

Run13: α -gain, carbon-gain, I_{bias}

polar. Mtg.
08.01.14

OUTLINE: Most slides from special meeting 16.08.13 (on polar. wiki)
my slides 16.08.13:

- p. 5 α -gain vs. run
- p. 4 carbon-gain $\propto 1/b$ -slope vs. run
- pp. 6,7-10 carbon-gain vs. α -gain
- p. 11 summary

today's slides:

- pp. 2-6 I_{bias} vs. run

Dima K.'s slides 16.08.13:

- pp. 5,6 α -gain vs. I_{bias}
- p. 7 carbon-gain vs. I_{bias}

my slides 16.08.13:

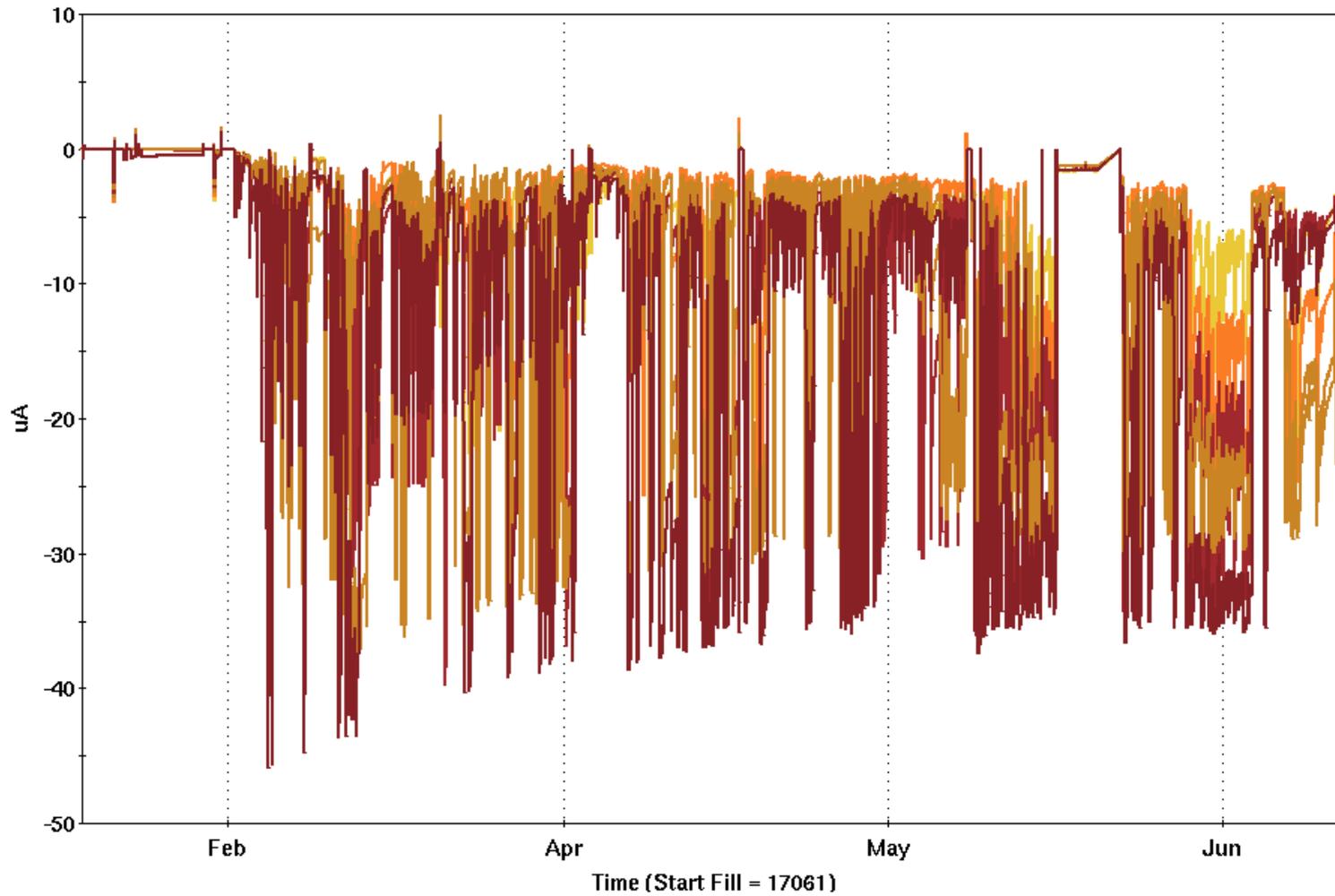
- pp. 5,6 carbon gain, I_{bias} jumping through 1 fill

today's slides:

- p. 7 α -gain vs. V_{bias} exposed & new detectors

I_{bias} vs. run: Y1

RHIC Polarimeter Detector Current

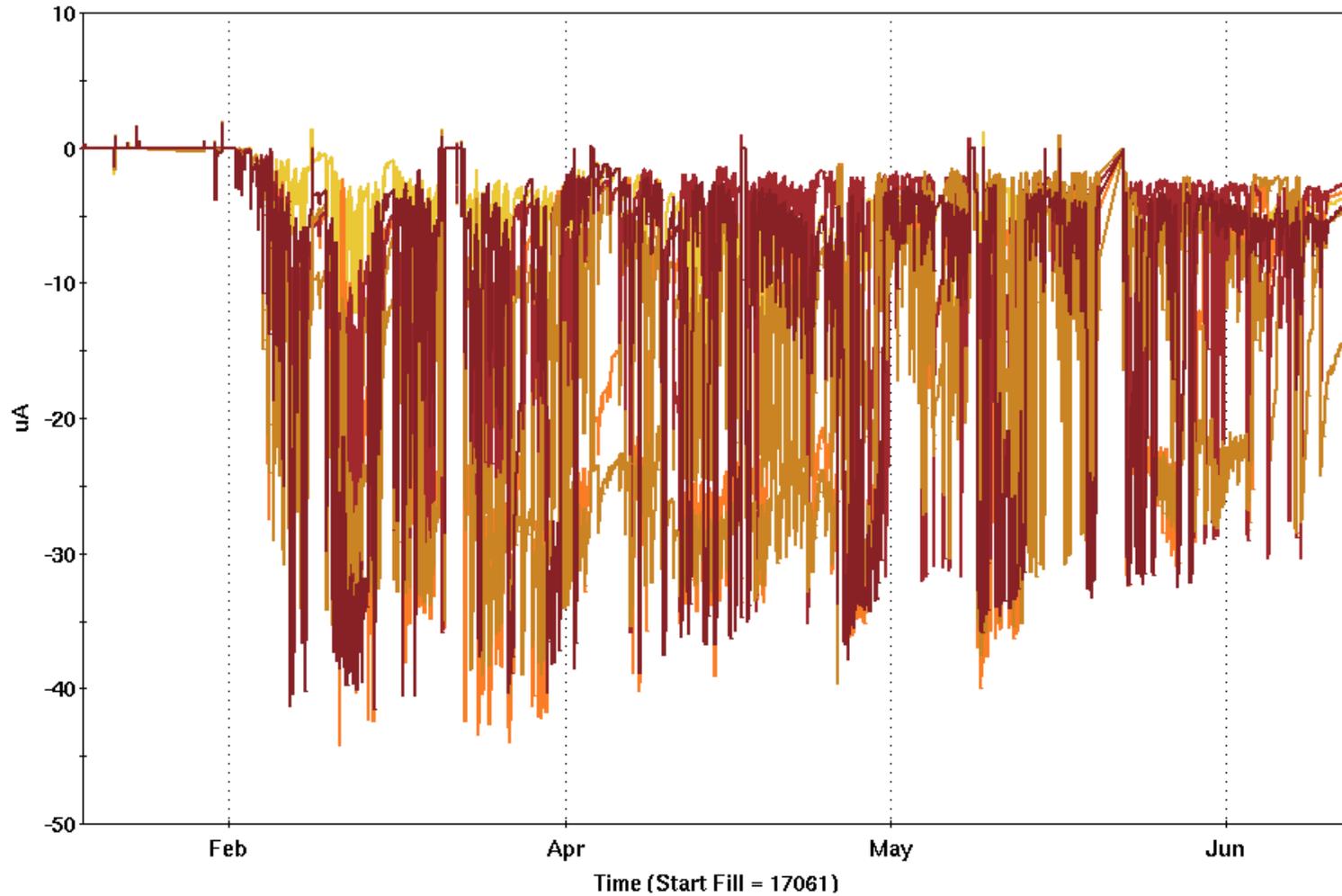


Legend for detector current series:

- yo12-pol3,1-det1.i;currentM (D)
- yo12-pol3,1-det2.i;currentM (D)
- yo12-pol3,1-det3.i;currentM (D)
- yo12-pol3,1-det4.i;currentM (D)
- yo12-pol3,1-det5.i;currentM (D)
- yo12-pol3,1-det6.i;currentM (D)

I_{bias} vs. run: Y2

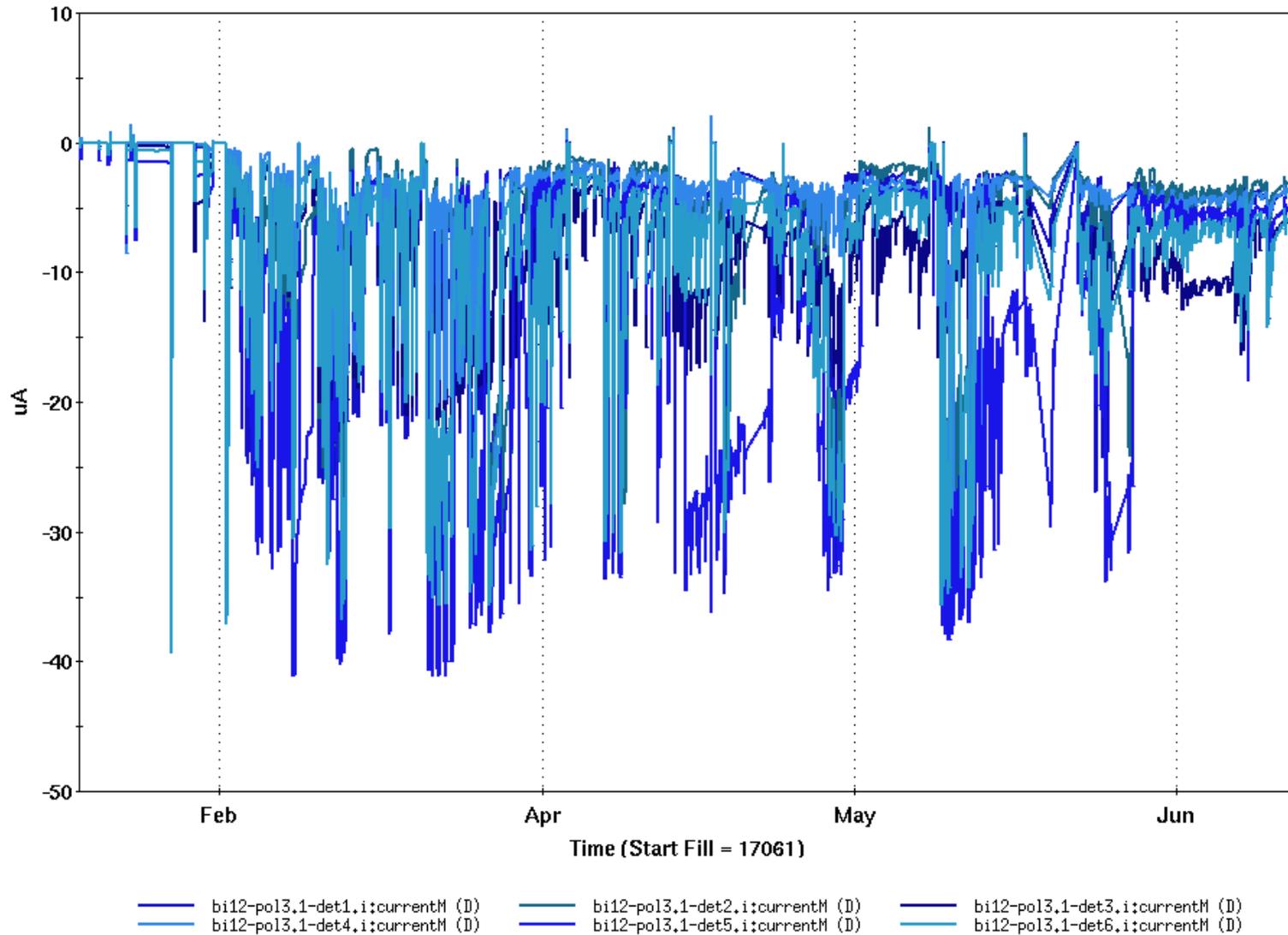
RHIC Polarimeter Detector Current



yo12-pol3,2-det1.i;currentM (D) yo12-pol3,2-det2.i;currentM (D) yo12-pol3,2-det3.i;currentM (D)
yo12-pol3,2-det4.i;currentM (D) yo12-pol3,2-det5.i;currentM (D) yo12-pol3,2-det6.i;currentM (D)

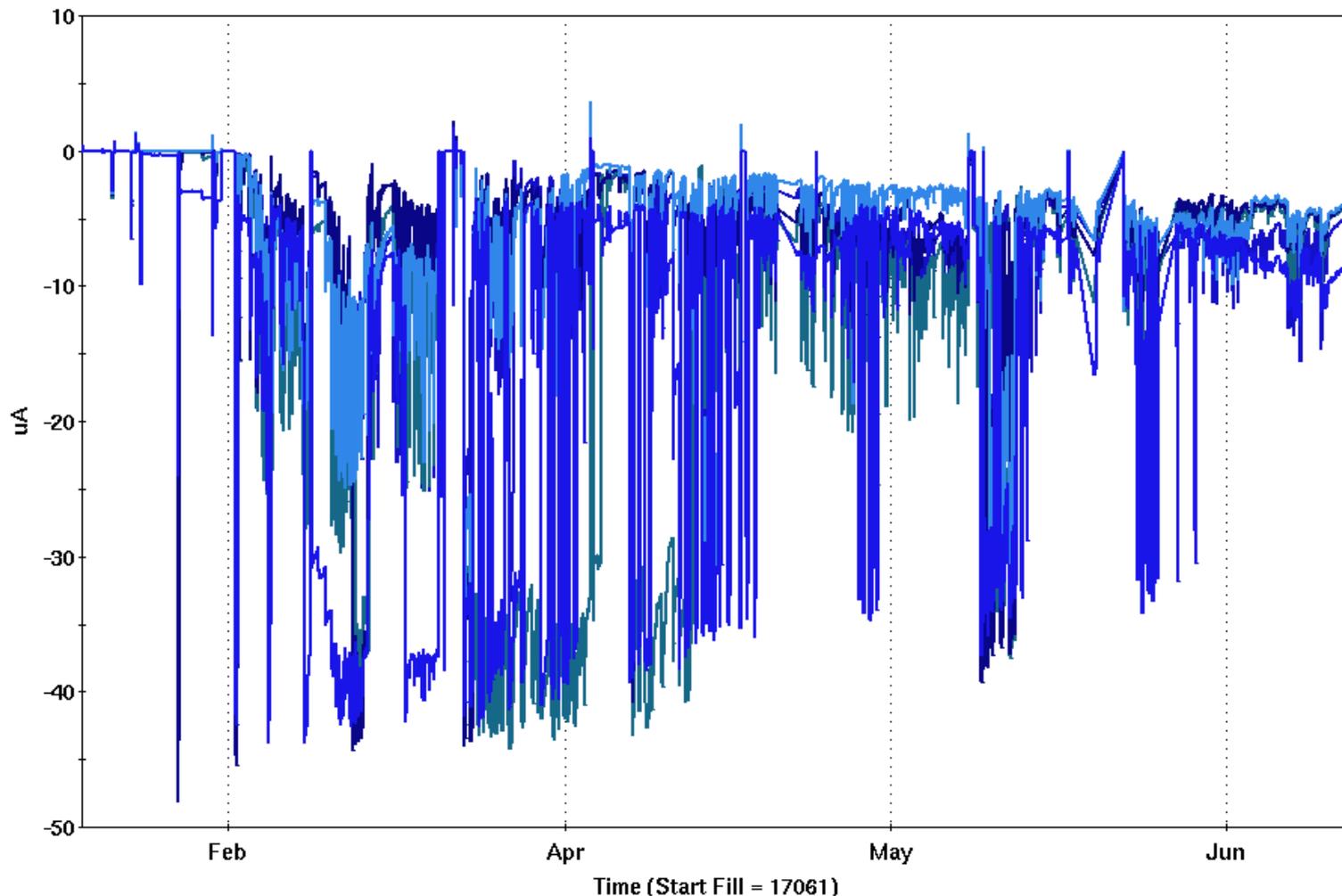
I_{bias} vs. run: B1

RHIC Polarimeter Detector Current



I_{bias} vs. run: B2

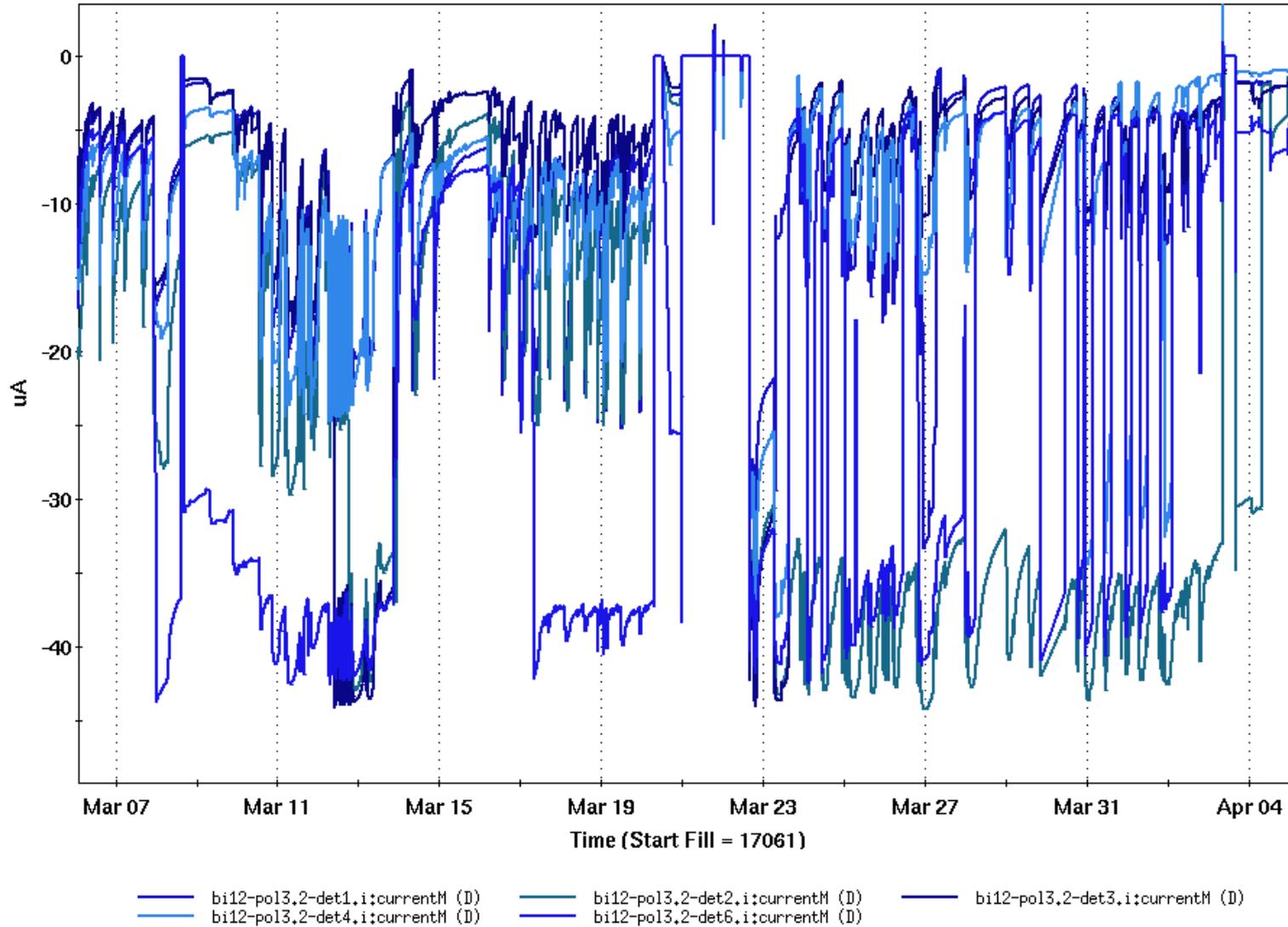
RHIC Polarimeter Detector Current



— bi12-pol3,2-det1,i;currentM (D) — bi12-pol3,2-det2,i;currentM (D) — bi12-pol3,2-det3,i;currentM (D)
— bi12-pol3,2-det4,i;currentM (D) — bi12-pol3,2-det6,i;currentM (D)

I_{bias} vs. run: B2 zoom (1 month)

RHIC Polarimeter Detector Current



α -gain vs. V_{bias}

- **RED** = new (unexposed) detectors

- **NO PLATEAU**

