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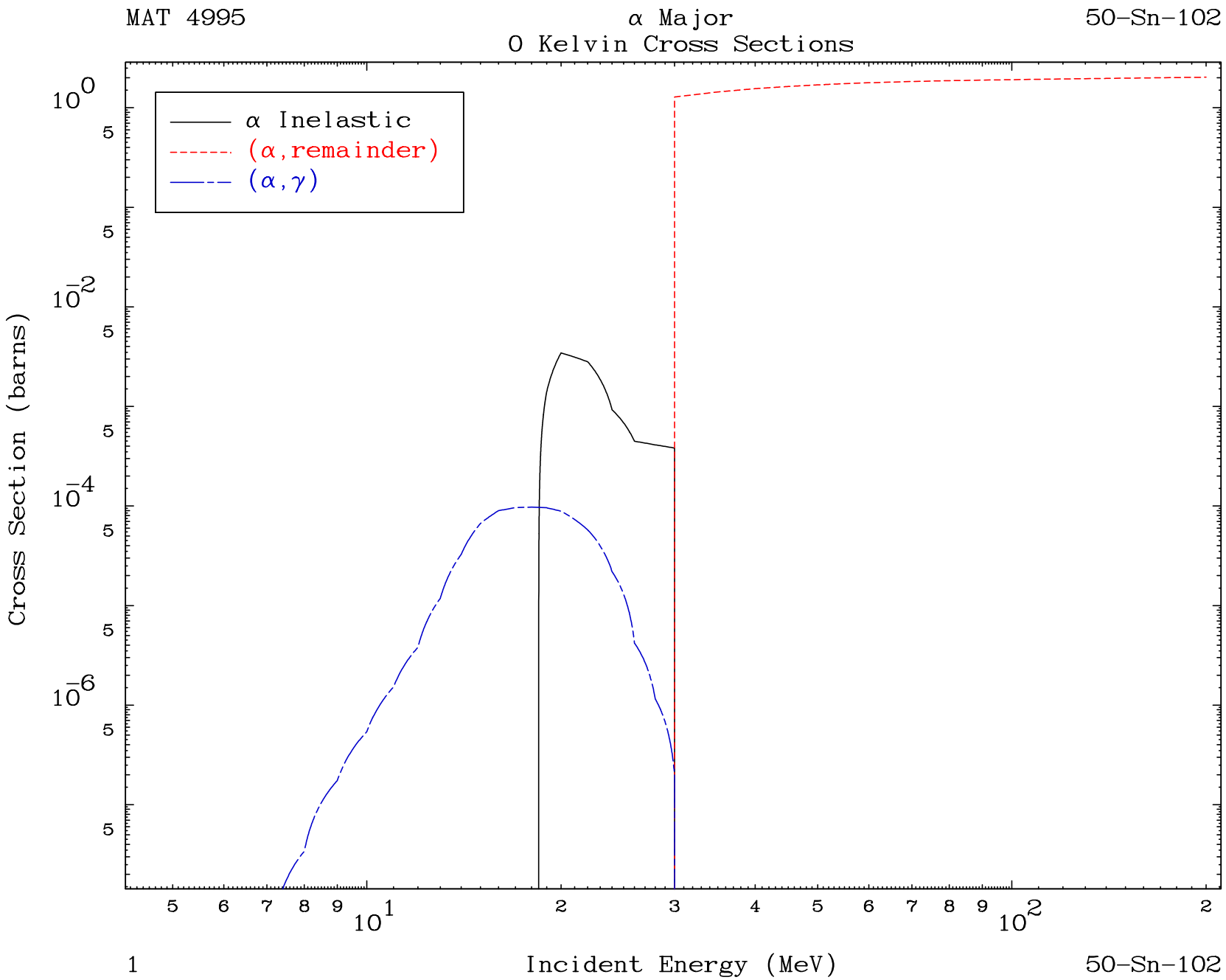
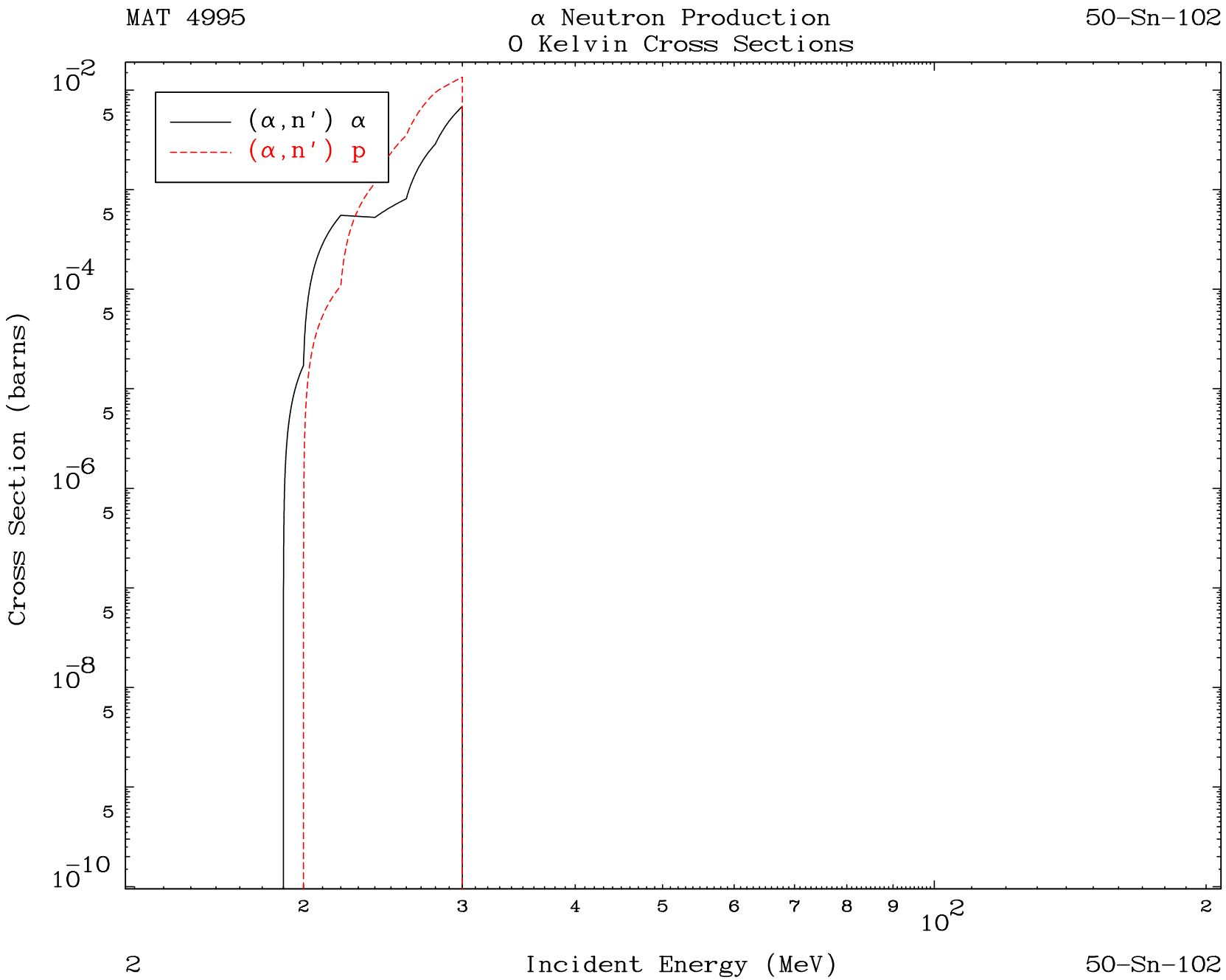
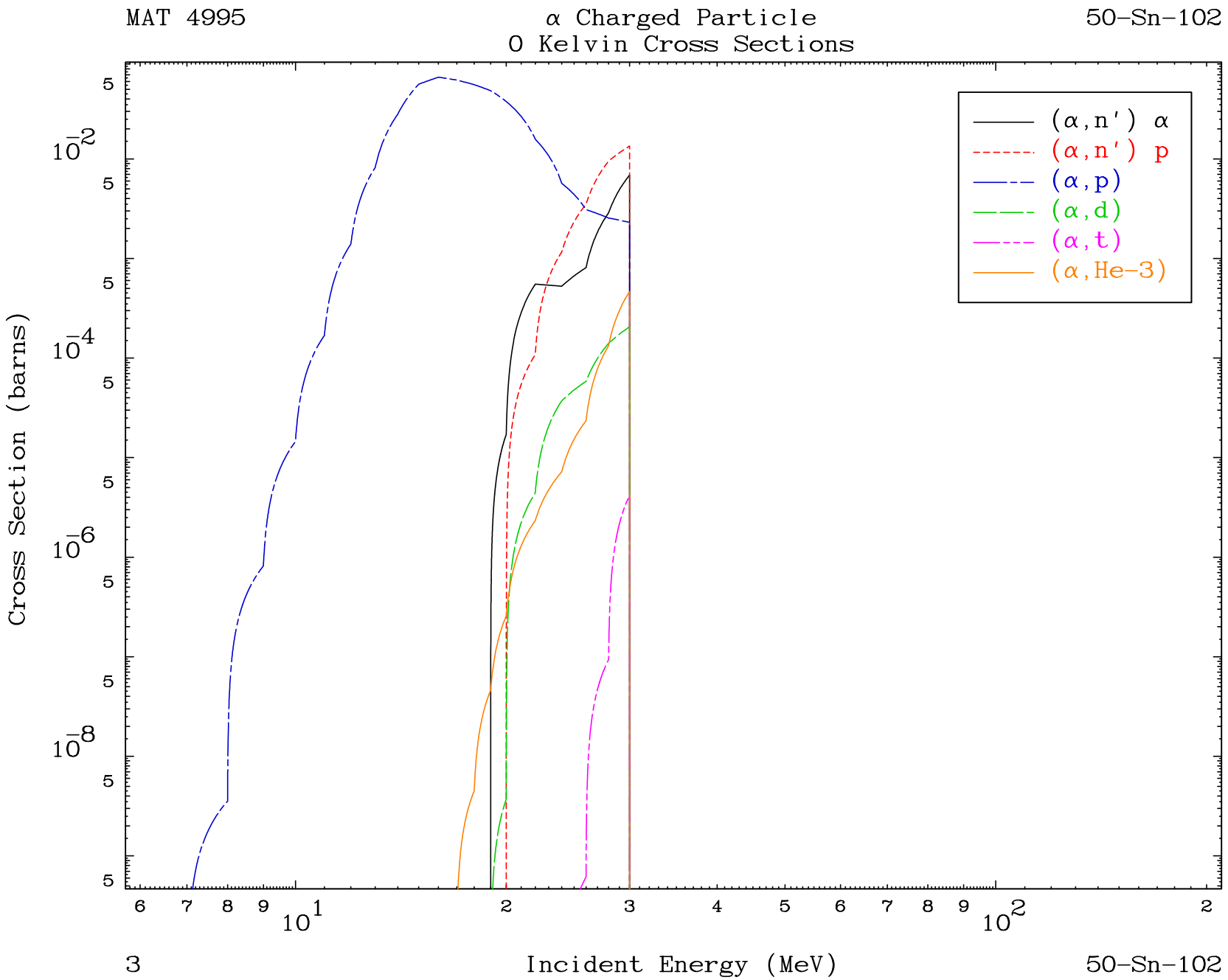
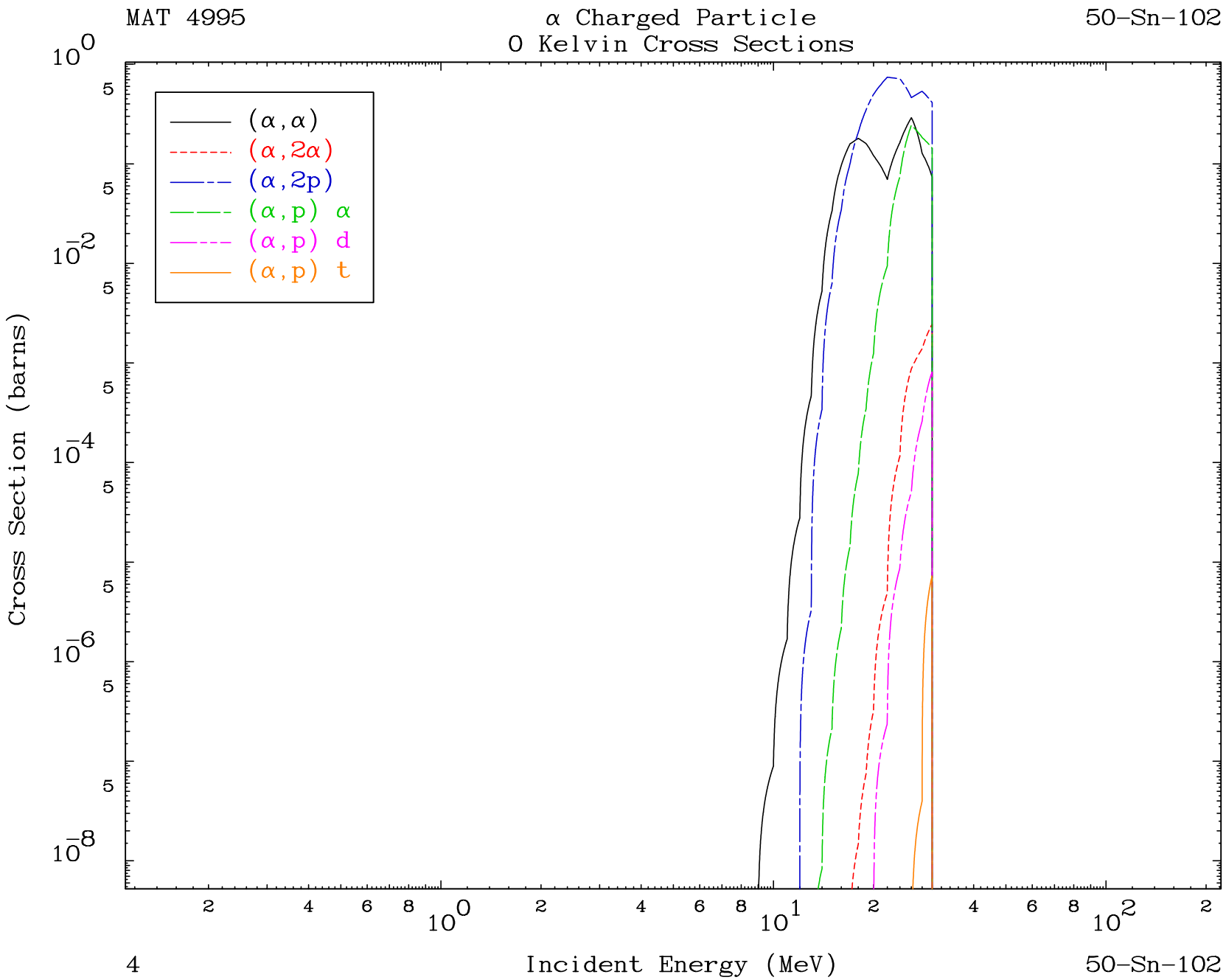
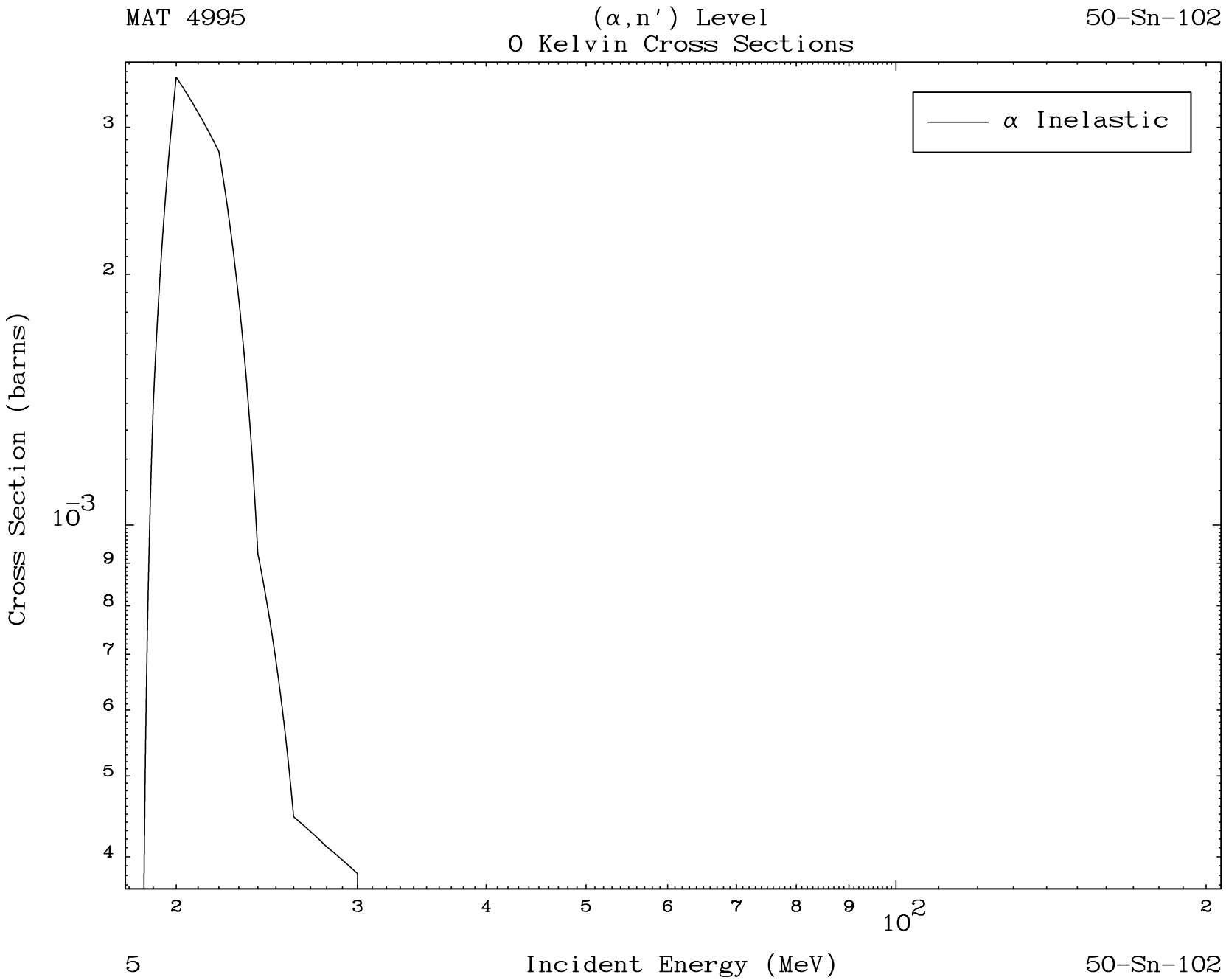
Press Mouse Button to Start

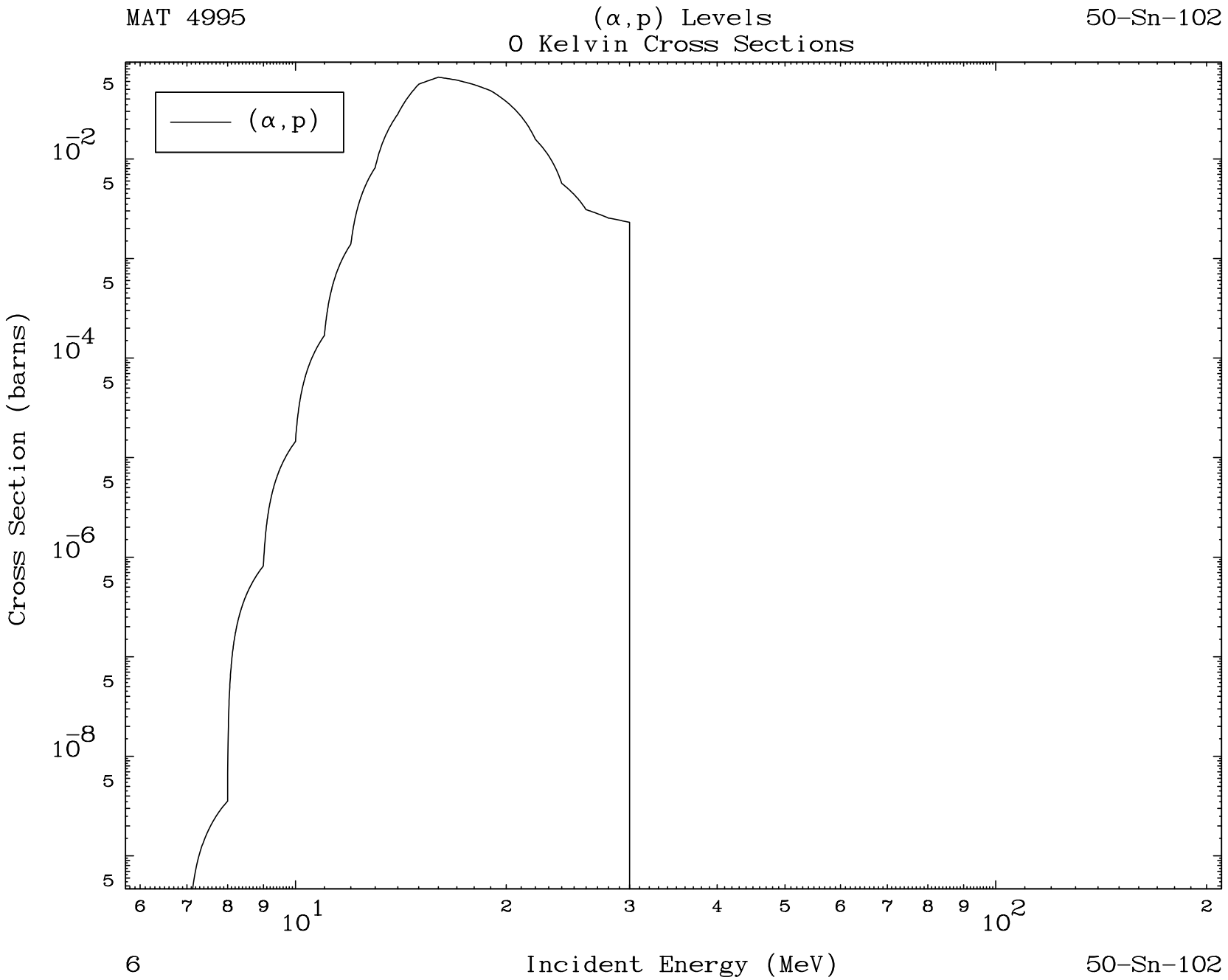

MAT 4995
α Major
50-Sn-102
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102
1

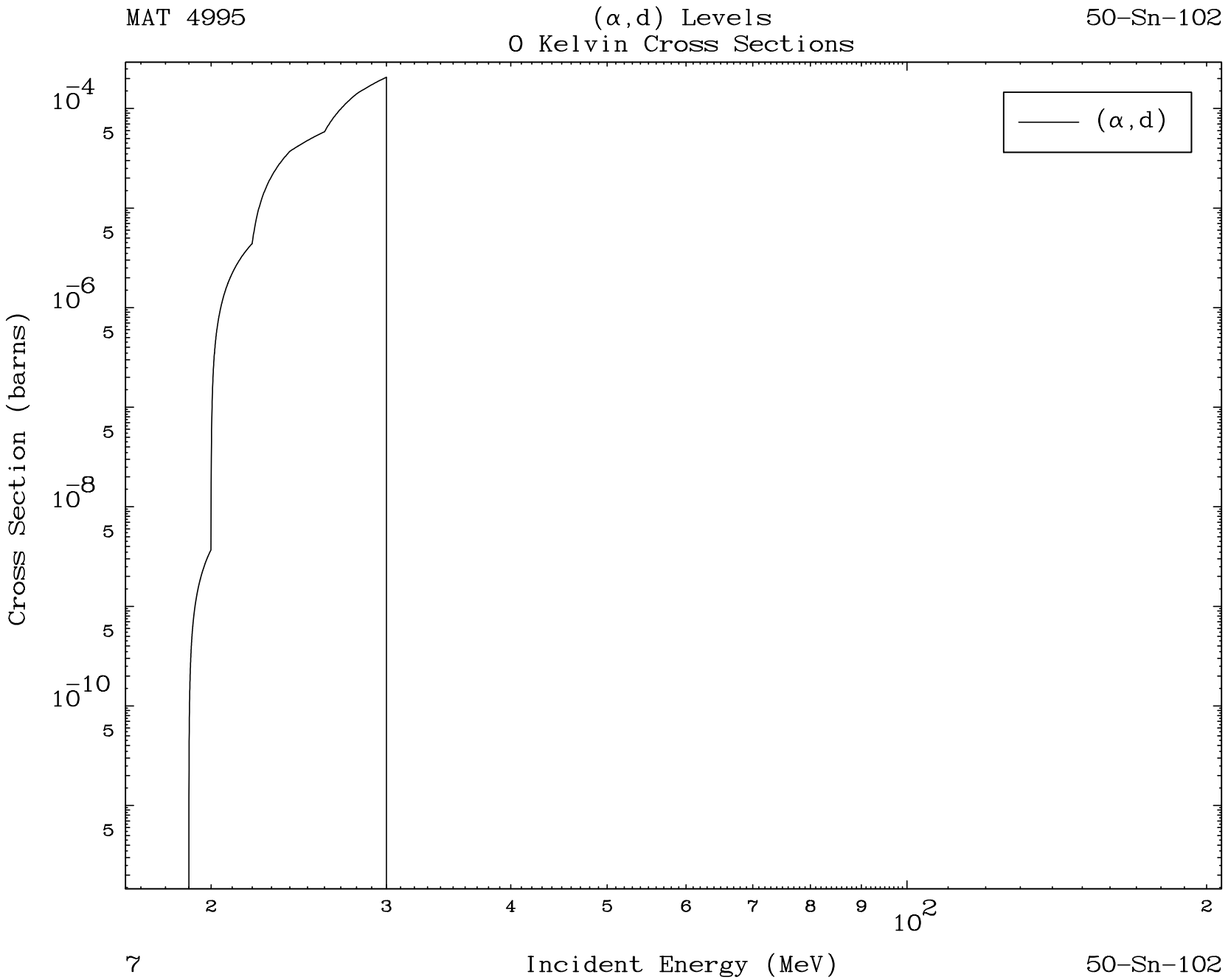

MAT 4995
α Neutron Production
0 Kelvin Cross Sections
50-Sn-102
(α,n') α
(α,n') p
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
50-Sn-102

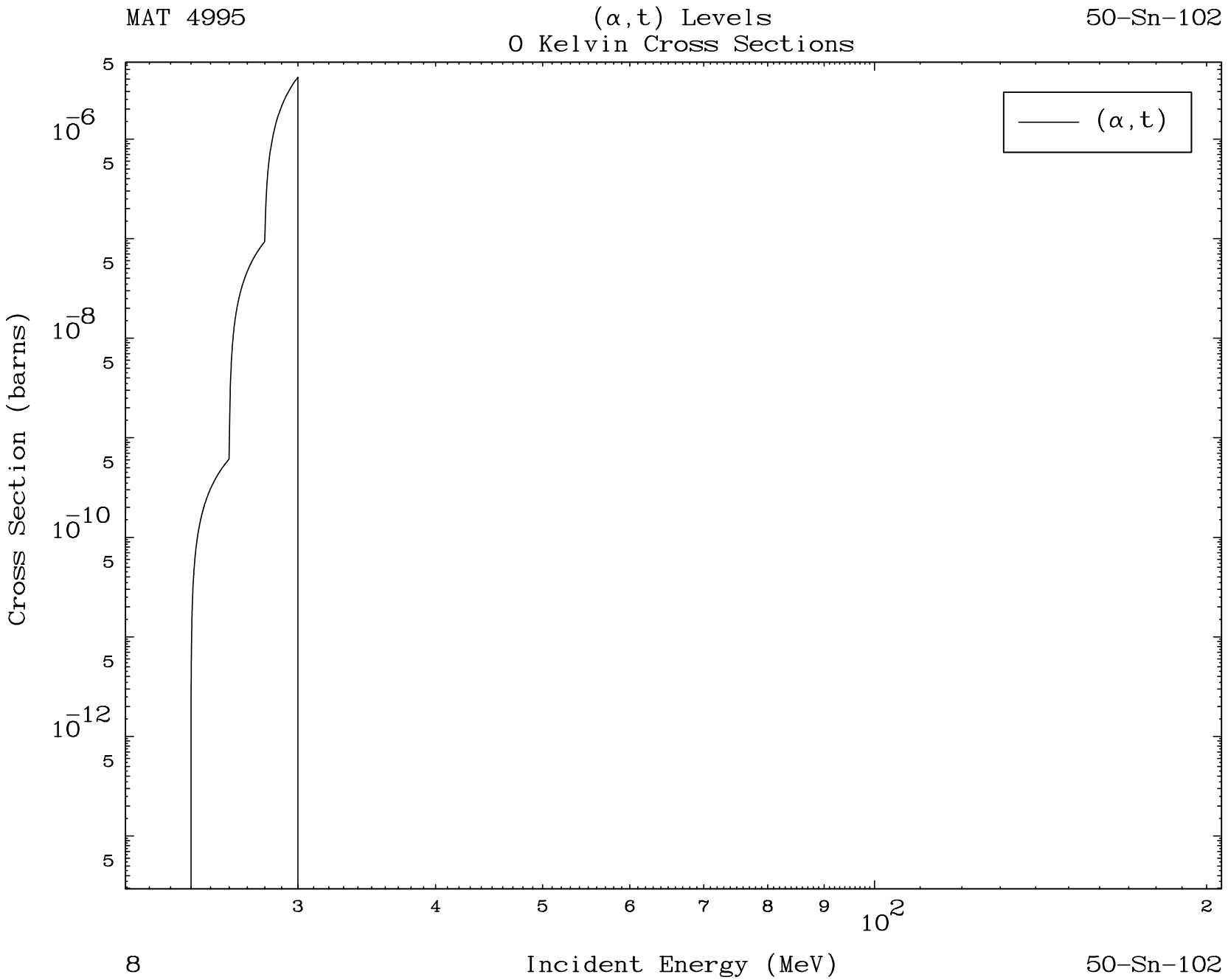

MAT 4995
α Charged Particle
0 Kelvin Cross Sections
50-Sn-102
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
3
50-Sn-102

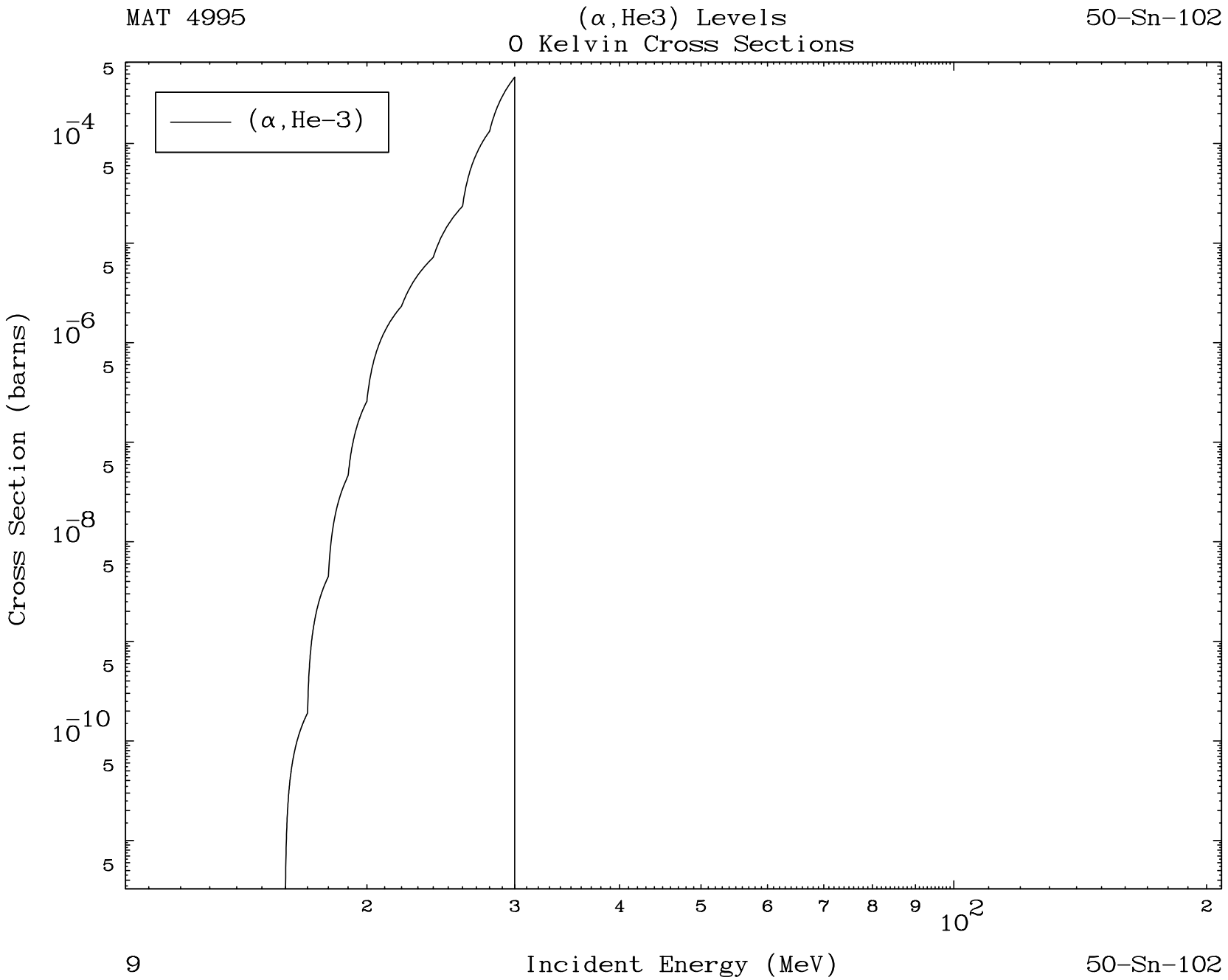

MAT 4995
α Charged Particle
0 Kelvin Cross Sections
50-Sn-102
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
50-Sn-102
4

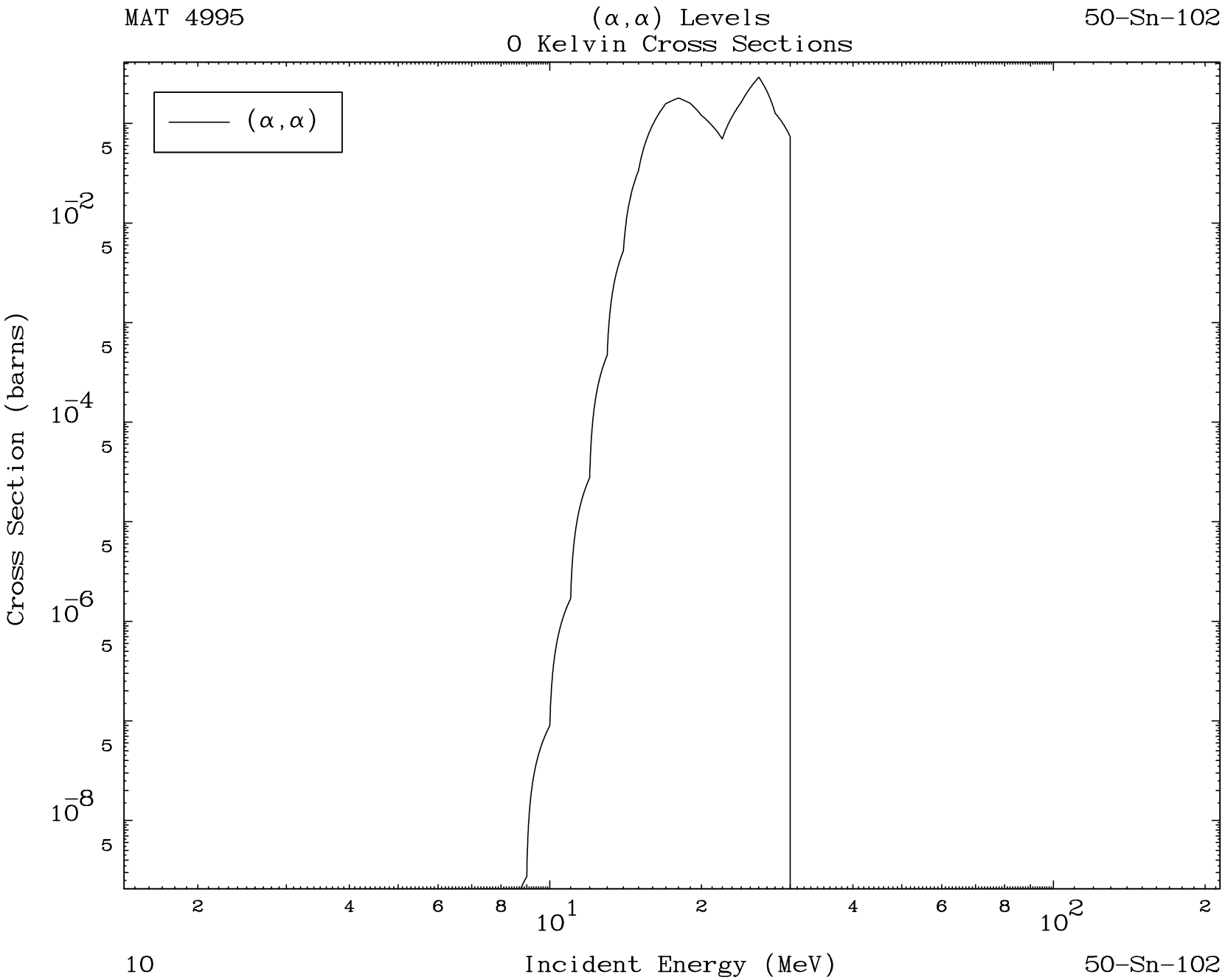

MAT 4995
(α,n') Level
50-Sn-102
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-3
3
2
9
8
7
6
5
4
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
5
50-Sn-102


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


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


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


MAT 4995
(α,He3) Levels
50-Sn-102
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10+2
Incident Energy (MeV)
9
50-Sn-102


MAT 4995
(α,α) Levels
50-Sn-102
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10
10^1
10^2
2
4
6
8
Incident Energy (MeV)
50-Sn-102