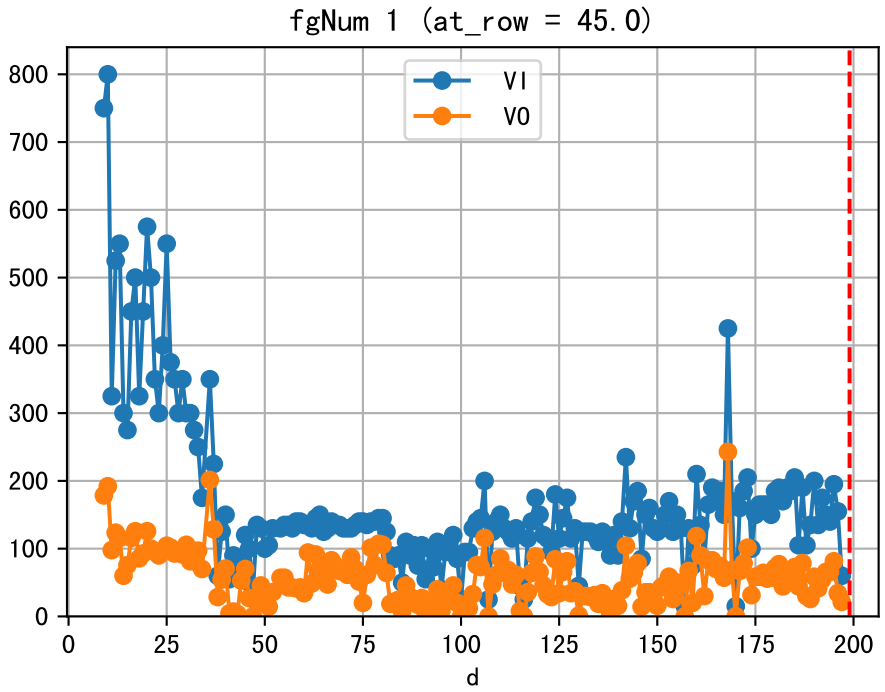
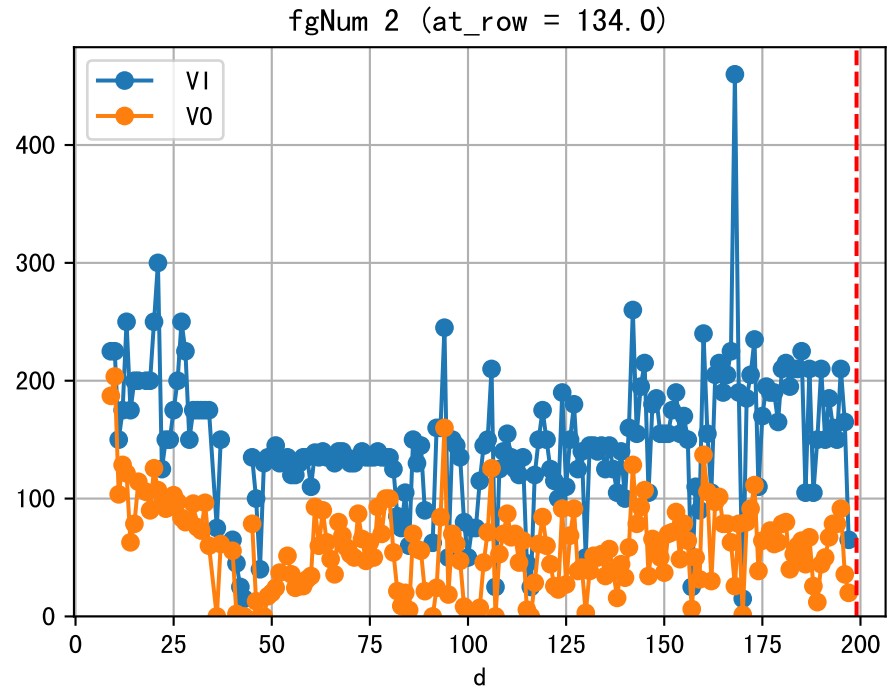
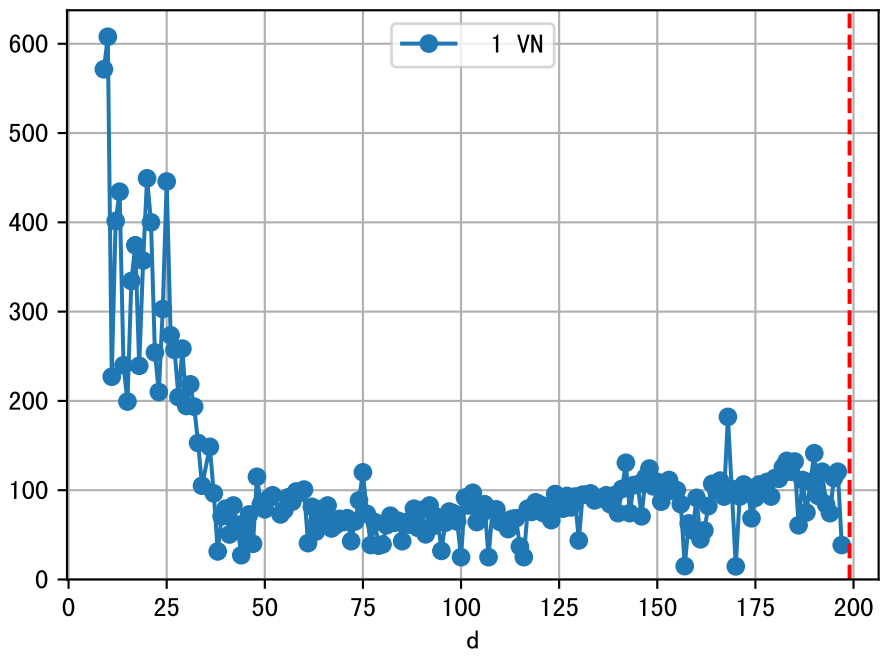
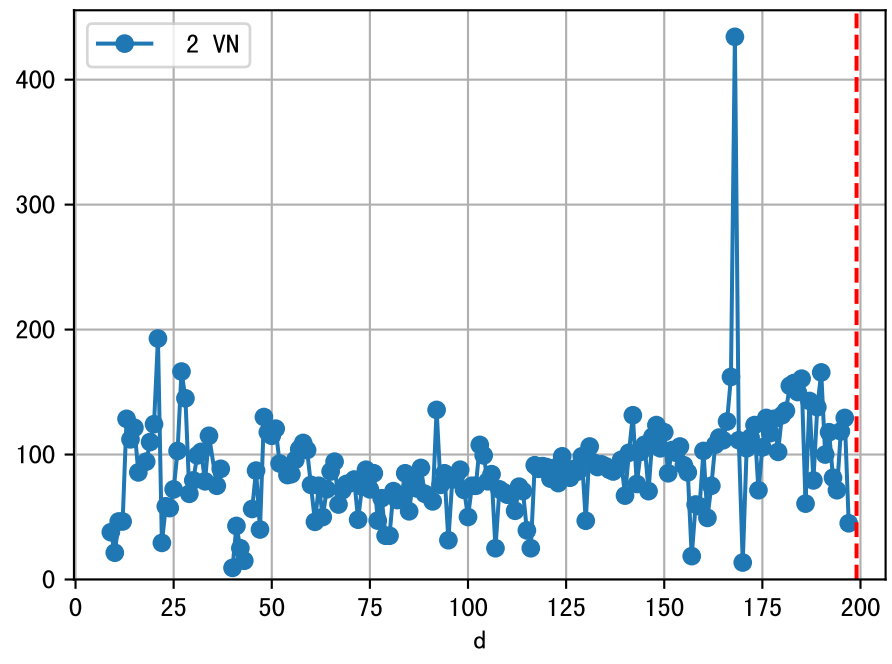
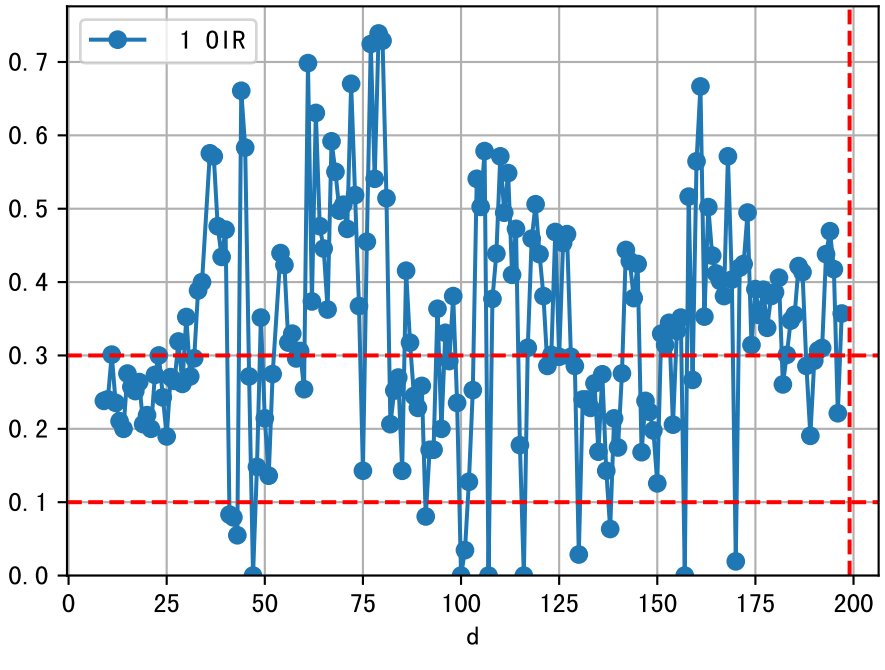
FgArea: ['0']
NC11 P2
2026-04-11 (Day 199)

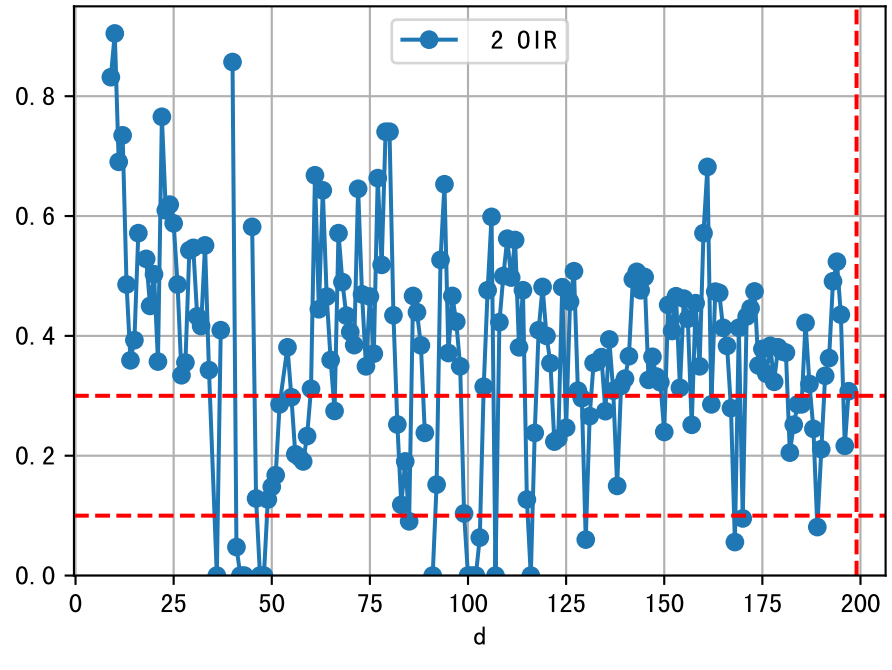

fgNum 1 (at_row = 45.0)
VI
VO
d

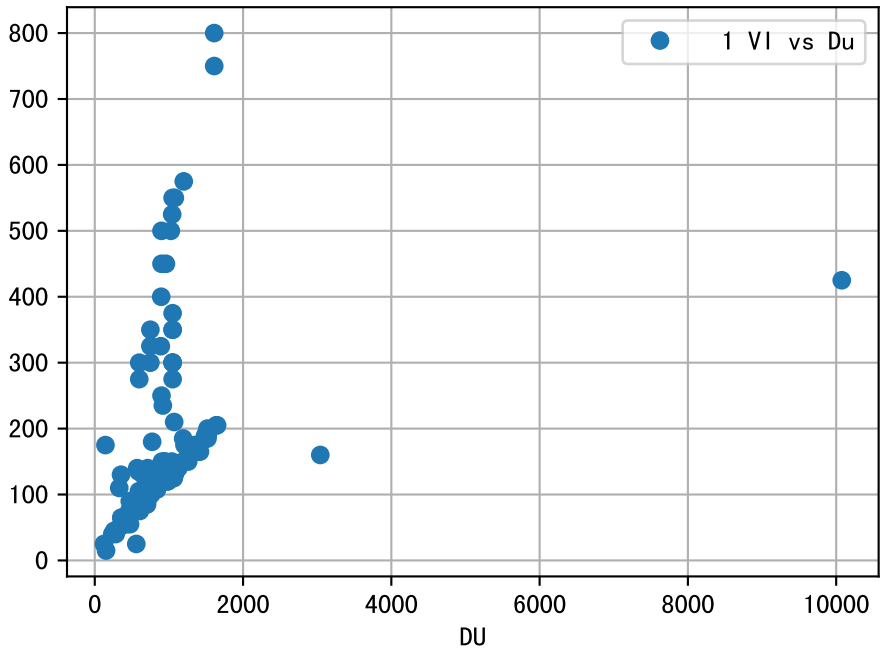

fgNum 2 (at_row = 134.0)
VI
VO
d

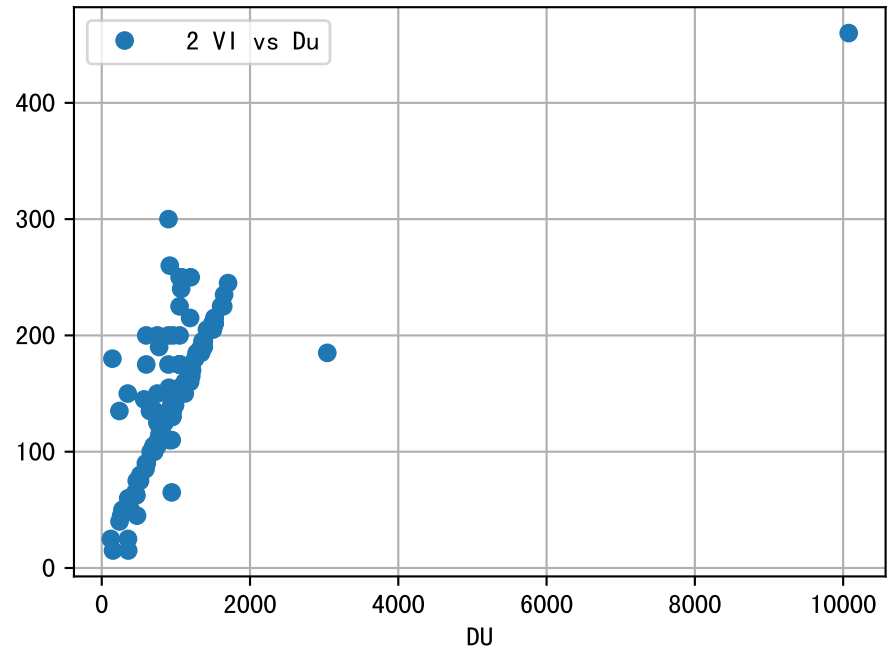

1 VN
d

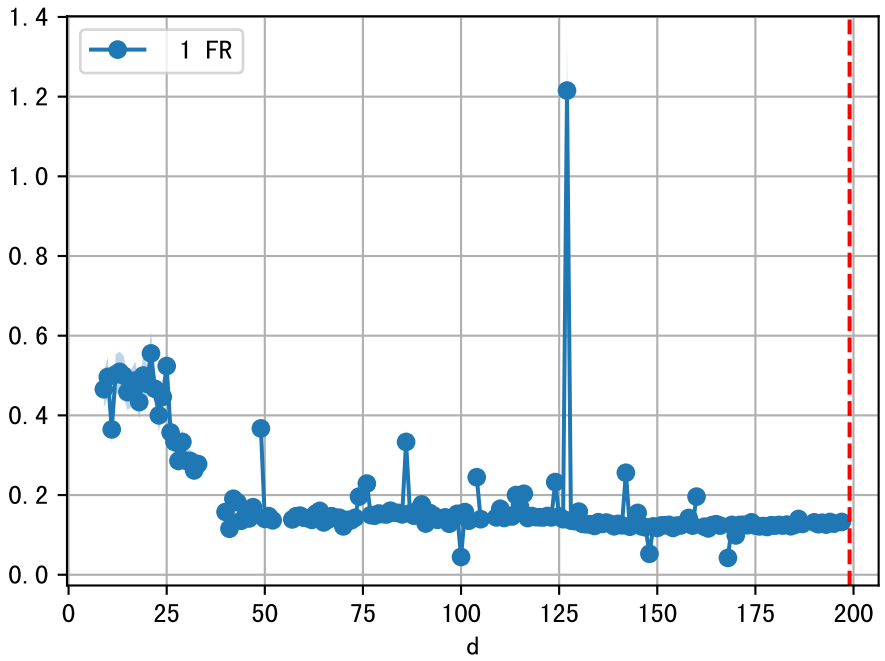

2 VN
d

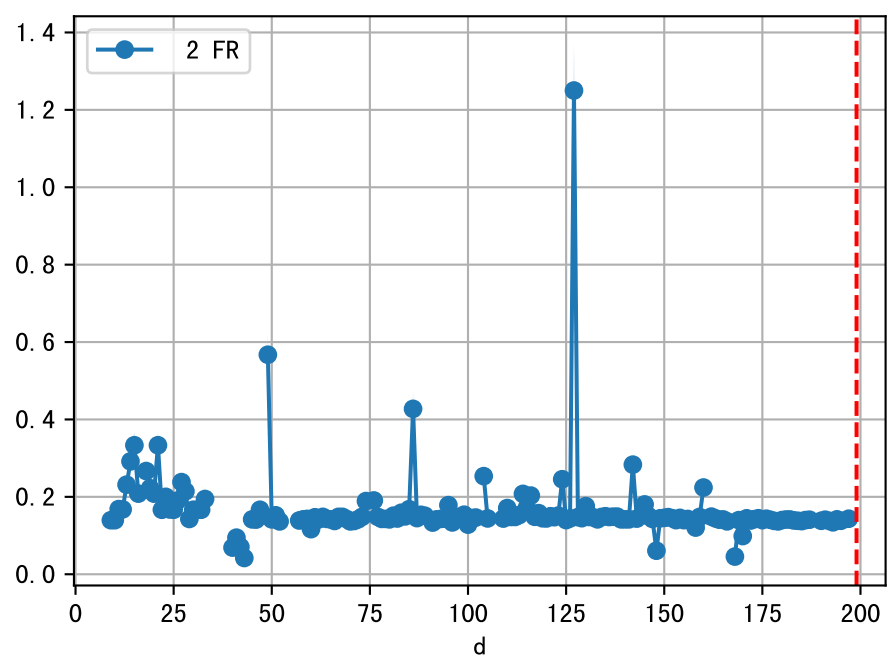

1 OIR
d

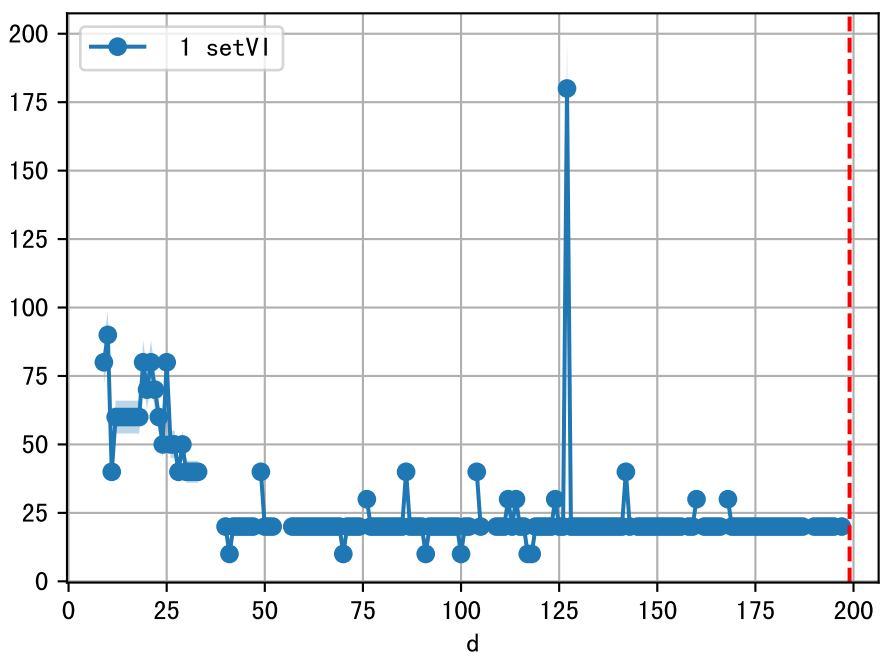

2 OIR
d

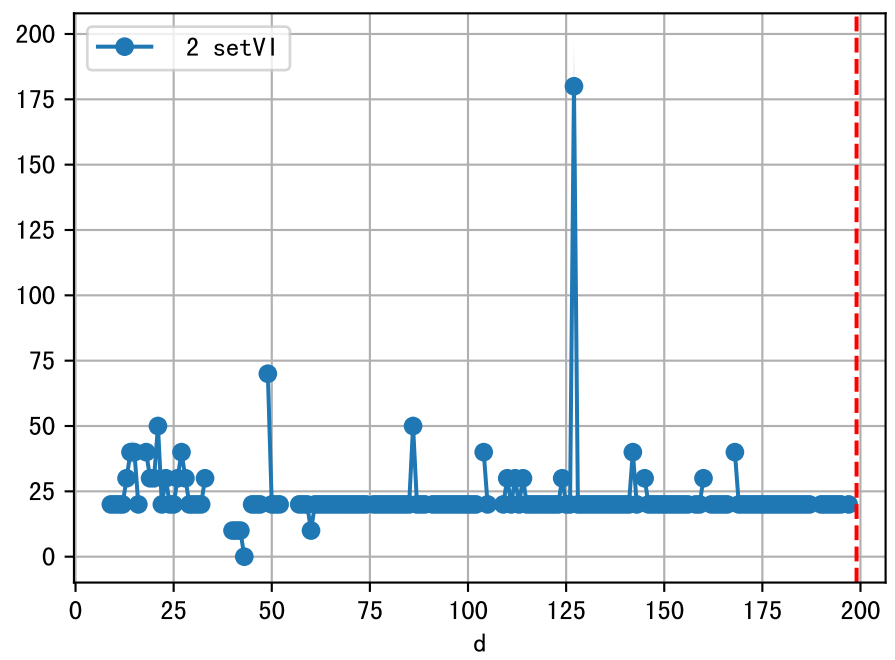

1 VI vs Du
DU

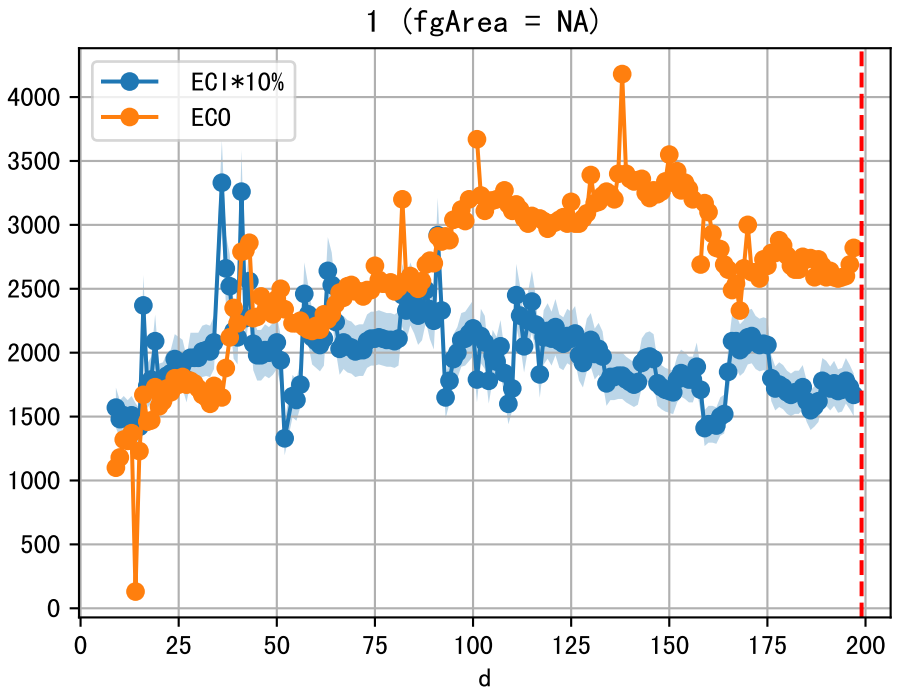

2 VI vs Du
DU

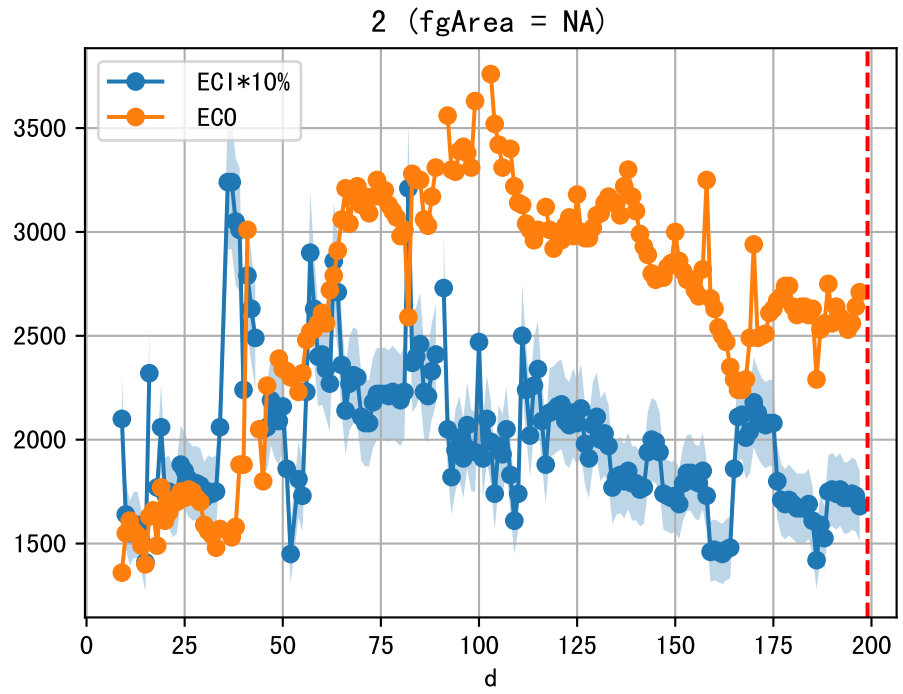

1 FR
d

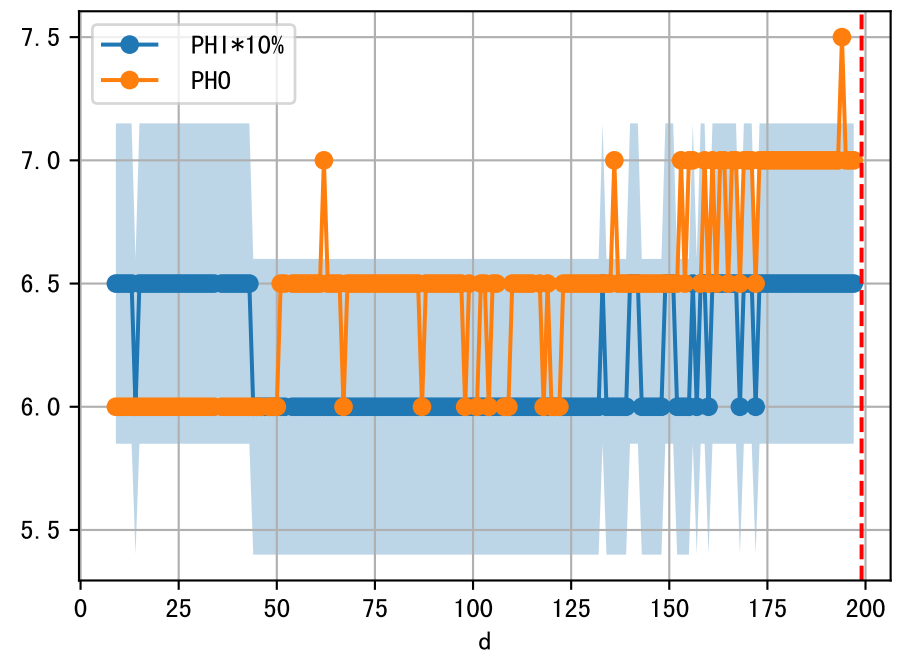

2 FR
d

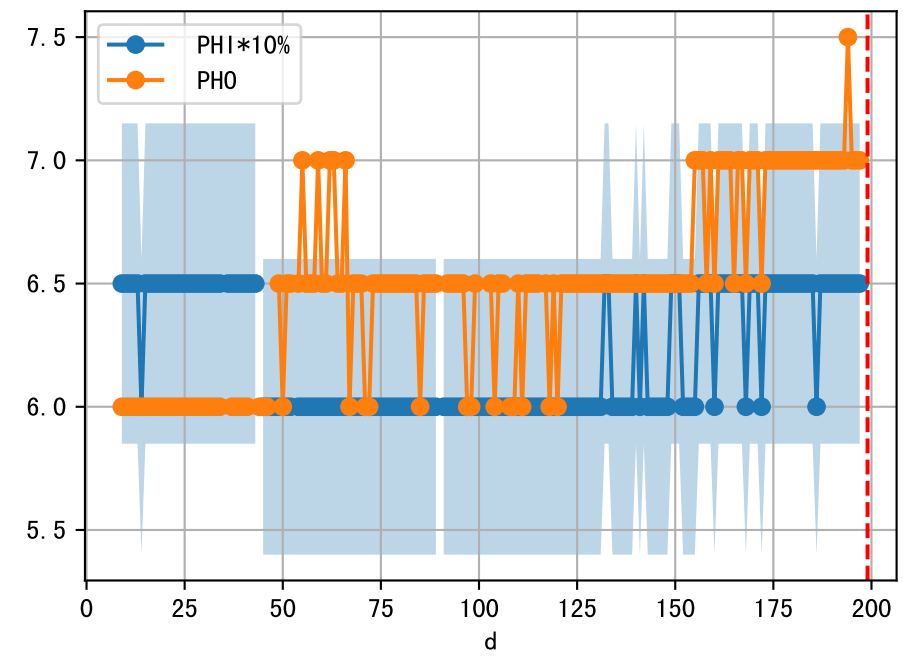

1 setVI
d

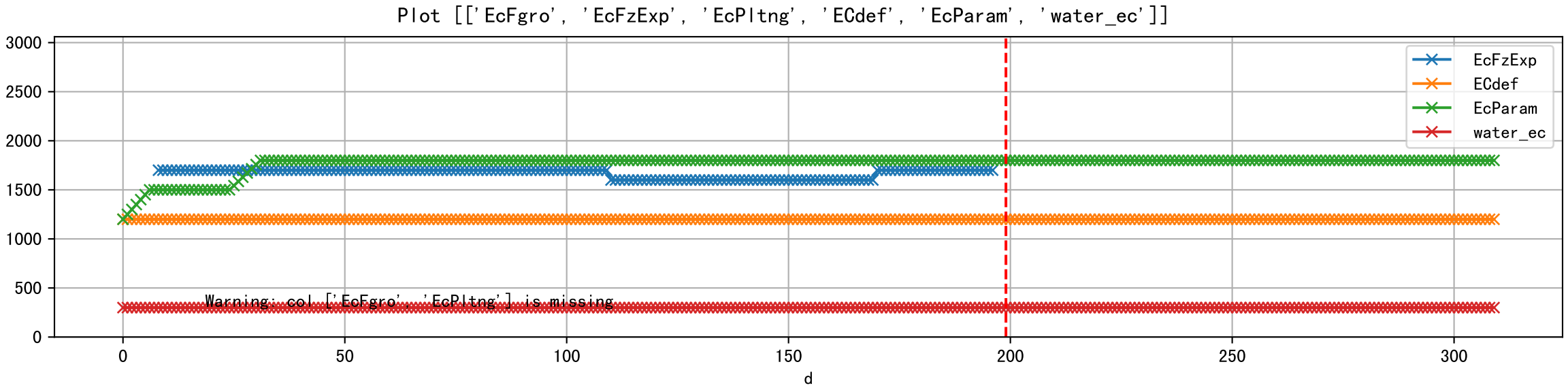

2 setVI
d

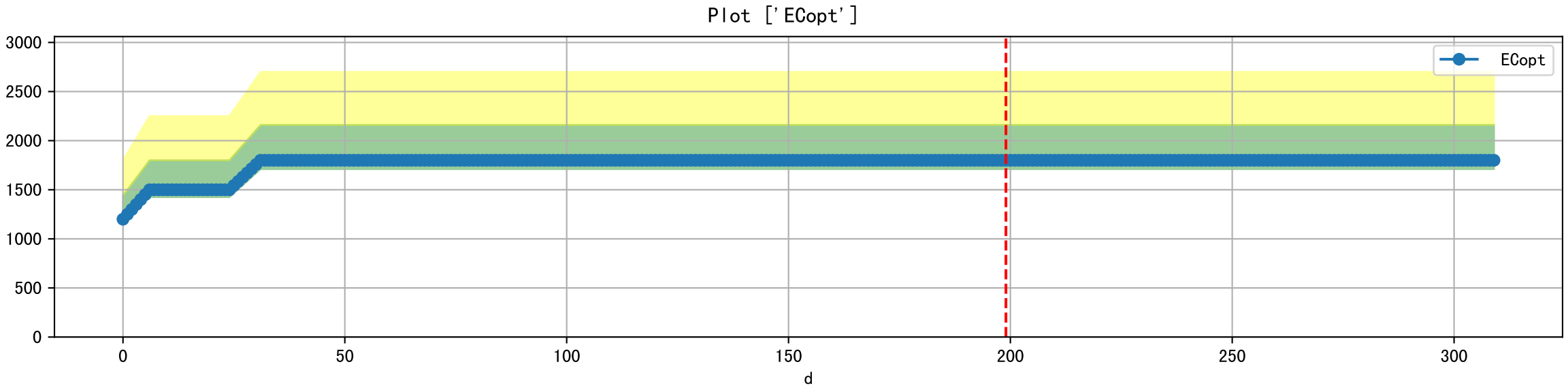

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
0
25
50
75
100
125
150
175
200
d

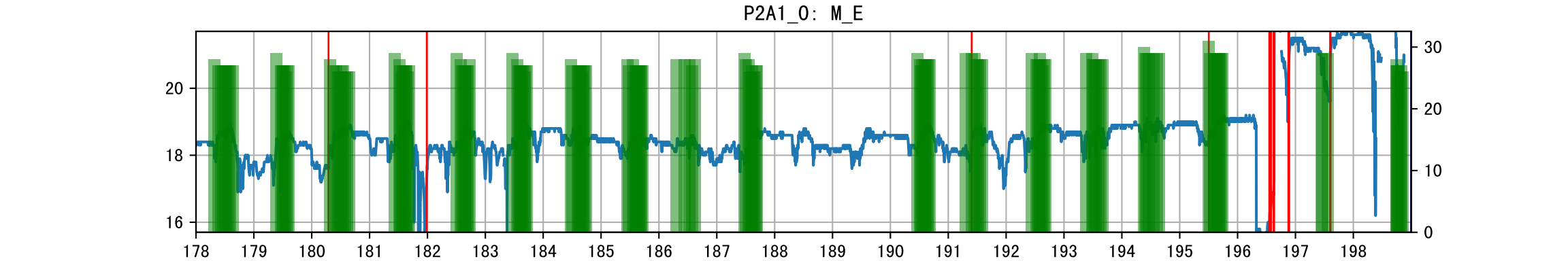

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
0
25
50
75
100
125
150
175
200
d


PHI*10%
PHO
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
200
d

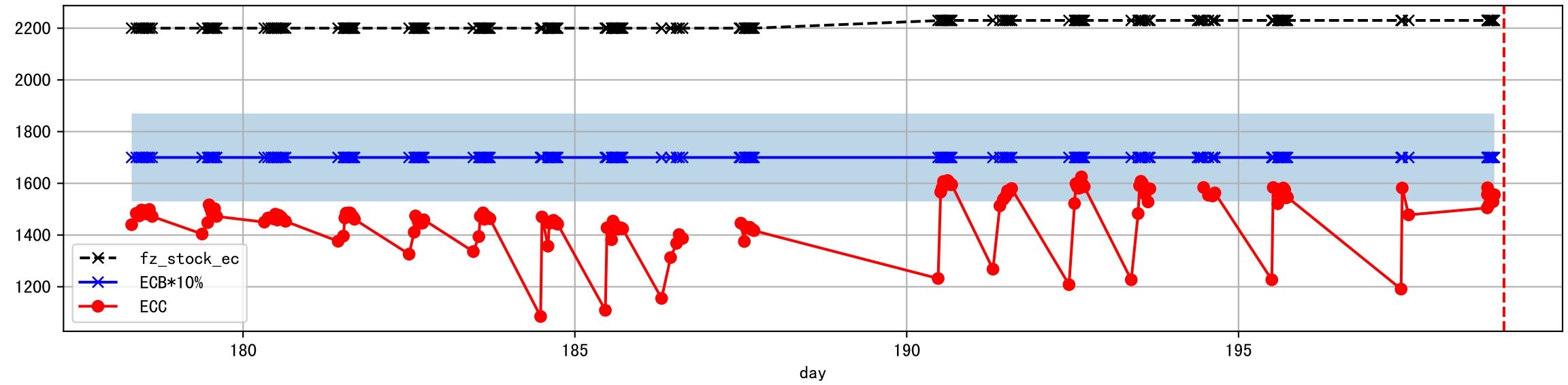

PHI*10%
PHO
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
200
d

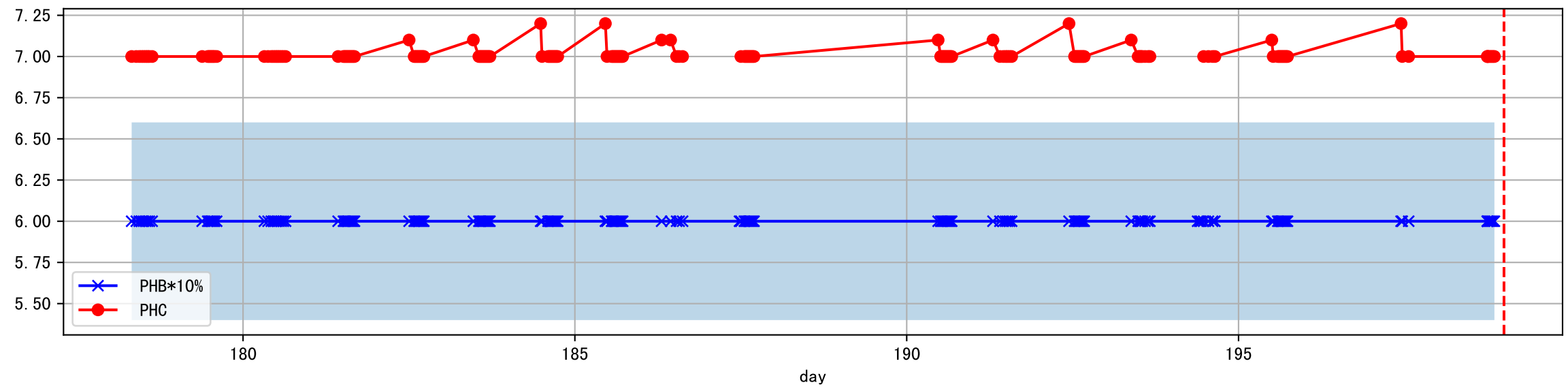

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

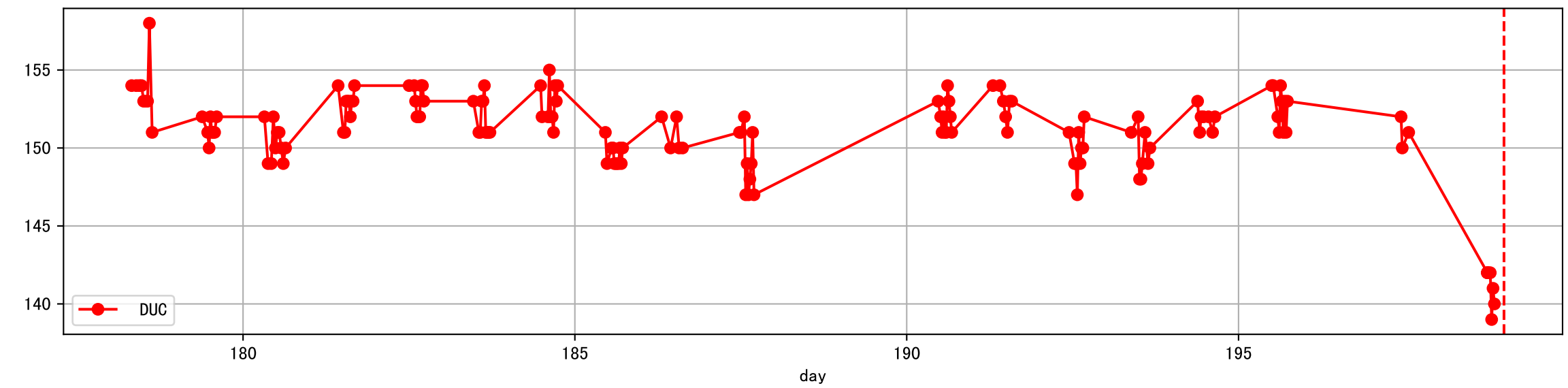

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

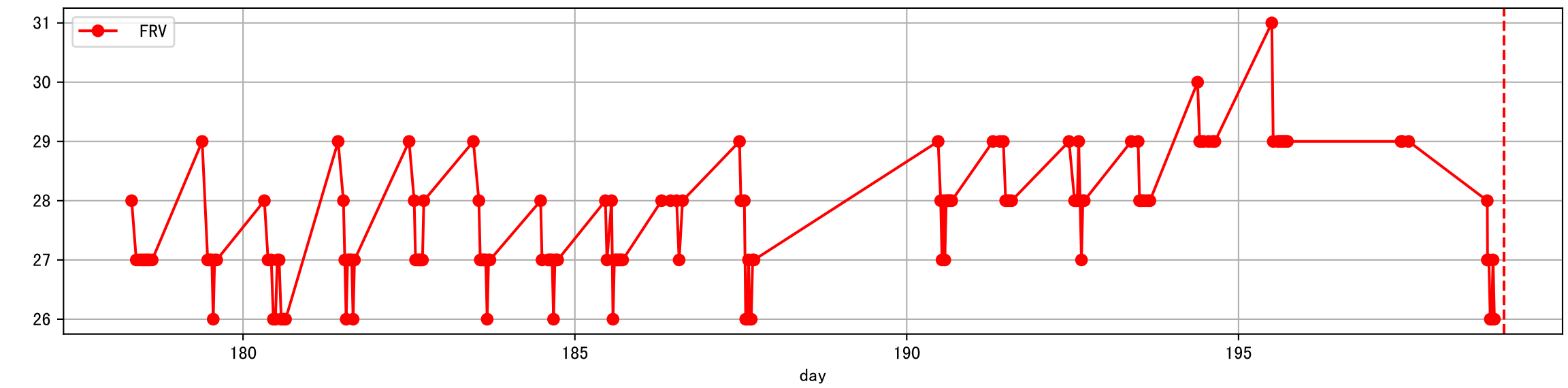

P2A1_0: M_E
20
18
16
30
20
10
0
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198

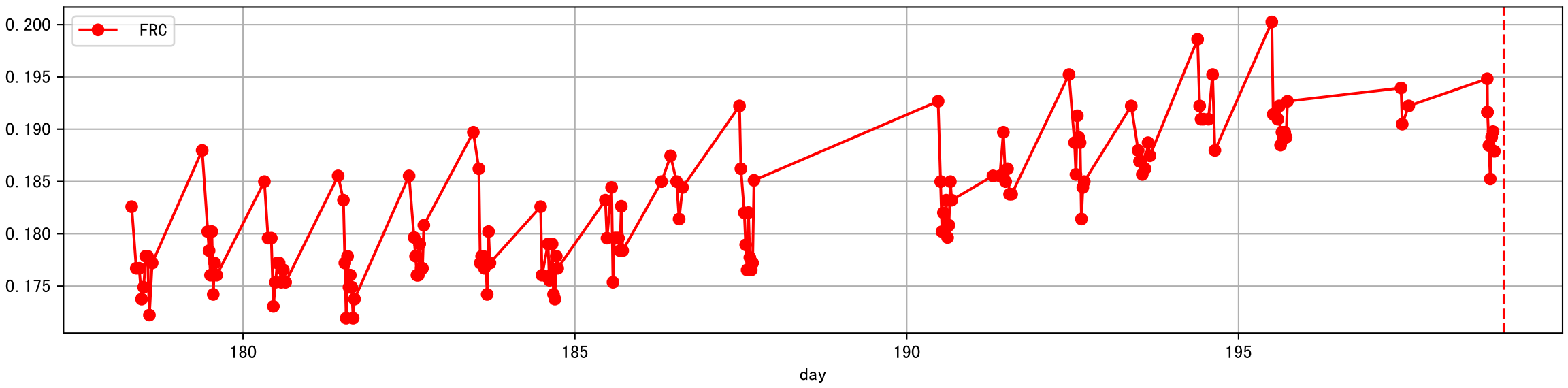
Plot Sensor and FgRec Detail

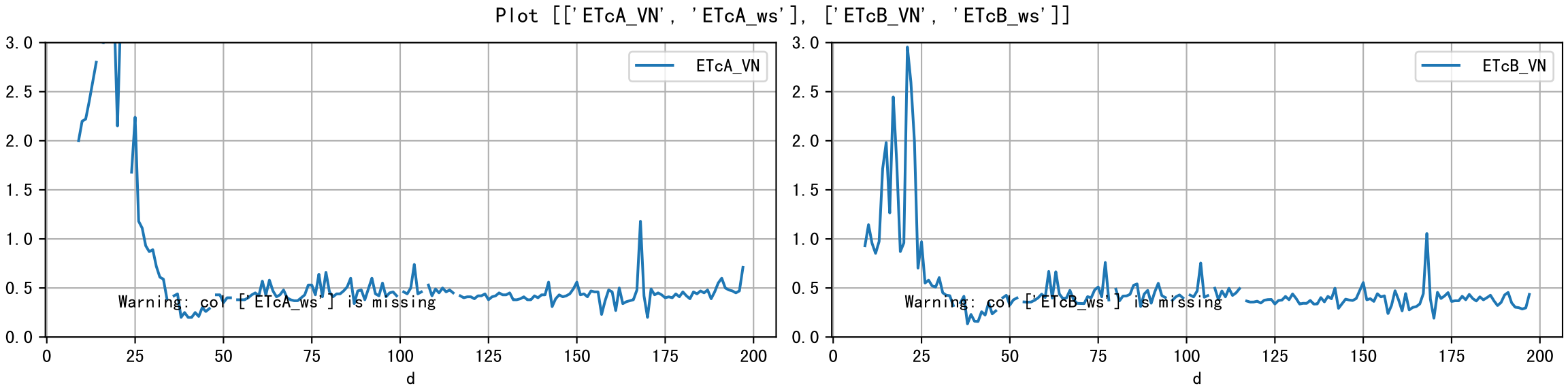


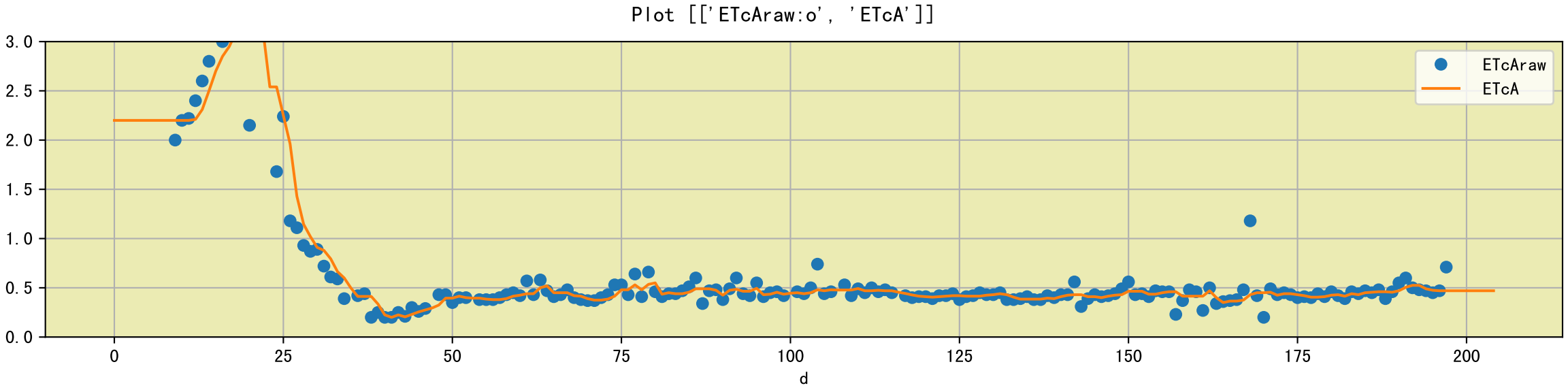


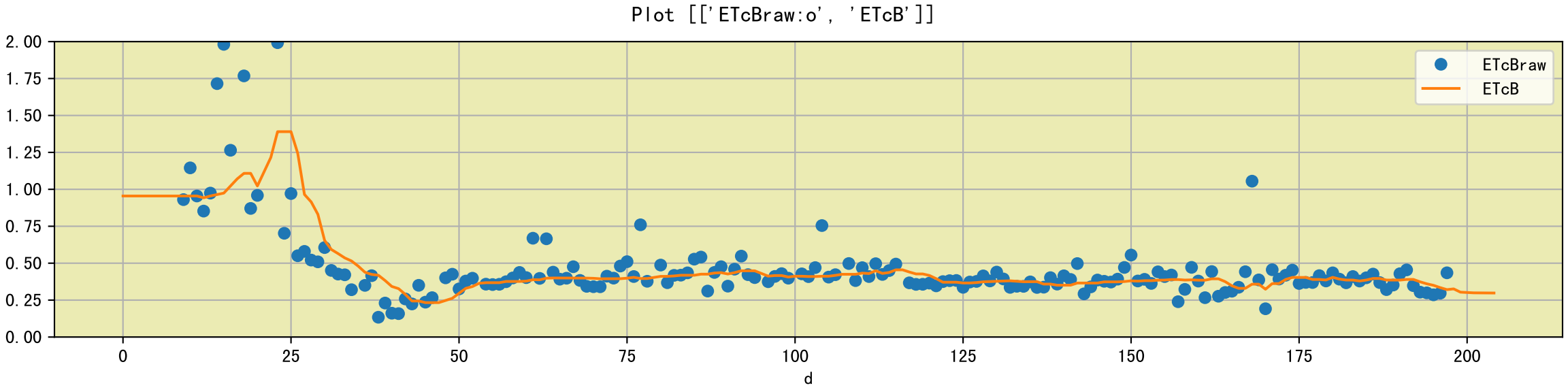




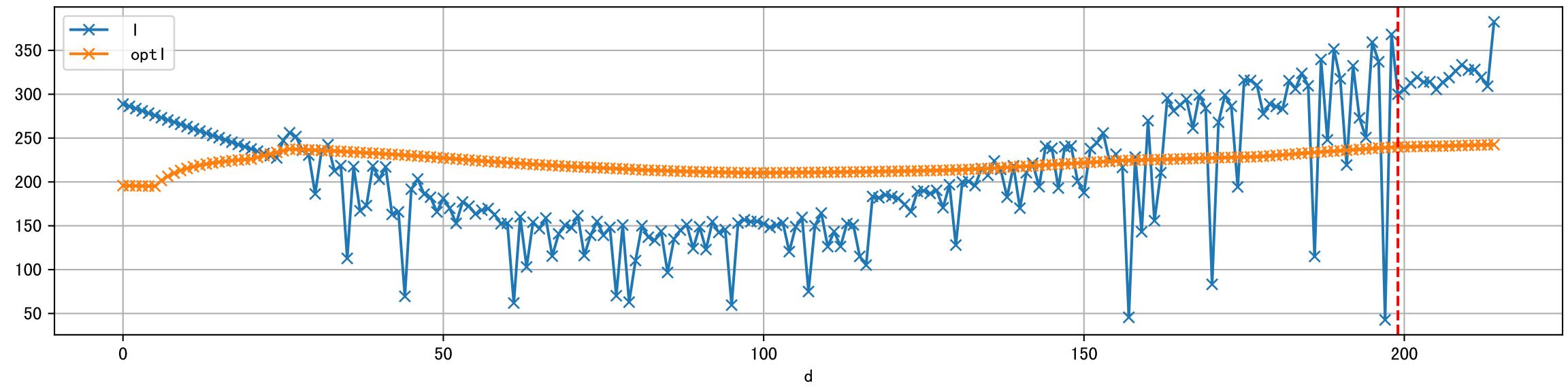


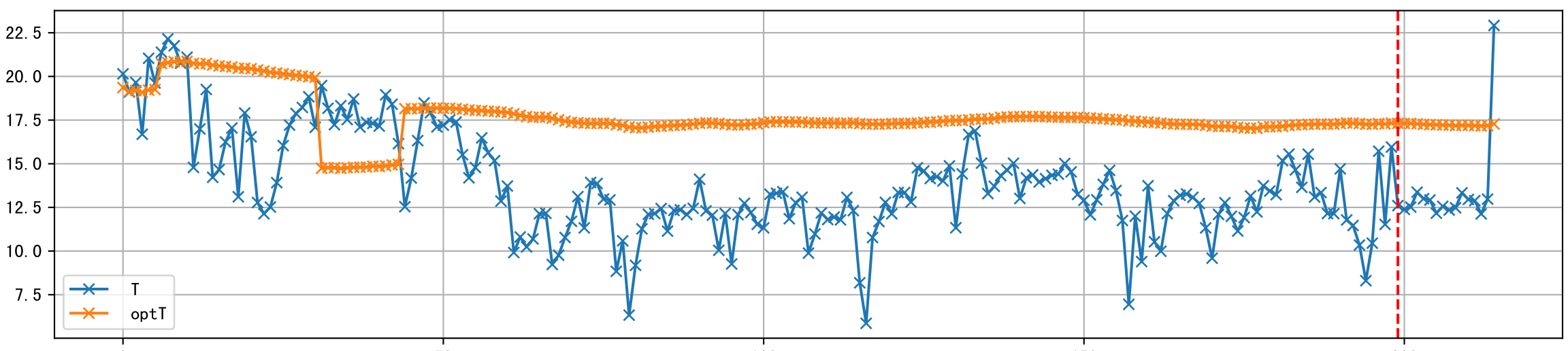

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: cov ['ETcA_ws'] is missing
d
ETcB_VN
Warning: cov ['ETcB_ws'] is missing
d

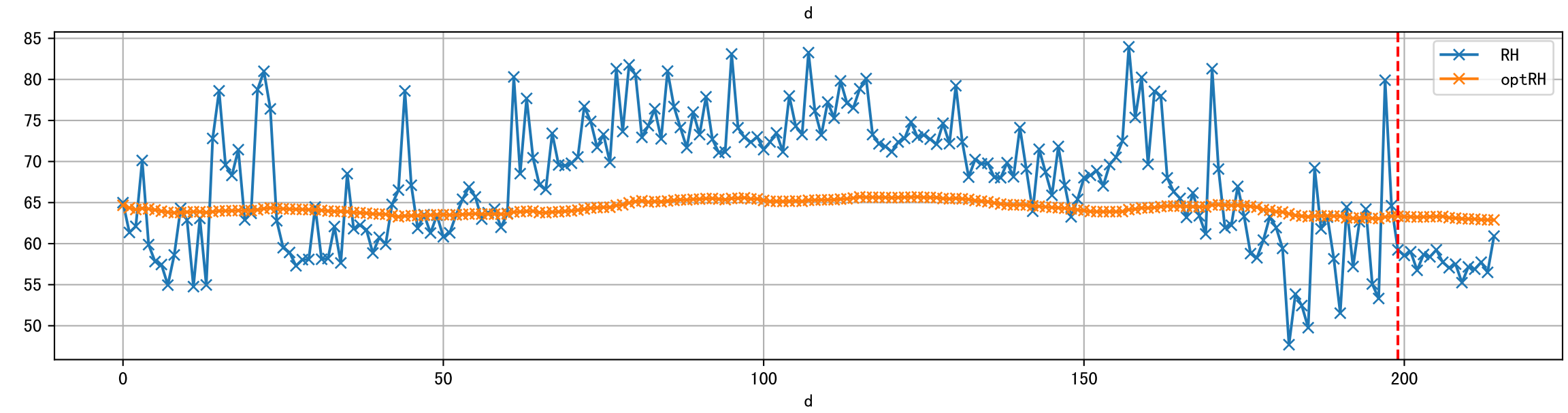

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
200
d

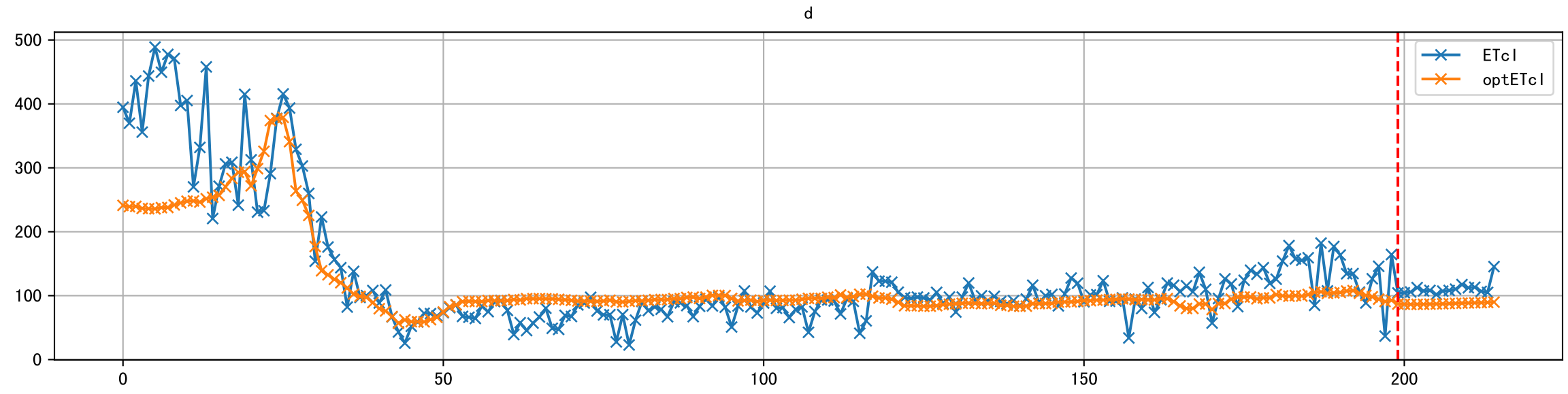

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
200
d
ETcBraw
ETcB

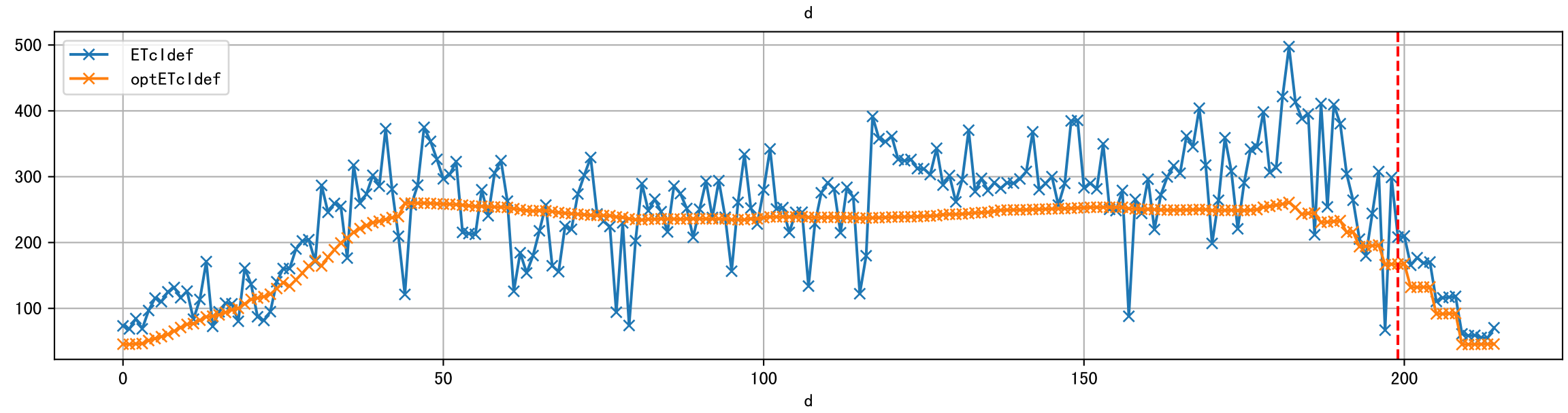
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo1', 'optETo1'], 'LAI', ['optEtRate', 'optEtRateDef', '

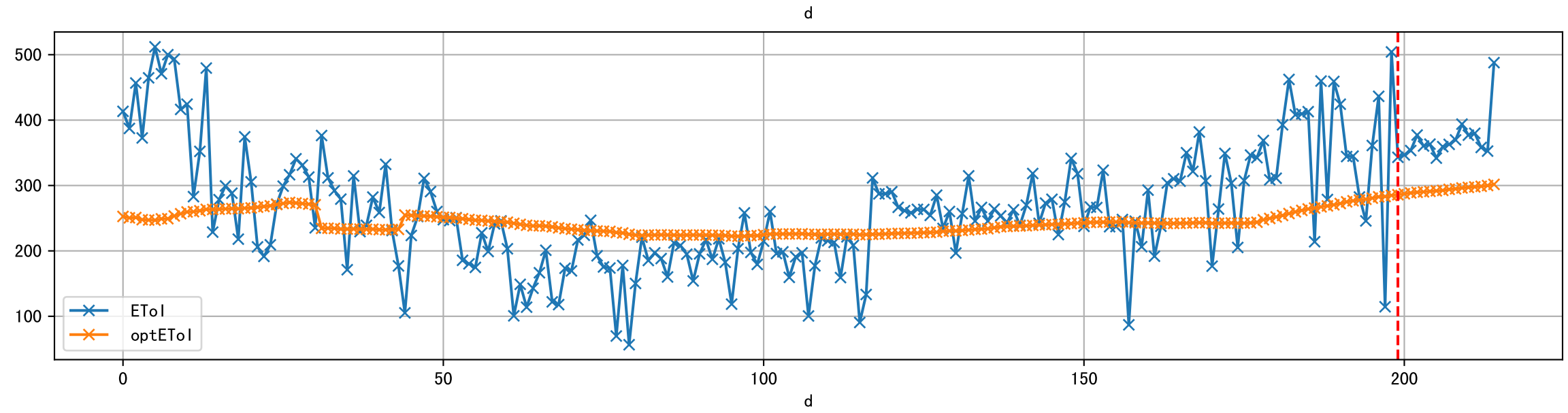


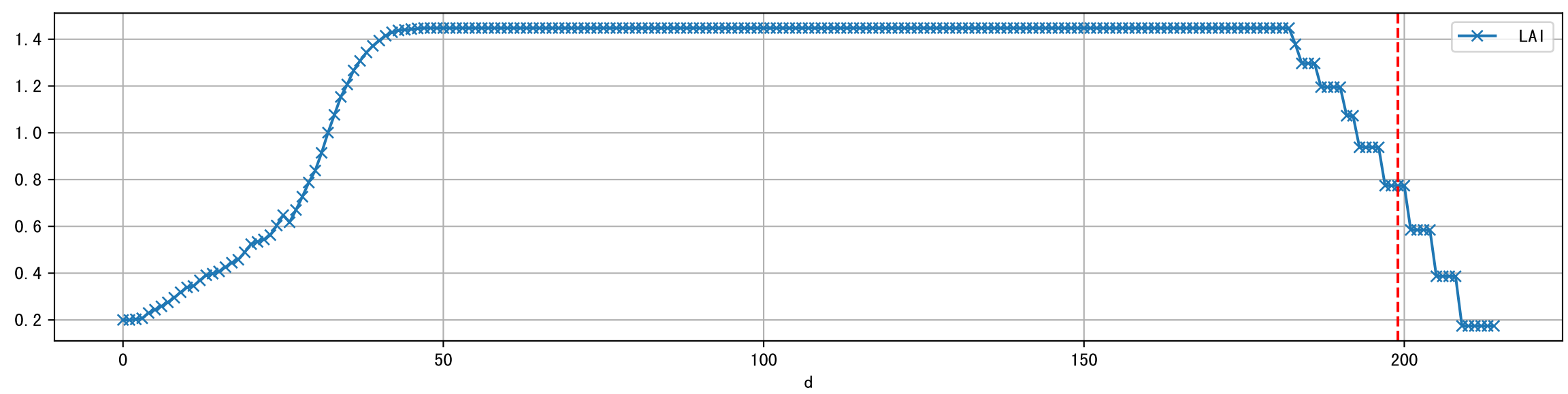


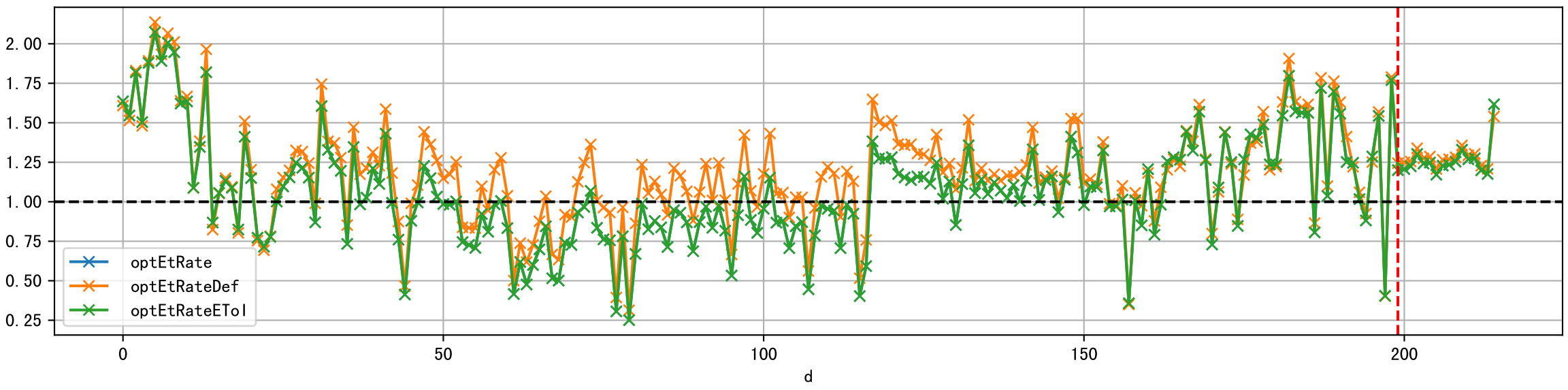


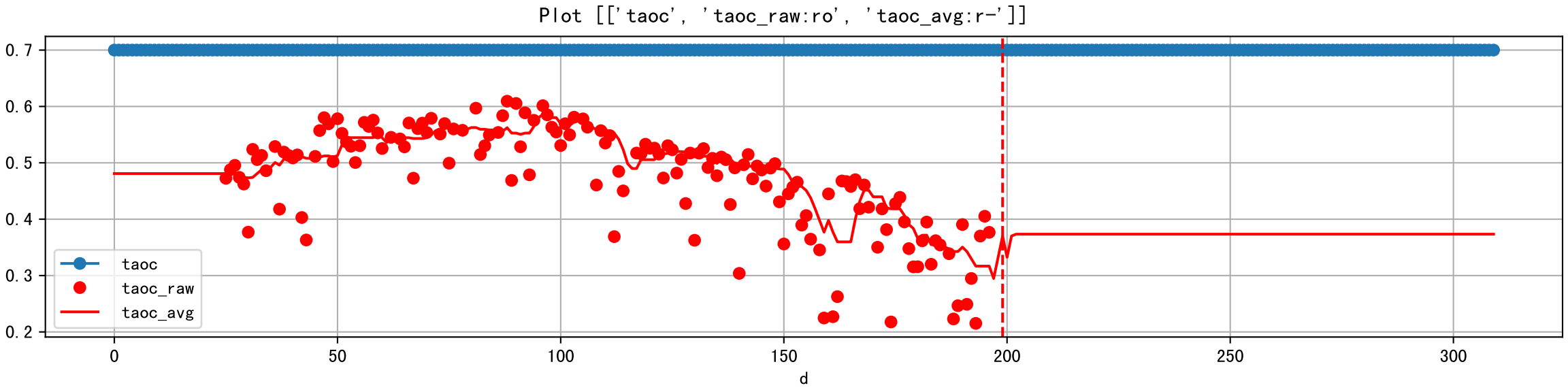


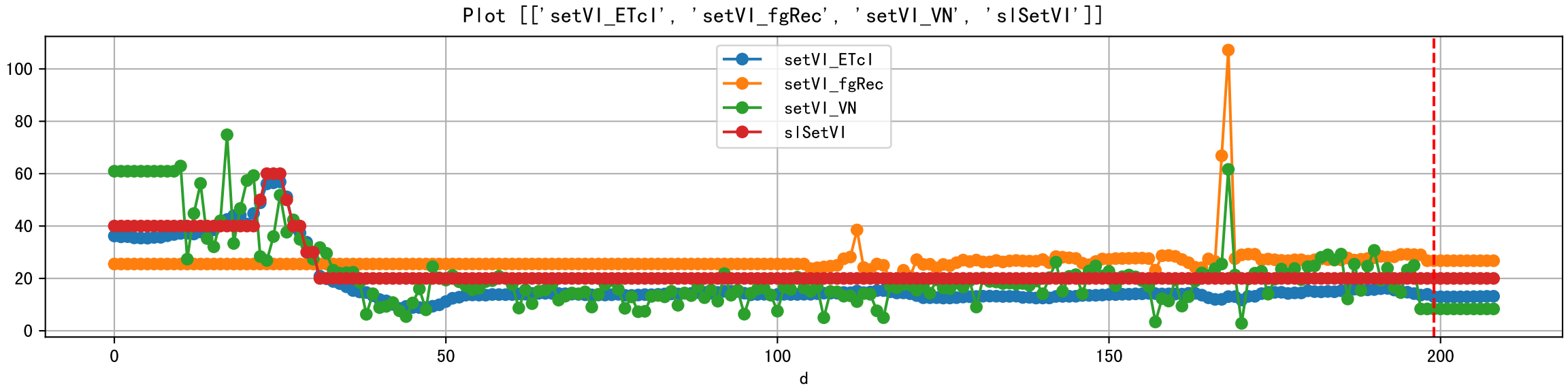


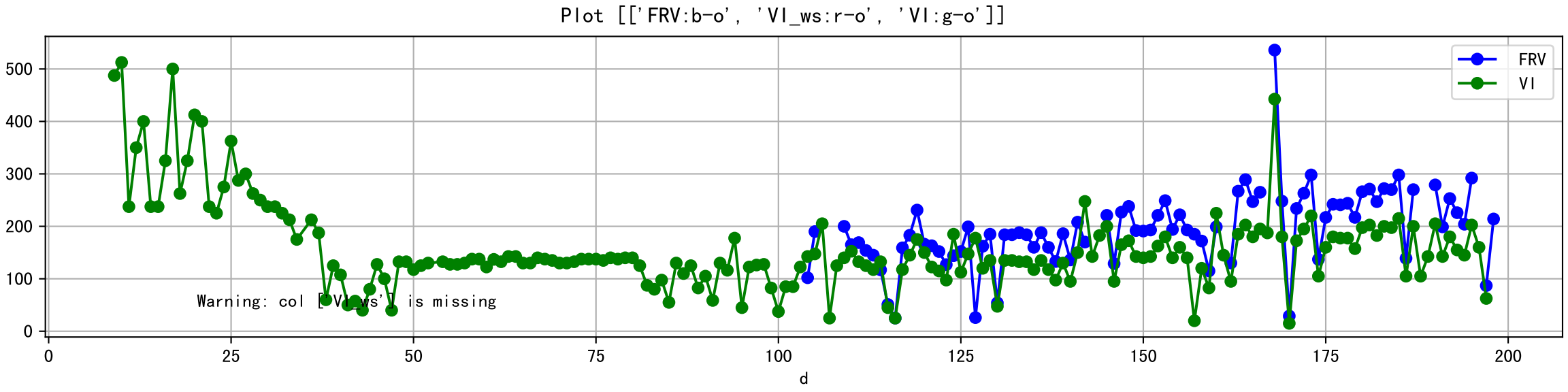


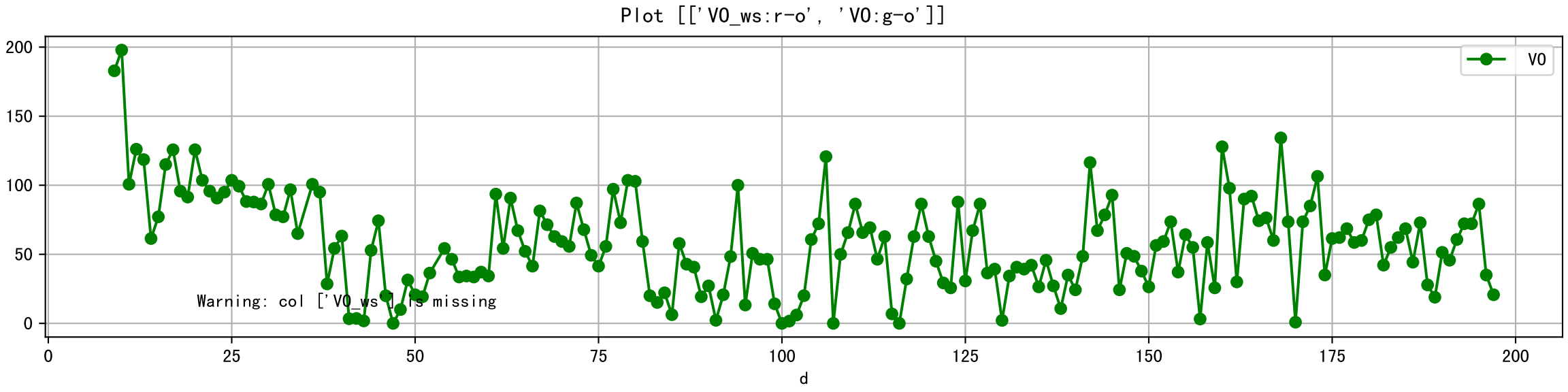


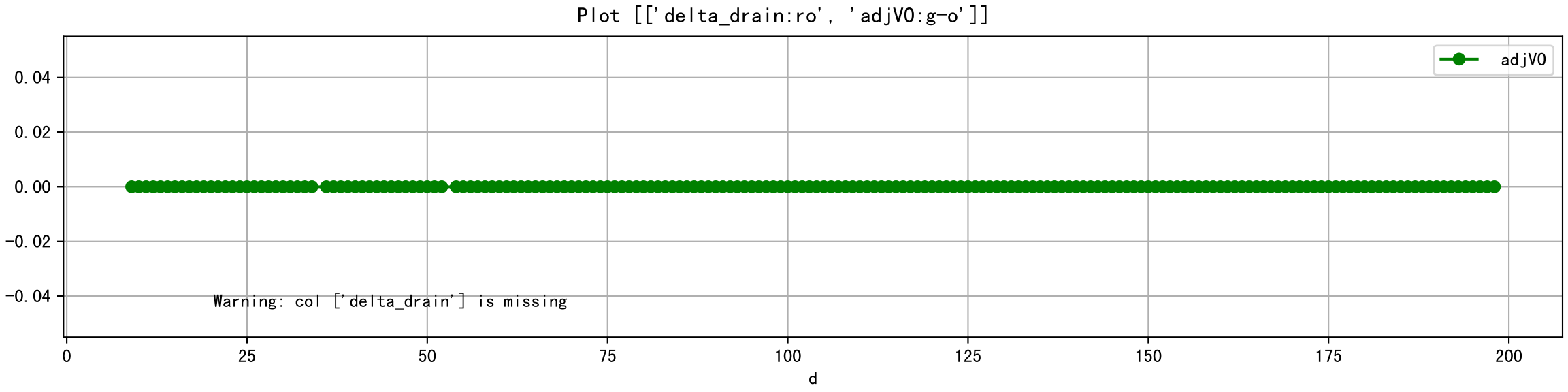


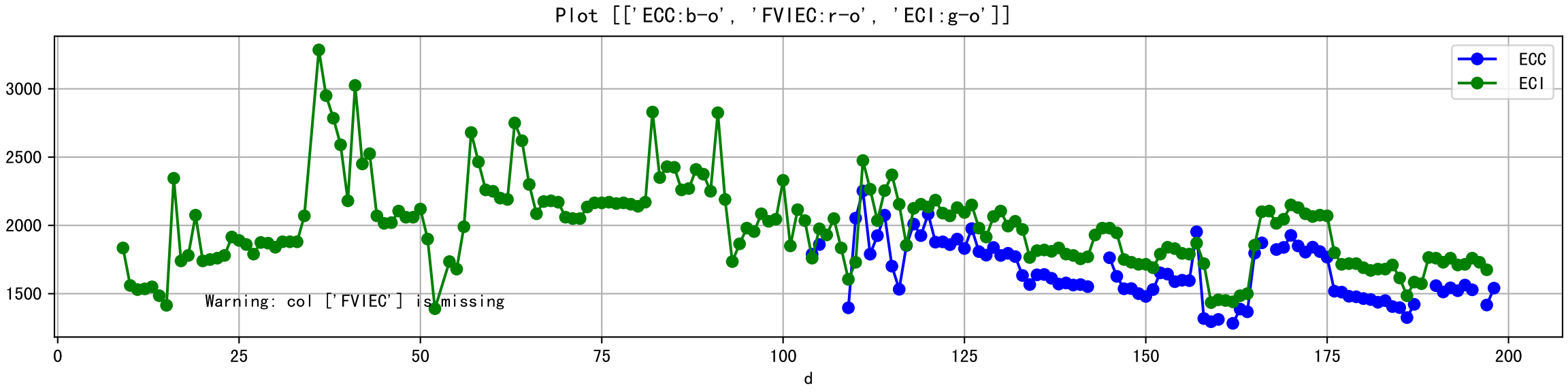

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

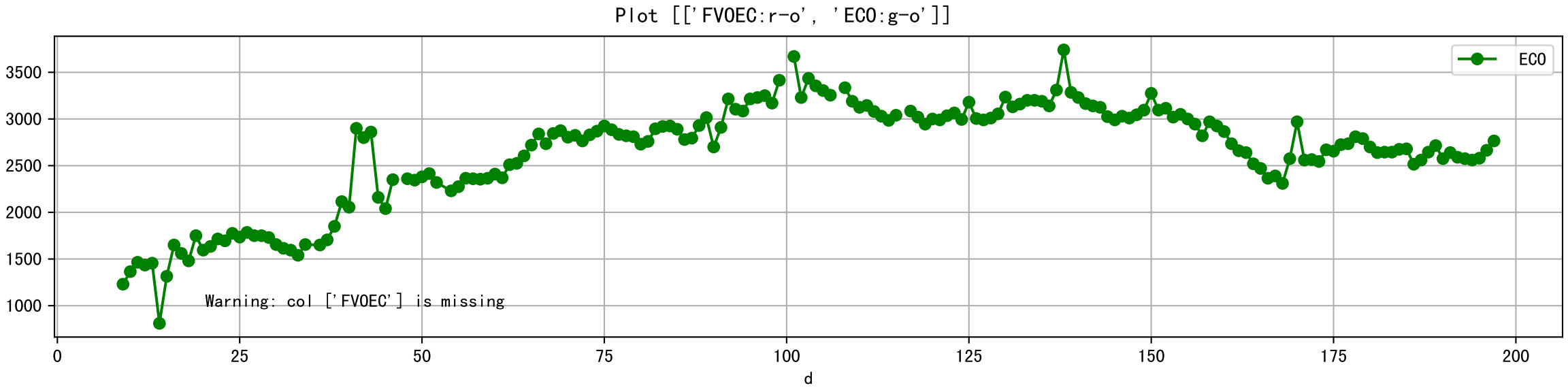

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
100
80
60
40
20
0
0
50
100
150
200
d

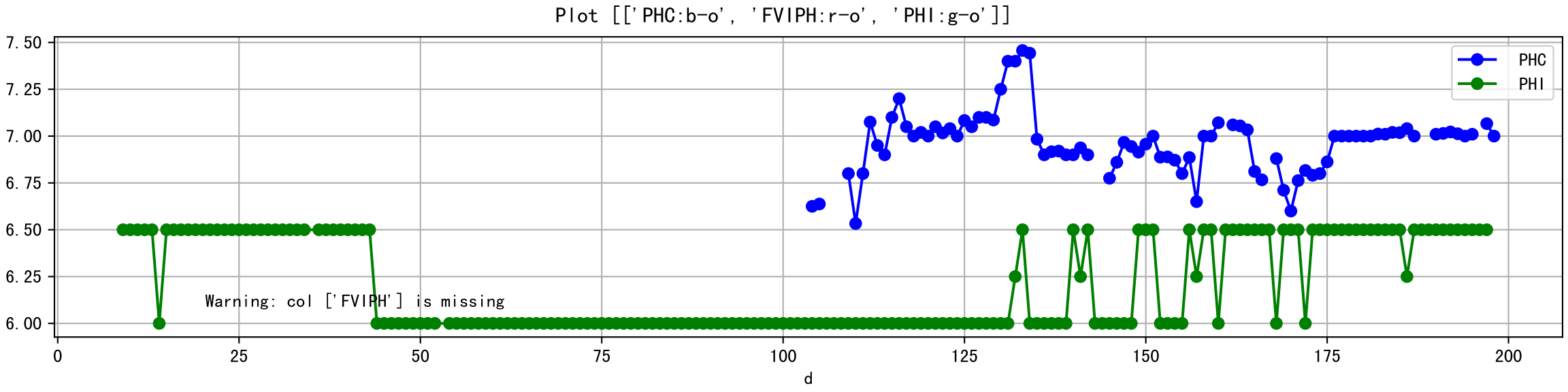

Plot [['FRV:b-o', 'VI_ws:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['VI_ws'] is missing
0
100
200
300
400
500
0
25
50
75
100
125
150
175
200
d

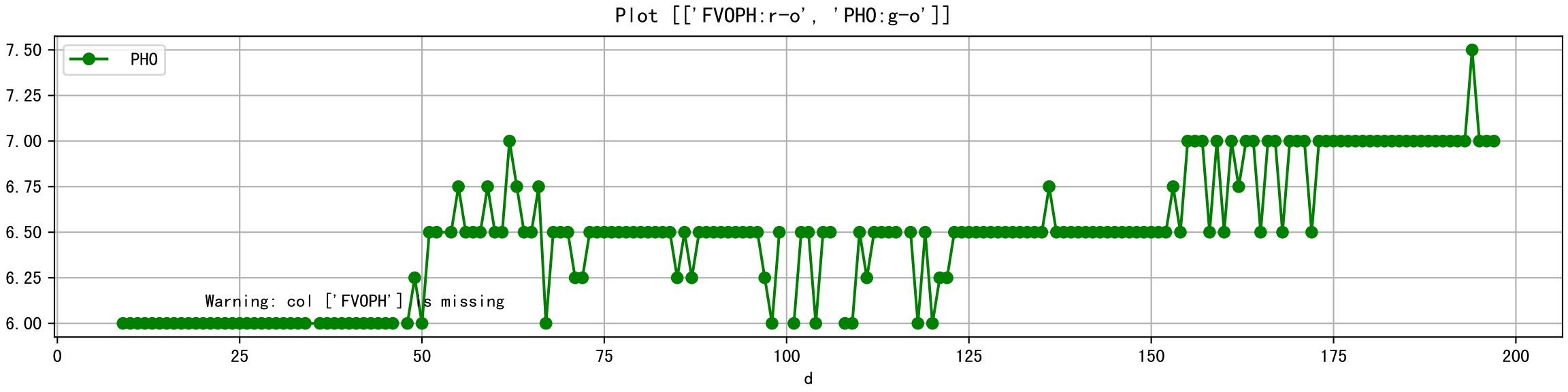

Plot [['V0_ws:r-o', 'V0:g-o']]
V0
Warning: col ['V0_ws'] is missing
200
150
100
50
0
0
25
50
75
100
125
150
175
200
d

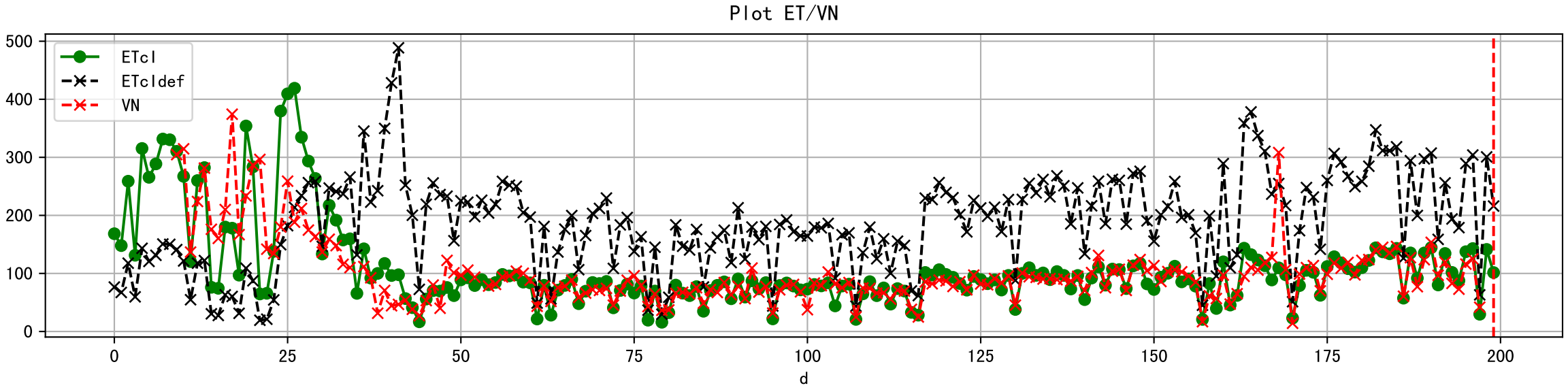

Plot [['delta_drain:ro', 'adjV0:g-o']]
adjV0
0.04
0.02
0.00
-0.02
-0.04
Warning: col ['delta_drain'] is missing
0
25
50
75
100
125
150
175
200
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
0
25
50
75
100
125
150
175
200
d

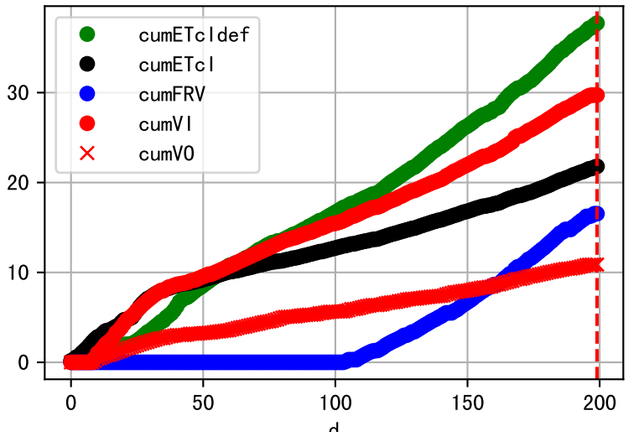

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
0
25
50
75
100
125
150
175
200
d

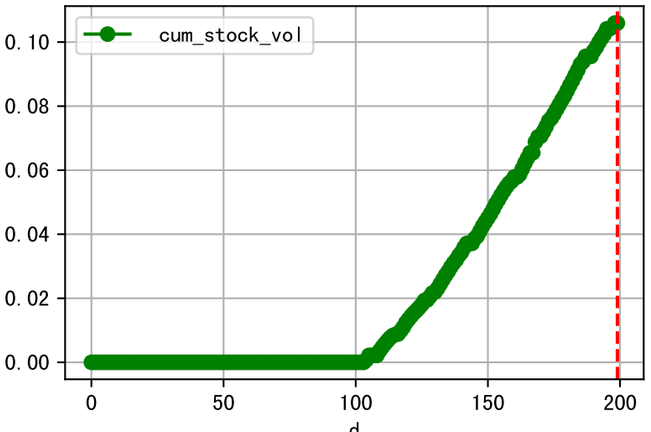

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

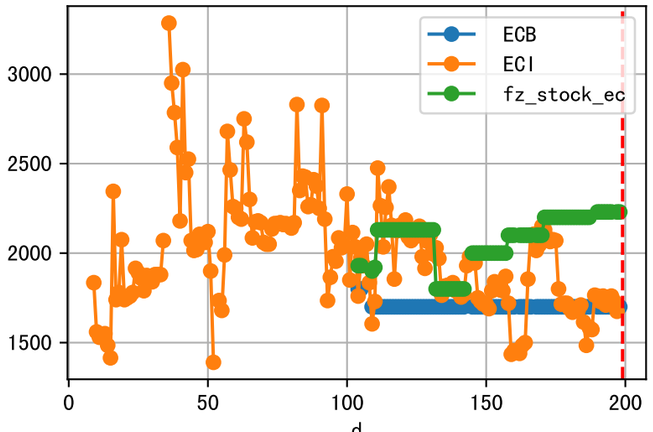

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

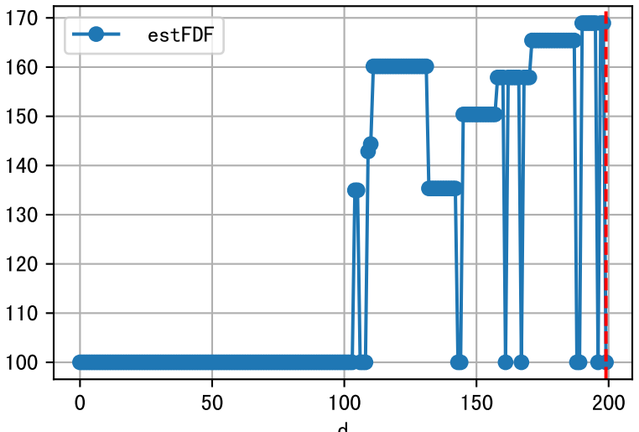

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
25
50
75
100
125
150
175
200
d

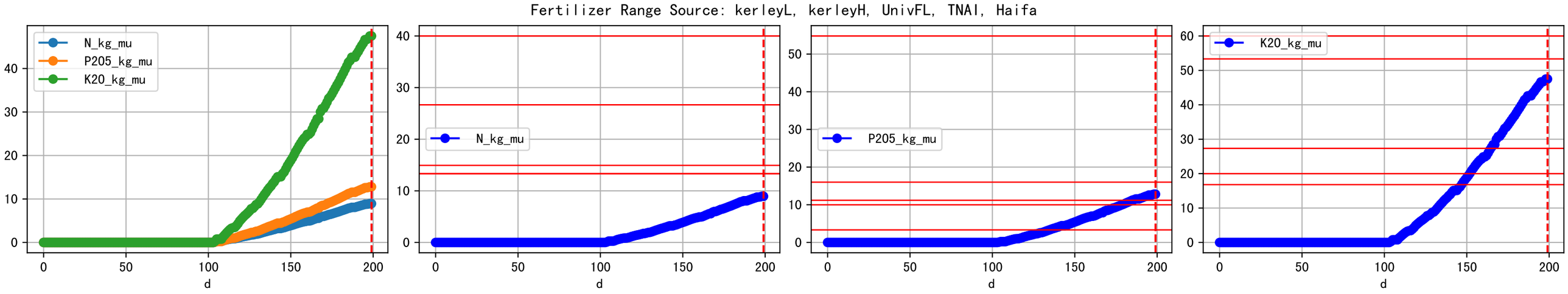
Plot Fv and fertilizer usage

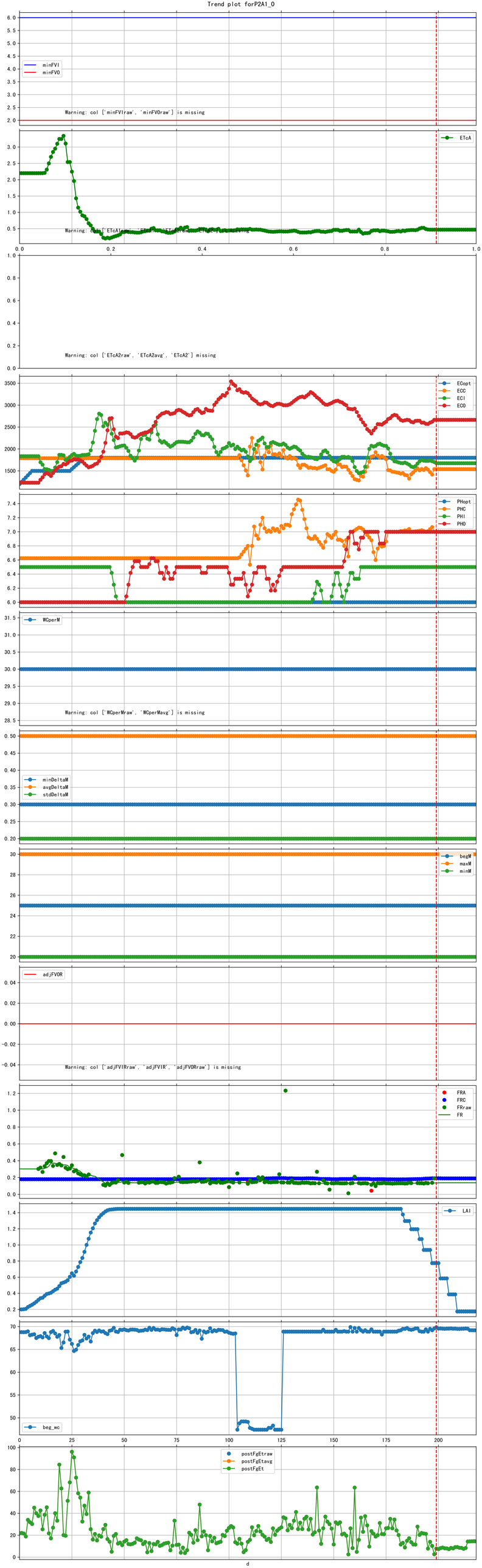


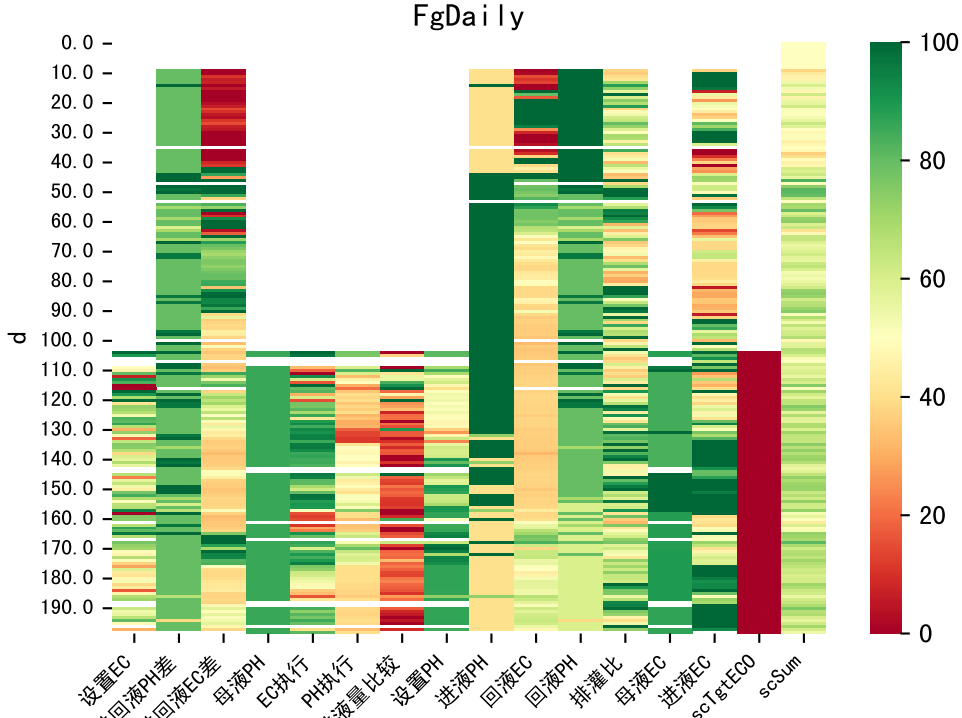




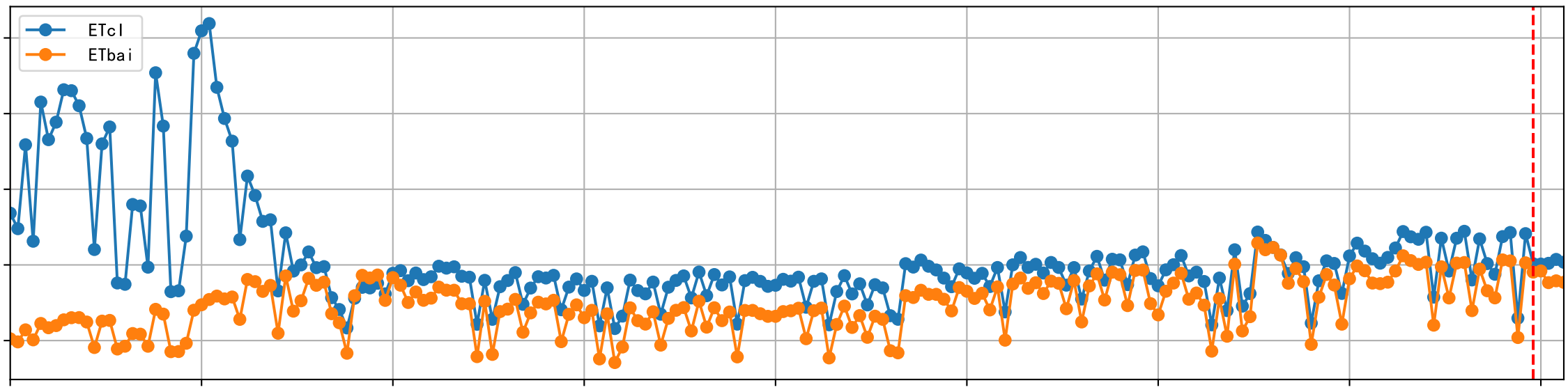


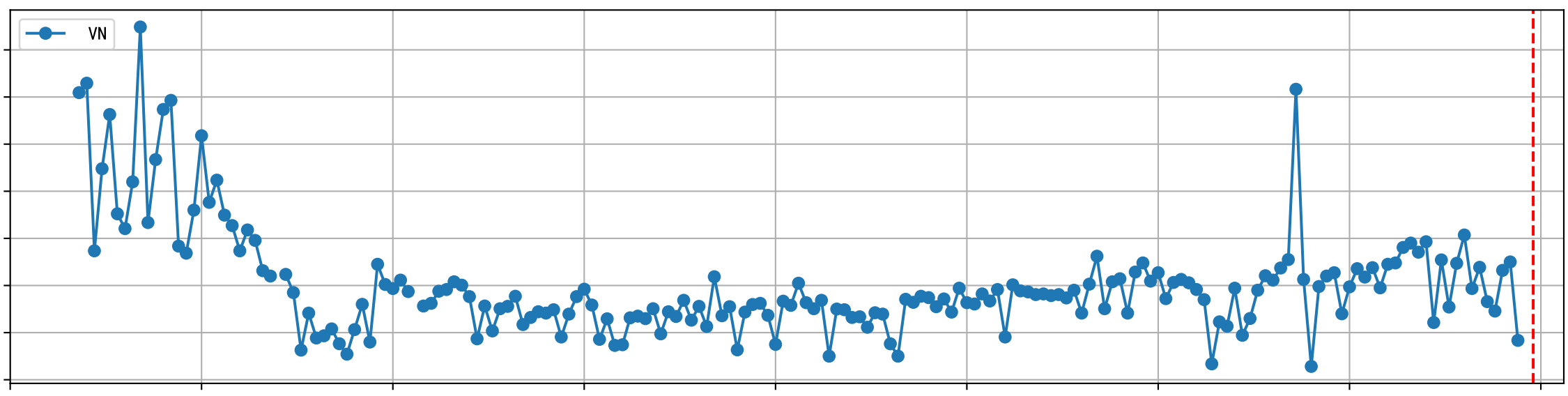

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

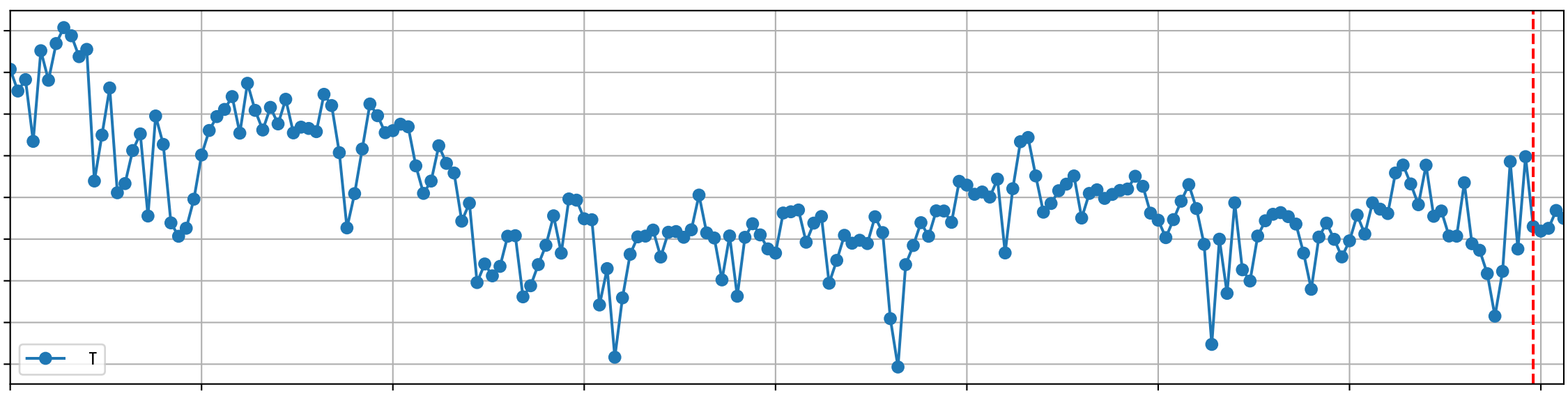

Trend plot forP2A1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

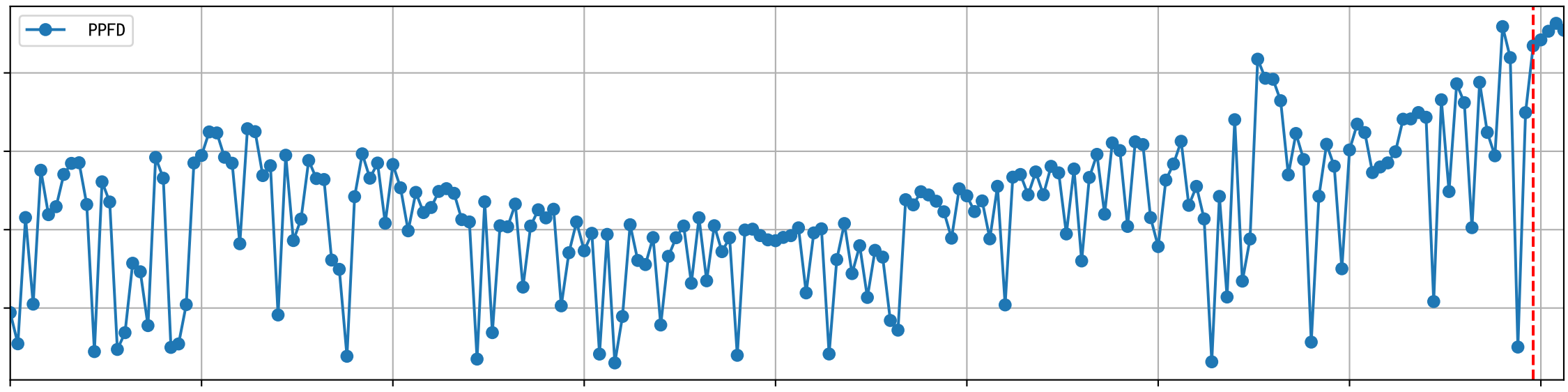

FgDaily
d
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
110.0
120.0
130.0
140.0
150.0
160.0
170.0
180.0
190.0
100
80
60
40
20
0
设置EC
回液PH差
回液EC差
母液PH
EC执行
PH执行
液量比较
设置PH
进液PH
回液EC
回液PH
排灌比
母液EC
进液EC
scTgtEC0
scSum

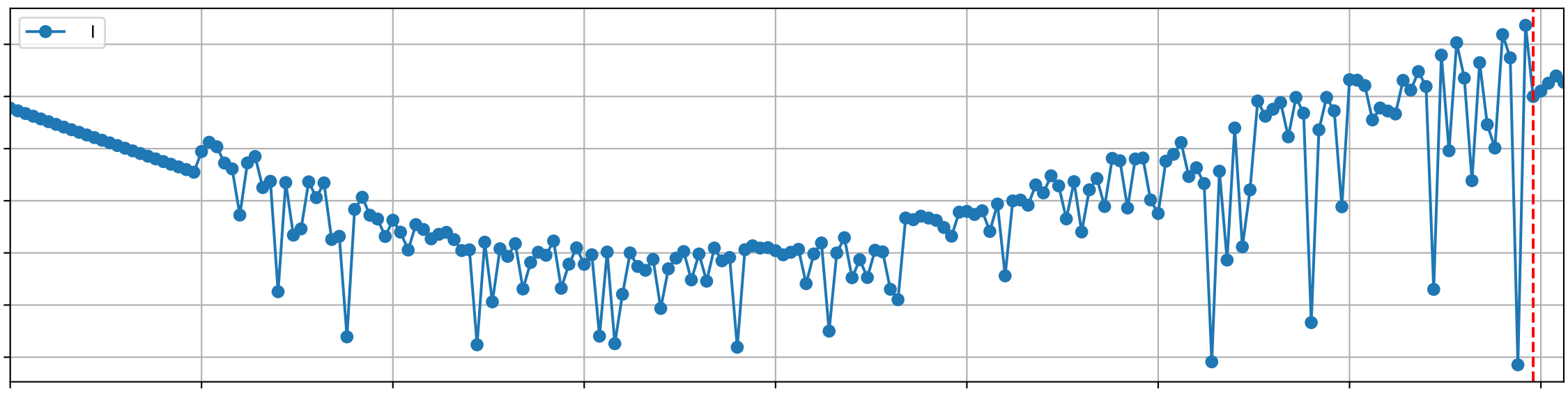
P2A1_0

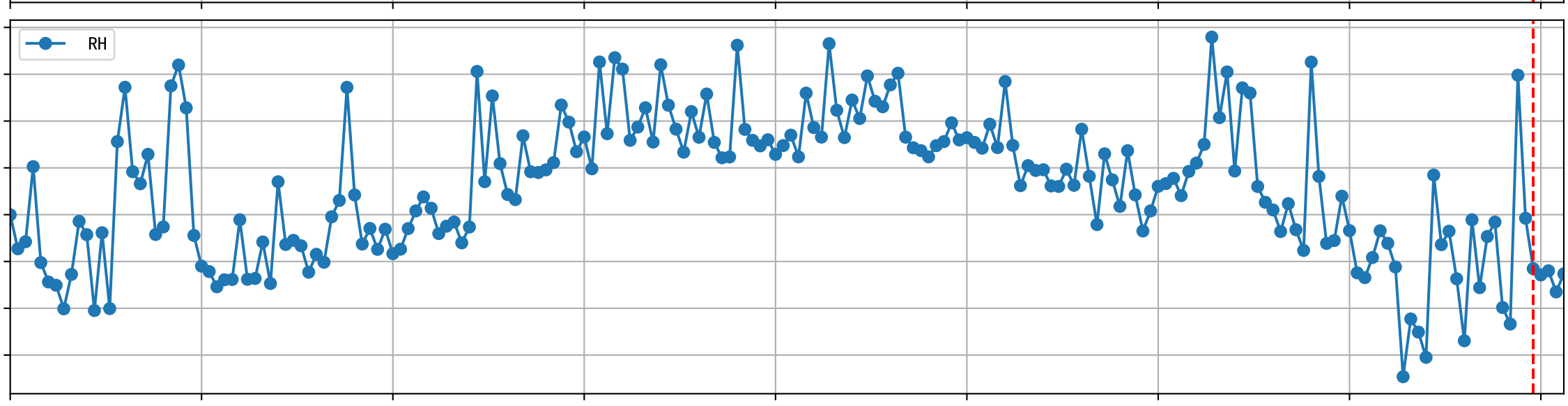


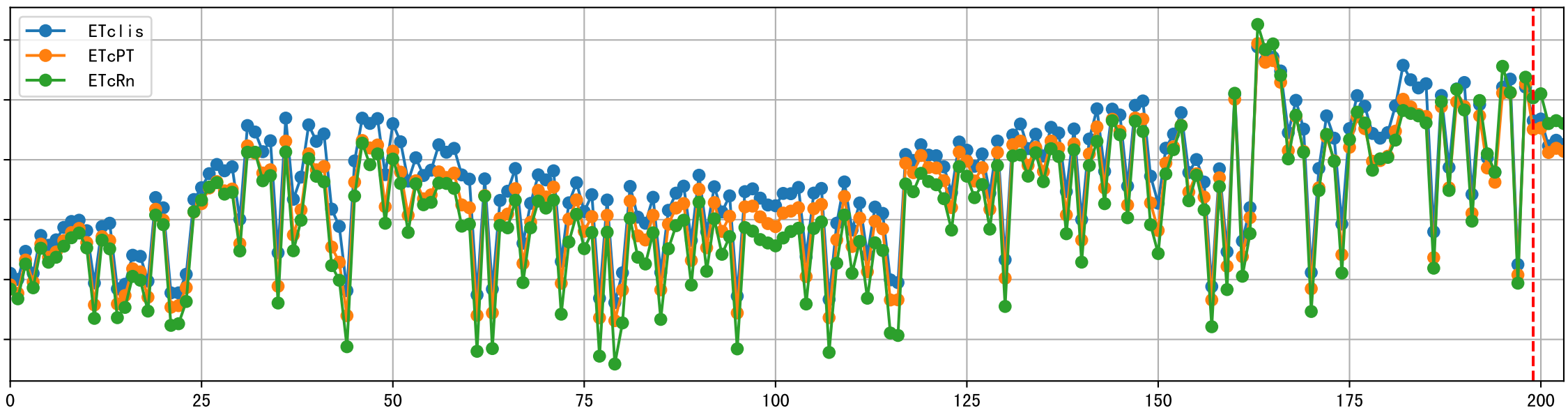




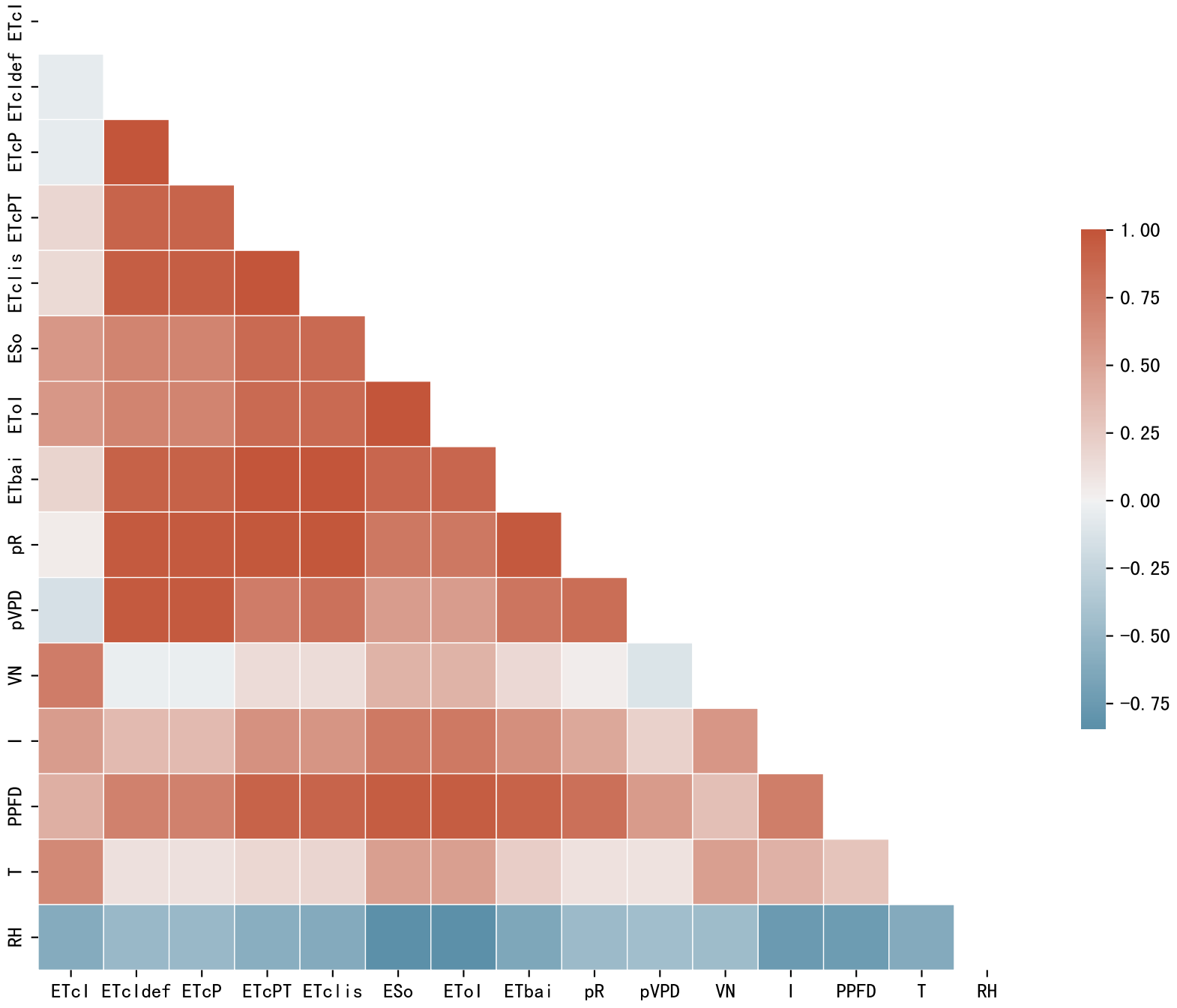


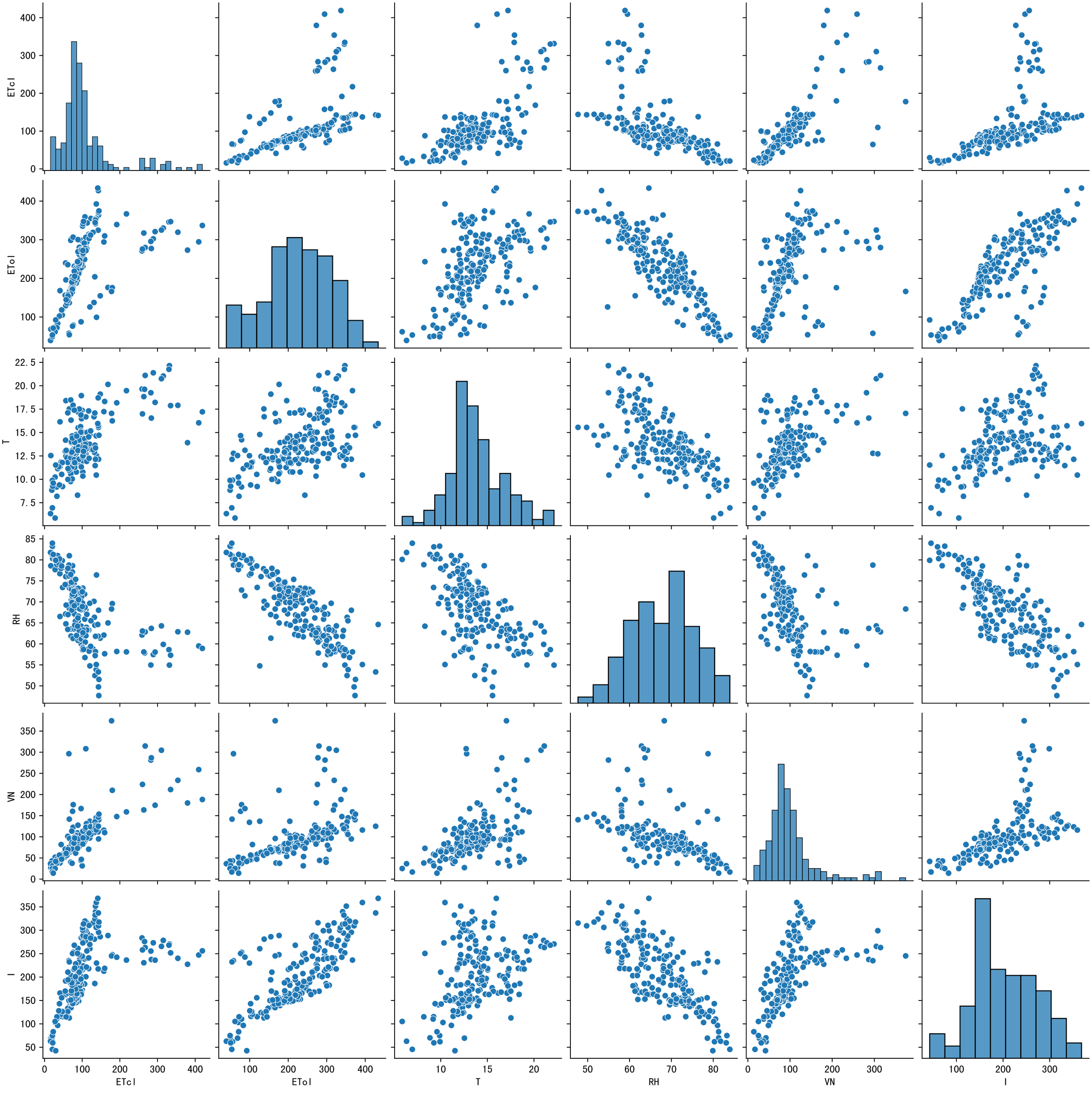


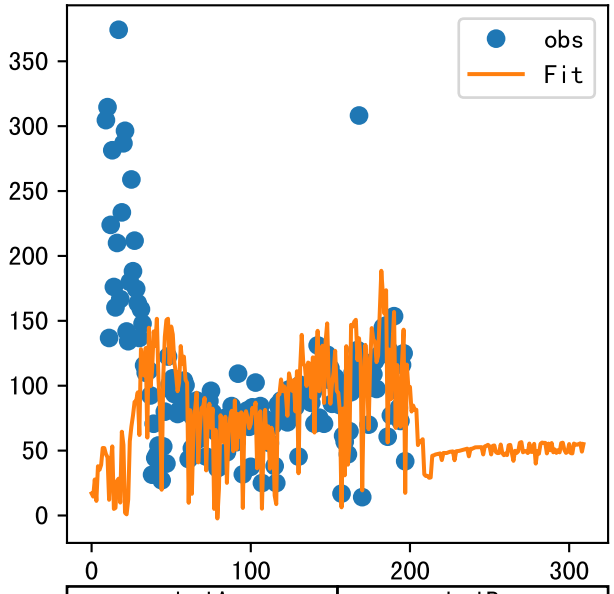


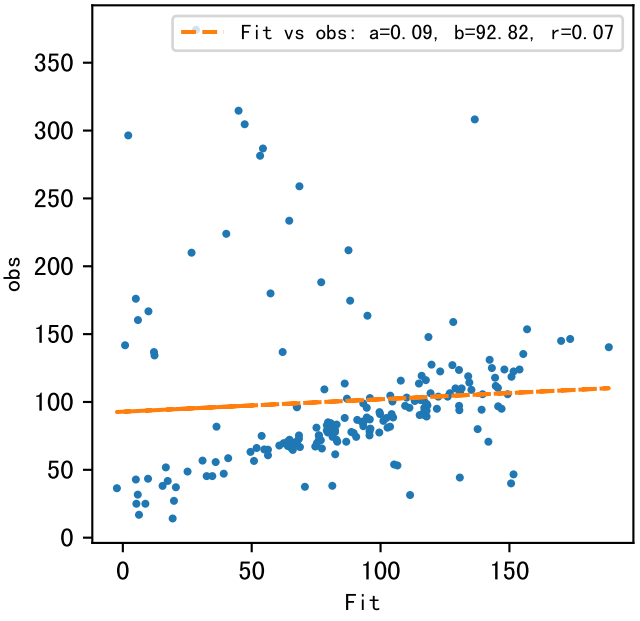


d

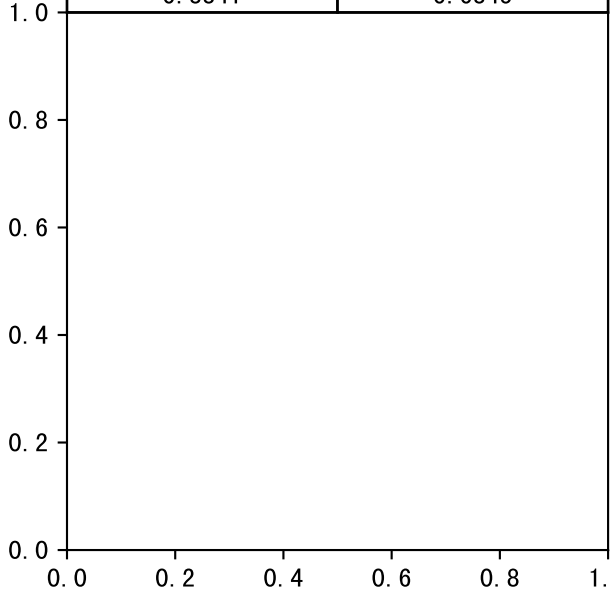

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

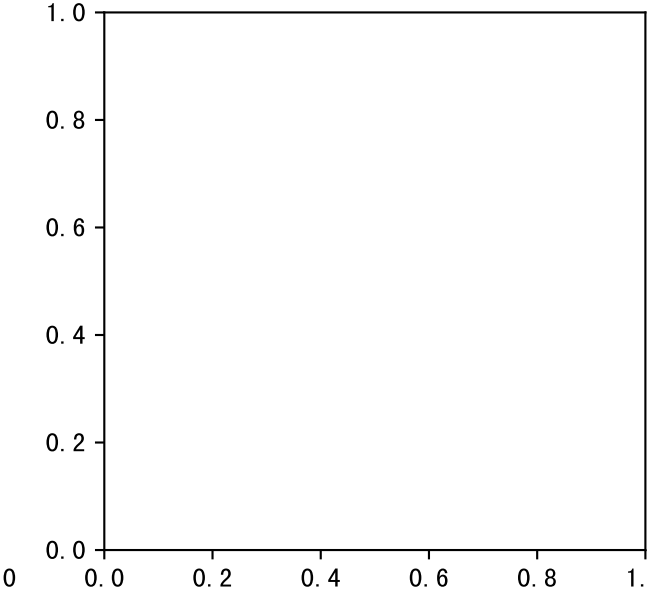

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

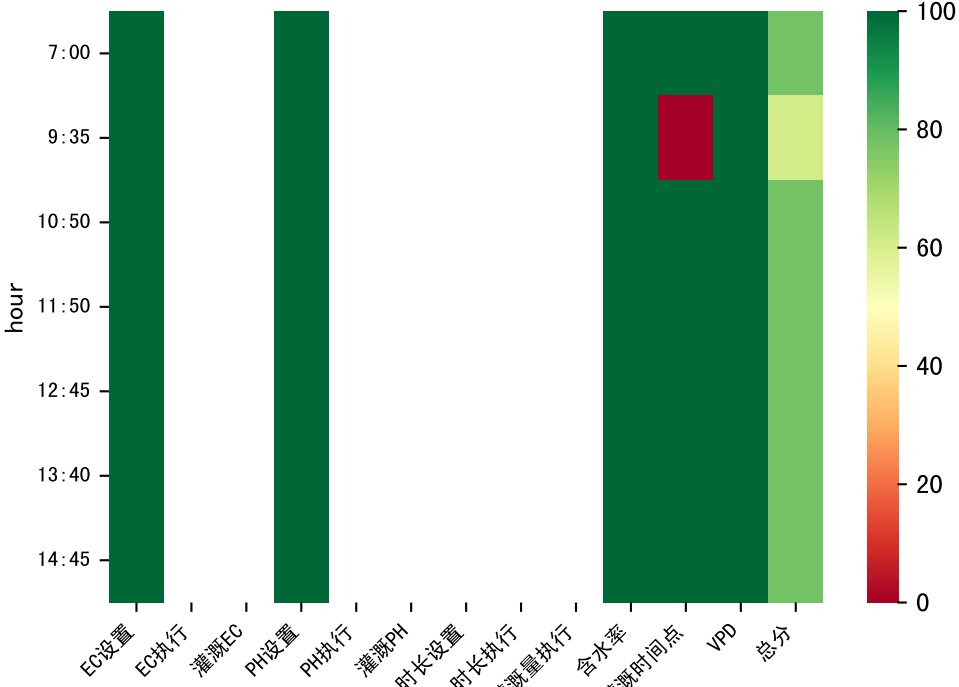




baiA	baiB
0.3341	0.0345

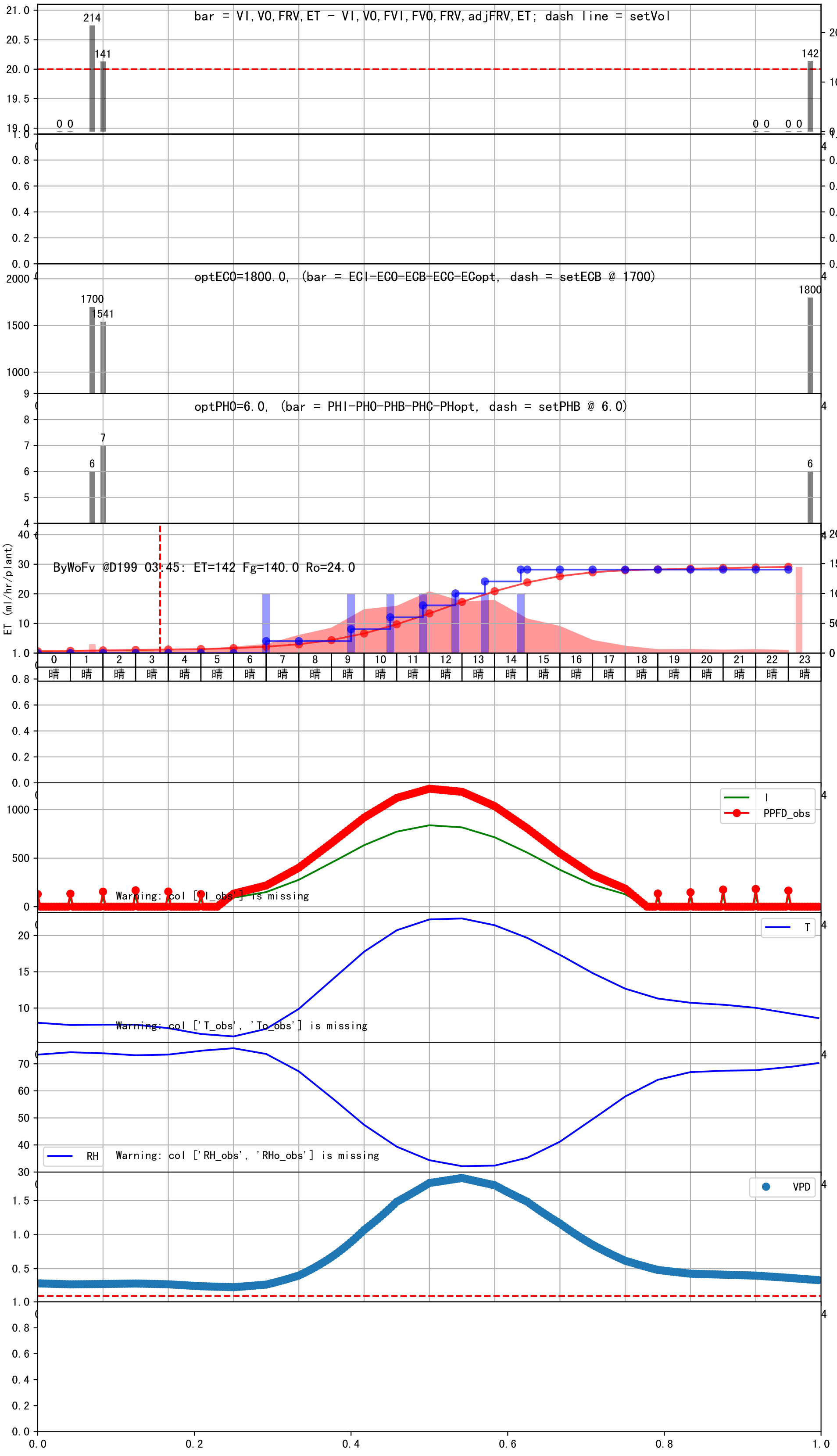


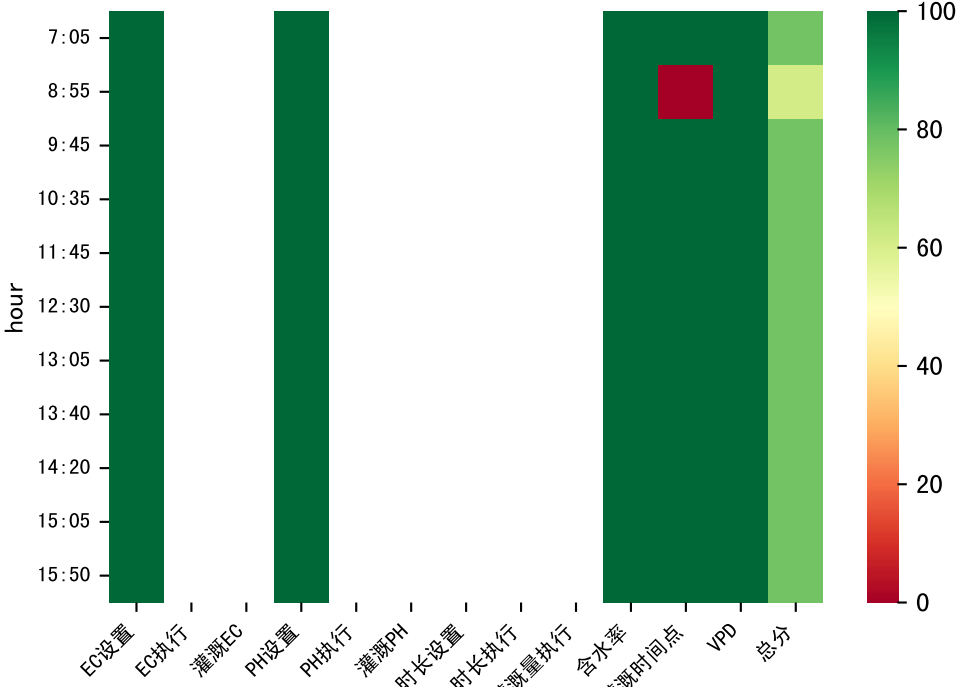



hour
7:00
9:35
10:50
11:50
12:45
13:40
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	143	20.0	0.441	晴	预期@07:00 自主（未用传感器）
09:35	143	20.0	0.441	晴	预期@09:35 自主（未用传感器）
10:50	143	20.0	0.441	晴	预期@10:50 自主（未用传感器）
11:50	143	20.0	0.441	晴	预期@11:50 自主（未用传感器）
12:45	143	20.0	0.441	晴	预期@12:45 自主（未用传感器）
13:40	143	20.0	0.441	晴	预期@13:40 自主（未用传感器）
14:45	143	20.0	0.441	晴	预期@14:45 自主（未用传感器）
总计	1001.0 (7次)	140.0			建议进液EC：1700， PH：6.0

P2A1_0, Day=199 (2026-04-11)

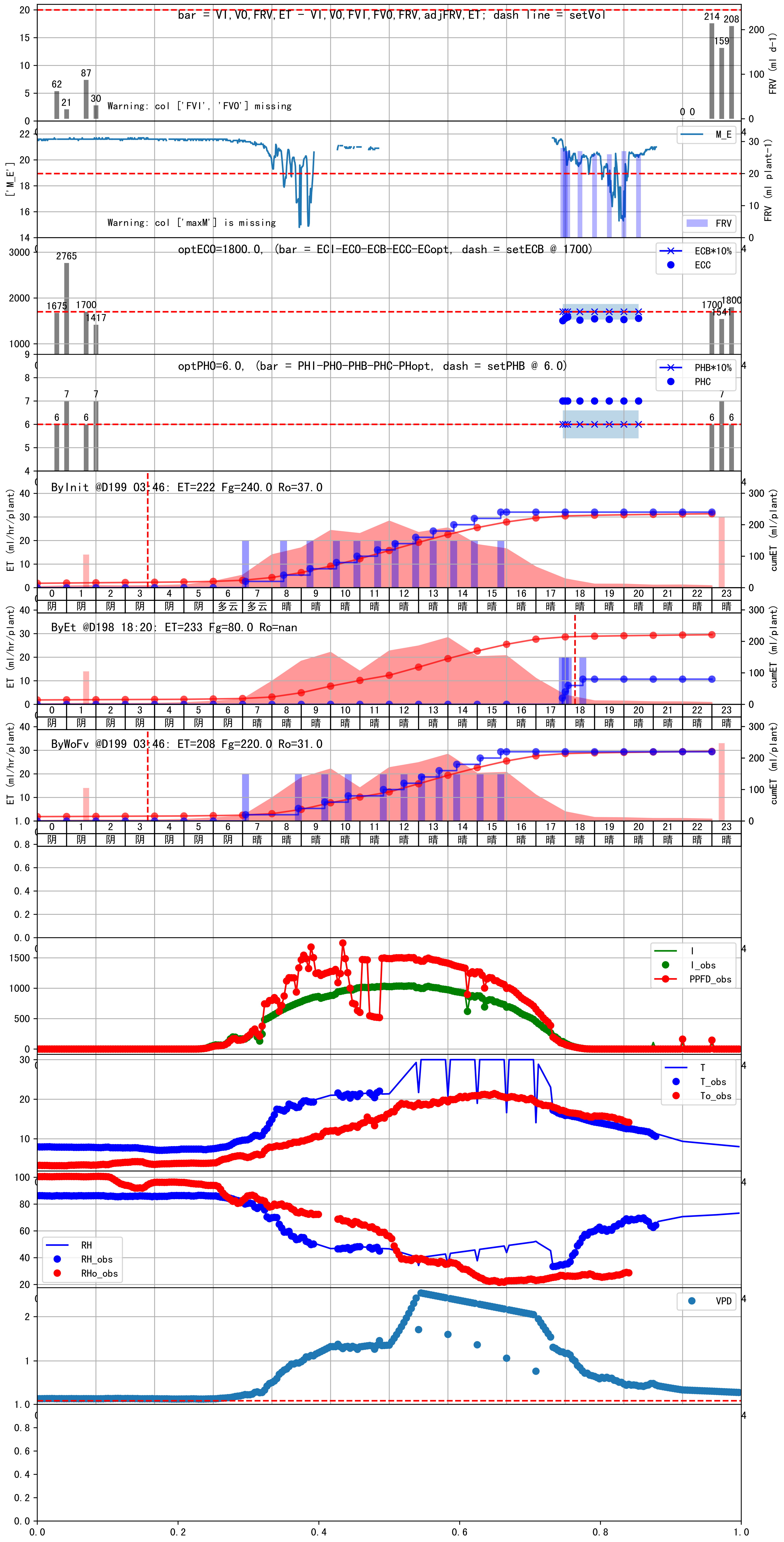


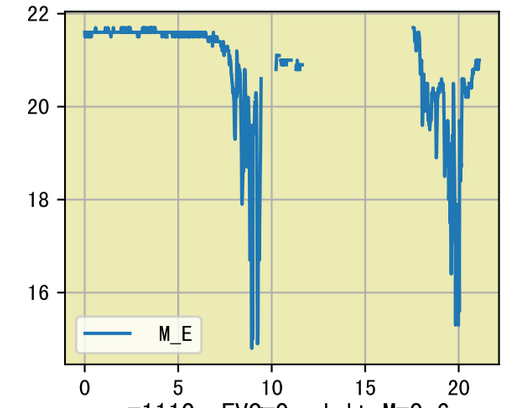

hour
7:05
8:55
9:45
10:35
11:45
12:30
13:05
13:40
14:20
15:05
15:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

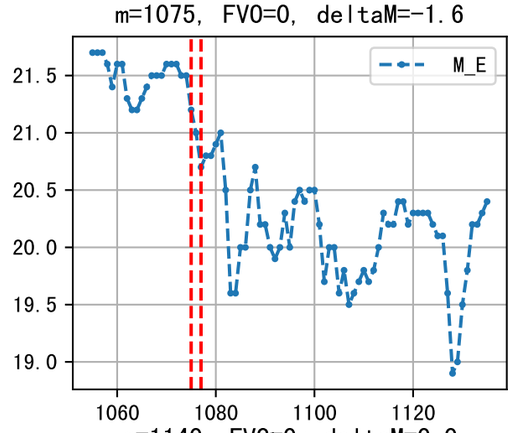
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	142	20.0	0.441	晴	假设@07:05 自动（未用传感器）
08:55	142	20.0	0.441	晴	假设@08:55 自动（未用传感器）
09:45	142	20.0	0.441	晴	假设@09:45 自动（未用传感器）
10:35	142	20.0	0.441	晴	假设@10:35 自动（未用传感器）
11:45	142	20.0	0.441	晴	假设@11:45 自动（未用传感器）
12:30	142	20.0	0.441	晴	假设@12:30 自动（未用传感器）
13:05	142	20.0	0.441	晴	假设@13:05 自动（未用传感器）
13:40	142	20.0	0.441	晴	假设@13:40 自动（未用传感器）
14:20	142	20.0	0.441	晴	假设@14:20 自动（未用传感器）
15:05	142	20.0	0.441	晴	假设@15:05 自动（未用传感器）
15:50	142	20.0	0.441	晴	假设@15:50 自动（未用传感器）
总计	1562.0 (11次)	220.0			建议进液EC：1700， PH：6.0

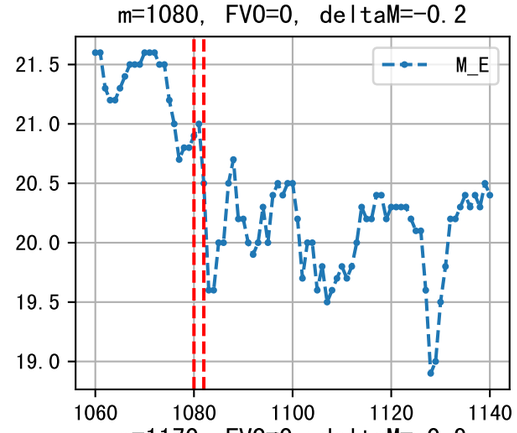
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (26.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

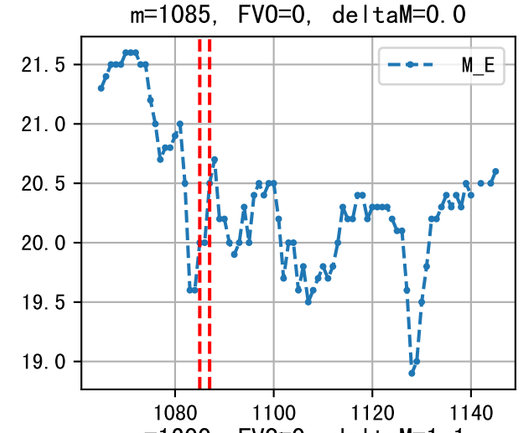
P2A1_0, Day=198.0 (2026-04-10)

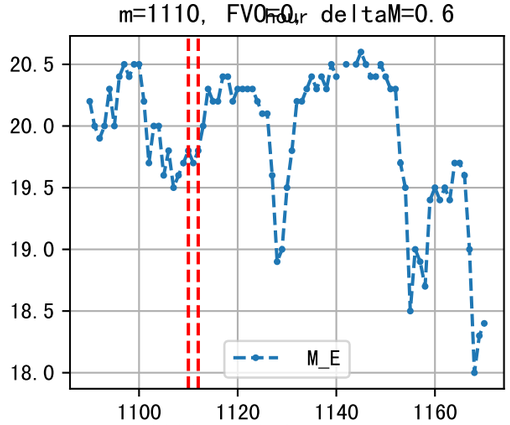


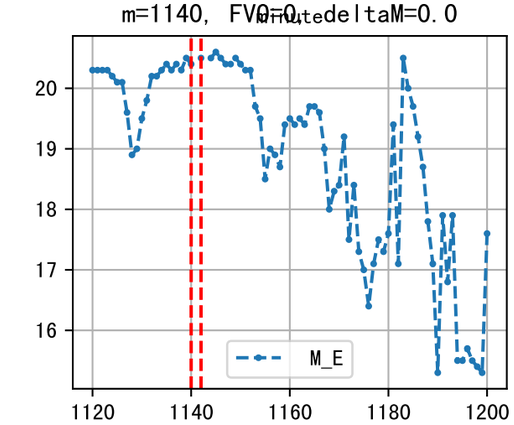

M_E
22
20
18
16
0
5
10
15
20

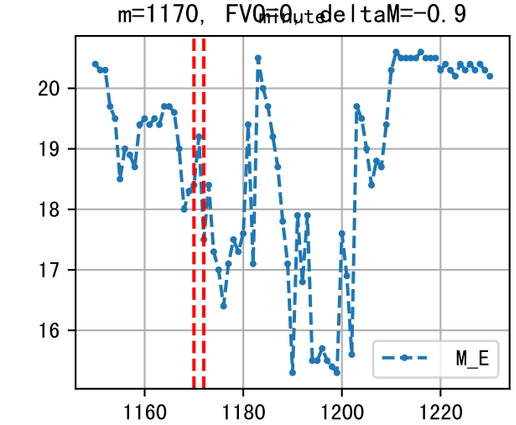

m=1075, FVO=0, deltaM=-1.6
M_E
21.5
21.0
20.5
20.0
19.5
19.0
1060
1080
1100
1120

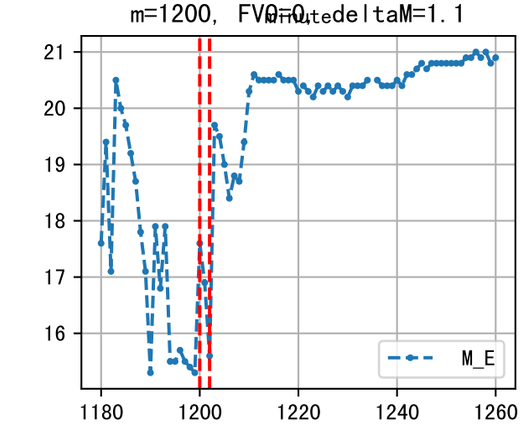

m=1080, FVO=0, deltaM=-0.2
M_E
21.5
21.0
20.5
20.0
19.5
19.0
1060
1080
1100
1120
1140

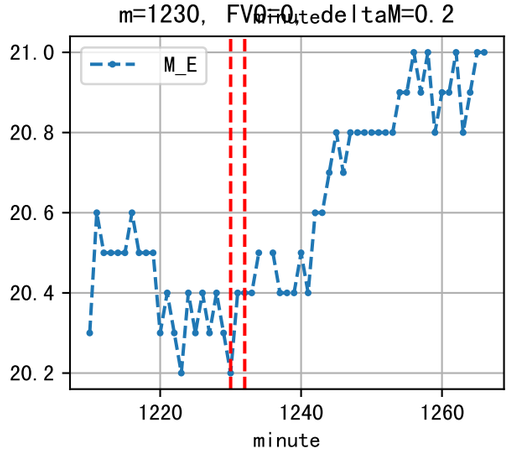

m=1085, FVO=0, deltaM=0.0
M_E
21.5
21.0
20.5
20.0
19.5
19.0
1080
1100
1120
1140

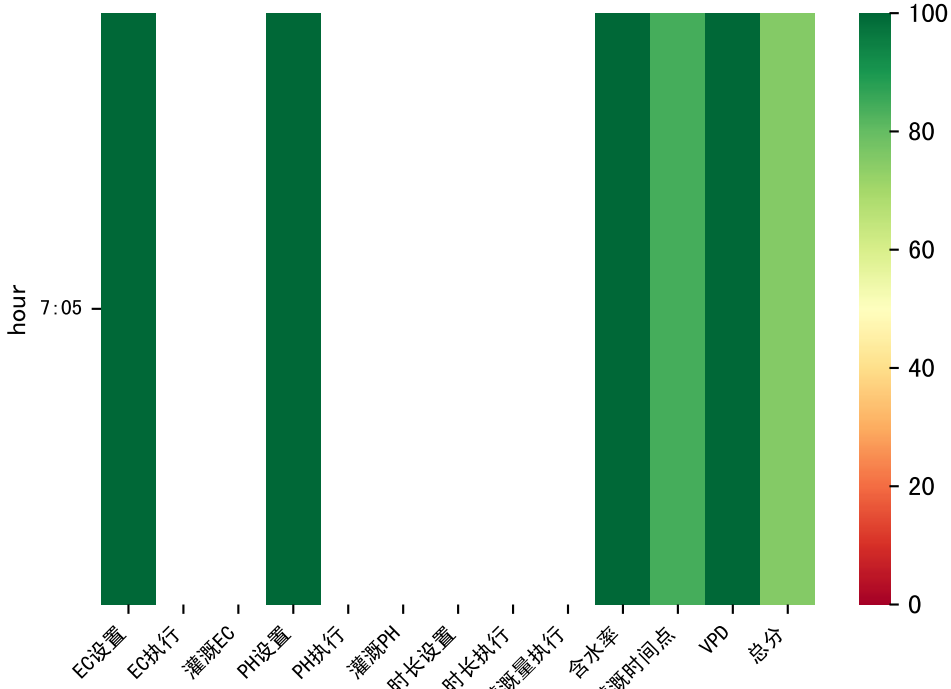

m=1110, FVO=0, deltaM=0.6
M_E
20.5
20.0
19.5
19.0
18.5
18.0
1100
1120
1140
1160


m=1140, FVO=0, deltaM=0.0
M_E
20
19
18
17
16
1120
1140
1160
1180
1200
minute


m=1170, FVO=0, deltaM=-0.9
M_E
20
19
18
17
16
1160
1180
1200
1220
minute


m=1200, FVO=0, deltaM=1.1
M_E
21
20
19
18
17
16
1180
1200
1220
1240
1260
minute

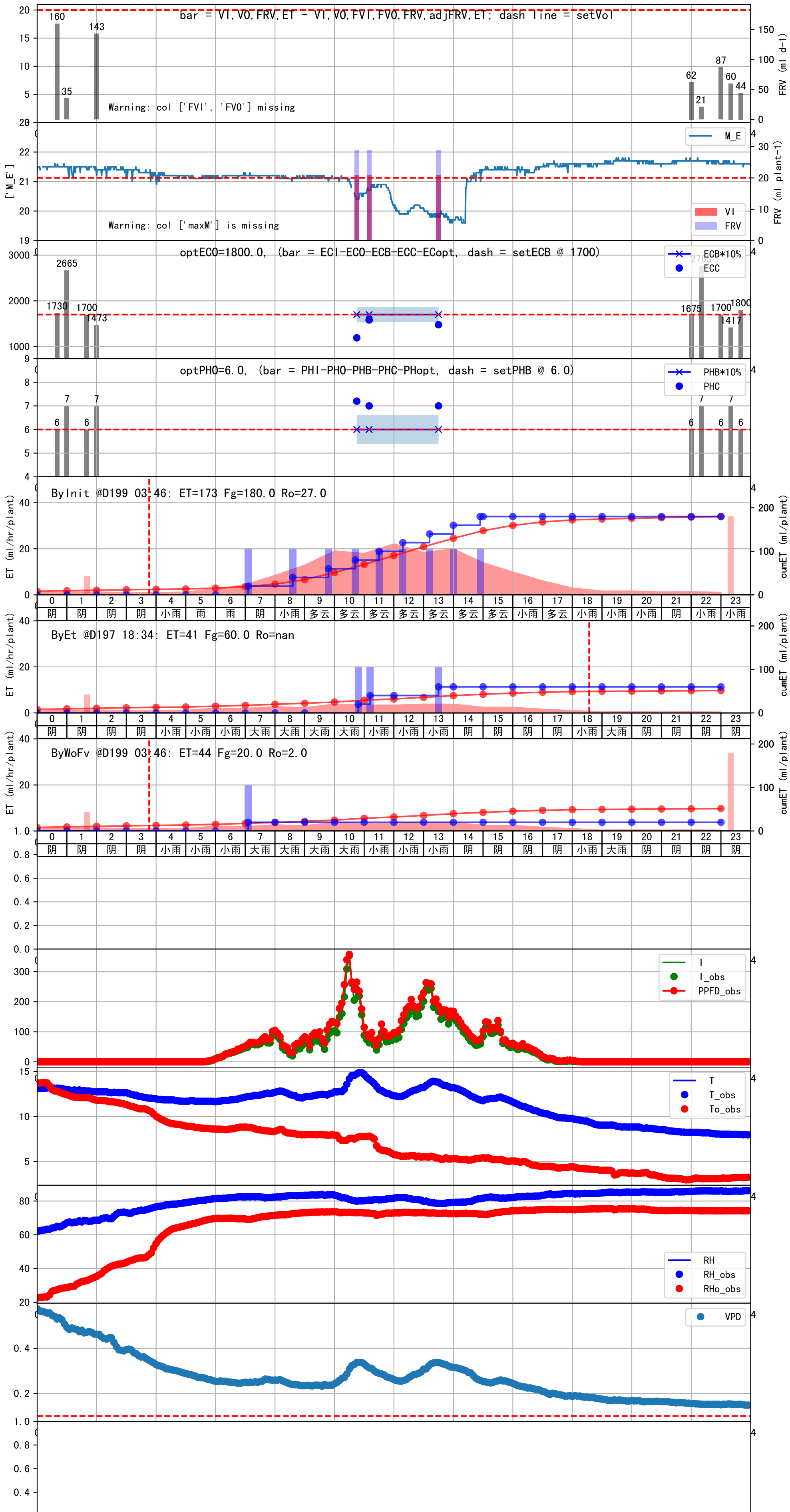

m=1230, FVO=0, deltaM=0.2
M_E
21.0
20.8
20.6
20.4
20.2
1220
1240
1260
minute

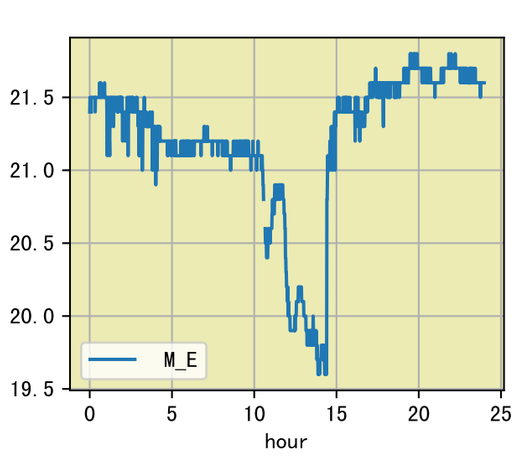

hour
7:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

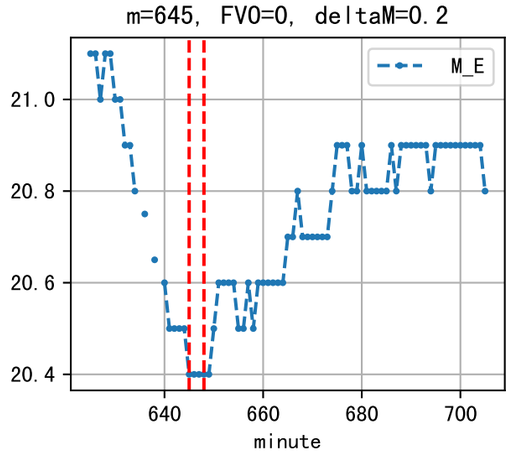
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	152	20.0	0.441	大雨	假设@07:05 自动（未用传感器）
总计	152.0 (1次)	20.0			建议进液EC：1700， PH：6.0

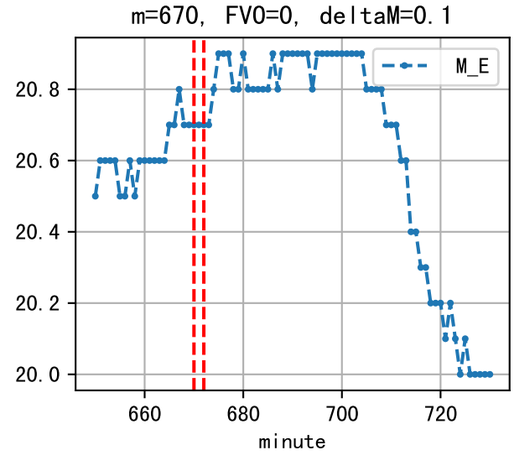
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (29.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

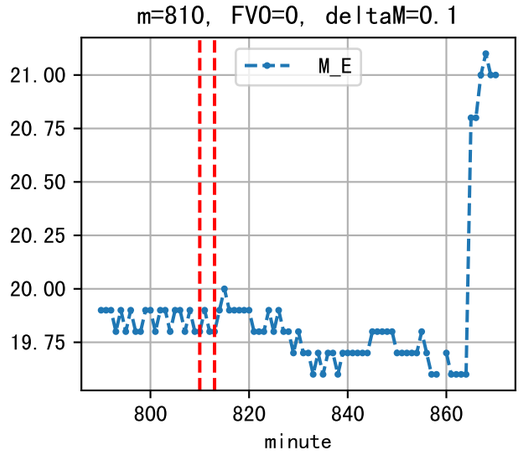
P2A1_0, Day=197.0 (2026-04-09)

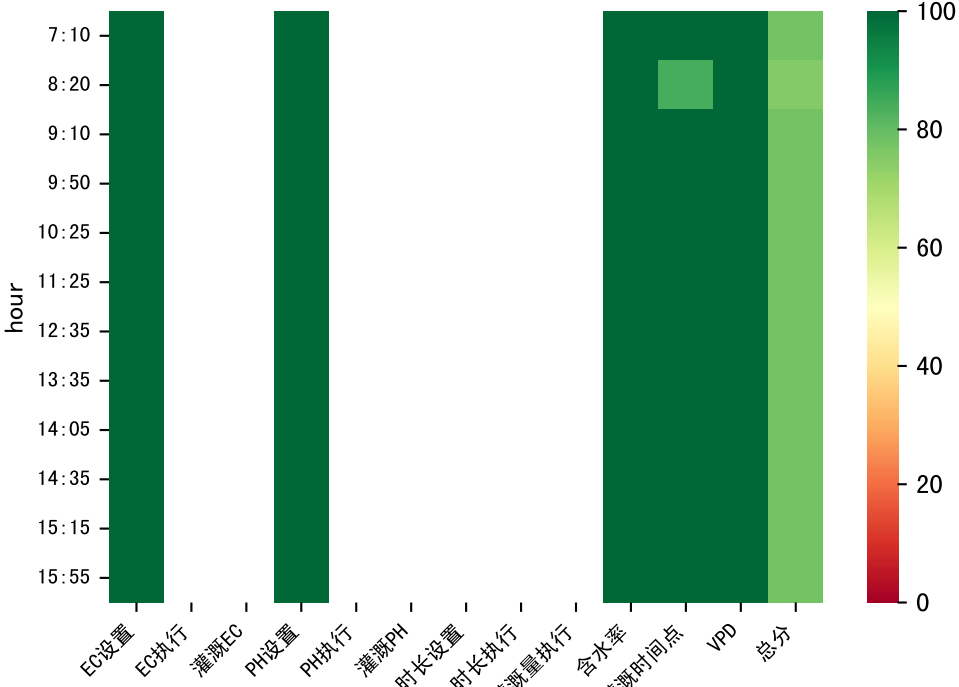



M_E
21.5
21.0
20.5
20.0
19.5
0
5
10
15
20
25
hour


m=645, FV0=0, deltaM=0.2
M_E
21.0
20.8
20.6
20.4
640
660
680
700
minute

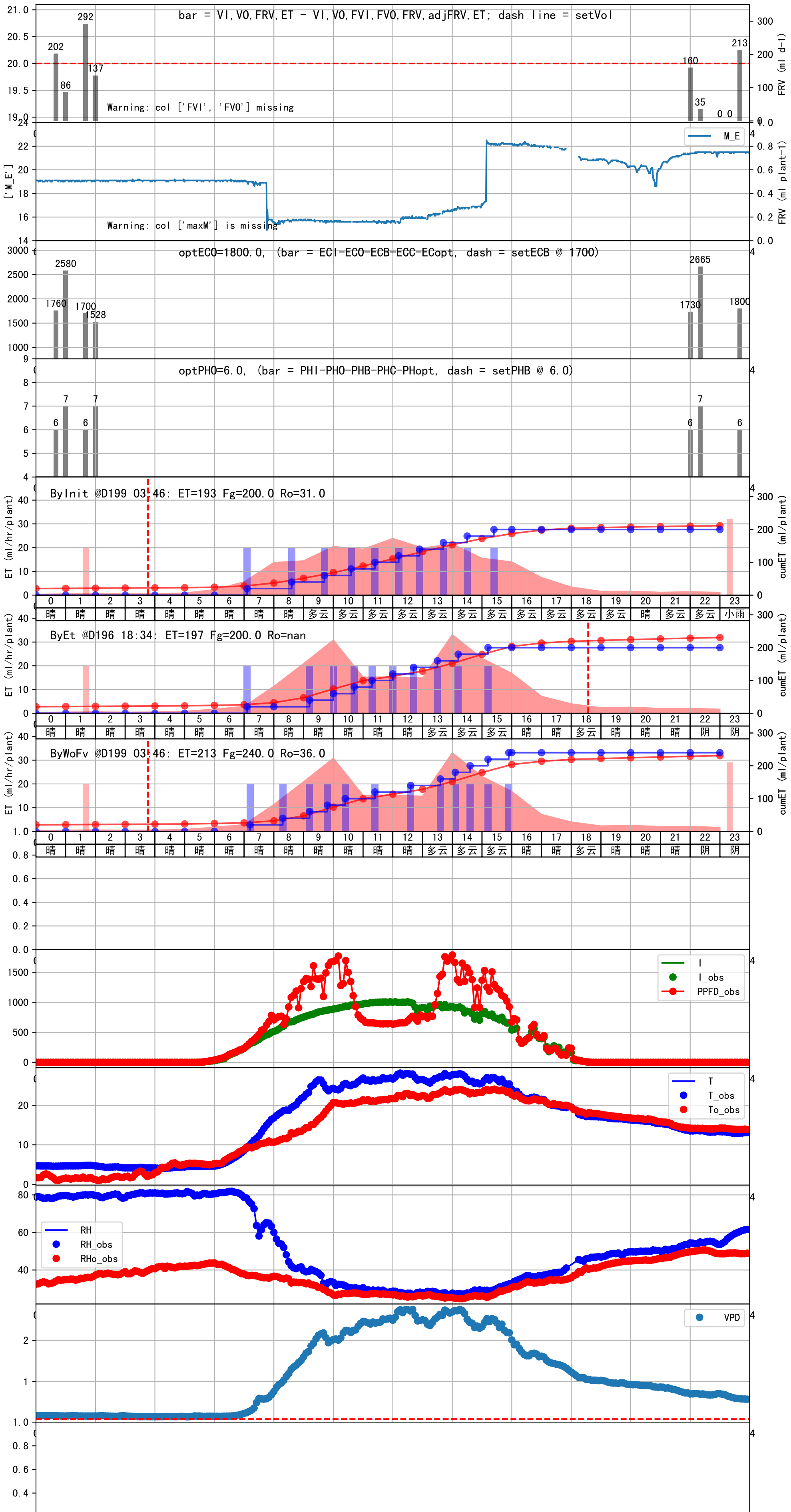

m=670, FV0=0, deltaM=0.1
M_E
20.8
20.6
20.4
20.2
20.0
660
680
700
720
minute

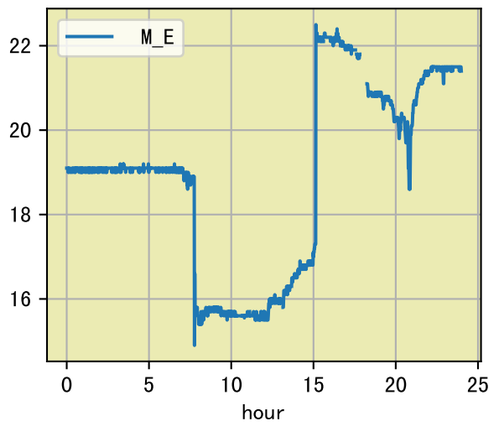

m=810, FV0=0, deltaM=0.1
M_E
21.00
20.75
20.50
20.25
20.00
19.75
800
820
840
860
minute

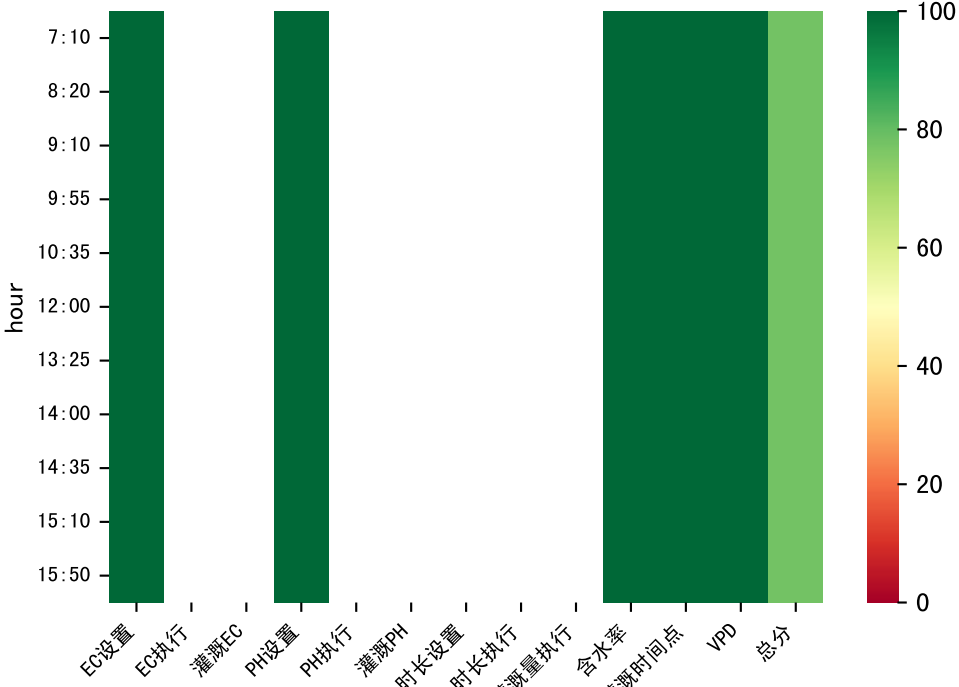

hour
7:10
8:20
9:10
9:50
10:25
11:25
12:35
13:35
14:05
14:35
15:15
15:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	154	20.0	0.441	晴	假设@07:10 未知程序（未用传感器）
08:20	154	20.0	0.441	晴	假设@08:20 未知程序（未用传感器）
09:10	154	20.0	0.441	晴	假设@09:10 未知程序（未用传感器）
09:50	154	20.0	0.441	晴	假设@09:50 未知程序（未用传感器）
10:25	154	20.0	0.441	晴	假设@10:25 未知程序（未用传感器）
11:25	154	20.0	0.441	晴	假设@11:25 未知程序（未用传感器）
12:35	154	20.0	0.441	晴	假设@12:35 未知程序（未用传感器）
13:35	154	20.0	0.441	多云	假设@13:35 未知程序（未用传感器）
14:05	154	20.0	0.441	多云	假设@14:05 未知程序（未用传感器）
14:35	154	20.0	0.441	多云	假设@14:35 未知程序（未用传感器）
15:15	154	20.0	0.441	多云	假设@15:15 未知程序（未用传感器）
15:55	154	20.0	0.441	多云	假设@15:55 未知程序（未用传感器）
总计	1848.0 (12次)	240.0			建议进液EC：1700， PH：6.0

P2A1_0, Day=196 (2026-04-08)



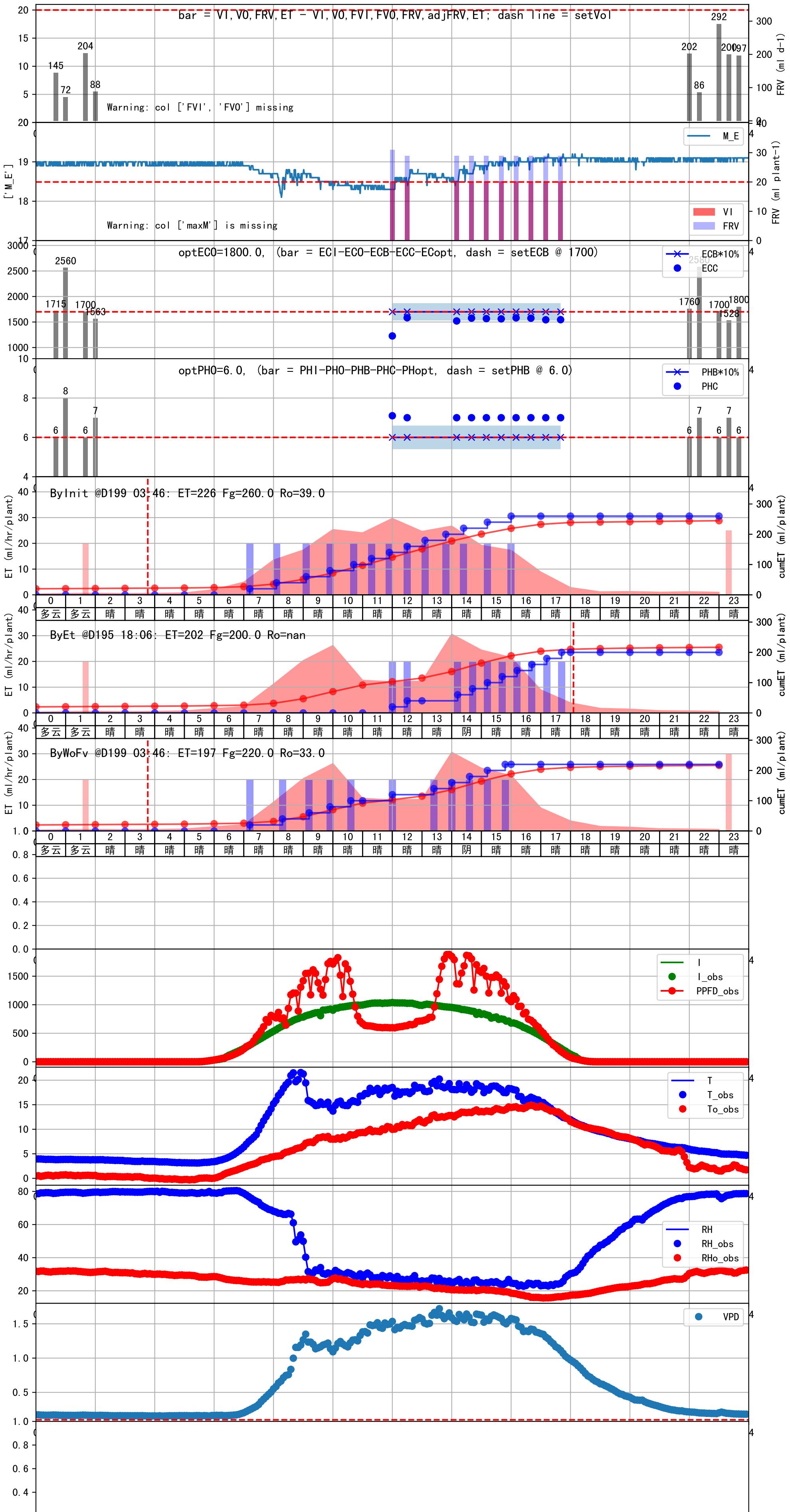

M_E
22
20
18
16
0
5
10
15
20
25
hour

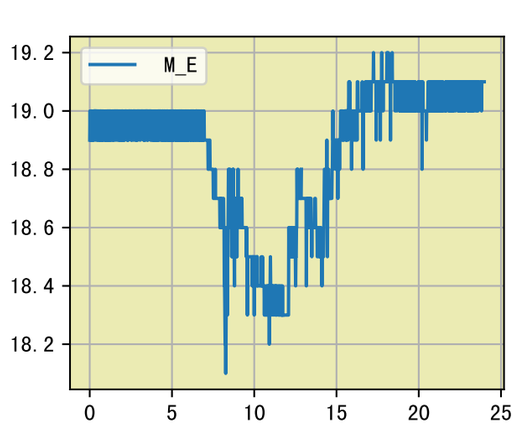

hour
7:10
8:20
9:10
9:55
10:35
12:00
13:25
14:00
14:35
15:10
15:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

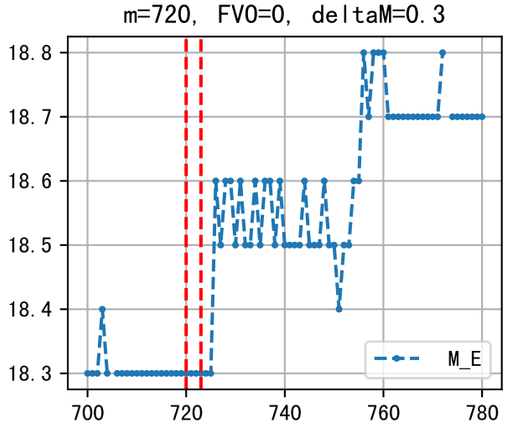
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	154	20.0	0.441	晴	假设@07:10 自动（未用传感器）
08:20	154	20.0	0.441	晴	假设@08:20 自动（未用传感器）
09:10	154	20.0	0.441	晴	假设@09:10 自动（未用传感器）
09:55	154	20.0	0.441	晴	假设@09:55 自动（未用传感器）
10:35	154	20.0	0.441	晴	假设@10:35 自动（未用传感器）
12:00	154	20.0	0.441	晴	假设@12:00 自动（未用传感器）
13:25	154	20.0	0.441	晴	假设@13:25 自动（未用传感器）
14:00	154	20.0	0.441	阴	假设@14:00 自动（未用传感器）
14:35	154	20.0	0.441	阴	假设@14:35 自动（未用传感器）
15:10	154	20.0	0.441	晴	假设@15:10 自动（未用传感器）
15:50	154	20.0	0.441	晴	假设@15:50 自动（未用传感器）
总计	1694.0 (11次)	220.0			建议进液EC：1700， PH：6.0

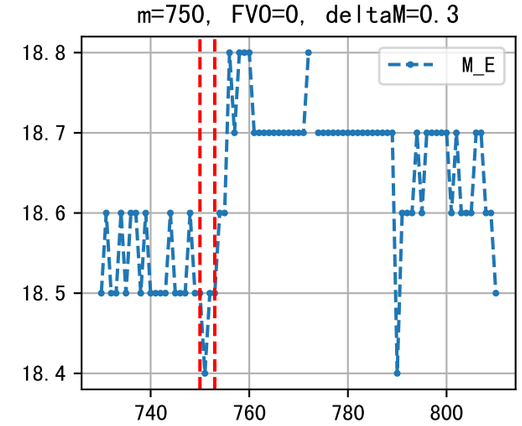
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (29.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

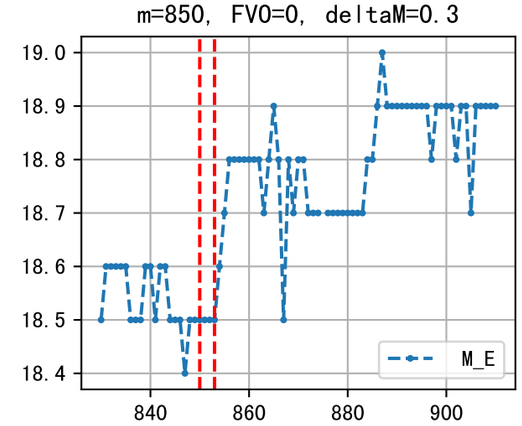
P2A1_0, Day=195.0 (2026-04-07)

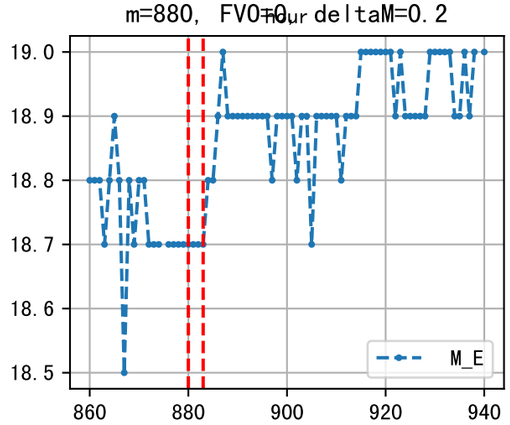


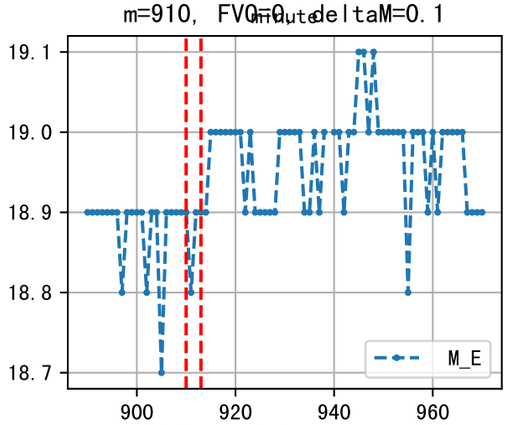

M_E

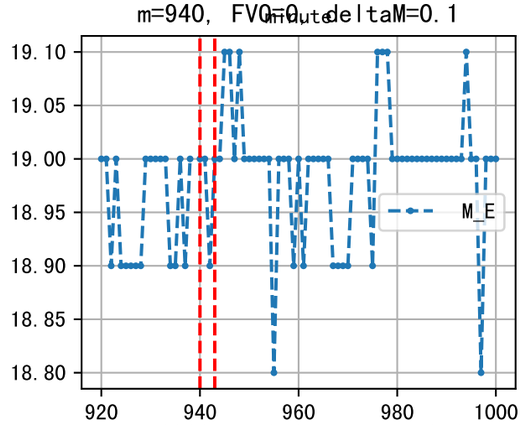

m=720, FV0=0, deltaM=0.3
M_E

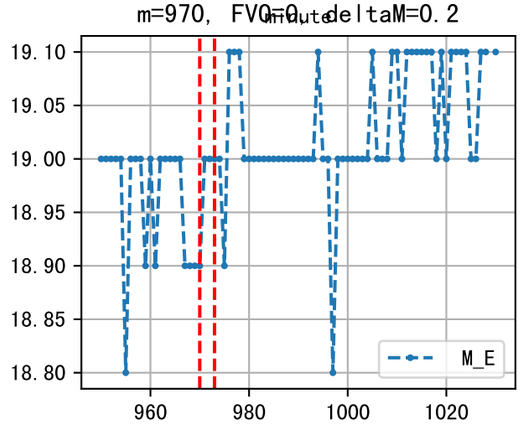

m=750, FV0=0, deltaM=0.3
M_E

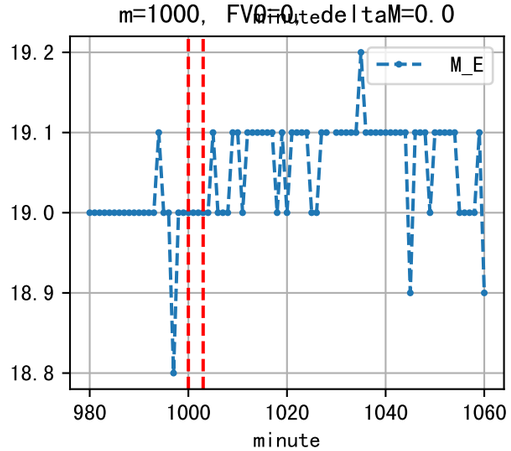

m=850, FV0=0, deltaM=0.3
M_E

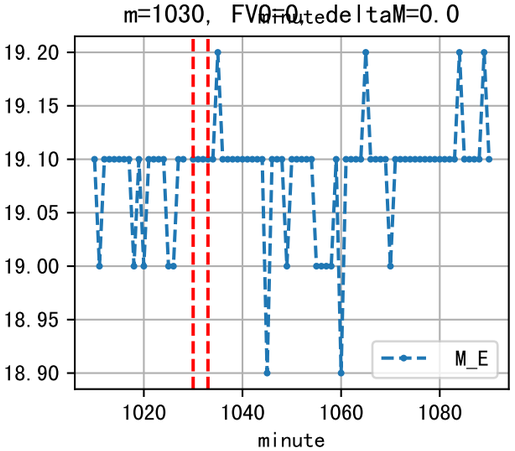

m=880, FV0=0, deltaM=0.2
M_E

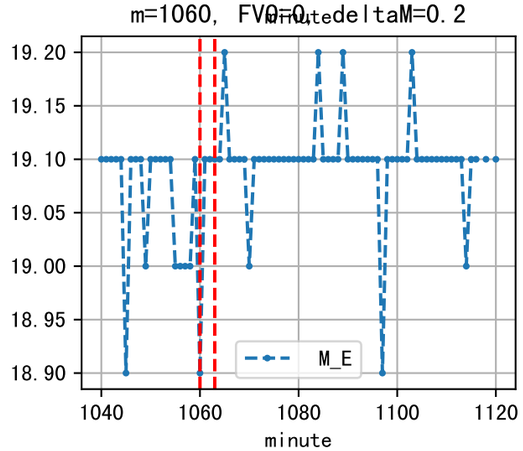

m=910, FV0=0, deltaM=0.1
M_E


m=940, FV0=0, deltaM=0.1
M_E


m=970, FV0=0, deltaM=0.2
M_E
minute


m=1000, FV0=0, deltaM=0.0
M_E
minute


m=1030, FV0=0, deltaM=0.0
M_E
minute


m=1060, FV0=0, deltaM=0.2
M_E
minute