

Preinjector Status

J. Ritter/D. Raparia
Time Meeting

September 23, 2025

Tandem

RHIC Operations

- MP7 Issues, hold-off problem with a HV feedthrough
- MP7 open undergoing repairs, feedthrough has been removed
- A portion of equipotential ring was dislodged during a spark
- Once replacement feedthrough has been fabricated and tested it will be installed and MP7 can be refilled with SF6
- Operations has shifted to MP6
- MP6 Beam has been established for RHIC

-External Users

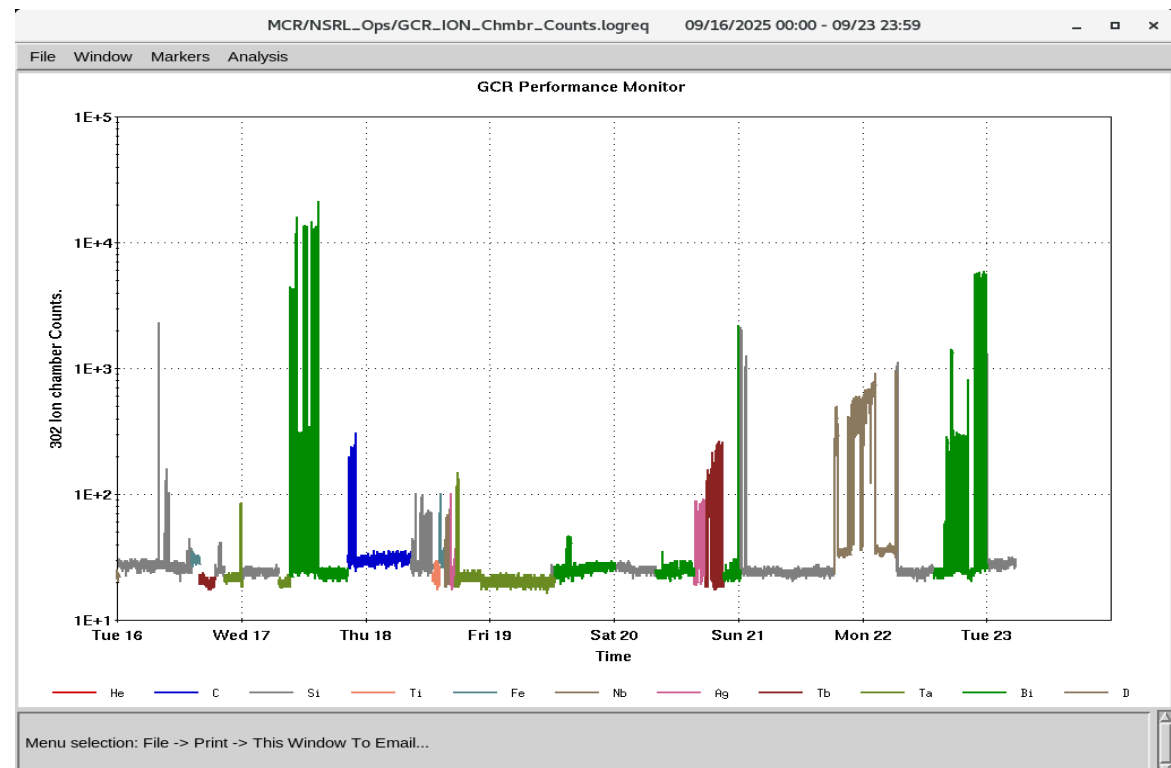
- No users last week, this week users postponed until October

EBIS

- H_2^+ delivered to NSRL $\sim 1.2 \times 10^{10}$ (protons)
- Smooth operation for NSRL
- EBIS will provide Protons for NSRL Biology

IONS to NSRL

H_2^+ , C^{+5} , Si^{+11}
 Ti^{+17} , Fe^{+20} , Nb^{+23}
 Ag^{+29} , Tb^{+35} ,
 Ta^{+38} , Bi^{+43}



LINAC

- RF work completed in Tank 5
- Vacuum pump down/leak check ongoing
- OPPIS preparation is underway