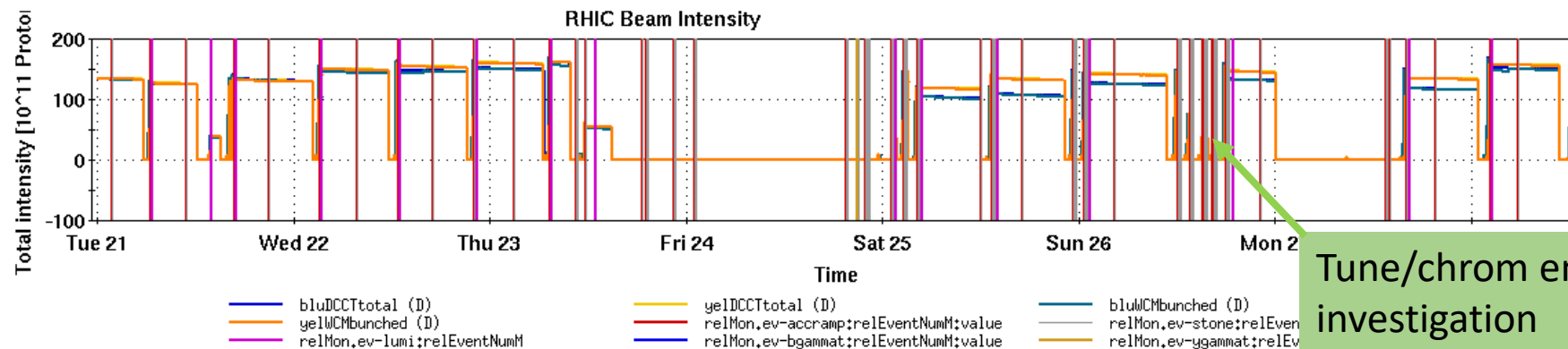
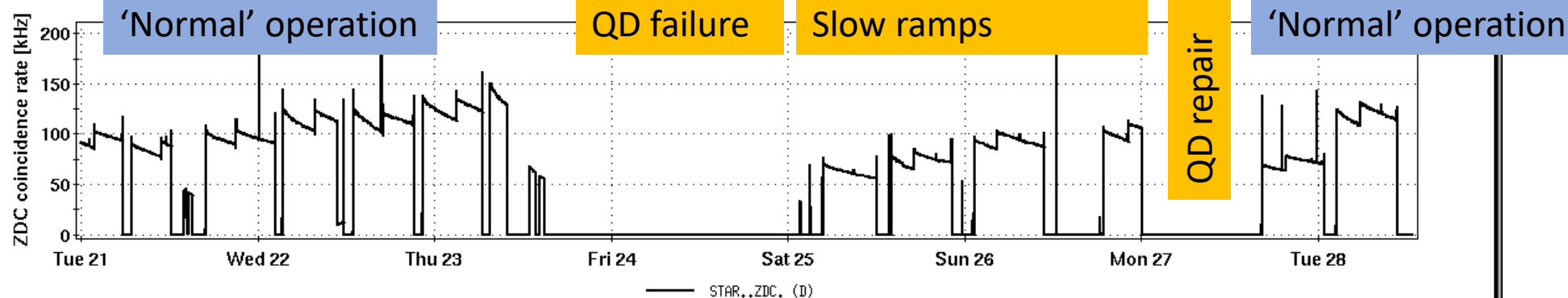
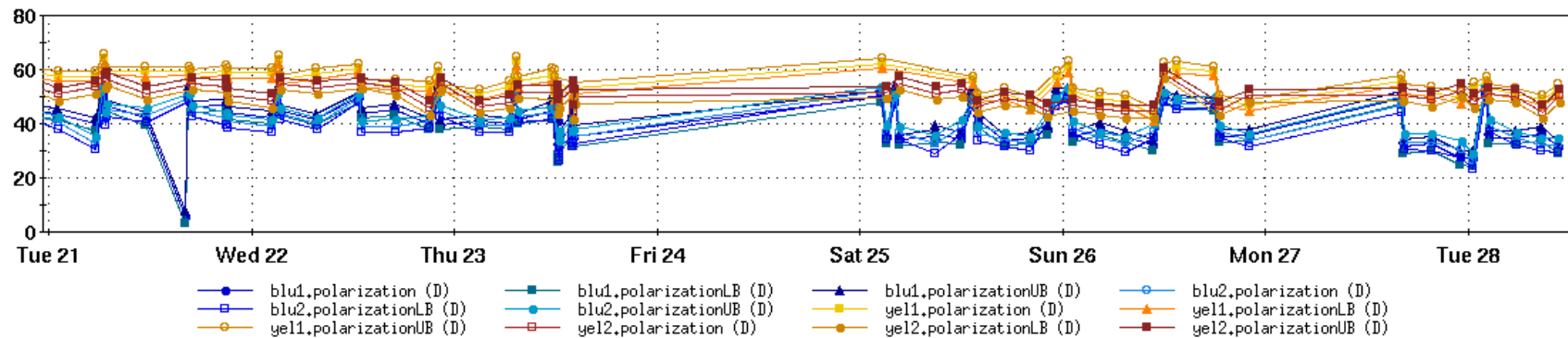


RHIC Run 22 Run Status

12/28/2021

- Operation continue with partial blue snake at bi9
- Dec 23rd: RHIC store energy scan
 - Goal to rotate the spin vector in blue to investigate the longitudinal component of stable spin direction at pC and STAR
 - Interrupted by quench detector problem (2 of 6 energies measured)
- Quench detector problem
 - Full day without beam to diagnose
 - Two days of operation with a 5x slower energy ramp
- Emittance problems
 - Large emittance dilution (vertical) during the ramp, unknown cause
 - Last night, injection matching problem in blue (resolved)



Blue vertical emittance growth during RHIC ramp

