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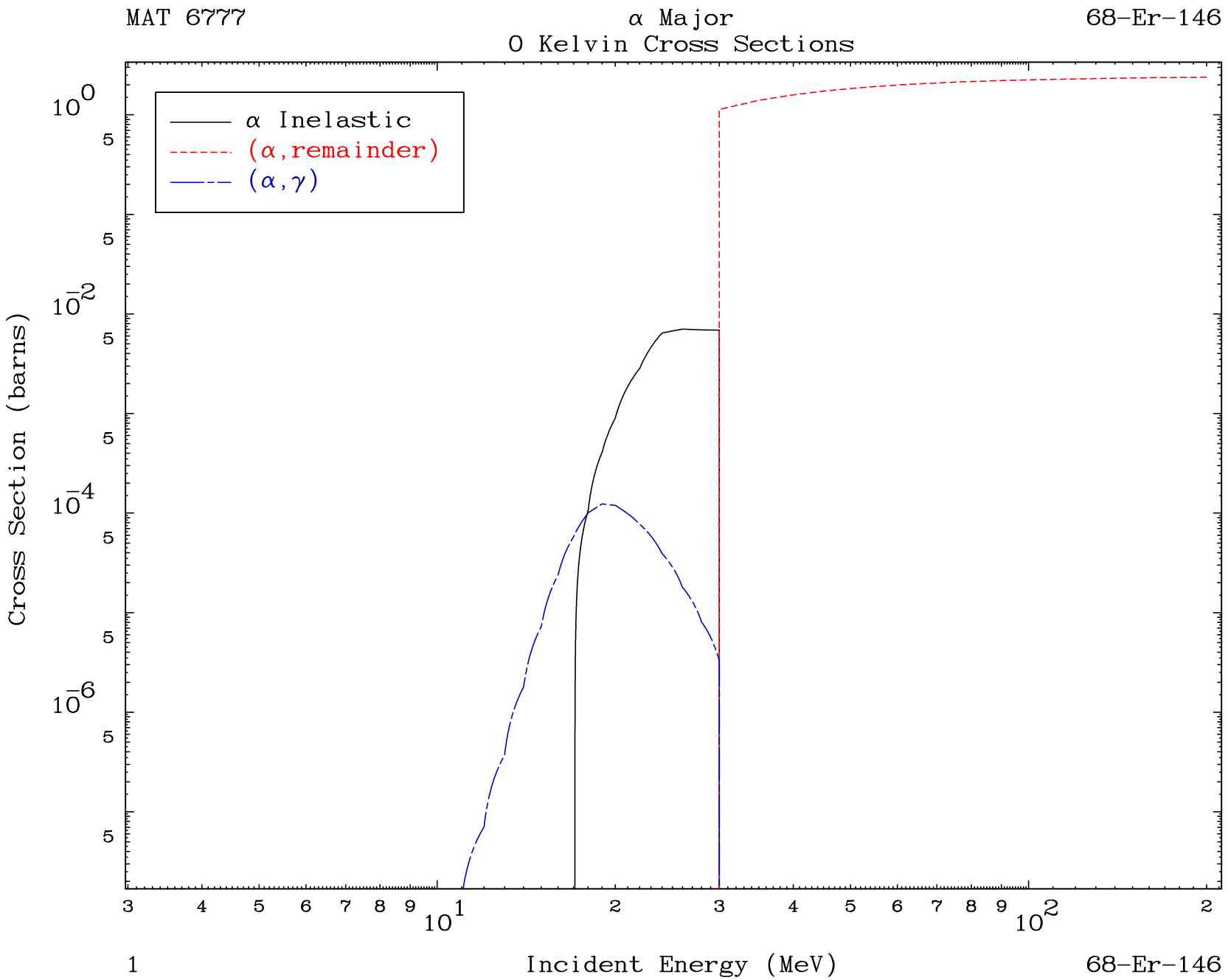
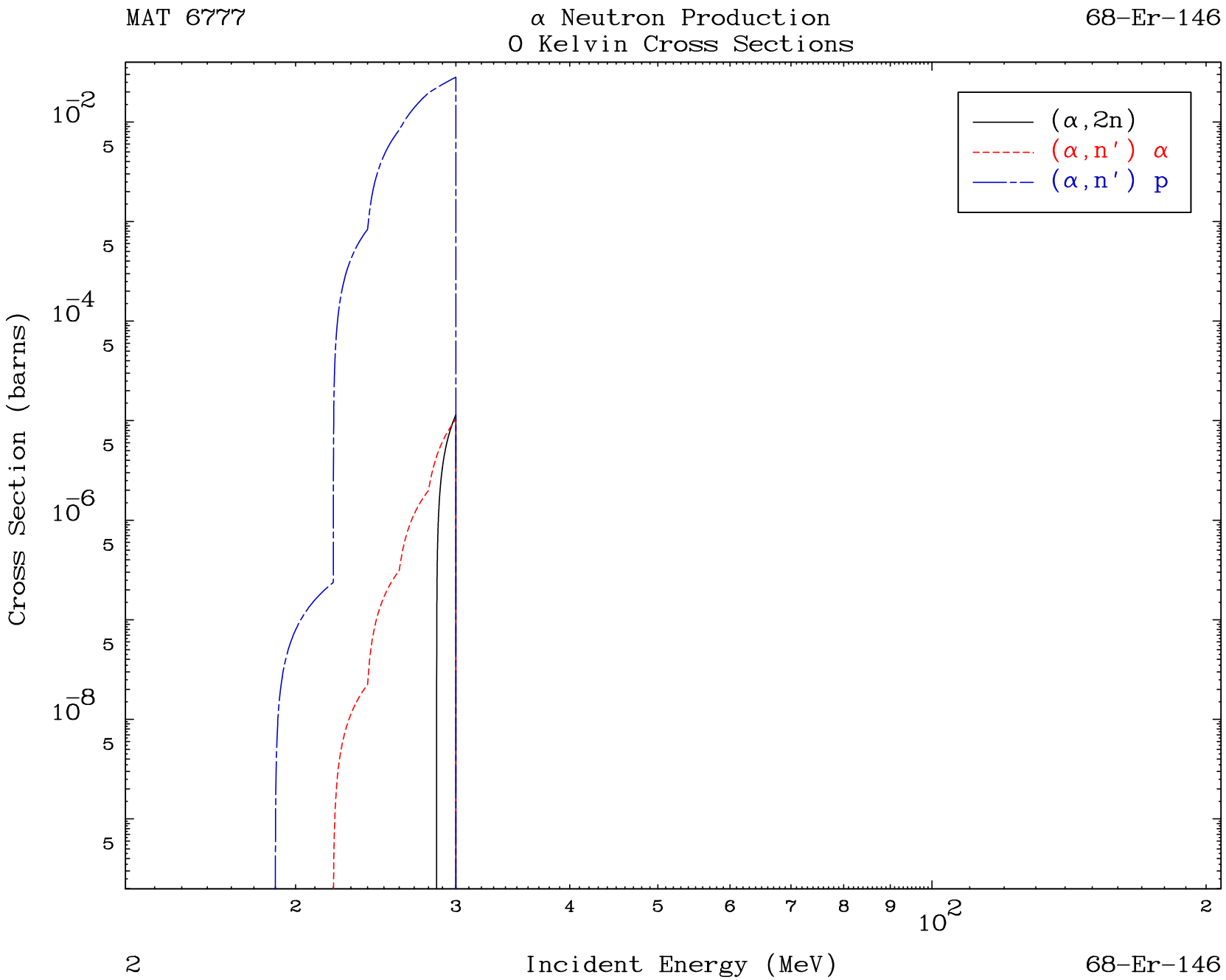
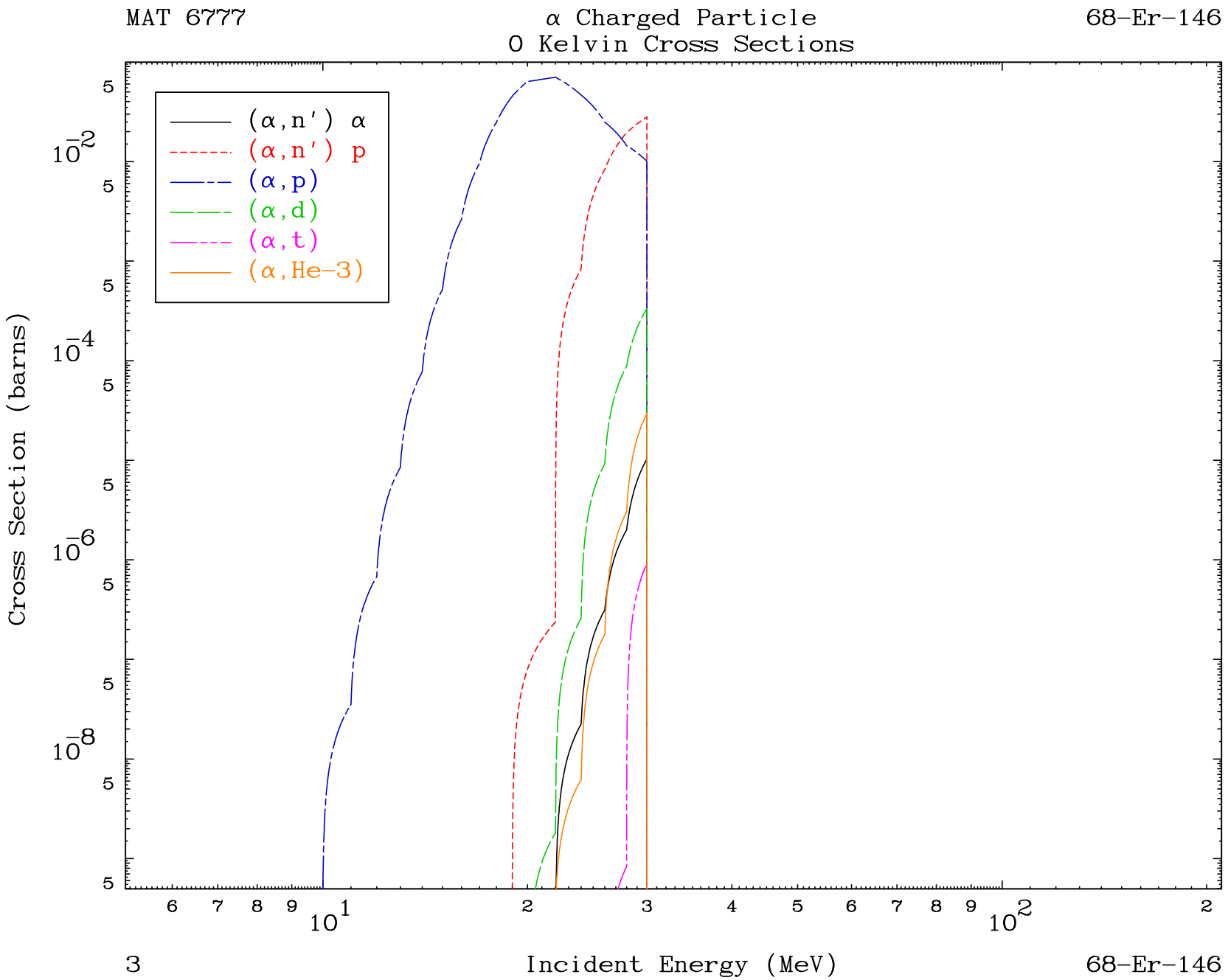
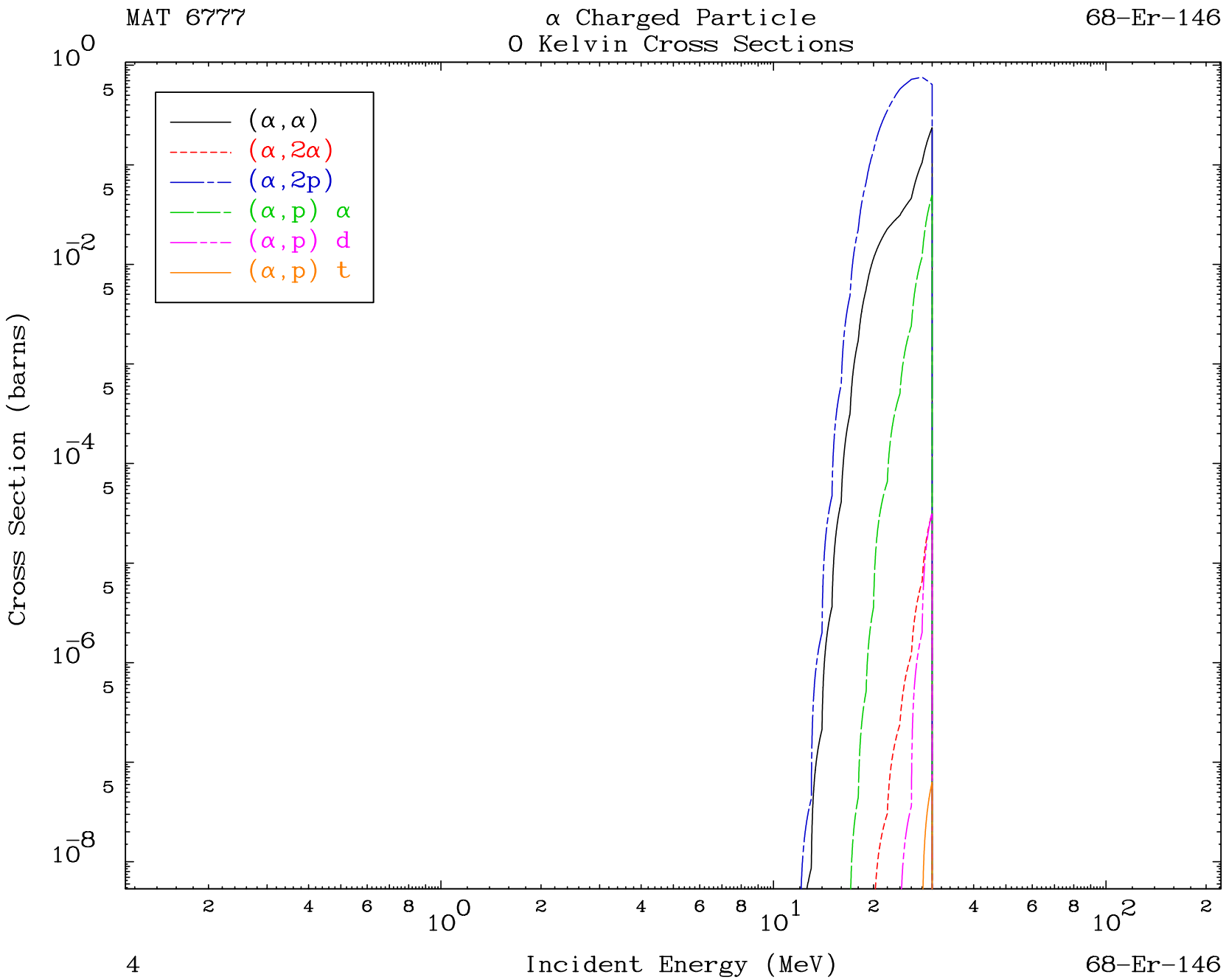
Press Mouse Button to Start

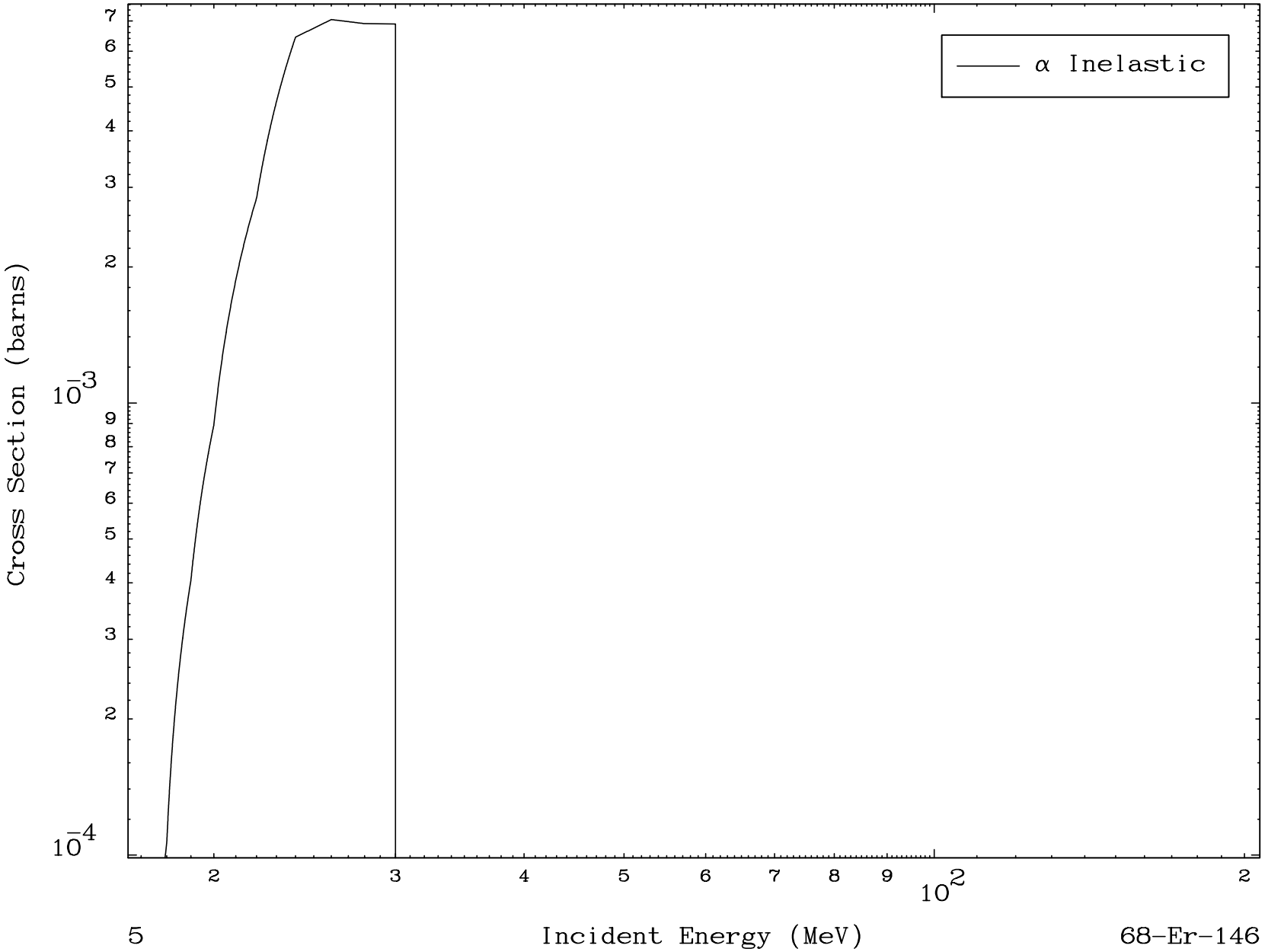

MAT 6777
α Major
68-Er-146
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
68-Er-146

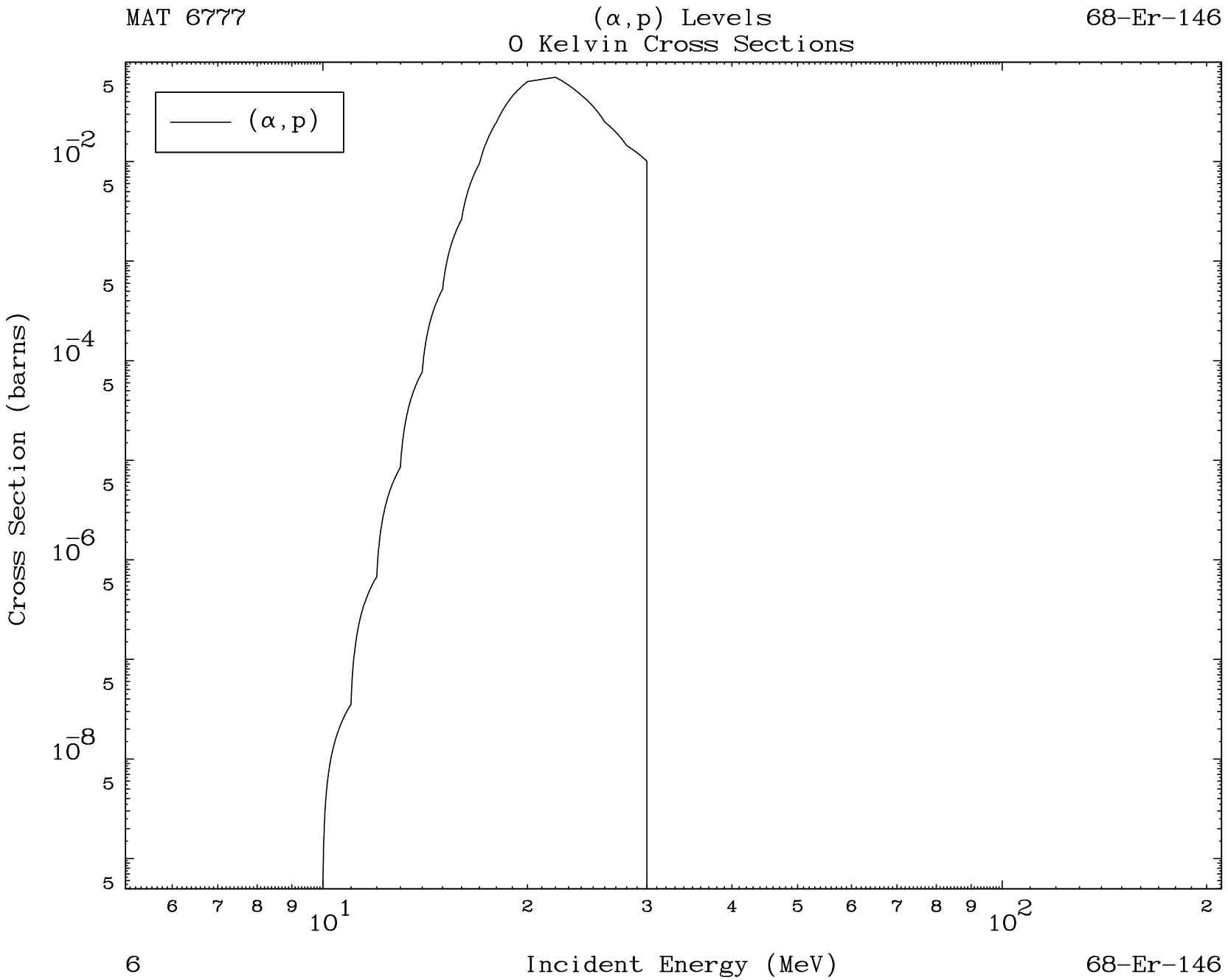

MAT 6777
α Neutron Production
0 Kelvin Cross Sections
68-Er-146
(α,2n)
(α,n') α
(α,n') p
Cross Section (barns)
Incident Energy (MeV)
68-Er-146
2


MAT 6777
α Charged Particle
0 Kelvin Cross Sections
68-Er-146
(α,n') α
(α,n') p
(α,p)
(α,d)
(α,t)
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
68-Er-146

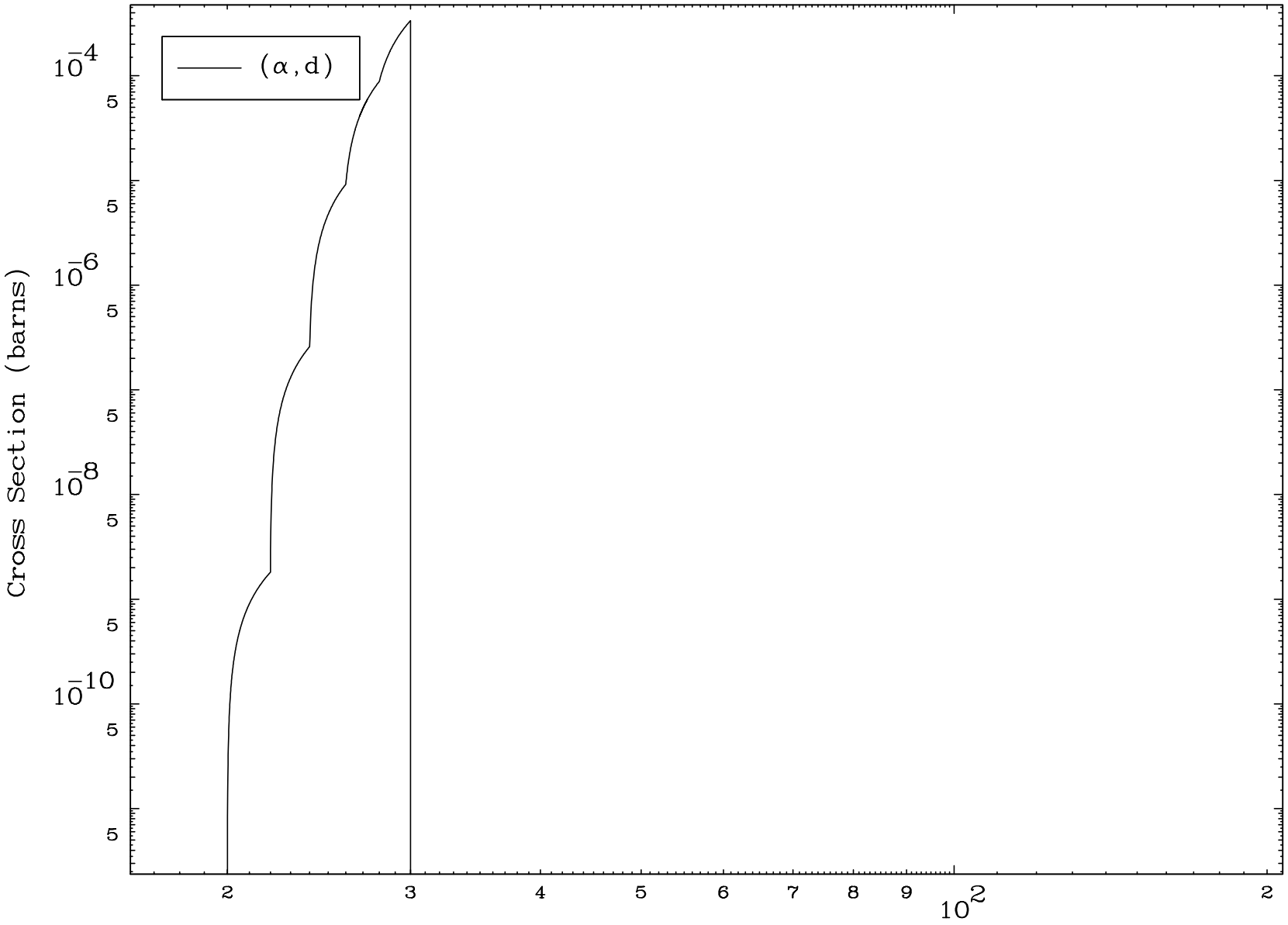

MAT 6777
α Charged Particle
0 Kelvin Cross Sections
68-Er-146
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
68-Er-146
4

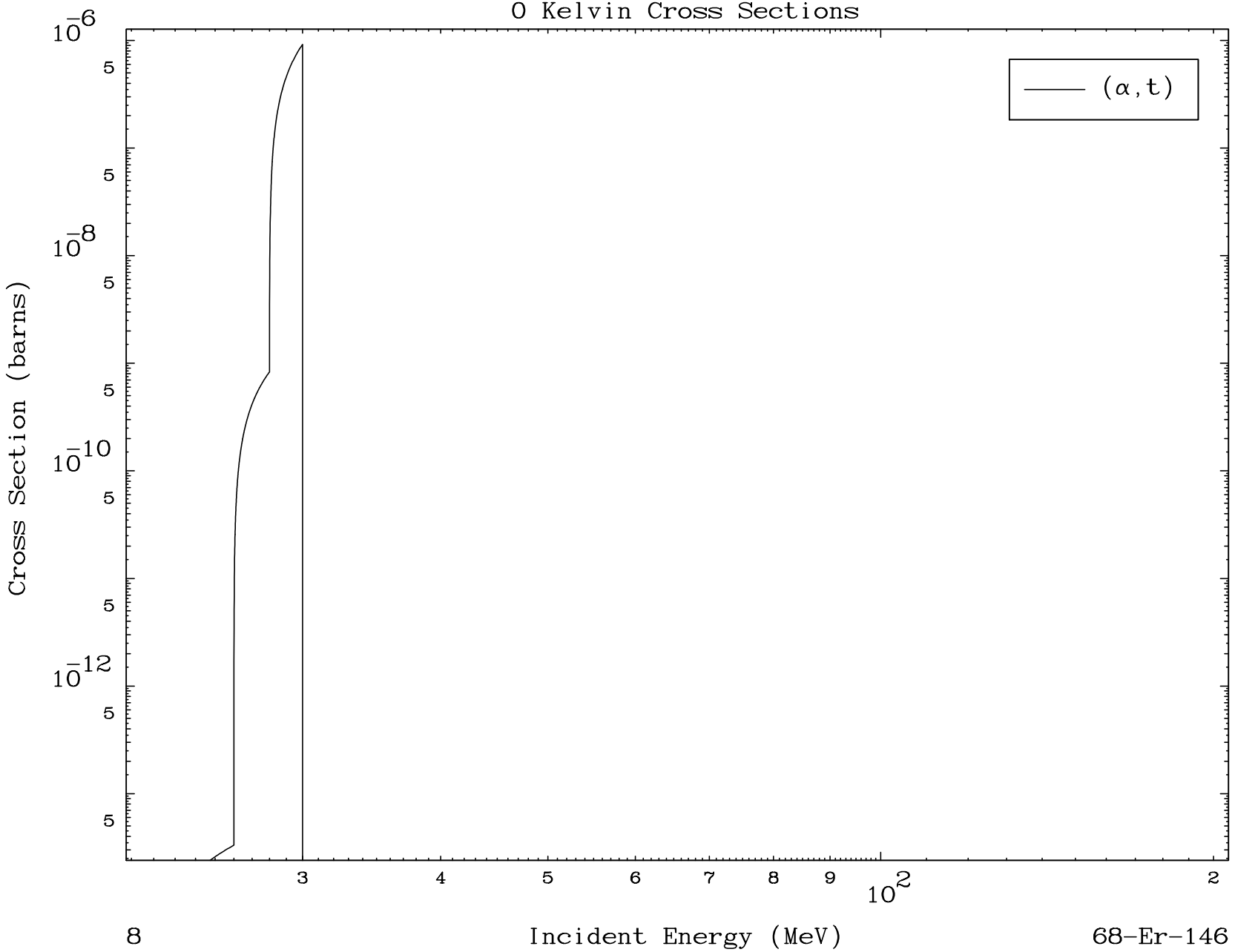
0 Kelvin Cross Sections

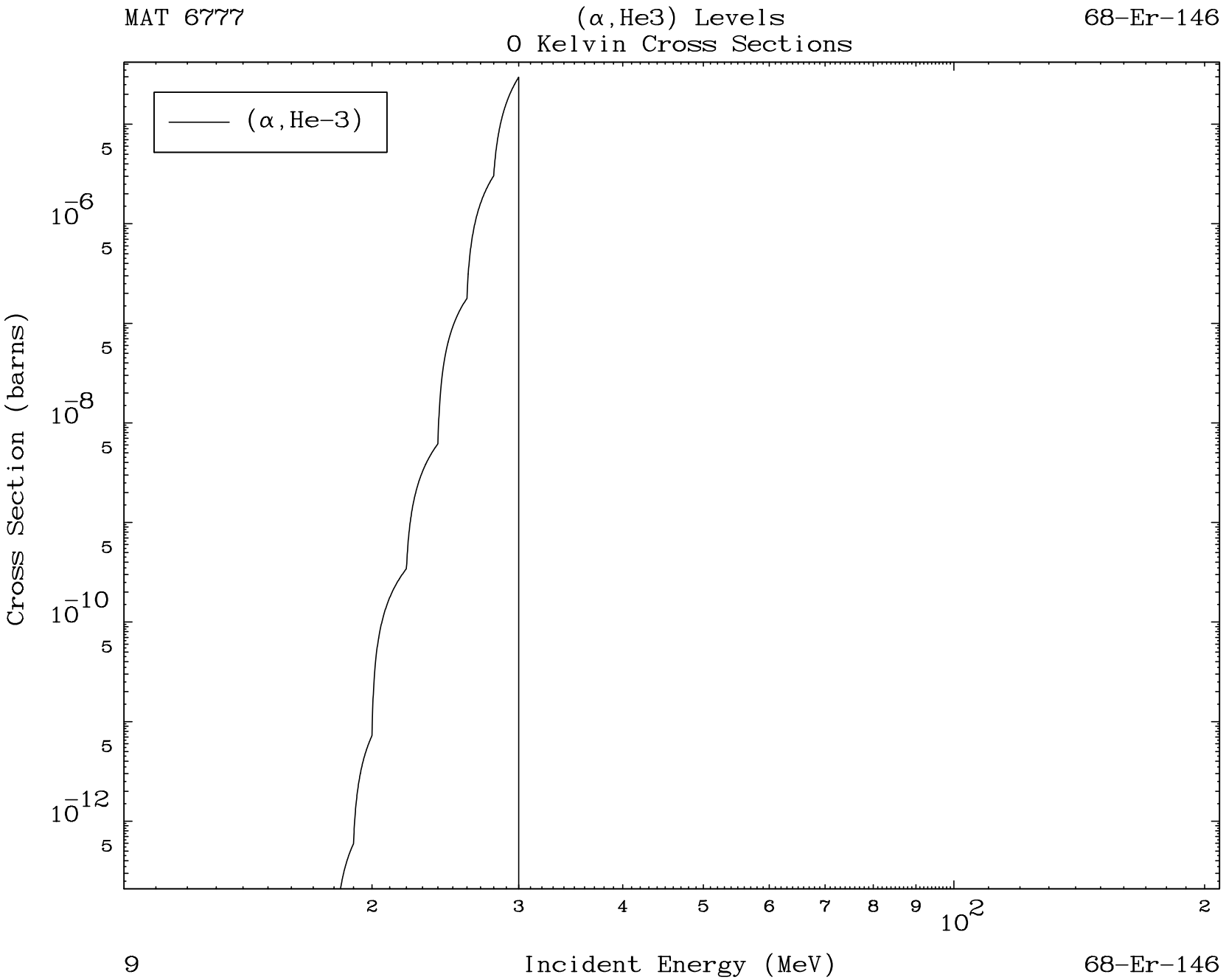


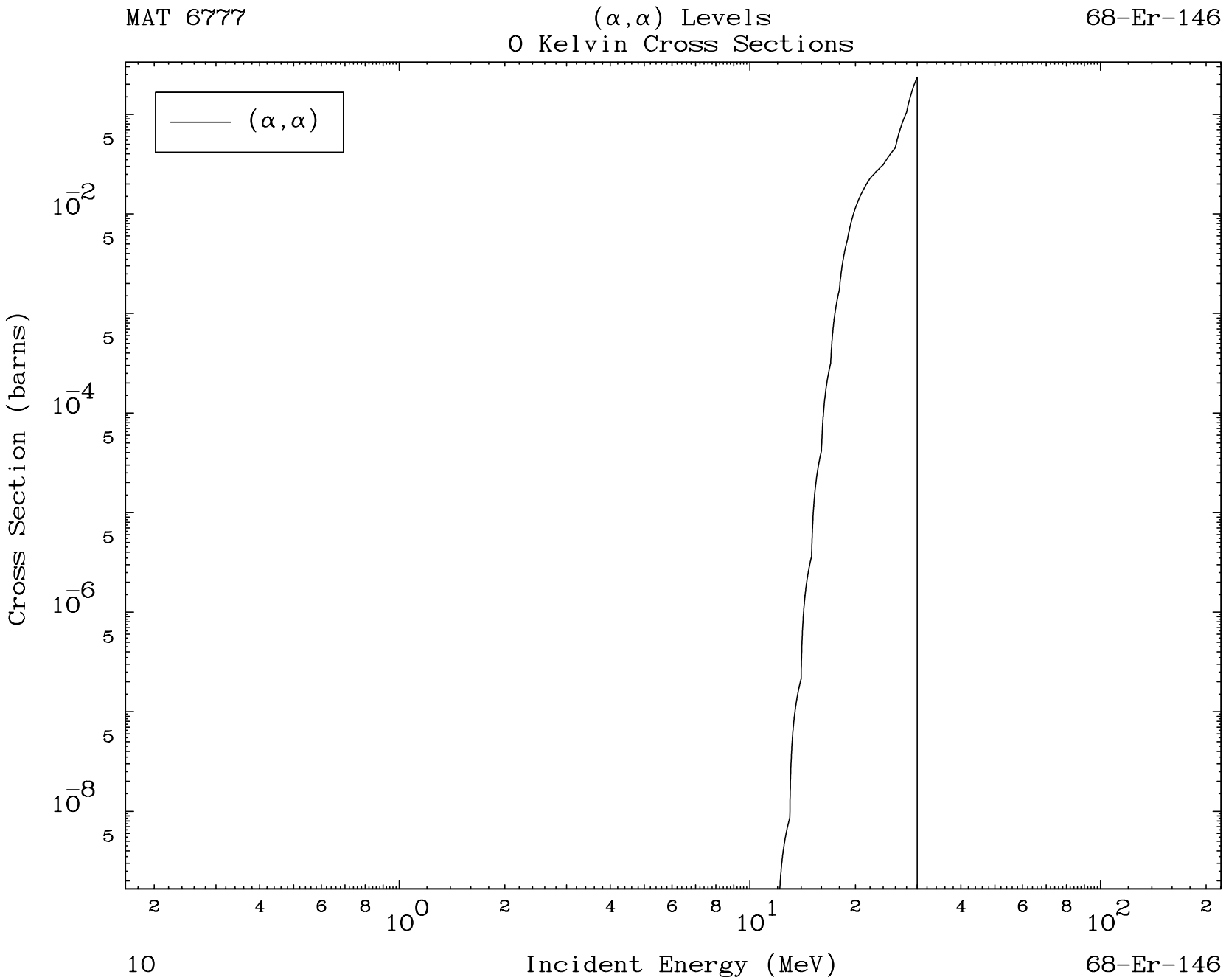

MAT 6777
(α,p) Levels
68-Er-146
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
68-Er-146
6

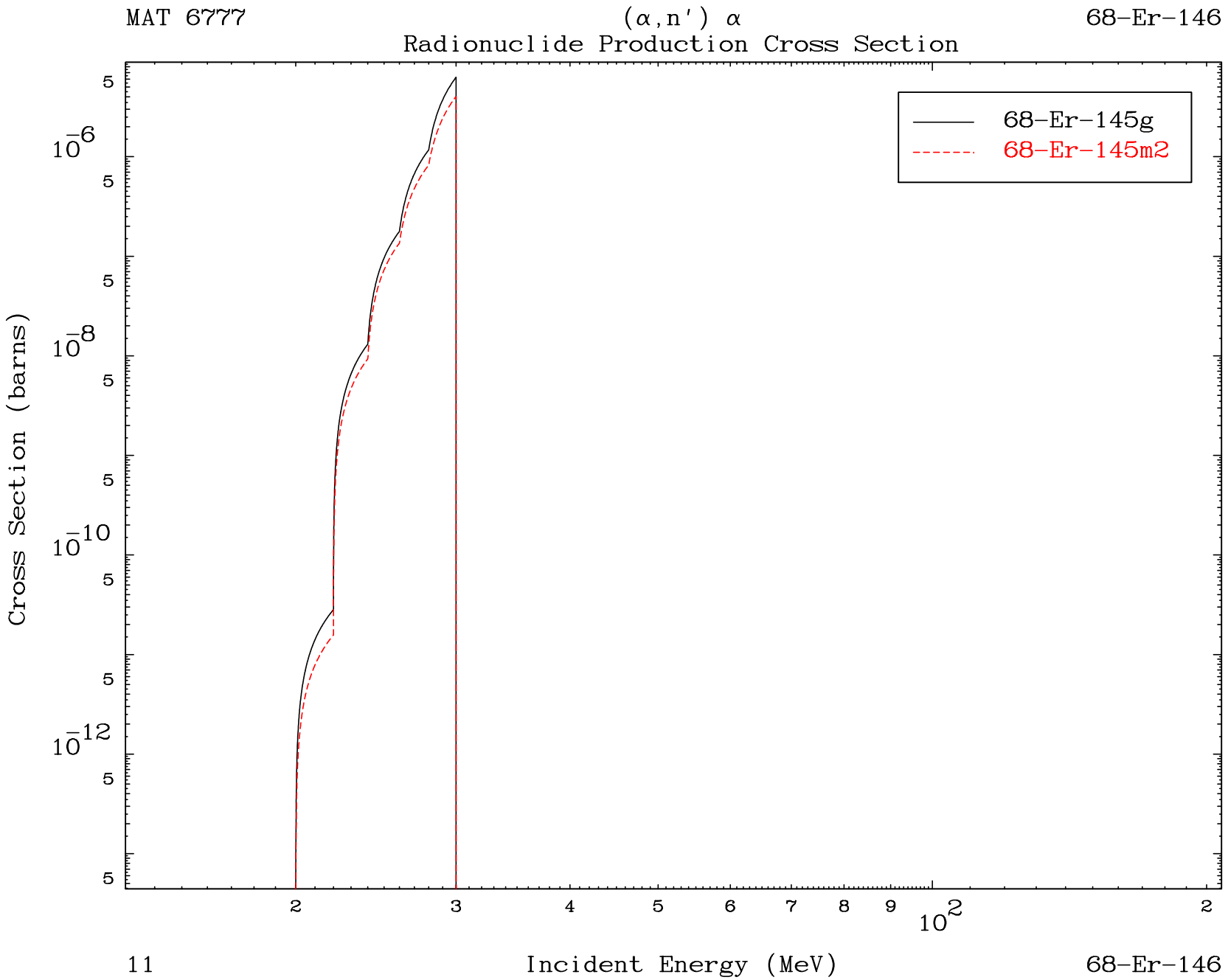
0 Kelvin Cross Sections

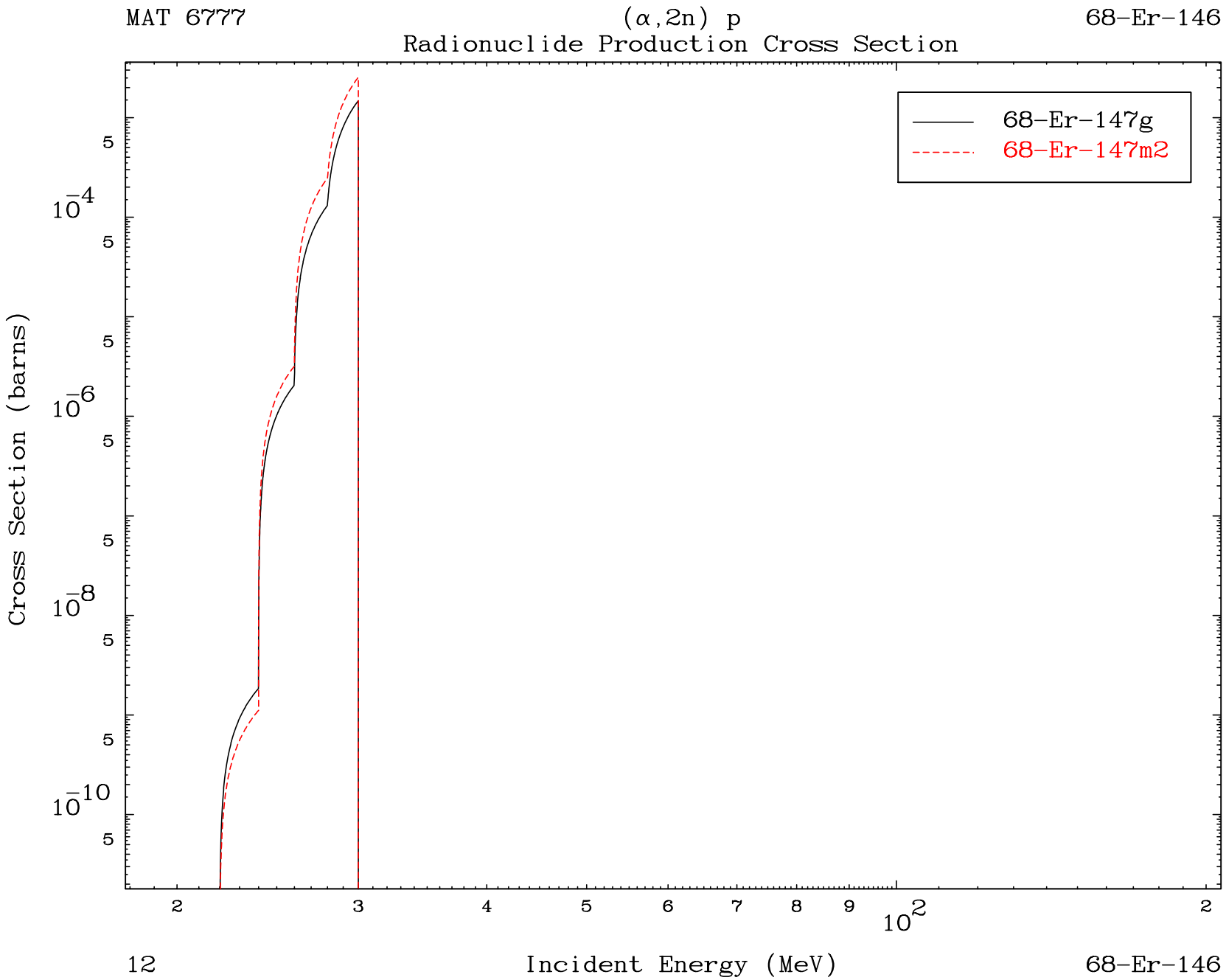


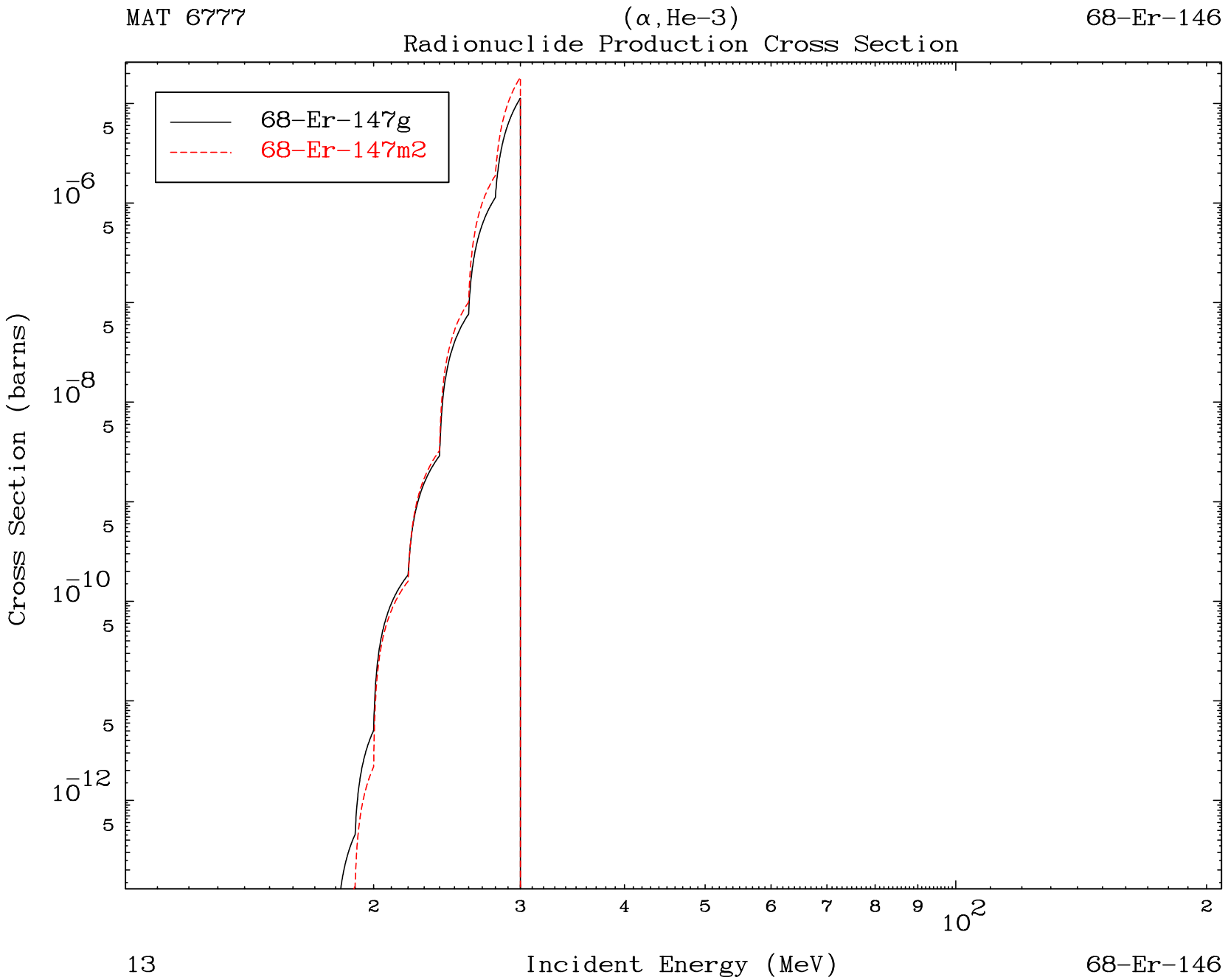

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-6
5
10^-8
5
10^-10
5
10^-12
5
5
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

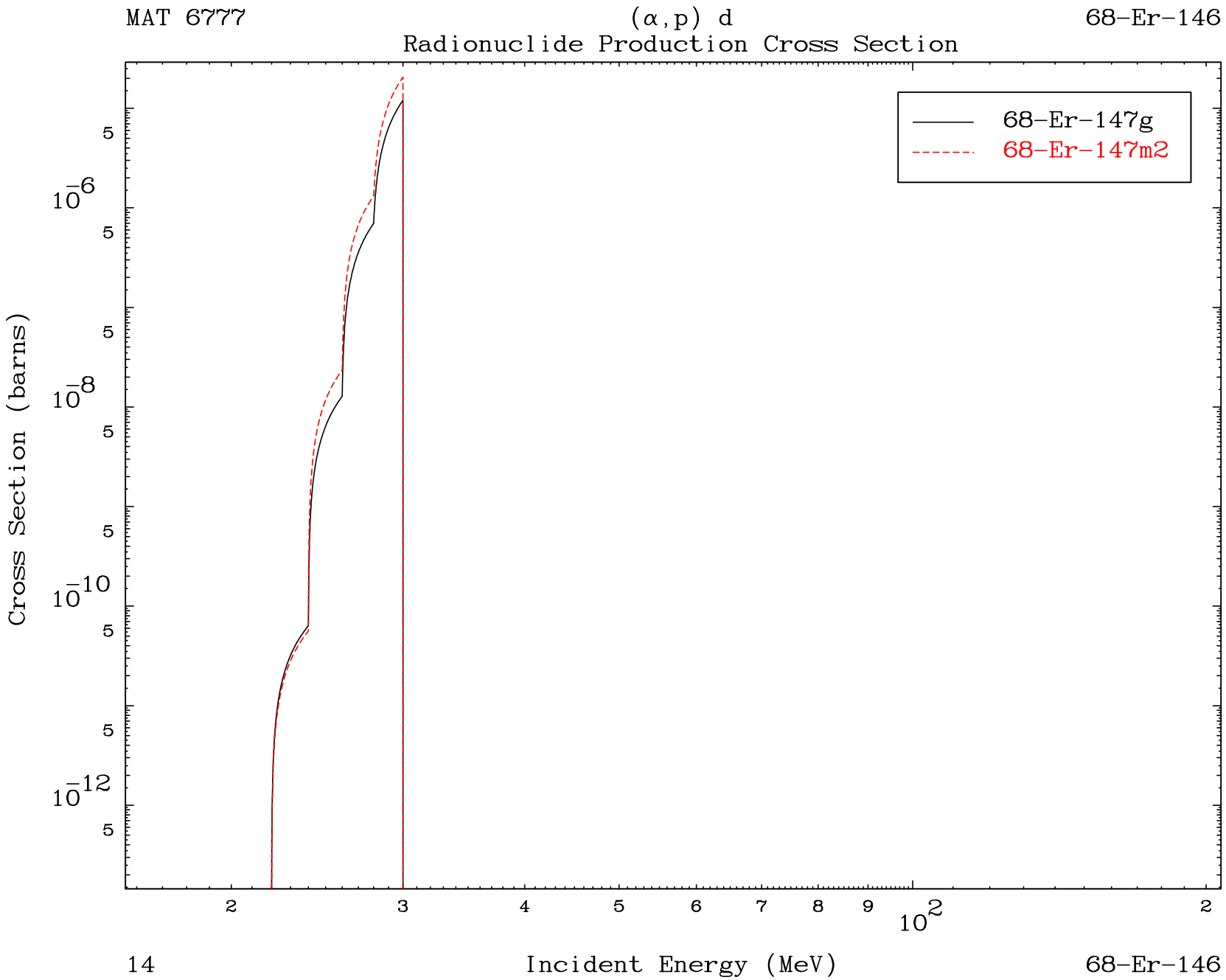

MAT 6777
(α,He3) Levels
0 Kelvin Cross Sections
68-Er-146
(α,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
68-Er-146


MAT 6777
(α,α) Levels
68-Er-146
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
68-Er-146


MAT 6777
(α,n') α
68-Er-146
Radionuclide Production Cross Section
68-Er-145g
68-Er-145m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
68-Er-146


MAT 6777
(α,2n) p
68-Er-146
Radionuclide Production Cross Section
68-Er-147g
68-Er-147m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
12
68-Er-146


MAT 6777
(α,He-3)
68-Er-146
Radionuclide Production Cross Section
68-Er-147g
68-Er-147m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
68-Er-146


MAT 6777
(α,p) d
68-Er-146
Radionuclide Production Cross Section
68-Er-147g
68-Er-147m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
68-Er-146