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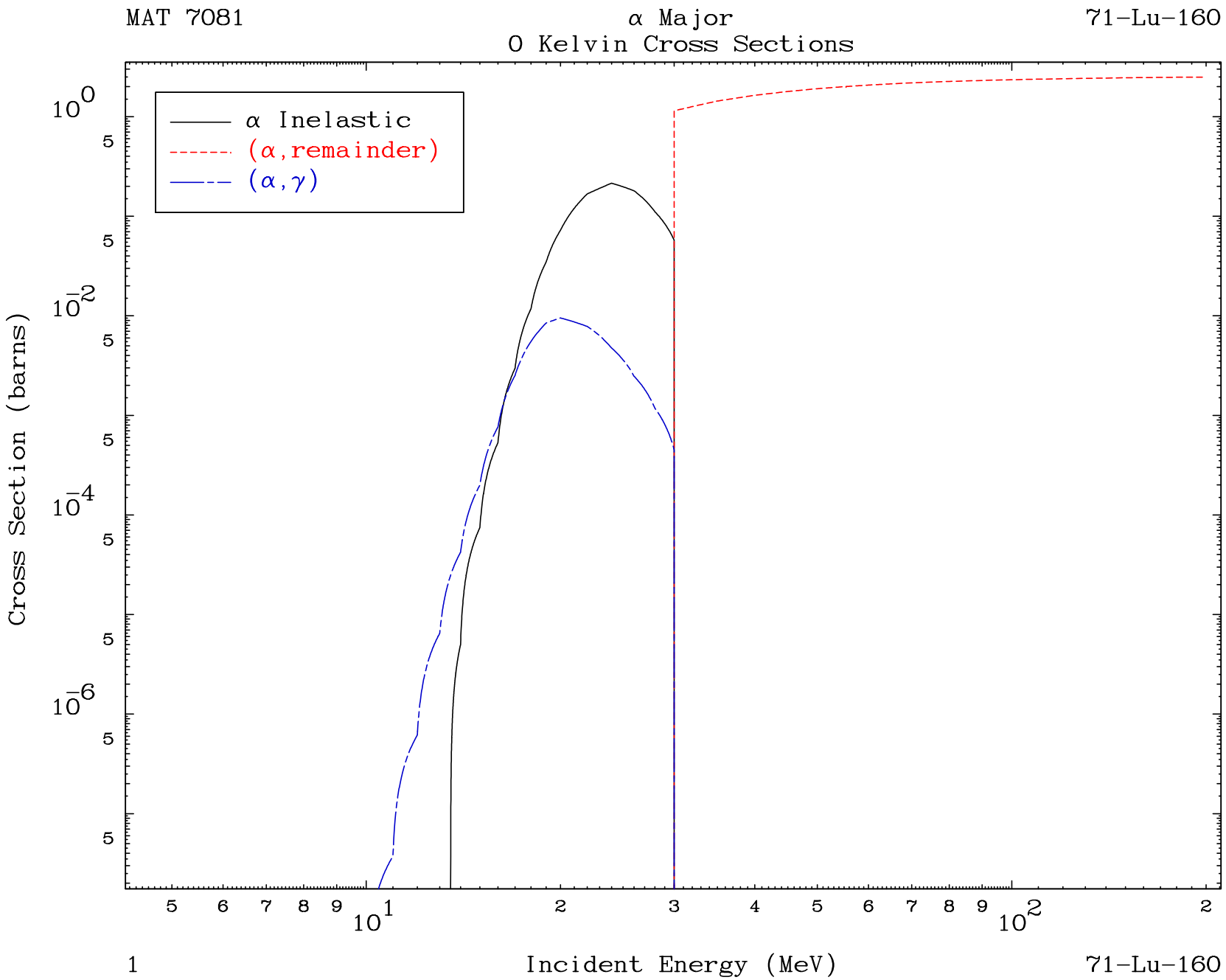
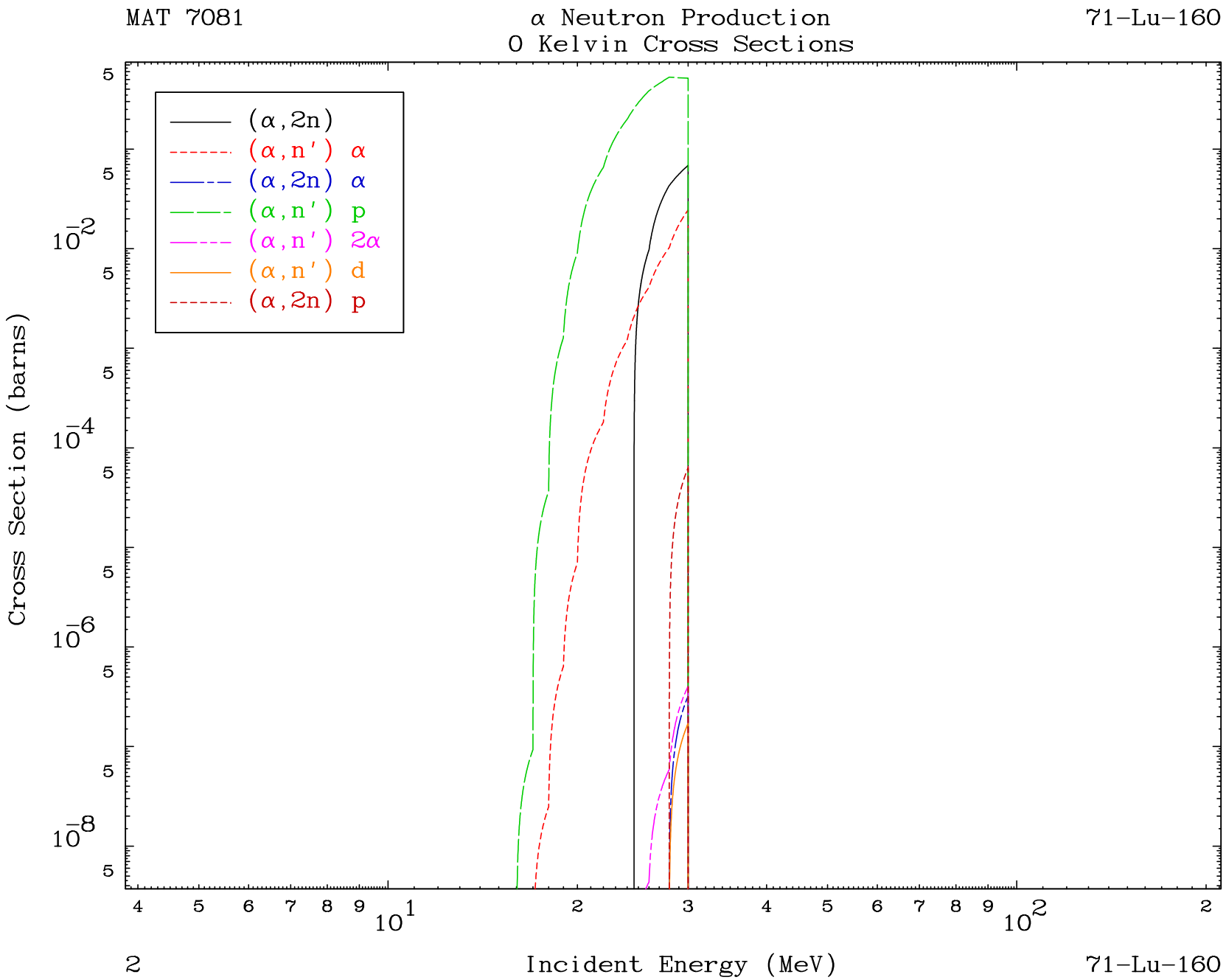
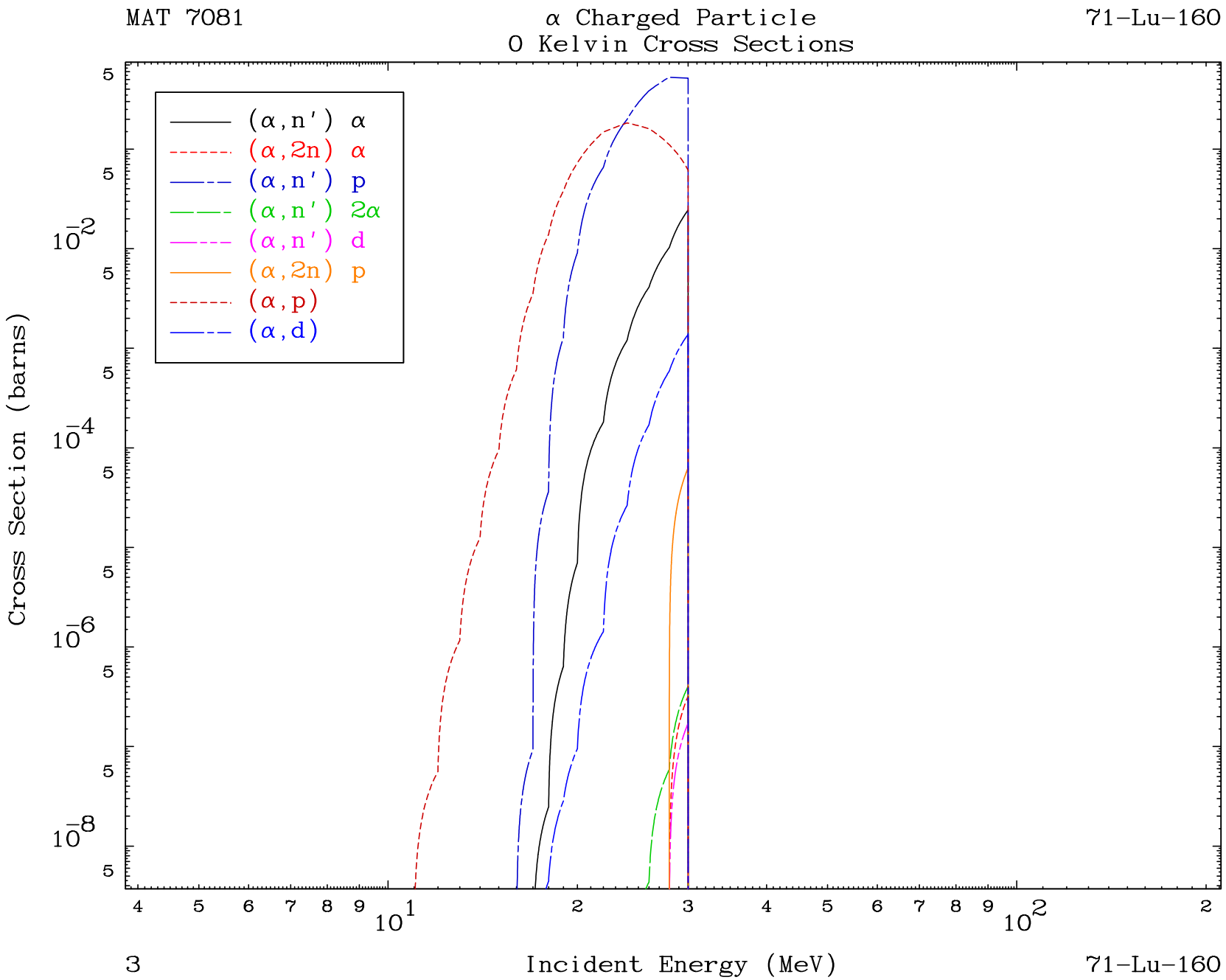
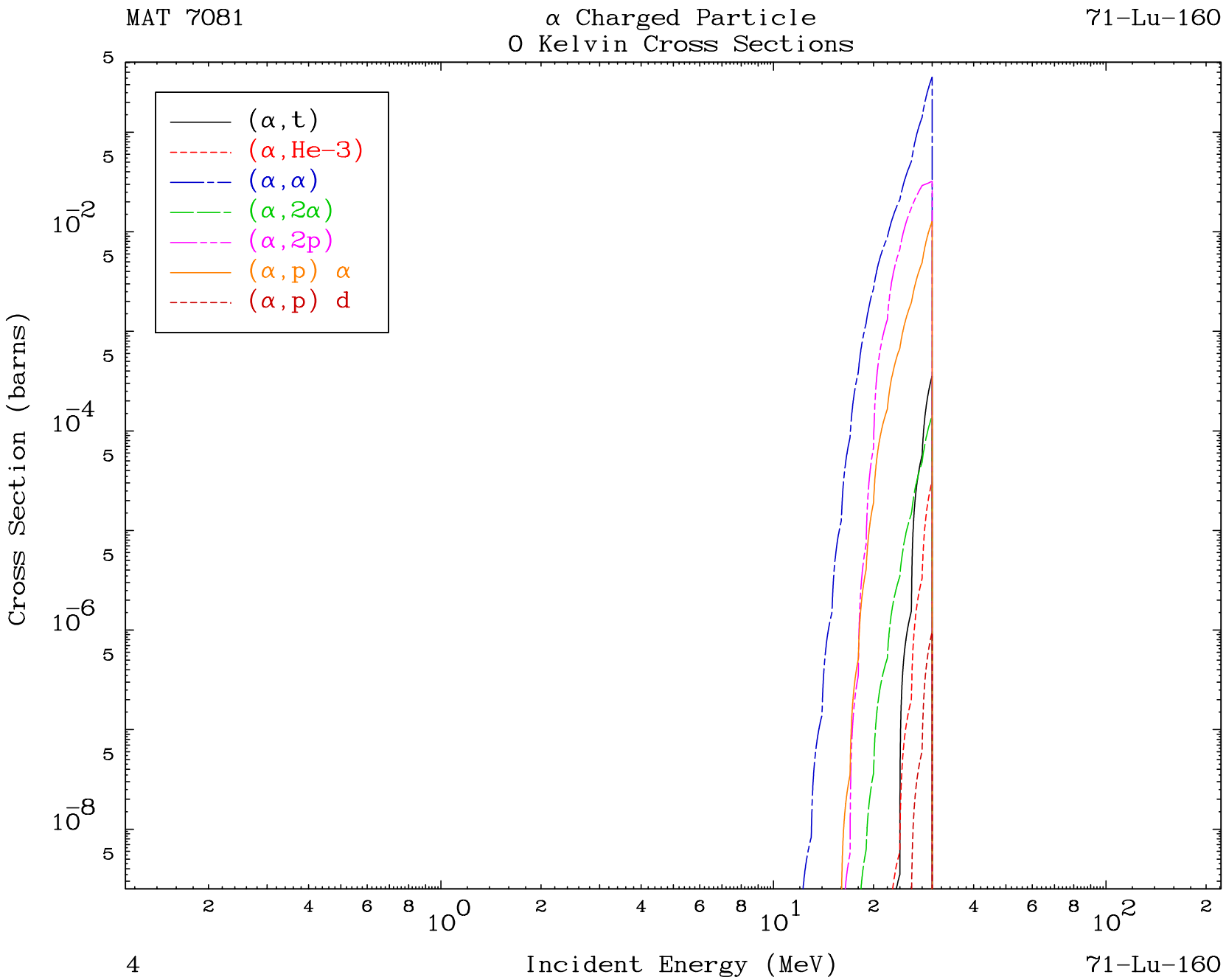
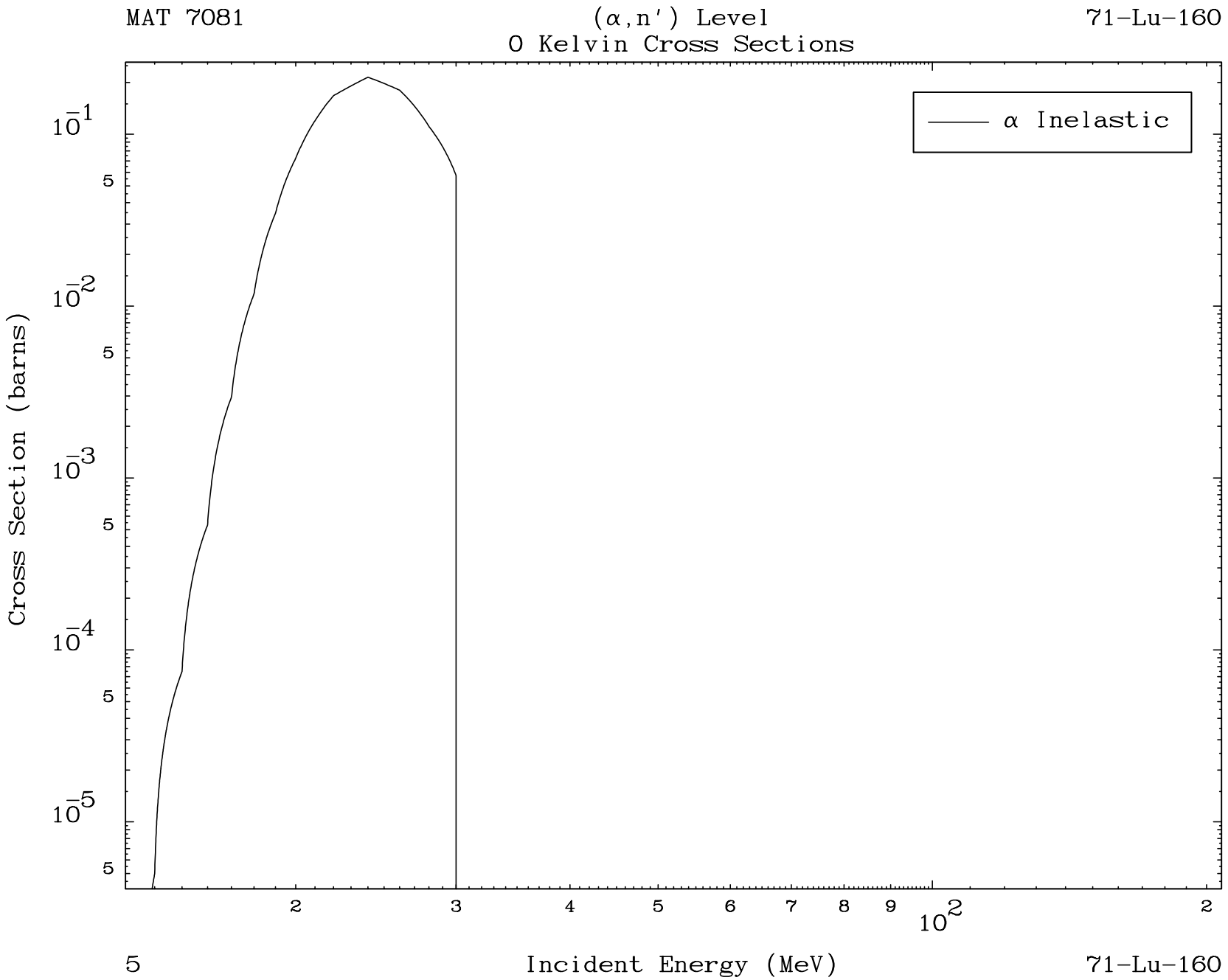
Press Mouse Button to Start

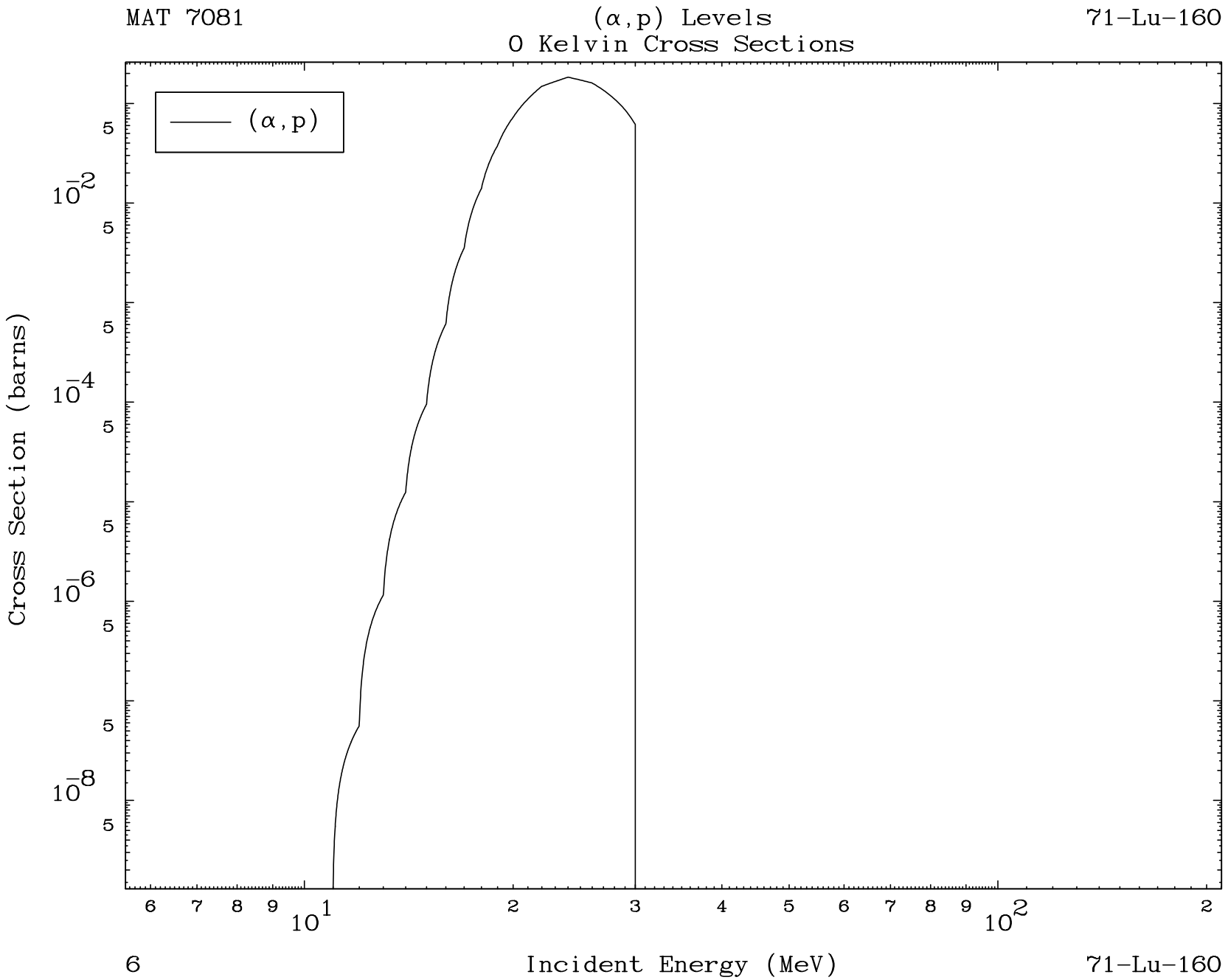

MAT 7081
α Major
71-Lu-160
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-160
1

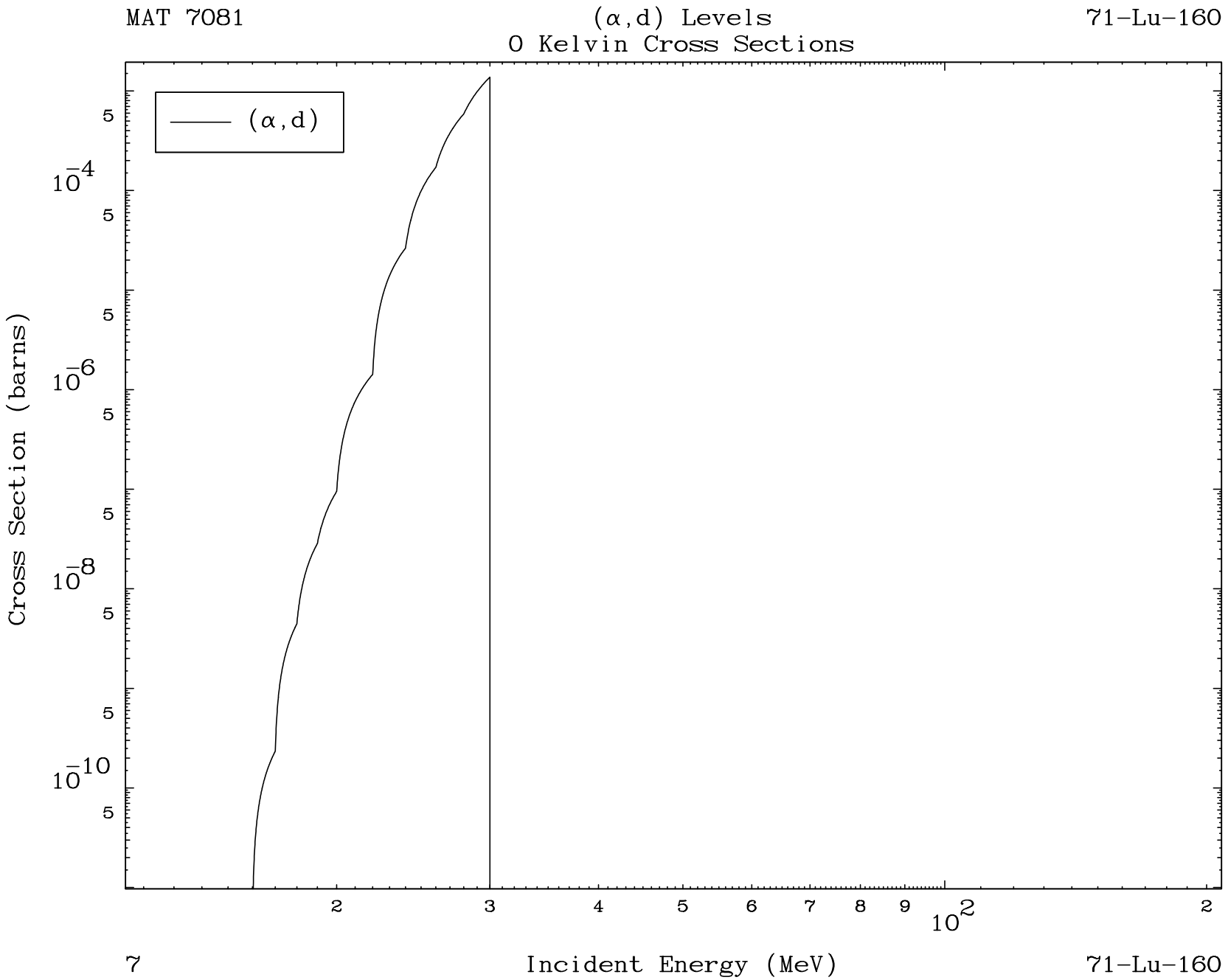

MAT 7081
α Neutron Production
0 Kelvin Cross Sections
71-Lu-160
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
71-Lu-160
2

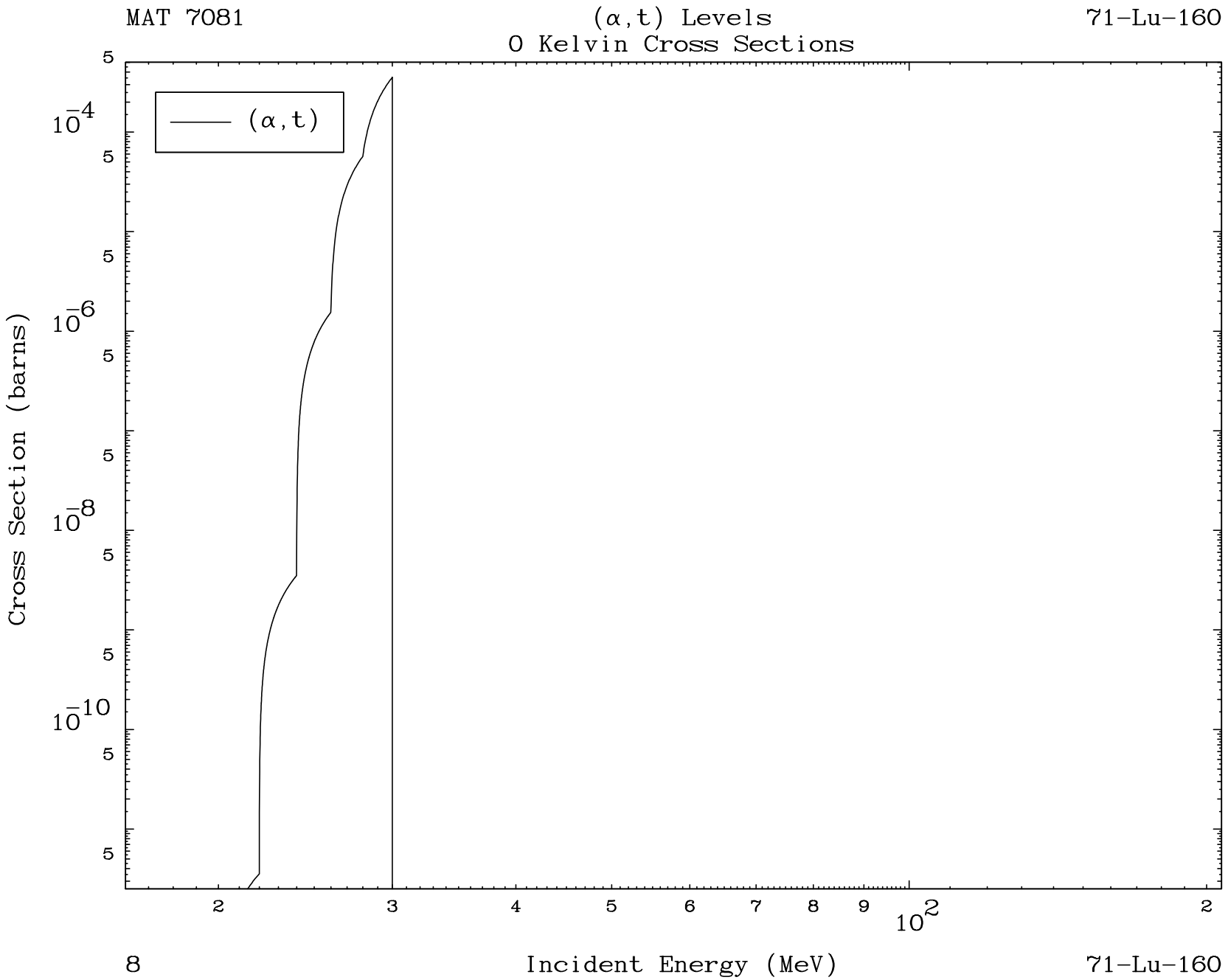

MAT 7081
α Charged Particle
0 Kelvin Cross Sections
71-Lu-160
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
71-Lu-160

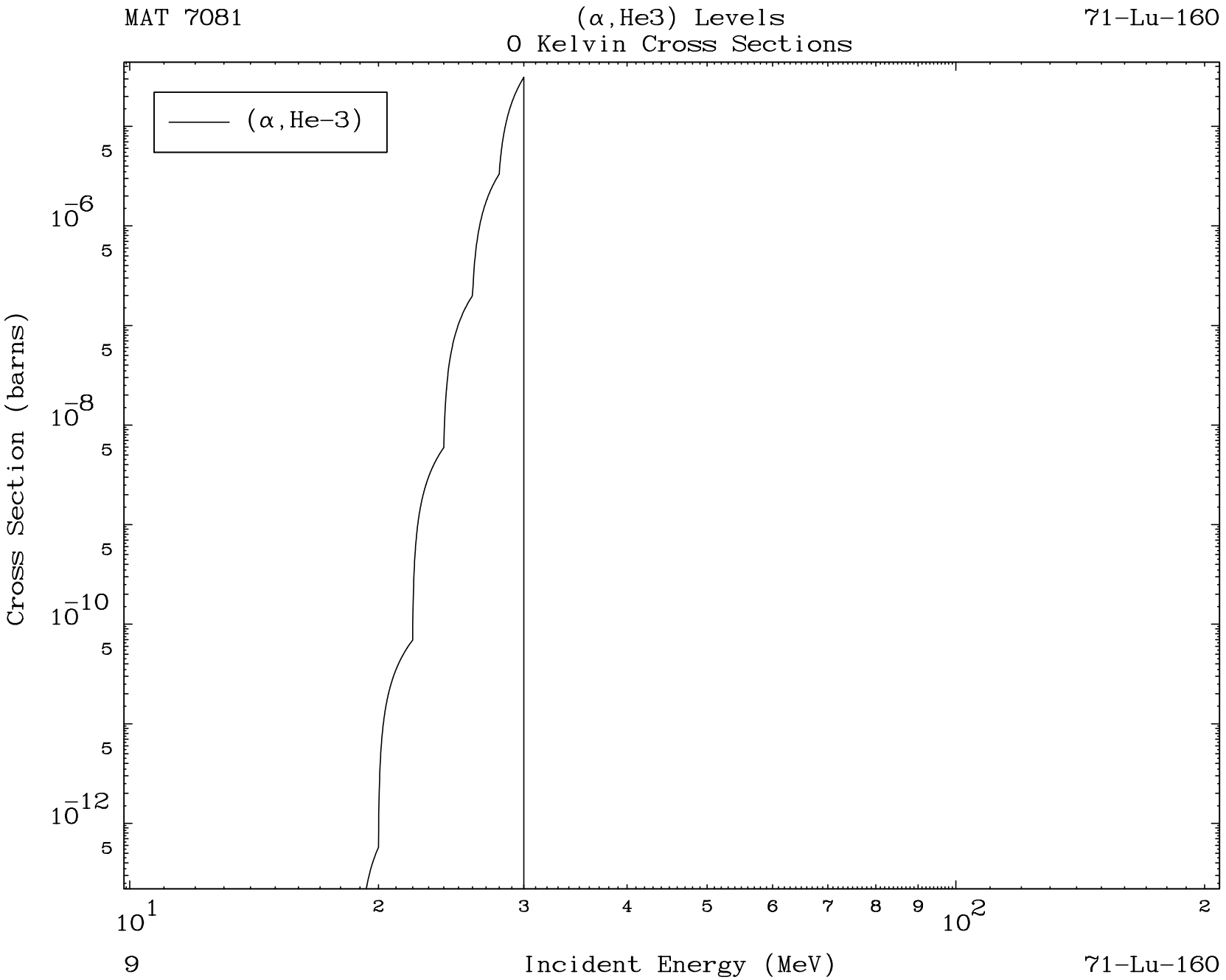

MAT 7081
α Charged Particle
0 Kelvin Cross Sections
71-Lu-160
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
71-Lu-160

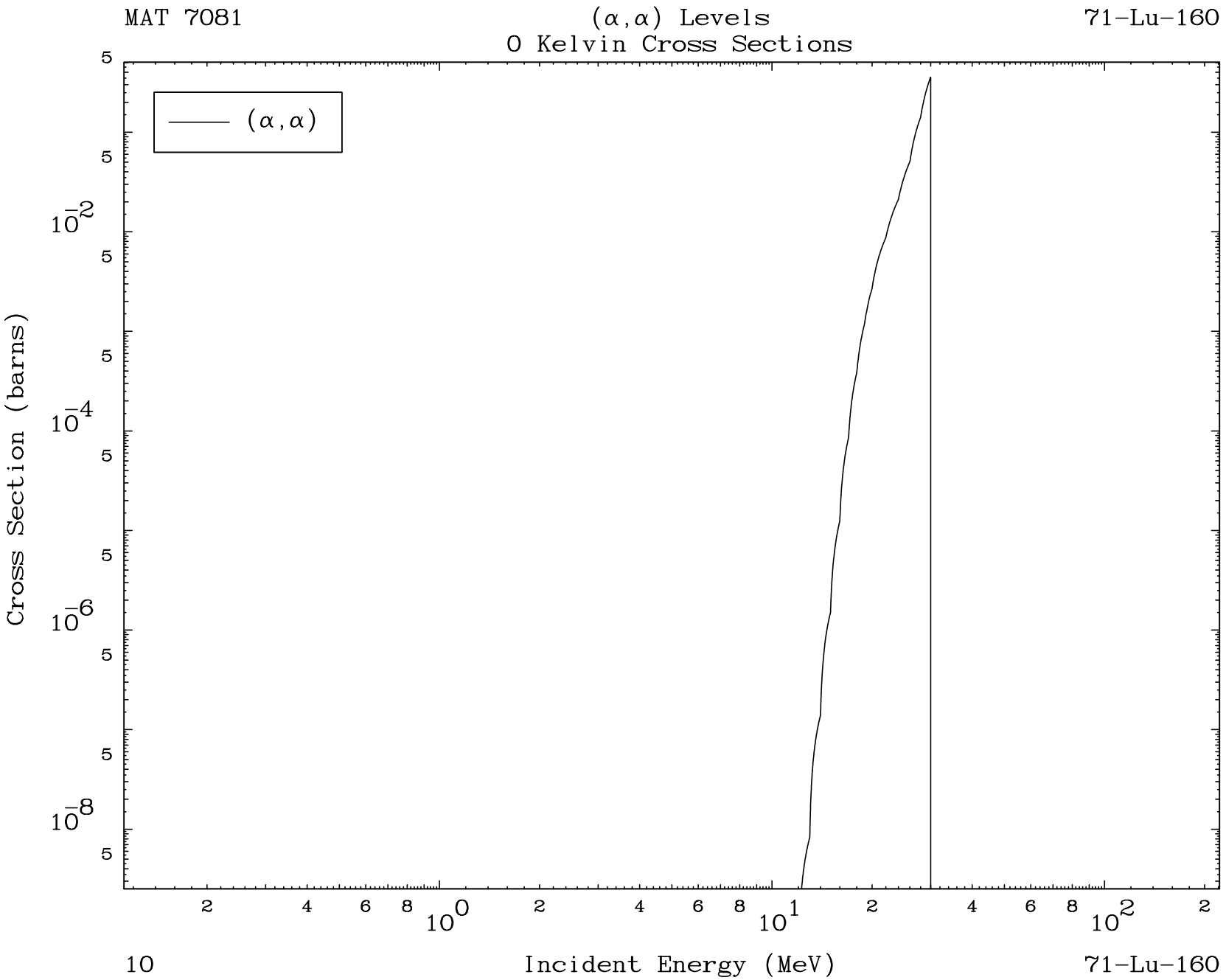

MAT 7081
(α,n') Level
71-Lu-160
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
10-5
5
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
71-Lu-160

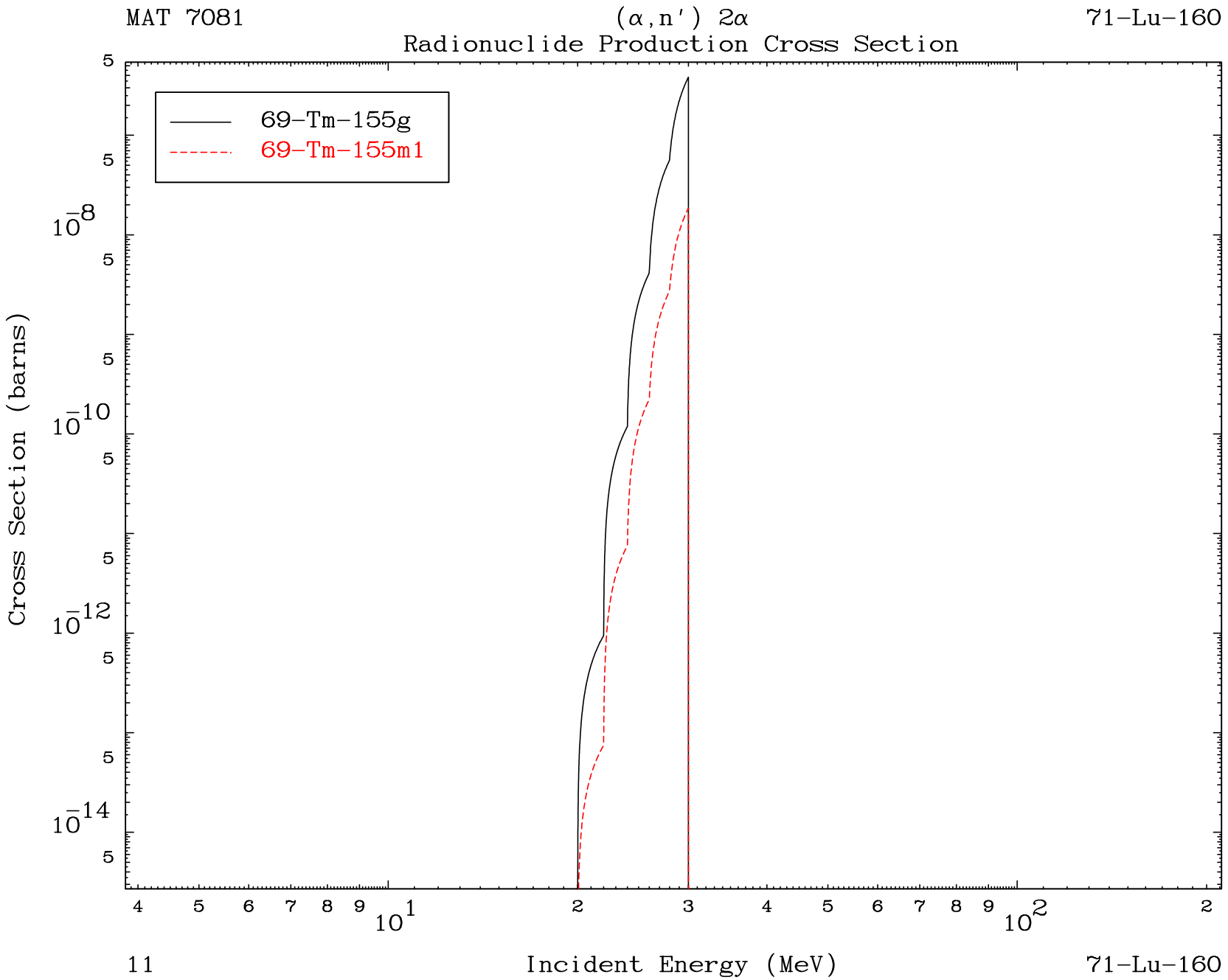

MAT 7081
(α,p) Levels
71-Lu-160
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
71-Lu-160

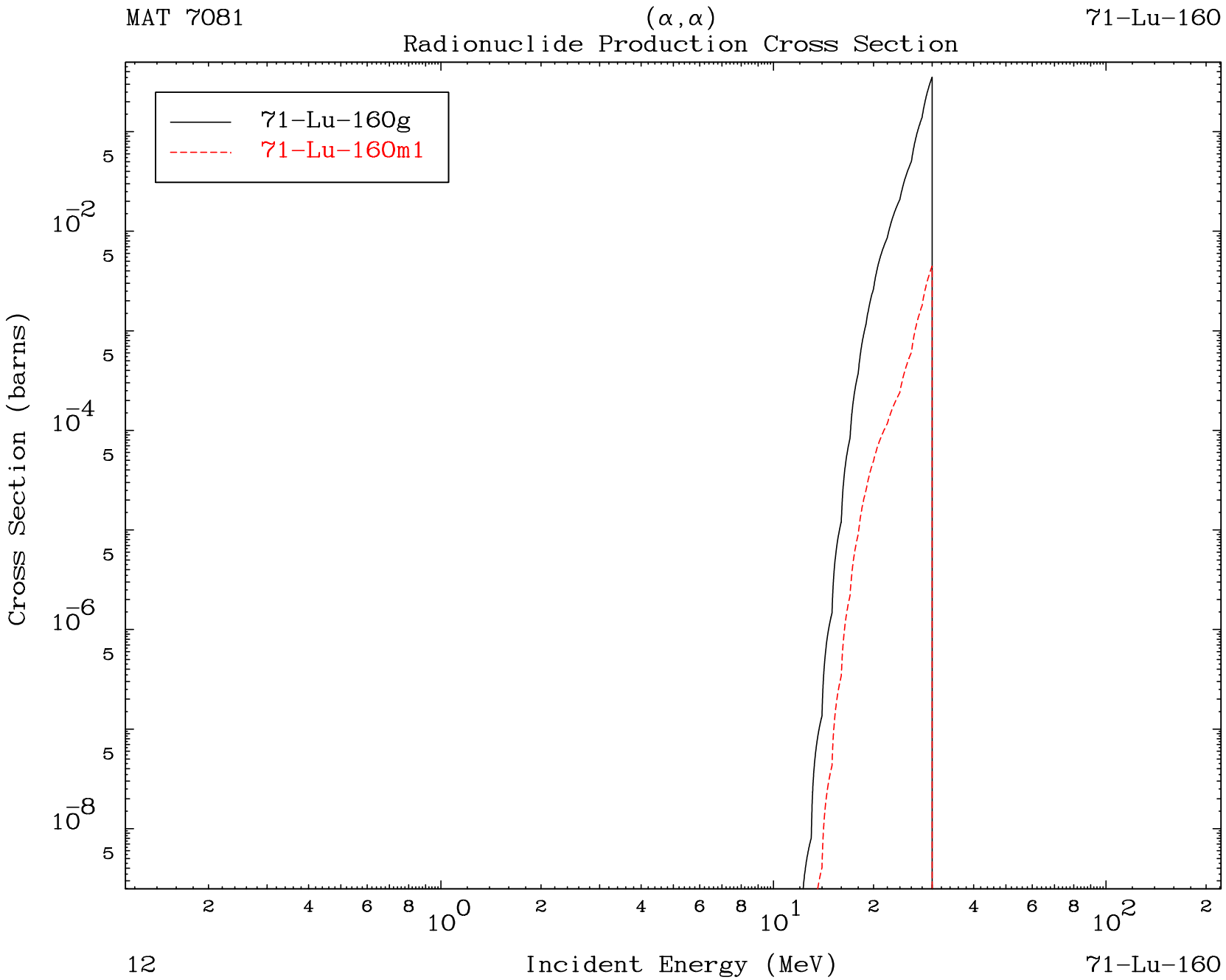

MAT 7081
(α,d) Levels
71-Lu-160
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
71-Lu-160

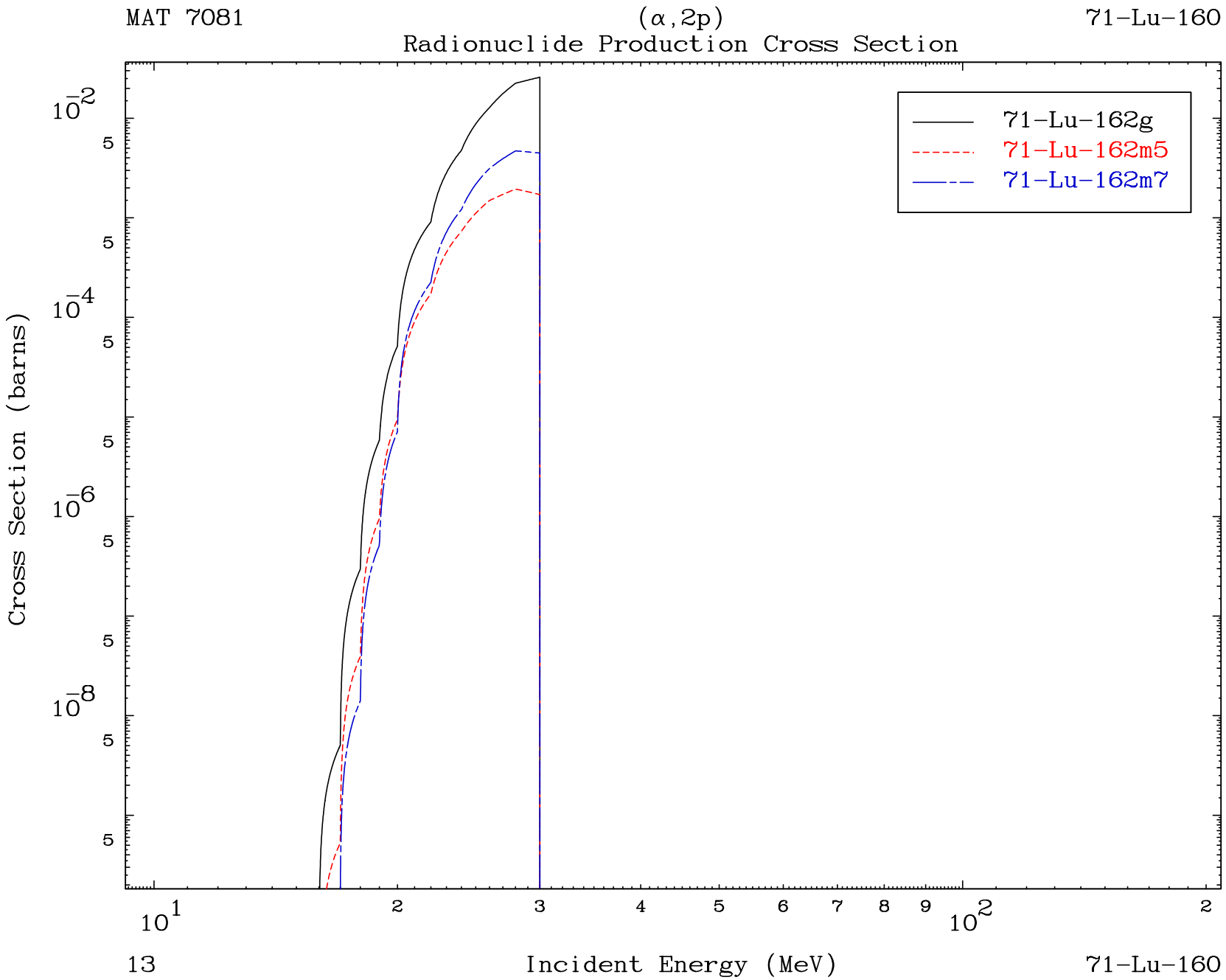

MAT 7081
(α,t) Levels
71-Lu-160
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
8
71-Lu-160


MAT 7081
(α,He3) Levels
71-Lu-160
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
9
71-Lu-160


MAT 7081
(α,α) Levels
71-Lu-160
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
71-Lu-160


MAT 7081
(α,n') 2α
71-Lu-160
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
11
71-Lu-160


MAT 7081
(α,α)
71-Lu-160
Radionuclide Production Cross Section
71-Lu-160g
71-Lu-160m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
12
71-Lu-160


MAT 7081
(α,2p)
71-Lu-160
Radionuclide Production Cross Section
71-Lu-162g
71-Lu-162m5
71-Lu-162m7
Cross Section (barns)
Incident Energy (MeV)
13
71-Lu-160