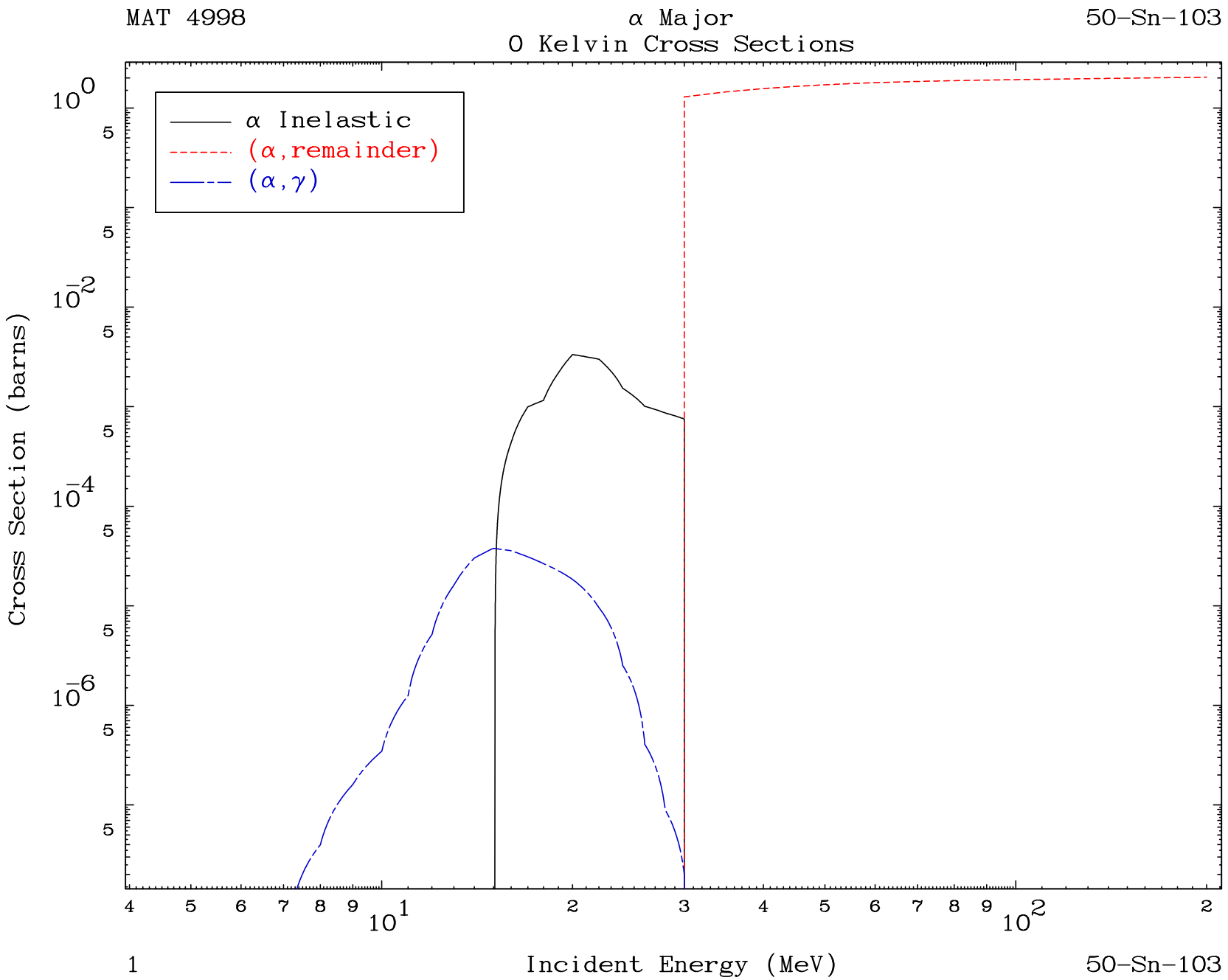
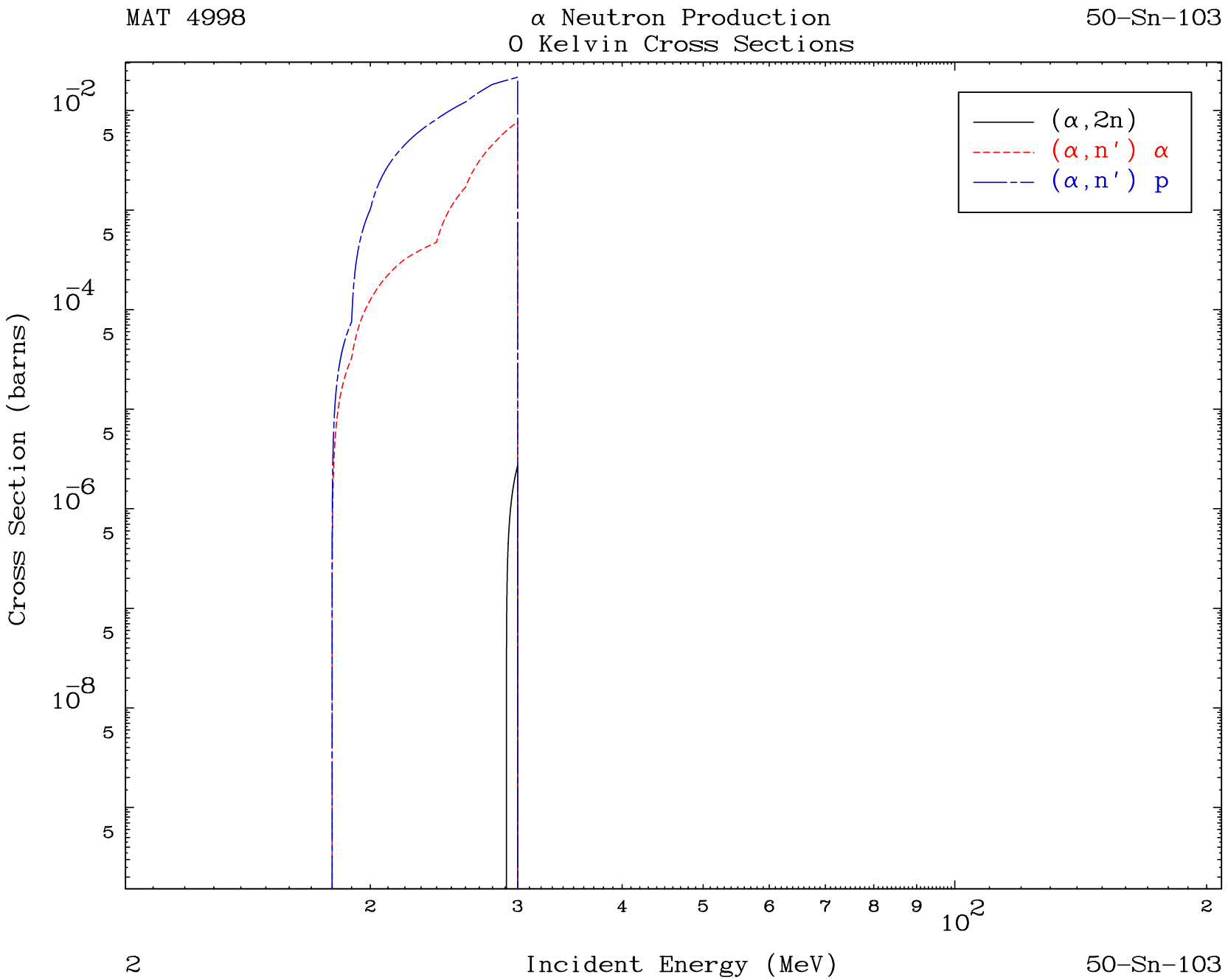
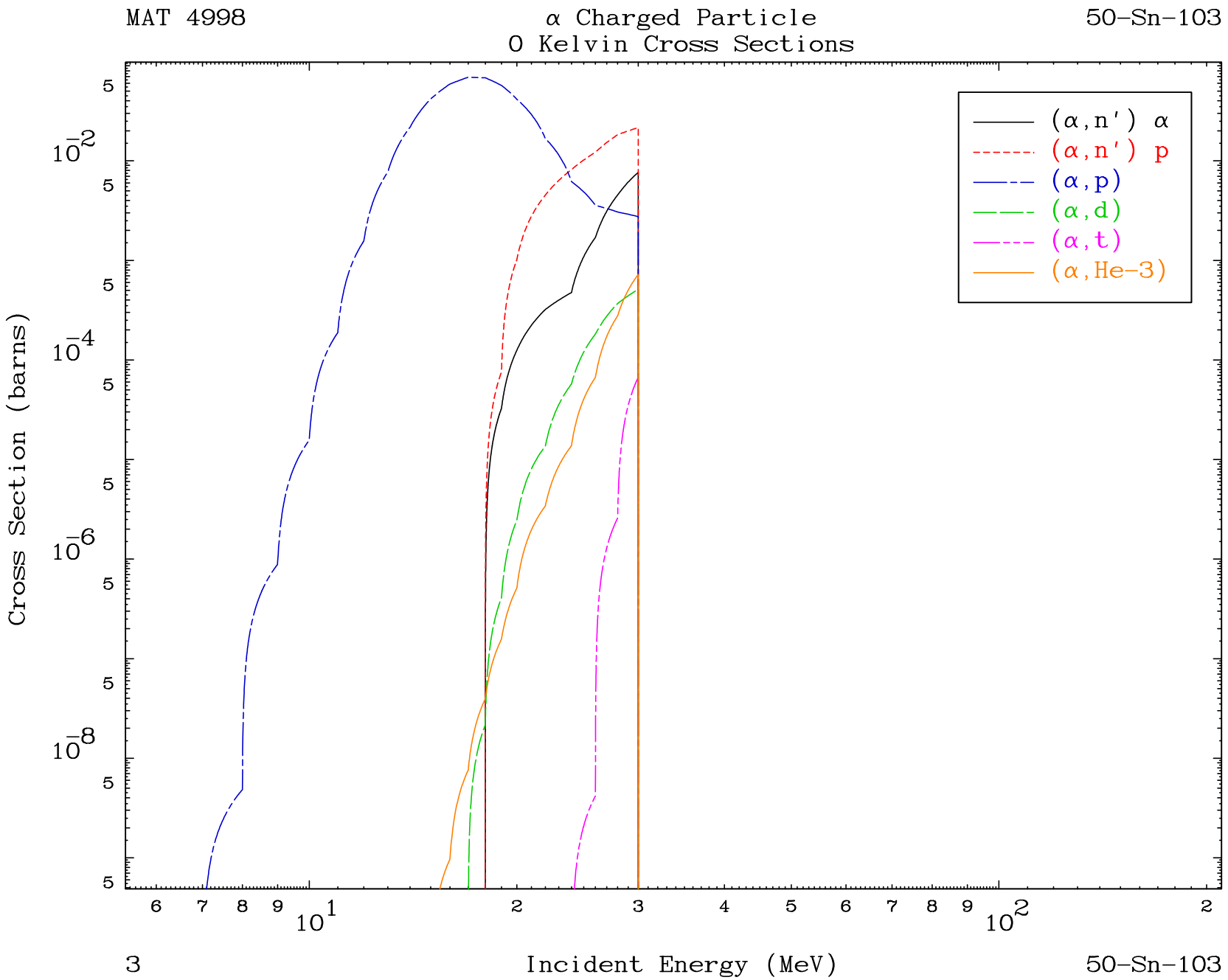
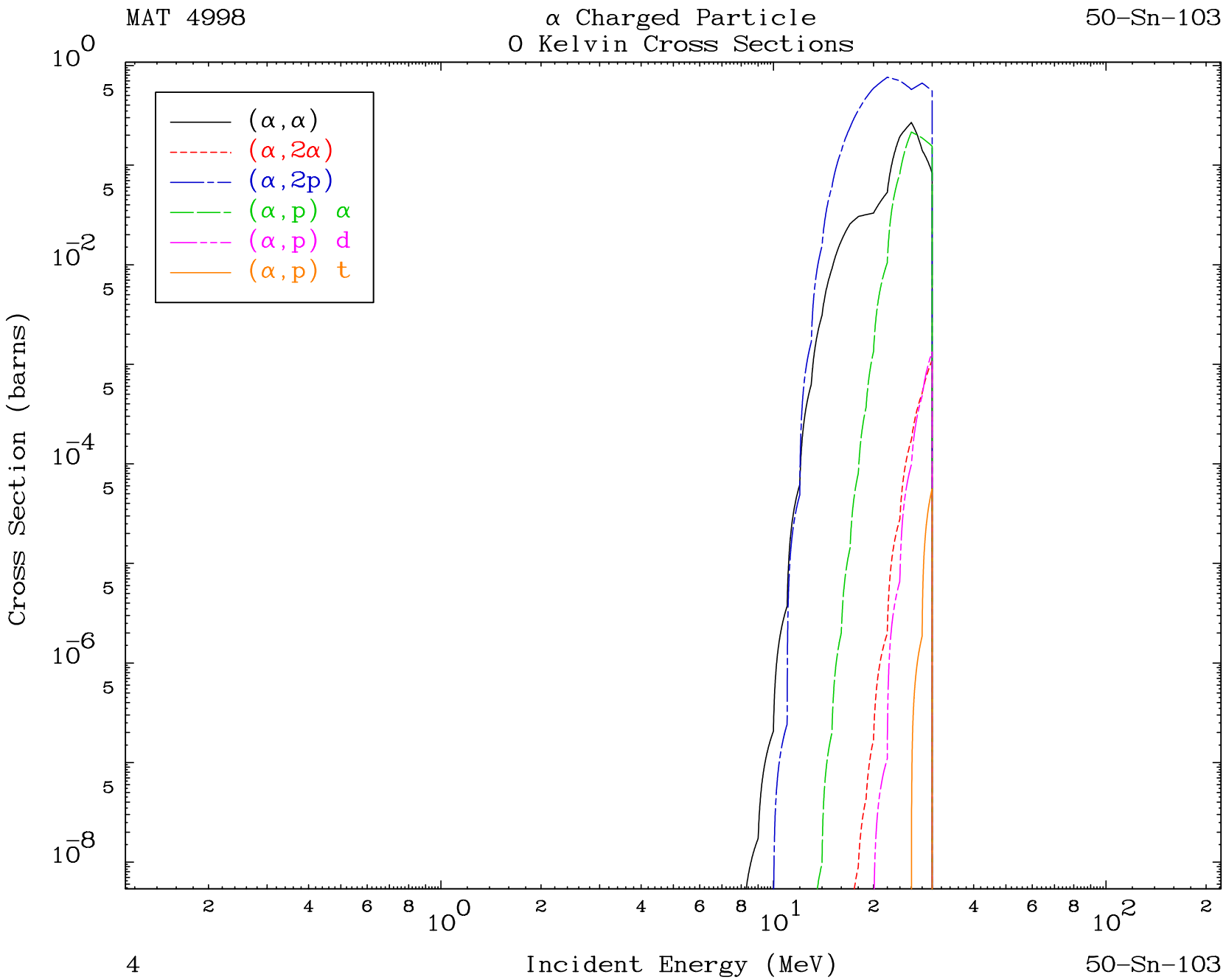
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

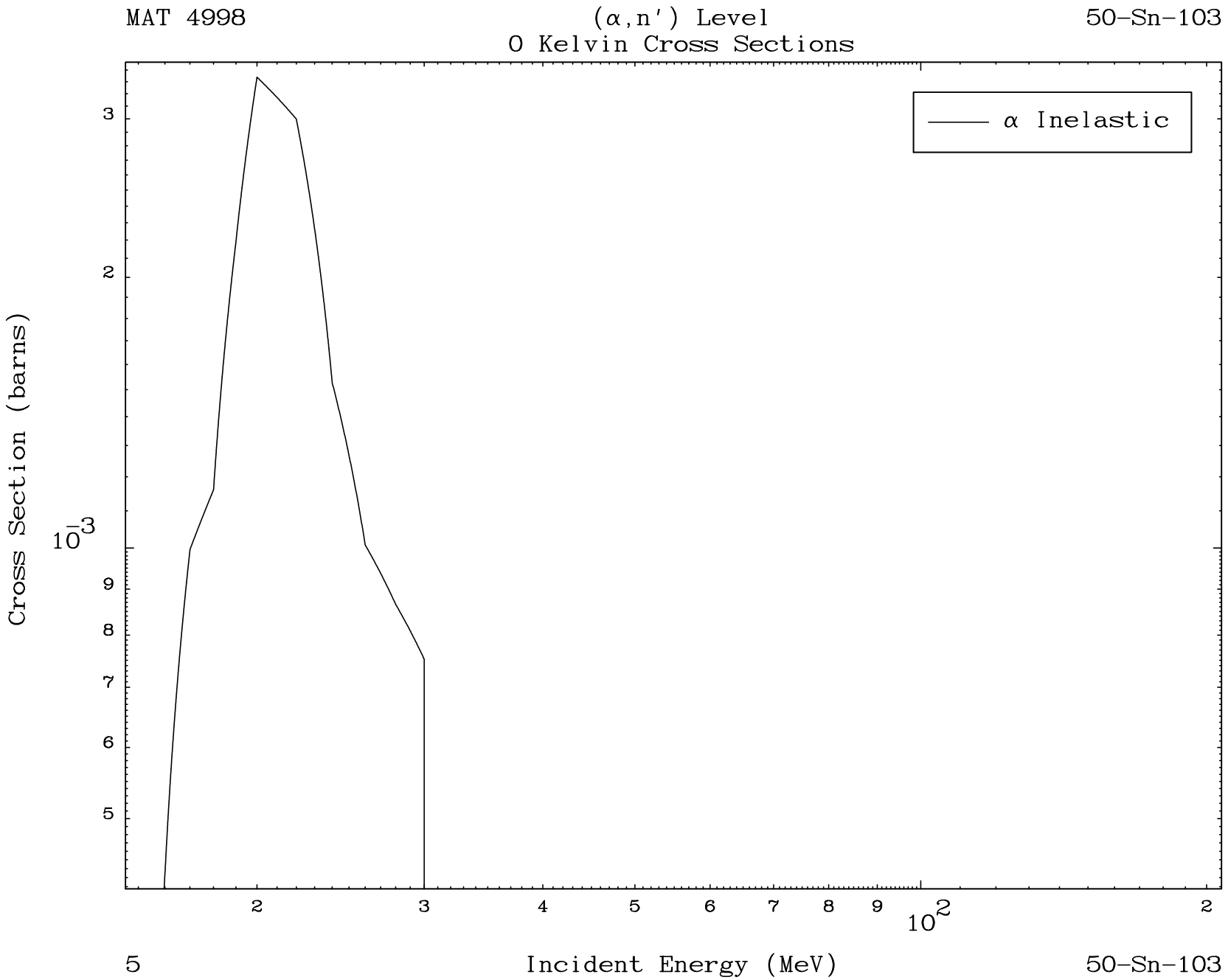
Press Mouse Button to Start

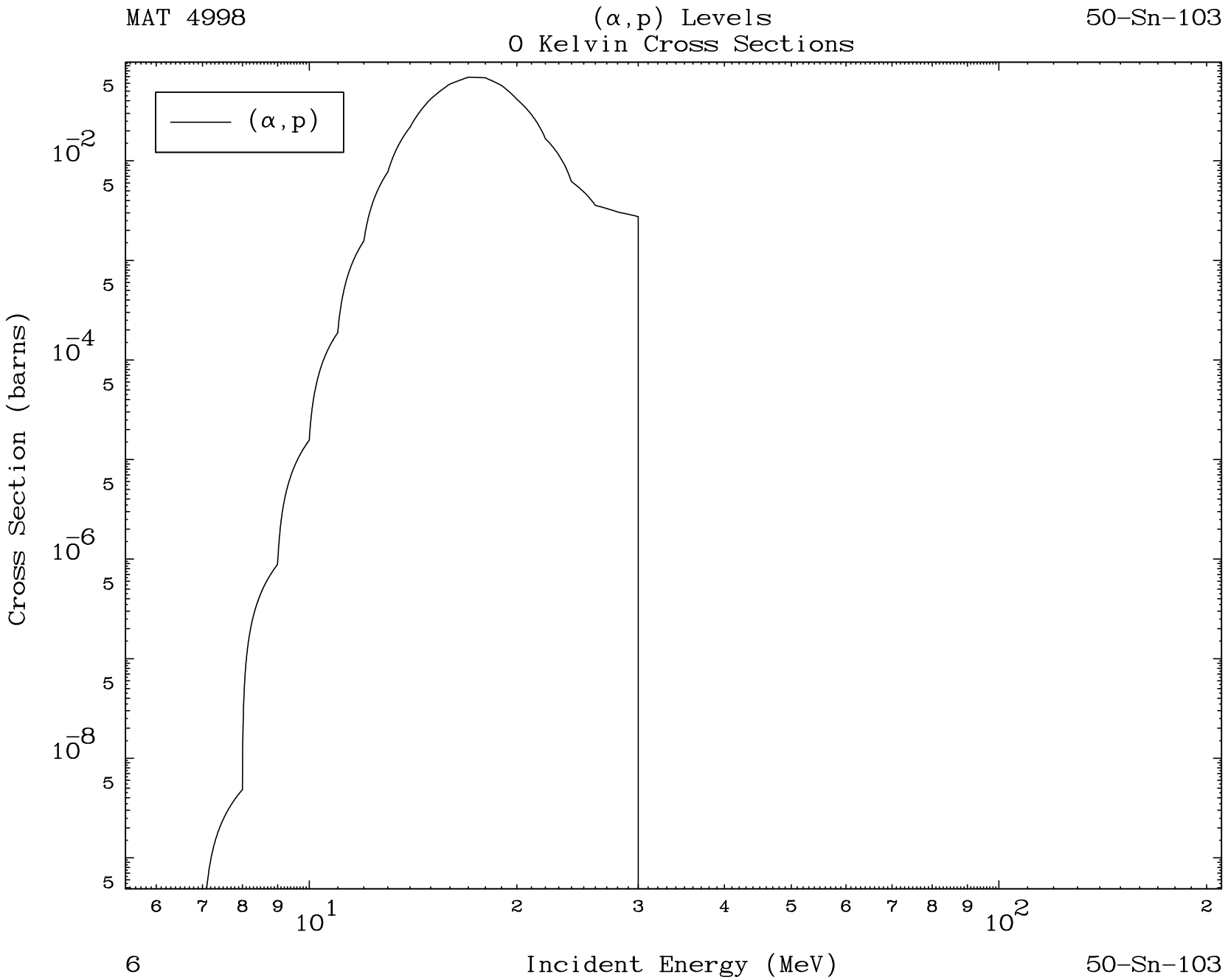

MAT 4998
α Major
50-Sn-103
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
50-Sn-103

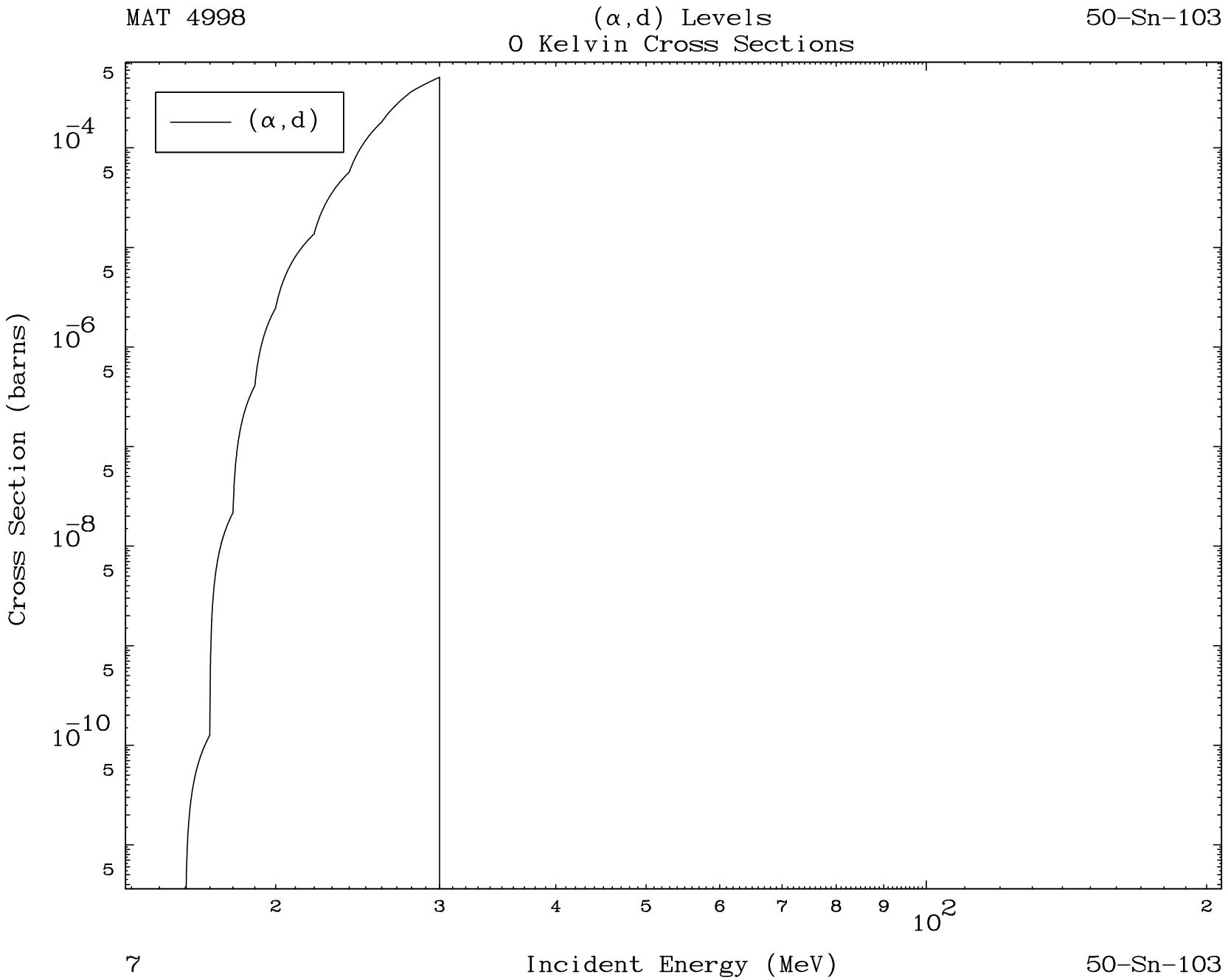

MAT 4998
α Neutron Production
0 Kelvin Cross Sections
50-Sn-103
(α,2n)
(α,n') α
(α,n') p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
50-Sn-103

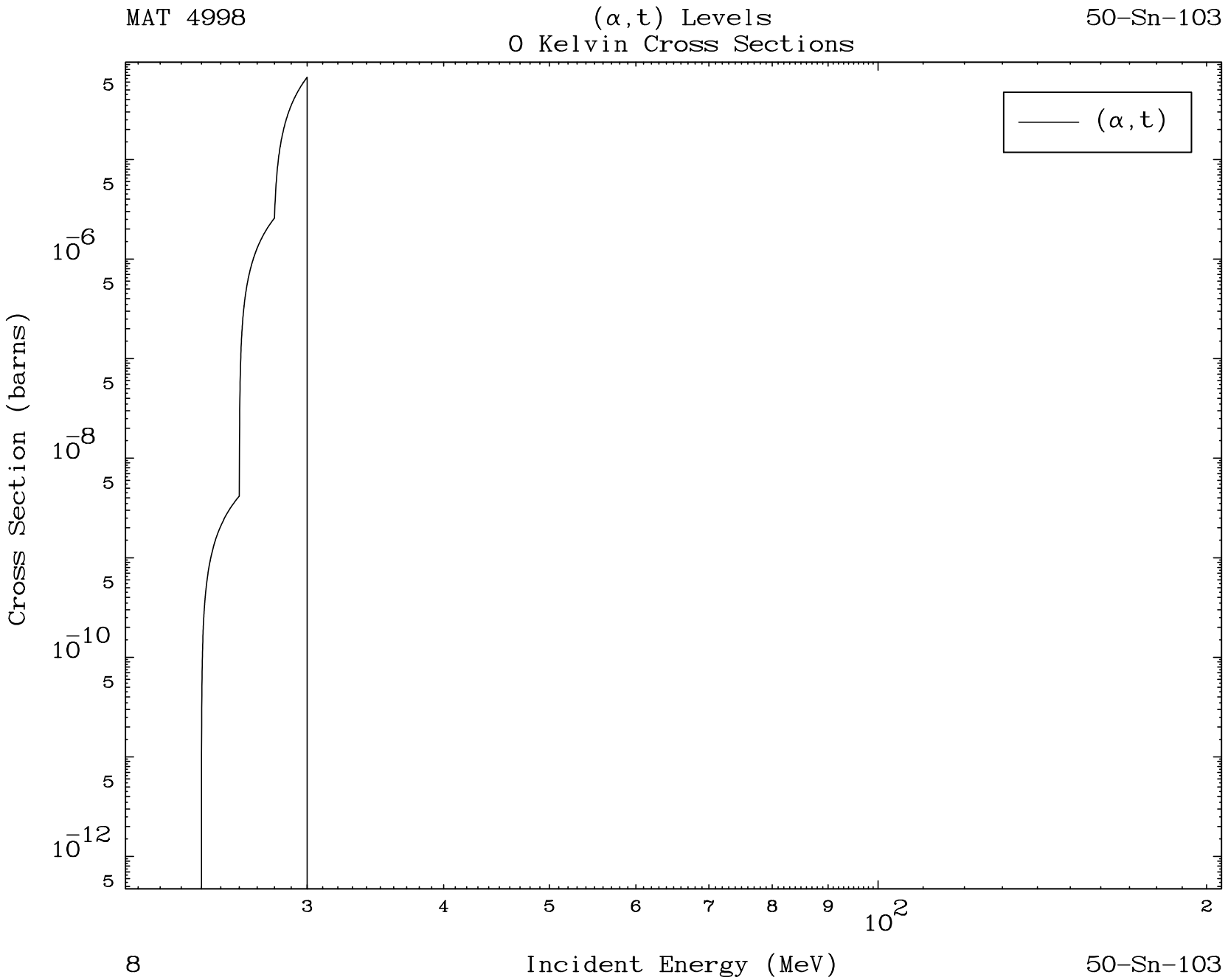

MAT 4998
α Charged Particle
0 Kelvin Cross Sections
50-Sn-103
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
50-Sn-103

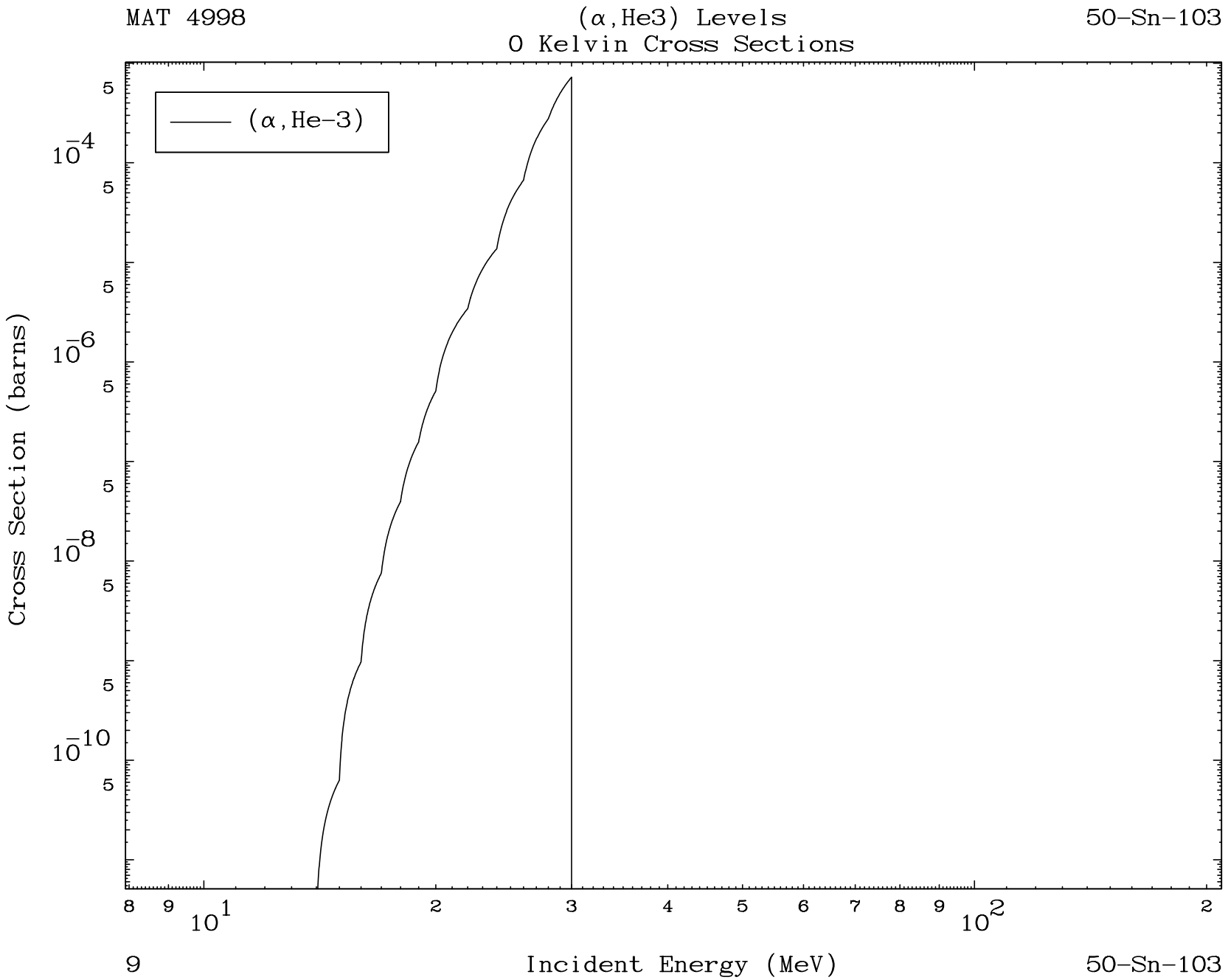

MAT 4998
α Charged Particle
0 Kelvin Cross Sections
50-Sn-103
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
50-Sn-103

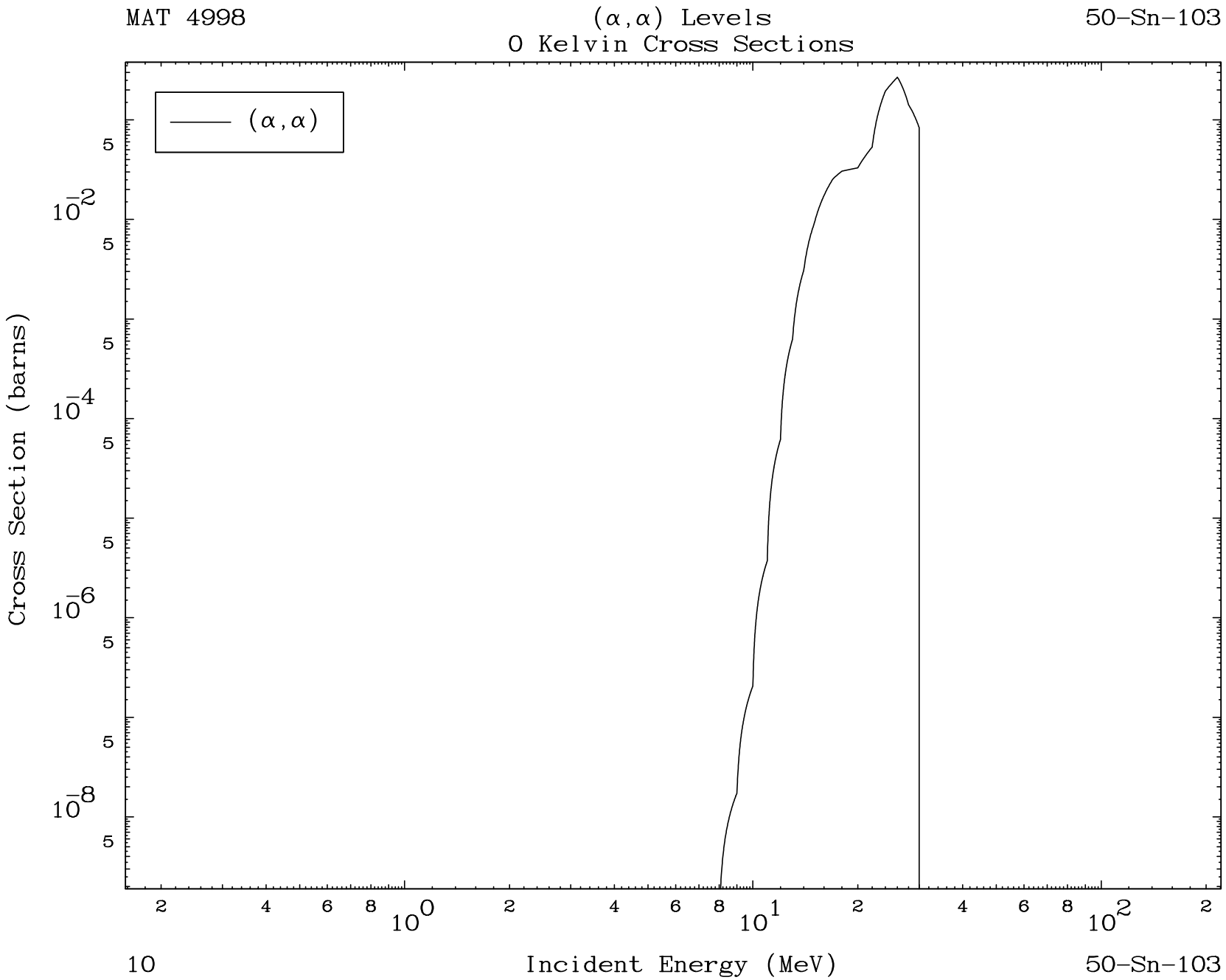

MAT 4998
(α,n') Level
50-Sn-103
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-3
3
2
9
8
7
6
5
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
50-Sn-103


MAT 4998
(α,p) Levels
50-Sn-103
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
50-Sn-103


MAT 4998
(α,d) Levels
50-Sn-103
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
7
50-Sn-103


MAT 4998
(α,t) Levels
50-Sn-103
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
6
7
8
9
10^2
2
Incident Energy (MeV)
8
50-Sn-103


MAT 4998
(α,He3) Levels
50-Sn-103
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
50-Sn-103


MAT 4998
(α,α) Levels
50-Sn-103
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
50-Sn-103