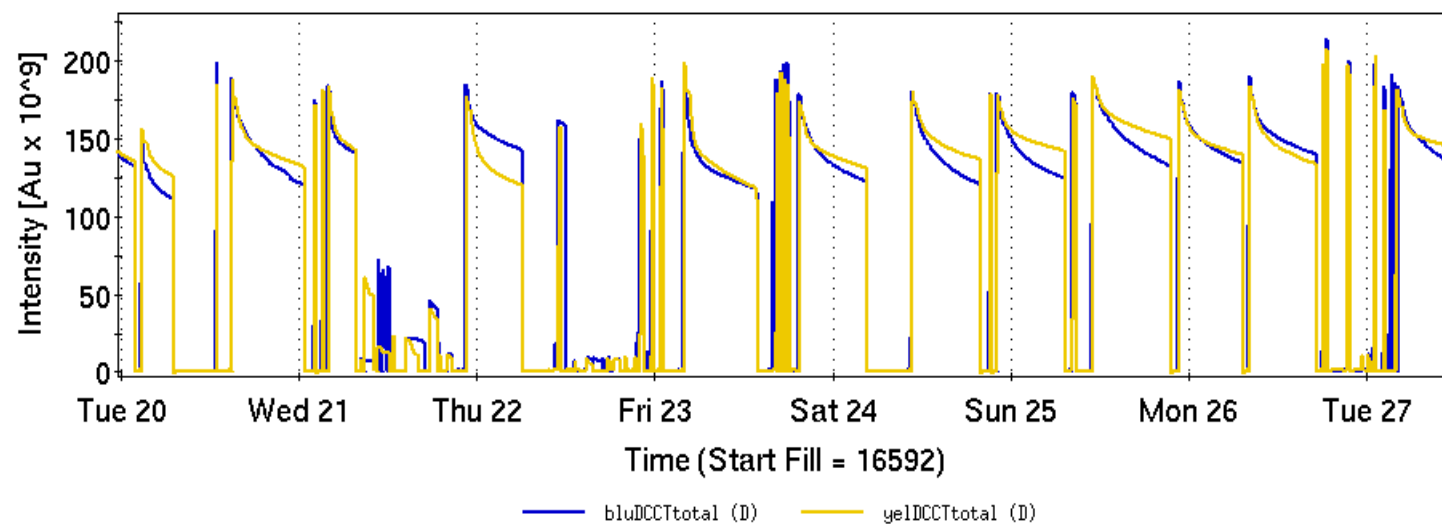
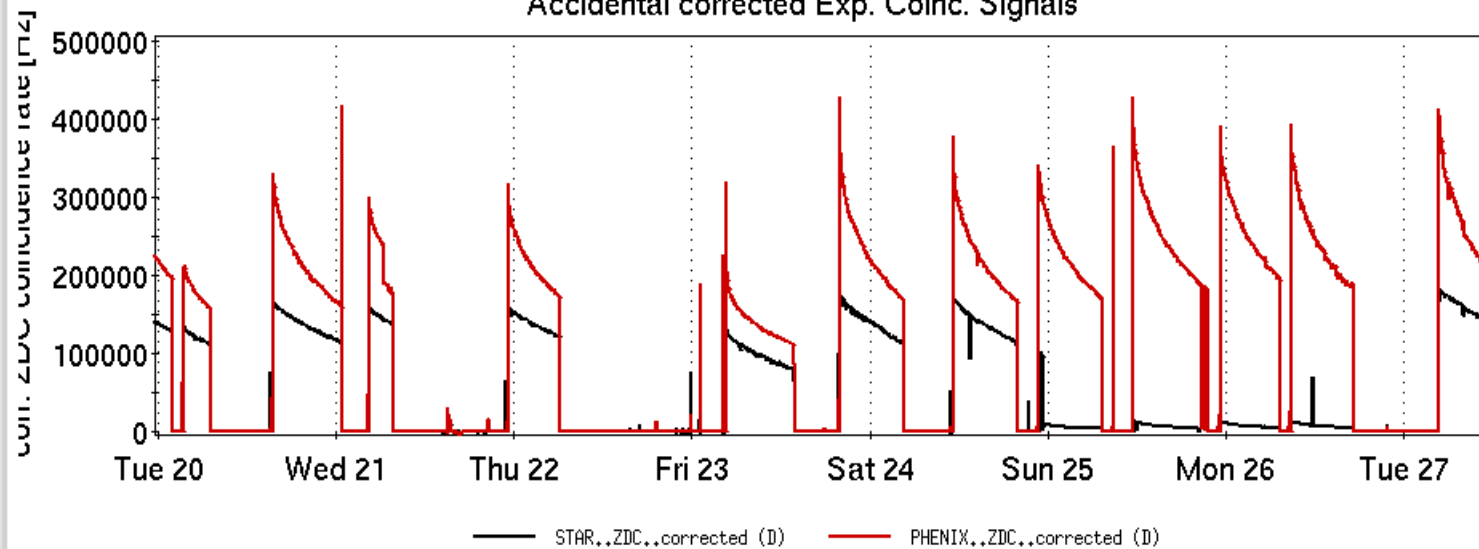


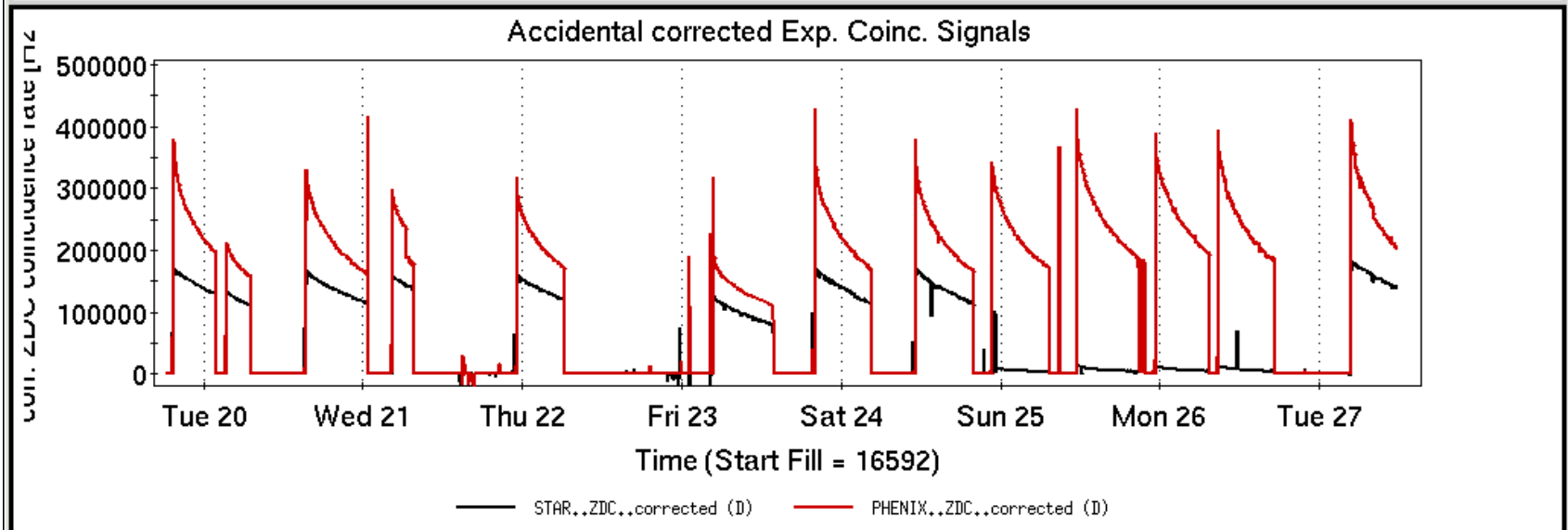
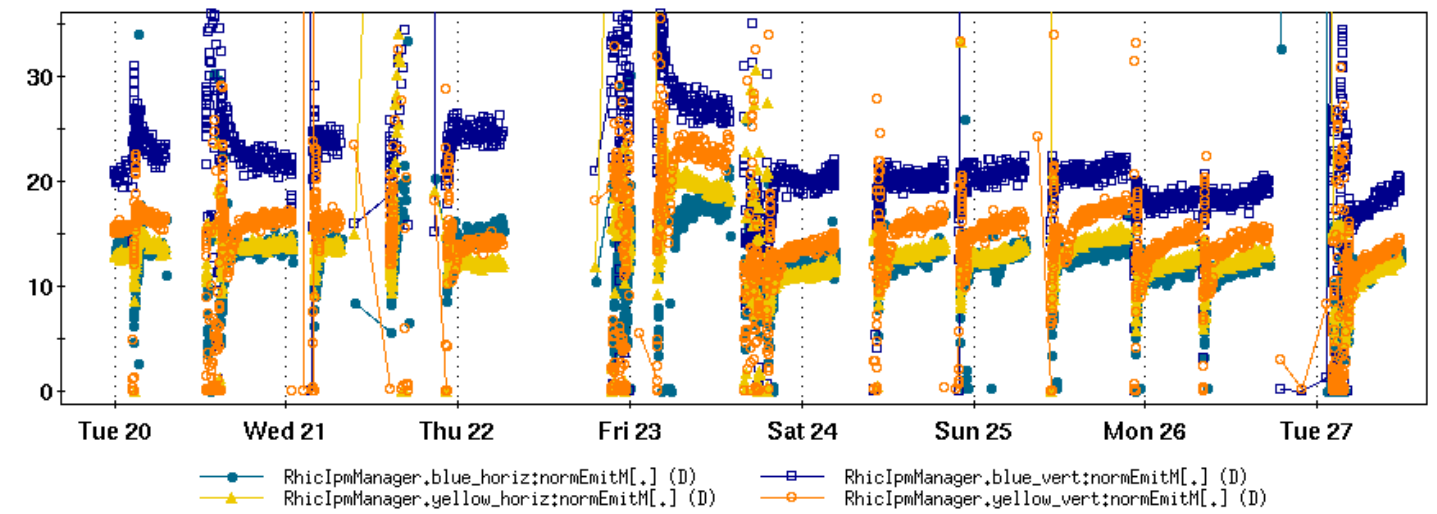
RHIC Status 3/27

- First week of physics at 255 GeV running very well
- Came to previous peak lumi very quickly (now 10-15% peak lumi than last run, similar lumi lifetime)
 - Improvement over last run so far comes from the injectors
 - Very high source output, means more scraping and lower emittances
- To do:
 - Increase intensity to 2×10^{11} injected (limited now by longitudinal losses)
 - Improve longitudinal emittance
 - Shortened AGS cycle
 - Improved Booster scraping scheme
 - RF Landau phase loops and bunch-by-bunch damping development (Thursday)
 - Improved RHIC lattice/snake configuration
 - Delayed beta squeeze (APEX)
 - Orbit resonance harmonics (APEX)
 - Snake rotation angle scan
 - Further incremental improvements to transverse emittance (e.g. AtR)

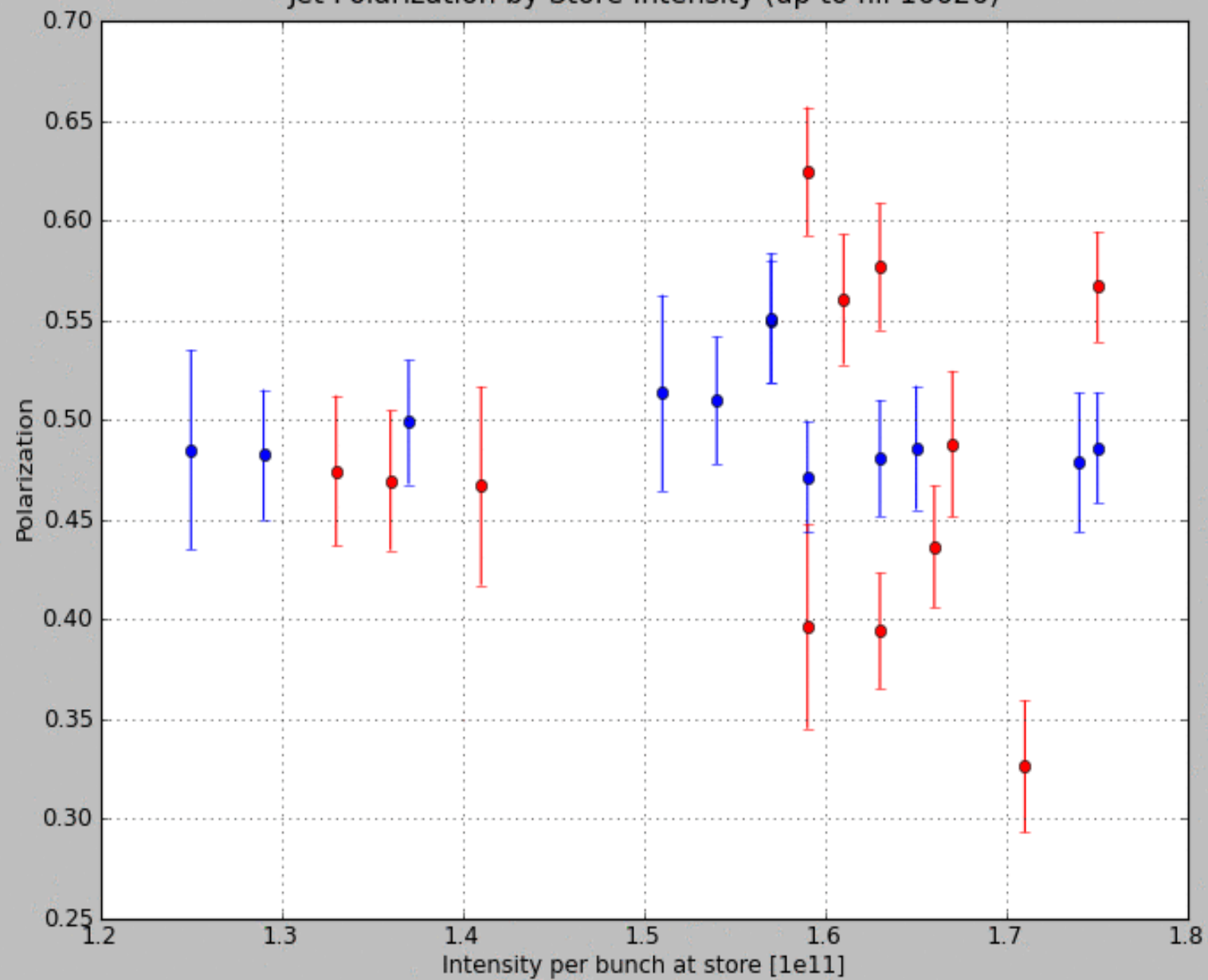
File Window Markers Analysis

Accidental corrected Exp. Coinc. Signals





Jet Polarization by Store Intensity (up to fill 16626)



Jet Polarization by ZDC Inferred Emit (up to fill 16626)

