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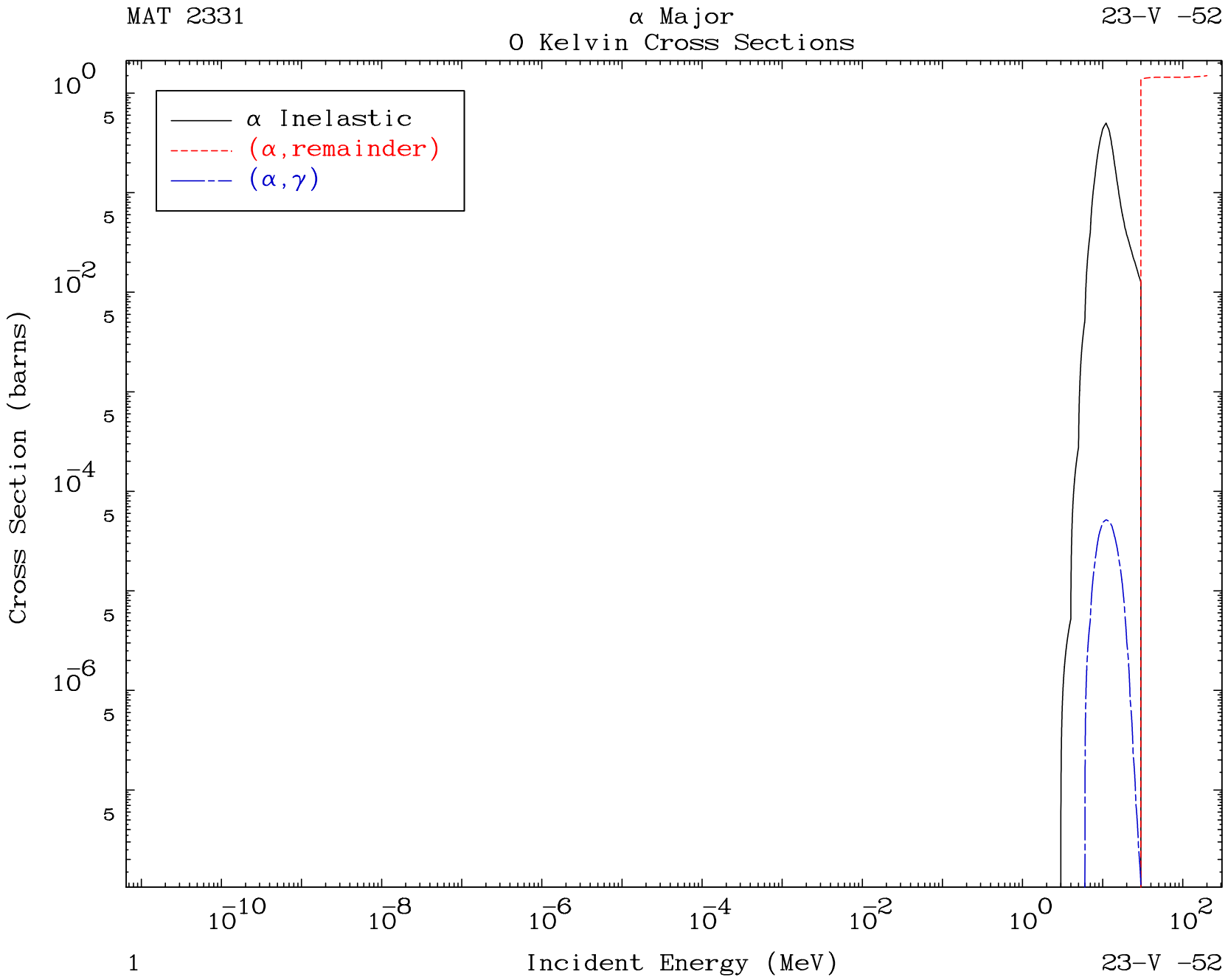
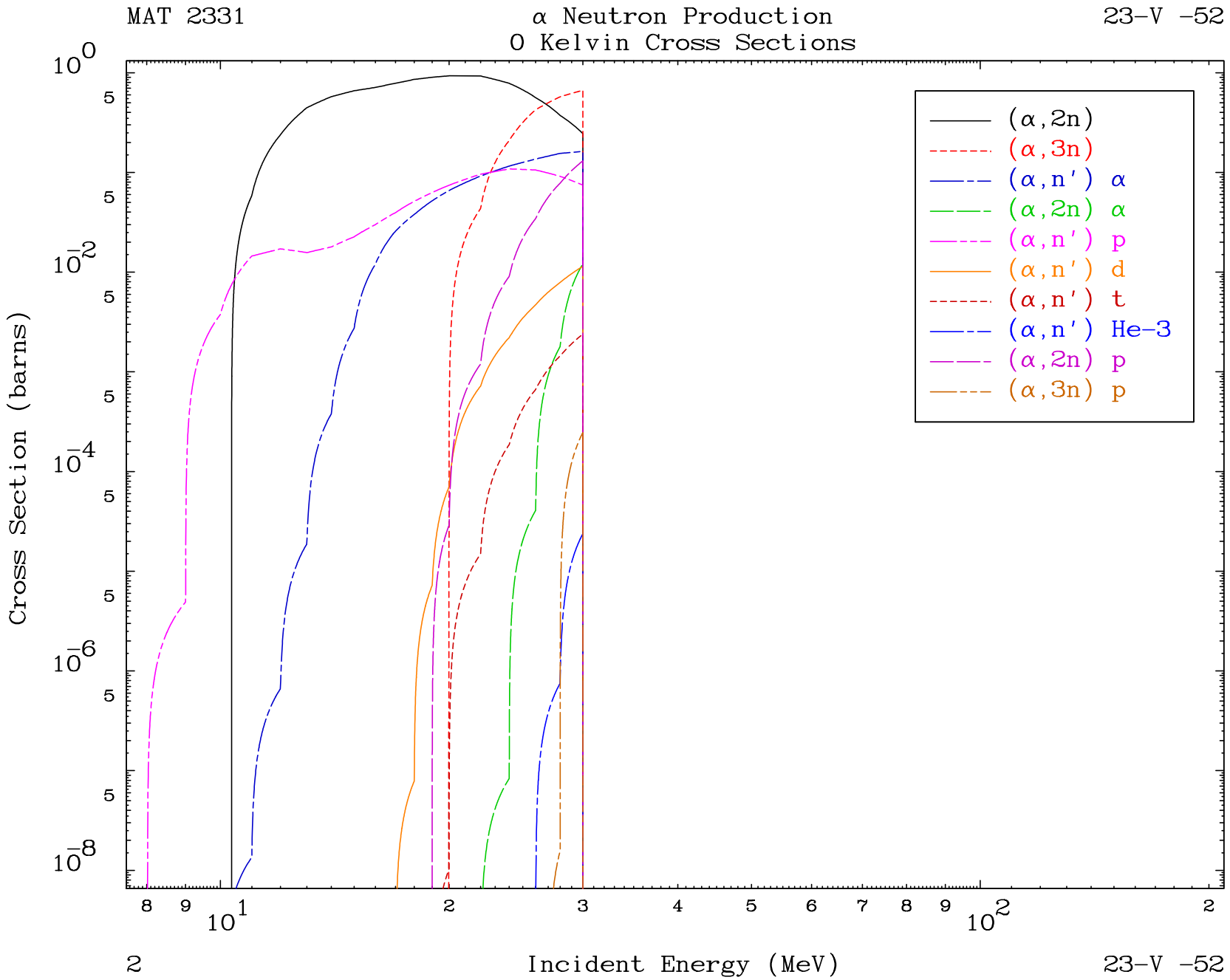
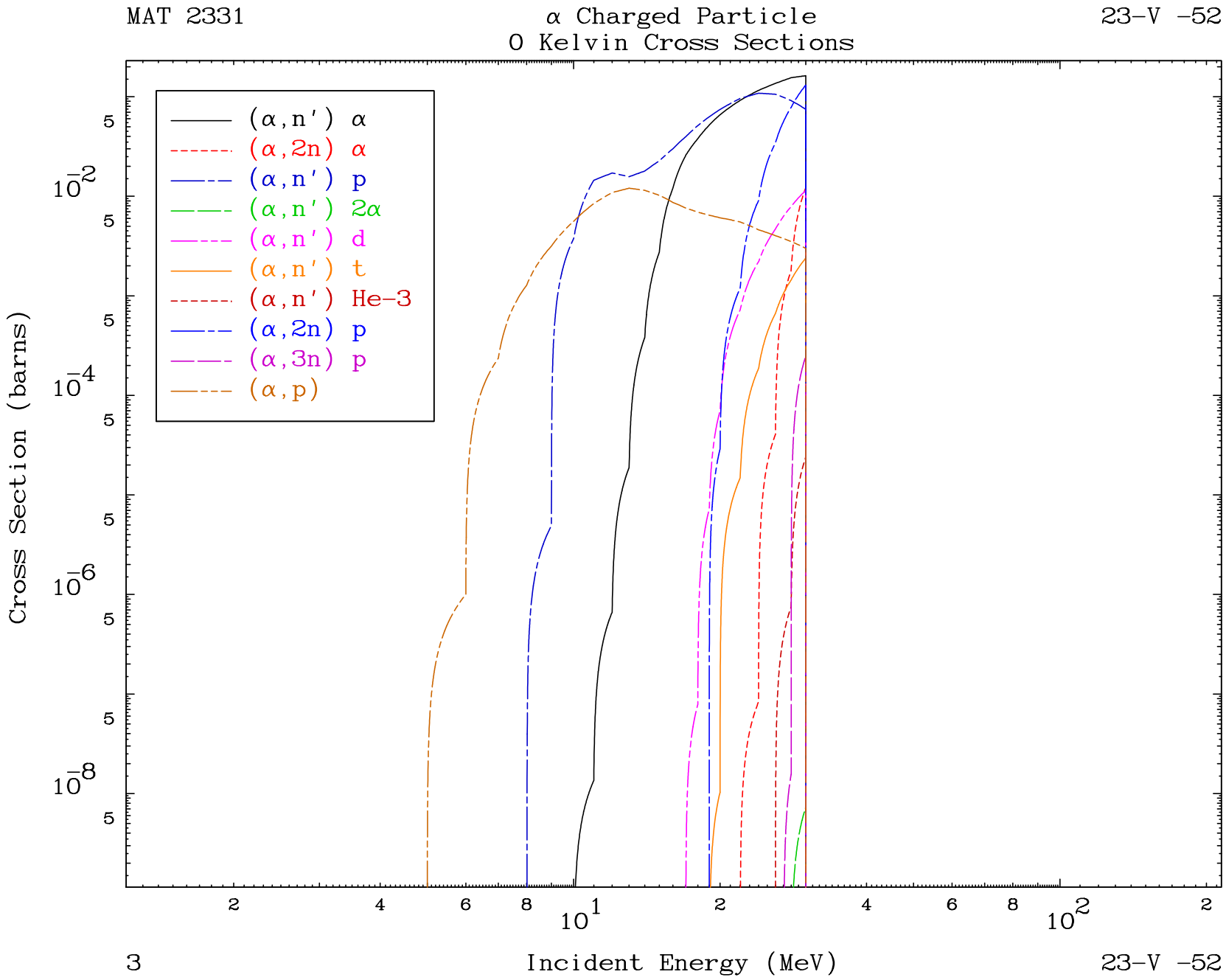
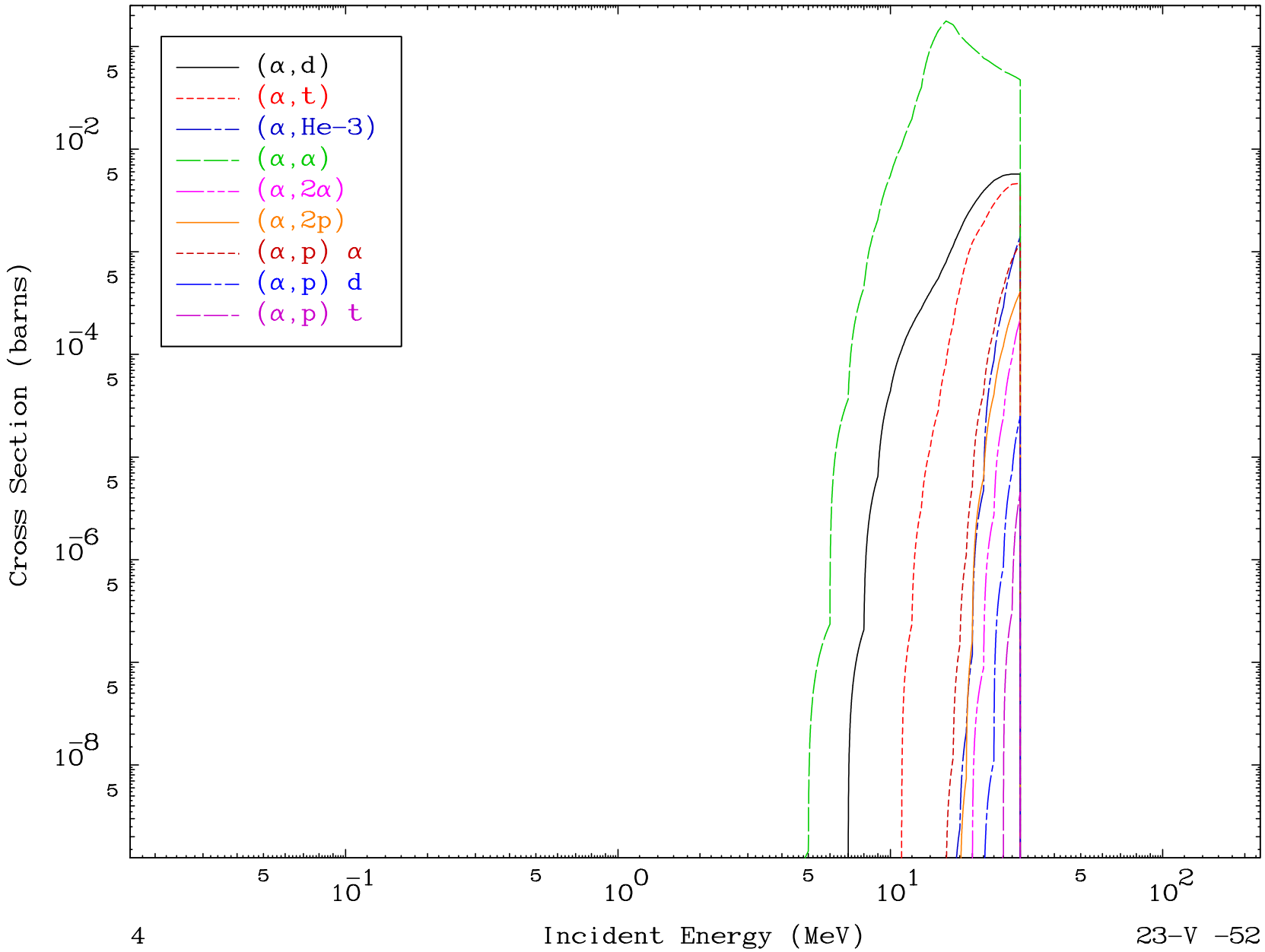
Press Mouse Button to Start

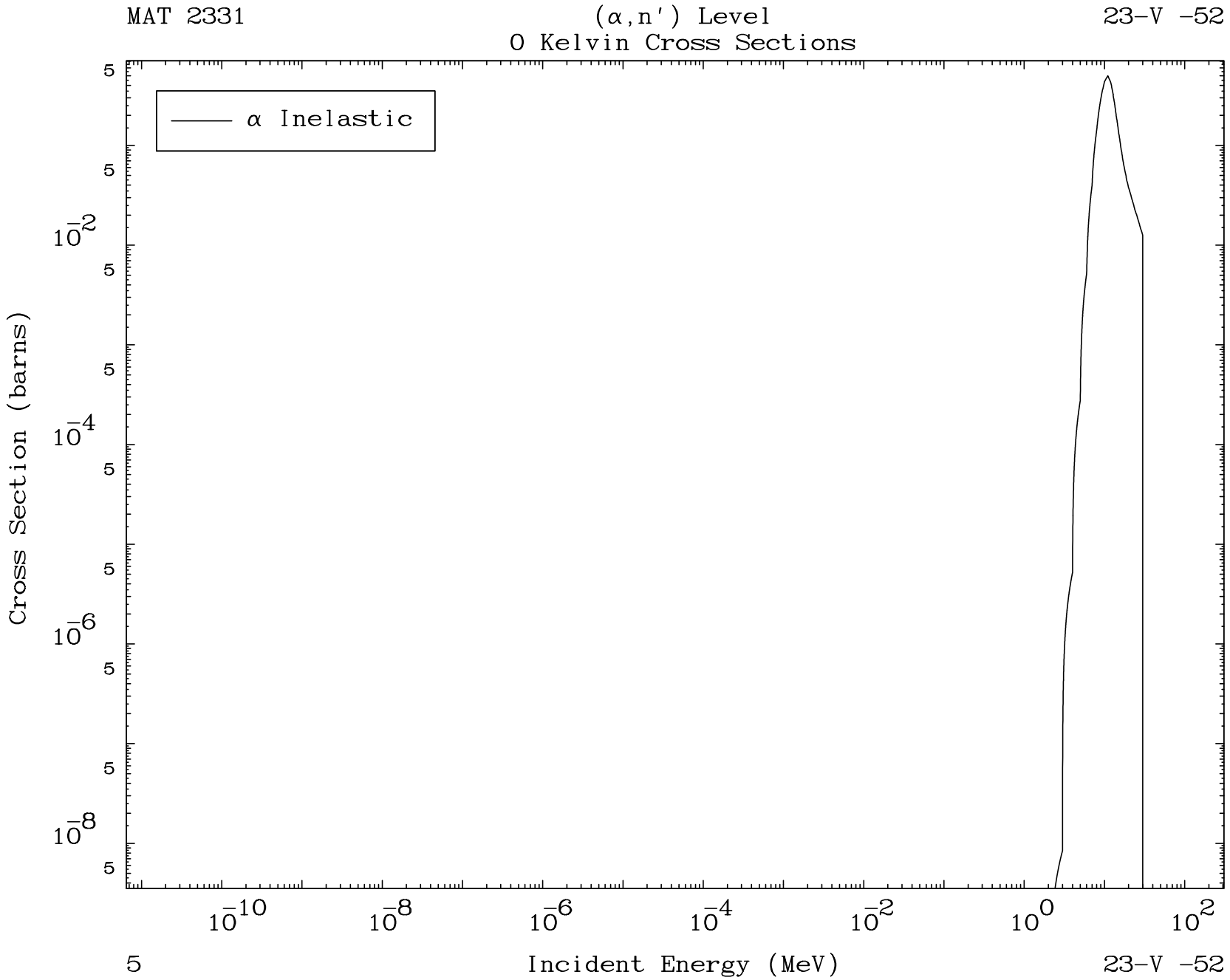

MAT 2331
α Major
23-V -52
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
23-V -52

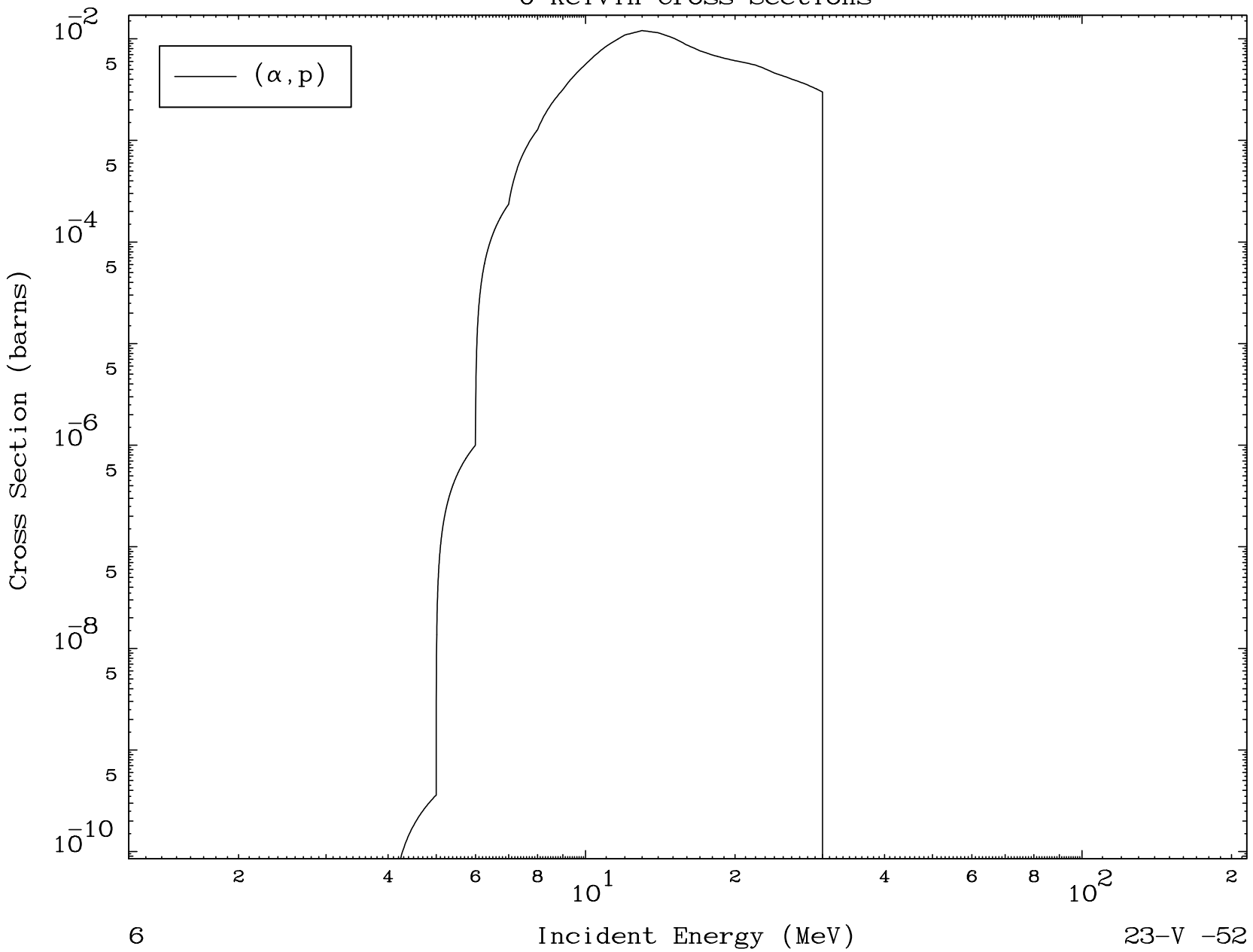

MAT 2331
α Neutron Production
0 Kelvin Cross Sections
23-V -52
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p

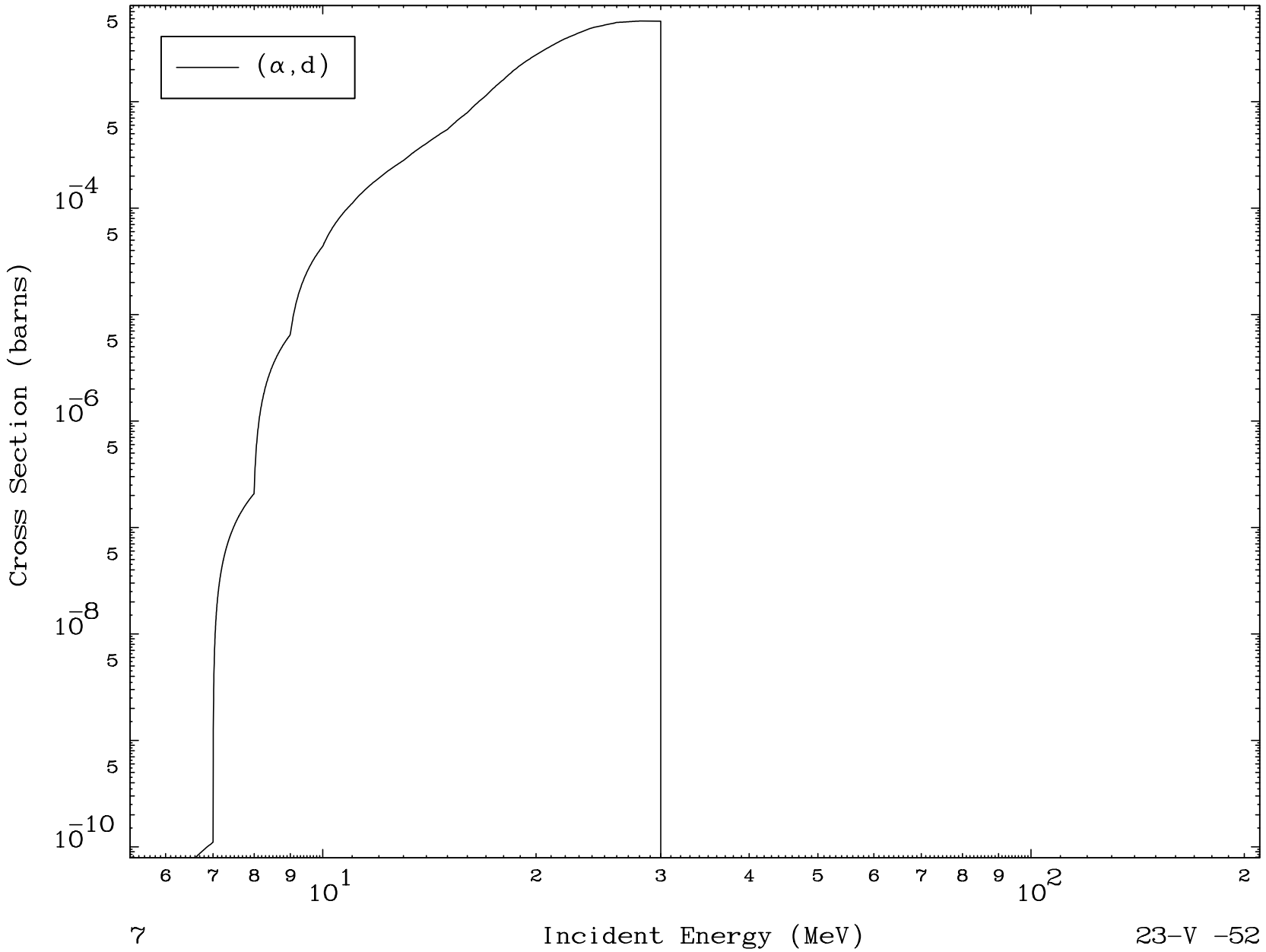

MAT 2331
α Charged Particle
0 Kelvin Cross Sections
23-V -52
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)
3
23-V -52

α Charged Particle
0 Kelvin Cross Sections

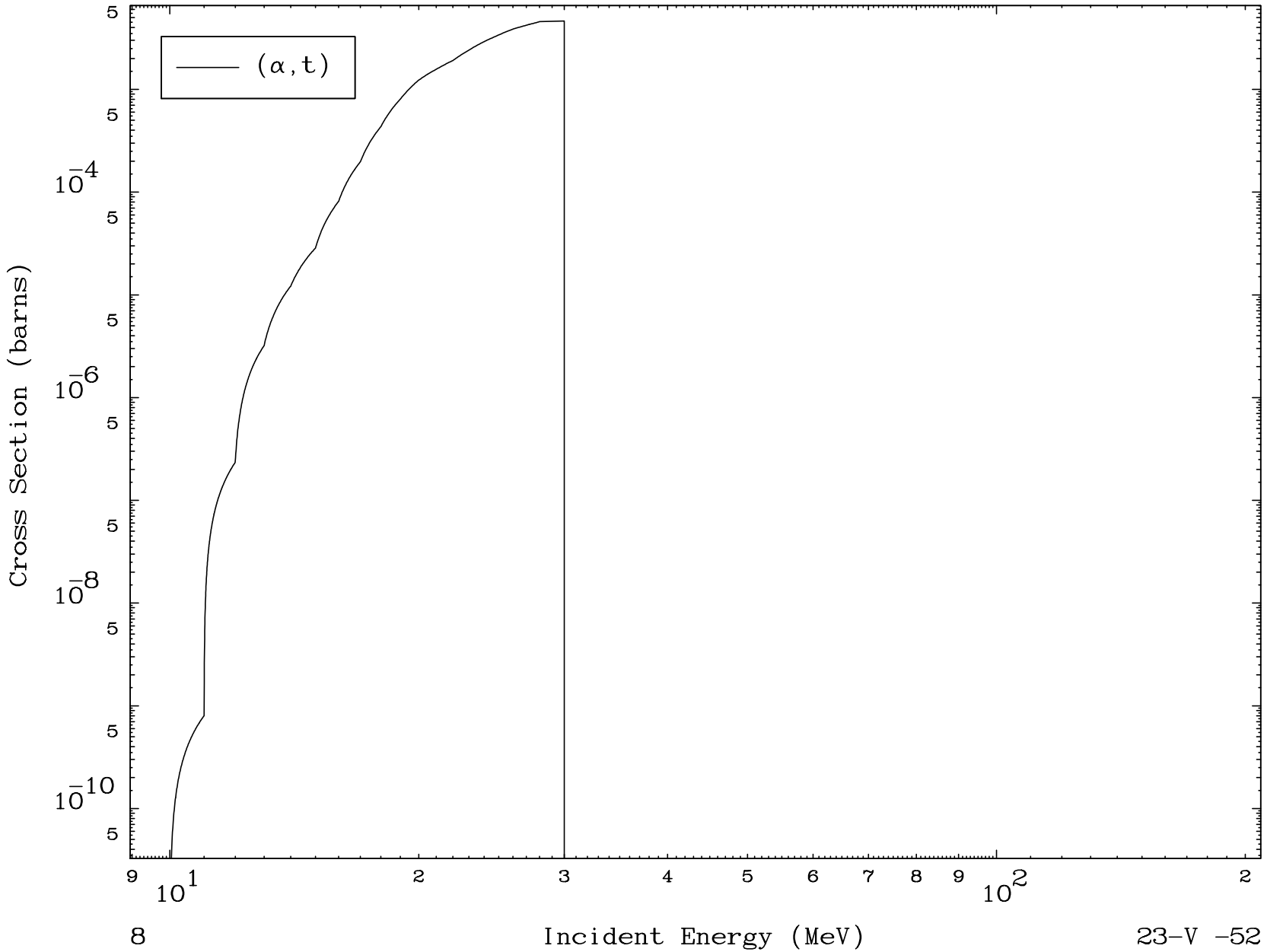



MAT 2331
(α,n') Level
23-V -52
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
23-V -52

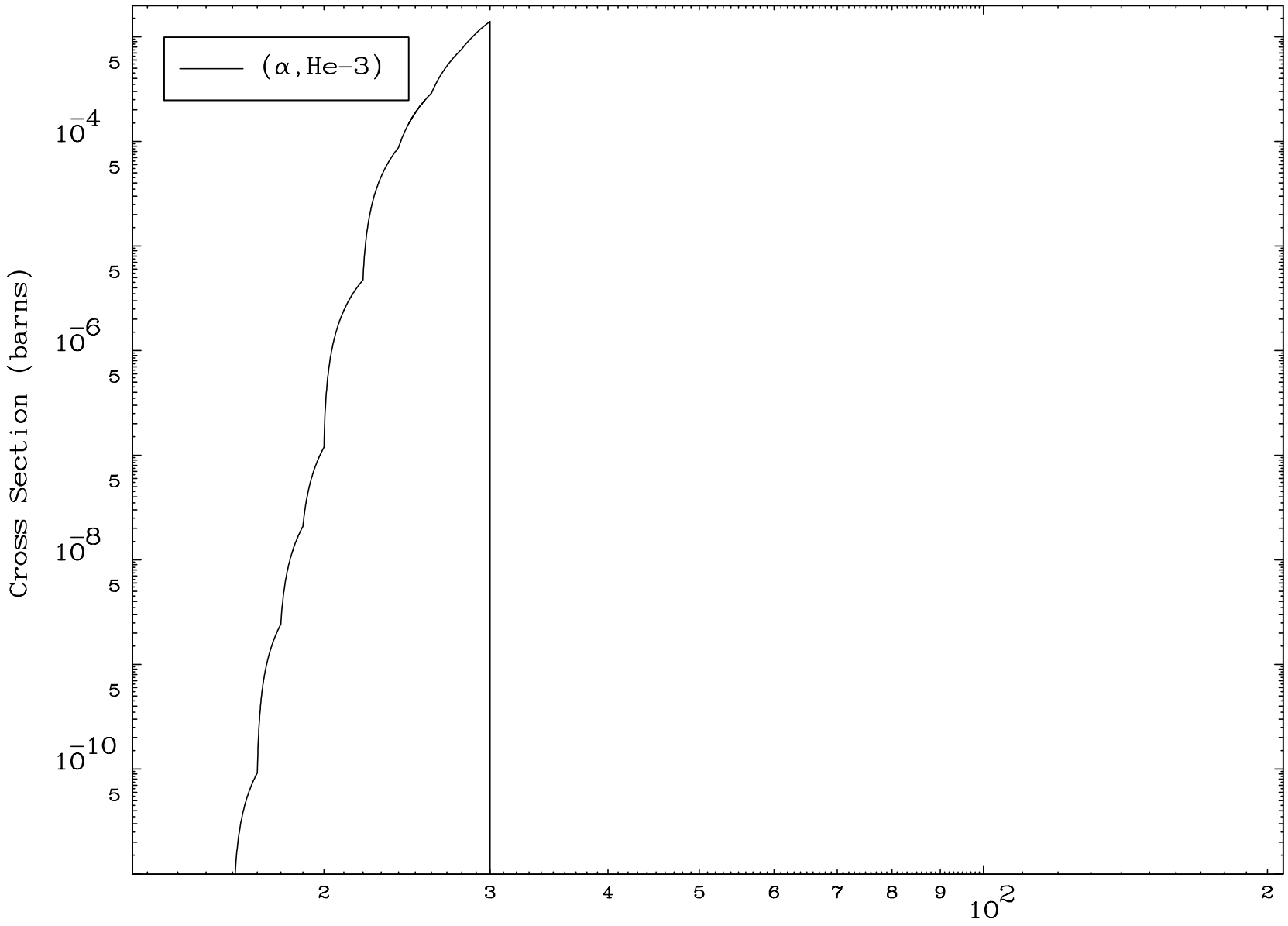

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
10-10
2
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)

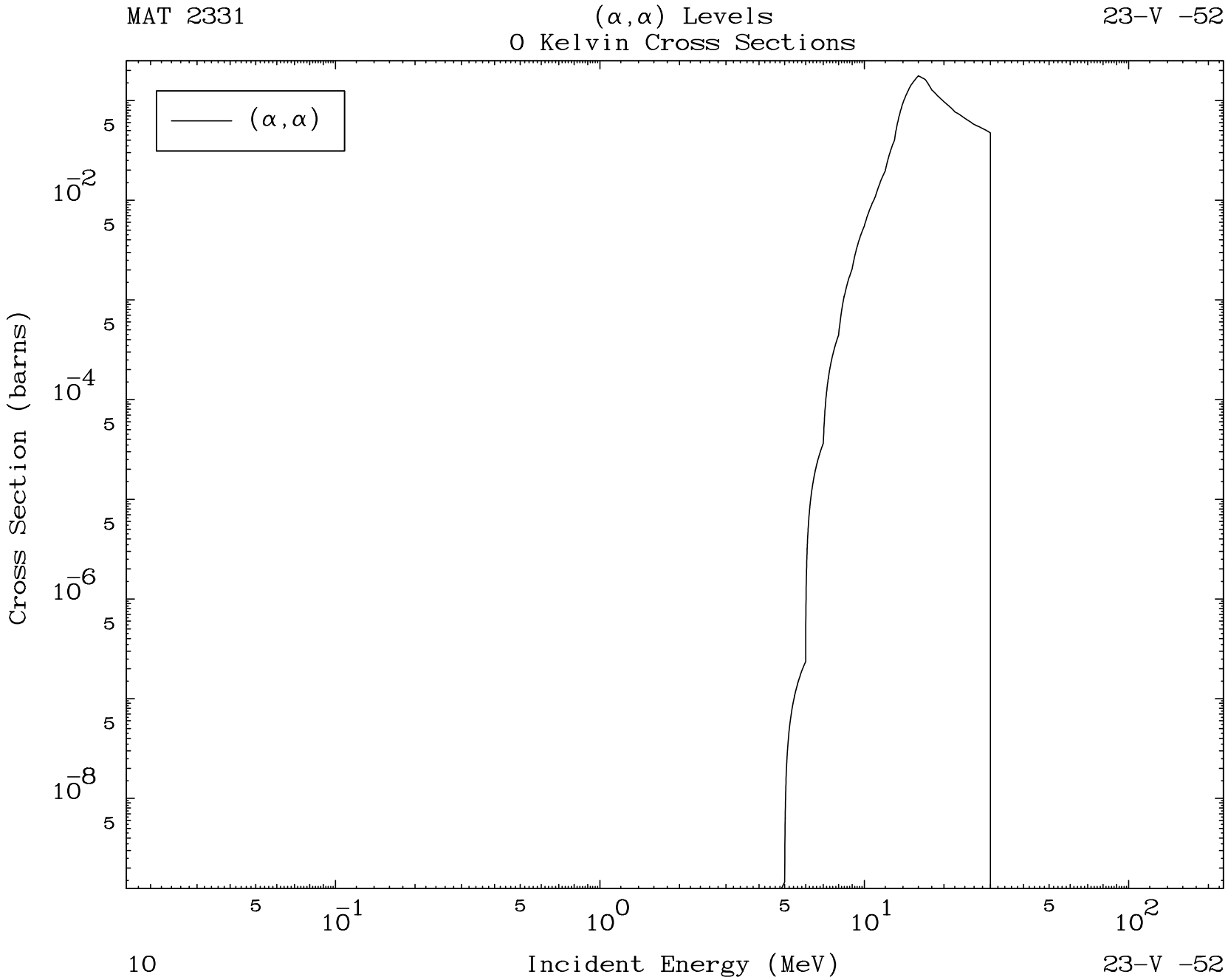

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

0 Kelvin Cross Sections



0 Kelvin Cross Sections




MAT 2331
(α,α) Levels
23-V -52
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^-1
10^0
10^1
10^2
10
Incident Energy (MeV)
23-V -52