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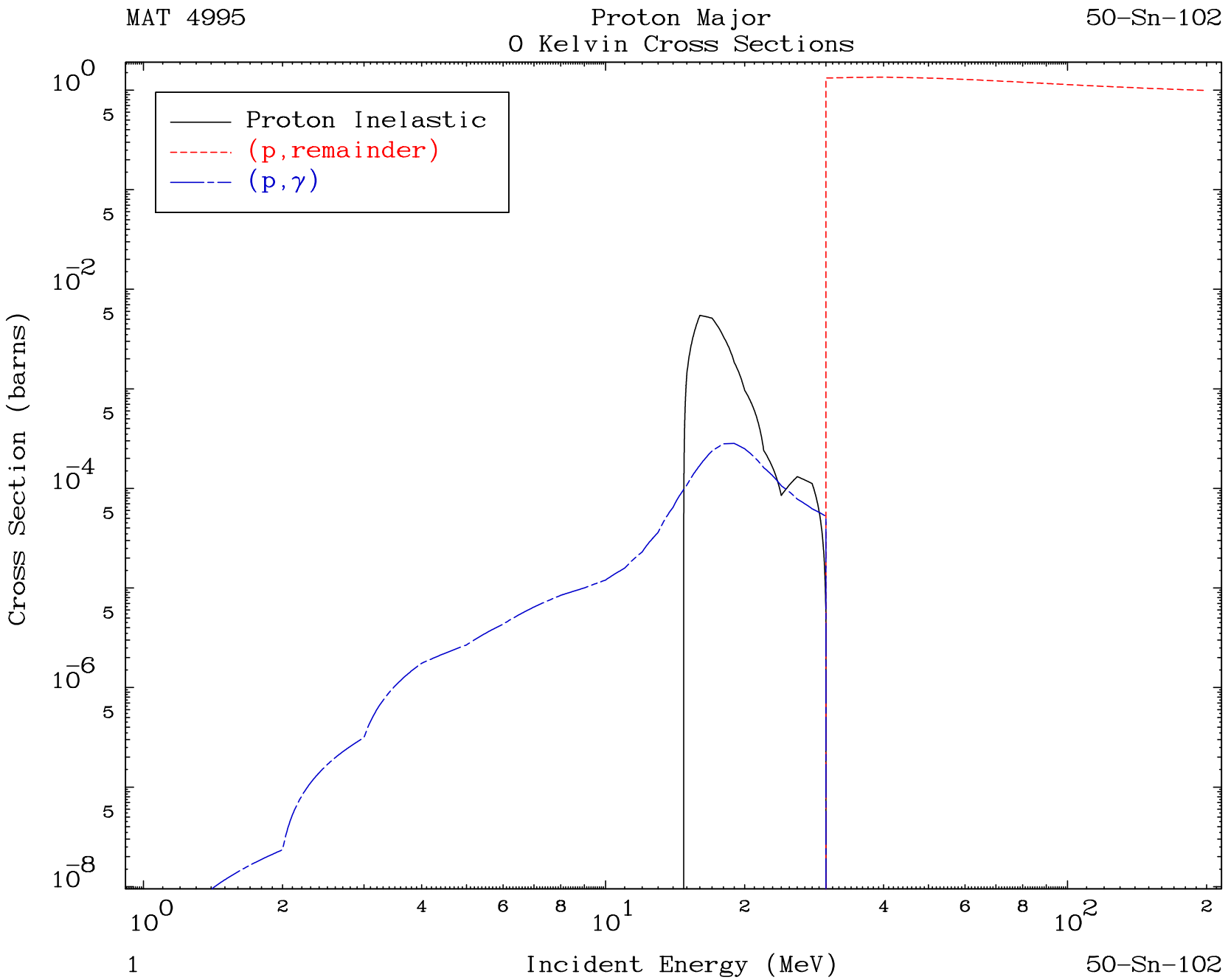
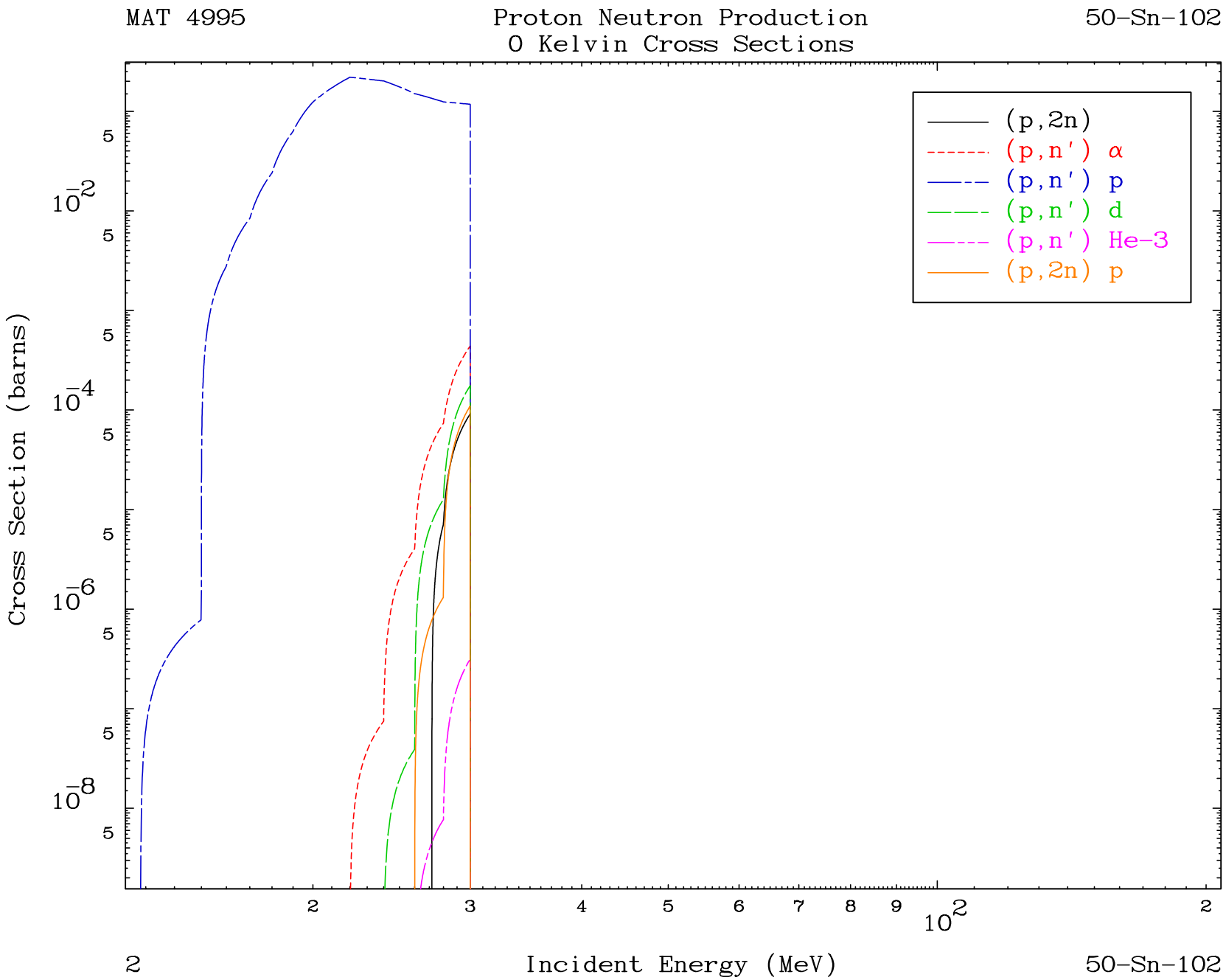
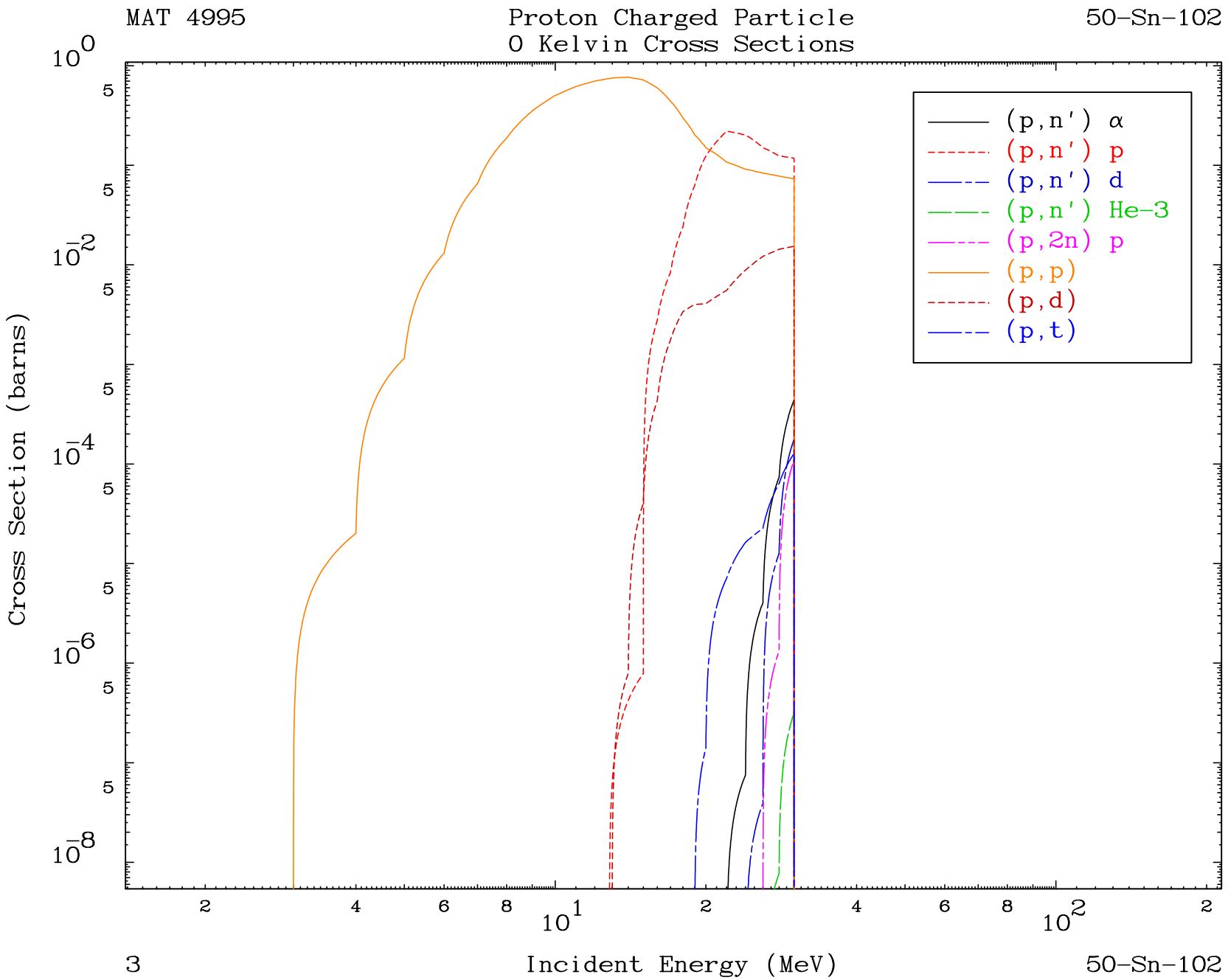
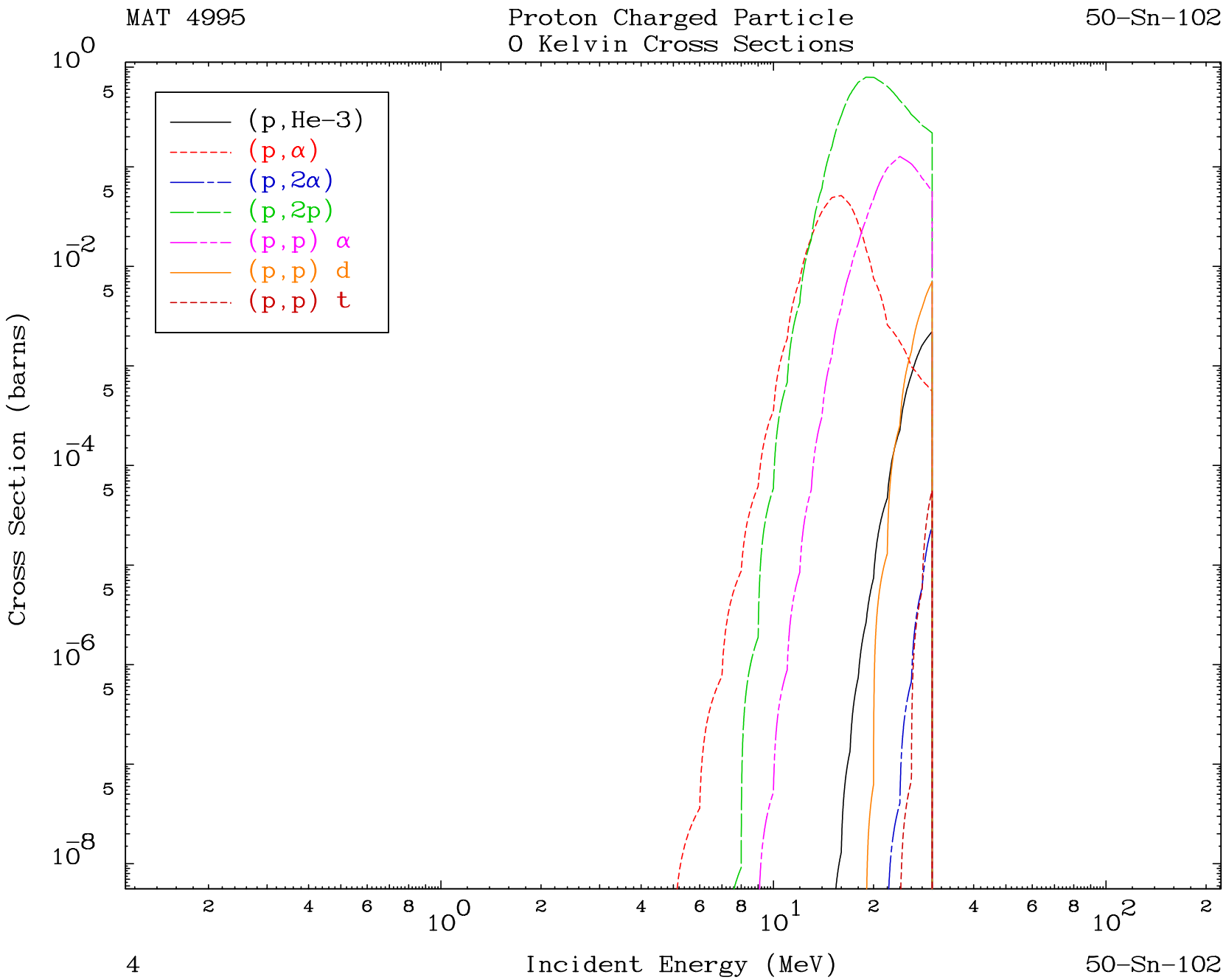
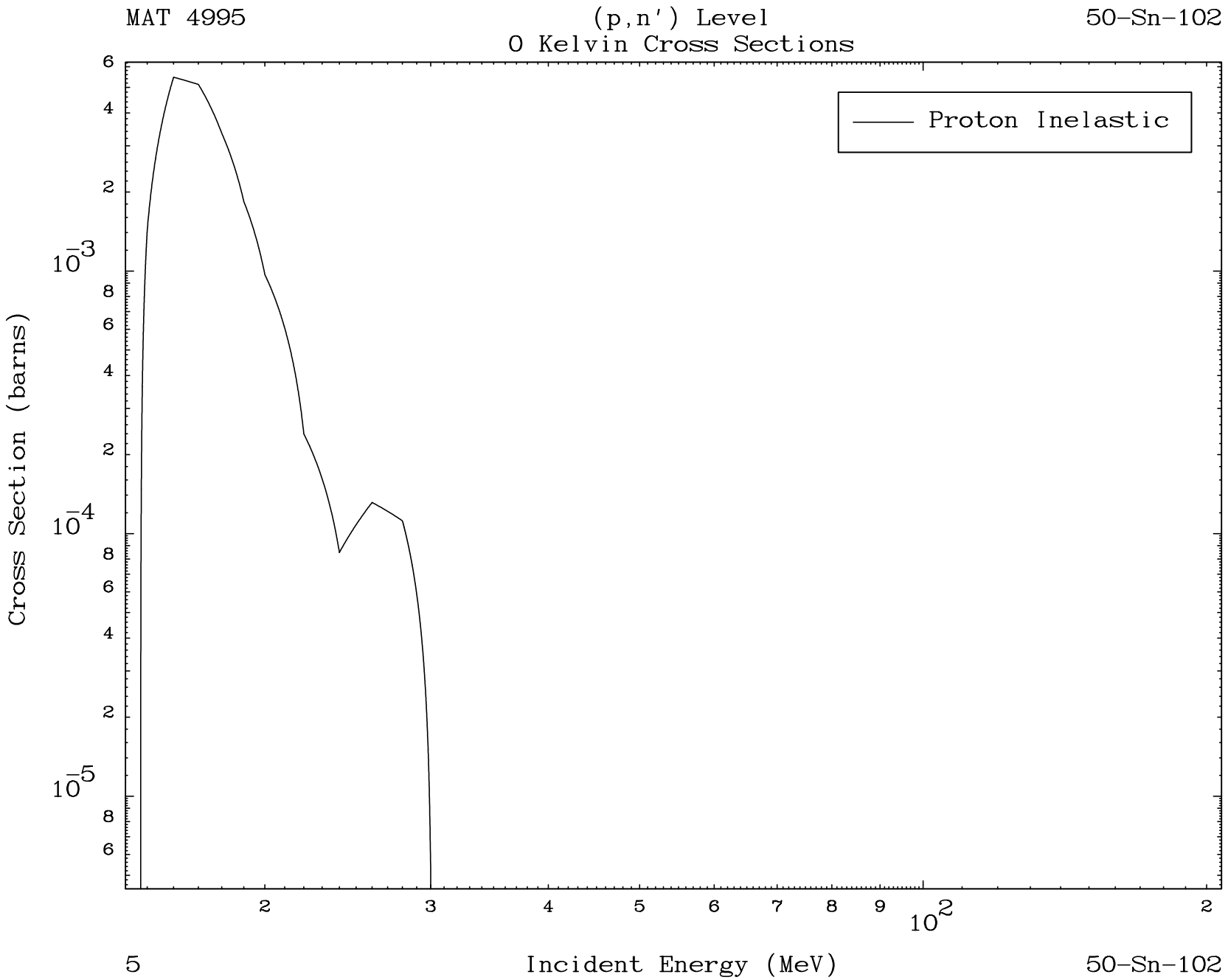
Press Mouse Button to Start

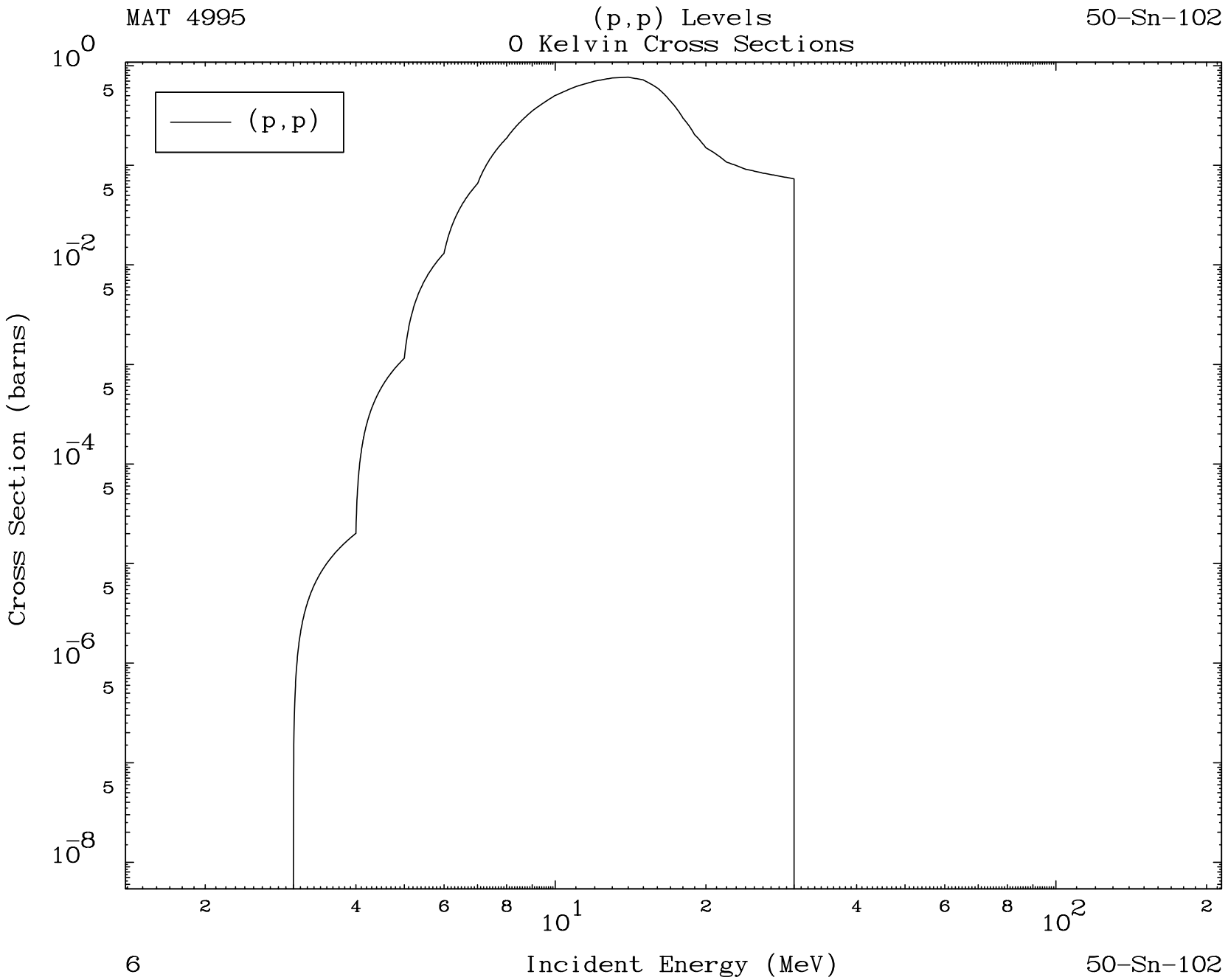

MAT 4995
Proton Major
50-Sn-102
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102

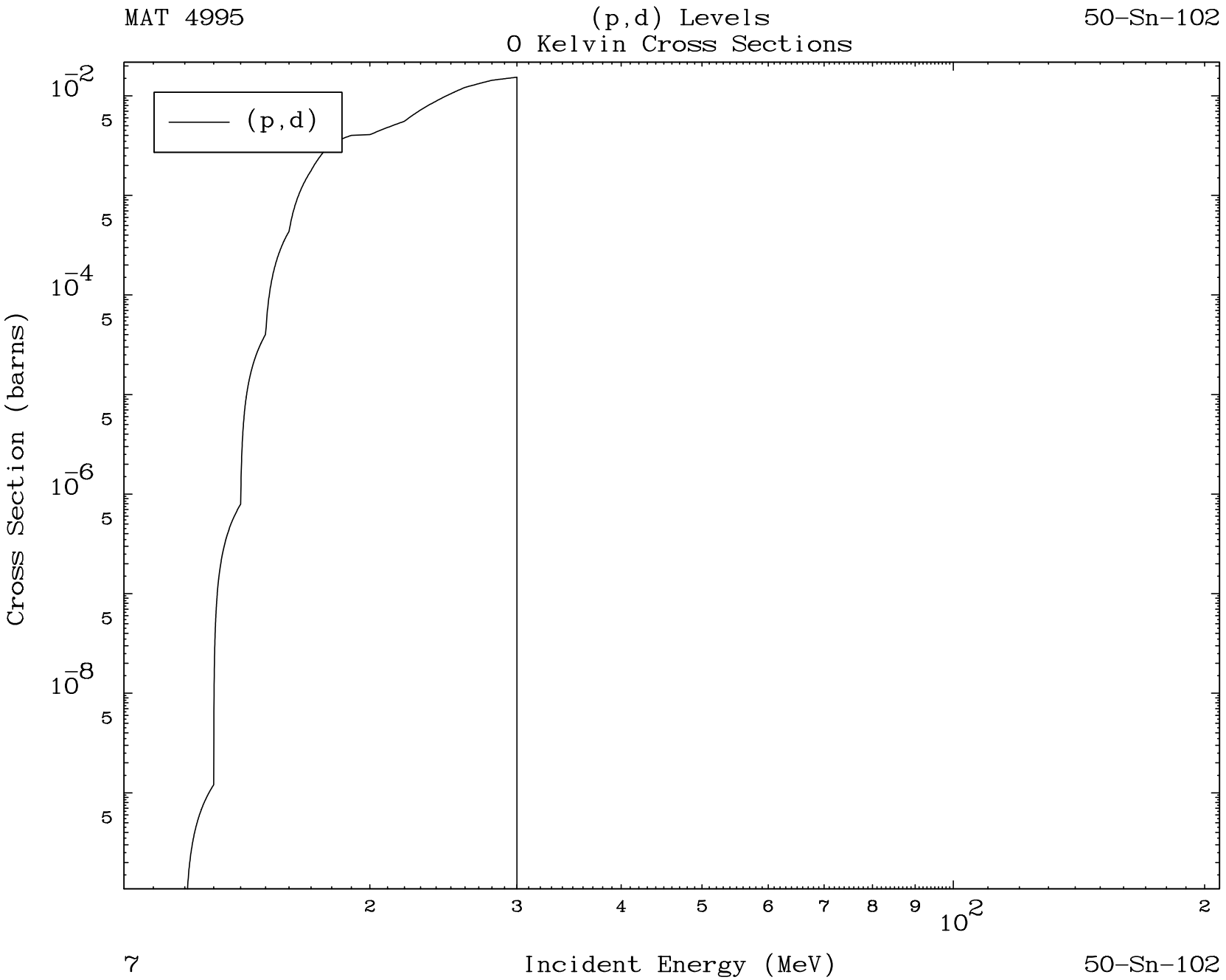

MAT 4995
Proton Neutron Production
0 Kelvin Cross Sections
50-Sn-102
(p,2n)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
50-Sn-102

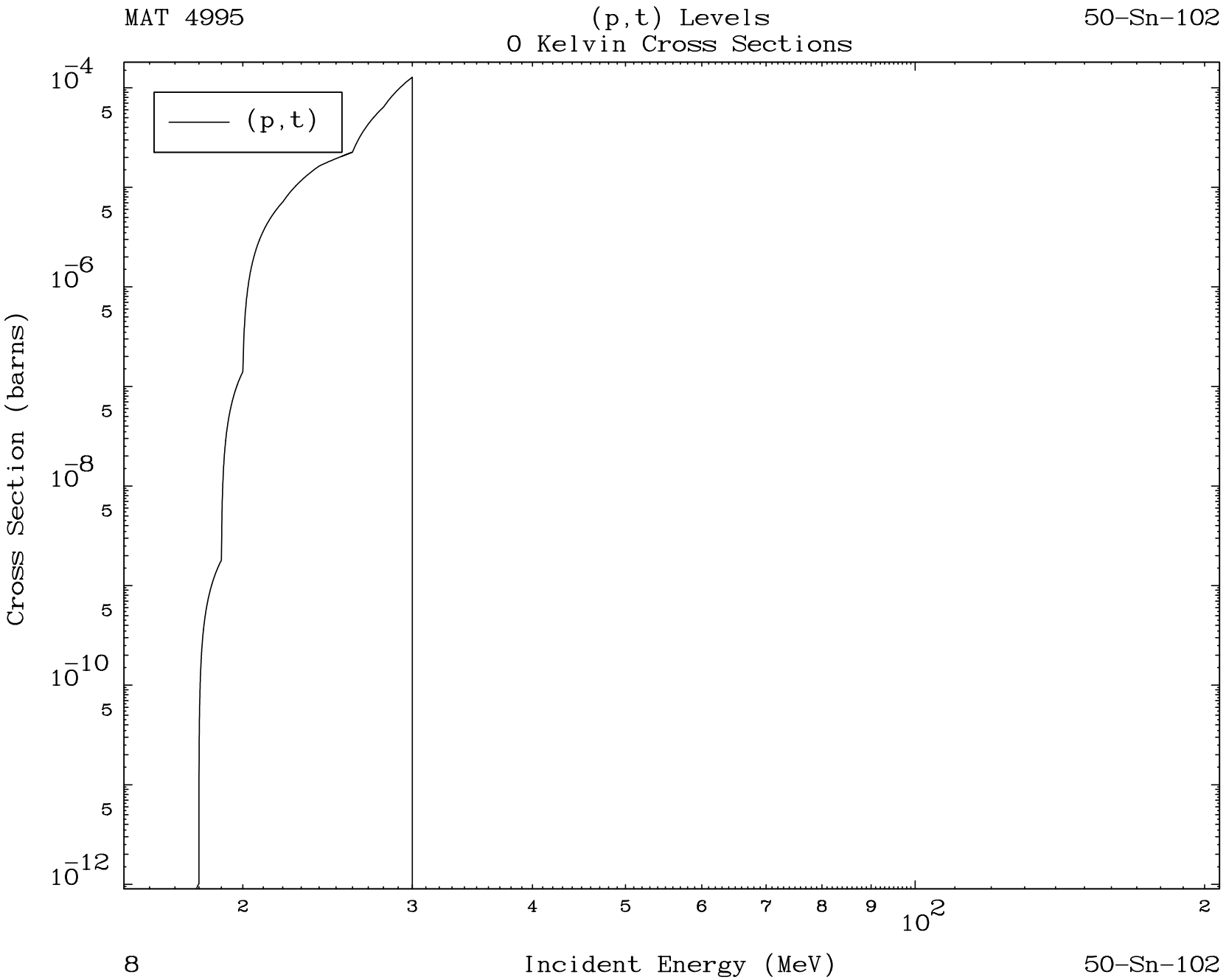

MAT 4995
Proton Charged Particle
0 Kelvin Cross Sections
50-Sn-102
Cross Section (barns)
Incident Energy (MeV)
(p,n') α
(p,n') p
(p,n') d
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
(p,t)
3
50-Sn-102

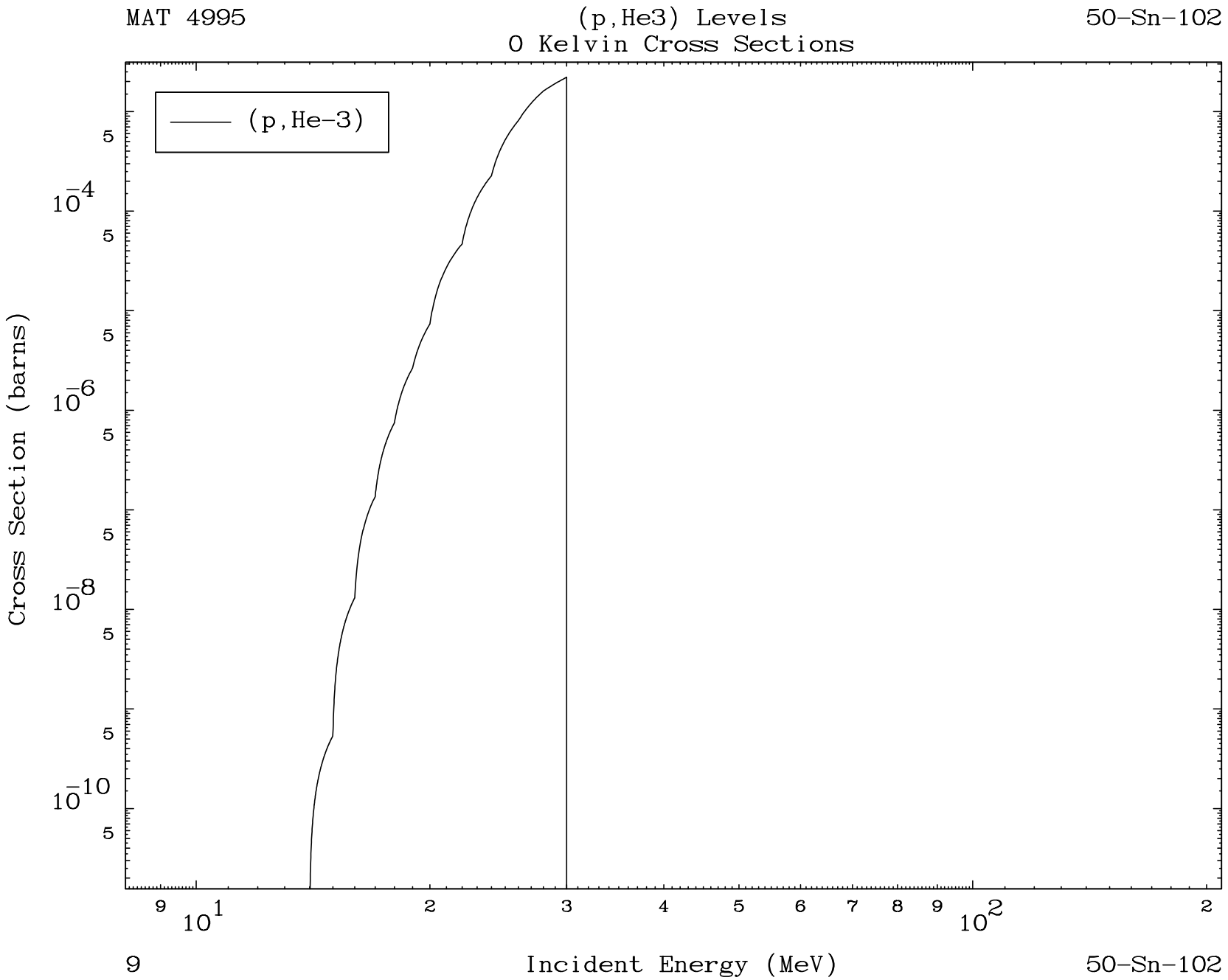

MAT 4995
Proton Charged Particle
0 Kelvin Cross Sections
50-Sn-102
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102
4

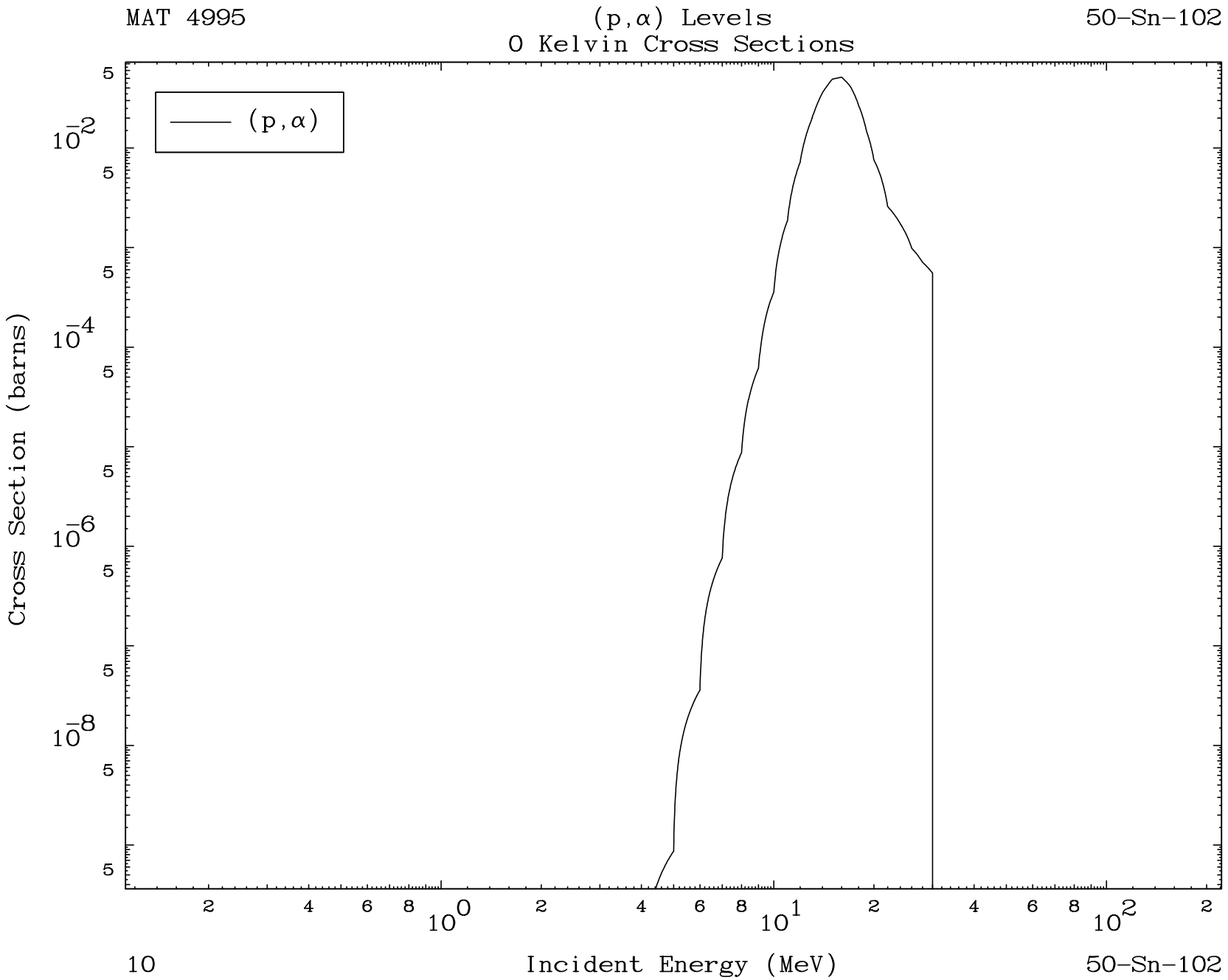

MAT 4995
(p,n') Level
50-Sn-102
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-3
10-4
10-5
6
4
2
8
6
4
2
8
6
4
2
8
6
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
50-Sn-102

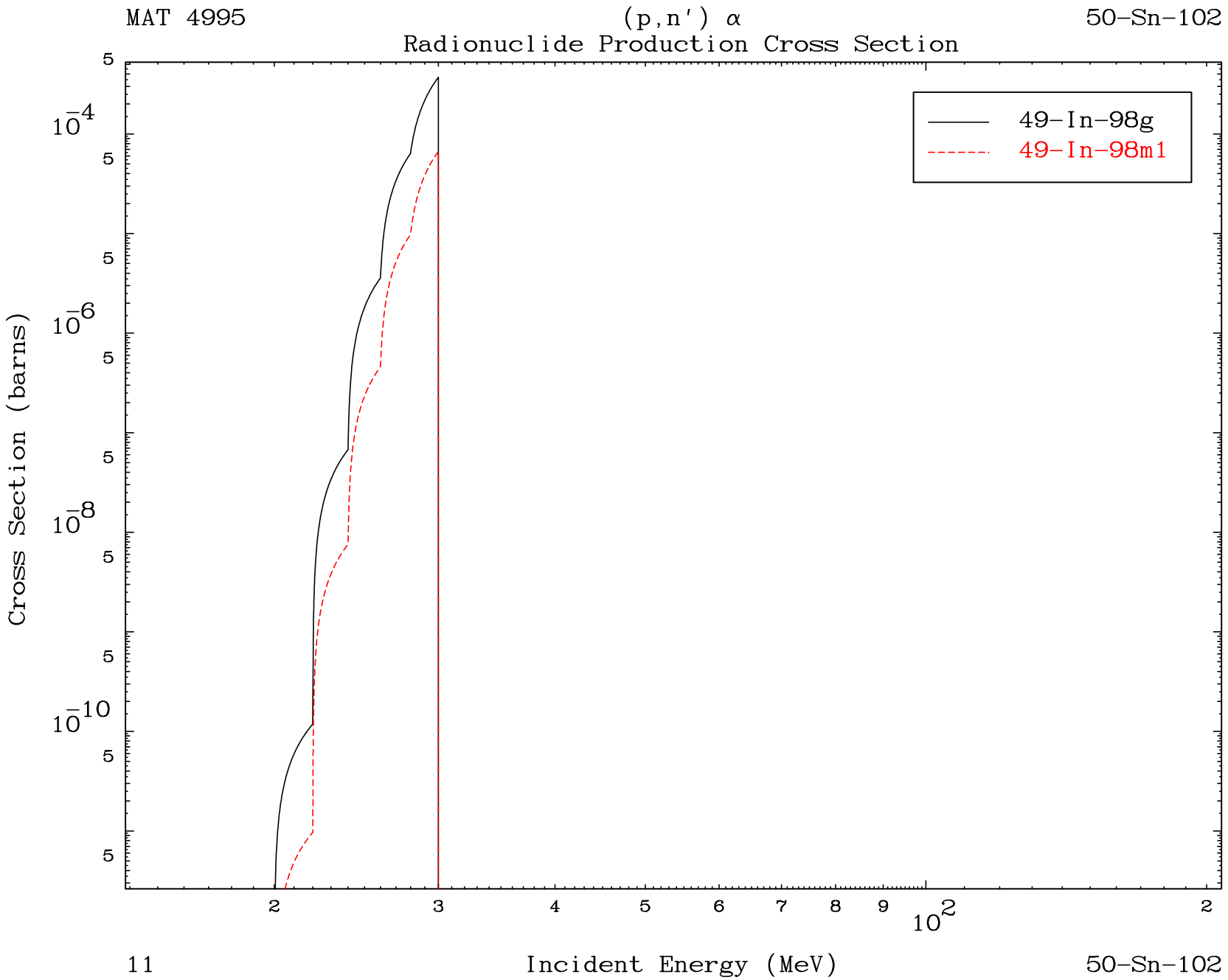

MAT 4995
(p,p) Levels
50-Sn-102
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
50-Sn-102

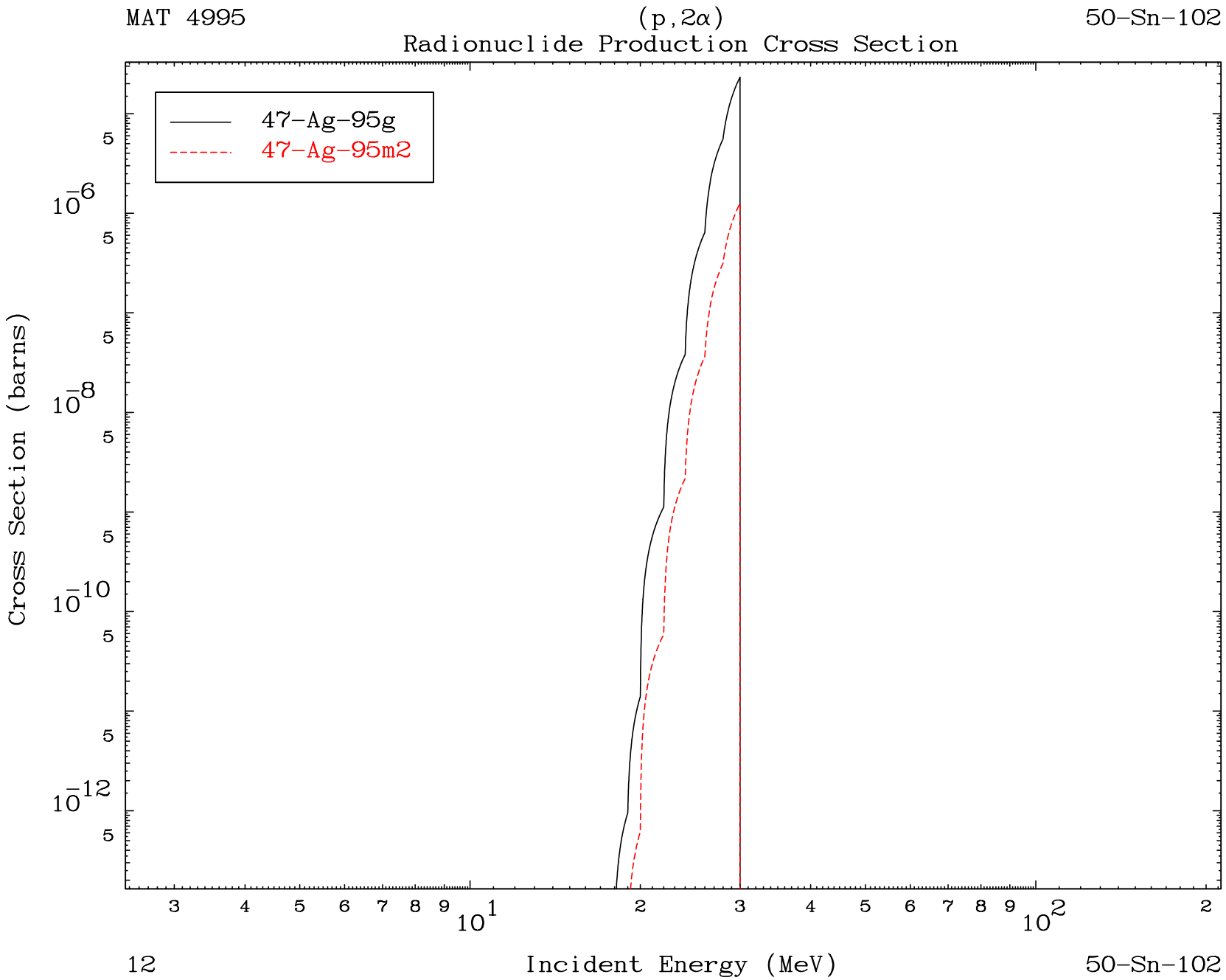

MAT 4995
(p,d) Levels
50-Sn-102
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
50-Sn-102
7


MAT 4995
(p,t) Levels
50-Sn-102
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
50-Sn-102


MAT 4995
(p,He3) Levels
50-Sn-102
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102
9


MAT 4995
(p,α) Levels
50-Sn-102
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102


MAT 4995
(p,n') α
50-Sn-102
Radionuclide Production Cross Section
49-In-98g
49-In-98m1
Cross Section (barns)
Incident Energy (MeV)
11
50-Sn-102


MAT 4995
(p,2α)
50-Sn-102
Radionuclide Production Cross Section
47-Ag-95g
47-Ag-95m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
12
Incident Energy (MeV)
50-Sn-102