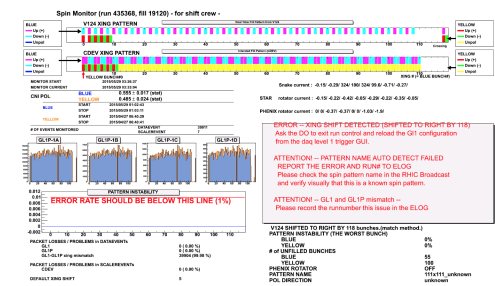
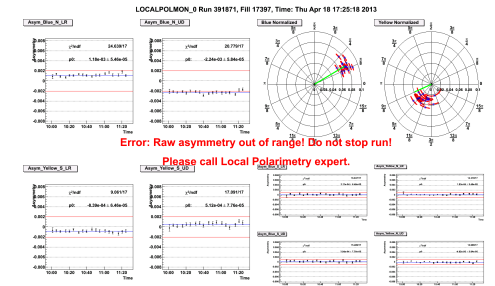


Run-24 Spin Program

Cold-QCD Group

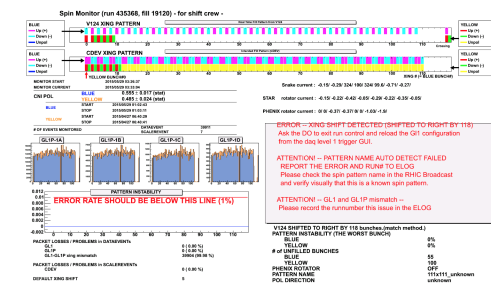
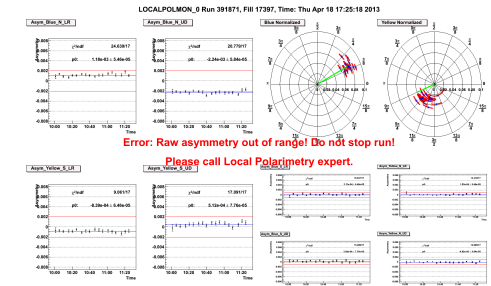
Present Status

Item	Hardware	DAQ/Software
Local Polarimetry	SMD needs to be commissioned with new electronics	ADC/Timing readout and scaler GL1p bunch-by-bunch + Online monitor
Relative Luminosity	ZDC and MBD	scaler GL1p bunch-by-bunch
Spin Pattern Recording		http-based delivery from CAD and saved in the spin database (Used to be broad casted via V124)
Spin Online Monitor		Modify PHENIX online monitor?
Vernier Scan (1 st attempt of the scan at 2mrad crossing)	Singlet scaler	



The work that remains to be done

Item	Hardware	DAQ/Software
Local Polarimetry	SMD needs to be commissioned with new electronics (February?)	ADC/Timing readout and scaler GL1p bunch-by-bunch + Online monitor (January?)
Relative Luminosity	ZDC and MBD	scaler GL1p bunch-by-bunch (January?)
Spin Pattern Recording		http-based delivery from CAD ✓ and saved in the spin database (Used to be broad casted via V124)
Spin Online Monitor		Modify PHENIX online monitor?
Vernier Scan (1 st attempt of the scan at 2mrad crossing)	Singlet scaler	



Any Problems or Issues that need to be addressed

- Actual manpower on site to do the work regardless of his/her experience/skill.

Experts and Coverage for the Run

- Busan National University (Jeongsu Bok)
- National Central University, Taiwan (Cheng-Wei Shih)
- Michigan (Dillon Fitzgerald, Devon Loomis)
- University of Illinois (Vincent Andrieux, Caroline Riedl, grad student)
- RIKEN (Itaru Nakagawa, Ralf Seidl, Yuji Goto, Genki Nukazuka)
- Saclay (1 senior + 1 grad student?)