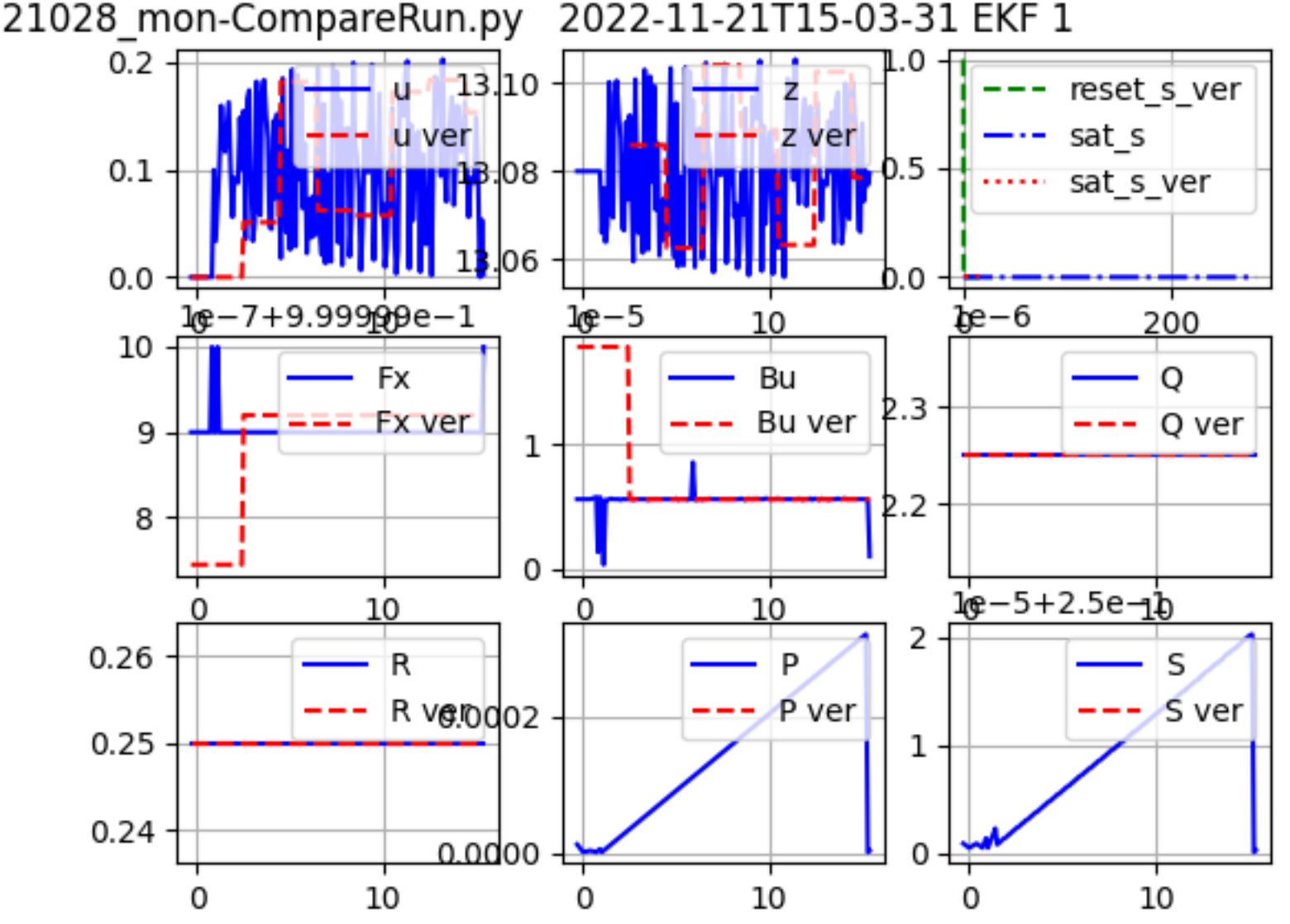
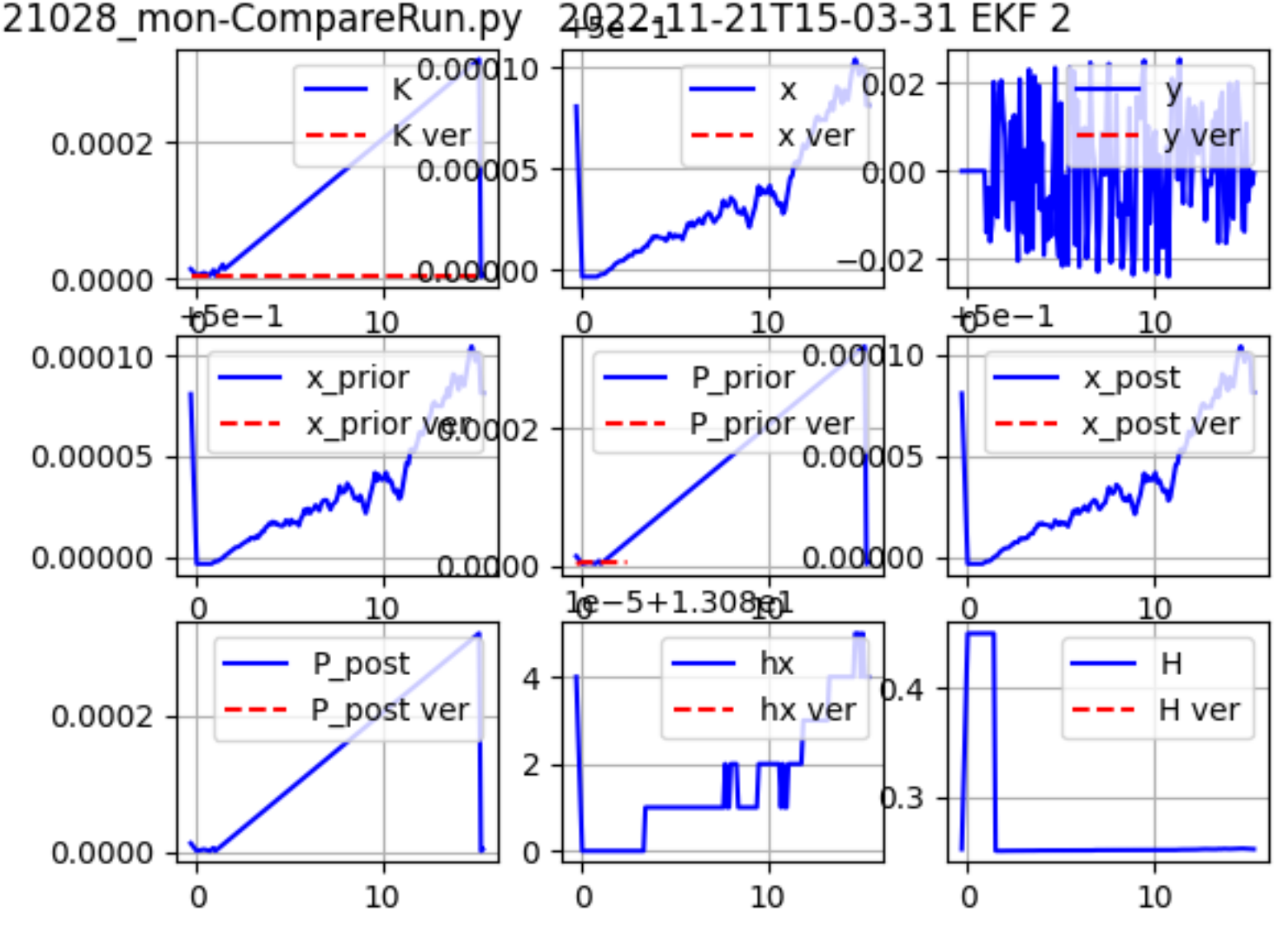
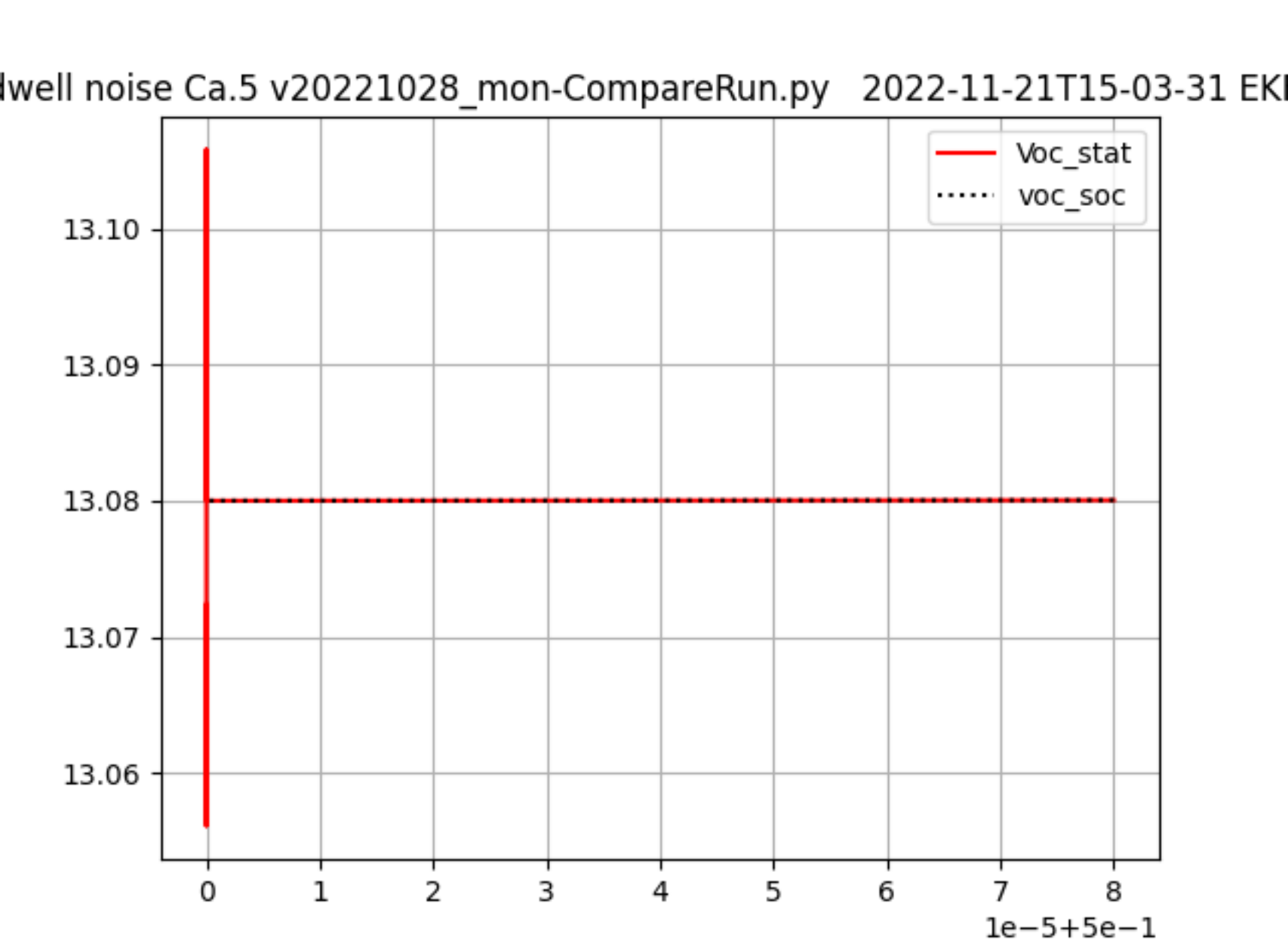
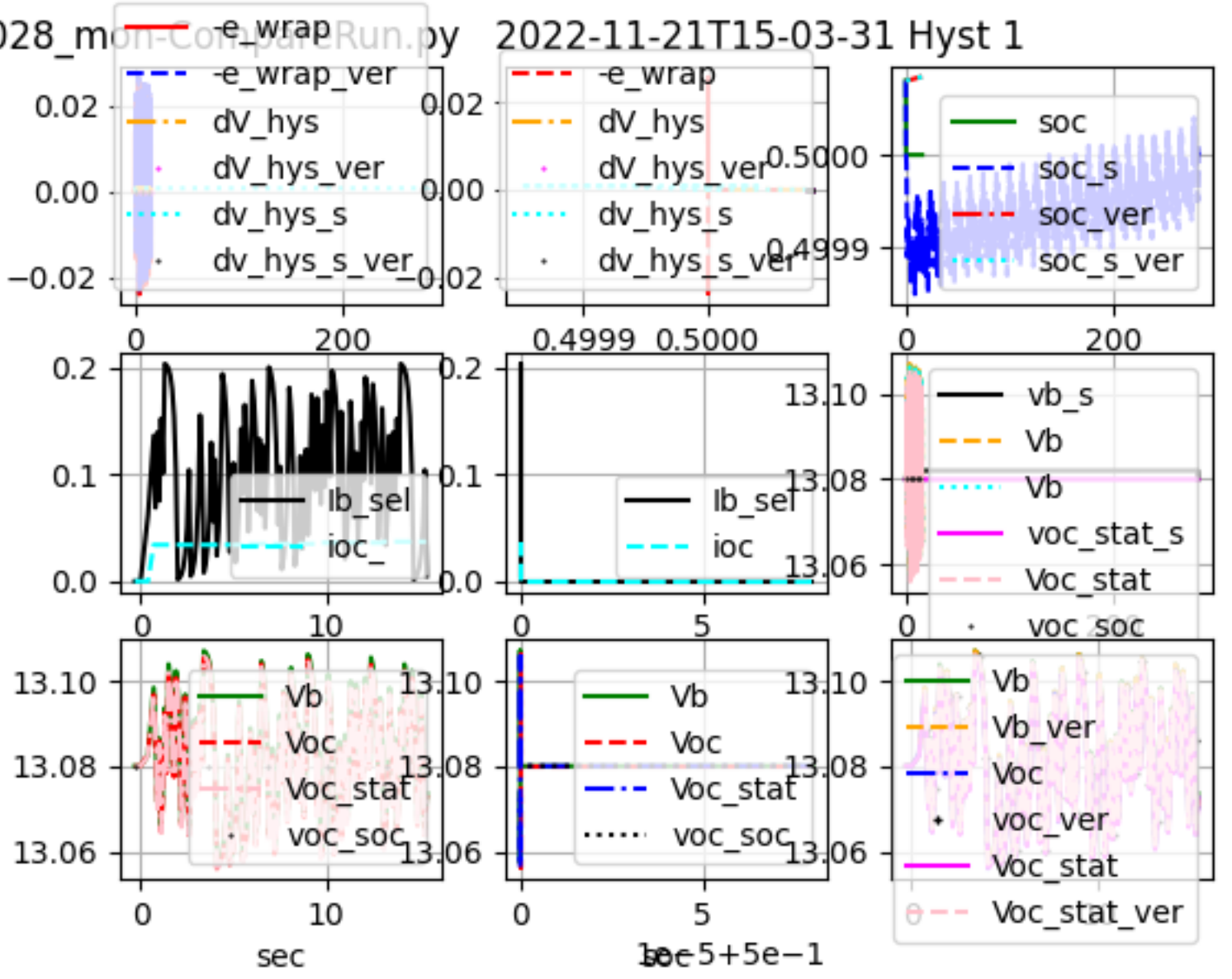
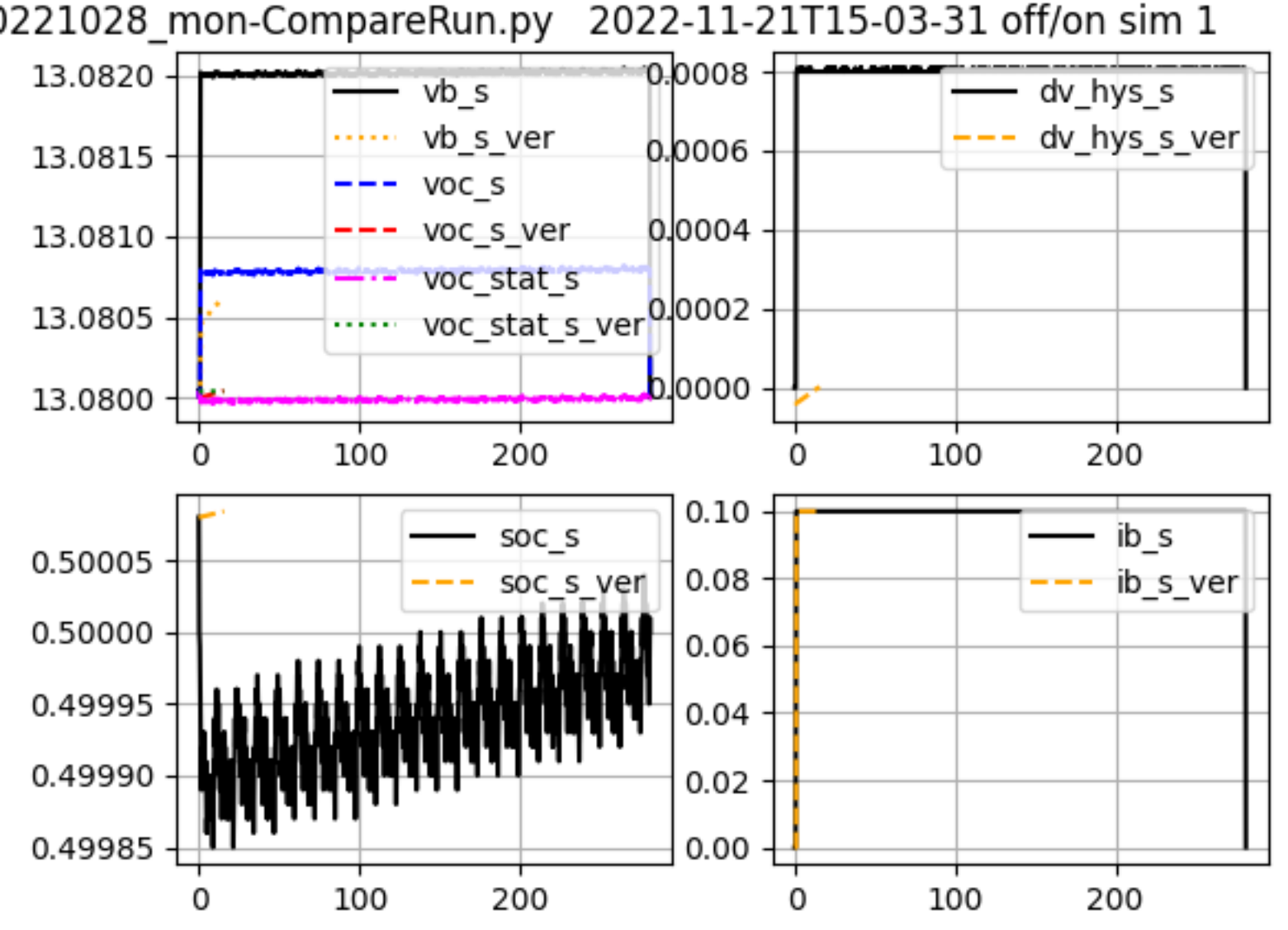
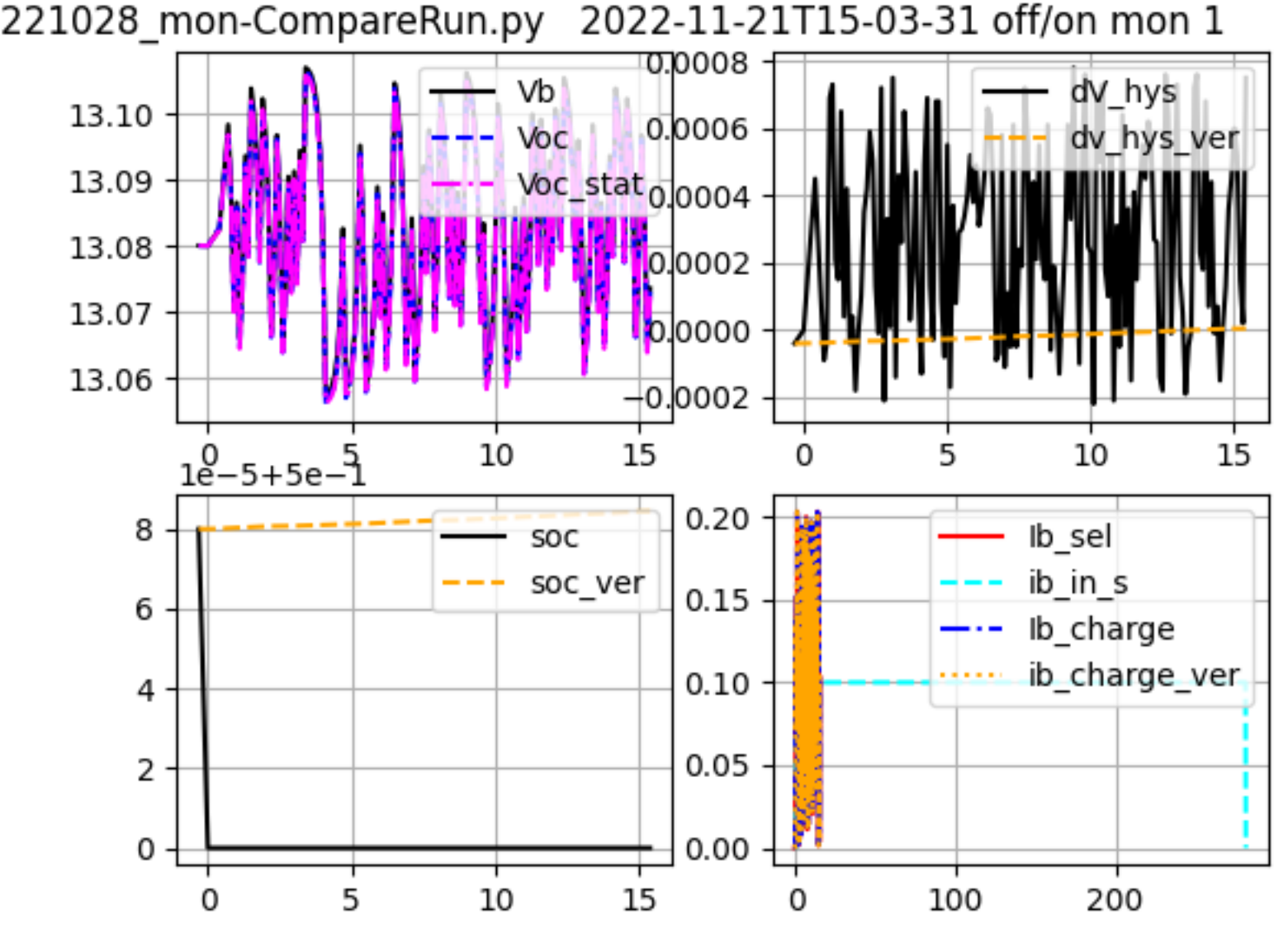

21028_mon-CompareRun.py 2022-11-21T15-03-31 EKF 1
u
u ver
z
z ver
reset_s_ver
sat_s
sat_s_ver
1e−7+9.99999e−1
Fx
Fx ver
1e−5
Bu
Bu ver
1e−6
Q
Q ver
R
R ver
P
P ver
1e−5+2.5e−1
S
S ver

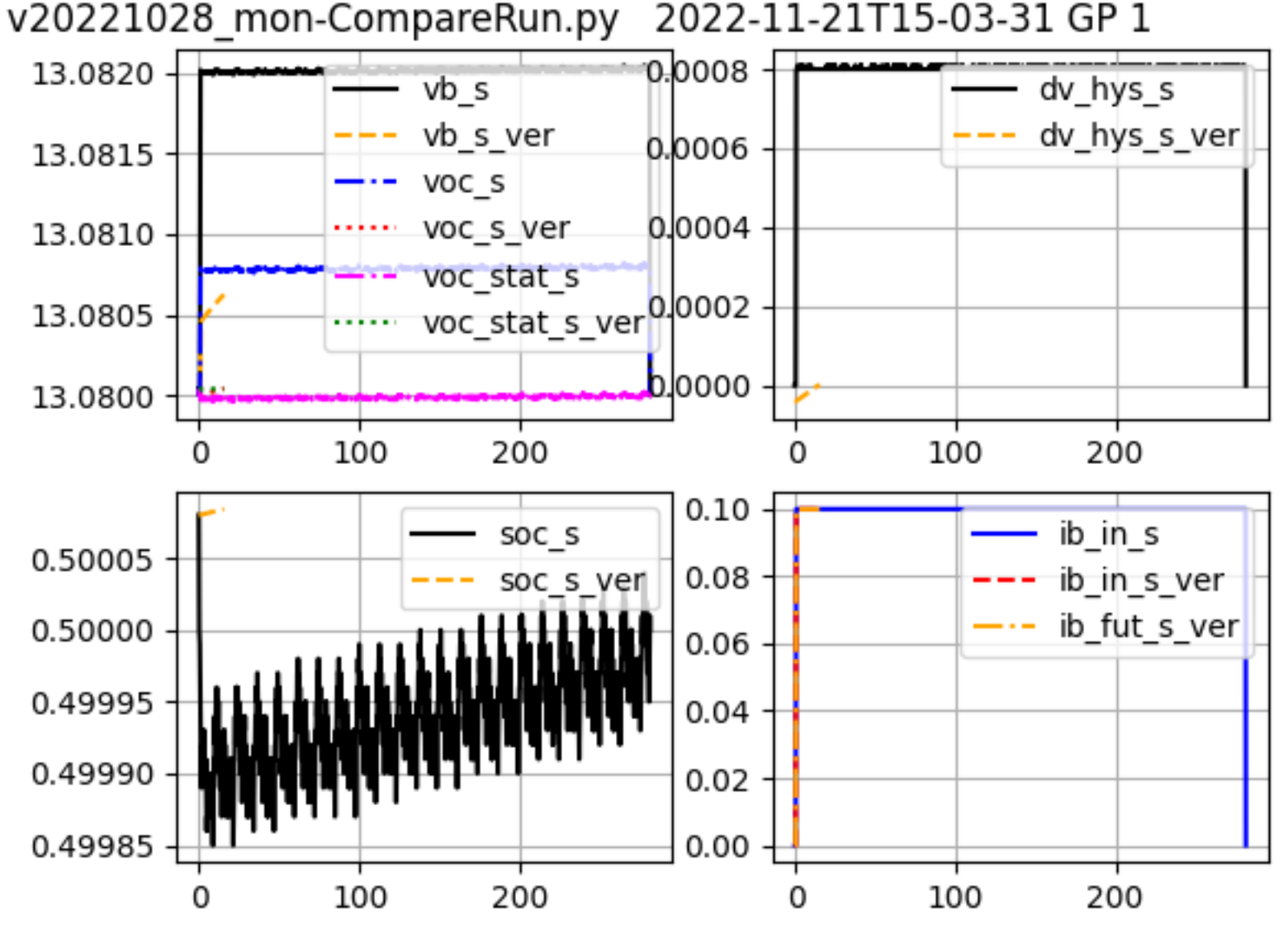

21028_mon-CompareRun.py 2022-11-21T15-03-31 EKF 2
K
K ver
x
x ver
y
y ver
x_prior
x_prior ver
P_prior
P_prior ver
x_post
x_post ver
P_post
P_post ver
hx
hx ver
H
H ver

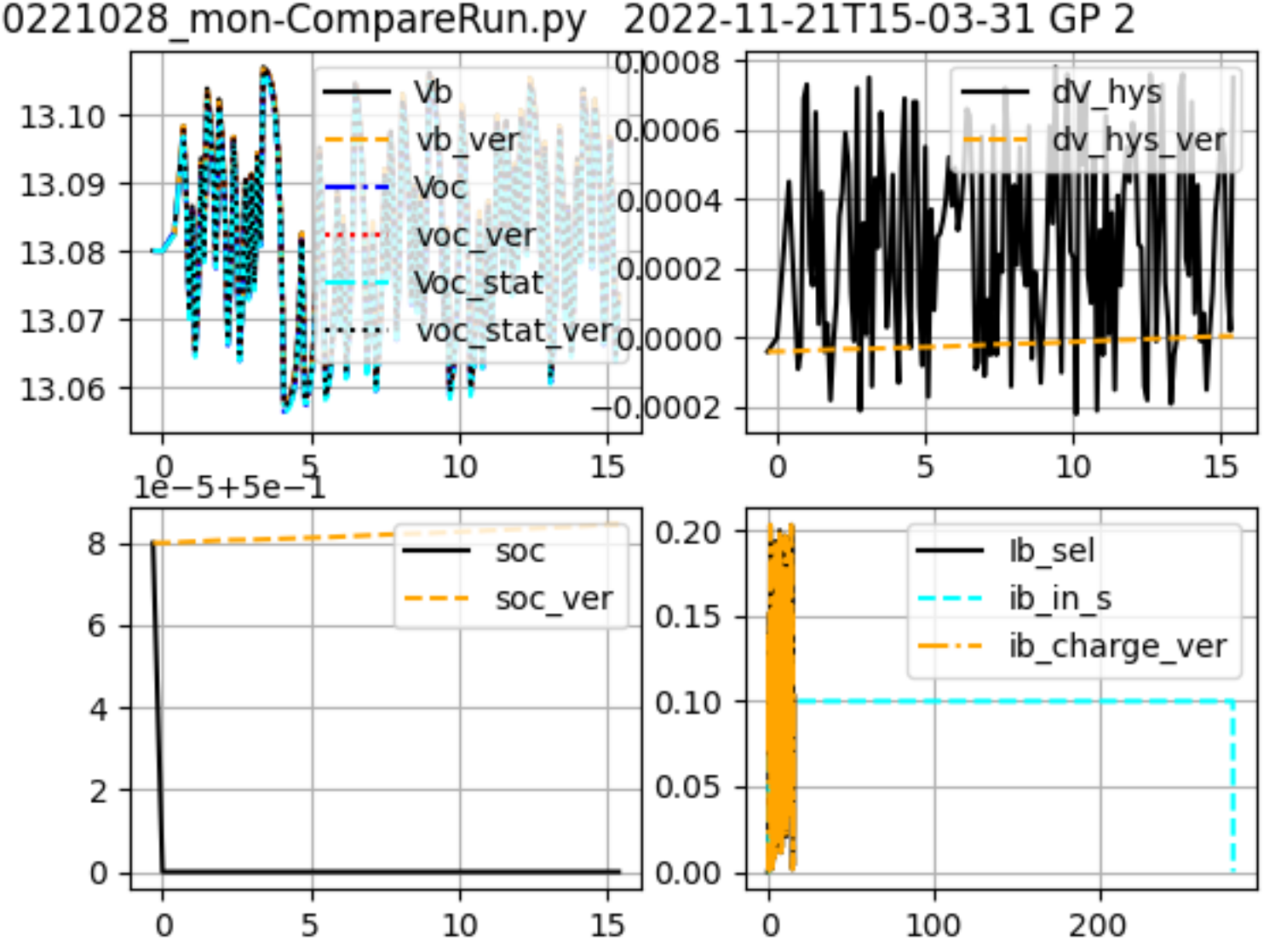

dwell noise Ca.5 v20221028_mon-CompareRun.py 2022-11-21T15-03-31 EKI
Voc_stat
voc_soc
13.10
13.09
13.08
13.07
13.06
0
1
2
3
4
5
6
7
8
1e−5+5e−1

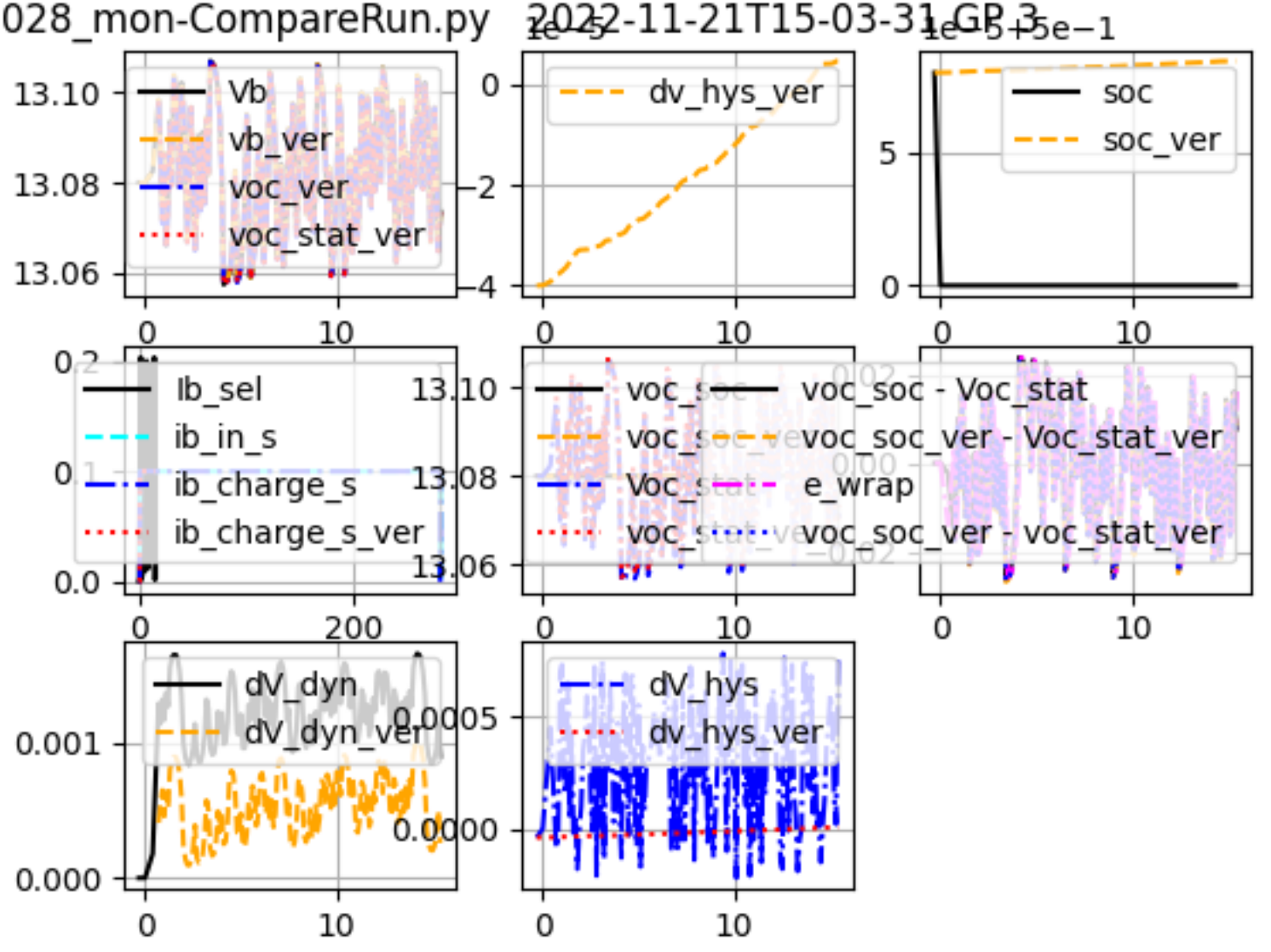

21028_mon-CompareRun.py 2022-11-21T15-03-31 Hyst 1
e_wrap
e_wrap_ver
dV_hys
dV_hys_ver
dv_hys_s
dv_hys_s_ver
soc
soc_s
soc_ver
soc_s_ver
lb_sel
ioc_
ioc
vb_s
Vb
Vb
voc_stat_s
Voc_stat
voc_soc
Vb
Voc
Voc_stat
voc_soc
Vb_ver
voc_ver
Voc_stat_ver
sec
1e−5+5e−1


0221028_mon-CompareRun.py 2022-11-21T15-03-31 off/on sim 1
13.0820
13.0815
13.0810
13.0805
13.0800
vb_s
vb_s_ver
voc_s
voc_s_ver
voc_stat_s
voc_stat_s_ver
0.0008
0.0006
0.0004
0.0002
0.0000
dv_hys_s
dv_hys_s_ver
0
100
200
0.50005
0.50000
0.49995
0.49990
0.49985
soc_s
soc_s_ver
0.10
0.08
0.06
0.04
0.02
0.00
ib_s
ib_s_ver


221028_mon-CompareRun.py 2022-11-21T15-03-31 off/on mon 1
Vb
Voc
Voc_stat
dV_hys
dv_hys_ver
1e−5+5e−1
soc
soc_ver
Ib_sel
ib_in_s
Ib_charge
ib_charge_ver


v20221028_mon-CompareRun.py 2022-11-21T15-03-31 GP 1
13.0820
13.0815
13.0810
13.0805
13.0800
vb_s
vb_s_ver
voc_s
voc_s_ver
voc_stat_s
voc_stat_s_ver
0.0008
0.0006
0.0004
0.0002
0.0000
dv_hys_s
dv_hys_s_ver
0
100
200
0.50005
0.50000
0.49995
0.49990
0.49985
soc_s
soc_s_ver
0.10
0.08
0.06
0.04
0.02
0.00
ib_in_s
ib_in_s_ver
ib_fut_s_ver


v20221028_mon-CompareRun.py 2022-11-21T15-03-31 GP 2
Vb
vb_ver
Voc
voc_ver
Voc_stat
voc_stat_ver
dV_hys
dv_hys_ver
1e−5+5e−1
soc
soc_ver
Ib_sel
ib_in_s
ib_charge_ver


221028_mon-CompareRun.py 2022-11-21T15-03-31.GP.3
Vb
vb_ver
voc_ver
voc_stat_ver
dv_hys_ver
soc
soc_ver
Ib_sel
ib_in_s
ib_charge_s
ib_charge_s_ver
voc_soc - Voc_stat
voc_soc_ver - Voc_stat_ver
e_wrap
voc_soc_ver - voc_stat_ver
dV_dyn
dV_dyn_ver
dV_hys
dv_hys_ver