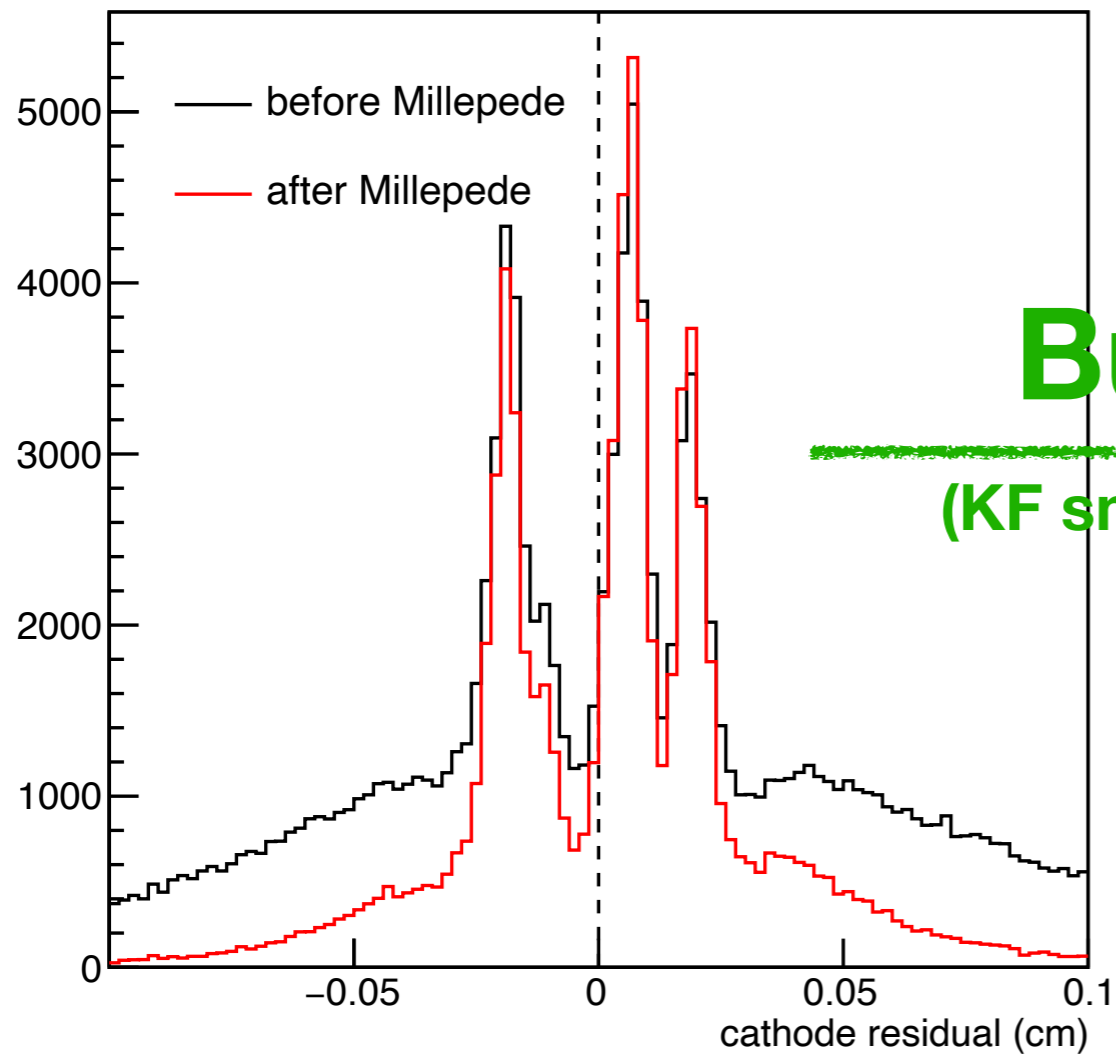


FDC Cathode Residual

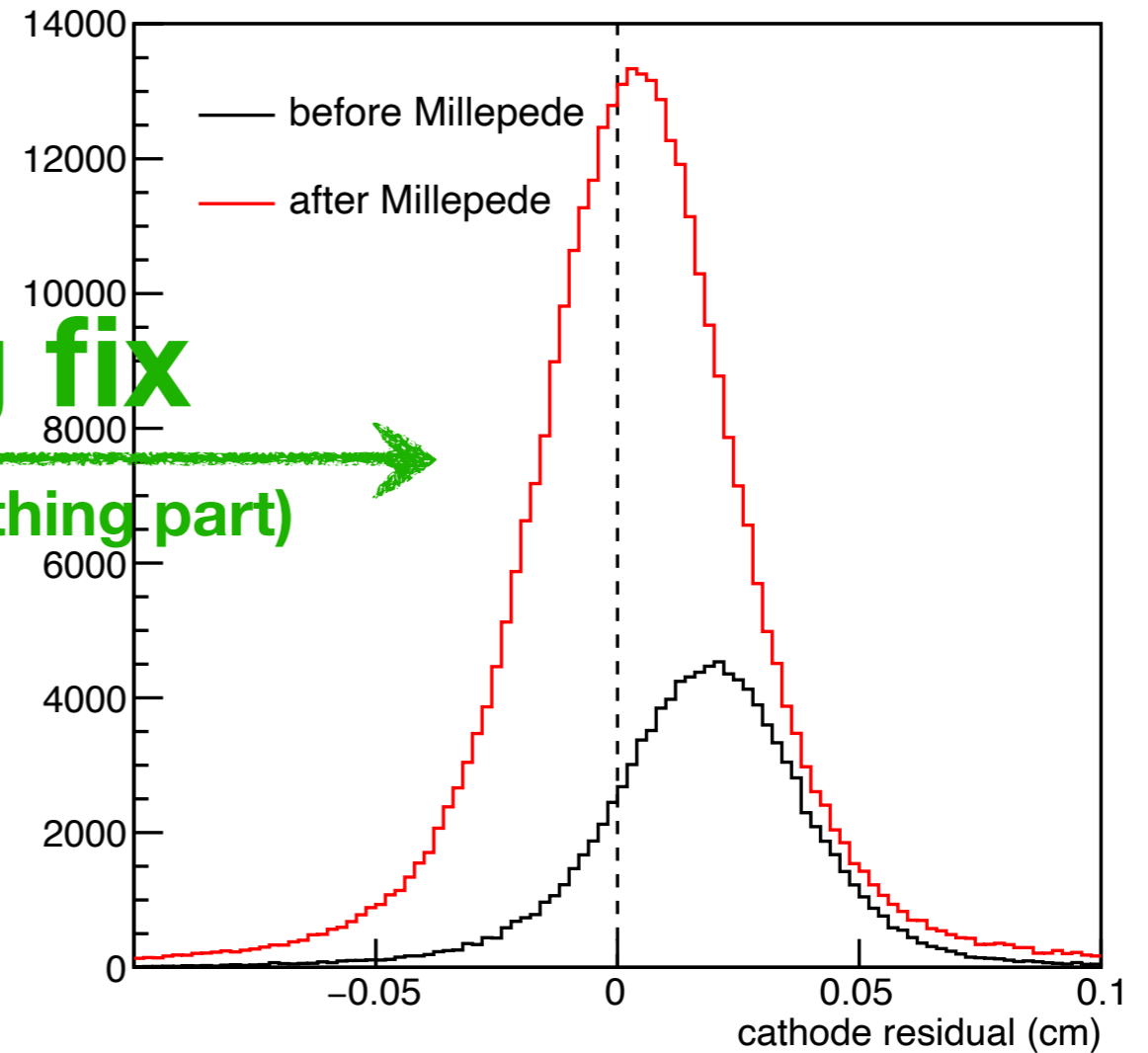
Run040487 (2018 Jan, straight track run for FDC)

FDC Plane 24



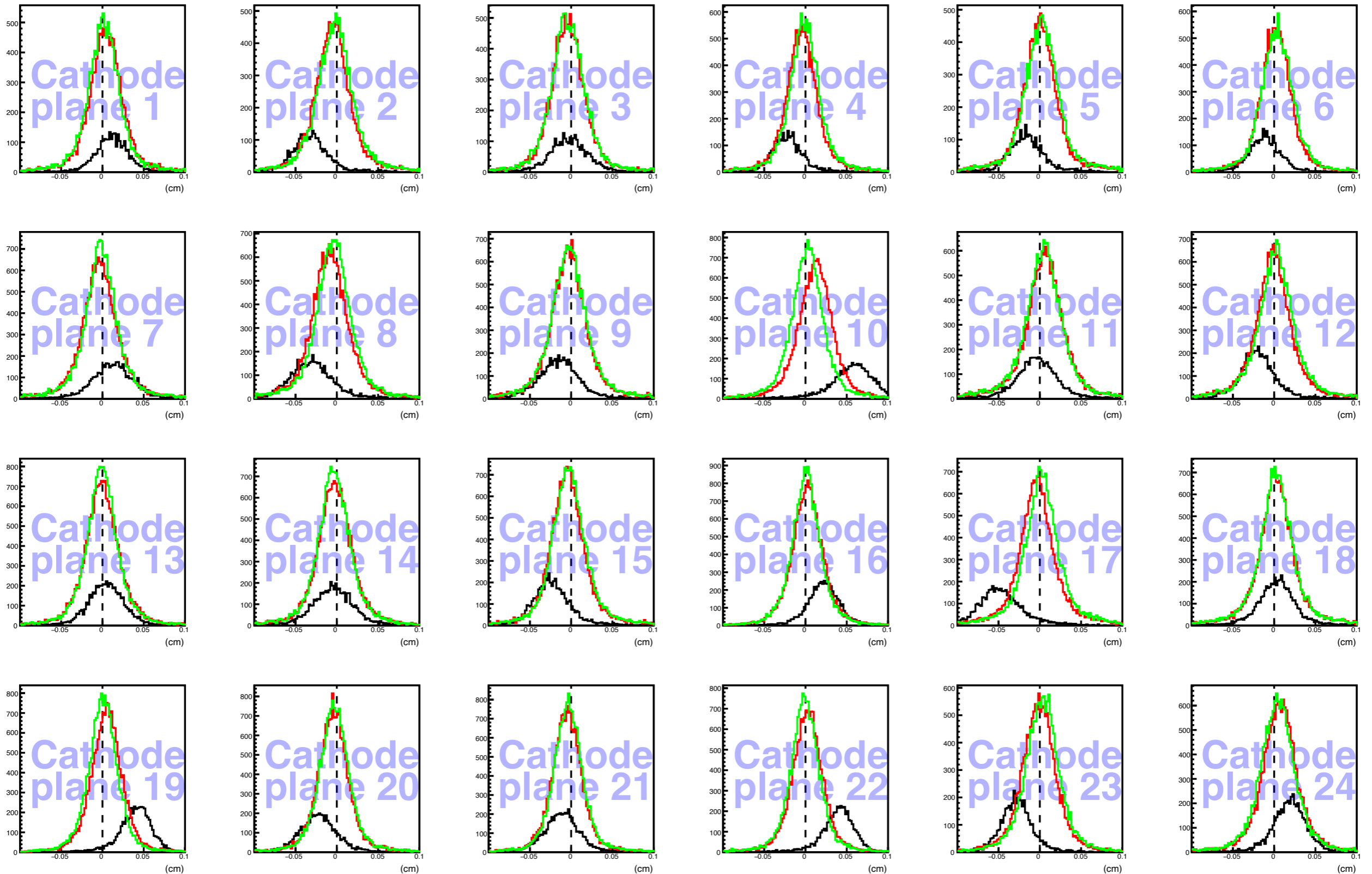
FDC Plane 24

Bug fix
(KF smoothing part) →



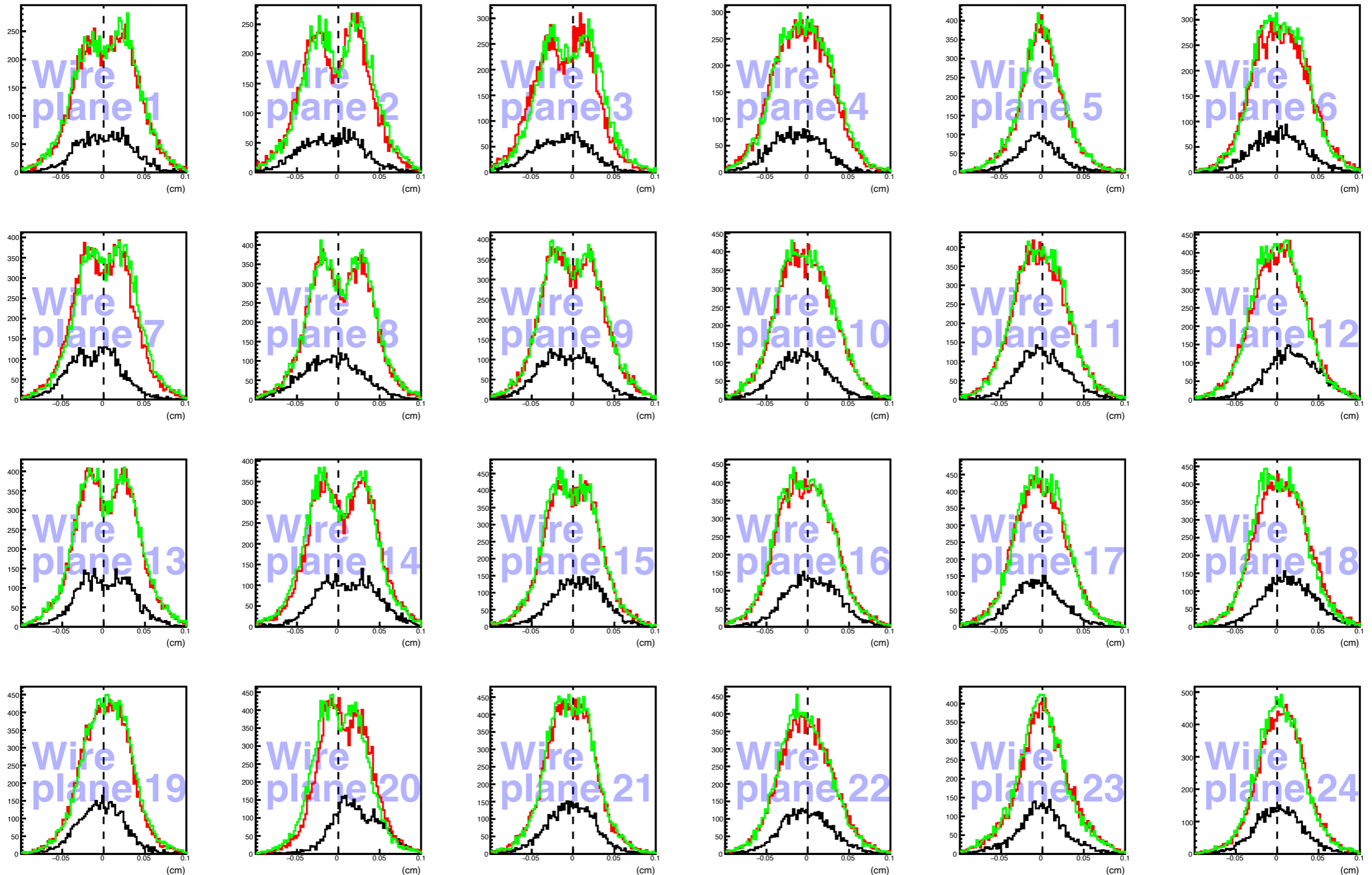
Cathode Residual

— before Millepede alignment
— after Millepede alignment
— after Millepede alignment (2 iterations)



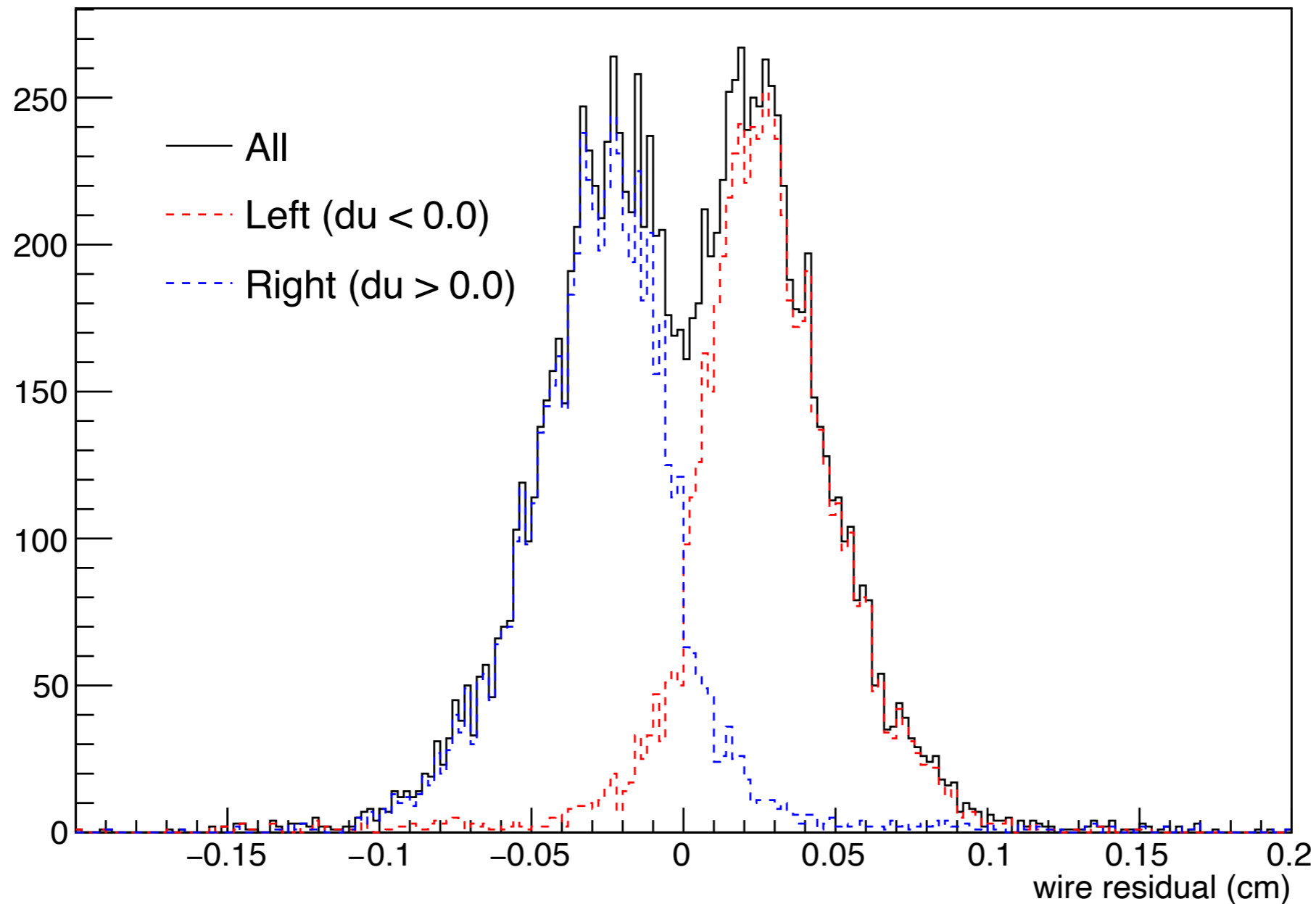
Wire Residual

— before Millepede alignment
— after Millepede alignment
— after Millepede alignment (2 iterations)



Wire Residual (Plane 2)

FDC Plane 2, wire residual



Left-Right mis-selection makes the two-peak structure.

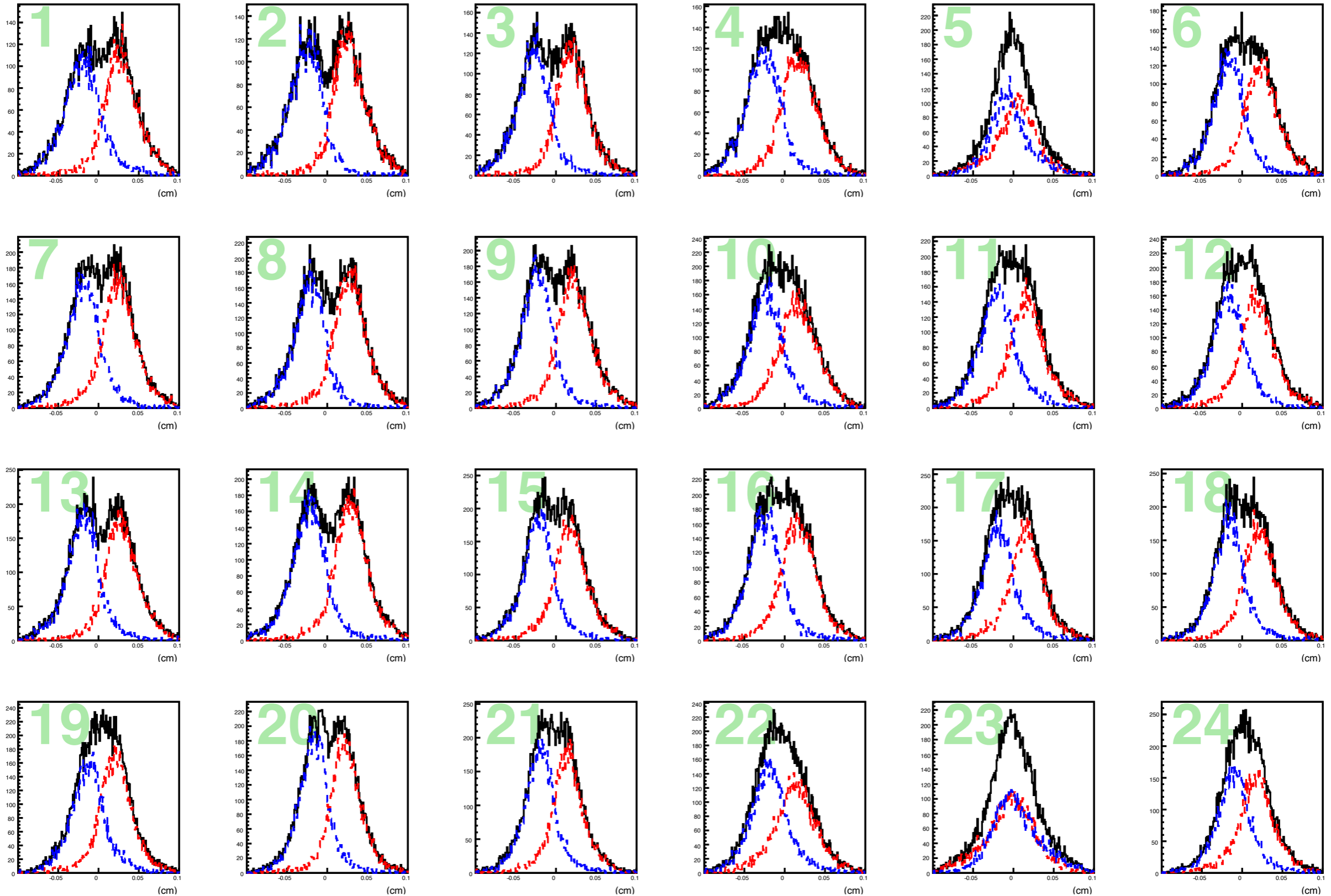
Wire Residual

2018 Jan, field-OFF run

Run040847

histogram range: -0.1 — 0.1 cm

— All
- - - Left
- . - . Right



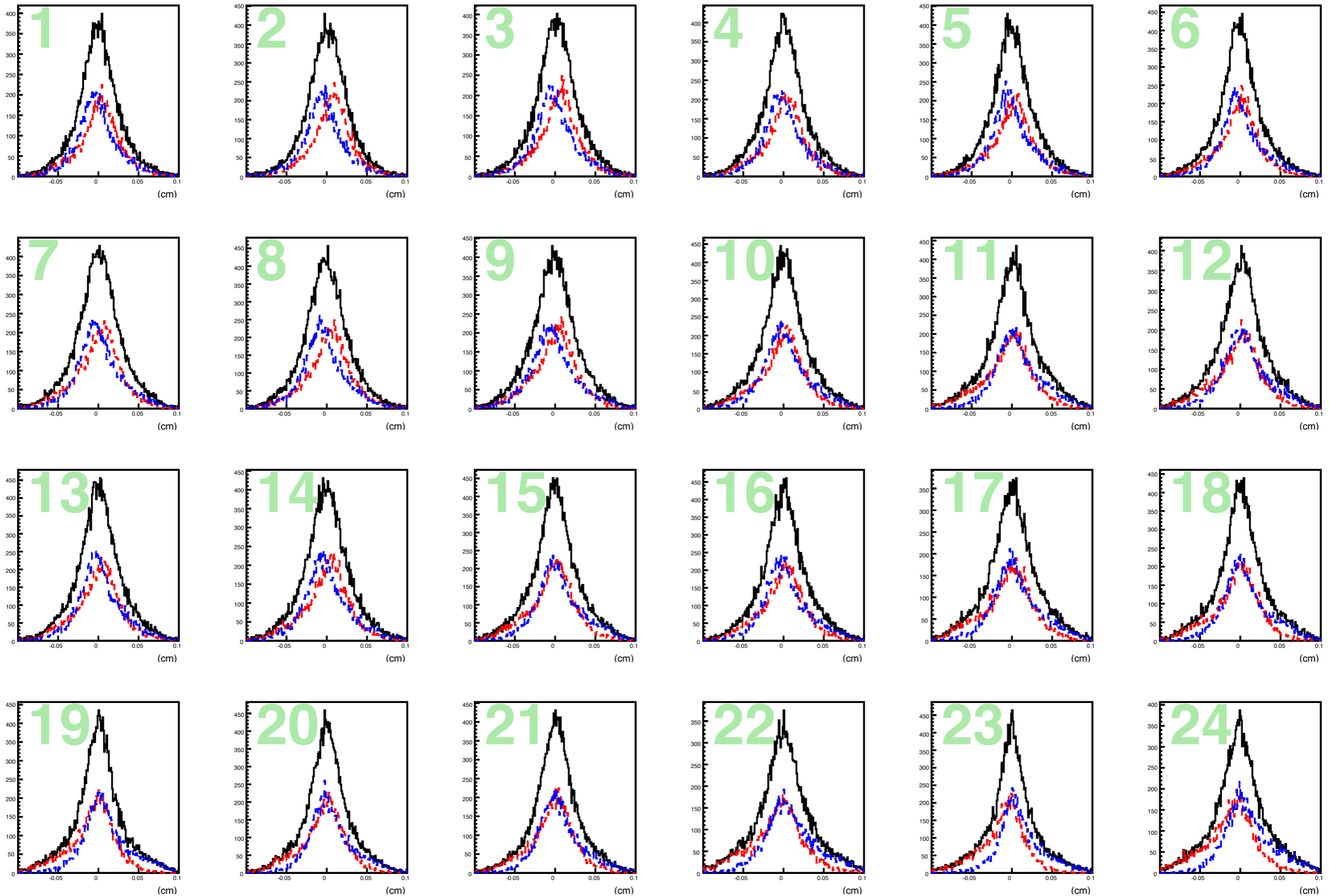
Wire Residual

2016 Feb, field-OFF run

Run011048

histogram range: -0.1 — 0.1 cm

— All
- - - Left
- . - . Right



Wire Residual

2018 Jan, field-ON run

Run041510

histogram range: -0.1 — 0.1 cm

— All
- - - Left
- - - Right

