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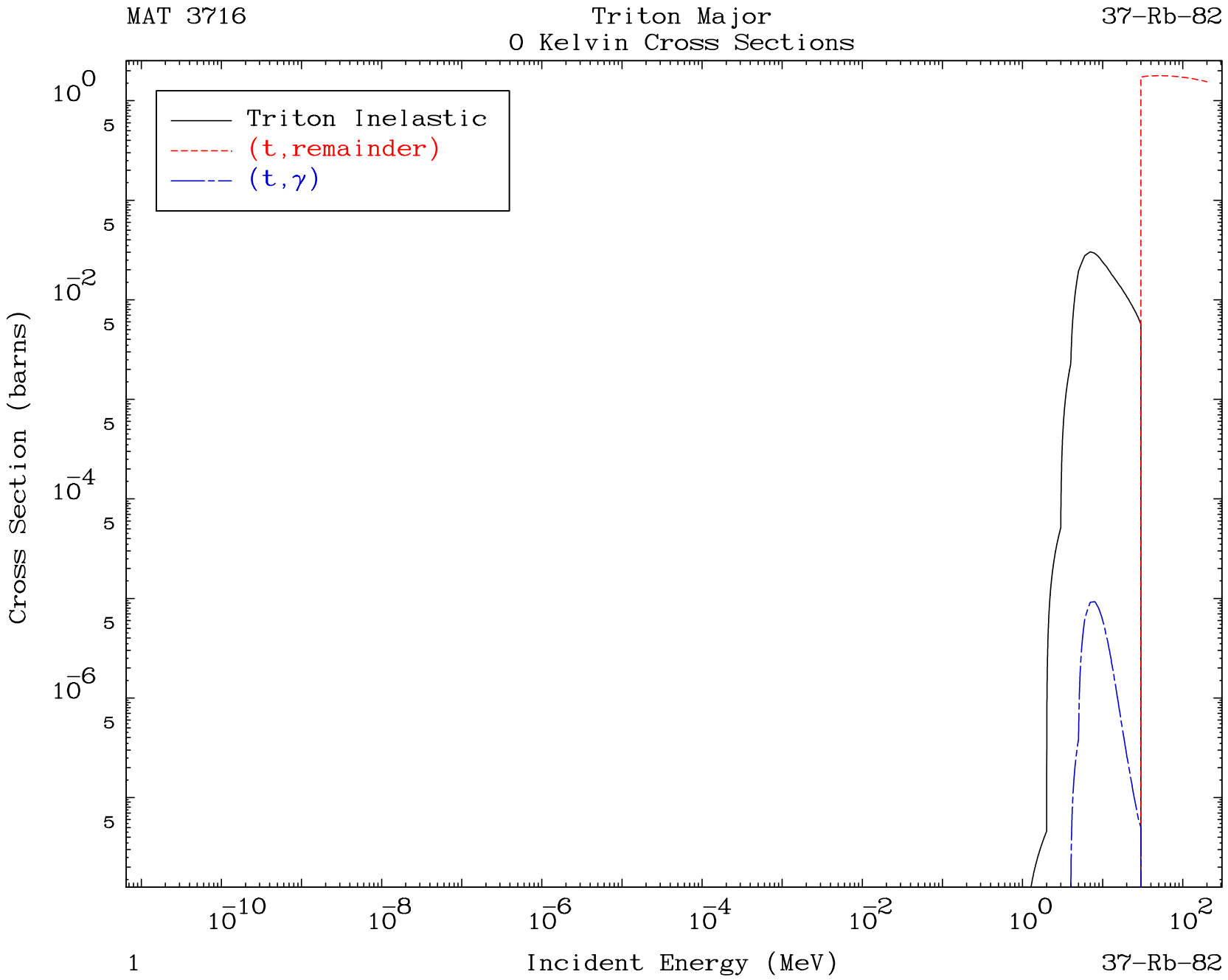
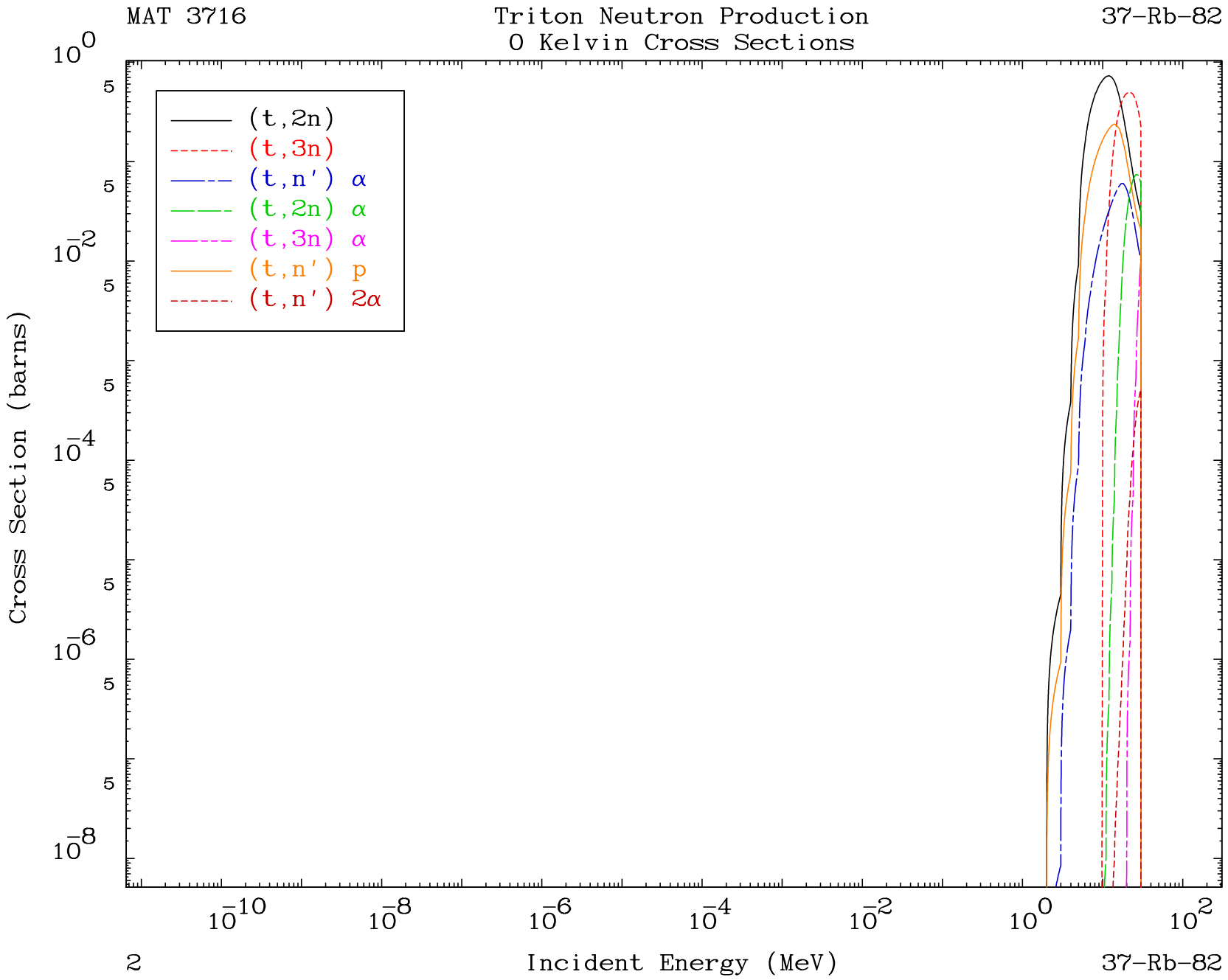
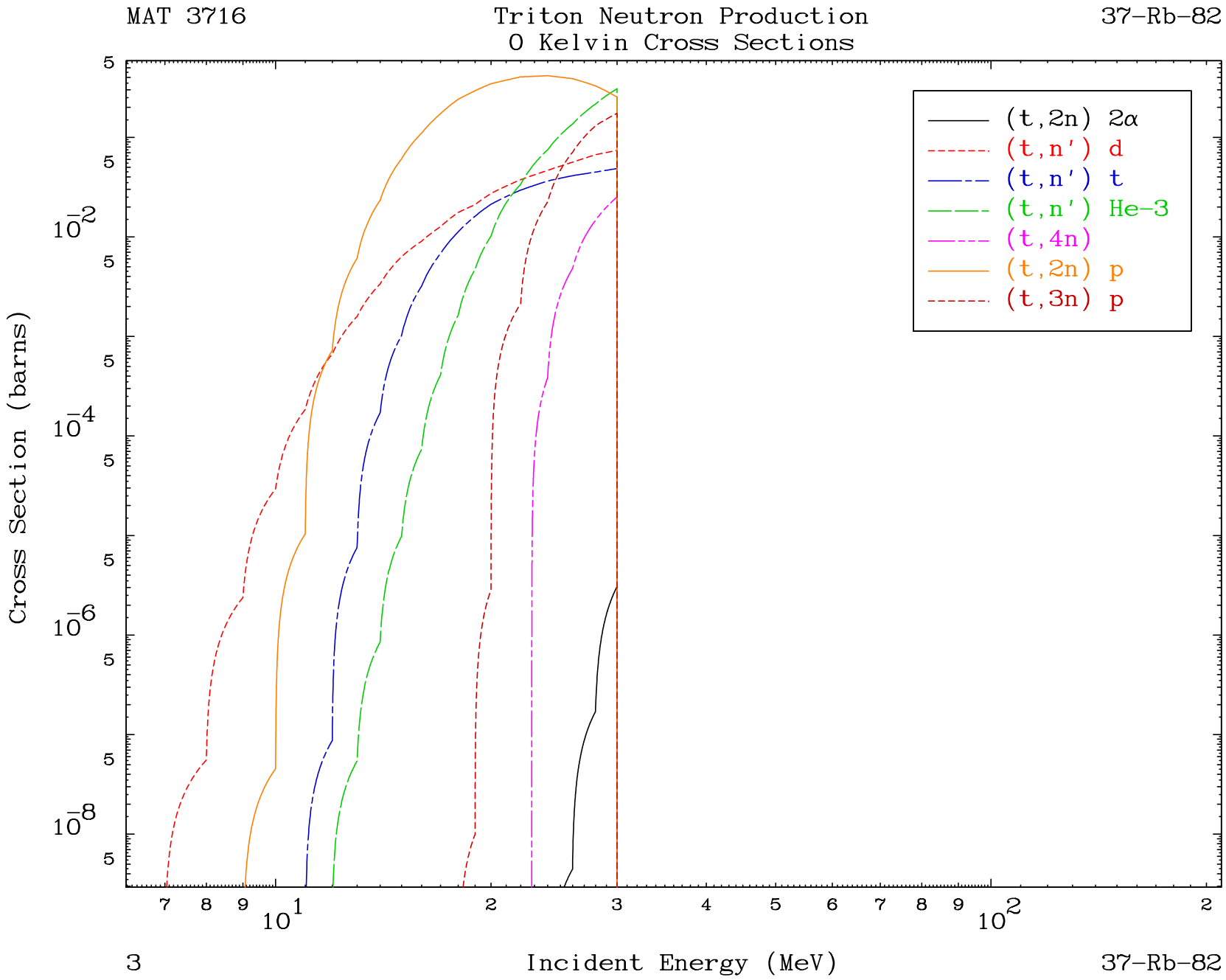
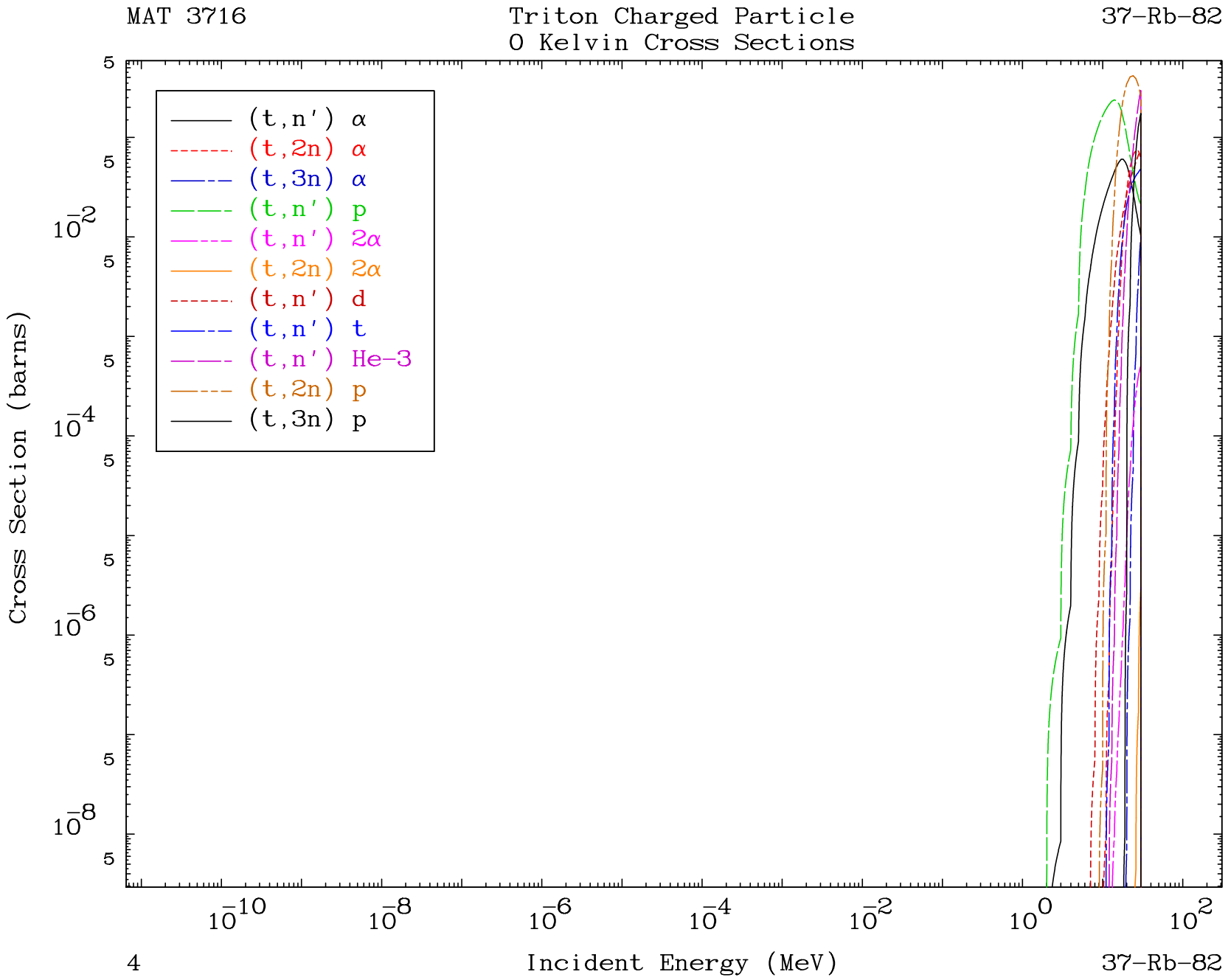
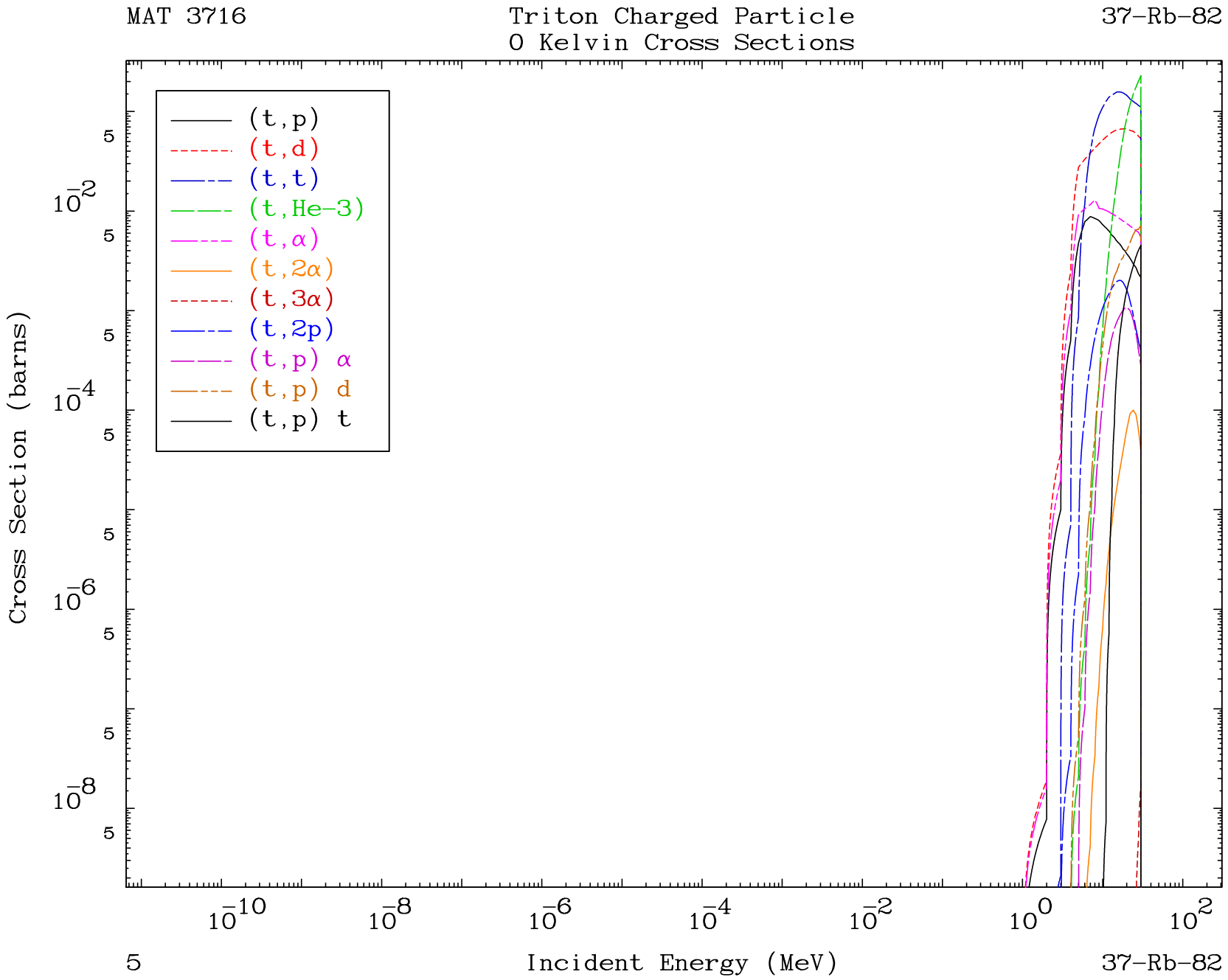
Press Mouse Button to Start

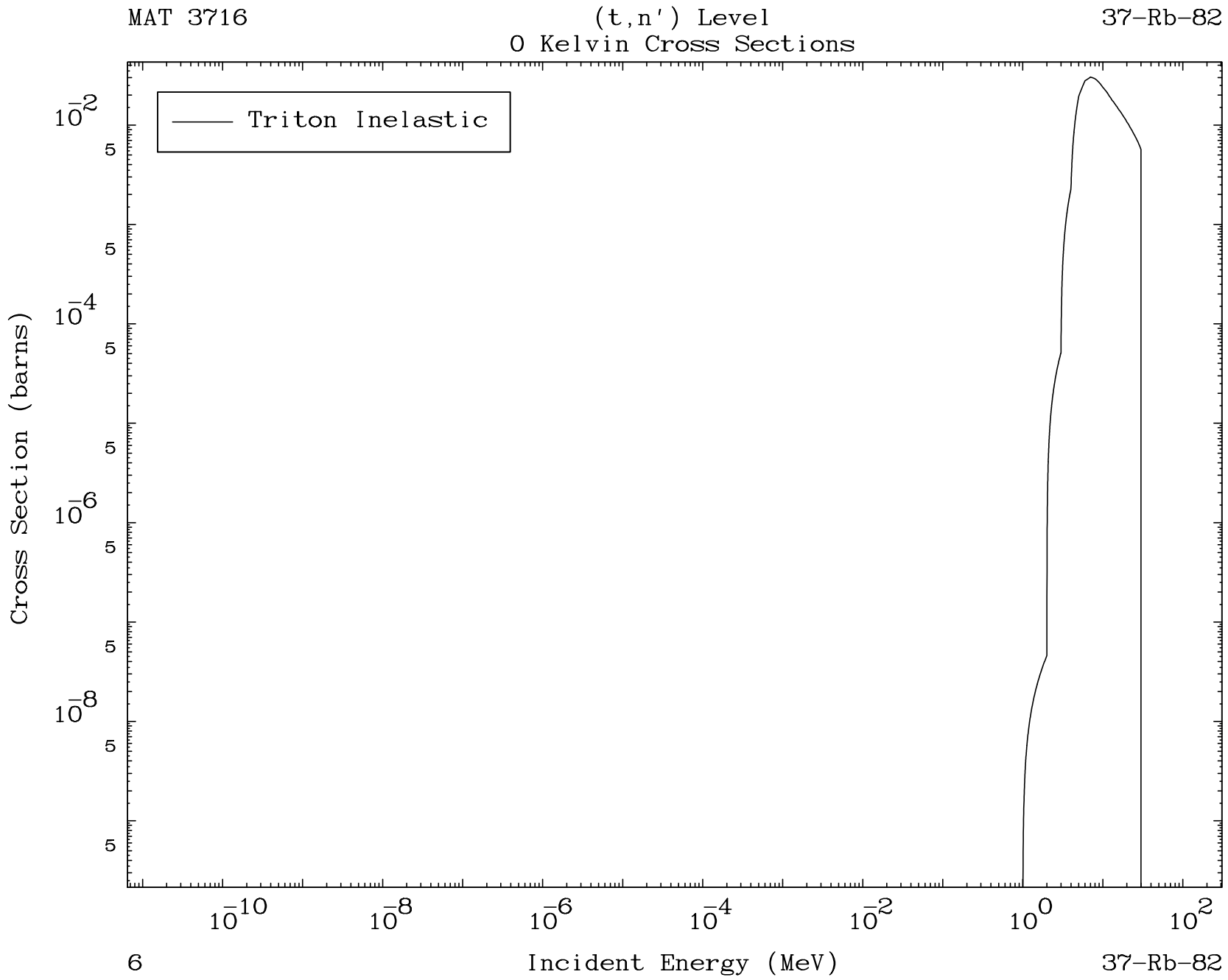

MAT 3716
Triton Major
37-Rb-82
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-82
1

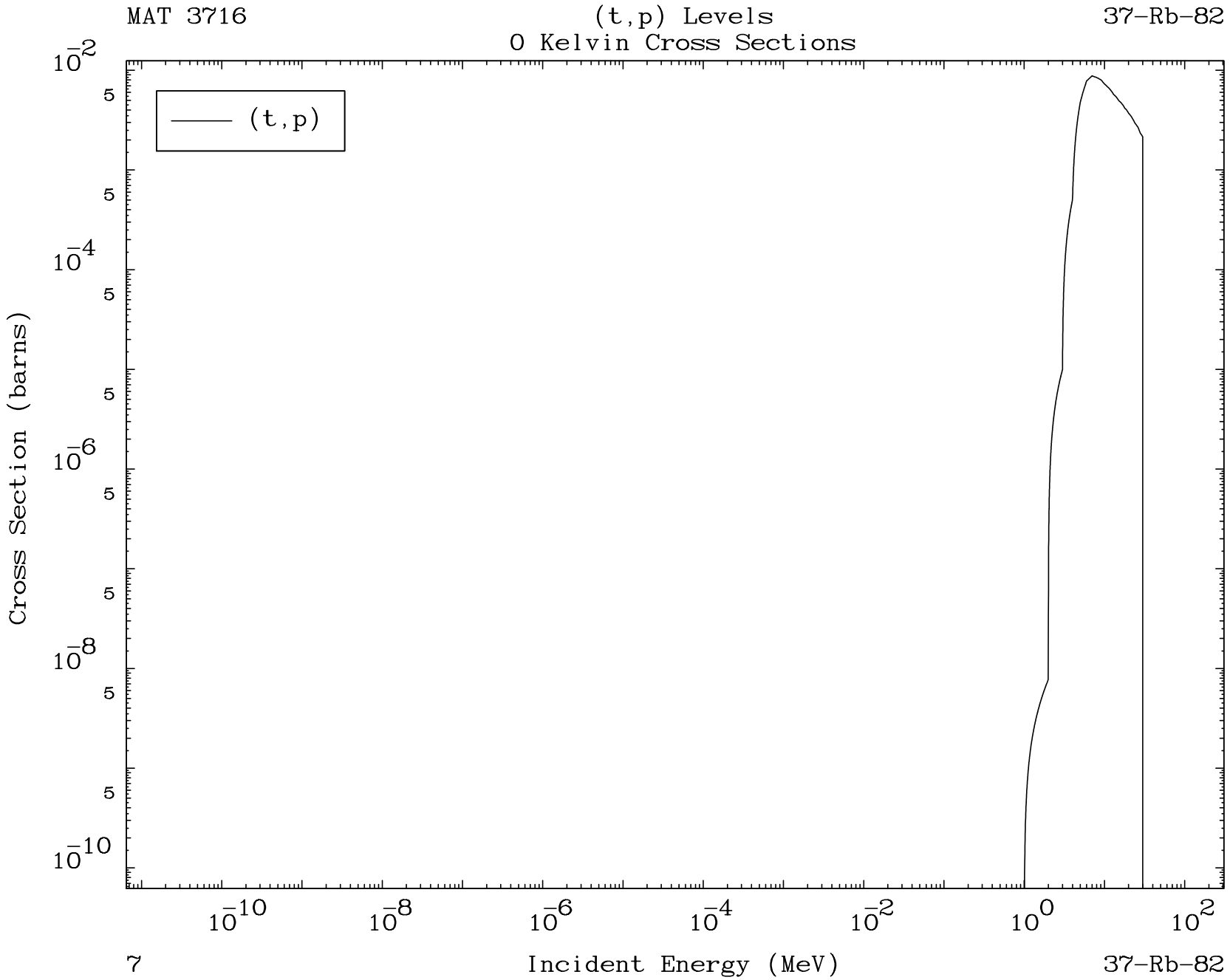

MAT 3716
Triton Neutron Production
0 Kelvin Cross Sections
37-Rb-82
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
37-Rb-82

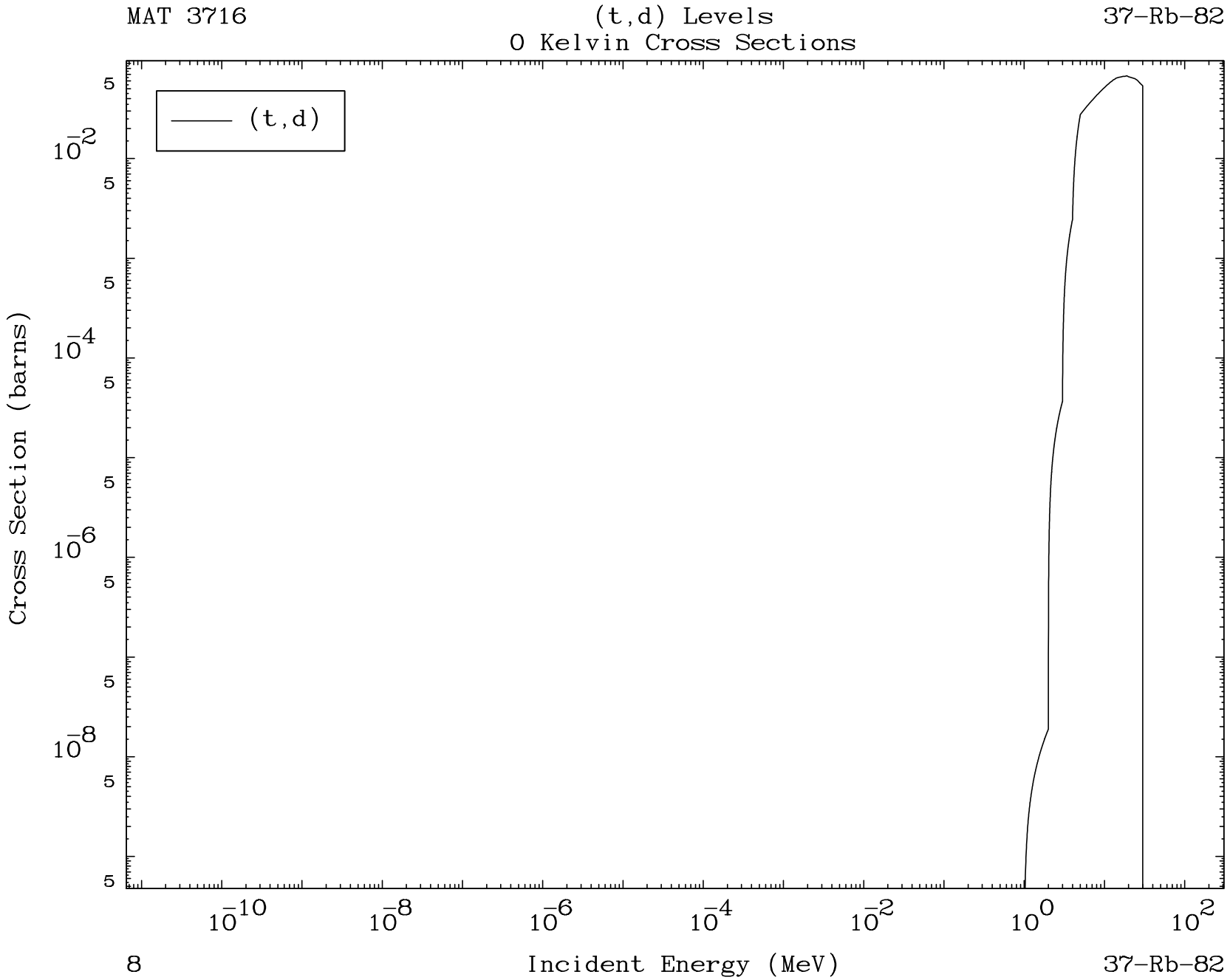

MAT 3716
Triton Neutron Production
0 Kelvin Cross Sections
37-Rb-82
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-82

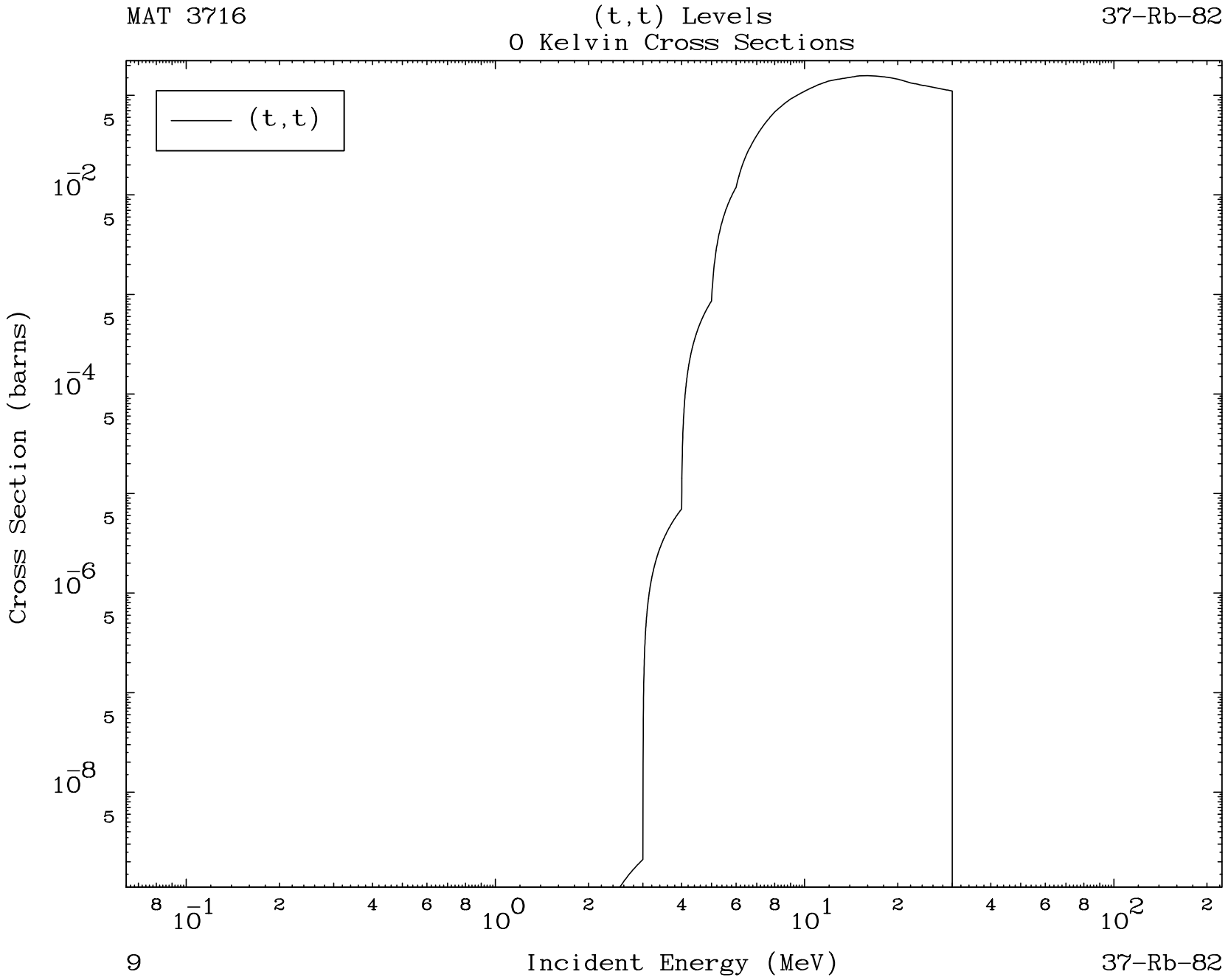

MAT 3716
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-82
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-82

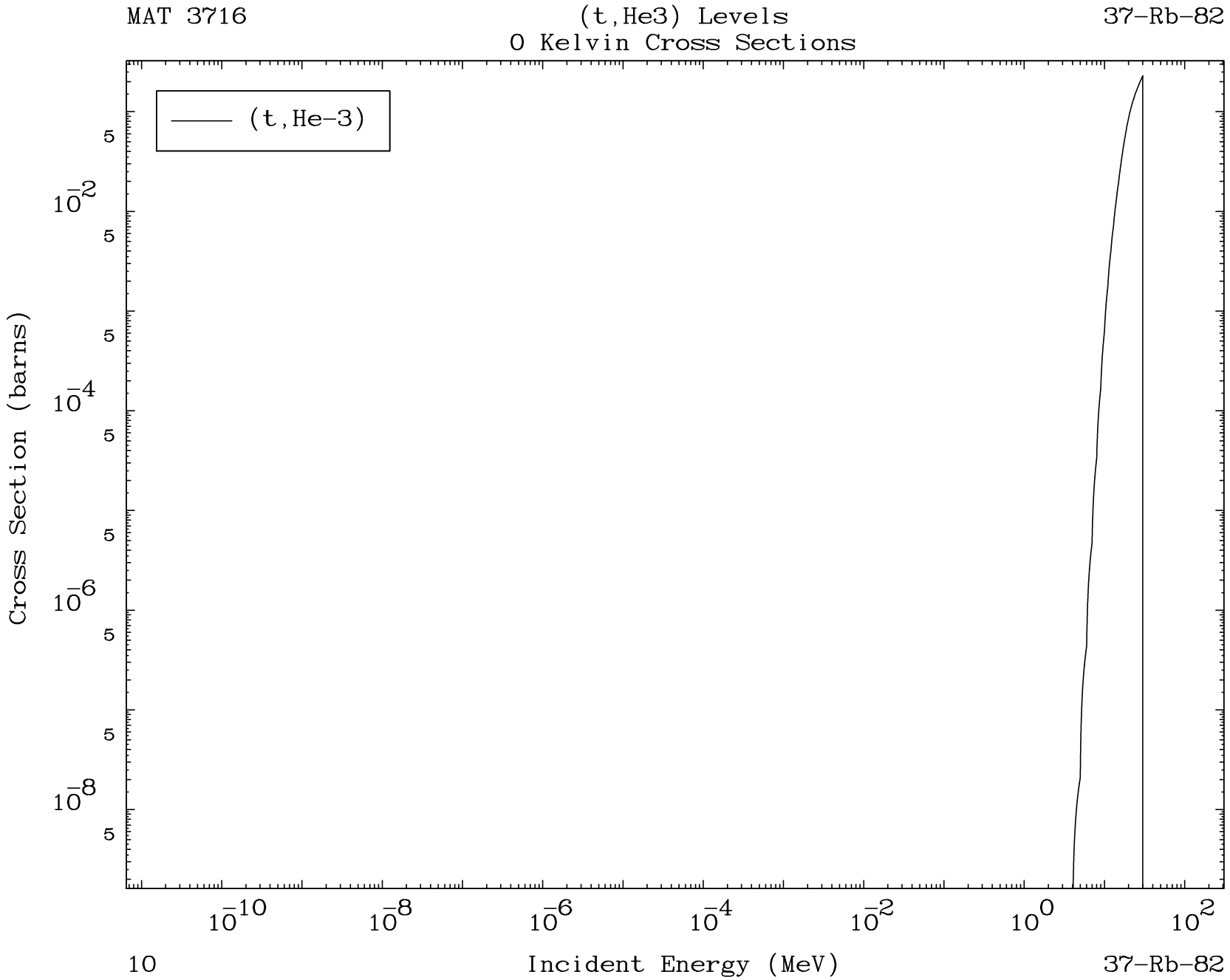

MAT 3716
Triton Charged Particle
0 Kelvin Cross Sections
37-Rb-82
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
37-Rb-82

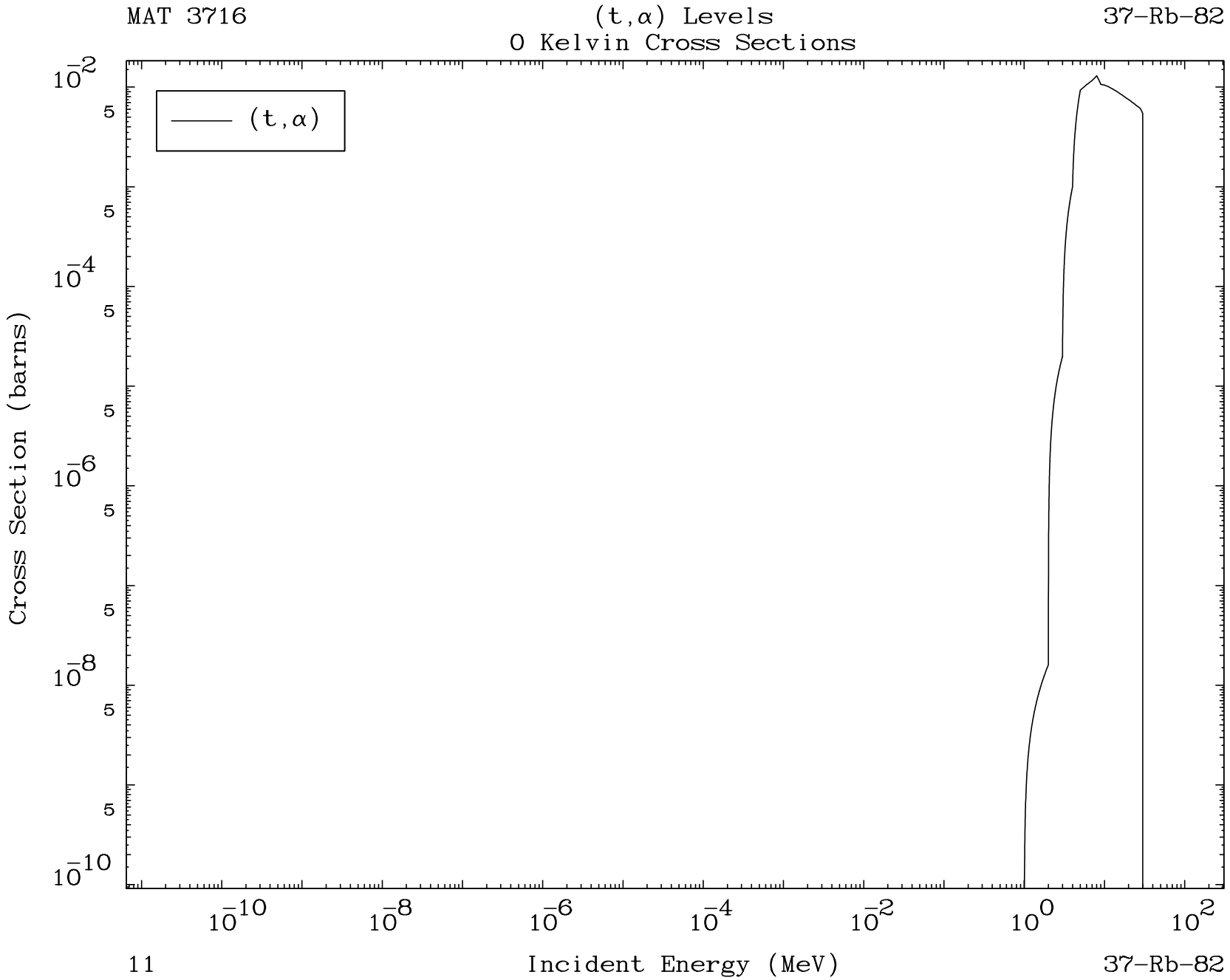

MAT 3716
(t,n') Level
37-Rb-82
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-82

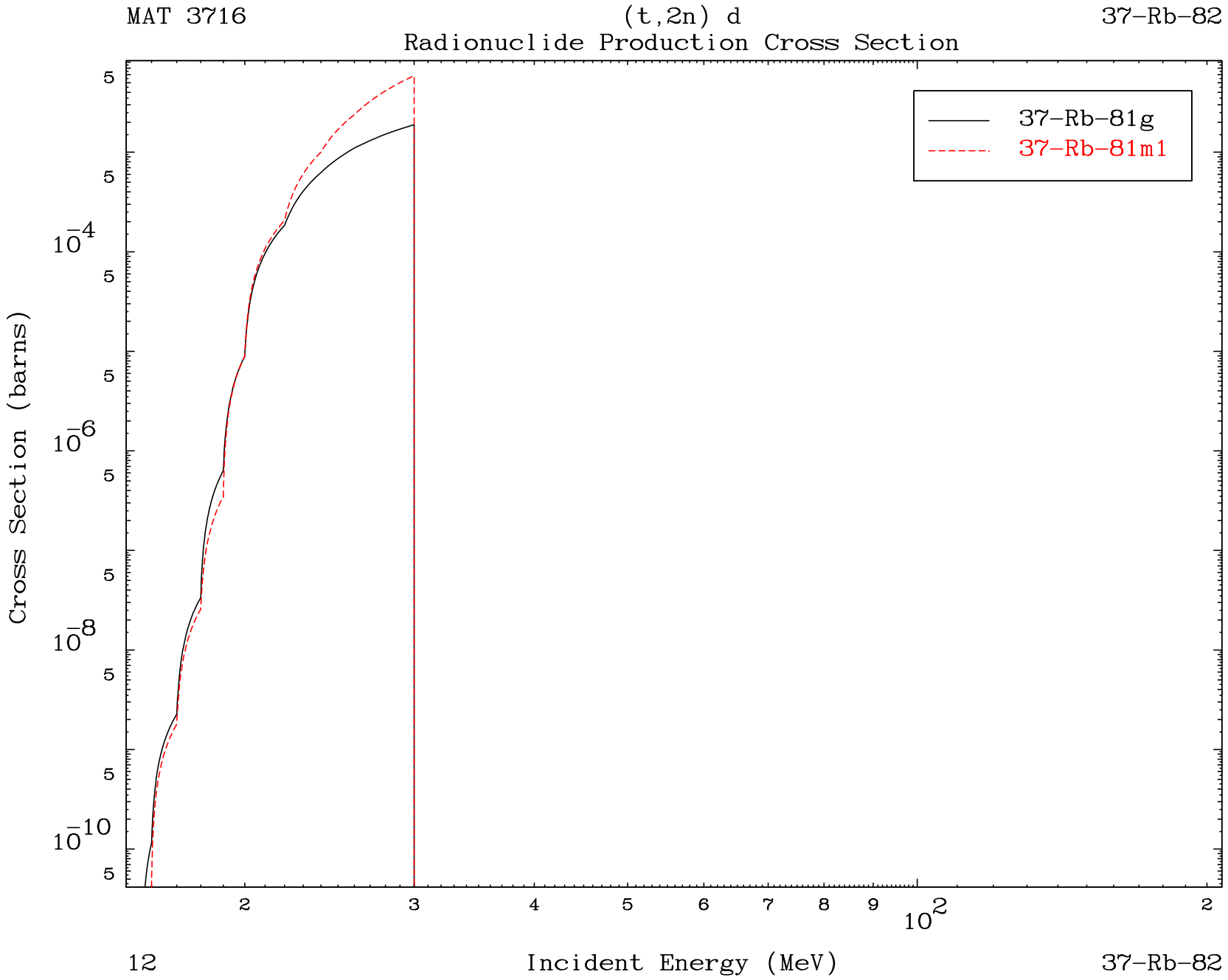

MAT 3716
(t,p) Levels
37-Rb-82
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
37-Rb-82

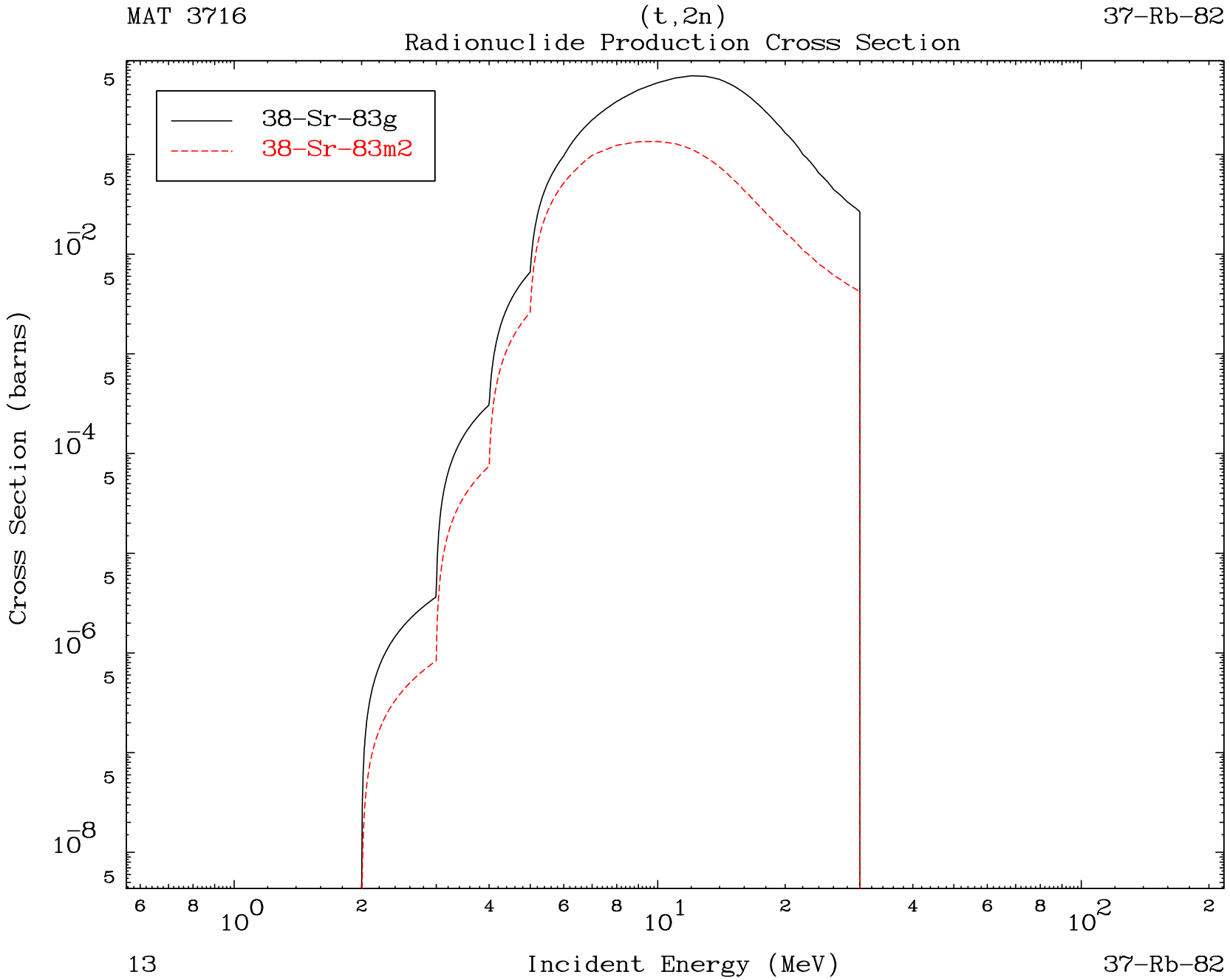

MAT 3716
(t,d) Levels
37-Rb-82
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
37-Rb-82

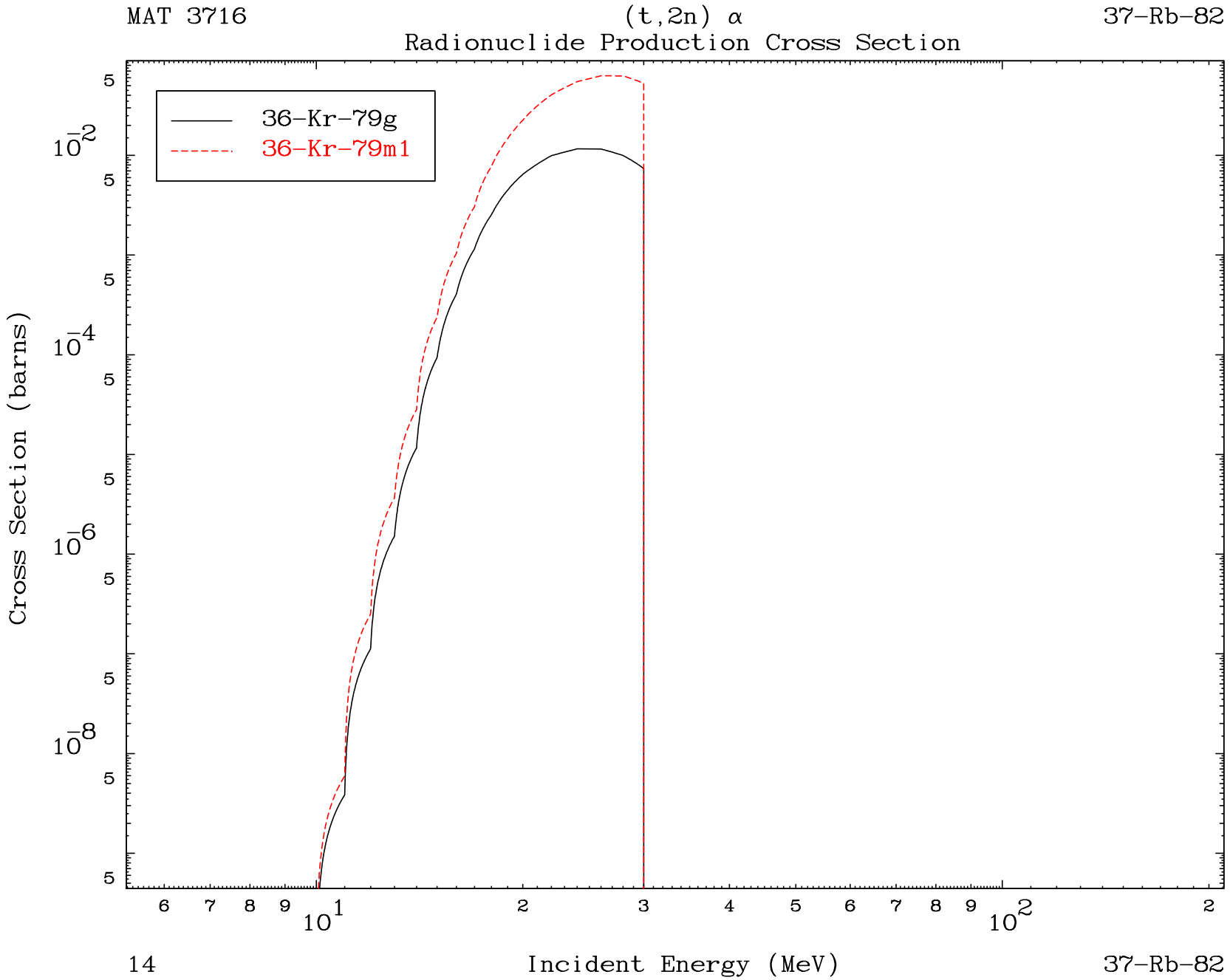

MAT 3716
(t,t) Levels
37-Rb-82
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
37-Rb-82

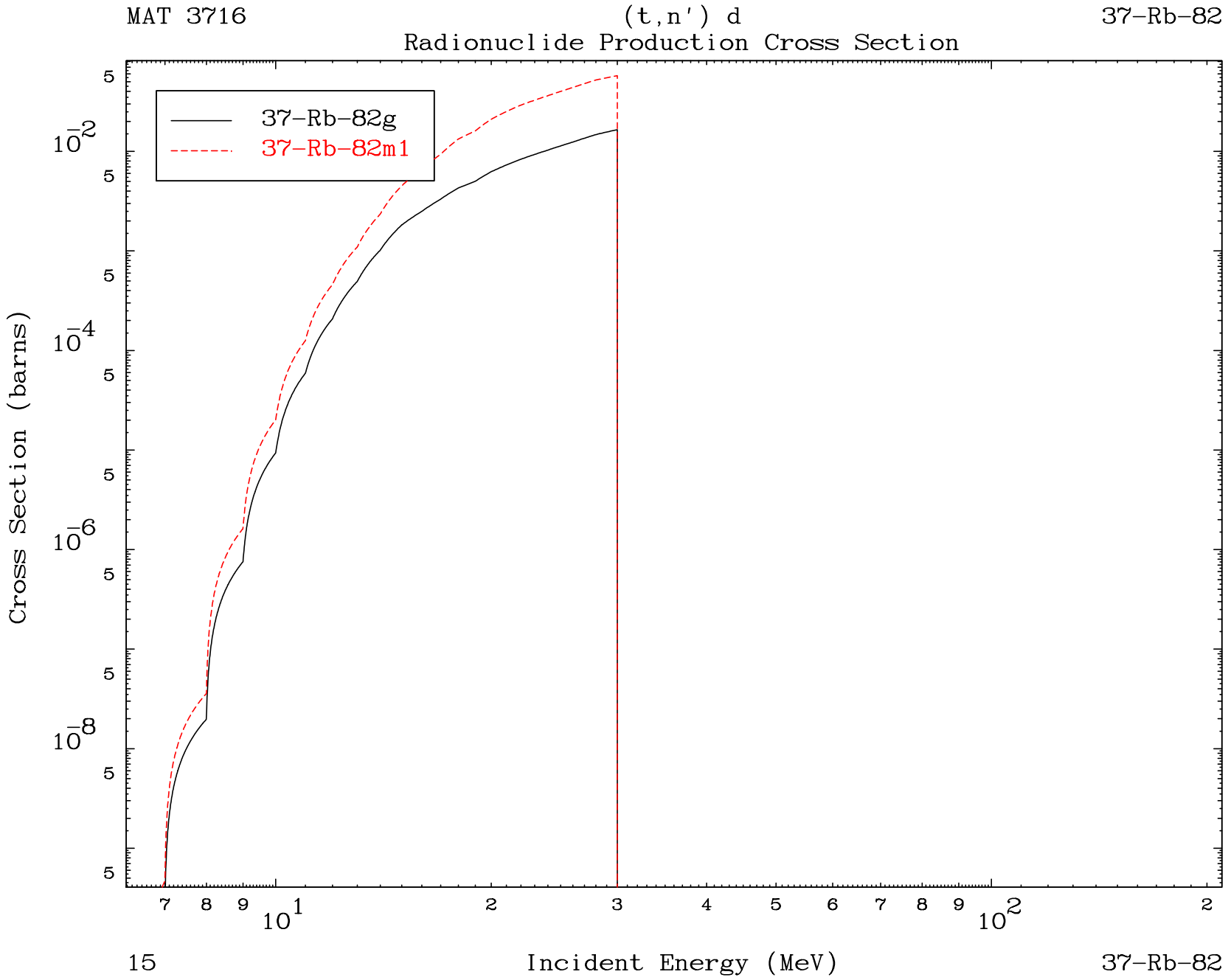

MAT 3716
(t,He3) Levels
37-Rb-82
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
37-Rb-82

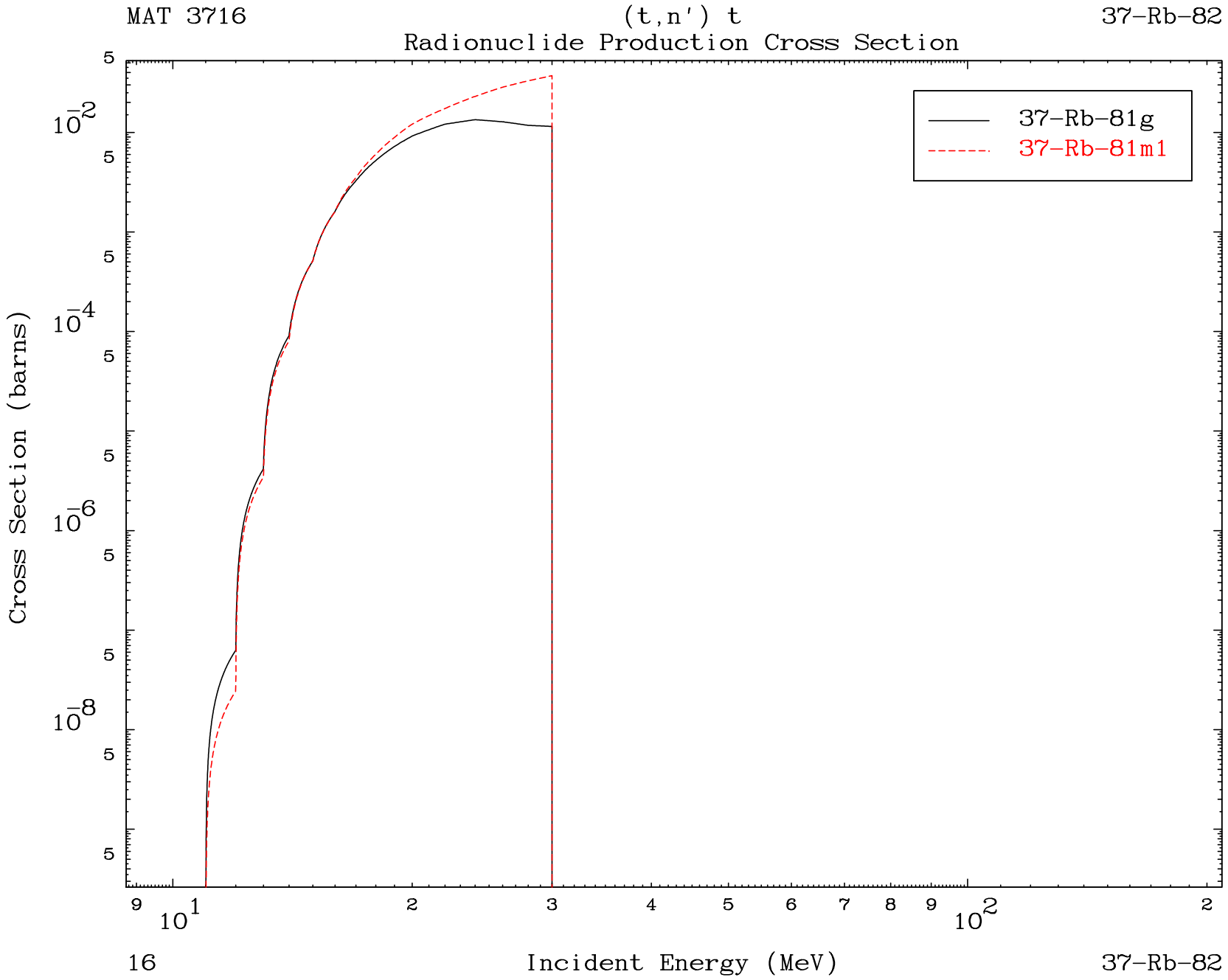

MAT 3716
(t,α) Levels
37-Rb-82
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
37-Rb-82

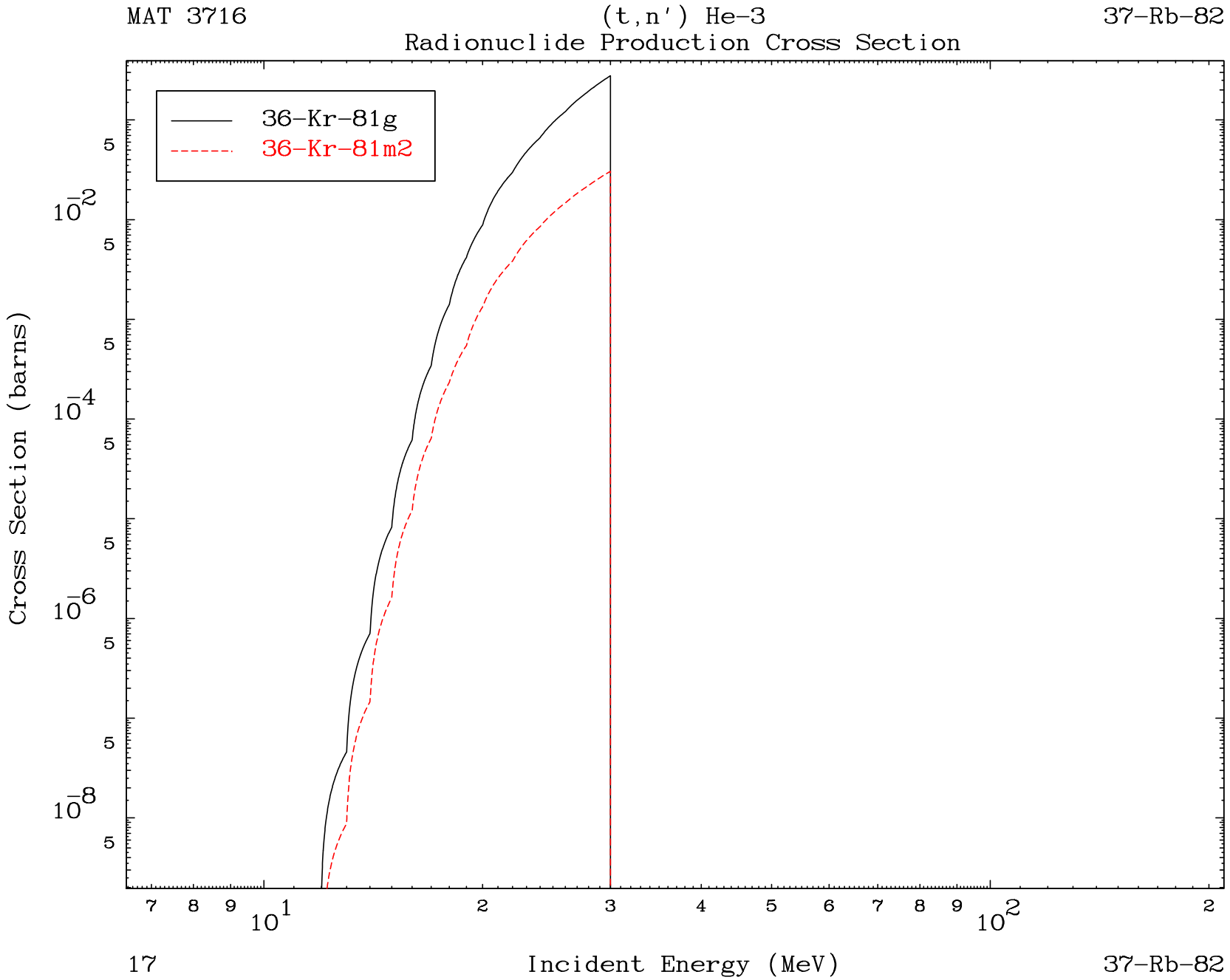

MAT 3716
(t,2n) d
37-Rb-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
12
37-Rb-82

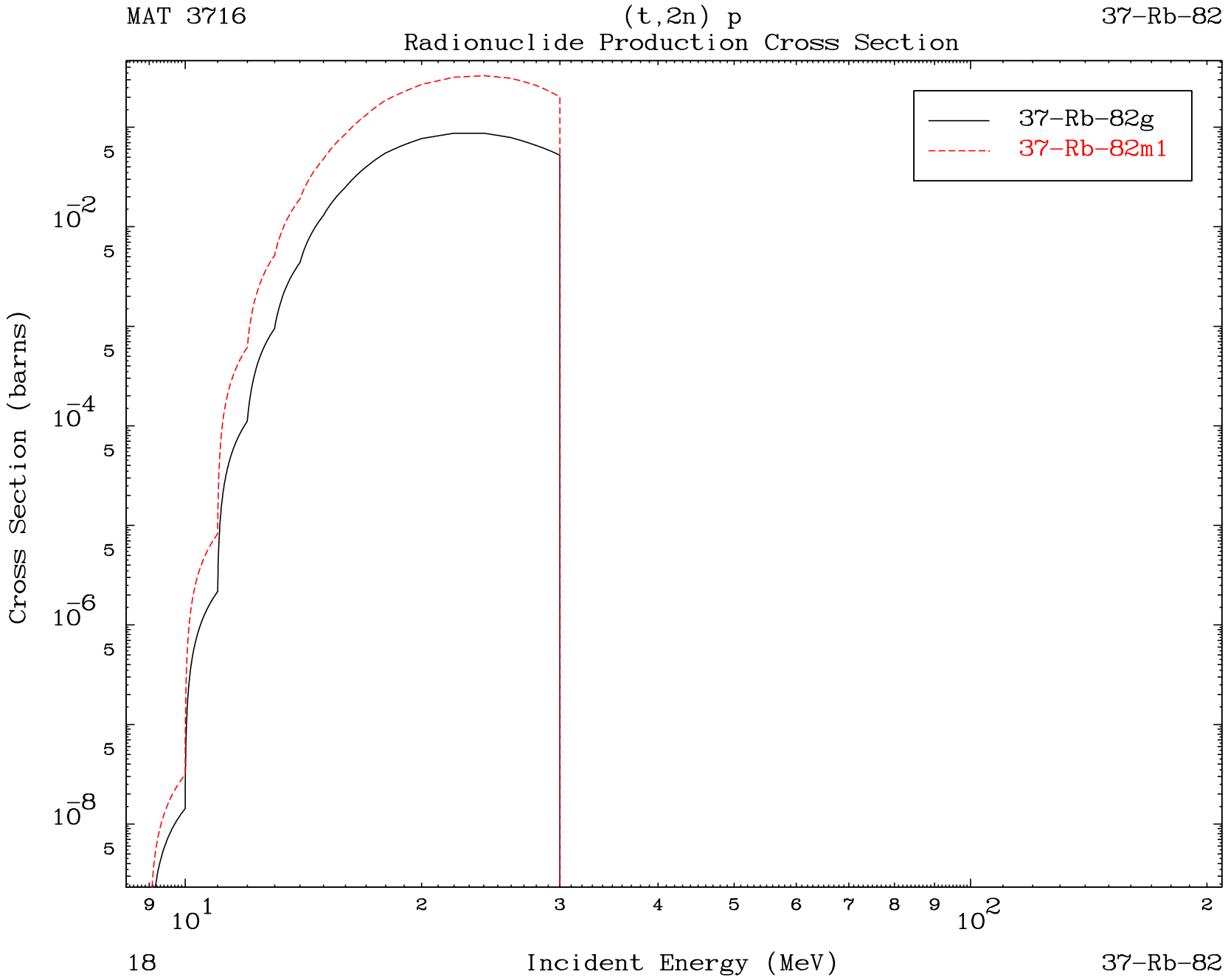

MAT 3716
(t,2n)
37-Rb-82
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
13
37-Rb-82

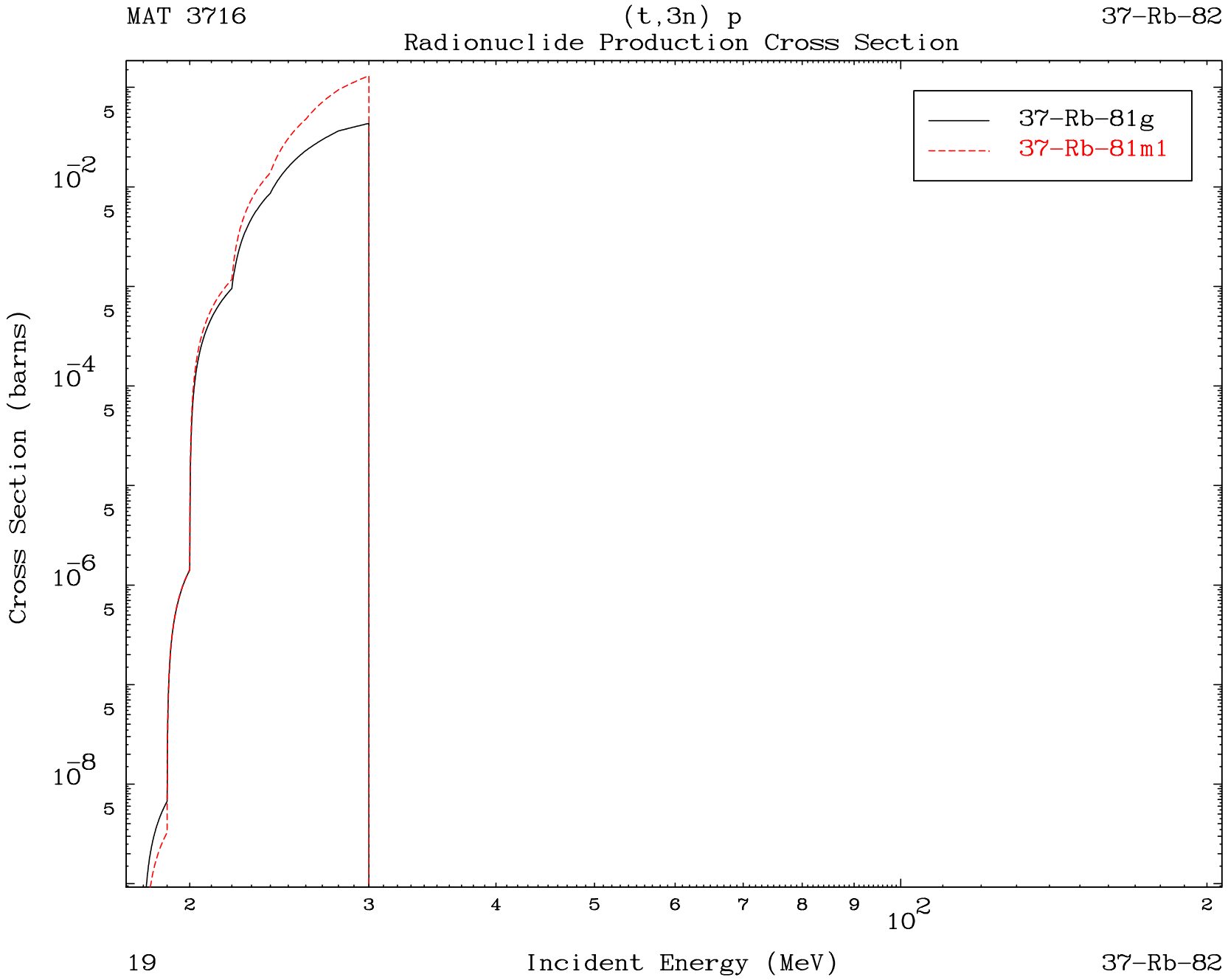

MAT 3716
(t,2n) α
37-Rb-82
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
14
37-Rb-82

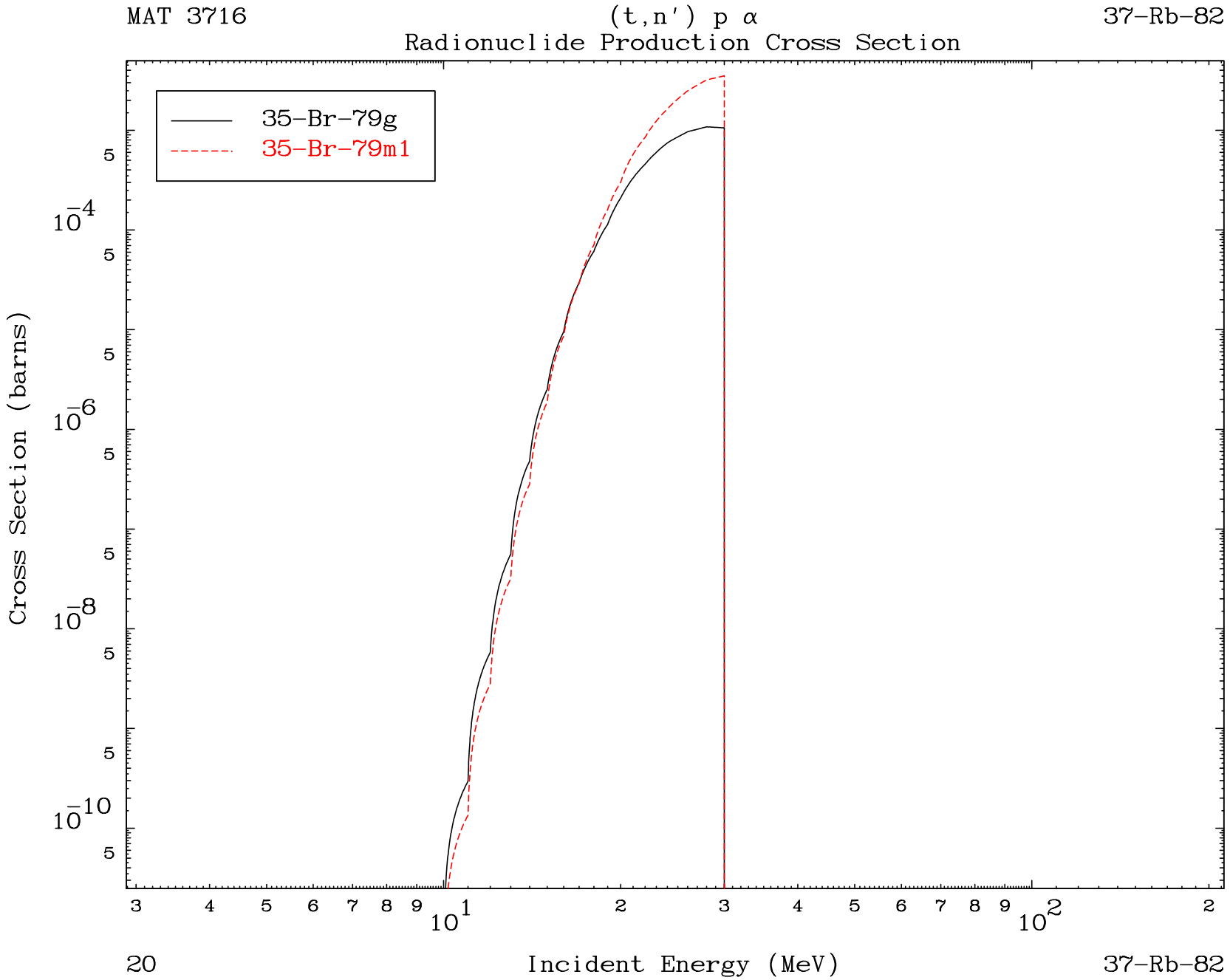

MAT 3716
(t,n') d
37-Rb-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
15
37-Rb-82

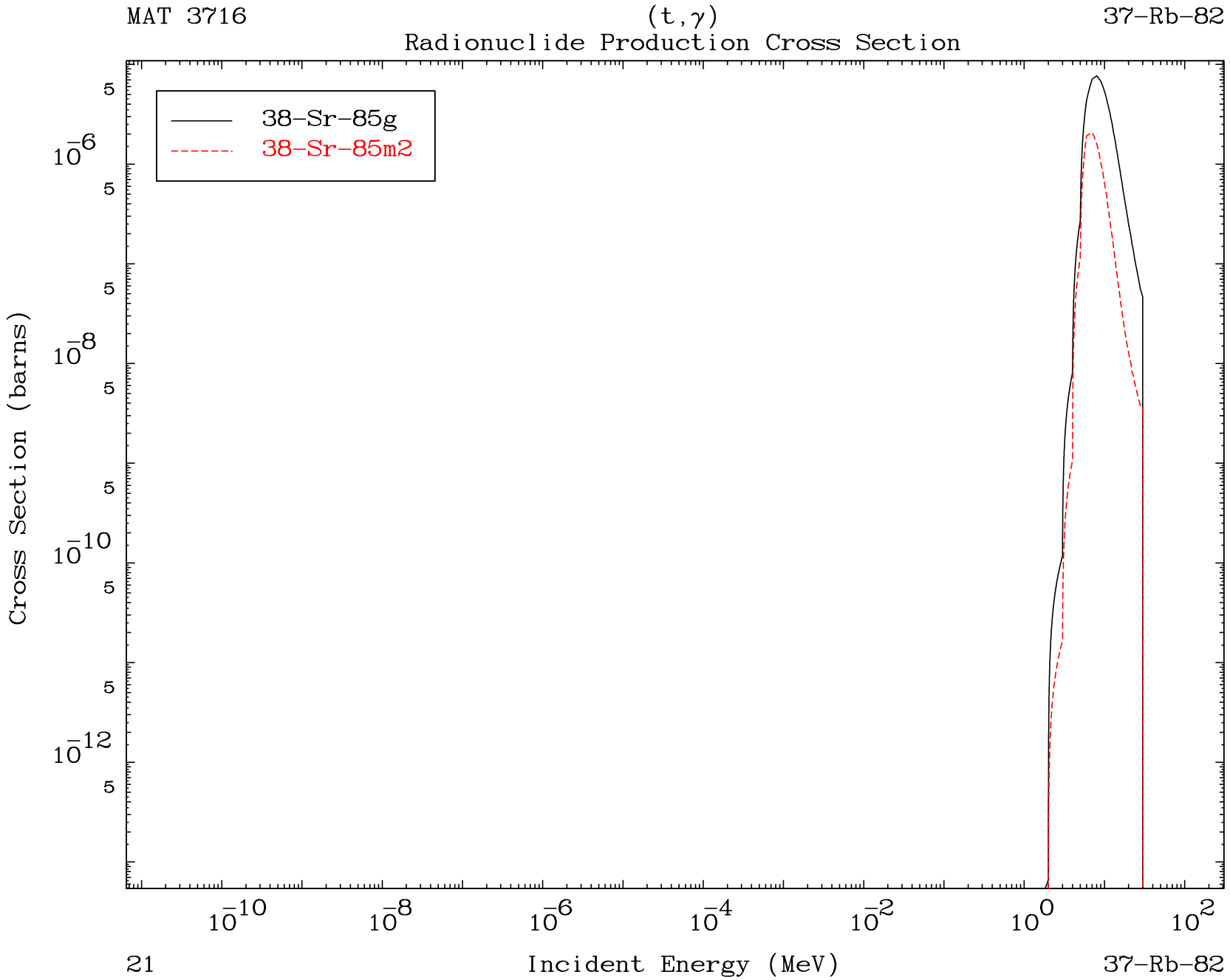

MAT 3716
(t,n') t
37-Rb-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
16
37-Rb-82

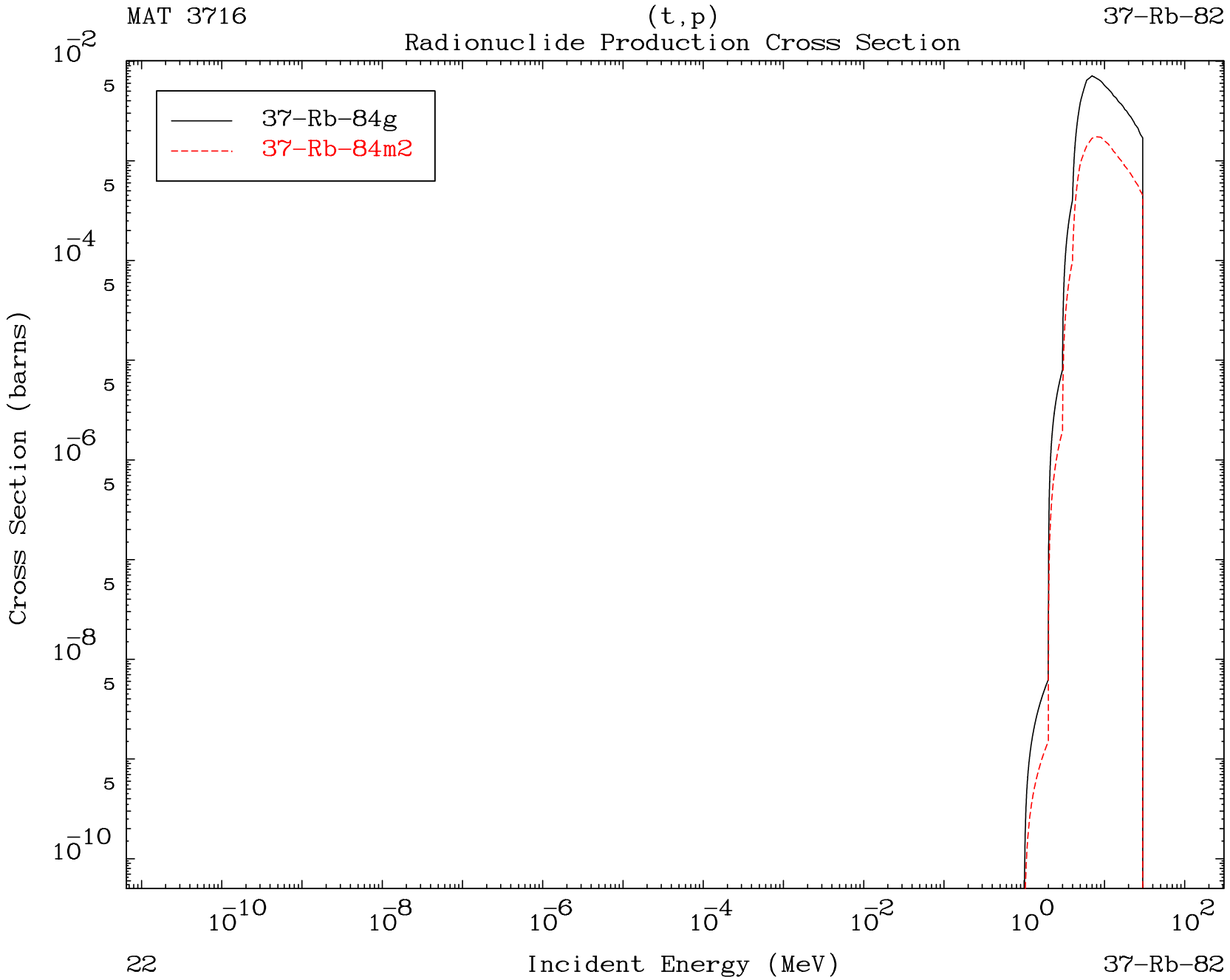

MAT 3716
(t,n') He-3
37-Rb-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
17
37-Rb-82

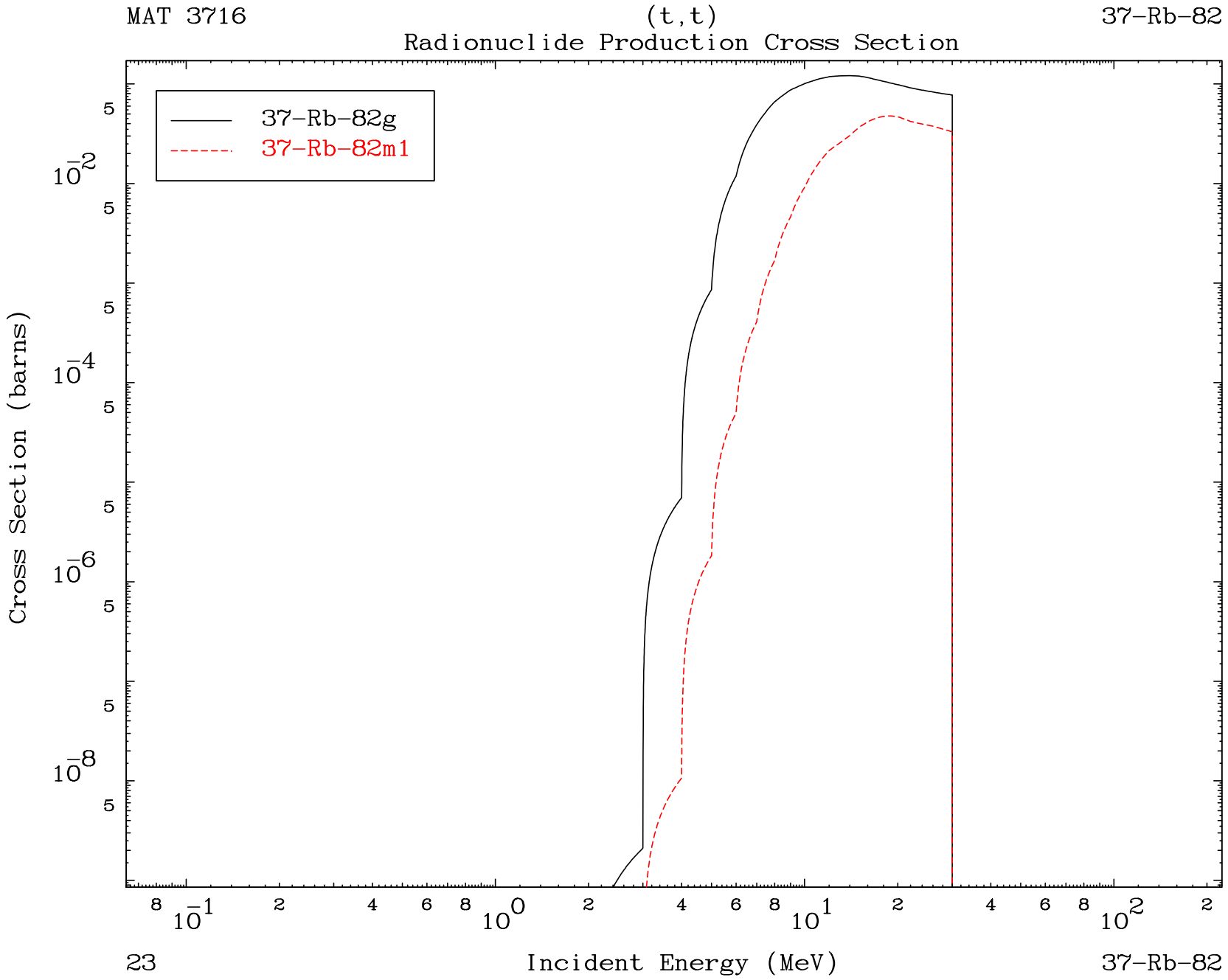

MAT 3716
(t,2n) p
37-Rb-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
18
37-Rb-82

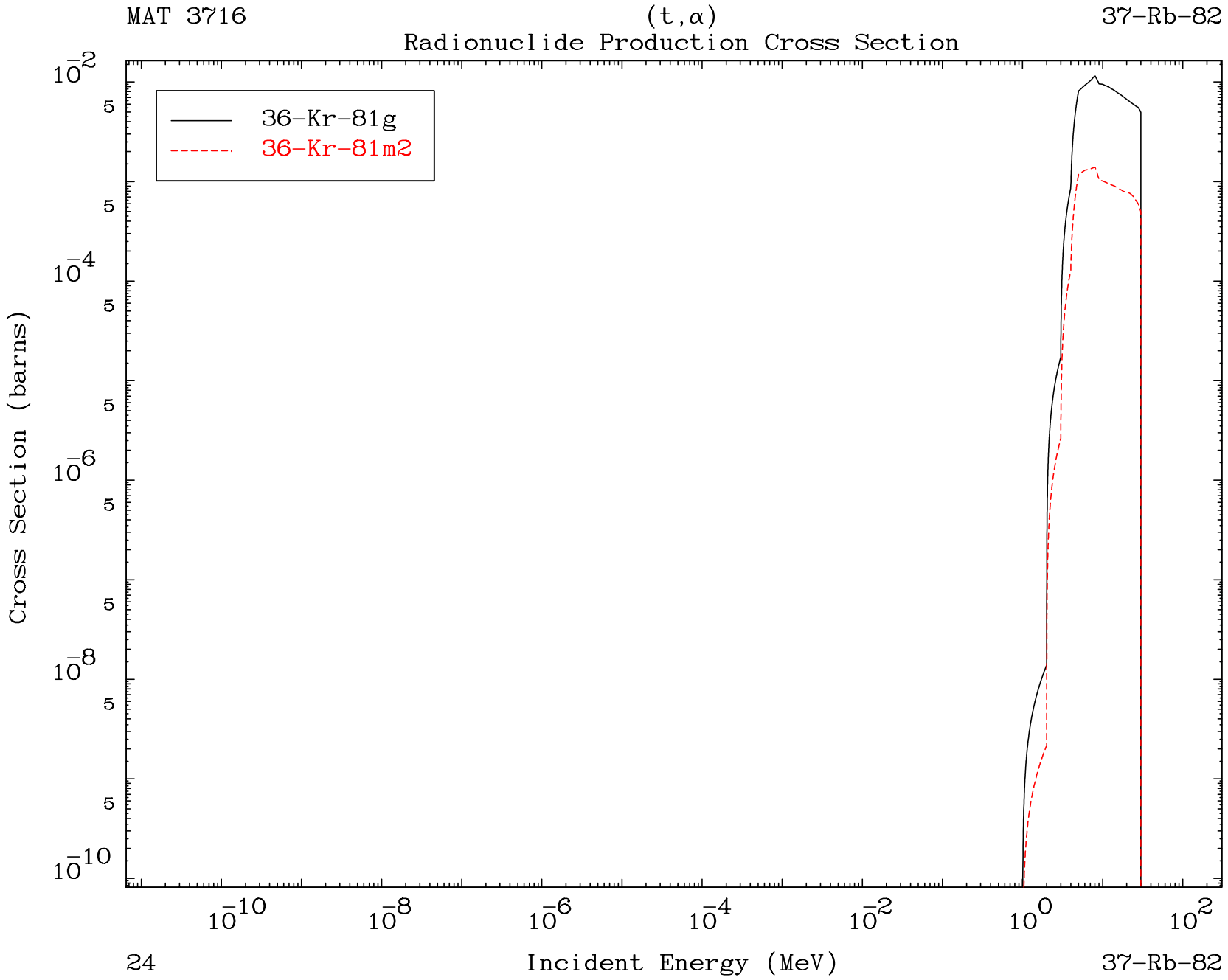

MAT 3716
(t,3n) p
37-Rb-82
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
37-Rb-82

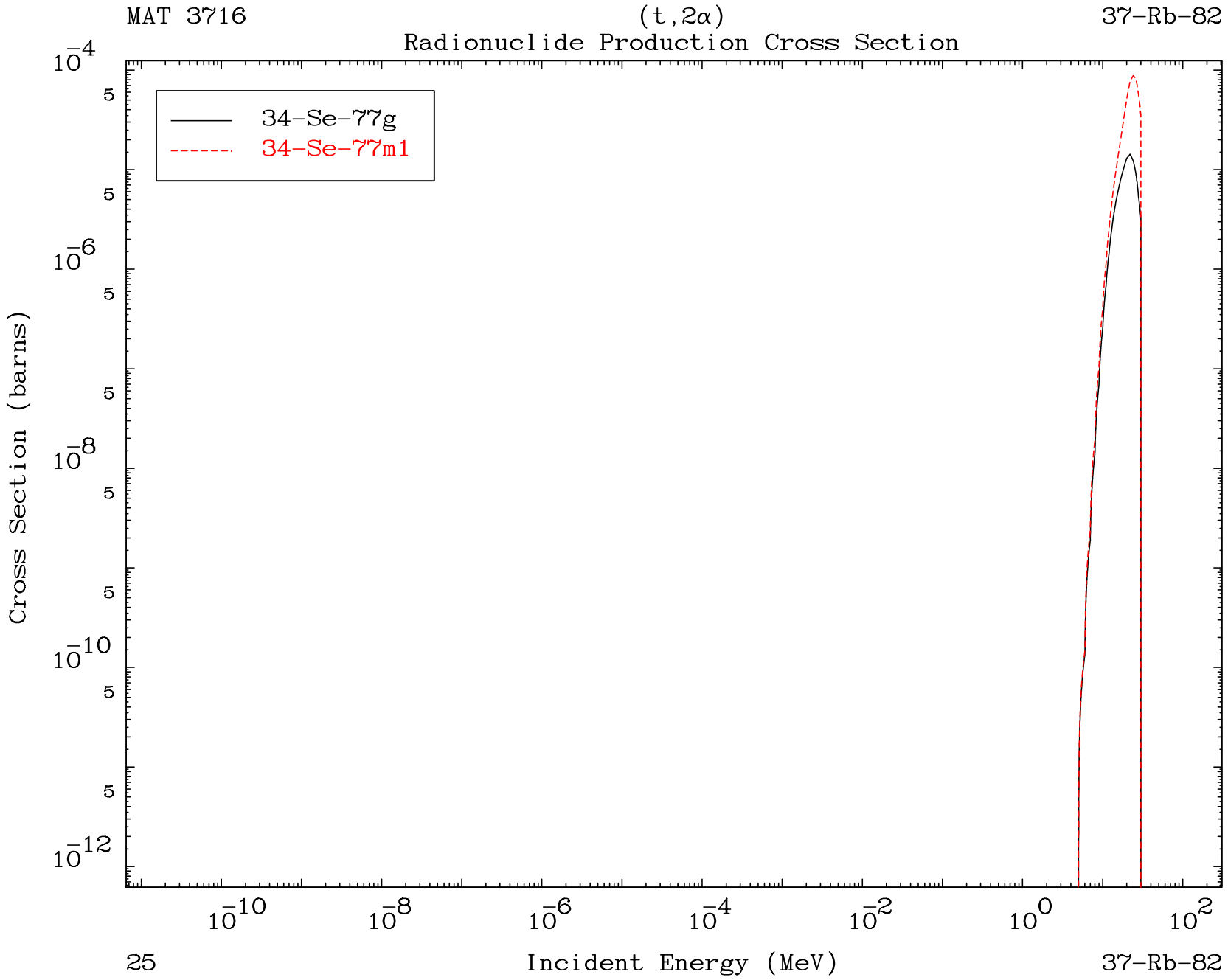

MAT 3716
(t,n') p α
37-Rb-82
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
20
Incident Energy (MeV)
37-Rb-82

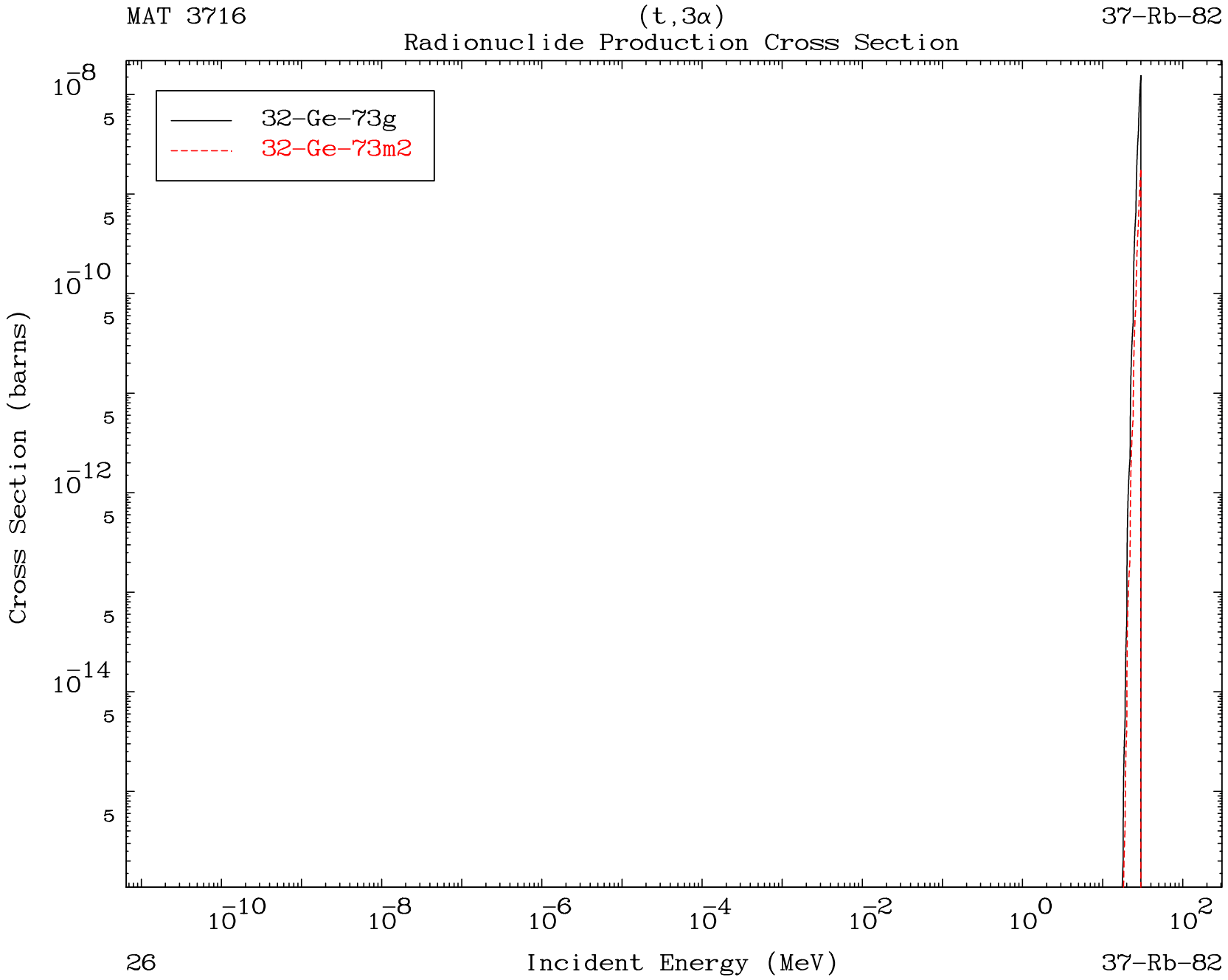

MAT 3716
(t,γ)
37-Rb-82
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
21
Incident Energy (MeV)
37-Rb-82

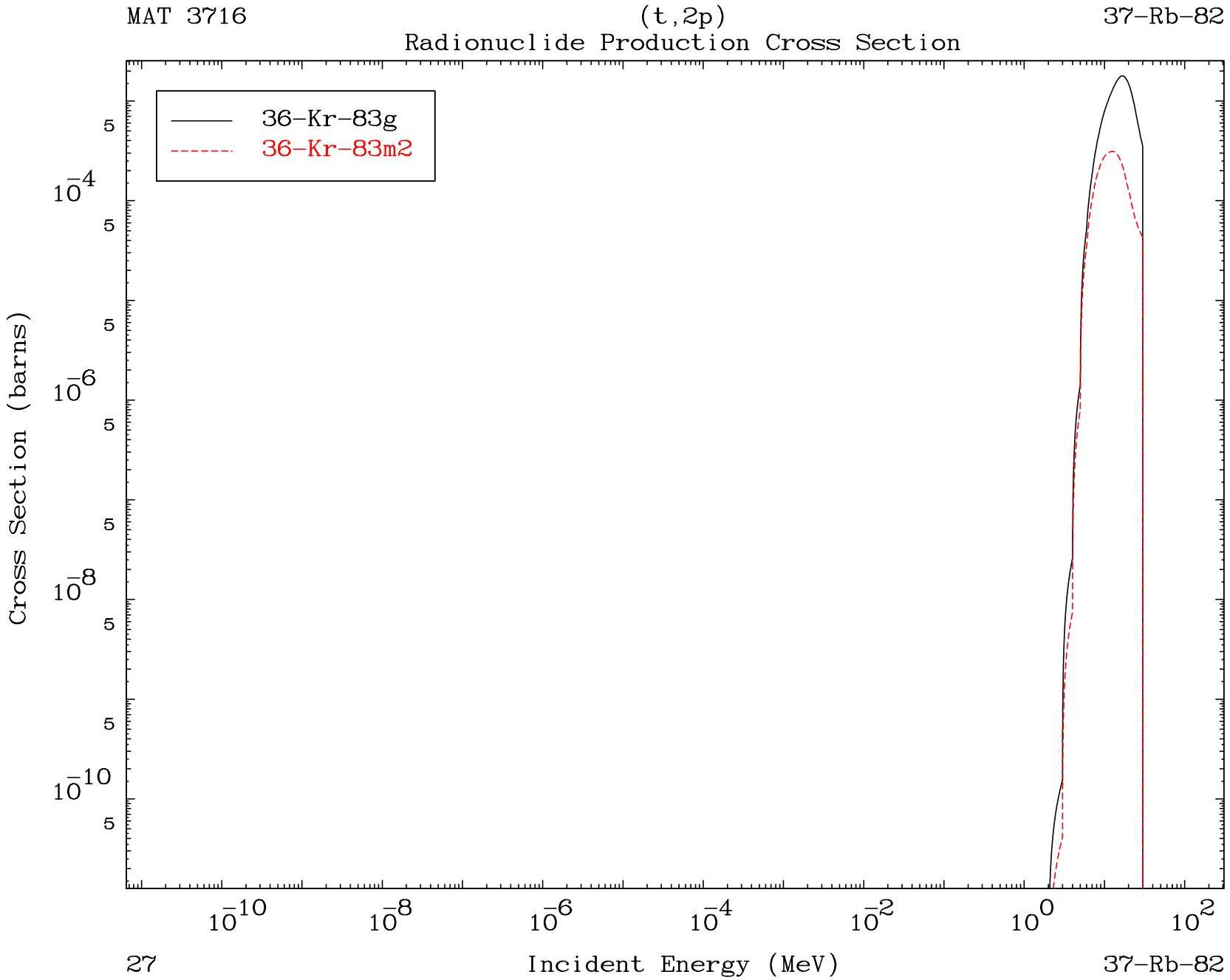

MAT 3716
(t,p)
37-Rb-82
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
22
37-Rb-82

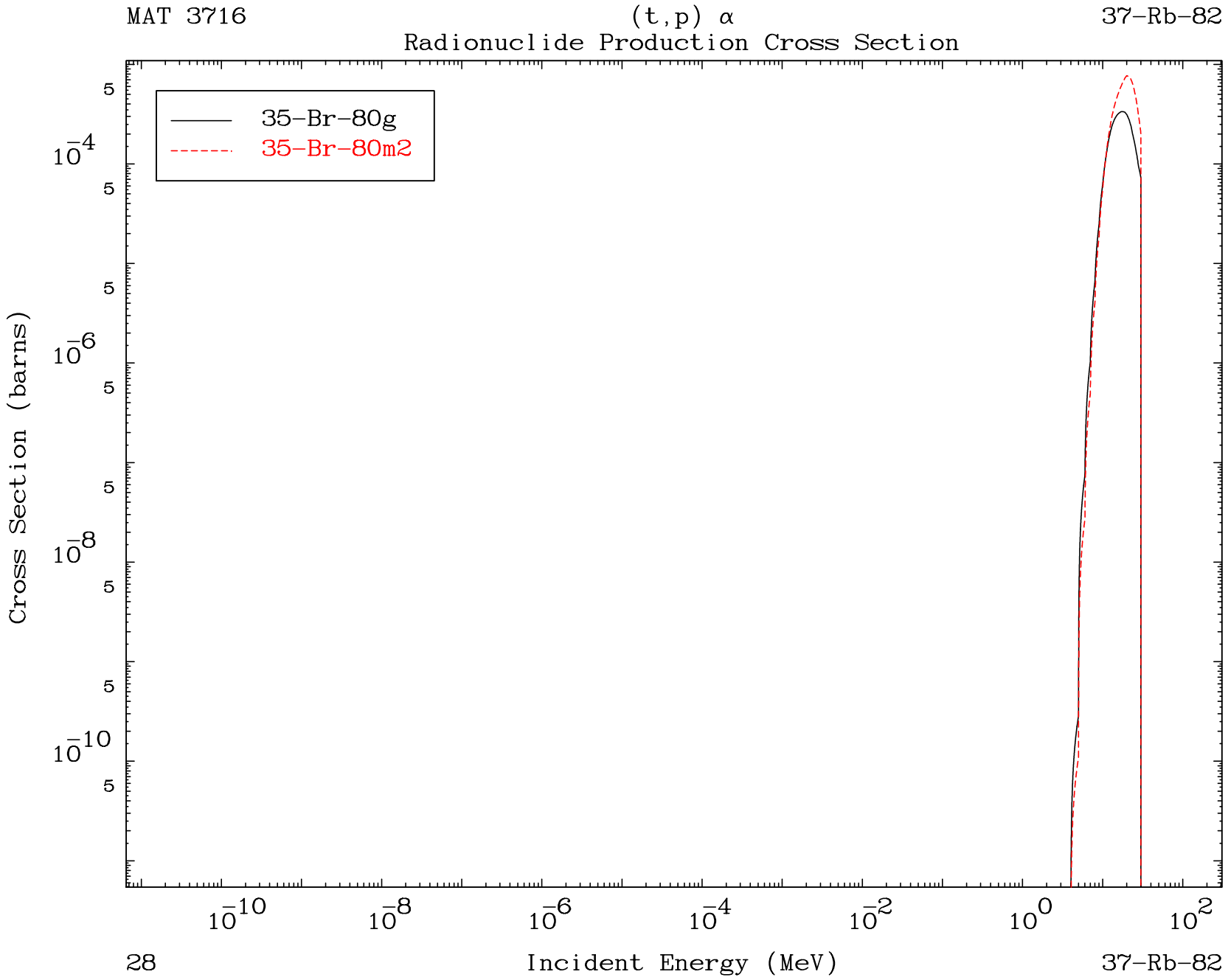

MAT 3716
(t,t)
37-Rb-82
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
23
37-Rb-82

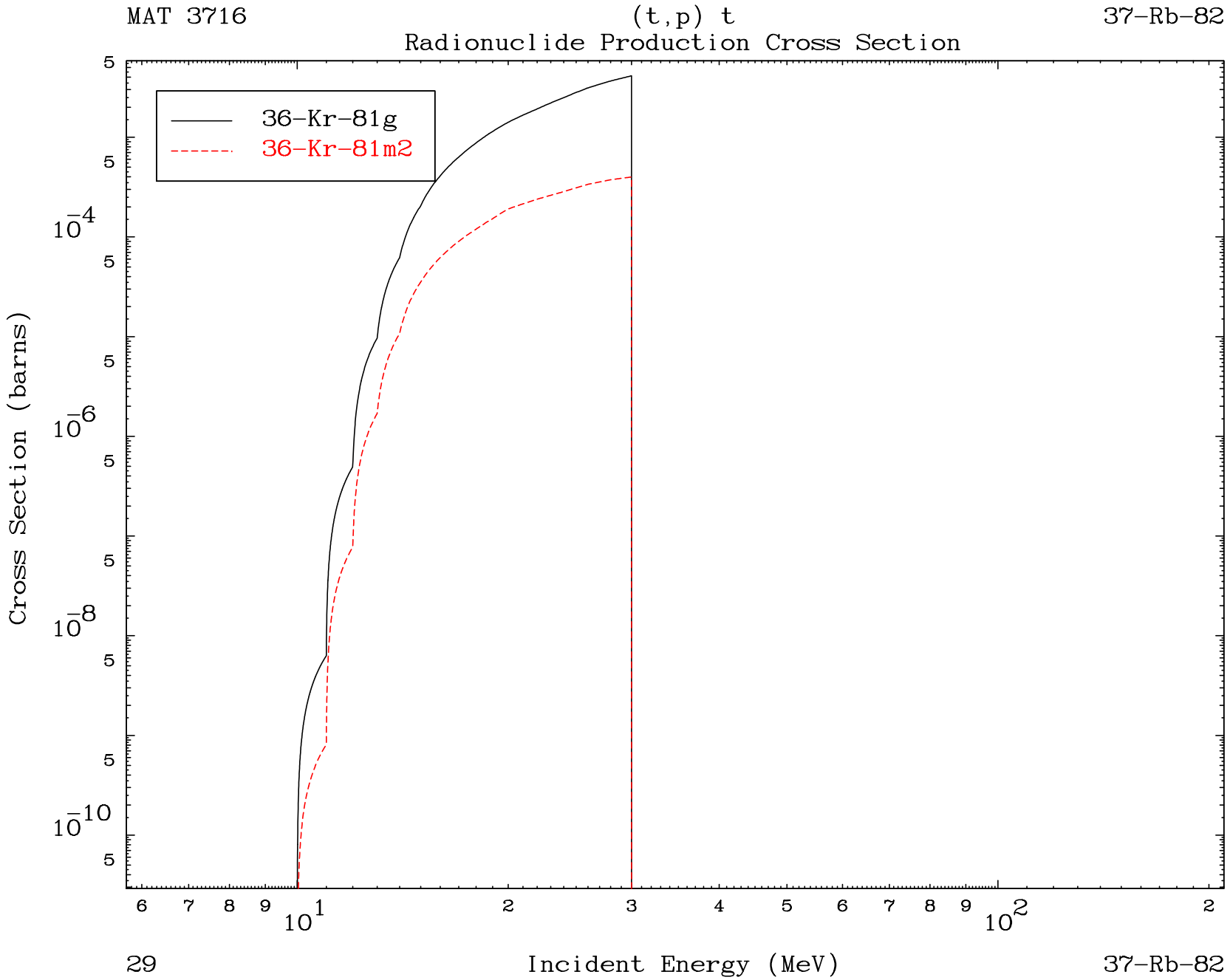

MAT 3716
(t,α)
37-Rb-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
24
37-Rb-82

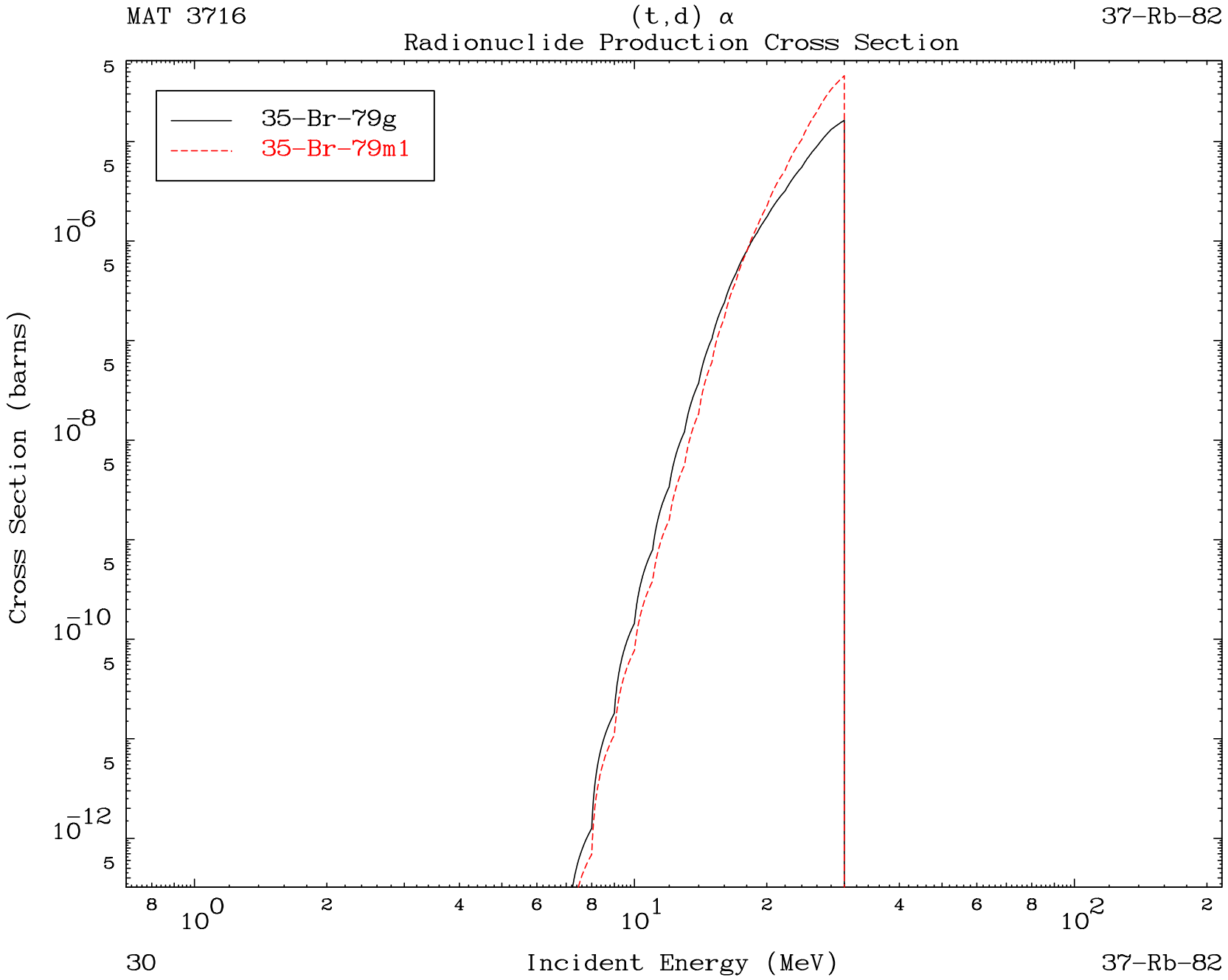

MAT 3716
(t,2α)
37-Rb-82
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
25
37-Rb-82


MAT 3716
(t,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
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
26
Incident Energy (MeV)
37-Rb-82


MAT 3716
(t,2p)
37-Rb-82
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
27
37-Rb-82


MAT 3716
(t,p) α
37-Rb-82
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
28
37-Rb-82


MAT 3716
(t,p) t
37-Rb-82
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
Incident Energy (MeV)
29
37-Rb-82


MAT 3716
(t,d) α
37-Rb-82
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
100
2
4
6
8
101
102
30
Incident Energy (MeV)
37-Rb-82