SXRI0214

For some reason using the batch system makes the data worse.

files

63 [5840:15217]   99 [478:18129]   98 [4497:18447]
64 [4803:16178]   100 [4482:18513]   101 [4631:19016]
67 [4544:13008]   95 [4601:]   102 [4420:19132]
69 [5422:16174]   91 TIME [4707:18533]
77 TIME [4357:12734]   97 [4533:17621]
133- [4850:]   You can estimate these
136 [4714:17342]
137 [4615:17619]
TIME 144 [4555:]
145 - [4719:]
146 - [4500:]
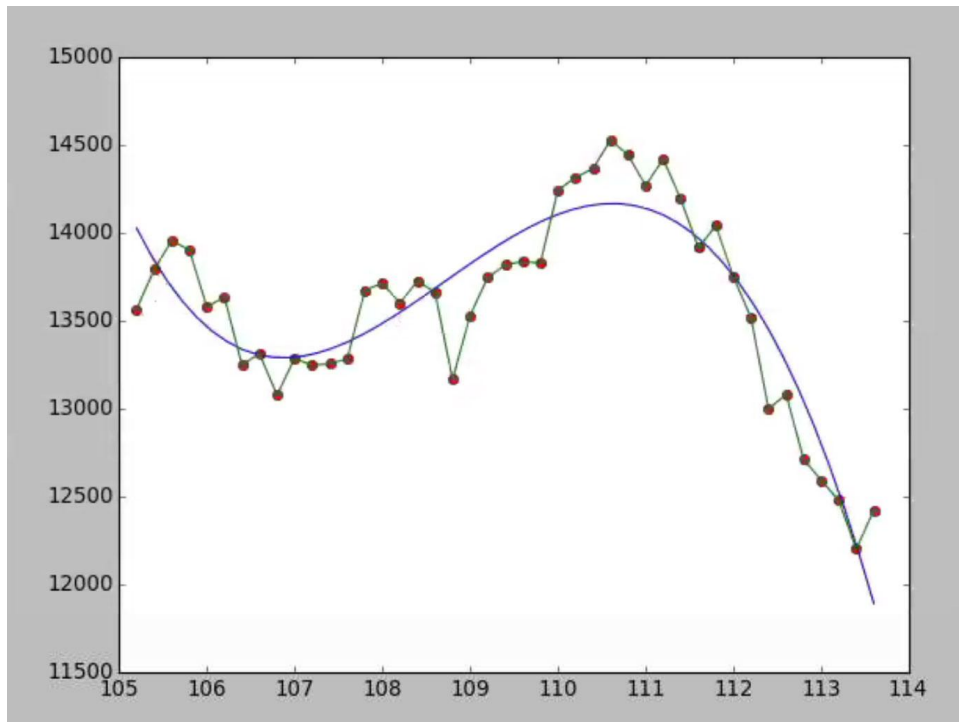**149 - [445:10,000]**
151 TIME [382:]
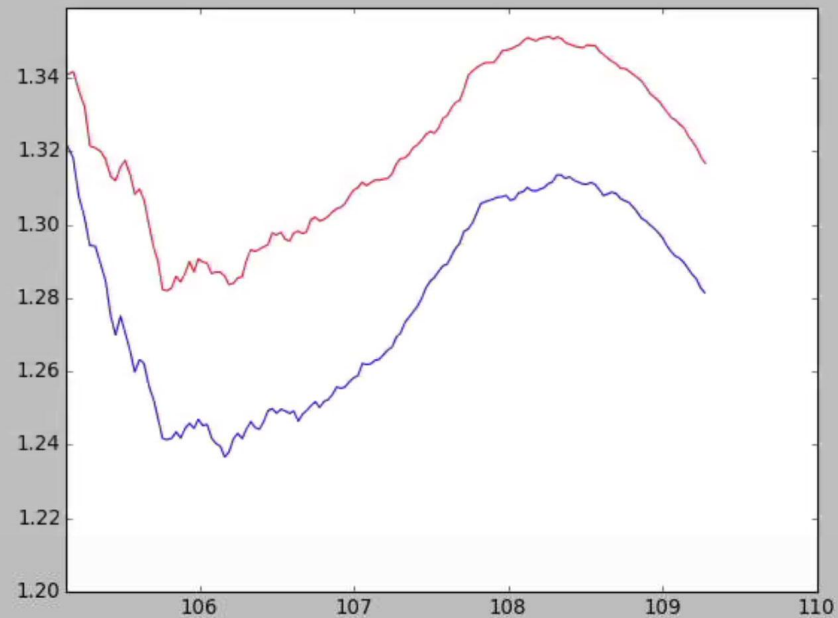152 TIME [454:]
163 TIME [422:]
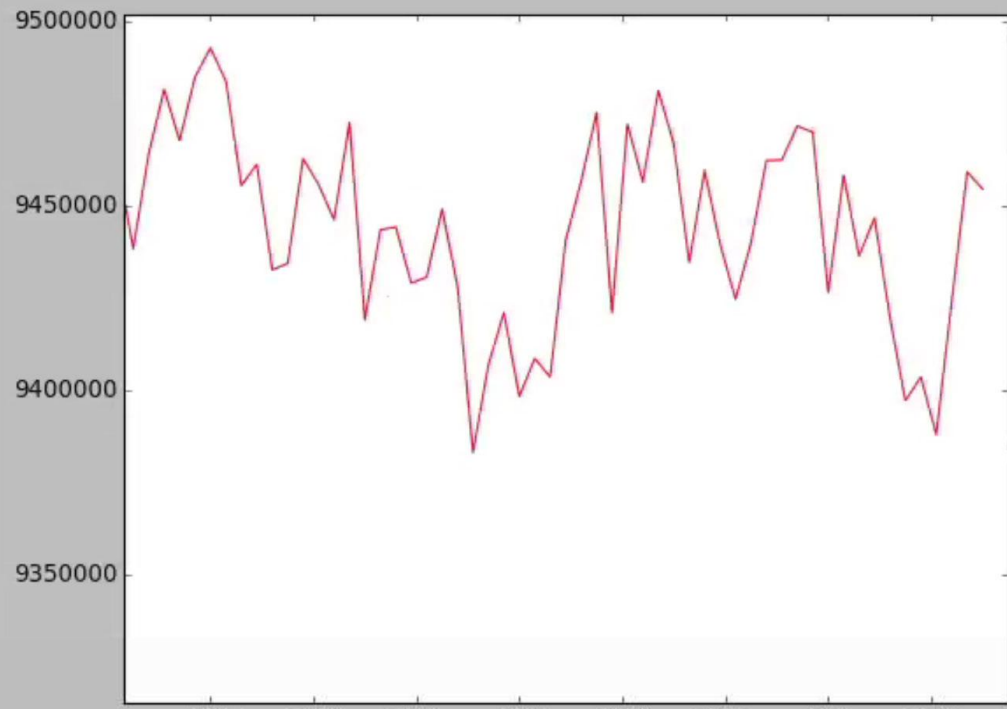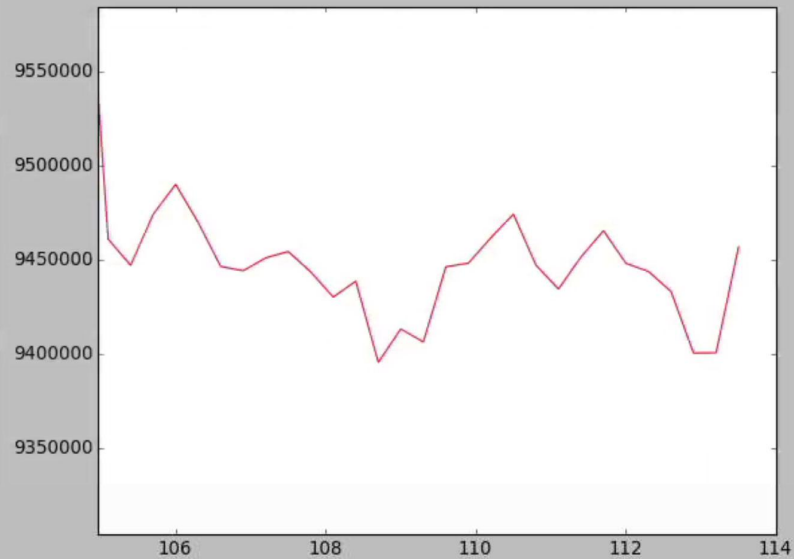164 TIME [422:]
166 [420:]

133

Unfiltered simple binning
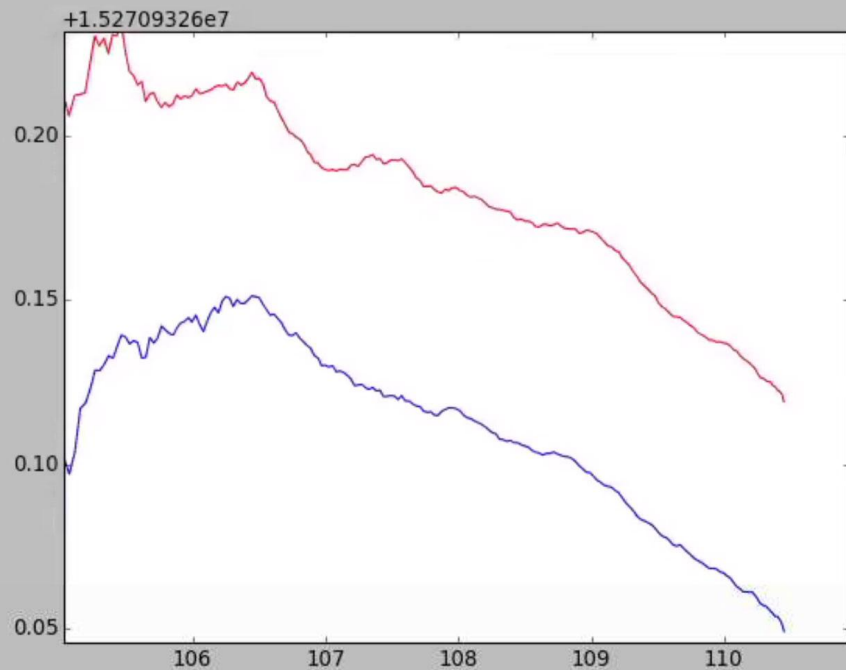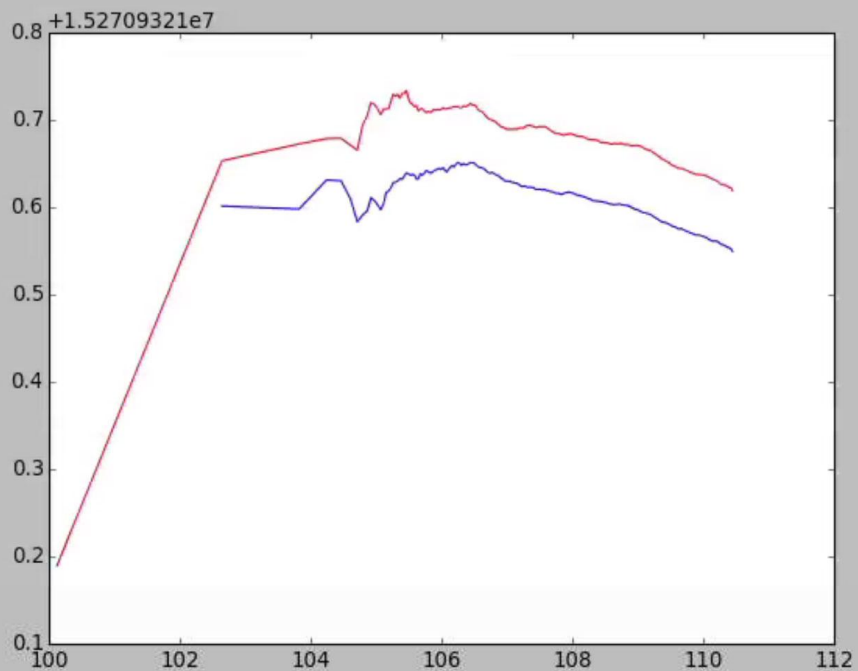
133 with batch system:

However the GMD normalization causes the data to become meaningless. (not shown)
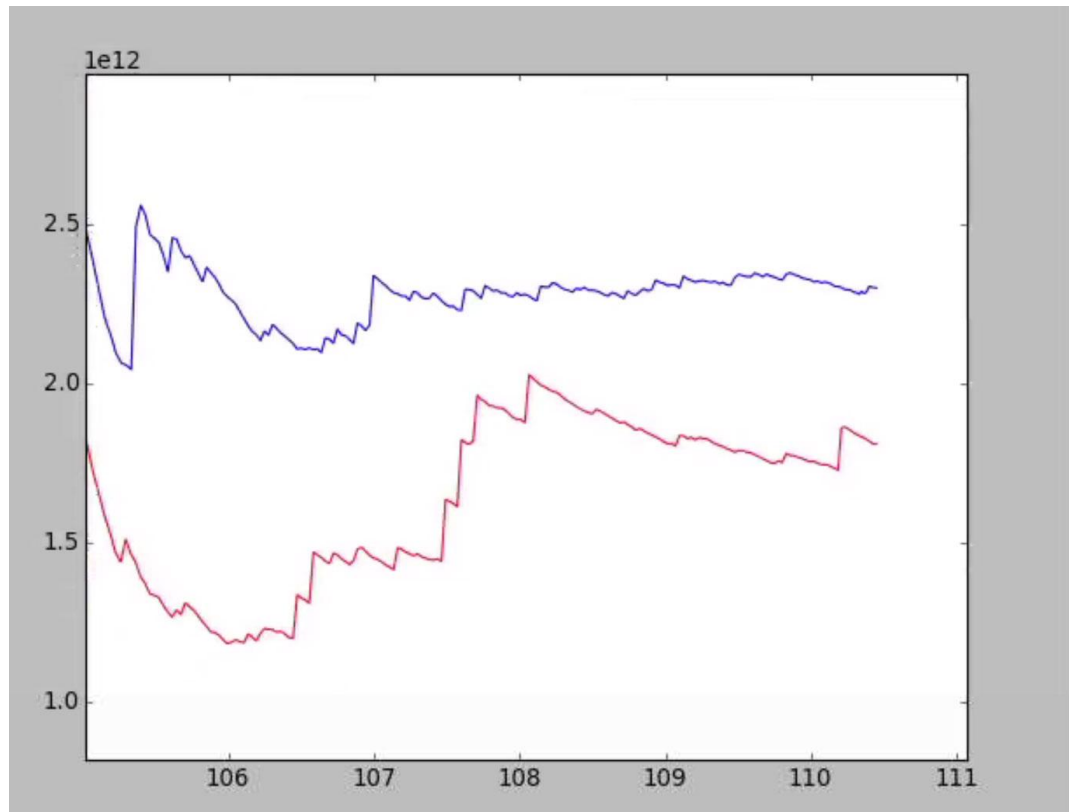
145

Simple binning no gmd

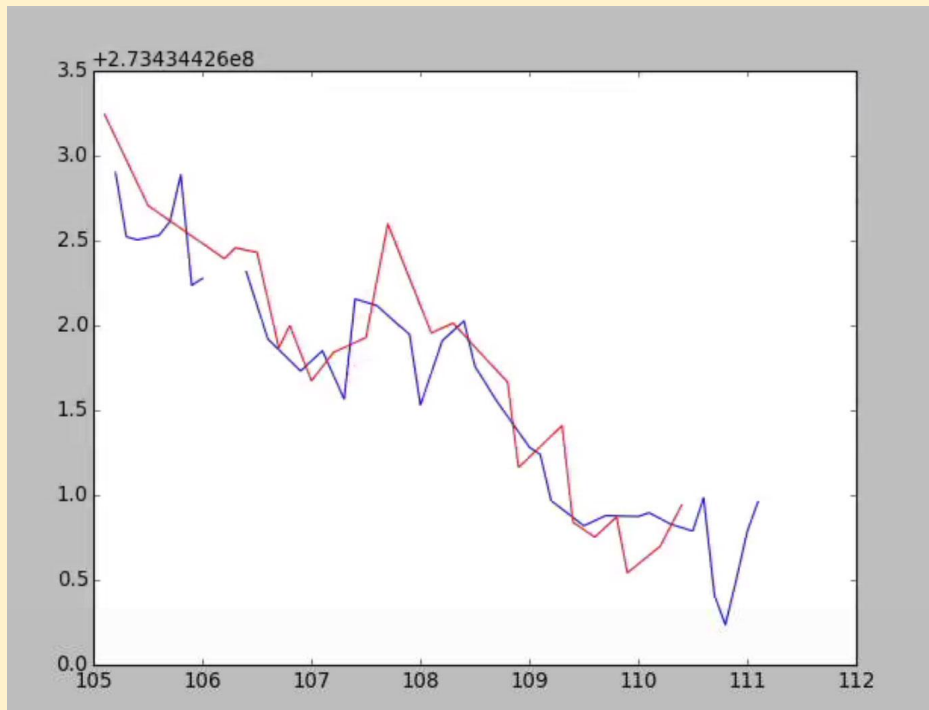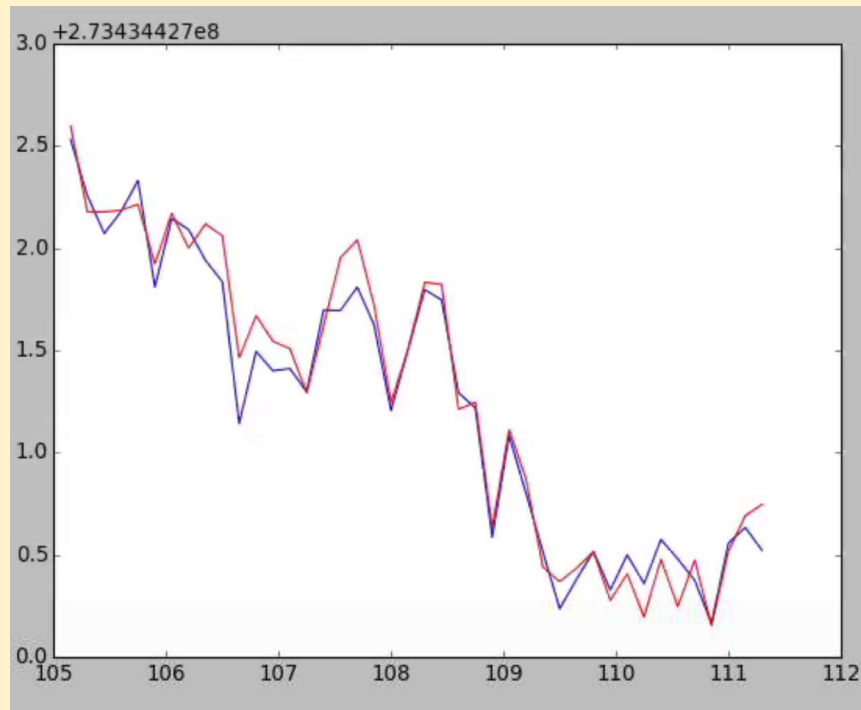# 145

Simple binning with gmd
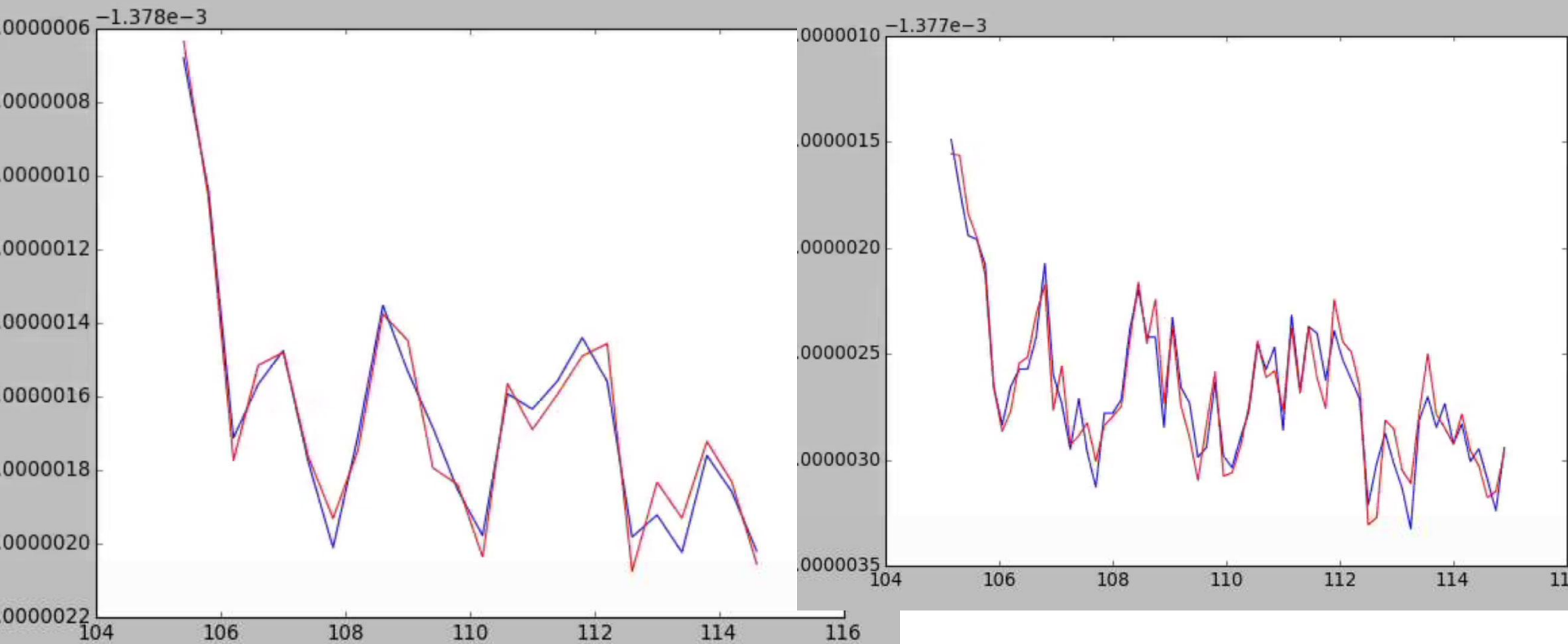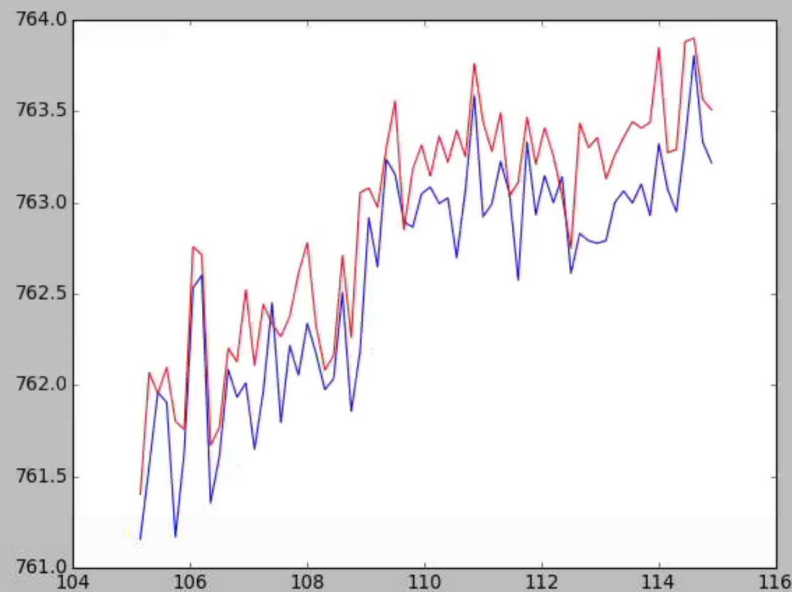
Run 149

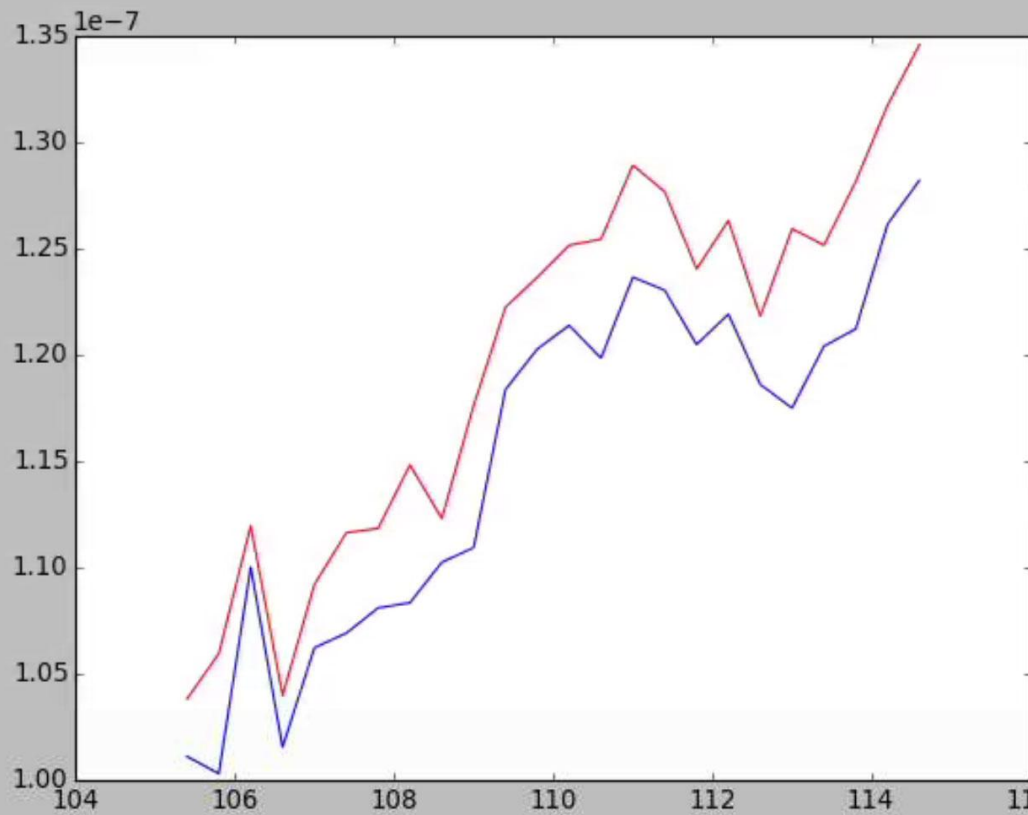Before current program: (no gmd)   current program
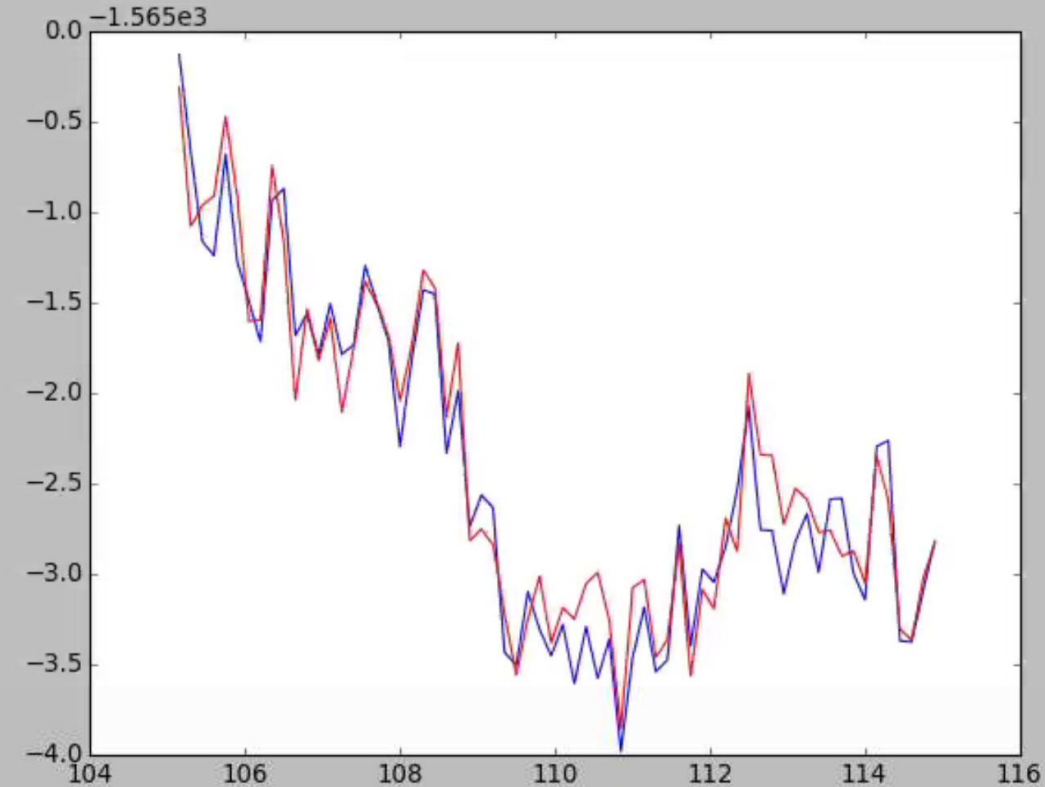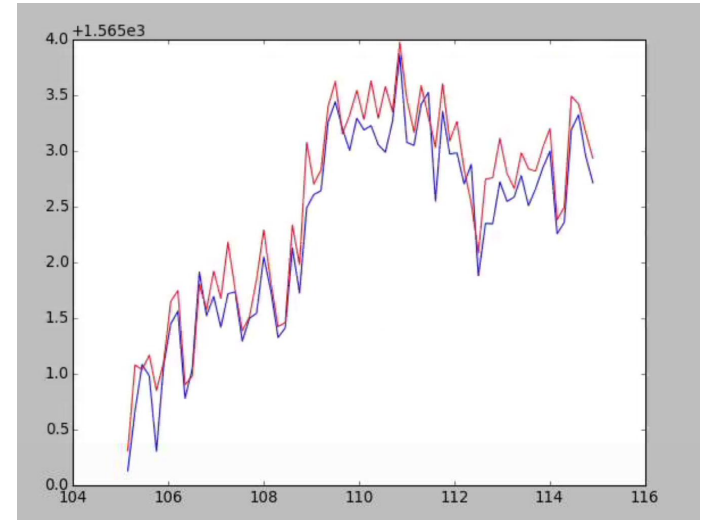
Batch system with laser
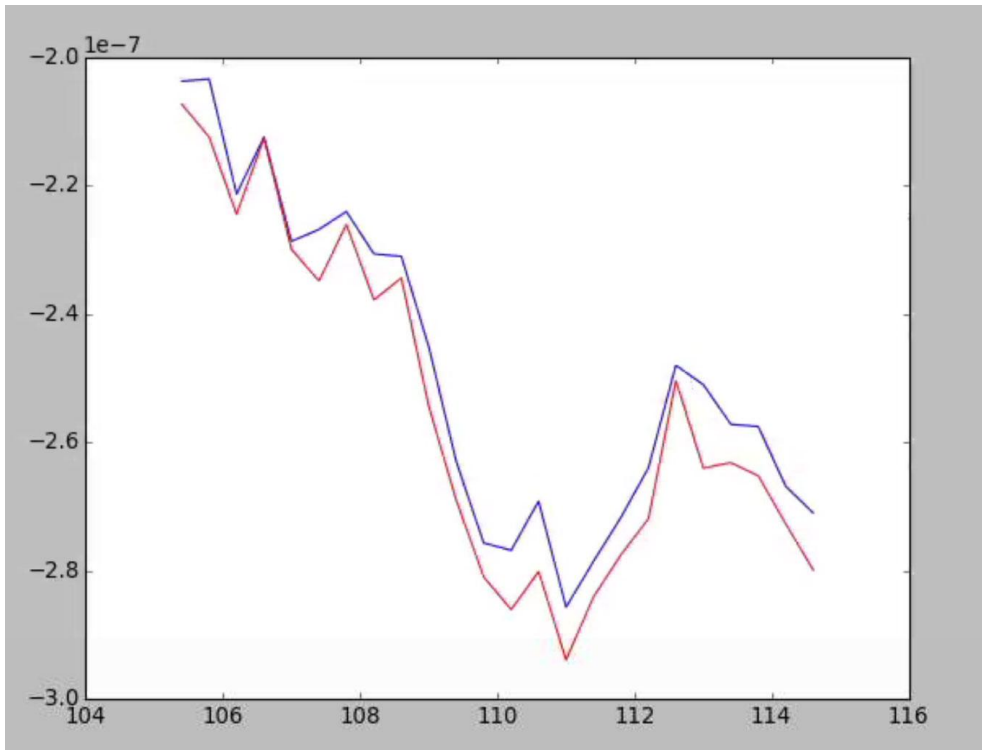
Using the old method gave different results...
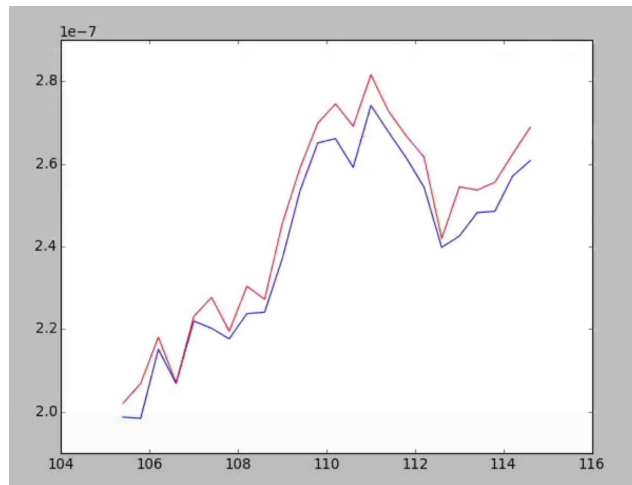
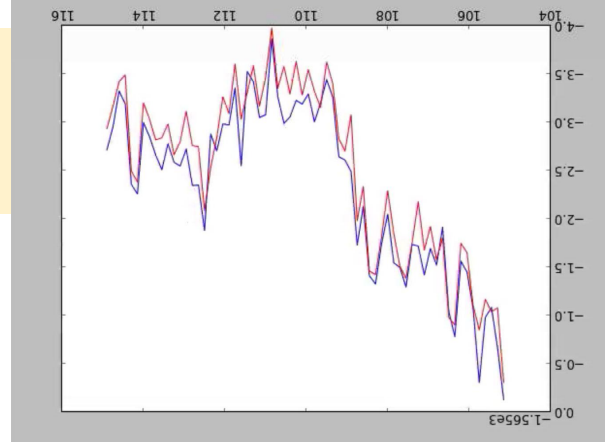# 149 reformat. w/ new apd calc

It's about the same with gmd or without gmd. (The trench is just less extreme) flipped apd below

149(re)

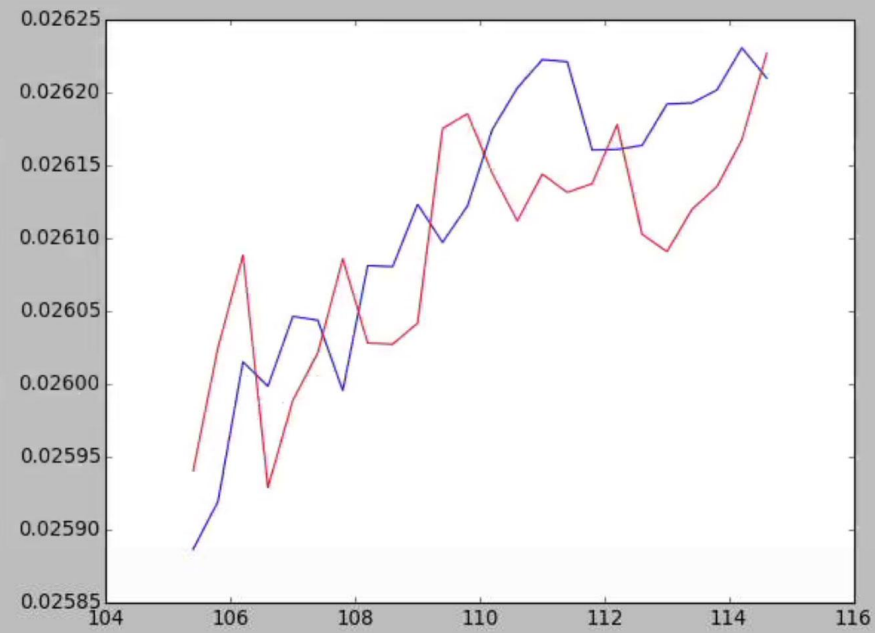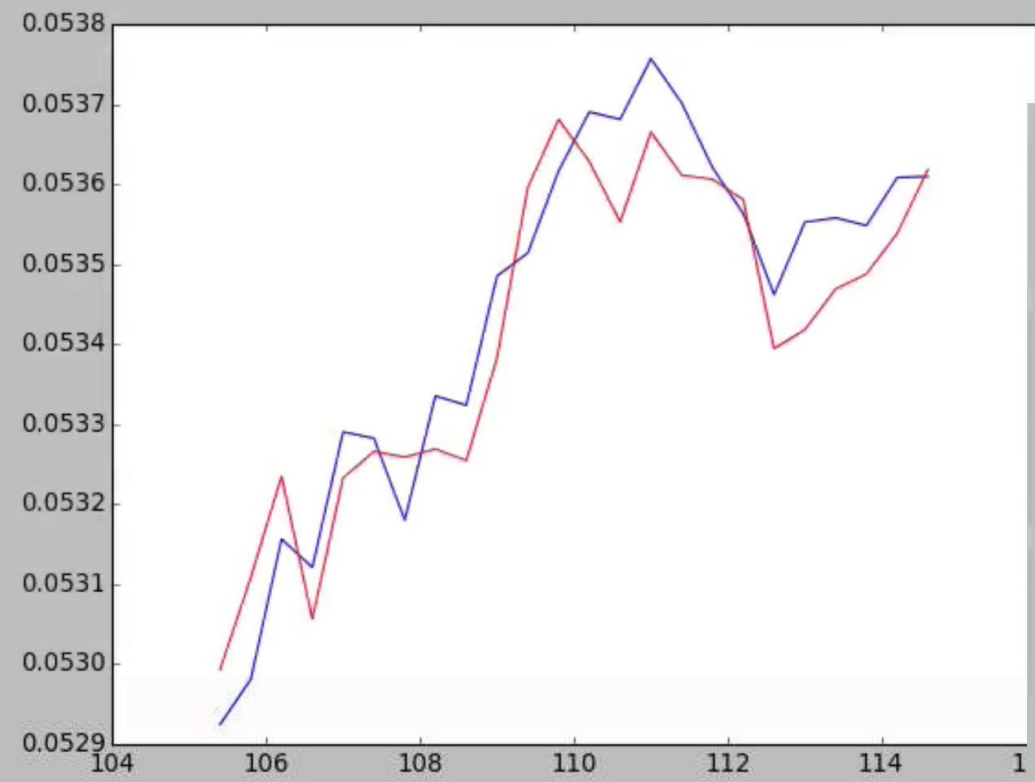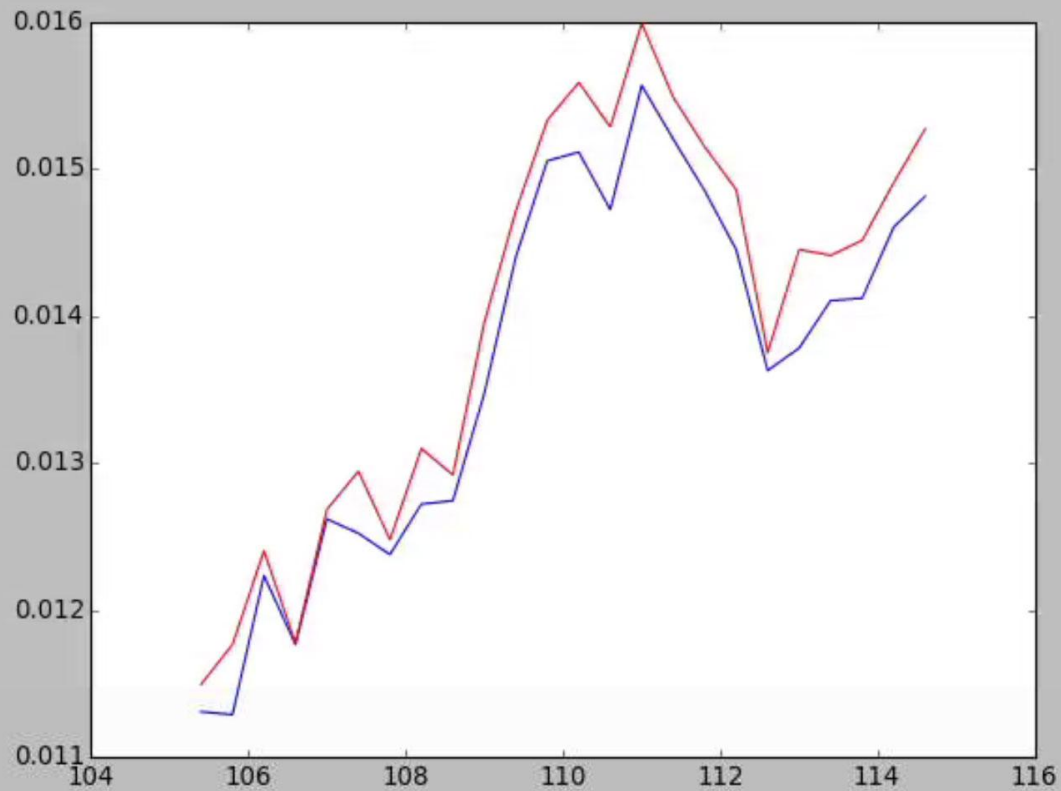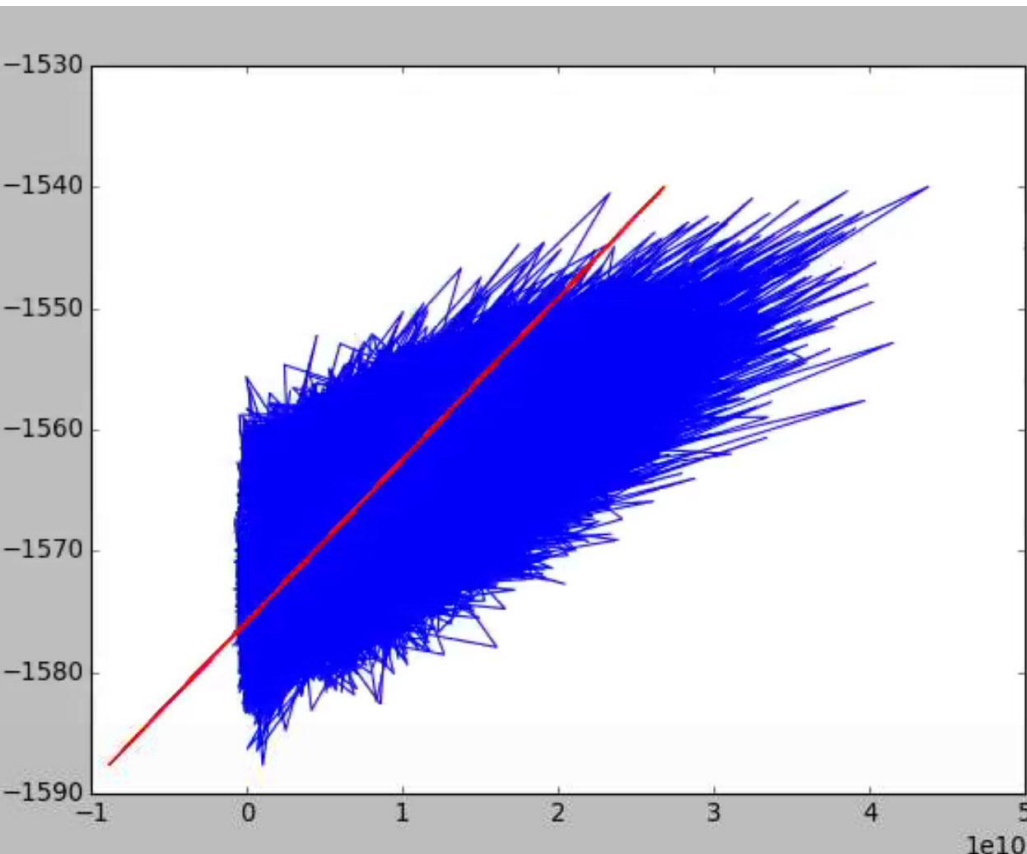^ .4 angle per bin   flipped

149

149 inteD

149 apd-gmd noise correlation

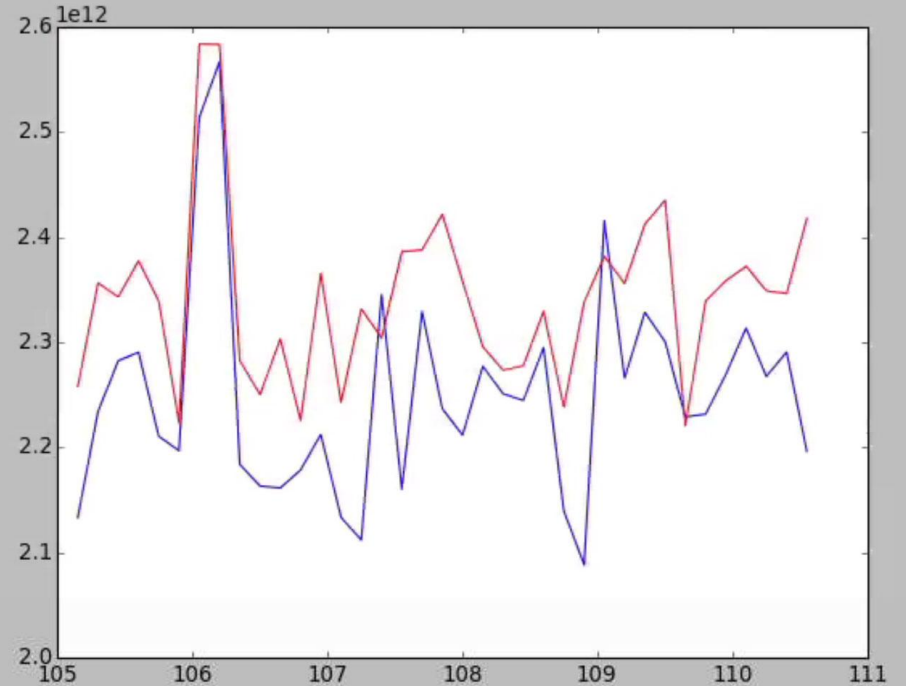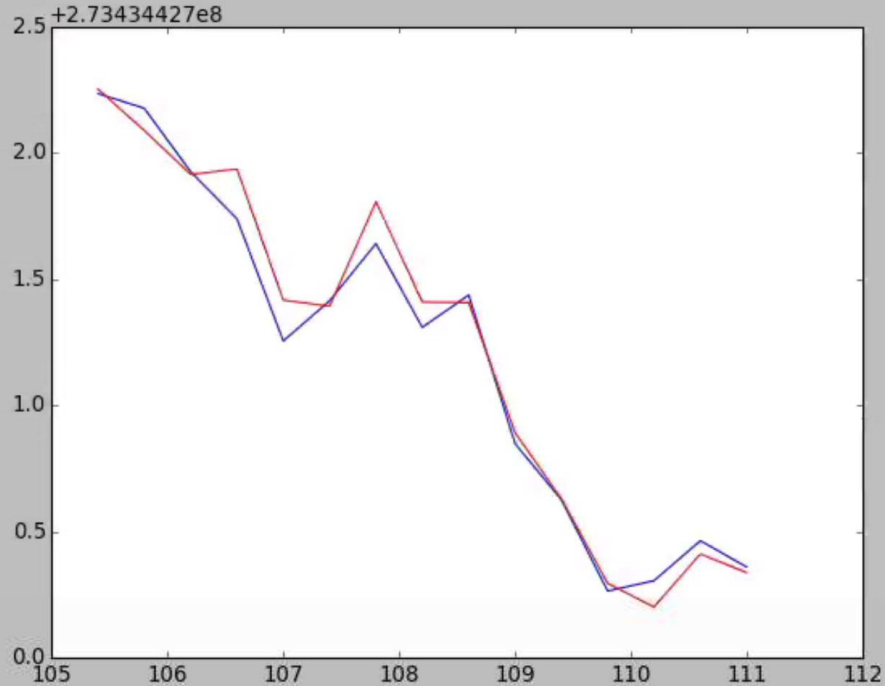This is the correlation with all GMD points.

The correlation does not look good

-too many weights around 0 most likely taking it down

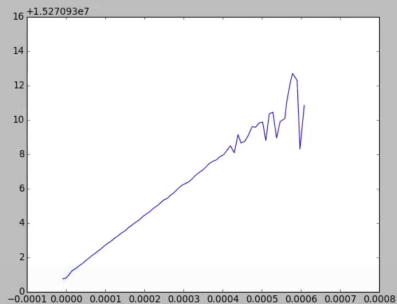- filter beam drops out (slices below 0)? However this is on an e10 scale so 0's may already be gone.

149 relative gmd and large bins

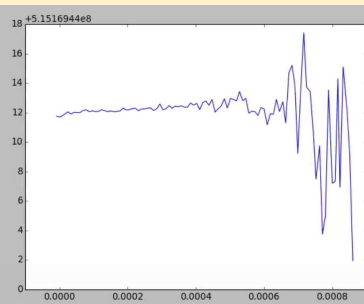It is the same as before. I've just increased the bin size. Gmd is right side
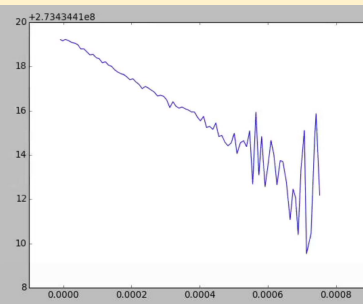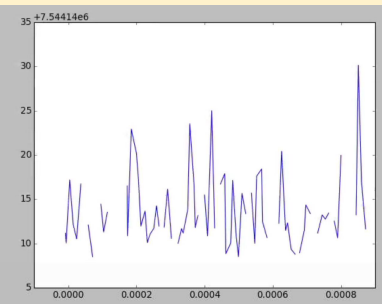
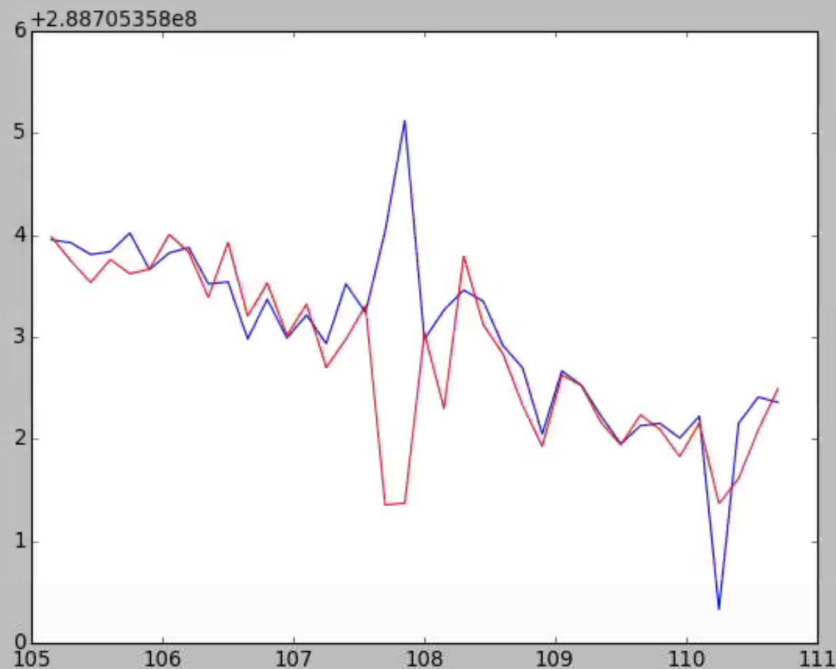# Something strange: gmd and apd correlation

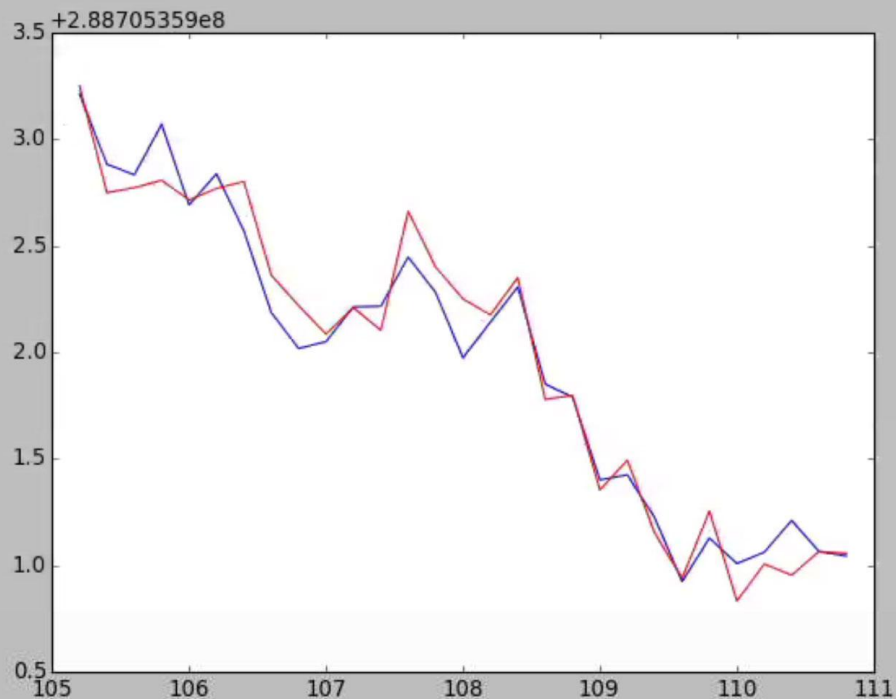
145

152

149

101

149 plus 145 (?)
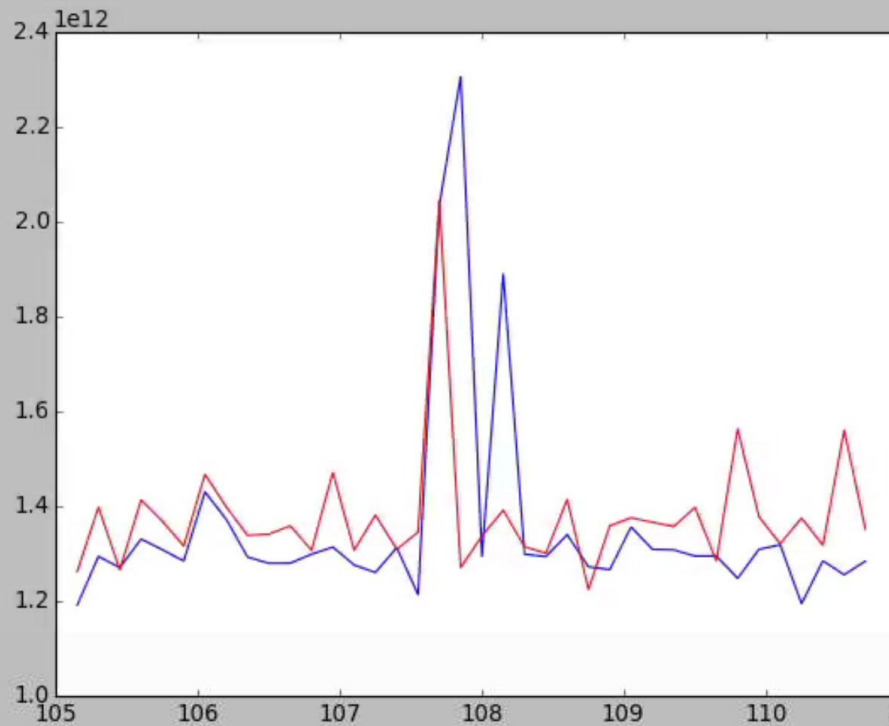
Less filtering   only match ups (both on/both off)
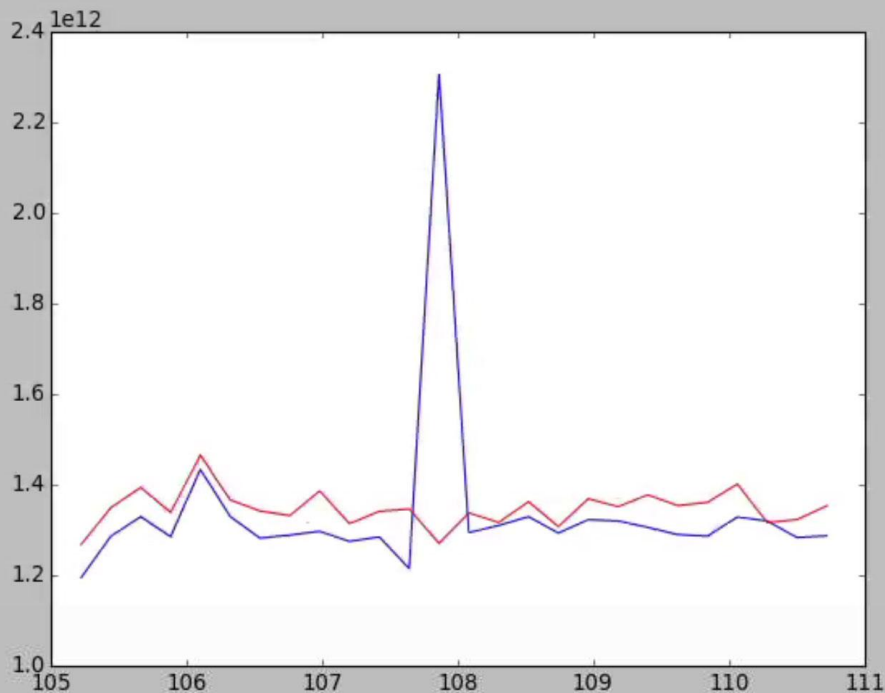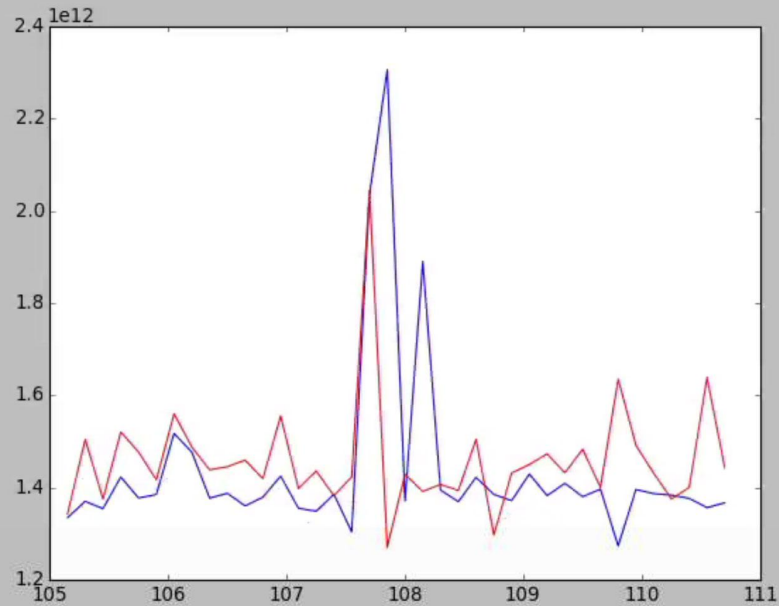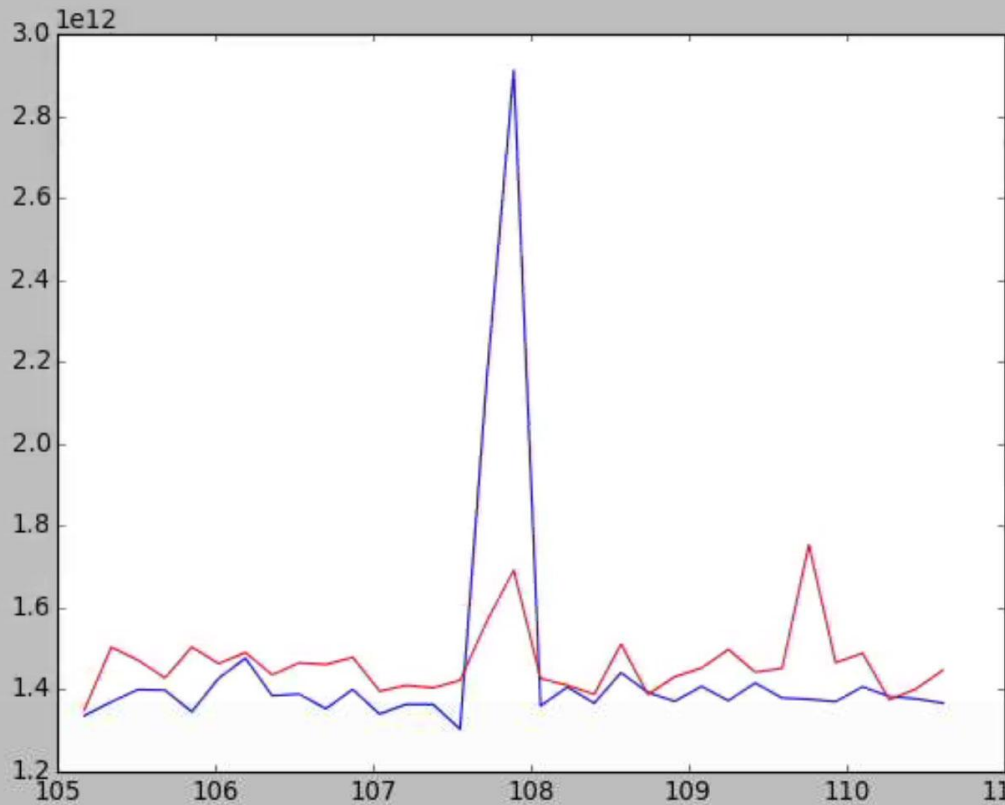
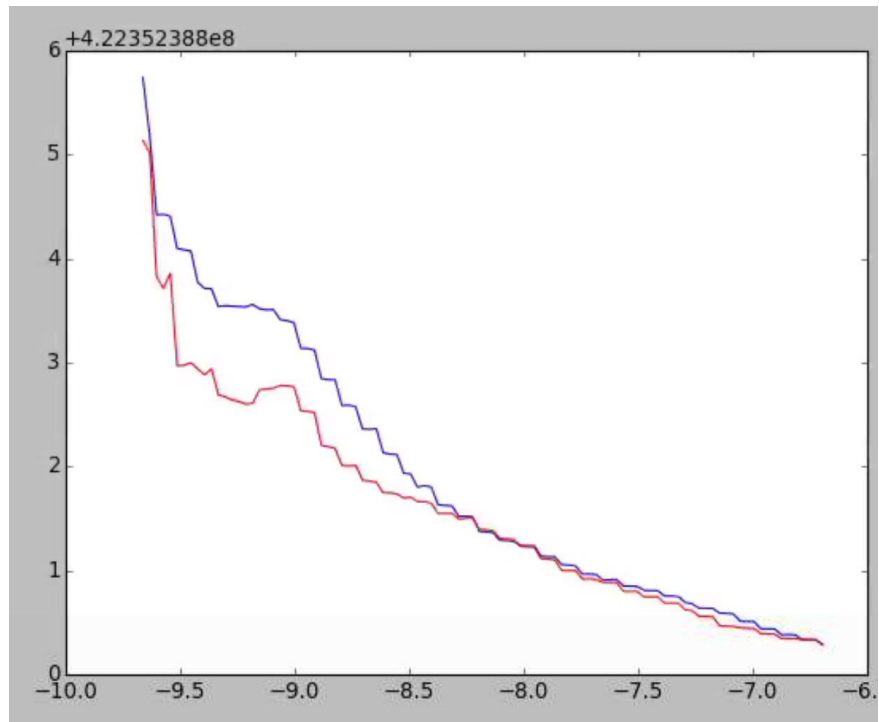# 149 and 145 with gmd

100 bins

less bins

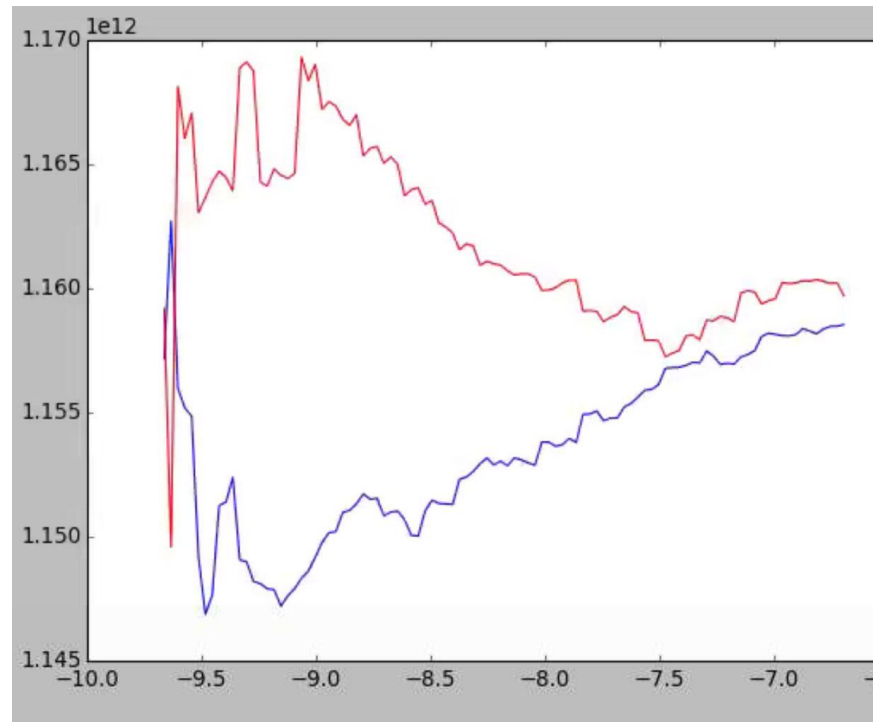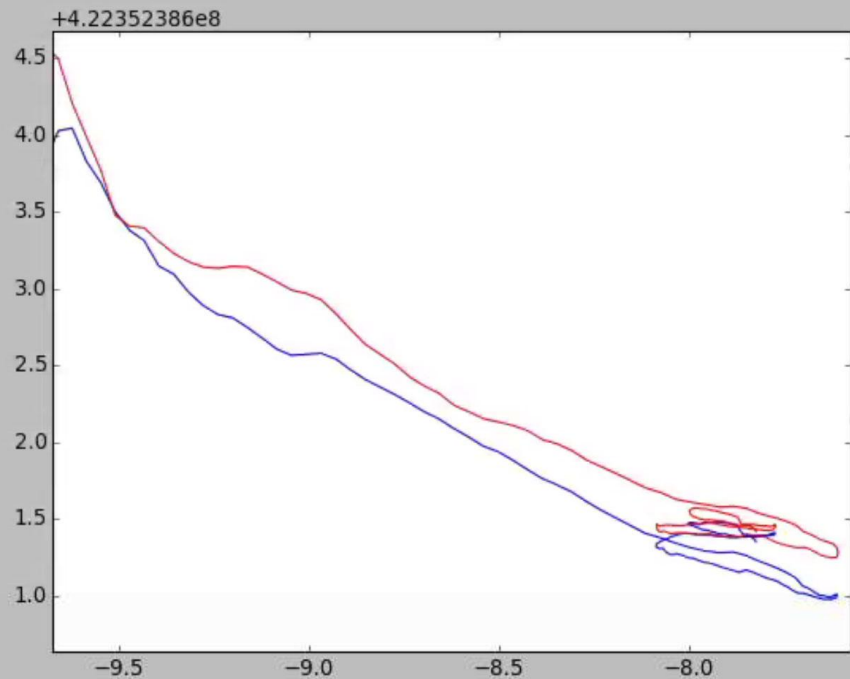# 145 and 149 with more constraint and .17 binsize

TIME TRIALS

151

No gmd

gmd

151 simple

No gmd

gmd