

## **SFIL 1--4 South max\_adc: All valid entries**

Input: /Users/hklest/Desktop/opencode/TestBeam/root\_analysis/kcu0\_run3089\_0000\_baseline4\_paddles\_waveforms.root  
Total waveforms: 618819.

Selection formula: South All = valid South max\_adc, where valid means finite and not -999. There is no North tag and no South-signal selection. No trigger-paddle class is applied or used; trigger branches are intentionally not read for this presentation path.

Each channel is an independently normalized unit-area density over its plotted valid entries. Common robust South range: [-22.62, 73.88] ADC. Bin width: 0.25 ADC; bin centers are lattice aligned.

# SFIL 1--4 South: valid max\_adc only (no trigger-paddle classification)

