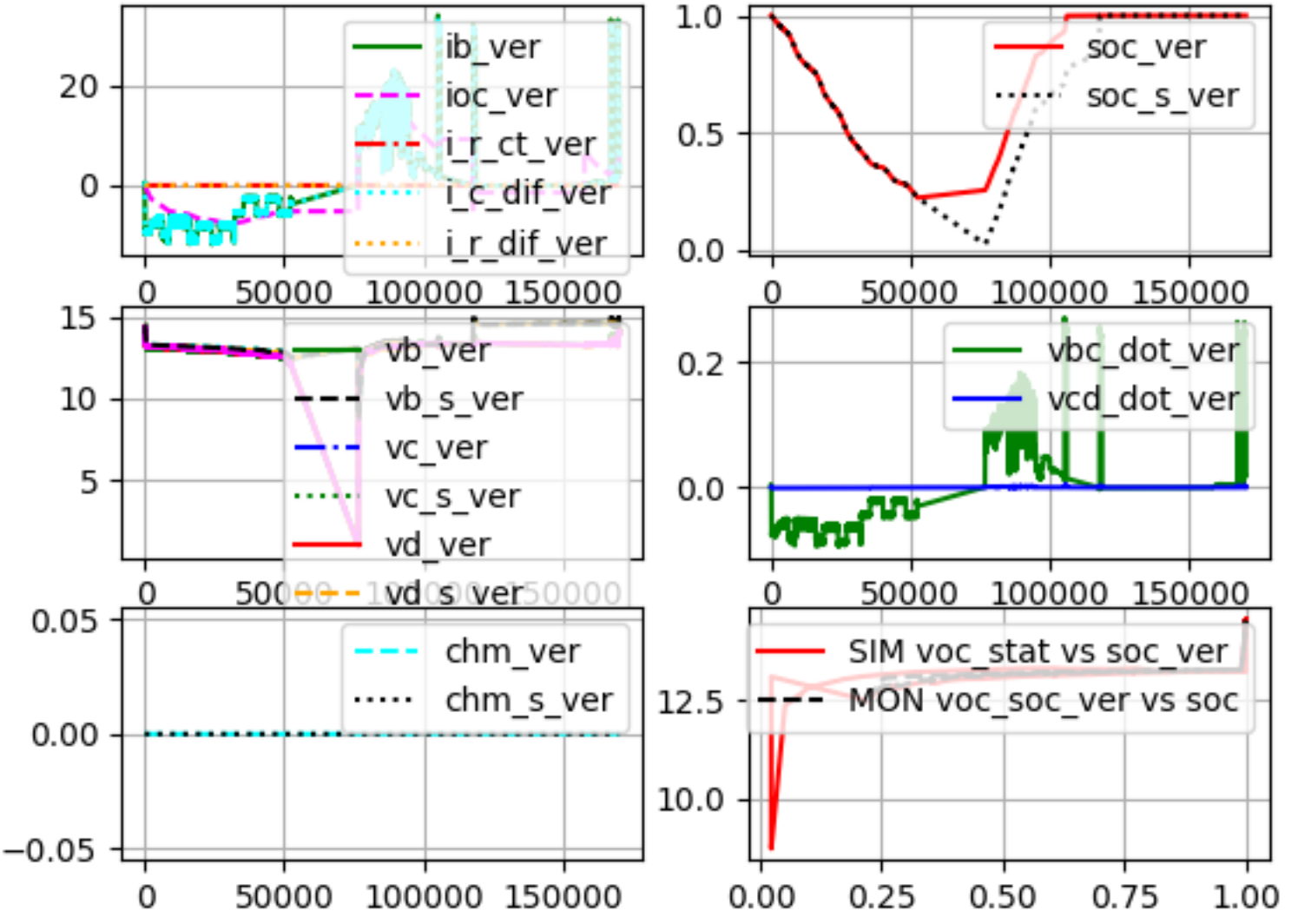
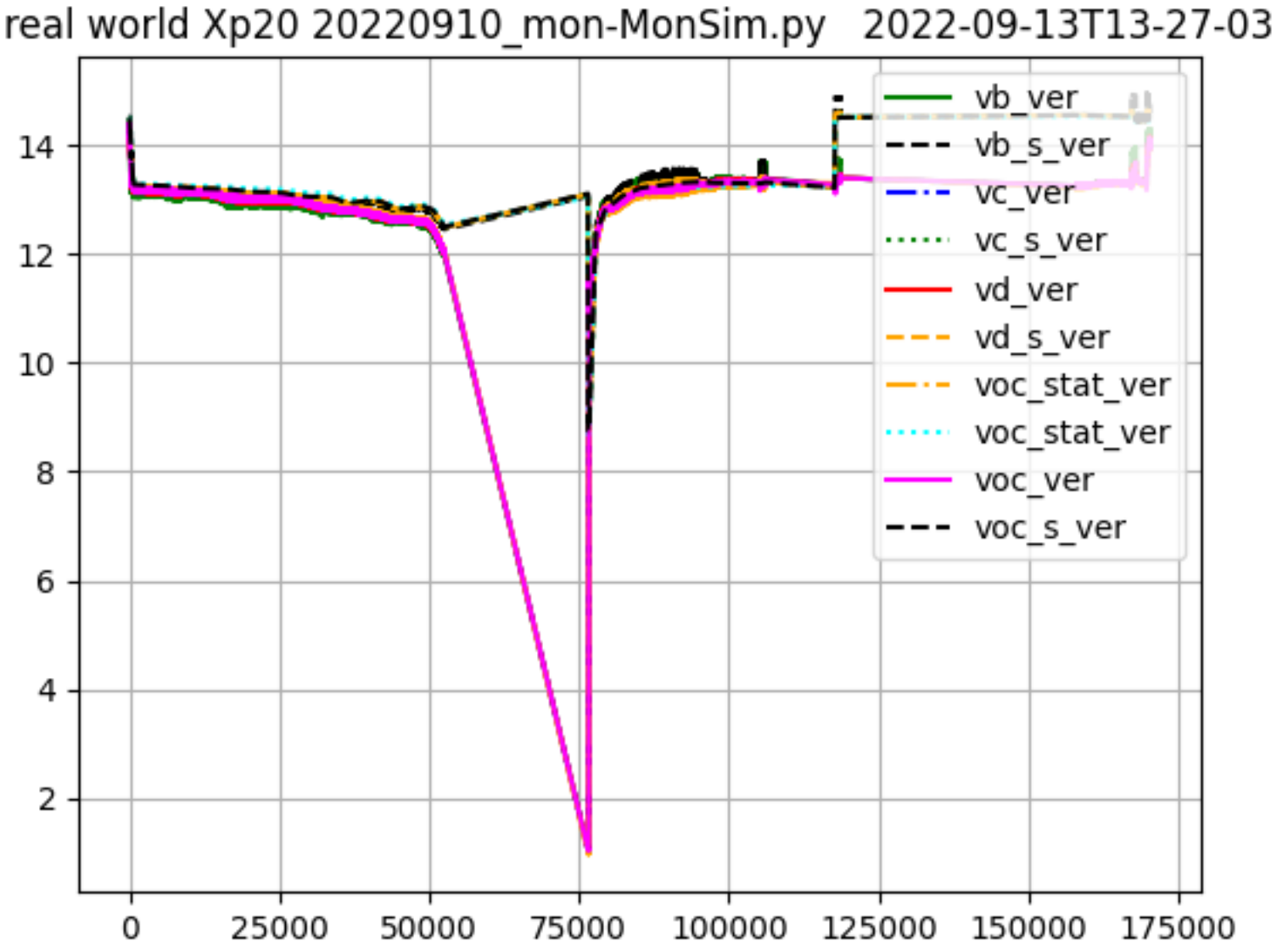
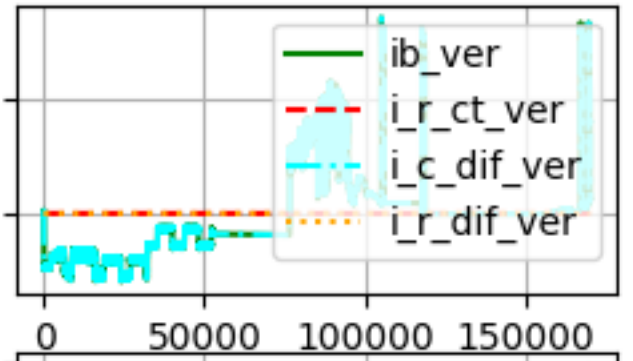
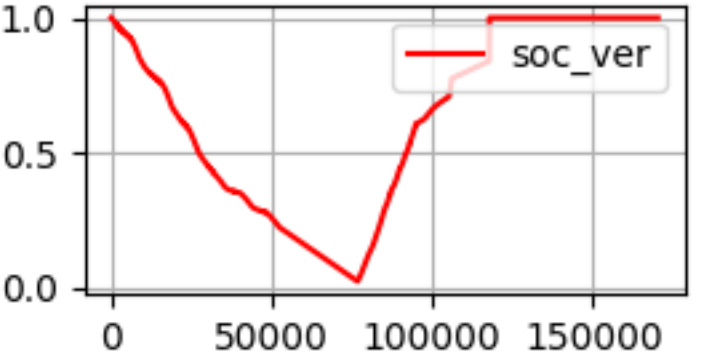
Xp20 20220910_mon-MonSim.py 2022-09-13T13-27-03

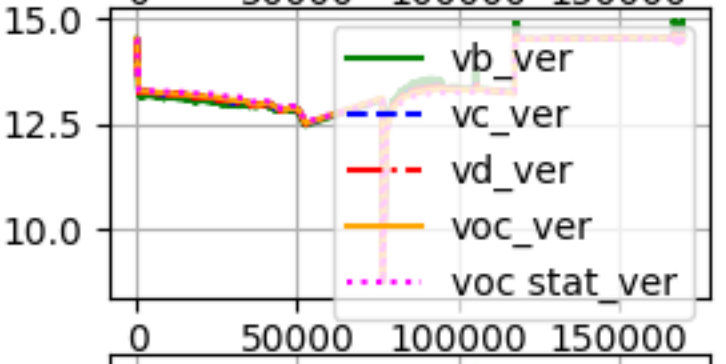


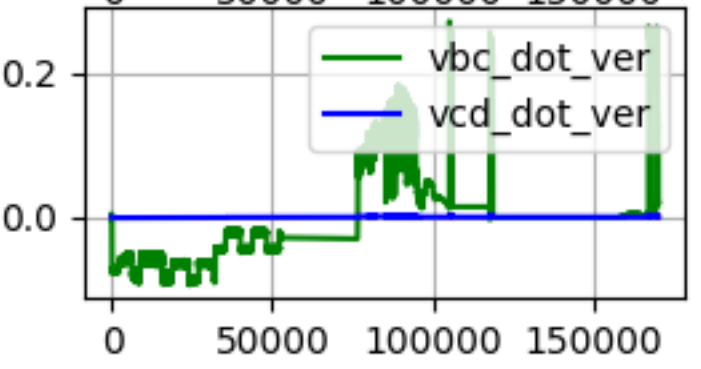

real world Xp20 20220910_mon-MonSim.py 2022-09-13T13-27-03
vb_ver
vb_s_ver
vc_ver
vc_s_ver
vd_ver
vd_s_ver
voc_stat_ver
voc_stat_ver
voc_ver
voc_s_ver
14
12
10
8
6
4
2
0
25000
50000
75000
100000
125000
150000
175000

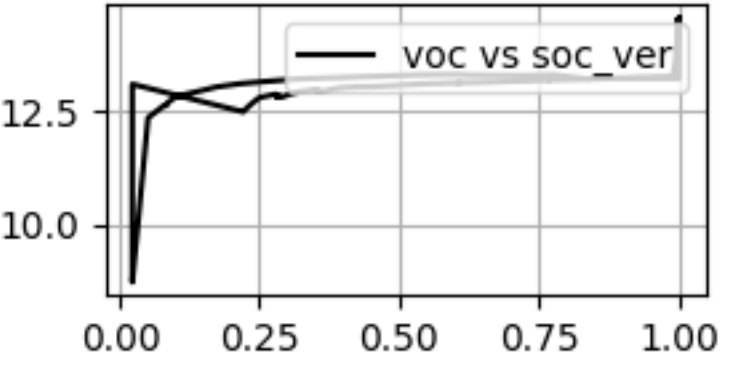
20 20220910_mon-MonSim.py 2022-09-13T13-27-03 **SIM

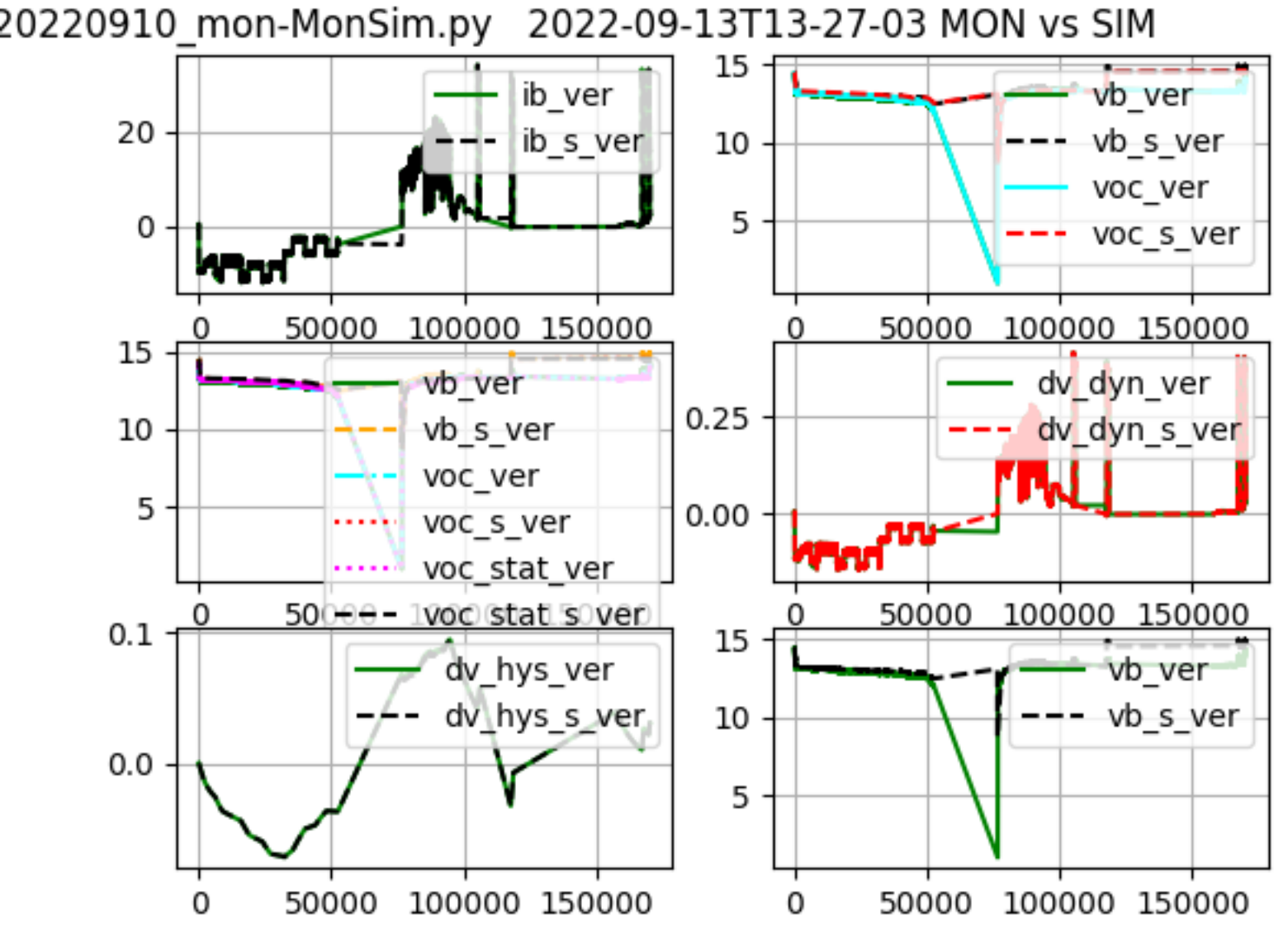


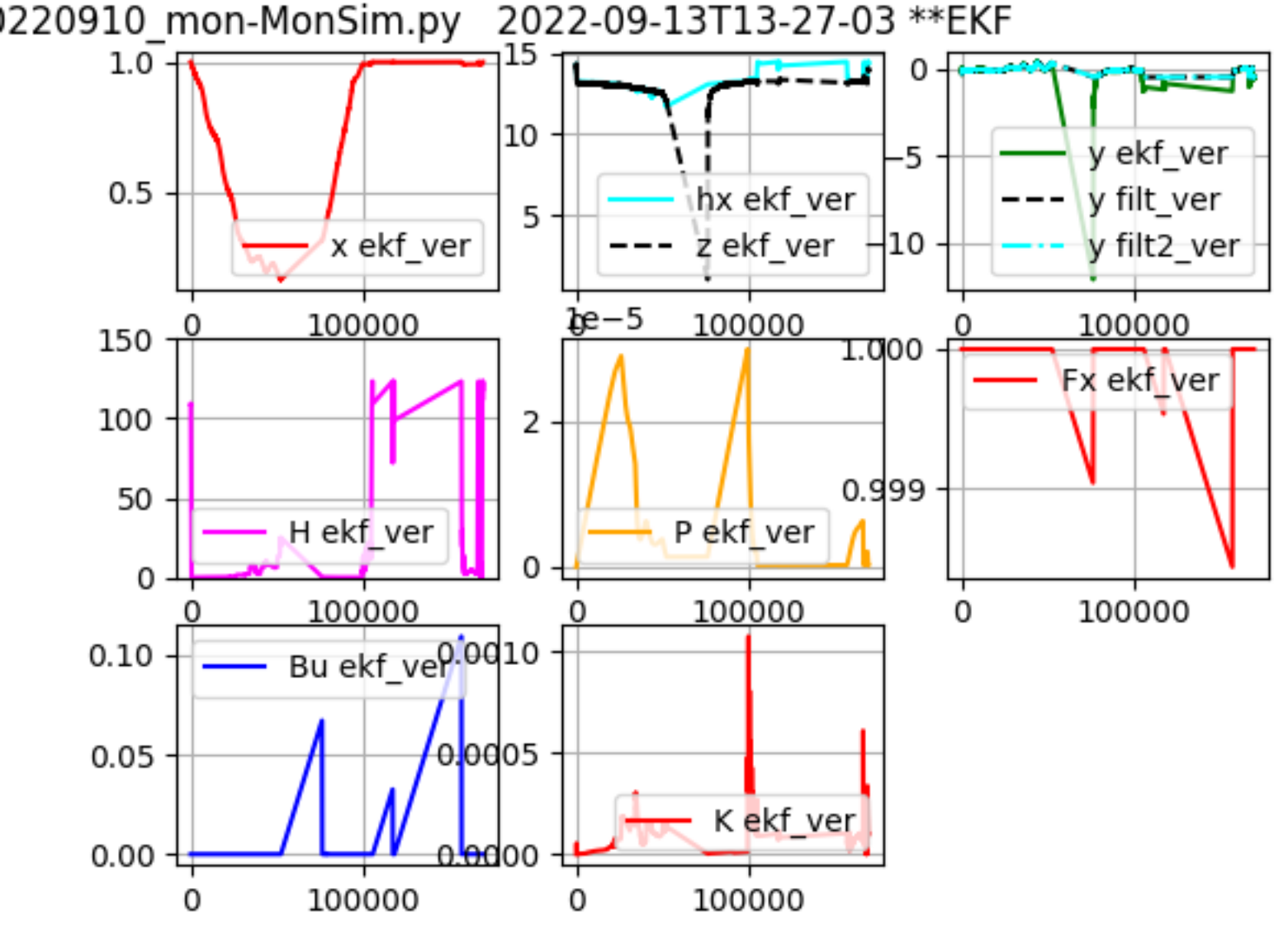


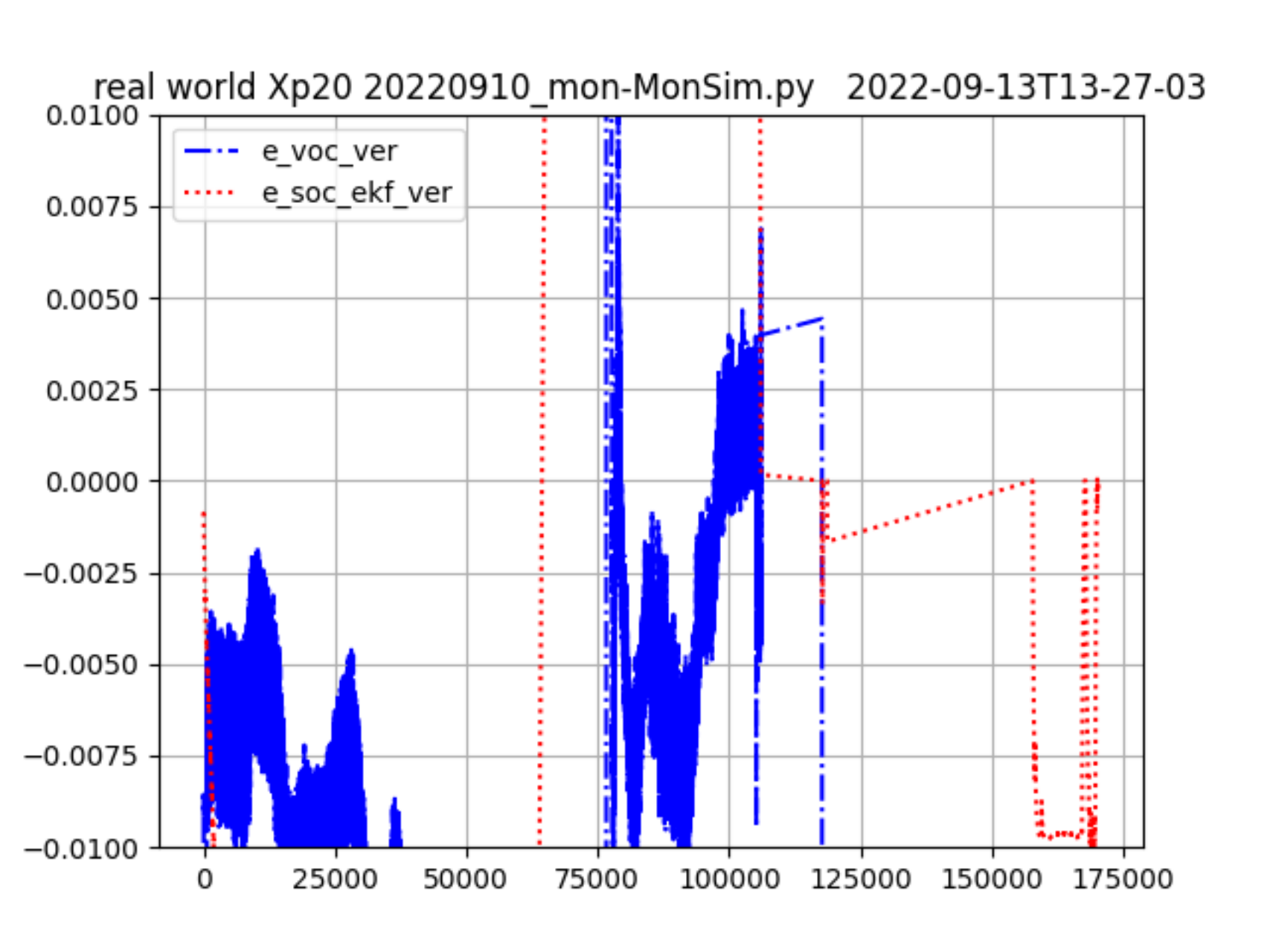


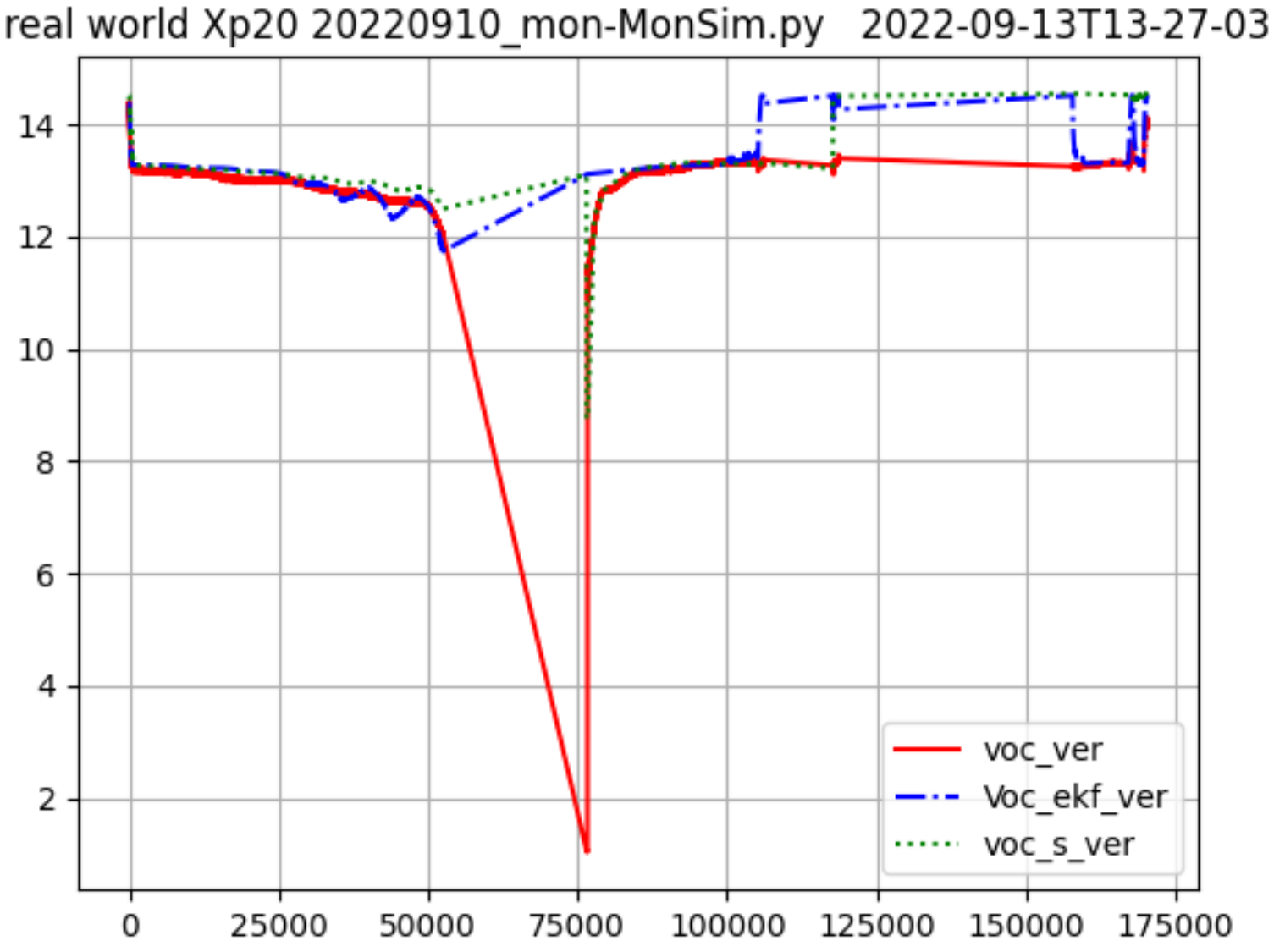


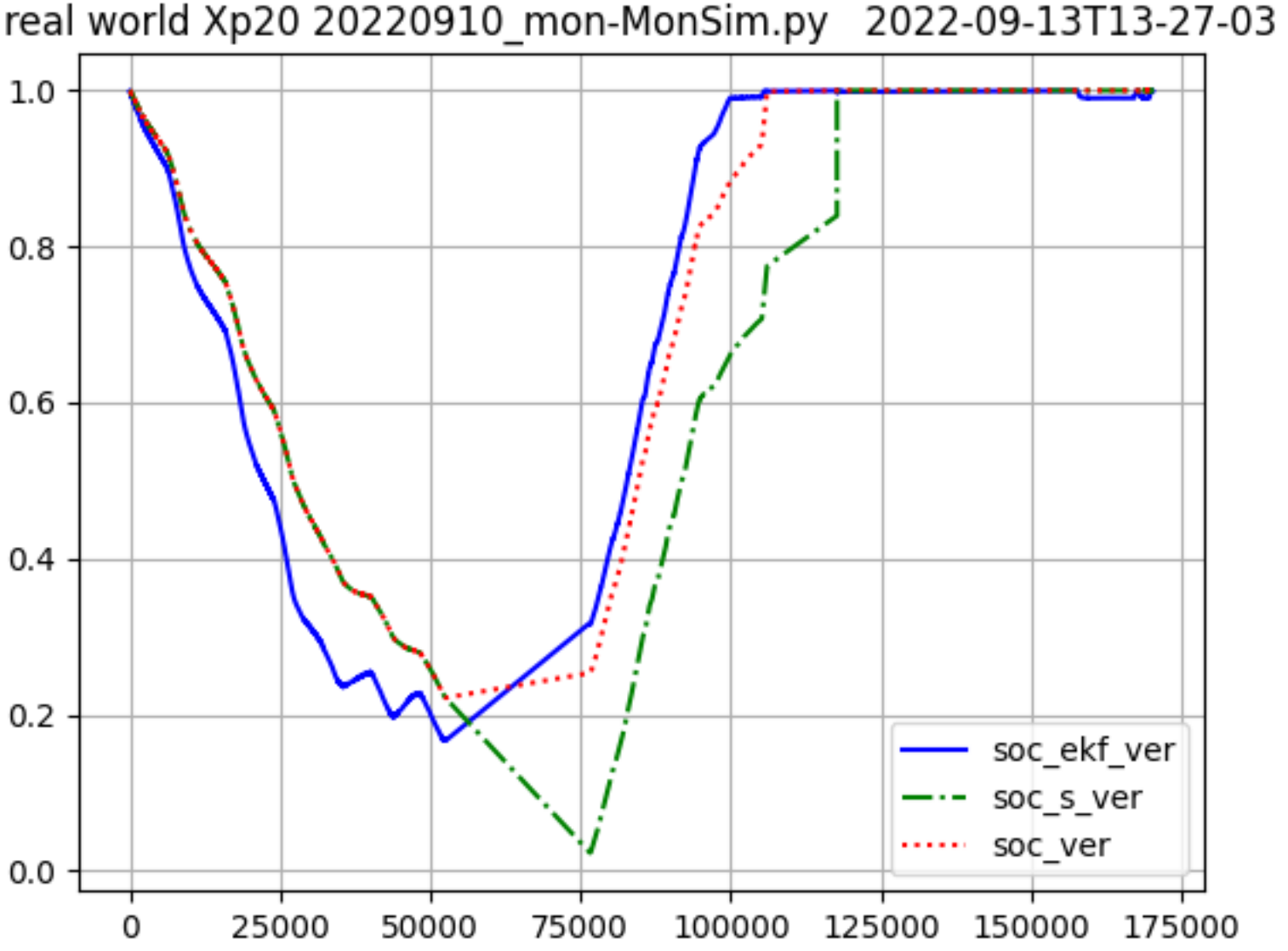


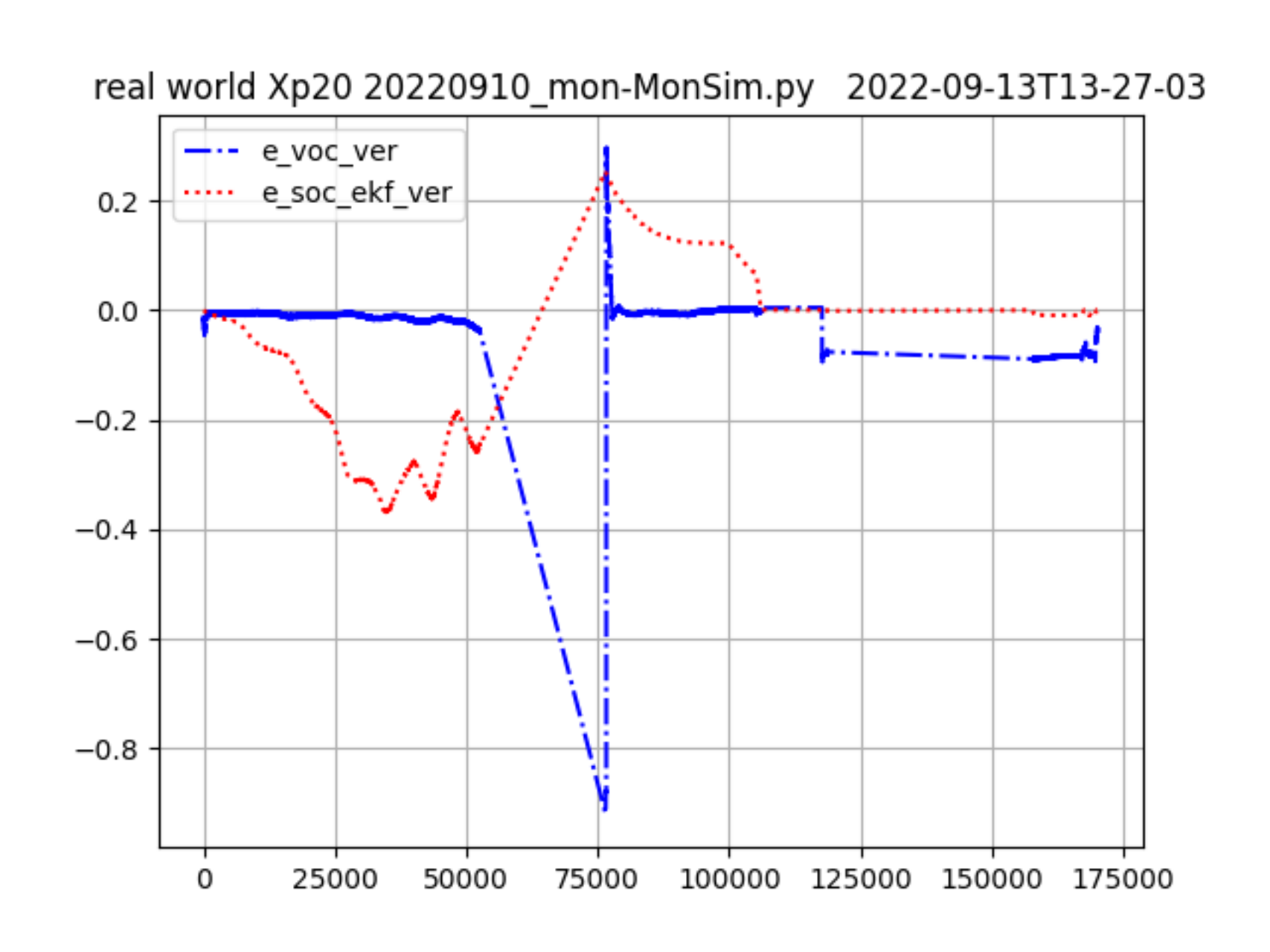

20220910_mon-MonSim.py 2022-09-13T13-27-03 MON vs SIM
ib_ver
ib_s_ver
vb_ver
vb_s_ver
voc_ver
voc_s_ver
vb_ver
vb_s_ver
voc_ver
voc_s_ver
voc_stat_ver
voc_stat_s_ver
dv_dyn_ver
dv_dyn_s_ver
dv_hys_ver
dv_hys_s_ver
vb_ver
vb_s_ver
0
50000
100000
150000


0220910_mon-MonSim.py 2022-09-13T13-27-03 **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
1e−5
Fx ekf_ver
Bu ekf_ver
K ekf_ver


real world Xp20 20220910_mon-MonSim.py 2022-09-13T13-27-03
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
25000
50000
75000
100000
125000
150000
175000


real world Xp20 20220910_mon-MonSim.py 2022-09-13T13-27-03
14
12
10
8
6
4
2
0
25000
50000
75000
100000
125000
150000
175000
voc_ver
Voc_ekf_ver
voc_s_ver


real world Xp20 20220910_mon-MonSim.py 2022-09-13T13-27-03
1.0
0.8
0.6
0.4
0.2
0.0
0
25000
50000
75000
100000
125000
150000
175000
soc_ekf_ver
soc_s_ver
soc_ver


real world Xp20 20220910_mon-MonSim.py 2022-09-13T13-27-03
e_voc_ver
e_soc_ekf_ver
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
25000
50000
75000
100000
125000
150000
175000