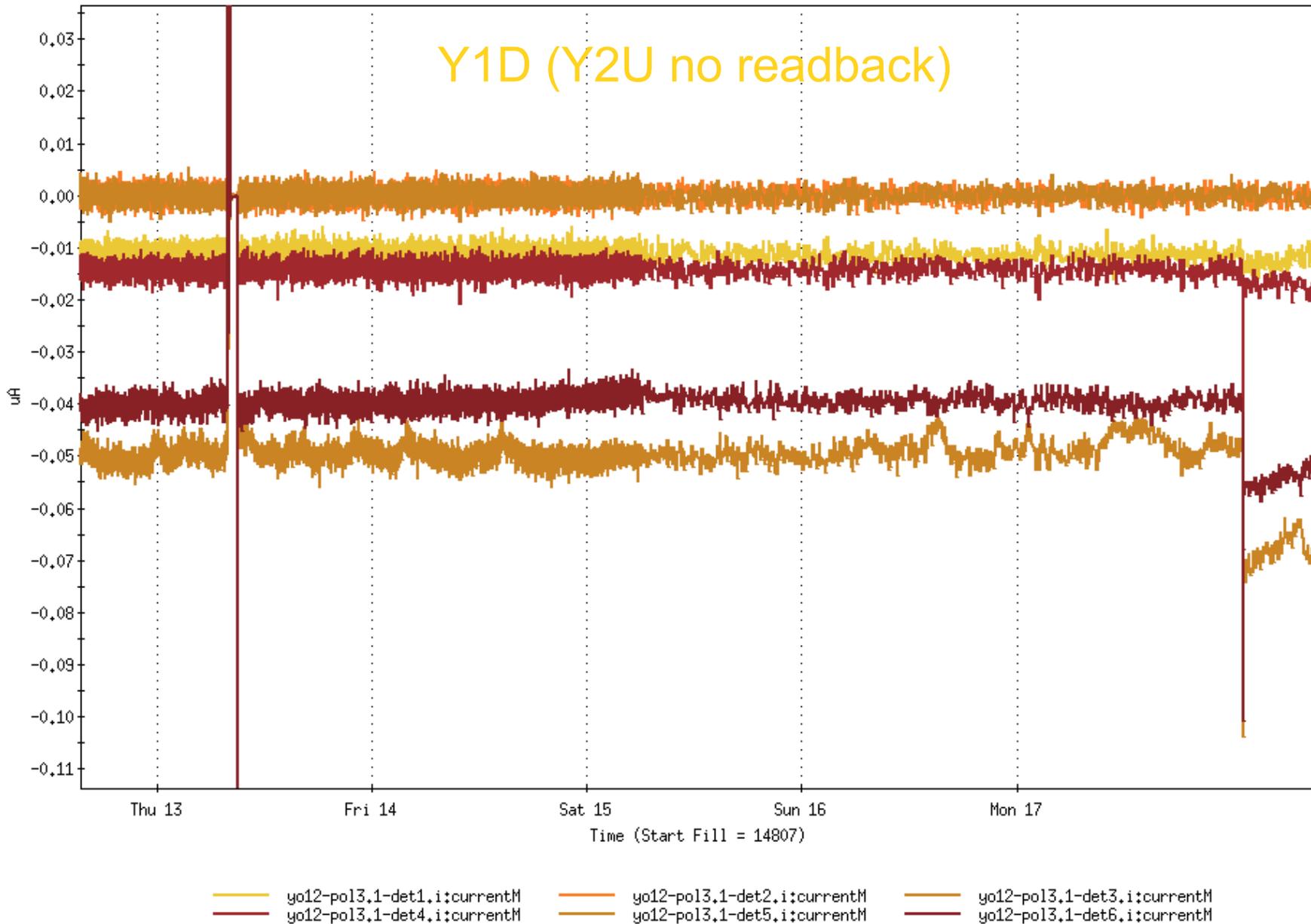


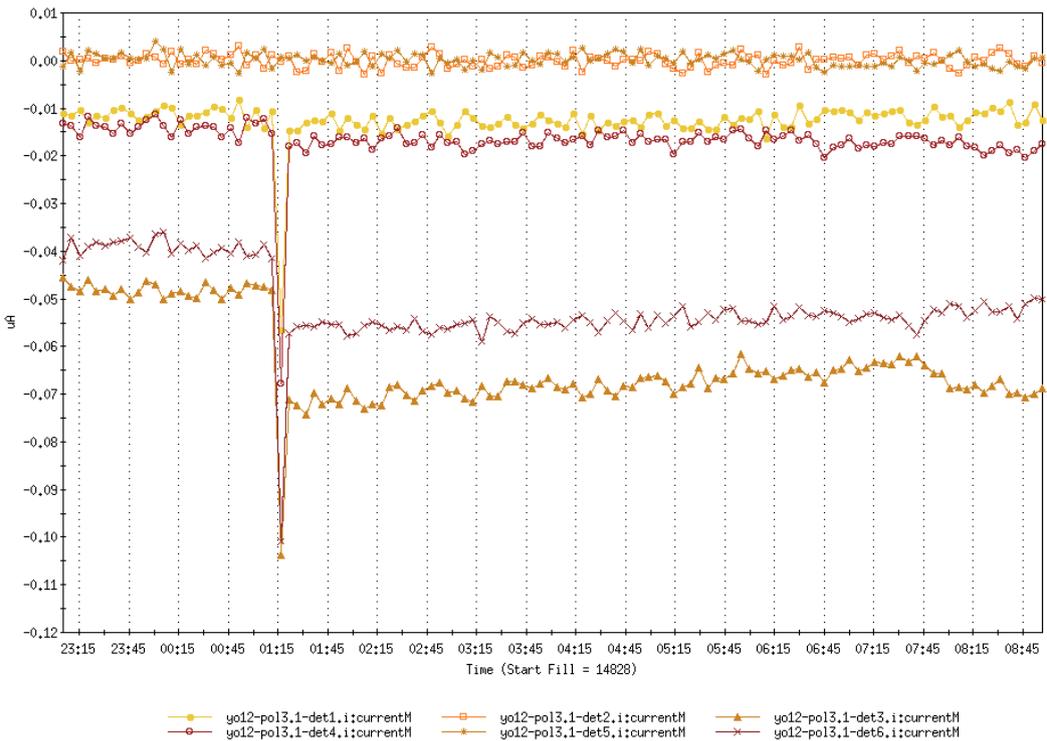
pC status 20.01.11: bias currents

- Detector bias currents after >1 wk. RHIC ops.

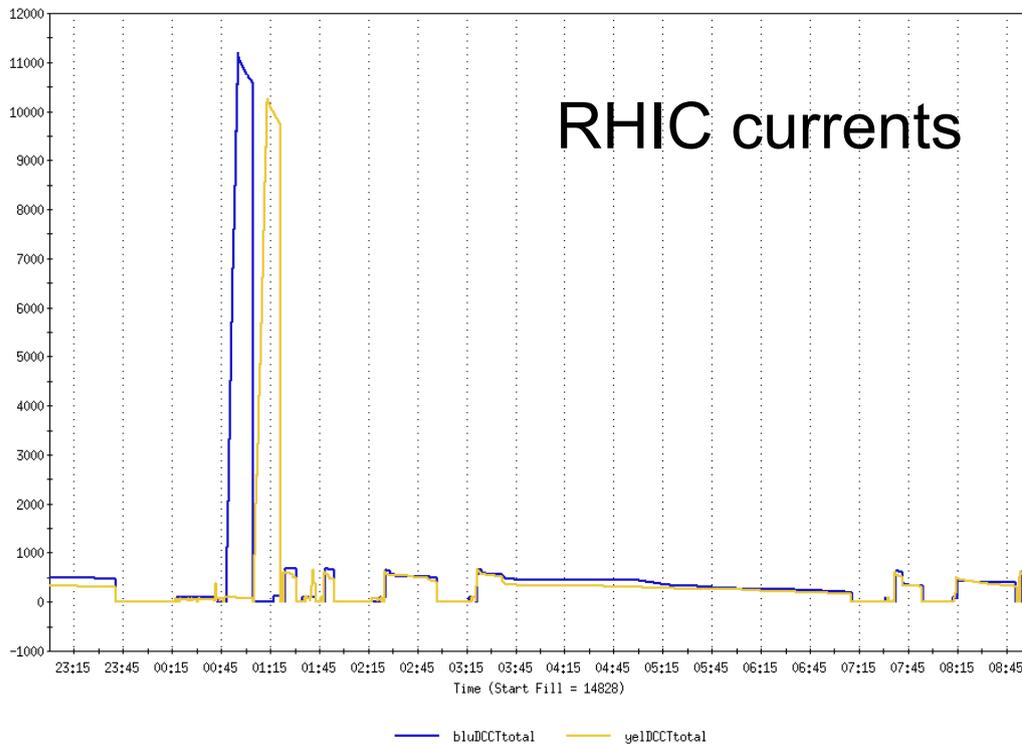
RHIC Polarimeter Detector Current

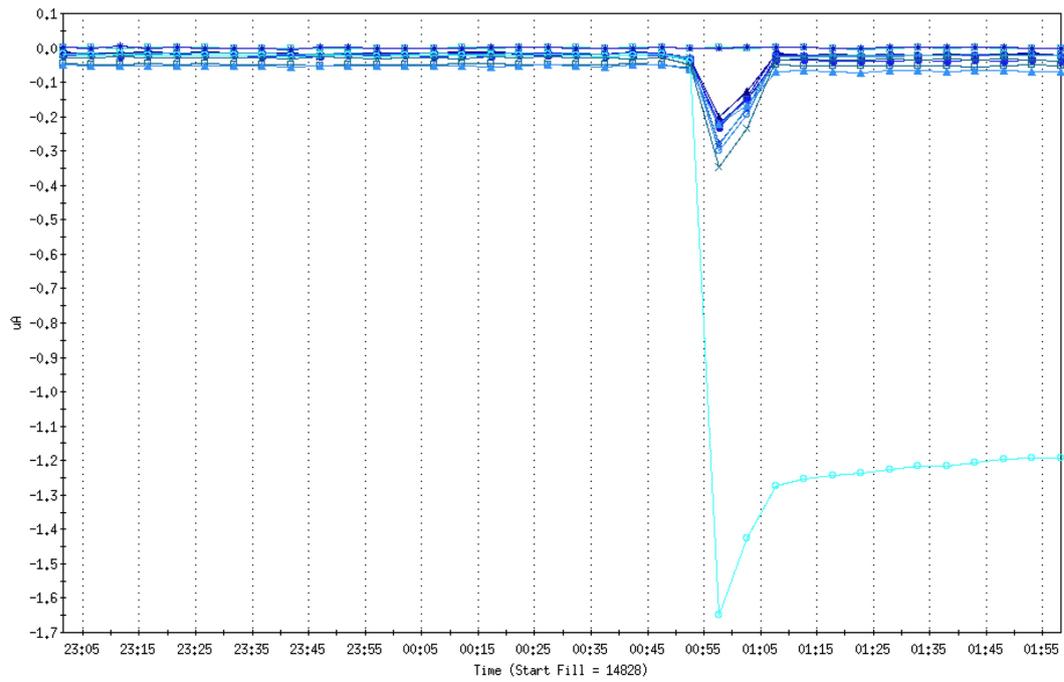


RHIC Polarimeter Detector Current



Jump was when RHIC tested 110 bunch operation (although lower current' than hi-LUMI op.)

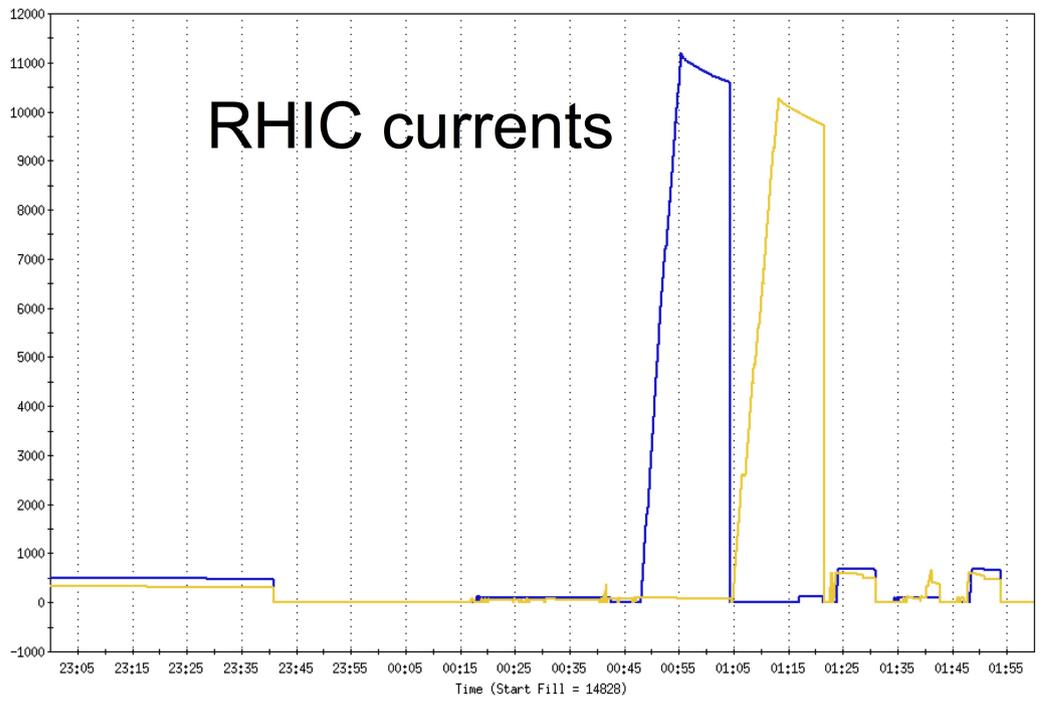




● bi12-pol3,1-det1,i:currentM ■ bi12-pol3,1-det2,i:currentM ▲ bi12-pol3,1-det3,i:currentM ○ bi12-pol3,1-det4,i:currentM
★ bi12-pol3,1-det5,i:currentM × bi12-pol3,1-det6,i:currentM ● bi12-pol3,2-det1,i:currentM □ bi12-pol3,2-det2,i:currentM
▲ bi12-pol3,2-det3,i:currentM ○ bi12-pol3,2-det4,i:currentM ★ bi12-pol3,2-det5,i:currentM × bi12-pol3,2-det6,i:currentM

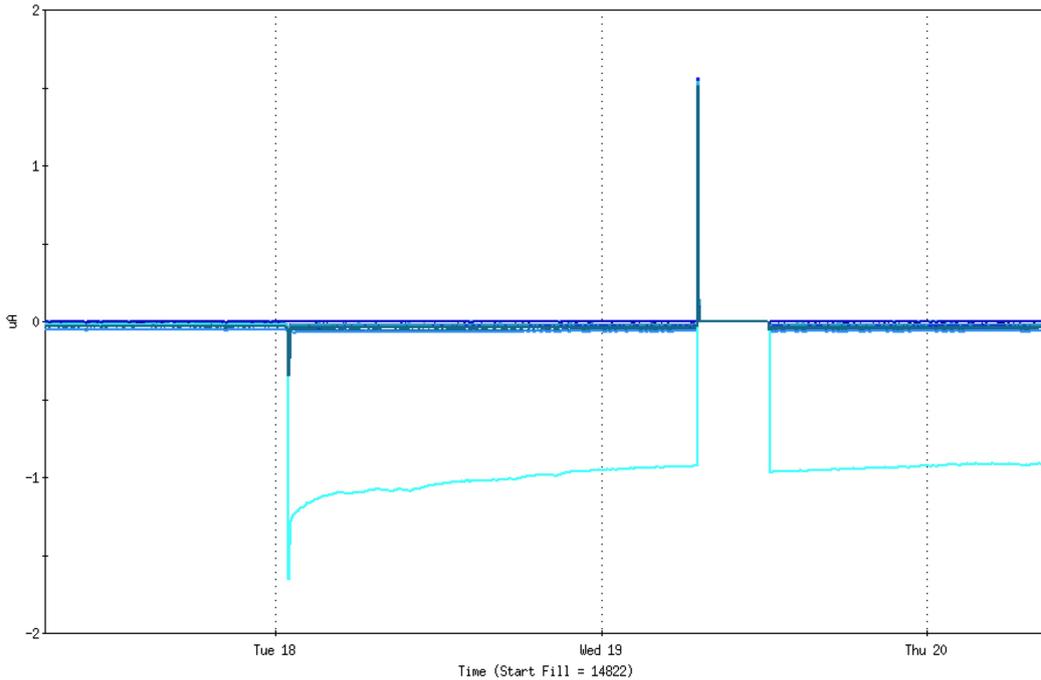
- Blue detectors also showed an effect, and :
- B2D det. 4 a huge jump in supply current >1 µA
- Factor ~100 jump

RHIC currents

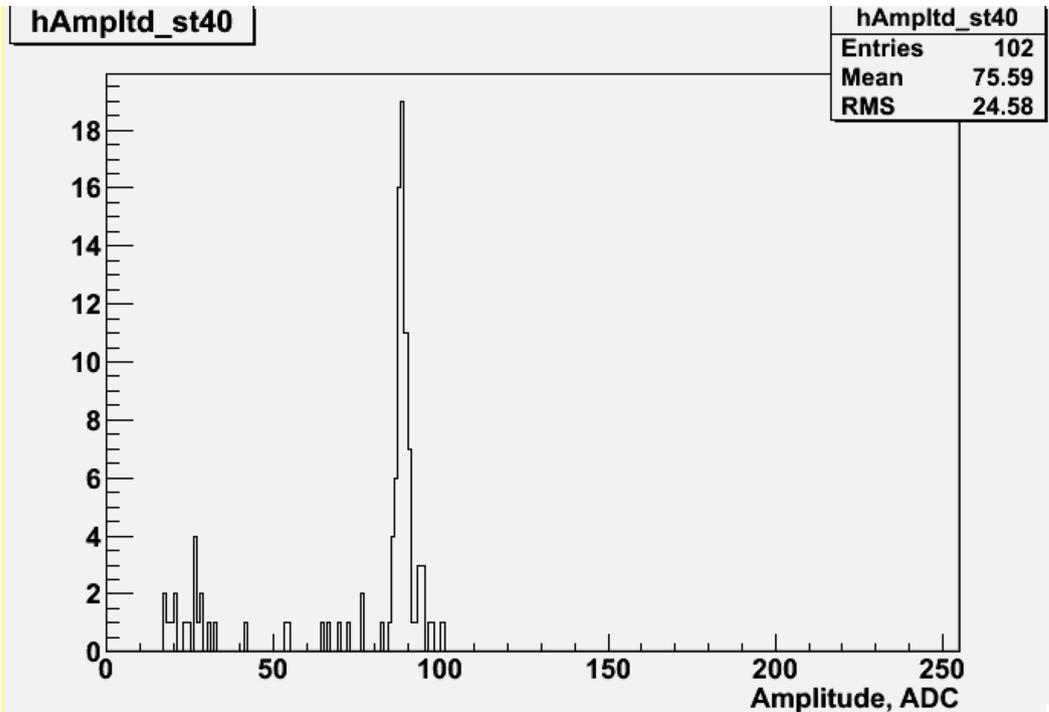


— bluDCCTtotal — yelDCCTtotal

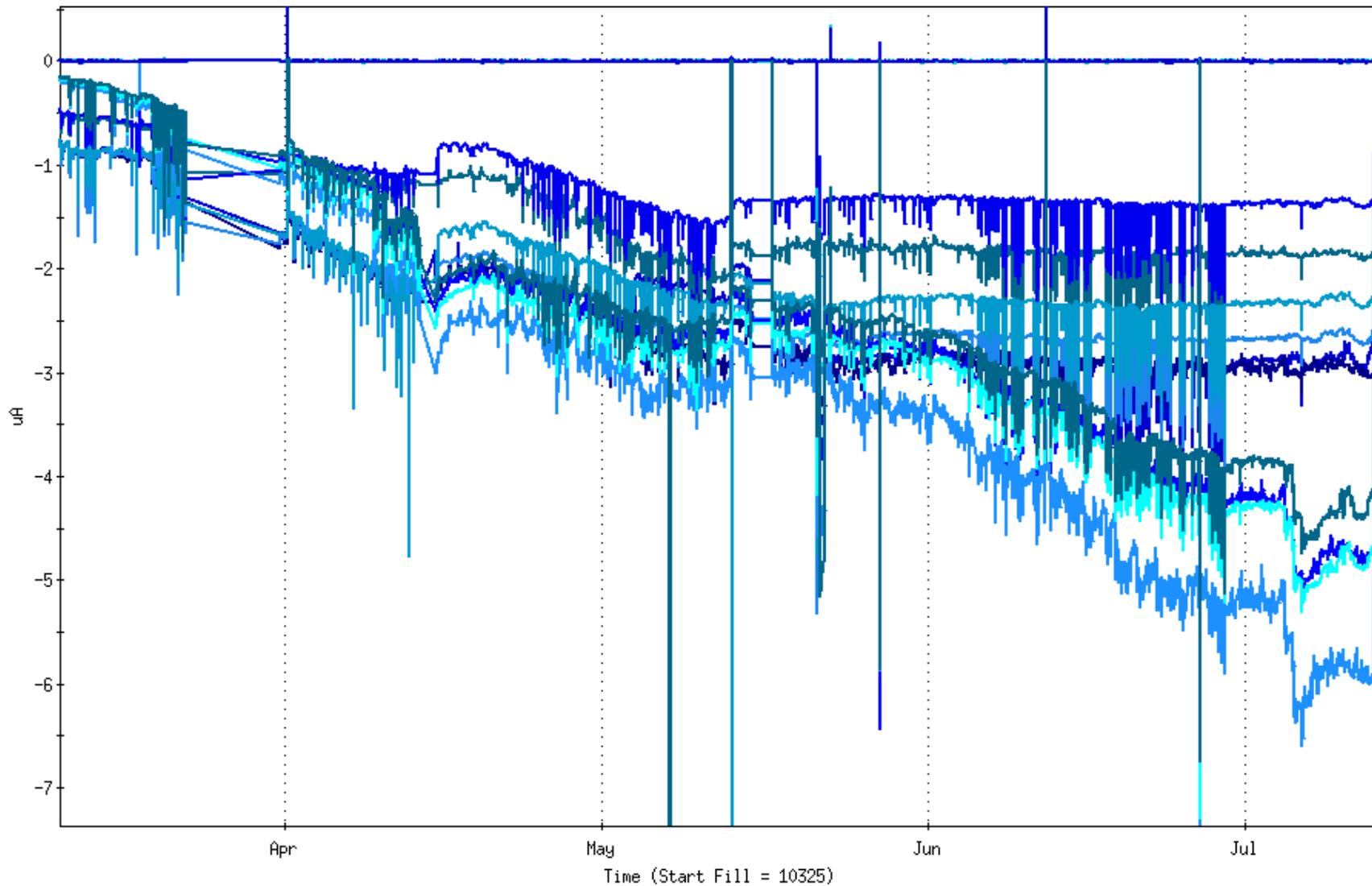
RHIC Polarimeter Detector Current



- Bias off for few hours during access yesterday, but this det. back to $>1 \mu\text{A}$ after back on
- This morning still $\sim 900\text{nA}$
- BUT check yesterday: **α signals OK this det. !**



Run 9: 1-1 1/2 μA / month: RHIC Polarimeter Detector Current



- | | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| — bi12-pol3.1-det1.i;currentM | — bi12-pol3.1-det2.i;currentM | — bi12-pol3.1-det3.i;currentM | — bi12-pol3.1-det4.i;currentM |
| — bi12-pol3.1-det5.i;currentM | — bi12-pol3.1-det6.i;currentM | — bi12-pol3.2-det1.i;currentM | — bi12-pol3.2-det2.i;currentM |
| — bi12-pol3.2-det3.i;currentM | — bi12-pol3.2-det4.i;currentM | — bi12-pol3.2-det5.i;currentM | — bi12-pol3.2-det6.i;currentM |

EXTRAS

<u>det.-target</u>	<u>compatible with</u>
B1U-V	B2D-H, Y1D-V, Y1D-H
B1U-H	B2D-V, Y1D-V, Y1D-H
B2D-V	B1U-H, Y2U-V, Y2U-H
B2D-H	B1U-V, Y2U-V, Y2U-H
Y1D-V	Y2U-H, B1U-V, B1U-H
Y1D-H	Y2U-V, B1U-V, B1U-H
Y2U-V	Y1D-H, B2D-V, B2D-H
Y2U-H	Y1D-V, B2D-V, B2D-H