

# First Look @ Alt sPHENIX Spacal w/ Perfect Light Collection

Justin Frantz - Ohio University

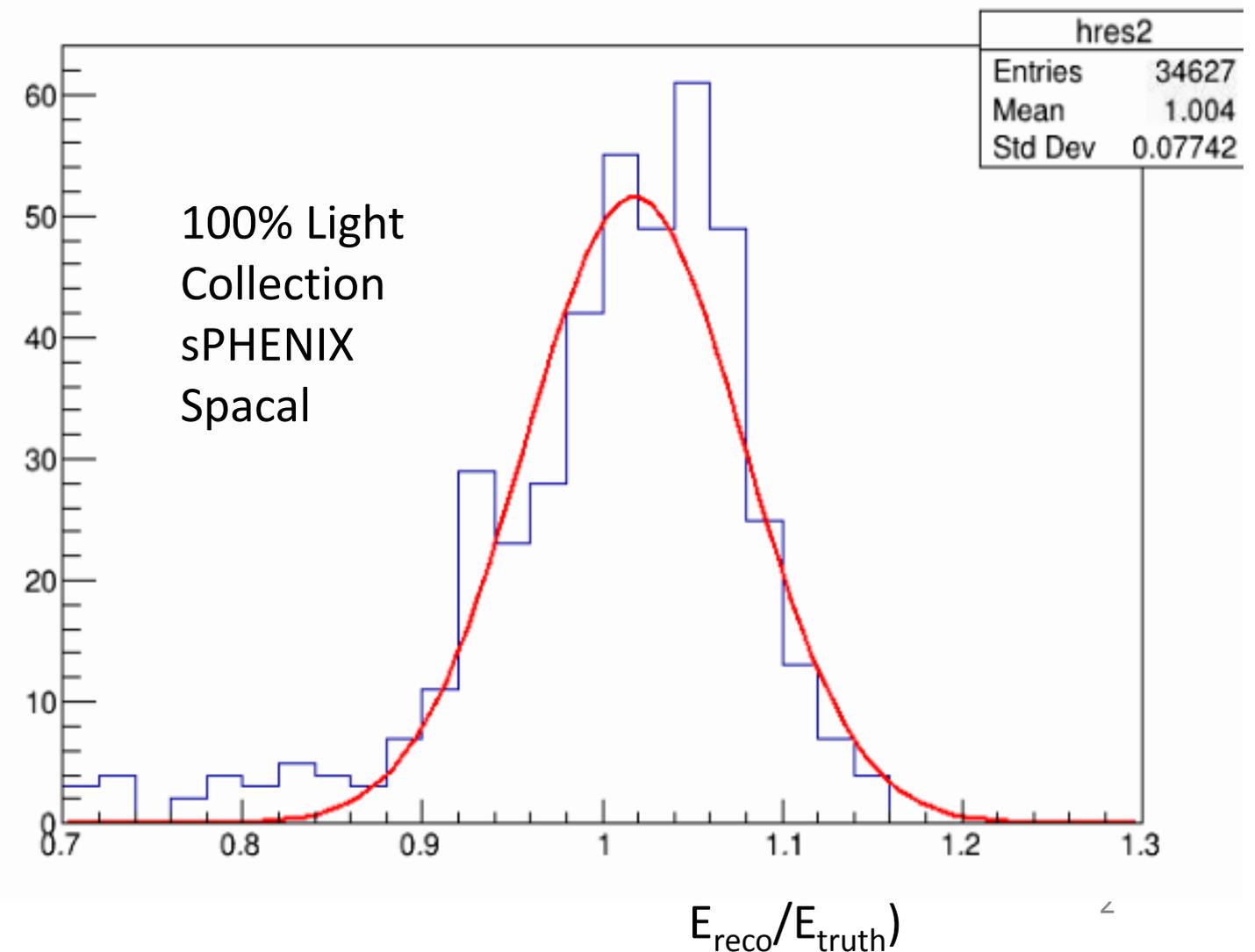
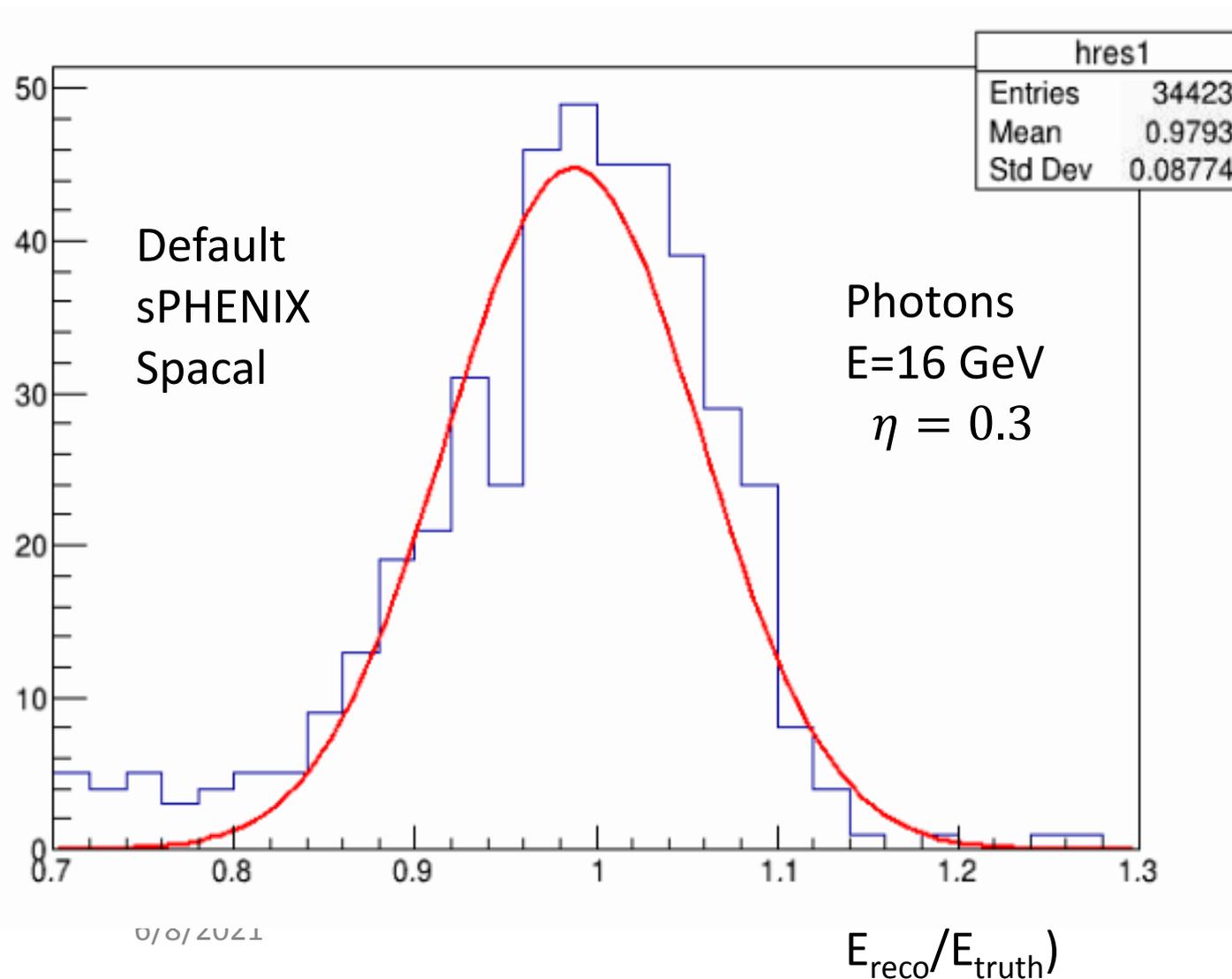
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ECCE Calorimetry WG Meeting



# Intro

- Changed the light collection percentage of the sPHENIX Spacal to size of improvement of perfect (100%) light collection to current (~23%?)
- First look, still checking. Currently done w/ sPHENIX build, macros. Expect it to be easy to transfer to the ECCE build/macros (which one? define a new one?)



# First Look Resolution

- Need to run more statistics/energy points to get good resolution fit (need condor?—running on SDCC ) - below two parameter  $\sqrt{E} + \text{const}$  fit
- For now throwing only small eta range (0.3,0.31)
- Resolution shows expected improved behavior qualitatively for now

Resolution

