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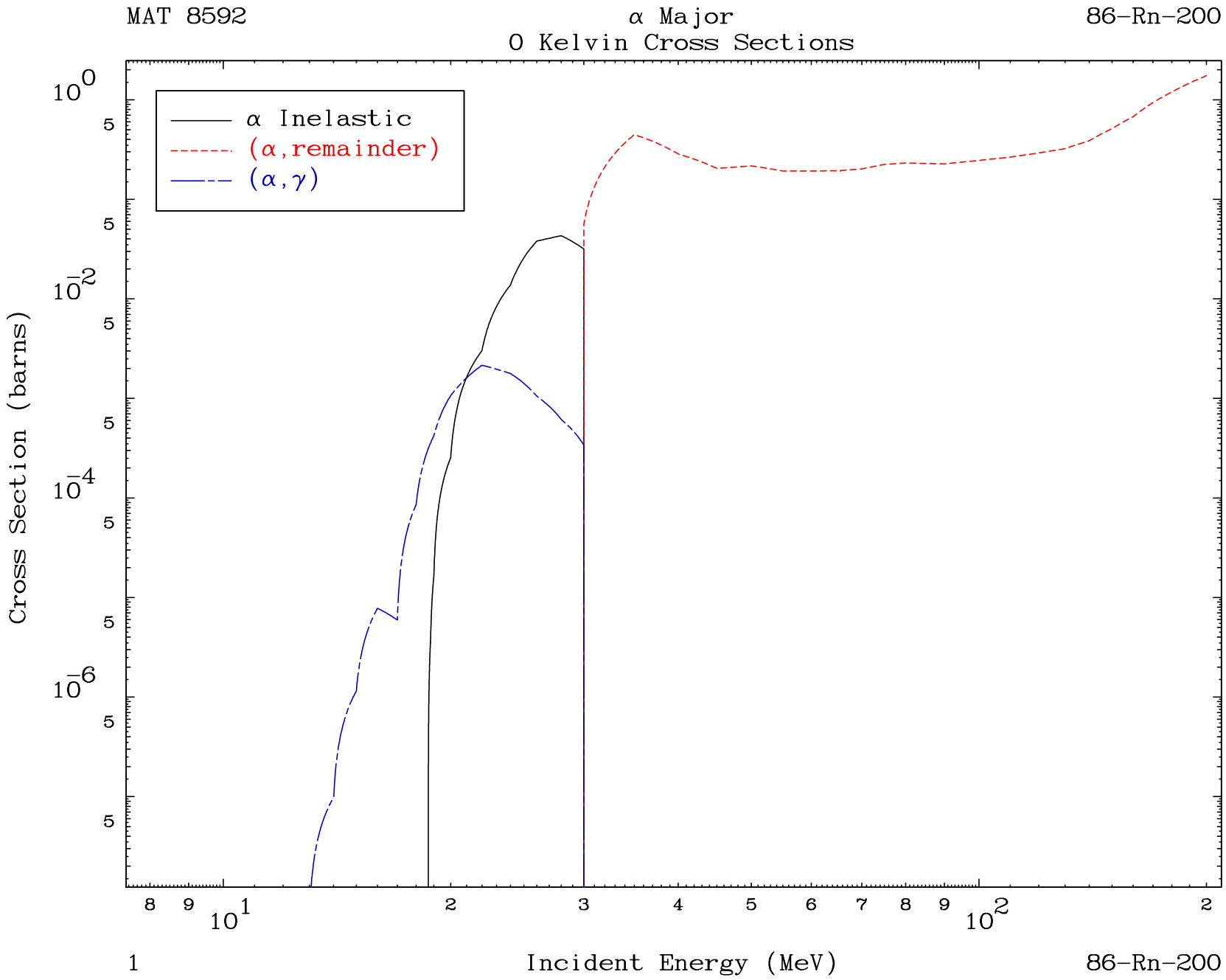
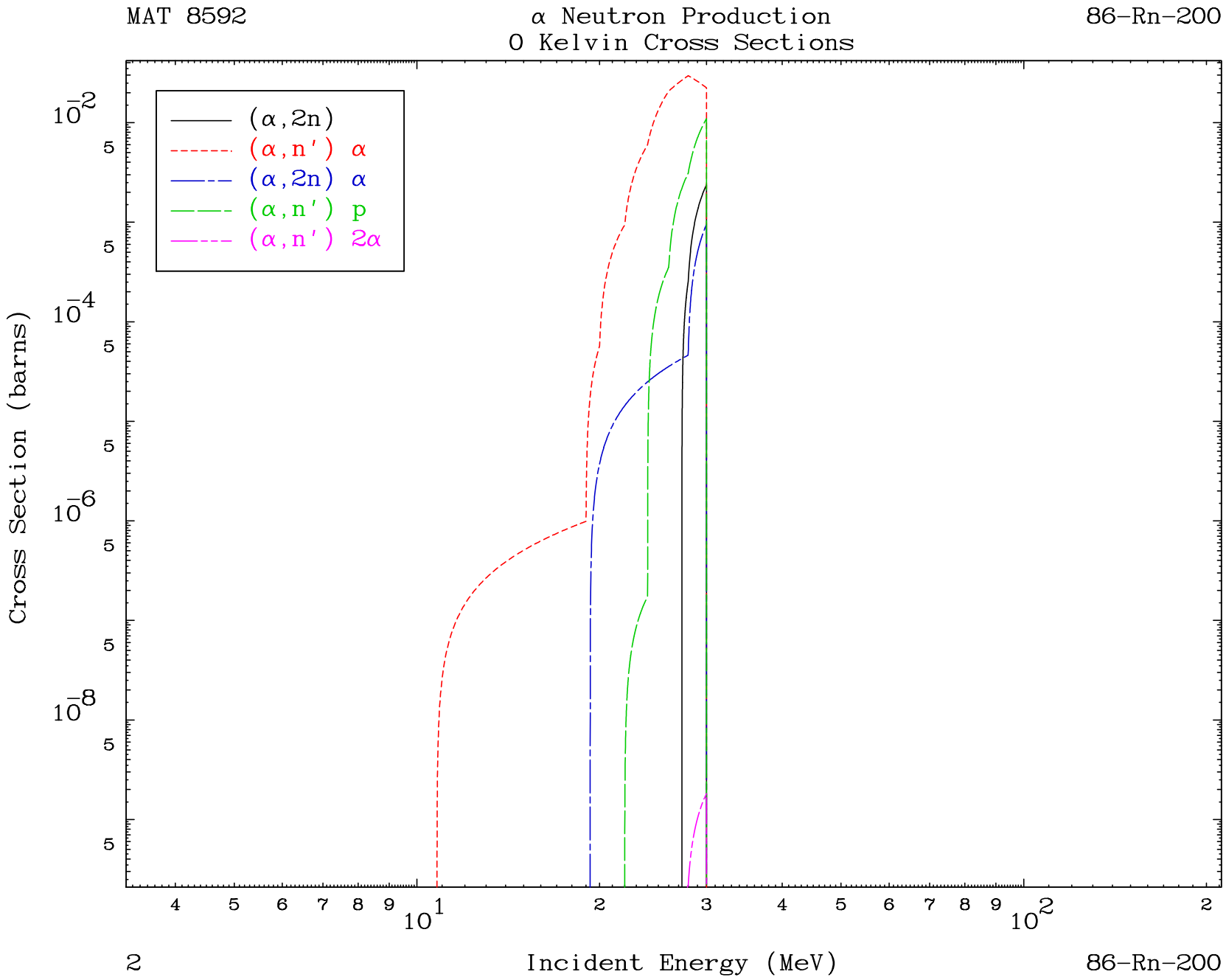
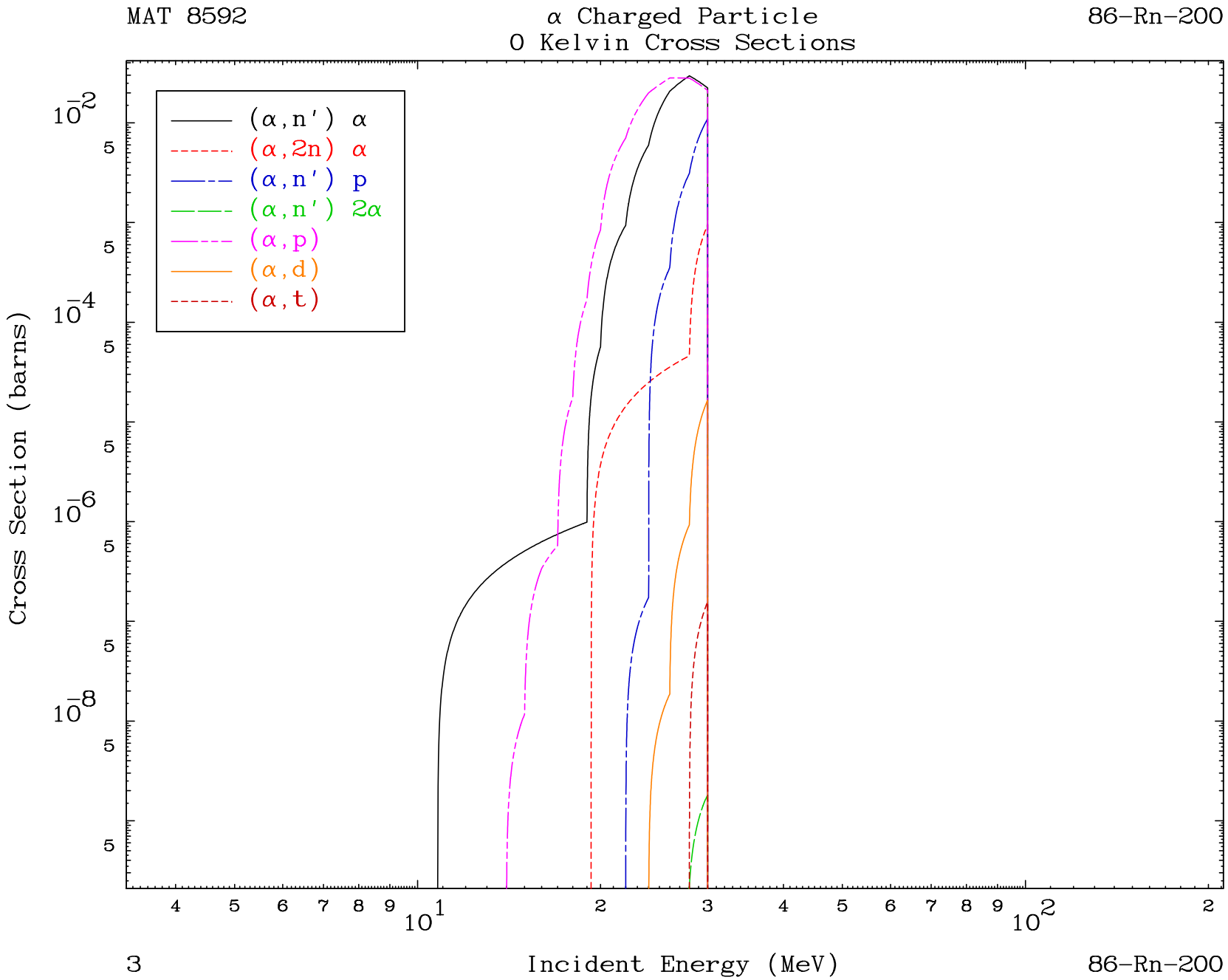
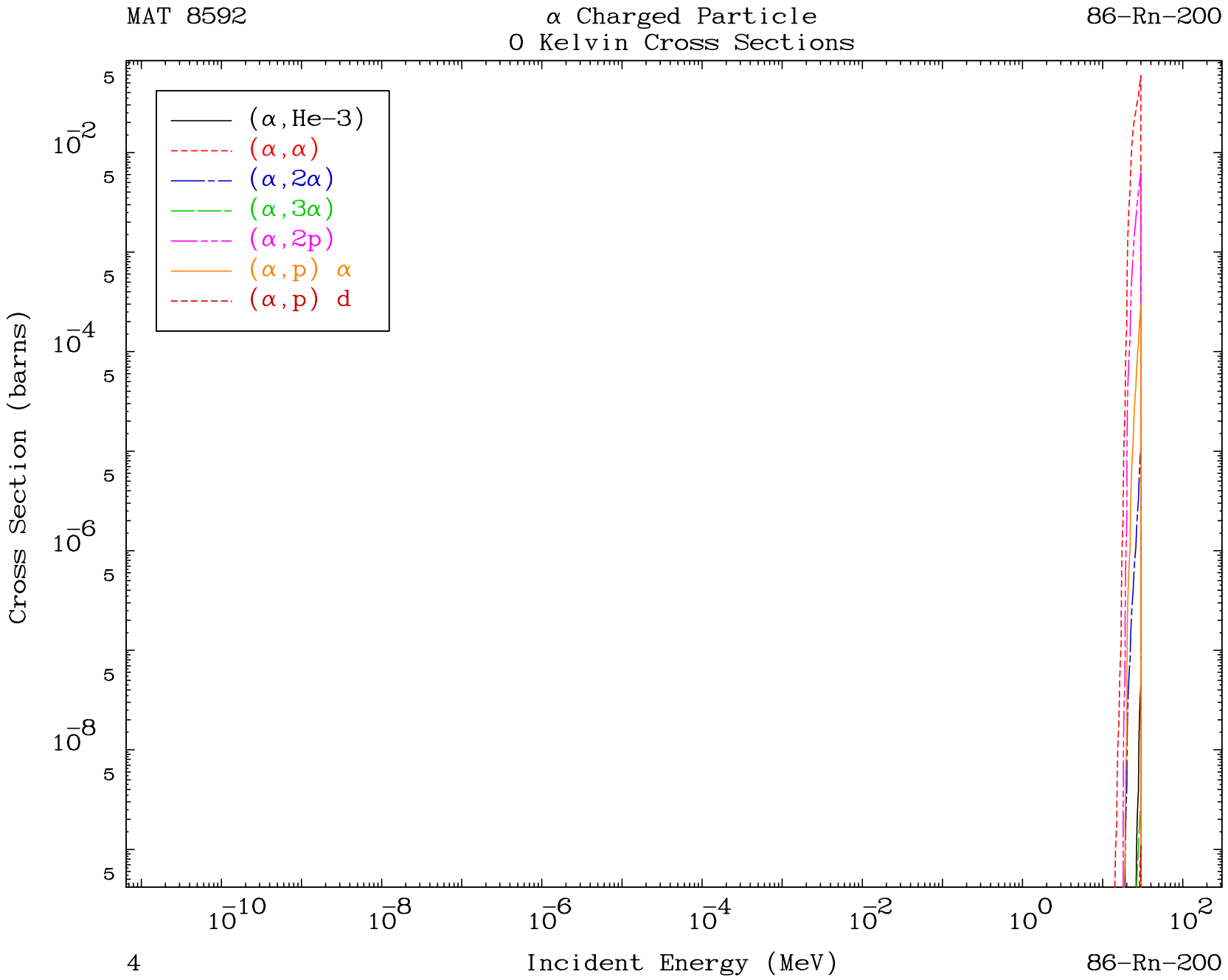
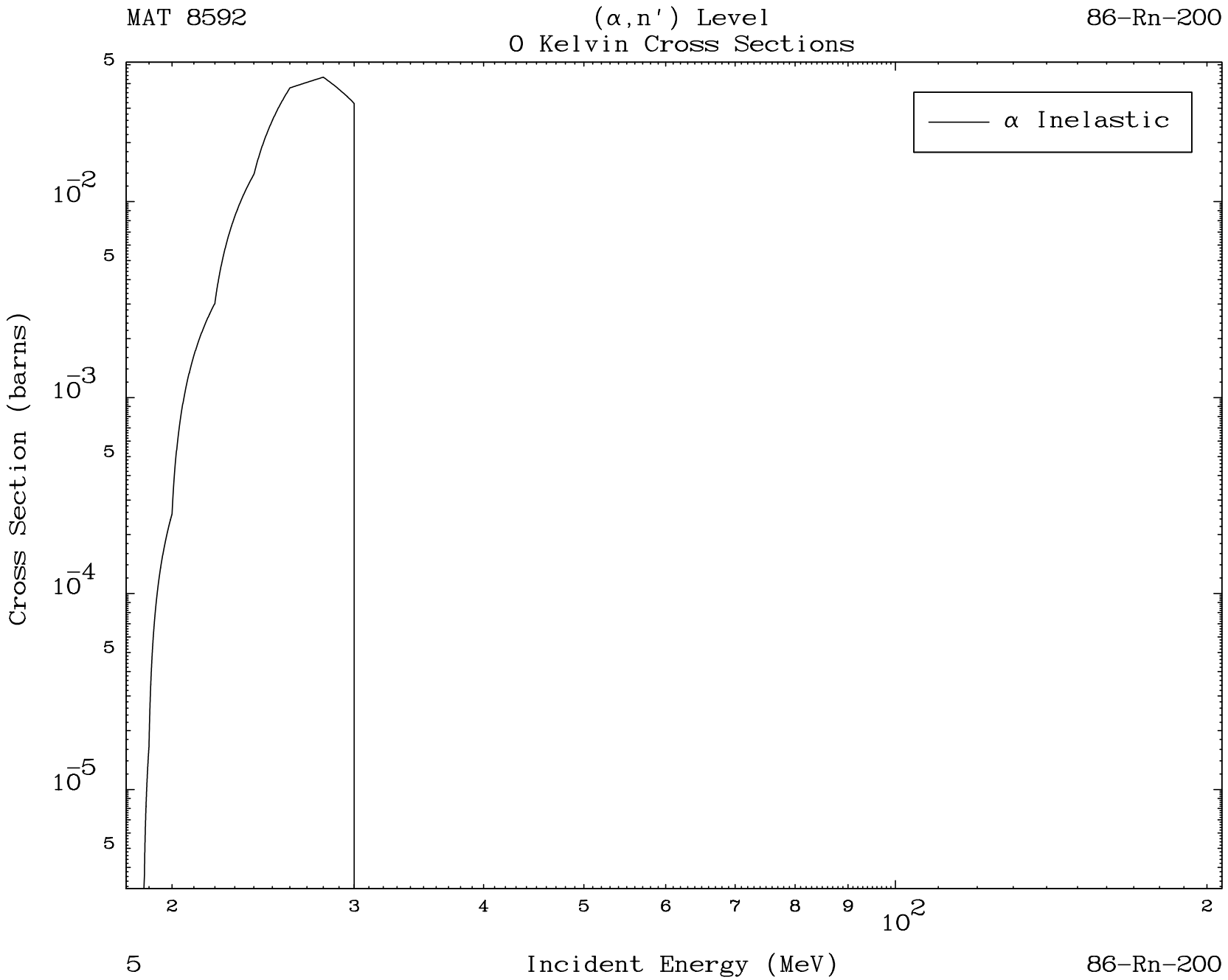
Press Mouse Button to Start

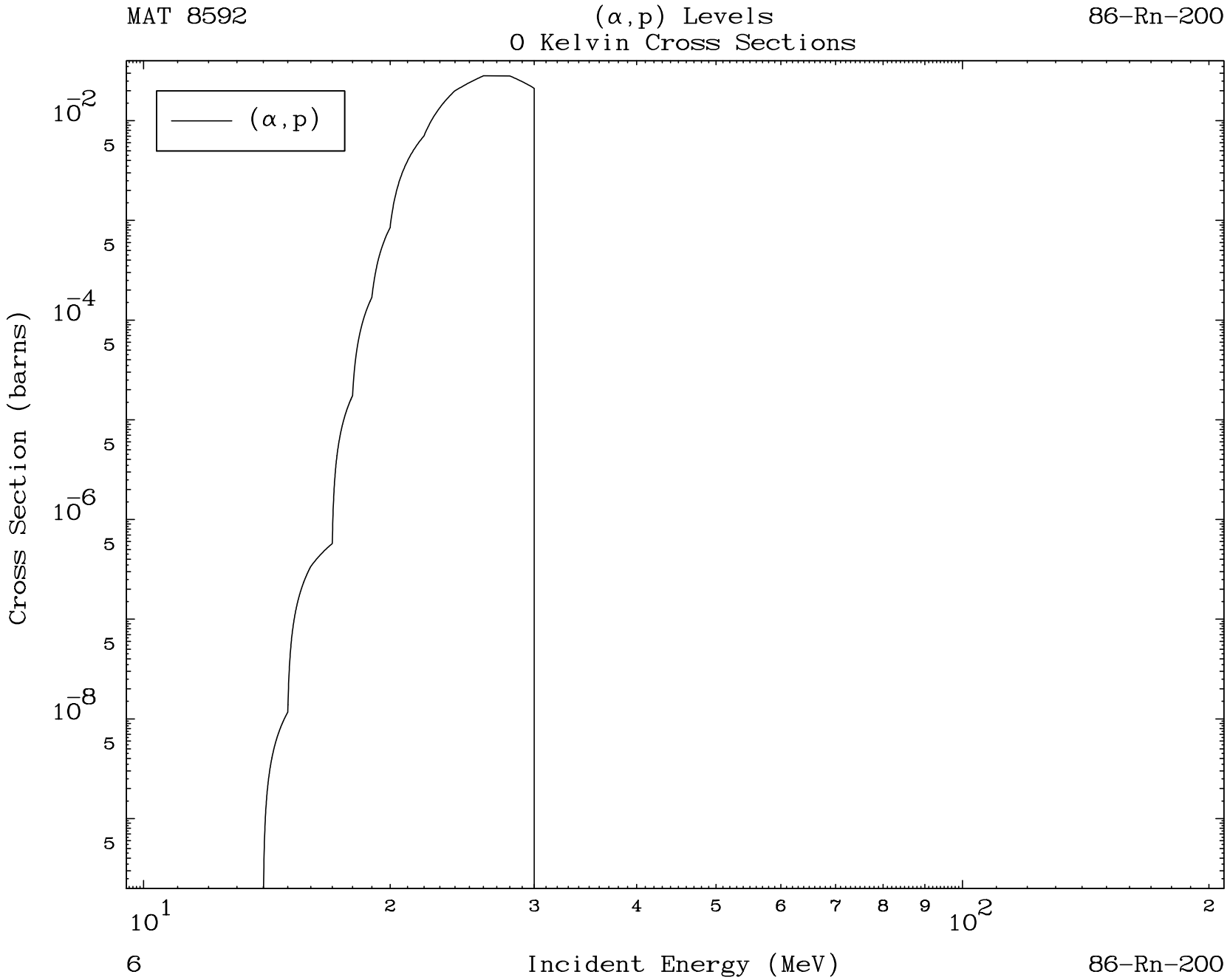

MAT 8592
α Major
86-Rn-200
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200

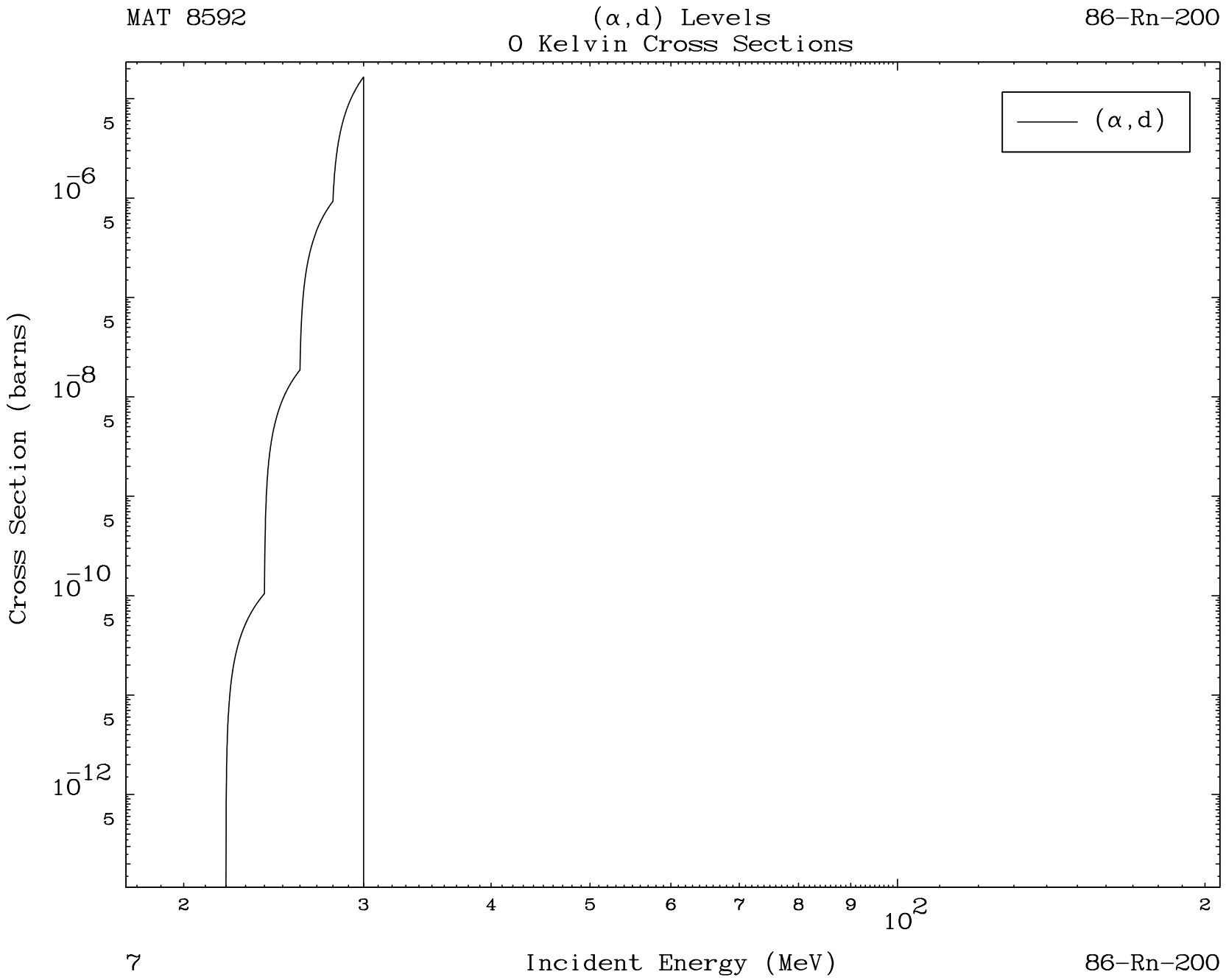

MAT 8592
α Neutron Production
0 Kelvin Cross Sections
86-Rn-200
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200
2

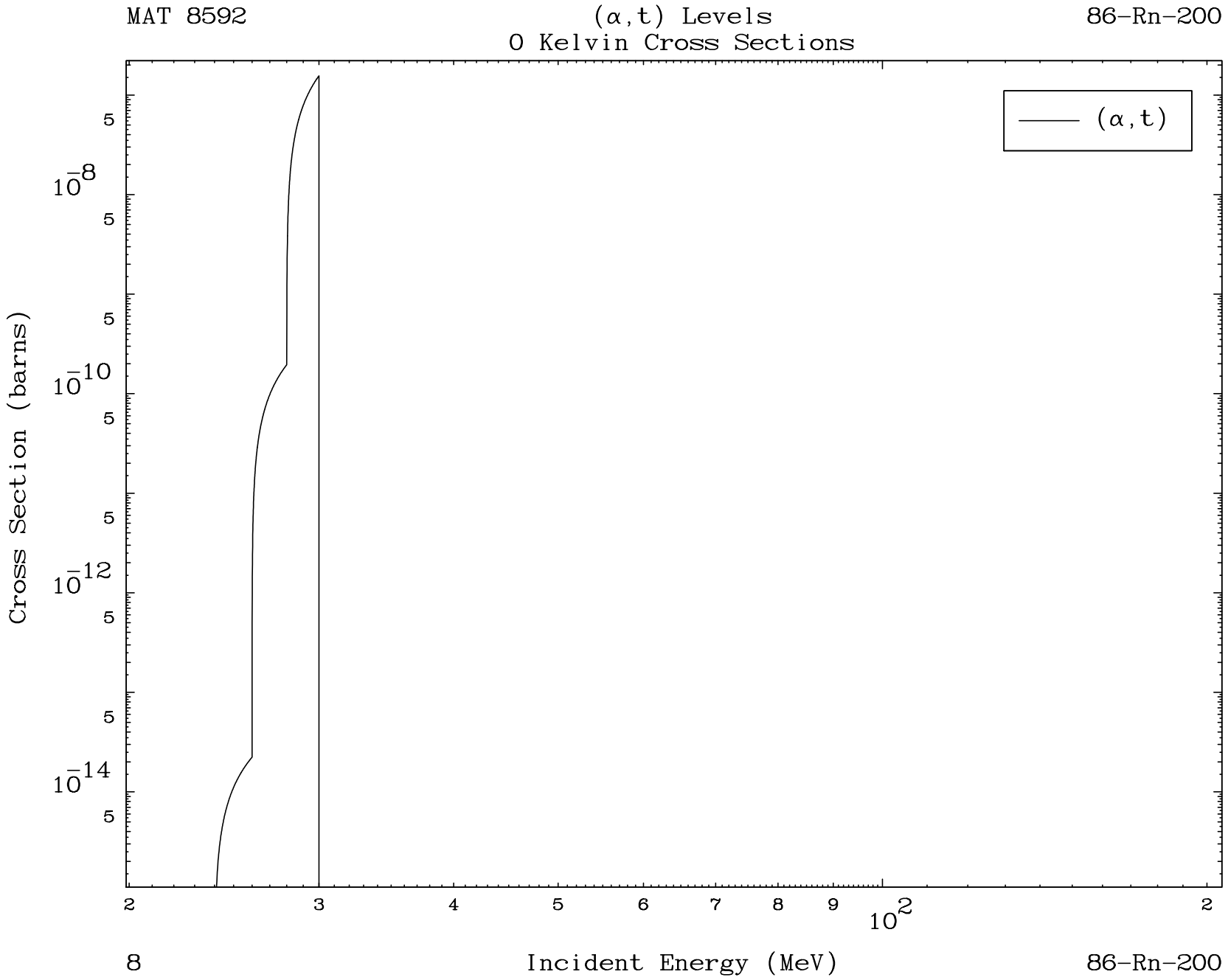

MAT 8592
α Charged Particle
0 Kelvin Cross Sections
86-Rn-200
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-200

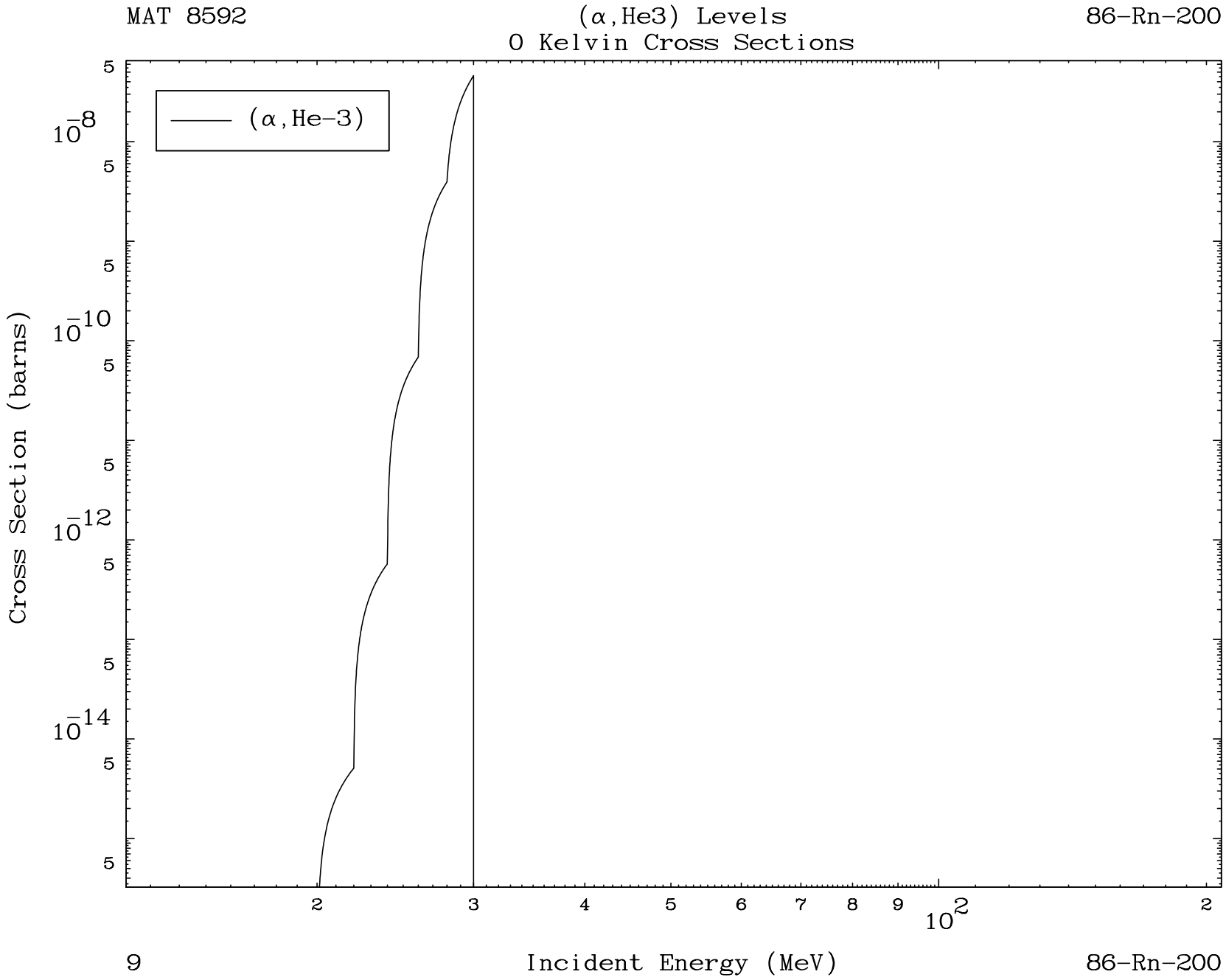

MAT 8592
α Charged Particle
0 Kelvin Cross Sections
86-Rn-200
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-200

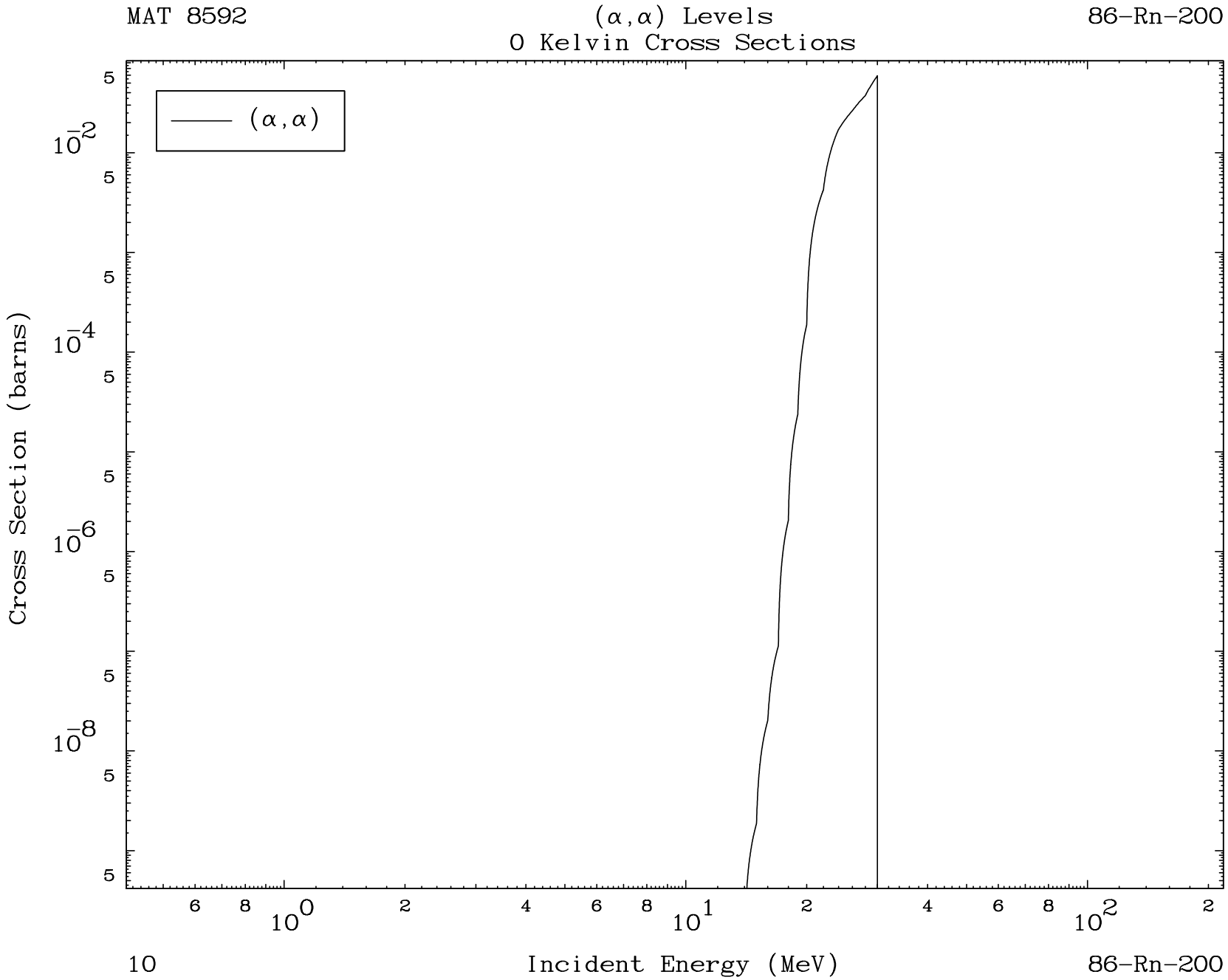

MAT 8592
(α,n') Level
86-Rn-200
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-3
10-4
10-5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
86-Rn-200

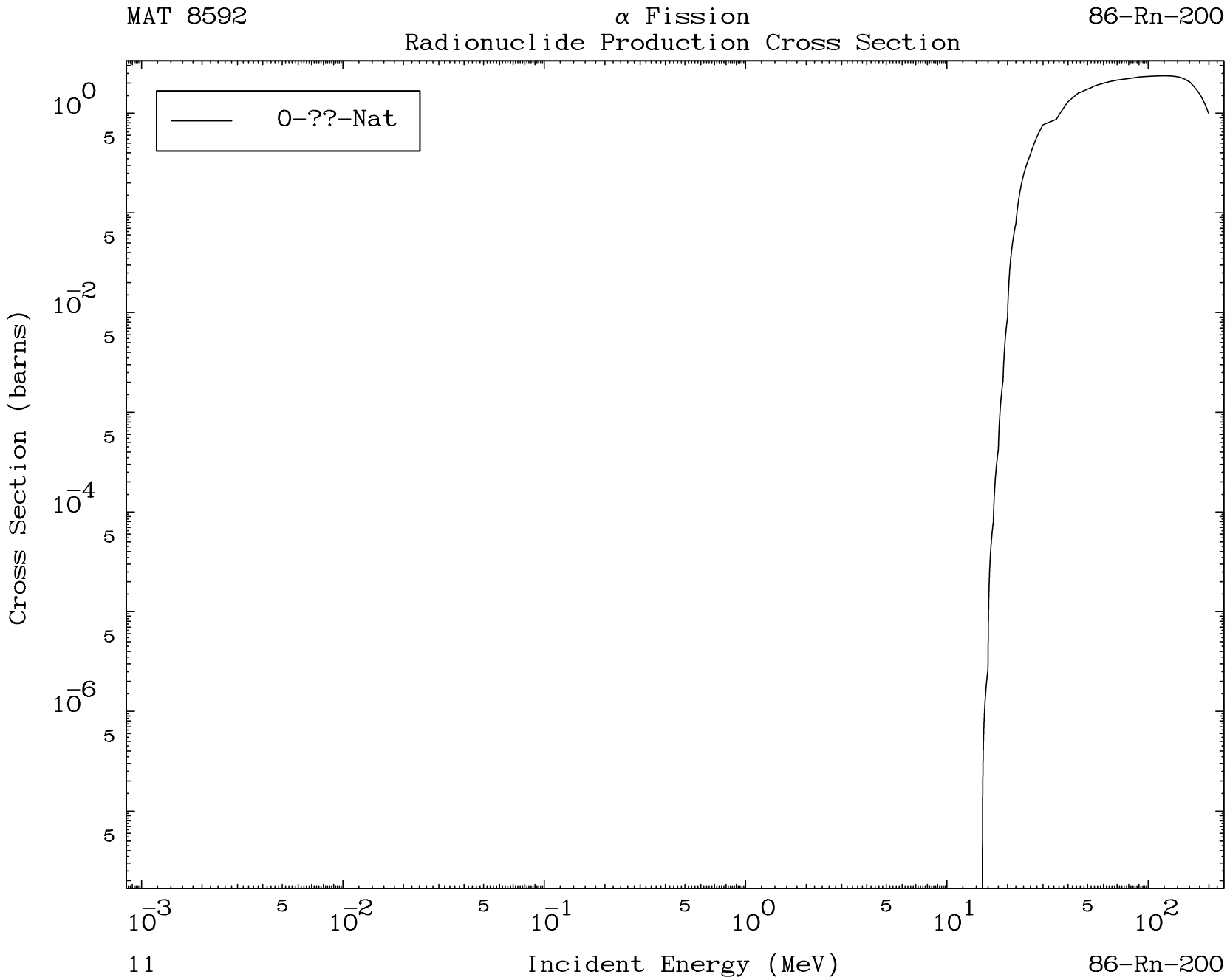

MAT 8592
(α,p) Levels
86-Rn-200
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
6
86-Rn-200

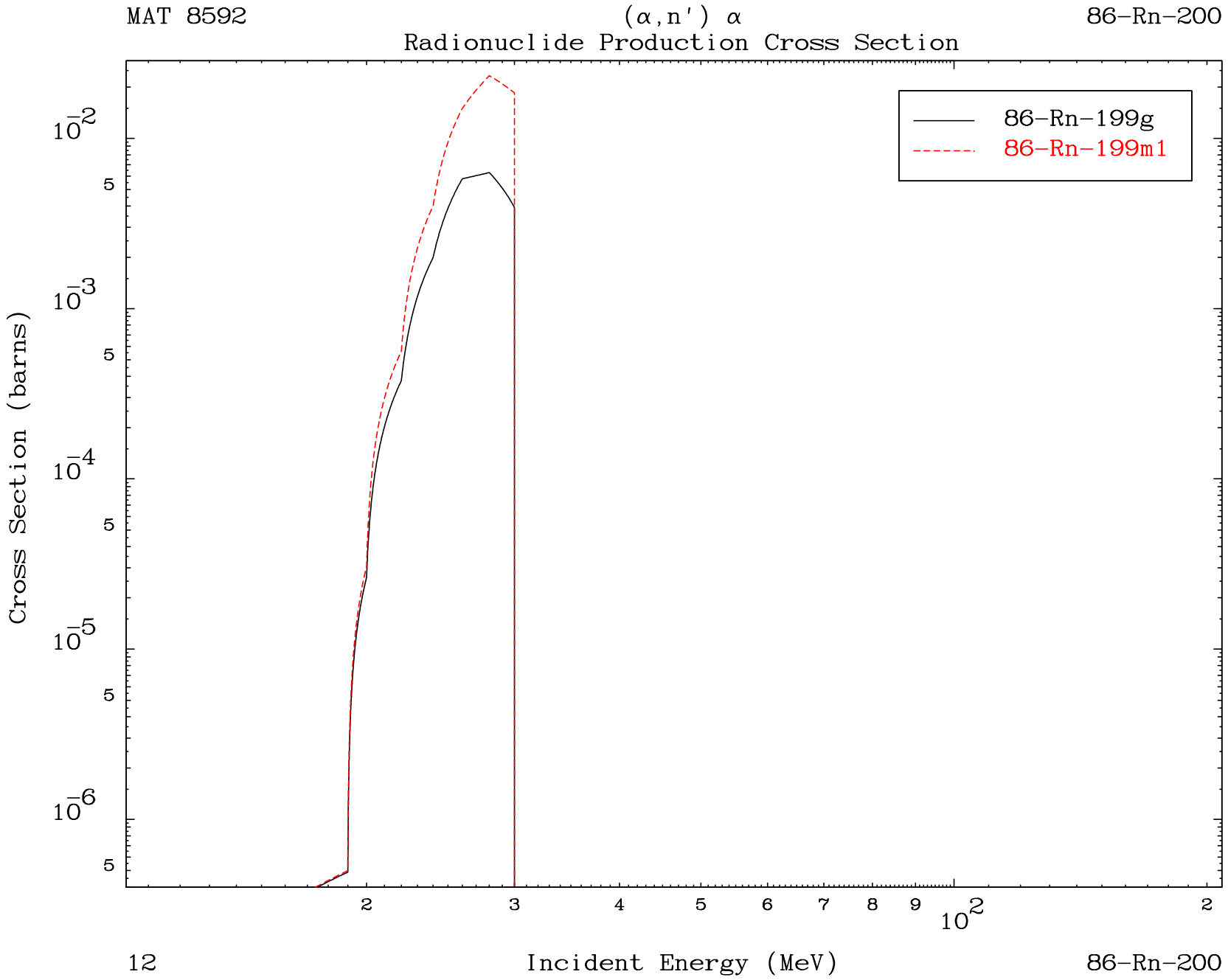

MAT 8592
(α,d) Levels
86-Rn-200
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
86-Rn-200

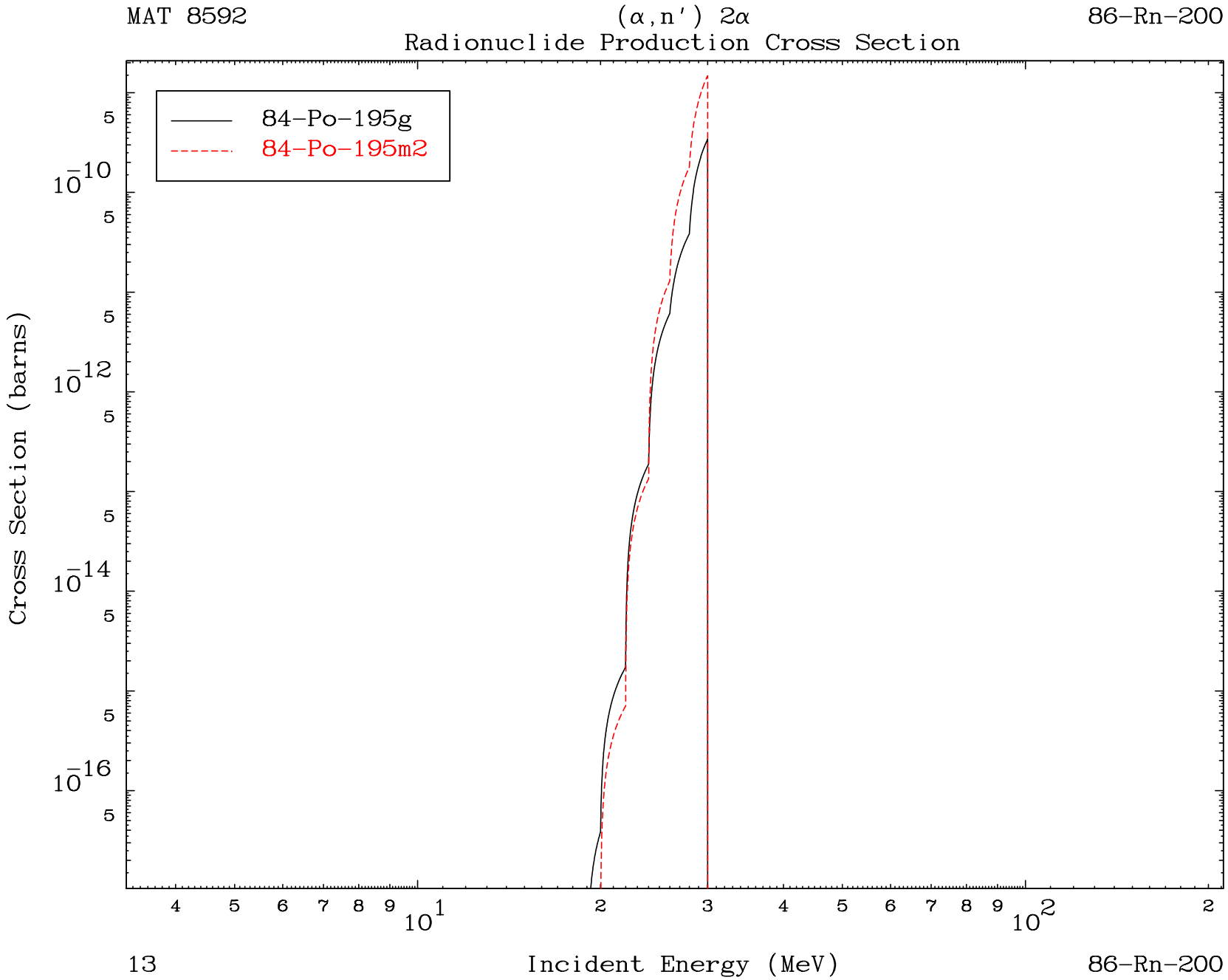

MAT 8592
(α,t) Levels
86-Rn-200
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
86-Rn-200

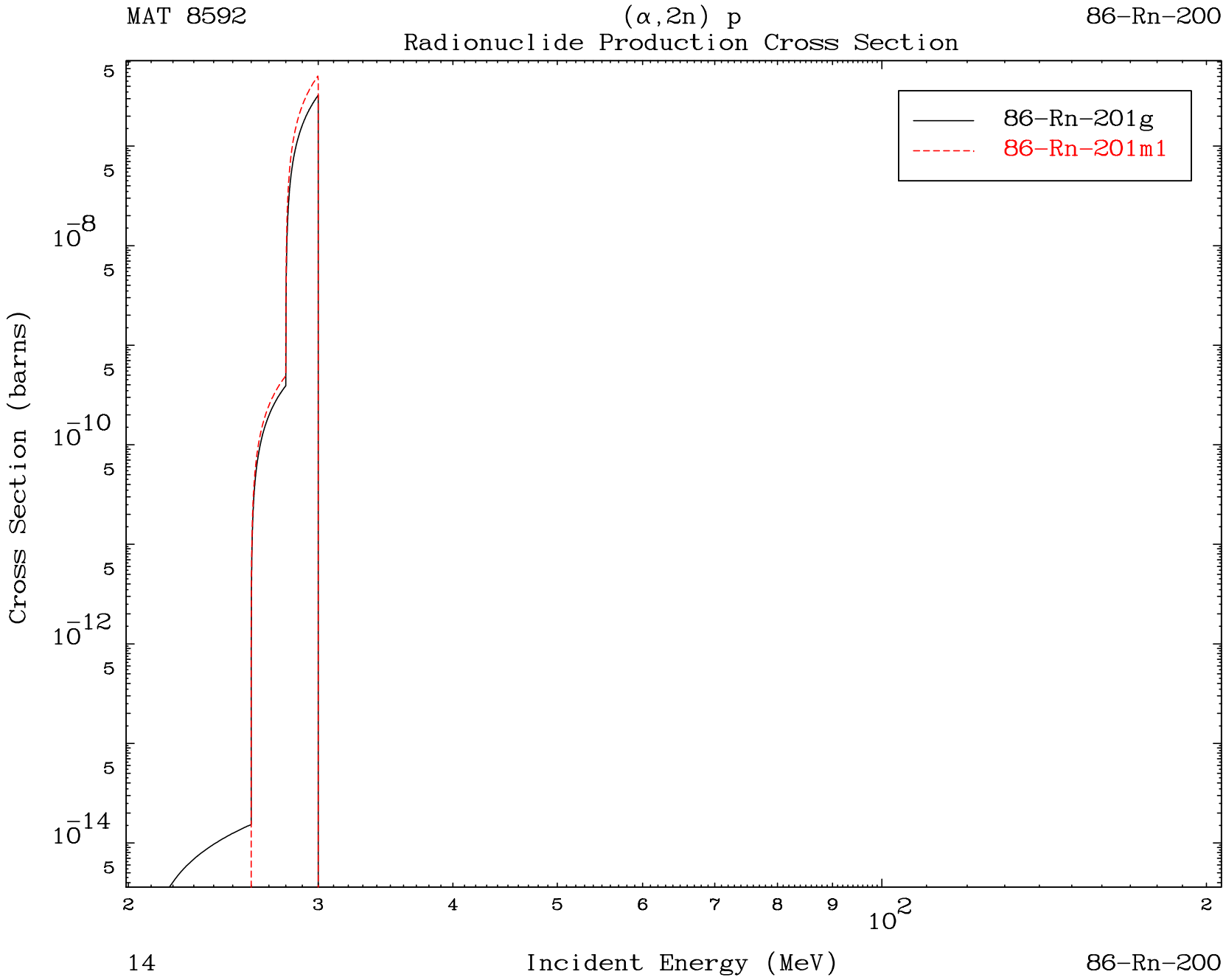

MAT 8592
(α,He3) Levels
86-Rn-200
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
86-Rn-200

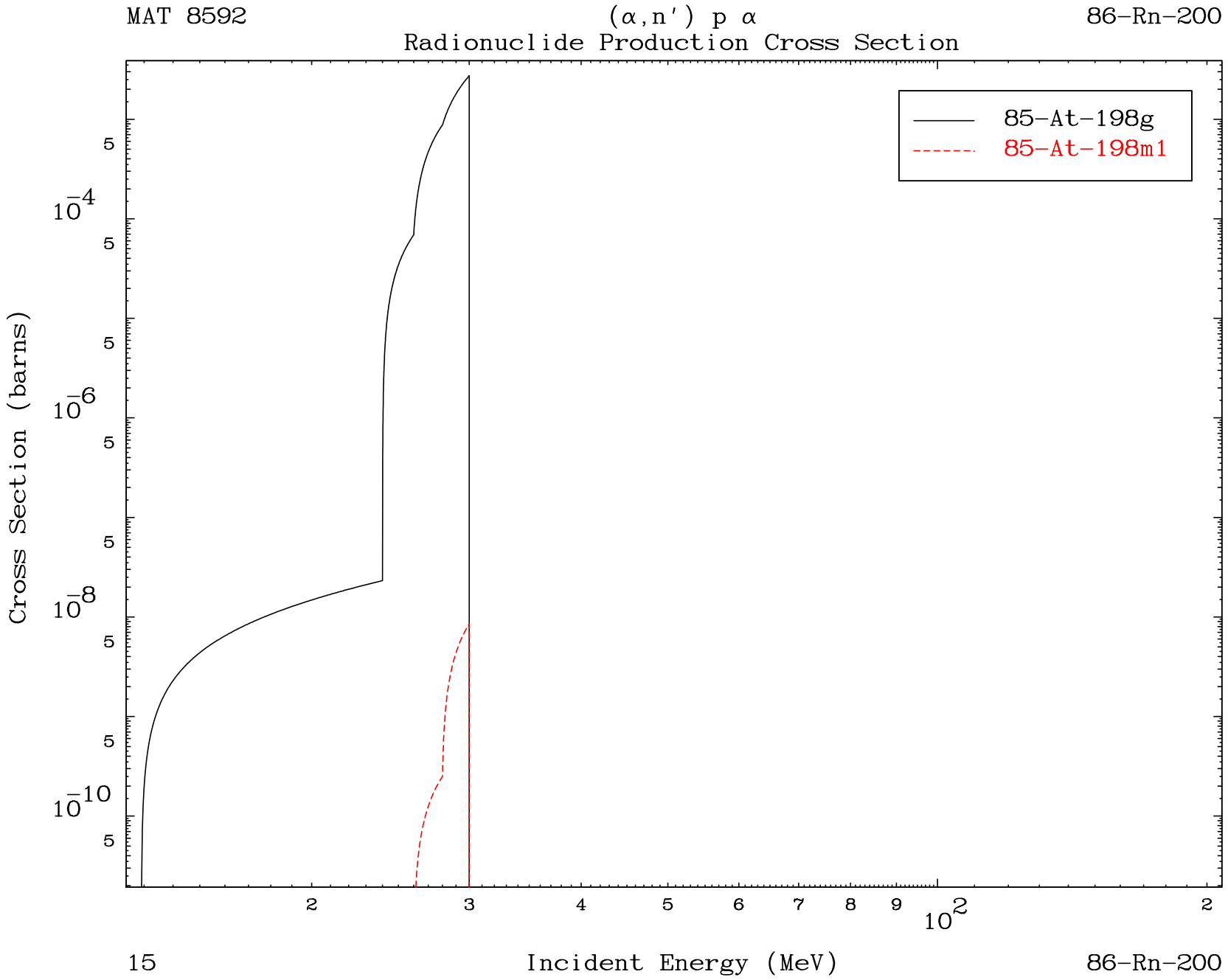

MAT 8592
(α,α) Levels
86-Rn-200
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-200

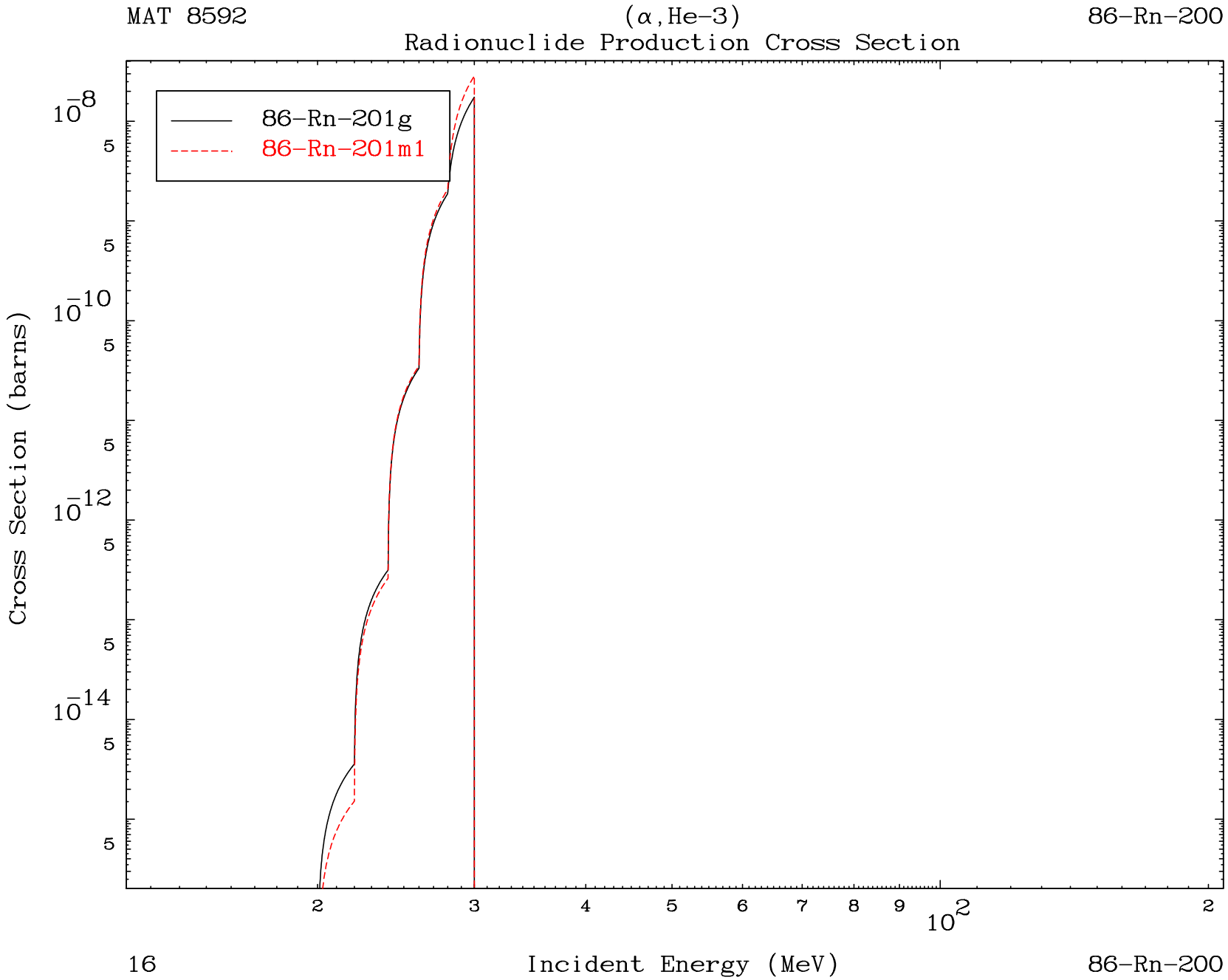

MAT 8592
α Fission
86-Rn-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-3
10^-2
10^-1
10^0
10^1
10^2
Incident Energy (MeV)
11
86-Rn-200

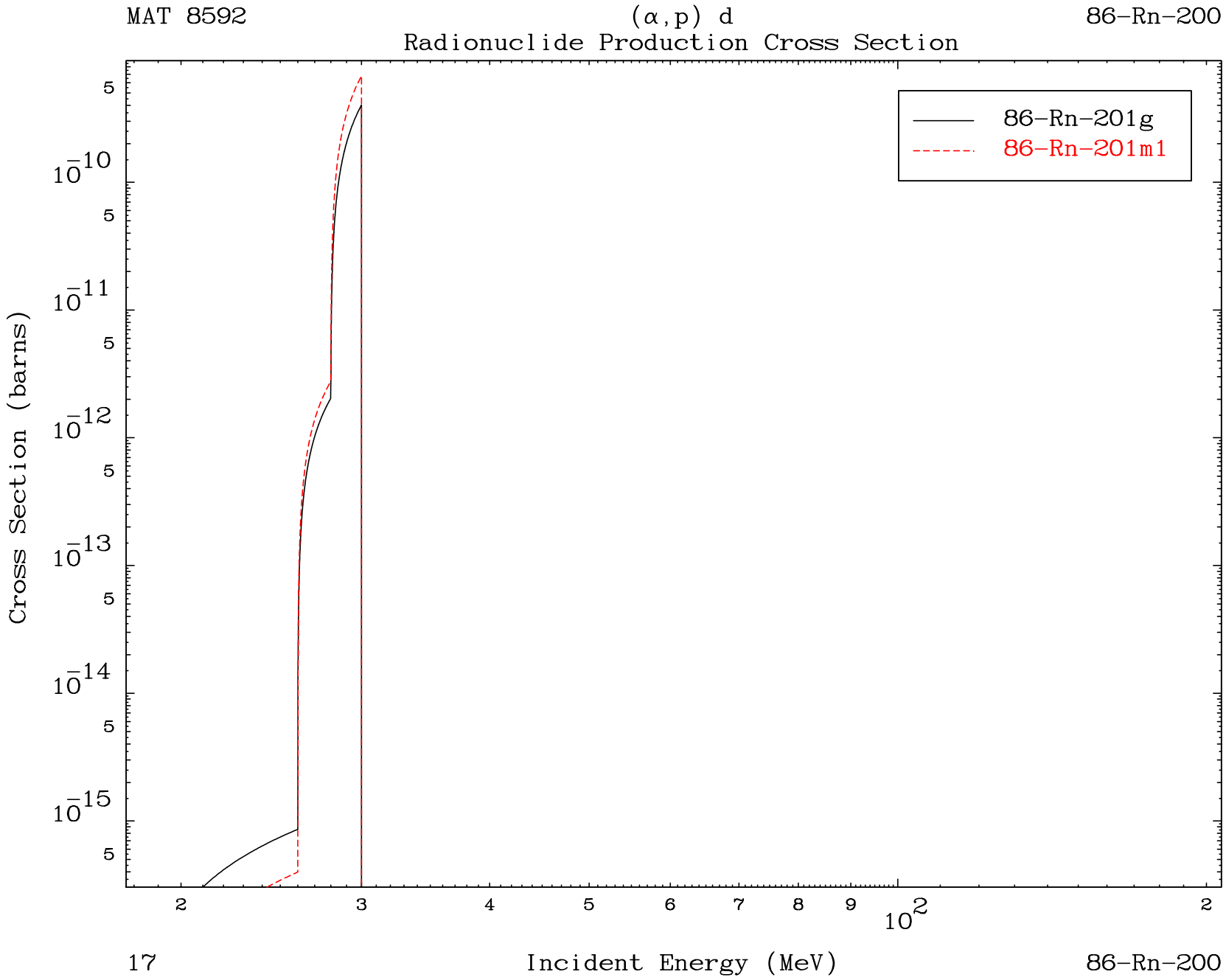

MAT 8592
(α,n') α
86-Rn-200
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
86-Rn-200

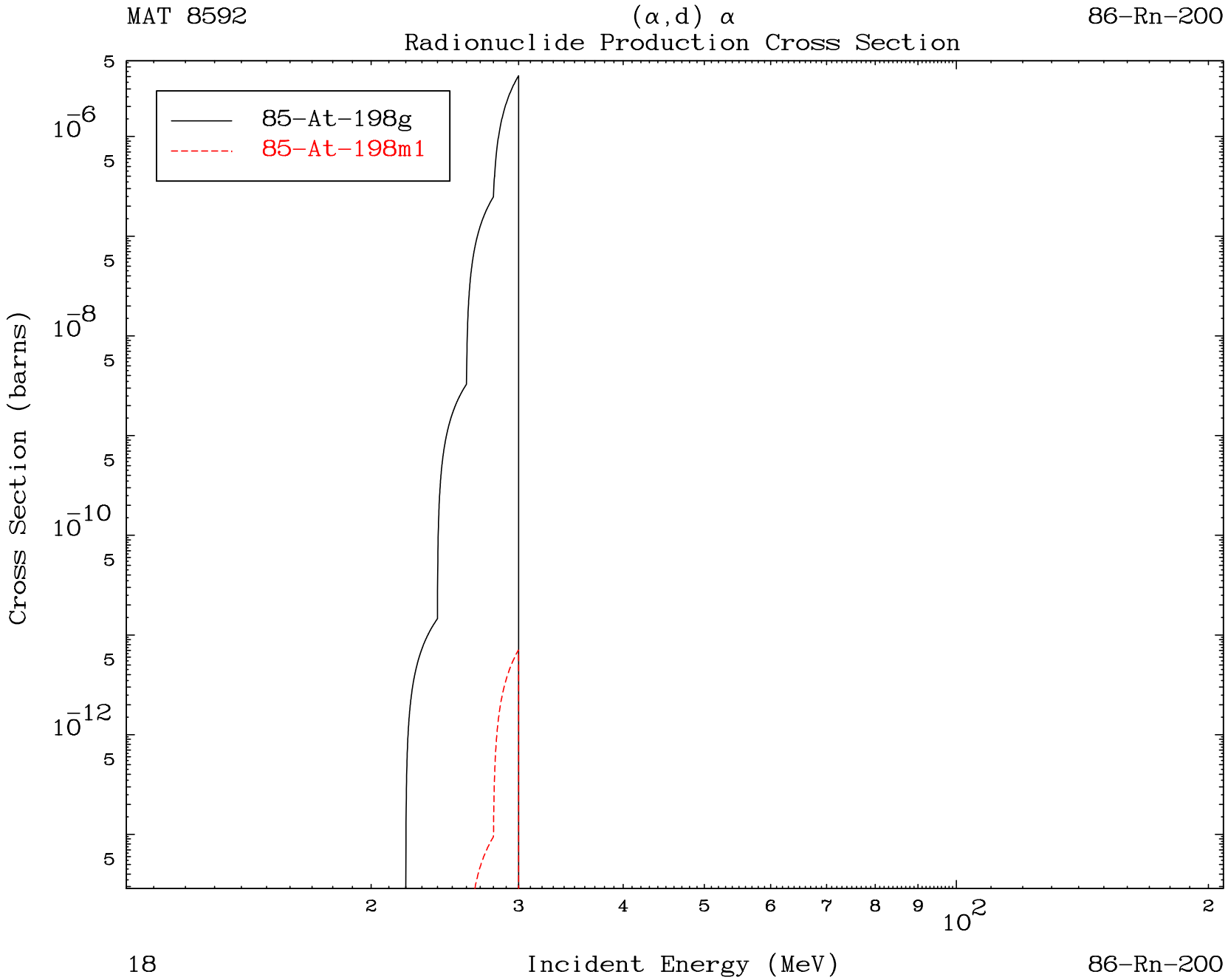

MAT 8592
(α,n') 2α
86-Rn-200
Radionuclide Production Cross Section
84-Po-195g
84-Po-195m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
86-Rn-200


MAT 8592
(α,2n) p
86-Rn-200
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
14
86-Rn-200


MAT 8592
(α,n') p α
86-Rn-200
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
15
86-Rn-200


MAT 8592
(α,He-3)
86-Rn-200
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
86-Rn-200


MAT 8592
(α,p) d
86-Rn-200
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
17
86-Rn-200


MAT 8592
(α,d) α
86-Rn-200
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
86-Rn-200