



sPHENIX Status RHIC Coordination

January 20th, 2026

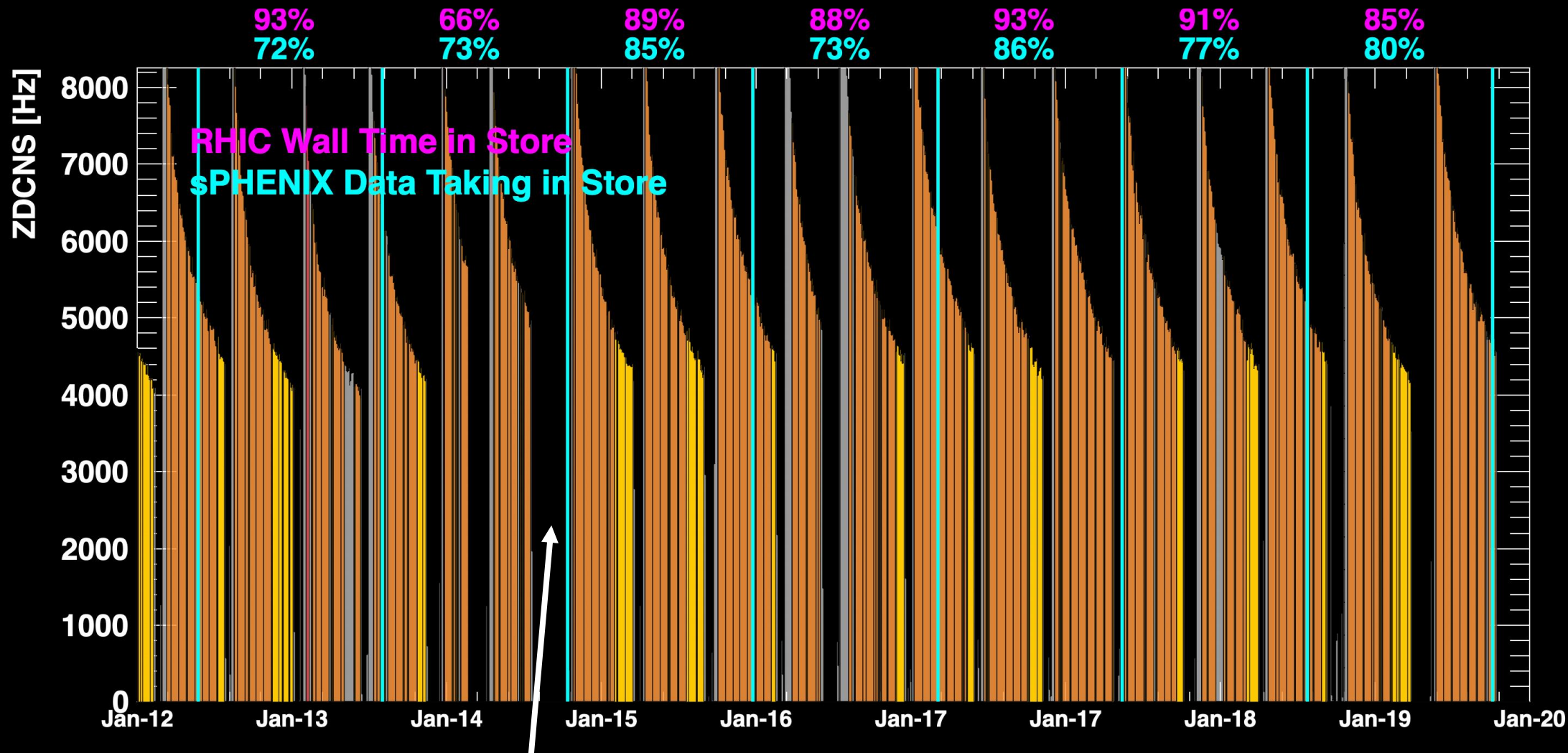
Rosi Reed
Lehigh University
sPHENIX Run Coordinator

Ron Belmont
UNC Greensboro
sPHENIX Deputy Run Coordinator



sPHENIX Uptime

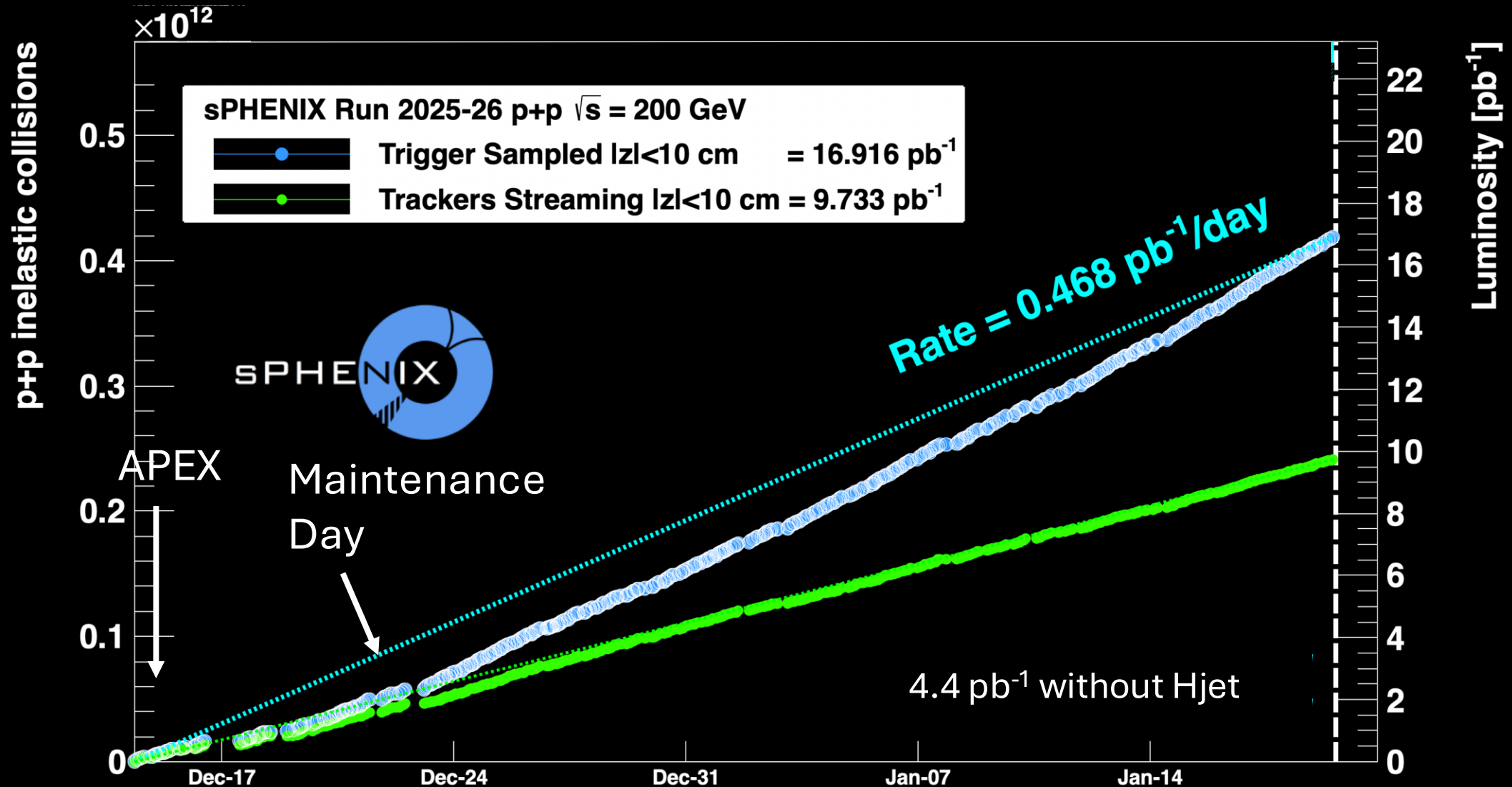
TPC Triggered Mode
TPC Streaming Mode
Not Running



ODH sensor

Rosi Reed

sPHENIX Luminosity



Conclusions and outlook to OO

- We finished at 16.9 pb^{-1}
 - Many thanks for the smooth, uninterrupted operation!
 - 12.5 pb^{-1} without hjet, this should be sufficient for our spin physics goals
- For OO running the two big unknowns for us are:
 - The autorecovery rate for the MVTX \rightarrow determines streaming, extended or triggered operation
 - TPC load due to background \rightarrow determines crossing angle
- Post-collision run-plan: Calibration requires 200 hours of field on data (TPC laser dance/cosmics) and 2 weeks of field off data
 - End-of-cryo date?
 - TPC Laser dances and cosmic running in current TPC configuration important for understanding distortions
 - Check if we can do this during STAR FXT running
 - We will still fully use all magnet on time regardless