

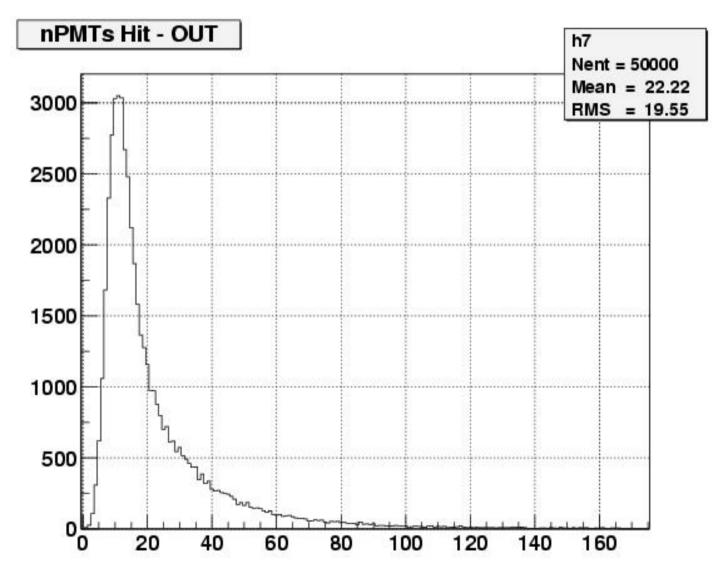
•Goals:

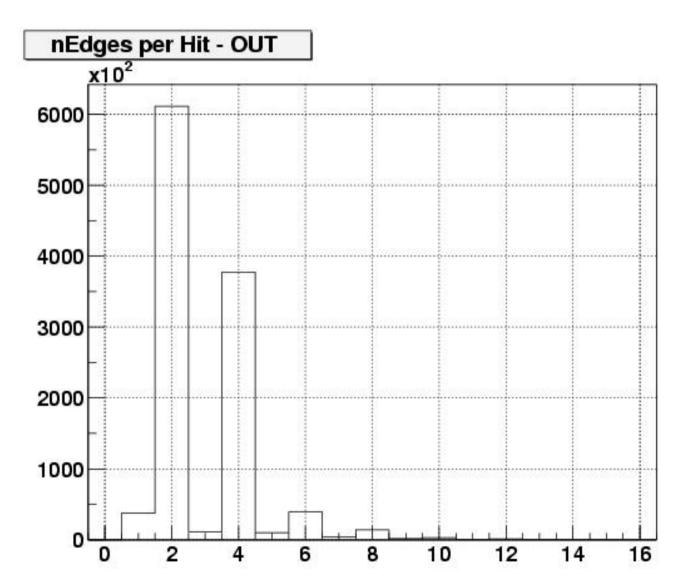
- Hardware status
- Sample events and distributions
- Outstanding problems and issues
- Solutions?

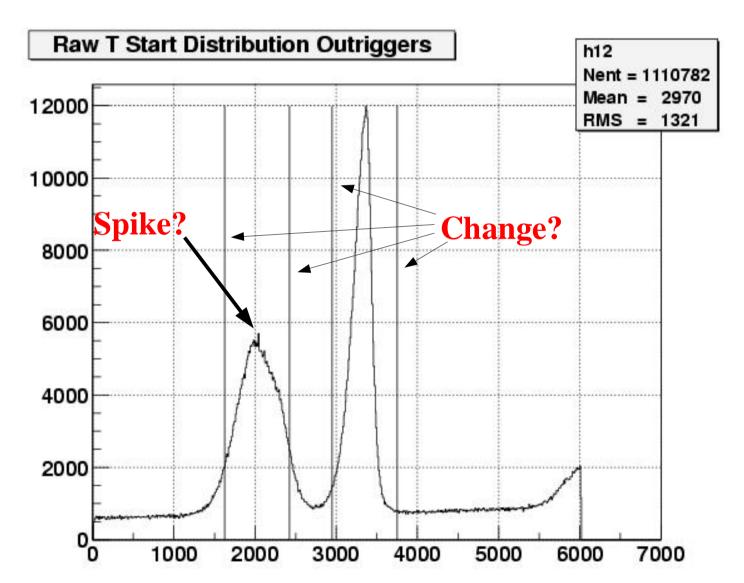
•Hardware Status:

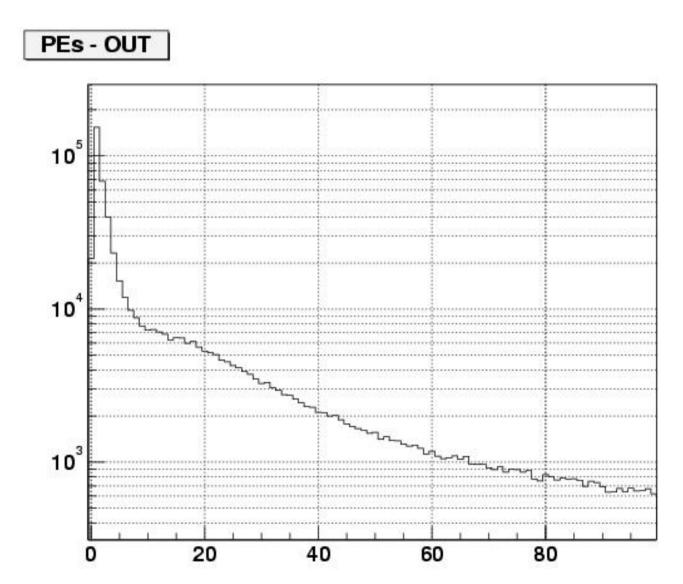
- All but 5 tanks have pmts installed (week or two to finish)
- All have fibers (some still need connectors)
- Few have ~ 100 K light leaks
- Few more need light sealed so cover can be removed
- 1 has dead FE board channel (69)
- 1 low impedance (41) (critter chewed cable)
- Split 16 pmt patch into two 8 pmt patches
- One tank needs water outlet fitting (83)

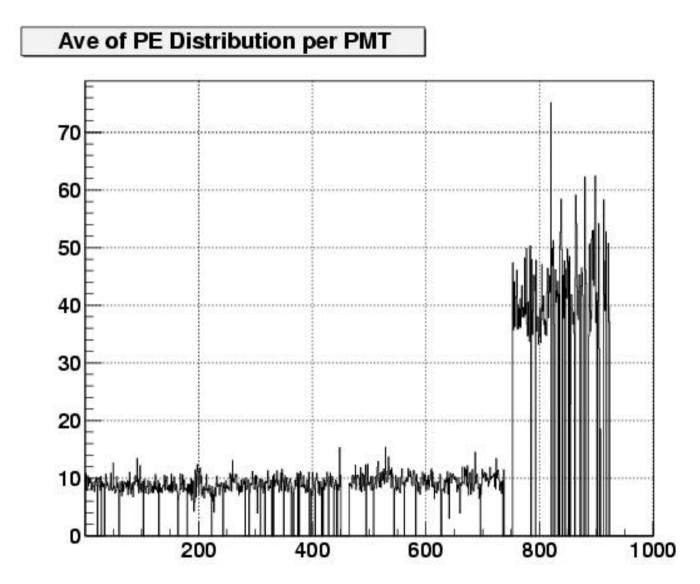


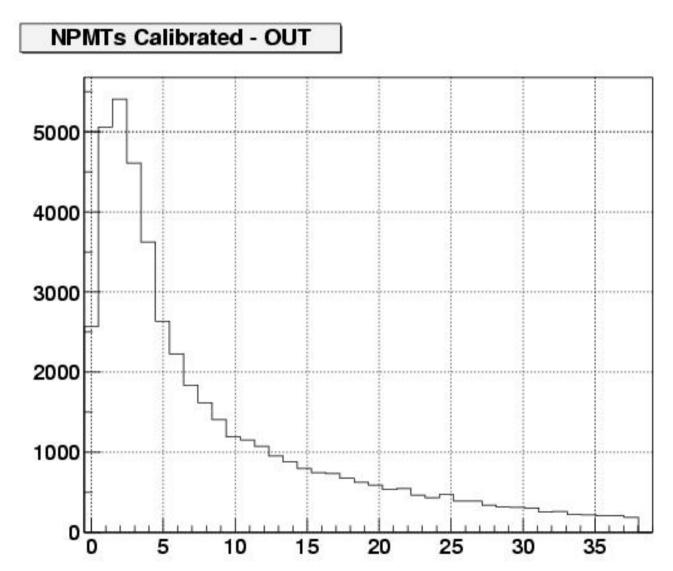




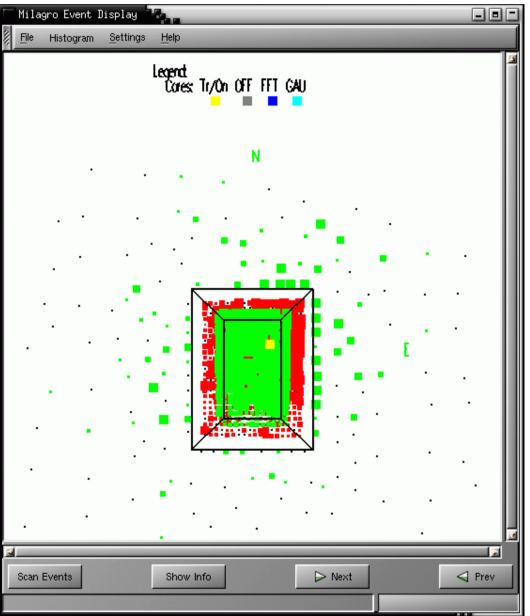




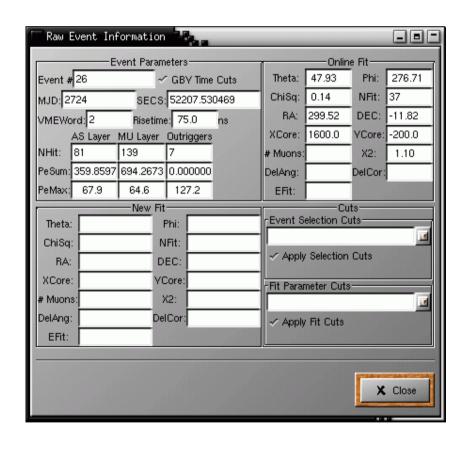


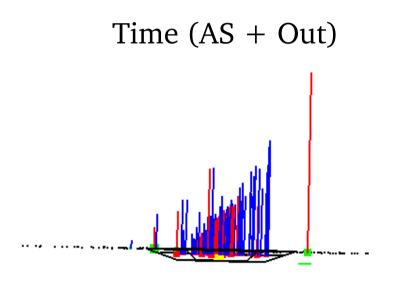


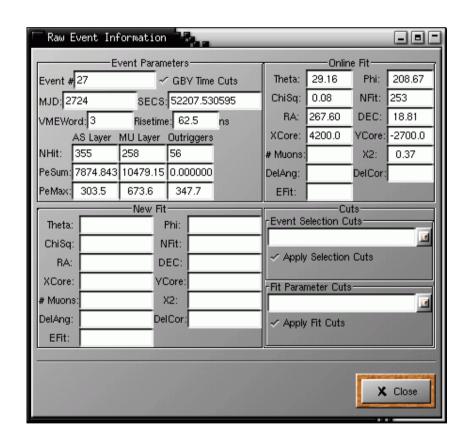
•Sample events and distributions:

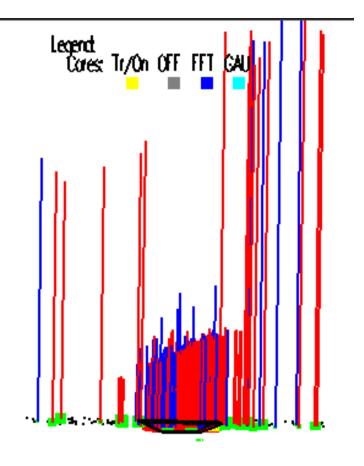


Contained Event?



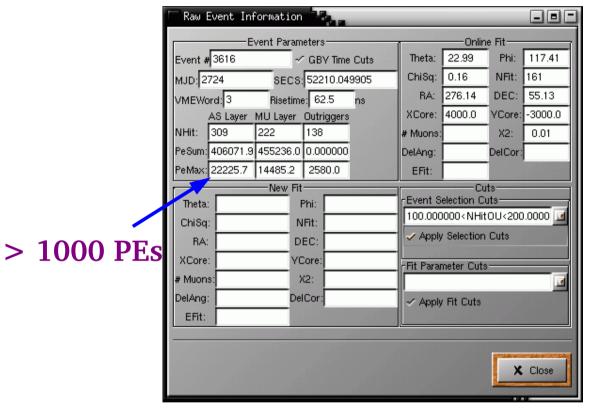


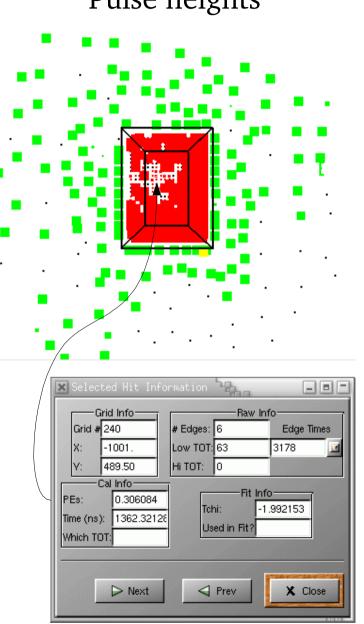




Lever Arm?

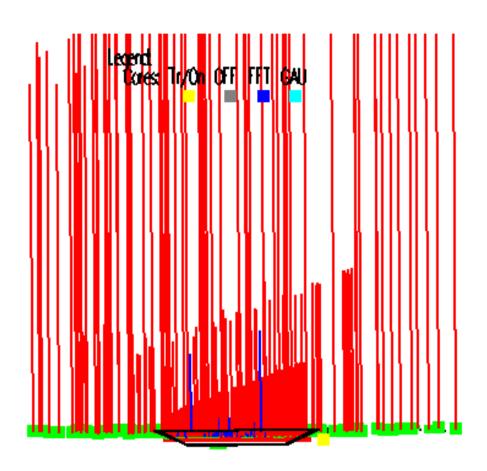
•Sample events and distributions: Pulse heights





•Sample events and distributions:

Same event timing



•Outstanding problems and issues:

- Hardware
 - Stability of optical fibers?
 - To cover or not to cover? (Ice? Heating? aging of covers?)
 - Stability of water quality?
 - High internal air pressure? (produce light leaks?)
- Calibrations
 - How to get them quickly?
 - Pulse heights? (laser? adc?)
 - Timing (Peds?, slewing?)
 - How often must we calibration? (Stability?)
- Software?

Solutions?