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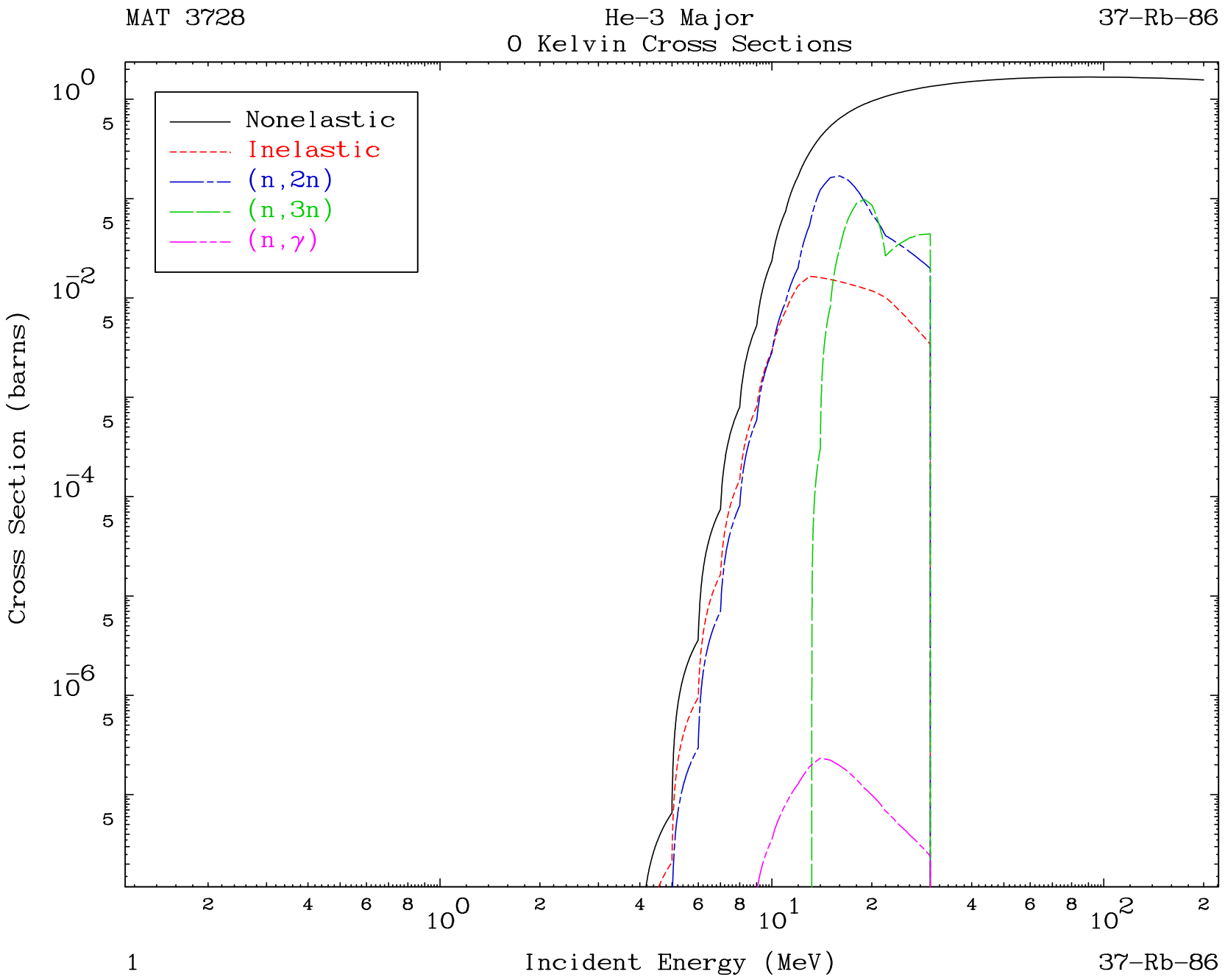
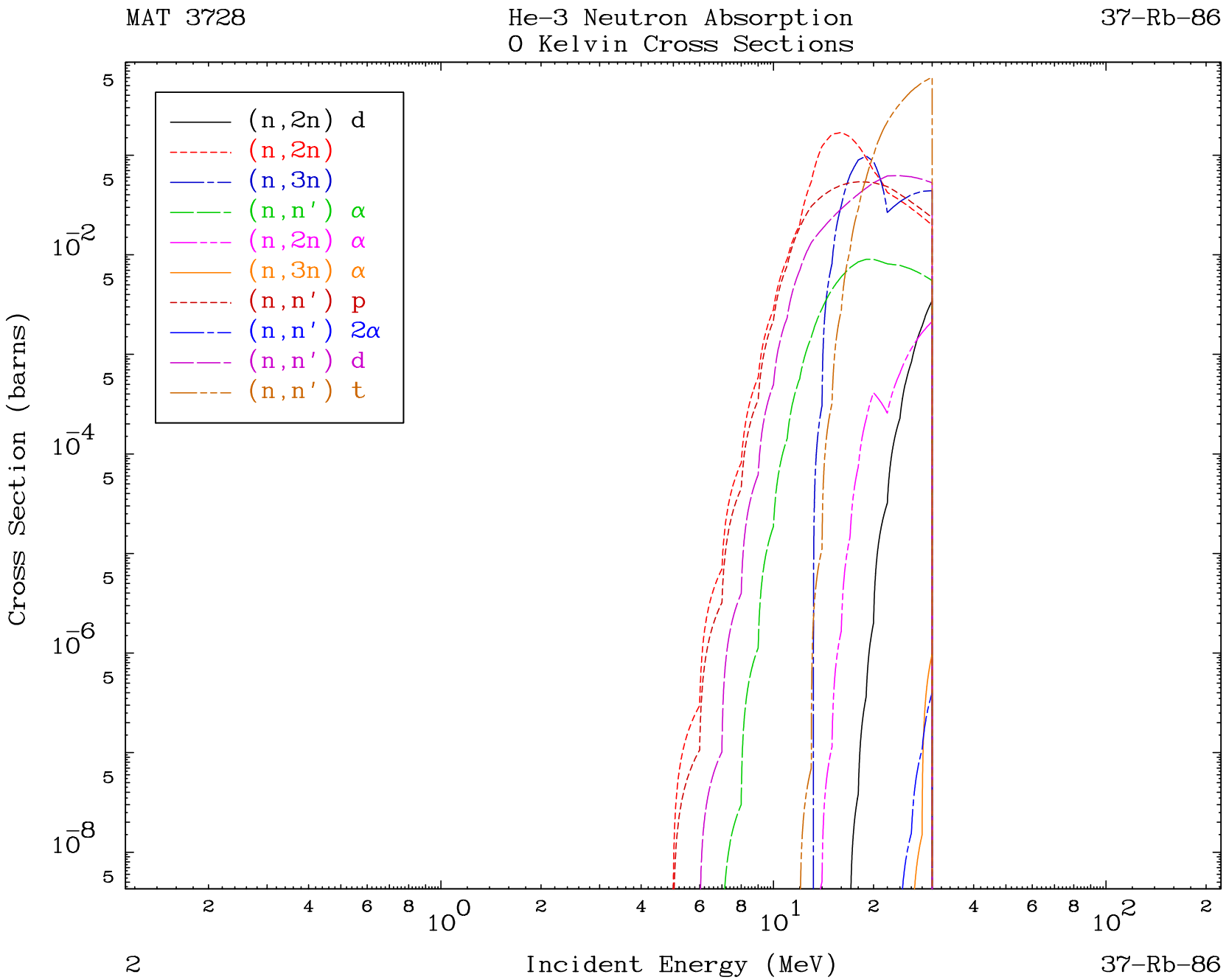
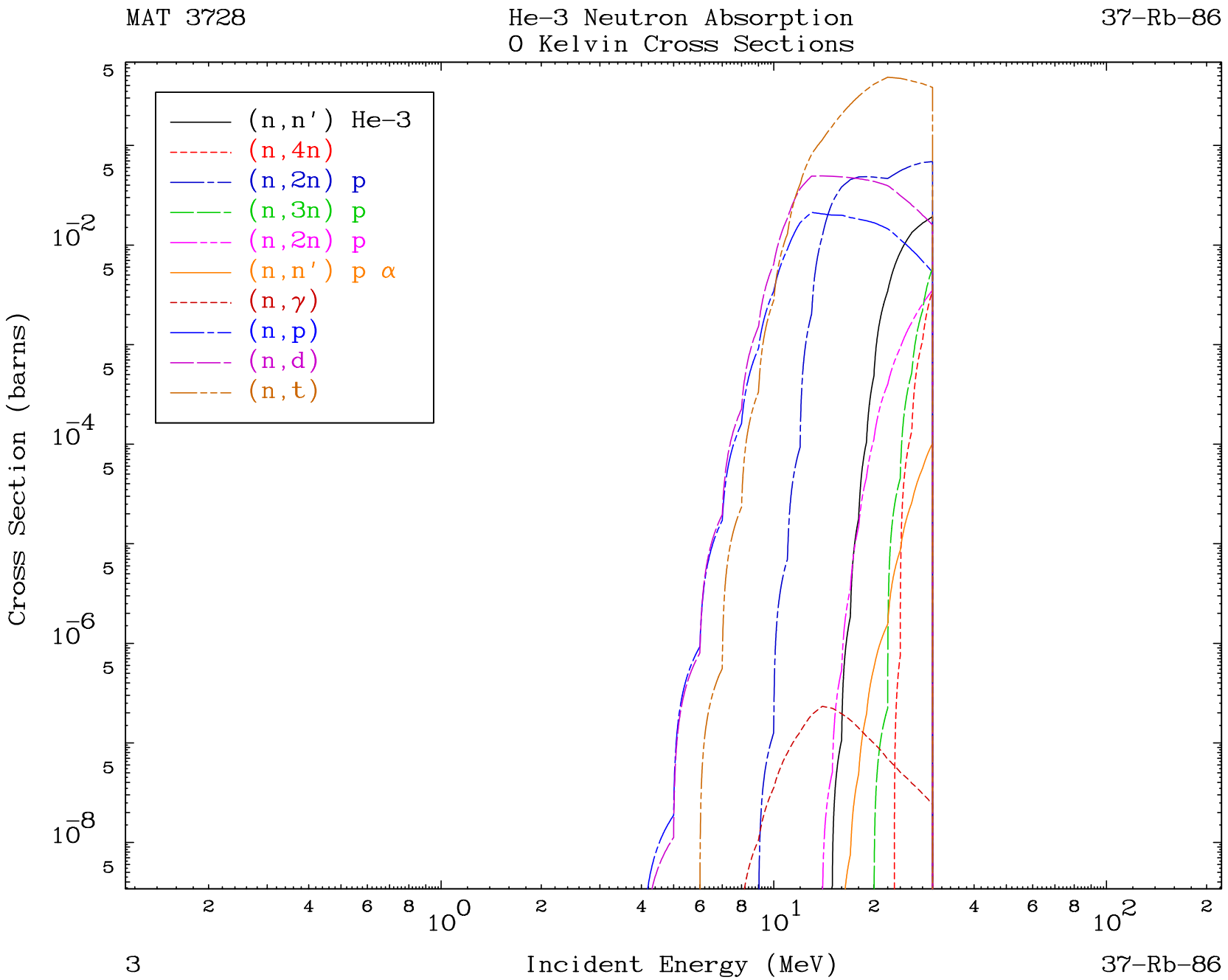
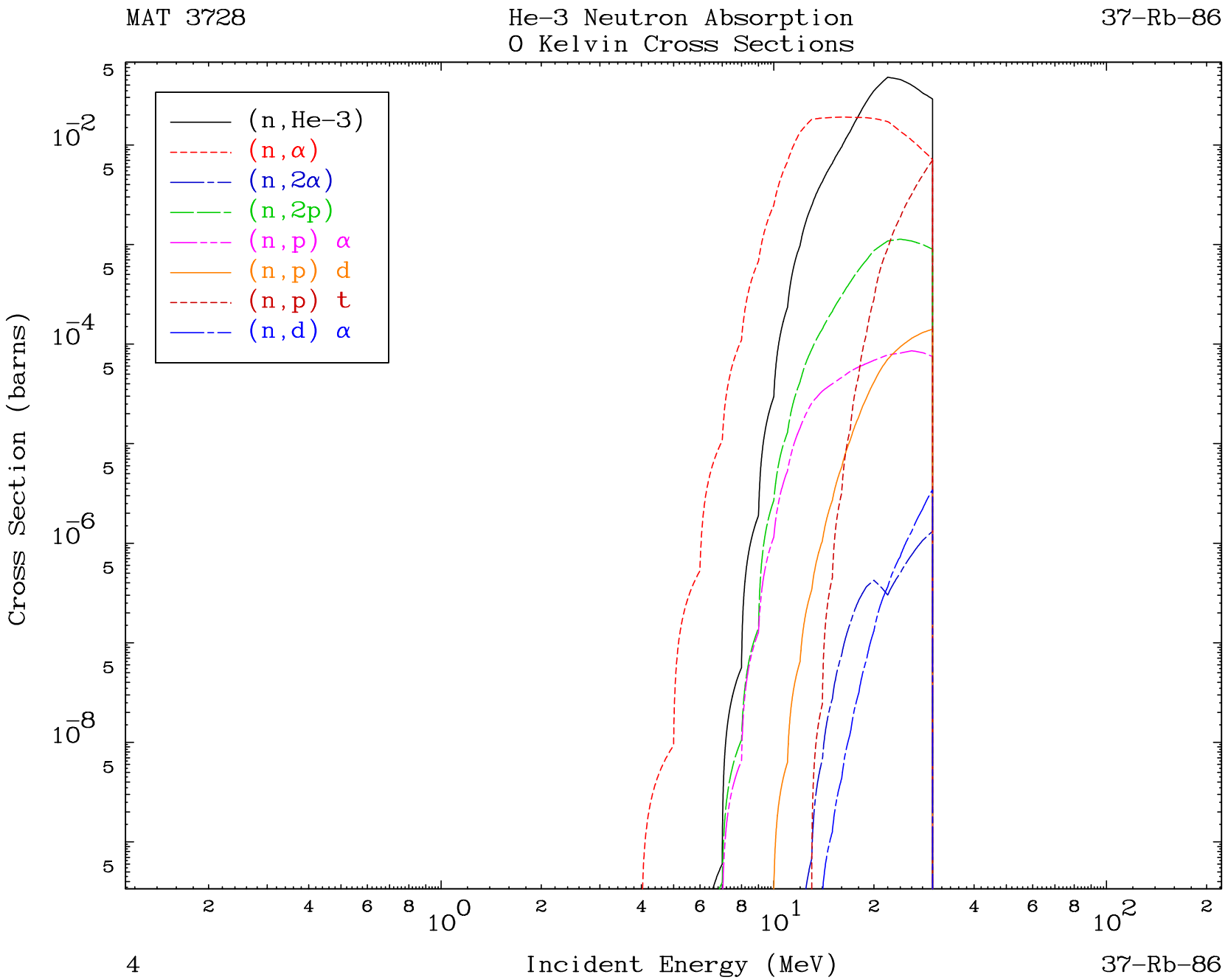
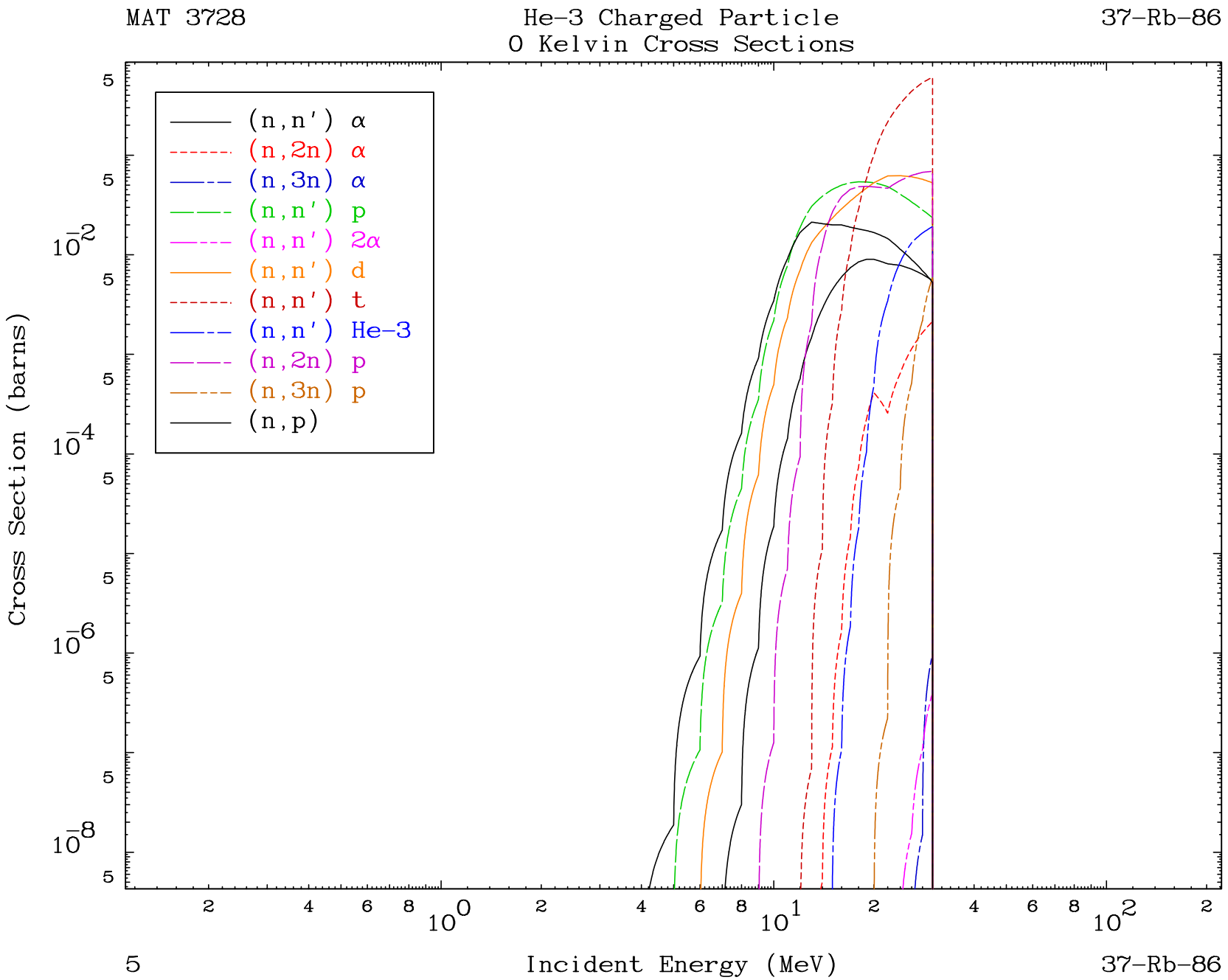
Press Mouse Button to Start

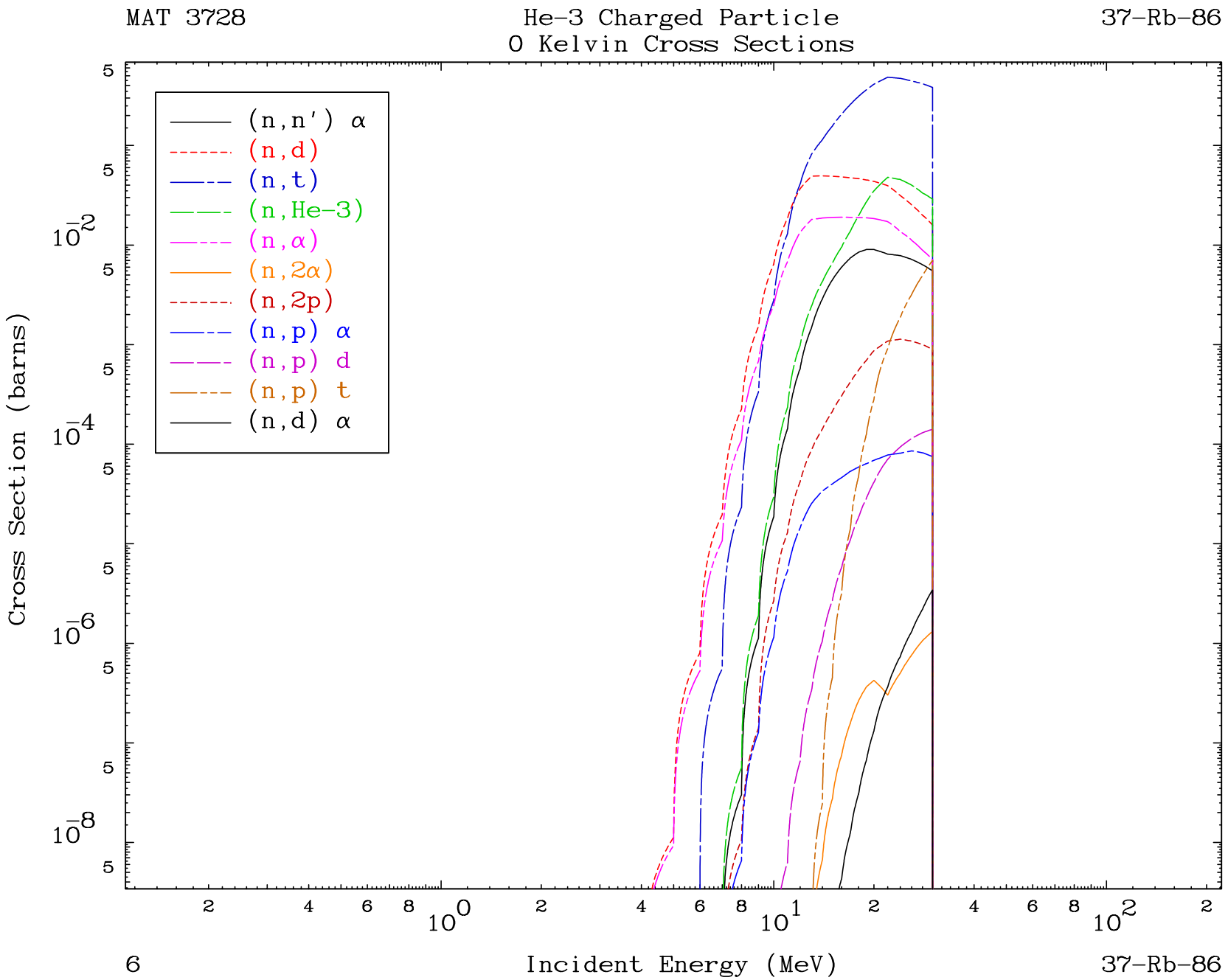

MAT 3728
He-3 Major
37-Rb-86
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-86
1

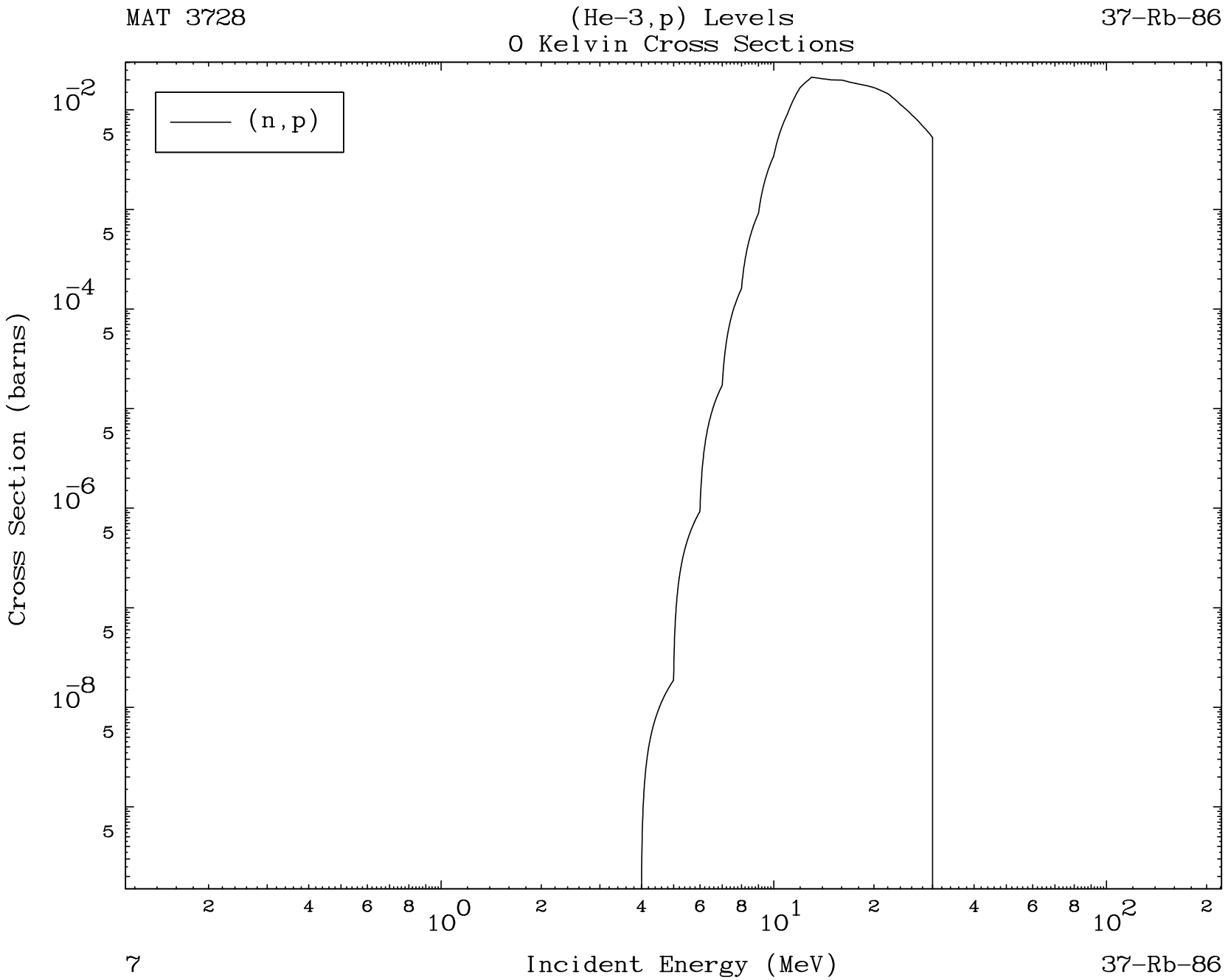

MAT 3728
He-3 Neutron Absorption
0 Kelvin Cross Sections
37-Rb-86
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
37-Rb-86
2

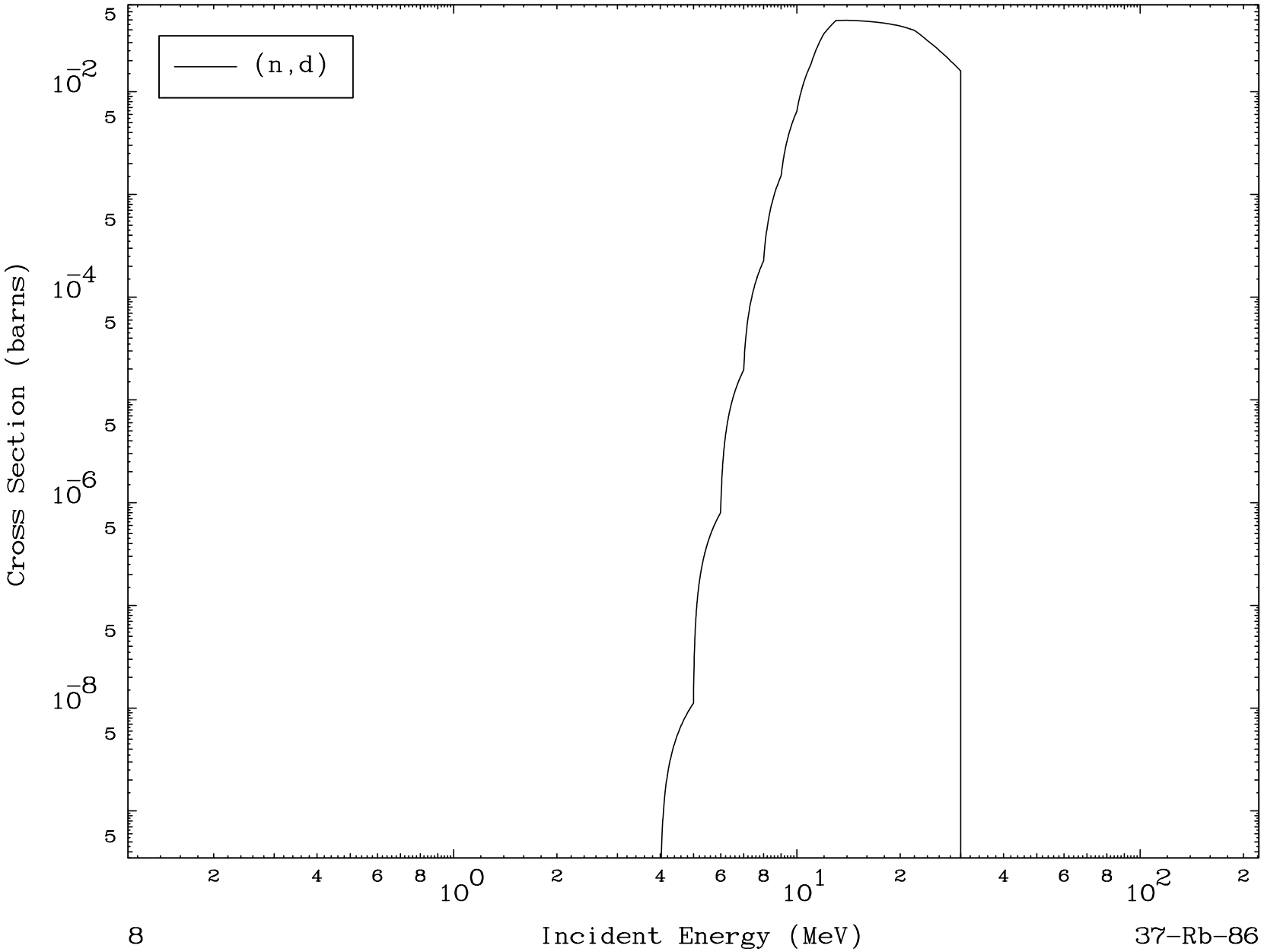

MAT 3728
He-3 Neutron Absorption
0 Kelvin Cross Sections
37-Rb-86
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
37-Rb-86

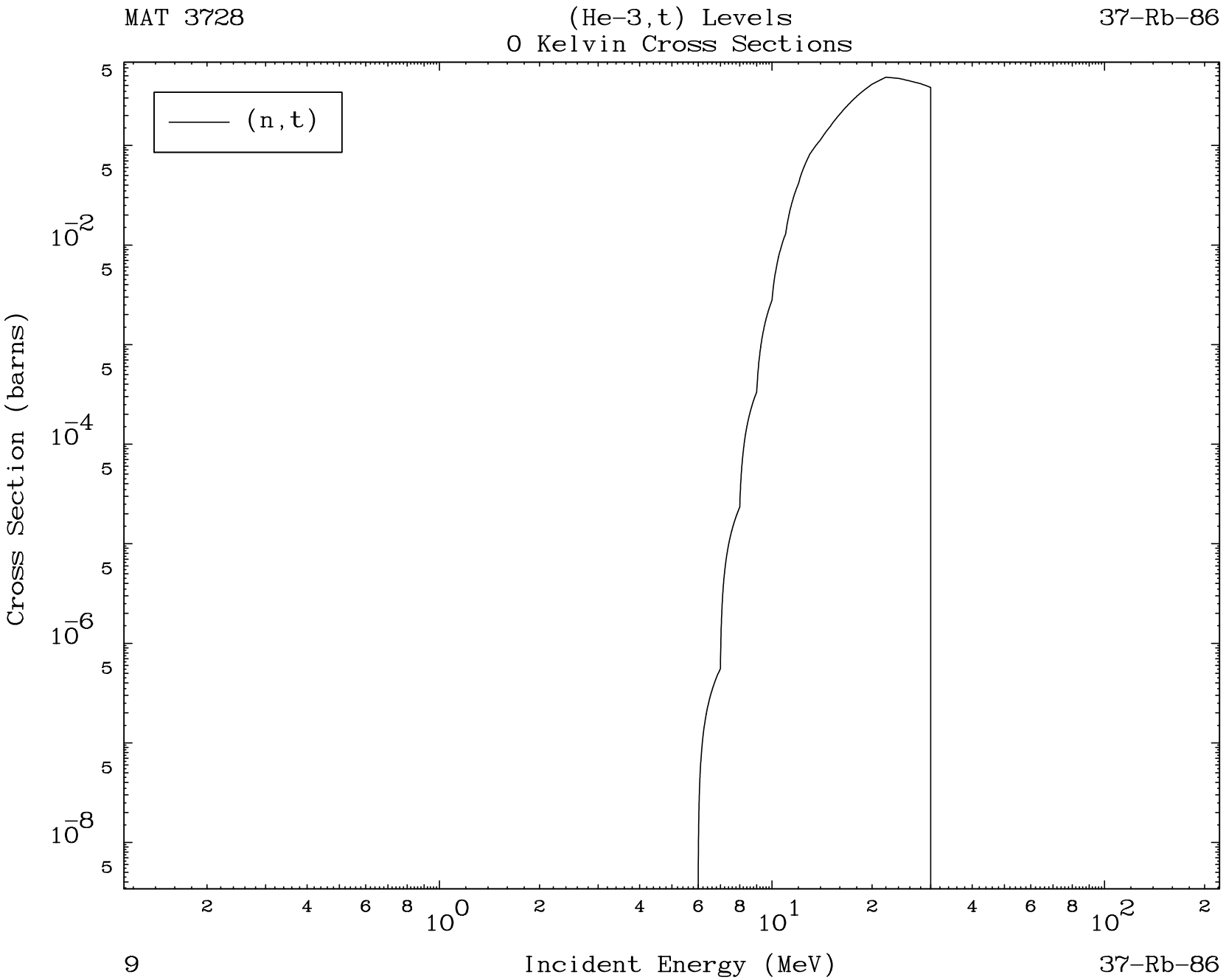

MAT 3728
He-3 Neutron Absorption
0 Kelvin Cross Sections
37-Rb-86
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
37-Rb-86

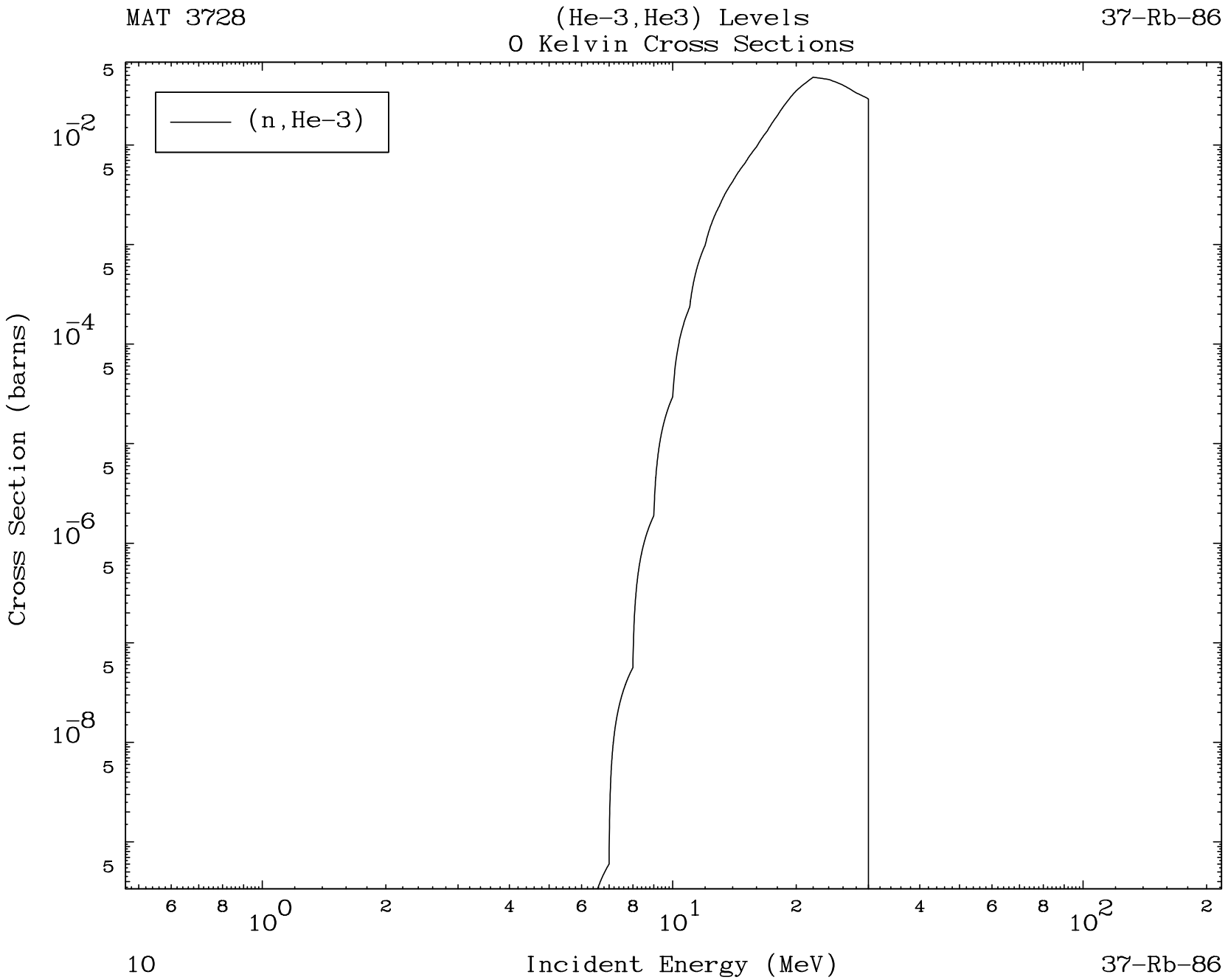

MAT 3728
He-3 Charged Particle
0 Kelvin Cross Sections
37-Rb-86
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-86

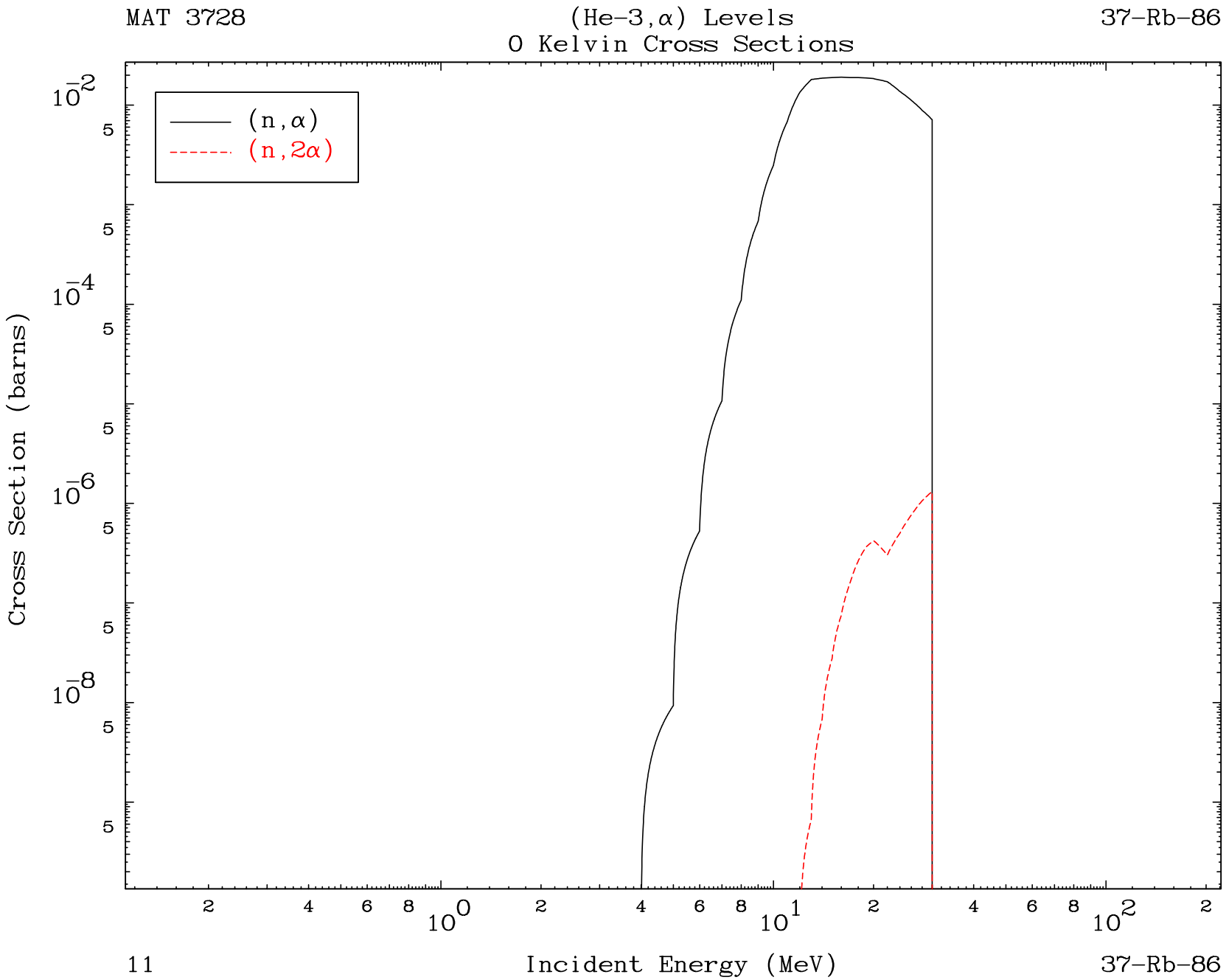

MAT 3728
He-3 Charged Particle
0 Kelvin Cross Sections
37-Rb-86
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-86

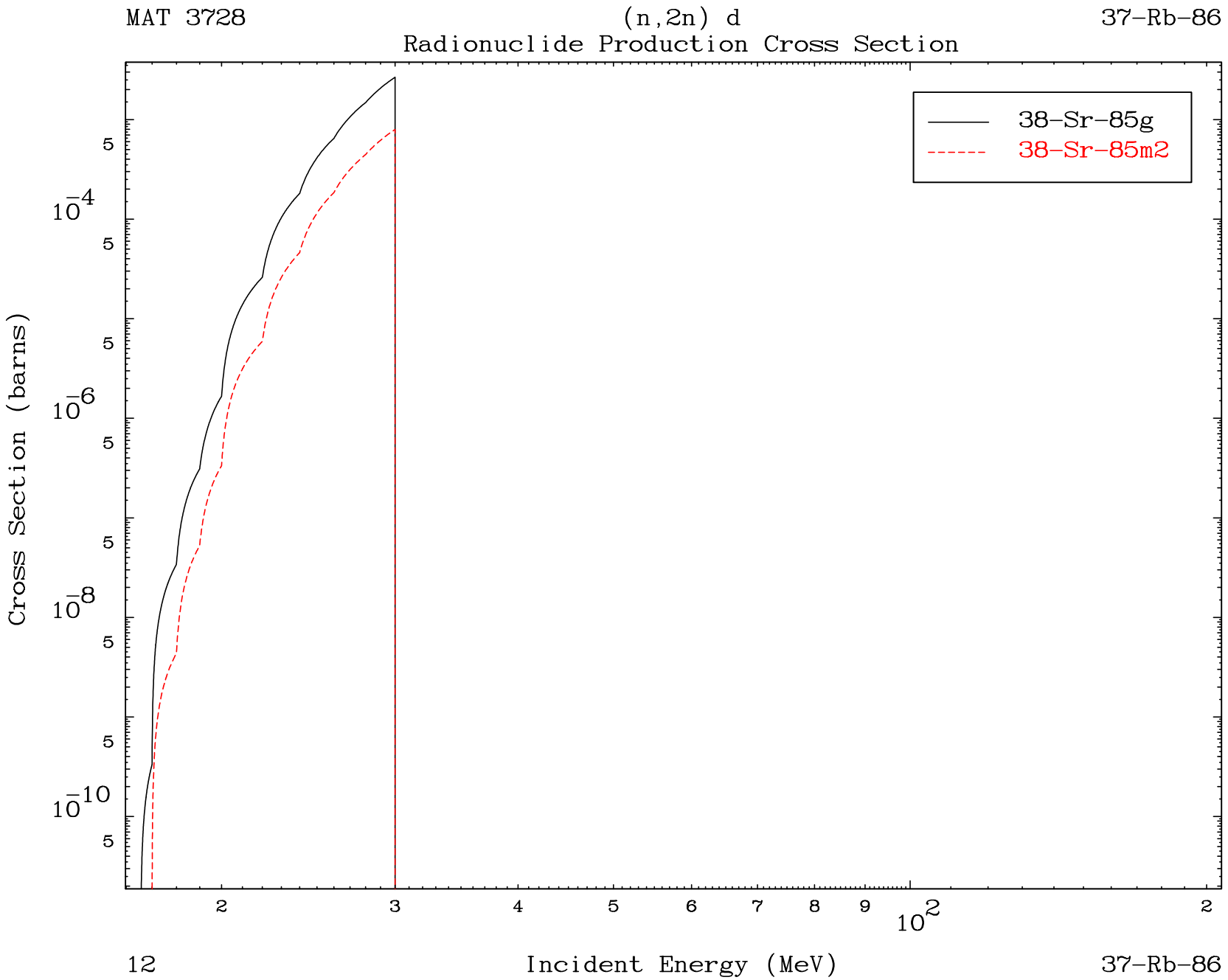

MAT 3728
(He-3,p) Levels
37-Rb-86
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
37-Rb-86

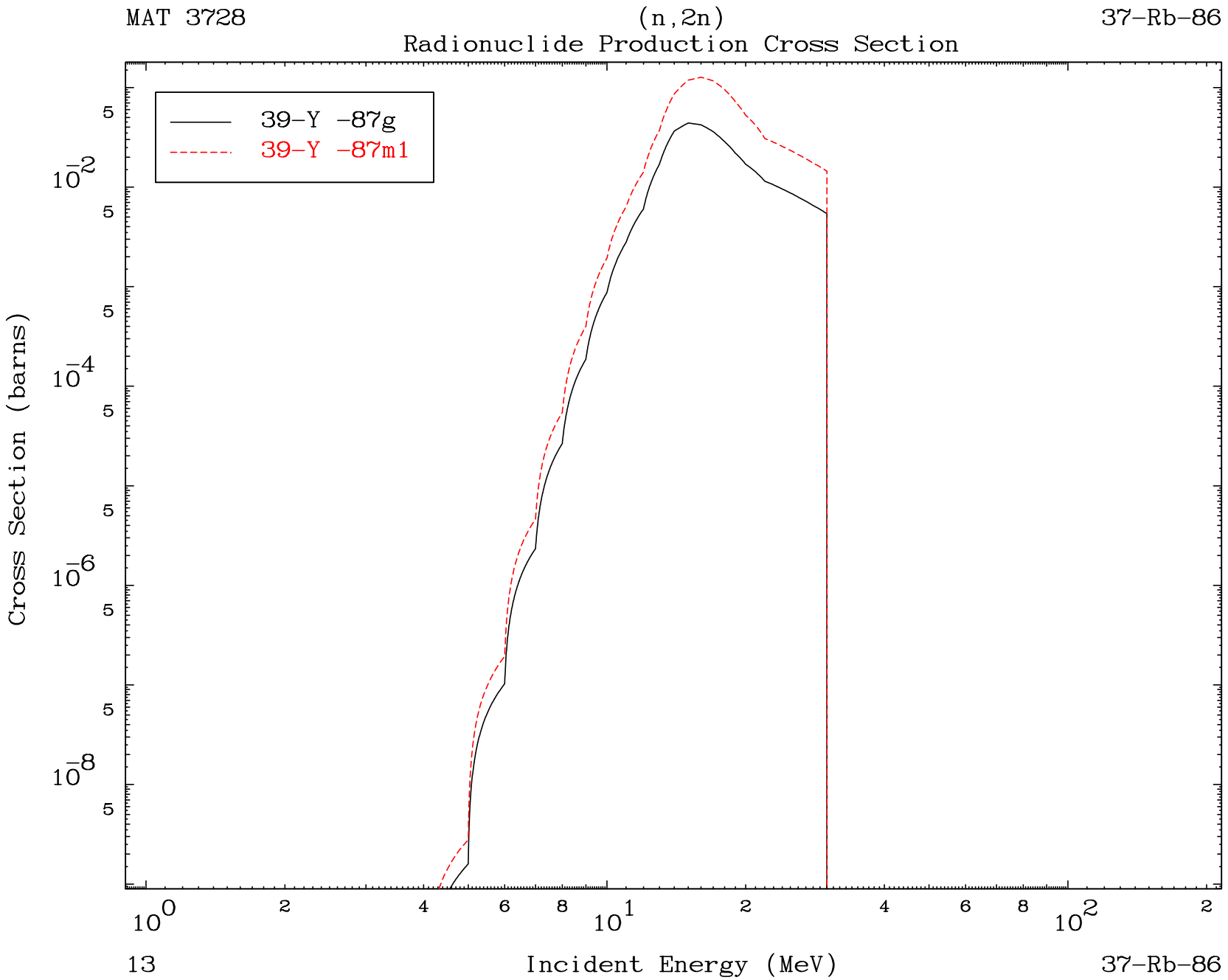

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2

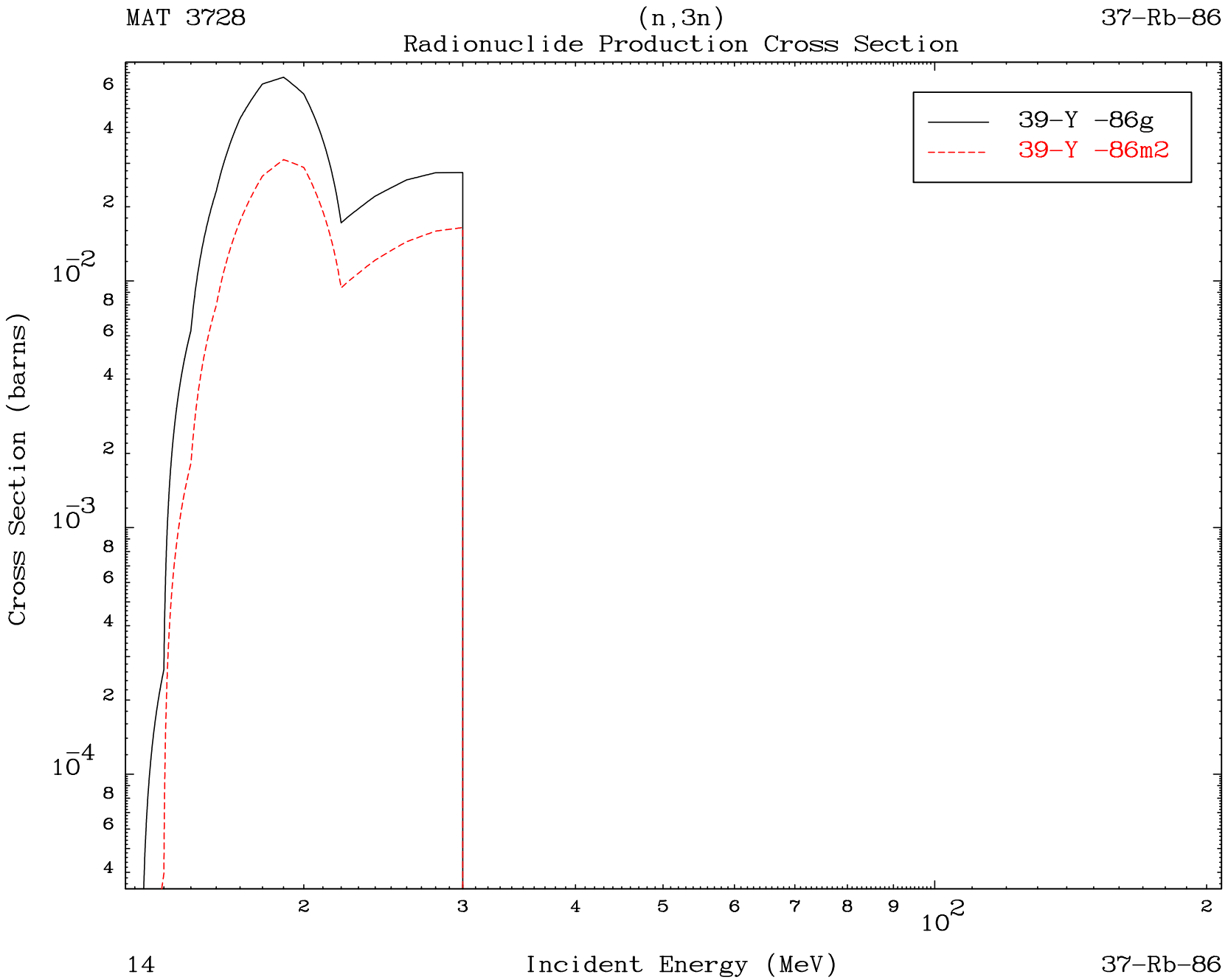

MAT 3728
(He-3,t) Levels
37-Rb-86
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
37-Rb-86

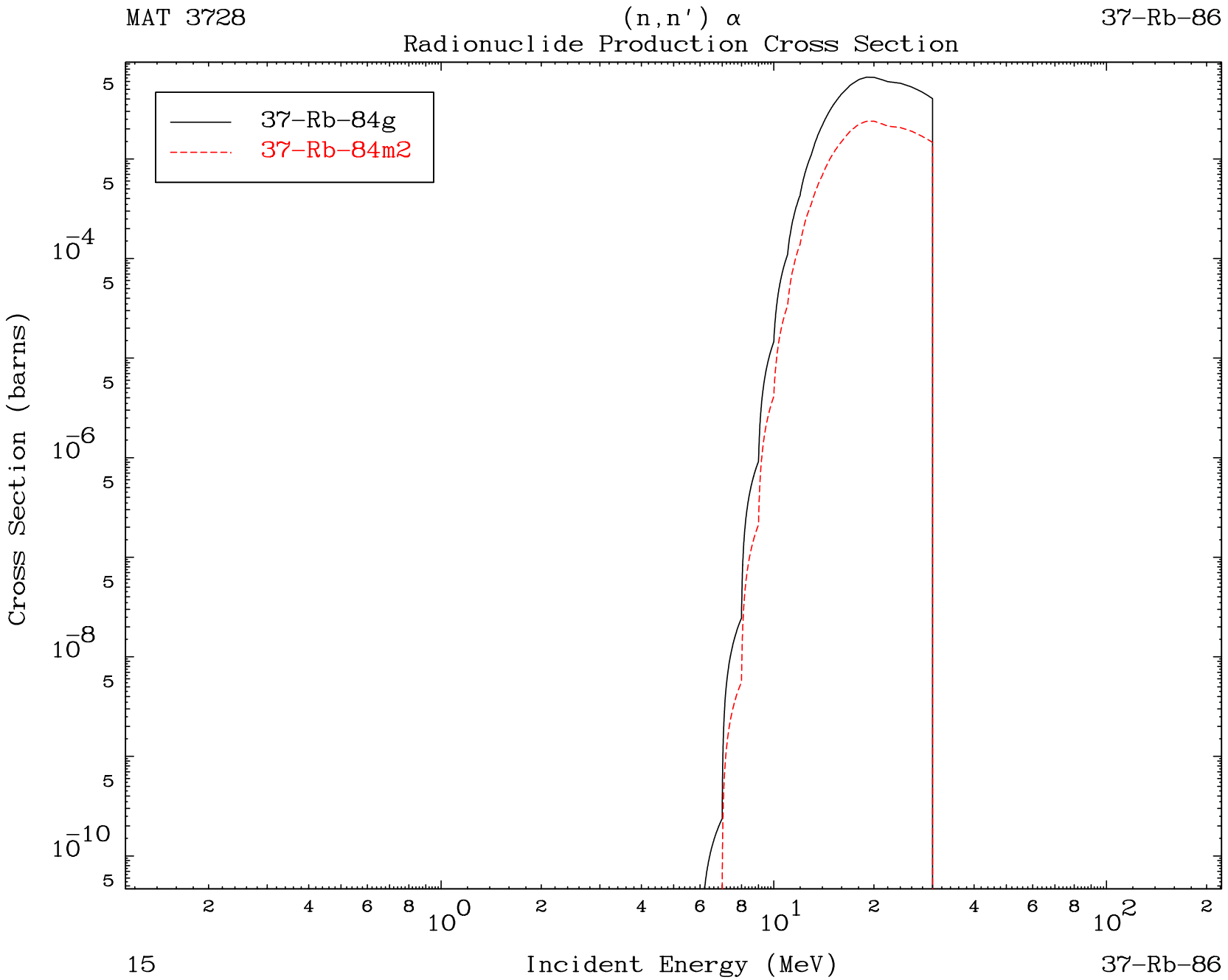

MAT 3728
(He-3,He3) Levels
37-Rb-86
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-86

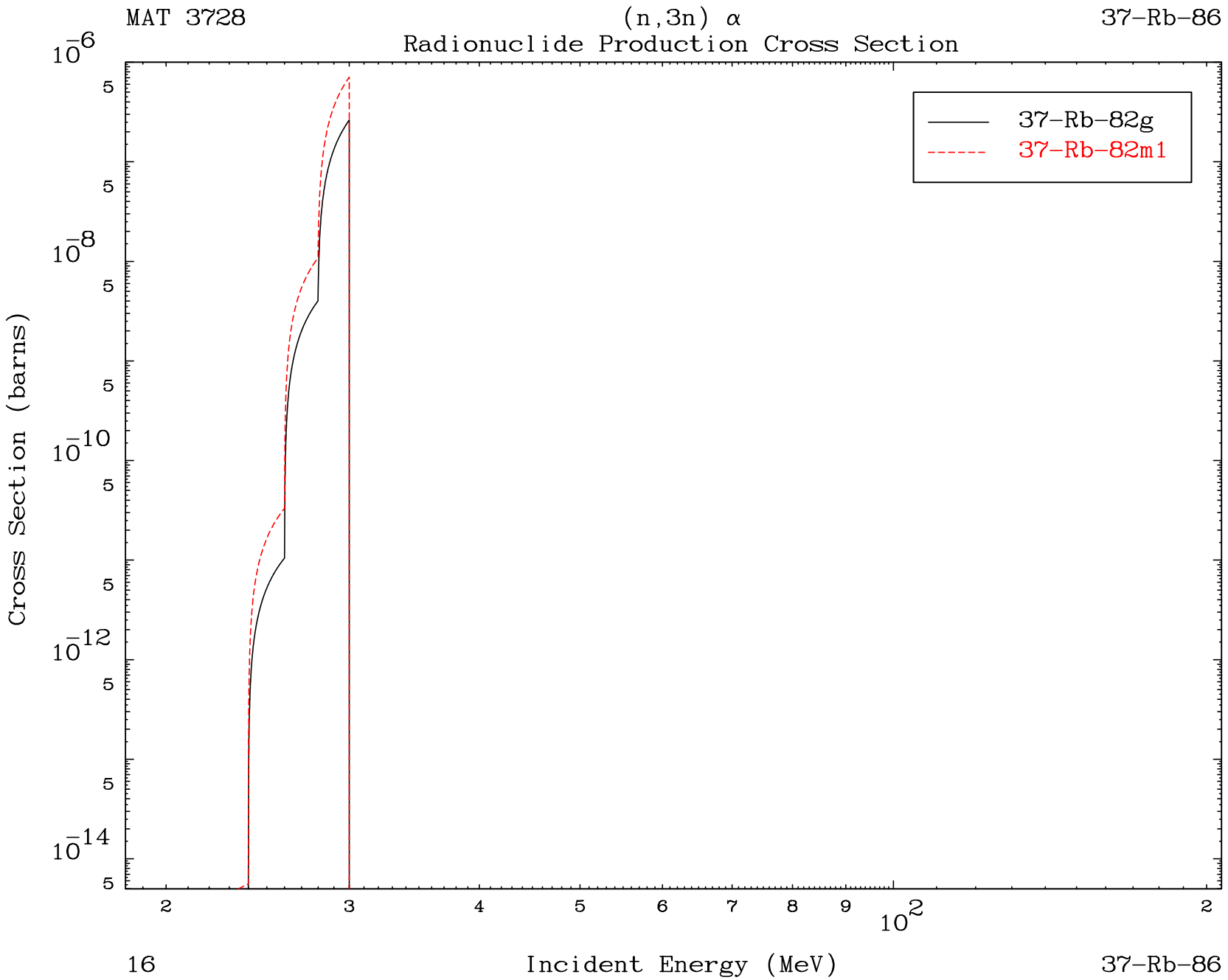

MAT 3728
(He-3,α) Levels
37-Rb-86
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
37-Rb-86

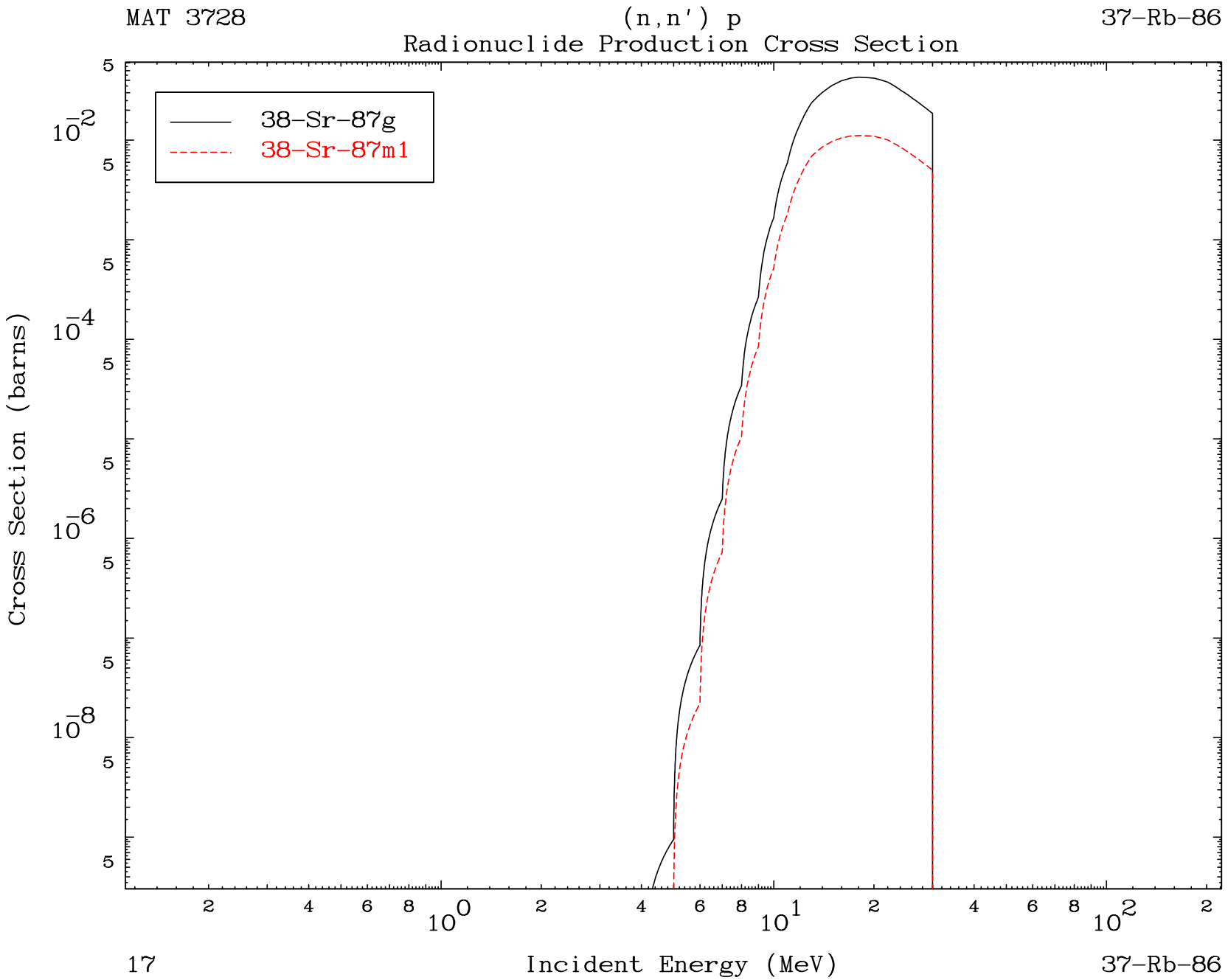

MAT 3728
(n,2n) d
37-Rb-86
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
37-Rb-86

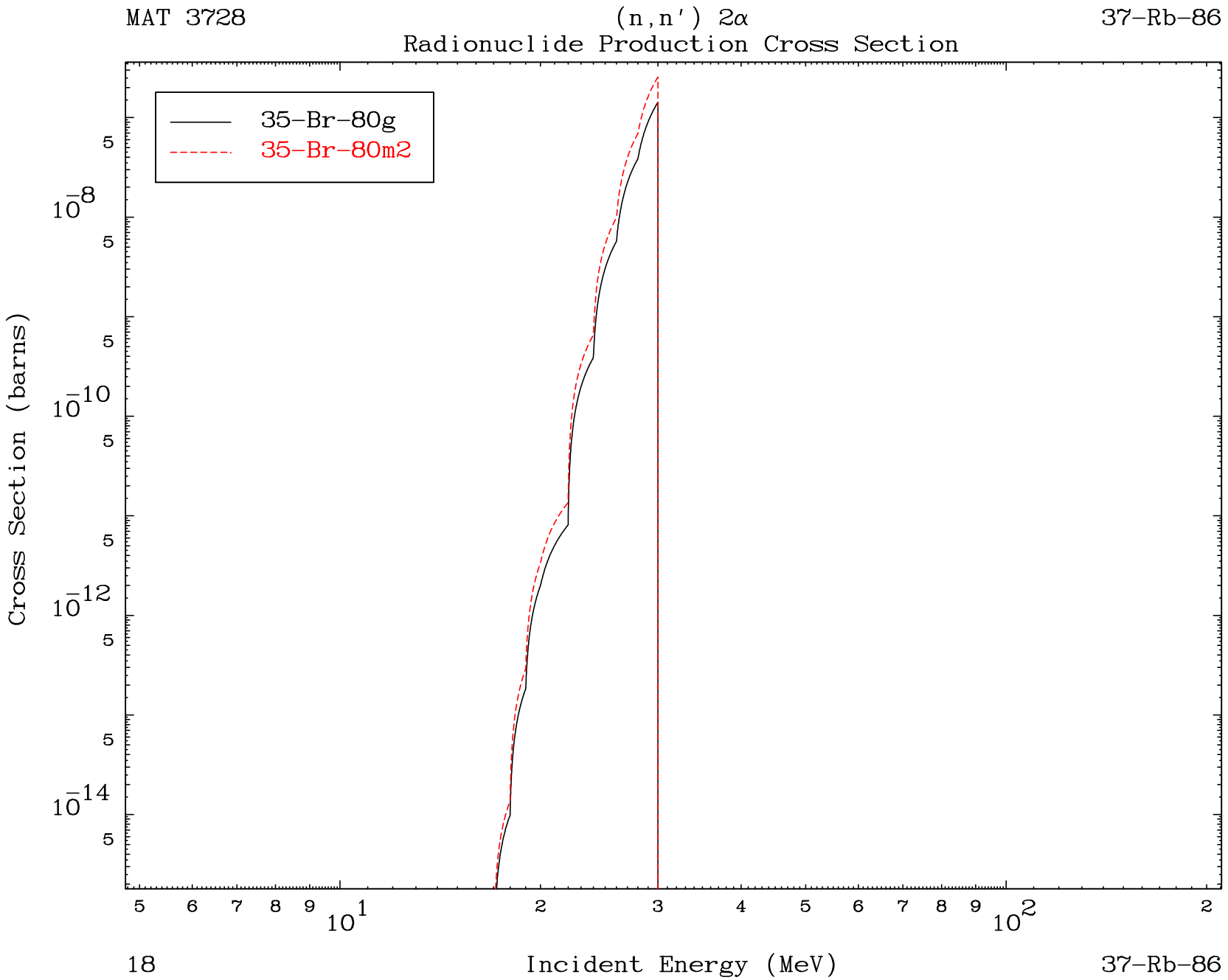

MAT 3728
(n,2n)
37-Rb-86
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
13
37-Rb-86

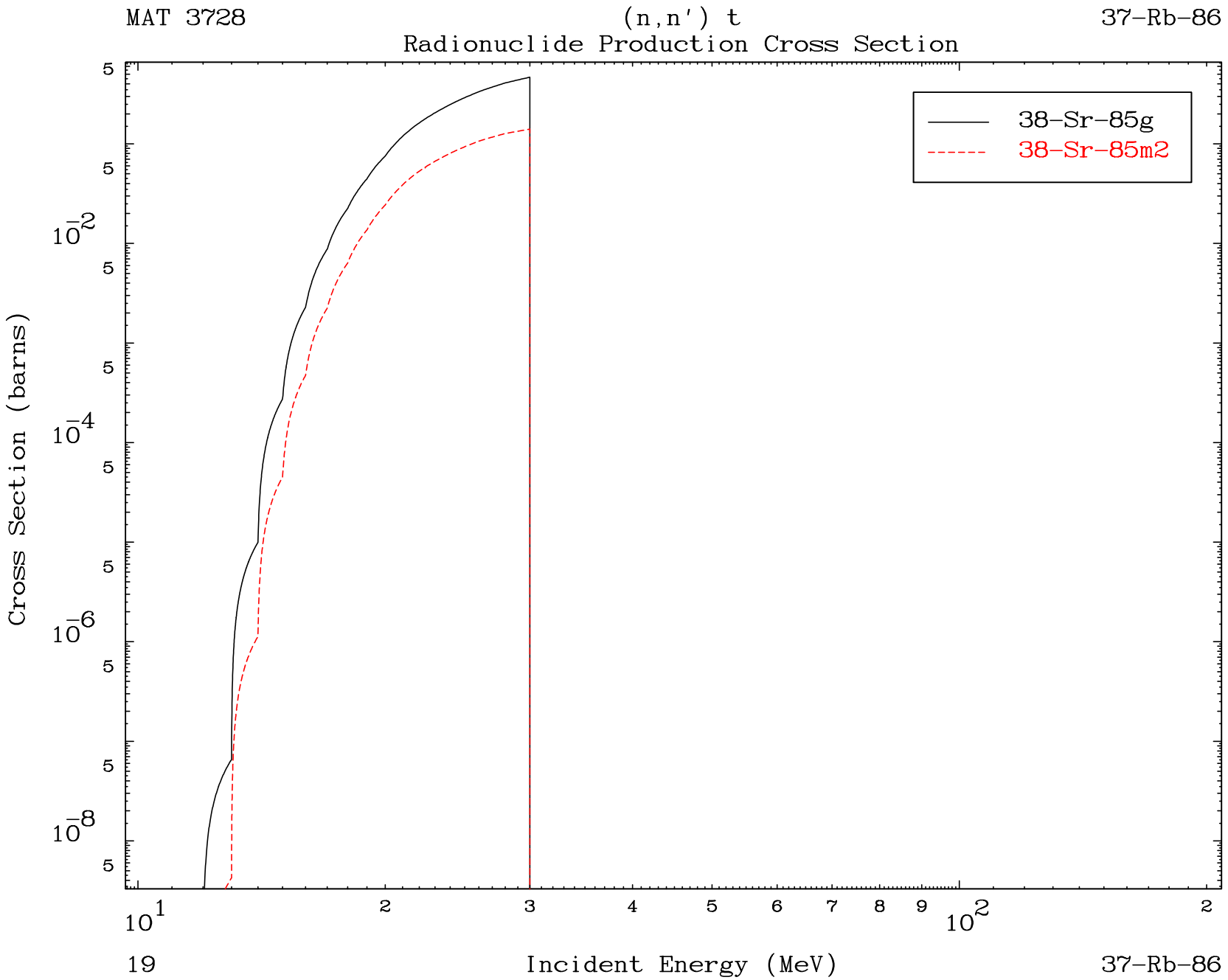

MAT 3728
(n,3n)
37-Rb-86
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
Incident Energy (MeV)
14
37-Rb-86

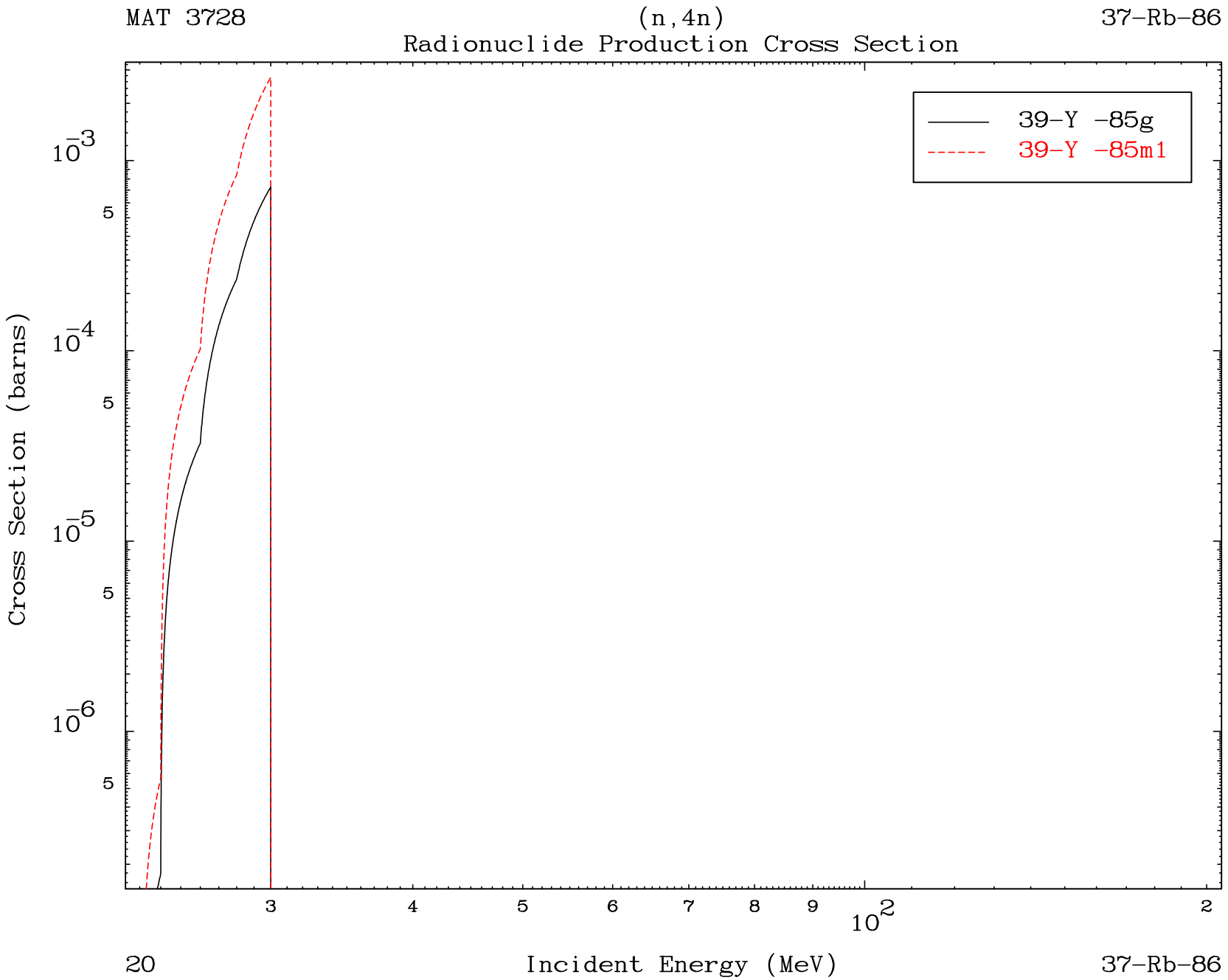

MAT 3728
(n,n') α
37-Rb-86
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
15
37-Rb-86

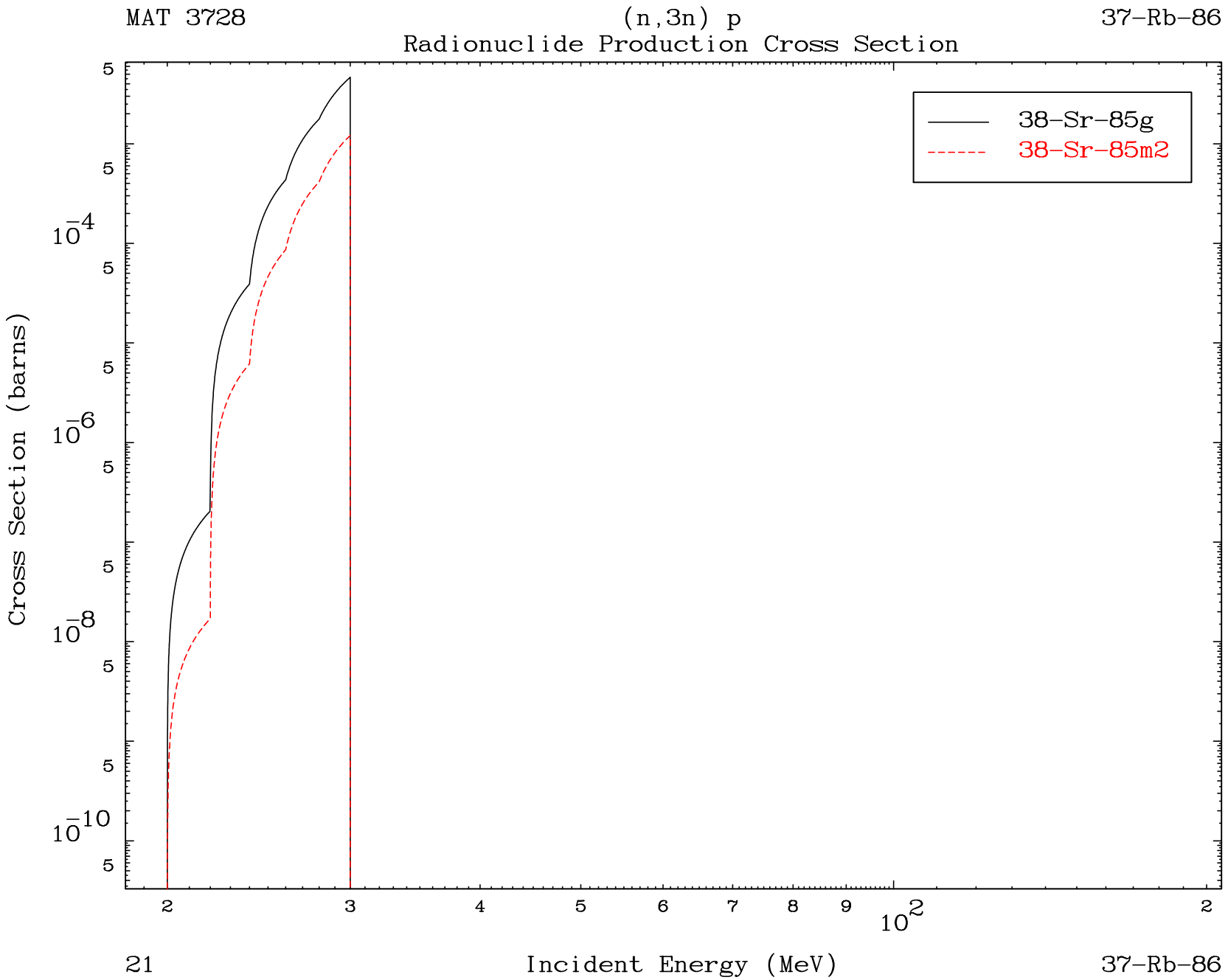

MAT 3728
(n,3n) α
37-Rb-86
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
16
37-Rb-86

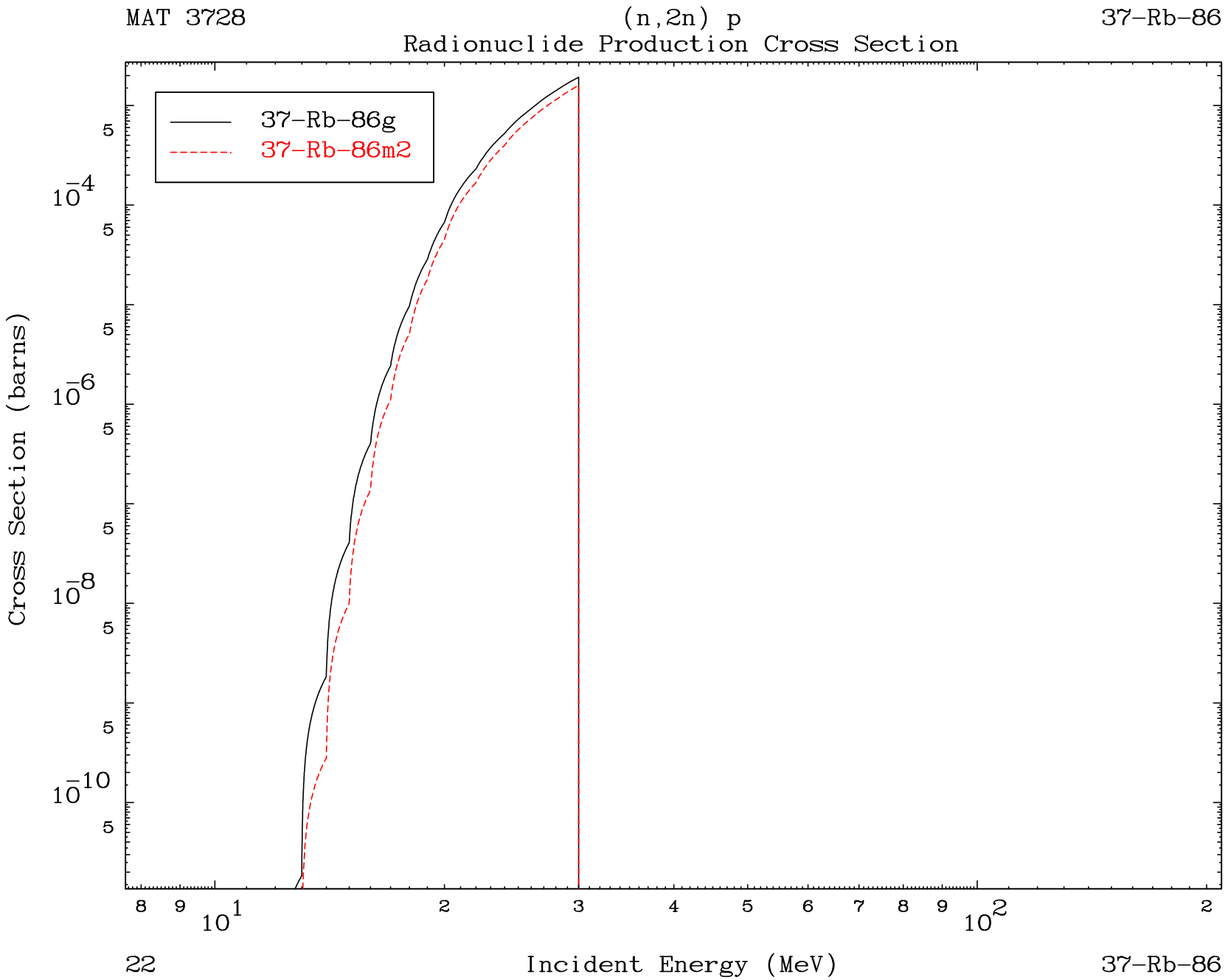

MAT 3728
(n,n') p
37-Rb-86
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
17
37-Rb-86

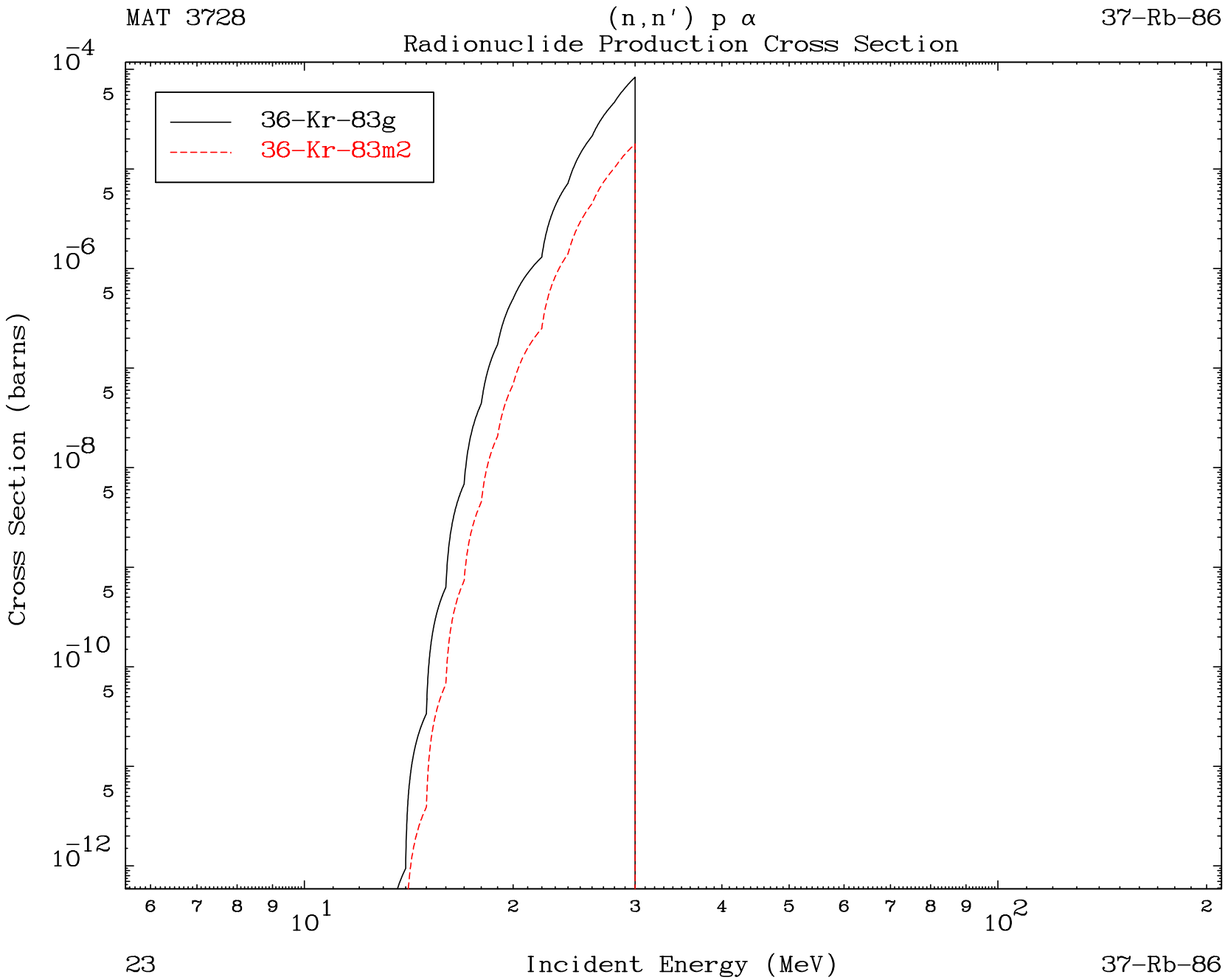

MAT 3728
(n,n') 2α
37-Rb-86
Radionuclide Production Cross Section
35-Br-80g
35-Br-80m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
5
5
5
5
5
10^1
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
37-Rb-86

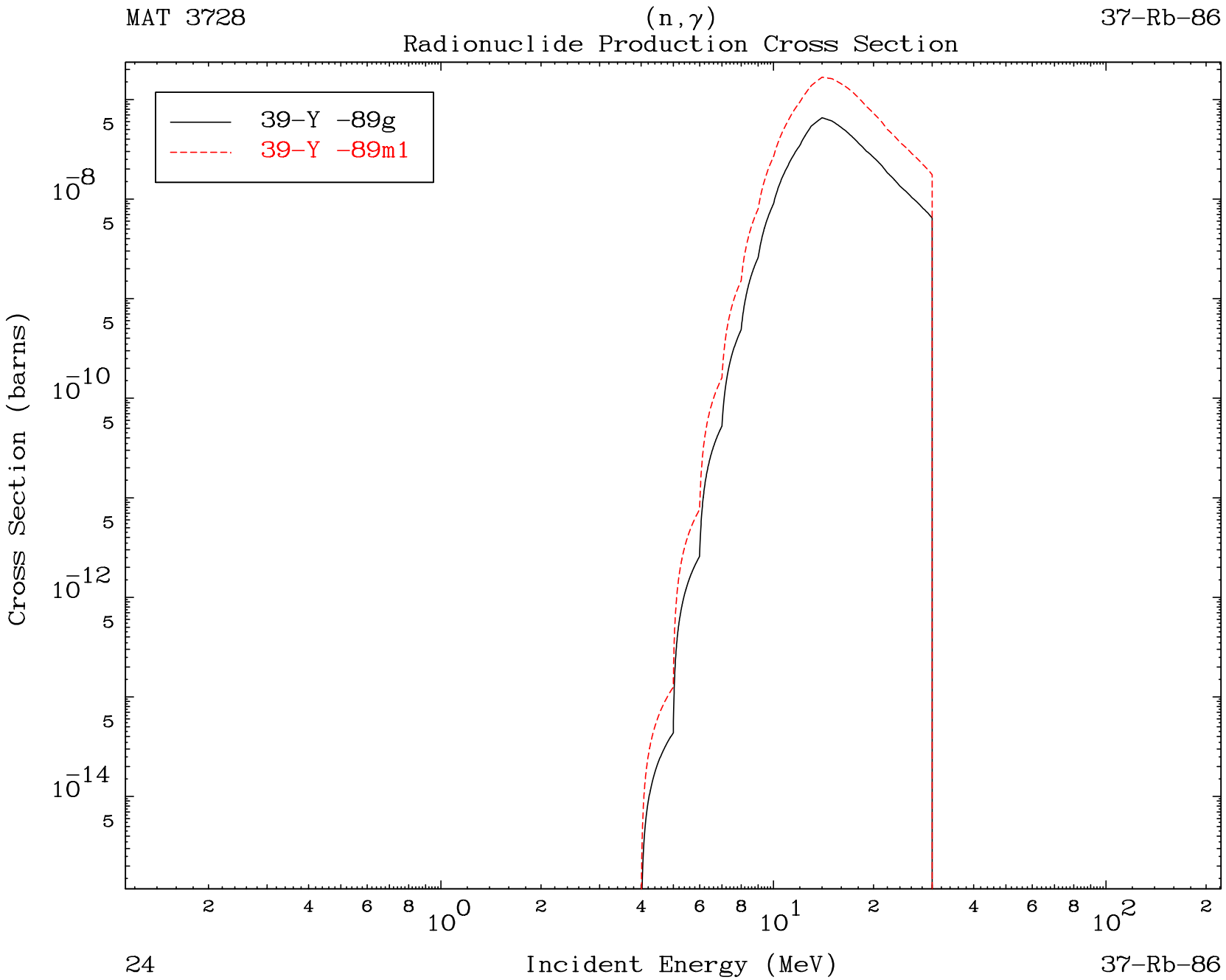

MAT 3728
(n,n') t
37-Rb-86
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
Incident Energy (MeV)
19
37-Rb-86

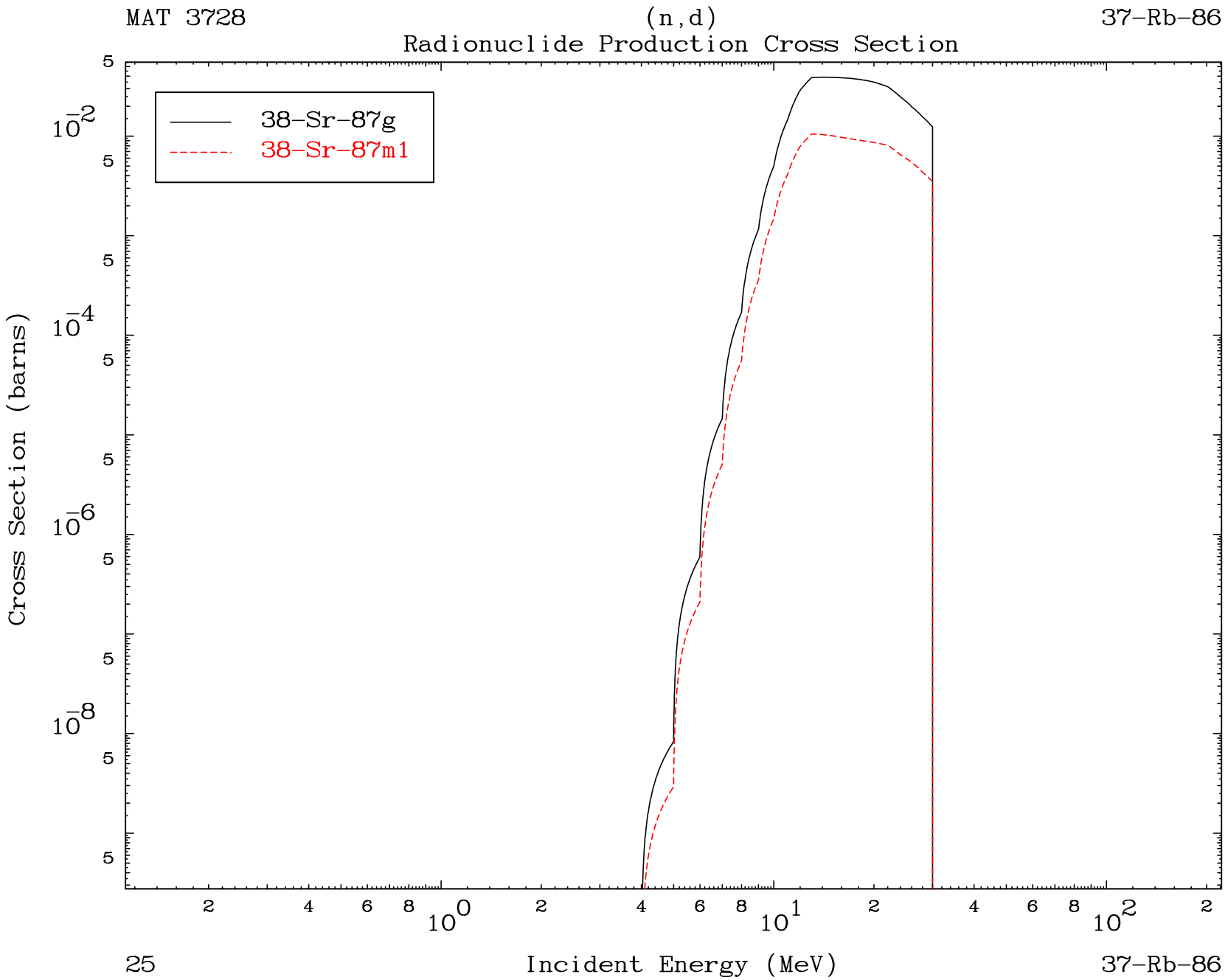

MAT 3728
(n,4n)
37-Rb-86
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
37-Rb-86

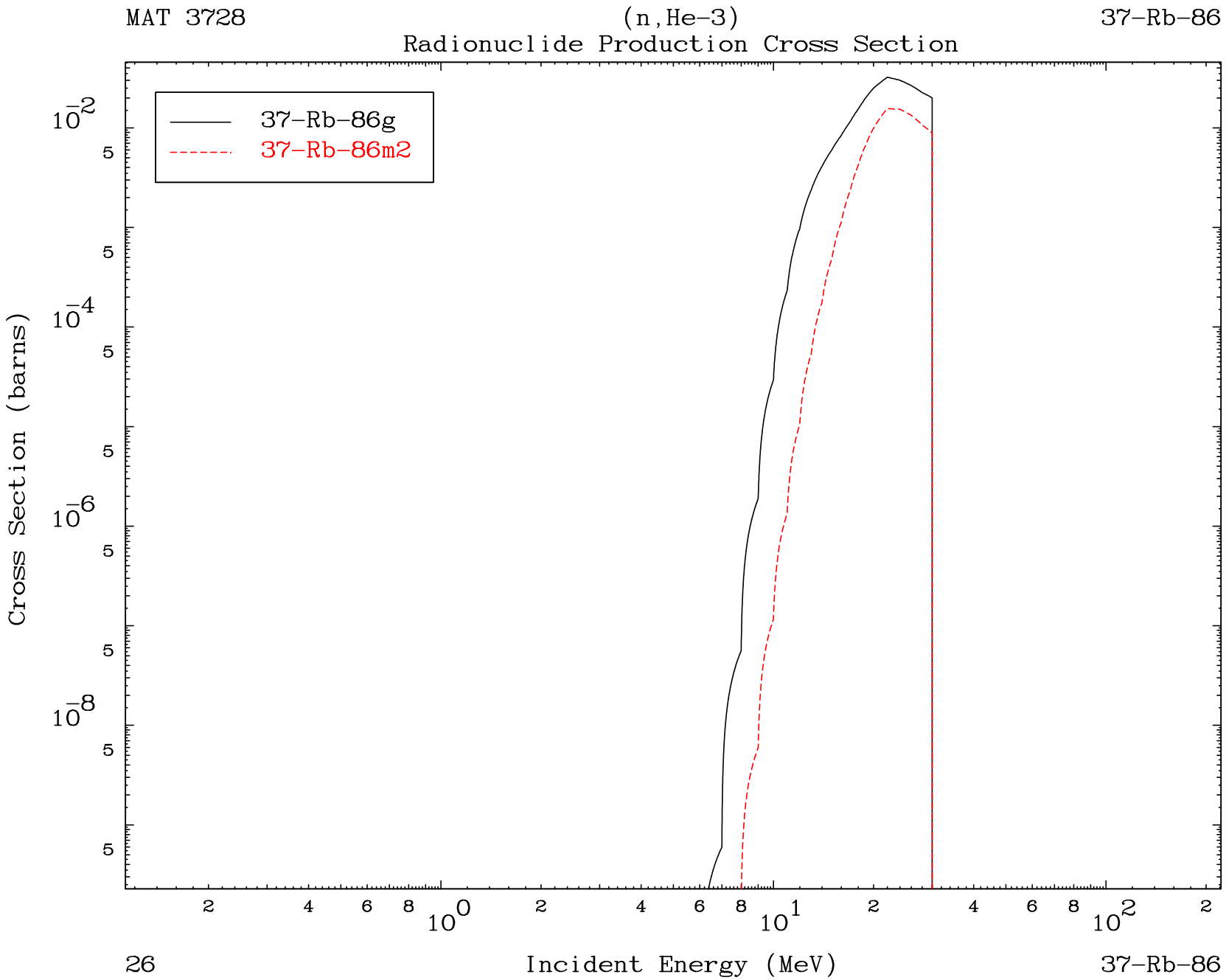

MAT 3728
(n,3n) p
37-Rb-86
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
37-Rb-86

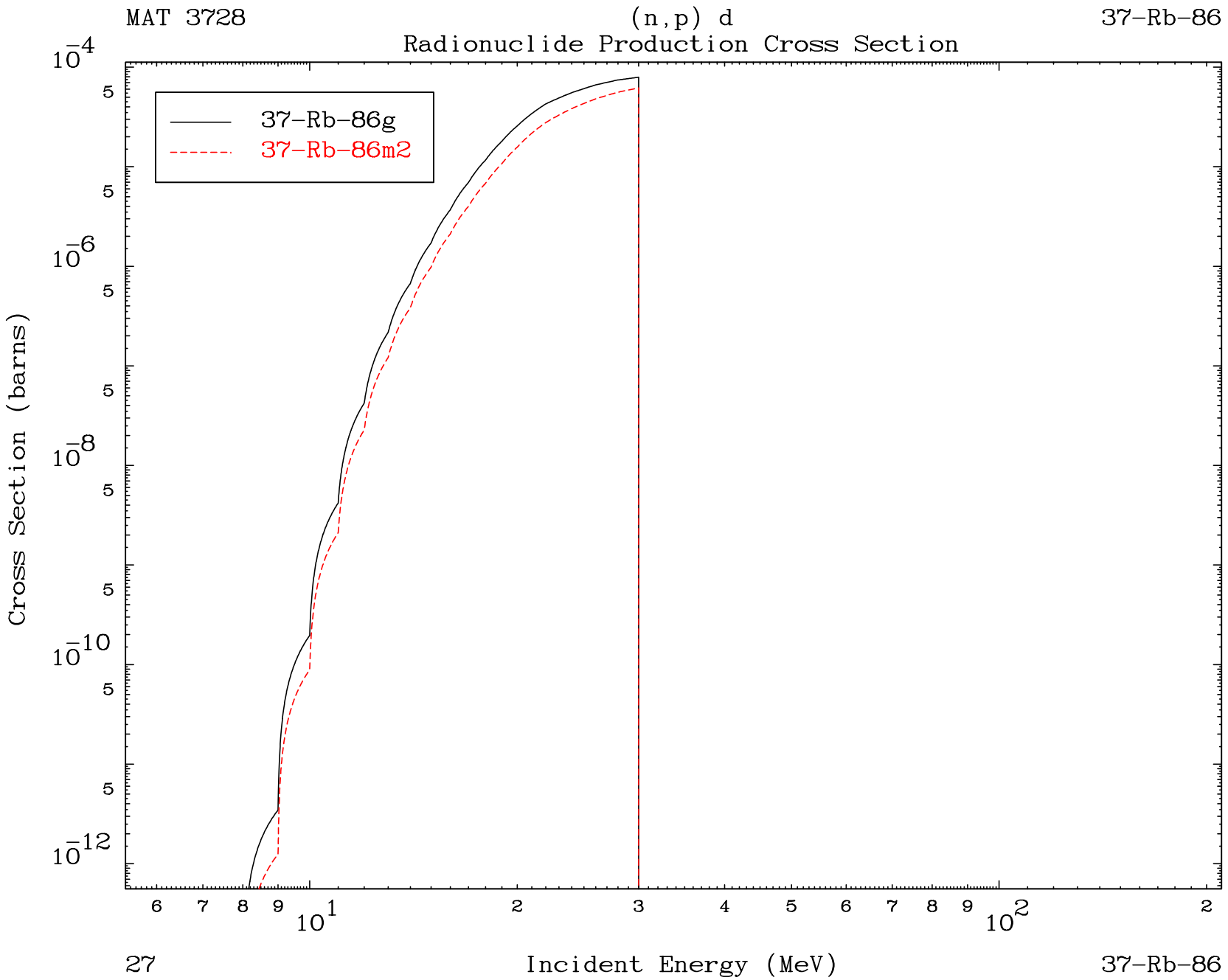

MAT 3728
(n,2n) p
37-Rb-86
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
22
Incident Energy (MeV)
37-Rb-86

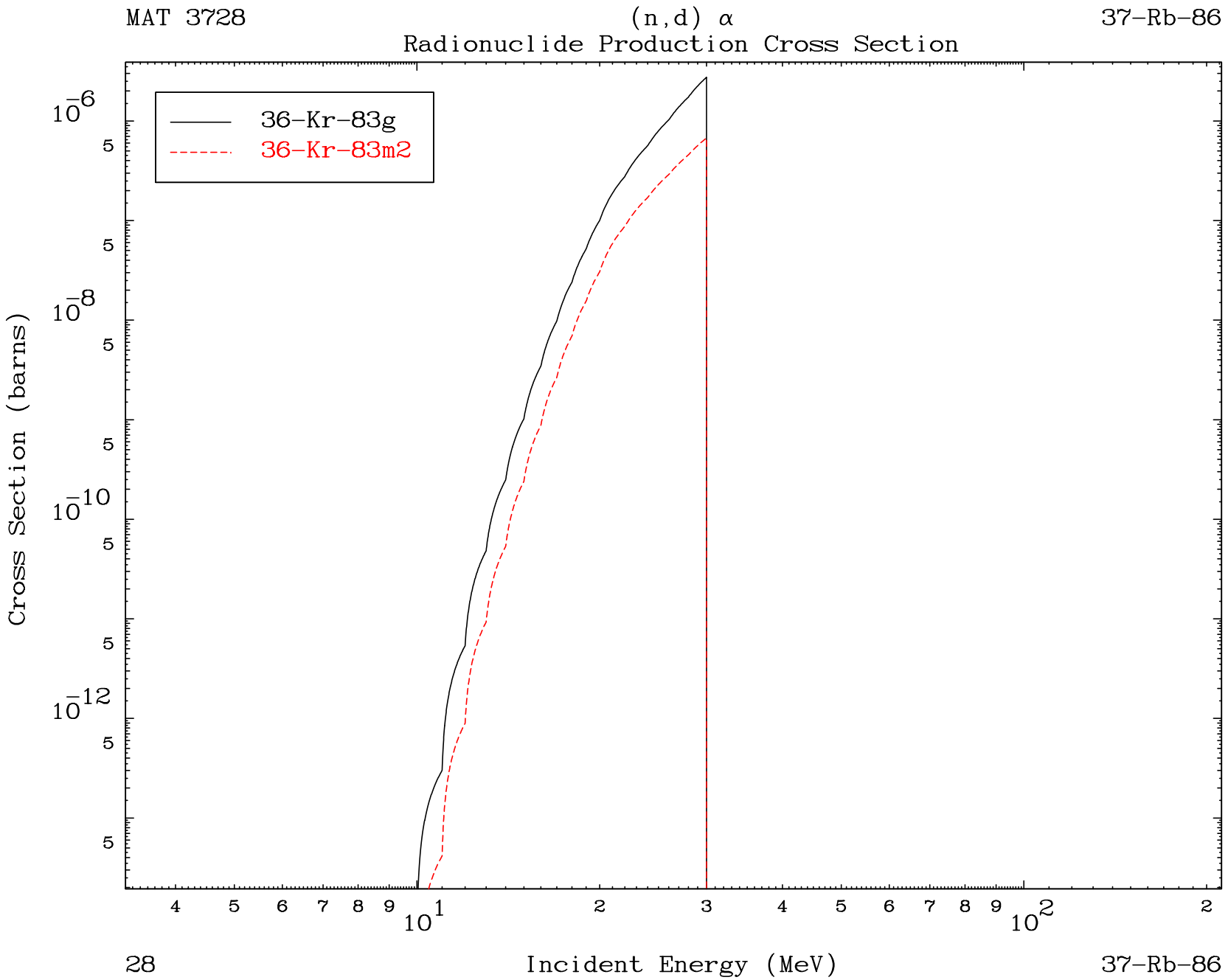

MAT 3728
(n,n') p α
37-Rb-86
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
23
37-Rb-86


MAT 3728
(n,γ)
37-Rb-86
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
24
37-Rb-86


MAT 3728
(n,d)
37-Rb-86
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
25
37-Rb-86


MAT 3728
(n,He-3)
37-Rb-86
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
26
37-Rb-86


MAT 3728
(n,p) d
37-Rb-86
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
27
37-Rb-86


MAT 3728
(n,d) α
37-Rb-86
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
28
Incident Energy (MeV)
37-Rb-86