

# STAR



→ Status Update

**Matthew Kelsey**

Jan. 25, 2022

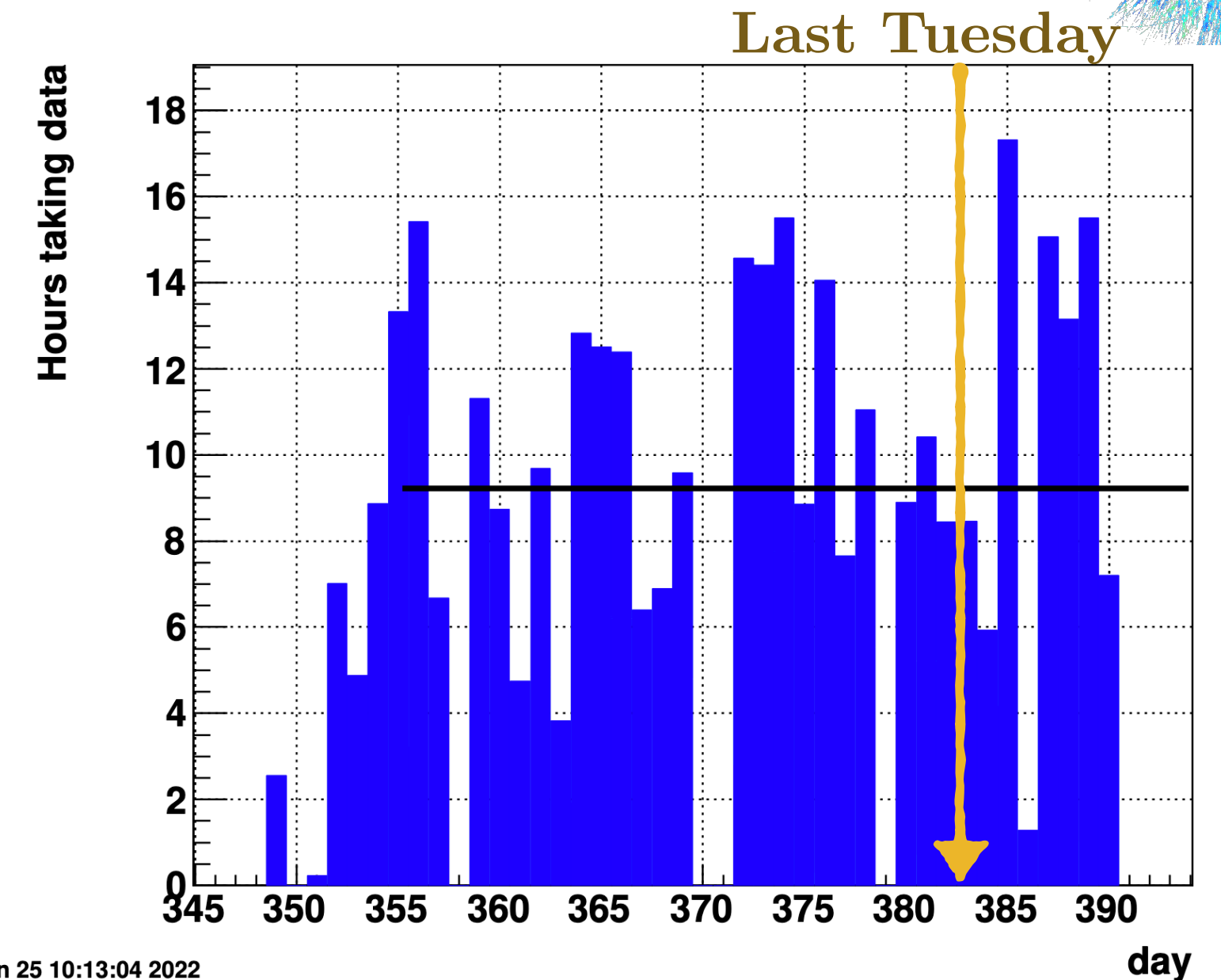
# Recap of Last Week



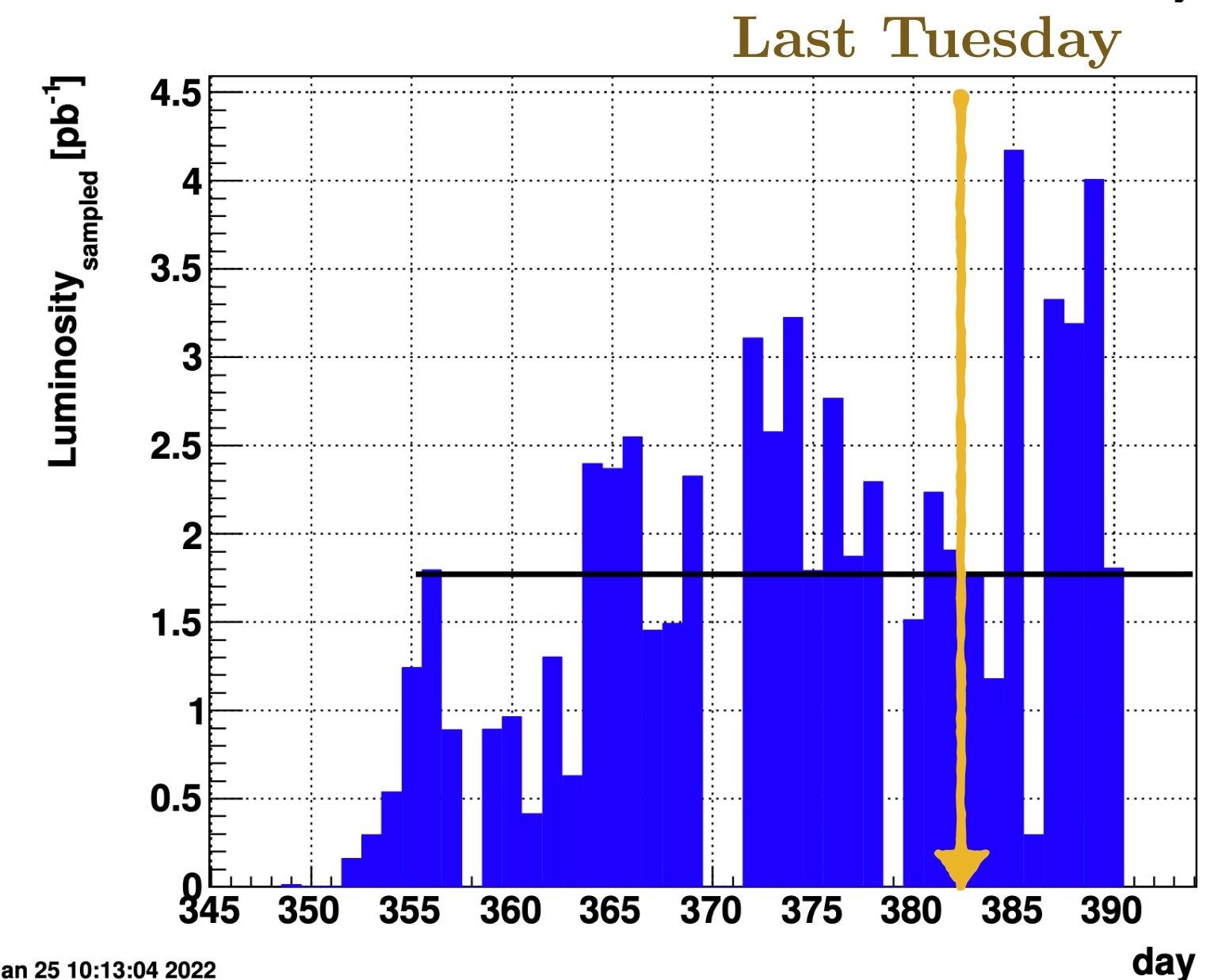
Last few days have been the best so far in terms of sampled luminosity:

- STAR has further optimized data-taking procedures to minimize run delays at beginning of and during stores
- Luminosity improved with new initial  $\beta^*$  squeeze & higher AGS intensity, and consistent and stable fills

Run goals still limited by overall reduced polarization and luminosity



Tue Jan 25 10:13:04 2022

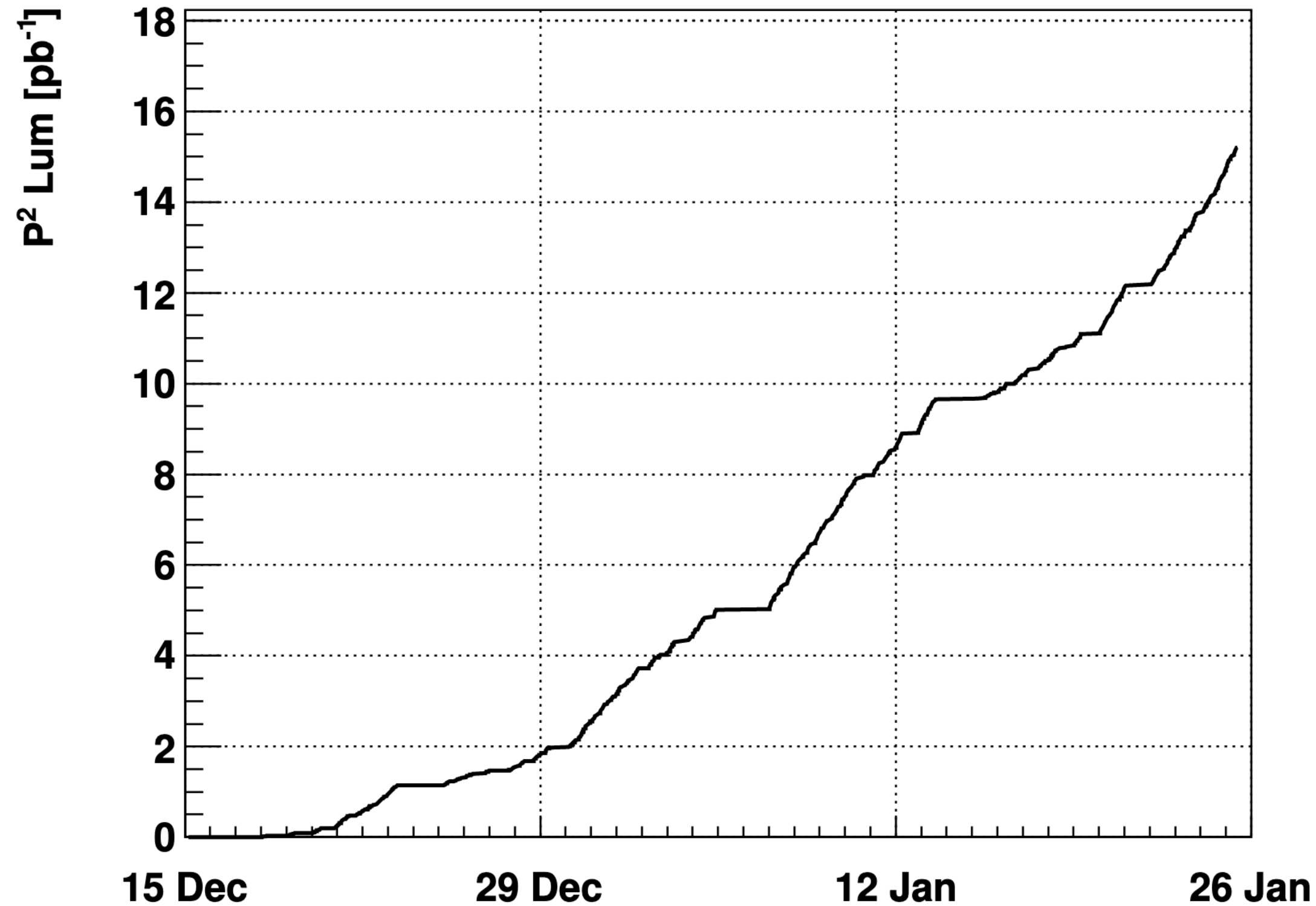


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# Current Status vs. BUR

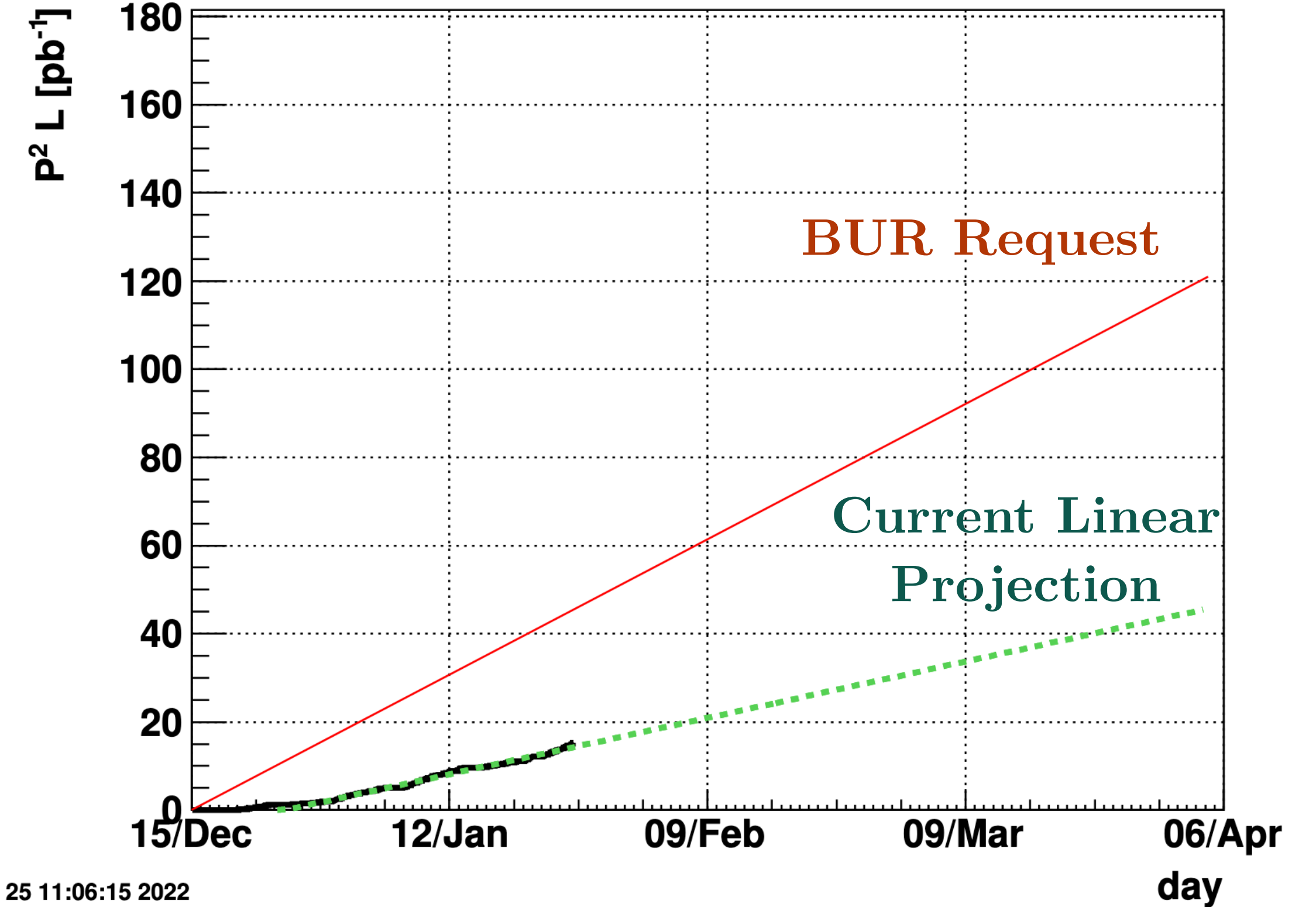


BHT3



Tue Jan 25 11:05:42 2022

BHT3



Tue Jan 25 11:06:15 2022

Figure of merit:  $P^2 \times L$ ; BUR request:  $120 \text{ pb}^{-1}$