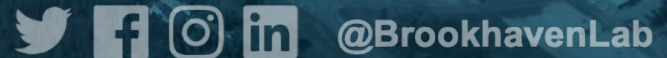




Preinjectors Status

D. Rraparia
Time Meeting

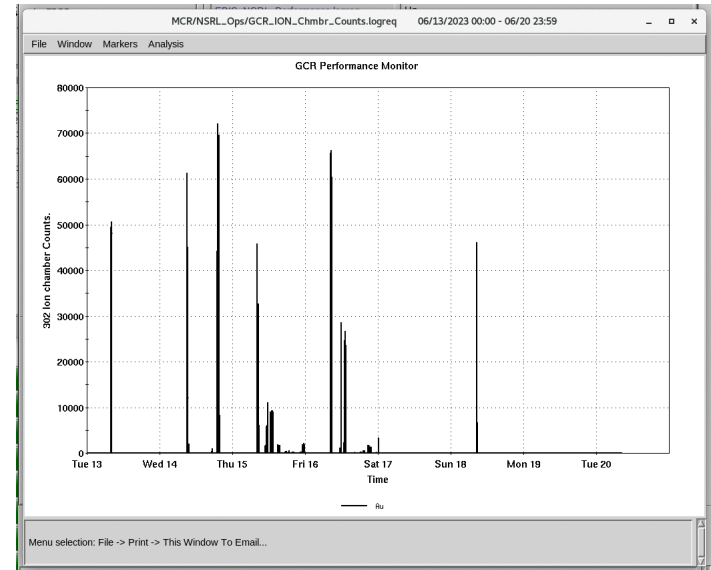
June 20, 2023



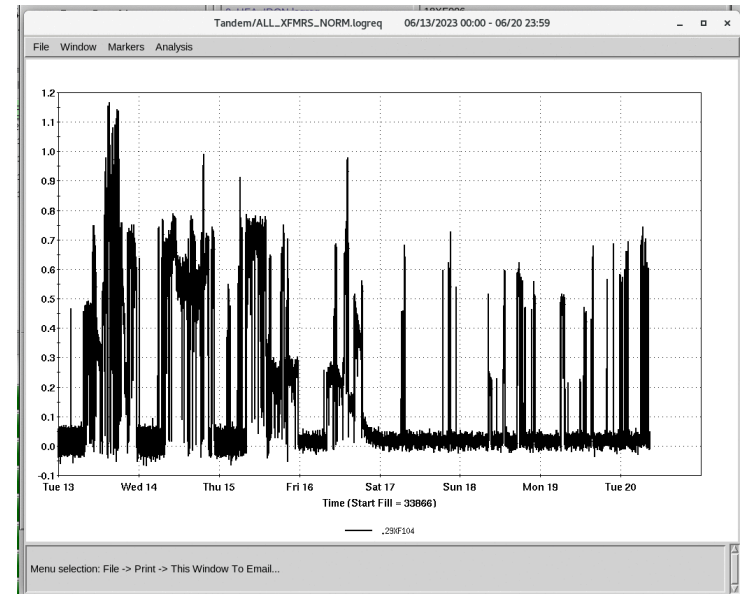
Tandem

- Au for NSRL
- 6/14: ion source problem on MP7 NII north port, switched the extraction PS and also switched to the ion source on the south port. No time was lost as RHIC was at store.
- The ion source from the north port has been rebuilt and is ready to be reinstalled.

Au at NSRL



Au +31 at TTB section 29



EBIS

- 6/13: Bakeout finished
- 6/14: While ramping SC solenoids. , 2nd solenoid quenched (3.5 T)
- 6/15: 2nd solenoid quench again at 2.3 T
- 6/16-18, Ramp again 2nd solenoid only , then ramp done 4 T , bring 1st solenoid to 4T, then both to 5 T, at half the ramp rate
- 6/18: HV platform issue
- 6/19: fix the HV platforms PS issues, reseal cable, change PSI,
- Si11+ was achieved ,
- While trying Au , the platform HV Pulser issue, changes to spare one, continue tuning Si+11
- Will repair the pulser today

Linac

- Beam to NSRL & AGS setup and BLIP at 200 MeV
- 6/16 started Th irradiation about an hour late
- 6/16: RF Mod 7 tuning , (1 Hrs)
- 6/16: Process water shaft leak probe 2 trip , bypassed (1.5 Hrs)
- 6/17: Process water shaft leak probe 1 trip , reset (1.0 Hrs)
- 6/18: Process water shaft leak probe 1 trip , Bypassed (8.0 Hrs)
- 6/18: HI source-1 shorted, change to source -2, (behind probe1)
- 6/19: Beam stop closed , Access control (2 Hrs)
- 6/20: Check the water shaft leak – several hours
- 6/16-120, several RF trips Buncher, RFQ, Mod 5, 7 and 9 (< 1Hrs)

BLIP Integrated Current Comparison

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY2022 FY2023

