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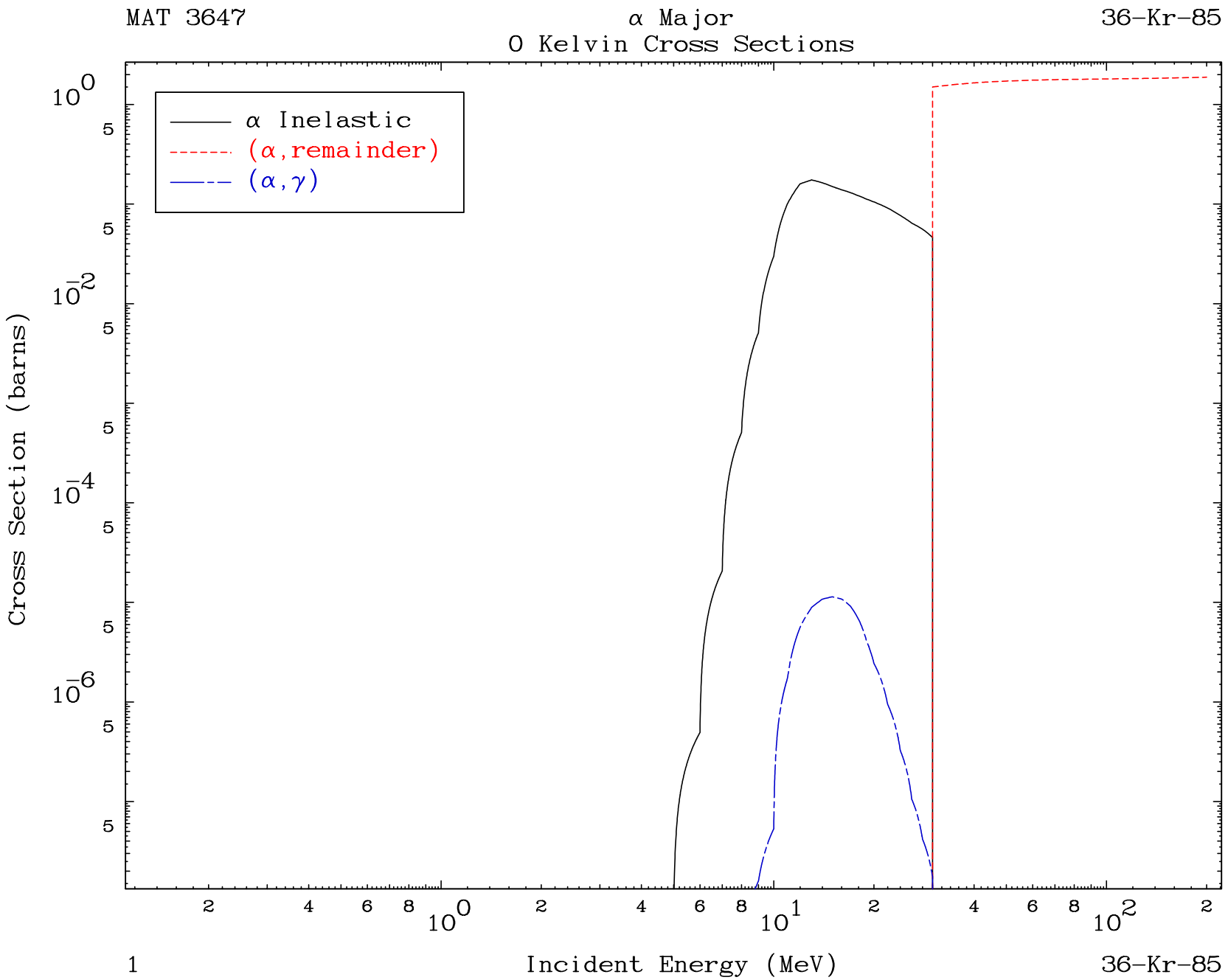
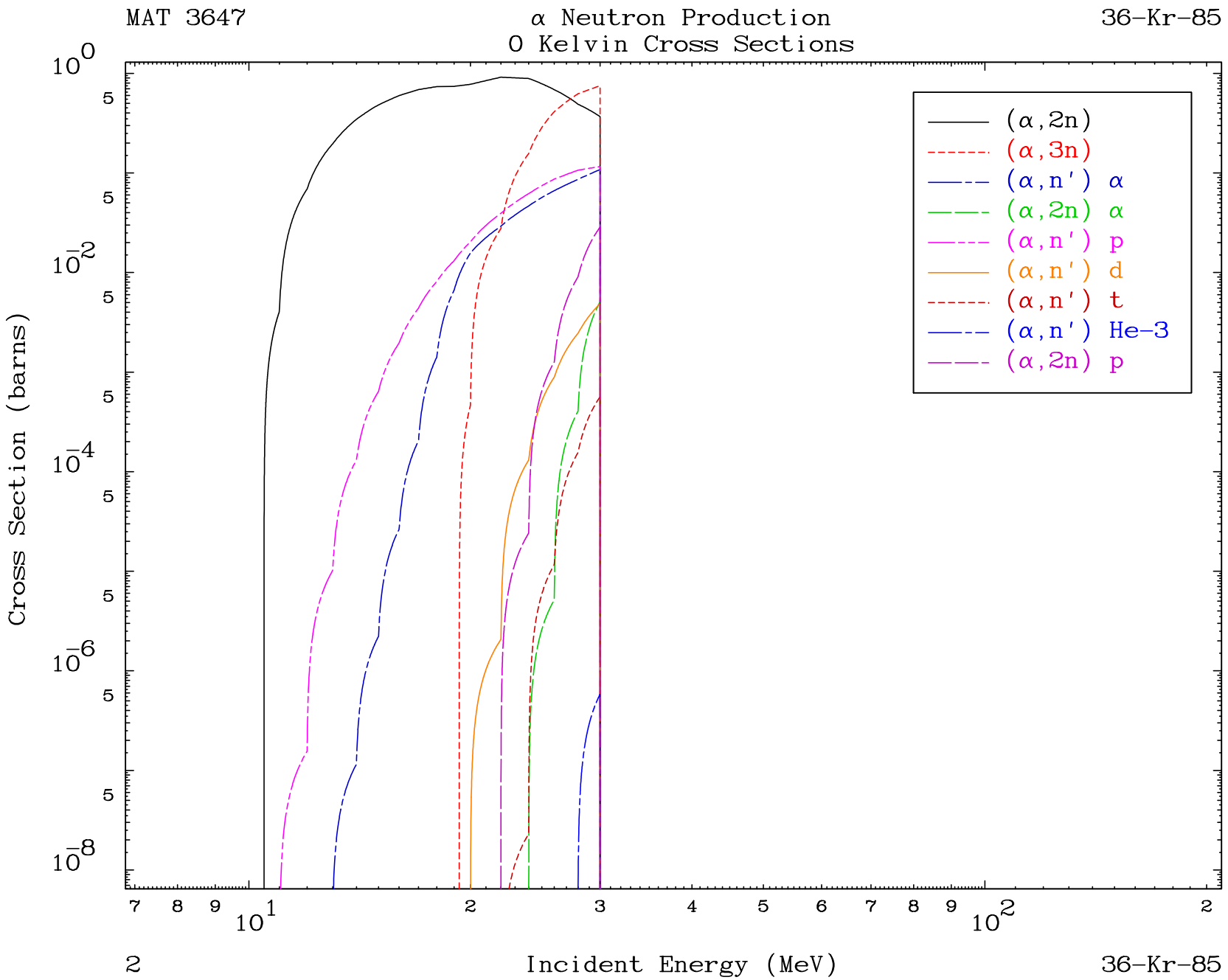
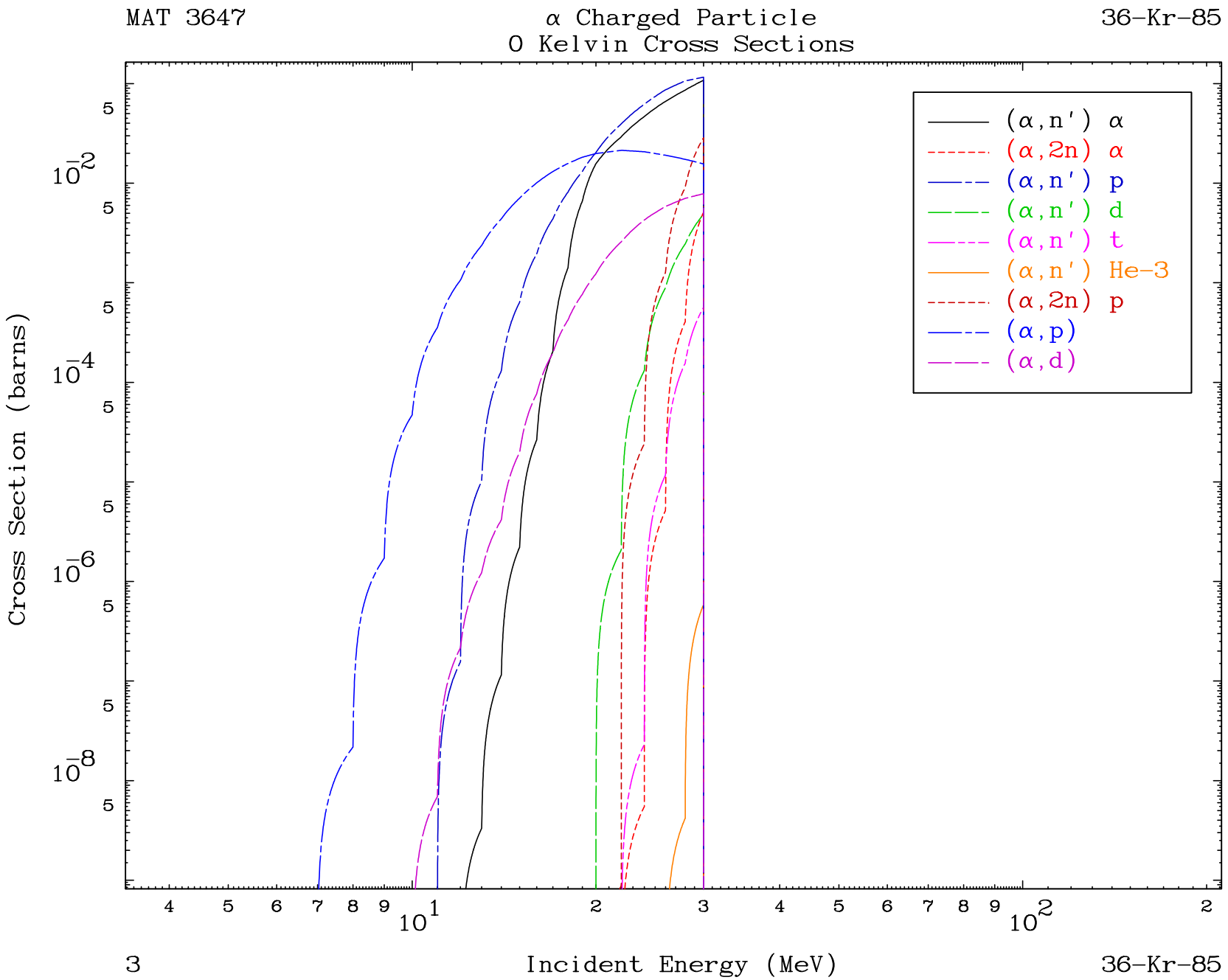
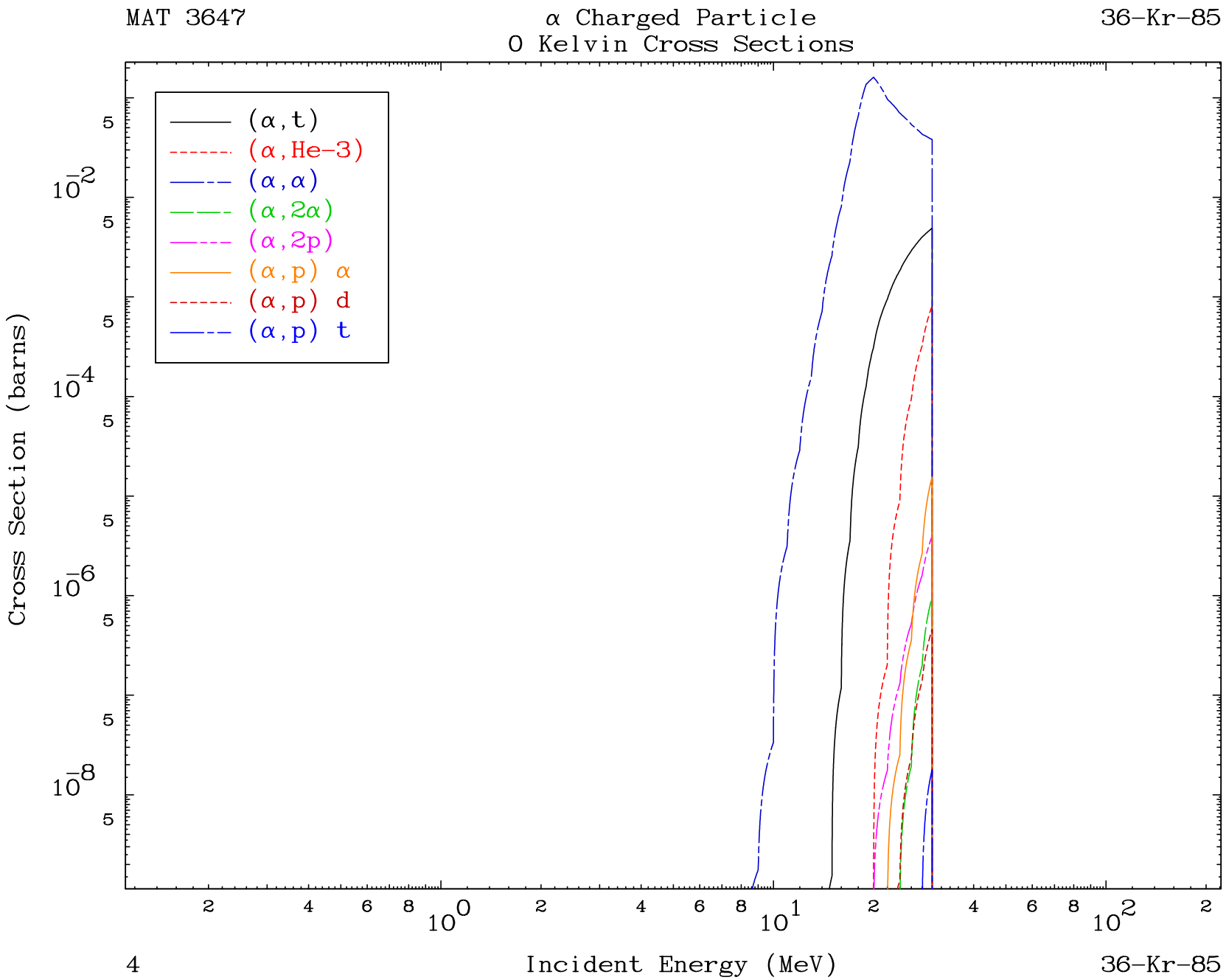
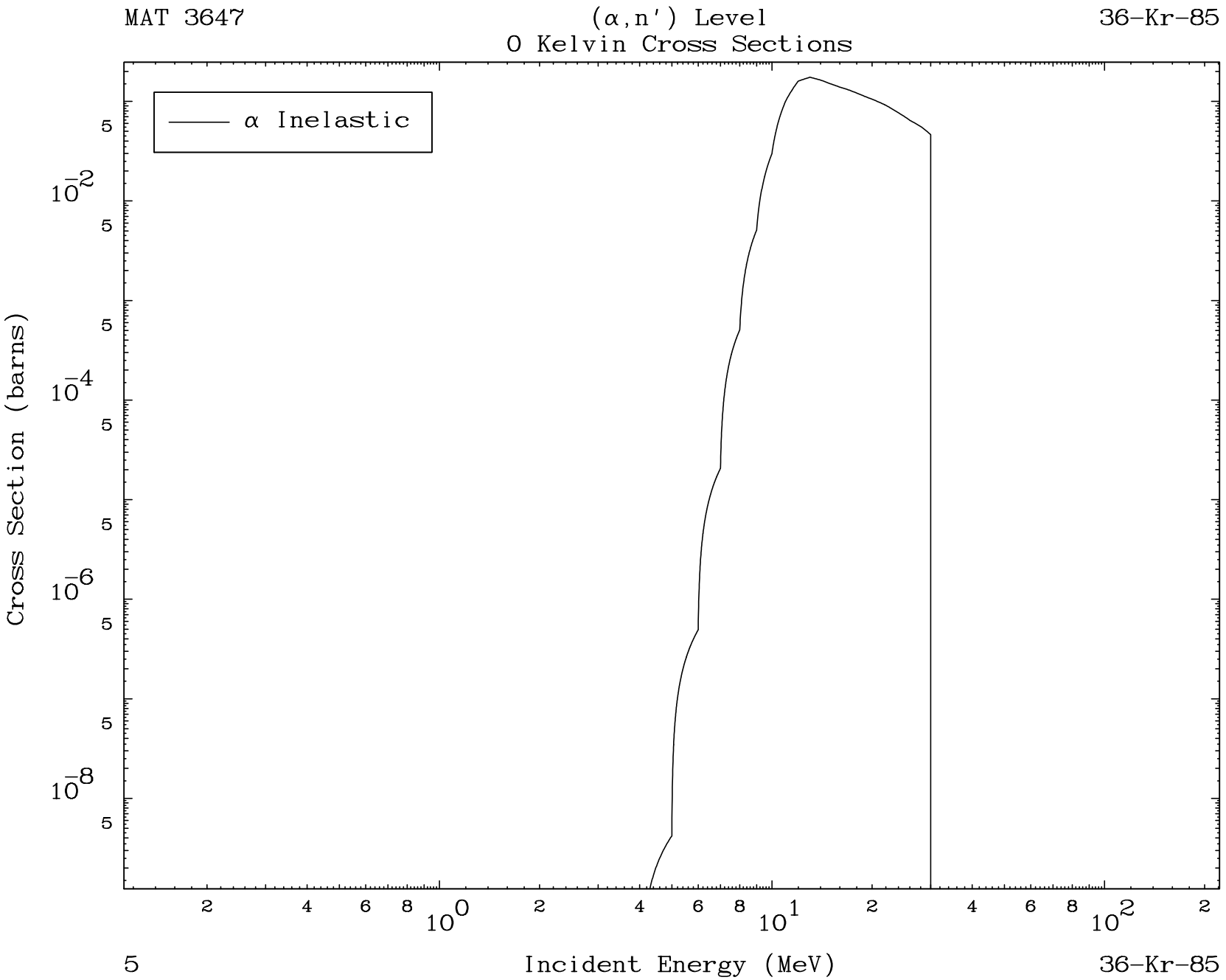
Press Mouse Button to Start

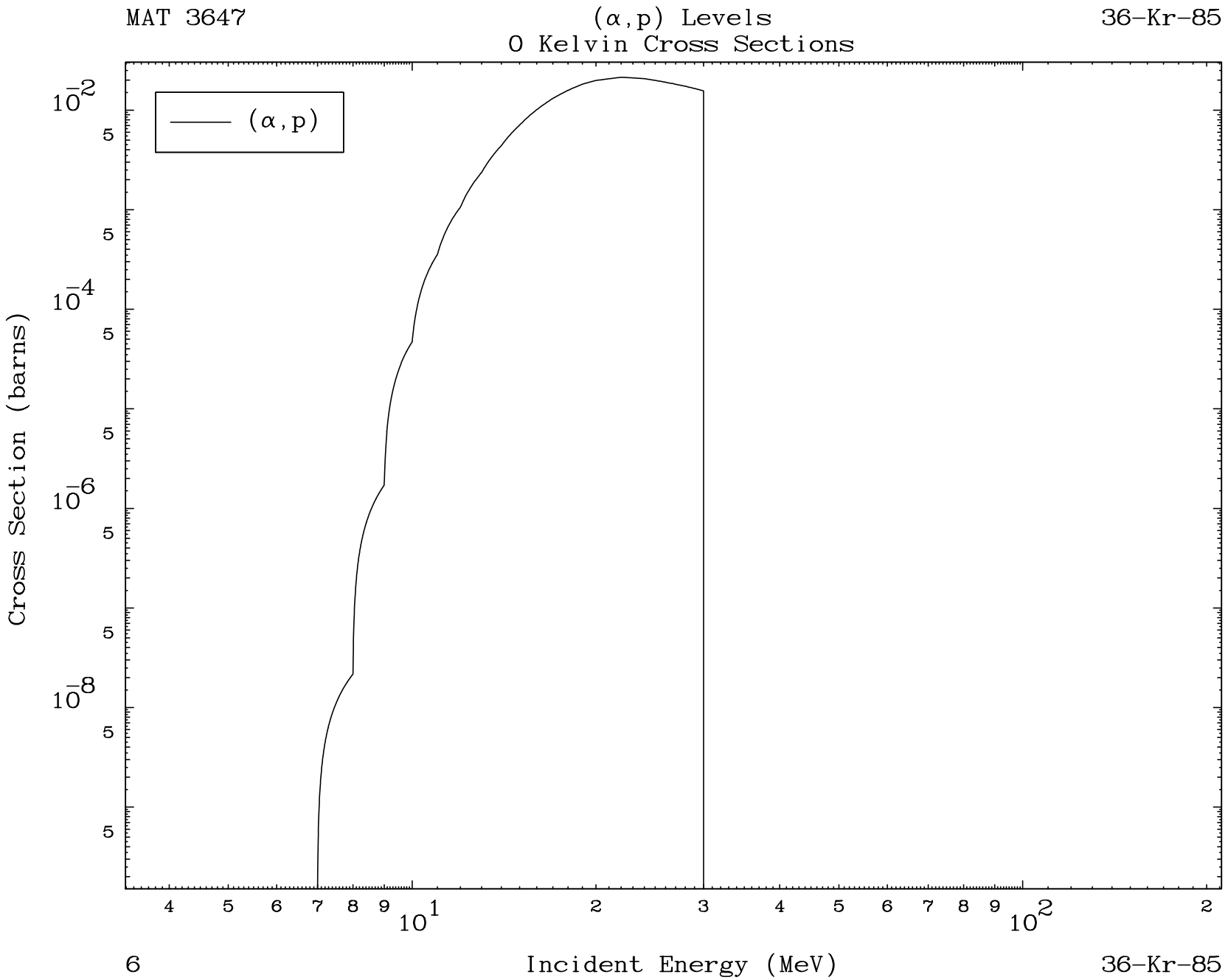

MAT 3647
α Major
36-Kr-85
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
36-Kr-85

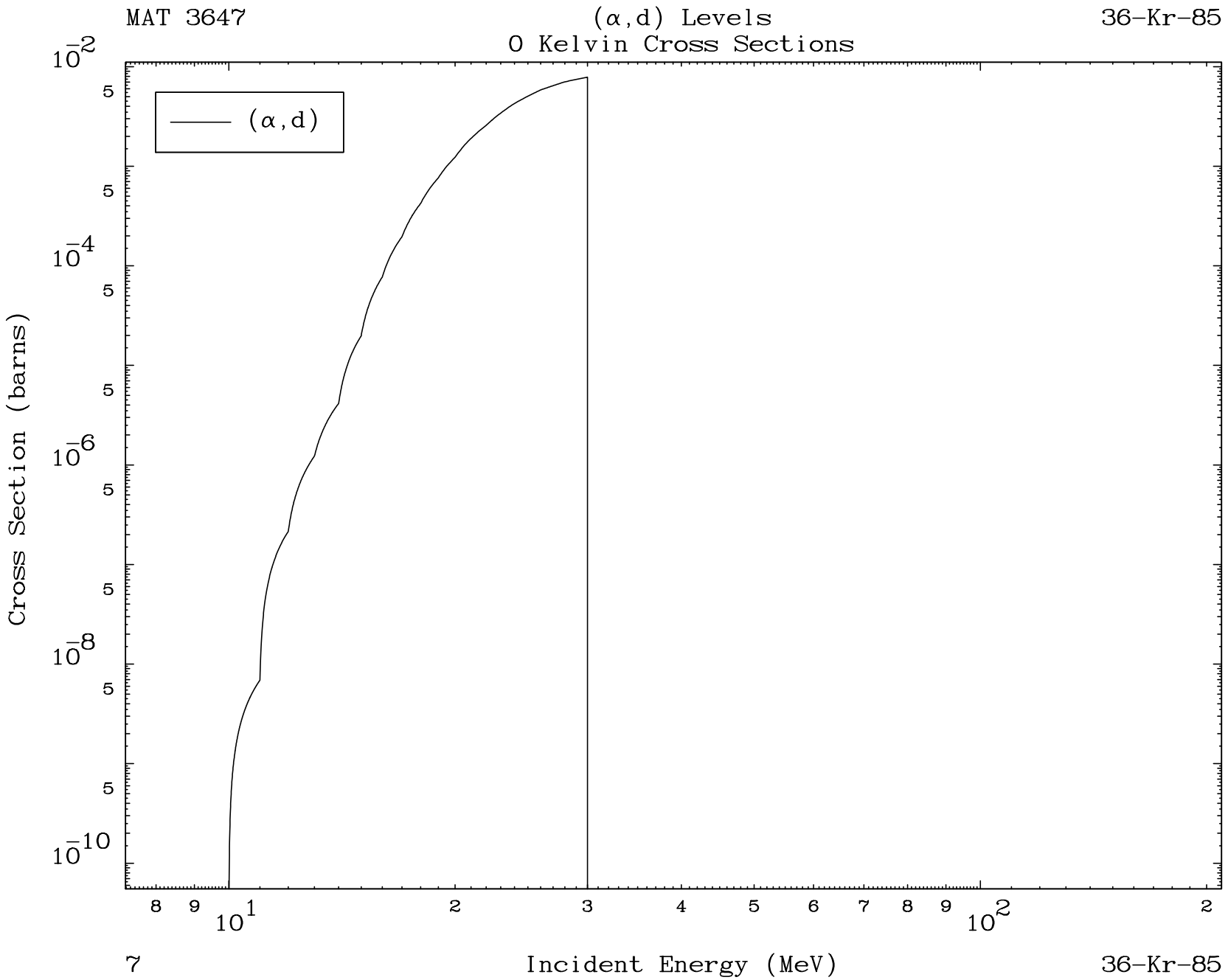

MAT 3647
α Neutron Production
0 Kelvin Cross Sections
36-Kr-85
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
36-Kr-85
2

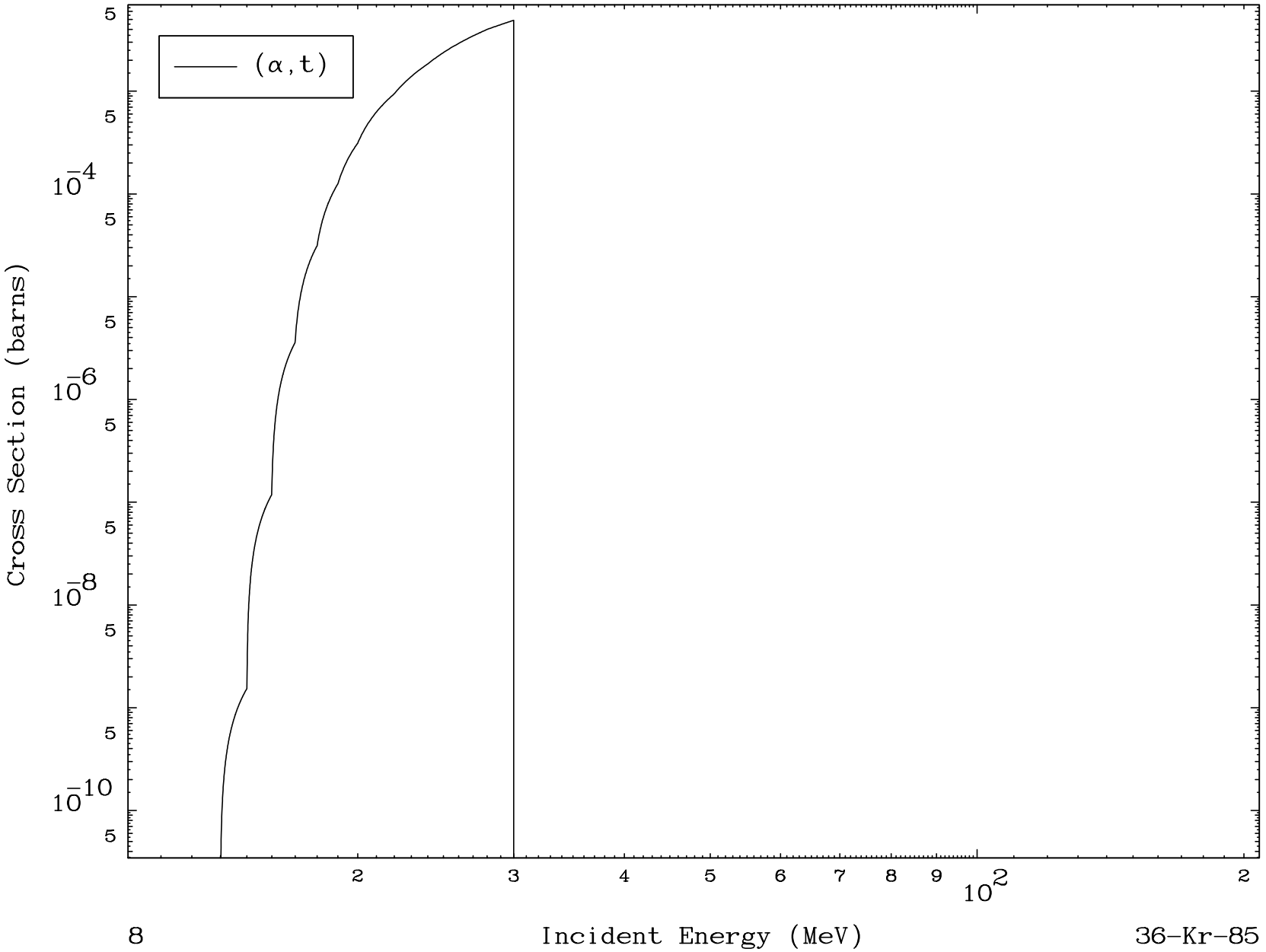

MAT 3647
α Charged Particle
0 Kelvin Cross Sections
36-Kr-85
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
3
36-Kr-85


MAT 3647
α Charged Particle
0 Kelvin Cross Sections
36-Kr-85
(α,t)
(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
36-Kr-85

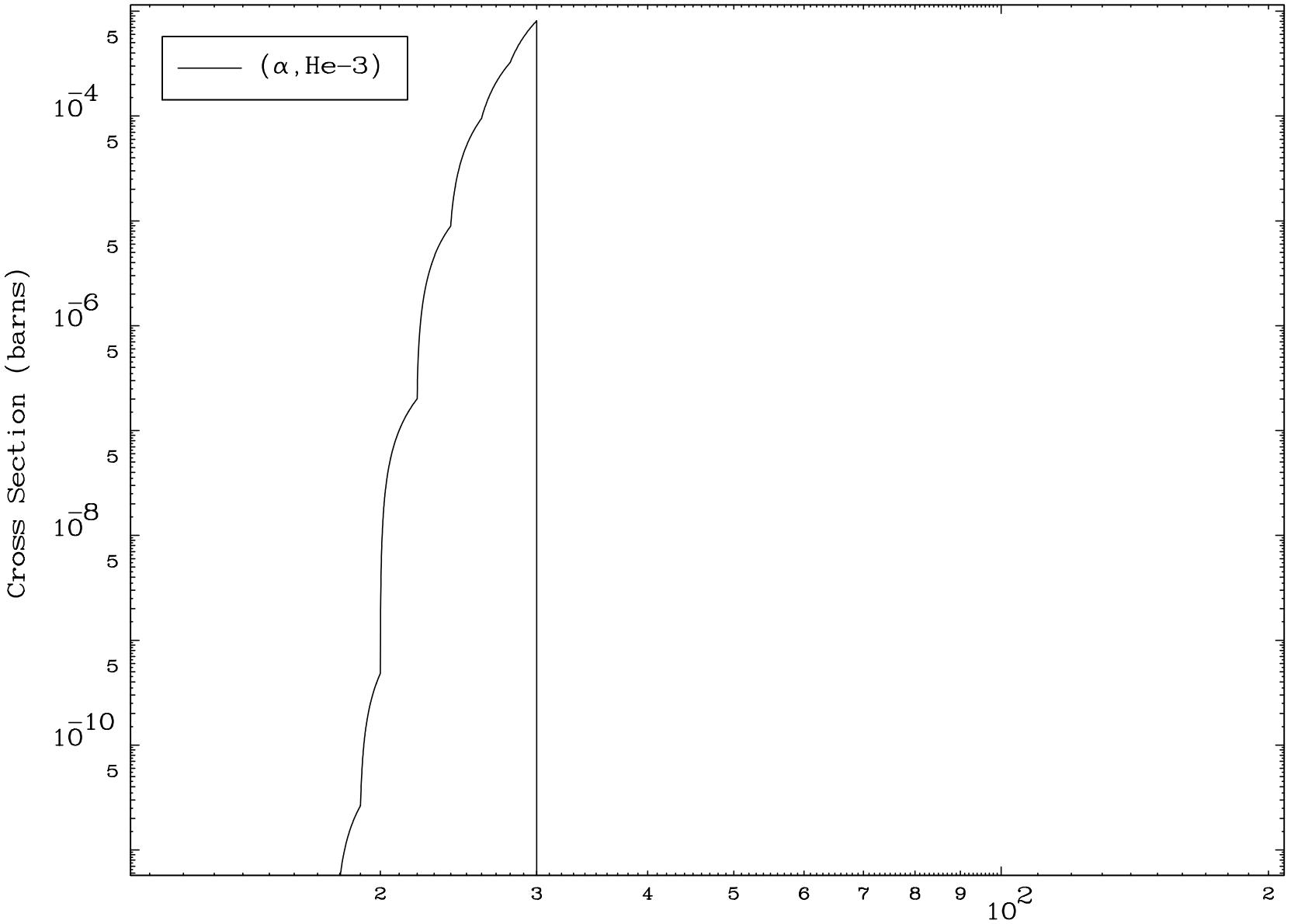

MAT 3647
(α,n') Level
36-Kr-85
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
5
36-Kr-85

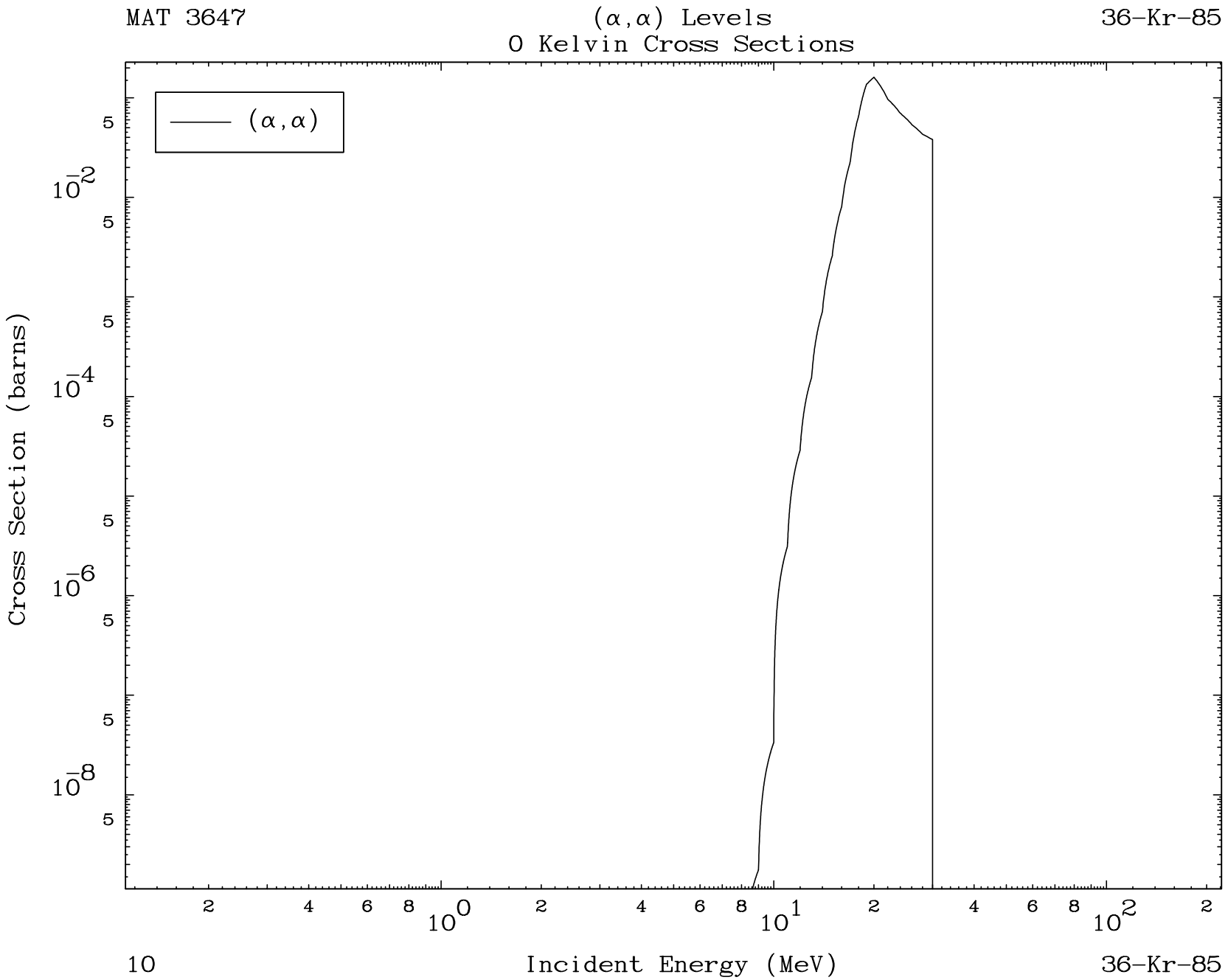

MAT 3647
(α,p) Levels
36-Kr-85
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
6
36-Kr-85

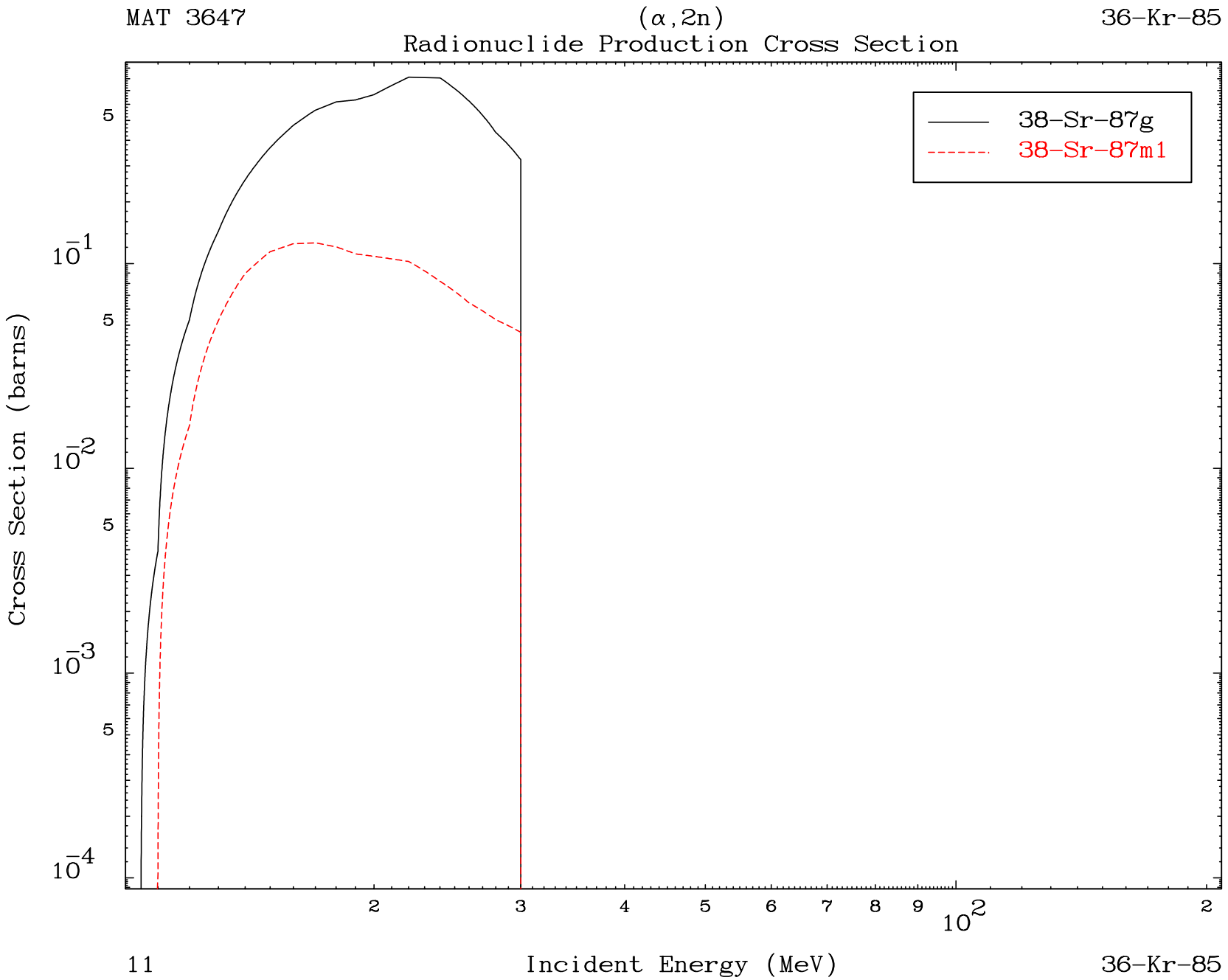

MAT 3647
(α,d) Levels
36-Kr-85
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-85
7

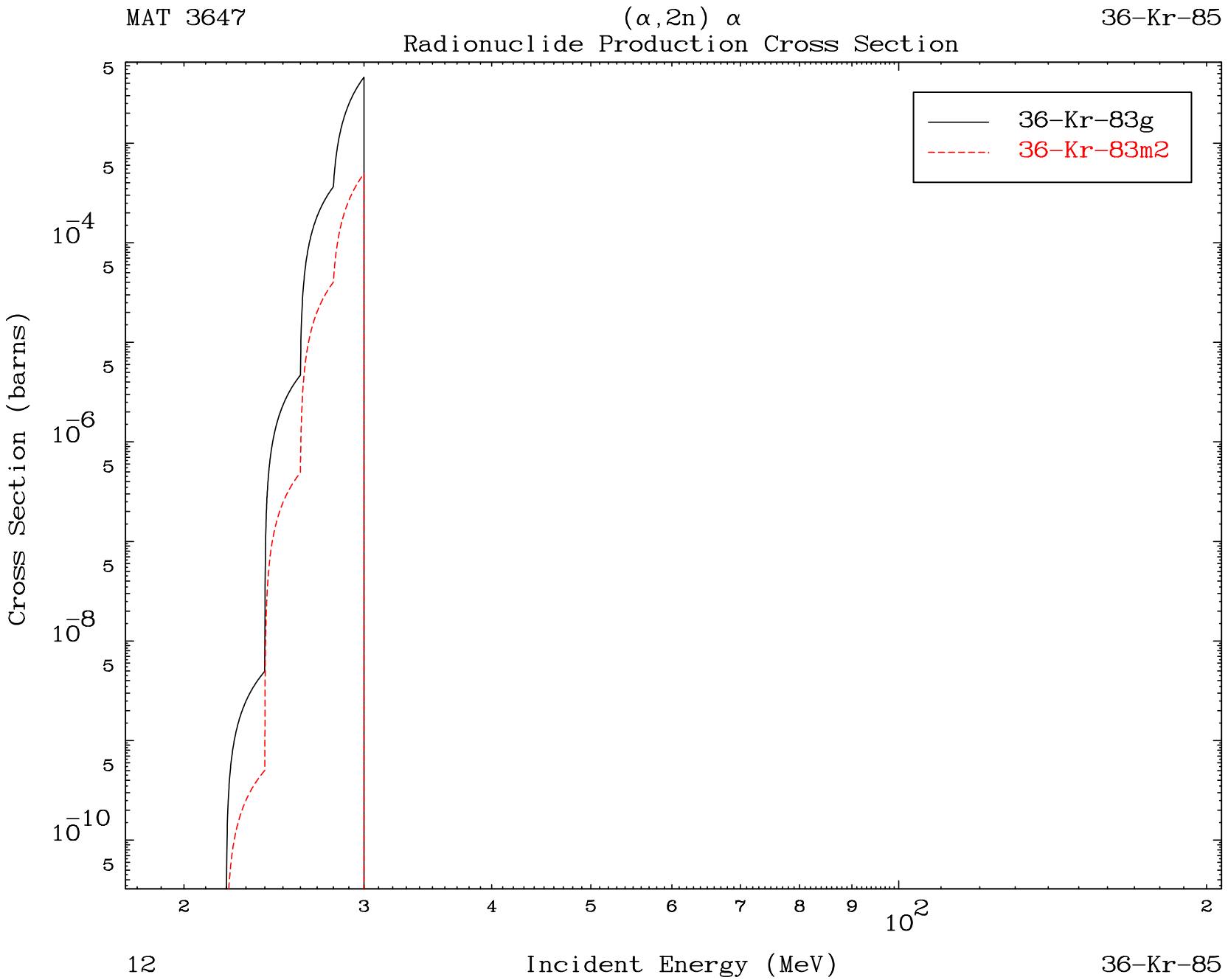

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

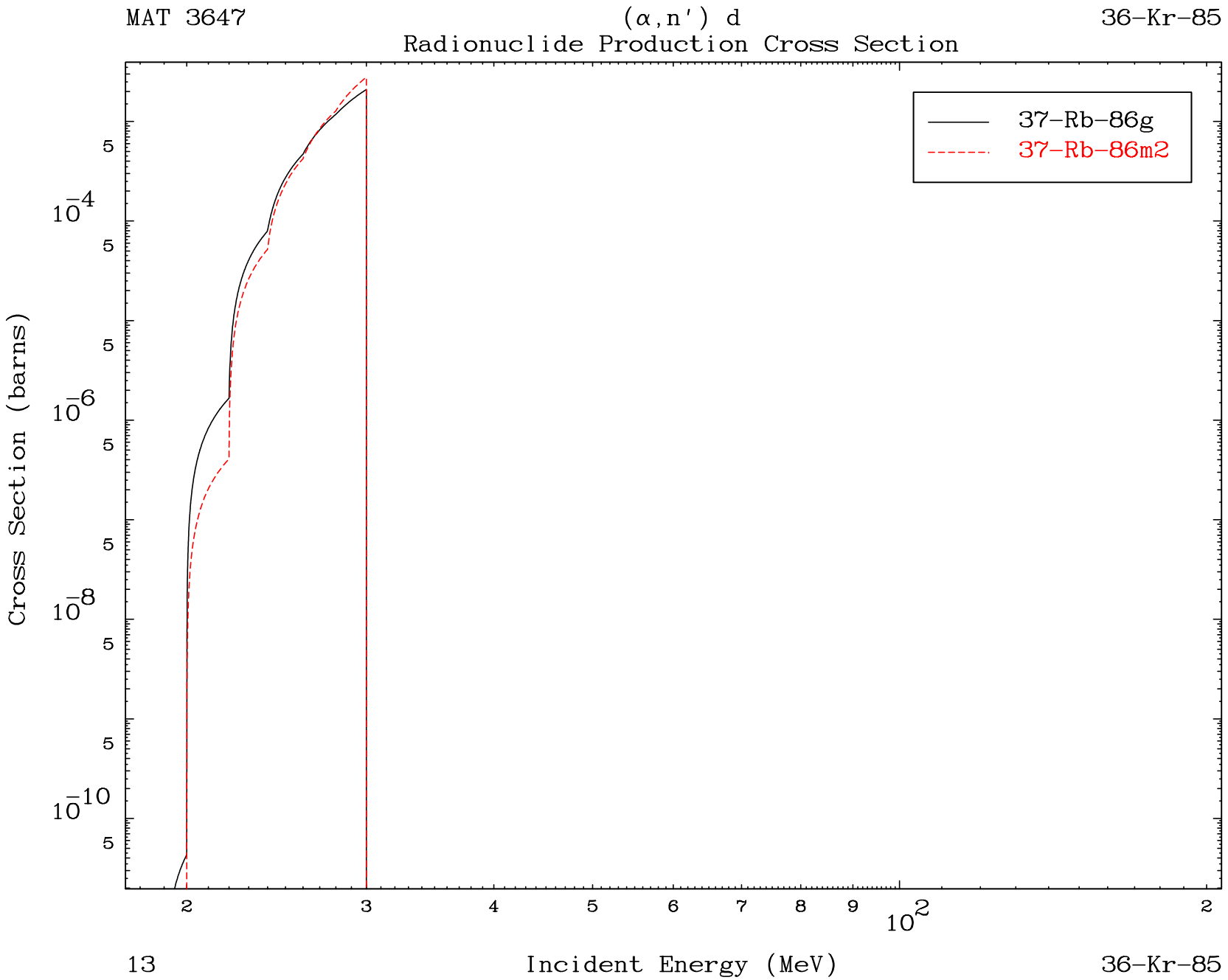
0 Kelvin Cross Sections

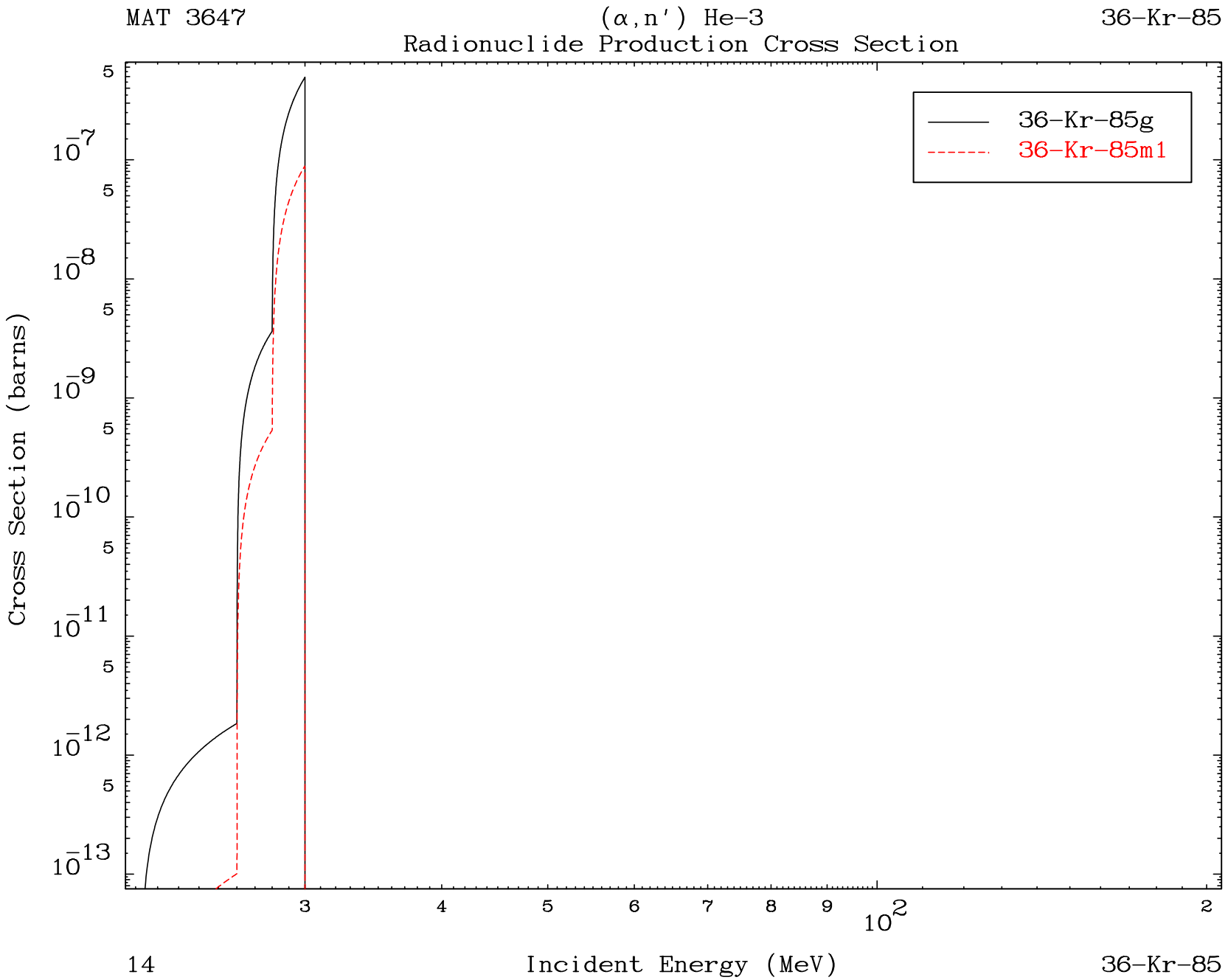


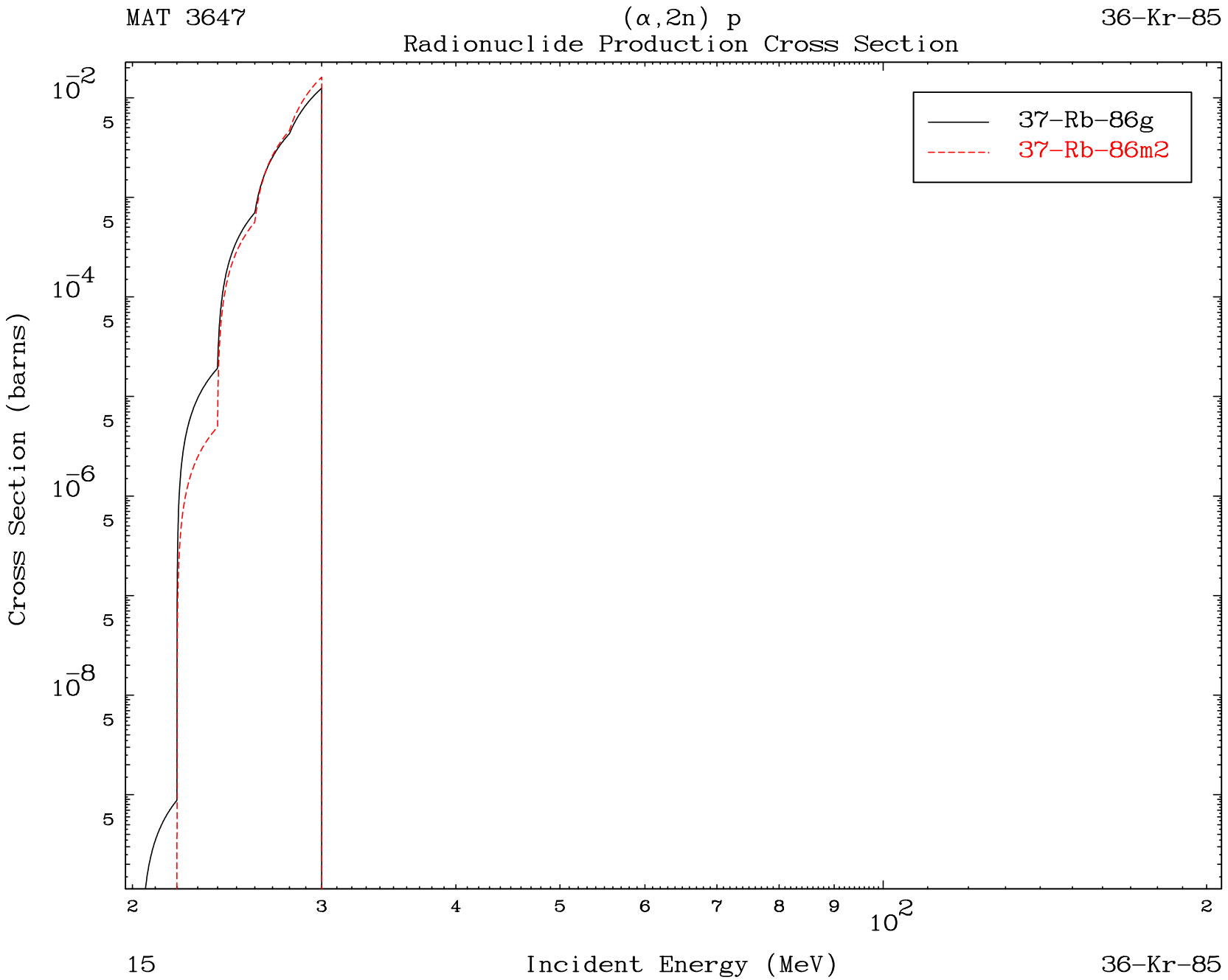

MAT 3647
(α,α) Levels
36-Kr-85
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10
Incident Energy (MeV)
36-Kr-85

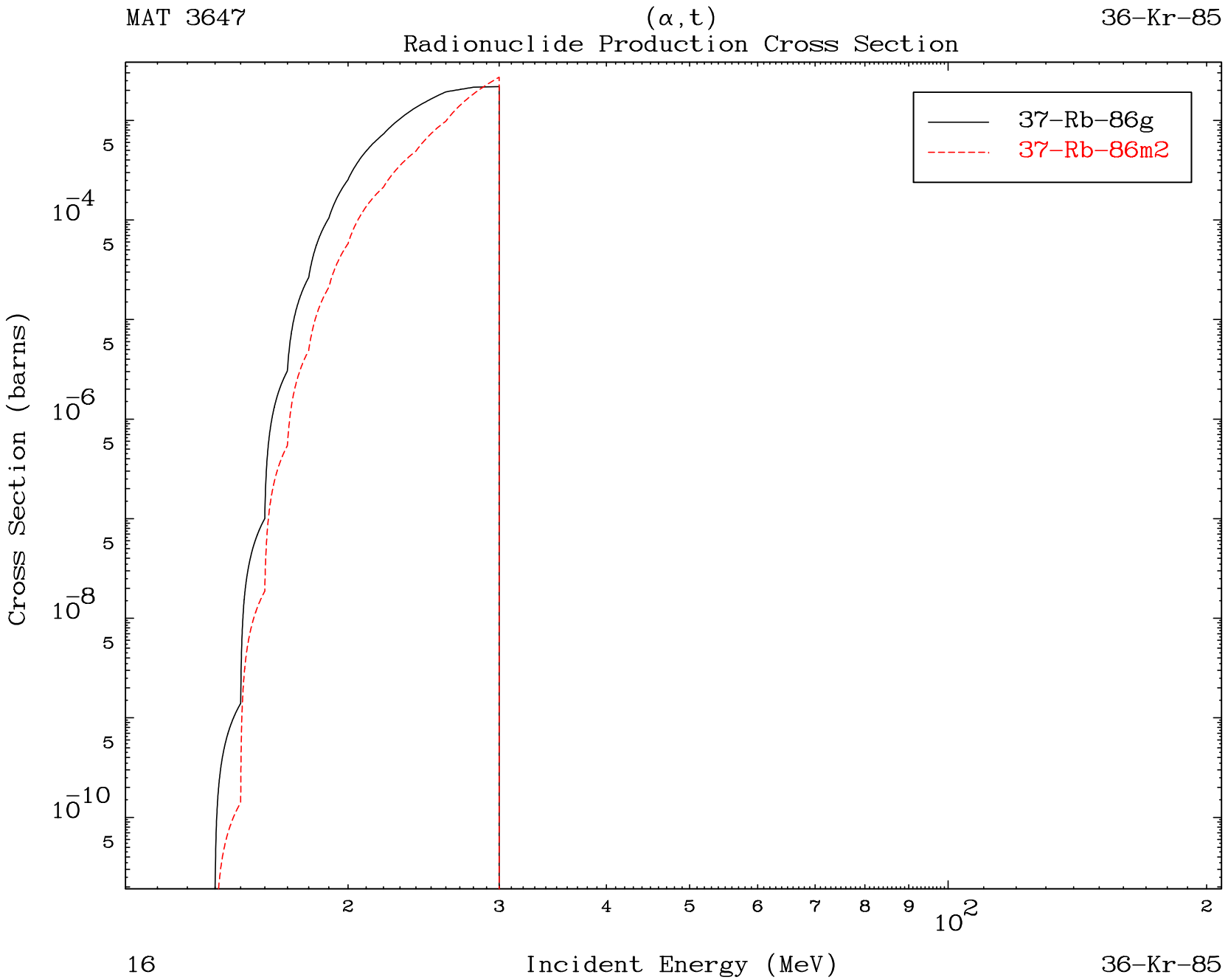

MAT 3647
(α,2n)
36-Kr-85
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
10-1
10-2
10-3
10-4
5
2
3
4
6
7
8
9
10+2
Incident Energy (MeV)
11
36-Kr-85

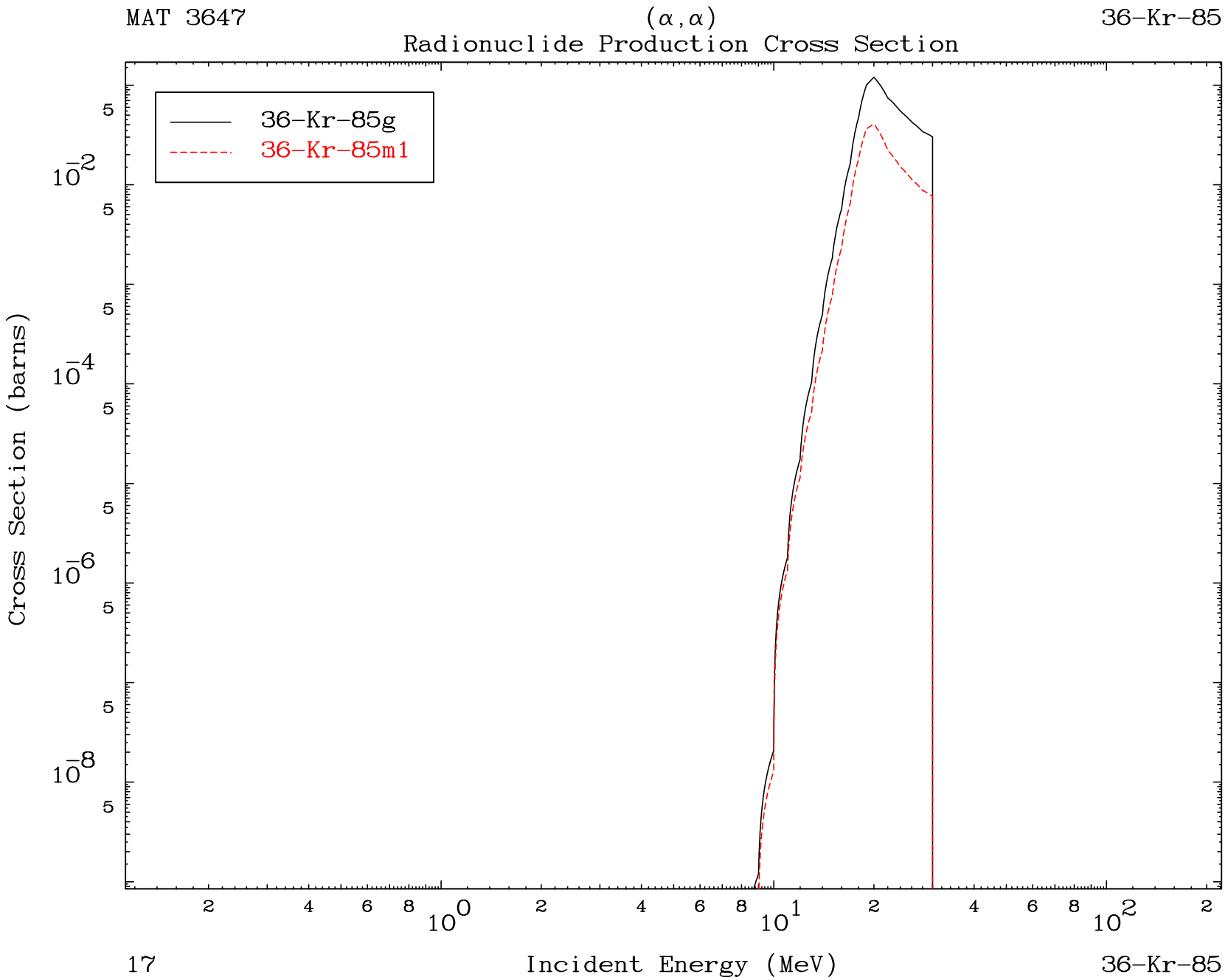

MAT 3647
(α,2n) α
36-Kr-85
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
36-Kr-85

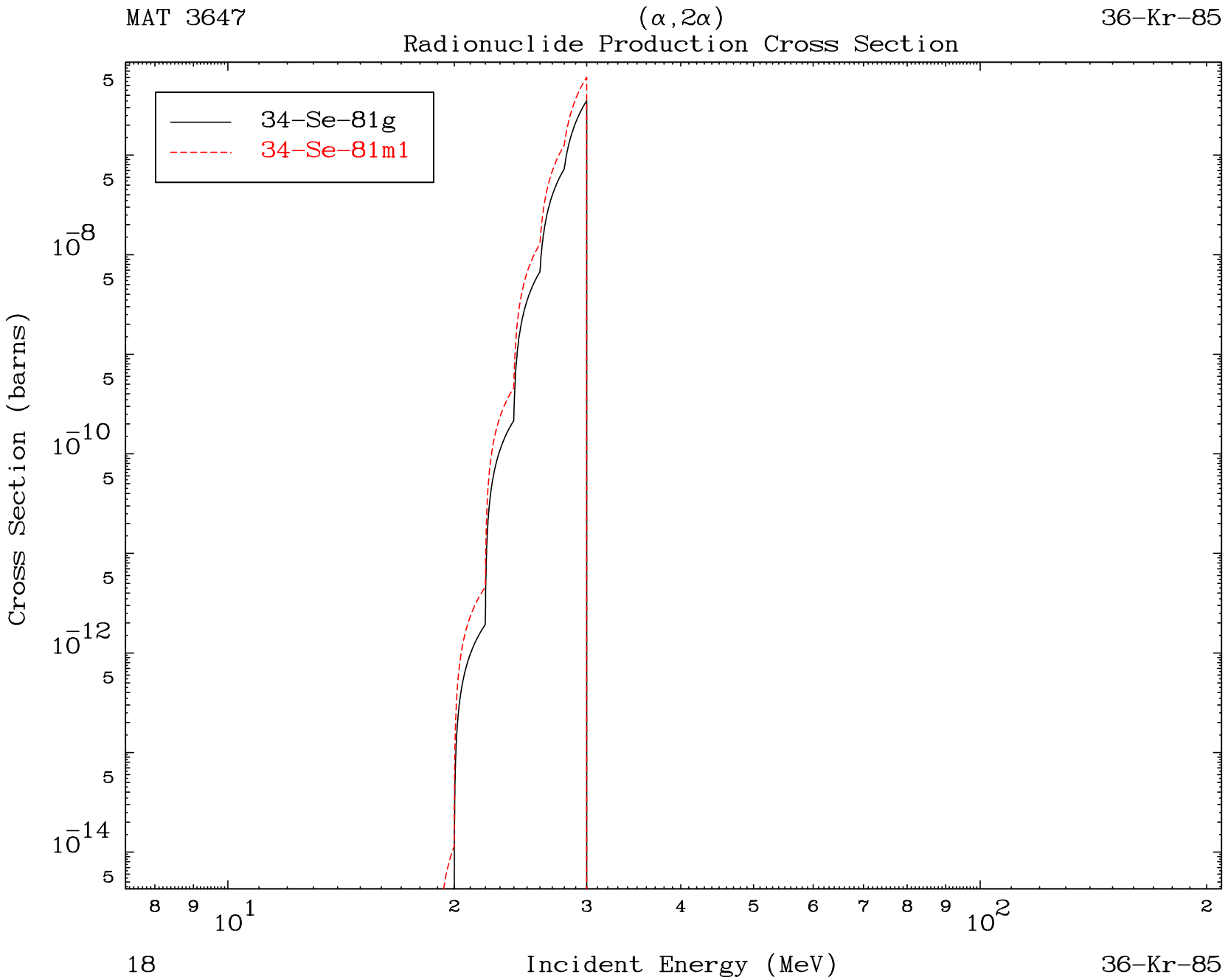

MAT 3647
(α,n') d
36-Kr-85
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
36-Kr-85

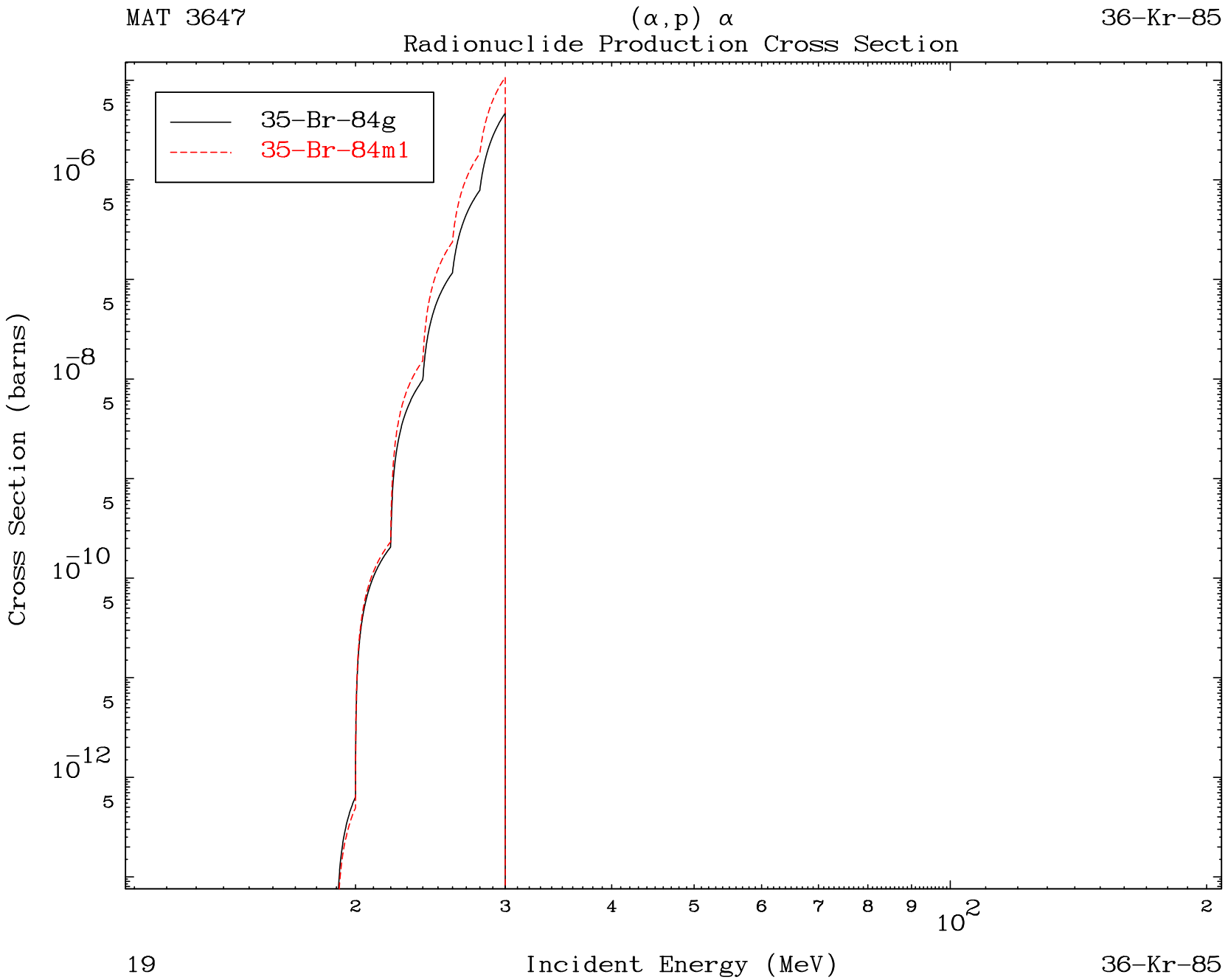

MAT 3647
(α,n') He-3
36-Kr-85
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
14
36-Kr-85

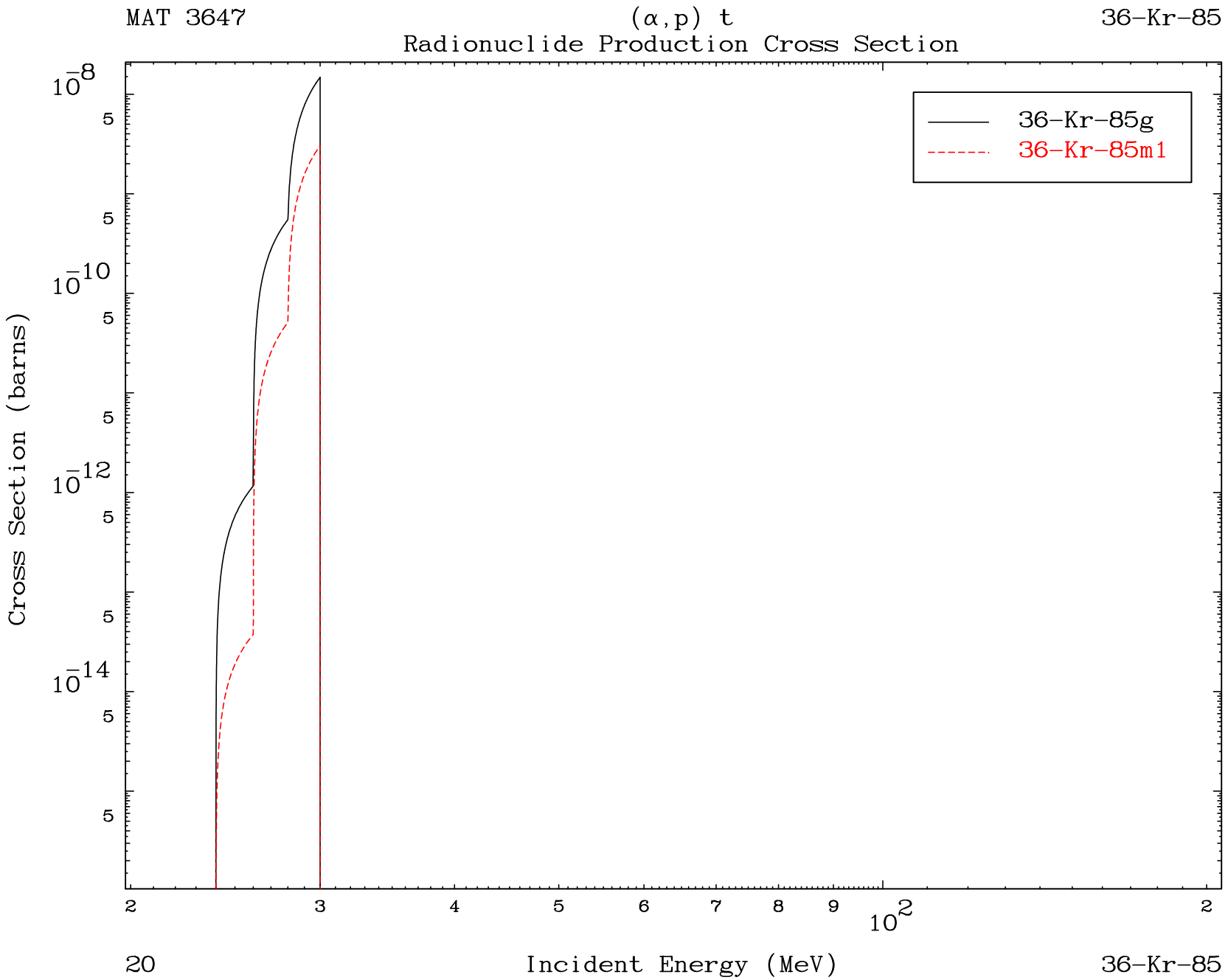

MAT 3647
(α,2n) p
36-Kr-85
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
15
36-Kr-85


MAT 3647
(α,t)
36-Kr-85
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
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)
36-Kr-85


MAT 3647
(α,α)
36-Kr-85
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
17
36-Kr-85


MAT 3647
(α,2α)
36-Kr-85
Radionuclide Production Cross Section
34-Se-81g
34-Se-81m1
Cross Section (barns)
Incident Energy (MeV)
18
36-Kr-85


MAT 3647
(α,p) α
36-Kr-85
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
36-Kr-85


MAT 3647
(α,p) t
36-Kr-85
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
36-Kr-85