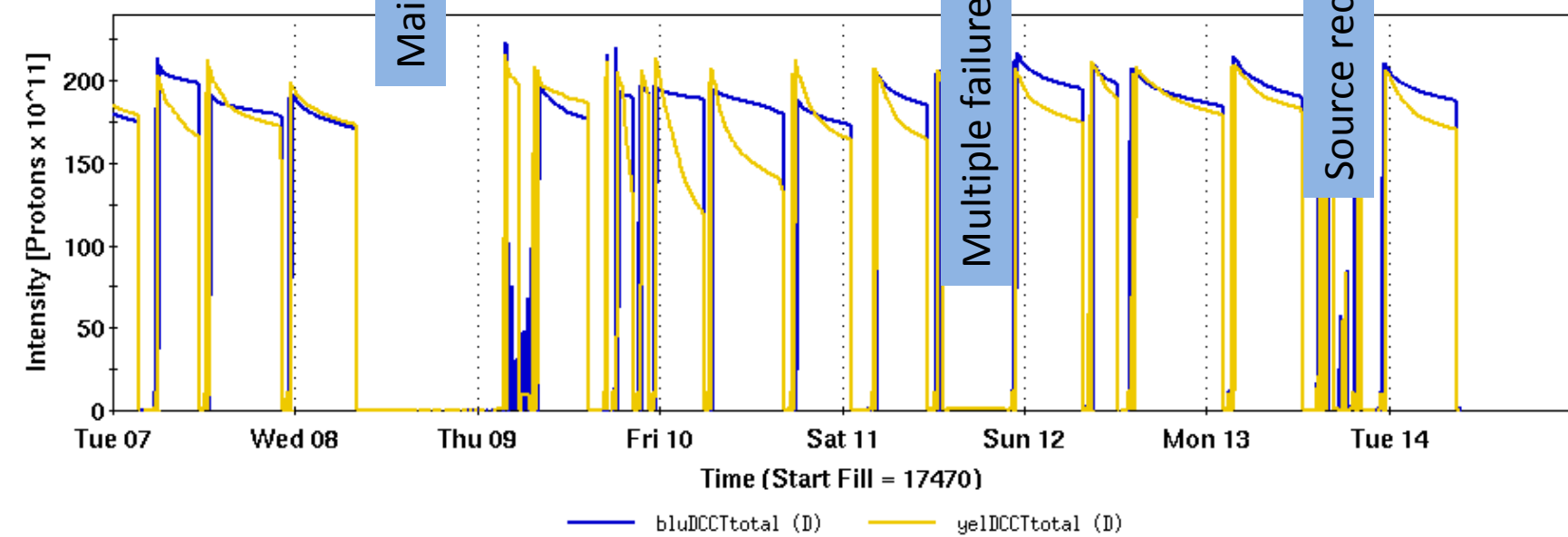
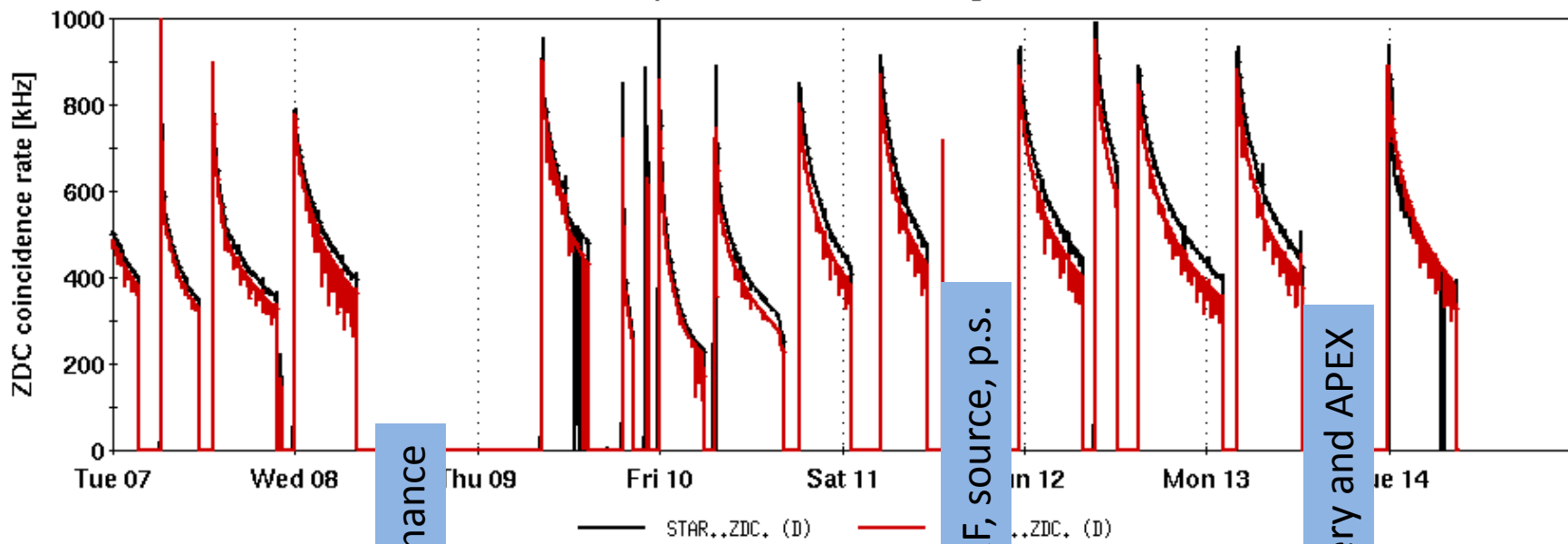


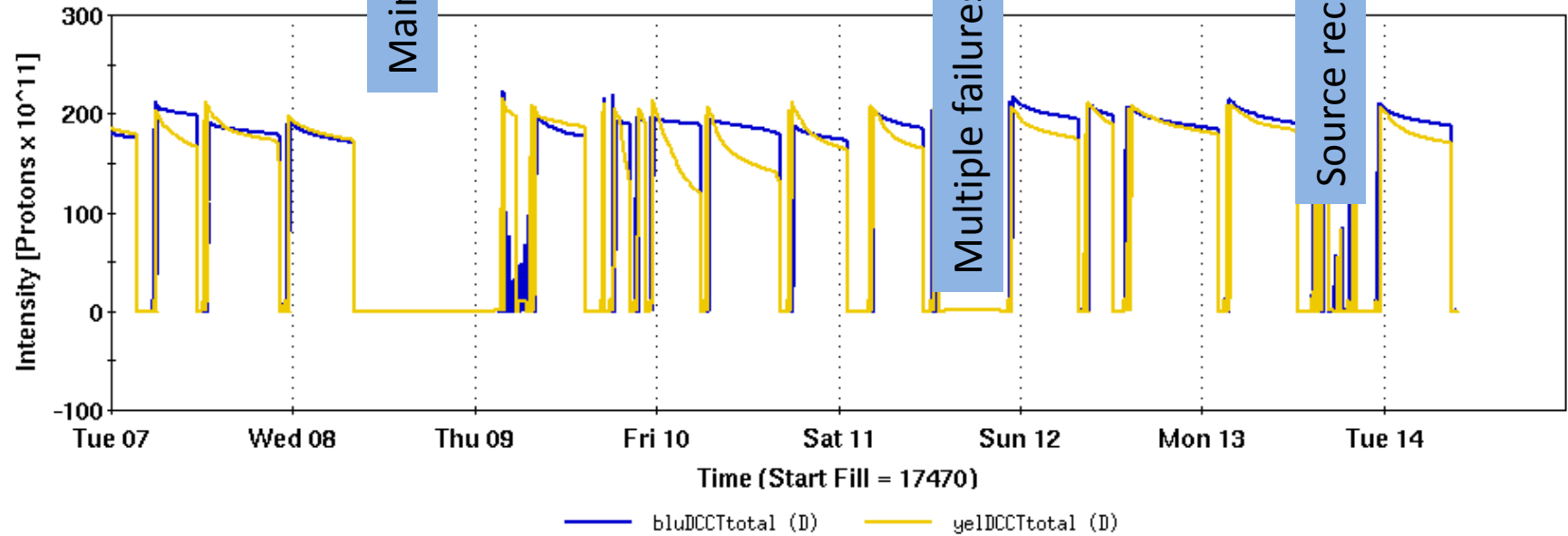
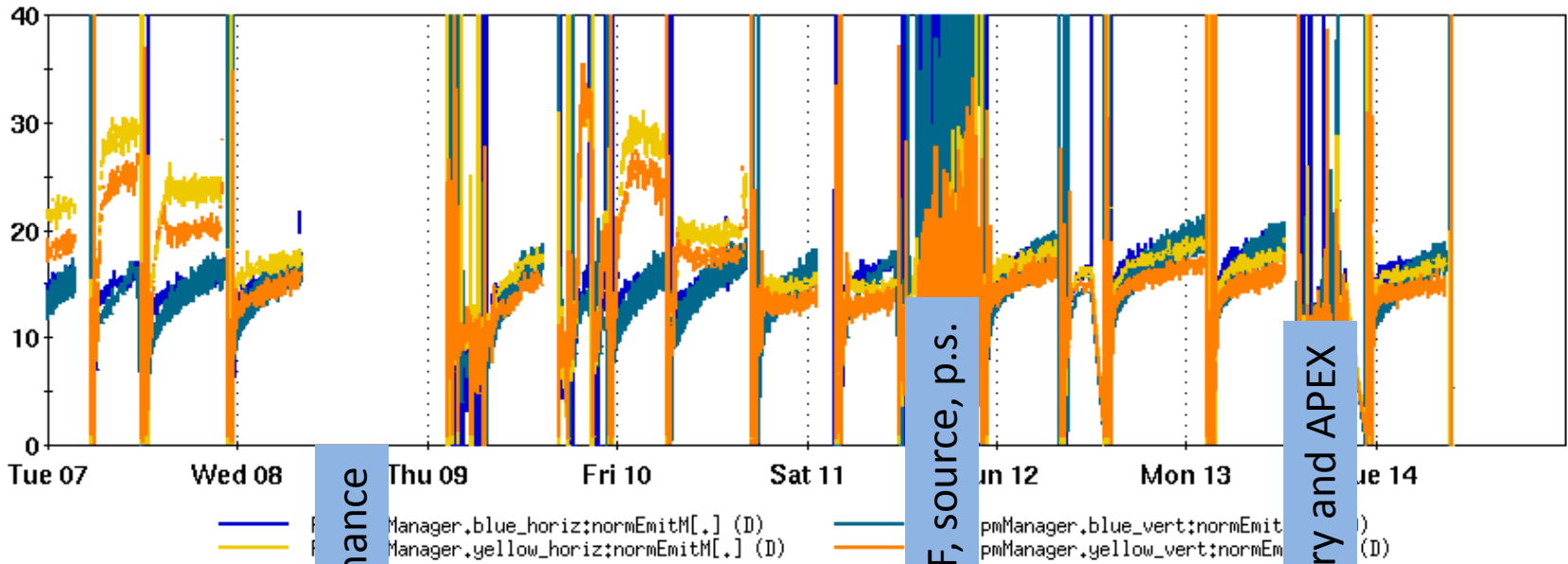
RHIC Status

Time Meeting, 5/14/13

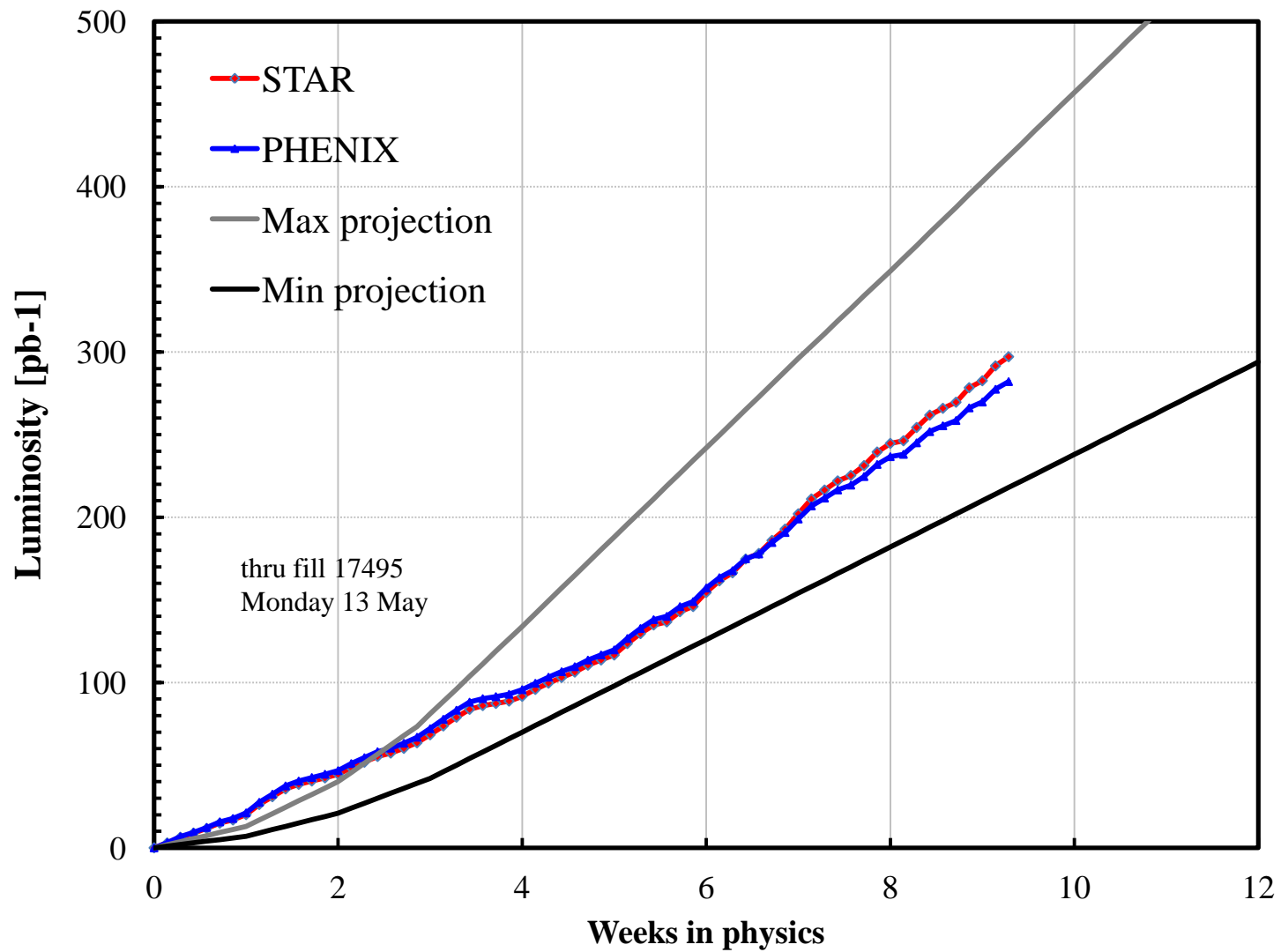
- Record luminosities lately, but struggling with beam-beam effects in yellow
 - Stores at 1.9×10^{11} /bunch in both rings have no emittance blowup, but we may be paying a price in polarization
 - If Q_y cannot be reduced, we will have to reduce intensity to optimize FOM
 - Pile-up at STAR requires mis-steering at start of store to reduce peak rate (last two stores)
 - Downtime yesterday from source vacuum problem:
 - Early hours-1230: Physics store and source work
 - 1230-1400: STAR/PHENIX accesses
 - 1400-1500: Ramp optics (APEX)
 - 1500-1700: pC target conditioning
 - 1700-1830: Longitudinal stability studies (APEX)
 - 1830: Source ready to inject
 - 2000: Ramping
- Removes 2-3 hours from Wednesday APEX
- Propose adding the 3 hours MD (D' development and high intensity abort check) to the end of APEX tomorrow, run physics Wed eve through the weekend.

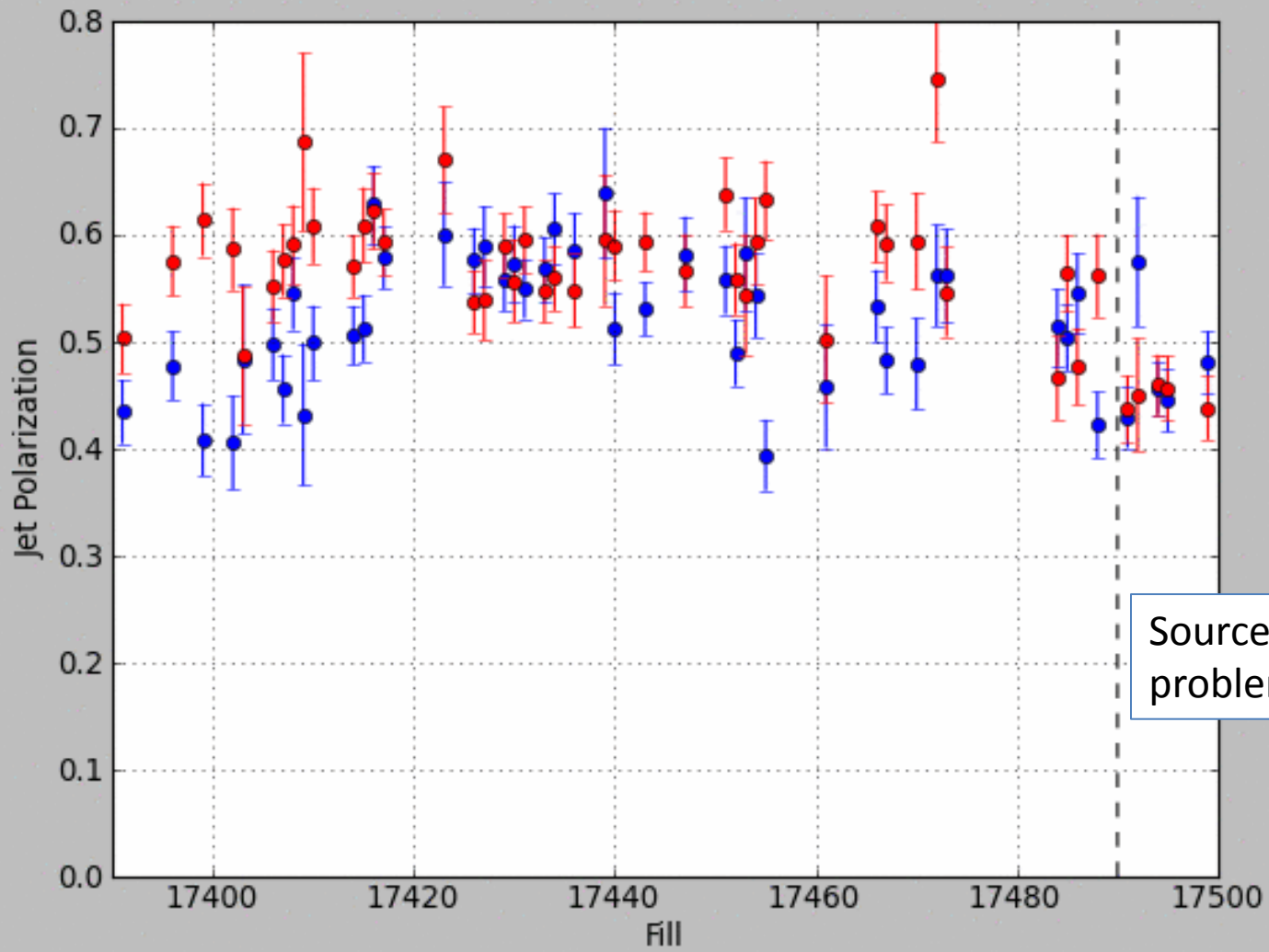
Experimental Coincidence Signals





RHIC Run-13 delivered luminosity - p^+p^+ $\sqrt{s} = 510$ GeV





Source problem