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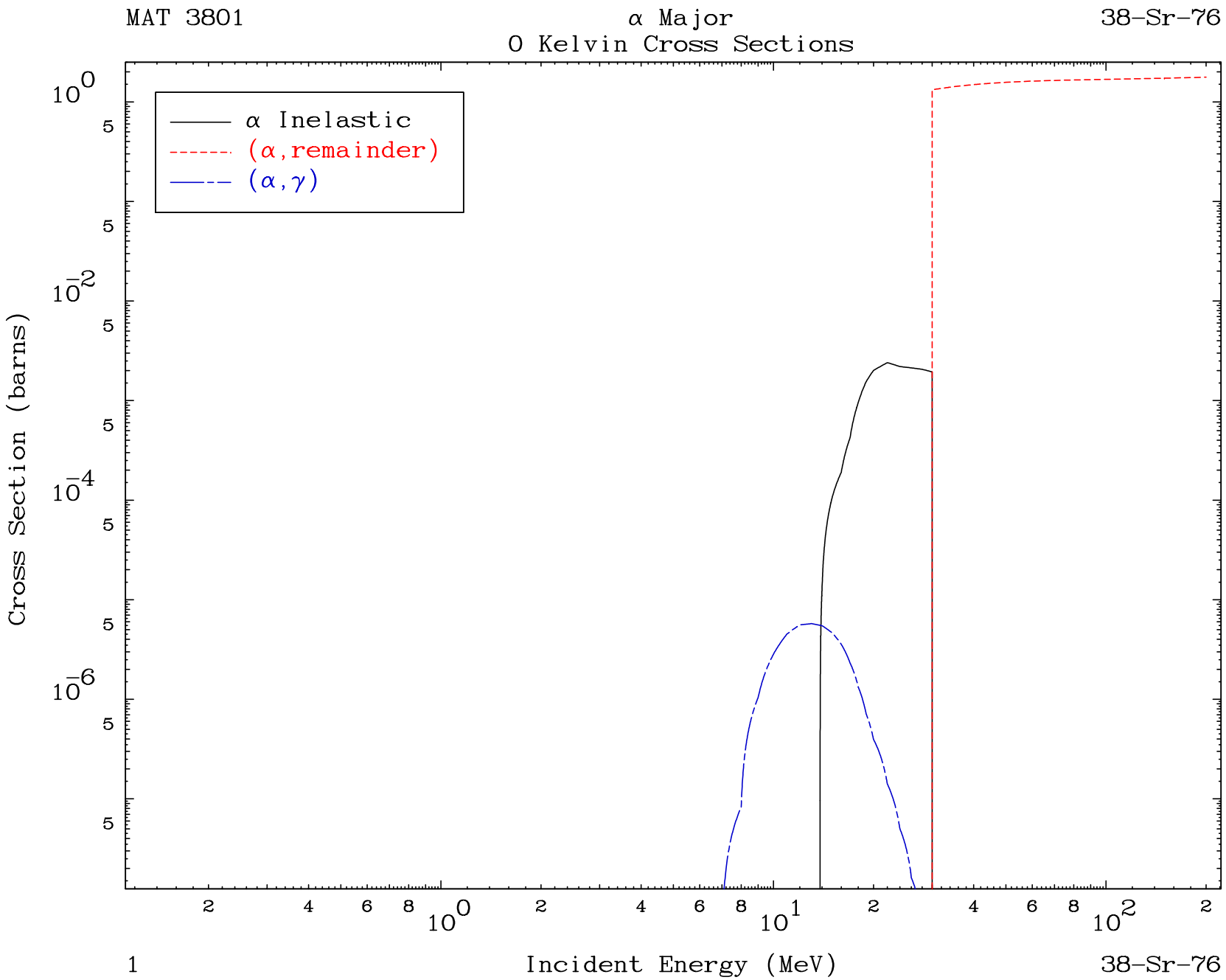
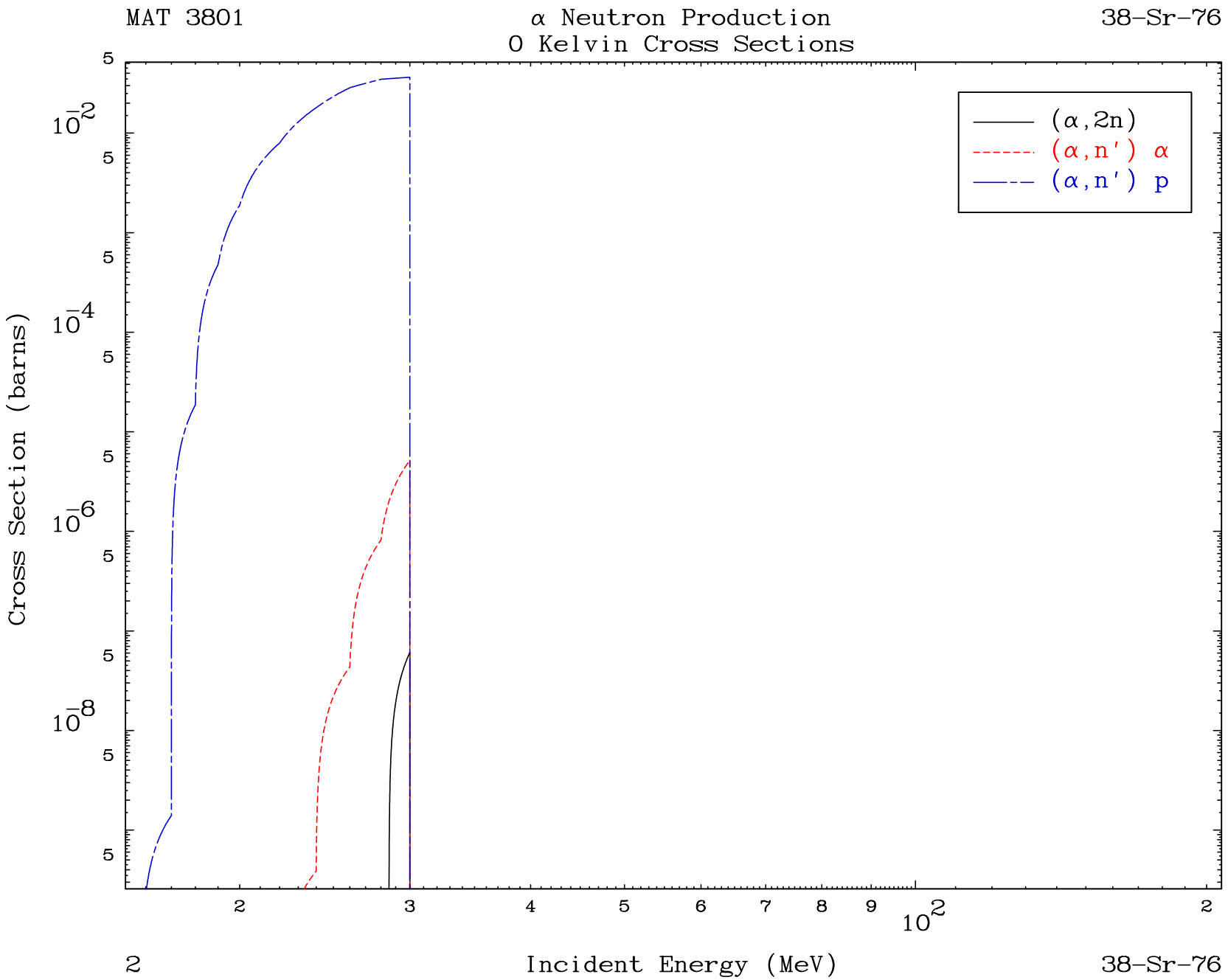
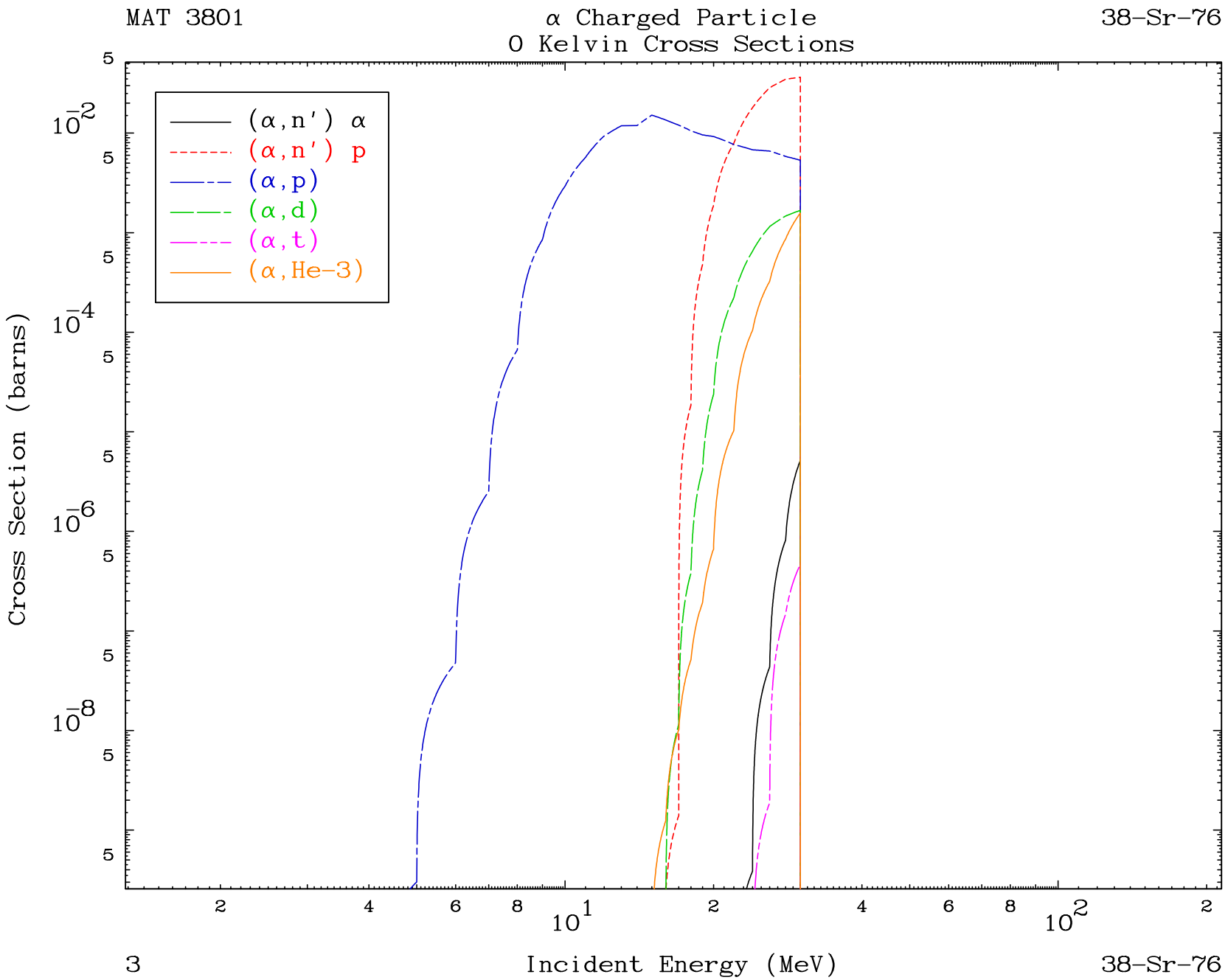
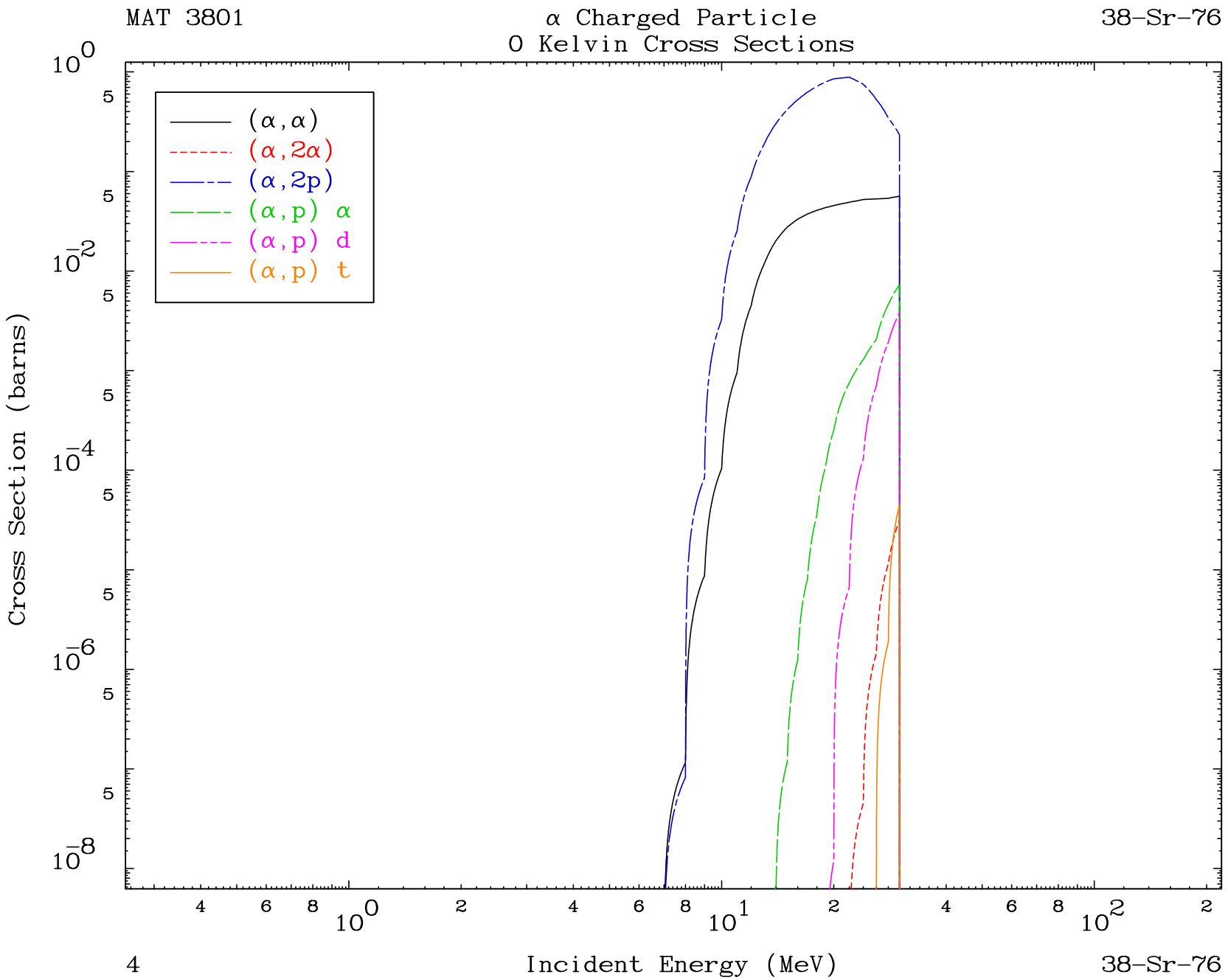
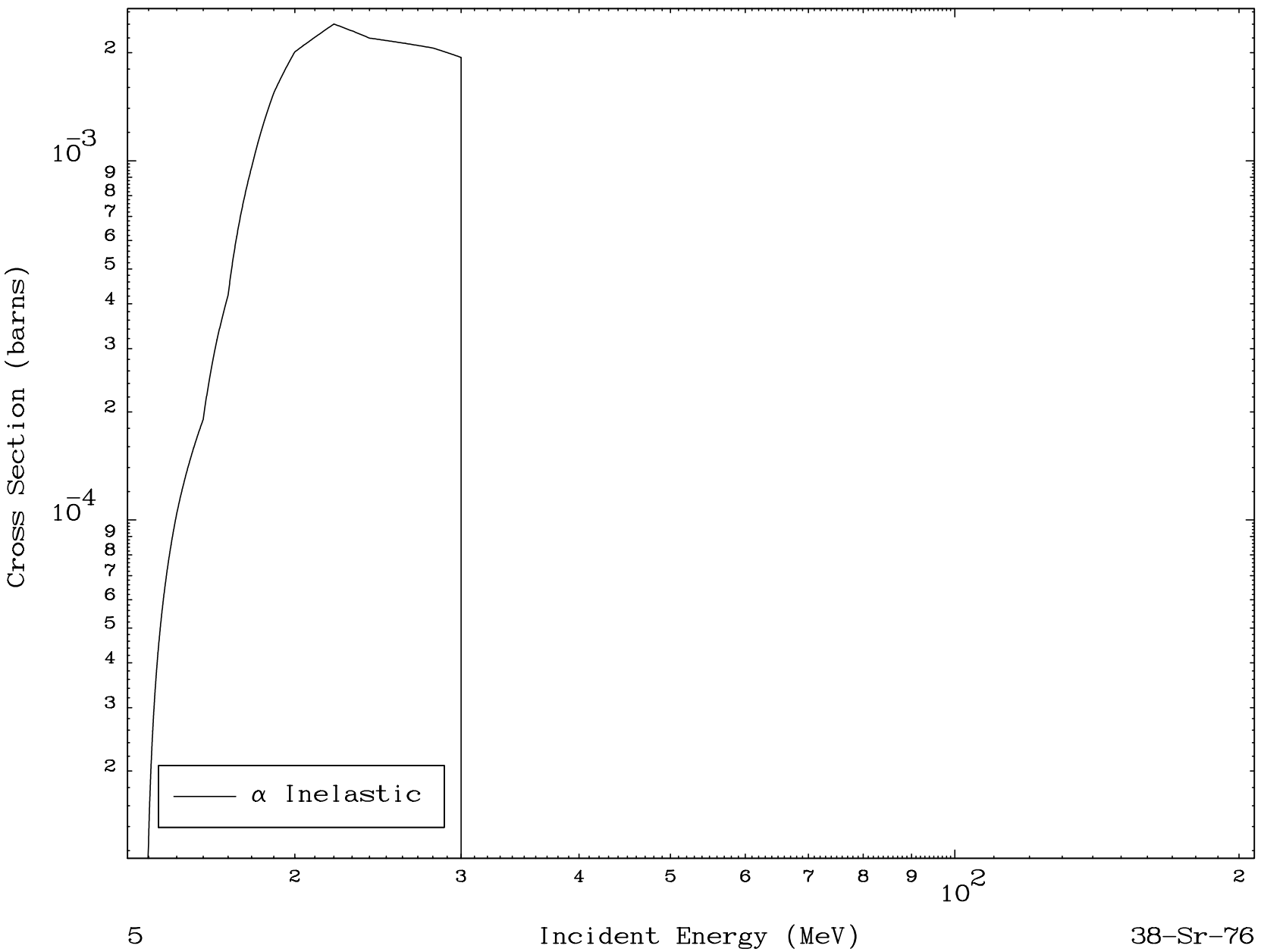
Press Mouse Button to Start

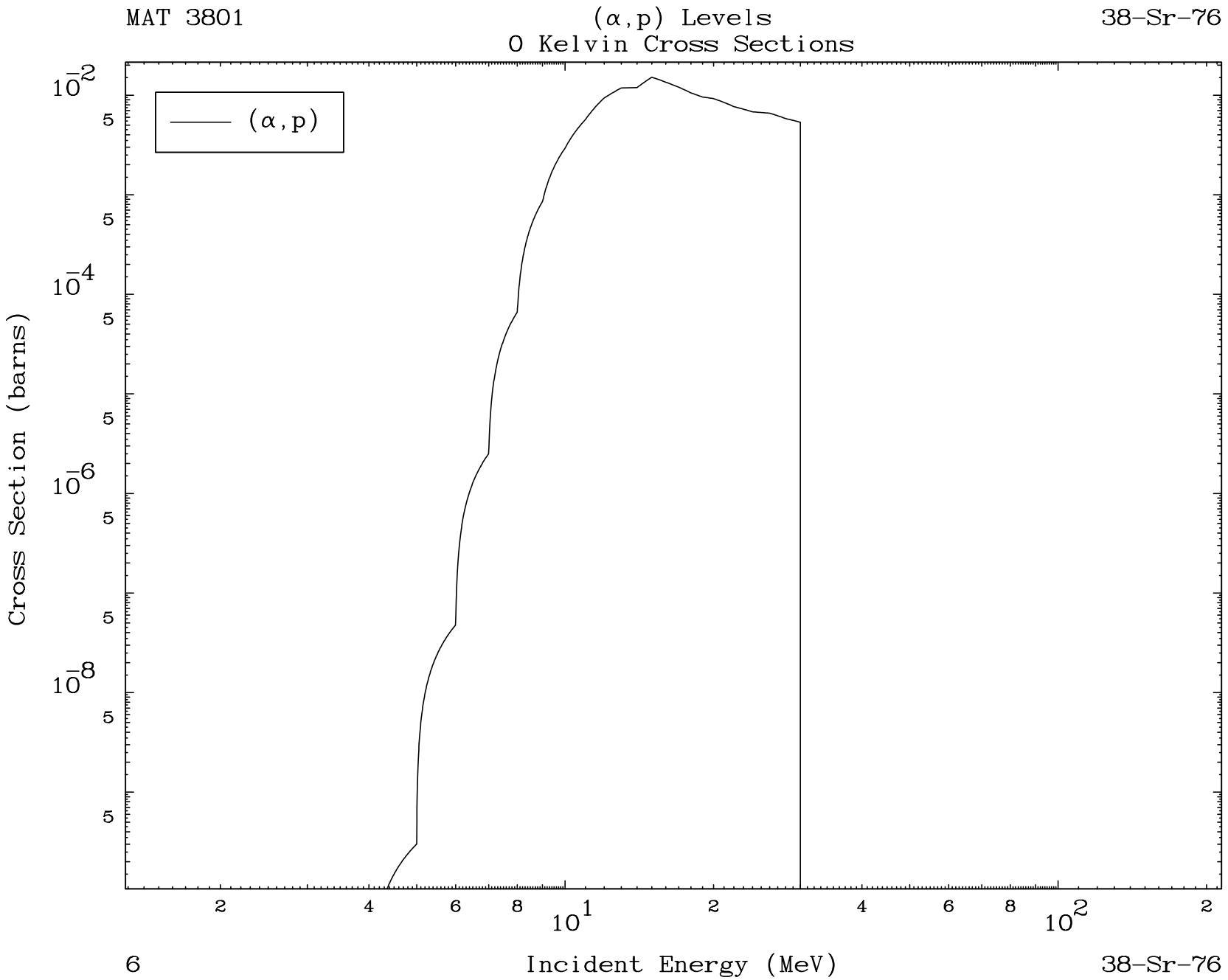

MAT 3801
α Major
38-Sr-76
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
38-Sr-76
1

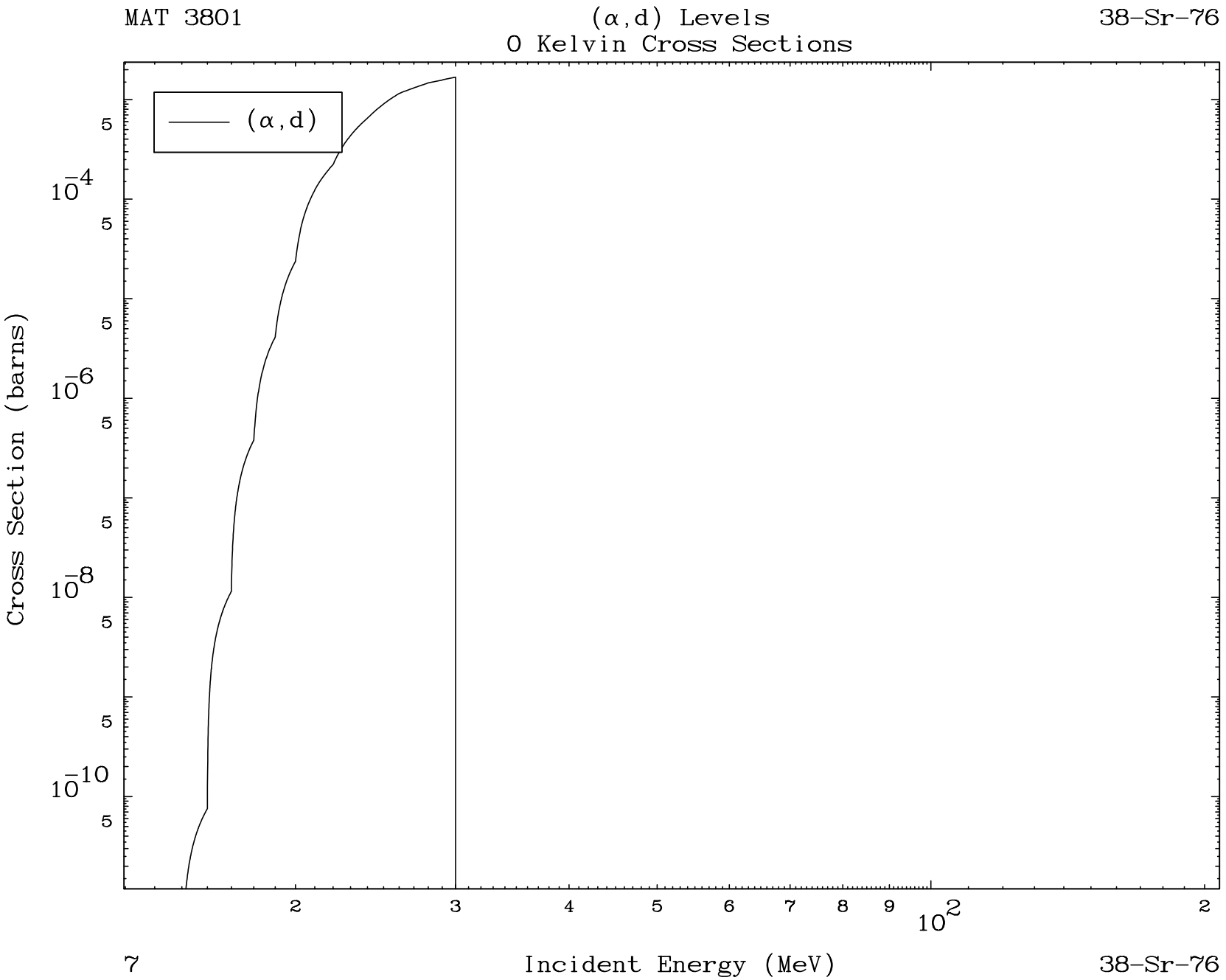

MAT 3801
α Neutron Production
0 Kelvin Cross Sections
38-Sr-76
(α,2n)
(α,n') α
(α,n') p
Cross Section (barns)
Incident Energy (MeV)
38-Sr-76

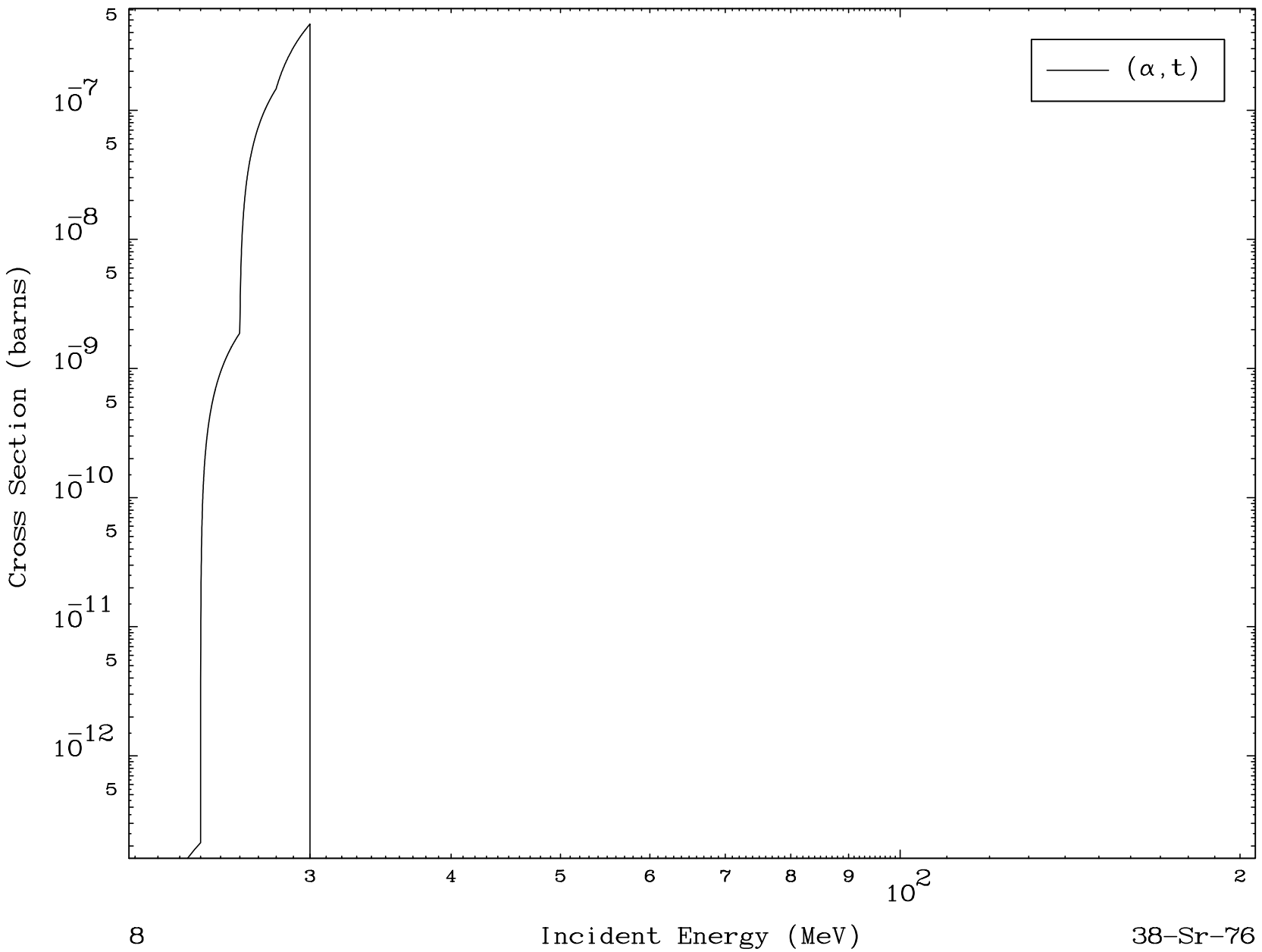

MAT 3801
α Charged Particle
0 Kelvin Cross Sections
38-Sr-76
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
38-Sr-76

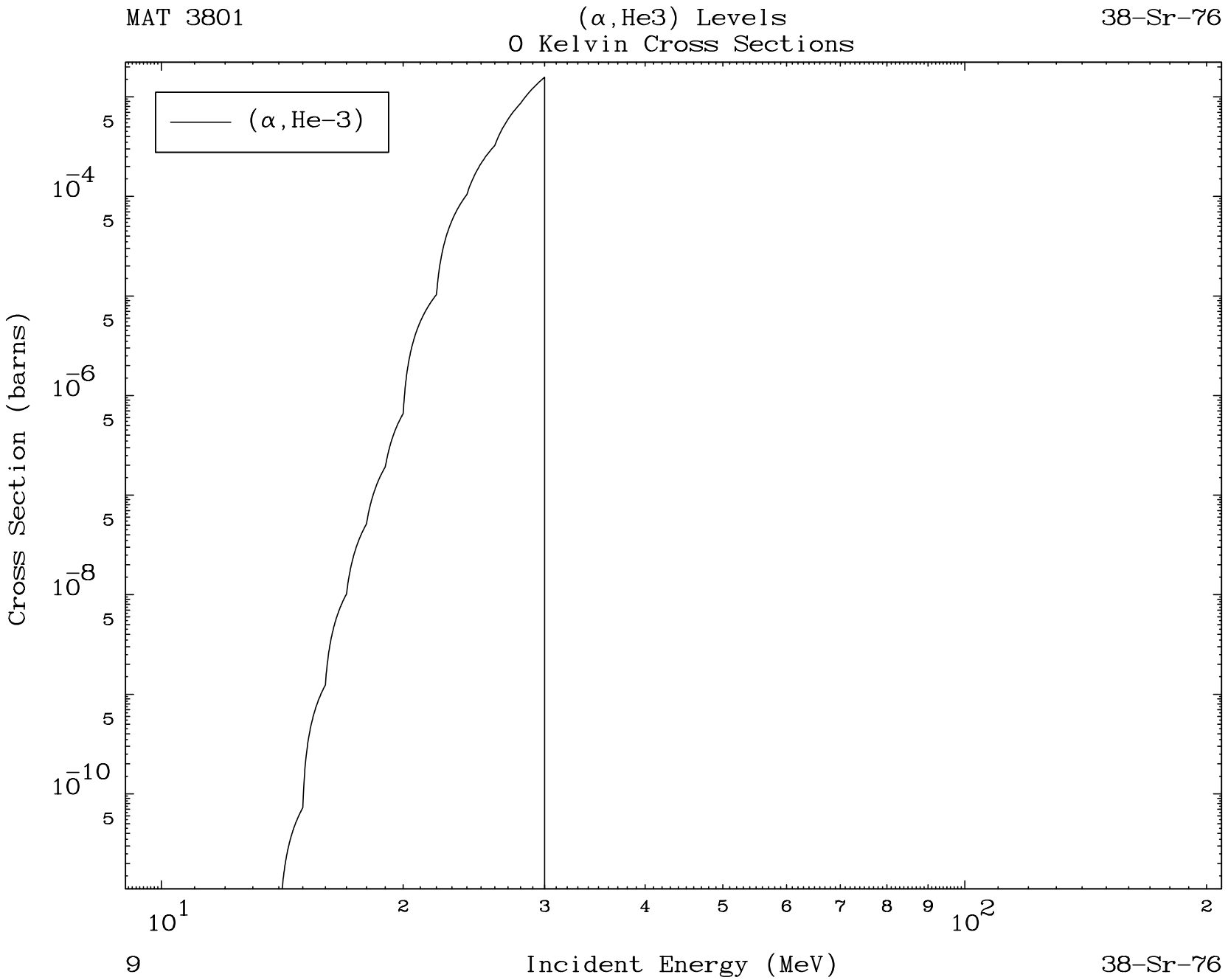

MAT 3801
α Charged Particle
0 Kelvin Cross Sections
38-Sr-76
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
38-Sr-76

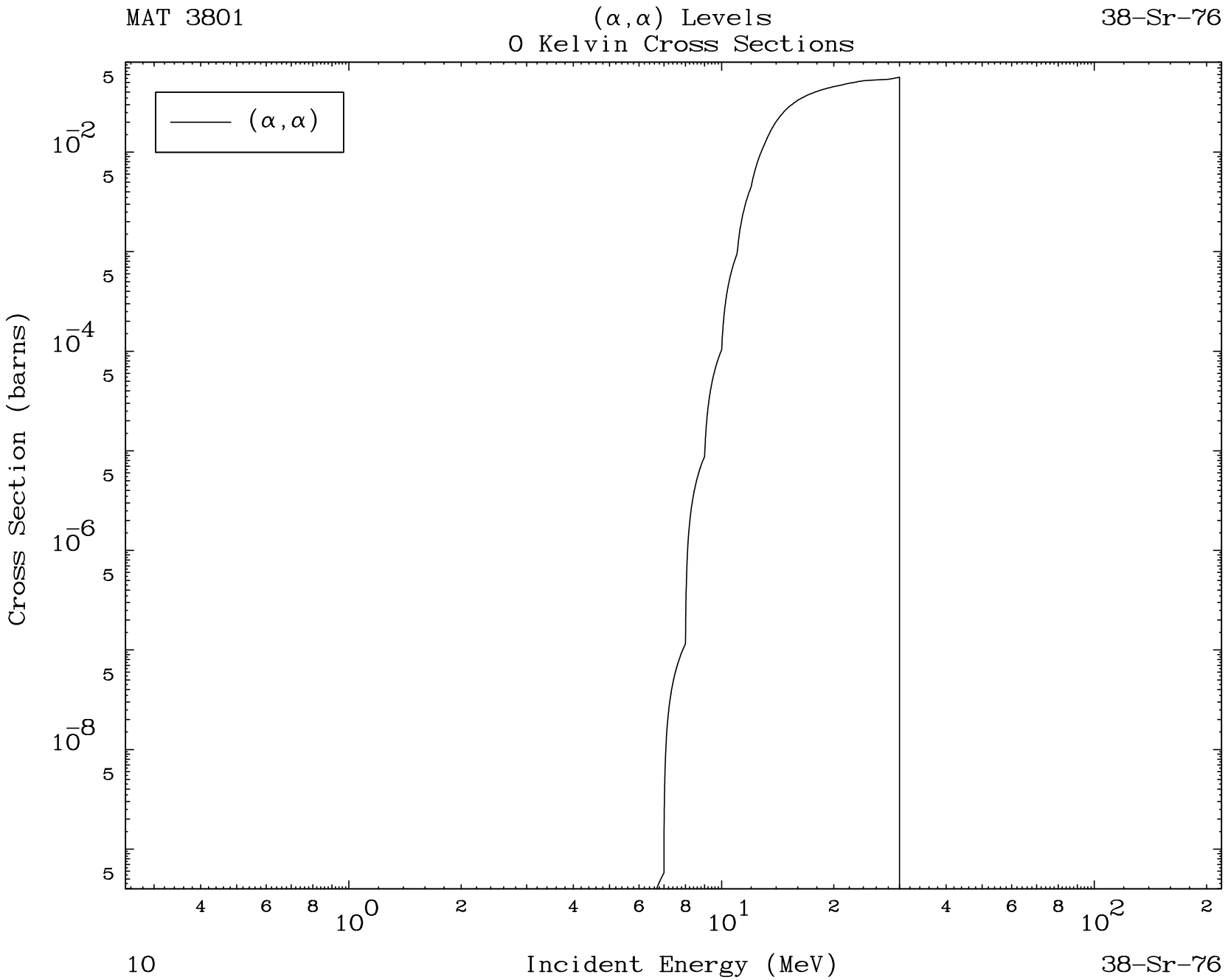

0 Kelvin Cross Sections
Cross Section (barns)
10^-3
10^-4
2
9
8
7
6
5
4
3
2
α Inelastic
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

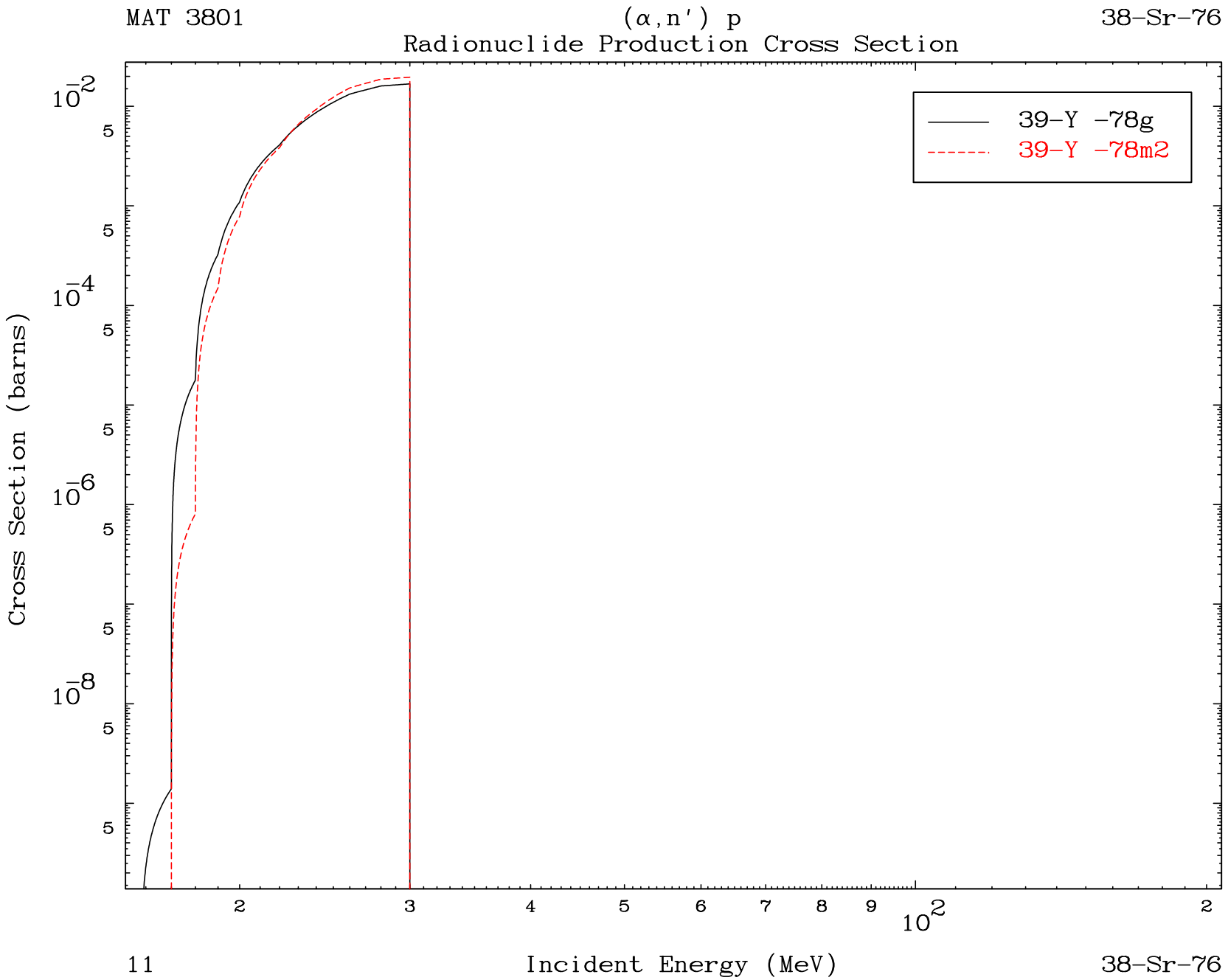

MAT 3801
(α,p) Levels
38-Sr-76
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
38-Sr-76

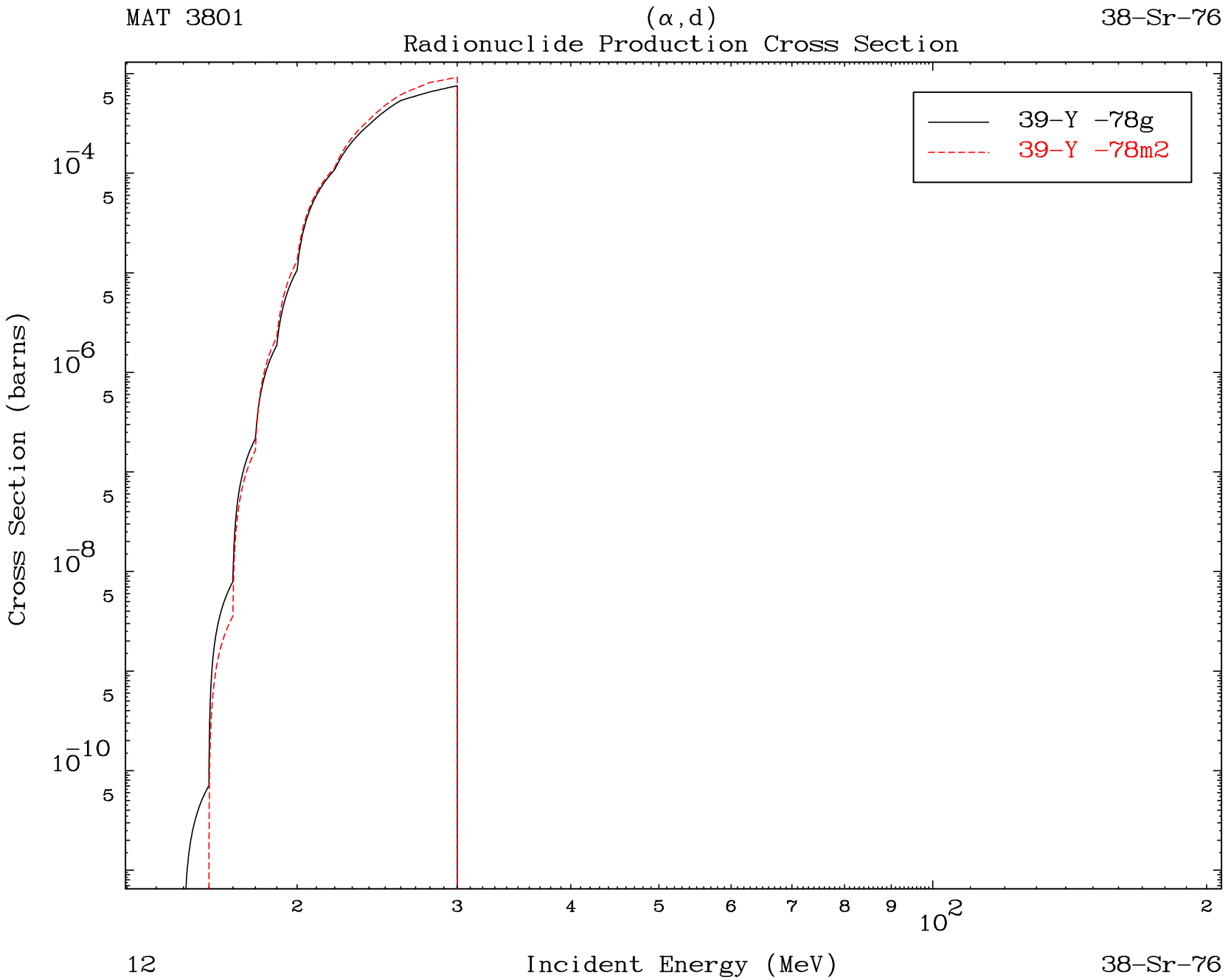

MAT 3801
(α,d) Levels
38-Sr-76
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
38-Sr-76


0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
5
10^-7
5
10^-8
5
10^-9
5
10^-10
5
10^-11
5
10^-12
5
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 3801
(α,He3) Levels
38-Sr-76
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
9
38-Sr-76


MAT 3801
(α,α) Levels
38-Sr-76
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
10
38-Sr-76


MAT 3801
(α,n') p
38-Sr-76
Radionuclide Production Cross Section
39-Y -78g
39-Y -78m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
38-Sr-76


MAT 3801
(α,d)
38-Sr-76
Radionuclide Production Cross Section
39-Y -78g
39-Y -78m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
38-Sr-76