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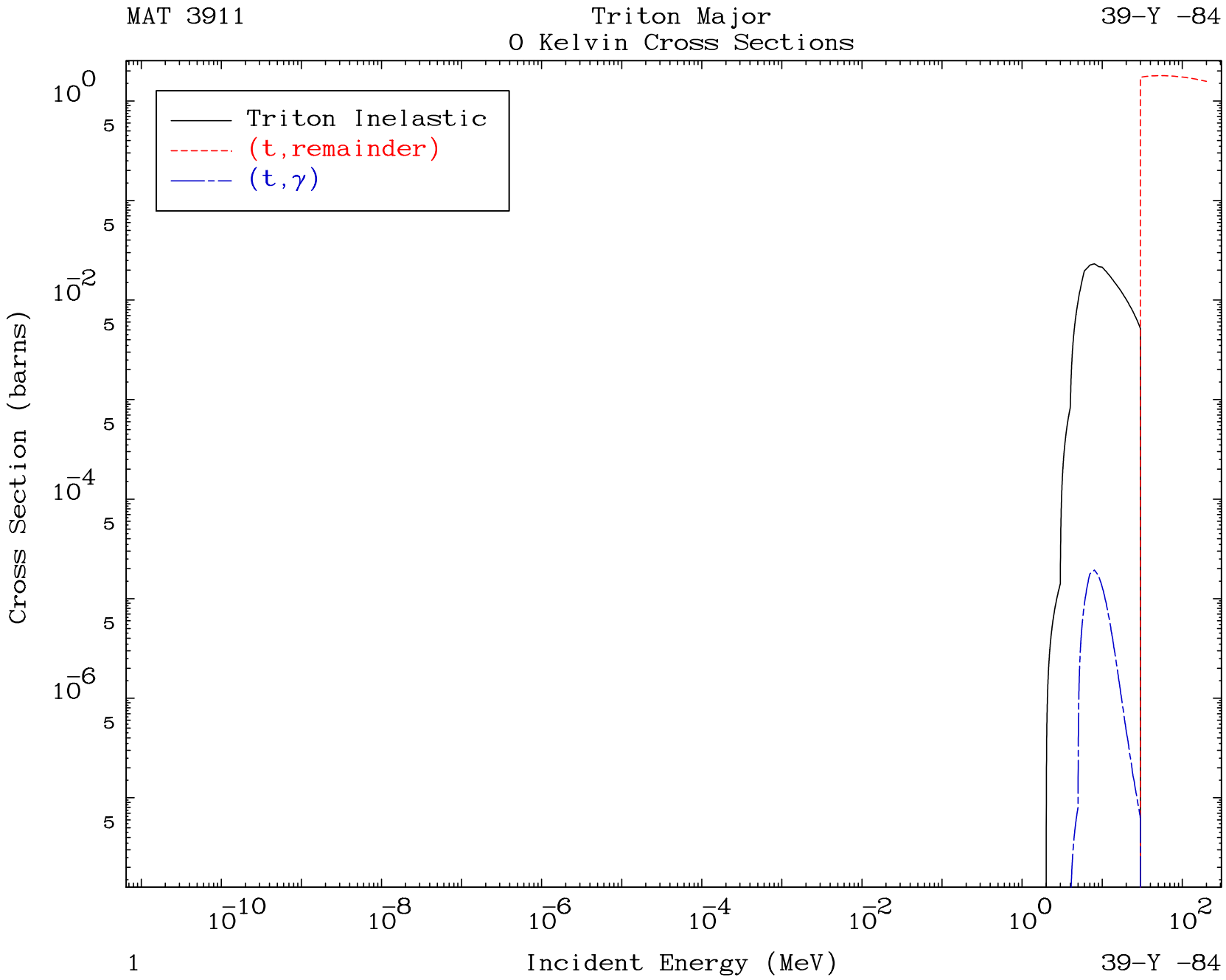
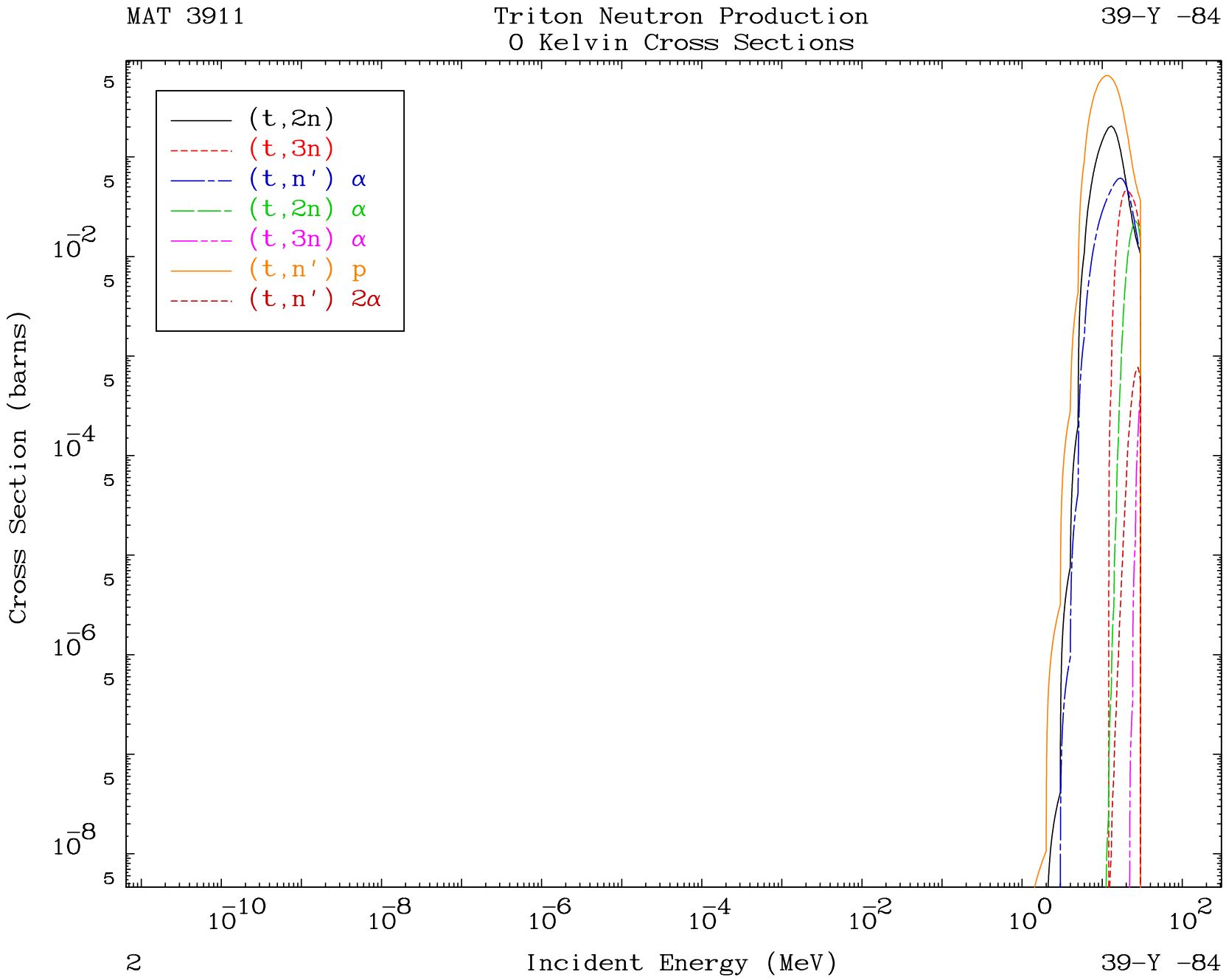
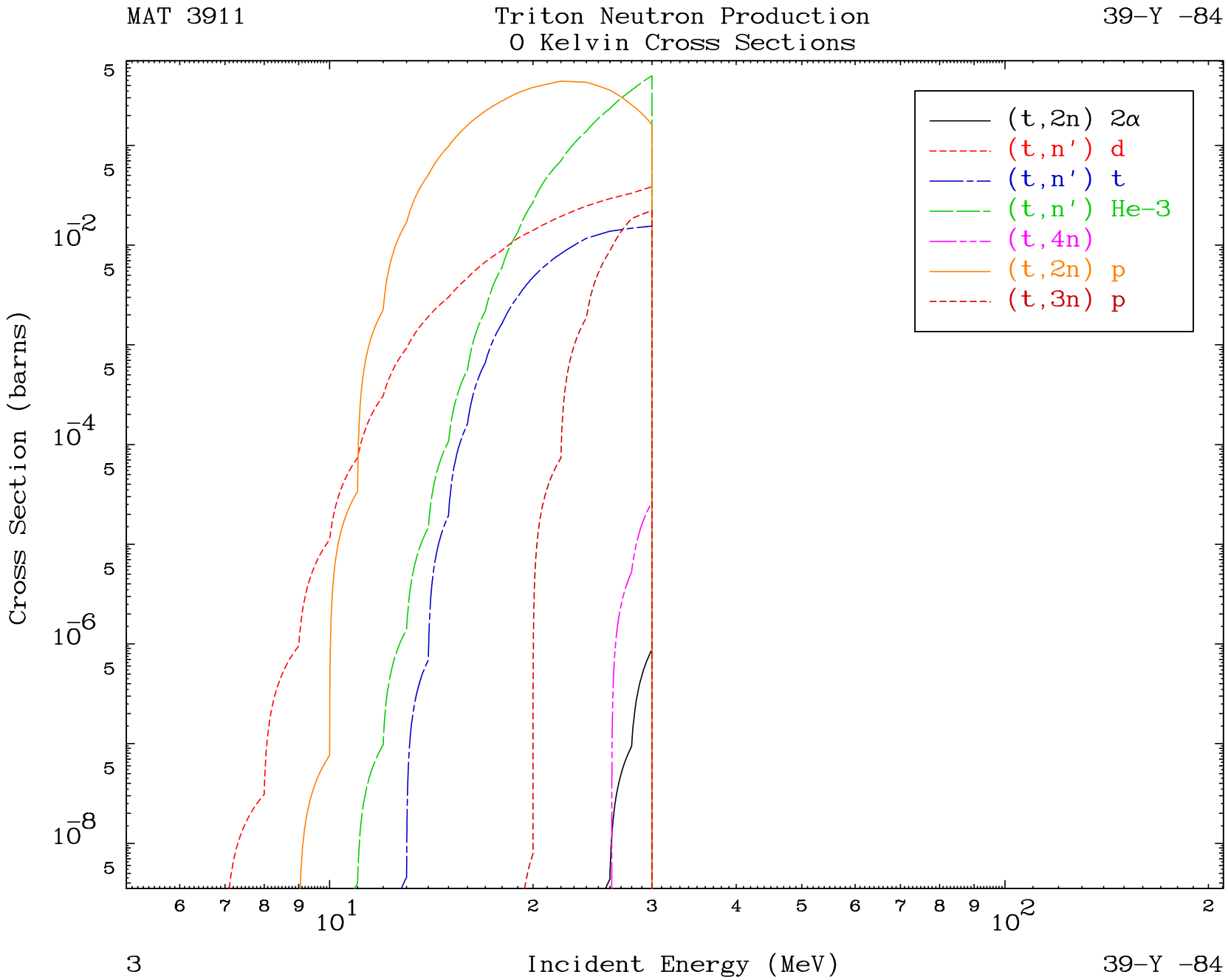
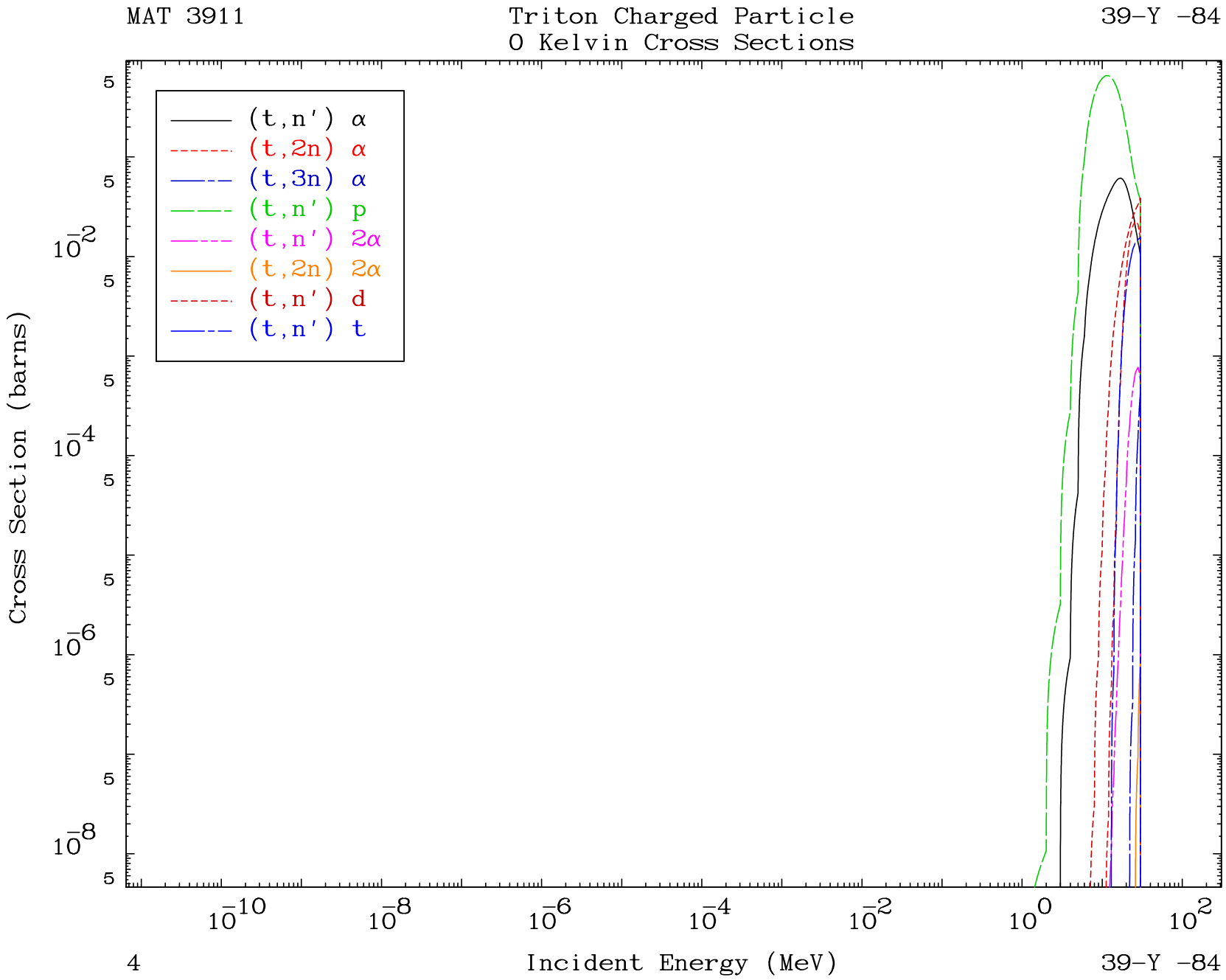
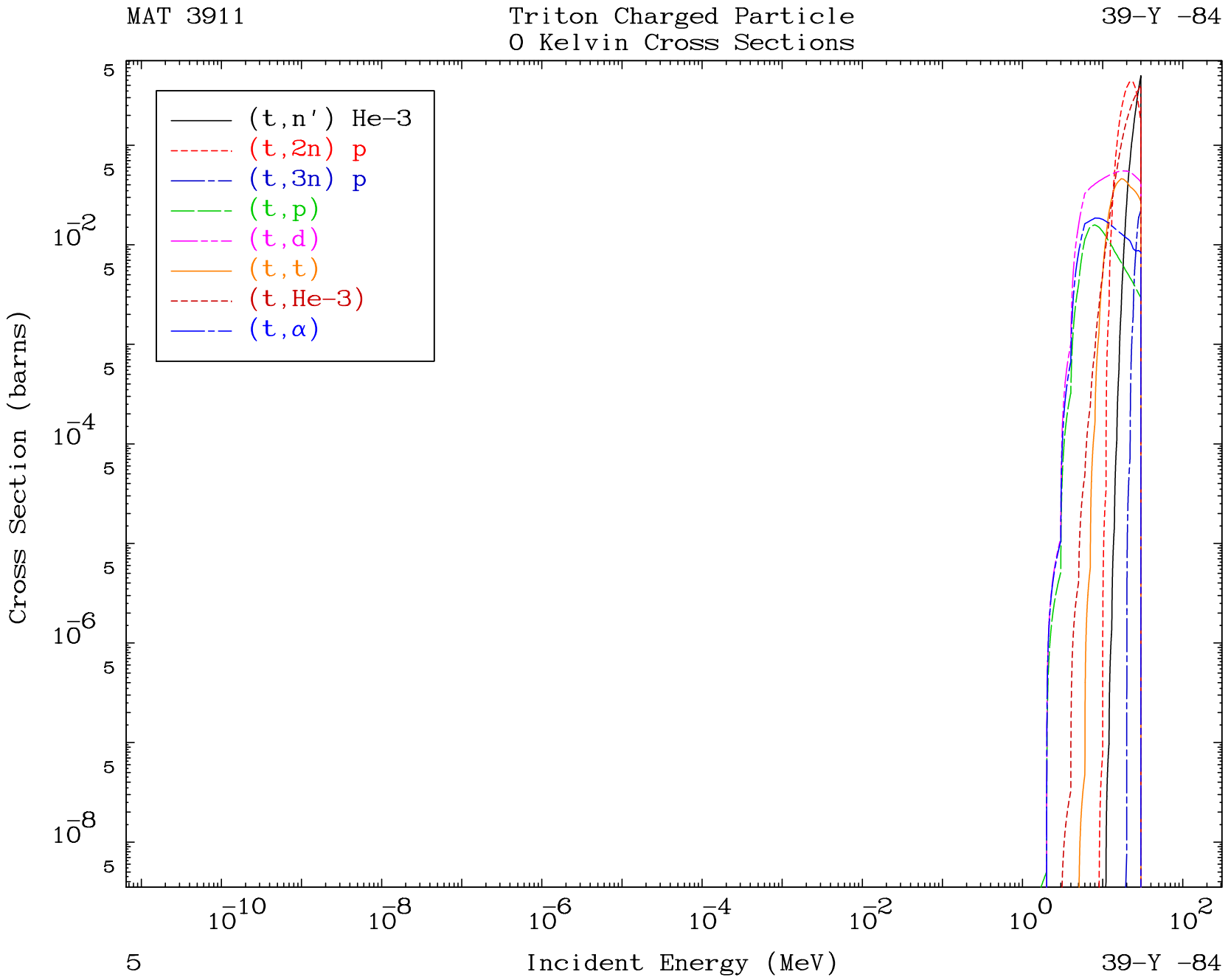
Press Mouse Button to Start

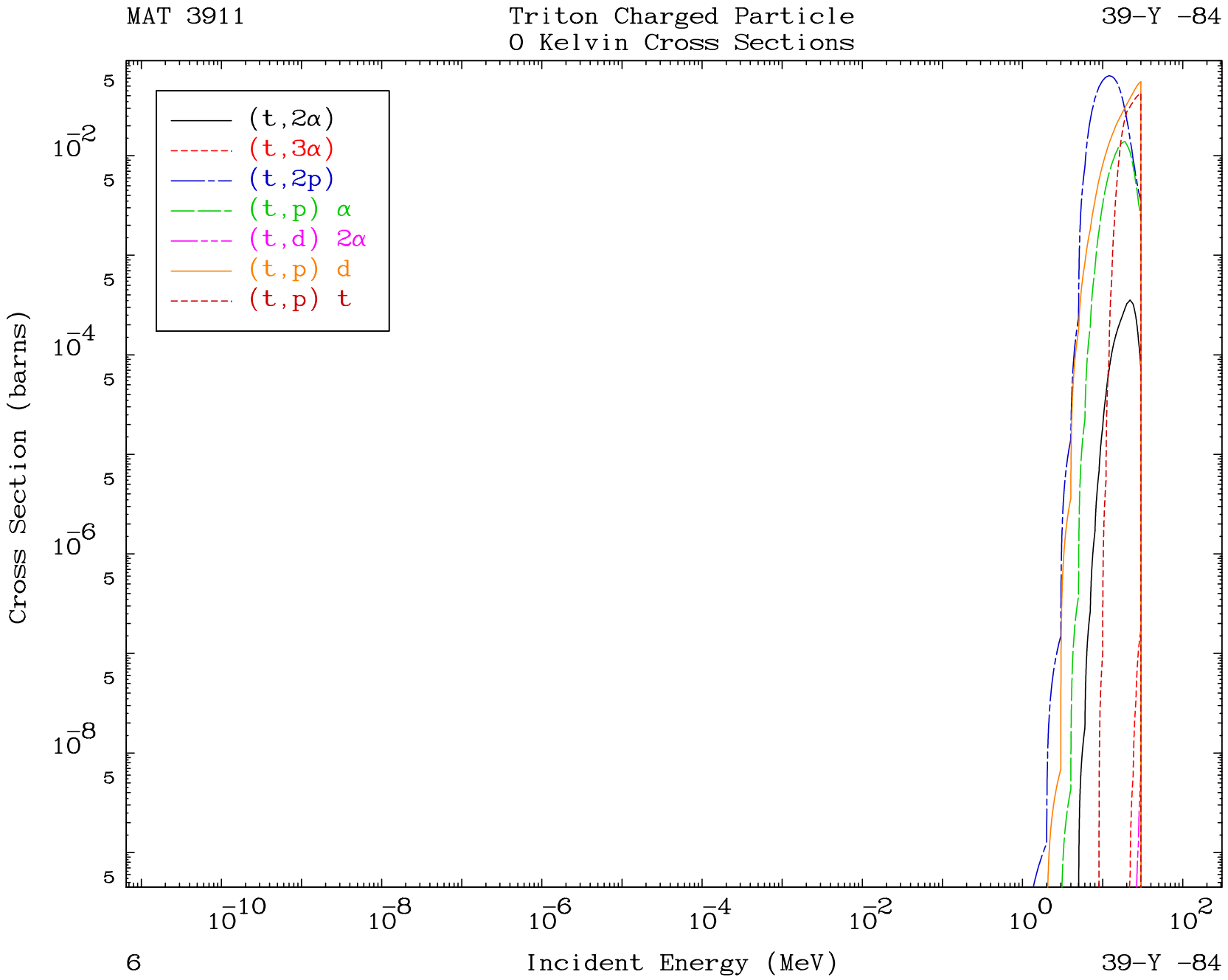

MAT 3911
Triton Major
39-Y -84
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
39-Y -84

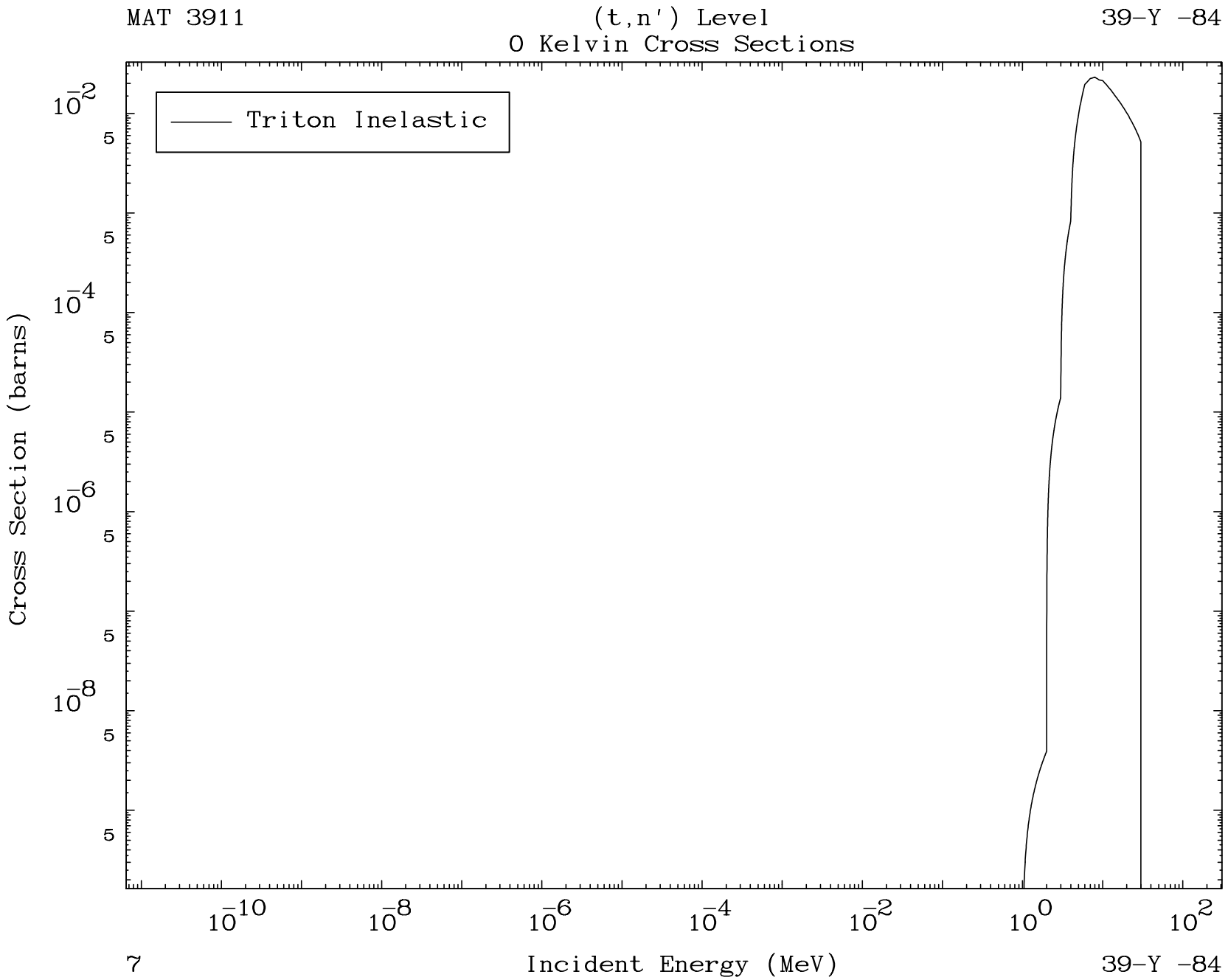

MAT 3911
Triton Neutron Production
0 Kelvin Cross Sections
39-Y -84
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
39-Y -84

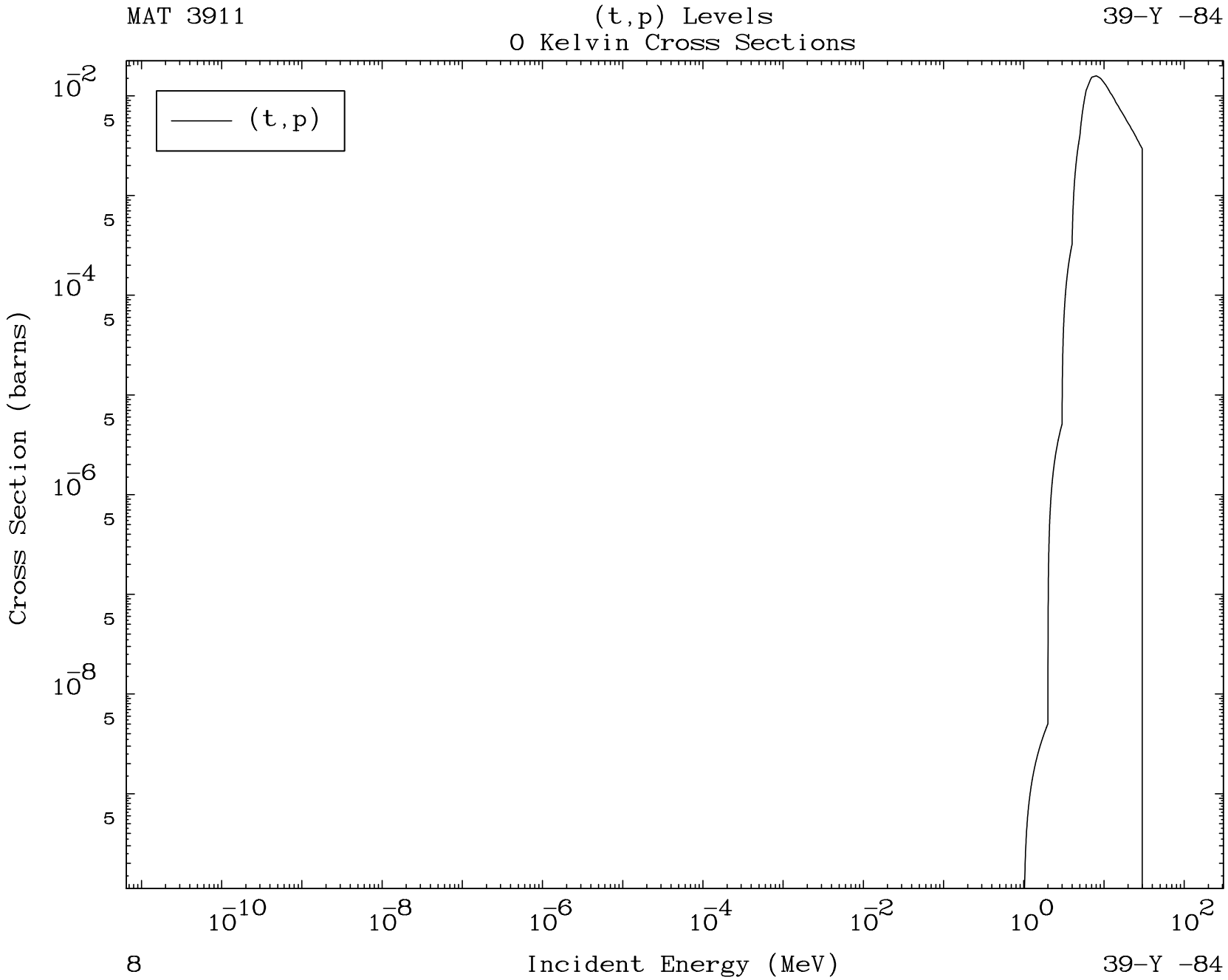

MAT 3911
Triton Neutron Production
0 Kelvin Cross Sections
39-Y -84
(t,2n) 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
39-Y -84

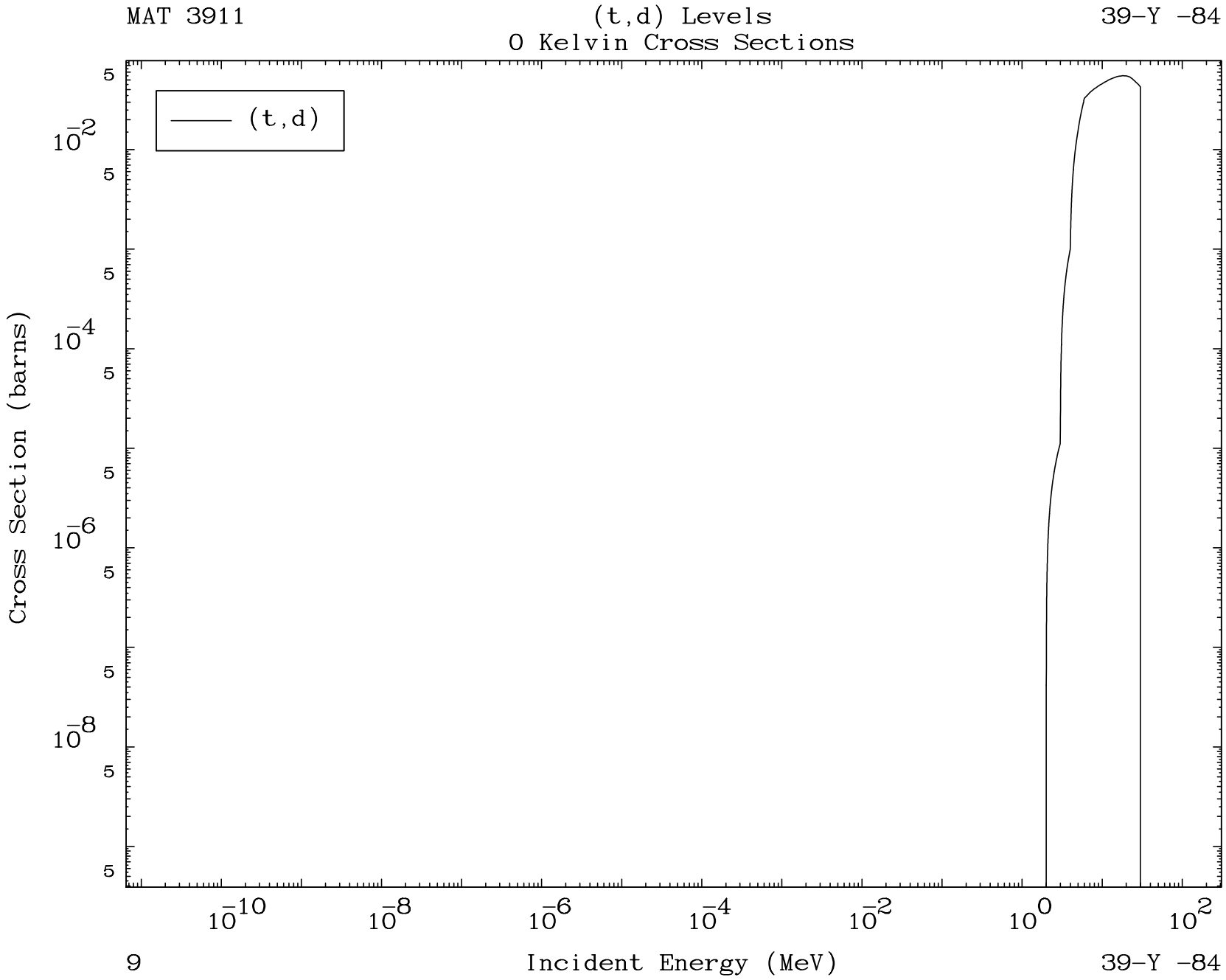

MAT 3911
Triton Charged Particle
0 Kelvin Cross Sections
39-Y -84
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,2n) 2α
(t,n') d
(t,n') t
Cross Section (barns)
Incident Energy (MeV)
4
39-Y -84

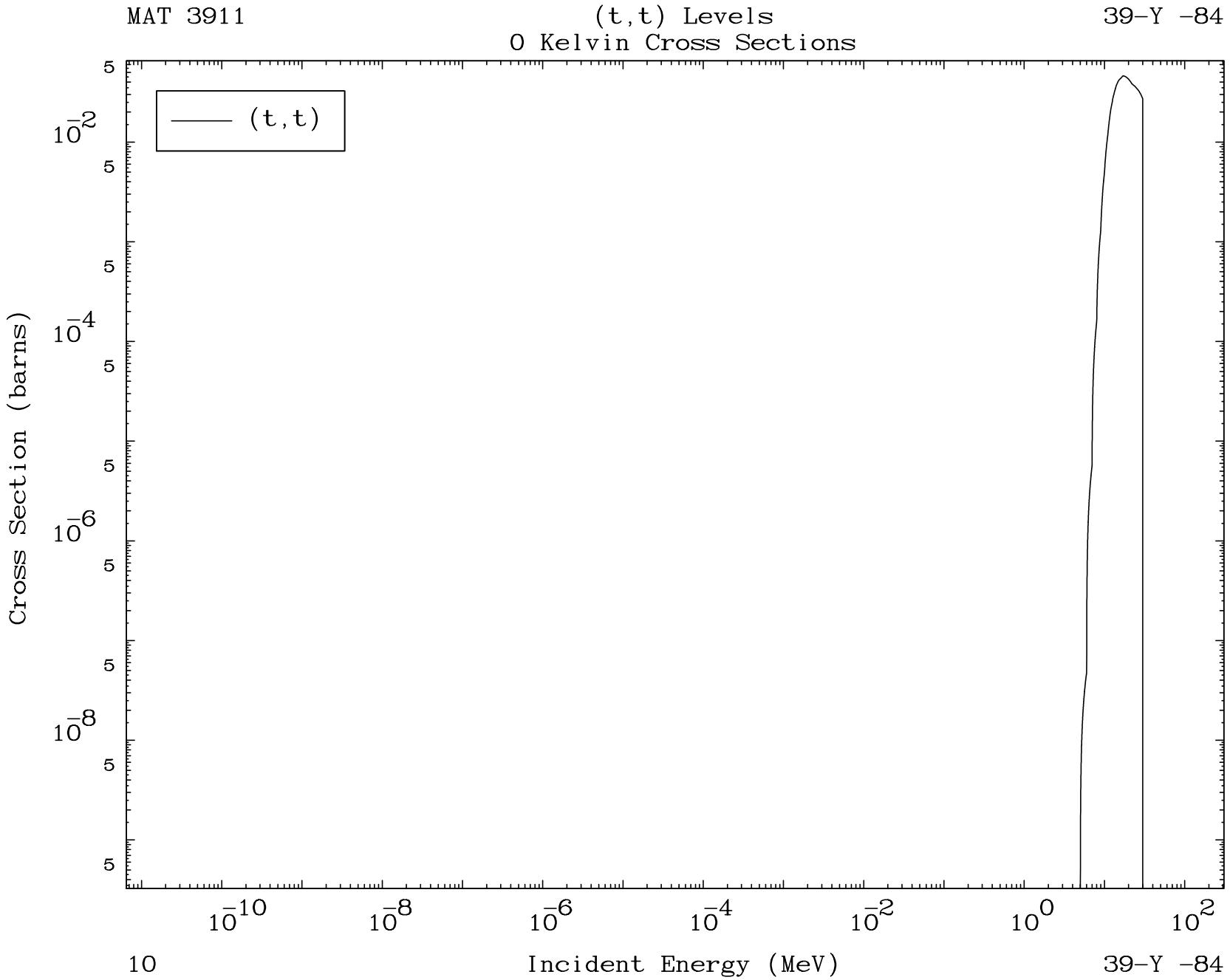

MAT 3911
Triton Charged Particle
0 Kelvin Cross Sections
39-Y -84
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
Cross Section (barns)
Incident Energy (MeV)
39-Y -84

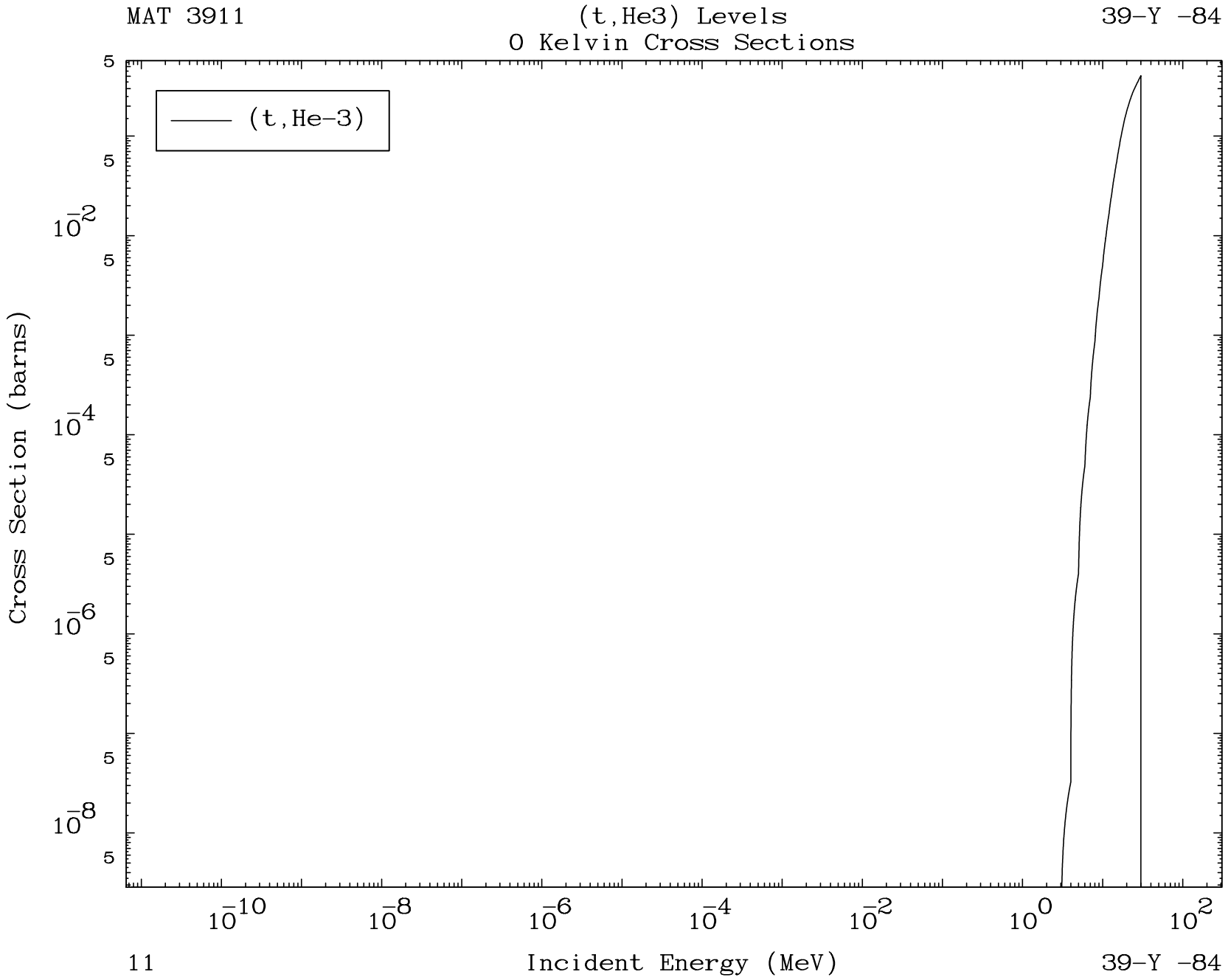

MAT 3911
Triton Charged Particle
0 Kelvin Cross Sections
39-Y -84
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,d) 2α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
6
39-Y -84

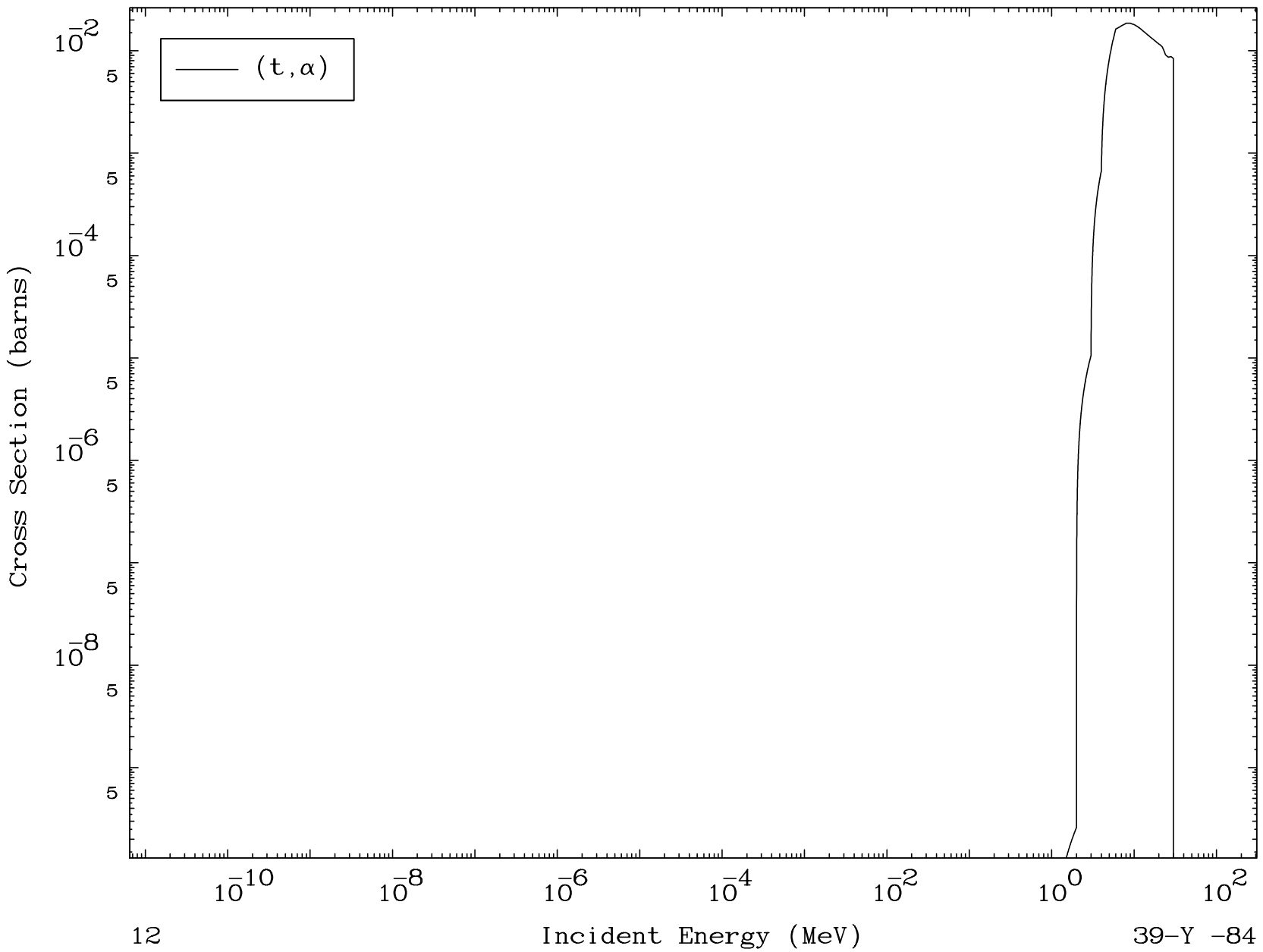

MAT 3911
(t,n') Level
39-Y -84
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10-10
10-8
10-6
10-4
10-2
100
102
Incident Energy (MeV)
7
39-Y -84

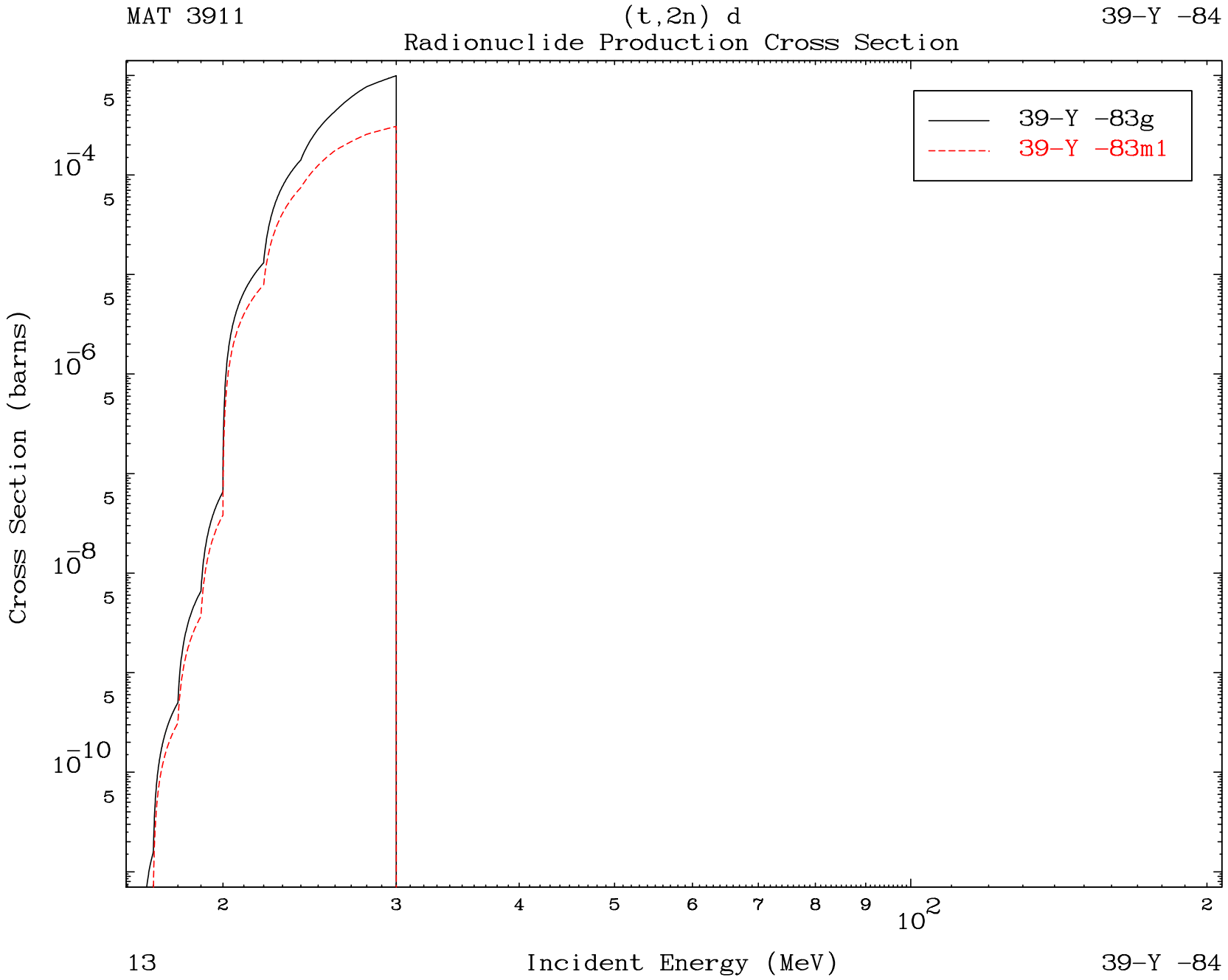

MAT 3911
(t,p) Levels
39-Y -84
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
8
39-Y -84

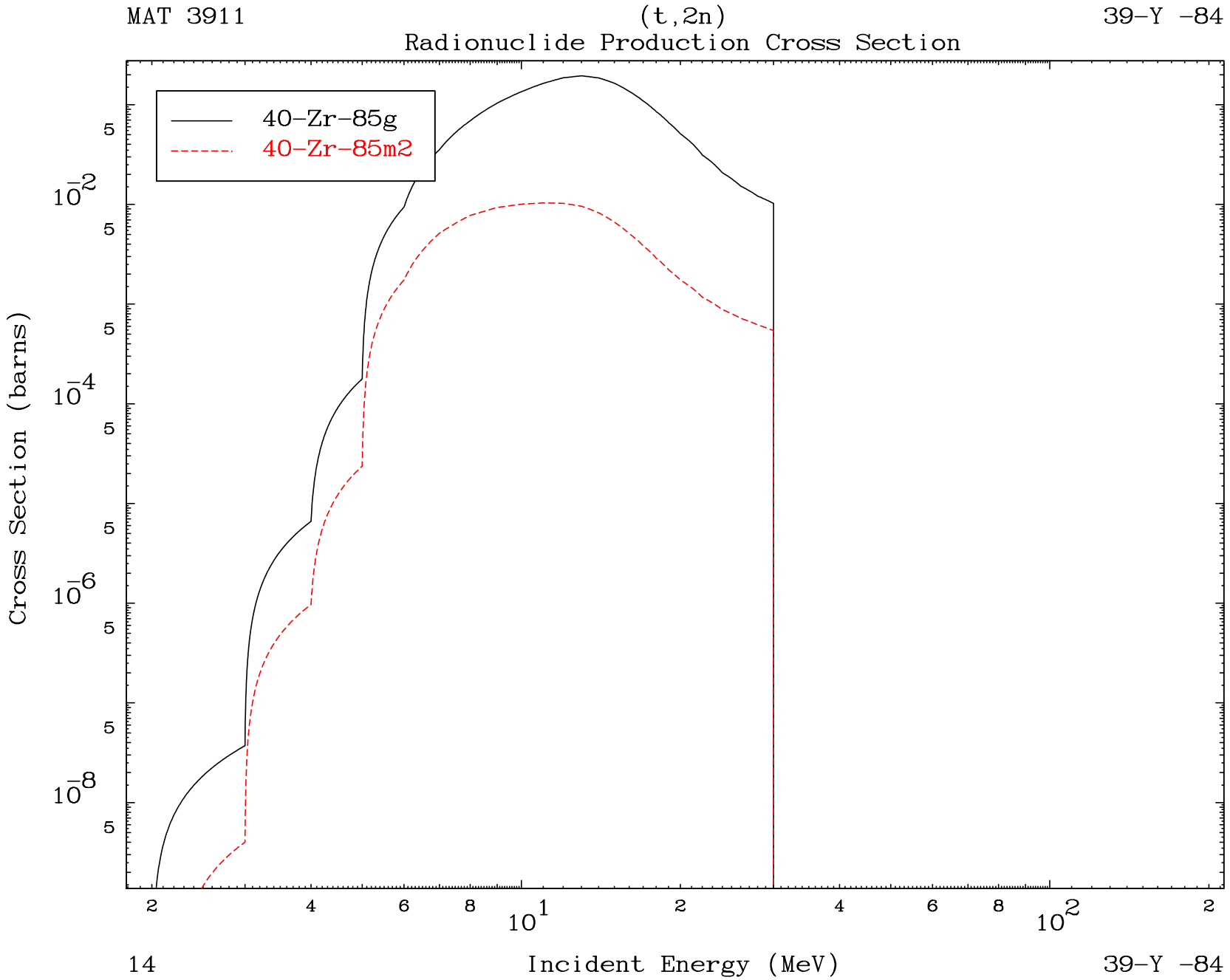

MAT 3911
(t,d) Levels
39-Y -84
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
9
39-Y -84

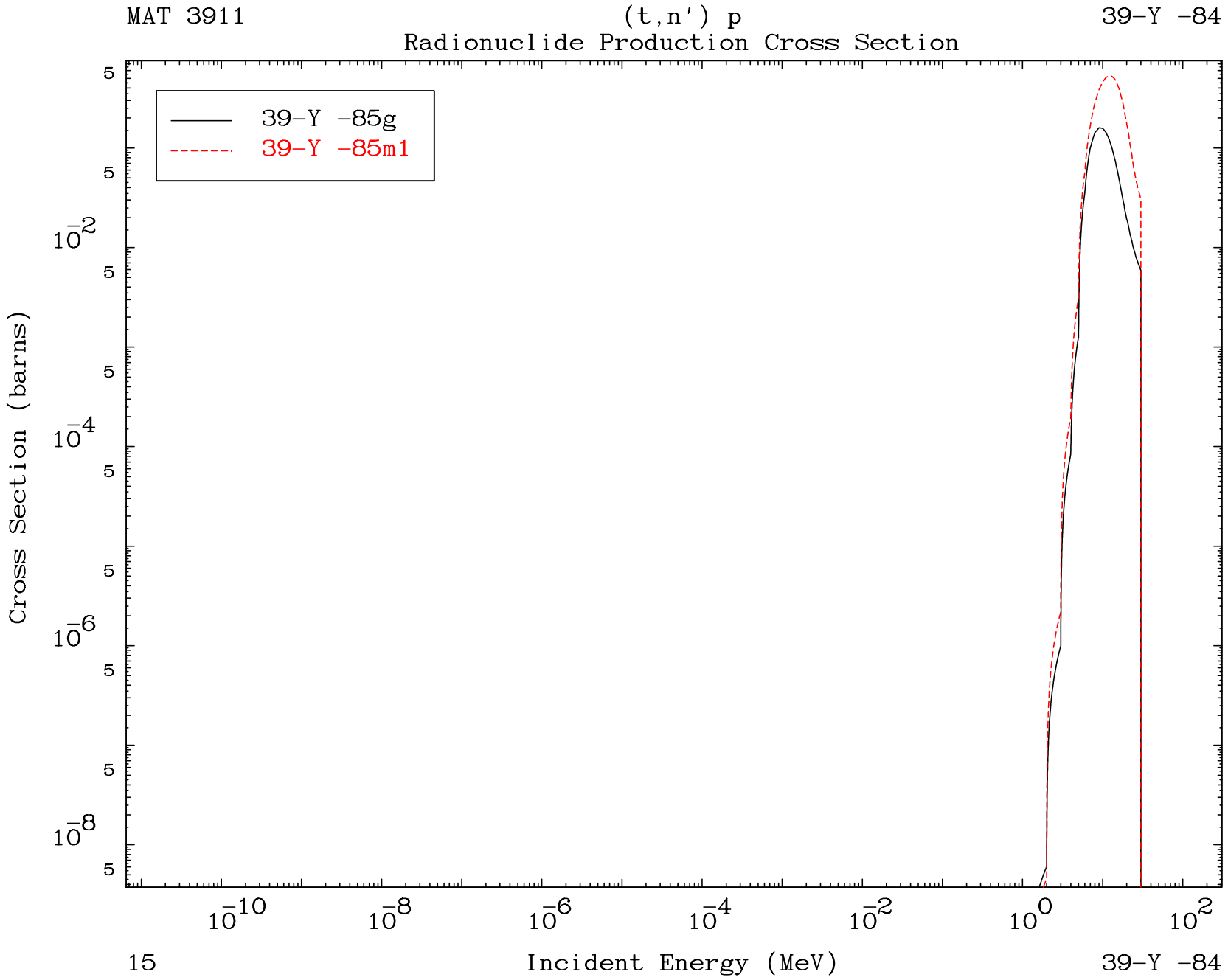

MAT 3911
(t,t) Levels
39-Y -84
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
10
39-Y -84

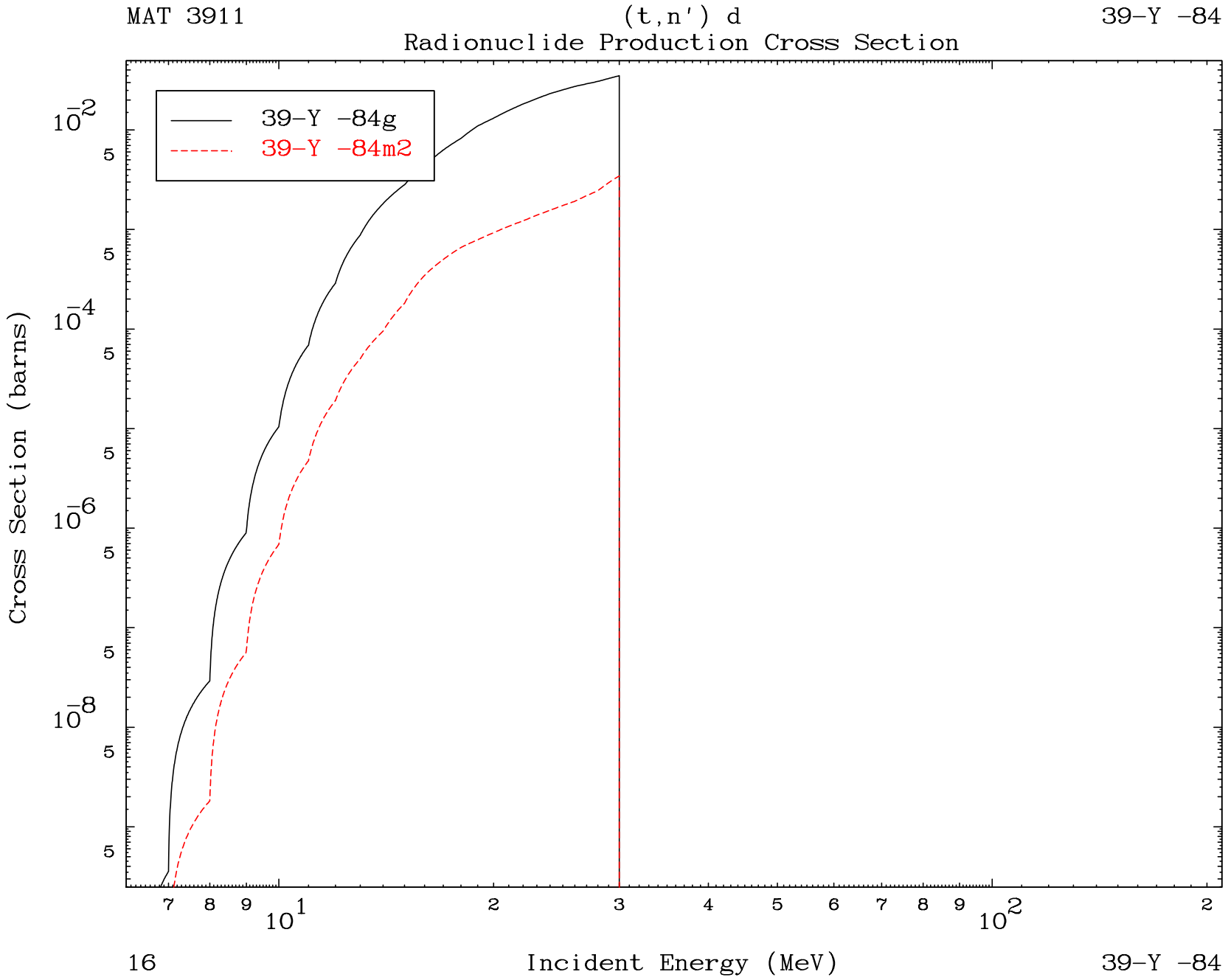

MAT 3911
(t,He3) Levels
39-Y -84
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
39-Y -84

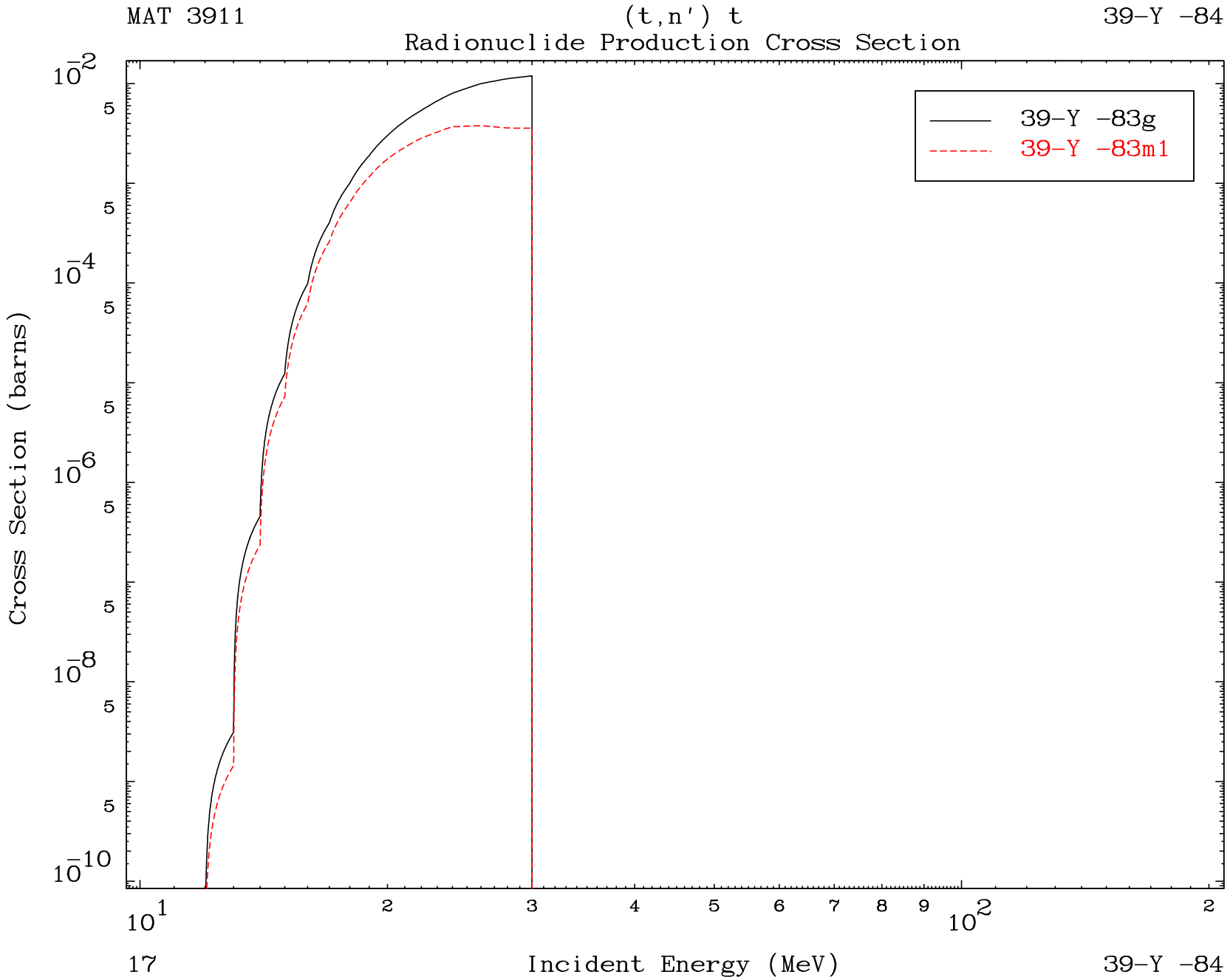

0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10^-2
5
10^-4
5
10^-6
5
10^-8
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)

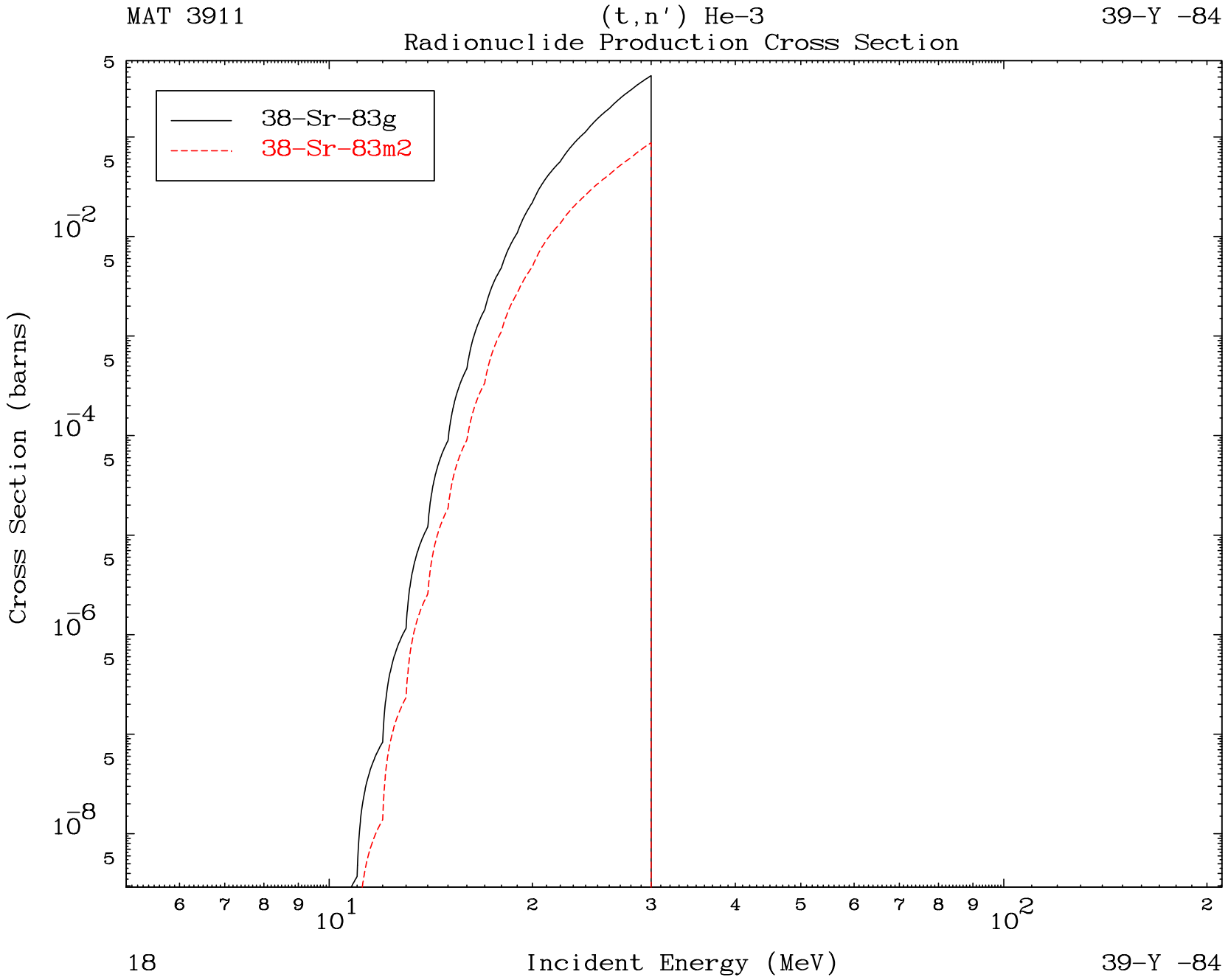

MAT 3911
(t,2n) d
39-Y -84
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
13
39-Y -84

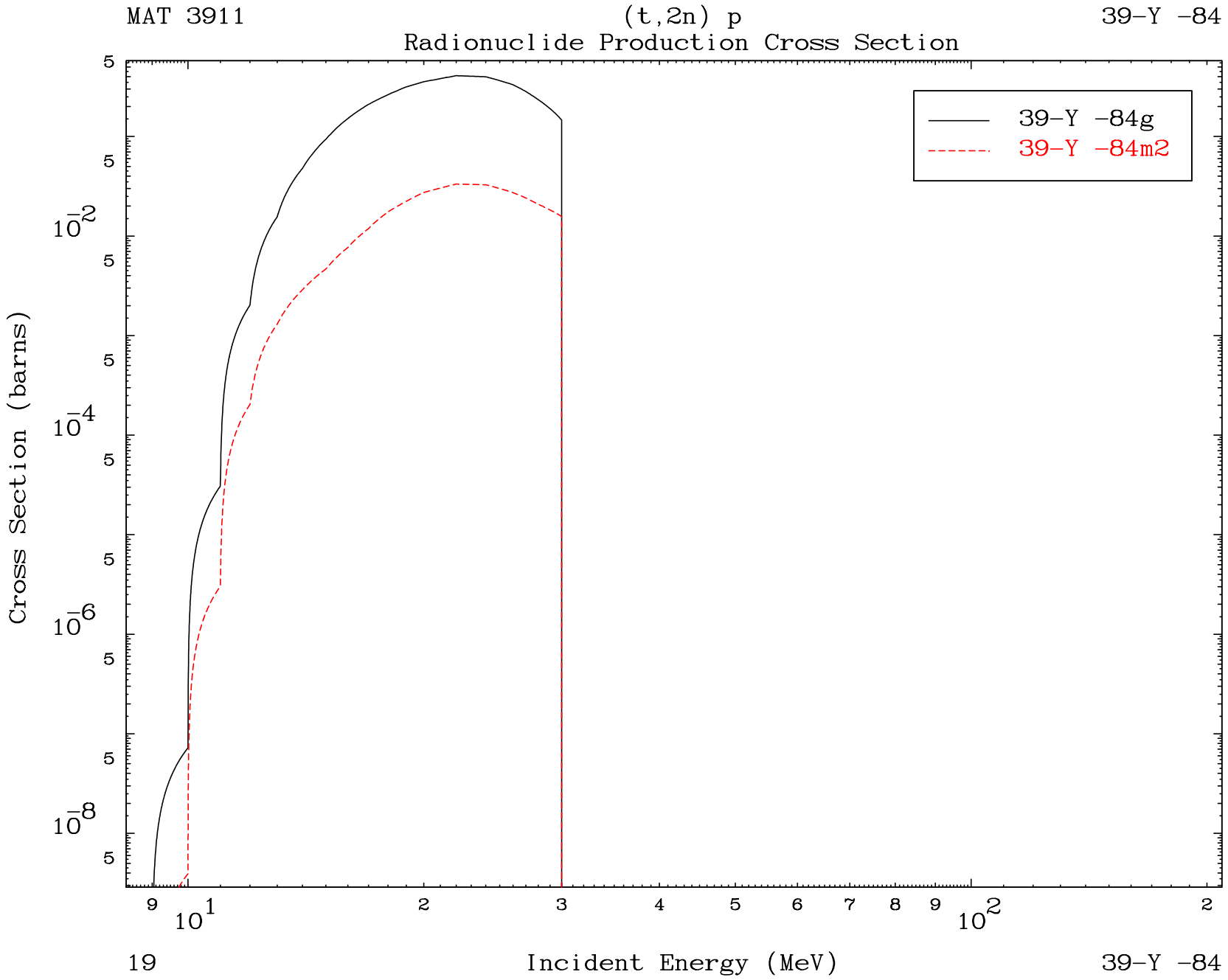

MAT 3911
(t,2n)
39-Y -84
Radionuclide Production Cross Section
40-Zr-85g
40-Zr-85m2
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
10 1
2
4
6
8
10 2
2
14
Incident Energy (MeV)
39-Y -84

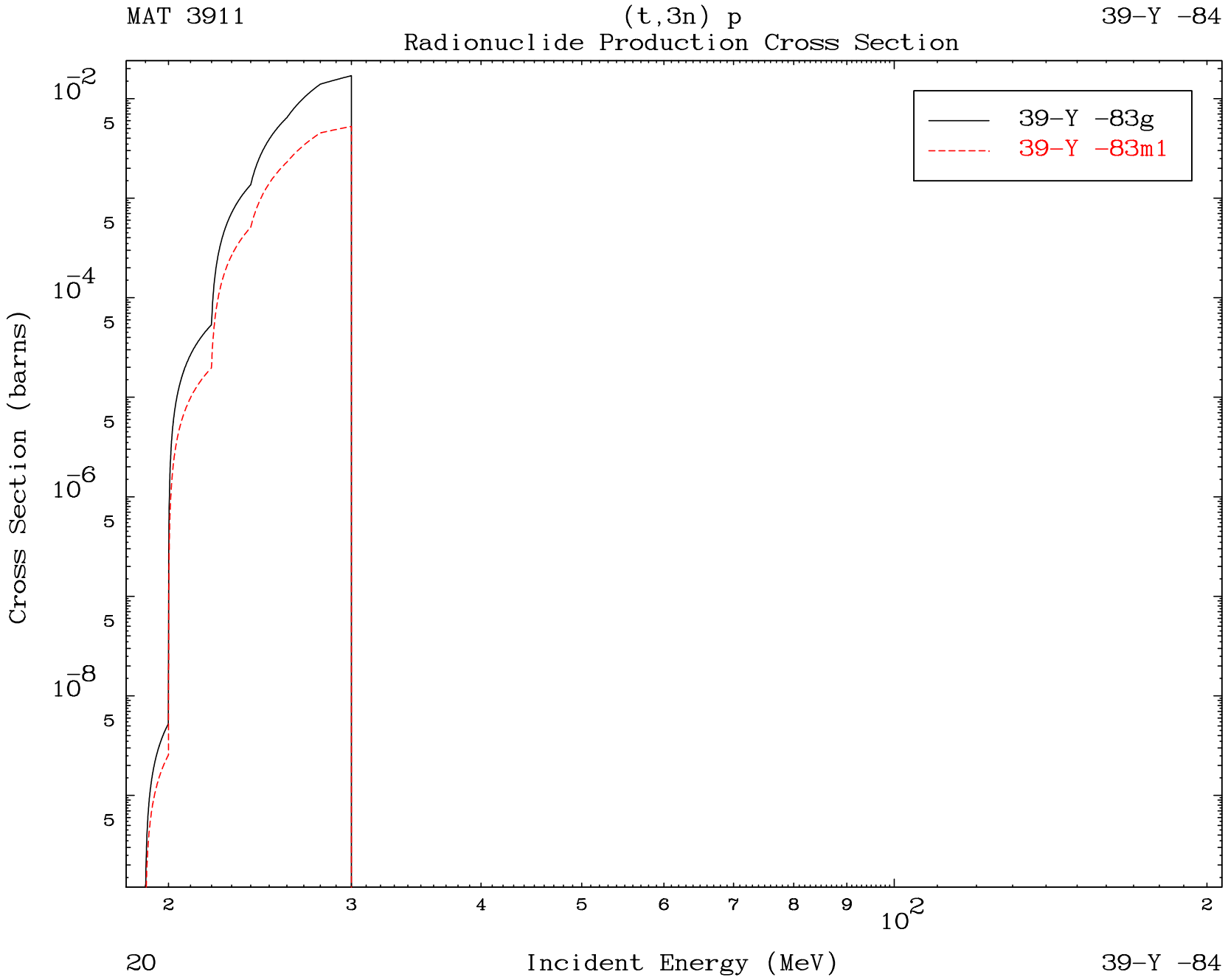

MAT 3911
(t,n') p
39-Y -84
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
Incident Energy (MeV)
15
39-Y -84

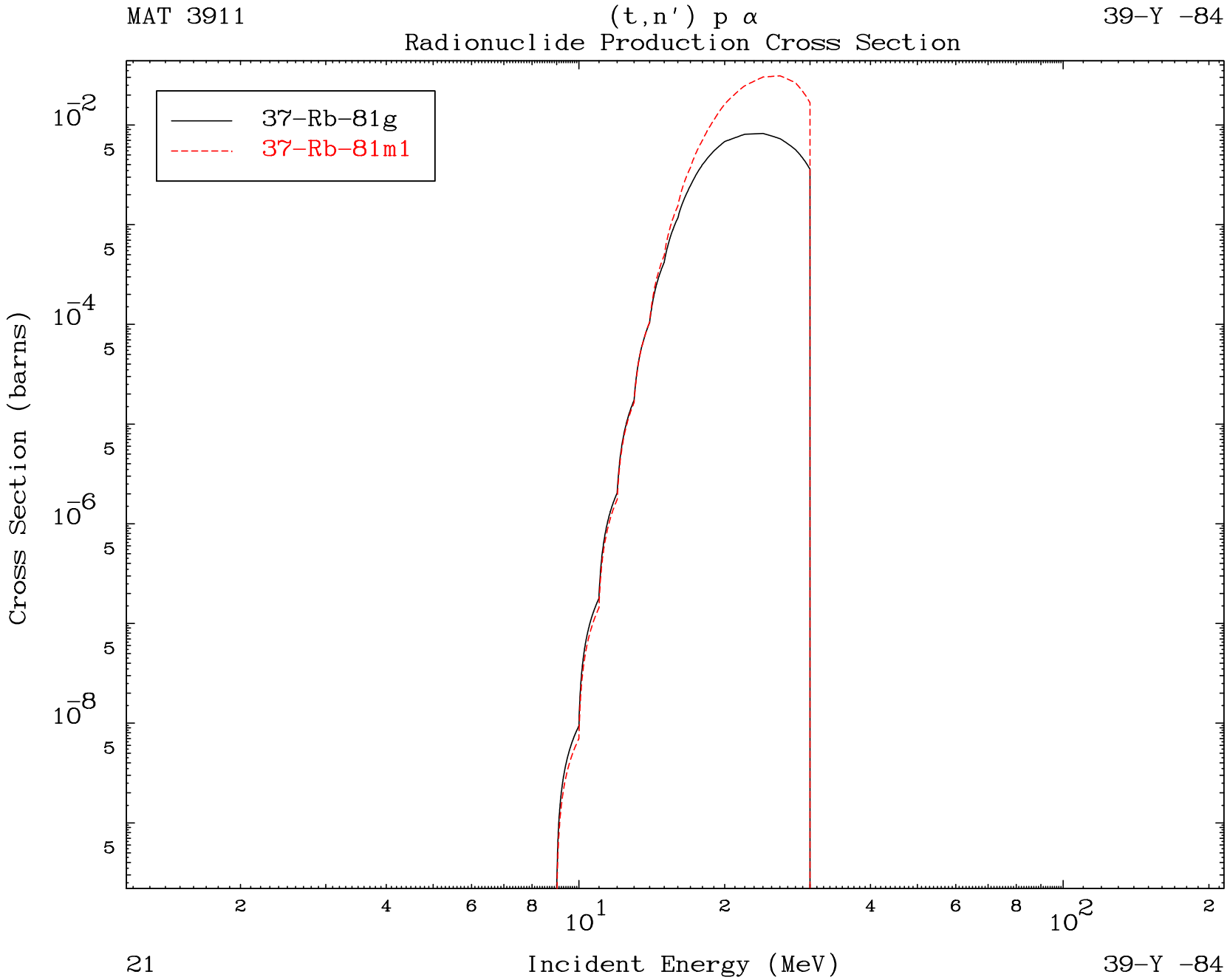

MAT 3911
(t,n') d
39-Y -84
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
Incident Energy (MeV)
16
39-Y -84

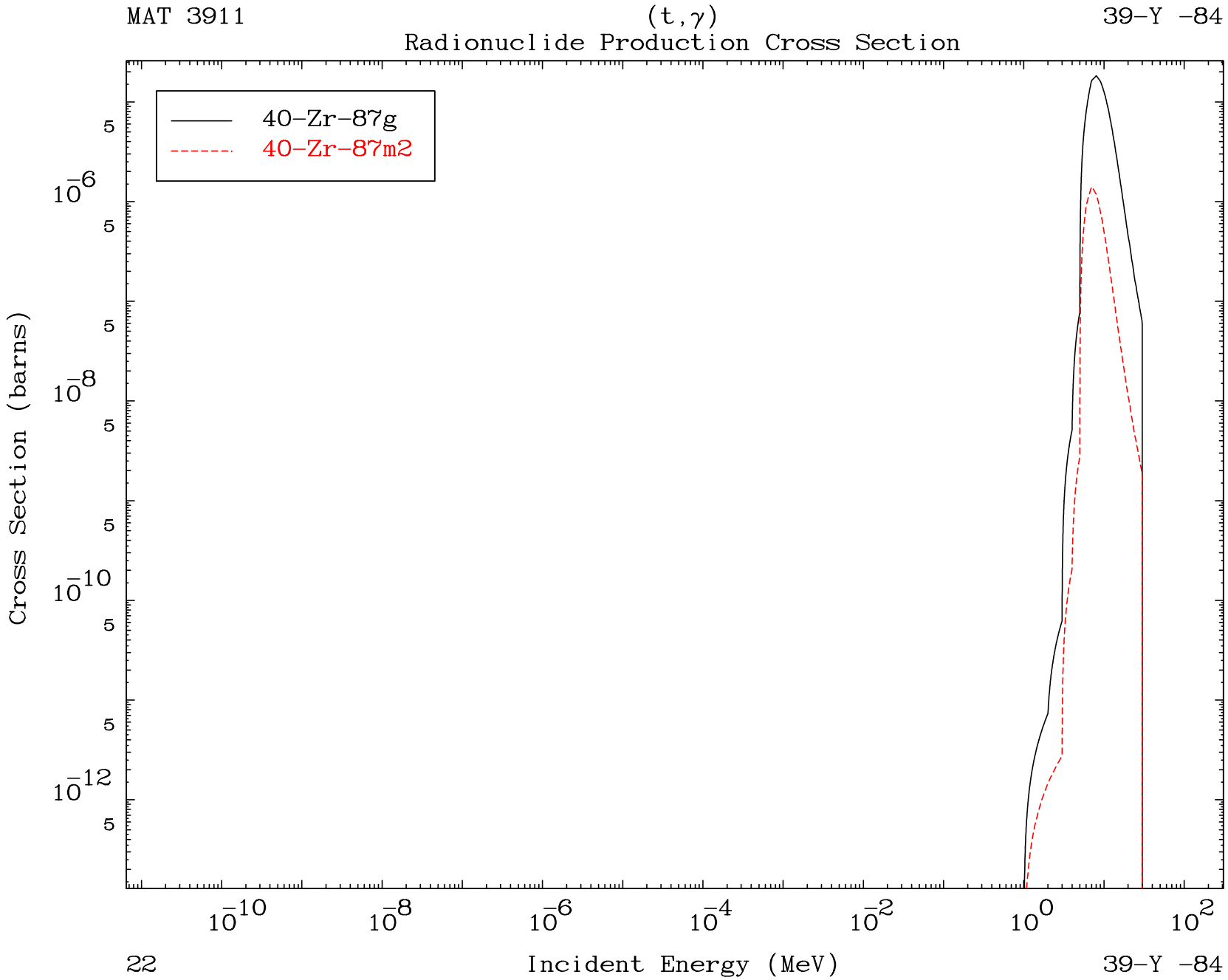

MAT 3911
(t,n') t
39-Y -84
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
Incident Energy (MeV)
17
39-Y -84

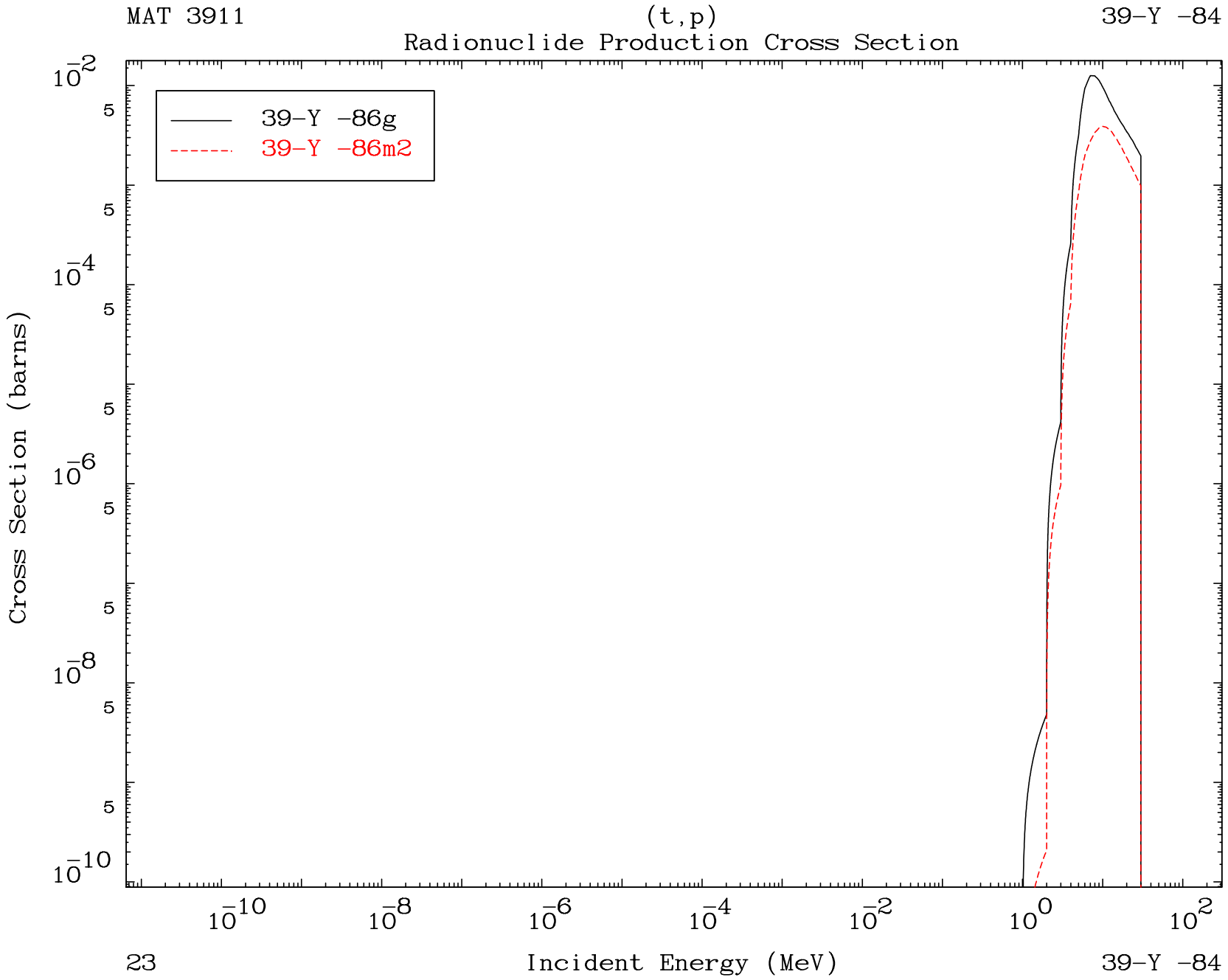

MAT 3911
(t,n') He-3
39-Y -84
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
18
39-Y -84

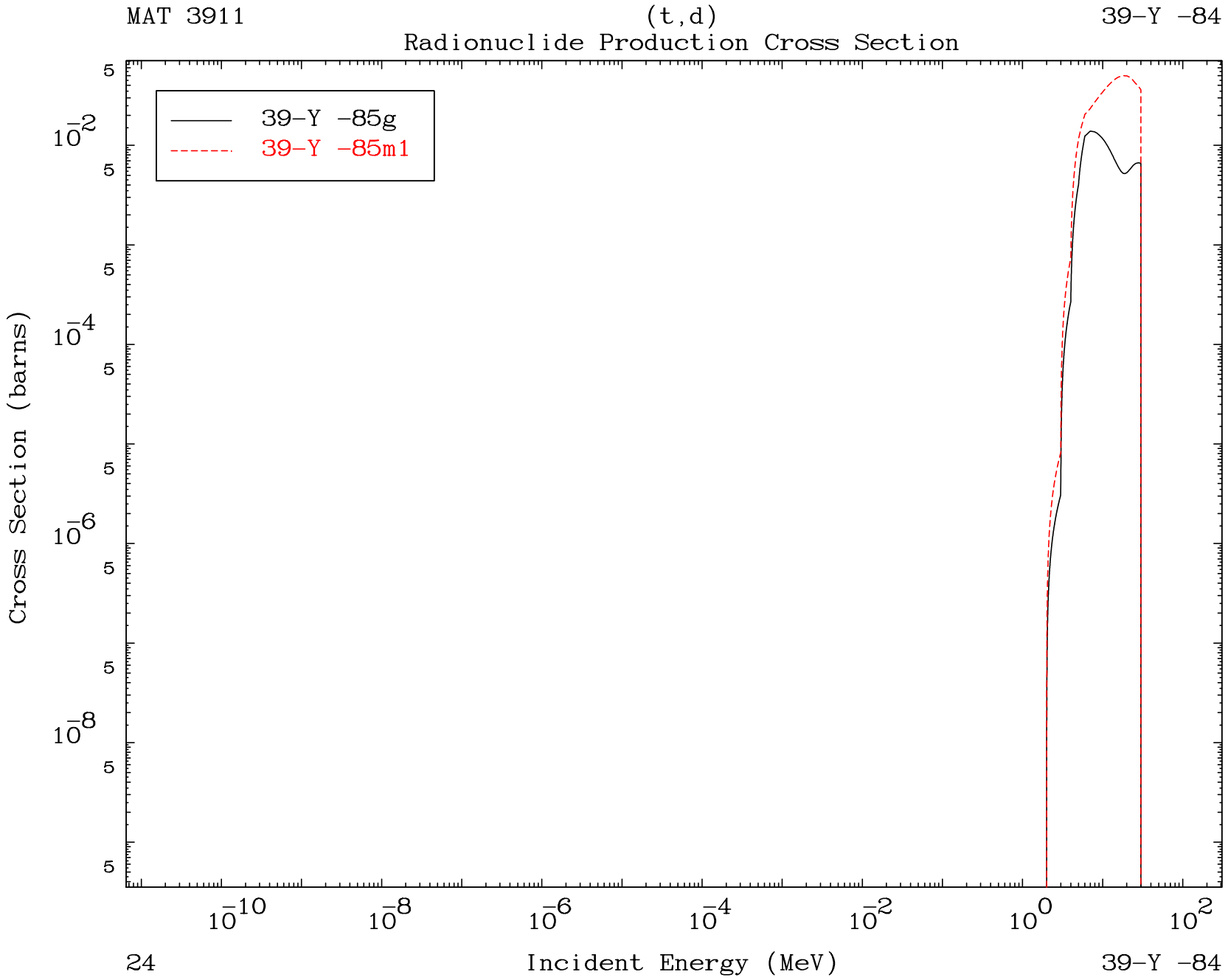

MAT 3911
(t,2n) p
39-Y -84
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
Incident Energy (MeV)
19
39-Y -84

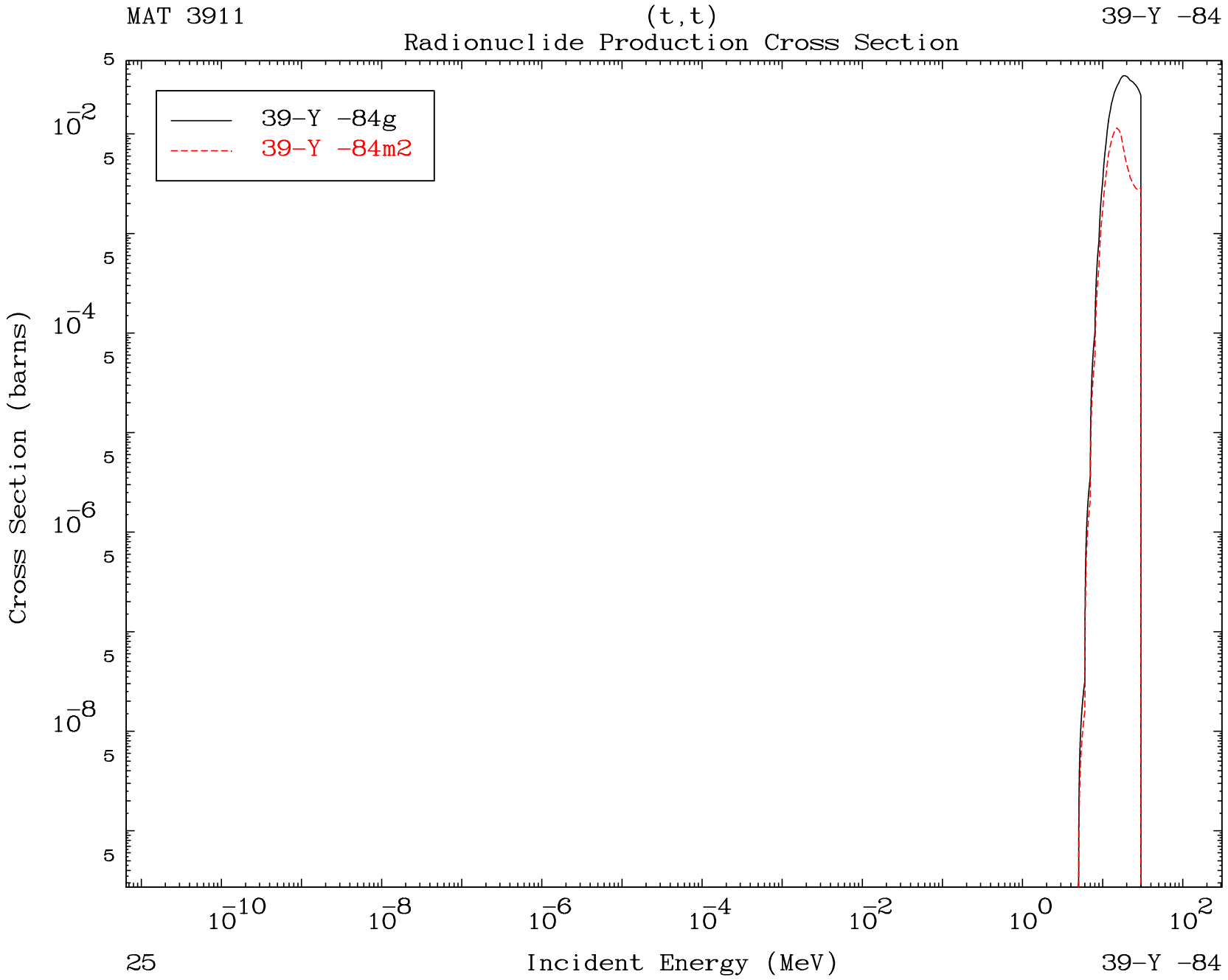

MAT 3911
(t,3n) p
39-Y -84
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
Incident Energy (MeV)
20
39-Y -84

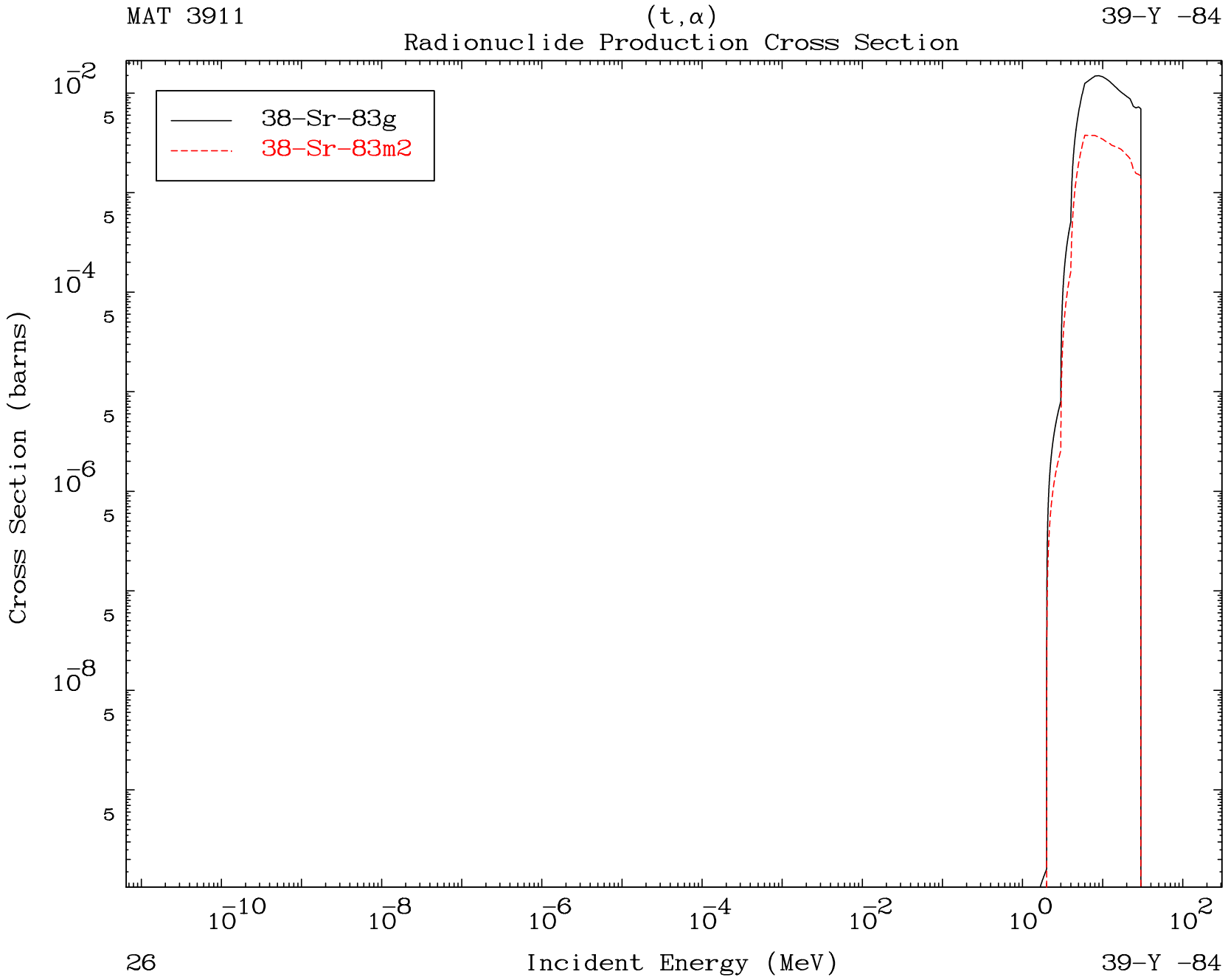

MAT 3911
(t,n') p α
39-Y -84
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
21
Incident Energy (MeV)
39-Y -84

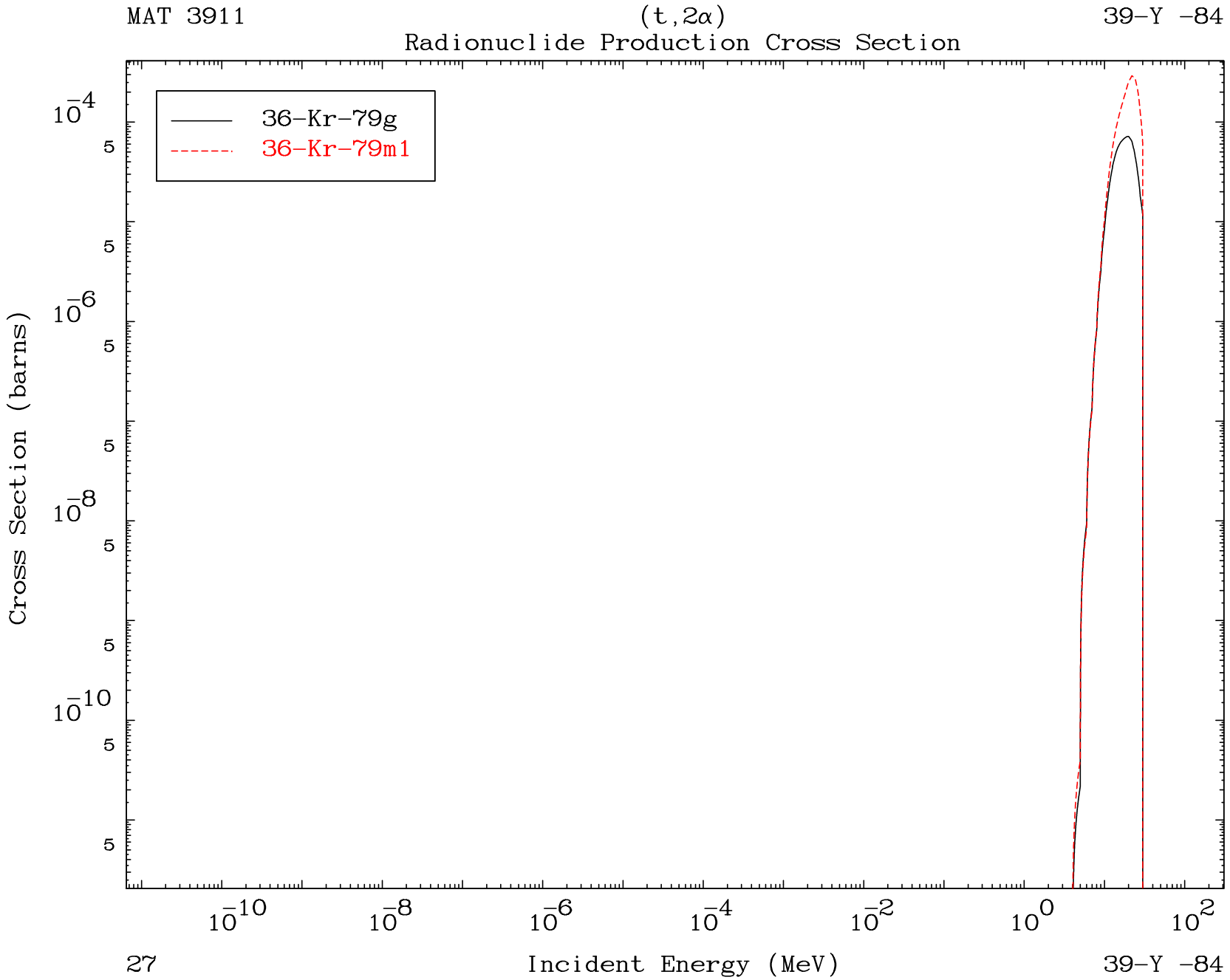

MAT 3911
(t,γ)
39-Y -84
Radionuclide Production Cross Section
40-Zr-87g
40-Zr-87m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
22
Incident Energy (MeV)
39-Y -84

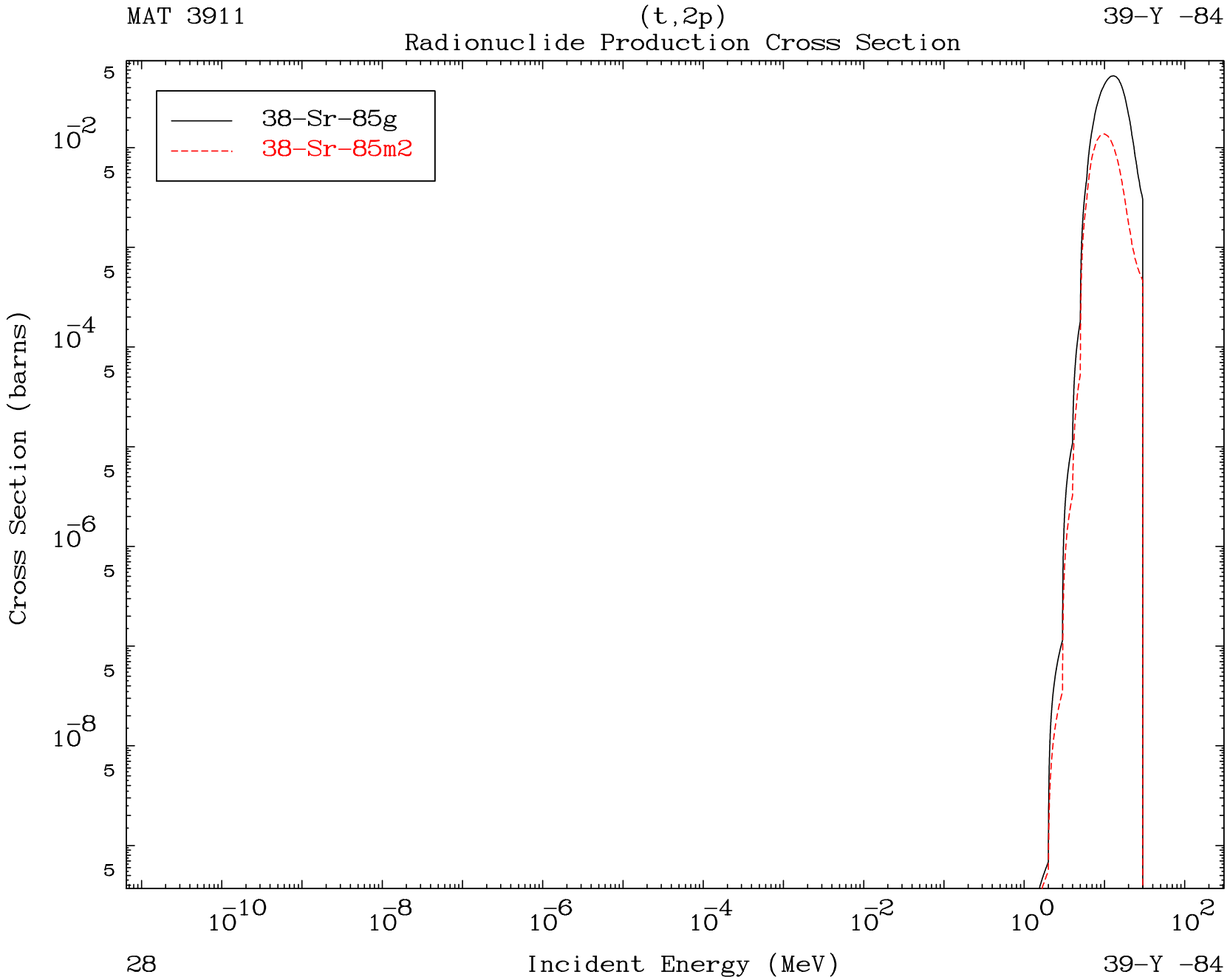

MAT 3911
(t,p)
39-Y -84
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
Incident Energy (MeV)
23
39-Y -84

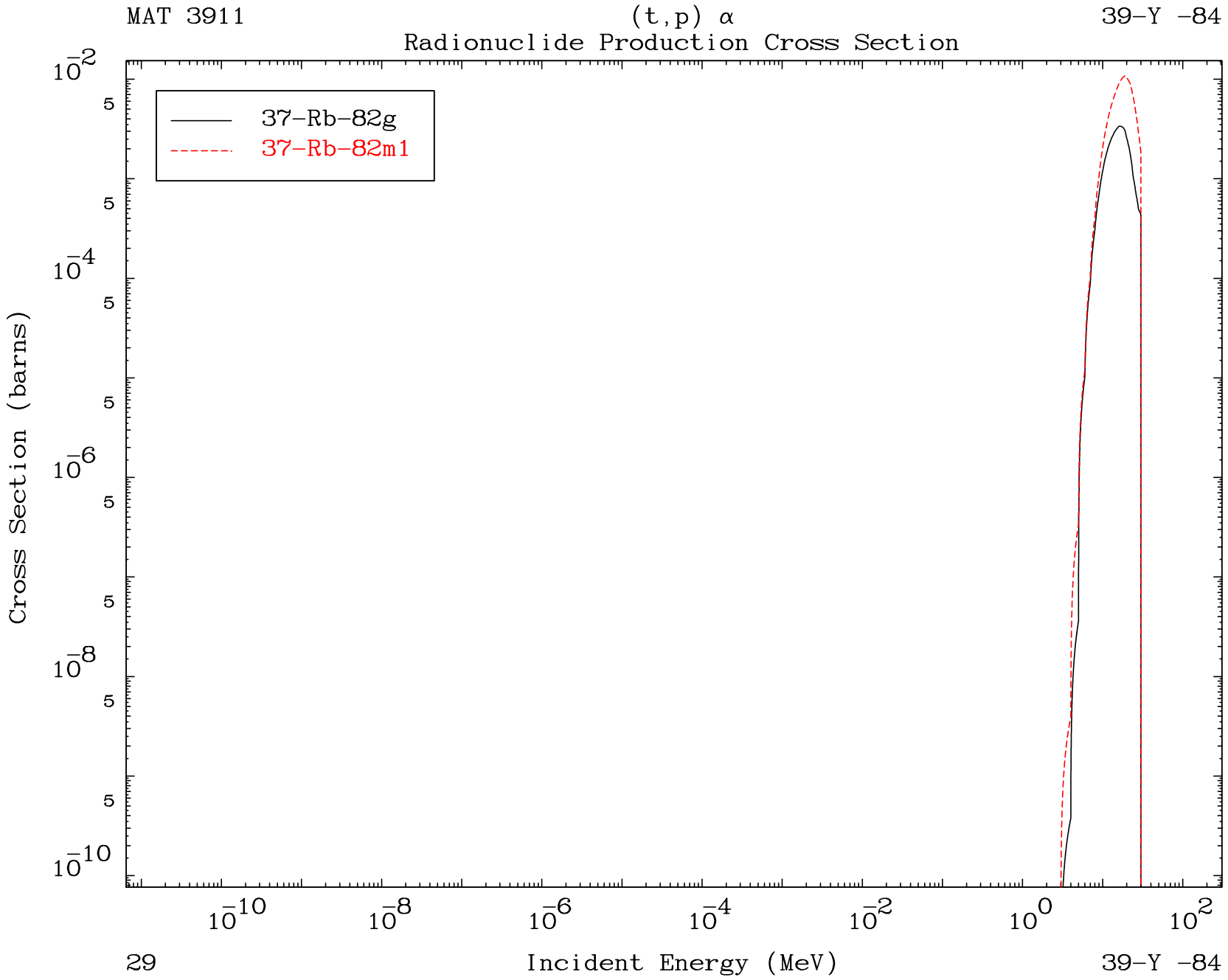

MAT 3911
(t,d)
39-Y -84
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
Incident Energy (MeV)
24
39-Y -84

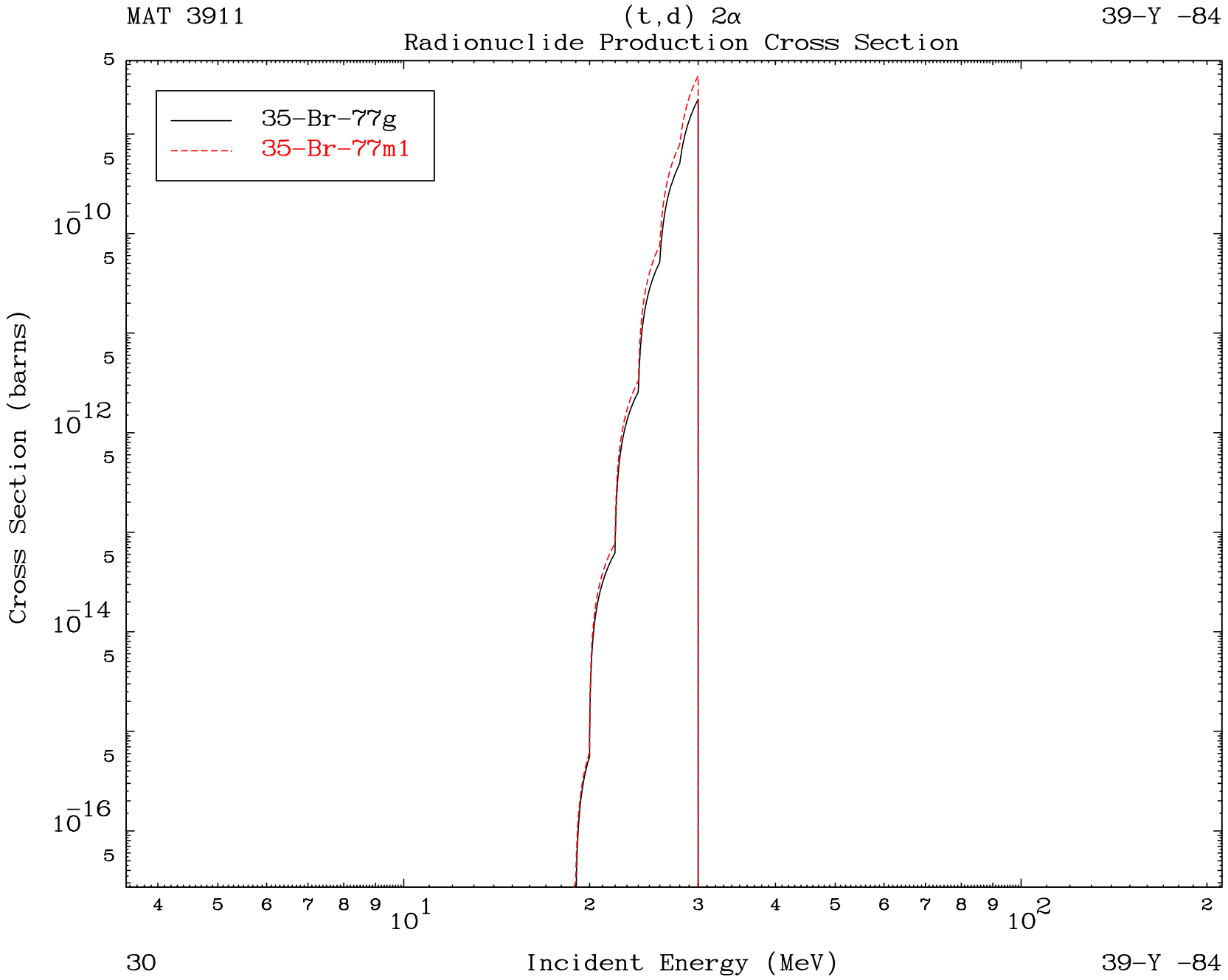

MAT 3911
(t,t)
39-Y -84
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
Incident Energy (MeV)
25
39-Y -84

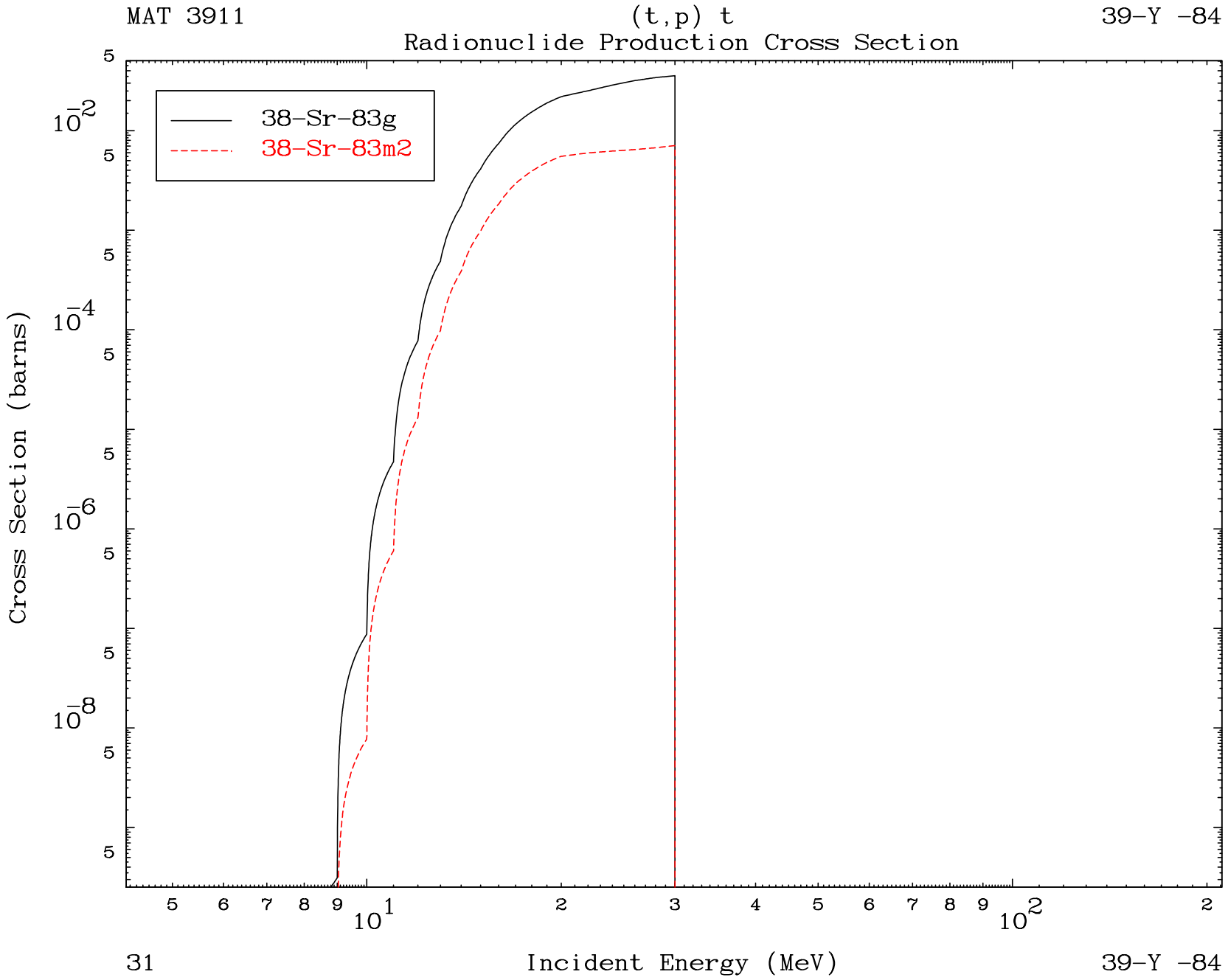

MAT 3911
(t,α)
39-Y -84
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
26
39-Y -84

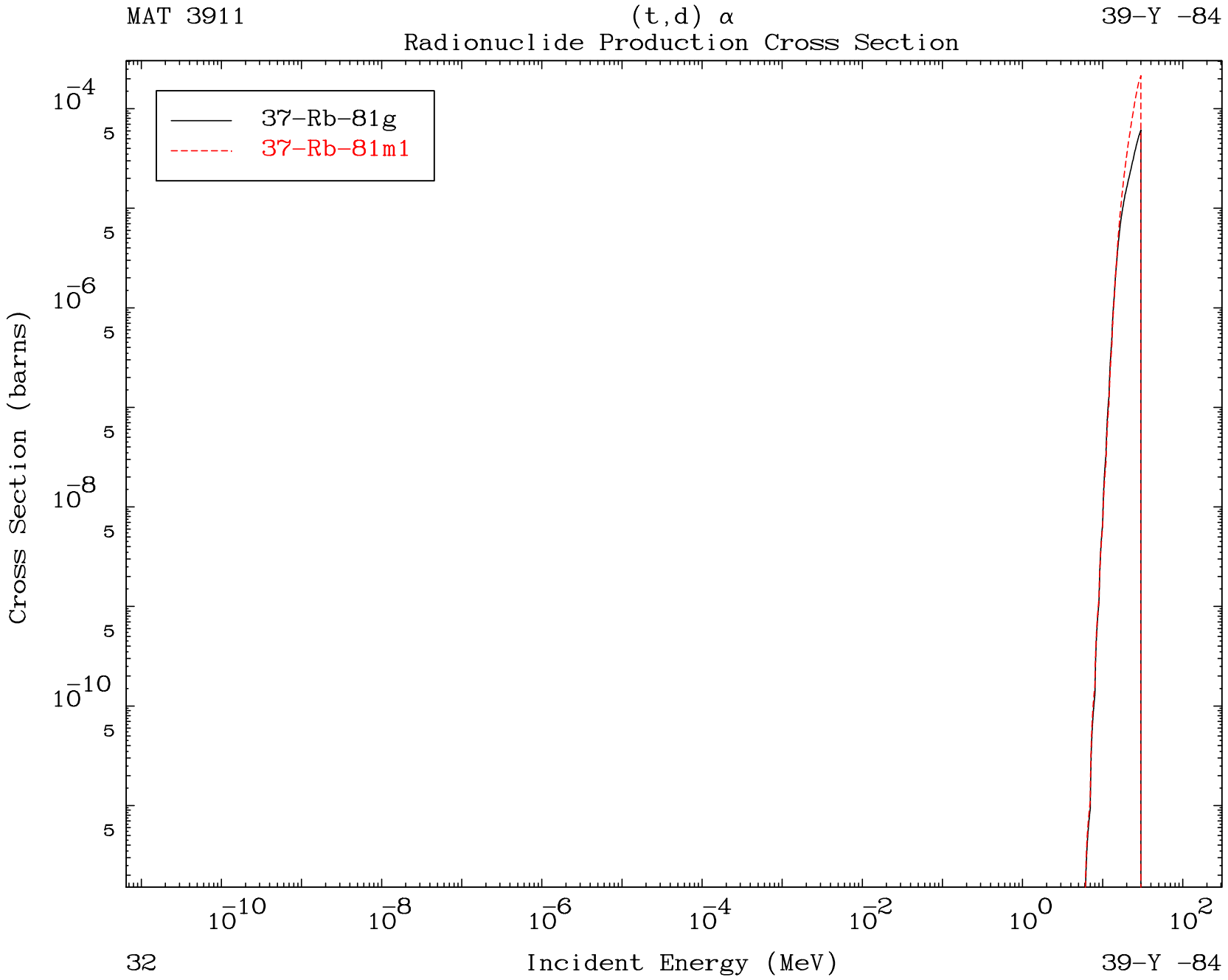

MAT 3911
(t,2α)
39-Y -84
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
27
39-Y -84


MAT 3911
(t,2p)
39-Y -84
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
Incident Energy (MeV)
28
39-Y -84


MAT 3911
(t,p) α
39-Y -84
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
Incident Energy (MeV)
29
39-Y -84


MAT 3911
(t,d) 2α
39-Y -84
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
Incident Energy (MeV)
30
39-Y -84


MAT 3911
(t,p) t
39-Y -84
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
31
39-Y -84


MAT 3911
(t,d) α
39-Y -84
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
32
39-Y -84