Status

Days 104-110

Oleg Eyser

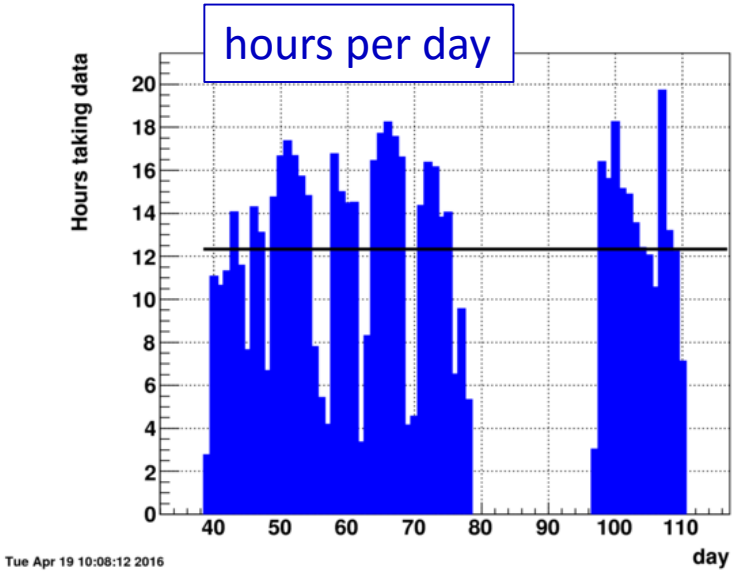
Time Meeting

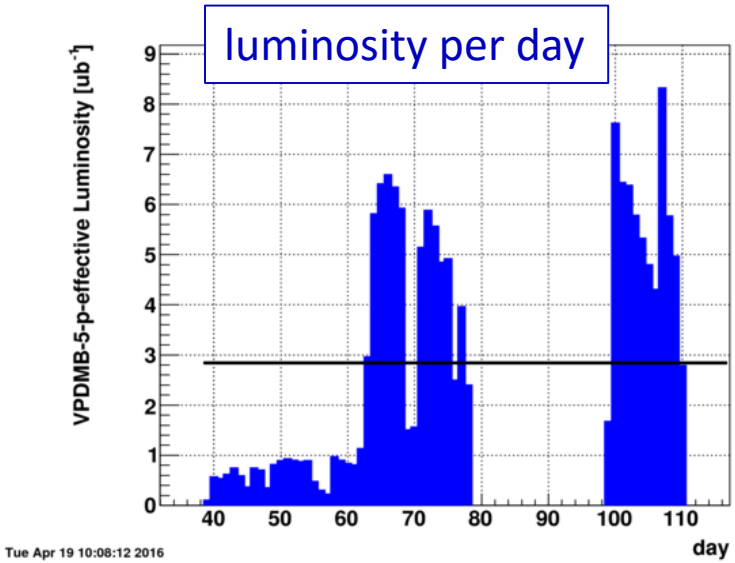
April 19, 2016

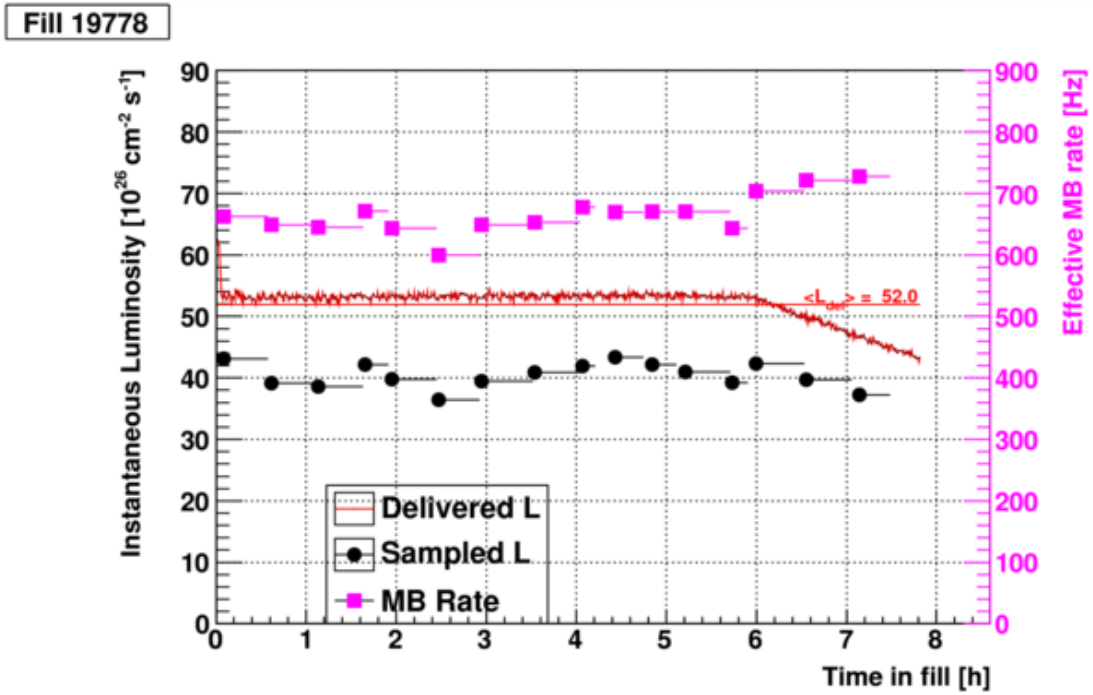
BROOKHAVEN NATIONAL LABORATORY

U.S. DEPARTMENT OF ENERGY | Office of Science

Sampled Luminosity







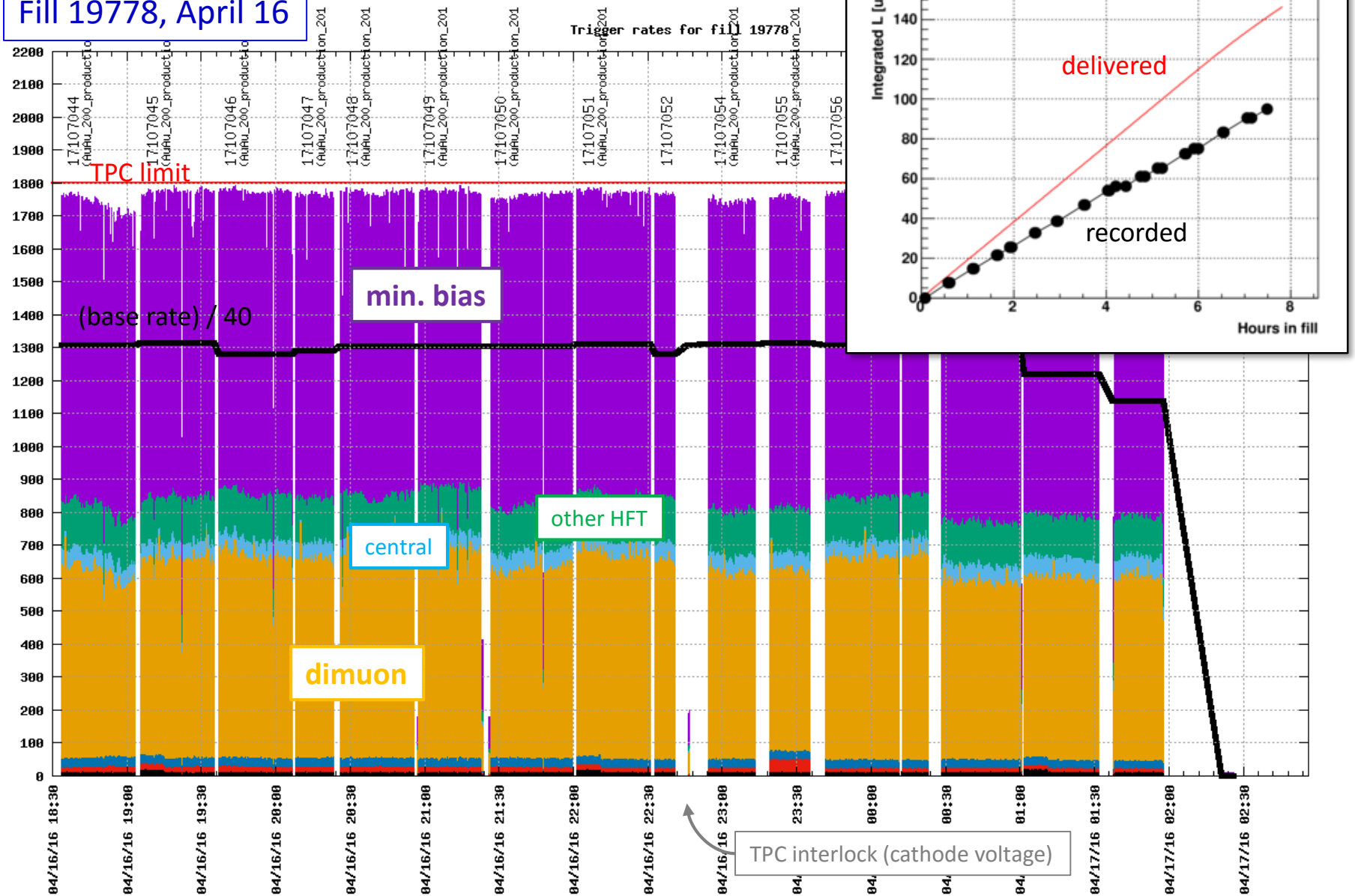
Almost 20 hours of data taking on Sat. April 16

BUR request assumes 95 hours uptime per week

APEX, machine development, short maintenance

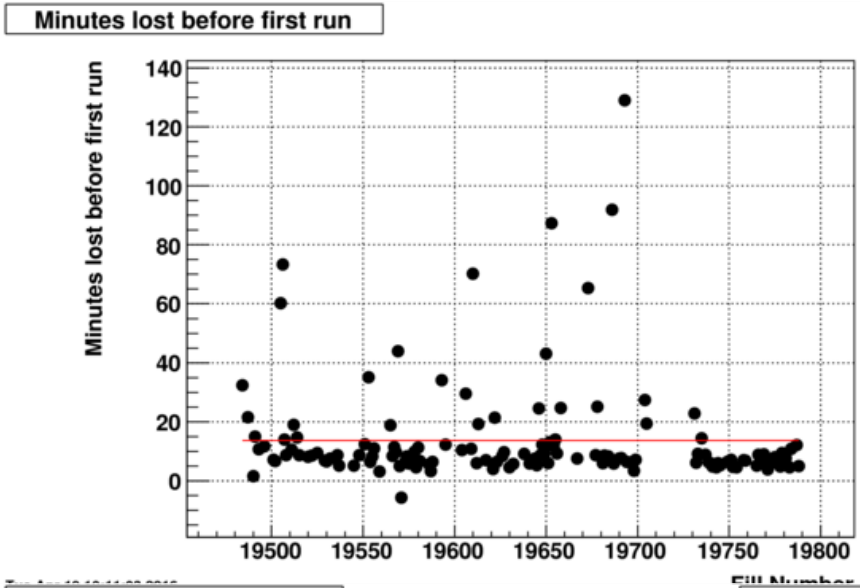
Sampled Luminosity

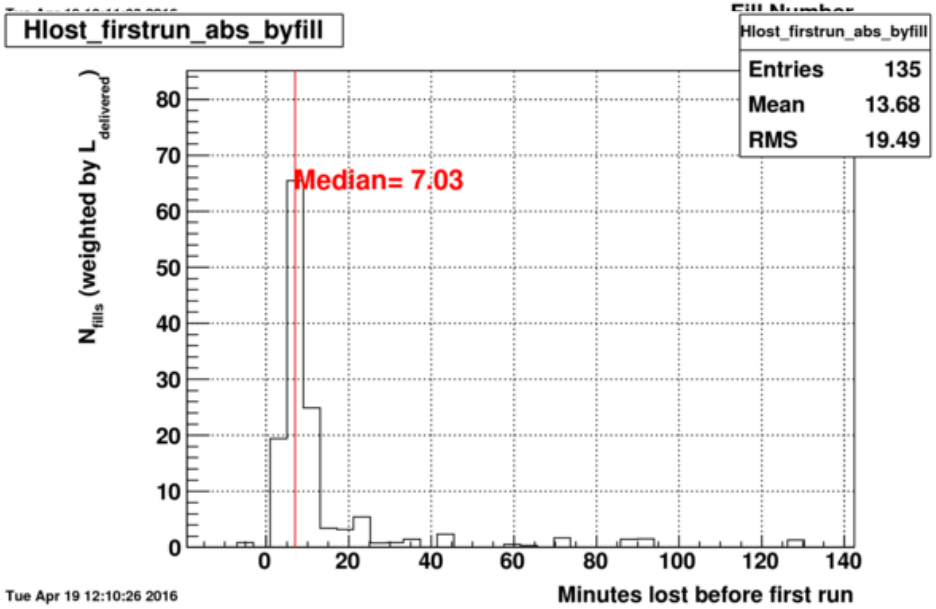
Fill 19778, April 16



Detector Readiness & Efficiency

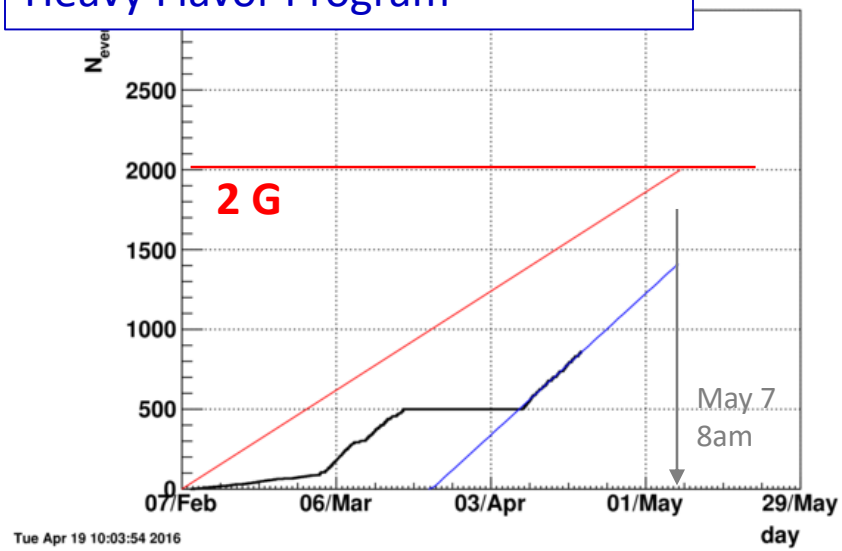
- Overall stable operations with a few interventions from experts
- Very efficient shift crews
- Bringing up most detectors at flattop
- Silicon detectors only when ZDC < 80 kHz
- Taking data within 4-5 minutes of PHYSICS ON
- Small adjustments of trigger mix for optimal use of delivered luminosity
- Using good fills with short turnaround times



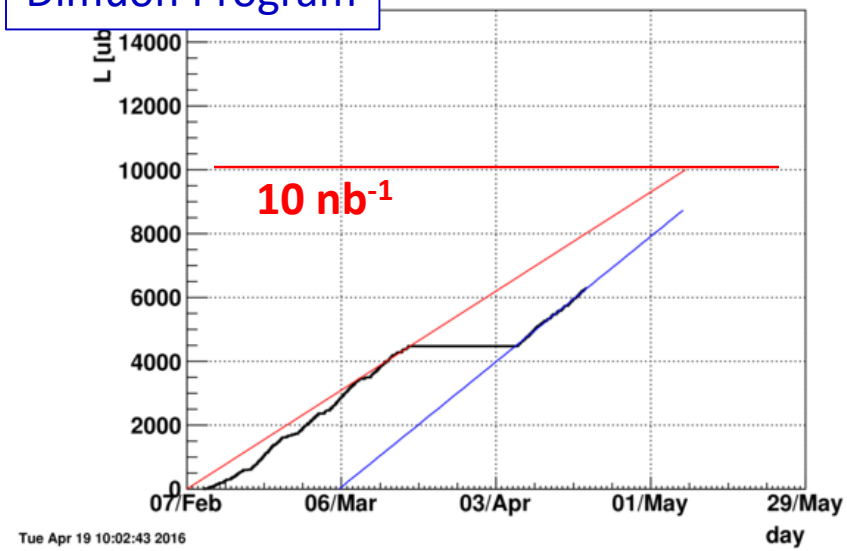


Sampled Luminosity

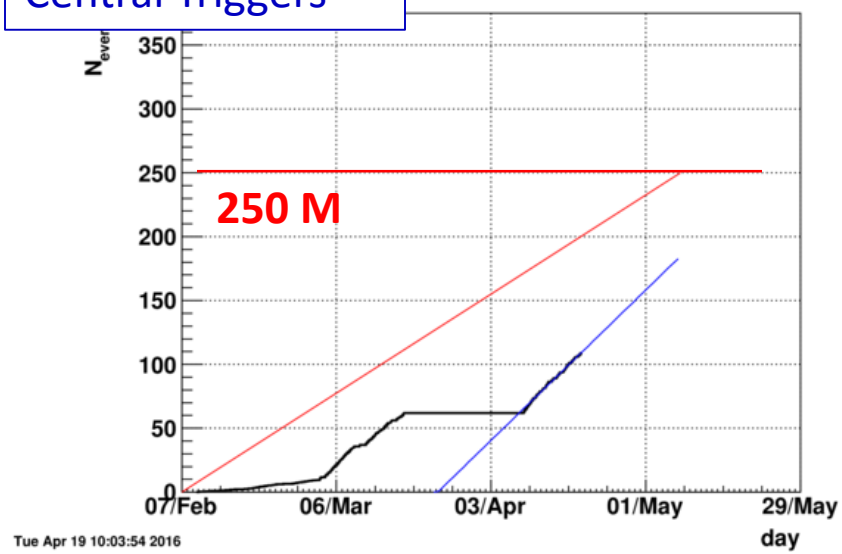
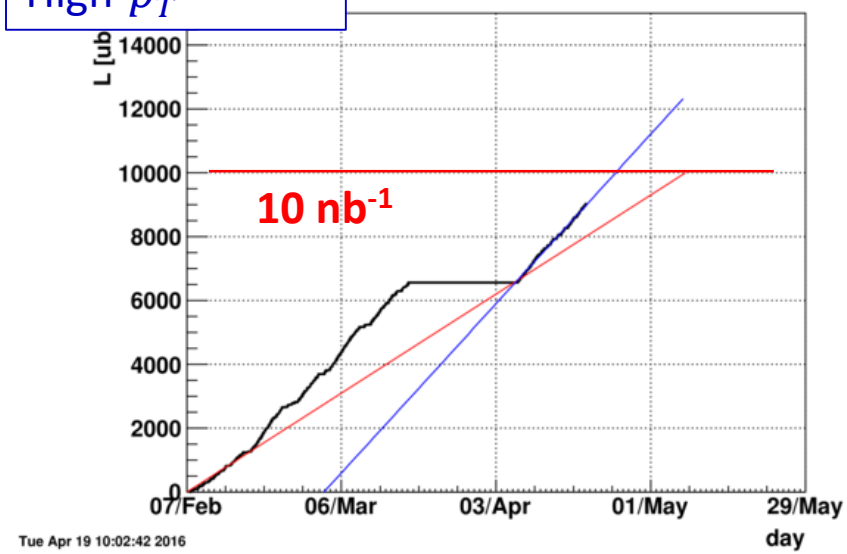
Heavy Flavor Program



Dimuon Program



Central Triggers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