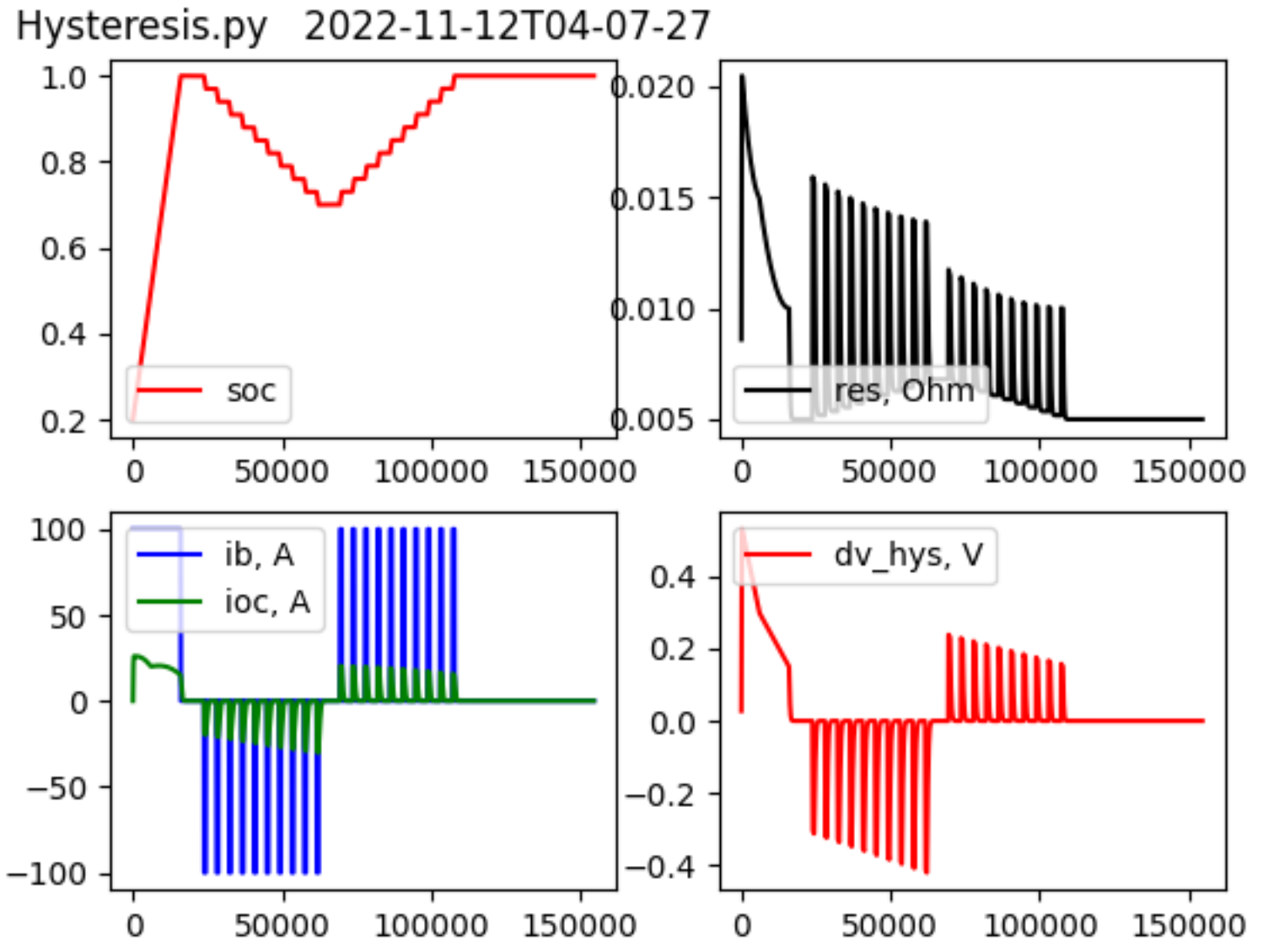
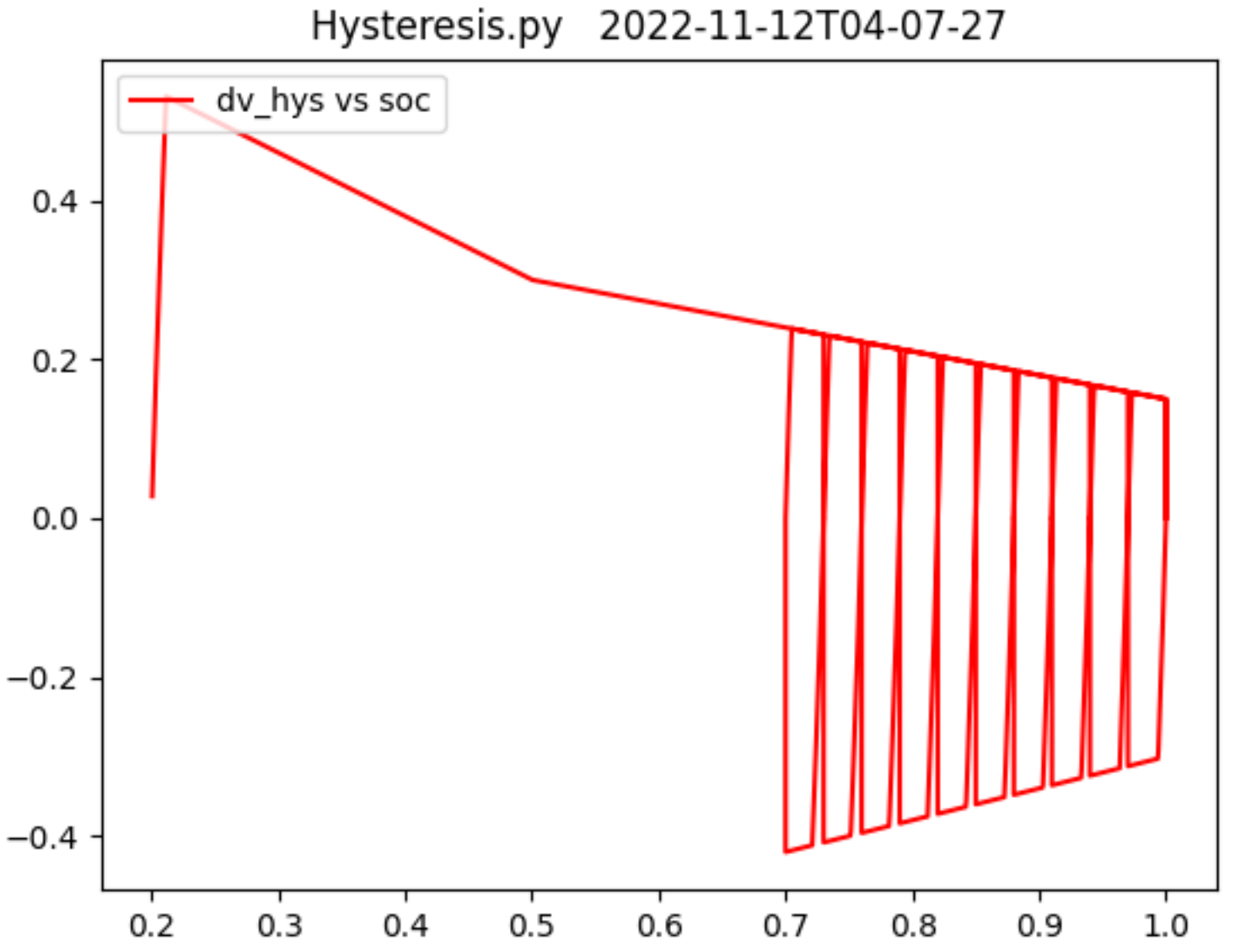
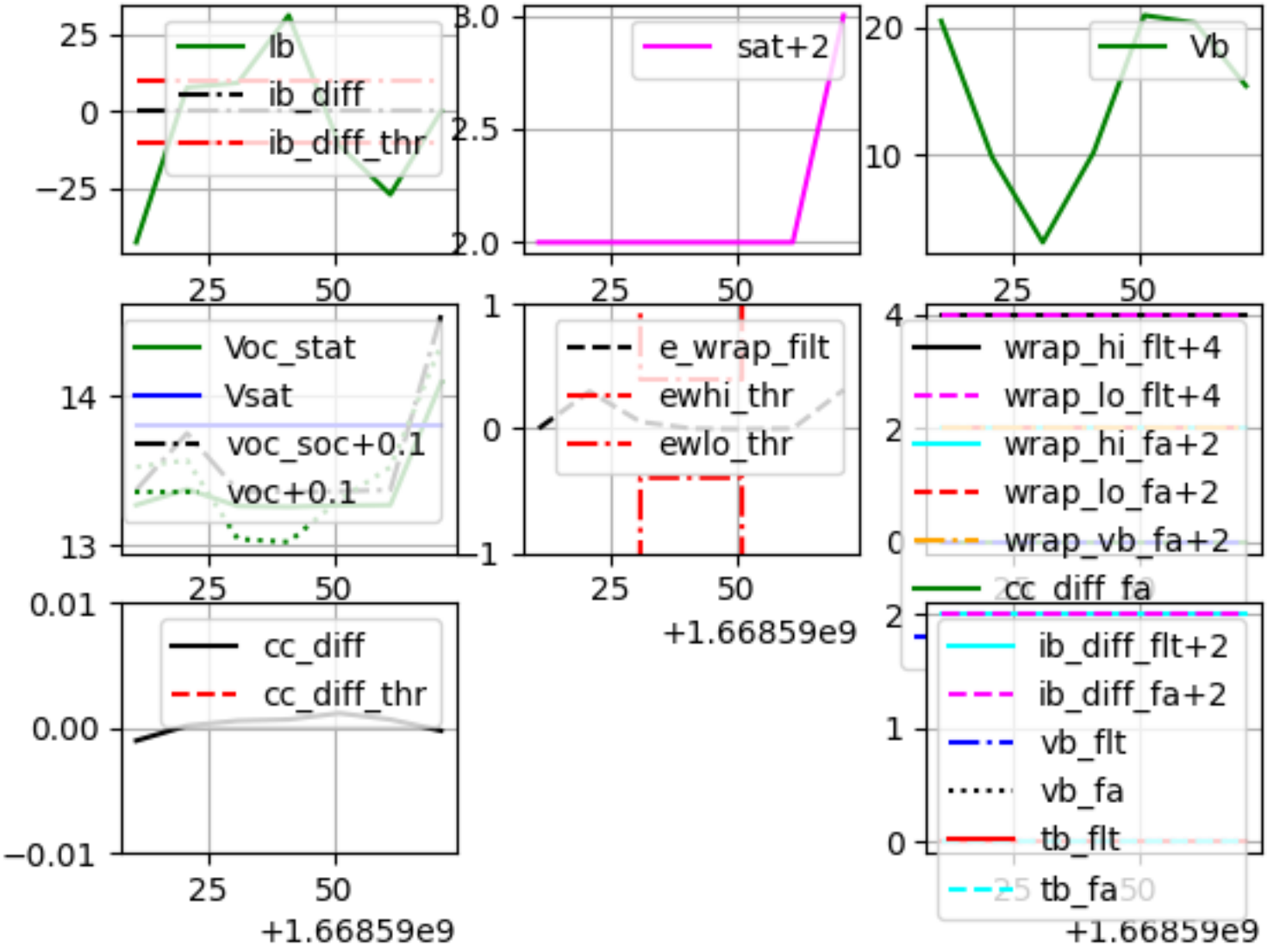
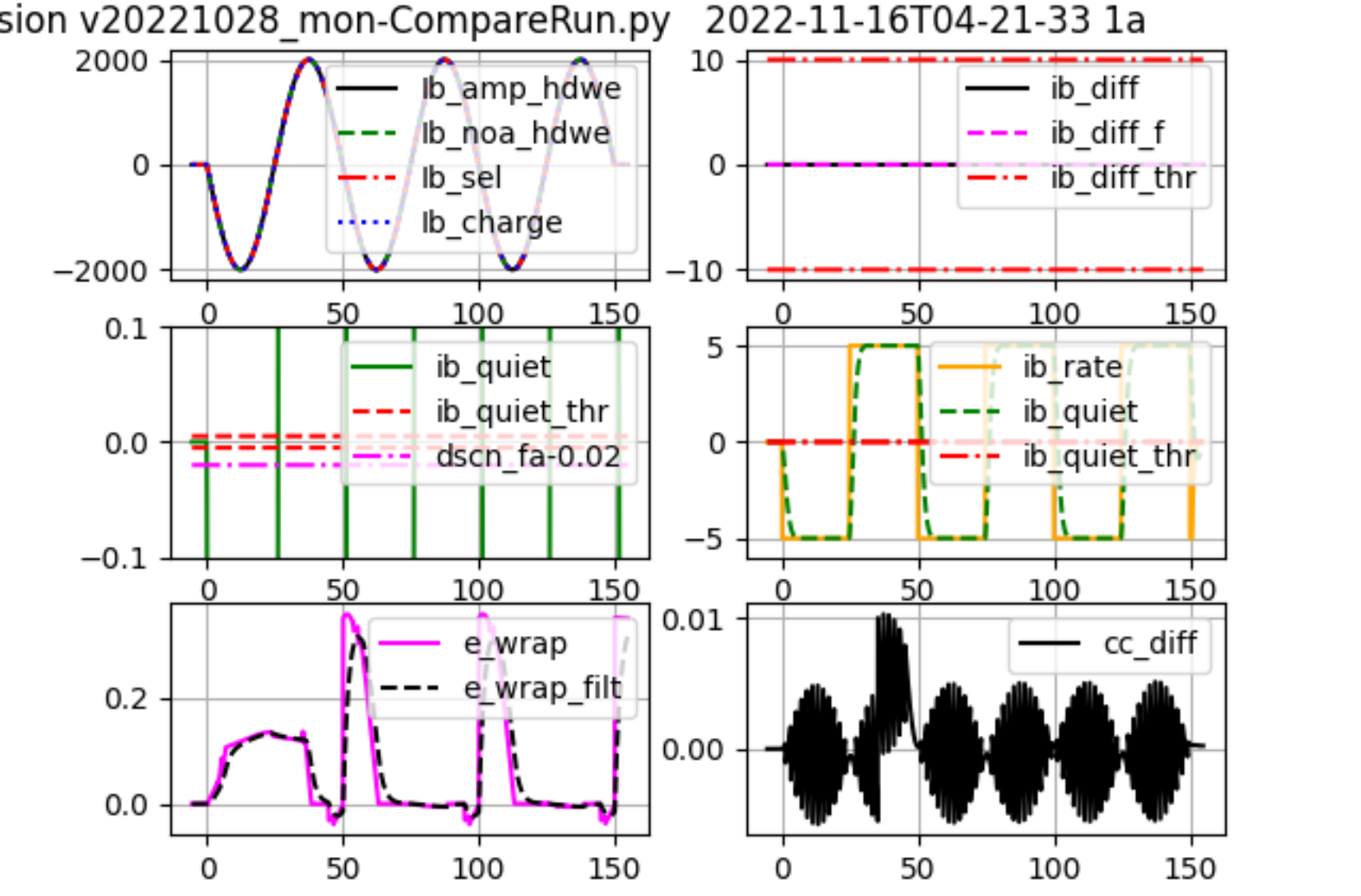
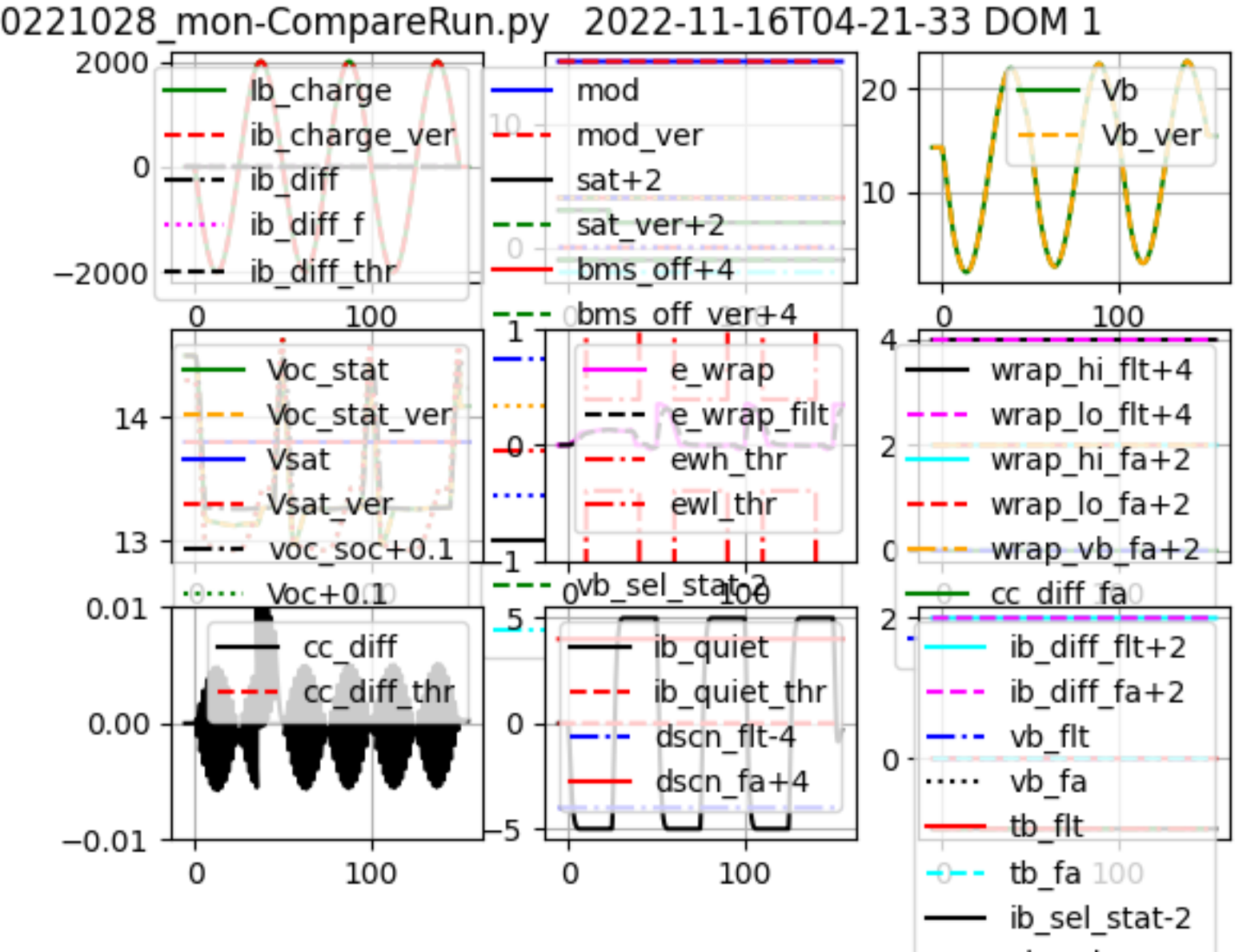

Hysteresis.py 2022-11-12T04-07-27
soc
res, Ohm
ib, A
ioc, A
dv_hys, V
0
50000
100000
150000

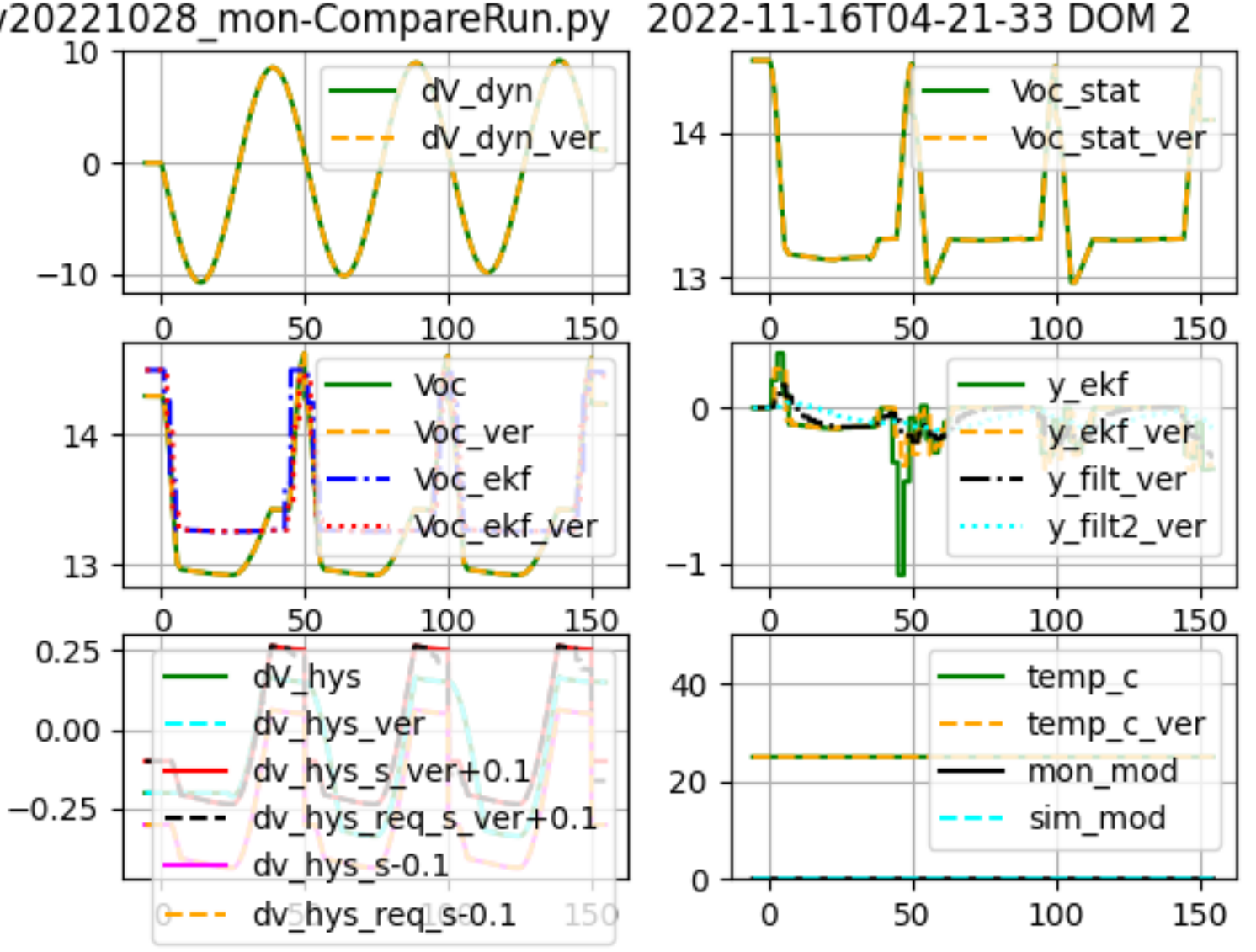

Hysteresis.py 2022-11-12T04-07-27
dv_hys vs soc
0.4
0.2
0.0
−0.2
−0.4
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

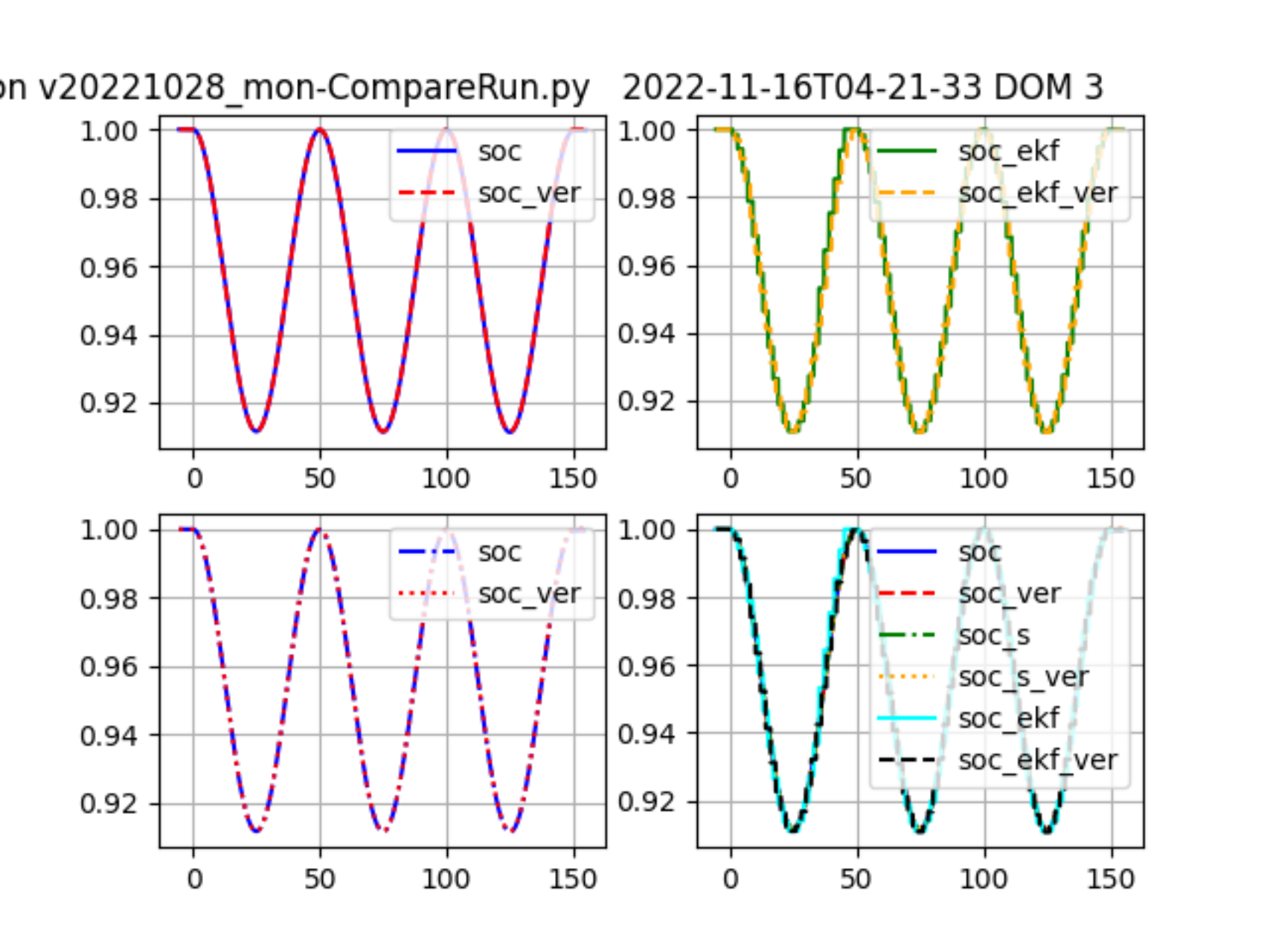
v20221028_mon-CompareRun.py 2022-11-16T04-21-33 f4

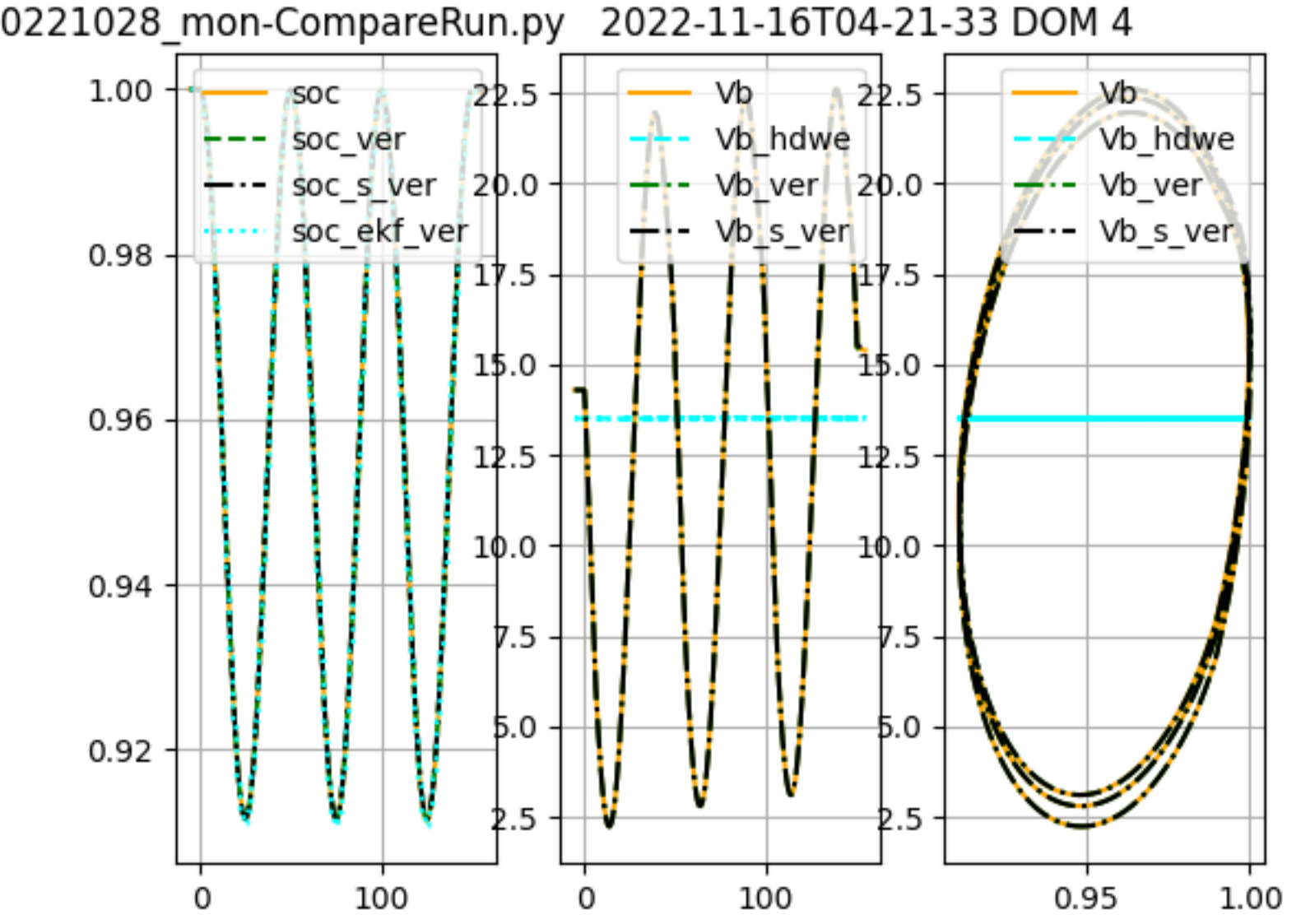


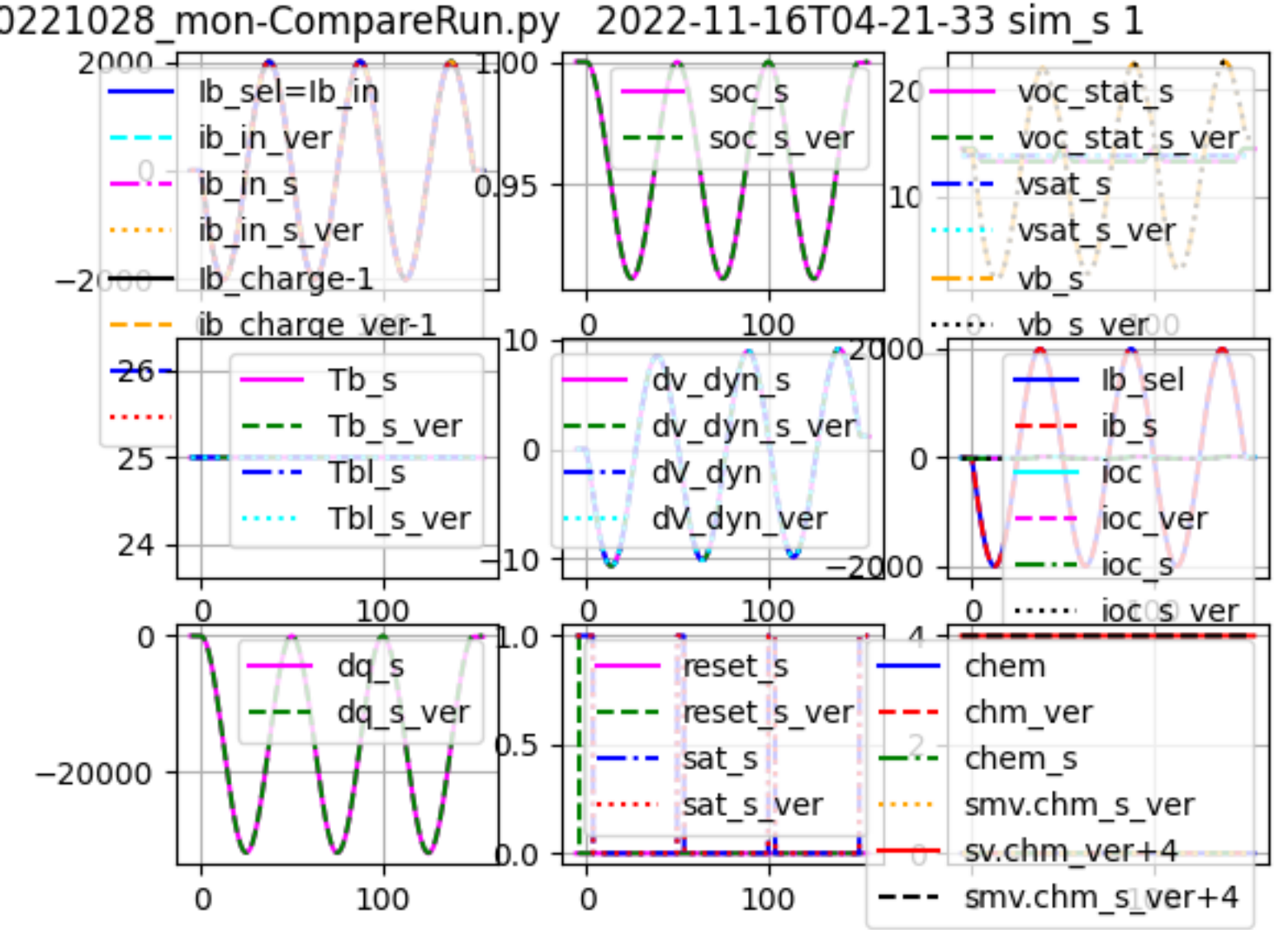

sion v20221028_mon-CompareRun.py 2022-11-16T04-21-33 1a
2000
0
−2000
Ib_amp_hdwe
Ib_noa_hdwe
Ib_sel
Ib_charge
0
50
100
150
10
0
−10
ib_diff
ib_diff_f
ib_diff_thr
0.1
0.0
−0.1
ib_quiet
ib_quiet_thr
dscn_fa-0.02
5
0
−5
ib_rate
ib_quiet
ib_quiet_thr
0.2
0.0
e_wrap
e_wrap_filt
0.01
0.00
cc_diff


0221028_mon-CompareRun.py 2022-11-16T04-21-33 DOM 1
2000
0
−2000
0
100
Ib_charge
ib_charge_ver
ib_diff
ib_diff_f
ib_diff_thr
mod
mod_ver
sat+2
sat_ver+2
bms_off+4
bms_off_ver+4
20
10
Vb
Vb_ver
14
13
Voc_stat
Voc_stat_ver
Vsat
Vsat_ver
voc_soc+0.1
Voc+0.1
1
0
−1
e_wrap
e_wrap_filt
ewh_thr
ewl_thr
vb_sel_stat-2
4
2
0
wrap_hi_flt+4
wrap_lo_flt+4
wrap_hi_fa+2
wrap_lo_fa+2
wrap_vb_fa+2
cc_diff_fa
0.01
0.00
−0.01
cc_diff
cc_diff_thr
5
0
−5
ib_quiet
ib_quiet_thr
dscn_flt-4
dscn_fa+4
2
0
ib_diff_flt+2
ib_diff_fa+2
vb_flt
vb_fa
tb_flt
tb_fa
ib_sel_stat-2


on v20221028_mon-CompareRun.py 2022-11-16T04-21-33 DOM 2
dV_dyn
dV_dyn_ver
Voc_stat
Voc_stat_ver
Voc
Voc_ver
Voc_ekf
Voc_ekf_ver
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


on v20221028_mon-CompareRun.py 2022-11-16T04-21-33 DOM 3
1.00
0.98
0.96
0.94
0.92
0
50
100
150
soc
soc_ver
soc_ekf
soc_ekf_ver
soc_s
soc_s_ver


0221028_mon-CompareRun.py 2022-11-16T04-21-33 DOM 4
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
1.00
0.98
0.96
0.94
0.92
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0
100
0
100
0.95
1.00


0221028_mon-CompareRun.py 2022-11-16T04-21-33 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