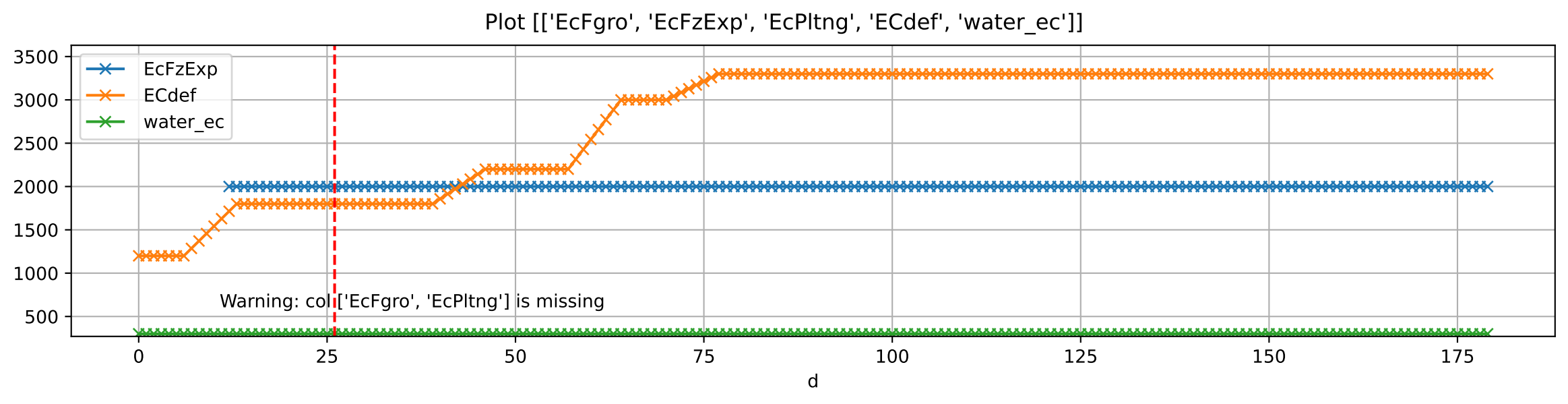
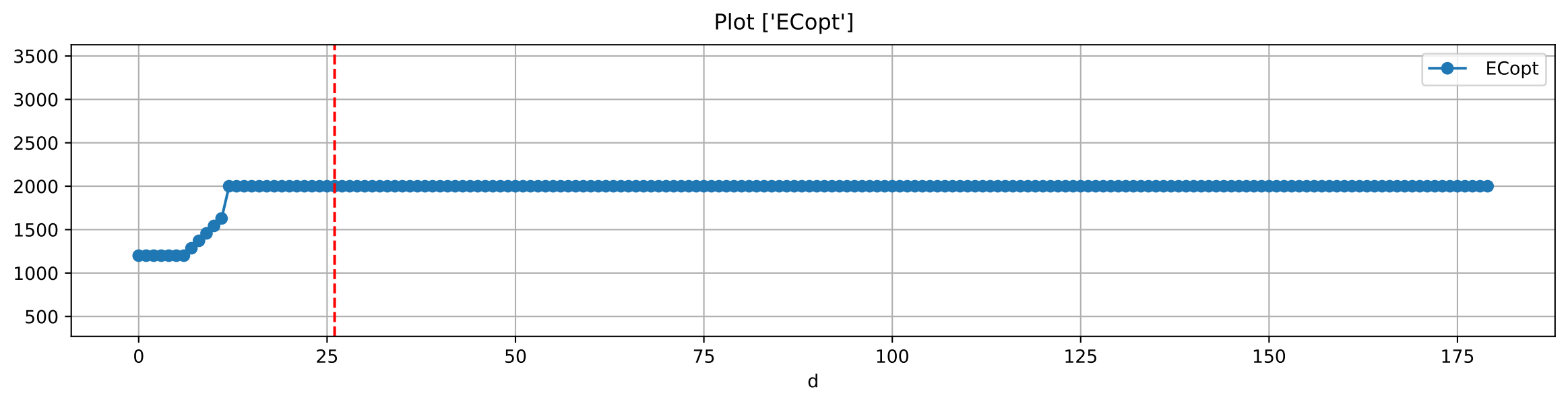
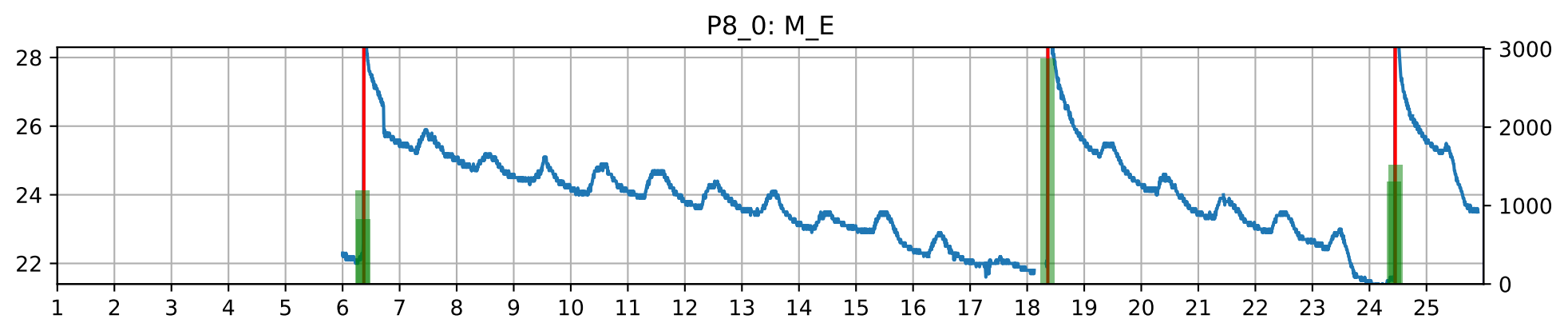
*FgArea:*
*NC11 P8*
*2025-04-30 (Day 26)*


Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

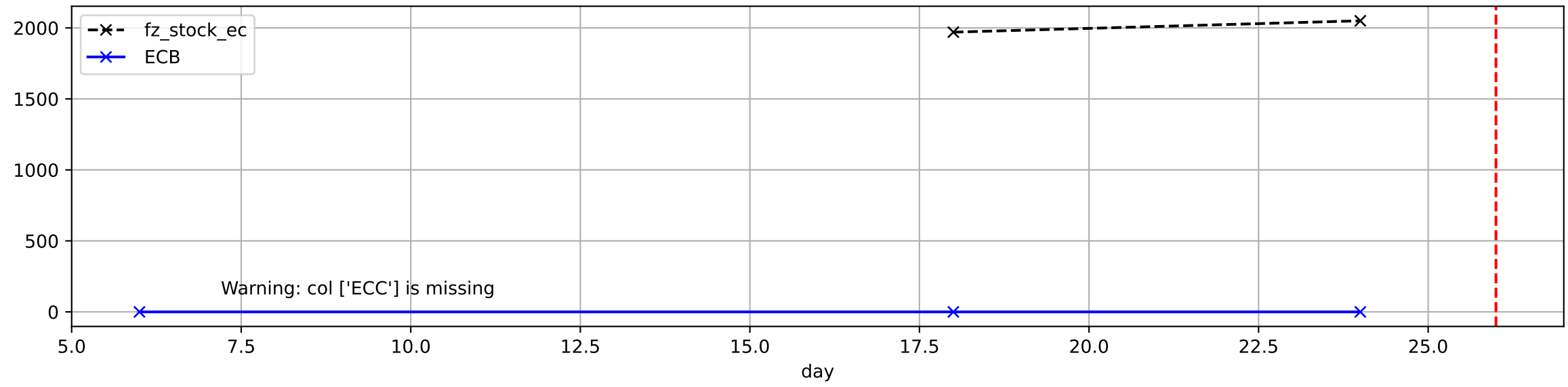

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

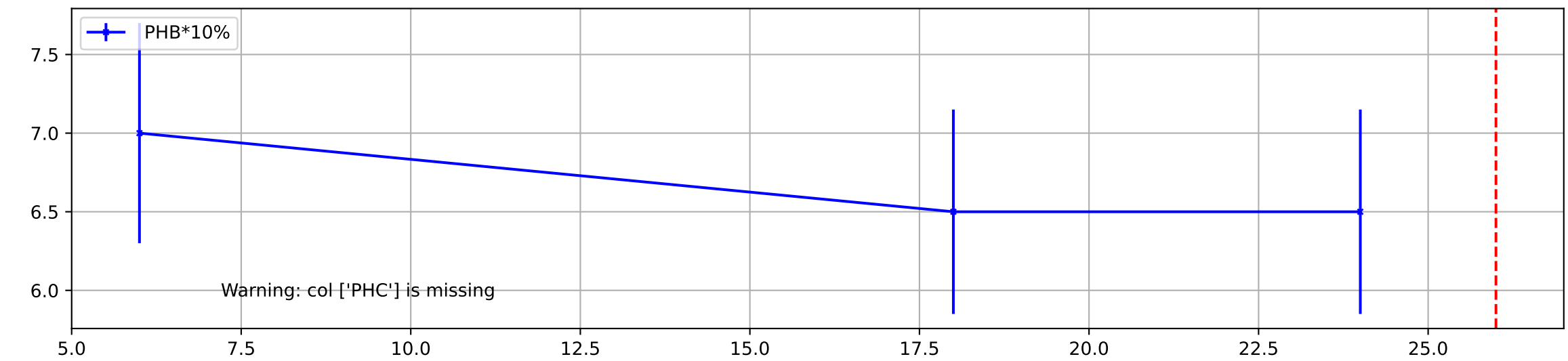

P8_0: M_E
28
26
24
22
3000
2000
1000
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

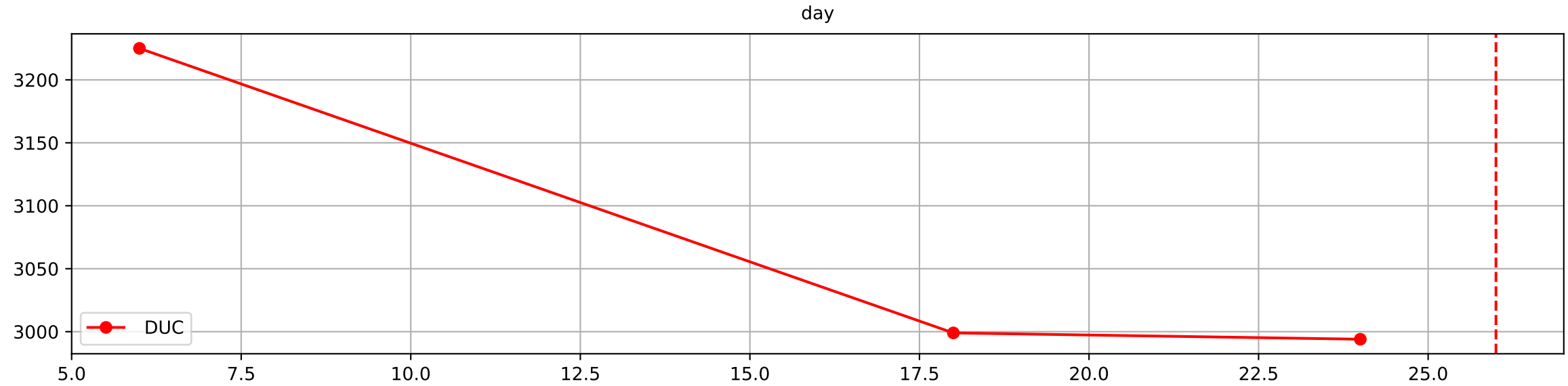
plot dfFv

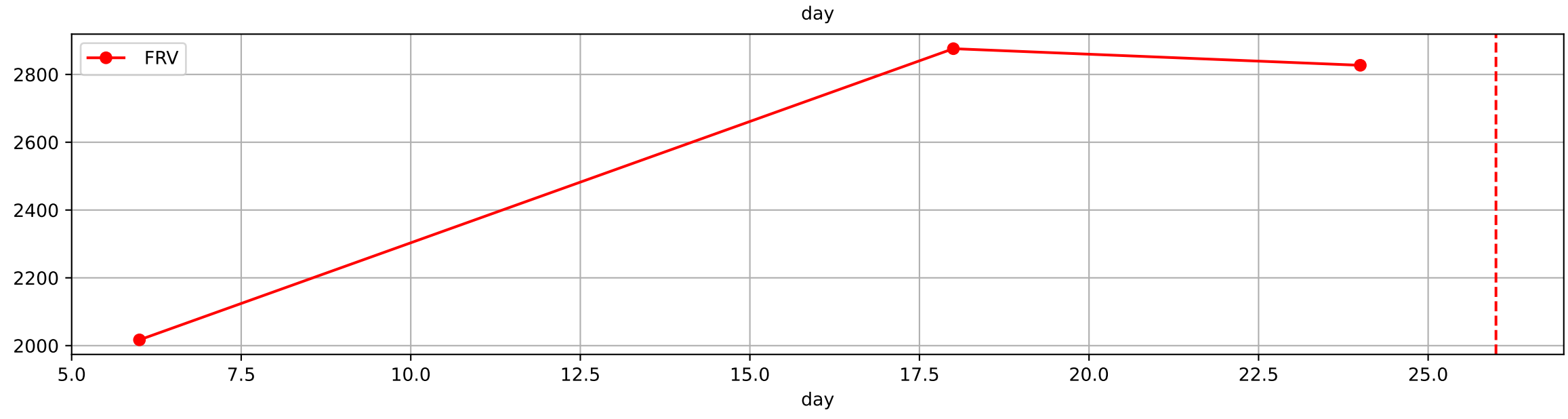

fz_stock_ec
ECB
Warning: col ['ECC'] is missing
day
PHB*10%
Warning: col ['PHC'] is missing
day
DUC
day
FRV
day
FRC
day
FDF
day
FV_score
day

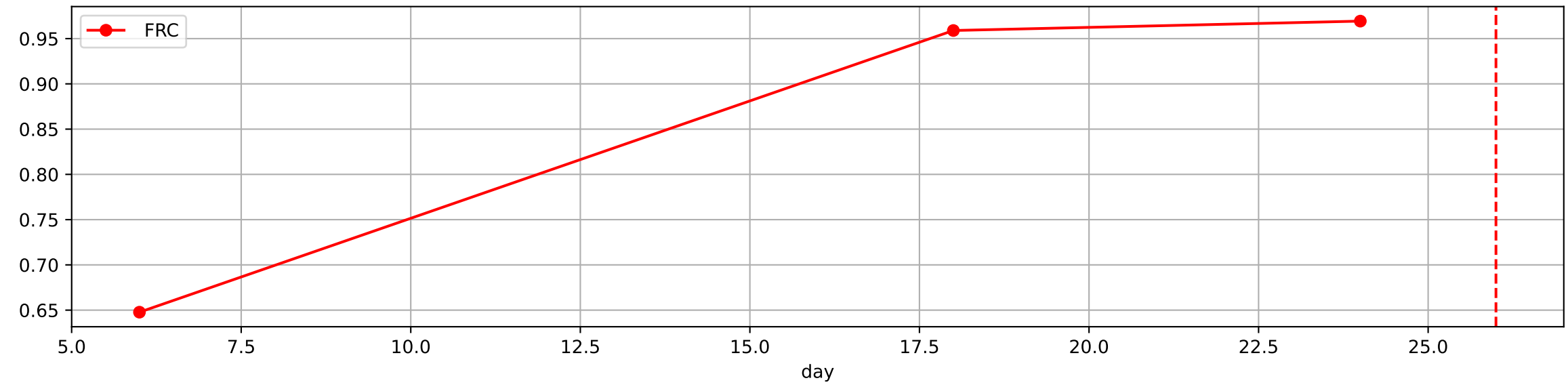
plot dfFv (daily Agg)

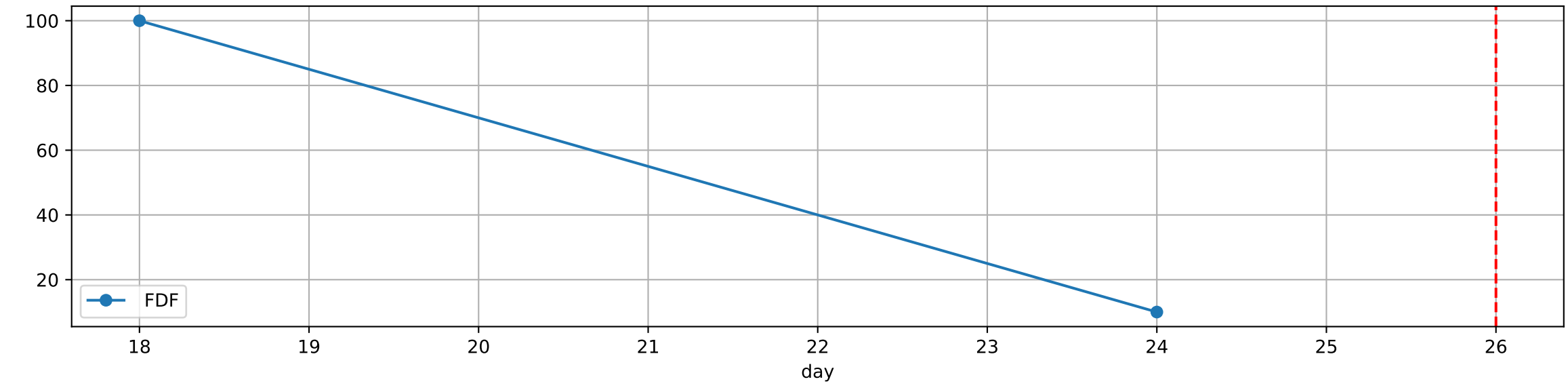


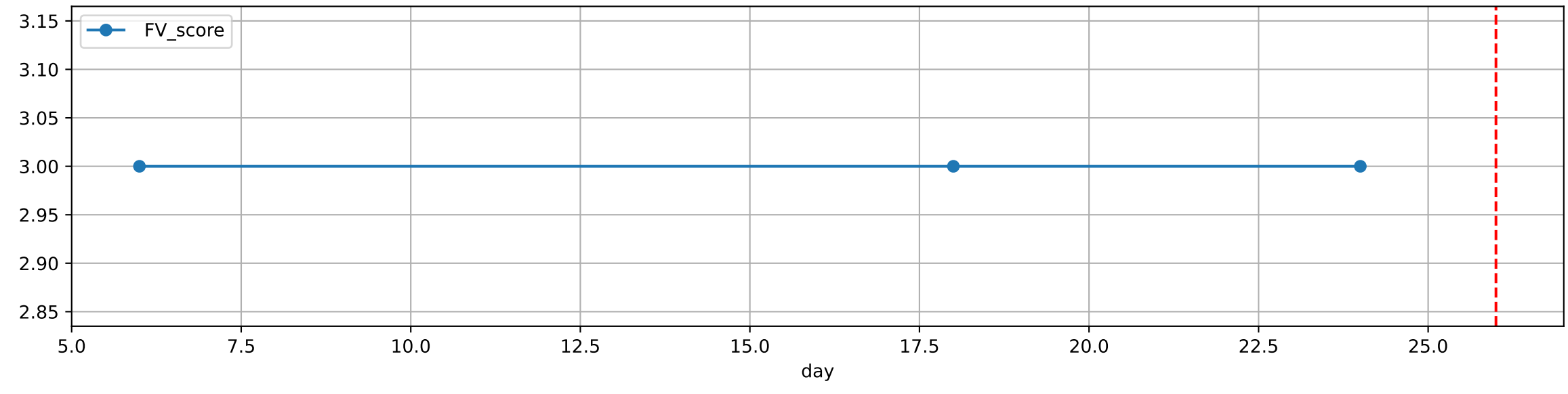



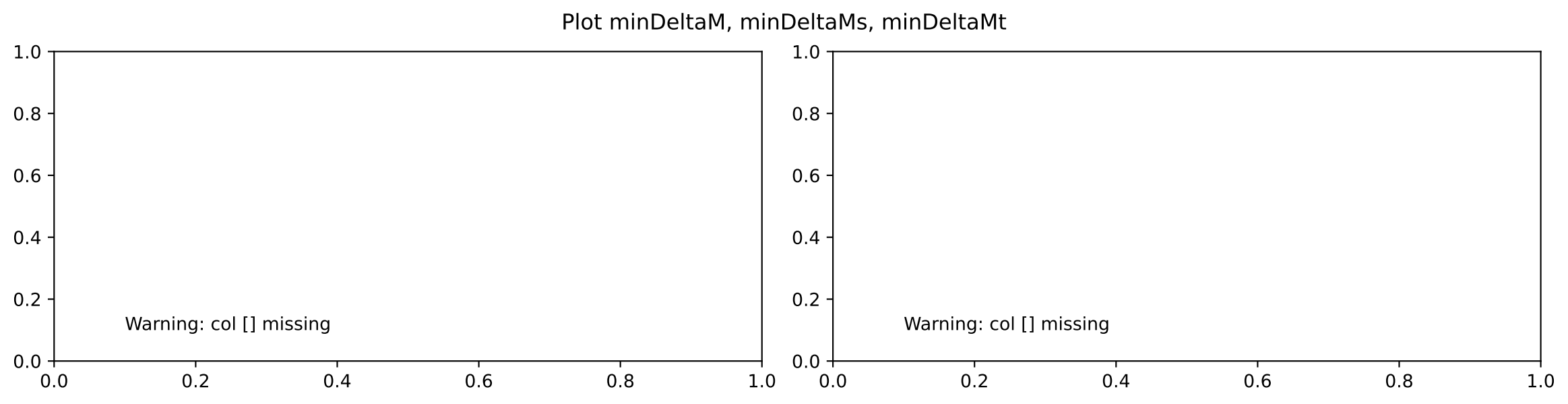



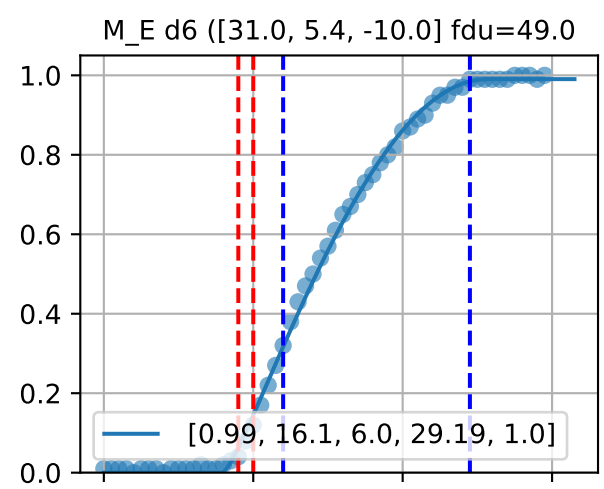



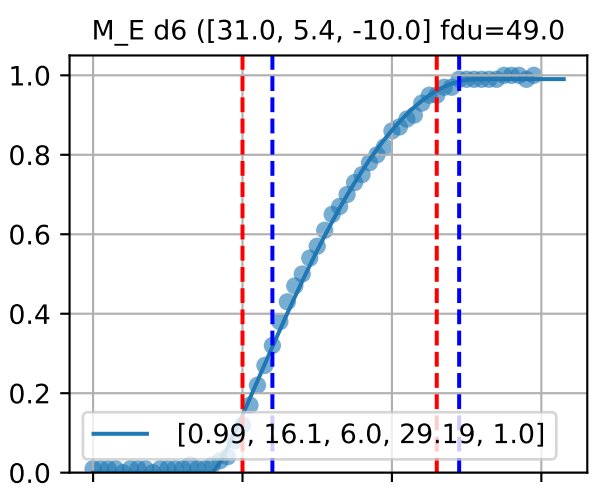



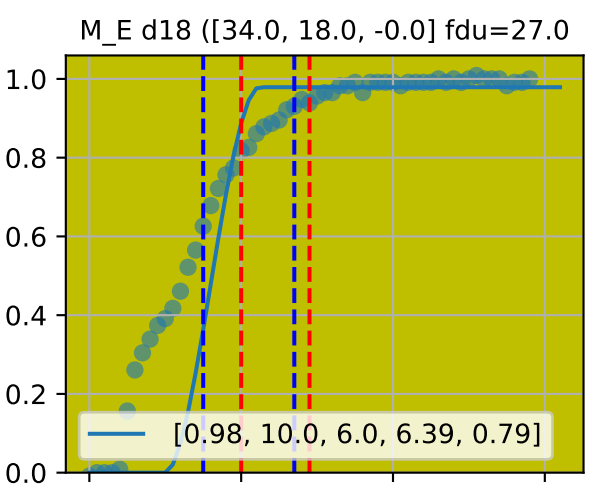



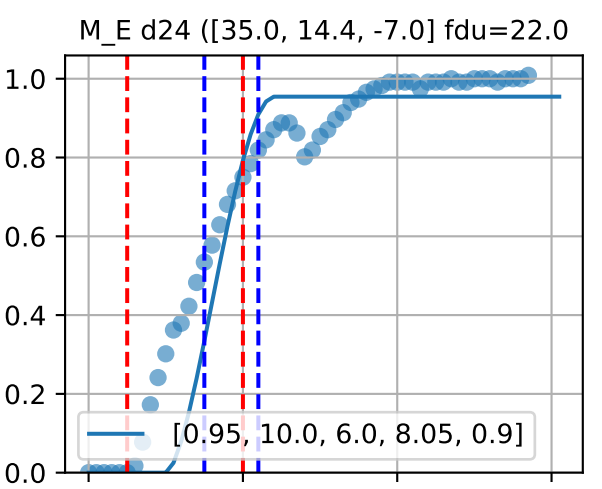



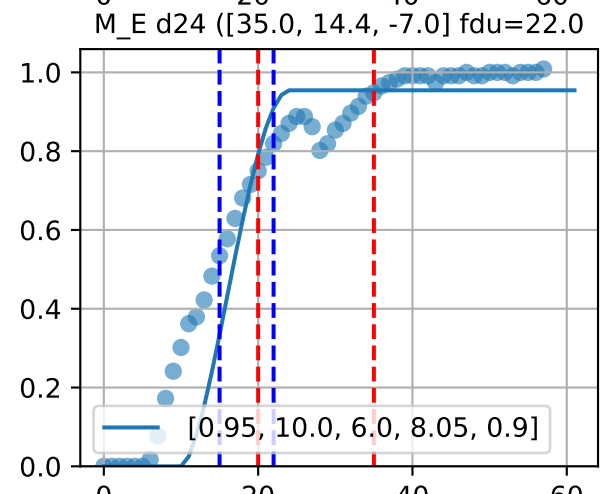

Plot minDeltaM, minDeltaMs, minDeltaMt
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0

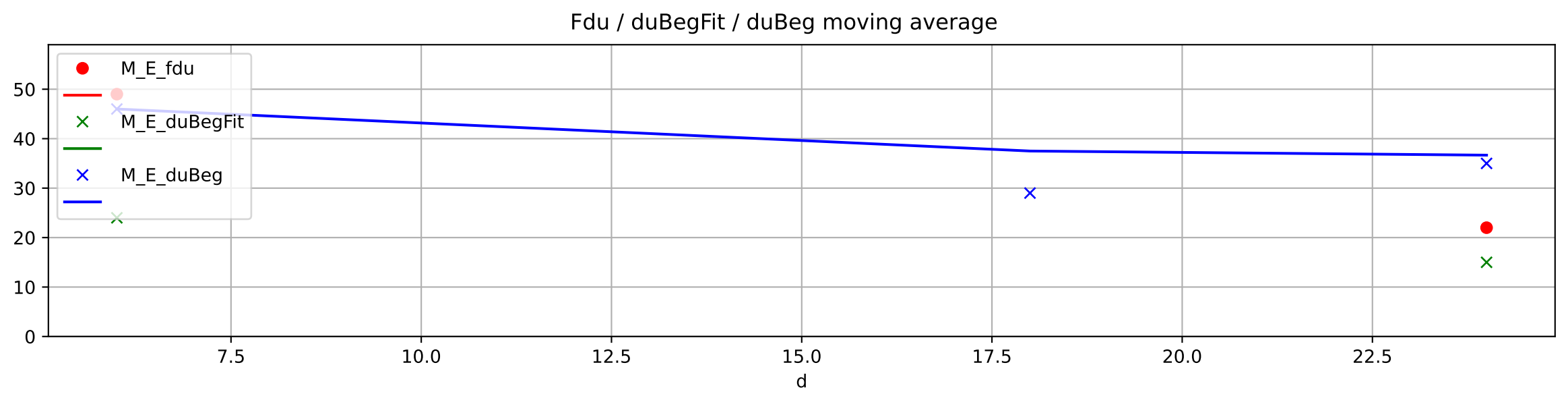

M_E d6 ([31.0, 5.4, -10.0] fdu=49.0
[0.99, 16.1, 6.0, 29.19, 1.0]

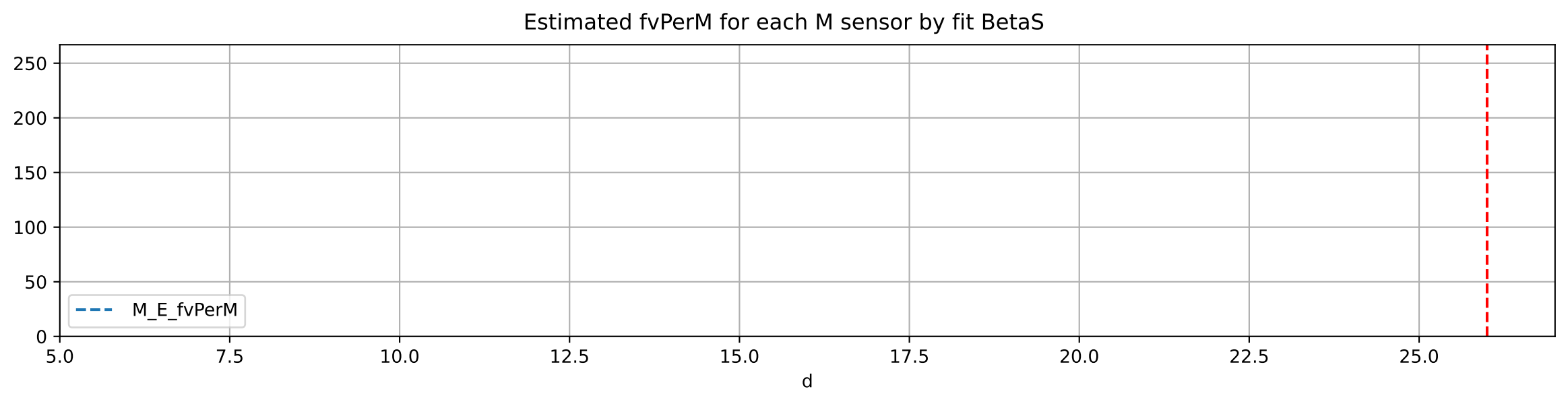

M_E d6 ([31.0, 5.4, -10.0] fdu=49.0
[0.99, 16.1, 6.0, 29.19, 1.0]

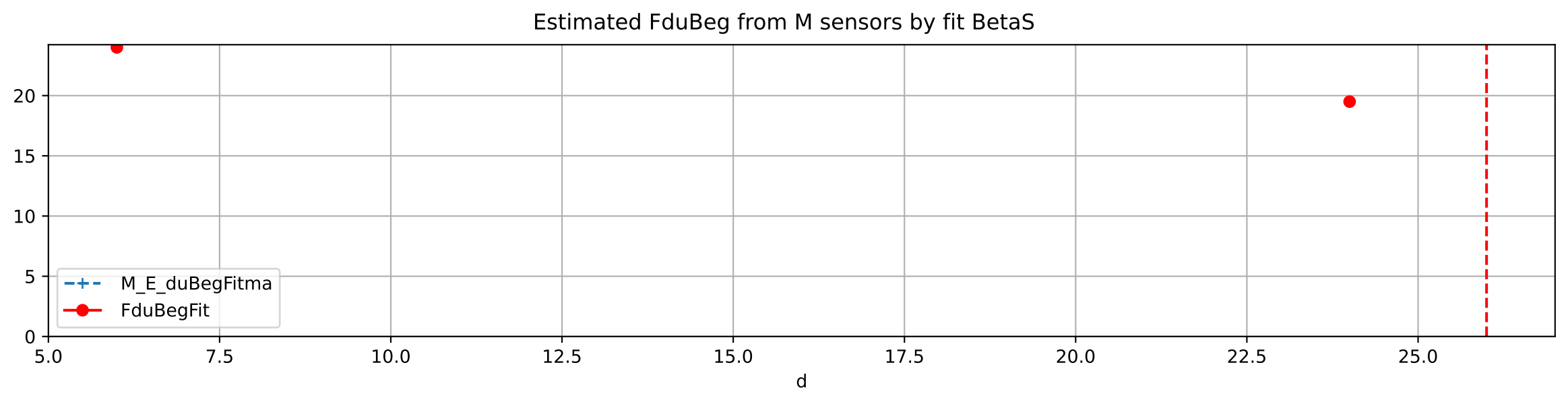

M_E d18 ([34.0, 18.0, -0.0] fdu=27.0
[0.98, 10.0, 6.0, 6.39, 0.79]

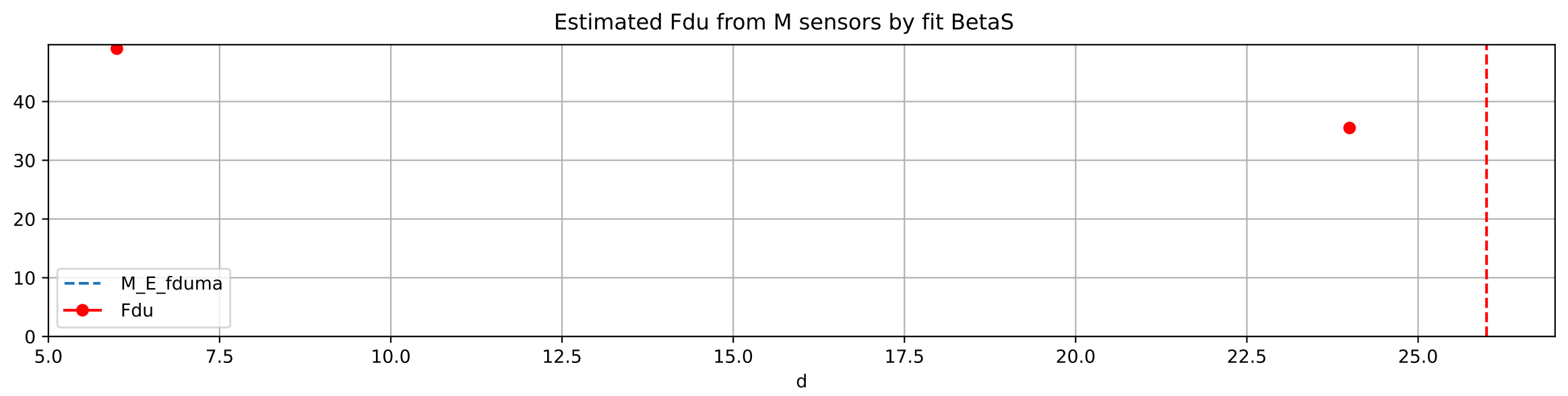

M_E d24 ([35.0, 14.4, -7.0] fdu=22.0
[0.95, 10.0, 6.0, 8.05, 0.9]

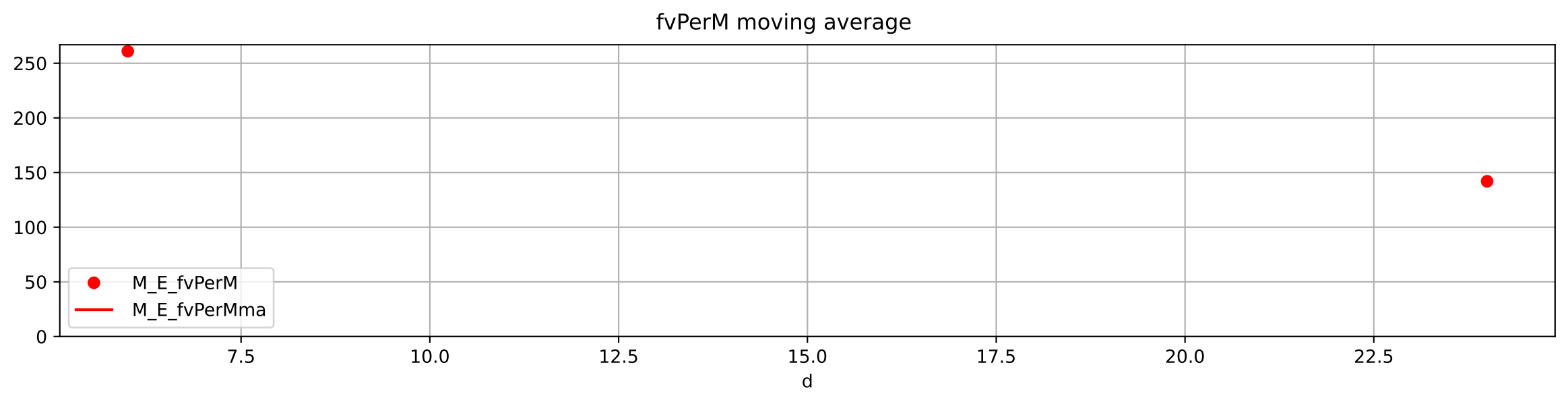

M_E d24 ([35.0, 14.4, -7.0] fdu=22.0
[0.95, 10.0, 6.0, 8.05, 0.9]

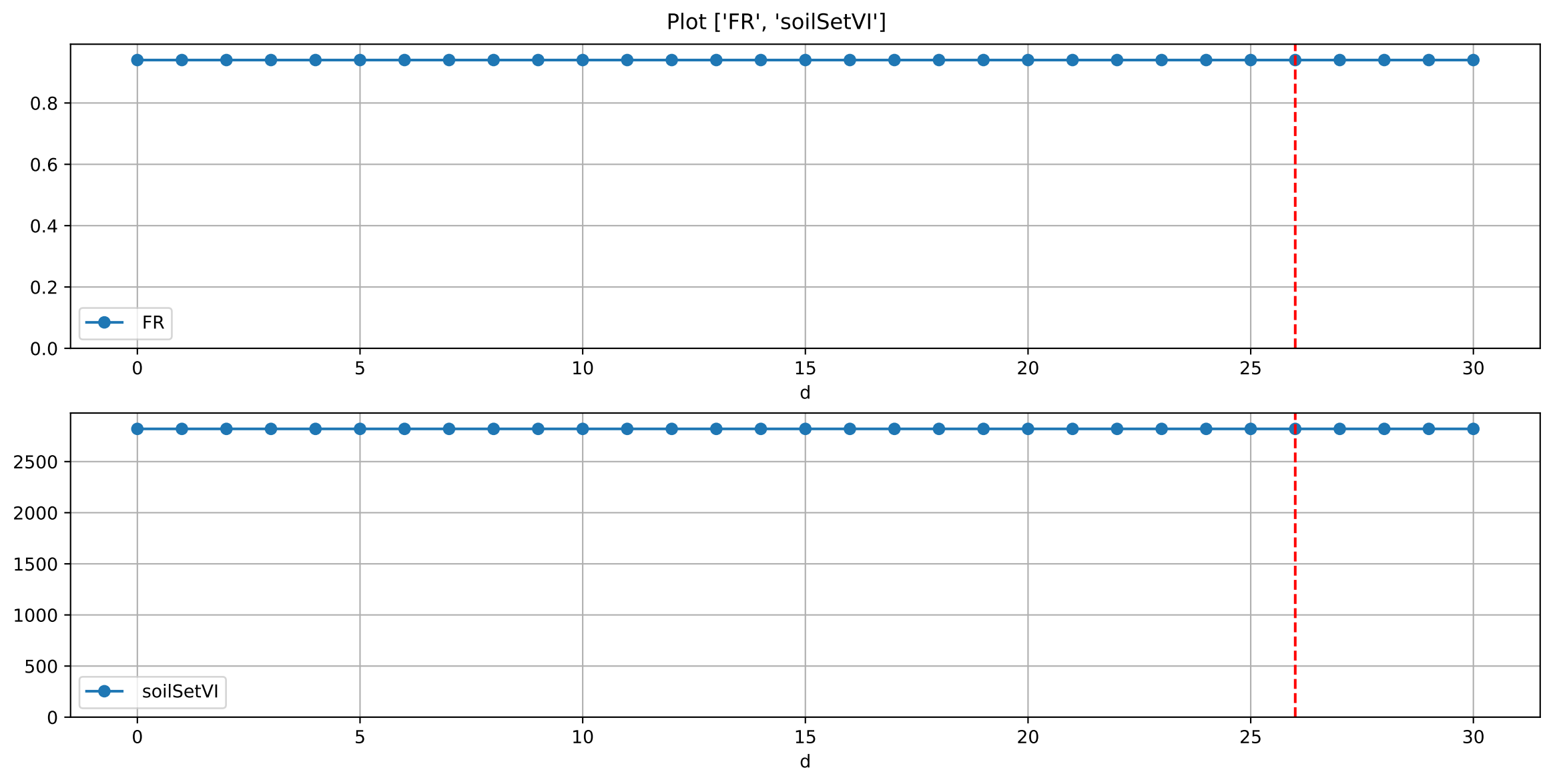

Fdu / duBegFit / duBeg moving average
M_E_fdu
M_E_duBegFit
M_E_duBeg
50
40
30
20
10
0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
d

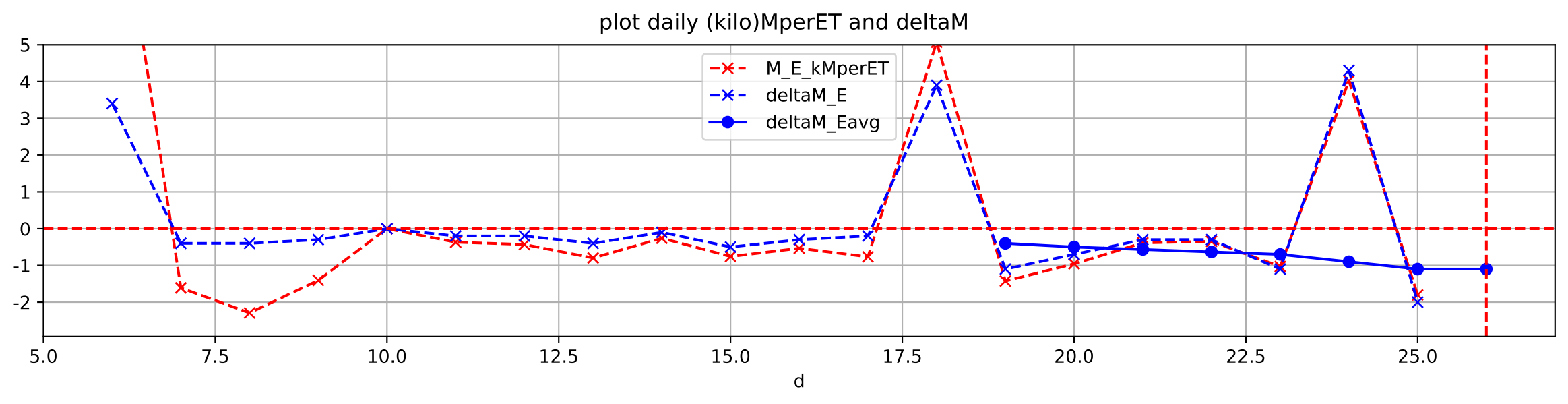

Estimated fvPerM for each M sensor by fit BetaS
250
200
150
100
50
0
M_E_fvPerM
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
25.0
d

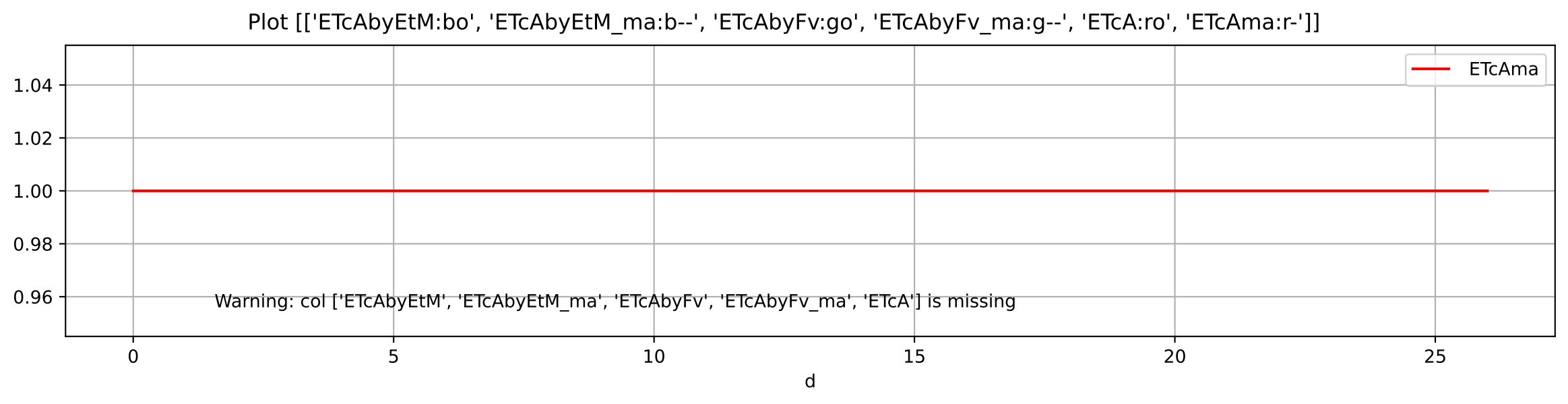

Estimated FduBeg from M sensors by fit BetaS
M_E_duBegFitma
FduBegFit
0
5
10
15
20
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
25.0
d


Estimated Fdu from M sensors by fit BetaS
M_E_fduma
Fdu
0
10
20
30
40
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
25.0
d

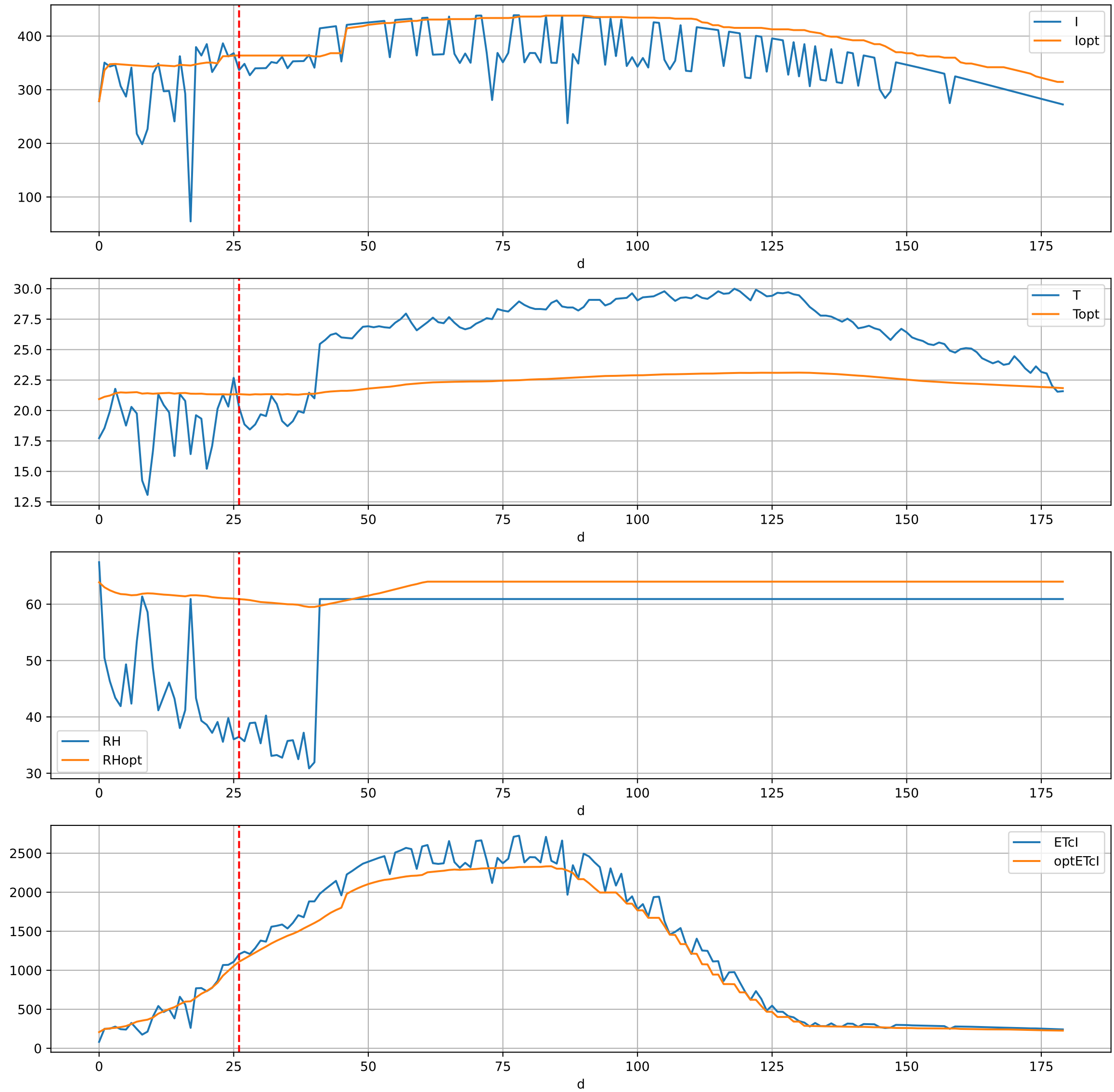

fvPerM moving average
250
200
150
100
50
0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
d
M_E_fvPerM
M_E_fvPerMma

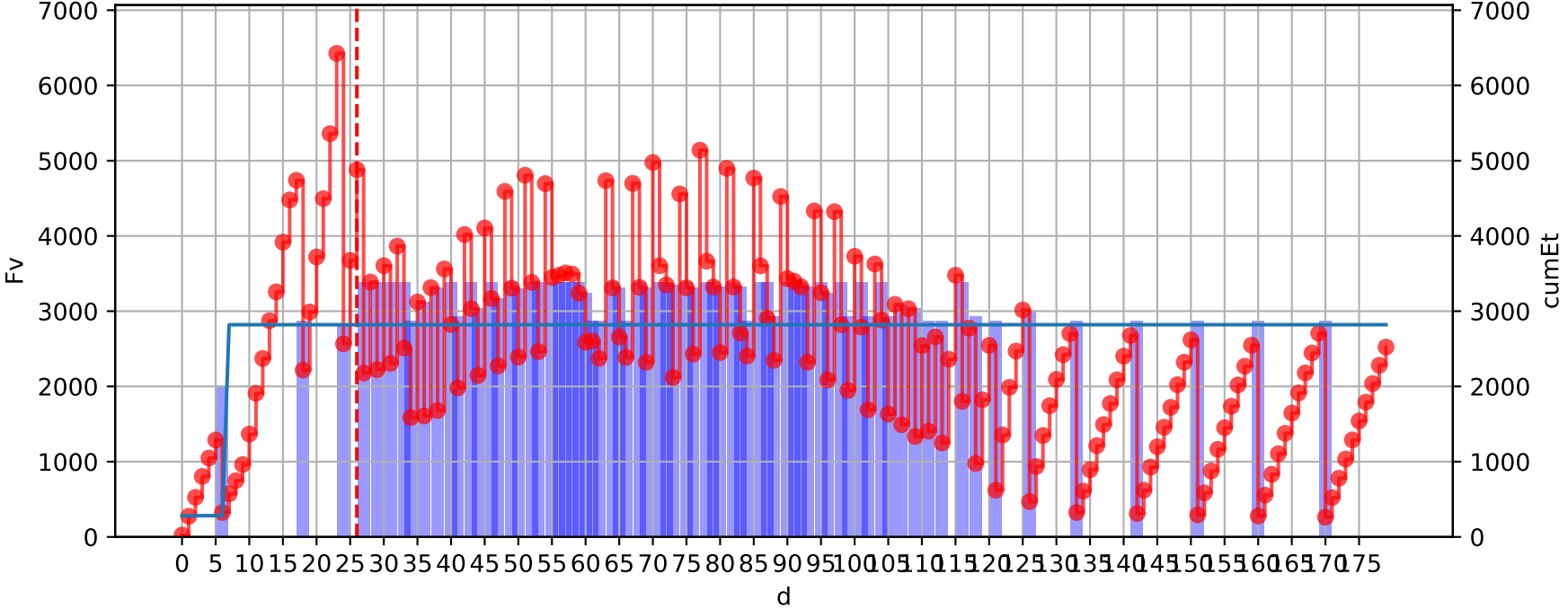

Plot ['FR', 'soilSetVI']
FR
0.0
0.2
0.4
0.6
0.8
0
5
10
15
20
25
30
d
soilSetVI
0
500
1000
1500
2000
2500
0
5
10
15
20
25
30
d

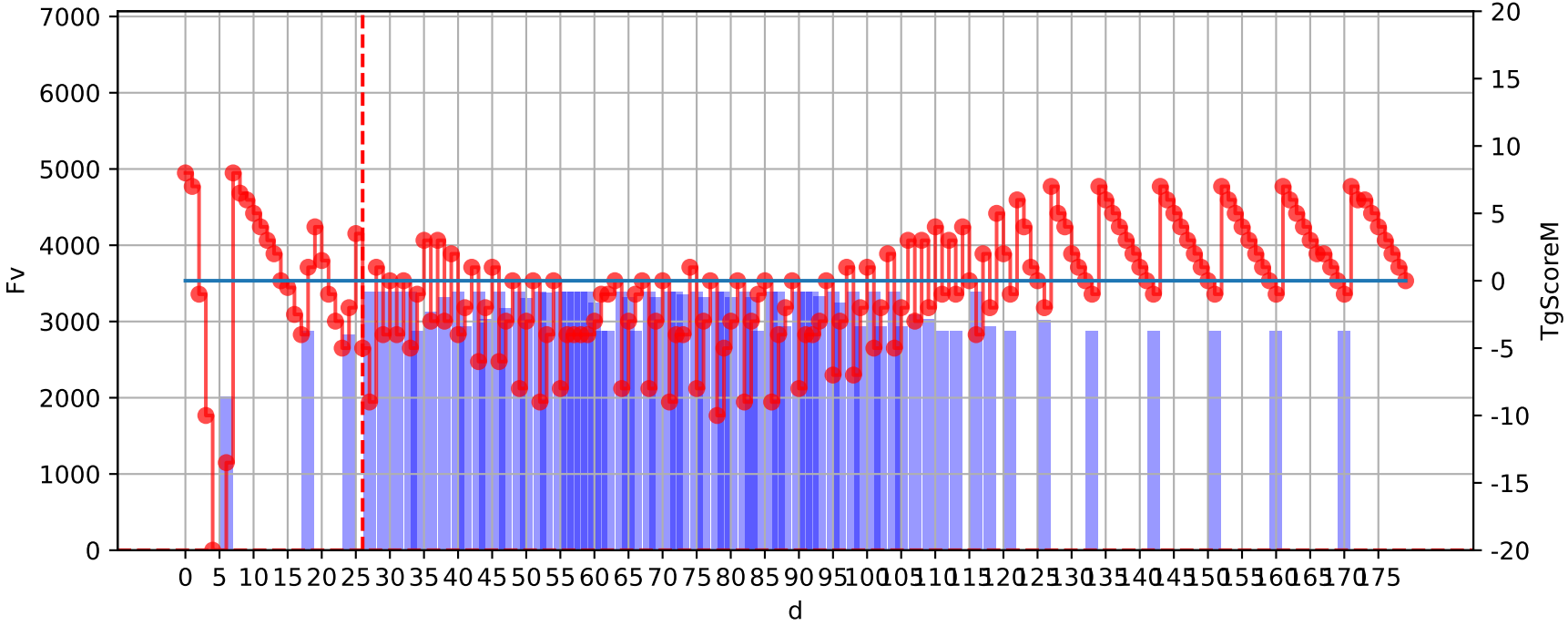

plot daily (kilo)MperET and deltaM
M_E_kMperET
deltaM_E
deltaM_Eavg
5
4
3
2
1
0
-1
-2
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
25.0
d


Plot [['ETcAbyEtM:bo', 'ETcAbyEtM_ma:b--', 'ETcAbyFv:go', 'ETcAbyFv_ma:g--', 'ETcA:ro', 'ETcAma:r-']]
ETcAma
1.04
1.02
1.00
0.98
0.96
Warning: col ['ETcAbyEtM', 'ETcAbyEtM_ma', 'ETcAbyFv', 'ETcAbyFv_ma', 'ETcA'] is missing
0
5
10
15
20
25
d

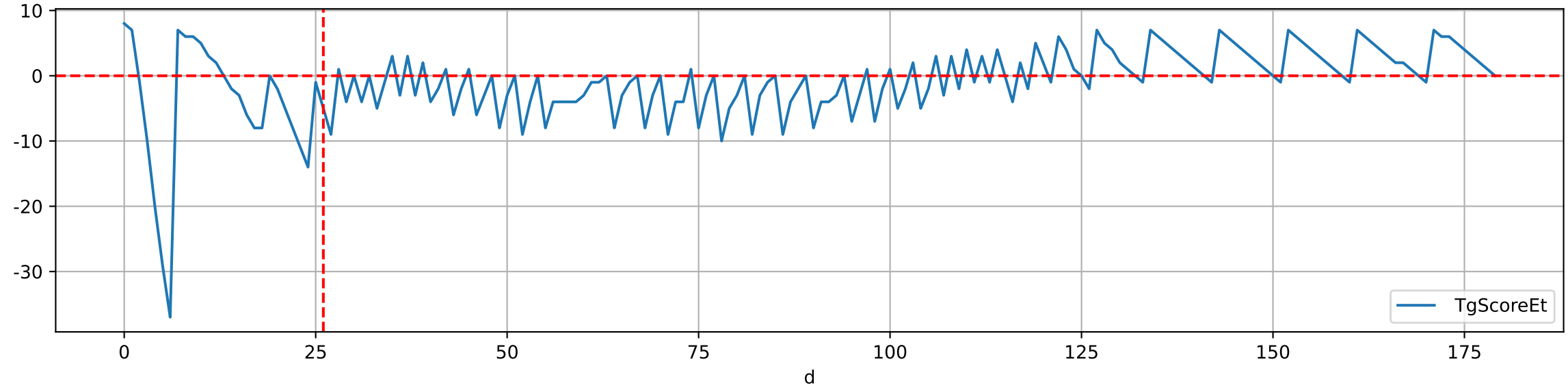
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']



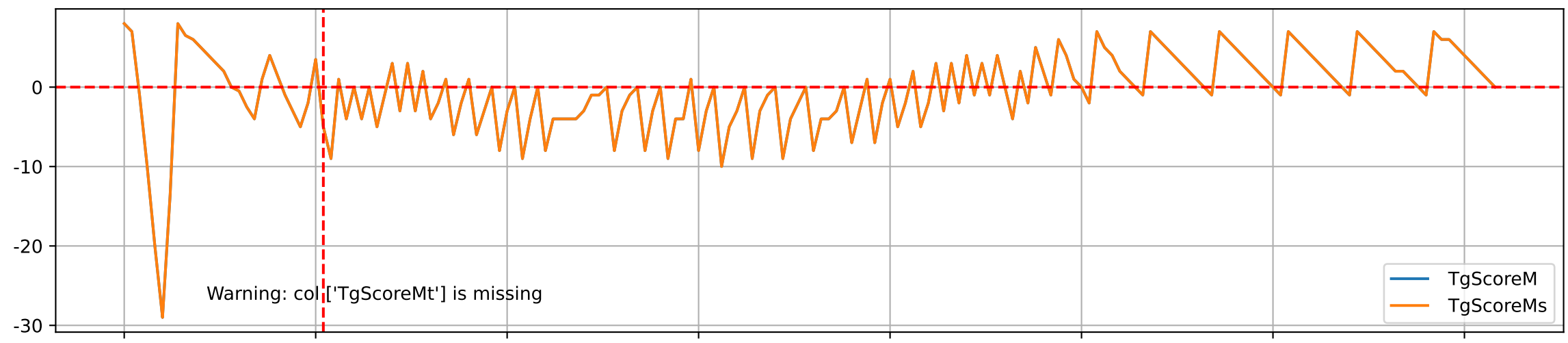

Fv
cumEt
d
0
1000
2000
3000
4000
5000
6000
7000
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175


Fv
TgScoreM
d
7000
6000
5000
4000
3000
2000
1000
0
20
15
10
5
0
-5
-10
-15
-20
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175

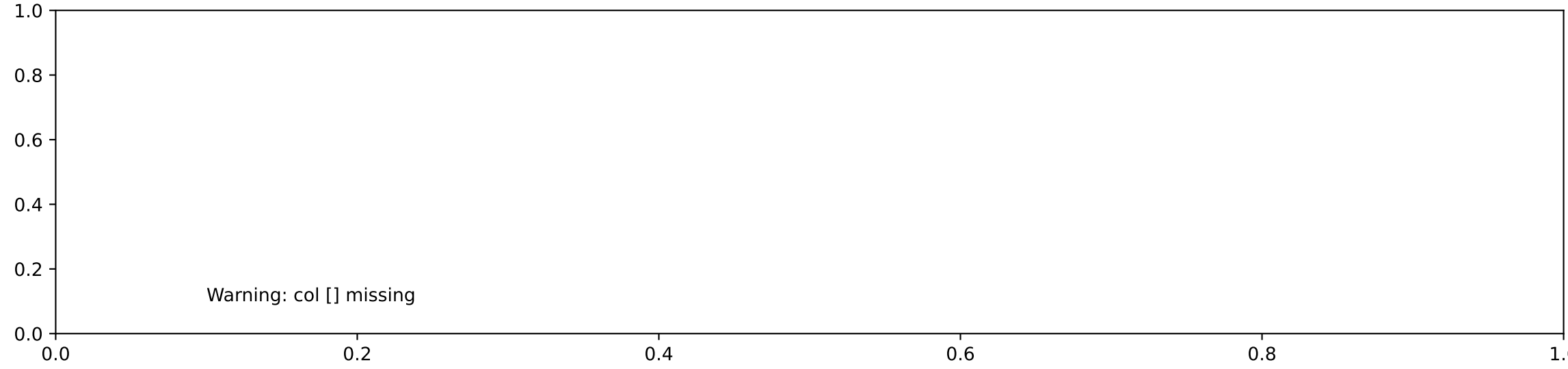
Fg Trigger Score (by Et and sensor)

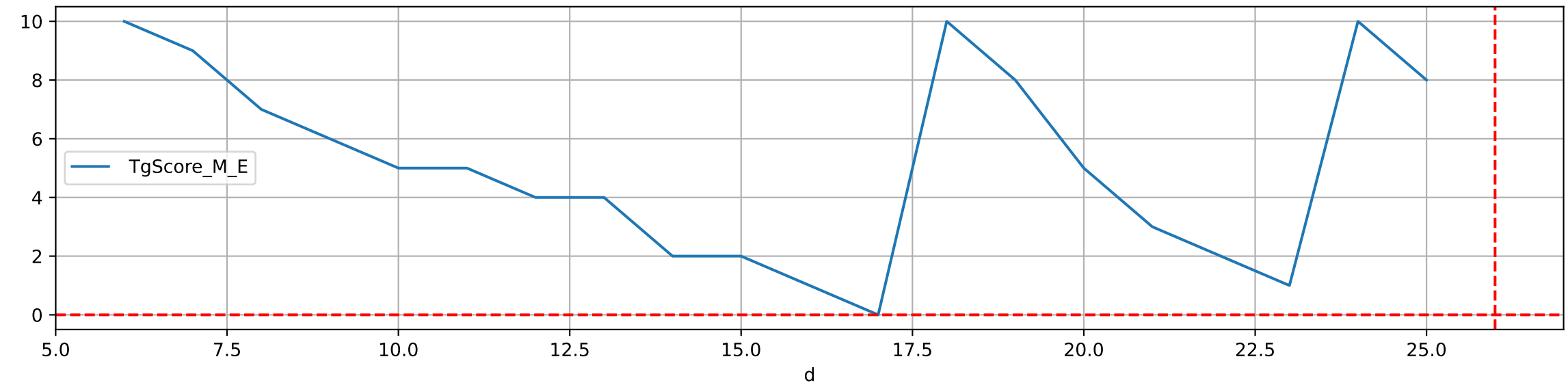



d



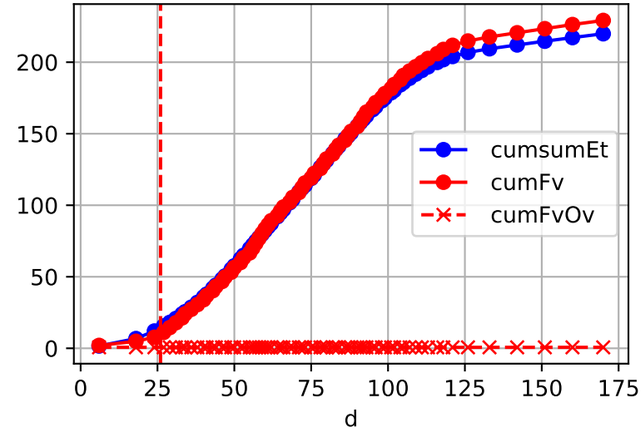

d

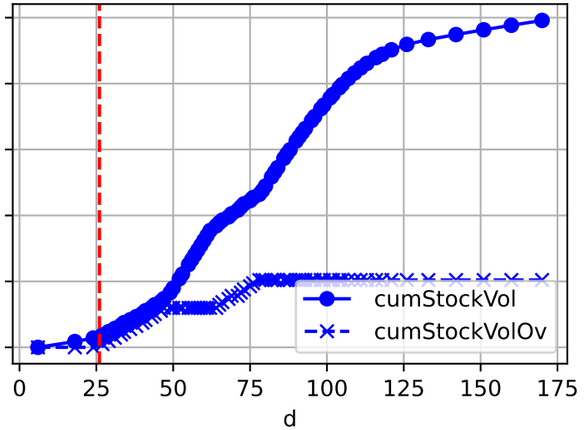


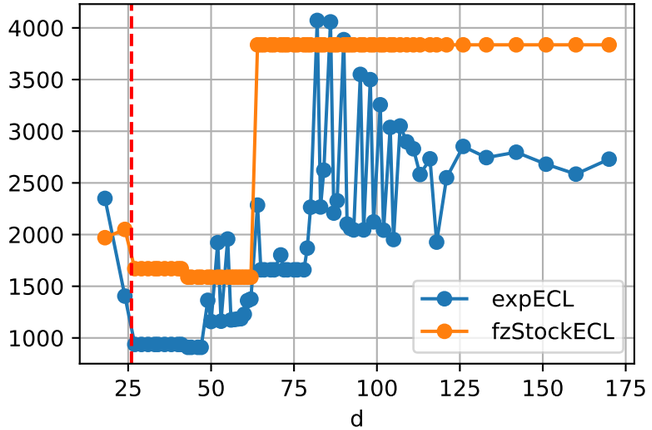



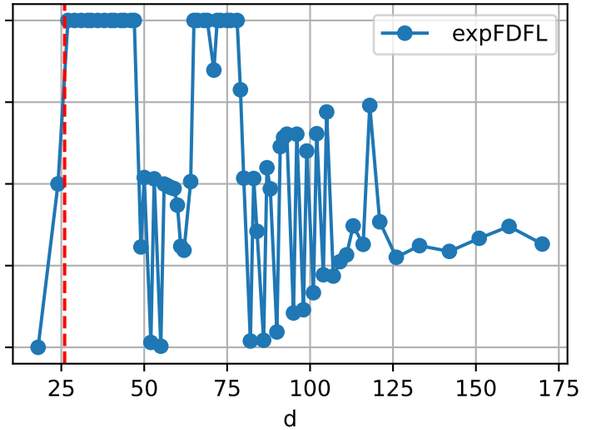

d

Plot liquid fertilizer usage

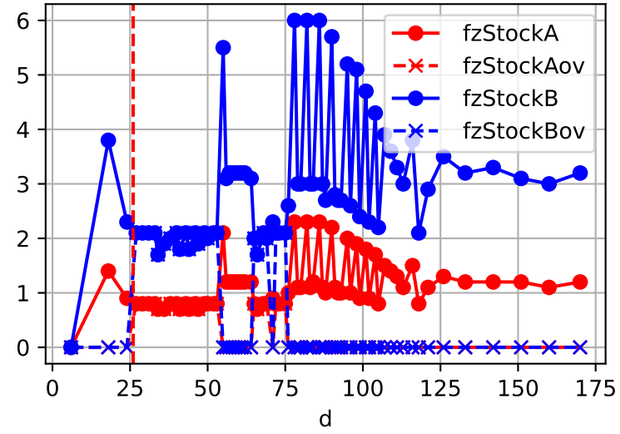


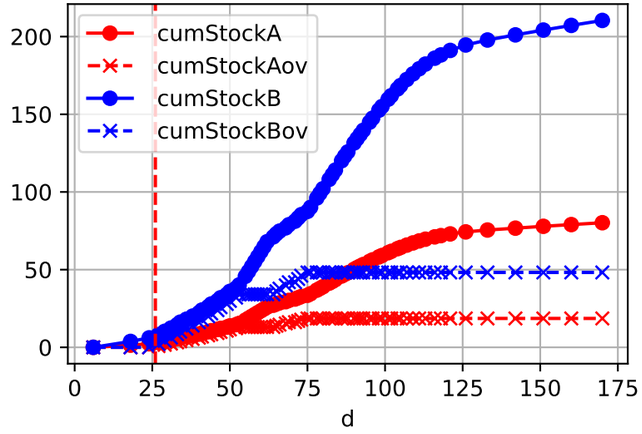



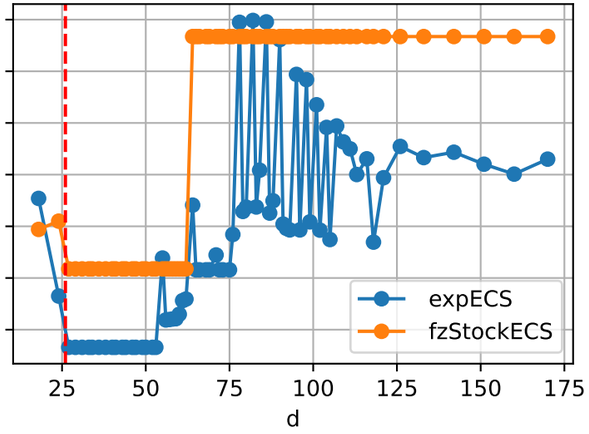



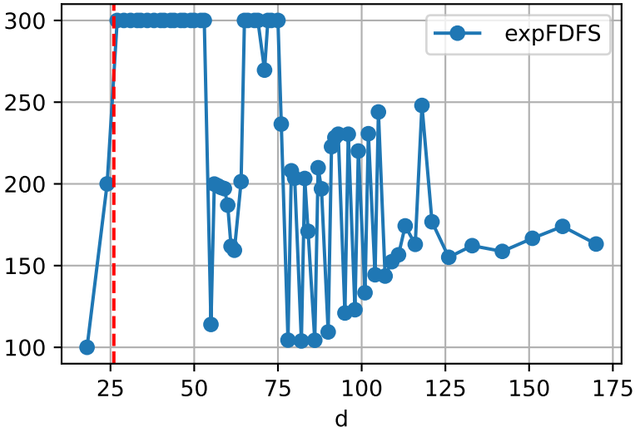



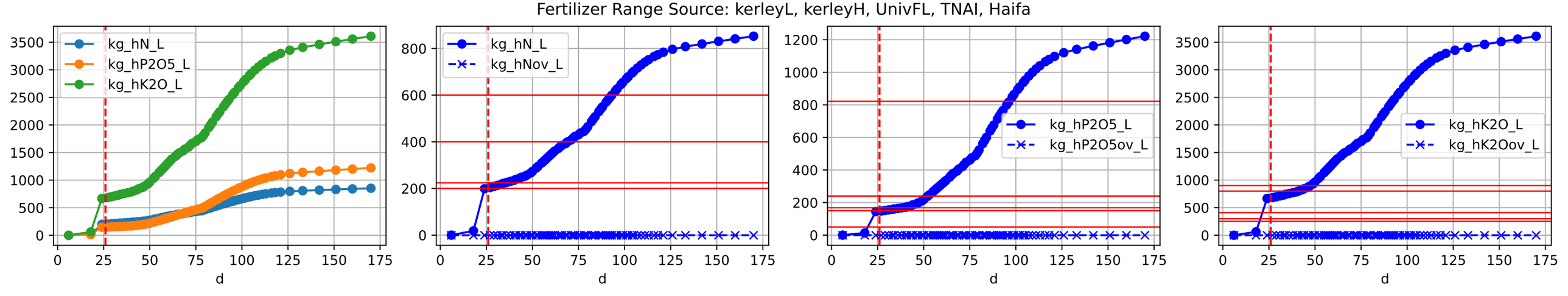
Plot solid fertilizer usage

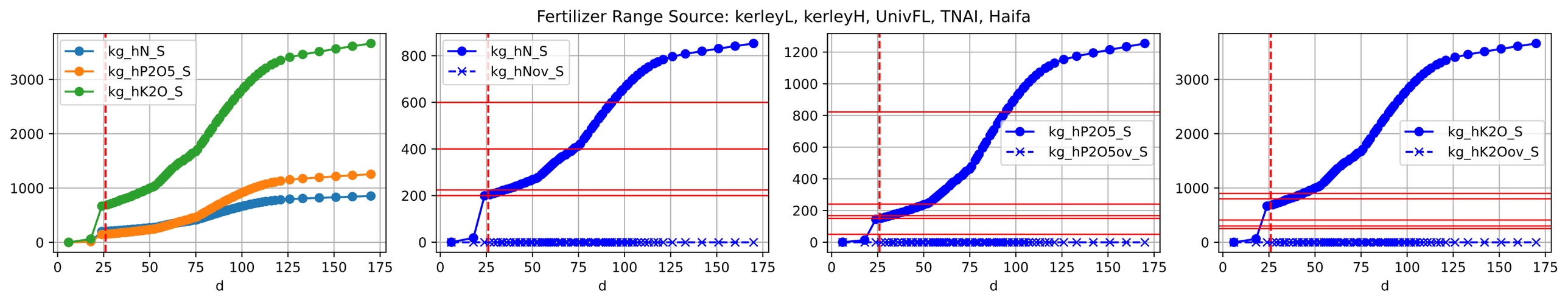



Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
kg_hN_L
kg_hP2O5_L
kg_hK2O_L
kg_hNov_L
kg_hP2O5ov_L
kg_hK2Oov_L
d


Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
kg_hN_S
kg_hP2O5_S
kg_hK2O_S
kg_hN_S
kg_hNov_S
kg_hP2O5_S
kg_hP2O5ov_S
kg_hK2O_S
kg_hK2Oov_S
d
d
d
d