

AGS/Booster Status

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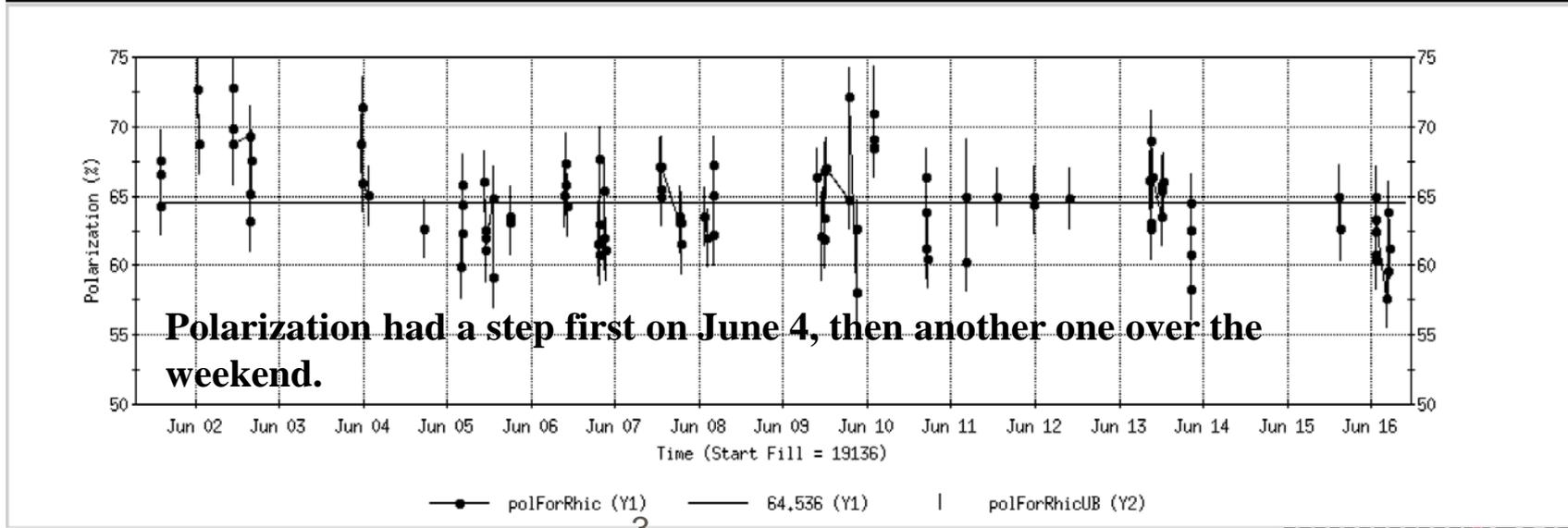
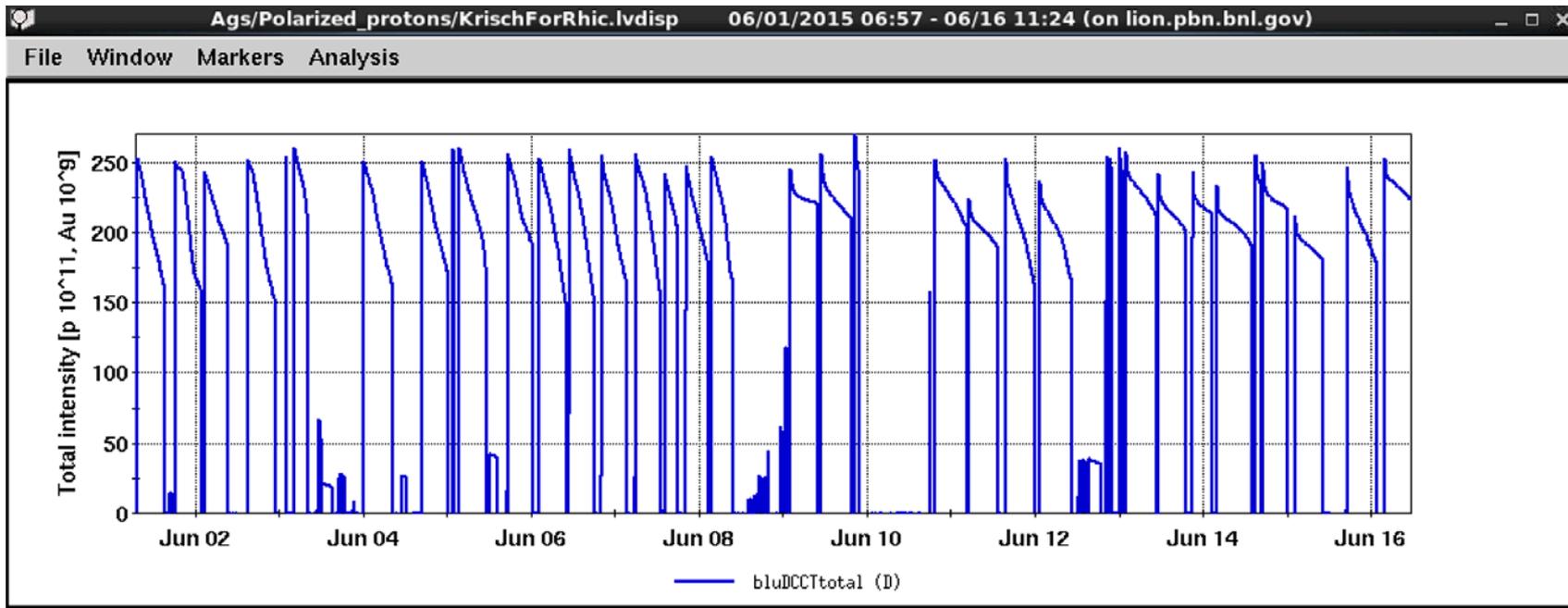
June 16, 2015

Time Meeting

Status

- Aluminum intensity is about $1.4E10$ at AGS extraction. Developed a horizontal scraping to maintain intensity and emittance for RHIC fill.
- AGS vertical eIPM works fine after switched orientation last maintenance day. We continue to commission it.
- The gain for Siemens P bank controller gain has been increased since last Thursday. The hope is to reduce the fluctuation of B fields.
- AGS polarization is lower started the weekend, JQ on showed no benefit. We developed new jump quad timing files and it did not help. A quick horizontal polarization profile measurement confirmed that the profile is larger. We spent time on the fast rollover on the last part of the energy ramp, but it did not help.

AGS Polarization for RHIC Fills (Last 2 Weeks)



Polarization had a step first on June 4, then another one over the weekend.