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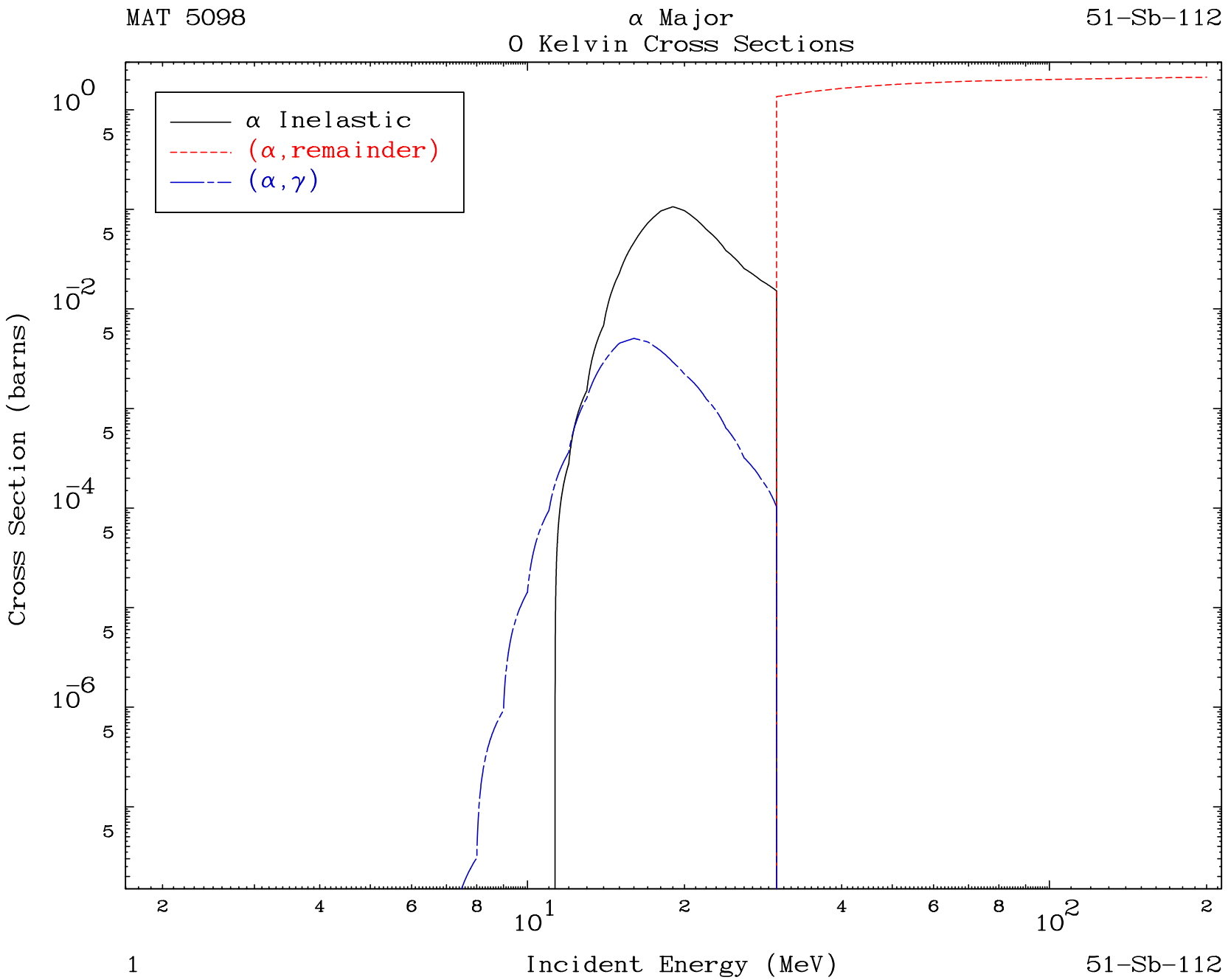
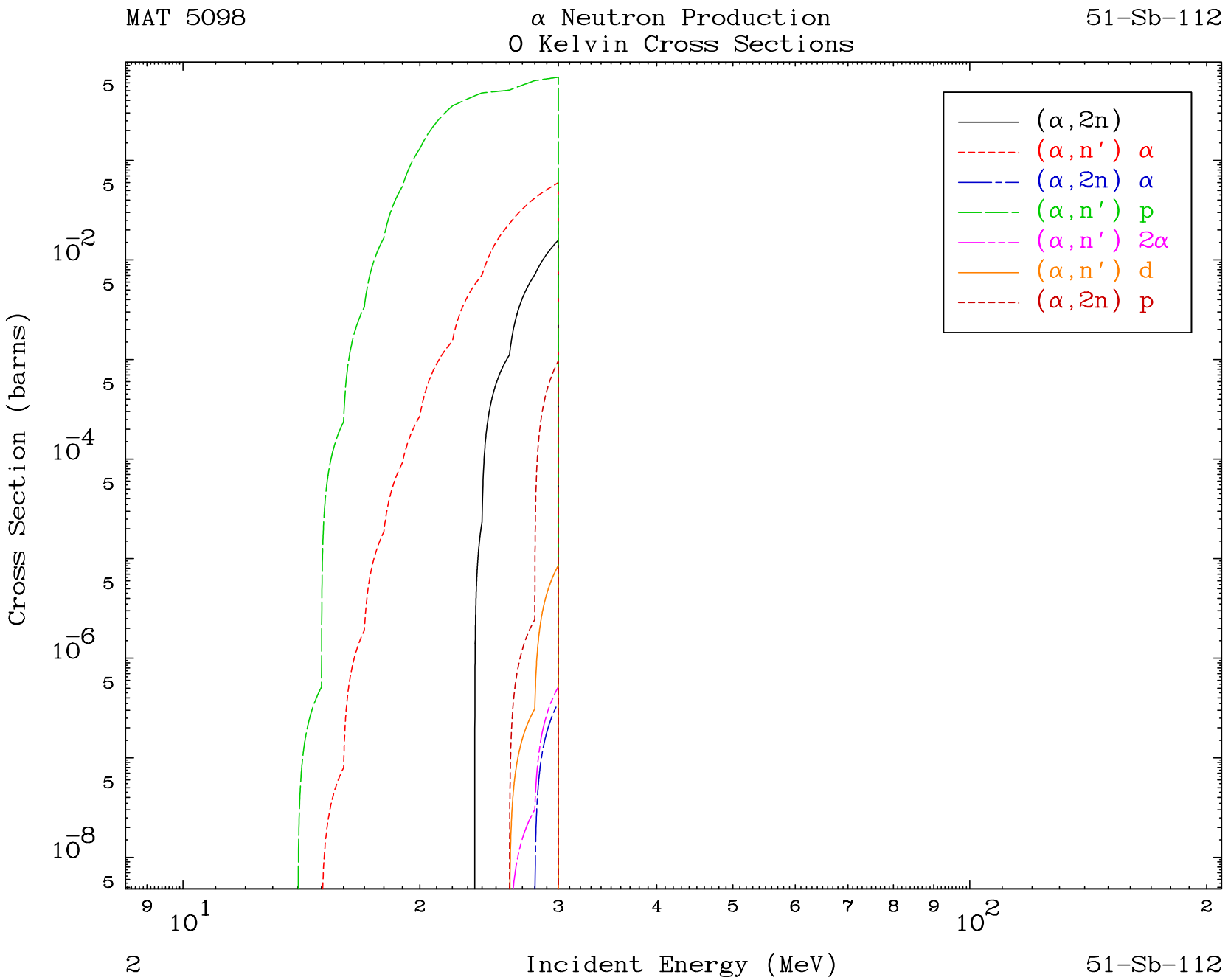
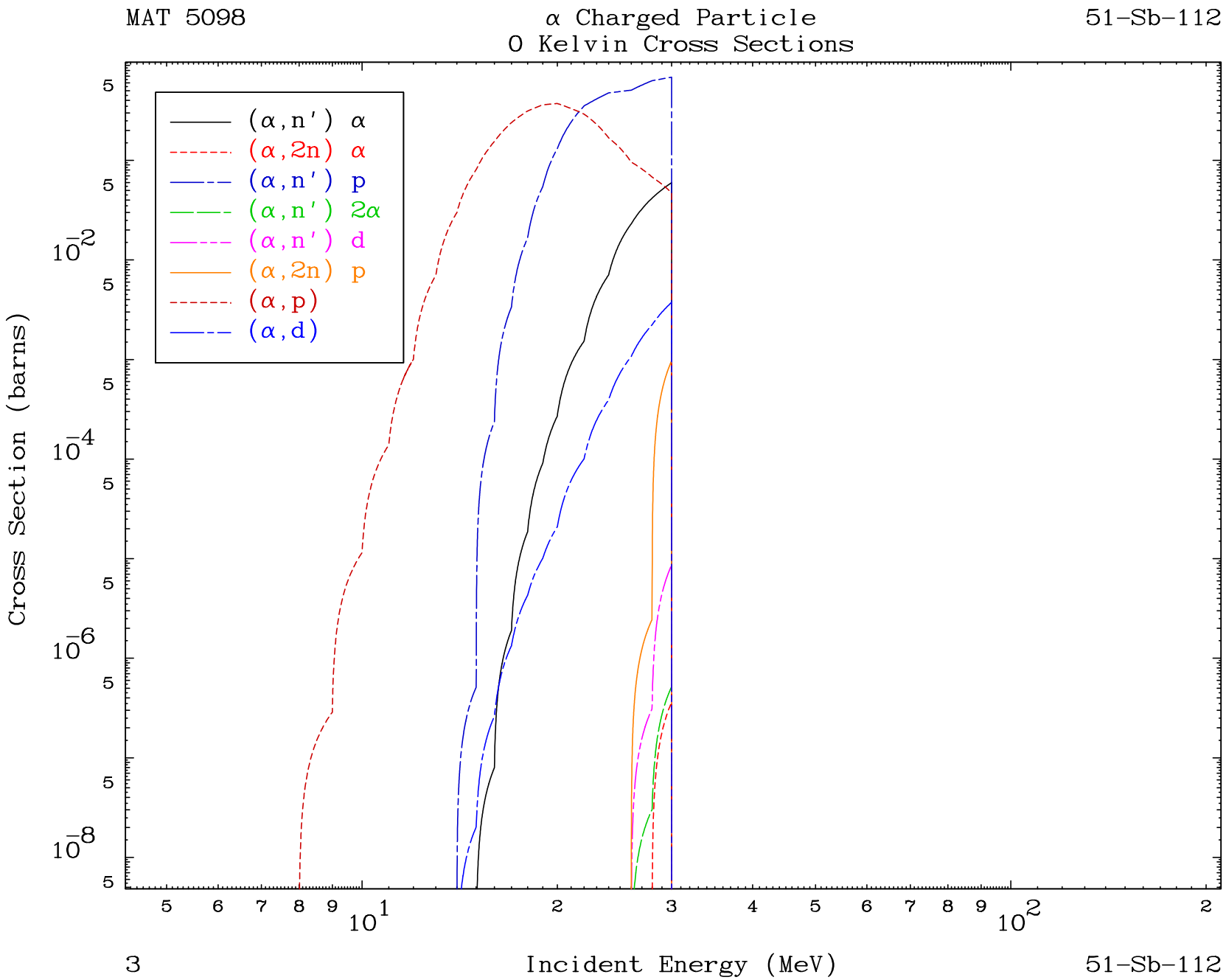
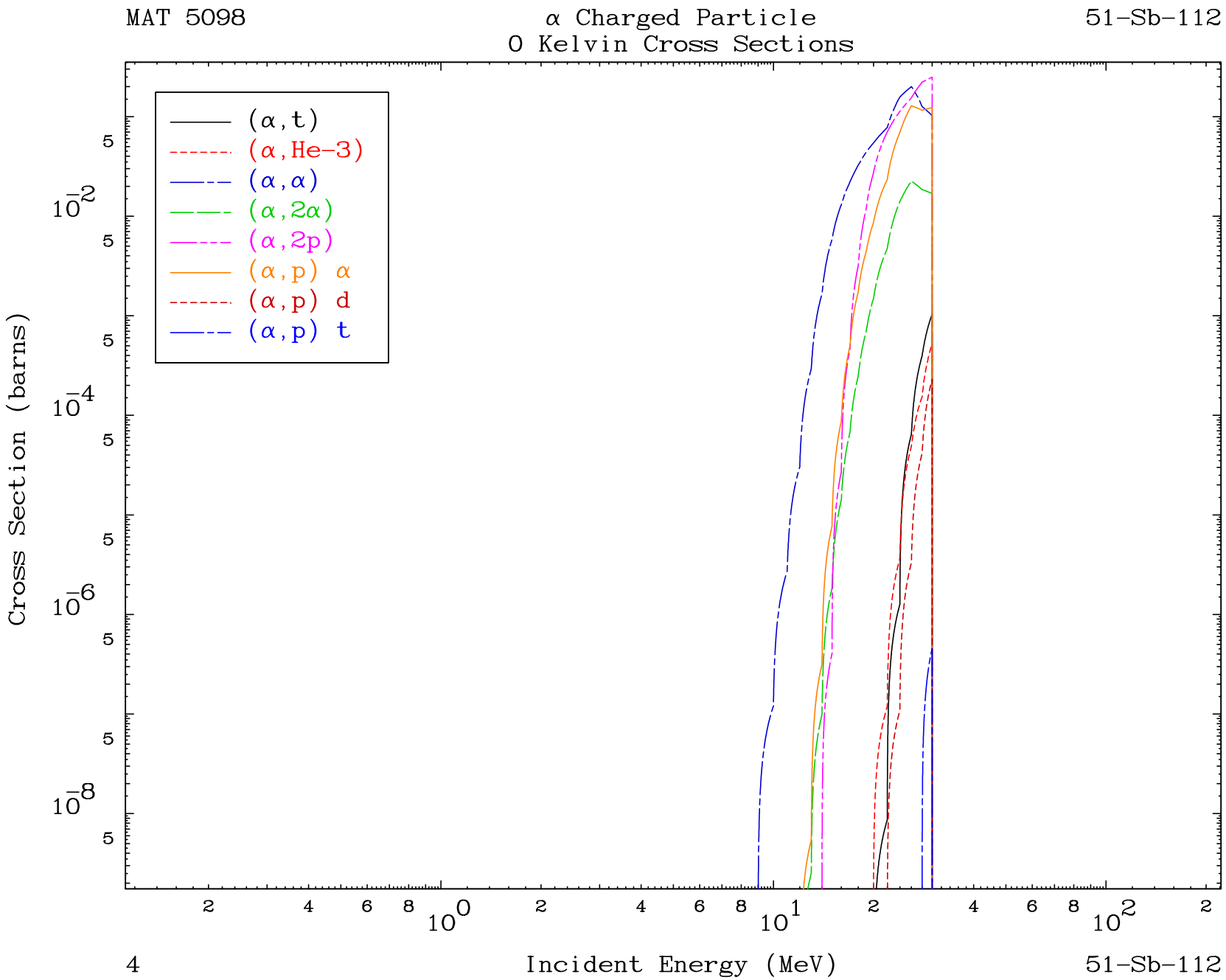
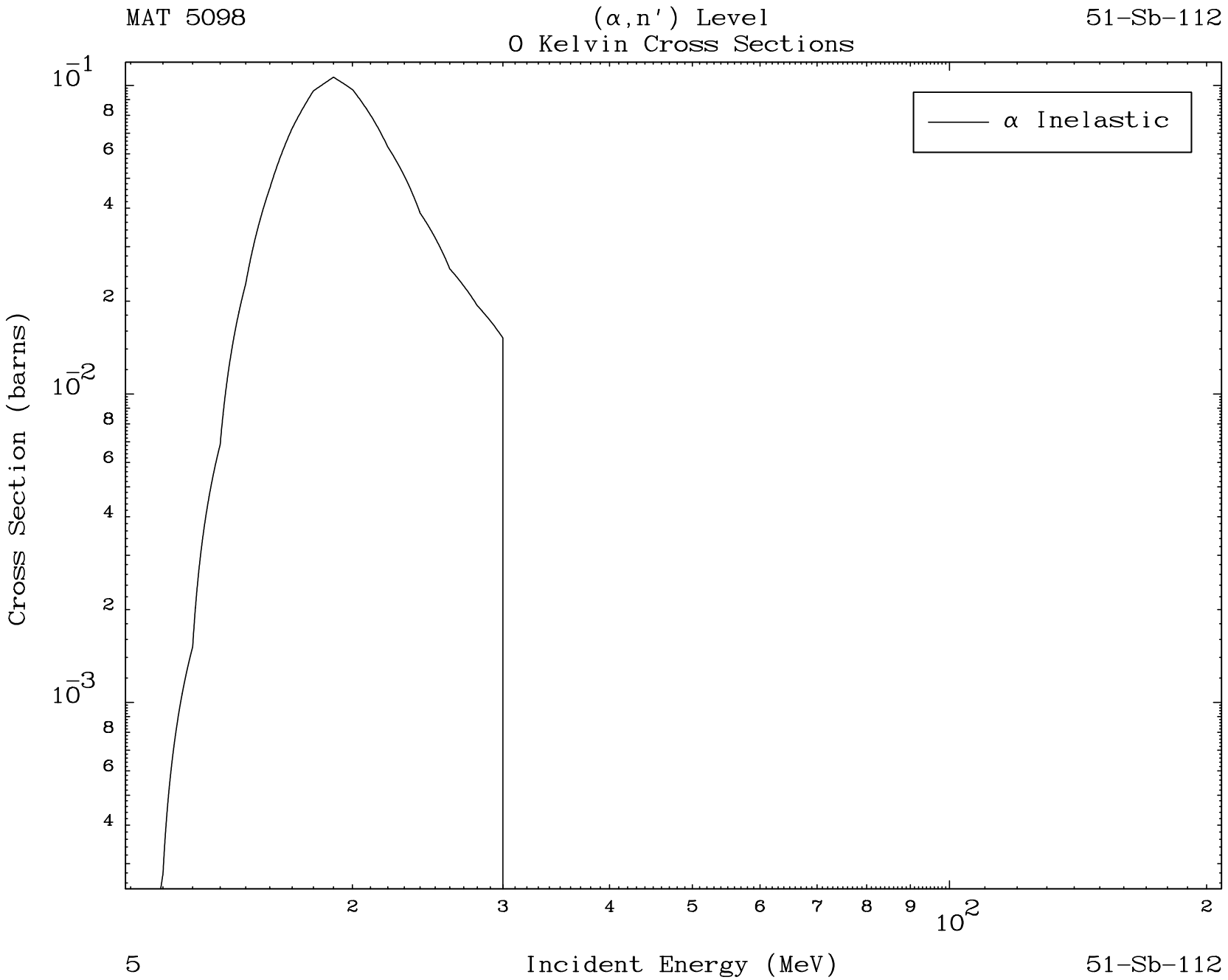
Press Mouse Button to Start

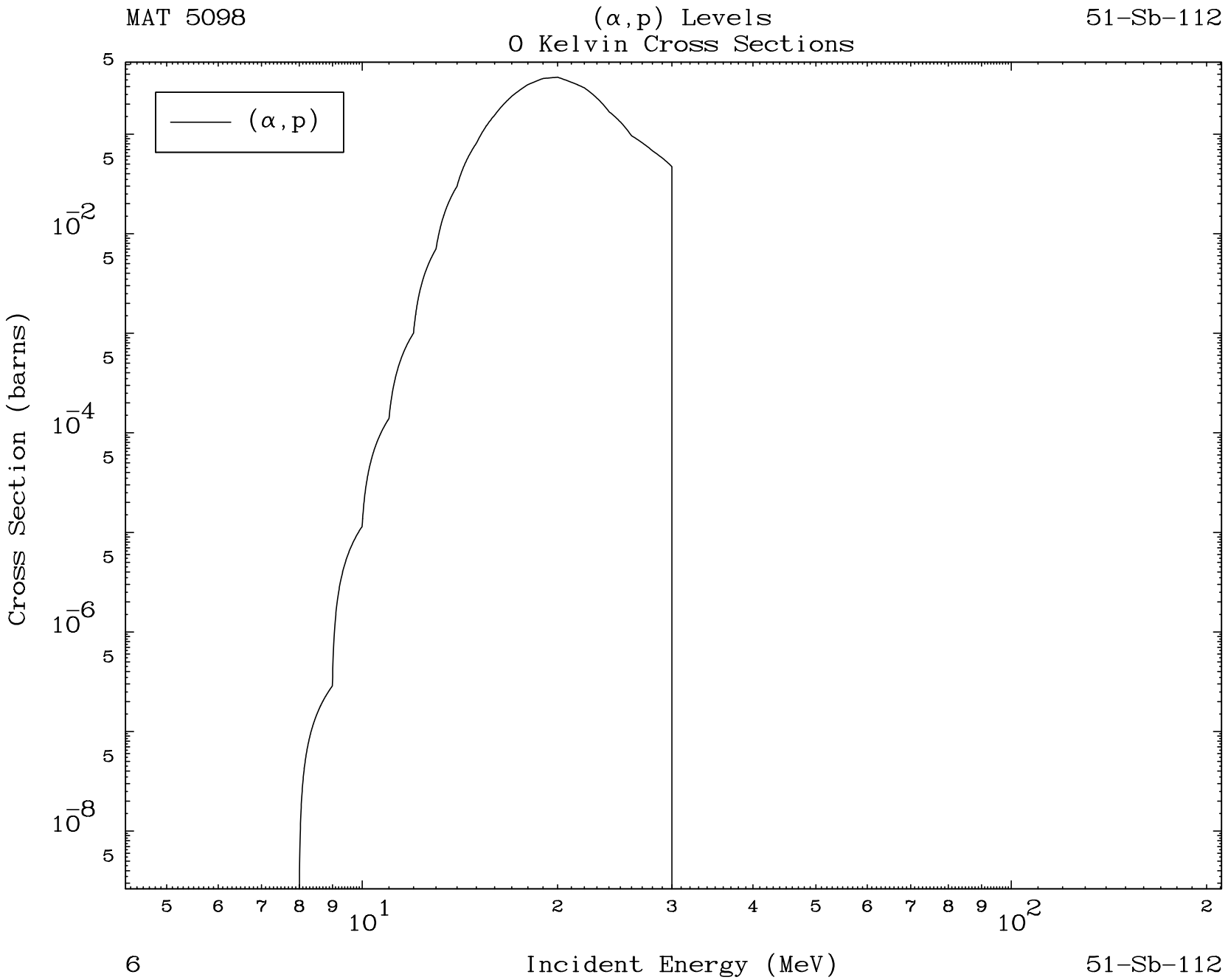

MAT 5098
α Major
51-Sb-112
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-112

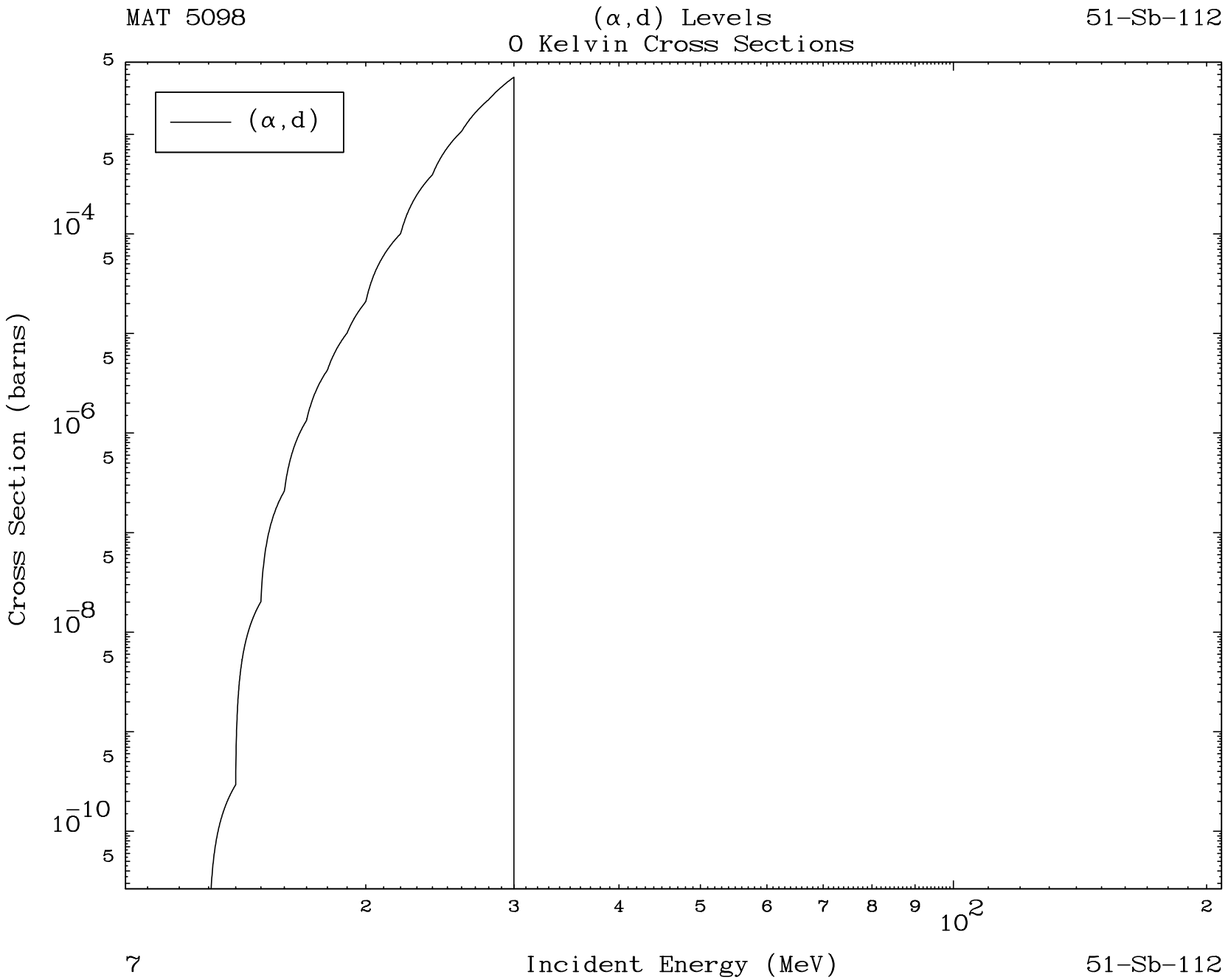

MAT 5098
α Neutron Production
0 Kelvin Cross Sections
51-Sb-112
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
51-Sb-112

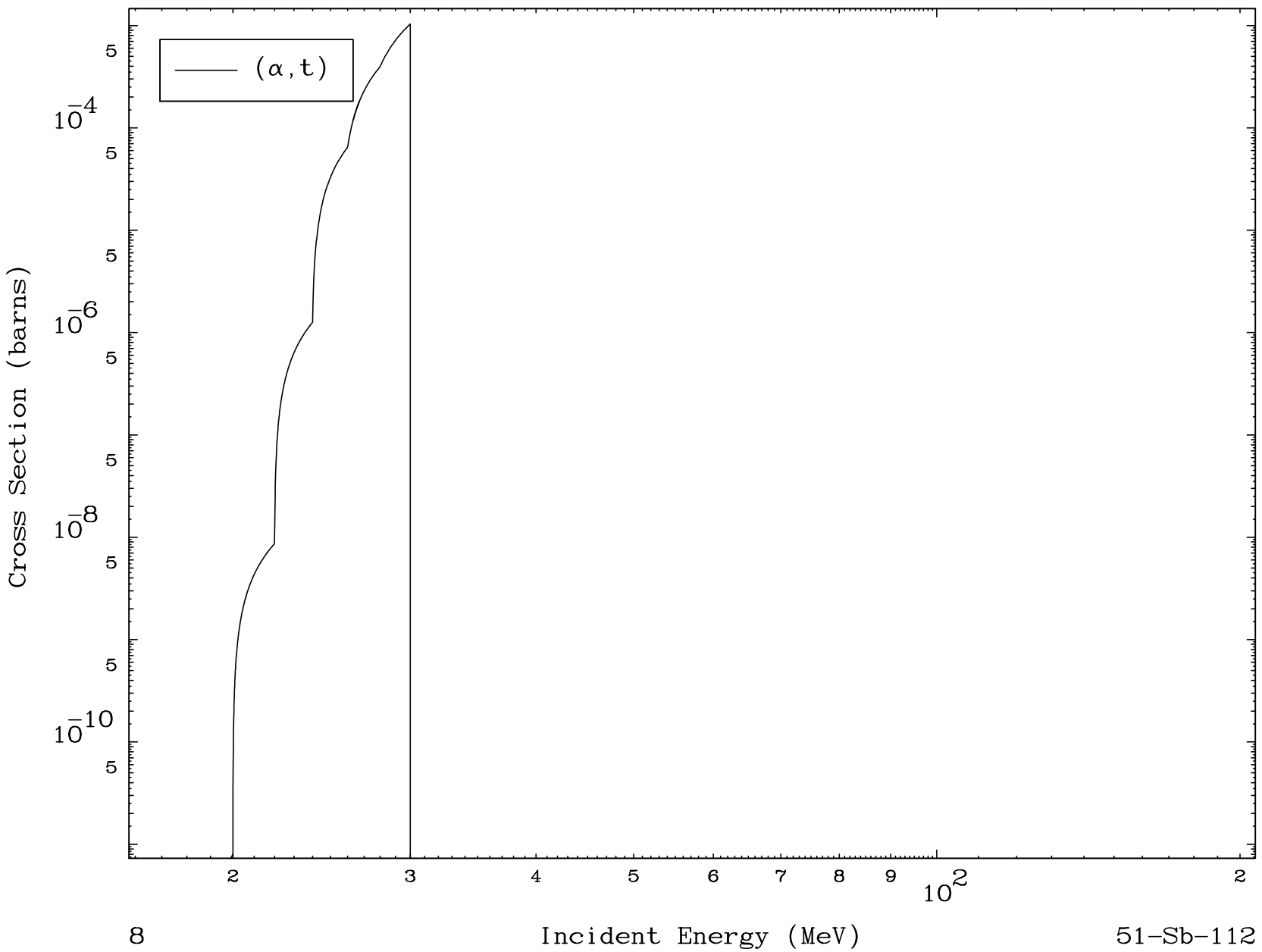

MAT 5098
α Charged Particle
0 Kelvin Cross Sections
51-Sb-112
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
51-Sb-112

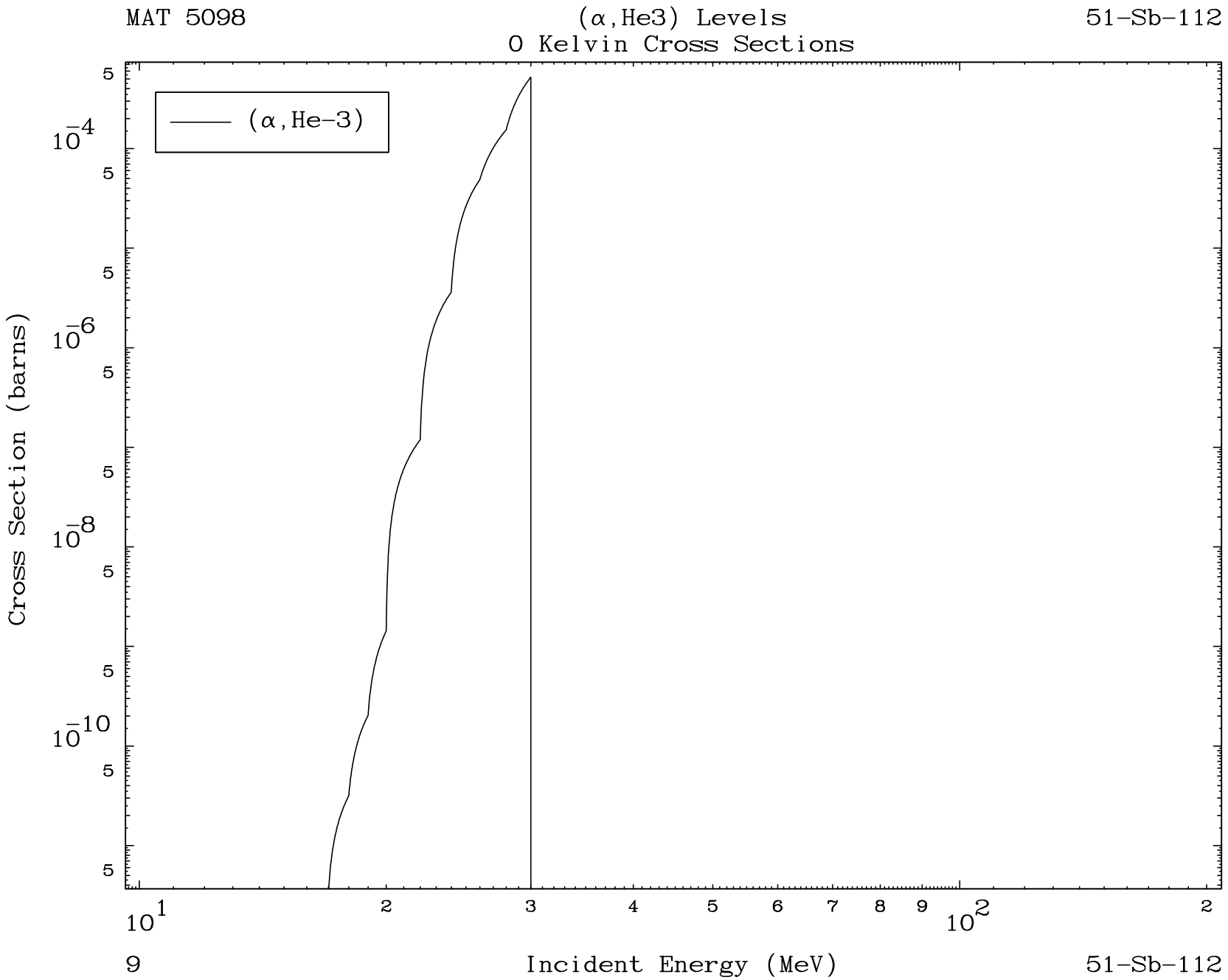

MAT 5098
α Charged Particle
0 Kelvin Cross Sections
51-Sb-112
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
51-Sb-112

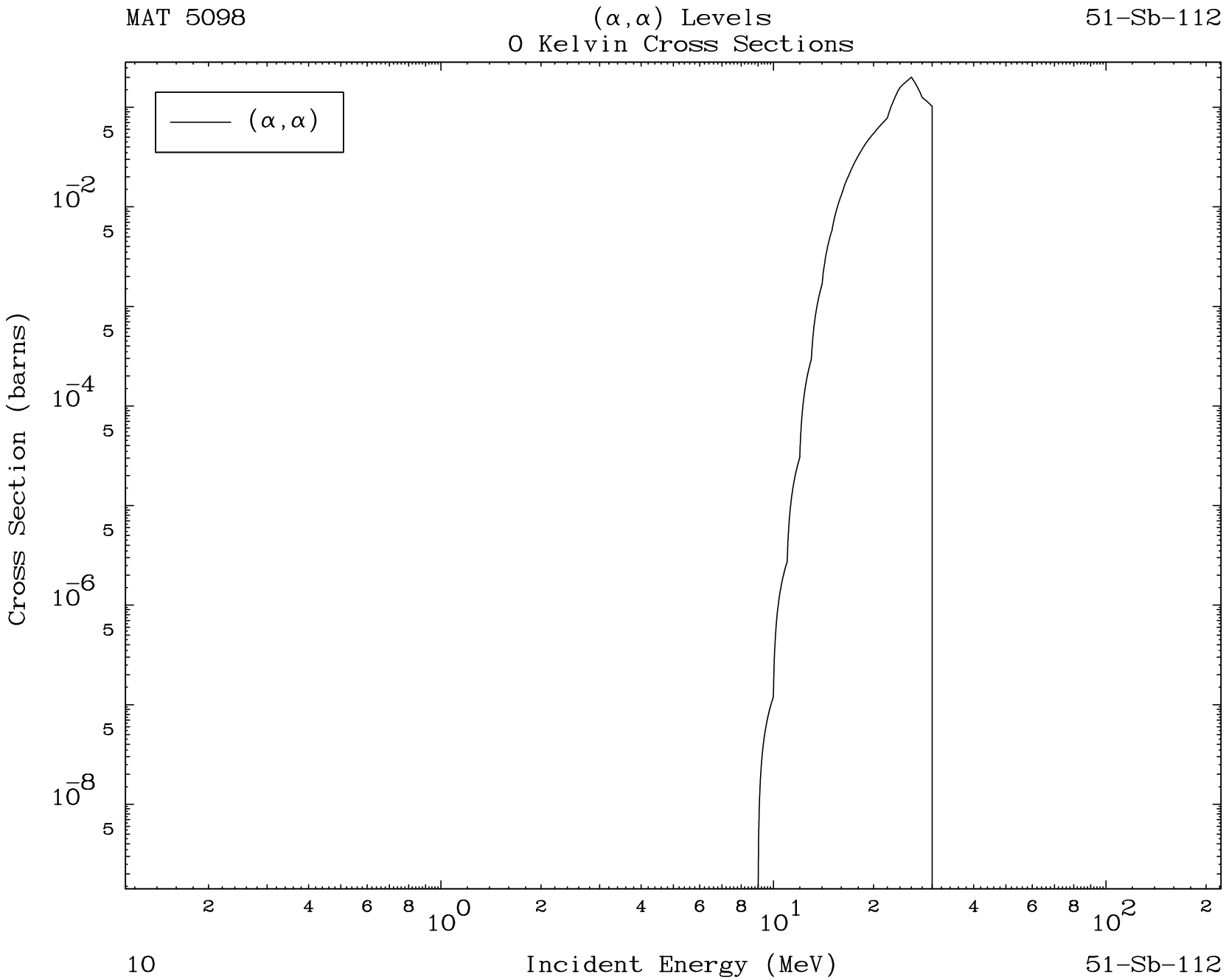

MAT 5098
(α,n') Level
51-Sb-112
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-1
8
6
4
2
10^-2
8
6
4
2
10^-3
8
6
4
2
3
4
5
6
7
8
9
10^2
2
5
Incident Energy (MeV)
51-Sb-112

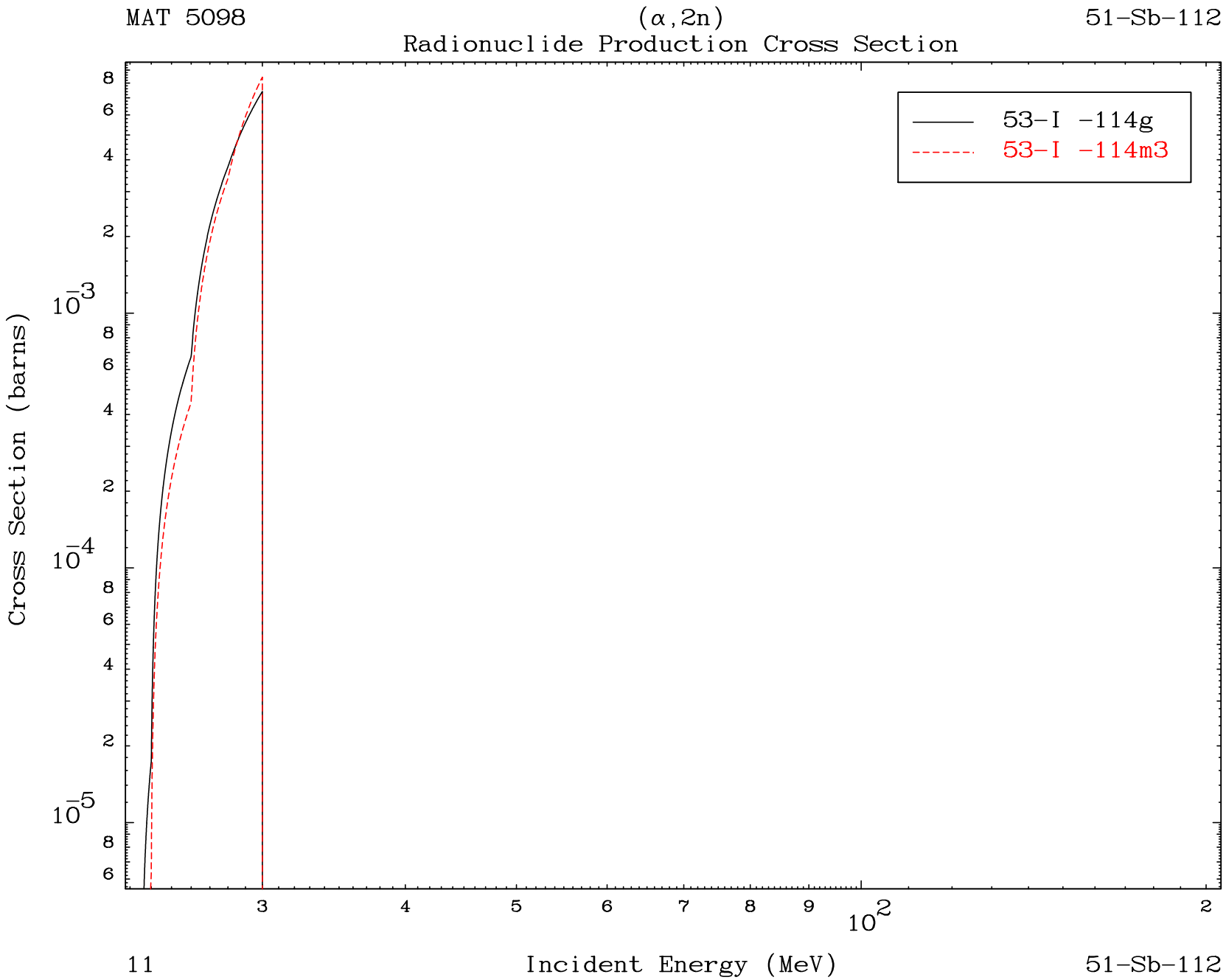

MAT 5098
(α,p) Levels
51-Sb-112
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
51-Sb-112

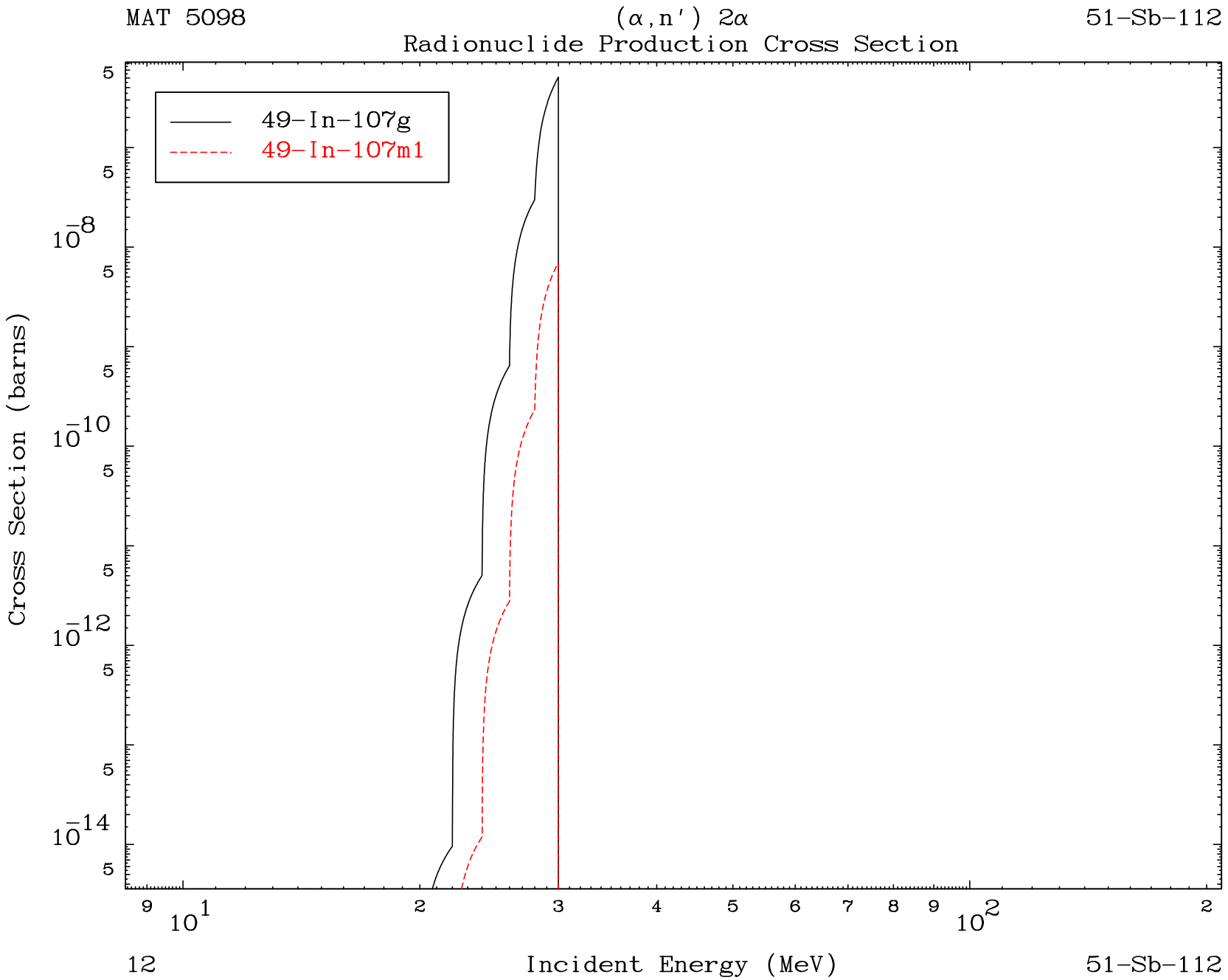

MAT 5098
(α,d) Levels
51-Sb-112
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
51-Sb-112

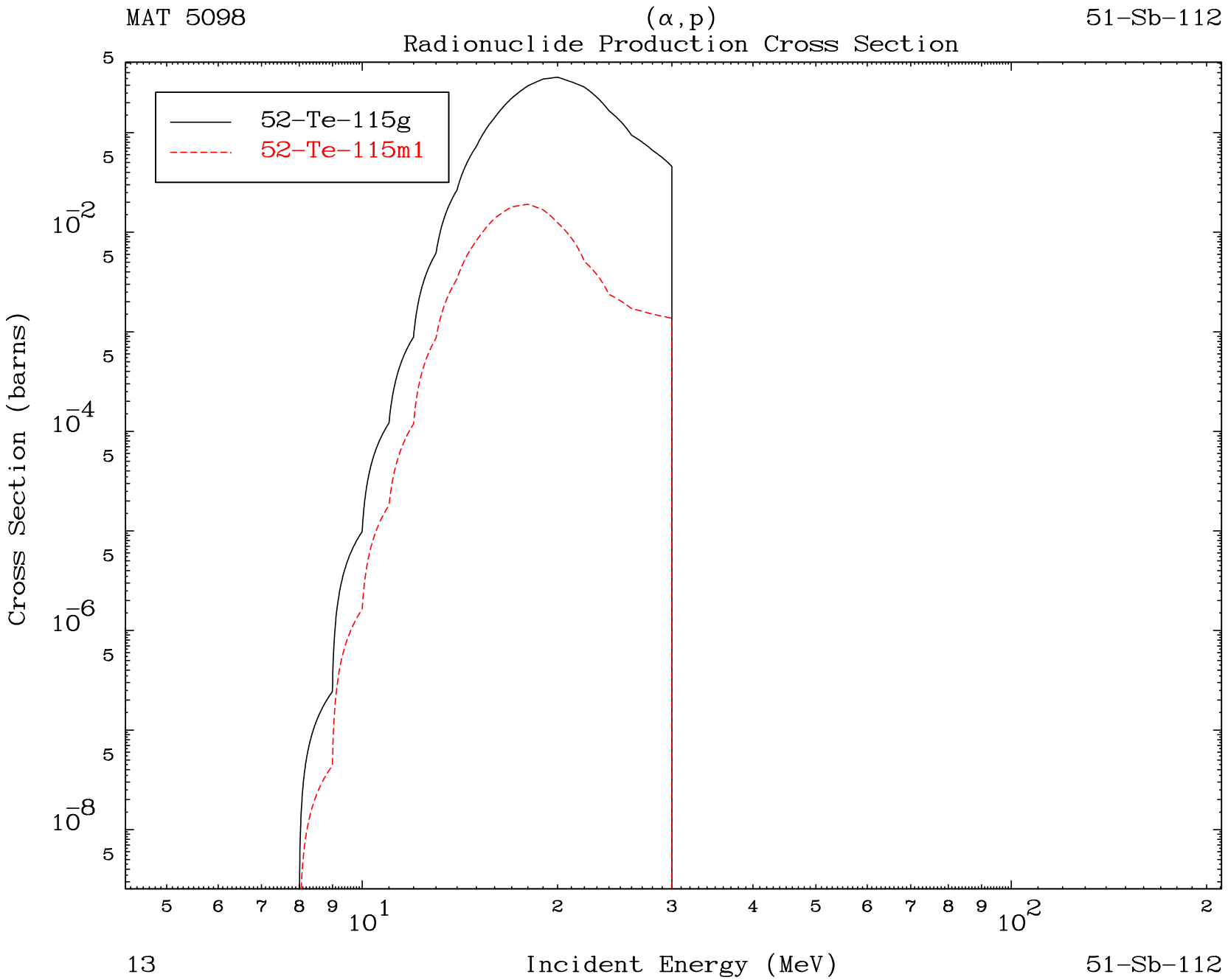

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

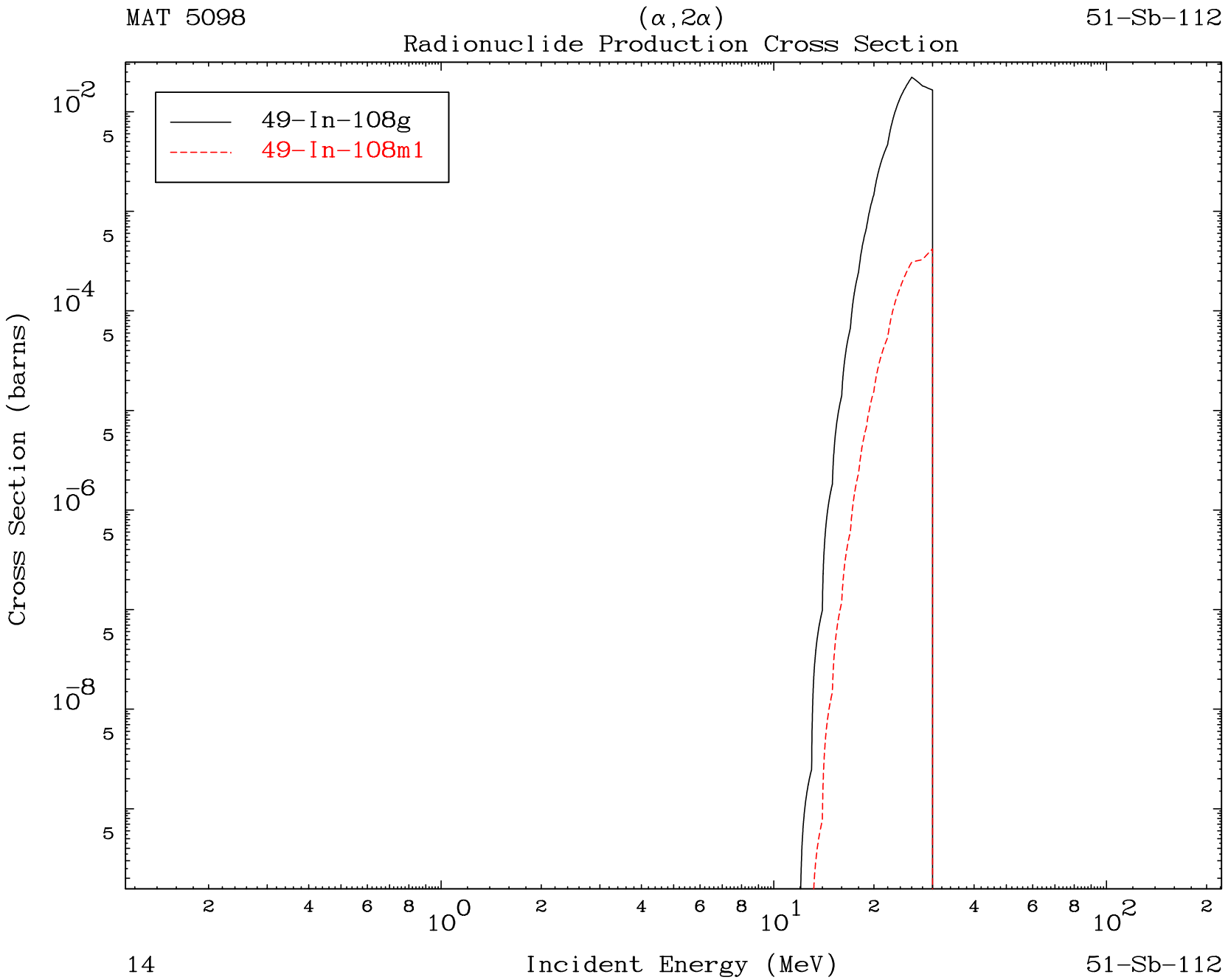

MAT 5098
(α,He3) Levels
51-Sb-112
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
51-Sb-112


MAT 5098
(α,α) Levels
51-Sb-112
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
51-Sb-112


MAT 5098
(α,2n)
51-Sb-112
Radionuclide Production Cross Section
53-I -114g
53-I -114m3
Cross Section (barns)
10-3
10-4
10-5
8
6
4
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
51-Sb-112


MAT 5098
(α,n') 2α
51-Sb-112
Radionuclide Production Cross Section
49-In-107g
49-In-107m1
Cross Section (barns)
Incident Energy (MeV)
12
51-Sb-112


MAT 5098
(α,p)
51-Sb-112
Radionuclide Production Cross Section
52-Te-115g
52-Te-115m1
Cross Section (barns)
Incident Energy (MeV)
13
51-Sb-112


MAT 5098
(α,2α)
51-Sb-112
Radionuclide Production Cross Section
49-In-108g
49-In-108m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
14
Incident Energy (MeV)
51-Sb-112