



# PHENIX Run-14 Status

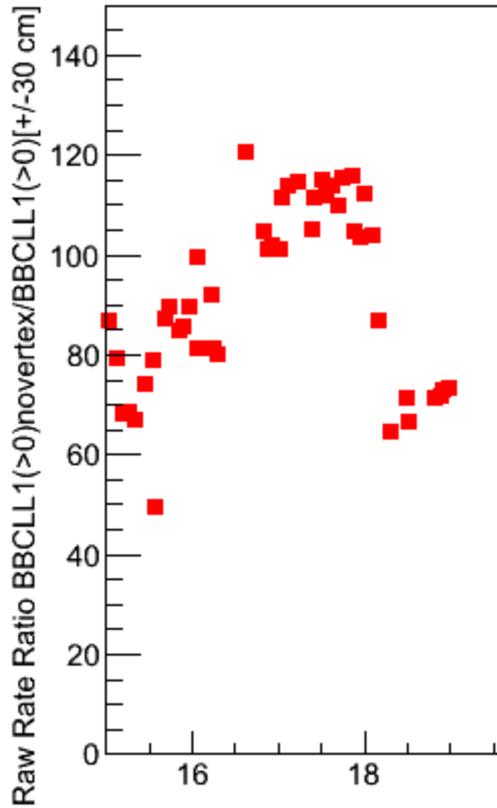
Klaus Dehmelt  
February 25, 2014

# PHENIX Taking Physics Data

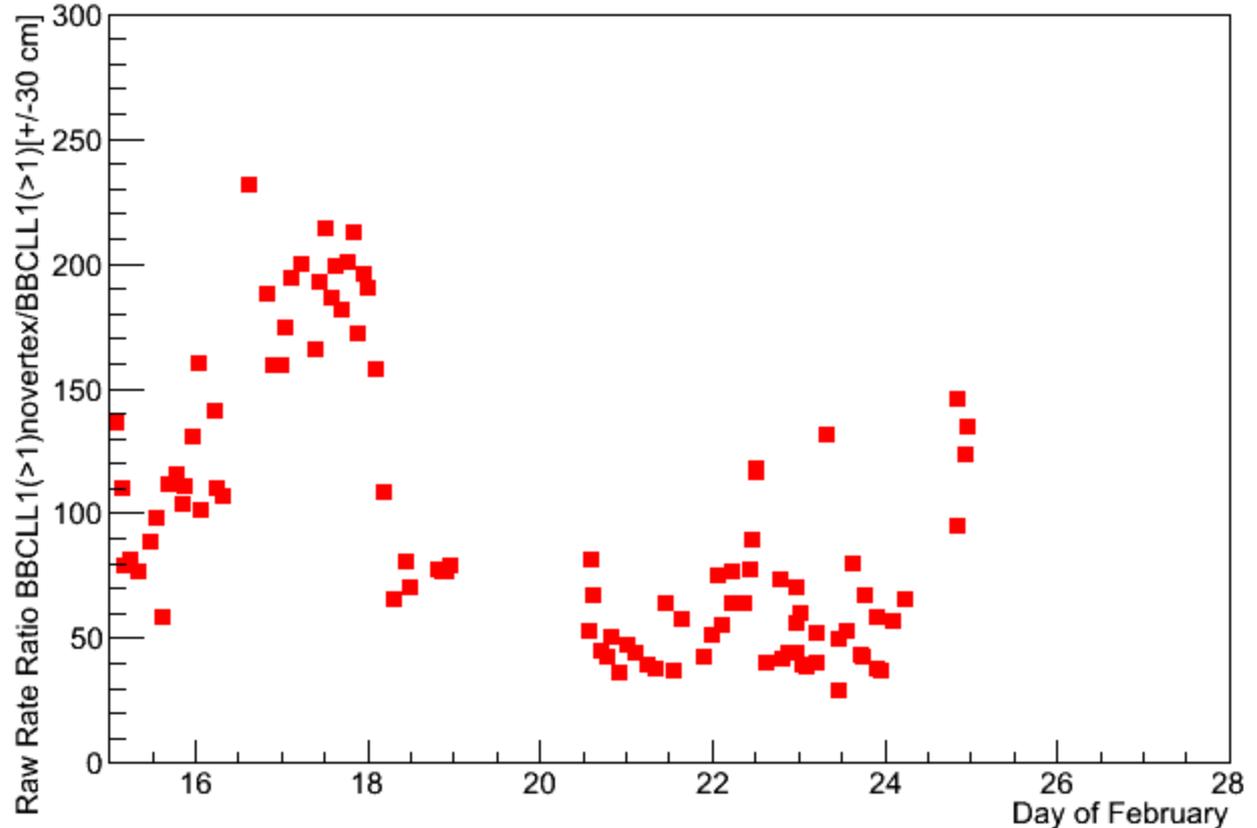
- PHENIX is collecting physics data
- PHENIX is timed in
- Physics triggers being received
- Significant background from Blue Ring
- Increased NOVEC coolant loss
  - Return lines from FVTX and VTX-P show leaks
  - Planning to replace Teflon tubing by stainless steel tubing at next access (unless leak gets worse)

# PHENIX Taking Physics Data

Trigger ratios: NO-Vertex BBC trigger over min-bias trigger



Expected to be ~ 10

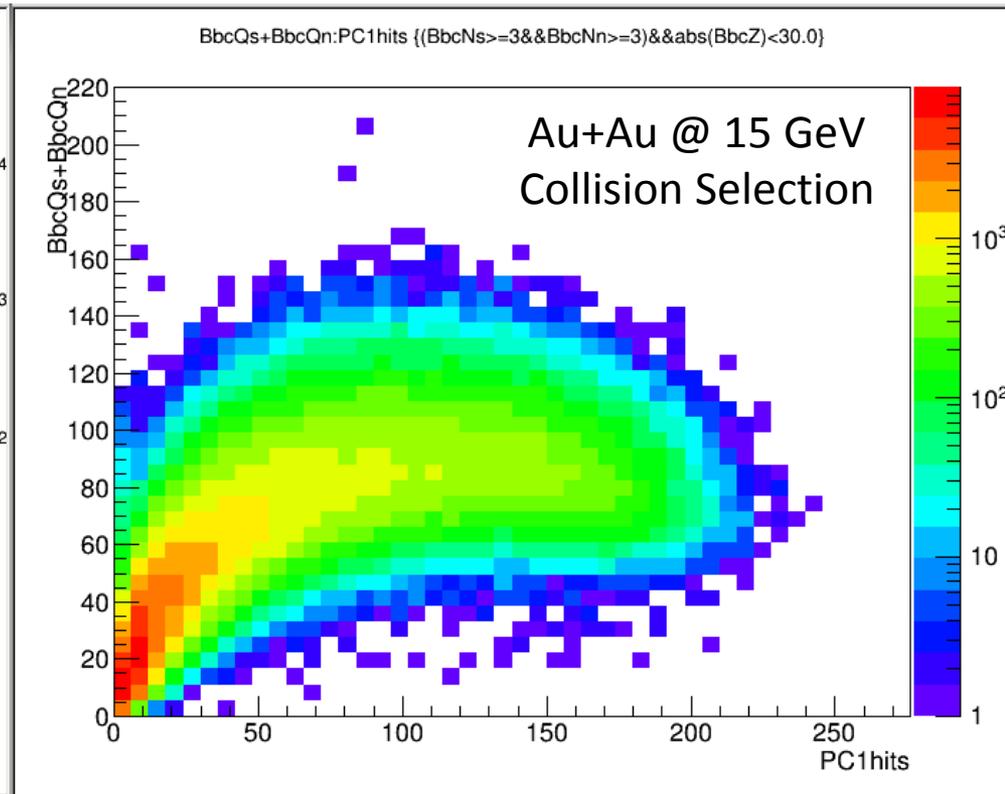
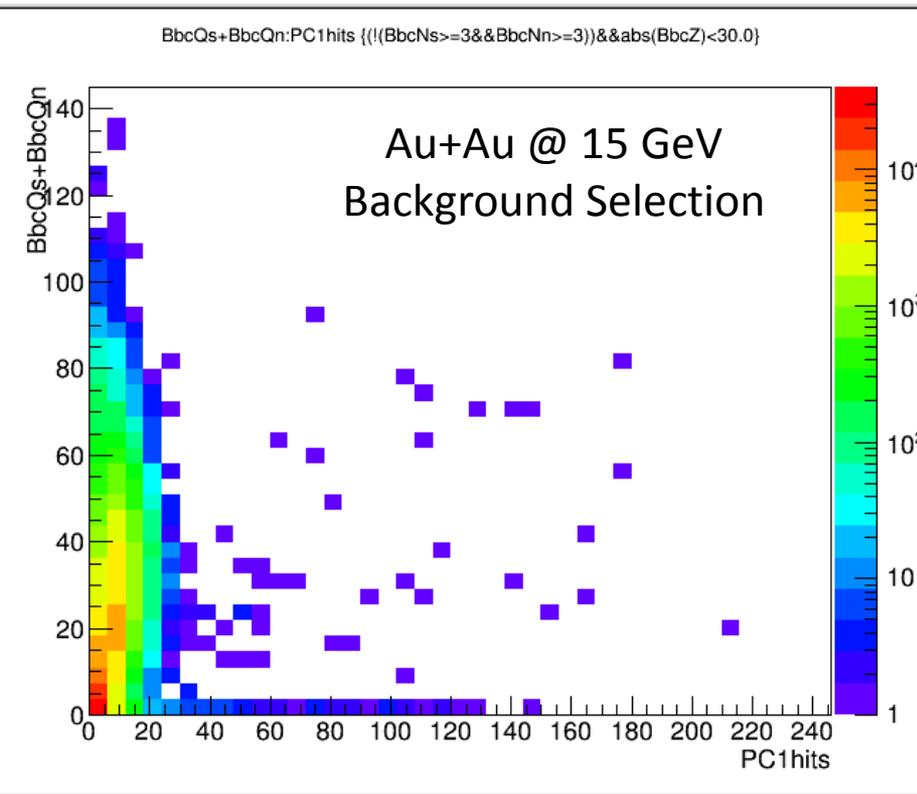


# PHENIX – Data Sampling

BBC Trigger within +/- 30 cm

BBC S/N fires with less than 3 tubes

BBC S/N fires with more than 2 tubes



J. Nagle

# Calendar and Plans

- PHENIX continues taking data
  - Number of real Au+Au @ 15 GeV events:  
~ 6.3M events (Feb. 25) ( $L_{\text{int}} \sim 1/\mu\text{b}$ )
- Need to look into possible background source in PHENIX-South
- Access on next possible access
  - Fix NOVEC leak issue