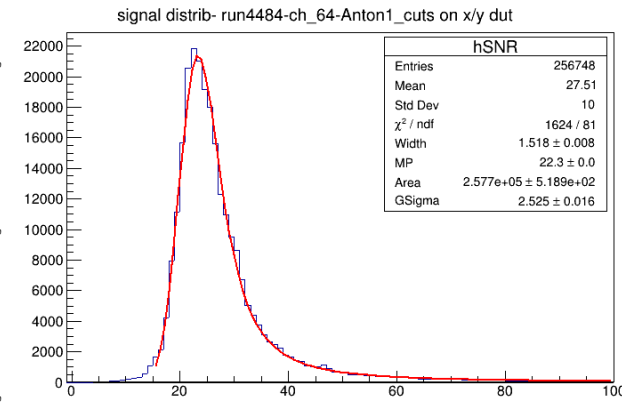
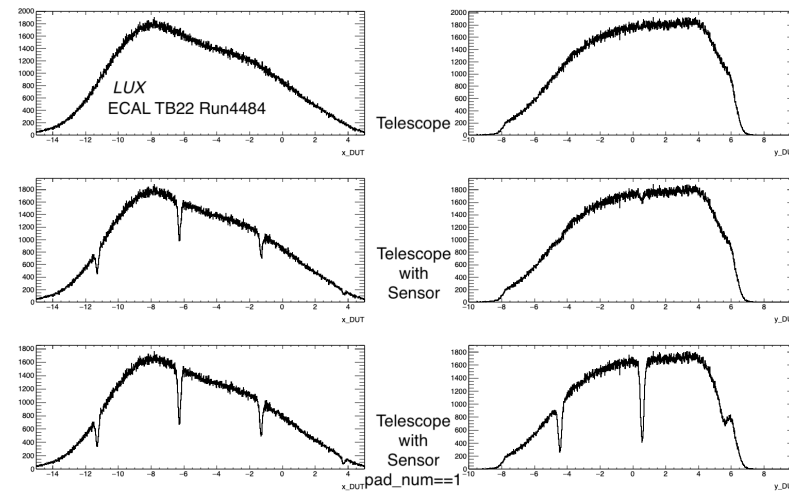
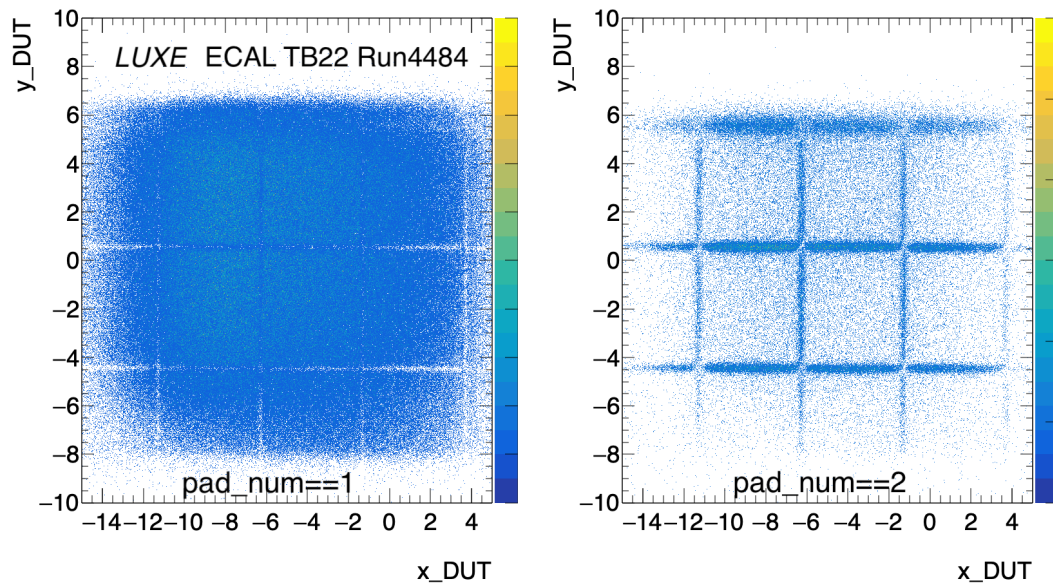


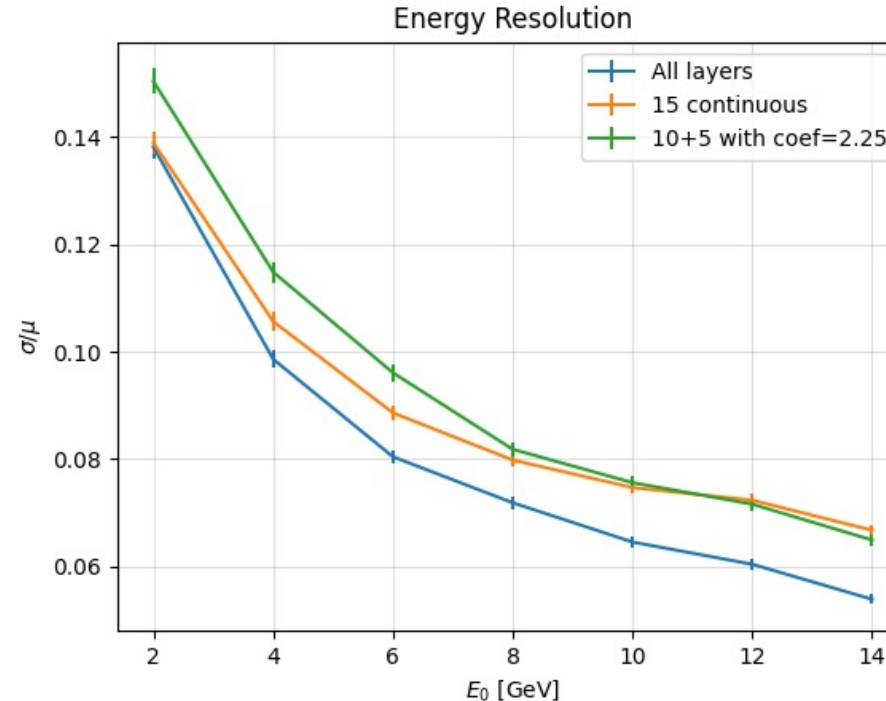
TAU ECAL-P STATUS, 12/2022

- TDR
 - Background estimates in progress – 2 bunches generated
 - build 1 bunch from subdivisions of the “n” bunches that will be available
 - Do we update test results?
- September 2022 tests
 - telescope alignment by Shan – run by run in progress (Shan’s contribution)
 - production of “complete simplified root files” – being tested



TAU ECAL-P STATUS, 12/2022

- ECAL-P optimization from 20 to 15 sensor layers
 - Tested 10 (1X0) + 5 (2X0), and 15 (1X0) – performance deteriorates (see Michal's contribution)
 - Will test combinations like 11 (1X0) + 3 (2X0) + 1 (3X0) and 12 (1X0) + 2 (2X0) + 1 (3X0)



- Reconstruction
 - position reconstruction of single showers with NN – great results with bad generalization!!!
 - revisit clustering – consider quantum computing

- Hardware activities
 - Setting up Krakow readout – in progress
 - Conductive glue – Adrian
 - Production of PCB for Adrian
 - Ordering probe card for CALICE geometry
 - Order of 320 μm CALICE sensors awaiting decision (and funding)