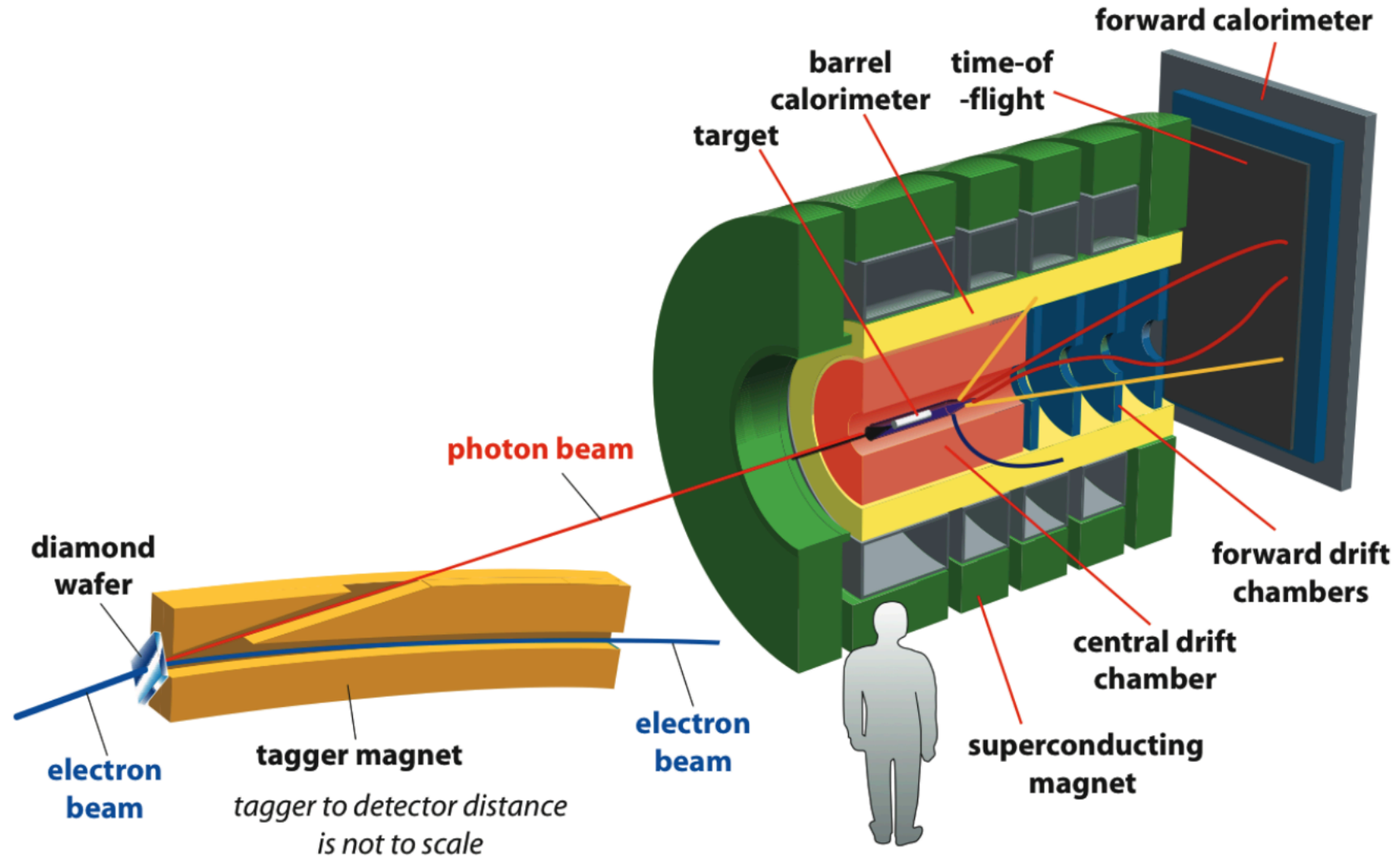
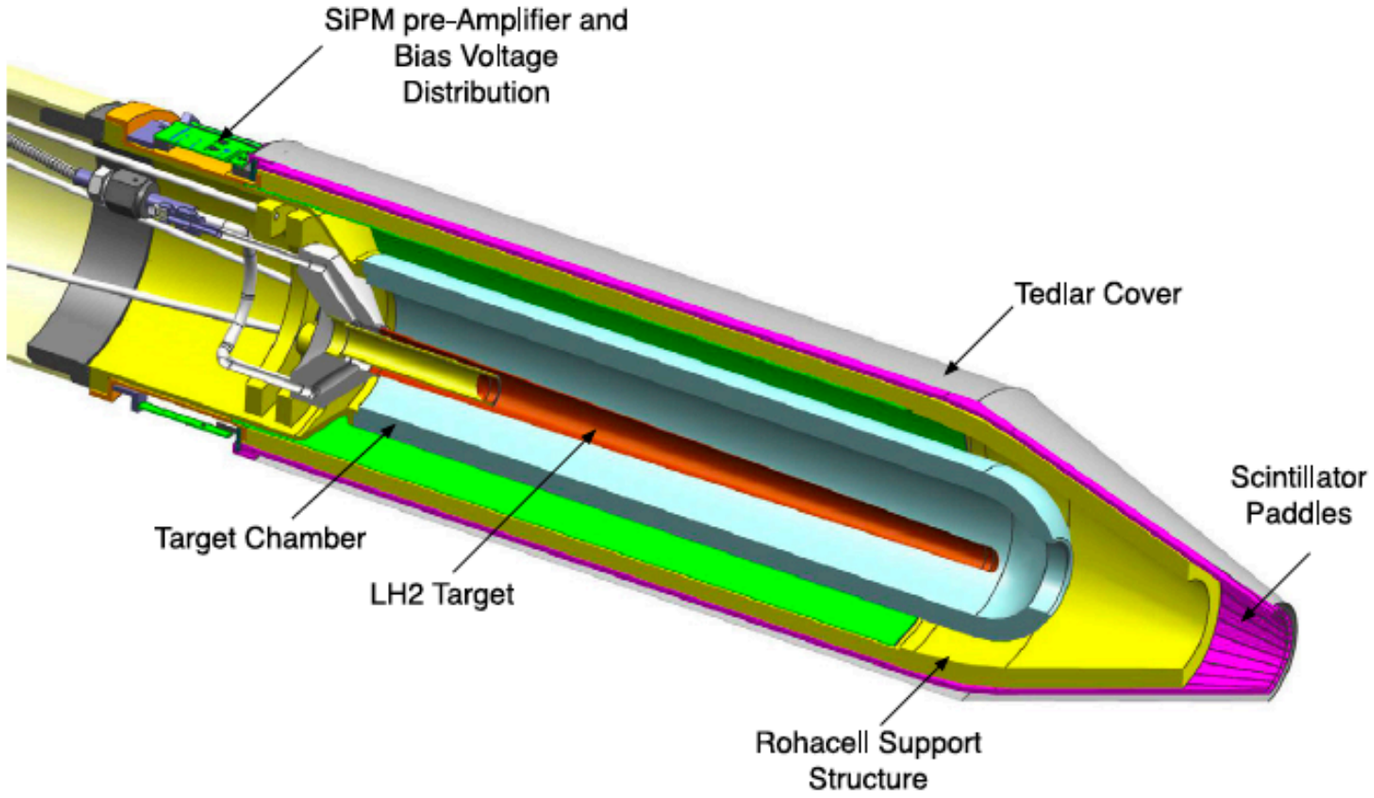
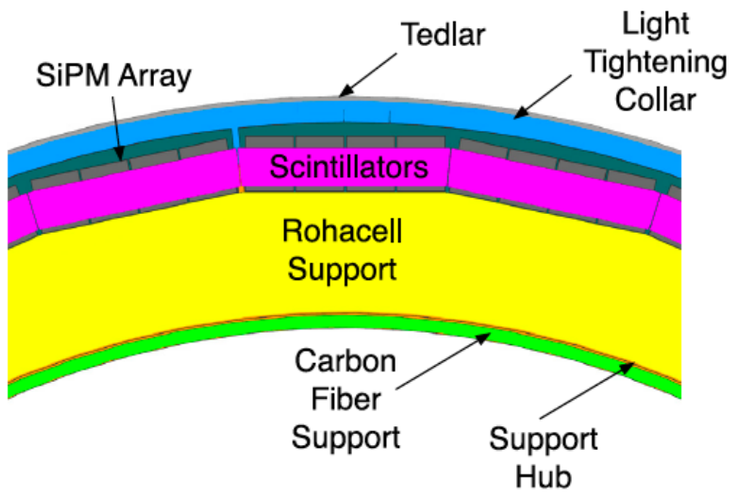
Start Counter


forward calorimeter
barrel
calorimeter
time-of
-flight
target
photon beam
diamond
wafer
forward drift
chambers
central drift
chamber
superconducting
magnet
electron
beam
tagger magnet
electron
beam
tagger to detector distance
is not to scale


SiPM pre-Amplifier and
Bias Voltage
Distribution
Tedlar Cover
Scintillator
Paddles
Target Chamber
LH2 Target
Rohacell Support
Structure


SiPM Array
Tedlar
Light
Tightening
Collar
Scintillators
Rohacell
Support
Carbon
Fiber
Support
Support
Hub

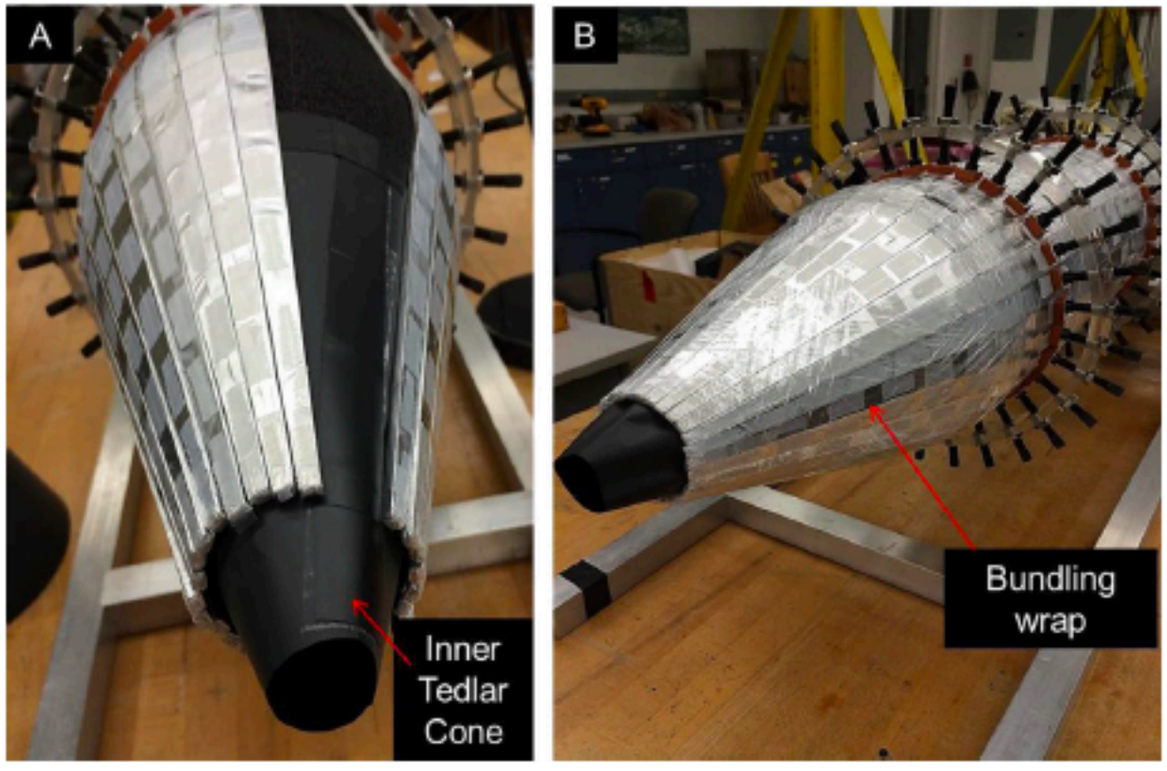
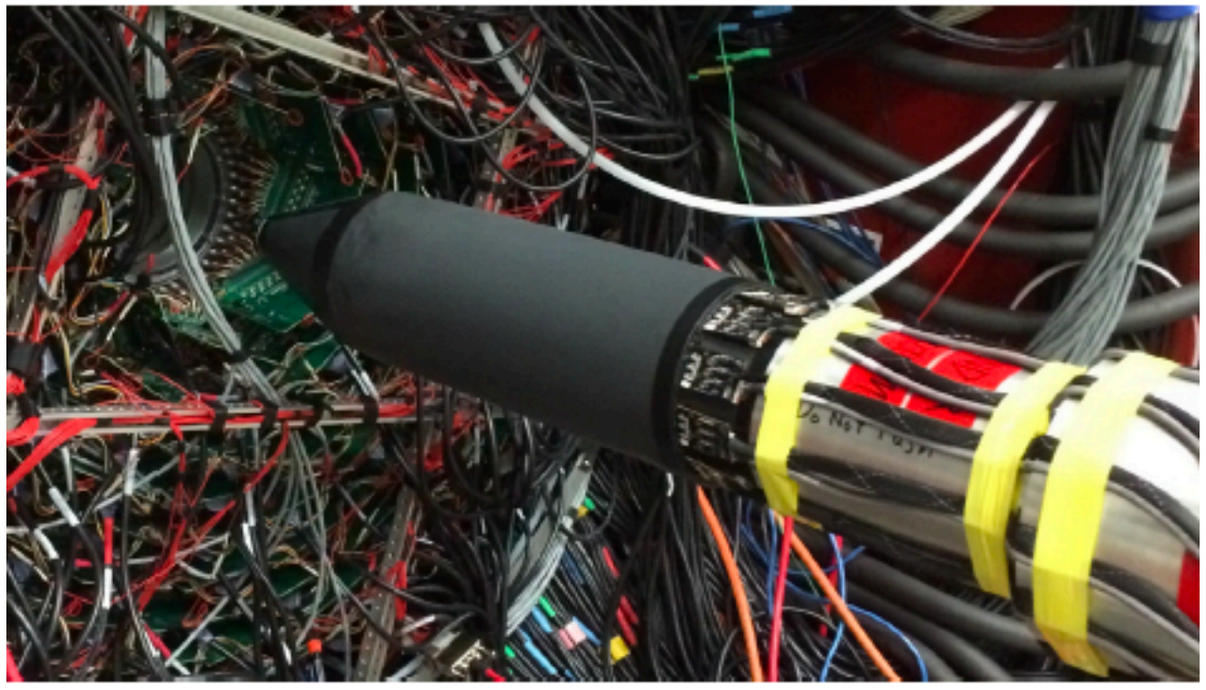
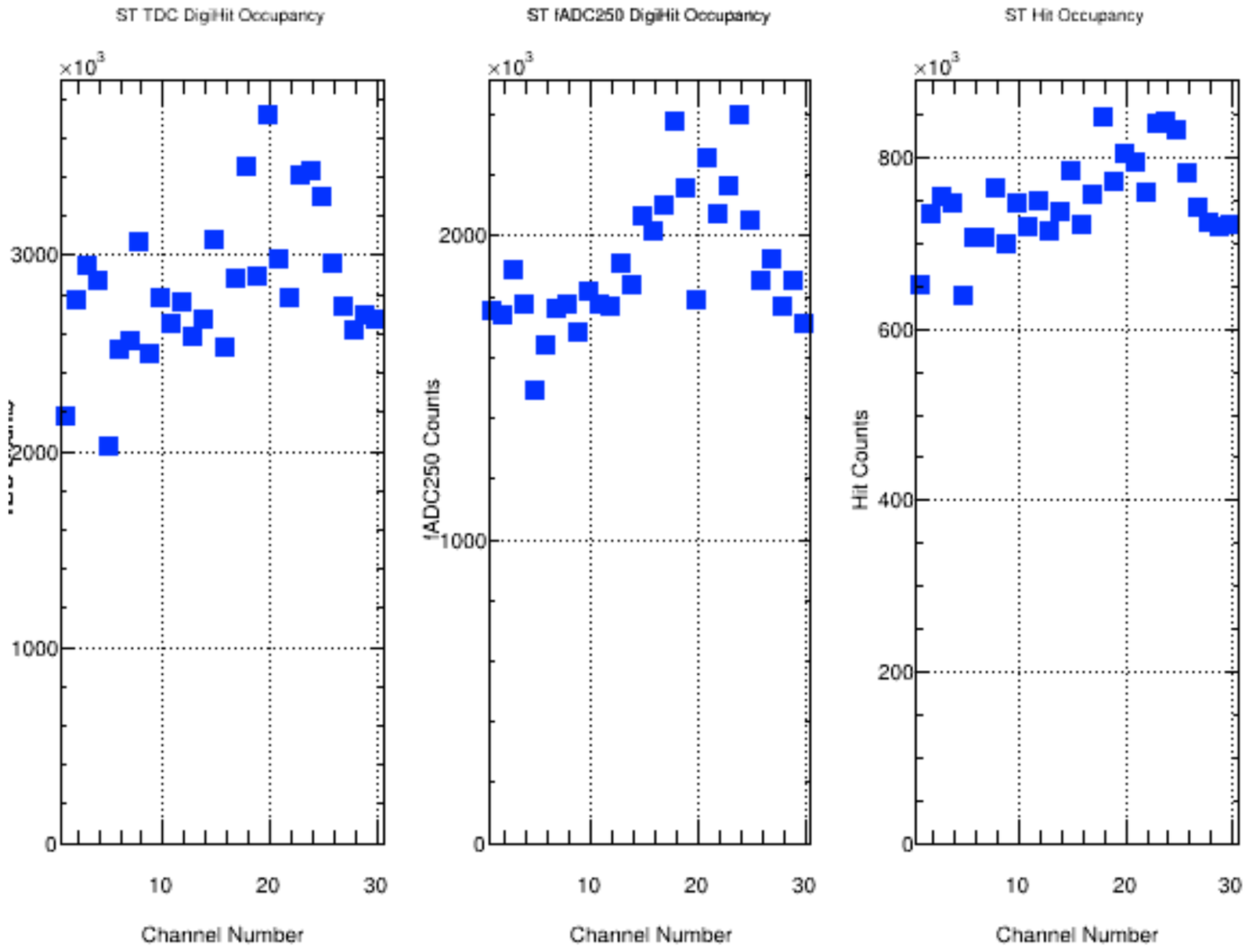
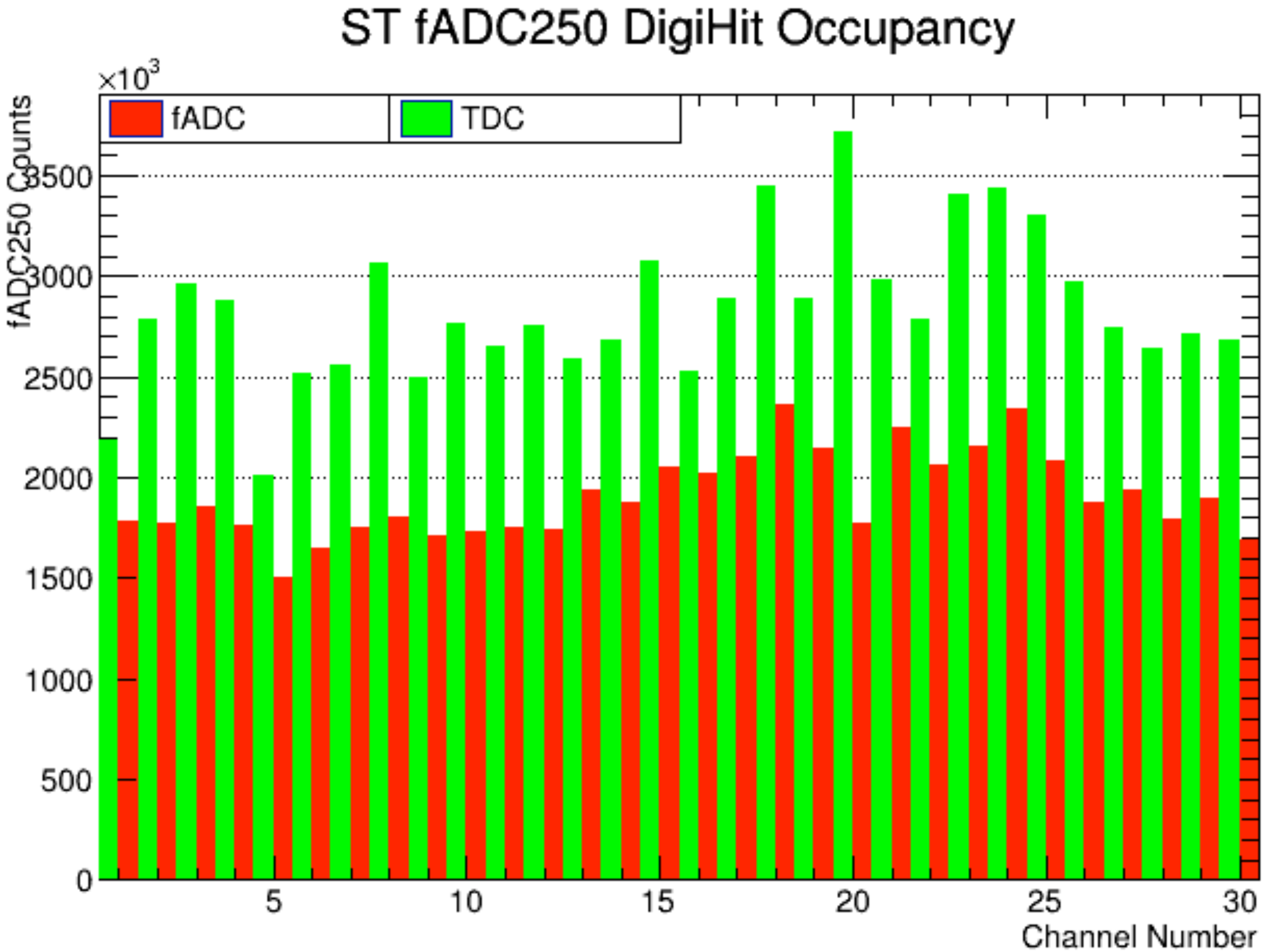
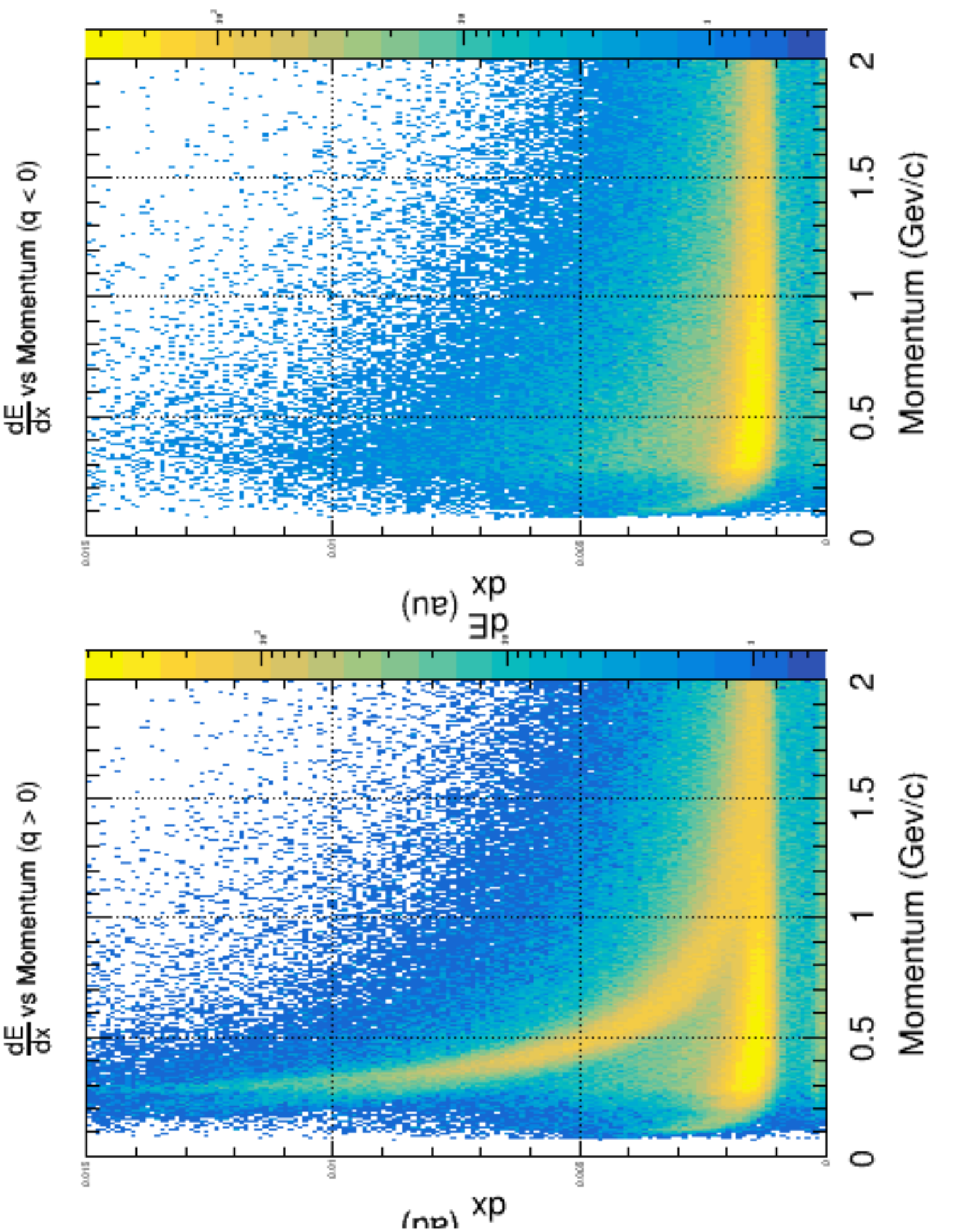


Fig. 18. ST assembly before (A) and after (B) wrapping with bundling wrap.




ST TDC DigiHit Occupancy
×10^3
3000
2000
1000
0
10
20
30
Channel Number
ST fADC250 DigiHit Occupancy
×10^3
2000
1000
0
fADC250 Counts
10
20
30
Channel Number
ST Hit Occupancy
×10^3
800
600
400
200
0
Hit Counts
10
20
30
Channel Number


ST fADC250 DigiHit Occupancy
×10^3
fADC
TDC
fADC250 Counts
3500
3000
2500
2000
1500
1000
500
0
5
10
15
20
25
30
Channel Number


$\frac{dE}{dx}$ vs Momentum (q < 0)
$\frac{dE}{dx}$ (au)
Momentum (Gev/c)
0
0.5
1
1.5
2
$\frac{dE}{dx}$ vs Momentum (q > 0)
$\frac{dE}{dx}$ (au)
Momentum (Gev/c)

Hall D Expert

Name	Extensio
Mark Ito	269-529

Calibrations

Sean Dobbs

Not expected to calibrate after the run