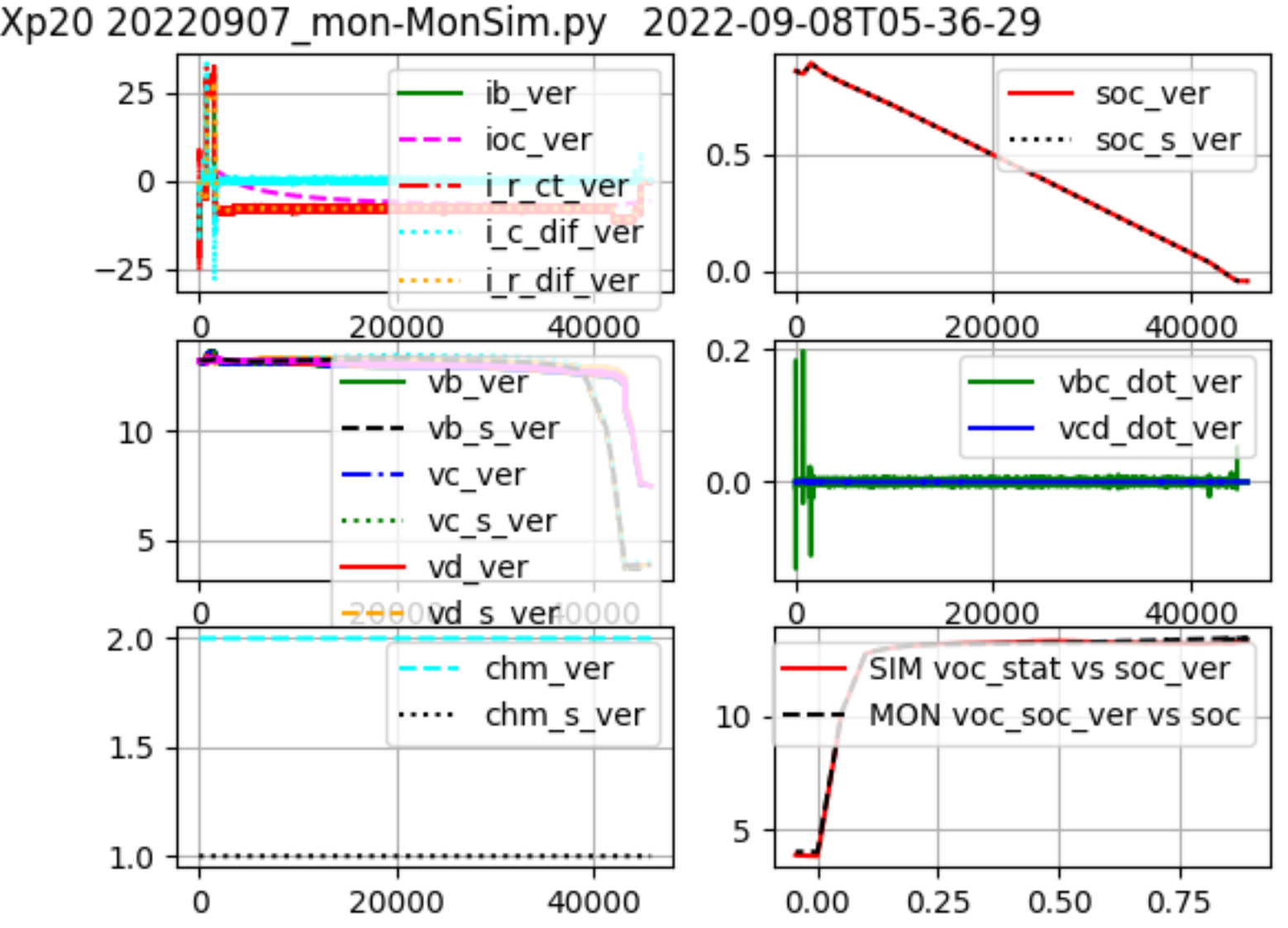
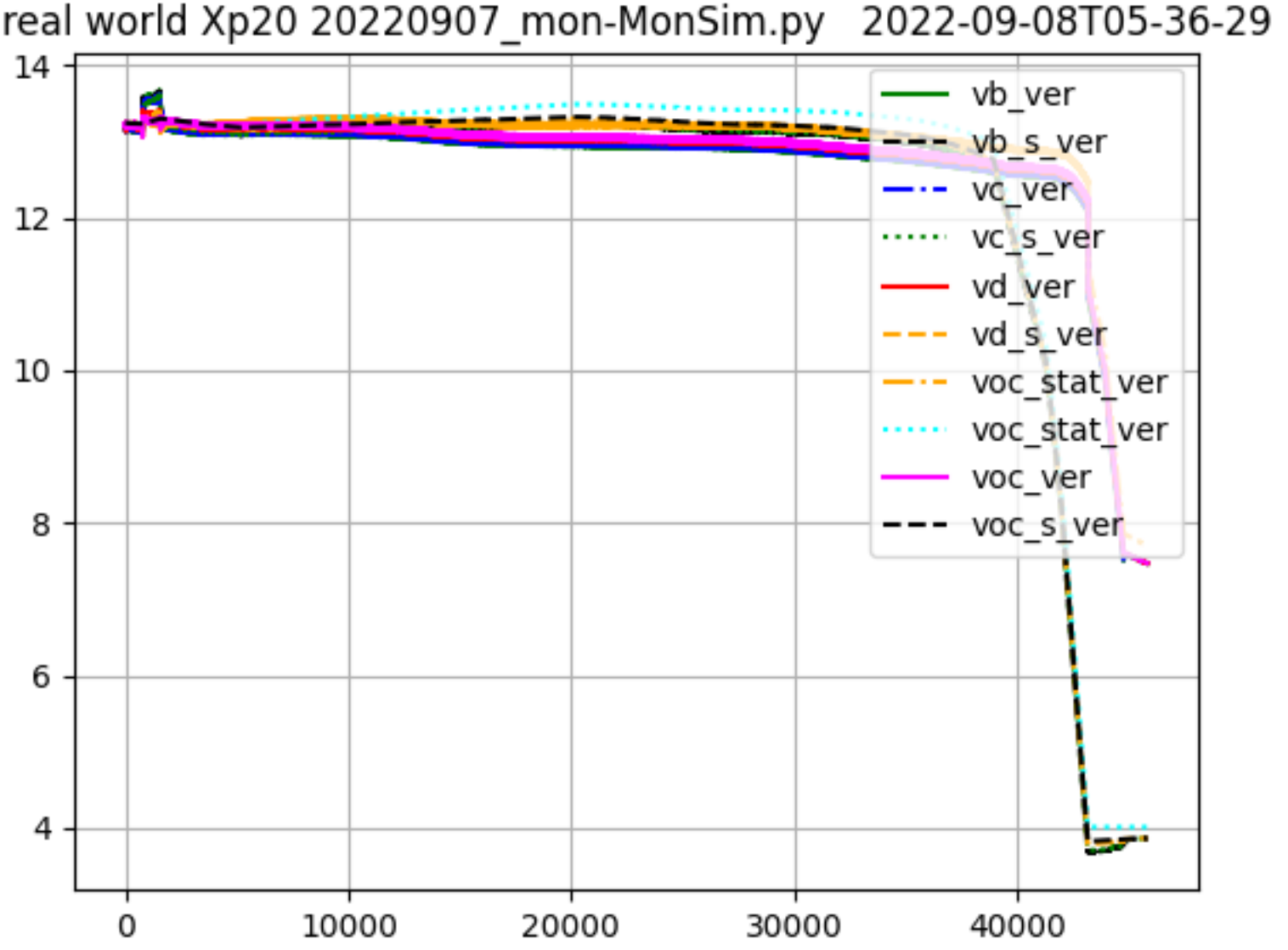
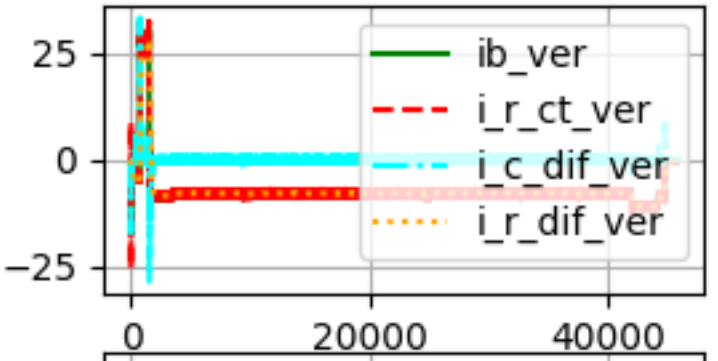
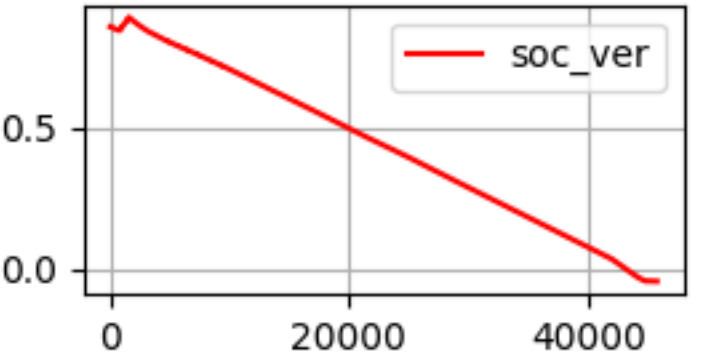
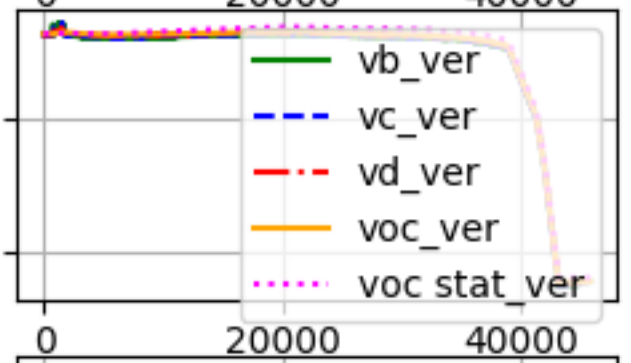

Xp20 20220907_mon-MonSim.py 2022-09-08T05-36-29
ib_ver
ioc_ver
i_r_ct_ver
i_c_dif_ver
i_r_dif_ver
soc_ver
soc_s_ver
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
vbc_dot_ver
vcd_dot_ver
chm_ver
chm_s_ver
SIM voc_stat vs soc_ver
MON voc_soc_ver vs soc

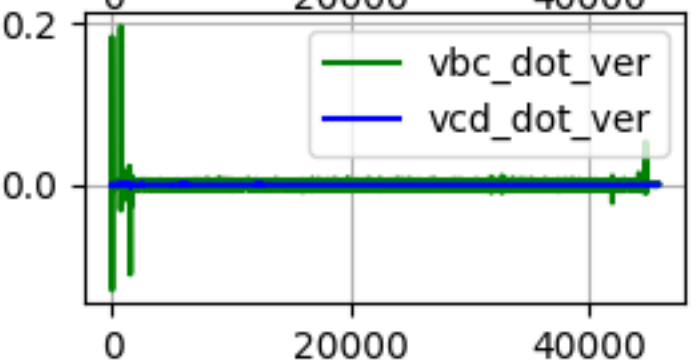

real world Xp20 20220907_mon-MonSim.py 2022-09-08T05-36-29
14
12
10
8
6
4
0
10000
20000
30000
40000
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
voc_stat_ver
voc_stat_ver
voc_ver
voc_s_ver

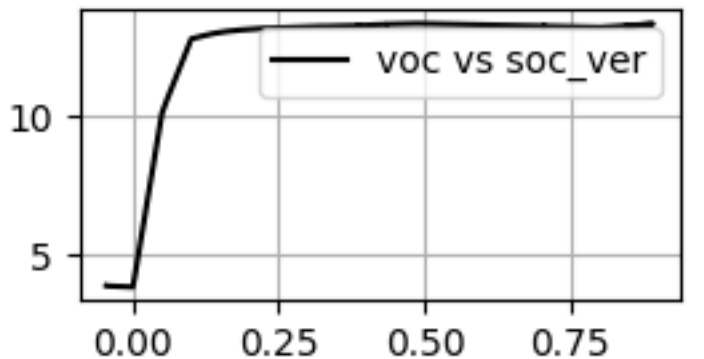
20 20220907_mon-MonSim.py 2022-09-08T05-36-29 **SIM

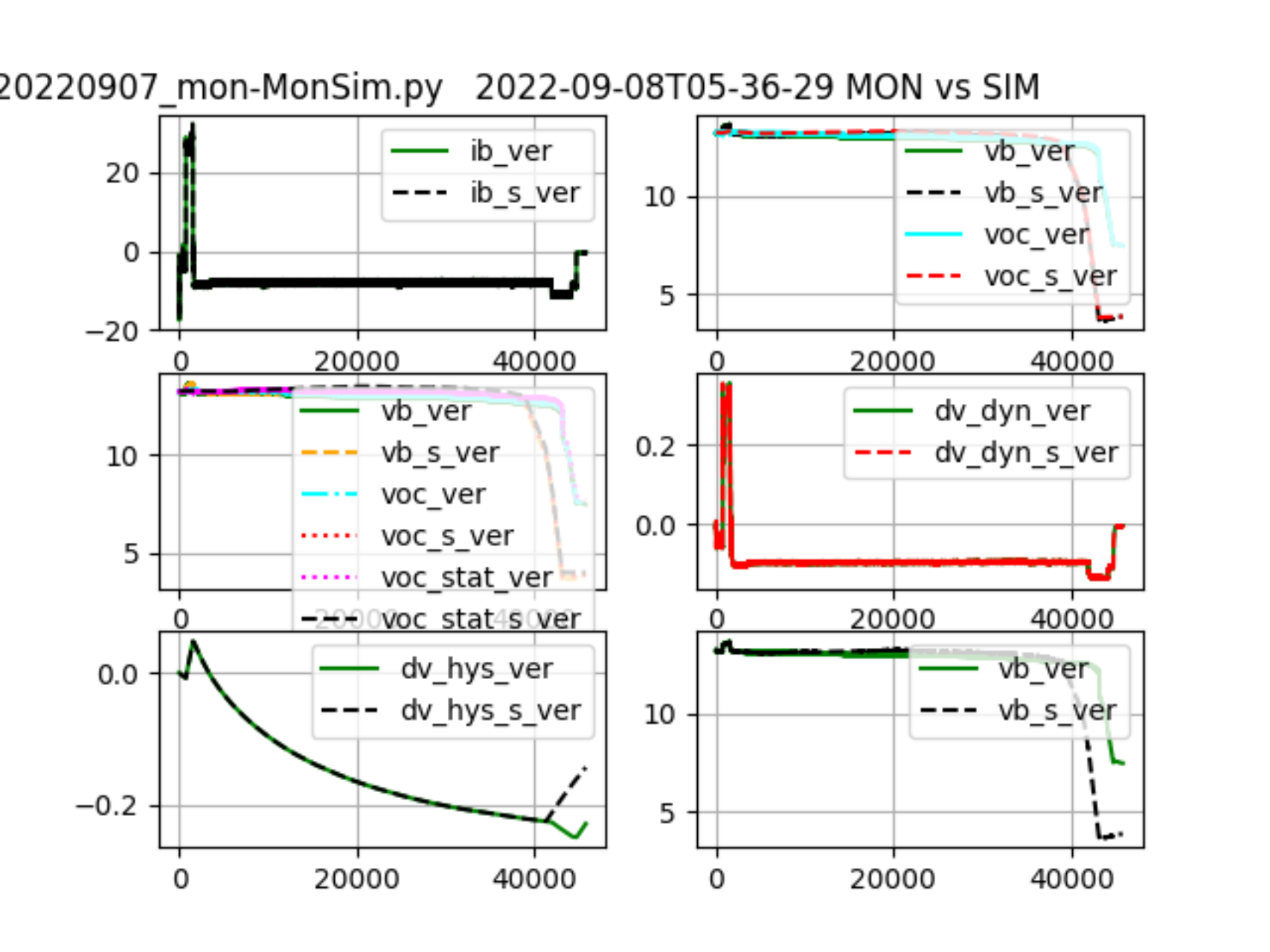


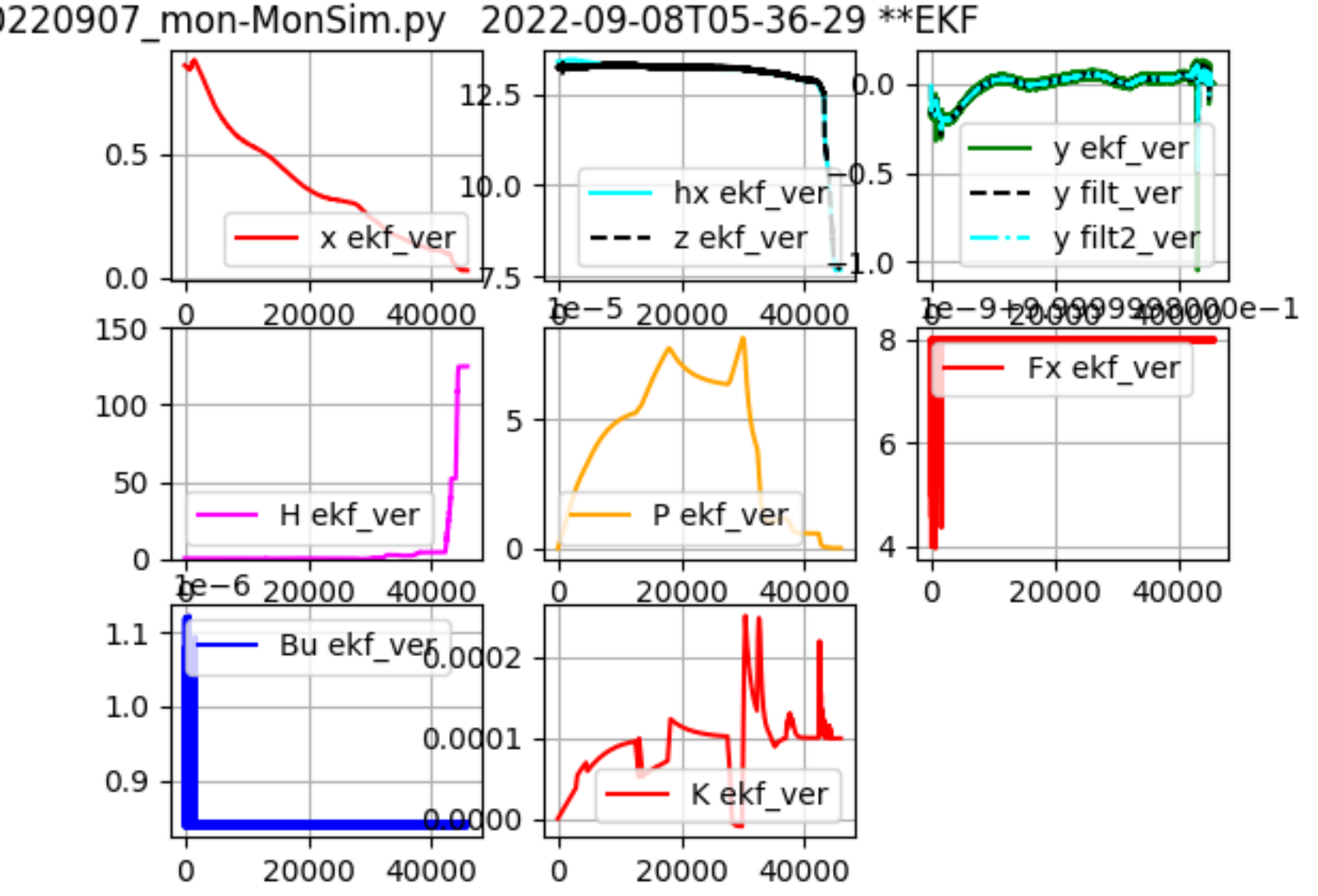


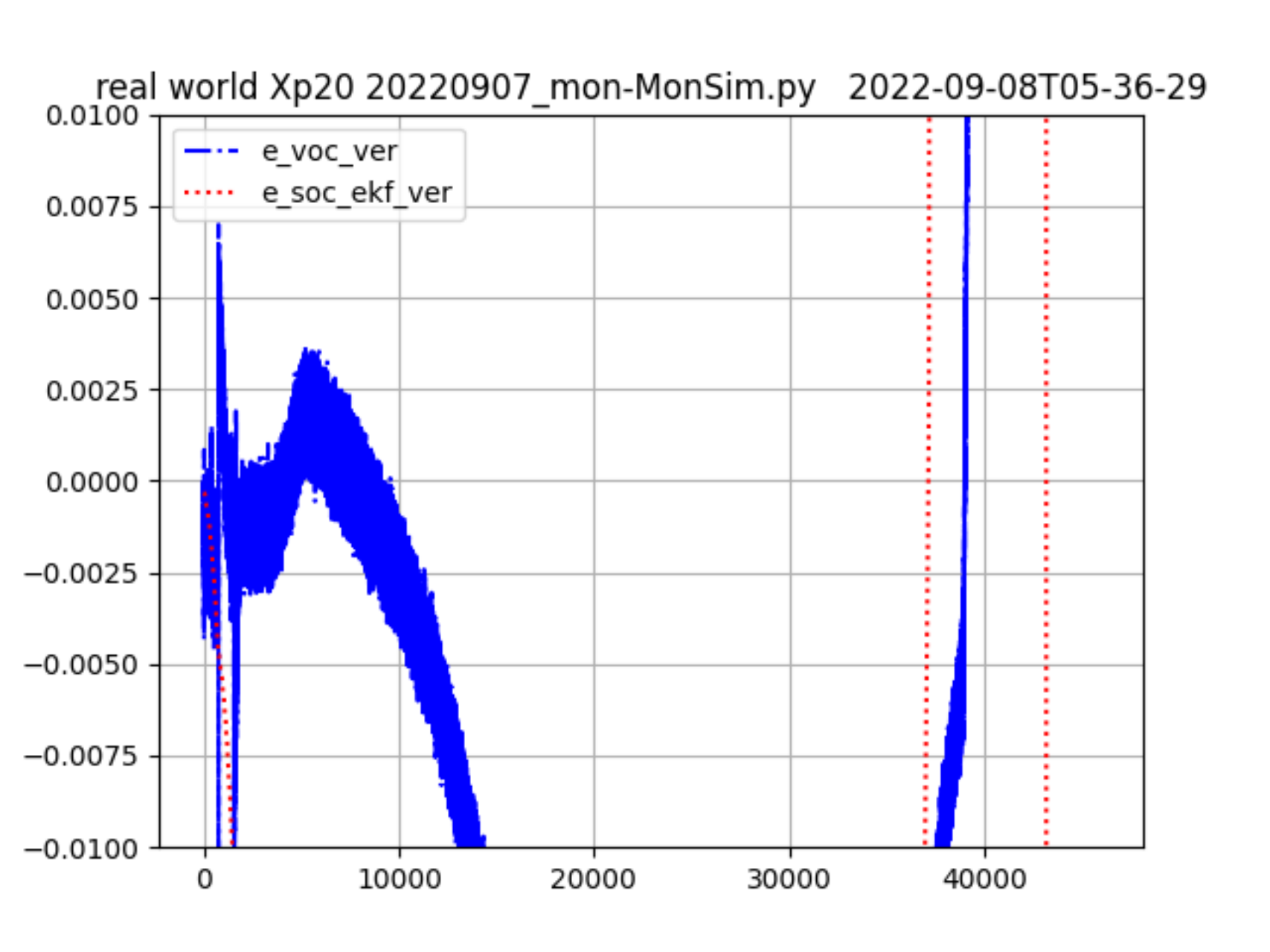


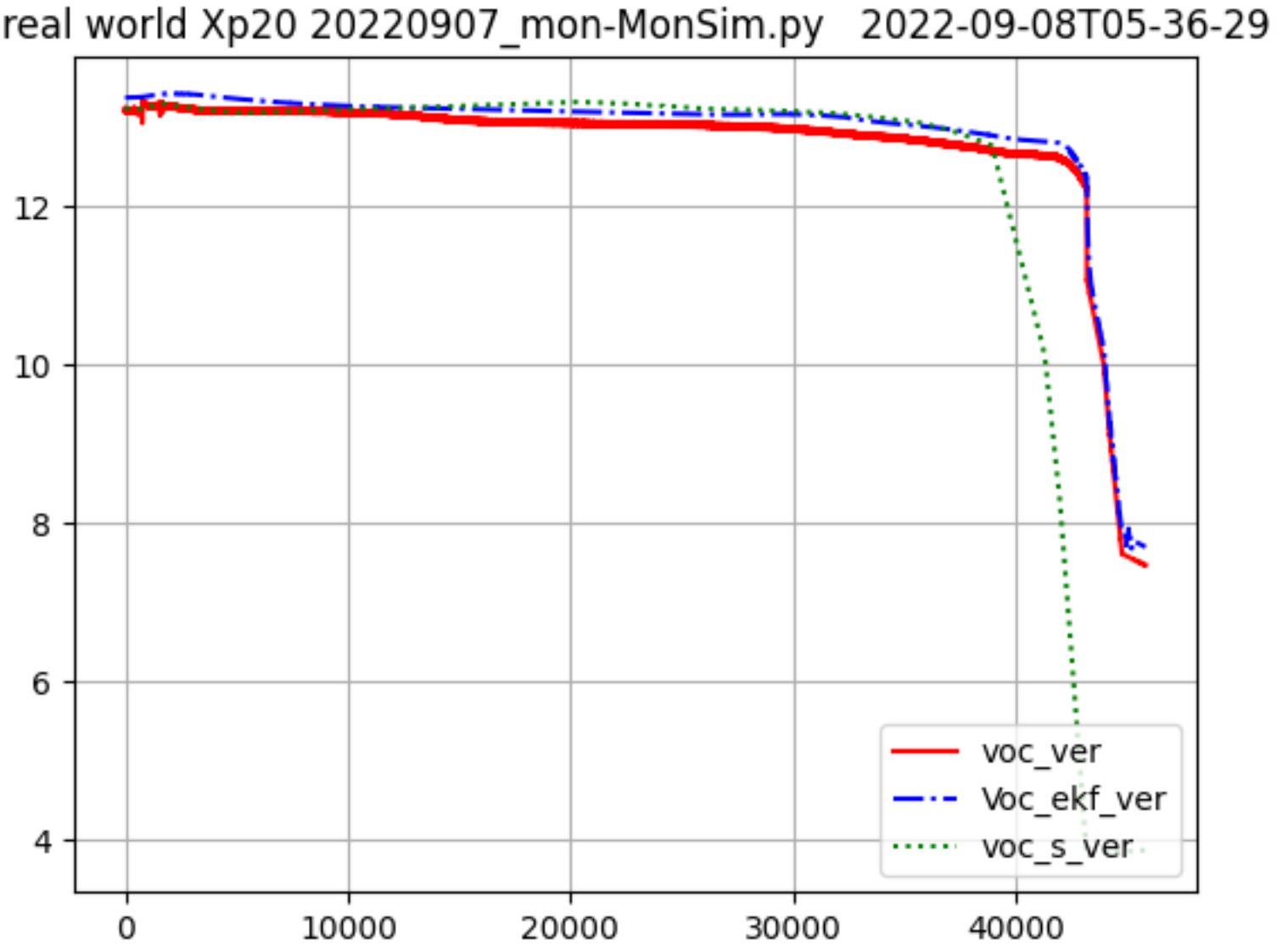


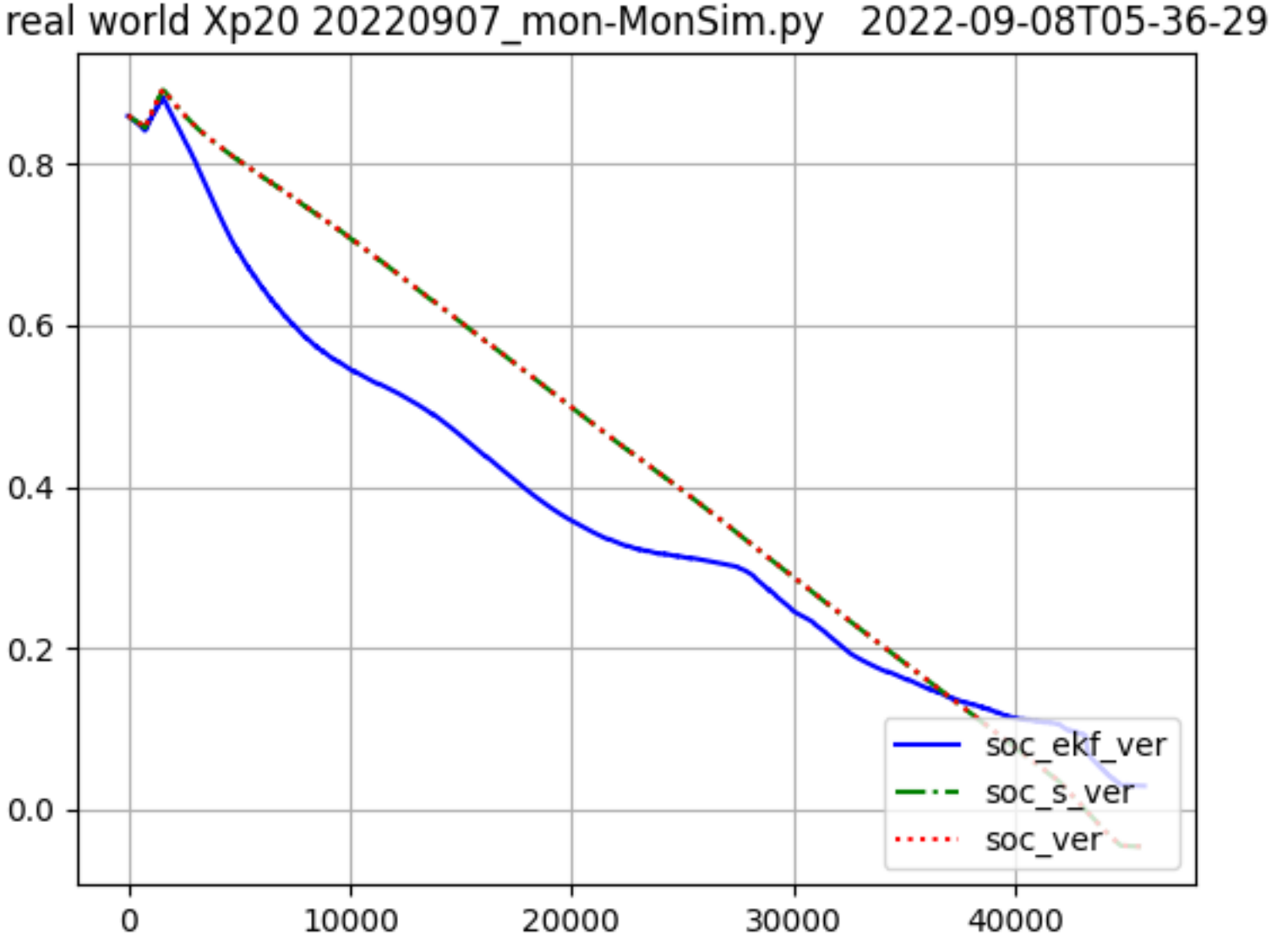


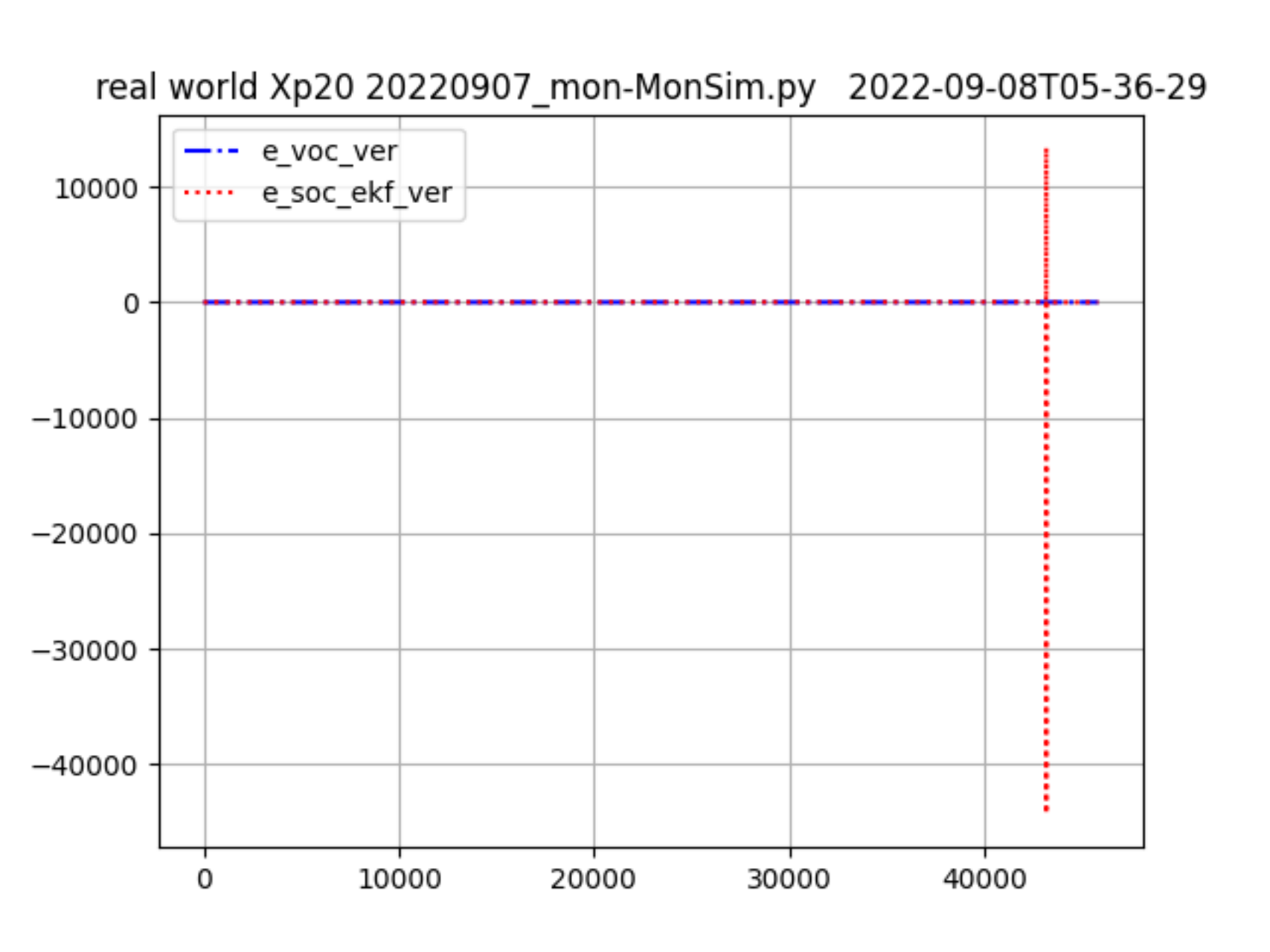

20220907_mon-MonSim.py 2022-09-08T05-36-29 MON vs SIM
ib_ver
ib_s_ver
vb_ver
vb_s_ver
voc_ver
voc_s_ver
vb_ver
vb_s_ver
voc_ver
voc_s_ver
voc_stat_ver
voc_stat_s_ver
dv_dyn_ver
dv_dyn_s_ver
dv_hys_ver
dv_hys_s_ver
vb_ver
vb_s_ver
0
20000
40000


0220907_mon-MonSim.py 2022-09-08T05-36-29 **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
1e−9 + 9.9999998000e−1
1e−6


real world Xp20 20220907_mon-MonSim.py 2022-09-08T05-36-29
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
0
10000
20000
30000
40000


real world Xp20 20220907_mon-MonSim.py 2022-09-08T05-36-29
12
10
8
6
4
0
10000
20000
30000
40000
voc_ver
Voc_ekf_ver
voc_s_ver


real world Xp20 20220907_mon-MonSim.py 2022-09-08T05-36-29
0.8
0.6
0.4
0.2
0.0
0
10000
20000
30000
40000
soc_ekf_ver
soc_s_ver
soc_ver


real world Xp20 20220907_mon-MonSim.py 2022-09-08T05-36-29
e_voc_ver
e_soc_ekf_ver
10000
0
−10000
−20000
−30000
−40000
0
10000
20000
30000
40000