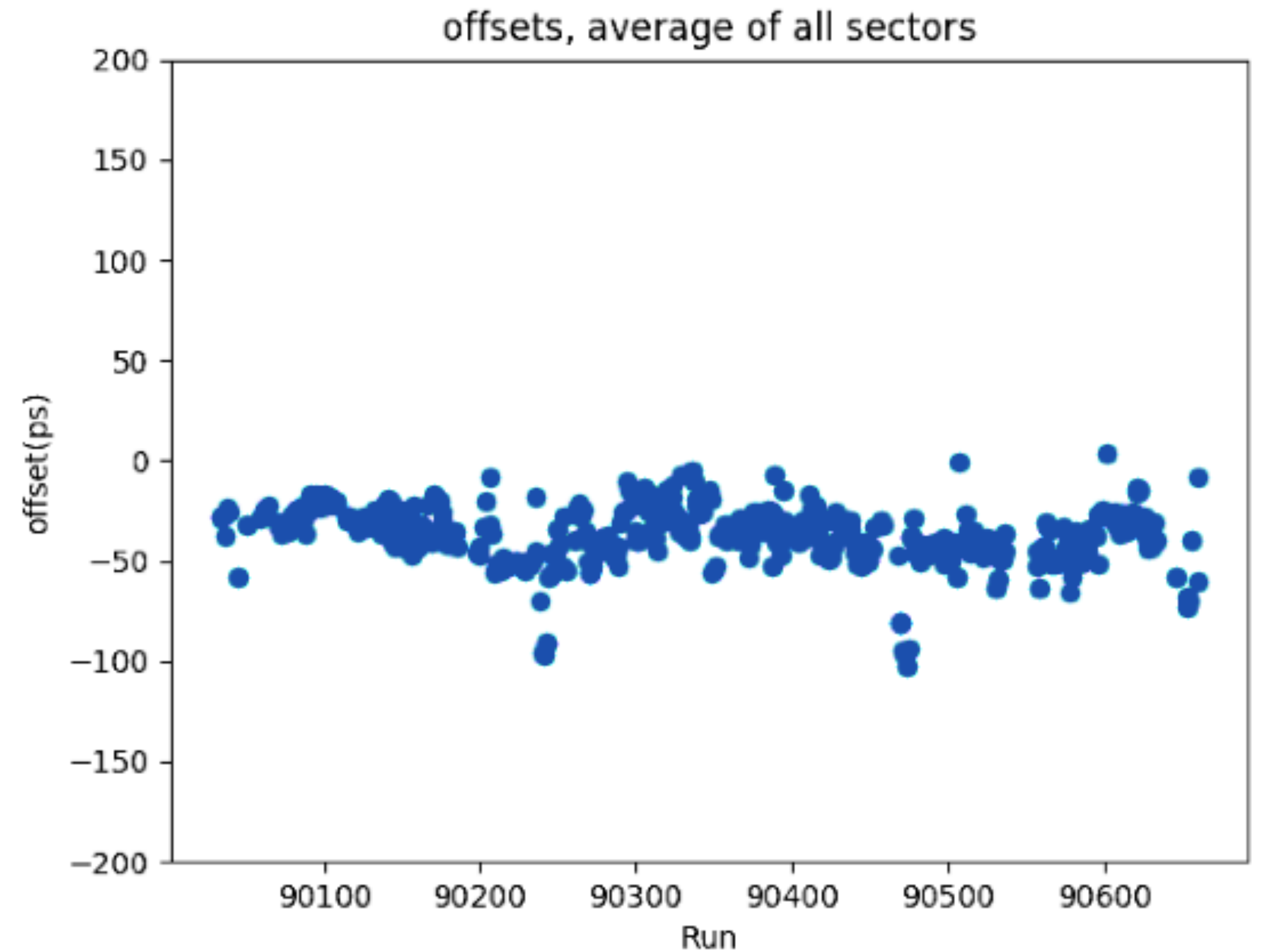


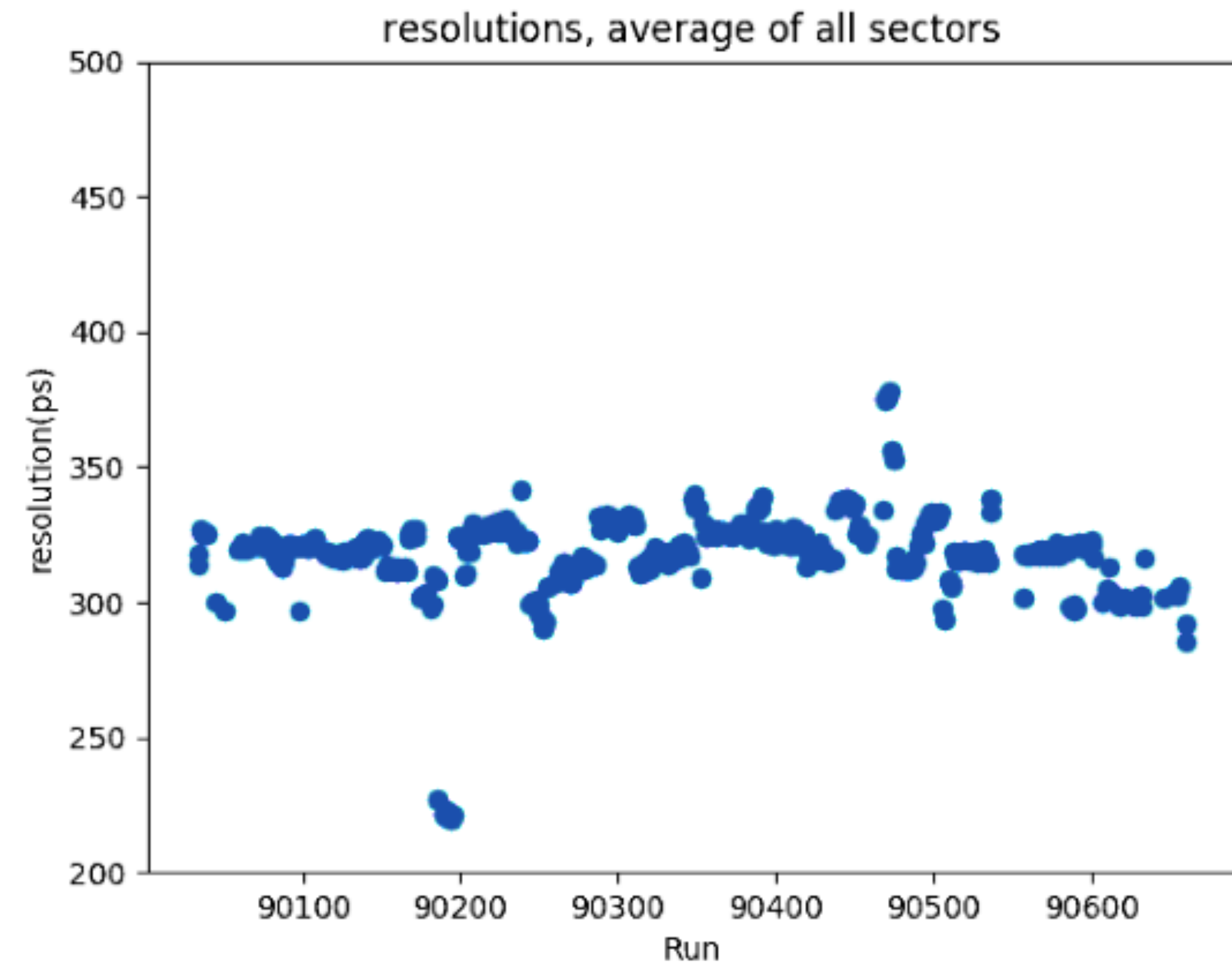
Start Counter

- Offsets
- Most runs are well aligned
- Average offset < 100 ps
- A couple of runs need further tuning



Start Counter

- Resolutions
- Performance is stable and not degrading
- Average resolution < 350 ps
- <250 ps resolutions are due to bad alignment



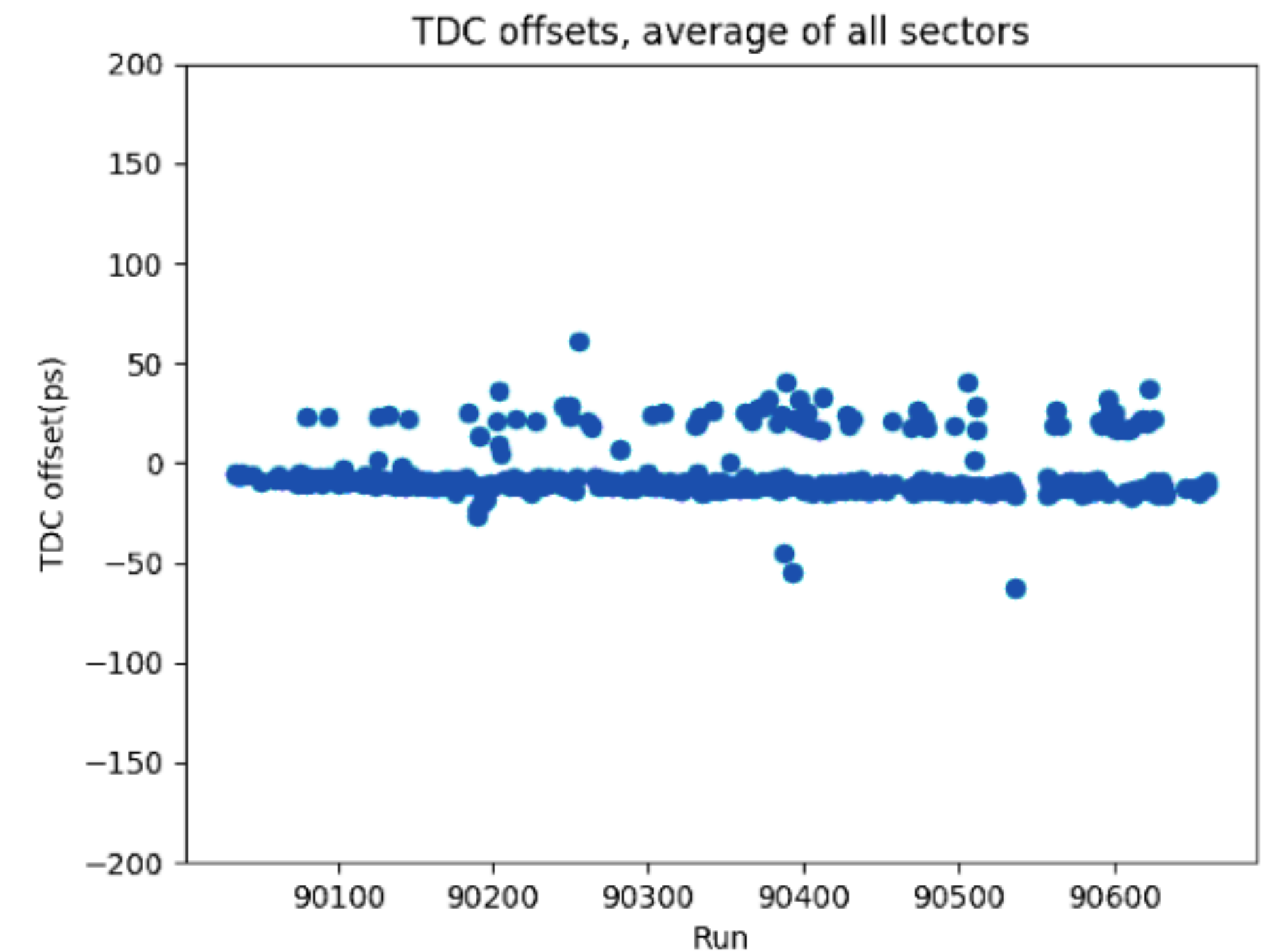
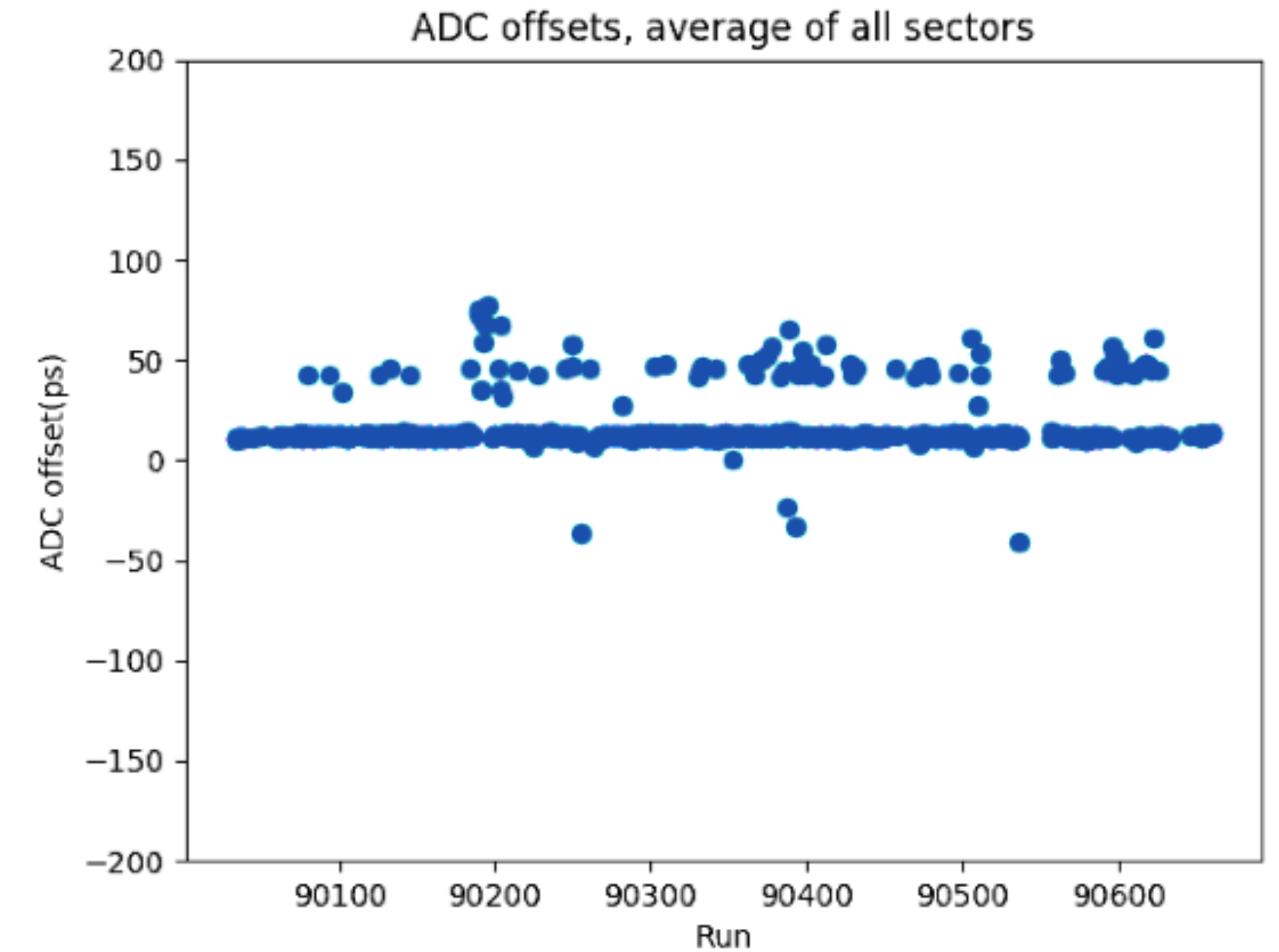
Start Counter

- Problems
- Large offsets are mostly due to underlying RF time shift
- 3 runs were not included in the “@is_src_production and status!=0” query. Might be some issues with RCDB
- Sean is looking into these issues

```
90140 file doesn't exist
90186 average offset is 1507.84 ps, greater than 100 ps
90189 average offset is 1515.18 ps, greater than 100 ps
90190 average offset is 1514.03 ps, greater than 100 ps
90191 average offset is 1510.95 ps, greater than 100 ps
90192 average offset is 1515.65 ps, greater than 100 ps
90193 average offset is 1514.12 ps, greater than 100 ps
90194 average offset is 1519.74 ps, greater than 100 ps
90195 average offset is 1518.28 ps, greater than 100 ps
90204 average offset is 535.79 ps, greater than 100 ps
90205 average offset is 527.97 ps, greater than 100 ps
90474 average offset is 102.29 ps, greater than 100 ps
90510 average offset is 512.94 ps, greater than 100 ps
90615 file doesn't exist
90616 file doesn't exist
```

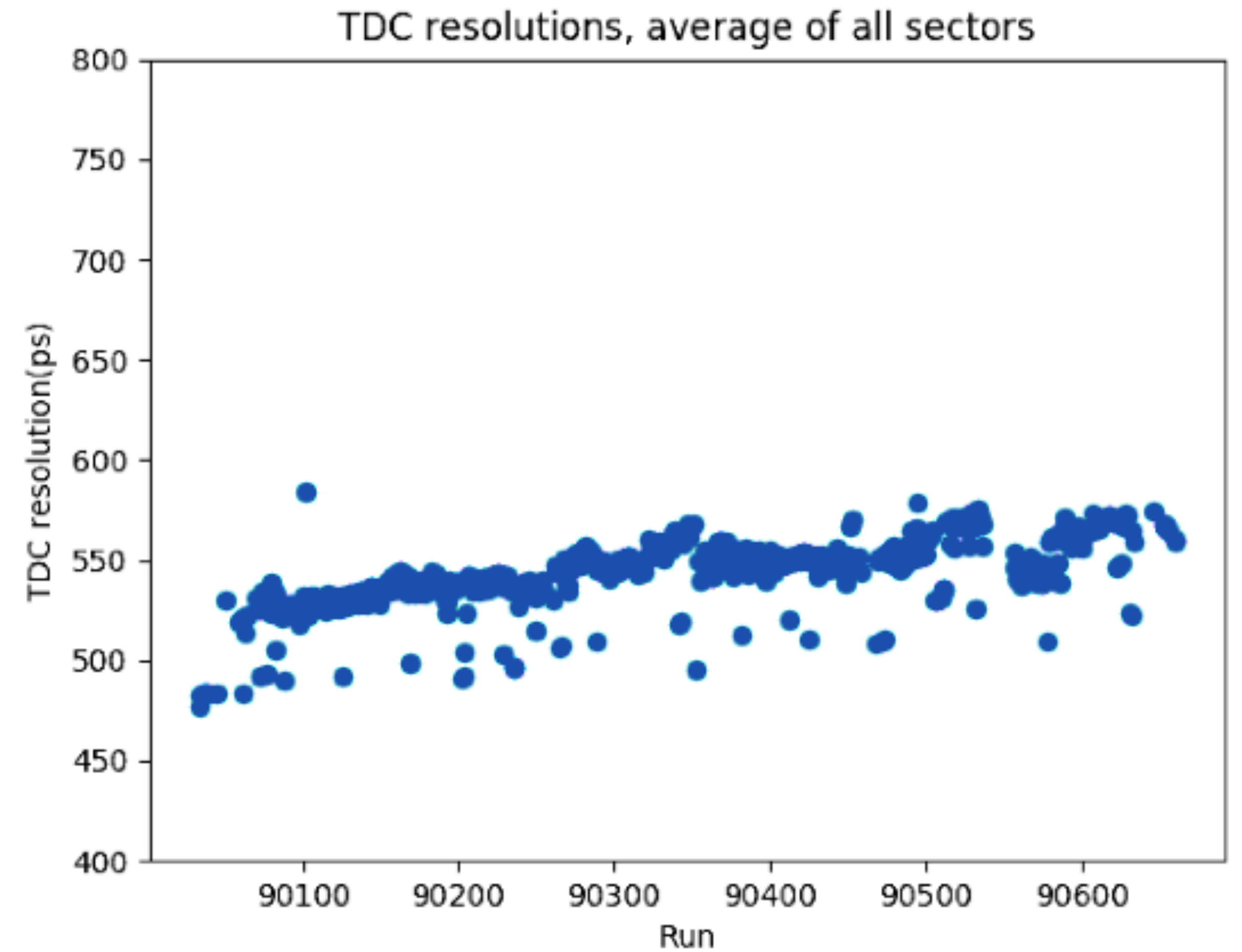
Tagger Microscope

- Offsets
- Most runs are well aligned
- Average offset < 40 ps
- A couple of runs need further tuning



Tagger Microscope

- Resolutions
- Resolutions seem to slowly increase



Tagger Microscope

- Problems
- Similar to SC

```
90102: max ADC offset is 2234.00 ps, greater than 100 ps
90140 file doesn't exist
90189: max TDC offset is 146.00 ps, greater than 100 ps
90190: max TDC offset is 154.00 ps, greater than 100 ps
90192: max TDC offset is 126.00 ps, greater than 100 ps
90193: max TDC offset is 142.00 ps, greater than 100 ps
90194: max TDC offset is 150.00 ps, greater than 100 ps
90195: max TDC offset is 154.00 ps, greater than 100 ps
90225: max ADC offset is 474.00 ps, greater than 100 ps
90255: max TDC offset is 131.00 ps, greater than 100 ps
90281: max ADC offset is 1575.00 ps, greater than 100 ps
90387: max ADC offset is 174.00 ps, greater than 100 ps
90388: max ADC offset is 236.00 ps, greater than 100 ps
90389: max ADC offset is 185.00 ps, greater than 100 ps
90390: max ADC offset is 226.00 ps, greater than 100 ps
90393: max TDC offset is 107.00 ps, greater than 100 ps
90472: max ADC offset is 271.00 ps, greater than 100 ps
90514: max TDC offset is 101.00 ps, greater than 100 ps
90536: max ADC offset is 125.00 ps, greater than 100 ps
90594: max ADC offset is 248.00 ps, greater than 100 ps
90612: max ADC offset is 229.00 ps, greater than 100 ps
90615 file doesn't exist
90616 file doesn't exist
```