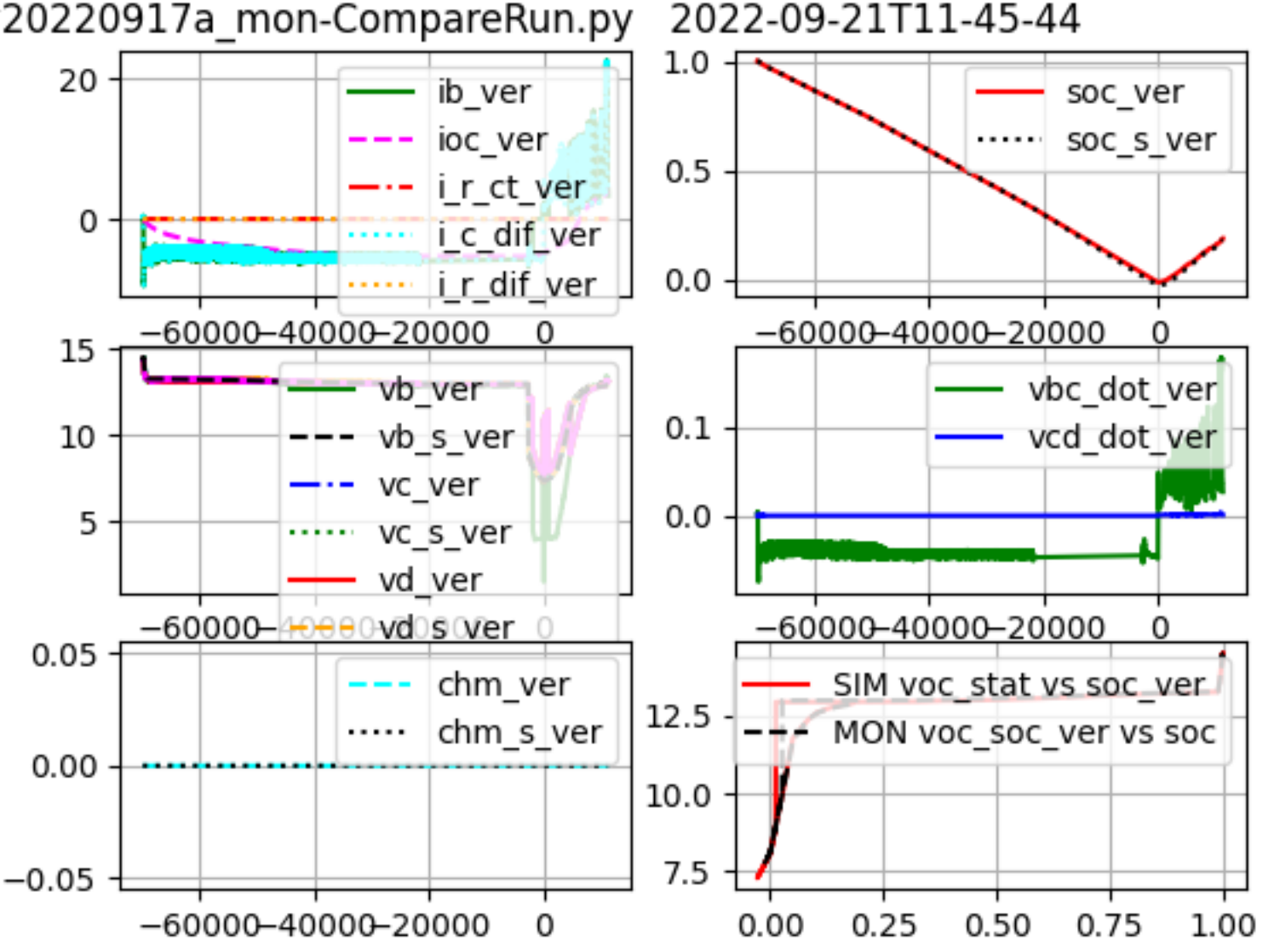
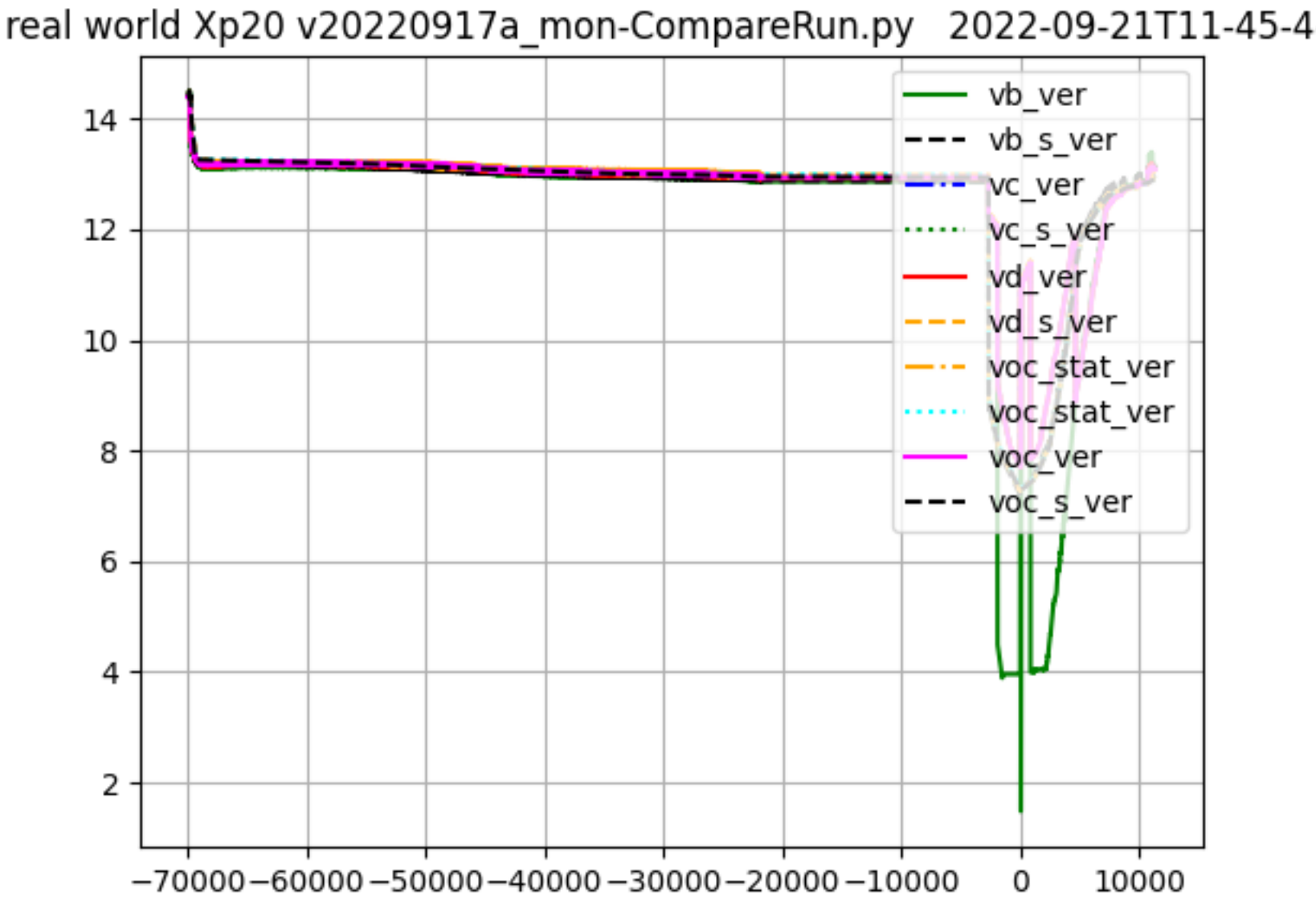
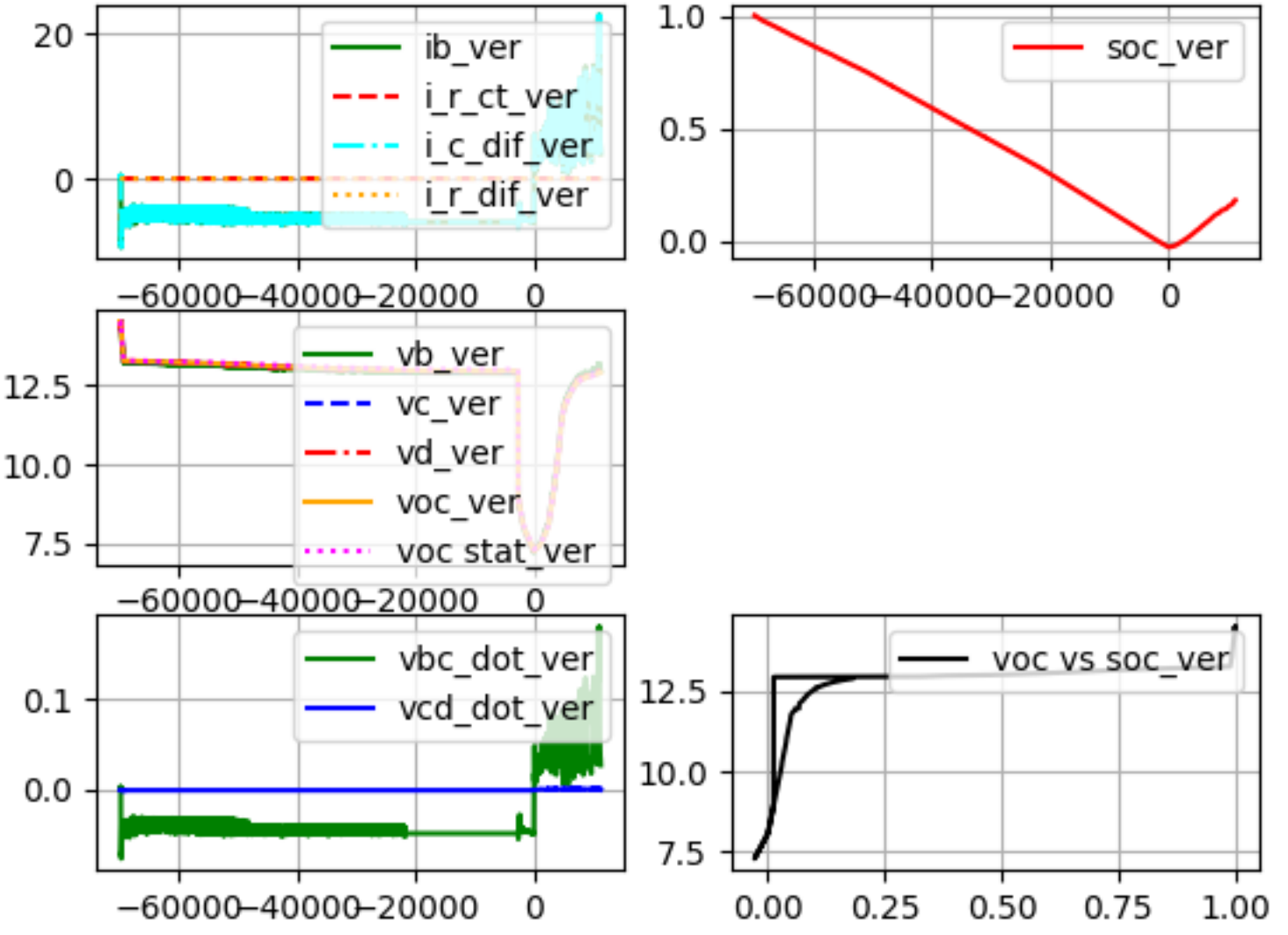
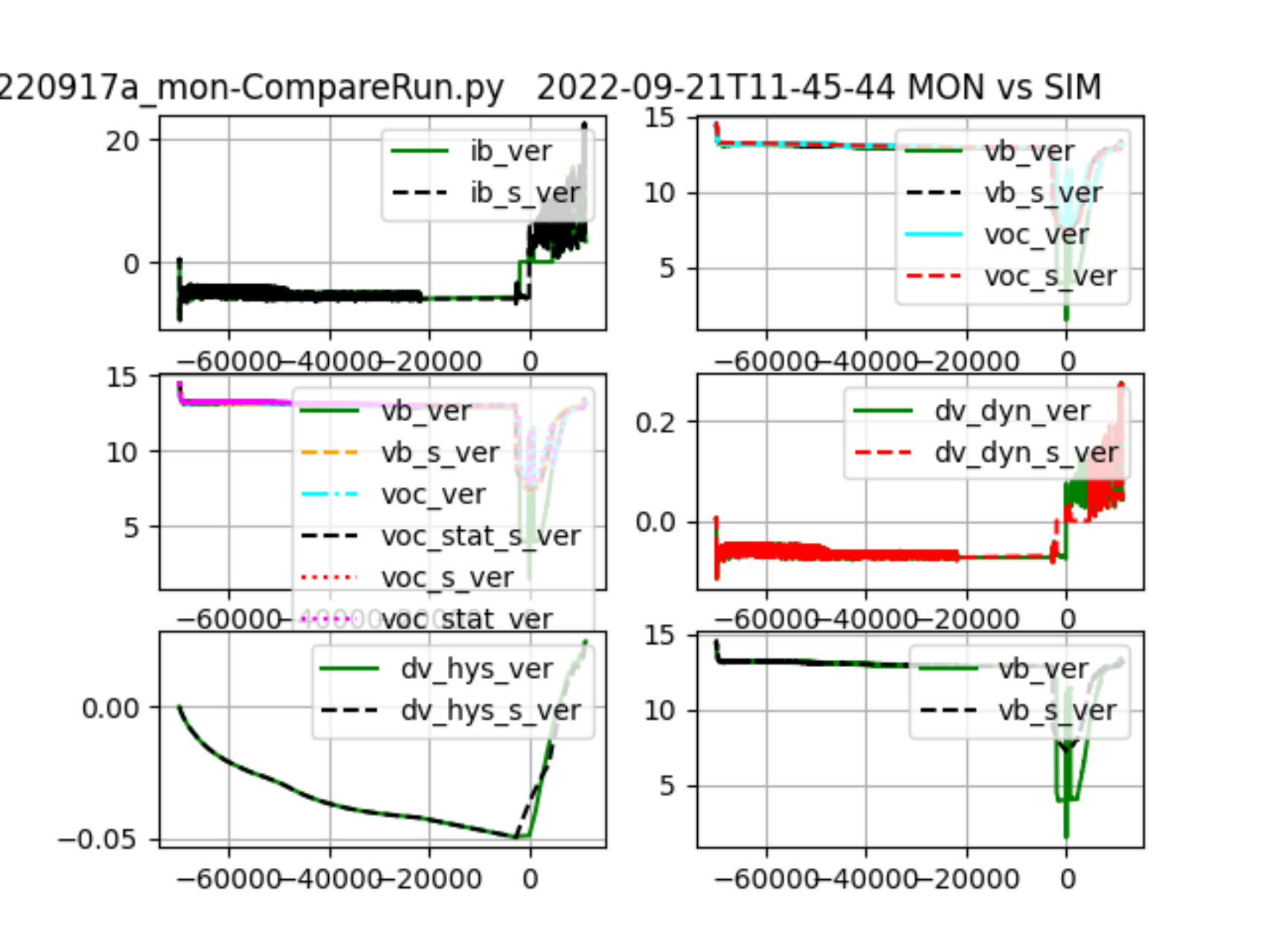
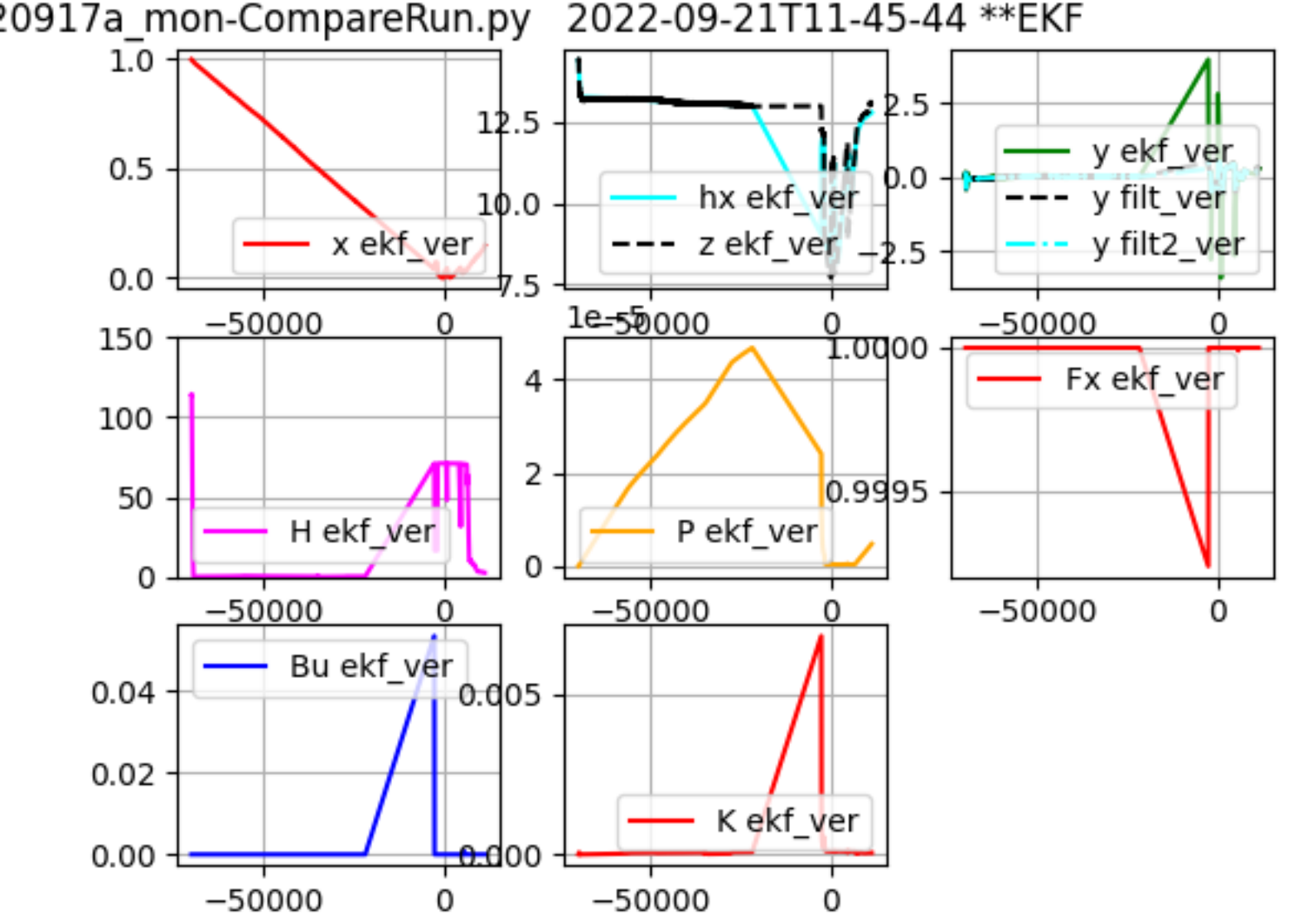

0 v20220917a_mon-CompareRun.py 2022-09-21T11-45-44
ib_ver
ioc_ver
i_r_ct_ver
i_c_dif_ver
i_r_dif_ver
soc_ver
soc_s_ver
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
vbc_dot_ver
vcd_dot_ver
chm_ver
chm_s_ver
SIM voc_stat vs soc_ver
MON voc_soc_ver vs soc

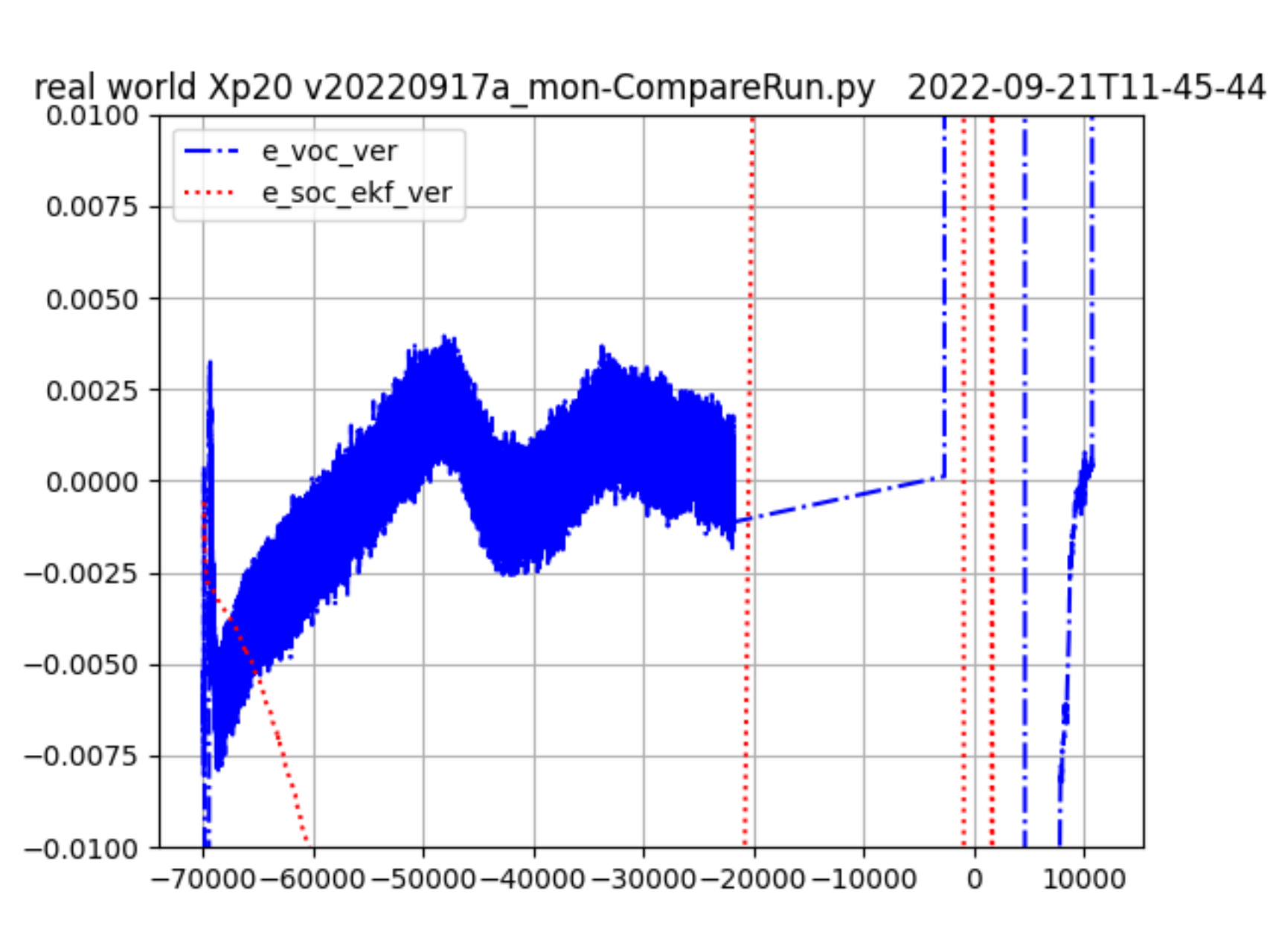

real world Xp20 v20220917a_mon-CompareRun.py 2022-09-21T11-45-44
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
voc_stat_ver
voc_stat_ver
voc_ver
voc_s_ver
14
12
10
8
6
4
2
−70000
−60000
−50000
−40000
−30000
−20000
−10000
0
10000

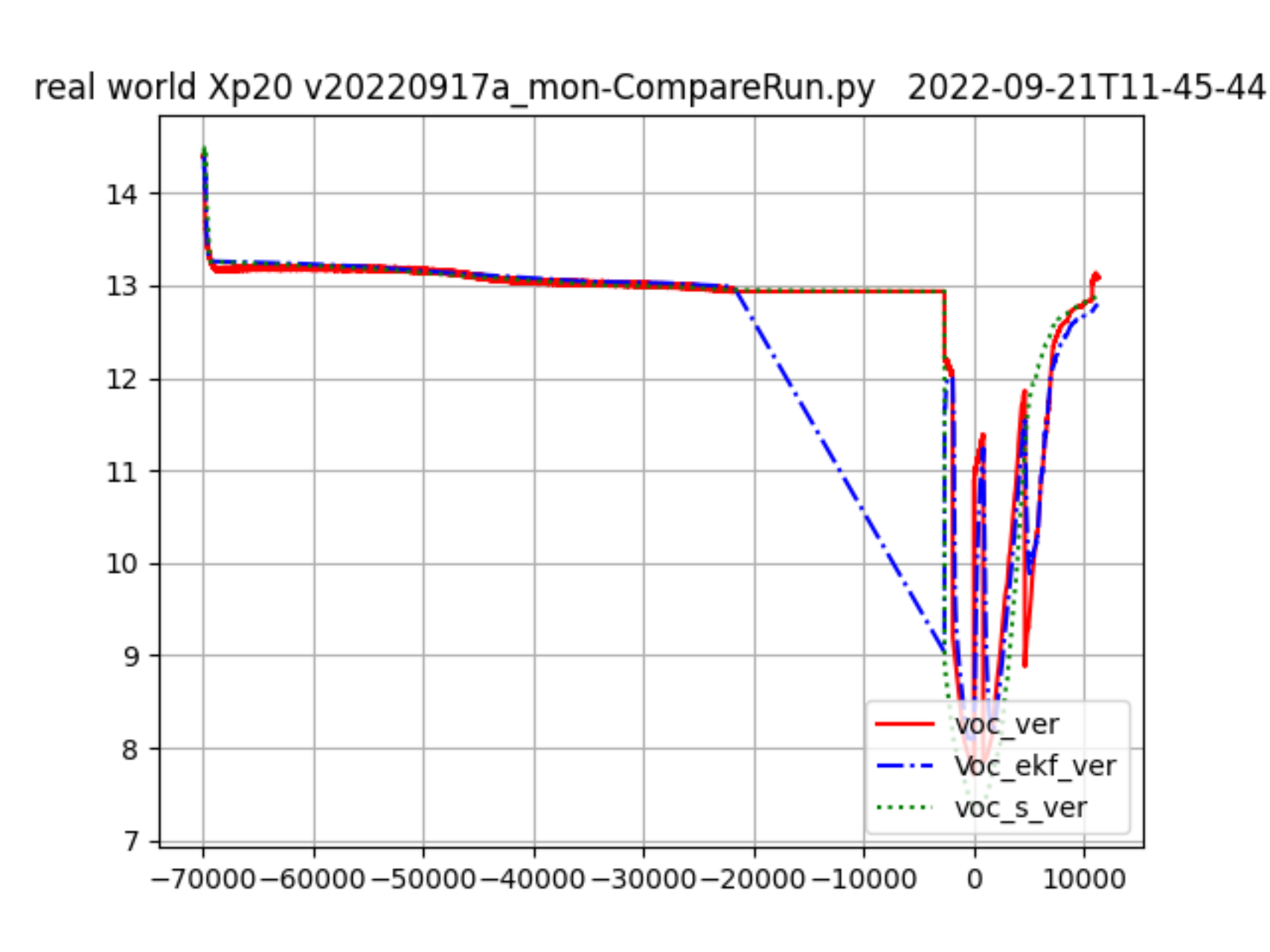
r20220917a_mon-CompareRun.py 2022-09-21T11-45-44 **SIM

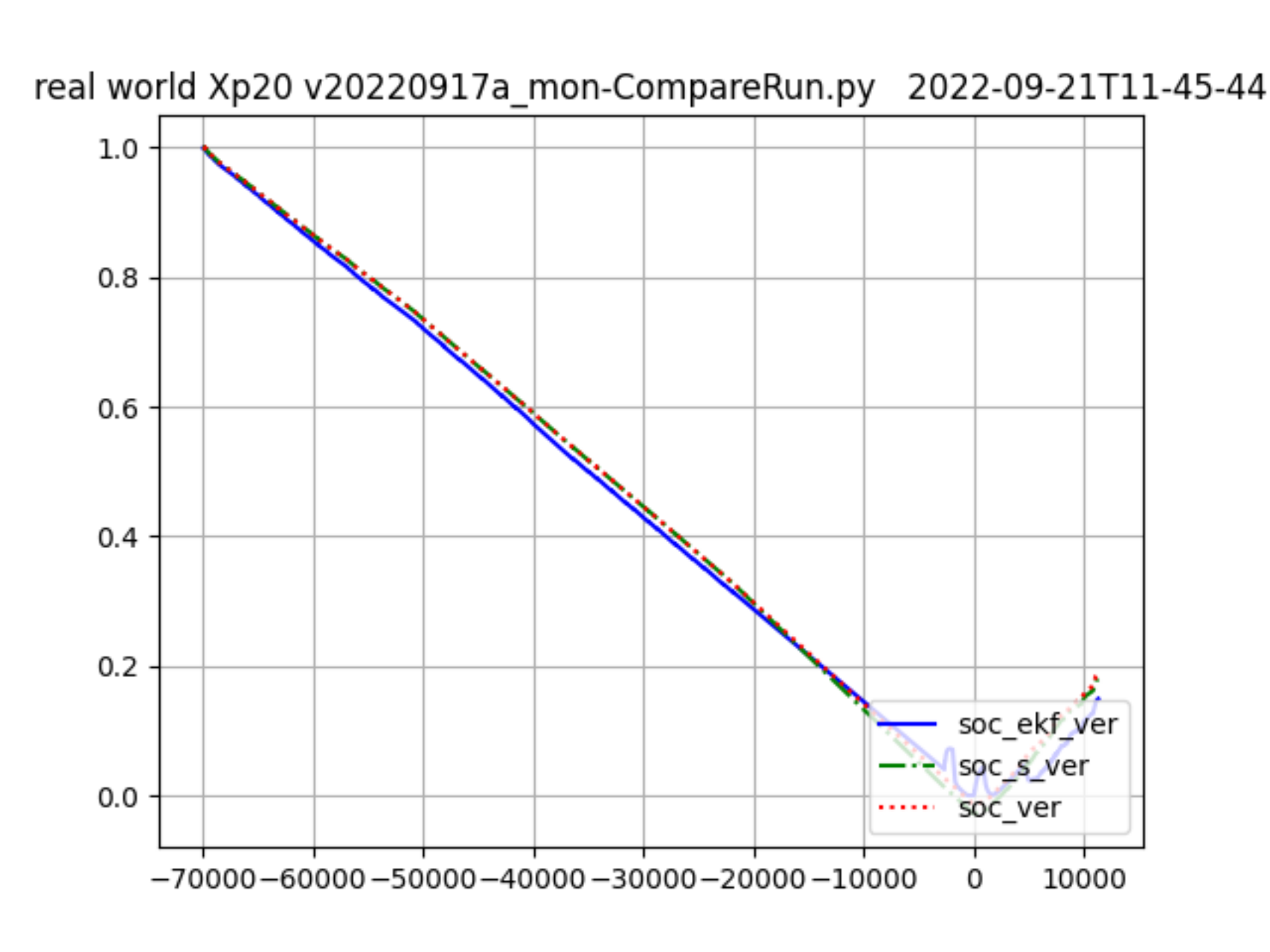


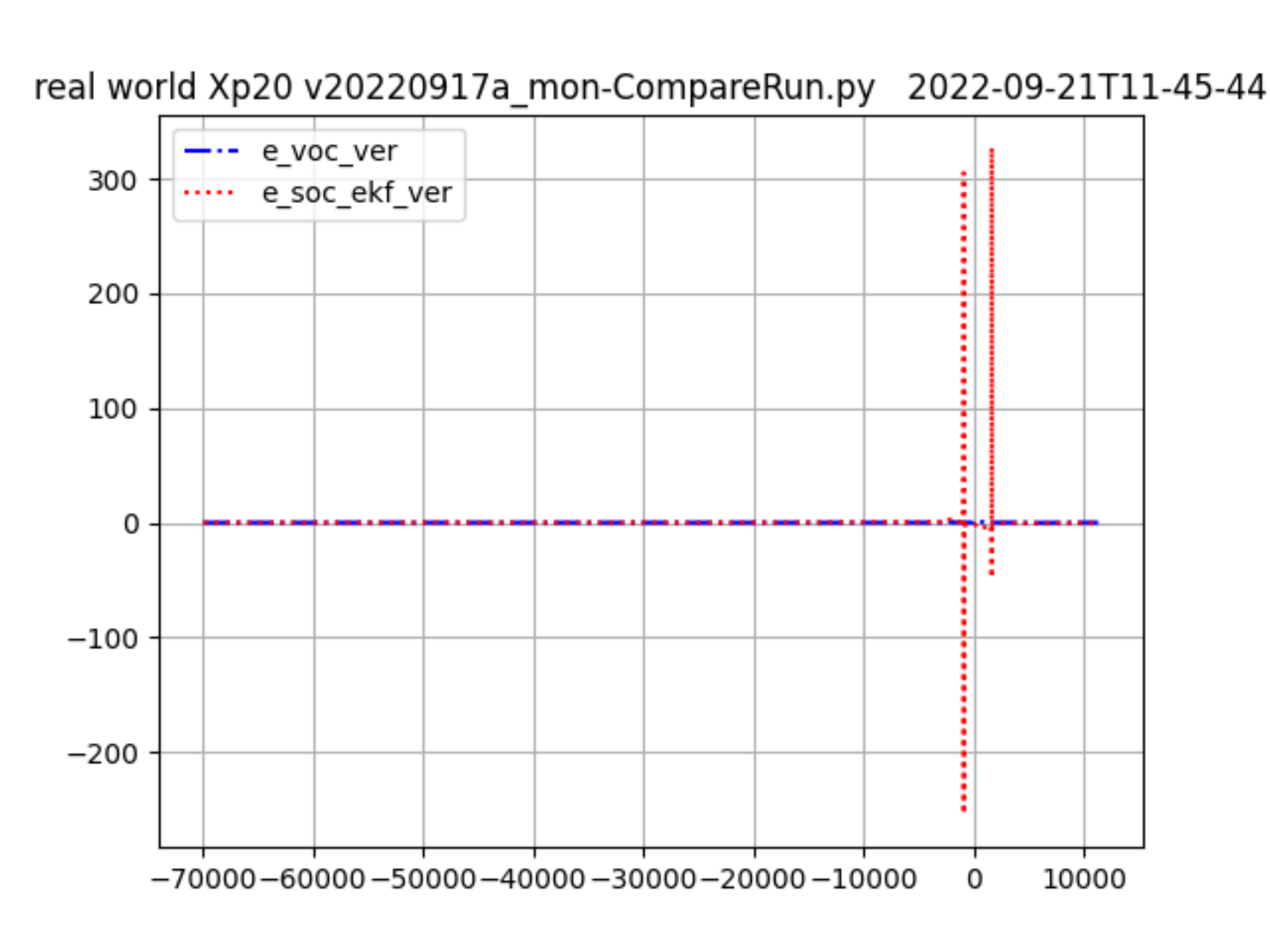

220917a_mon-CompareRun.py 2022-09-21T11-45-44 MON vs SIM
ib_ver
ib_s_ver
vb_ver
vb_s_ver
voc_ver
voc_s_ver
vb_ver
vb_s_ver
voc_ver
voc_stat_s_ver
voc_s_ver
voc_stat_ver
dv_dyn_ver
dv_dyn_s_ver
dv_hys_ver
dv_hys_s_ver
vb_ver
vb_s_ver
−60000 −40000 −20000 0


20917a_mon-CompareRun.py 2022-09-21T11-45-44 **EKF
x ekf_ver
hx ekf_ver
z ekf_ver
y ekf_ver
y filt_ver
y filt2_ver
H ekf_ver
P ekf_ver
Fx ekf_ver
Bu ekf_ver
K ekf_ver
1e−5


real world Xp20 v20220917a_mon-CompareRun.py 2022-09-21T11-45-44
e_voc_ver
e_soc_ekf_ver
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.0100
−70000
−60000
−50000
−40000
−30000
−20000
−10000
0
10000


real world Xp20 v20220917a_mon-CompareRun.py 2022-09-21T11-45-44
14
13
12
11
10
9
8
7
−70000
−60000
−50000
−40000
−30000
−20000
−10000
0
10000
voc_ver
Voc_ekf_ver
voc_s_ver


real world Xp20 v20220917a_mon-CompareRun.py 2022-09-21T11-45-44
1.0
0.8
0.6
0.4
0.2
0.0
−70000
−60000
−50000
−40000
−30000
−20000
−10000
0
10000
soc_ekf_ver
soc_s_ver
soc_ver


real world Xp20 v20220917a_mon-CompareRun.py 2022-09-21T11-45-44
e_voc_ver
e_soc_ekf_ver
300
200
100
0
−100
−200
−70000
−60000
−50000
−40000
−30000
−20000
−10000
0
10000