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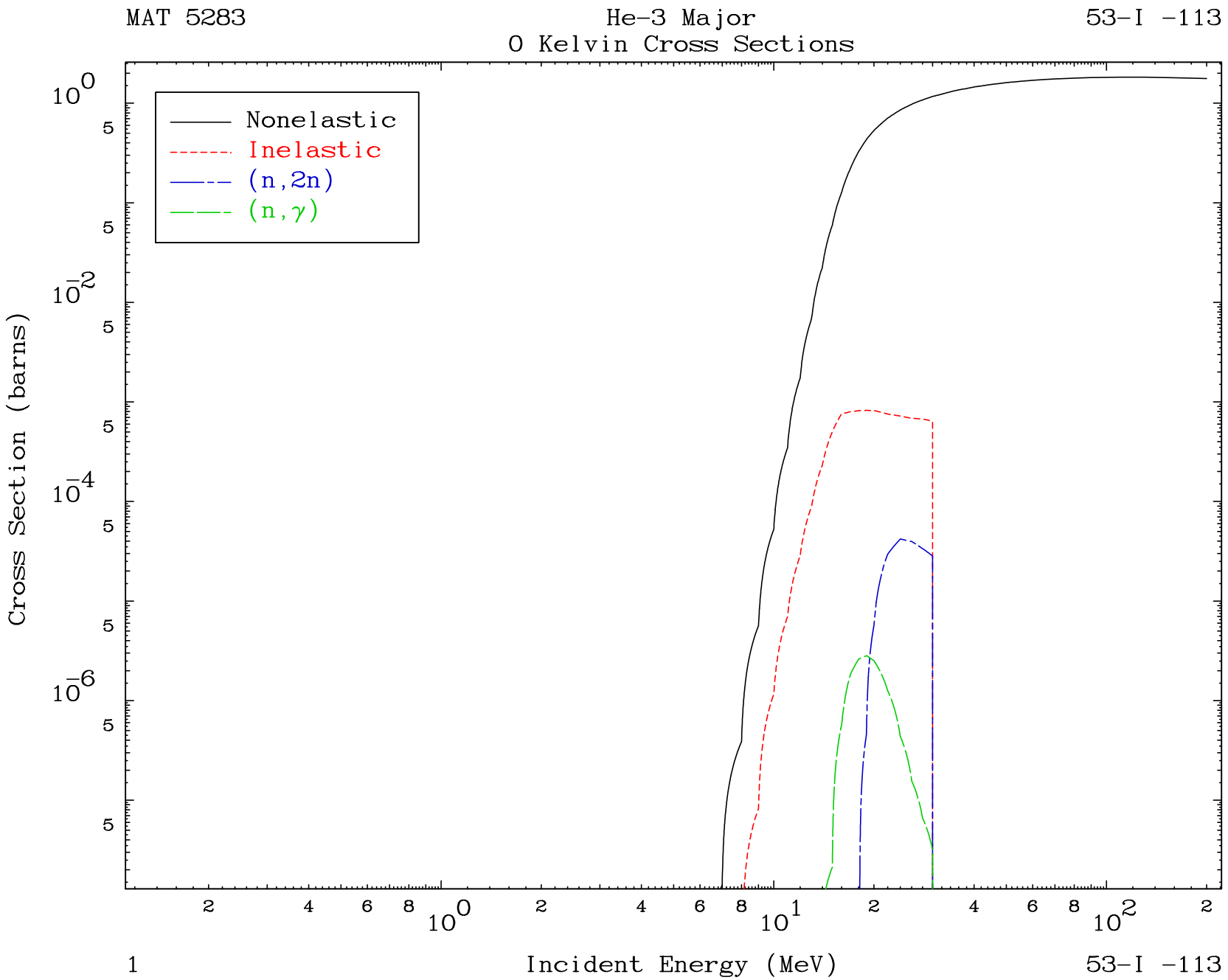
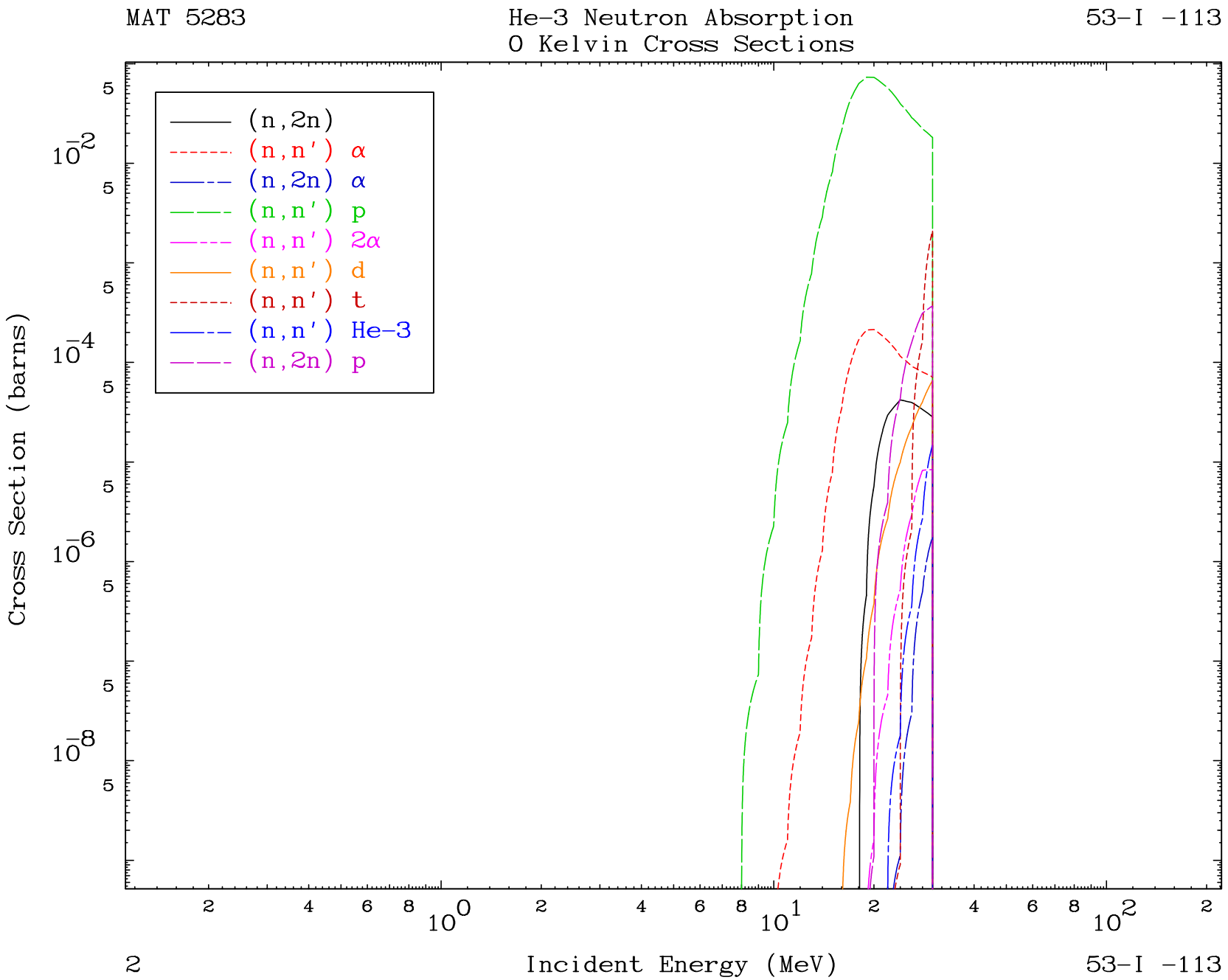
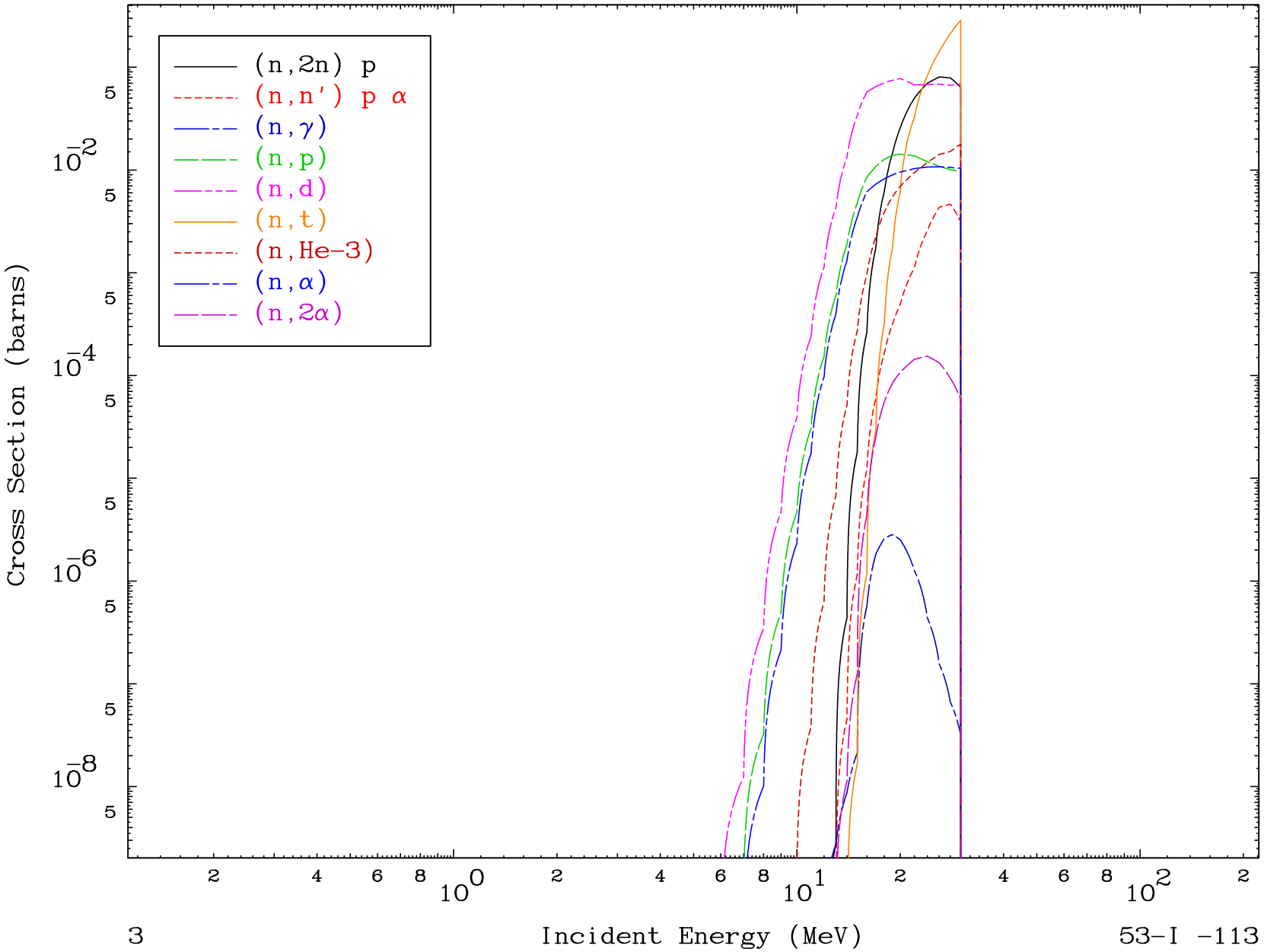
Press Mouse Button to Start

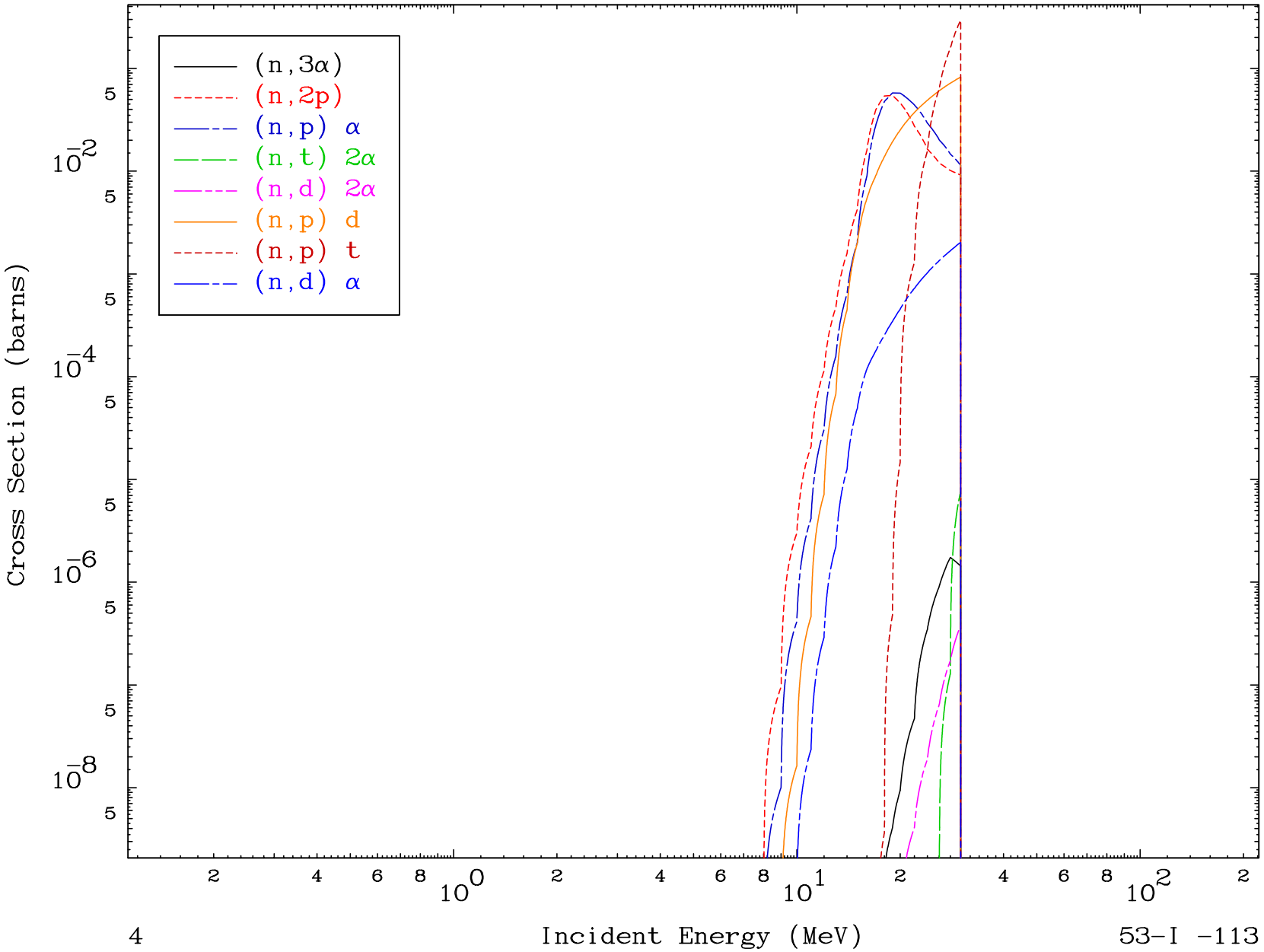

MAT 5283
He-3 Major
53-I -113
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
53-I -113

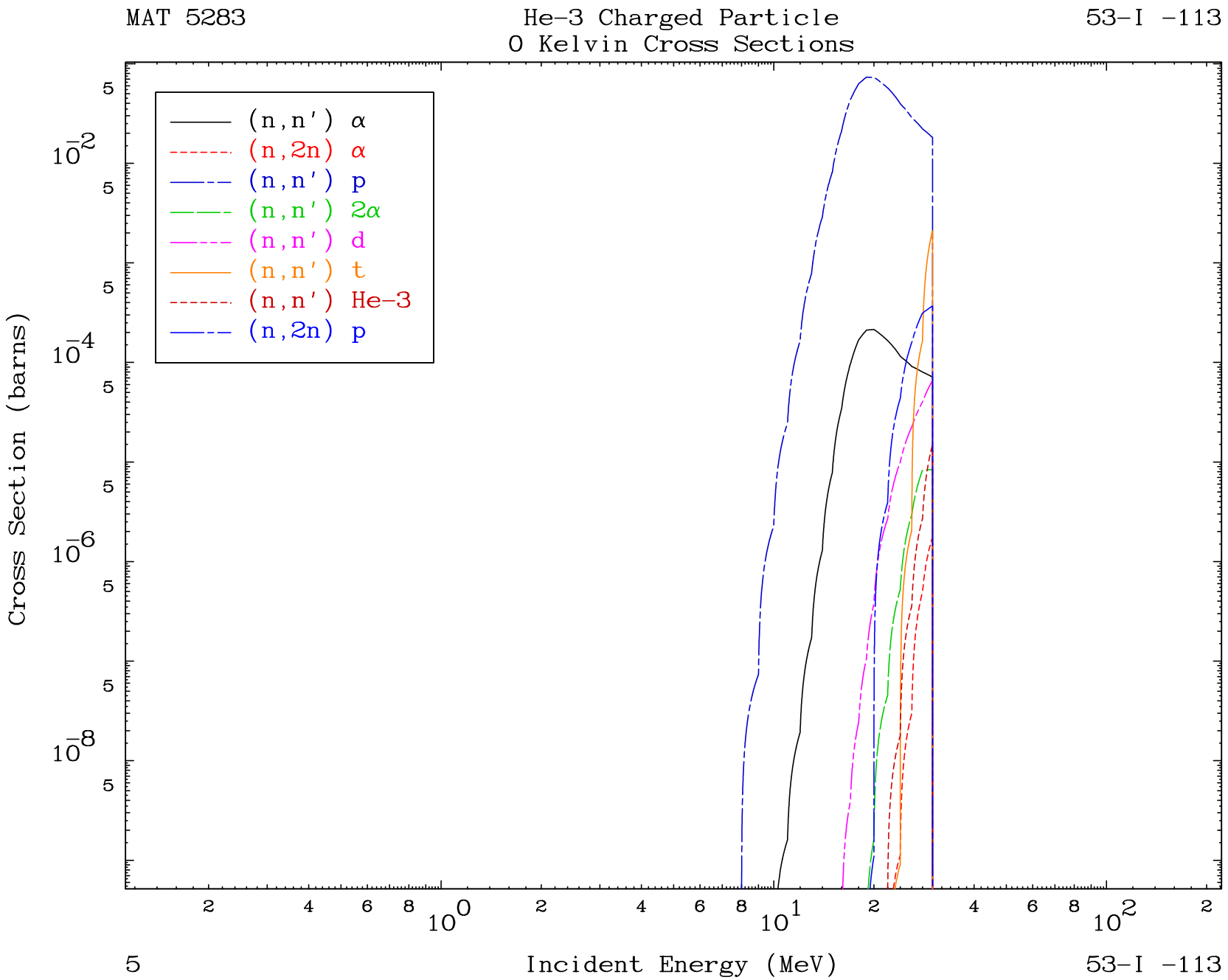

MAT 5283
He-3 Neutron Absorption
0 Kelvin Cross Sections
53-I -113
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
2
53-I -113

He-3 Neutron Absorption
0 Kelvin Cross Sections

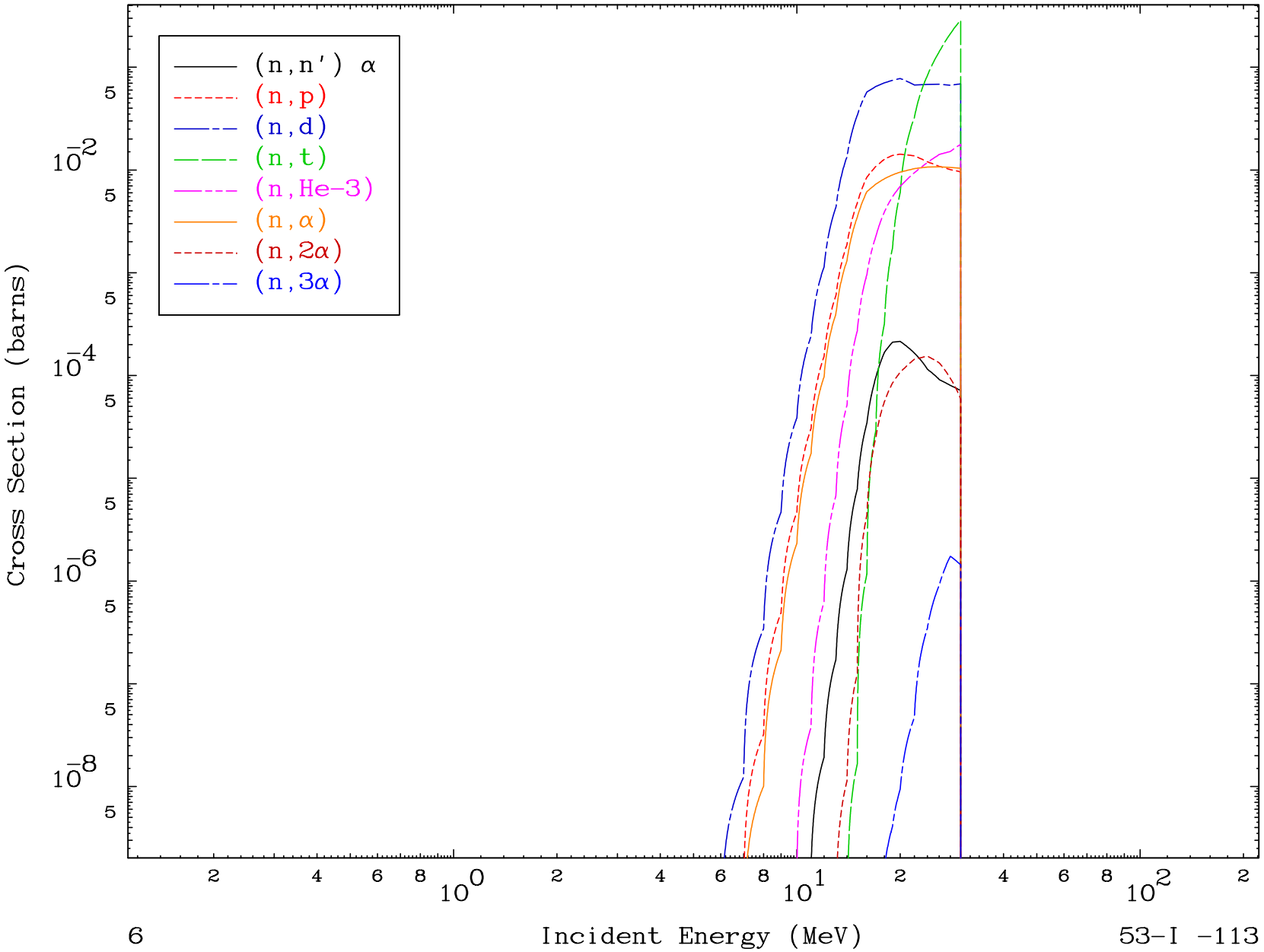


0 Kelvin Cross Sections

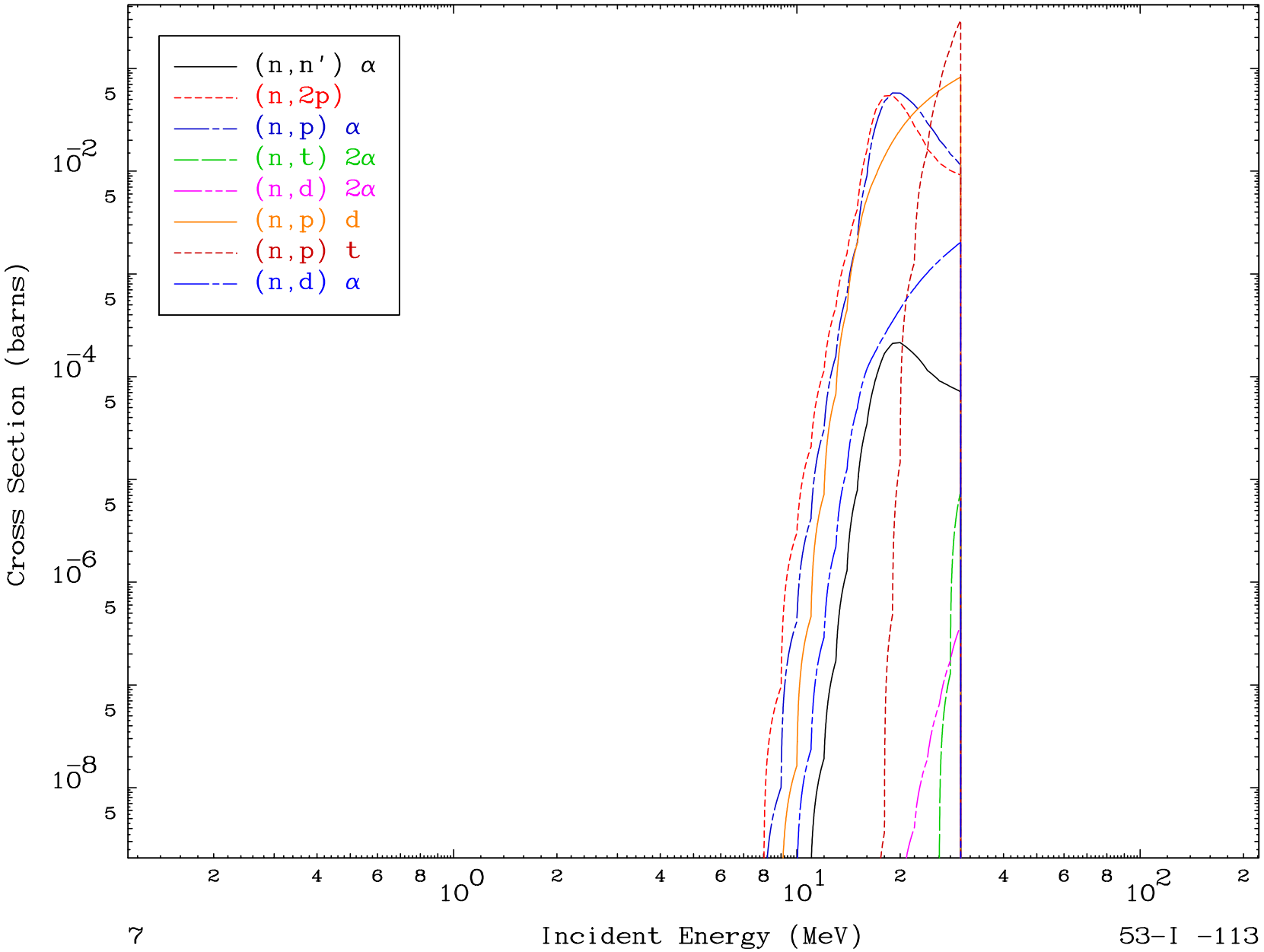


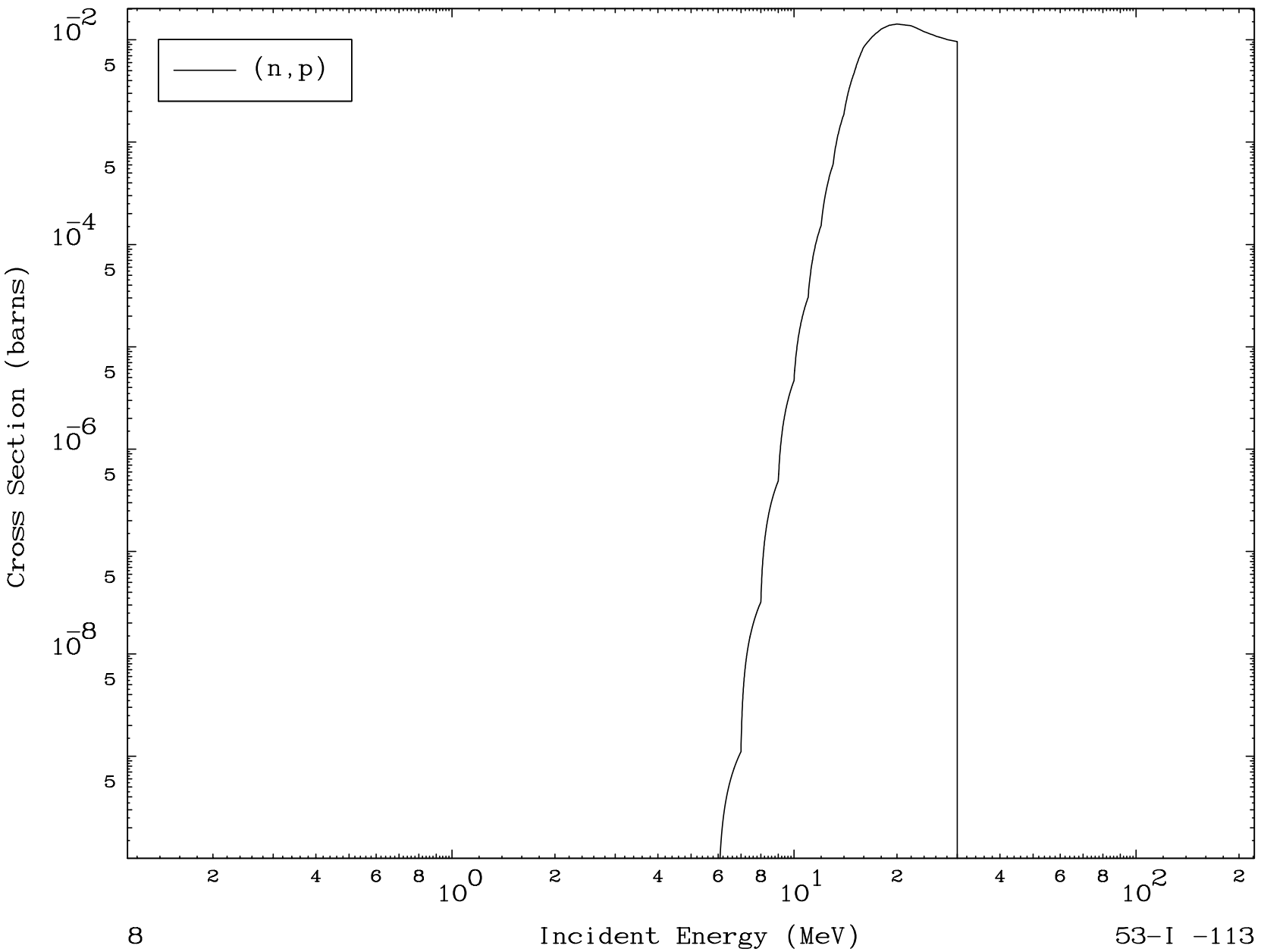

MAT 5283
He-3 Charged Particle
0 Kelvin Cross Sections
53-I -113
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
5
53-I -113

He-3 Charged Particle
0 Kelvin Cross Sections

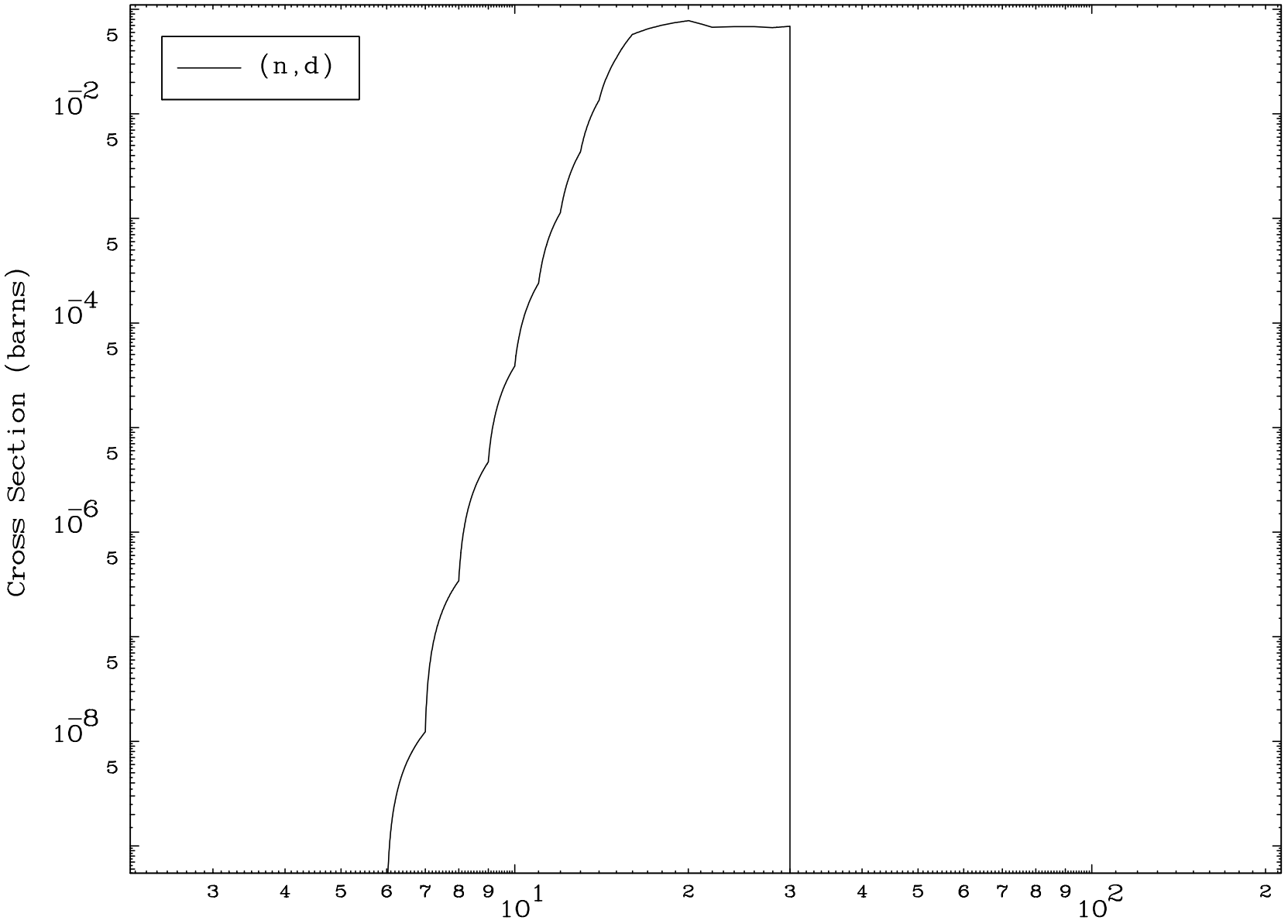


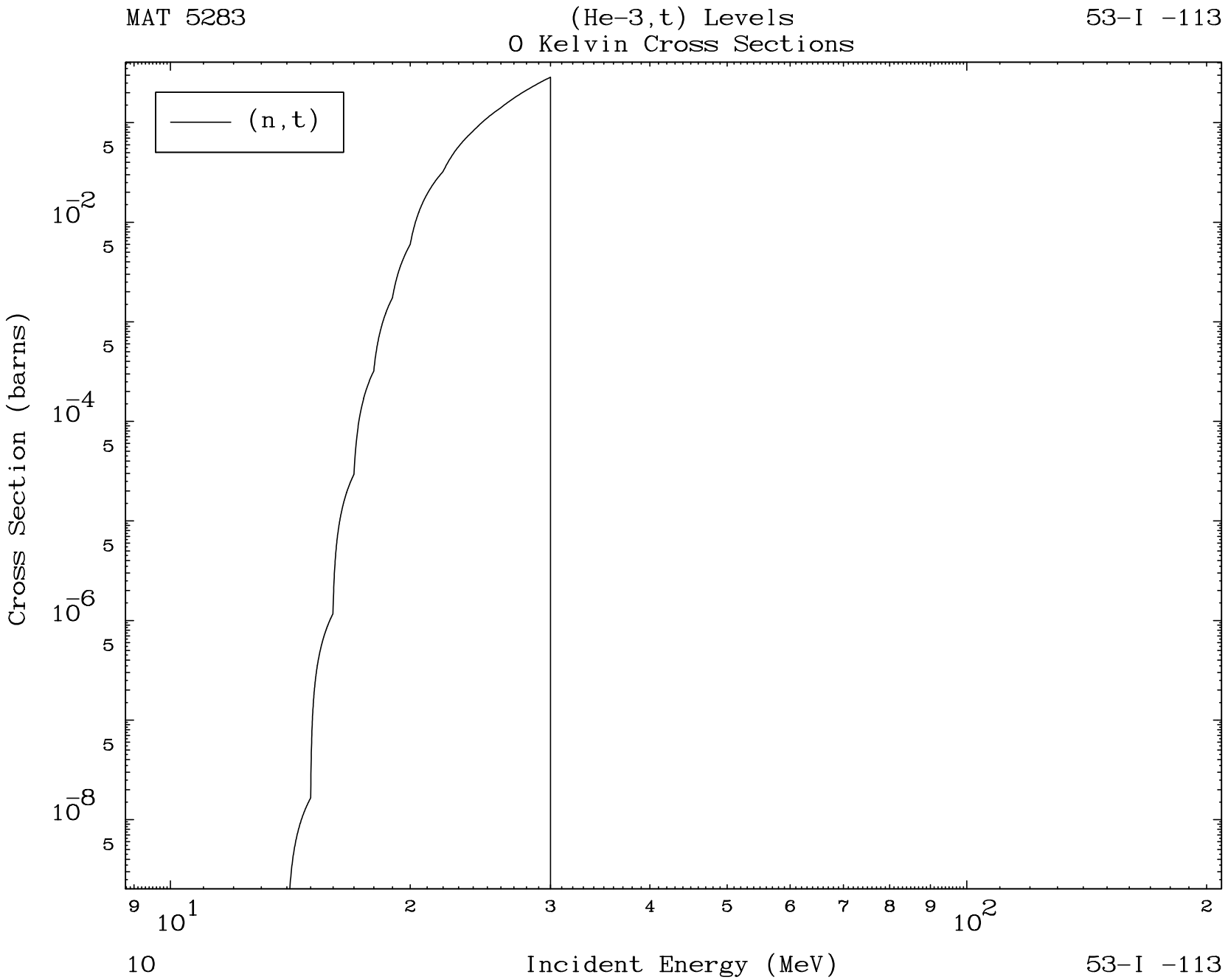
He-3 Charged Particle
0 Kelvin Cross Sections



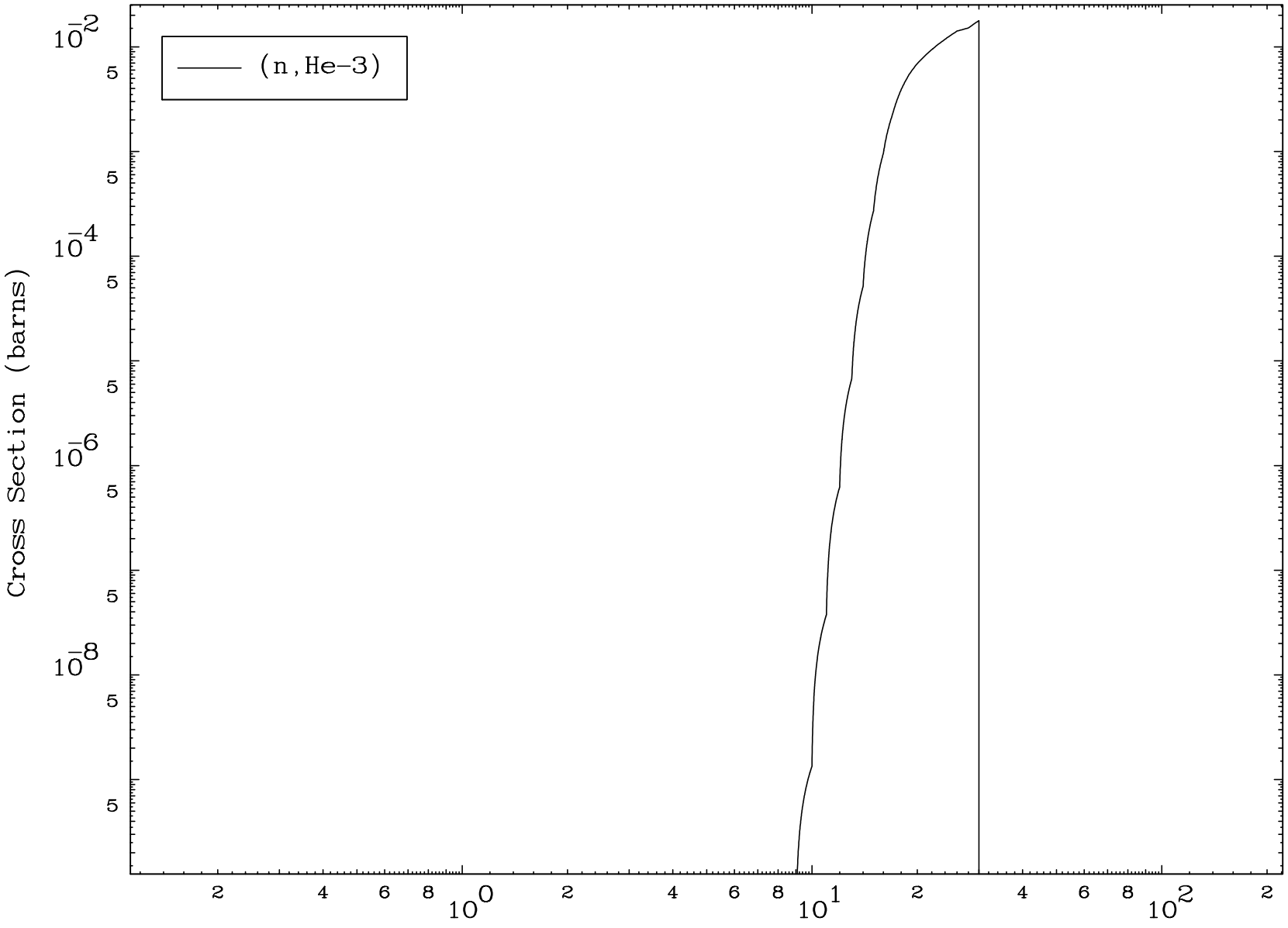

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2

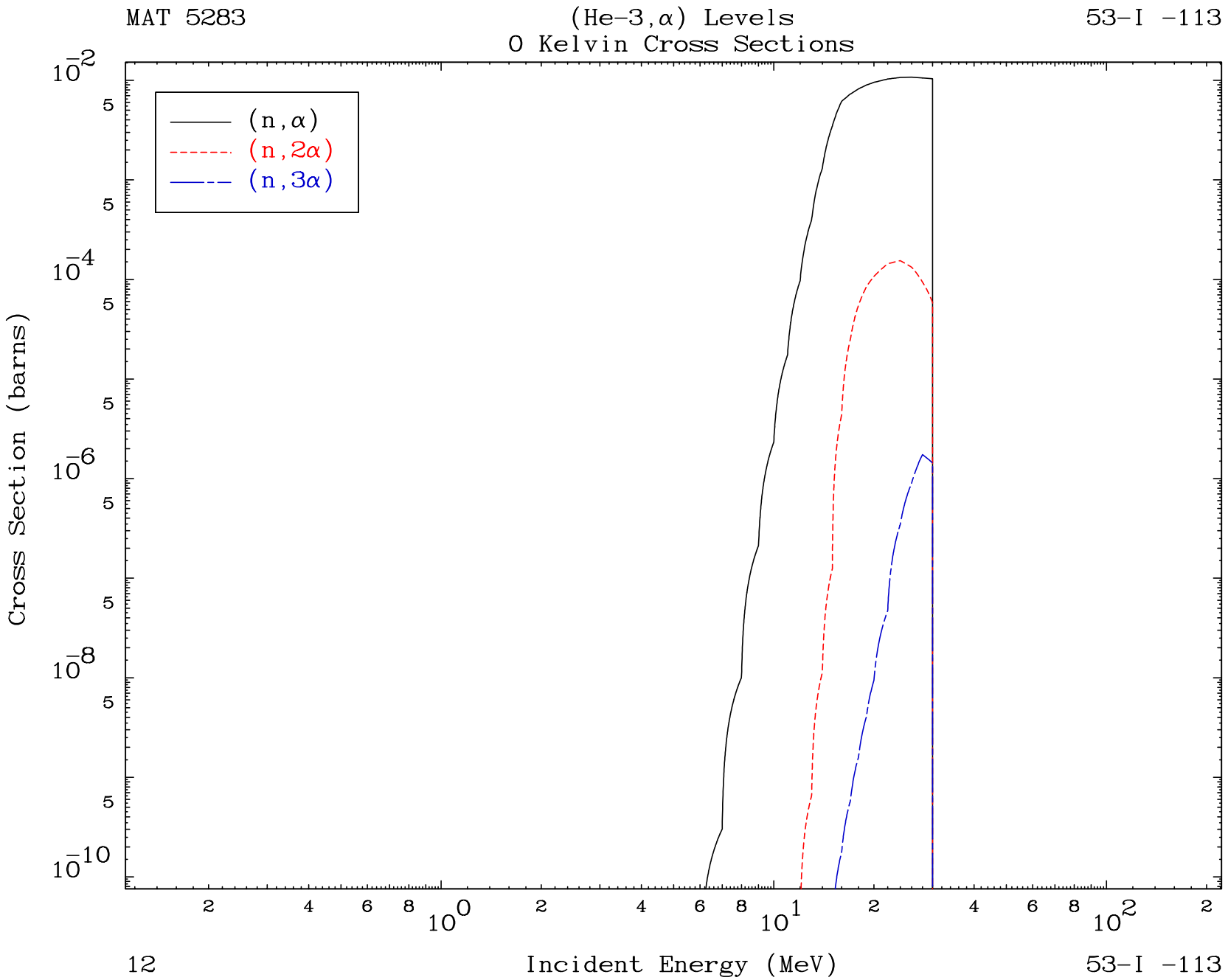
0 Kelvin Cross Sections

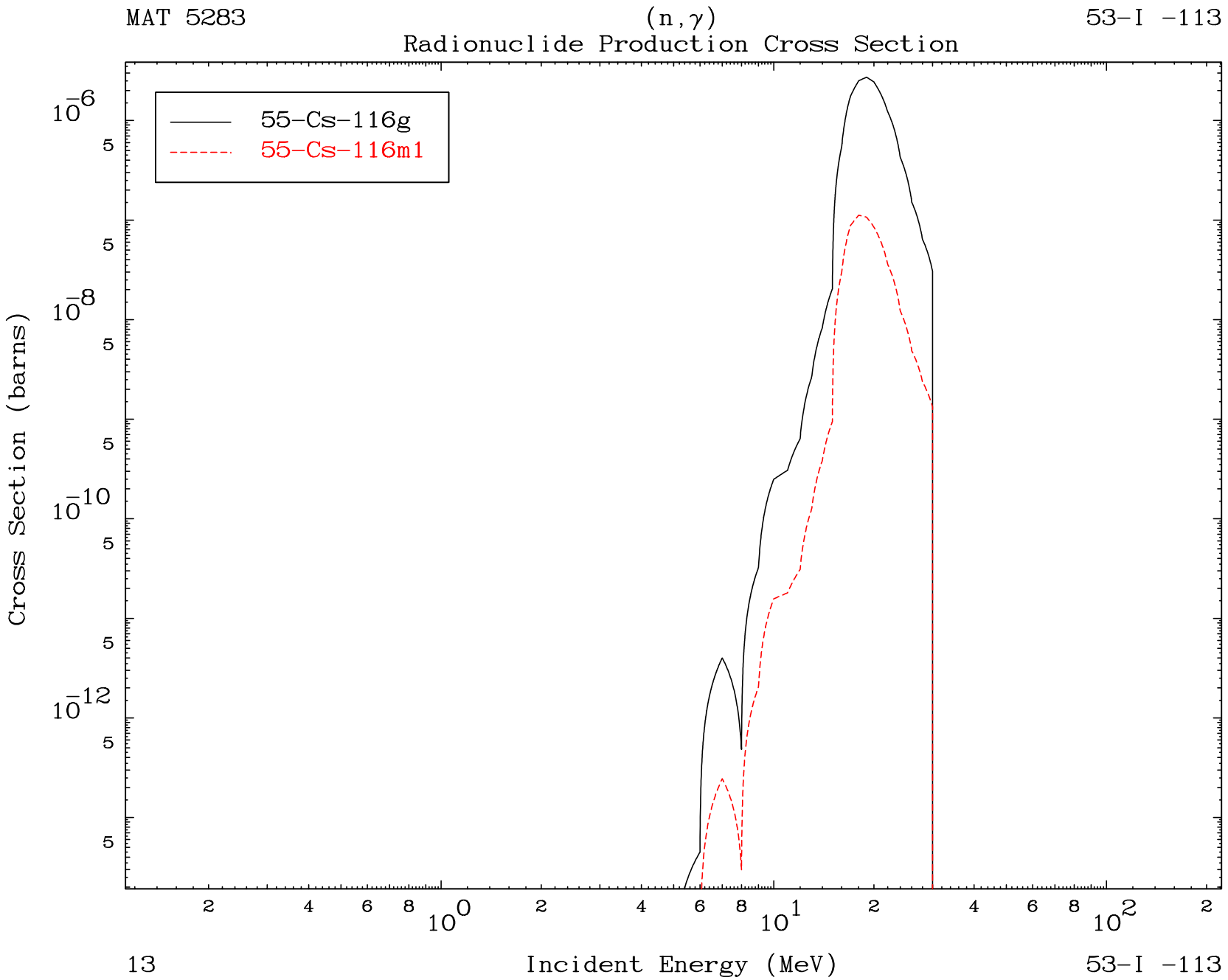


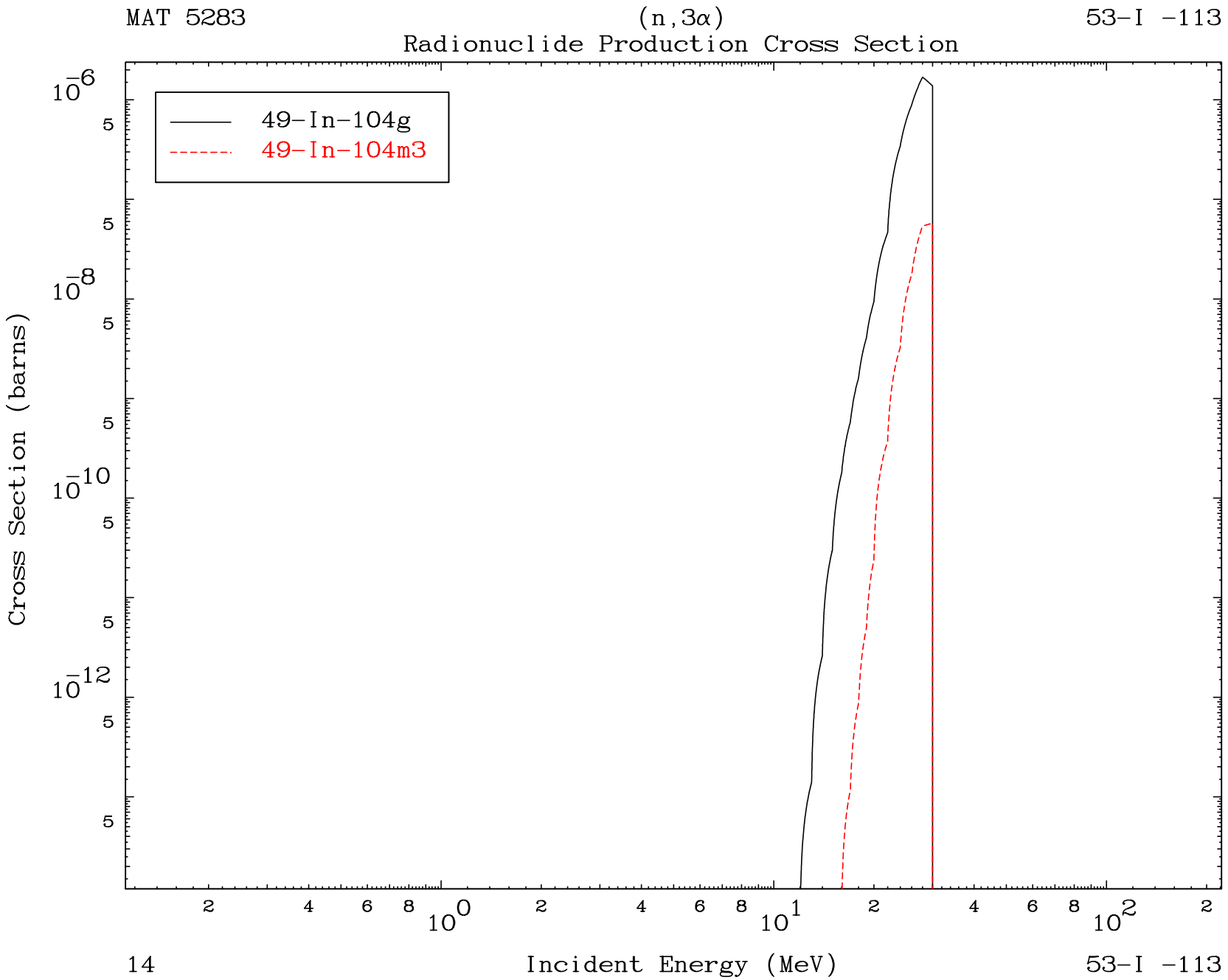

MAT 5283
(He-3,t) Levels
53-I -113
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
53-I -113

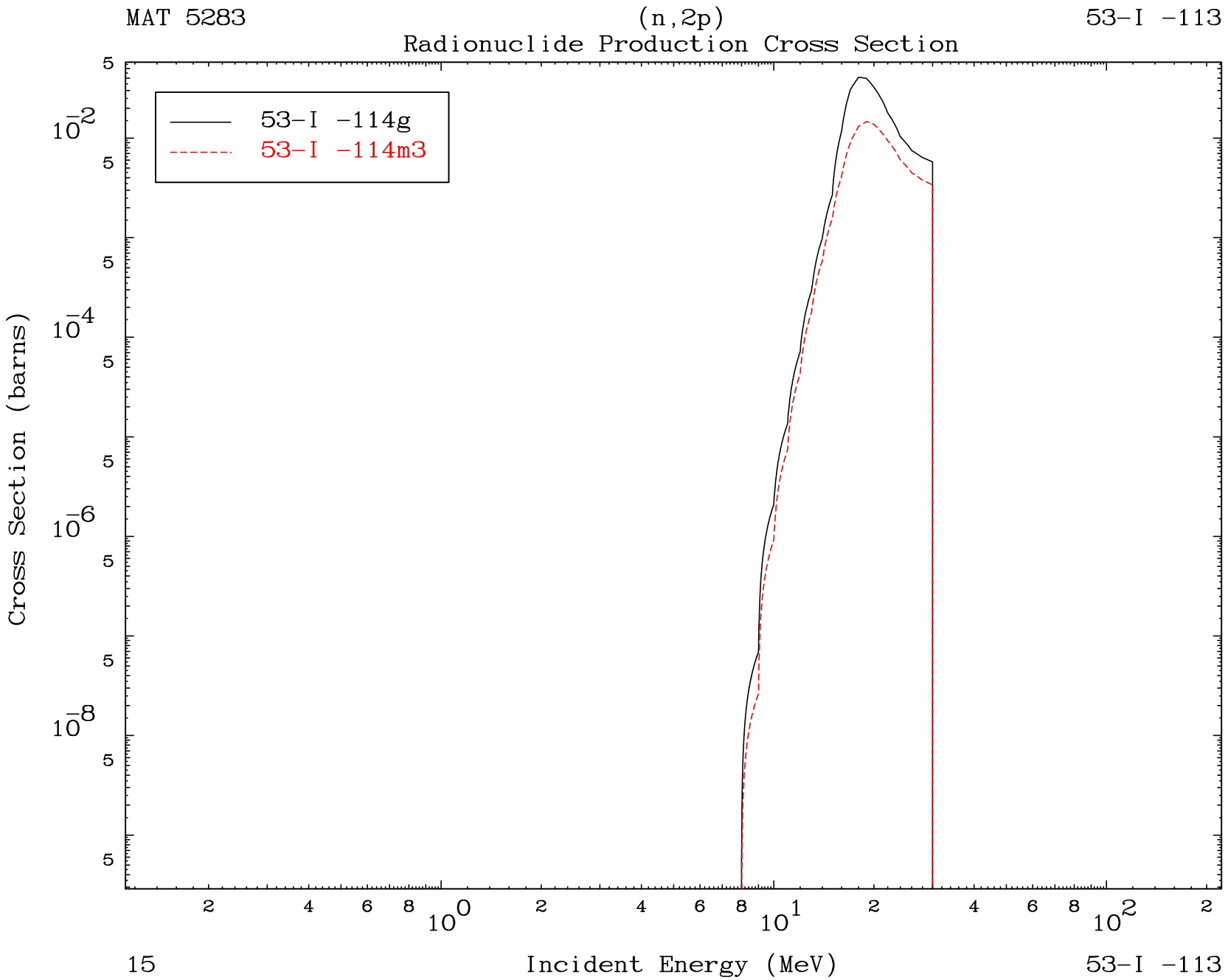
0 Kelvin Cross Sections




MAT 5283
(He-3,α) Levels
0 Kelvin Cross Sections
53-I -113
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
53-I -113


MAT 5283
(n,γ)
53-I -113
Radionuclide Production Cross Section
55-Cs-116g
55-Cs-116m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
13
Incident Energy (MeV)
53-I -113


MAT 5283
(n,3α)
53-I -113
Radionuclide Production Cross Section
49-In-104g
49-In-104m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
14
53-I -113


MAT 5283
(n,2p)
53-I -113
Radionuclide Production Cross Section
53-I -114g
53-I -114m3
Cross Section (barns)
Incident Energy (MeV)
15
53-I -113