

RHIC Polarimetry: p-Carbon Status

Dmitri Smirnov

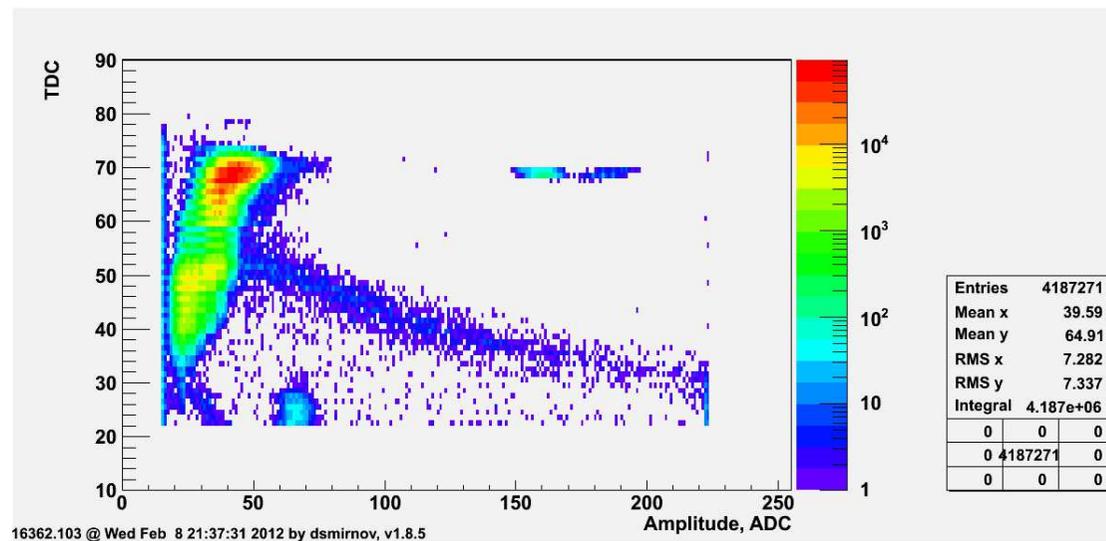
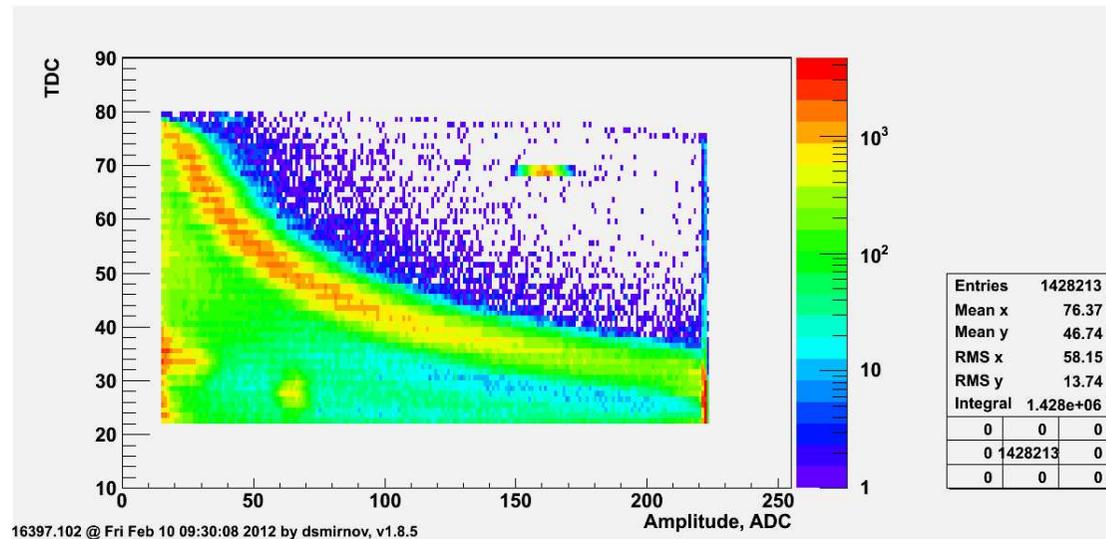
for the CNI polarimetry group

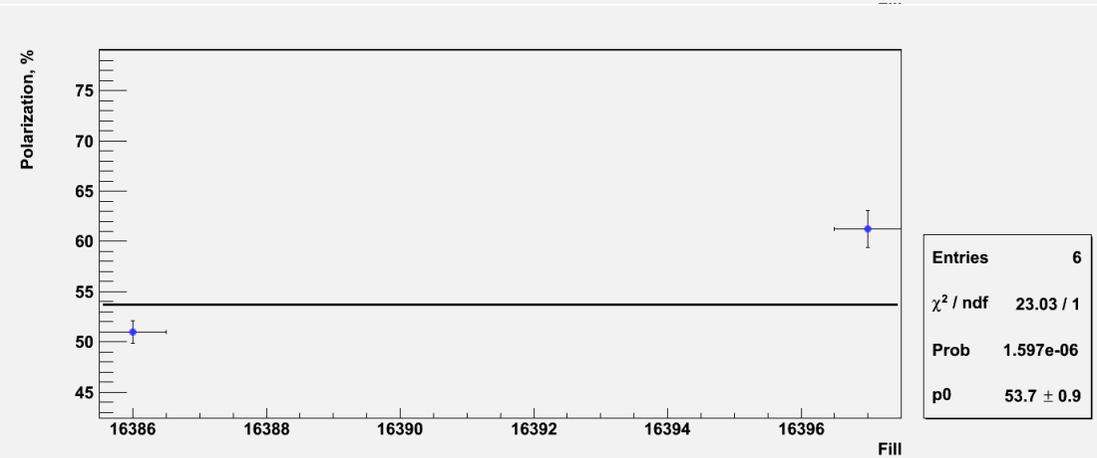
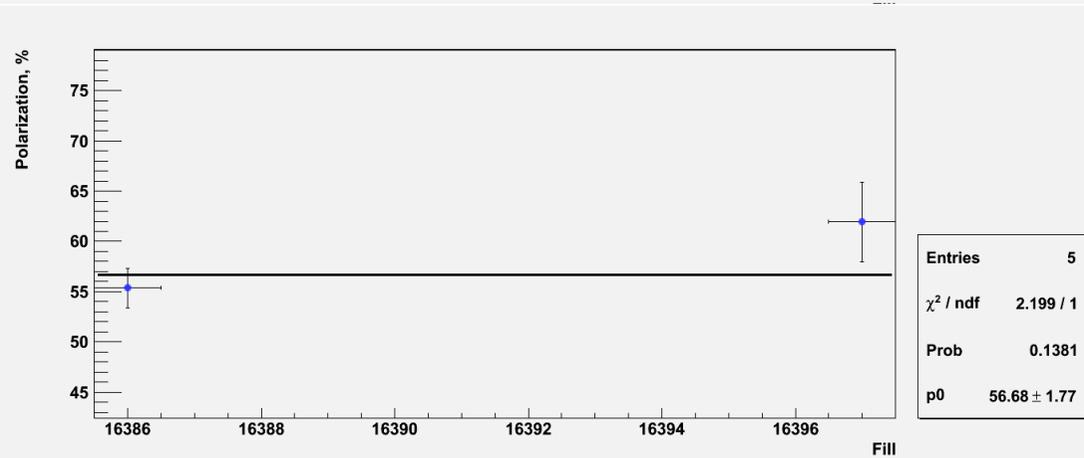
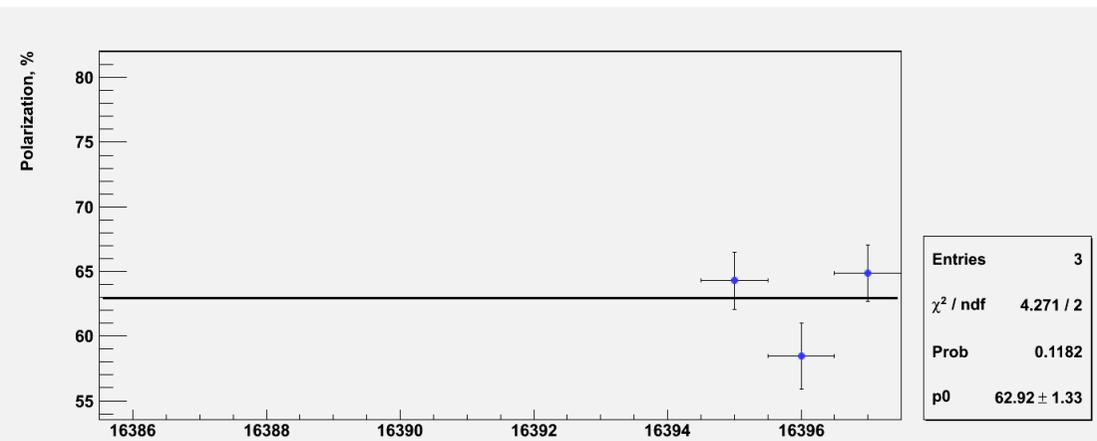
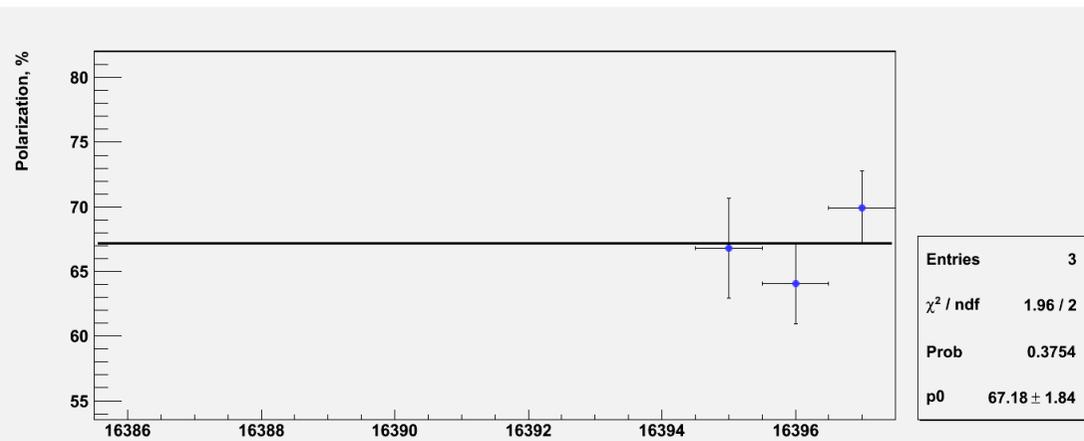
February 10, 2012

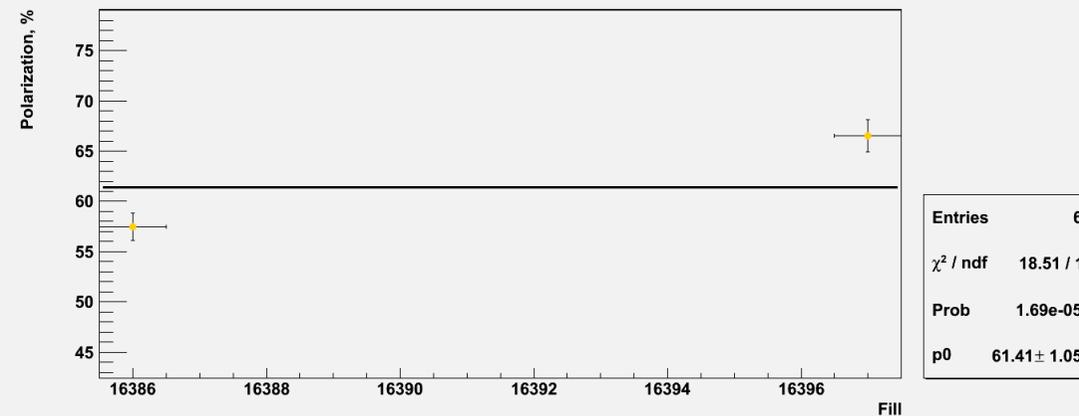
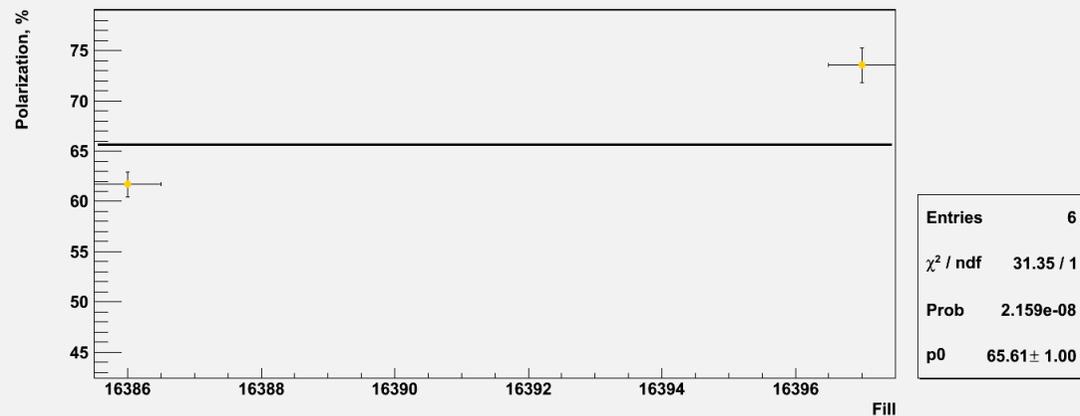
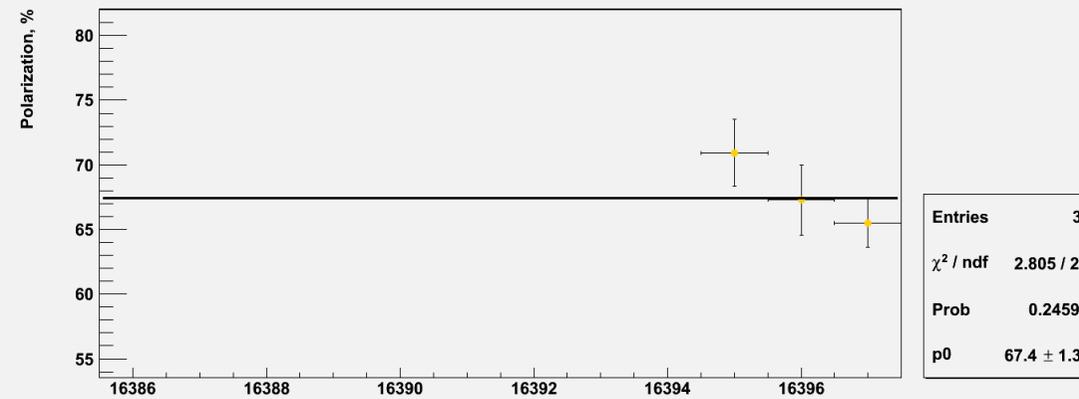
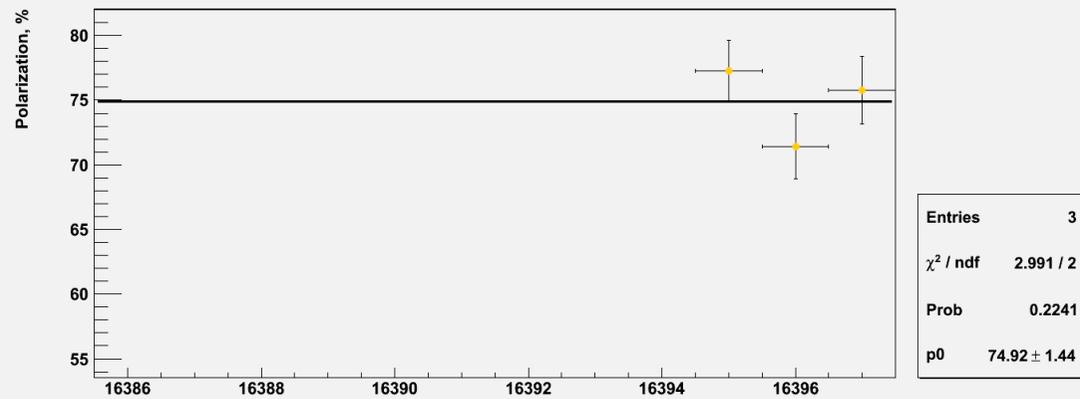
Status

- **Since last report:**
 - Adjusted the timing parameters to match the RHIC clock
 - Calibrated channels for energy gain, losses, and t_0 offset
- **In some channels observed a significant RF noise interfering with measurements**
 - Beam induced in nature
 - Not associated with working detectors and moving targets
 - Can be associated with the voltage on the 197 MHz cavity
- New in 2012 is the stochastic cooling next to the polarimeters. . .

Beam Induced Noise







- <http://www.phy.bnl.gov/cnipol/rundb/>