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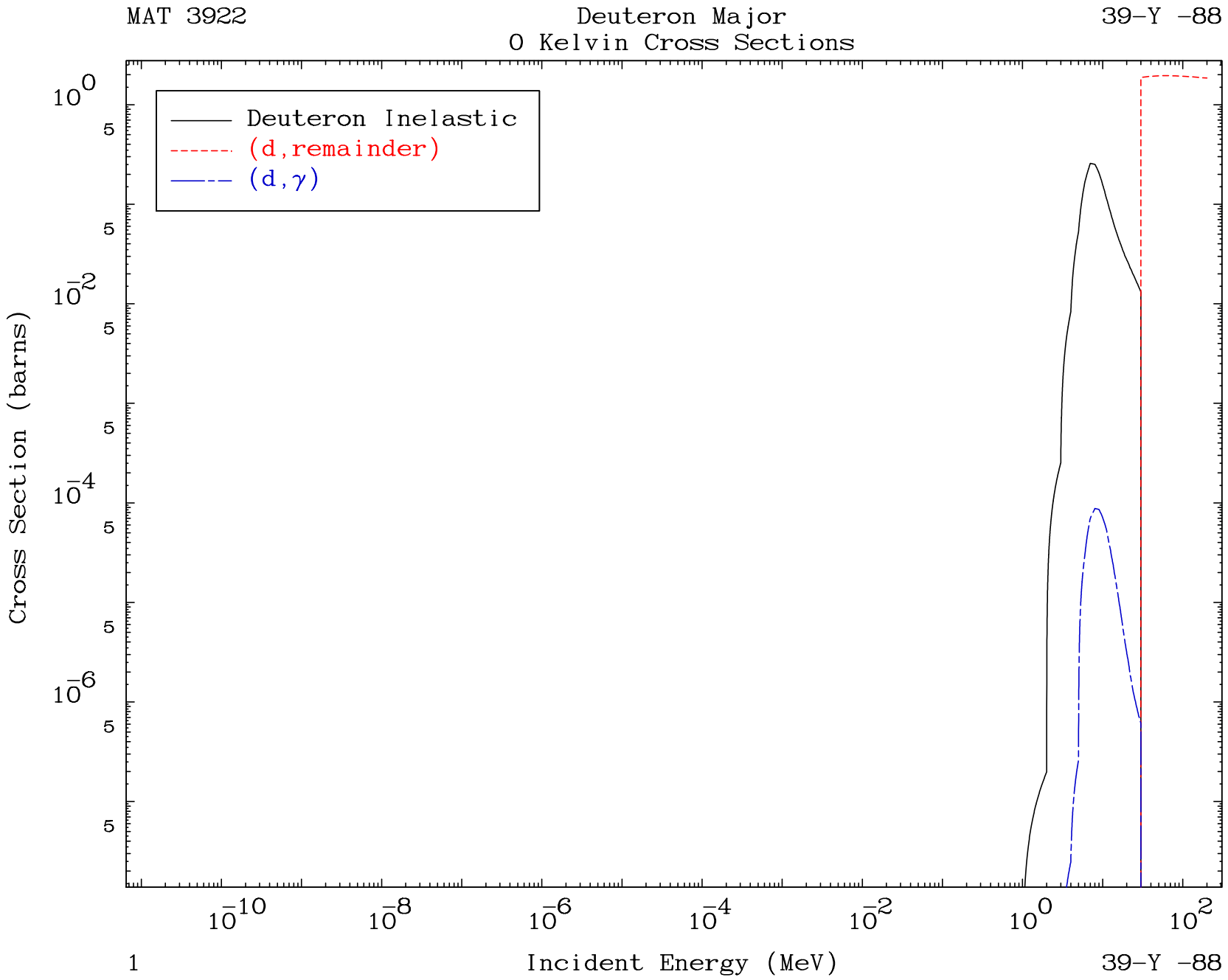
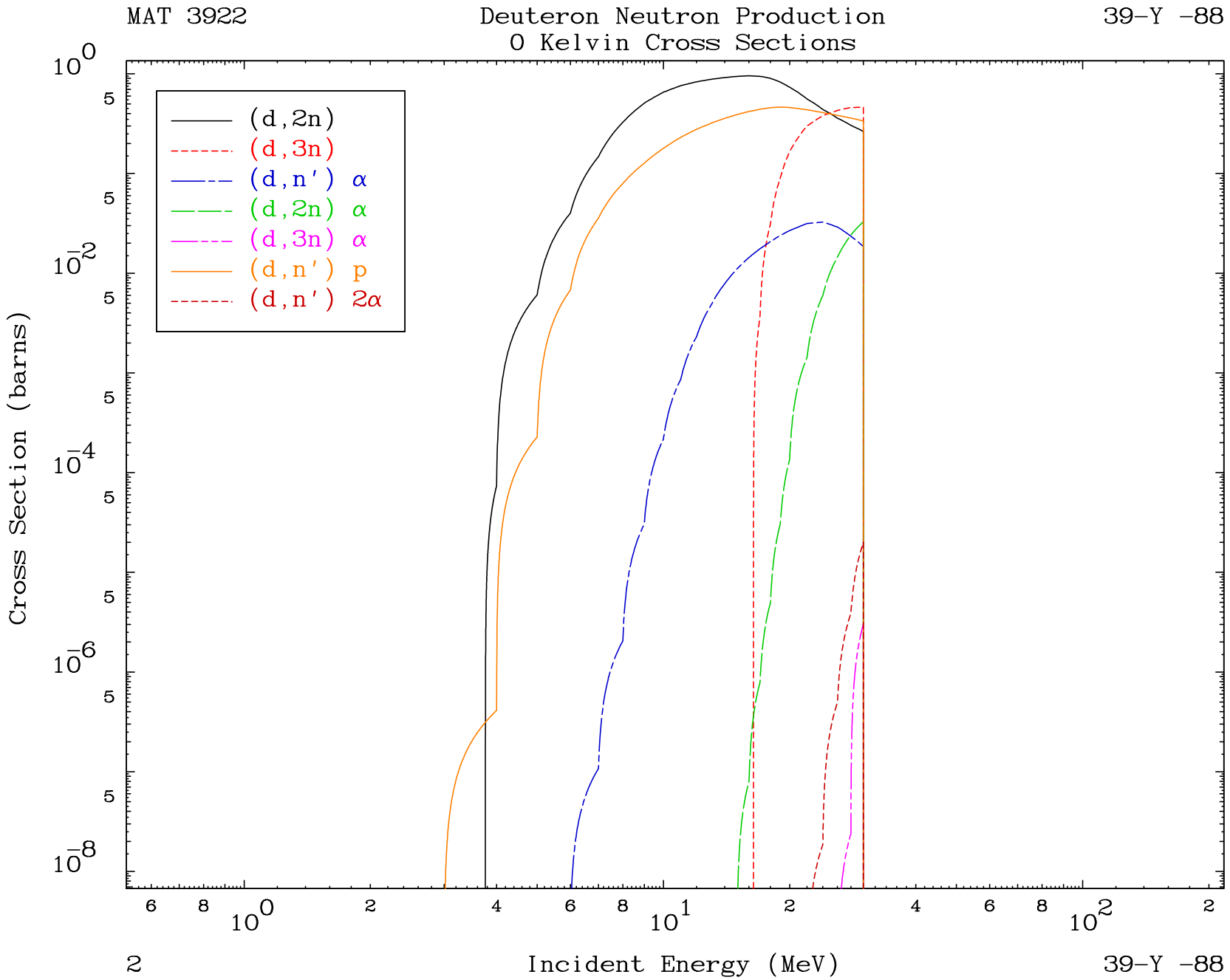
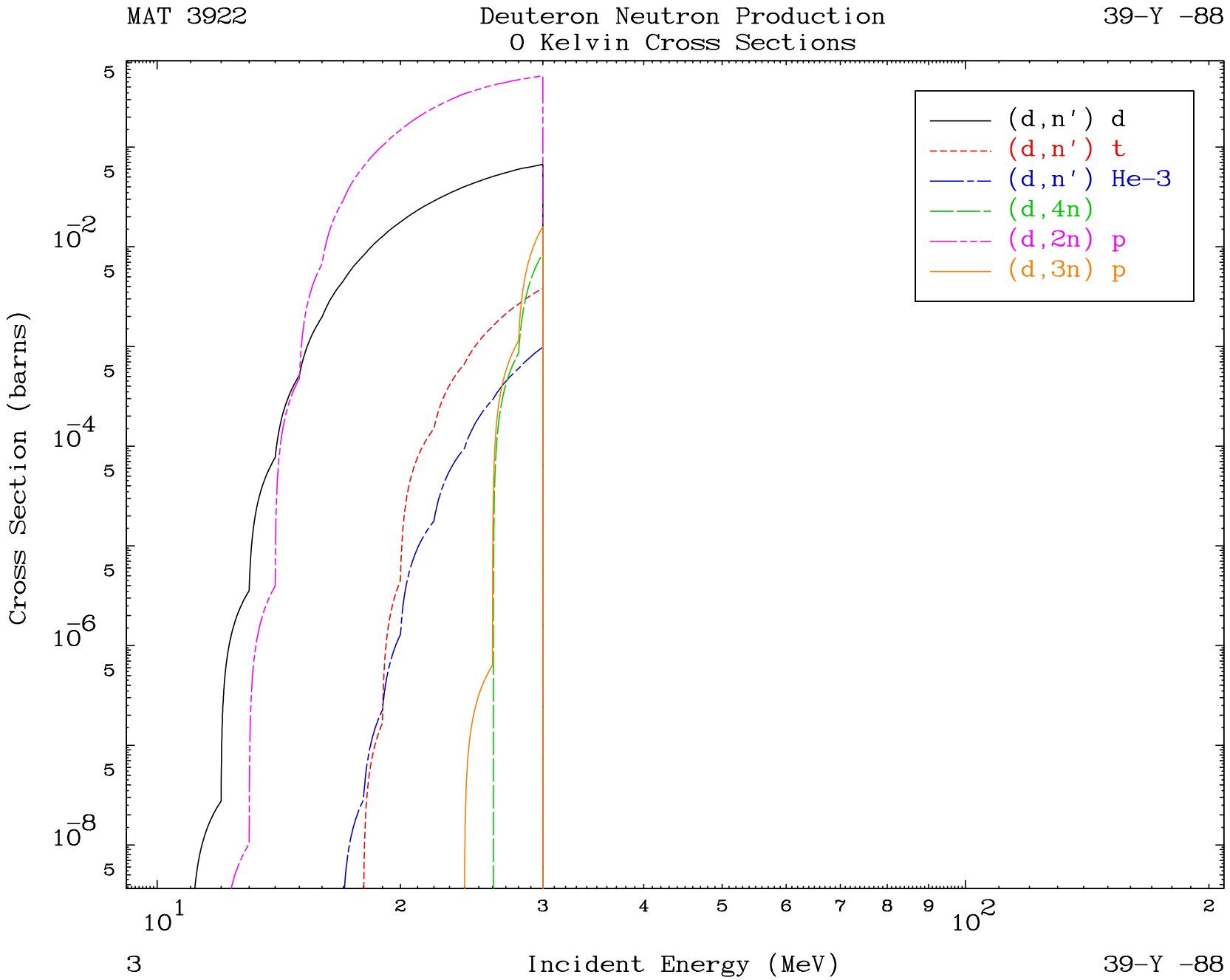
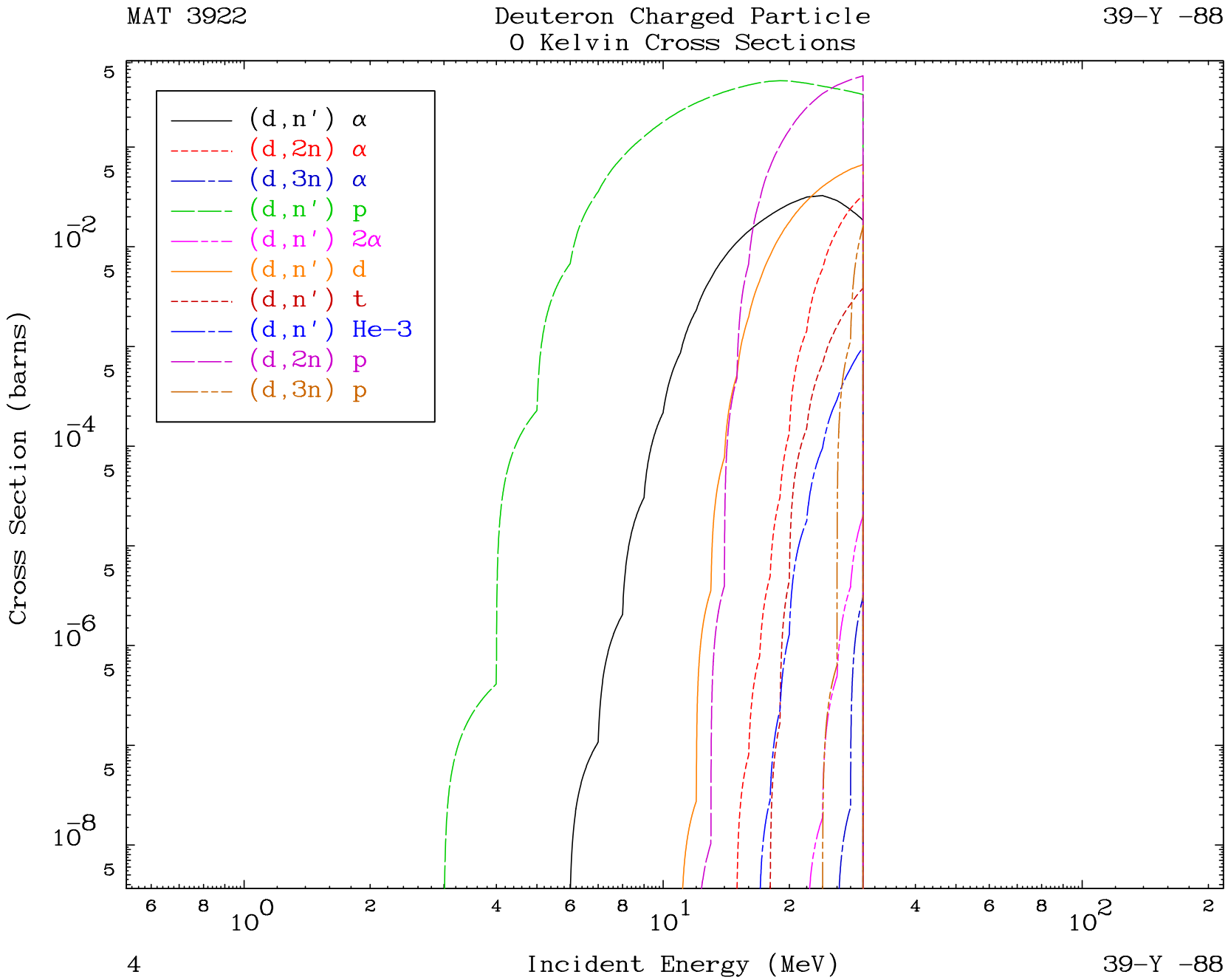
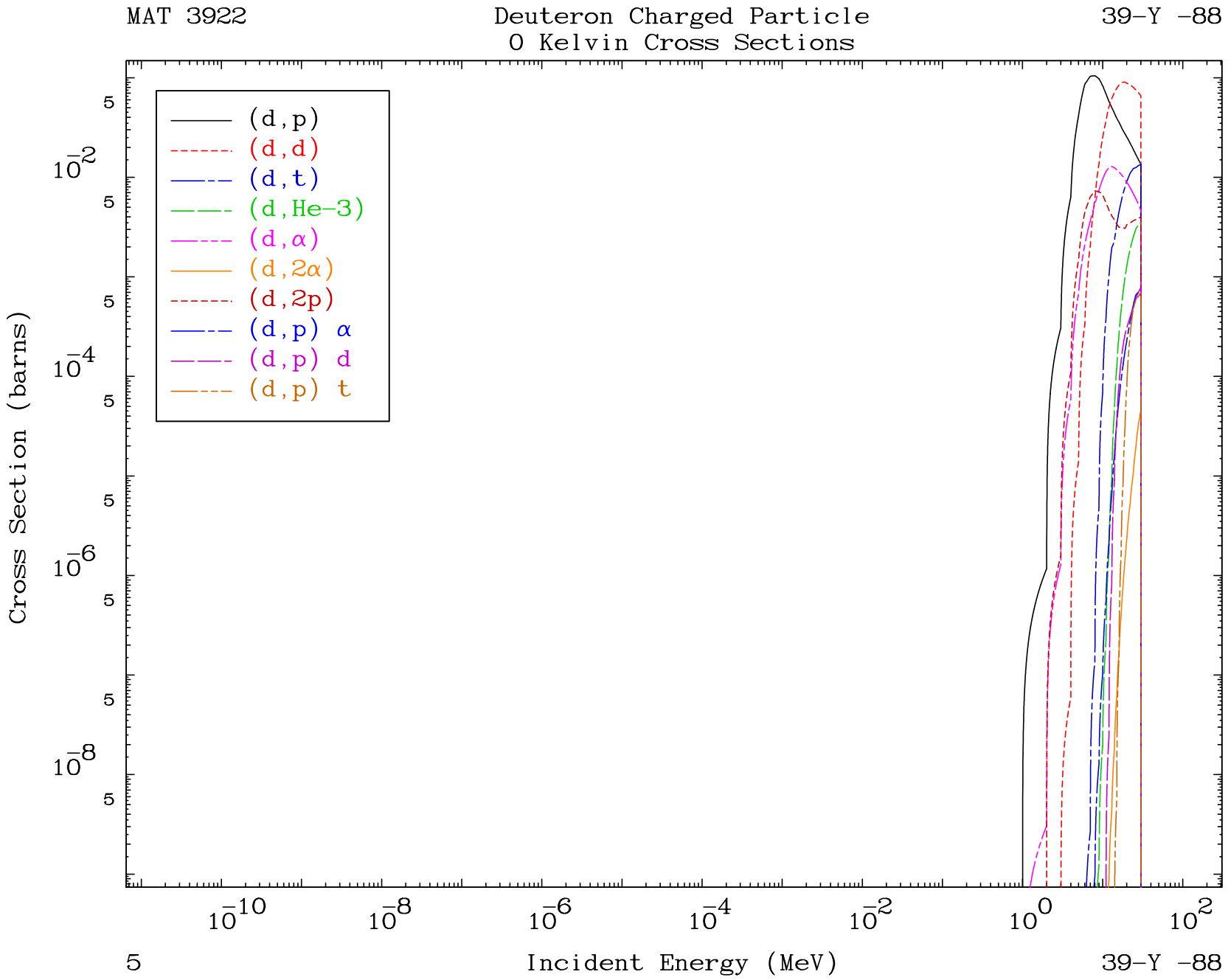
Press Mouse Button to Start

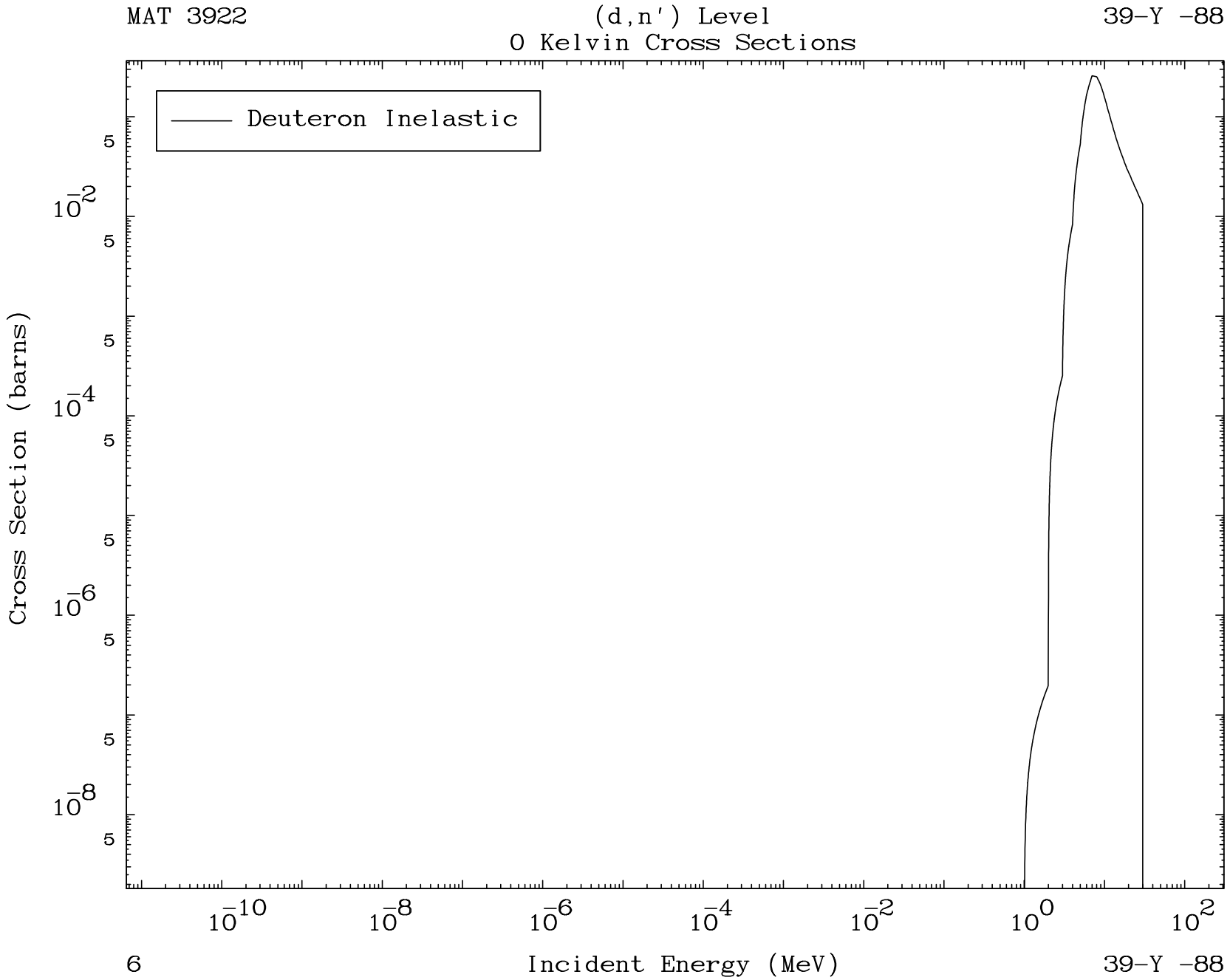

MAT 3922
Deuteron Major
39-Y -88
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
39-Y -88
1

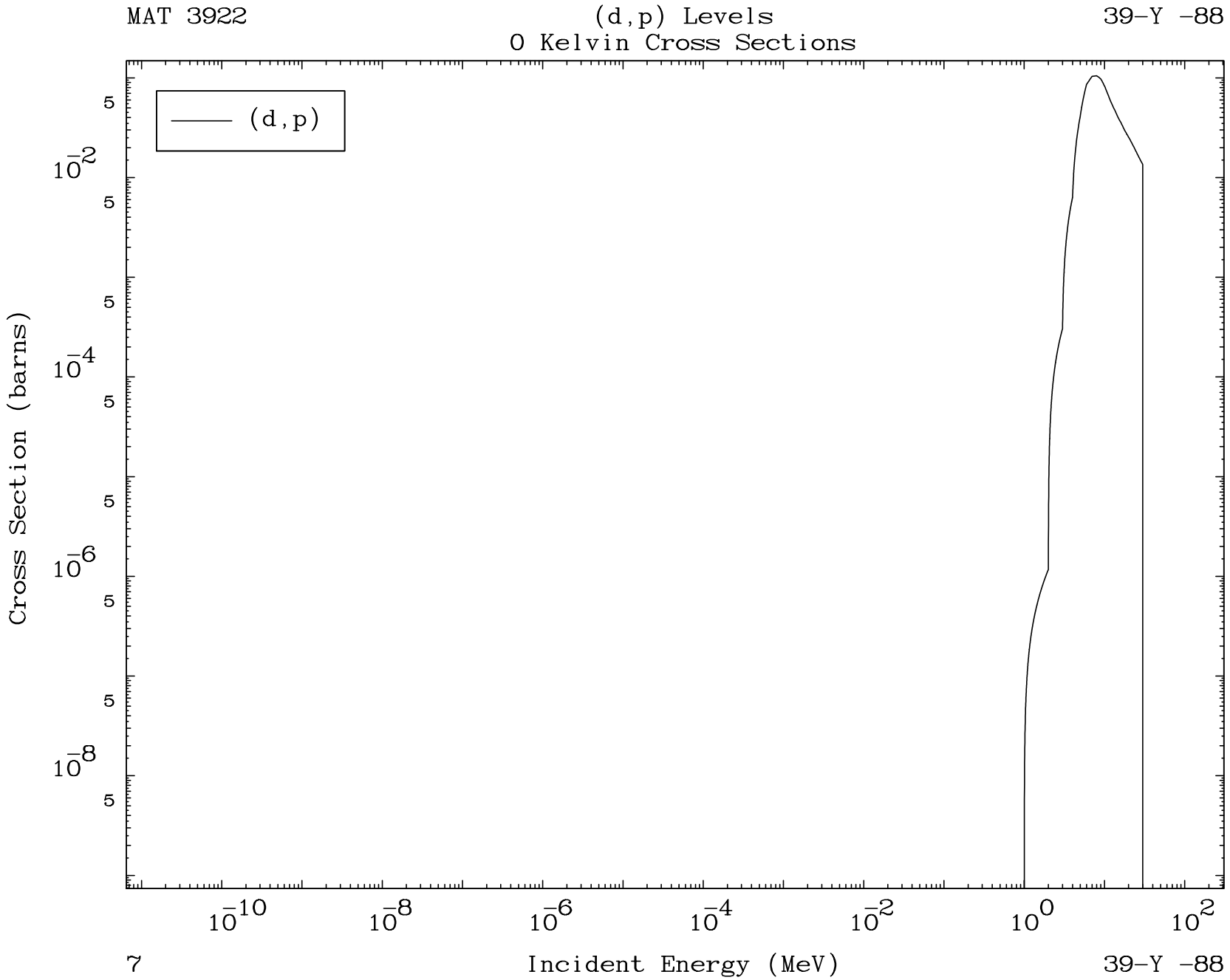

MAT 3922
Deuteron Neutron Production
0 Kelvin Cross Sections
39-Y -88
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
39-Y -88

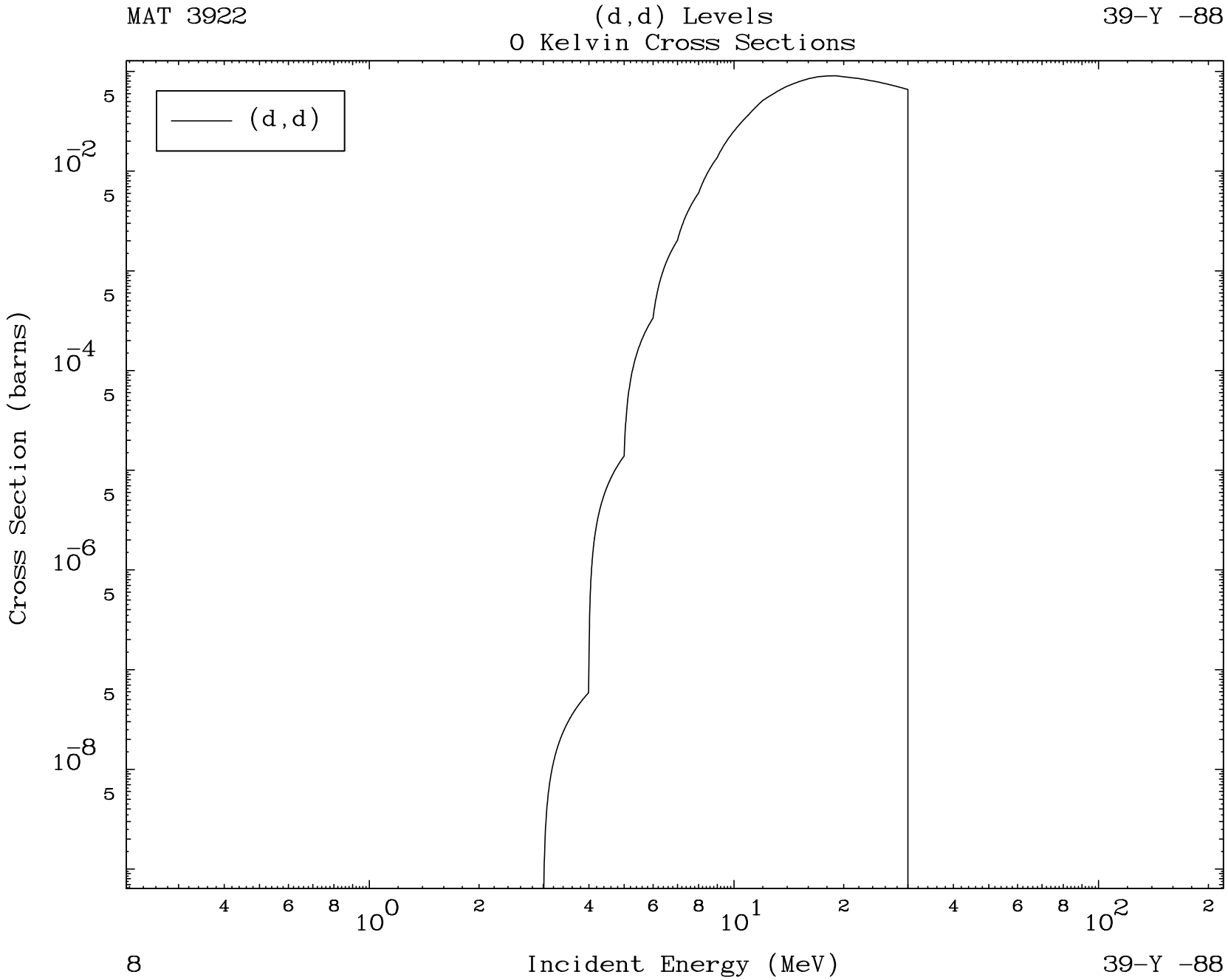

MAT 3922
Deuteron Neutron Production
0 Kelvin Cross Sections
39-Y -88
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
39-Y -88
3

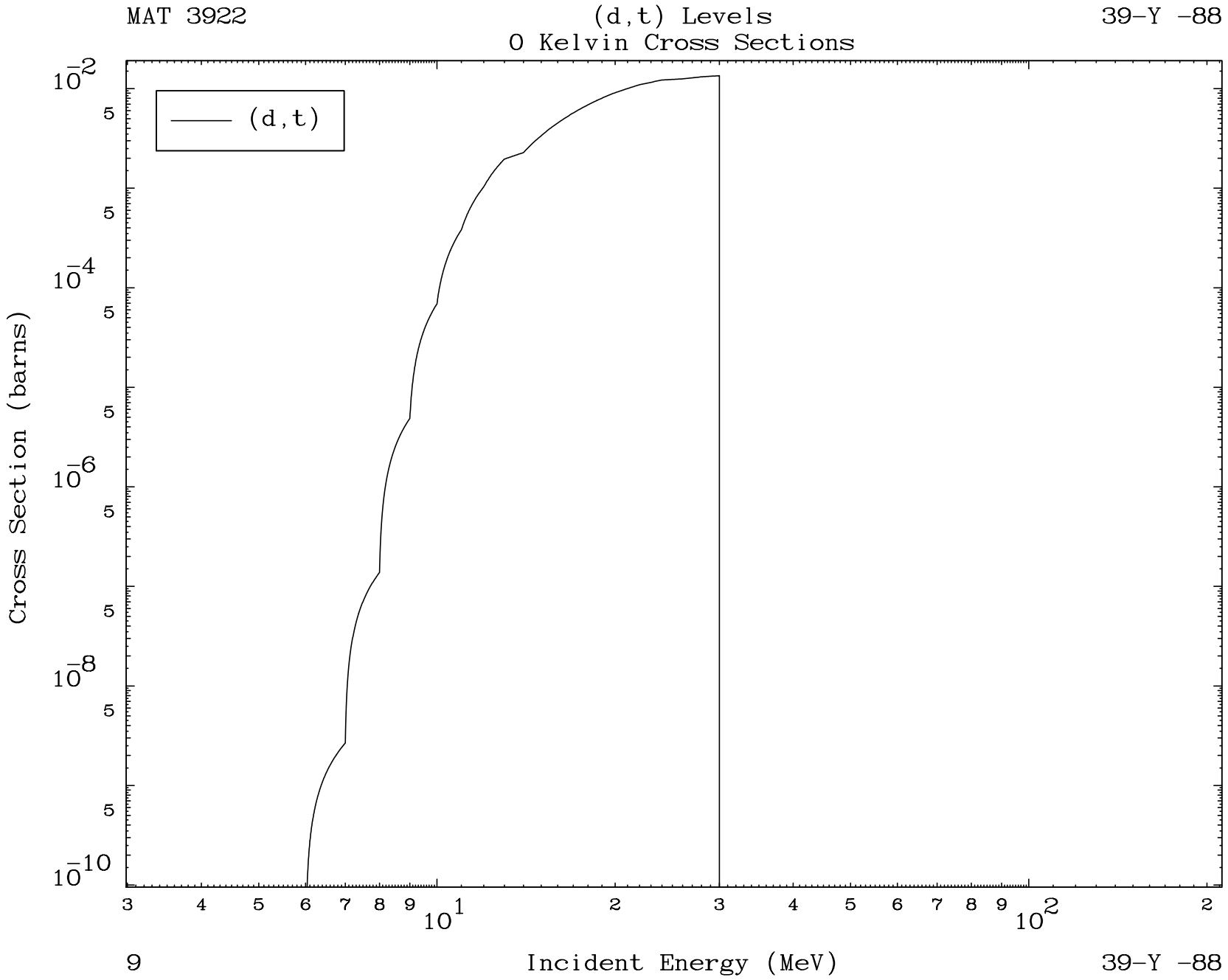

MAT 3922
Deuteron Charged Particle
0 Kelvin Cross Sections
39-Y -88
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
39-Y -88

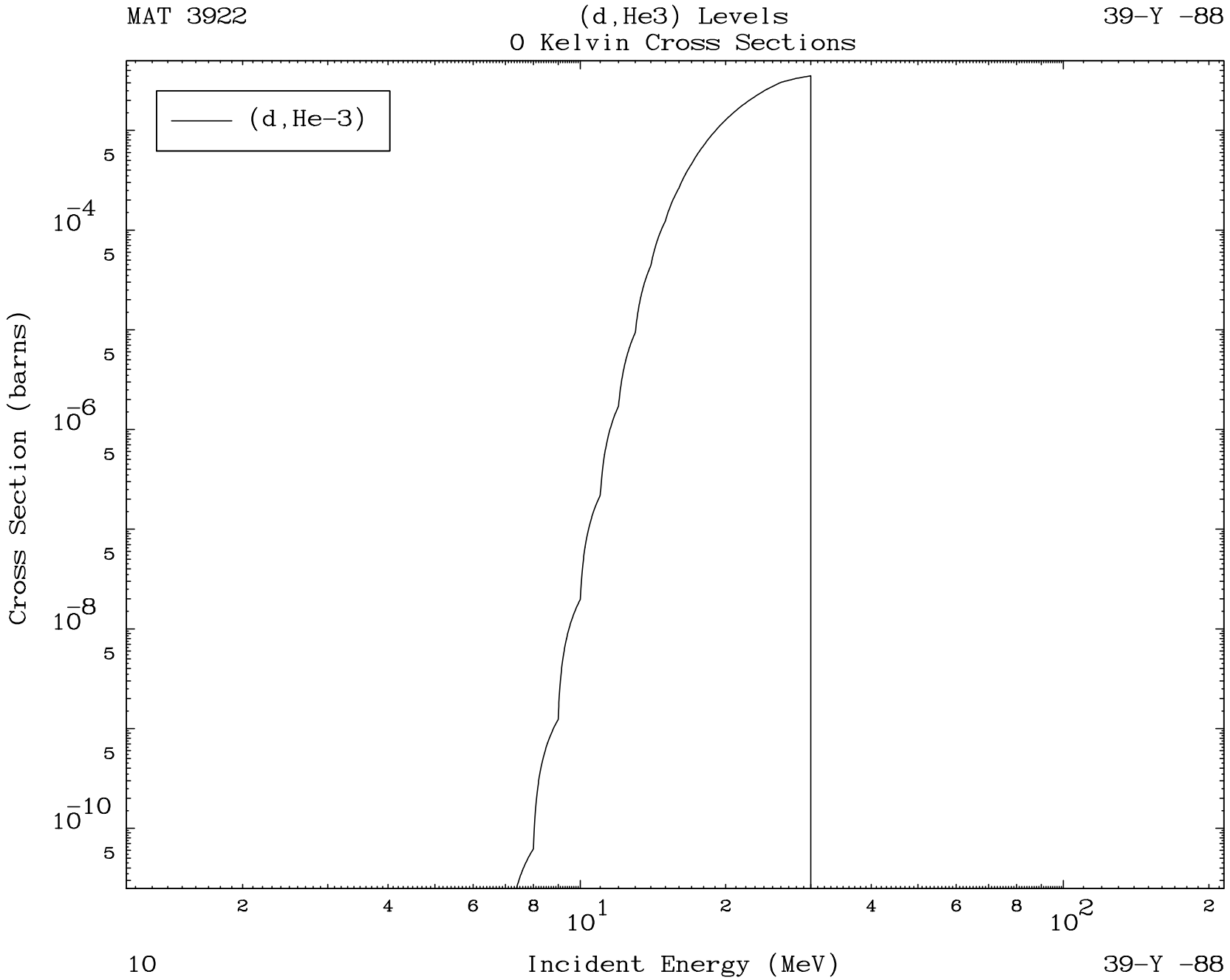

MAT 3922
Deuteron Charged Particle
0 Kelvin Cross Sections
39-Y -88
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
39-Y -88

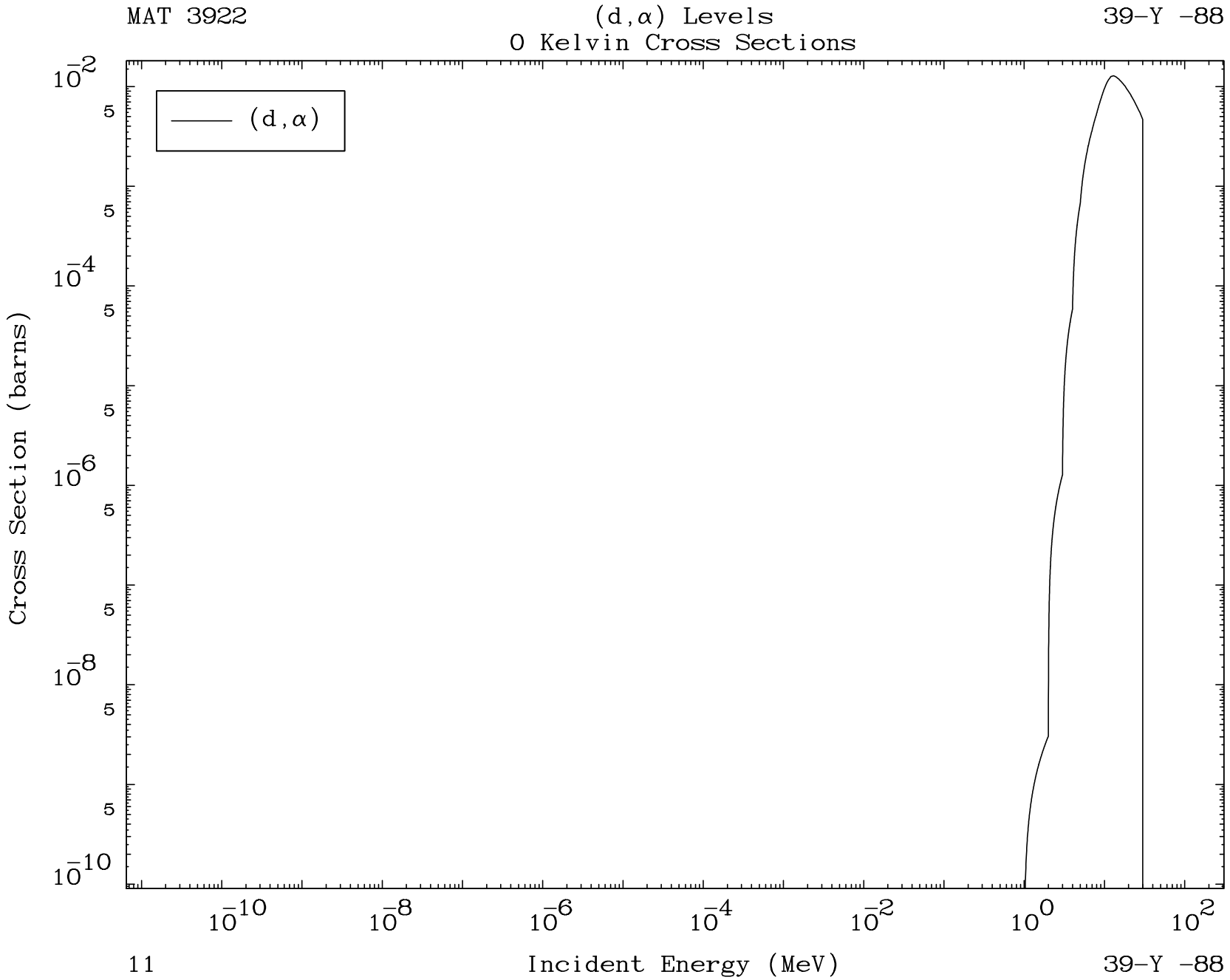

MAT 3922
(d,n') Level
39-Y -88
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
100
102
Incident Energy (MeV)
6
39-Y -88

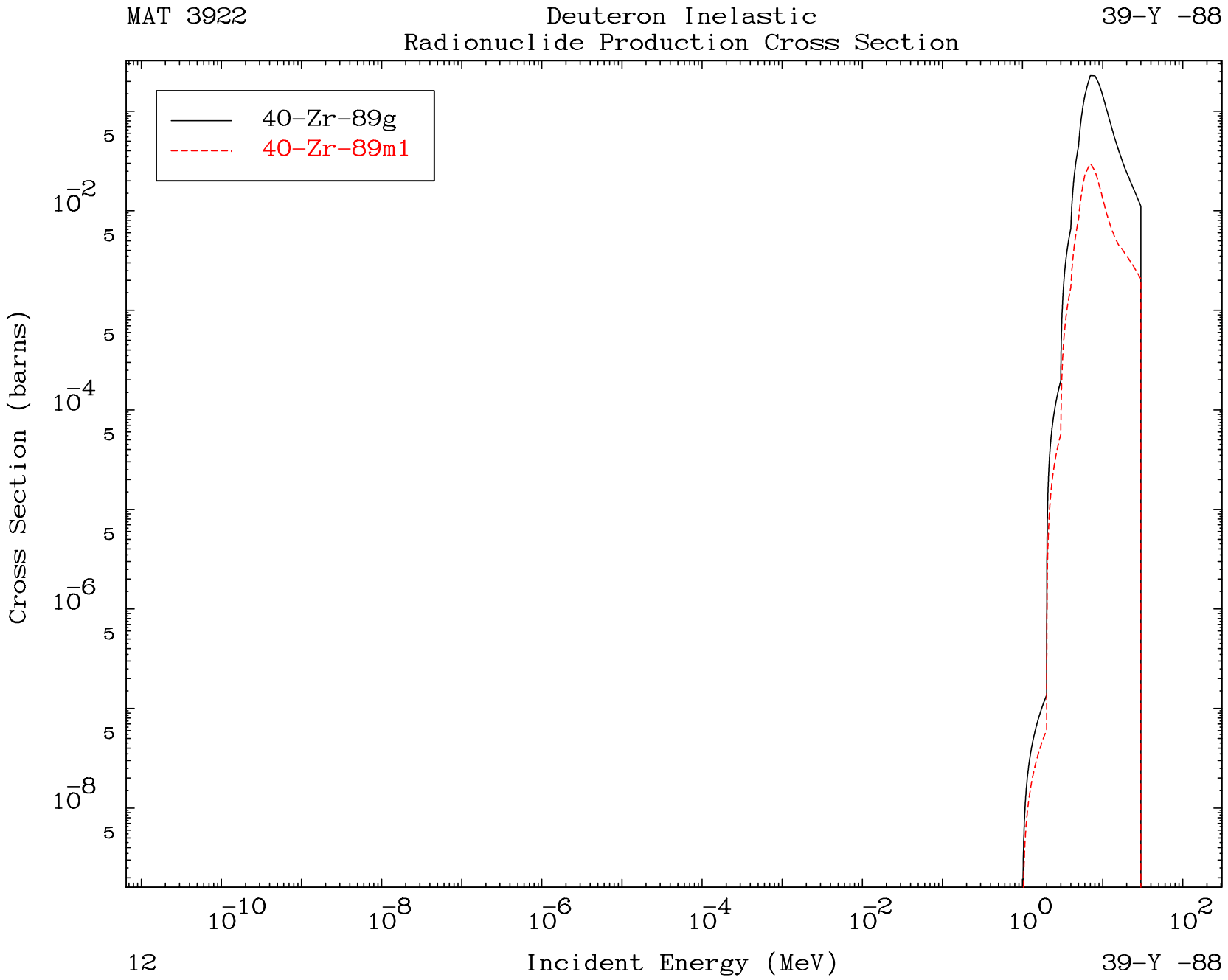

MAT 3922
(d,p) Levels
39-Y -88
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
39-Y -88

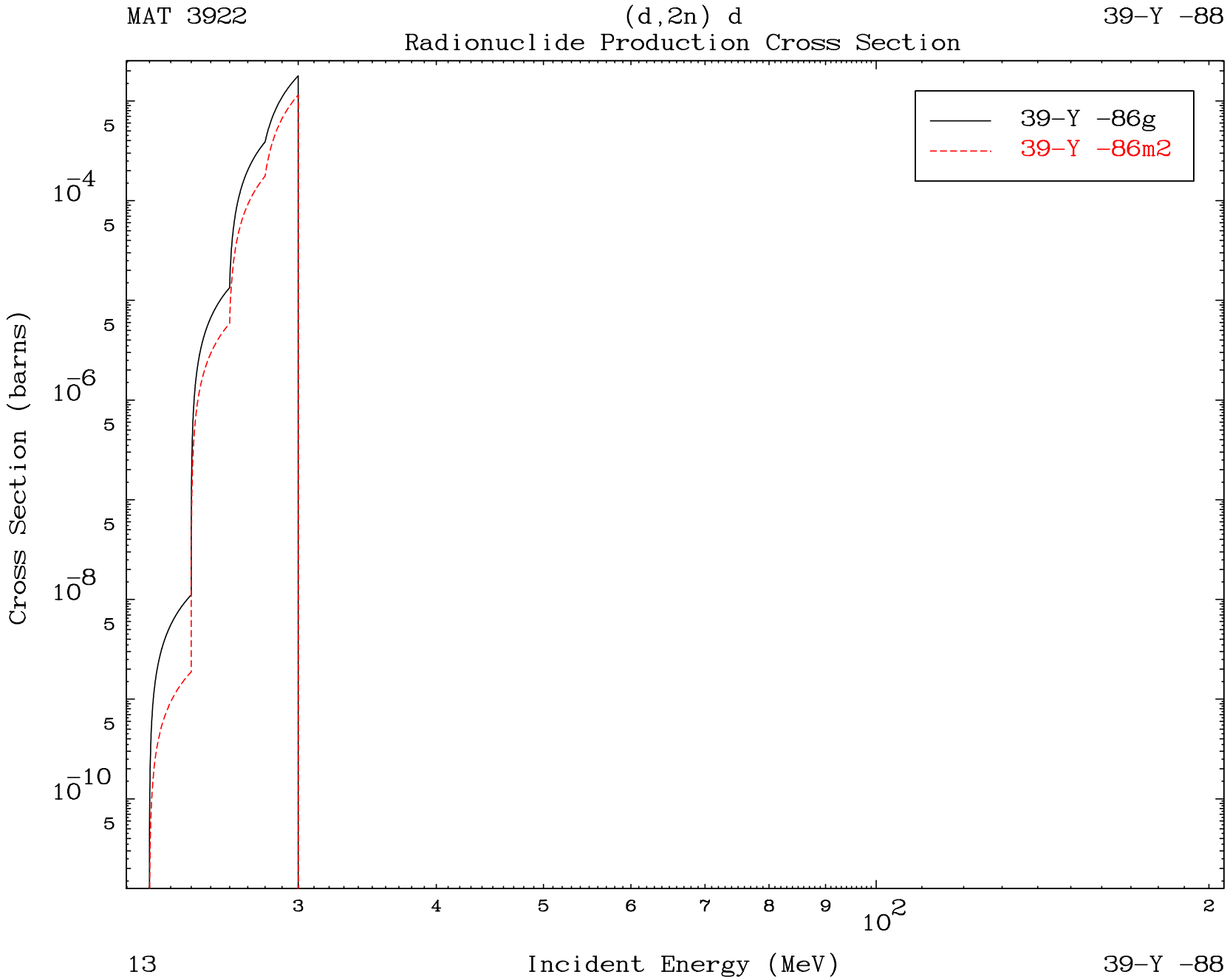

MAT 3922
(d,d) Levels
39-Y -88
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
39-Y -88

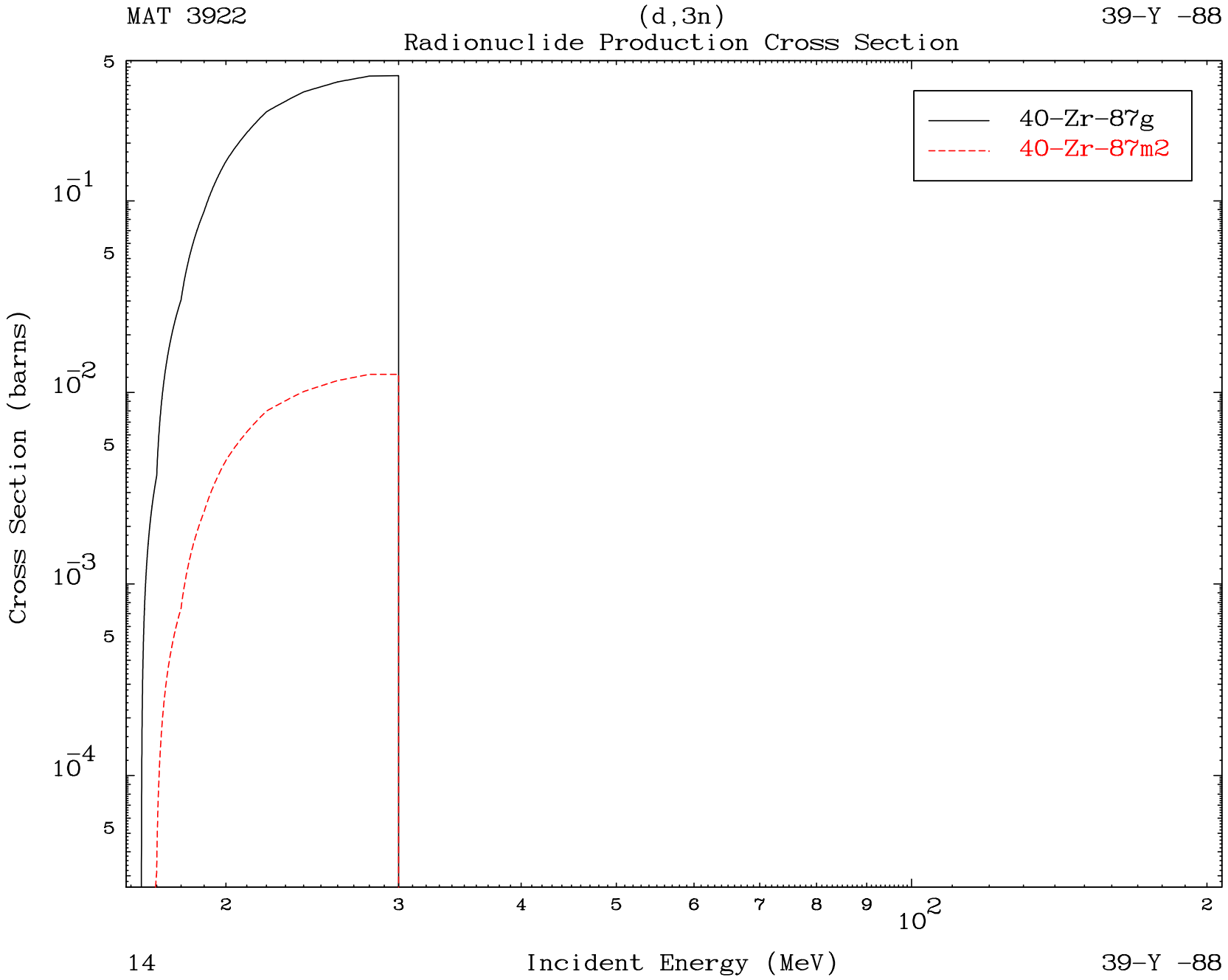

MAT 3922
(d,t) Levels
39-Y -88
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
39-Y -88

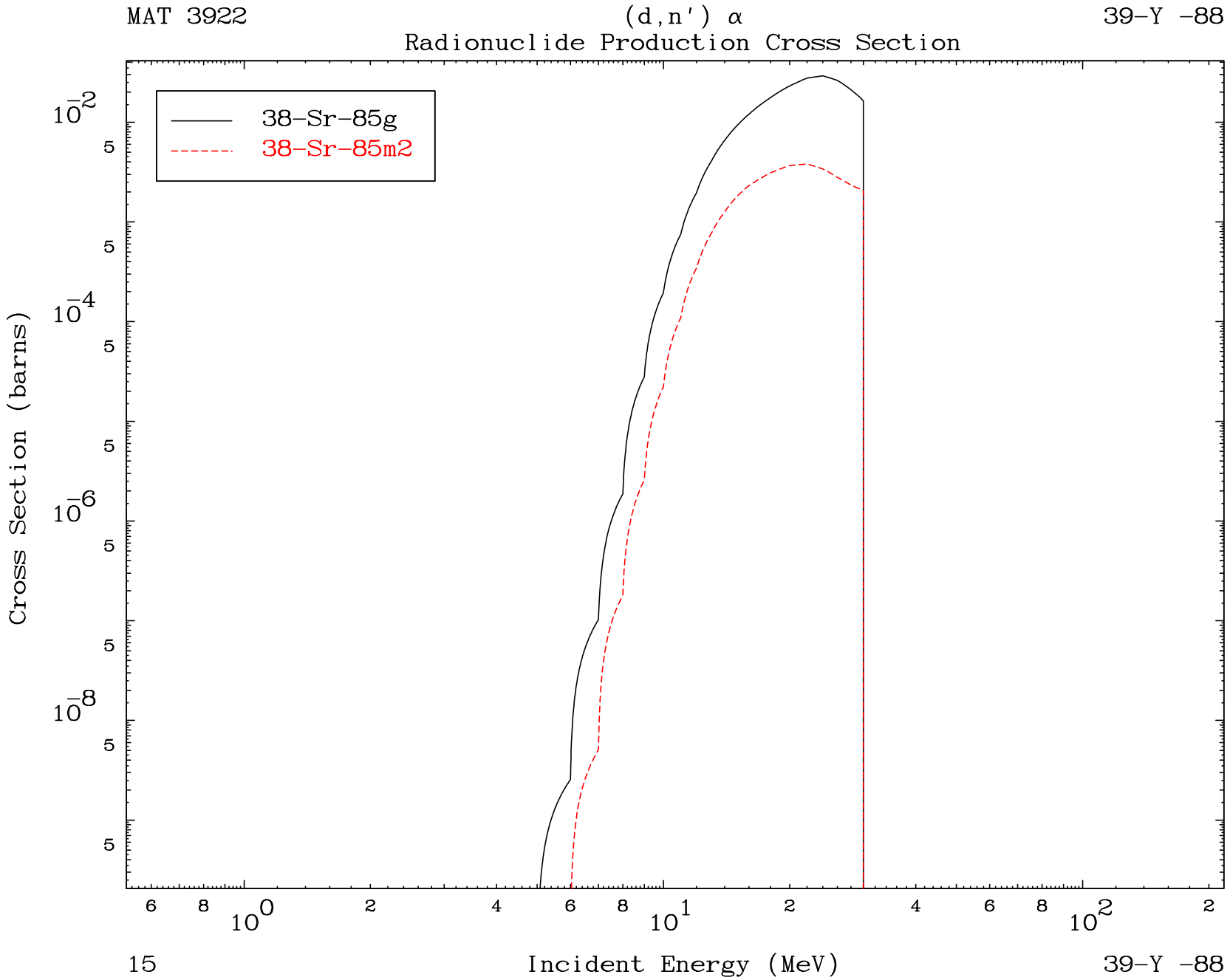

MAT 3922
(d,He3) Levels
39-Y -88
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
4
6
8
10^1
10^2
10
Incident Energy (MeV)
39-Y -88

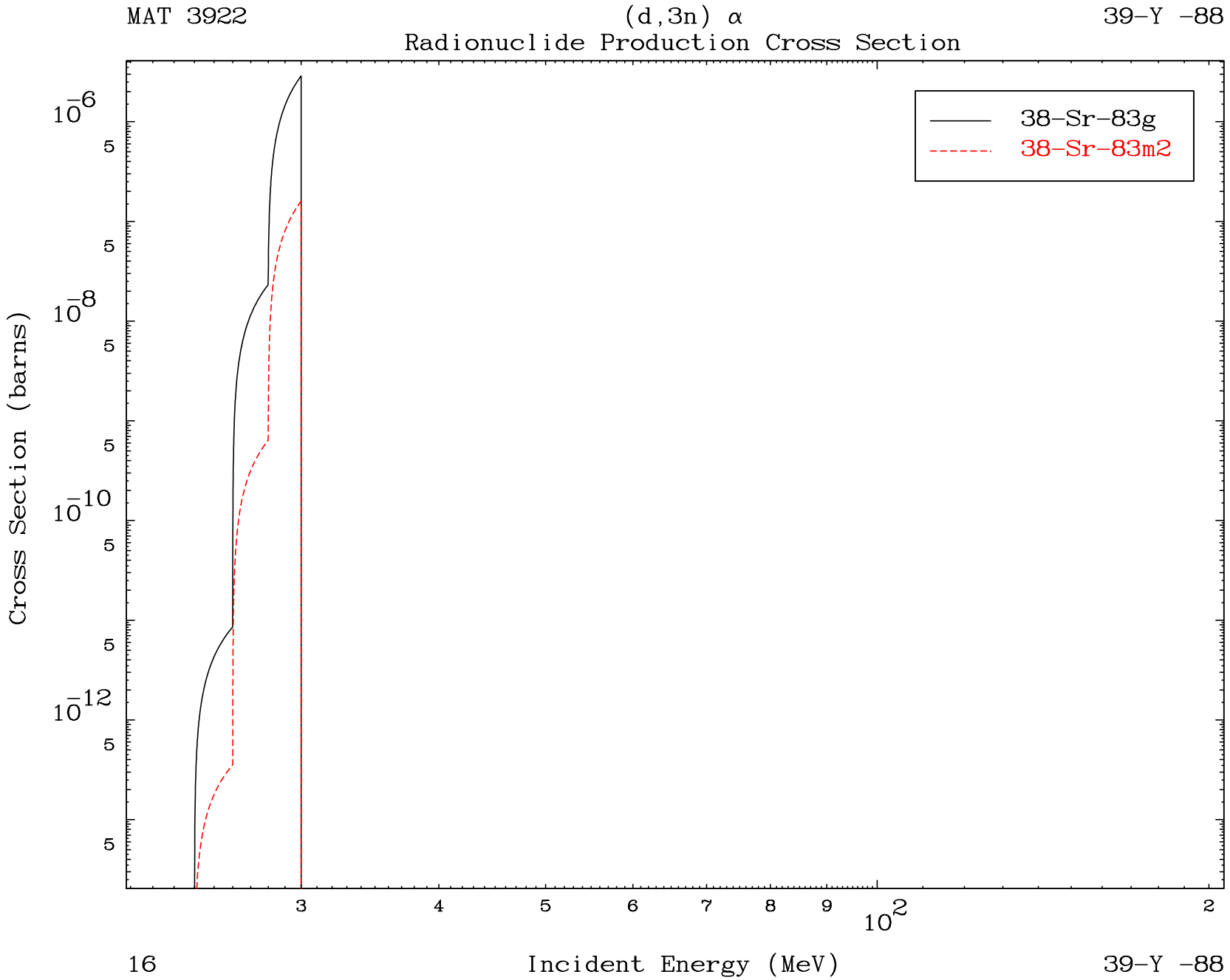

MAT 3922
(d,α) Levels
39-Y -88
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
11
39-Y -88

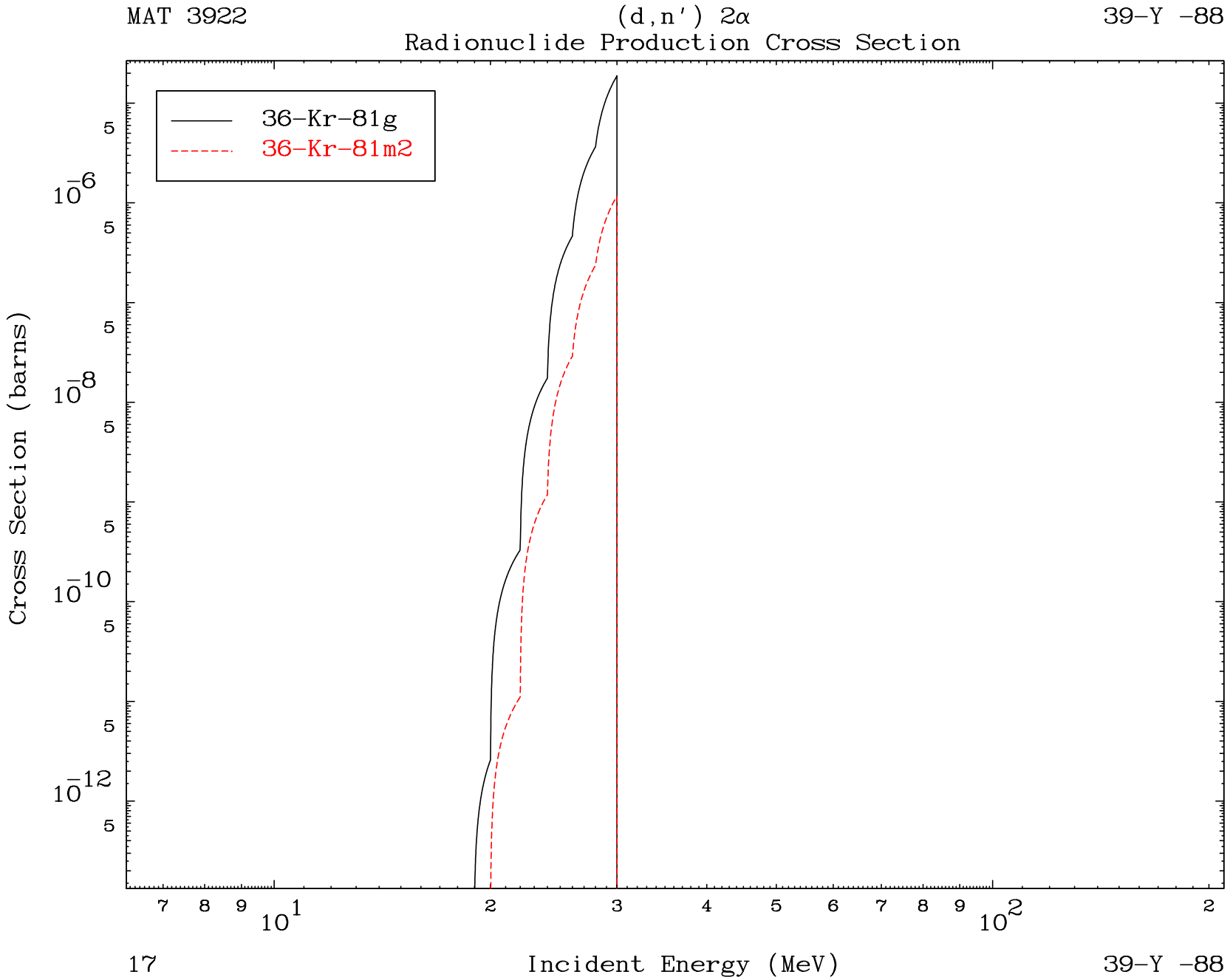

MAT 3922
Deuteron Inelastic
39-Y -88
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
12
39-Y -88

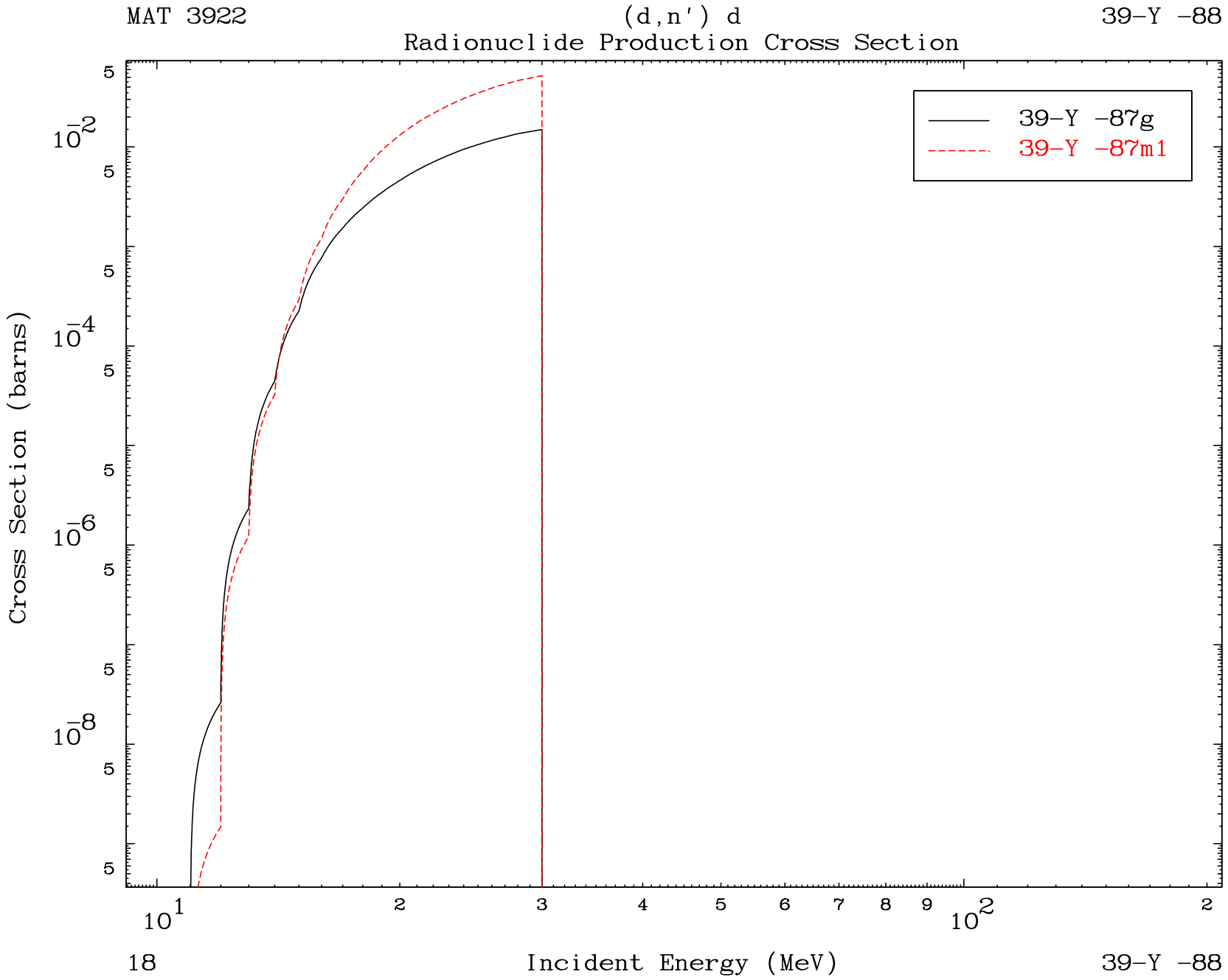

MAT 3922
(d,2n) d
39-Y -88
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
13
39-Y -88

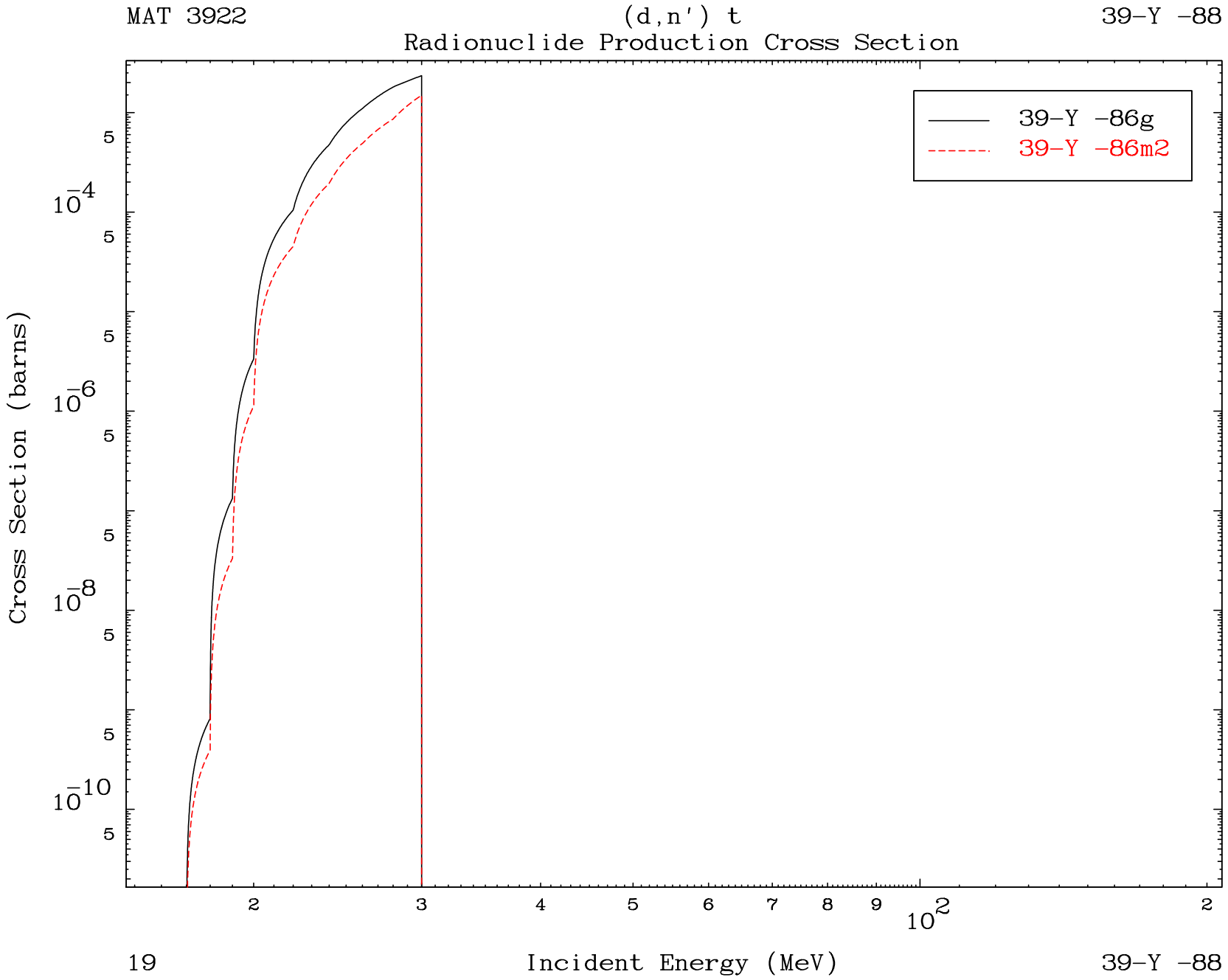

MAT 3922
(d,3n)
39-Y -88
Radionuclide Production Cross Section
40-Zr-87g
40-Zr-87m2
Cross Section (barns)
Incident Energy (MeV)
14
39-Y -88

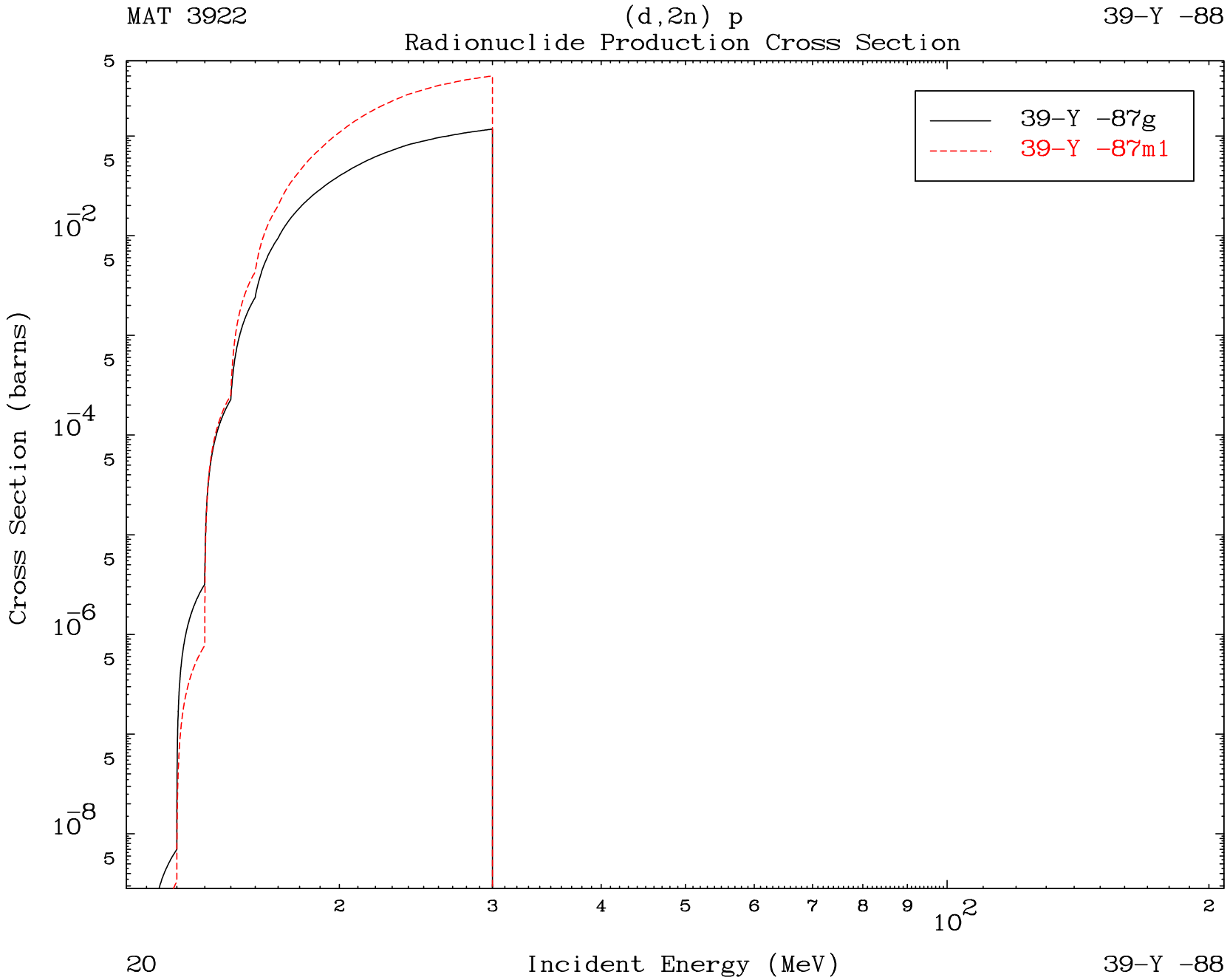

MAT 3922
(d,n') α
39-Y -88
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
Incident Energy (MeV)
15
39-Y -88

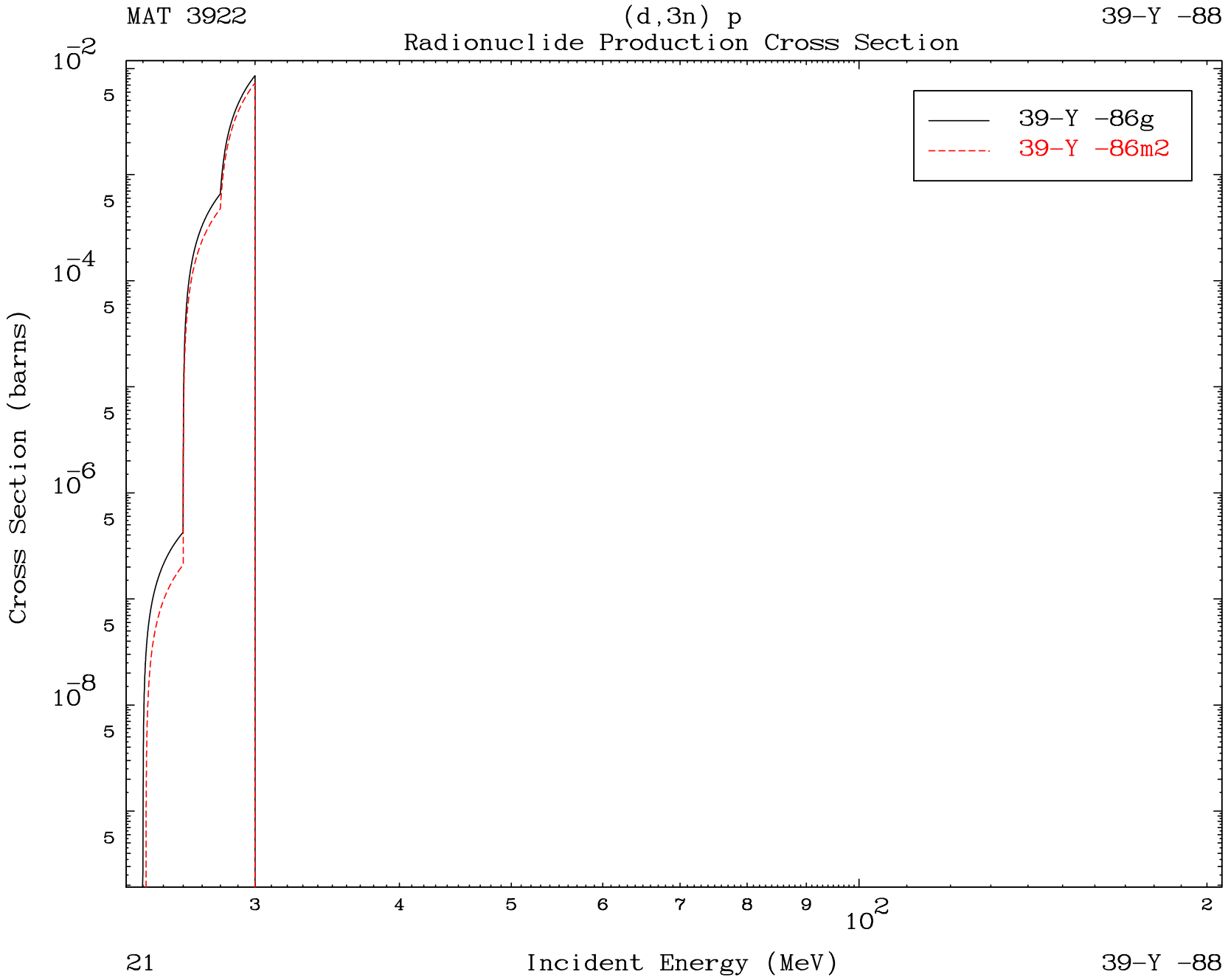

MAT 3922
(d,3n) α
39-Y -88
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
39-Y -88

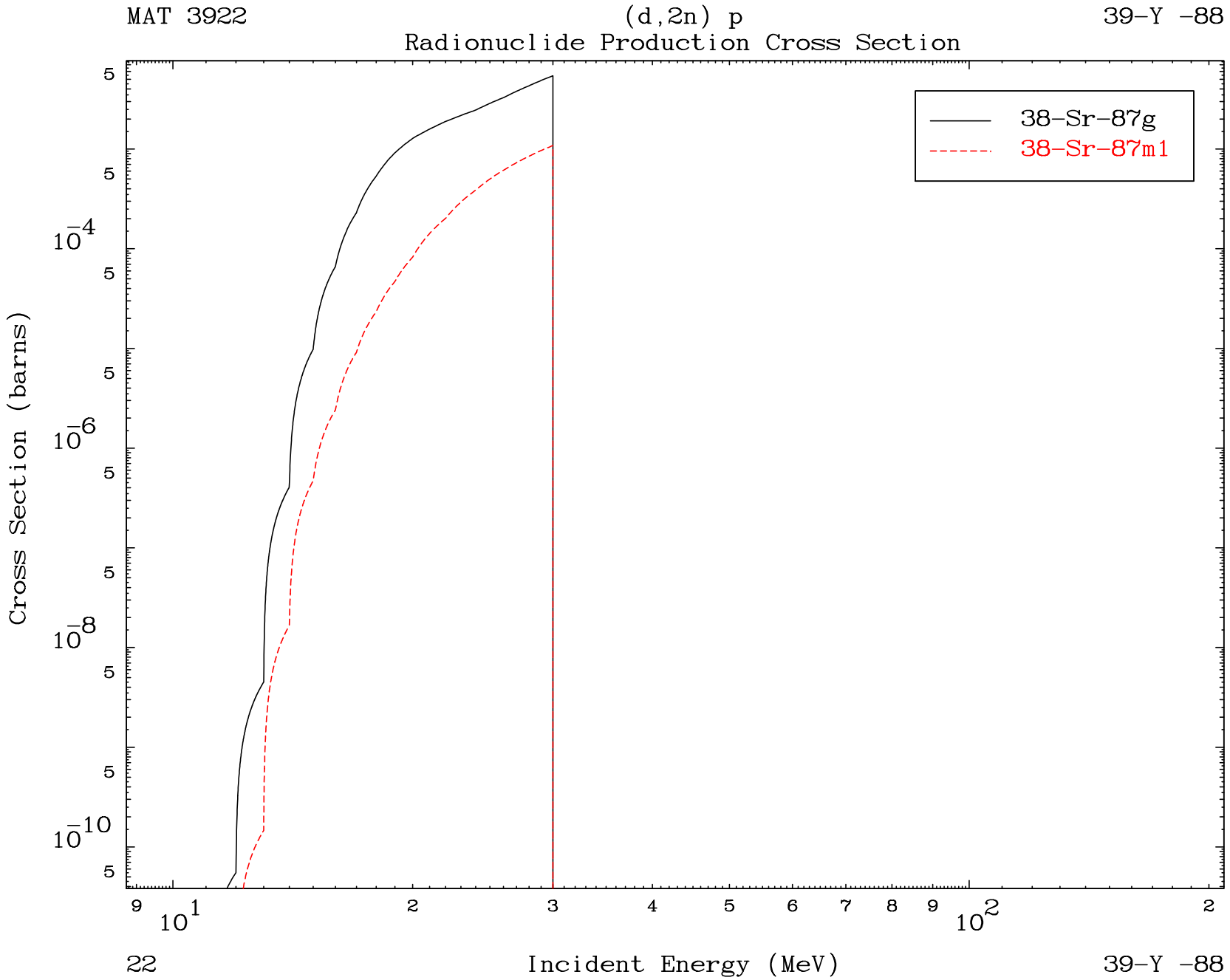

MAT 3922
(d,n') 2α
39-Y -88
Radionuclide Production Cross Section
36-Kr-81g
36-Kr-81m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
17
Incident Energy (MeV)
39-Y -88

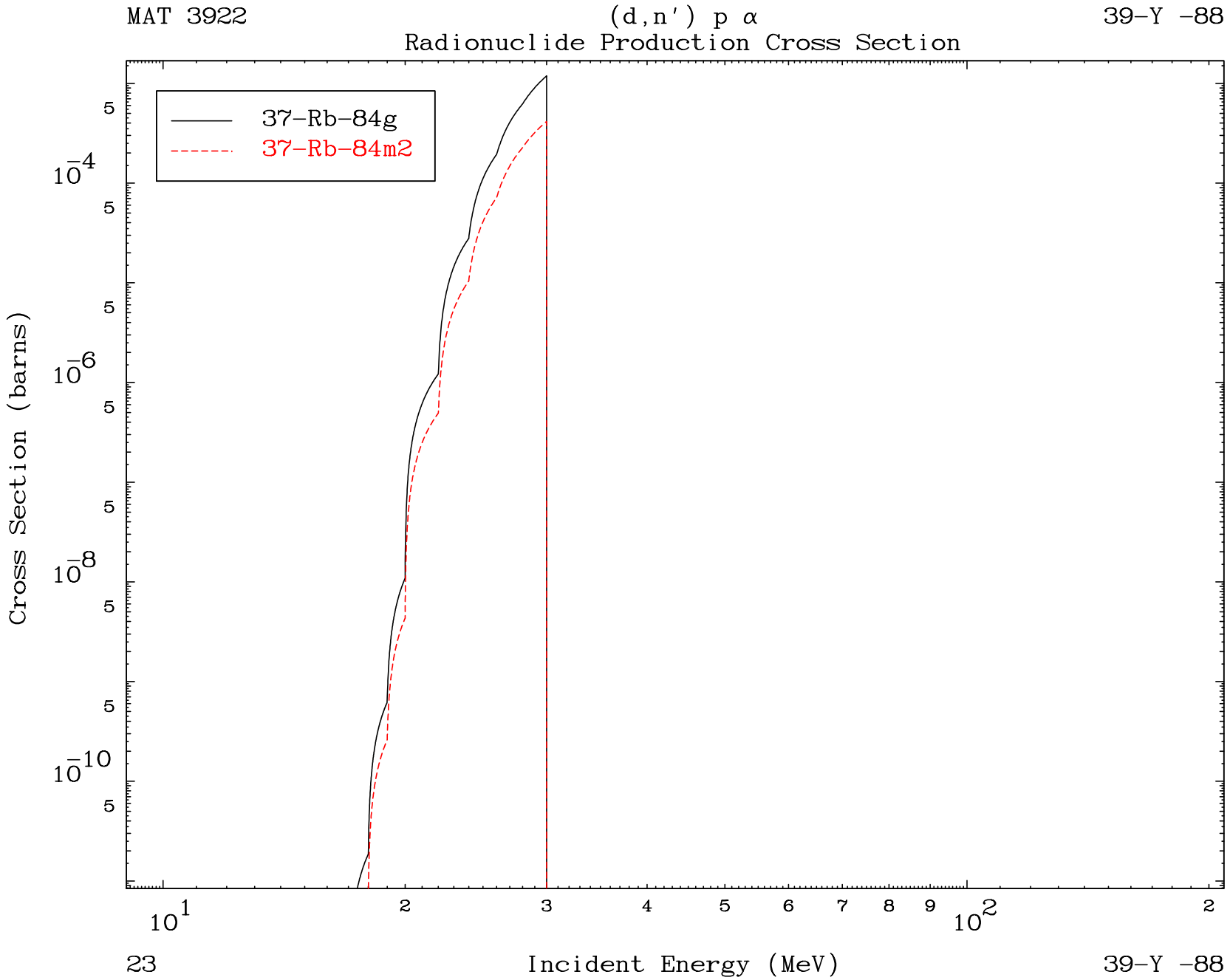

MAT 3922
(d,n') d
39-Y -88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
18
39-Y -88

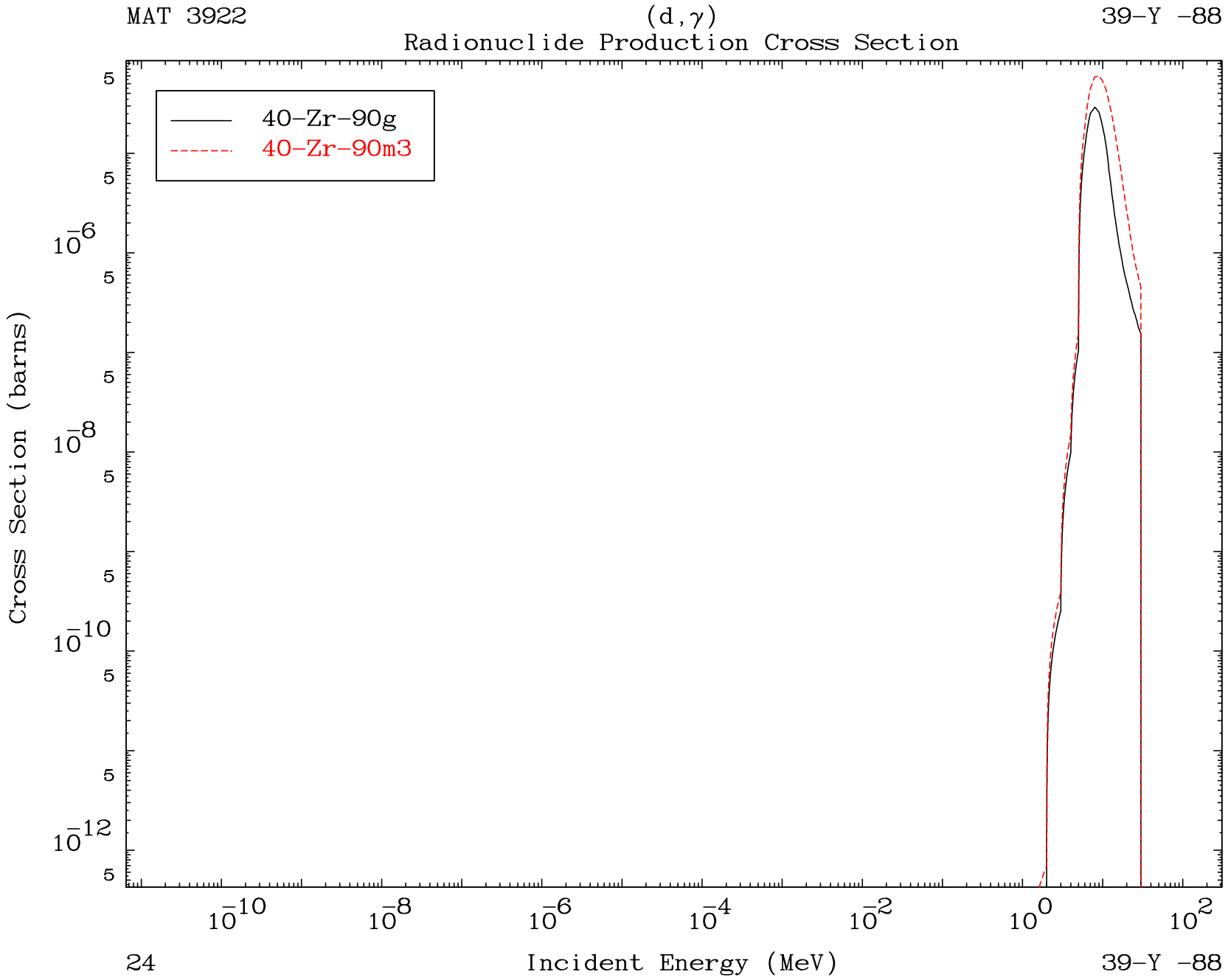

MAT 3922
(d,n') t
39-Y -88
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
39-Y -88

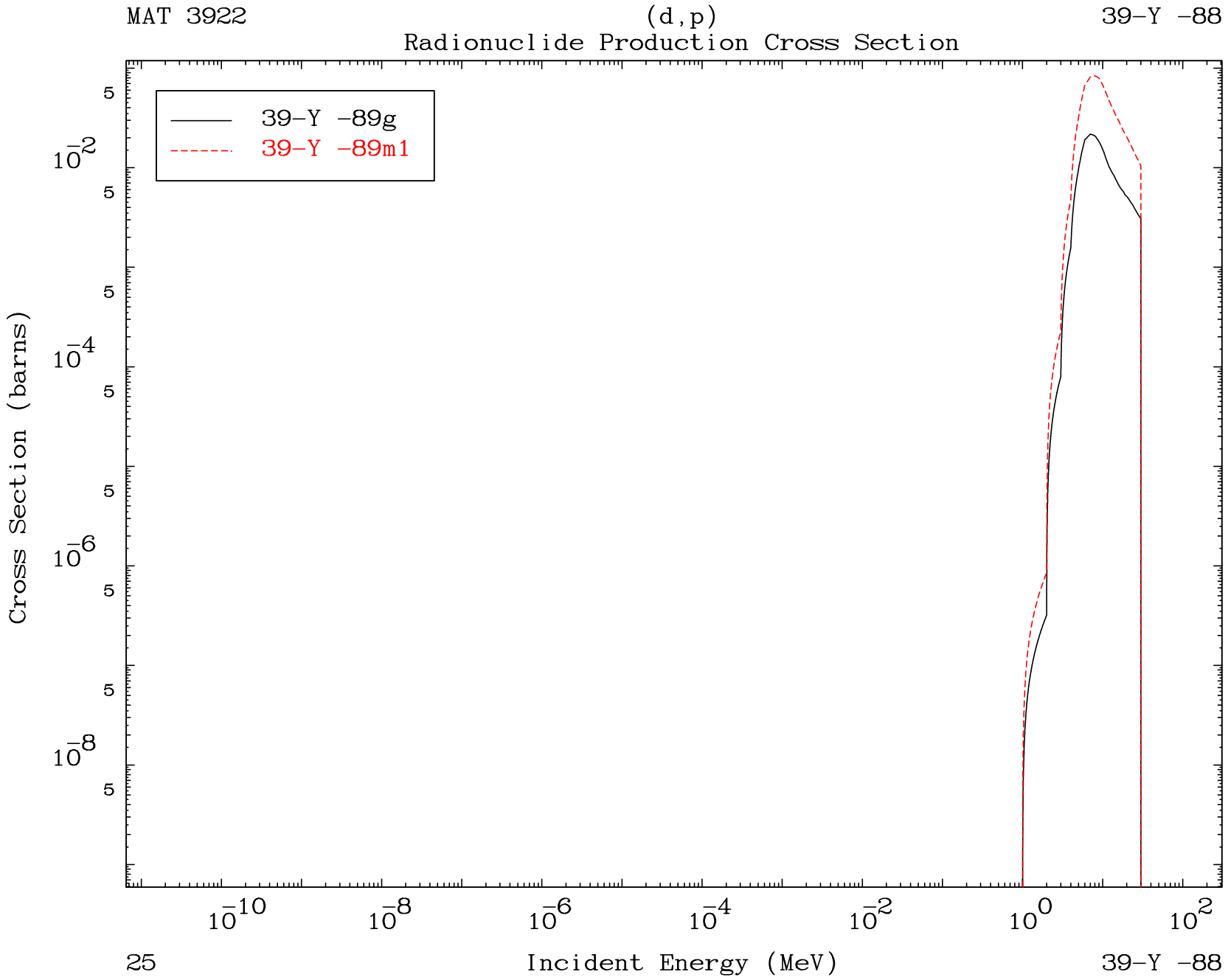

MAT 3922
(d,2n) p
39-Y -88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
20
39-Y -88

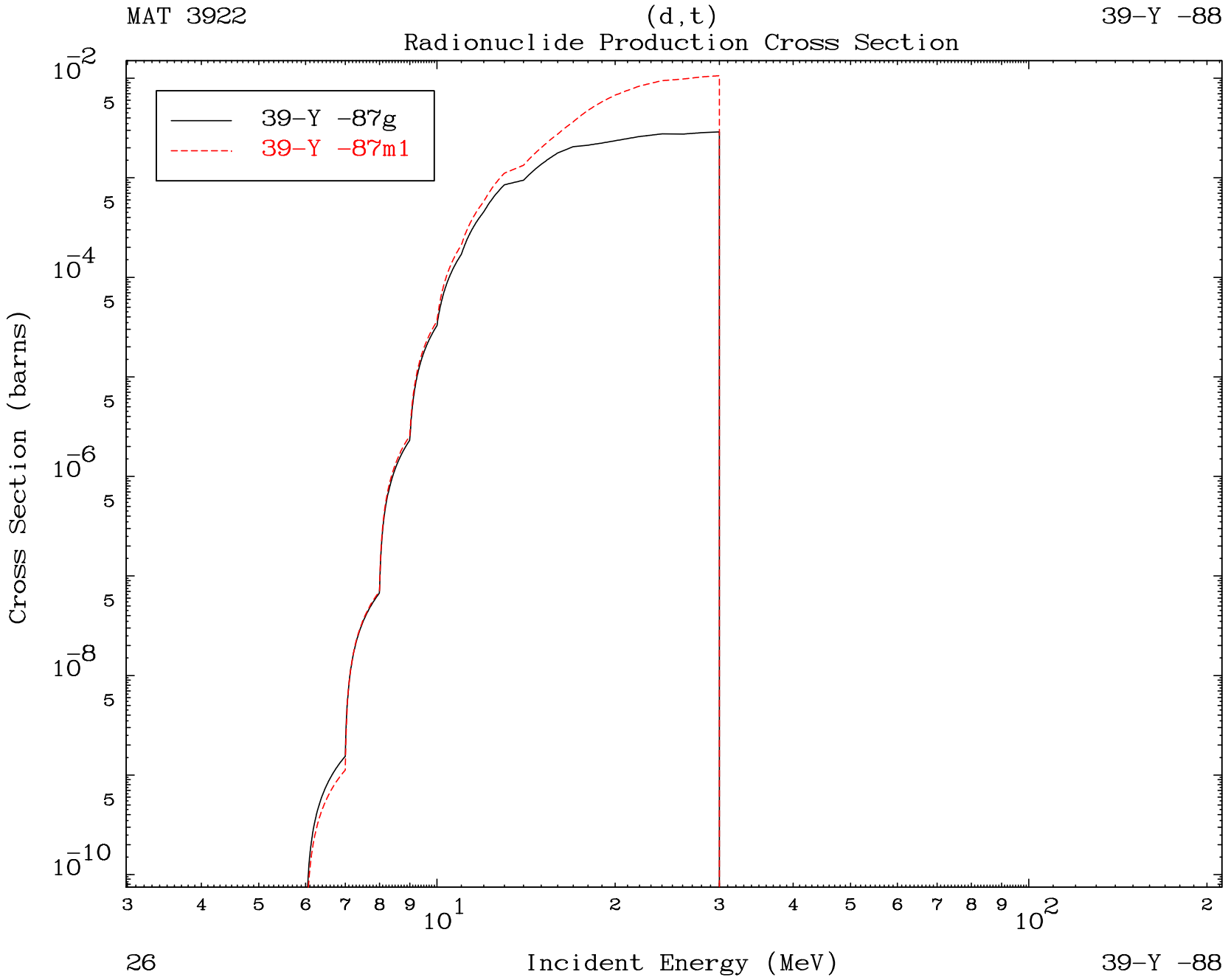

MAT 3922
(d,3n) p
39-Y -88
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
Incident Energy (MeV)
21
39-Y -88

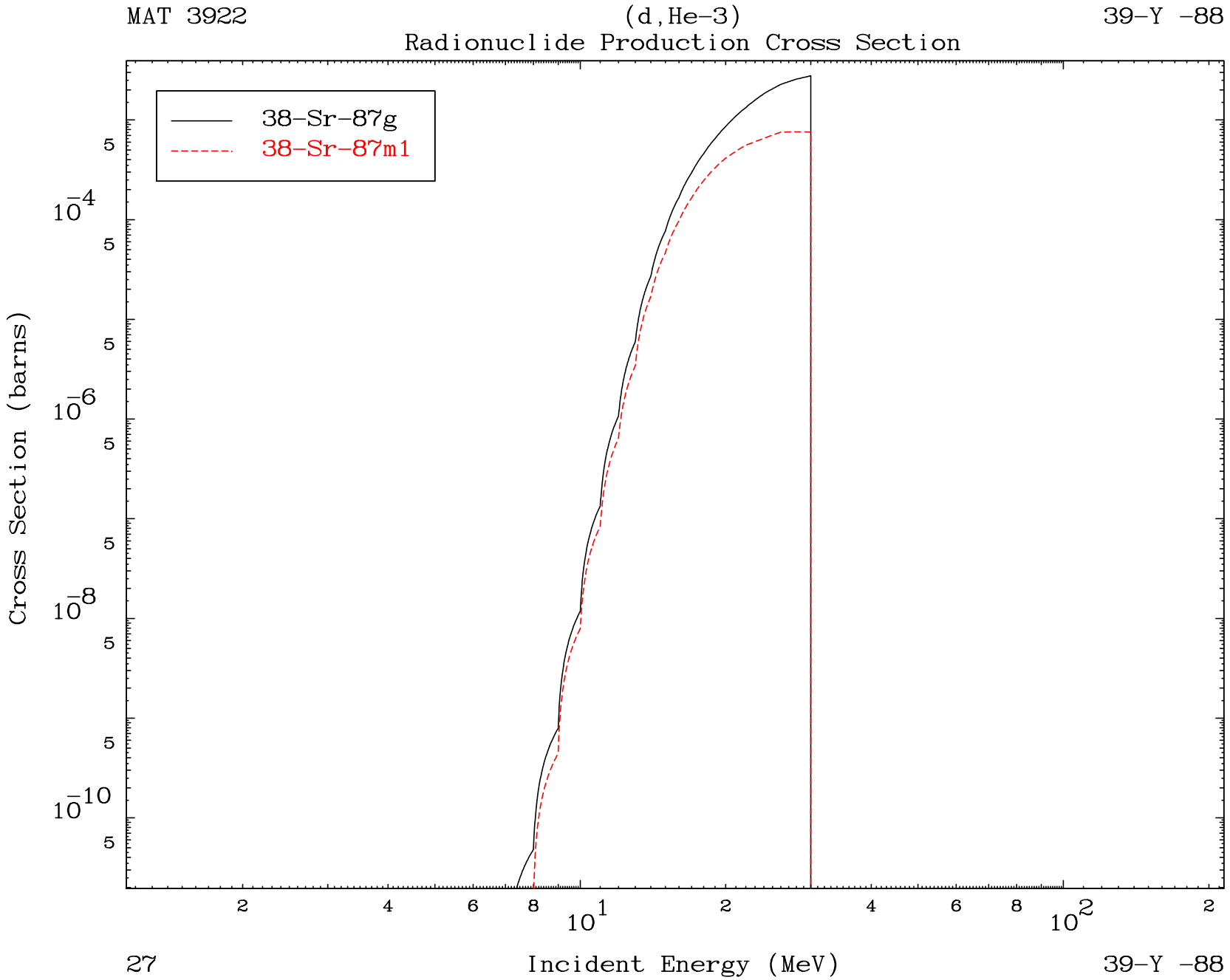

MAT 3922
(d,2n) p
39-Y -88
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
22
39-Y -88

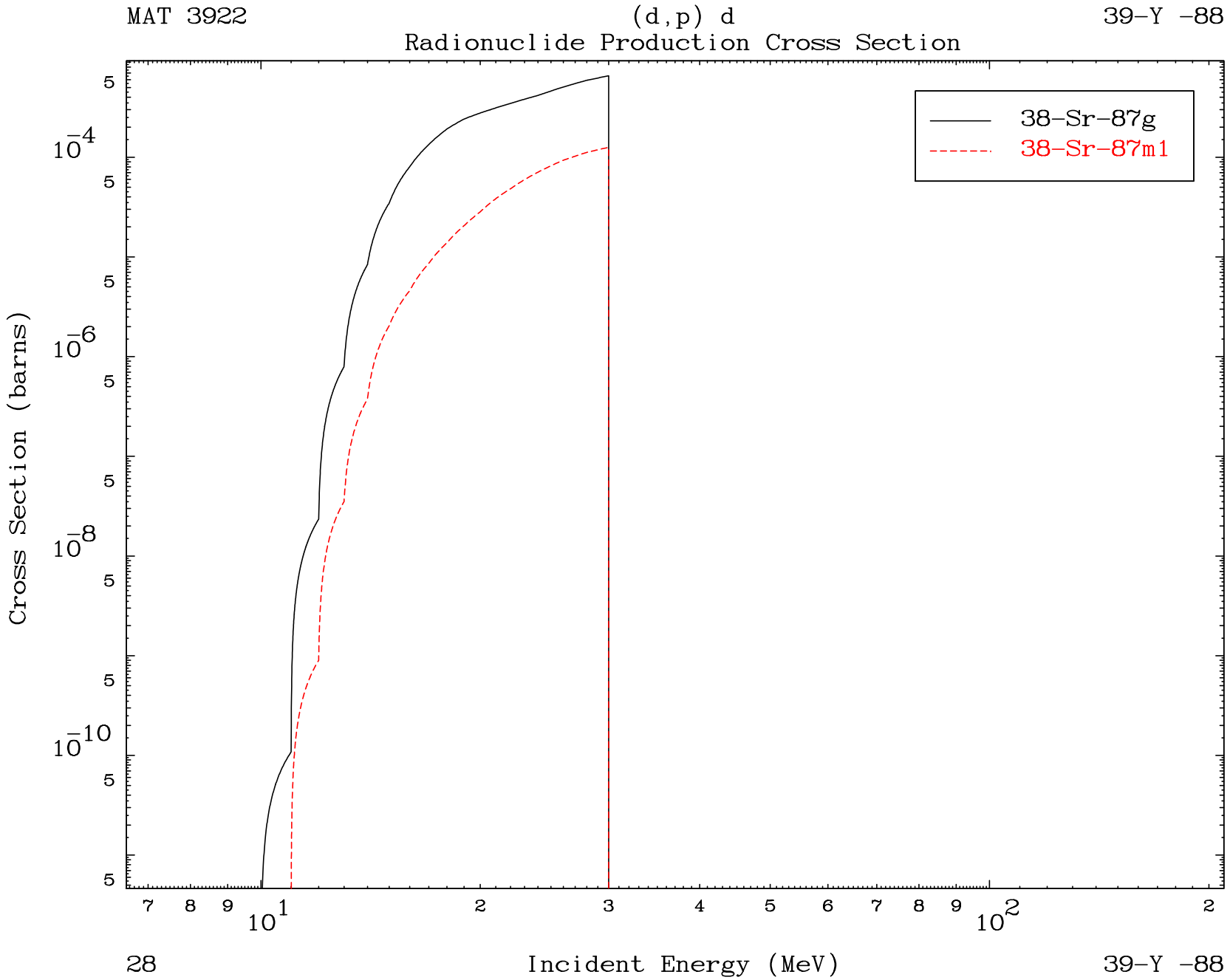

MAT 3922
(d,n') p α
39-Y -88
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
Incident Energy (MeV)
10 1
2
3
4
5
6
7
8
9
10 2
2
23
39-Y -88

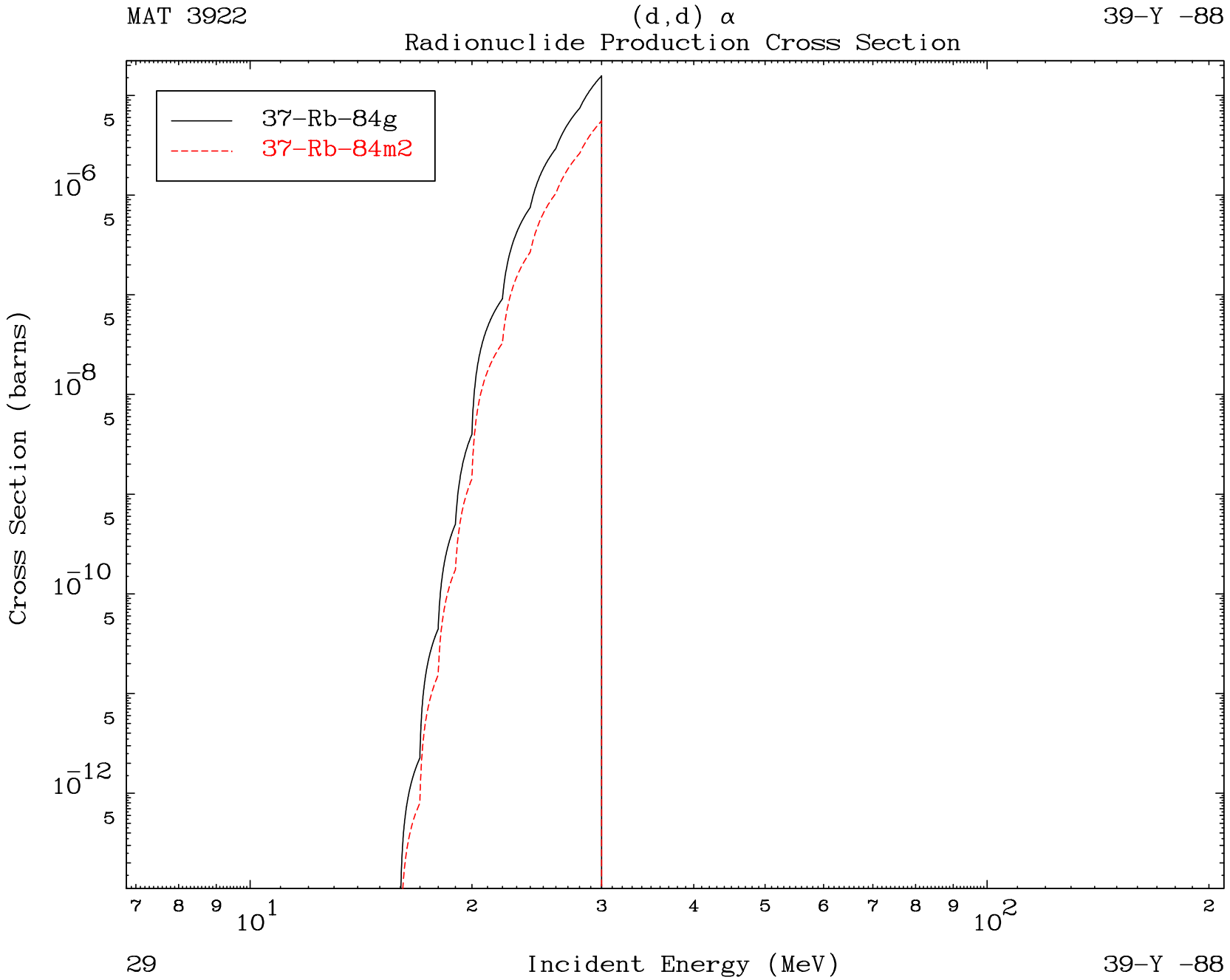

MAT 3922
(d,γ)
39-Y -88
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
24
39-Y -88


MAT 3922
(d,p)
39-Y -88
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
Incident Energy (MeV)
25
39-Y -88


MAT 3922
(d,t)
39-Y -88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
26
39-Y -88


MAT 3922
(d,He-3)
39-Y -88
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
27
39-Y -88


MAT 3922
(d,p) d
39-Y -88
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
28
39-Y -88


MAT 3922
(d,d) α
39-Y -88
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
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
Incident Energy (MeV)
29
39-Y -88