

STAR Weekly Time Report

Period Coordinator

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06/17--07/01/2025

Incoming Period Coordinator

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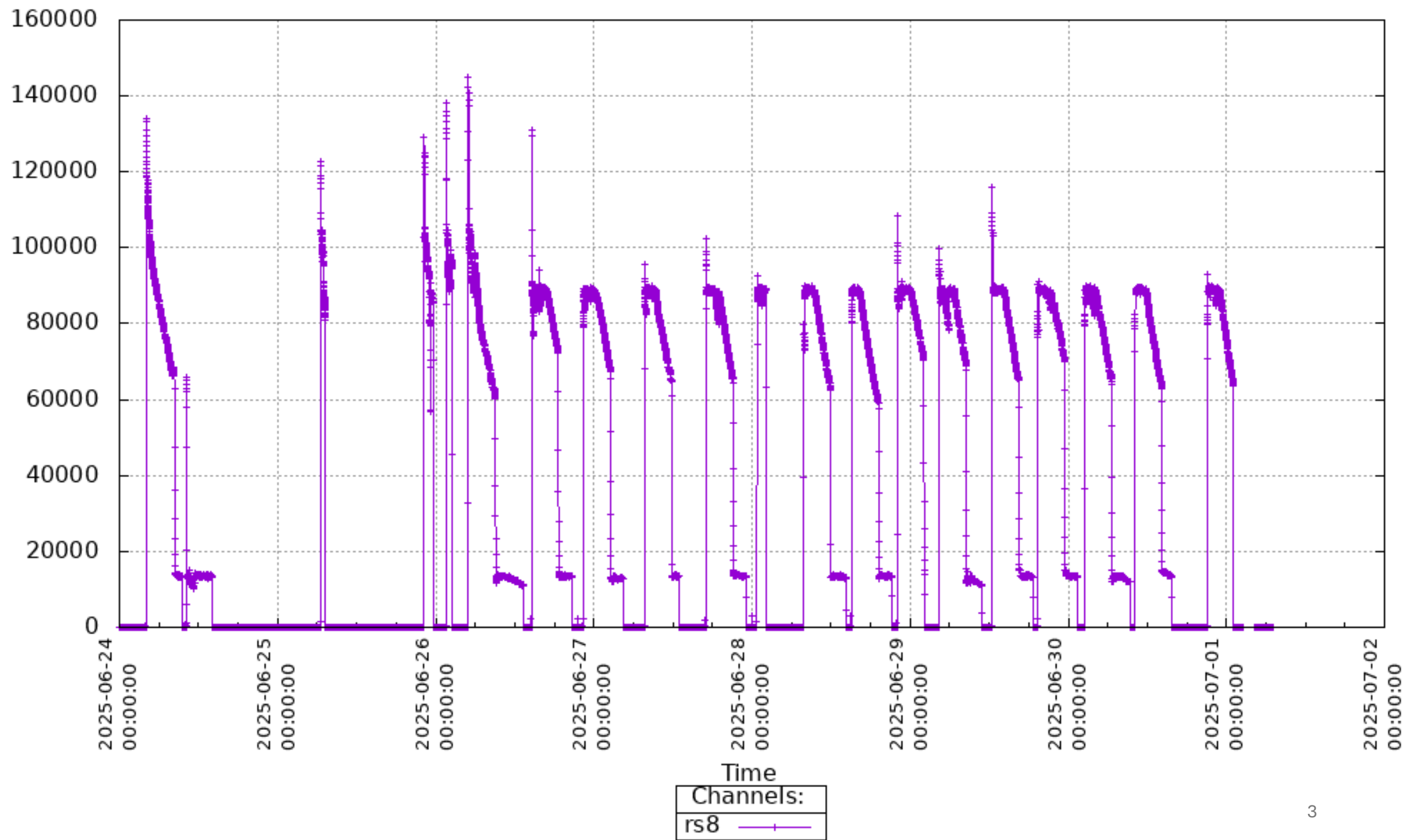
Weekly Summary

- Physics Data since 06/09
- Luminosity leveling 13KHz ZDC with 1mrad crossing angle
- Accumulate datasets:
Minbias: 1.2B evts
Goal: 9B

- High-Luminosity Physics Data: since 06/20
- No crossing angle,
[request leveling at 100kHz](#)
significant auto-recovery and deadtime above 100kHz
- Accumulate datasets:
BHT3: 1.03/nb
Goal: 28/nb

A few hiccups: west poletip trip, BTOW canbus power cycle, power dip
During the day time of hot weather, STAR magnet could not hold at full field,
run at half field, (1mrad crossing, 13kHz leveling), physics datasets: minbias+UPC

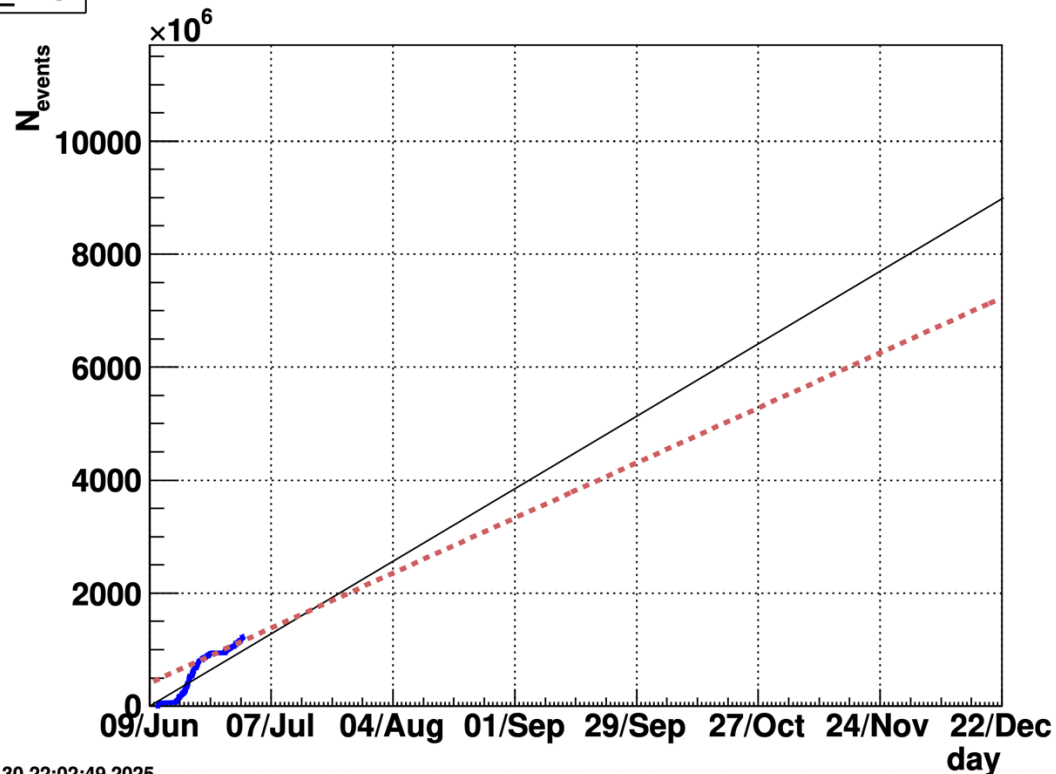
ZDC rate



Physics Goals

Minbias dataset

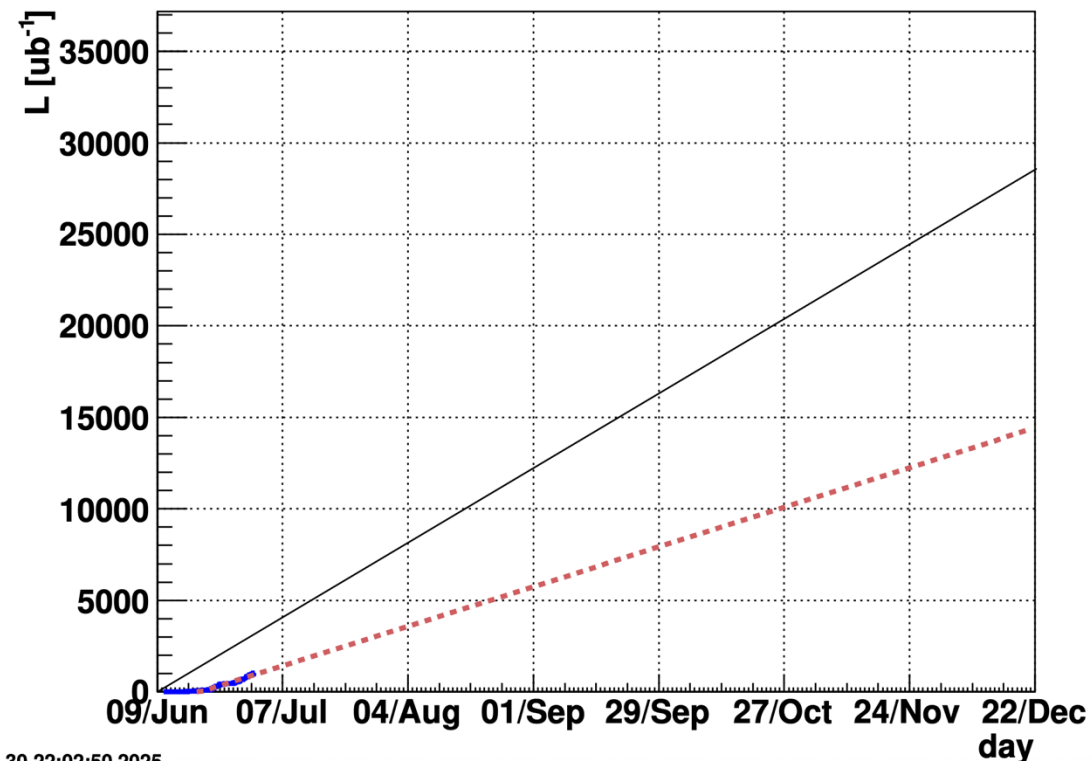
zdc_mb



Mon Jun 30 22:02:49 2025

High-luminosity high-energy trigger dataset

BHT3



Mon Jun 30 22:02:50 2025

Look into details of operation efficiency and optimization.
Still a long way to reach our goals,
projections look promising.