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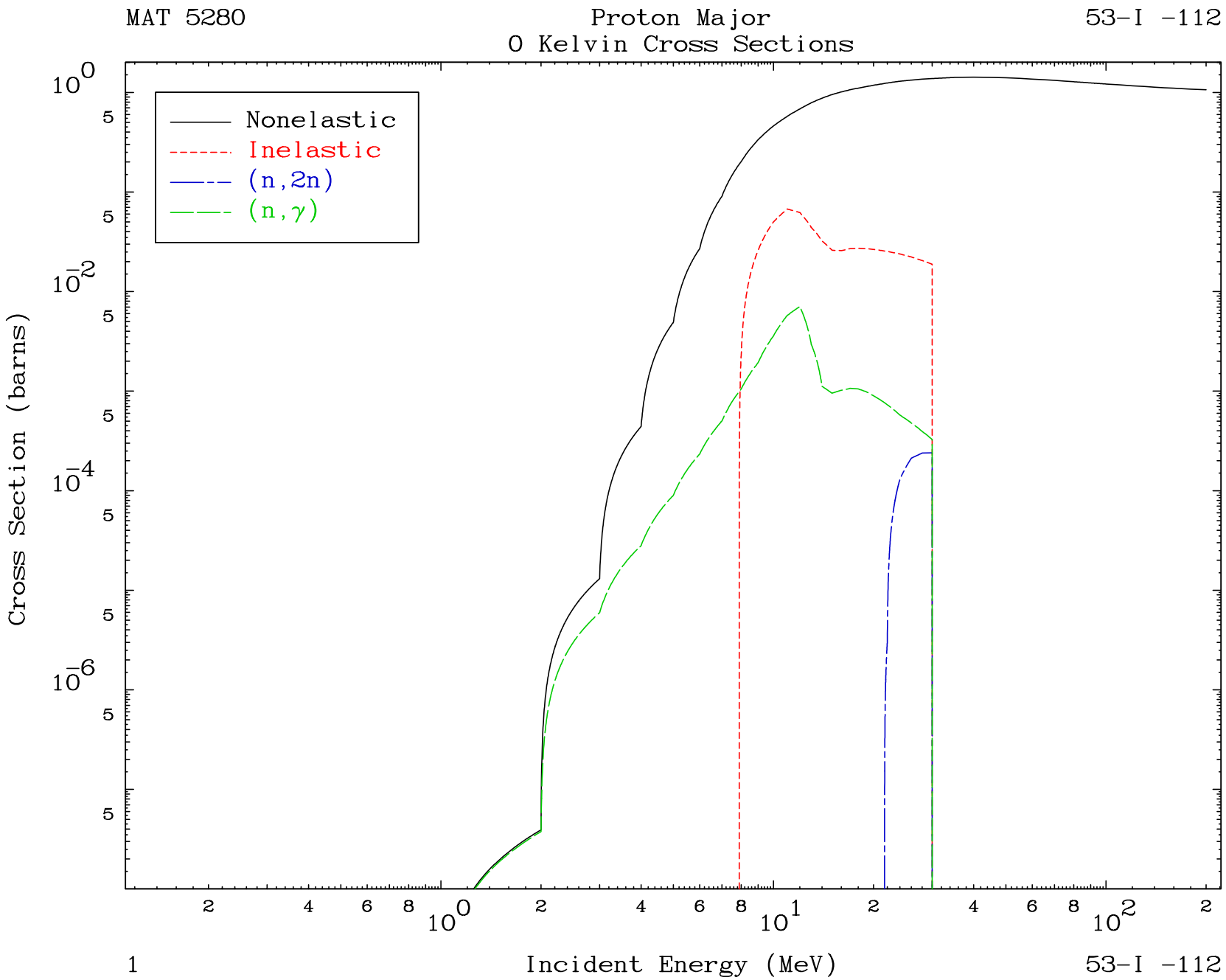
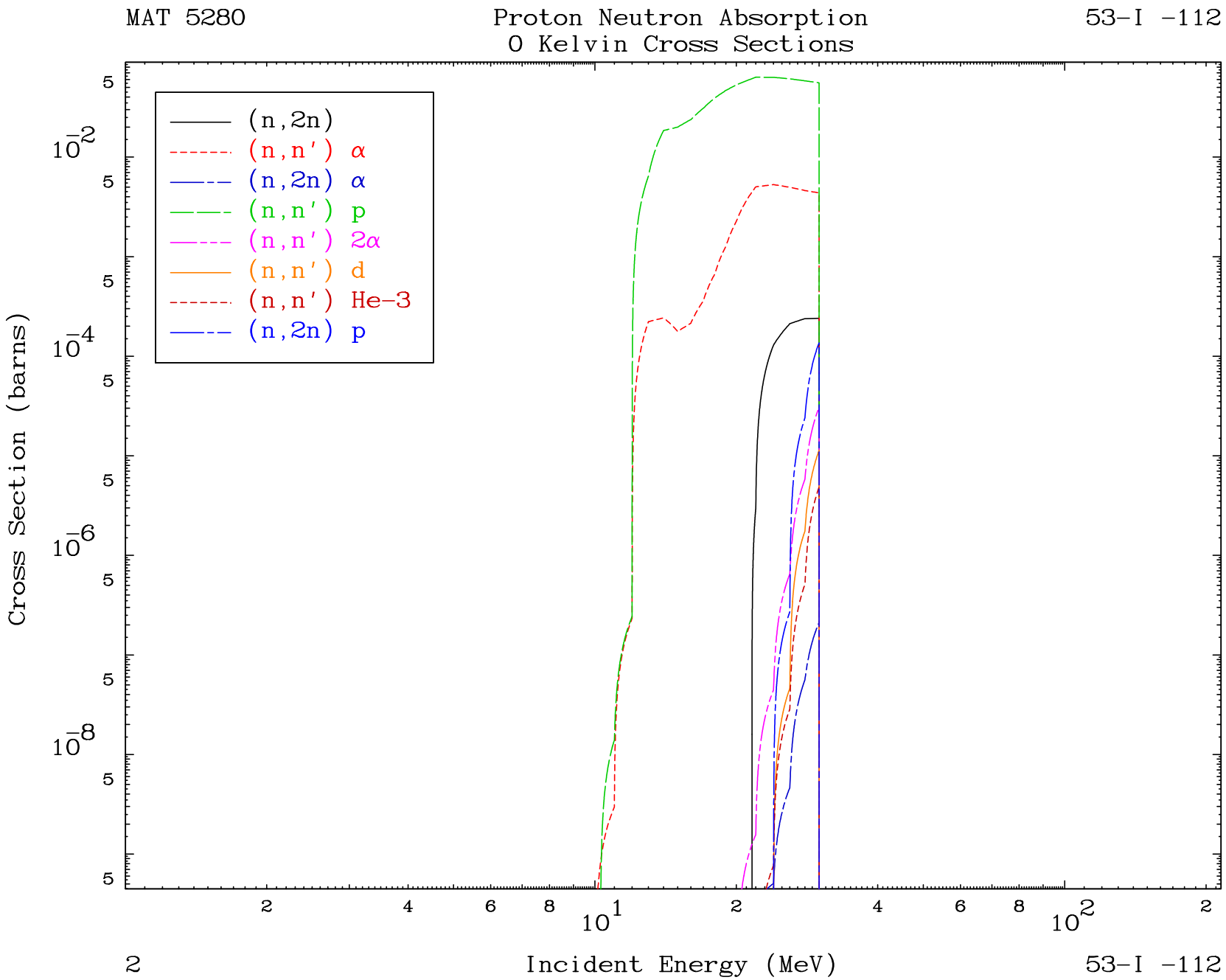
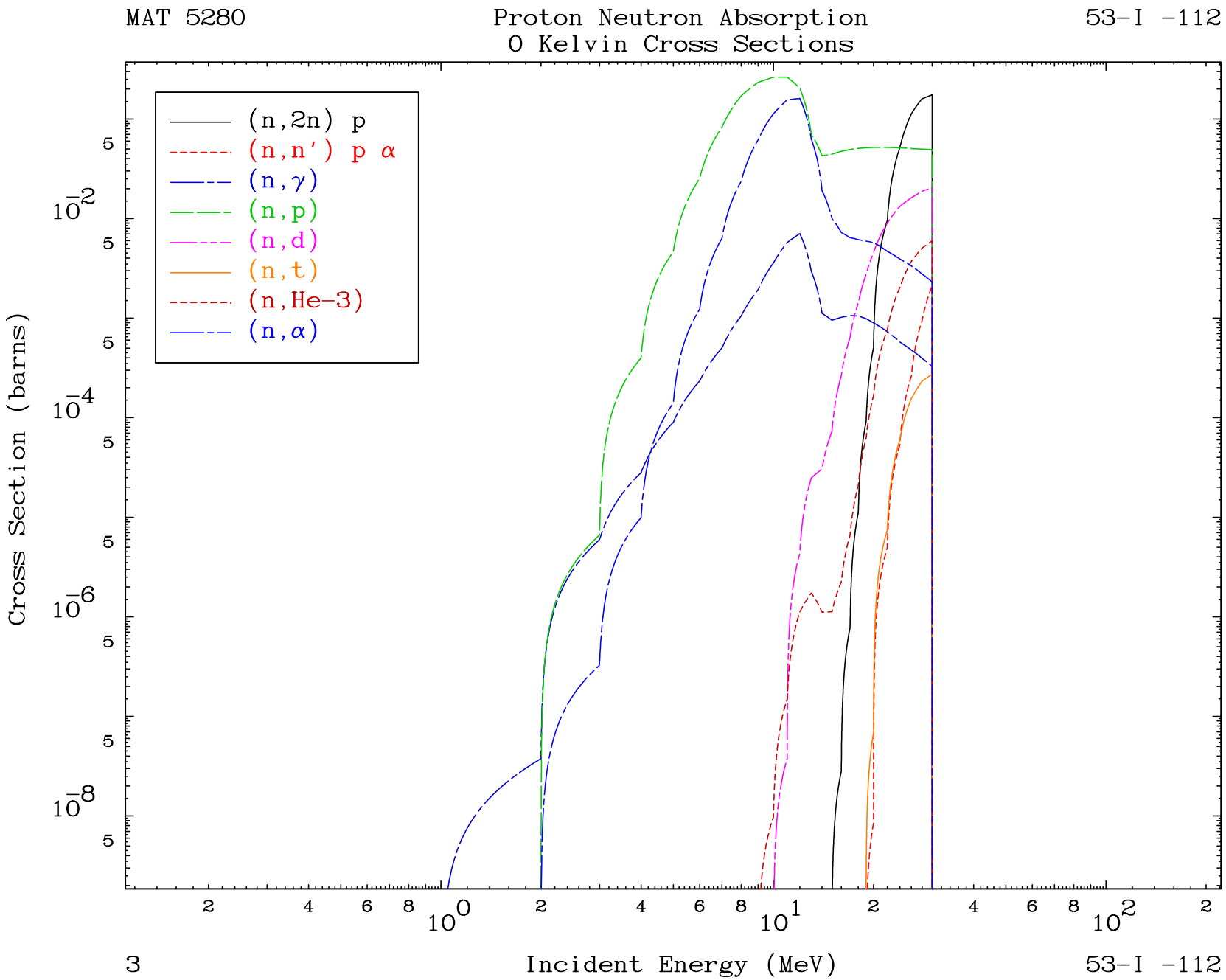
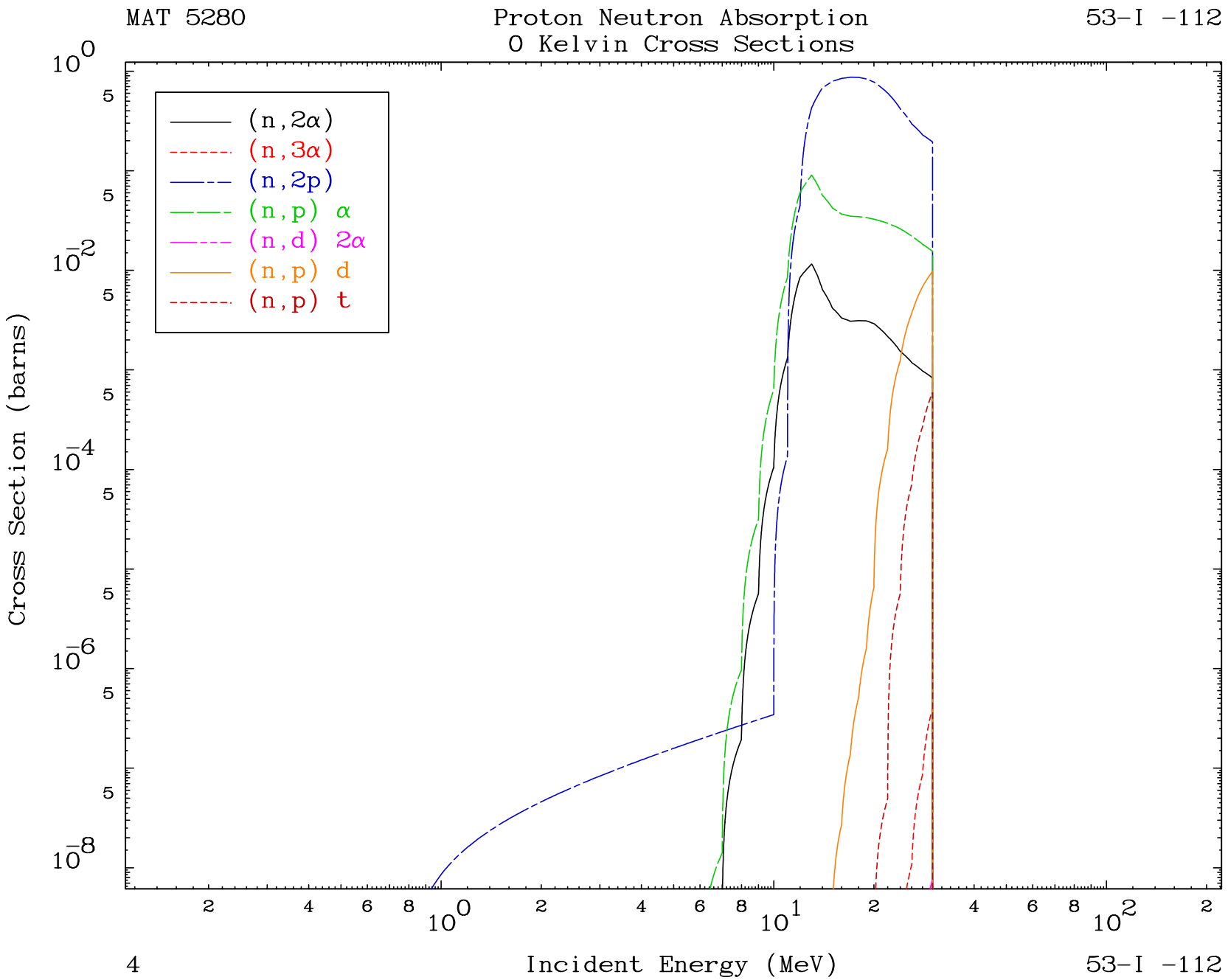
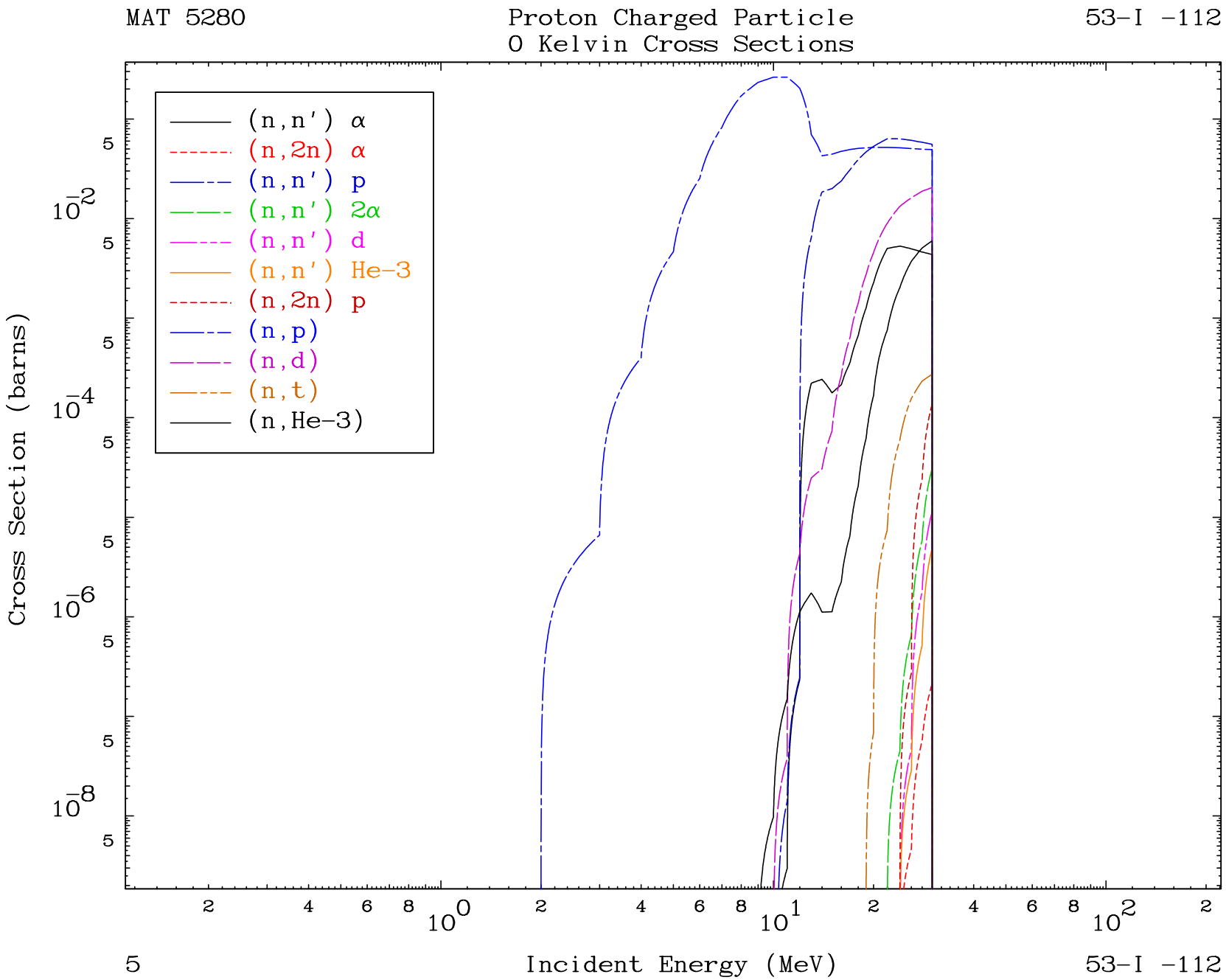
Press Mouse Button to Start

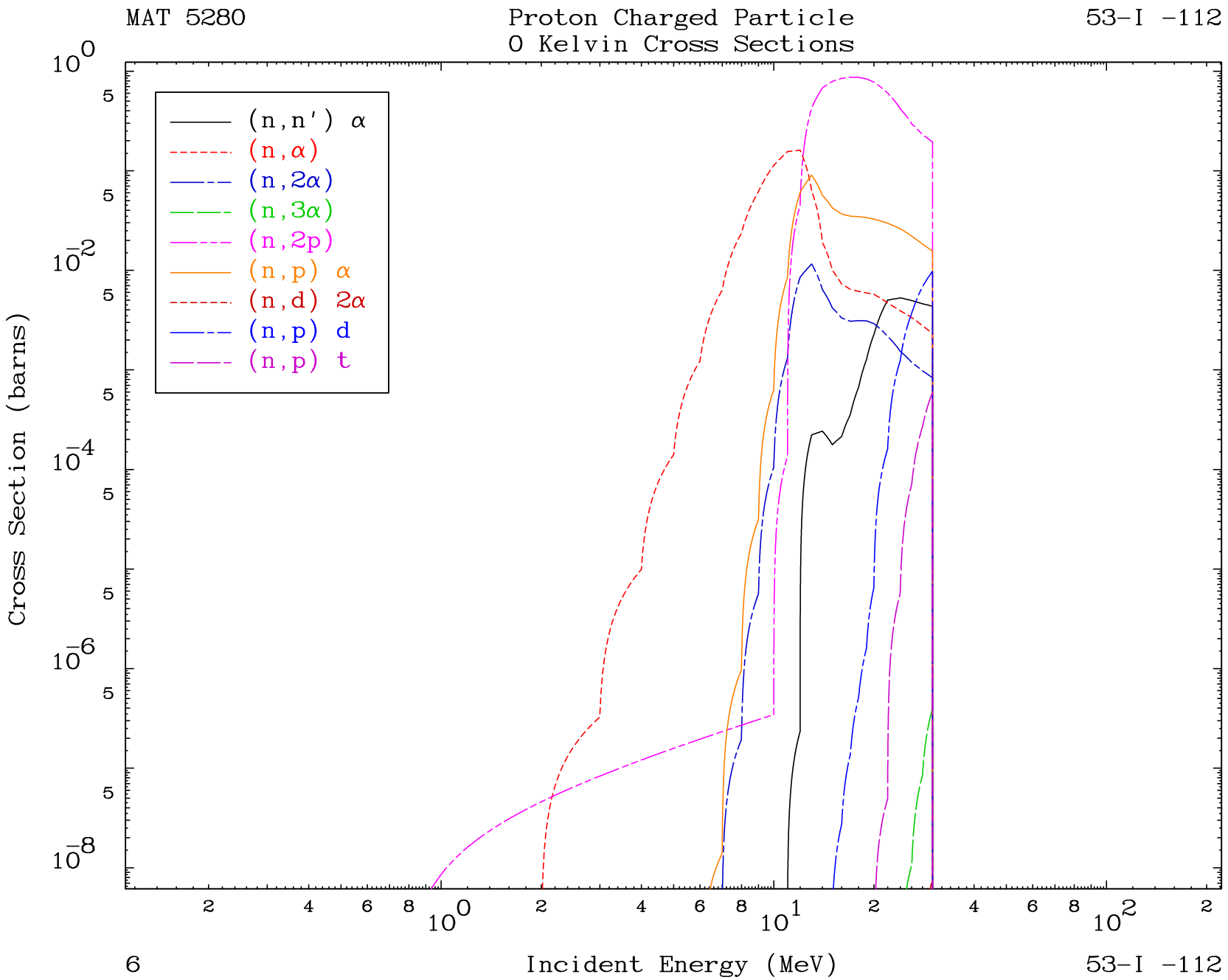

MAT 5280
Proton Major
53-I -112
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
53-I -112
1

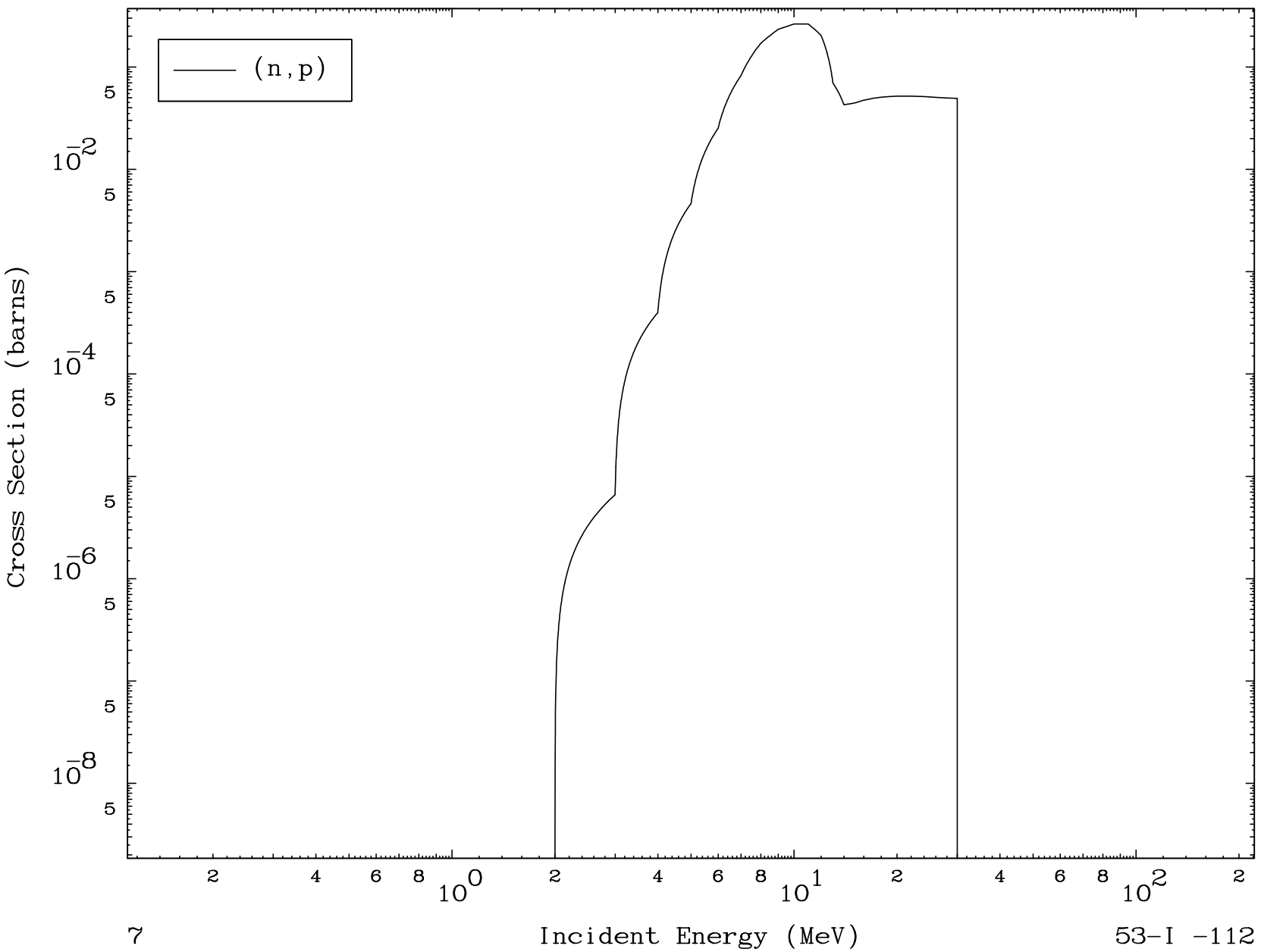

MAT 5280
Proton Neutron Absorption
0 Kelvin Cross Sections
53-I -112
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
53-I -112

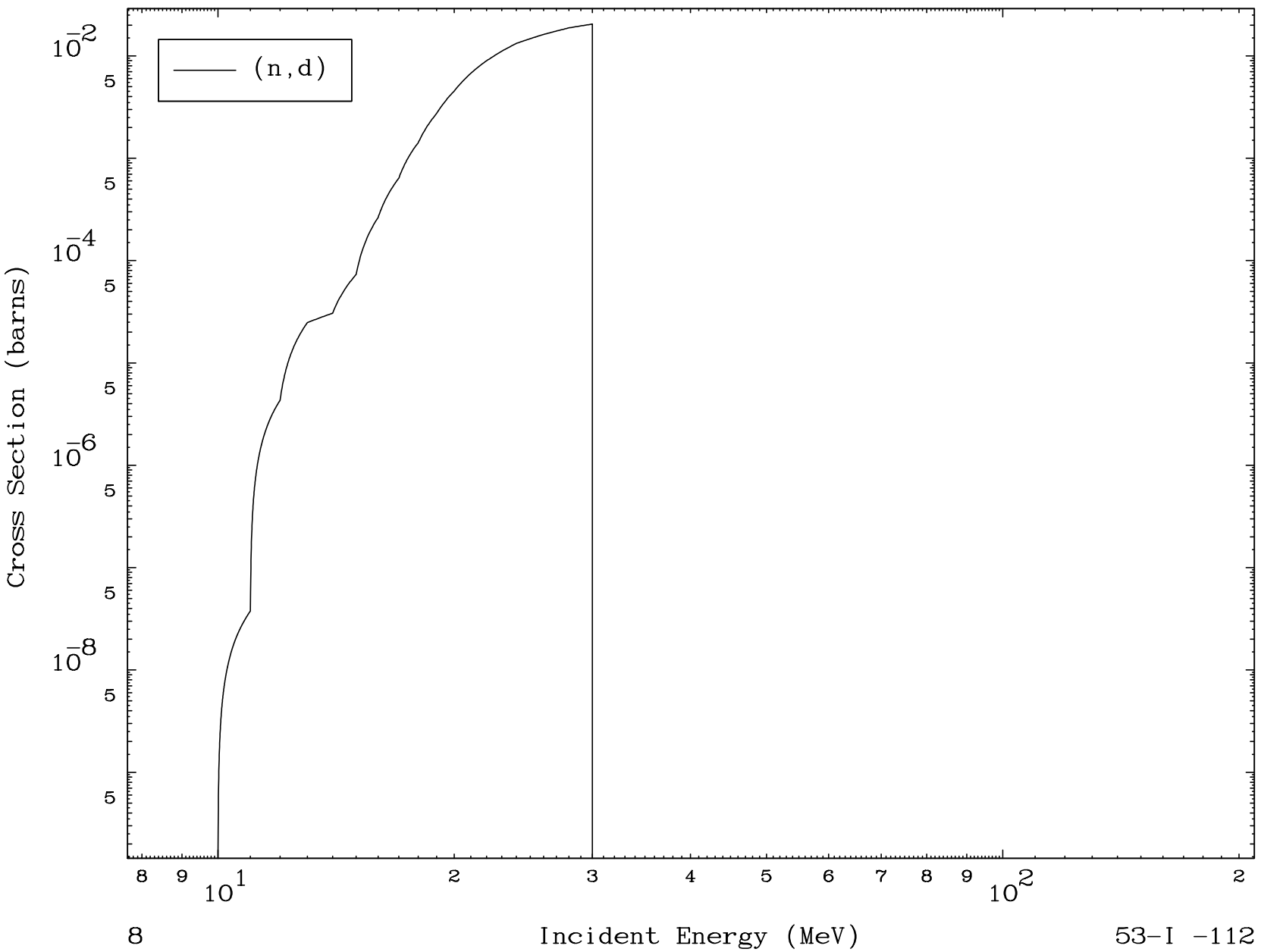

MAT 5280
Proton Neutron Absorption
0 Kelvin Cross Sections
53-I -112
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
53-I -112

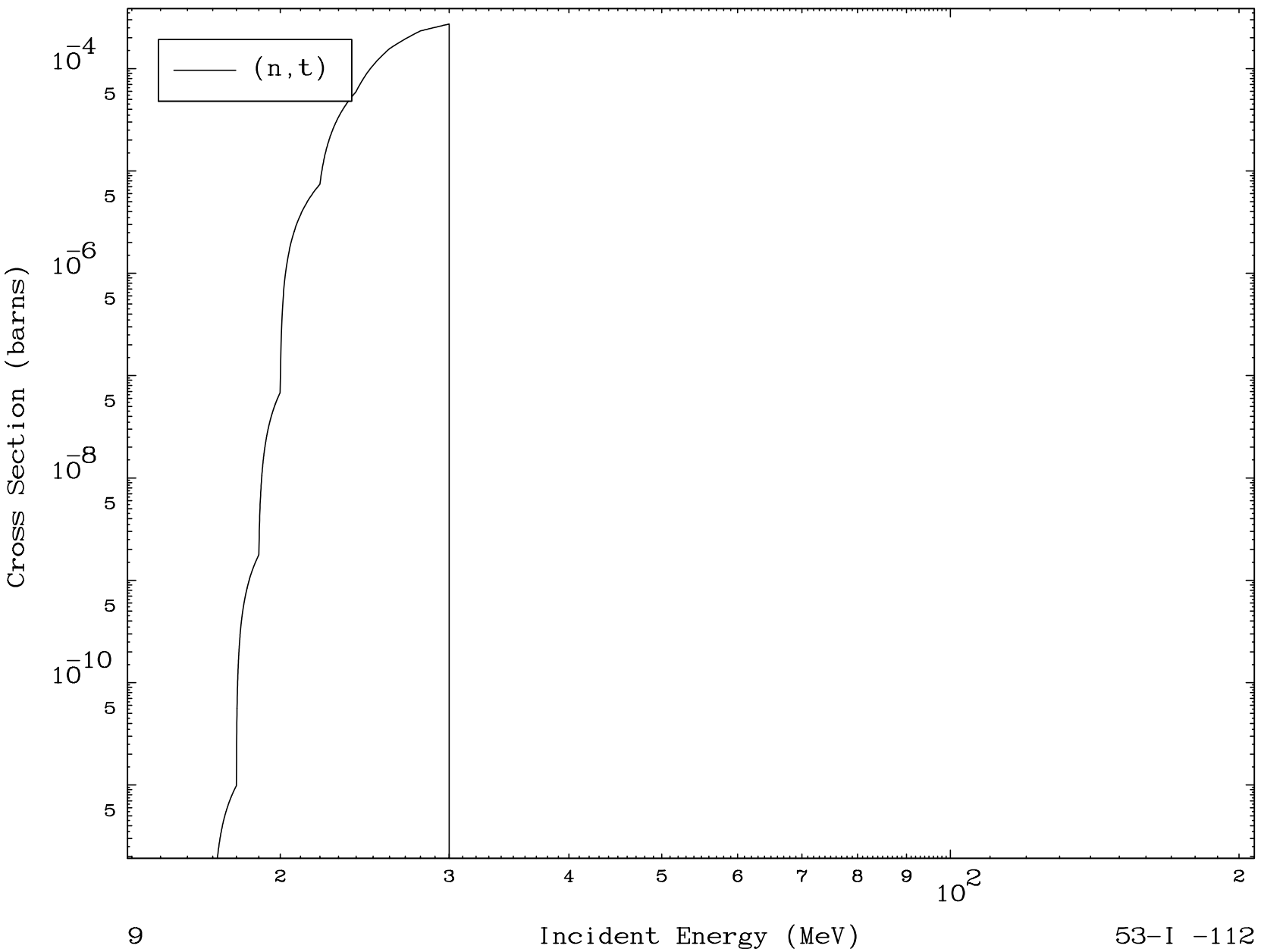

MAT 5280
Proton Neutron Absorption
0 Kelvin Cross Sections
53-I -112
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
53-I -112

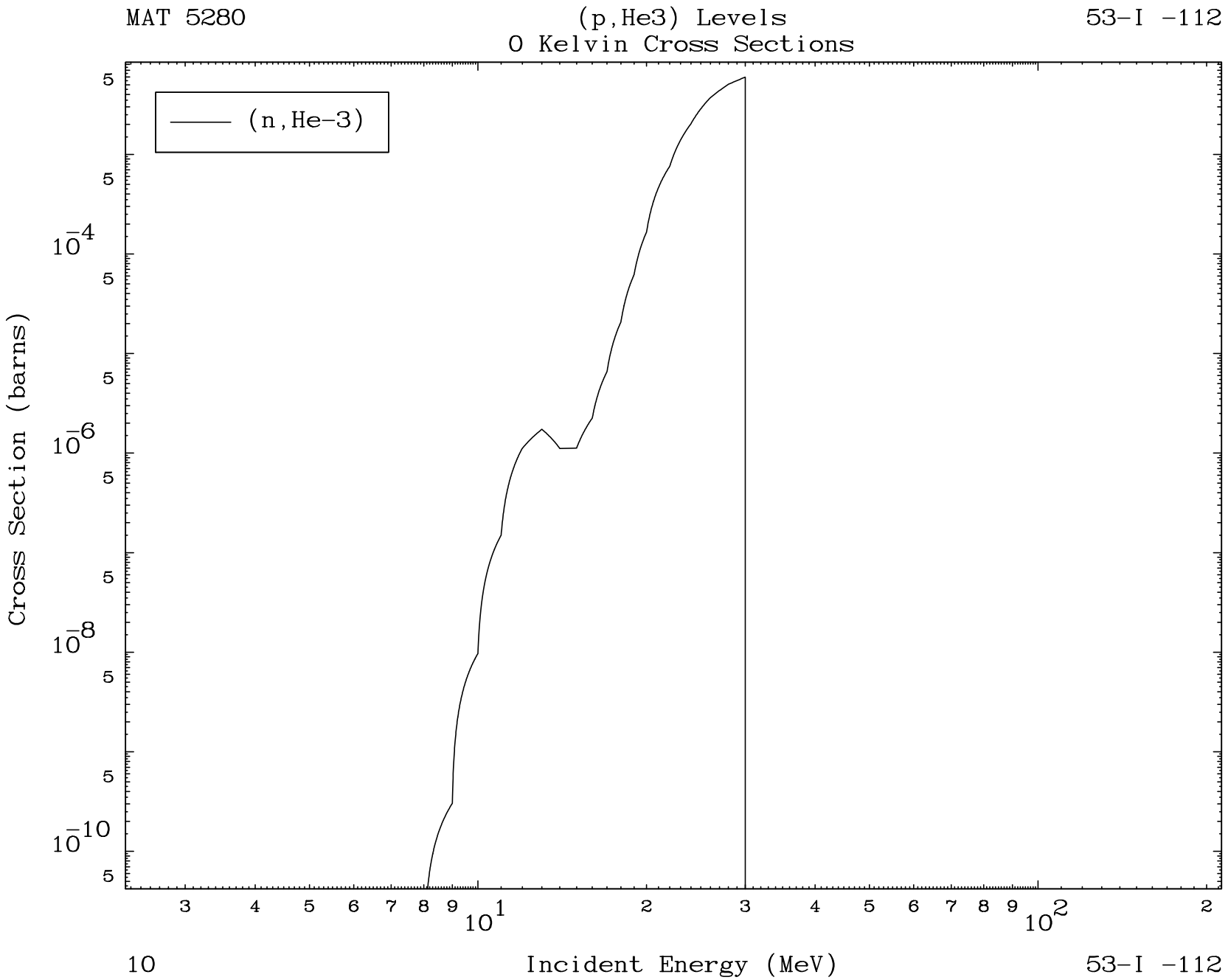

MAT 5280
Proton Charged Particle
0 Kelvin Cross Sections
53-I -112
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
5
53-I -112

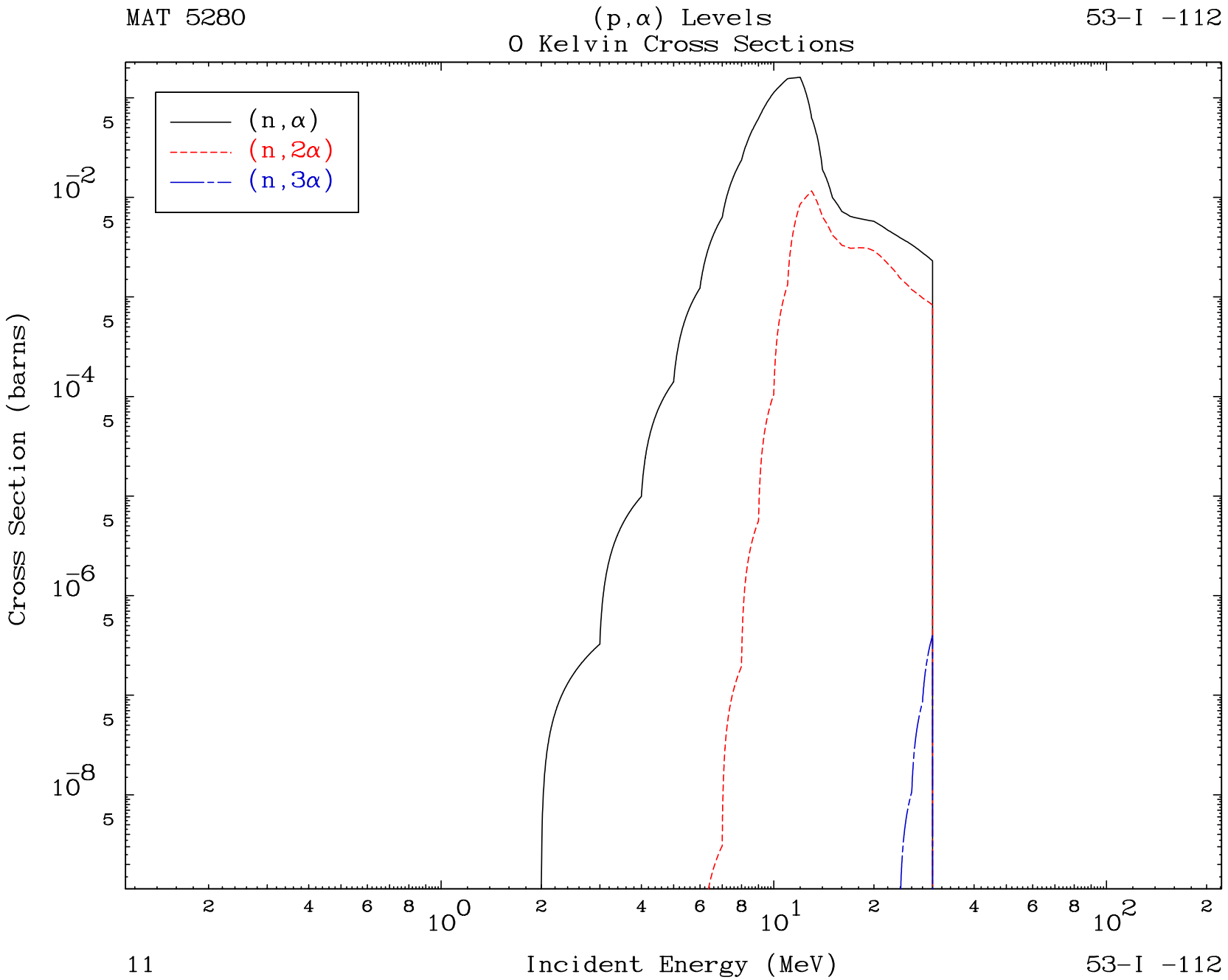

MAT 5280
Proton Charged Particle
0 Kelvin Cross Sections
53-I -112
(n,n') α
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
53-I -112

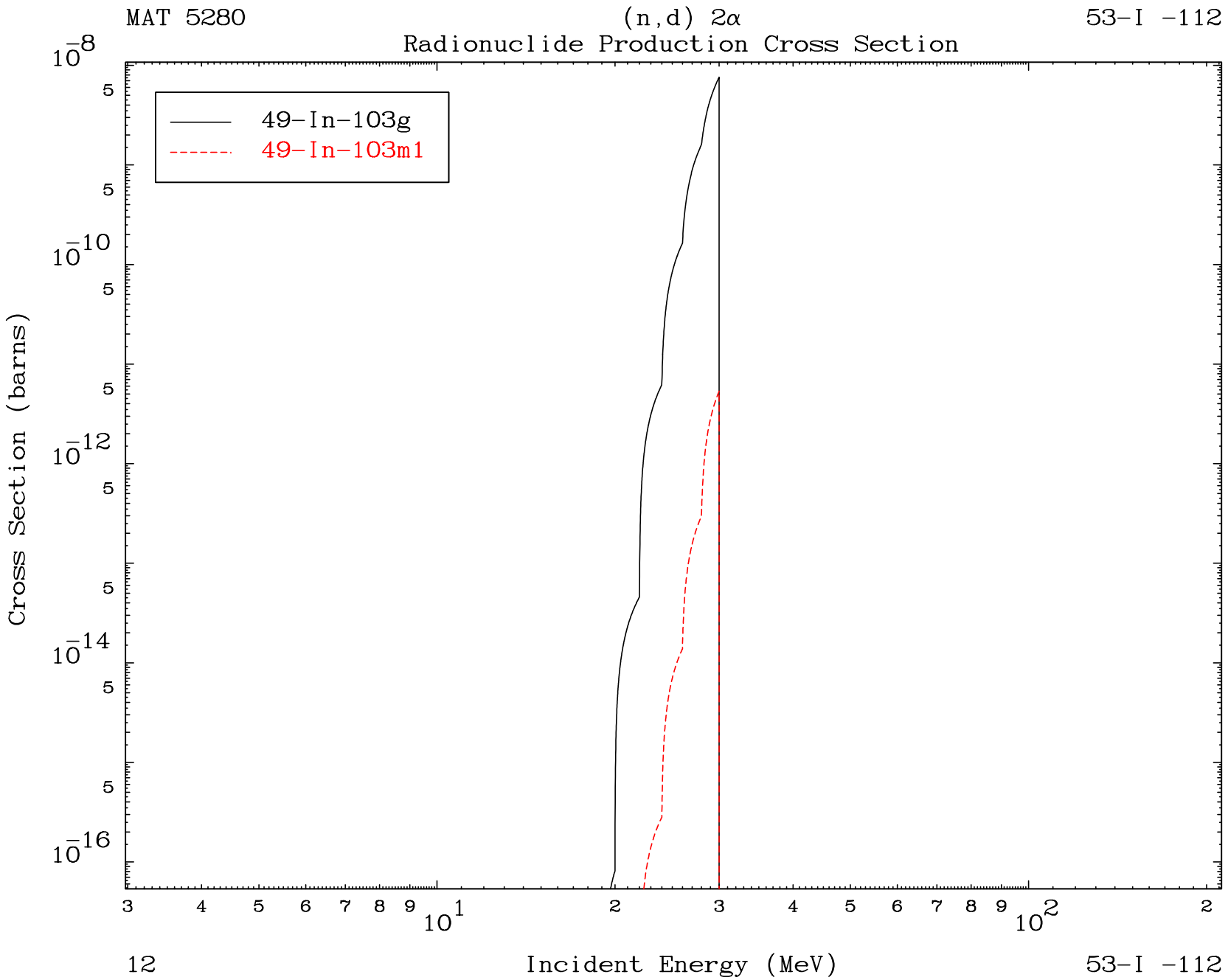

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)


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


MAT 5280
(p,He3) Levels
53-I -112
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
53-I -112


MAT 5280
(p,α) Levels
53-I -112
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
53-I -112


MAT 5280
(n,d) 2α
53-I -112
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
Incident Energy (MeV)
12
53-I -112