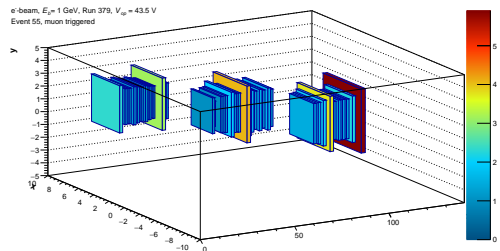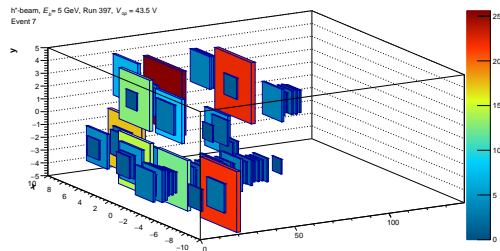# Event display for LFHCAL

Ewa Glimos, UTK, ORNL
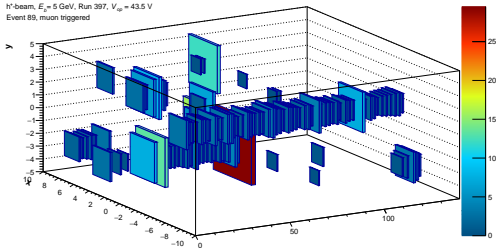February 12, 2025

Event display for LFHCAL

- simple event display implemented within the LFHCAL software framework
- plots single event for 2024 test beam geometry
- color and size proportional to the deposited energy
- can be run using the script as

  ```
  bash runEventDisplay_2024.sh $USERNAME
  $BEAM_TYPE $EVENT_NUMBER $HOW_MANY_EVENTS
  $MUON_TRIG
  ```
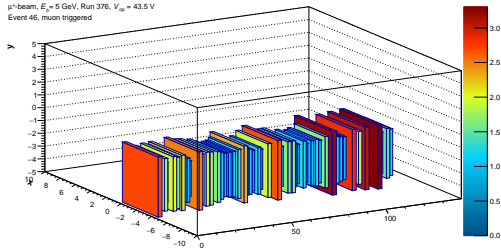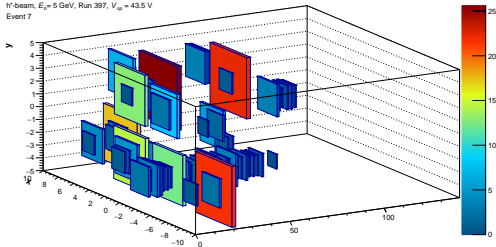
Event display for LFHCAL
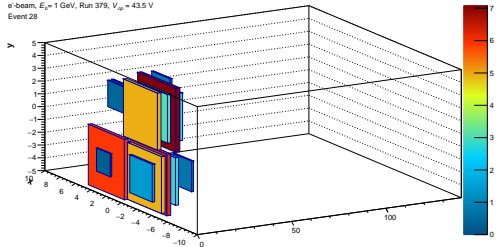
- when plotting multiple events at once (more than 100), some of the plots are not colored
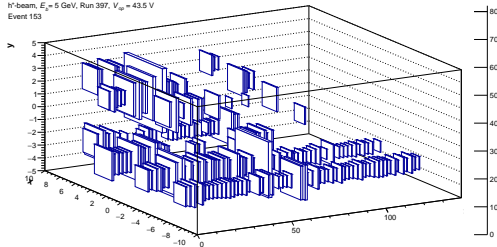- bug not reproducible when plotting the events separately, or only partially colored
- looks like a memory leak somewhere, but I failed to find it - maybe someone encountered it before, and knows the solution?