Program EVALPLOT
(Version 2021-1)
by
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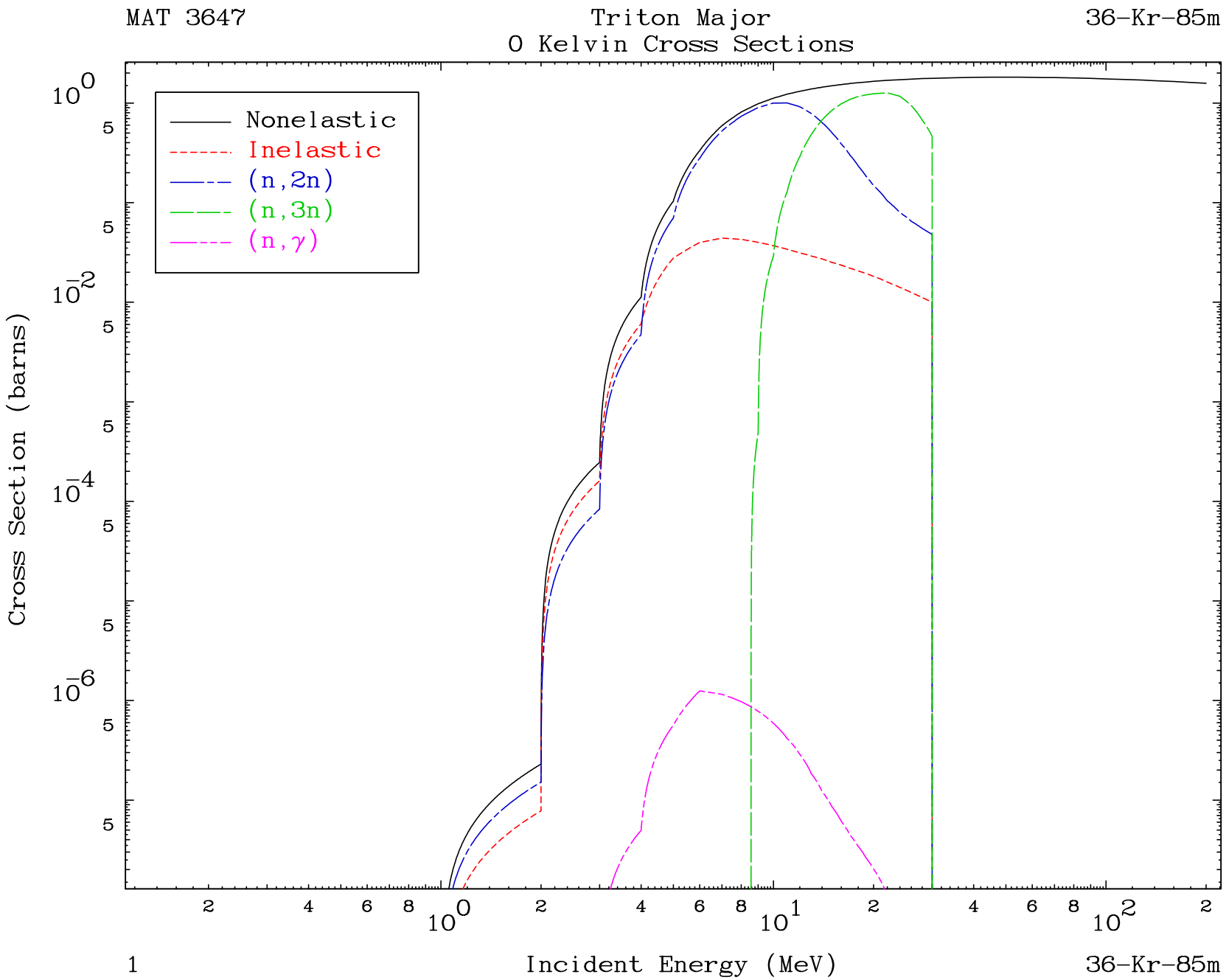
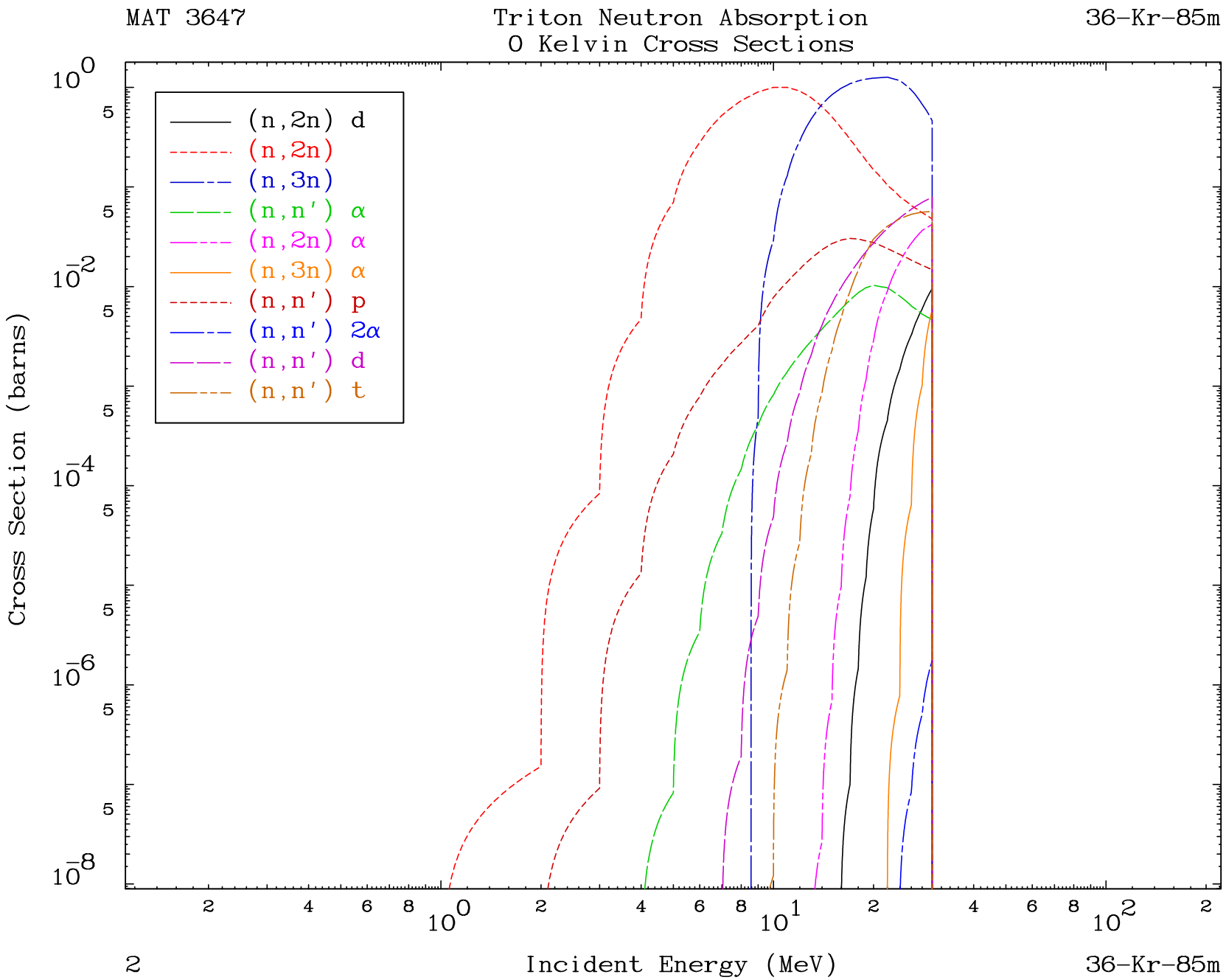
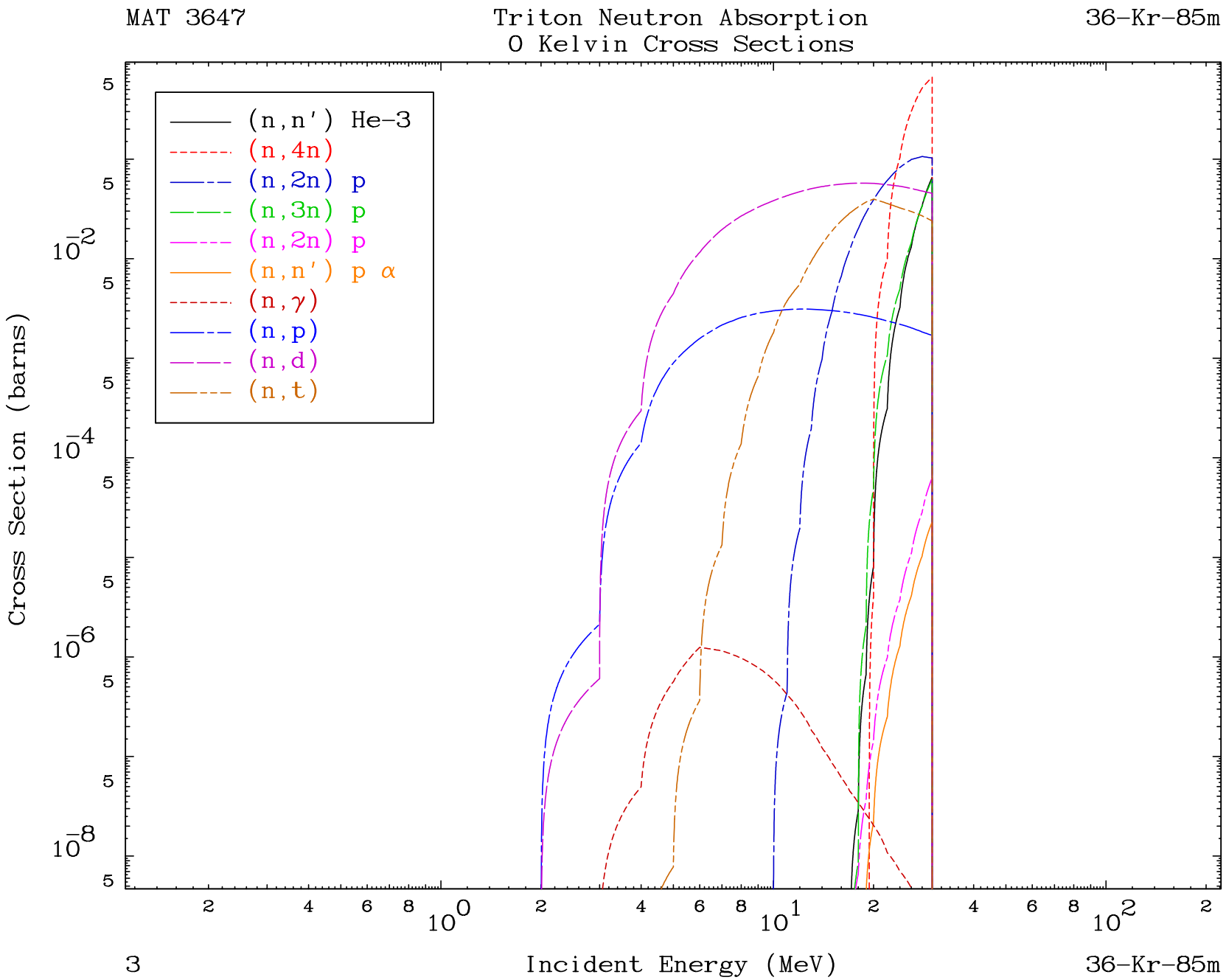
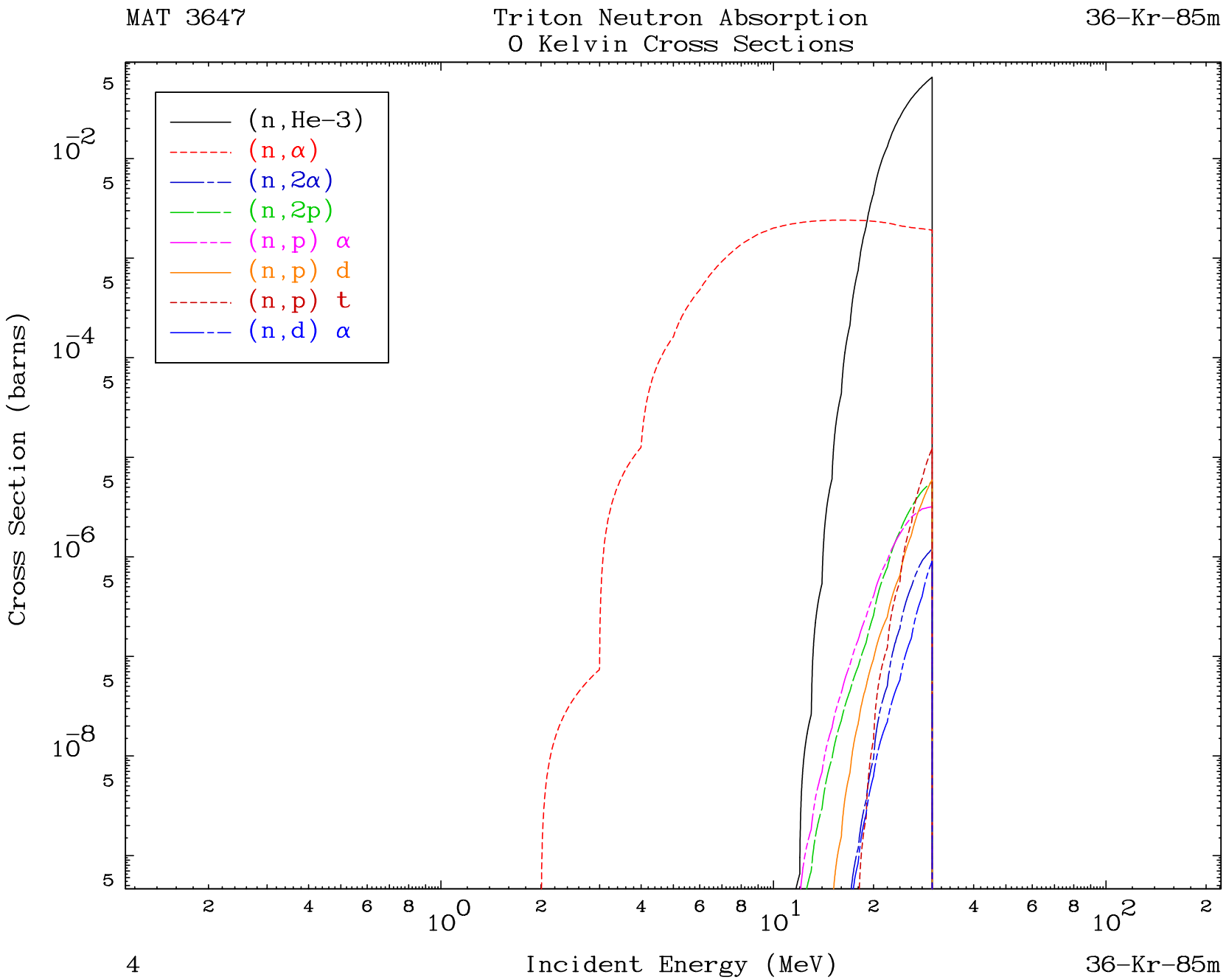
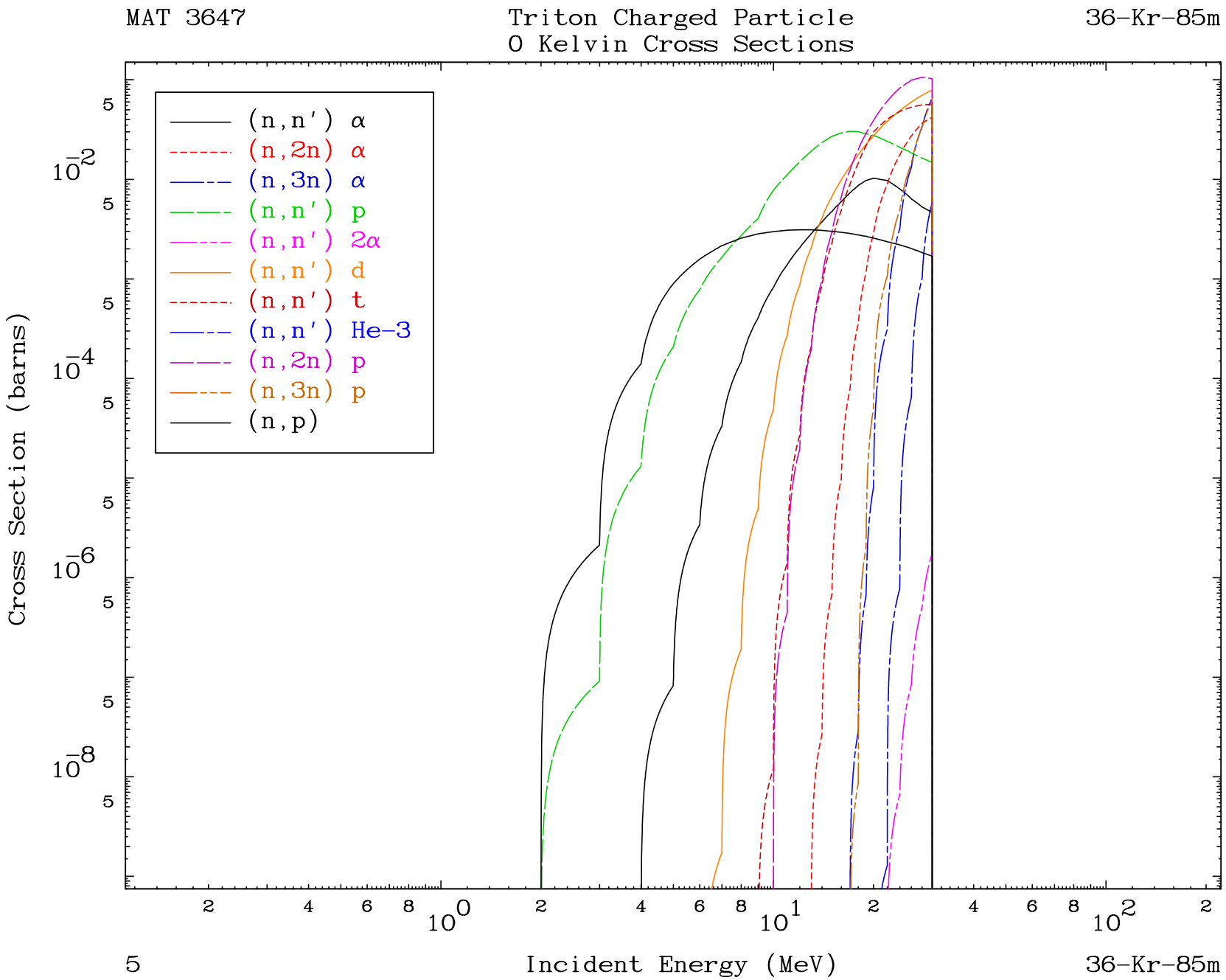
Press Mouse Button to Start

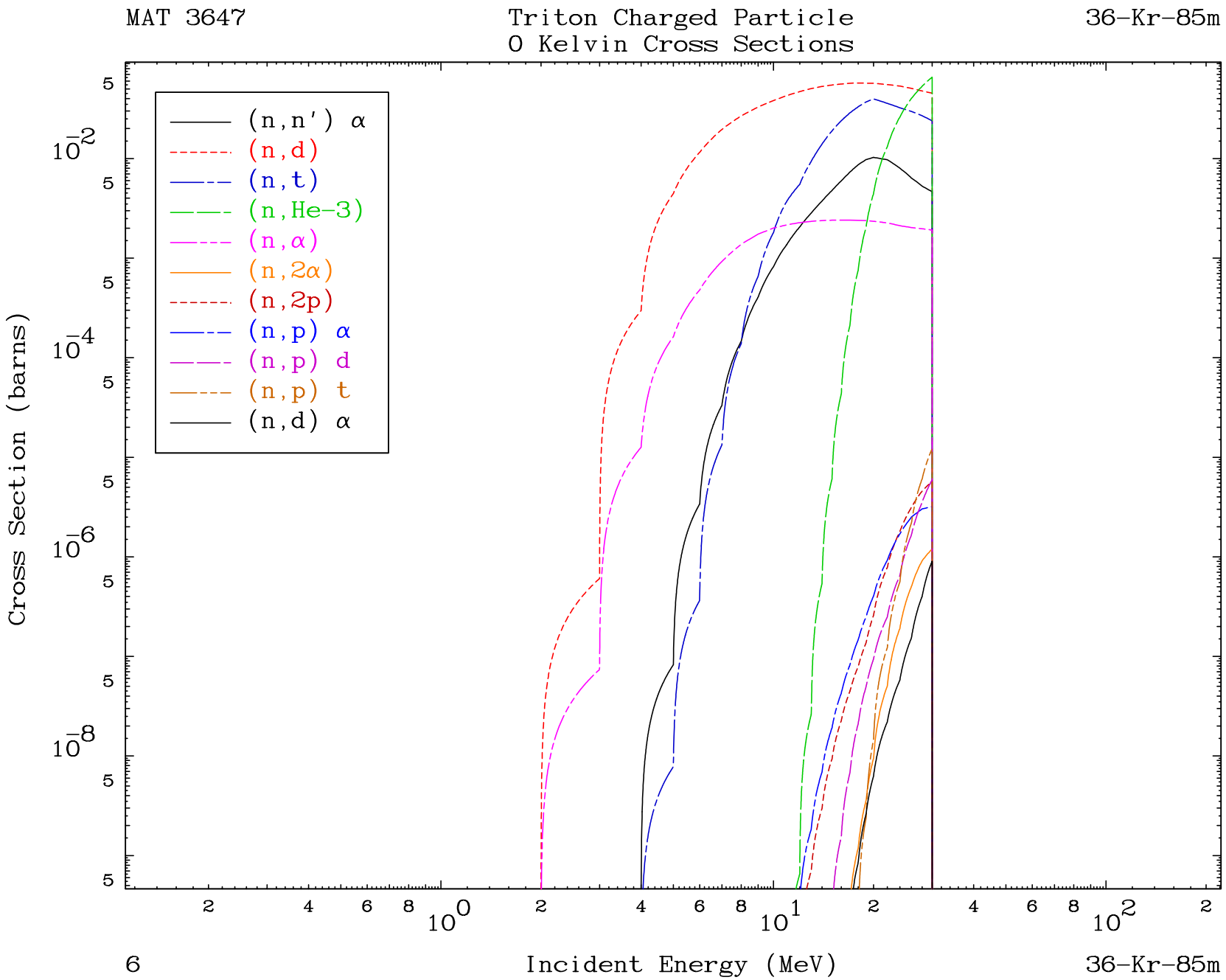

MAT 3647
Triton Major
36-Kr-85m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
36-Kr-85m

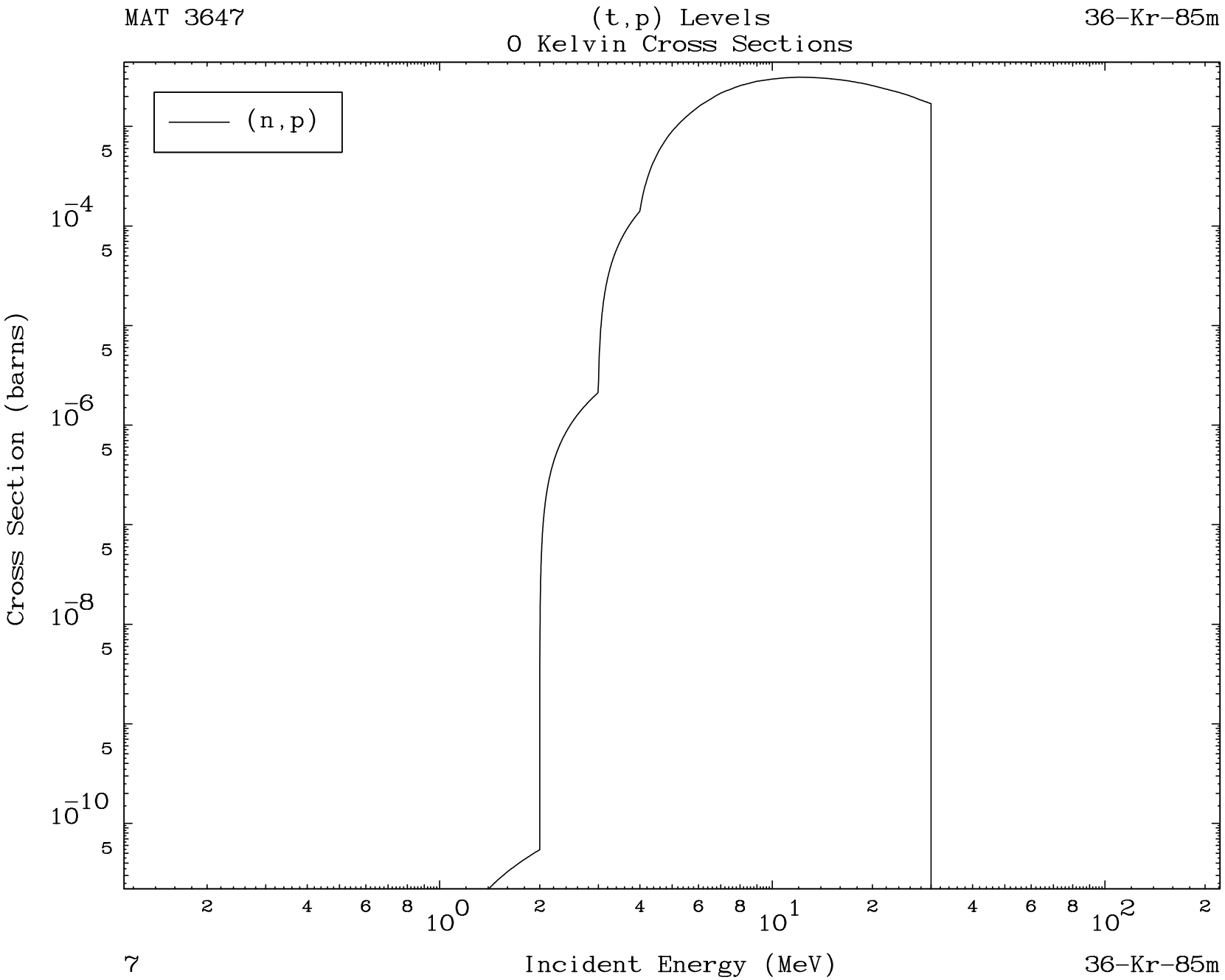

MAT 3647
Triton Neutron Absorption
0 Kelvin Cross Sections
36-Kr-85m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
36-Kr-85m
2

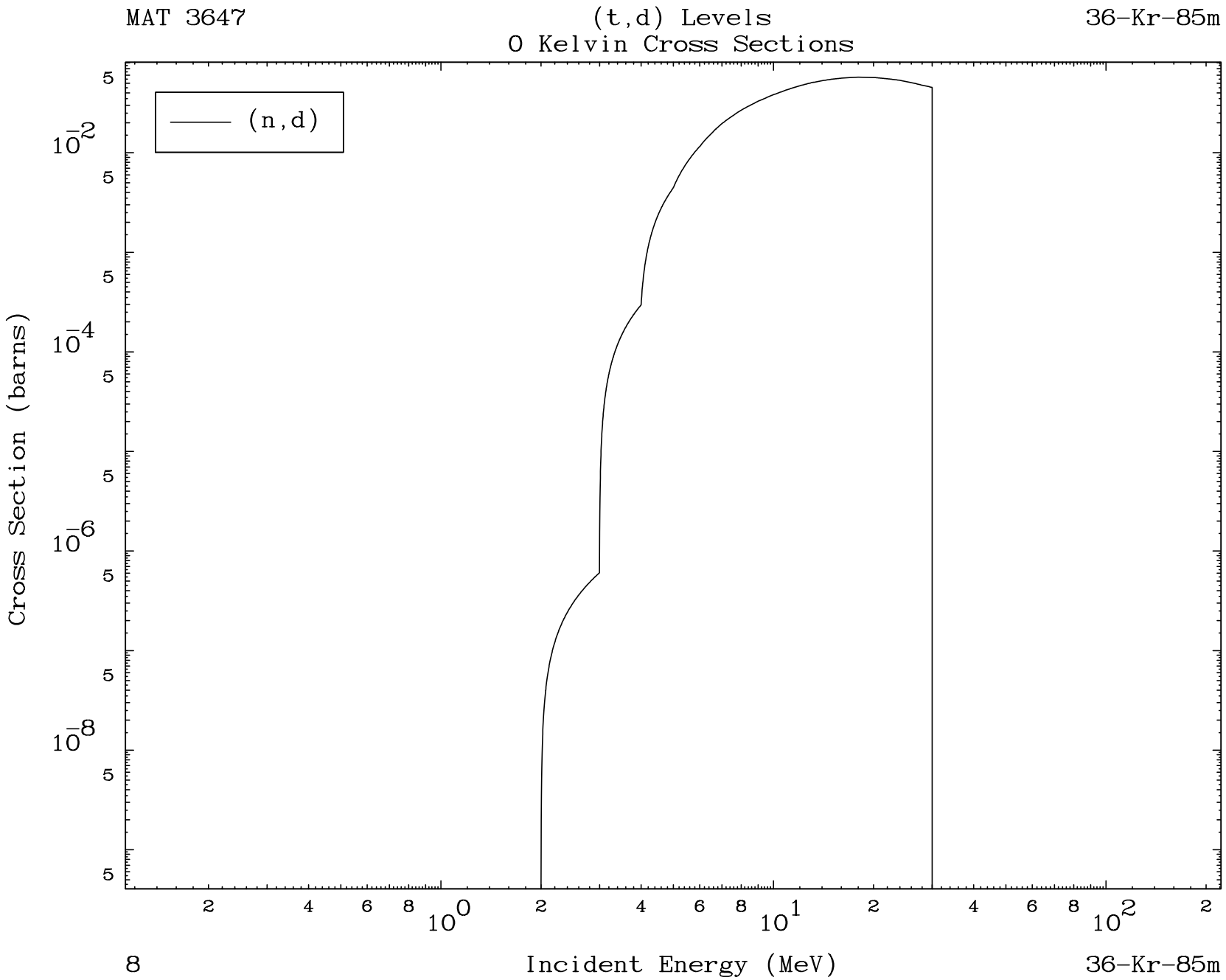

MAT 3647
Triton Neutron Absorption
0 Kelvin Cross Sections
36-Kr-85m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
36-Kr-85m

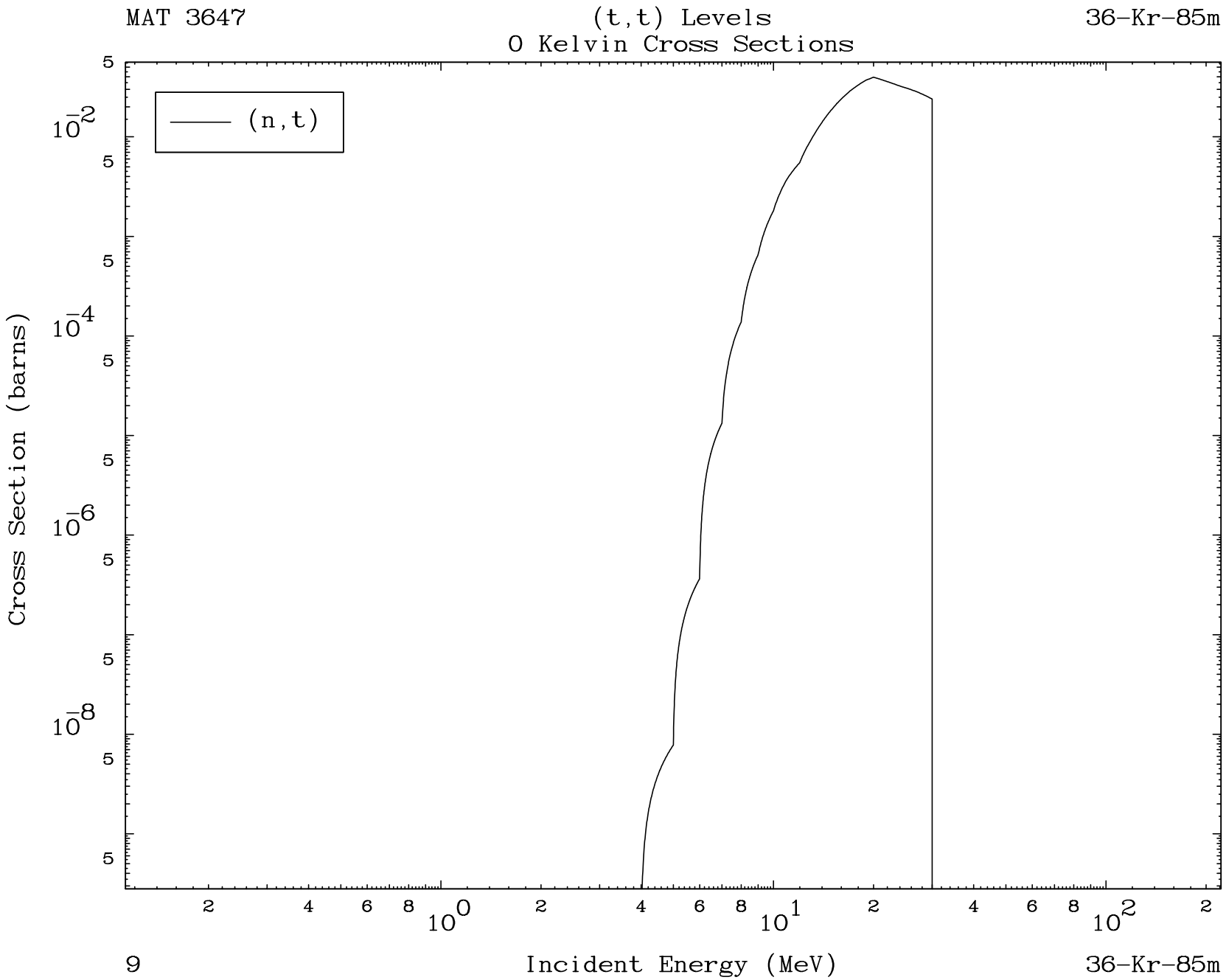

MAT 3647
Triton Neutron Absorption
0 Kelvin Cross Sections
36-Kr-85m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
36-Kr-85m

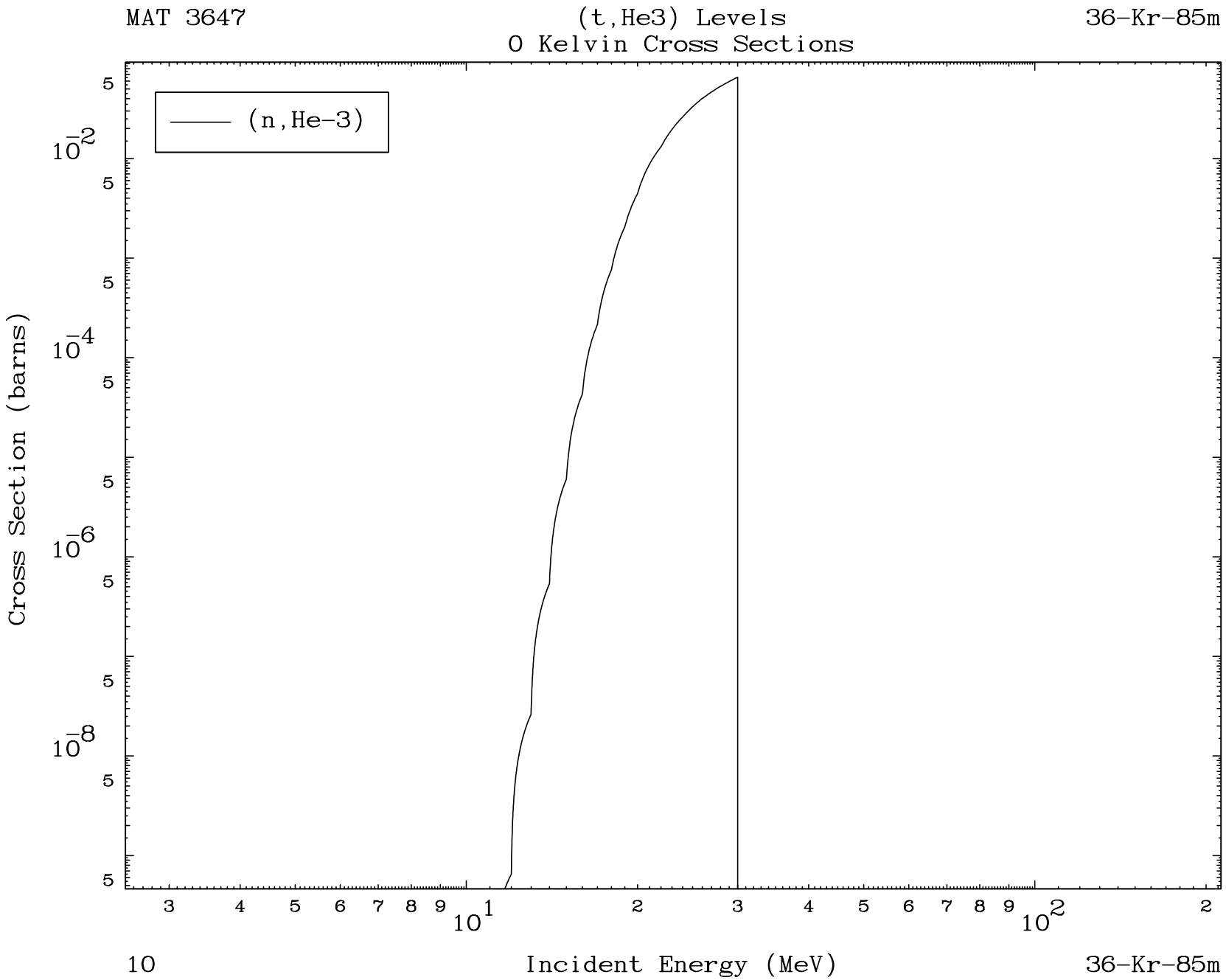

MAT 3647
Triton Charged Particle
0 Kelvin Cross Sections
36-Kr-85m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
36-Kr-85m

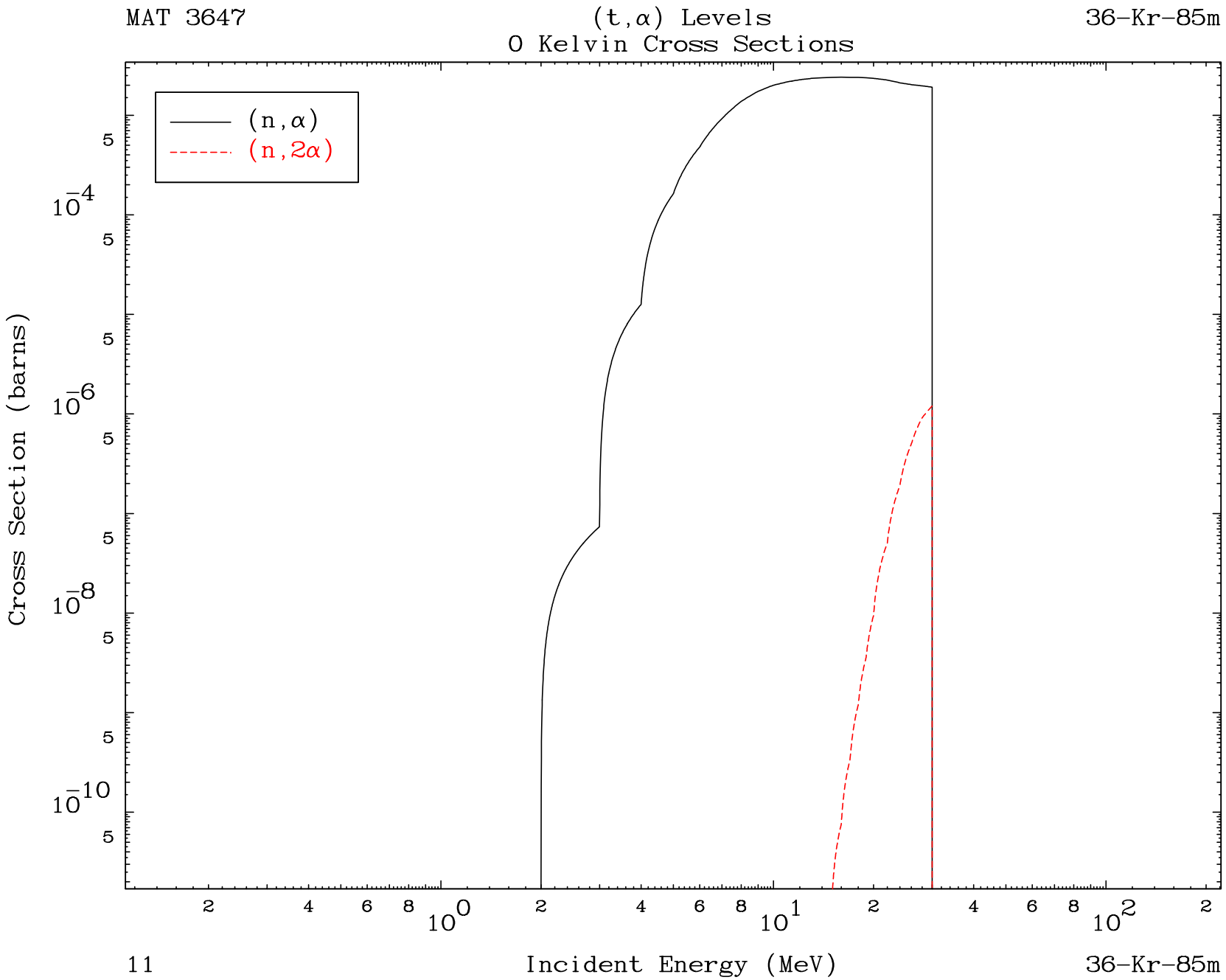

MAT 3647
Triton Charged Particle
0 Kelvin Cross Sections
36-Kr-85m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
36-Kr-85m

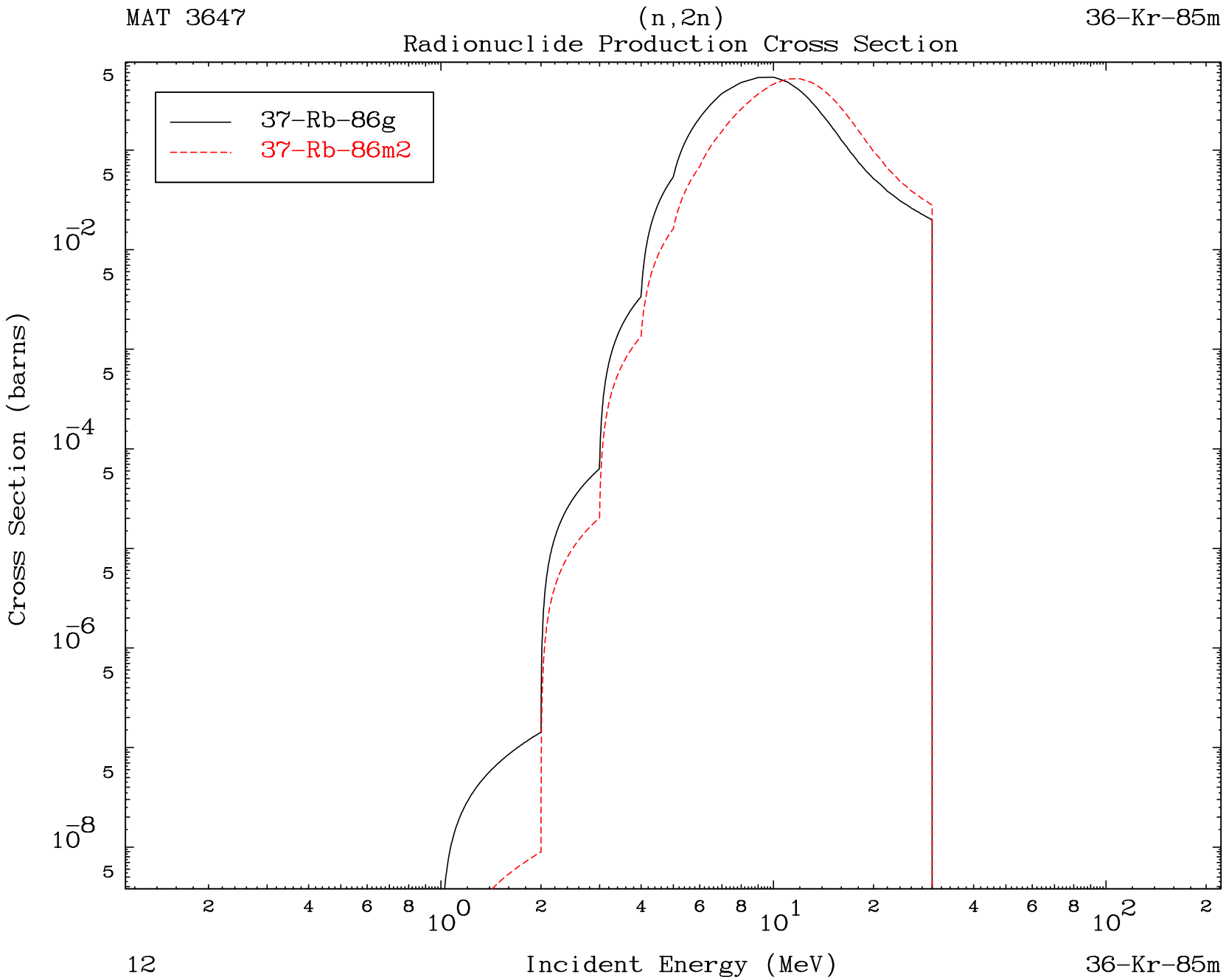

MAT 3647
(t,p) Levels
36-Kr-85m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
36-Kr-85m

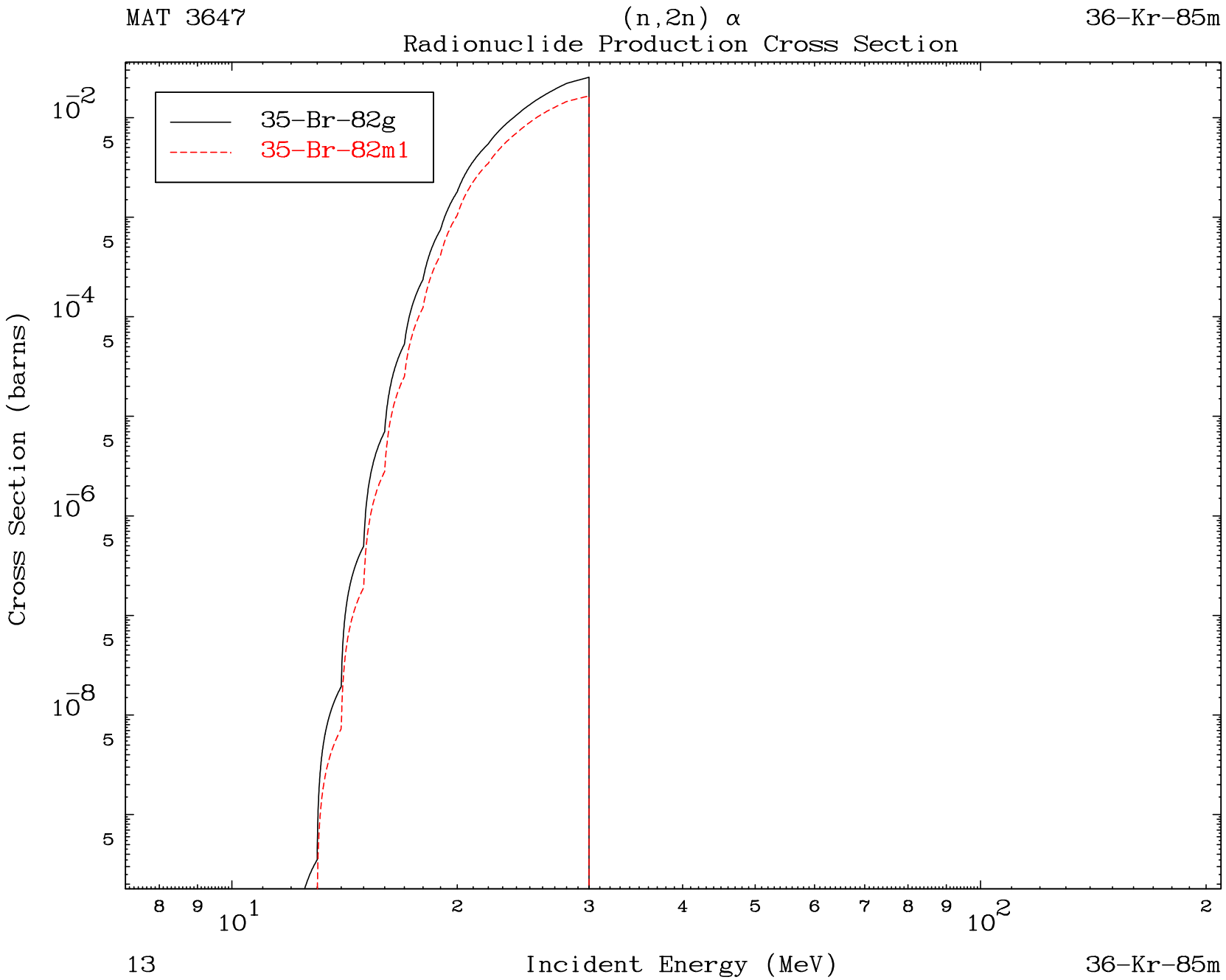

MAT 3647
(t,d) Levels
36-Kr-85m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
36-Kr-85m

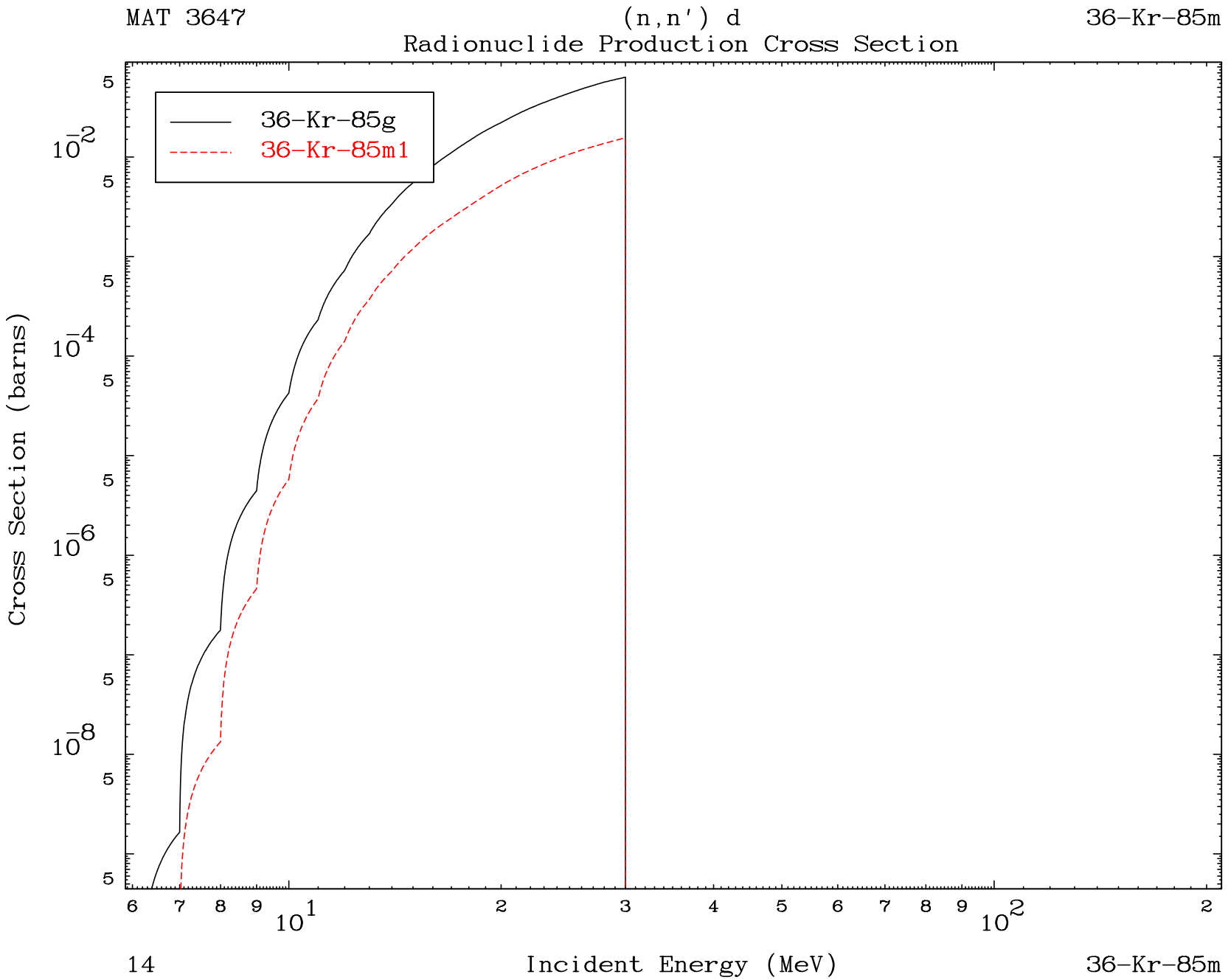

MAT 3647
(t,t) Levels
36-Kr-85m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
36-Kr-85m

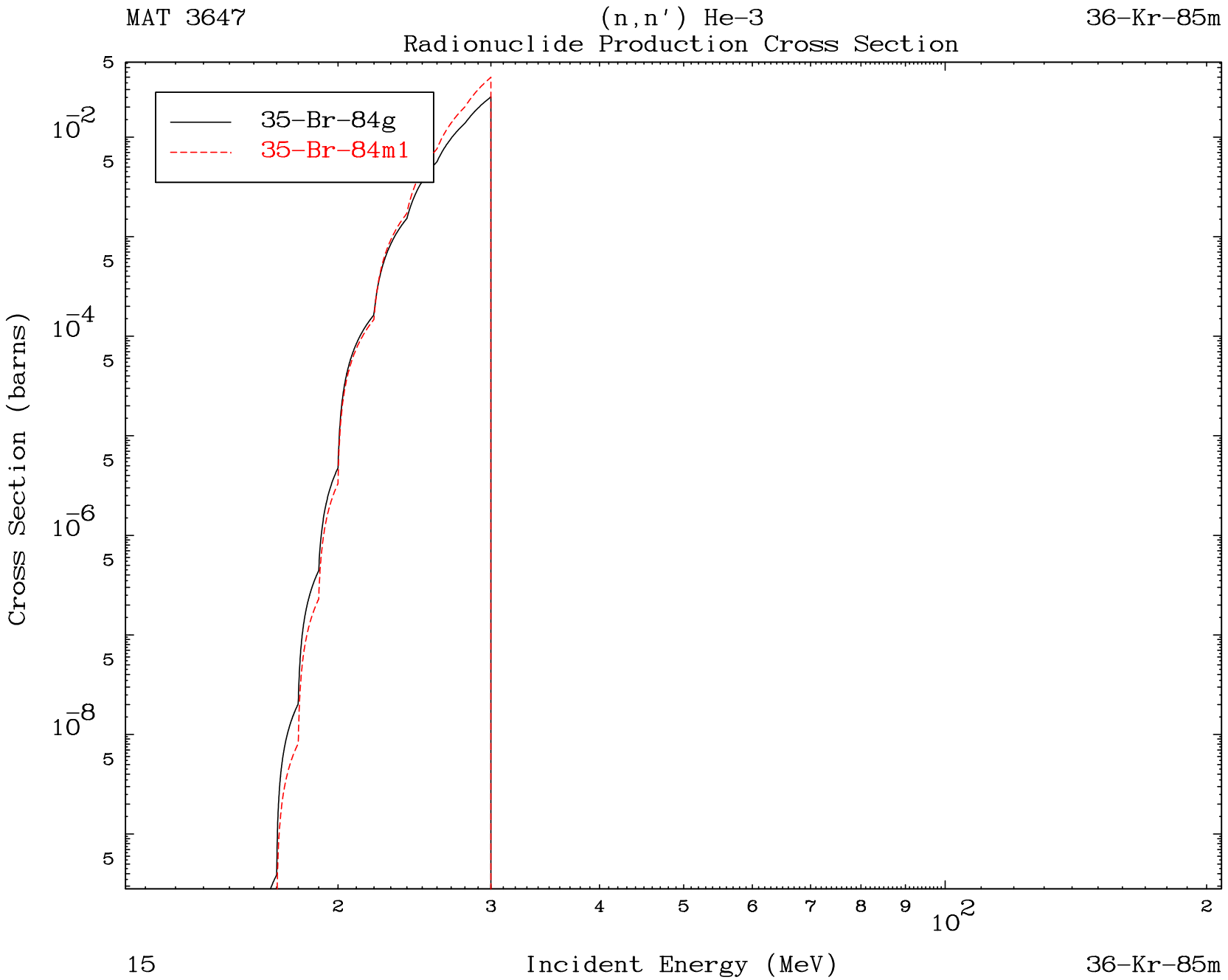

MAT 3647
(t,He3) Levels
36-Kr-85m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-85m

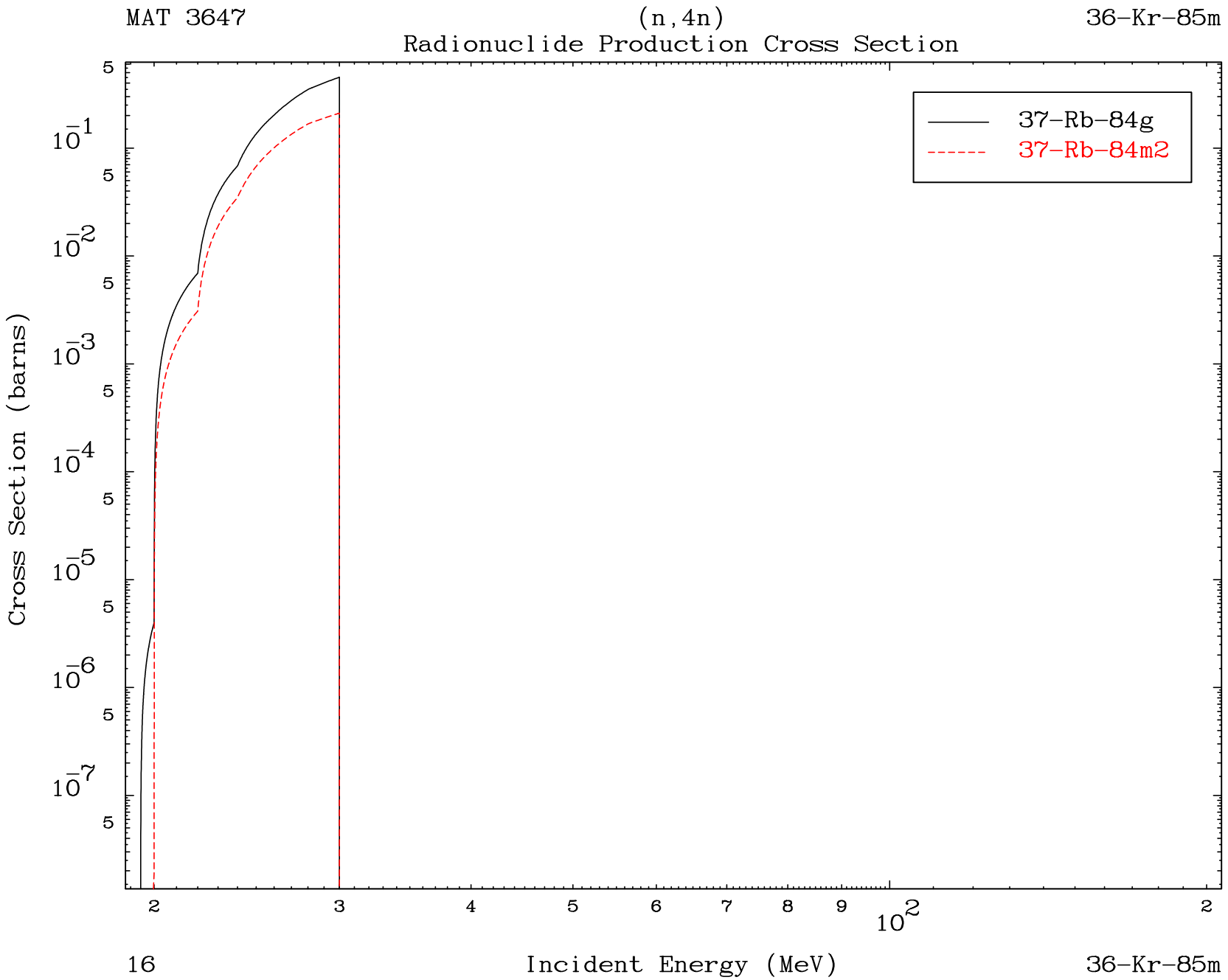

MAT 3647
(t,α) Levels
36-Kr-85m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
36-Kr-85m

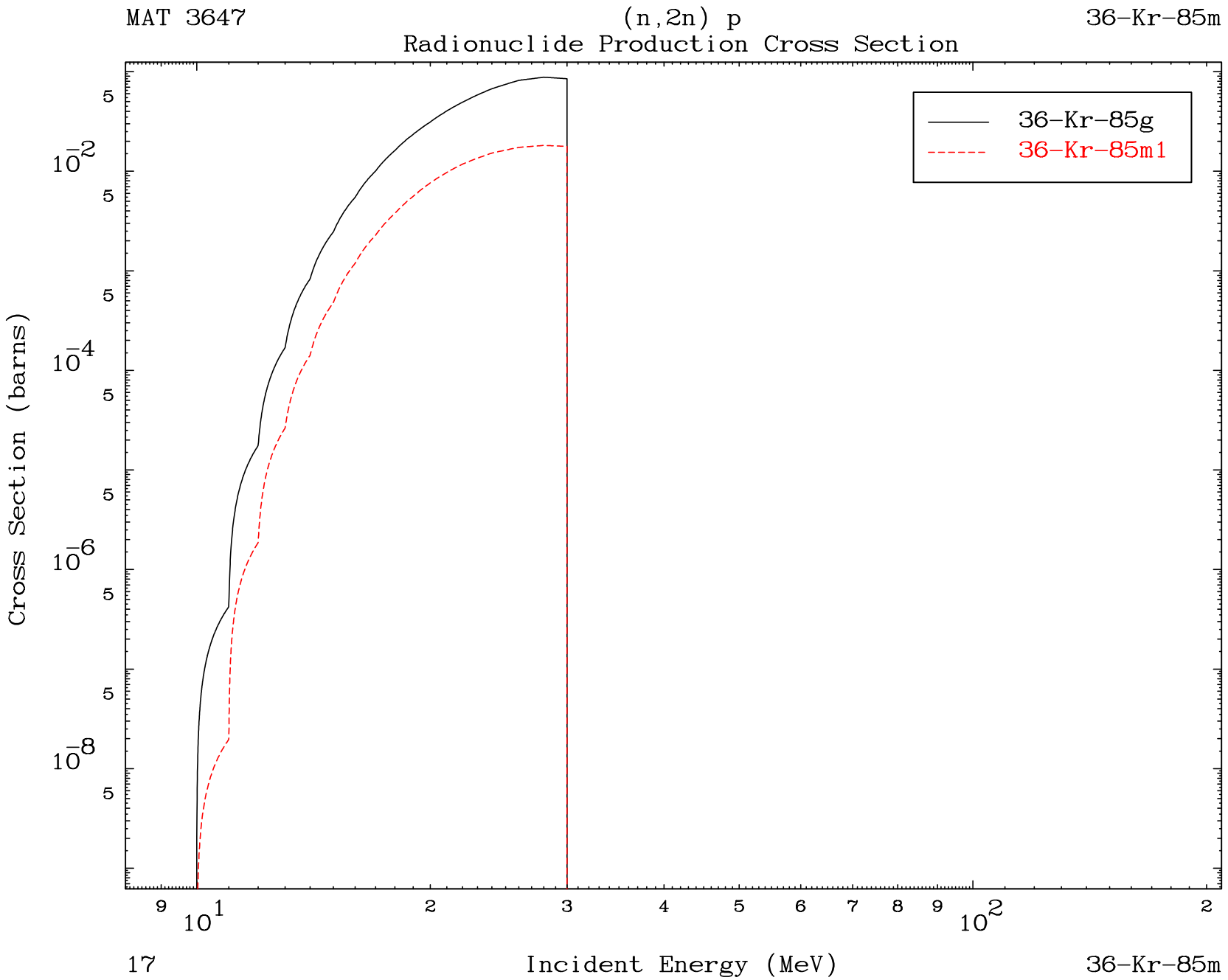

MAT 3647
(n,2n)
36-Kr-85m
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
12
36-Kr-85m

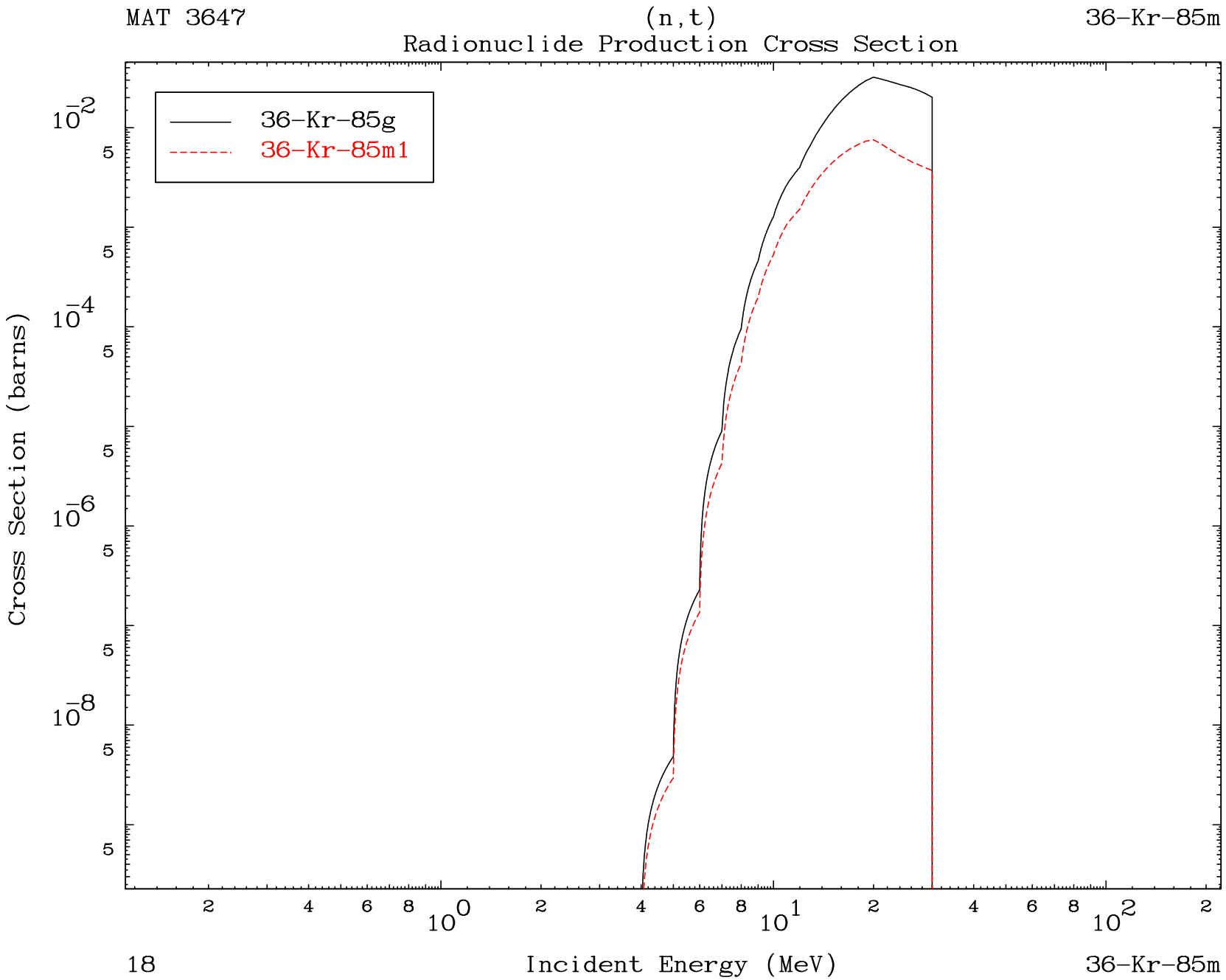

MAT 3647
(n,2n) α
36-Kr-85m
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
13
36-Kr-85m

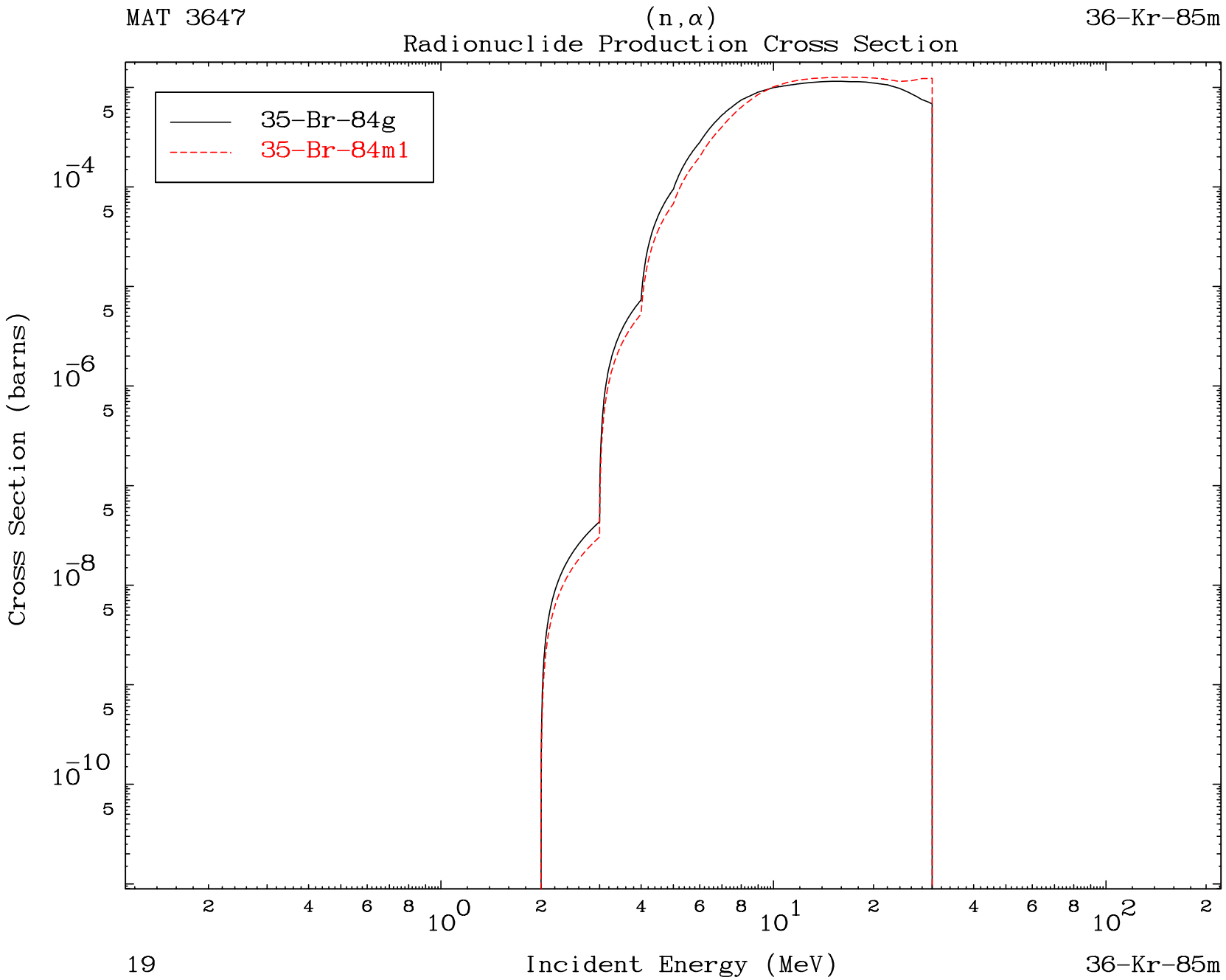

MAT 3647
(n,n') d
36-Kr-85m
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
14
36-Kr-85m

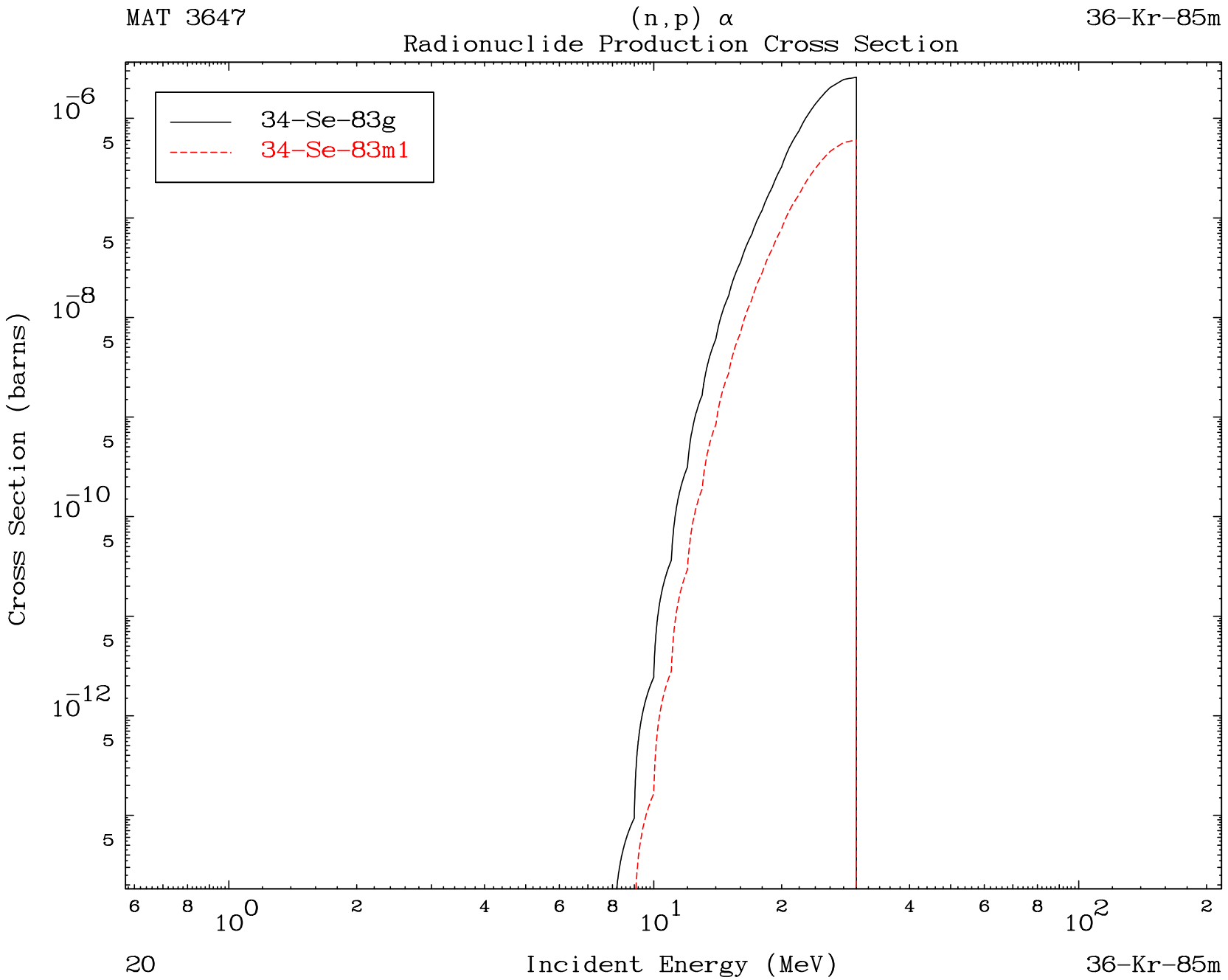

MAT 3647
(n,n') He-3
36-Kr-85m
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10+2
2
Incident Energy (MeV)
15
36-Kr-85m

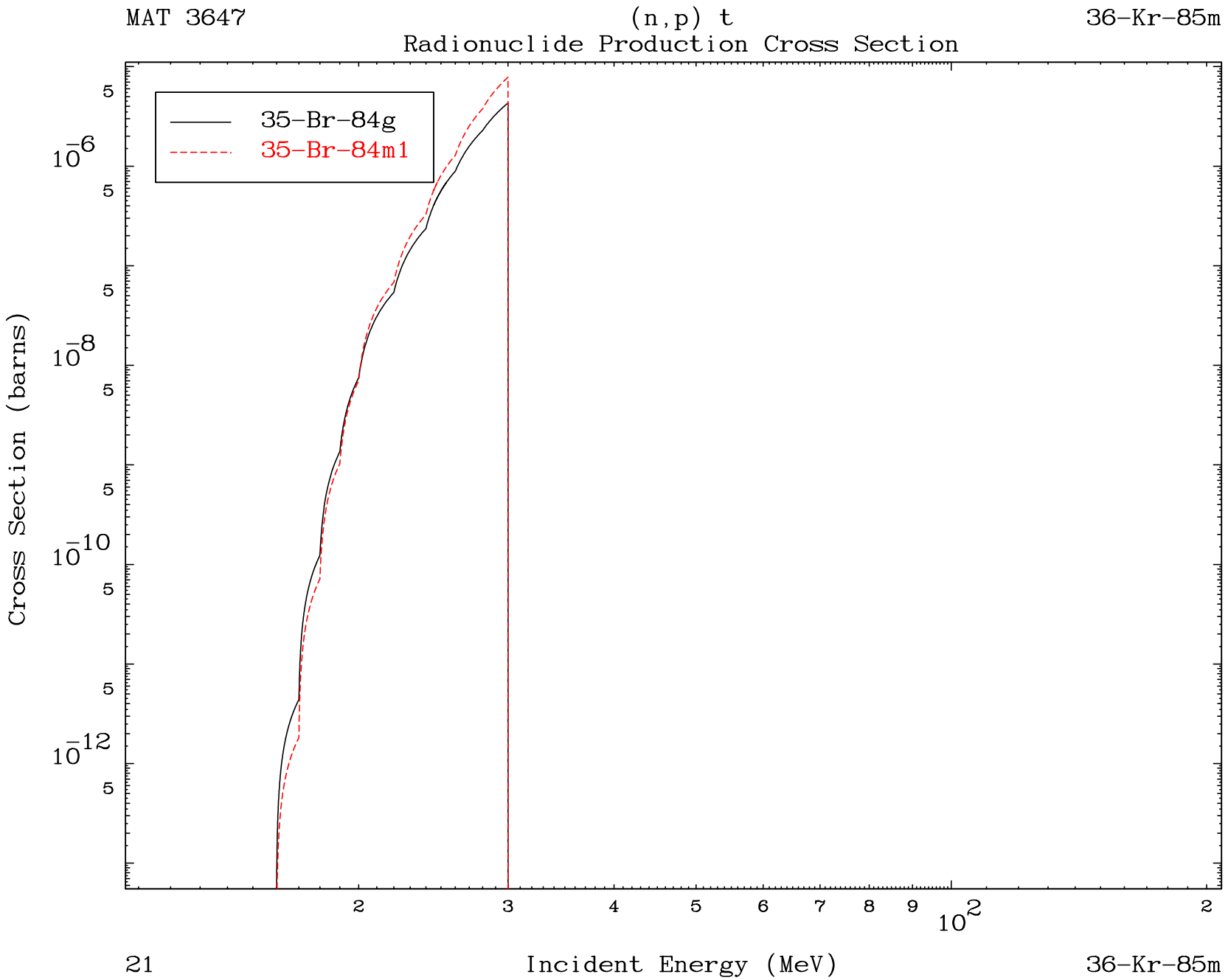

MAT 3647
(n,4n)
36-Kr-85m
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
16
36-Kr-85m


MAT 3647
(n,2n) p
36-Kr-85m
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
17
36-Kr-85m


MAT 3647
(n,t)
36-Kr-85m
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
18
36-Kr-85m


MAT 3647
(n,α)
36-Kr-85m
Radionuclide Production Cross Section
35-Br-84g
35-Br-84m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
19
36-Kr-85m


MAT 3647
(n,p) α
36-Kr-85m
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
Incident Energy (MeV)
20
36-Kr-85m


MAT 3647
(n,p) t
36-Kr-85m
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
21
Incident Energy (MeV)
36-Kr-85m