

sPHENIX status

Kin Yip

sPHENIX Director of Operations

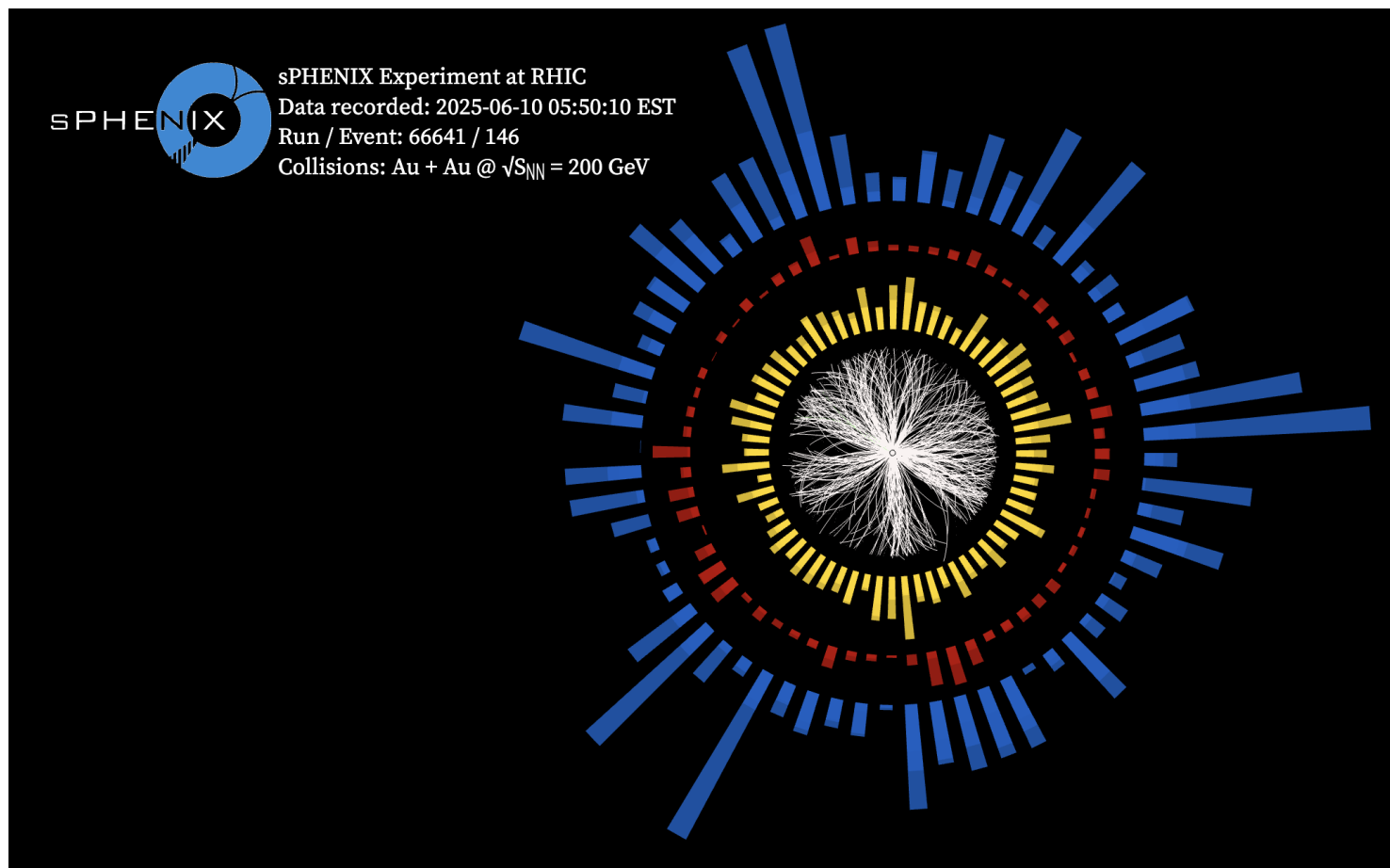
Time Meeting
June 17, 2025



@BrookhavenLab

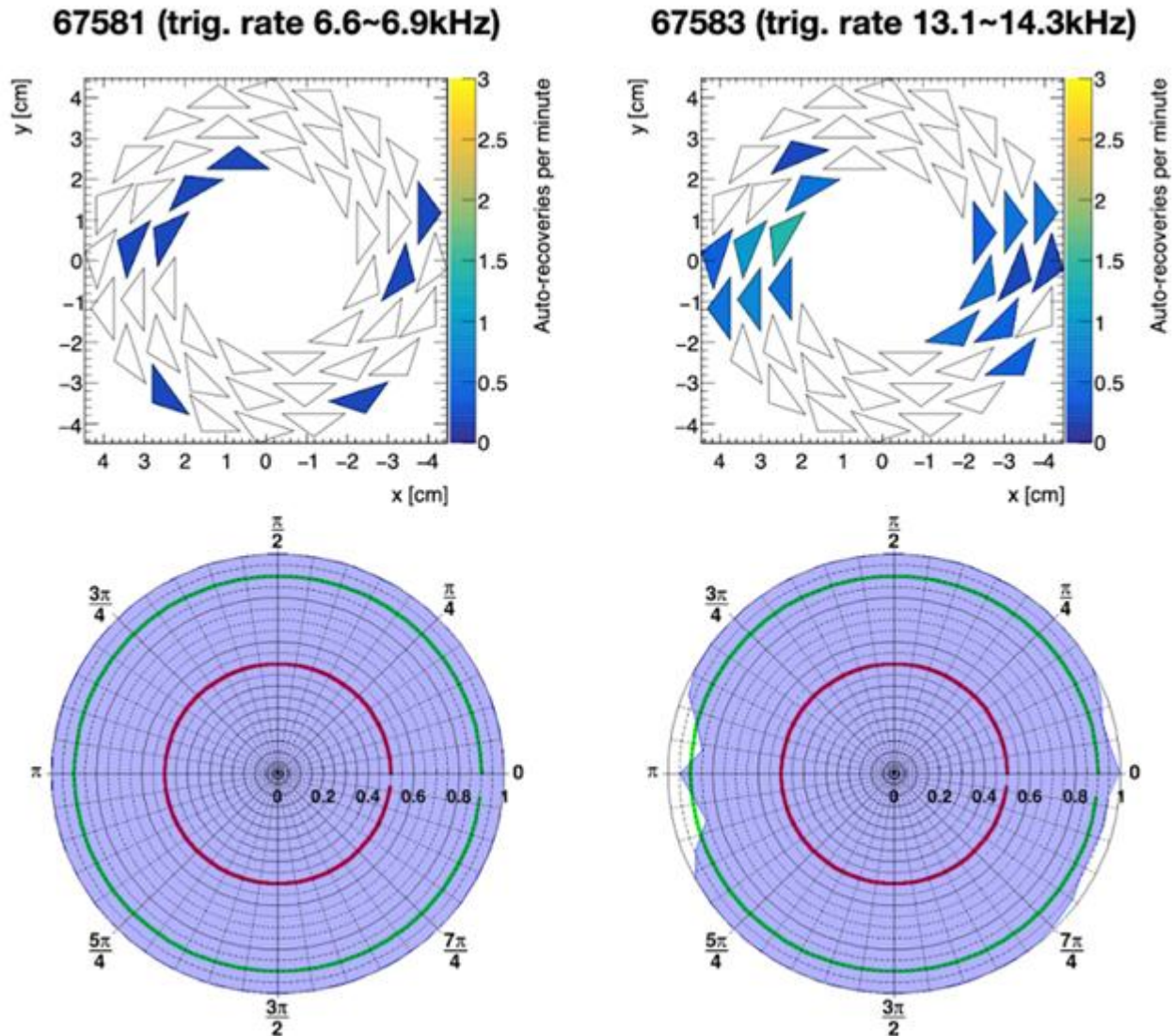
sPHENIX Status & Performance

- All detectors have been used to take collision data in 111×111 stores and ~ready for physics.
- With the MVTX operating in triggered mode, we can start taking physics quality Au-Au data.



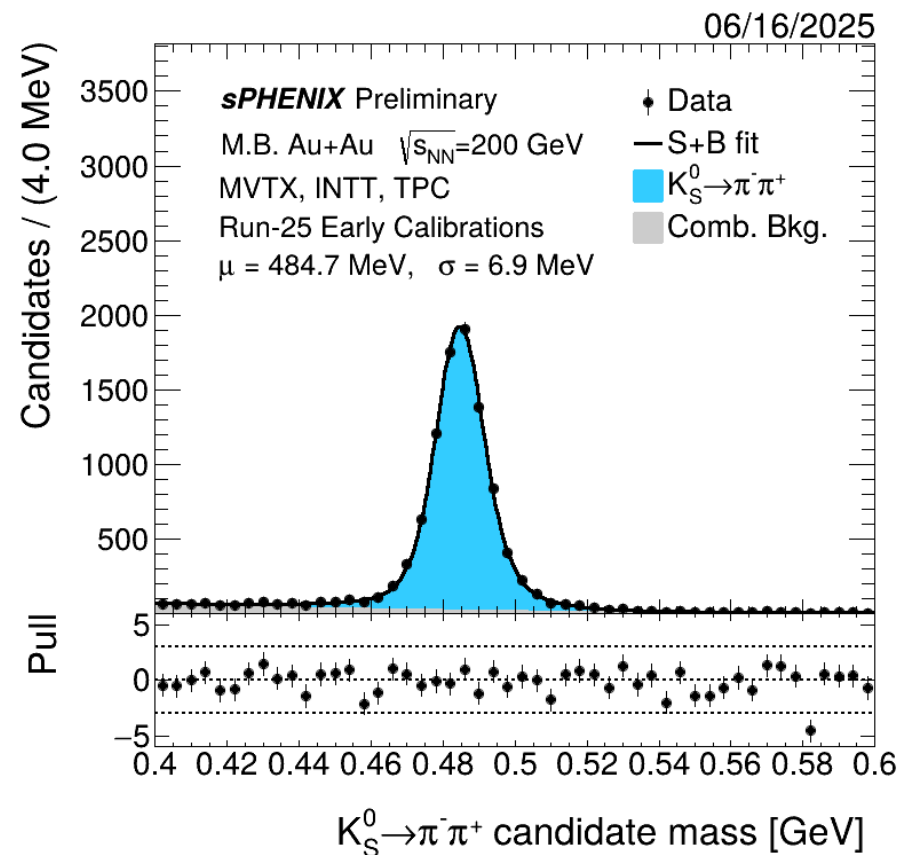
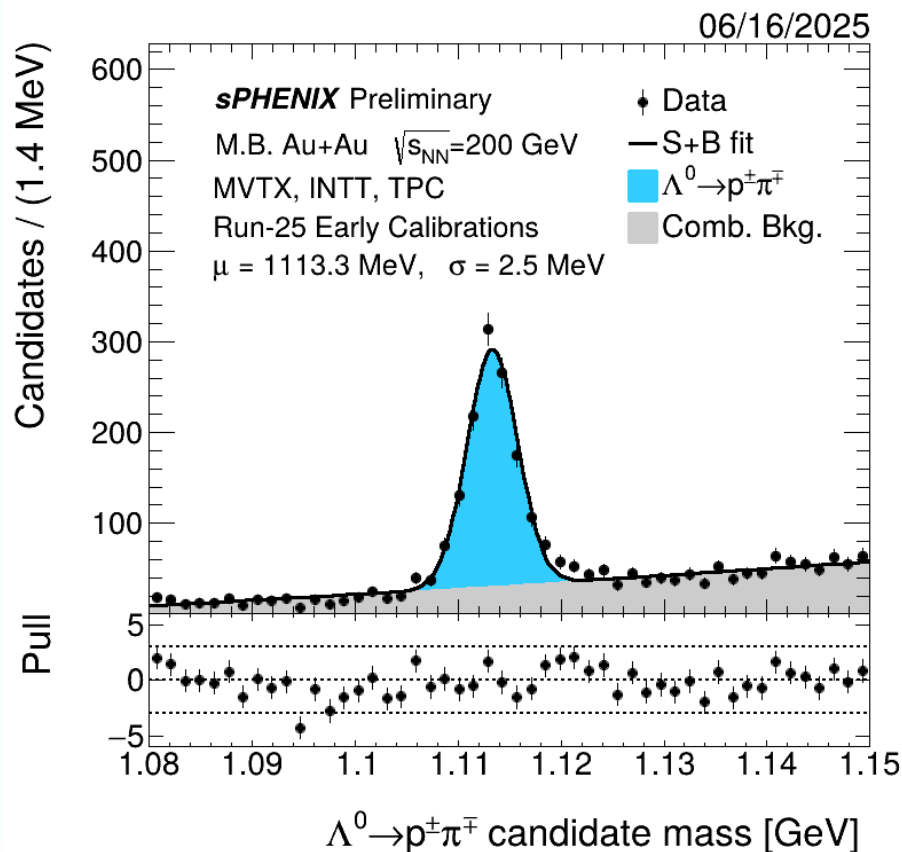
sPHENIX Status & Performance (cont.)

- MVTX performance in triggered mode (small loss of acceptance at the highest rate):



sPHENIX Status & Performance (cont.)

- Invariant mass reconstructions requiring all tracking detectors



sPHENIX Status & Performance (cont.)

