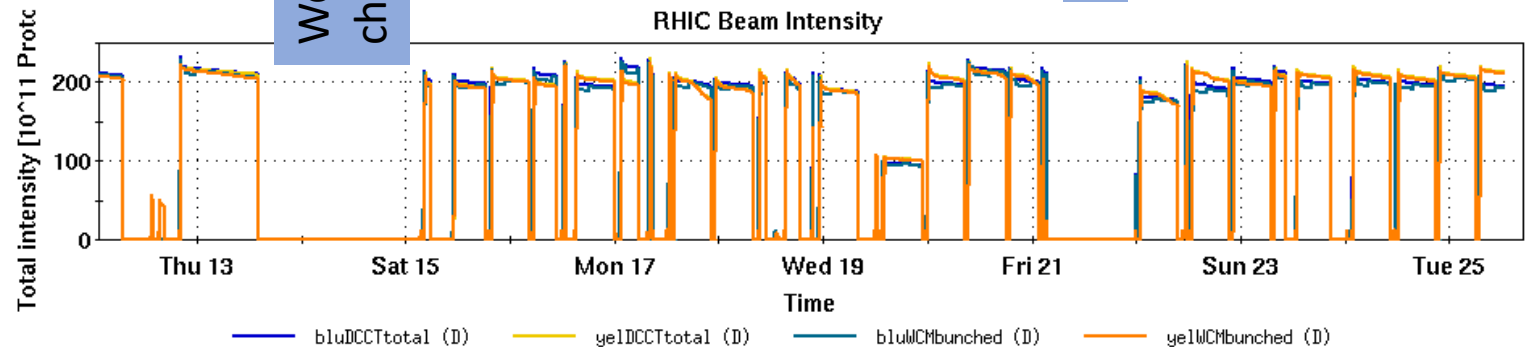
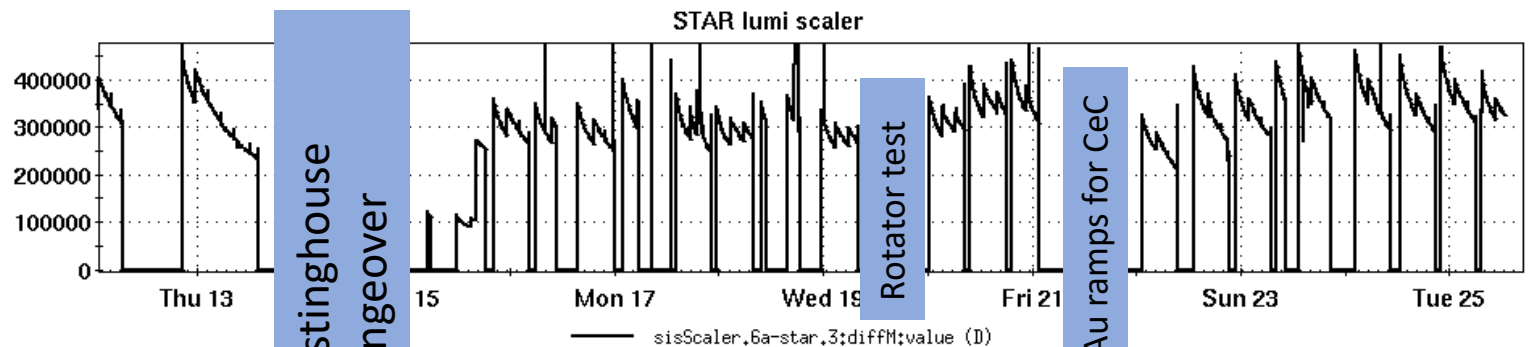
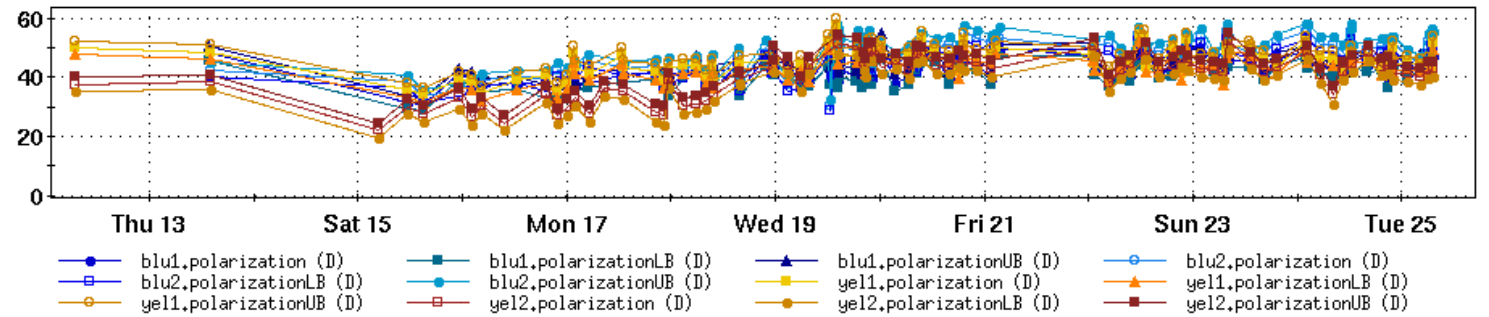


RHIC Run 22 Run Status

1/25/2022

- Recovery from switch to Westinghouse
 - 3-4 days to get back to similar collider performance
- Moved the first beta squeeze from 1.5 \rightarrow 1.2 m immediately to start of store to gain peak lumi
 - Squeezing to 1 m at 3 hr mark.
 - Stop gap measure to increase luminosity while we work on emittance improvements
- Jet dissociator cooling problem to be addressed on Wed maintenance
 - No Jet data for these fills, pC operating and scaled to Jet
- Au to flattop (12 bunches) for CeC dedicated physics program (Fri 1/21)



Spin rotator test

- Rotator based check of stable spin direction Wed Jan 19th
 - Showed a vertical component to the spin direction with the rotators on
 - Implies an (invisible) longitudinal component of about 5% the normal physics mode (rotators off)
 - Plans to use rotators to correct the residual longitudinal component
 - Yellow rotators being prepared for similar check

Pure vertical component with rot on
 Implies longitudinal component with rot off

