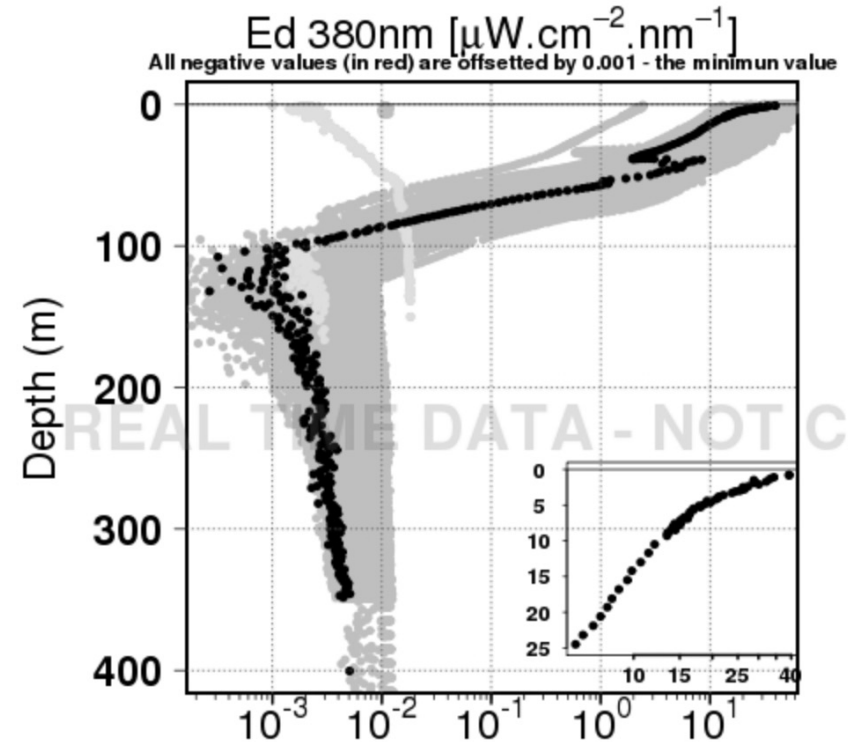
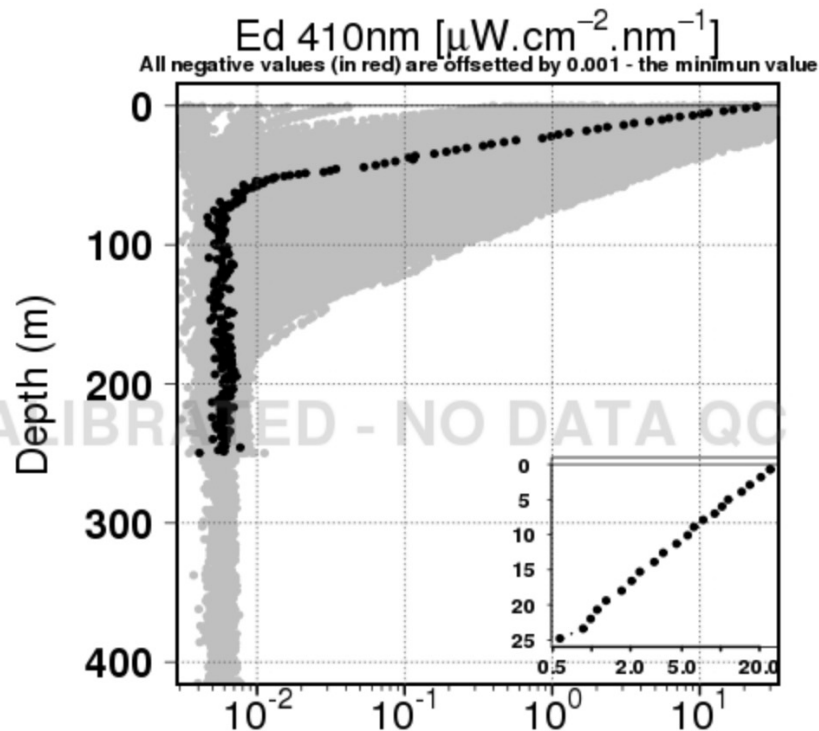
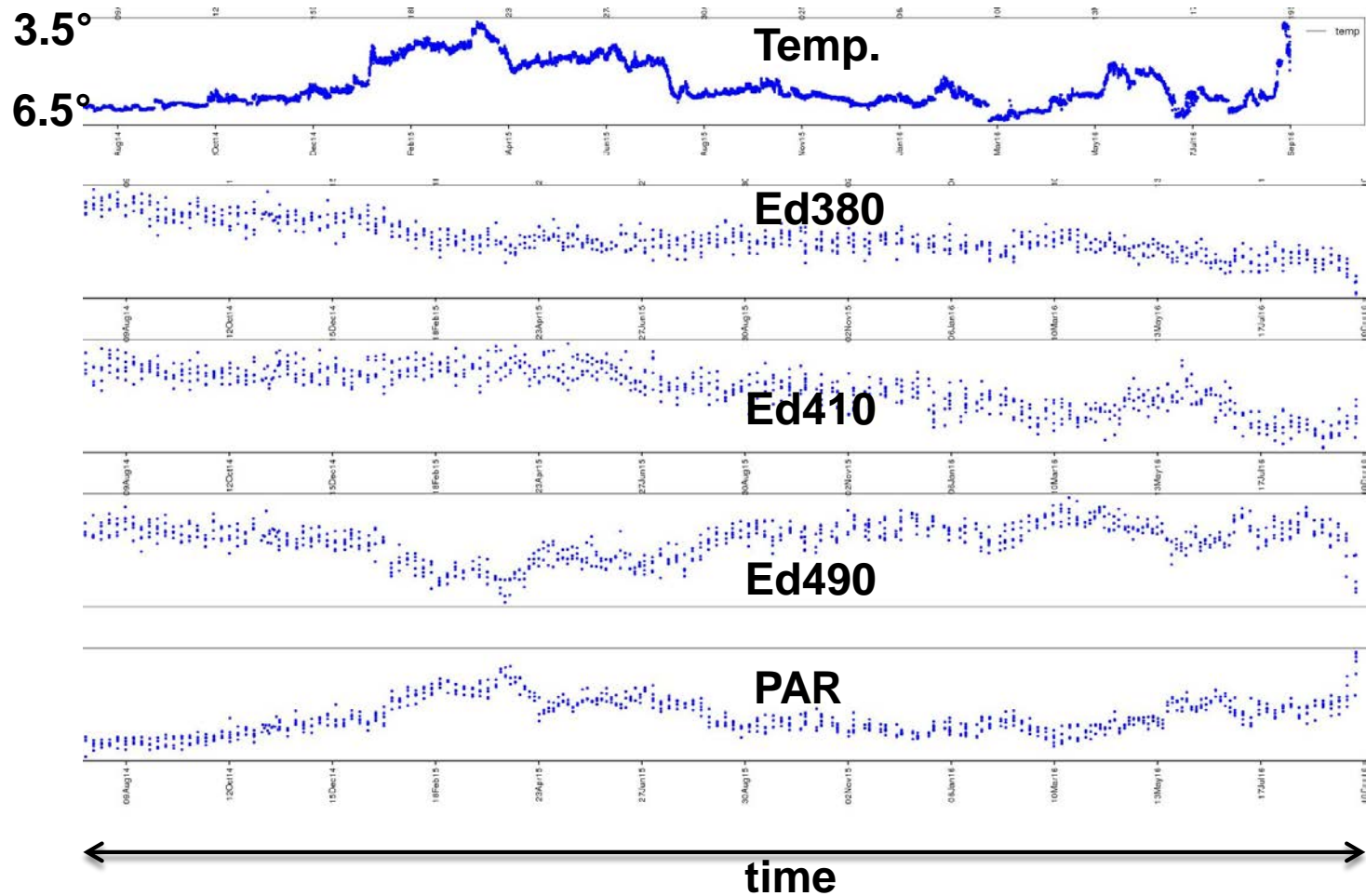


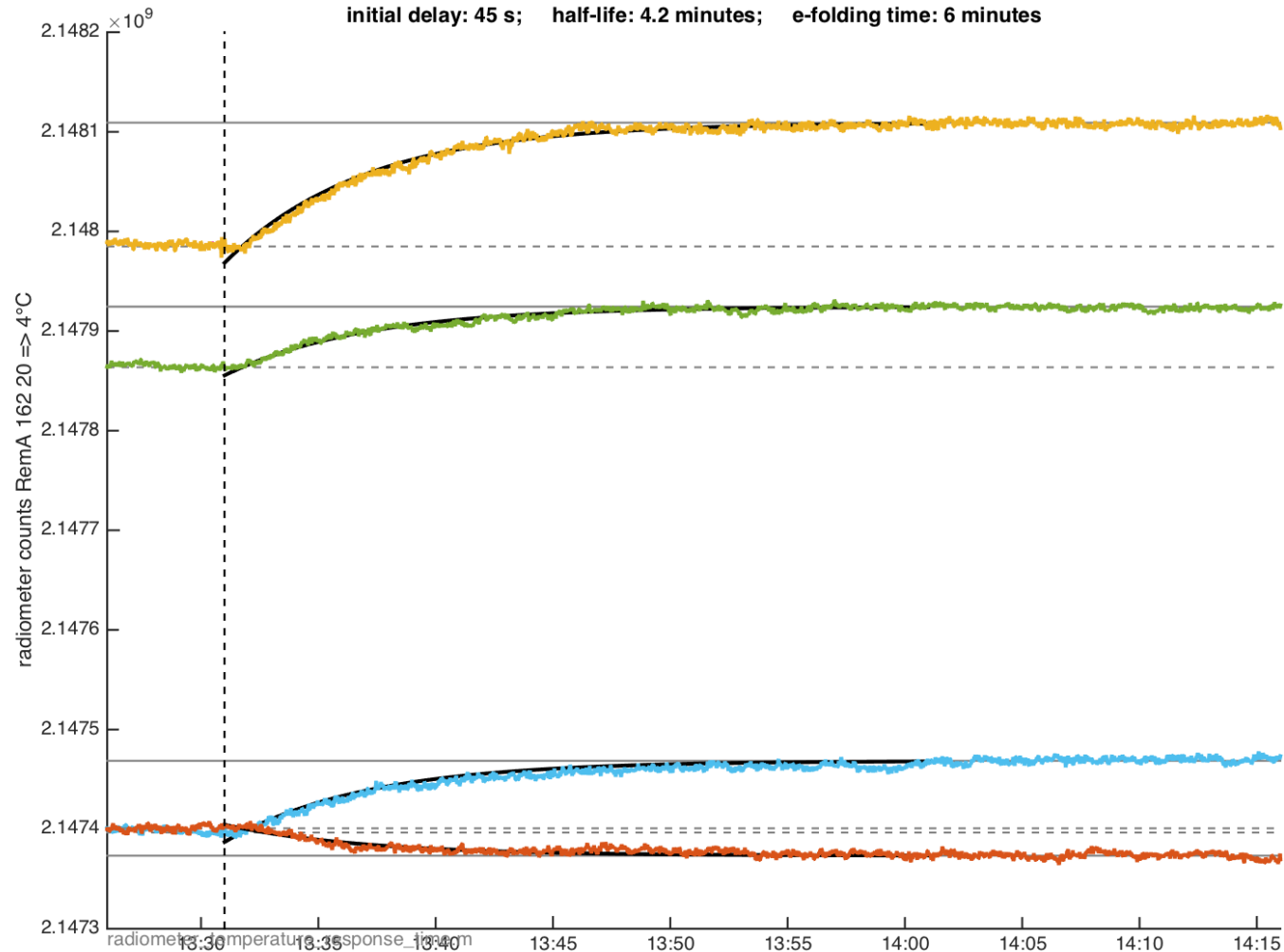
Radiometry : Pressure and Temperature dependance



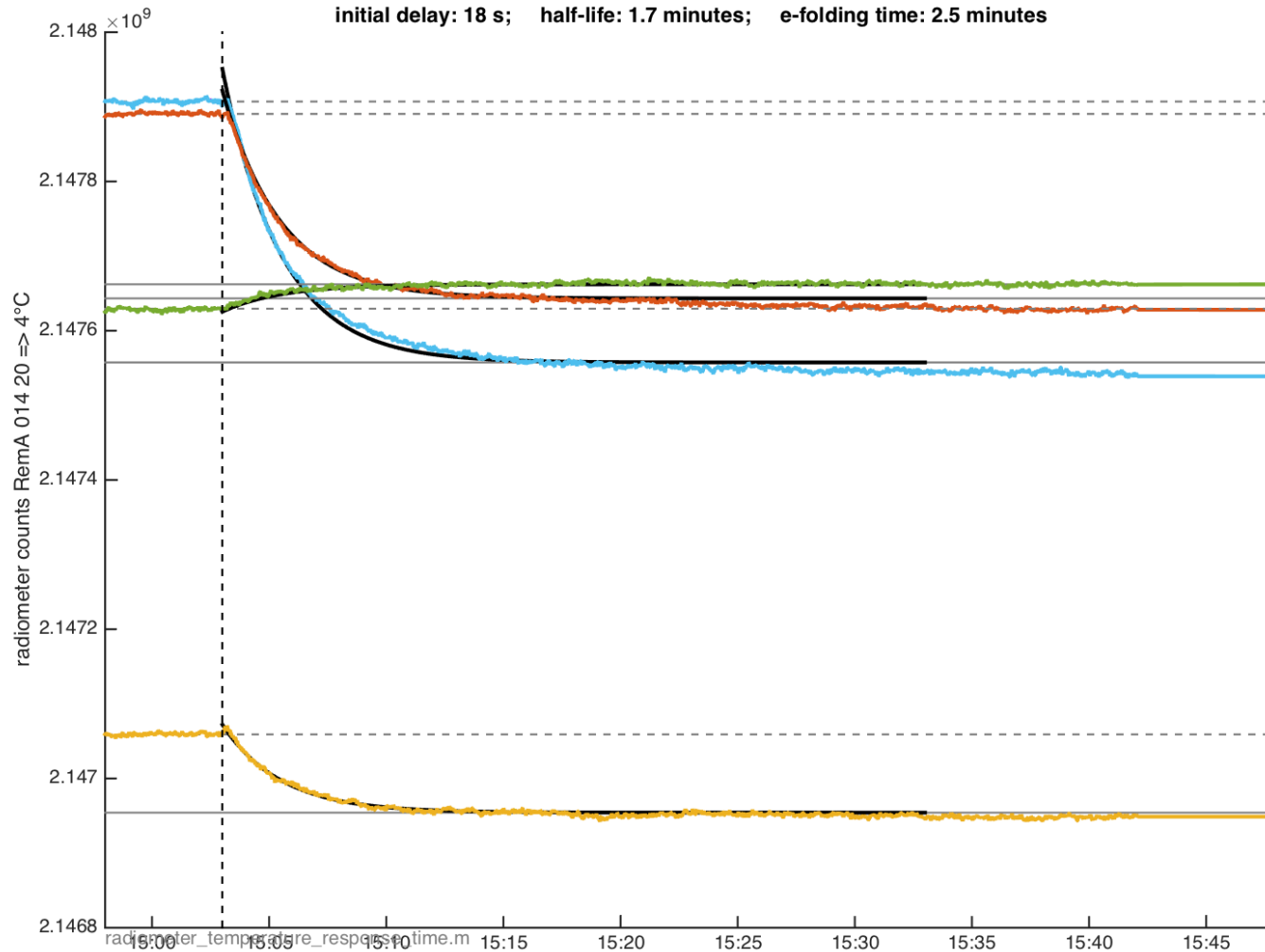
Drift acquisition at 1000m



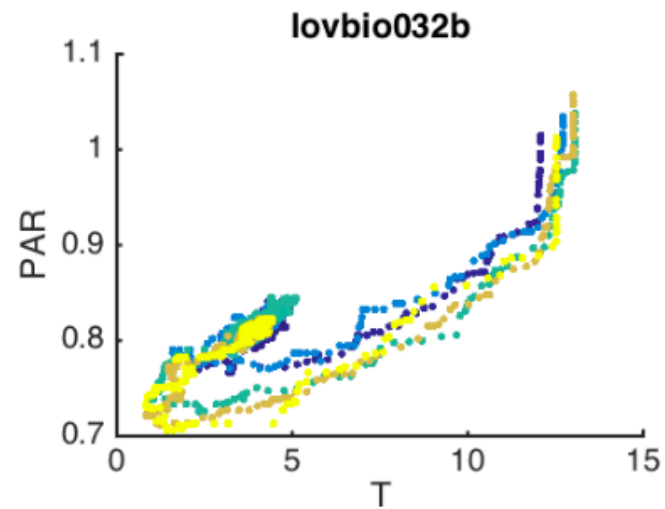
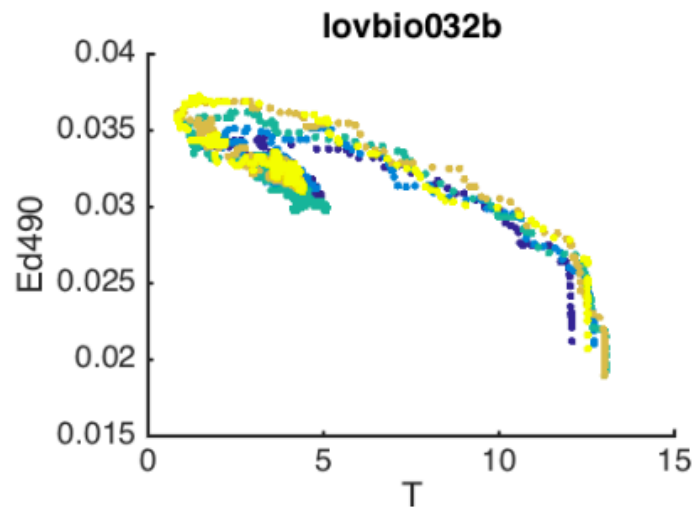
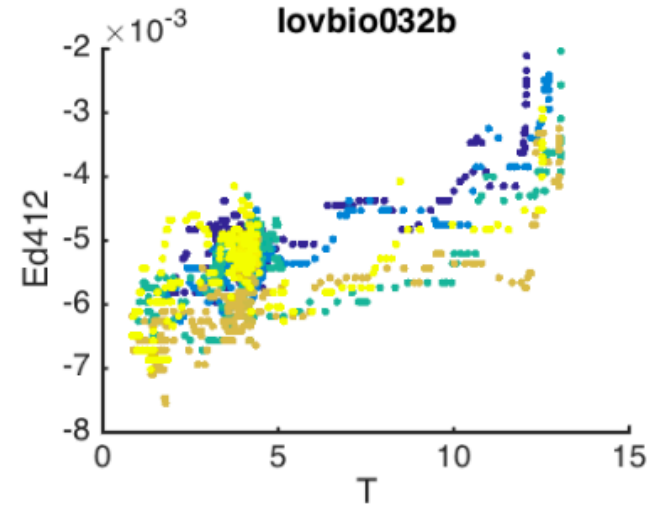
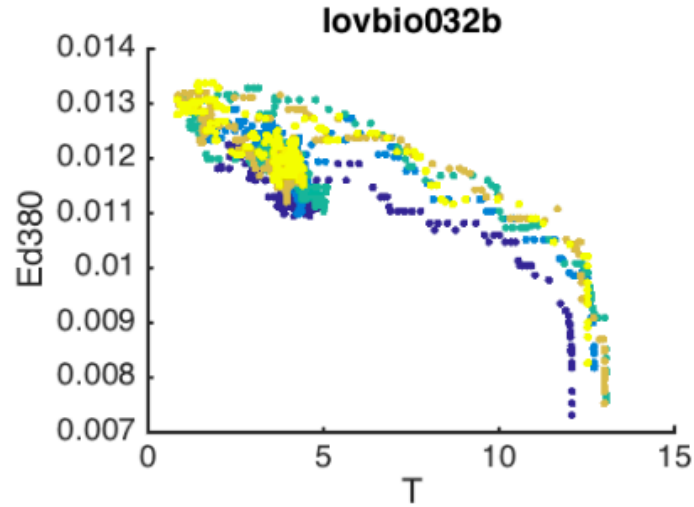
OCR Radiometer dark count response to sudden temperature change (plastic)



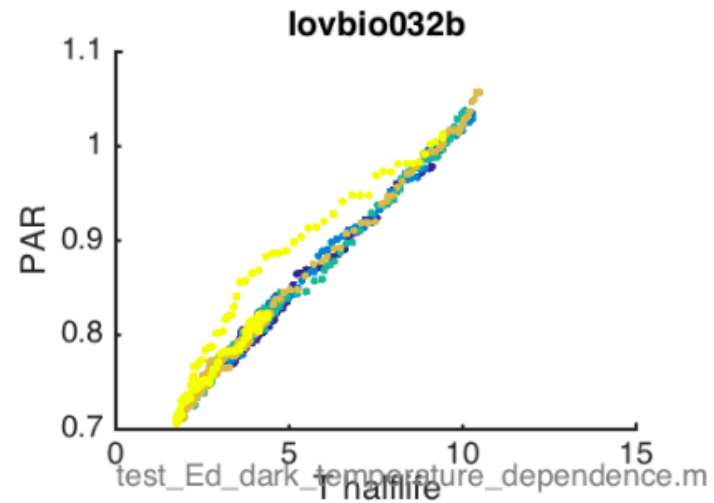
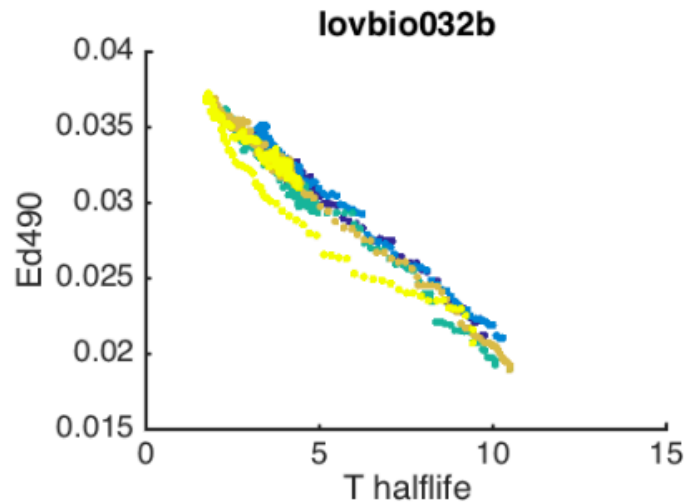
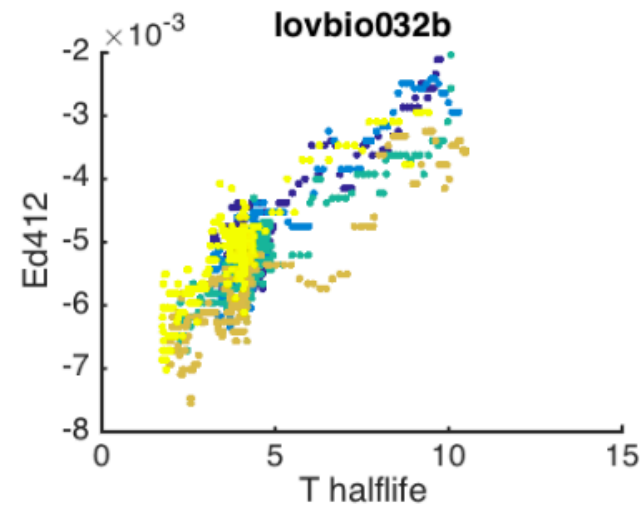
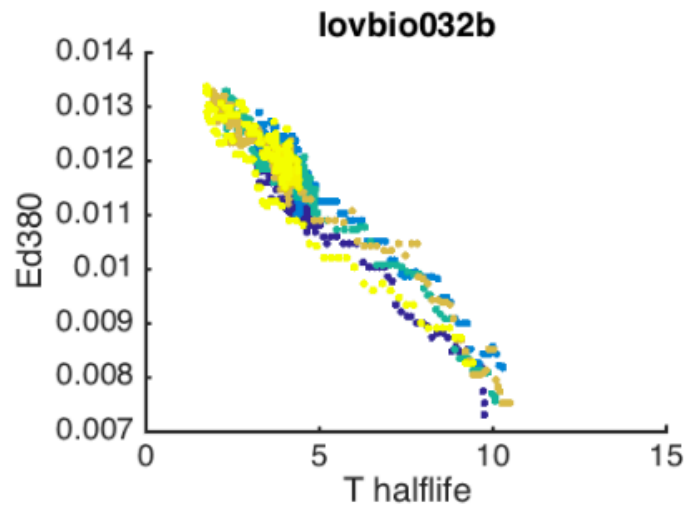
OCR Radiometer dark count response to sudden temperature change (aluminum)



Dark vs Temperature in situ



Dark vs T (corrected for delay)





Recommendation:

- At least 1 midnight profile per year per float with OCR radiometers.
- Preferred timing: at end of summer, when T dynamic range is near maximum.
- Use midnight profiles to correct for T-dependence and deep drift data to correct for sensor drift