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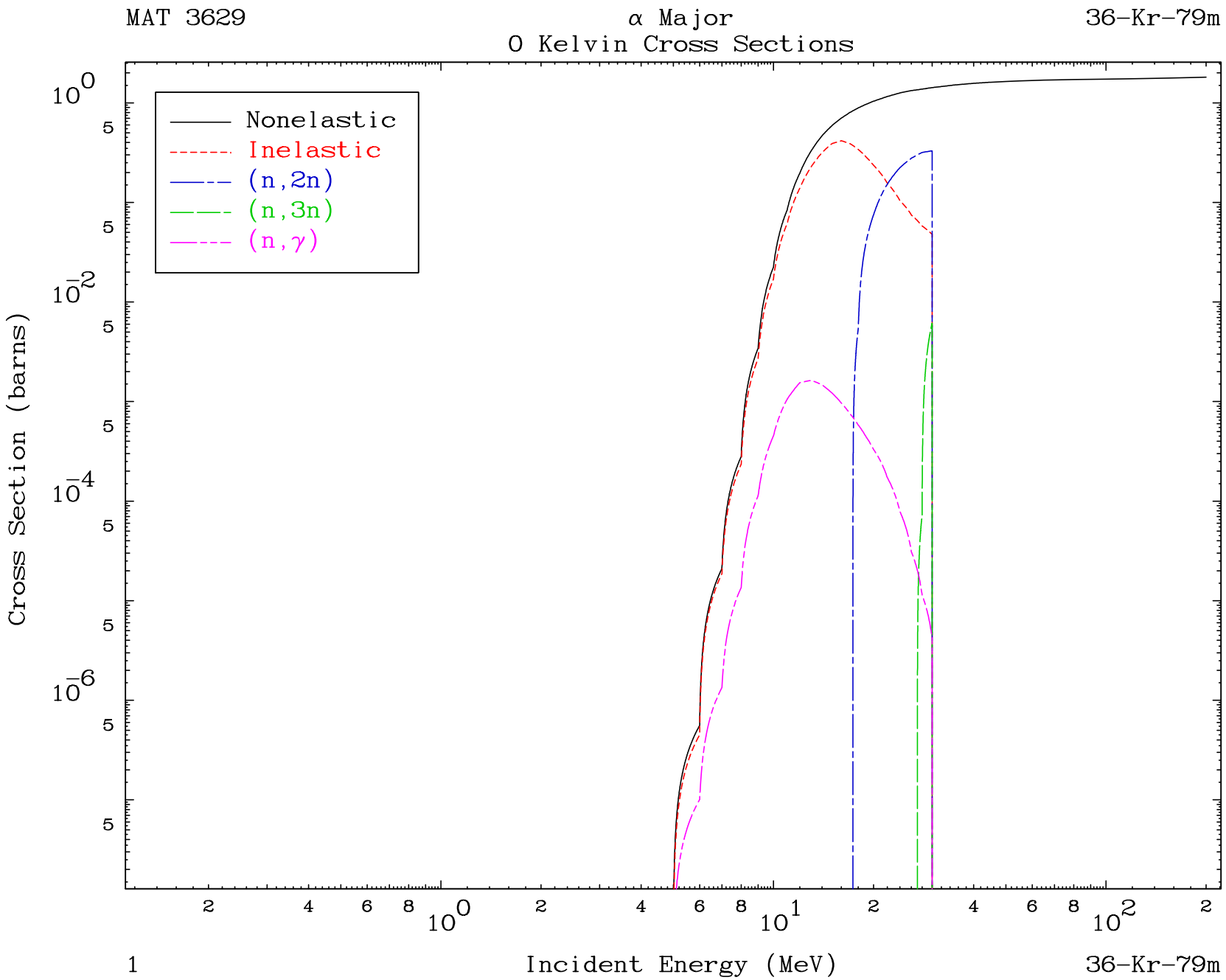
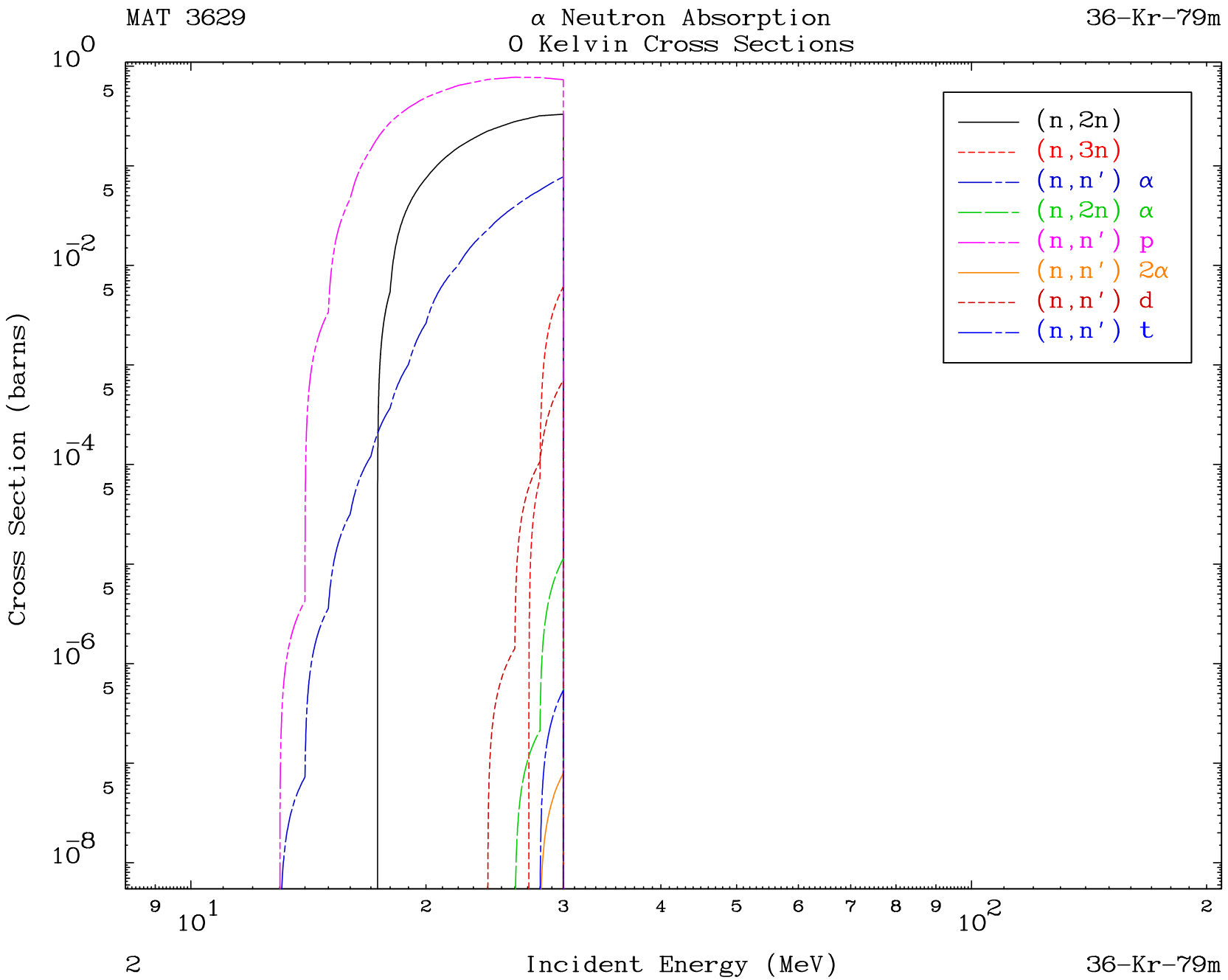
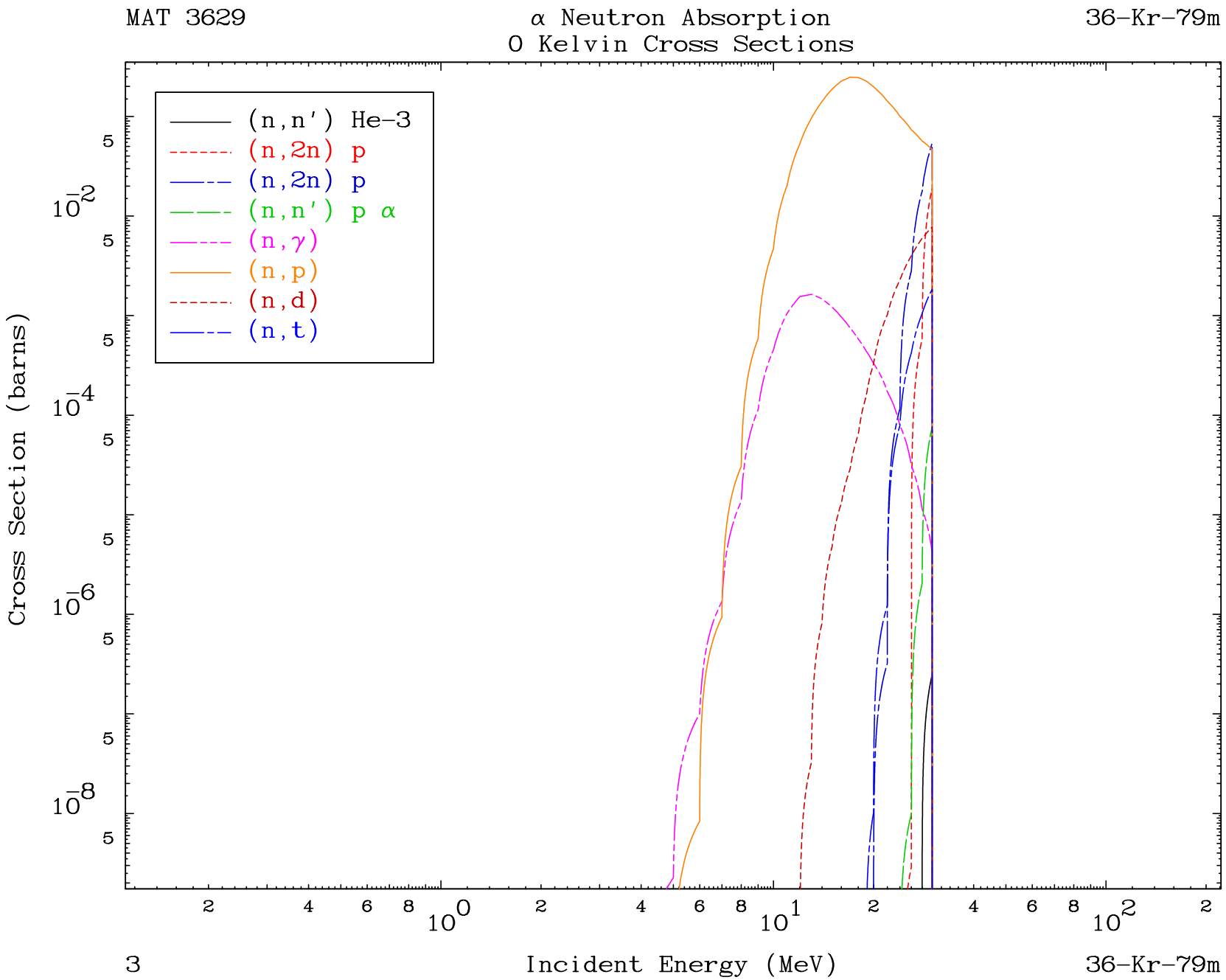
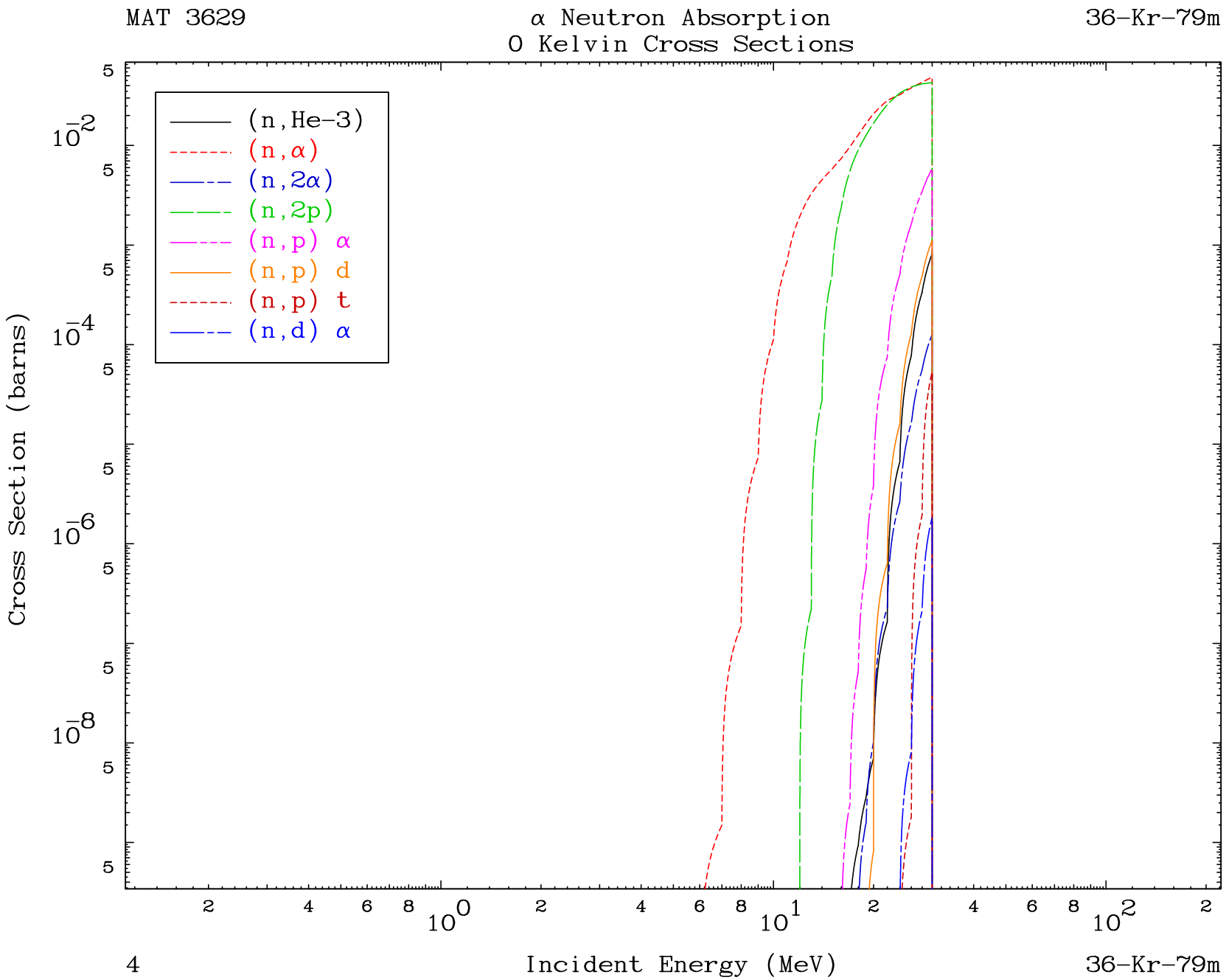
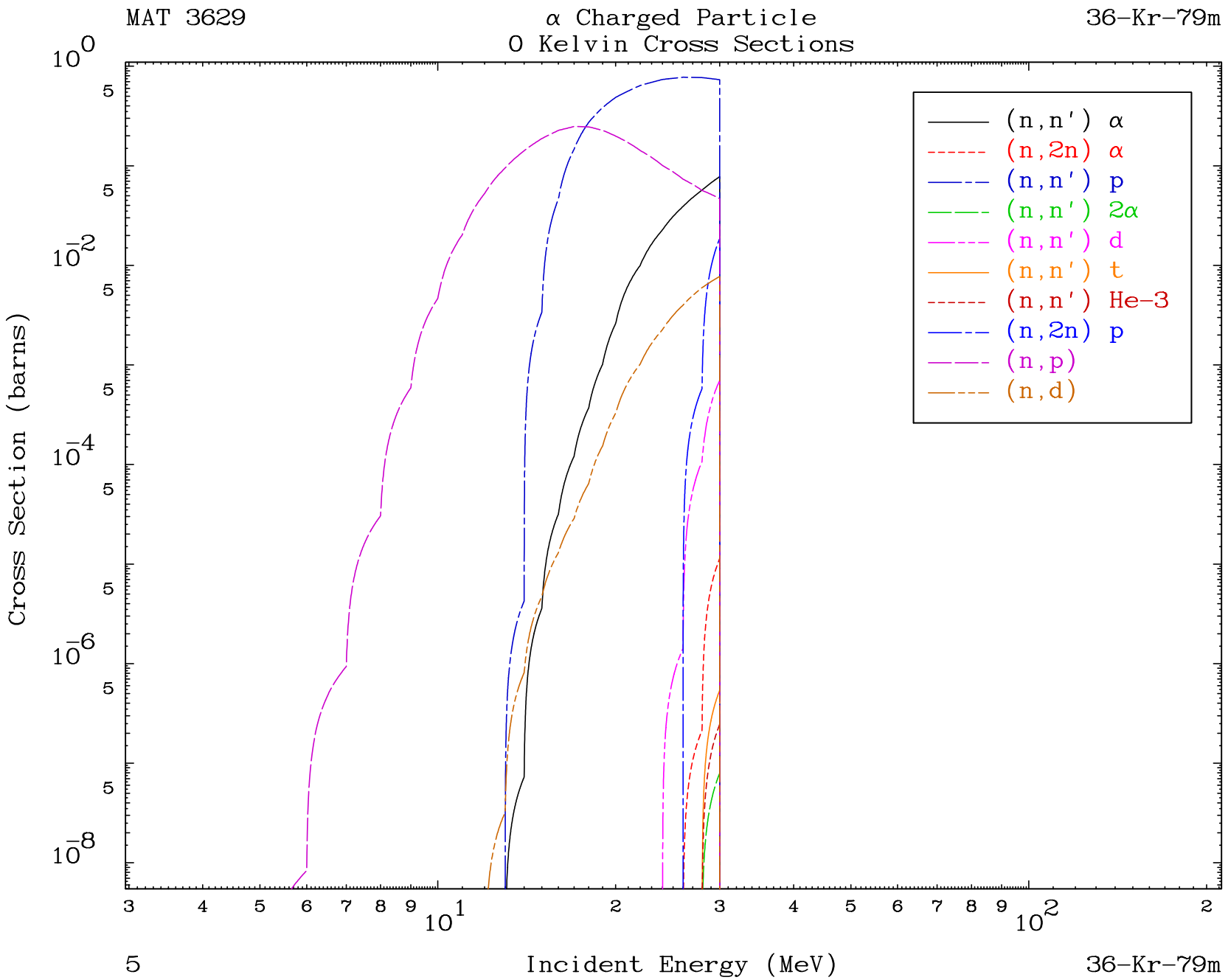
Press Mouse Button to Start

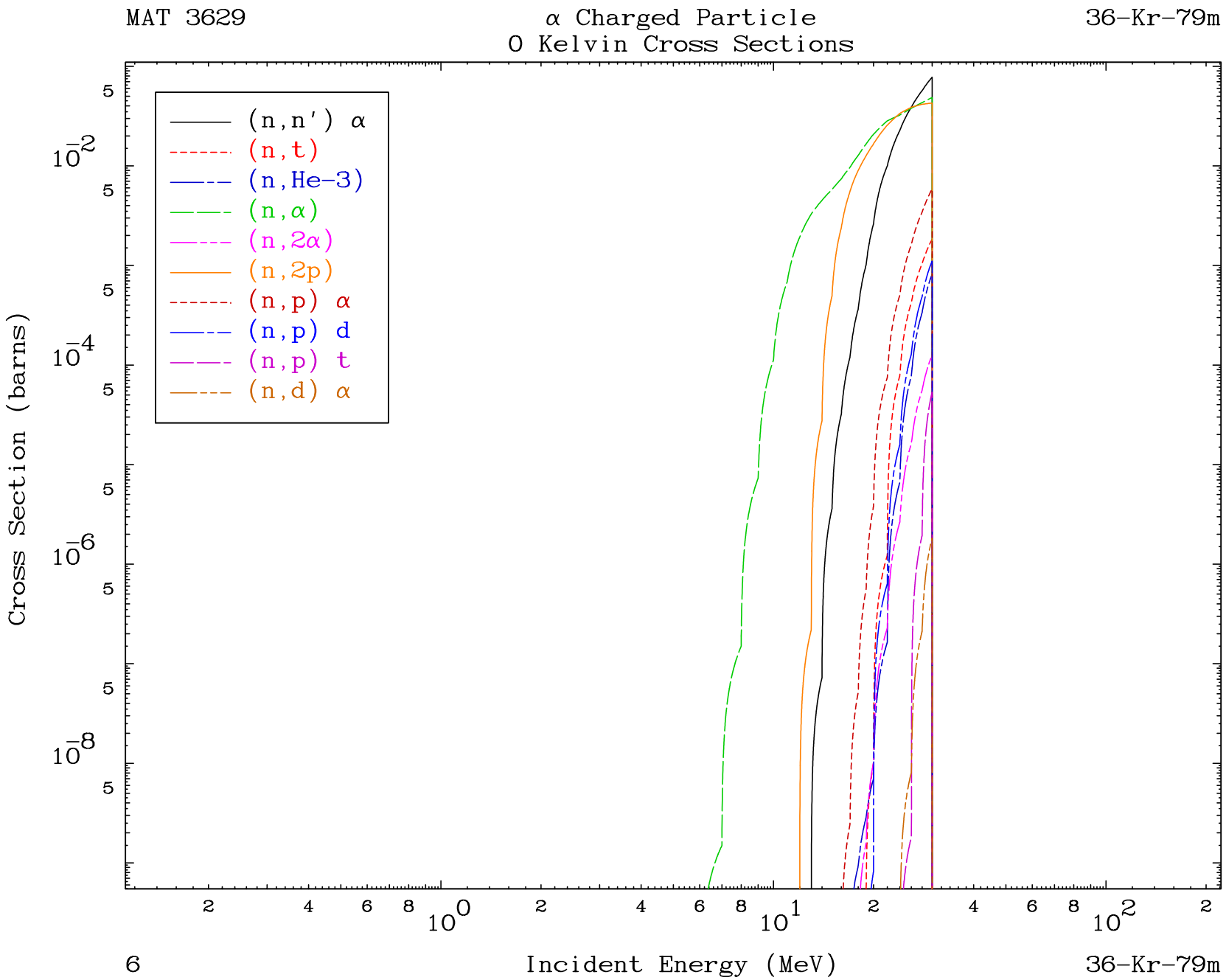

MAT 3629
α Major
36-Kr-79m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-79m
1

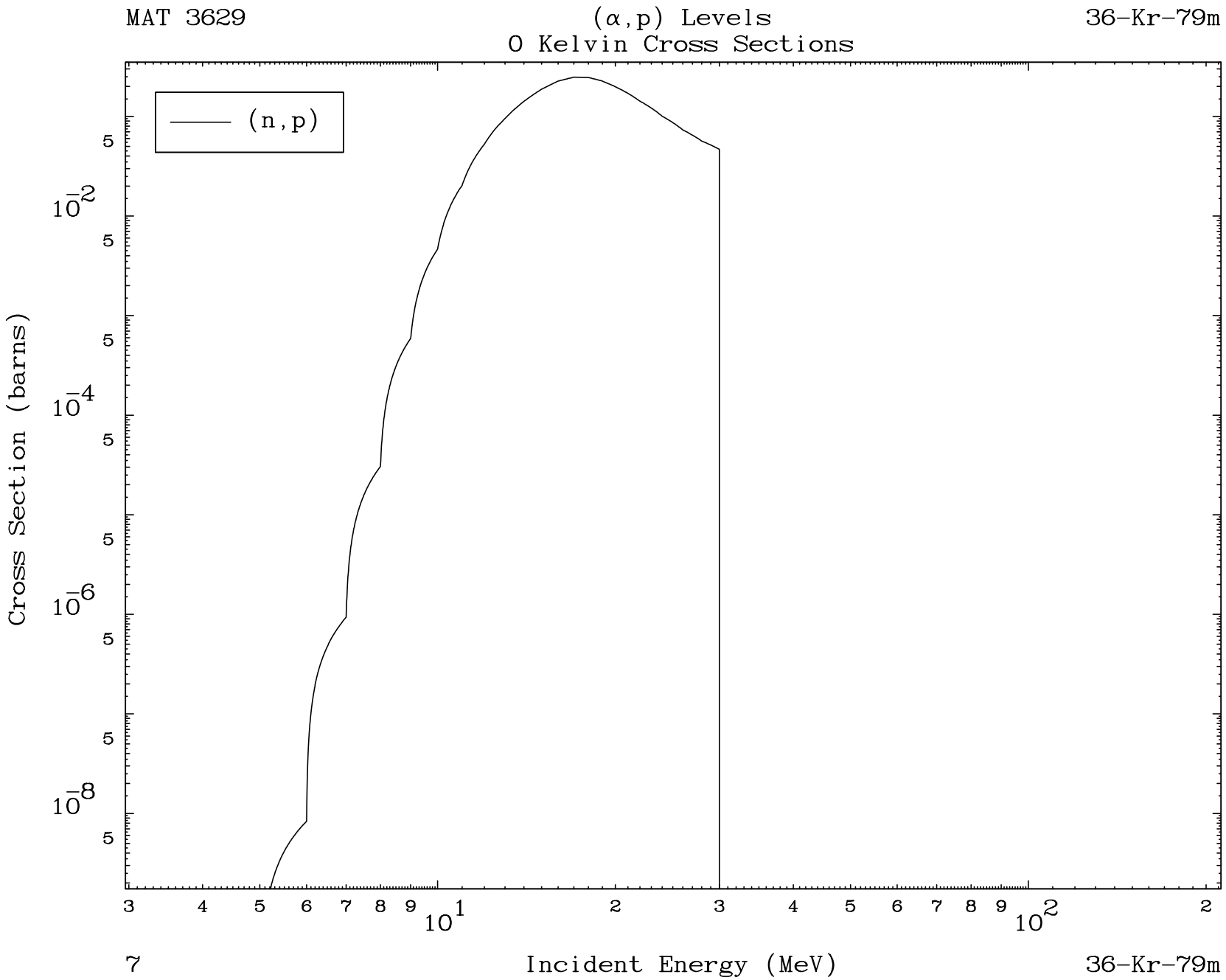

MAT 3629
α Neutron Absorption
0 Kelvin Cross Sections
36-Kr-79m
Cross Section (barns)
Incident Energy (MeV)
36-Kr-79m
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t

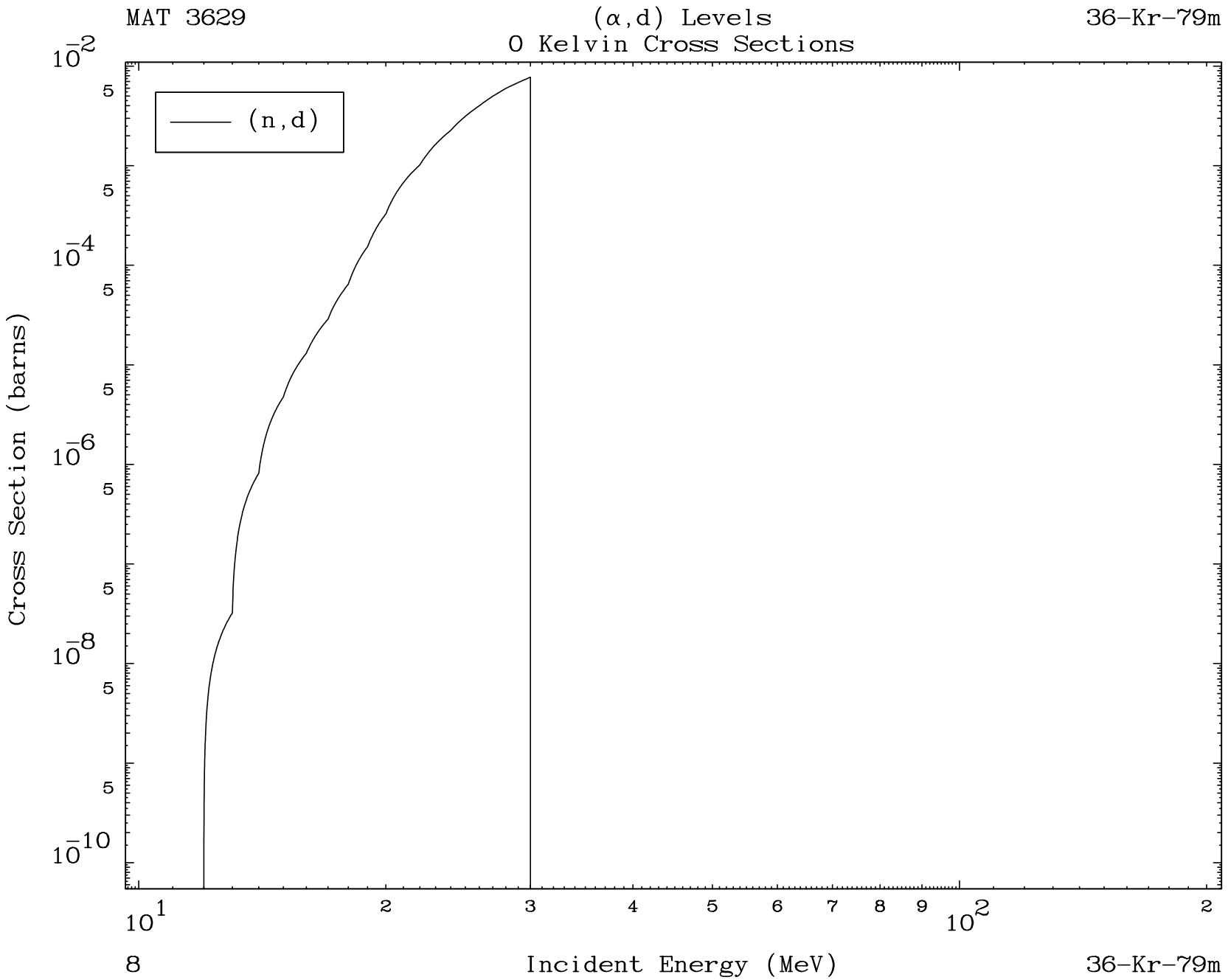

MAT 3629
α Neutron Absorption
0 Kelvin Cross Sections
36-Kr-79m
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
36-Kr-79m

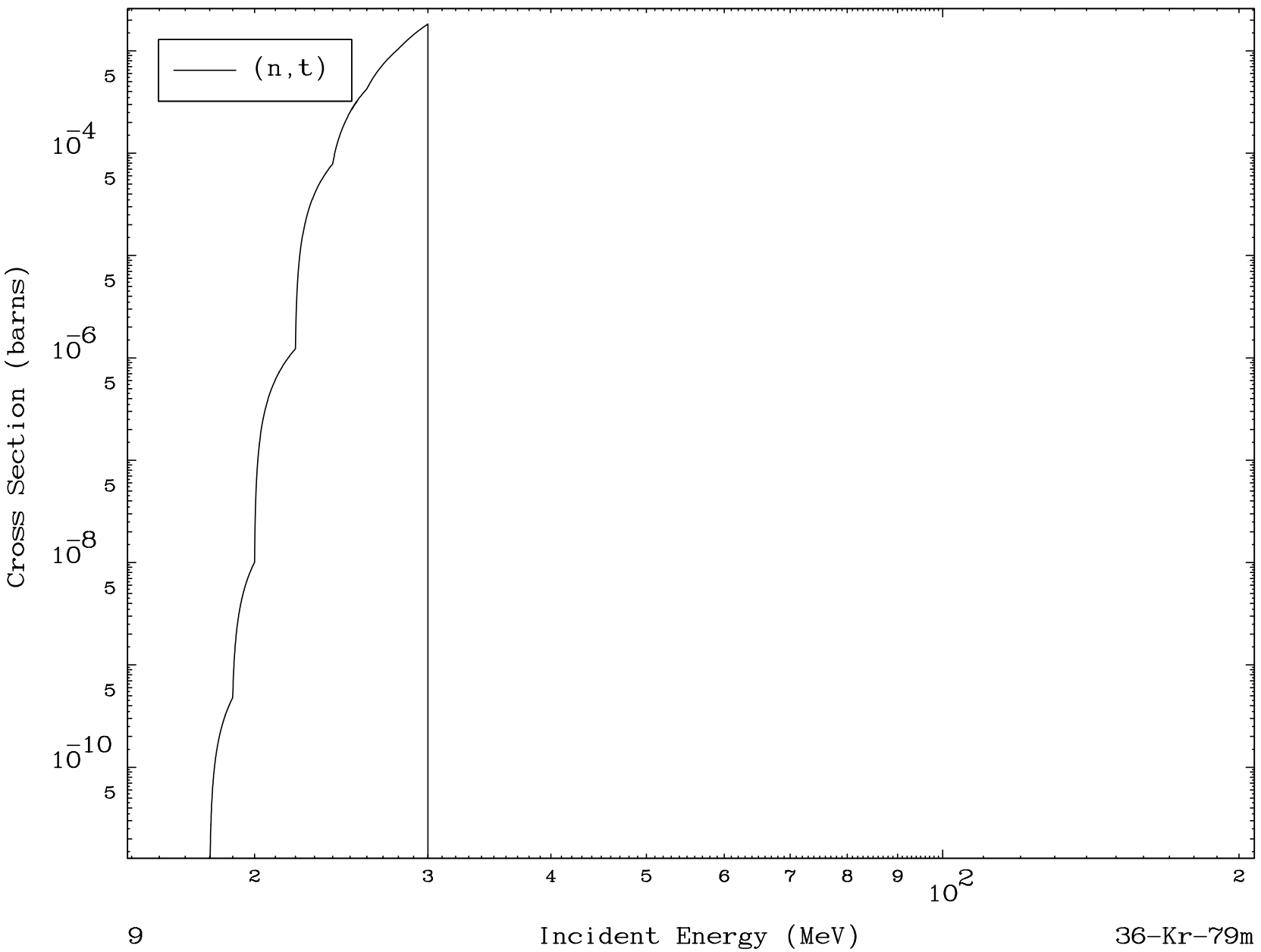

MAT 3629
α Neutron Absorption
0 Kelvin Cross Sections
36-Kr-79m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
36-Kr-79m

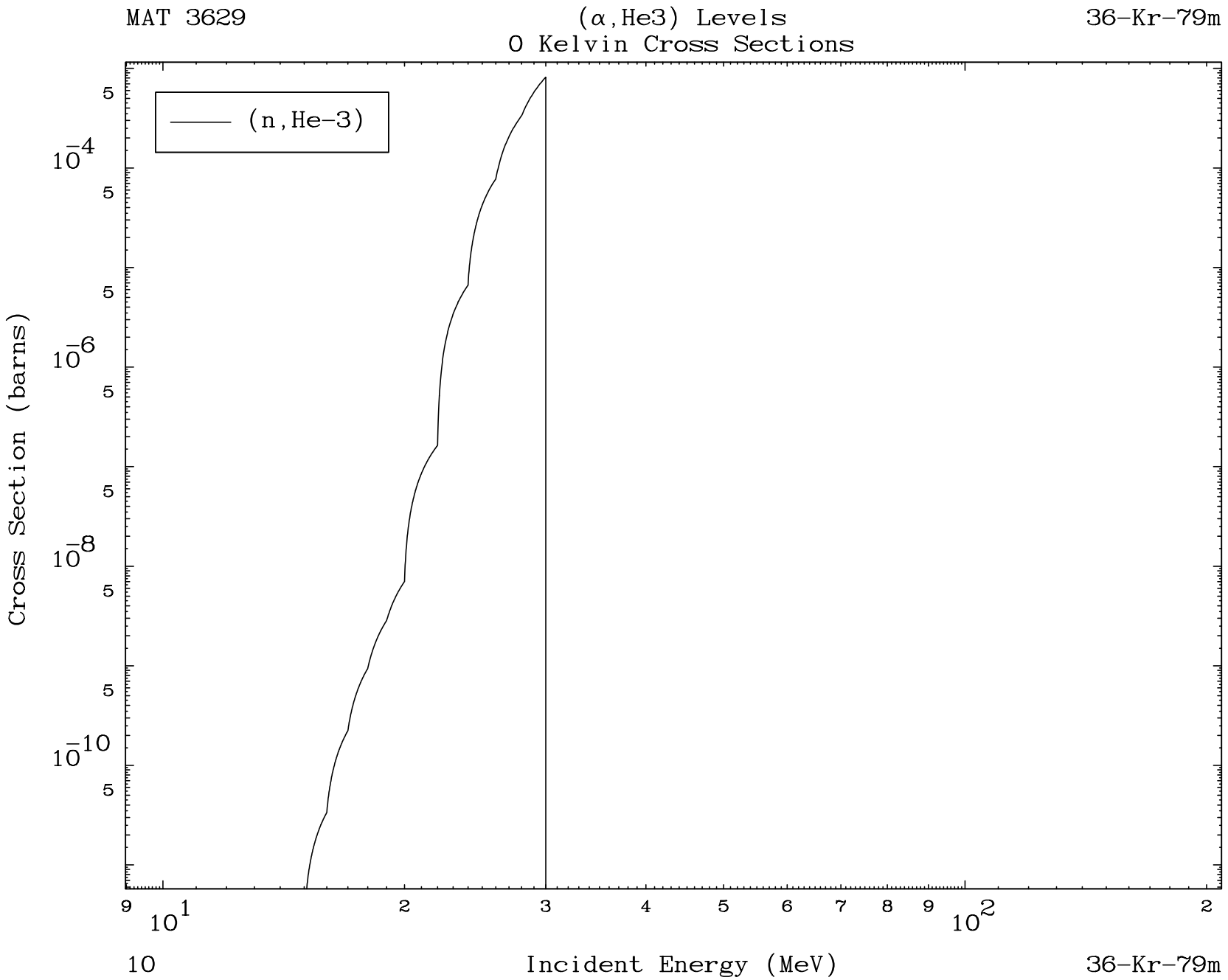

MAT 3629
α Charged Particle
0 Kelvin Cross Sections
36-Kr-79m
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)

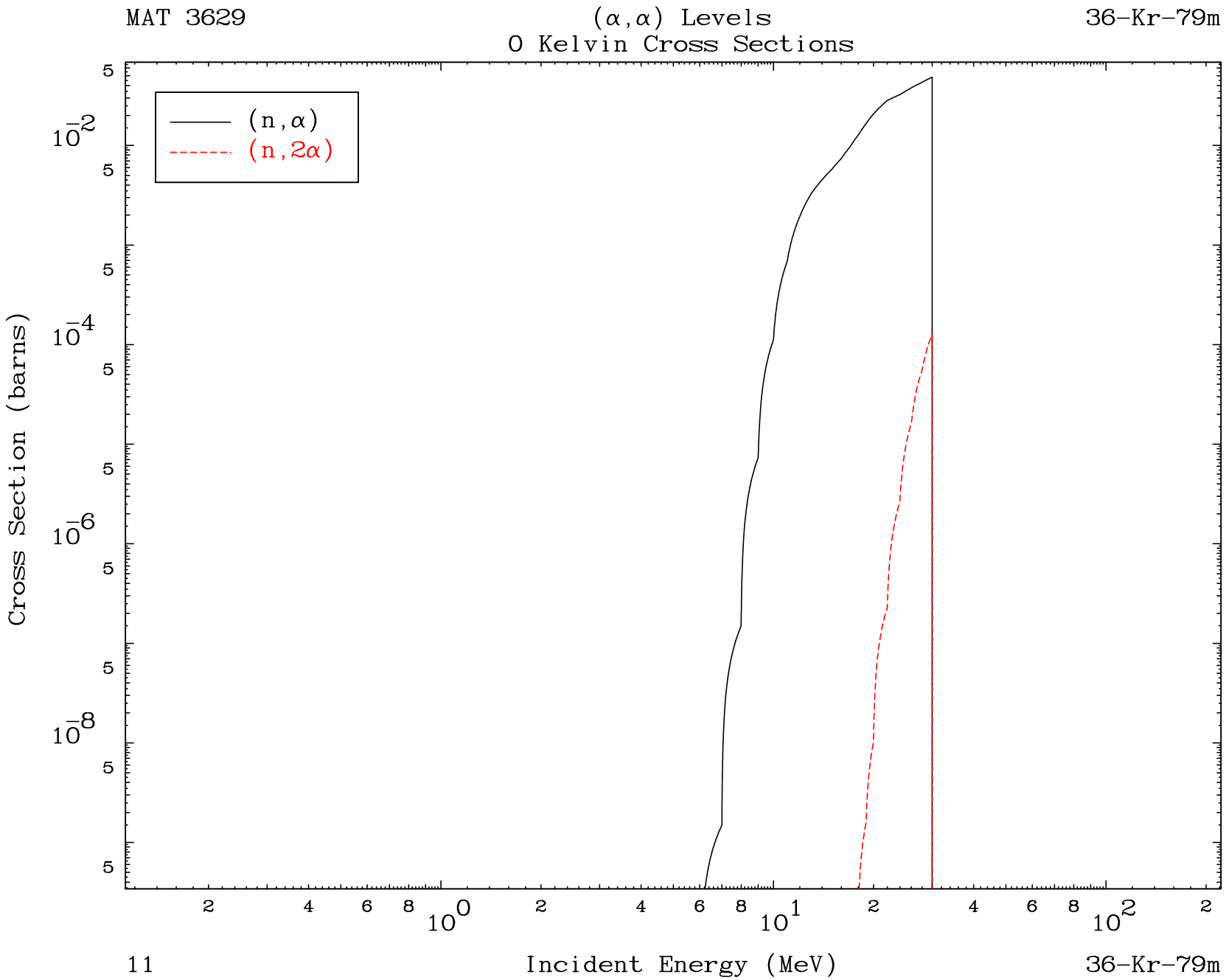

MAT 3629
α Charged Particle
0 Kelvin Cross Sections
36-Kr-79m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
36-Kr-79m

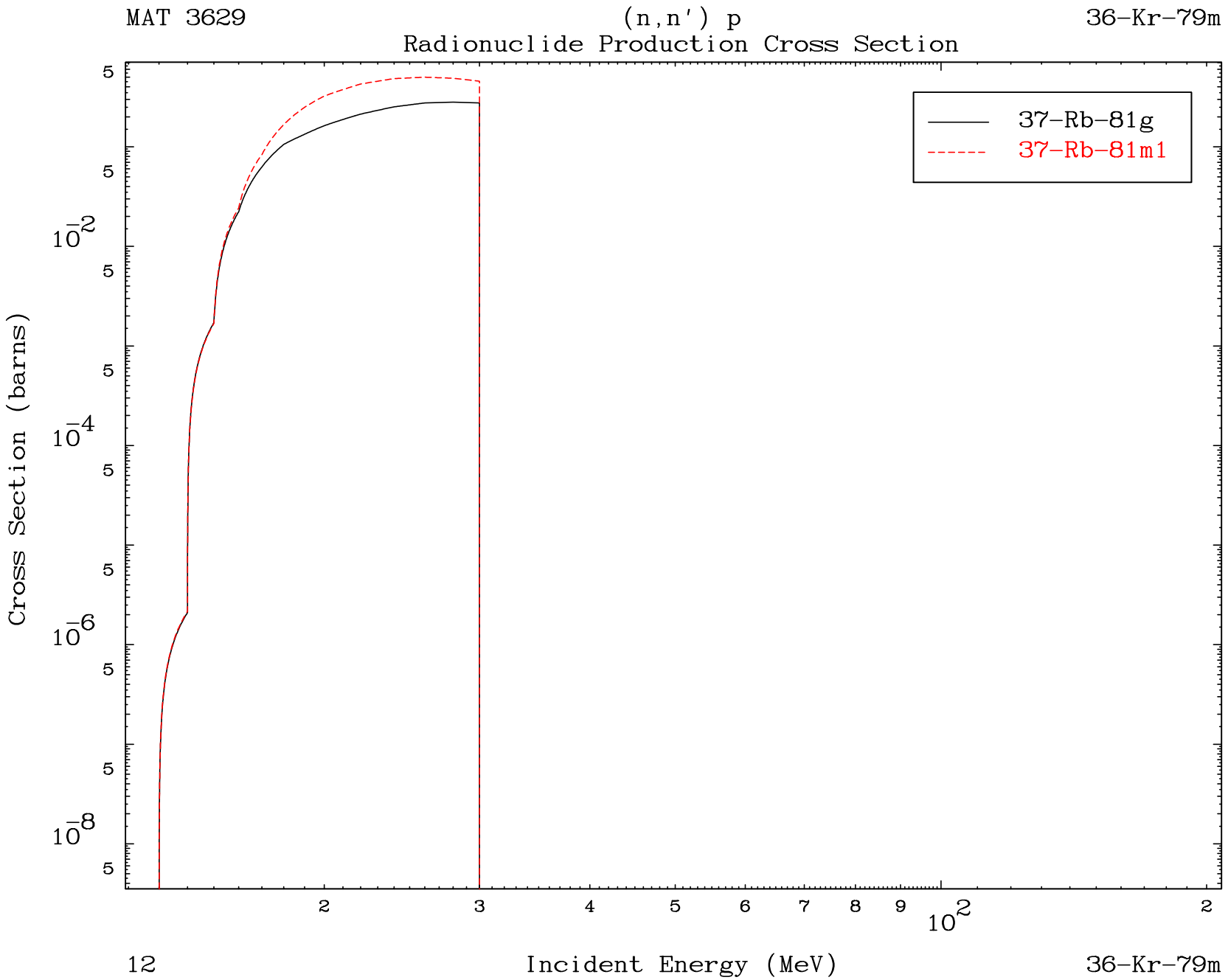

MAT 3629
(α,p) Levels
36-Kr-79m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
36-Kr-79m

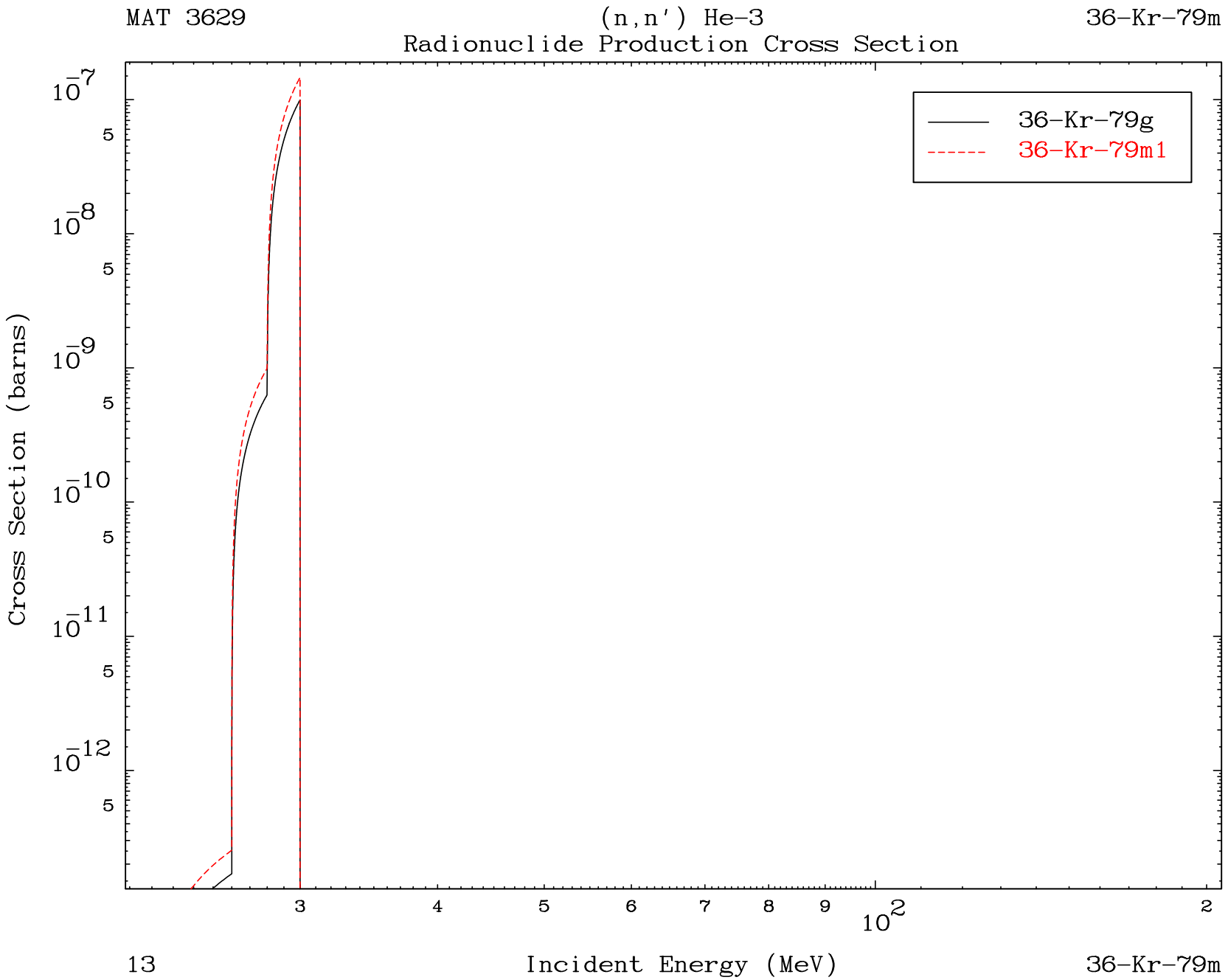

MAT 3629
(α,d) Levels
36-Kr-79m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-79m
8

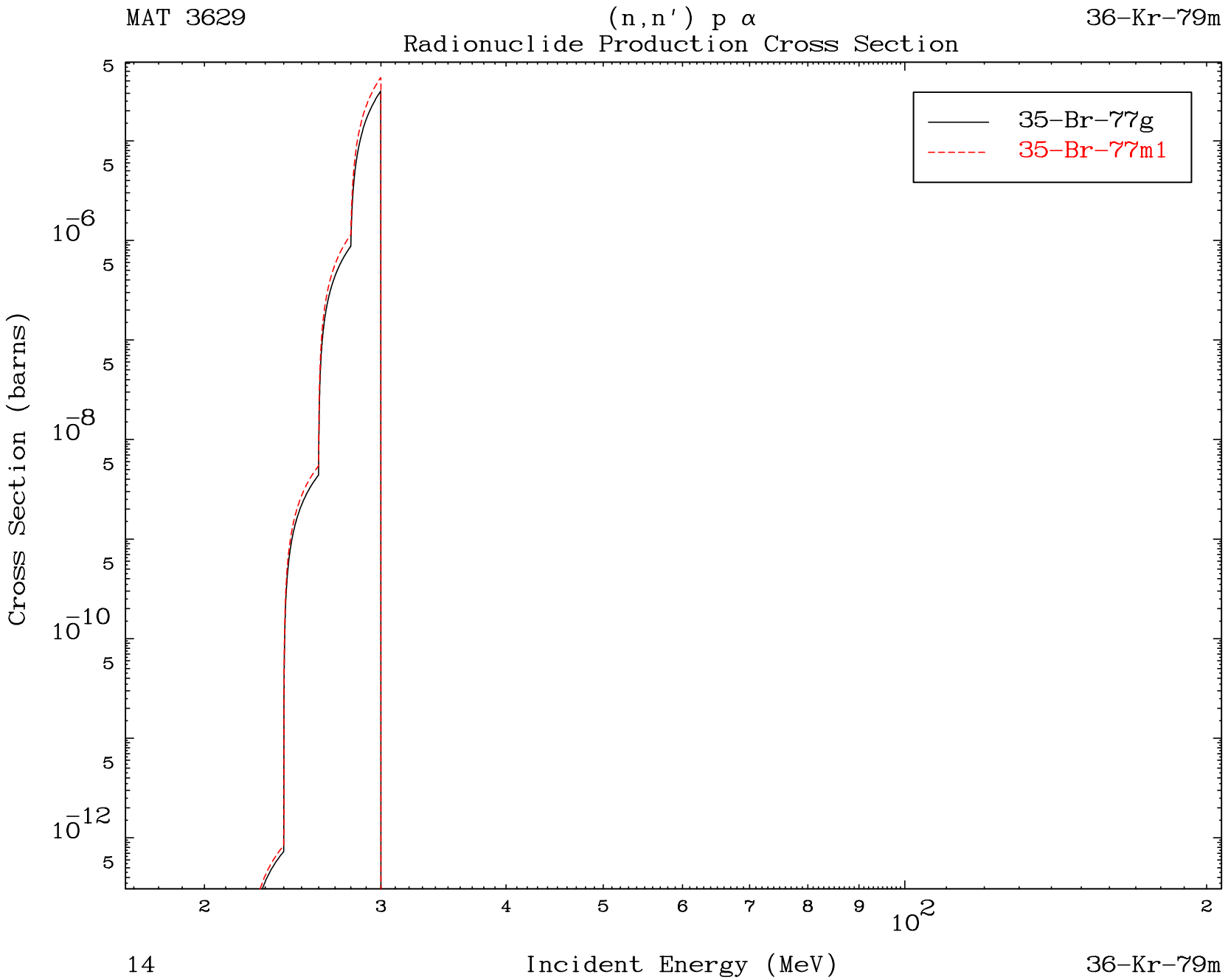

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

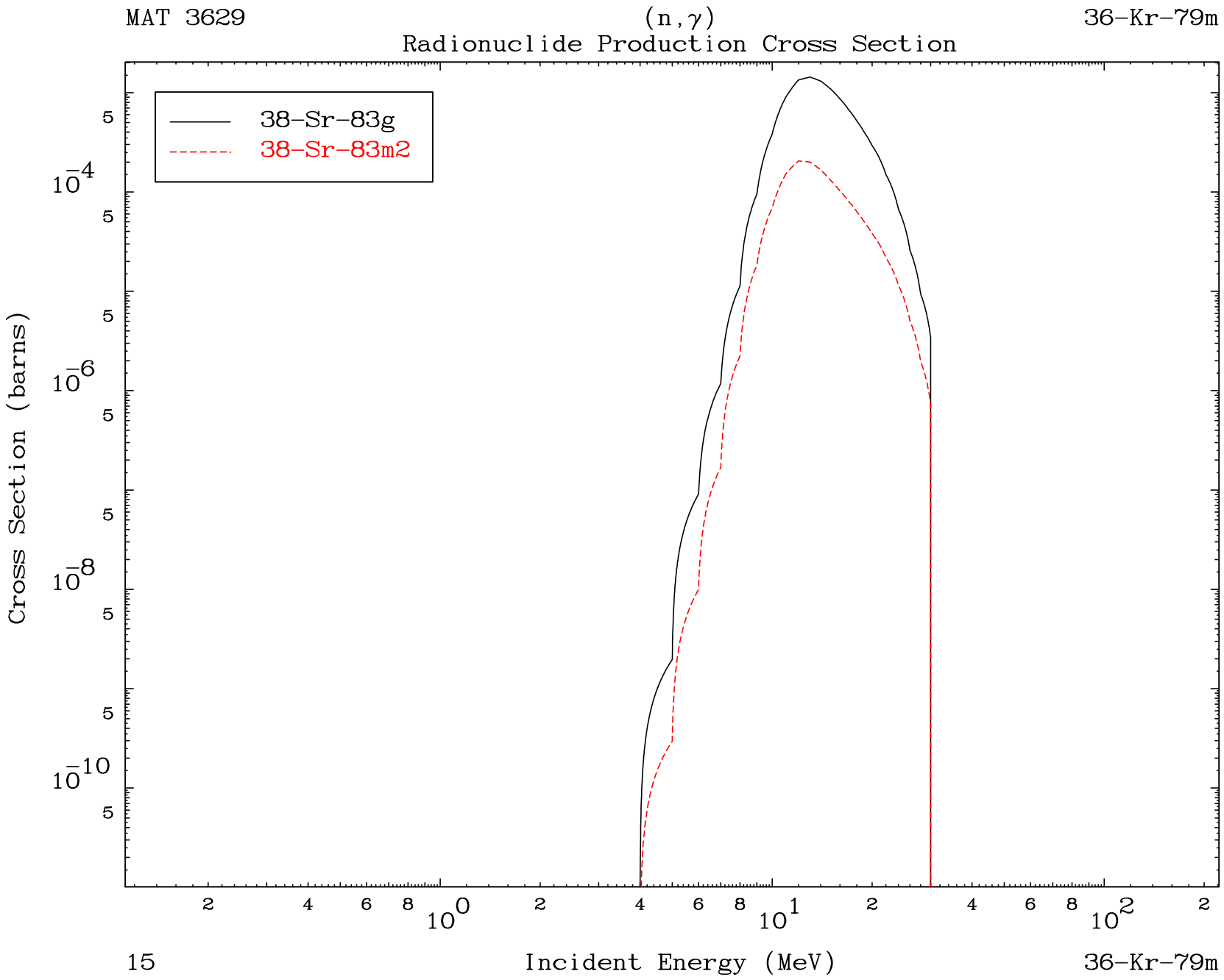

MAT 3629
(α,He3) Levels
36-Kr-79m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^1
10^2
36-Kr-79m

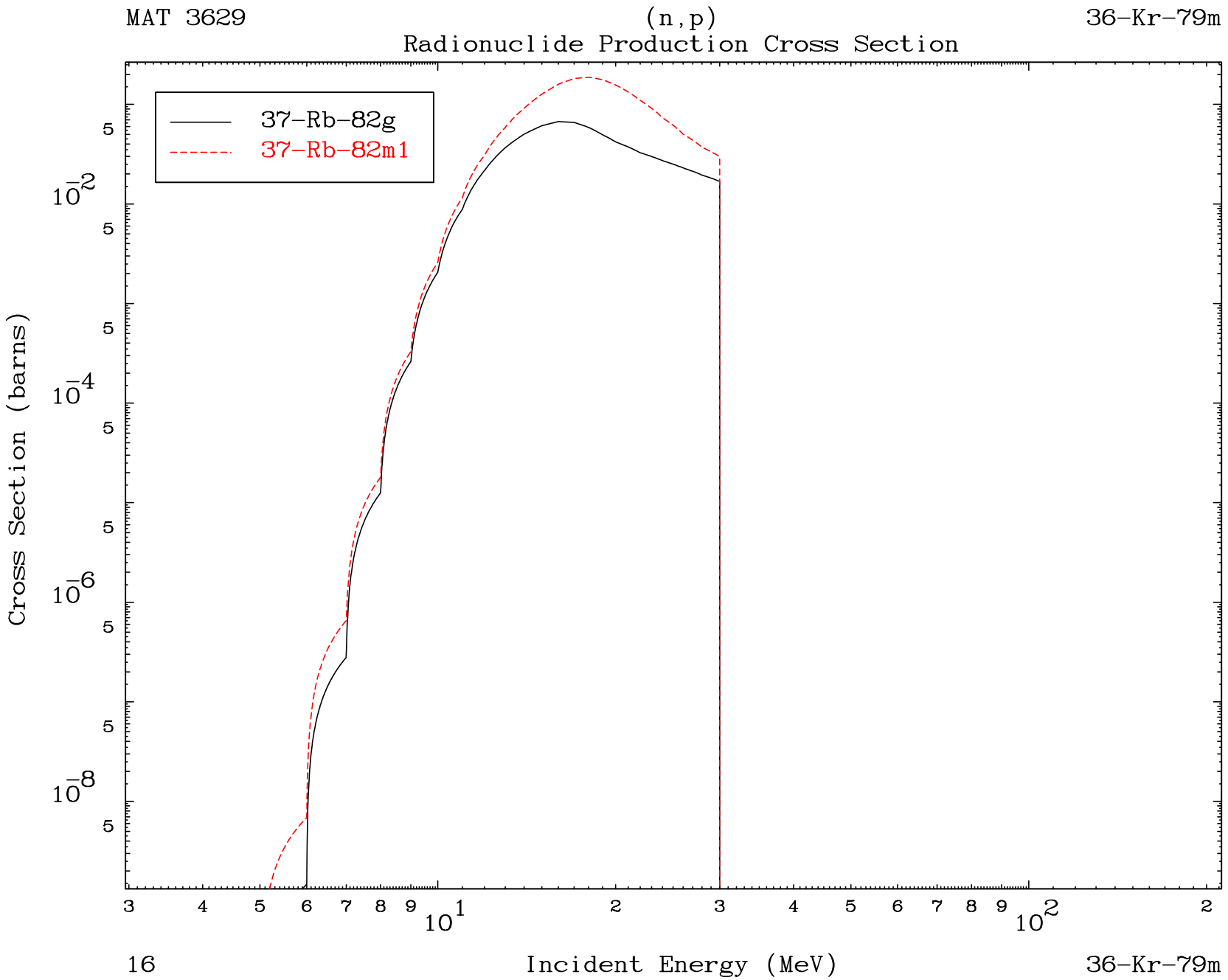

MAT 3629
(α,α) Levels
36-Kr-79m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
36-Kr-79m

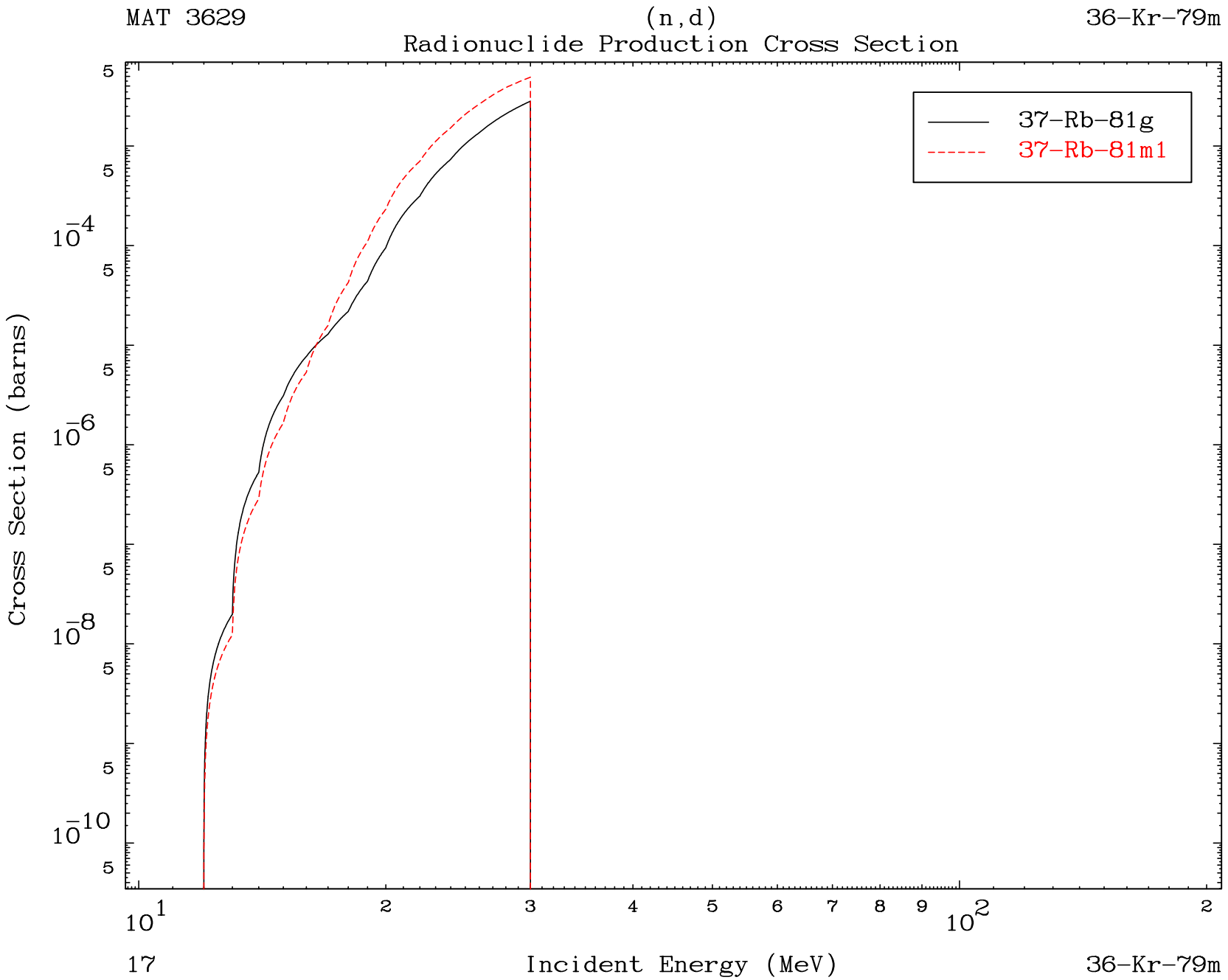

MAT 3629
(n,n') p
36-Kr-79m
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
12
36-Kr-79m

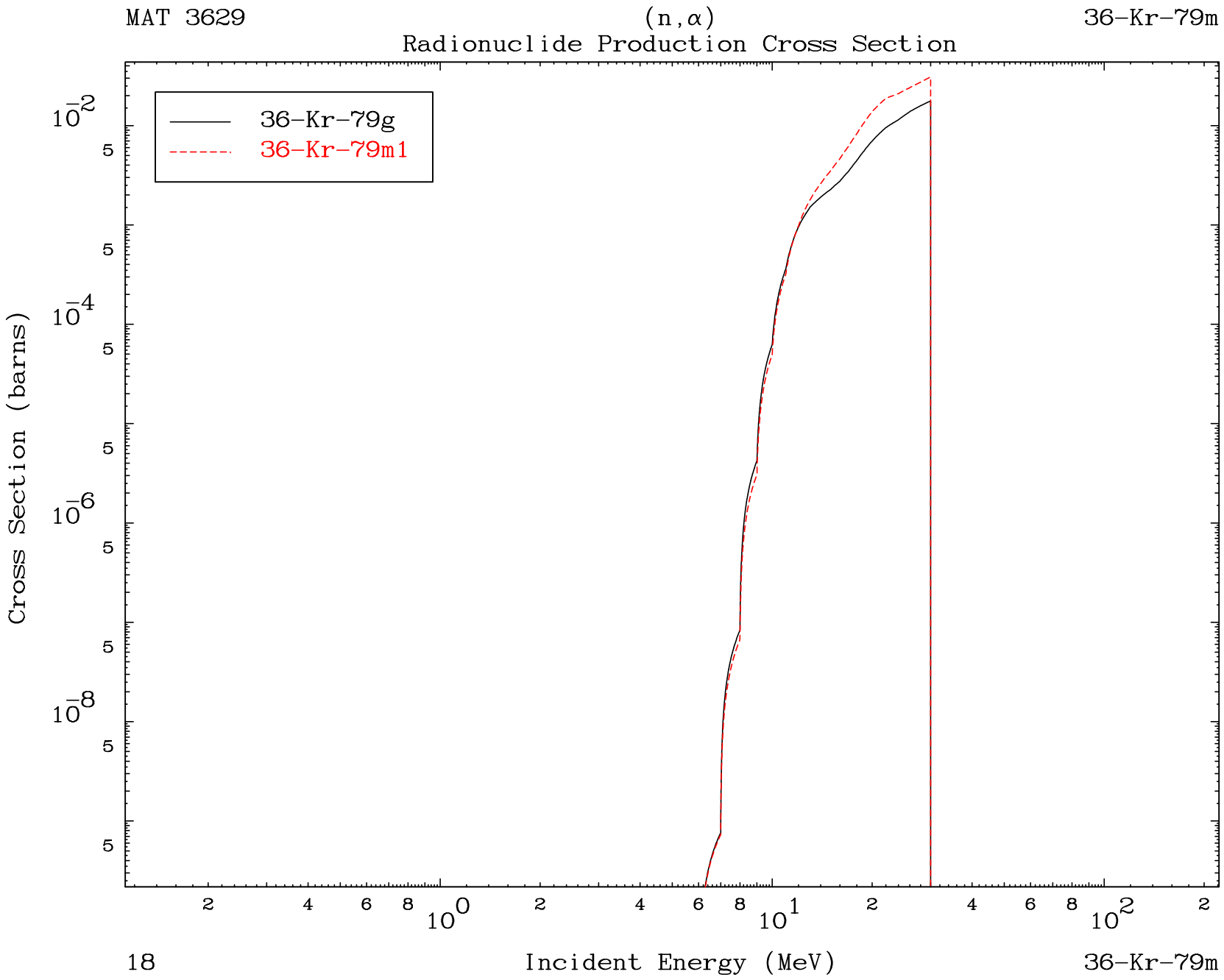

MAT 3629
(n,n') He-3
36-Kr-79m
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
10-12
5
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
36-Kr-79m

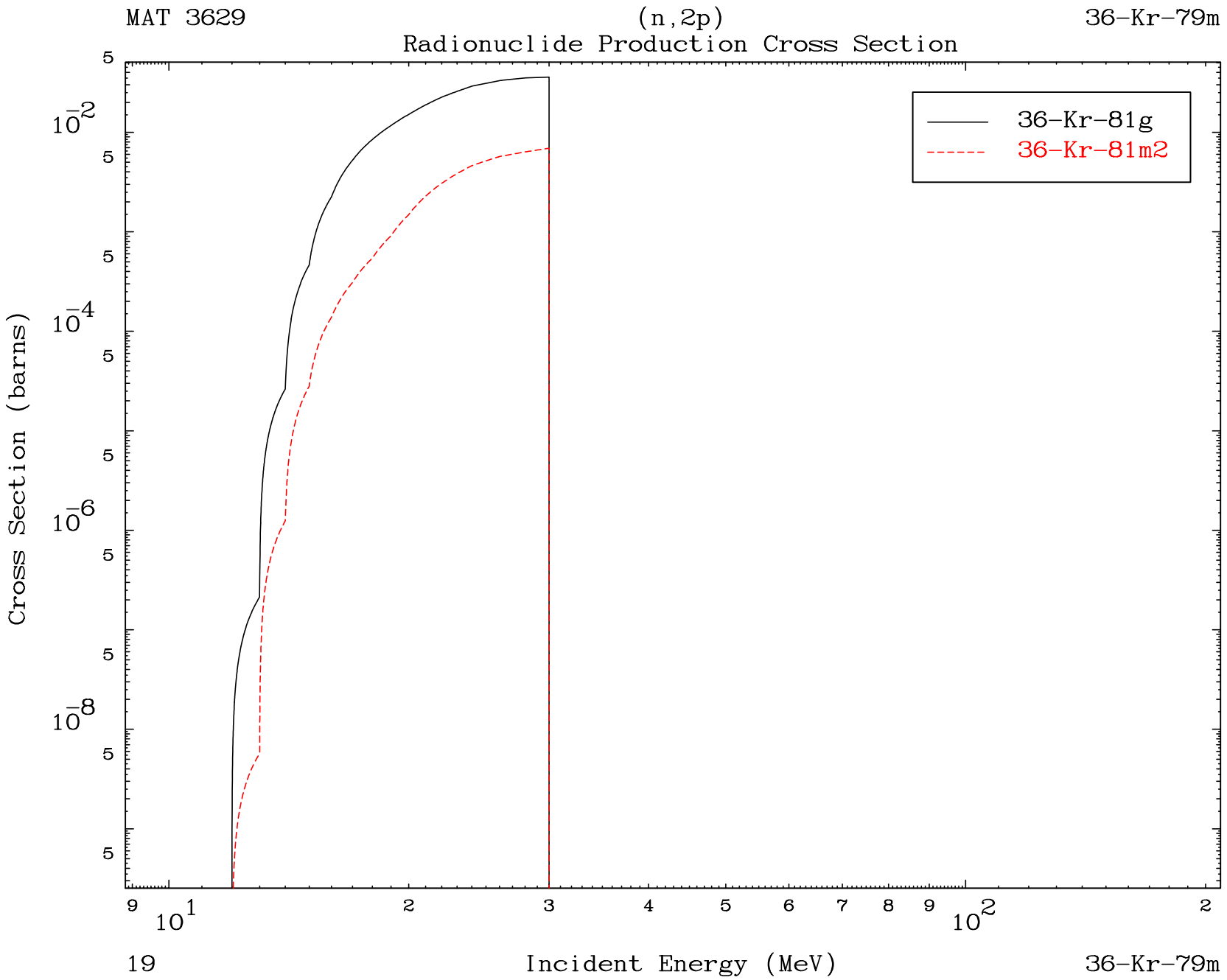

MAT 3629
(n,n') p α
36-Kr-79m
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
36-Kr-79m

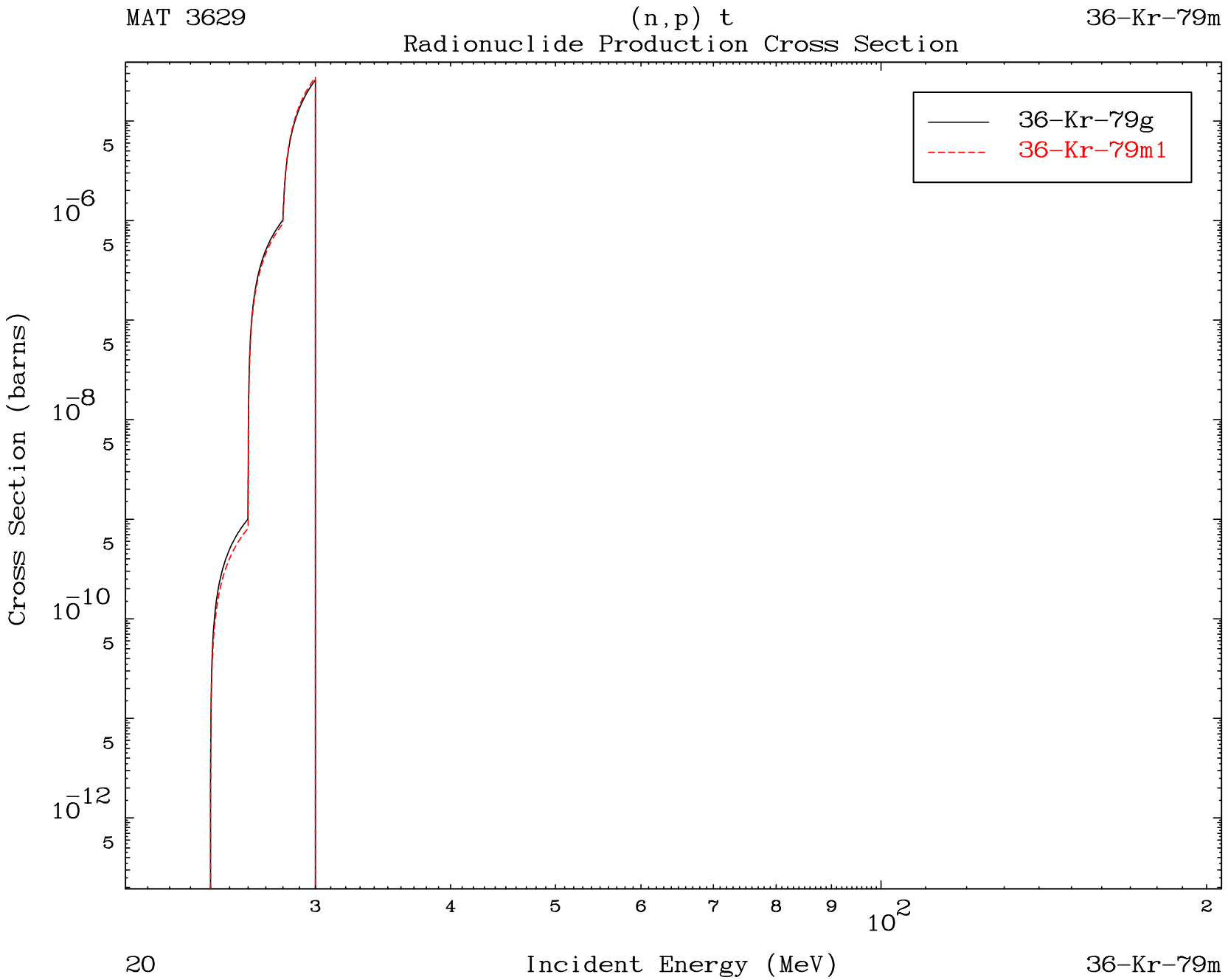

MAT 3629
(n,γ)
36-Kr-79m
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
15
36-Kr-79m

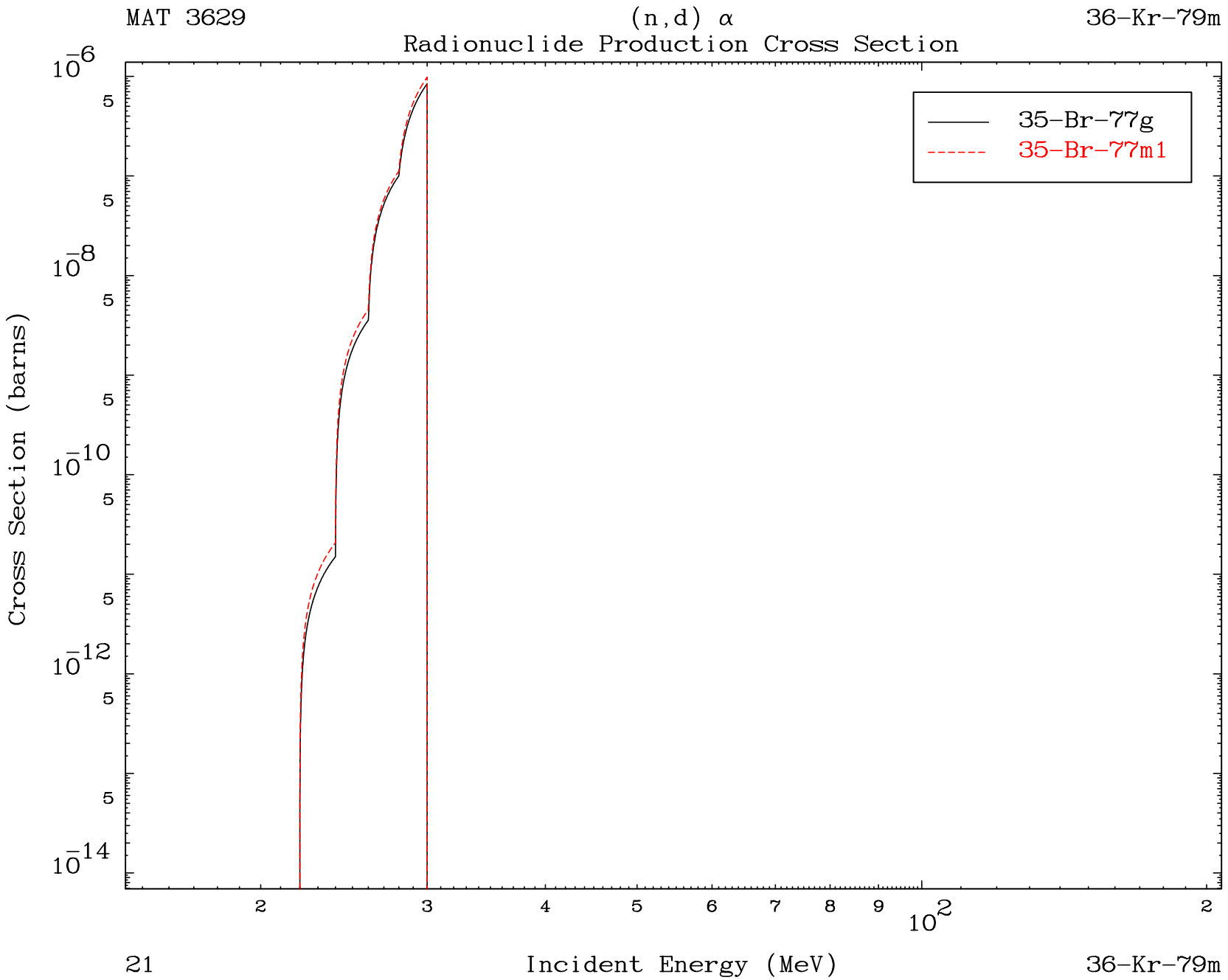

MAT 3629
(n,p)
36-Kr-79m
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
16
36-Kr-79m


MAT 3629
(n,d)
36-Kr-79m
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
36-Kr-79m
17


MAT 3629
(n,α)
36-Kr-79m
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
18
36-Kr-79m


MAT 3629
(n,2p)
36-Kr-79m
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
19
36-Kr-79m


MAT 3629
(n,p) t
36-Kr-79m
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
36-Kr-79m


MAT 3629
(n,d) α
36-Kr-79m
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
Incident Energy (MeV)
21
36-Kr-79m