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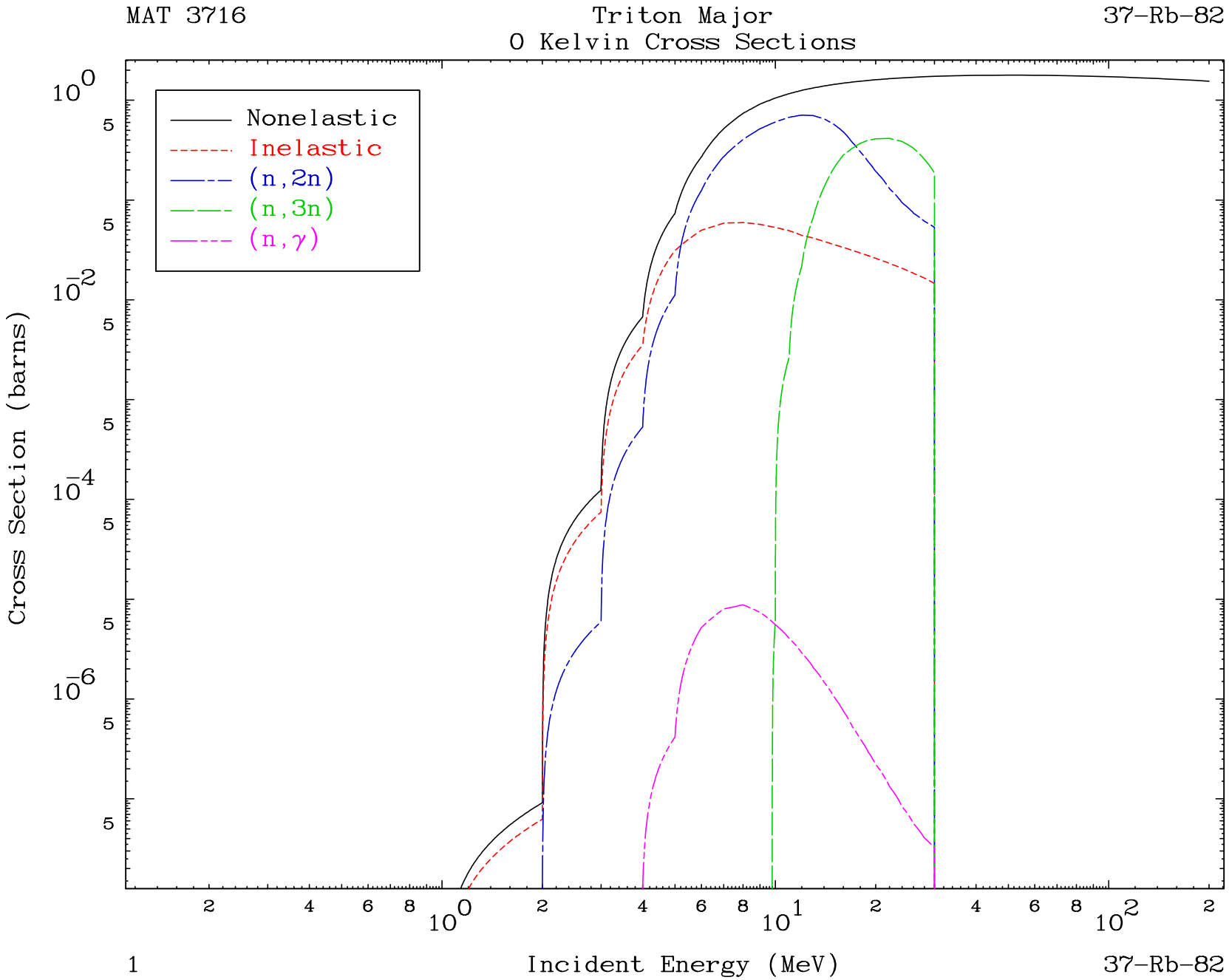
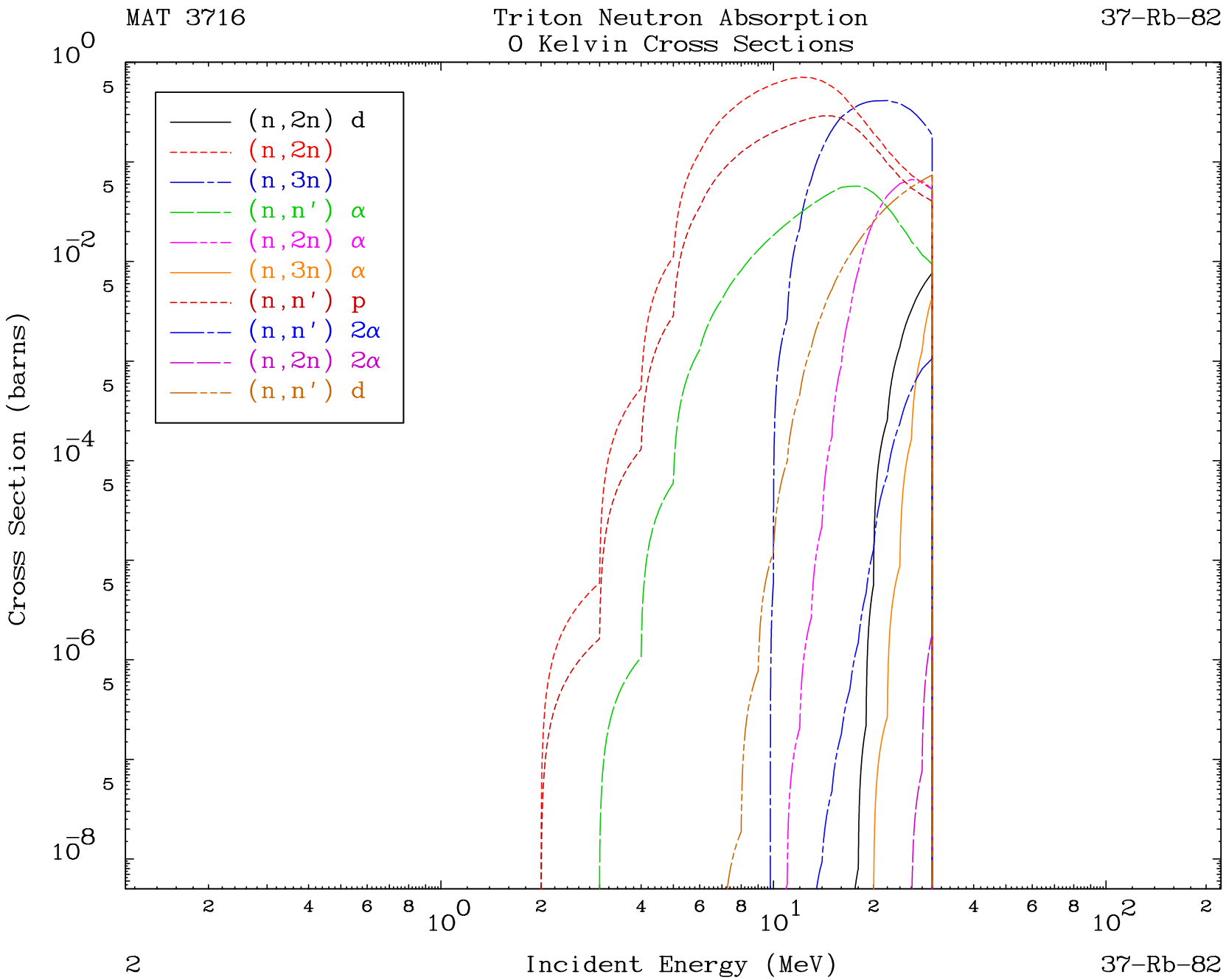
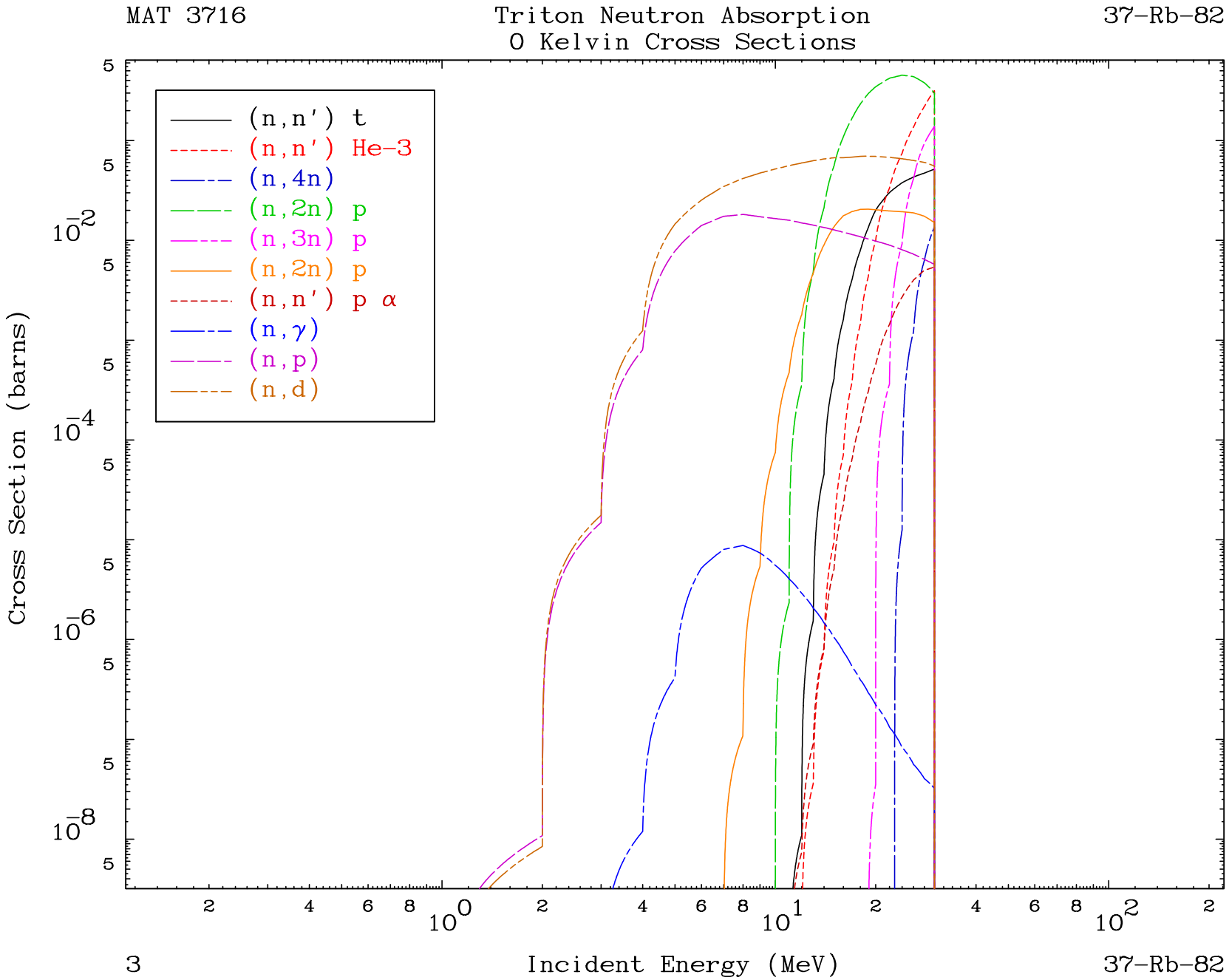
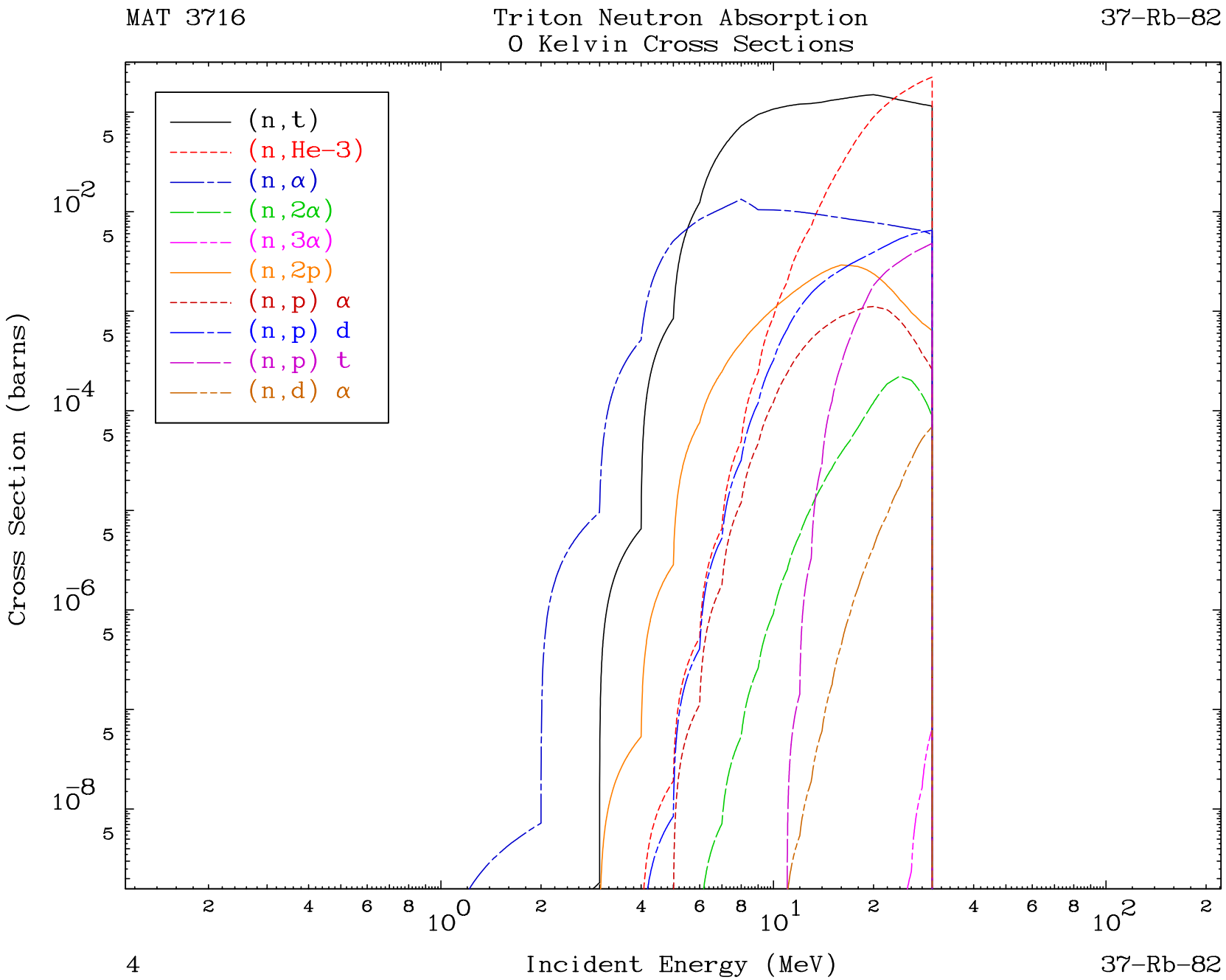
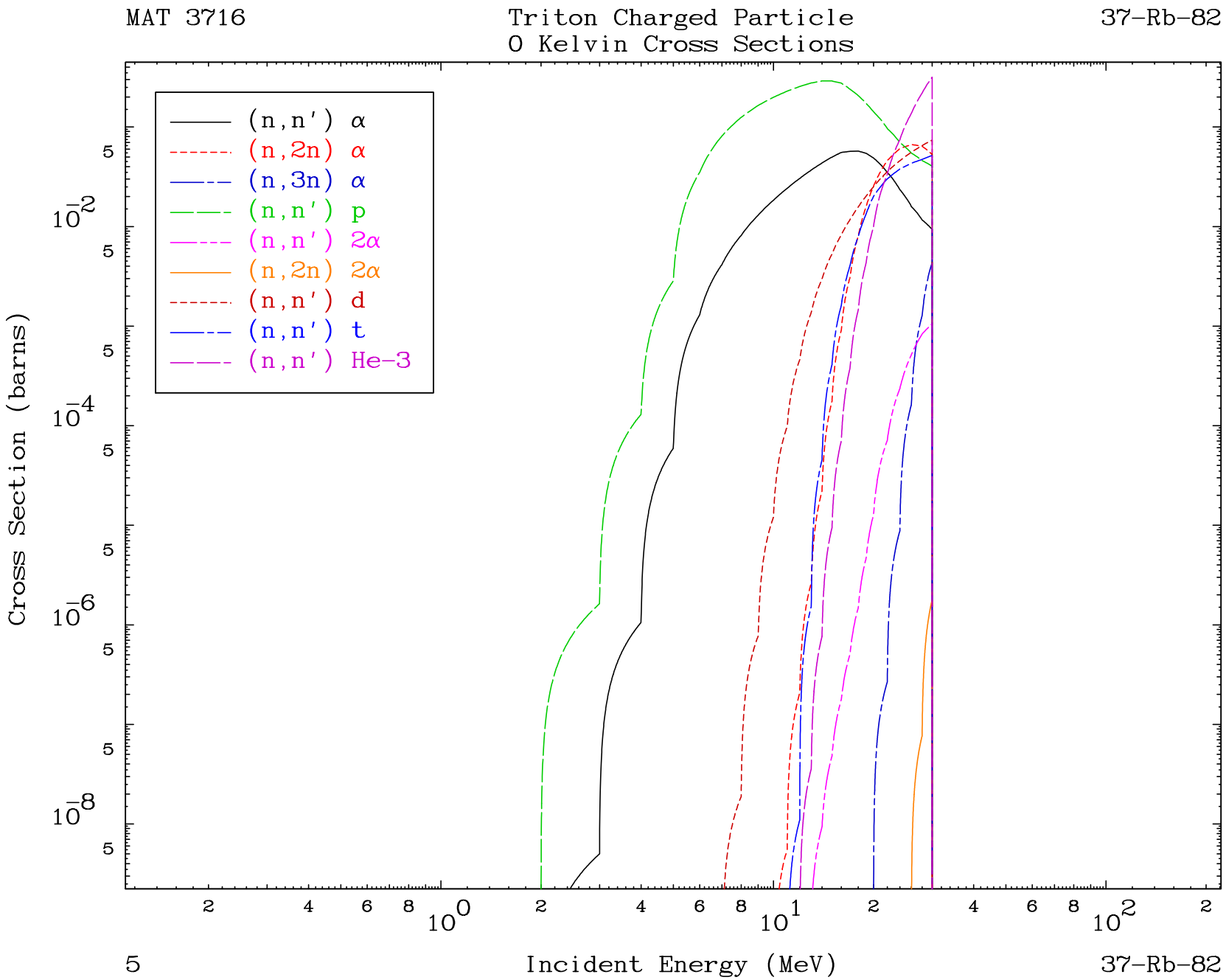
Press Mouse Button to Start

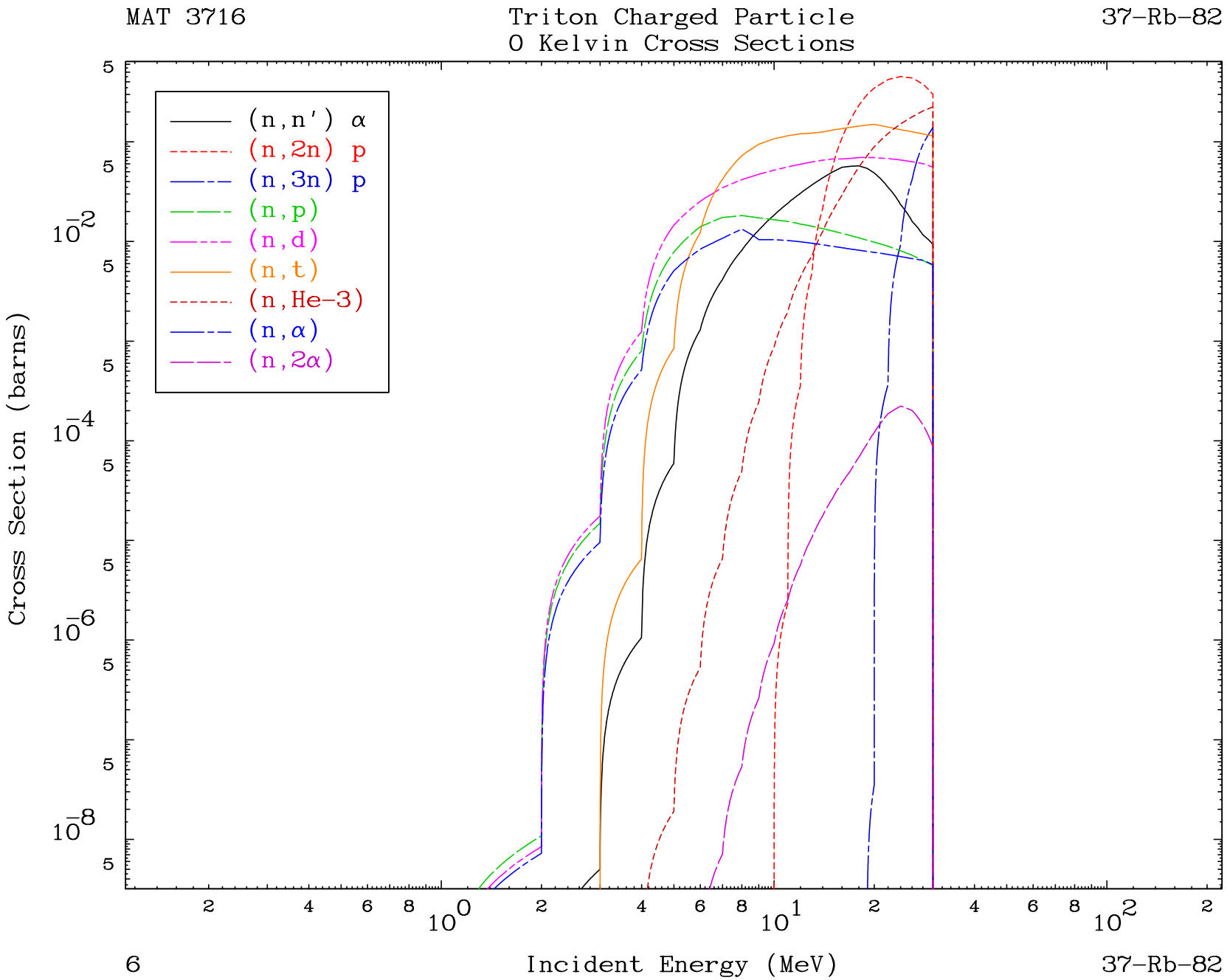

MAT 3716
Triton Major
37-Rb-82
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-82
1

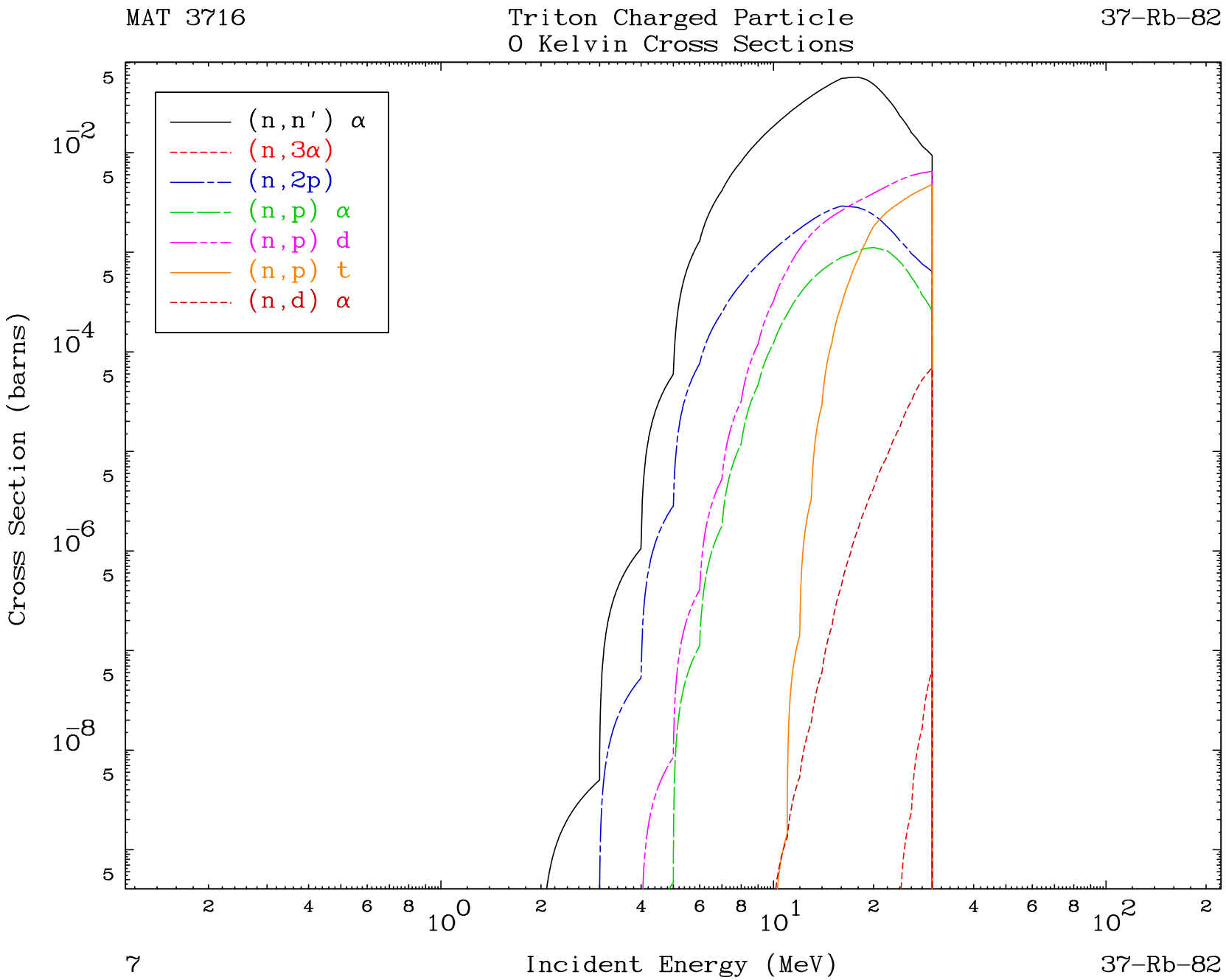

MAT 3716
Triton Neutron Absorption
0 Kelvin Cross Sections
37-Rb-82
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
37-Rb-82

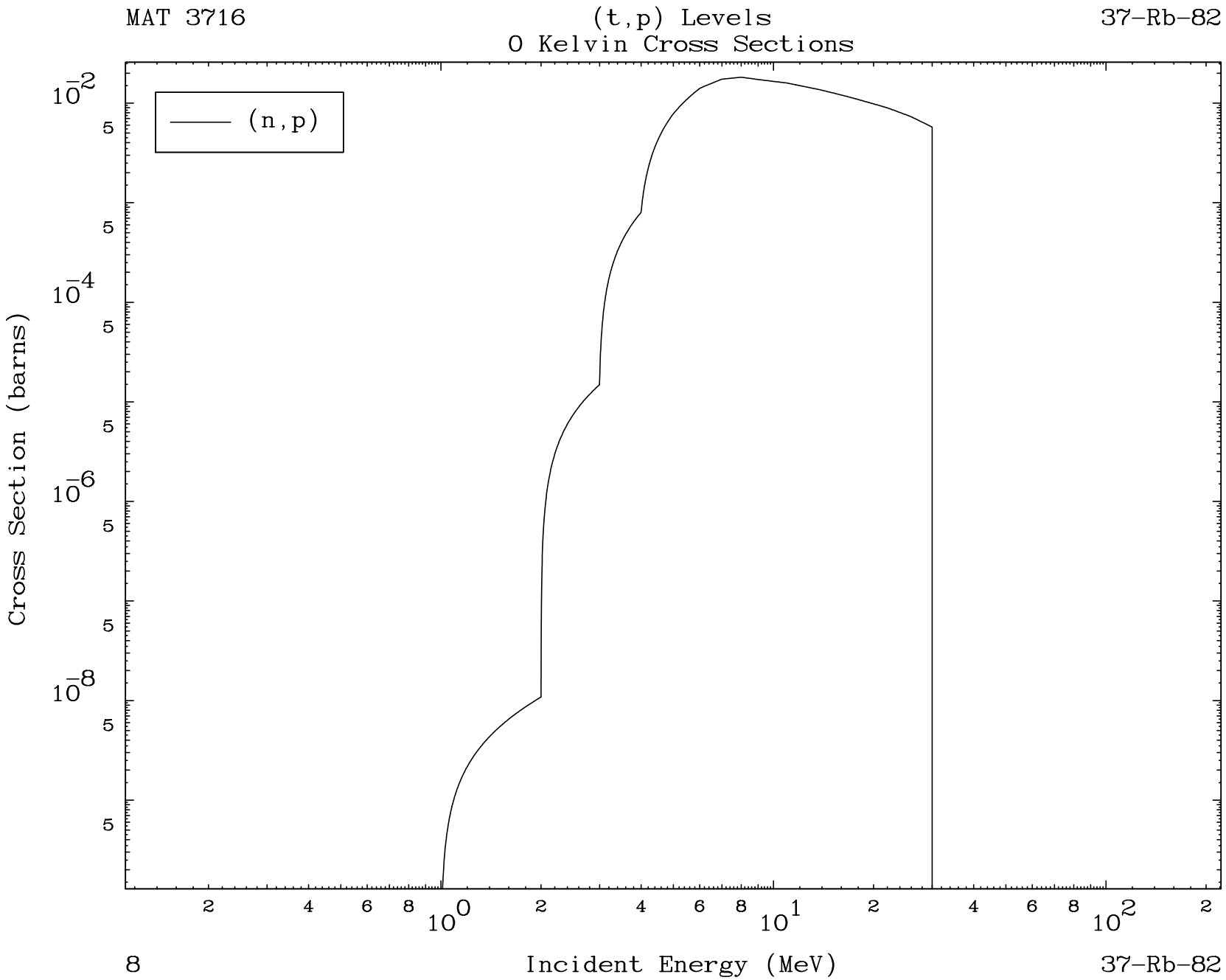

MAT 3716
Triton Neutron Absorption
0 Kelvin Cross Sections
37-Rb-82
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-82

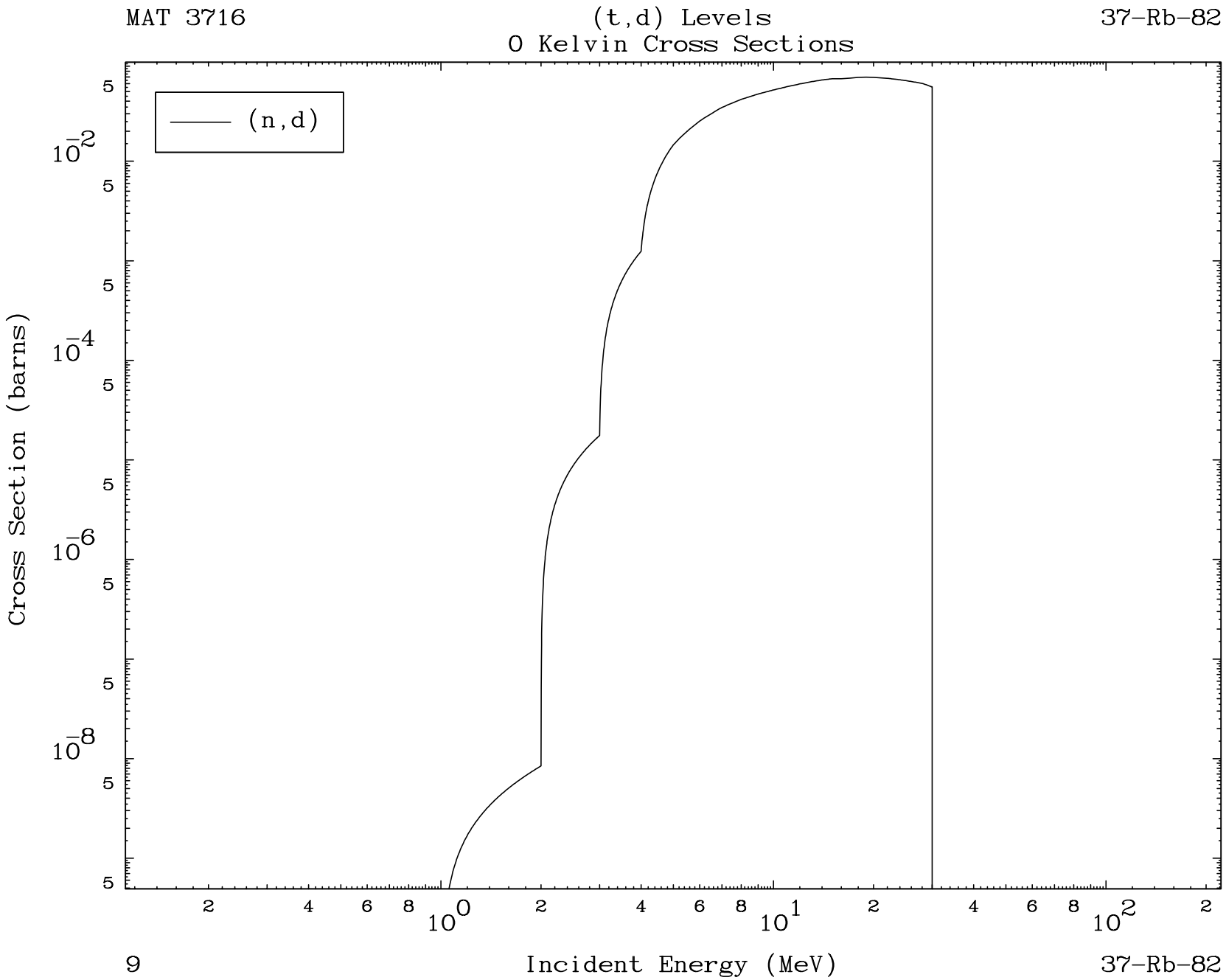

MAT 3716
Triton Neutron Absorption
0 Kelvin Cross Sections
37-Rb-82
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-82

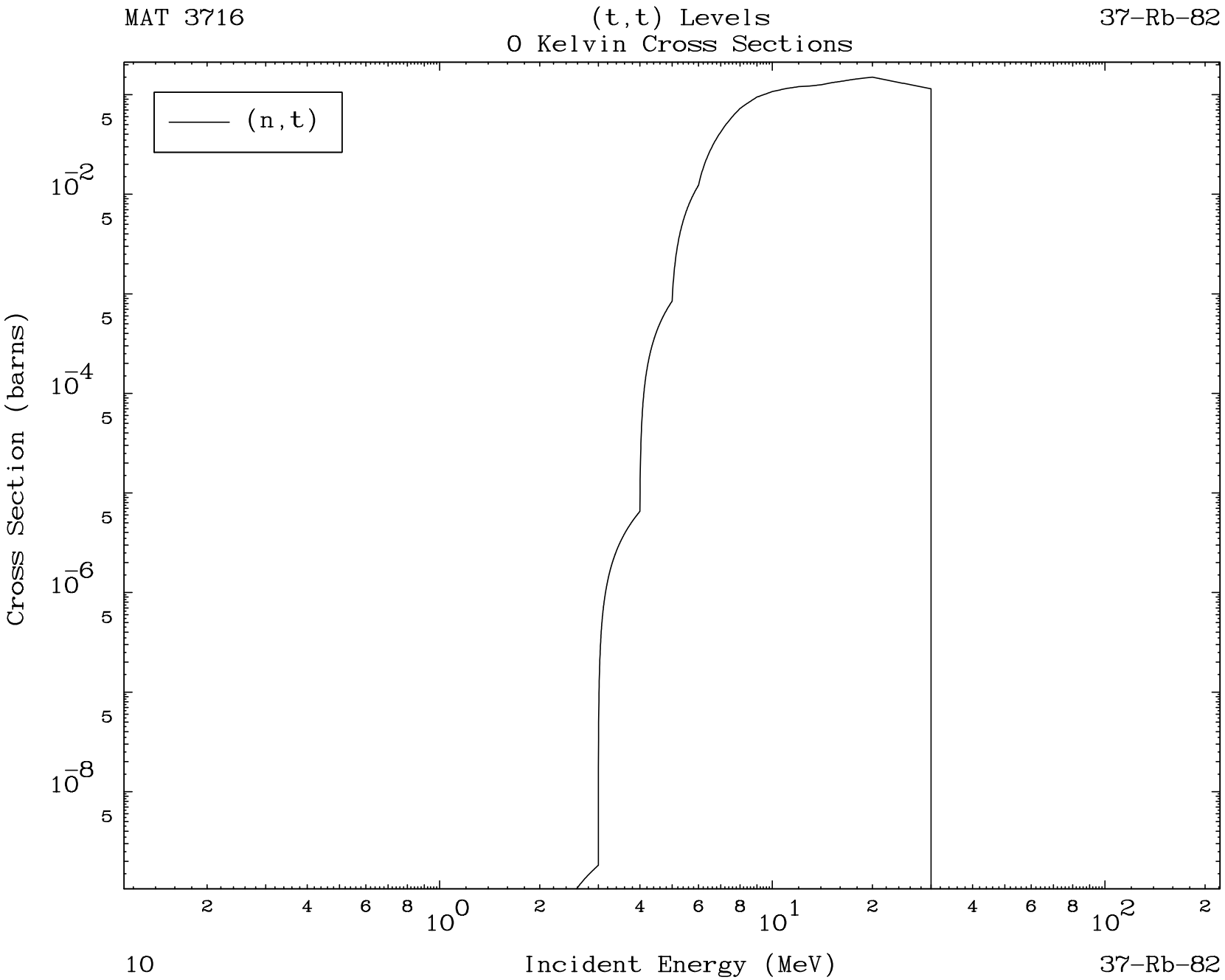

MAT 3716
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-82
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
5
37-Rb-82

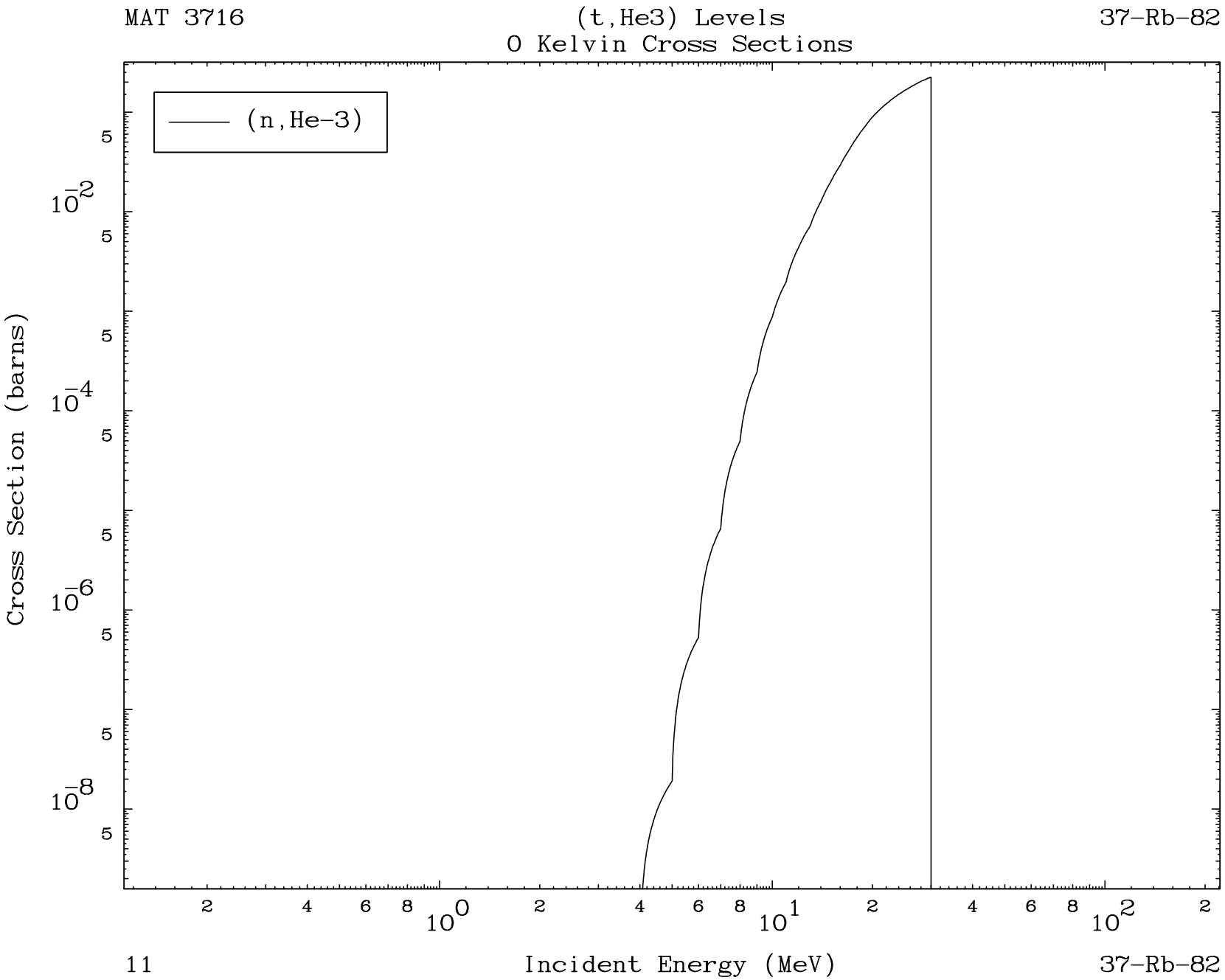

MAT 3716
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-82
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-82

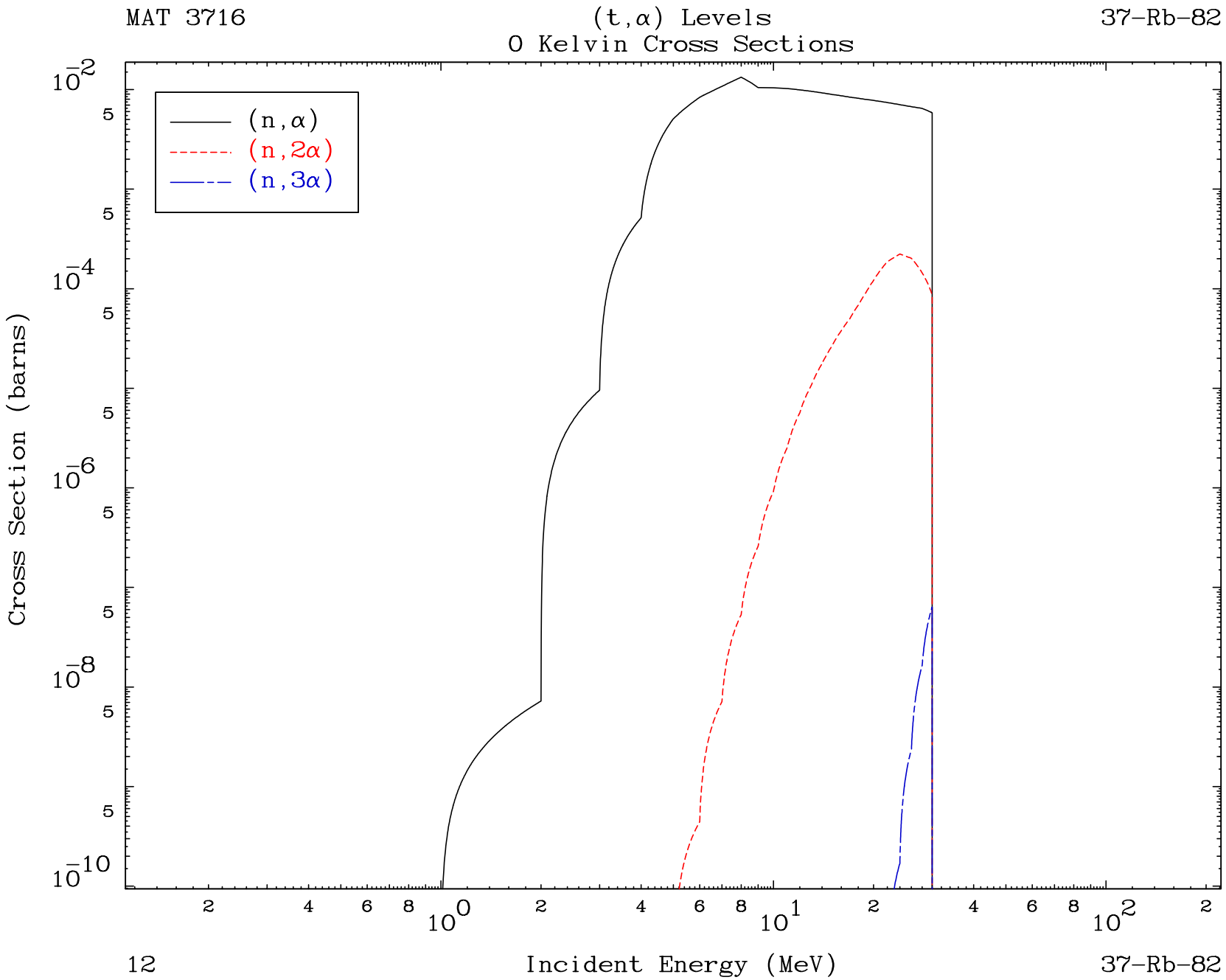

MAT 3716
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-82
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
37-Rb-82

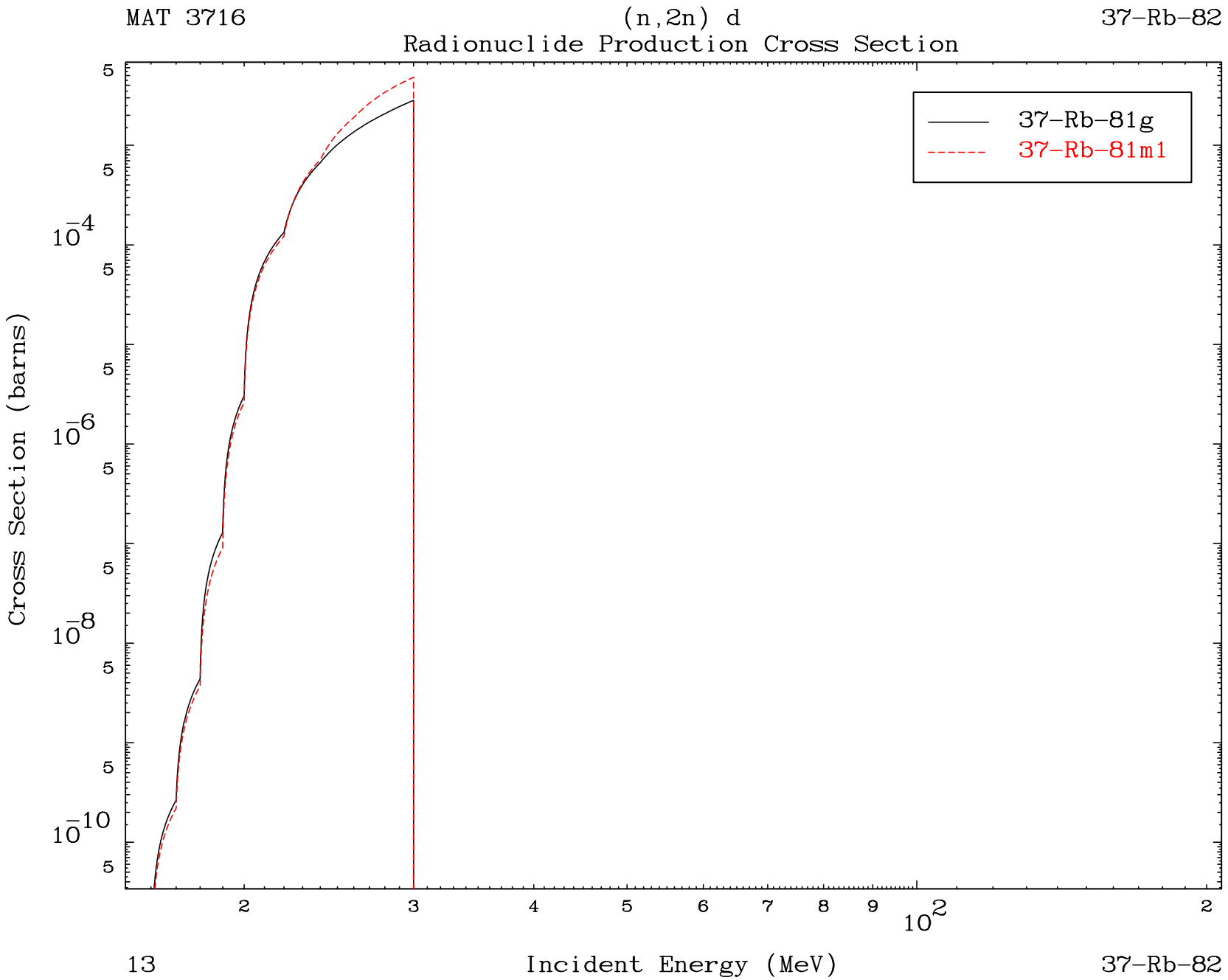

MAT 3716
(t,p) Levels
37-Rb-82
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
37-Rb-82

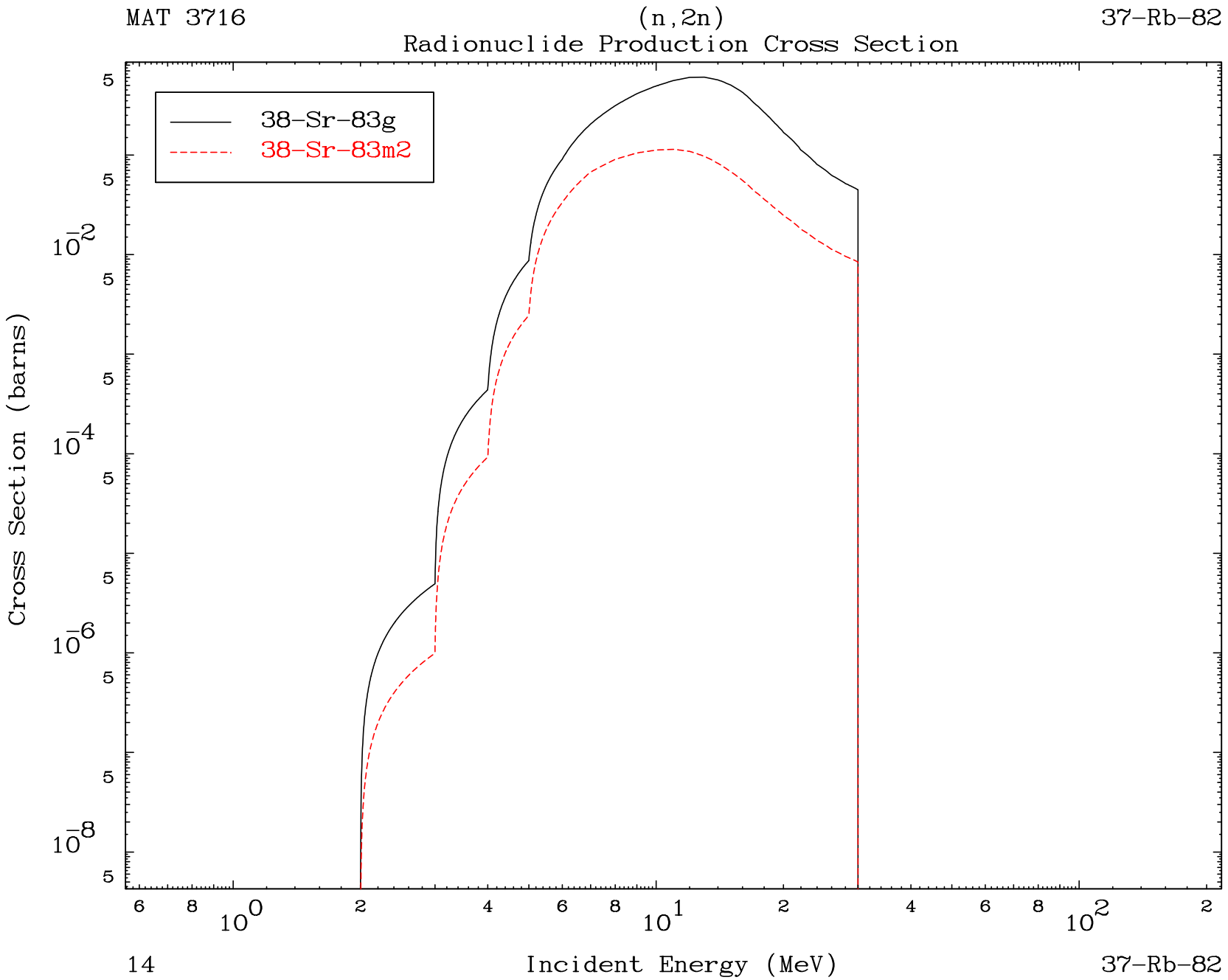

MAT 3716
(t,d) Levels
37-Rb-82
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
37-Rb-82

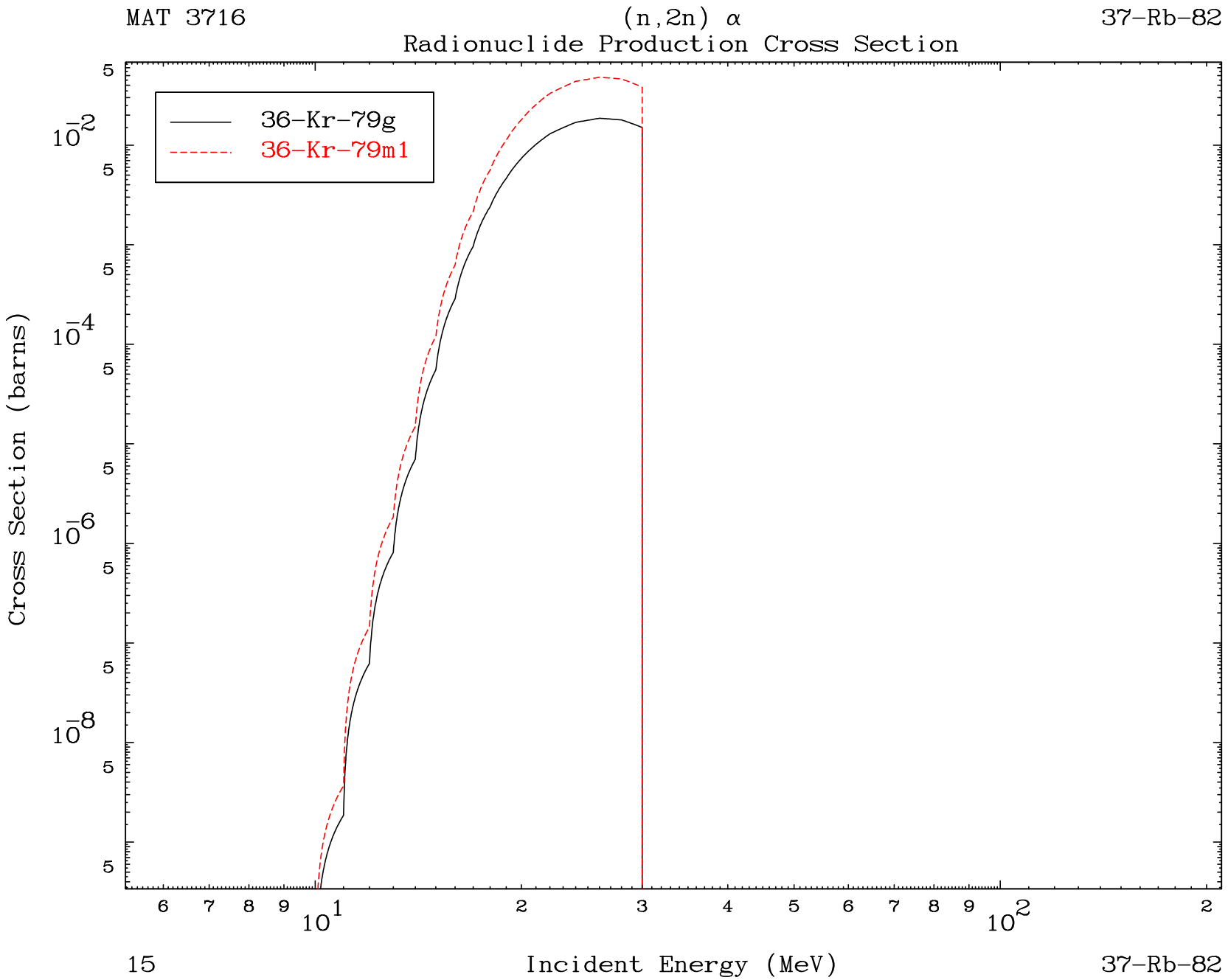

MAT 3716
(t,t) Levels
37-Rb-82
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-82
10

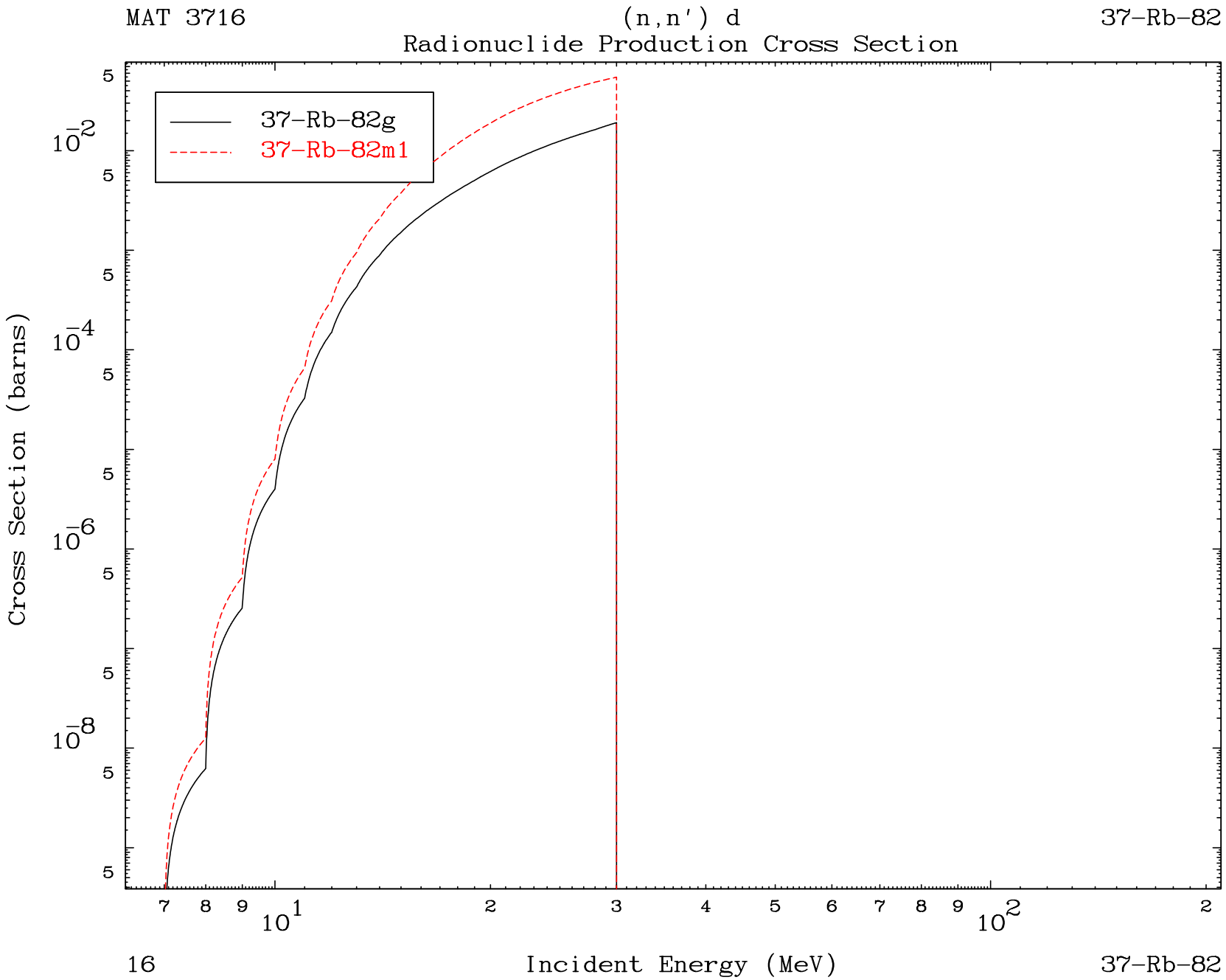

MAT 3716
(t,He3) Levels
37-Rb-82
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
37-Rb-82

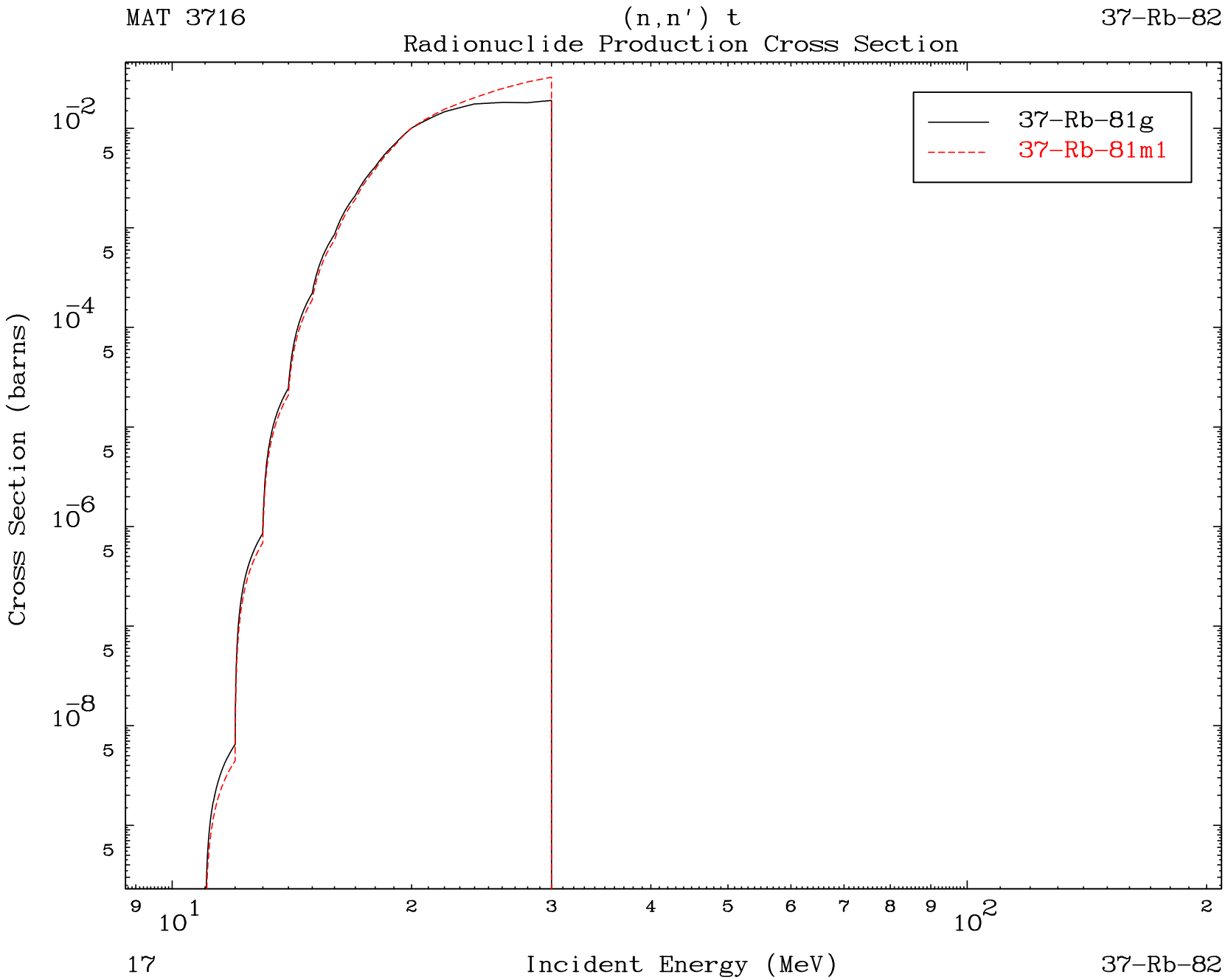

MAT 3716
(t,α) Levels
37-Rb-82
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
37-Rb-82

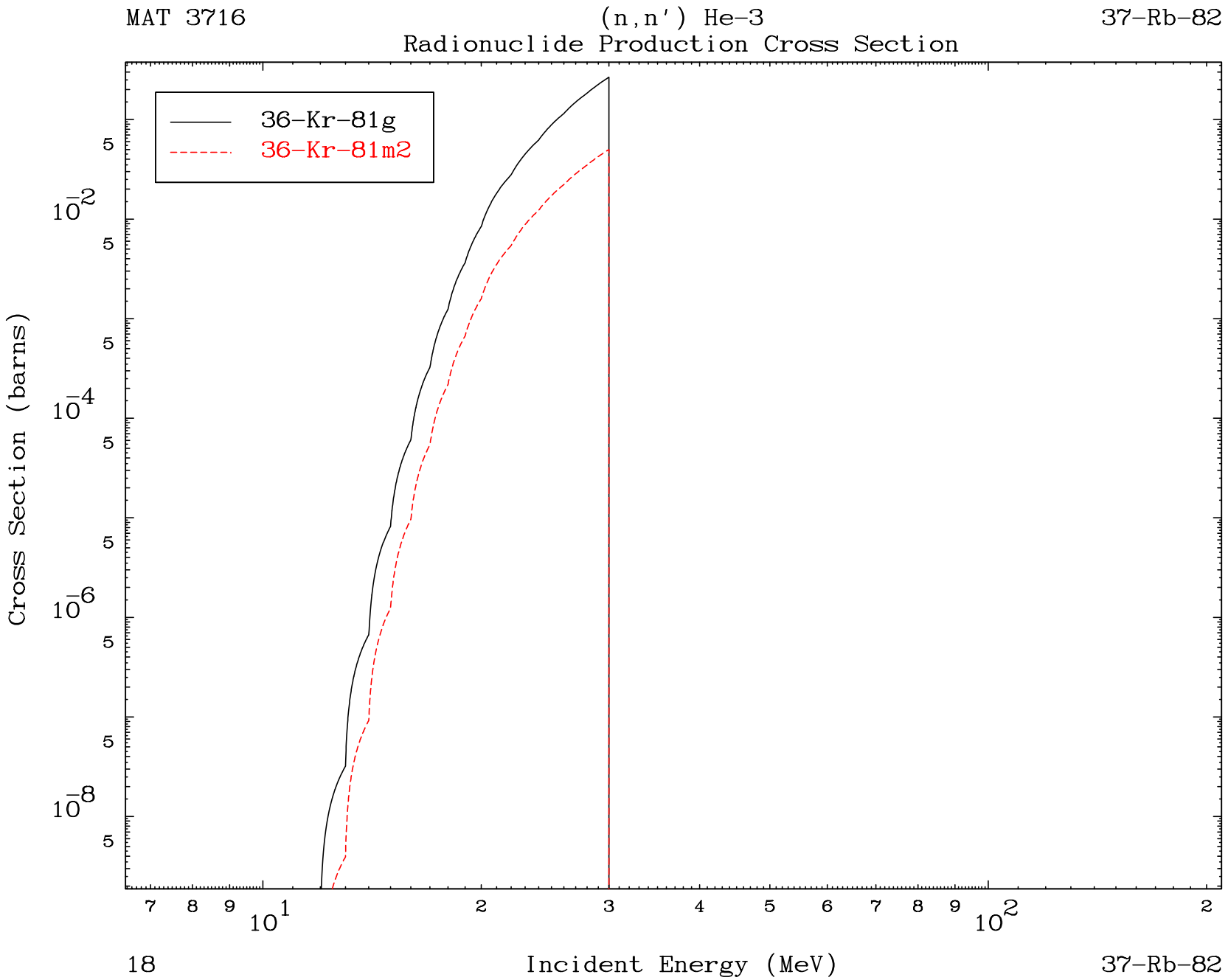

MAT 3716
(n,2n) d
37-Rb-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
37-Rb-82

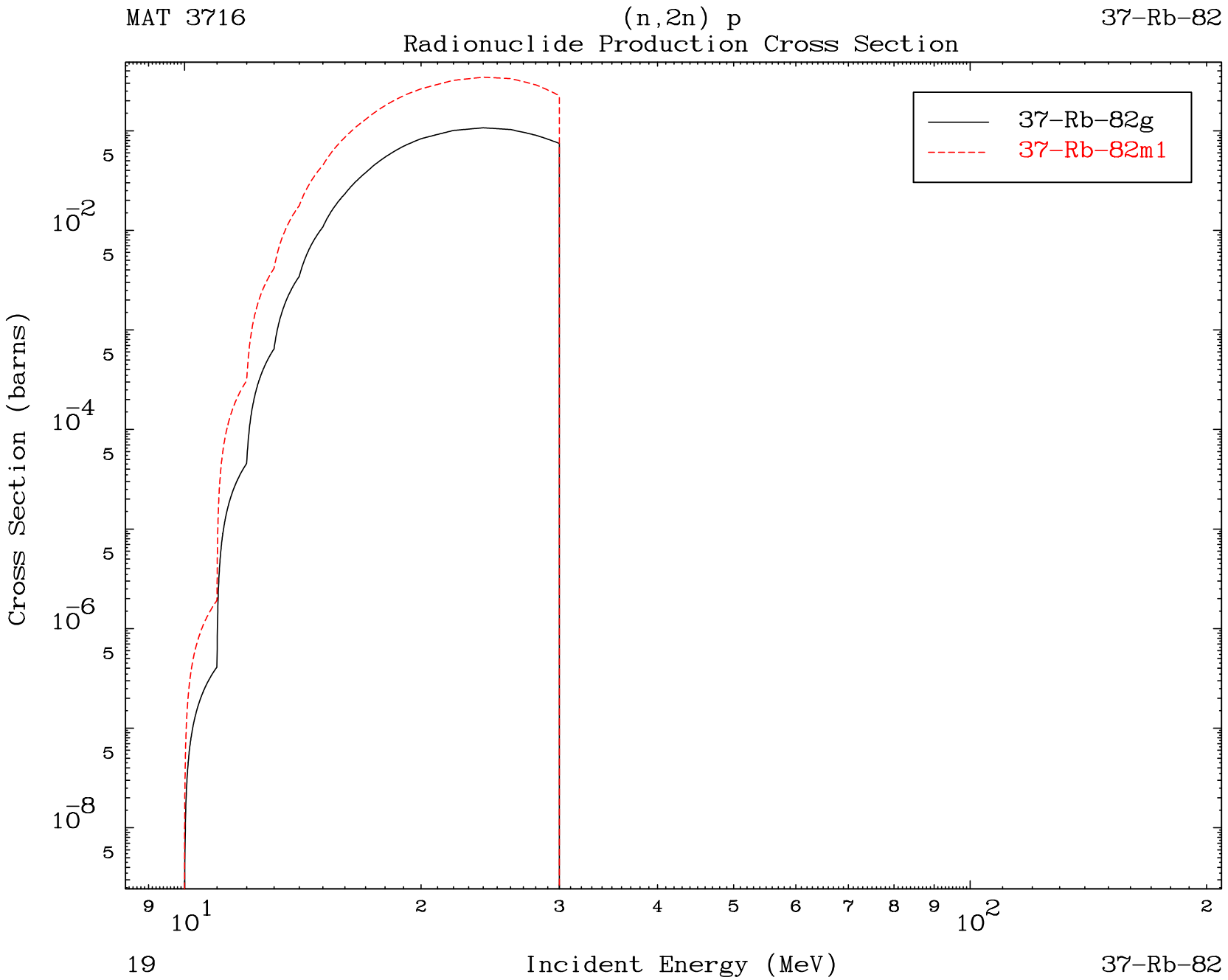

MAT 3716
(n,2n)
37-Rb-82
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
14
37-Rb-82

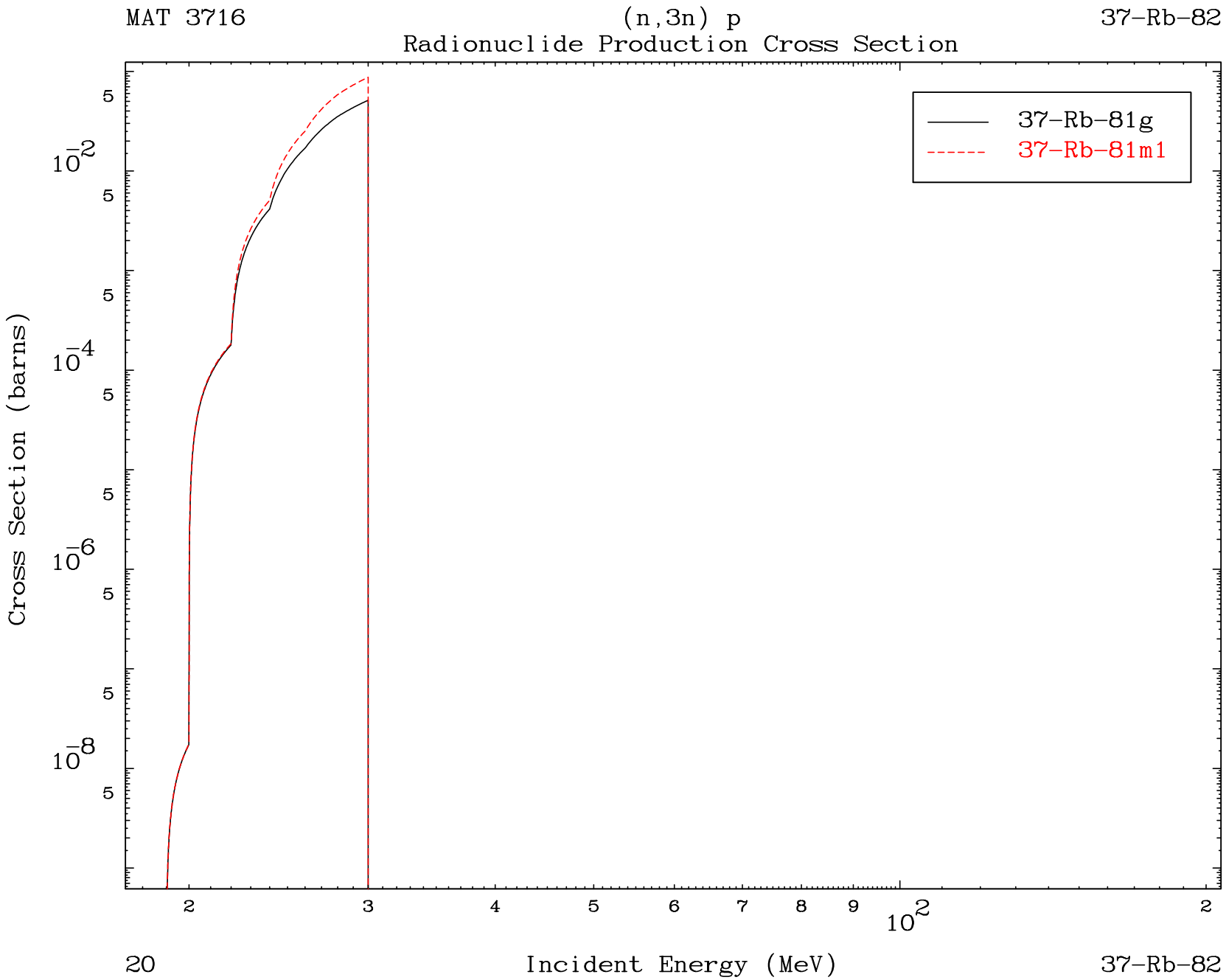

MAT 3716
(n,2n) α
37-Rb-82
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
15
37-Rb-82

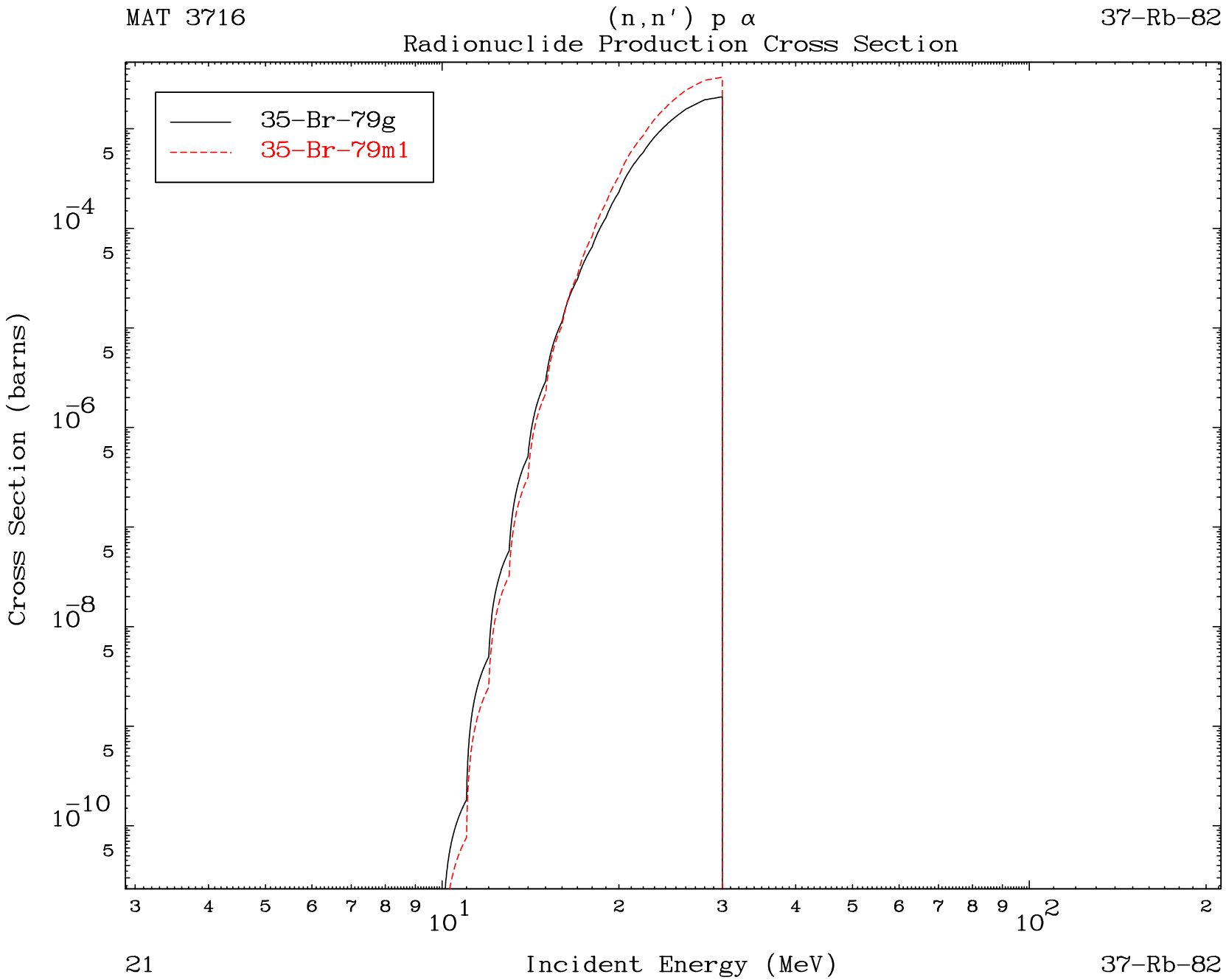

MAT 3716
(n,n') d
37-Rb-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
16
37-Rb-82

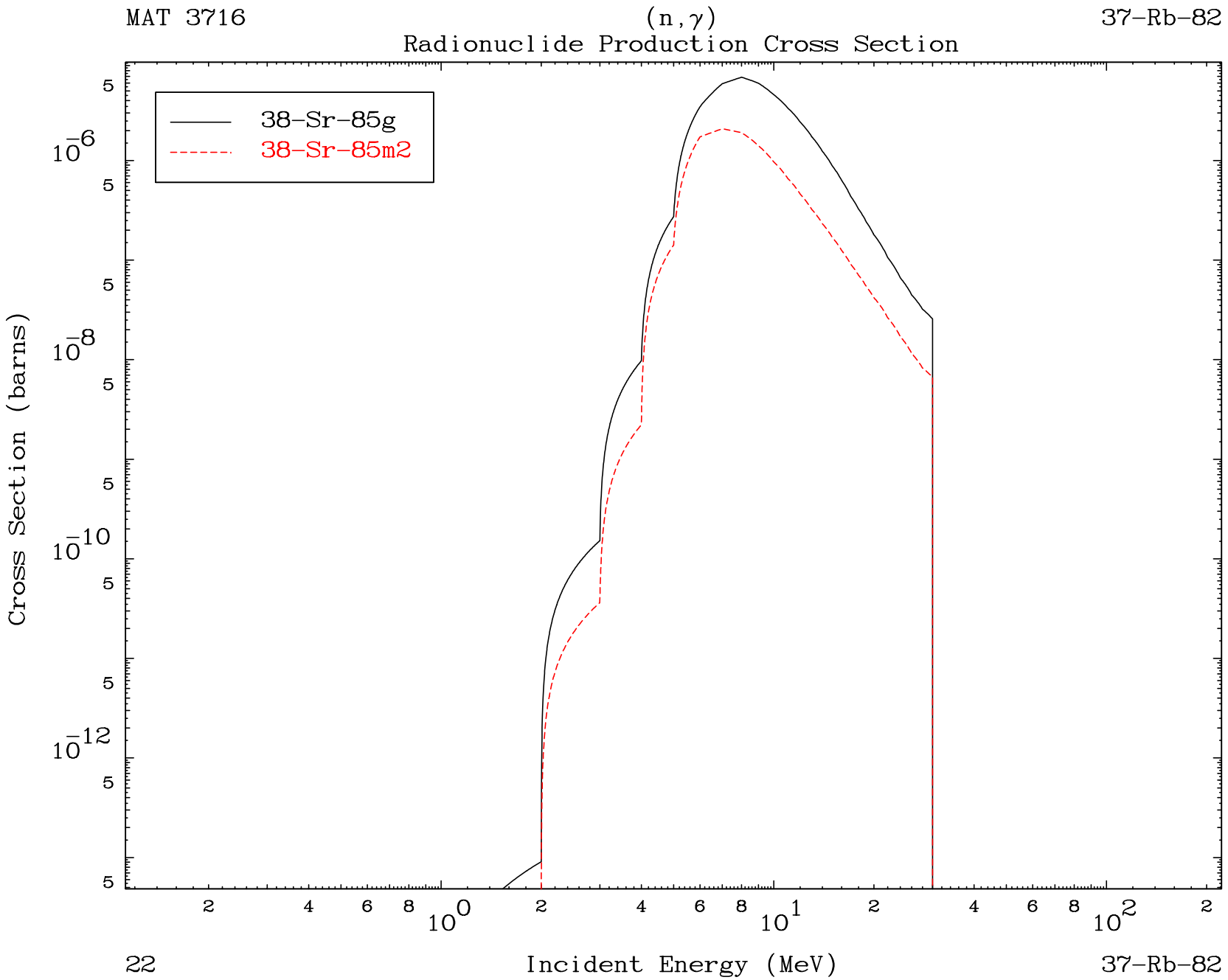

MAT 3716
(n,n') t
37-Rb-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
17
37-Rb-82

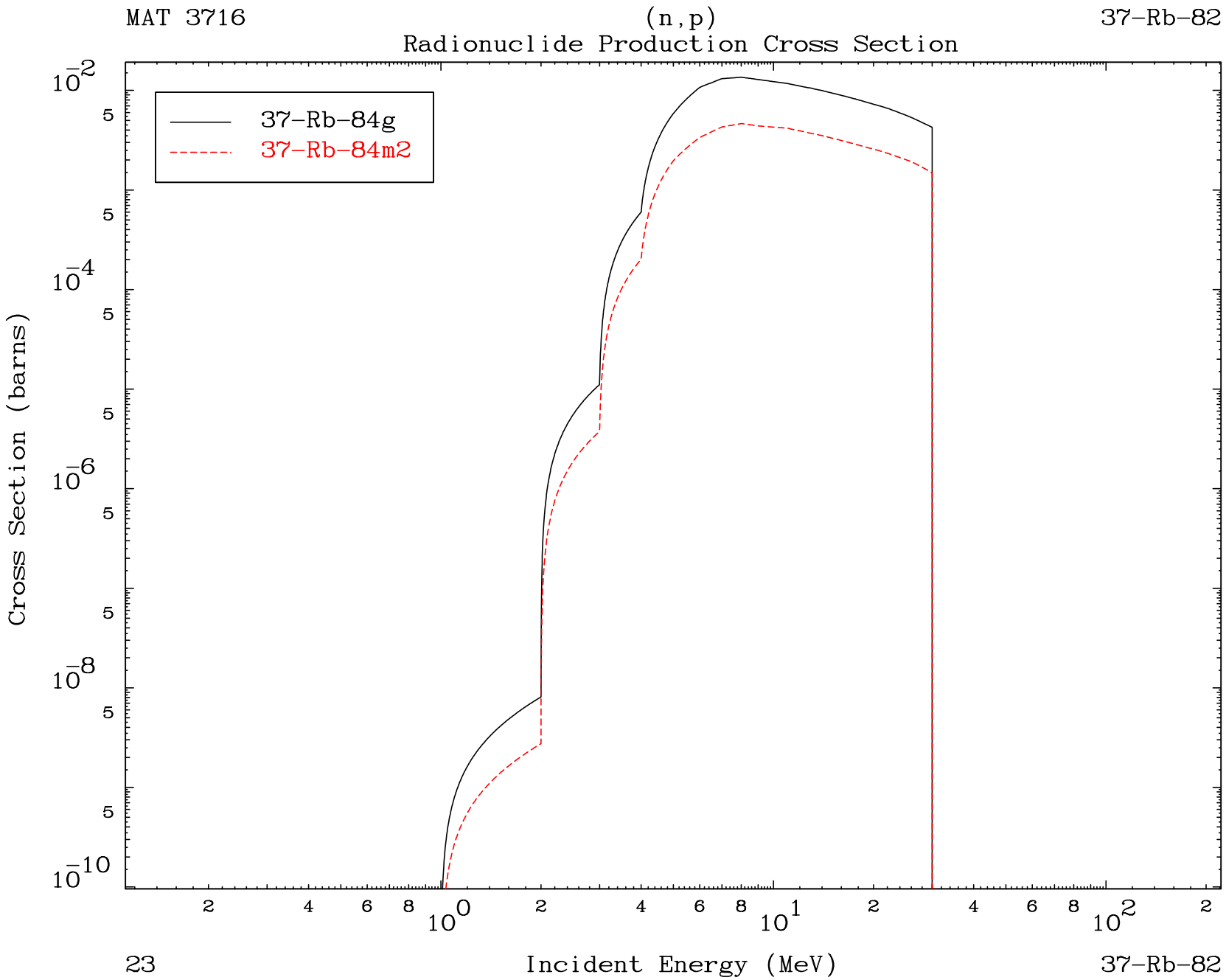

MAT 3716
(n,n') He-3
37-Rb-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
18
Incident Energy (MeV)
37-Rb-82

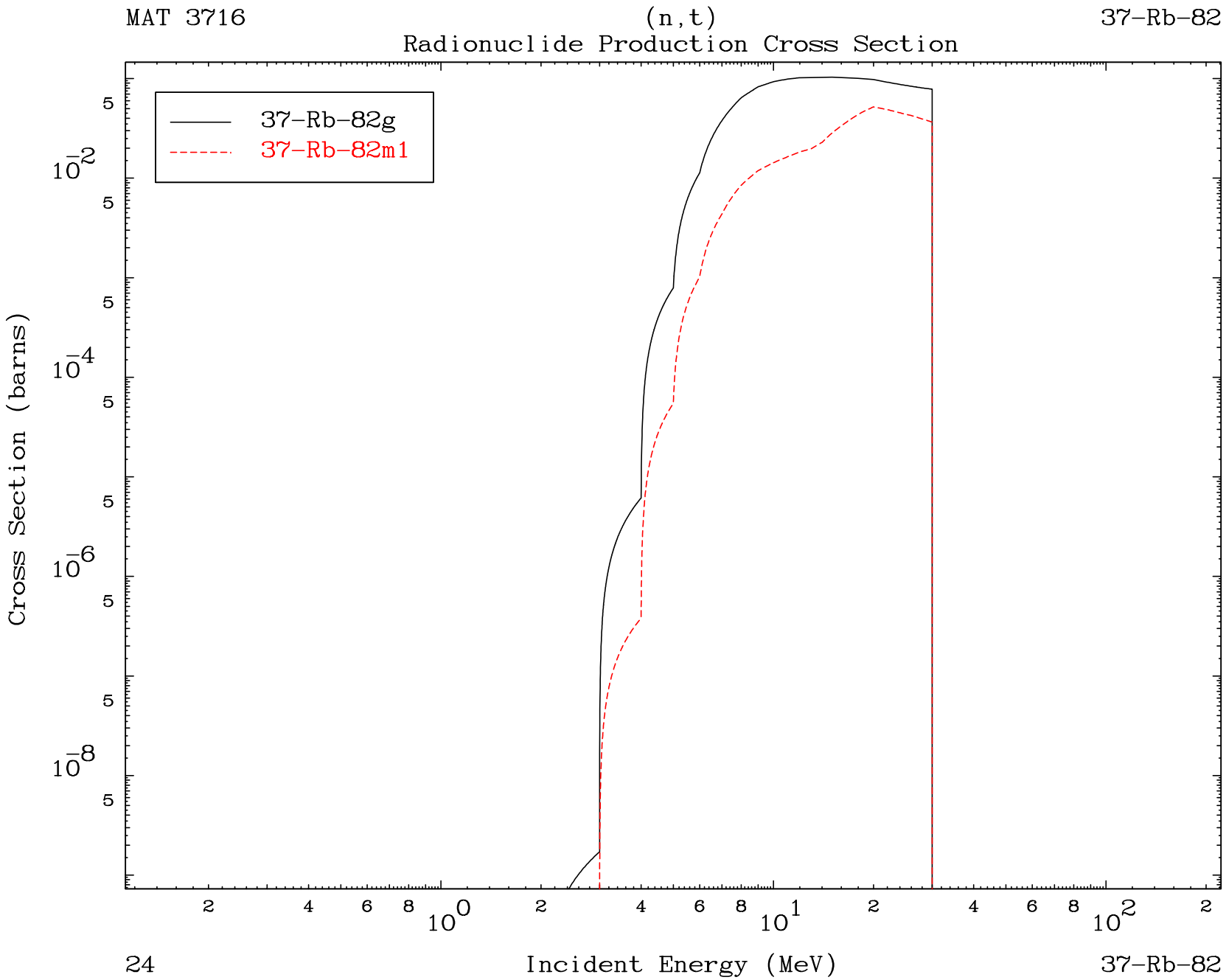

MAT 3716
(n,2n) p
37-Rb-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
37-Rb-82

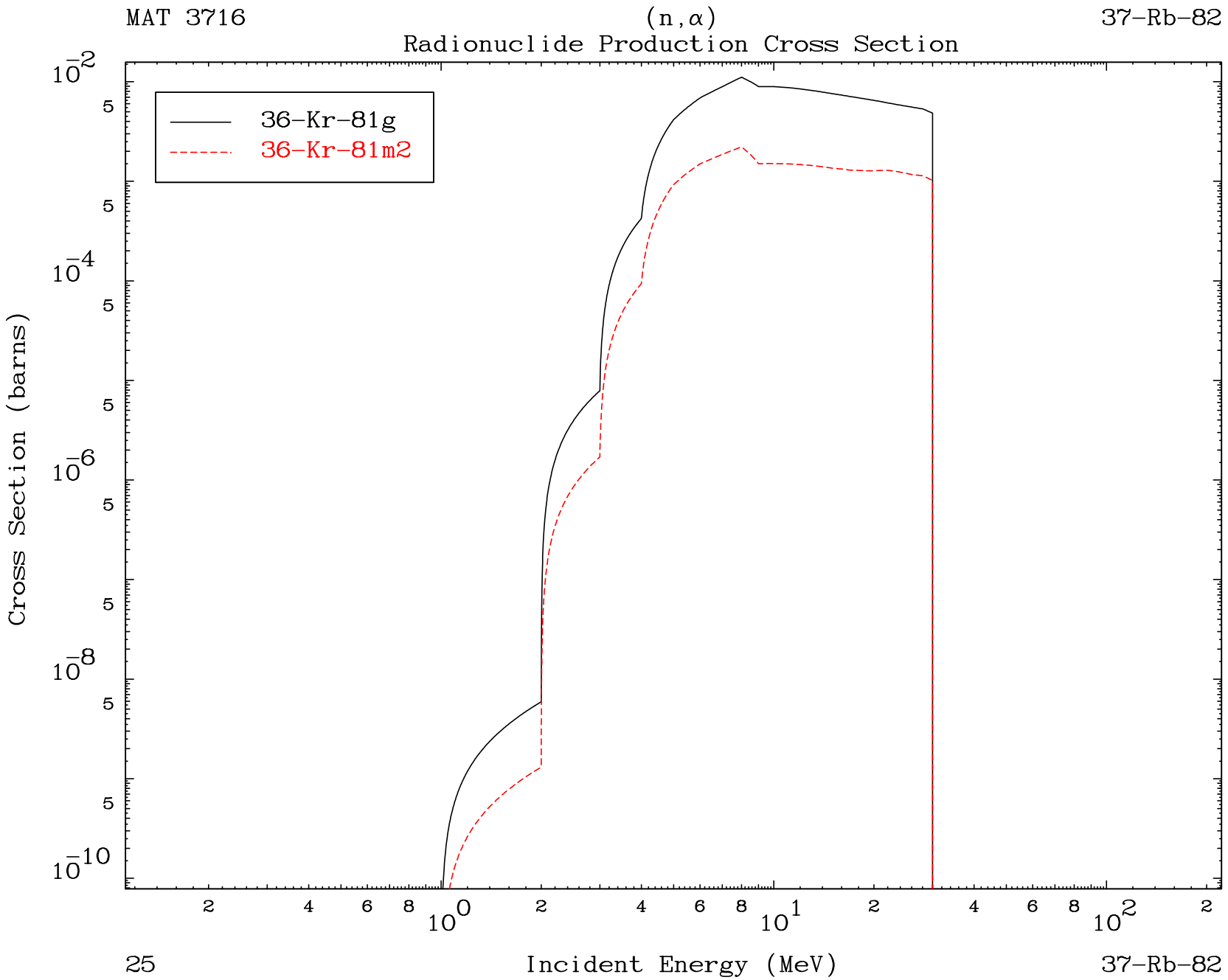

MAT 3716
(n,3n) p
37-Rb-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
20
37-Rb-82

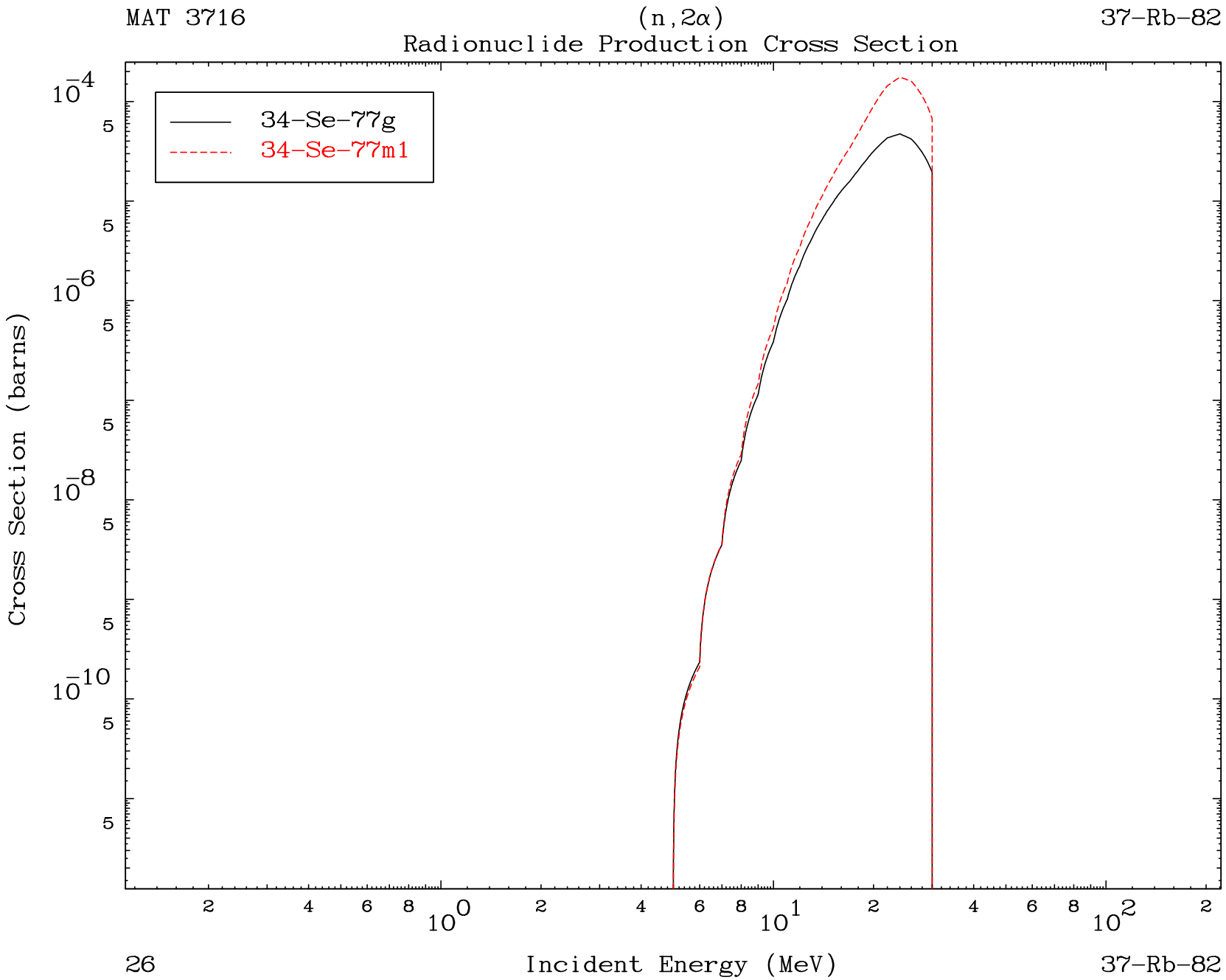

MAT 3716
(n,n') p α
37-Rb-82
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
21
37-Rb-82

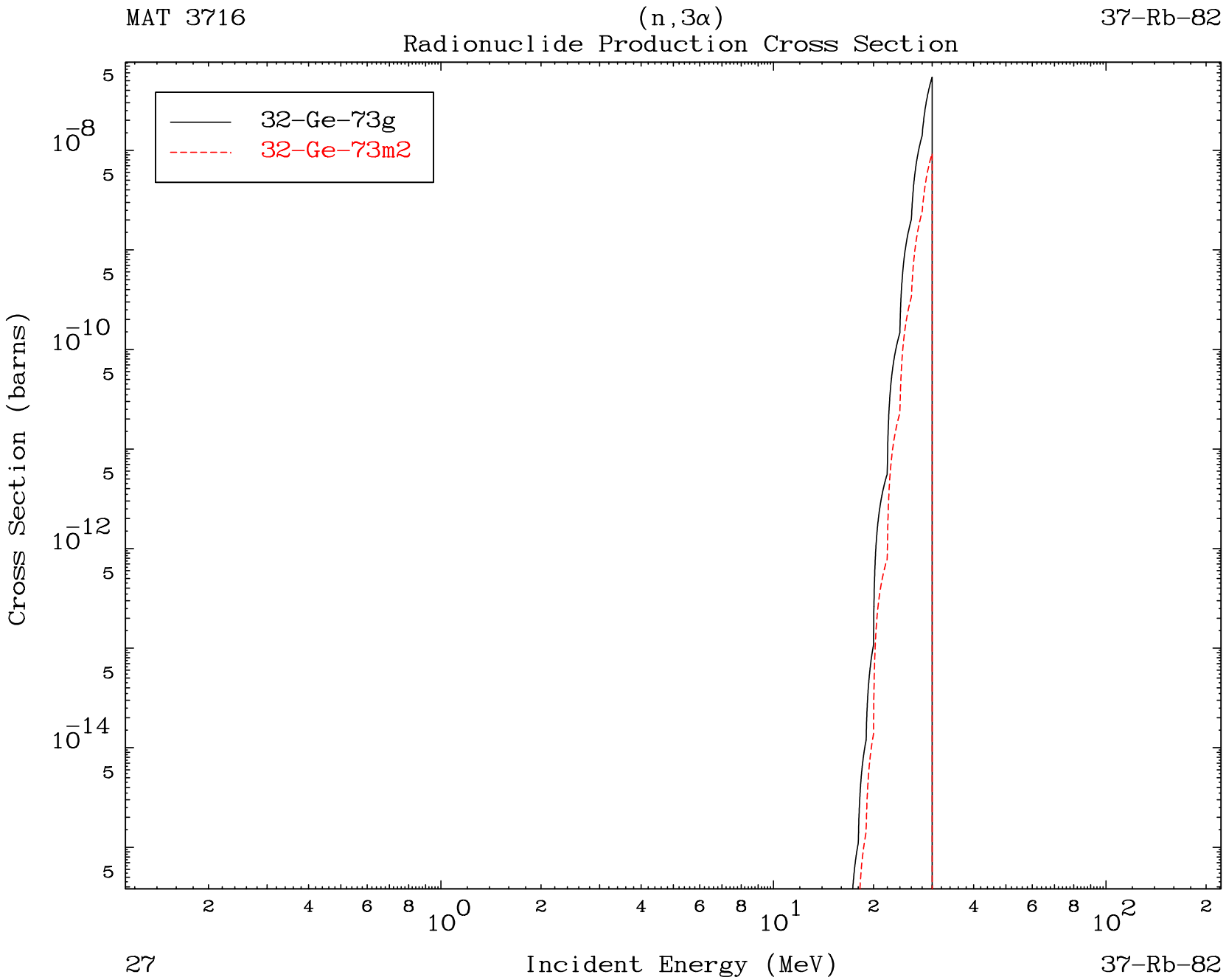

MAT 3716
(n,γ)
37-Rb-82
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
Incident Energy (MeV)
22
37-Rb-82

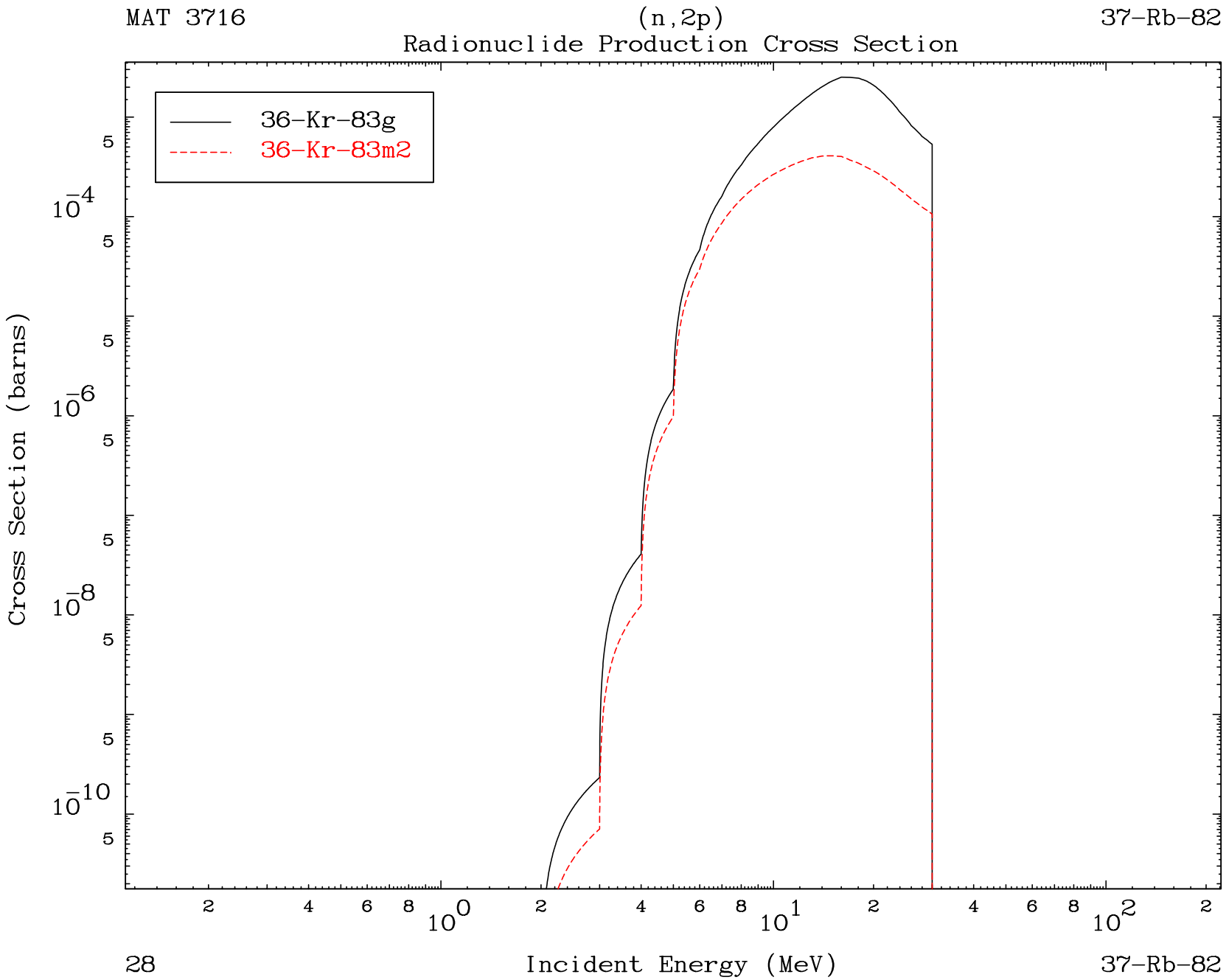

MAT 3716
(n,p)
37-Rb-82
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
23
37-Rb-82

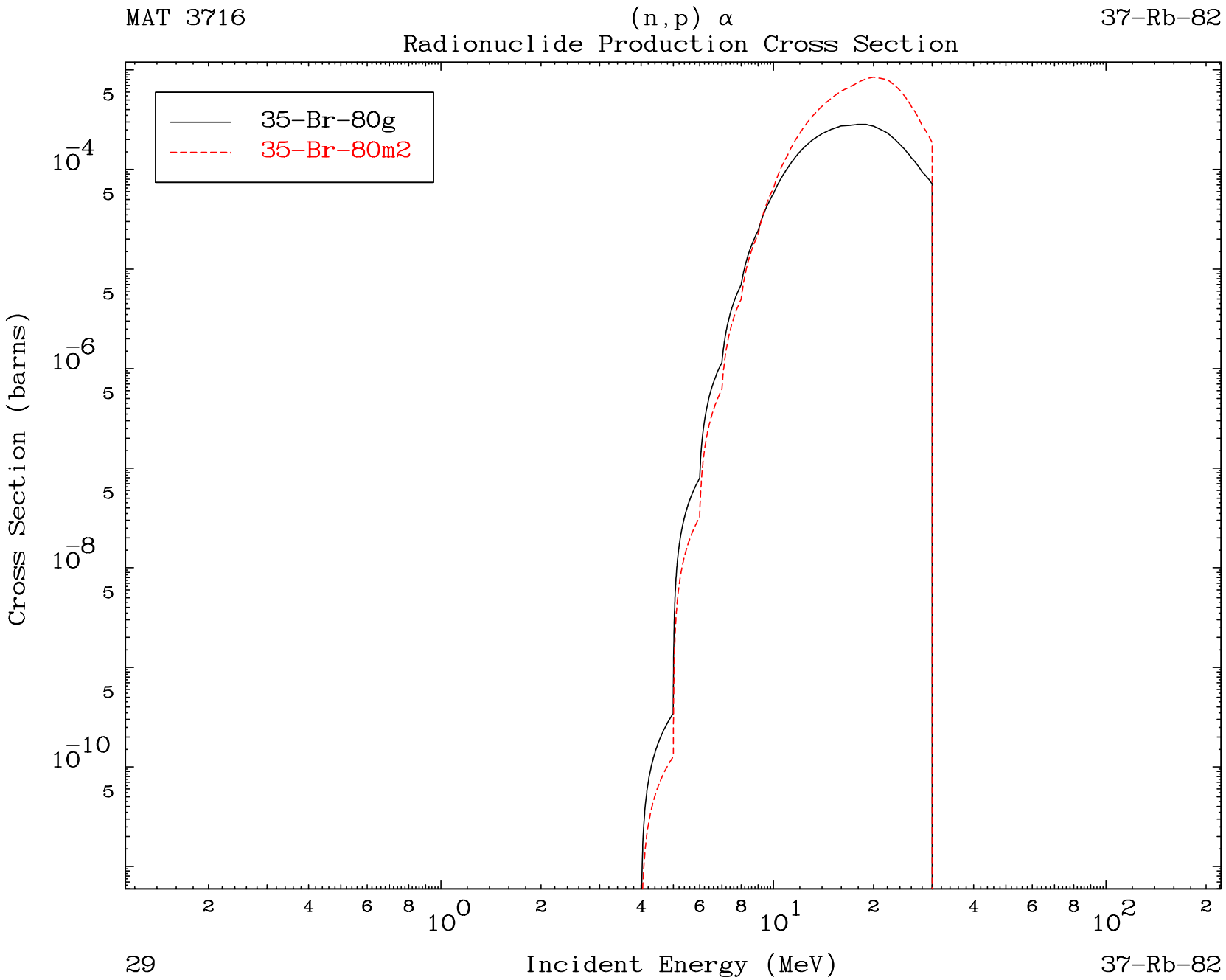

MAT 3716
(n,t)
37-Rb-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
24
37-Rb-82

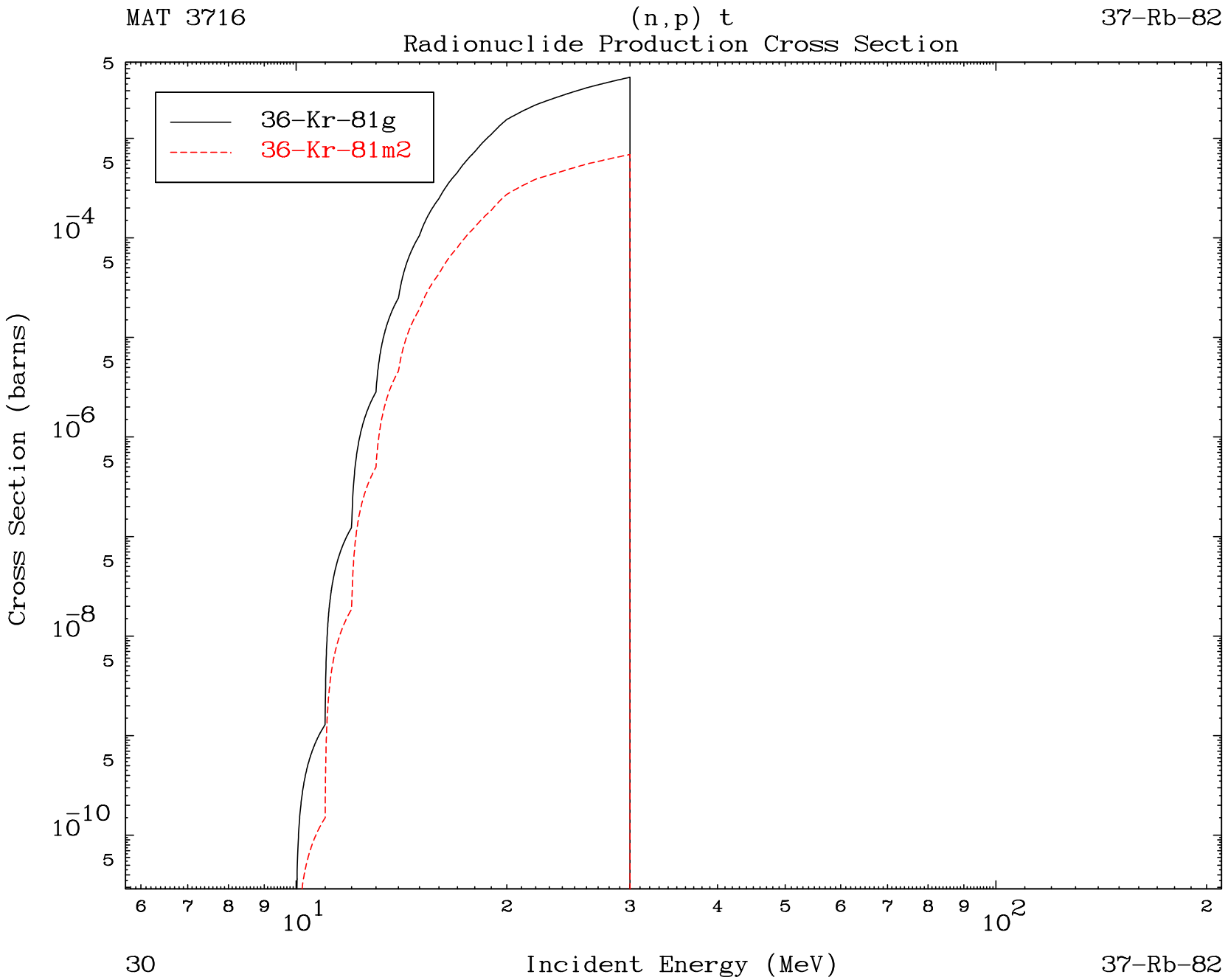

MAT 3716
(n,α)
37-Rb-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
25
37-Rb-82

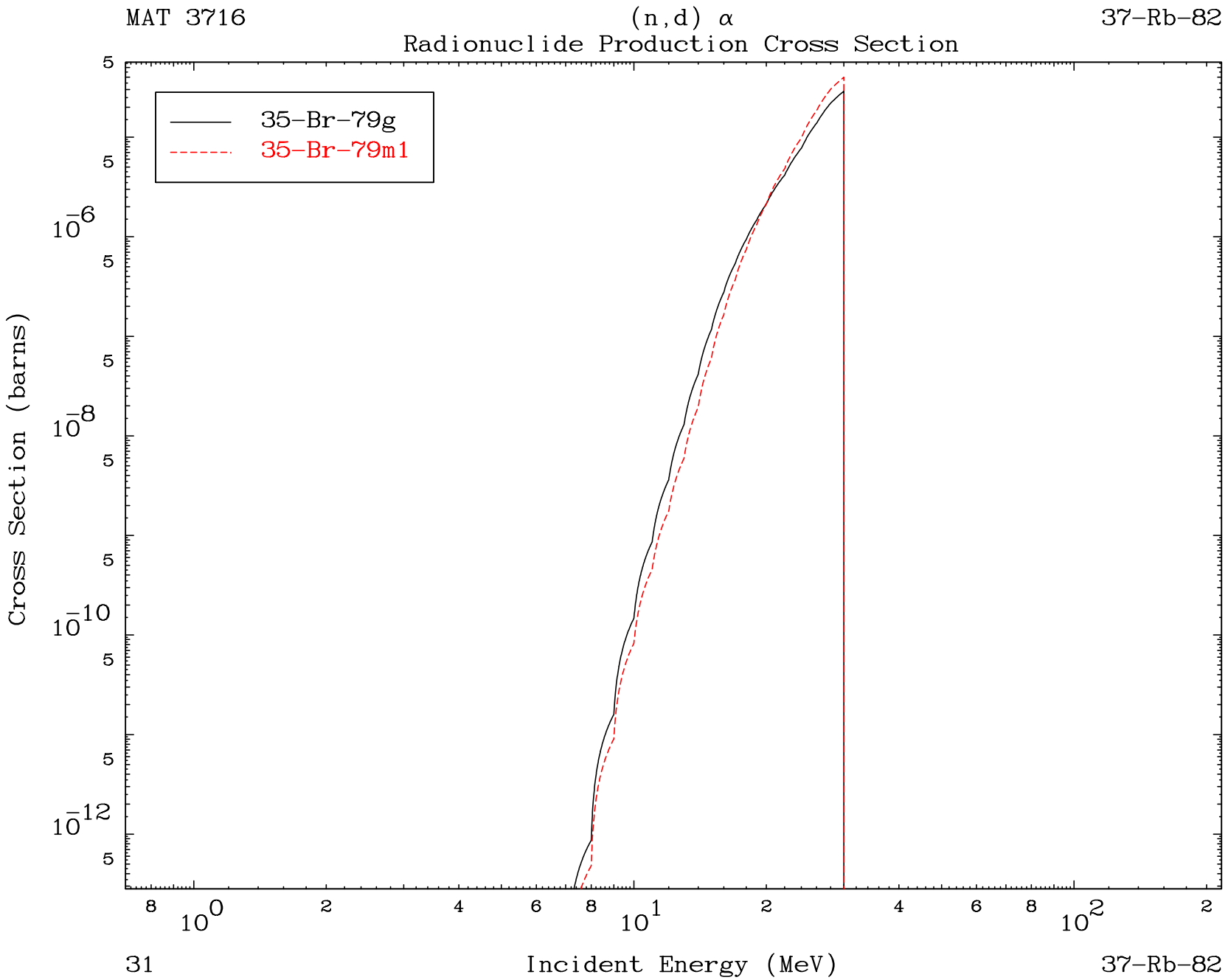

MAT 3716
(n,2α)
37-Rb-82
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
26
37-Rb-82


MAT 3716
(n,3α)
37-Rb-82
Radionuclide Production Cross Section
32-Ge-73g
32-Ge-73m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
27
37-Rb-82


MAT 3716
(n,2p)
37-Rb-82
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
28
37-Rb-82


MAT 3716
(n,p) α
37-Rb-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)
29
37-Rb-82


MAT 3716
(n,p) t
37-Rb-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
30
37-Rb-82


MAT 3716
(n,d) α
37-Rb-82
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
Incident Energy (MeV)
31
37-Rb-82