

Data subset

all

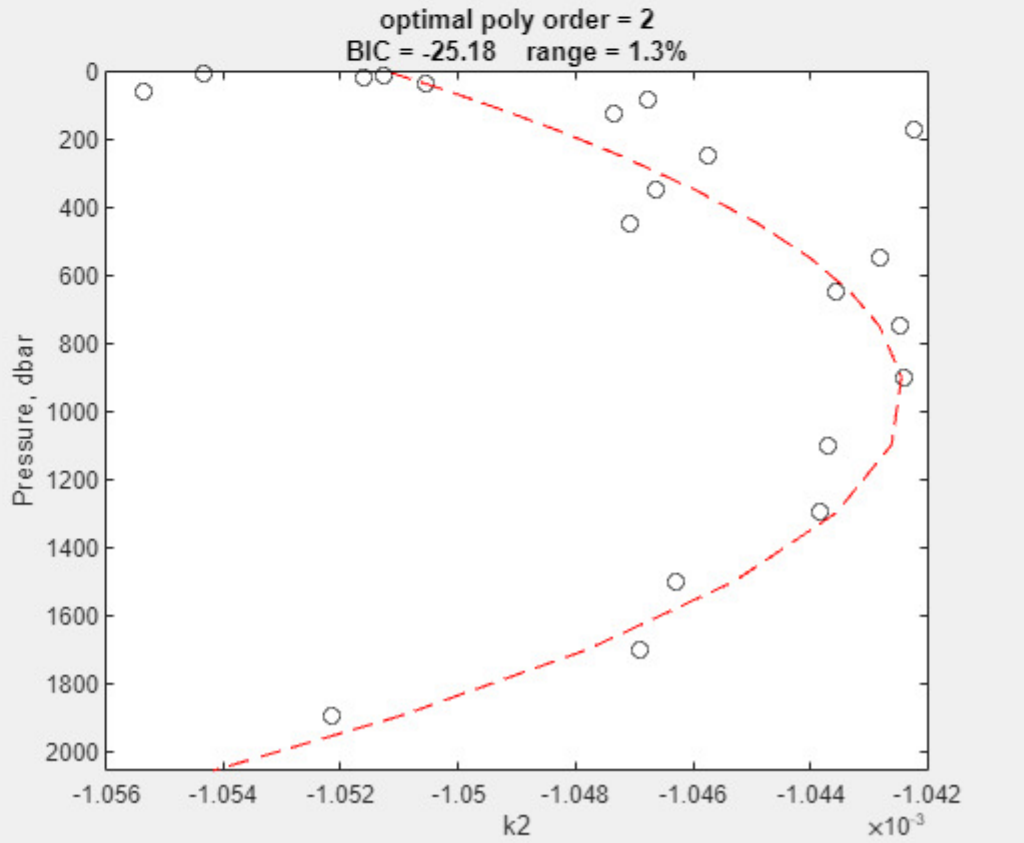
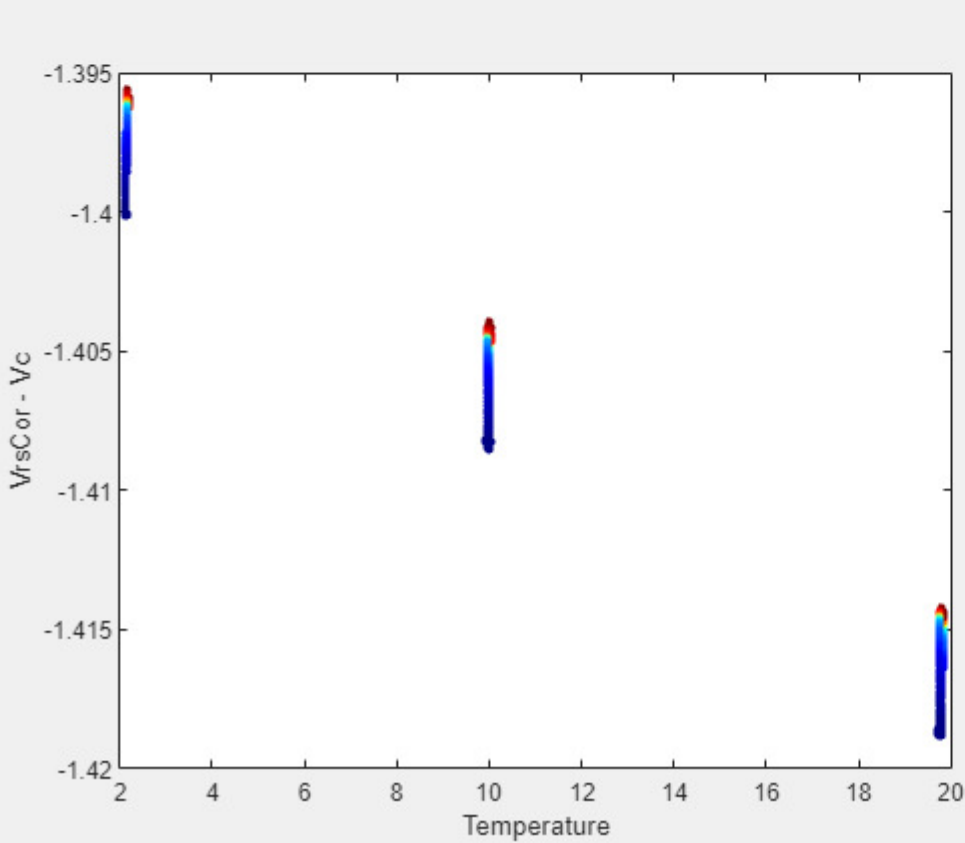
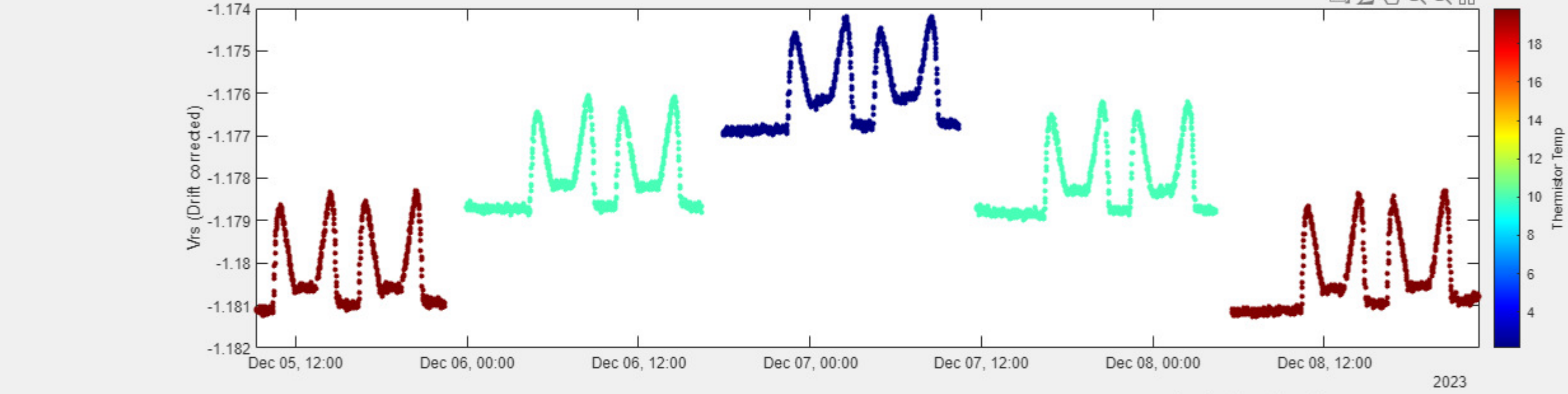
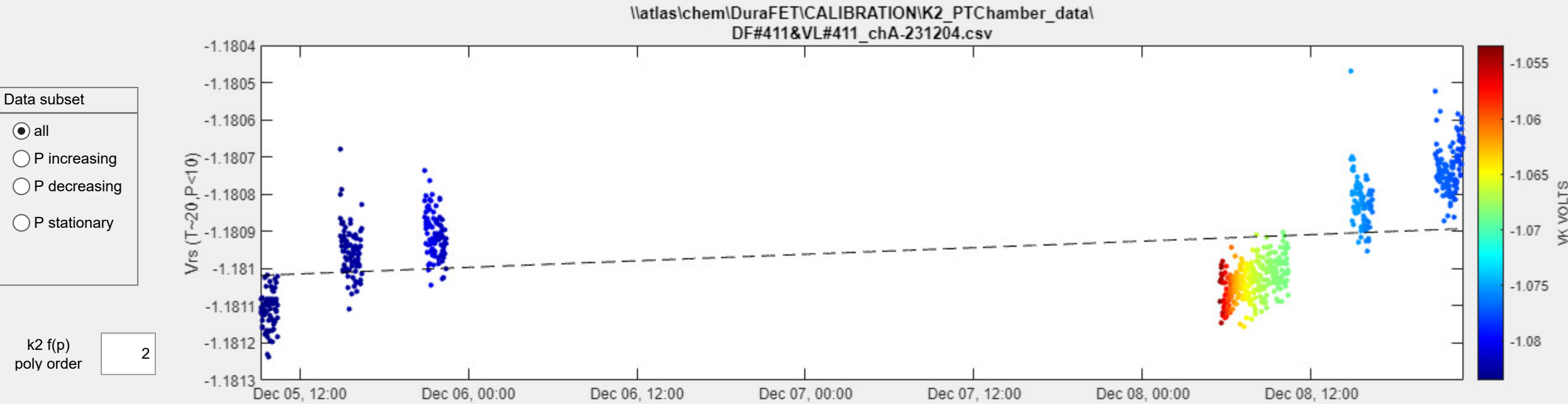
P increasing

P decreasing

P stationary

k2 f(p)
poly order

2



Sensor SN not in pH log file!!!!		
Process Date:	12/12/2023 08:28	
Durafet SN:	411	
pH stem mfg:	MBARI	DF
MSC #:	XXXX	
PT Source directory :	\\atlas\chem\DuraFET\CALIBRATION\K2_PT...	
PT Source file :	DF#411&VL#411_chA-231204.csv	
PT test channel :	A	
HCl concentration:	0.01000	Molar
k2 Calibration window:	12/05/2023 09:12	12/08/2023 22:52
Data subset:	ALL	
Vrs drift rate:	0.03529	mV/day
Vk drift rate:	3.78651	mV/day
Avg std Vk	105.56533	uVolts
Average k2:	-1.0474e-03	V/degC
Std dev k2:	4.0996e-06	V/degC
k2 f(P) c0	-1.0513e-03	
k2 f(P) c1	1.8522e-08	
k2 f(P) c2	-9.7001e-12	
k0 HCL:	-1.3977	Volts
Avg Ik:	10.56	nano amps
Std dev Ik:	2.83	nano amps
Avg Ib:	-2.35	nano amps
Std dev Ib:	2.04	nano amps
f(P) NSSR:	1.4774e-08	
f(P) R*R:	0.9958	
f(P) c0	-1.3980e+00	
f(P) c1	1.5892e-05	
f(P) c2	-2.8827e-08	
f(P) c3	2.7979e-11	
f(P) c4	-1.4991e-14	
f(P) c5	4.1868e-18	
f(P) c6	-4.7037e-22	

Building Report....

poly order 6

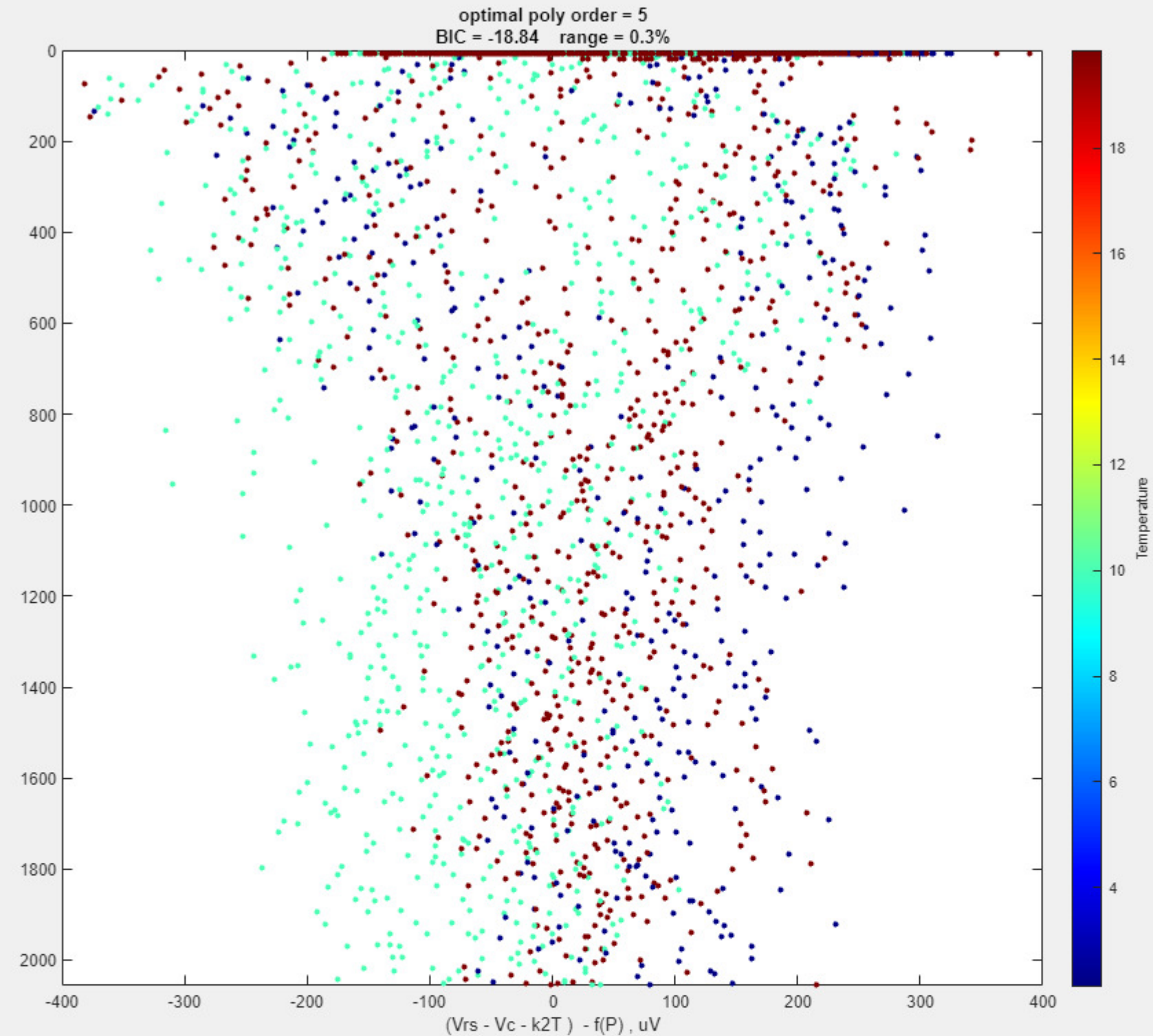
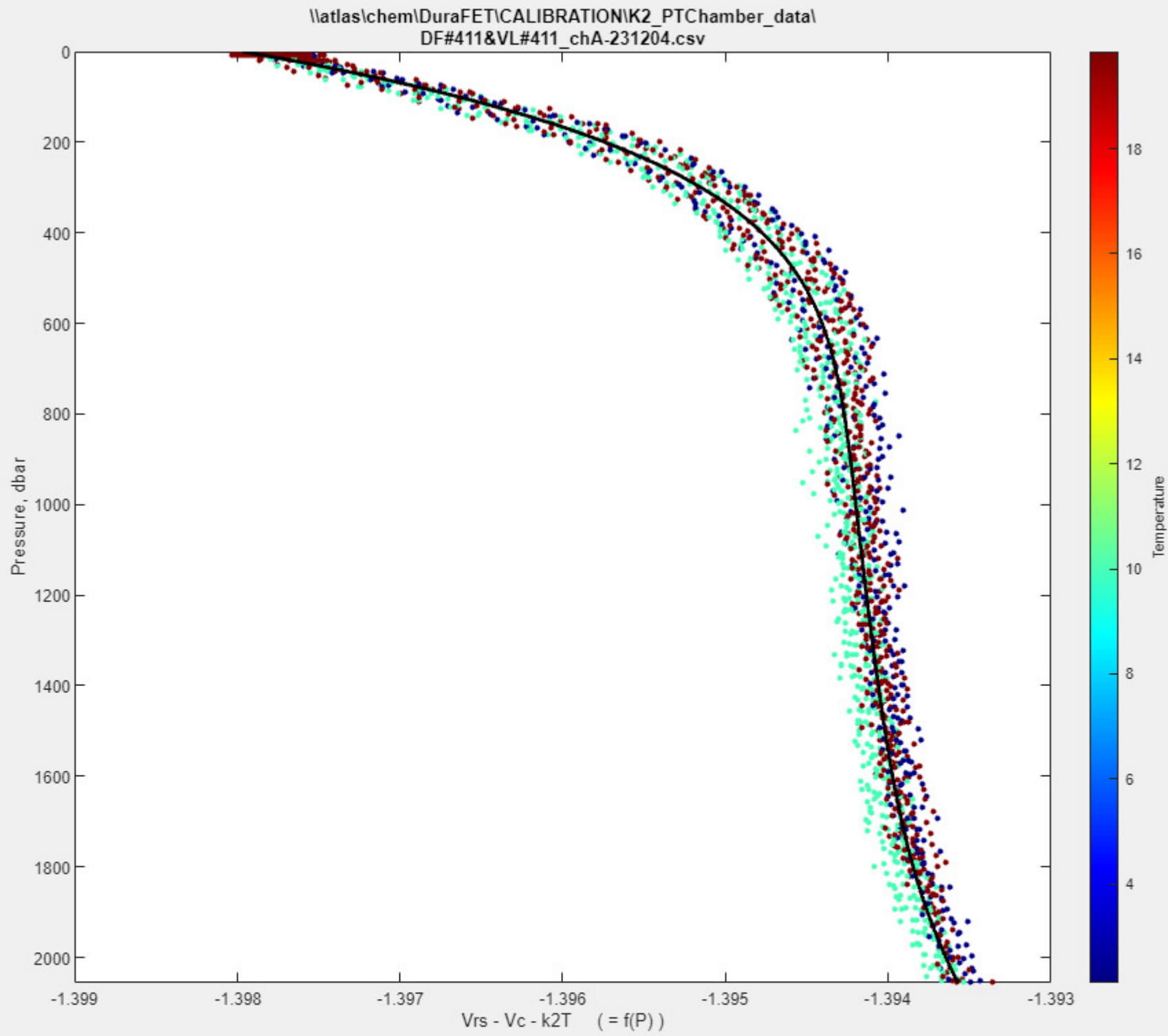
Color Axis

☒ Temperature

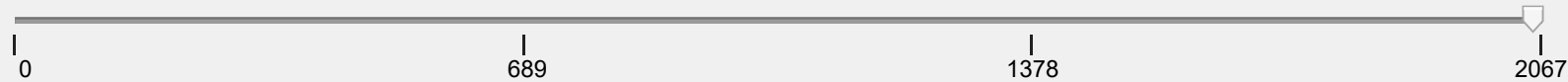
☐ Time

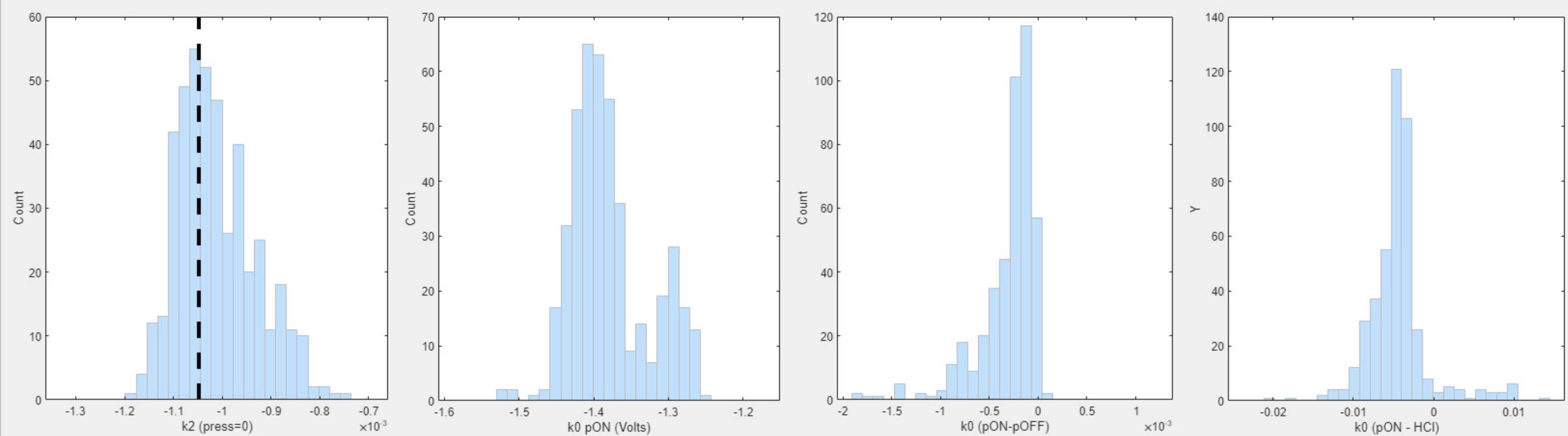
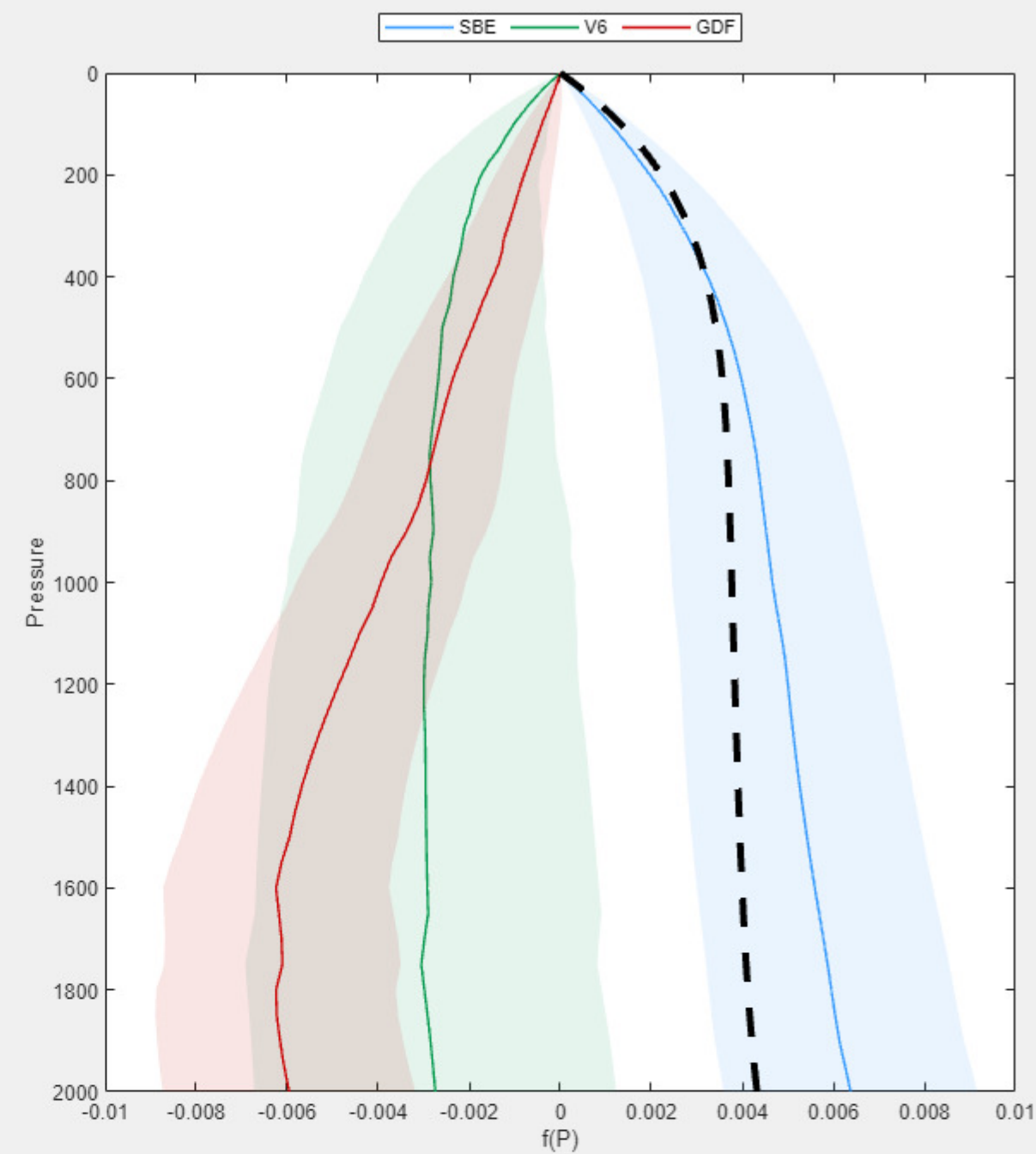
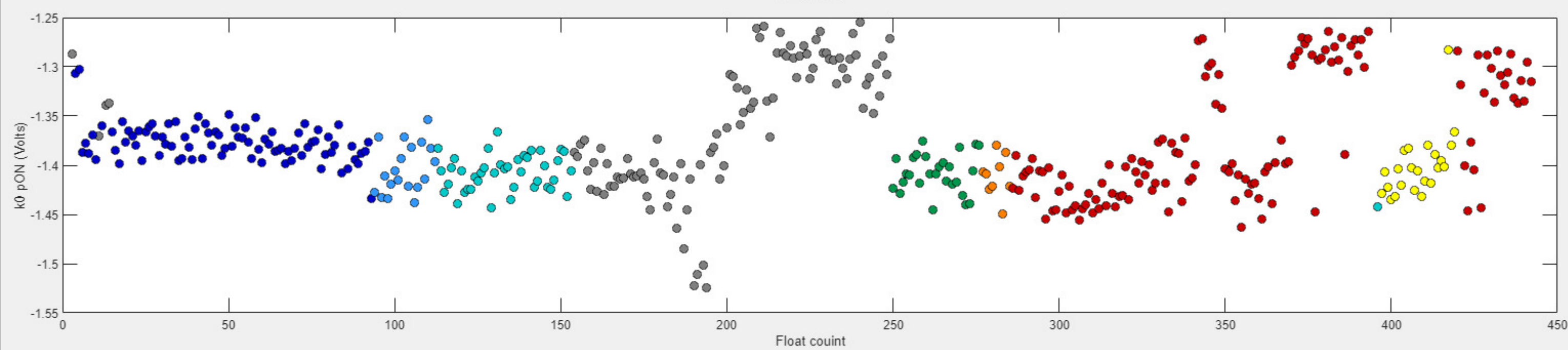
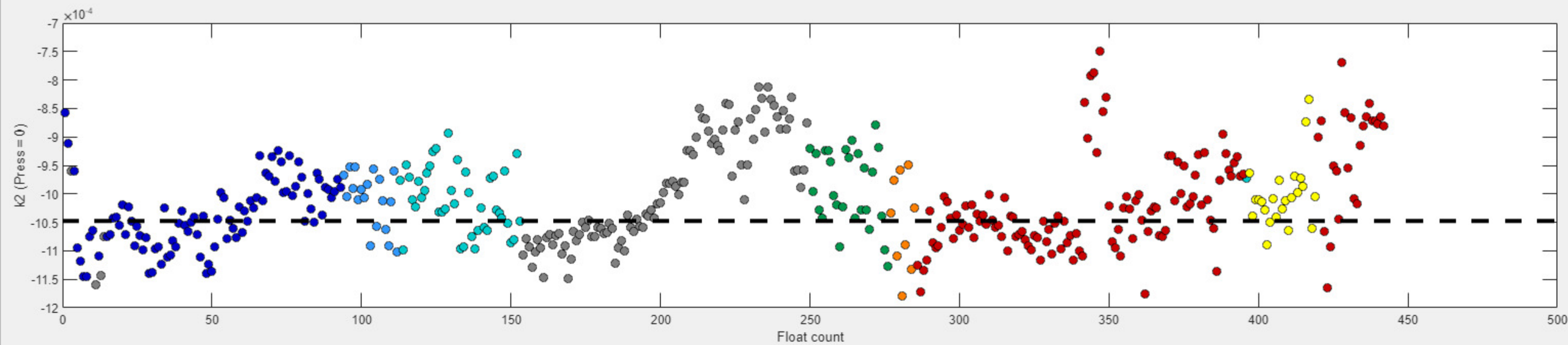
☐ Vk

☐ Direction



Y axis surface zoom





CALIBRATION SUMMARY
Serial Number: 411
Sensor type: DF
PT source file: DF#411&VL#411_chA-231204.csv
Data subset: all
Average k_2 : $-1.04744\text{e-}03$