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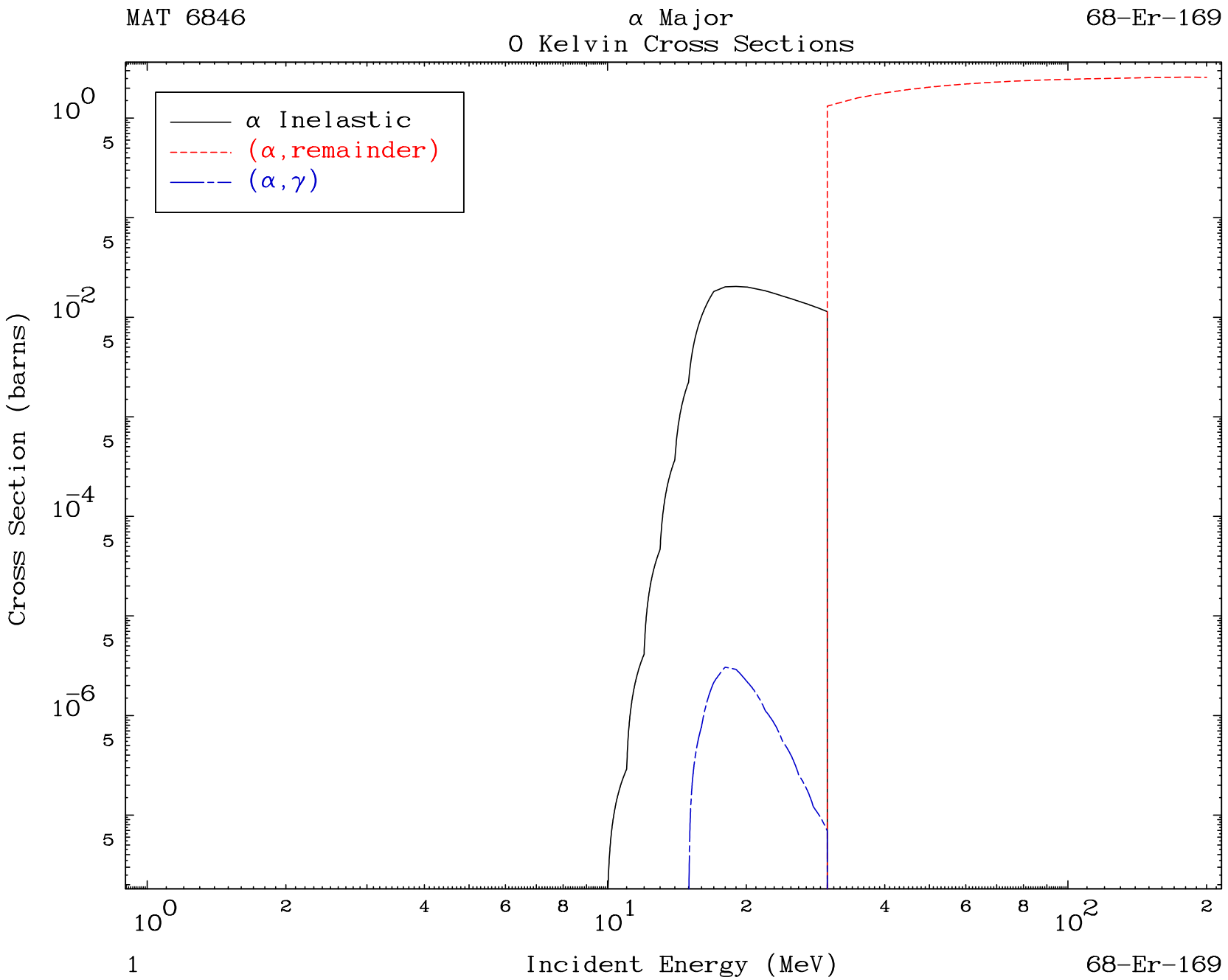
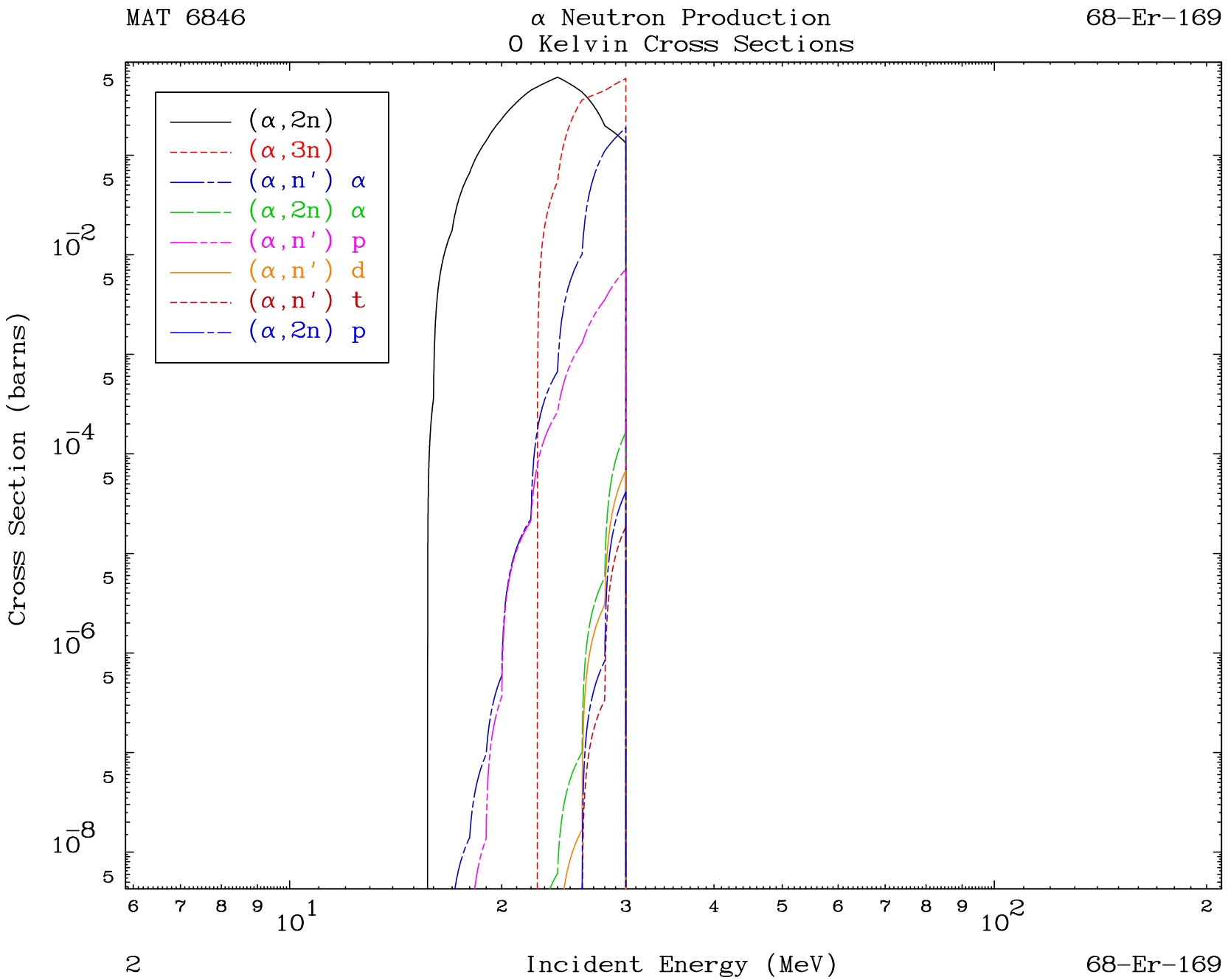
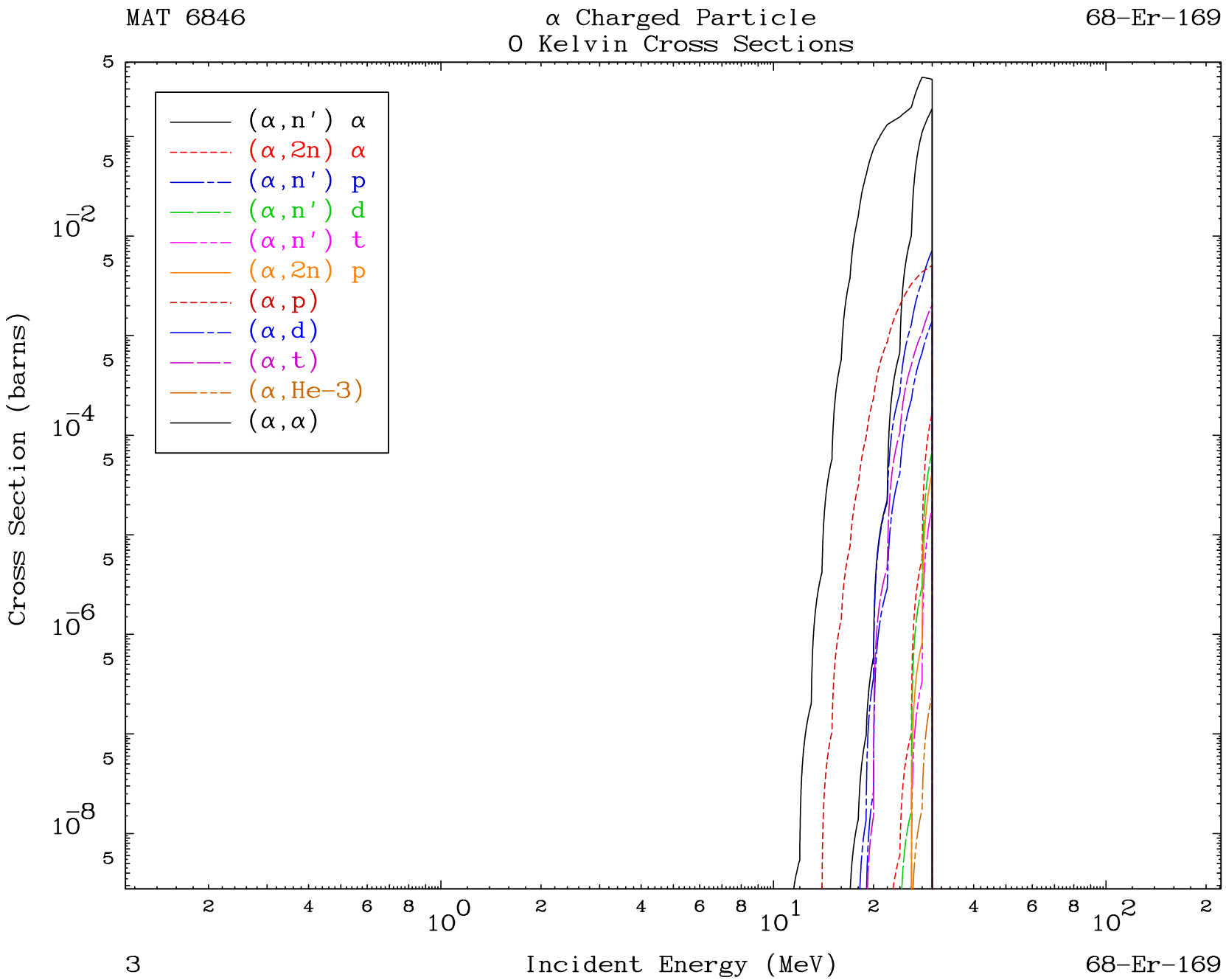
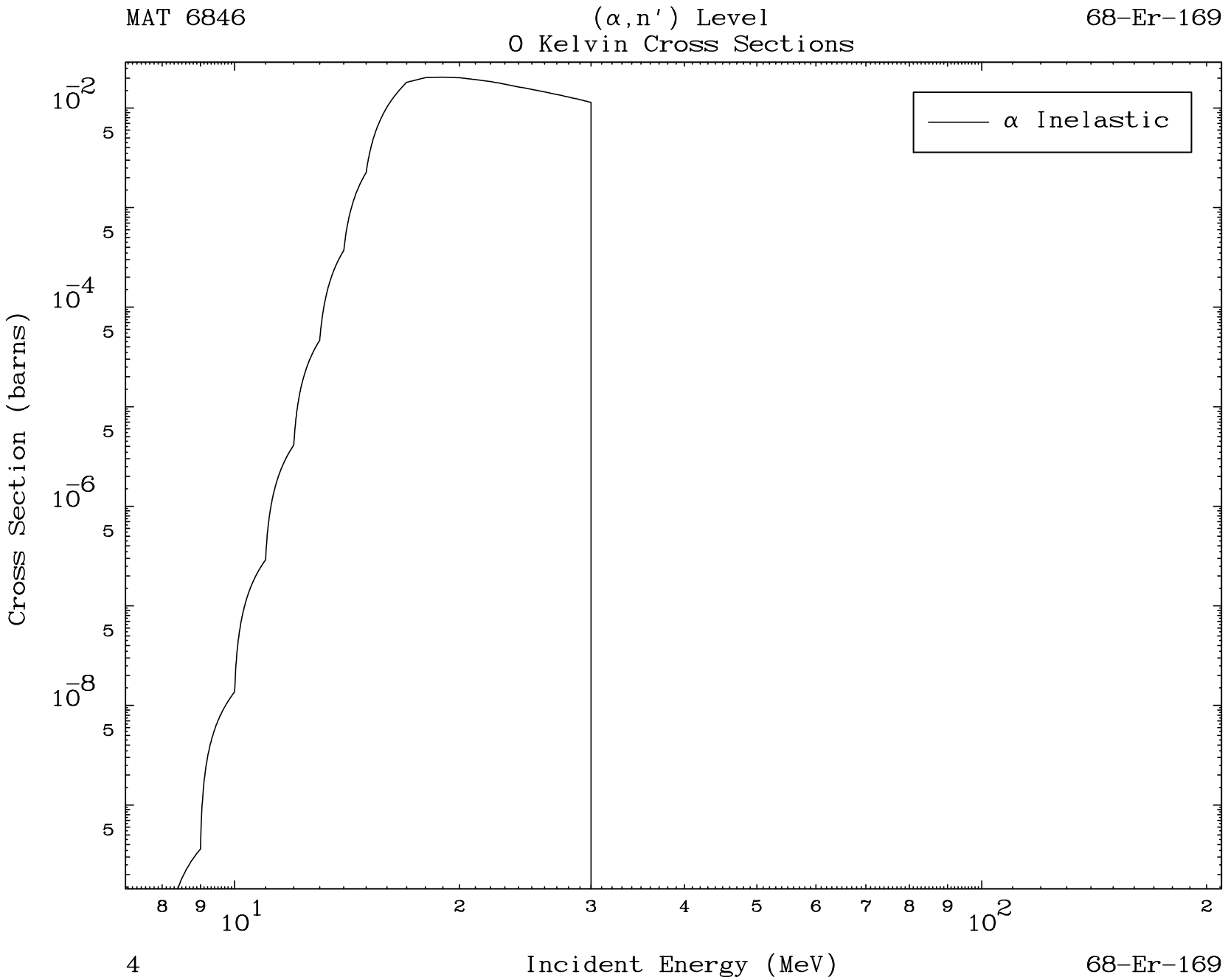
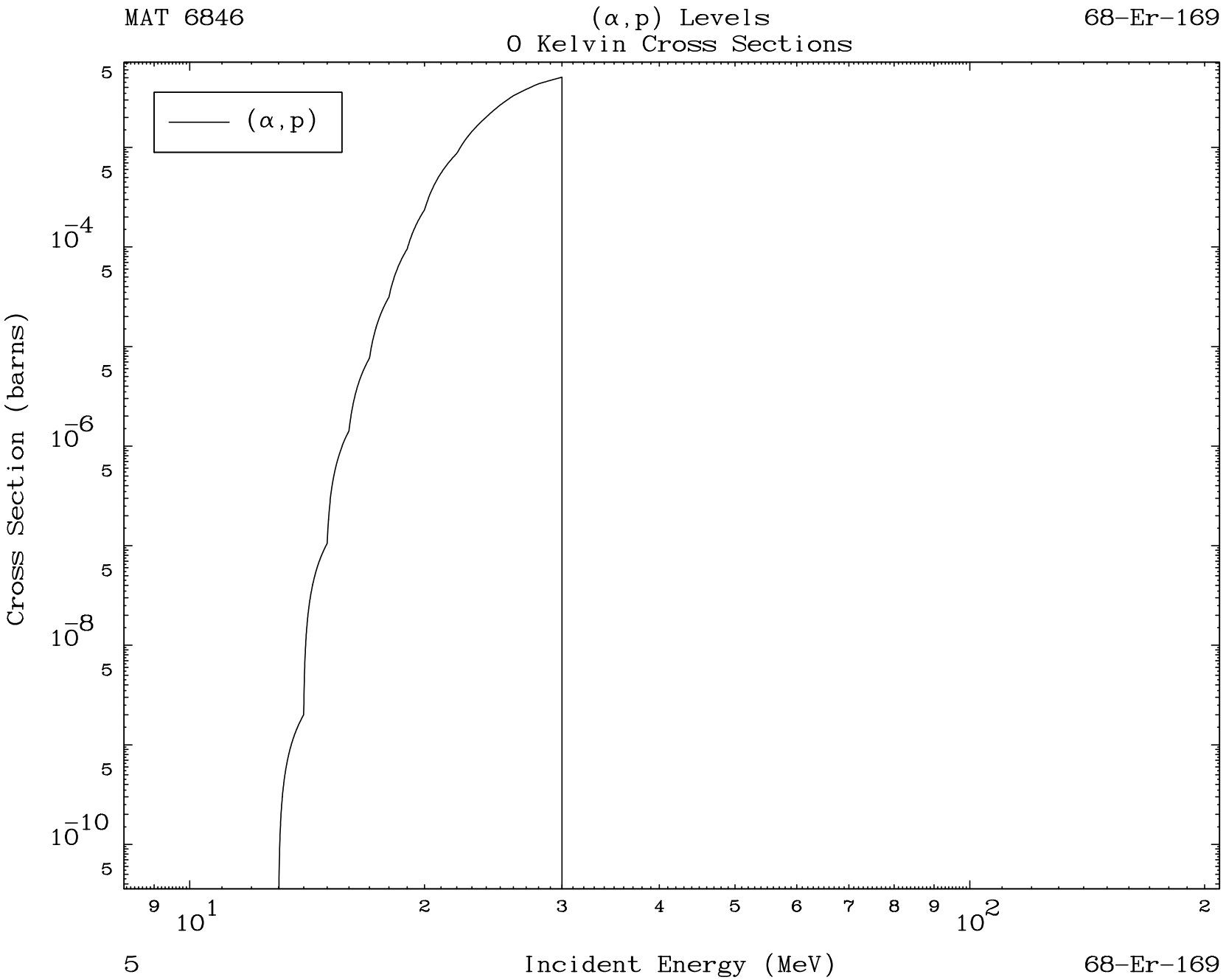
Press Mouse Button to Start

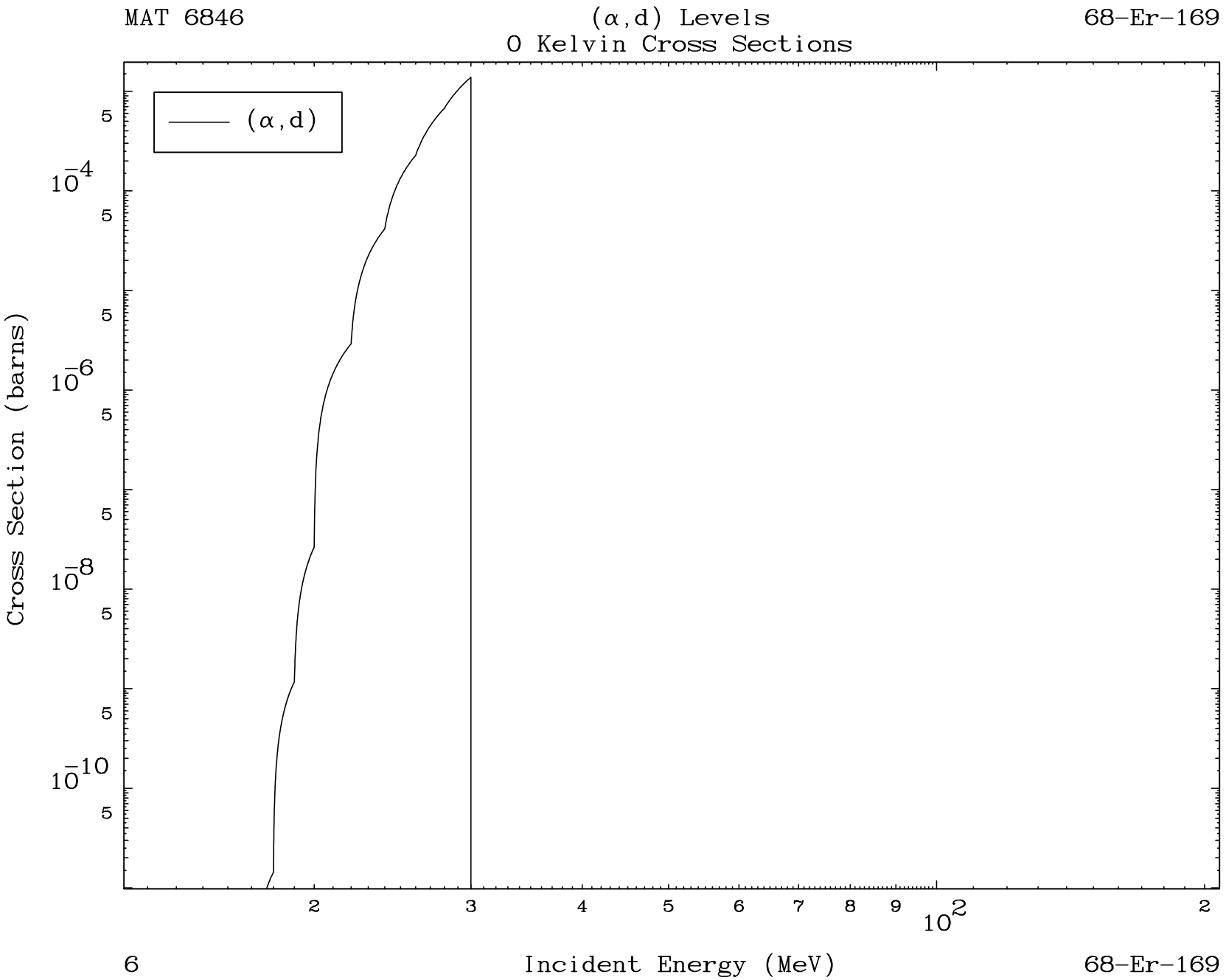

MAT 6846
α Major
68-Er-169
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
68-Er-169

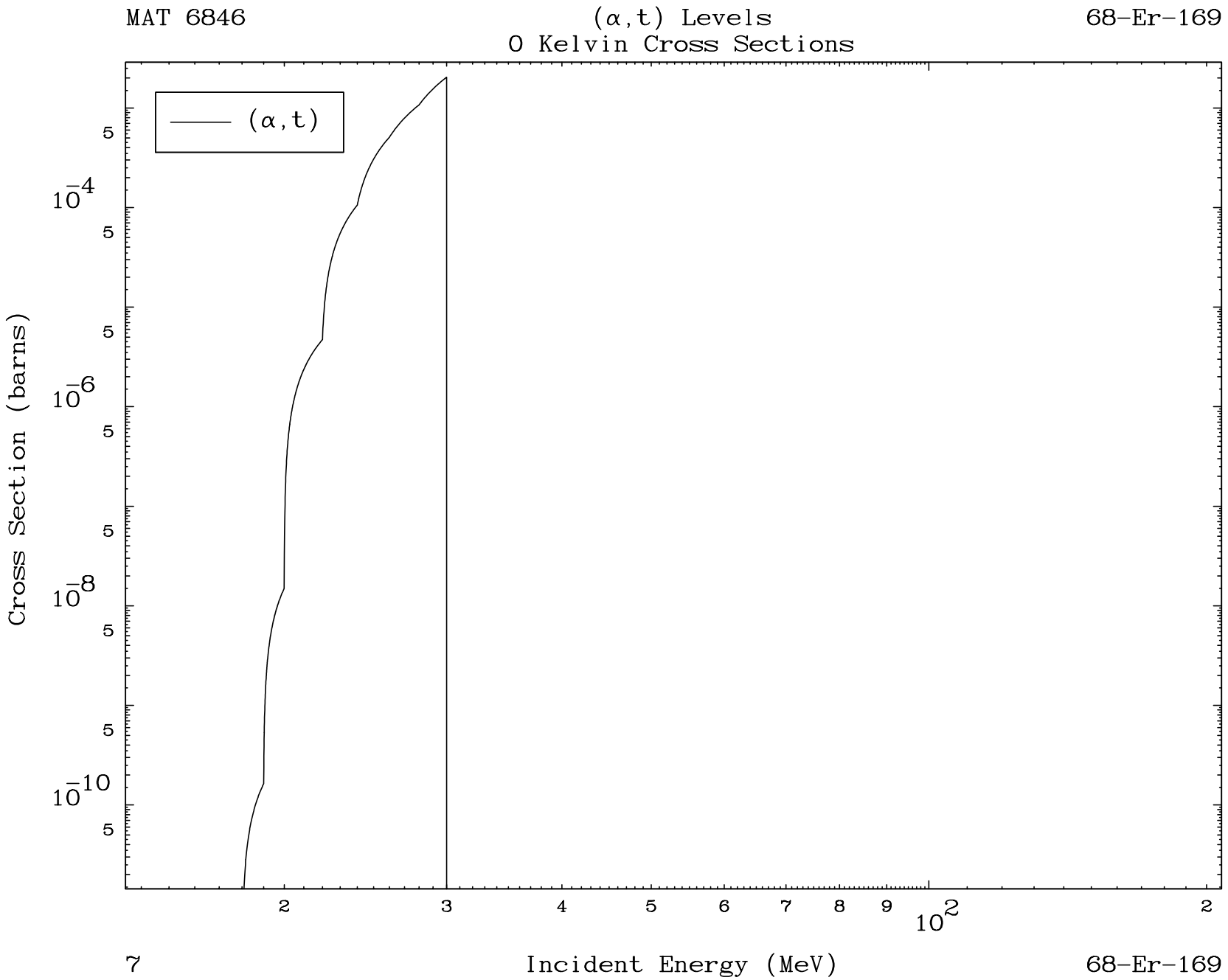

MAT 6846
α Neutron Production
0 Kelvin Cross Sections
68-Er-169
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
68-Er-169

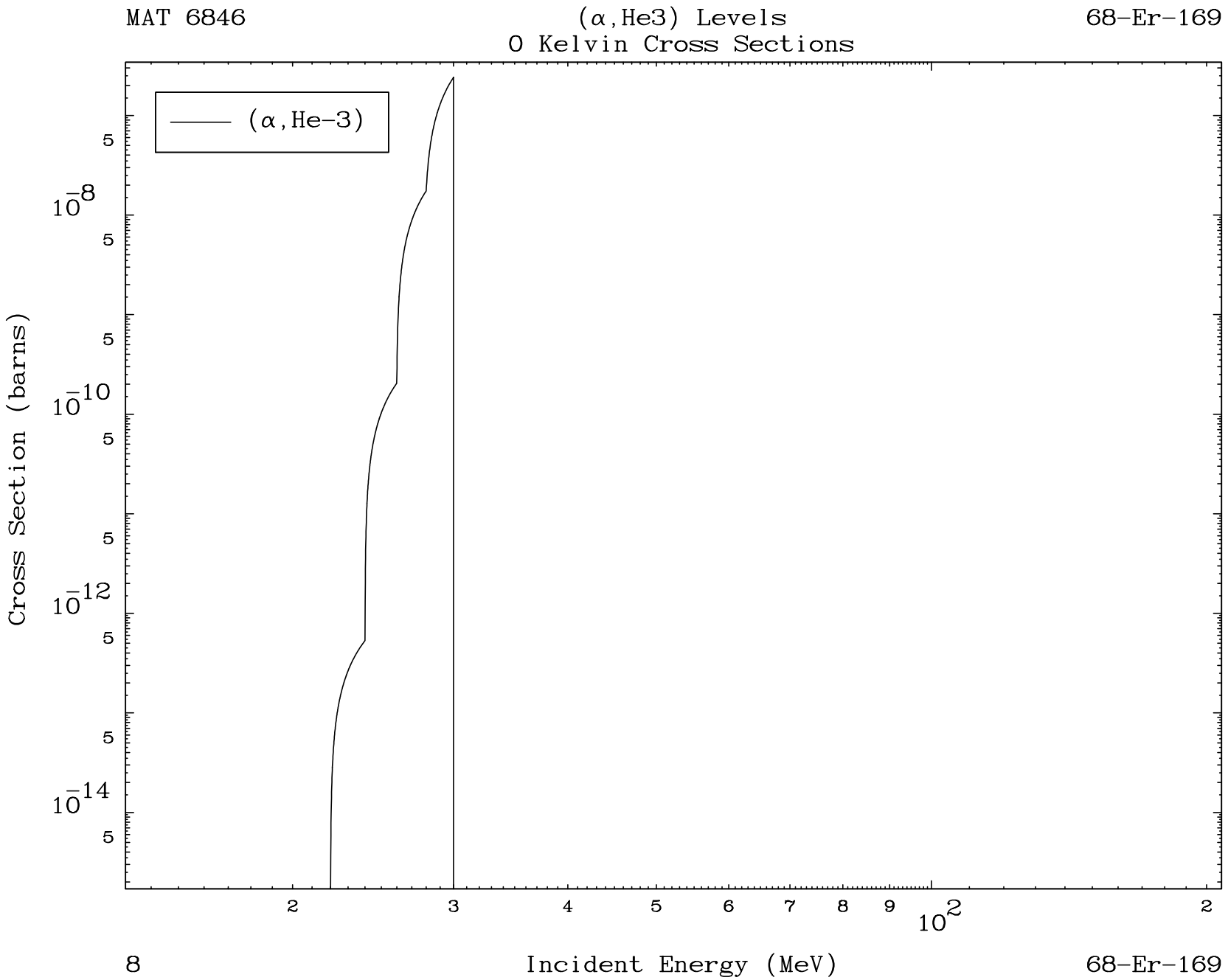

MAT 6846
α Charged Particle
0 Kelvin Cross Sections
68-Er-169
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
3
68-Er-169

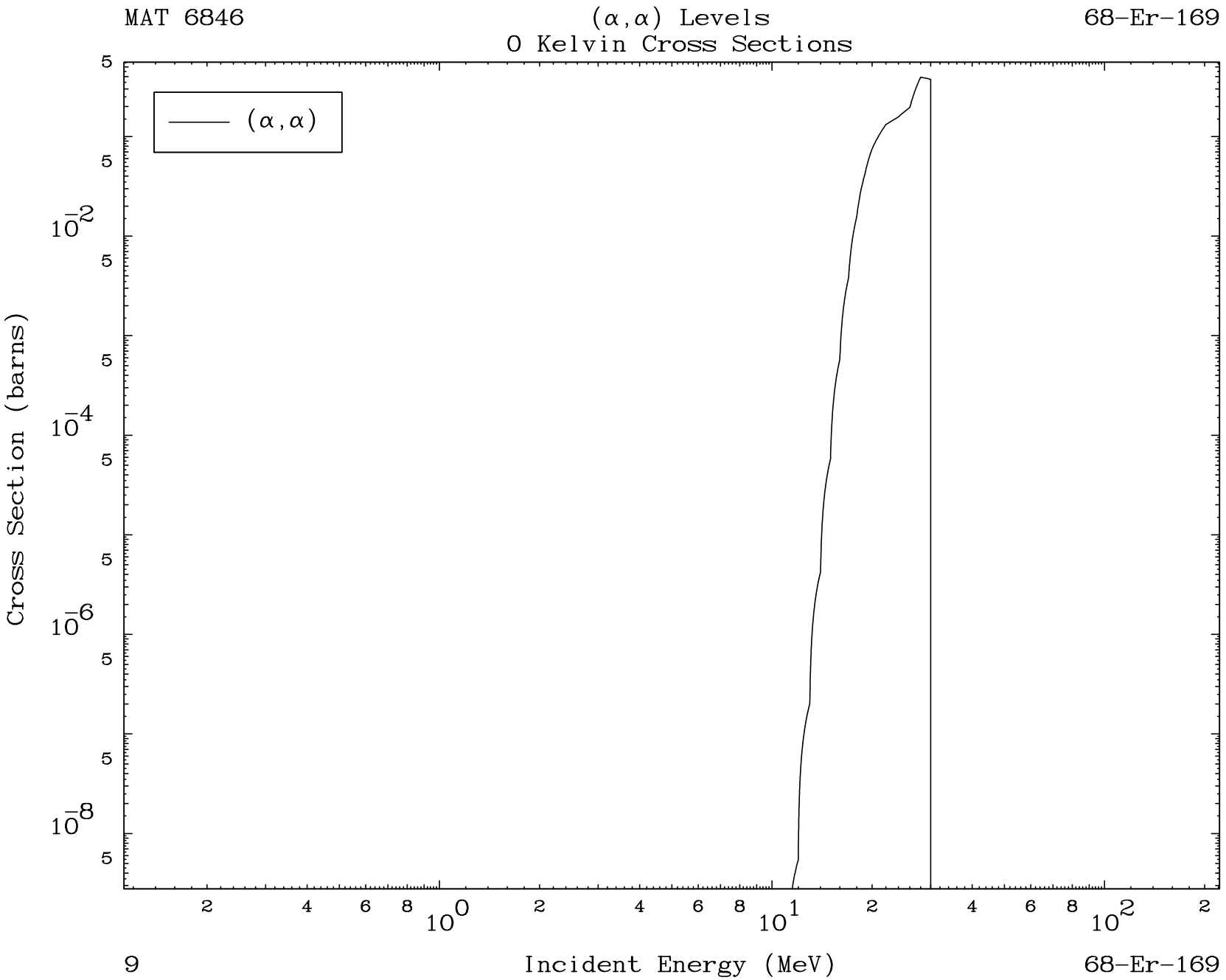

MAT 6846
(α,n') Level
68-Er-169
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
4
68-Er-169

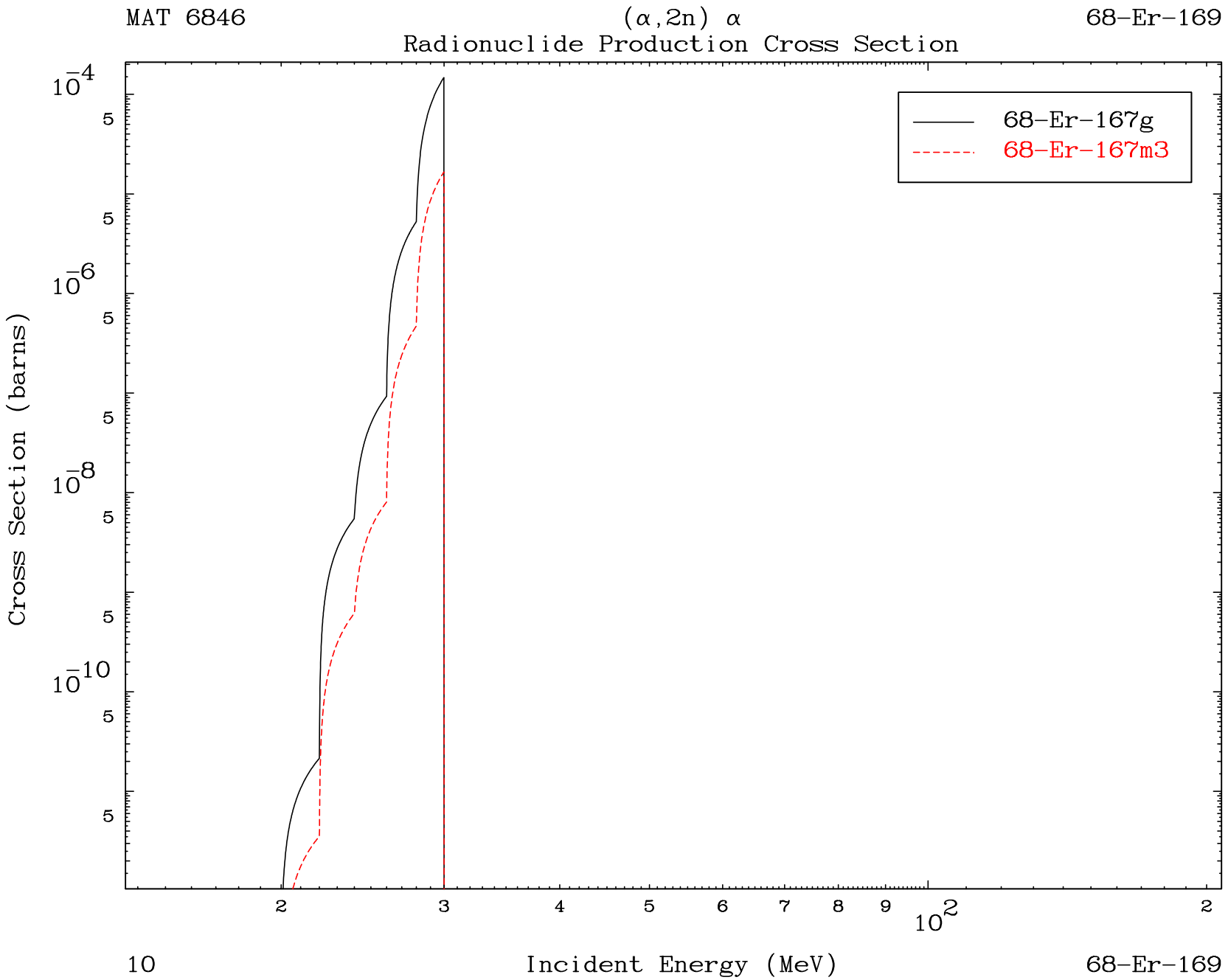

MAT 6846
(α,p) Levels
68-Er-169
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
68-Er-169


MAT 6846
(α,d) Levels
68-Er-169
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
6
Incident Energy (MeV)
68-Er-169


MAT 6846
(α,t) Levels
68-Er-169
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
68-Er-169


MAT 6846
(α,He3) Levels
68-Er-169
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
8
Incident Energy (MeV)
68-Er-169


MAT 6846
(α,α) Levels
68-Er-169
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
9
68-Er-169


MAT 6846
(α,2n) α
68-Er-169
Radionuclide Production Cross Section
68-Er-167g
68-Er-167m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^2
68-Er-169