
Run Coordinator Report

Bob Michaels

March 1, 2016

Timeline Overview

- Energy Measurement at 1-pass
- Tornado Warning, recovered beam in 2 shifts
- 1-Pass Optics runs, listed next page
- Friday started changing to 4-pass
- Saturday night, started 4-pass production
- Production until Monday morning.
- Compton polarimeter running well.
- Monday: Energy measurement, Moller measurement, mini-spin-dance
- Presently: beam studies, controlled access to fix things

1-Pass Optics

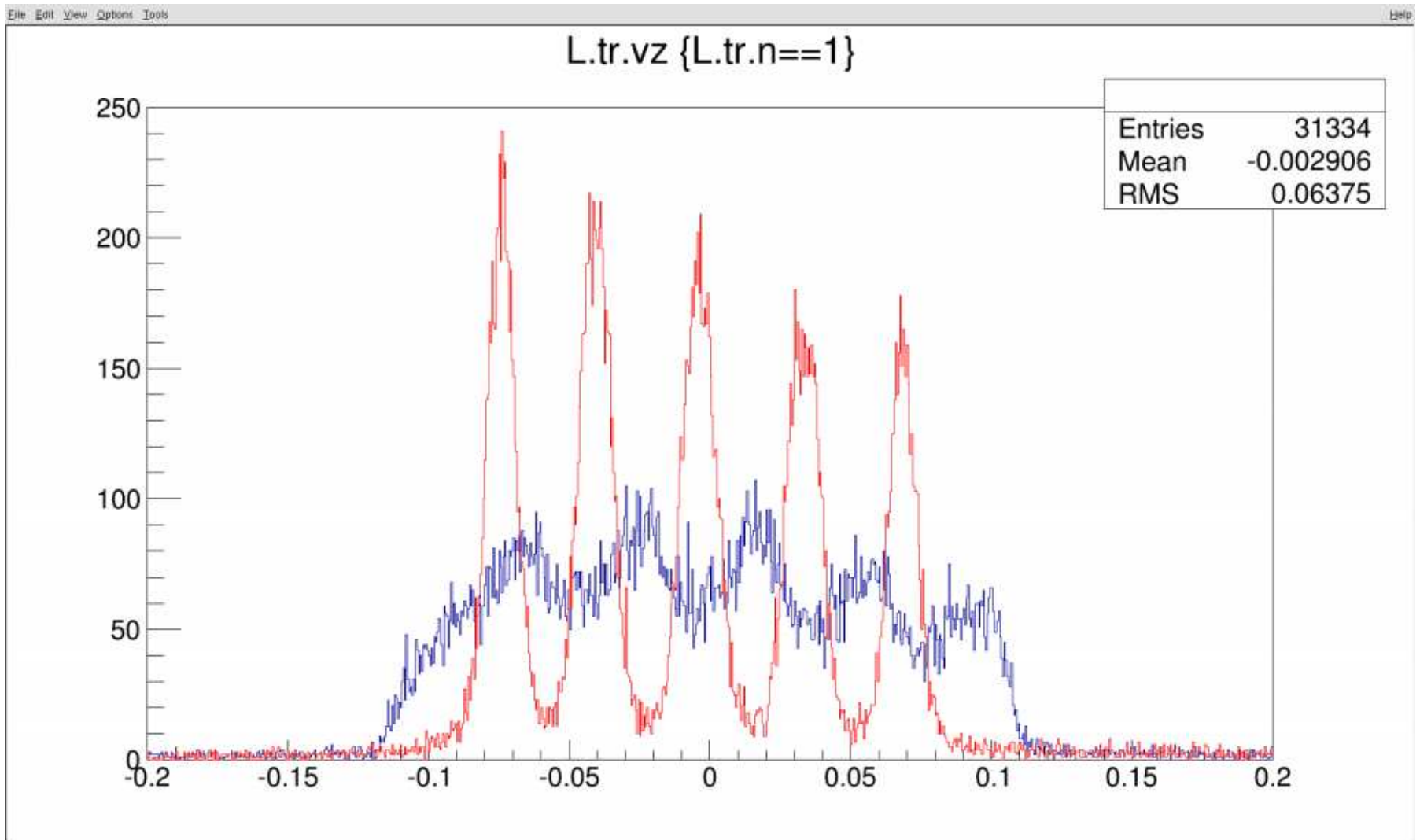
- Accomplished

- DIS with sieve slit on optics foils, single carbon, LH2
- Delta Elastic on LH2
- Elastic Carbon
- DIS with sieve slit on 4 cm dummy
- Delta Elastic on LH2
- Elastic Dummy

- Skipped (no time to do it)

- DIS on dummy and optics
- Tungsten wire

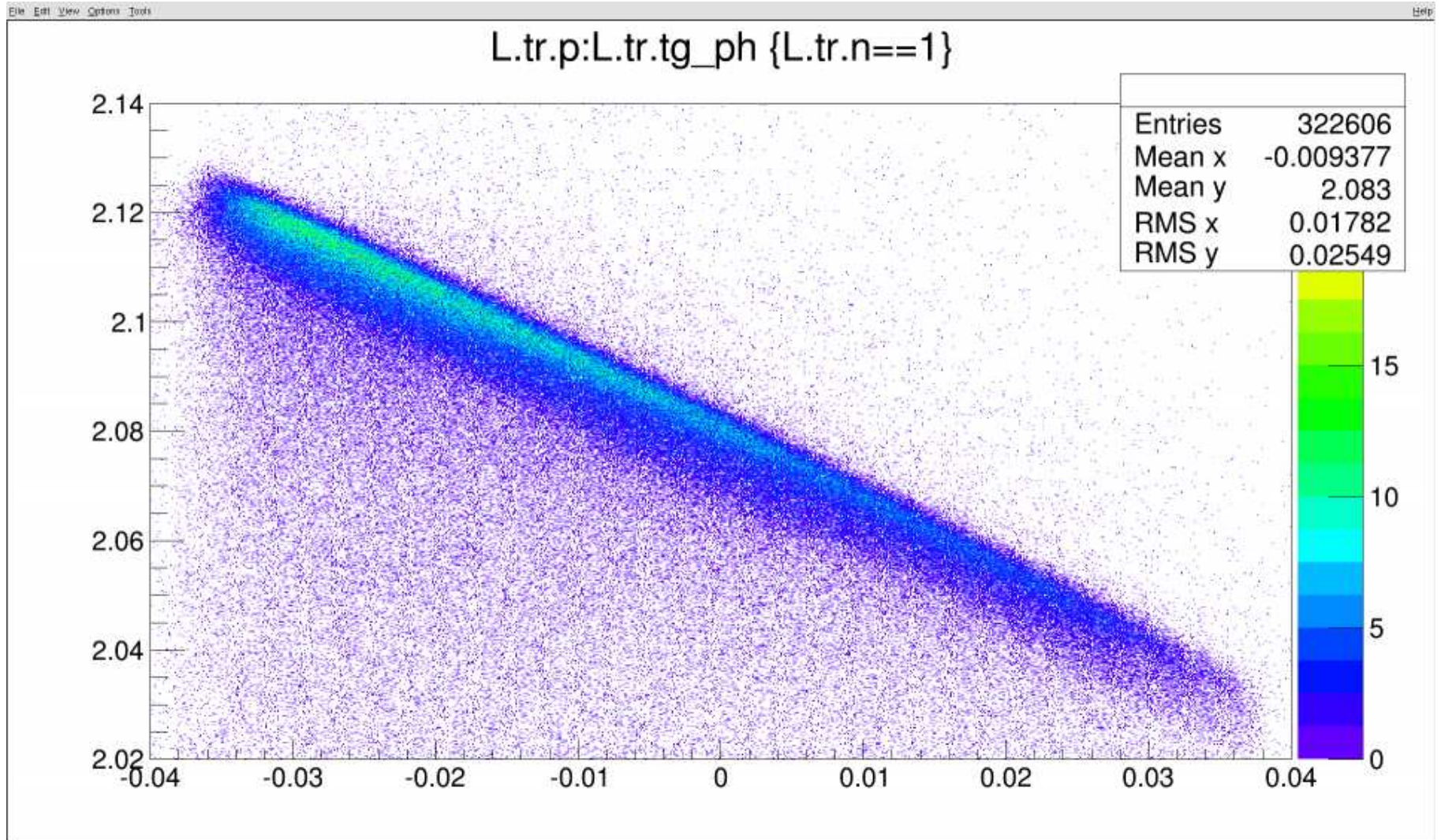
Examples of Optics, 1



Frederic Georges

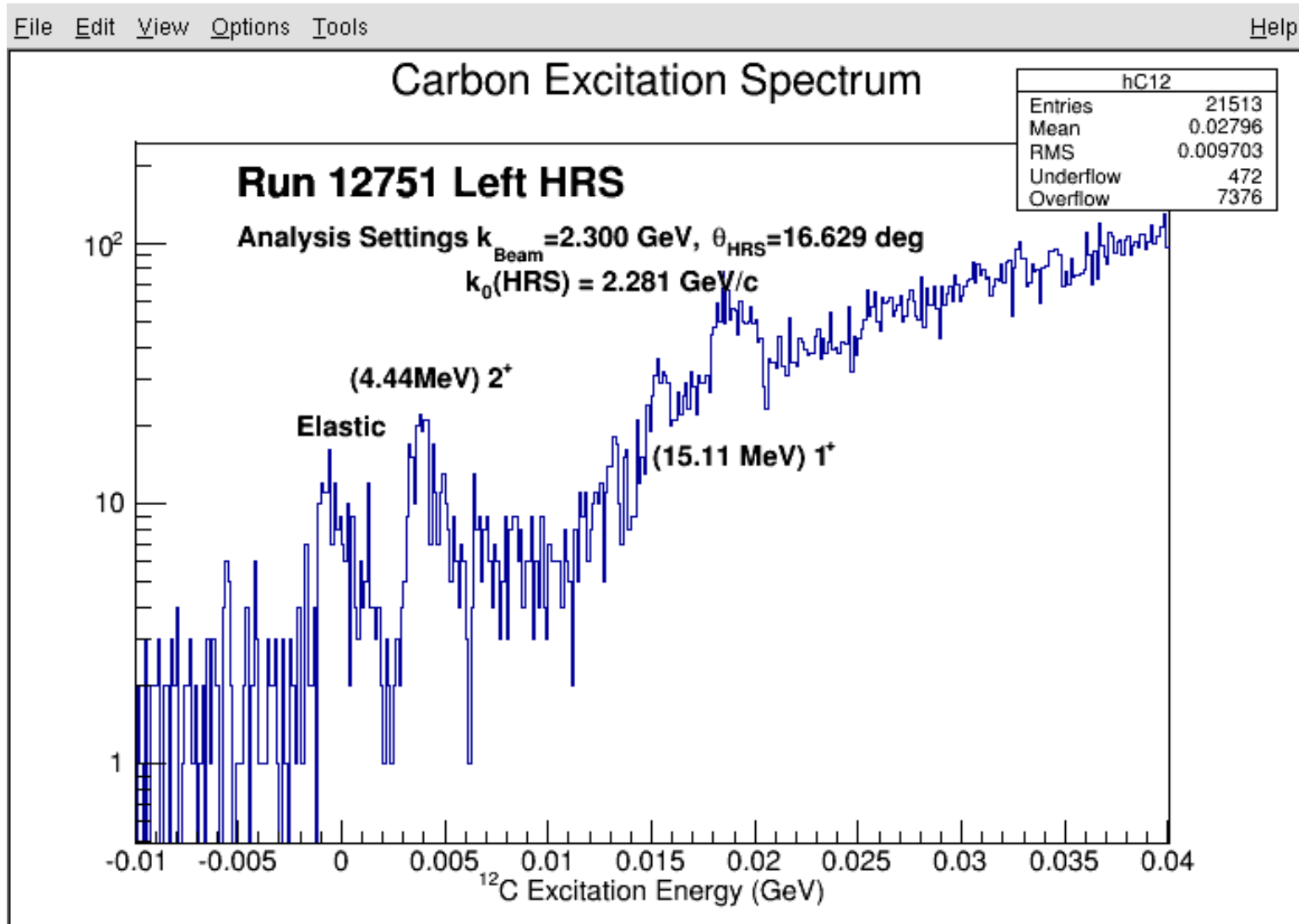
Examples of Optics, 2

Frederic Georges



Elastic Carbon

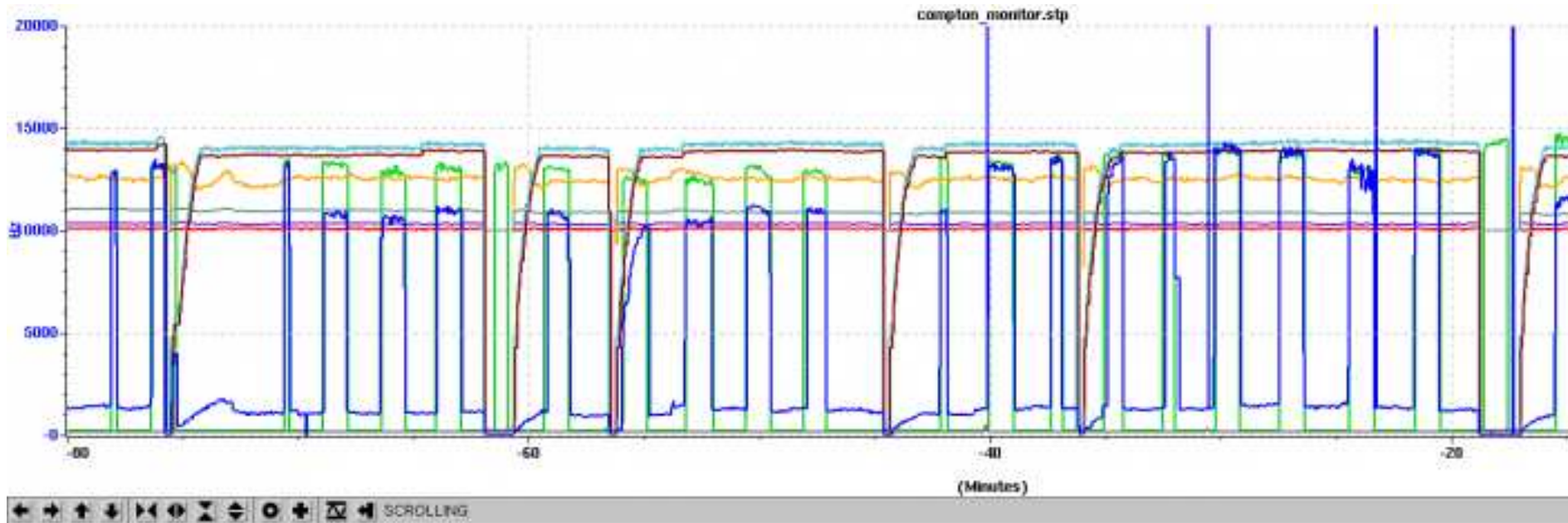
Charles Hyde



Compton

Dave Gaskell, Gregg Franklin, Alex Johnson

blue: Compton collision rate, good S/N observed

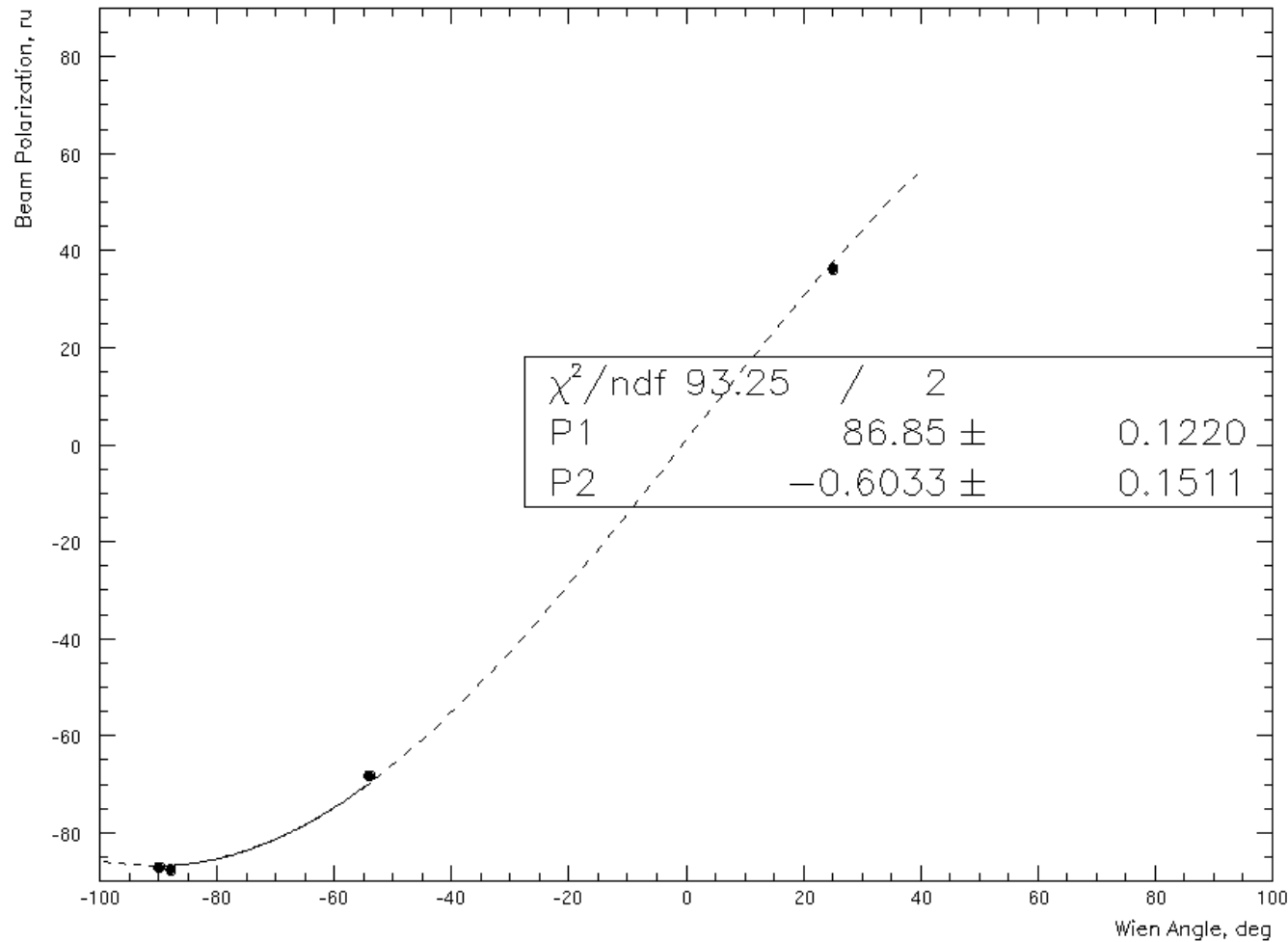


Spin Dance

Sasha Glamazdin, Roman Pomatsalyuk, Joe Grames

Moller results for Spin Dance 02/29/2016

Moeller run=16009



Things to Do

- Today: Beam Studies 6 hours
- Controlled access
 - iochla causing ACC downtime
 - LHRS straw tube gas
 - Surveys
 - etc ... today's RC mtg to discuss problems
- Return to Production
- Future: Pointing run, BCM calibration, Boiling test
- Need $\geq 30\mu\text{A}$ prefer $60\mu\text{A}$

End of Report