Program EVALPLOT
(Version 2017-1)
by
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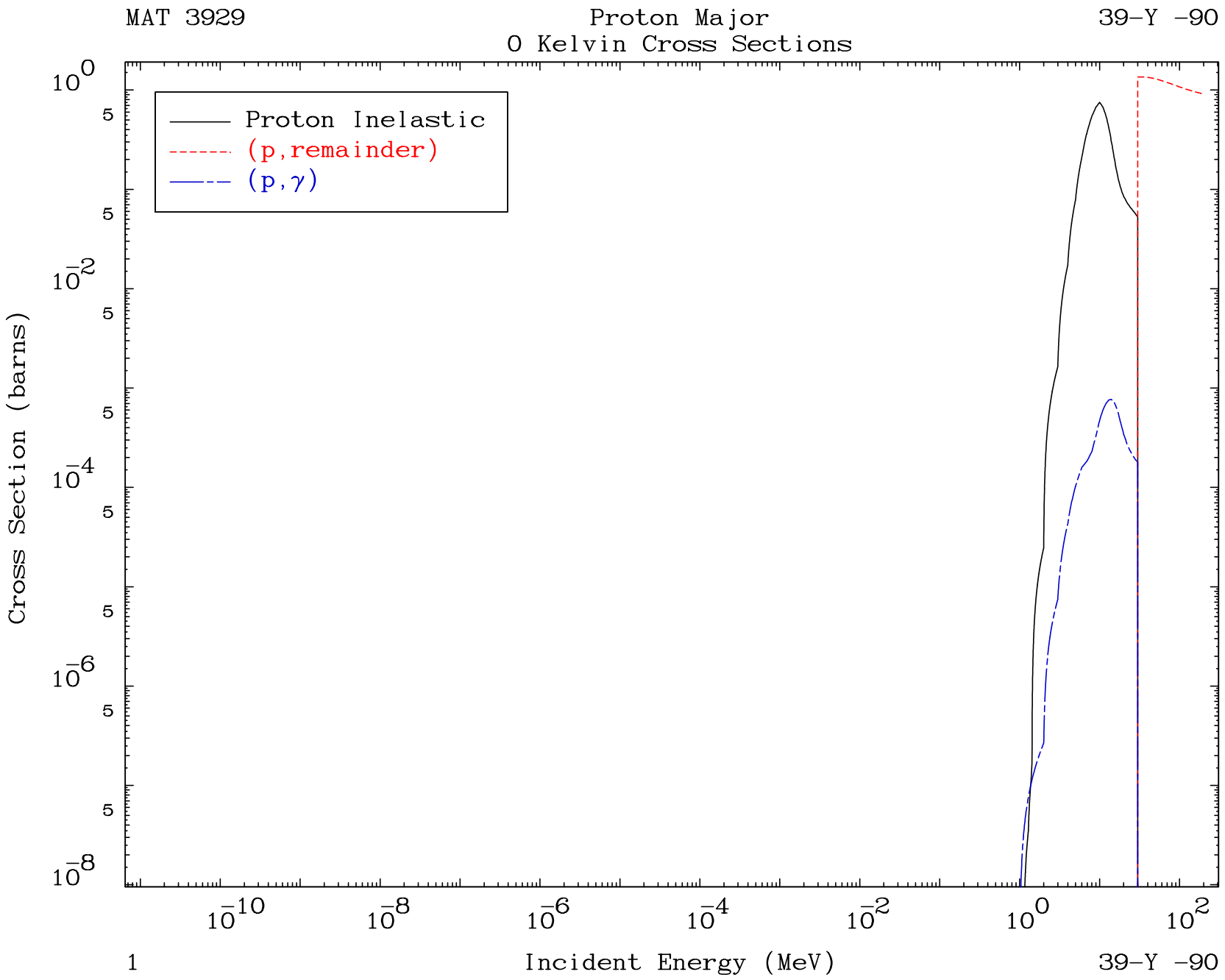
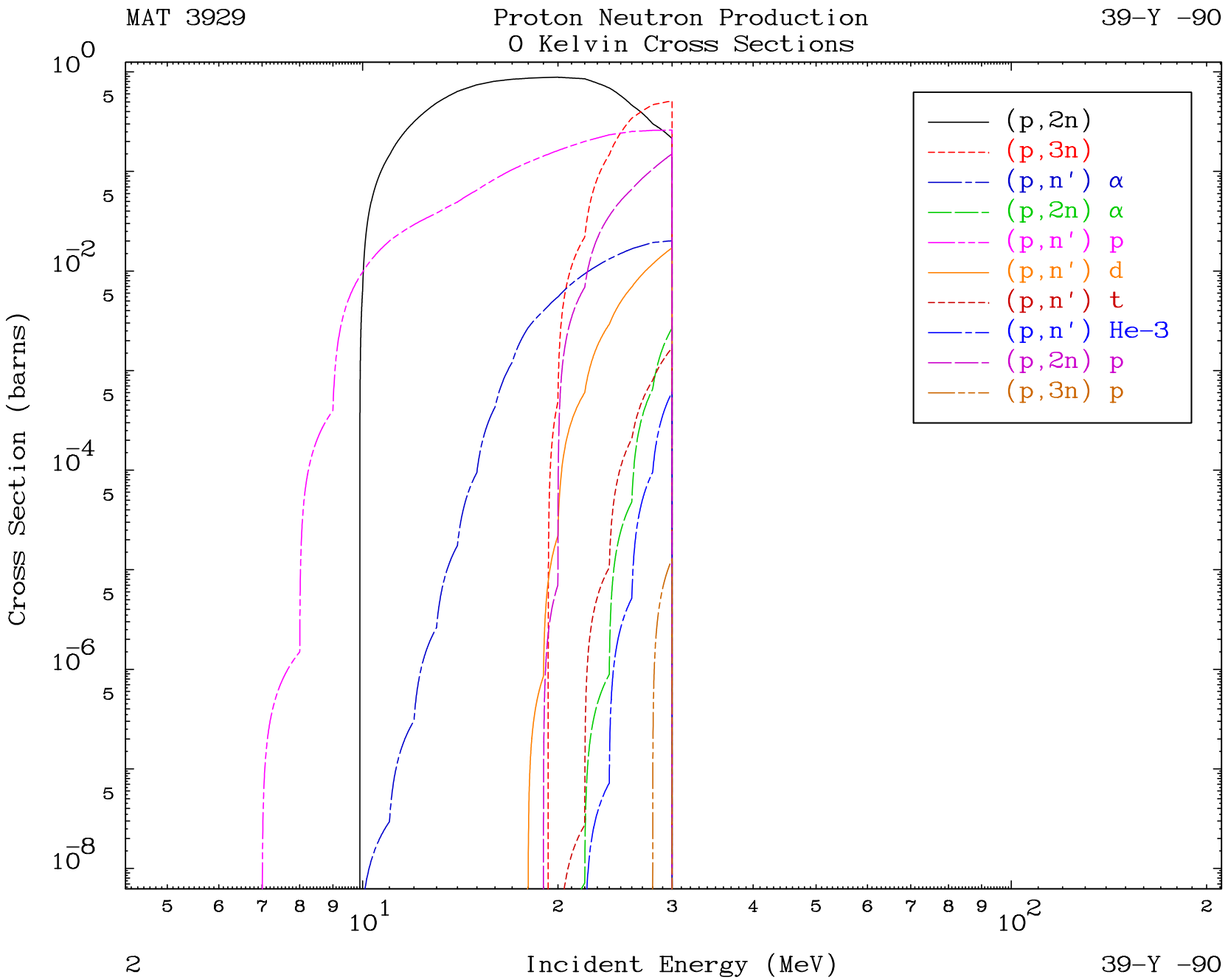
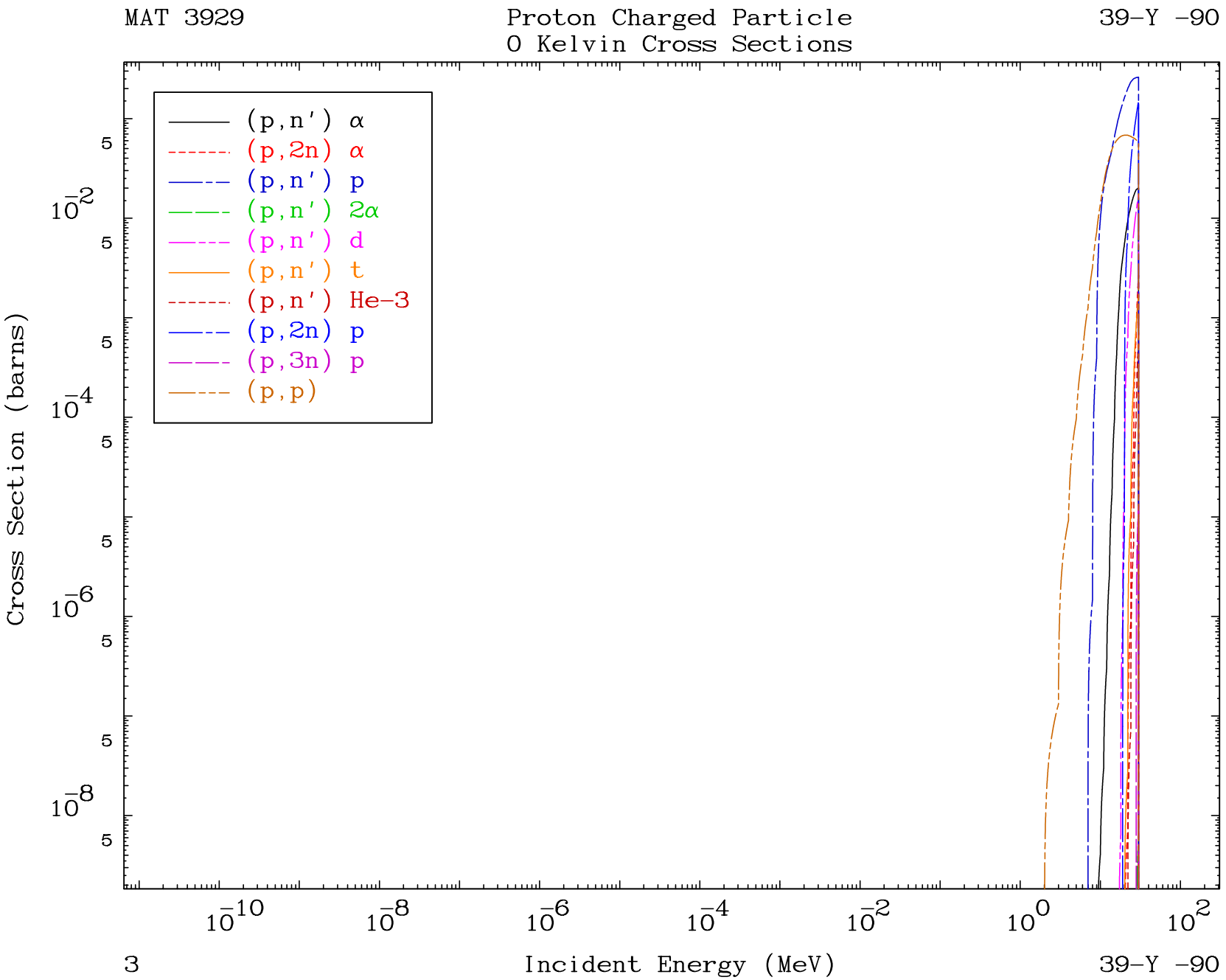
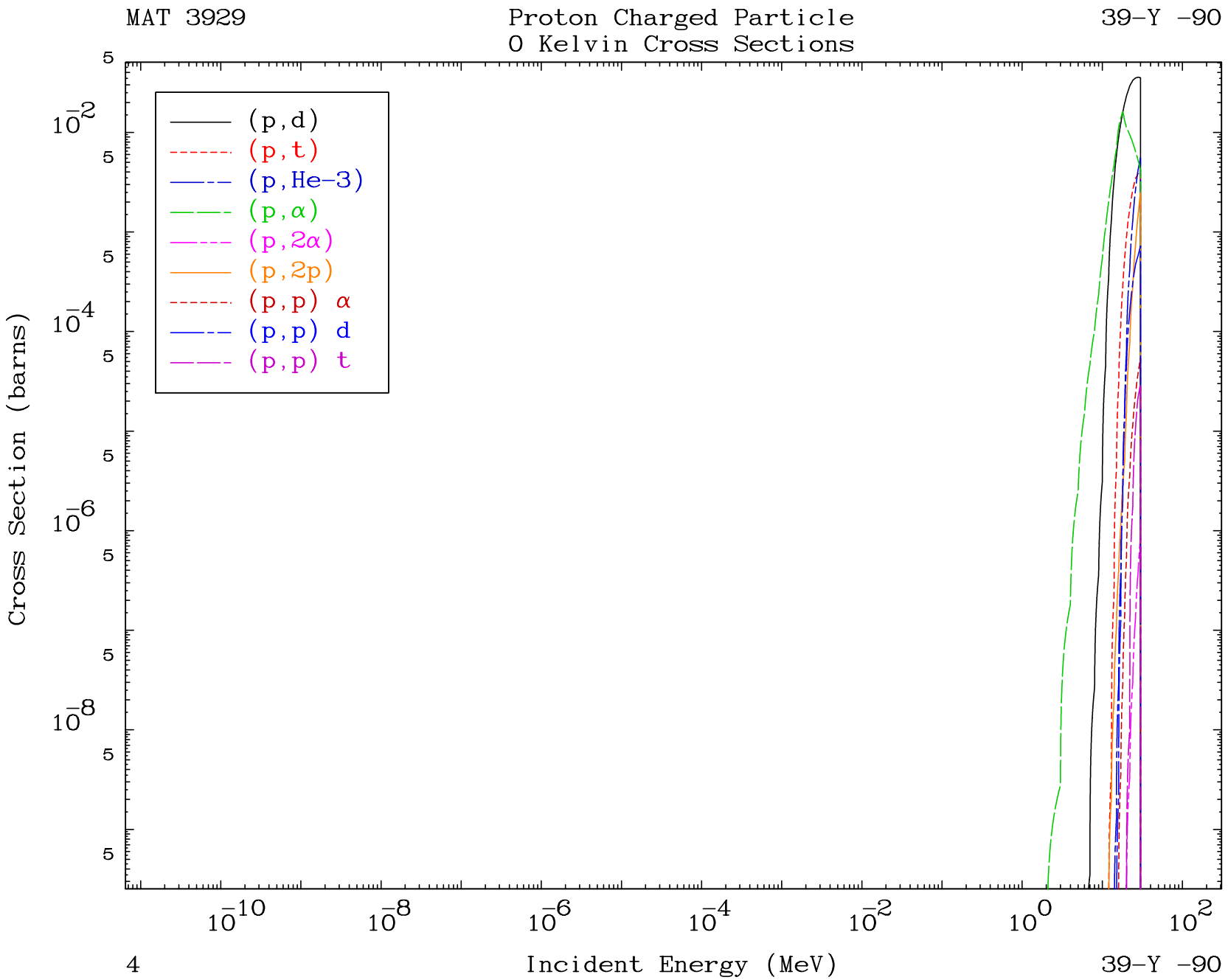
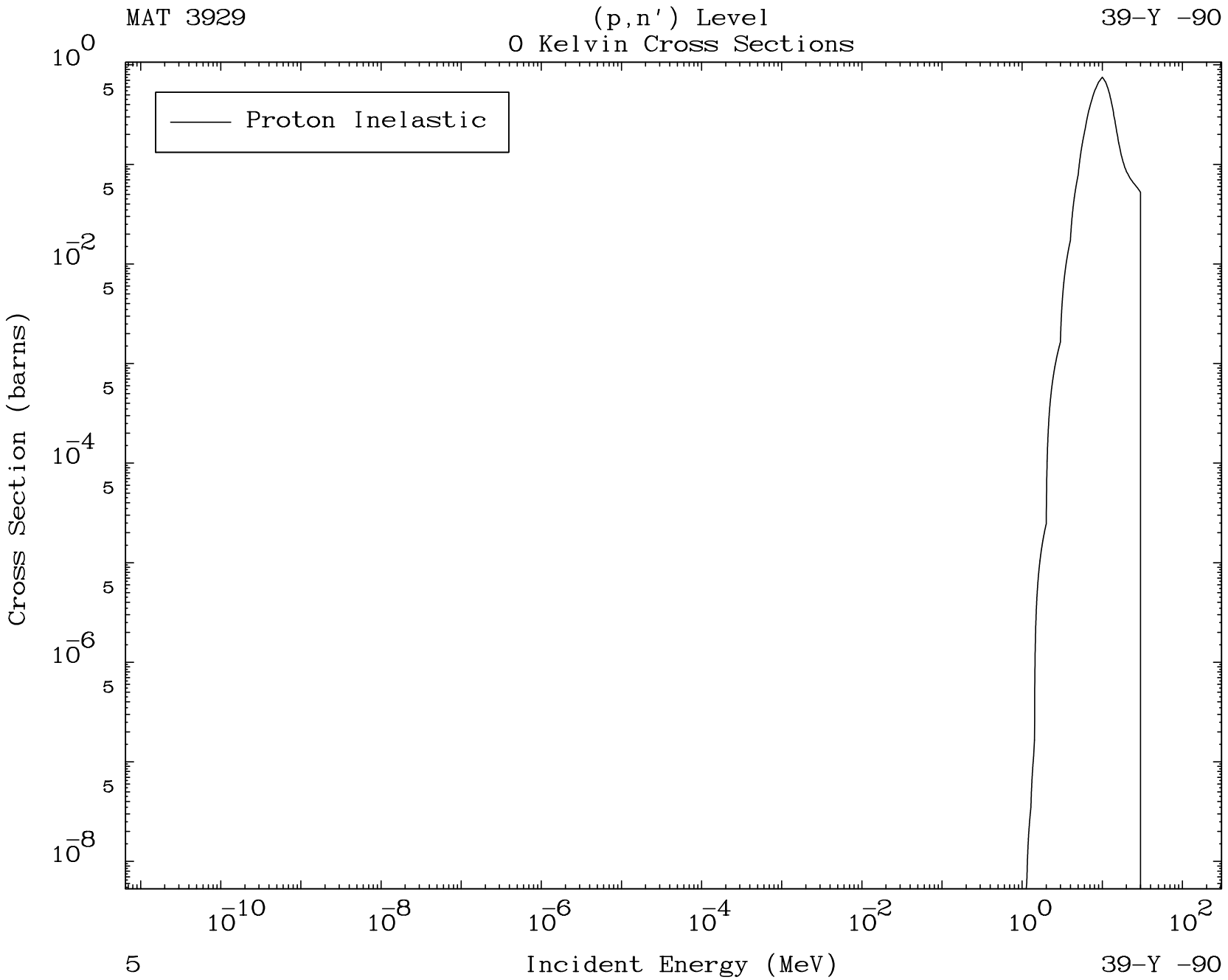
Press Mouse Button to Start

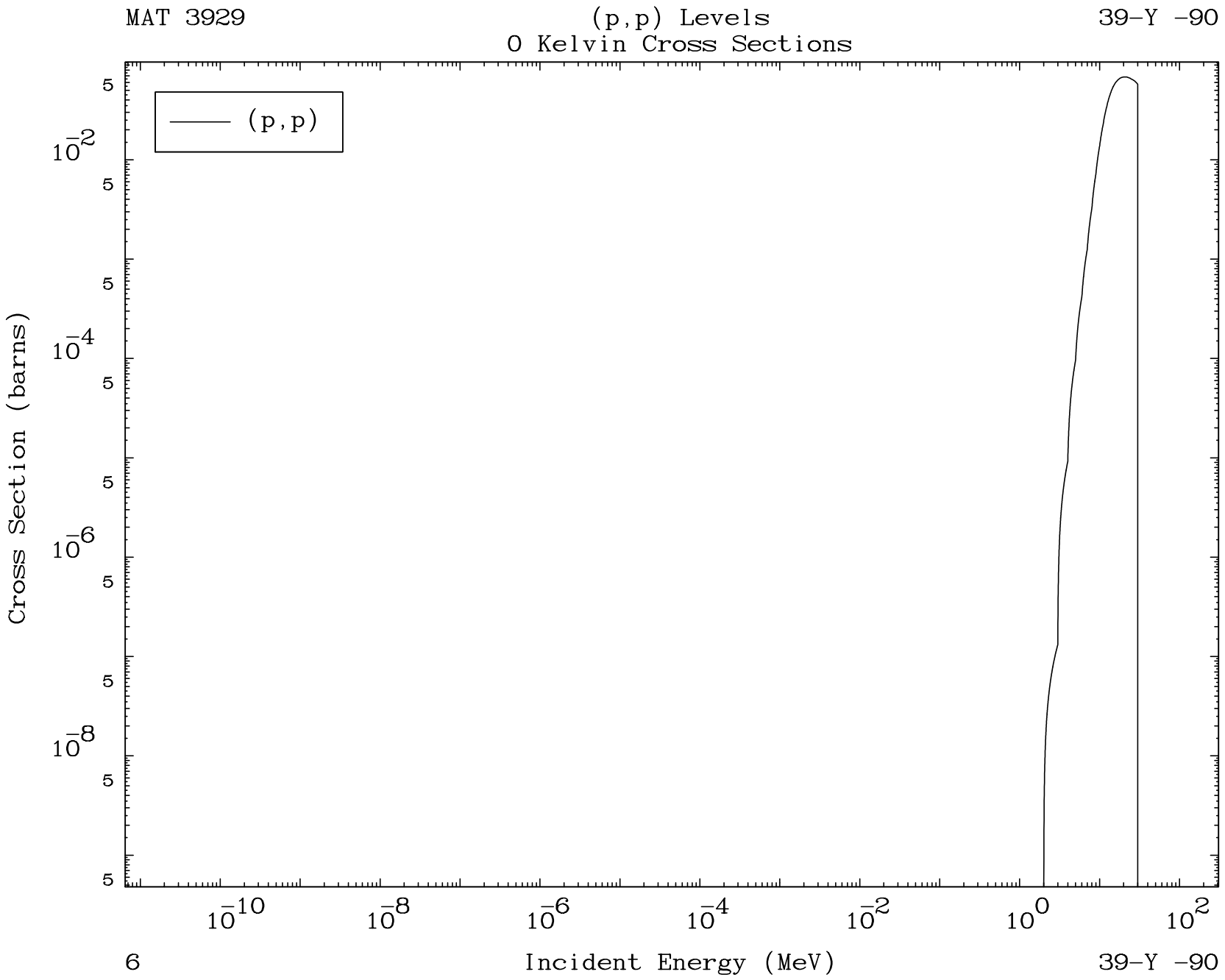

MAT 3929
Proton Major
39-Y -90
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
39-Y -90
1

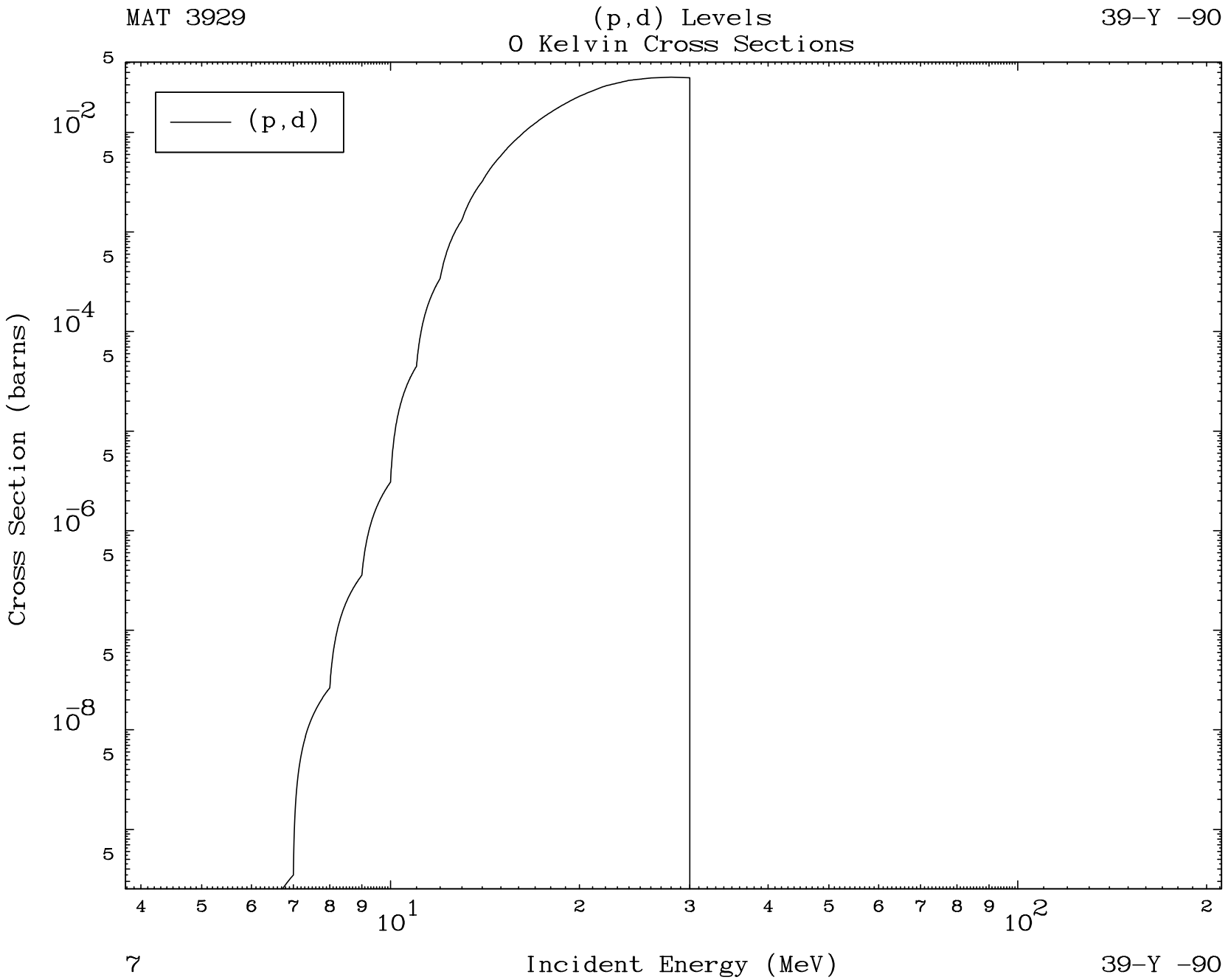

MAT 3929
Proton Neutron Production
0 Kelvin Cross Sections
39-Y -90
Cross Section (barns)
Incident Energy (MeV)
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p

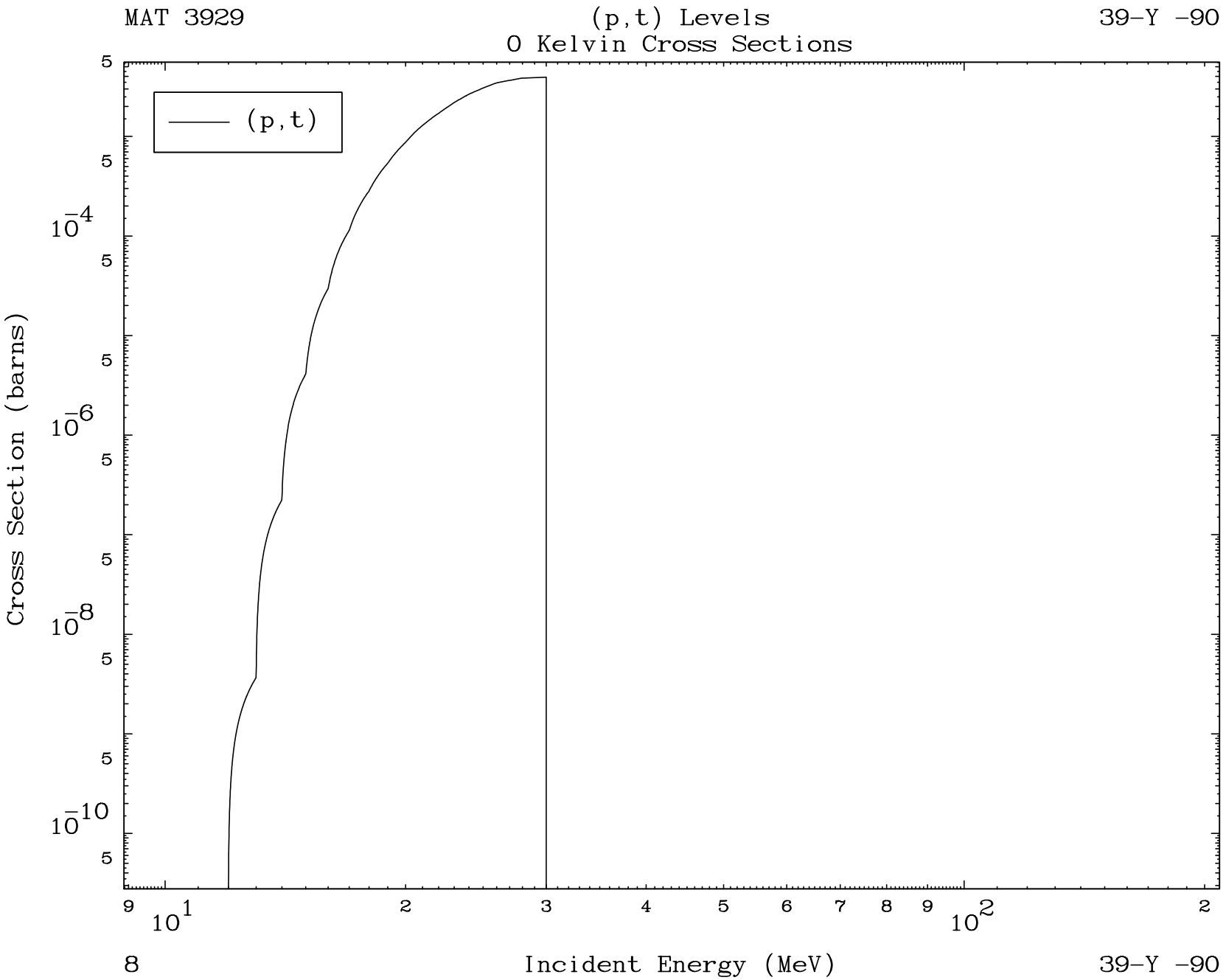

MAT 3929
Proton Charged Particle
0 Kelvin Cross Sections
39-Y -90
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
3
39-Y -90

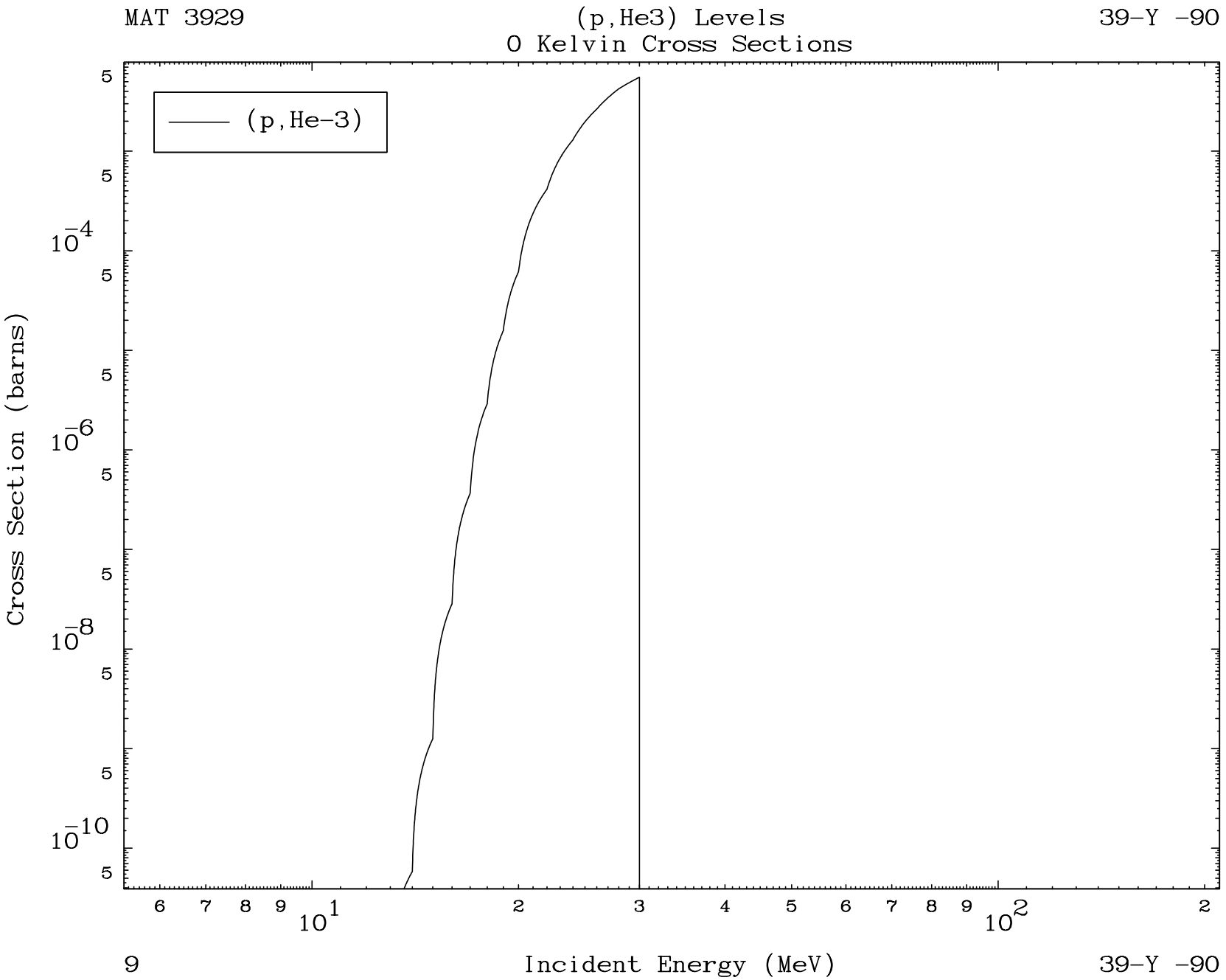

MAT 3929
Proton Charged Particle
0 Kelvin Cross Sections
39-Y -90
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
39-Y -90

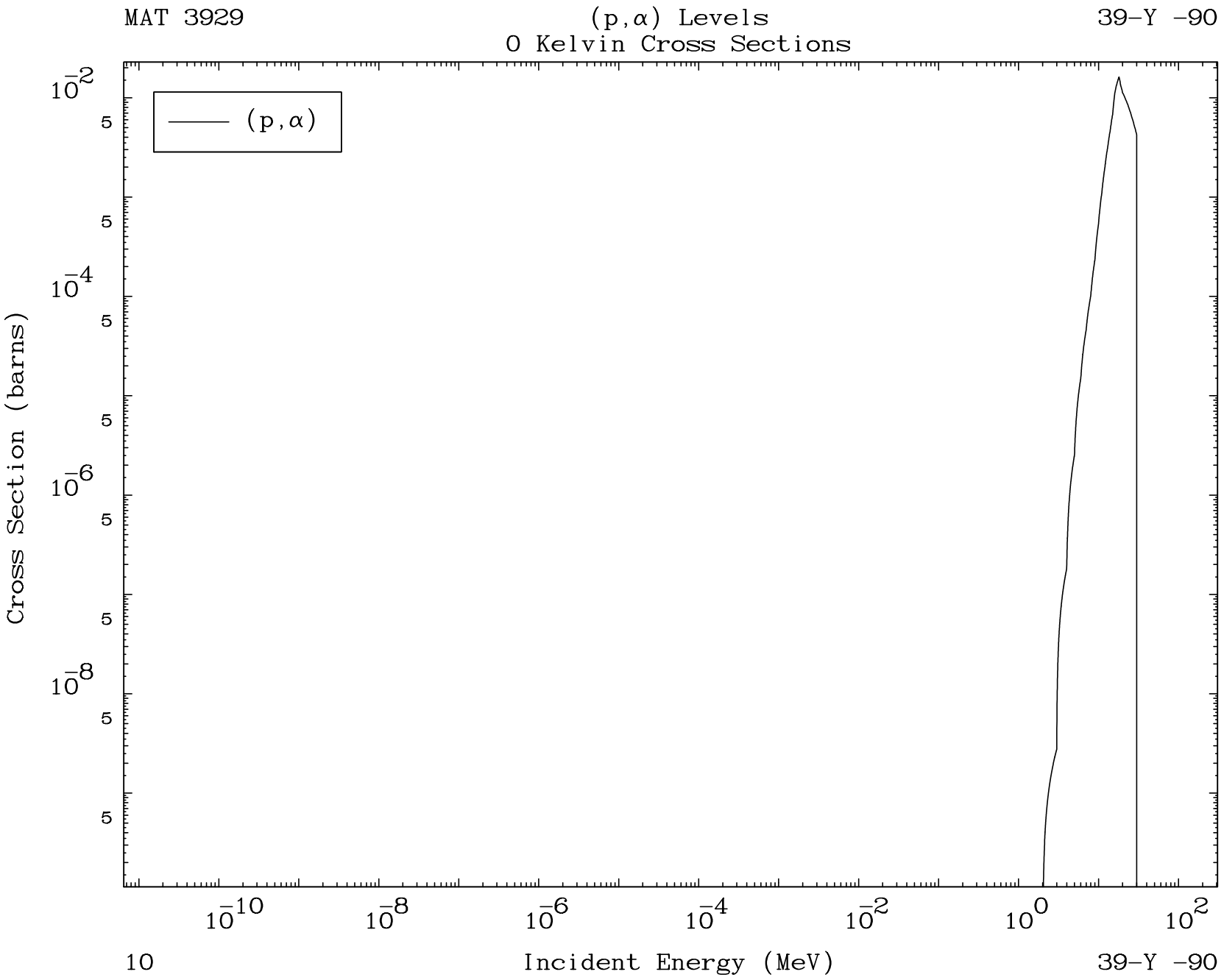

MAT 3929
(p,n') Level
39-Y -90
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
39-Y -90

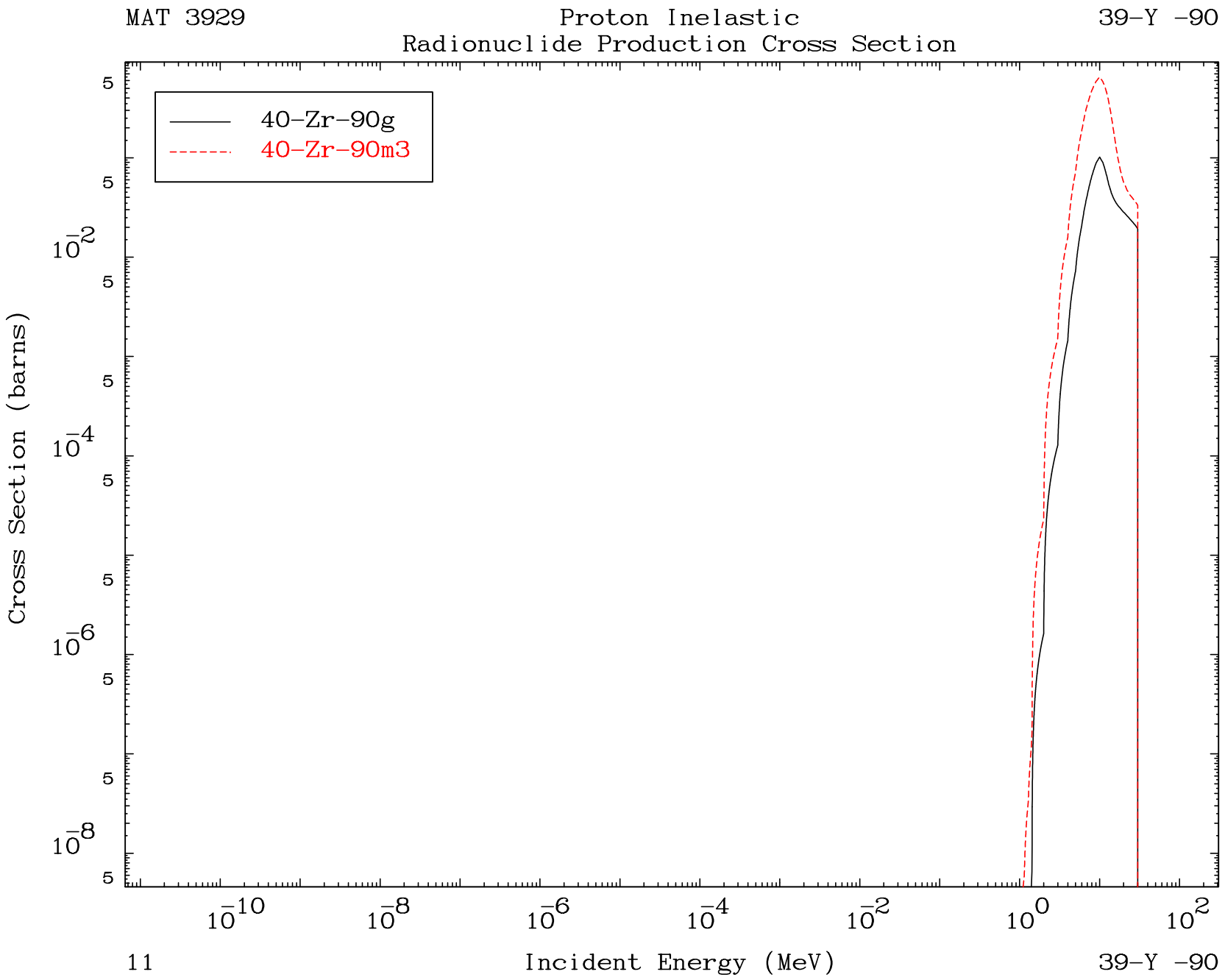

MAT 3929
(p,p) Levels
39-Y -90
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
39-Y -90

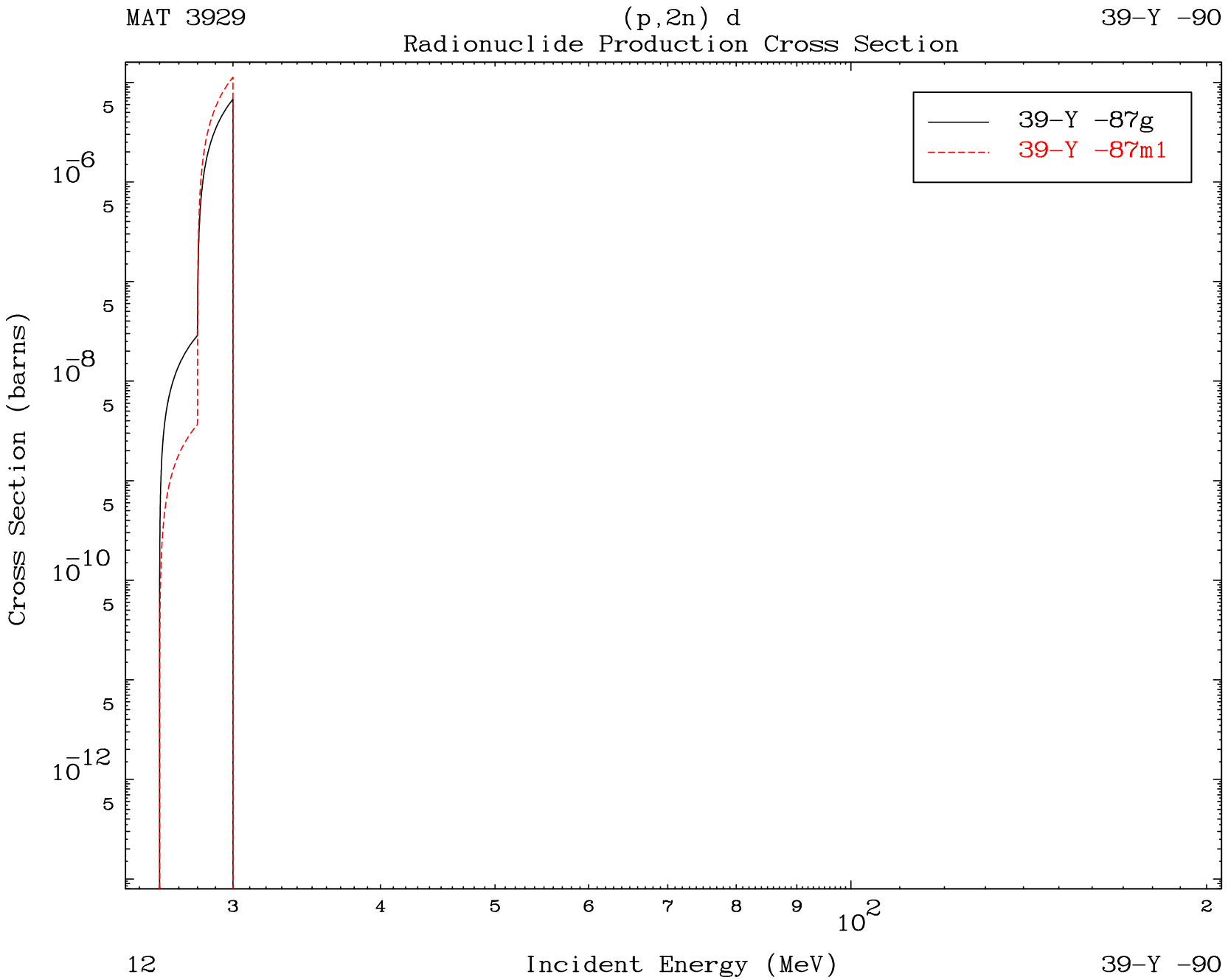

MAT 3929
(p,d) Levels
39-Y -90
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
7
39-Y -90

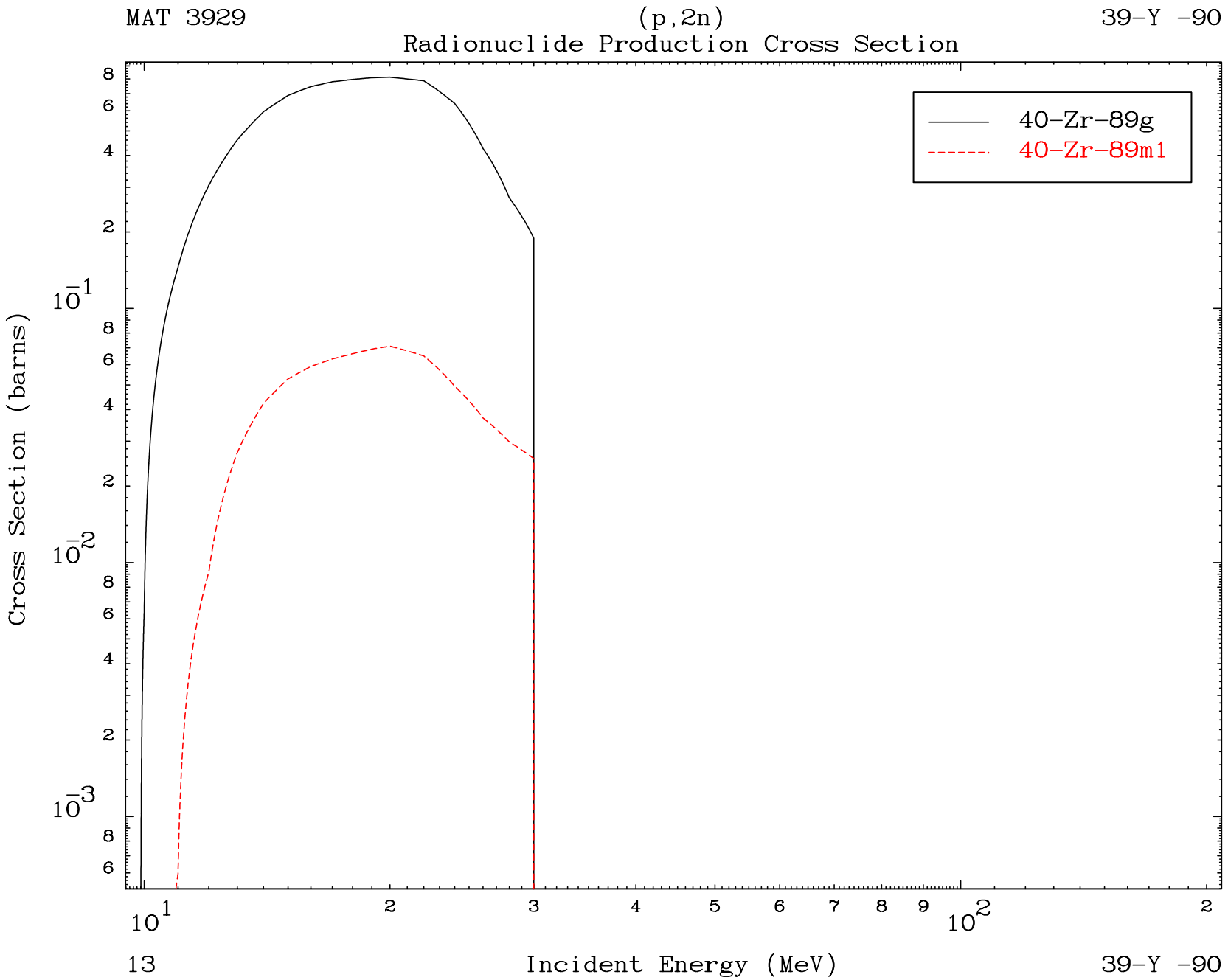

MAT 3929
(p,t) Levels
39-Y -90
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
8
39-Y -90

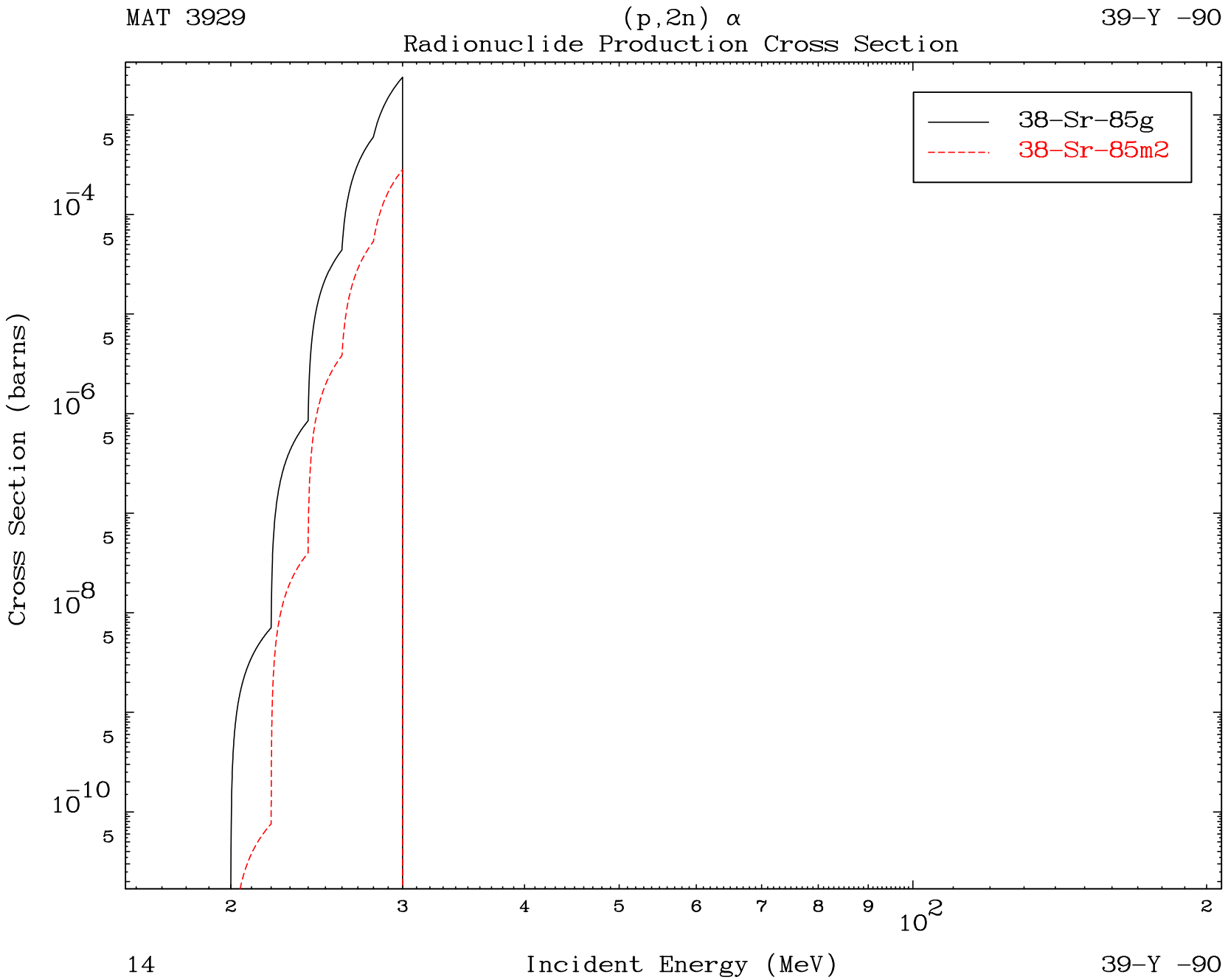

MAT 3929
(p,He3) Levels
39-Y -90
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
39-Y -90

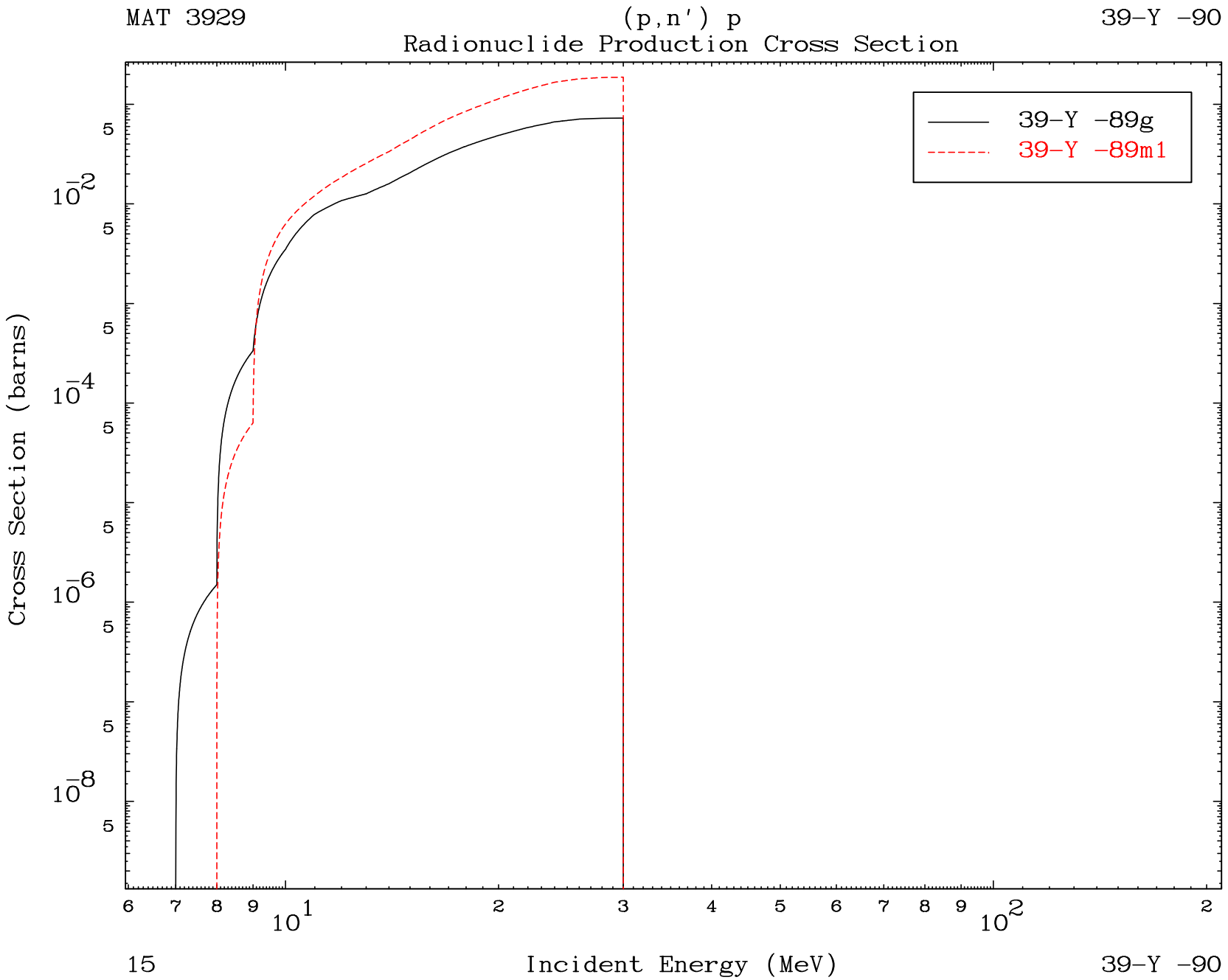

MAT 3929
(p,α) Levels
39-Y -90
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
39-Y -90

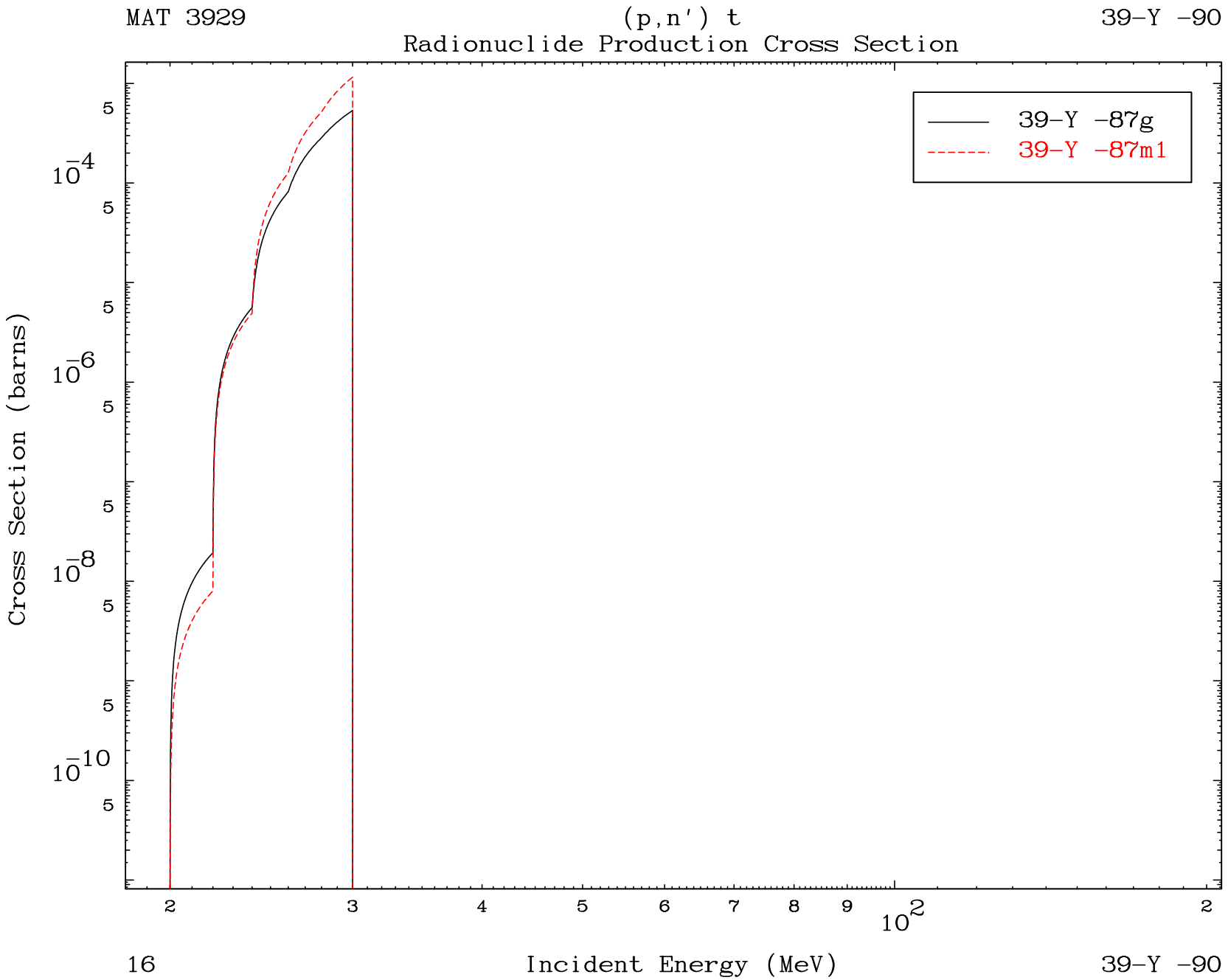

MAT 3929
Proton Inelastic
39-Y -90
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
11
39-Y -90

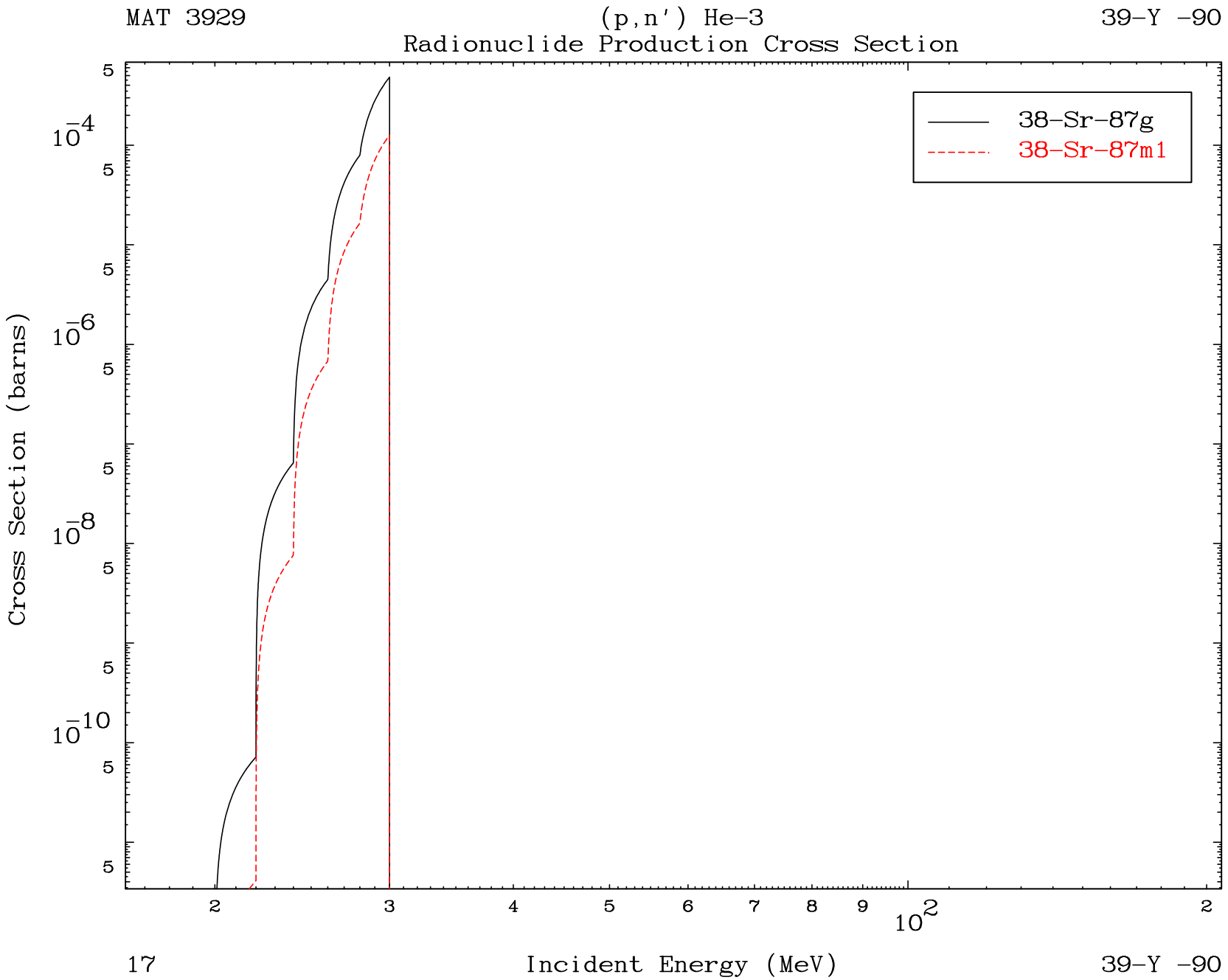

MAT 3929
(p,2n) d
39-Y -90
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
39-Y -90

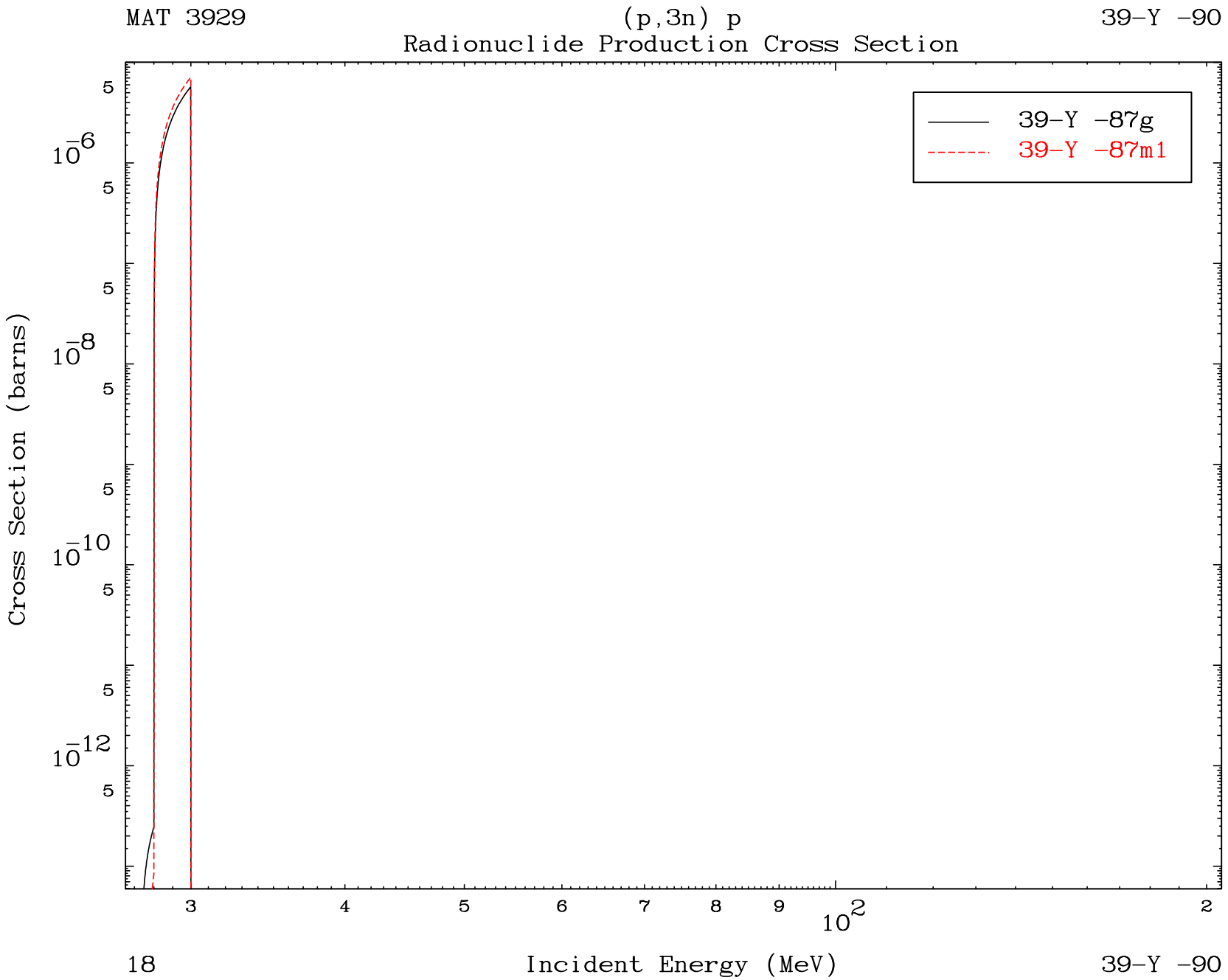

MAT 3929
(p,2n)
39-Y -90
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
13
39-Y -90

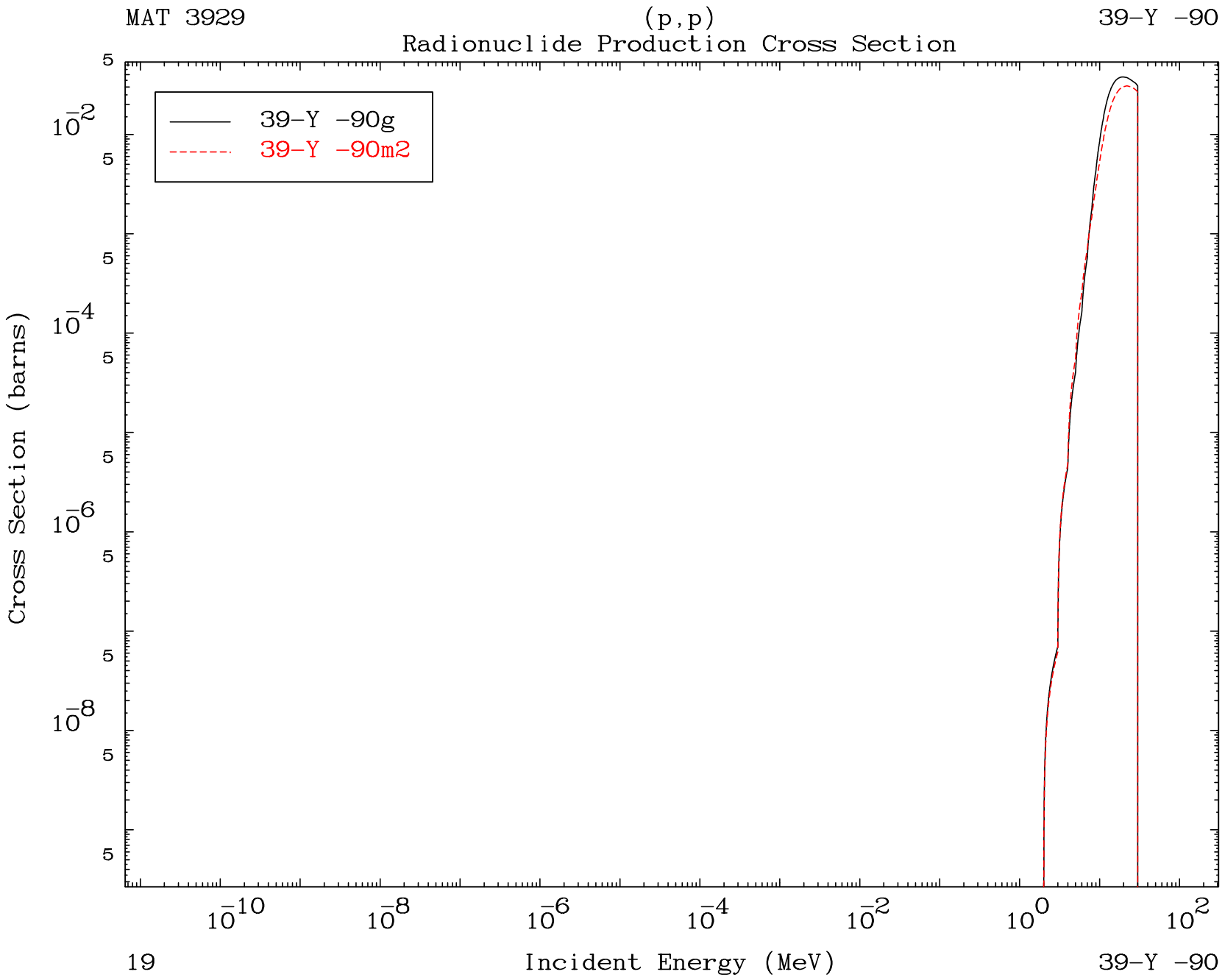

MAT 3929
(p,2n) α
39-Y -90
Radionuclide Production Cross Section
38-Sr-85g
38-Sr-85m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
39-Y -90

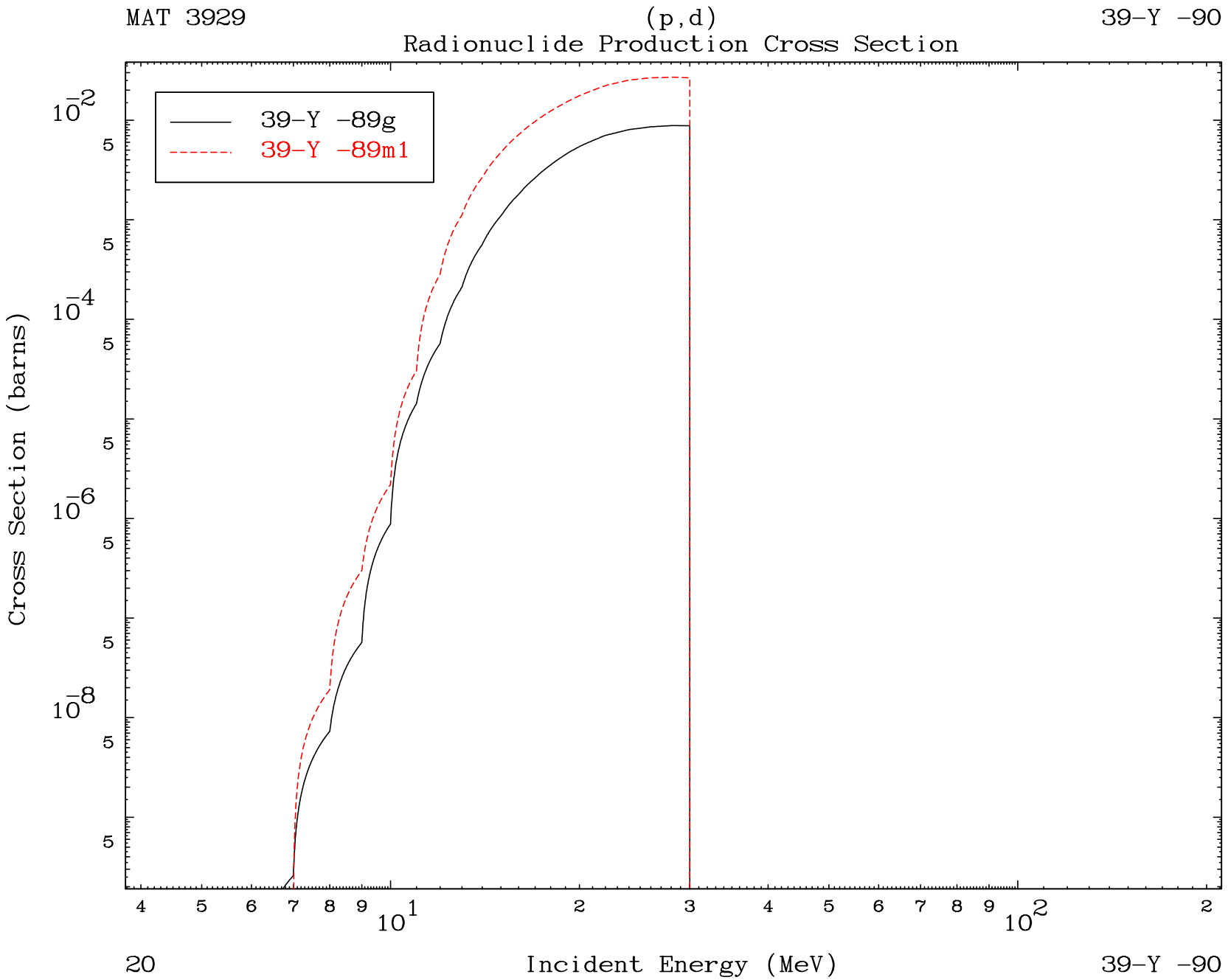

MAT 3929
(p,n') p
39-Y -90
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
15
39-Y -90

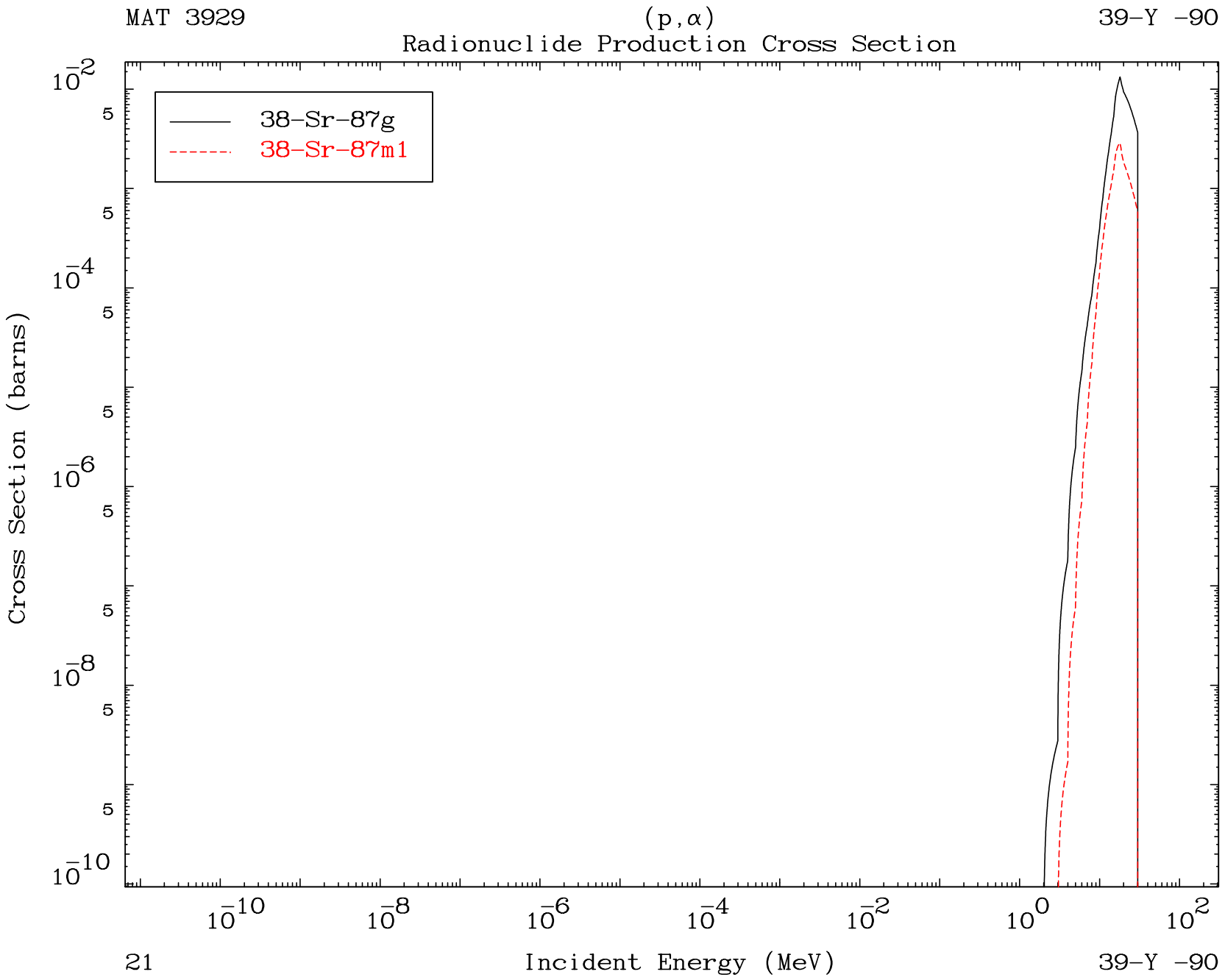

MAT 3929
(p,n') t
39-Y -90
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
39-Y -90

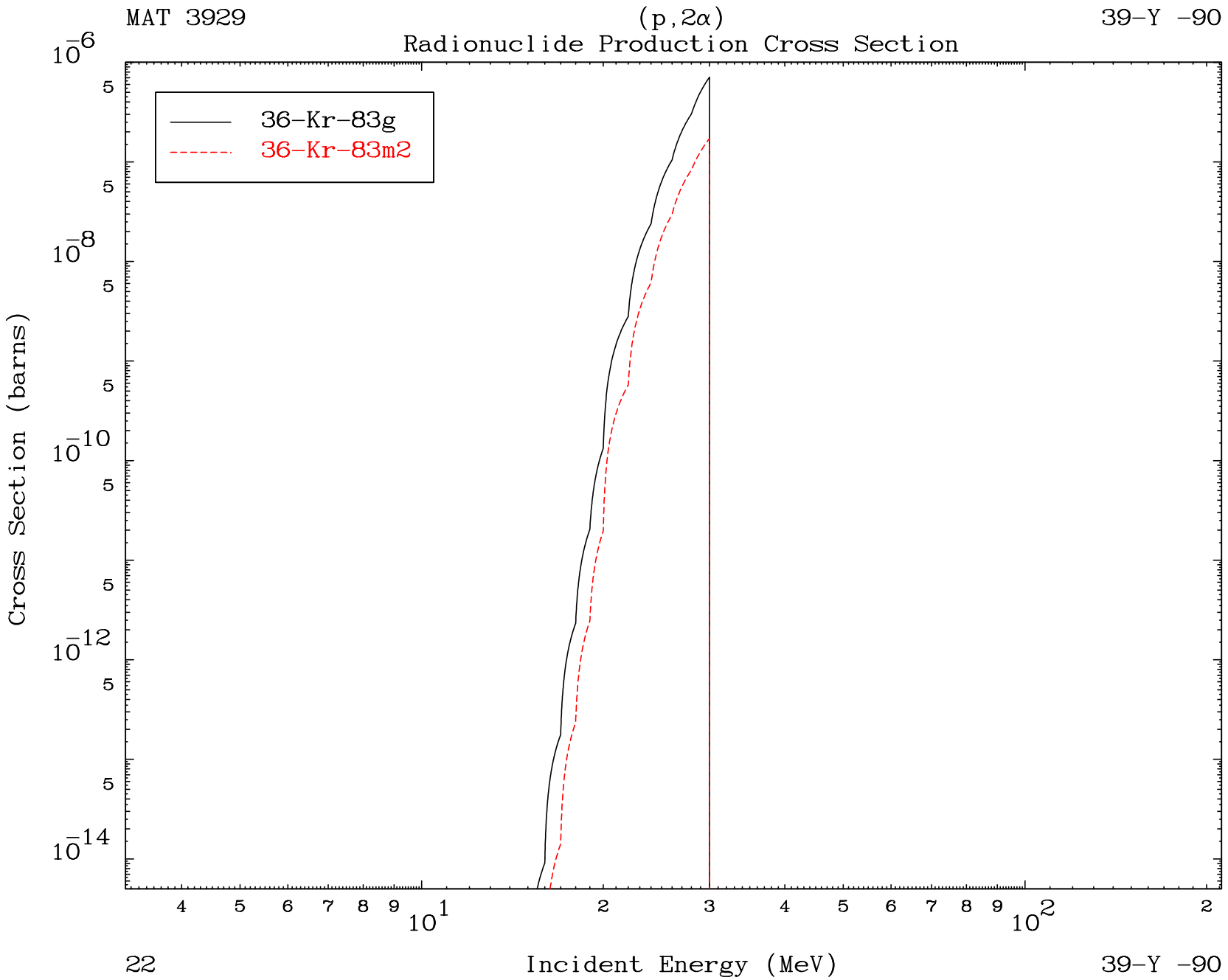

MAT 3929
(p,n') He-3
39-Y -90
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
17
39-Y -90

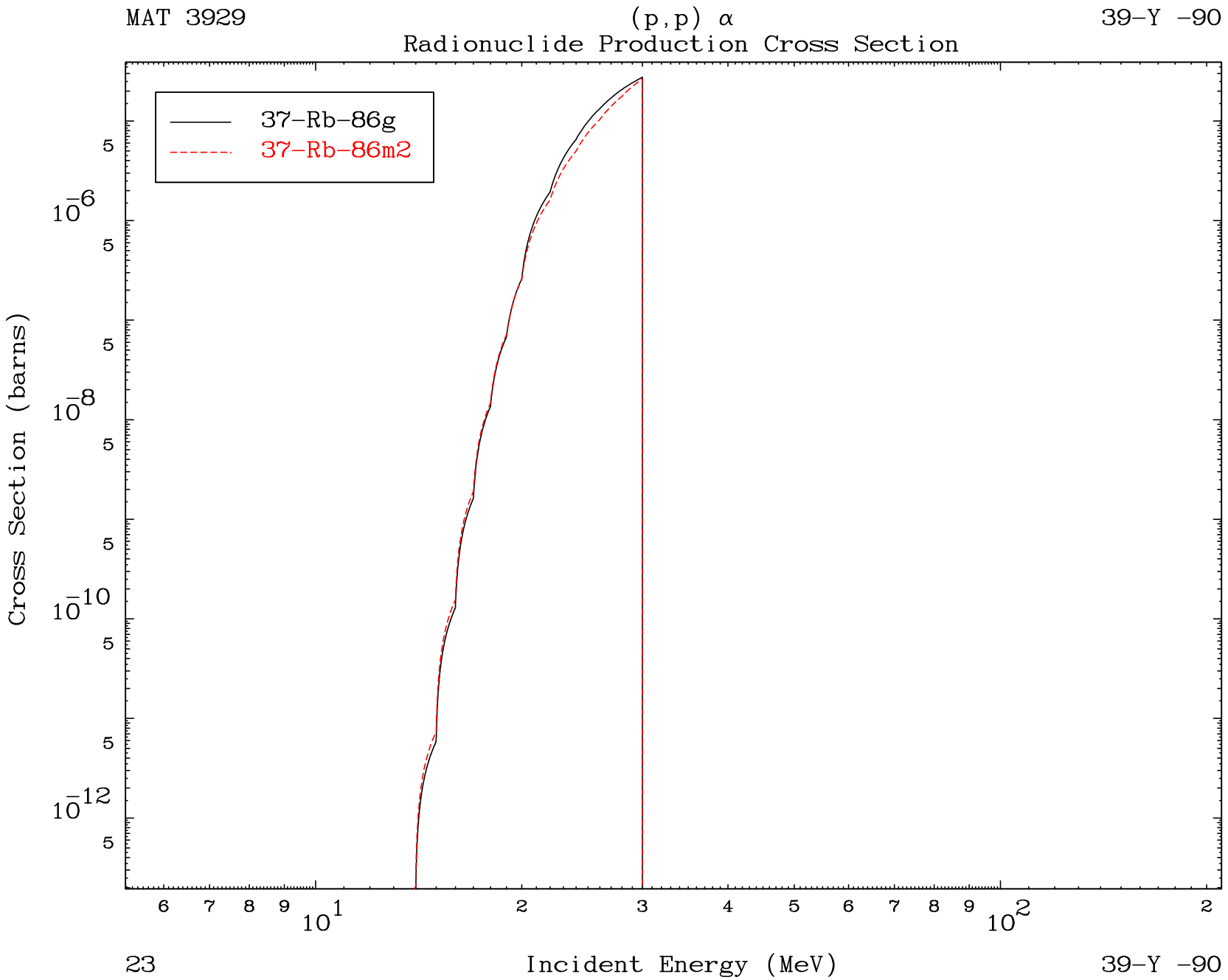

MAT 3929
(p,3n) p
39-Y -90
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
39-Y -90

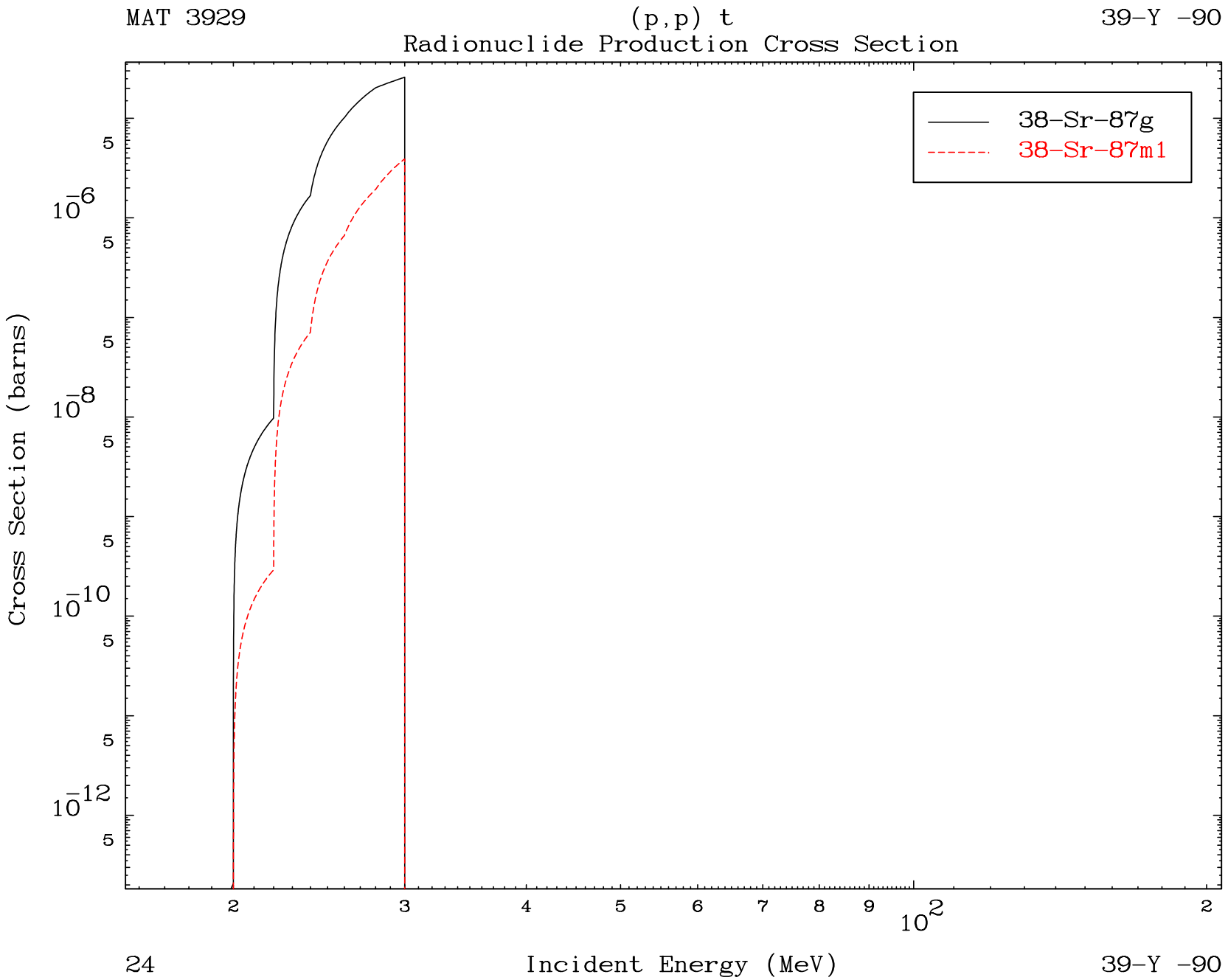

MAT 3929
(p,p)
39-Y -90
Radionuclide Production Cross Section
39-Y -90g
39-Y -90m2
Cross Section (barns)
Incident Energy (MeV)
19
39-Y -90


MAT 3929
(p,d)
39-Y -90
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
Incident Energy (MeV)
20
39-Y -90


MAT 3929
(p,α)
39-Y -90
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
21
39-Y -90


MAT 3929
(p,2α)
39-Y -90
Radionuclide Production Cross Section
36-Kr-83g
36-Kr-83m2
Cross Section (barns)
Incident Energy (MeV)
22
39-Y -90


MAT 3929
(p,p) α
39-Y -90
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9
10^1
2 3 4 5 6 7 8 9
10^2
2
23
Incident Energy (MeV)
39-Y -90


MAT 3929
(p,p) t
39-Y -90
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
24
Incident Energy (MeV)
39-Y -90