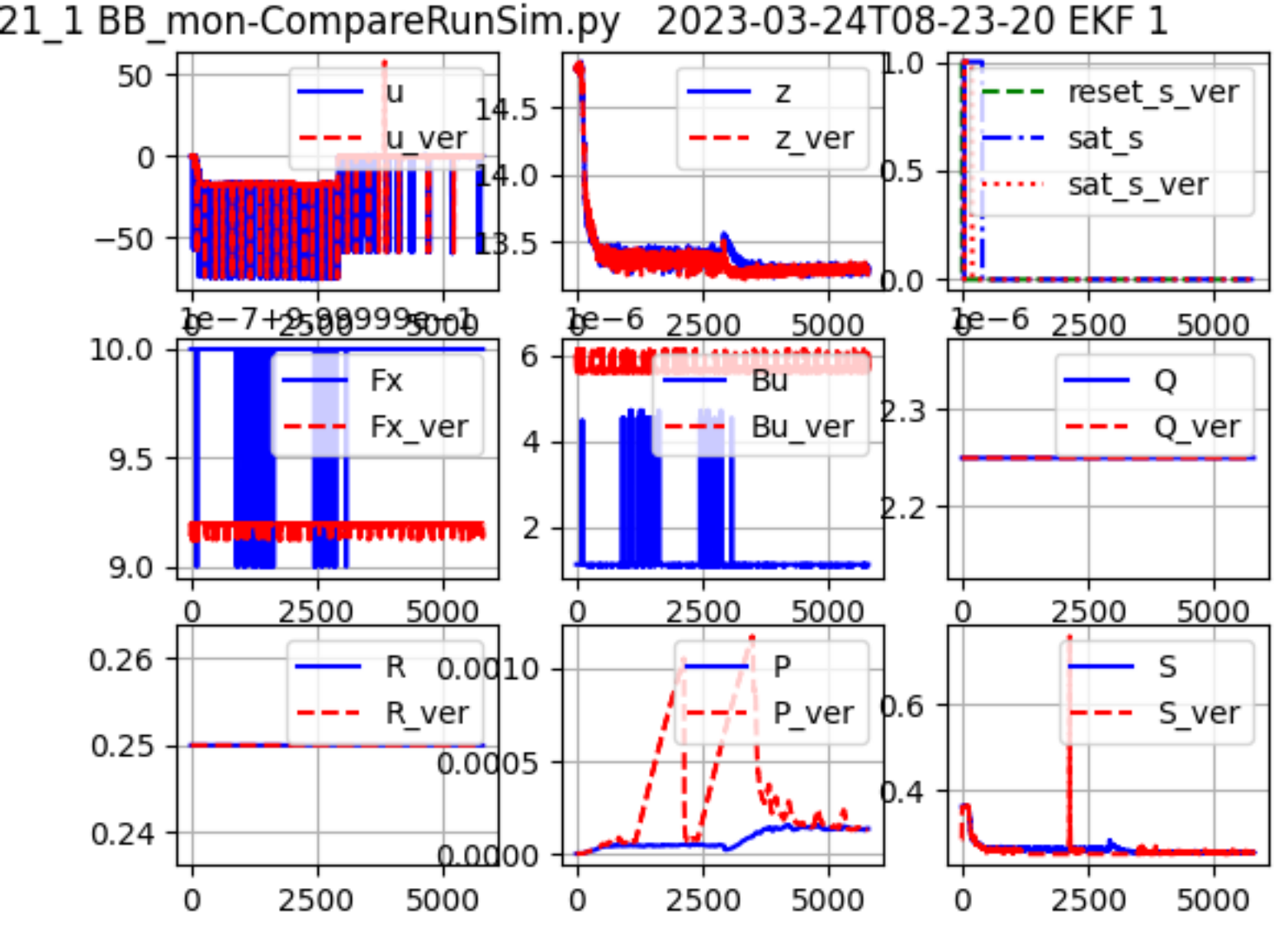
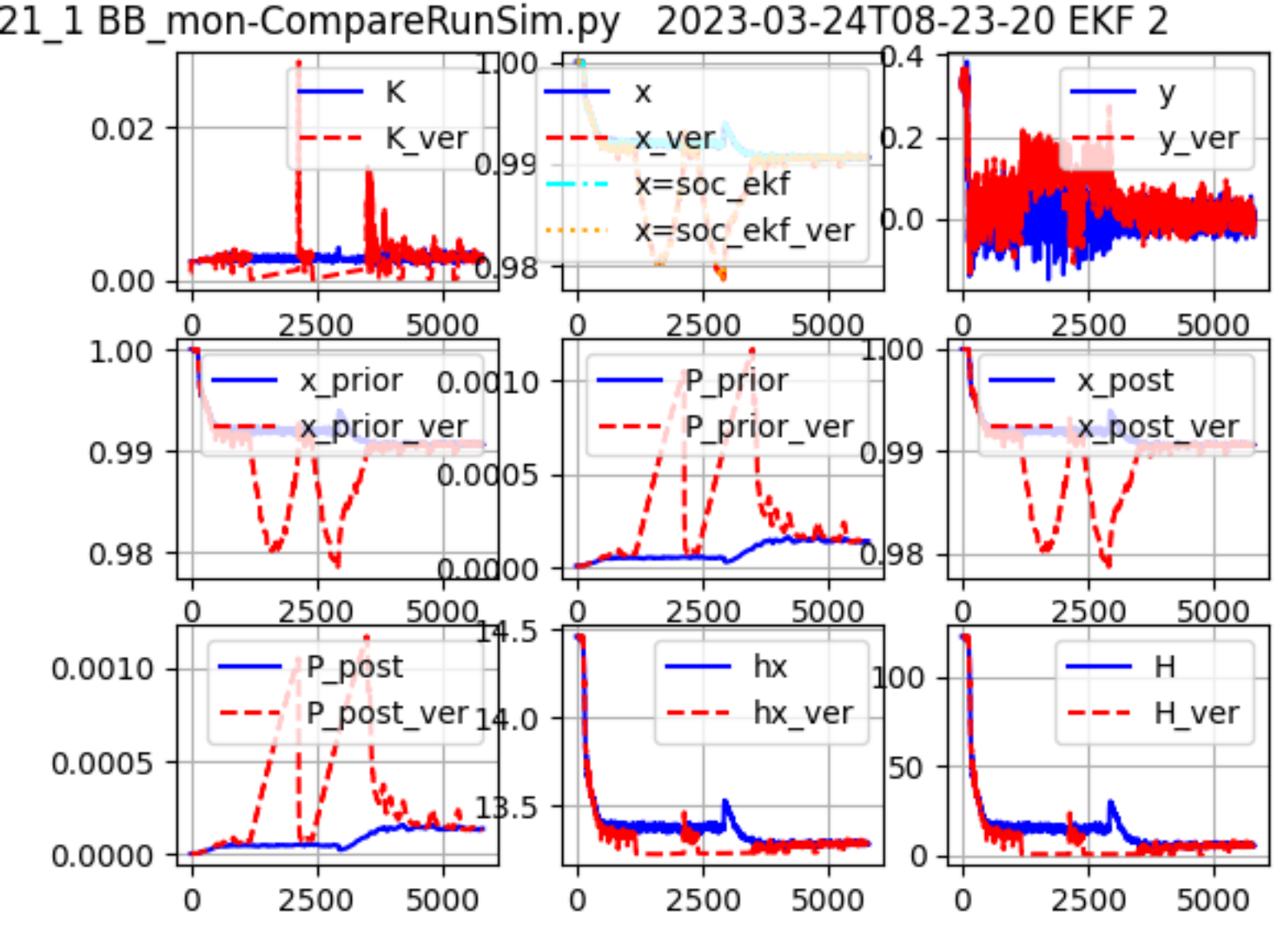
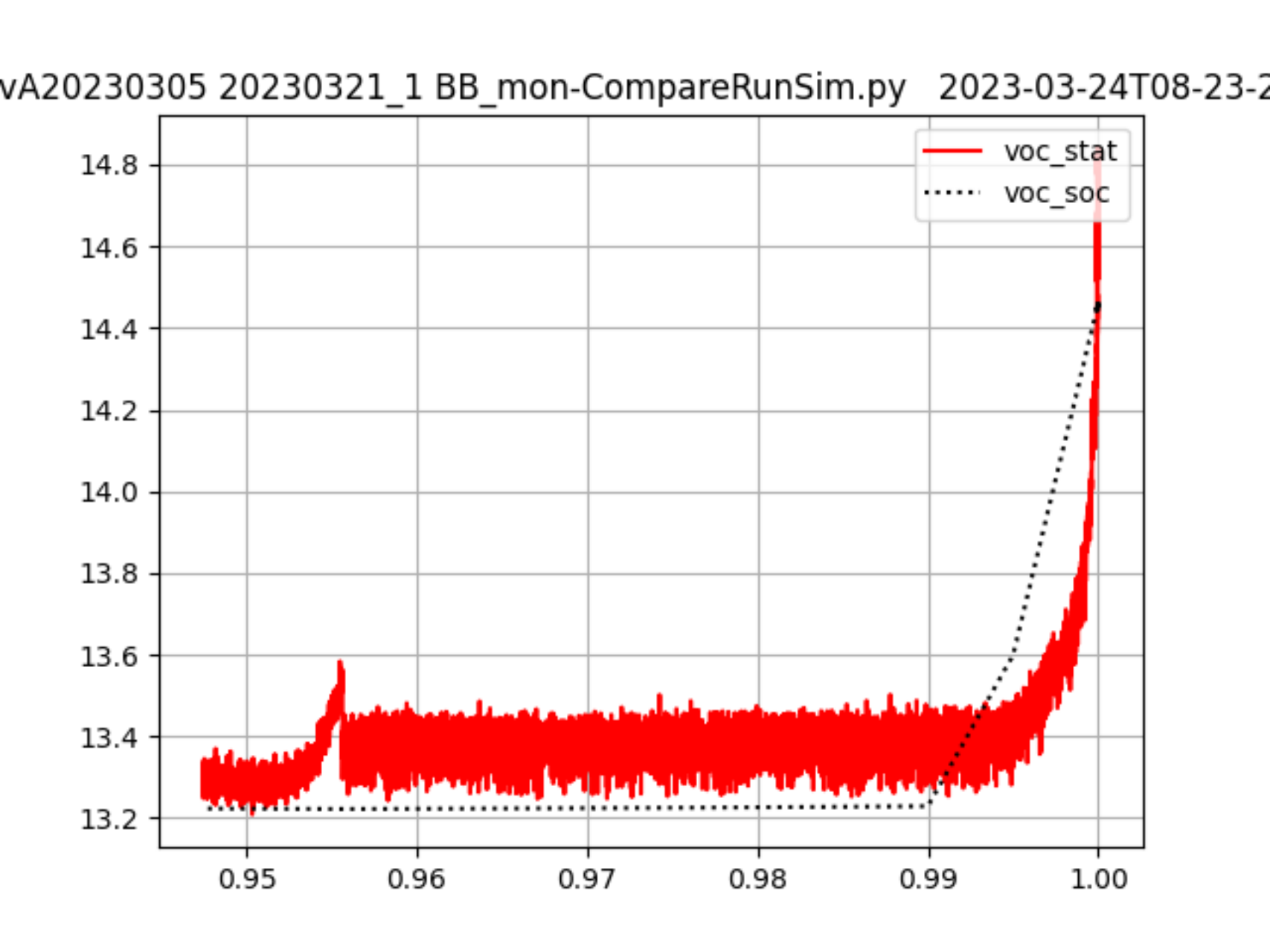
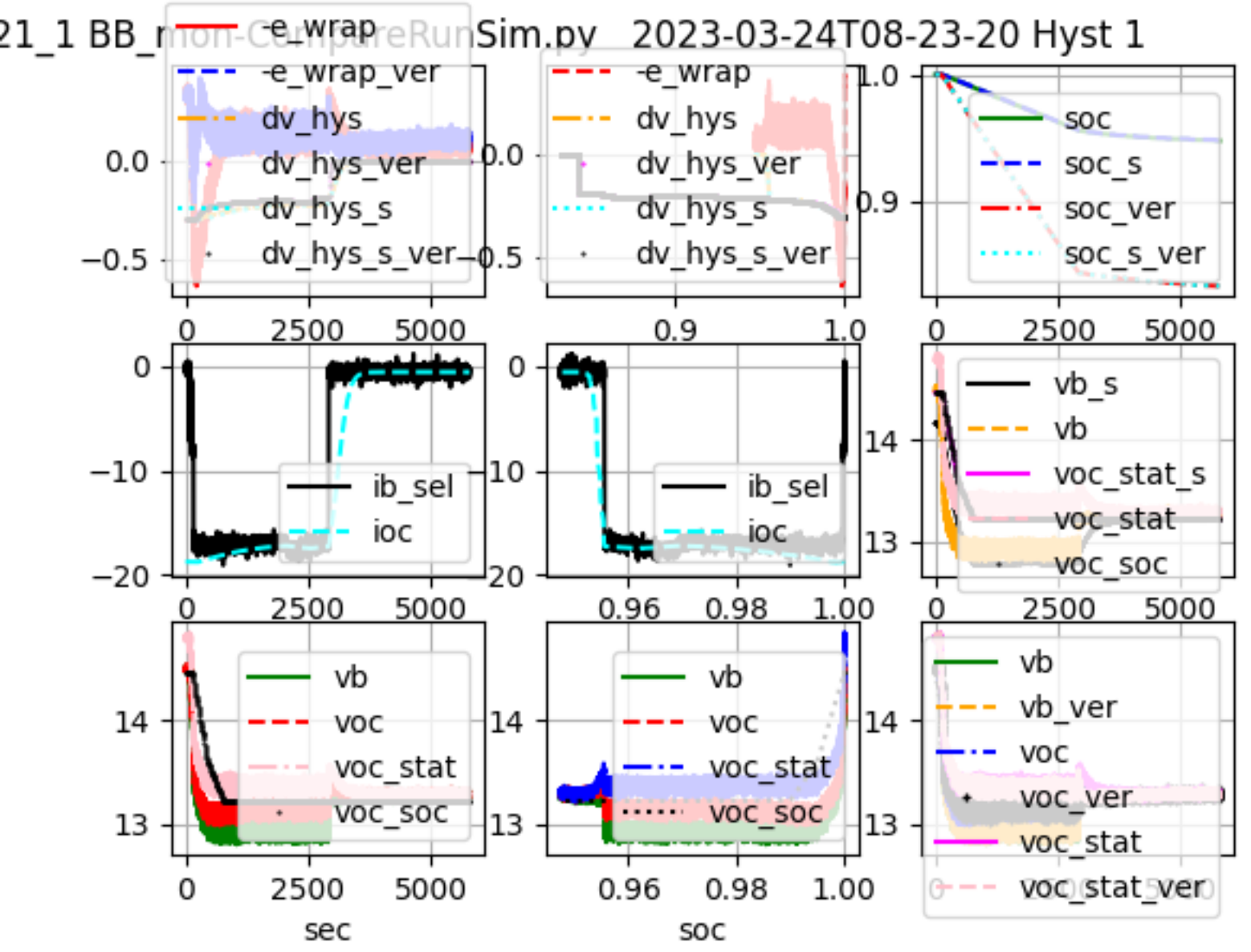
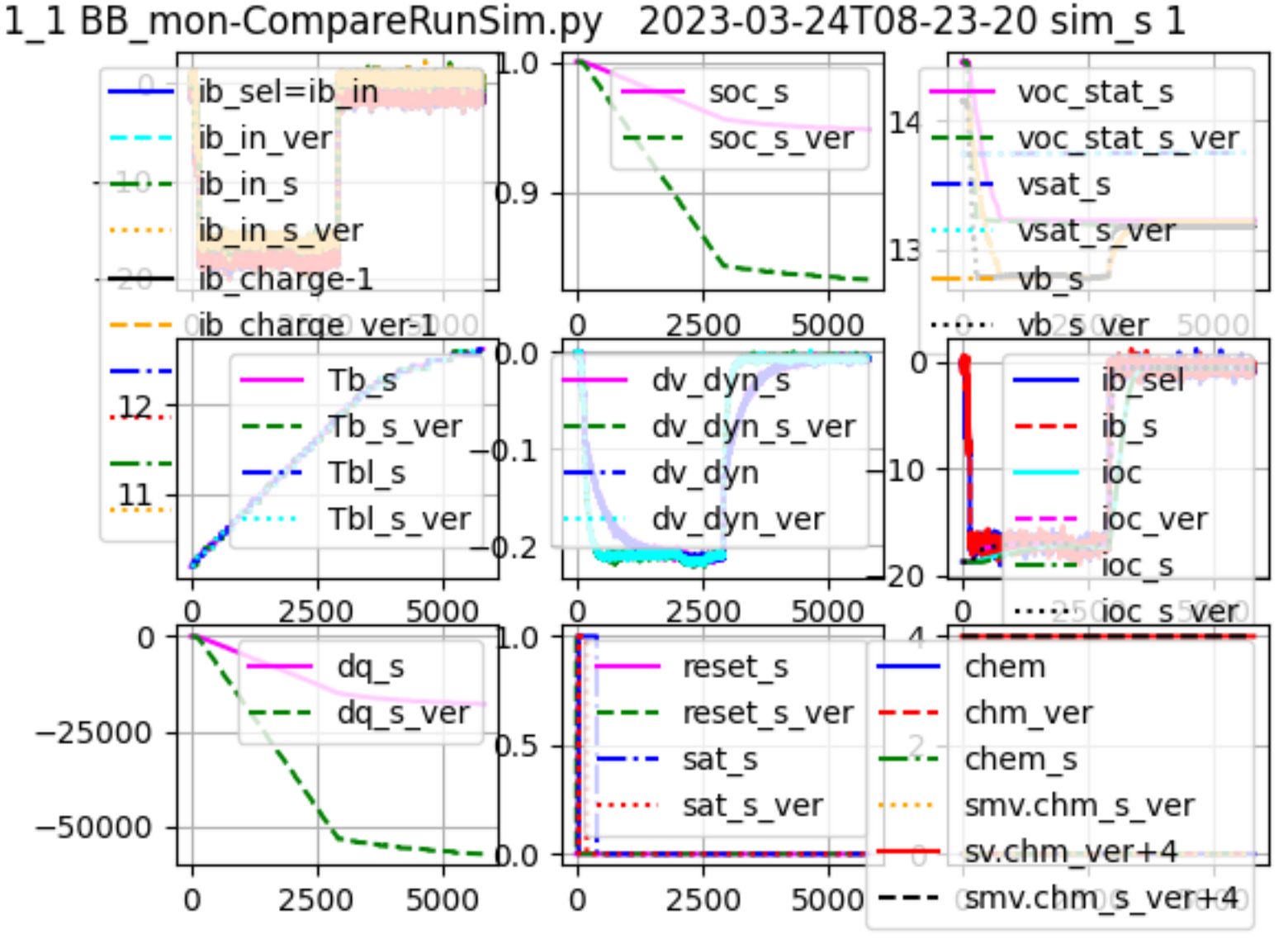
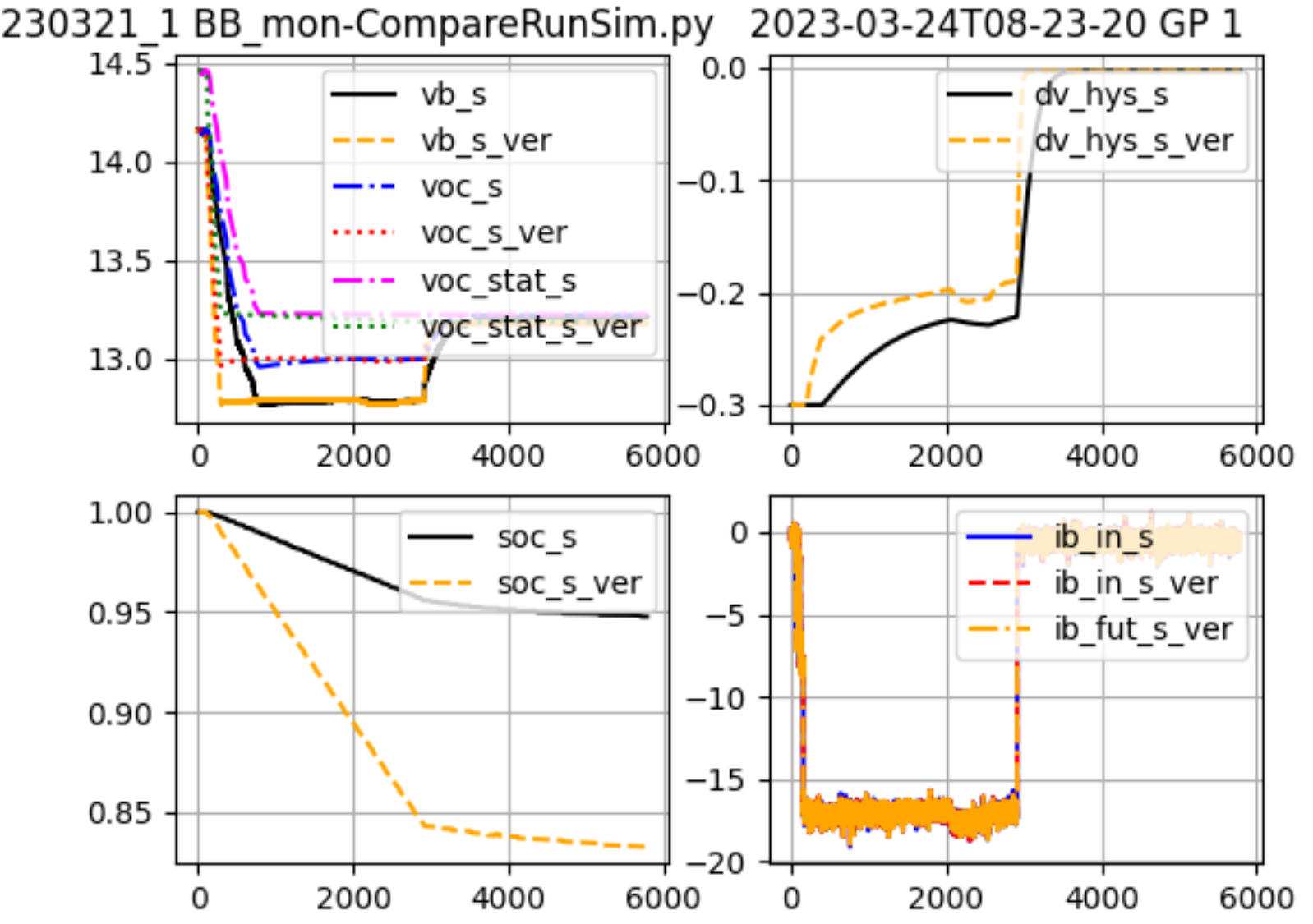

21_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-20 EKF 1
u
u_ver
z
z_ver
reset_s_ver
sat_s
sat_s_ver
1e−7 + 9.99999e−1
1e−6
1e−6
Fx
Fx_ver
Bu
Bu_ver
Q
Q_ver
R
R_ver
P
P_ver
S
S_ver

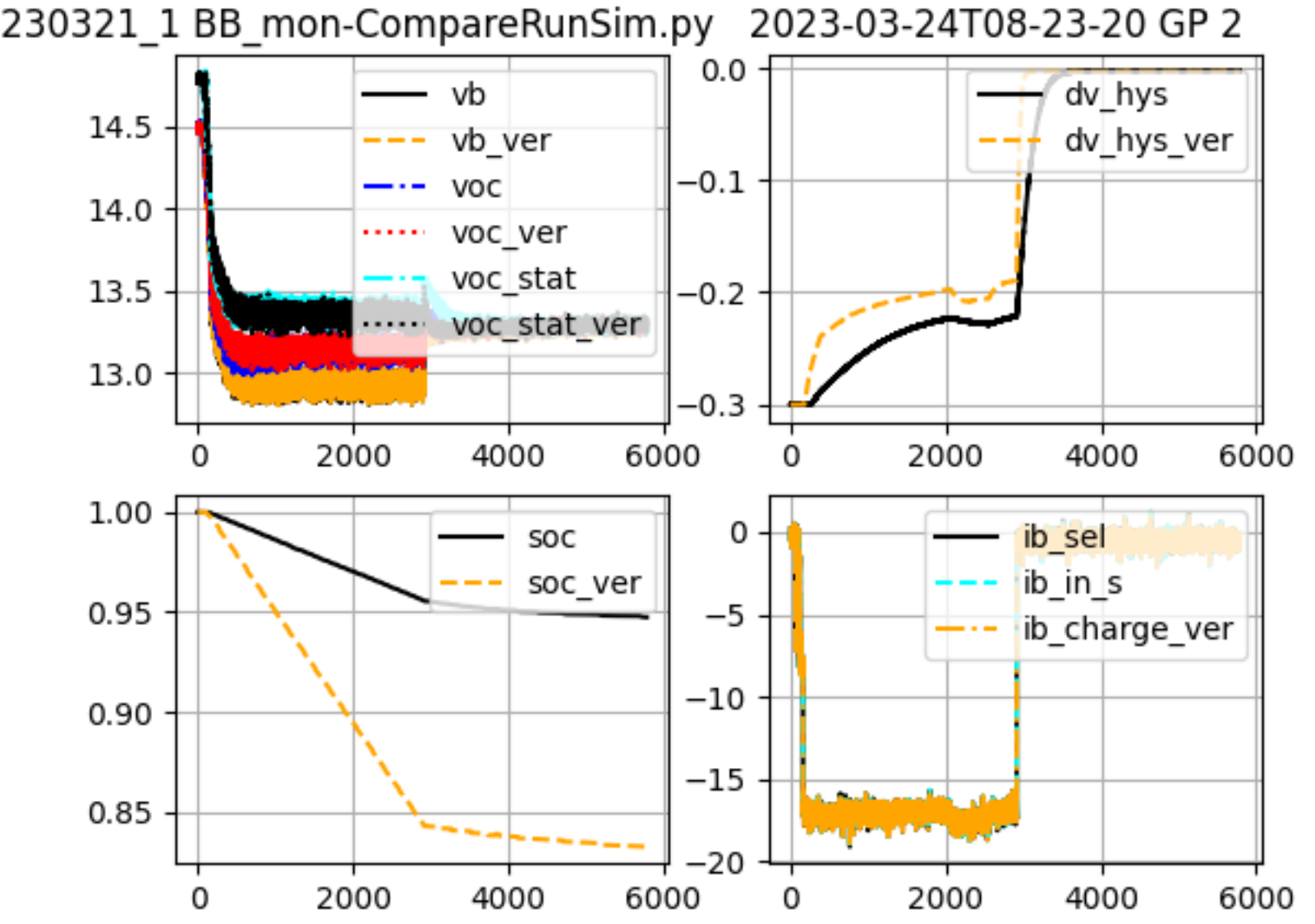

21_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-20 EKF 2
K
K_ver
x
x_ver
x=soc_ekf
x=soc_ekf_ver
y
y_ver
x_prior
x_prior_ver
P_prior
P_prior_ver
x_post
x_post_ver
P_post
P_post_ver
hx
hx_ver
H
H_ver

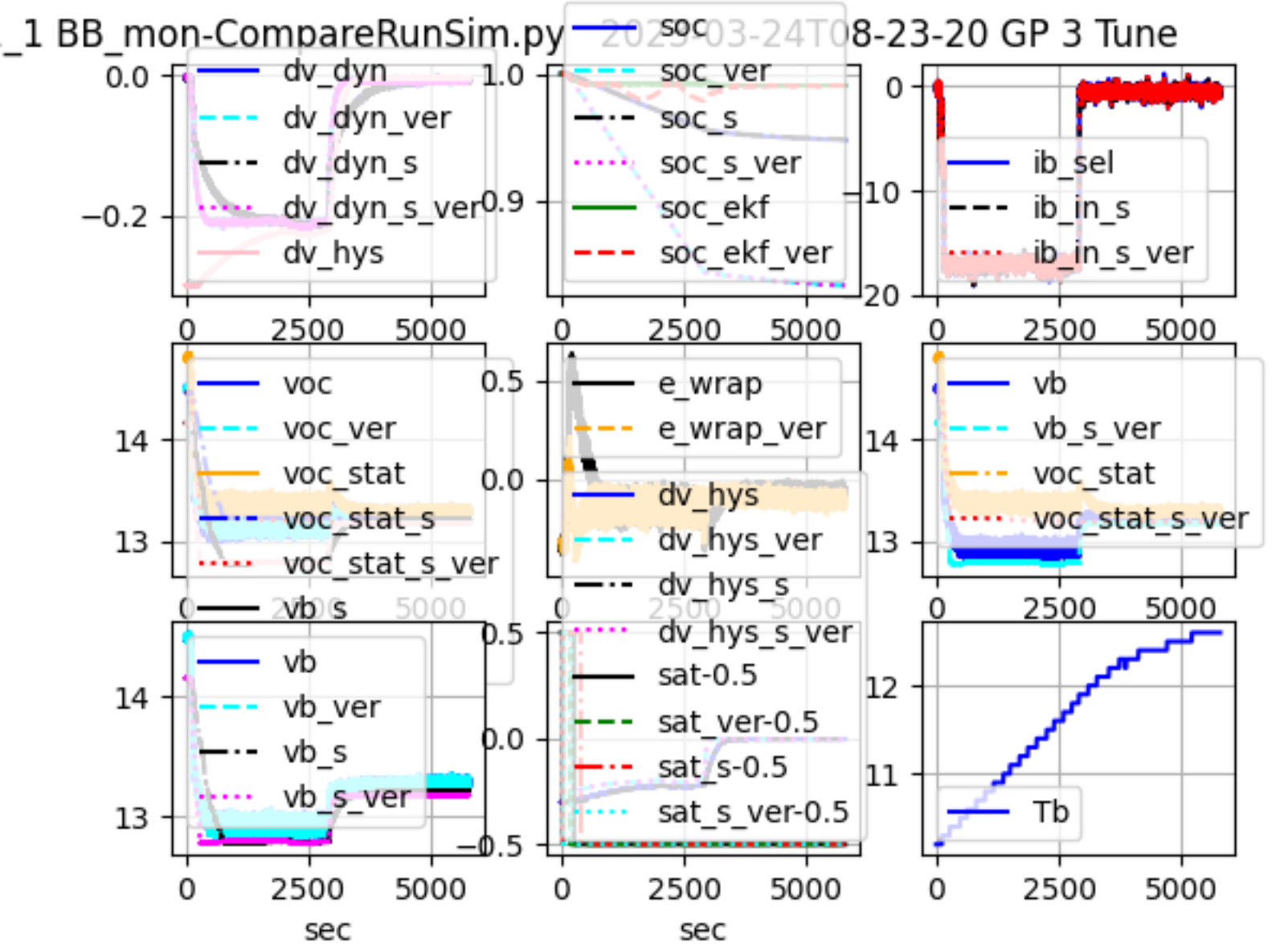

vA20230305 20230321_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-2
voc_stat
voc_soc
14.8
14.6
14.4
14.2
14.0
13.8
13.6
13.4
13.2
0.95
0.96
0.97
0.98
0.99
1.00

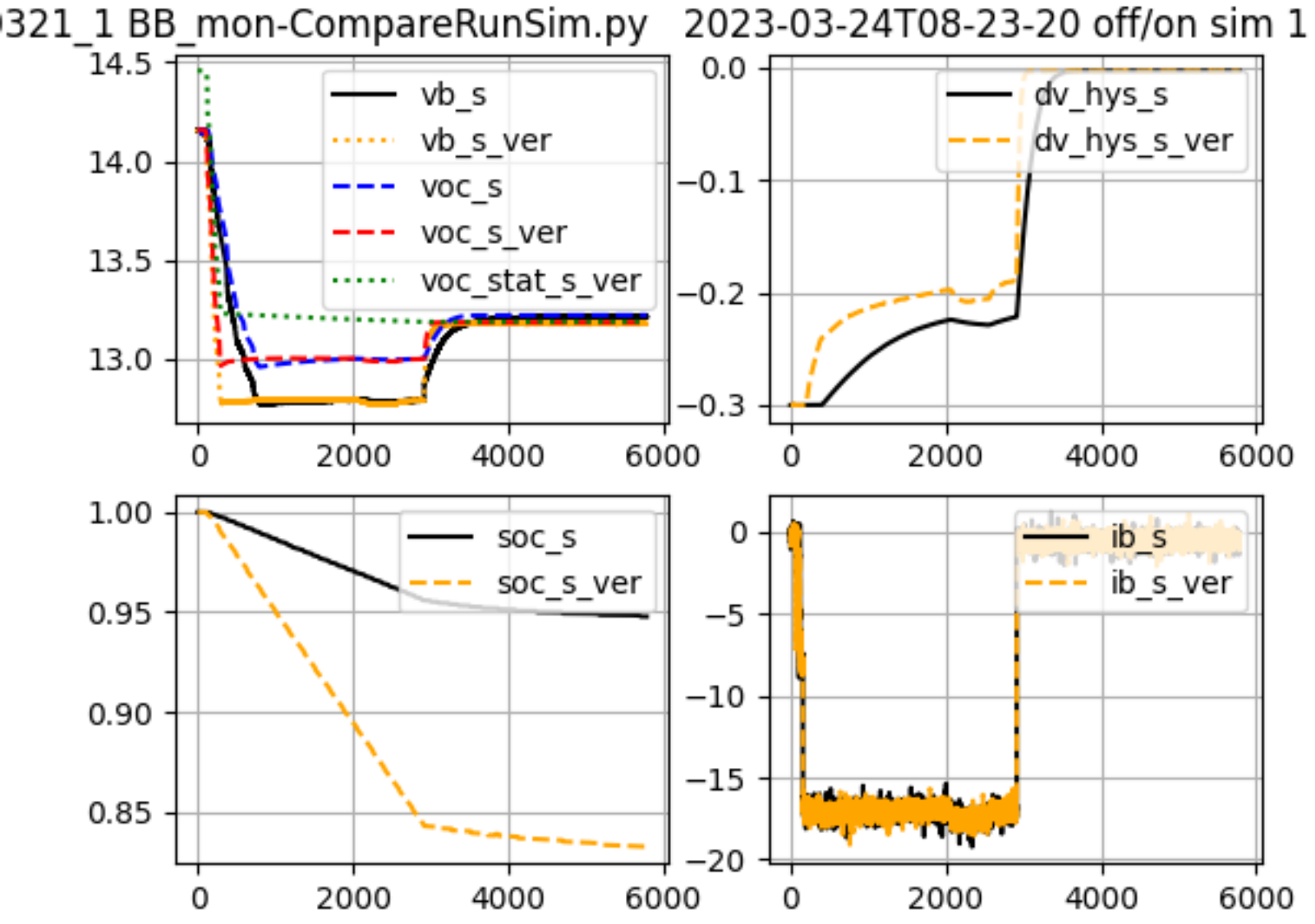

21_1 BB_
Sim.py 2023-03-24T08-23-20 Hyst 1
e_wrap
e_wrap_ver
dv_hys
dv_hys_ver
dv_hys_s
dv_hys_s_ver
soc
soc_s
soc_ver
soc_s_ver
ib_sel
ioc
vb_s
vb
voc_stat_s
voc_stat
voc_soc
vb
voc
voc_stat
voc_soc
vb_ver
voc_ver
voc_stat_ver
sec
soc


1_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-20 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


230321_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-20 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


230321_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-20 GP 2
vb
vb_ver
voc
voc_ver
voc_stat
voc_stat_ver
14.5
14.0
13.5
13.0
0
2000
4000
6000
dv_hys
dv_hys_ver
0.0
−0.1
−0.2
−0.3
soc
soc_ver
1.00
0.95
0.90
0.85
ib_sel
ib_in_s
ib_charge_ver
0
−5
−10
−15
−20


_1 BB_mon-CompareRunSim.py 2025-03-24T08-23-20 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
vb
vb_s_ver
voc_stat
voc_stat_s_ver
vb
vb_ver
vb_s
vb_s_ver
dv_hys_s_ver
sat-0.5
sat_ver-0.5
sat_s-0.5
sat_s_ver-0.5
Tb
sec
sec


321_1 BB_mon-CompareRunSim.py 2023-03-24T08-23-20 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