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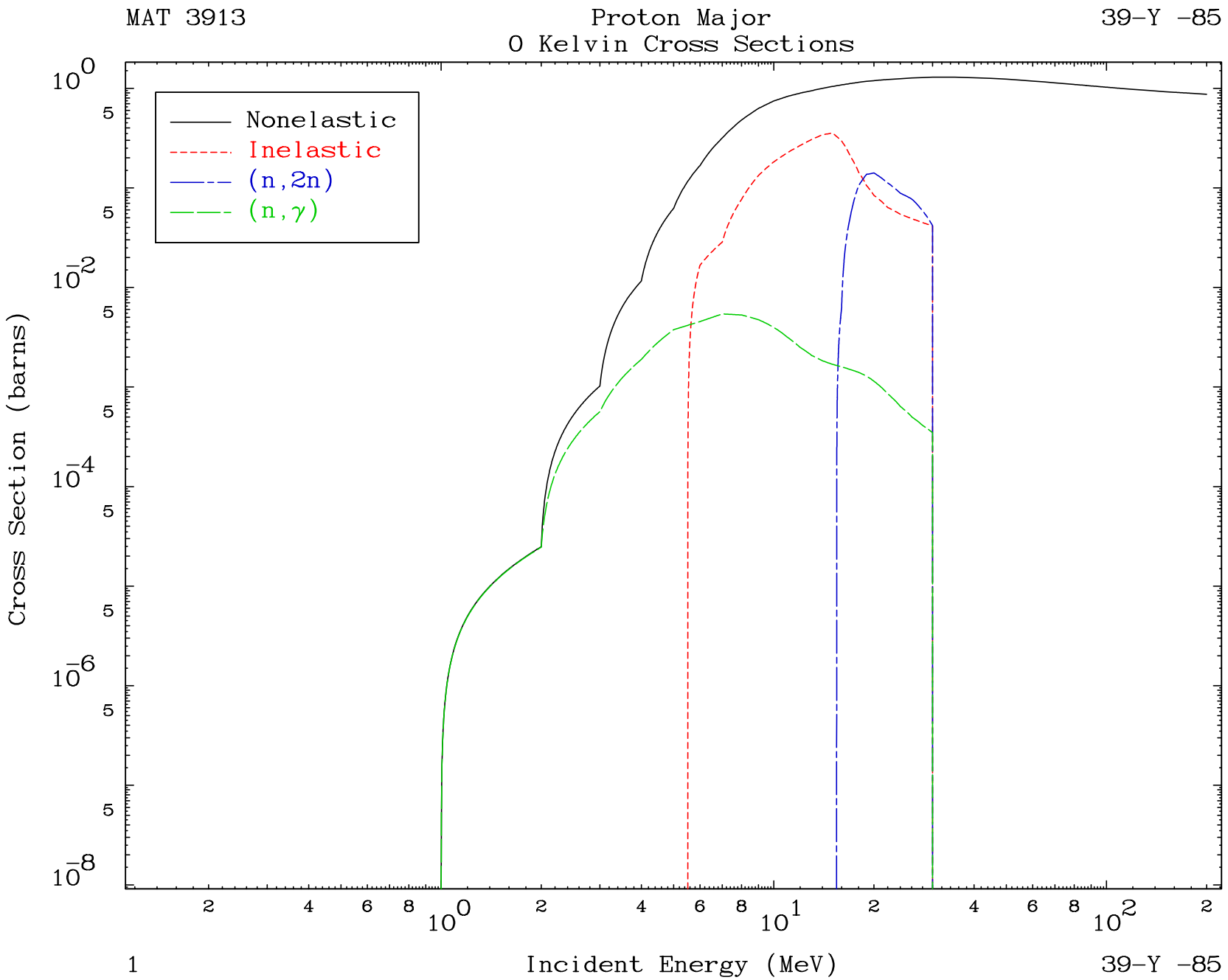
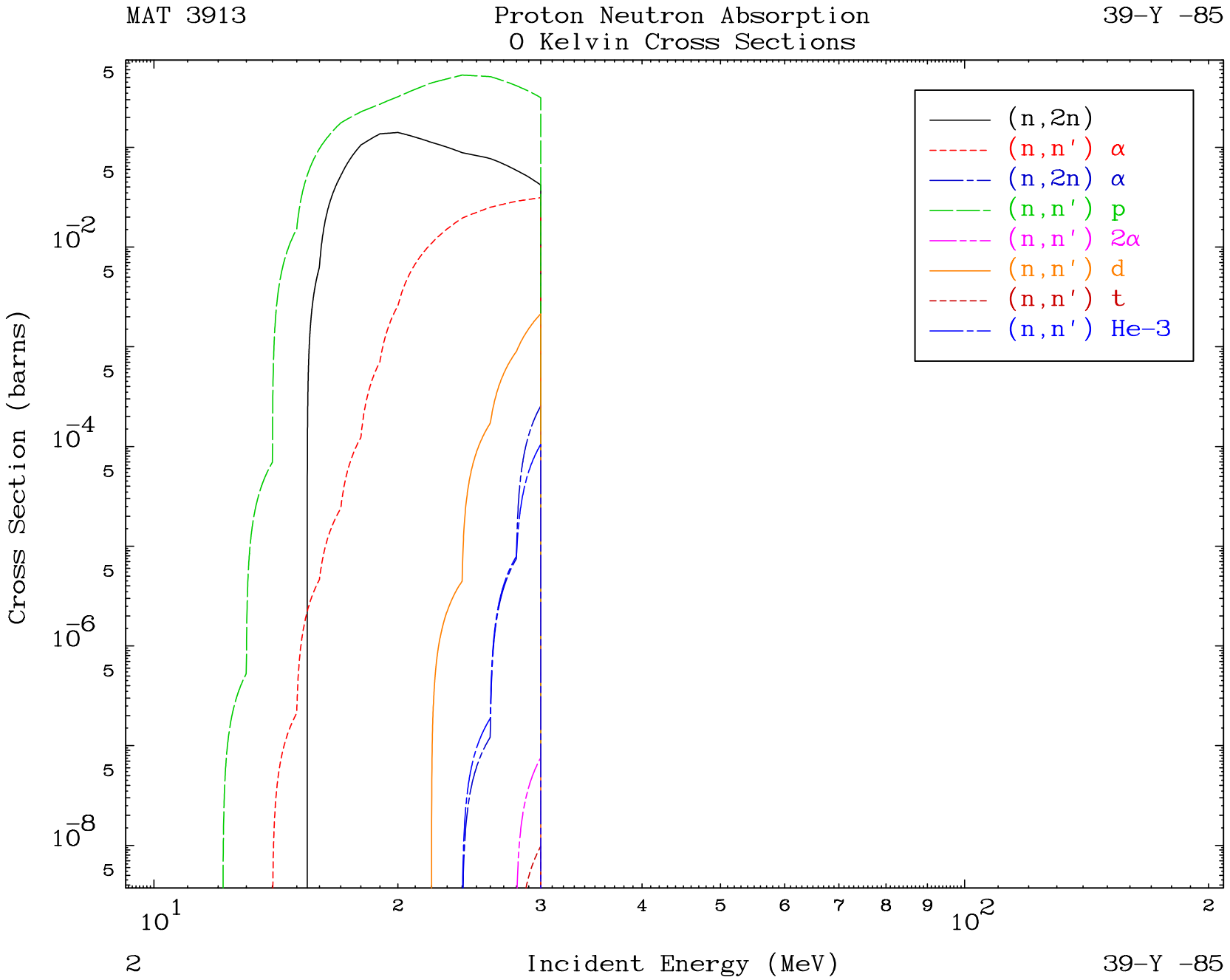
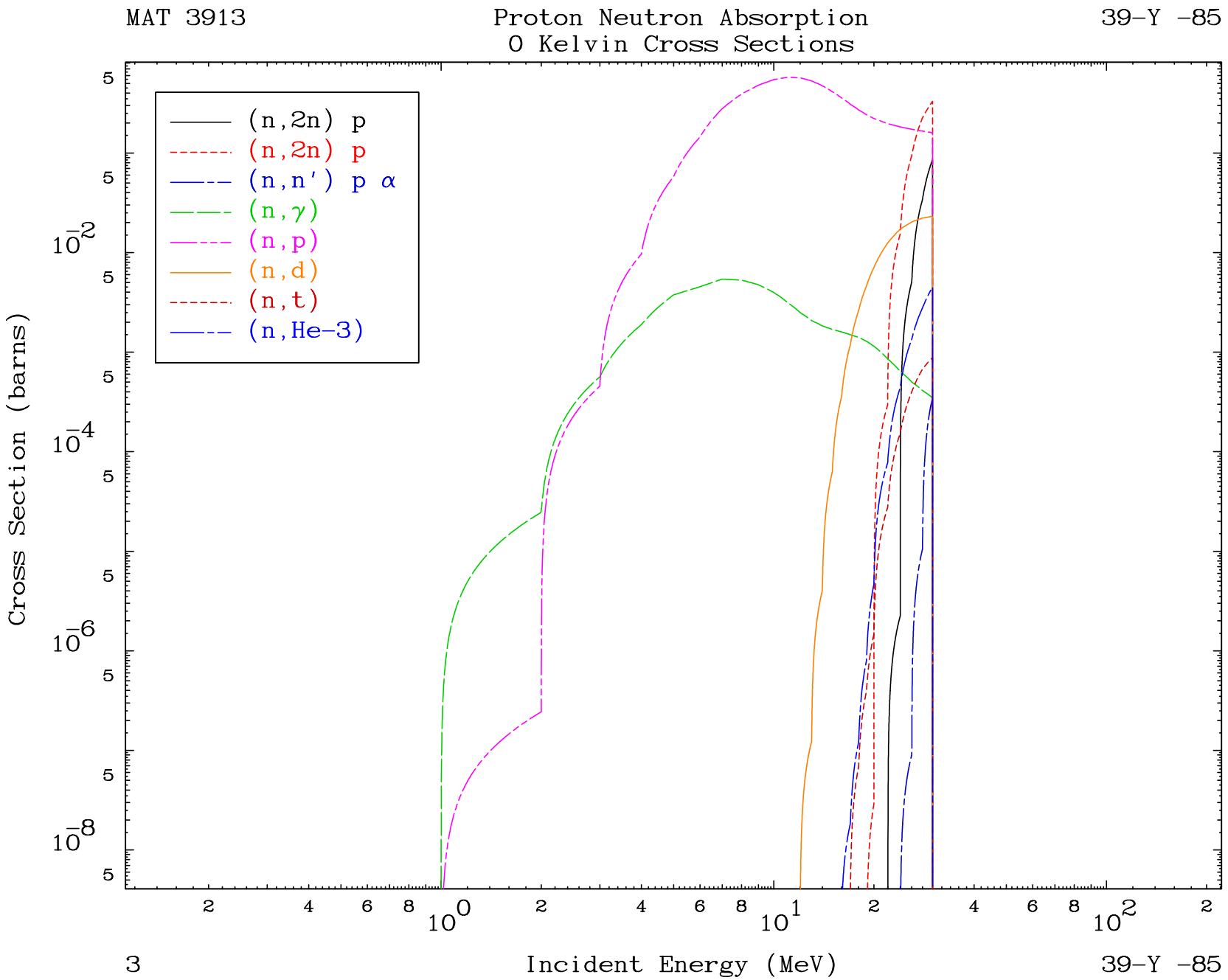
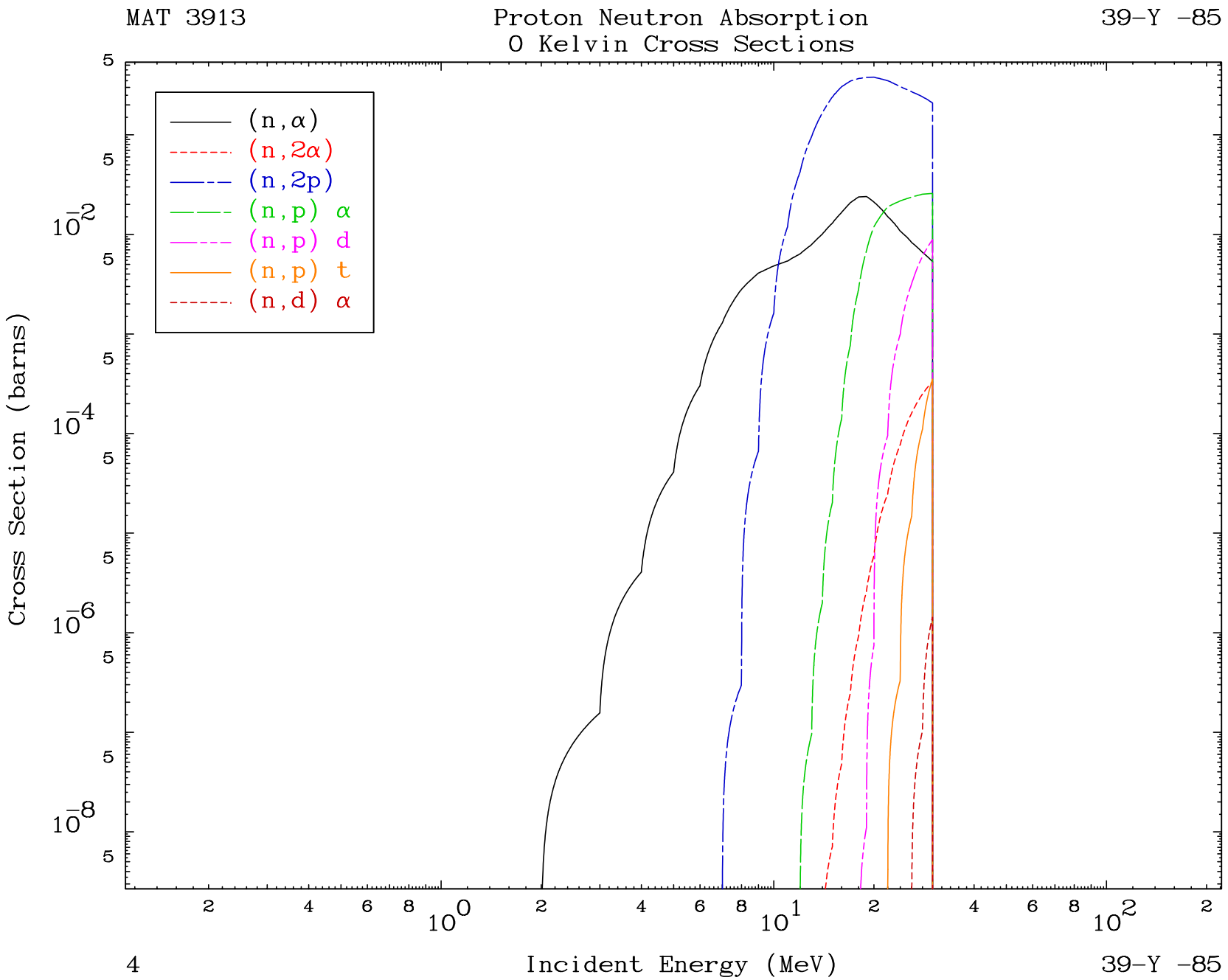
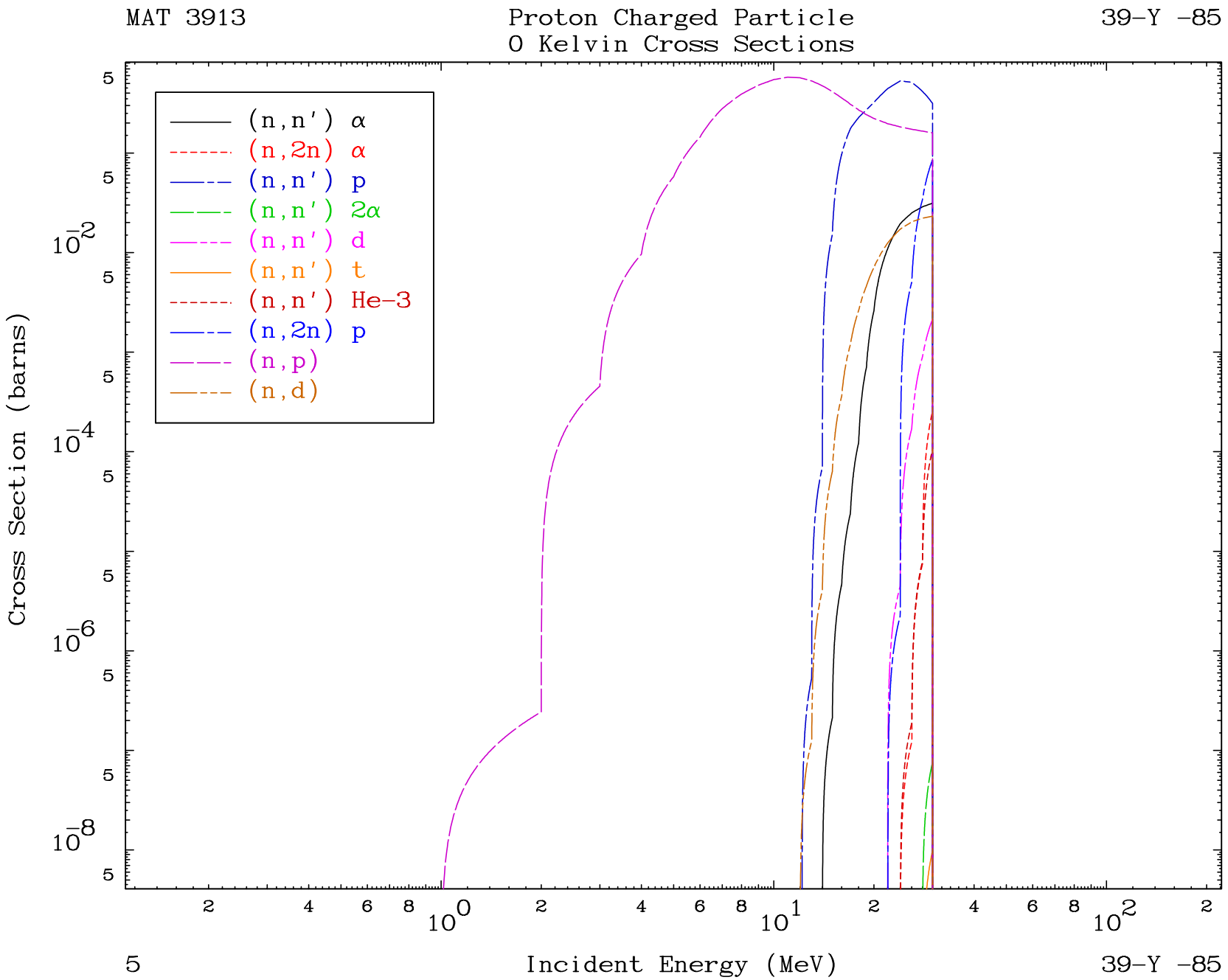
Press Mouse Button to Start

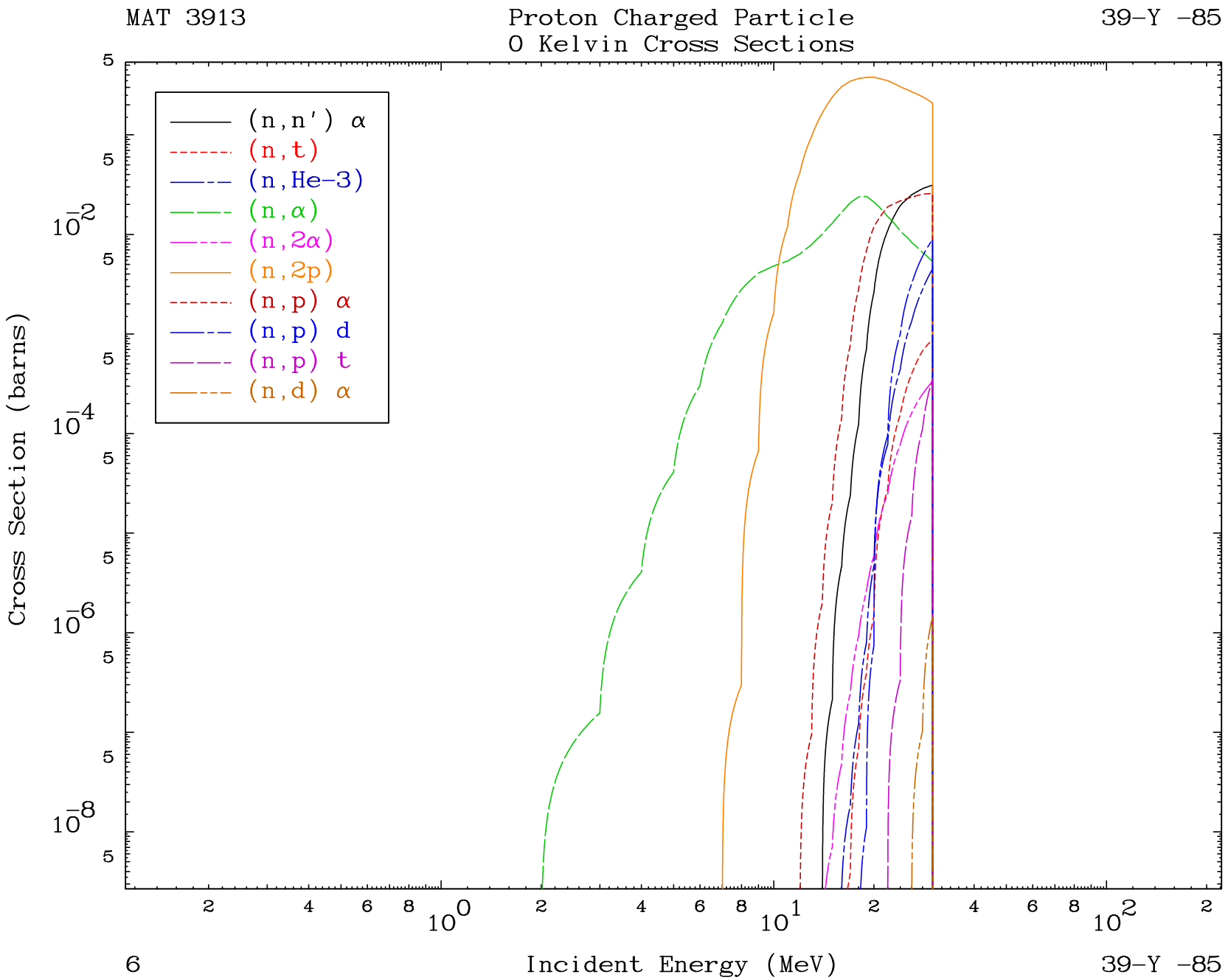

MAT 3913
Proton Major
39-Y -85
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
39-Y -85
1

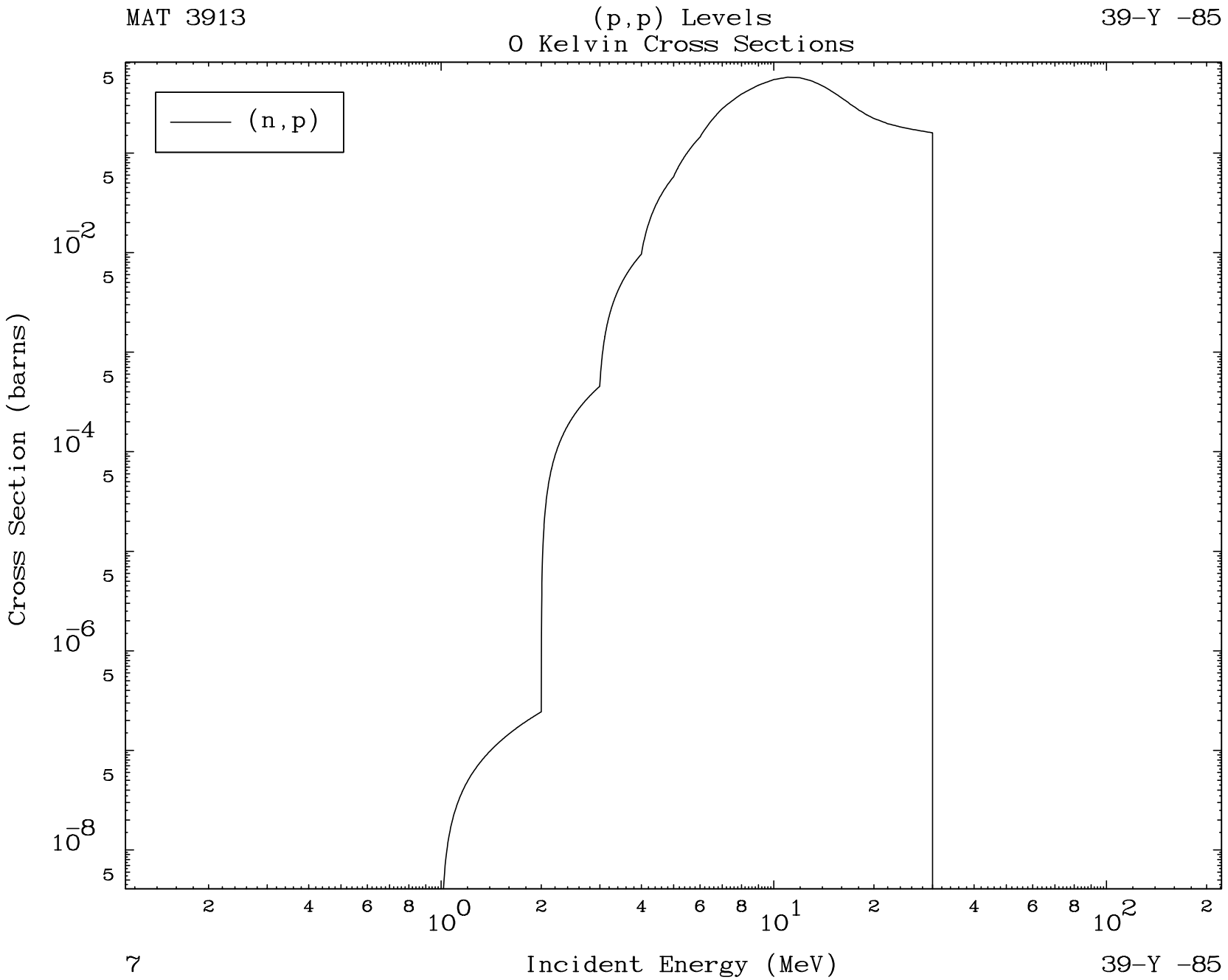

MAT 3913
Proton Neutron Absorption
0 Kelvin Cross Sections
39-Y -85
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
39-Y -85
2

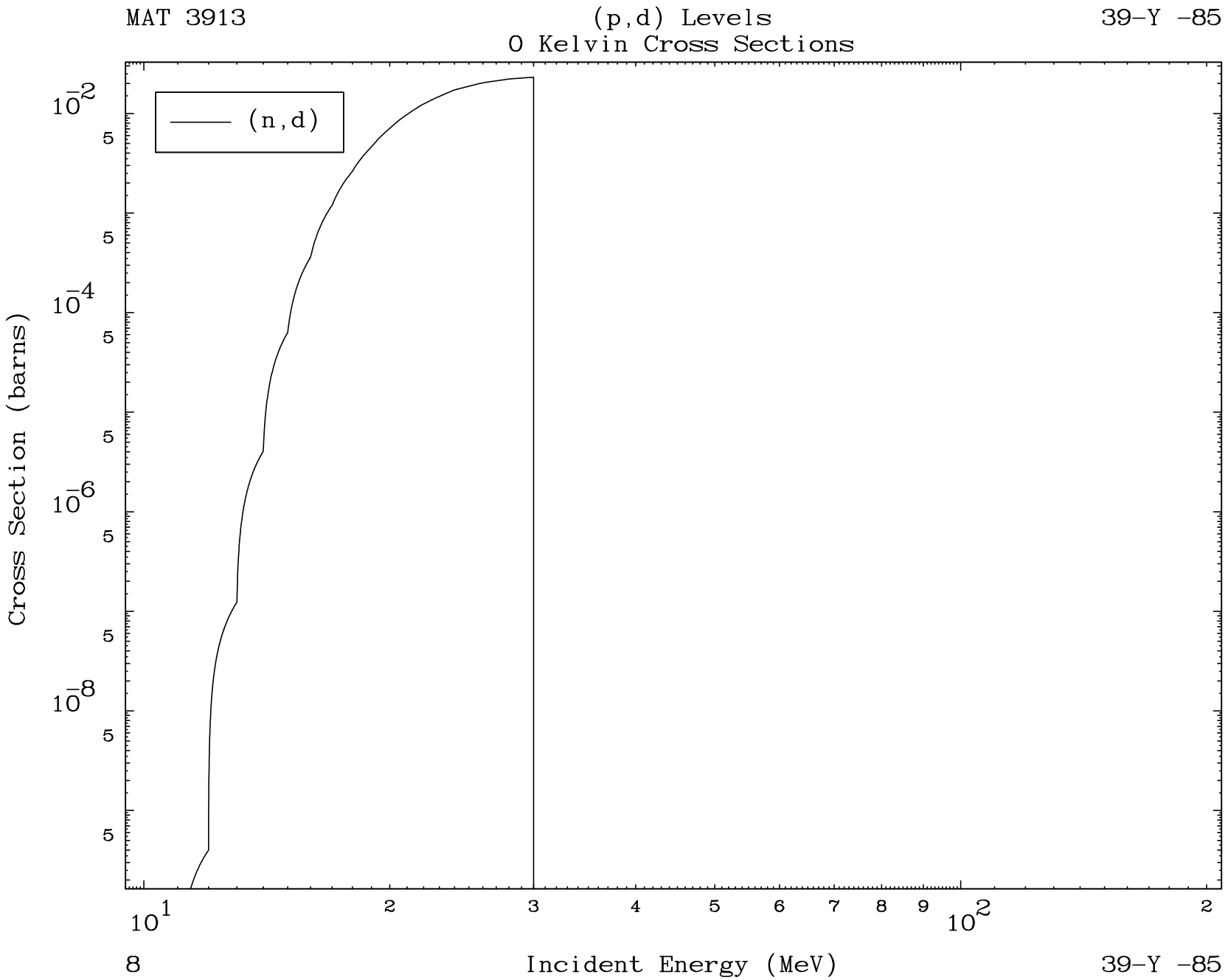

MAT 3913
Proton Neutron Absorption
0 Kelvin Cross Sections
39-Y -85
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
39-Y -85

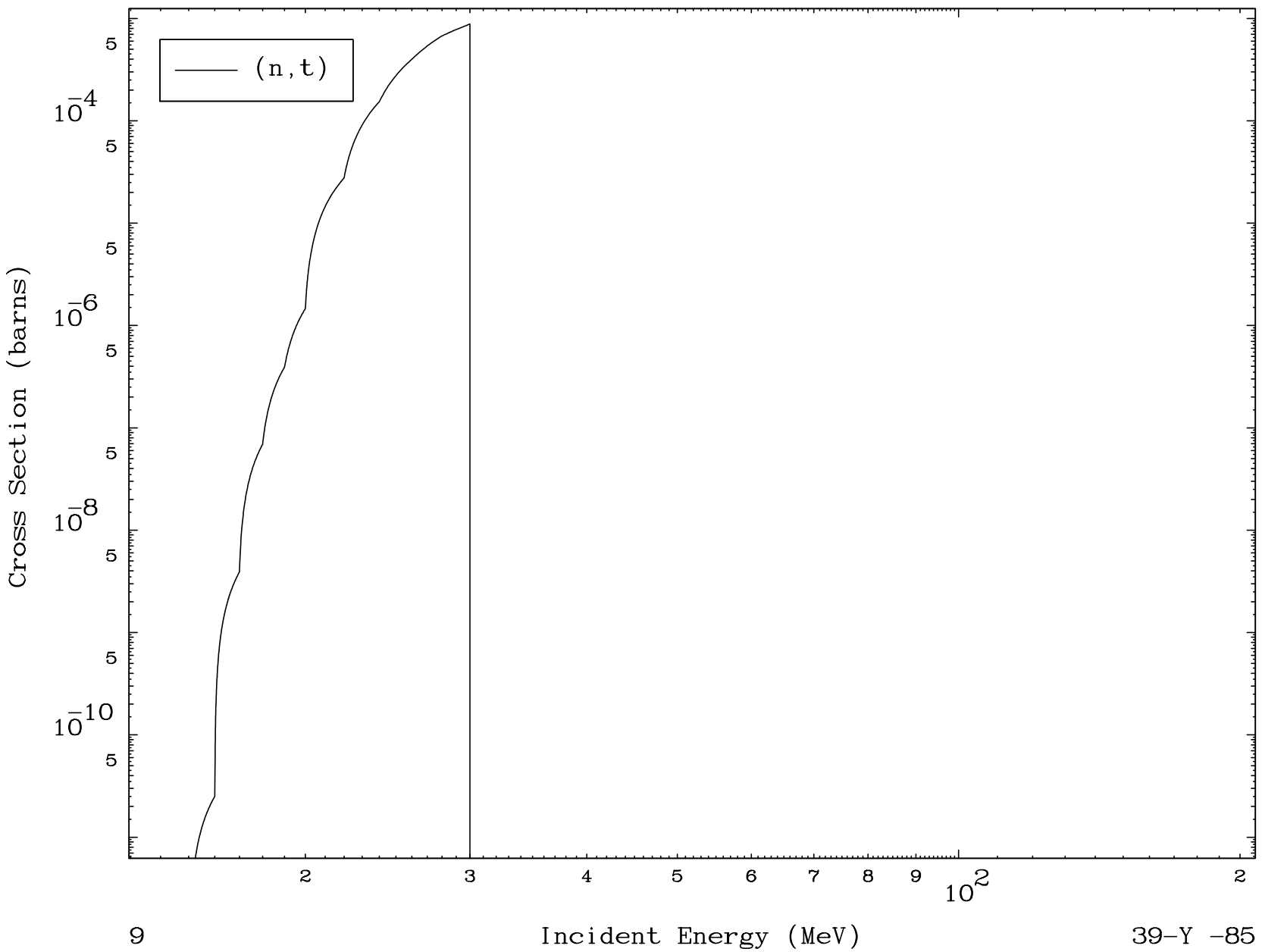

MAT 3913
Proton Neutron Absorption
0 Kelvin Cross Sections
39-Y -85
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
39-Y -85

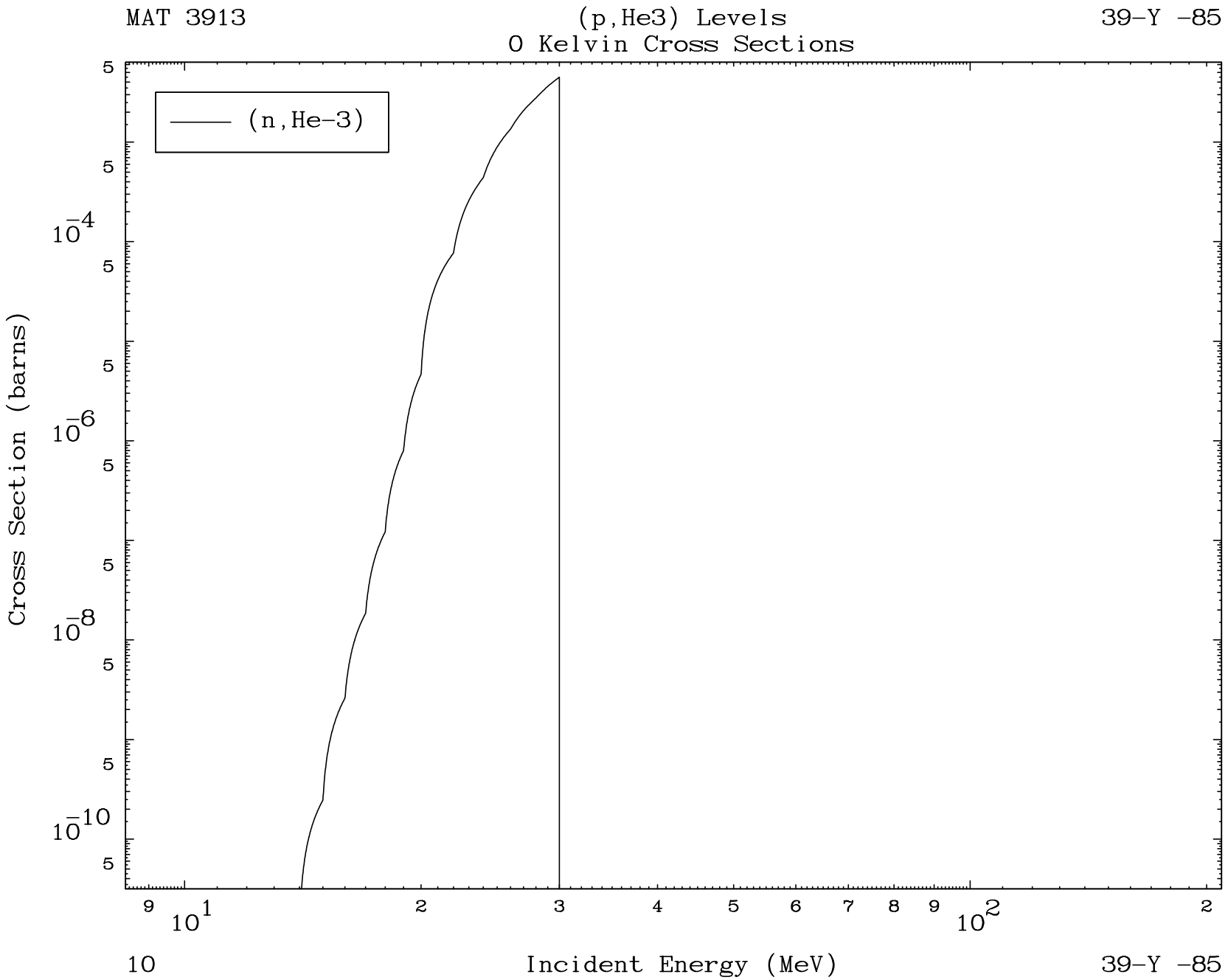

MAT 3913
Proton Charged Particle
0 Kelvin Cross Sections
39-Y -85
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
39-Y -85

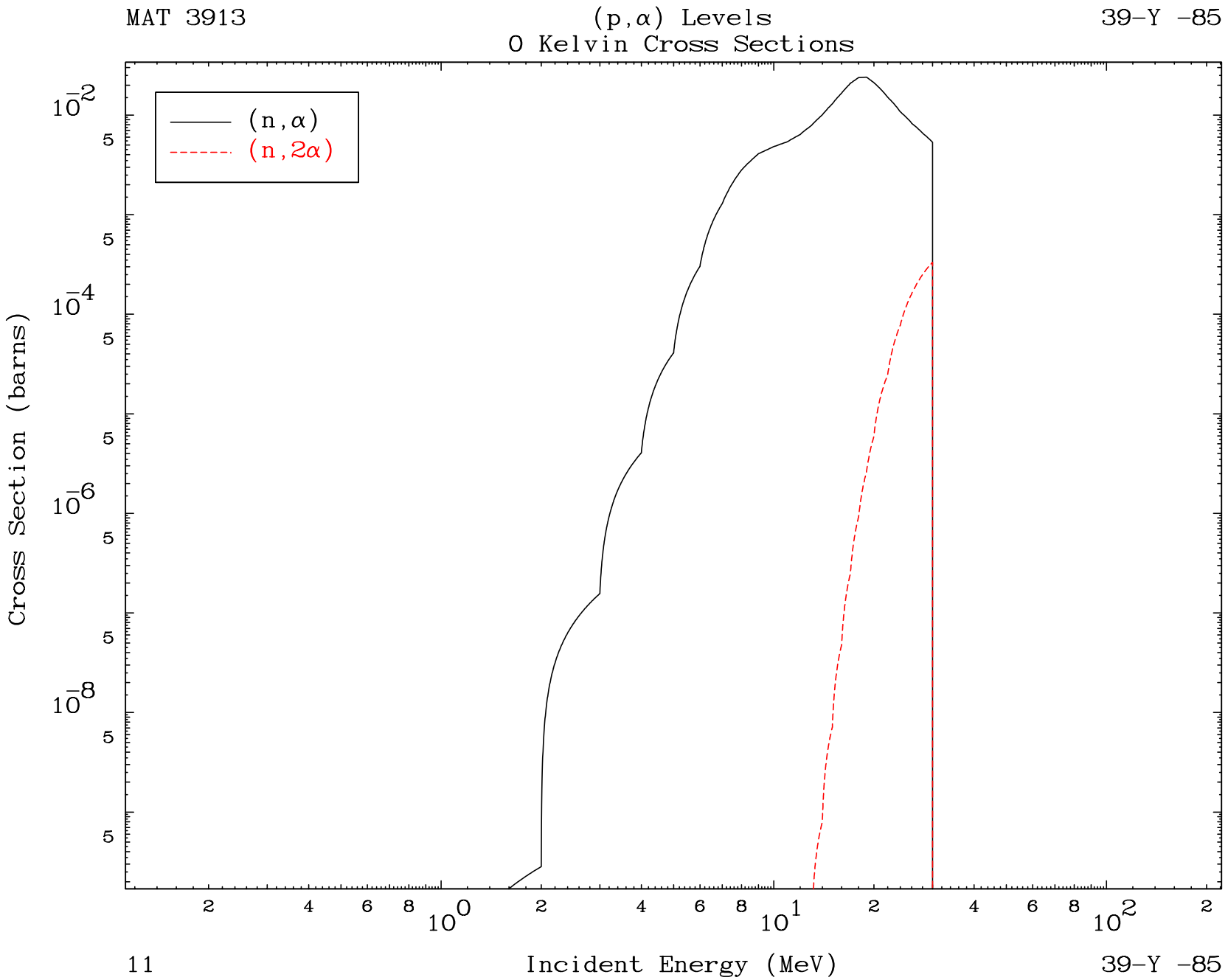

MAT 3913
Proton Charged Particle
0 Kelvin Cross Sections
39-Y -85
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
39-Y -85

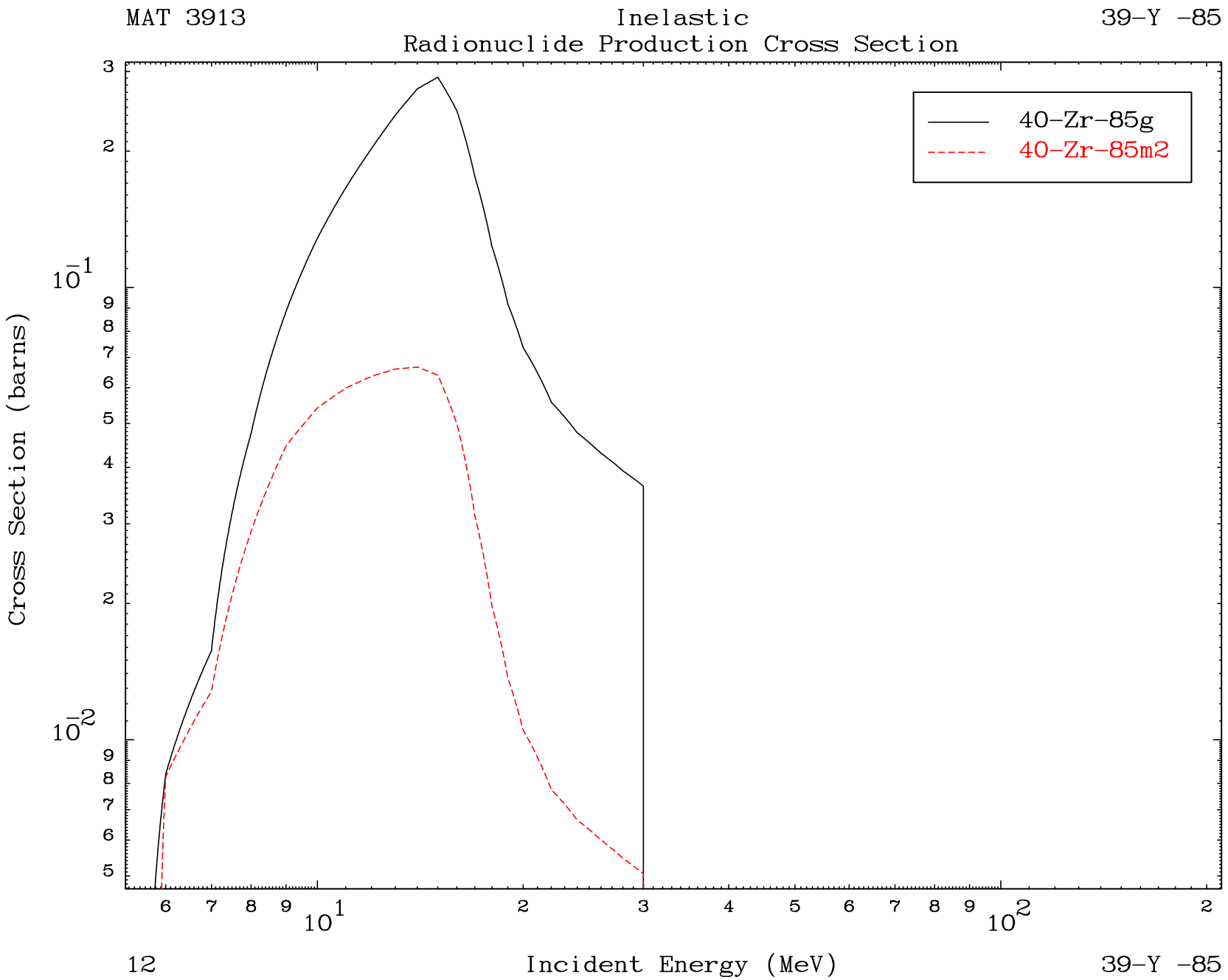

MAT 3913
(p,p) Levels
39-Y -85
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
39-Y -85

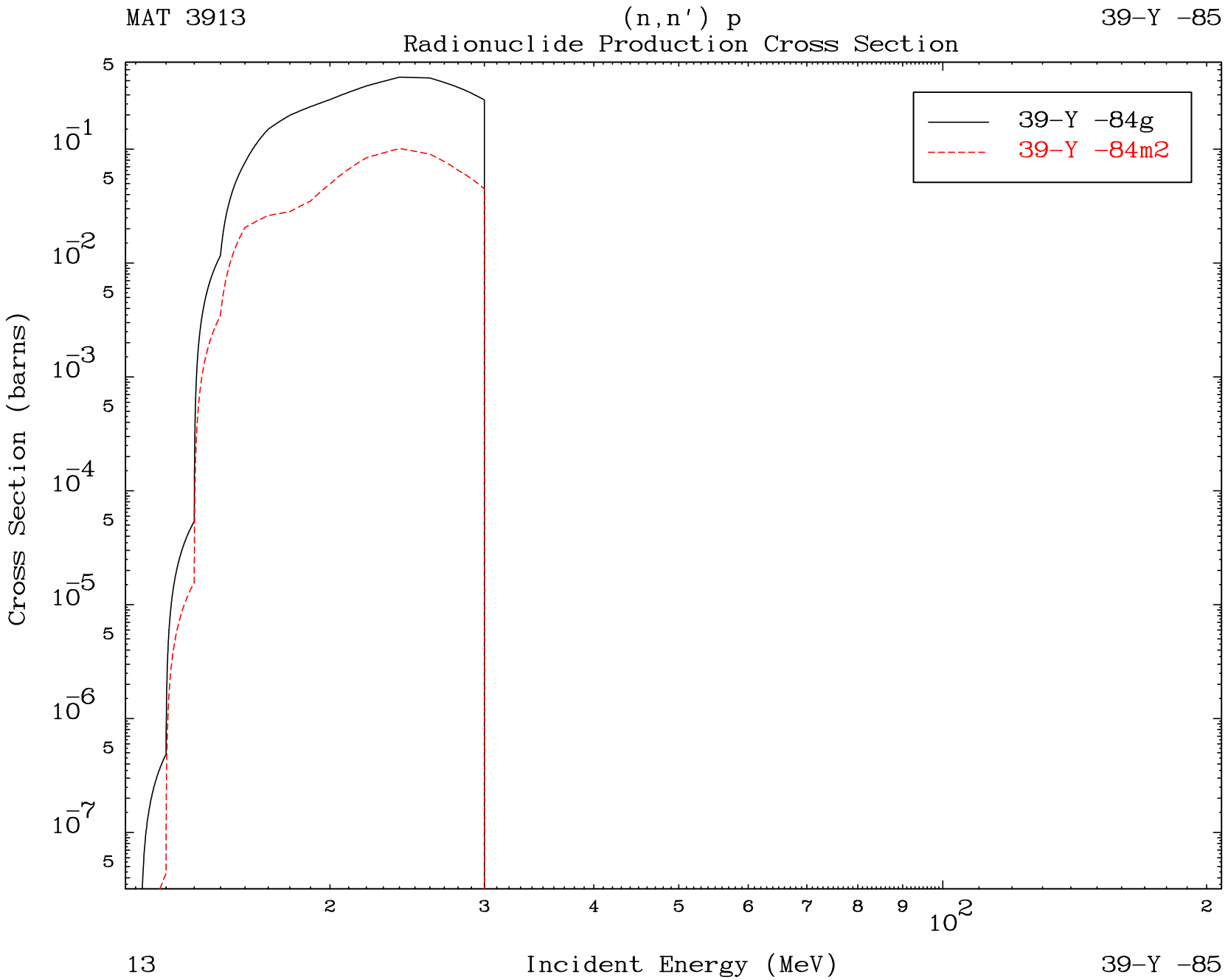

MAT 3913
(p,d) Levels
39-Y -85
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
8
39-Y -85

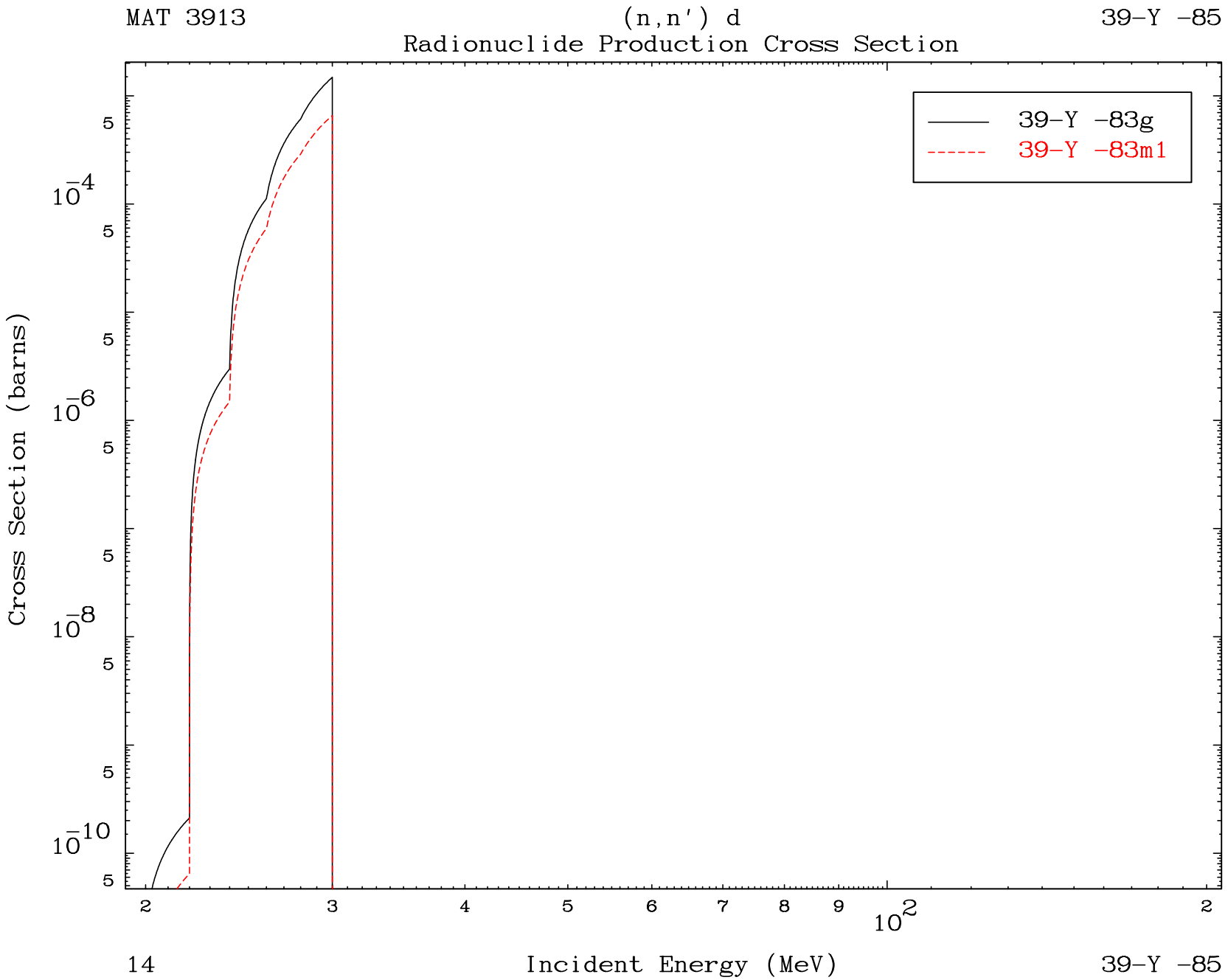

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

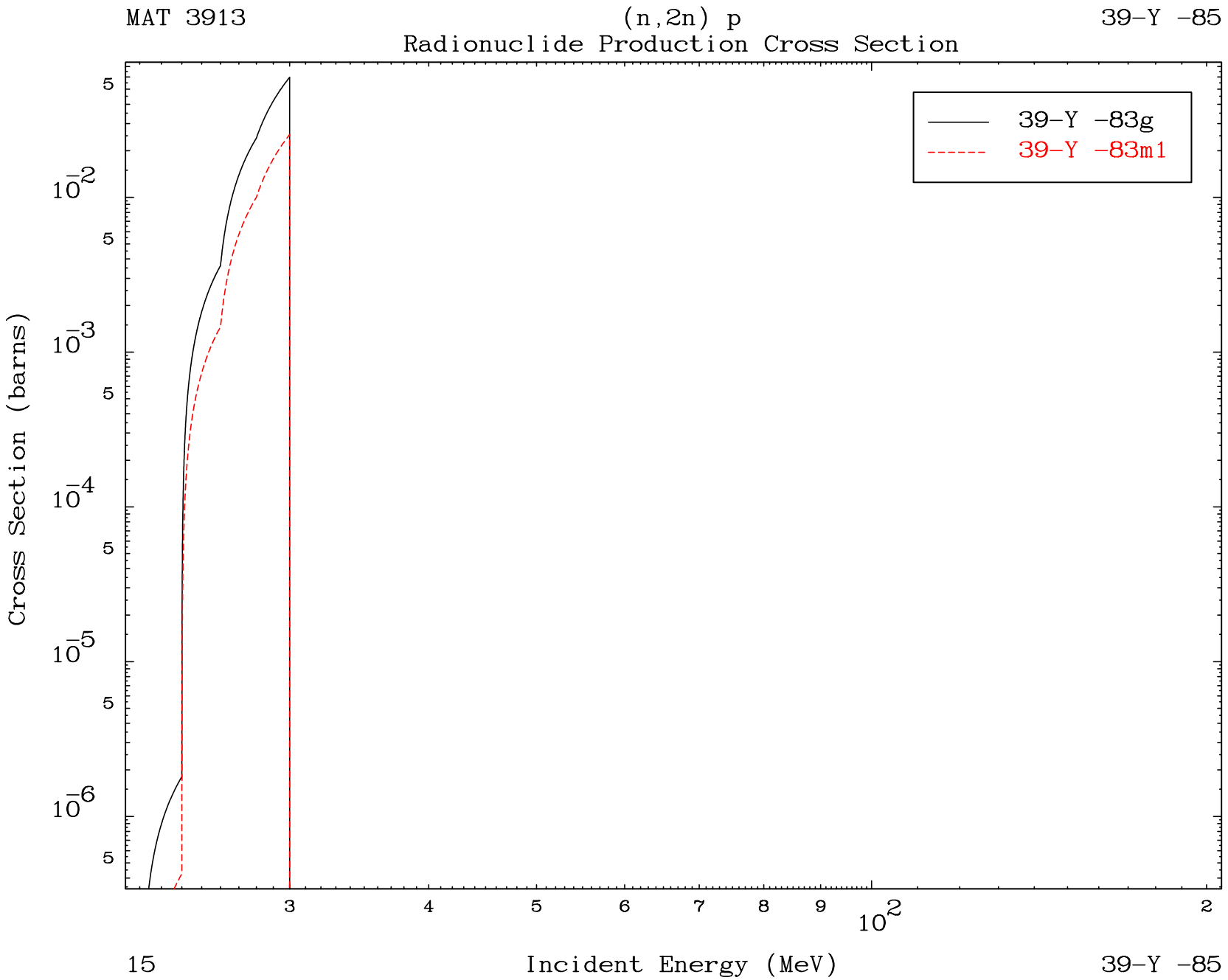

MAT 3913
(p,He3) Levels
39-Y -85
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
39-Y -85

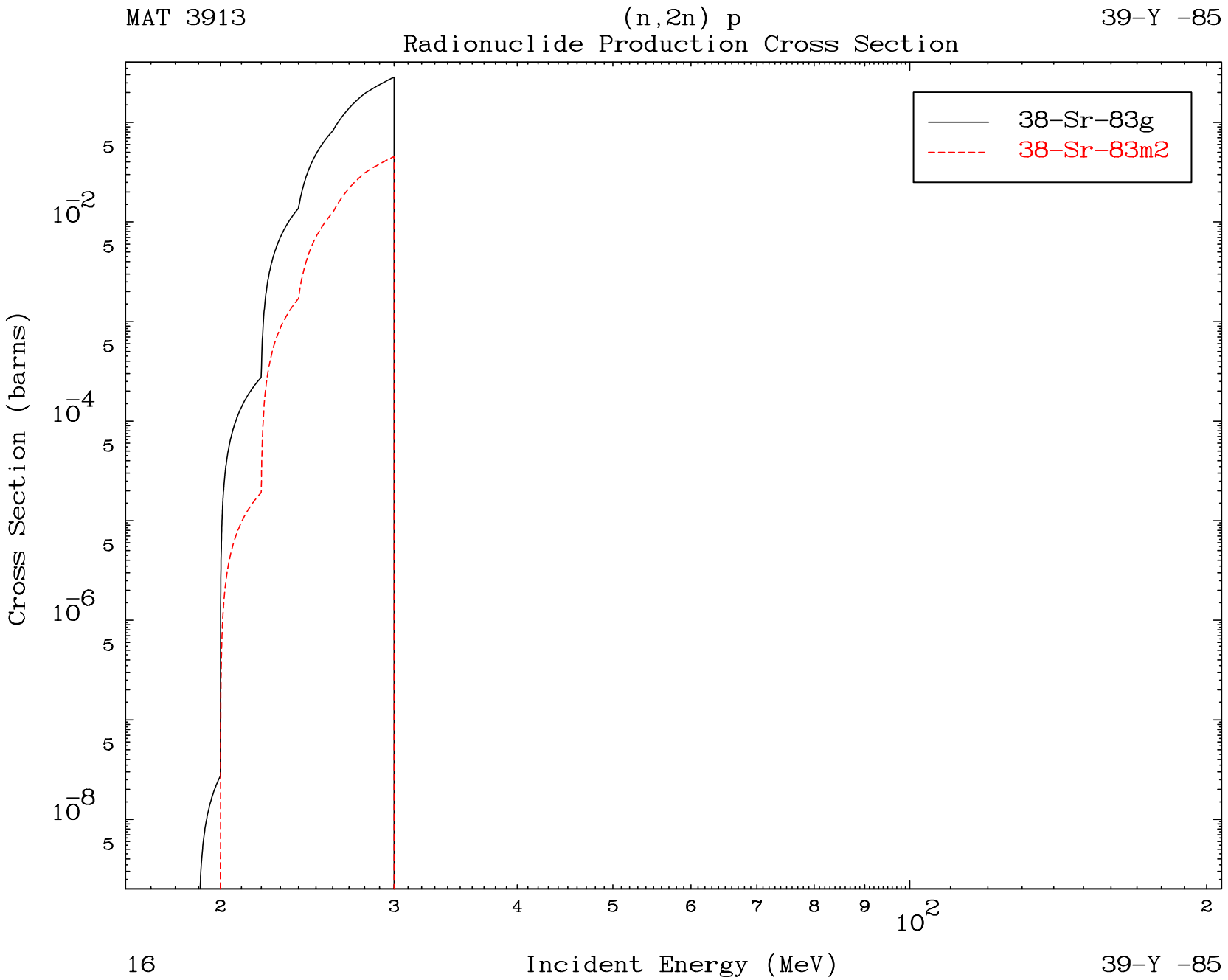

MAT 3913
(p,α) Levels
39-Y -85
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
39-Y -85

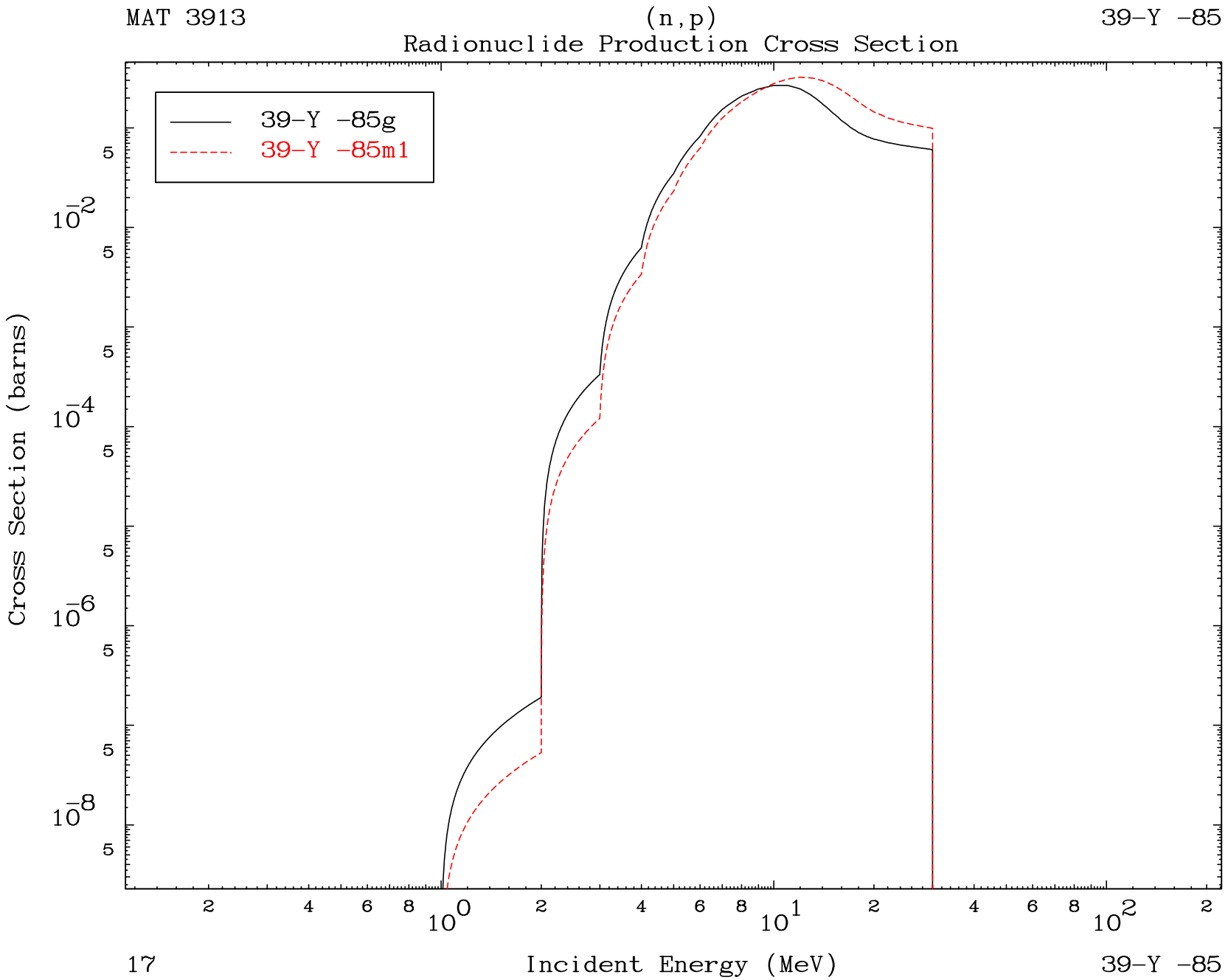

MAT 3913
Inelastic
39-Y -85
Radionuclide Production Cross Section
40-Zr-85g
40-Zr-85m2
Cross Section (barns)
Incident Energy (MeV)
12
39-Y -85

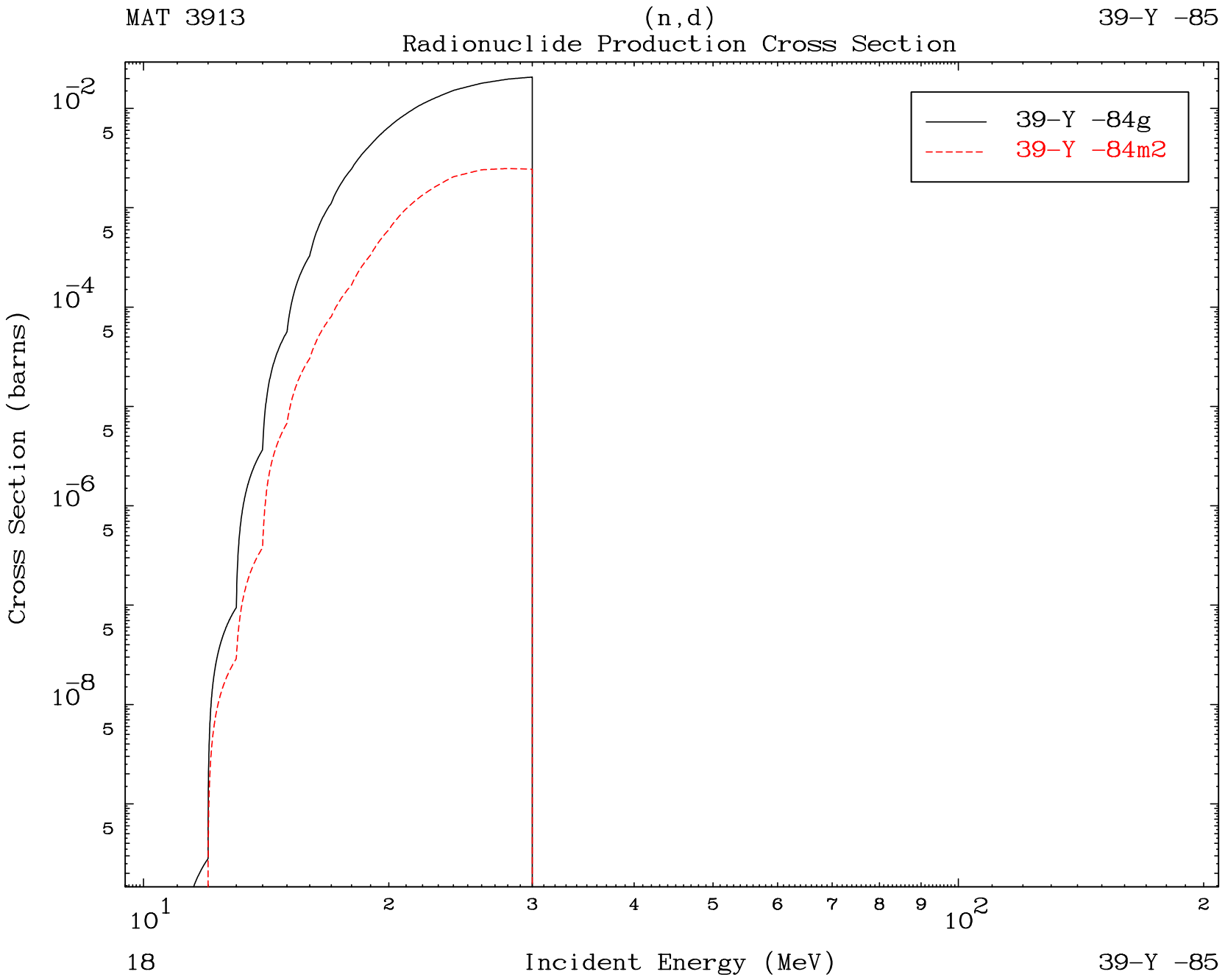

MAT 3913
(n,n') p
39-Y -85
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
Incident Energy (MeV)
13
39-Y -85

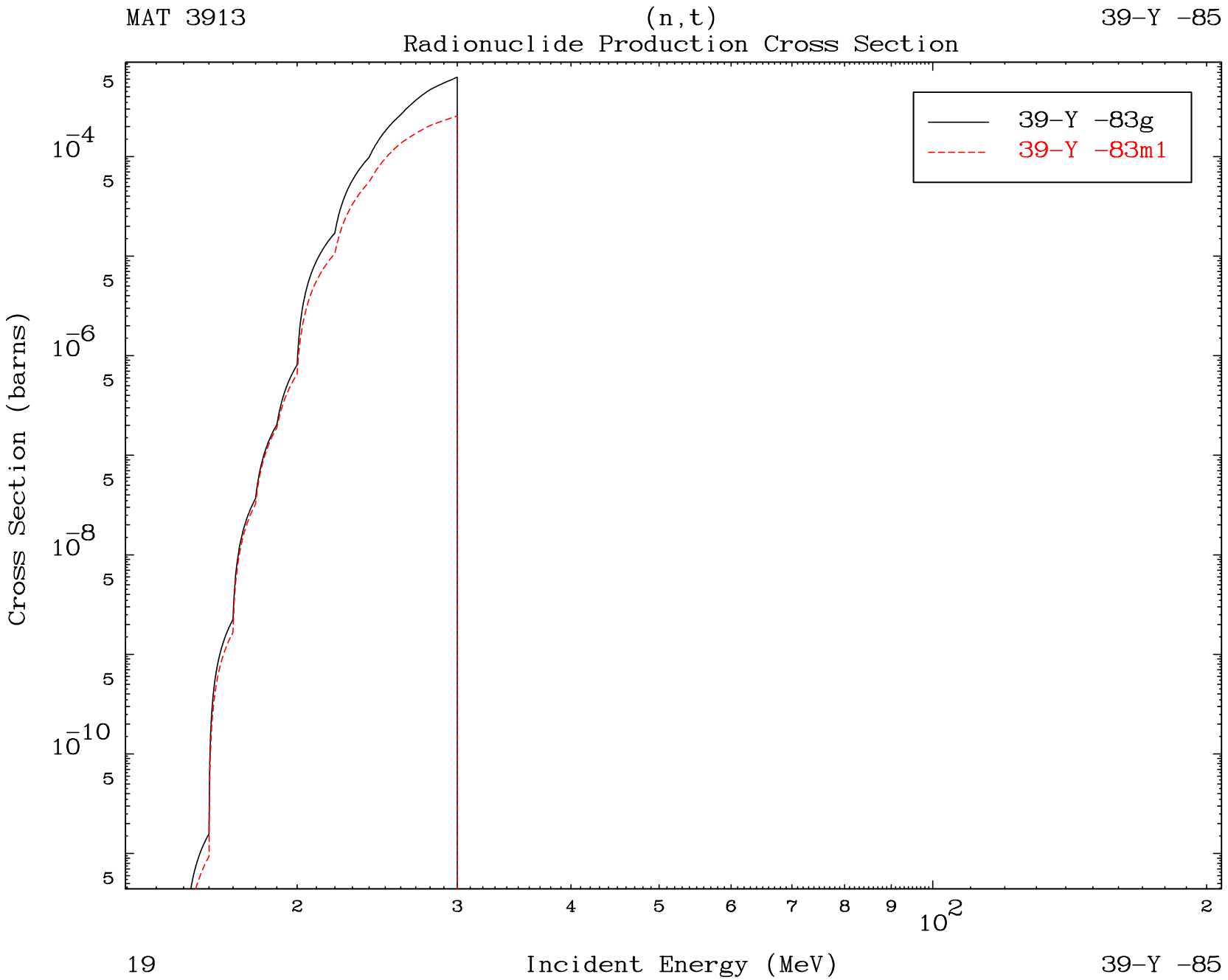

MAT 3913
(n,n') d
39-Y -85
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
39-Y -85

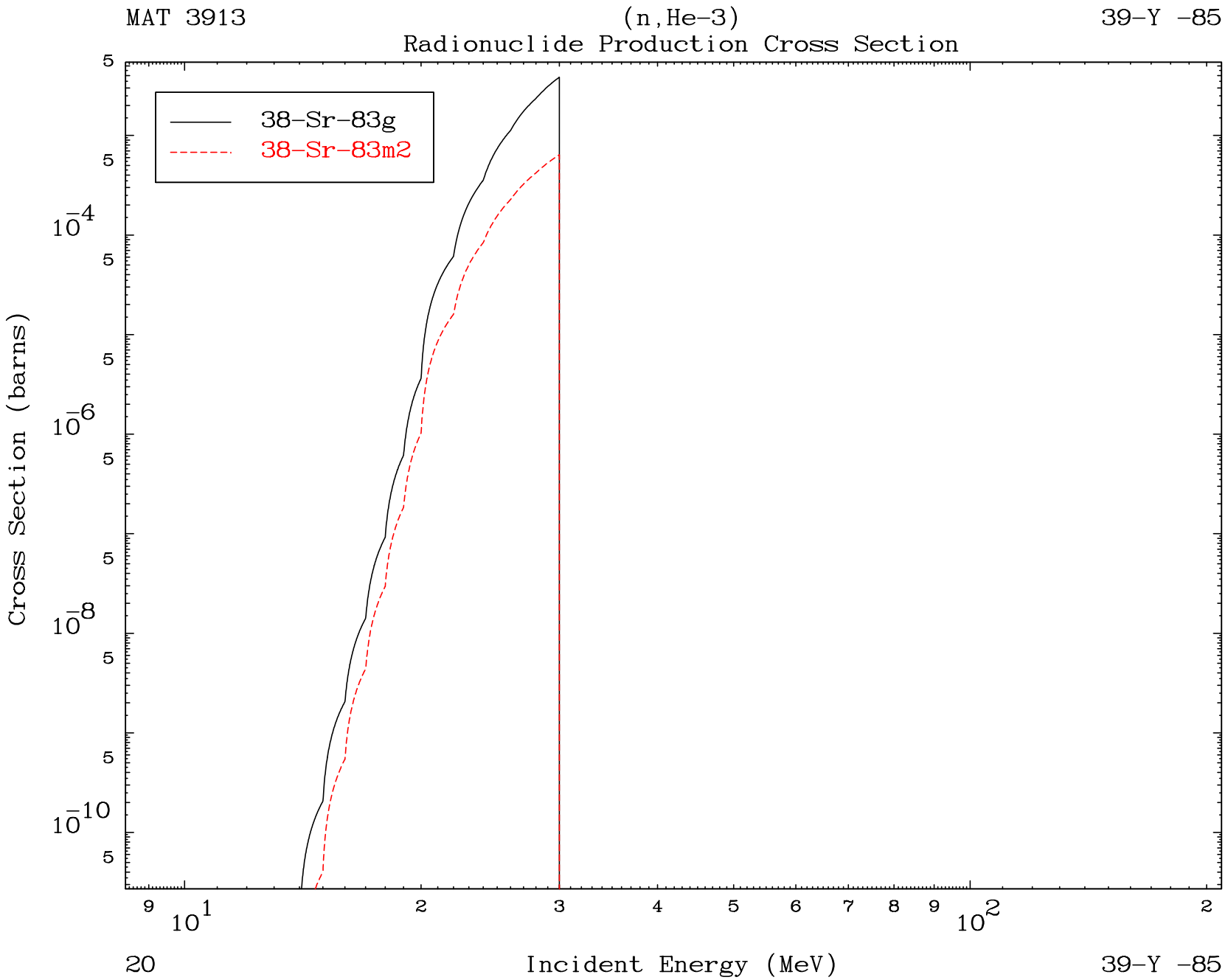

MAT 3913
(n,2n) p
39-Y -85
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
Incident Energy (MeV)
15
39-Y -85

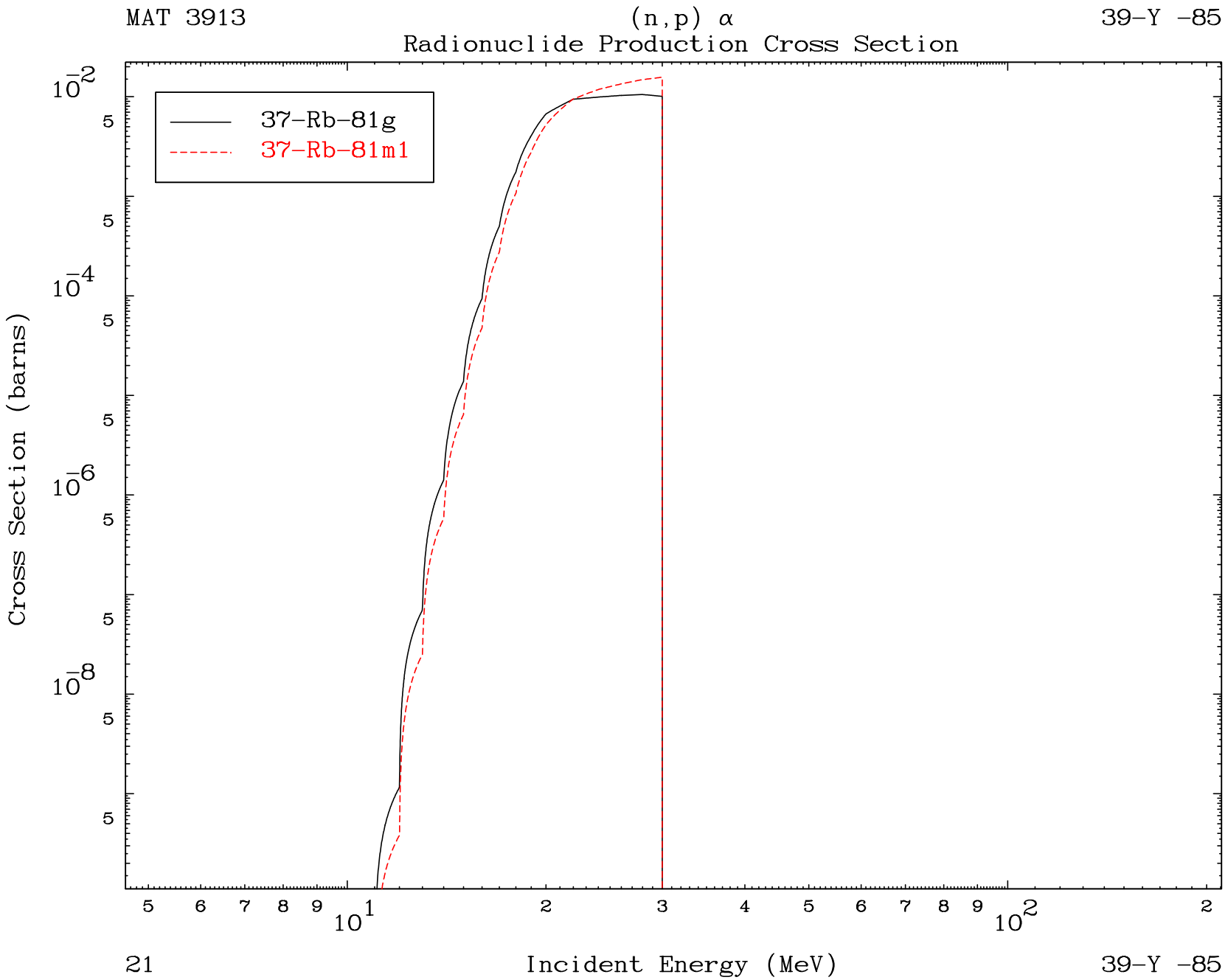

MAT 3913
(n,2n) p
39-Y -85
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10+2
Incident Energy (MeV)
16
39-Y -85

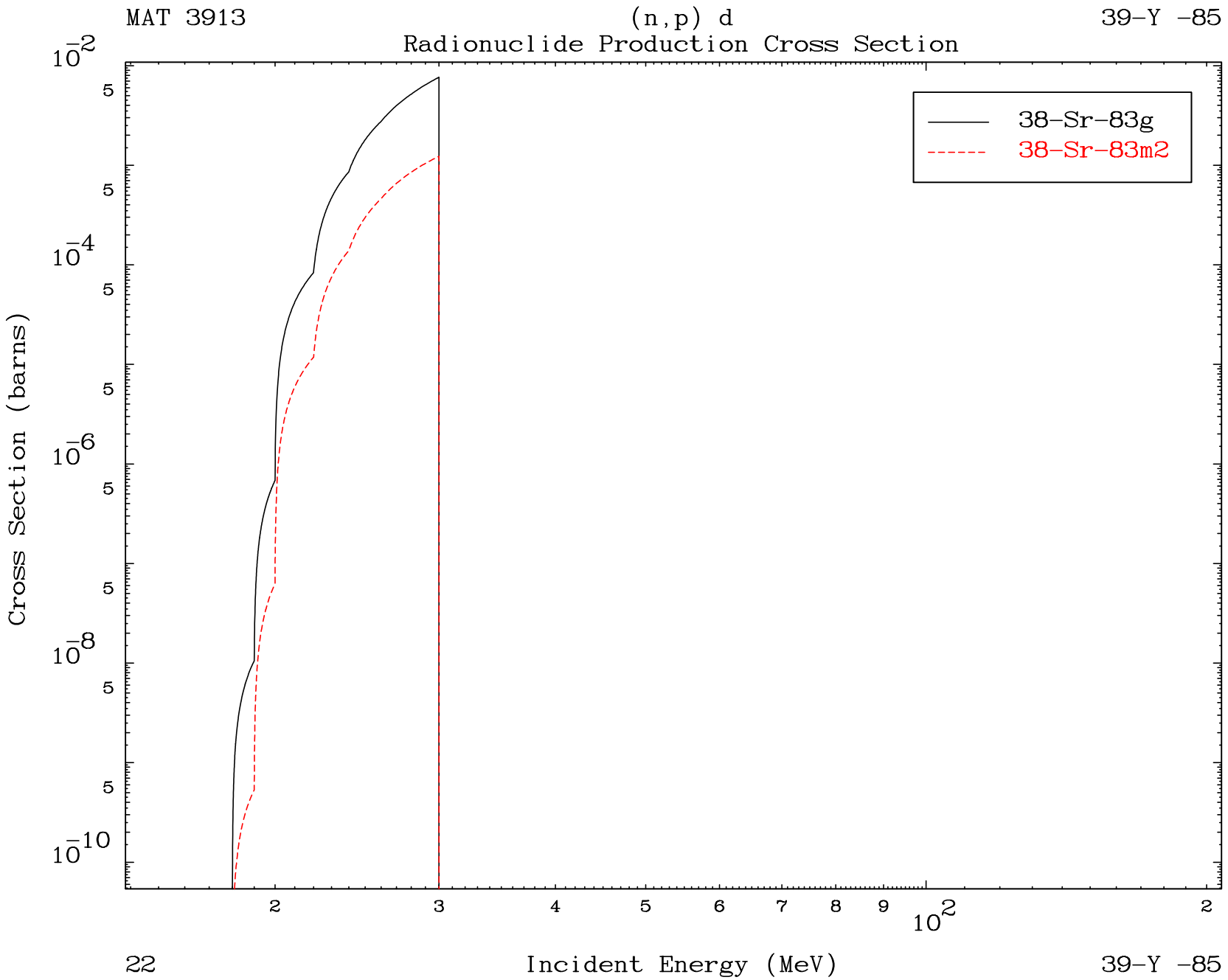

MAT 3913
(n,p)
39-Y -85
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
17
39-Y -85


MAT 3913
(n,d)
39-Y -85
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
Incident Energy (MeV)
18
39-Y -85


MAT 3913
(n,t)
39-Y -85
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
Incident Energy (MeV)
19
39-Y -85


MAT 3913
(n,He-3)
39-Y -85
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
20
39-Y -85


MAT 3913
(n,p) α
39-Y -85
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
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
21
Incident Energy (MeV)
39-Y -85


MAT 3913
(n,p) d
39-Y -85
Radionuclide Production Cross Section
38-Sr-83g
38-Sr-83m2
Cross Section (barns)
Incident Energy (MeV)
22
39-Y -85