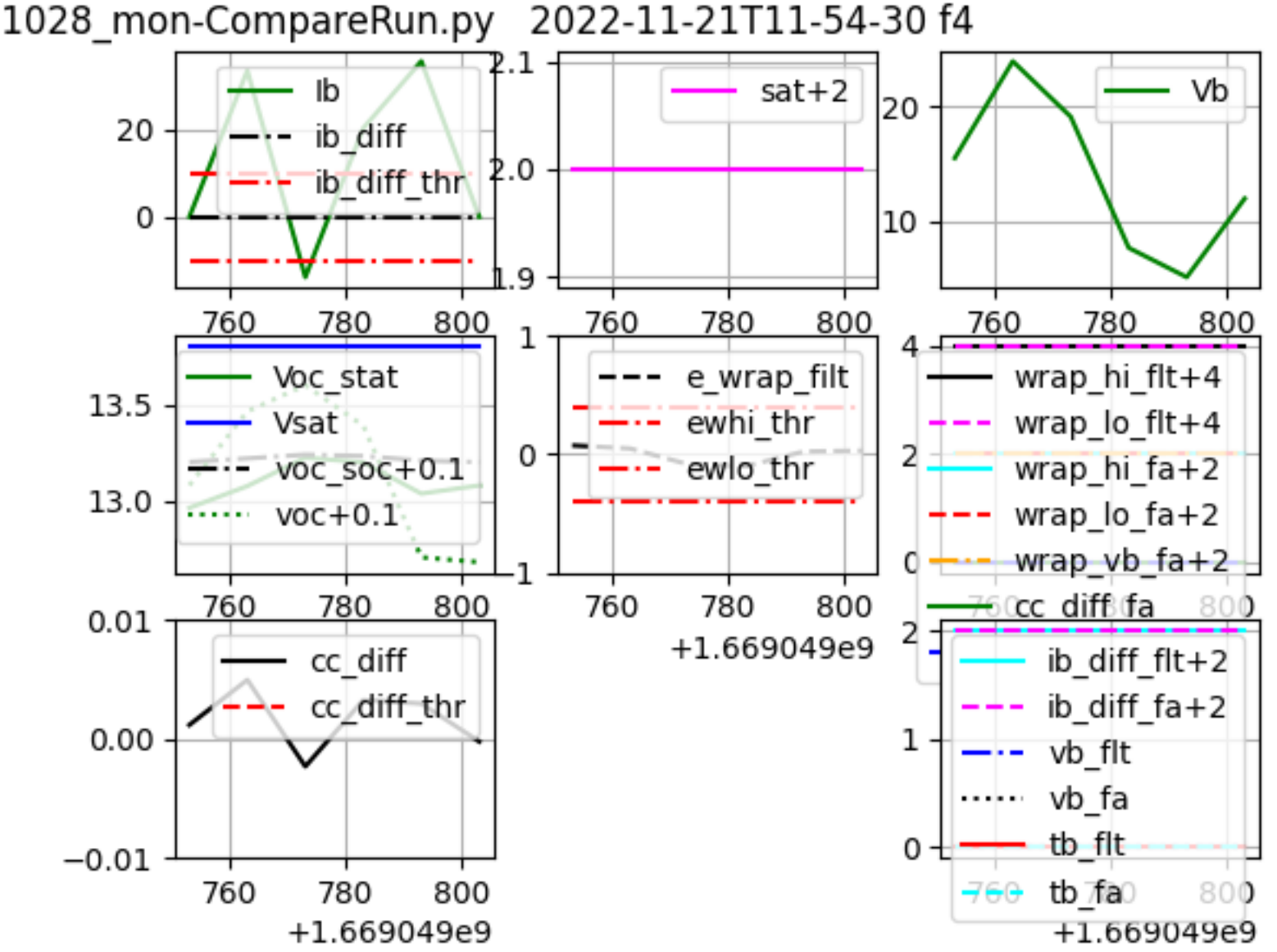
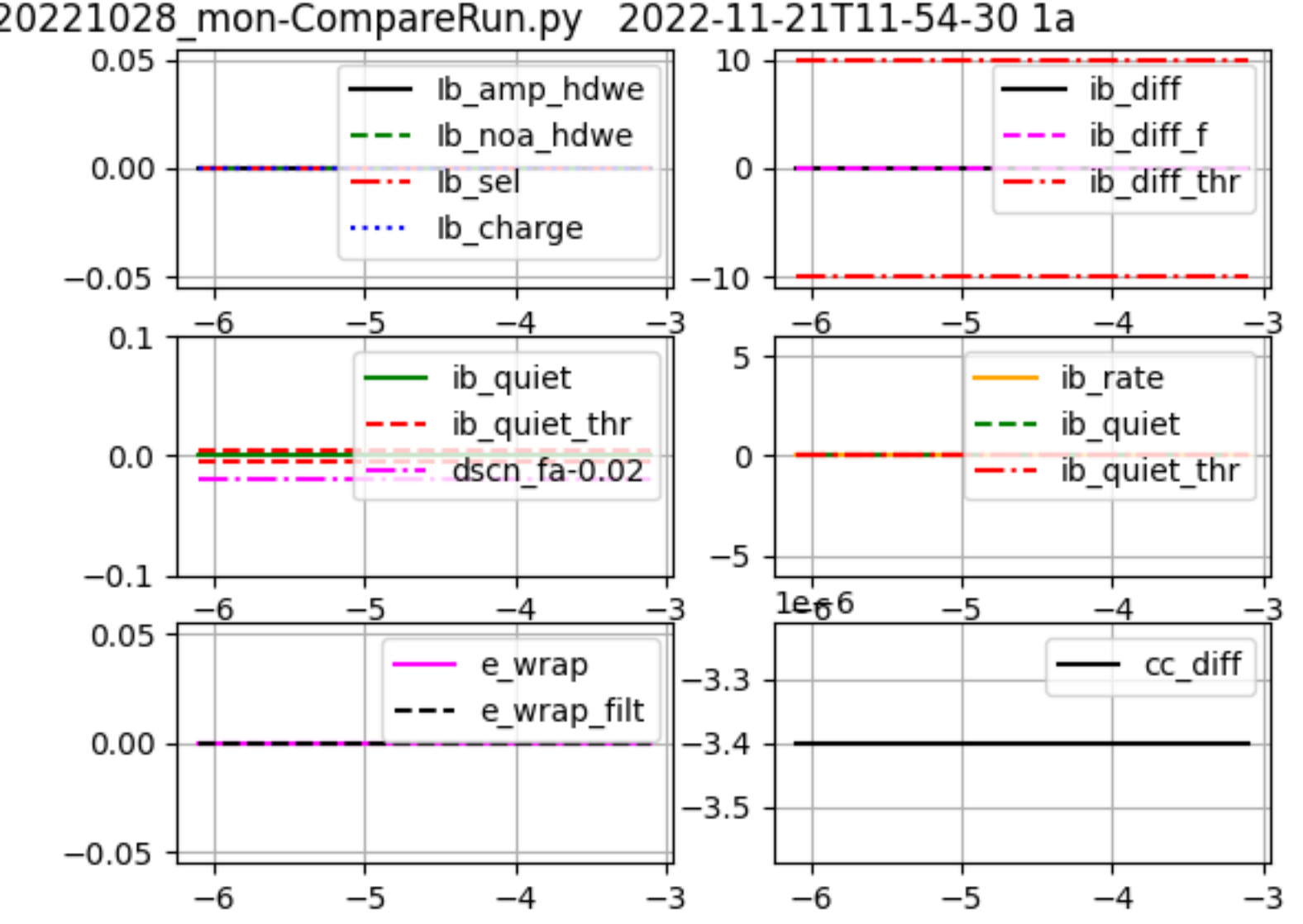
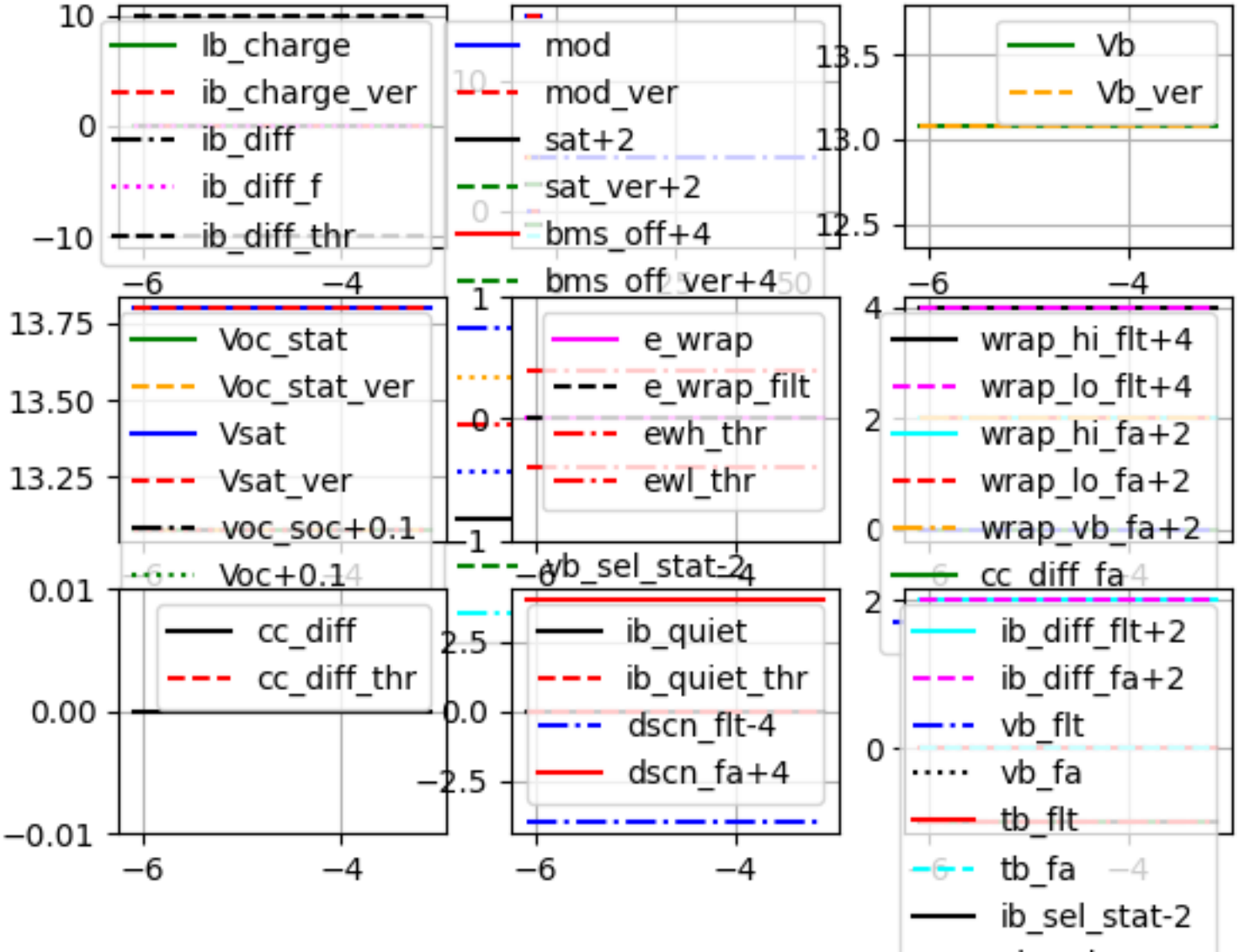
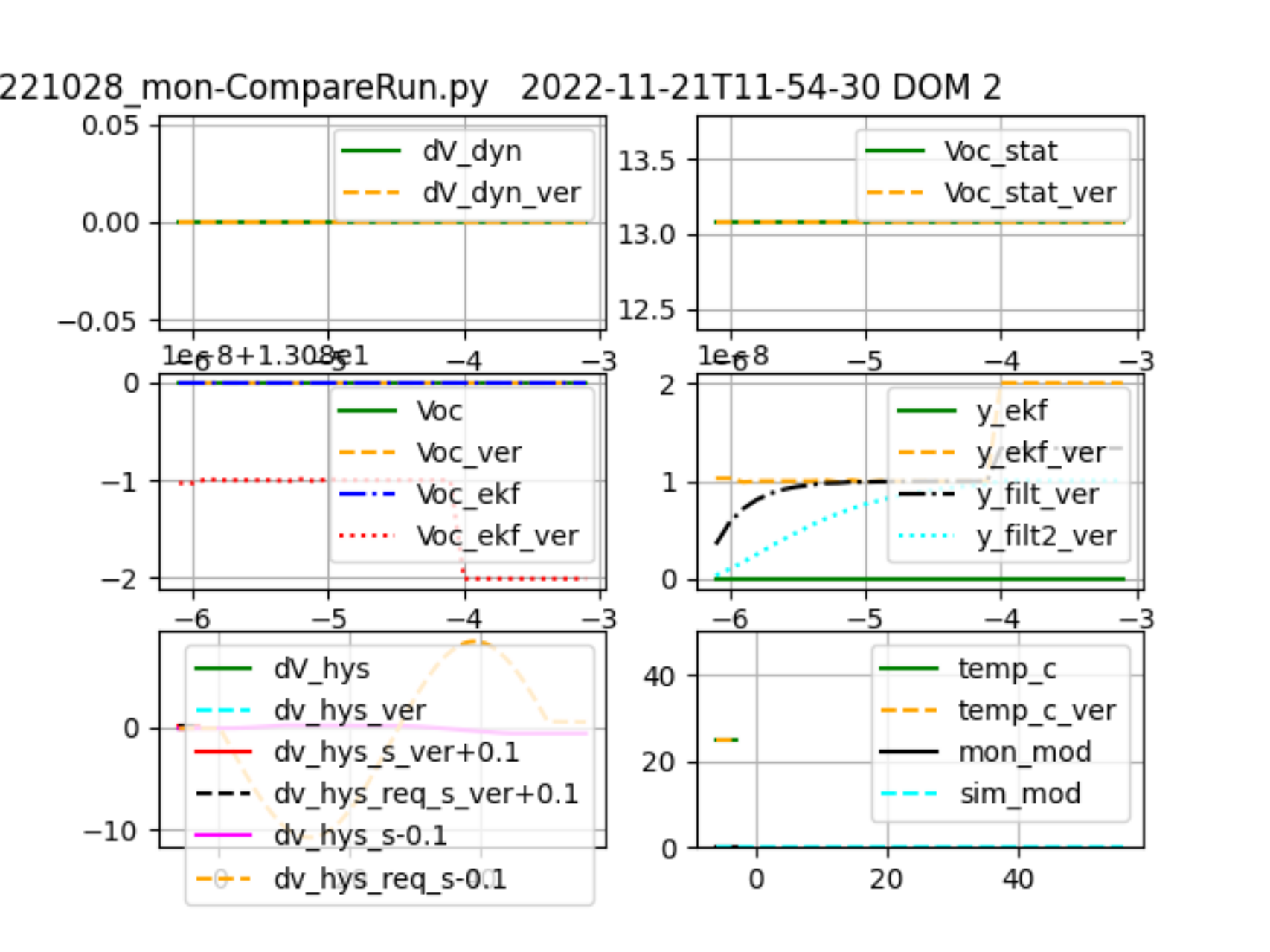
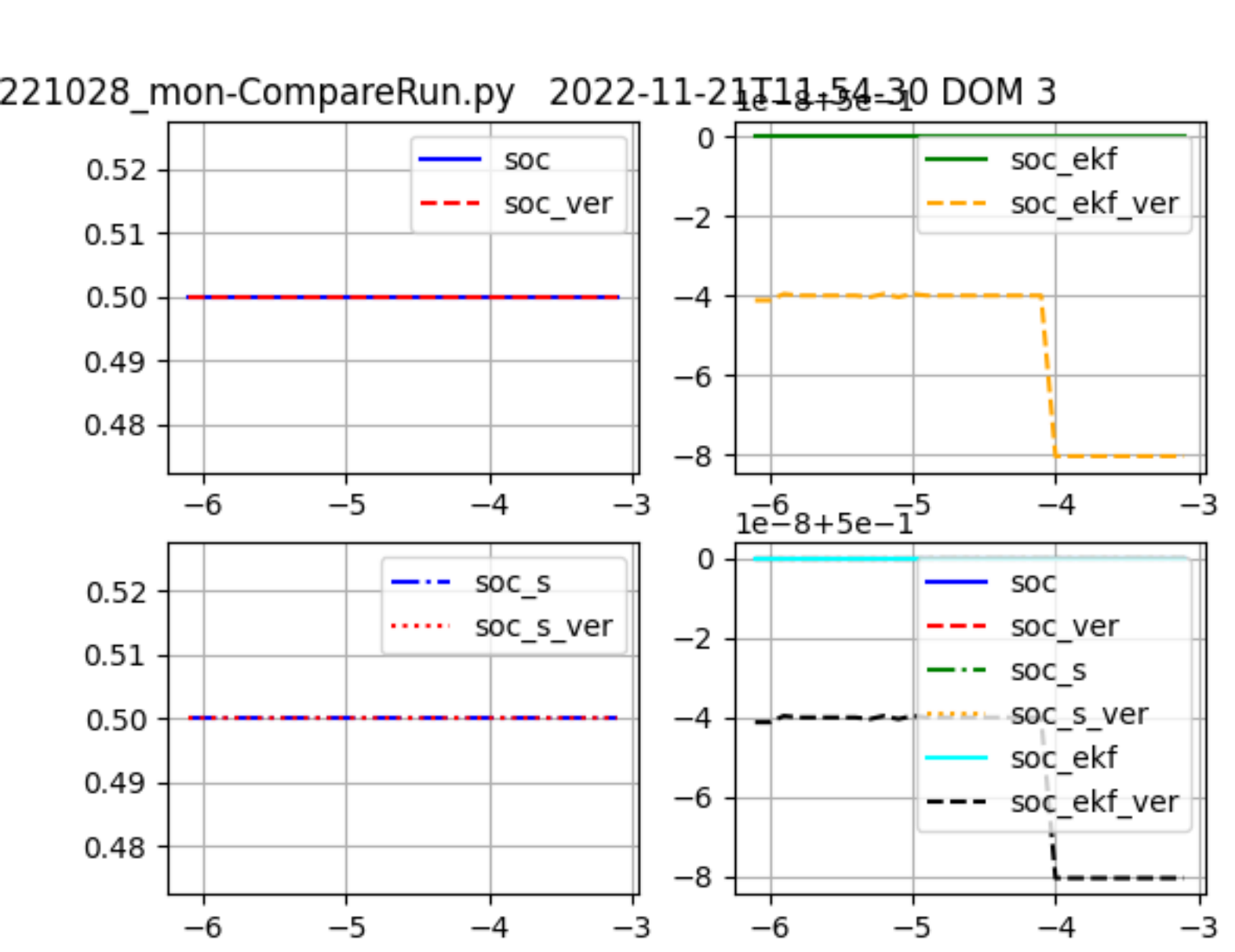

1028_mon-CompareRun.py 2022-11-21T11-54-30 f4
Ib
ib_diff
ib_diff_thr
sat+2
Vb
Voc_stat
Vsat
voc_soc+0.1
voc+0.1
e_wrap_filt
ewhi_thr
ewlo_thr
wrap_hi_flt+4
wrap_lo_flt+4
wrap_hi_fa+2
wrap_lo_fa+2
wrap_vb_fa+2
cc_diff_fa
cc_diff
cc_diff_thr
ib_diff_flt+2
ib_diff_fa+2
vb_flt
vb_fa
tb_flt
tb_fa
+1.669049e9
+1.669049e9

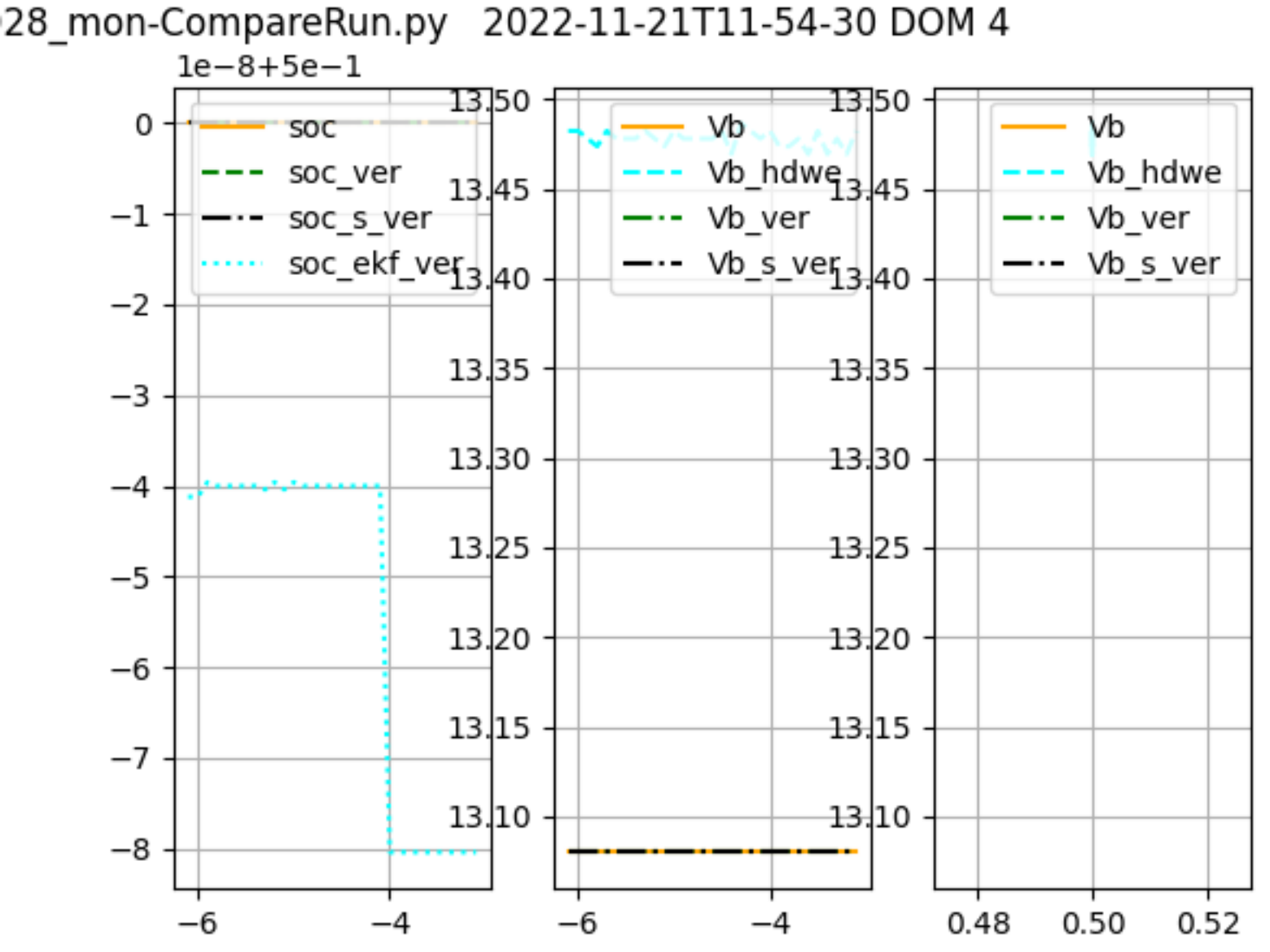

20221028_mon-CompareRun.py 2022-11-21T11-54-30 1a
0.05
0.00
−0.05
−6
−5
−4
−3
Ib_amp_hdwe
Ib_noa_hdwe
Ib_sel
Ib_charge
10
0
−10
ib_diff
ib_diff_f
ib_diff_thr
0.1
0.0
−0.1
ib_quiet
ib_quiet_thr
dscn_fa-0.02
5
0
−5
ib_rate
ib_quiet
ib_quiet_thr
1e6
−3.3
−3.4
−3.5
e_wrap
e_wrap_filt
cc_diff

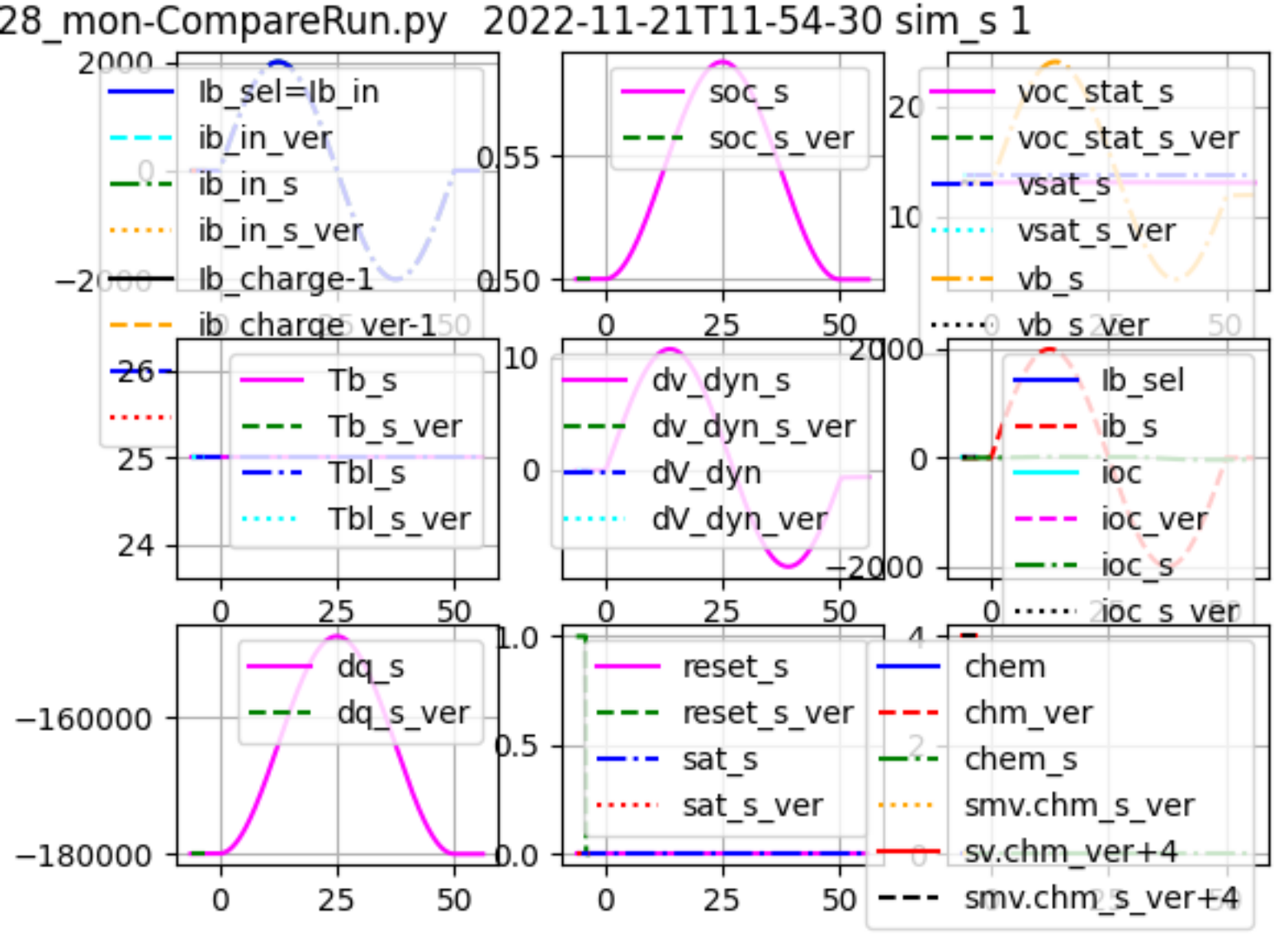
28_mon-CompareRun.py 2022-11-21T11-54-30 DOM 1

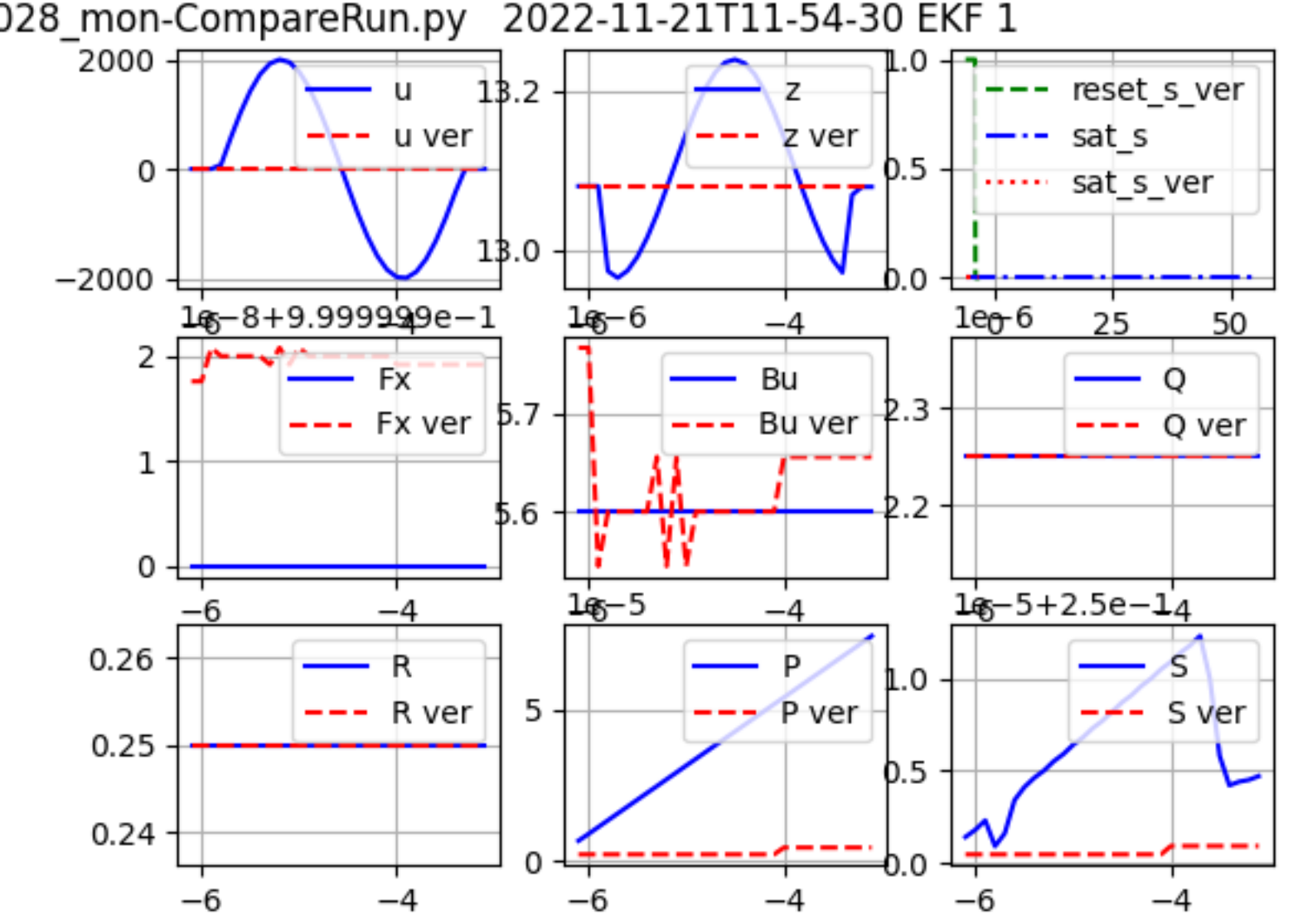


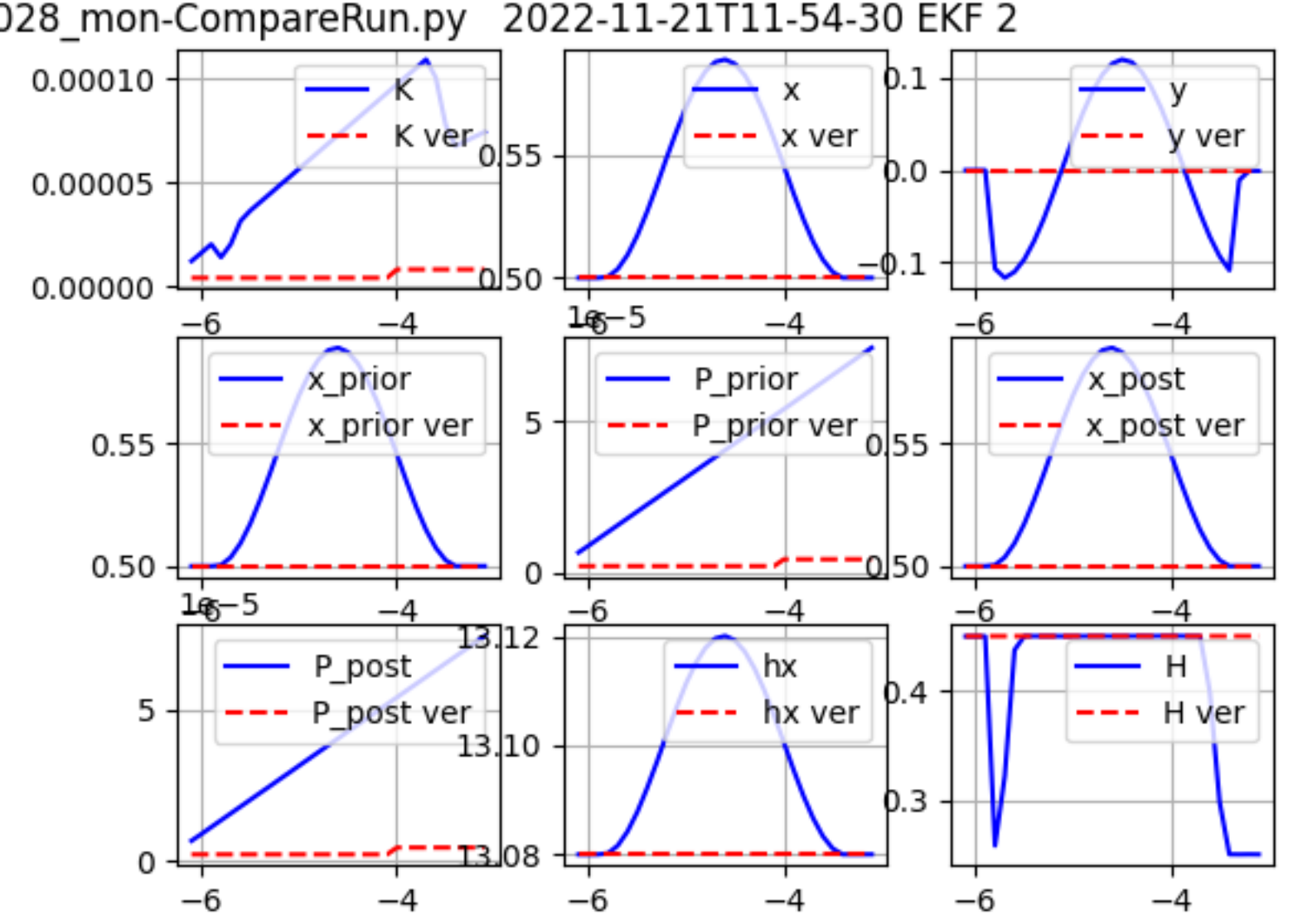

221028_mon-CompareRun.py 2022-11-21T11-54-30 DOM 2
dV_dyn
dV_dyn_ver
Voc_stat
Voc_stat_ver
1e8+1.308e1
Voc
Voc_ver
Voc_ekf
Voc_ekf_ver
1e8
y_ekf
y_ekf_ver
y_filt_ver
y_filt2_ver
dV_hys
dv_hys_ver
dv_hys_s_ver+0.1
dv_hys_req_s_ver+0.1
dv_hys_s-0.1
dv_hys_req_s-0.1
temp_c
temp_c_ver
mon_mod
sim_mod


221028_mon-CompareRun.py 2022-11-21T11-54-30 DOM 3
soc
soc_ver
soc_ekf
soc_ekf_ver
soc_s
soc_s_ver
1e−8+5e−1
0.52
0.51
0.50
0.49
0.48
0
−2
−4
−6
−8
−6
−5
−4
−3


28_mon-CompareRun.py 2022-11-21T11-54-30 DOM 4
1e−8+5e−1
soc
soc_ver
soc_s_ver
soc_ekf_ver
Vb
Vb_hdwe
Vb_ver
Vb_s_ver
Vb
Vb_hdwe
Vb_ver
Vb_s_ver


28_mon-CompareRun.py 2022-11-21T11-54-30 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


028_mon-CompareRun.py 2022-11-21T11-54-30 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


028_mon-CompareRun.py 2022-11-21T11-54-30 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
0.00010
0.00005
0.00000
0.55
0.50
0.1
0.0
−0.1
5
0
13.12
13.10
13.08
0.4
0.3
−6
−4
1e−5