

# FastDRIC update:

VERY preliminary numbers on reconstruction  
for 2019-11

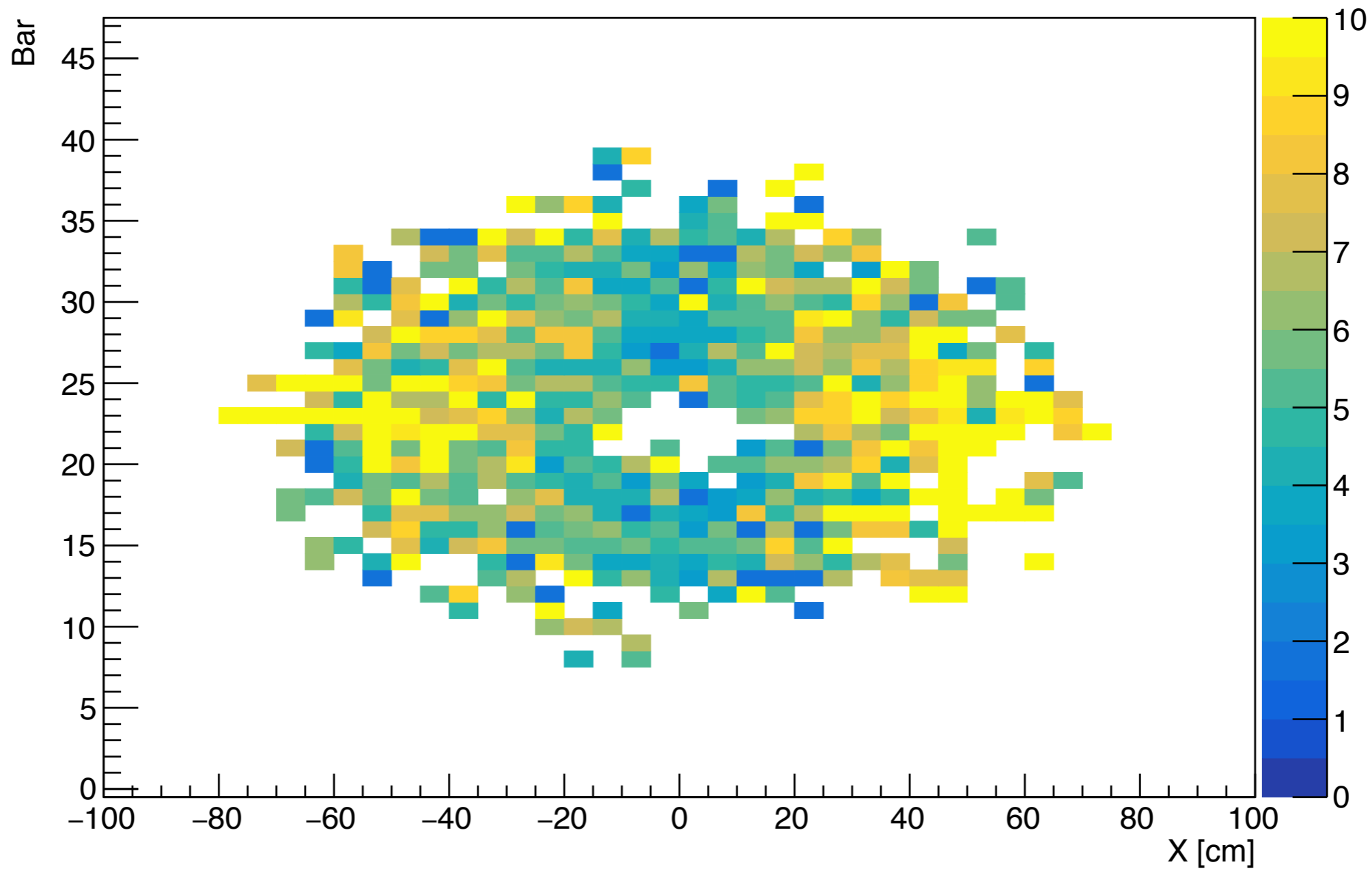
Yunjie Yang  
January 14, 2020

# Dataset: ver01

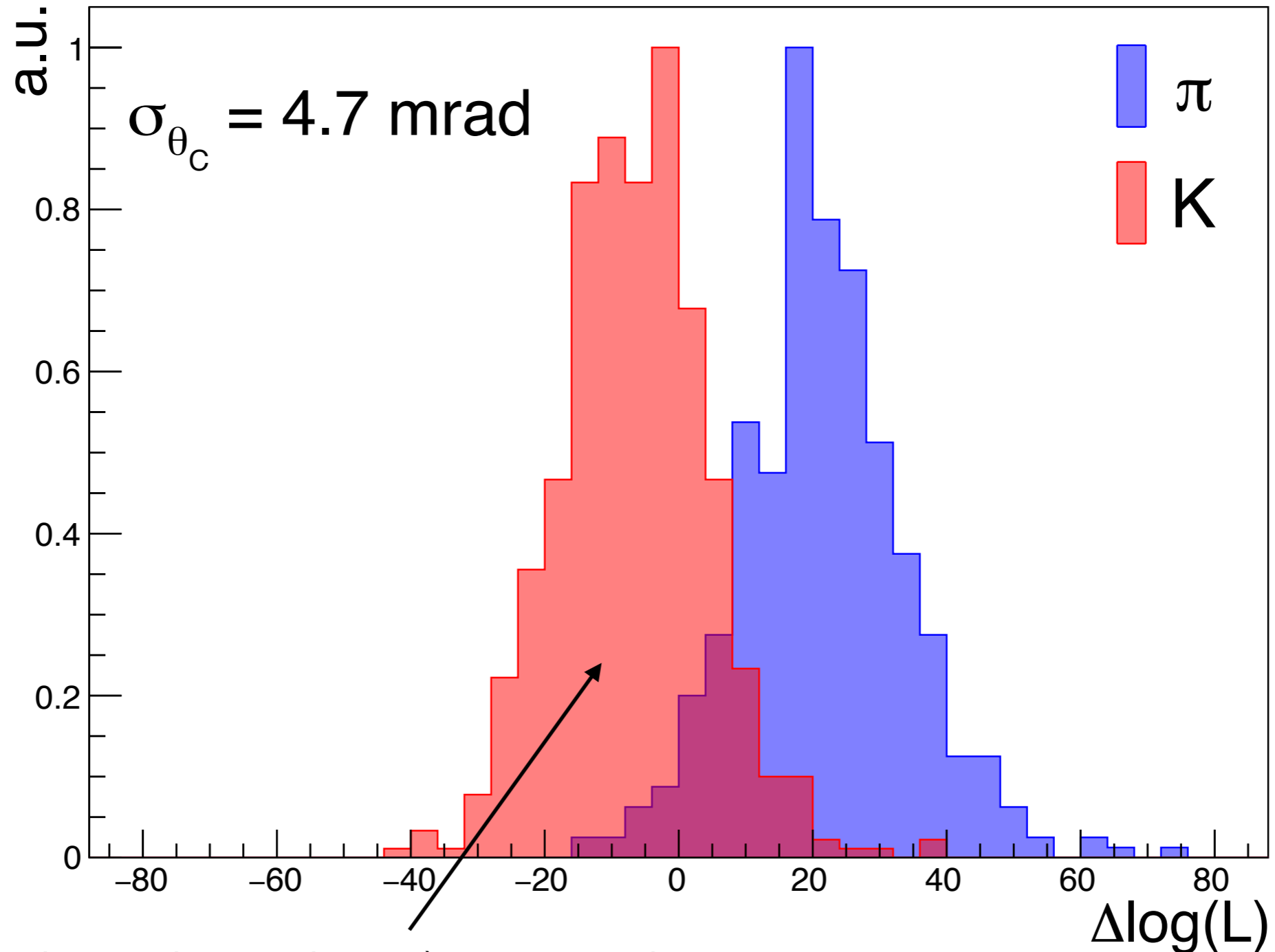
- /volatile/halld/home/gxproj7/RunPeriod-2019-11/dirc\_monitoring/ver01/hists/merged/
- Produced with dirc\_tree plugin:  $\rho, \phi$  + track selection
- Using parts of runs 71028 — 71228
- Better calibration from both DIRC and other detectors compared to ver00
- Track selection: **(2.9, 3.1) GeV** (+  $\rho, \phi$  mass and track quality selection)

with default reconstruction “knobs”  
but without arbitrary time smearing

Resolution Map [mrad]



# Selected “good” region in BB01



DLL(pion\_hypo-kaon\_hypo) centered at negative value for kaons after kaon timing fix

# Resolution [mrad] vs Bar Number

