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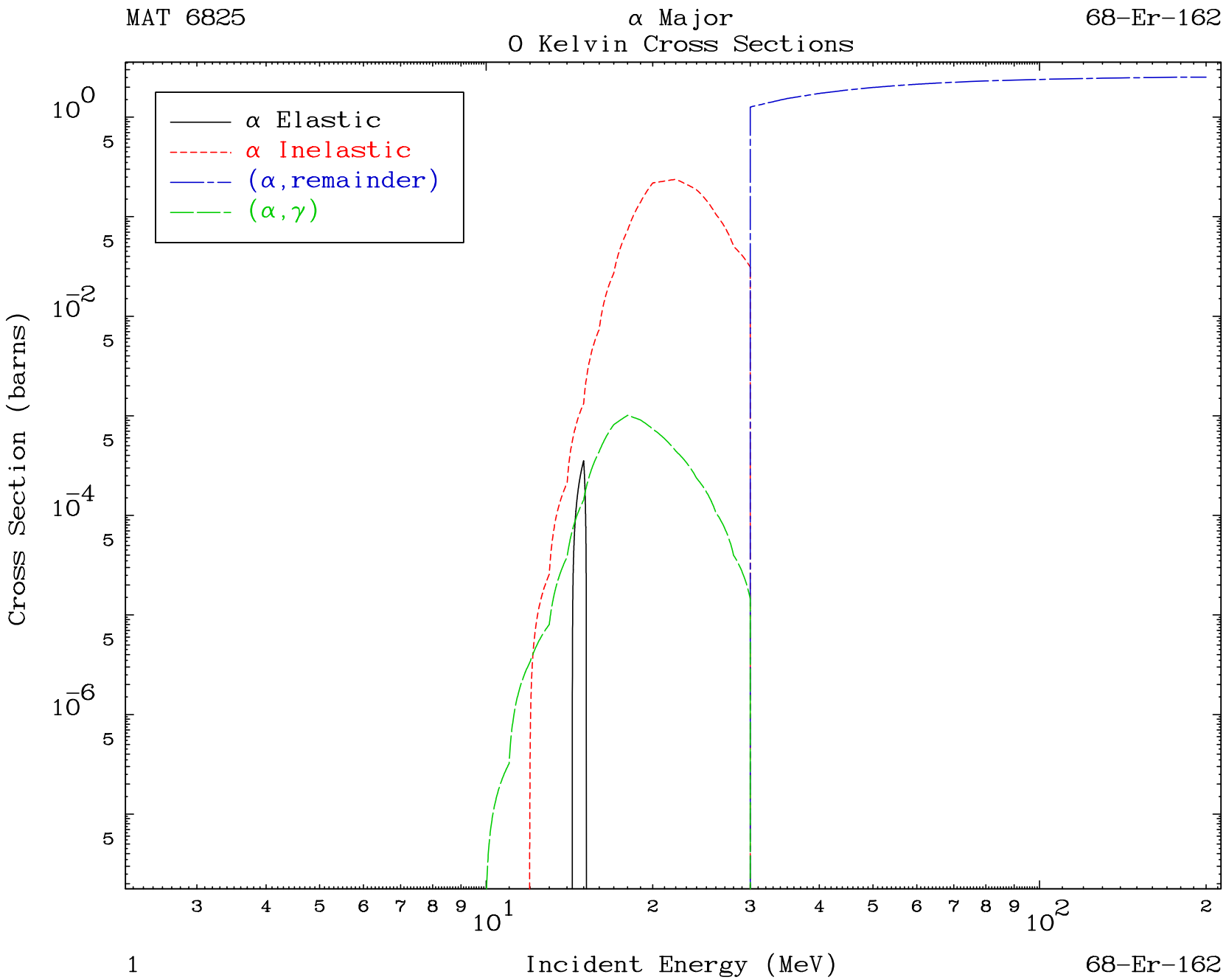
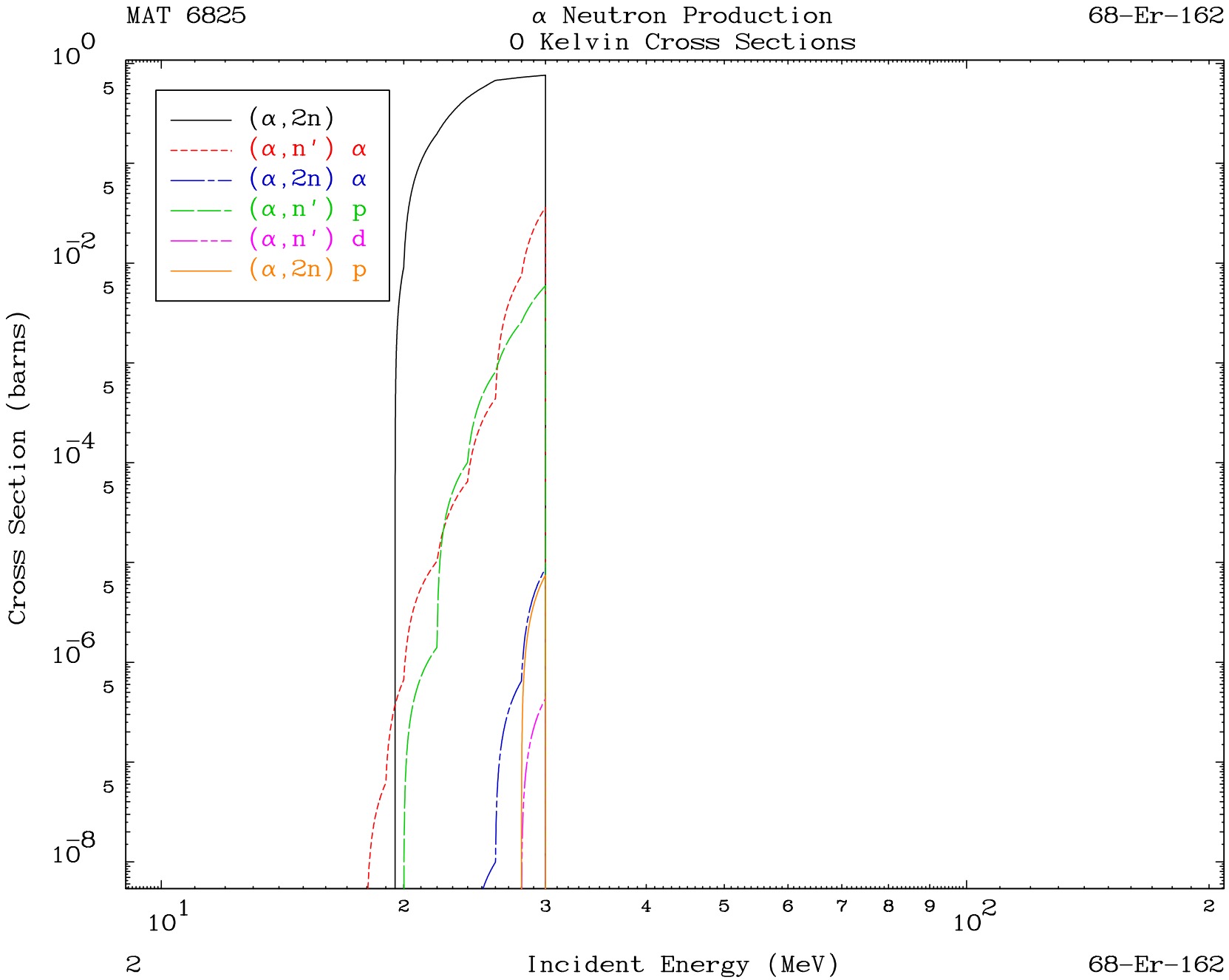
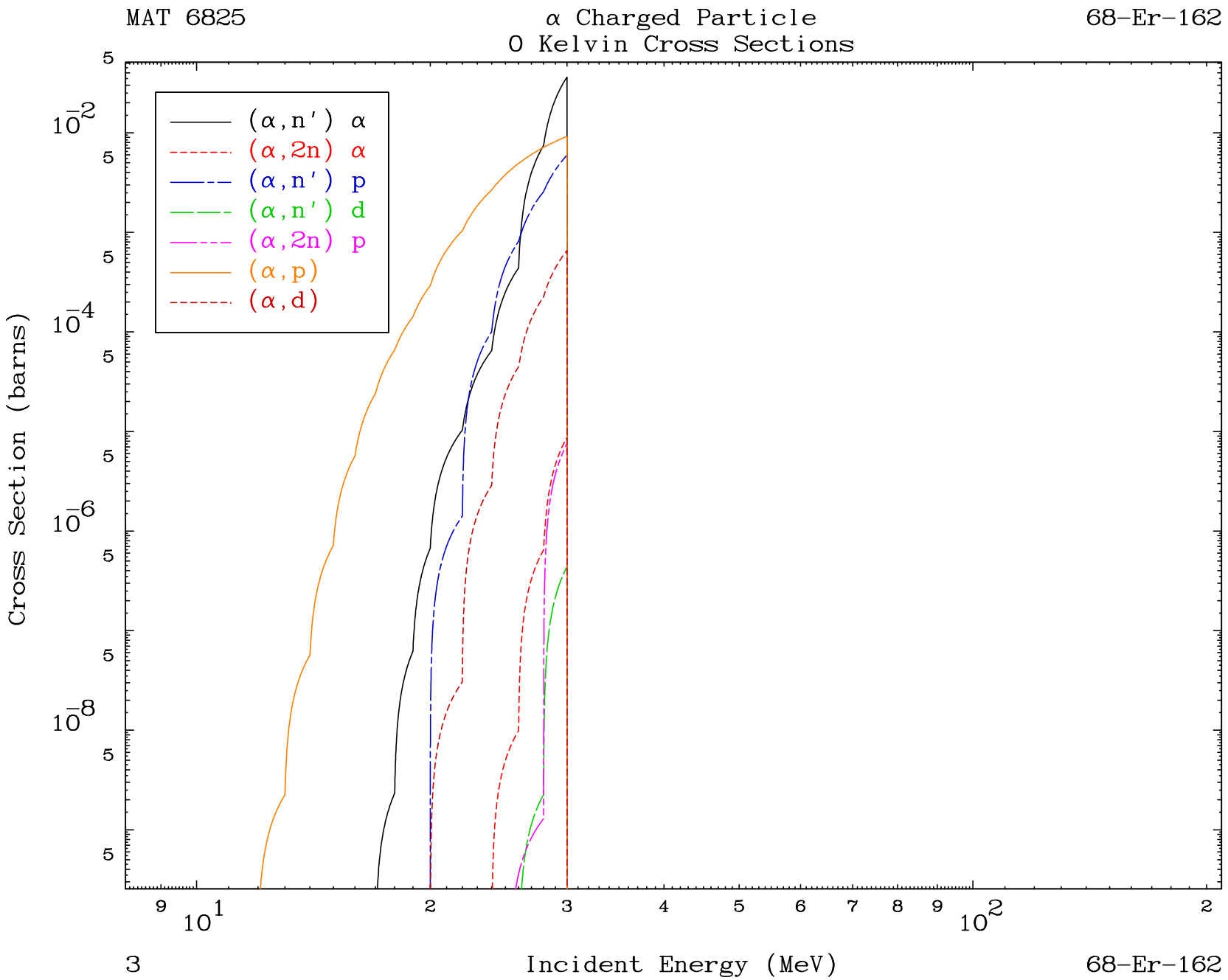
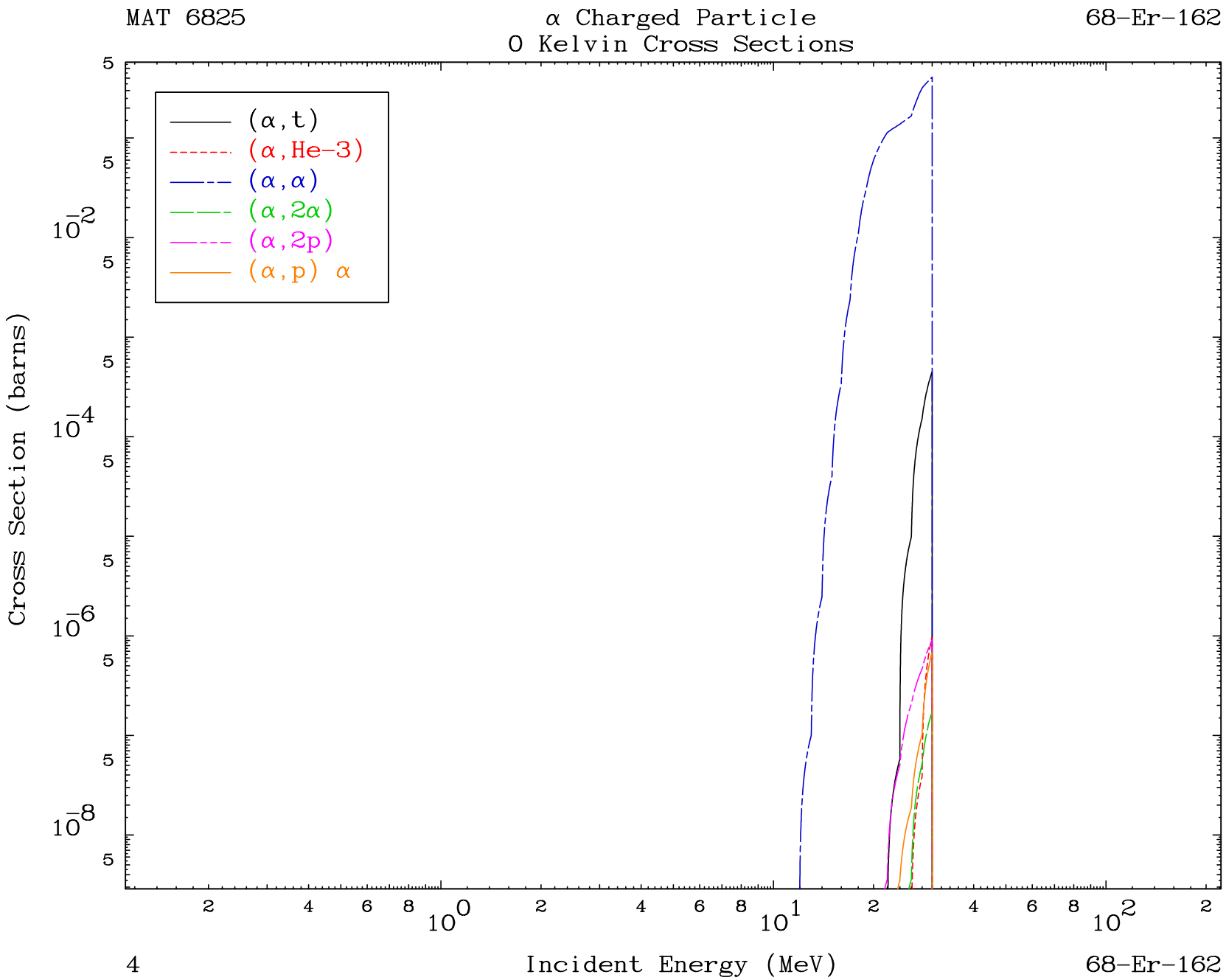
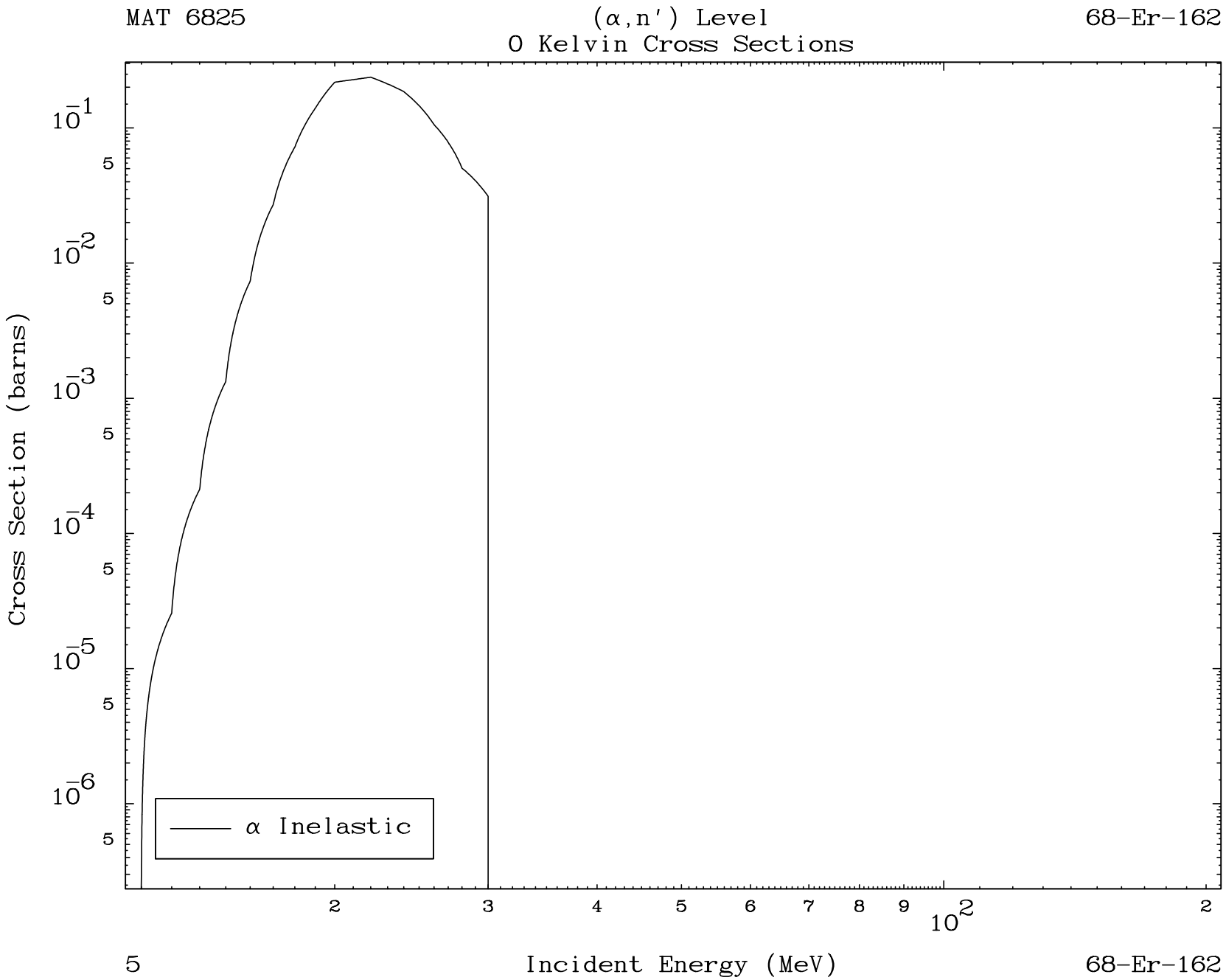
Press Mouse Button to Start

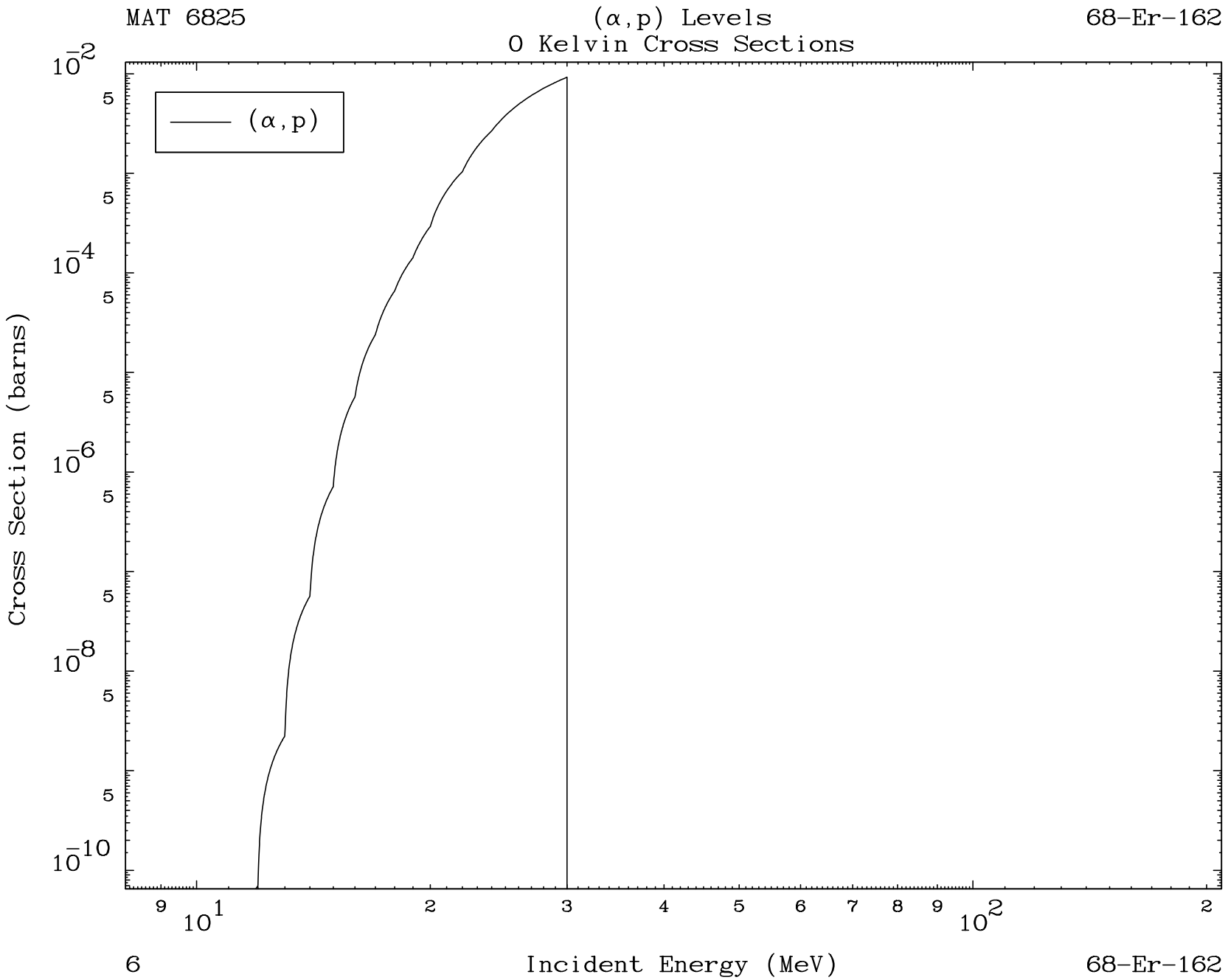

MAT 6825
α Major
68-Er-162
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
68-Er-162

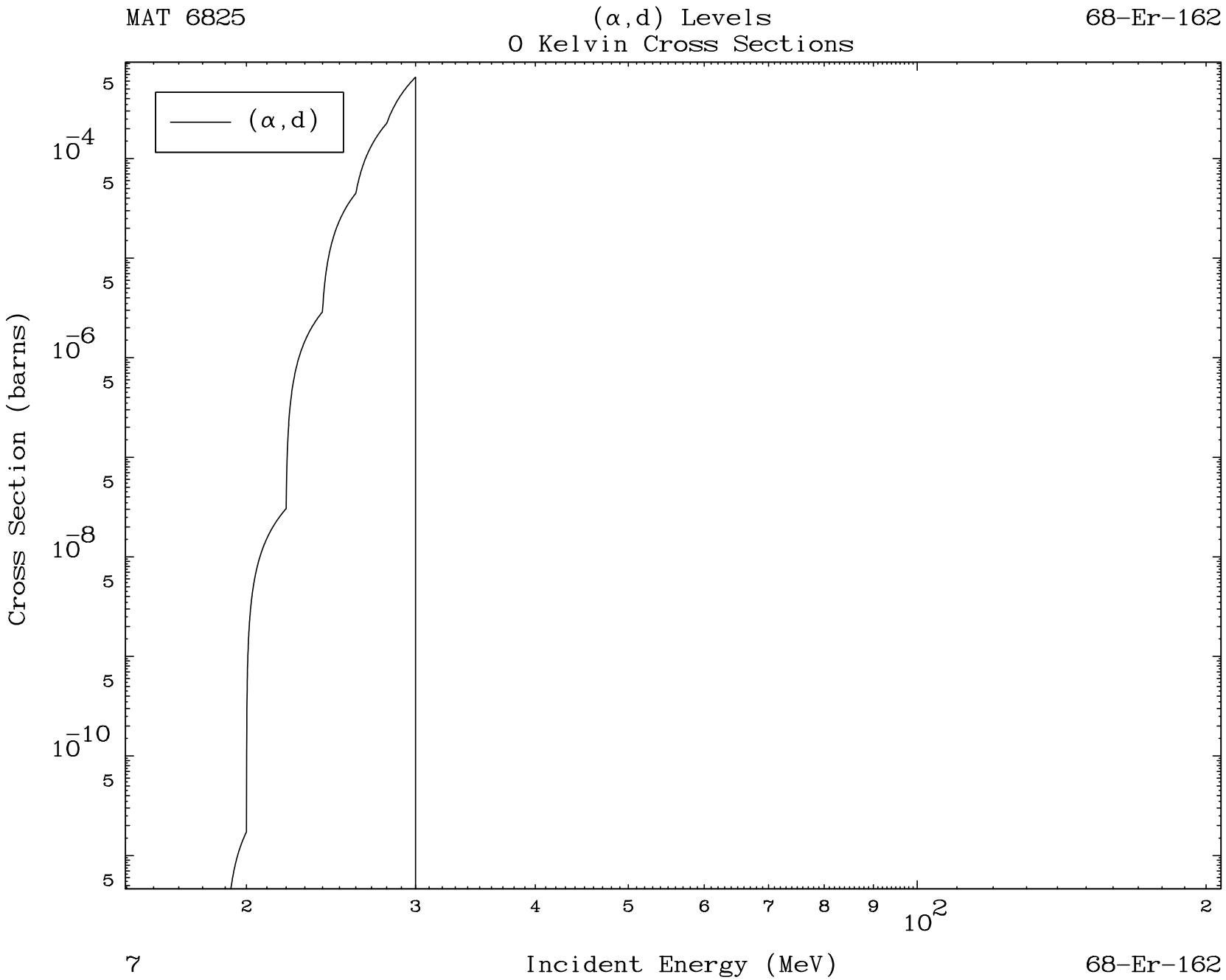

MAT 6825
α Neutron Production
0 Kelvin Cross Sections
68-Er-162
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
68-Er-162

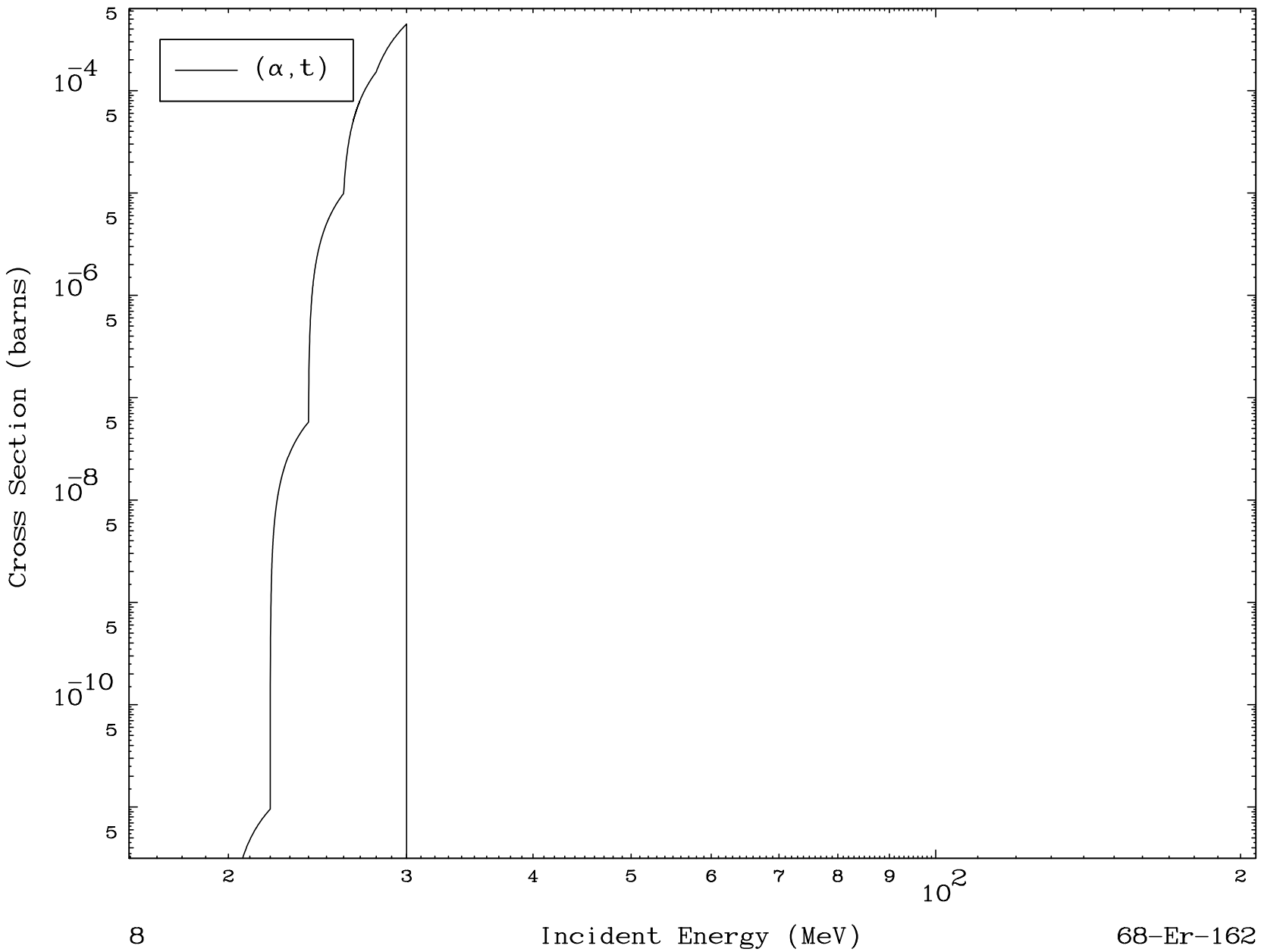

MAT 6825
α Charged Particle
0 Kelvin Cross Sections
68-Er-162
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
68-Er-162

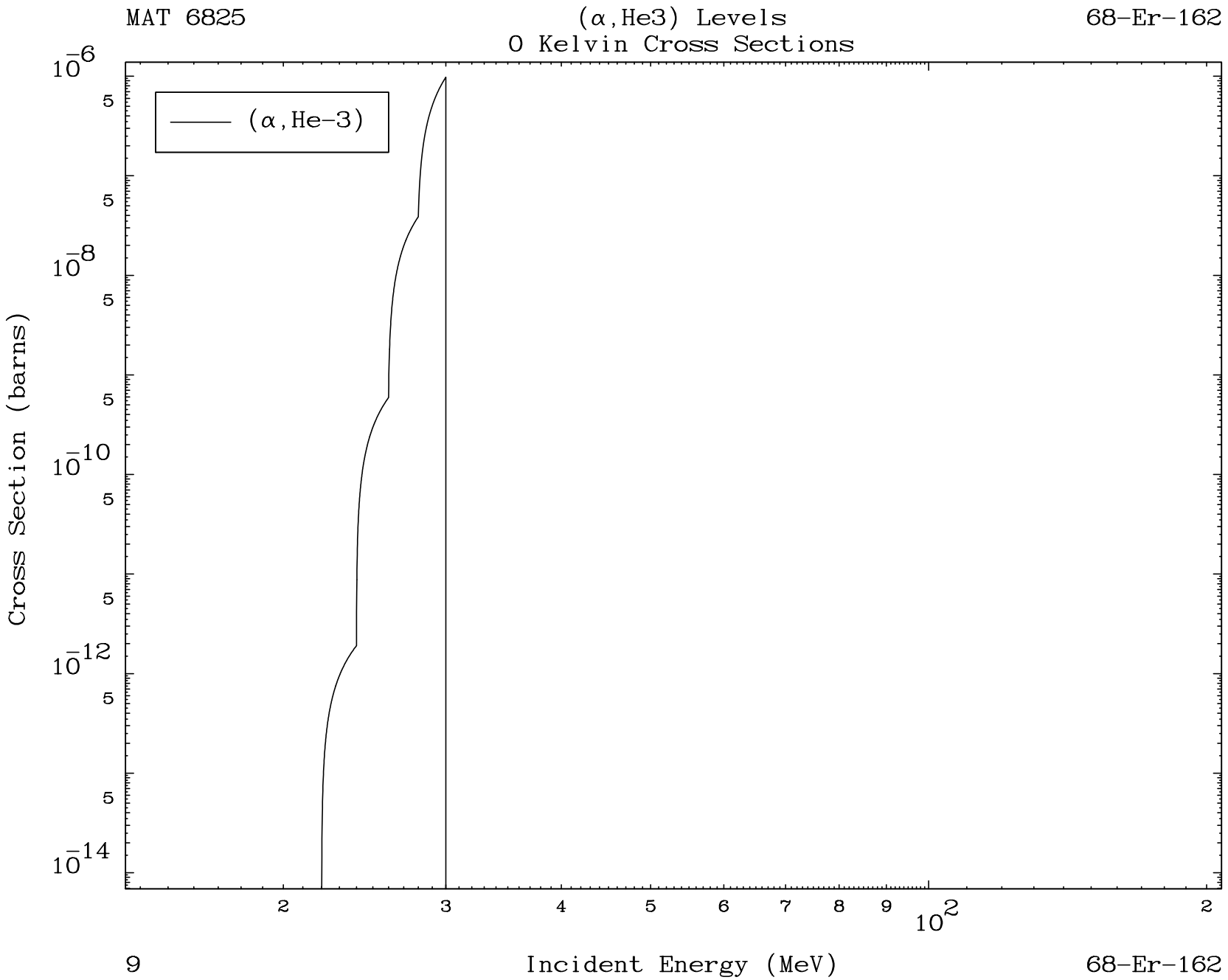

MAT 6825
α Charged Particle
0 Kelvin Cross Sections
68-Er-162
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
Cross Section (barns)
Incident Energy (MeV)
4
68-Er-162

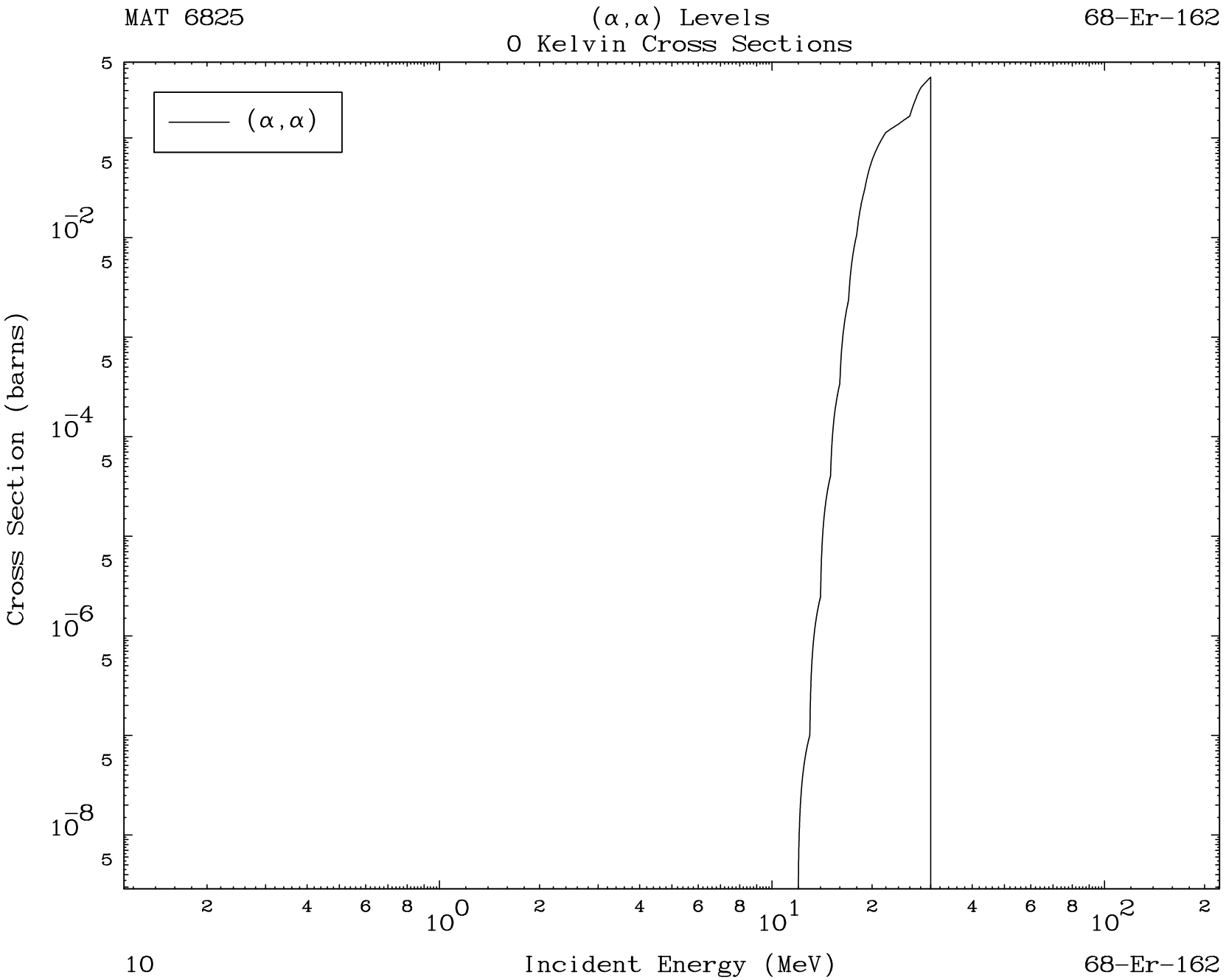

MAT 6825
(α,n') Level
68-Er-162
0 Kelvin Cross Sections
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
α Inelastic
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
68-Er-162

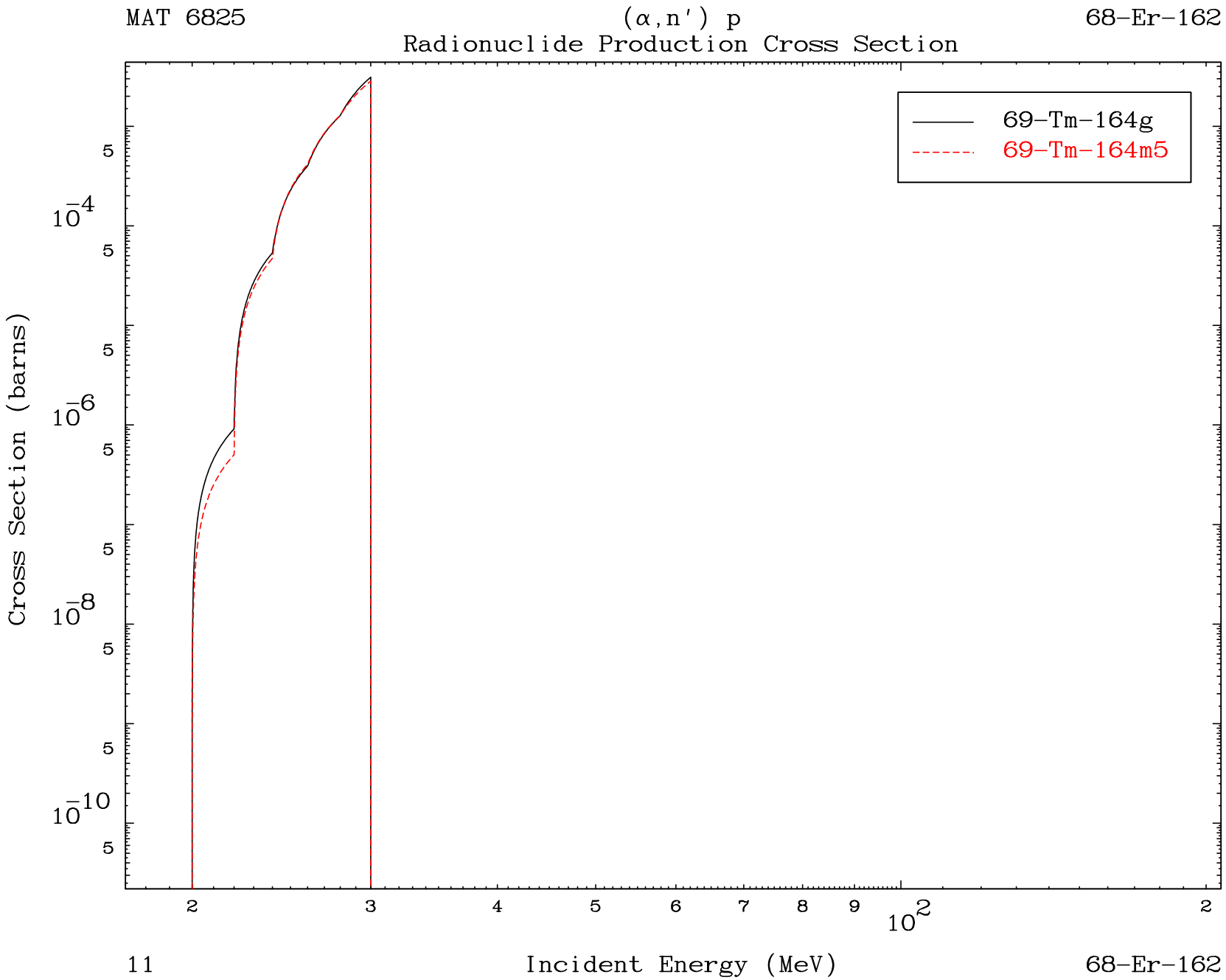

MAT 6825
(α,p) Levels
68-Er-162
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
68-Er-162

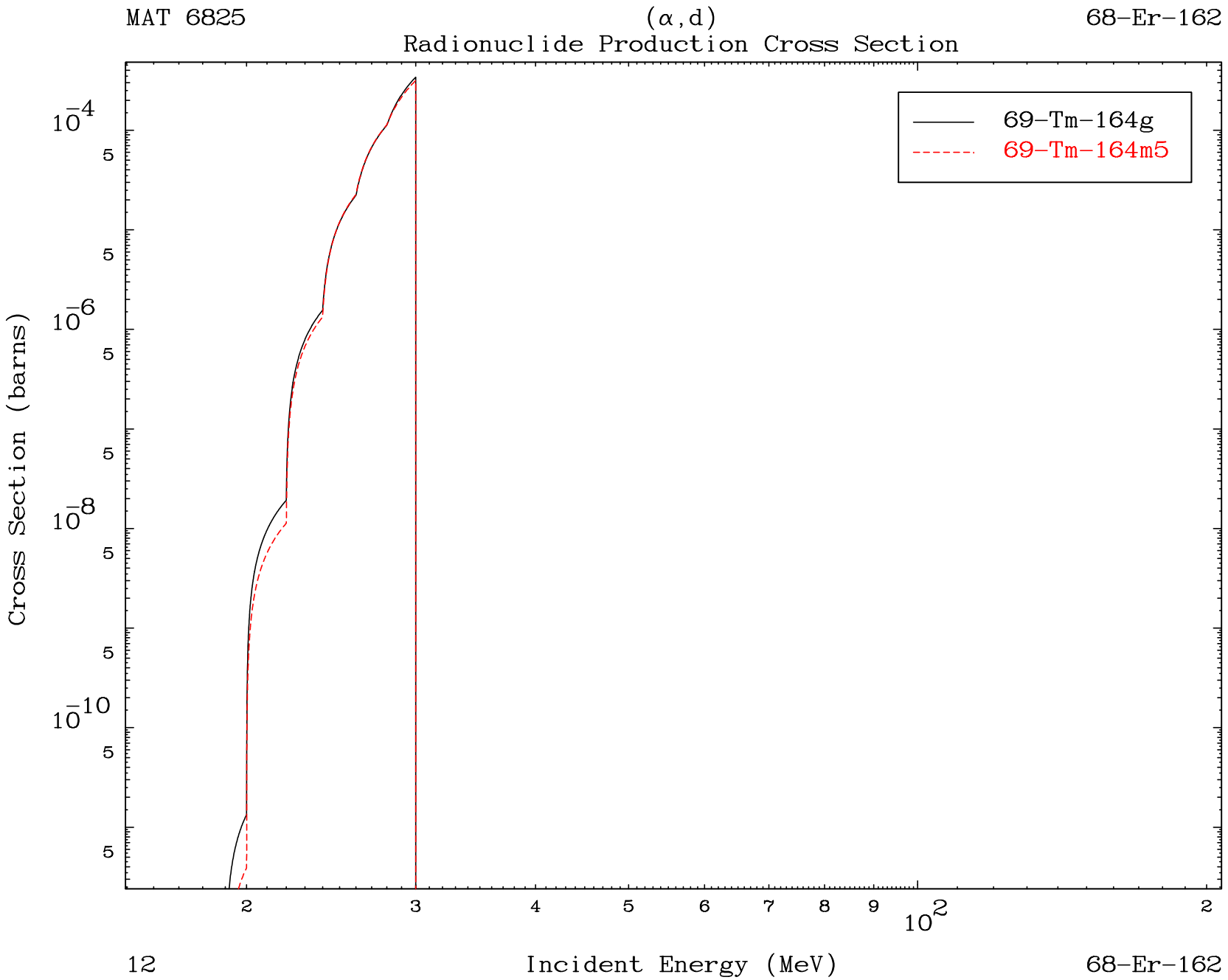

MAT 6825
(α,d) Levels
68-Er-162
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
7
68-Er-162

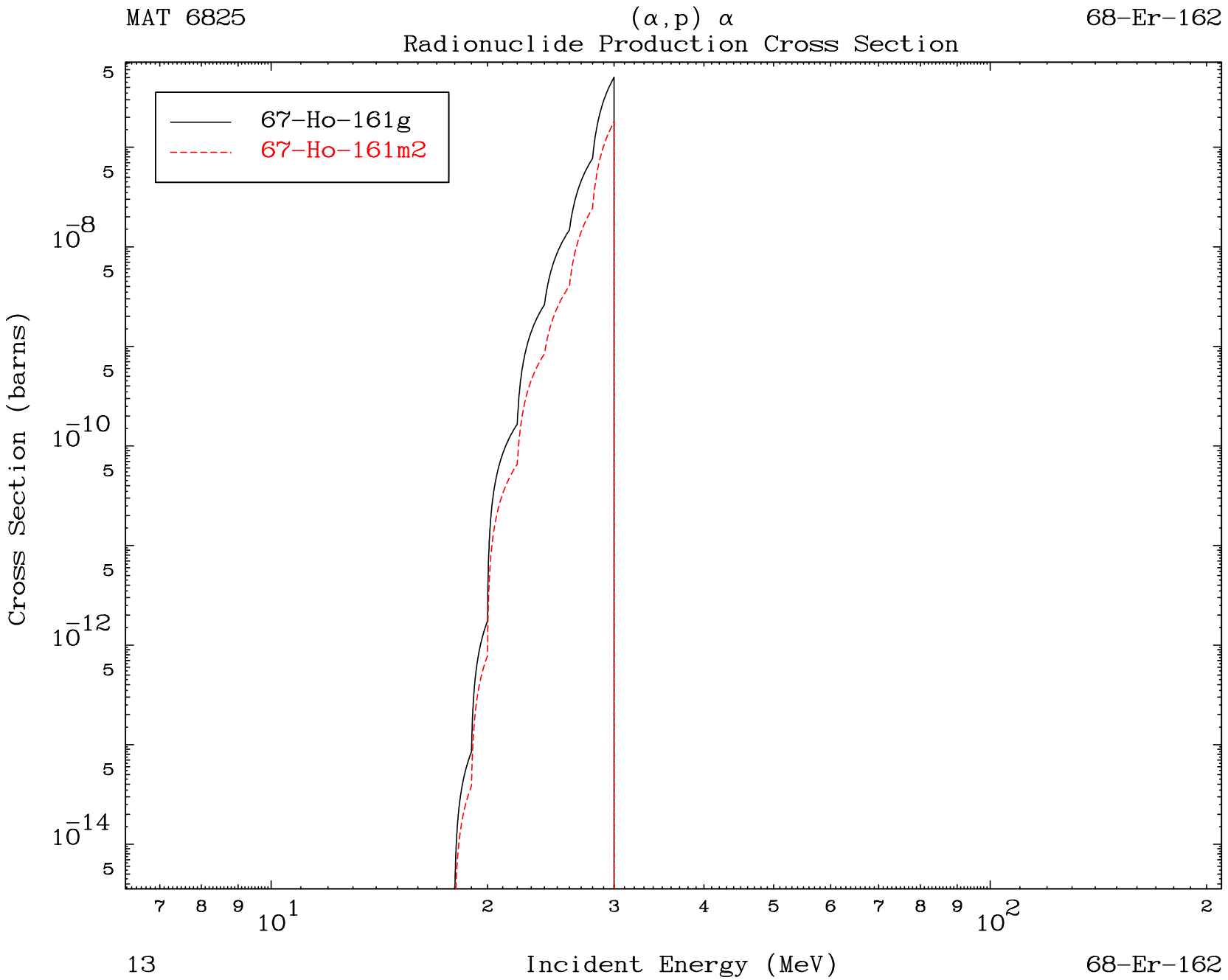

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 6825
(α,He3) Levels
68-Er-162
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-6
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
68-Er-162


MAT 6825
(α,α) Levels
68-Er-162
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
68-Er-162


MAT 6825
(α,n') p
68-Er-162
Radionuclide Production Cross Section
69-Tm-164g
69-Tm-164m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
68-Er-162


MAT 6825
(α,d)
68-Er-162
Radionuclide Production Cross Section
69-Tm-164g
69-Tm-164m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
68-Er-162


MAT 6825
(α,p) α
68-Er-162
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
Incident Energy (MeV)
13
68-Er-162