

RHIC status

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Time meeting

08/11/2020

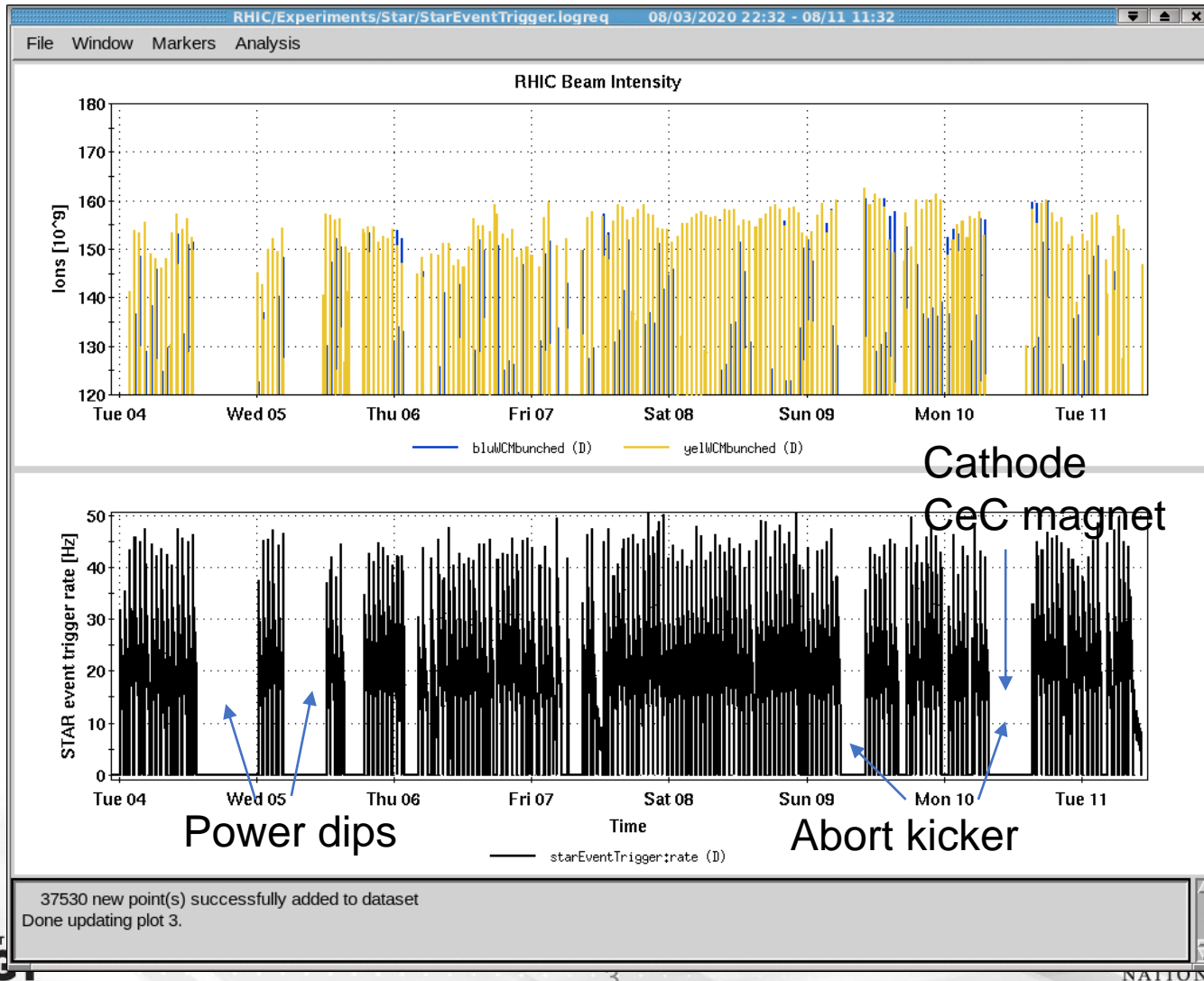
BROOKHAVEN
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RHIC status overview

- Smooth RHIC operation over last week with high up-time, stable LEReC cooling, stable intensity input from injectors, a few small-scale power dips.
- CeC beam commissioning continued with beam in low energy transport. The team is ready to use dedicated time after a fix of a dipole magnet.

RHIC stores of last week



Abort kicker issues

- Yellow abort kicker permit fails when a dump/cogging reset is issued. The problem was fixed by replacing a power supply on the permit chassis.
- Blue abort kicker was not able to charge 5 kV sometimes. The voltage was reduced to 4.8 kV as a temporary measure. The problem was fixed by swapping the ALE ps with the F3 kicker.

Plan for the week

- CeC dedicated time for 16 hours starting from 8 am Thursday.
- Fine tuning of RHIC with stable running conditions.
- Physics running at all other times.