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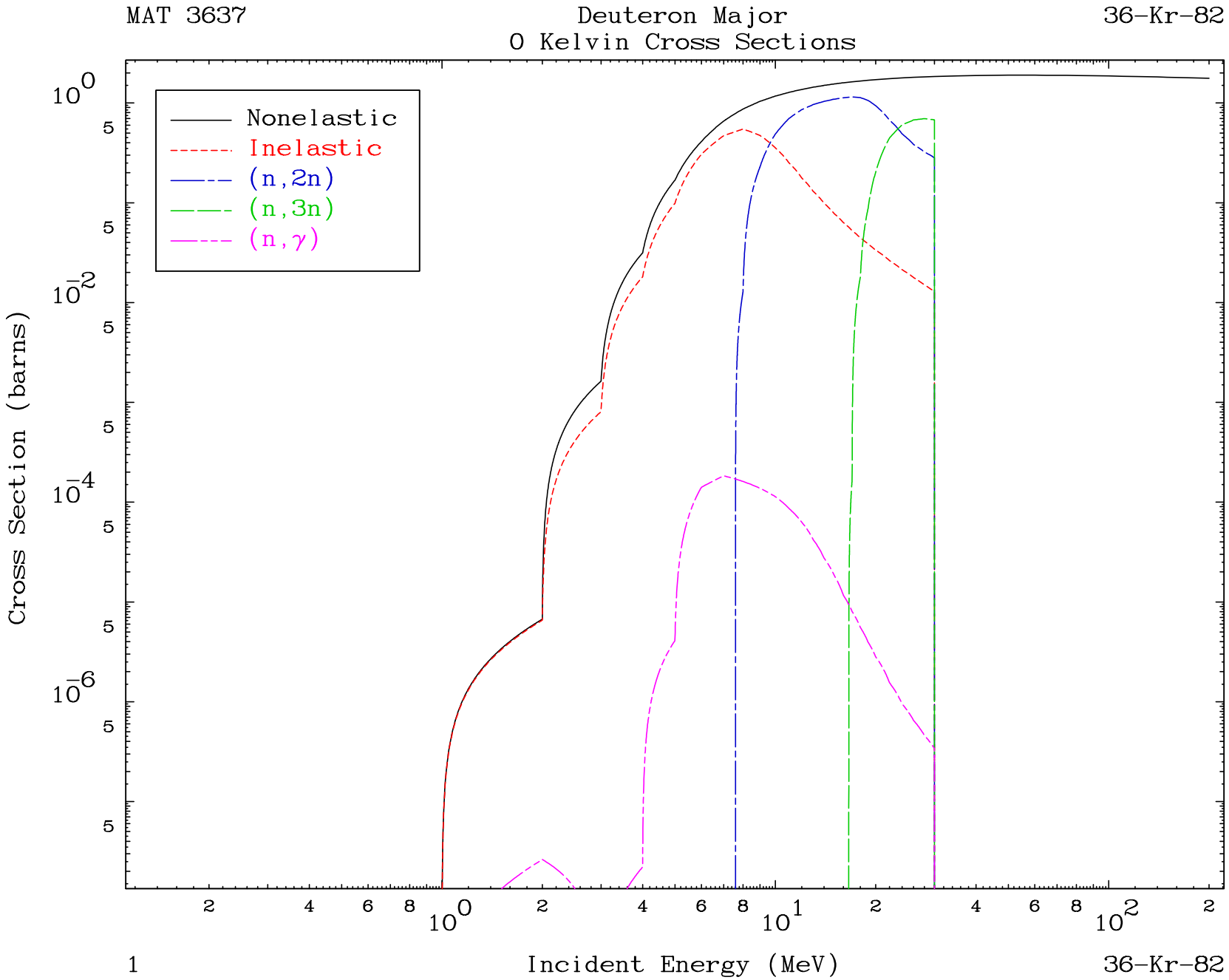
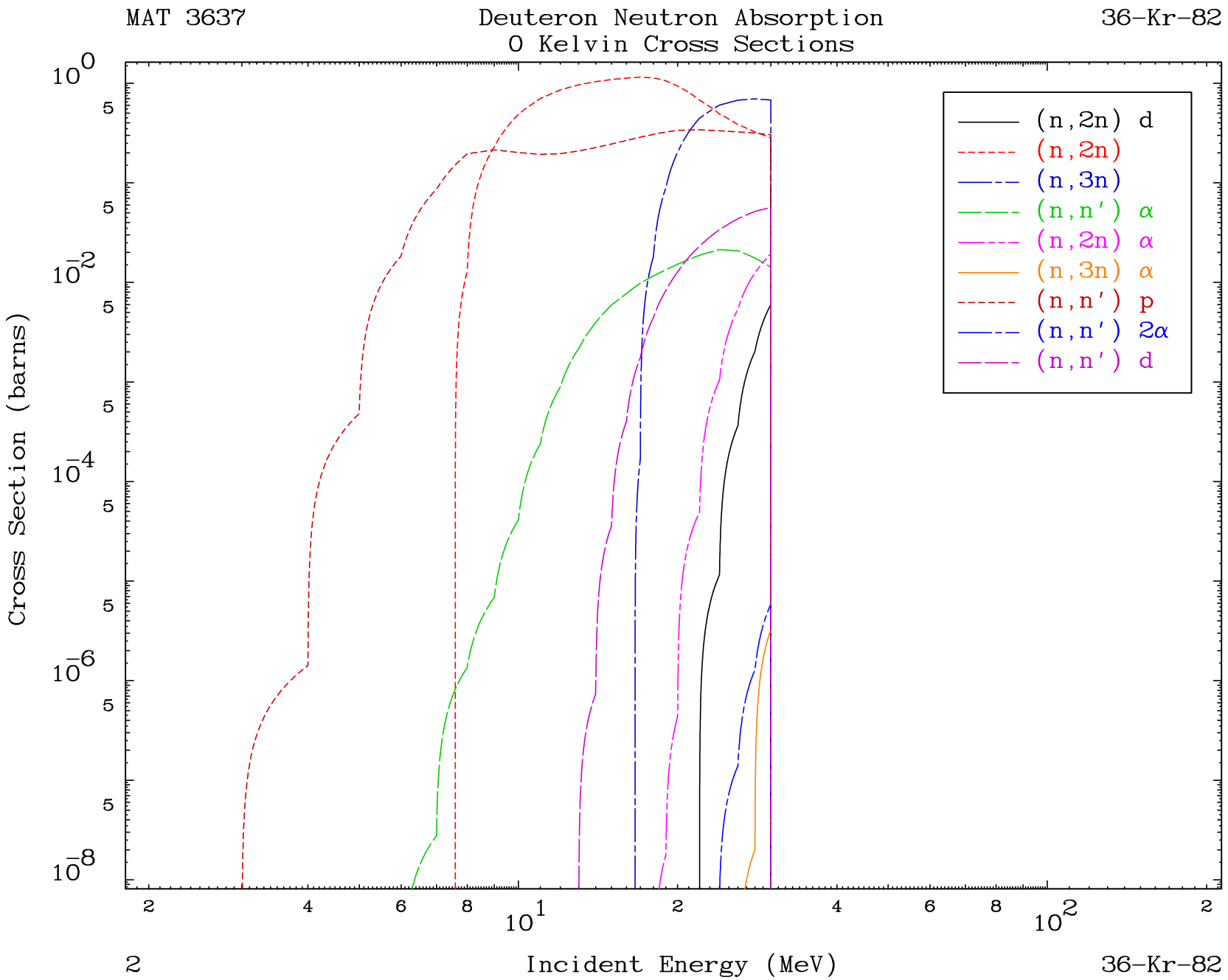
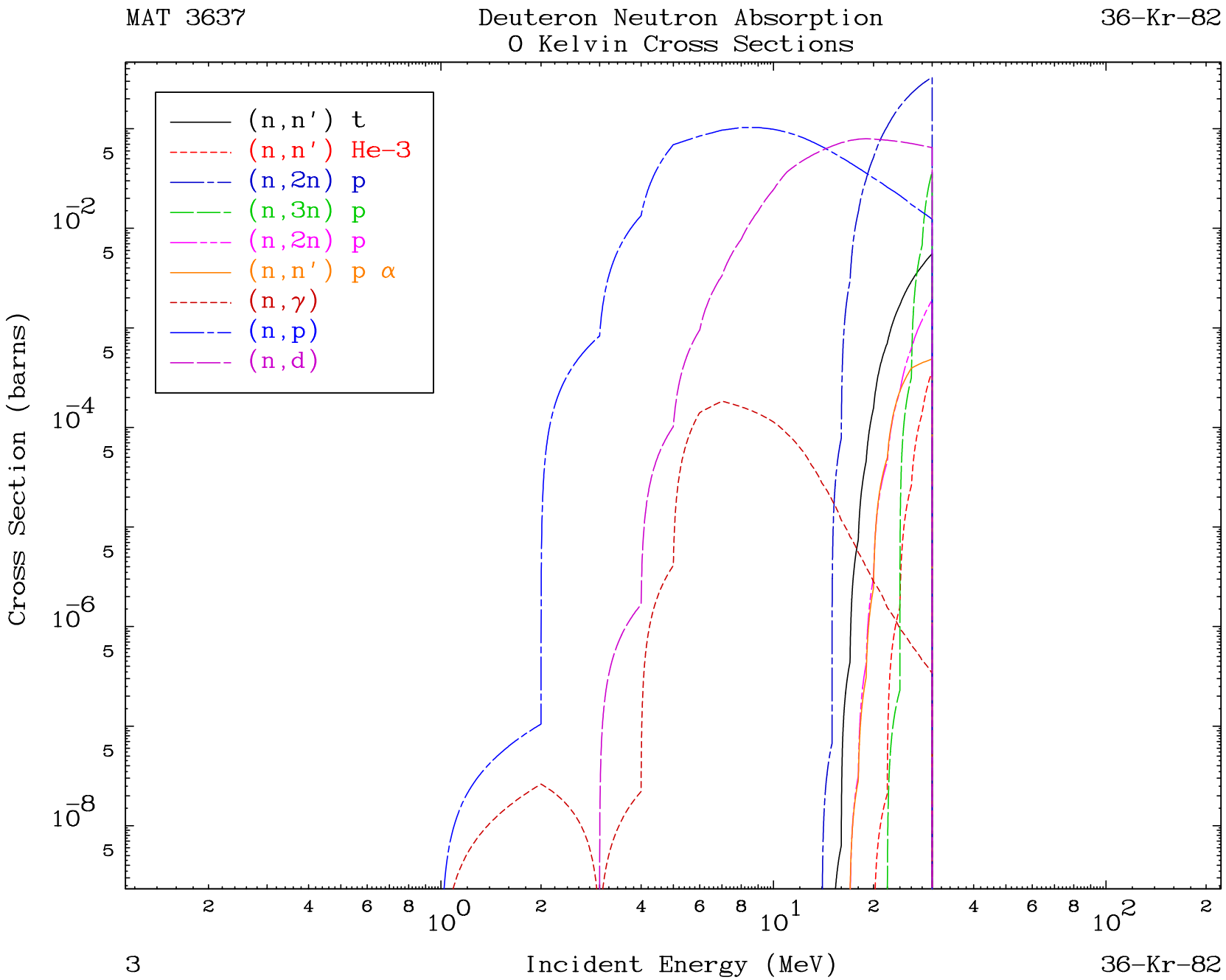
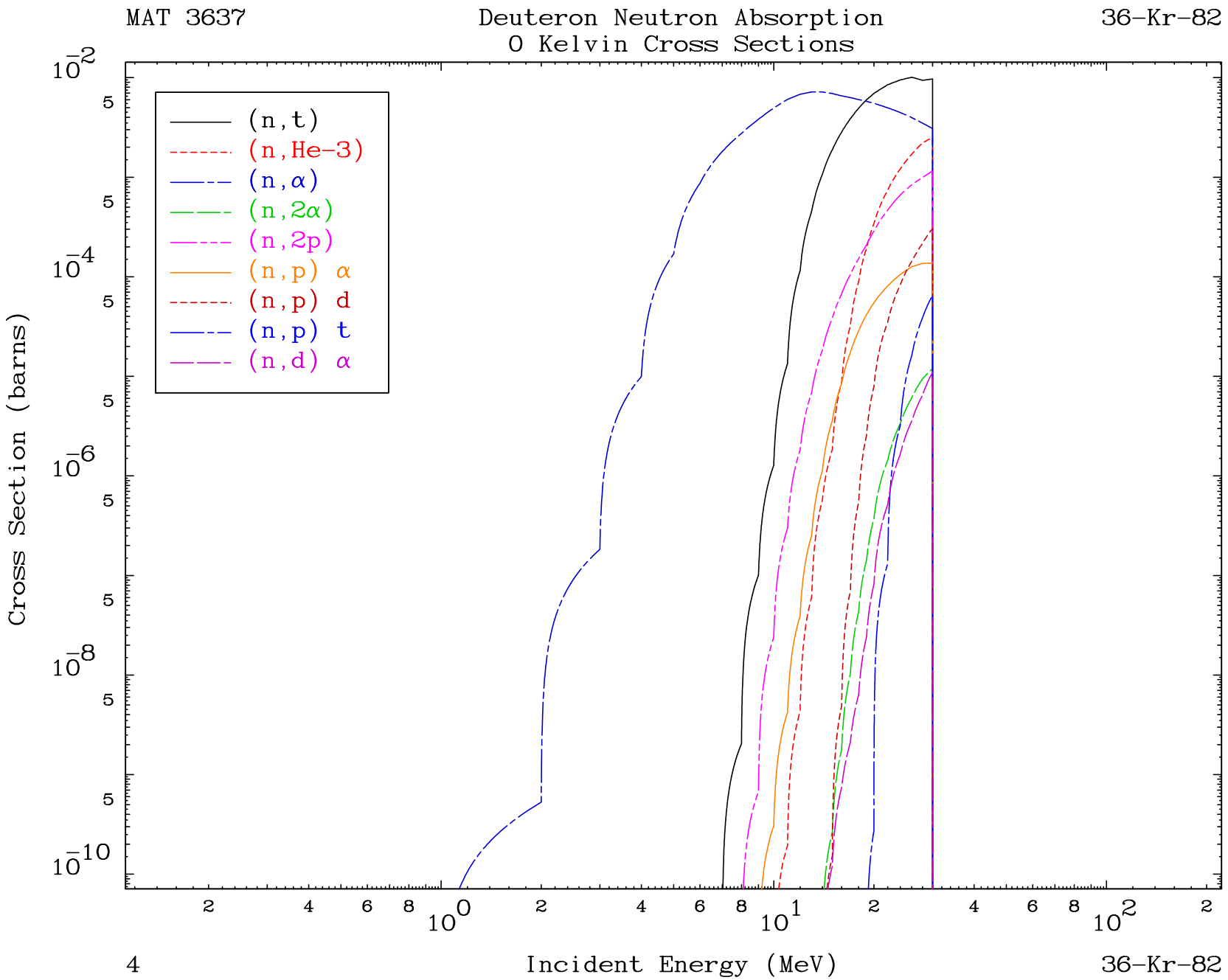
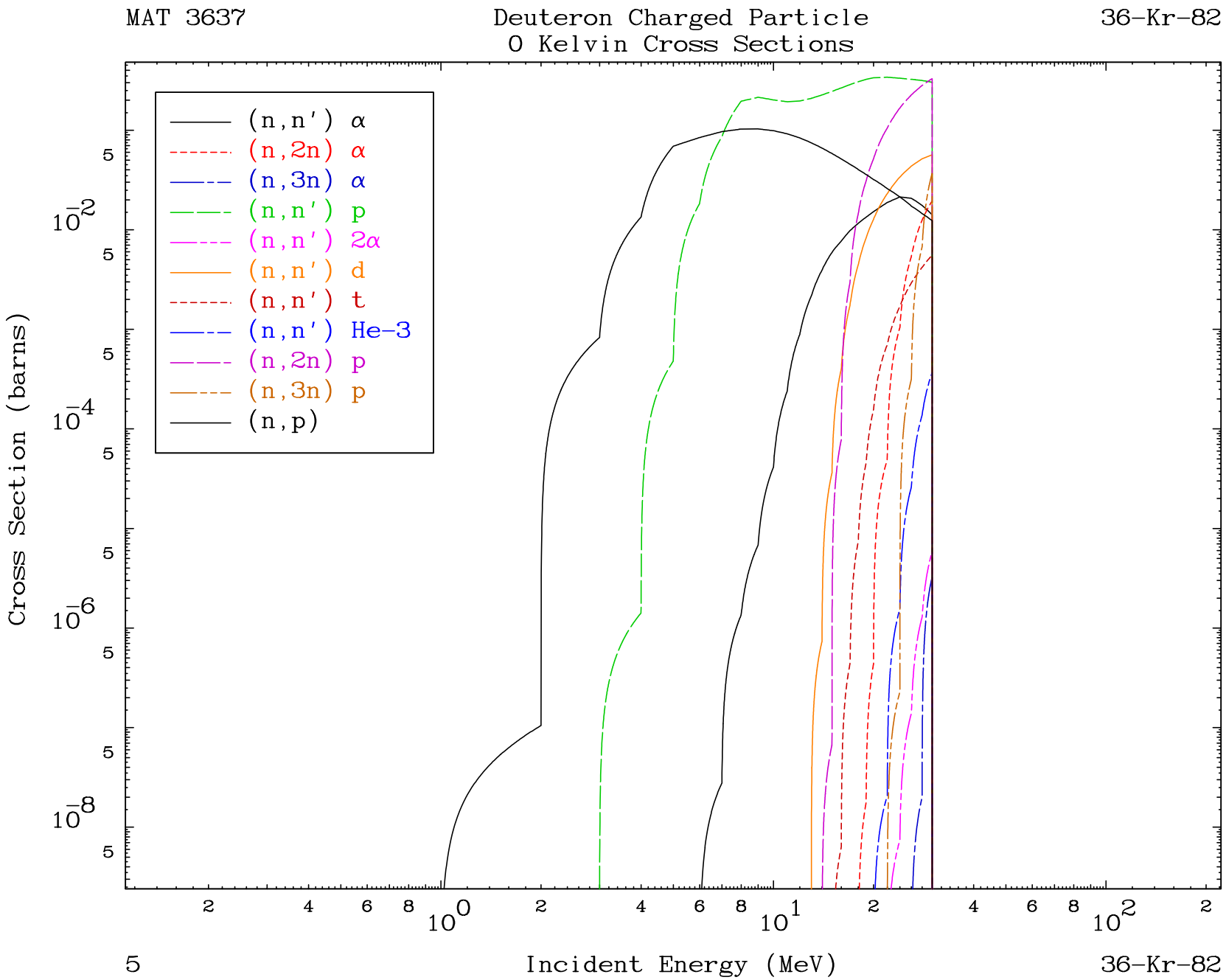
Press Mouse Button to Start

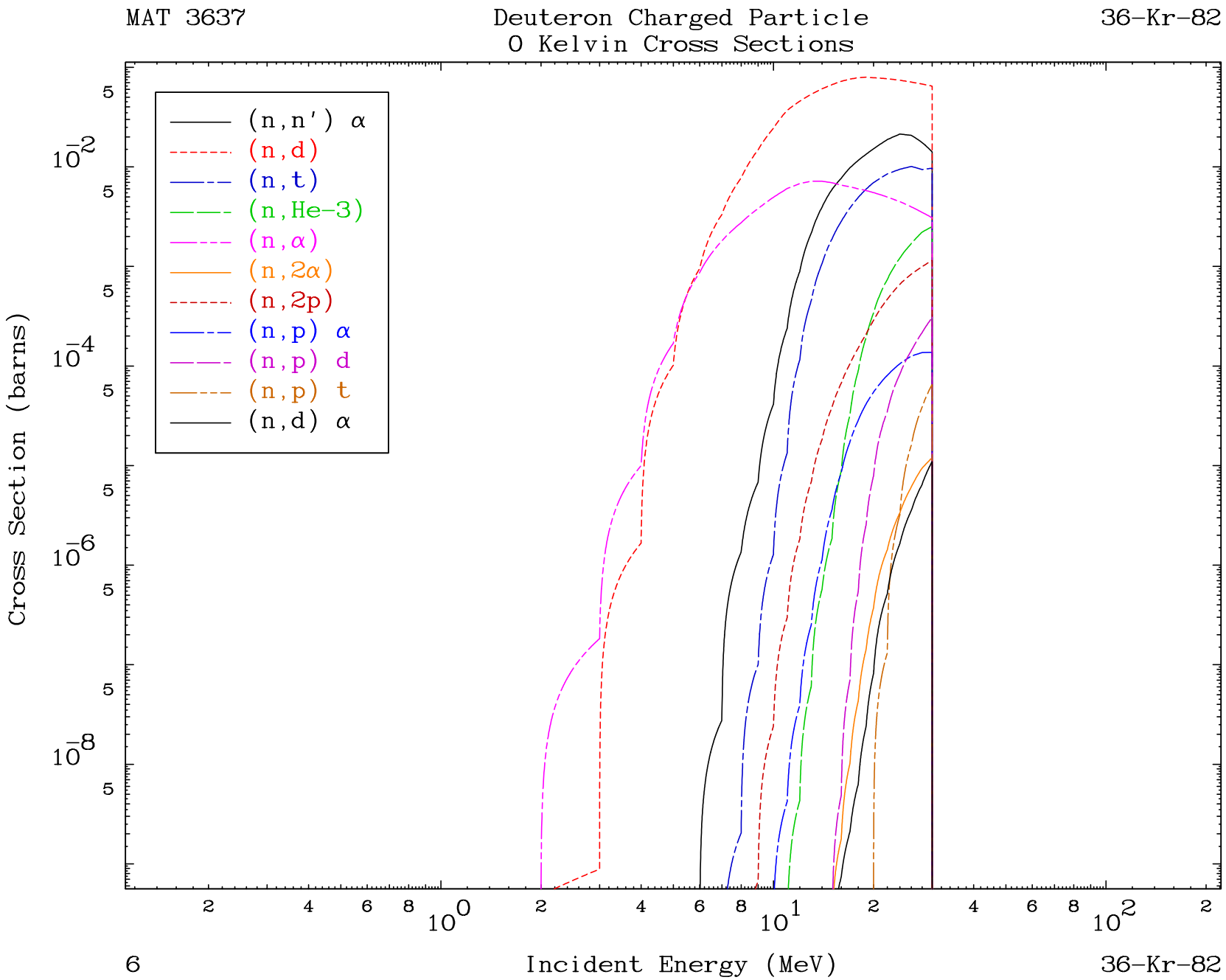

MAT 3637
Deuteron Major
36-Kr-82
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
36-Kr-82

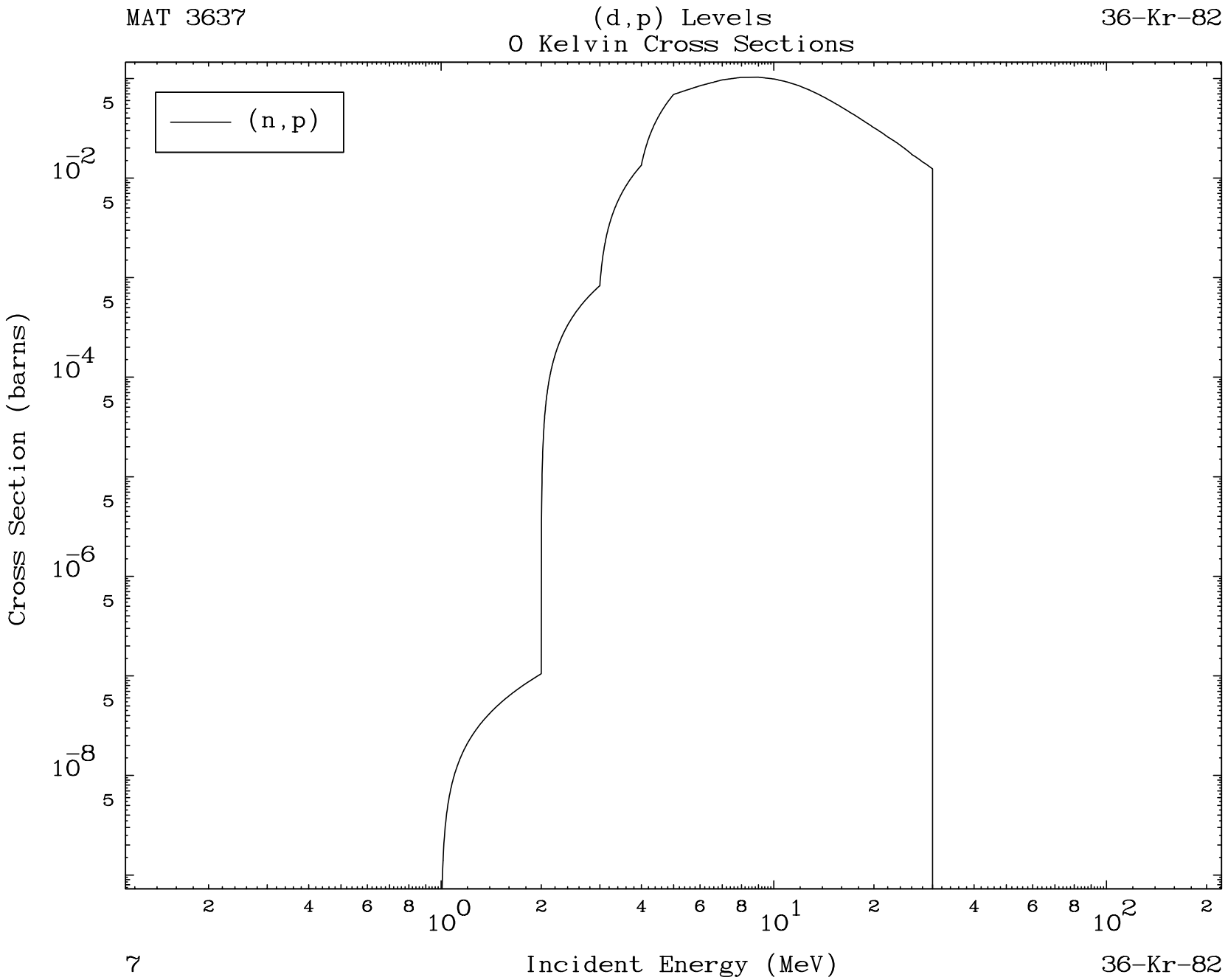

MAT 3637
Deuteron Neutron Absorption
0 Kelvin Cross Sections
36-Kr-82
Cross Section (barns)
Incident Energy (MeV)
36-Kr-82
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d

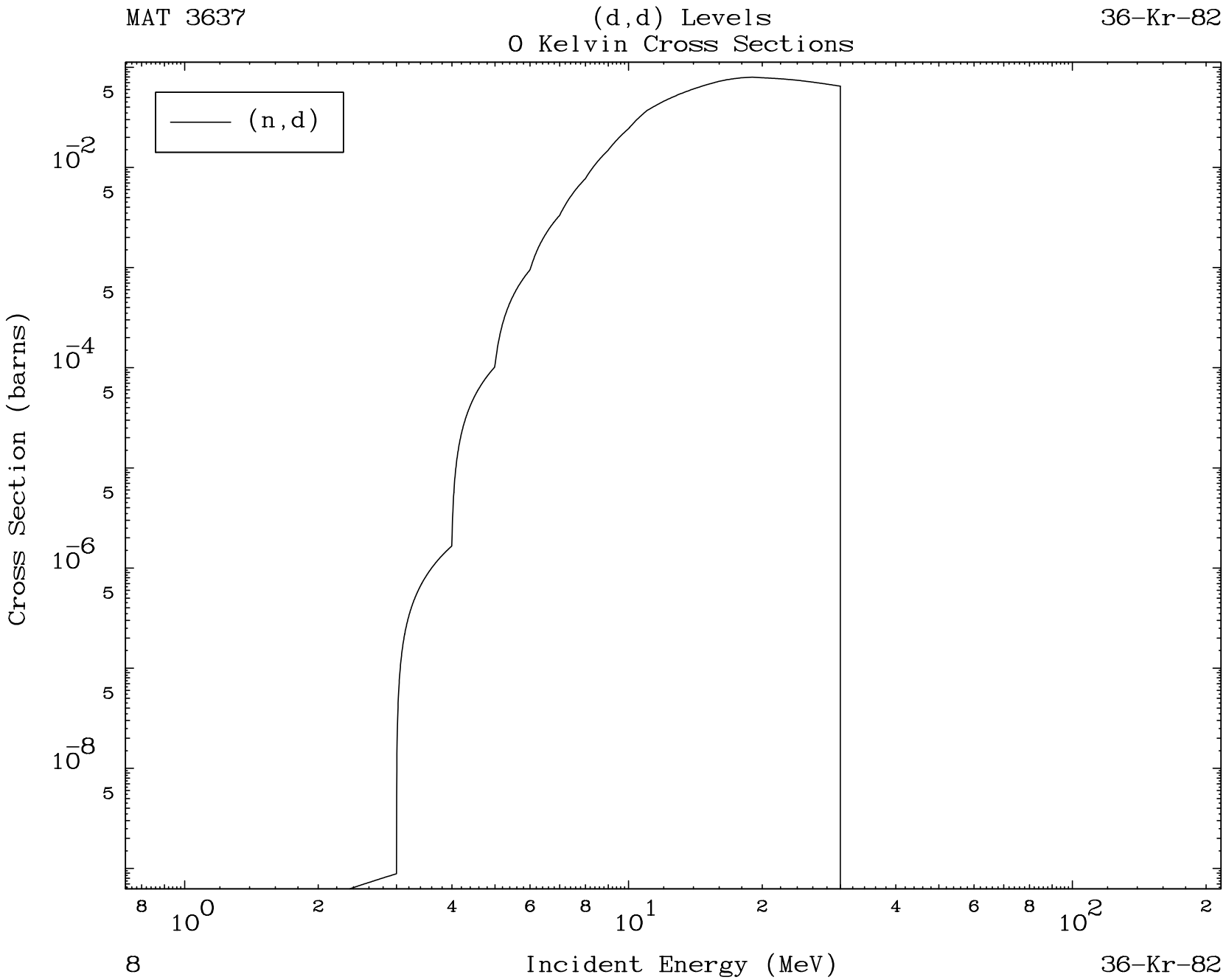

MAT 3637
Deuteron Neutron Absorption
0 Kelvin Cross Sections
36-Kr-82
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
36-Kr-82

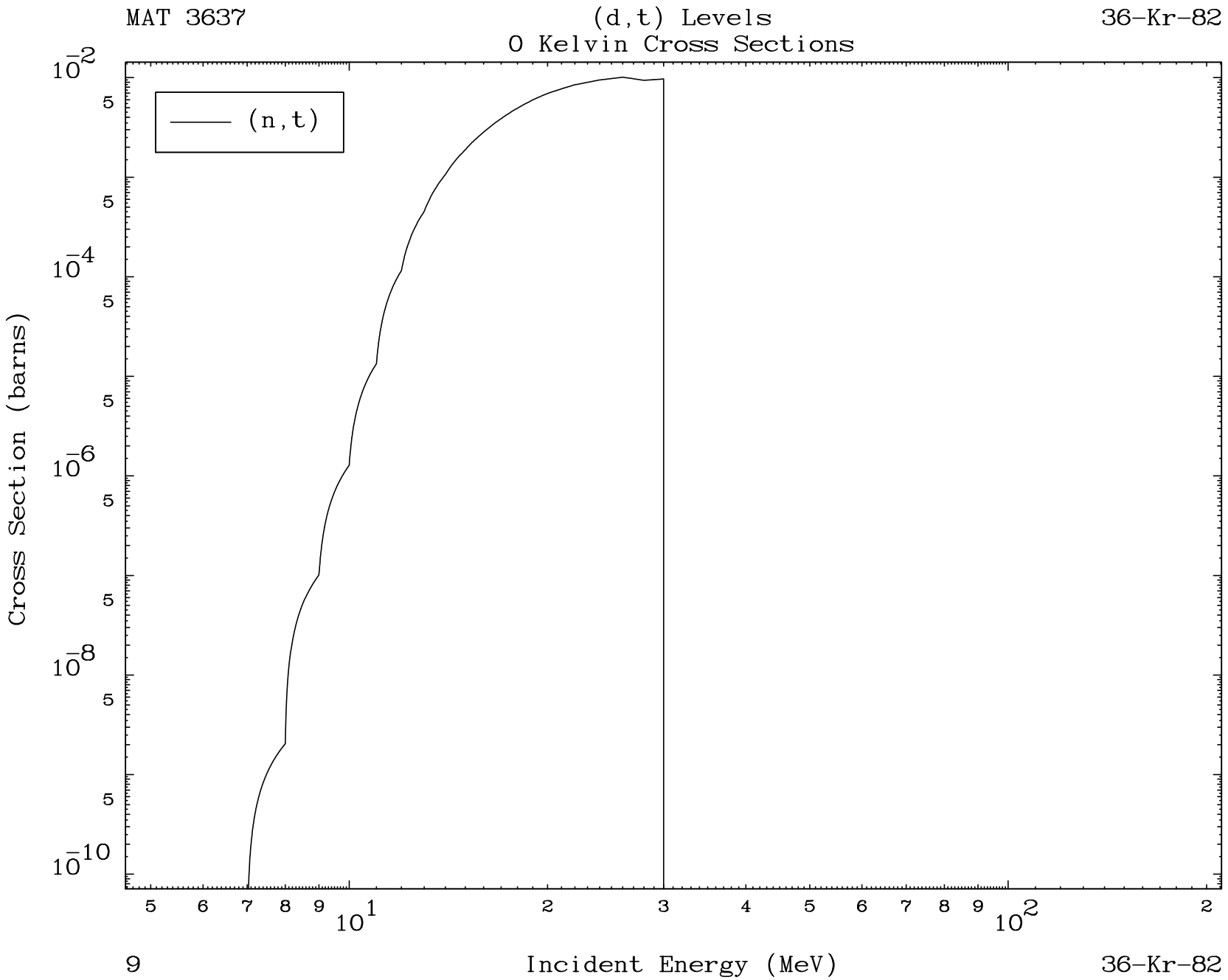

MAT 3637
Deuteron Neutron Absorption
0 Kelvin Cross Sections
36-Kr-82
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
36-Kr-82

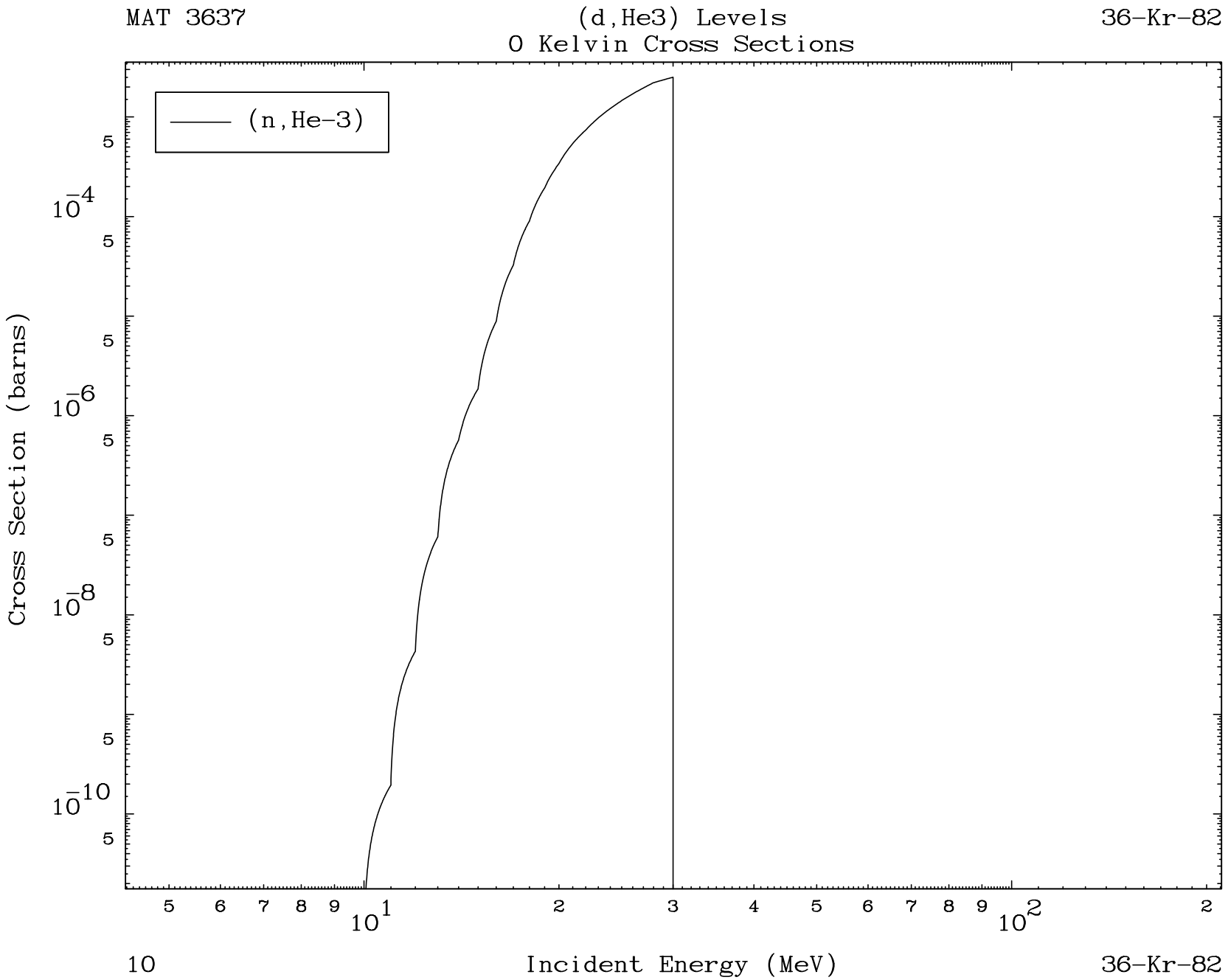

MAT 3637
Deuteron Charged Particle
0 Kelvin Cross Sections
36-Kr-82
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
36-Kr-82

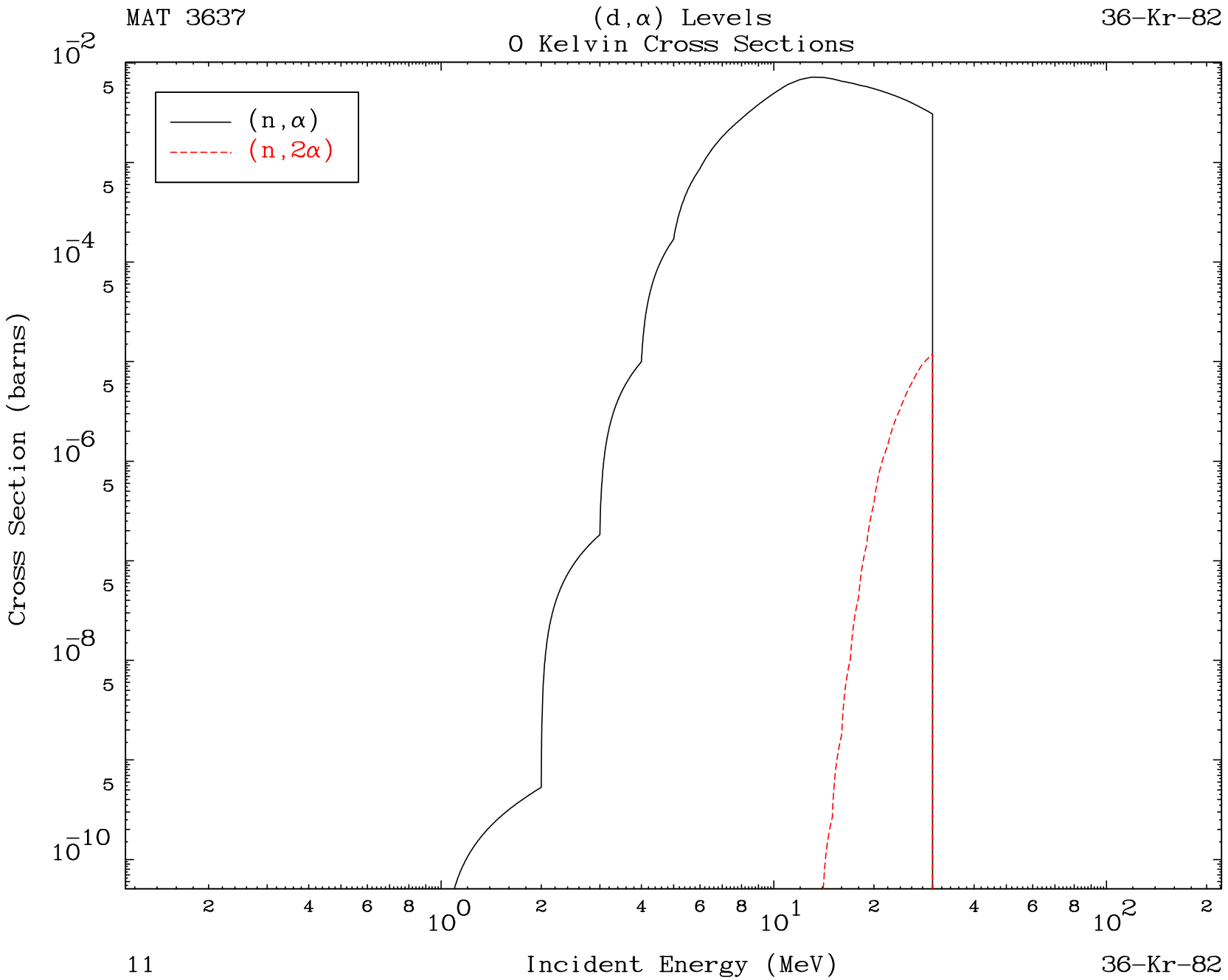

MAT 3637
Deuteron Charged Particle
0 Kelvin Cross Sections
36-Kr-82
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
36-Kr-82

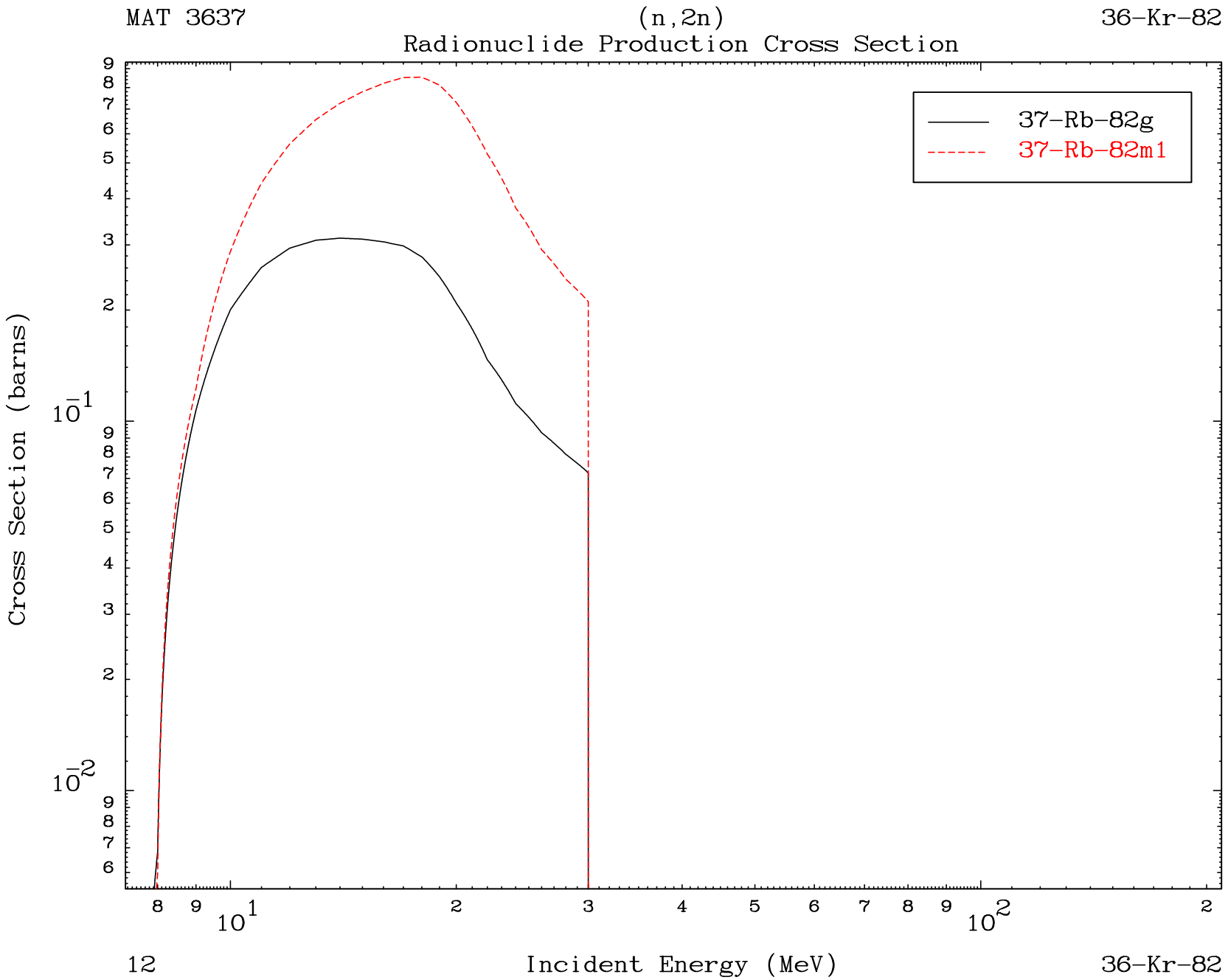

MAT 3637
(d,p) Levels
36-Kr-82
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
7
36-Kr-82

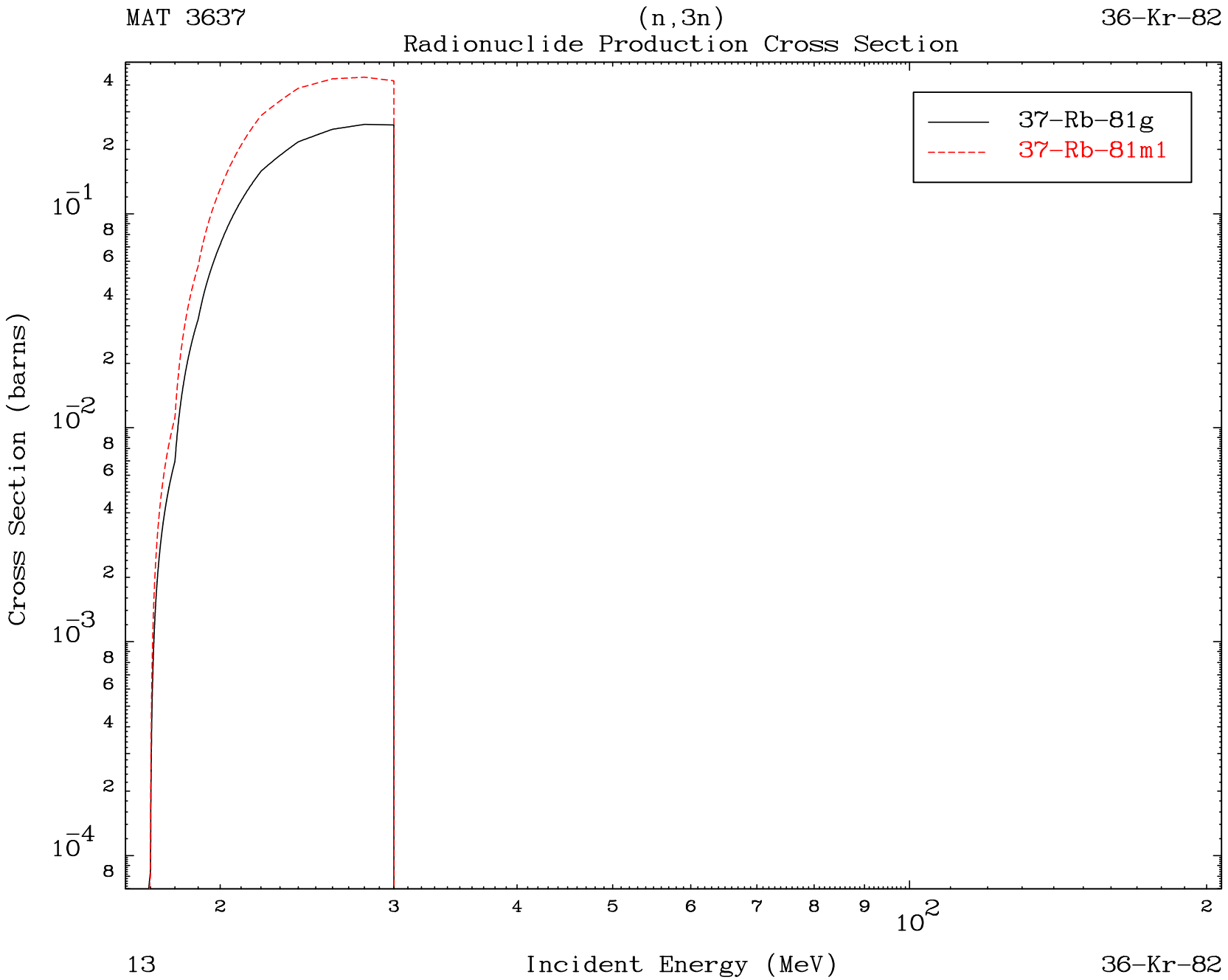

MAT 3637
(d,d) Levels
36-Kr-82
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
36-Kr-82
8

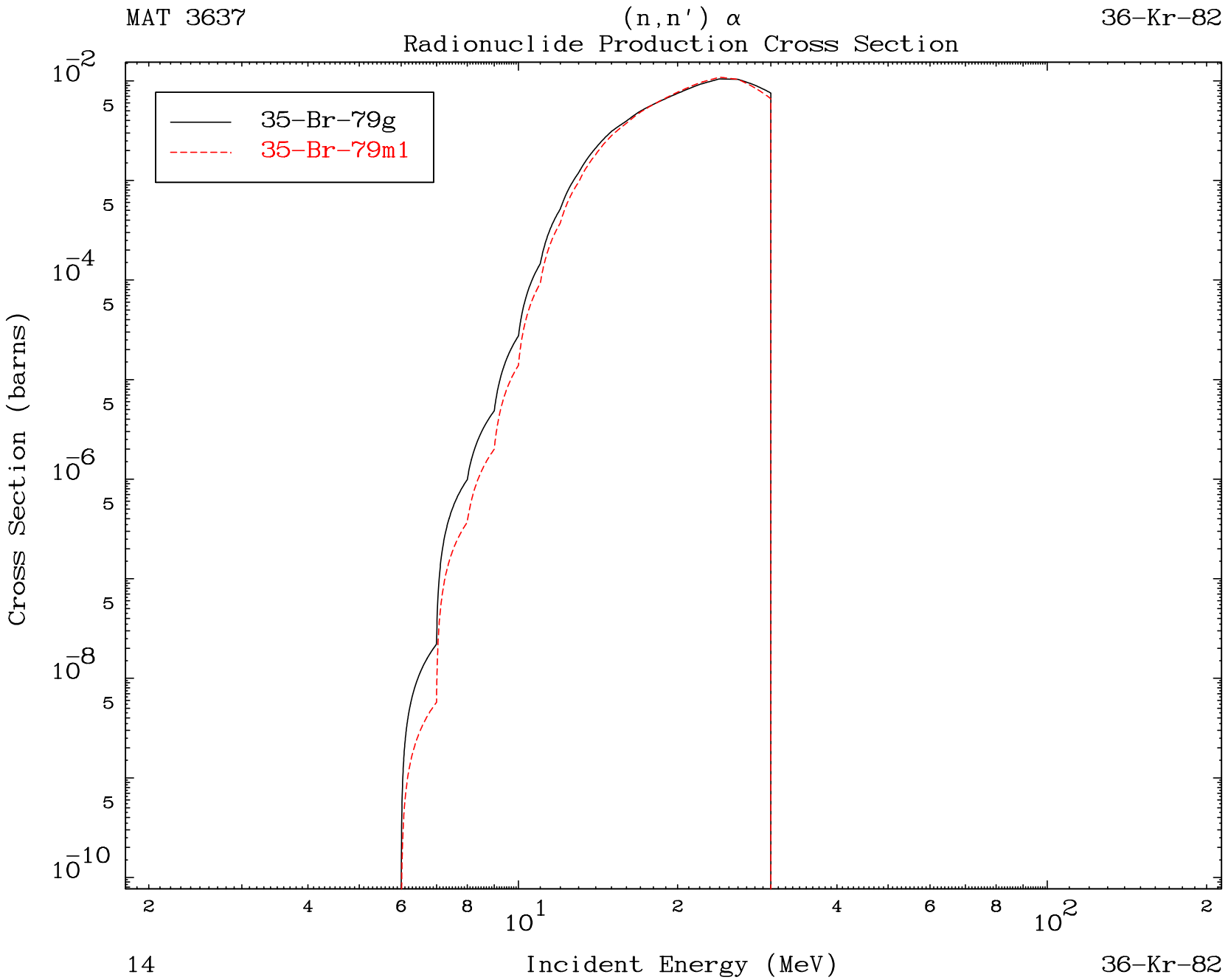

MAT 3637
(d,t) Levels
36-Kr-82
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
36-Kr-82

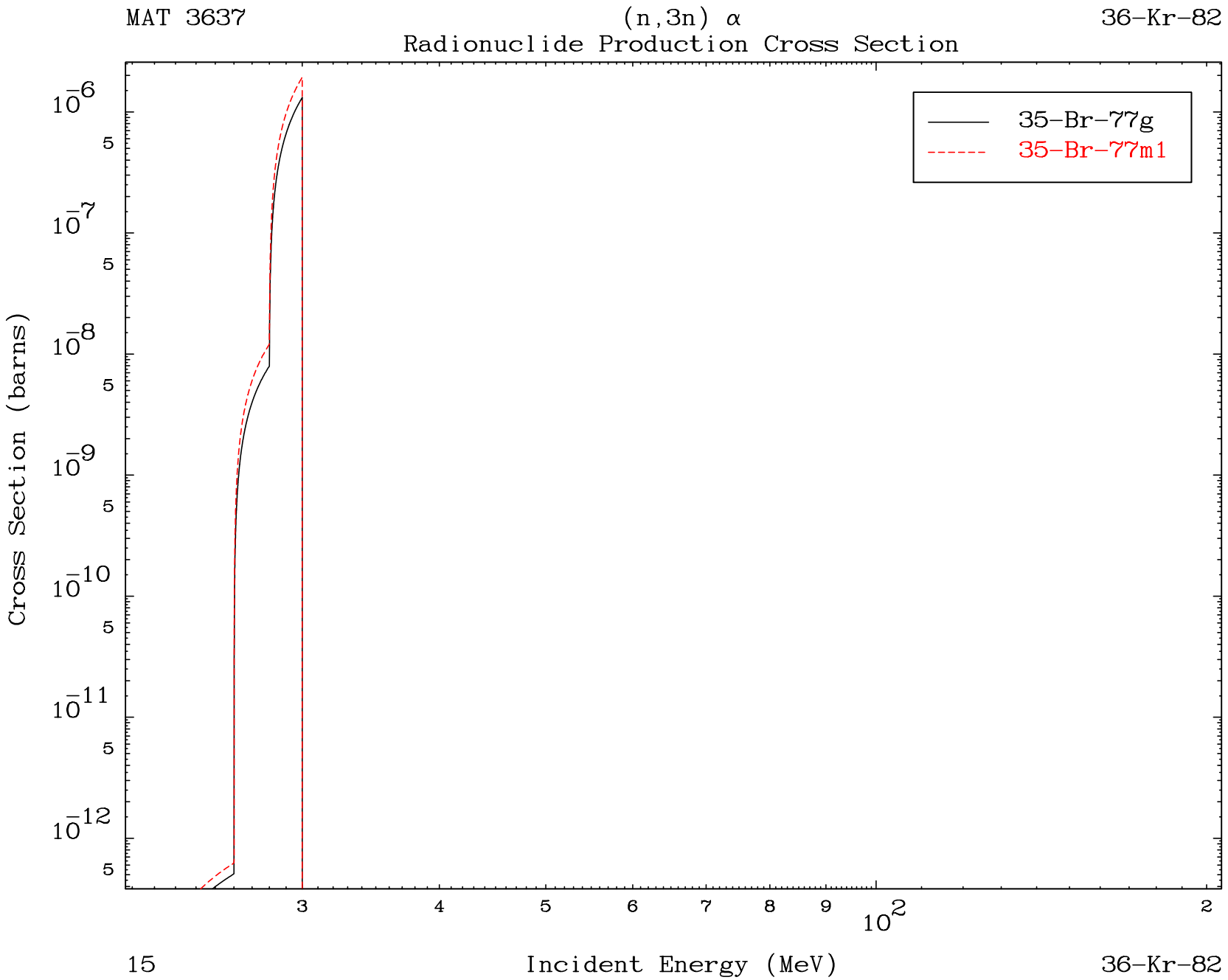

MAT 3637
(d,He3) Levels
36-Kr-82
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
10^2
2
3
4
6
7
8
9
10
Incident Energy (MeV)
36-Kr-82

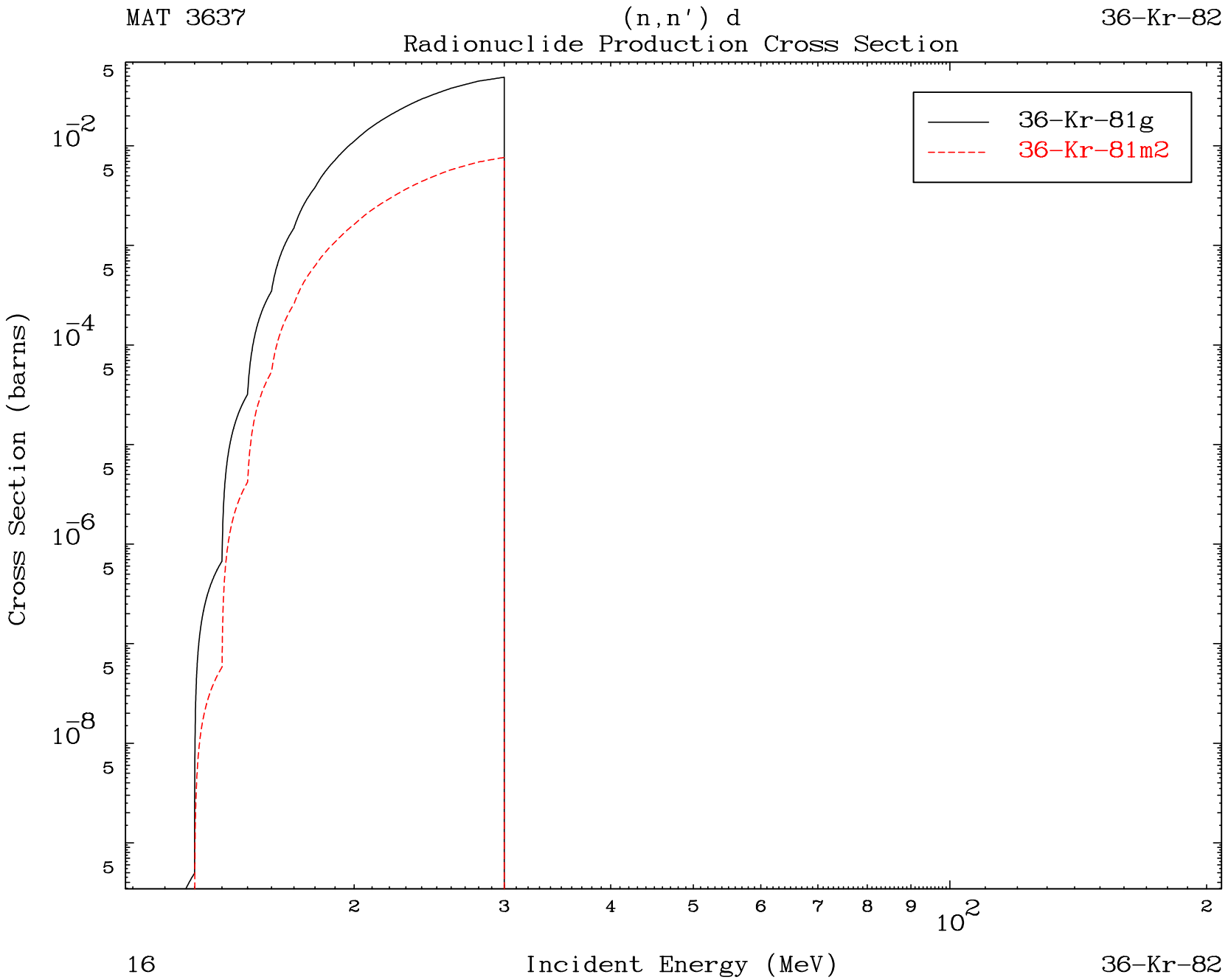

MAT 3637
(d,α) Levels
36-Kr-82
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
36-Kr-82

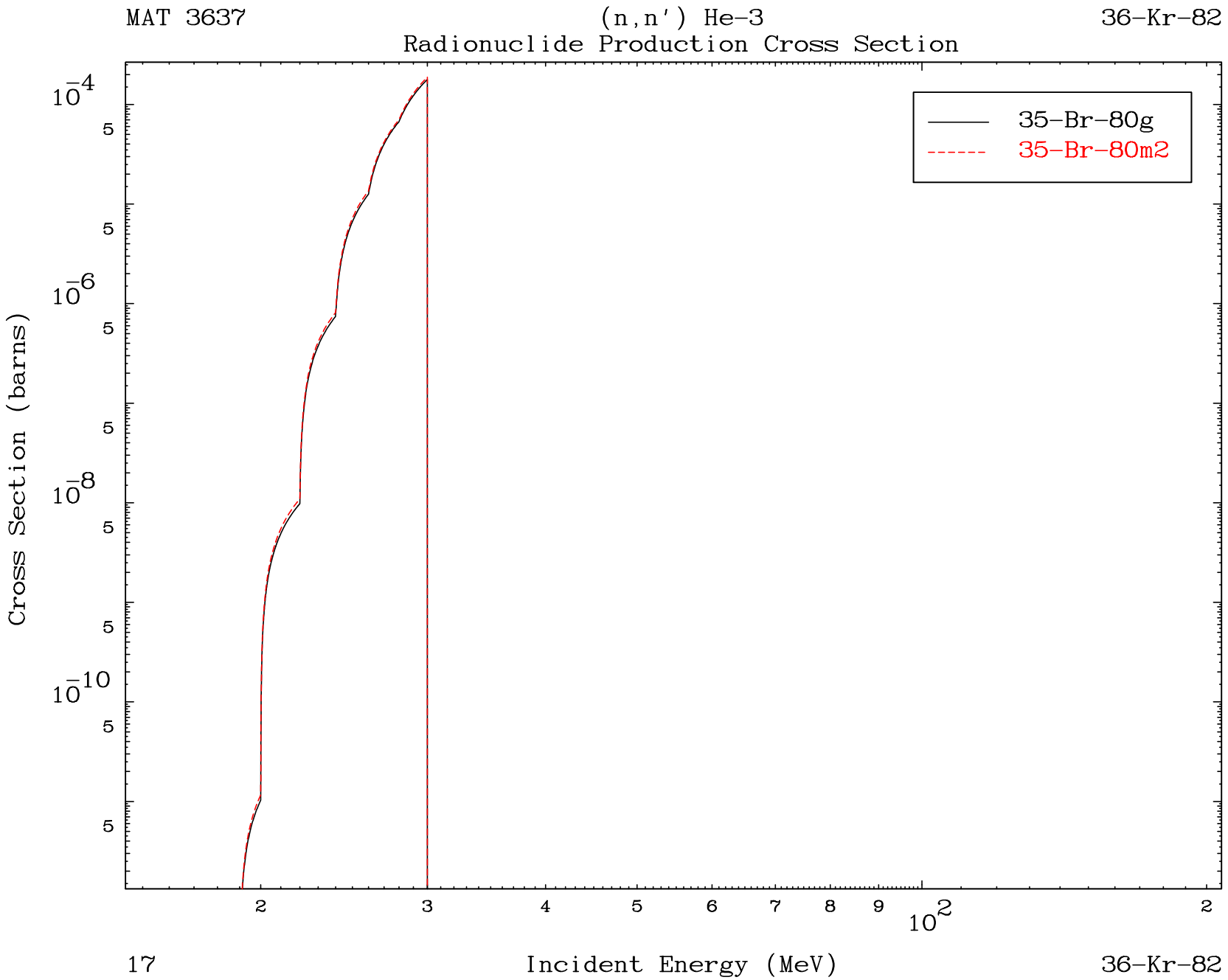

MAT 3637
(n,2n)
36-Kr-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
12
36-Kr-82

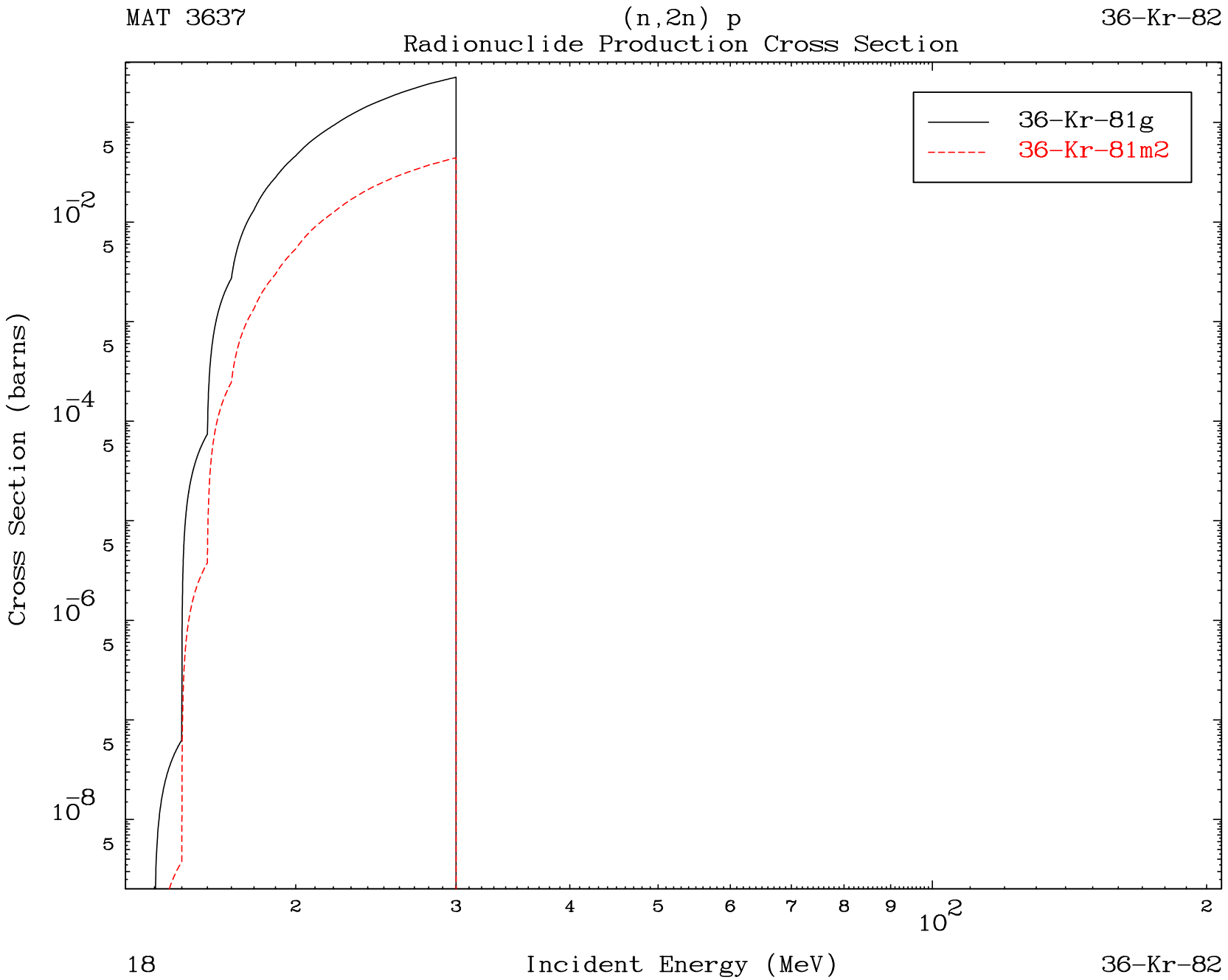

MAT 3637
(n,3n)
36-Kr-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
13
36-Kr-82

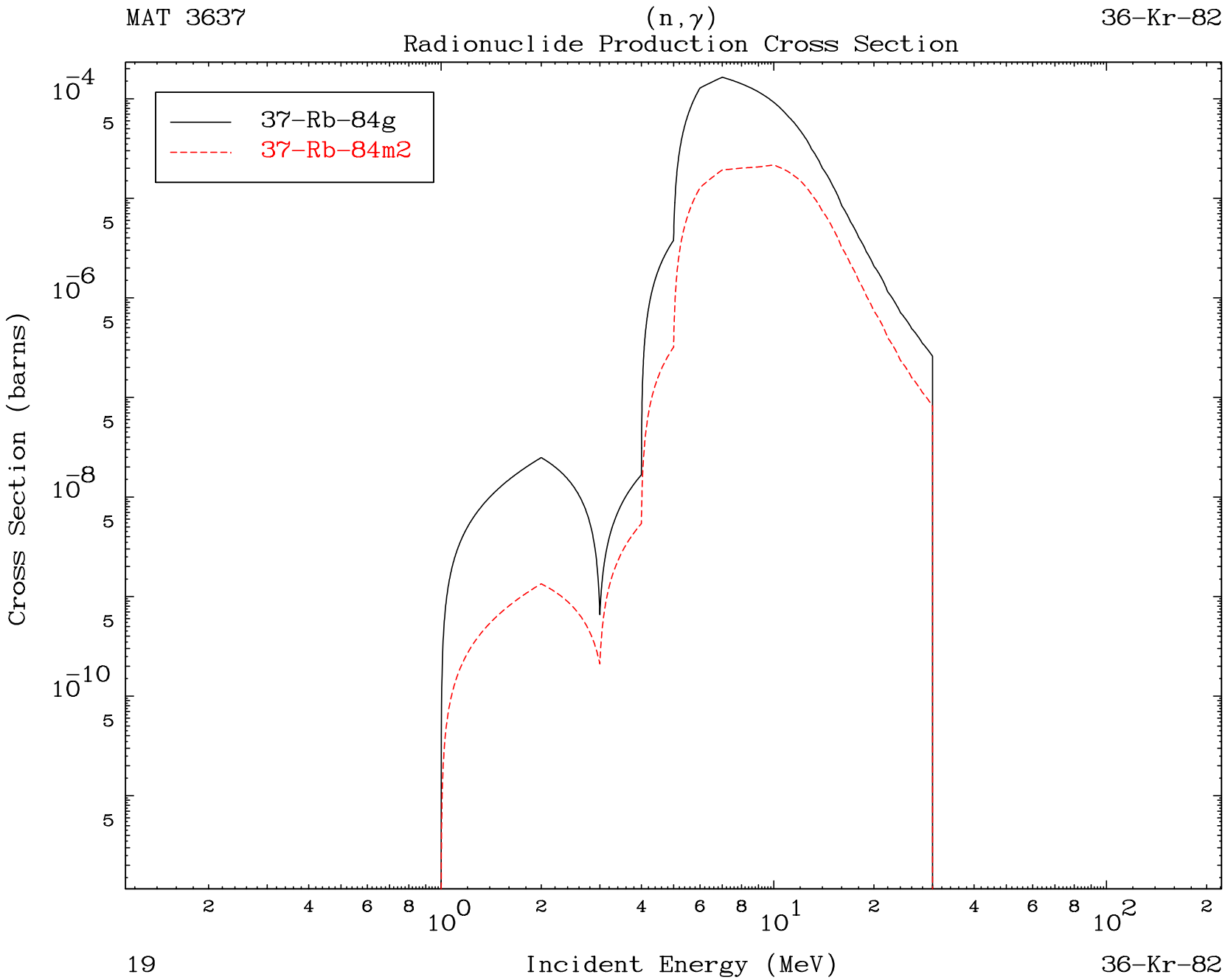

MAT 3637
(n,n') α
36-Kr-82
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
Incident Energy (MeV)
14
36-Kr-82

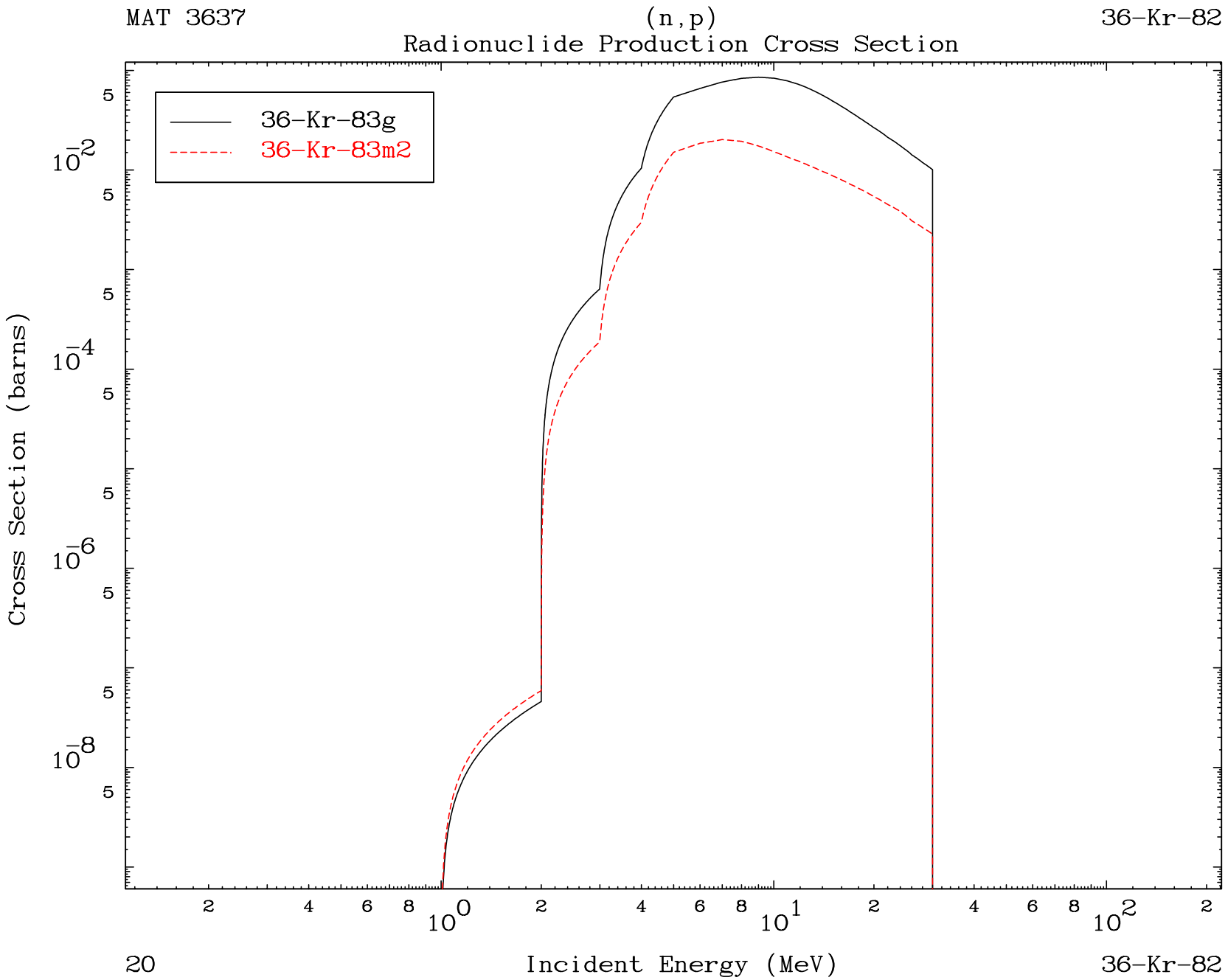

MAT 3637
(n,3n) α
36-Kr-82
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
Incident Energy (MeV)
15
36-Kr-82

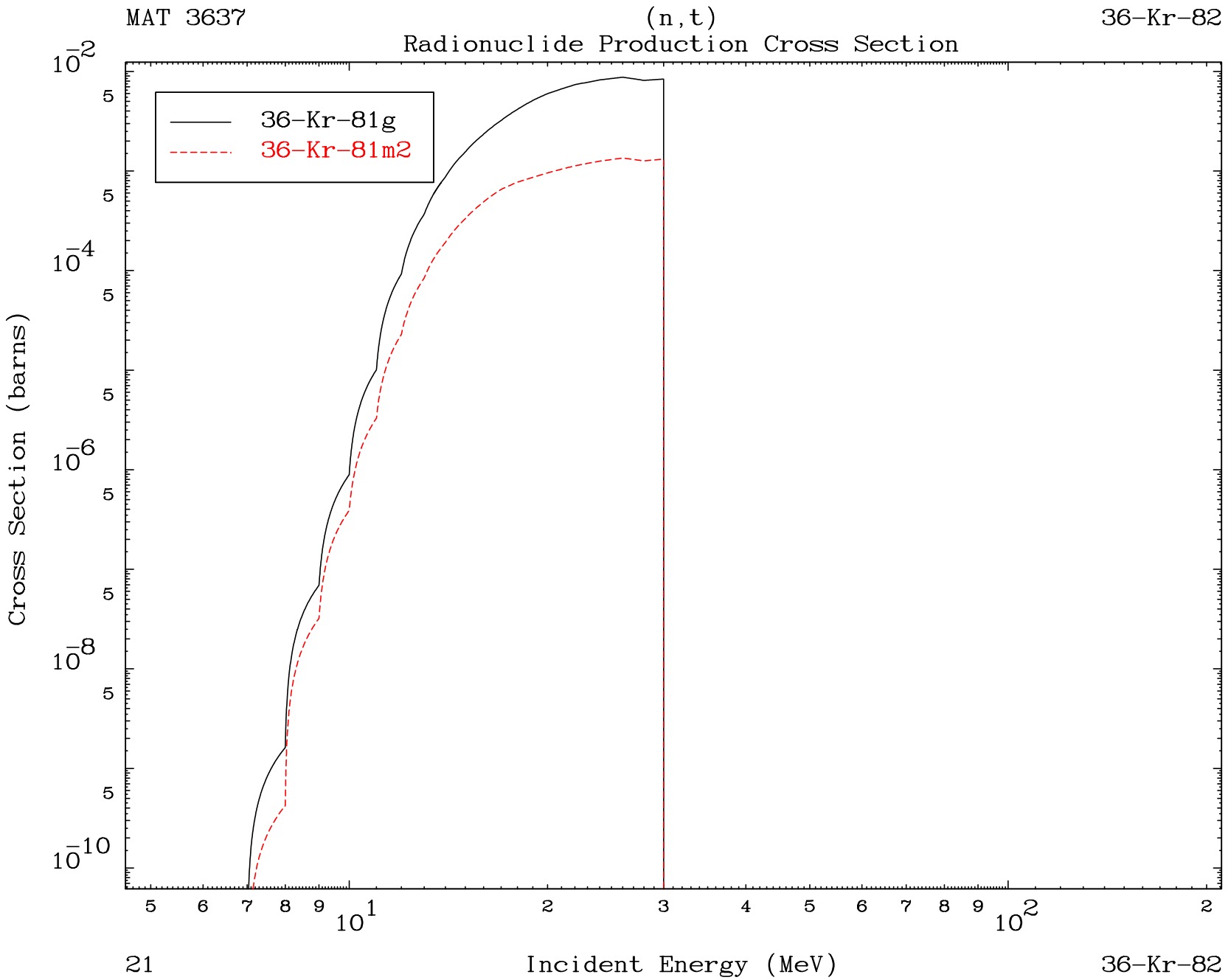

MAT 3637
(n,n') d
36-Kr-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
16
36-Kr-82

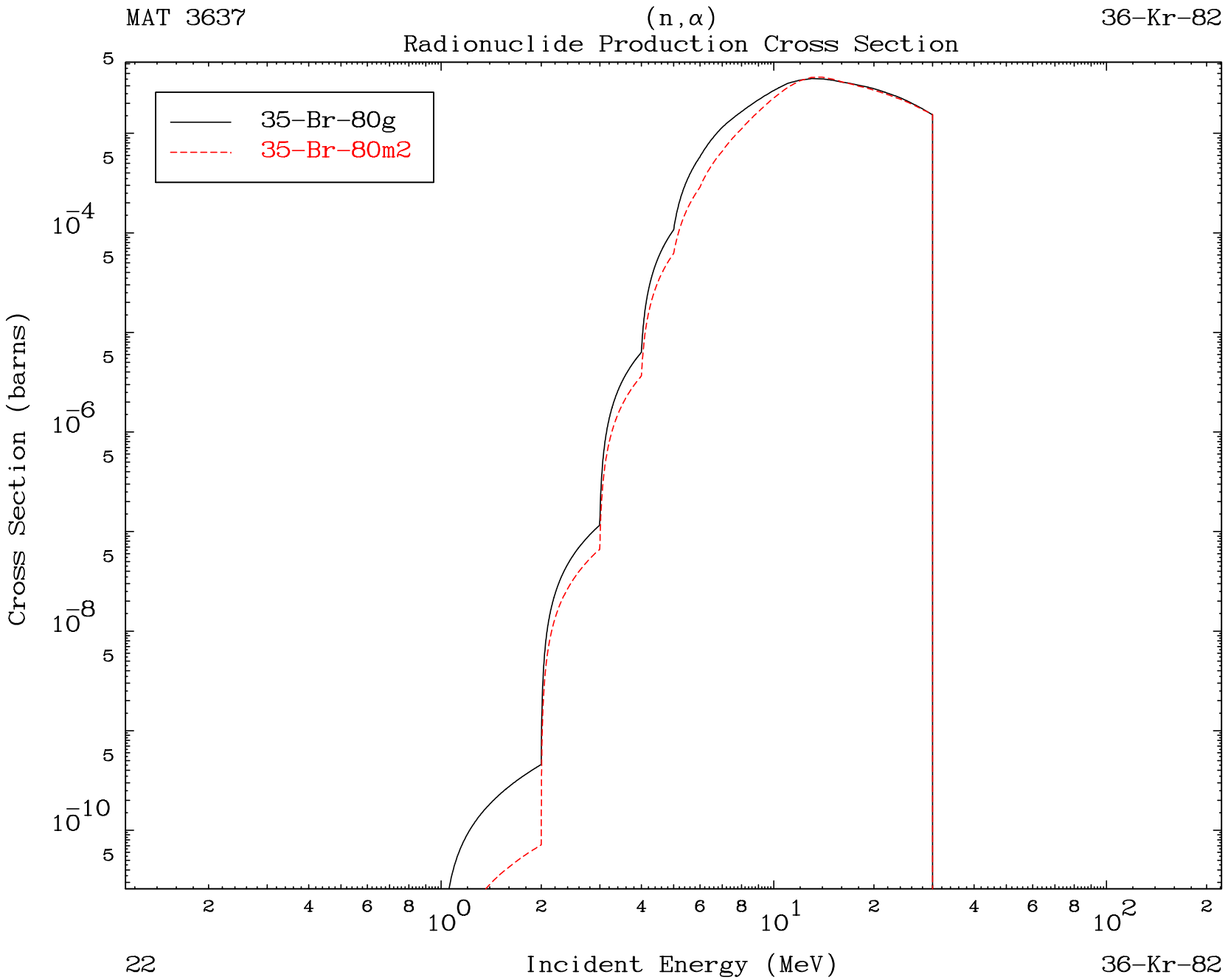

MAT 3637
(n,n') He-3
36-Kr-82
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
17
36-Kr-82

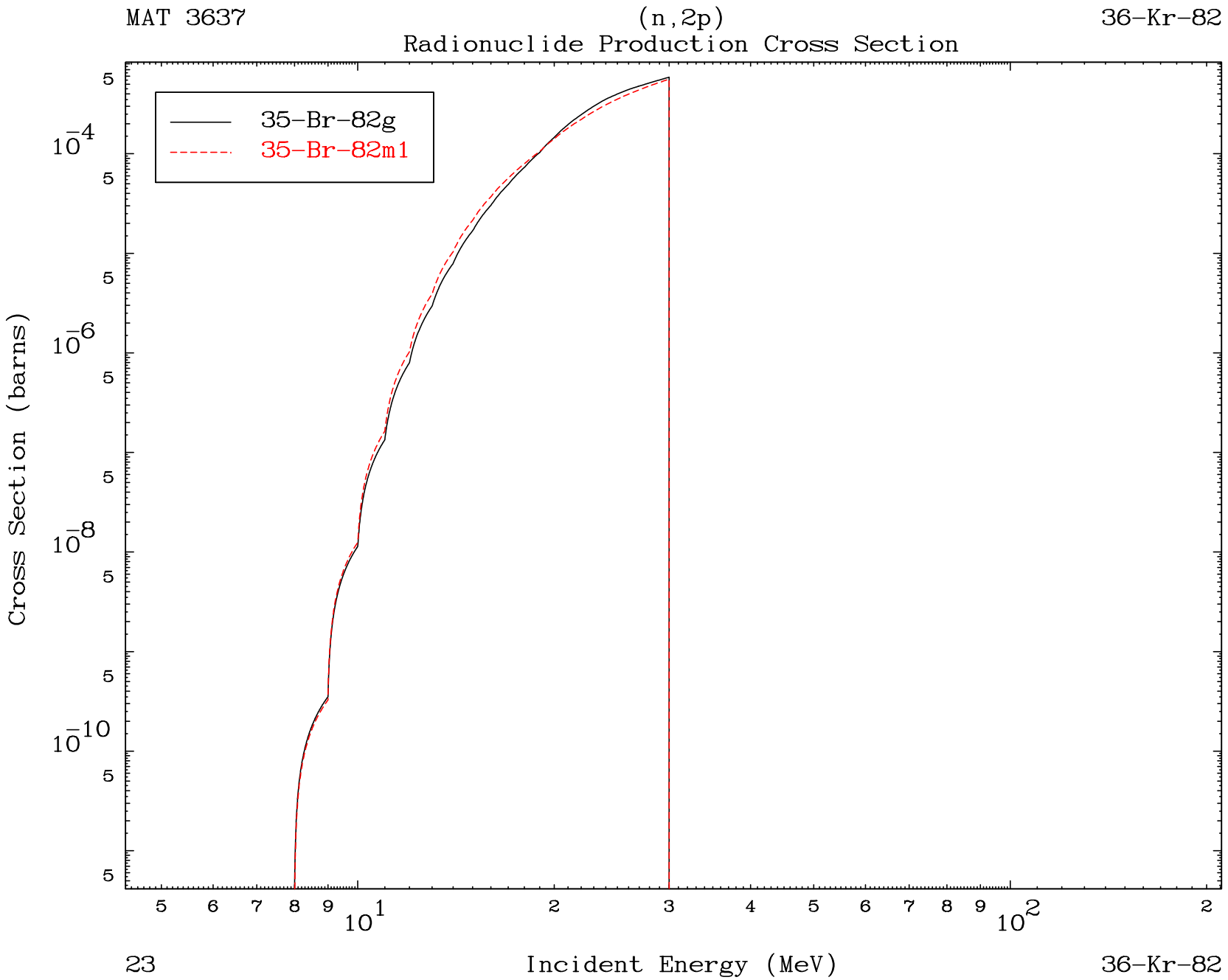

MAT 3637
(n,2n) p
36-Kr-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
36-Kr-82

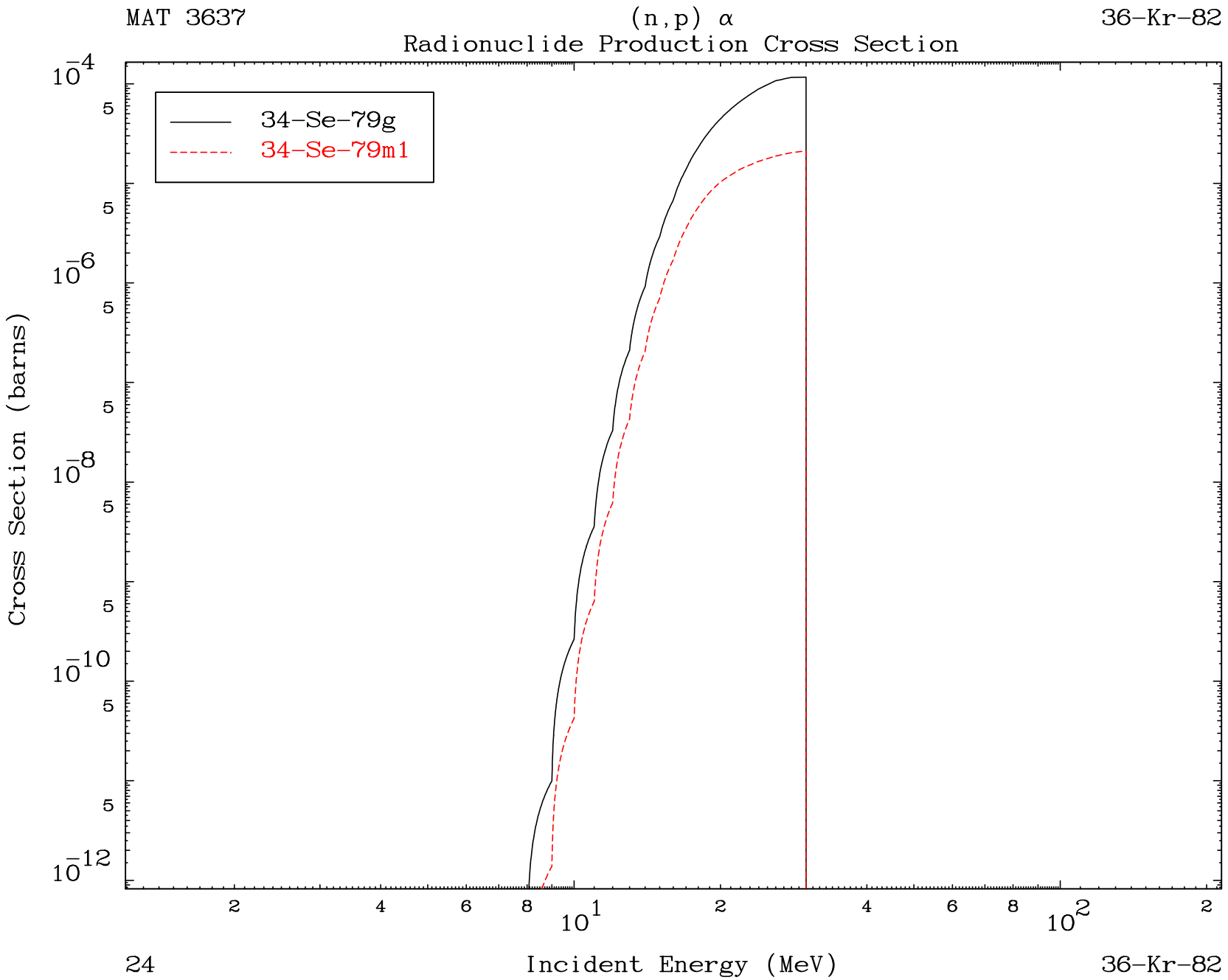

MAT 3637
(n,γ)
36-Kr-82
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
19
36-Kr-82

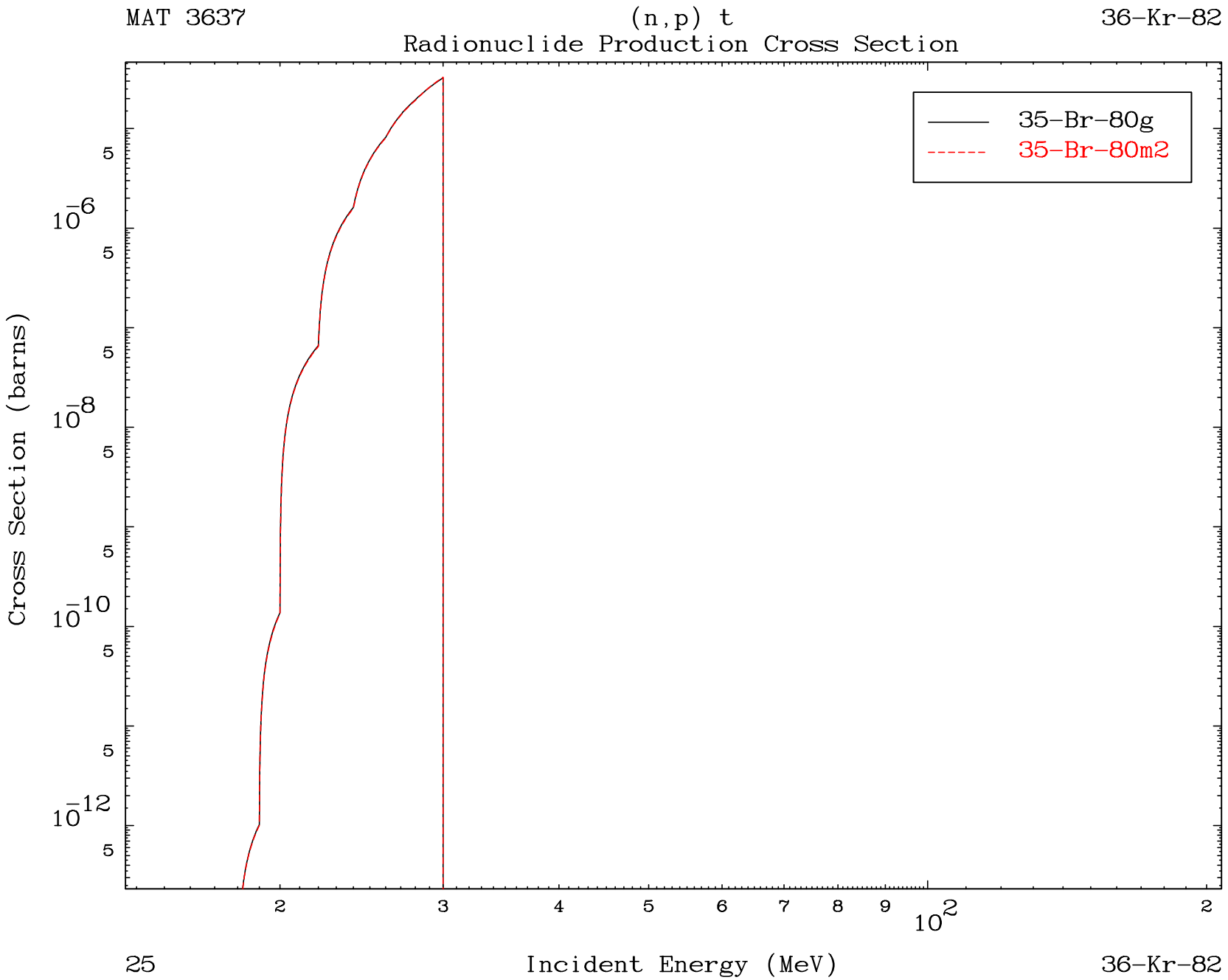

MAT 3637
(n,p)
36-Kr-82
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
20
36-Kr-82


MAT 3637
(n,t)
36-Kr-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
21
36-Kr-82


MAT 3637
(n,α)
36-Kr-82
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
22
36-Kr-82


MAT 3637
(n,2p)
36-Kr-82
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
23
36-Kr-82


MAT 3637
(n,p) α
36-Kr-82
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
24
36-Kr-82


MAT 3637
(n,p) t
36-Kr-82
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
25
Incident Energy (MeV)
36-Kr-82