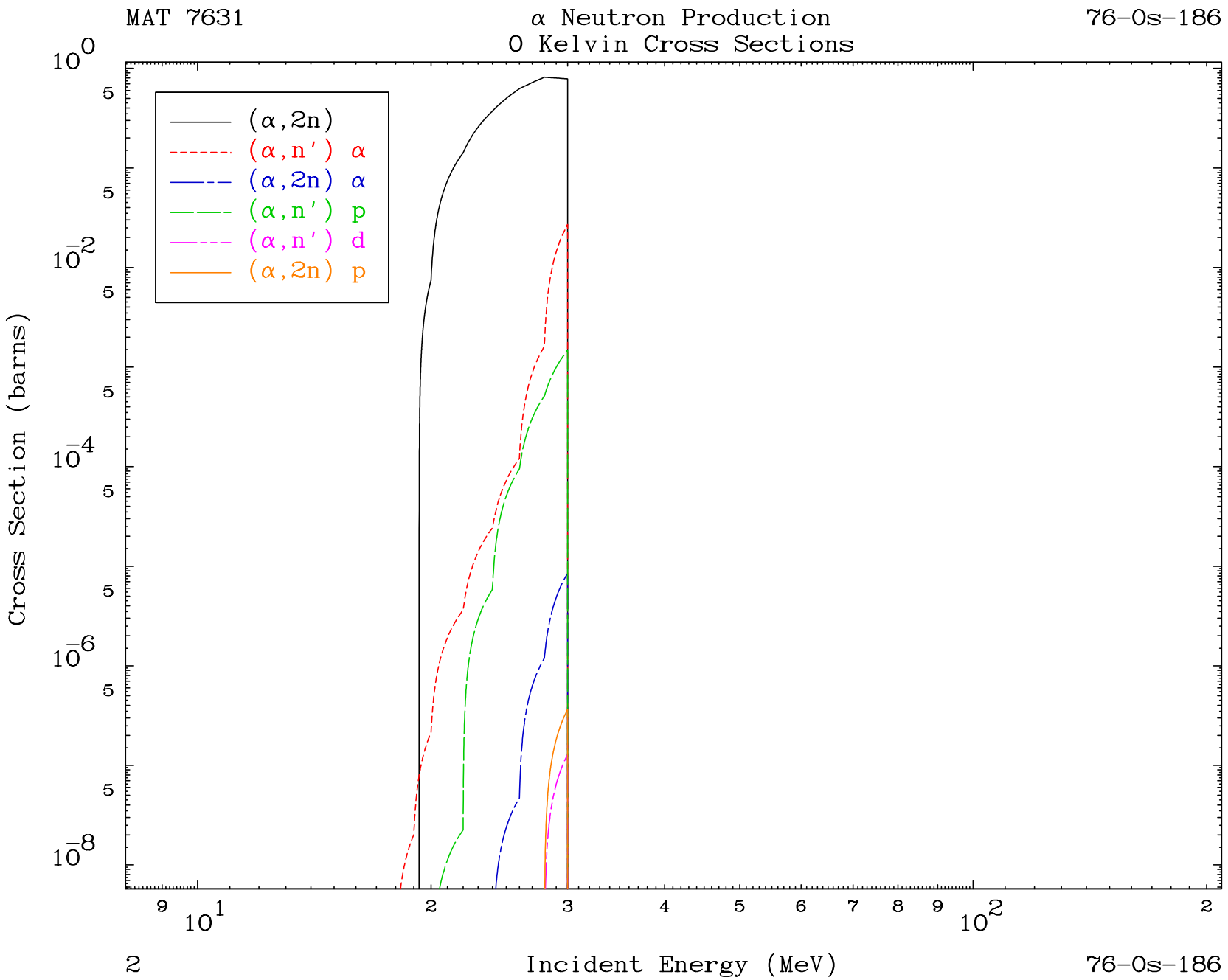
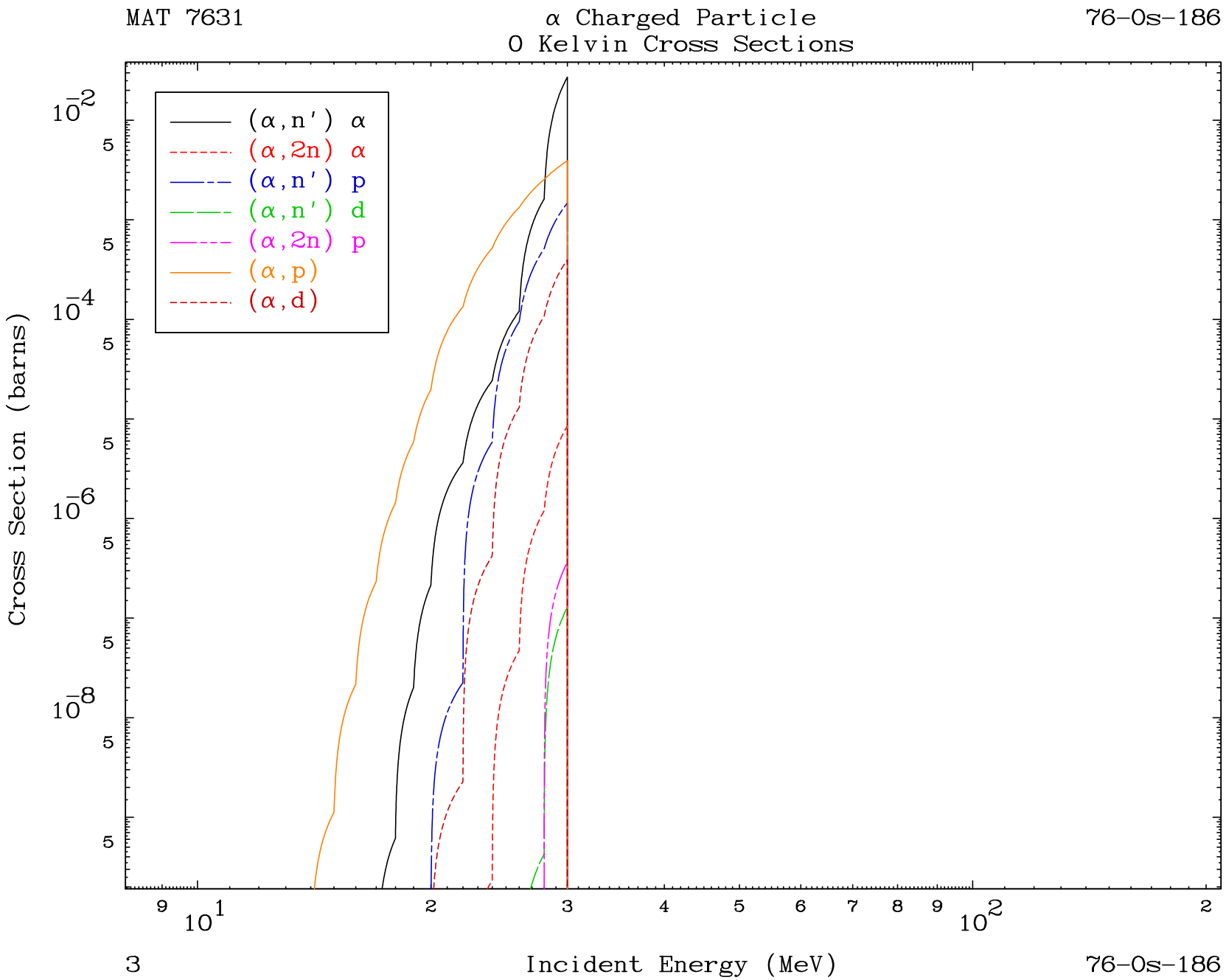
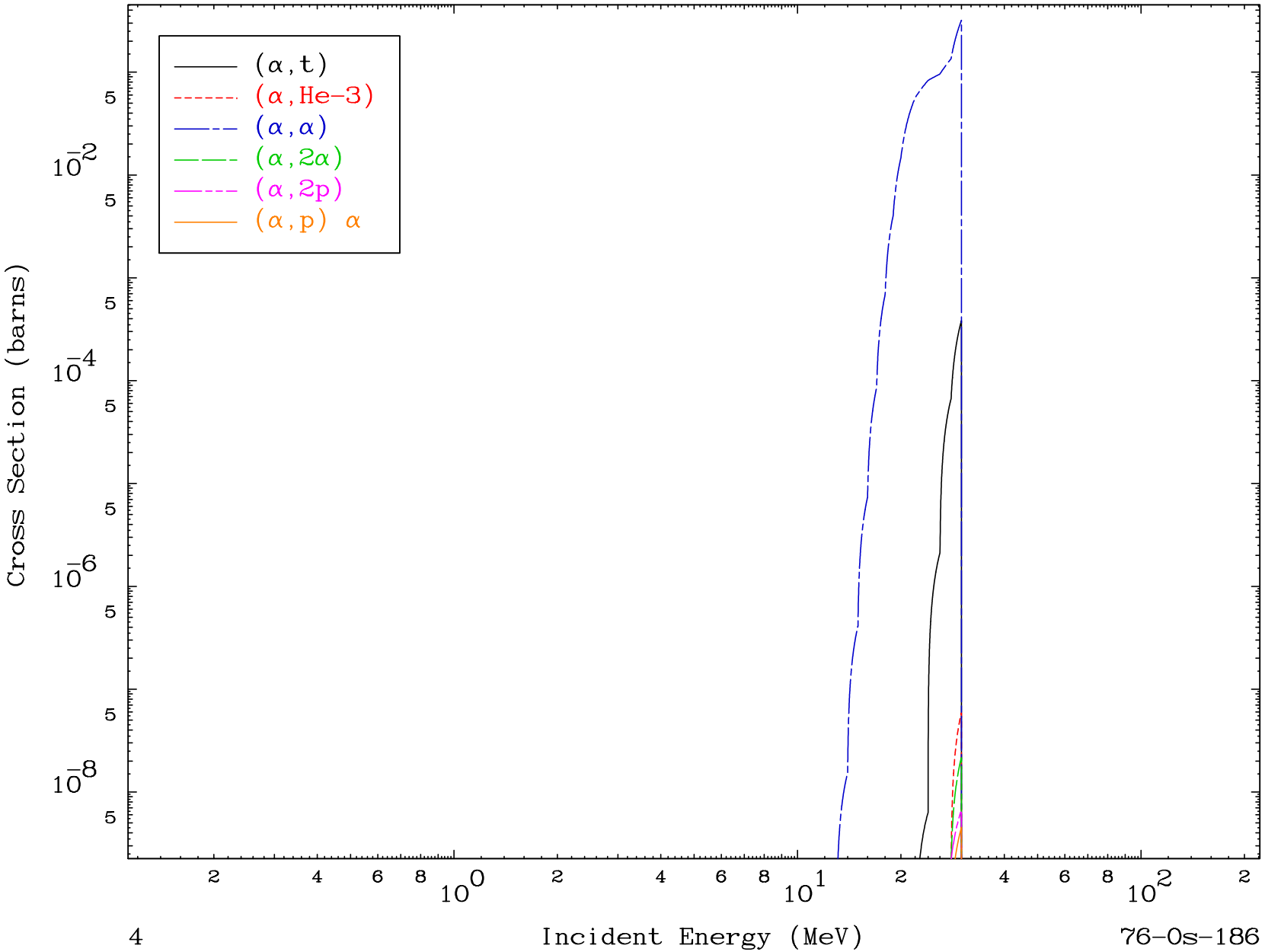
Press Mouse Button to Start

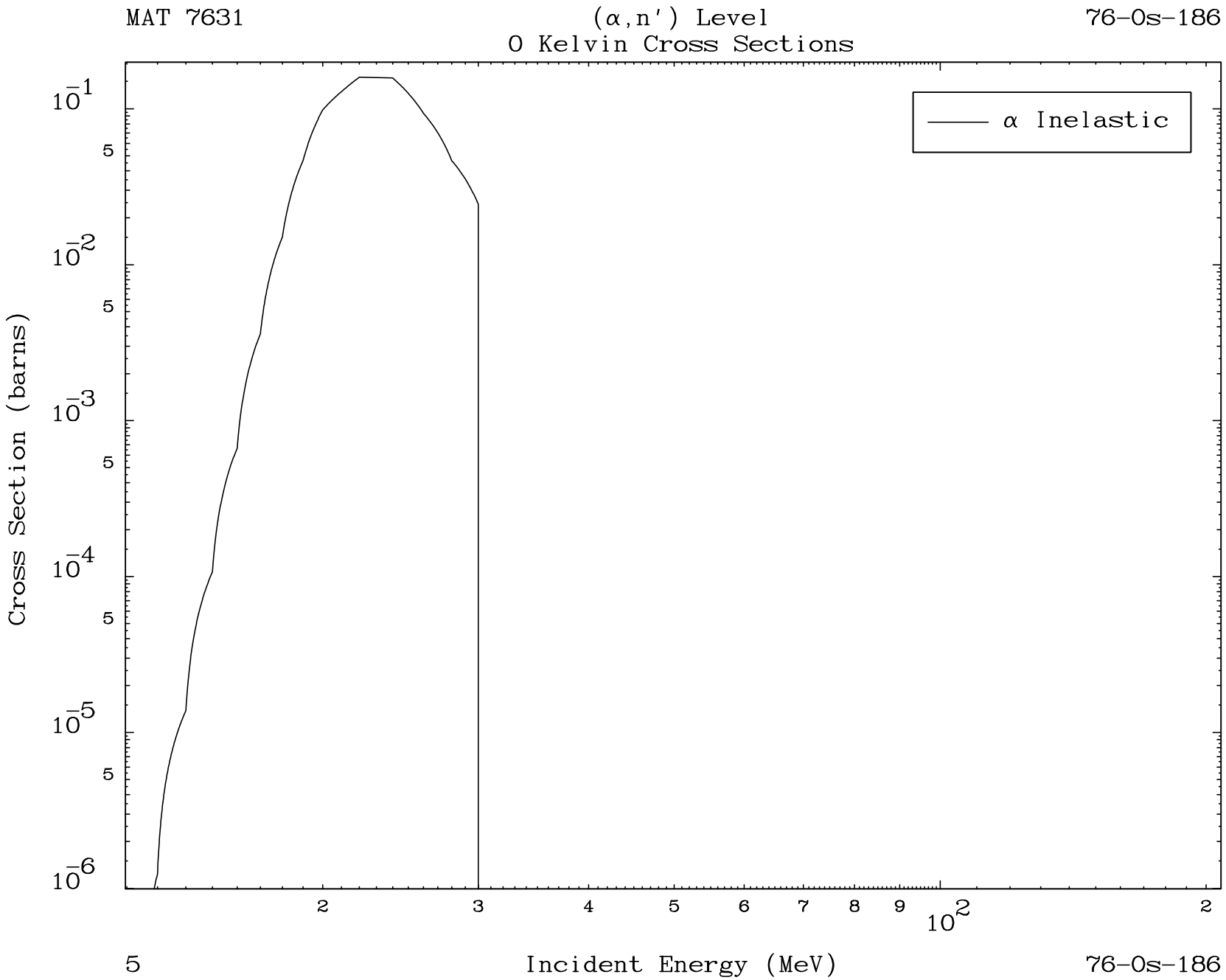

MAT 7631
α Major
76-0s-186
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
1
Incident Energy (MeV)
76-0s-186

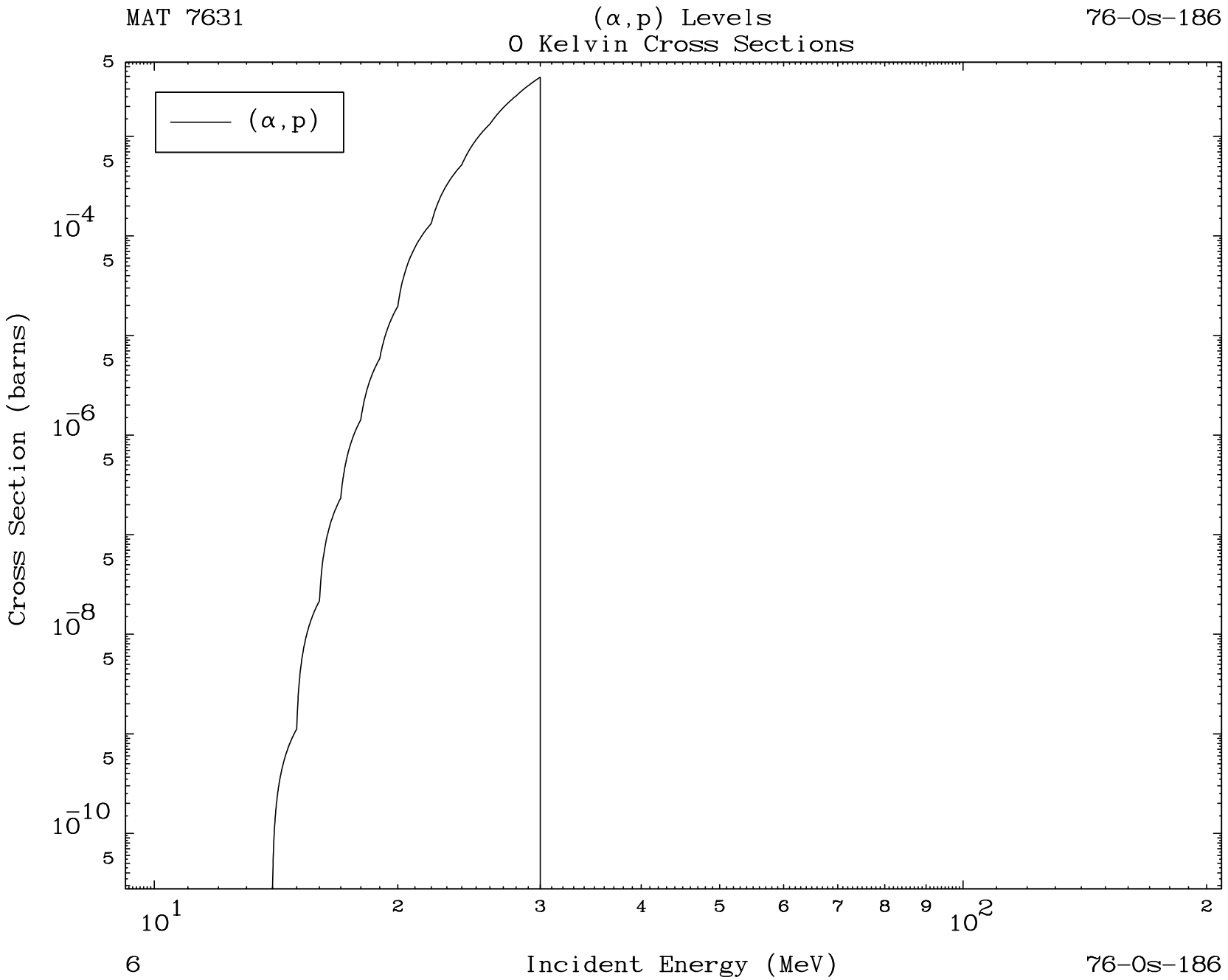

MAT 7631
α Neutron Production
0 Kelvin Cross Sections
76-0s-186
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
76-0s-186

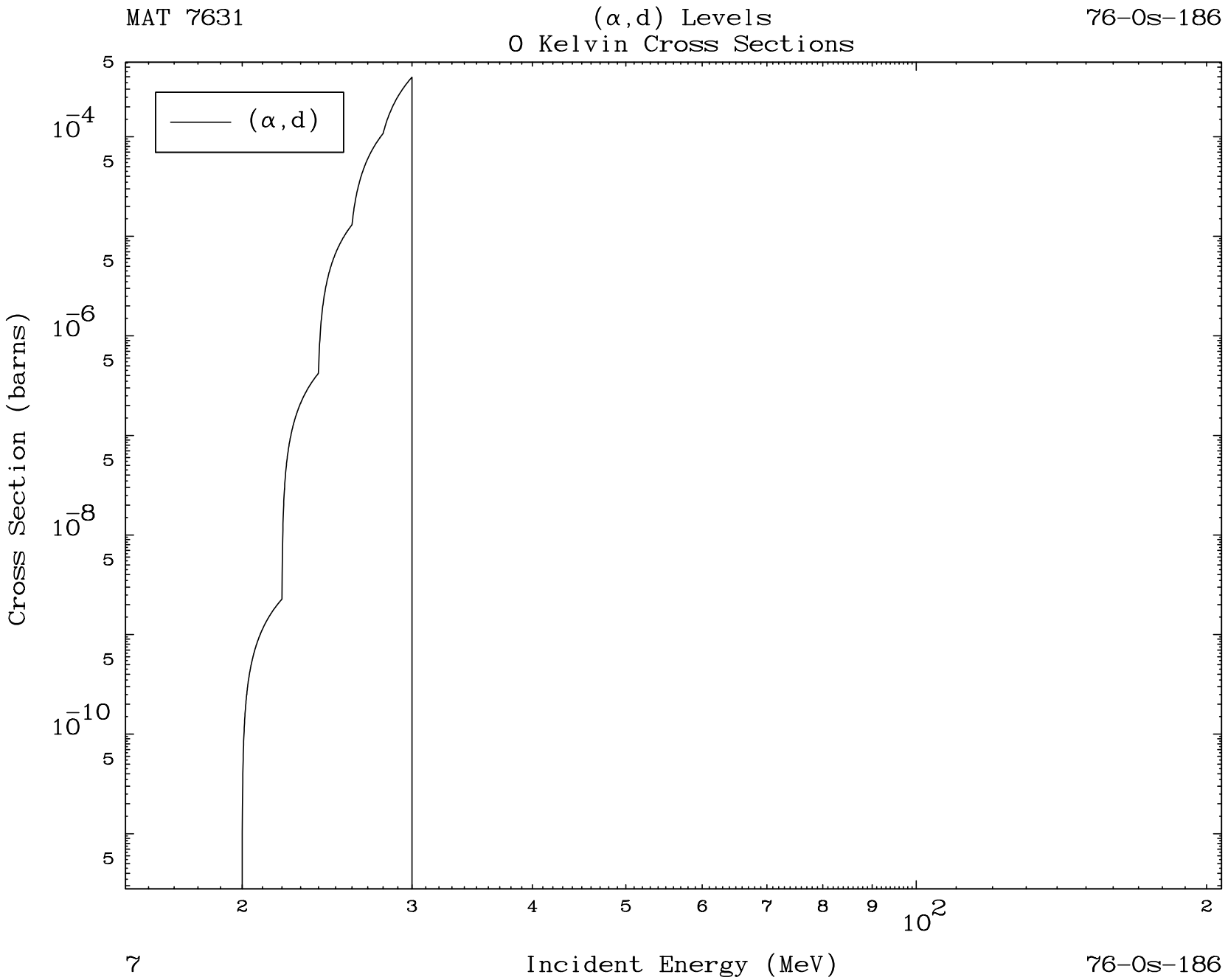

MAT 7631
α Charged Particle
0 Kelvin Cross Sections
76-0s-186
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
3
Incident Energy (MeV)
76-0s-186

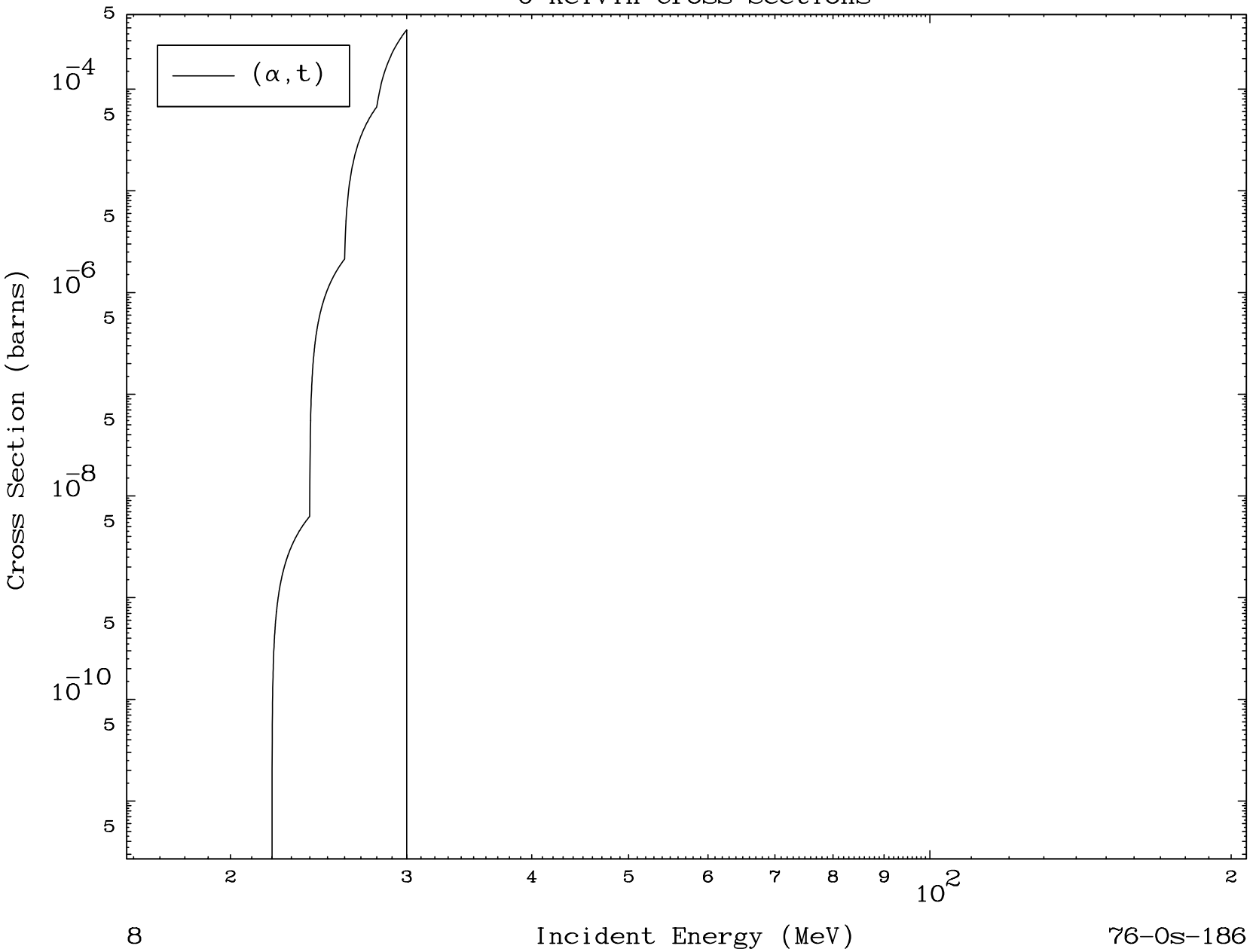
α Charged Particle
0 Kelvin Cross Sections



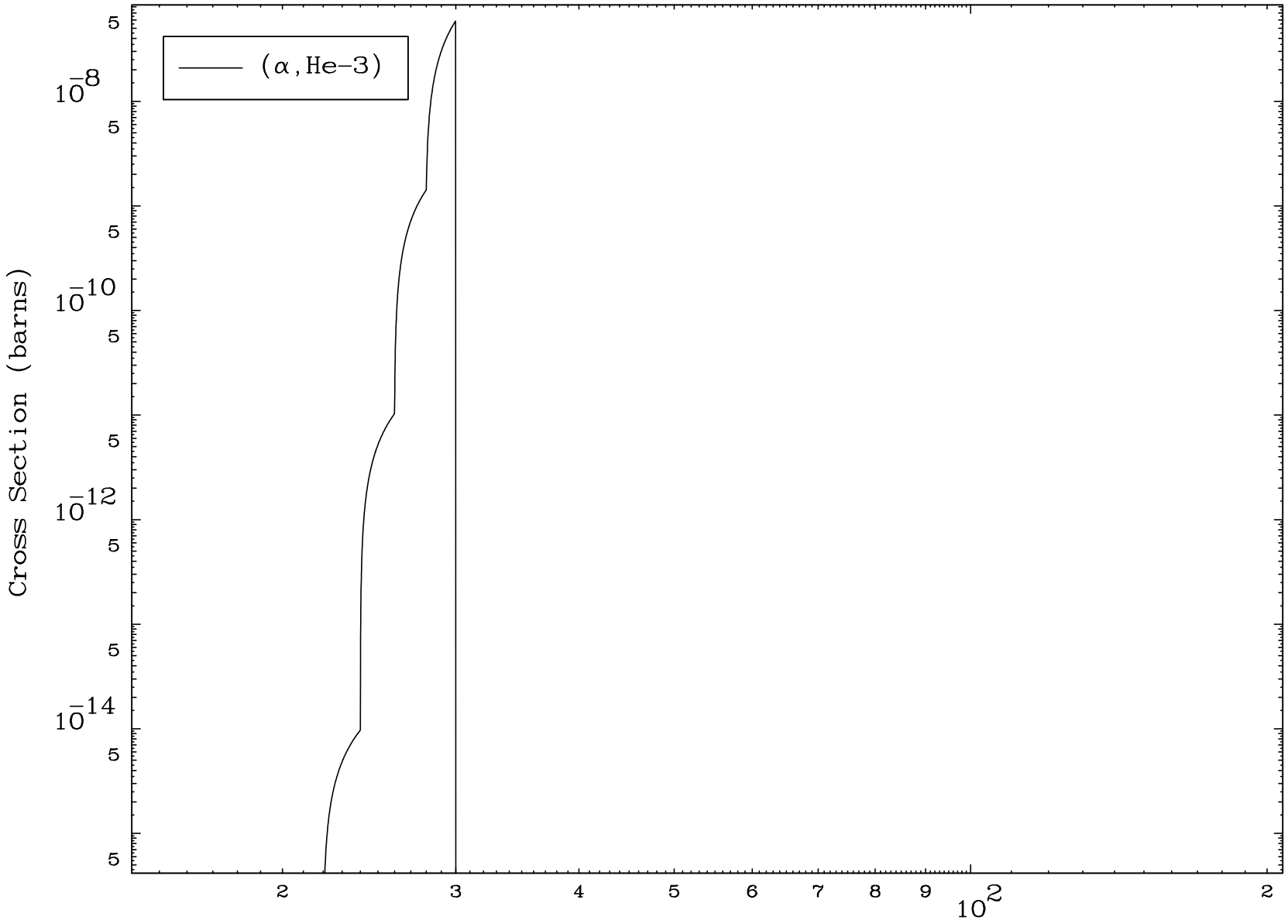

MAT 7631
(α,n') Level
76-0s-186
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
76-0s-186

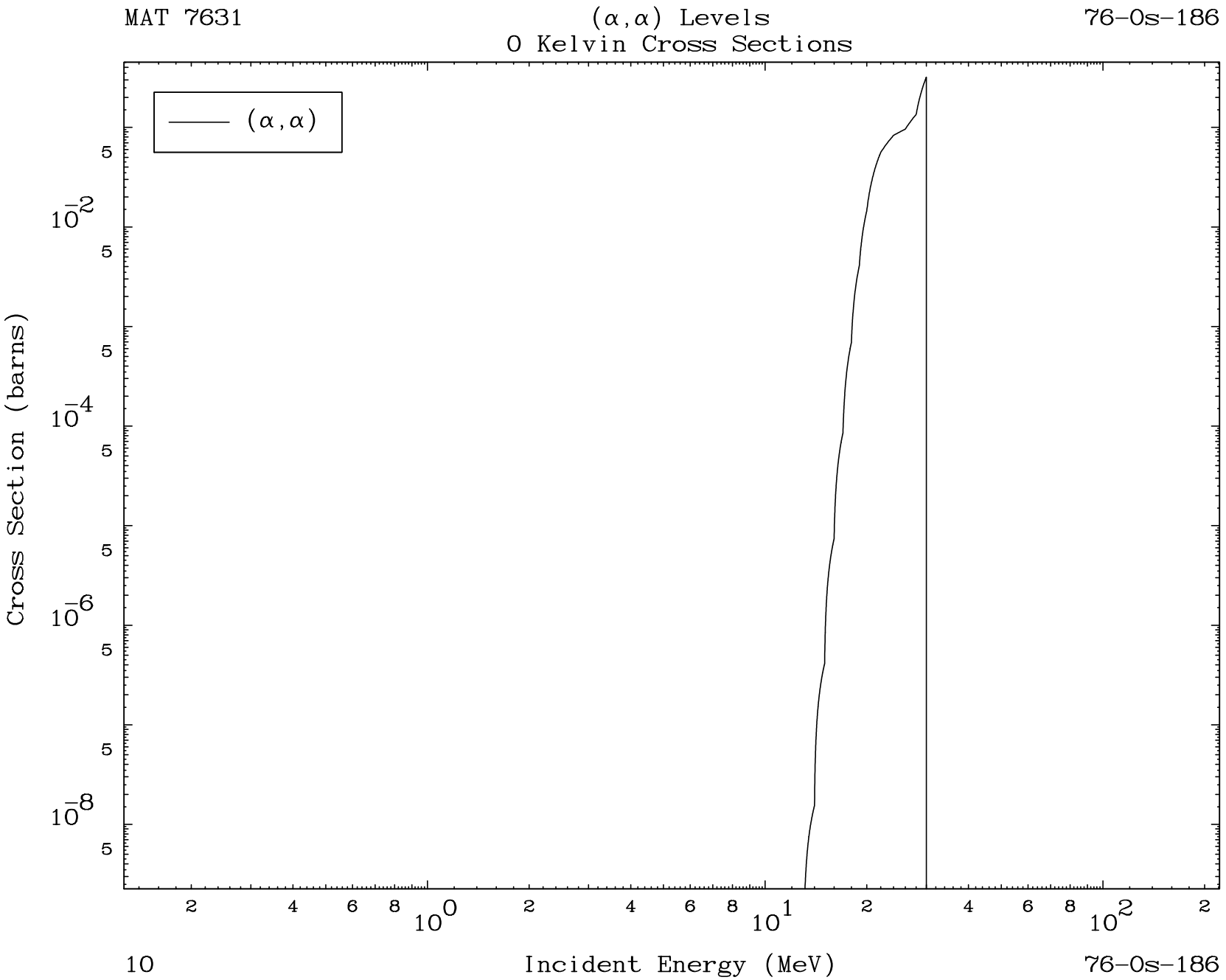

MAT 7631
(α,p) Levels
76-0s-186
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
6
76-0s-186

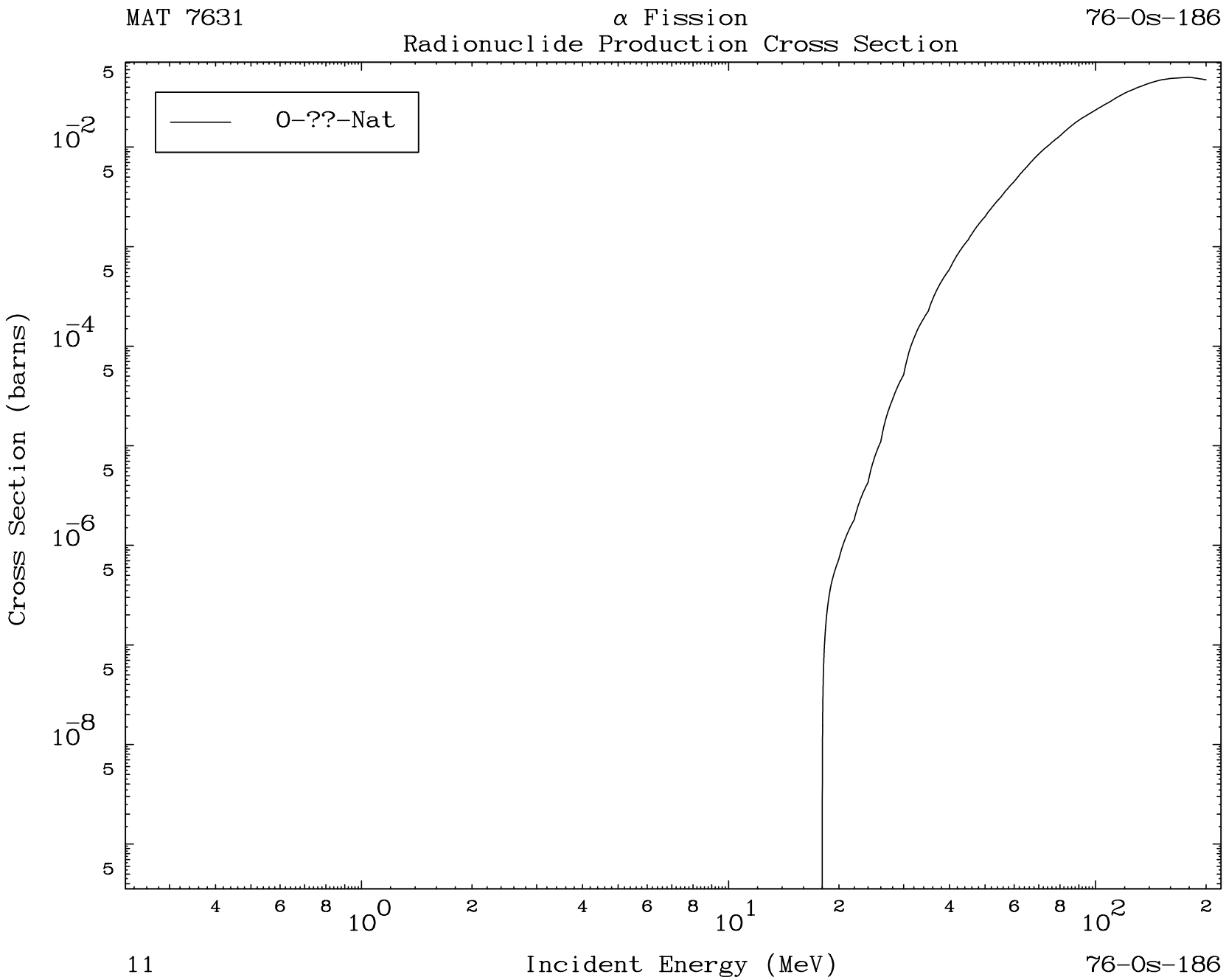

MAT 7631
(α,d) Levels
76-0s-186
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
76-0s-186


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




MAT 7631
(α,α) Levels
76-0s-186
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^0
10^1
10^2
2
4
6
8
10
Incident Energy (MeV)
76-0s-186


MAT 7631
α Fission
76-0s-186
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
76-0s-186