ArgoQt

"Progress" and plans for the next 2 weeks

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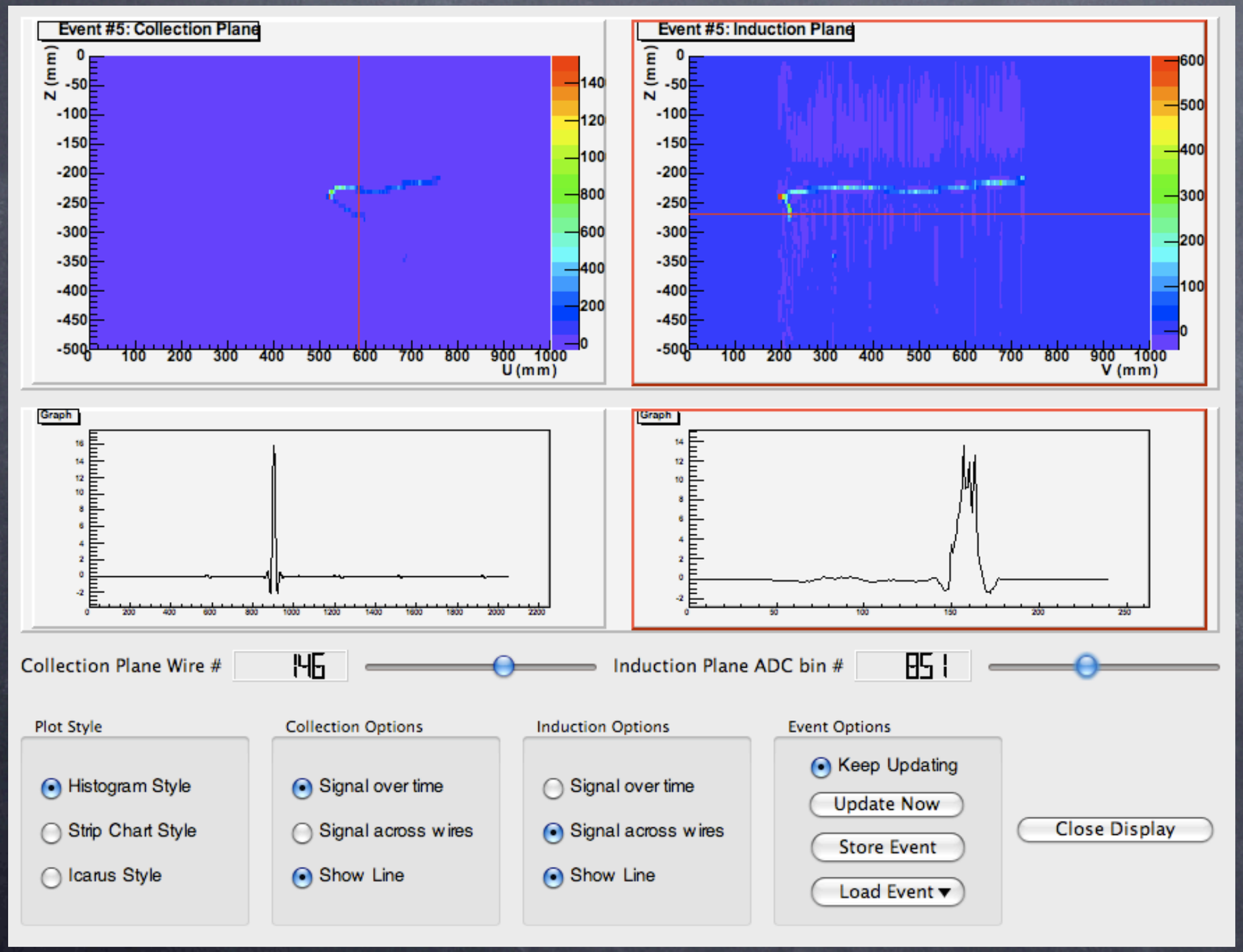
Current Capabilities

(should be "alpha")

- Event Display
- Monte Carlo Truth Display
- Very, very basic event "reconstruction"
  - Focusing on Muon tracks (stopping)
  - 3D representation

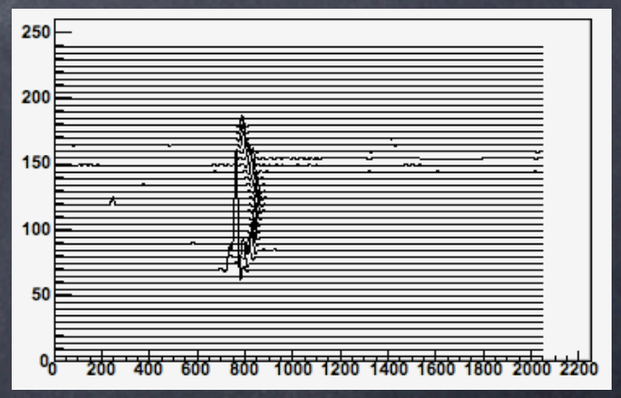
Event Display



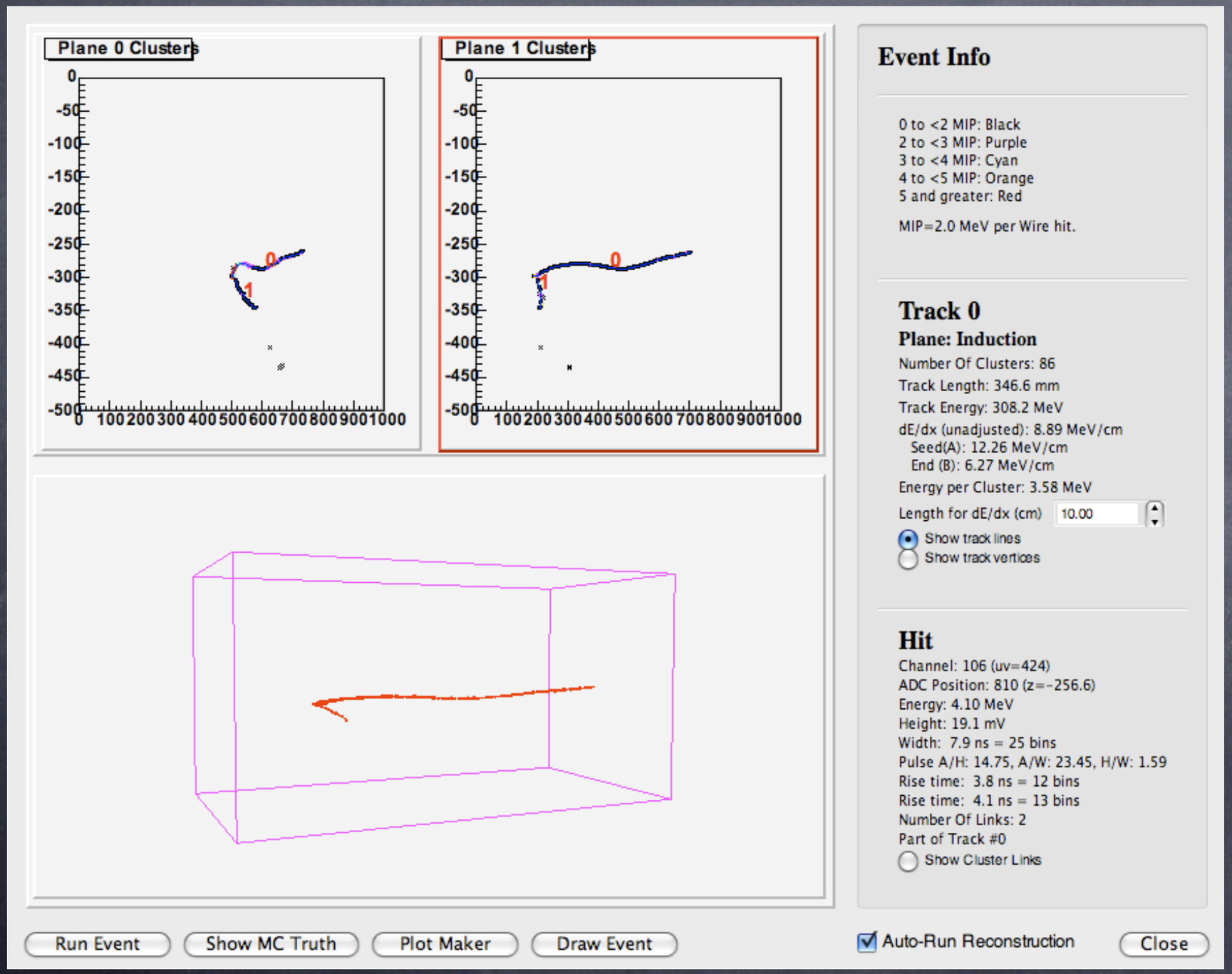
Stopping Muon event:
Muon decays into electron, neutrinos

(Partial) To do list:
-Store/Load previous events
-Save plots to file
-Mark where hits are
-Suggestions?

Example of
Strip-Chart style plot



Reconstruction Display



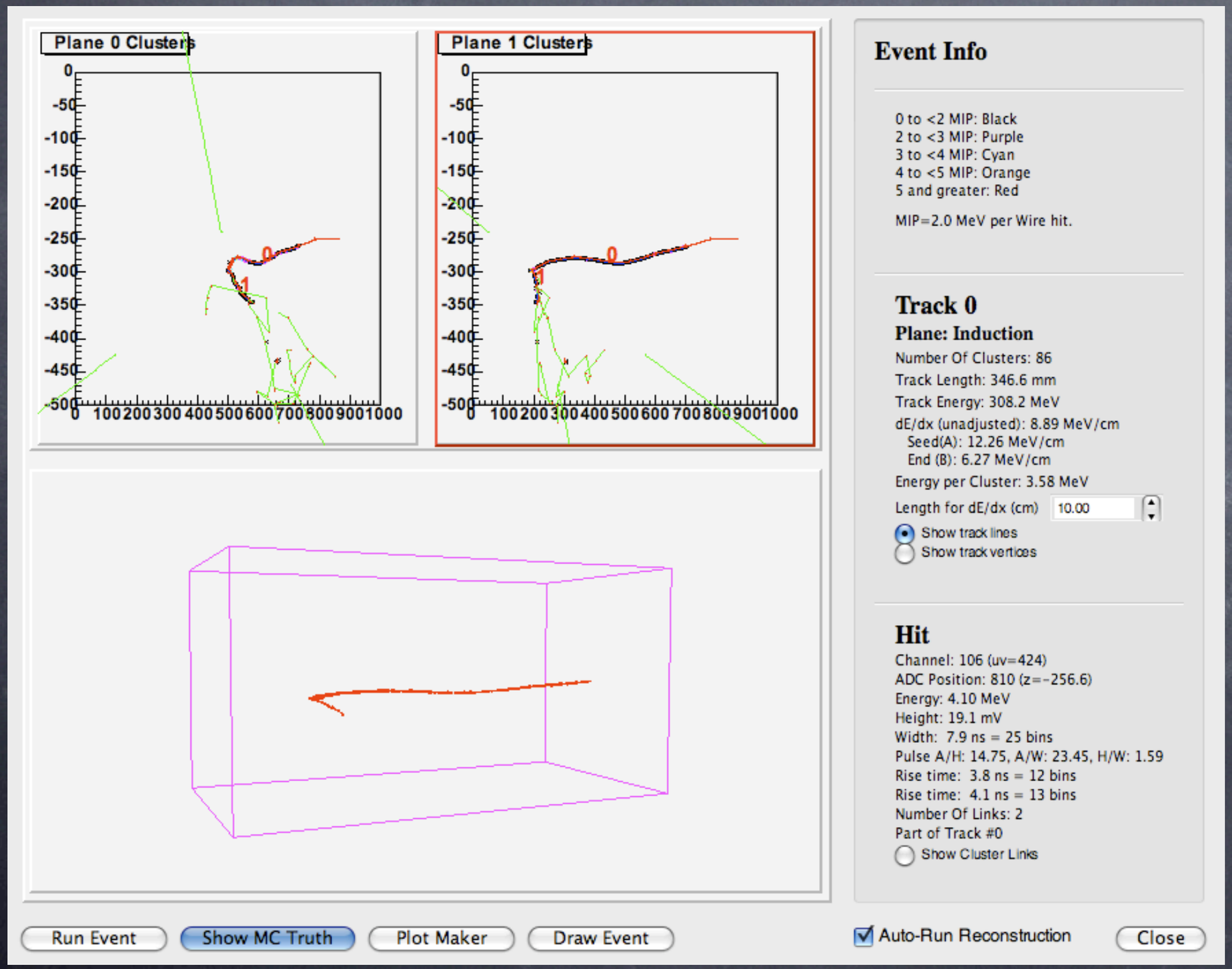
All objects in 2d plot are clickable -- Displays info.

Currently focusing on stopping muons in order to be ready for first tests.

Extract info. for things like energy calibration or generating hit shape library

Some of to do list (lots):
-Only the beginning of an auto-reconstruction
-Hand-scan tools
-More info Widgets

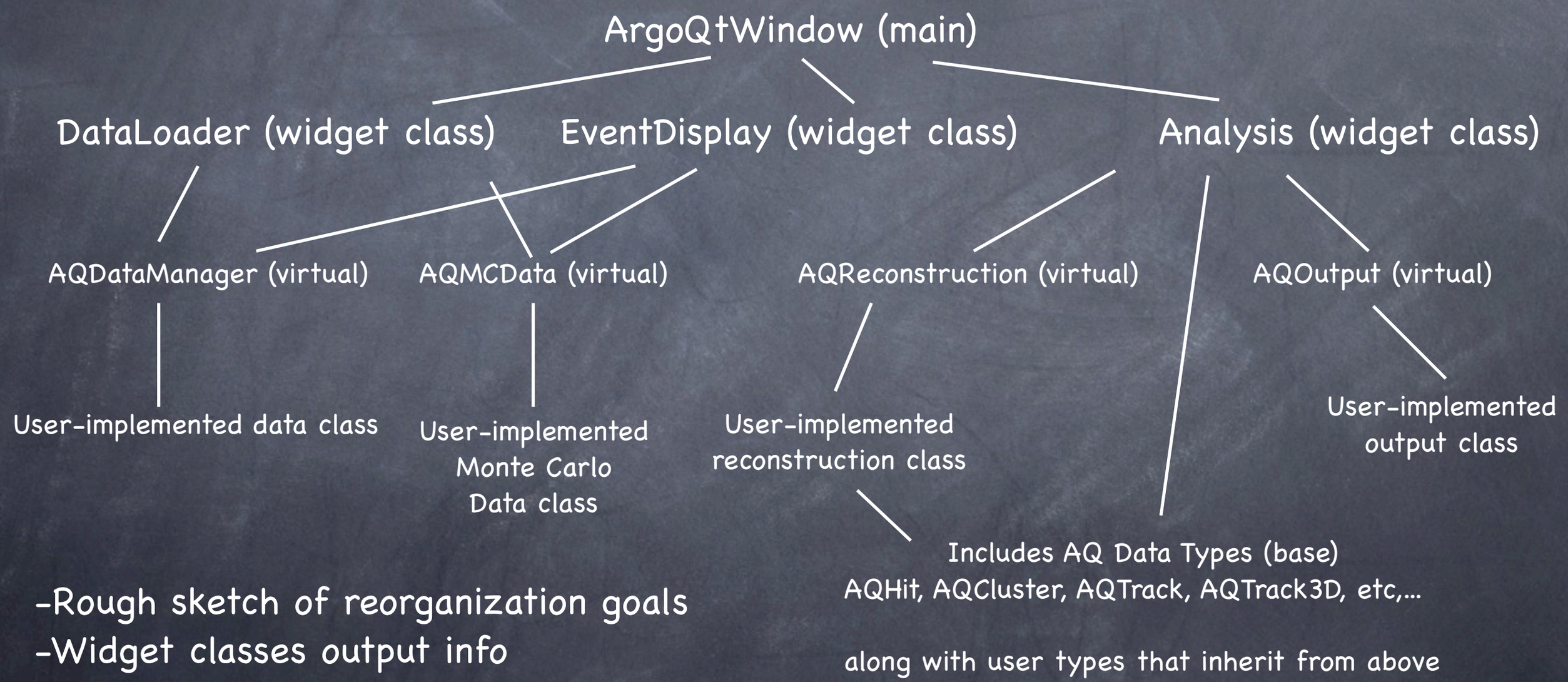
MC Truth Display



Goals for next 2 weeks

- Debug!
- Clean up code (messy/inefficient)
- Add lots of comments
- Restructure code so that modules can be easily added/modified
- get ready for muons?.....

Reorganization



-Rough sketch of reorganization goals
-Widget classes output info
using functions in virtual classes that
user must implement