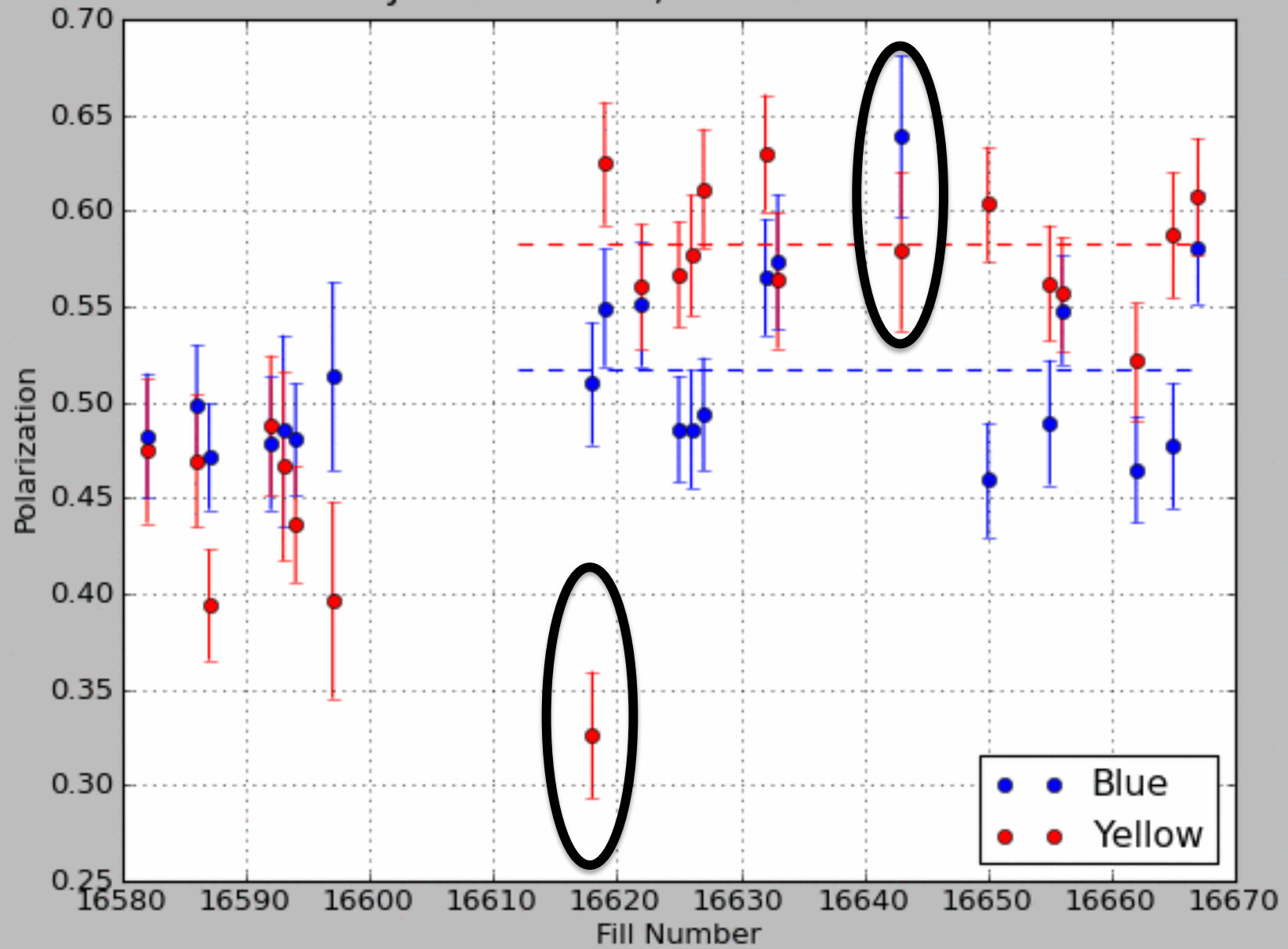


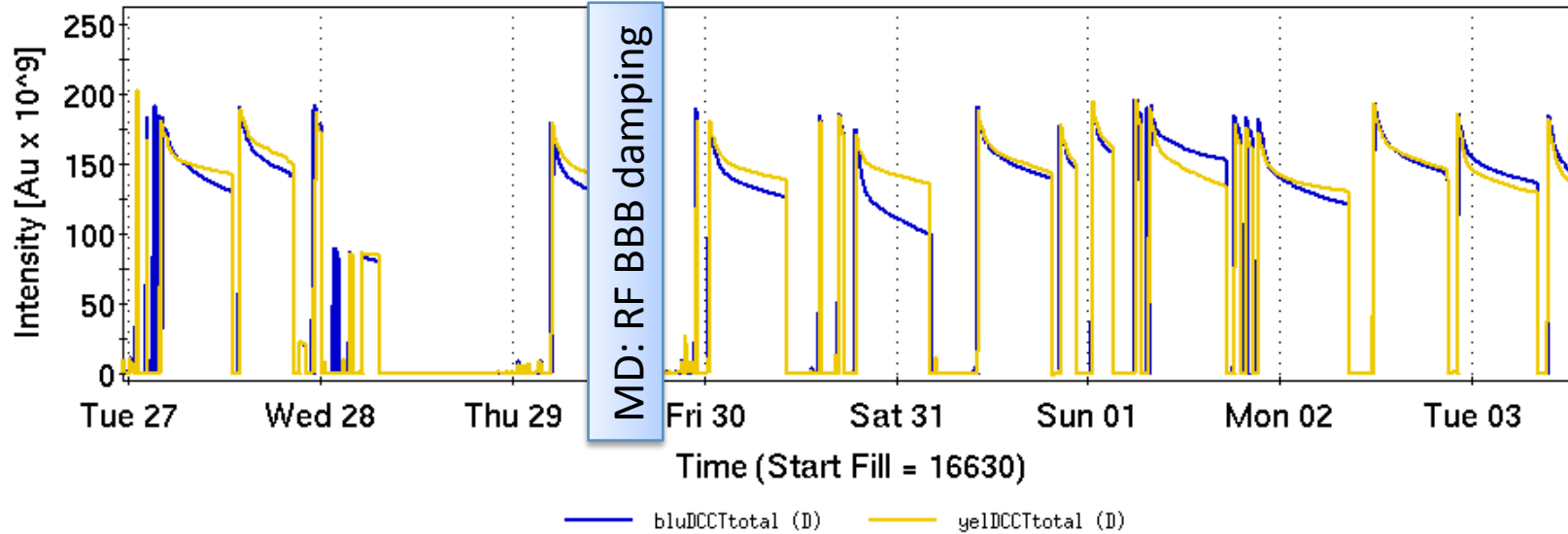
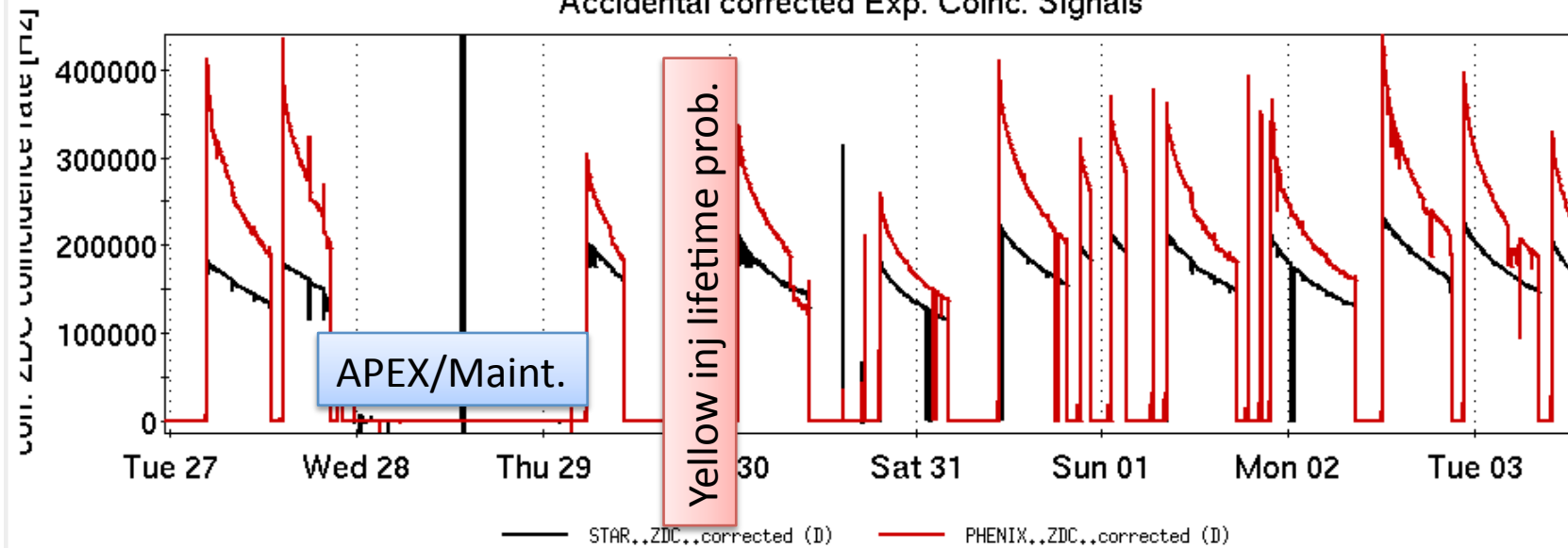
RHIC Status 4/3

- Still working on improvements on a few fronts:
 - Intensity (current limit still longitudinal emittance on the ramp)
 - RF working toward a storage cavity setup that works for both higher voltage on ramp and at rebucketing
 - Early Booster scraping (1-1.5 hours Thursday)
 - Polarization
 - Yellow: snake 'mu' angle scan at store to improve lifetime
 - Blue: systematically lower than yellow (lifetime and maybe transmission)
 - Spin tune measurements at store (seem to indicate spin tune $\neq 0.5$)
 - Can begin scanning snake angle axis (spin tune shift) on ramps
- AGS orbit lurches
 - Frequent lurches of AGS orbits making filling very difficult
- Polarimeter targets
 - Being lost at a high rate (many before having seen beam)
 - Will likely need another round of replacement
- Five lost ramps/store over the weekend
 - 2 QLIs, apparently stemming from building temperature excursions
 - 3 Lost ramps during blue initial collimation, apparently from order of operations

Jet Polarization, Run 12 255 GeV



Accidental corrected Exp. Coinc. Signals



RHIC $p^A p^A$ Luminosity Run-12 ($\sqrt{s}=510$ GeV)

