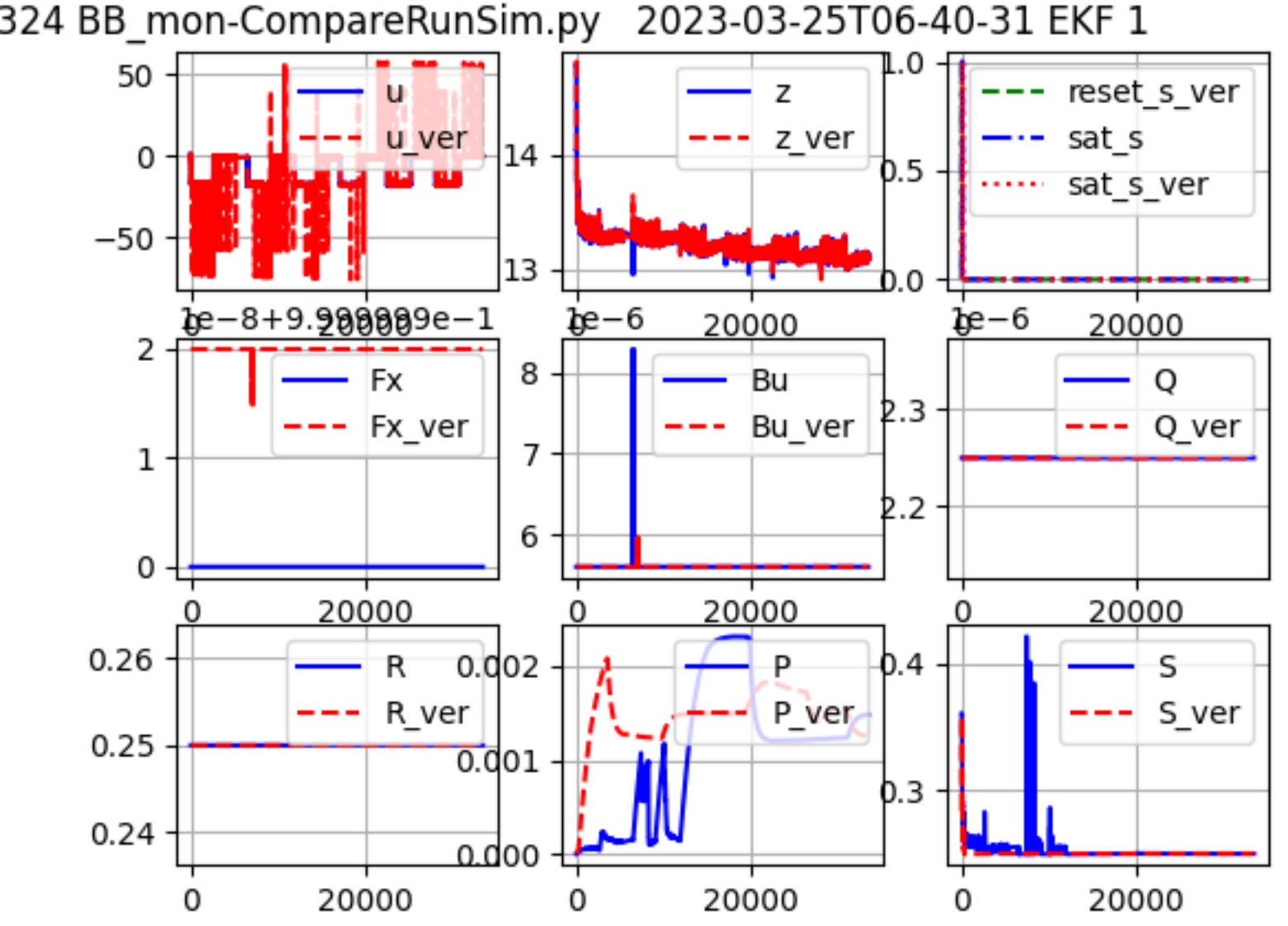
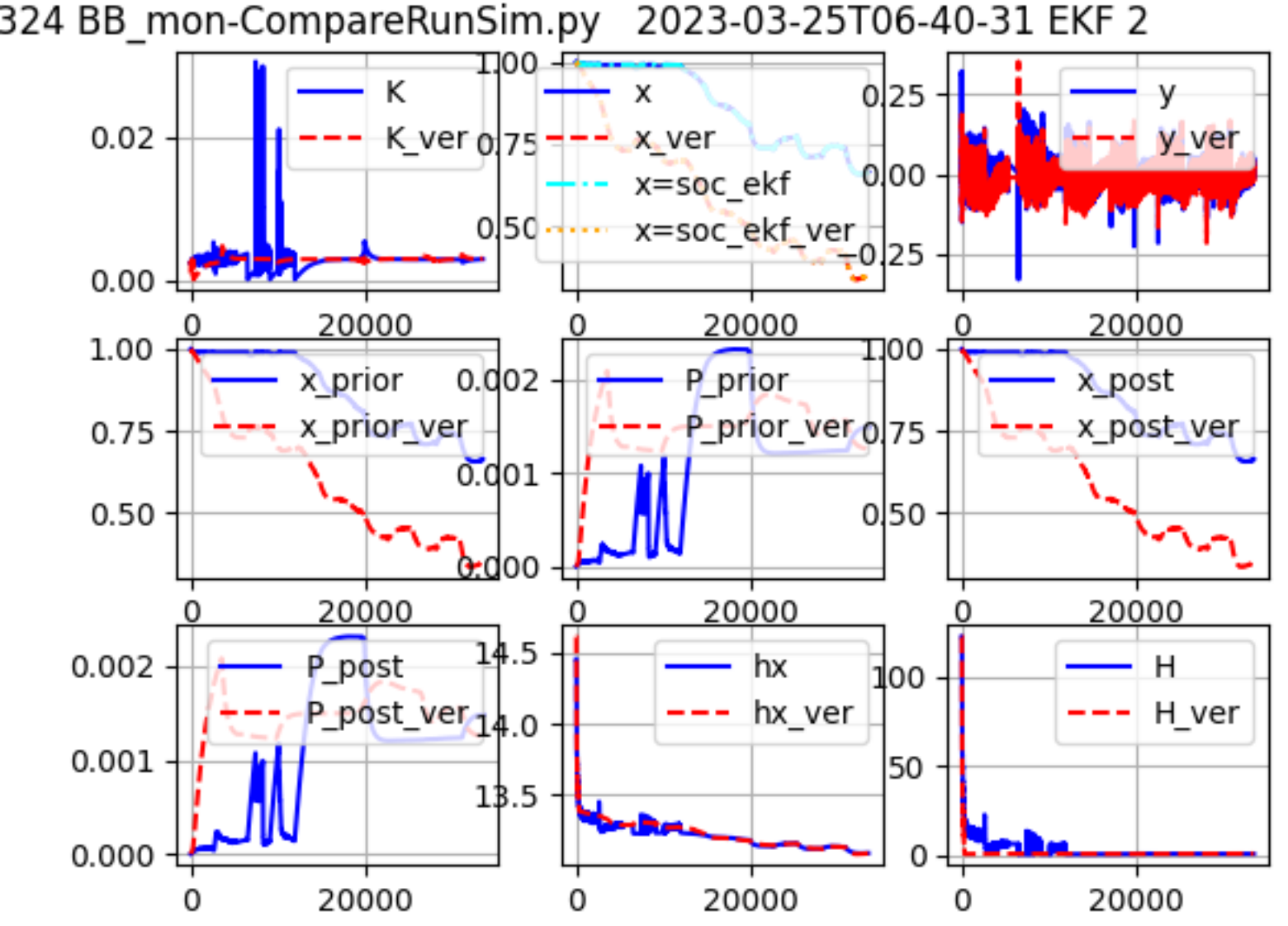
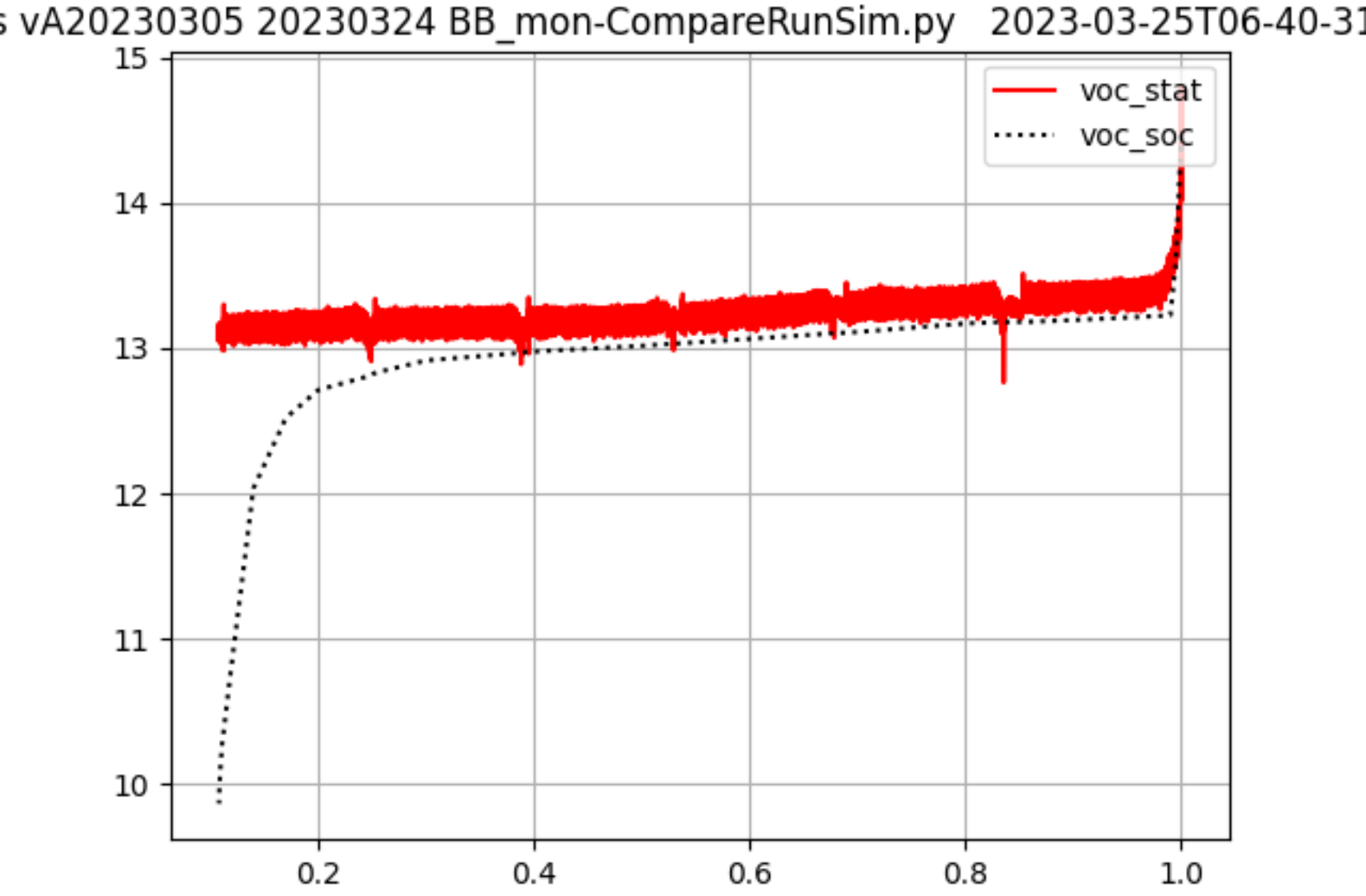
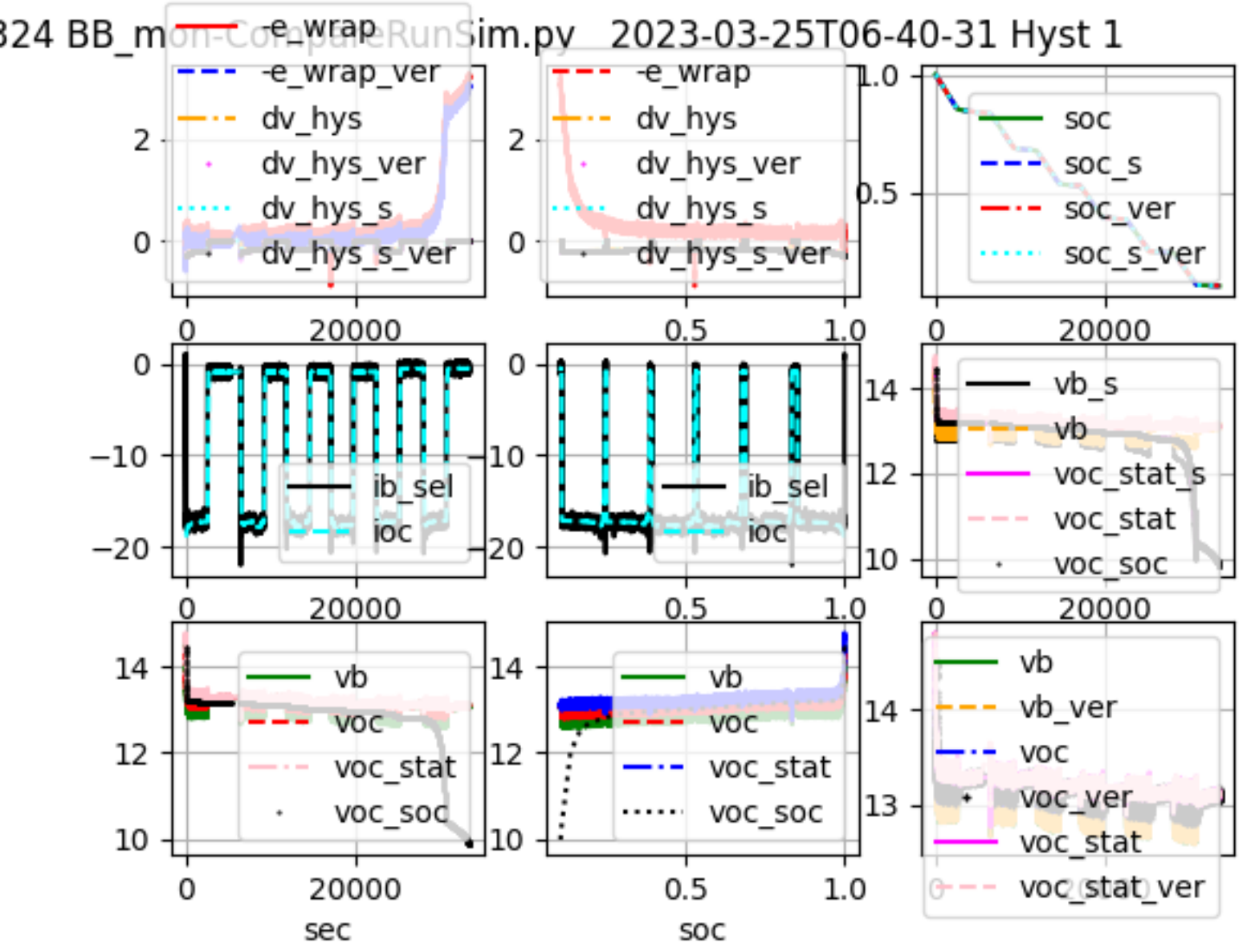
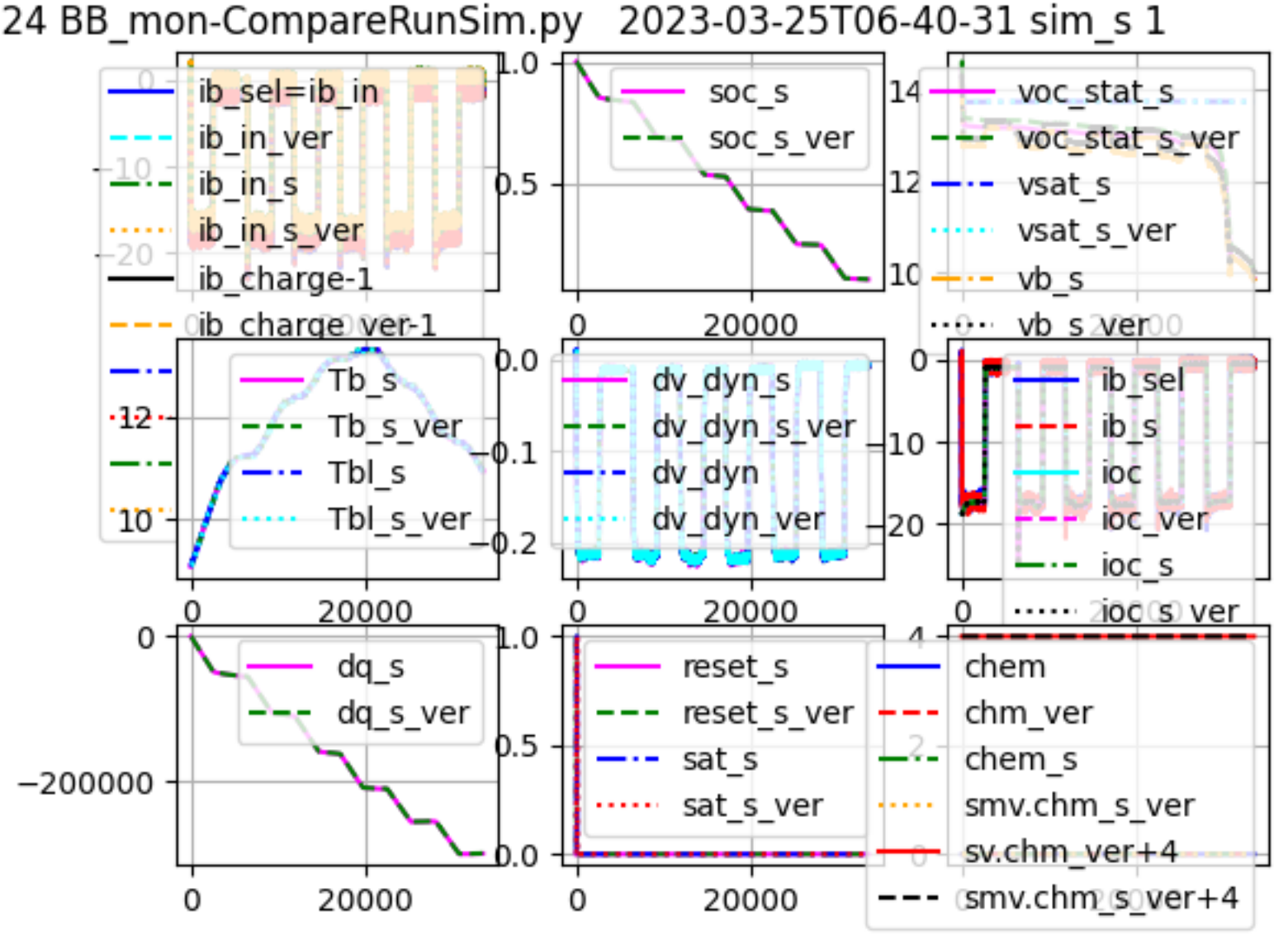
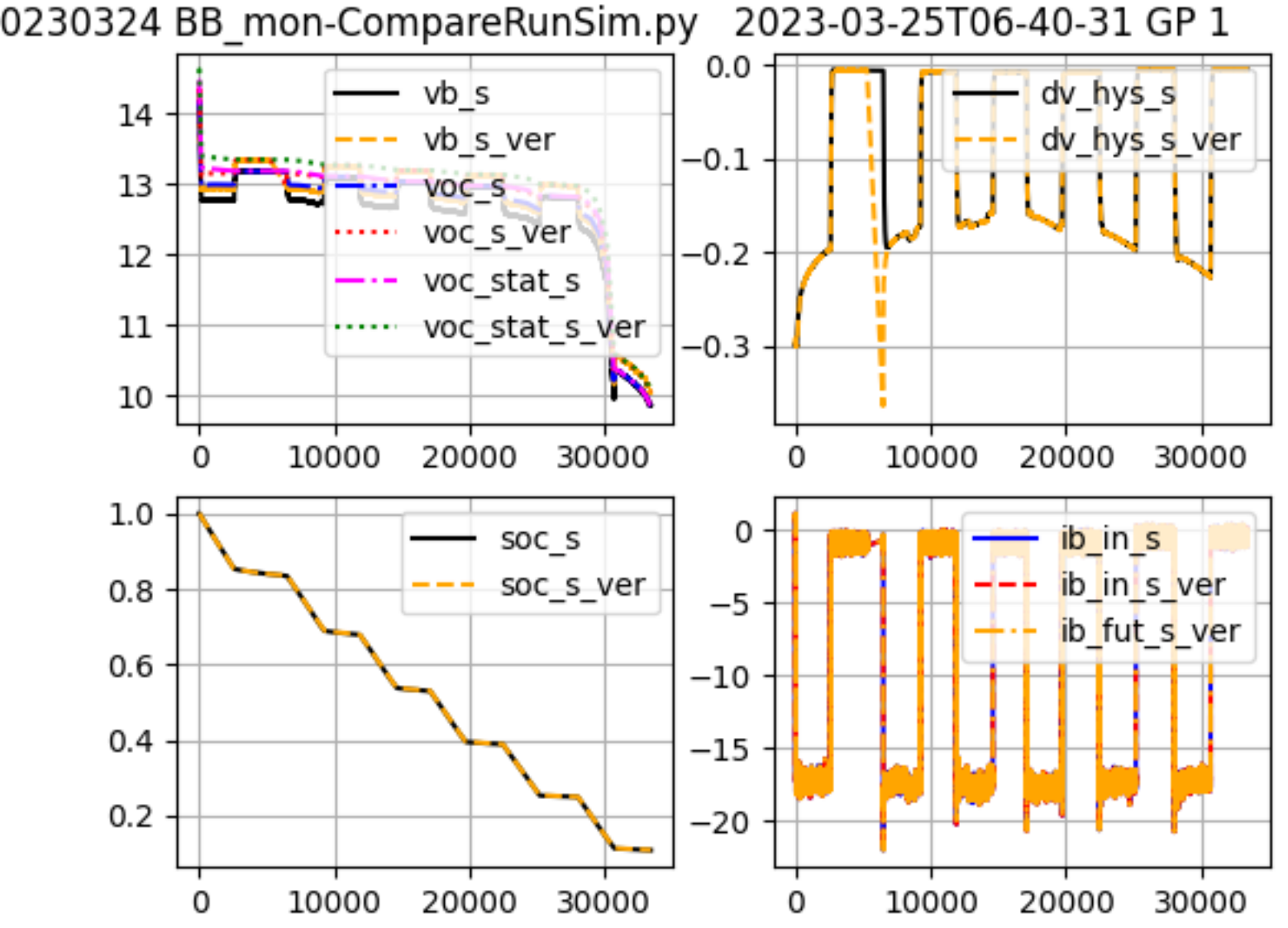

324 BB_mon-CompareRunSim.py 2023-03-25T06-40-31 EKF 1
u
u_ver
z
z_ver
reset_s_ver
sat_s
sat_s_ver
Fx
Fx_ver
Bu
Bu_ver
Q
Q_ver
R
R_ver
P
P_ver
S
S_ver
1e−8+9.999999e−1
1e−6
1e−6

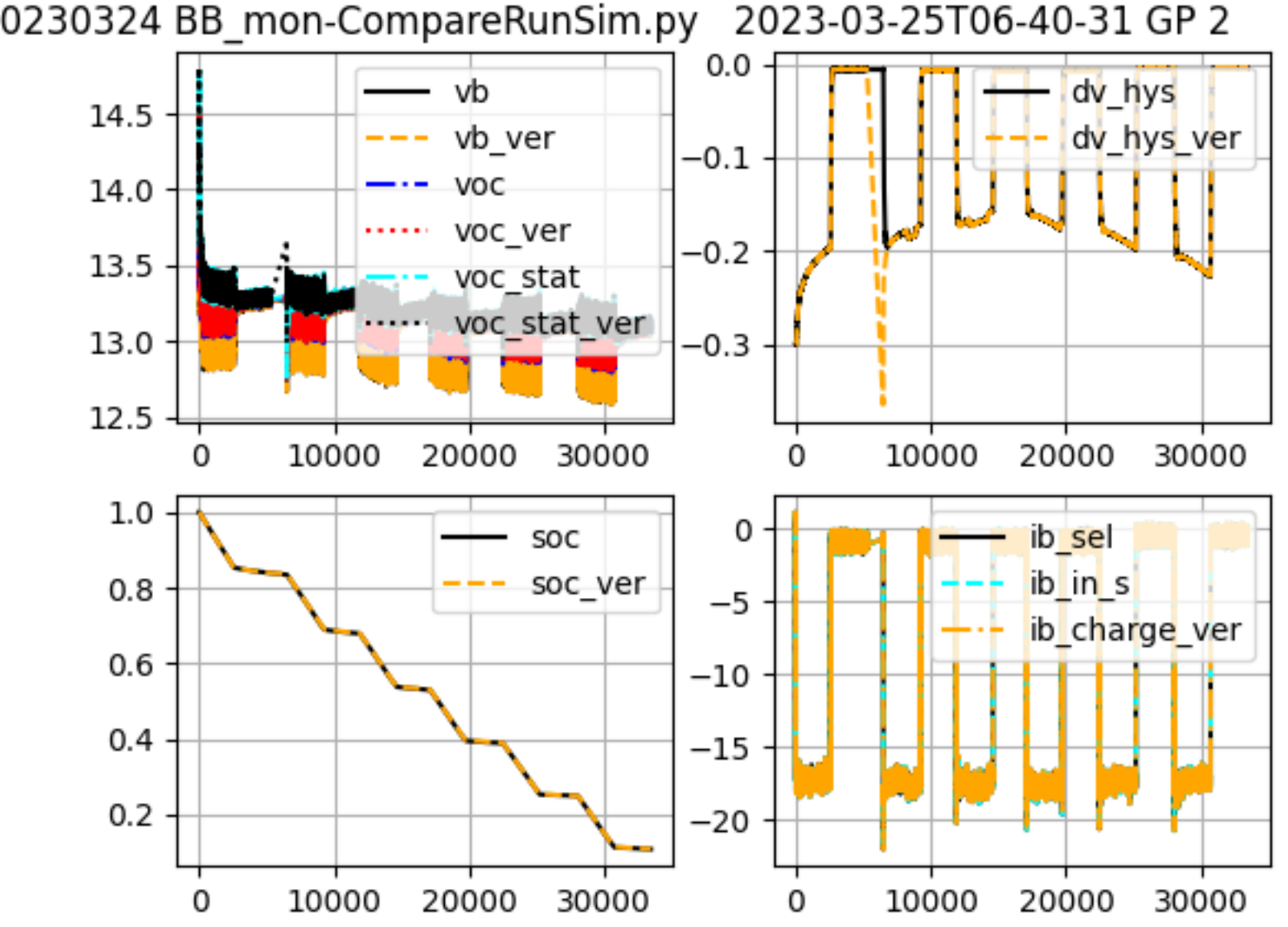

324 BB_mon-CompareRunSim.py 2023-03-25T06-40-31 EKF 2
K
K_ver
x
x_ver
x=soc_ekf
x=soc_ekf_ver
y
y_ver
x_prior
x_prior_ver
P_prior
P_prior_ver
x_post
x_post_ver
P_post
P_post_ver
hx
hx_ver
H
H_ver
0
20000

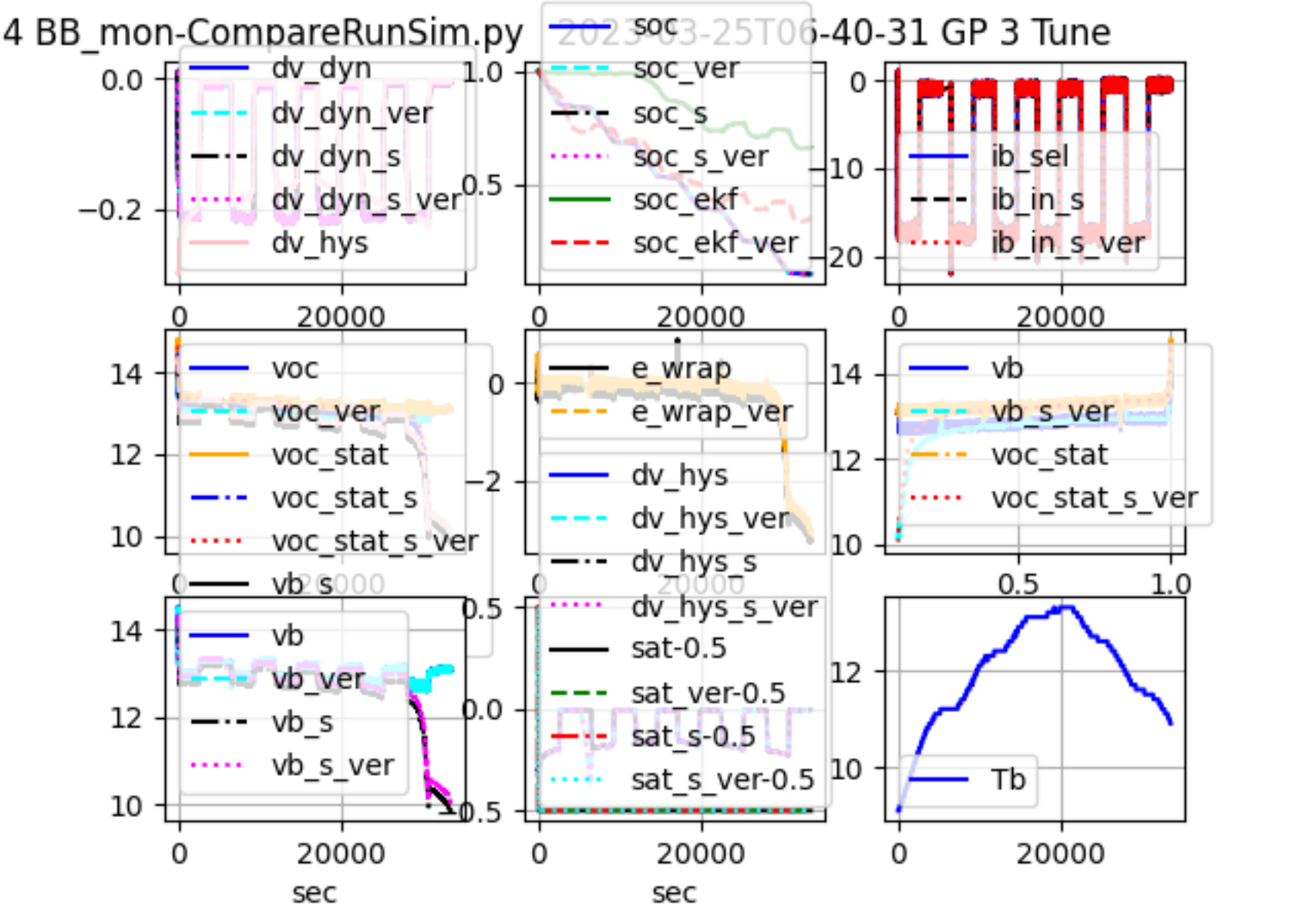

s vA20230305 20230324 BB_mon-CompareRunSim.py 2023-03-25T06-40-31
voc_stat
voc_soc
15
14
13
12
11
10
0.2
0.4
0.6
0.8
1.0

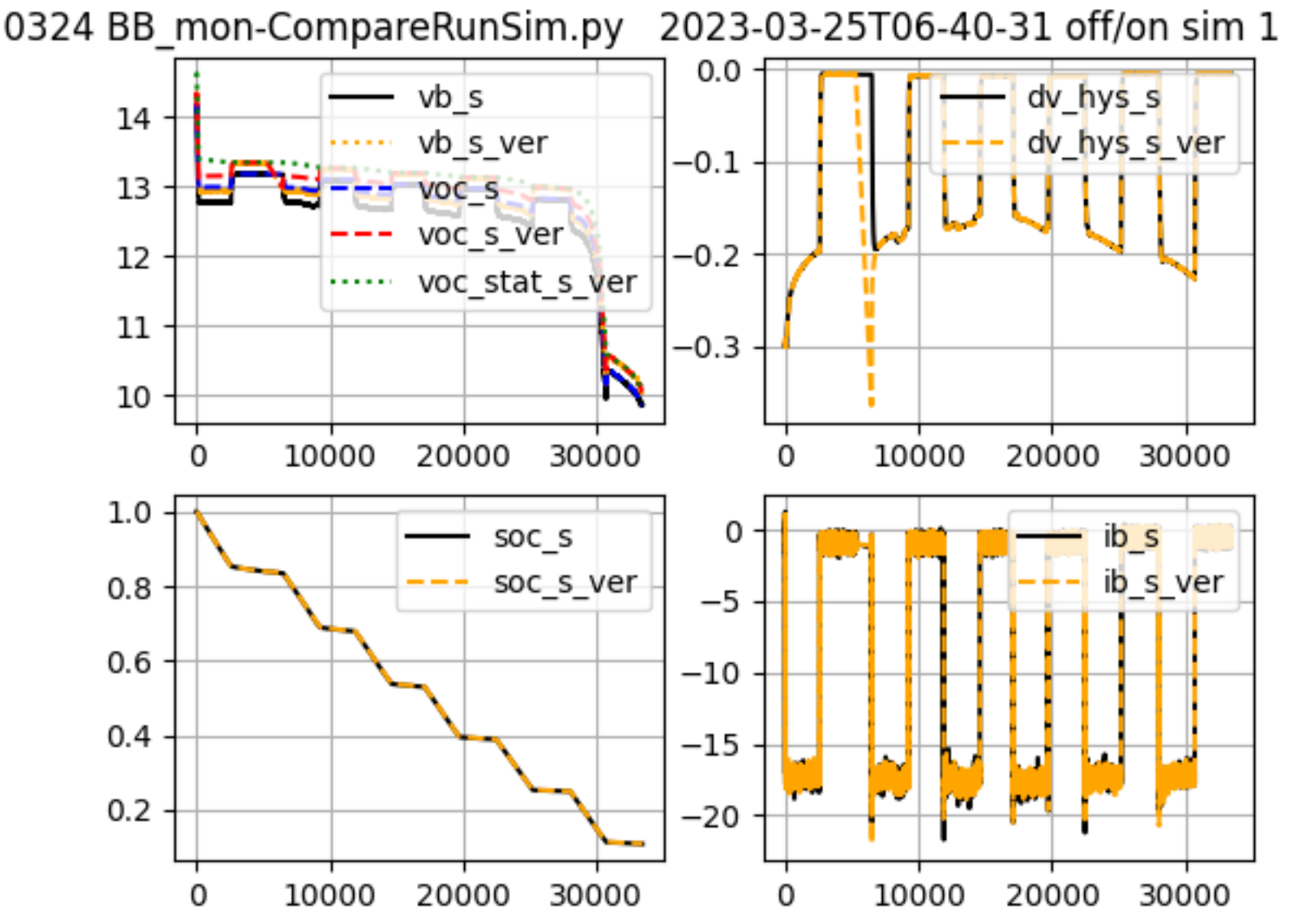

324 BB_m -e_wrap
-e_wrap_ver
dv_hys
dv_hys_ver
dv_hys_s
dv_hys_s_ver
soc
soc_s
soc_ver
soc_s_ver
ib_sel
ioc
vb_s
vb
voc_stat_s
voc_stat
voc_soc
vb
voc
voc_stat
voc_soc
vb
vb_ver
voc
voc_ver
voc_stat
voc_stat_ver
sec
soc


24 BB_mon-CompareRunSim.py 2023-03-25T06-40-31 sim_s 1
ib_sel=ib_in
ib_in_ver
ib_in_s
ib_in_s_ver
ib_charge-1
ib_charge_ver-1
soc_s
soc_s_ver
voc_stat_s
voc_stat_s_ver
vsat_s
vsat_s_ver
vb_s
vb_s_ver
Tb_s
Tb_s_ver
Tbl_s
Tbl_s_ver
dv_dyn_s
dv_dyn_s_ver
dv_dyn
dv_dyn_ver
ib_sel
ib_s
ioc
ioc_ver
ioc_s
ioc_s_ver
dq_s
dq_s_ver
reset_s
reset_s_ver
sat_s
sat_s_ver
chem
chm_ver
chem_s
smv.chm_s_ver
sv.chm_ver+4
smv.chm_s_ver+4


0230324 BB_mon-CompareRunSim.py 2023-03-25T06-40-31 GP 1
vb_s
vb_s_ver
voc_s
voc_s_ver
voc_stat_s
voc_stat_s_ver
dv_hys_s
dv_hys_s_ver
soc_s
soc_s_ver
ib_in_s
ib_in_s_ver
ib_fut_s_ver
0
10000
20000
30000


0230324 BB_mon-CompareRunSim.py 2023-03-25T06-40-31 GP 2
vb
vb_ver
voc
voc_ver
voc_stat
voc_stat_ver
dv_hys
dv_hys_ver
soc
soc_ver
ib_sel
ib_in_s
ib_charge_ver


4 BB_mon-CompareRunSim.py
-40-31 GP 3 Tune
dv_dyn
dv_dyn_ver
dv_dyn_s
dv_dyn_s_ver
dv_hys
soc
soc_ver
soc_s
soc_s_ver
soc_ekf
soc_ekf_ver
ib_sel
ib_in_s
ib_in_s_ver
voc
voc_ver
voc_stat
voc_stat_s
voc_stat_s_ver
vb_s
e_wrap
e_wrap_ver
dv_hys
dv_hys_ver
dv_hys_s
dv_hys_s_ver
vb
vb_s_ver
voc_stat
voc_stat_s_ver
vb
vb_ver
vb_s
vb_s_ver
sat-0.5
sat_ver-0.5
sat_s-0.5
sat_s_ver-0.5
Tb
sec
sec


0324 BB_mon-CompareRunSim.py 2023-03-25T06-40-31 off/on sim 1
vb_s
vb_s_ver
voc_s
voc_s_ver
voc_stat_s_ver
dv_hys_s
dv_hys_s_ver
soc_s
soc_s_ver
ib_s
ib_s_ver