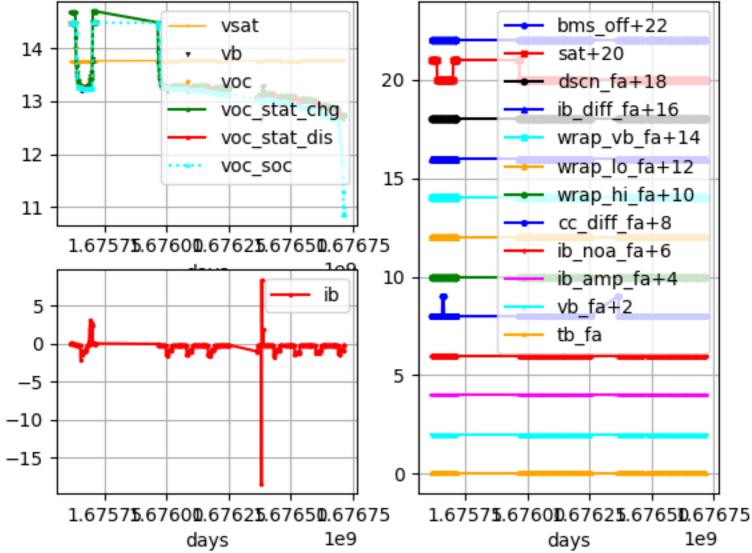
faults eFault-CompareFault.py 2023-02-18T05-16-46 f1 1.0 18 ib SOC soc_ekf 16 0.5 10 14 0.0 0.0 0.0 0.5 0.0 0.5 1.0 tweak sclr amp falw tweak sclr noa 10 **b**.5 soc ekf -5 0 0.0 0.5 0.0 0.5 0.0 0.5 dv hys νb e_wrap dy hys rescaled wrap vb fa 14 voc dy hys required wrap lo fa-1 voc_stat_chg wrap hi fa+1 voc stat dis e wrap dy hys remodel dv hys redesign chg 0.0 0.5 0.0 0.5 lo#a6y/s1.676e9 lo#a6y/s1.676e9 dv hys redesign dis 3

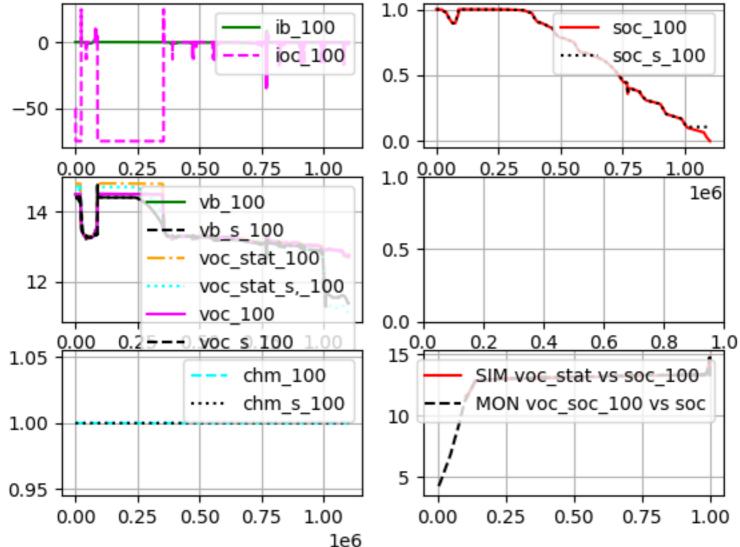
faults
npareFault-CompareFault.py 2023-02-18T05-16-46 f2



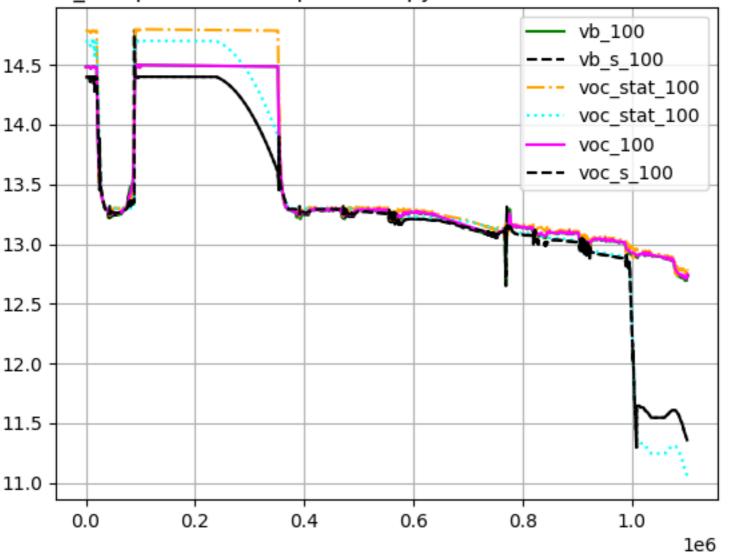
faults npareFault-CompareFault.py 2023-02-18T05-16-46 f3 2.0 012 1.5 dv hys 0.010 1.0 dv_hys_rescaled dv hys required 0.5 **0.008** -e wrap 0.0 dy hys redesign chg res redesign chg Ф.006 dv hys redesign dis res redesign dis -0.51.67575.67600.67625.67650.67675 1.67575.6760D.67625.6765D.67675 10 0.00010 0.00005 0 0.00000 ib -10soc*10 -0.00005 ioc redesign dv dot redesign 0.000101.67575.67600.67625.67650.67675 1.67575.6760D.67625.6765D.67675 days 1e9 days 1e9

eFault-CompareFault.py 2023-02-18T05-16-46 f4 10 νb ib sat+2 14 ib_diff 0 ib diff thr -1013 .0 0.0 0.5 0.0 0.5 wrap_hi_flt+4 voc stat e wrap filt 14 ewhi thr vsat wrap lo flt+4 0 ewlo thr voc soc+0.1wrap hi fa+2 12 voc+0.1wrap lo fa+2 wrap_vb_fa+2 0.0 0.0 0.5 cc.diff fa 0.5 0.01 1e6+1.676e9 cc_diff ib_diff_flt+2 cc diff thr ib diff fa+2 0.00 1 vb_flt vb fa tb flt 0 --0.01ੀ fa 0.0 1e6+1.676e9 1e6+1.676e9

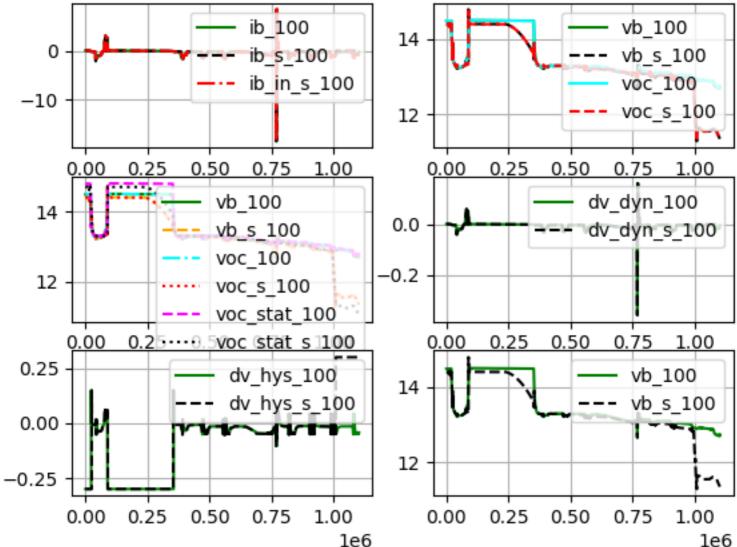
npareFault-CompareFault.py 2023-02-18T05-16-46 B 1



hist_CompareFault-CompareFault.py 2023-02-18T05-16-46 B 2



ault-CompareFault.py 2023-02-18T05-16-46 B 4 MON vs SIM



ılt-CompareFault.py 2023-02-18T05-16-46 B 5 **EKF 1.0 1 14 y ekf 100 0.5 hx ekf 100 y filt_100 0 y filt2_100 x ekf 100 z ekf 100 13 0.0 0.0 0.5 0.5 1.0 1.0 0.0 0.5 1.0 150 T]05 Fx ekf 100 100 0.01 1,00 50 H ekf 100 P ekf 100 0195 000 0 0.5 1.0 0.0 0.5 0.0 0.5 1.0 0.0 1.0 1e6 Bu ekf_100 0.00017 0.02 K ekf 100 0.00016 000 0.0 0.5 1.0 0.0 0.5 1.0 1e6 1e6

