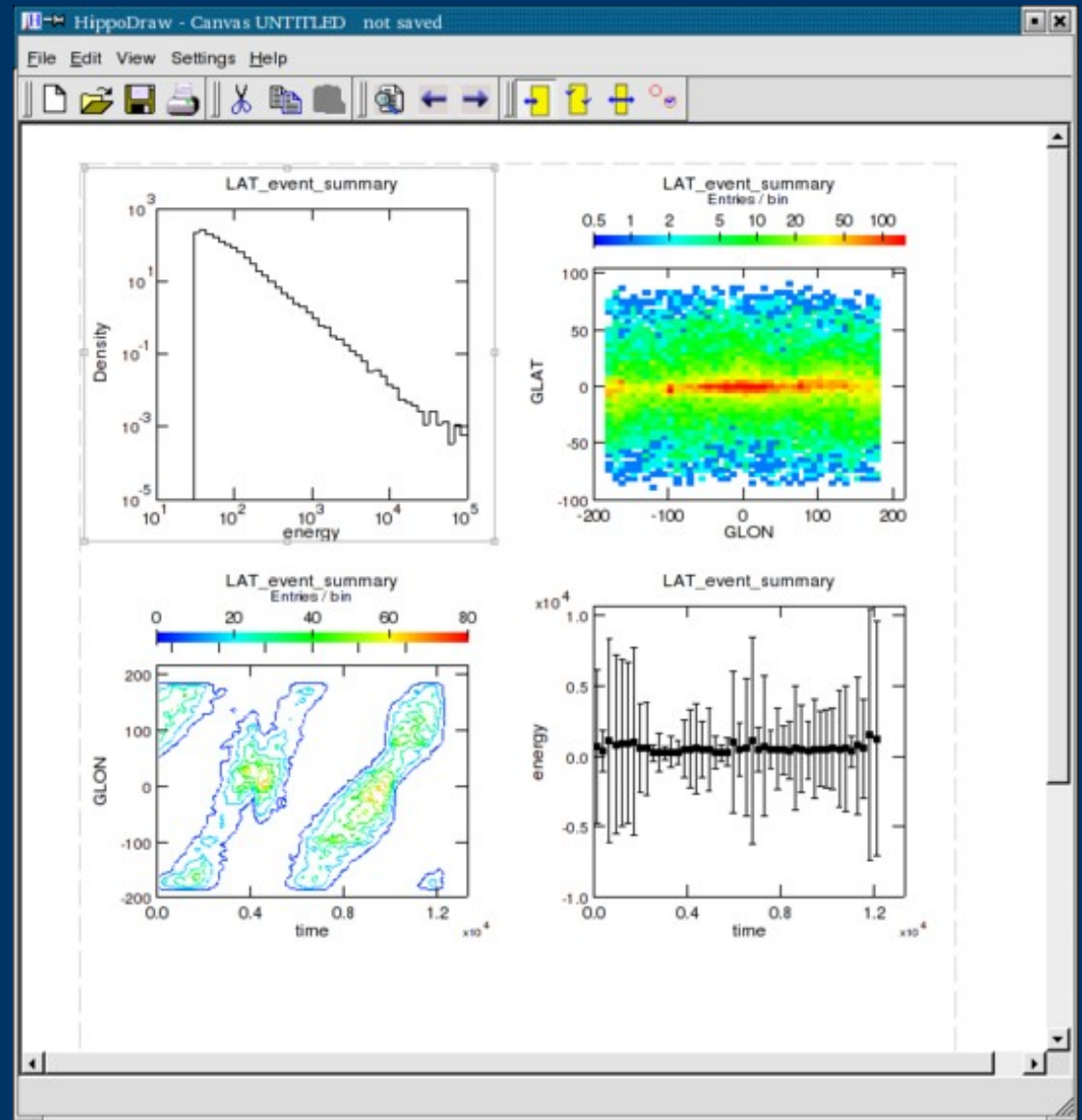


HippoDraw

Paul F. Kunz



HippoDraw

- Cross platform: Linux, Mac OS X, Windows
- Interactive controls
- Scripting with Python
- Numerics in Python with numarray
- Files:
 - Plain text (R/W)
 - FITS (R/W) image or tables
 - ROOT (R) tables (TTree with POD)
- <http://www.slac.stanford.edu/grp/ek/hippodraw/index.html>

Python

- Python® is a dynamic object-oriented programming language that can be used for many kinds of software development. It offers *strong support for integration with other languages and tools*, comes with extensive standard libraries, and can be learned in a few days. Many Python programmers report substantial productivity gains and feel the language encourages the development of higher quality, more maintainable code.
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Python + numarray

- Numarray provides array manipulation and computational capabilities similar to those found in IDL, Matlab, or Octave. Using numarray, it is possible to write many efficient numerical data processing applications directly in Python without using any C, C++ or Fortran code (as well as doing such analysis interactively within Python).
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