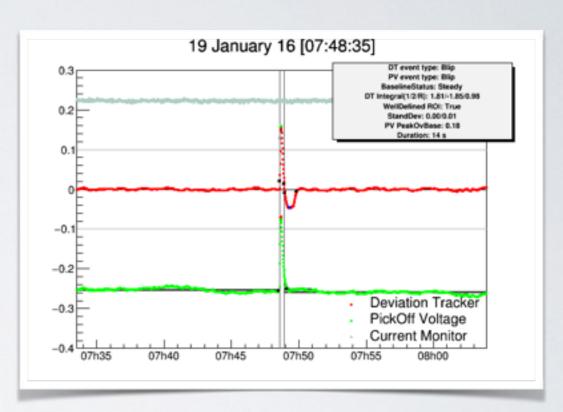
HV ANALYSIS AND RESOLUTION LOSSES

Salvatore Davide Porzio
The University of Manchester

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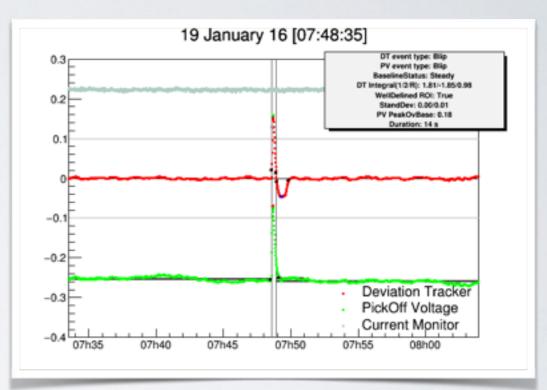
HAVING MORE BAD THINGS IS ACTUALLY A GOOD THING WHEN YOU NEED STATISTICS

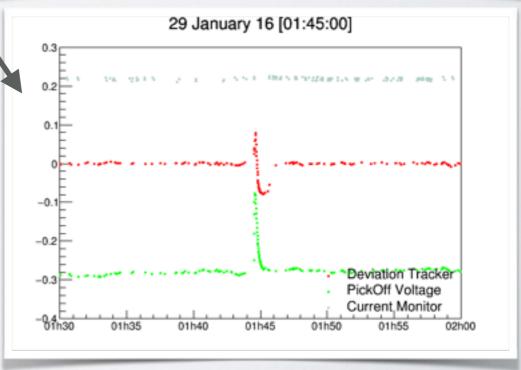
- Wanted to use BlipFinder to analyze more recent data (until now only Oct-Jan, now can go on until June, more statistics!)
- Before end of January nice clean resolution.
- BlipFinder has no issues finding HV events



BAD RESOLUTION

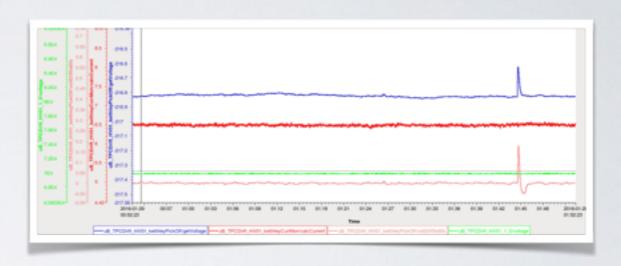
- Around end of January strange resolution loss starts to appear.
- It then goes on until now.
- BlipFinder can't correctly identify
 HV events (integral is messed
 up, other problems as well).

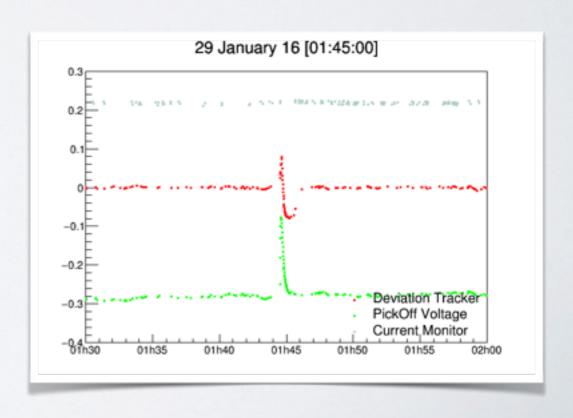




MUST BE MY FAULT THEN

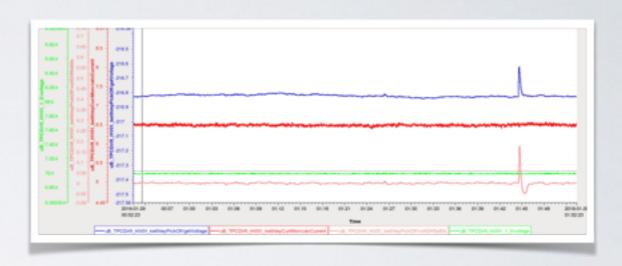
 However there's nothing wrong in the SMC (picture shows same event).



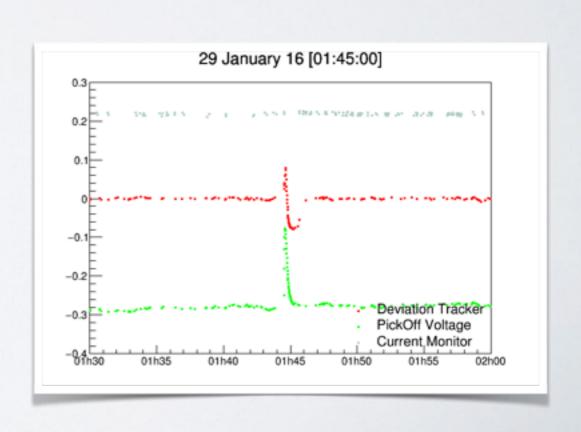


OR MAYBE NOT?

Tried to pull only 1 day of data
 on 29 Jan (instead of getting
 8 months at once). Same plot.



 This excludes the problem is due to me extracting "too much" data.



NAROBIŁEM BIGOSU?

- I've been using getDataAndrzej.py to extract data.
- Maybe something changed in the way data is saved and script can't access properly the archiver?

SAMP, ADEL AND THE THIRD ONE

- Glenn informed me there are "three resolutions":
- 1. SAMP: Time sampling.
- 2. ADEL: Change in voltage that has to happen before the change is reported to the archiver (vertical resolution).
- 3. "nonloso": limit on the number of samples per minute that the archiver will store.
- SMC is affect only by SAMP (SAMP is not the problem then, is it?).
- Have ADEL or the other one been changed around the end of January? Is the data on the
 archiver ok and I'm not extracting it correctly (not so bad) or is there a problem with the data
 in the archiver (very bad)? Is there any way to check this?