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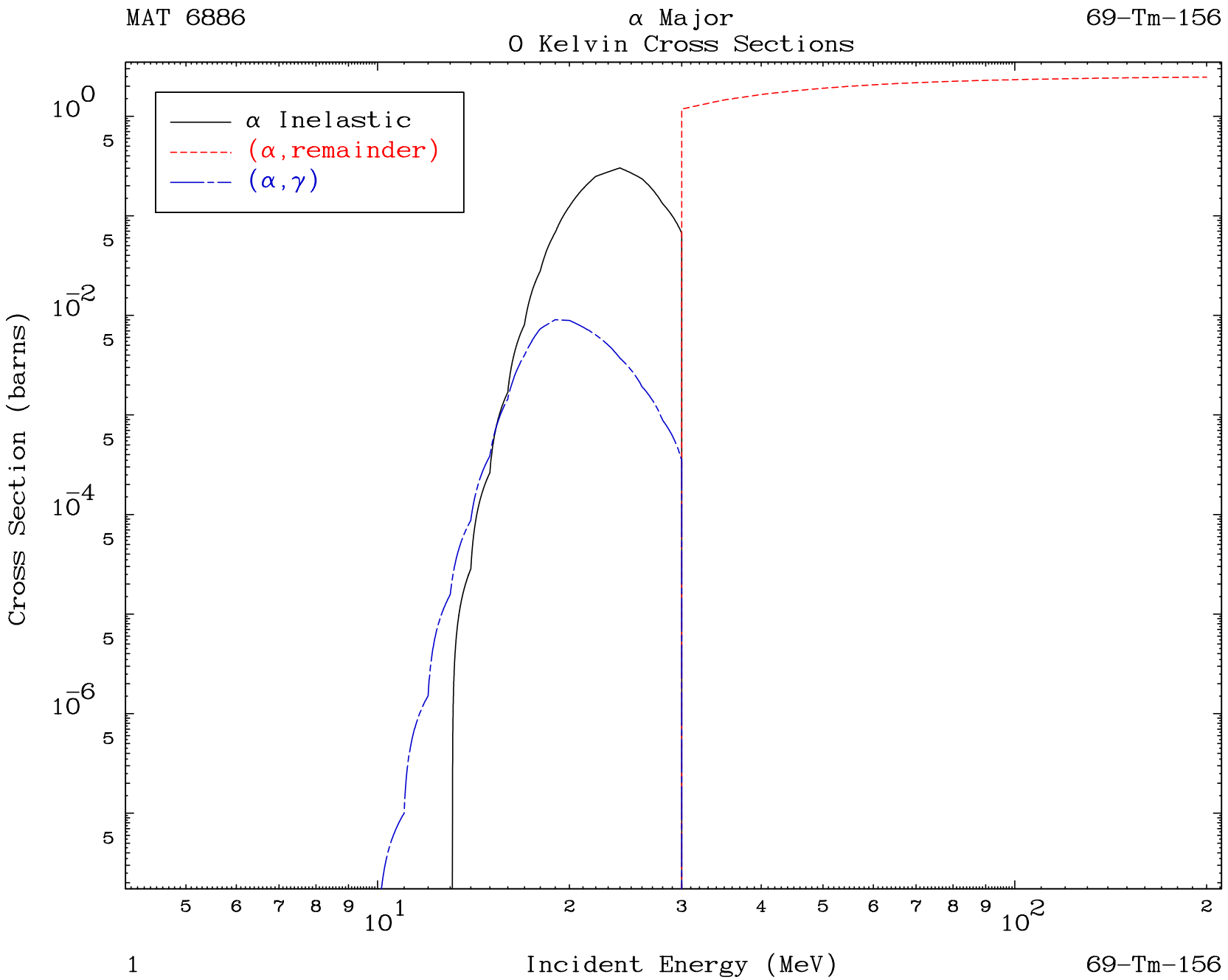
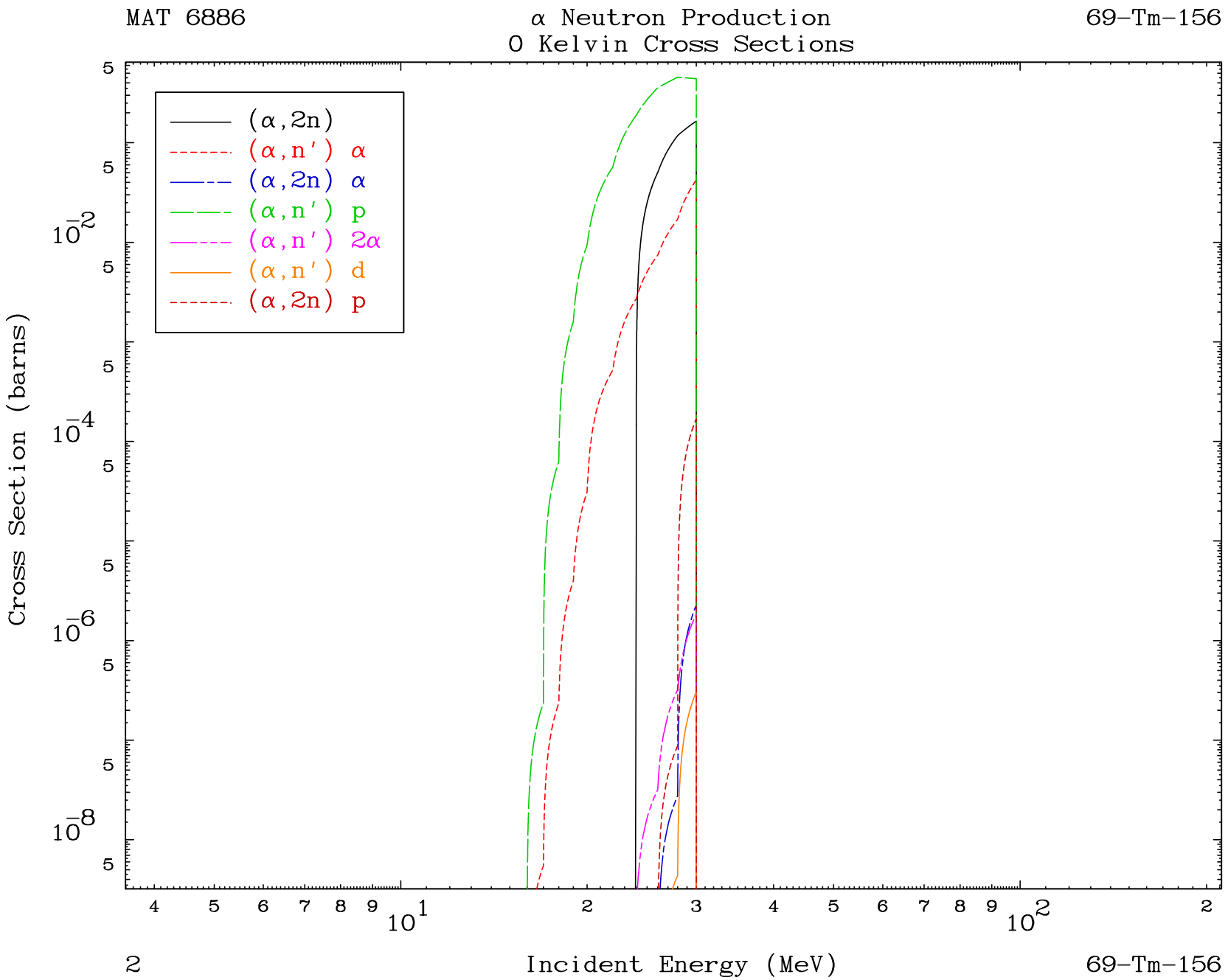
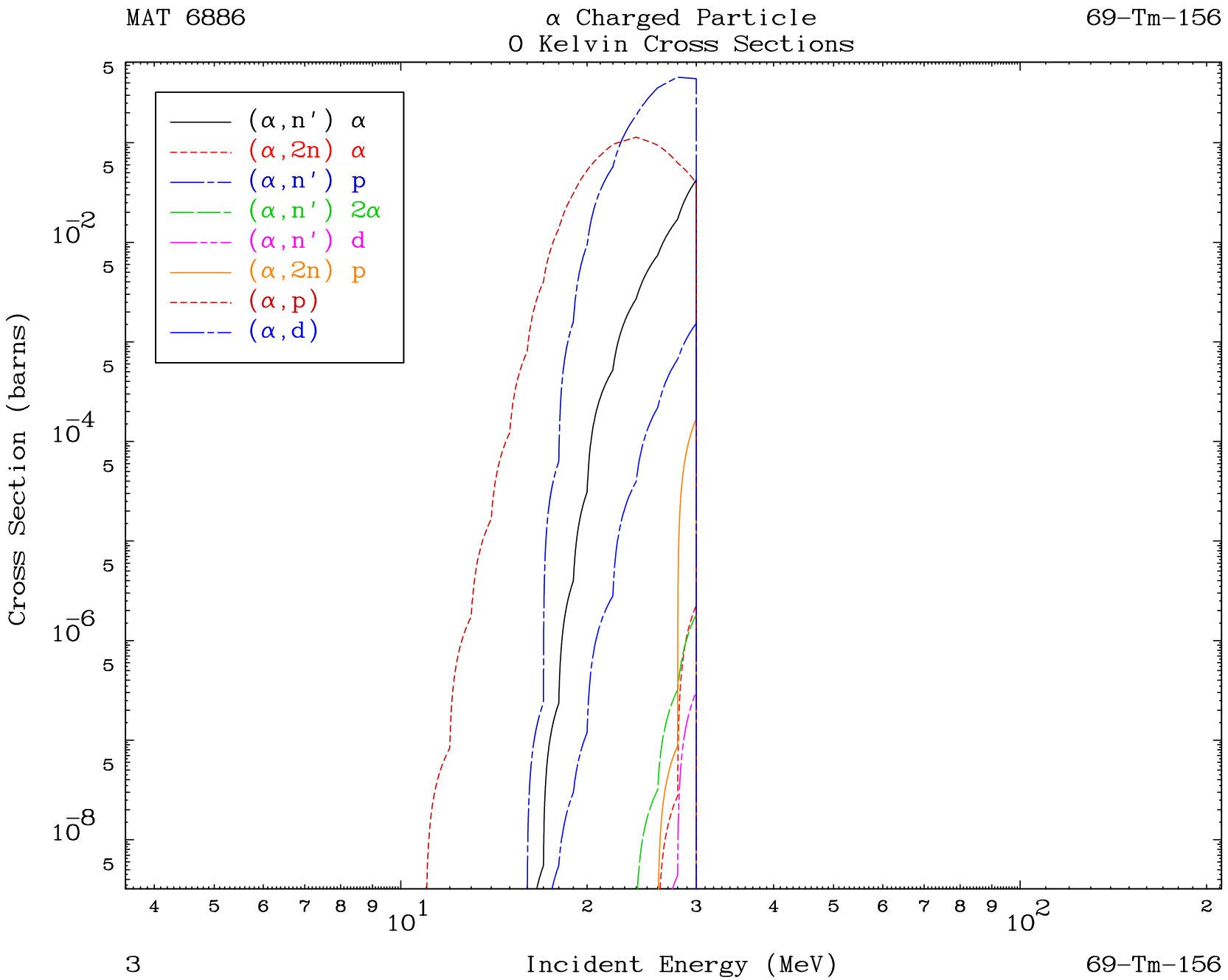
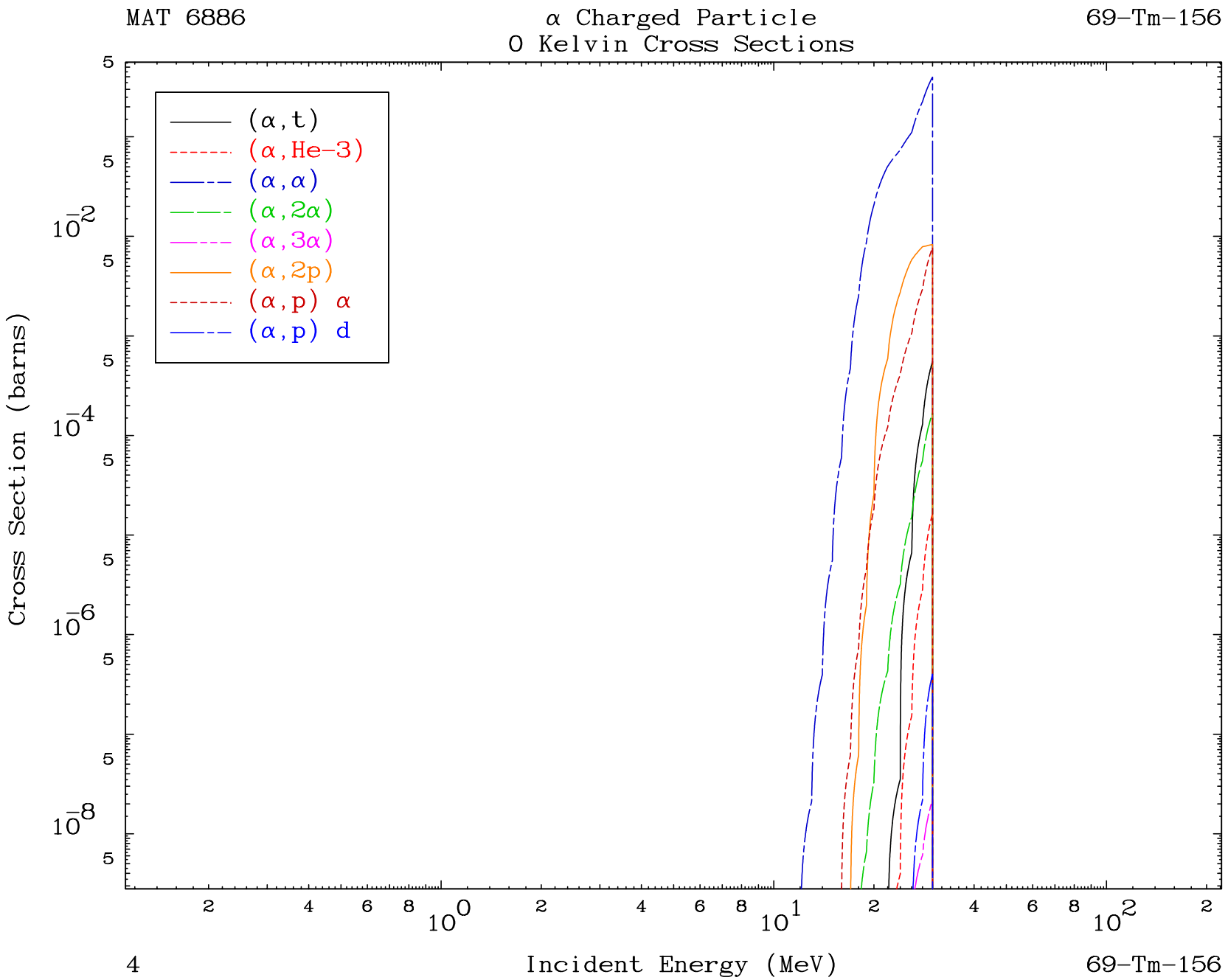
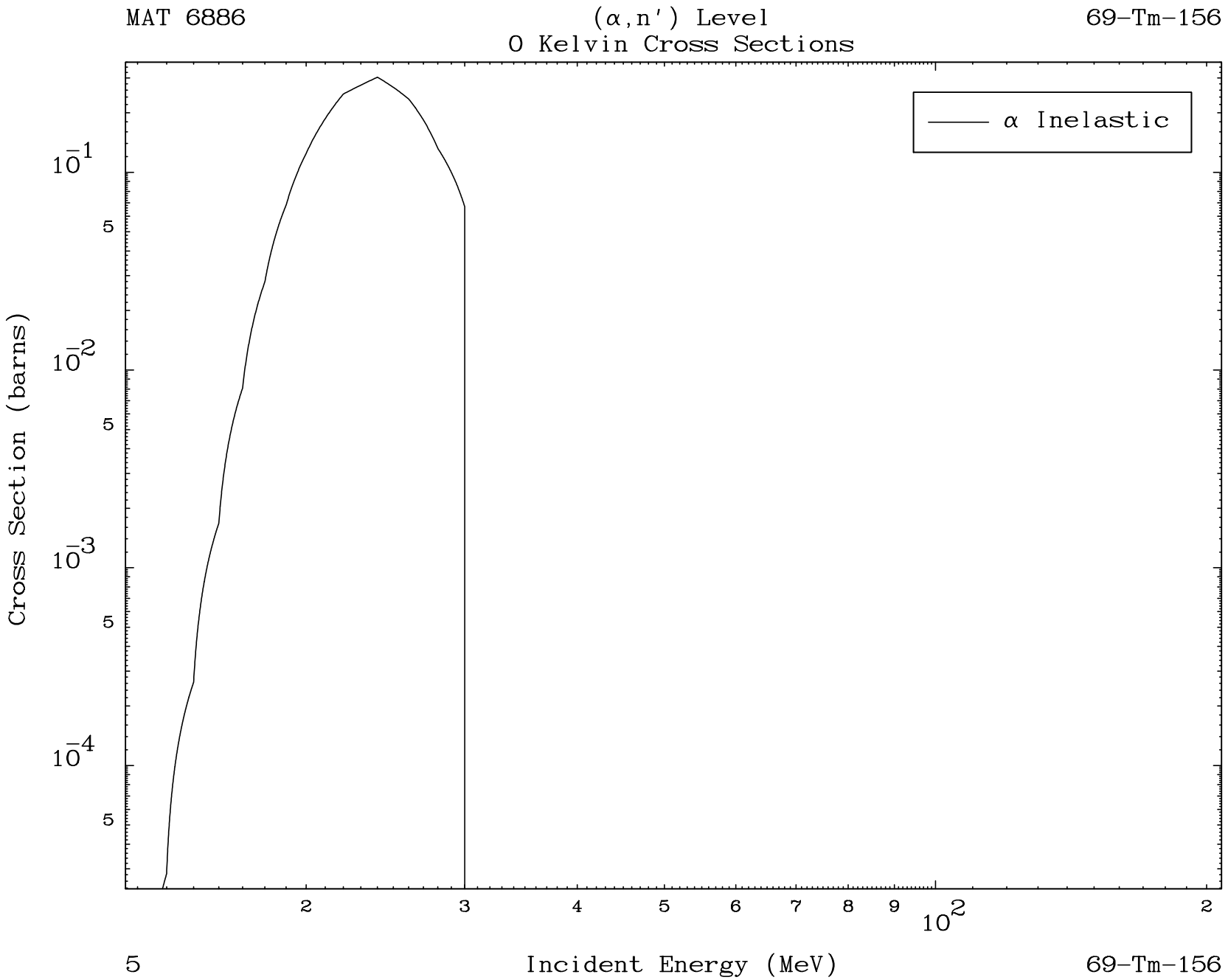
Press Mouse Button to Start

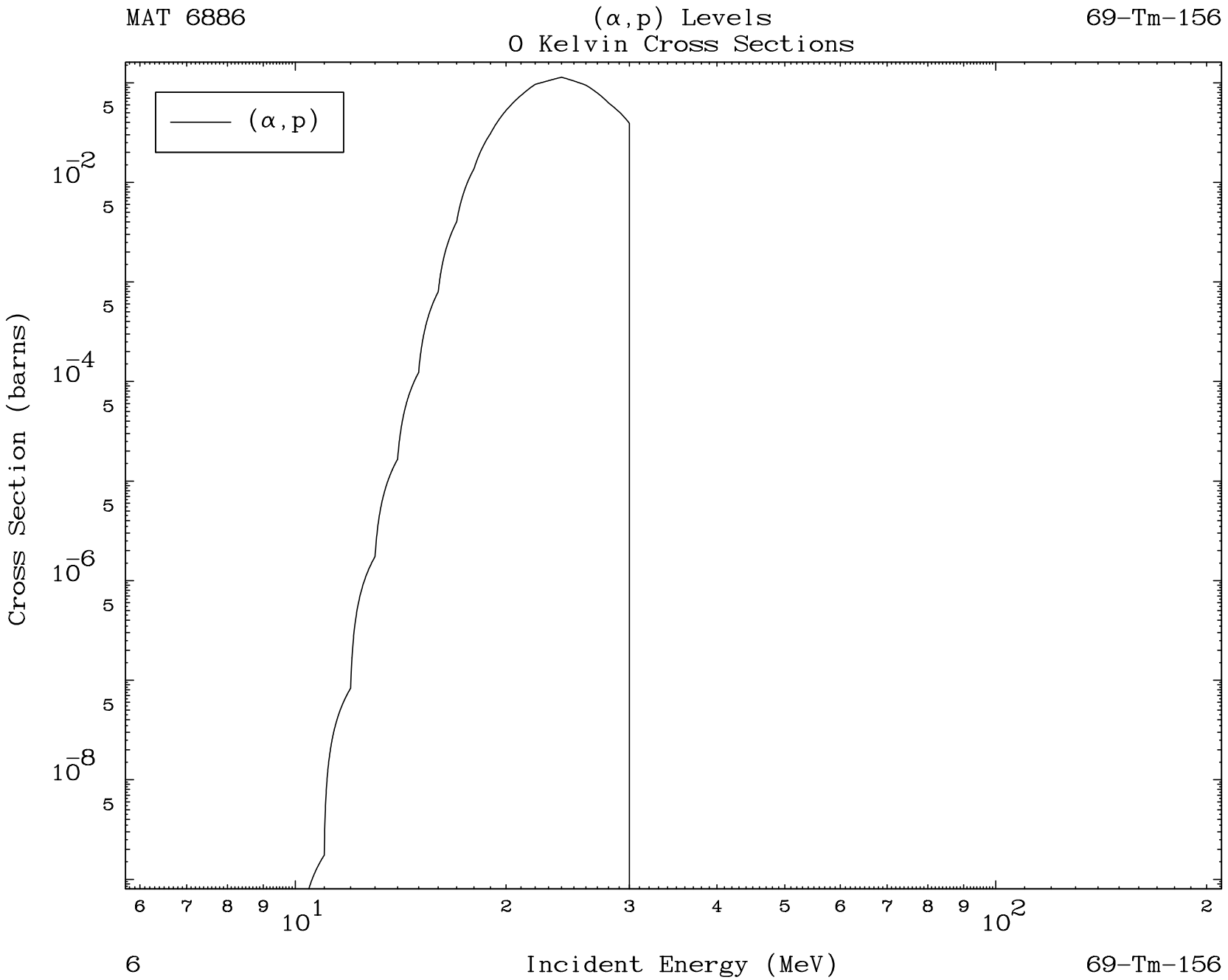

MAT 6886
α Major
69-Tm-156
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-156
1

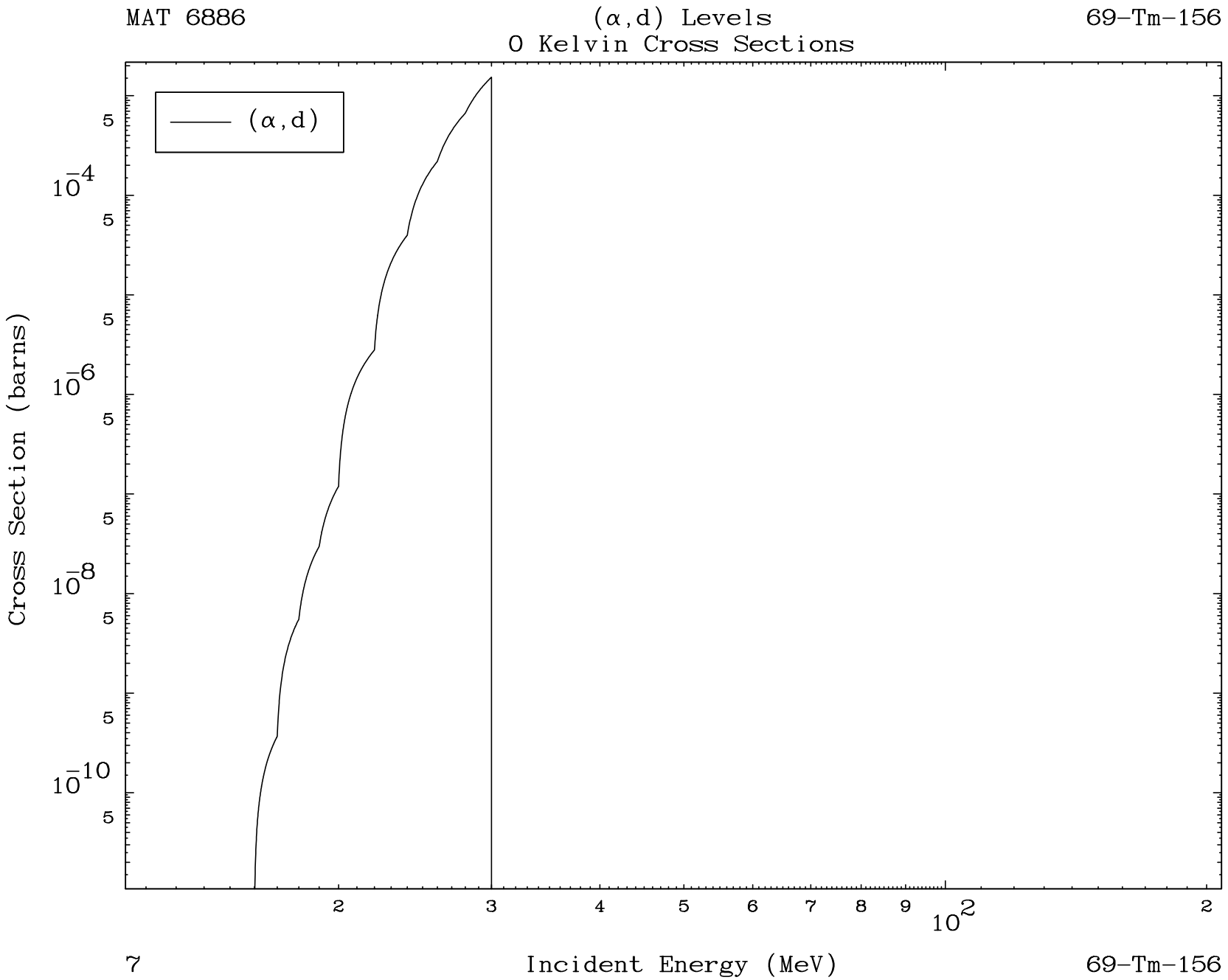

MAT 6886
α Neutron Production
0 Kelvin Cross Sections
69-Tm-156
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
69-Tm-156
2

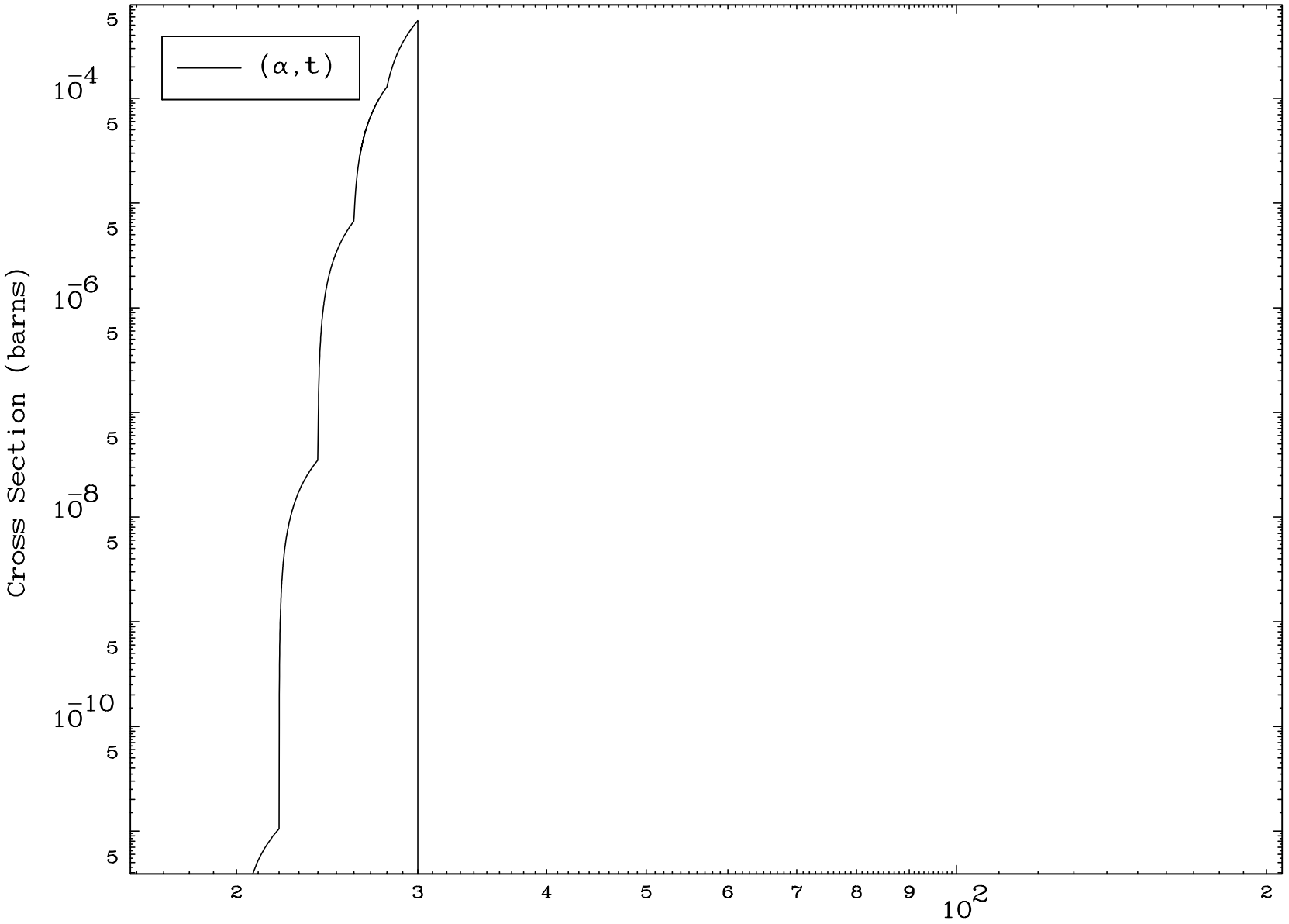

MAT 6886
α Charged Particle
0 Kelvin Cross Sections
69-Tm-156
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
69-Tm-156

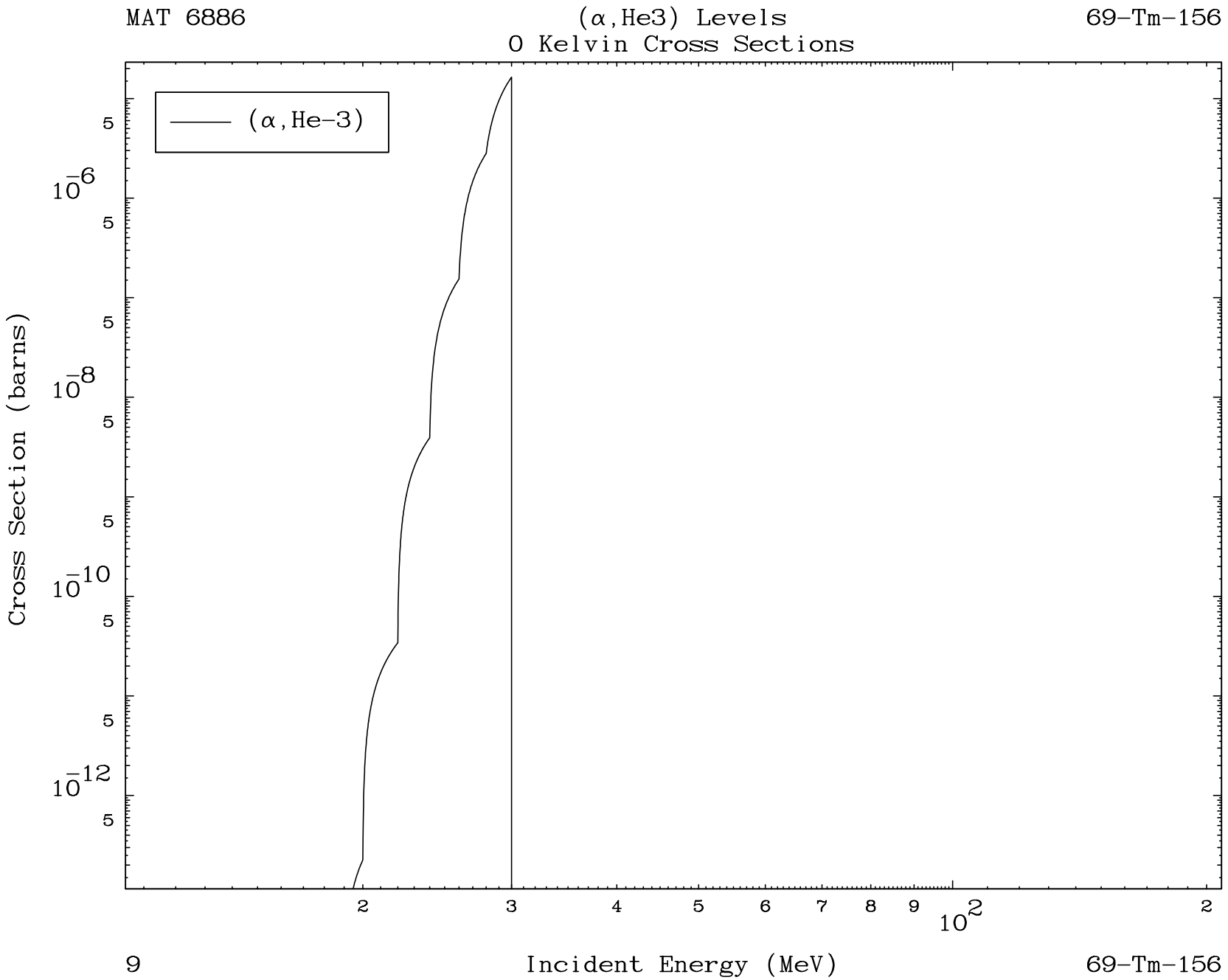

MAT 6886
α Charged Particle
0 Kelvin Cross Sections
69-Tm-156
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
69-Tm-156

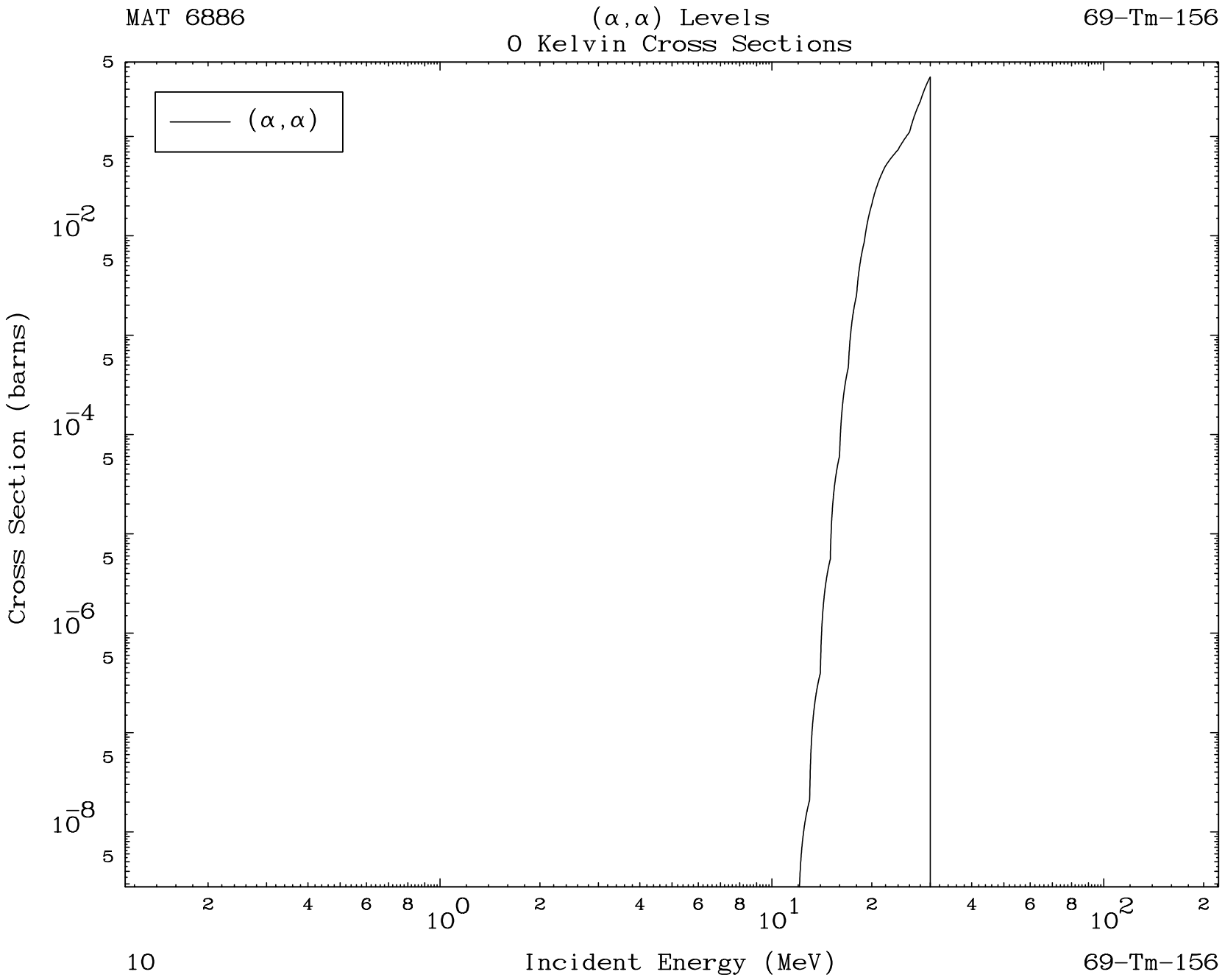

MAT 6886
(α,n') Level
69-Tm-156
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
69-Tm-156

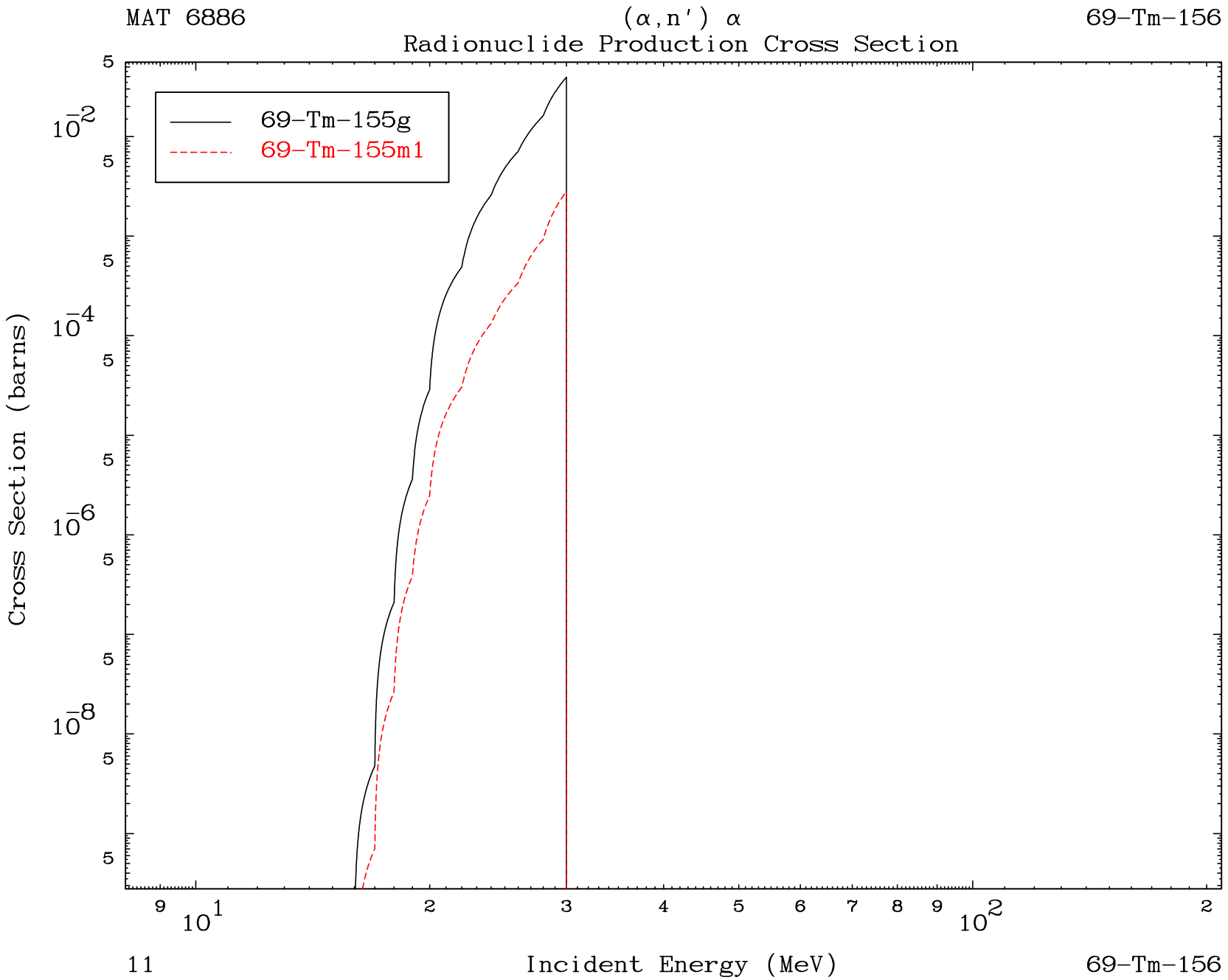

MAT 6886
(α,p) Levels
69-Tm-156
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
69-Tm-156

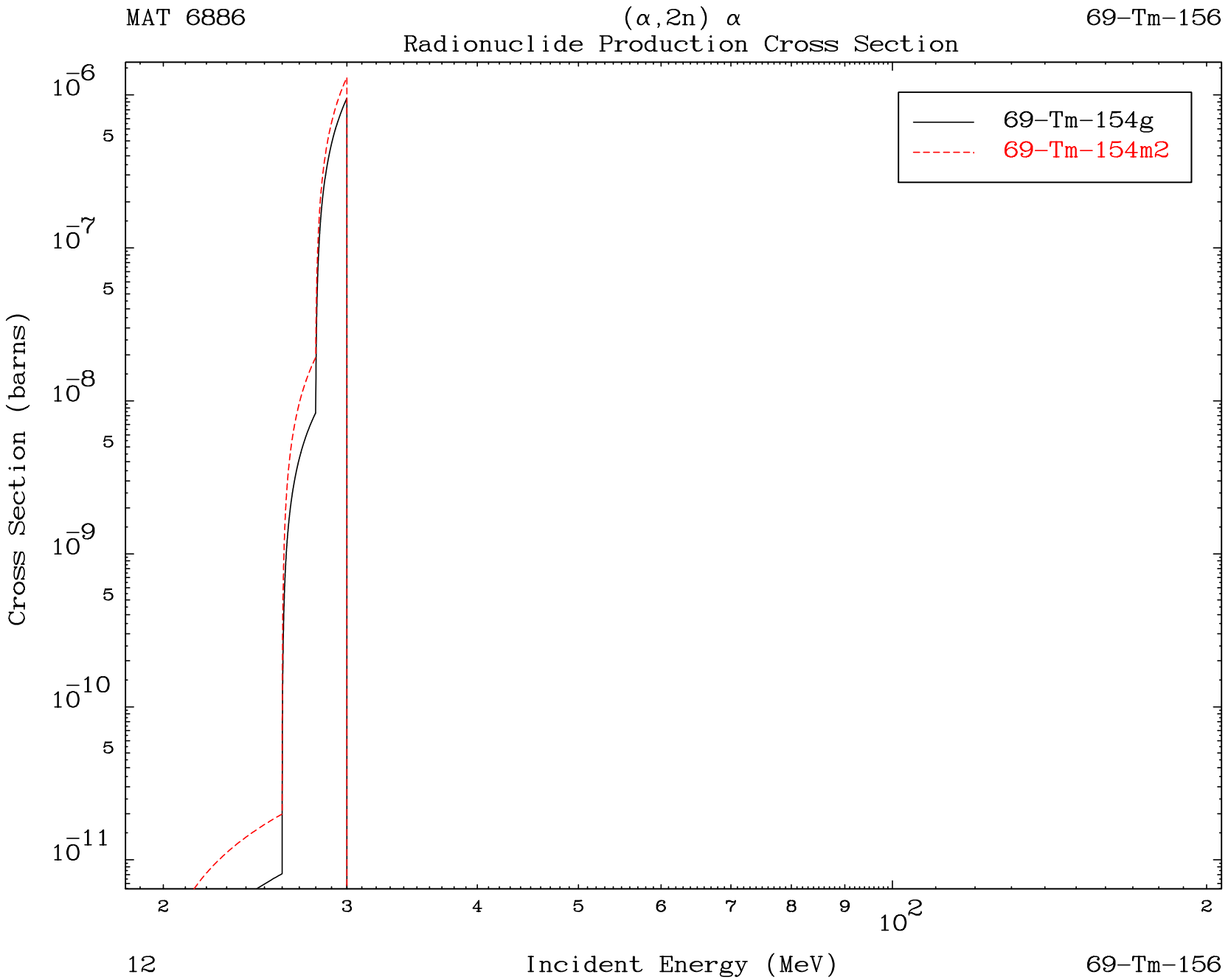

MAT 6886
(α,d) Levels
69-Tm-156
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
69-Tm-156

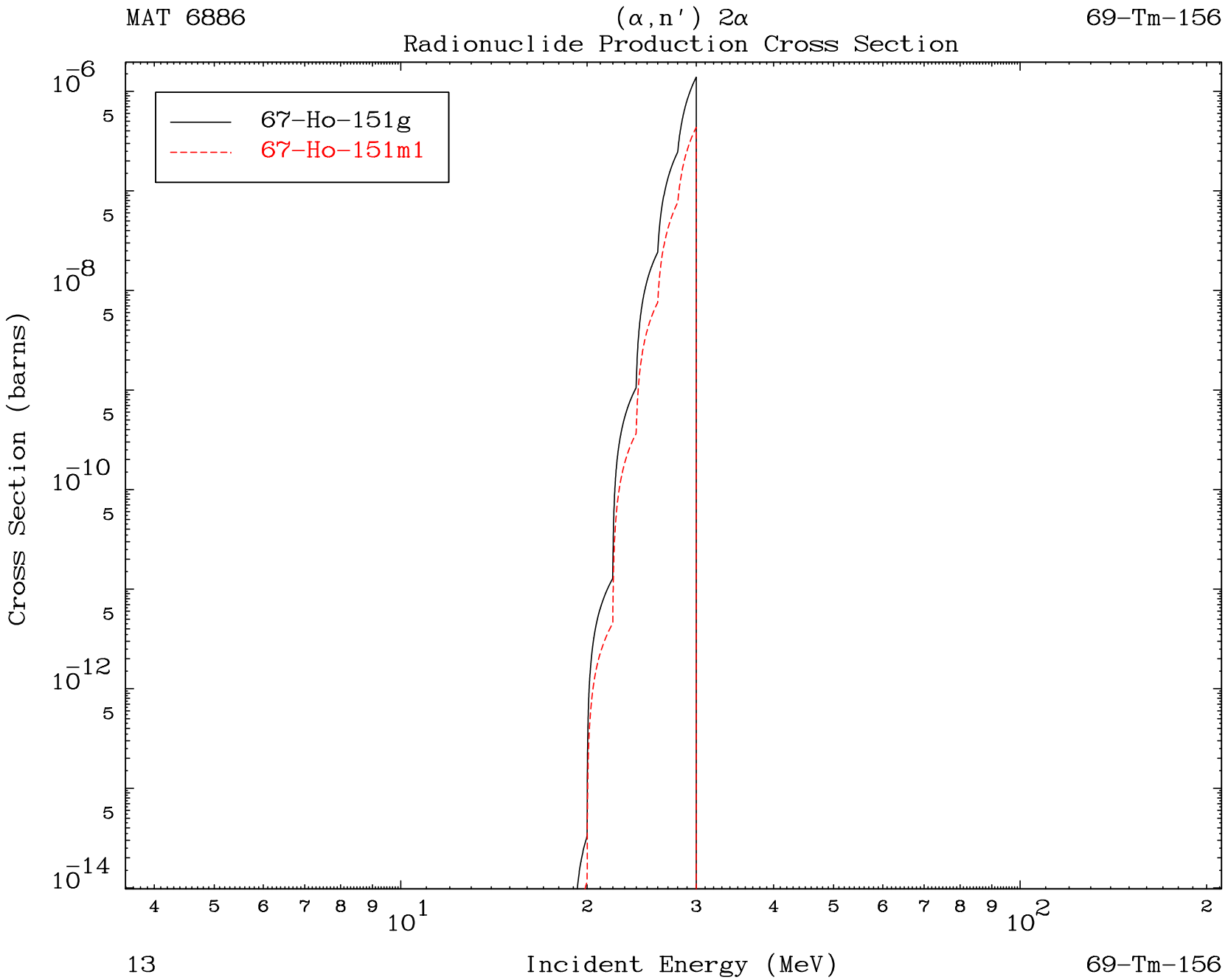

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

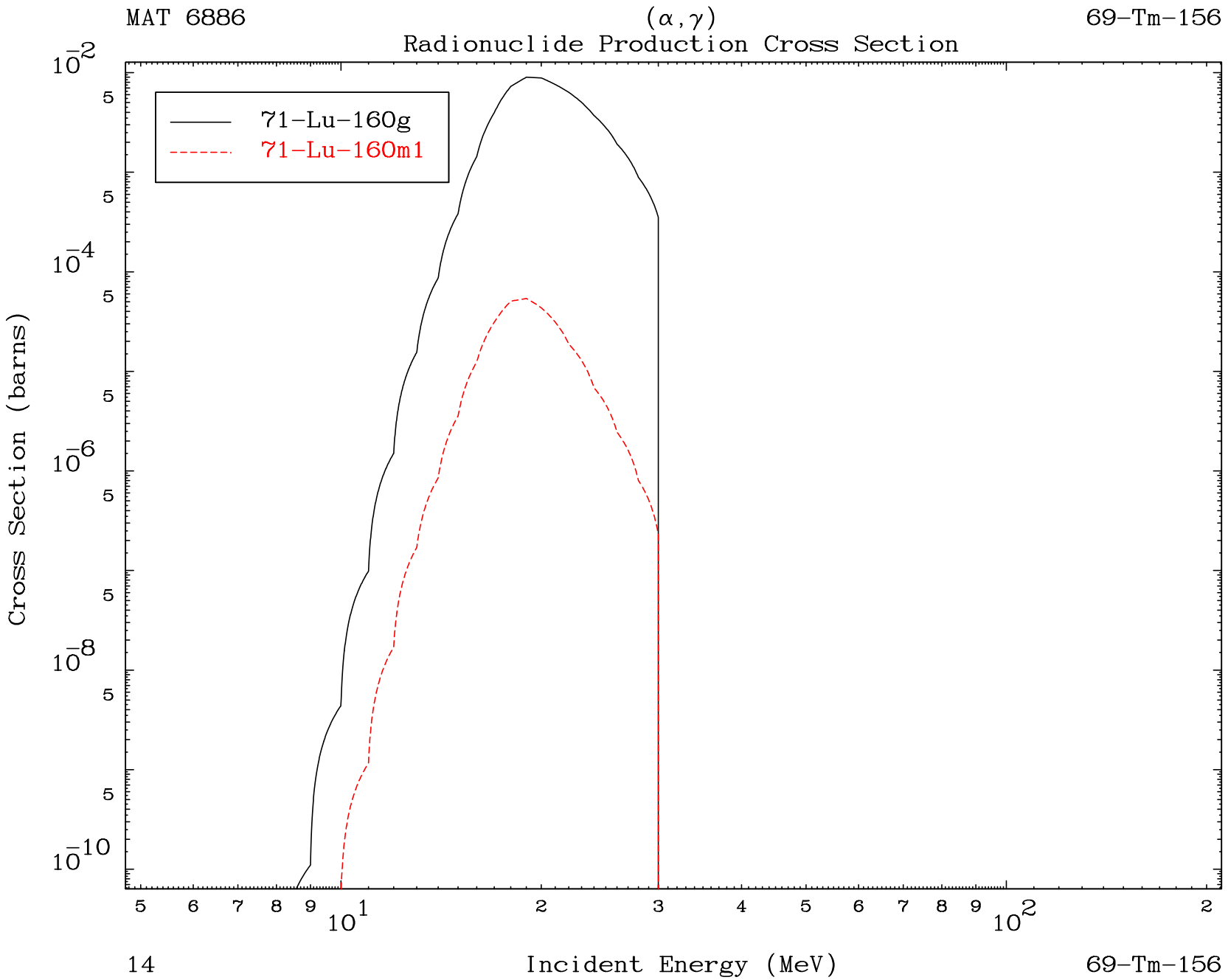

MAT 6886
(α,He3) Levels
69-Tm-156
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
69-Tm-156

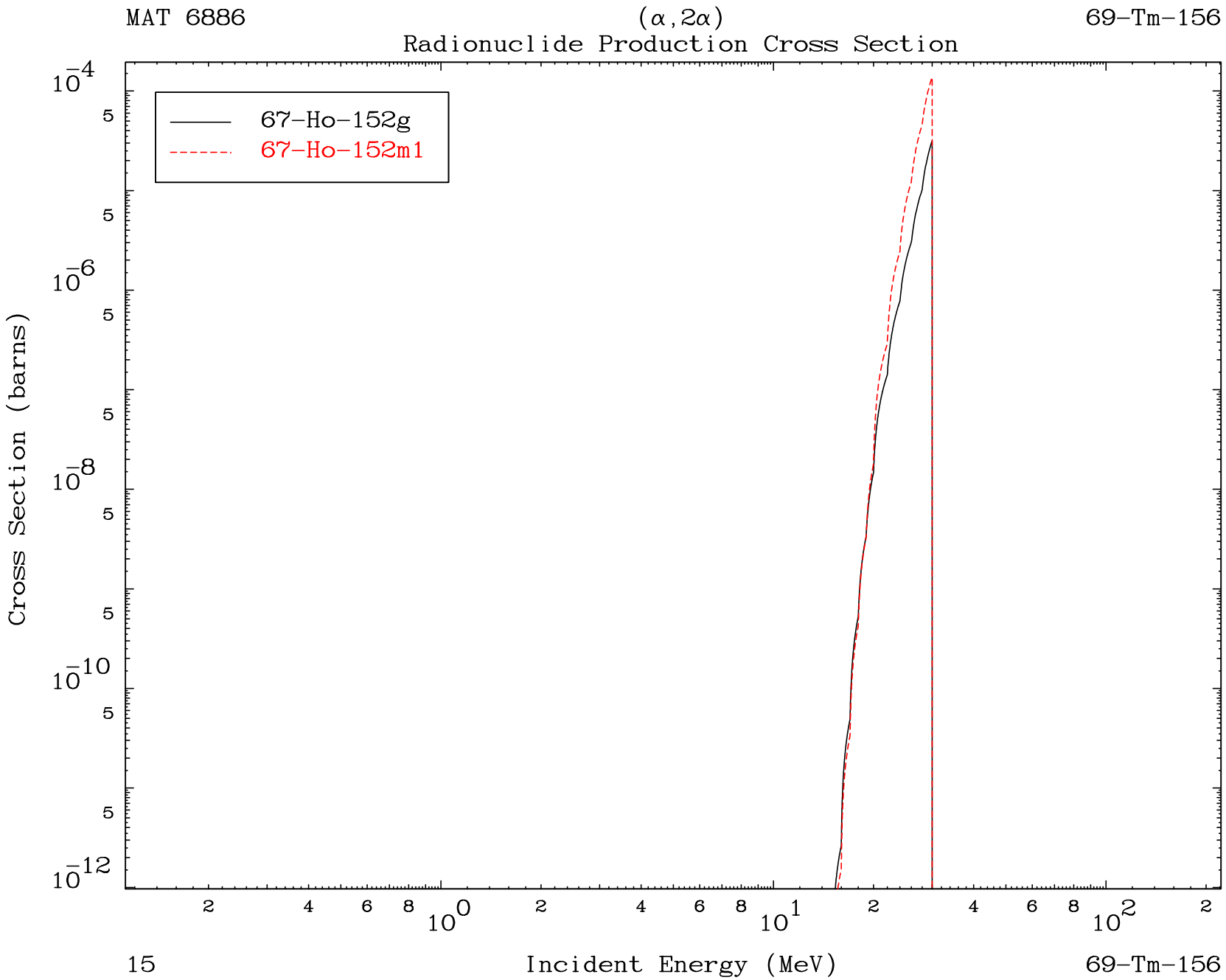

MAT 6886
(α,α) Levels
69-Tm-156
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
69-Tm-156

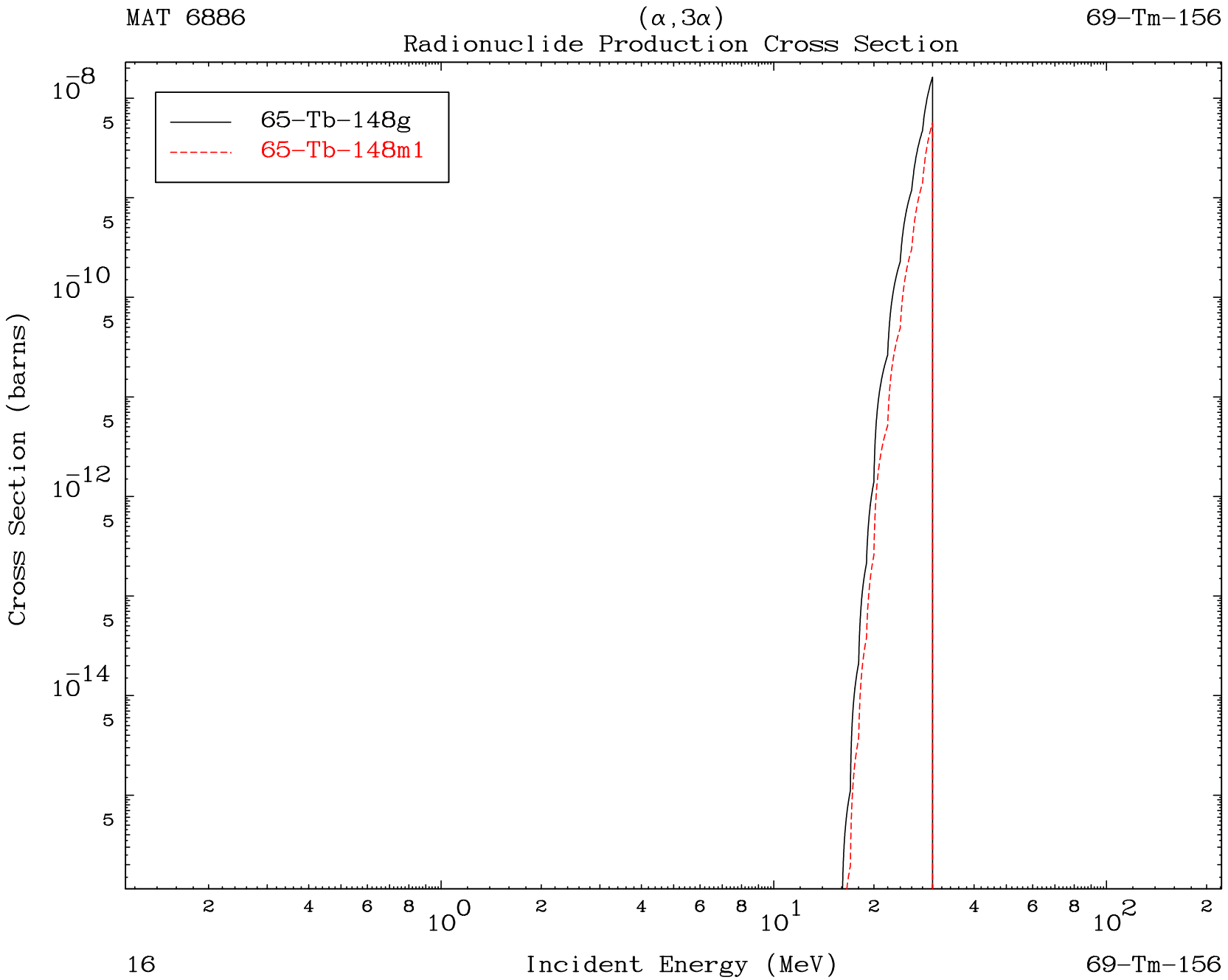

MAT 6886
(α,n') α
69-Tm-156
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
69-Tm-156

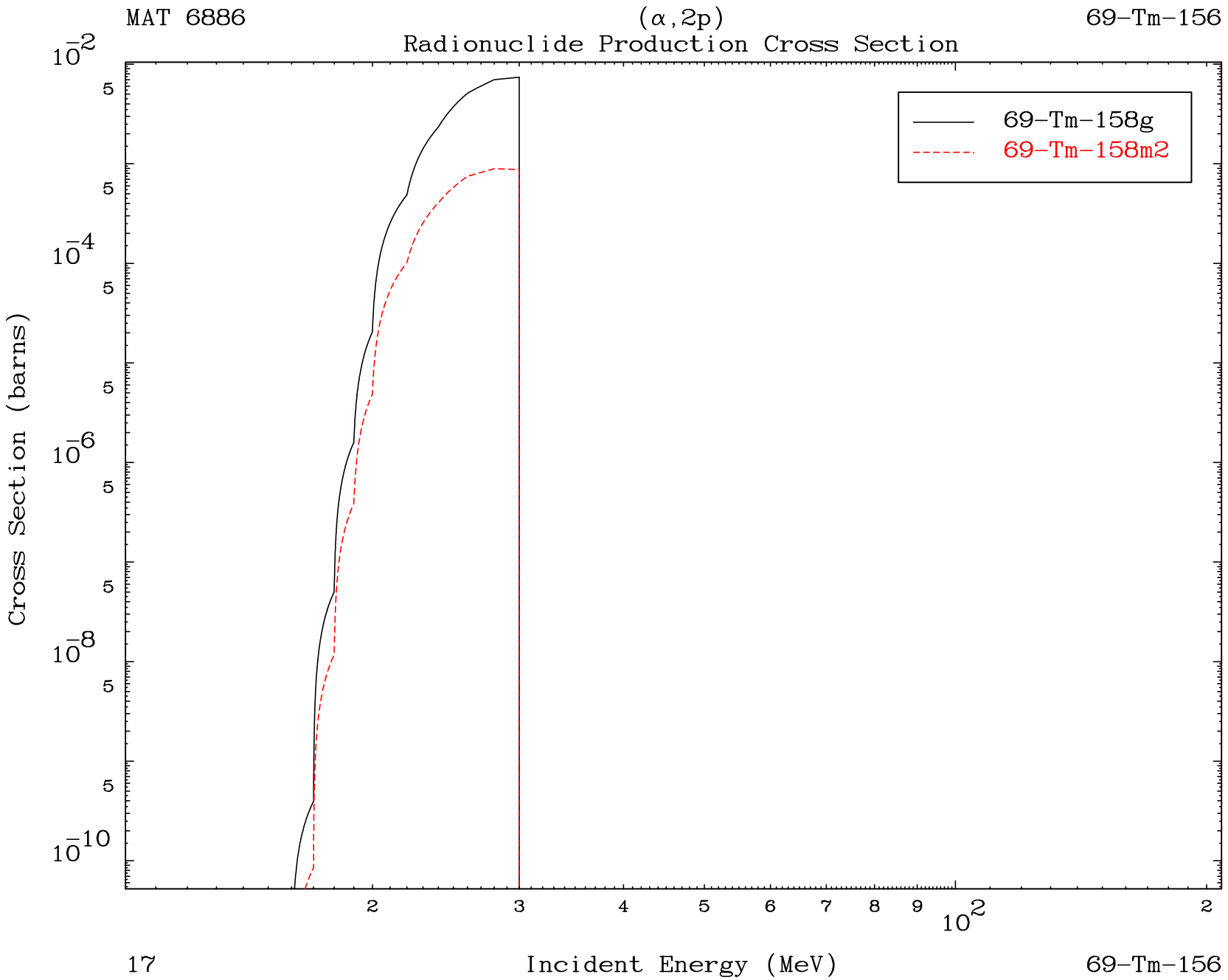

MAT 6886
(α,2n) α
69-Tm-156
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
10-6
5
10-7
5
10-8
5
10-9
5
10-10
5
10-11
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
69-Tm-156


MAT 6886
(α,n') 2α
69-Tm-156
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
69-Tm-156


MAT 6886
(α,γ)
69-Tm-156
Radionuclide Production Cross Section
71-Lu-160g
71-Lu-160m1
Cross Section (barns)
Incident Energy (MeV)
14
69-Tm-156


MAT 6886
(α,2α)
69-Tm-156
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
Incident Energy (MeV)
15
69-Tm-156


MAT 6886
(α,3α)
69-Tm-156
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
16
69-Tm-156


MAT 6886
(α,2p)
69-Tm-156
Radionuclide Production Cross Section
69-Tm-158g
69-Tm-158m2
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
69-Tm-156