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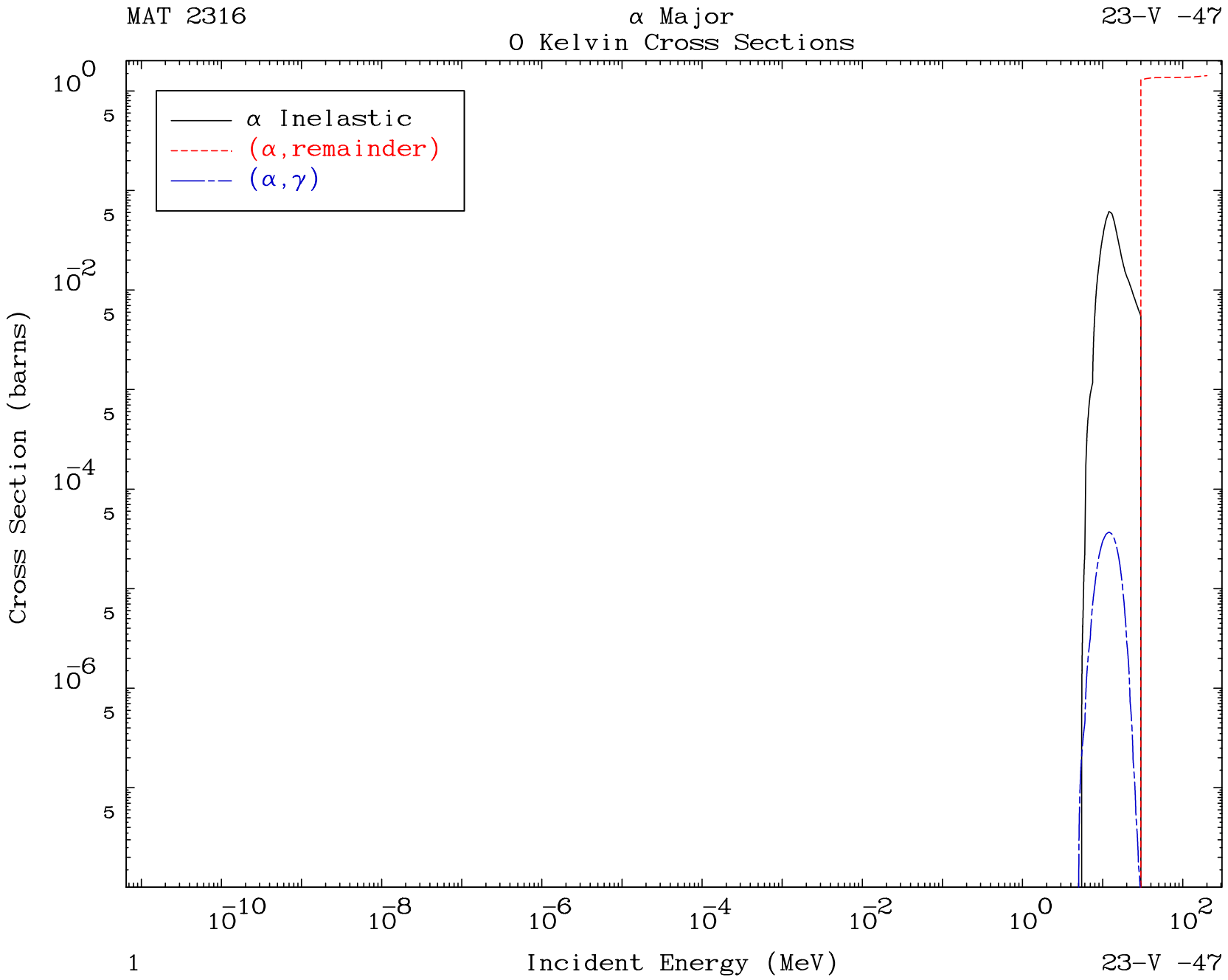
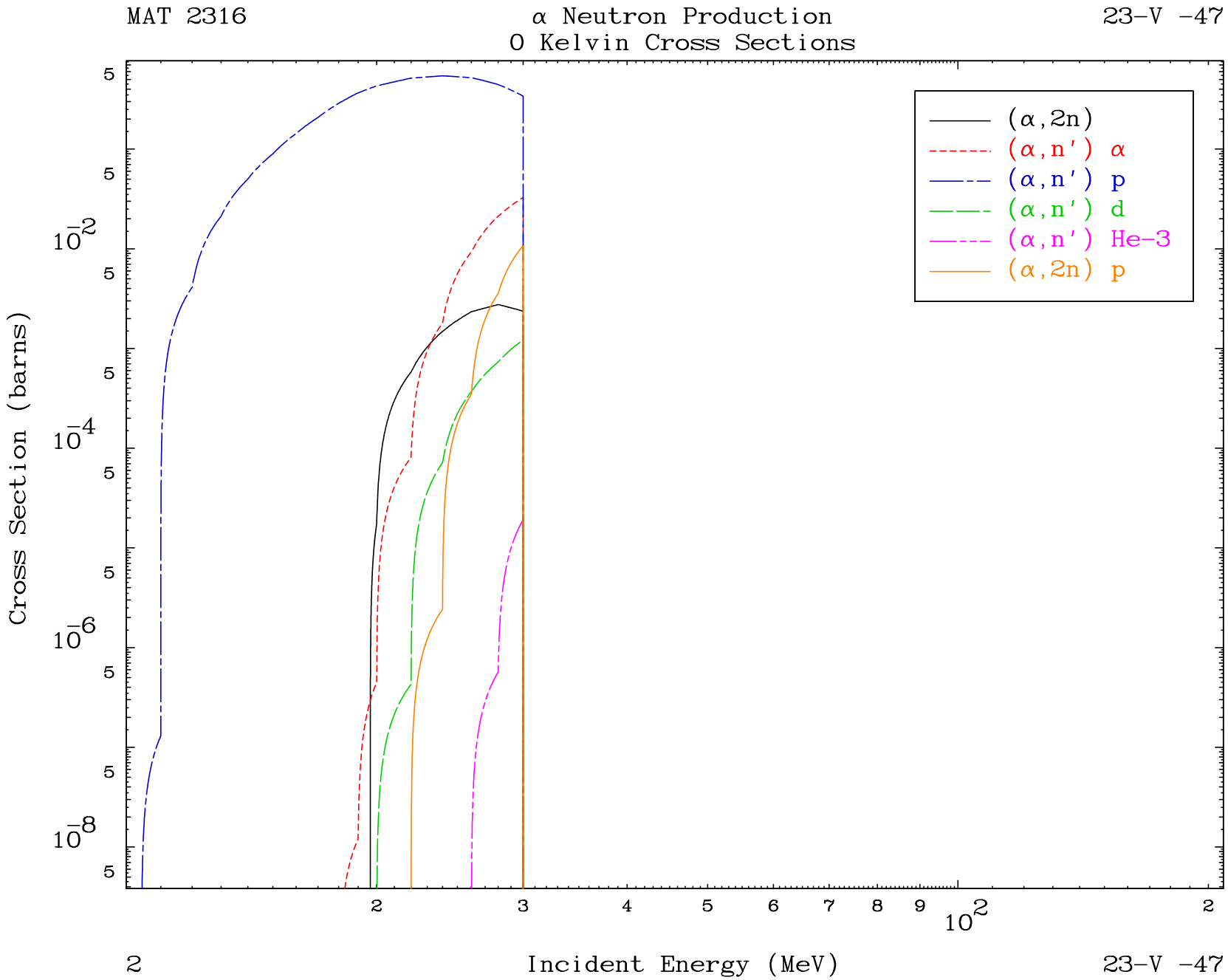
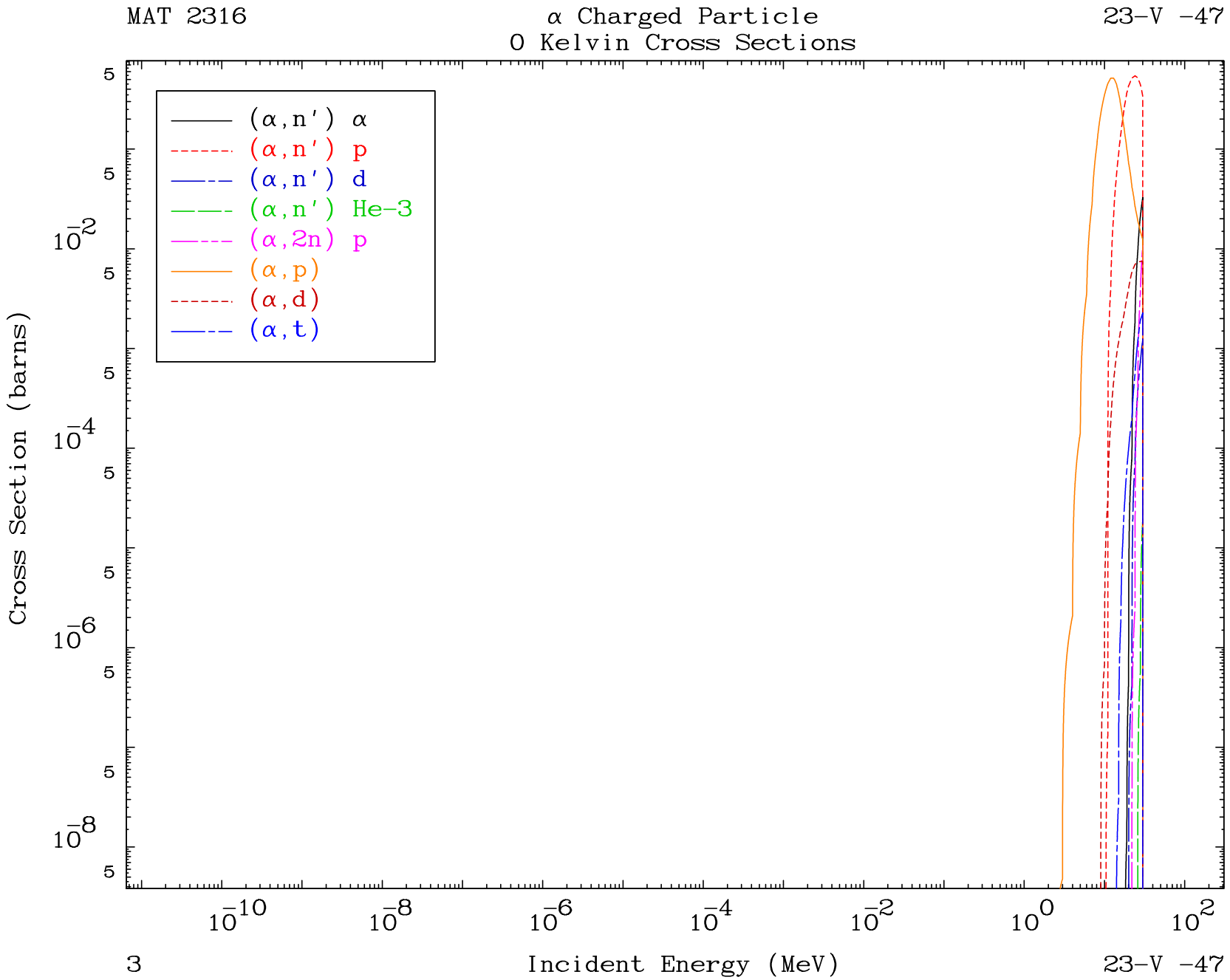
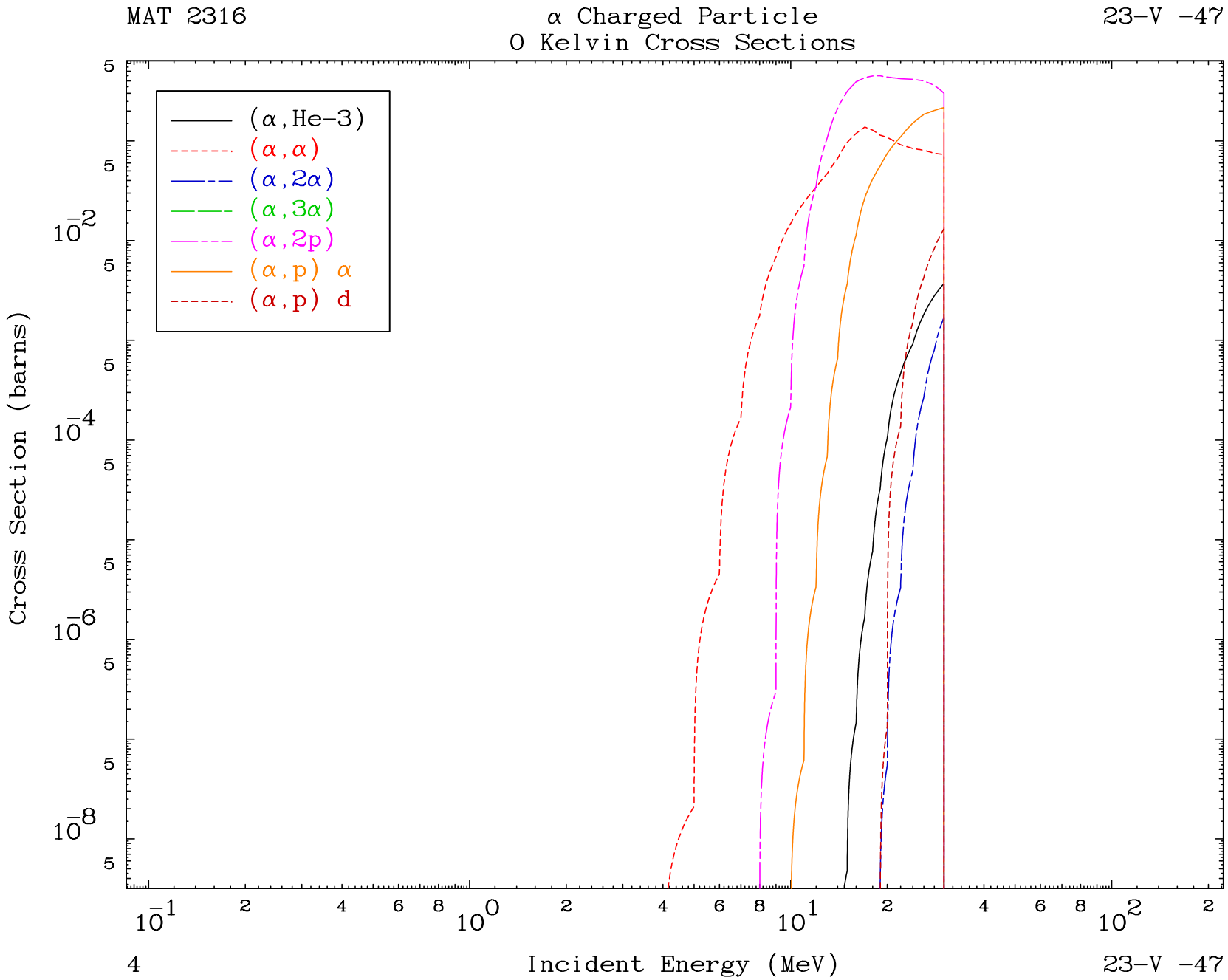
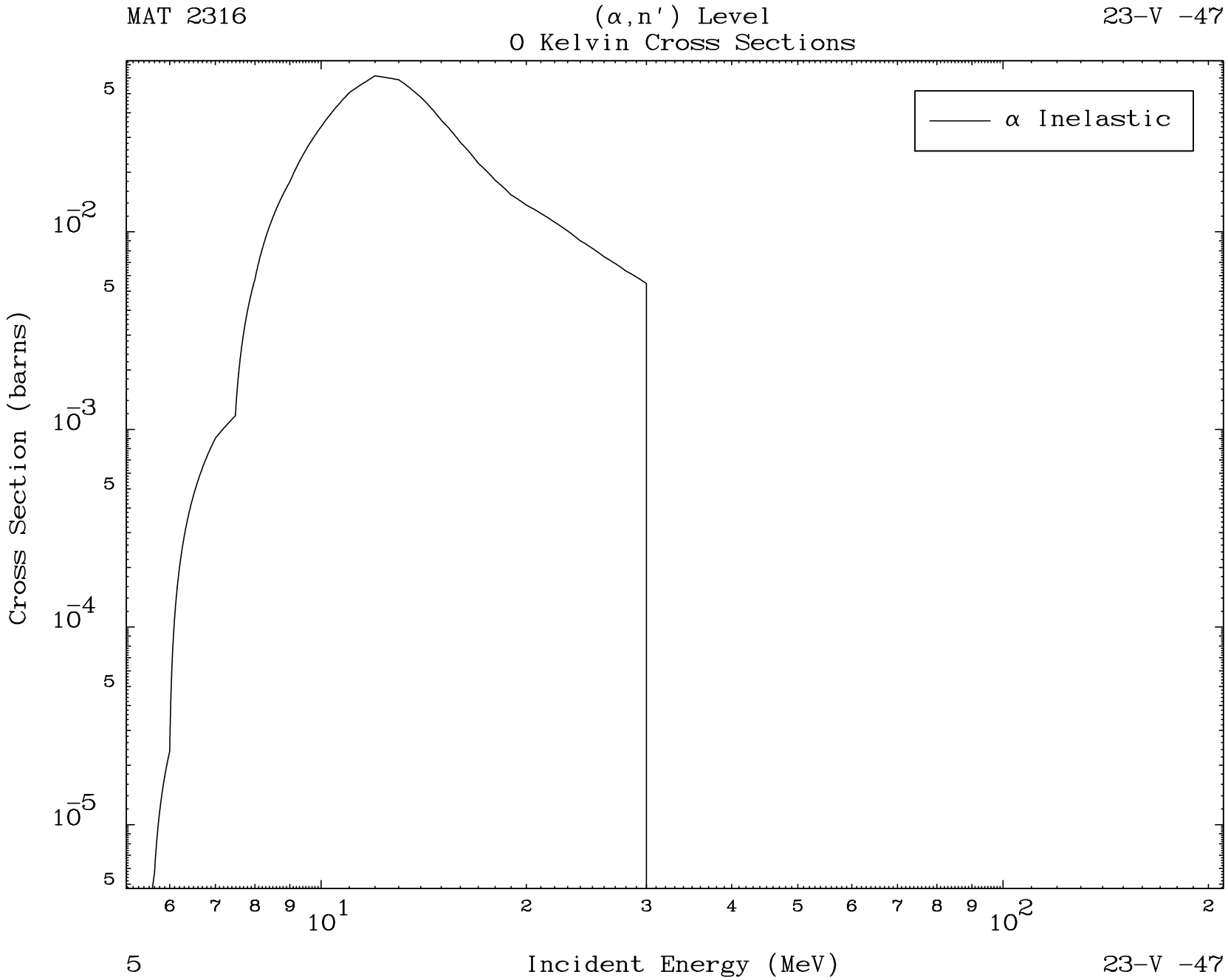
Press Mouse Button to Start

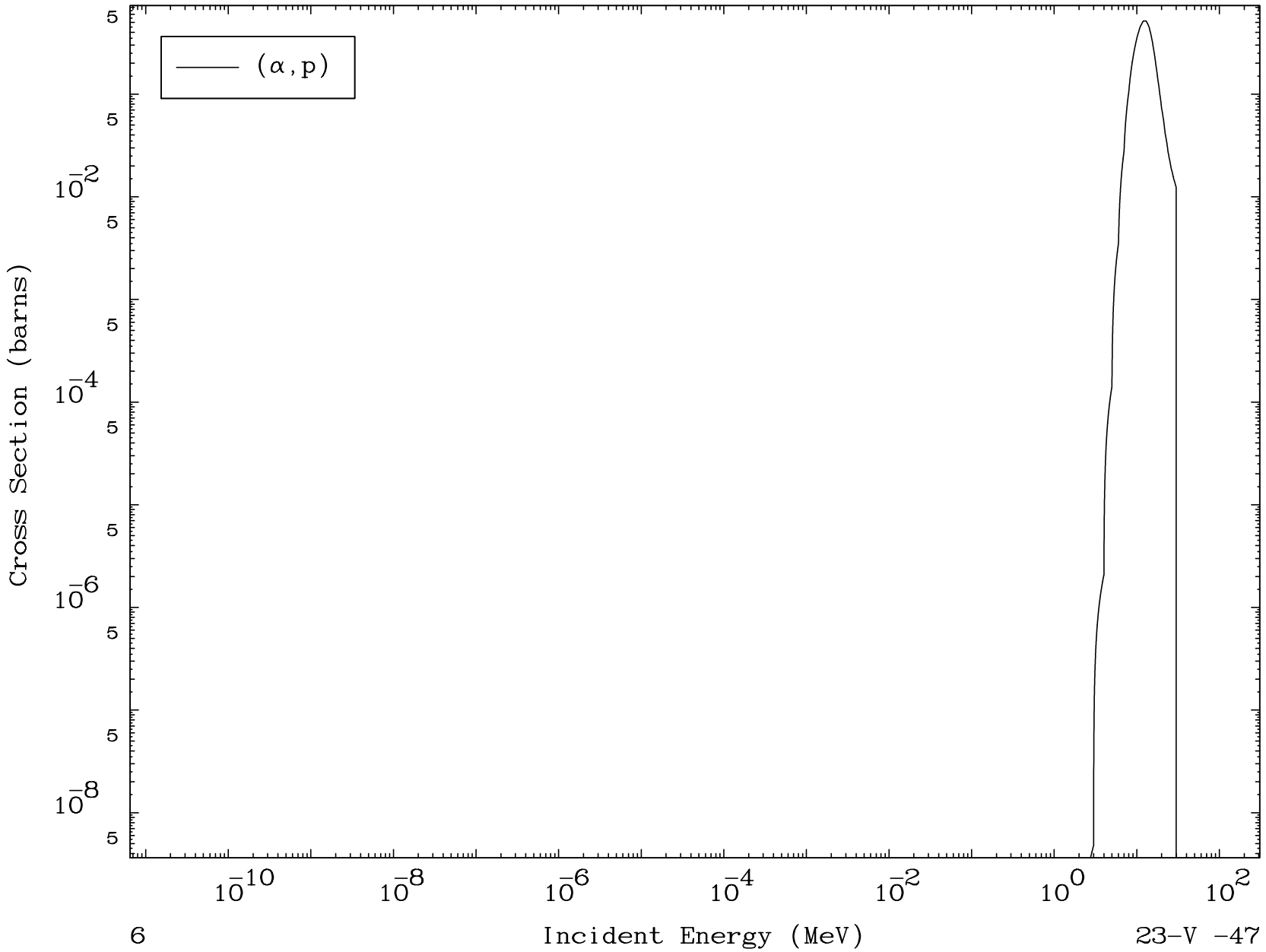

MAT 2316
α Major
23-V -47
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
23-V -47

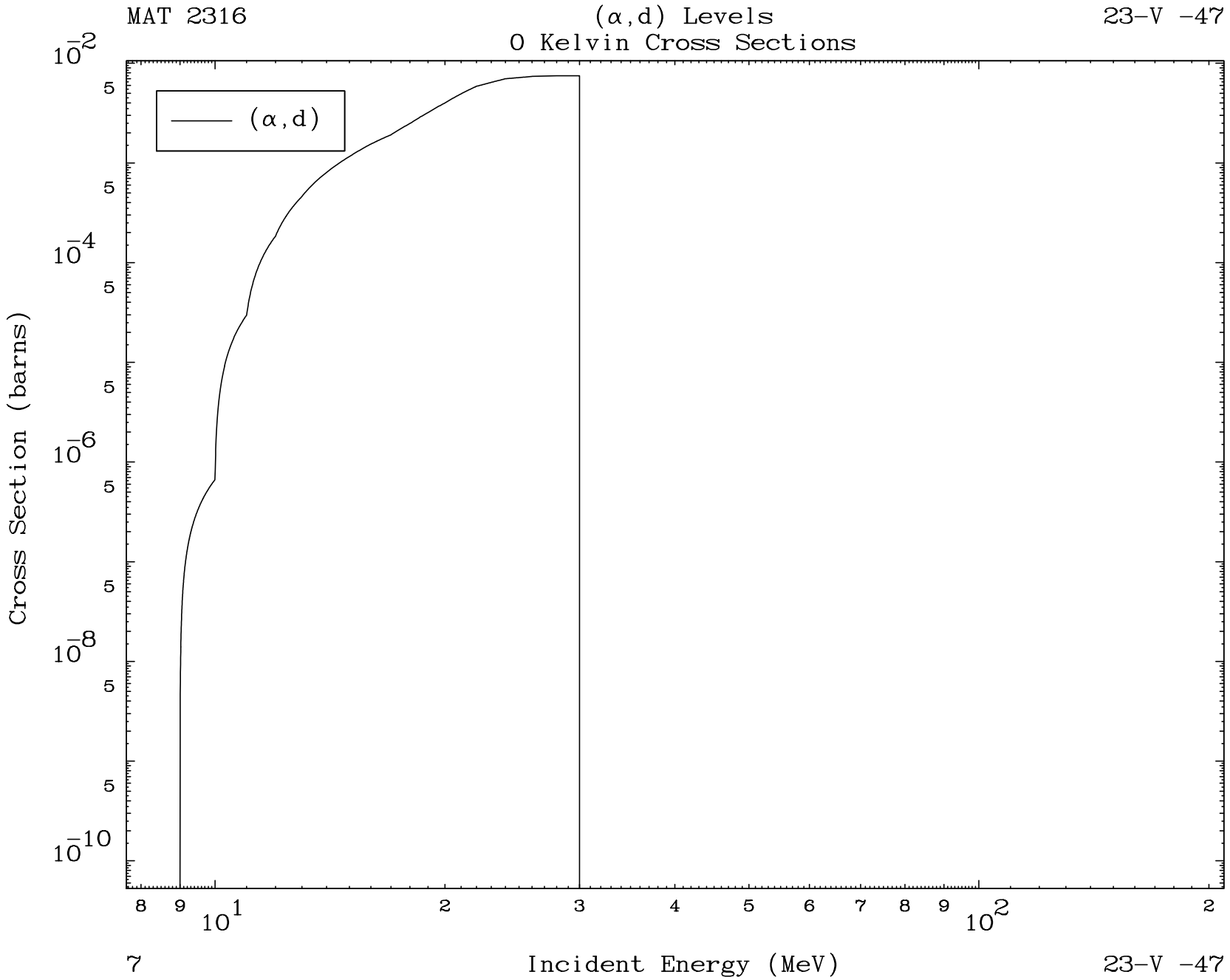

MAT 2316
α Neutron Production
0 Kelvin Cross Sections
23-V -47
(α,2n)
(α,n') α
(α,n') p
(α,n') d
(α,n') He-3
(α,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
23-V -47


MAT 2316
α Charged Particle
0 Kelvin Cross Sections
23-V -47
(α,n') α
(α,n') p
(α,n') d
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
23-V -47

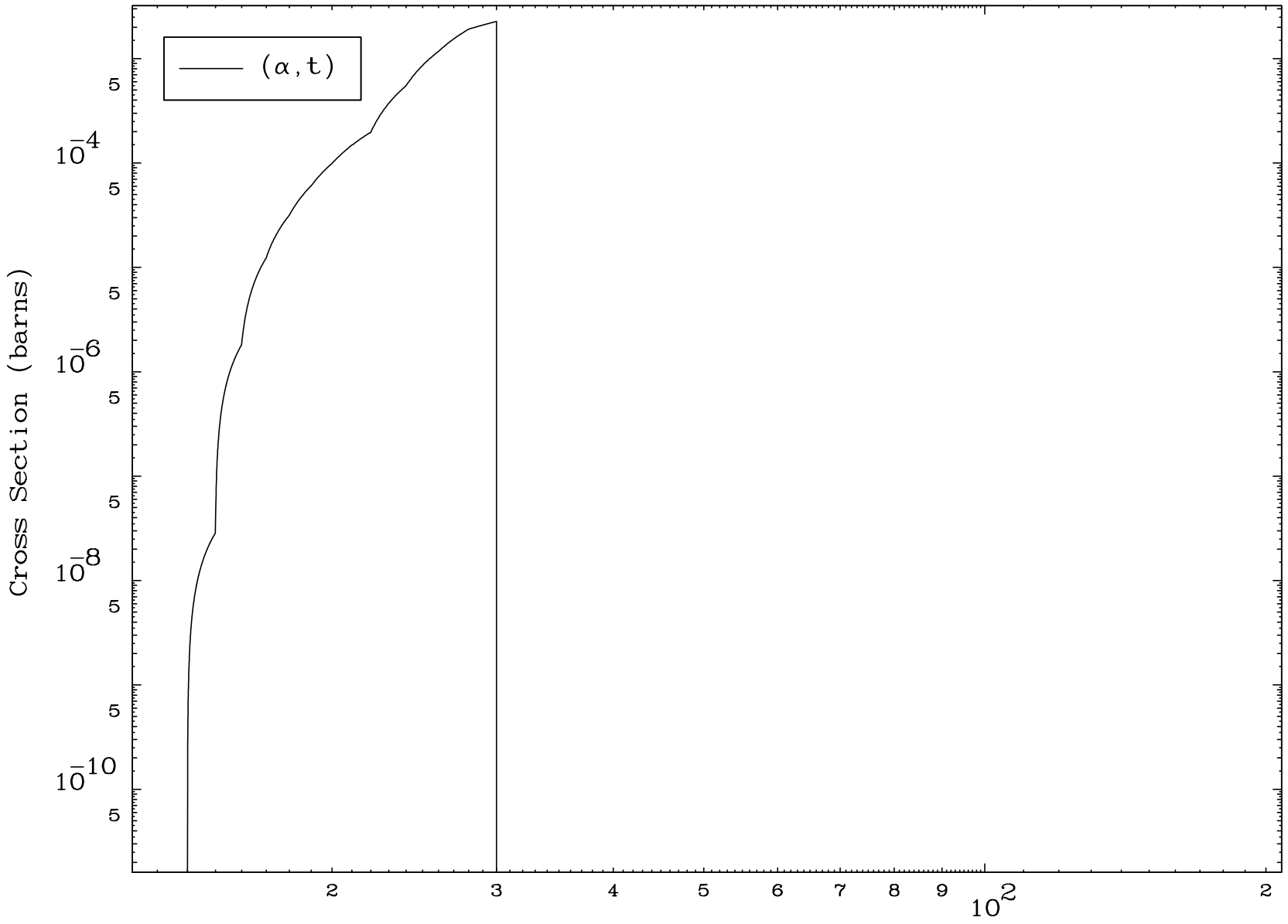

MAT 2316
α Charged Particle
0 Kelvin Cross Sections
23-V -47
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
23-V -47

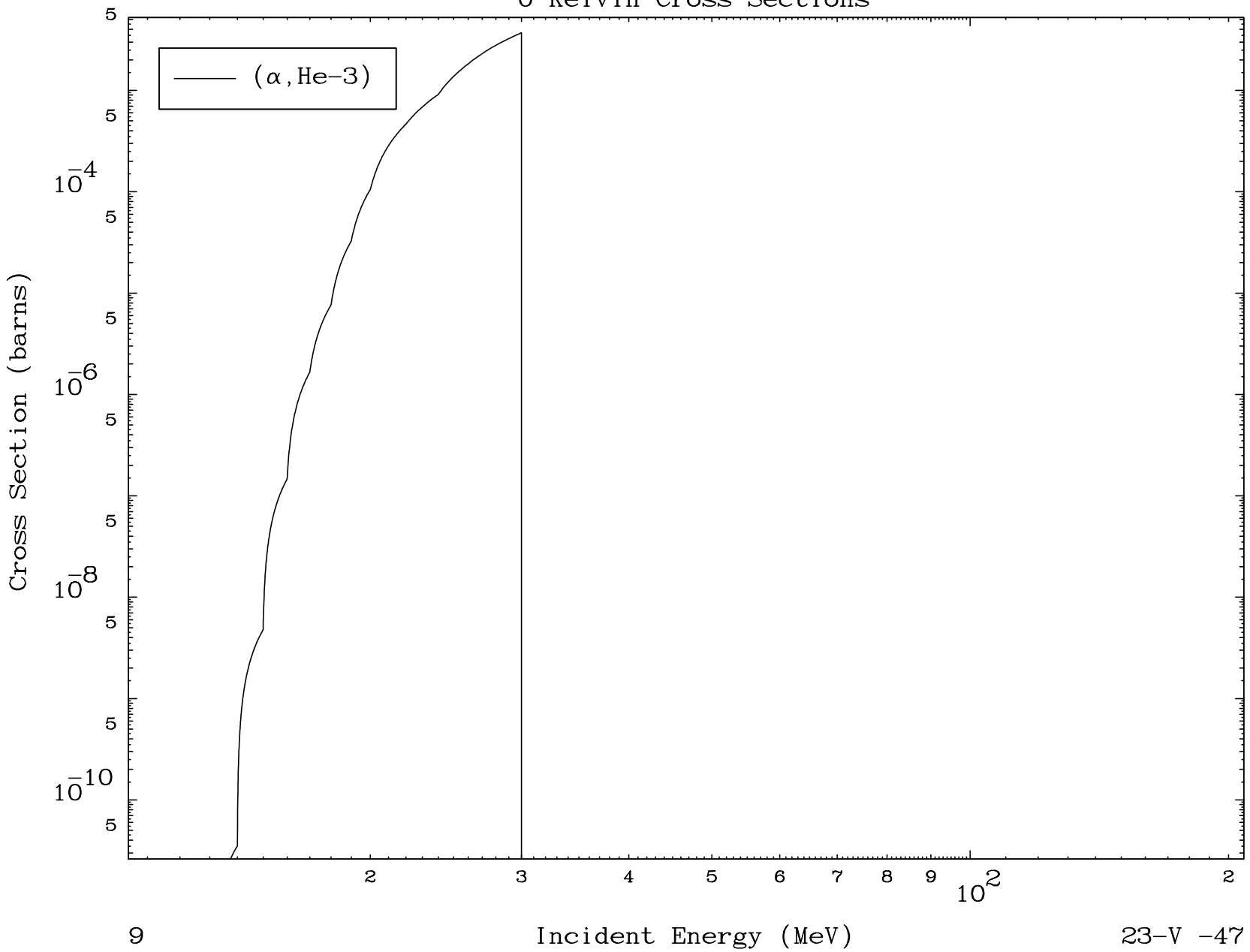

MAT 2316
(α,n') Level
23-V -47
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
23-V -47
5
10^-2
10^-3
10^-4
10^-5
10^1
10^2

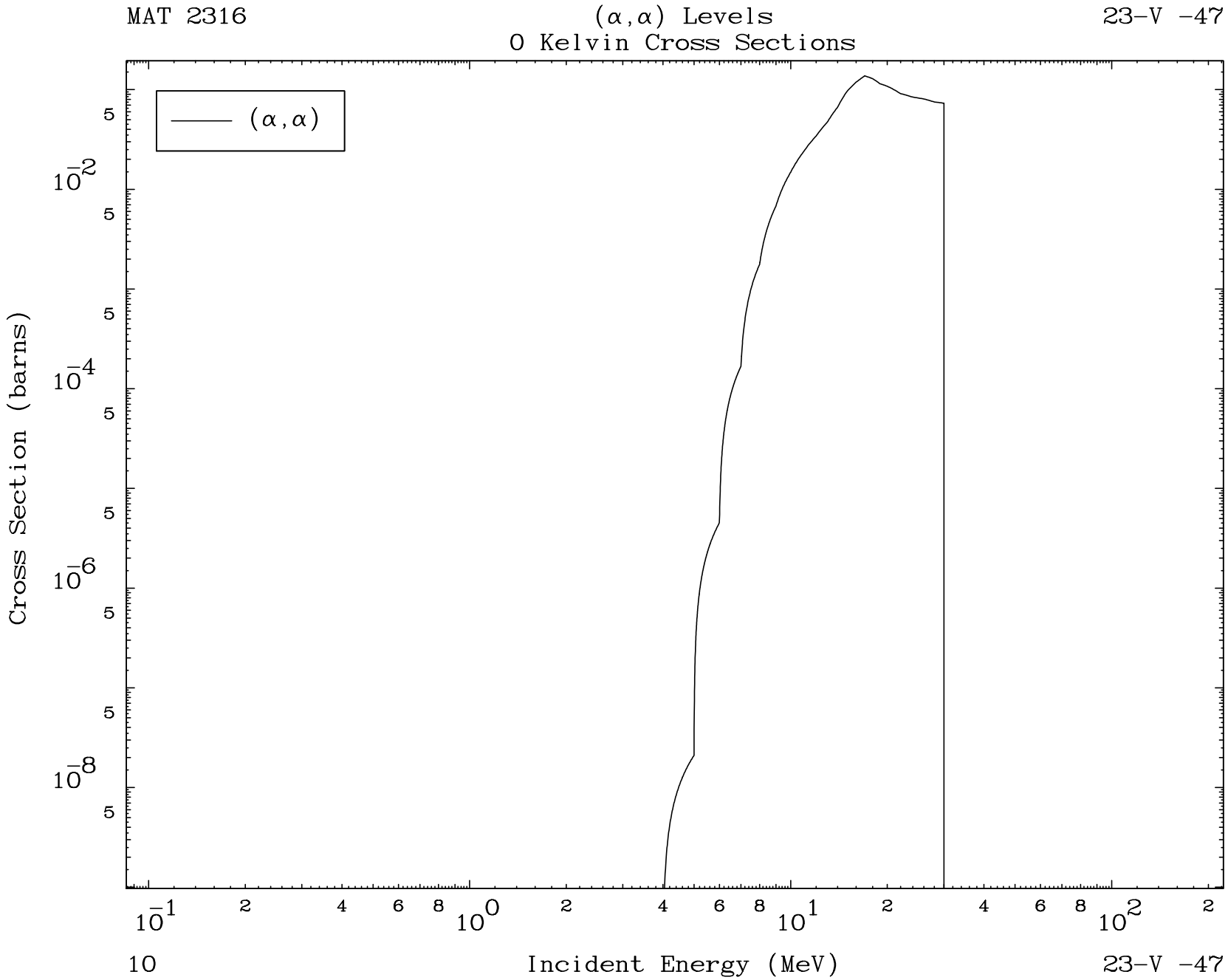

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)

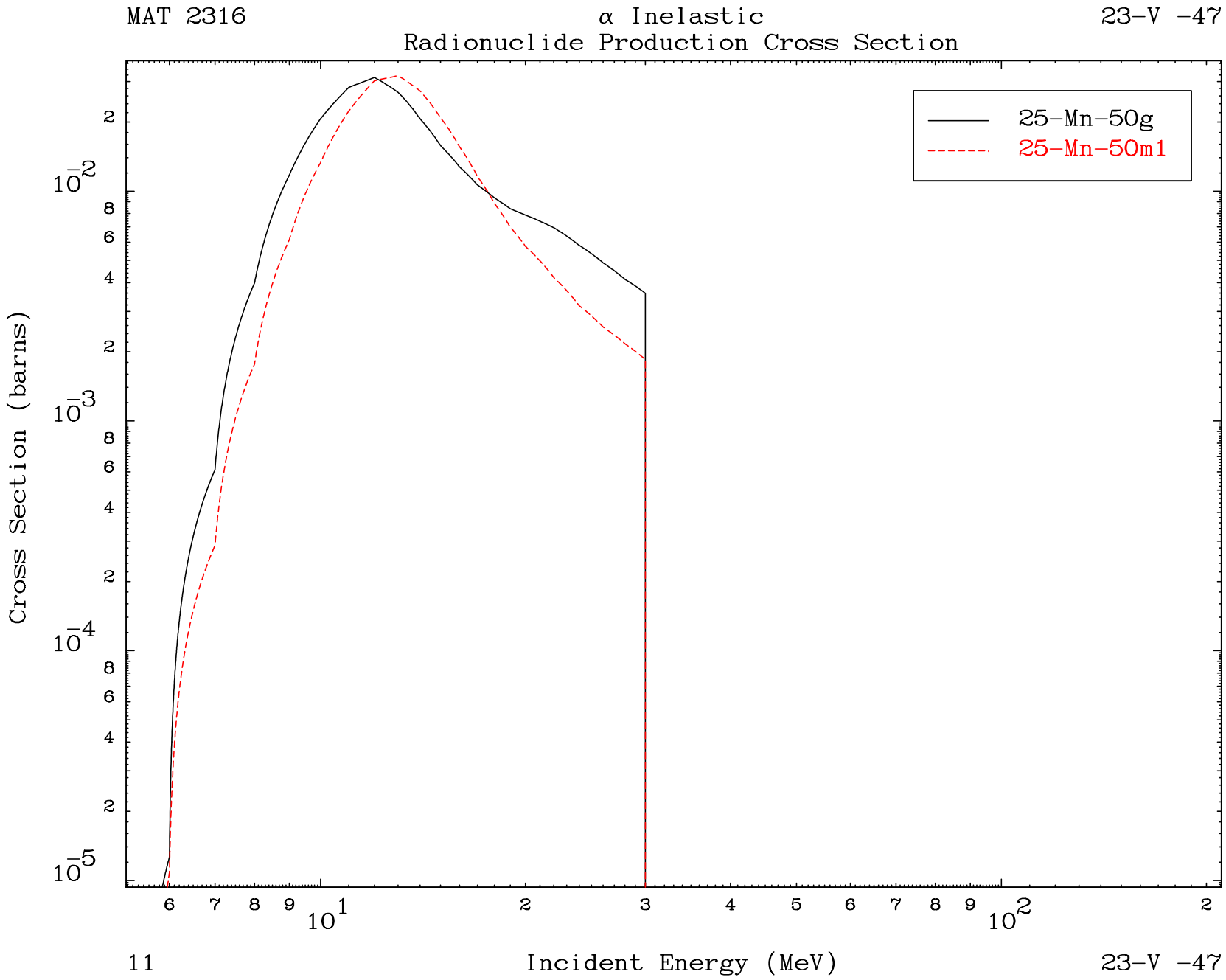

MAT 2316
(α,d) Levels
23-V -47
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
23-V -47
7

0 Kelvin Cross Sections




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


MAT 2316
(α,α) Levels
23-V -47
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
23-V -47


MAT 2316
α Inelastic
23-V -47
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
Incident Energy (MeV)
11
23-V -47