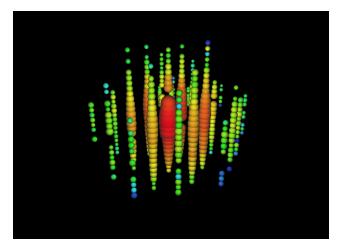
Steamshovel : an IceCube event viewer Making pretty pictures!

Steve Jackson

IceCube Collaboration Meeting 9 May 2013

Steamshovel

A graphical tool to visualize and explore IceCube data.



Steamshovel features

- High-quality visual output, suitable for publication and outreach
- Can include Matplotlib plots
- Scriptable with Python
- Easy to add new types of visualization
- Runs on OSX and Linux, reads .i3 data files

When is it coming?

Work started on Steamshovel after the Aachen meeting.

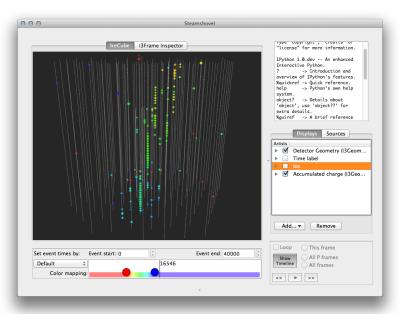
- Today: brave alpha testers
- Early summer: beta test, code review

I will make Steamshovel available as an OSX application as soon as practical.

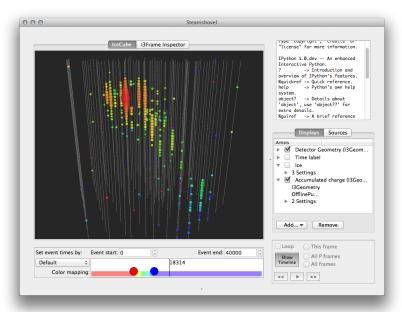
How to learn more?

- Listen on dataclass @ icecube.wisc.edu
- Check out http://code.icecube.wisc.edu/svn/ sandbox/sjackso/steamshovel

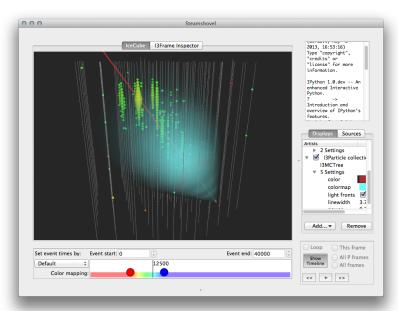
Simple muon visualization



Simulated data



Simulated data with Cherenkov cone



Big Bird

