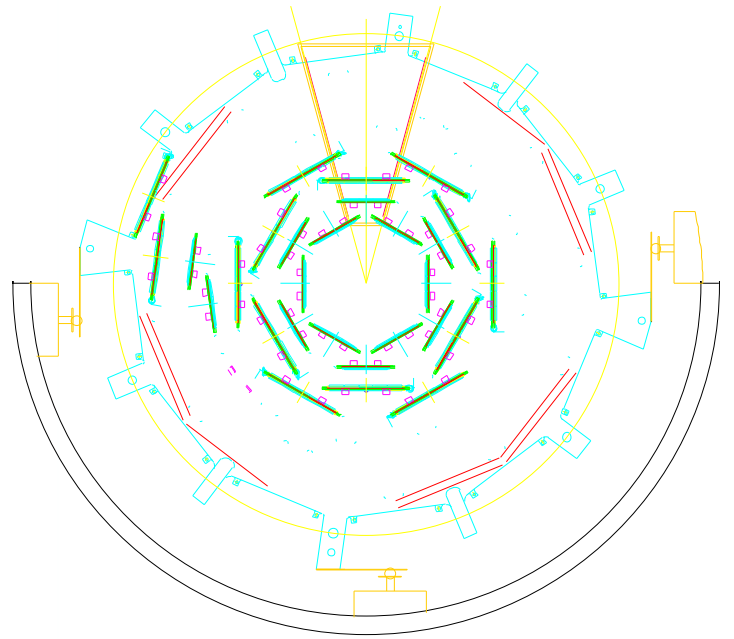
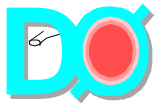


- $90^\circ$  Ladder (9 chip)
- Double Sided  $90^\circ$  Ladder (6 chip)
- H Disk (SS back-to-back)
- F Disk (DS)

- ◆ Length of the central region » 100 cm
- ◆ AC coupled double/single sided detectors
- ◆ SVX2e readout
- ◆ 800,000 channels
- ◆ hit resolution : 10 mm
- ◆ radiation hard to 1 Mrad





Barrel+Fdisk

Barrel











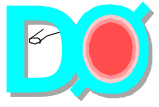










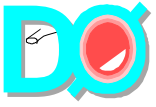


36  $\mu$  rms



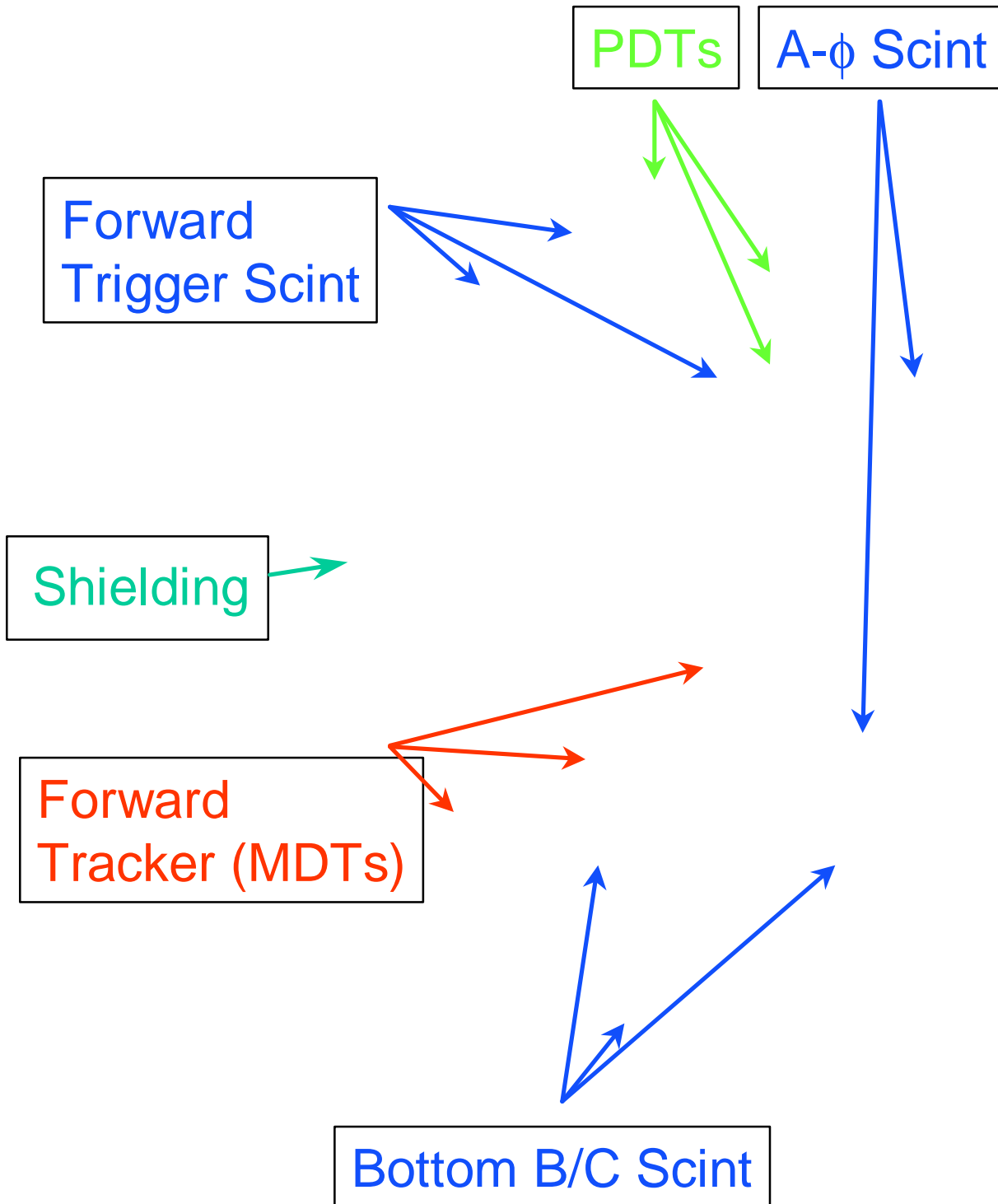


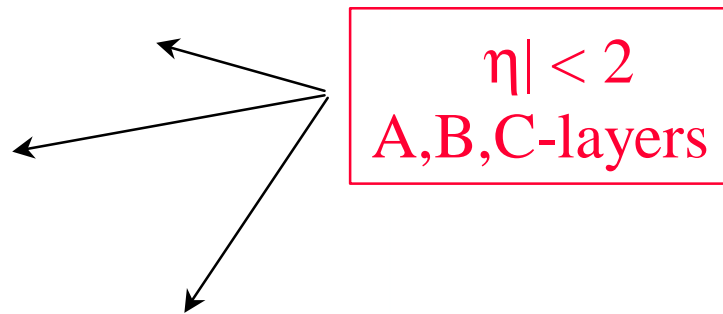
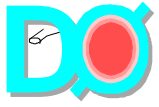


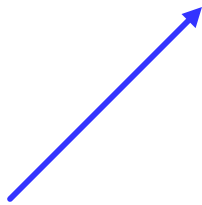
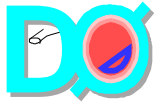


# Muon System

Completely new forward muon system for Run II







Lab F production facility

Picture of first complete & cabled

*Need to build 48 octants; total 4608 counters*









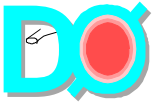












Efficiency vs.  
background rej  
benefits by using  
STT for b-physics

Effect of STT

