

RHIC status

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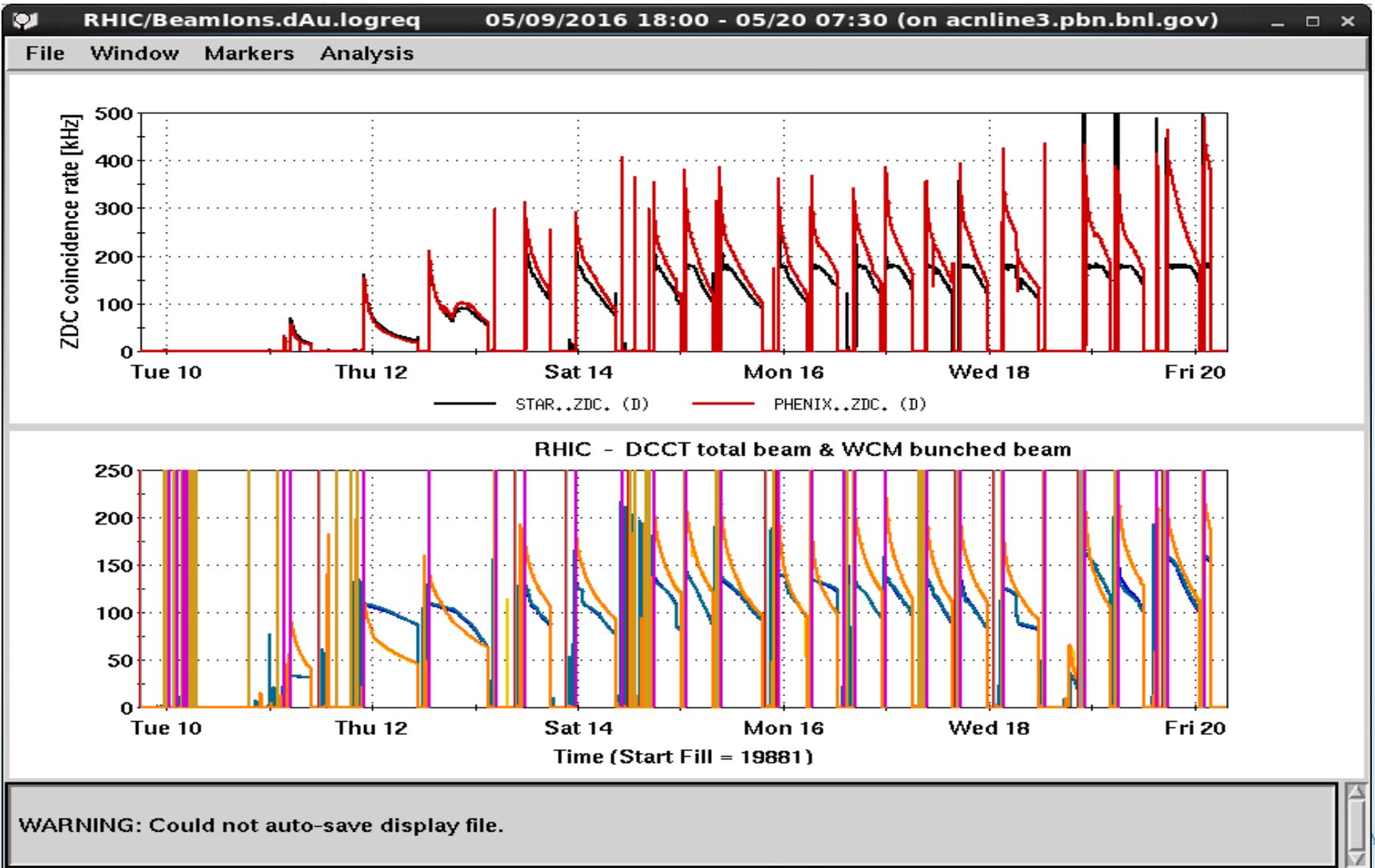
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RHIC status

- 200 GeV dAu program completed on Friday, May 20.
- 62.4 GeV dAu program started smoothly afterwards.

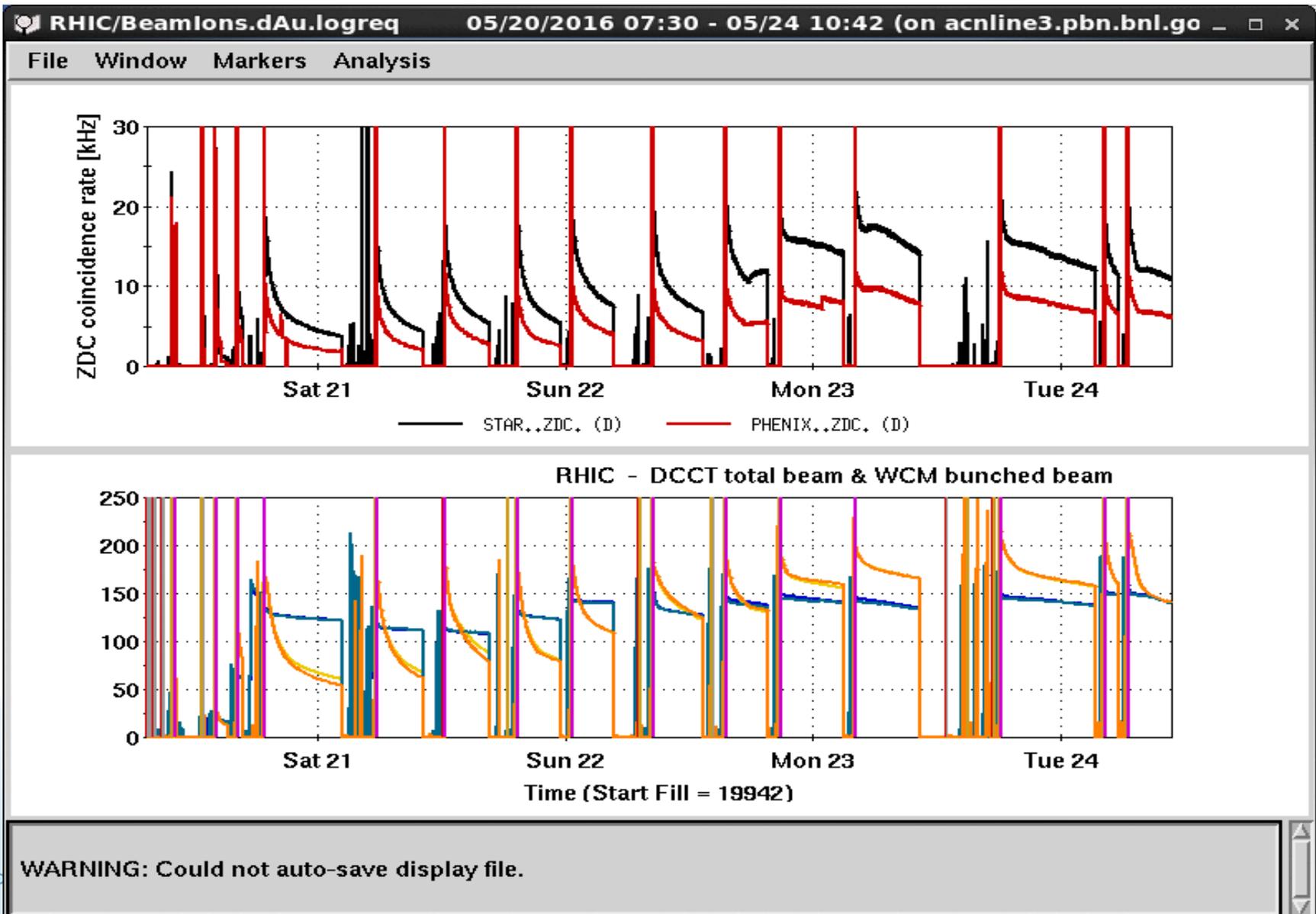
200 GeV stores



Summary of 200 GeV dAu

- Yellow injection kicker ceramic pipe was replaced, no longer limiting intensity of Au beam.
- The IR2 aperture limit was overcome and the beam loss on undulator was under control.
- The 56 MHz cavity has been operational since the first dAu physics store, with voltage raised to 1 MV in the last three stores.
- Both experiments happily agreed to switch energy.

62.4 GeV stores so far



Some details

- Permit pull by loss monitor due to coherence was mostly understood, the solution is chrom adjustment.
- There is trouble inserting the vertical SC cooling device due to large beam size. The solution is to act quick, push in collimator and limit the intensity of Au beam $\sim 2E9$.
- Blue Landau cavity is stable with $1.7E11$ ppb deuteron injected.