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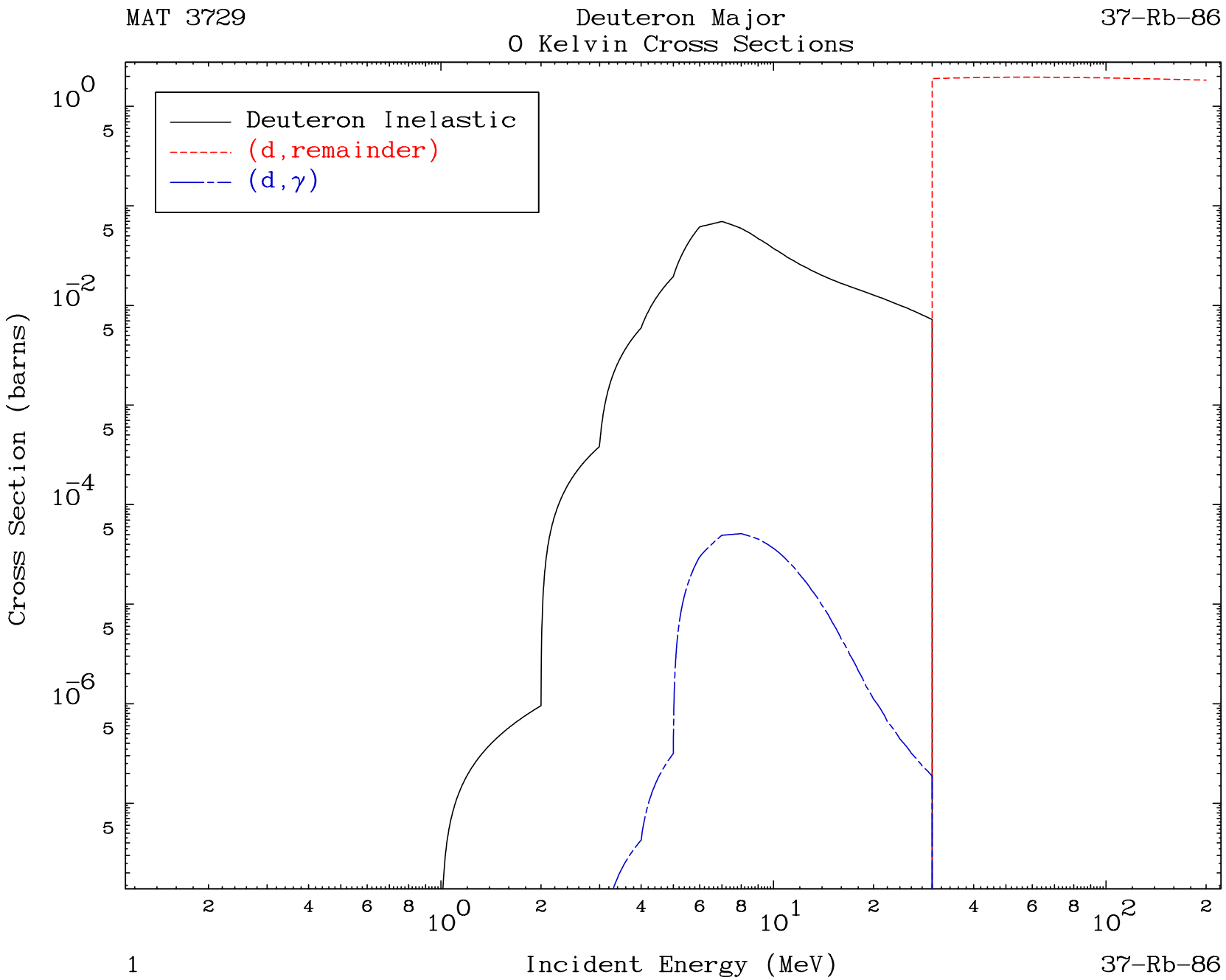
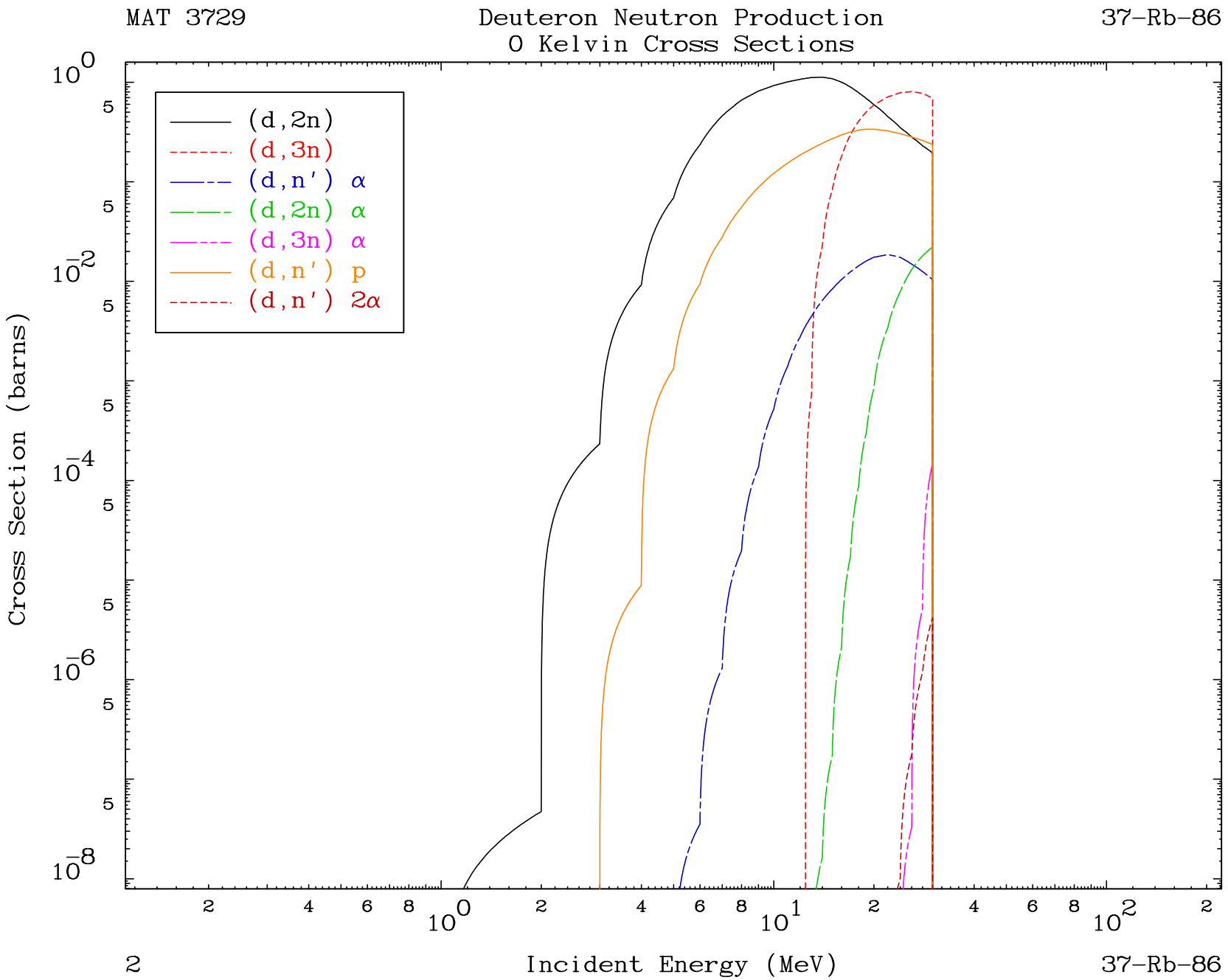
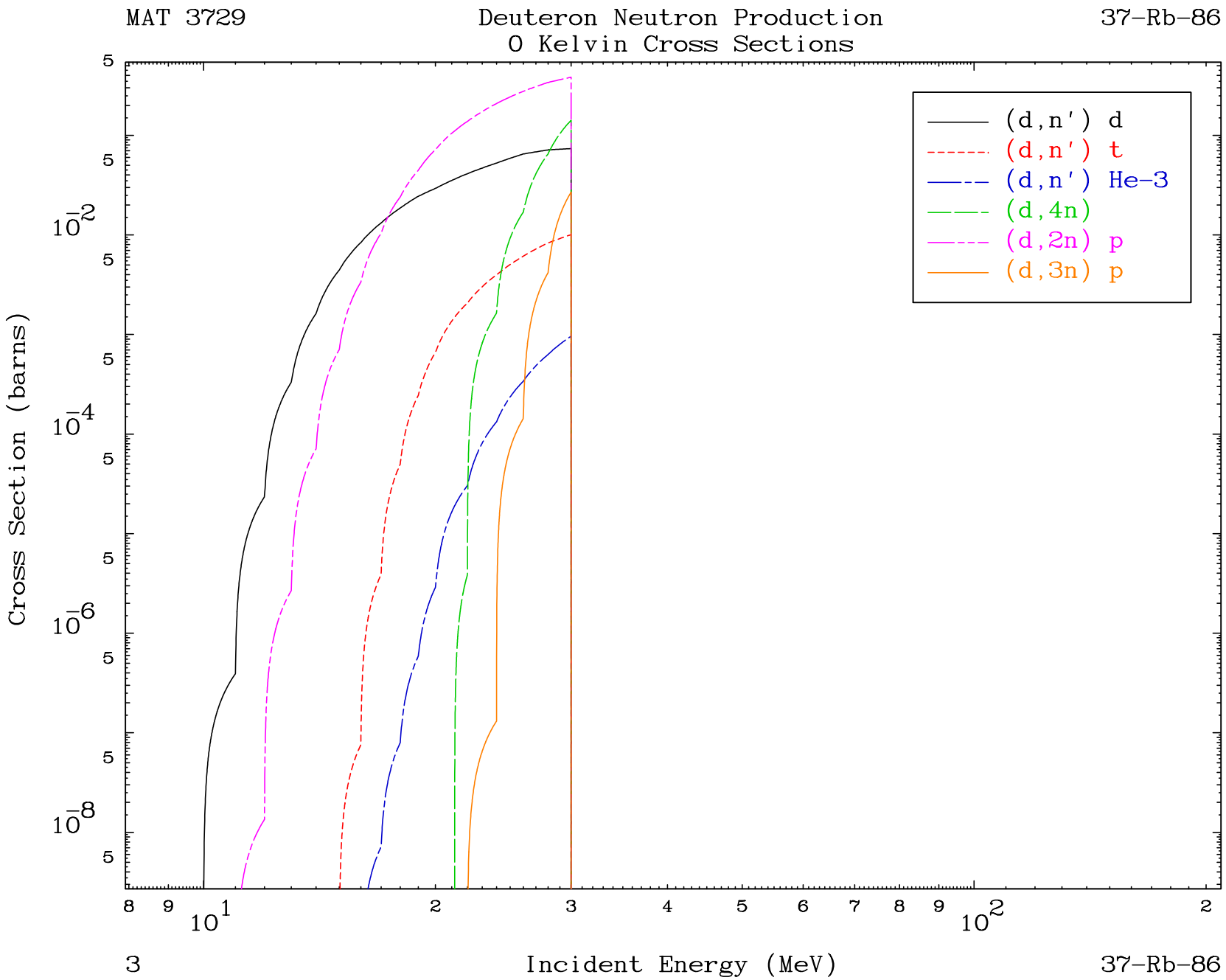
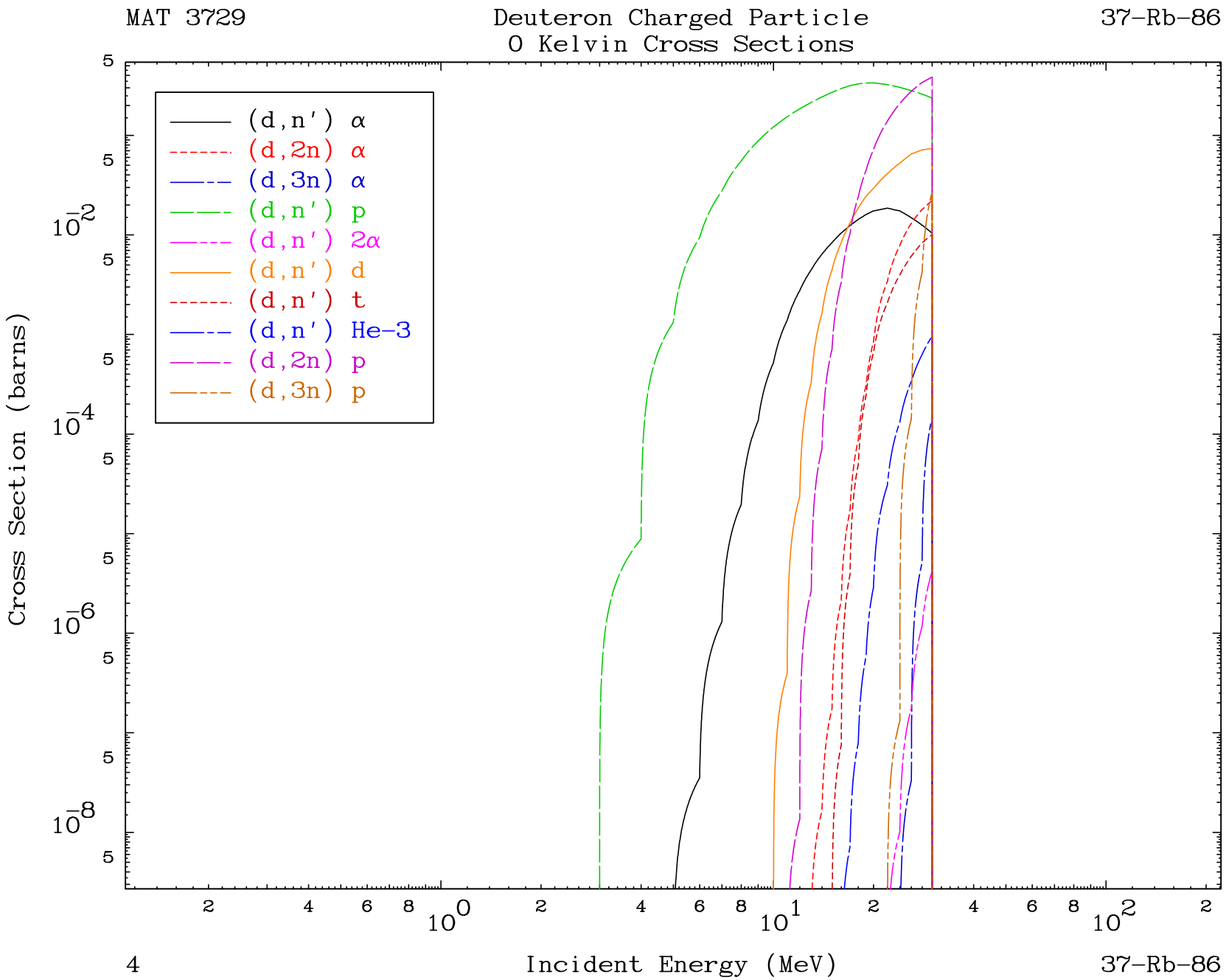
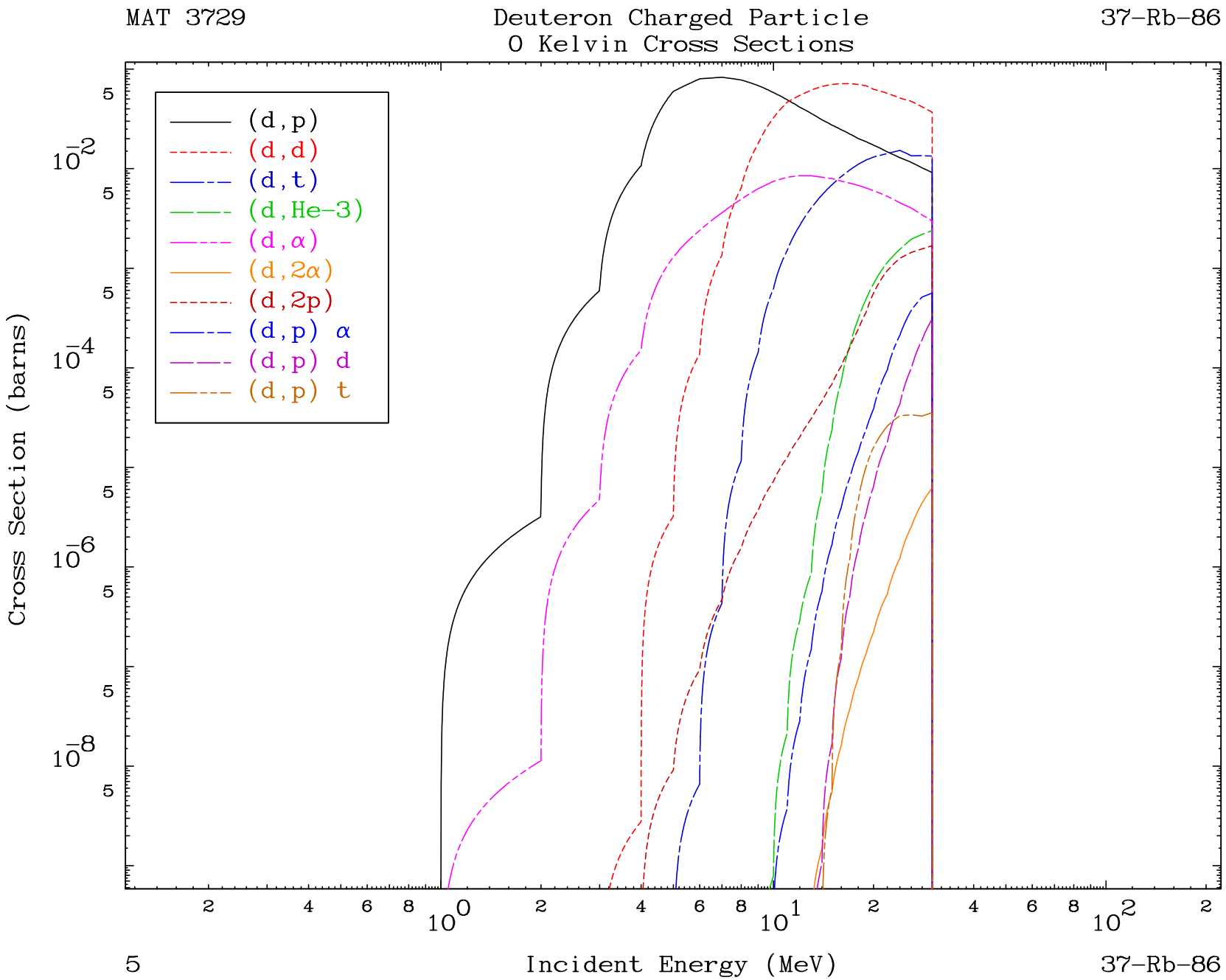
Press Mouse Button to Start

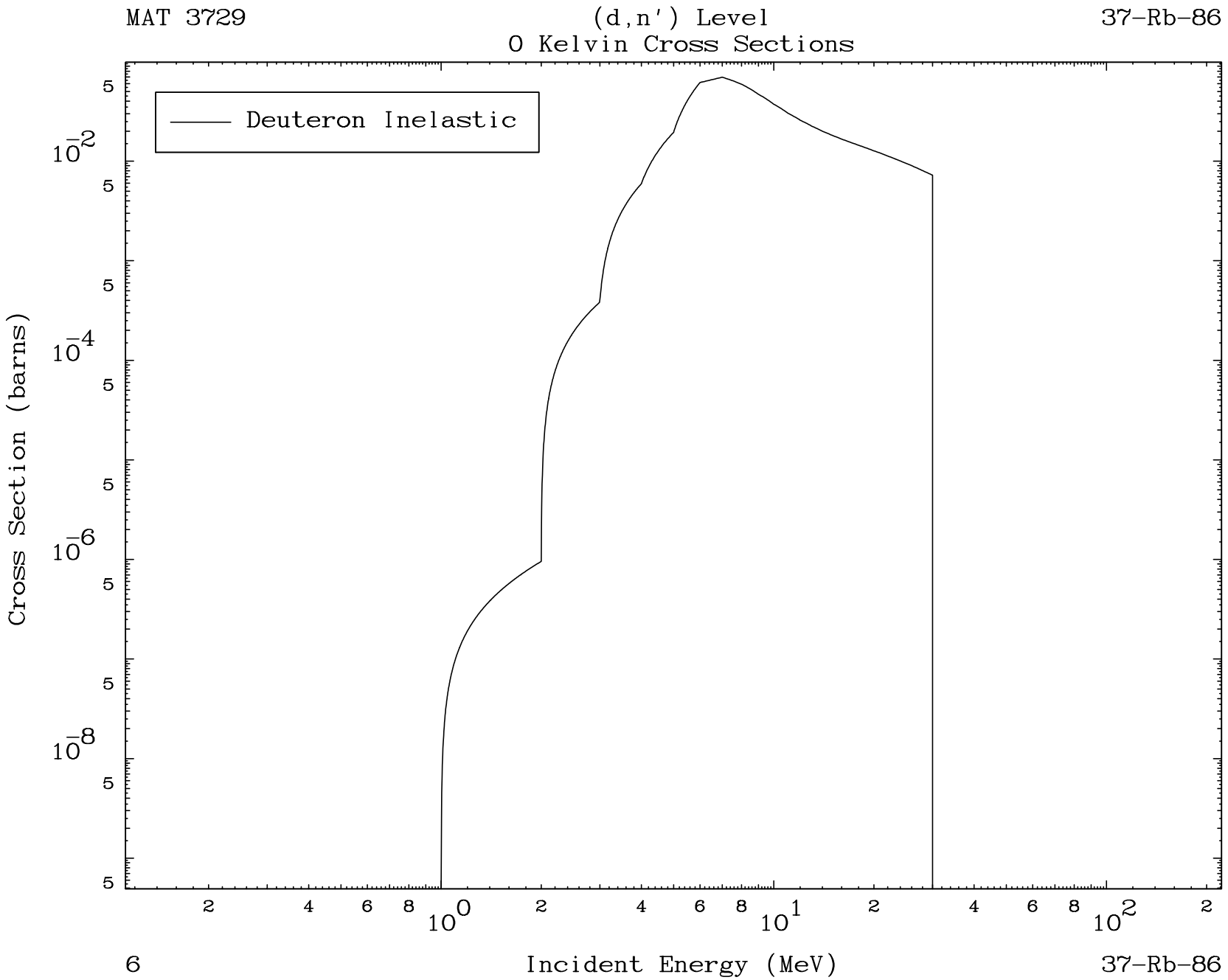

MAT 3729
Deuteron Major
37-Rb-86
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-86
1

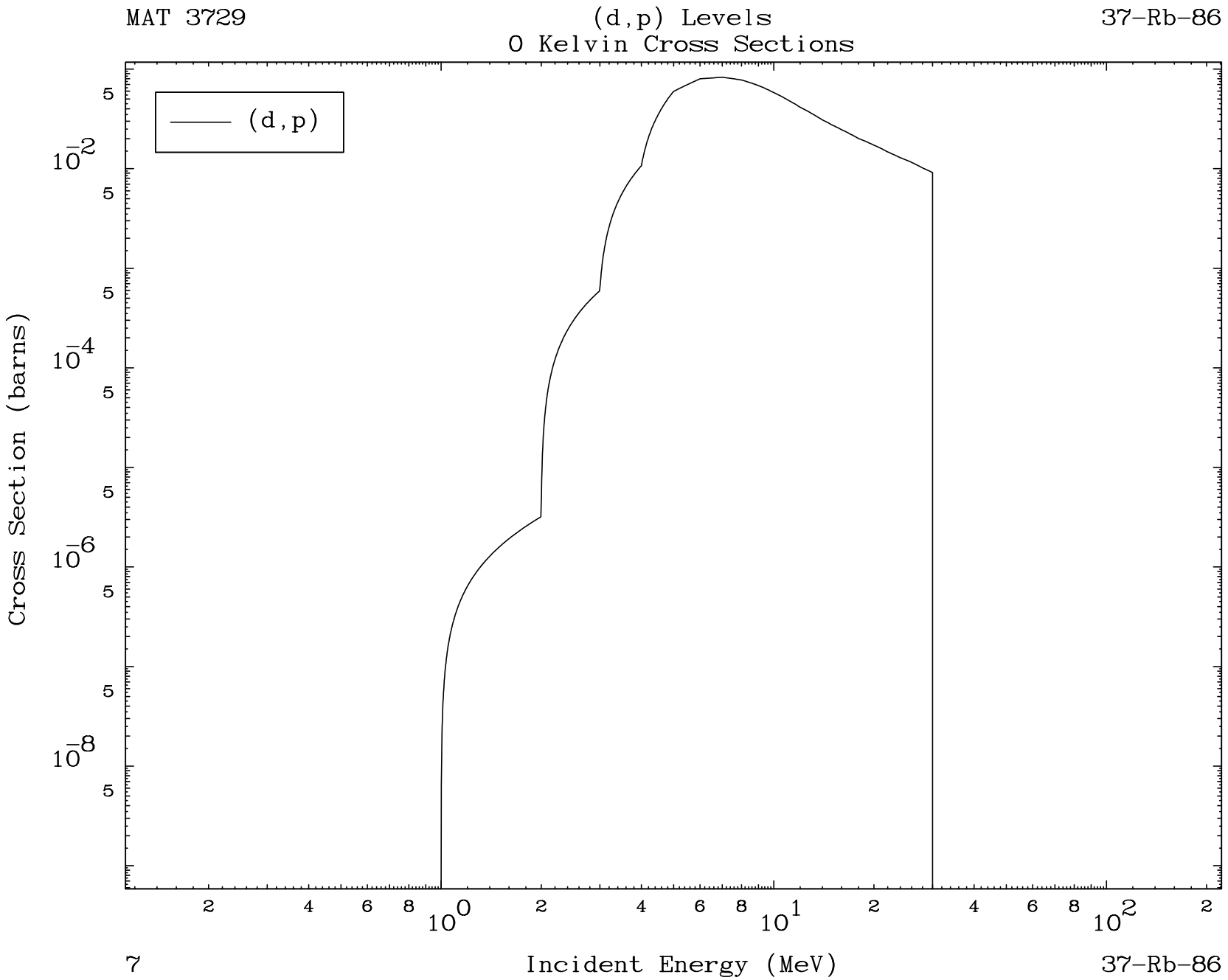

MAT 3729
Deuteron Neutron Production
0 Kelvin Cross Sections
37-Rb-86
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
37-Rb-86

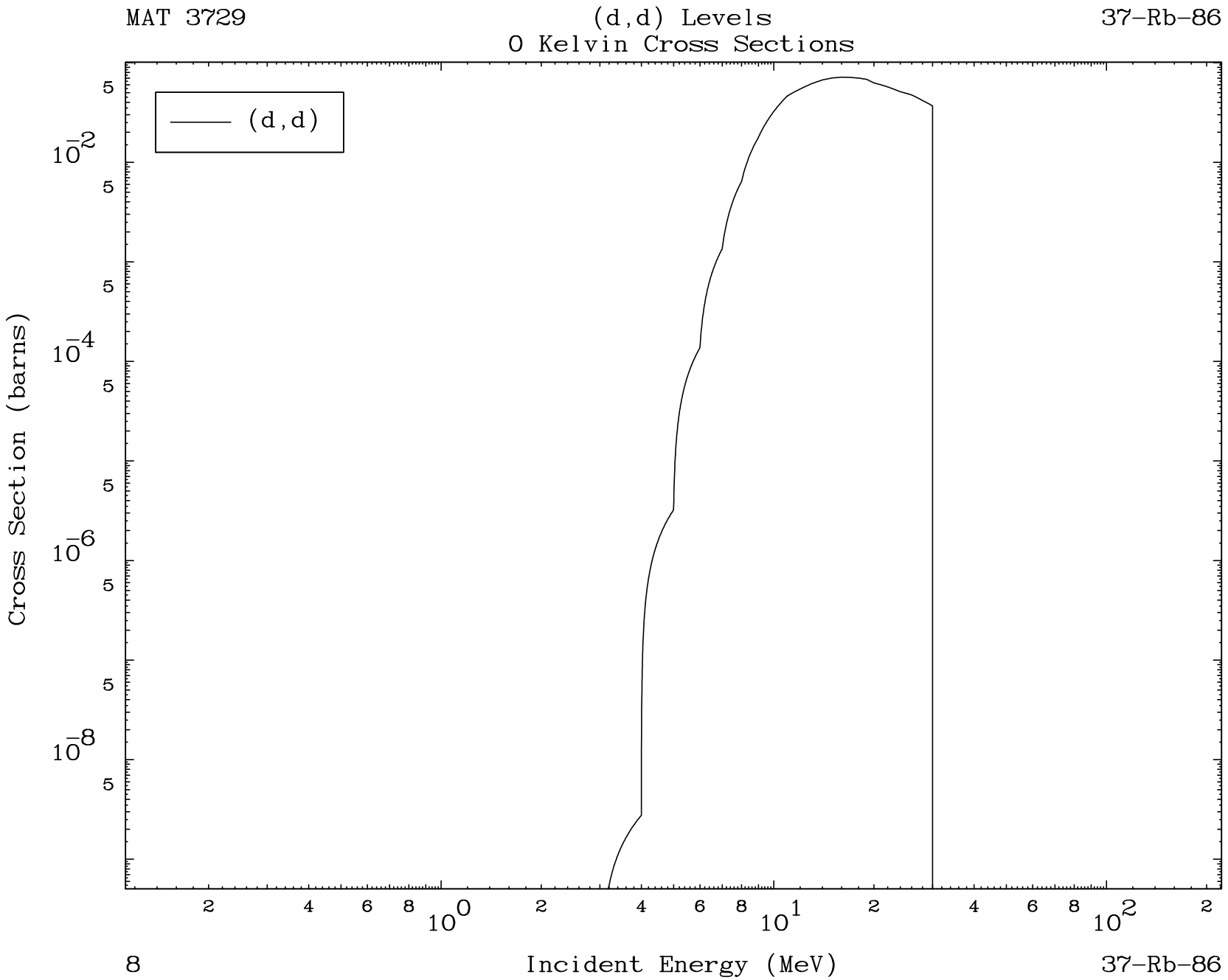

MAT 3729
Deuteron Neutron Production
0 Kelvin Cross Sections
37-Rb-86
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-86

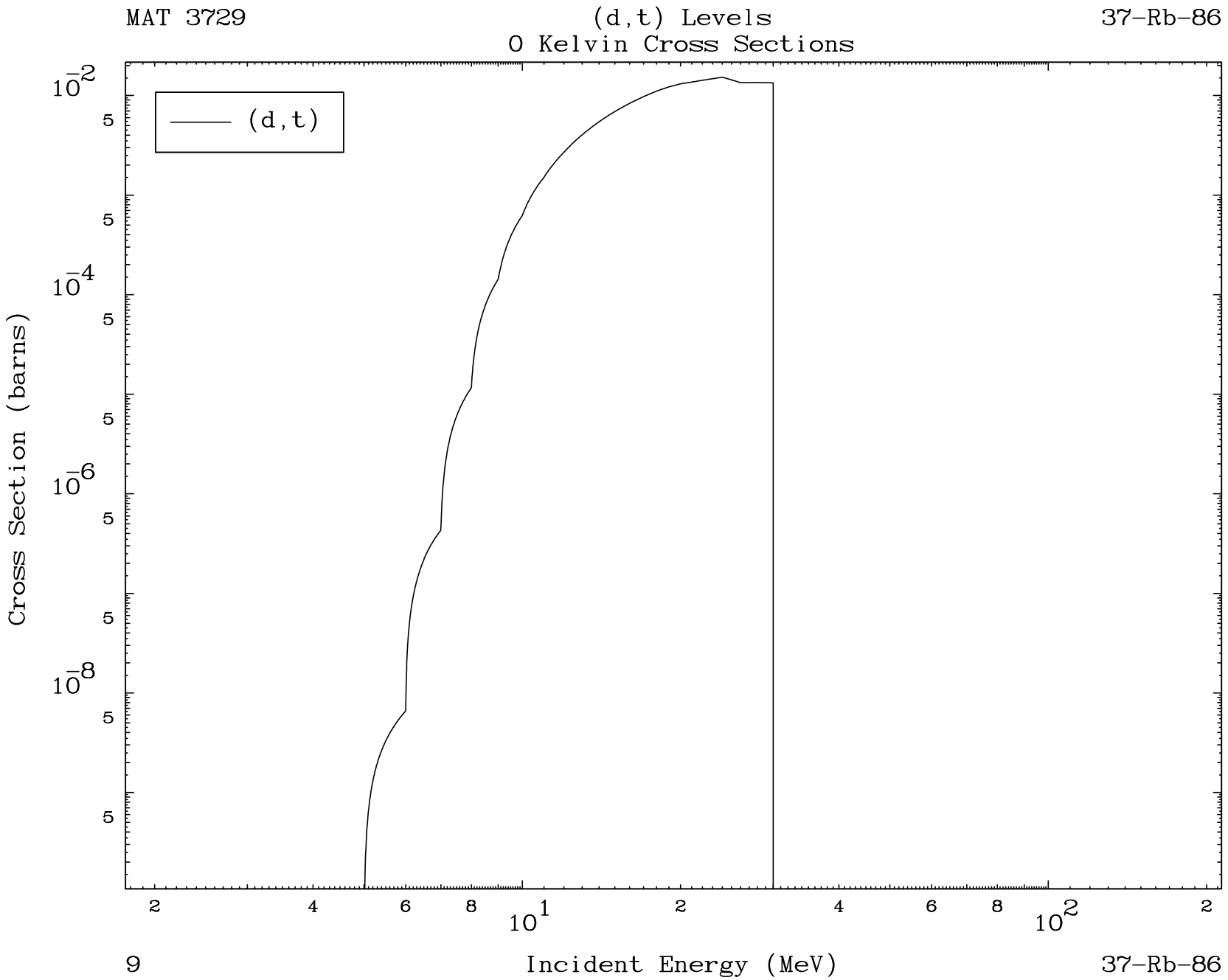

MAT 3729
Deuteron Charged Particle
0 Kelvin Cross Sections
37-Rb-86
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-86

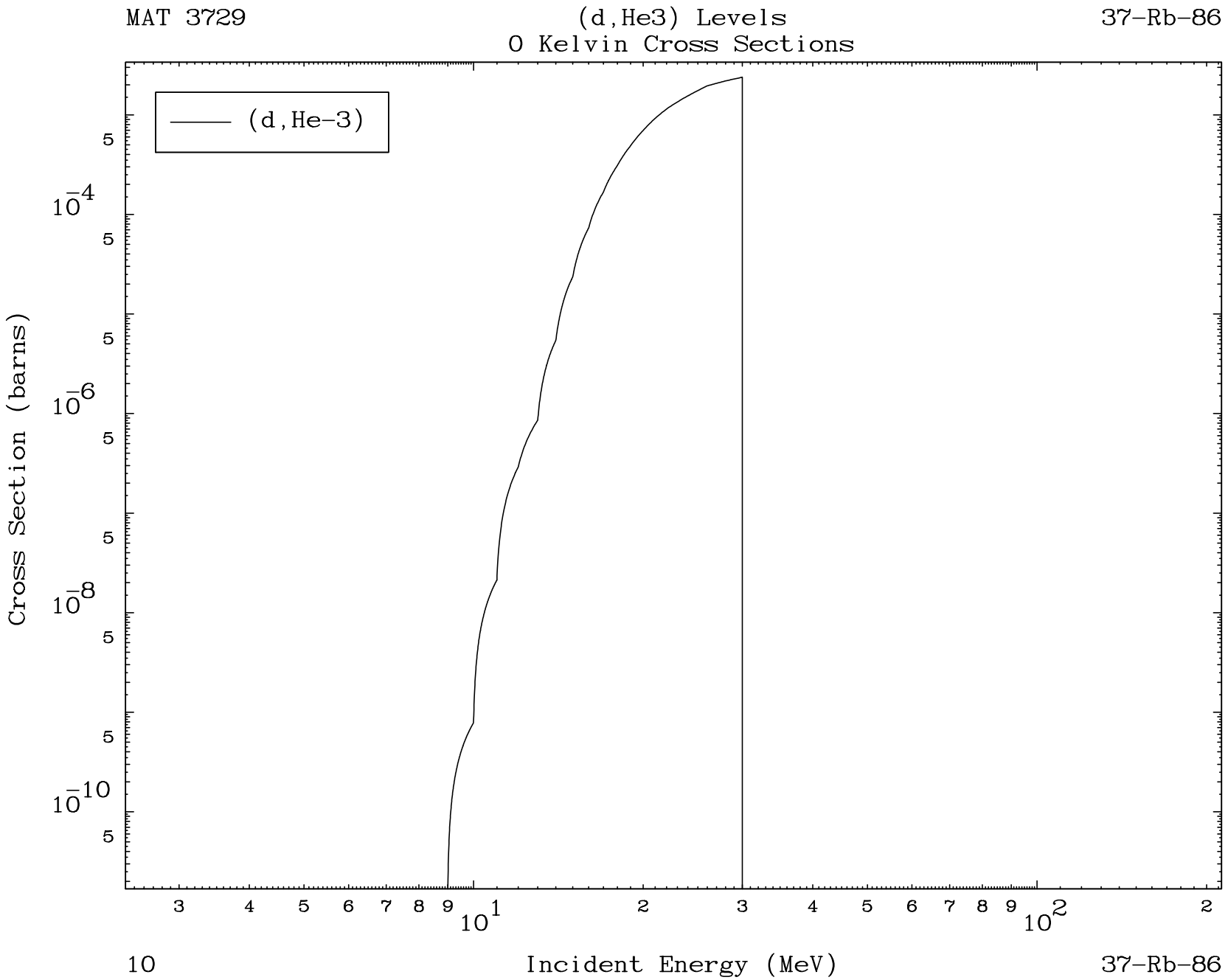

MAT 3729
Deuteron Charged Particle
0 Kelvin Cross Sections
37-Rb-86
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
5
37-Rb-86

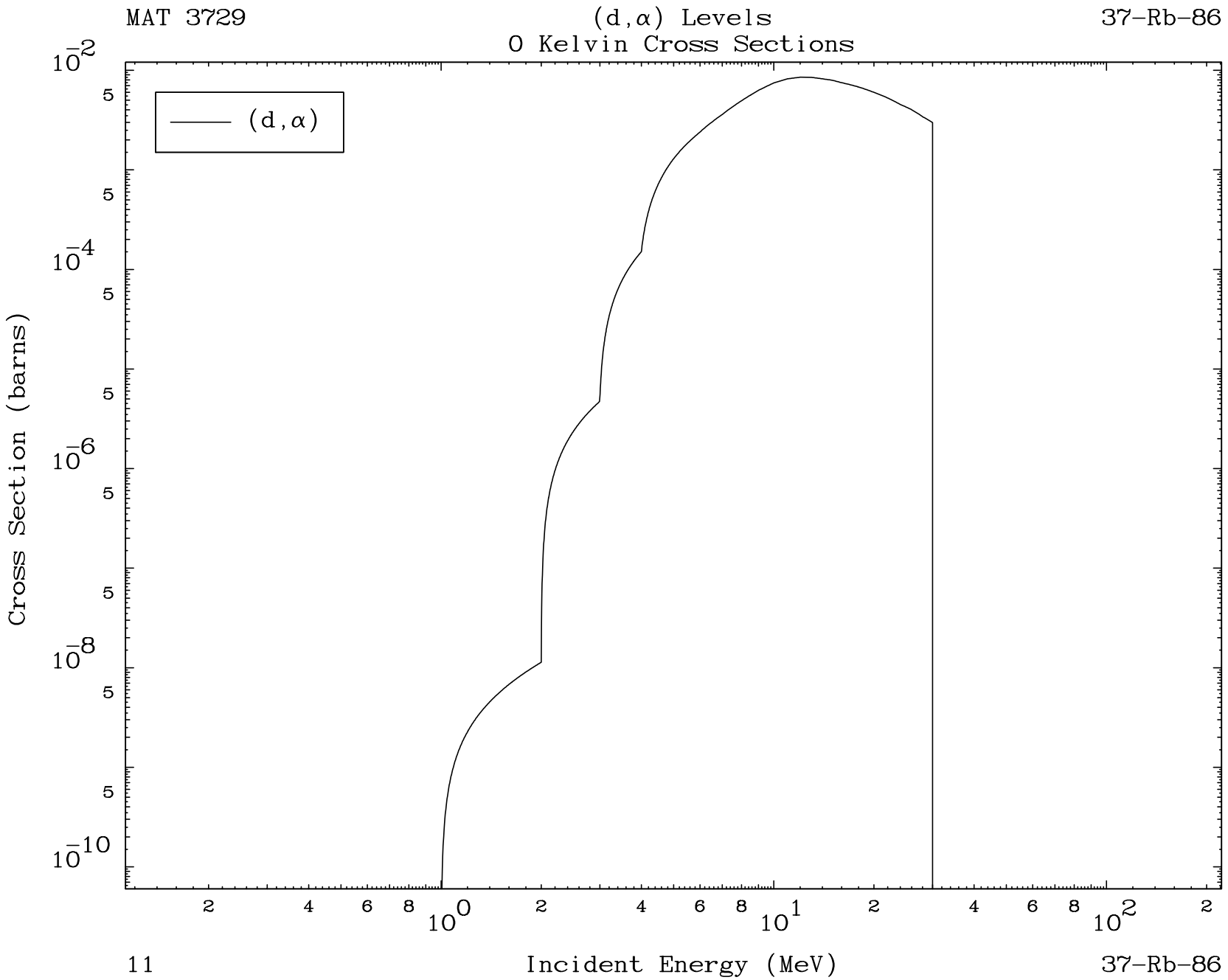

MAT 3729
(d,n') Level
37-Rb-86
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
6
37-Rb-86

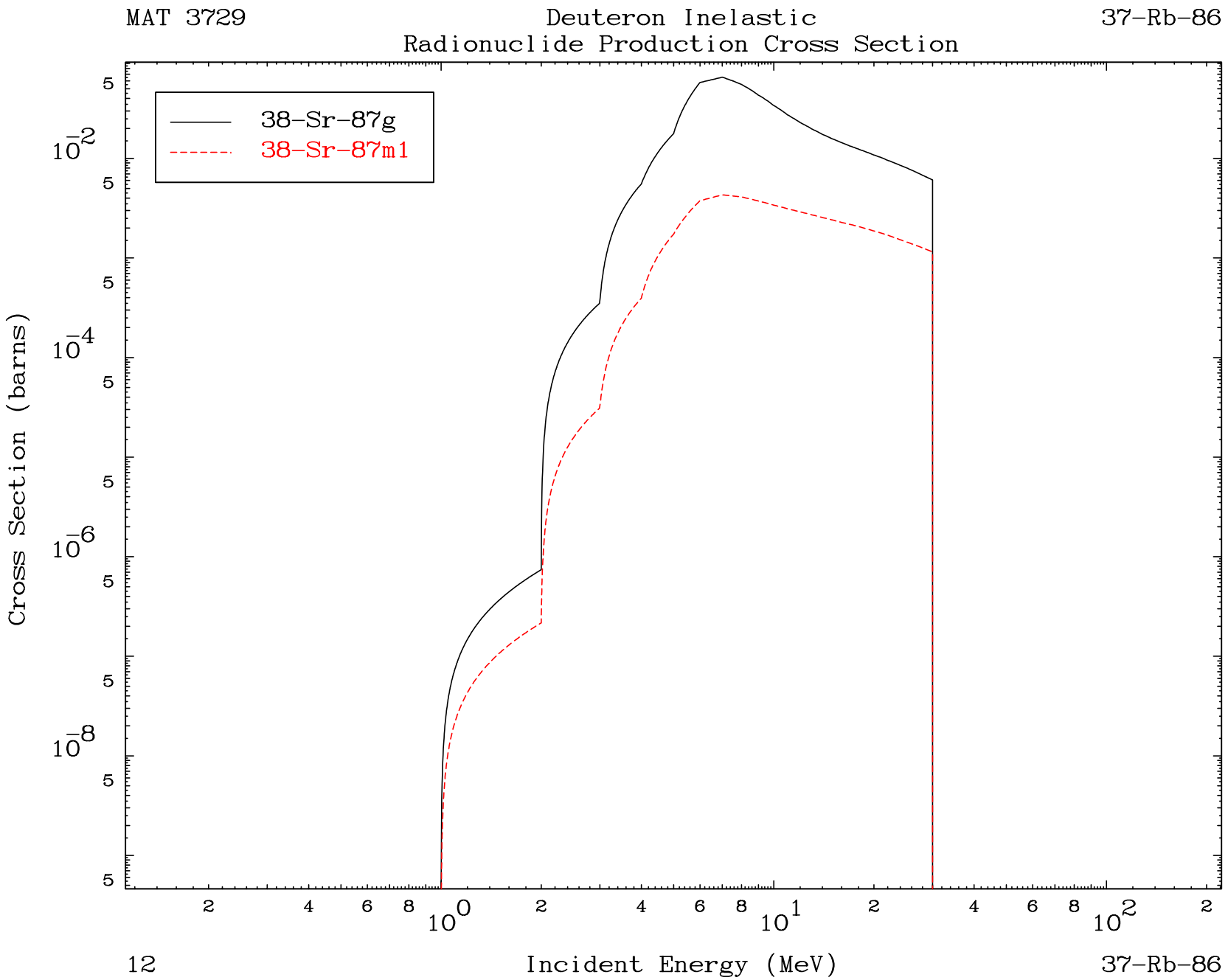

MAT 3729
(d,p) Levels
37-Rb-86
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
37-Rb-86

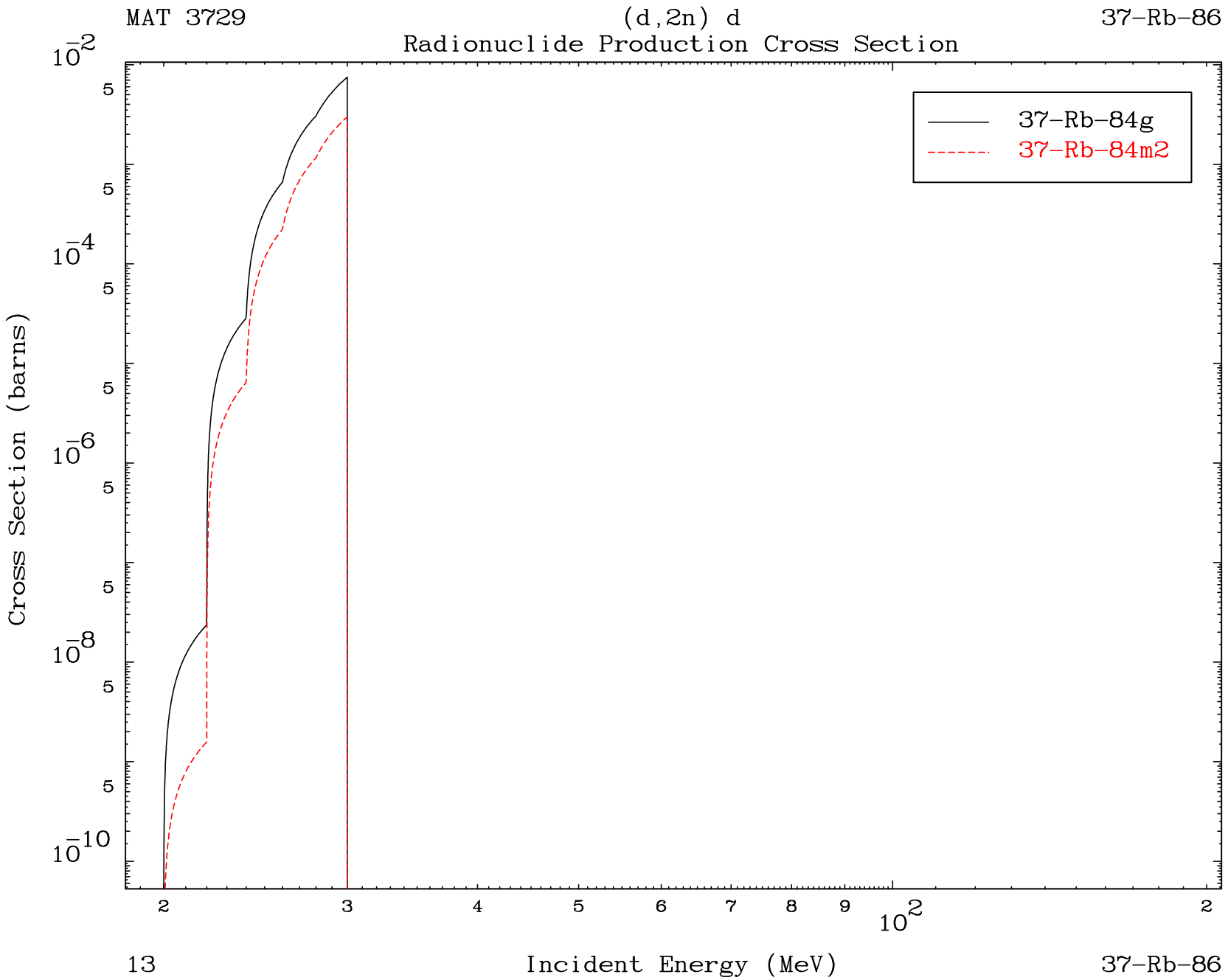

MAT 3729
(d,d) Levels
37-Rb-86
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
37-Rb-86

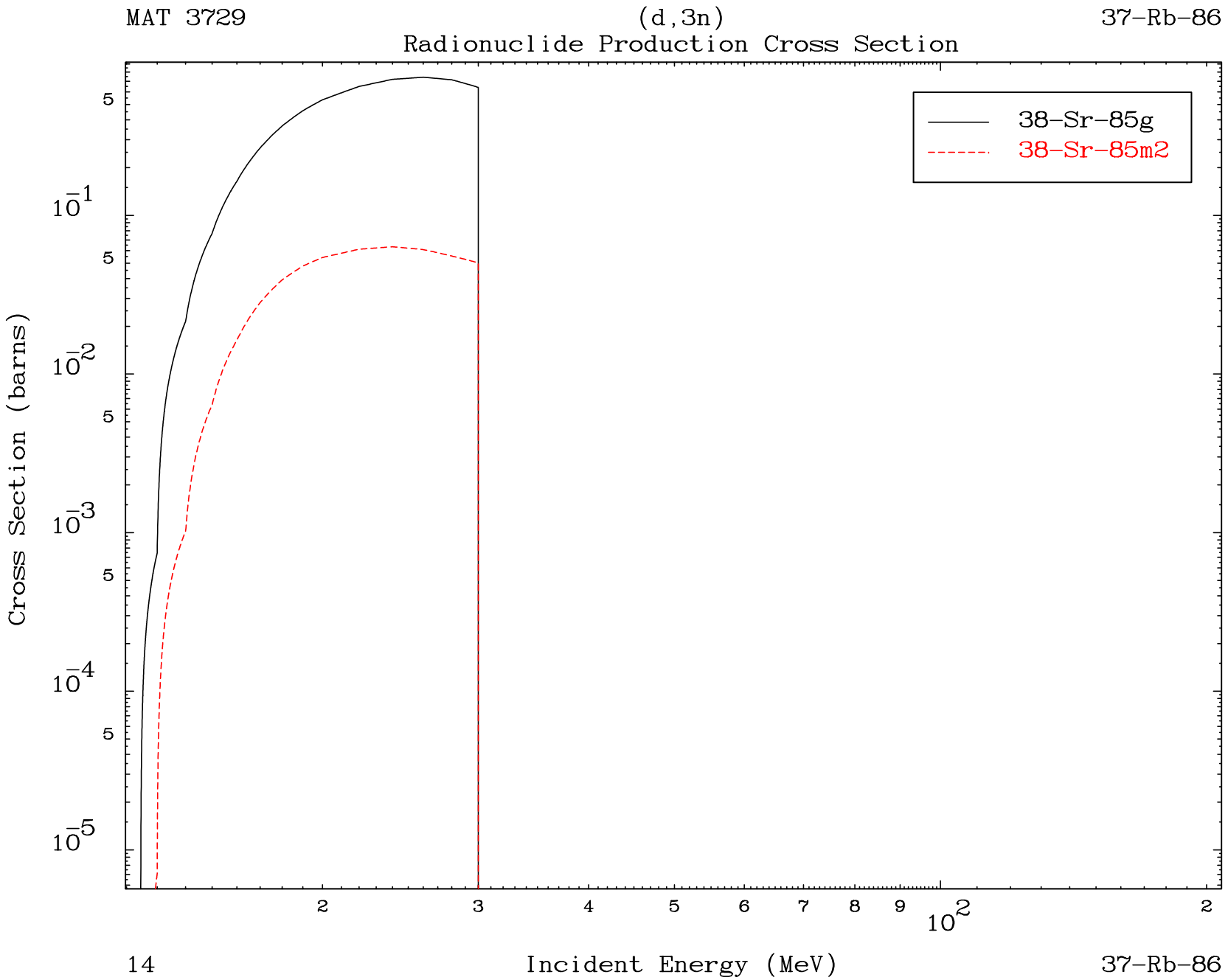

MAT 3729
(d,t) Levels
37-Rb-86
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
37-Rb-86

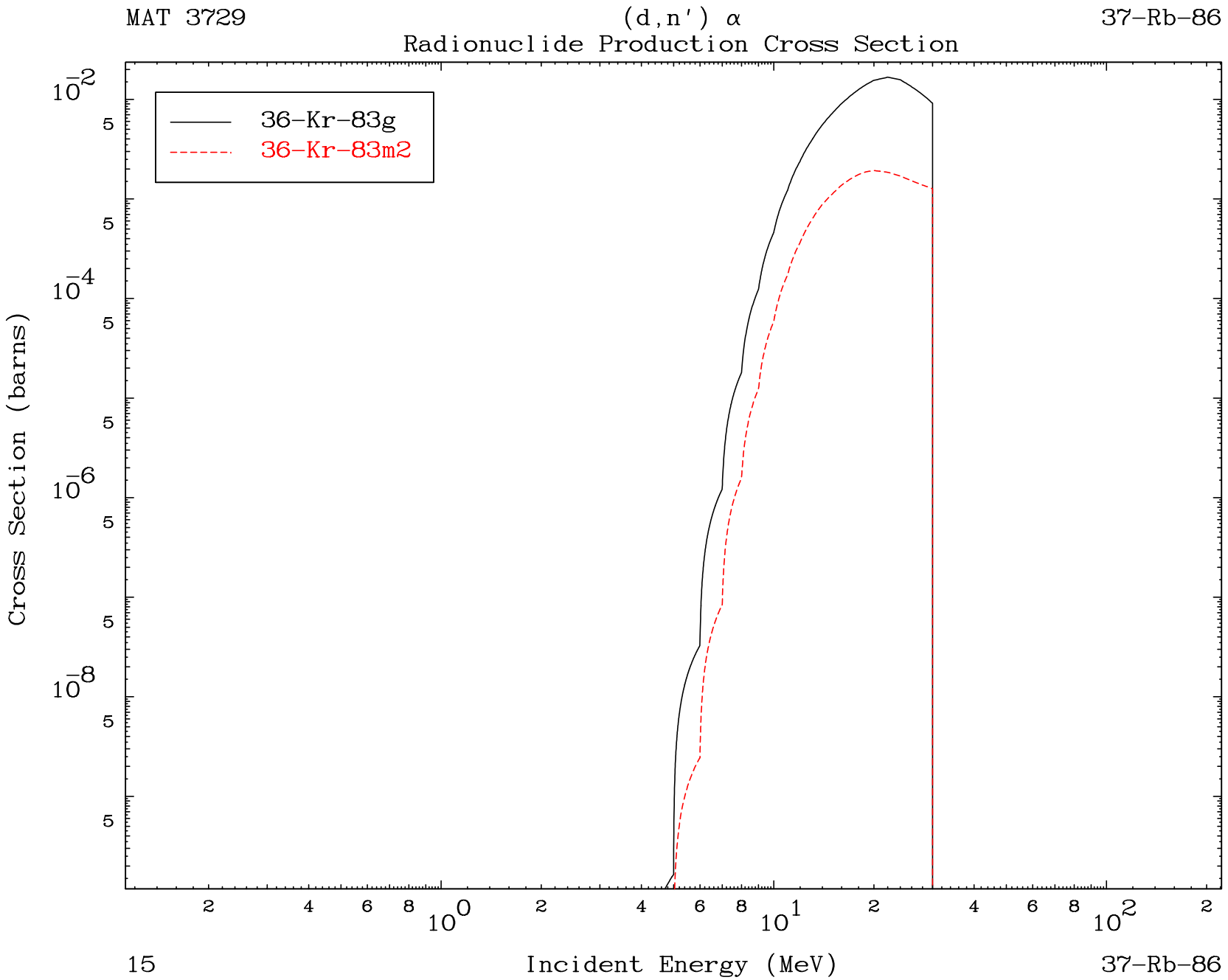

MAT 3729
(d,He3) Levels
37-Rb-86
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
10
Incident Energy (MeV)
37-Rb-86

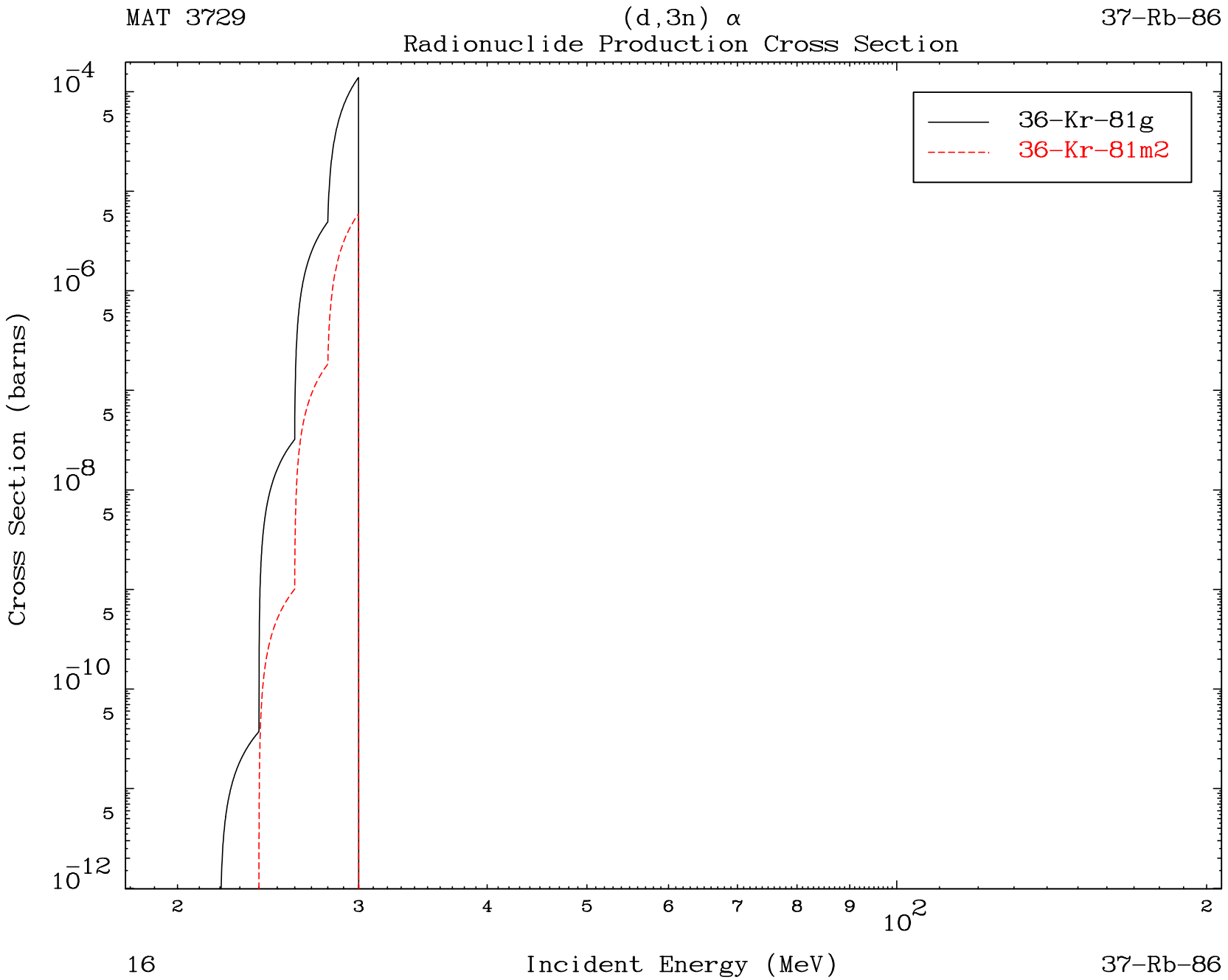

MAT 3729
(d,α) Levels
37-Rb-86
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
37-Rb-86

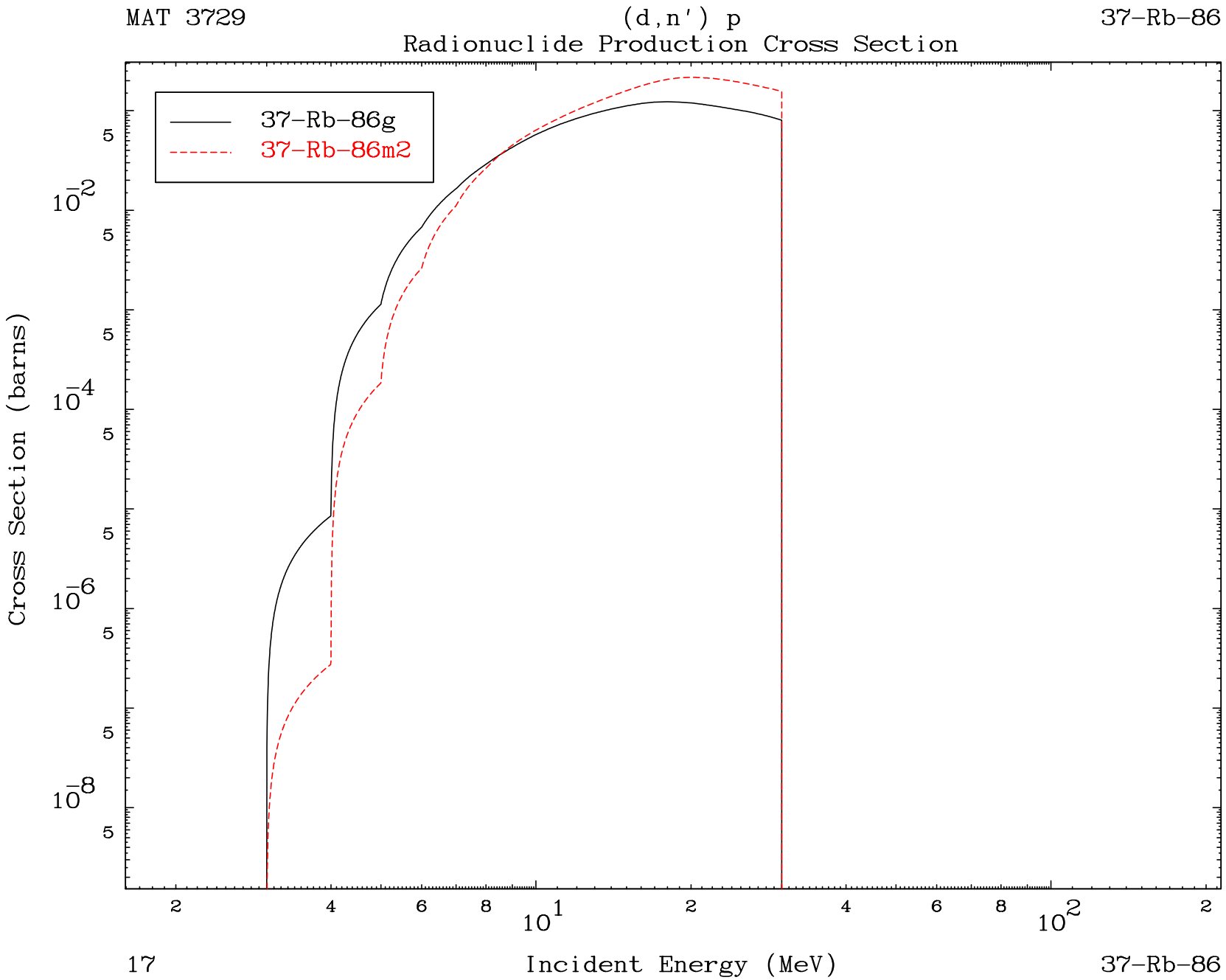

MAT 3729
Deuteron Inelastic
37-Rb-86
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
12
37-Rb-86

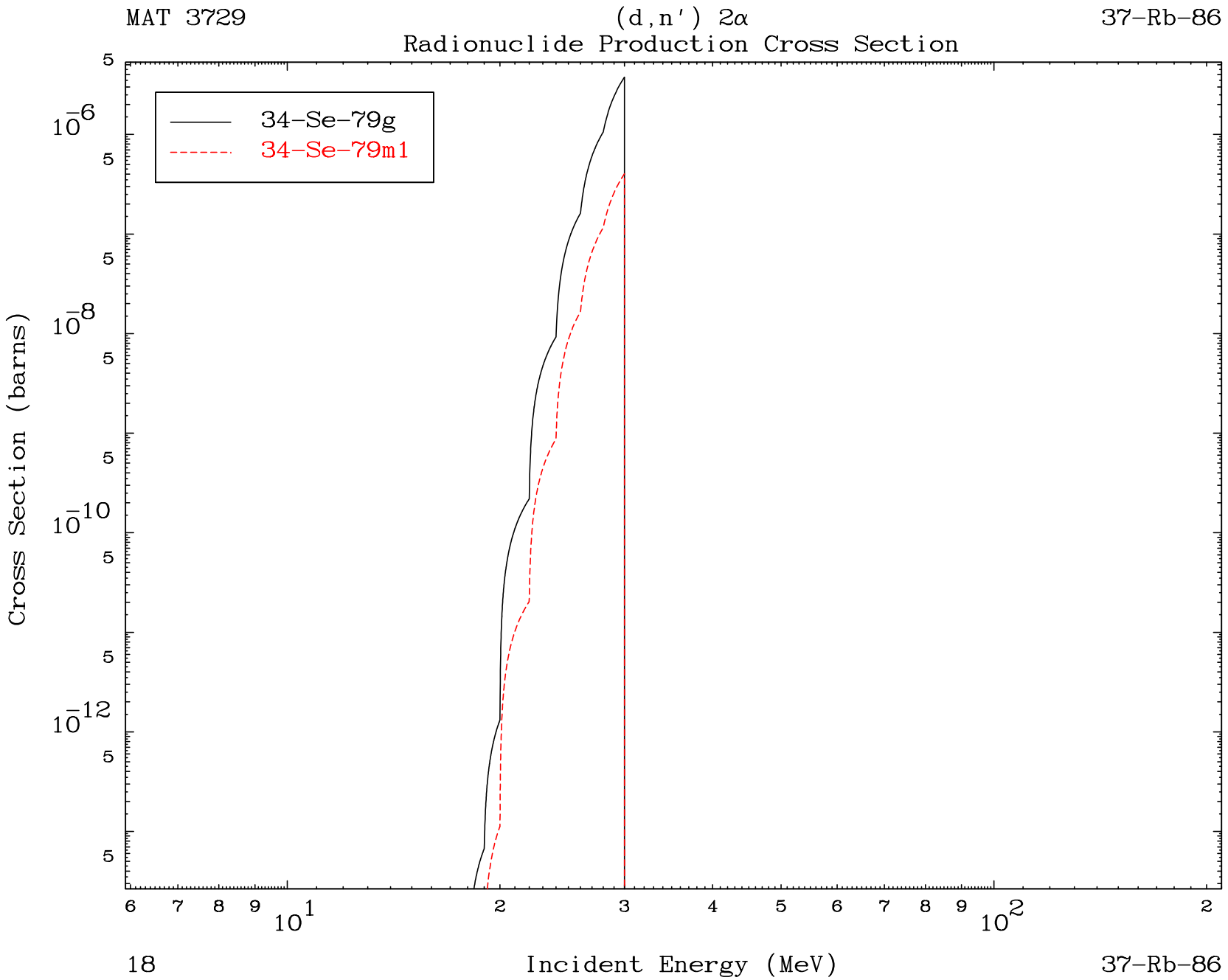

MAT 3729
(d,2n) d
37-Rb-86
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
13
37-Rb-86

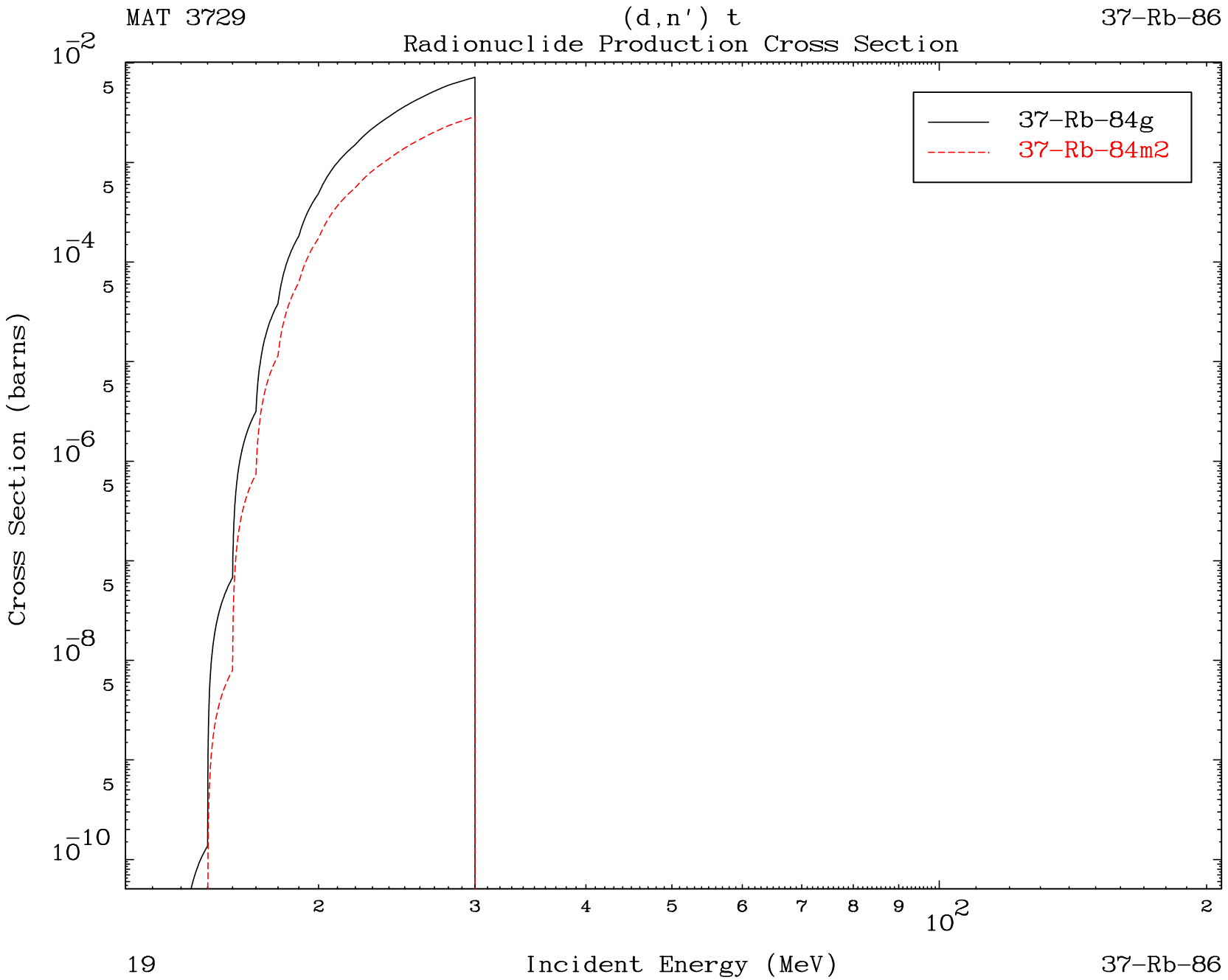

MAT 3729
(d,3n)
37-Rb-86
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
14
37-Rb-86

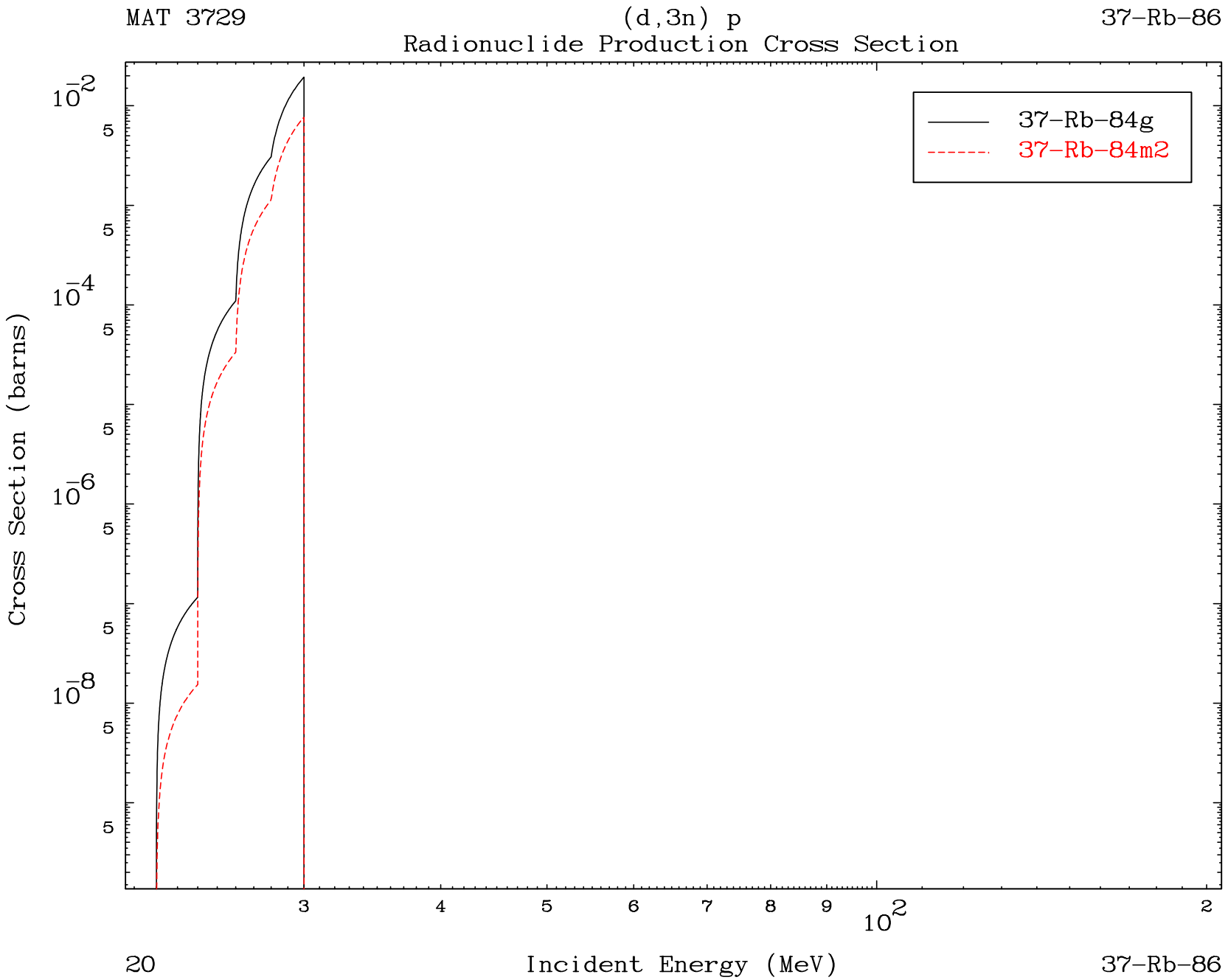

MAT 3729
(d,n') α
37-Rb-86
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
15
37-Rb-86

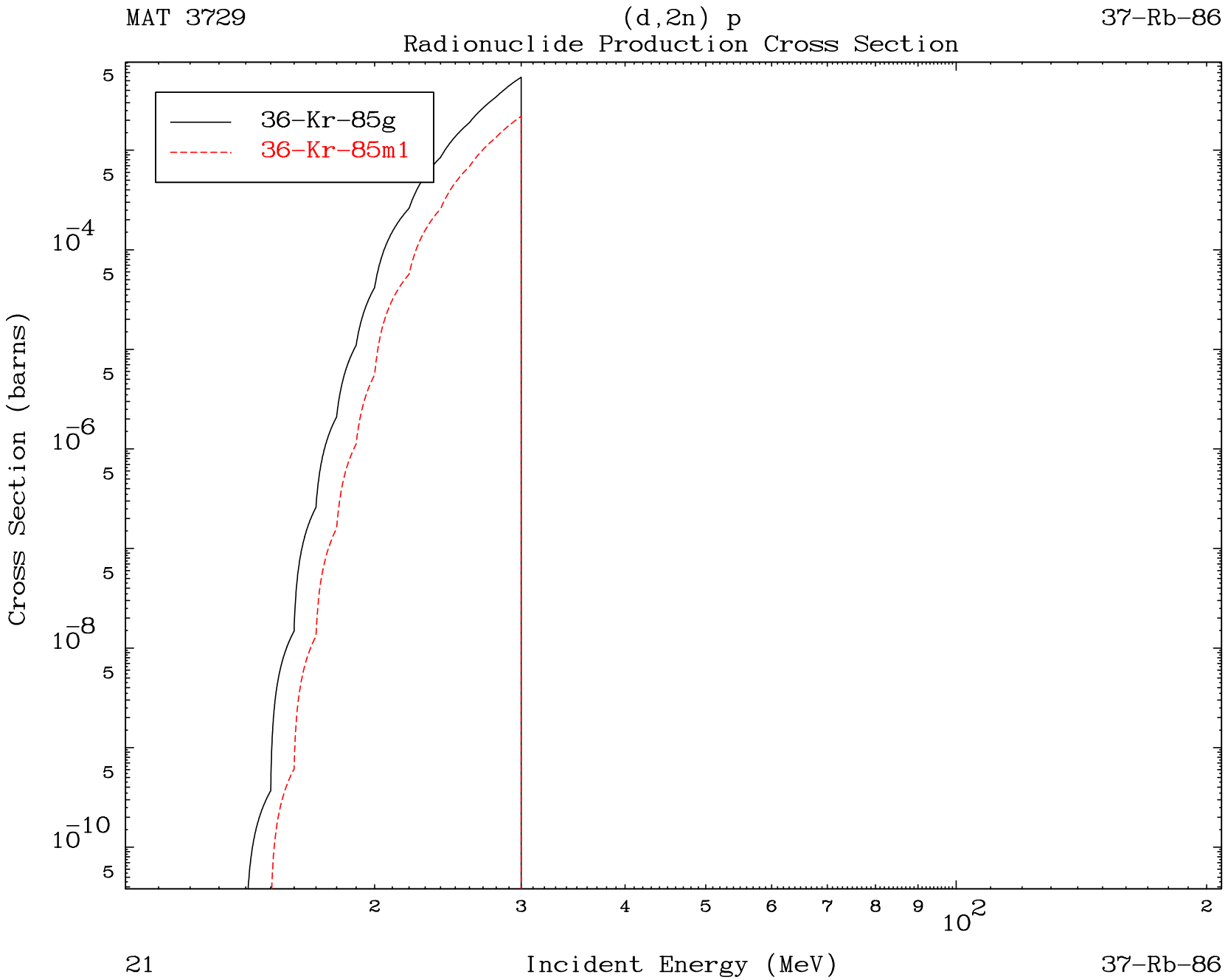

MAT 3729
(d,3n) α
37-Rb-86
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
16
37-Rb-86

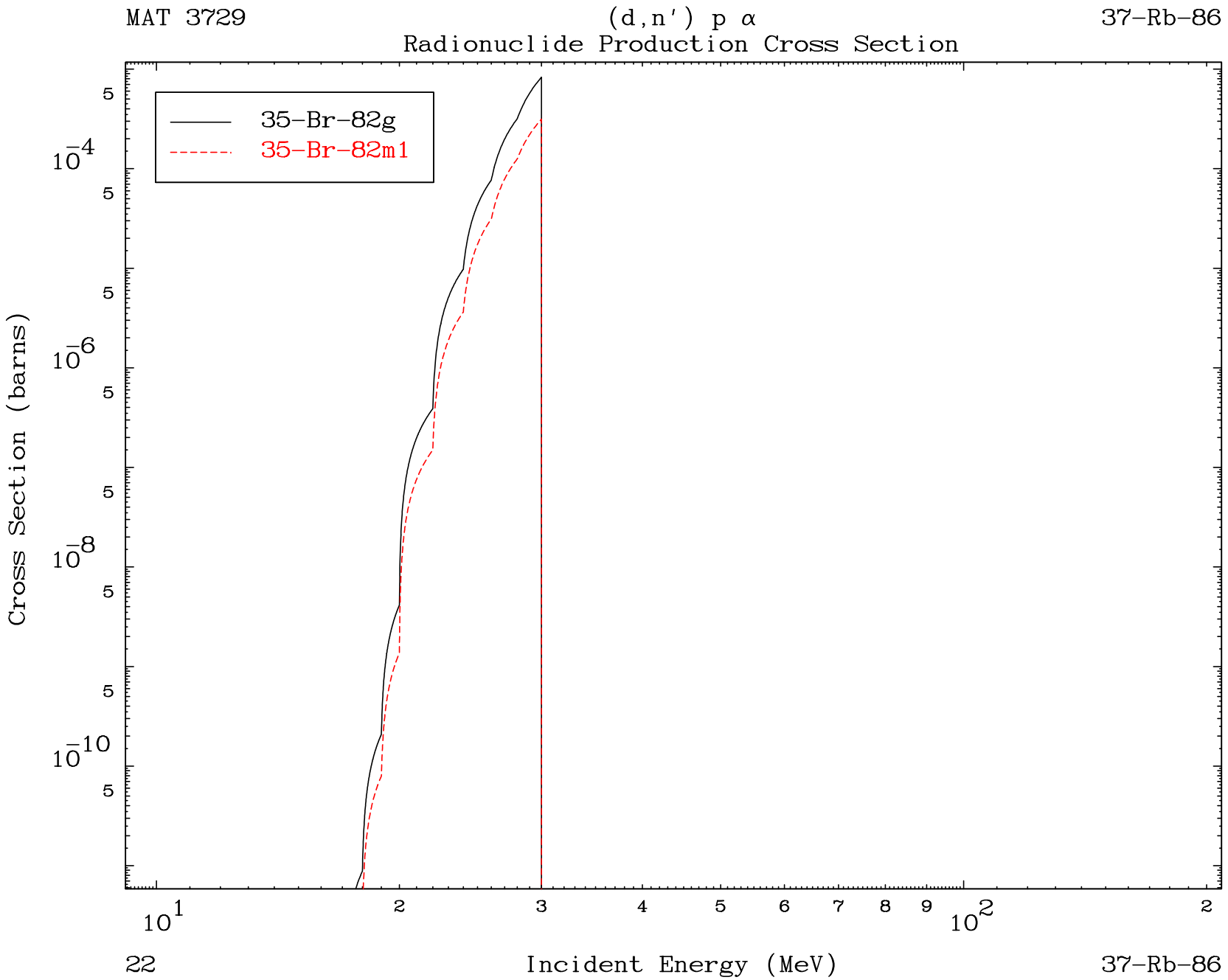

MAT 3729
(d,n') p
37-Rb-86
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
17
37-Rb-86

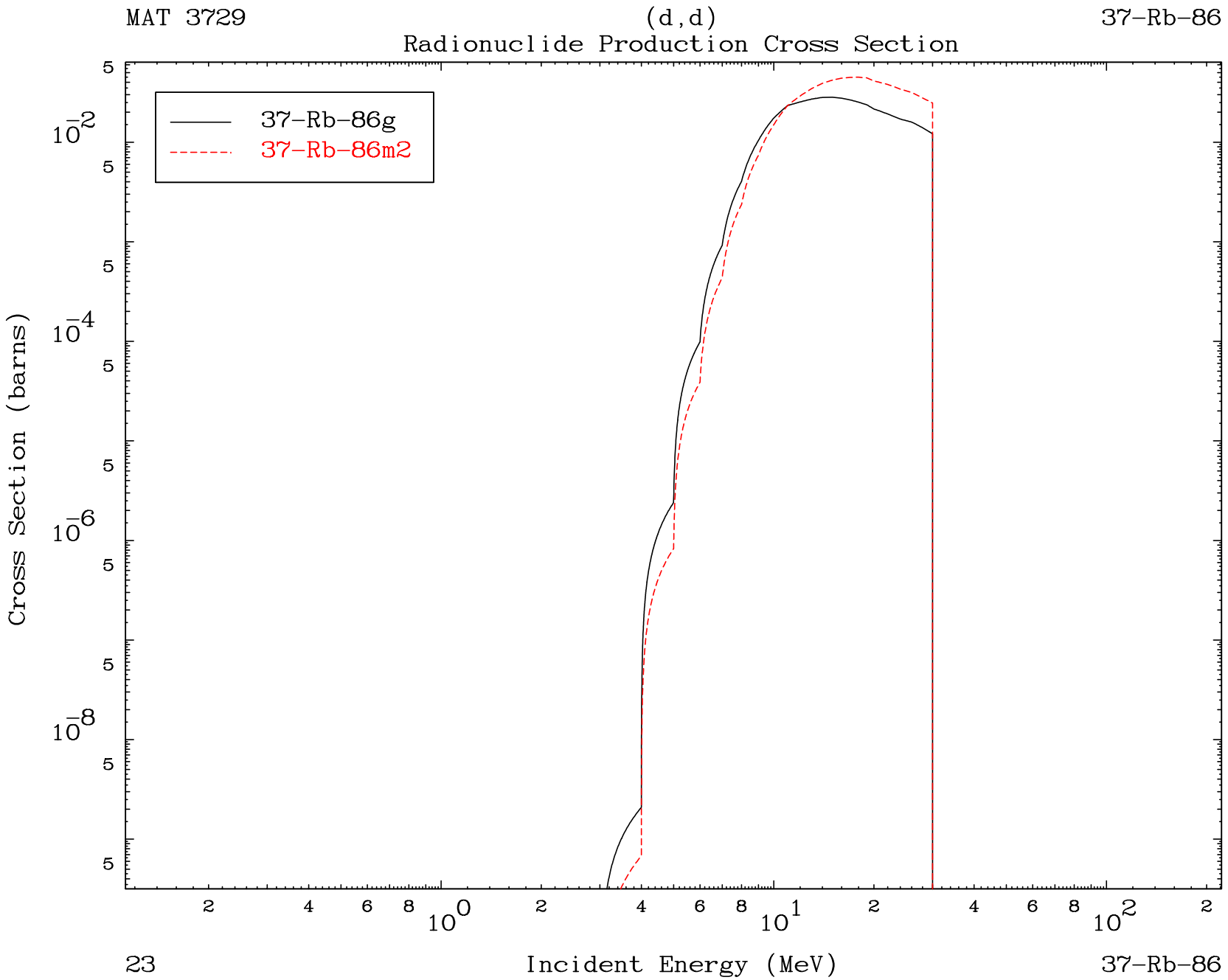

MAT 3729
(d,n') 2α
37-Rb-86
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
18
37-Rb-86

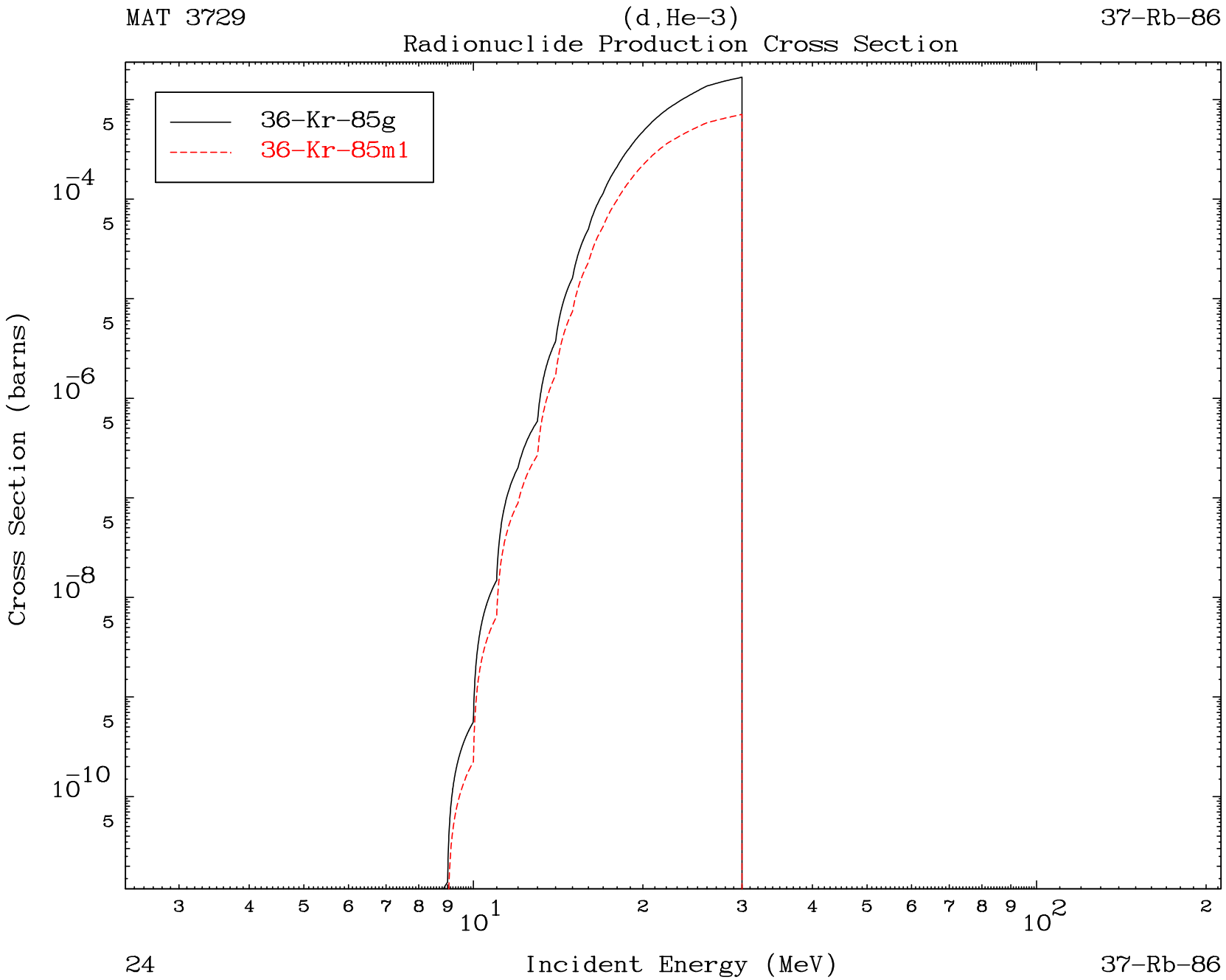

MAT 3729
(d,n') t
37-Rb-86
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
19
37-Rb-86

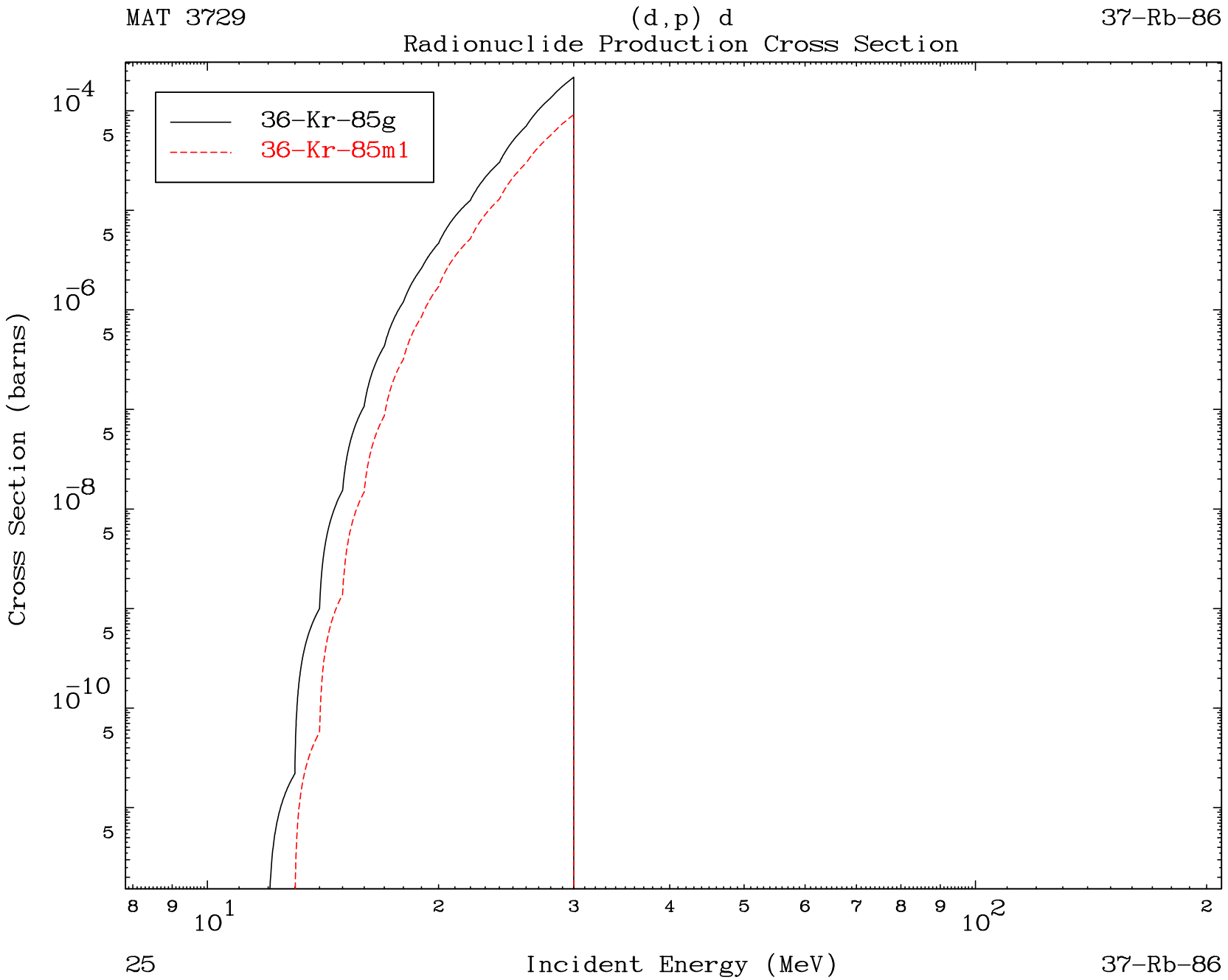

MAT 3729
(d,3n) p
37-Rb-86
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
37-Rb-86

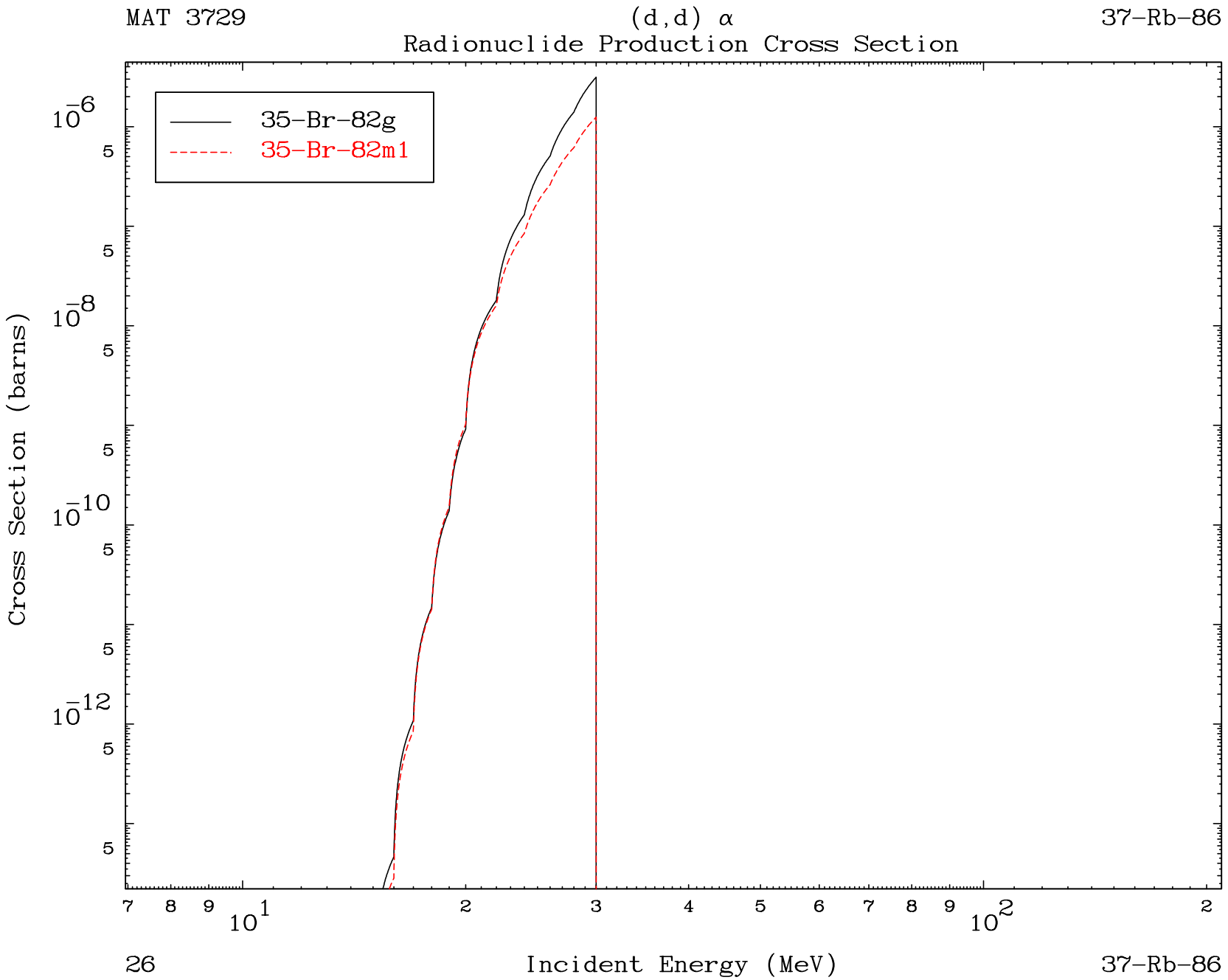

MAT 3729
(d,2n) p
37-Rb-86
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
21
37-Rb-86


MAT 3729
(d,n') p α
37-Rb-86
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
22
Incident Energy (MeV)
37-Rb-86


MAT 3729
(d,d)
37-Rb-86
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
23
37-Rb-86


MAT 3729
(d,He-3)
37-Rb-86
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
24
37-Rb-86


MAT 3729
(d,p) d
37-Rb-86
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
25
37-Rb-86


MAT 3729
(d,d) α
37-Rb-86
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
26
Incident Energy (MeV)
37-Rb-86