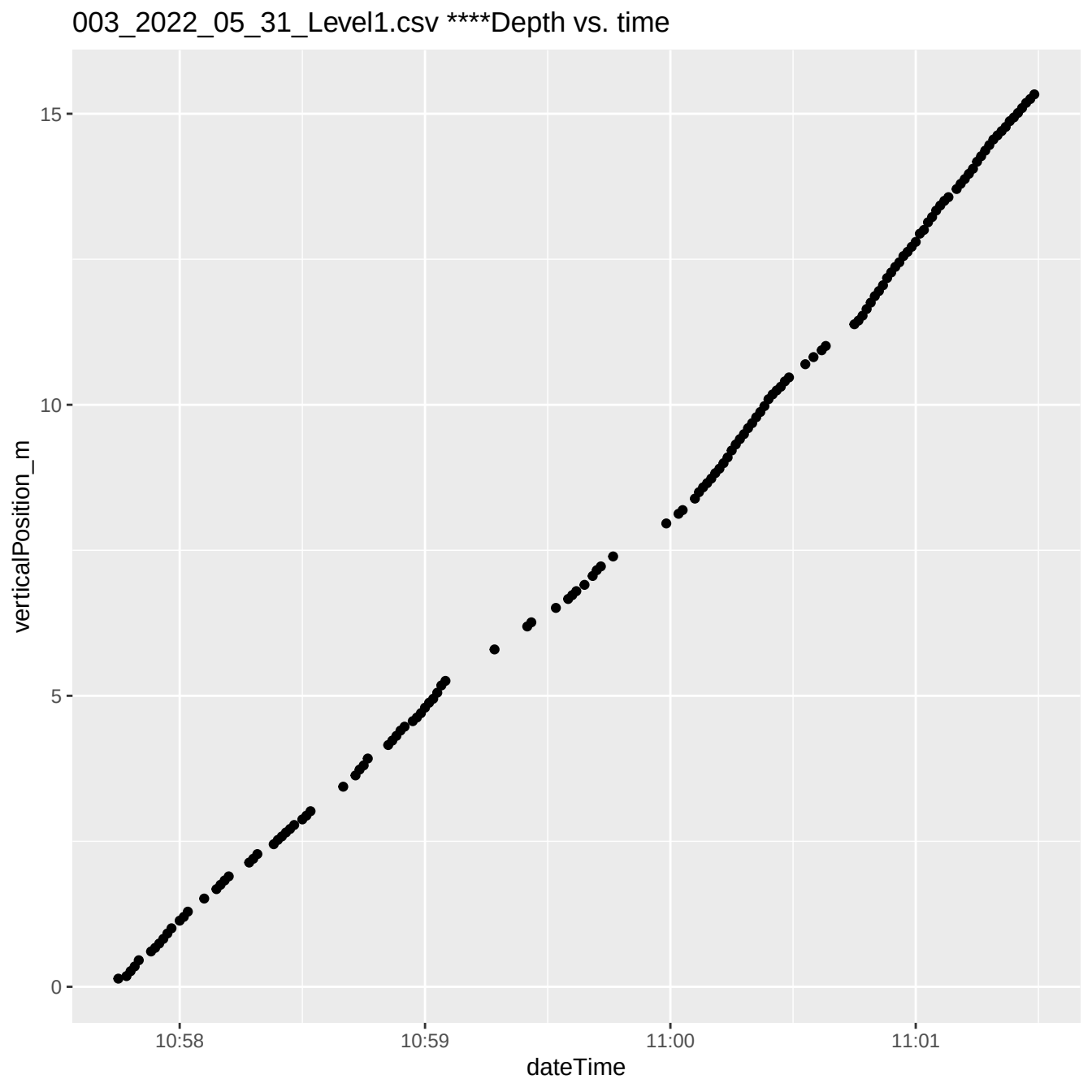
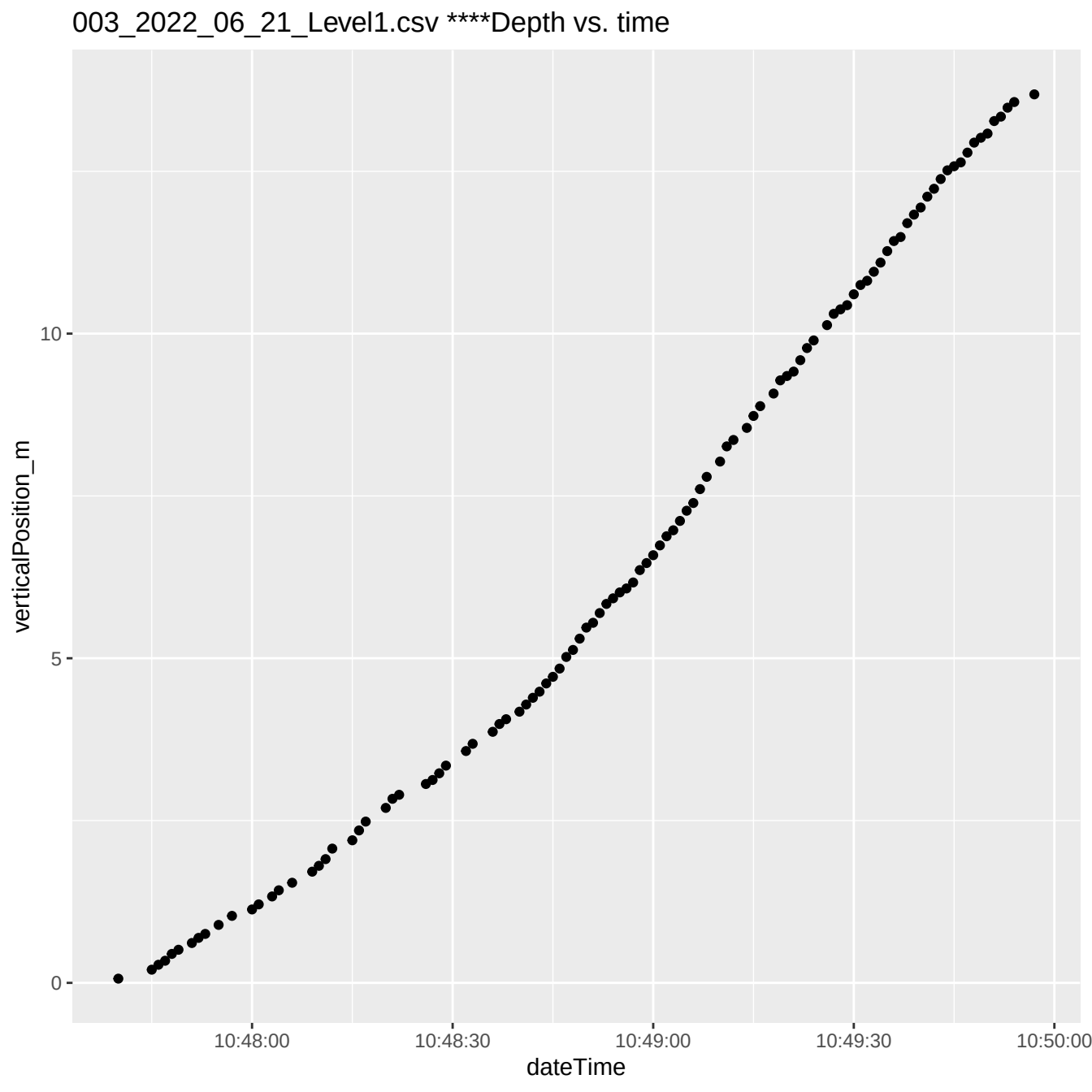
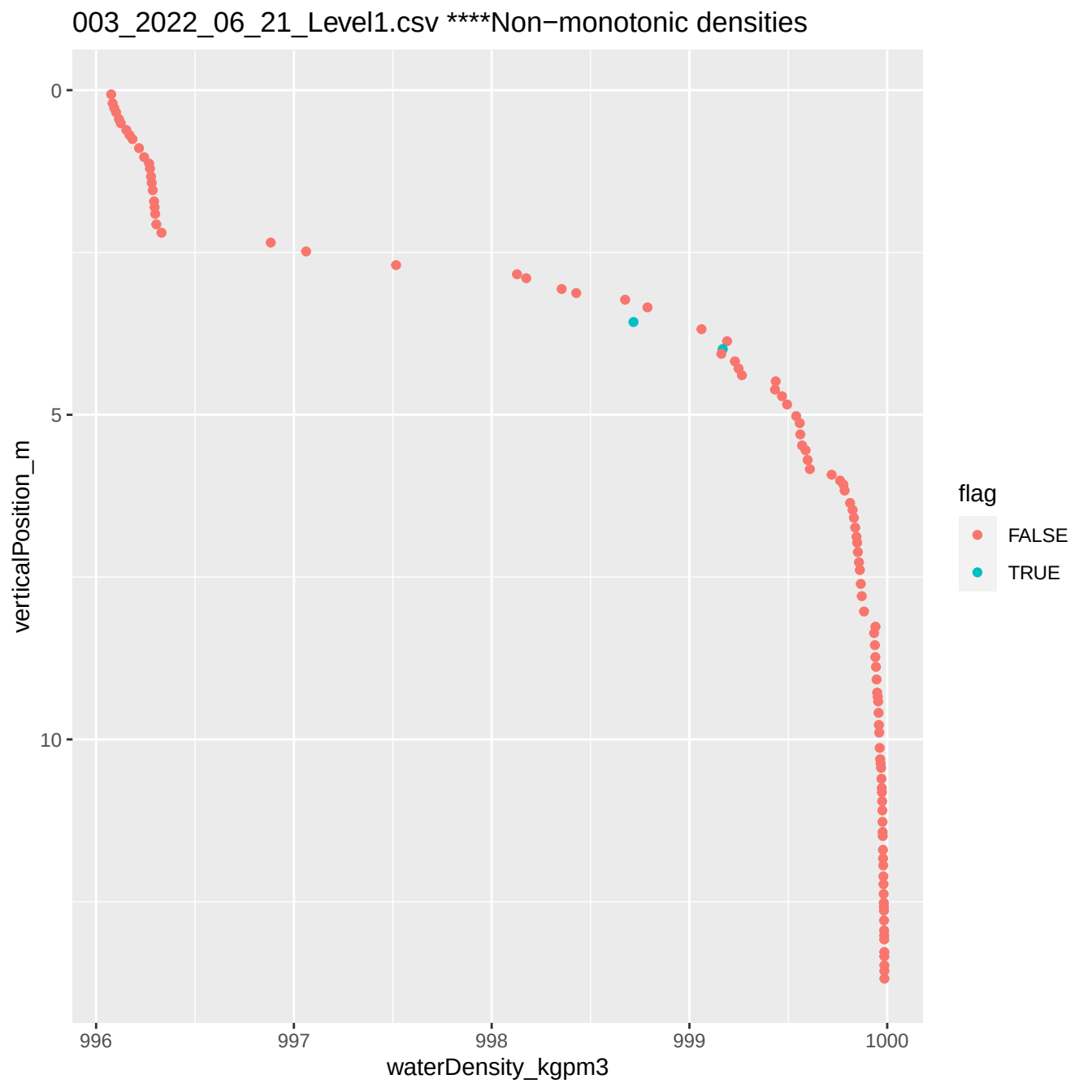
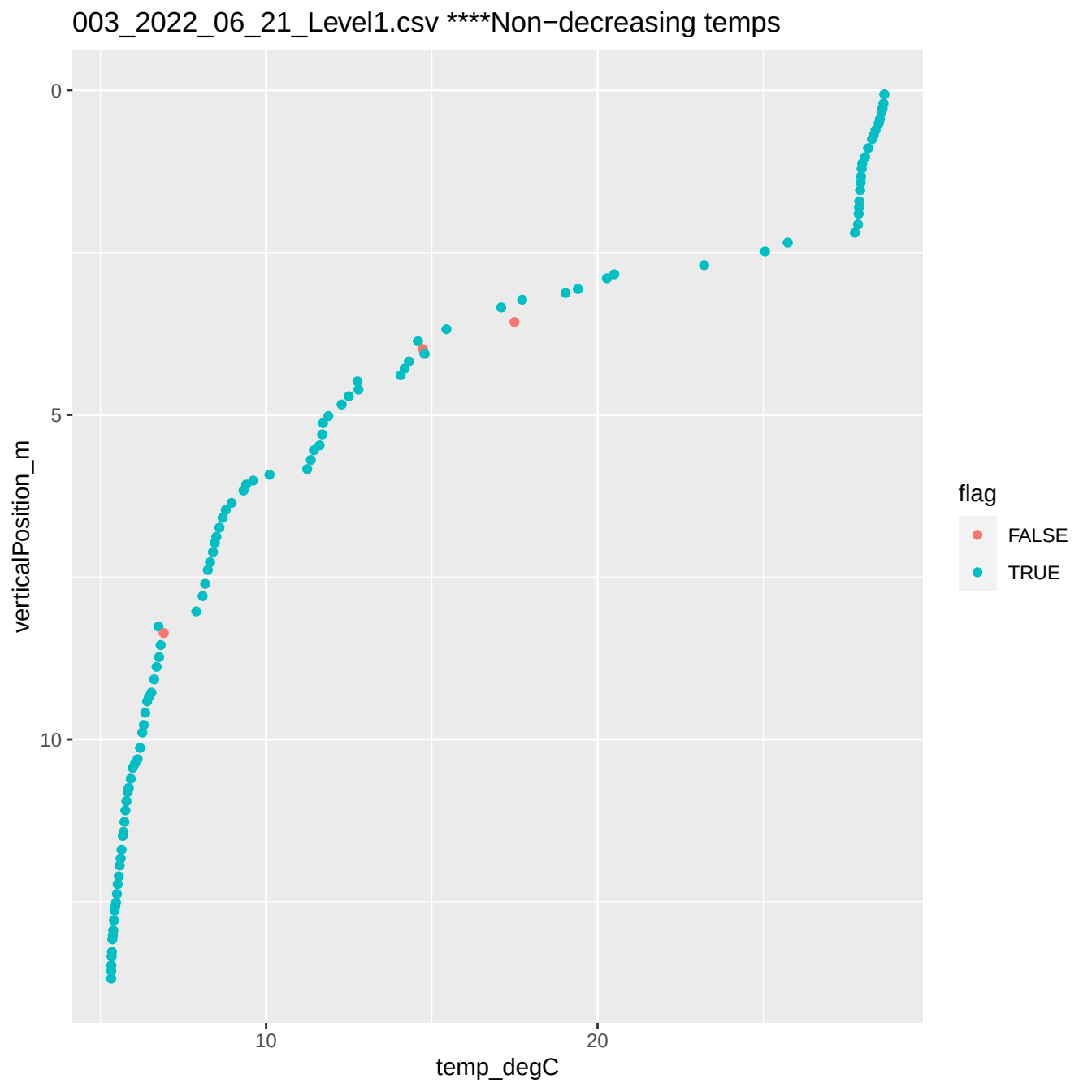
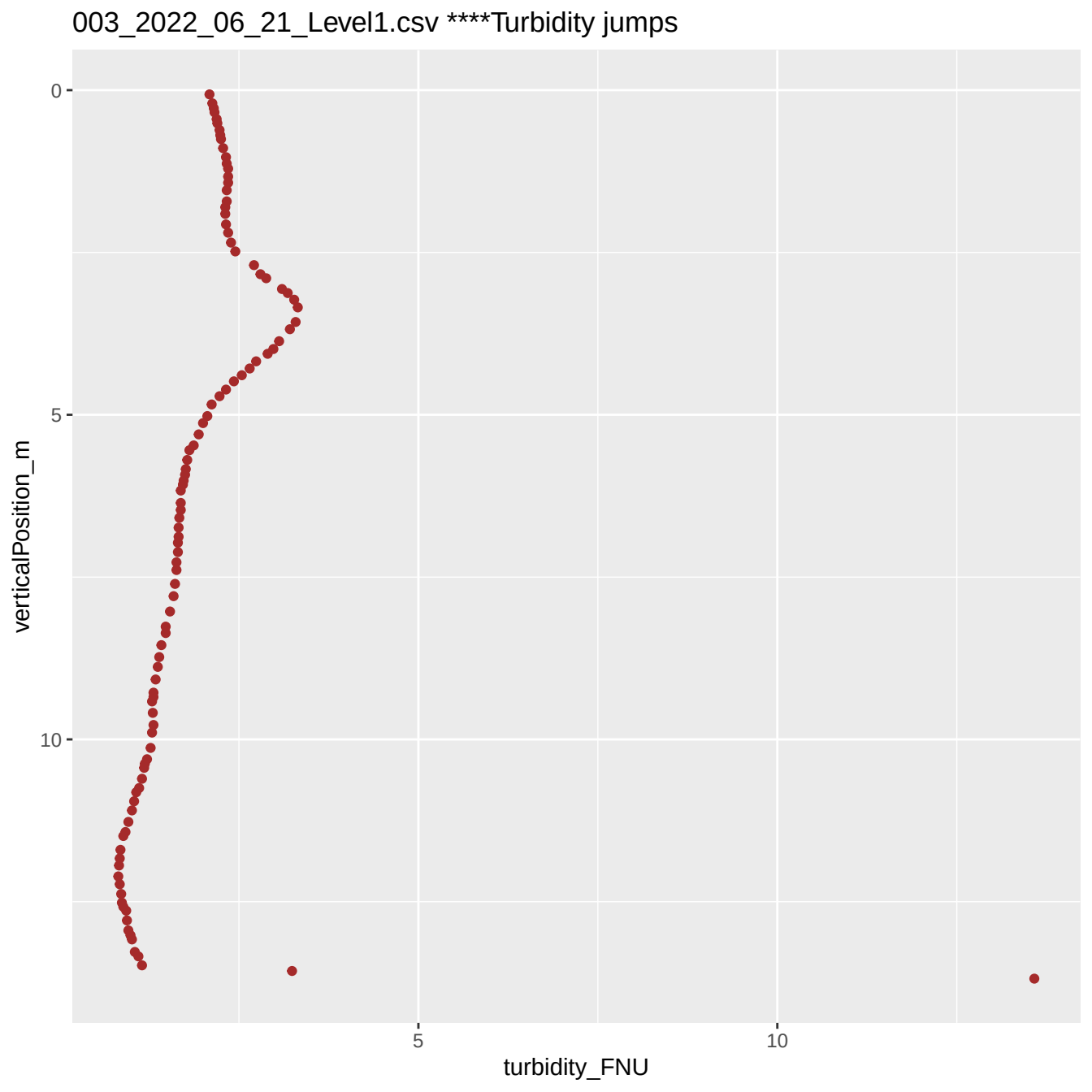
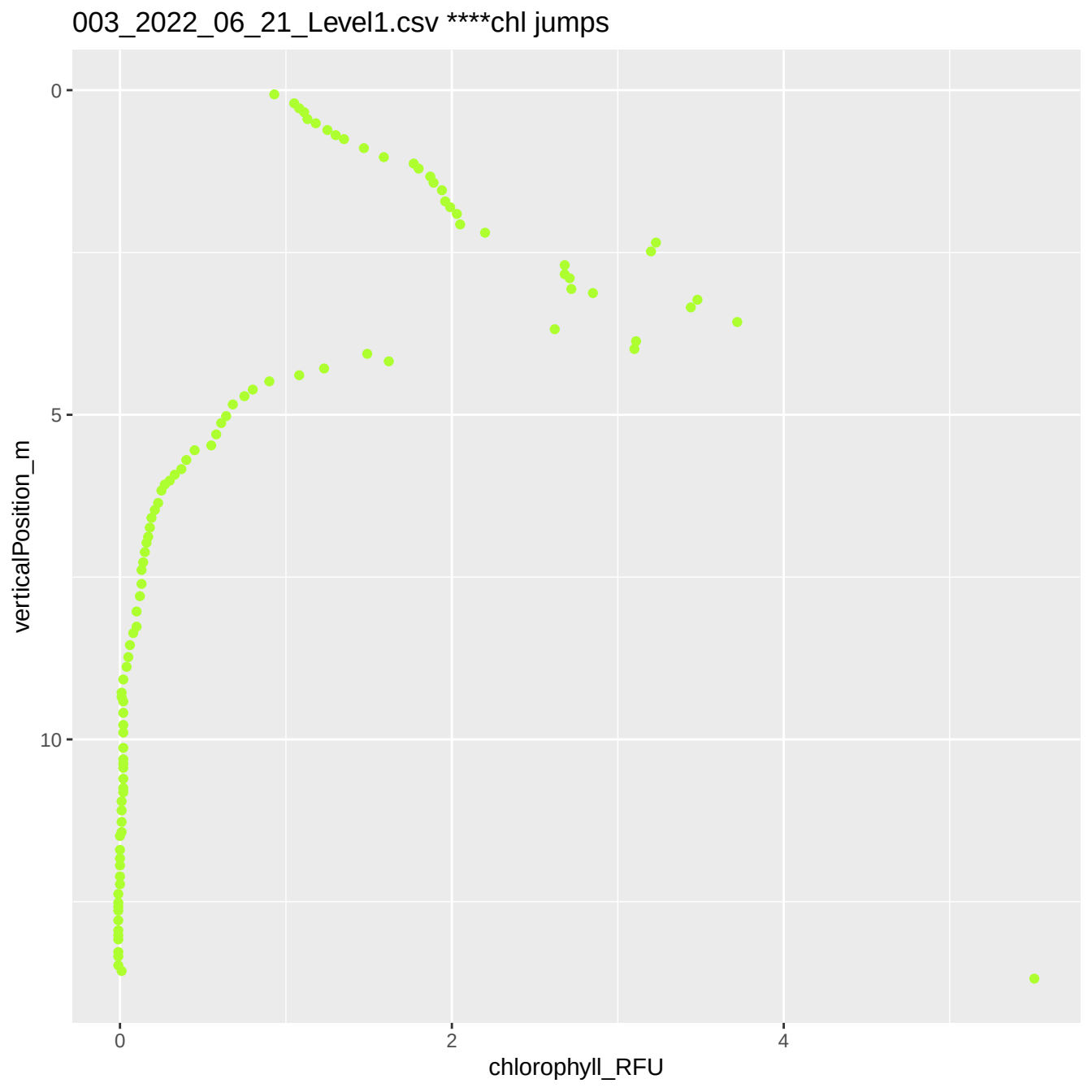

003_2022_05_31_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
10:58
10:59
11:00
11:01
dateTime

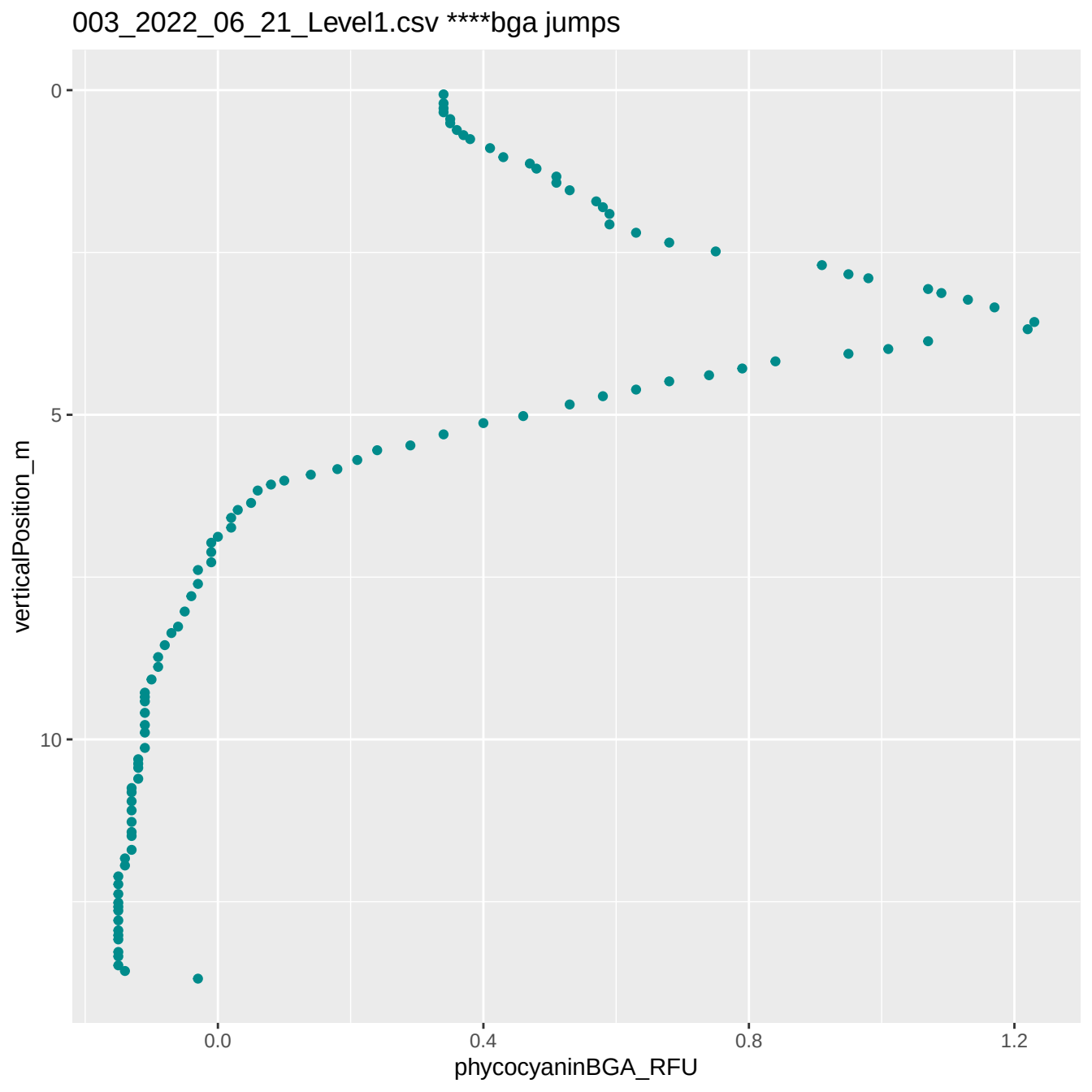

003_2022_06_21_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
10:48:00
10:48:30
10:49:00
10:49:30
10:50:00
dateTime

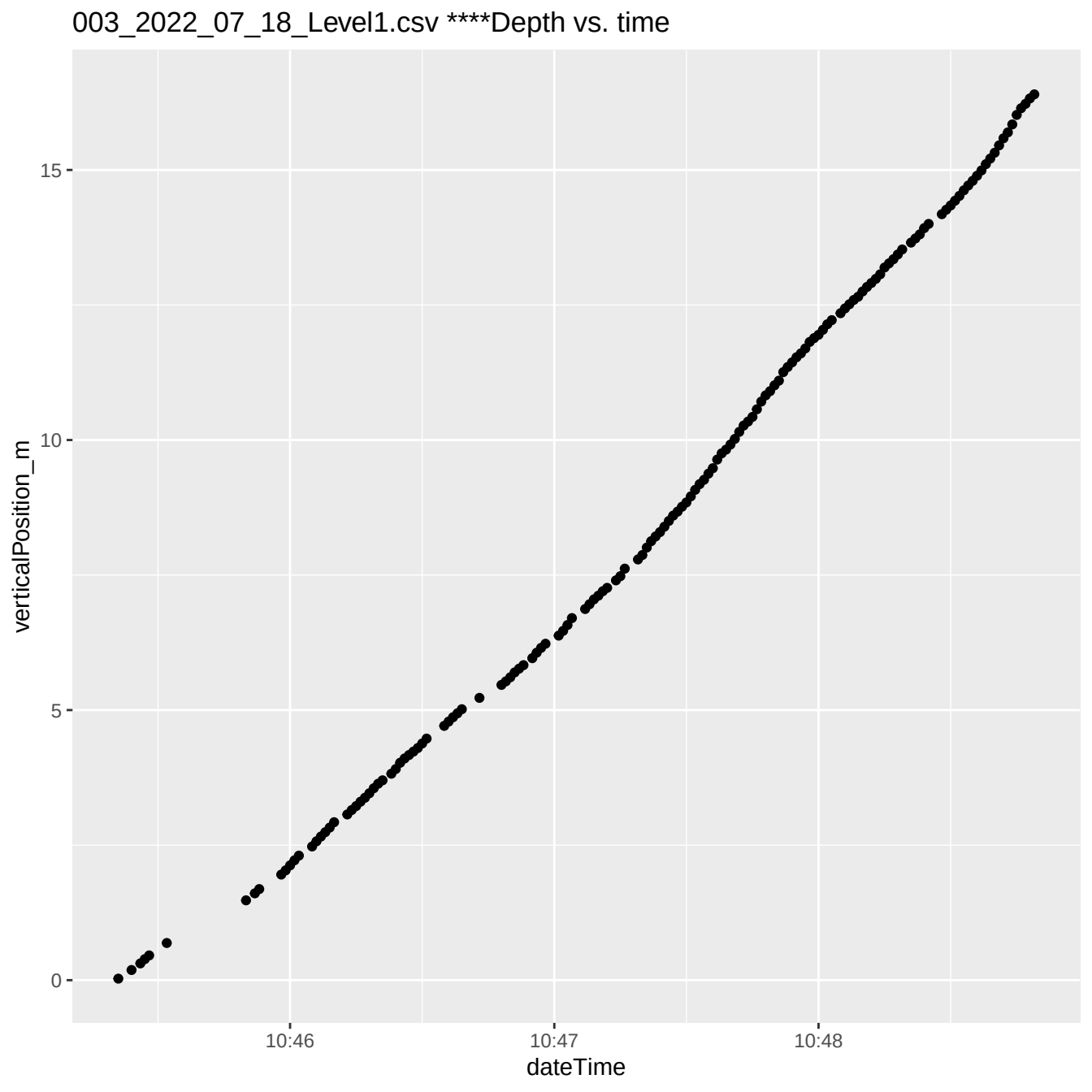

003_2022_06_21_Level1.csv ****Non−monotonic densities
0
5
10
verticalPosition_m
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

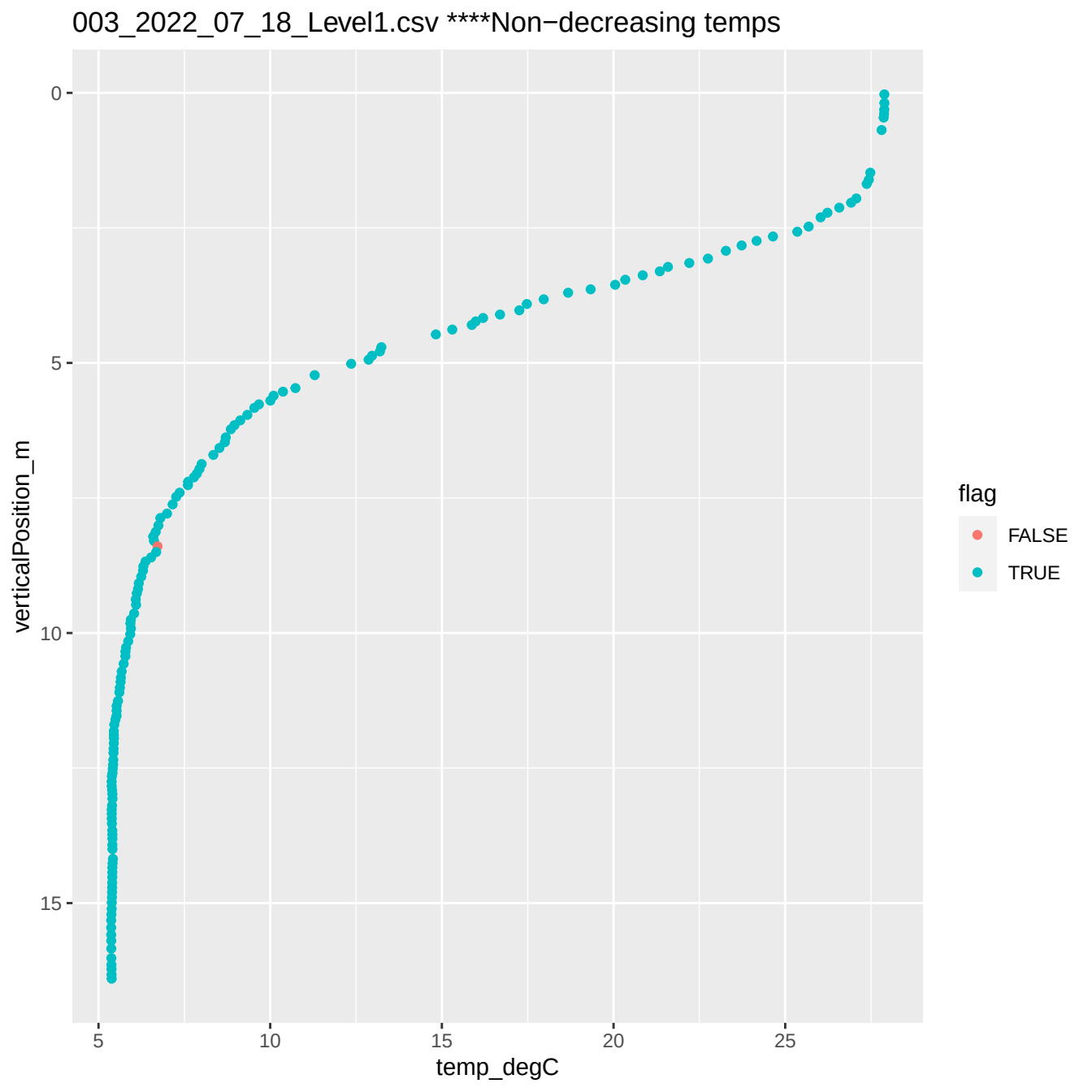

003_2022_06_21_Level1.csv ****Non−decreasing temps
0
5
10
verticalPosition_m
10
20
temp_degC
flag
FALSE
TRUE

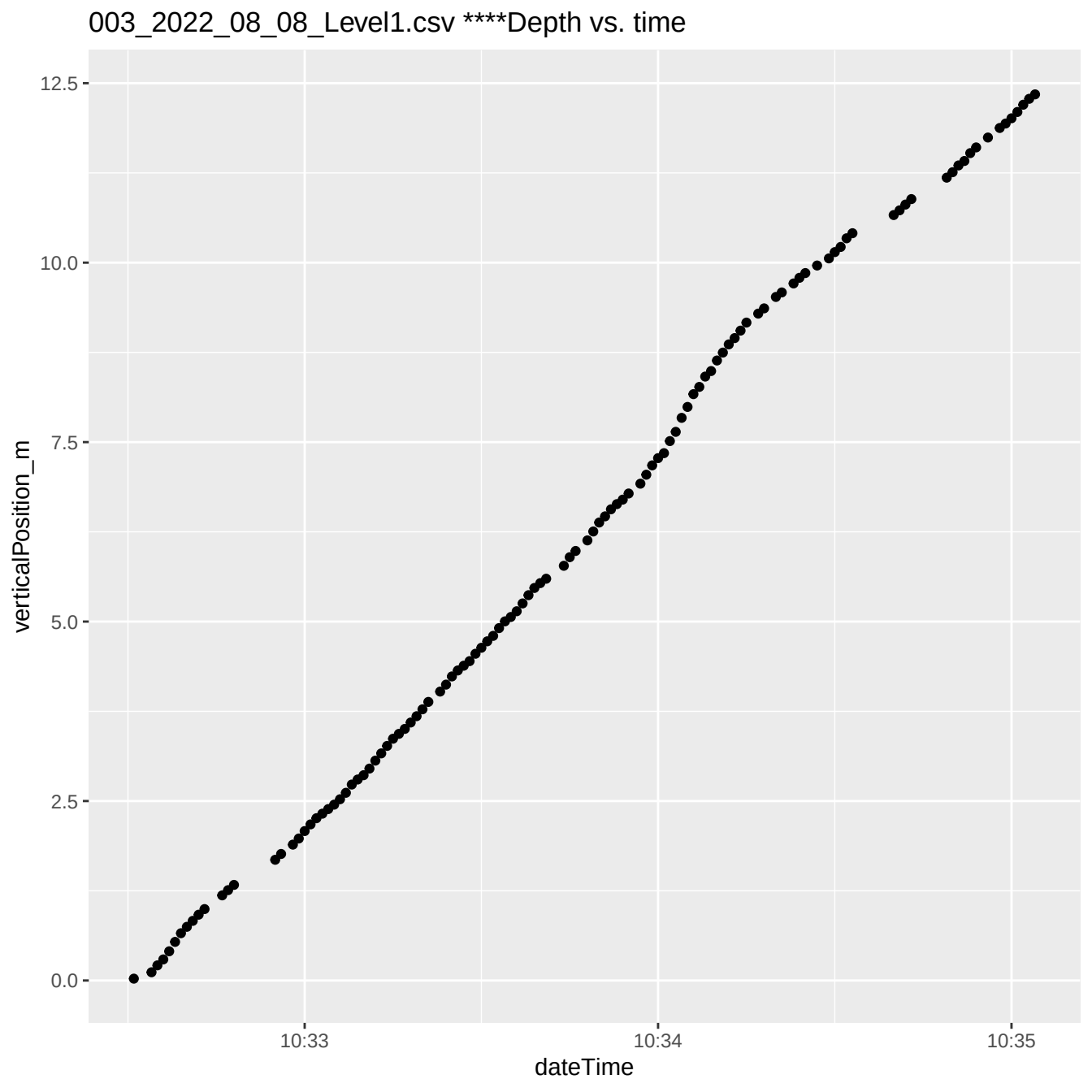

003_2022_06_21_Level1.csv ****Turbidity jumps
0
5
10
verticalPosition_m
5
10
turbidity_FNU

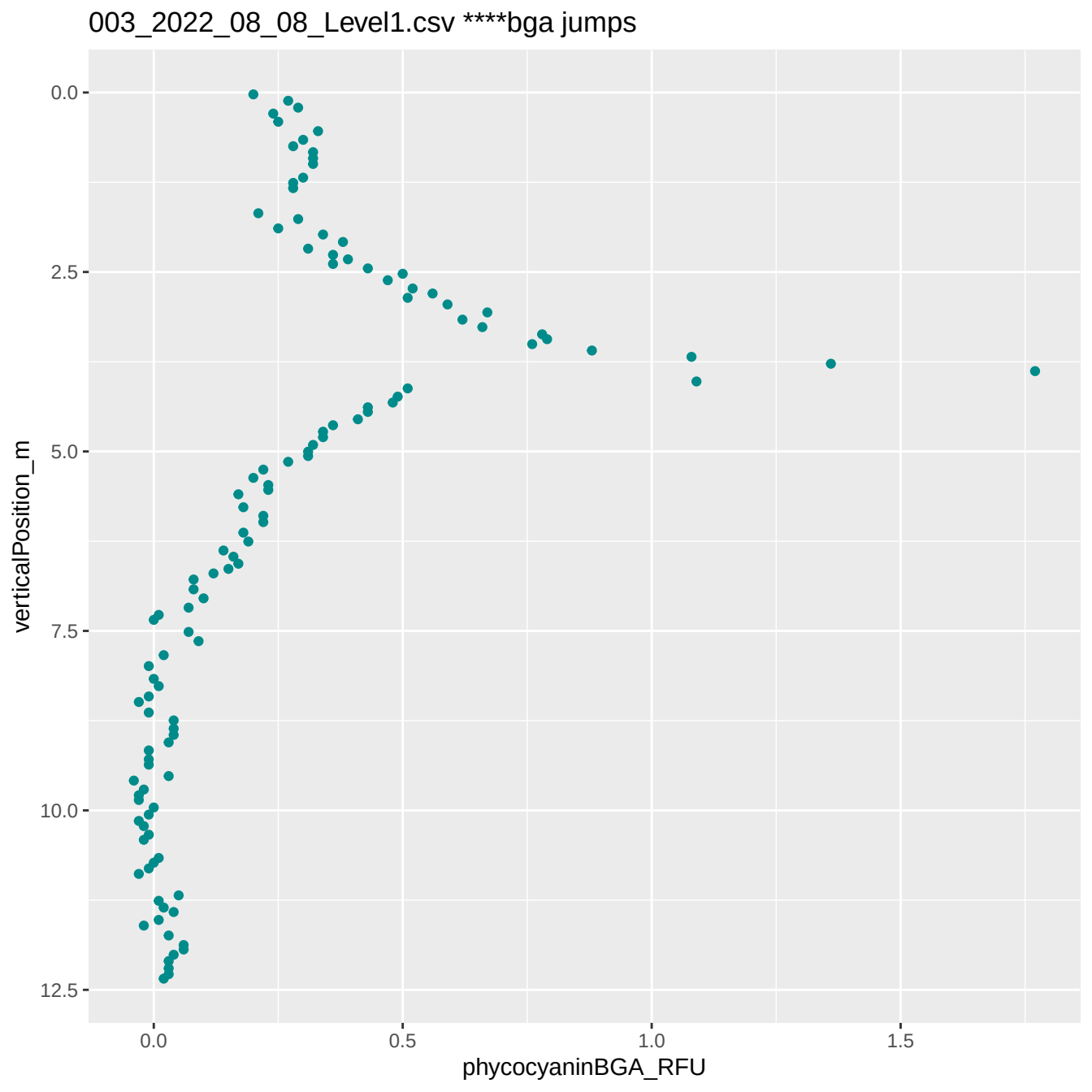

003_2022_06_21_Level1.csv ****chl jumps
0
5
10
verticalPosition_m
0
2
4
chlorophyll_RFU

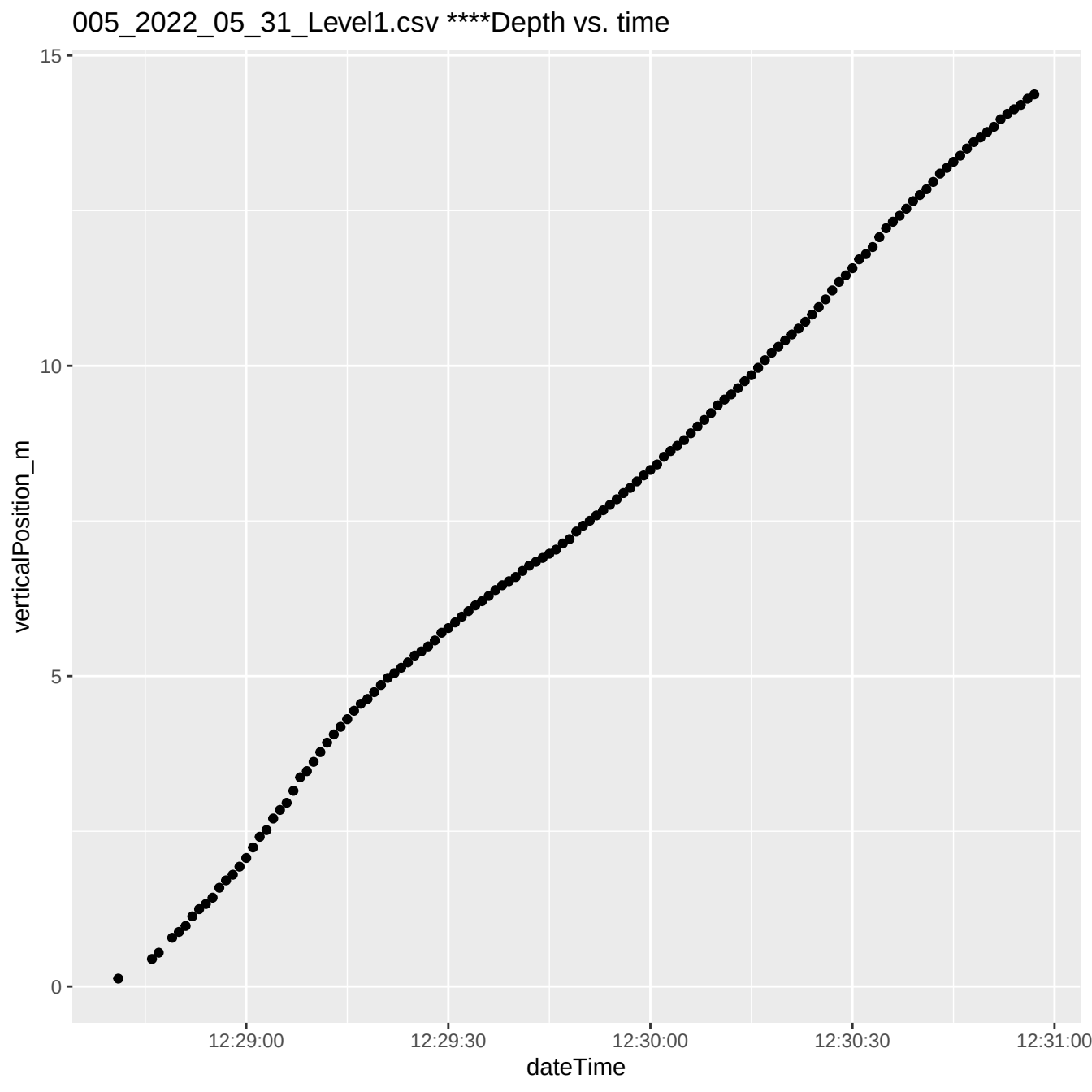

003_2022_06_21_Level1.csv ****bga jumps
0
5
10
verticalPosition_m
0.0
0.4
0.8
1.2
phycocyaninBGA_RFU

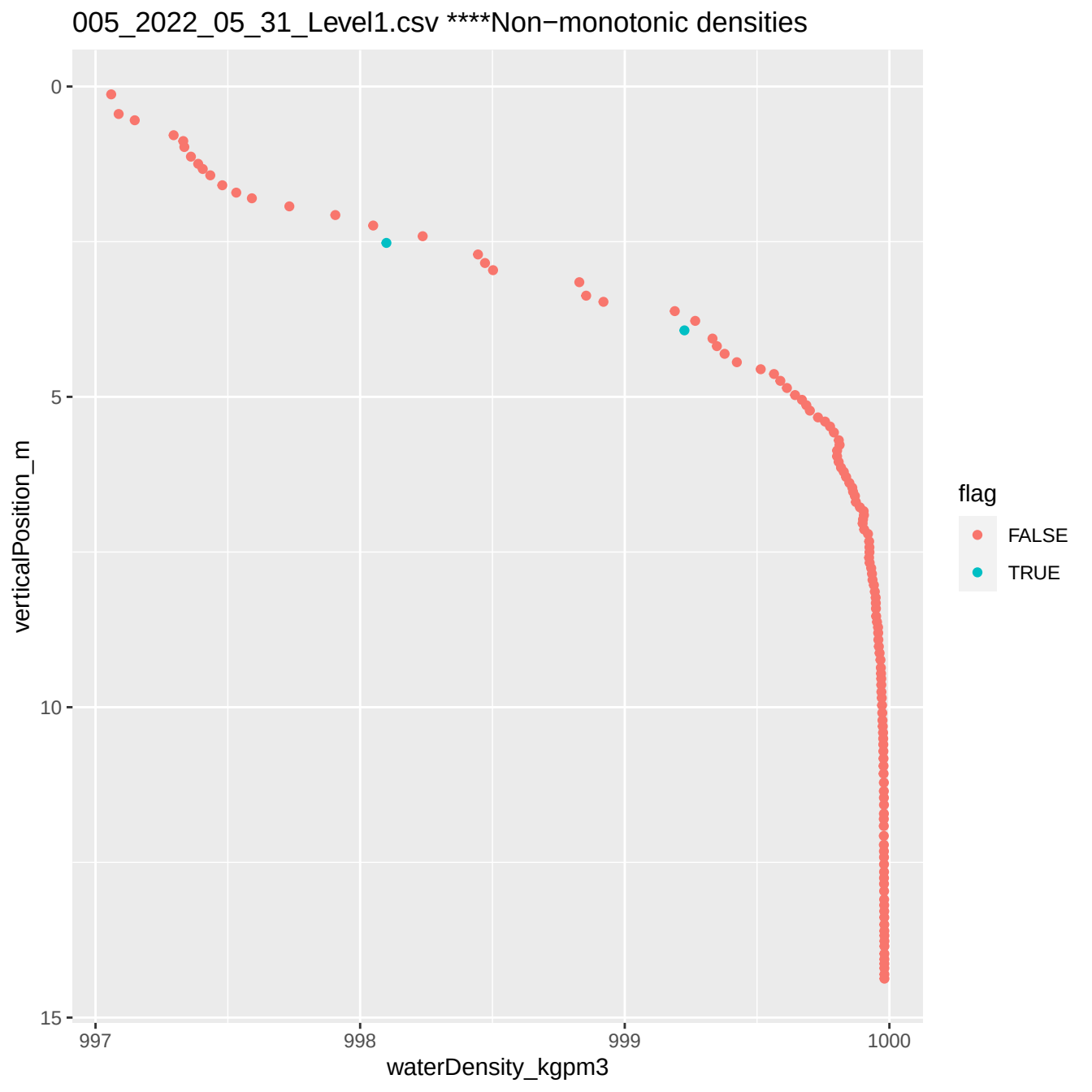

003_2022_07_18_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
10:46
10:47
10:48
dateTime

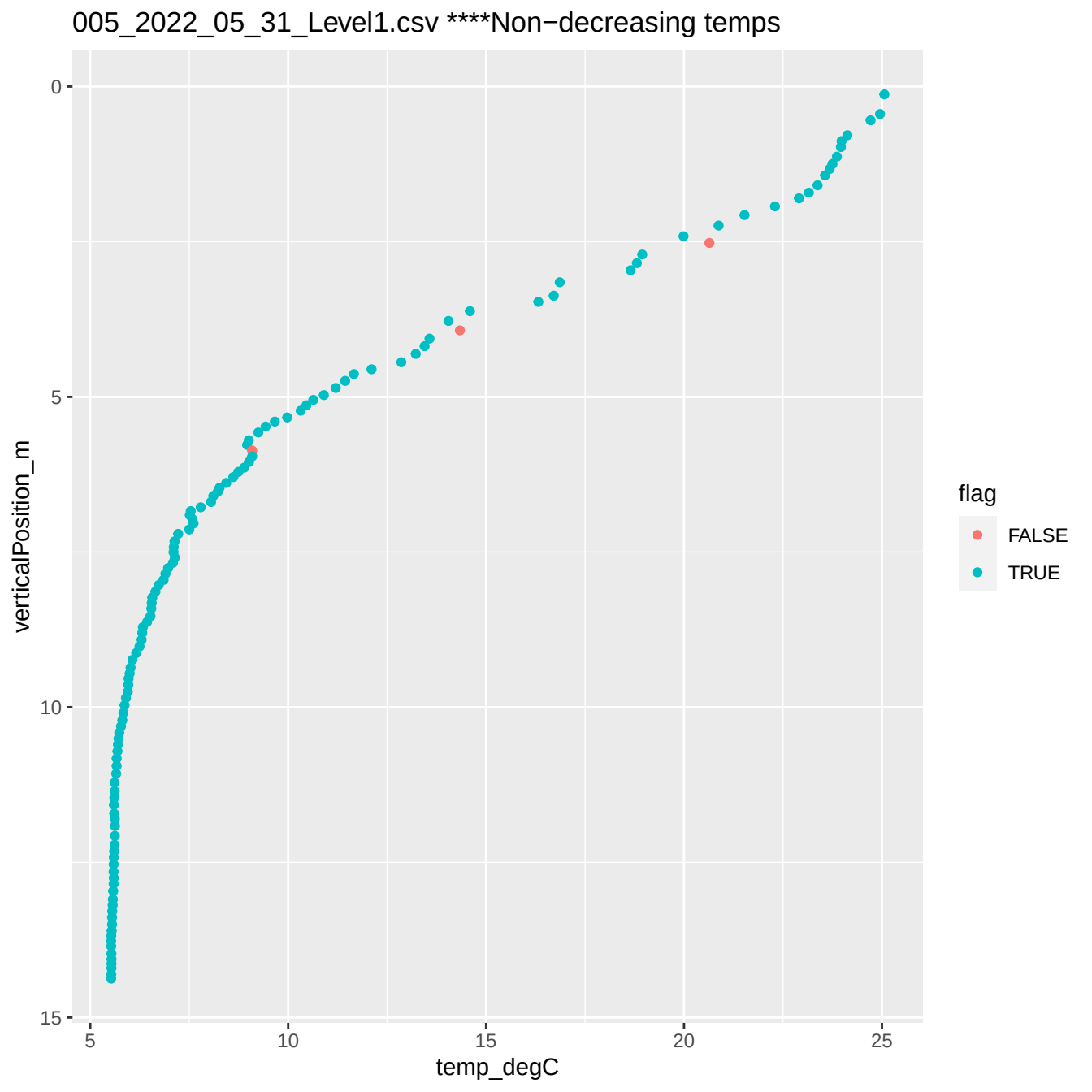

003_2022_07_18_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
5
10
15
20
25
temp_degC
flag
FALSE
TRUE

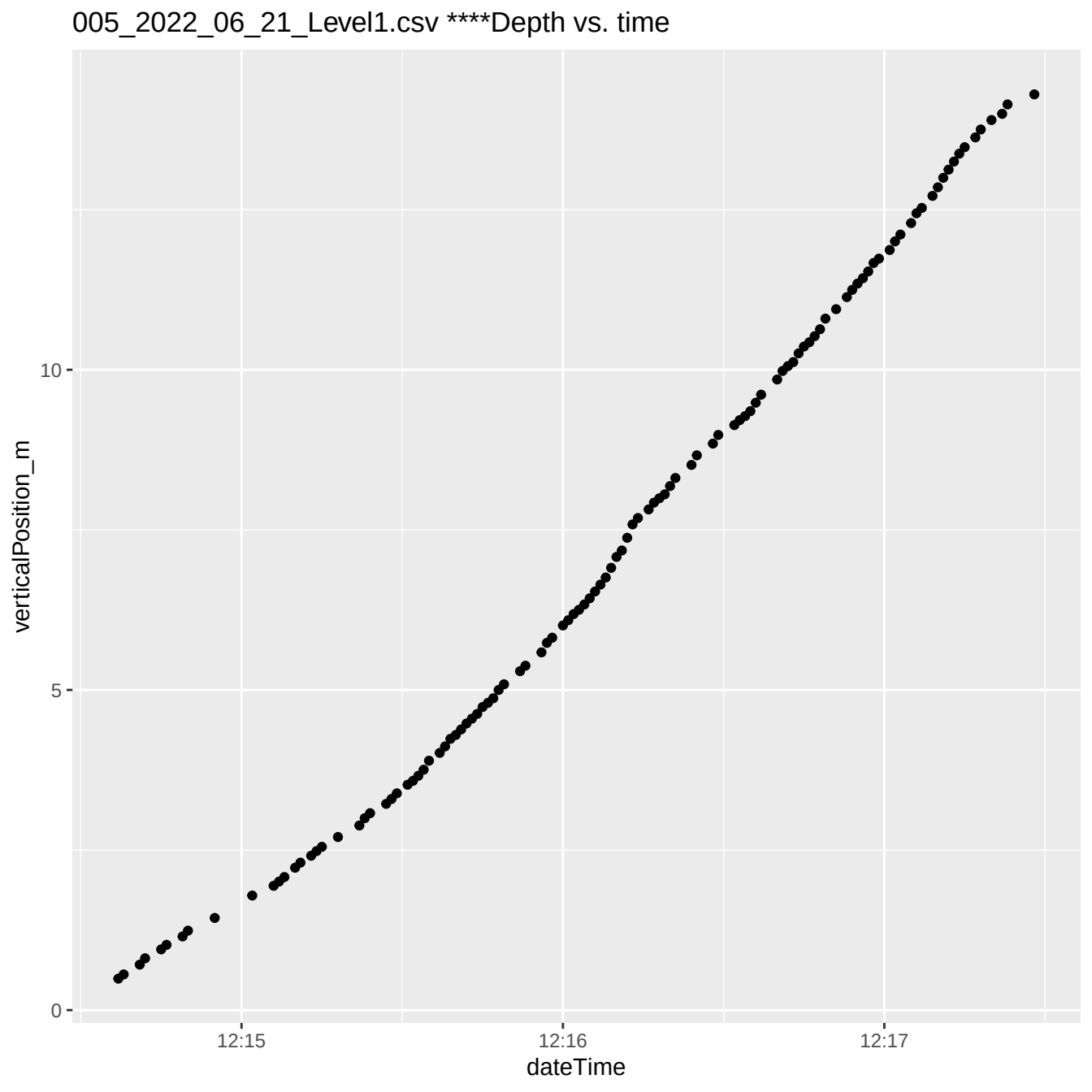

003_2022_08_08_Level1.csv ****Depth vs. time
12.5
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
10:33
10:34
10:35
dateTime

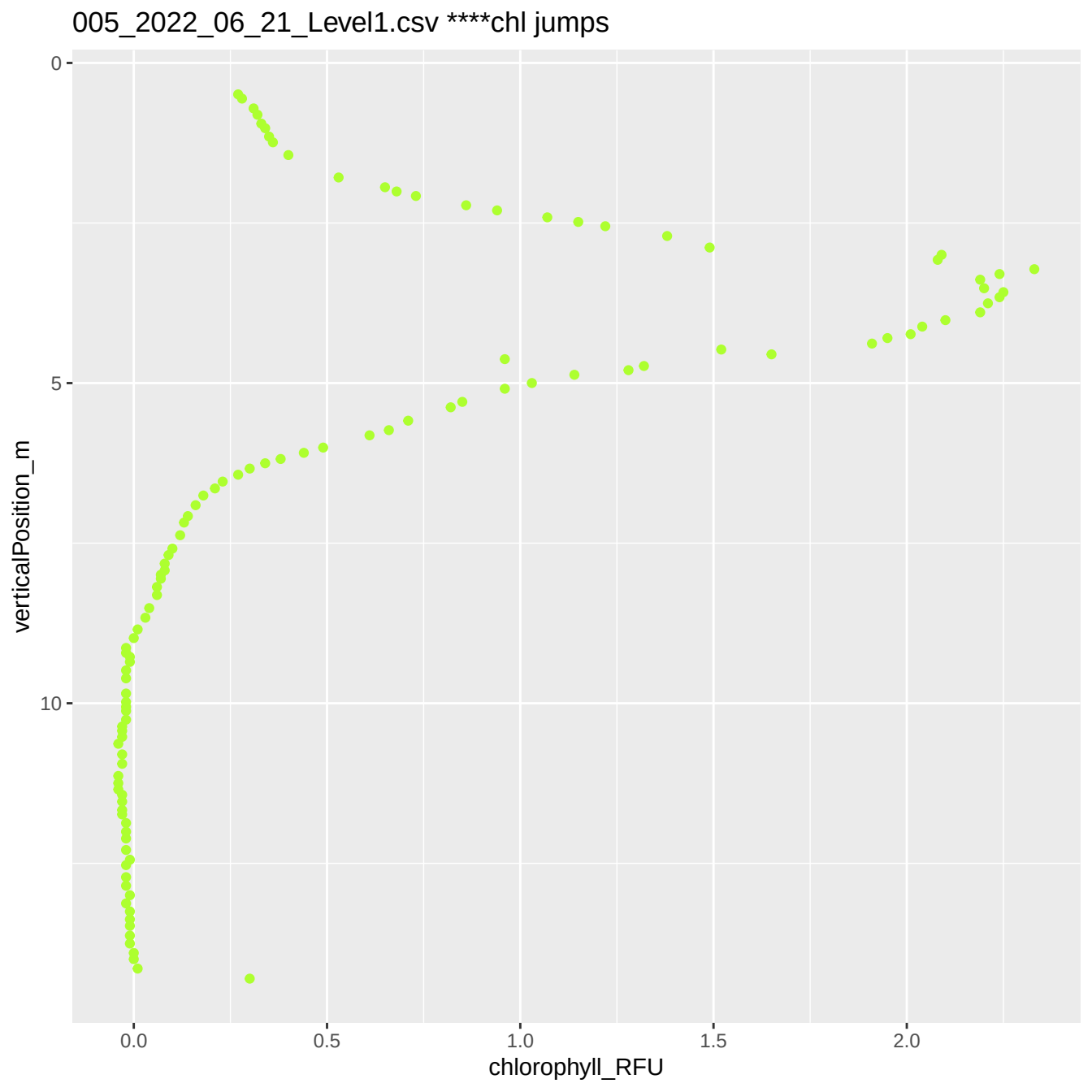

003_2022_08_08_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
12.5
0.0
0.5
1.0
1.5
phycocyaninBGA_RFU

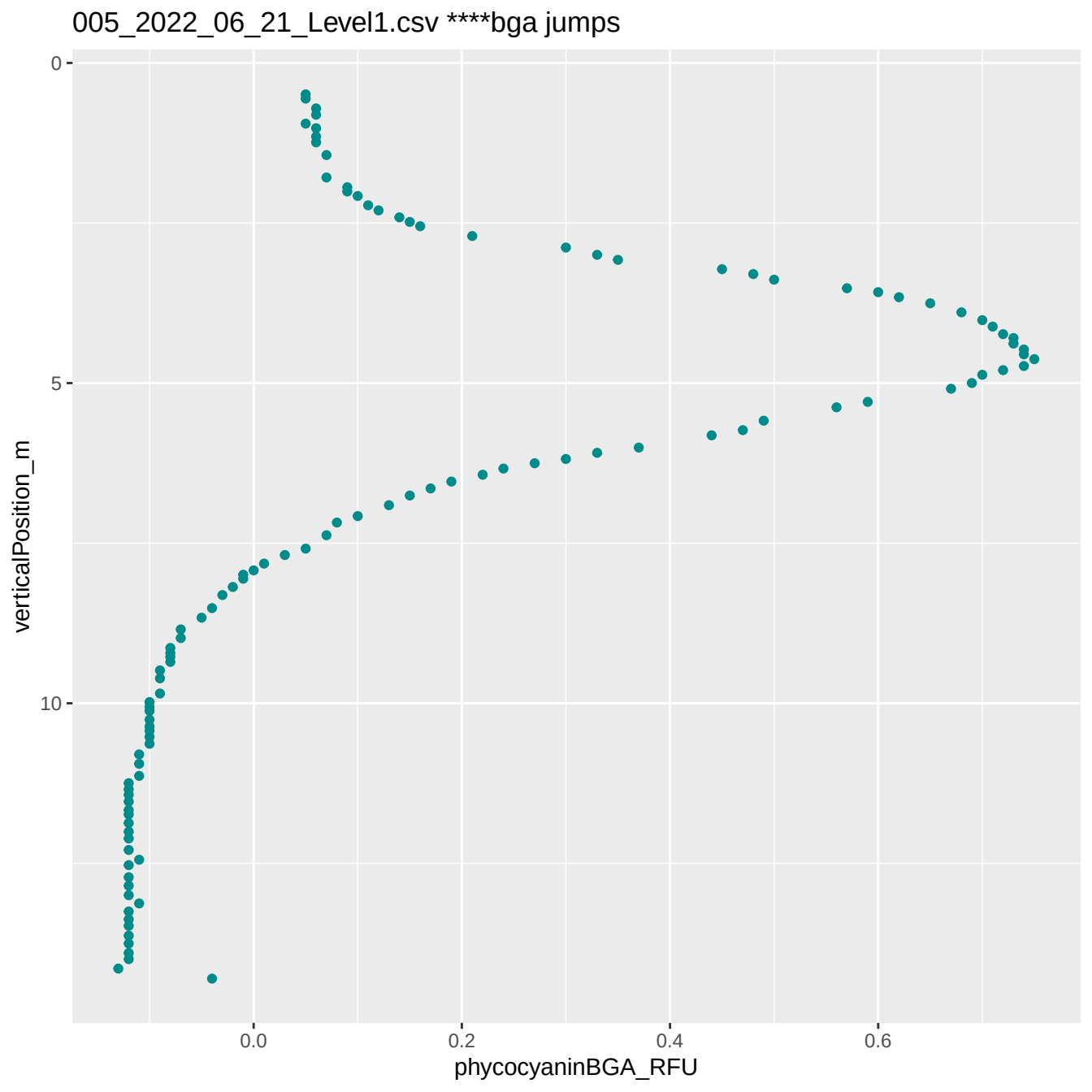

005_2022_05_31_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
12:29:00
12:29:30
12:30:00
12:30:30
12:31:00
dateTime

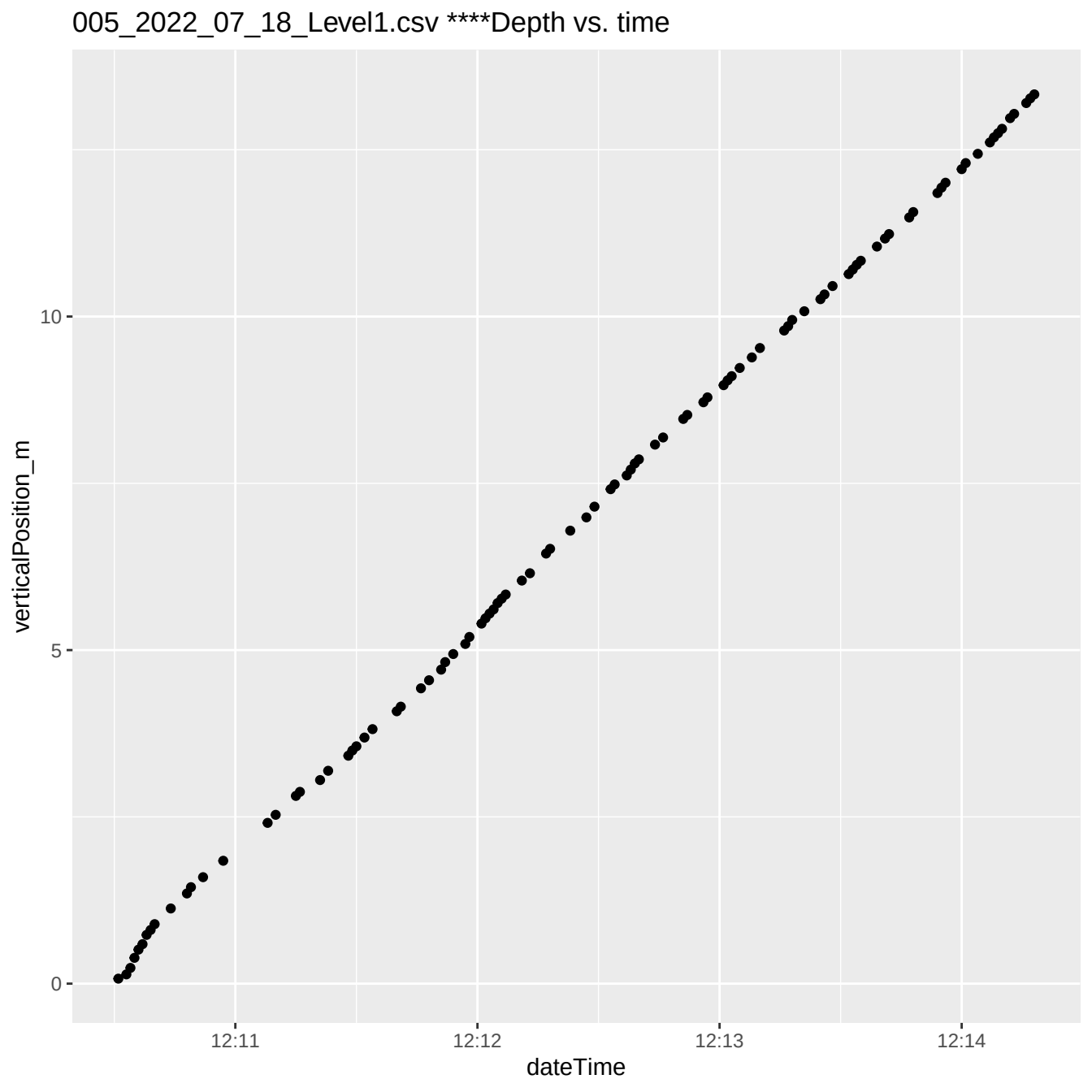

005_2022_05_31_Level1.csv ****Non−monotonic densities
0
5
10
15
verticalPosition_m
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

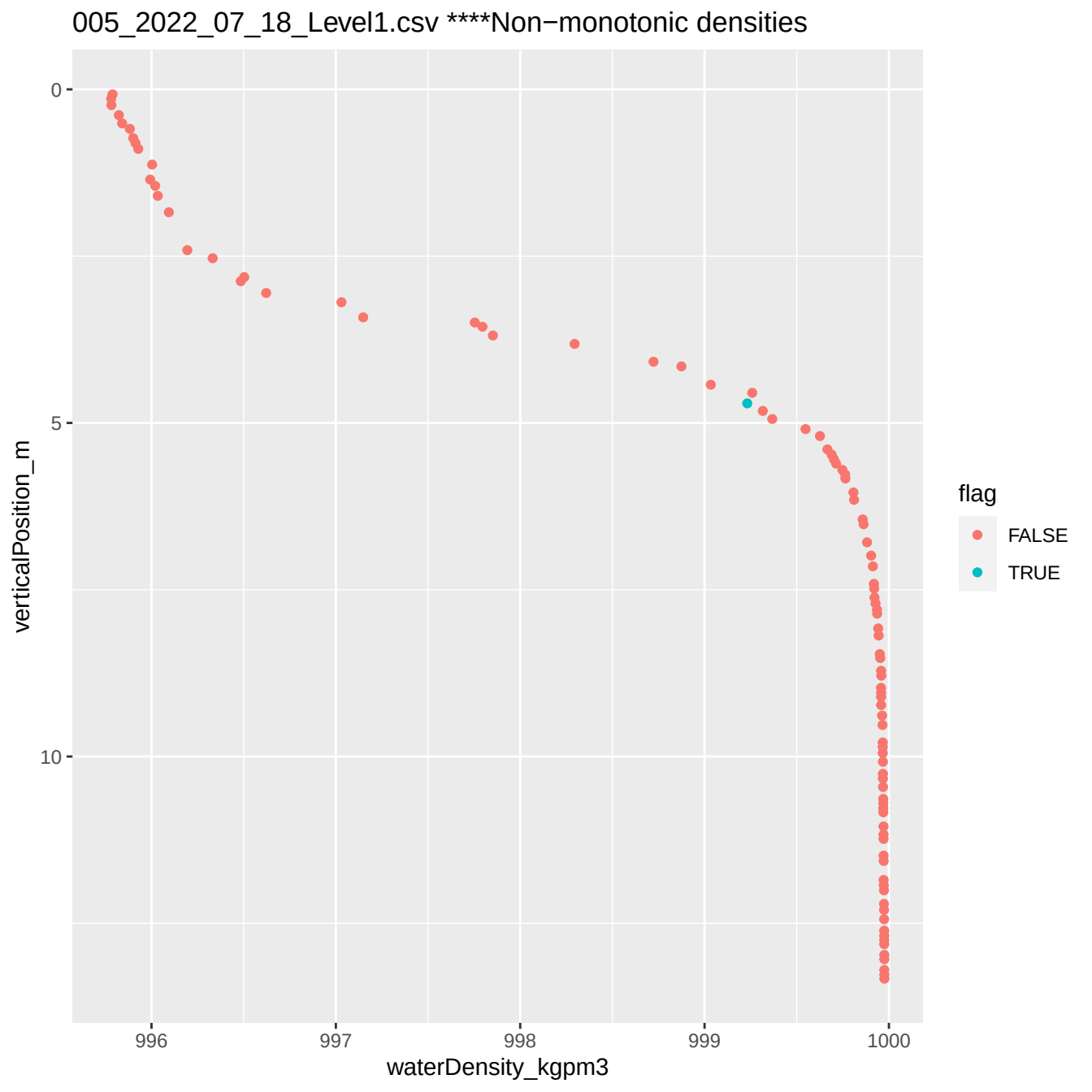

005_2022_05_31_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
temp_degC
5
10
15
20
25
flag
FALSE
TRUE

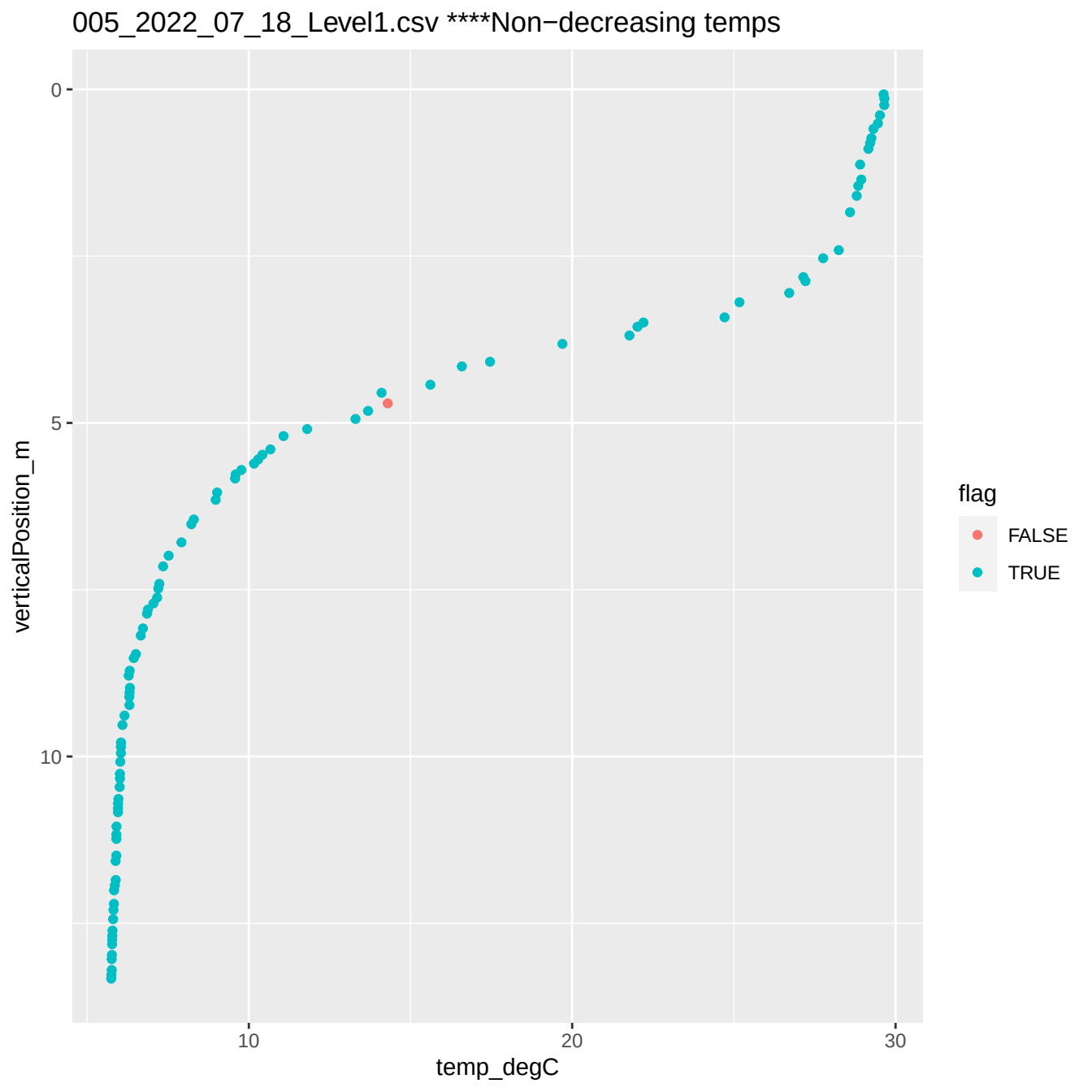

005_2022_06_21_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
12:15
12:16
12:17
dateTime

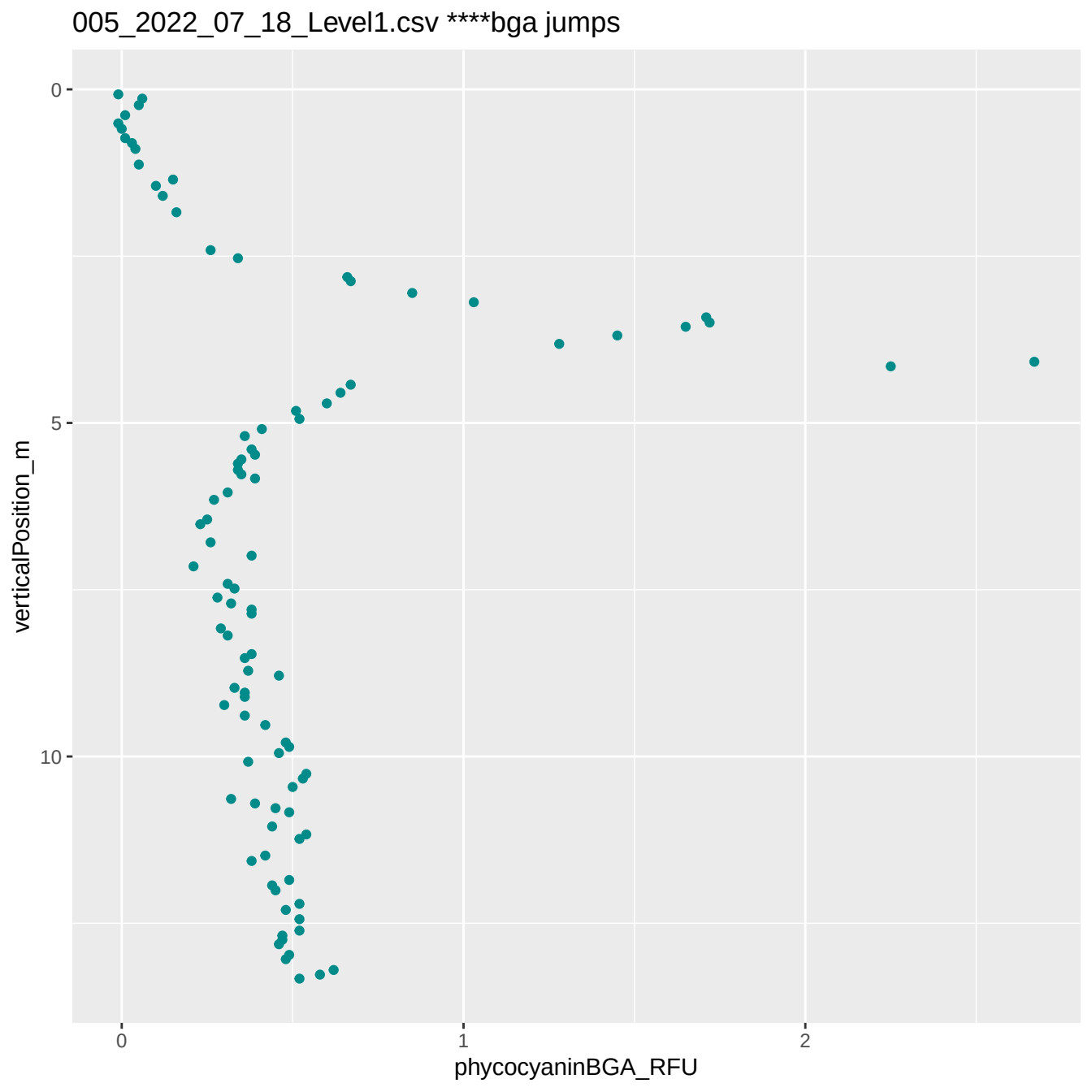

005_2022_06_21_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
0.0
0.5
1.0
1.5
2.0
chlorophyll_RFU

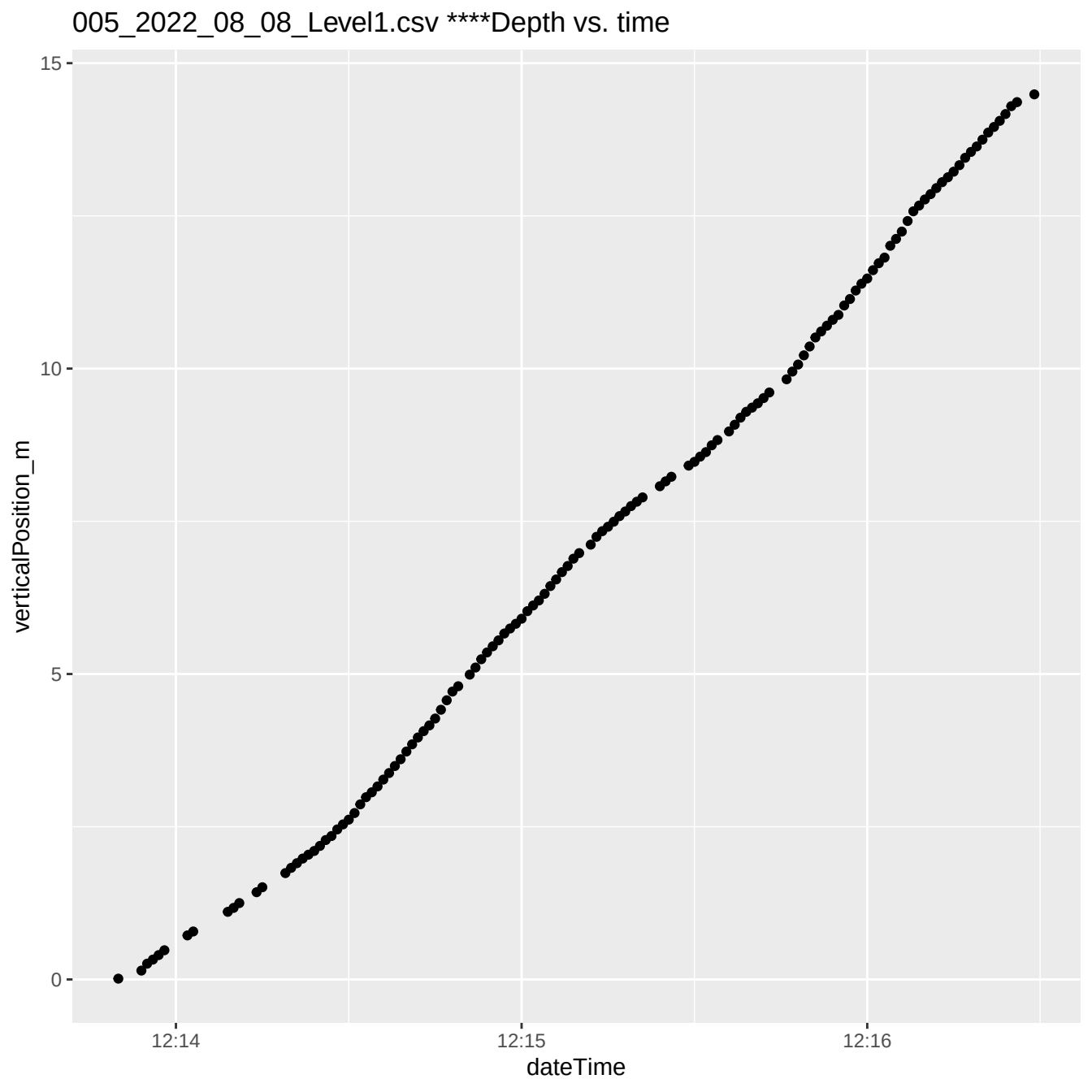

005_2022_06_21_Level1.csv ****bga jumps
0
5
10
verticalPosition_m
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

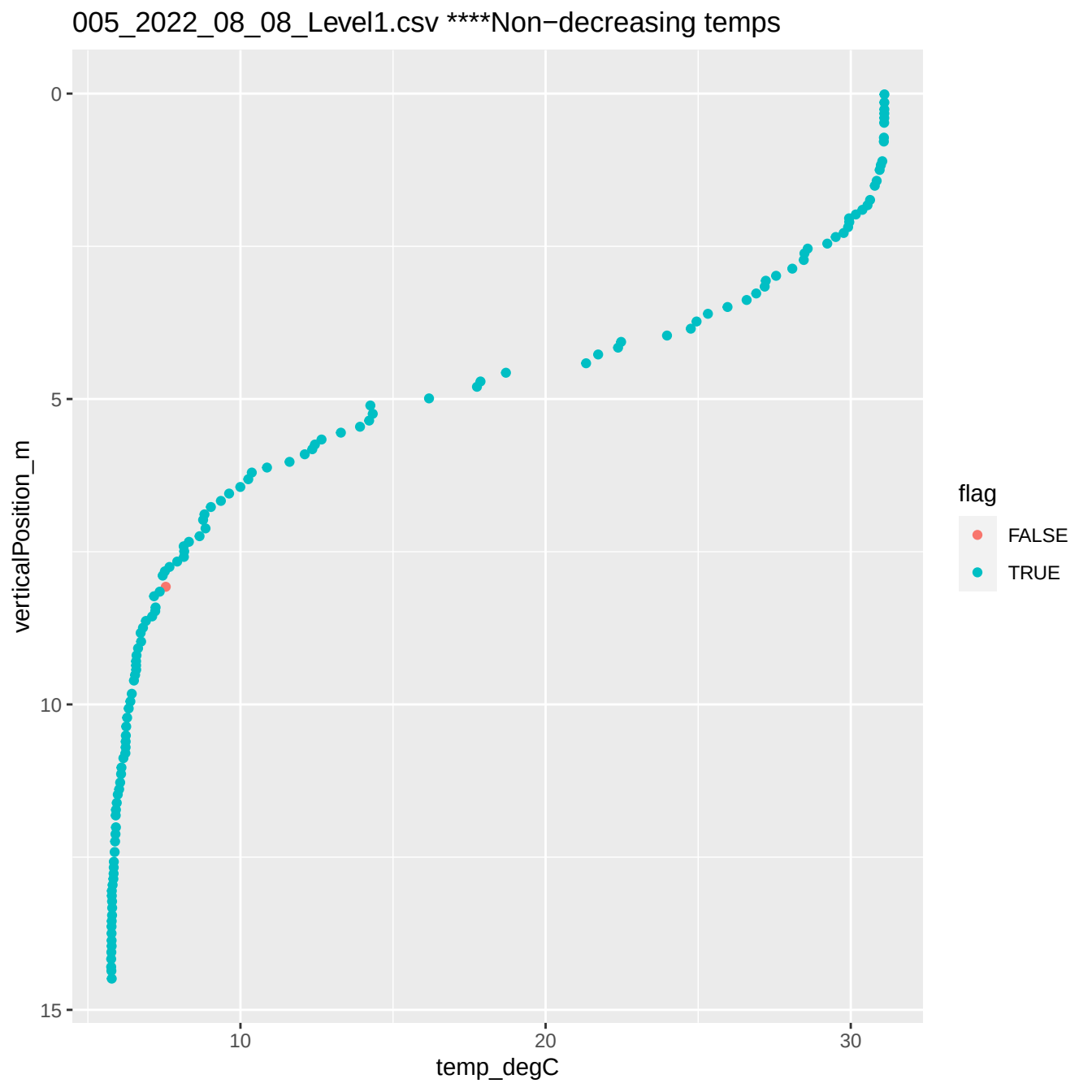

005_2022_07_18_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
12:11
12:12
12:13
12:14
dateTime

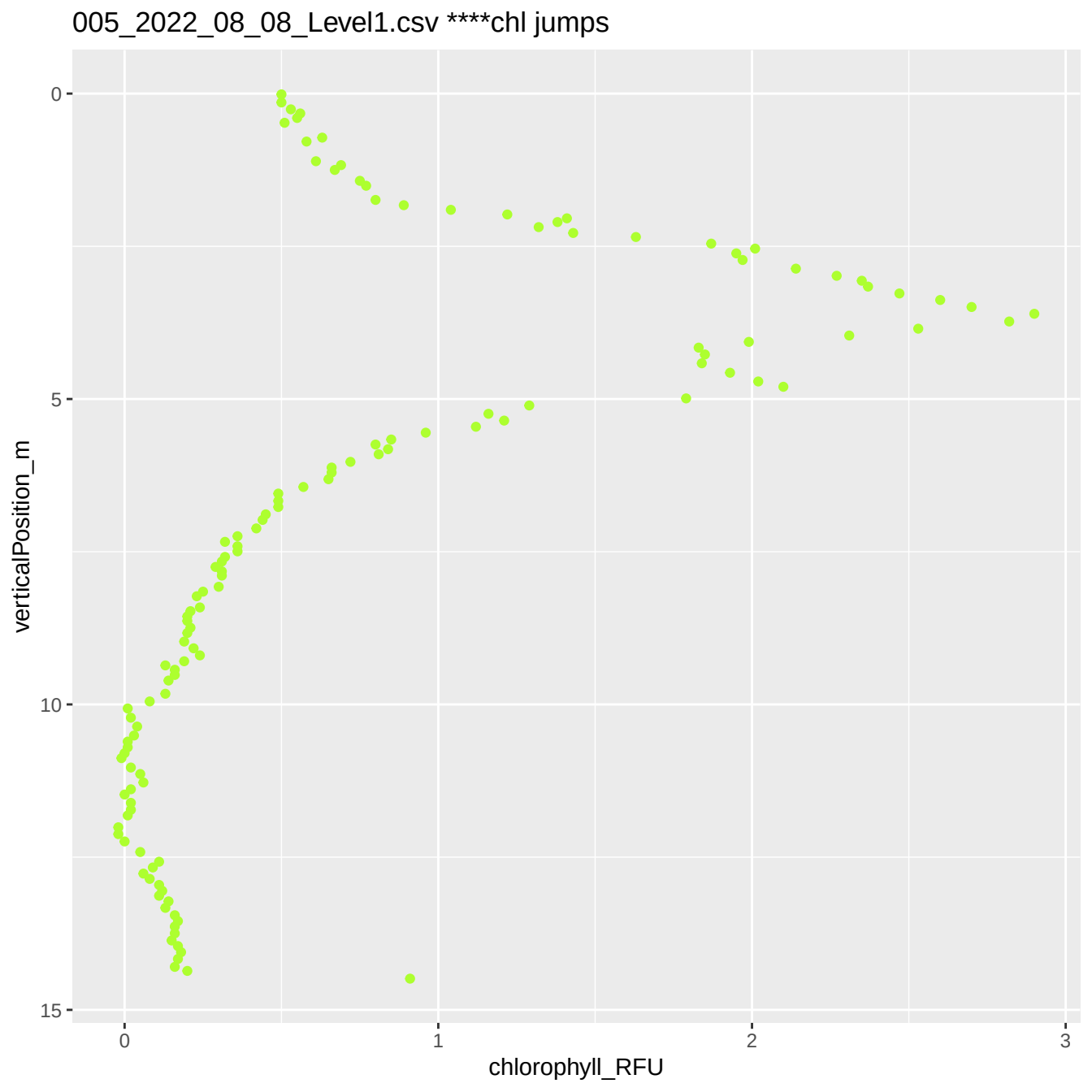

005_2022_07_18_Level1.csv ****Non−monotonic densities
0
5
10
verticalPosition_m
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

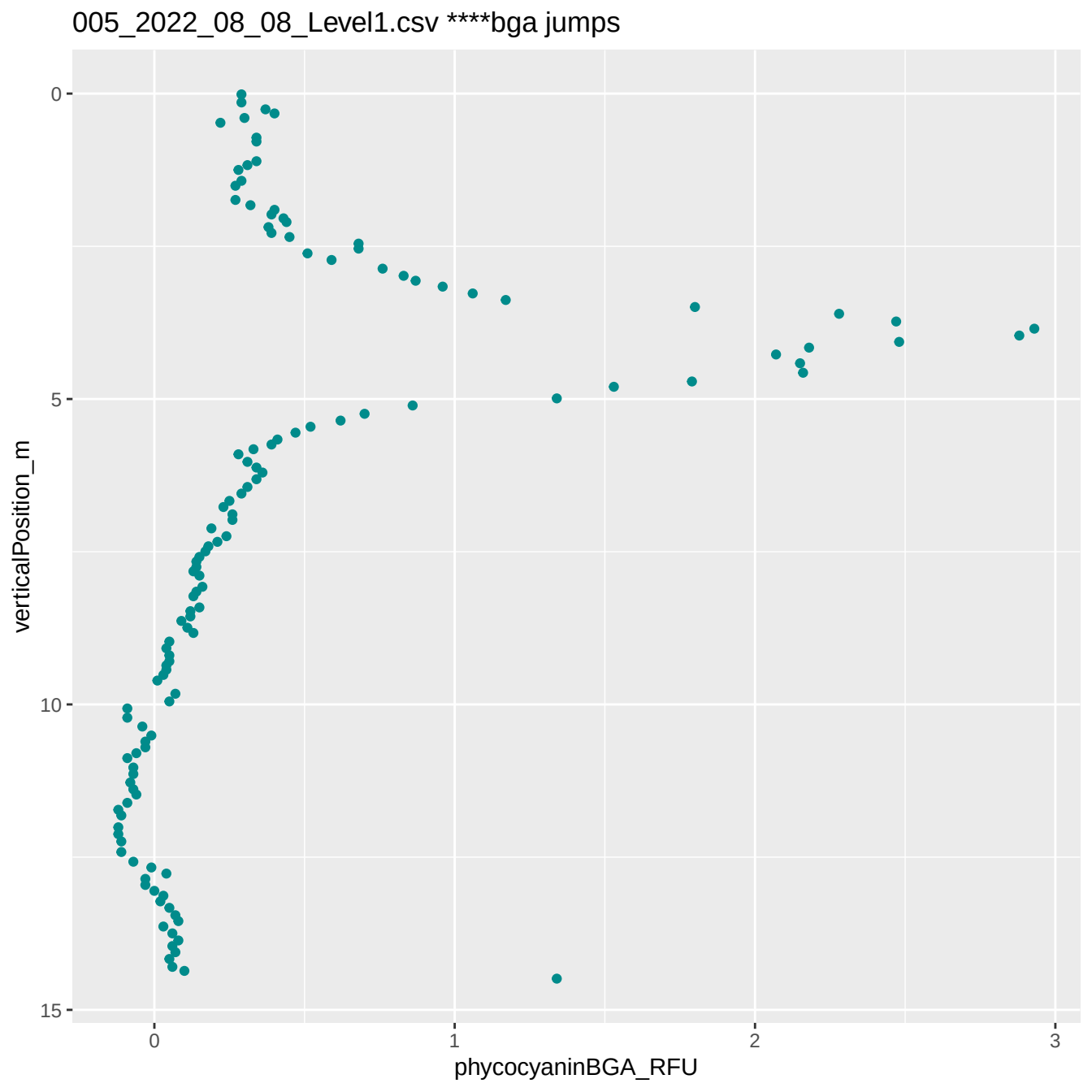

005_2022_07_18_Level1.csv ****Non−decreasing temps
0
5
10
verticalPosition_m
10
20
30
temp_degC
flag
FALSE
TRUE

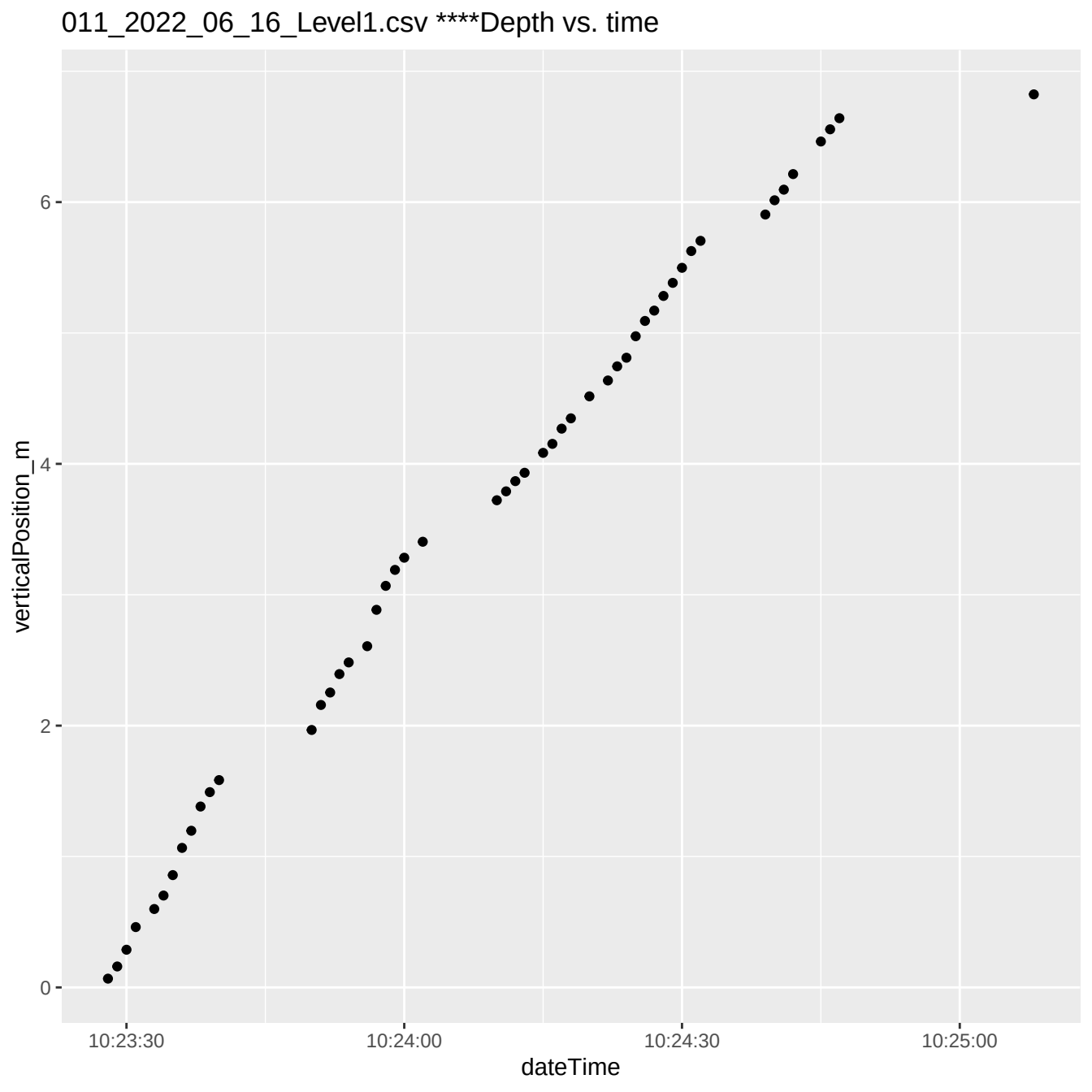

005_2022_07_18_Level1.csv ****bga jumps
0
5
10
verticalPosition_m
0
1
2
phycocyaninBGA_RFU

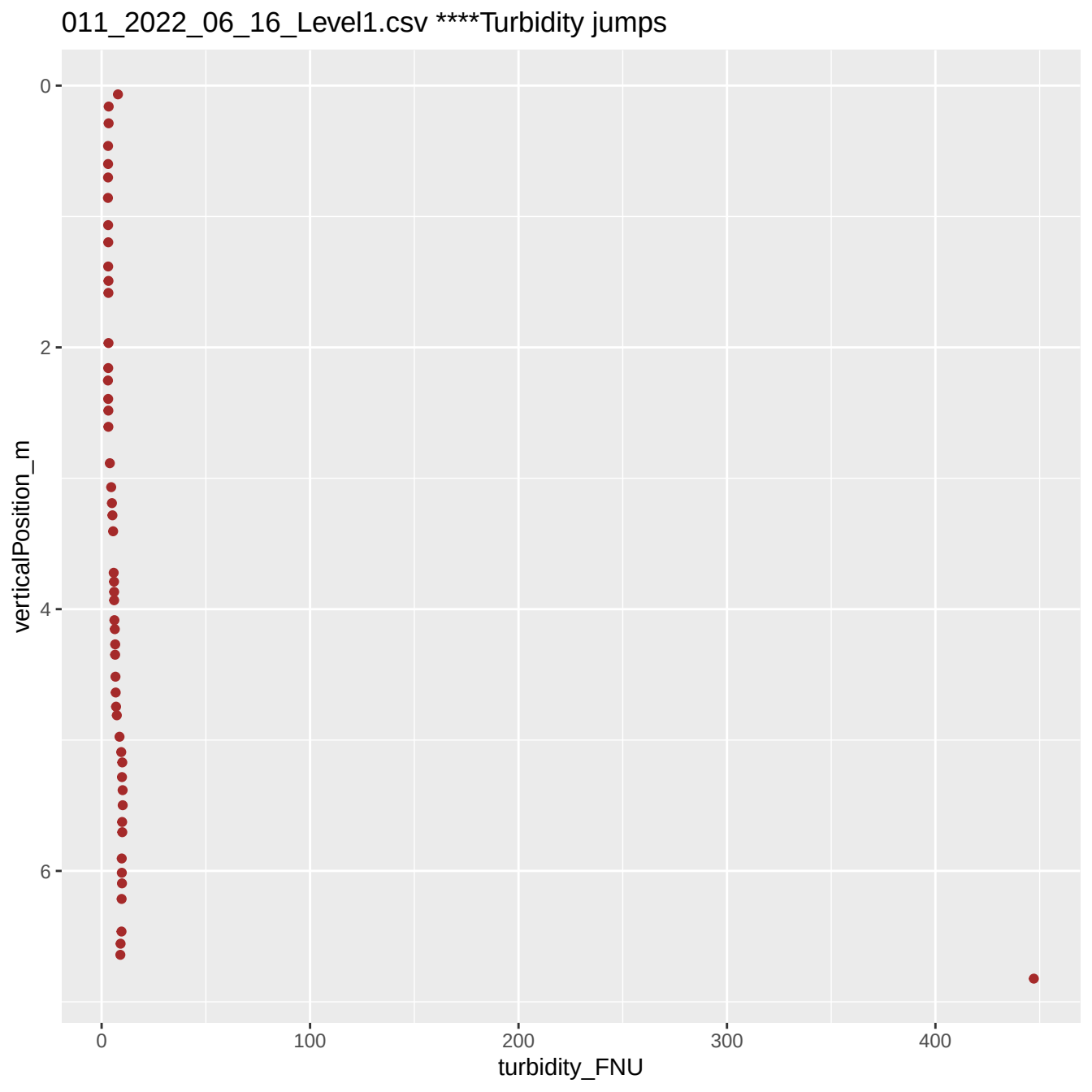

005_2022_08_08_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
12:14
12:15
12:16
dateTime

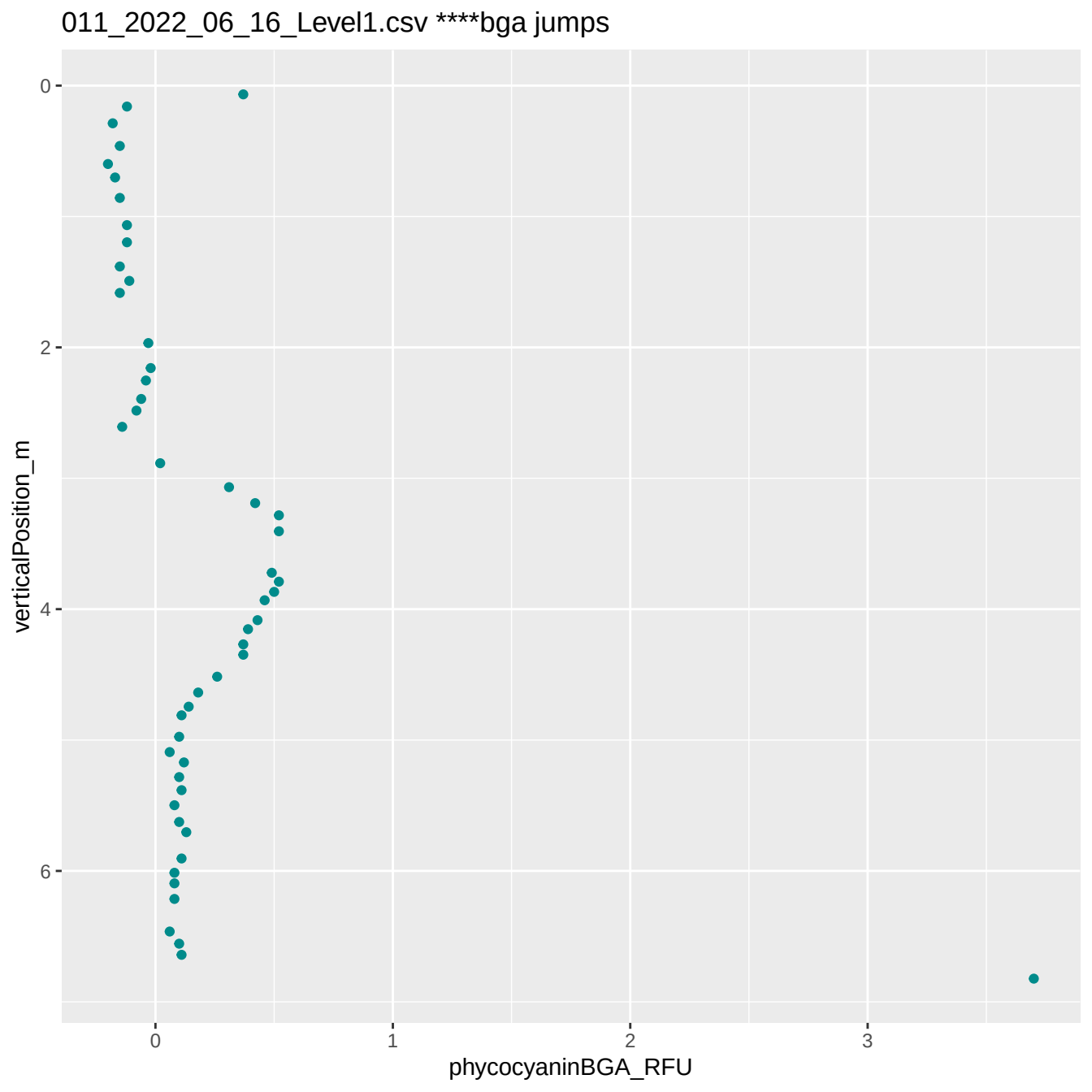

005_2022_08_08_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
20
30
temp_degC
flag
FALSE
TRUE

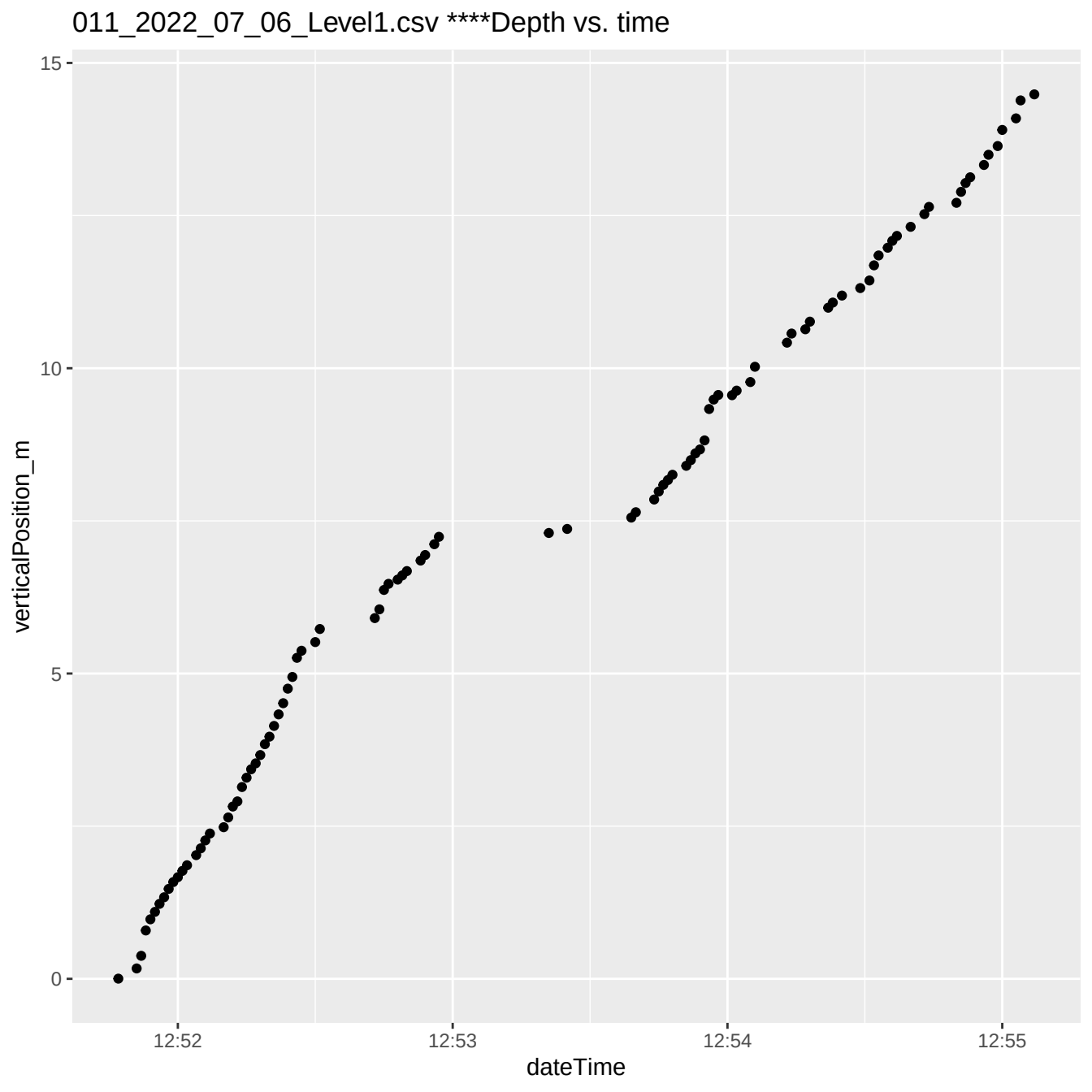

005_2022_08_08_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
chlorophyll_RFU
0
1
2
3

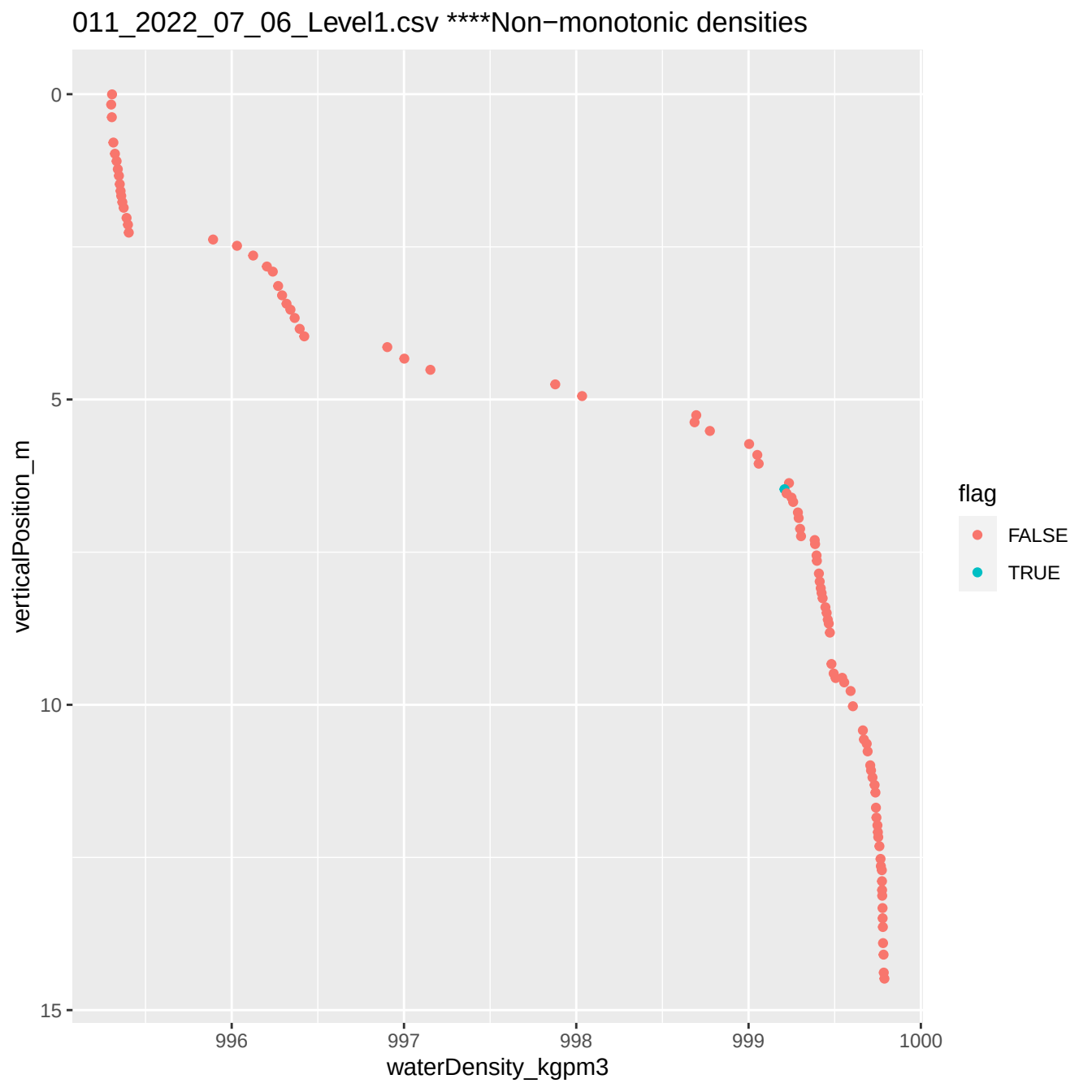

005_2022_08_08_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0
1
2
3
phycocyaninBGA_RFU

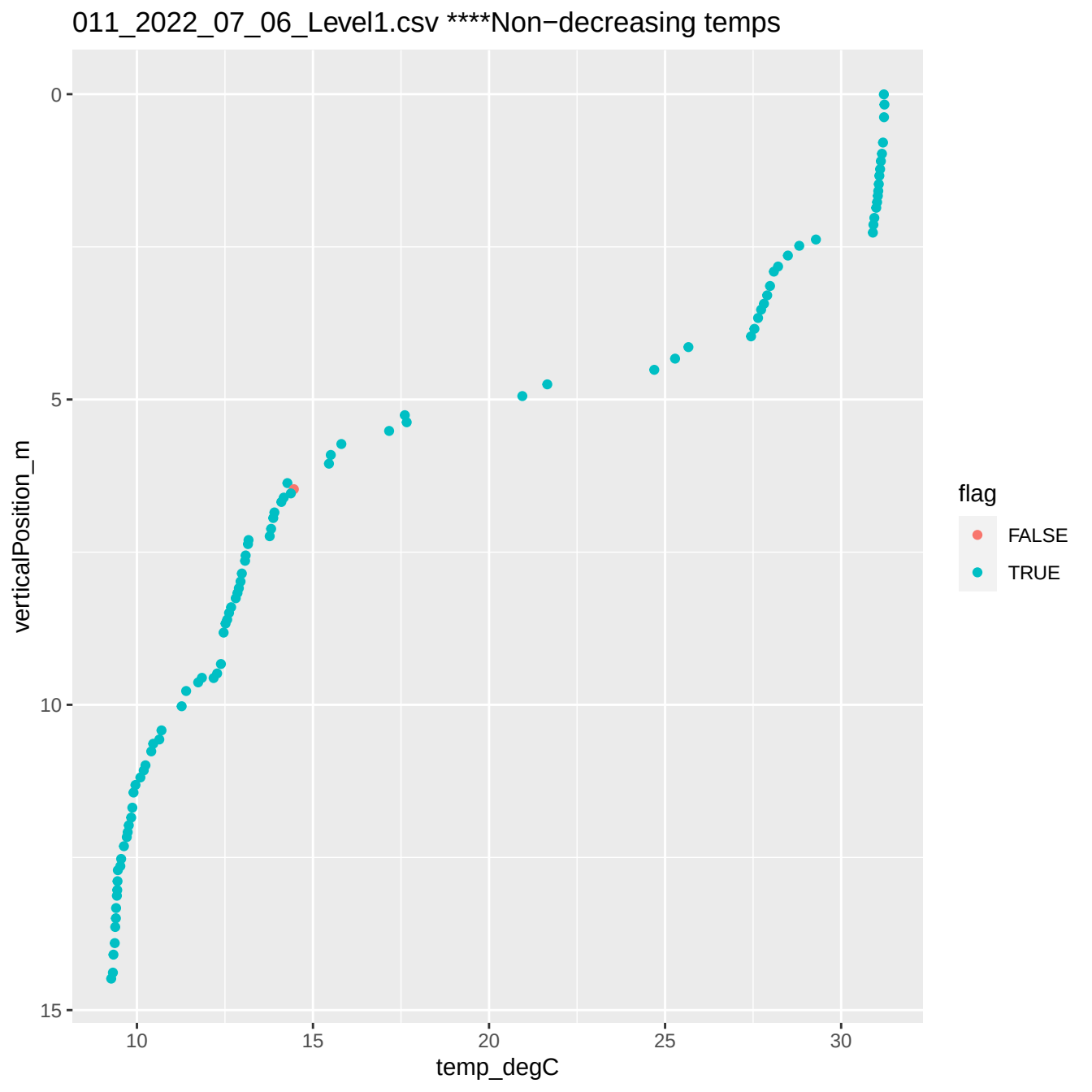

011_2022_06_16_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
10:23:30
10:24:00
10:24:30
10:25:00
dateTime

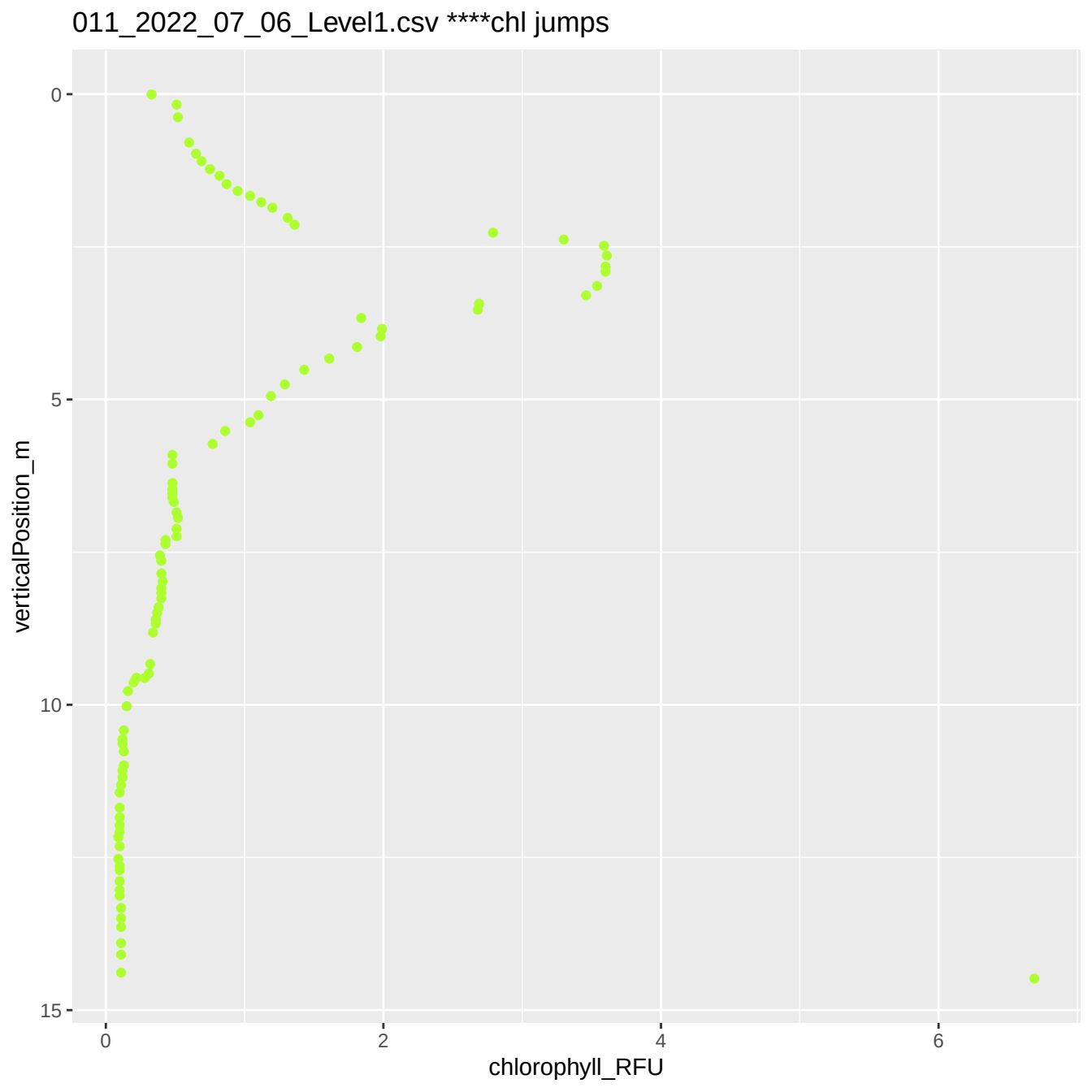

011_2022_06_16_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
0
100
200
300
400
turbidity_FNU

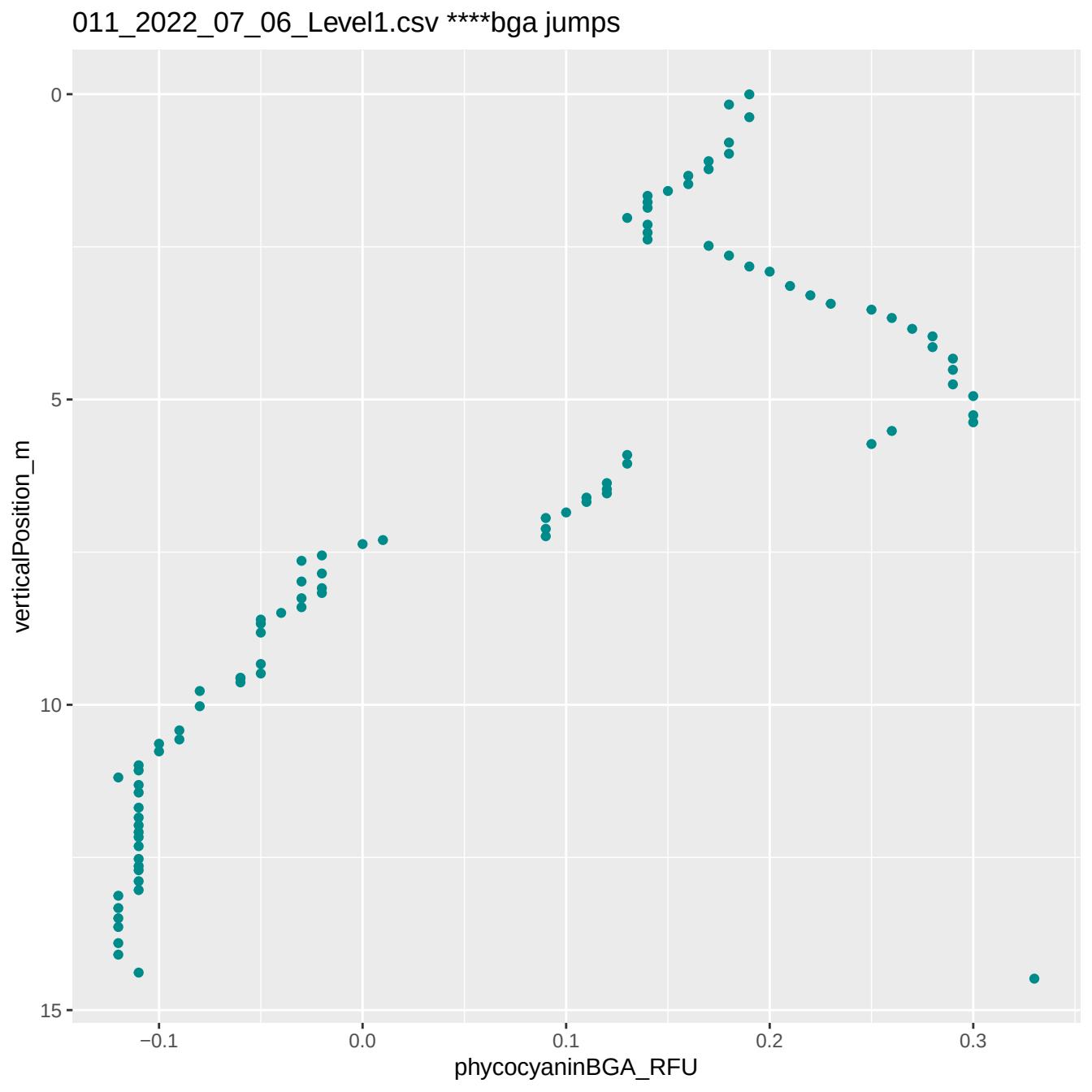

011_2022_06_16_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0
1
2
3
phycocyaninBGA_RFU

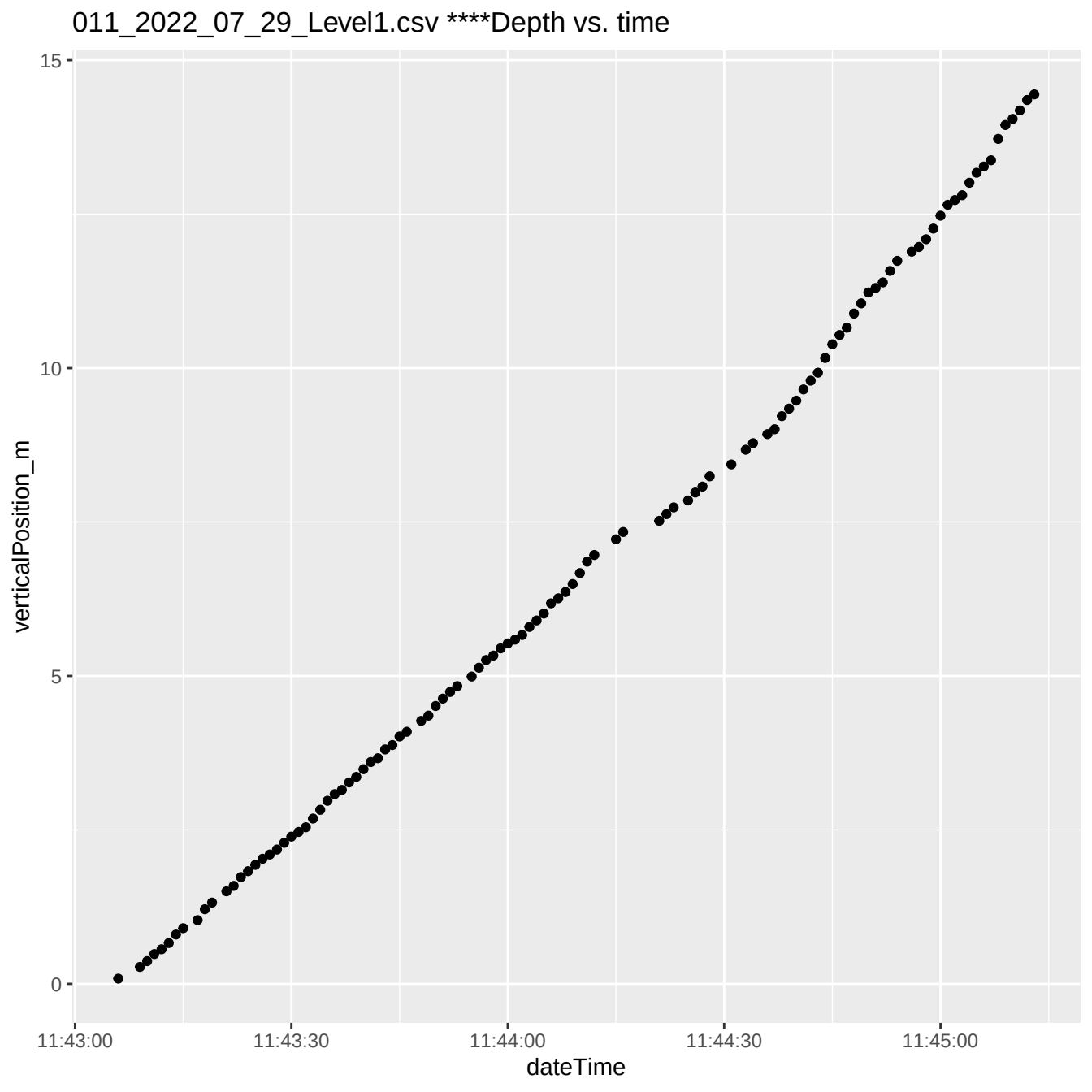

011_2022_07_06_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
12:52
12:53
12:54
12:55
dateTime

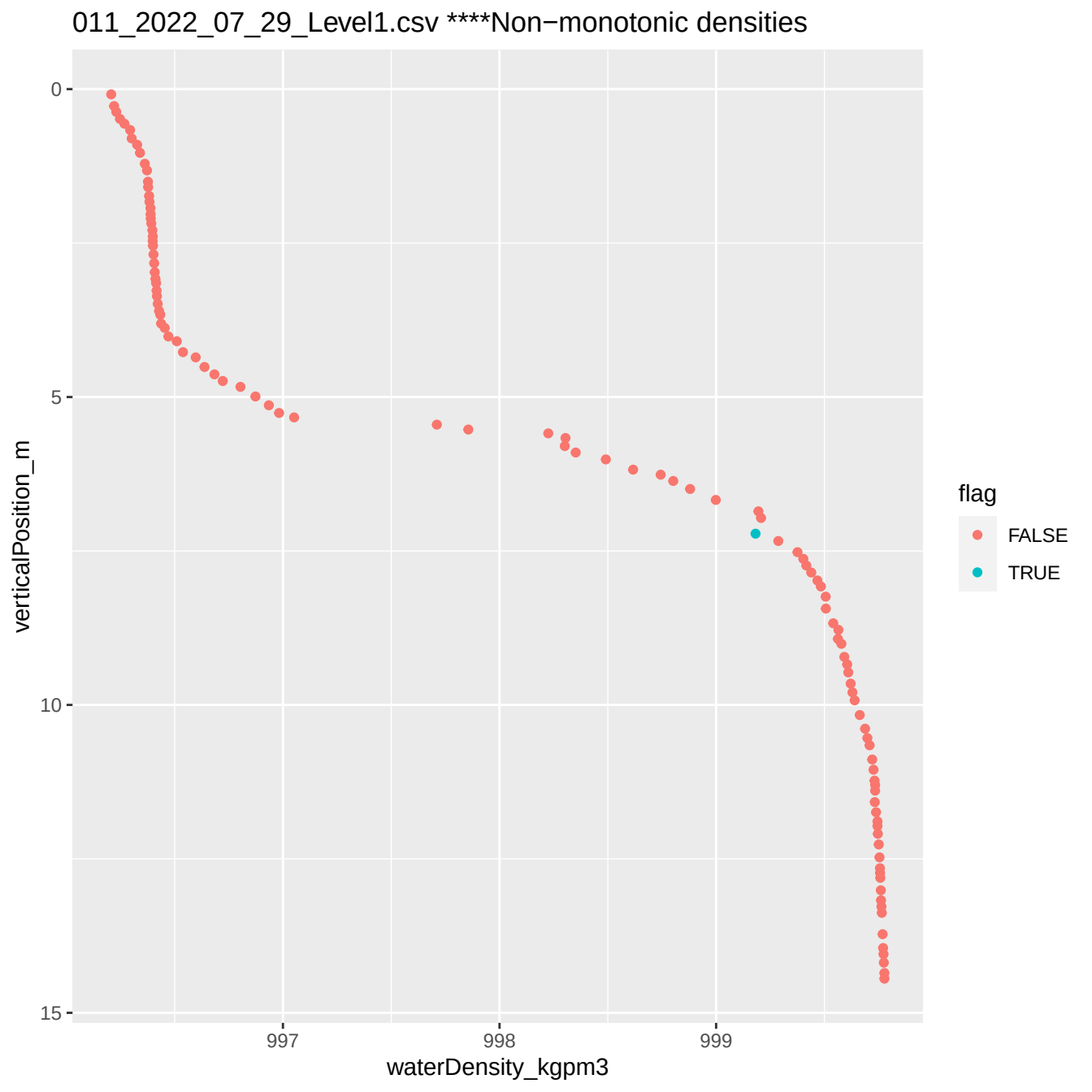

011_2022_07_06_Level1.csv ****Non−monotonic densities
0
5
10
15
verticalPosition_m
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

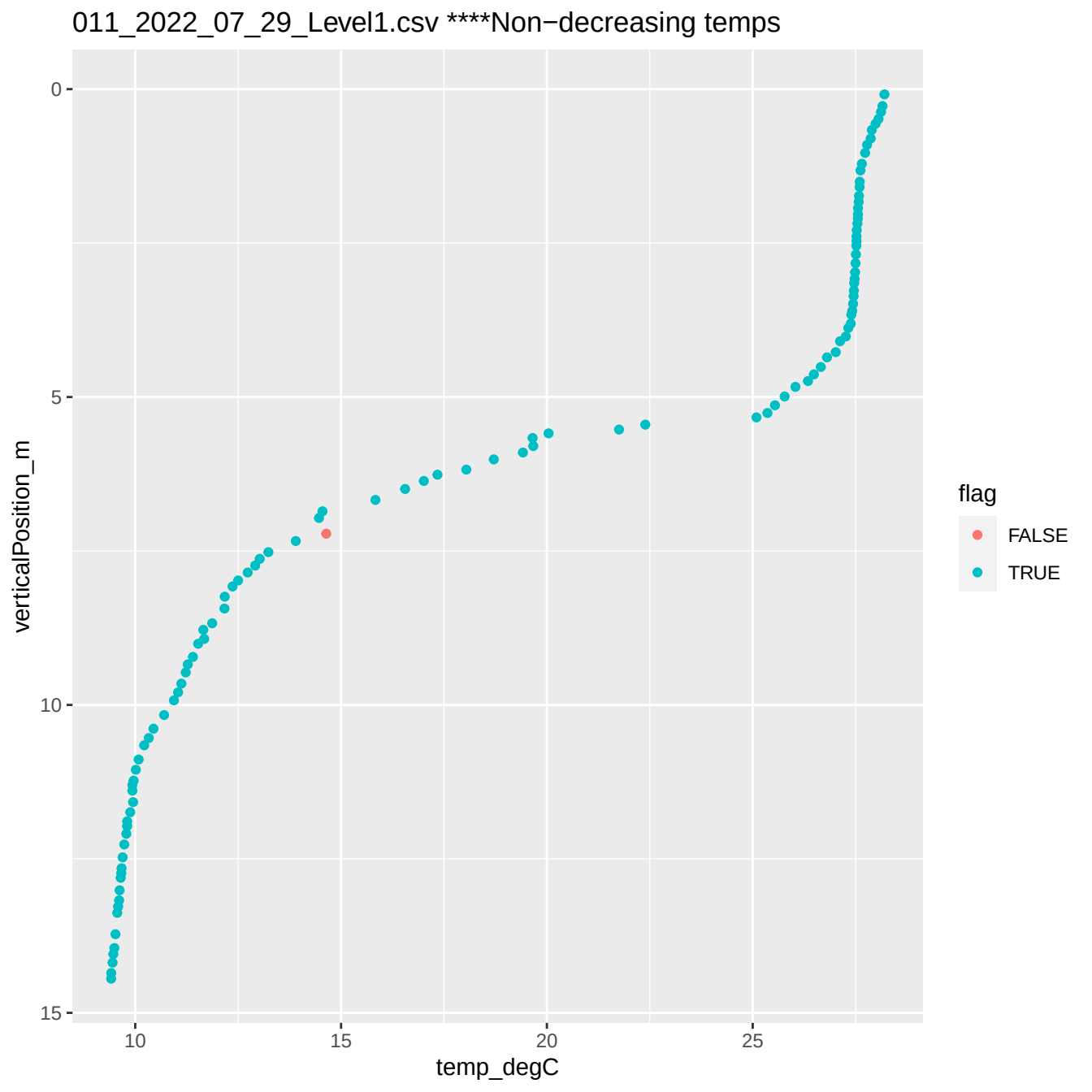

011_2022_07_06_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

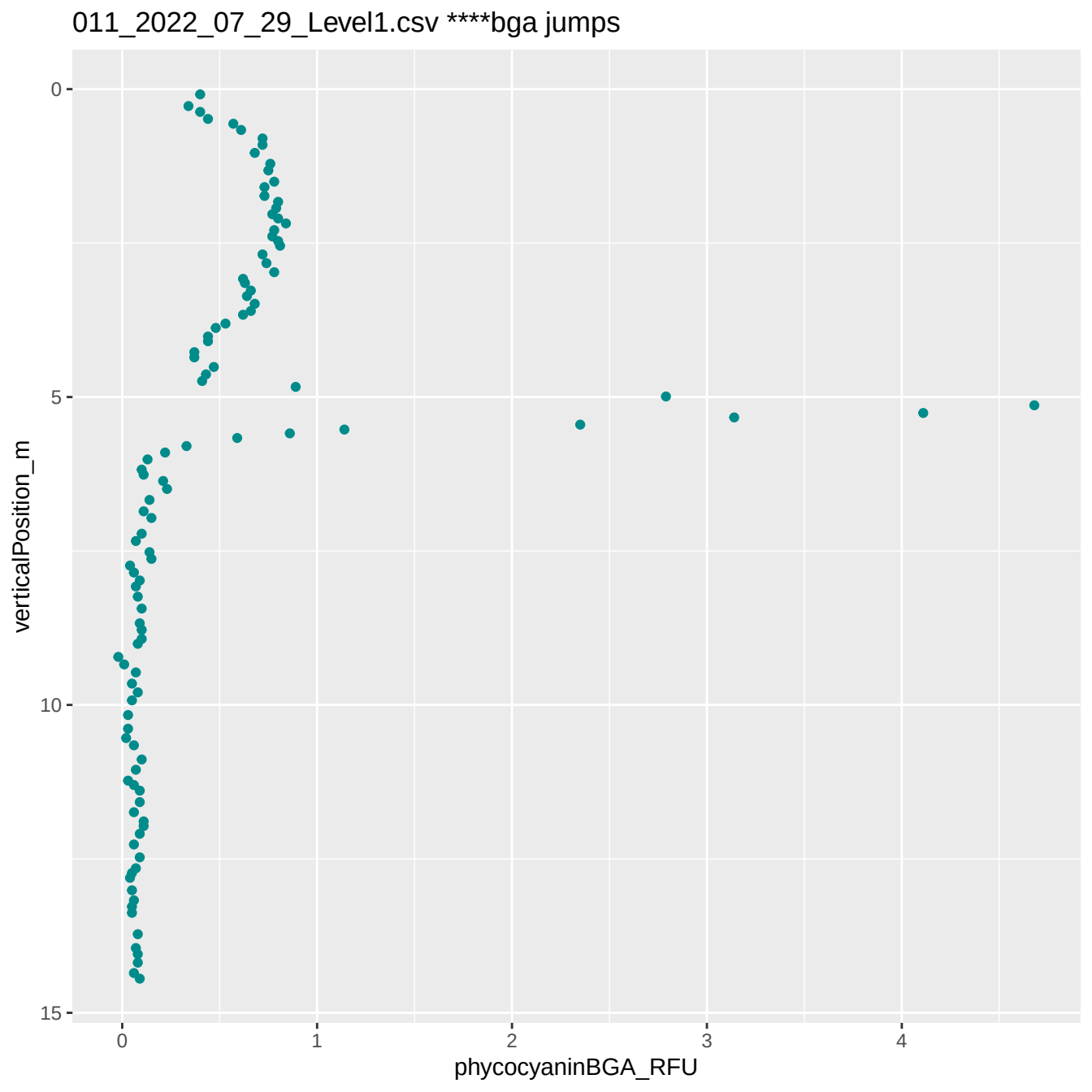

011_2022_07_06_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0
2
4
6
chlorophyll_RFU

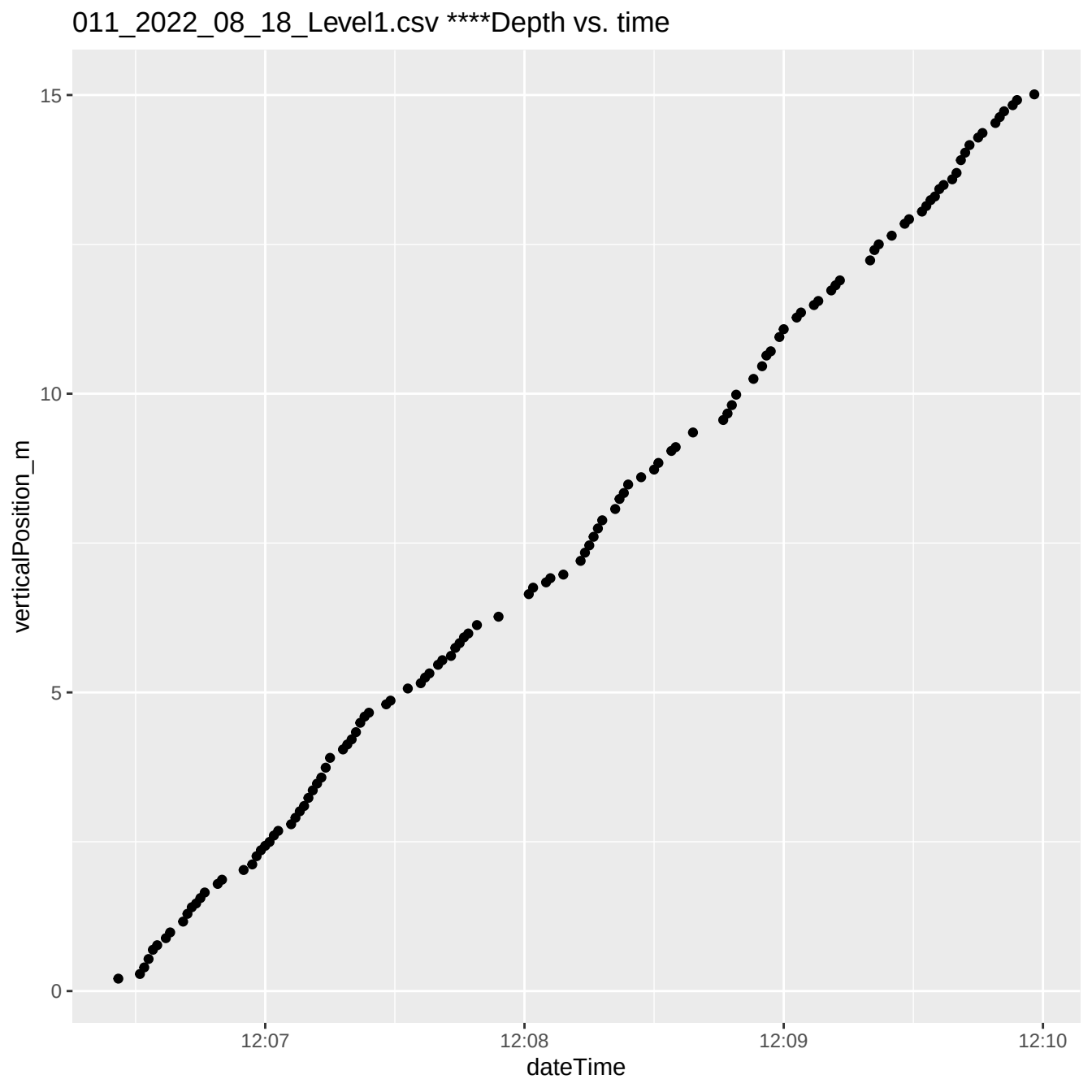

011_2022_07_06_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
−0.1
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

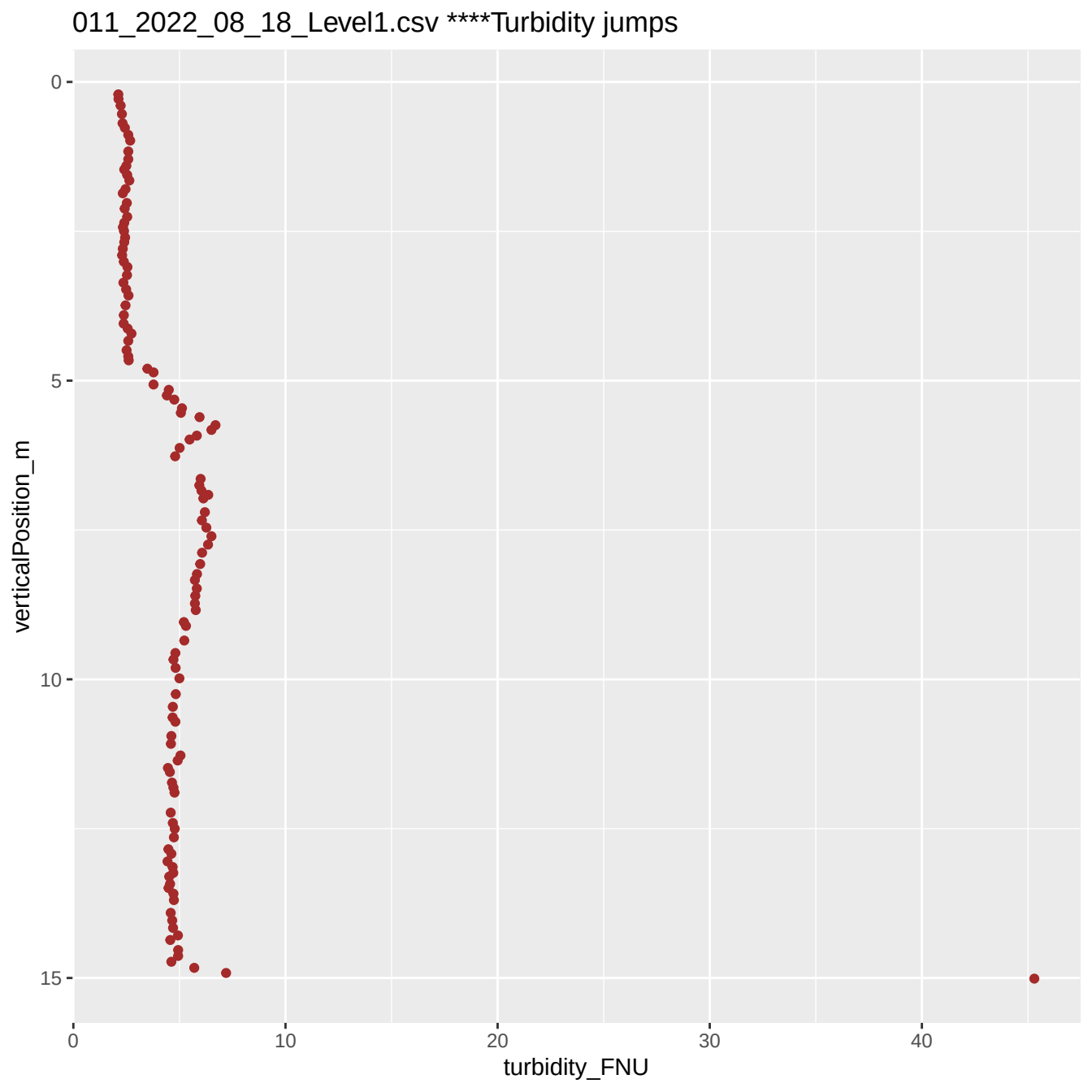

011_2022_07_29_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
11:43:00
11:43:30
11:44:00
11:44:30
11:45:00
dateTime

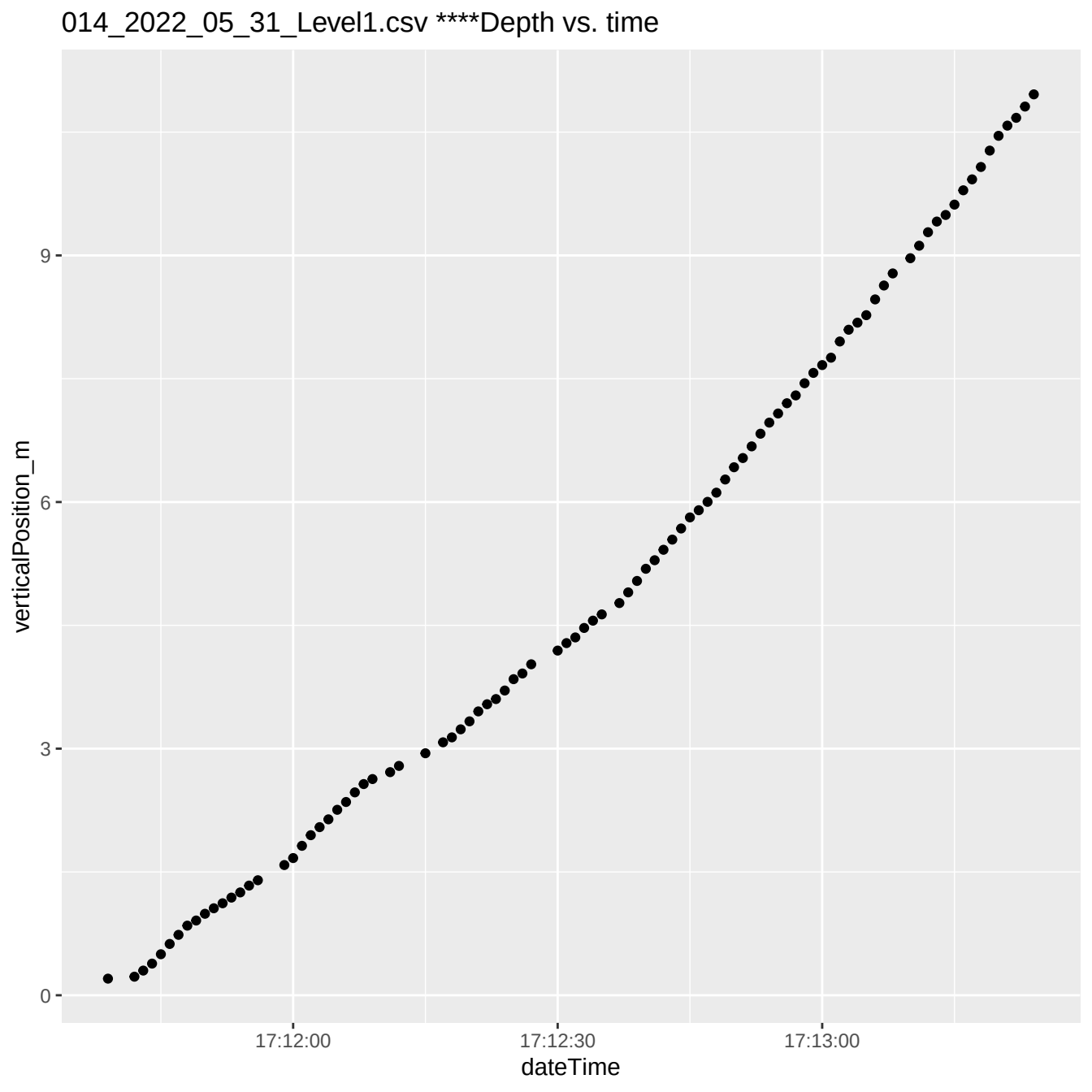

011_2022_07_29_Level1.csv ****Non−monotonic densities
0
5
10
15
verticalPosition_m
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

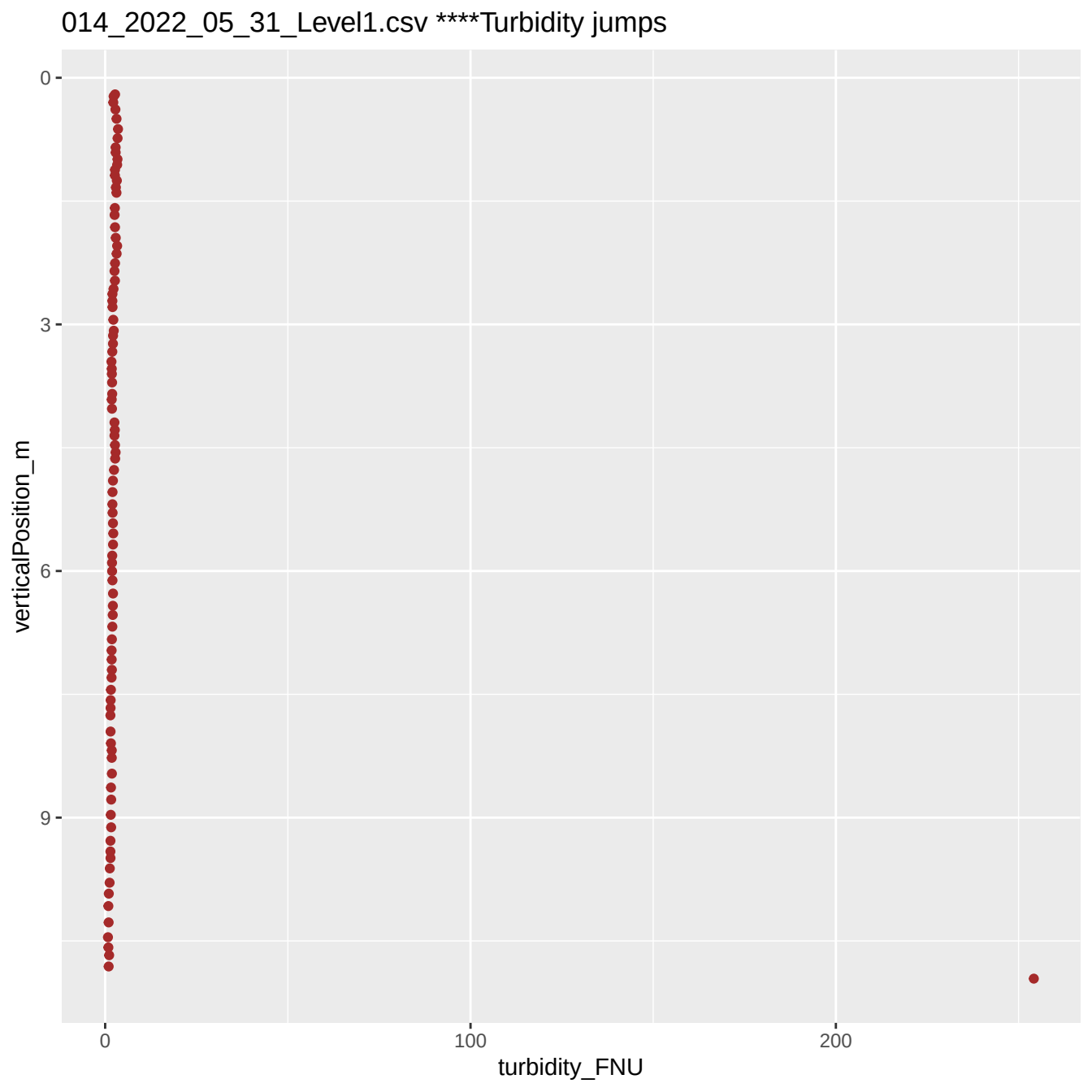

011_2022_07_29_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
temp_degC
flag
FALSE
TRUE

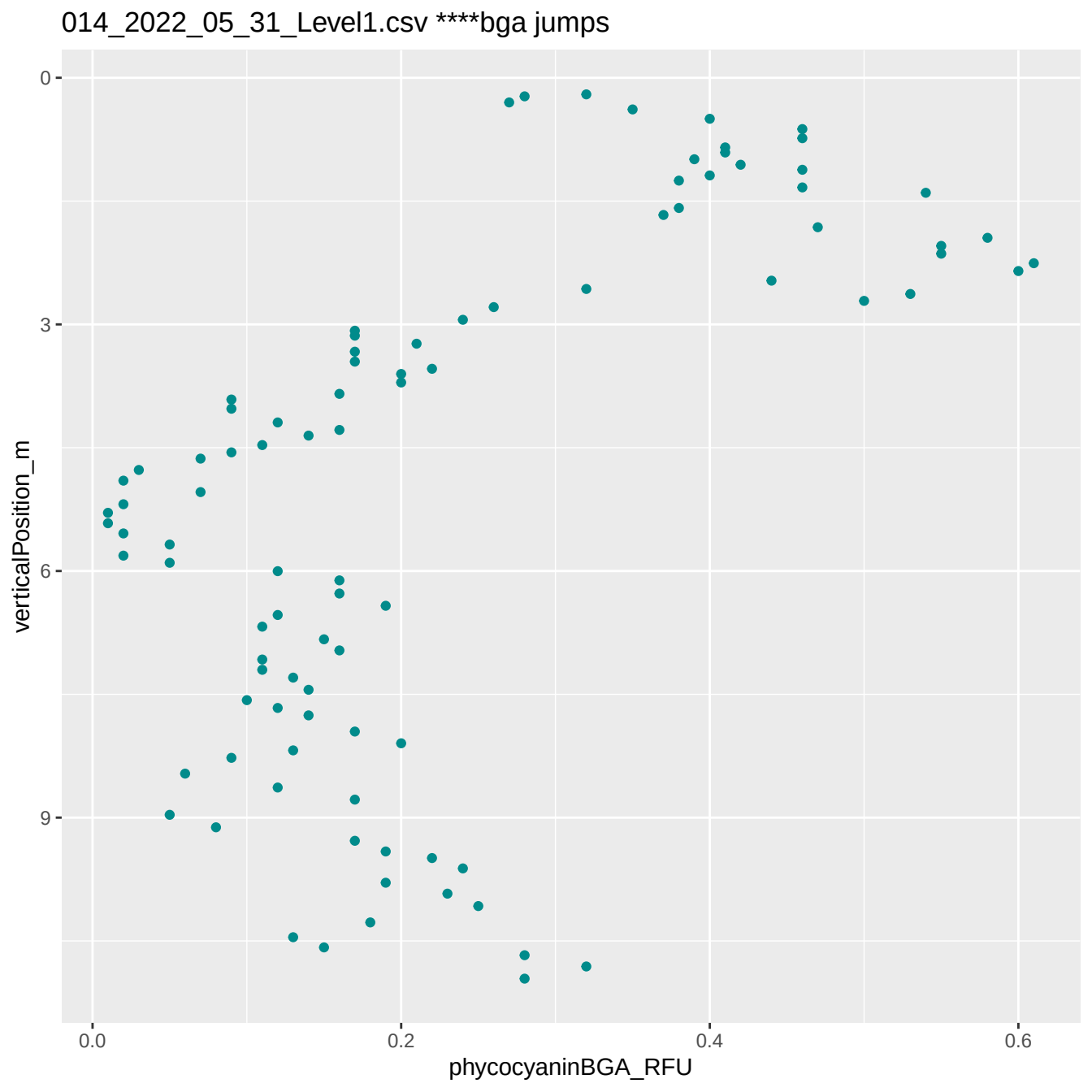

011_2022_07_29_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0
1
2
3
4
phycocyaninBGA_RFU

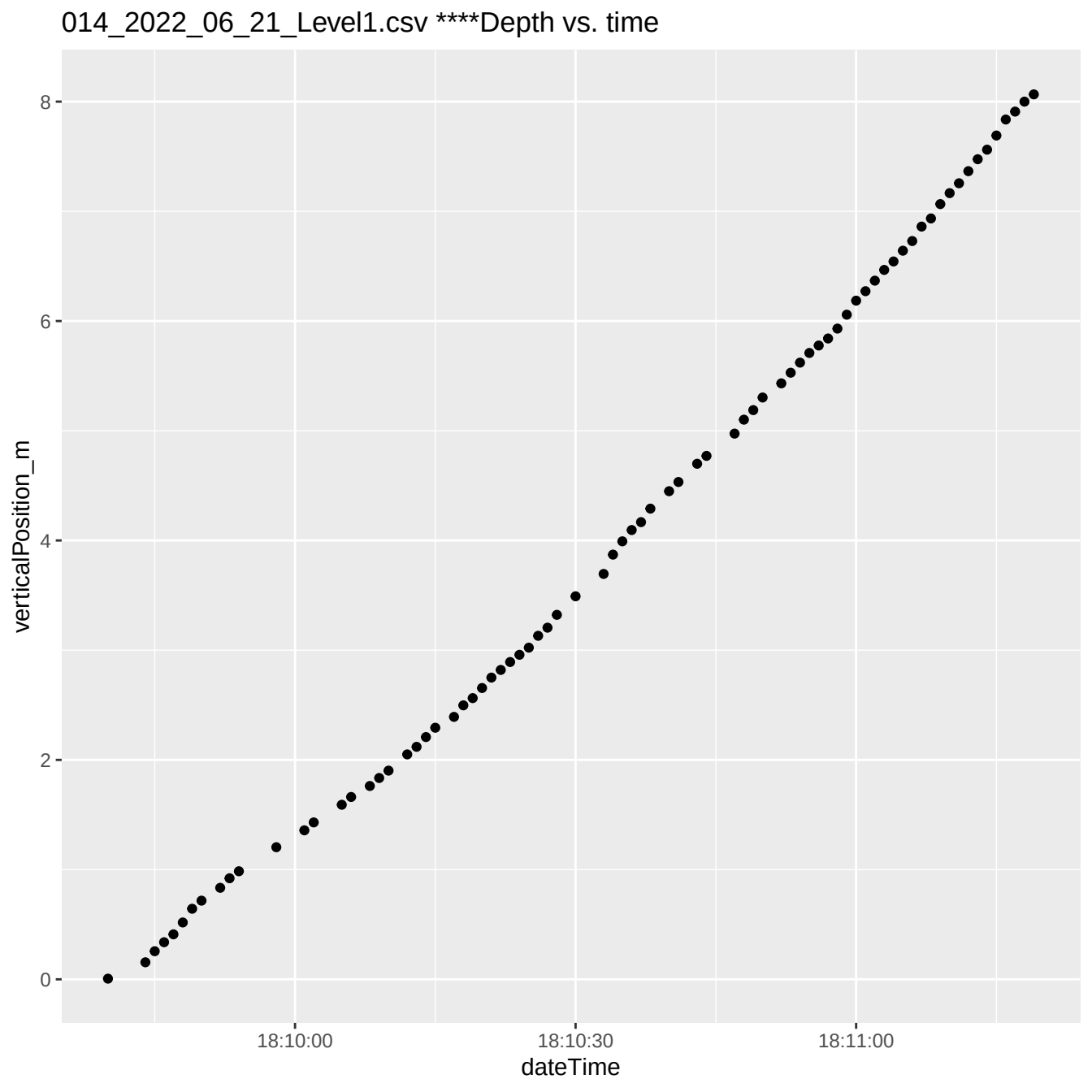

011_2022_08_18_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
12:07
12:08
12:09
12:10
dateTime

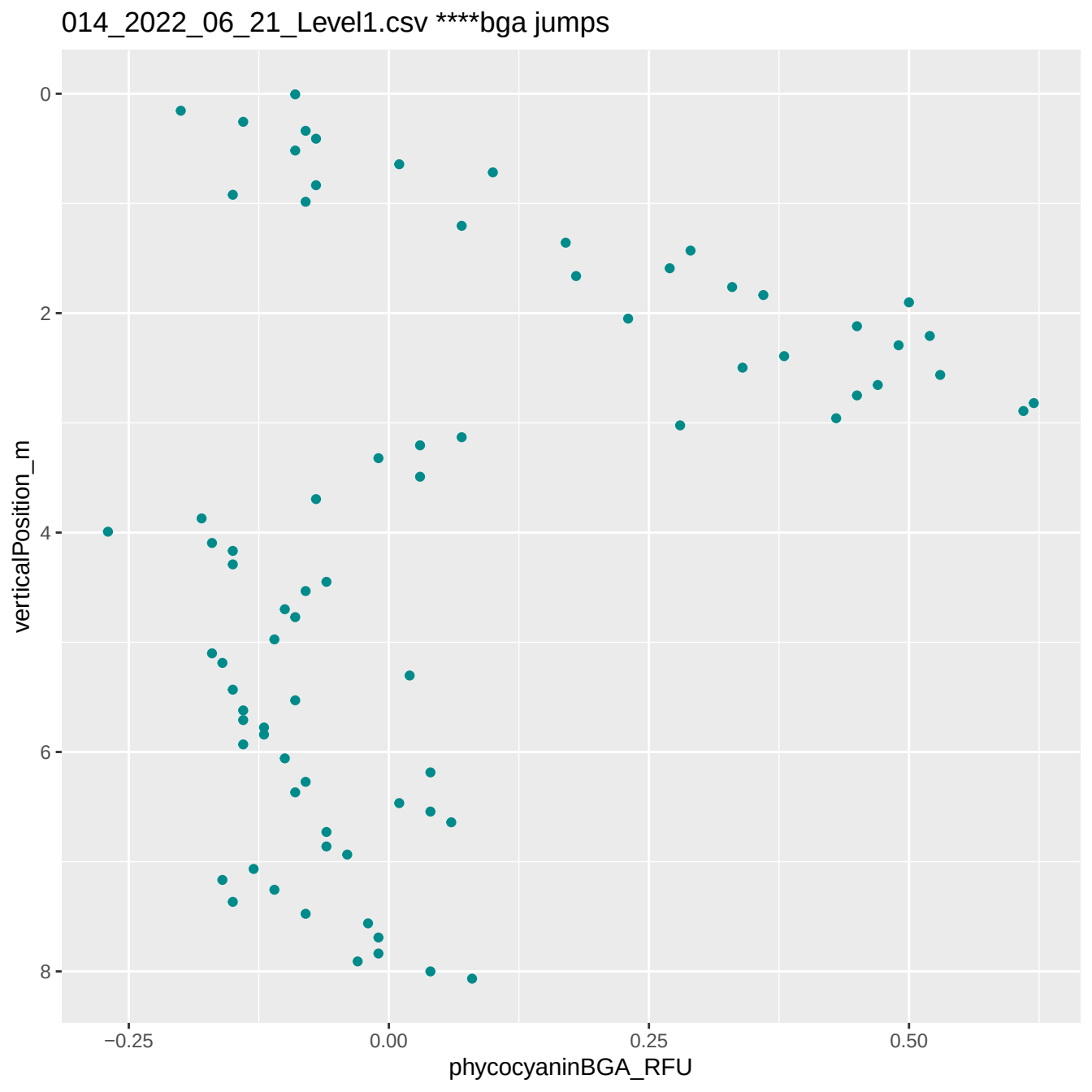

011_2022_08_18_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0
10
20
30
40
turbidity_FNU

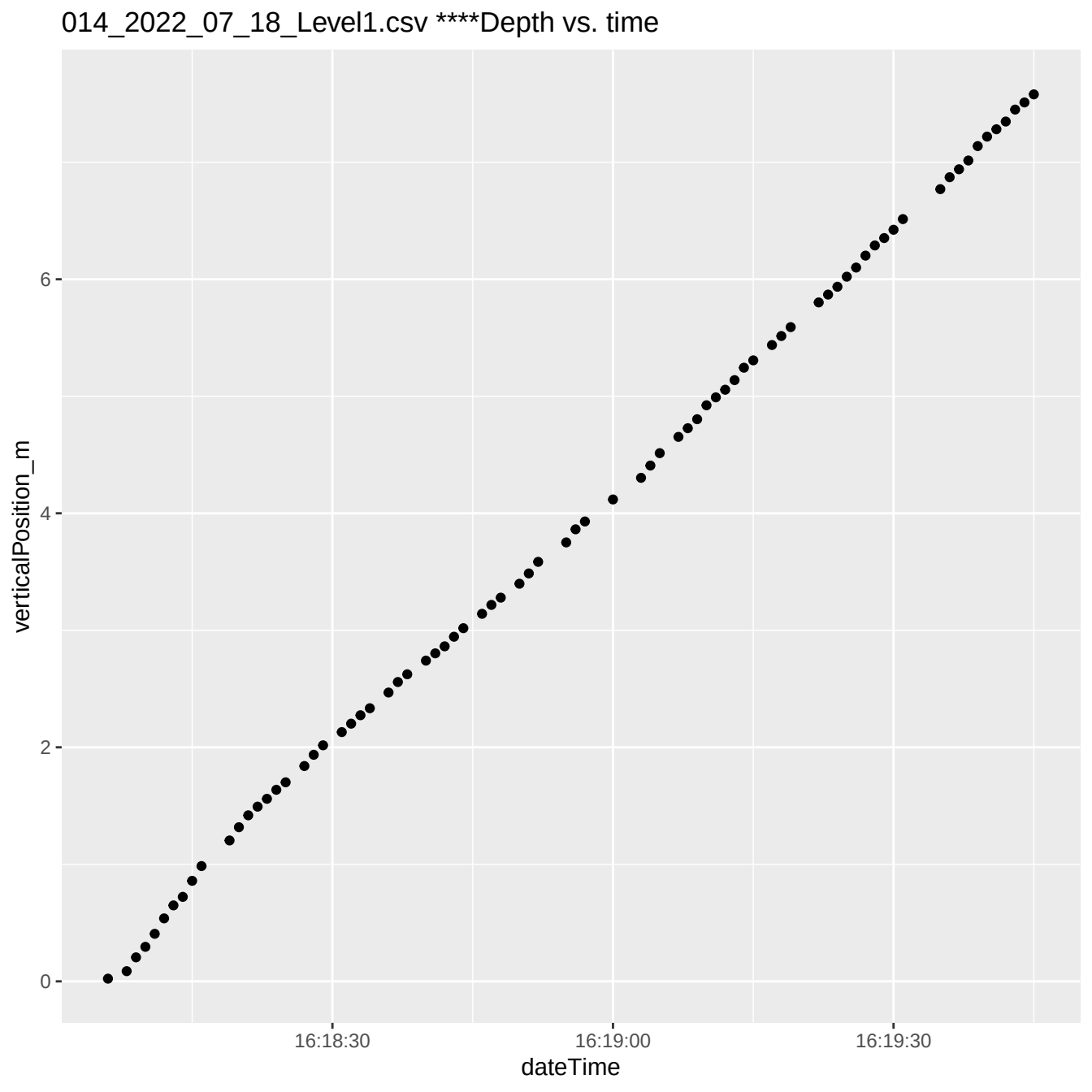

014_2022_05_31_Level1.csv ****Depth vs. time
verticalPosition_m
9
6
3
0
17:12:00
17:12:30
17:13:00
dateTime

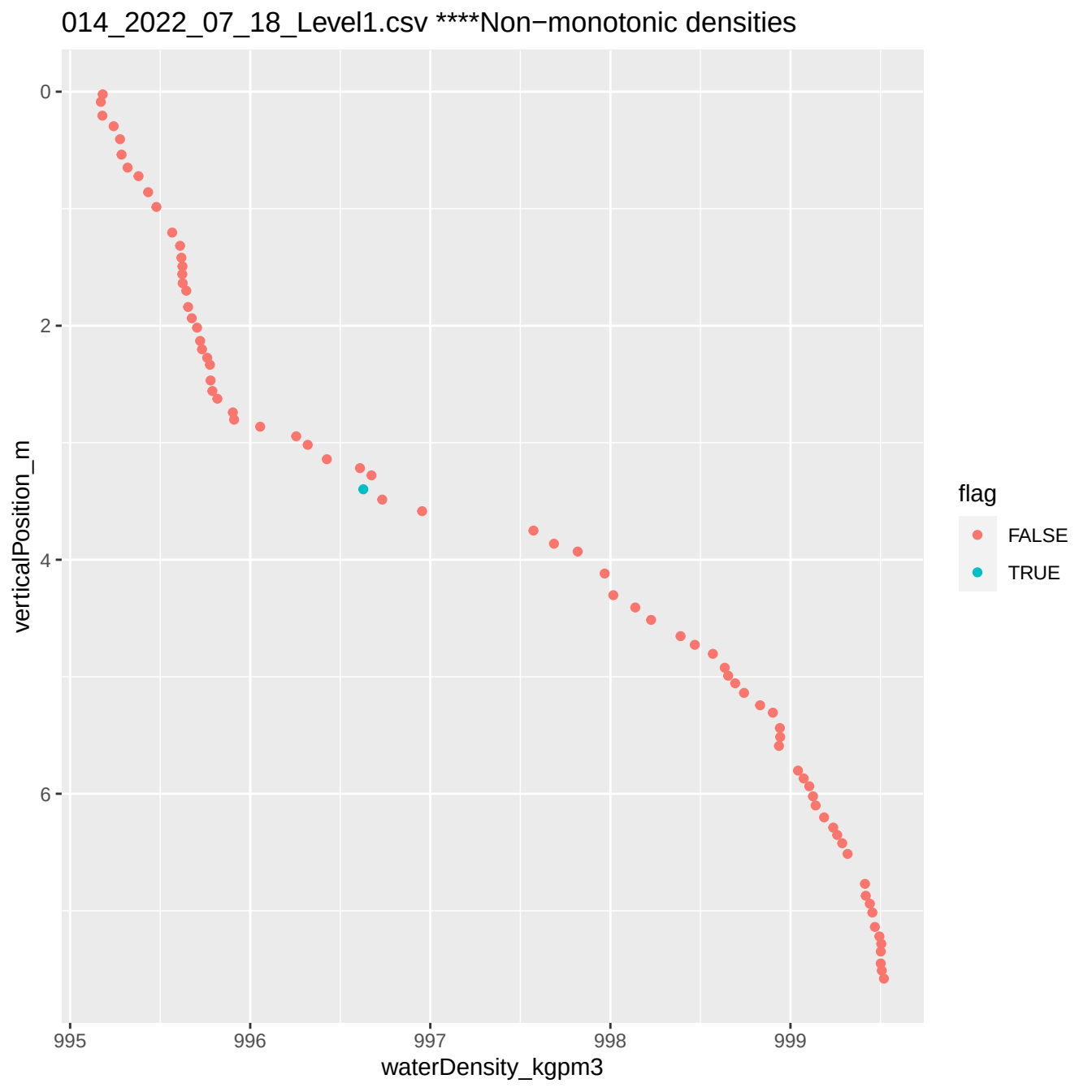

014_2022_05_31_Level1.csv ****Turbidity jumps
0
3
6
9
verticalPosition_m
0
100
200
turbidity_FNU

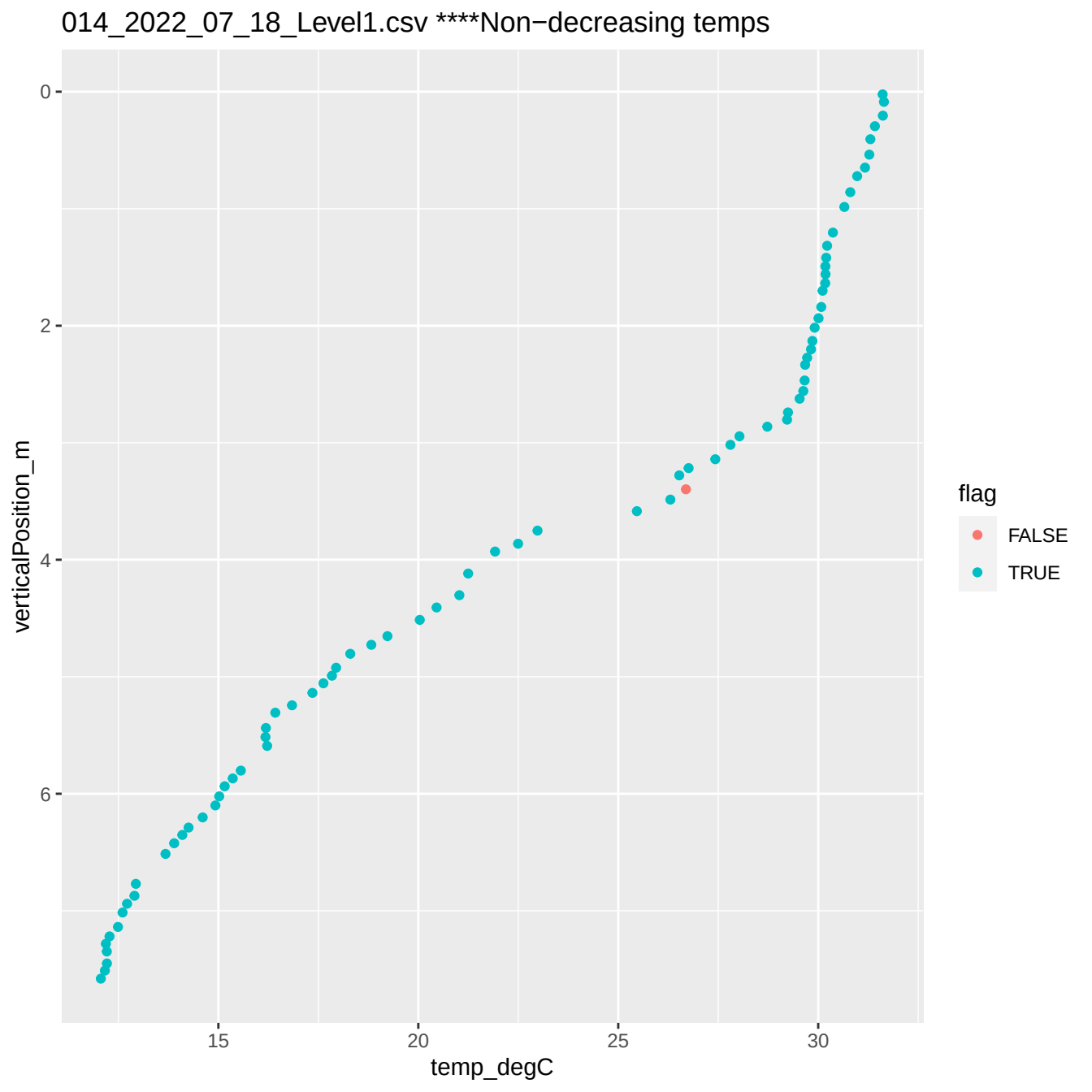

014_2022_05_31_Level1.csv ****bga jumps
0
3
6
9
verticalPosition_m
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

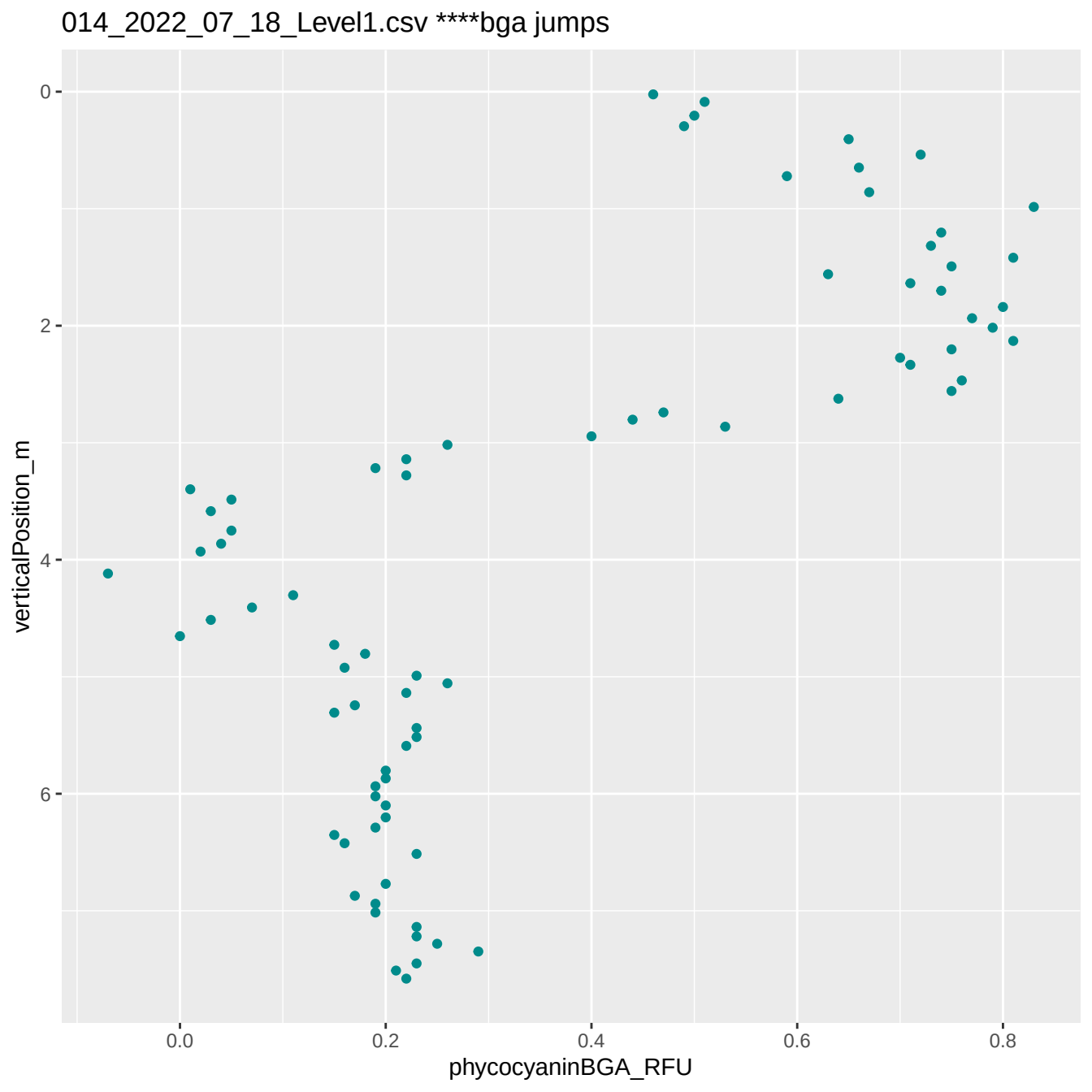

014_2022_06_21_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
18:10:00
18:10:30
18:11:00
dateTime

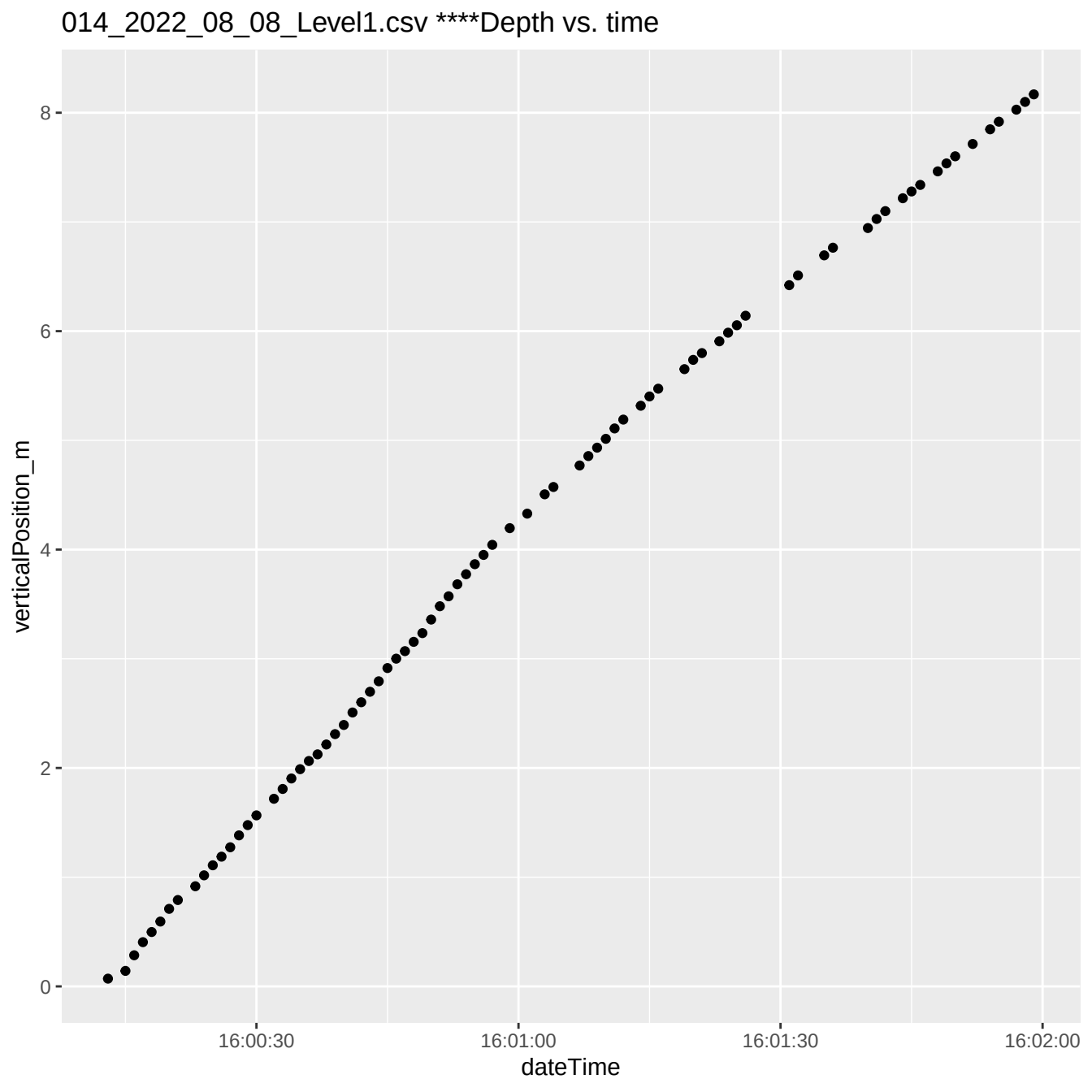

014_2022_06_21_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
−0.25
0.00
0.25
0.50
phycocyaninBGA_RFU

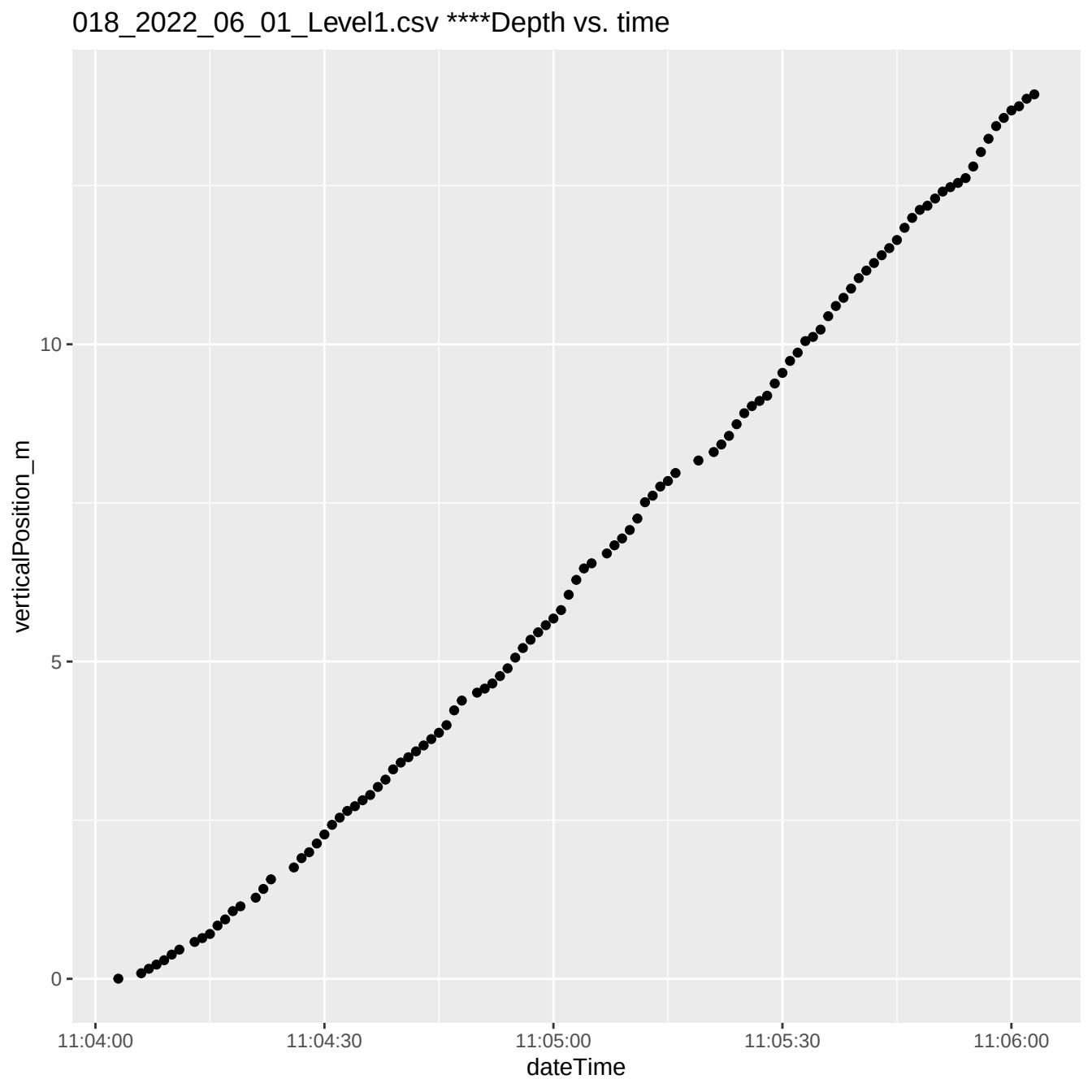

014_2022_07_18_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
16:18:30
16:19:00
16:19:30
dateTime

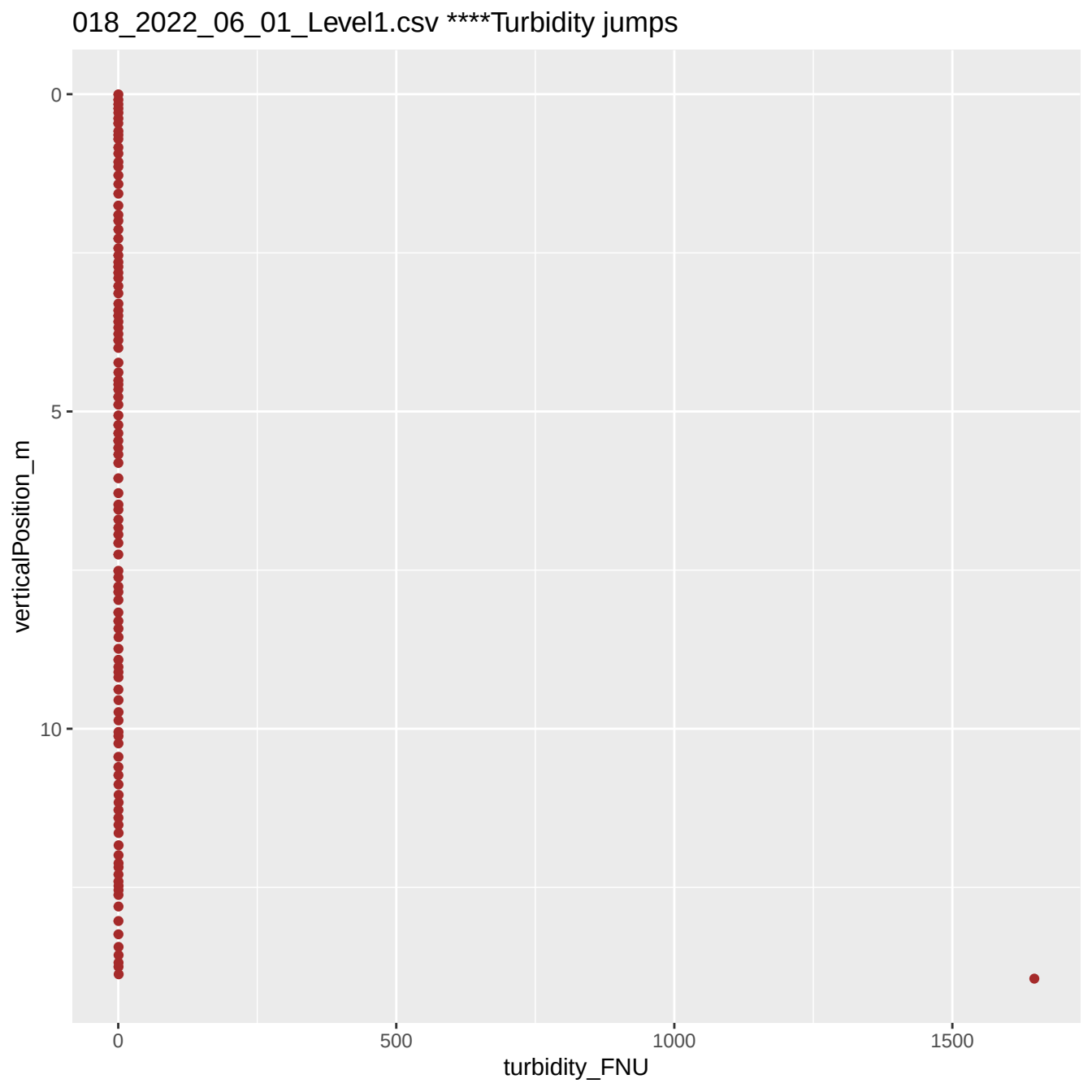

014_2022_07_18_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
waterDensity_kgpm3
995
996
997
998
999
flag
FALSE
TRUE

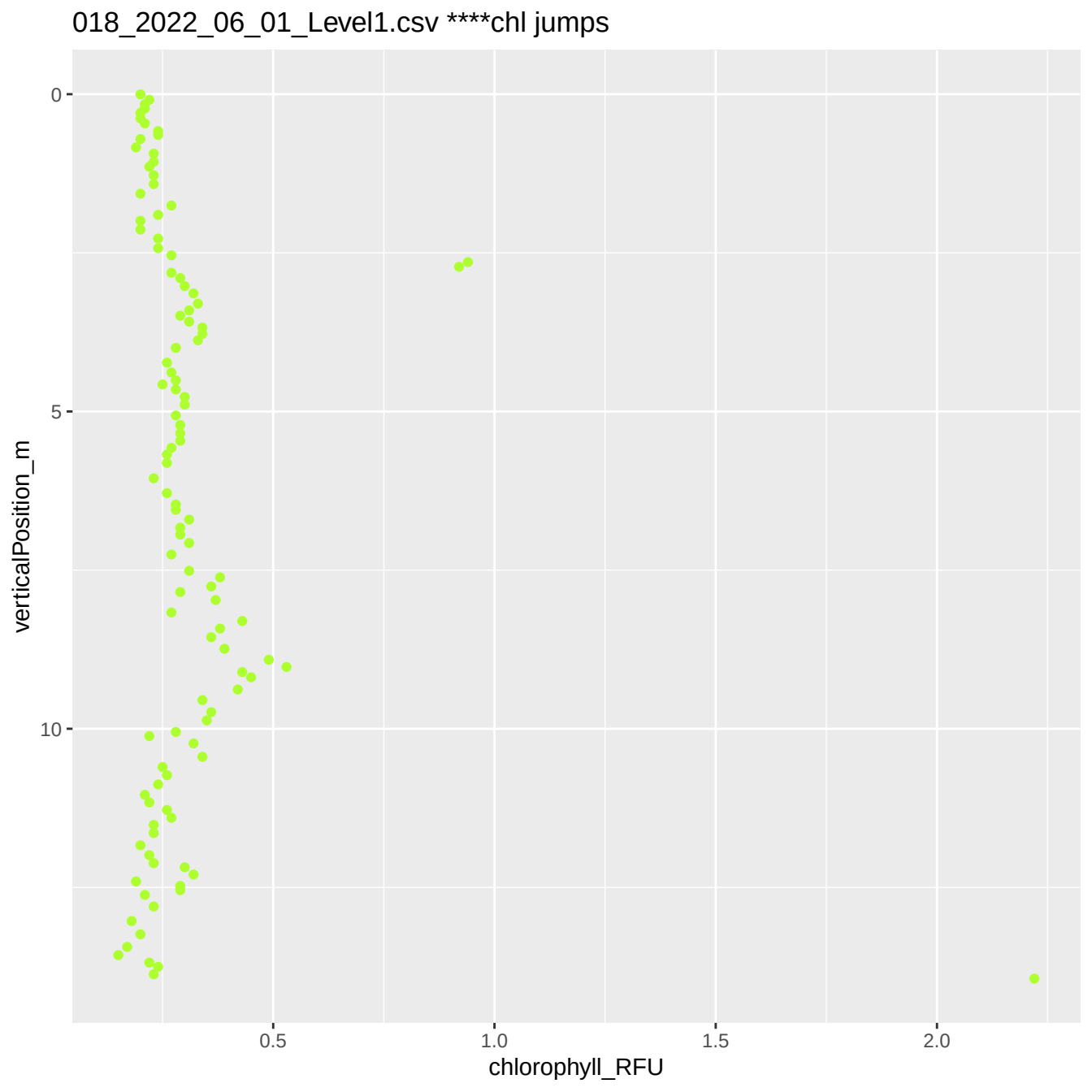

014_2022_07_18_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
15
20
25
30
temp_degC
flag
FALSE
TRUE

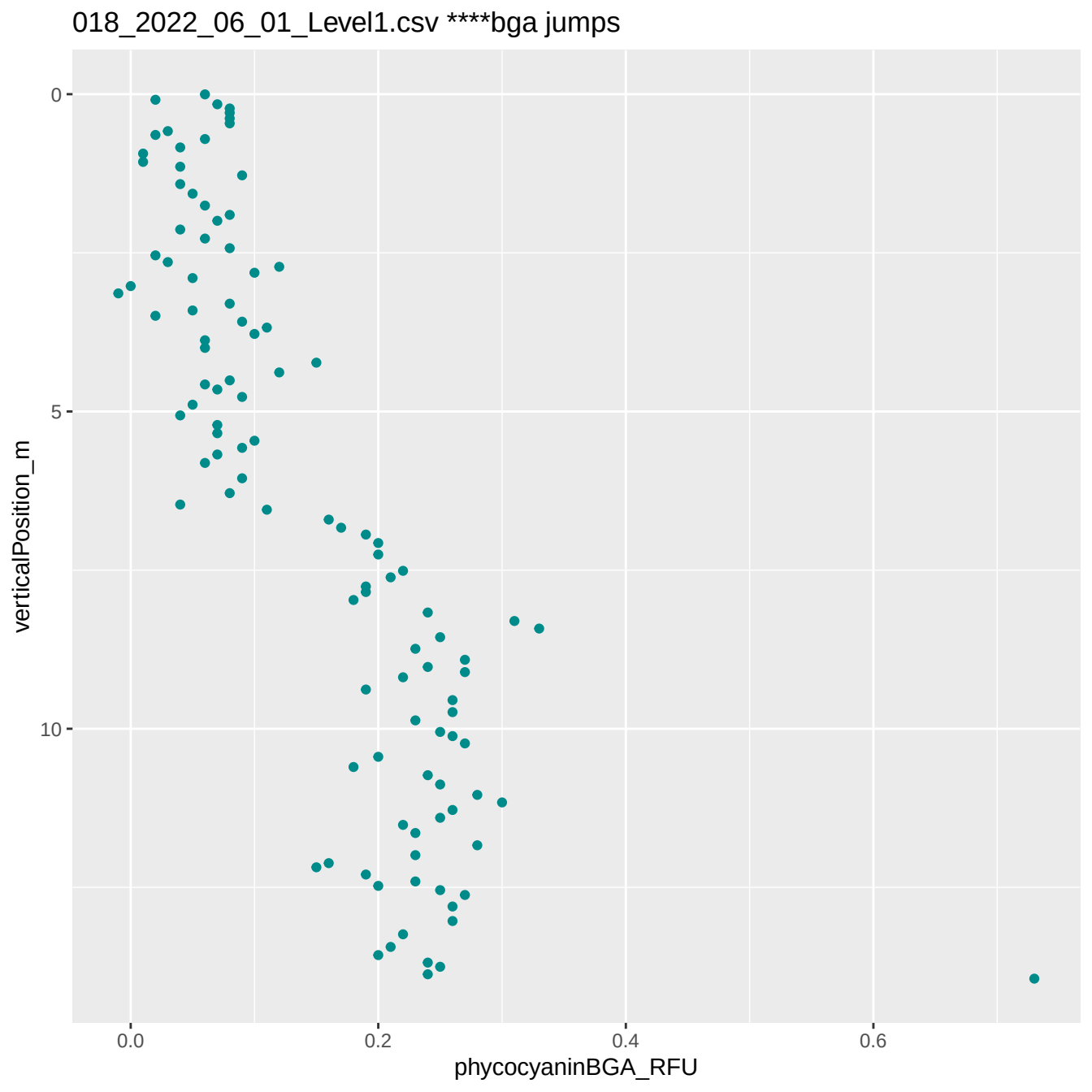

014_2022_07_18_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0.0
0.2
0.4
0.6
0.8
phycocyaninBGA_RFU

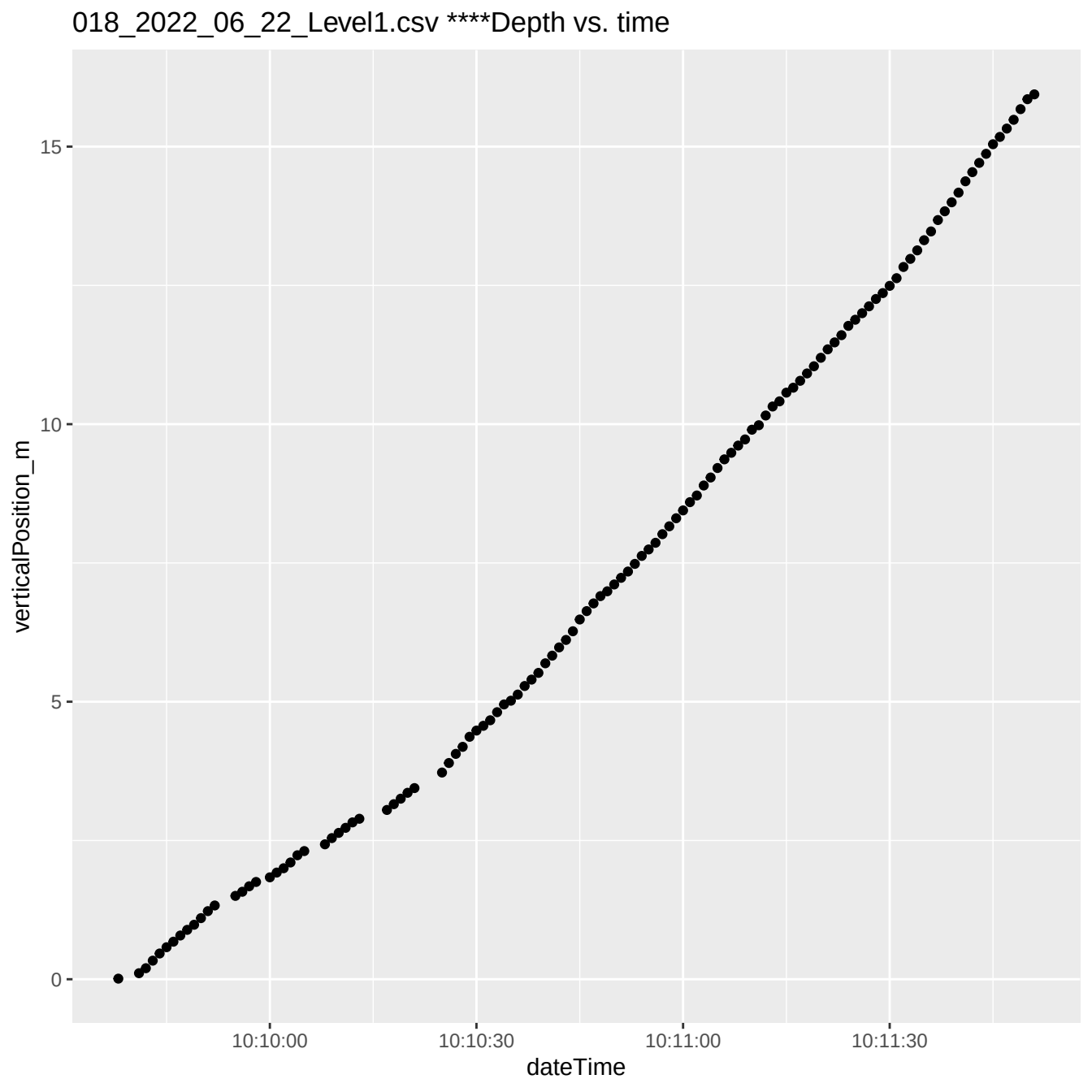

014_2022_08_08_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
16:00:30
16:01:00
16:01:30
16:02:00
dateTime

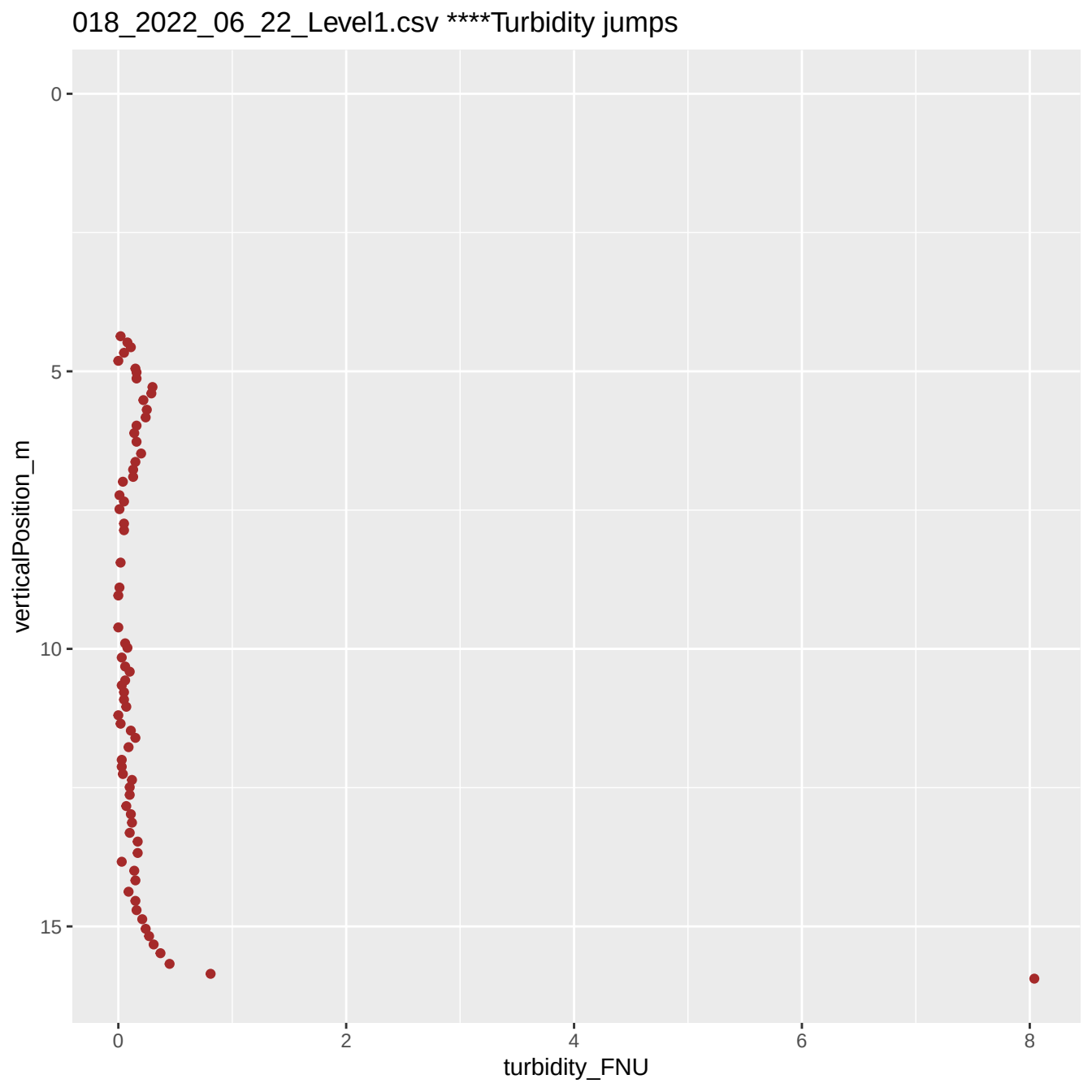

018_2022_06_01_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
11:04:00
11:04:30
11:05:00
11:05:30
11:06:00
dateTime

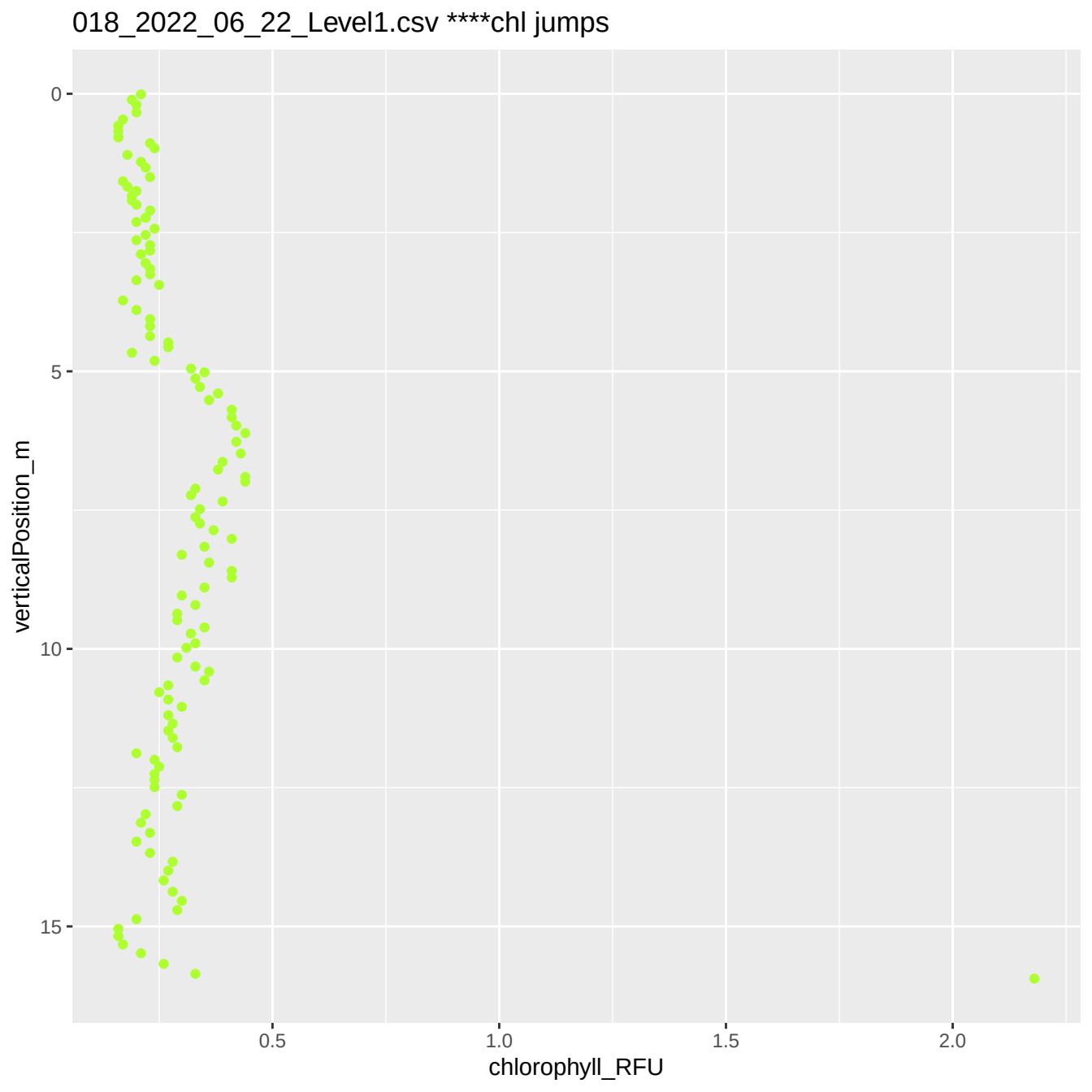

018_2022_06_01_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
0
500
1000
1500
turbidity_FNU

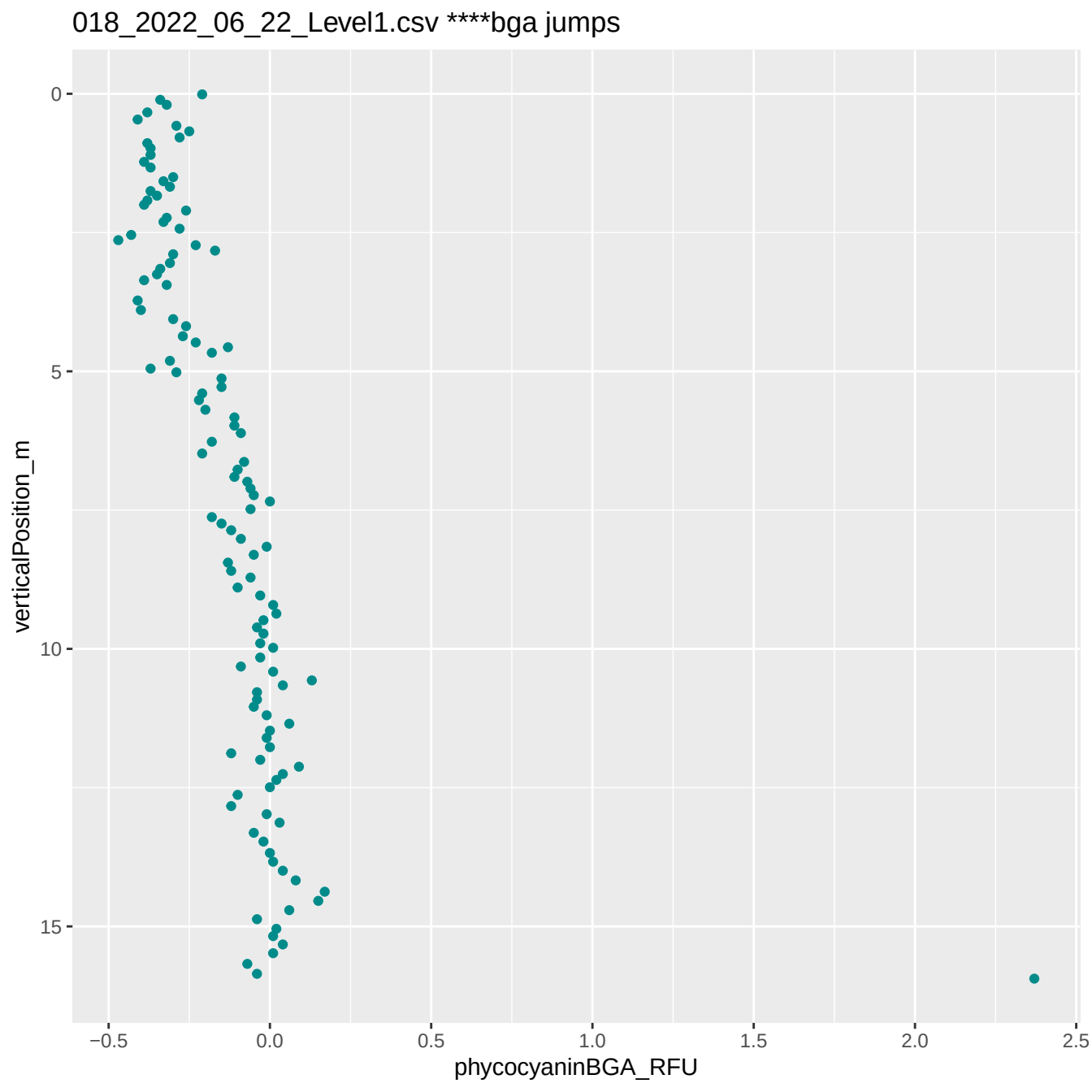

018_2022_06_01_Level1.csv ****chl jumps
0
5
10
verticalPosition_m
0.5
1.0
1.5
2.0
chlorophyll_RFU

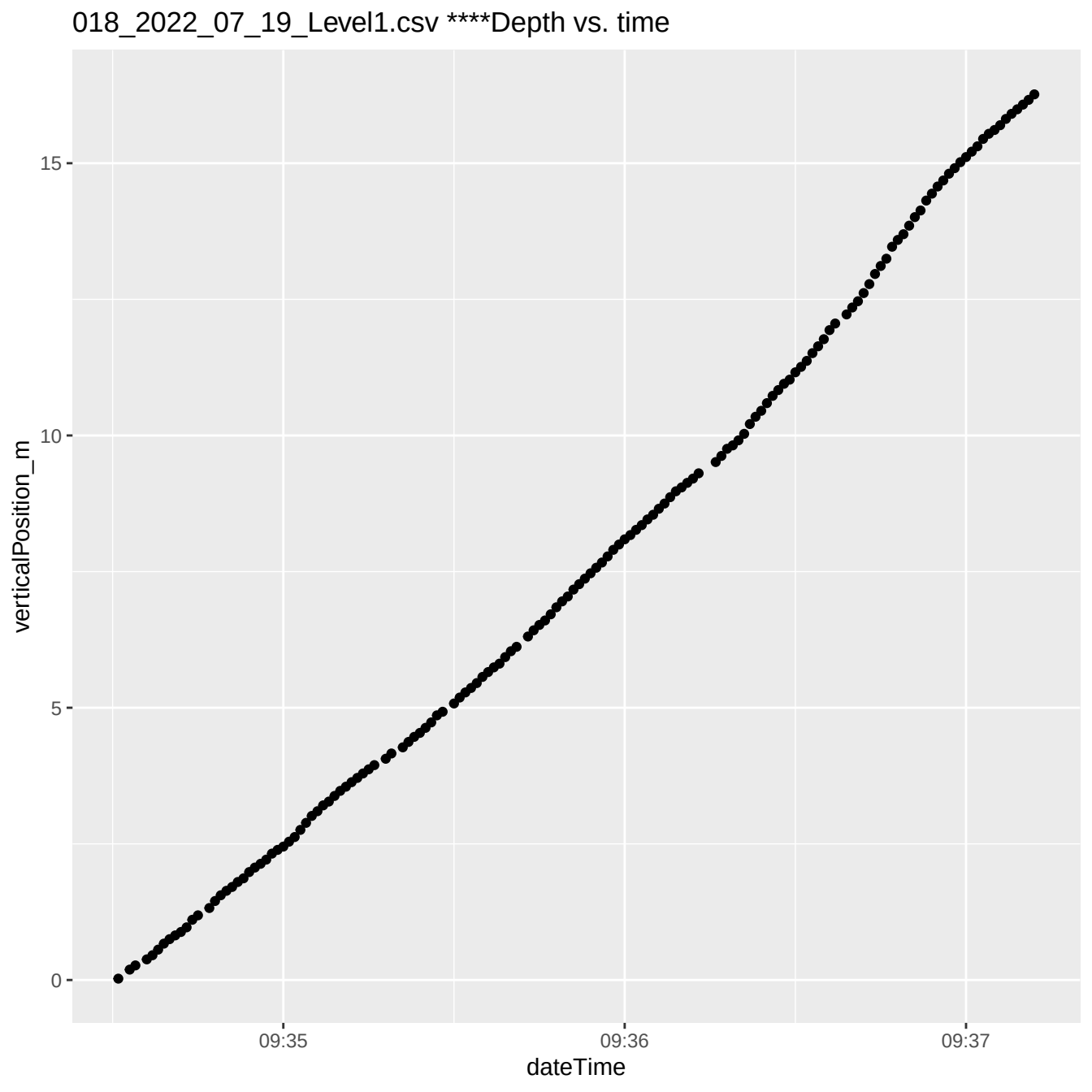

018_2022_06_01_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

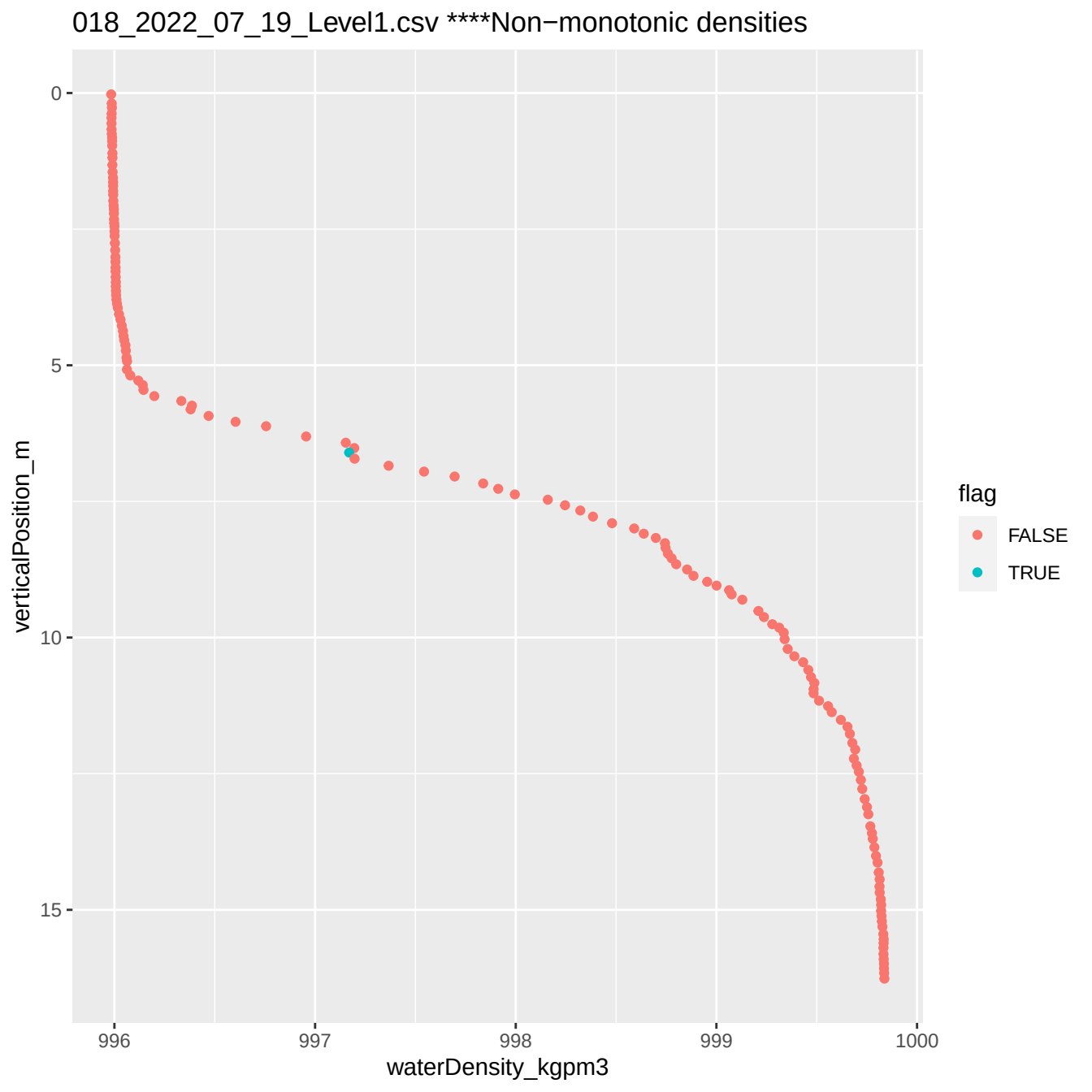

018_2022_06_22_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
10:10:00
10:10:30
10:11:00
10:11:30
dateTime

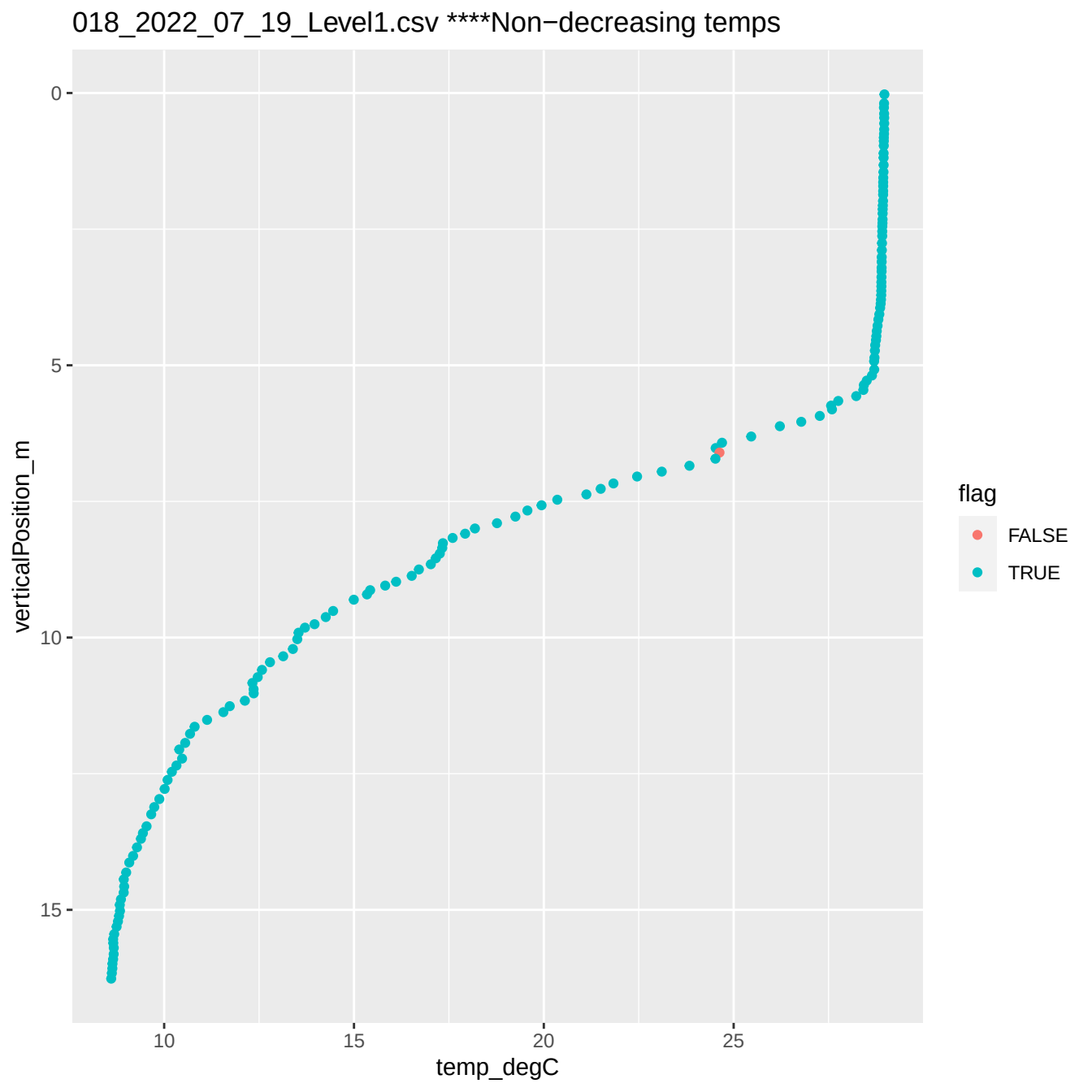

018_2022_06_22_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
turbidity_FNU
0
2
4
6
8

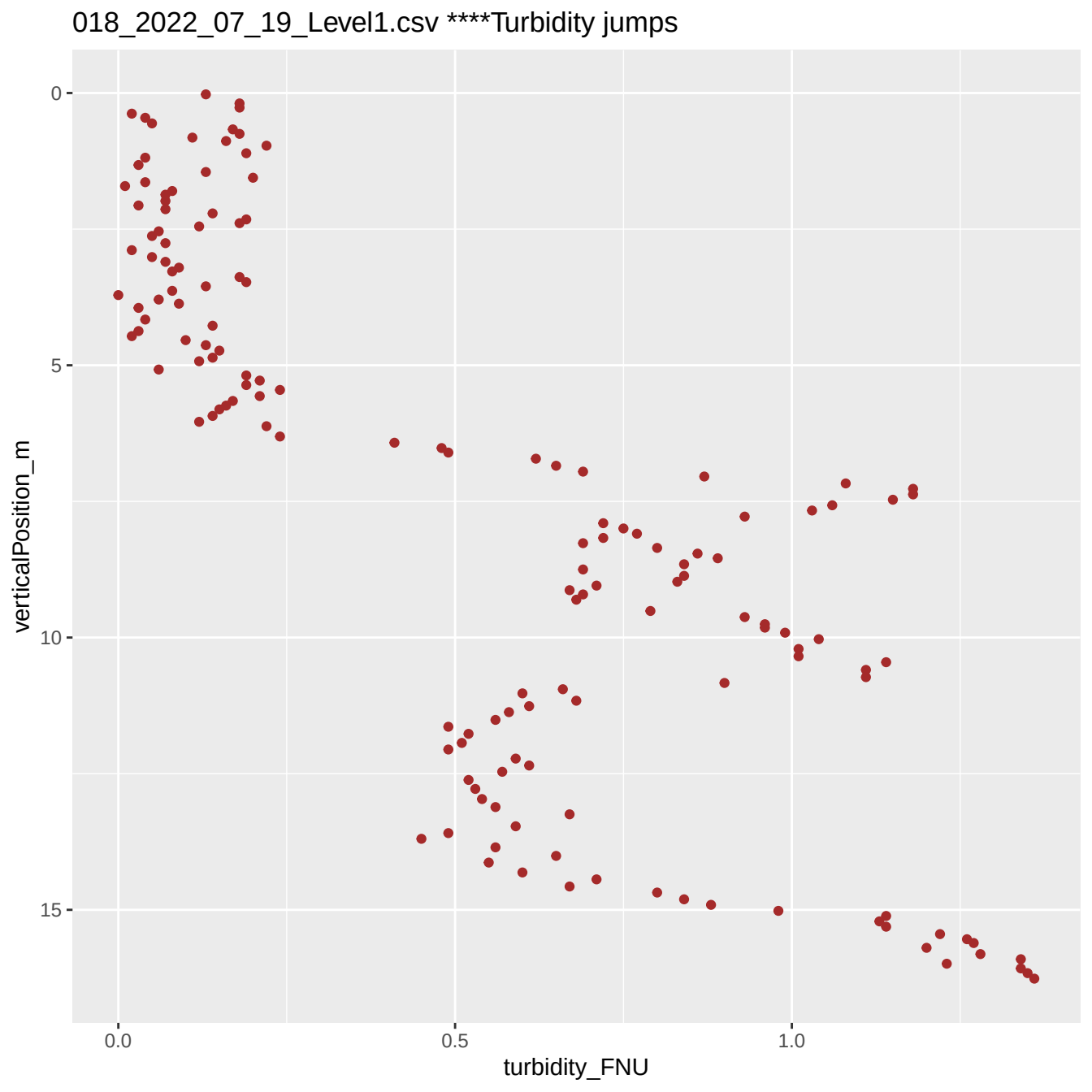

018_2022_06_22_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.5
1.0
1.5
2.0
chlorophyll_RFU

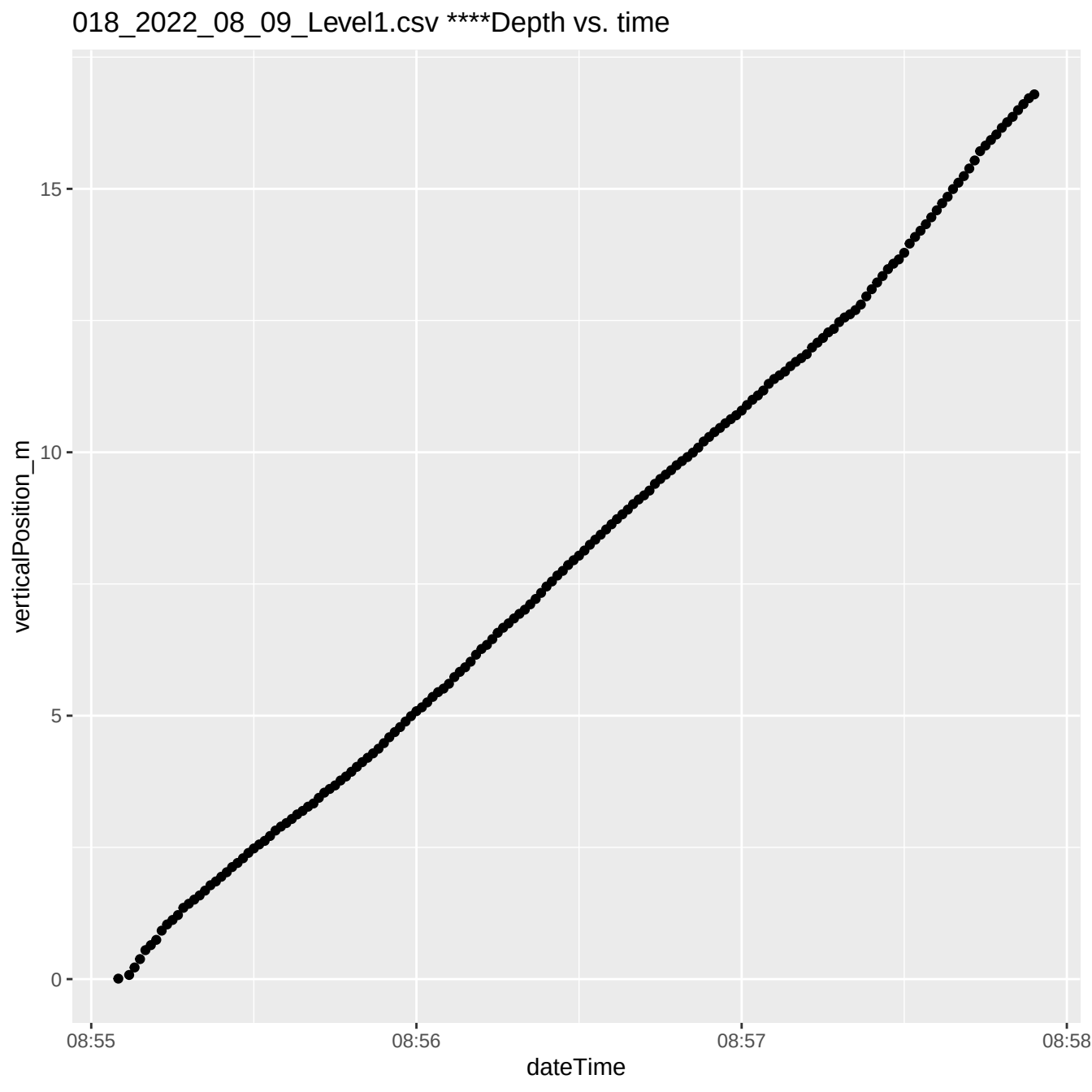

018_2022_06_22_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
phycocyaninBGA_RFU

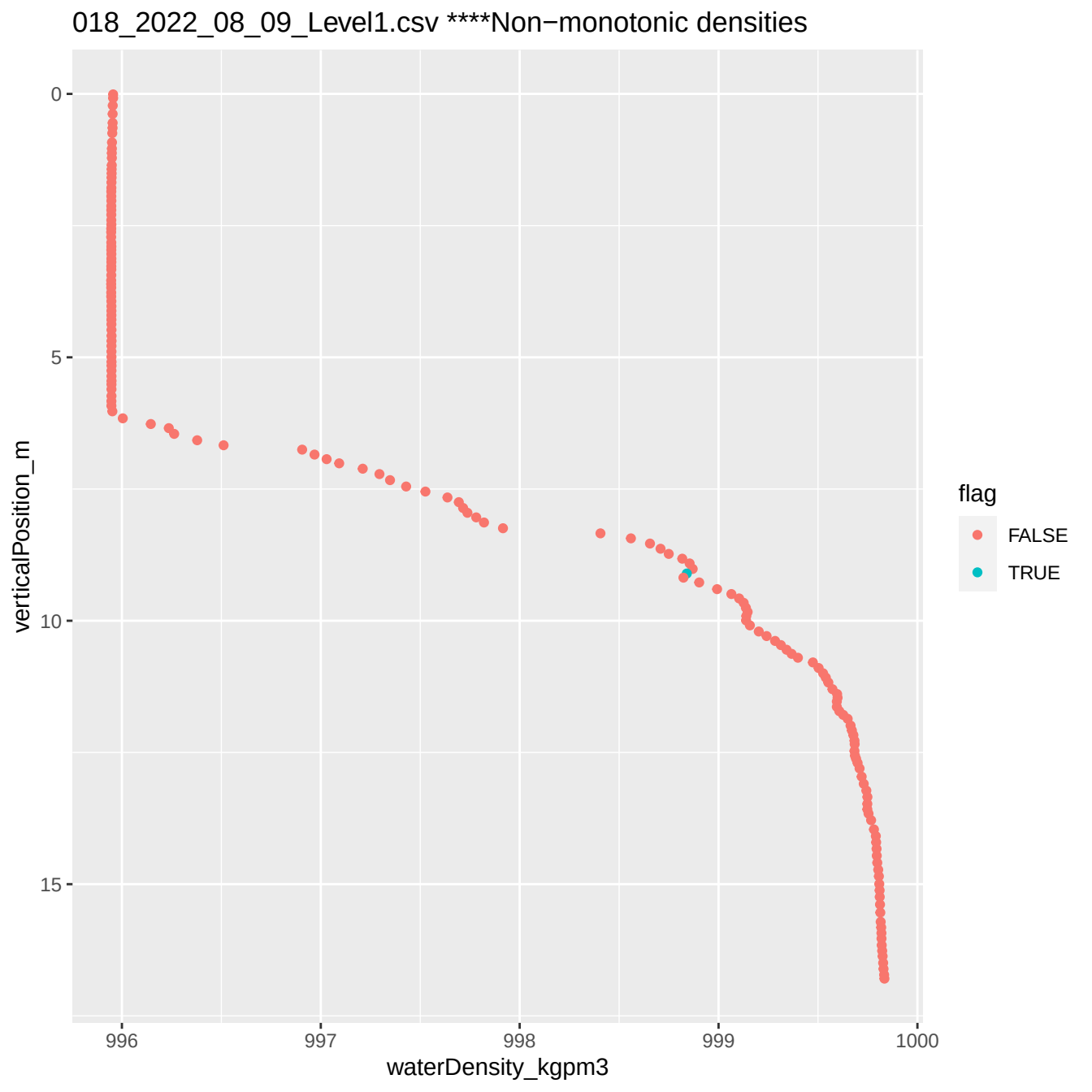

018_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
09:35
09:36
09:37
dateTime

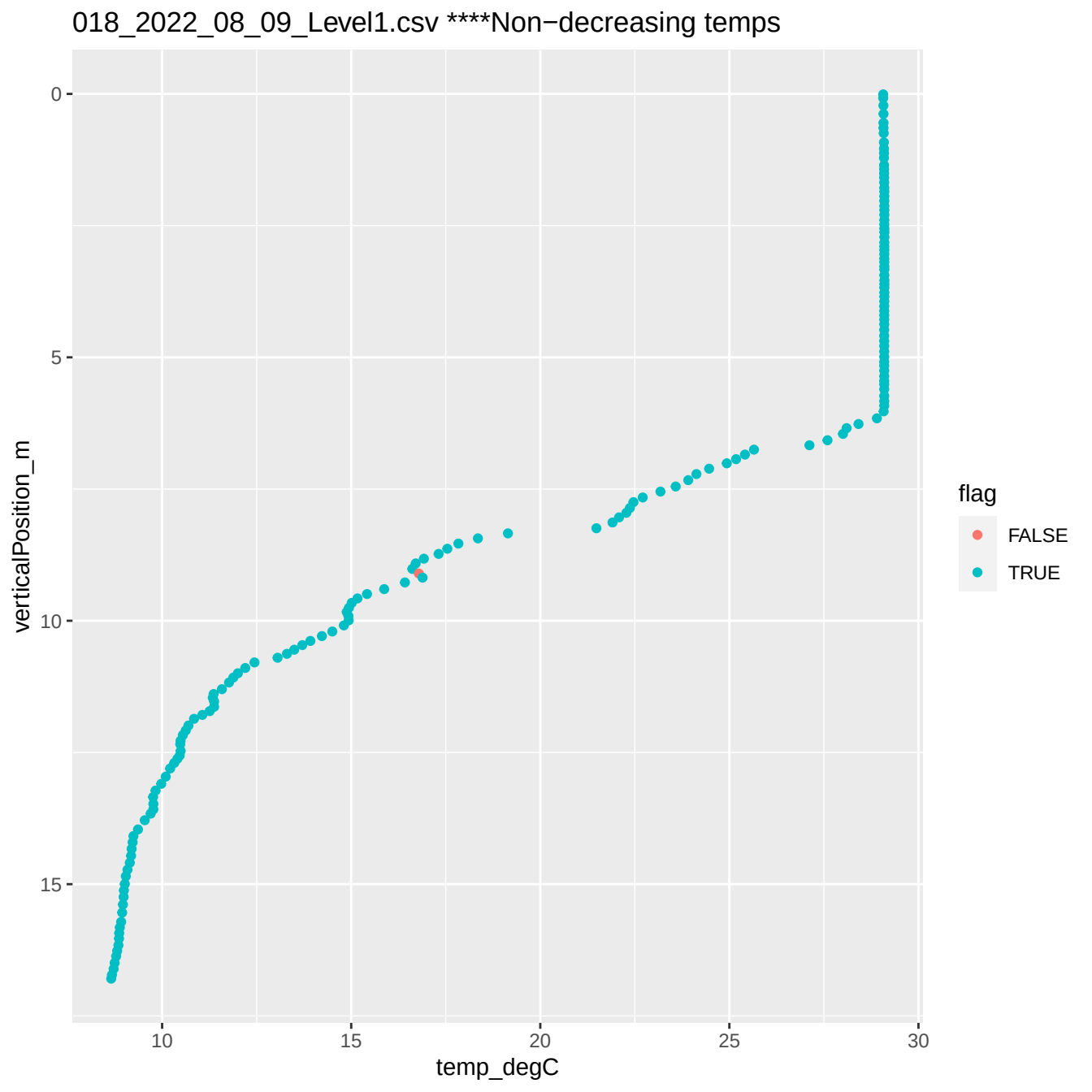

018_2022_07_19_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
5
10
15
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

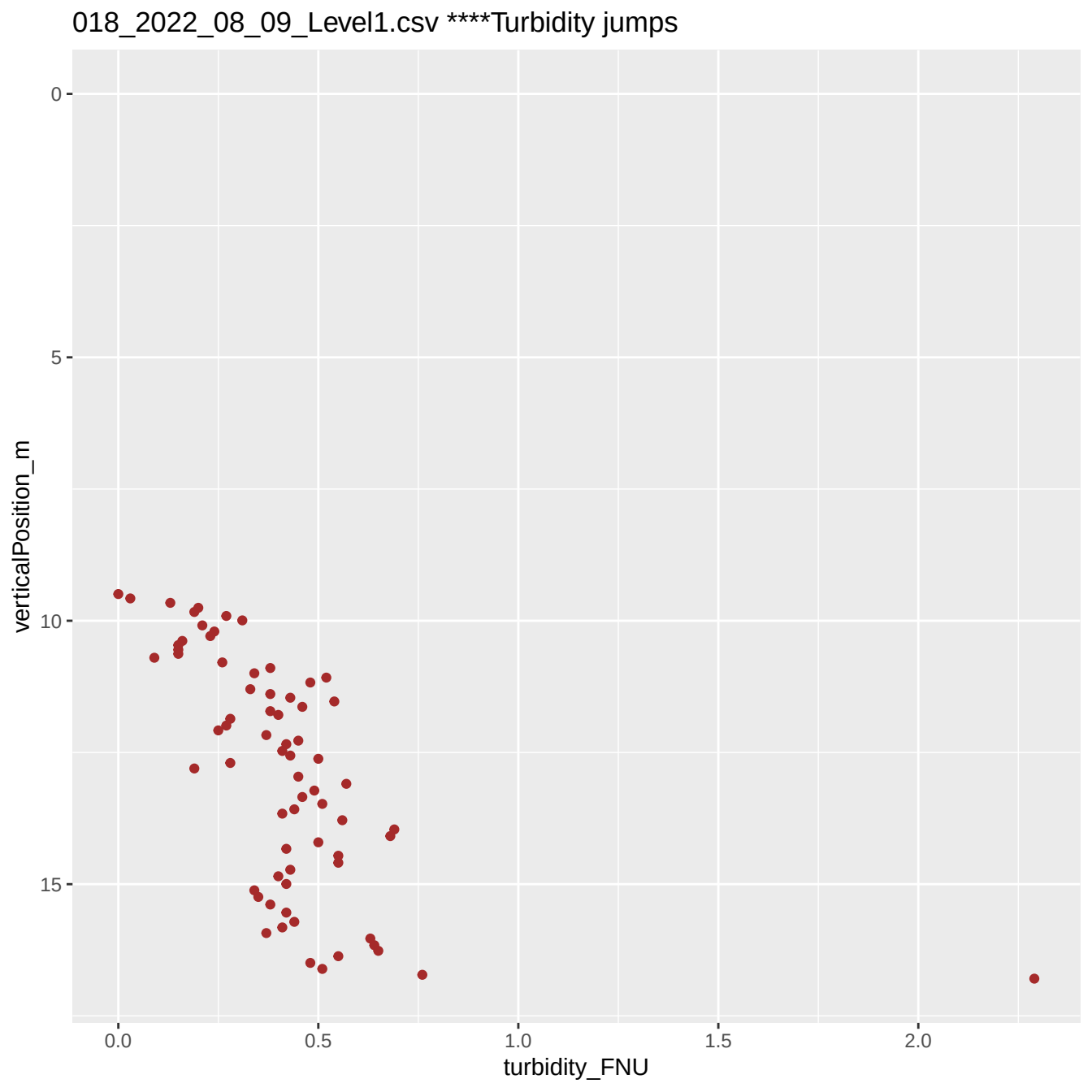

018_2022_07_19_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
temp_degC
flag
FALSE
TRUE

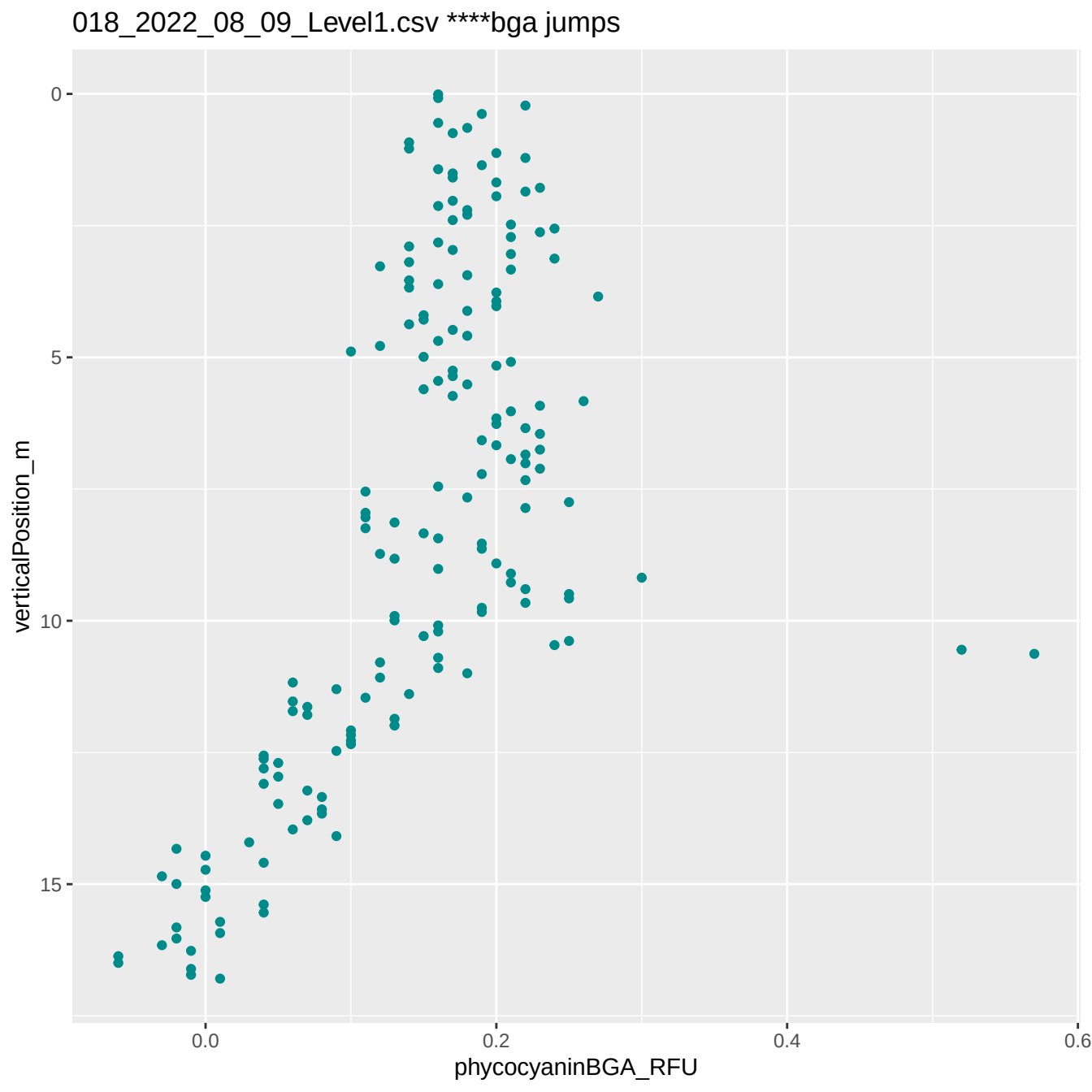

018_2022_07_19_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
turbidity_FNU

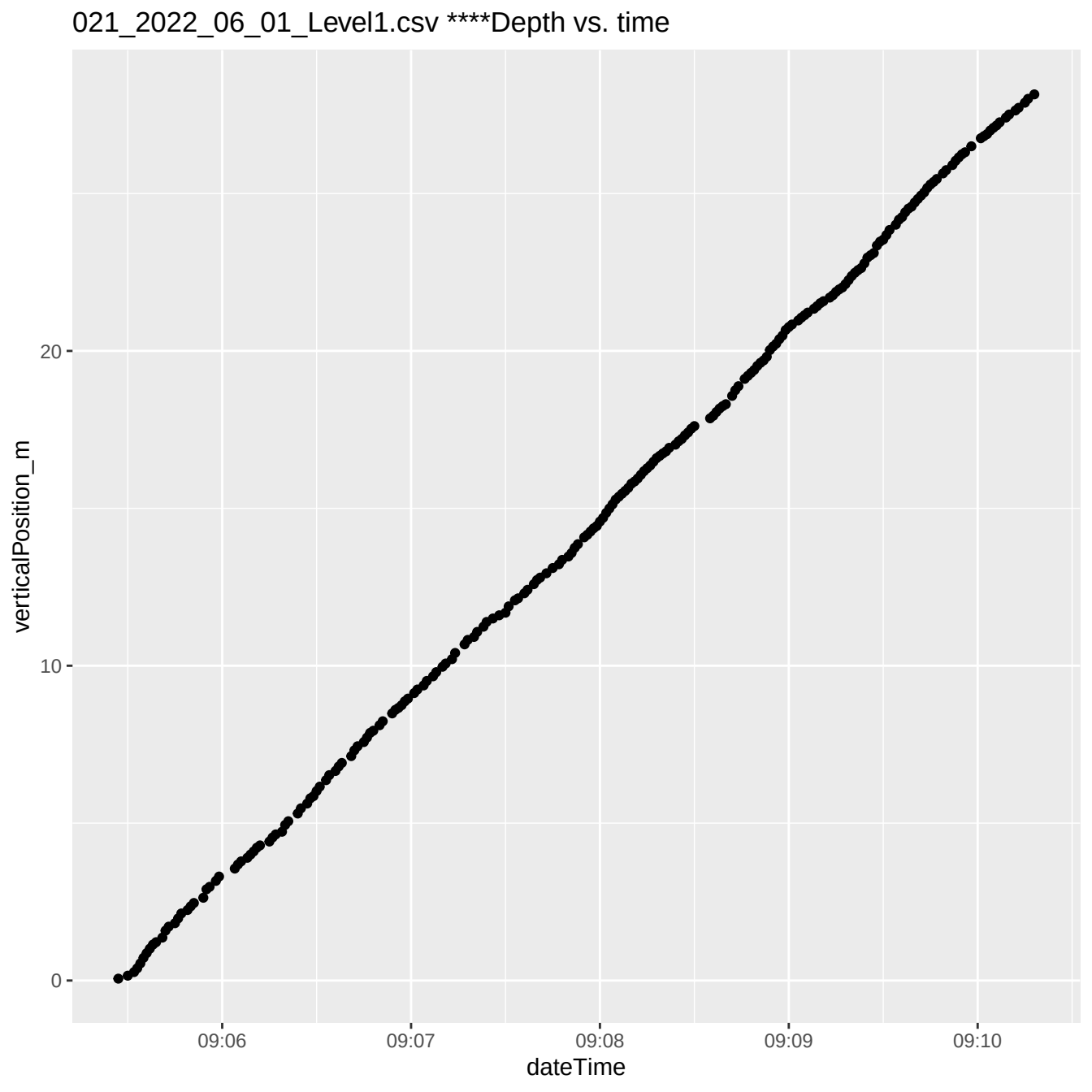

018_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
08:55
08:56
08:57
08:58
dateTime

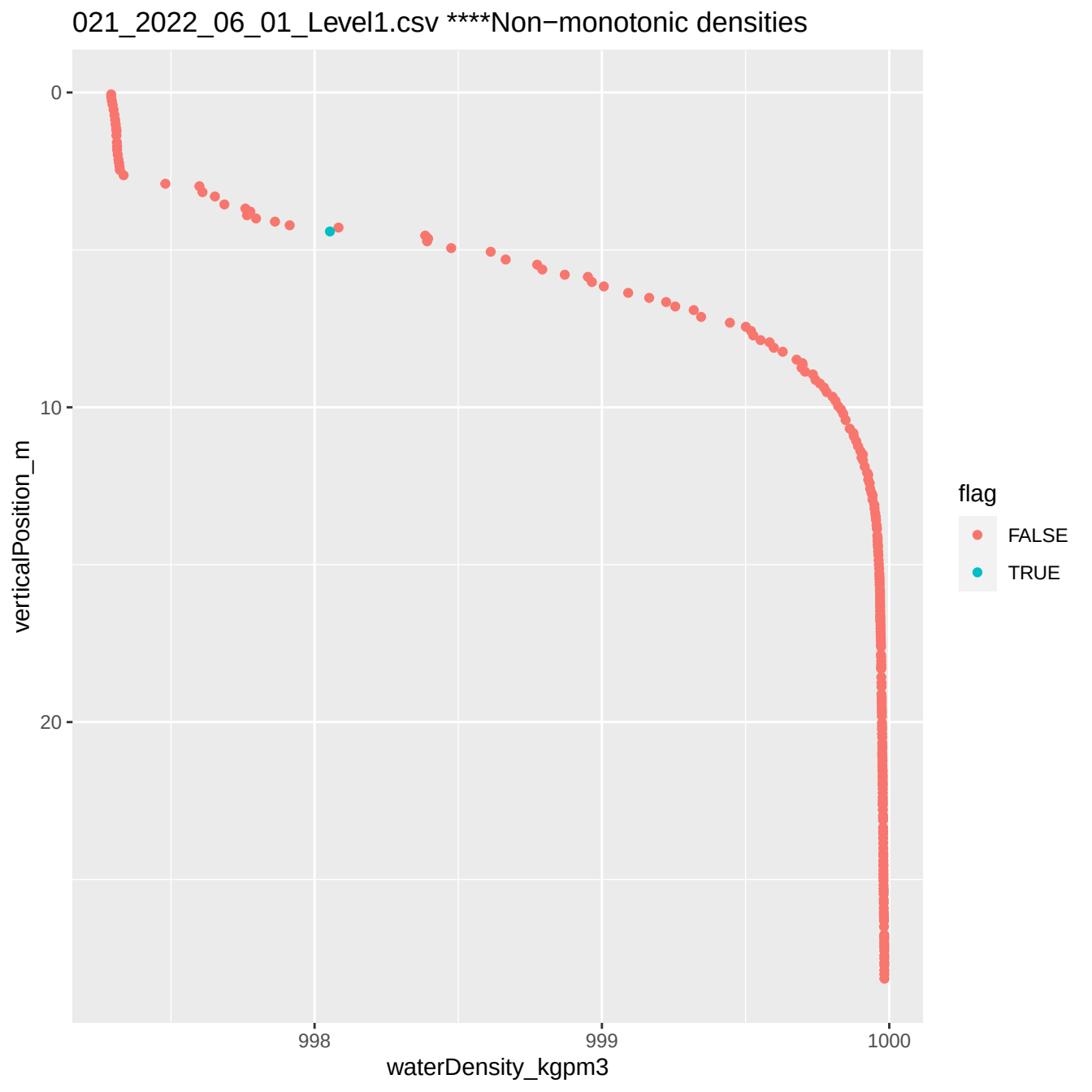

018_2022_08_09_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
5
10
15
waterDensity_kgpm3
996
997
998
999
1000
flag
FALSE
TRUE

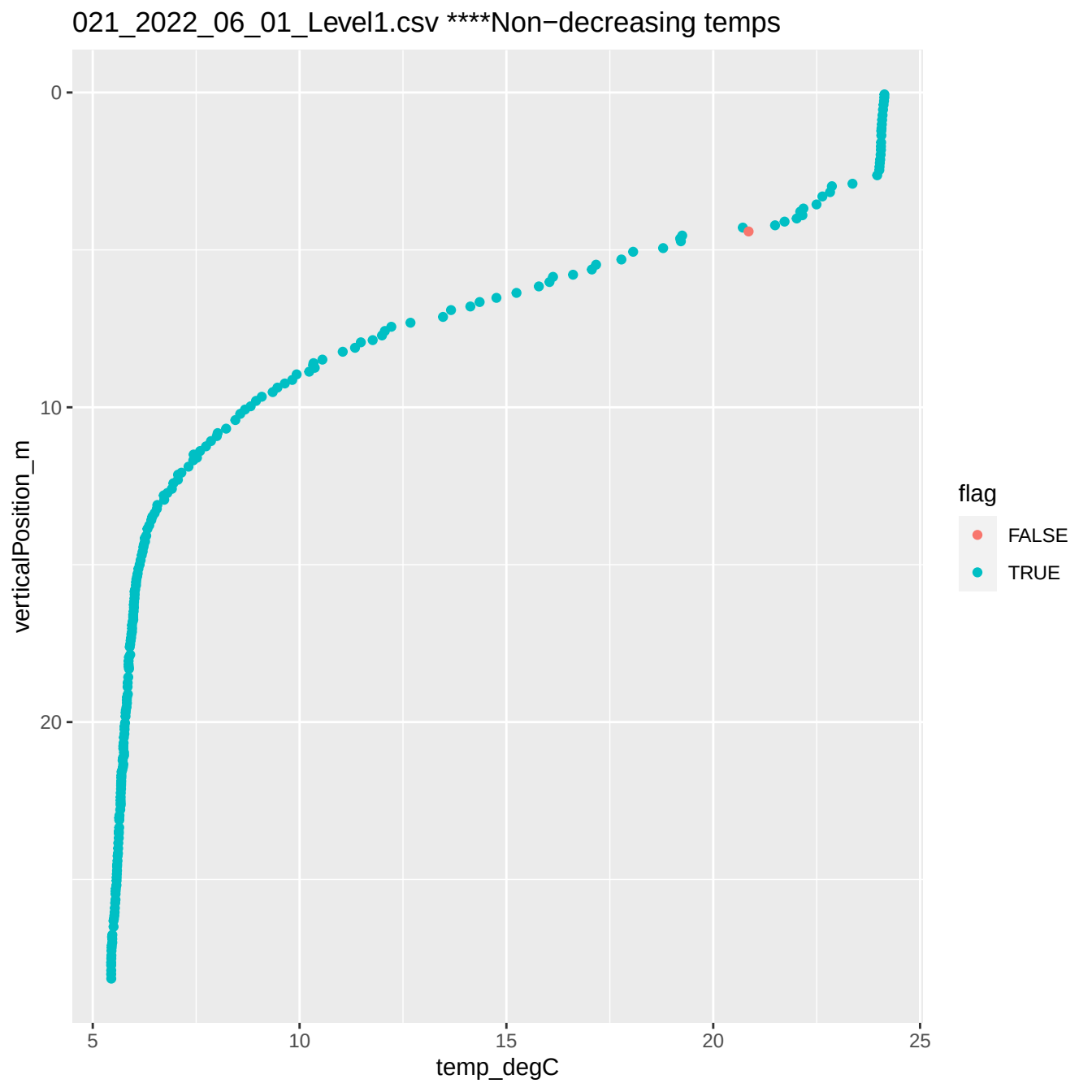

018_2022_08_09_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

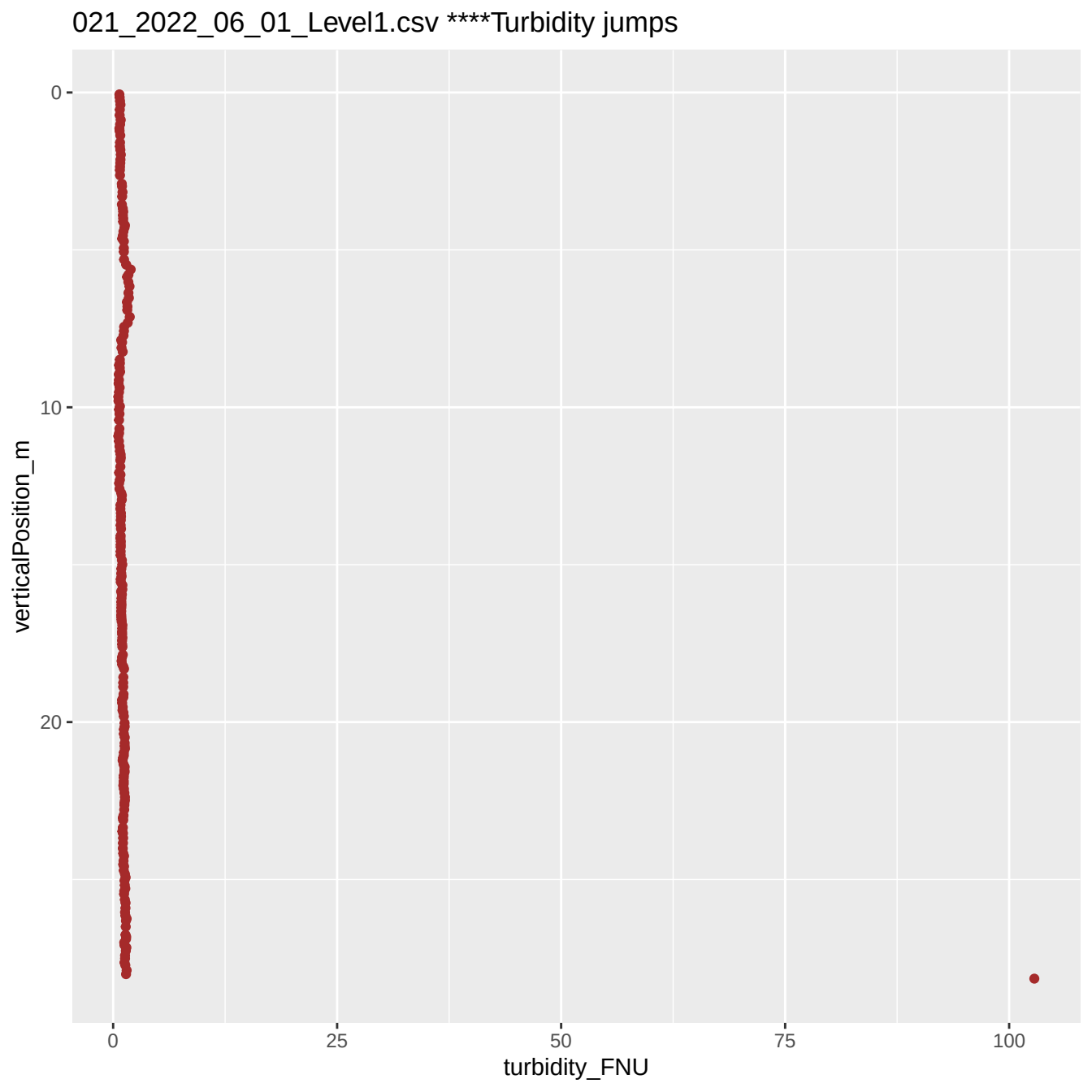

018_2022_08_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
1.5
2.0
turbidity_FNU

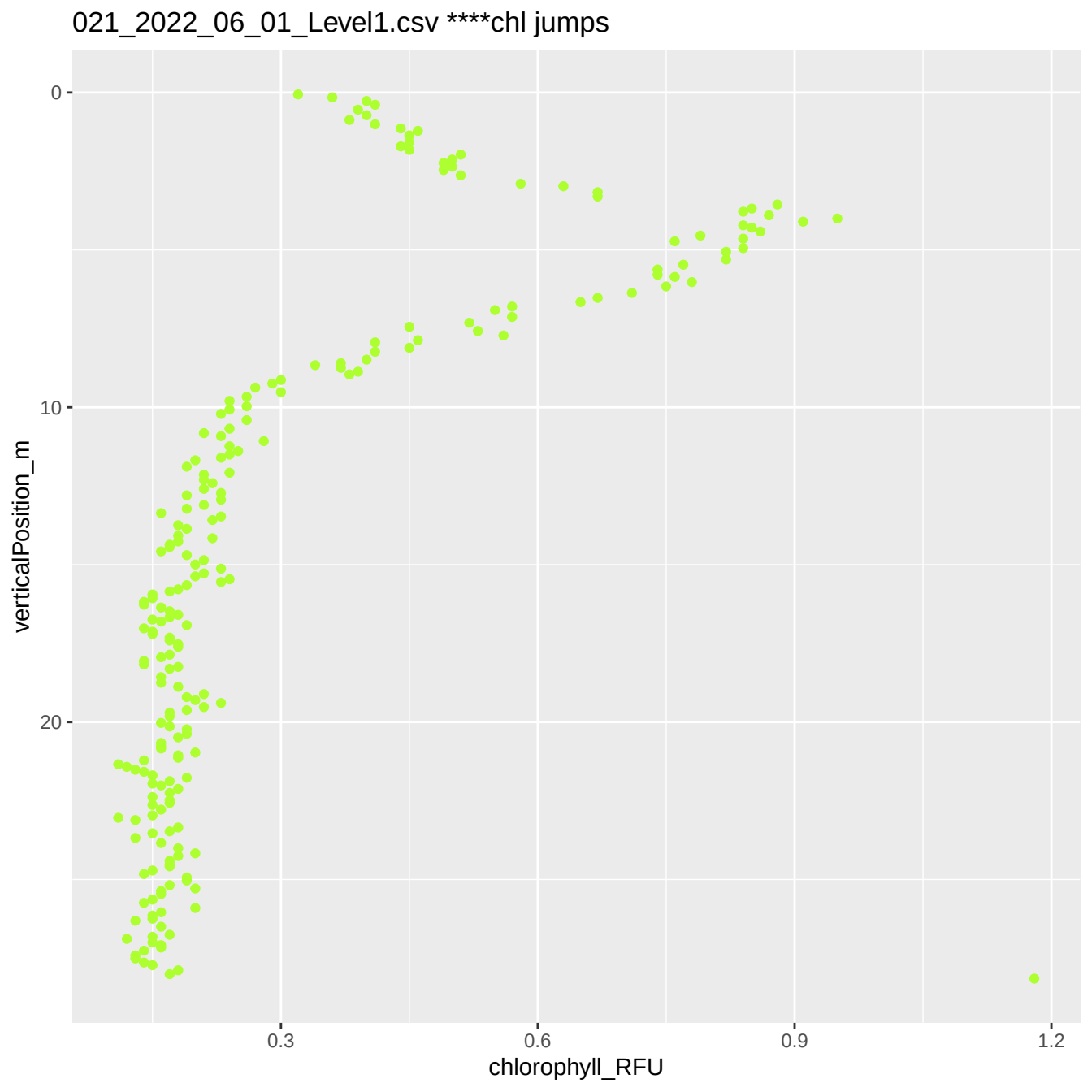

018_2022_08_09_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

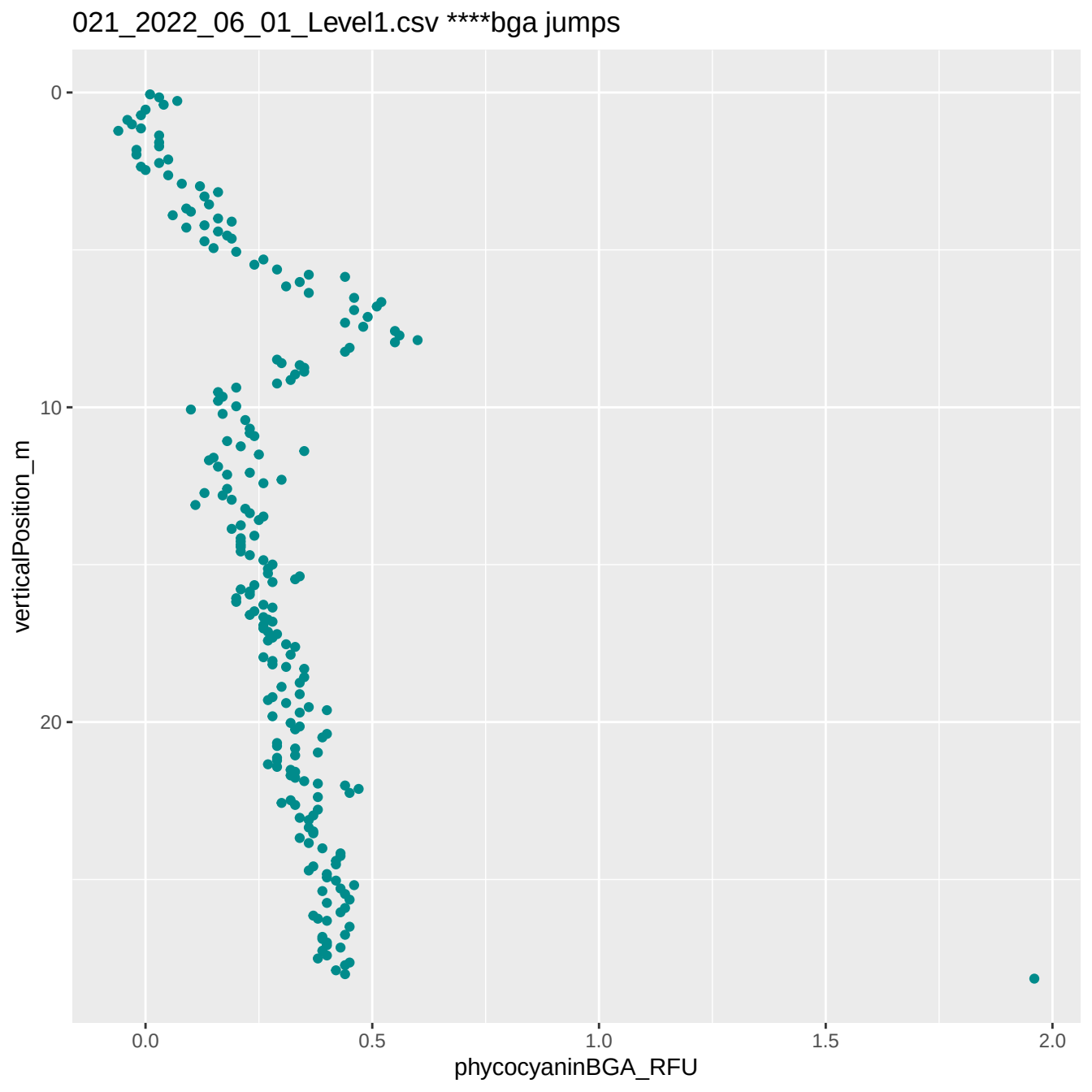

021_2022_06_01_Level1.csv ****Depth vs. time
verticalPosition_m
20
10
0
09:06
09:07
09:08
09:09
09:10
dateTime

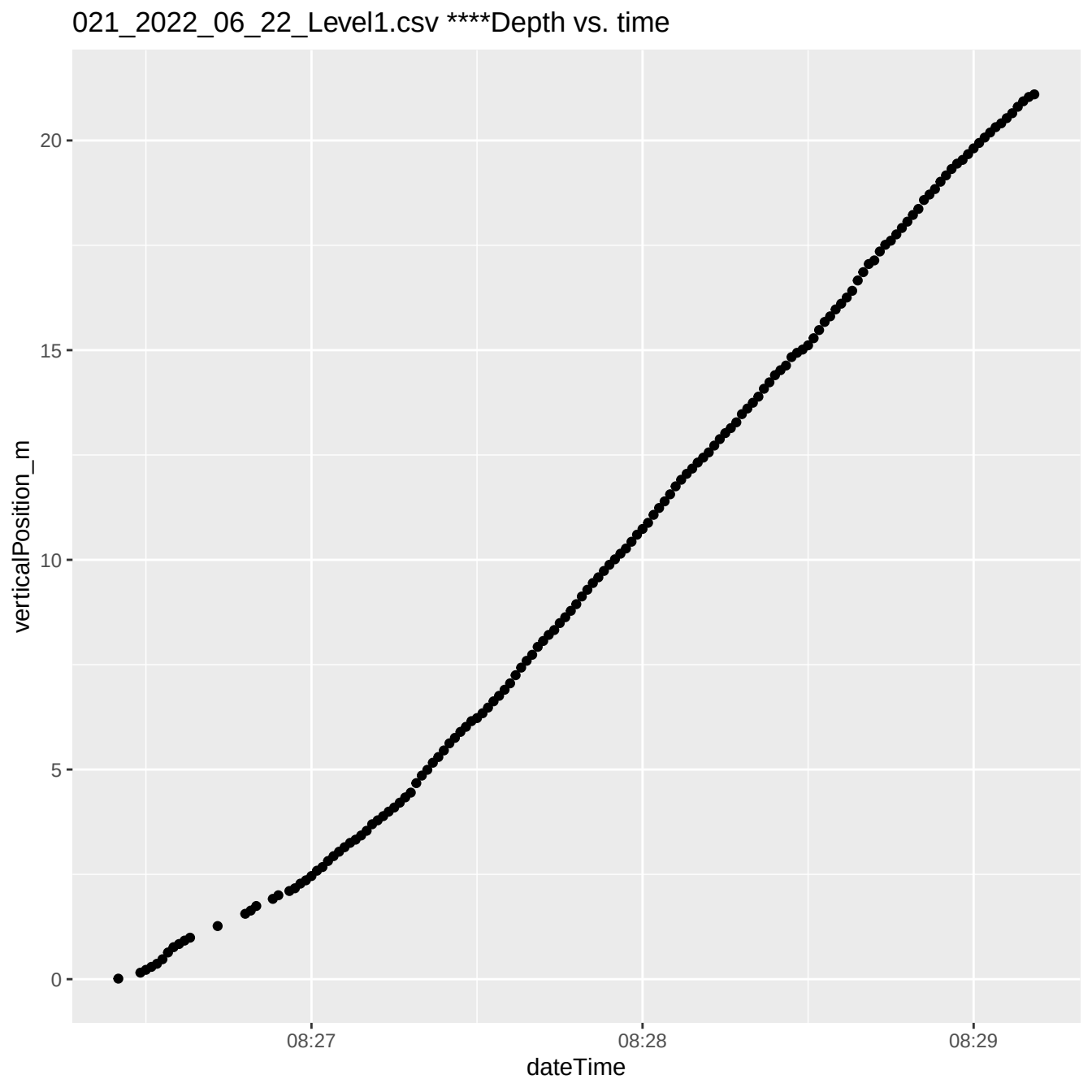

021_2022_06_01_Level1.csv ****Non−monotonic densities
0
10
20
verticalPosition_m
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

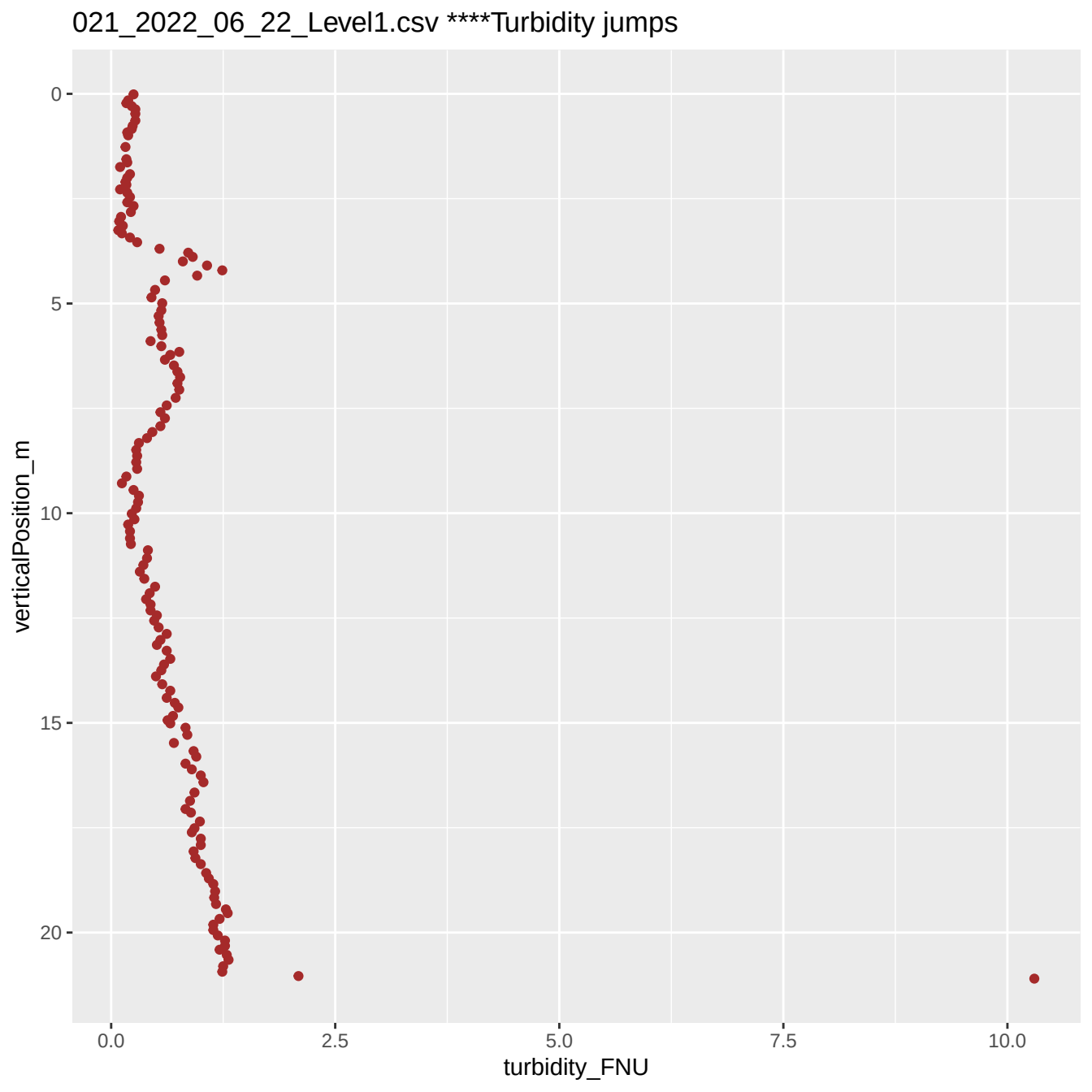

021_2022_06_01_Level1.csv ****Non−decreasing temps
0
10
20
verticalPosition_m
5
10
15
20
25
temp_degC
flag
FALSE
TRUE

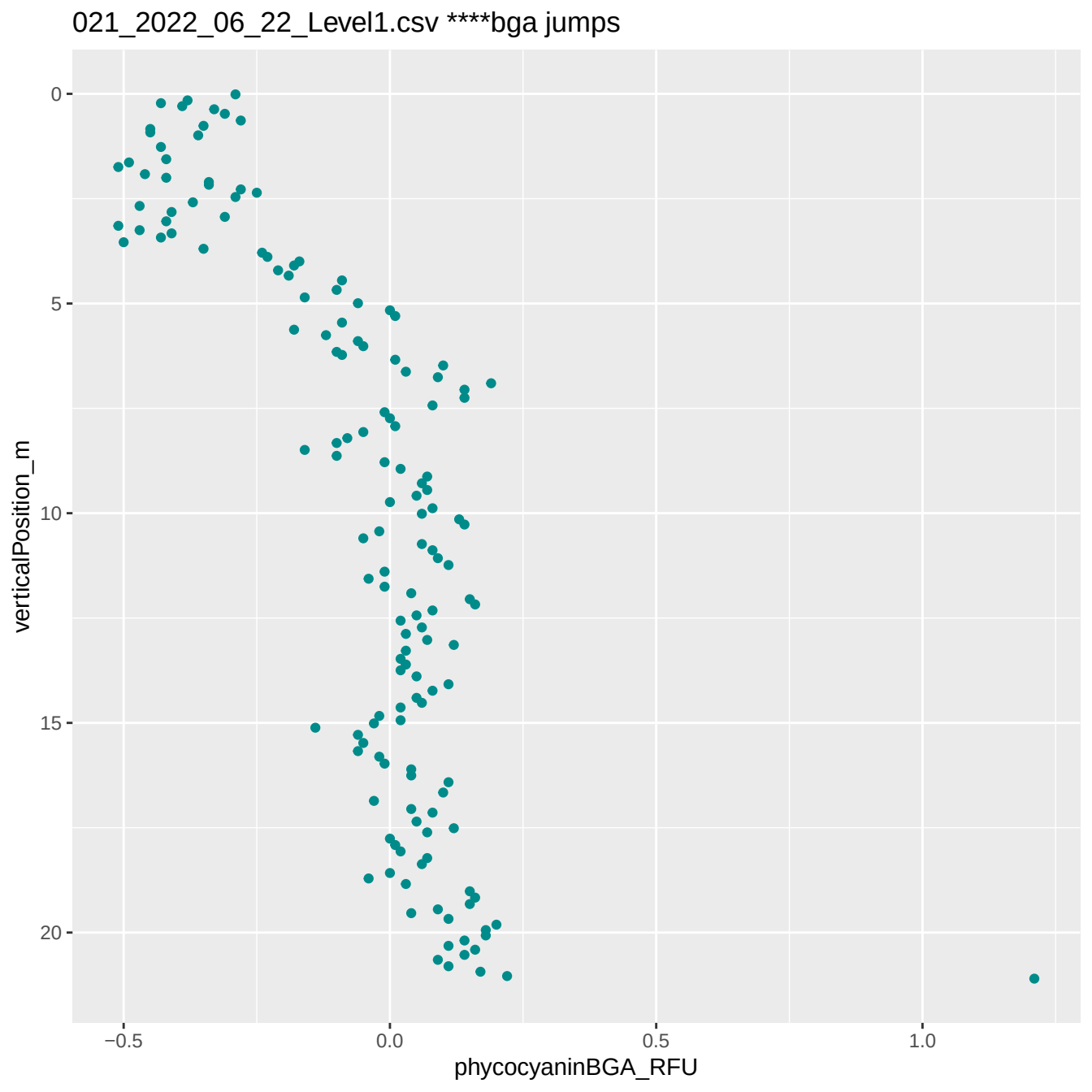

021_2022_06_01_Level1.csv ****Turbidity jumps
0
10
20
verticalPosition_m
0
25
50
75
100
turbidity_FNU

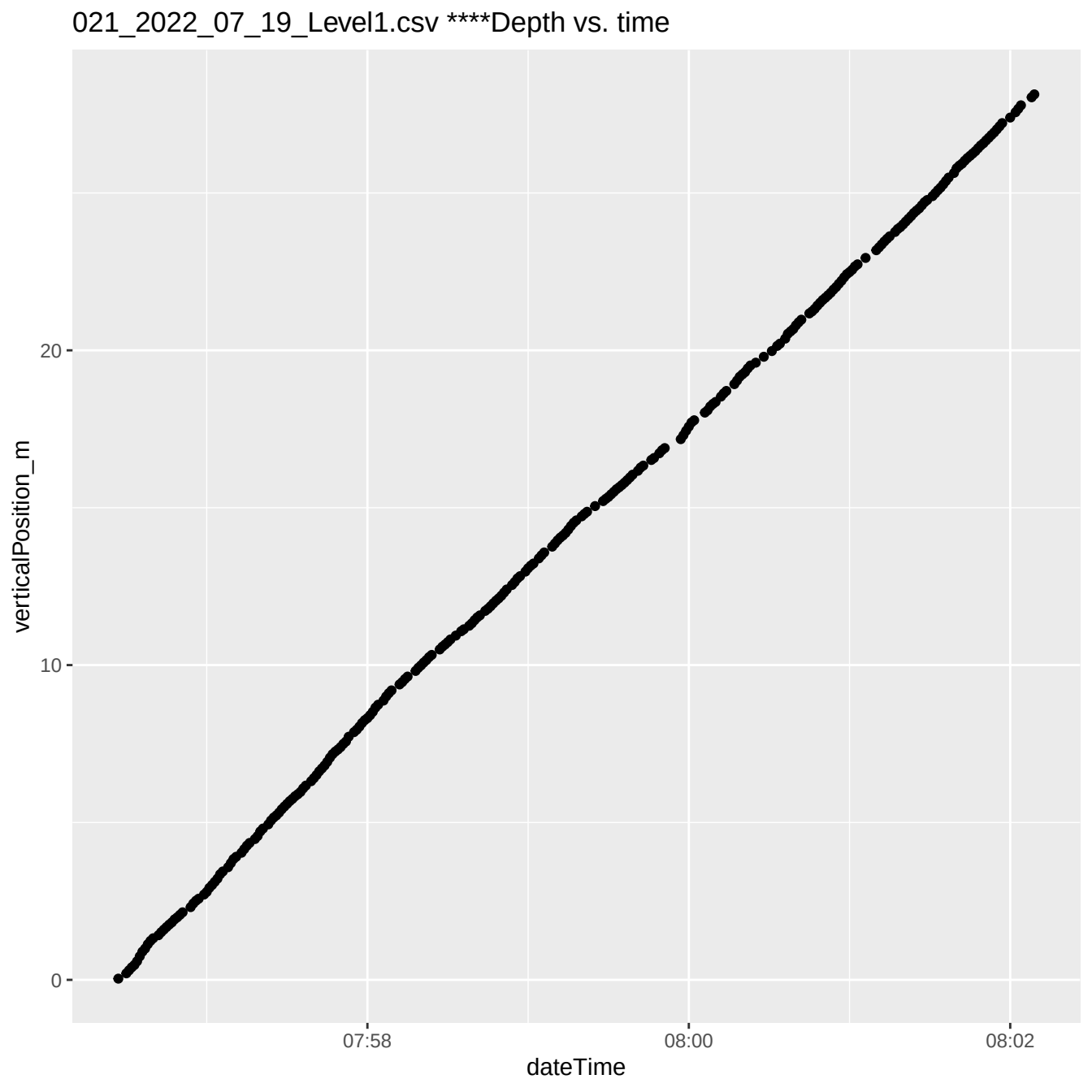

021_2022_06_01_Level1.csv ****chl jumps
0
10
20
verticalPosition_m
0.3
0.6
0.9
1.2
chlorophyll_RFU

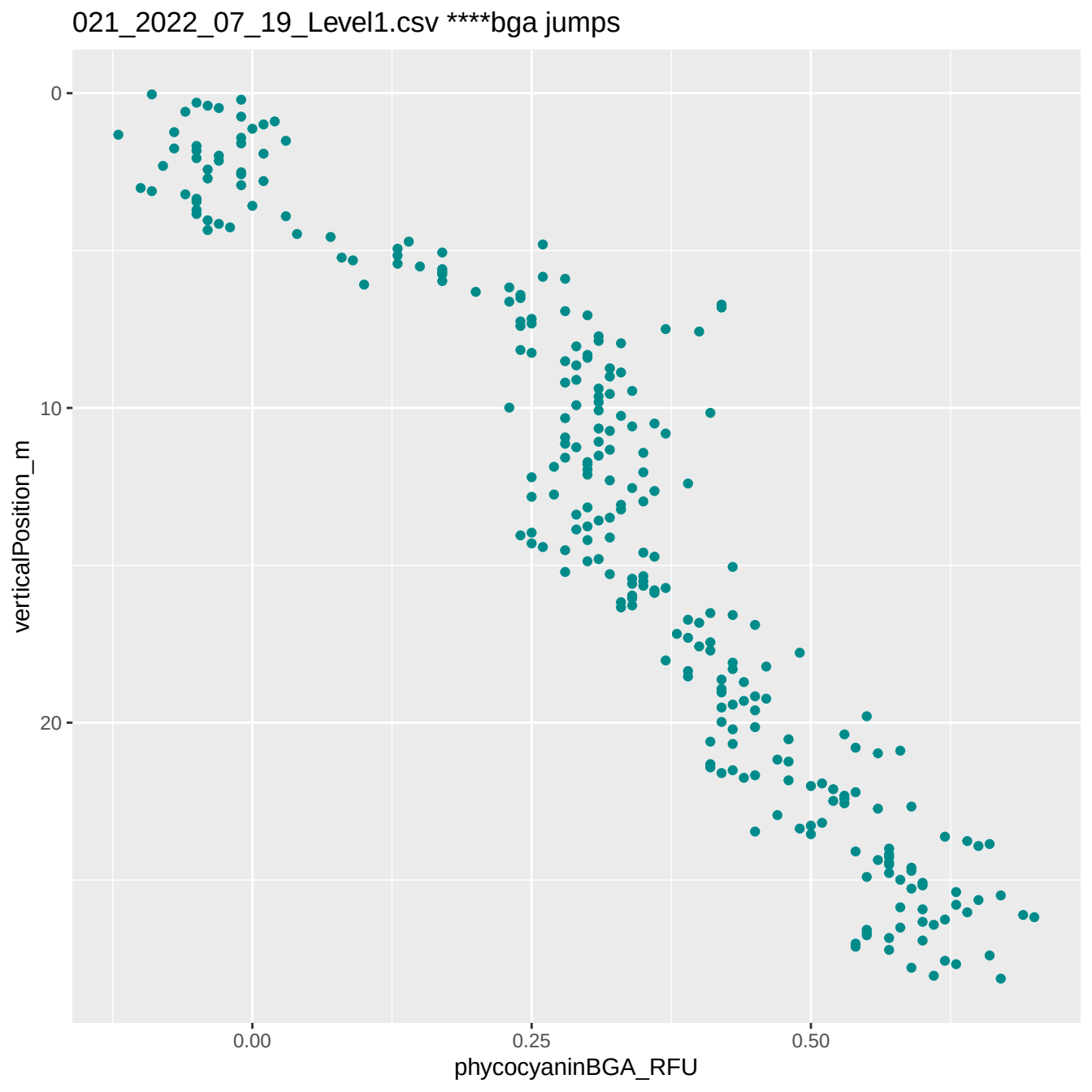

021_2022_06_01_Level1.csv ****bga jumps
0
10
20
verticalPosition_m
0.0
0.5
1.0
1.5
2.0
phycocyaninBGA_RFU

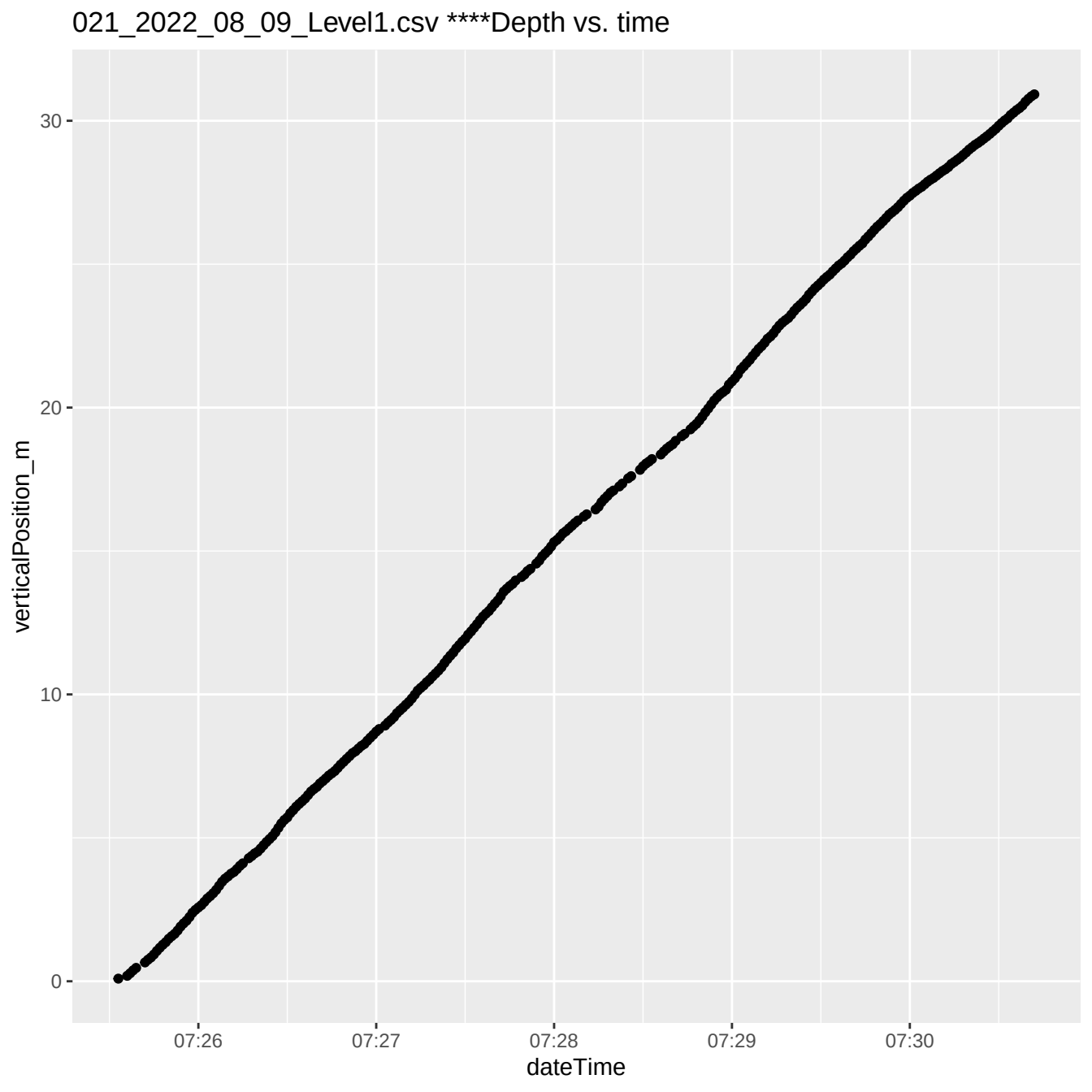

021_2022_06_22_Level1.csv ****Depth vs. time
20
15
10
5
0
verticalPosition_m
08:27
08:28
08:29
dateTime

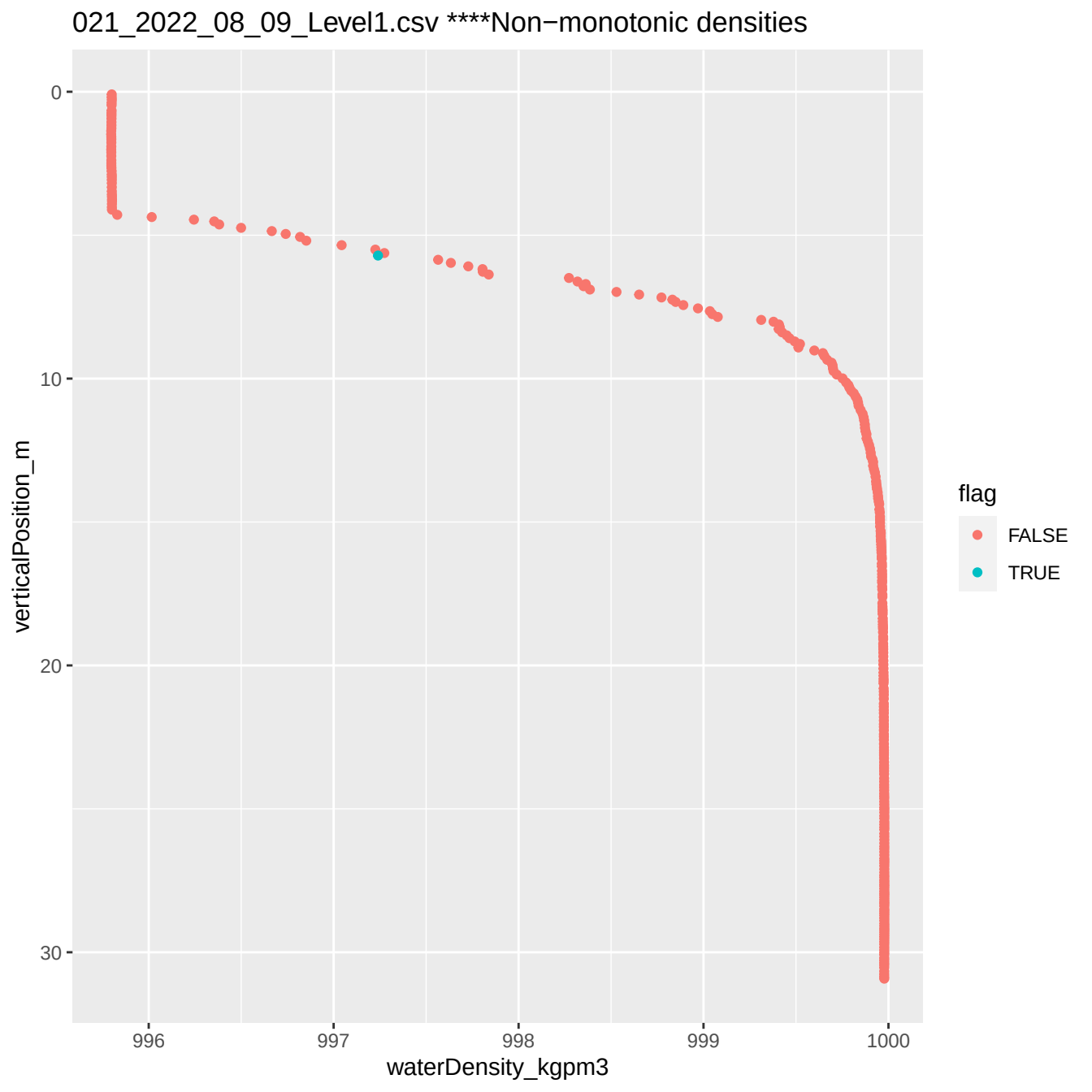

021_2022_06_22_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0.0
2.5
5.0
7.5
10.0
turbidity_FNU

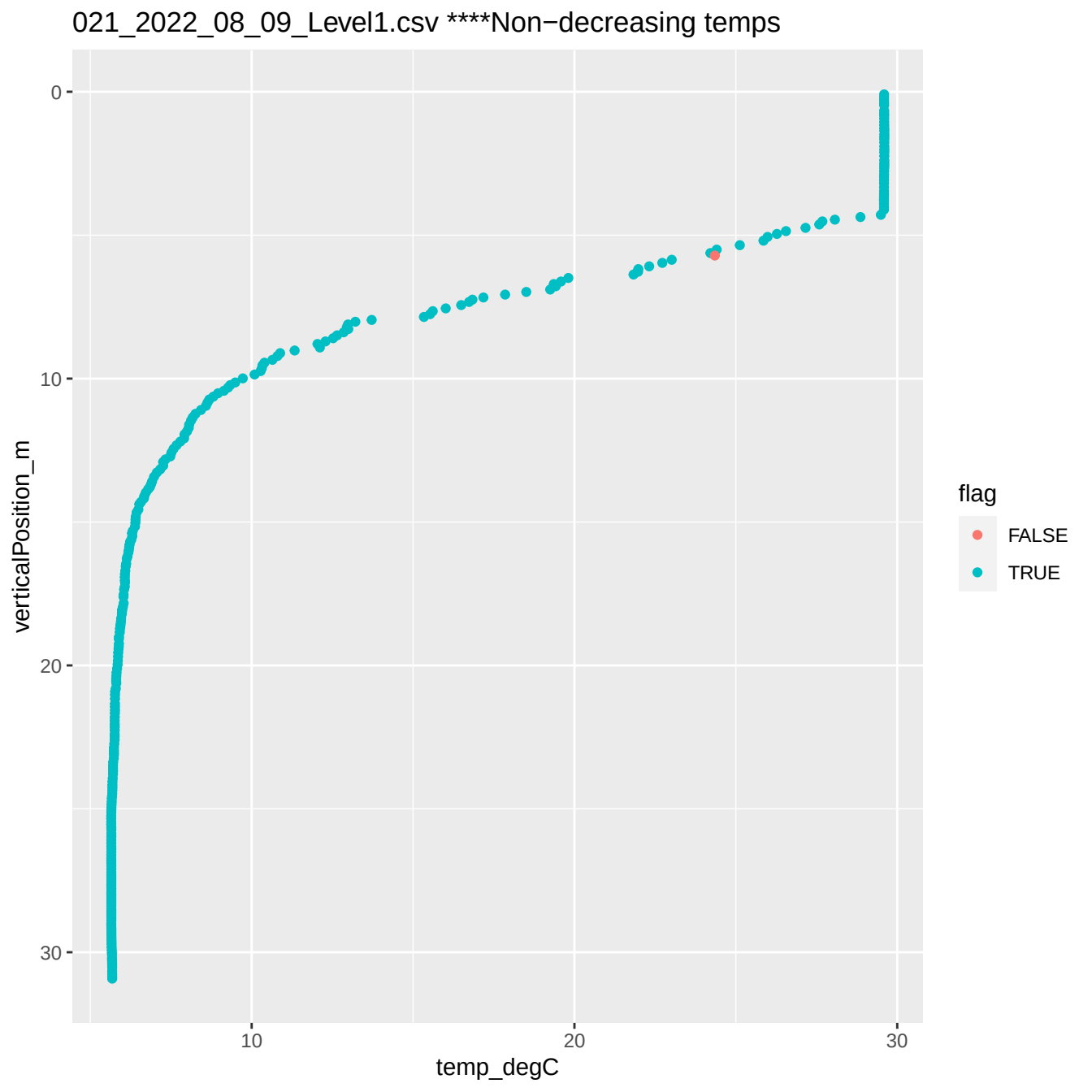

021_2022_06_22_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
−0.5
0.0
0.5
1.0
phycocyaninBGA_RFU

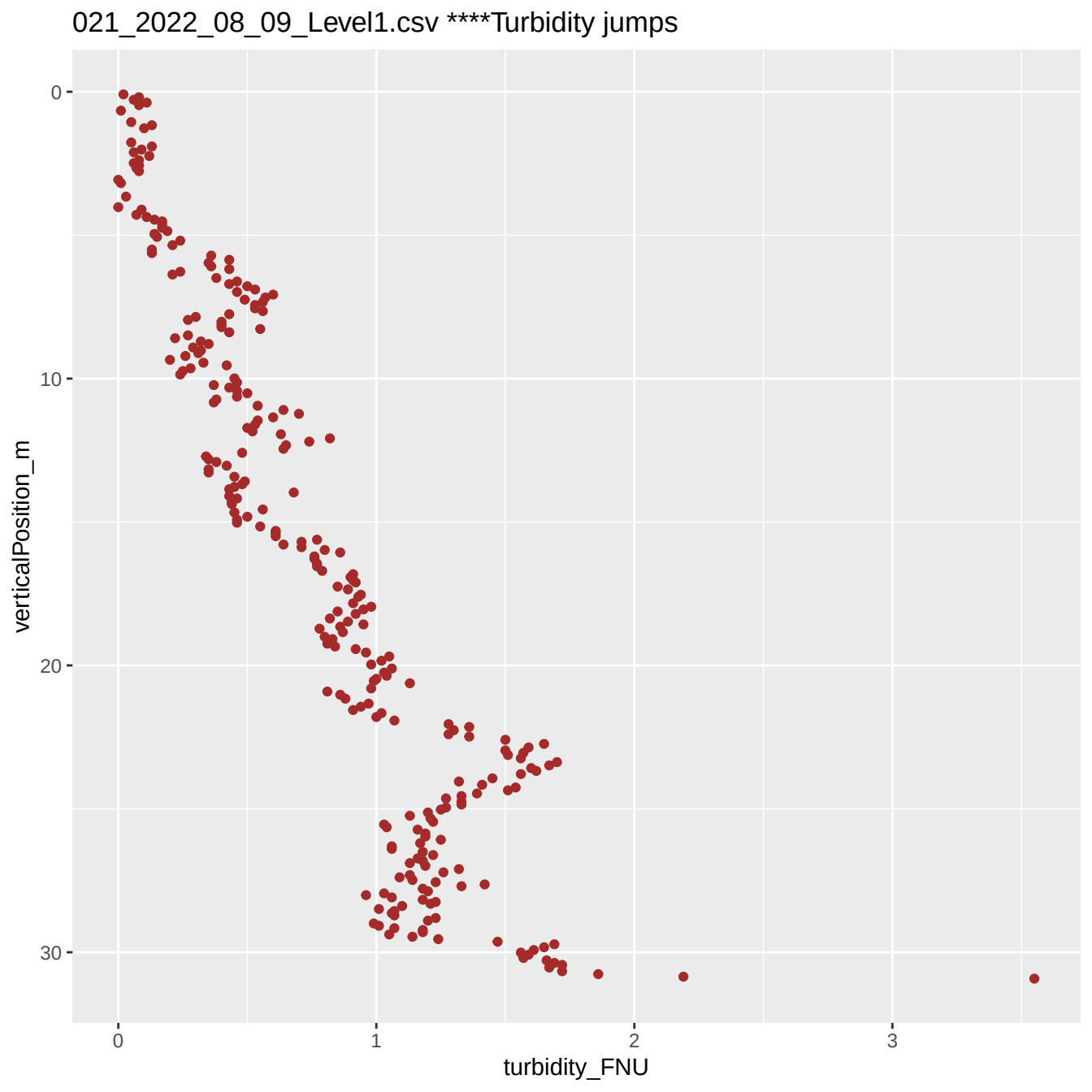

021_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
20
10
0
07:58
08:00
08:02
dateTime

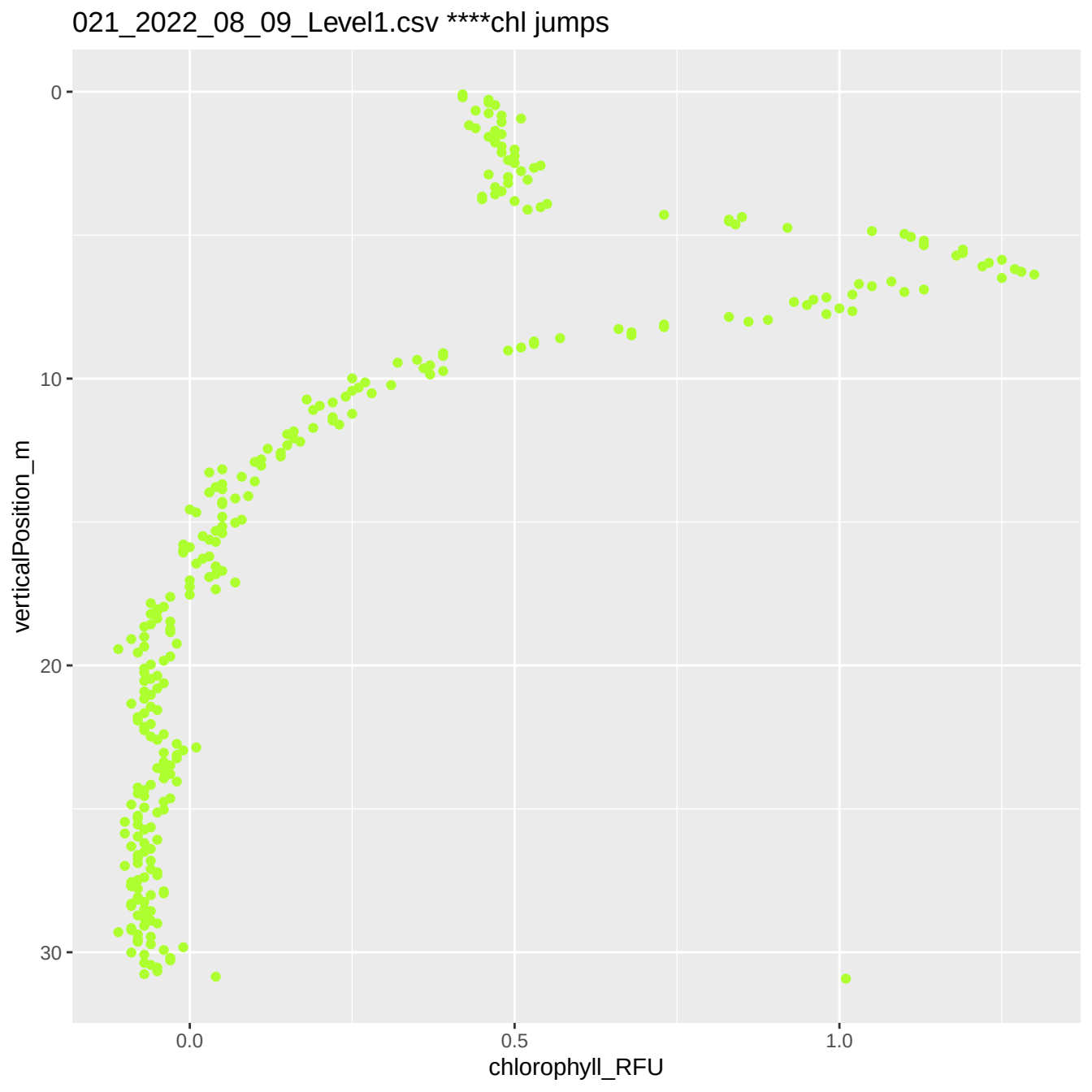

021_2022_07_19_Level1.csv ****bga jumps
0
10
20
verticalPosition_m
0.00
0.25
0.50
phycocyaninBGA_RFU

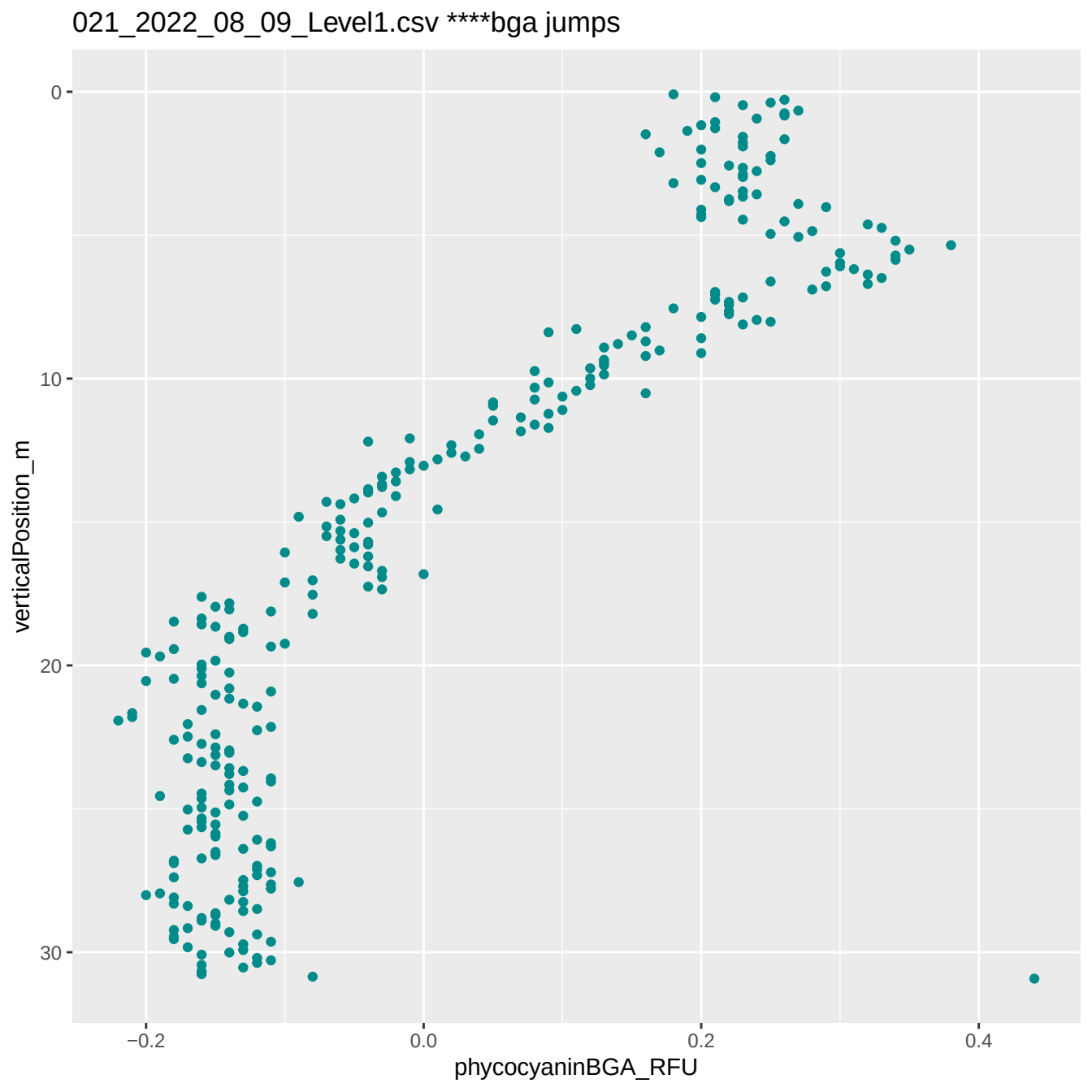

021_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
30
20
10
0
07:26
07:27
07:28
07:29
07:30
dateTime

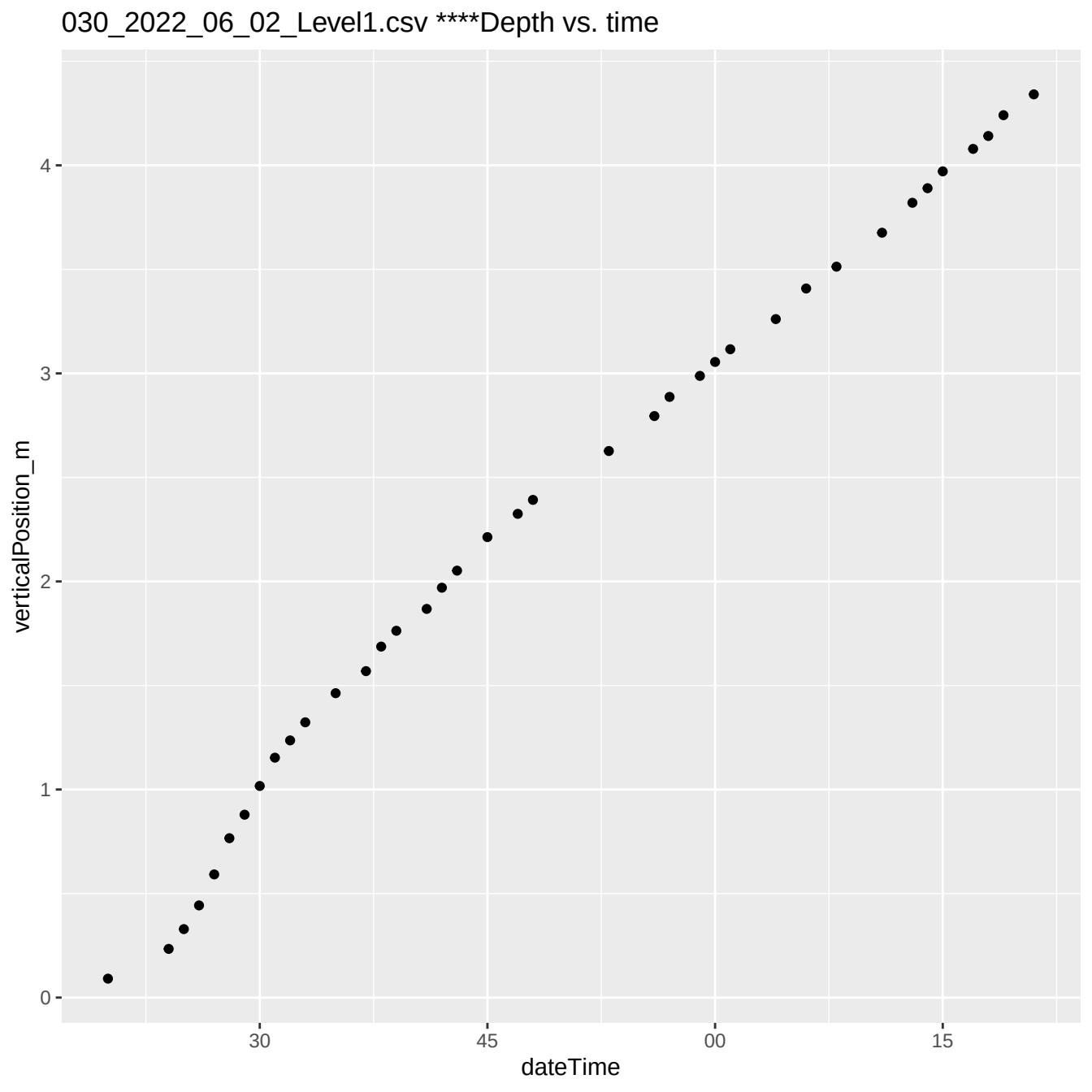

021_2022_08_09_Level1.csv ****Non−monotonic densities
0
10
20
30
verticalPosition_m
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

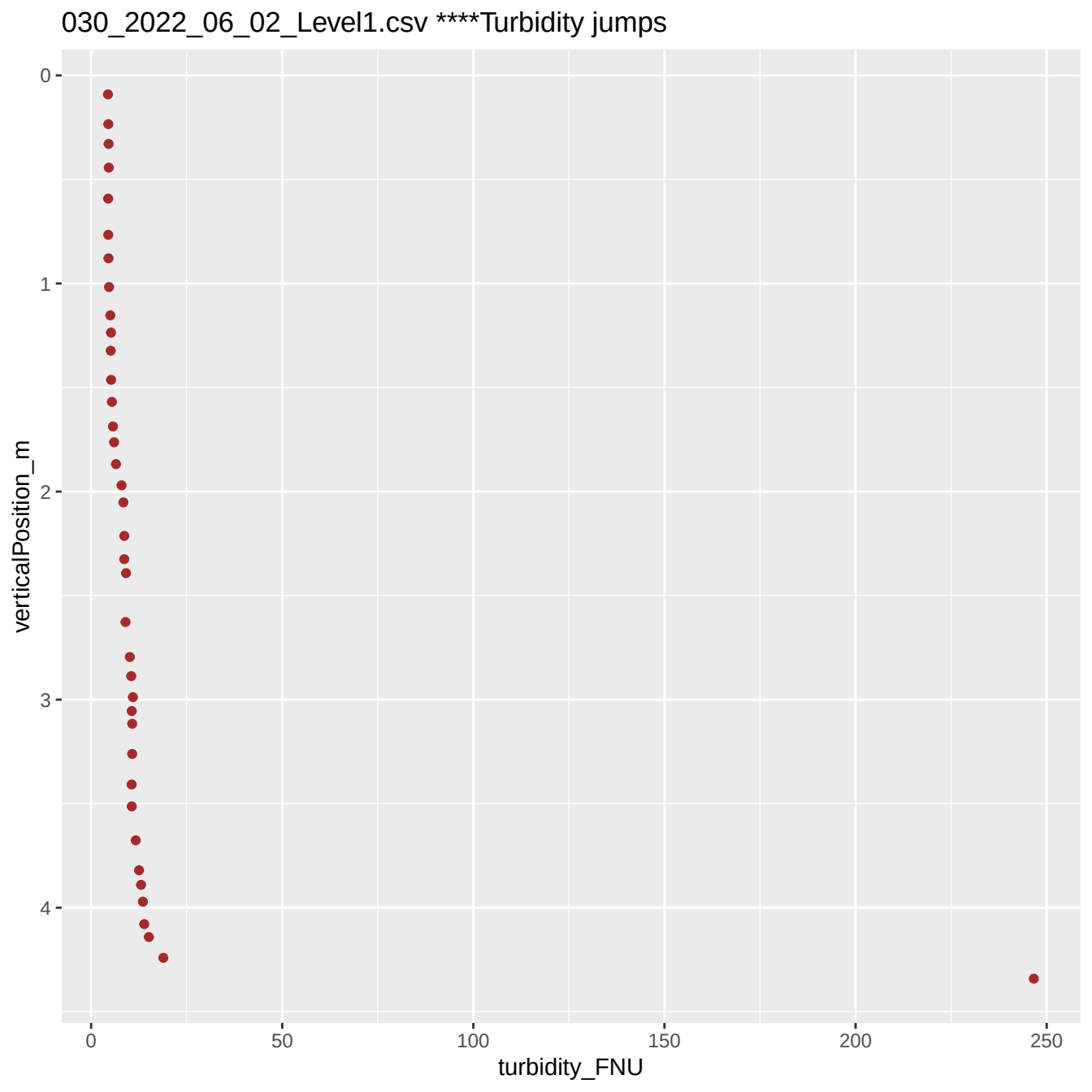

021_2022_08_09_Level1.csv ****Non−decreasing temps
0
10
20
30
verticalPosition_m
10
20
30
temp_degC
flag
FALSE
TRUE

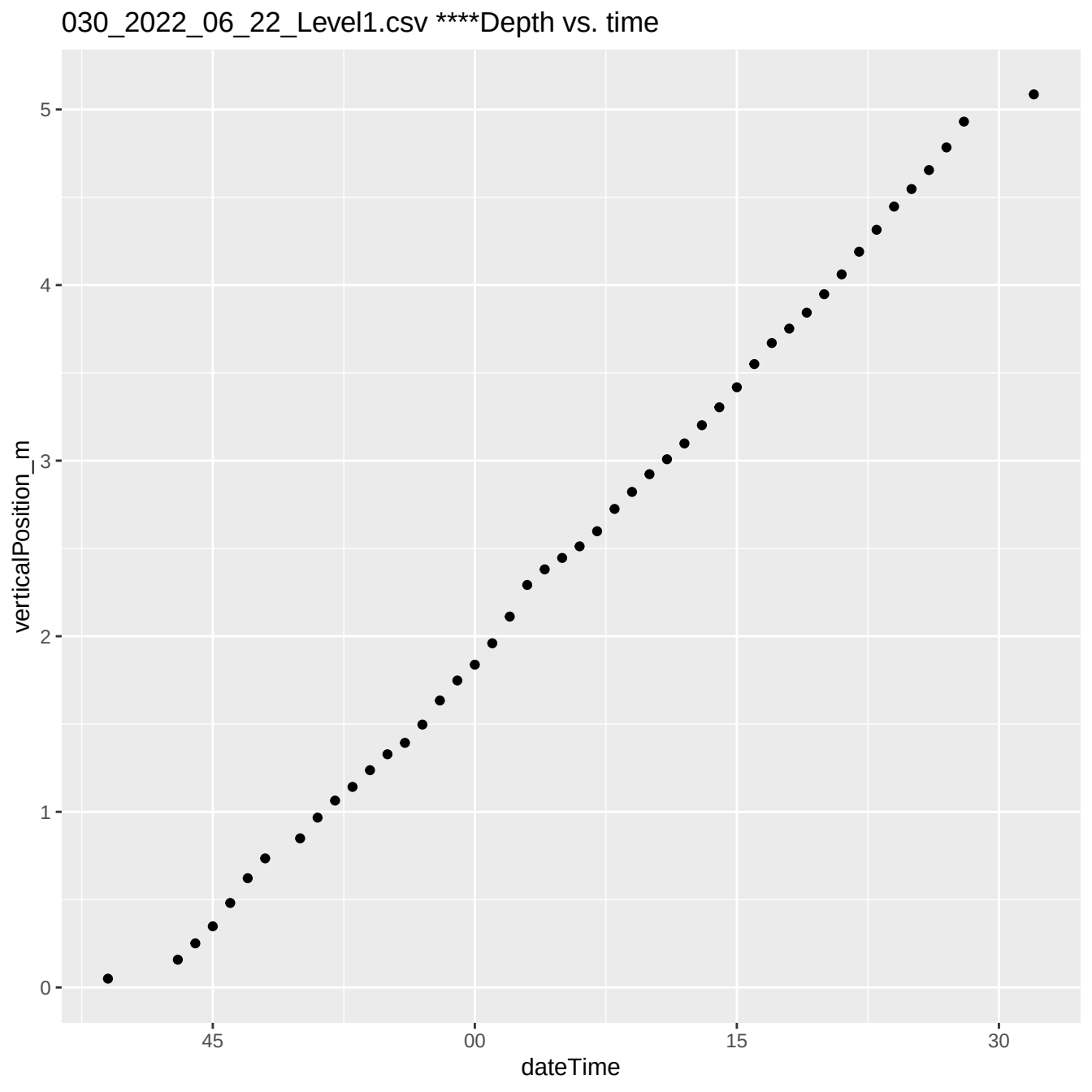

021_2022_08_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
10
20
30
turbidity_FNU
0
1
2
3

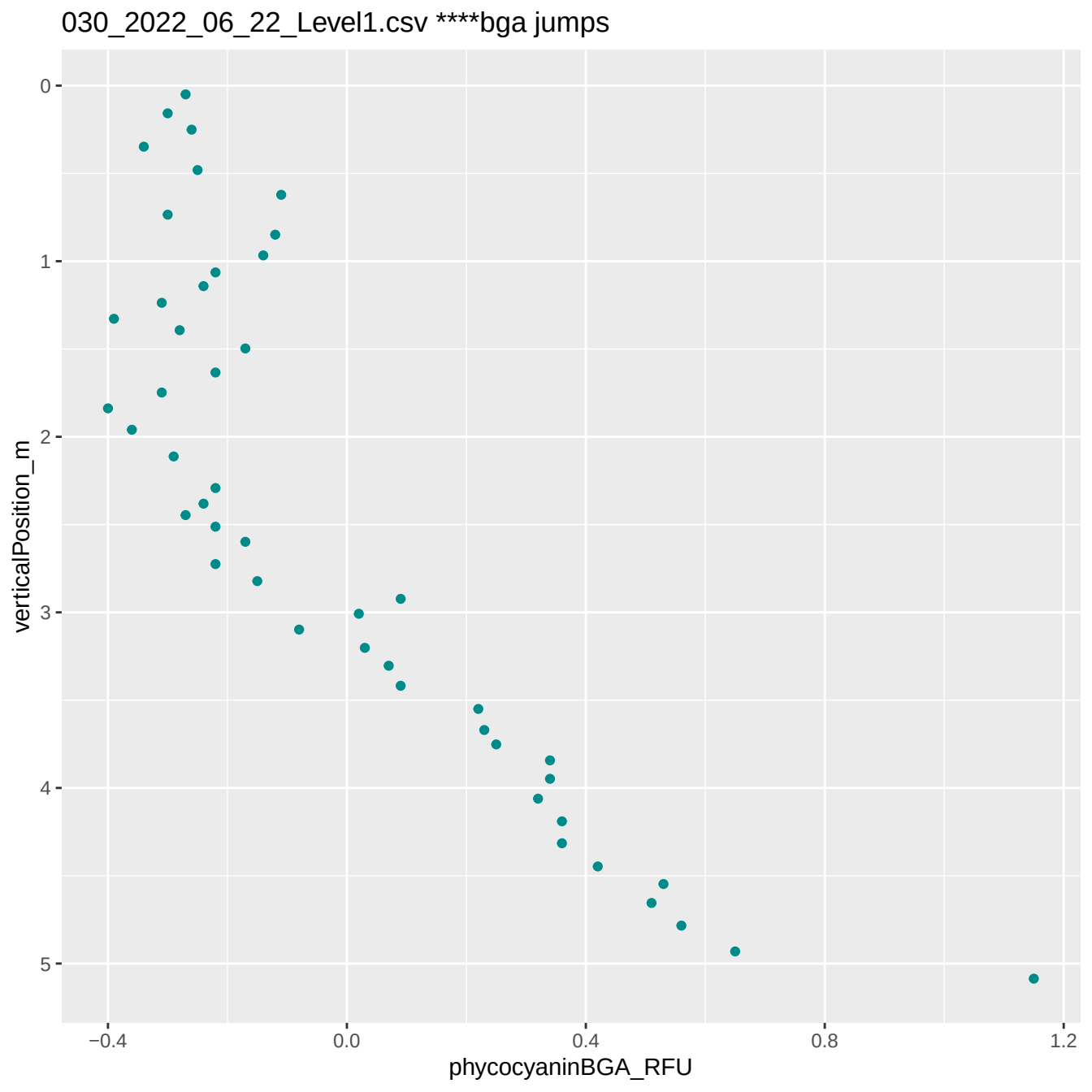

021_2022_08_09_Level1.csv ****chl jumps
0
10
20
30
verticalPosition_m
0.0
0.5
1.0
chlorophyll_RFU

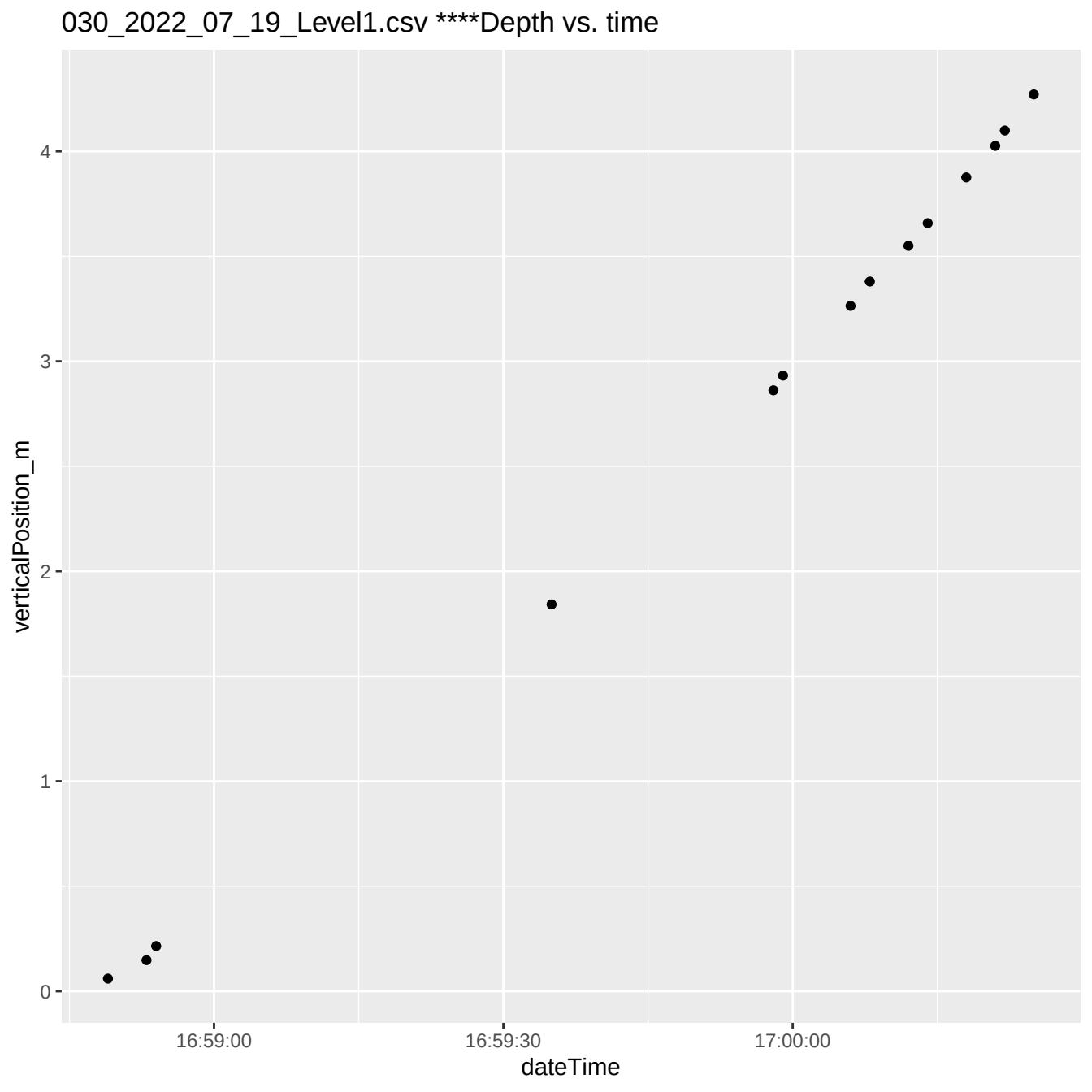

021_2022_08_09_Level1.csv ****bga jumps
0
10
20
30
verticalPosition_m
−0.2
0.0
0.2
0.4
phycocyaninBGA_RFU

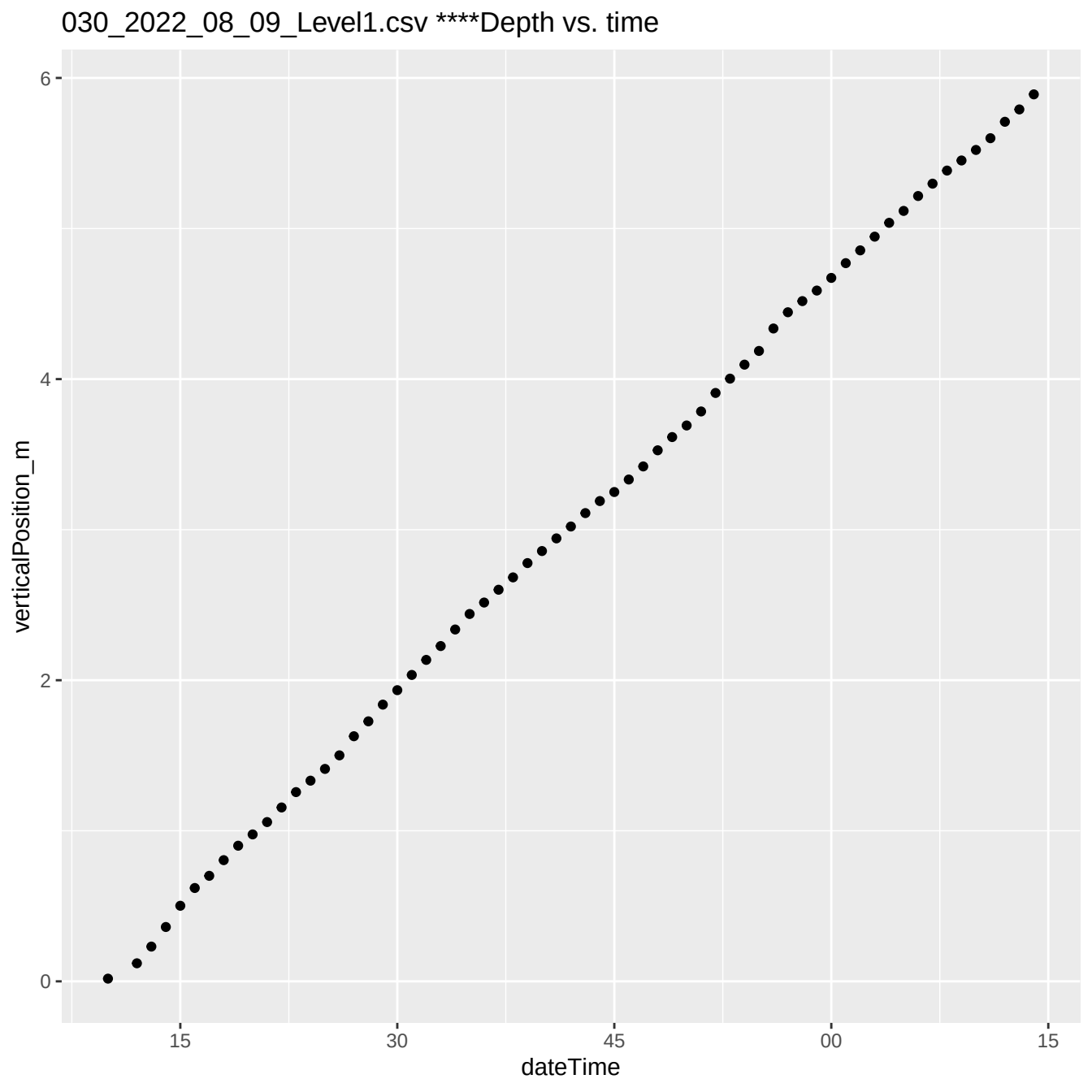

030_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
30
45
00
15
dateTime

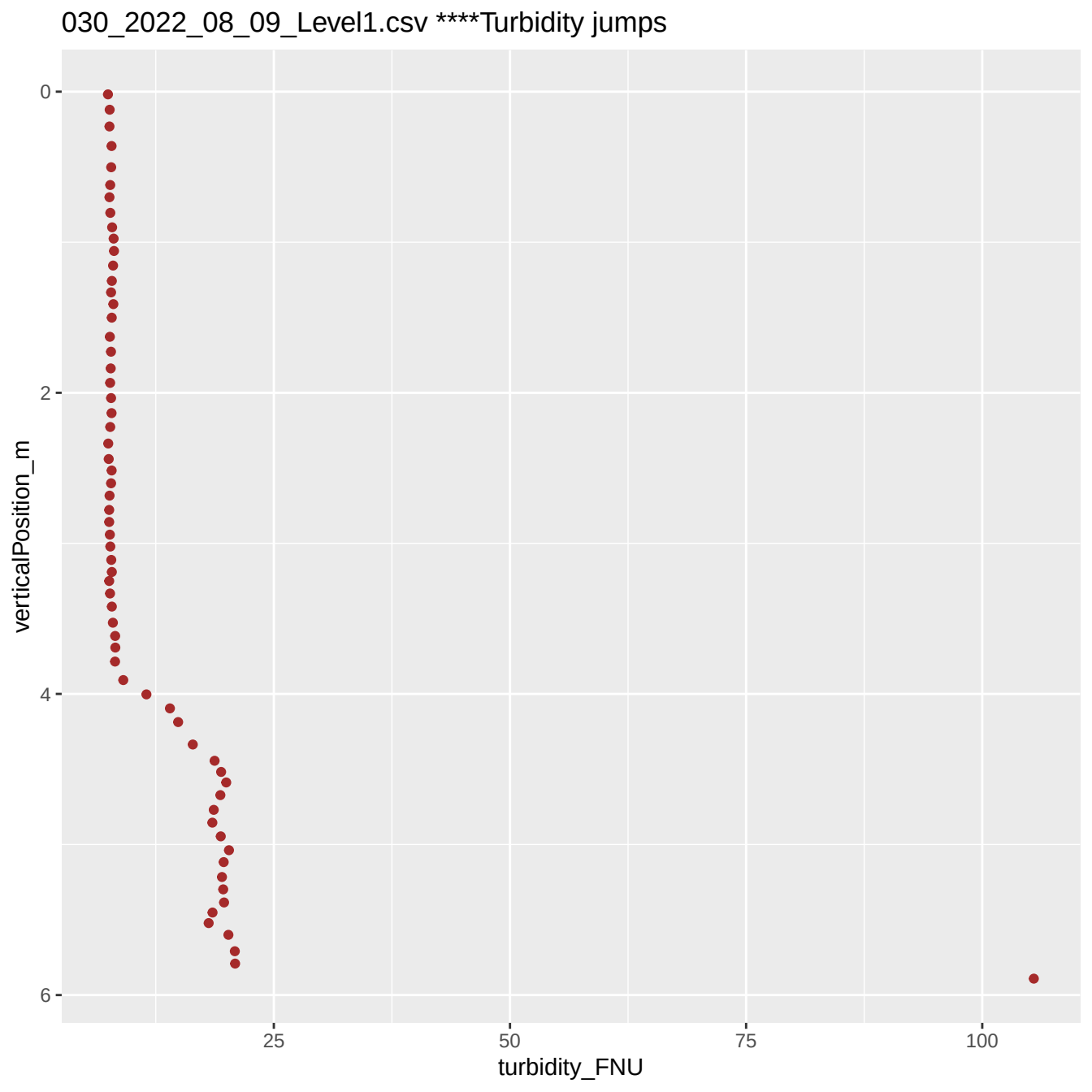

030_2022_06_02_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
0
50
100
150
200
250
turbidity_FNU

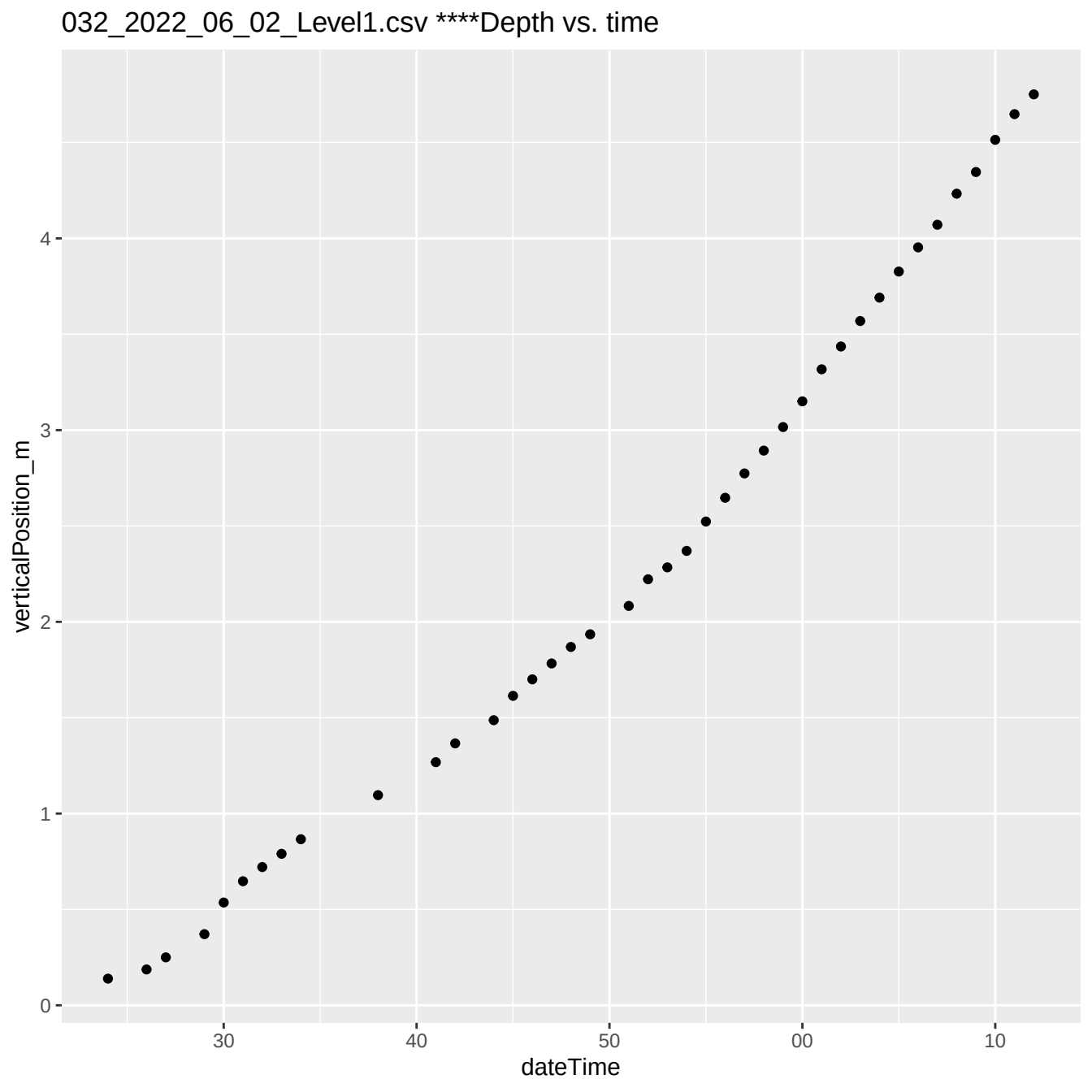

030_2022_06_22_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
45
00
15
30
dateTime

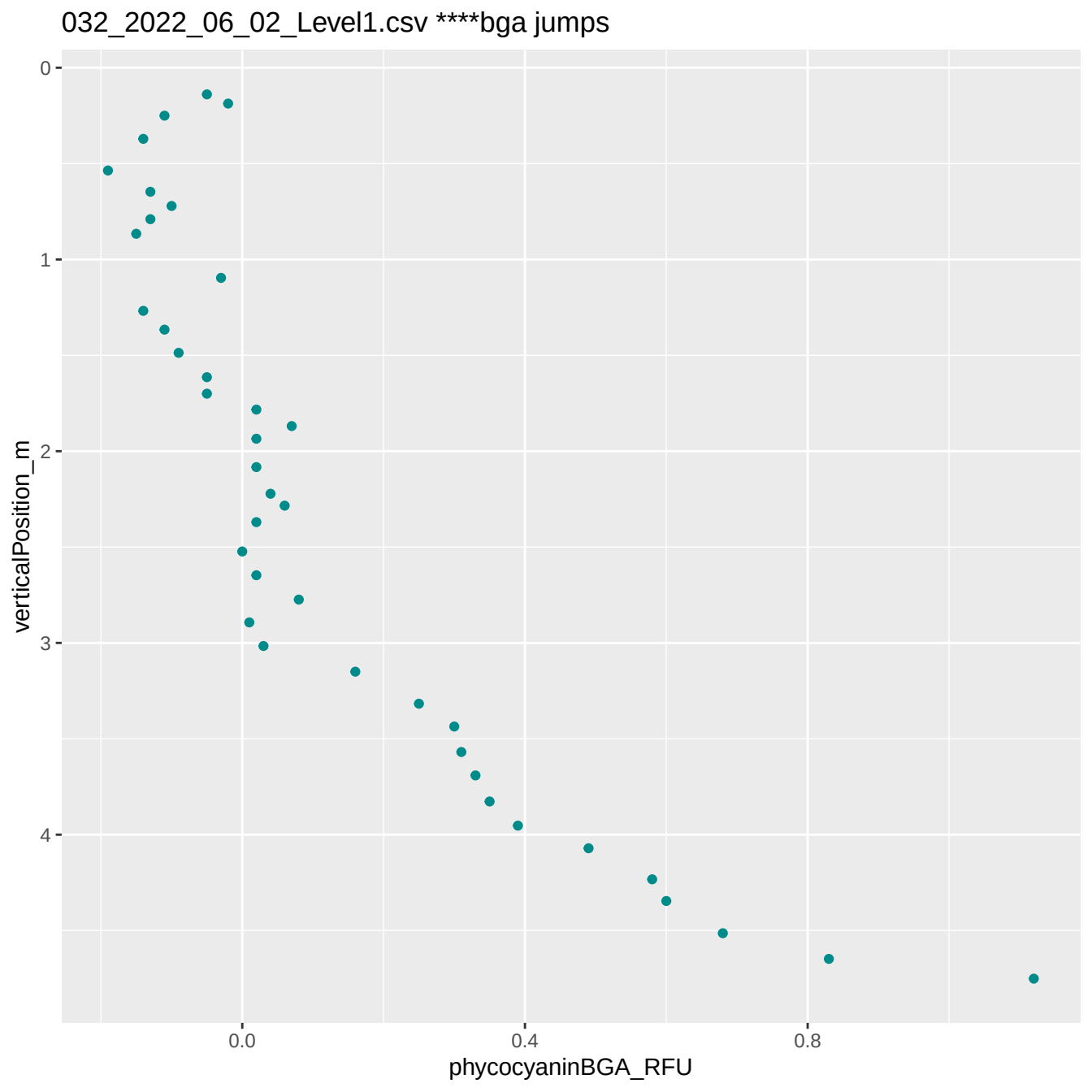

030_2022_06_22_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
−0.4
0.0
0.4
0.8
1.2
phycocyaninBGA_RFU

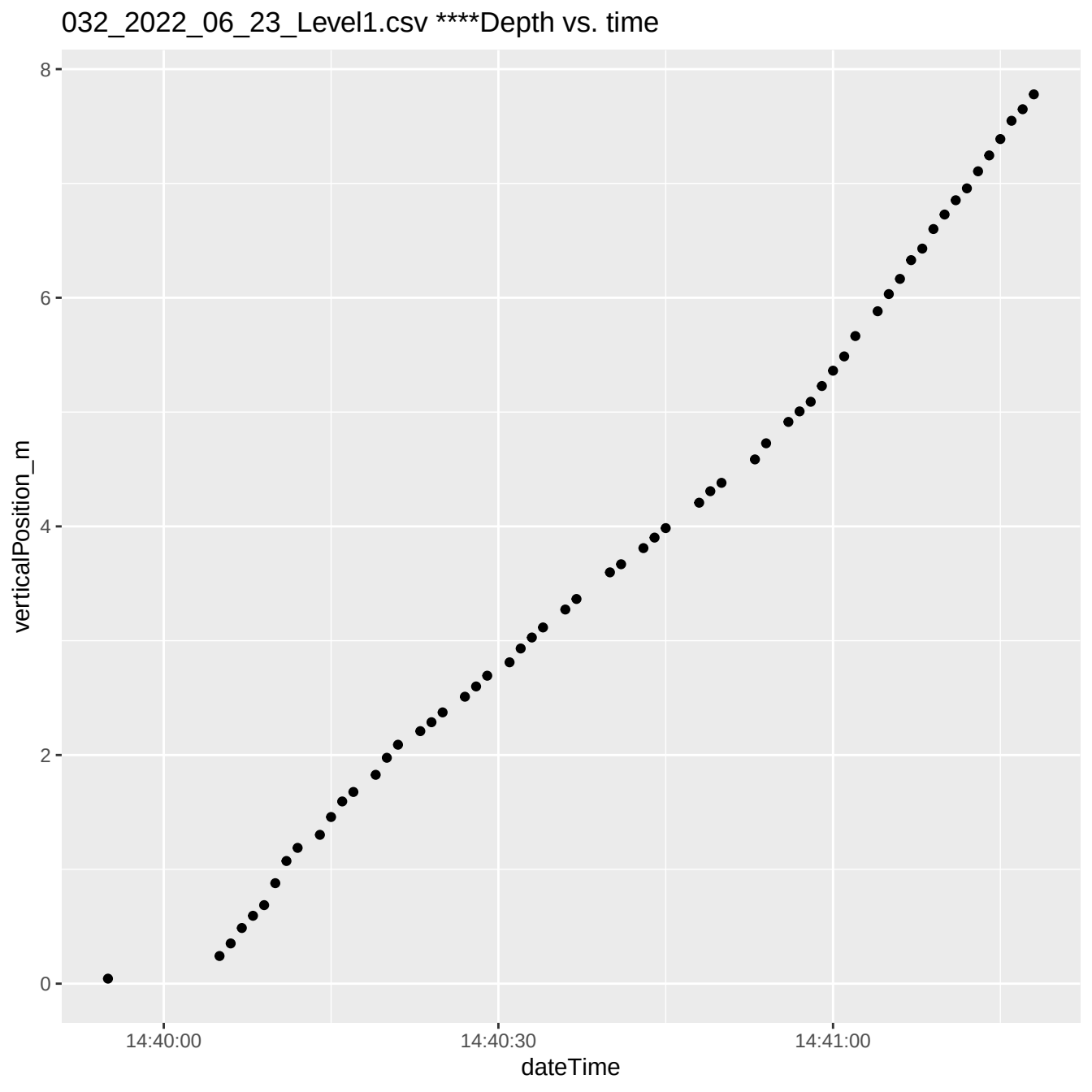

030_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
16:59:00
16:59:30
17:00:00
dateTime

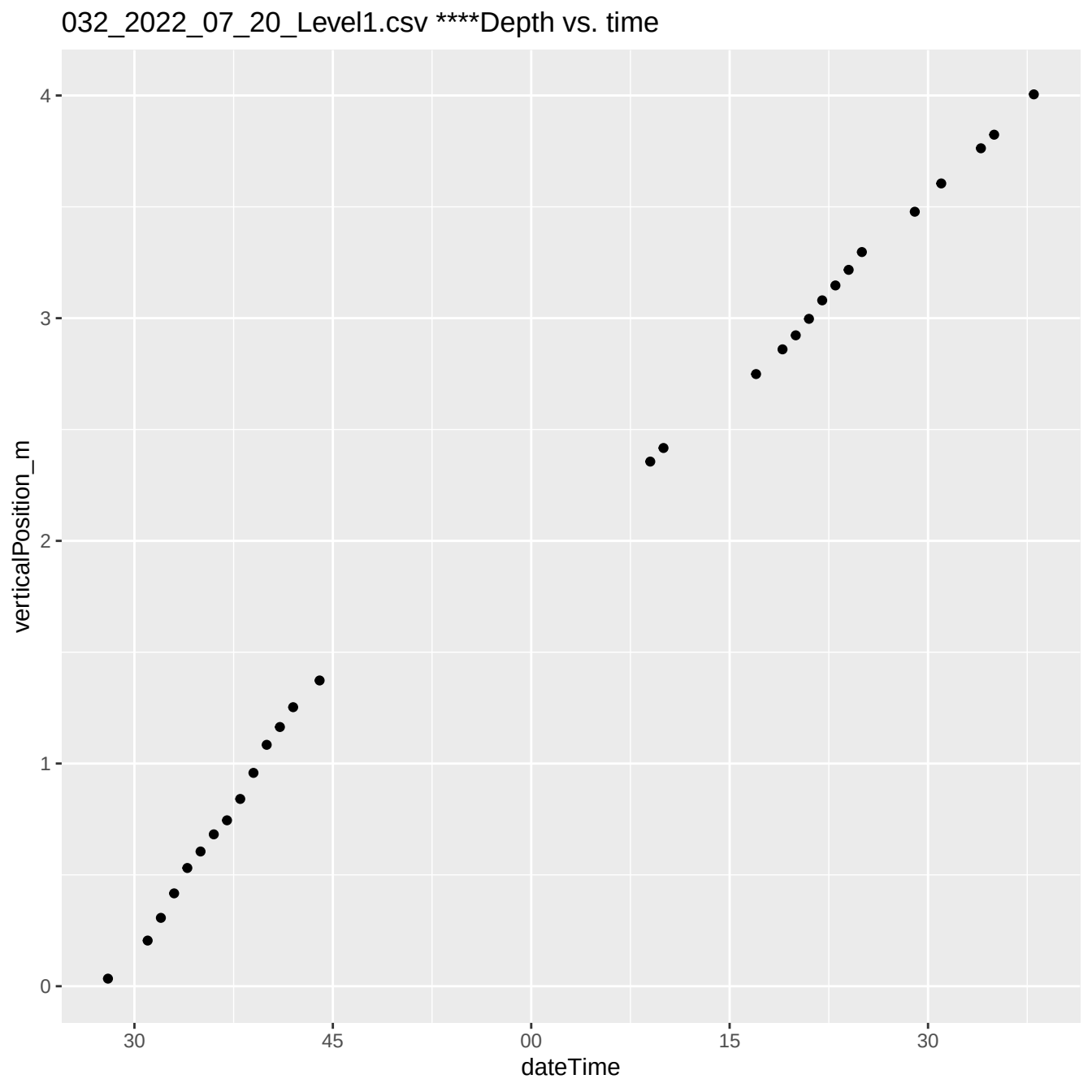

030_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15
30
45
00
15
dateTime

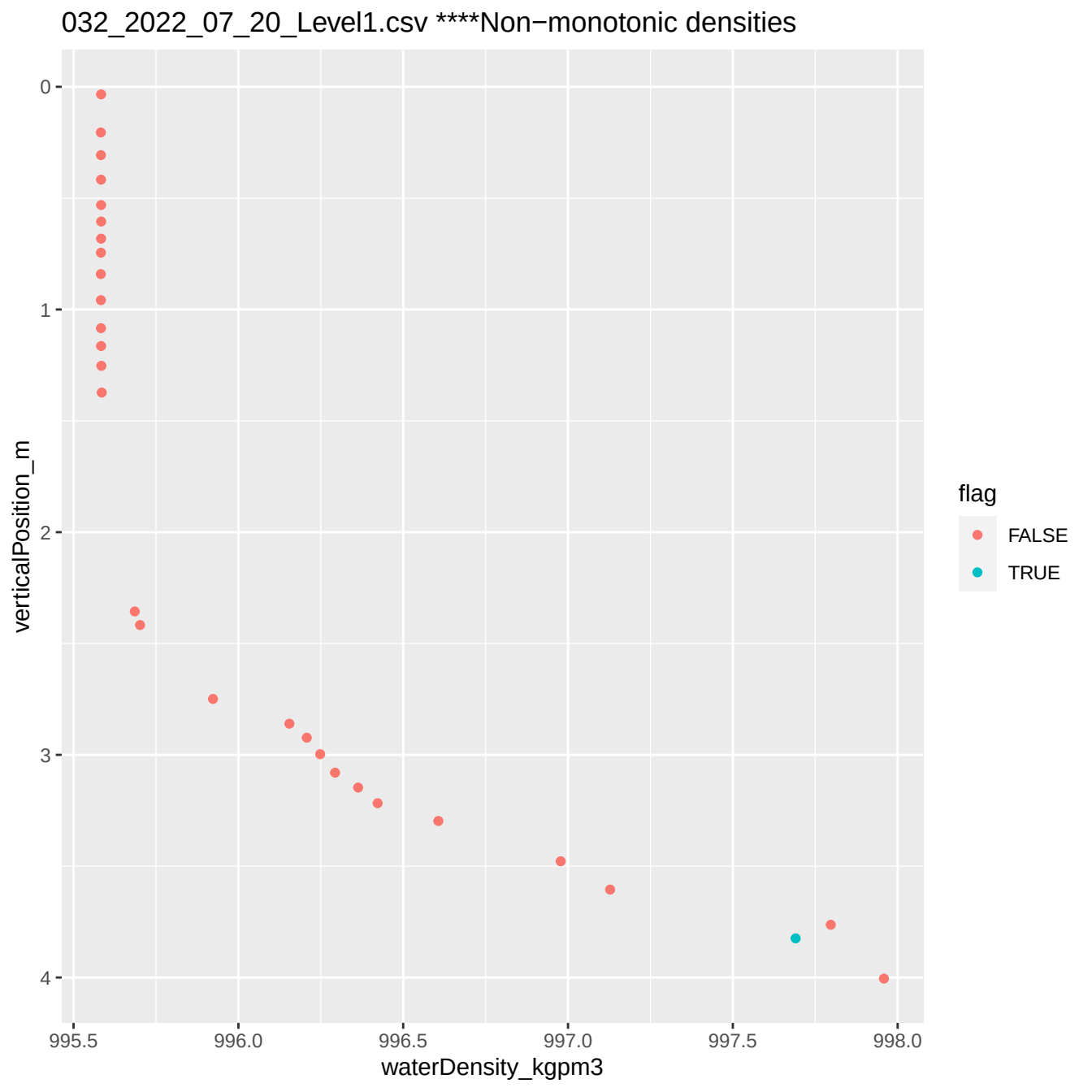

030_2022_08_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
25
50
75
100
turbidity_FNU

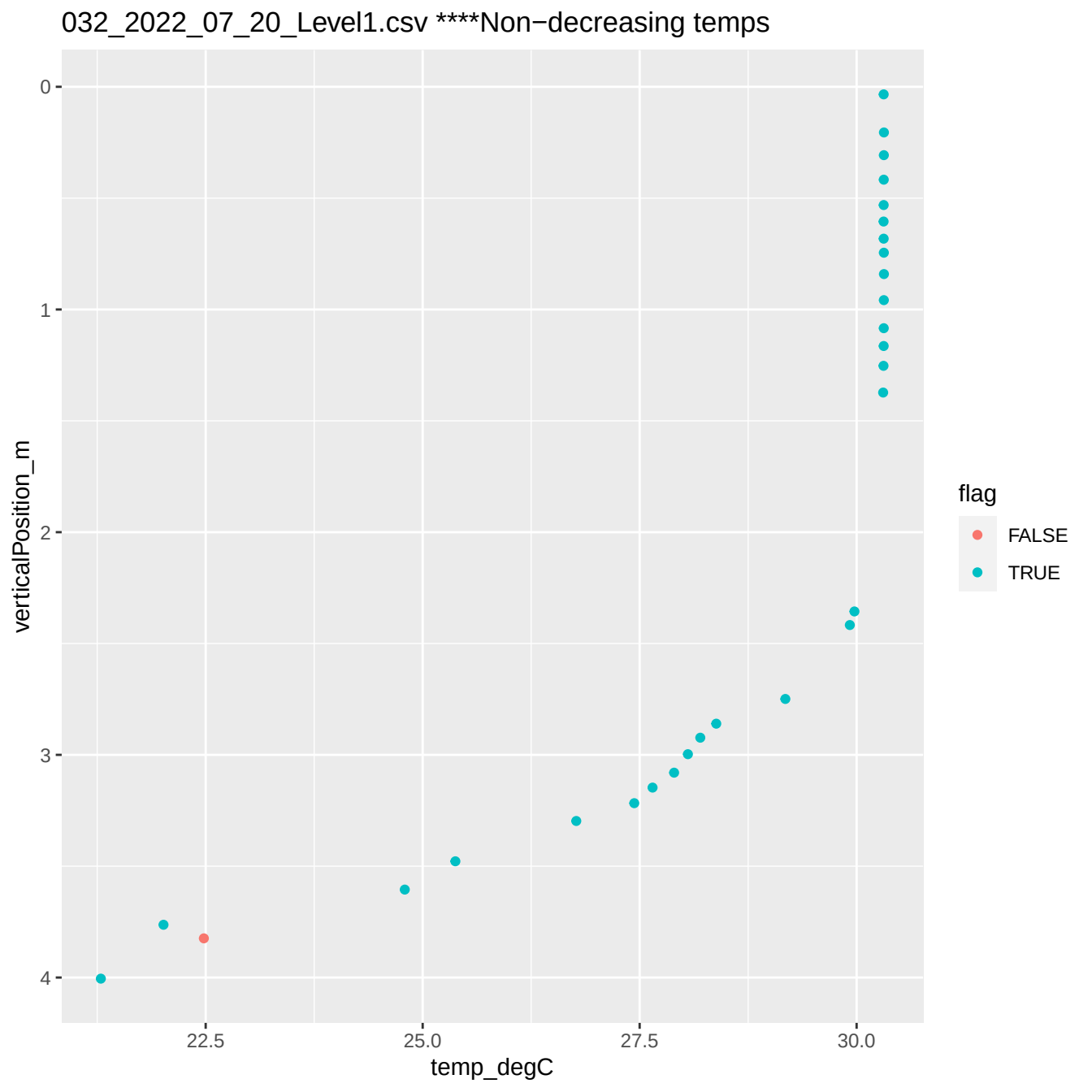

032_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
30
40
50
00
10
dateTime

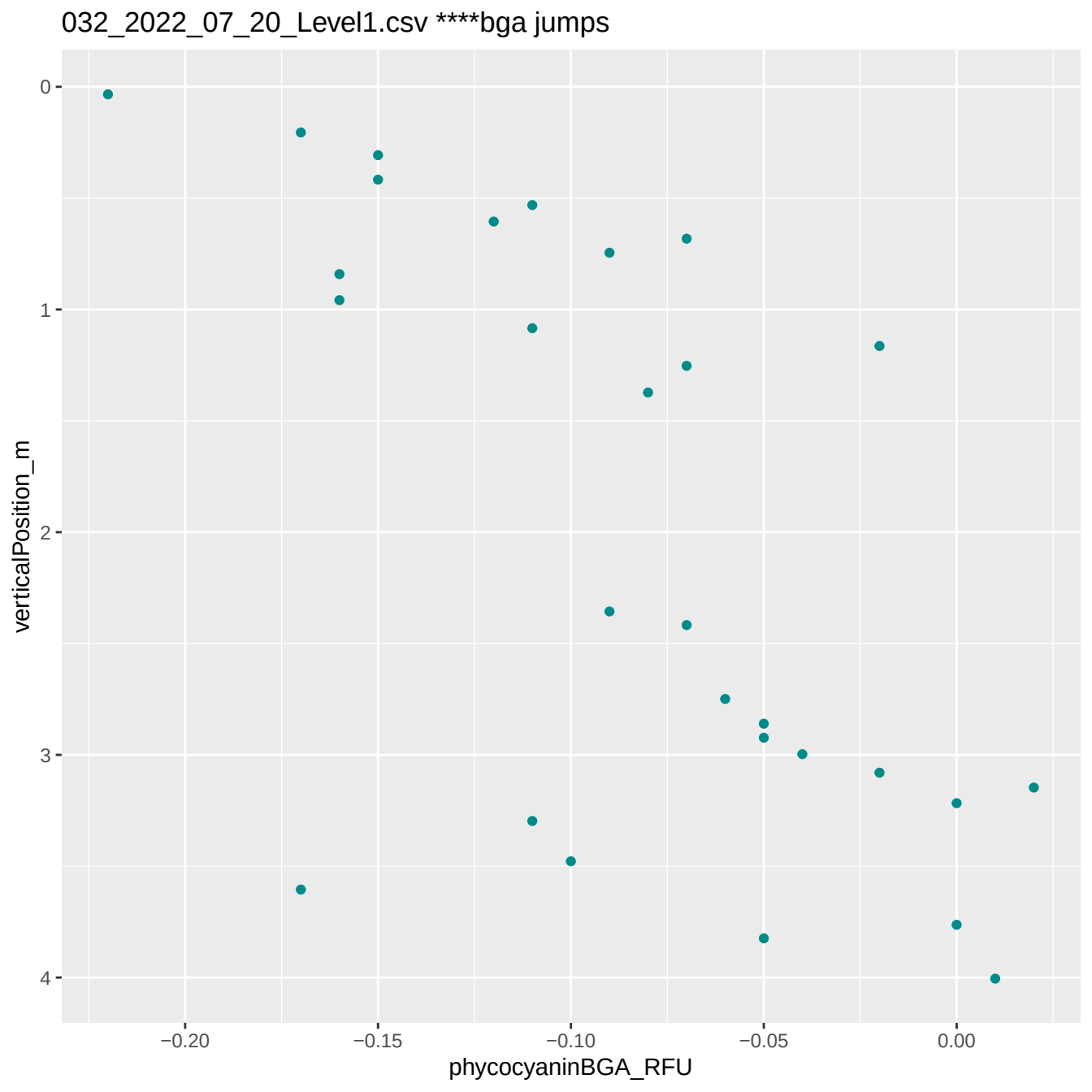

032_2022_06_02_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
0.0
0.4
0.8
phycocyaninBGA_RFU

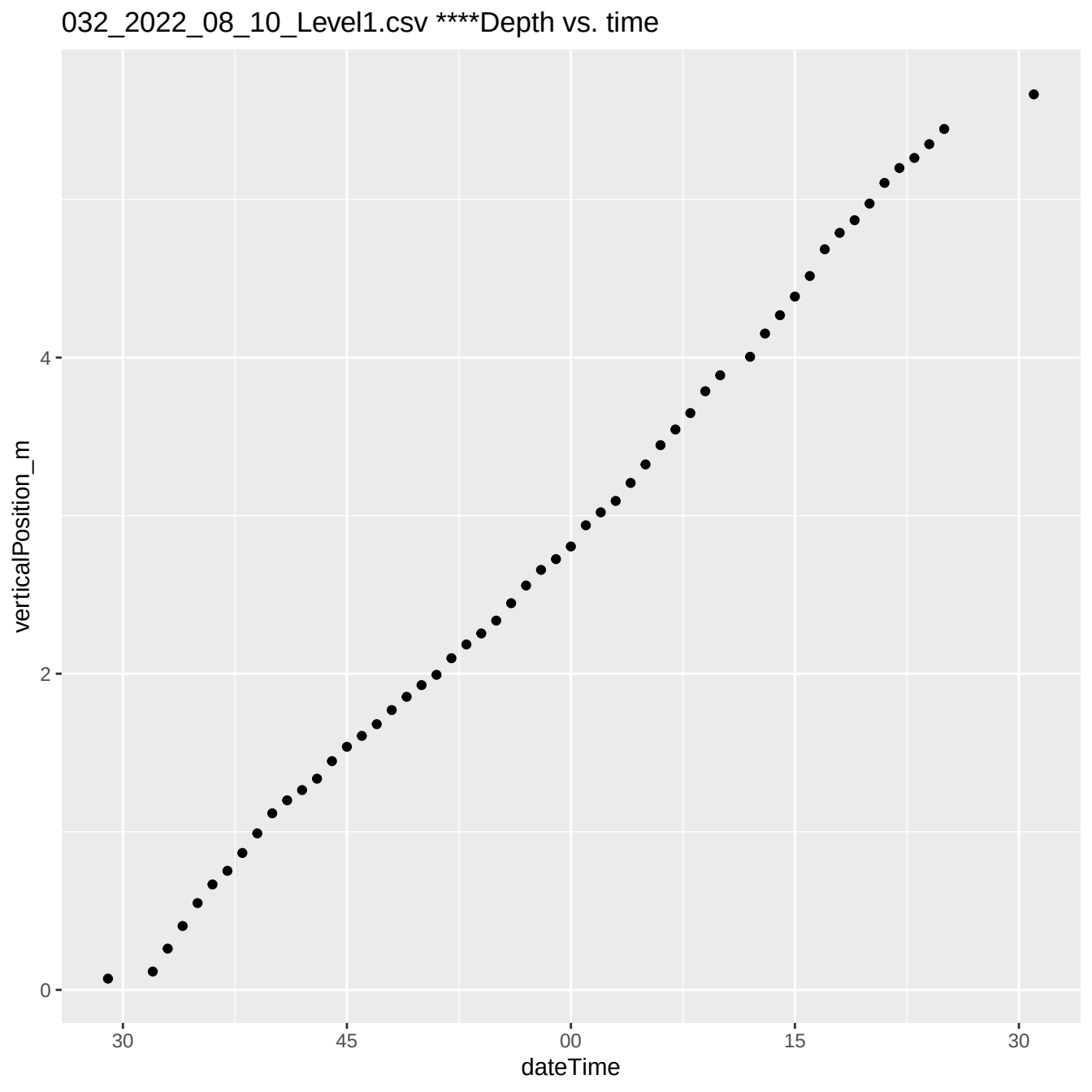

032_2022_06_23_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
14:40:00
14:40:30
14:41:00
dateTime

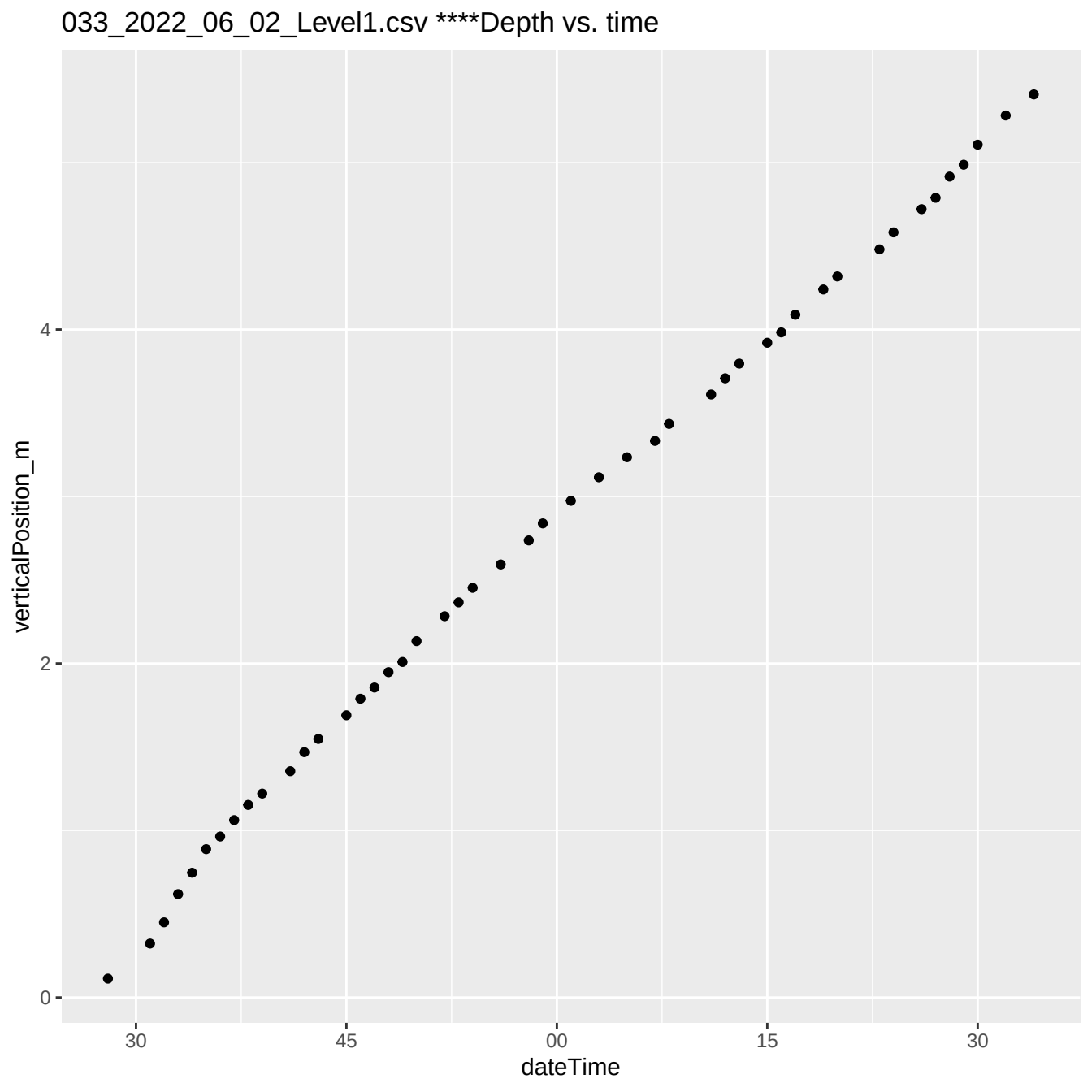

032_2022_07_20_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
30
45
00
15
30
dateTime

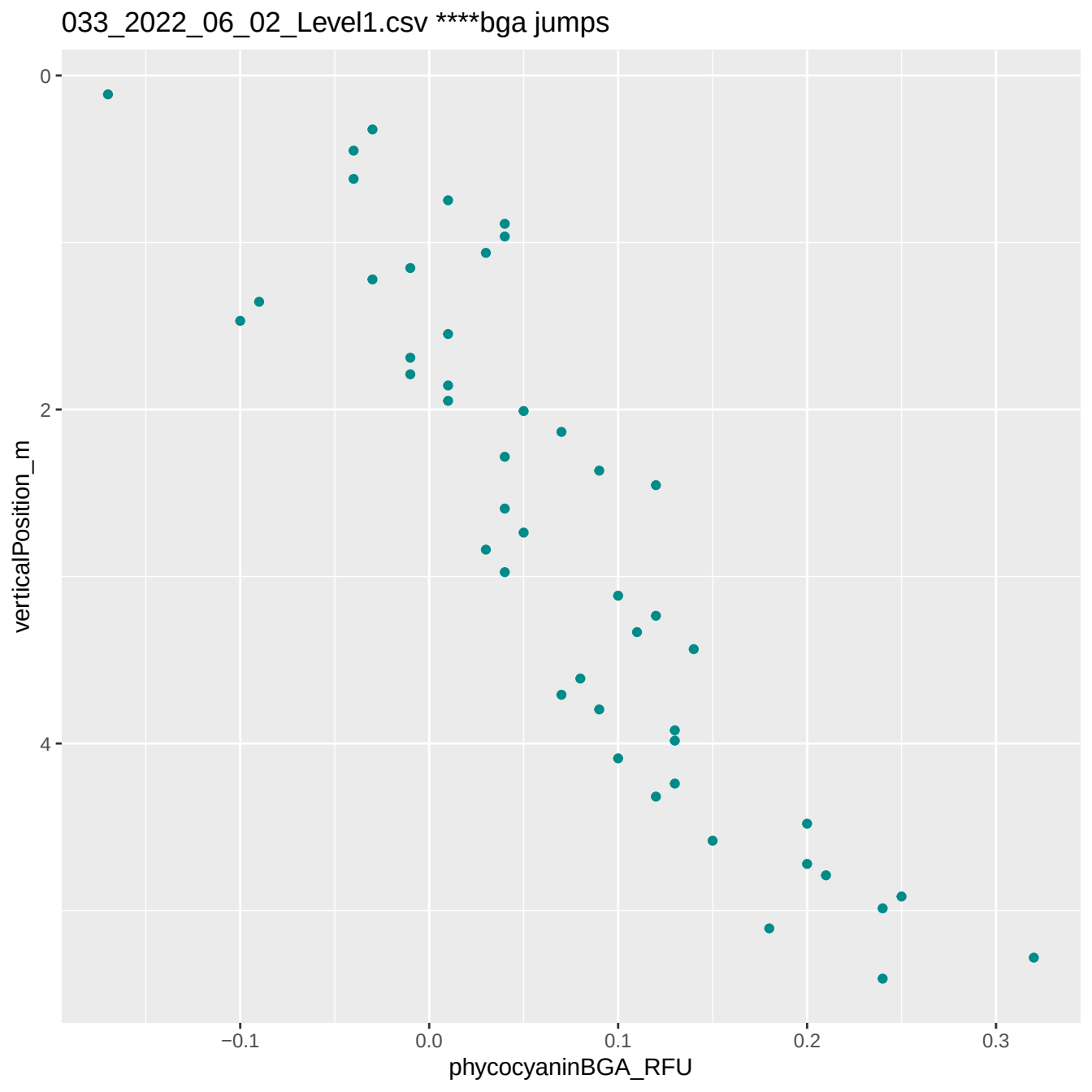

032_2022_07_20_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
995.5
996.0
996.5
997.0
997.5
998.0
waterDensity_kgpm3
flag
FALSE
TRUE

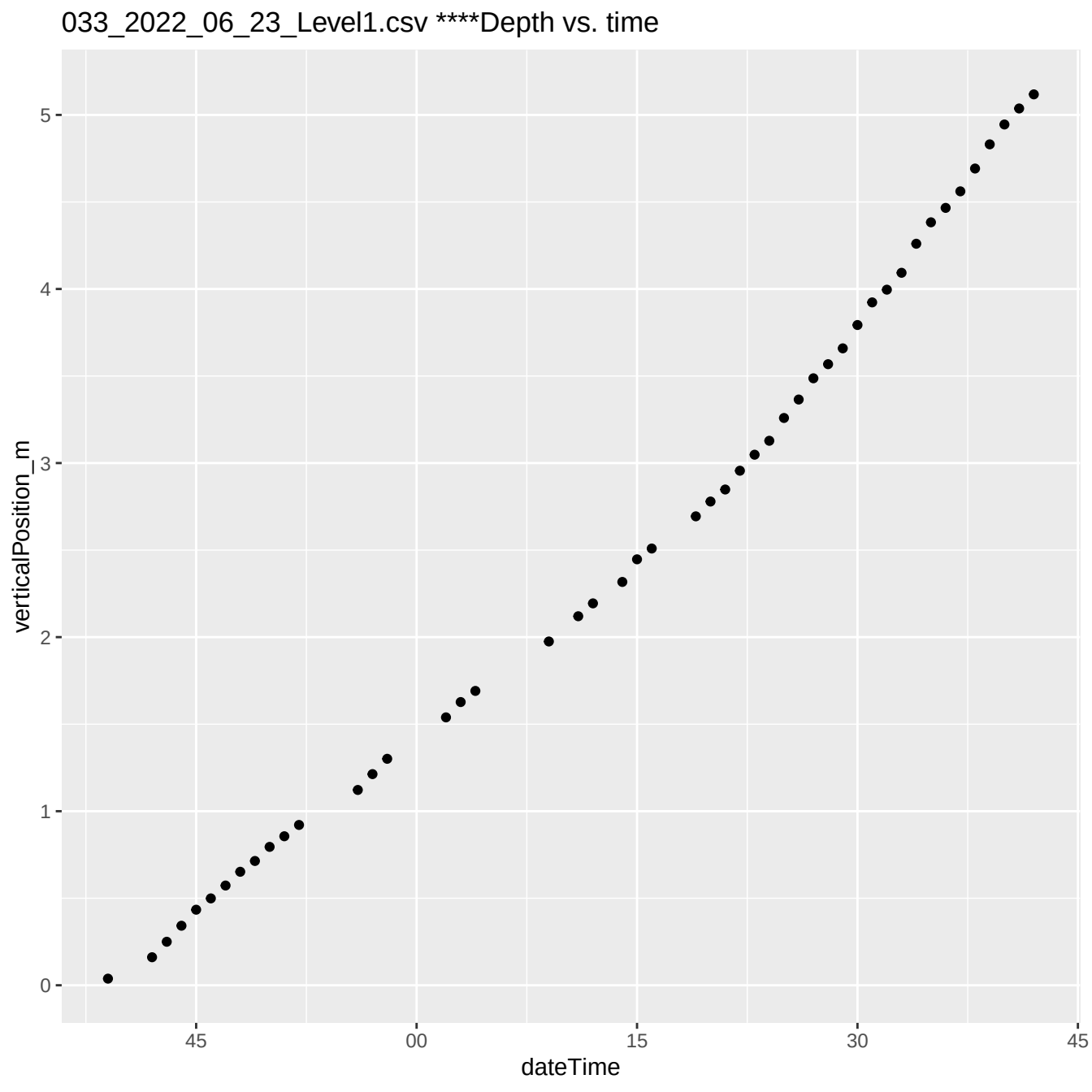

032_2022_07_20_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
temp_degC
22.5
25.0
27.5
30.0
flag
FALSE
TRUE

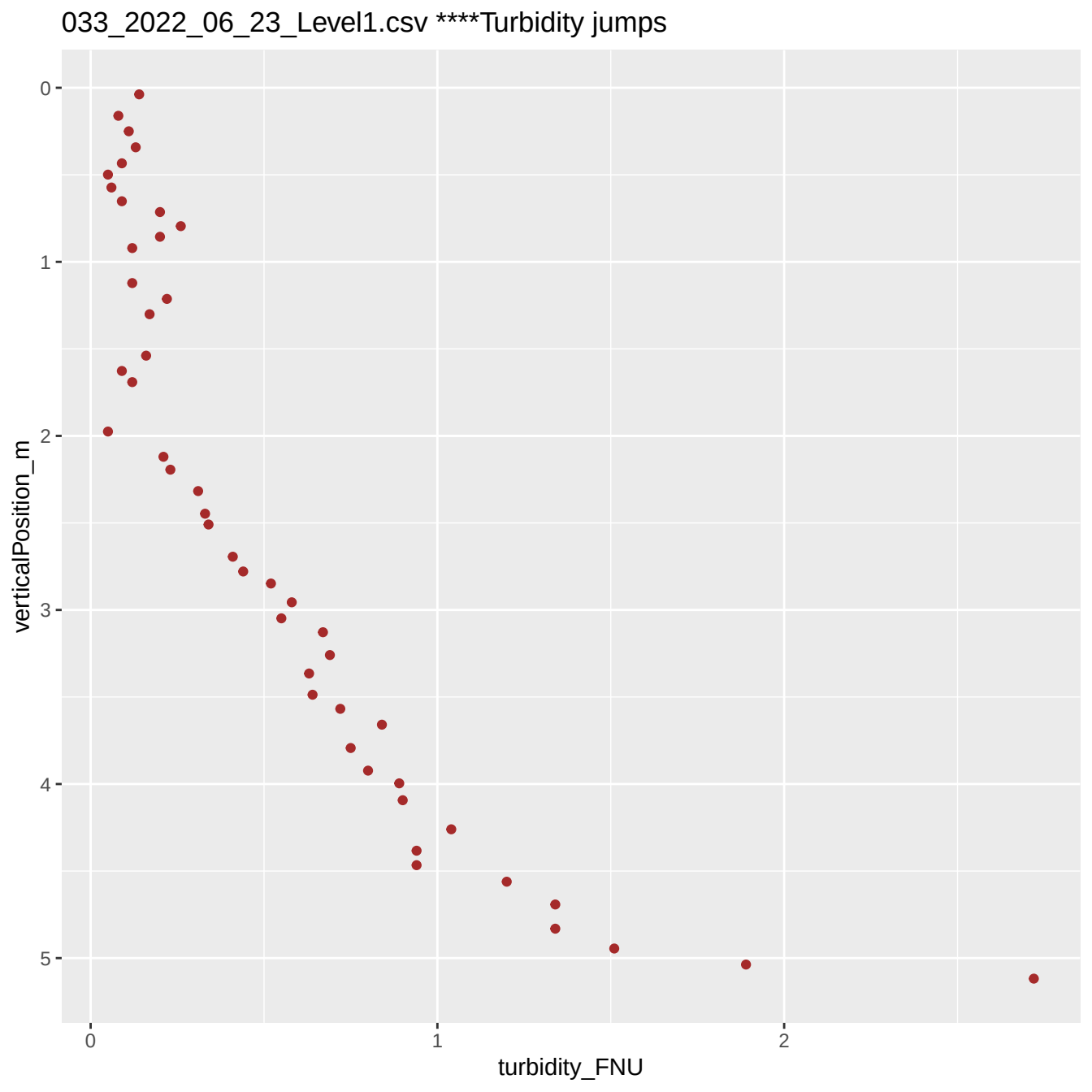

032_2022_07_20_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
−0.20
−0.15
−0.10
−0.05
0.00
phycocyaninBGA_RFU

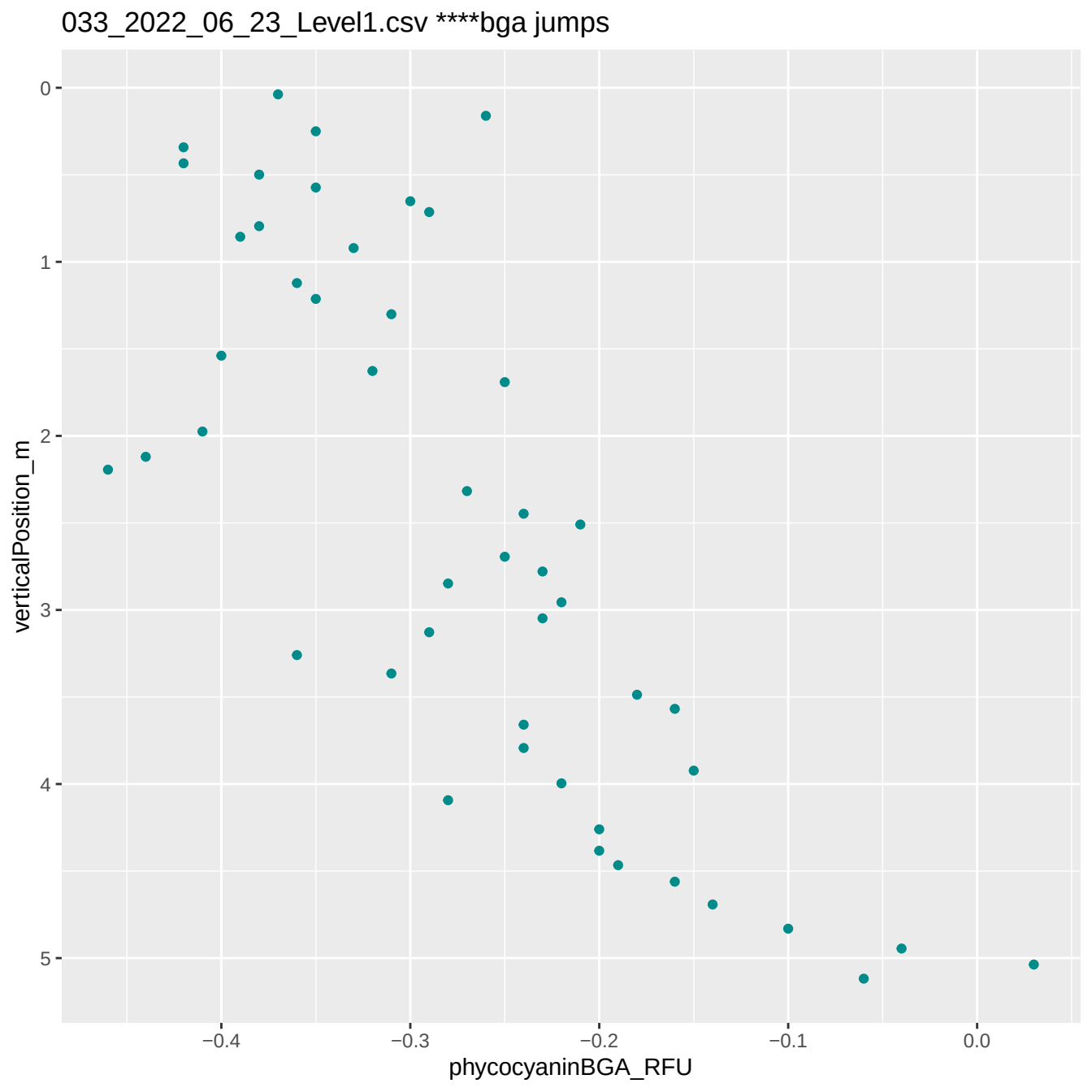

032_2022_08_10_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
30
45
00
15
30
dateTime

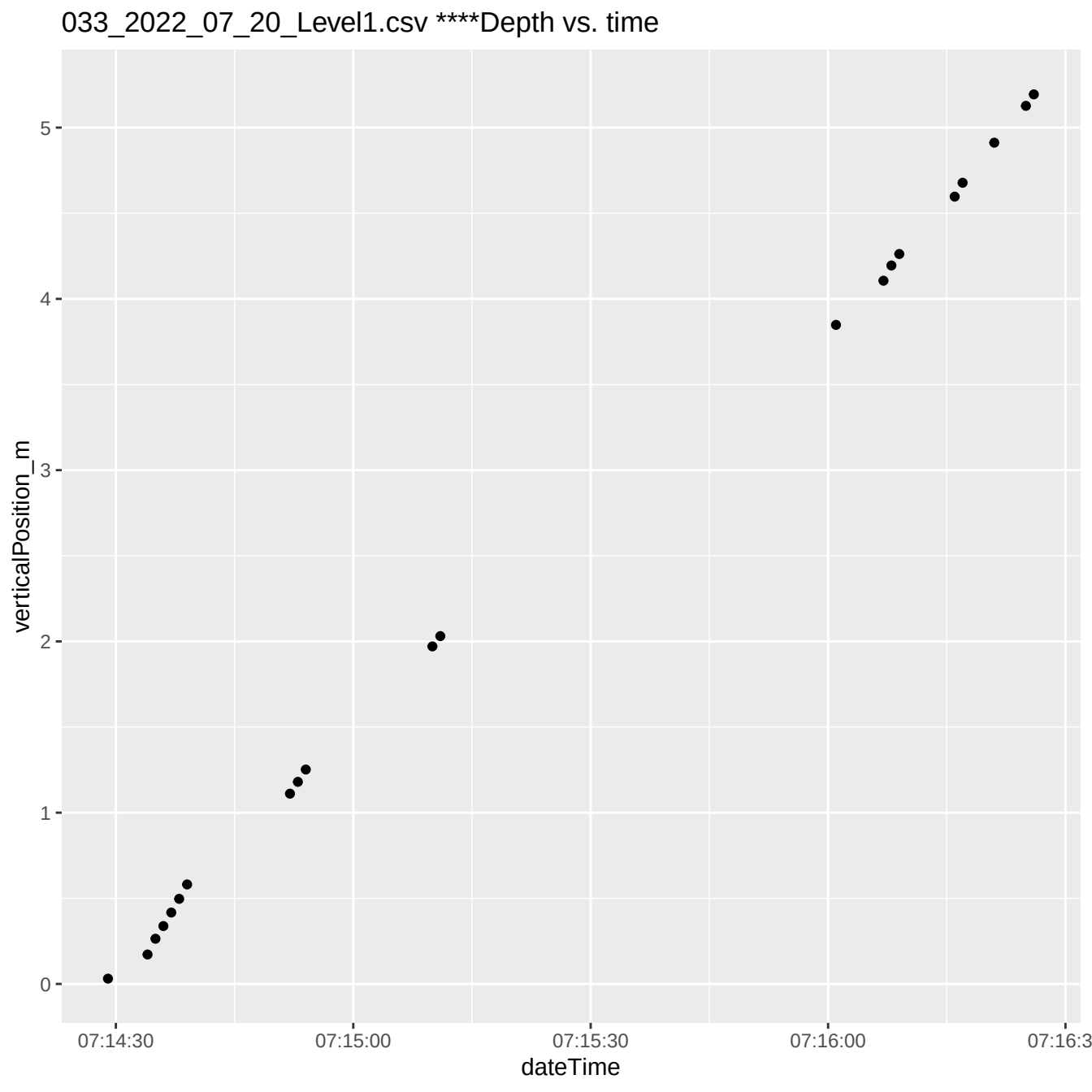

033_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
30
45
00
15
30
dateTime

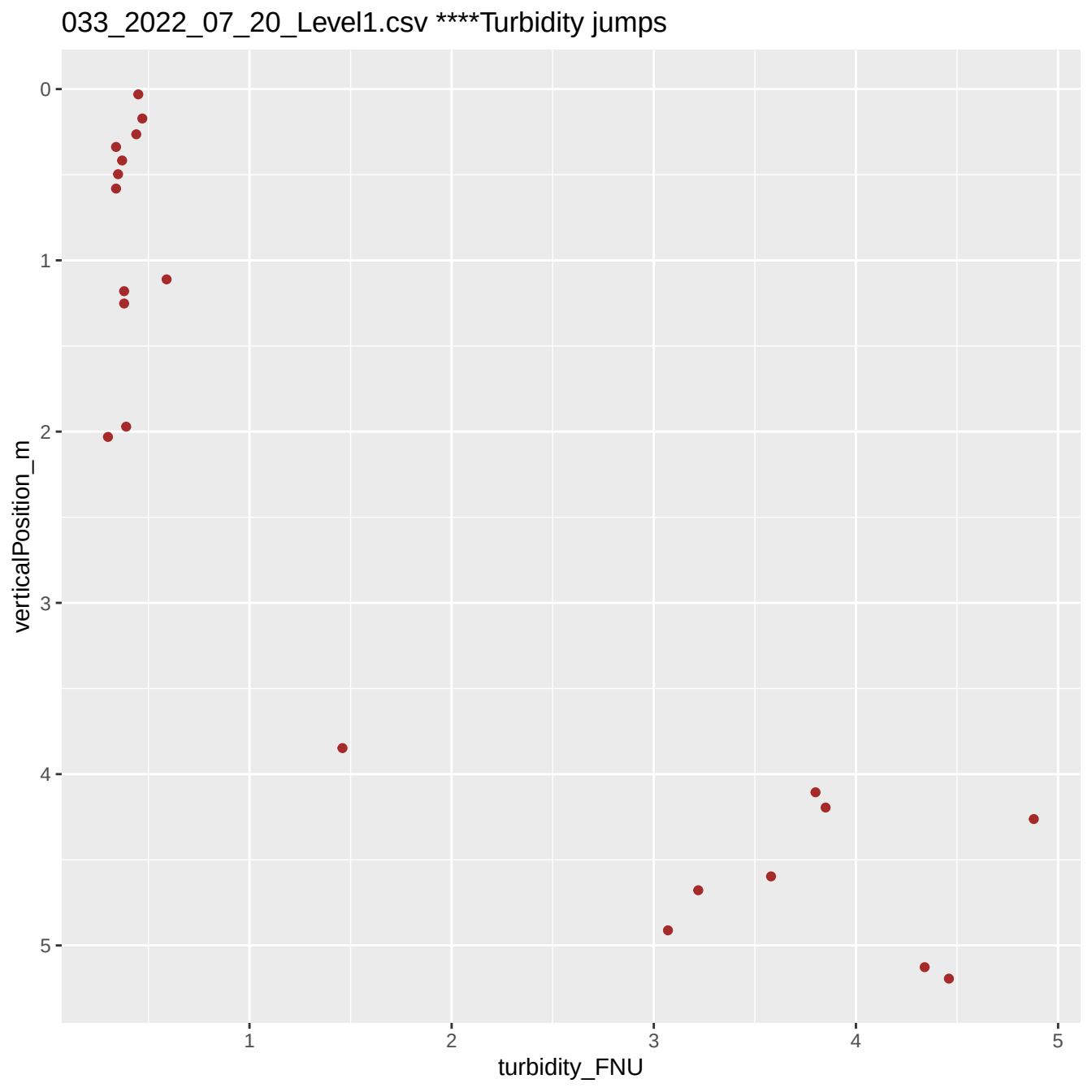

033_2022_06_02_Level1.csv ****bga jumps
0
2
4
verticalPosition_m
−0.1
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

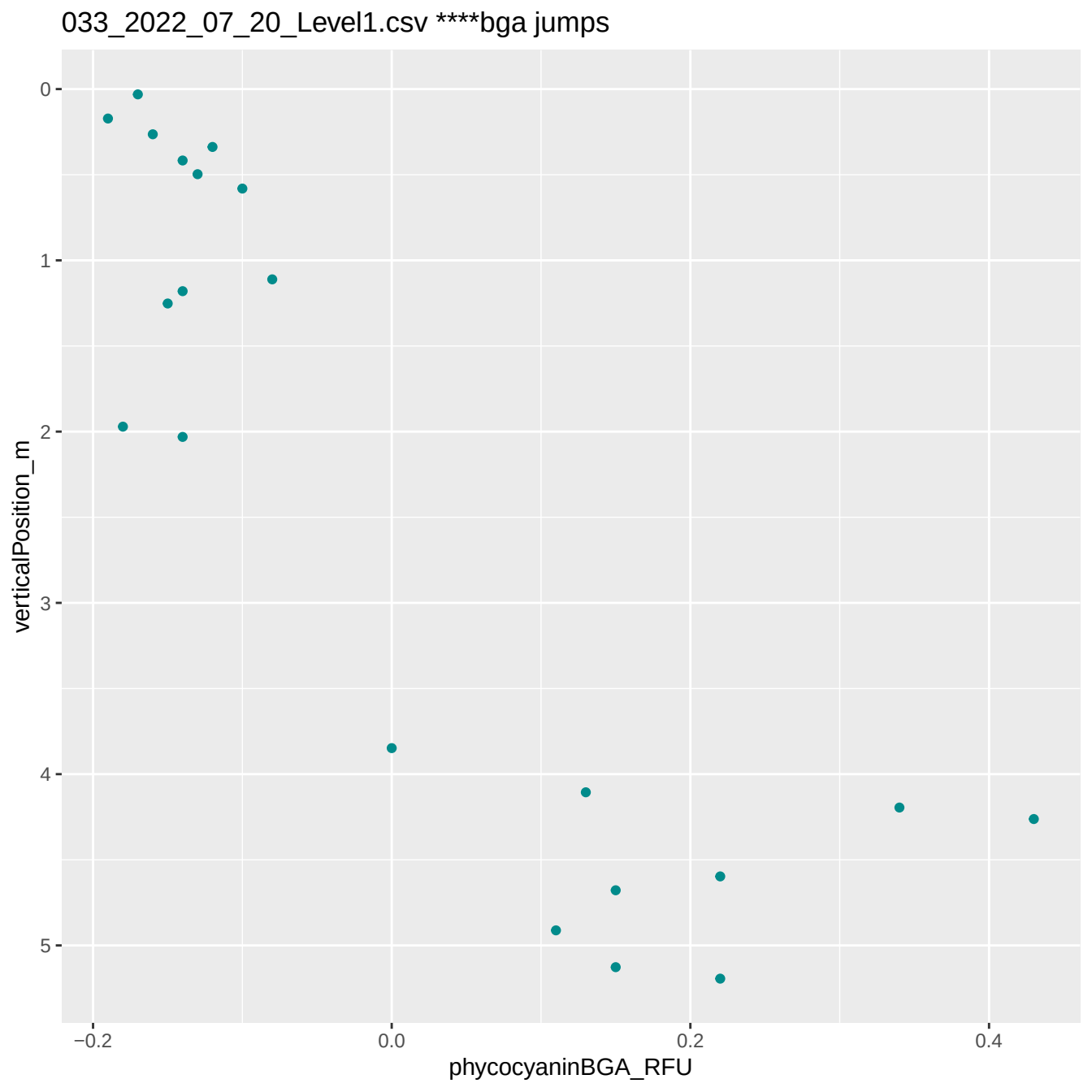

033_2022_06_23_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
45
00
15
30
45
dateTime

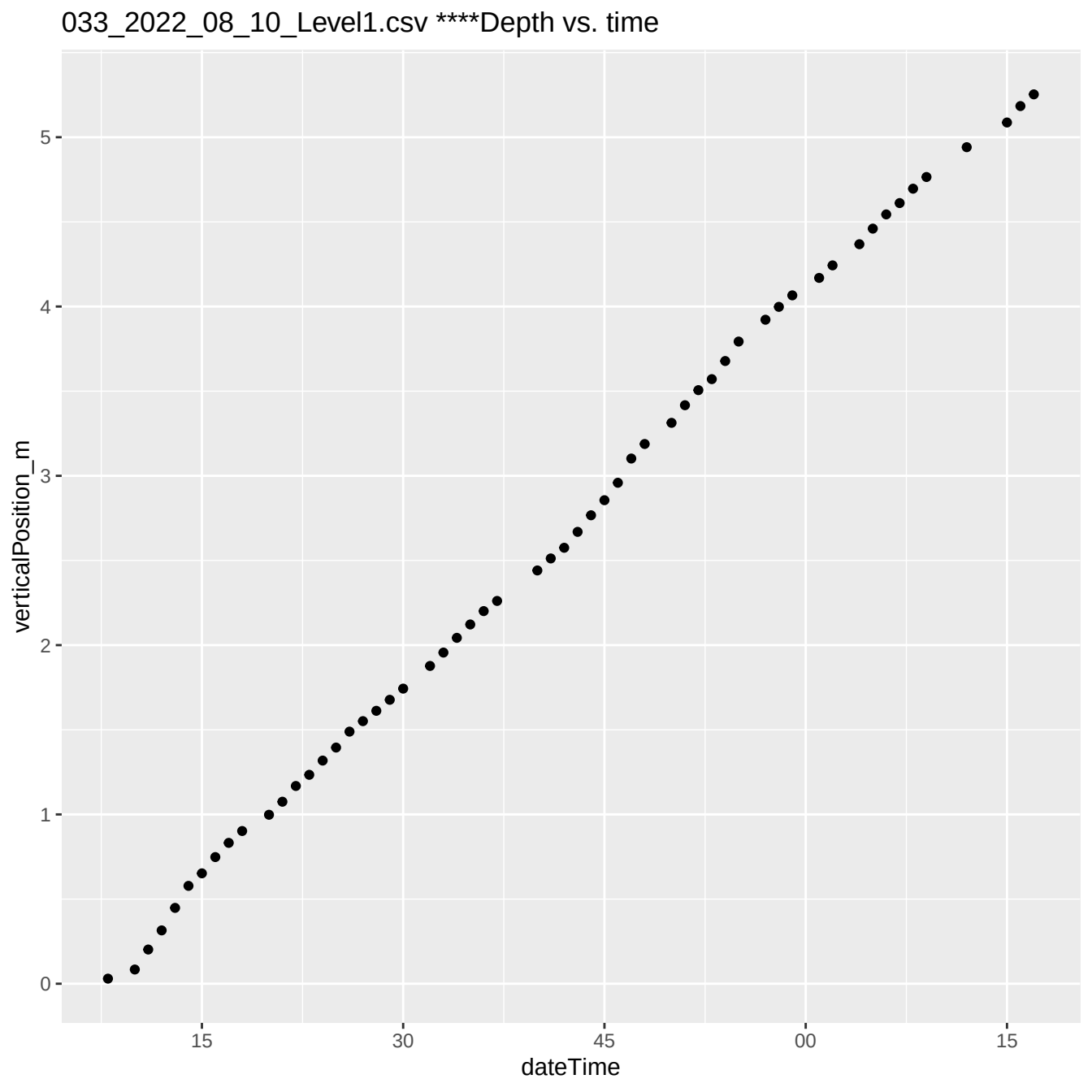

033_2022_06_23_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
turbidity_FNU
0
1
2

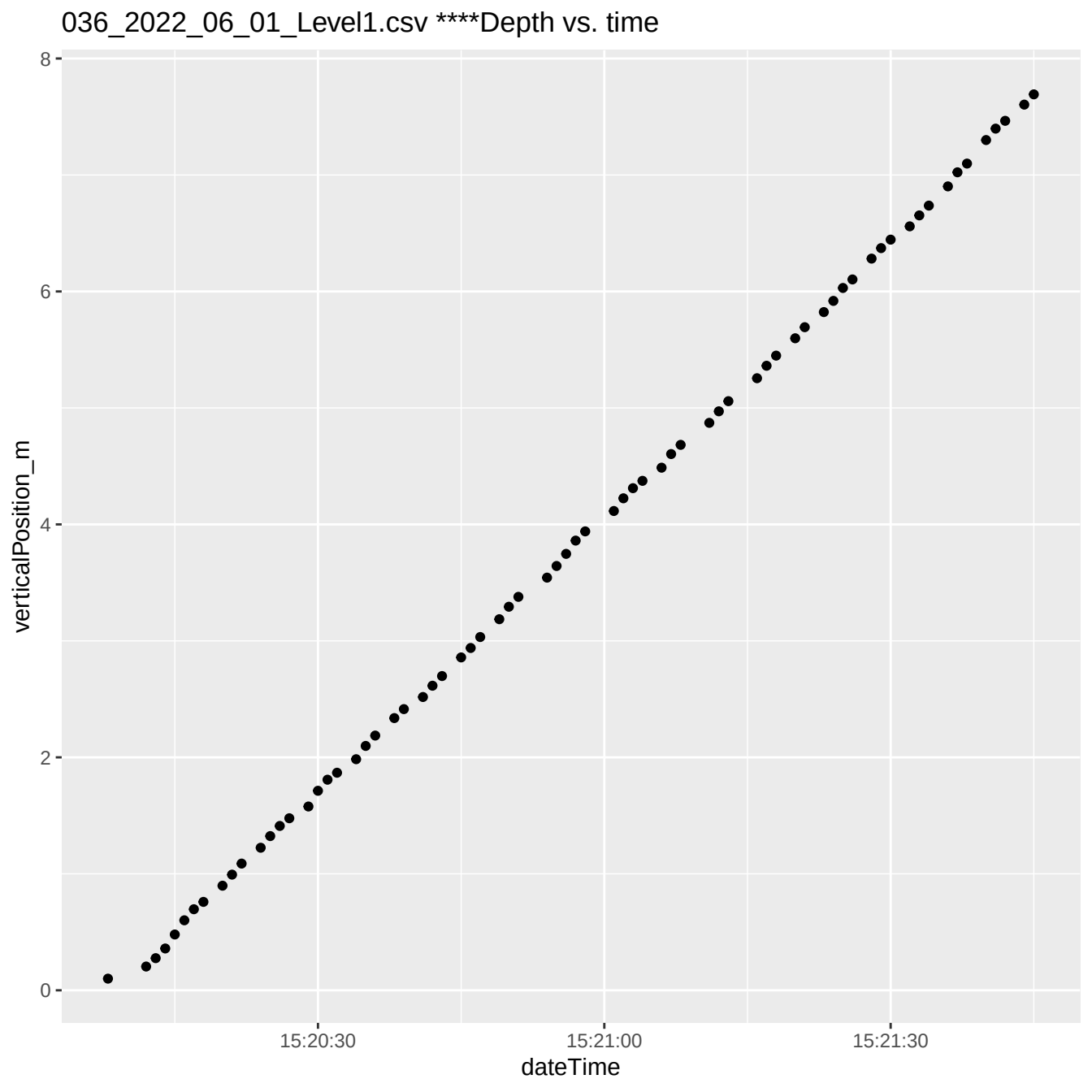

033_2022_06_23_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
−0.4
−0.3
−0.2
−0.1
0.0
phycocyaninBGA_RFU

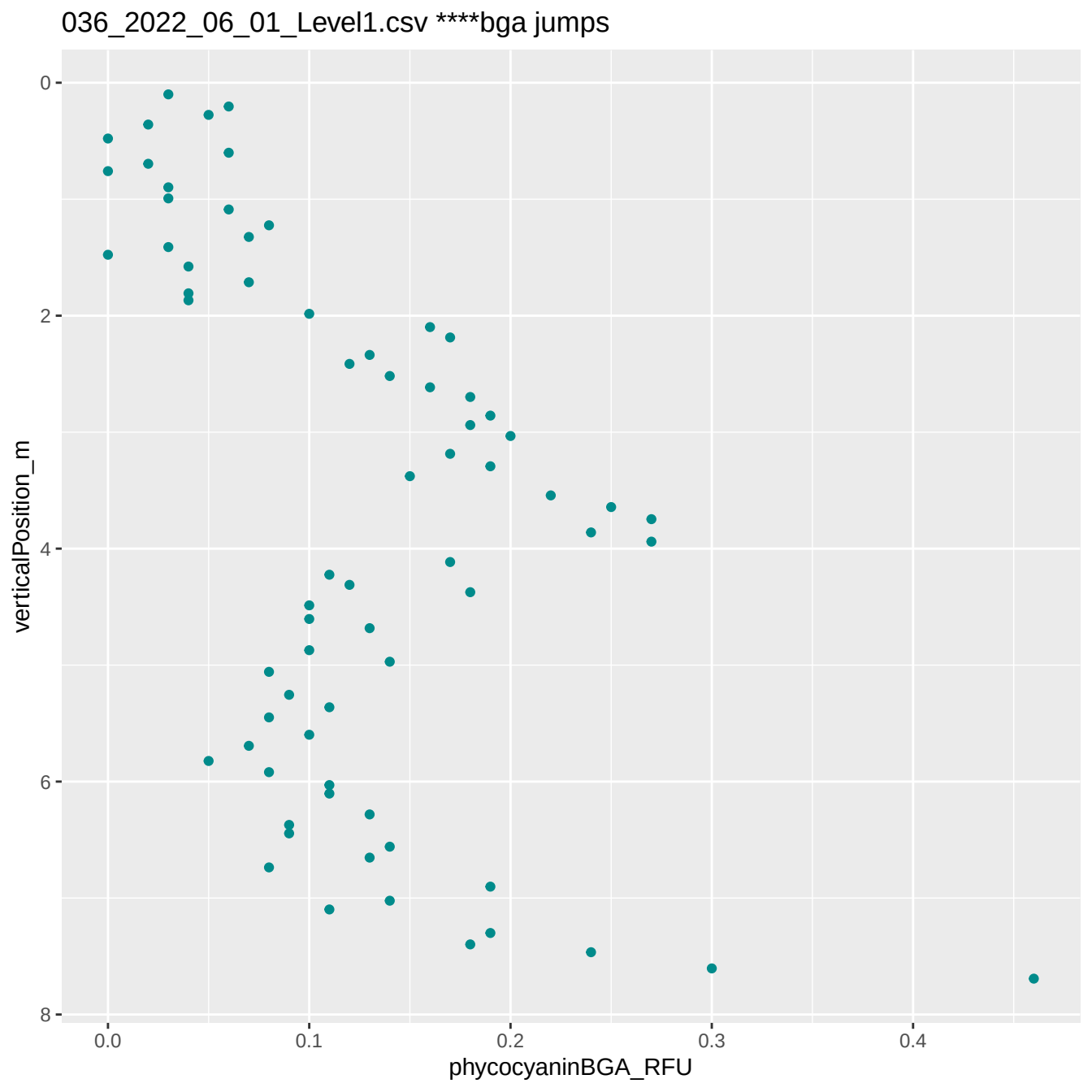

033_2022_07_20_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
07:14:30
07:15:00
07:15:30
07:16:00
dateTime

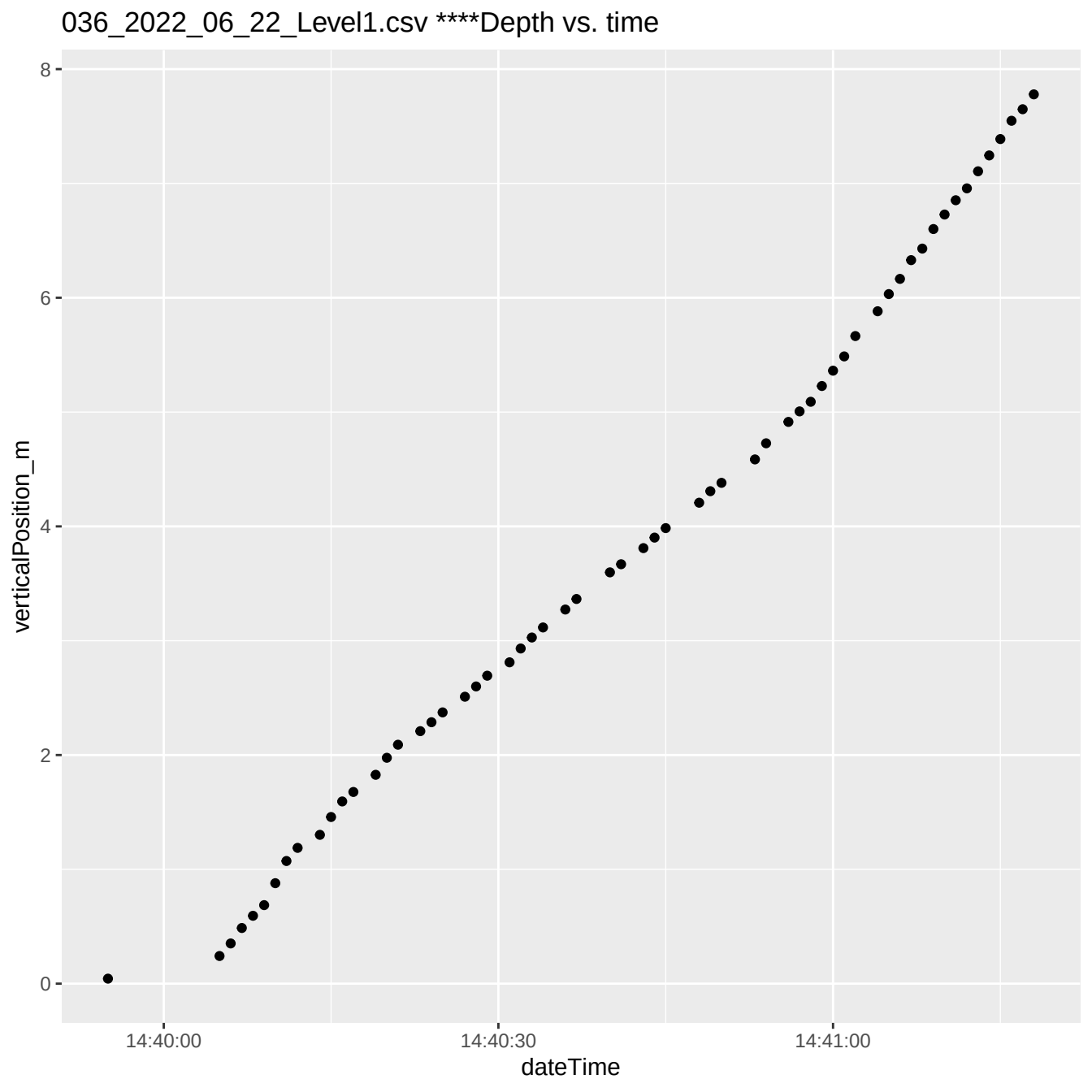

033_2022_07_20_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
turbidity_FNU
1
2
3
4
5

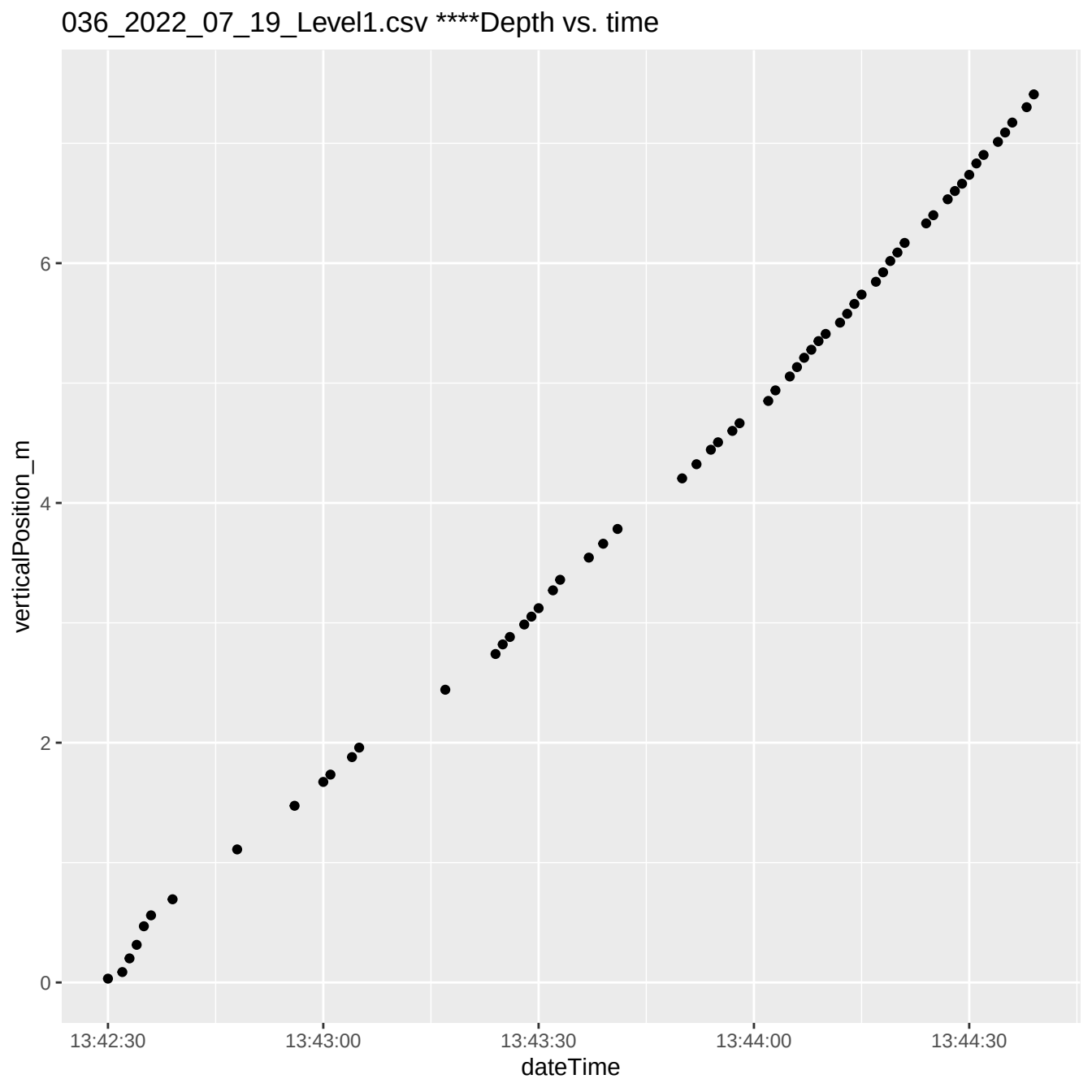

033_2022_07_20_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
−0.2
0.0
0.2
0.4
phycocyaninBGA_RFU

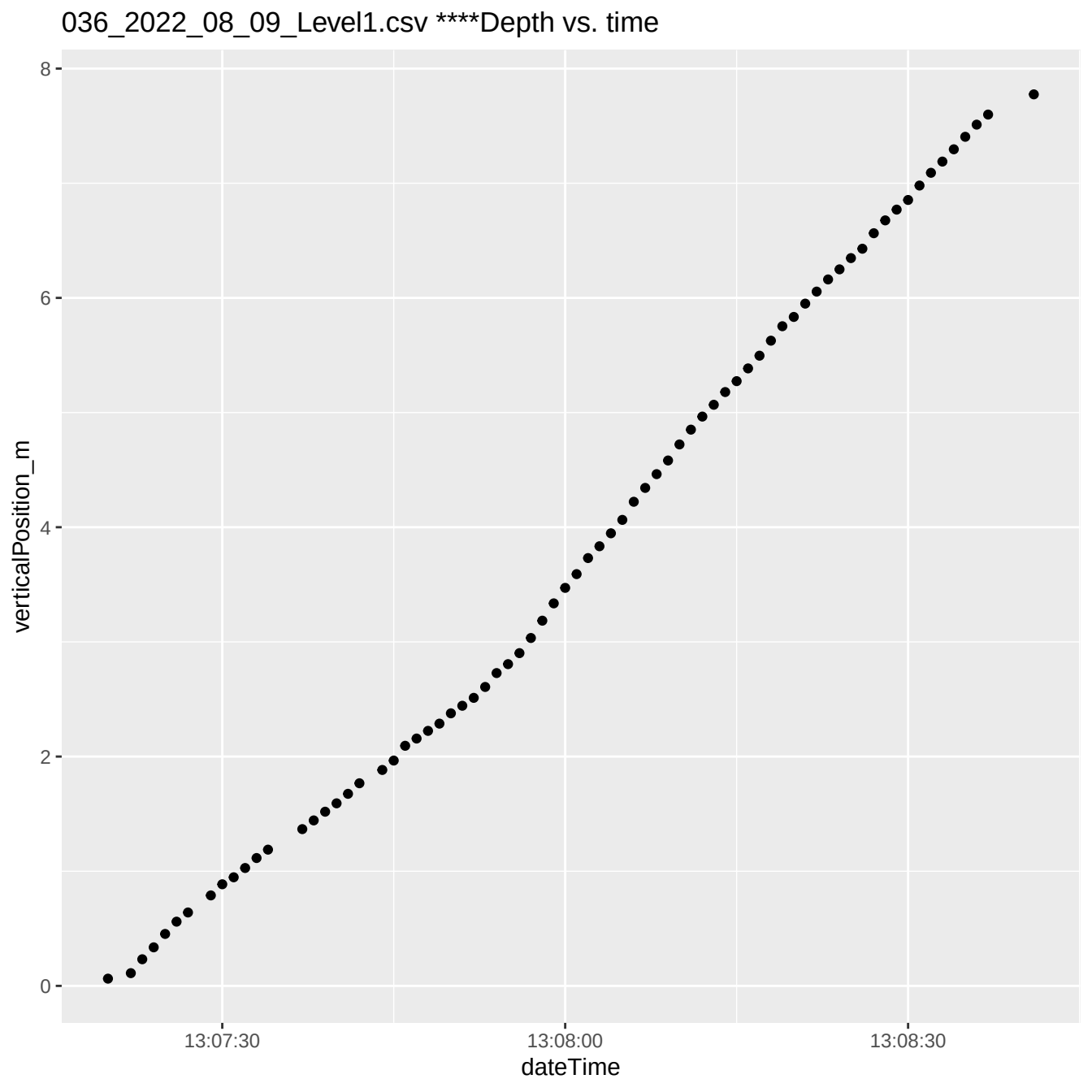

033_2022_08_10_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
15
30
45
00
15
dateTime

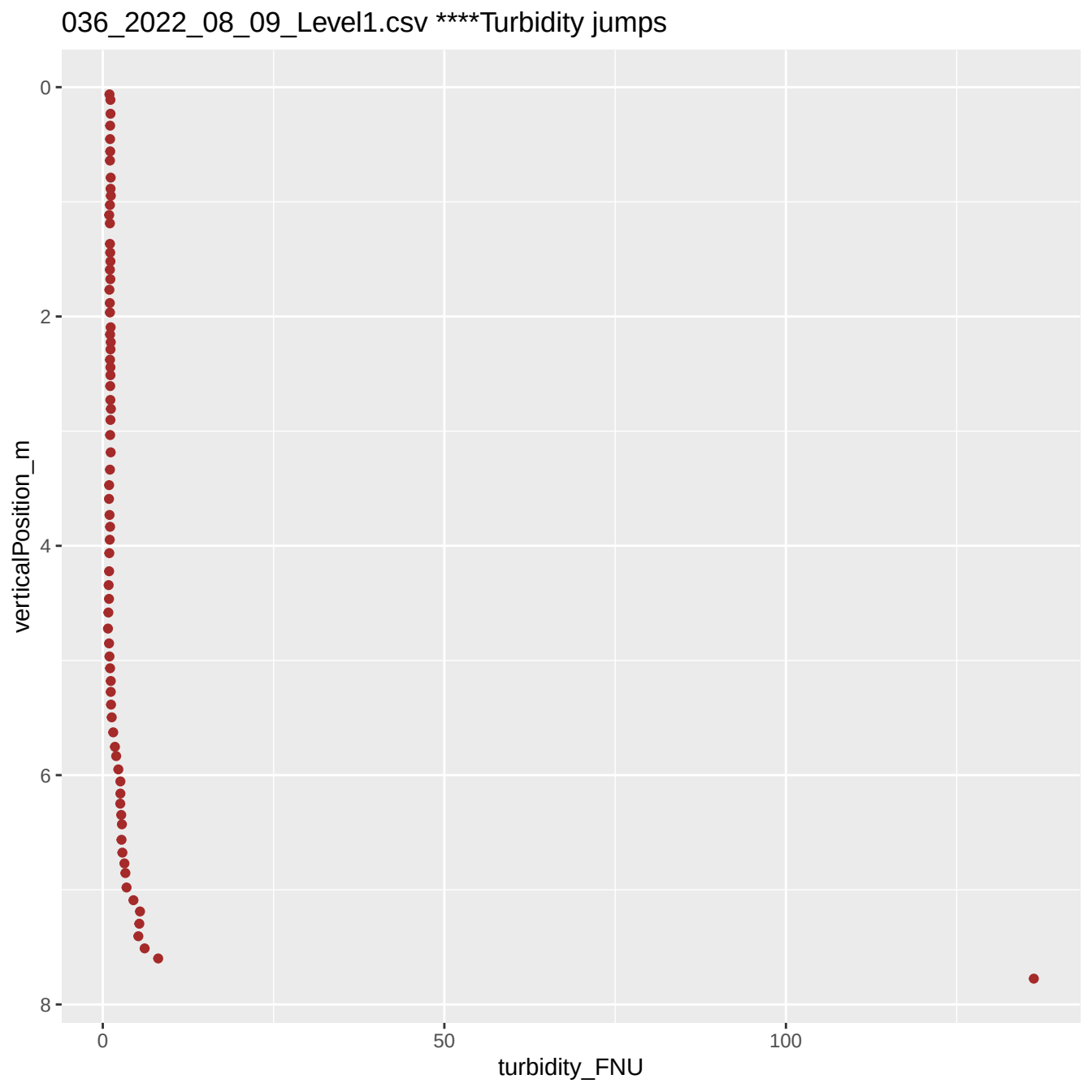

036_2022_06_01_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
15:20:30
15:21:00
15:21:30
dateTime

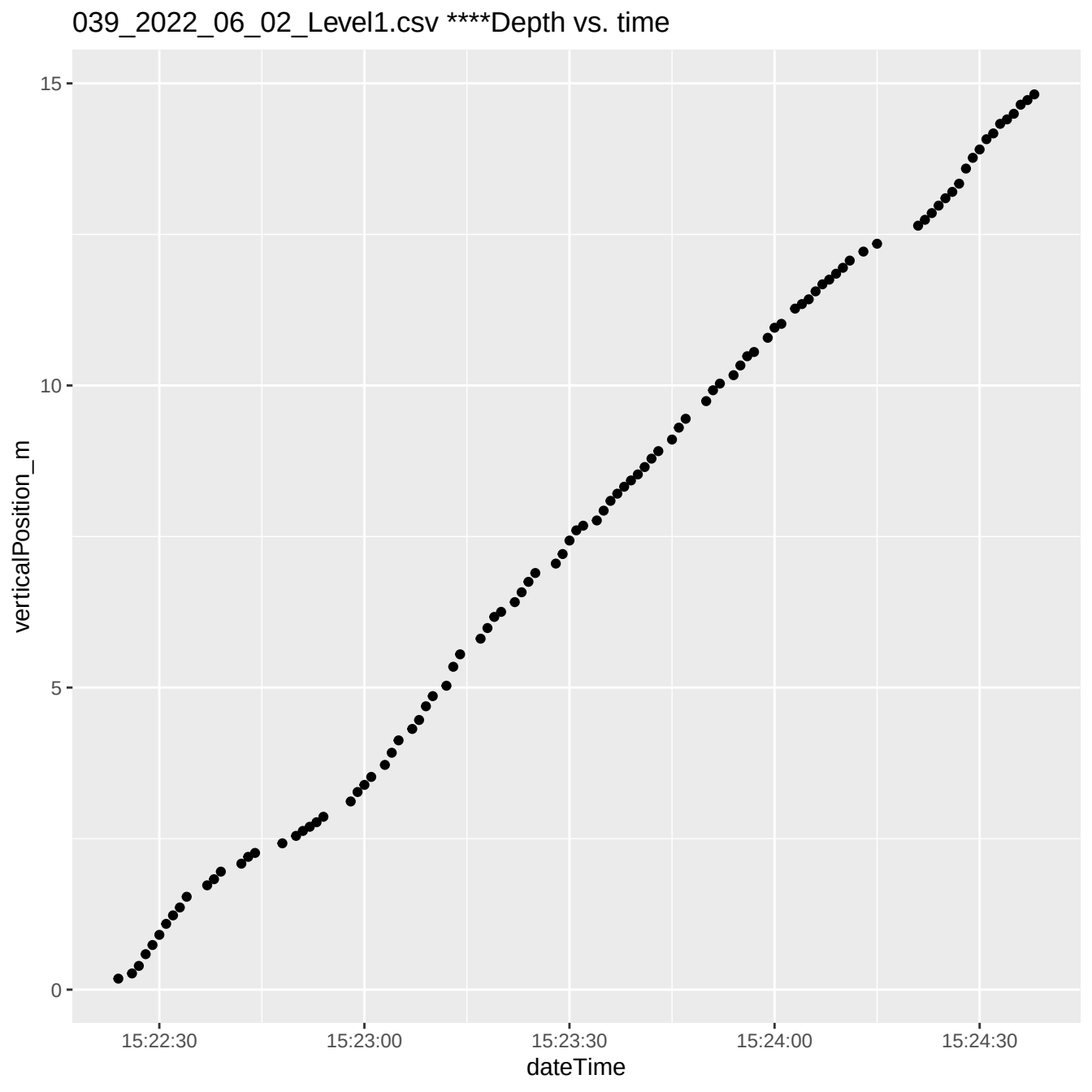

036_2022_06_01_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
0.0
0.1
0.2
0.3
0.4
phycocyaninBGA_RFU

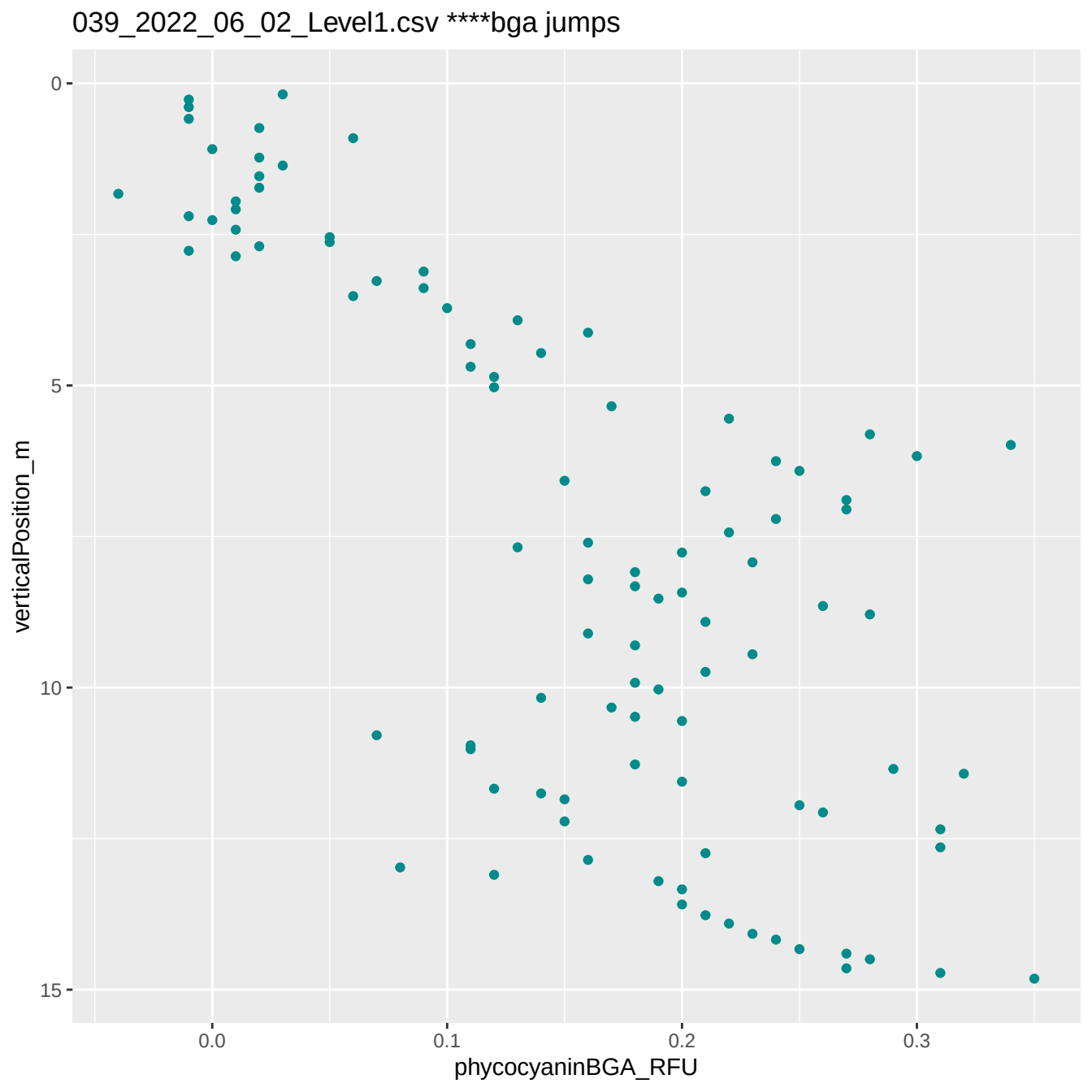

036_2022_06_22_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
14:40:00
14:40:30
14:41:00
dateTime

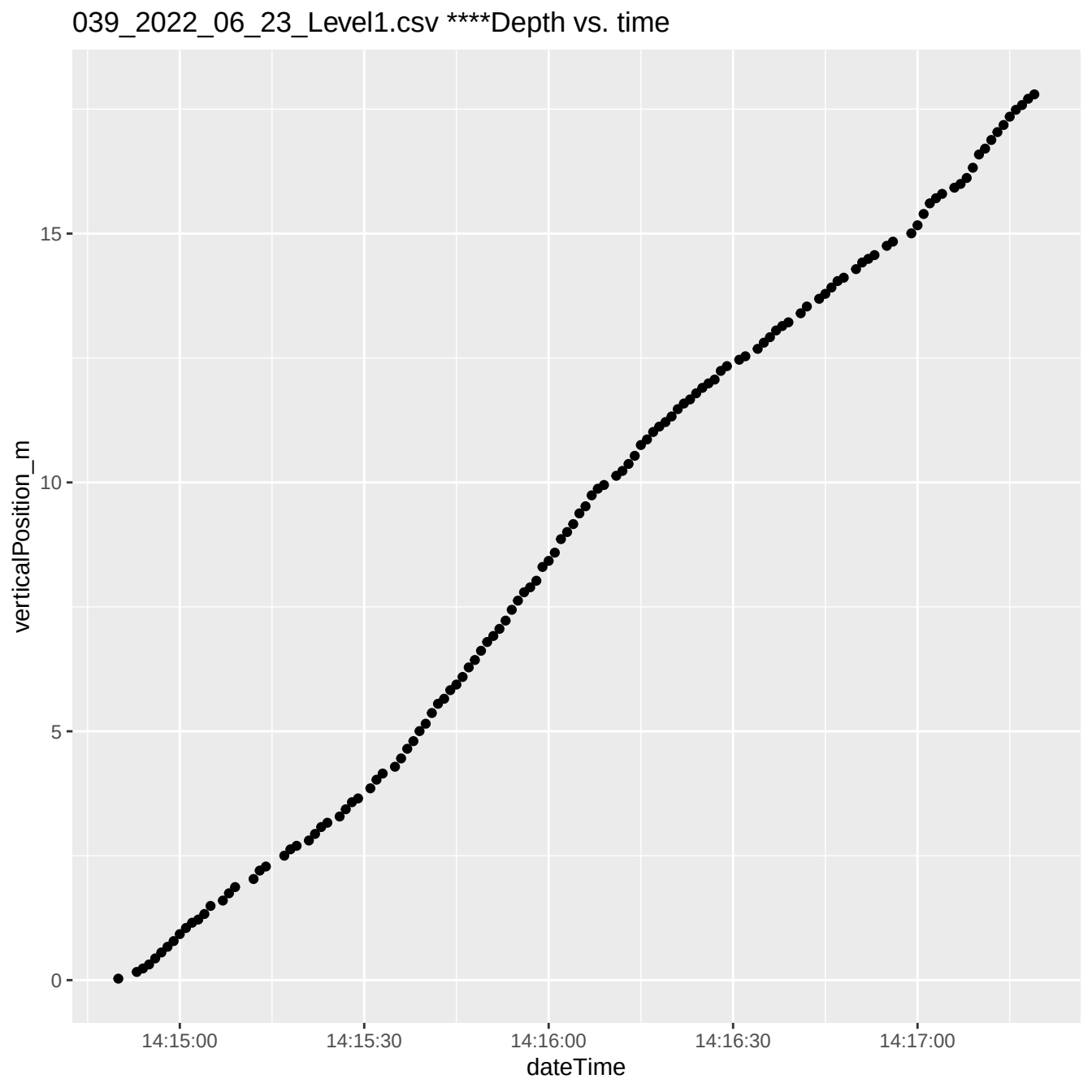

036_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:42:30
13:43:00
13:43:30
13:44:00
13:44:30
dateTime

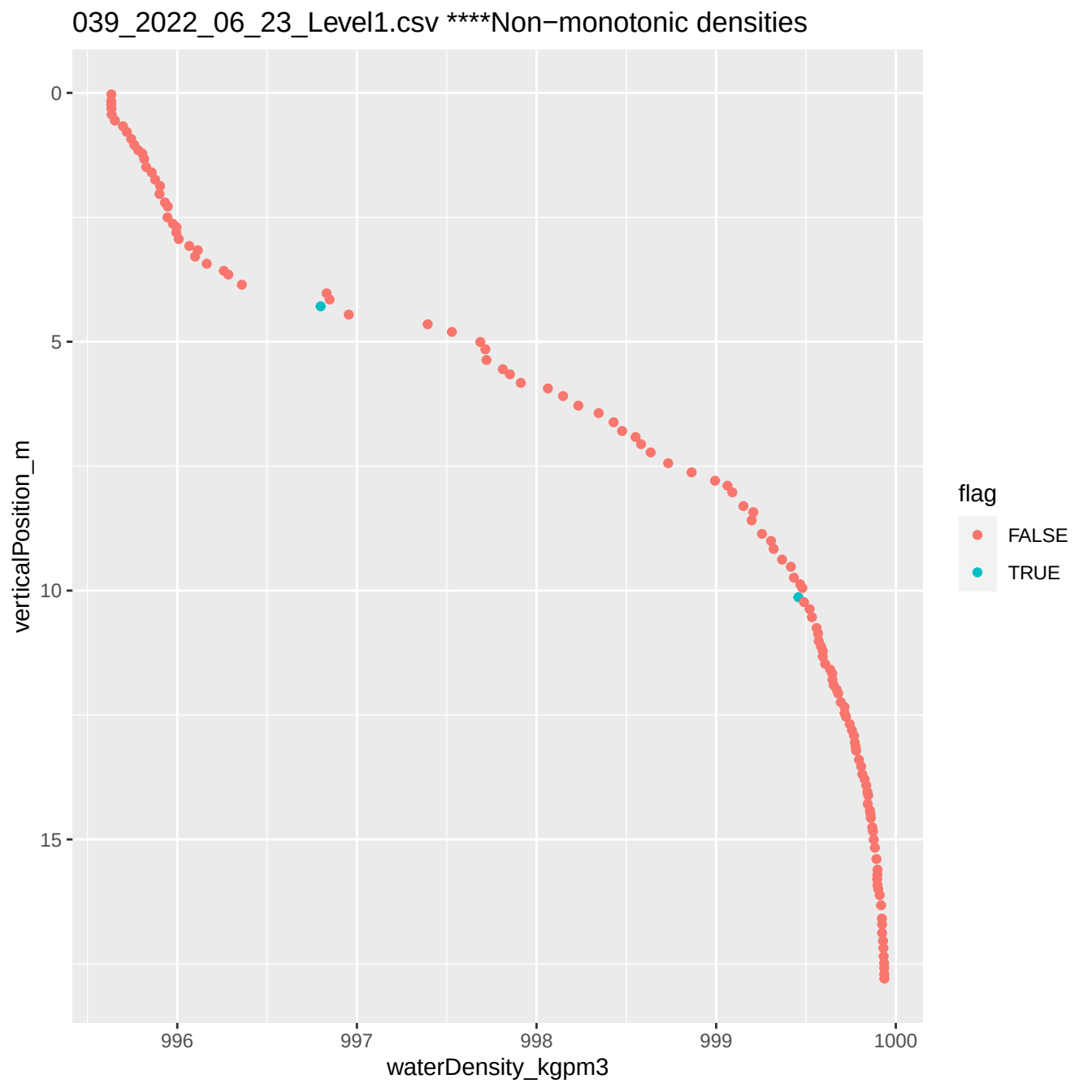

036_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
13:07:30
13:08:00
13:08:30
dateTime

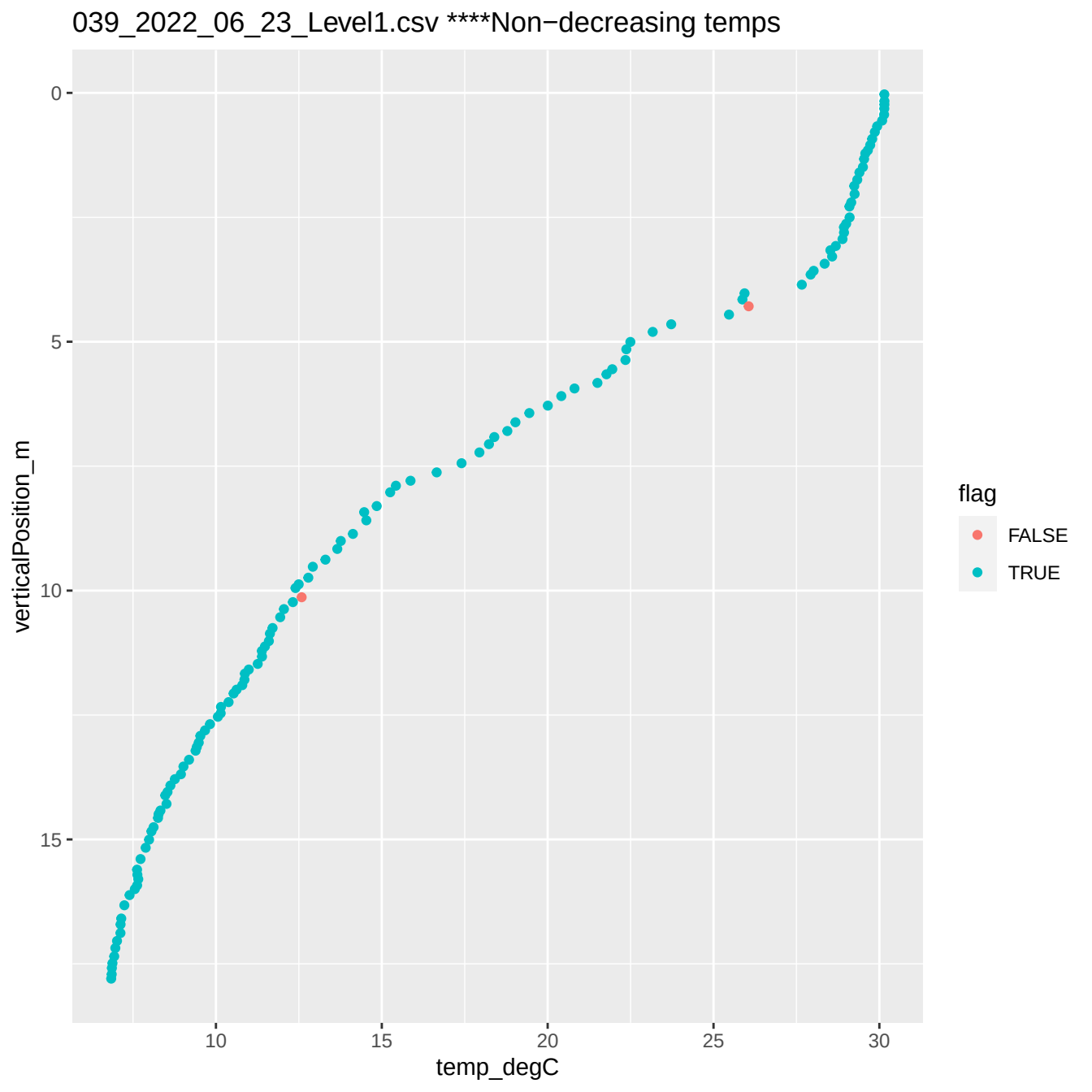

036_2022_08_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
0
50
100
turbidity_FNU

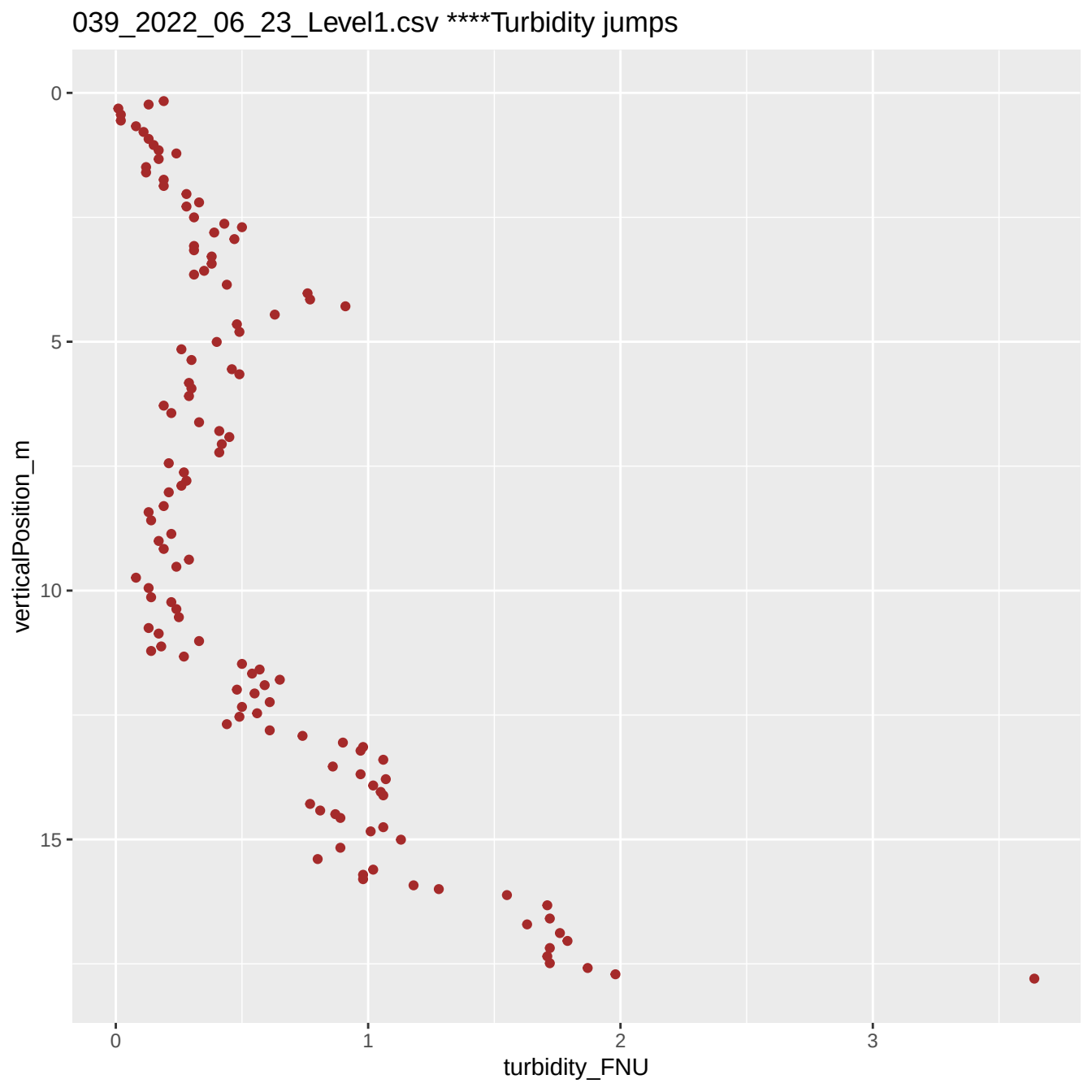

039_2022_06_02_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
15:22:30
15:23:00
15:23:30
15:24:00
15:24:30
dateTime

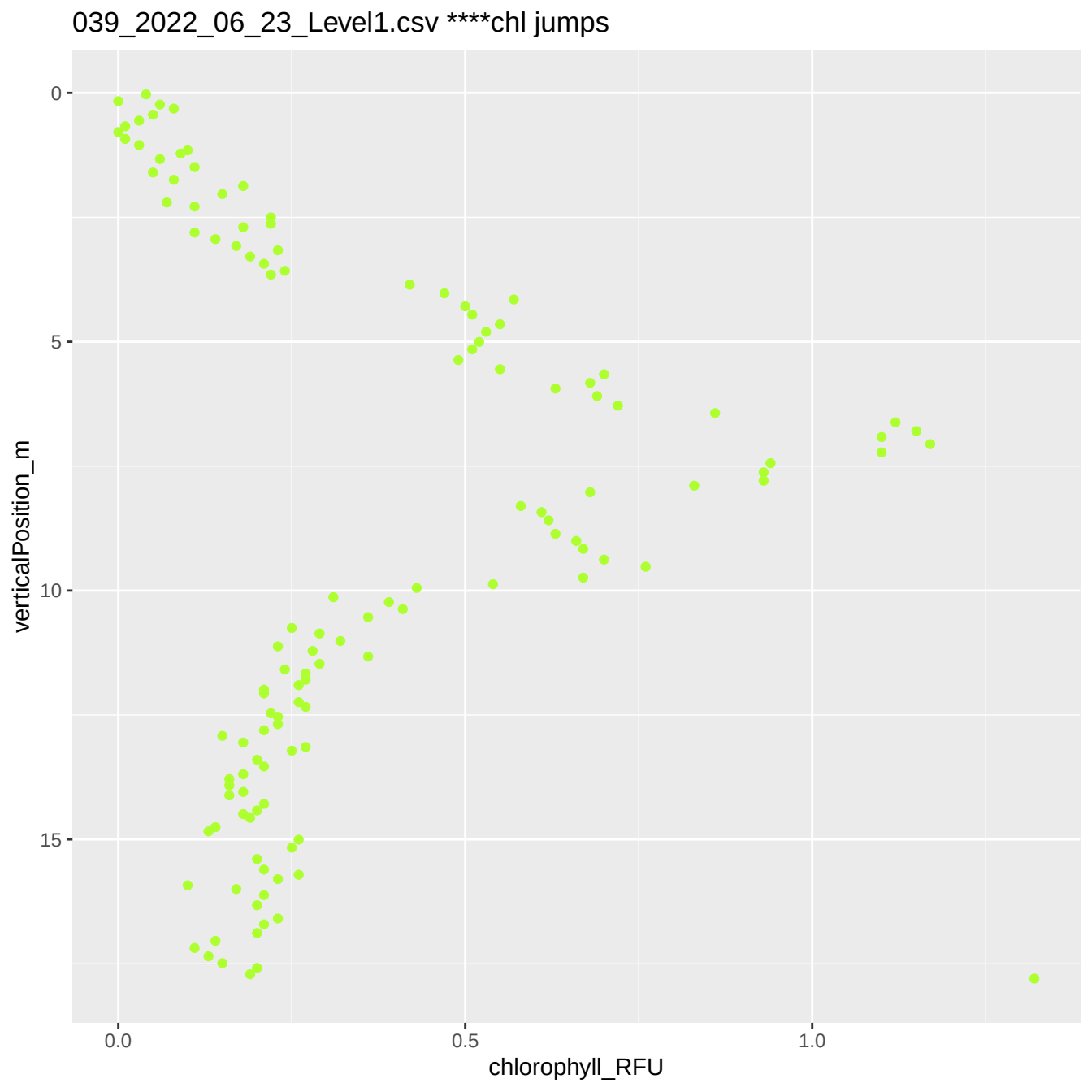

039_2022_06_02_Level1.csv ****bga jumps
0
5
10
15
verticalPosition_m
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

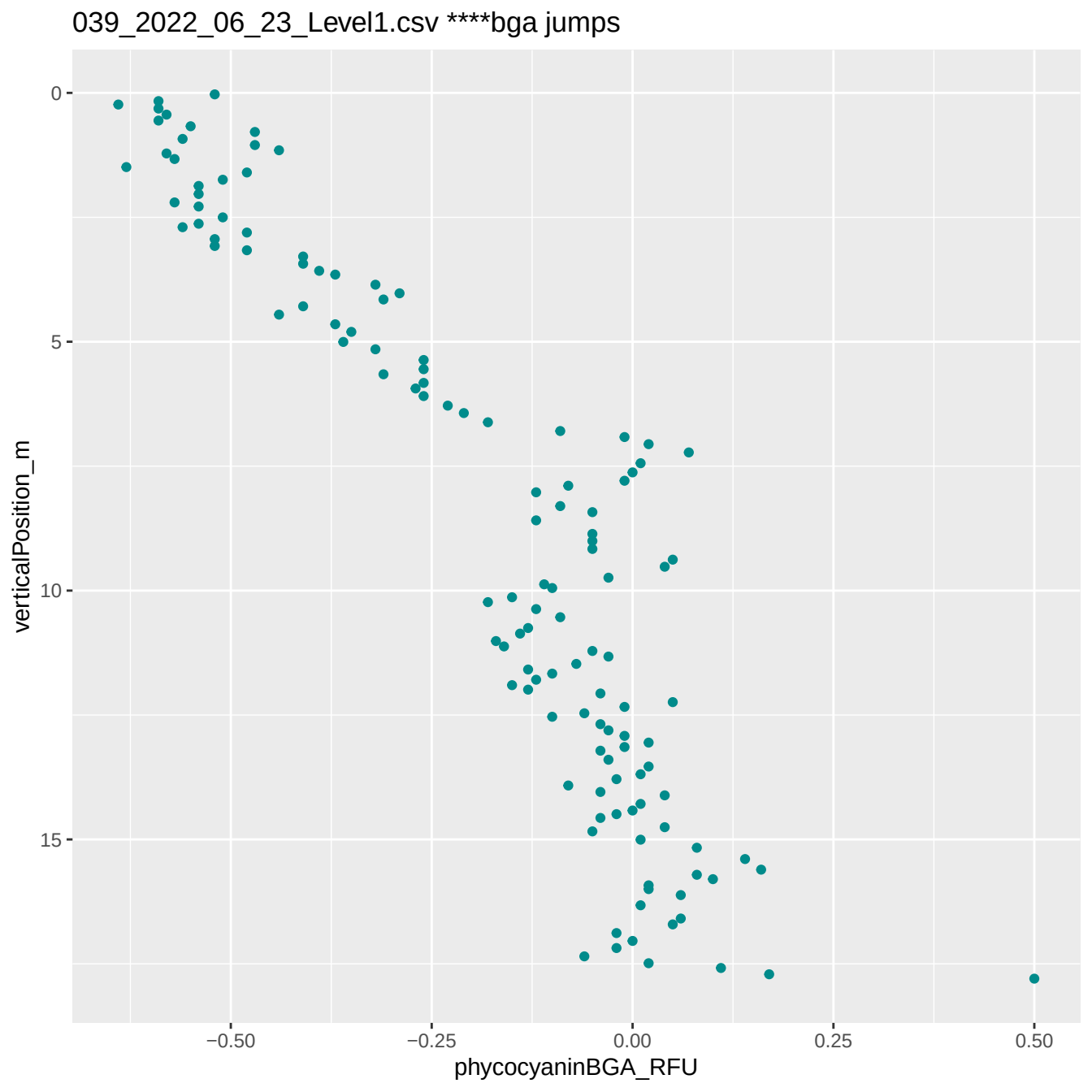

039_2022_06_23_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
14:15:00
14:15:30
14:16:00
14:16:30
14:17:00
dateTime

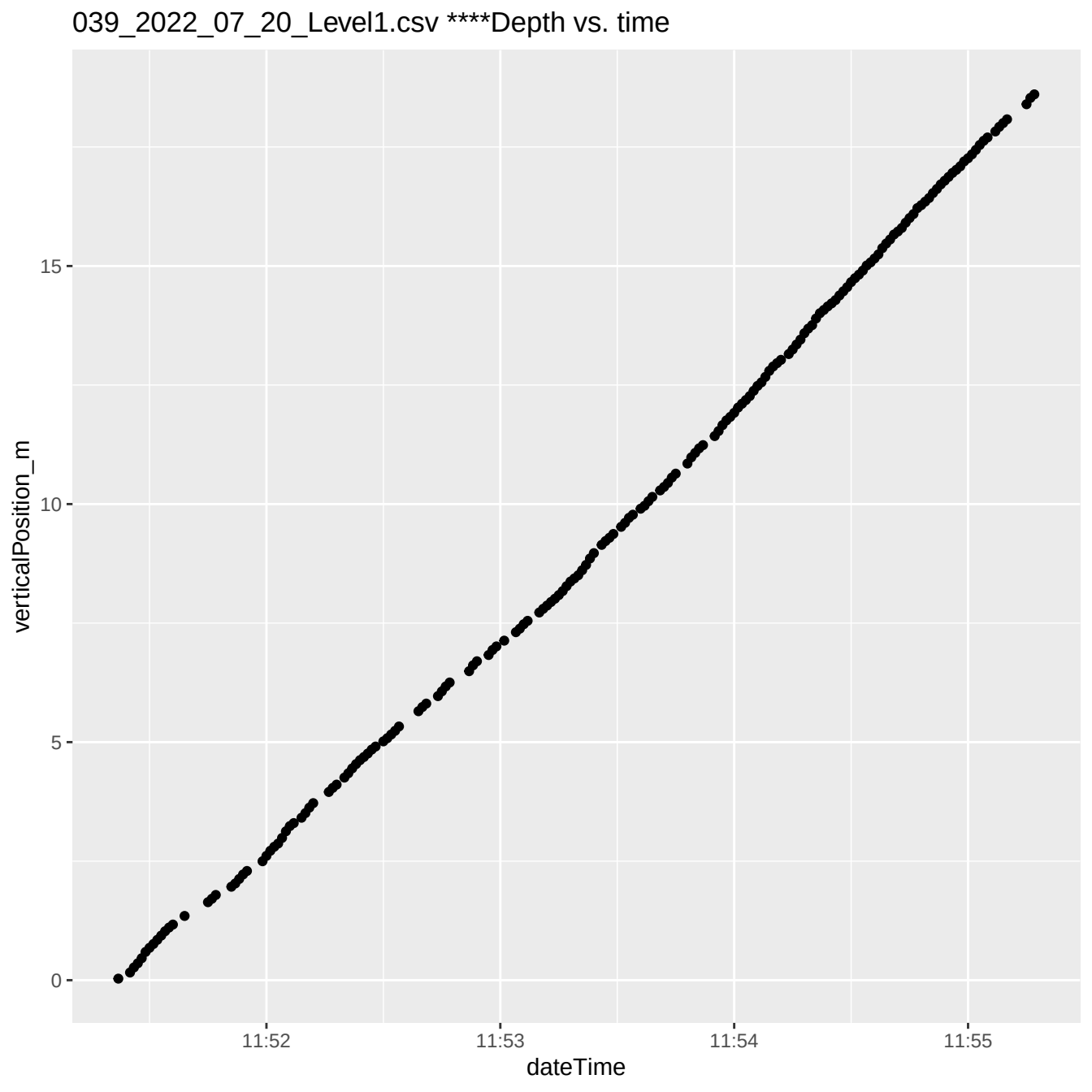

039_2022_06_23_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
5
10
15
waterDensity_kgpm3
996
997
998
999
1000
flag
FALSE
TRUE

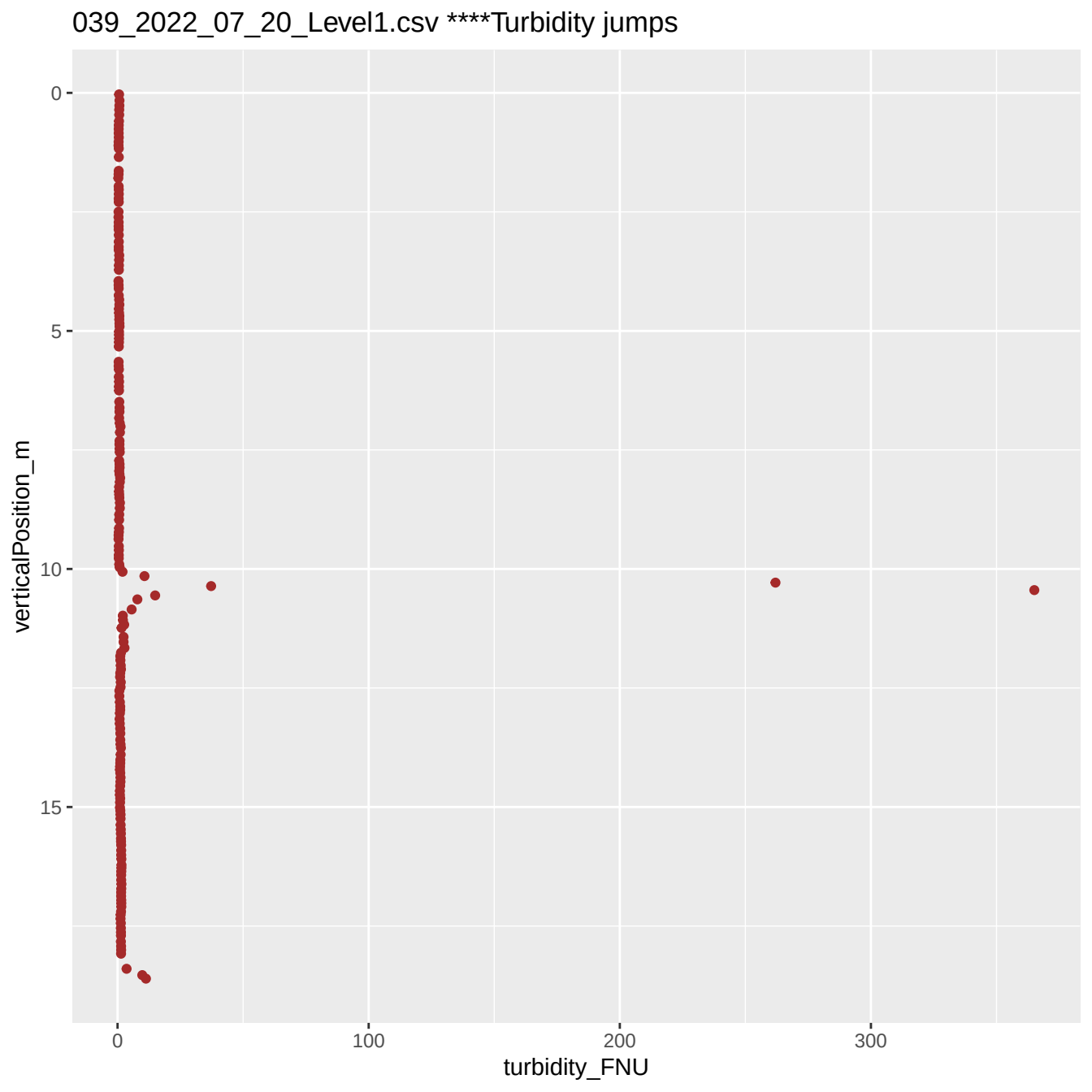

039_2022_06_23_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

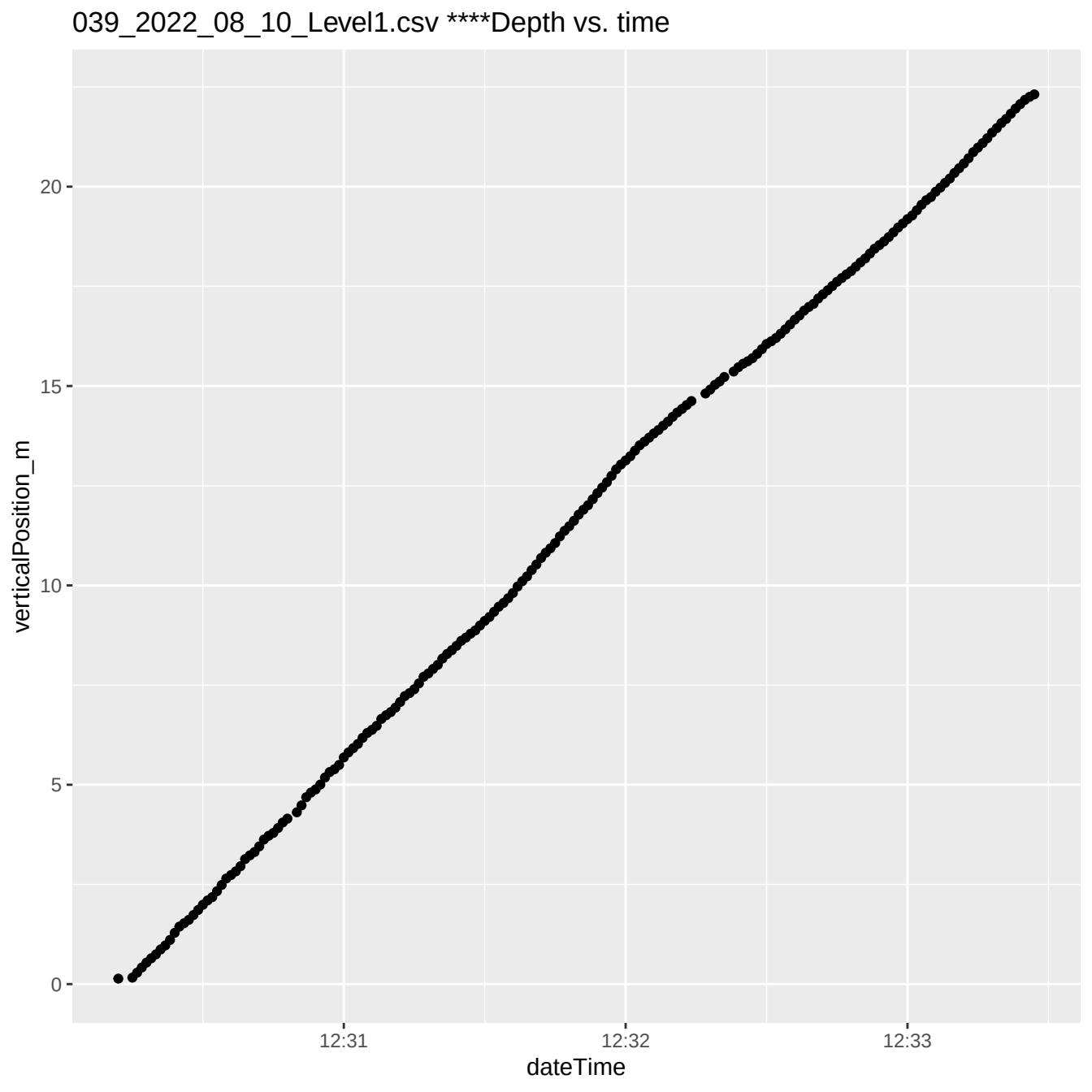

039_2022_06_23_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
turbidity_FNU
0
1
2
3

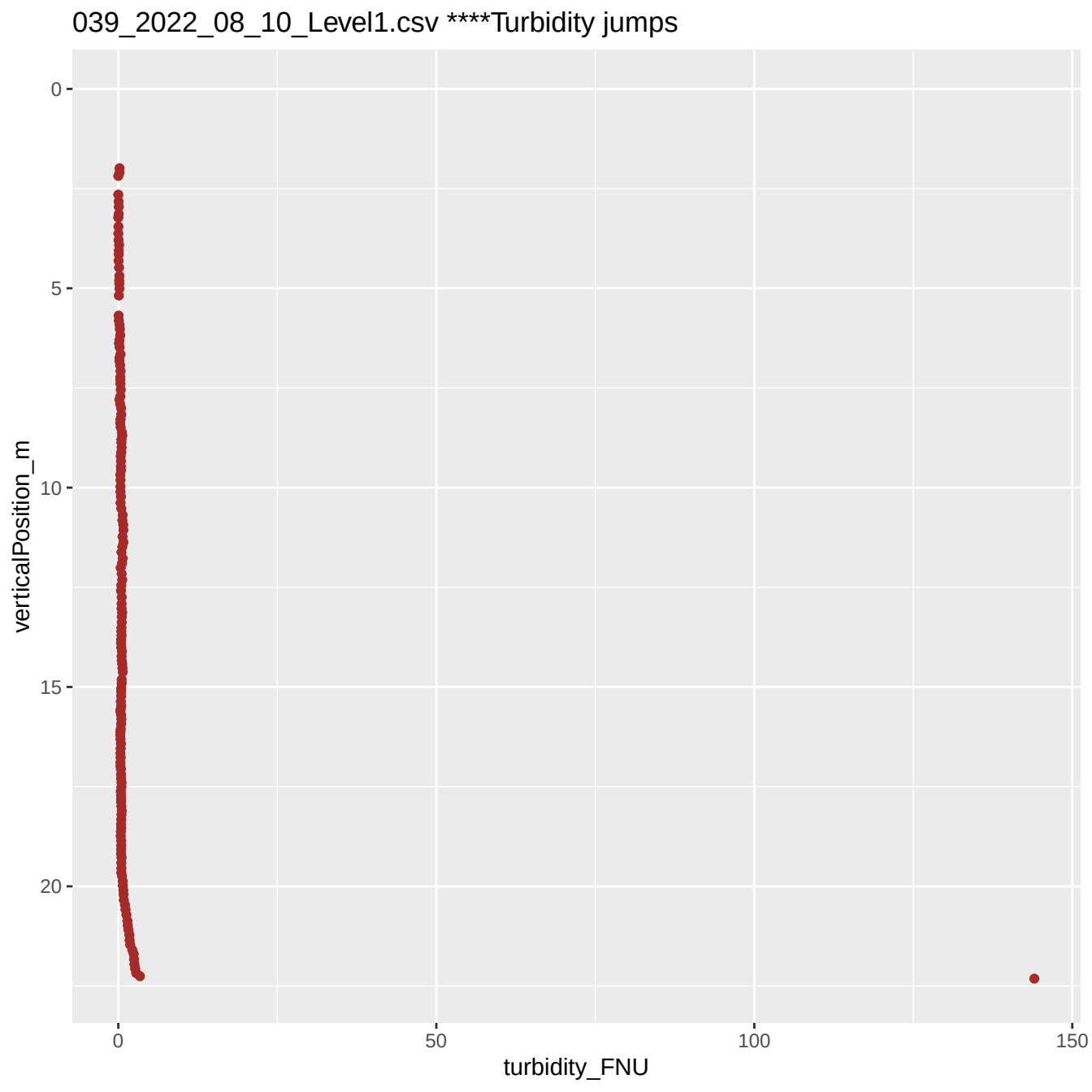

039_2022_06_23_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
chlorophyll_RFU

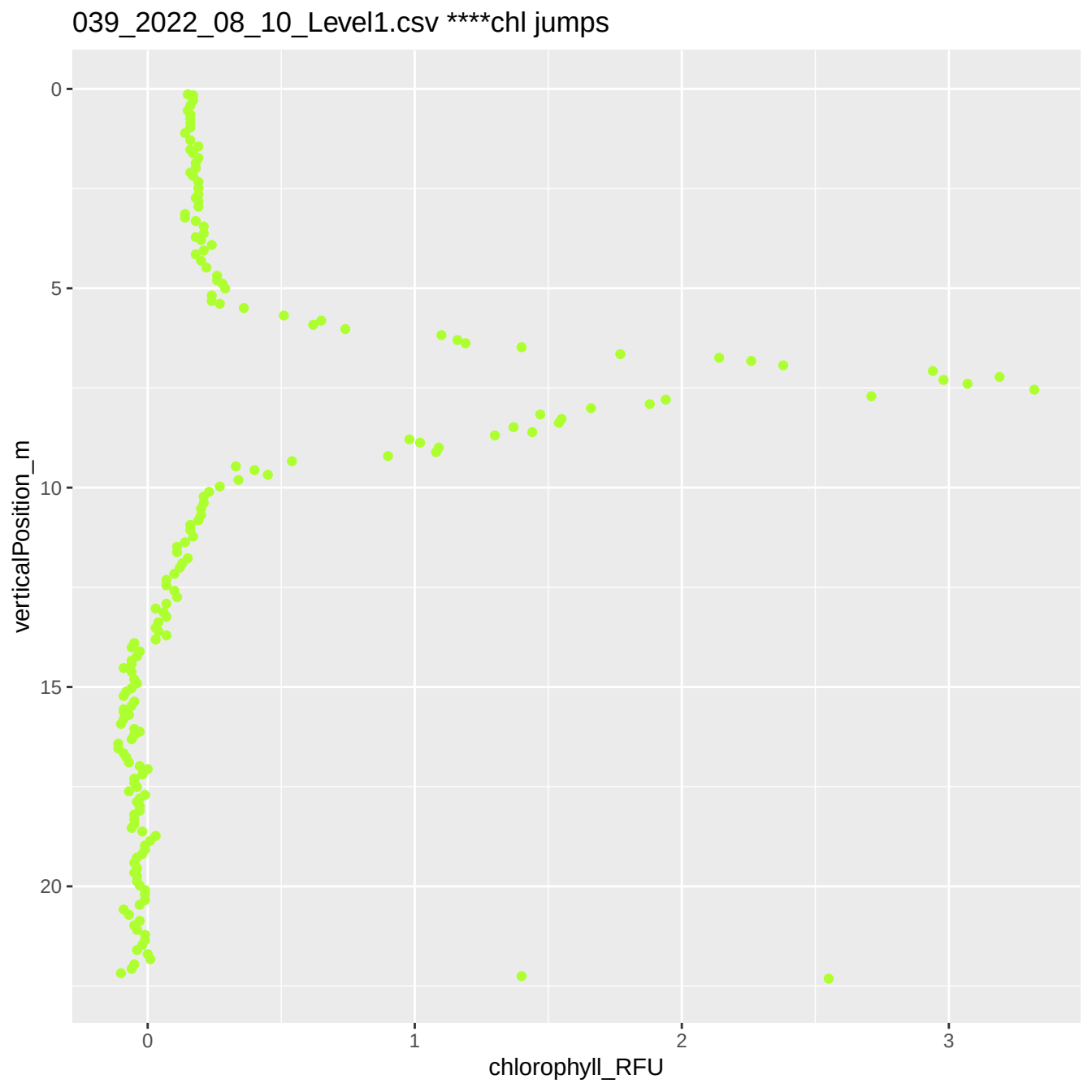

039_2022_06_23_Level1.csv ****bga jumps
0
5
10
15
verticalPosition_m
−0.50
−0.25
0.00
0.25
0.50
phycocyaninBGA_RFU

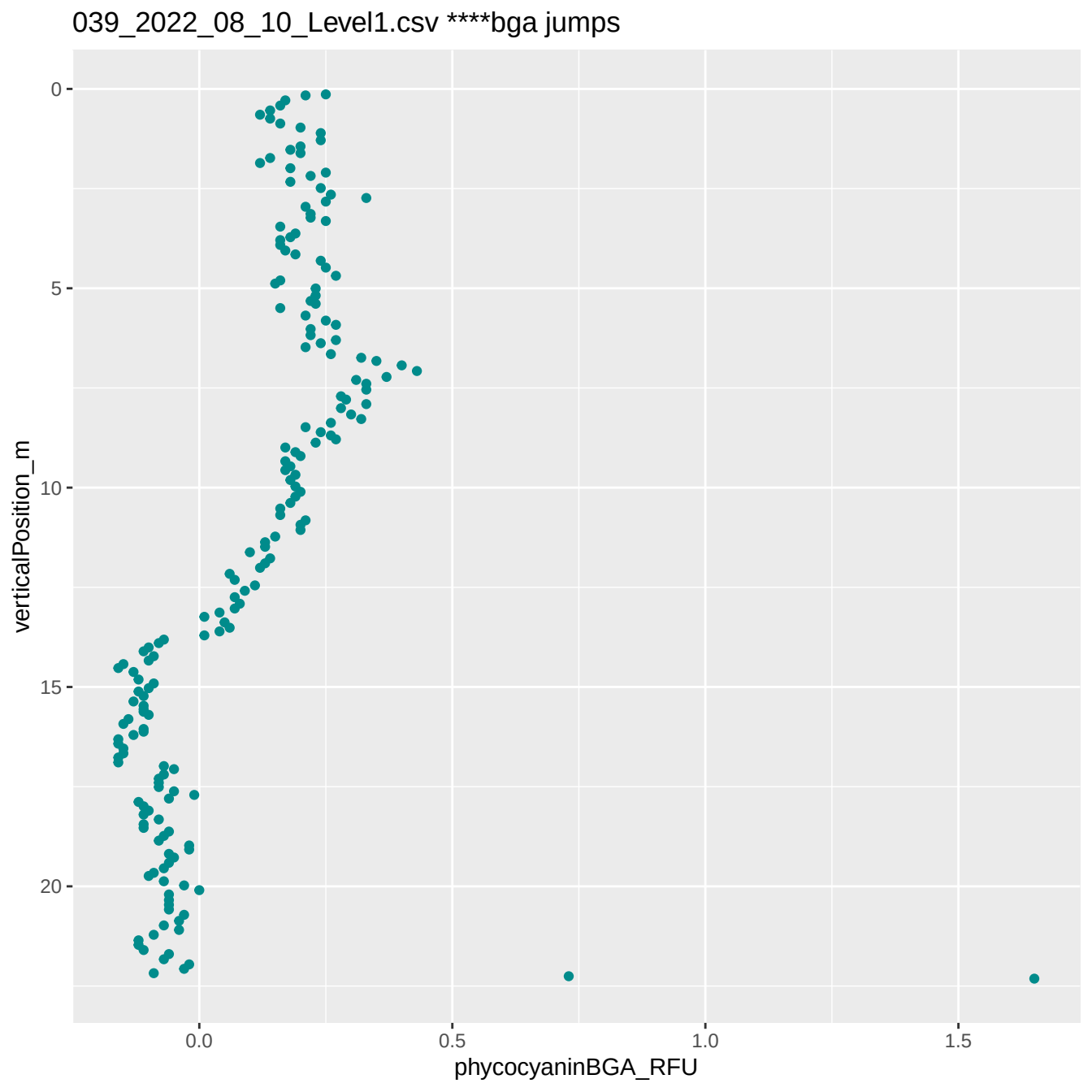

039_2022_07_20_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
11:52
11:53
11:54
11:55
dateTime

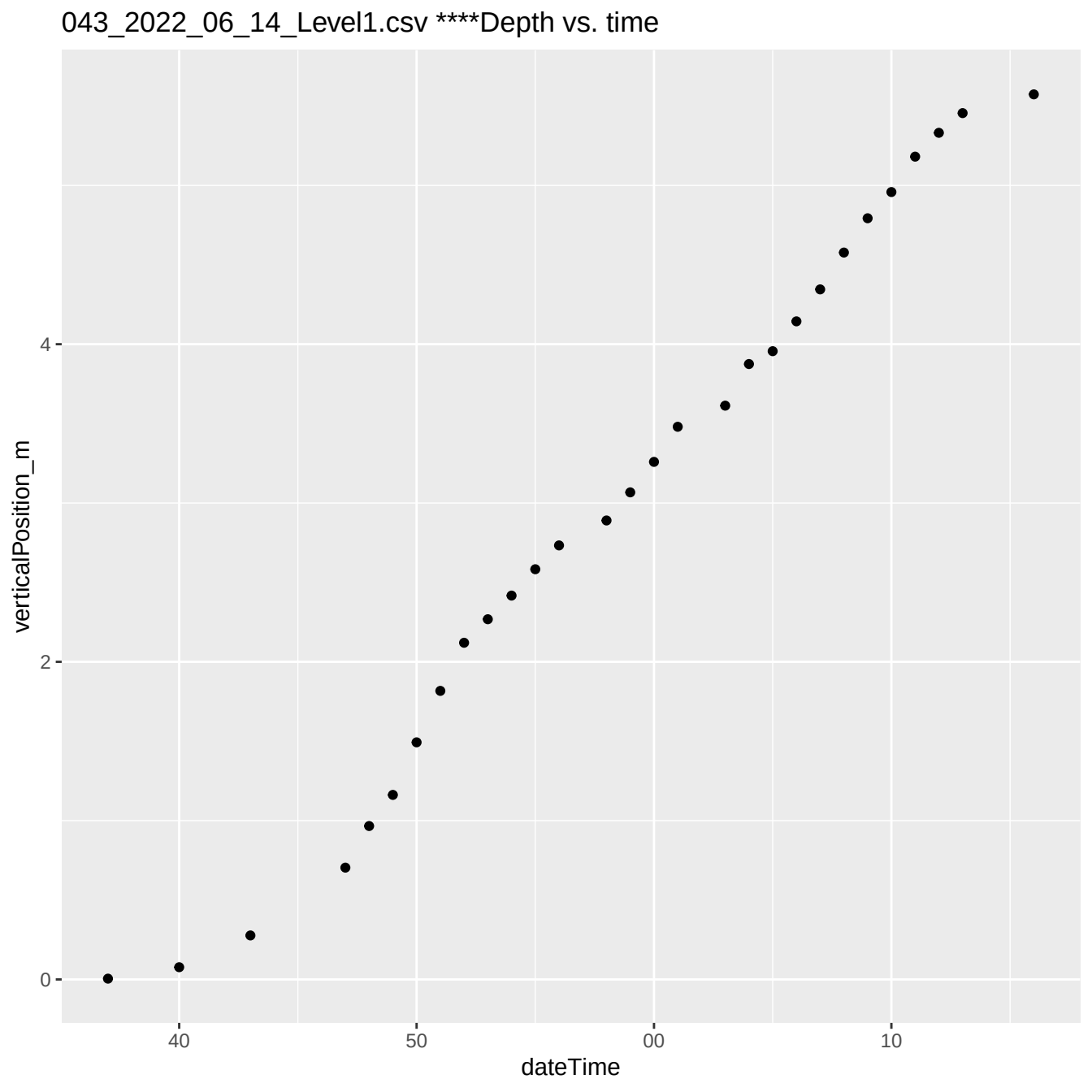

039_2022_07_20_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0
100
200
300
turbidity_FNU

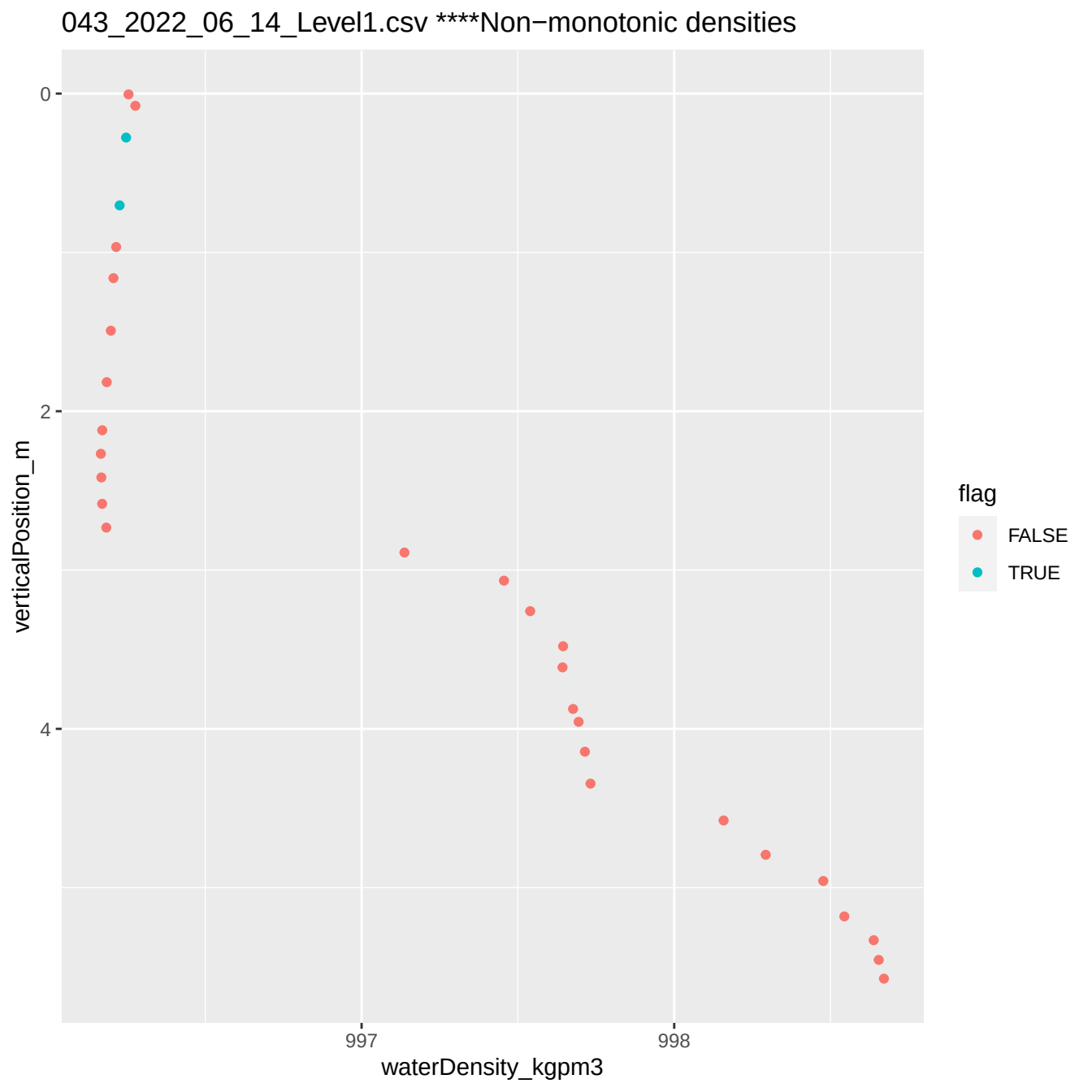

039_2022_08_10_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
12:31
12:32
12:33
dateTime

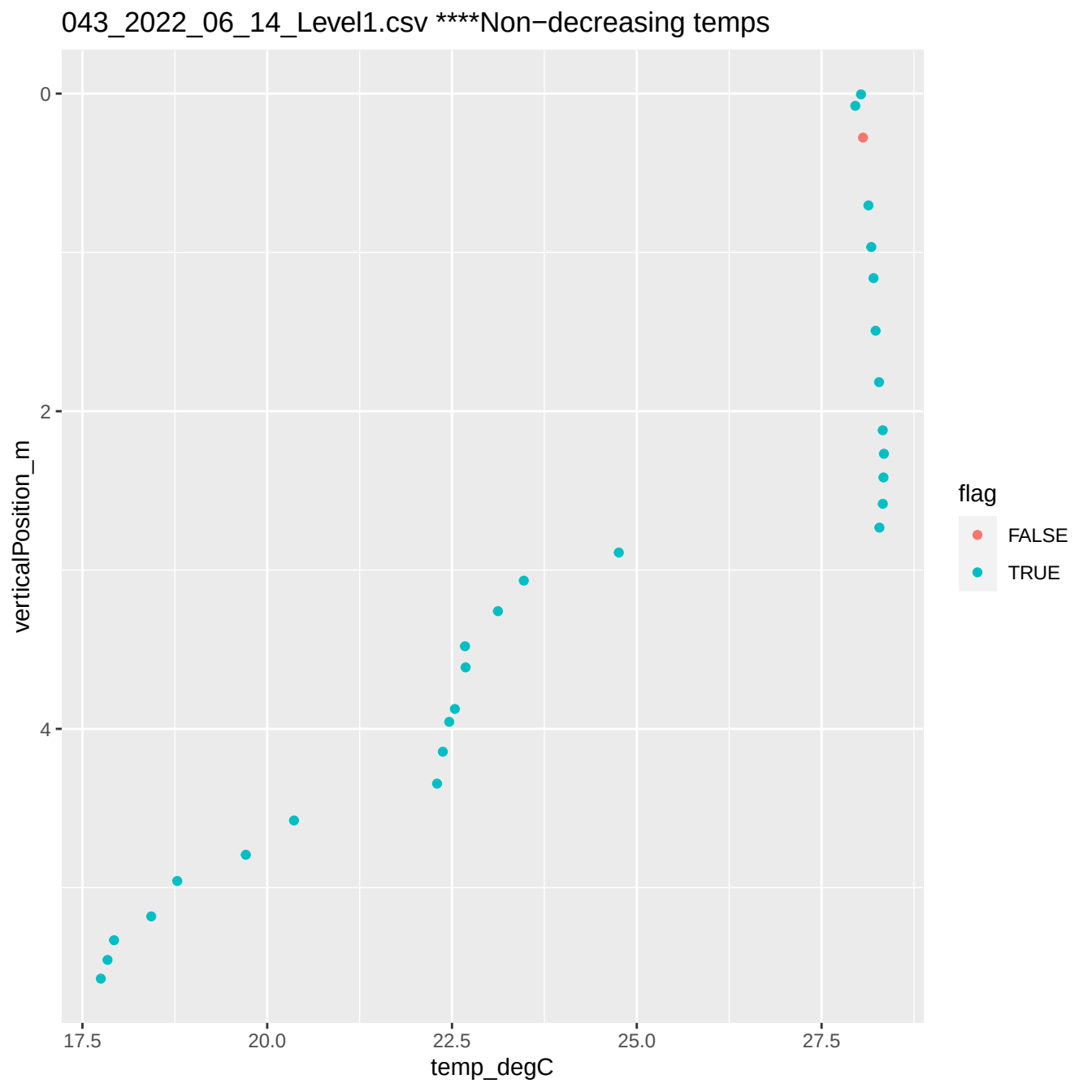

039_2022_08_10_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0
50
100
150
turbidity_FNU

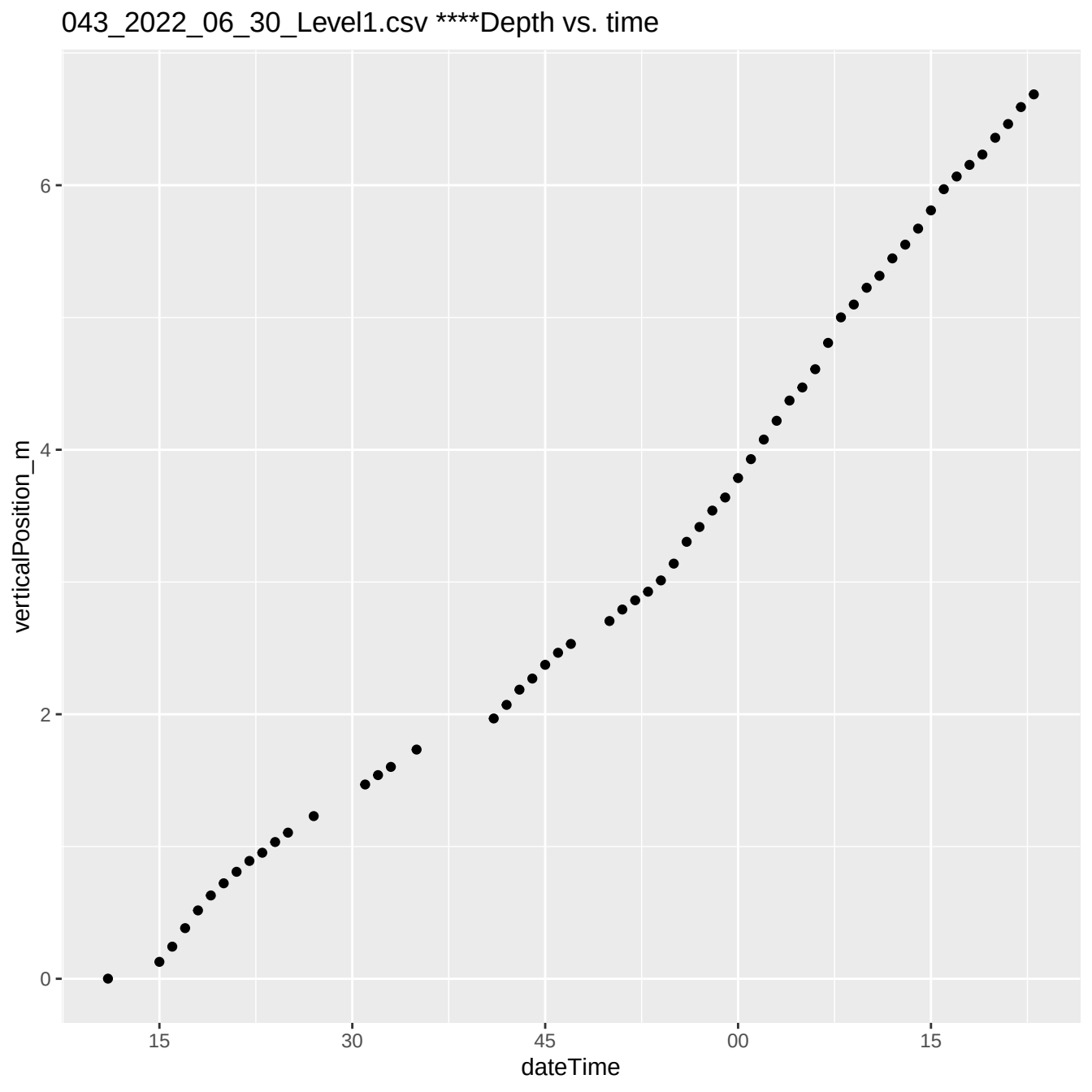

039_2022_08_10_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
20
chlorophyll_RFU
0
1
2
3

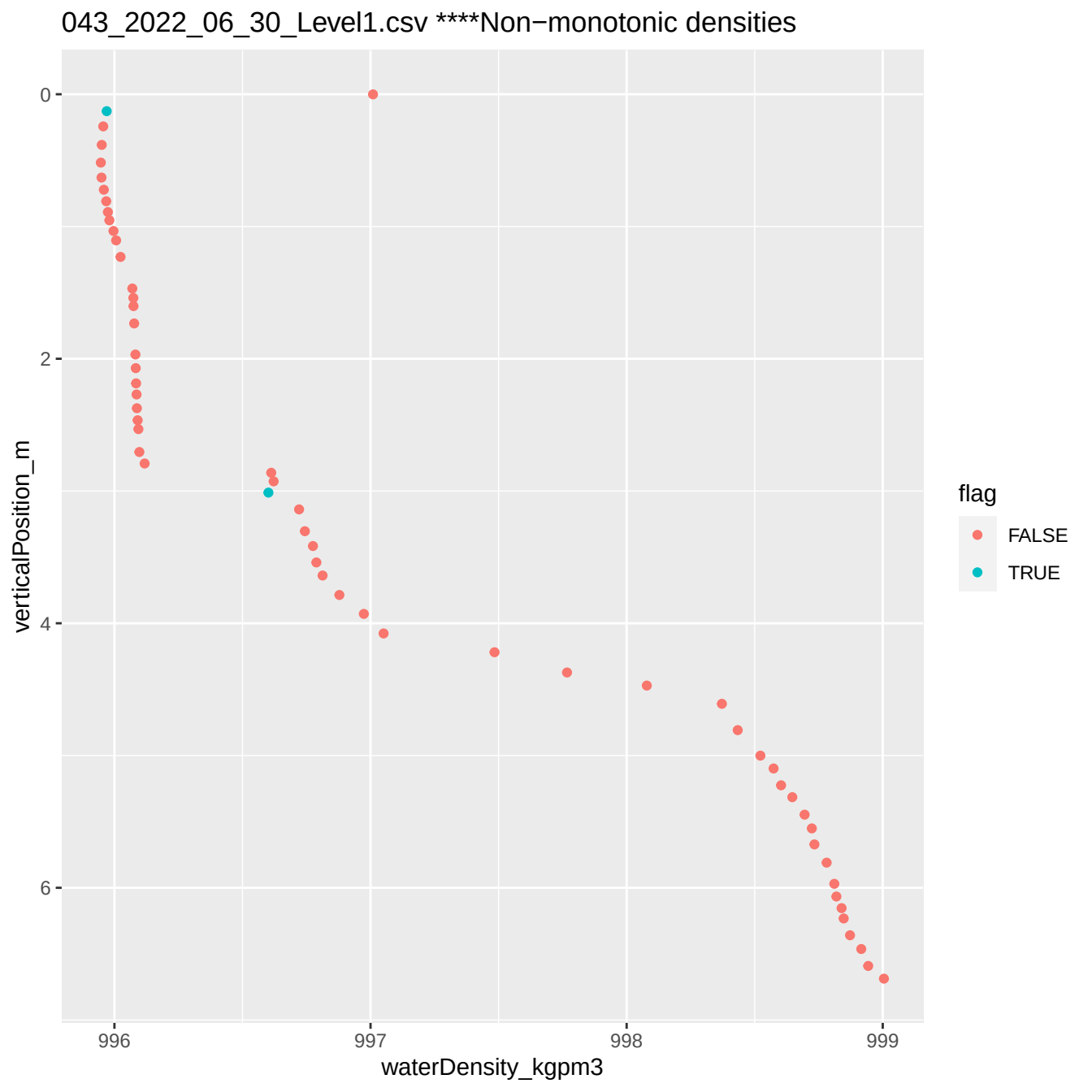

039_2022_08_10_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.5
1.0
1.5
phycocyaninBGA_RFU

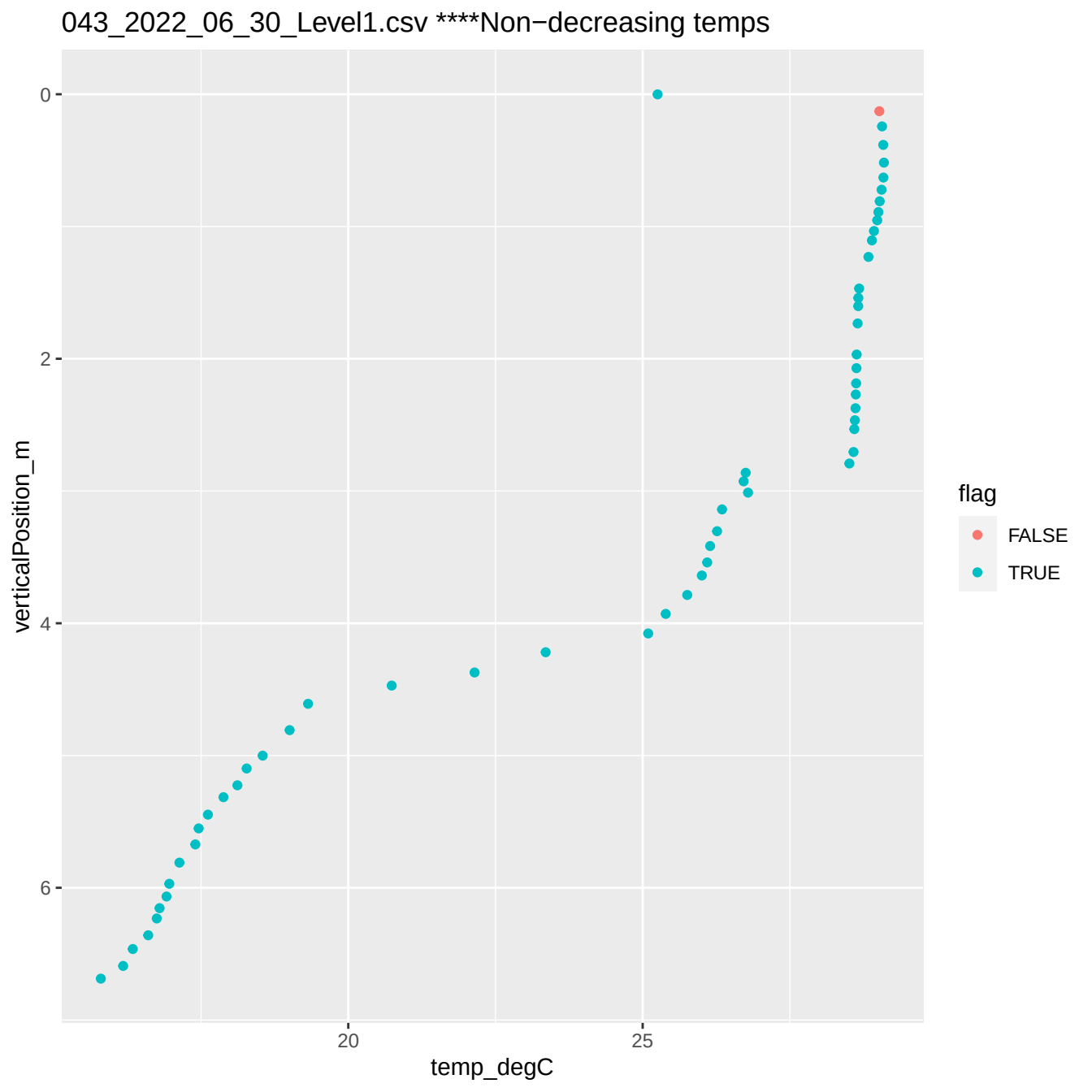

043_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
40
50
00
10
dateTime

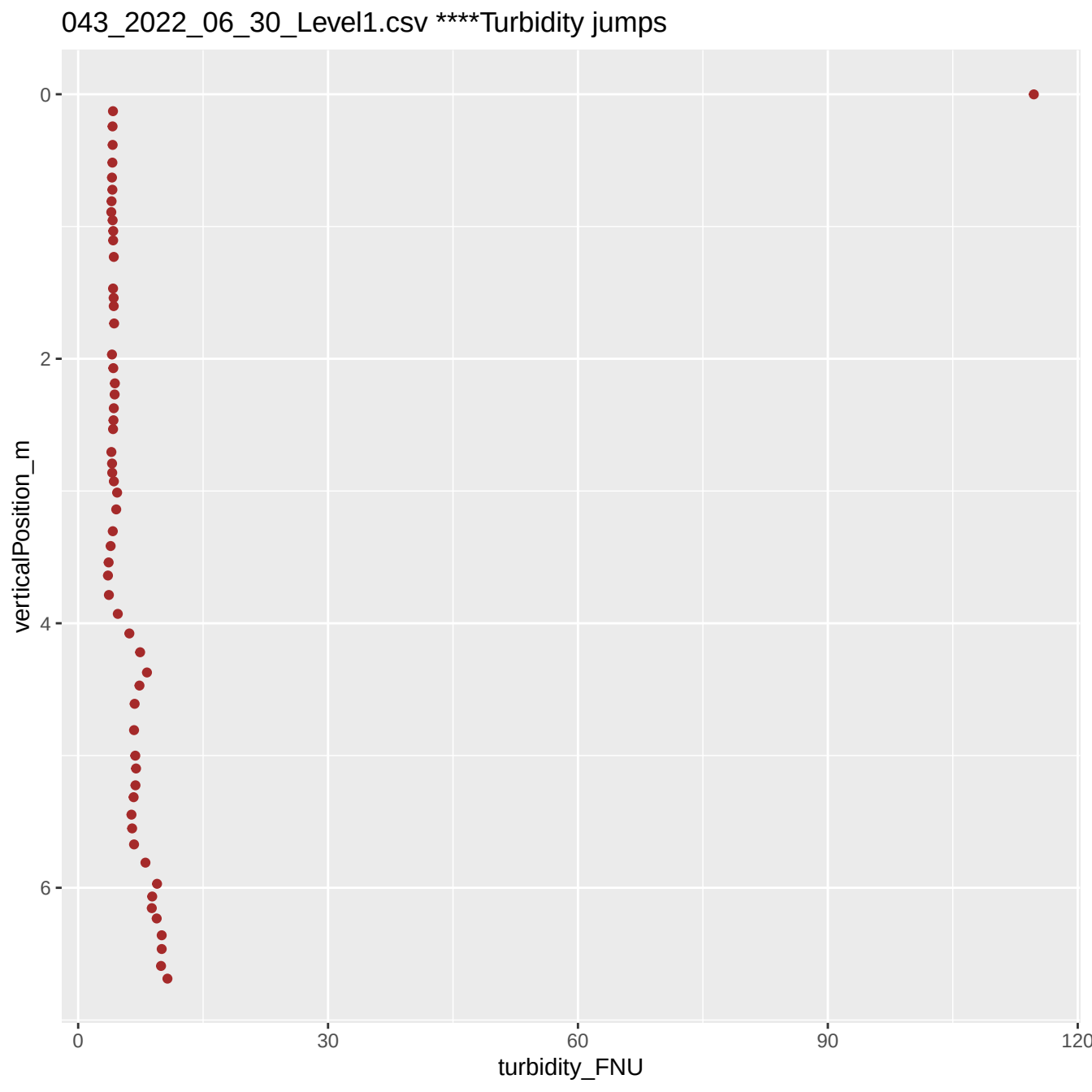

043_2022_06_14_Level1.csv ****Non−monotonic densities
0
2
4
verticalPosition_m
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

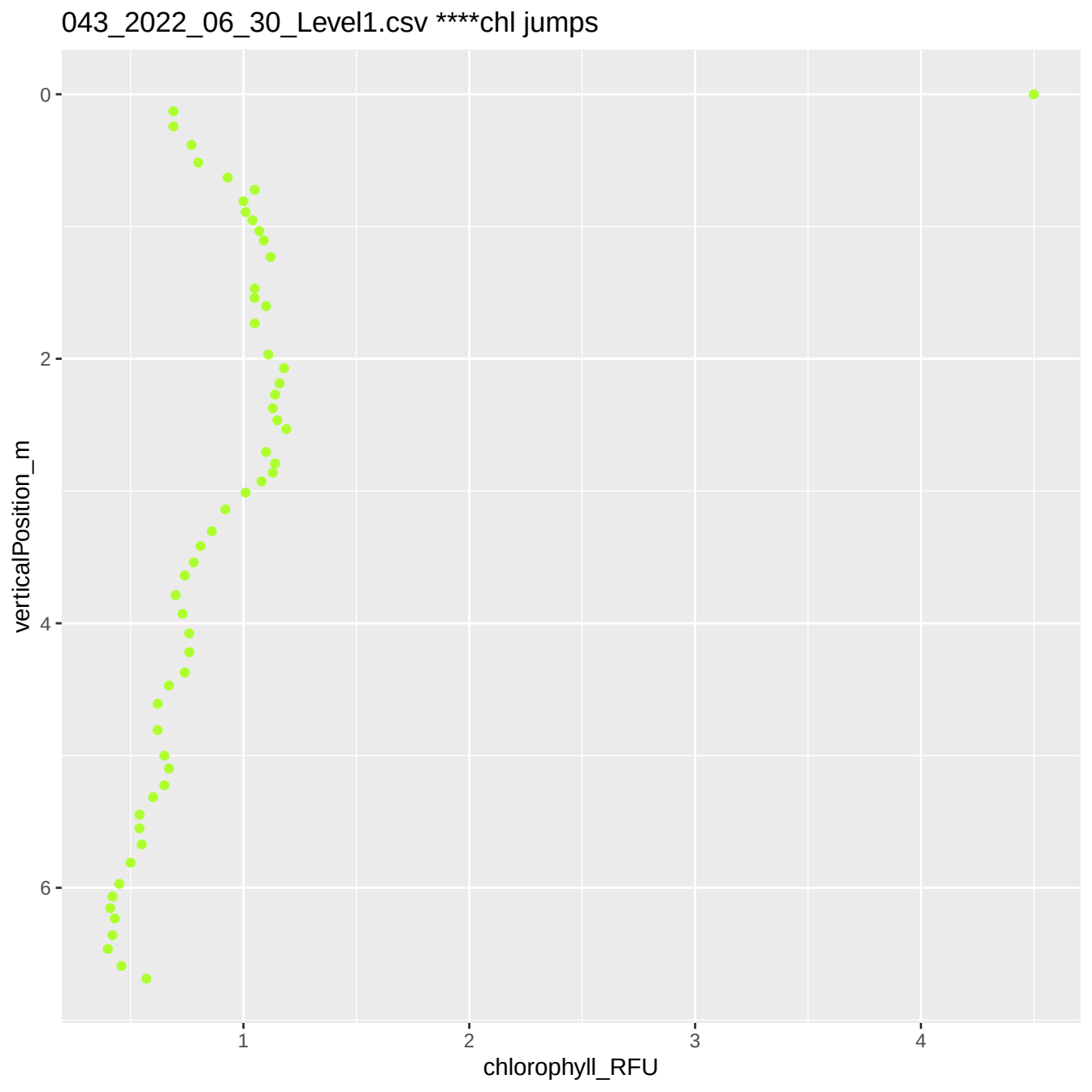

043_2022_06_14_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
17.5
20.0
22.5
25.0
27.5
temp_degC
flag
FALSE
TRUE

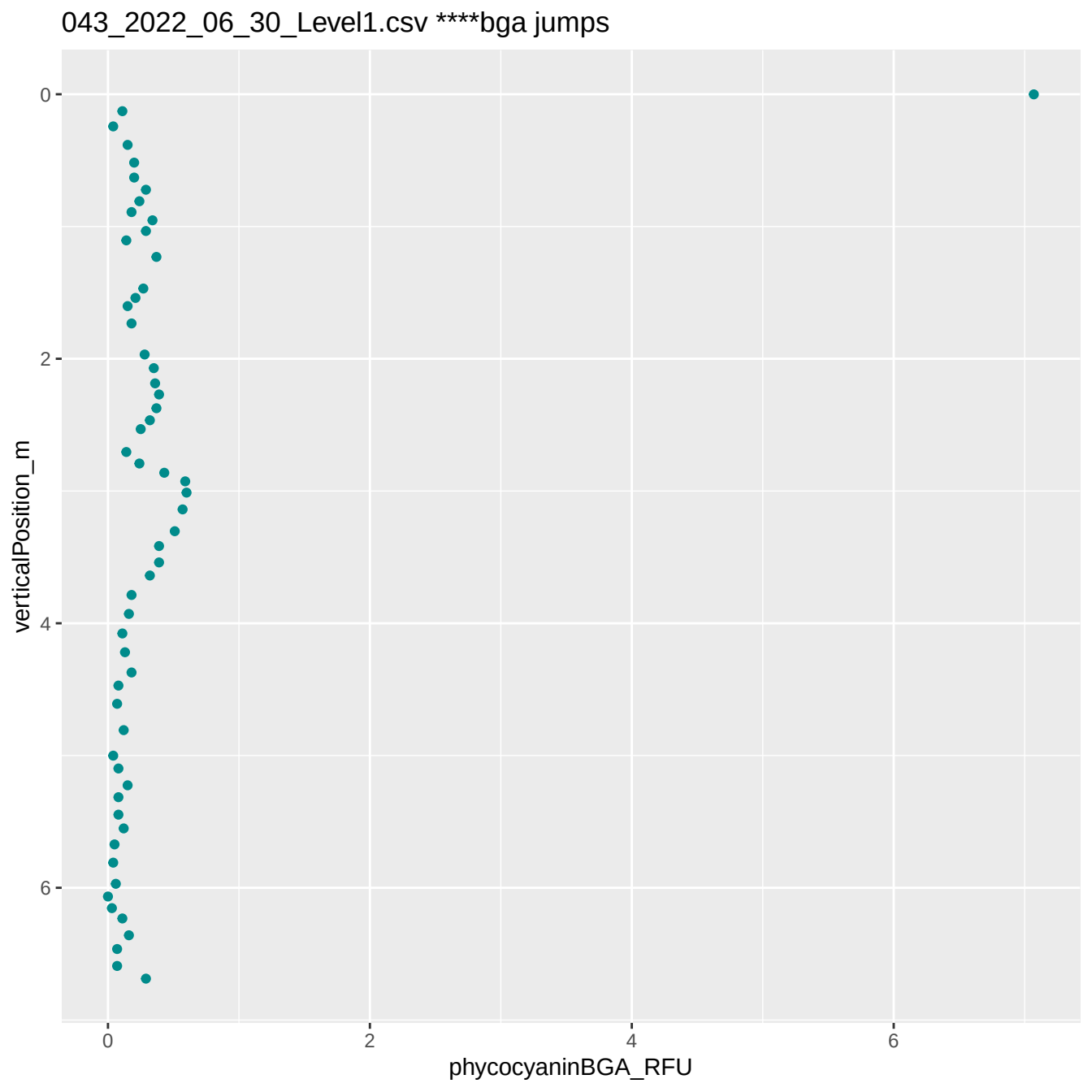

043_2022_06_30_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15
30
45
00
15
dateTime

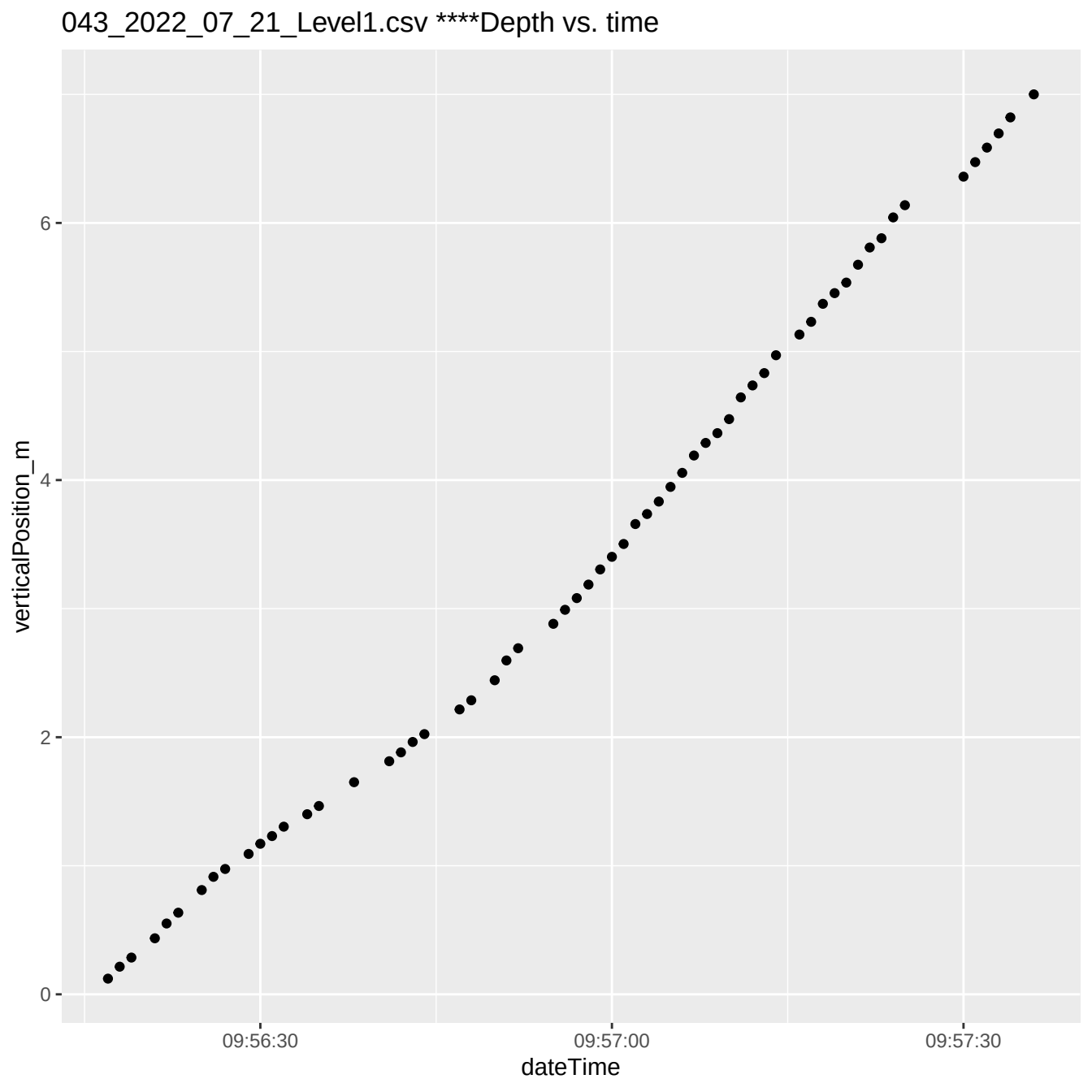

043_2022_06_30_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

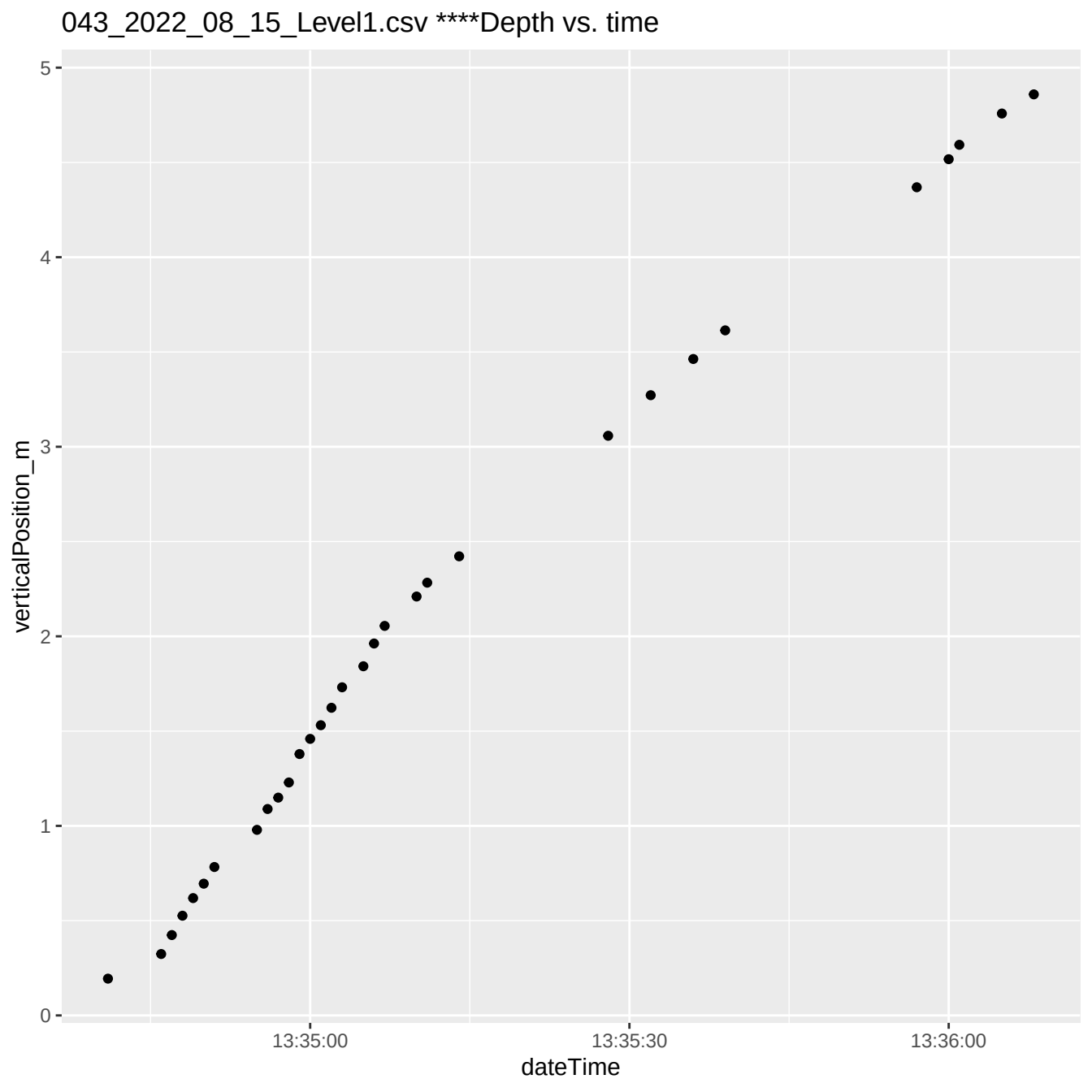

043_2022_06_30_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
20
25
flag
FALSE
TRUE

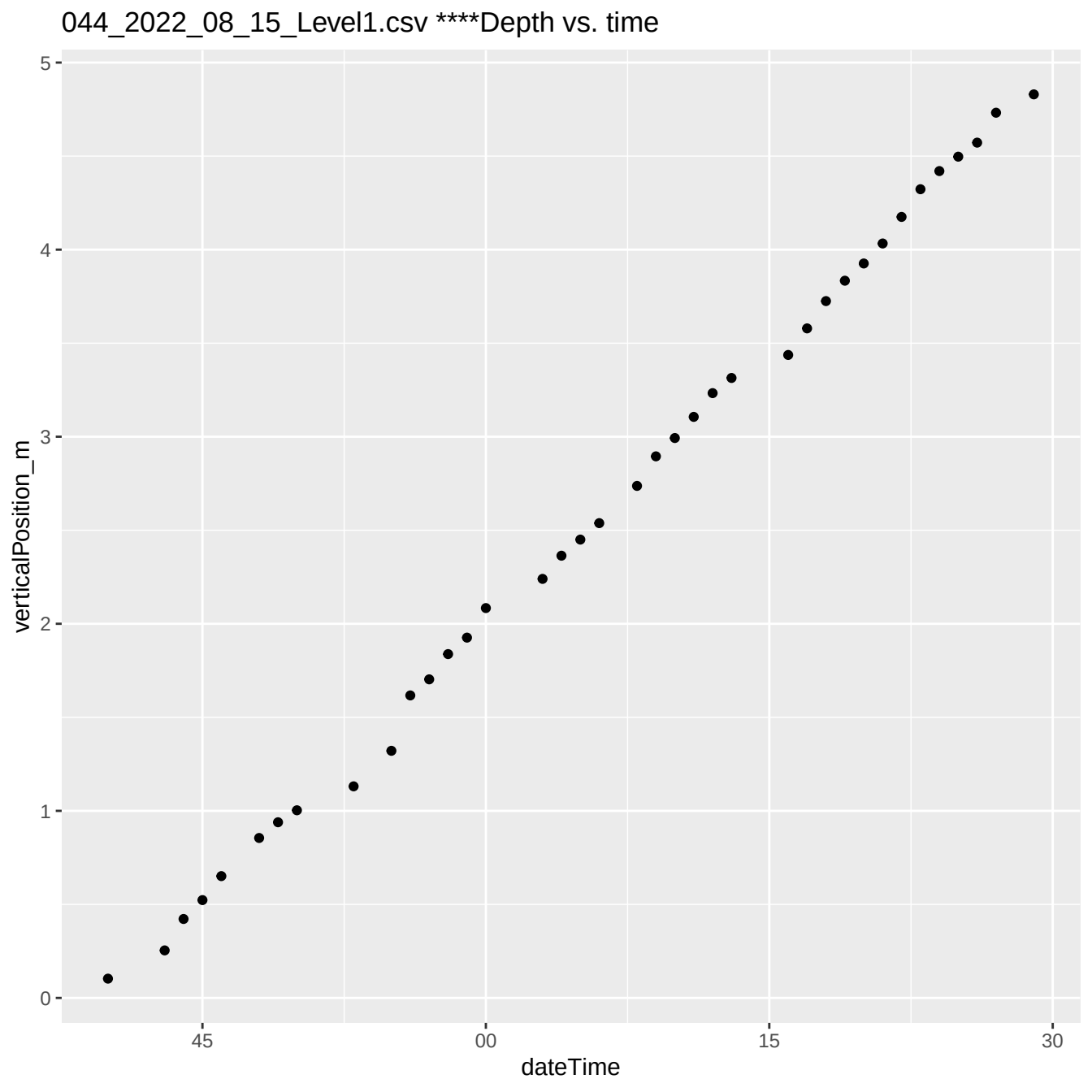

043_2022_06_30_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
turbidity_FNU
0
30
60
90
120

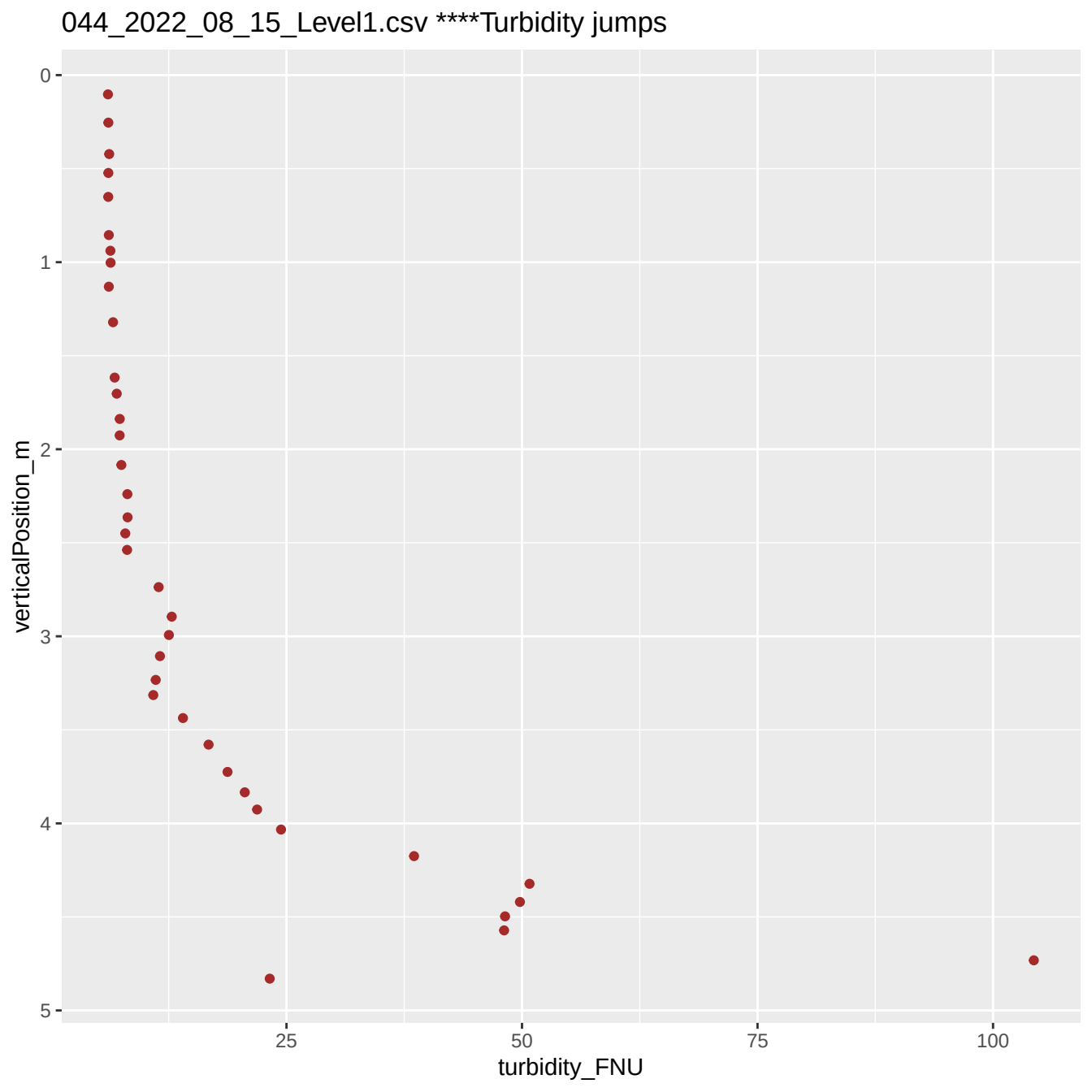

043_2022_06_30_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
chlorophyll_RFU
1
2
3
4

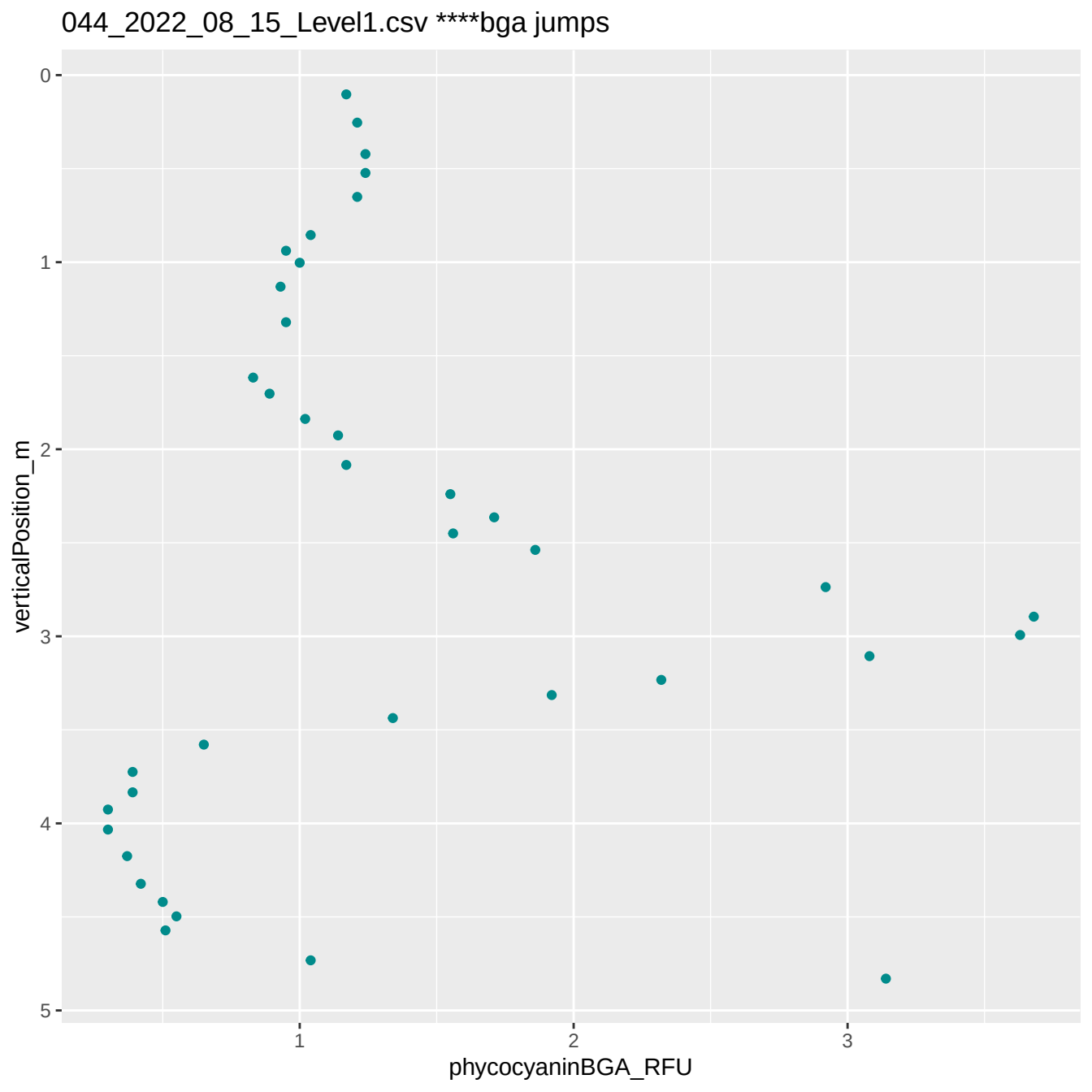

043_2022_06_30_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0
2
4
6
phycocyaninBGA_RFU

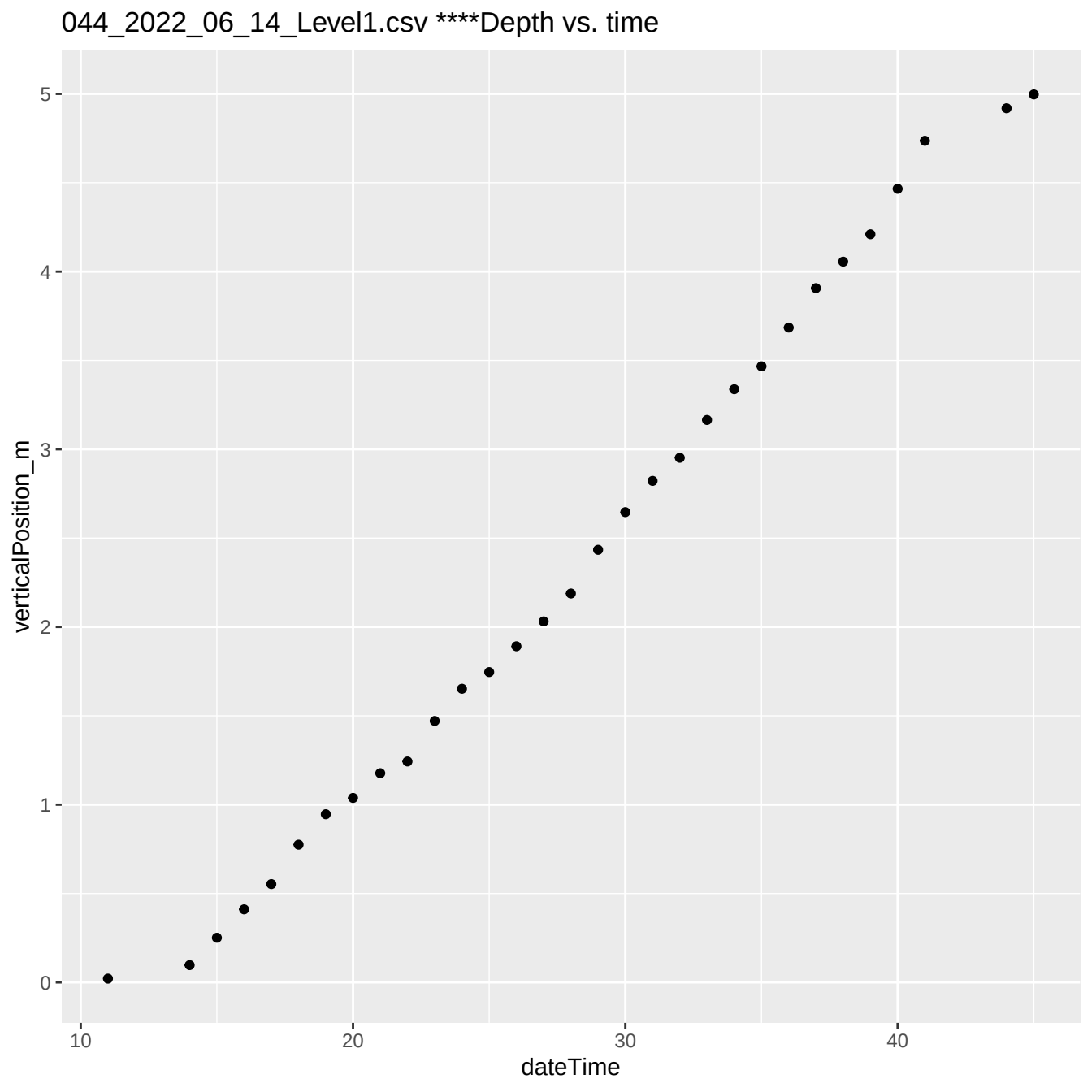

043_2022_07_21_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
09:56:30
09:57:00
09:57:30
dateTime

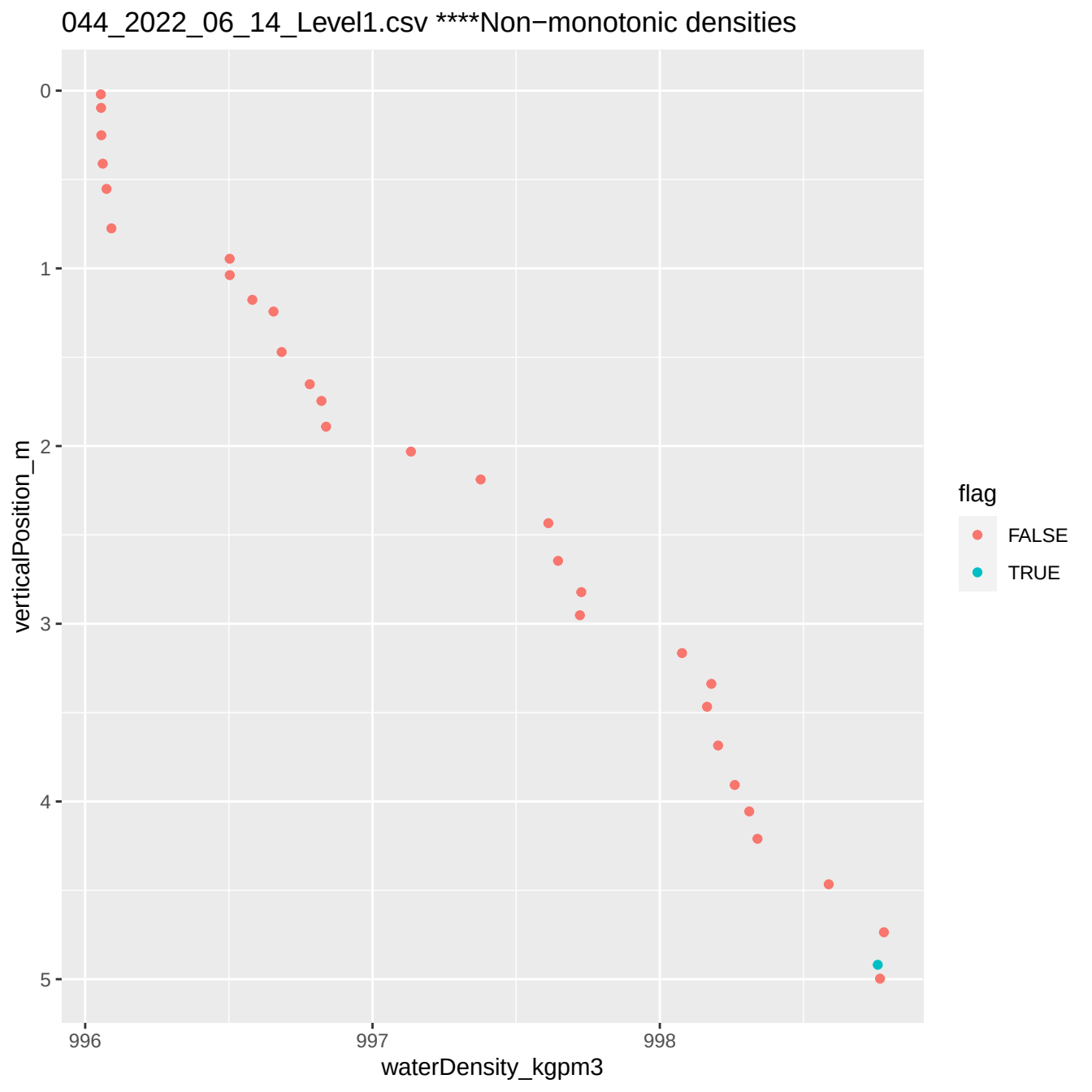

043_2022_08_15_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
13:35:00
13:35:30
13:36:00
dateTime

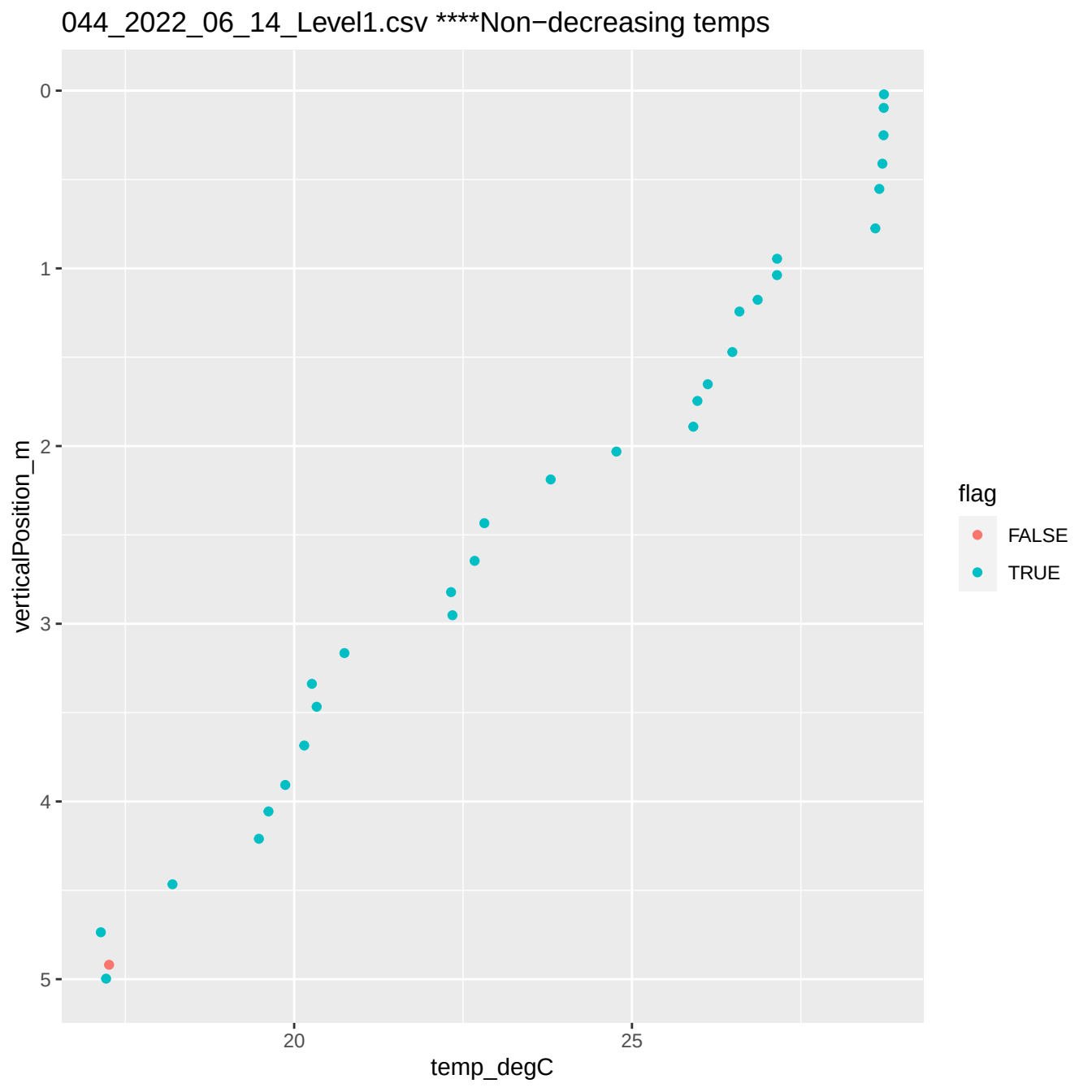

044_2022_08_15_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
45
00
15
30
dateTime

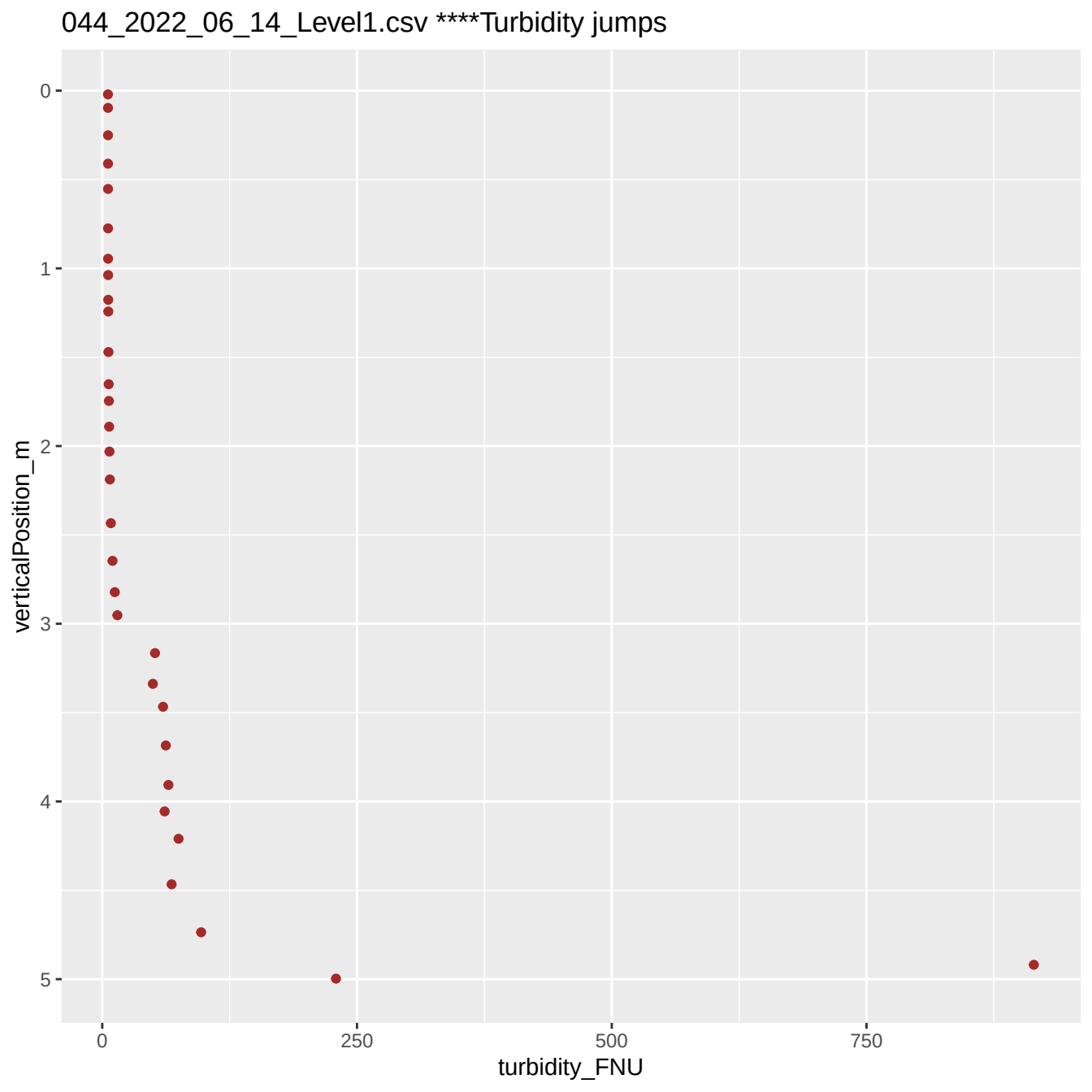

044_2022_08_15_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
25
50
75
100
turbidity_FNU

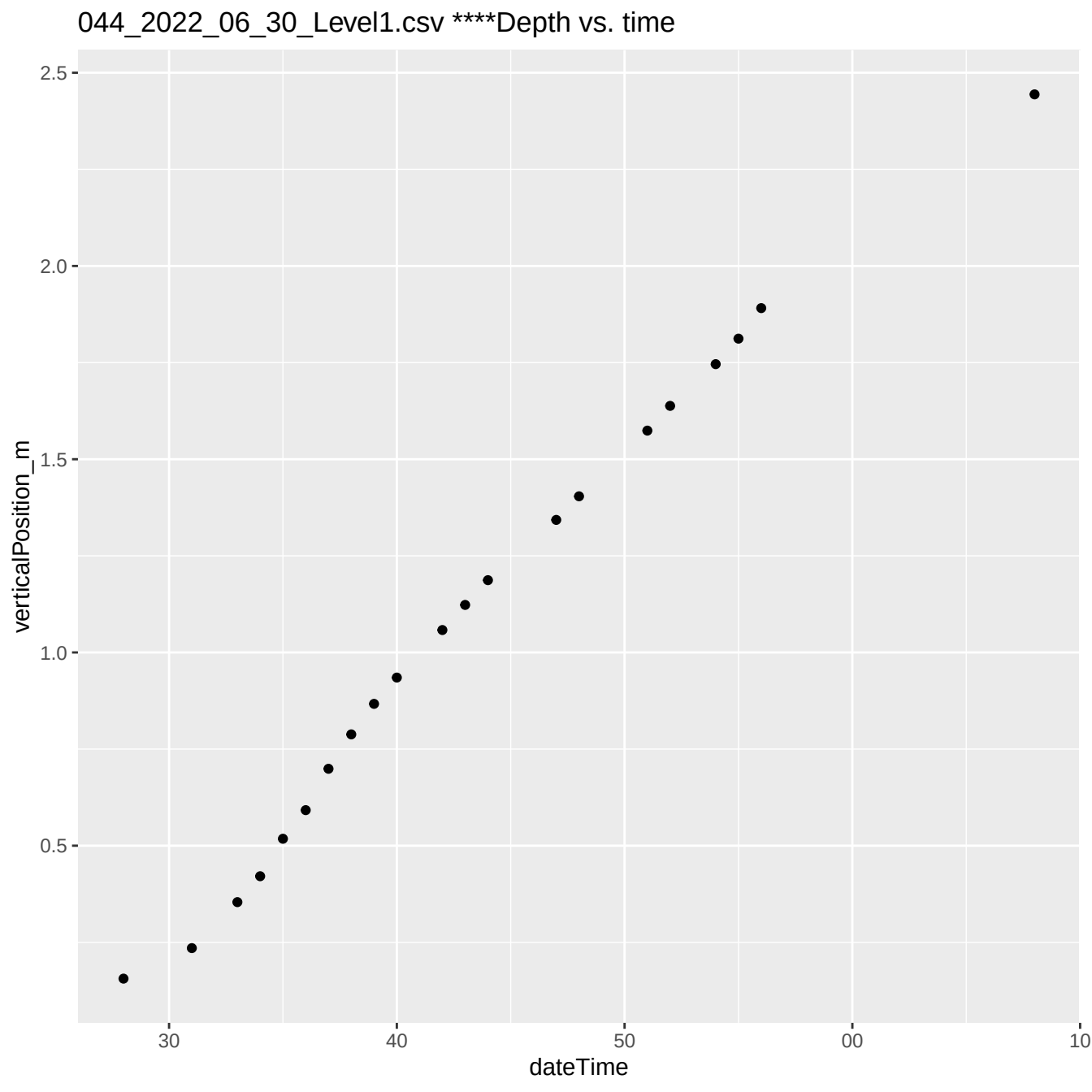

044_2022_08_15_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
1
2
3
phycocyaninBGA_RFU

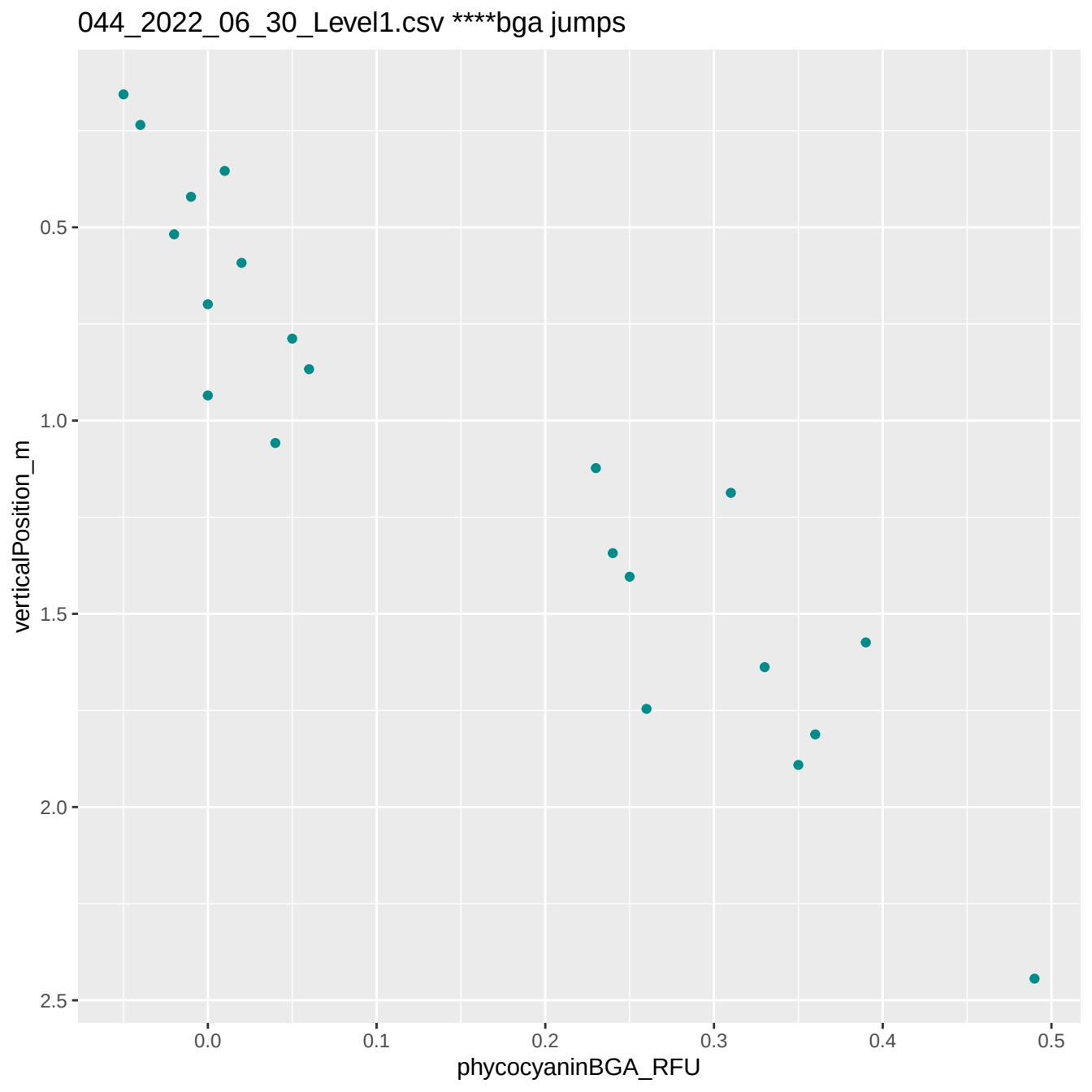

044_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
10
20
30
40
dateTime

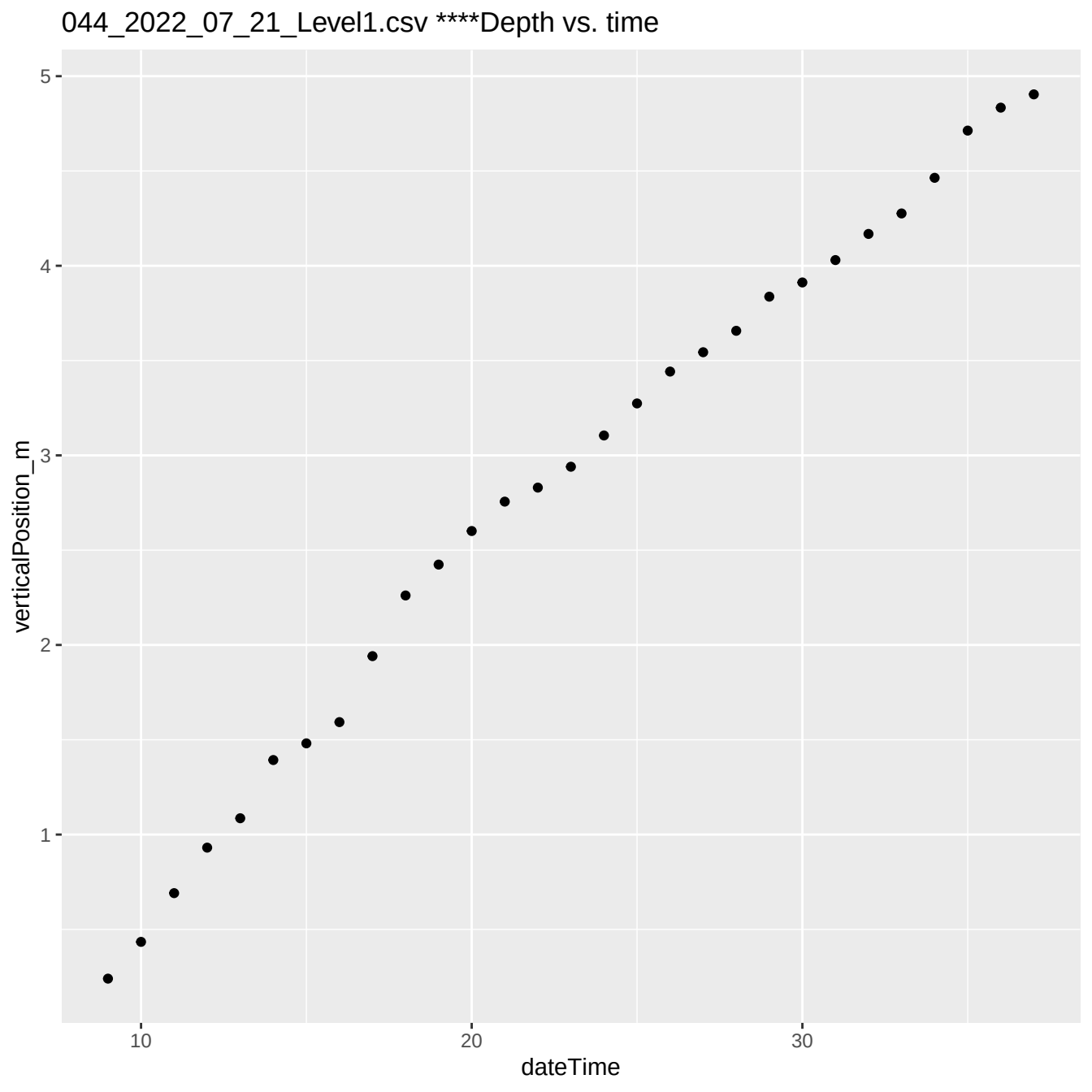

044_2022_06_14_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
5
996
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

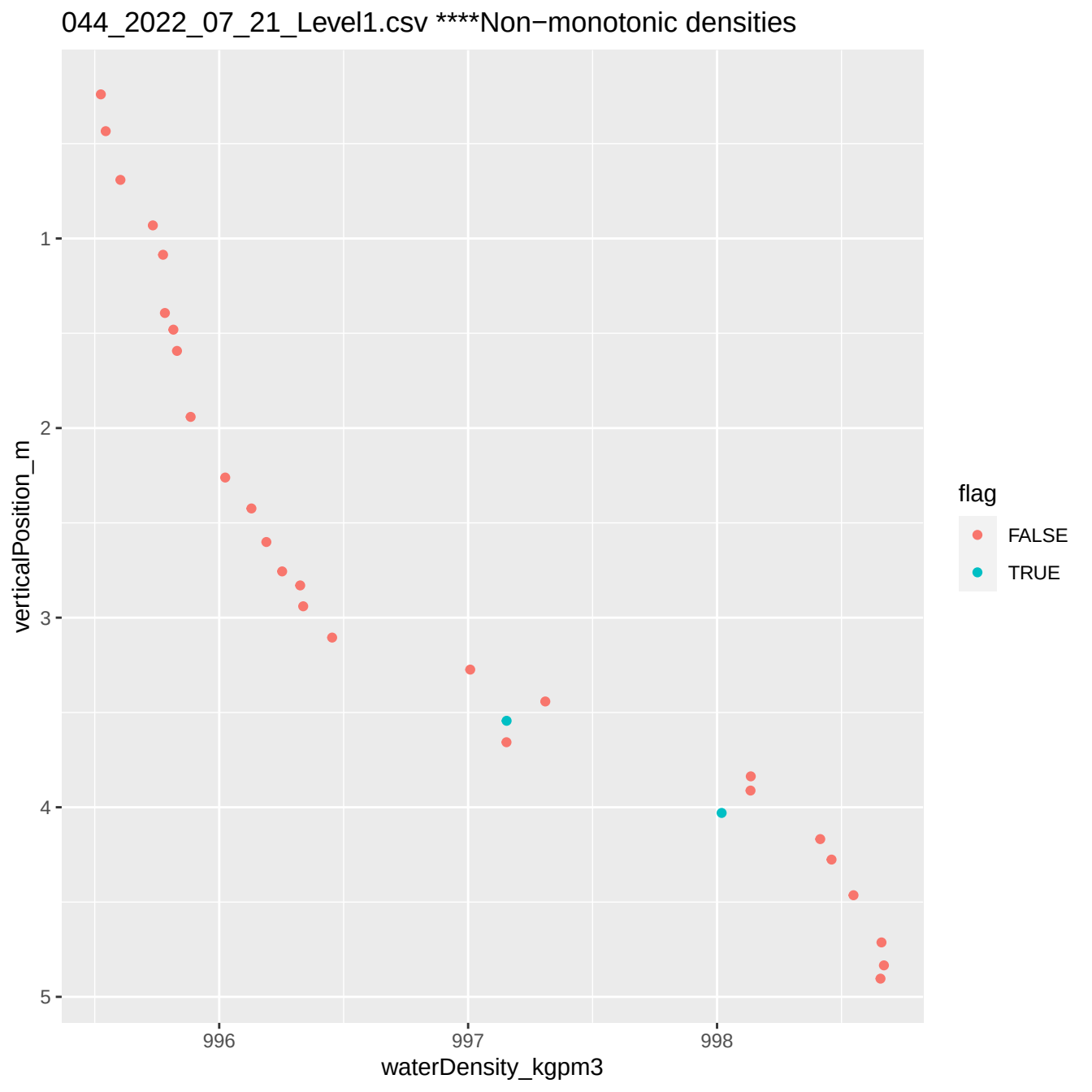

044_2022_06_14_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
5
20
25
temp_degC
flag
FALSE
TRUE

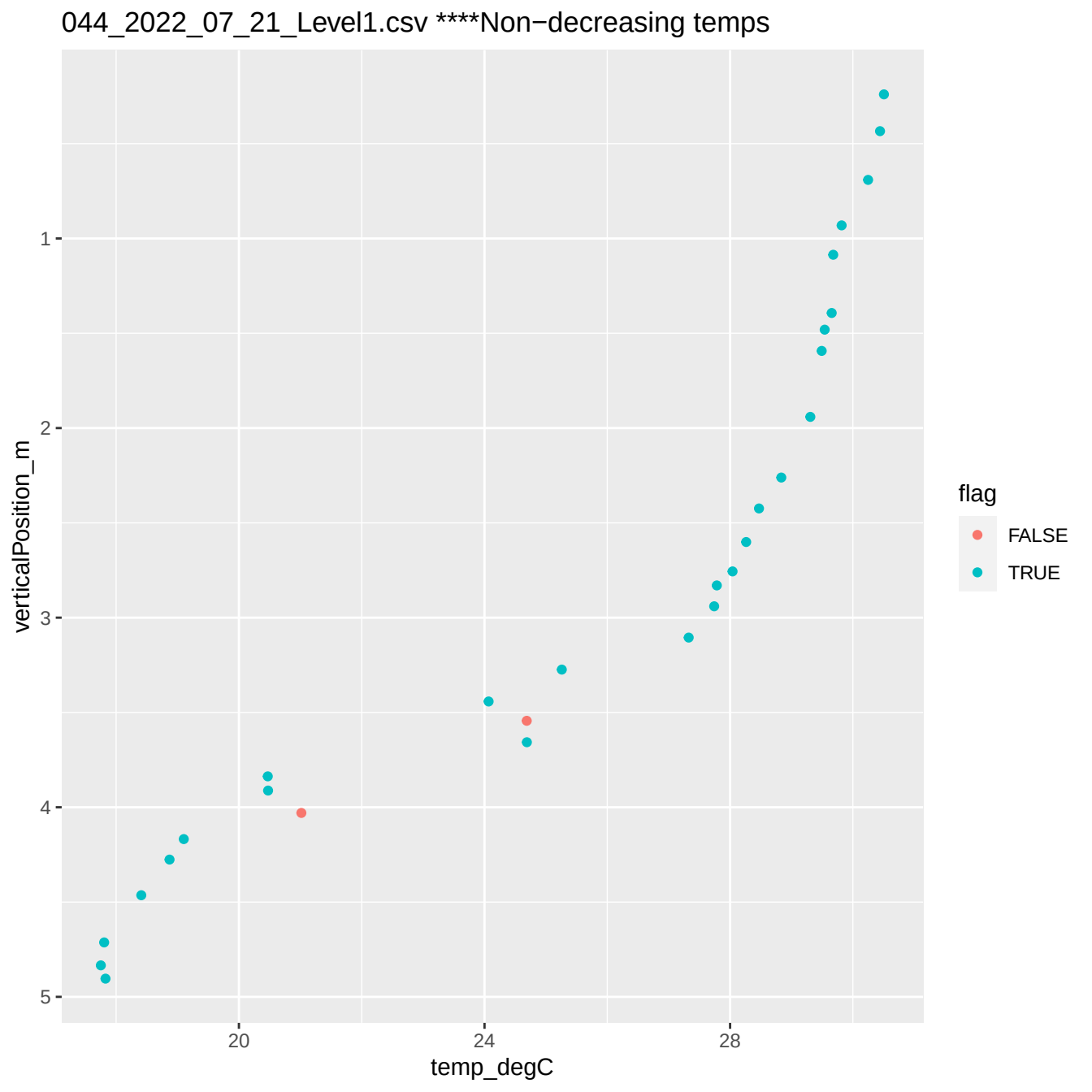

044_2022_06_14_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
0
250
500
750
turbidity_FNU

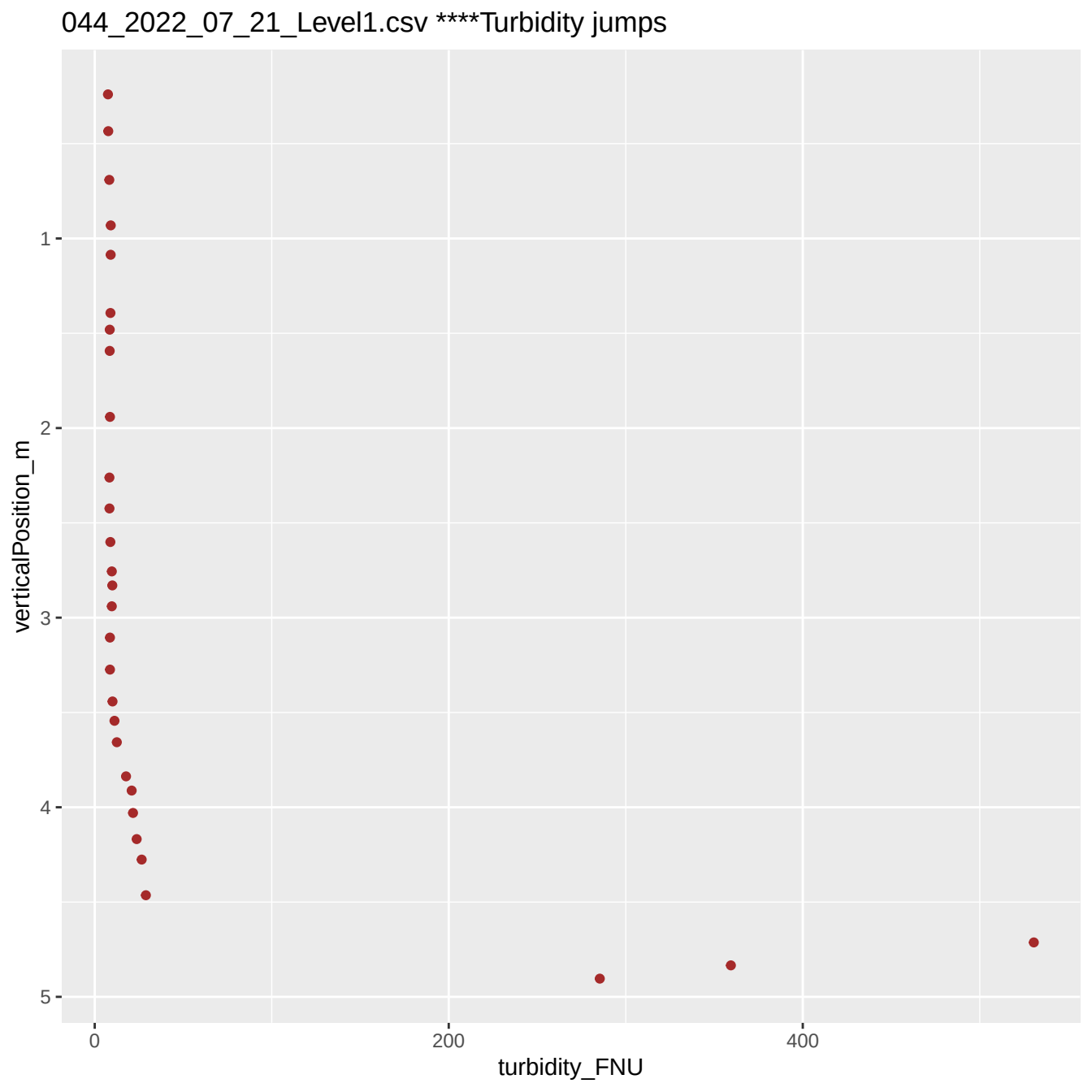

044_2022_06_30_Level1.csv ****Depth vs. time
verticalPosition_m
2.5
2.0
1.5
1.0
0.5
30
40
50
00
10
dateTime

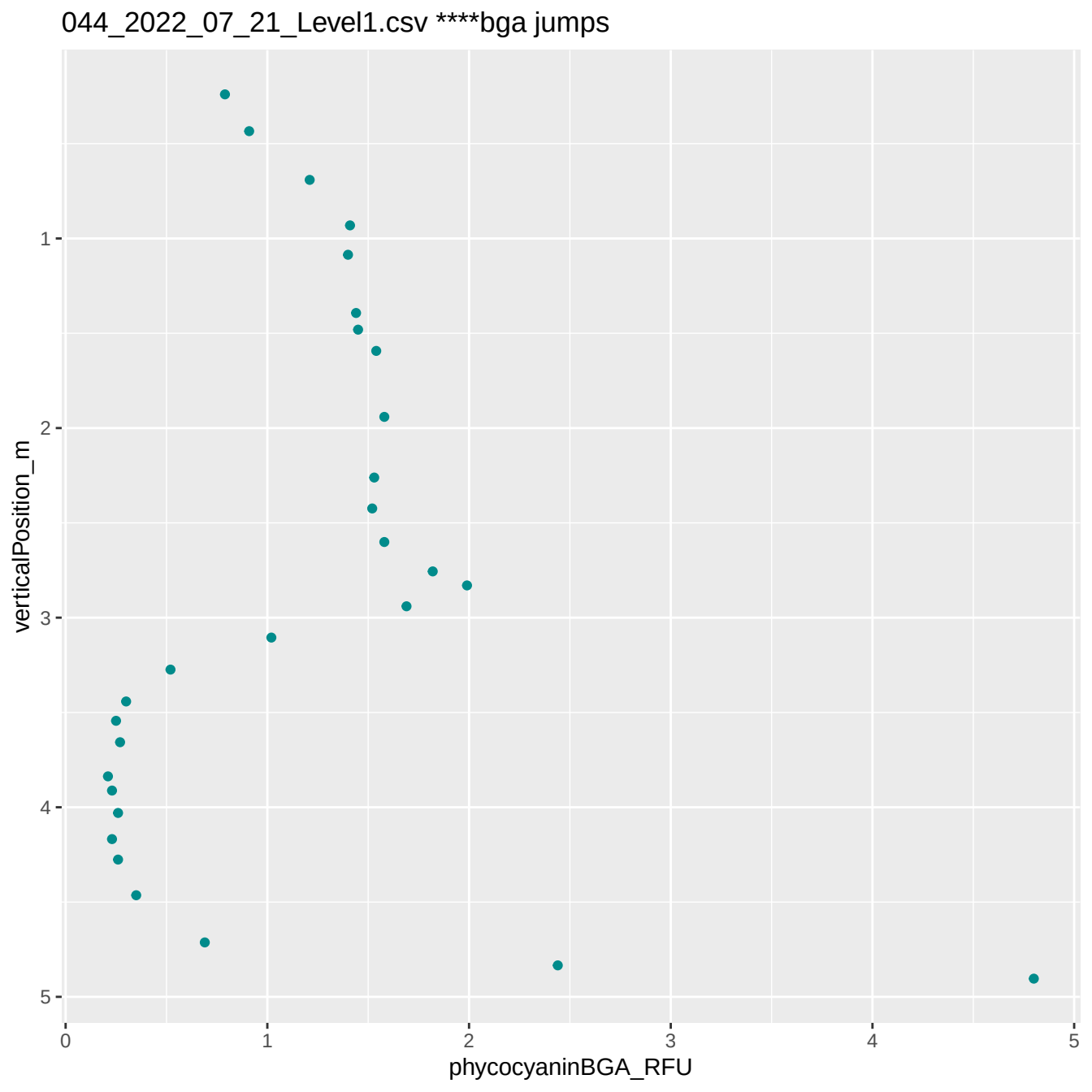

044_2022_06_30_Level1.csv ****bga jumps
verticalPosition_m
0.5
1.0
1.5
2.0
2.5
0.0
0.1
0.2
0.3
0.4
0.5
phycocyaninBGA_RFU

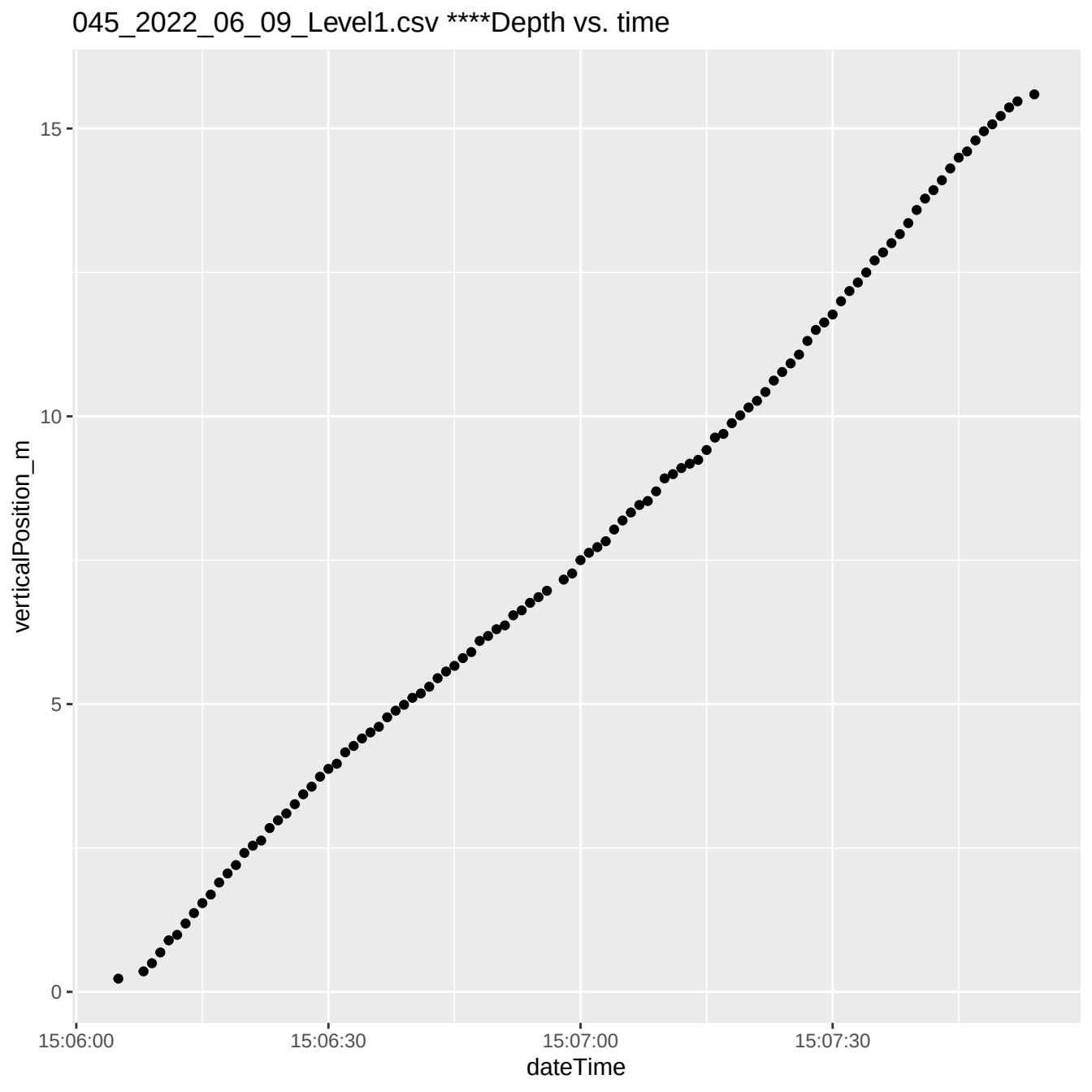

044_2022_07_21_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
10
20
30
dateTime

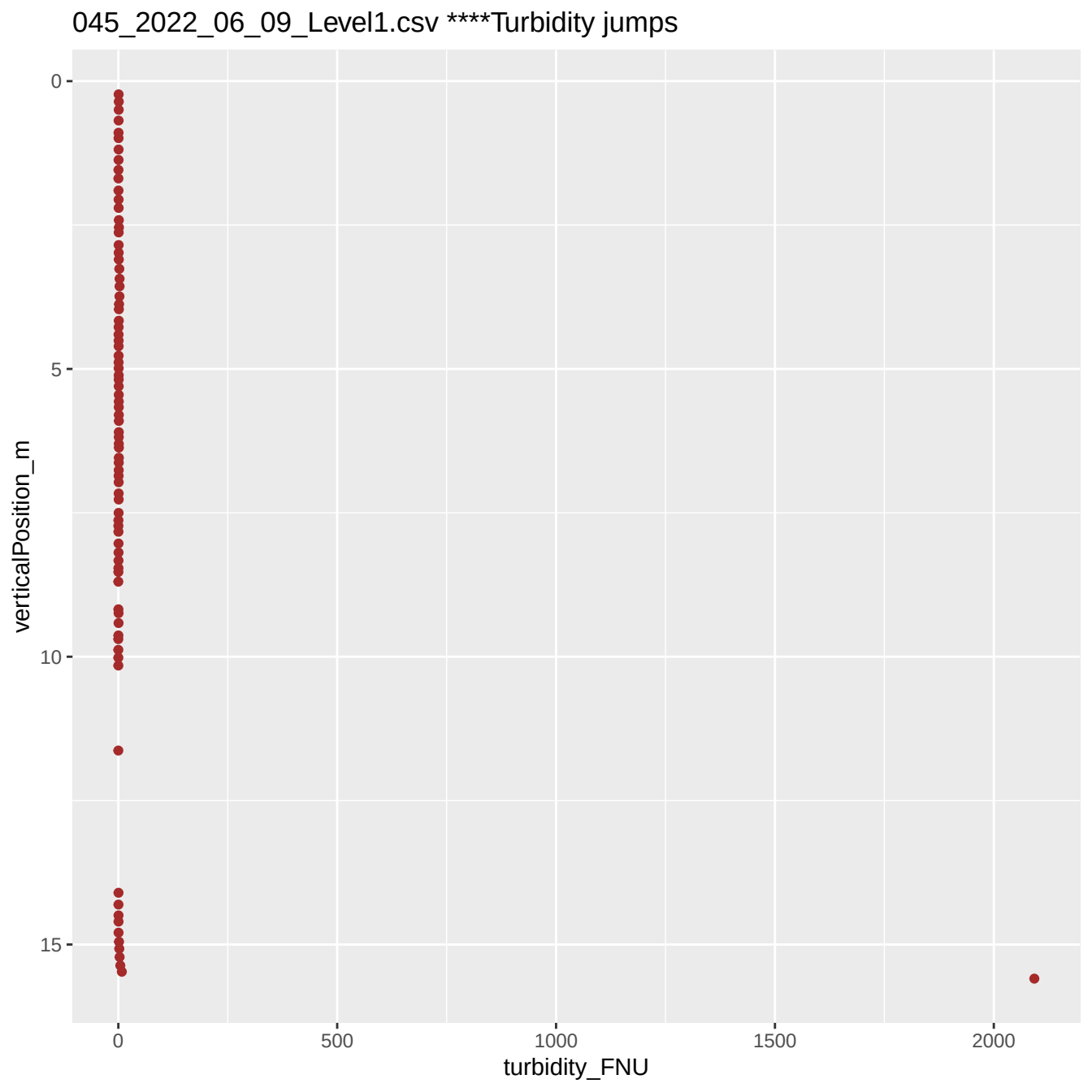

044_2022_07_21_Level1.csv ****Non−monotonic densities
verticalPosition_m
1
2
3
4
5
996
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

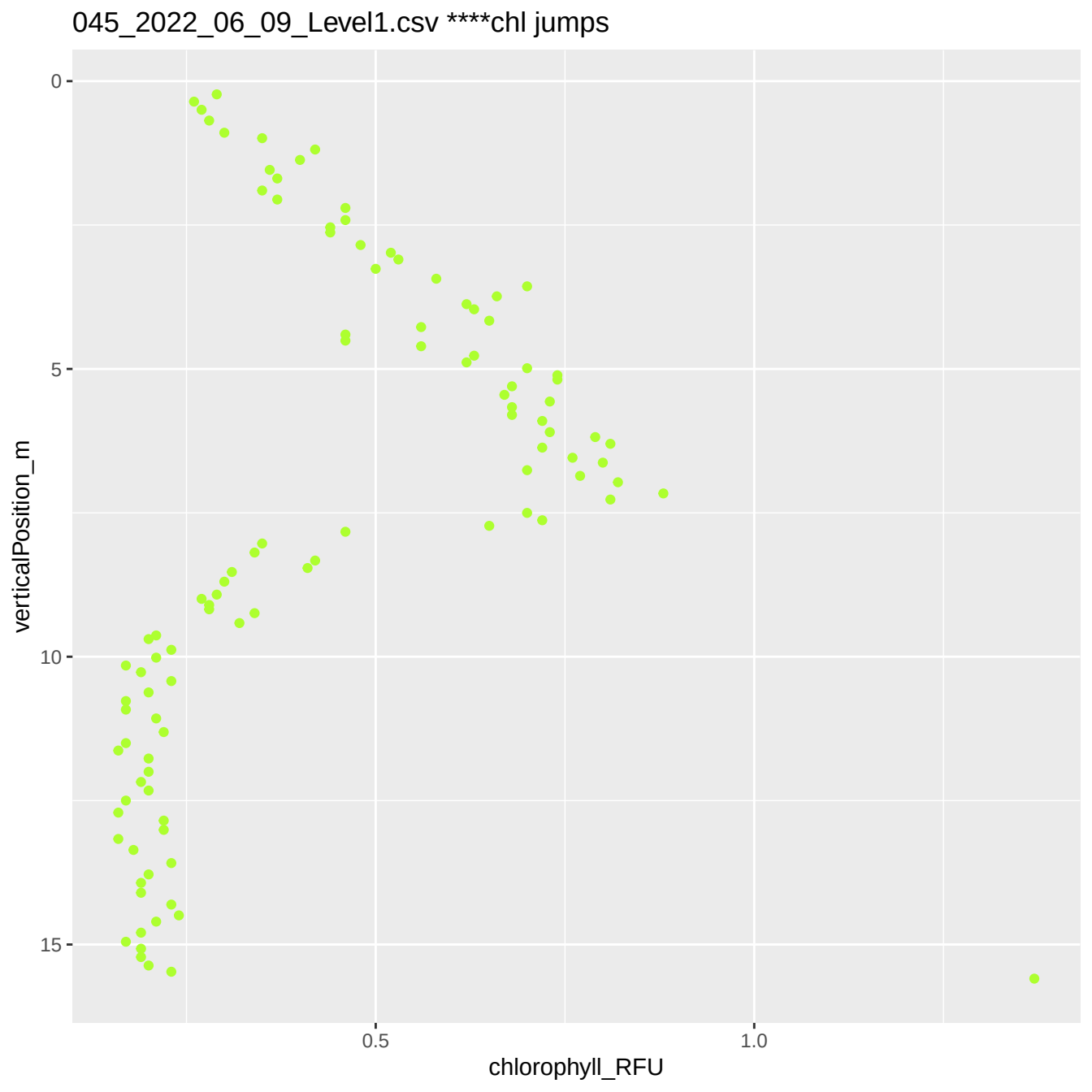

044_2022_07_21_Level1.csv ****Non−decreasing temps
verticalPosition_m
1
2
3
4
5
20
24
28
temp_degC
flag
FALSE
TRUE

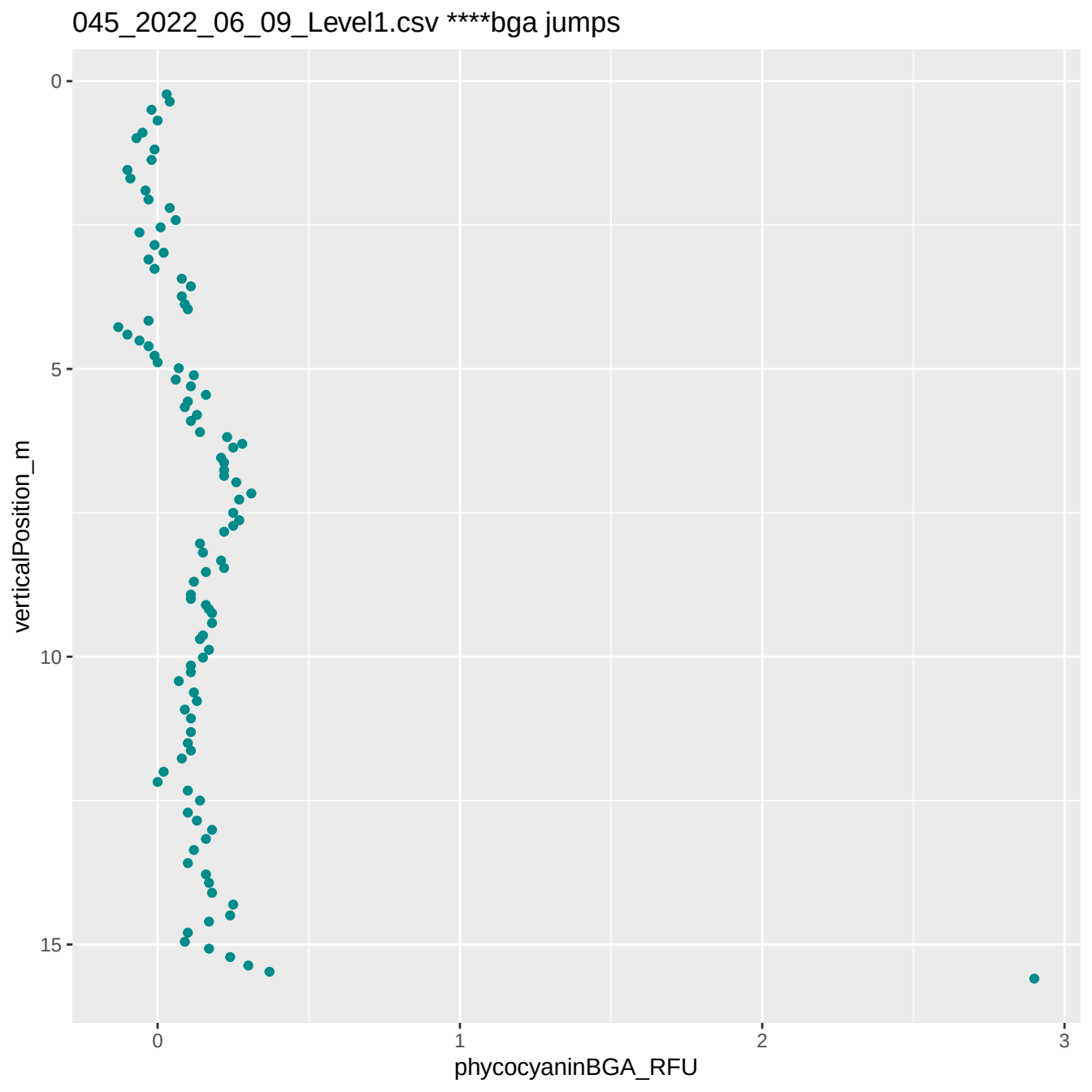

044_2022_07_21_Level1.csv ****Turbidity jumps
verticalPosition_m
1
2
3
4
5
0
200
400
turbidity_FNU

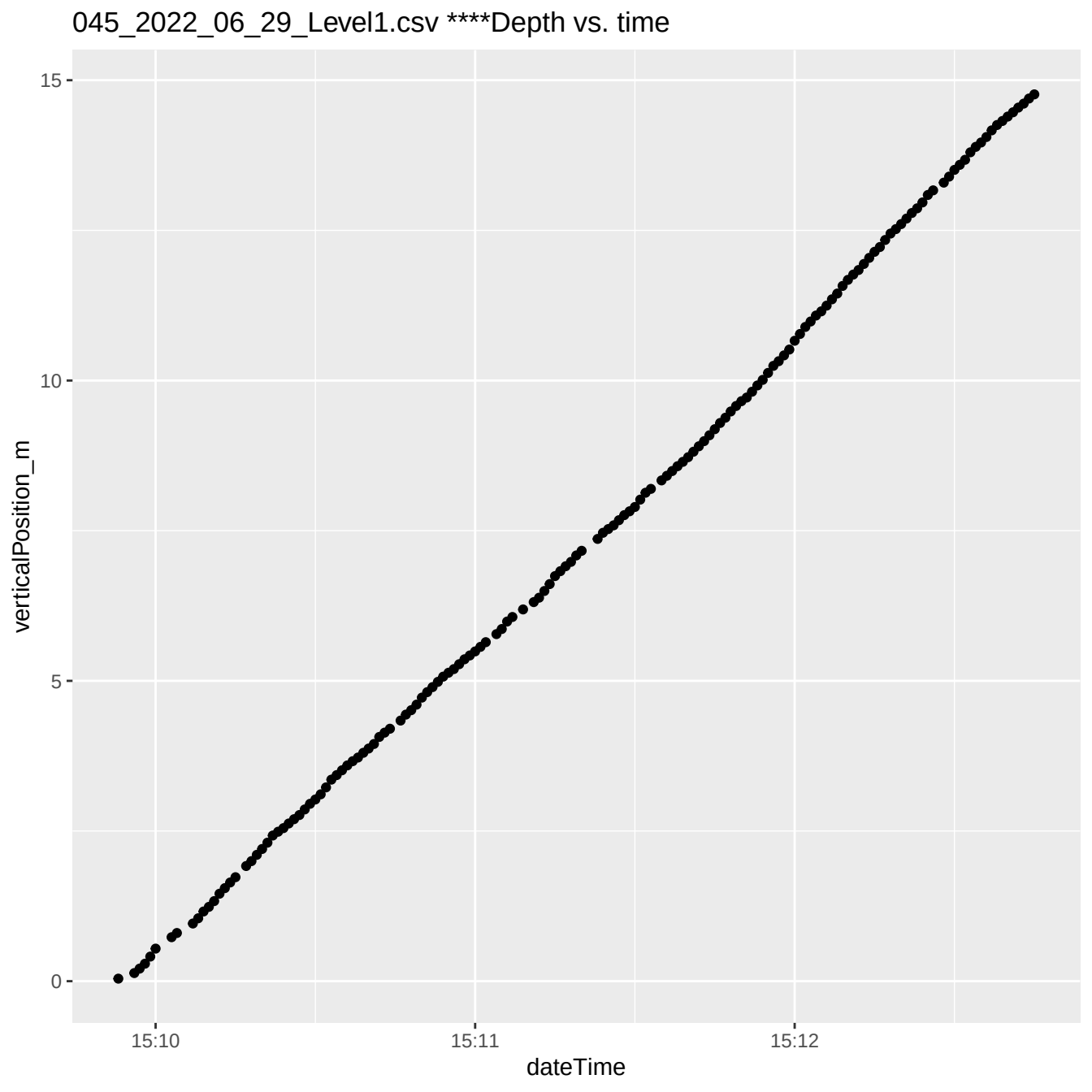

044_2022_07_21_Level1.csv ****bga jumps
verticalPosition_m
1
2
3
4
5
0
1
2
3
4
5
phycocyaninBGA_RFU

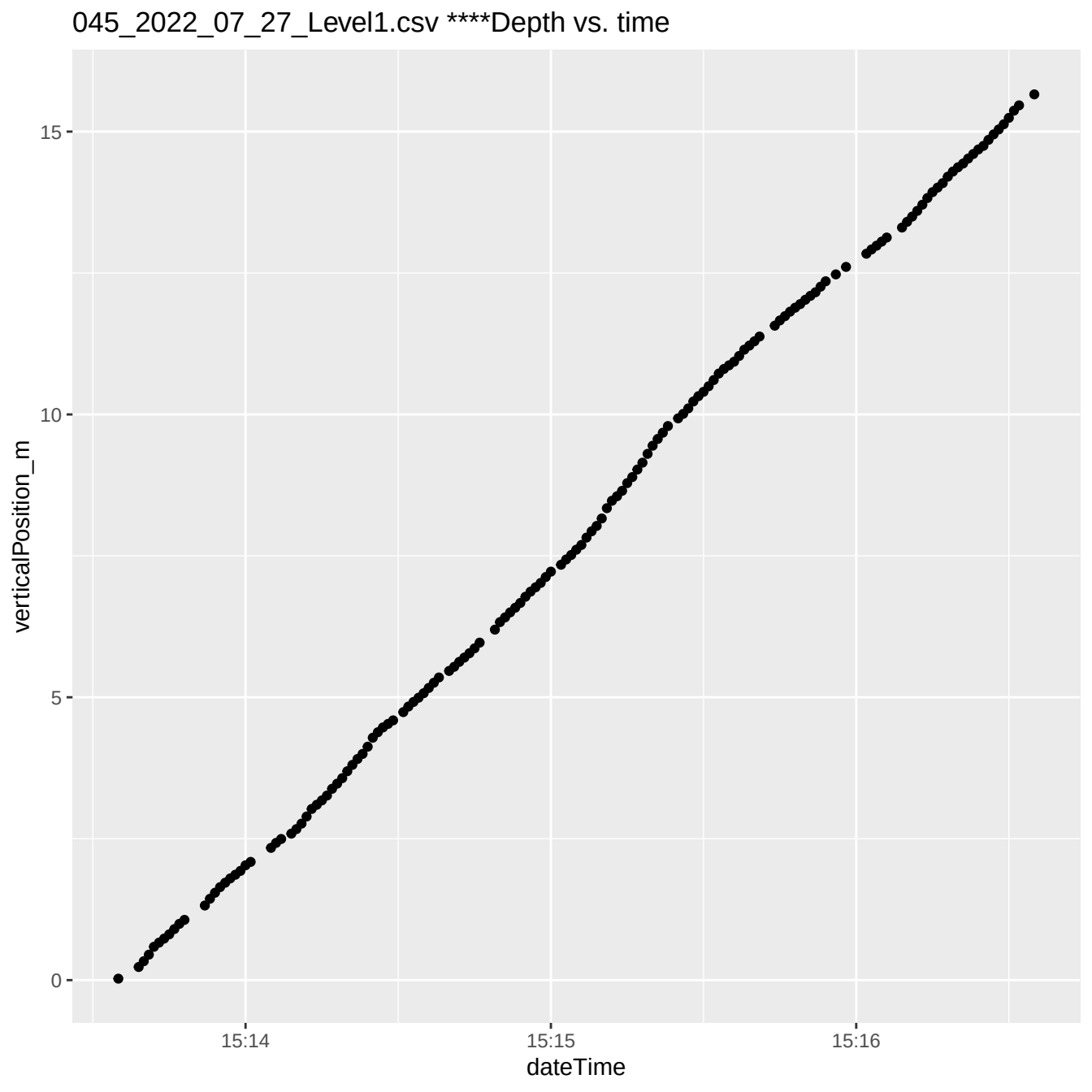

045_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
15:06:00
15:06:30
15:07:00
15:07:30
dateTime

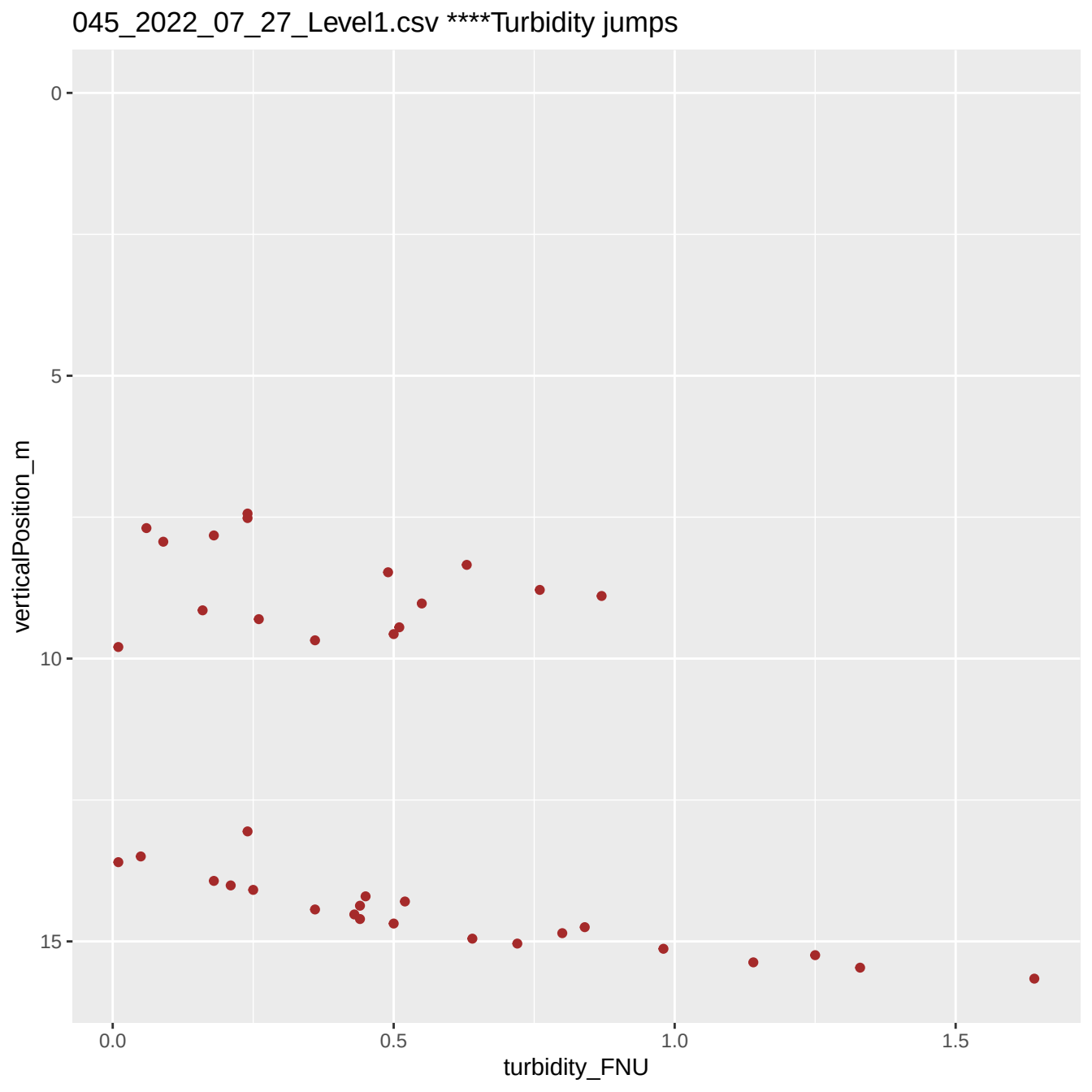

045_2022_06_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
turbidity_FNU
0
500
1000
1500
2000

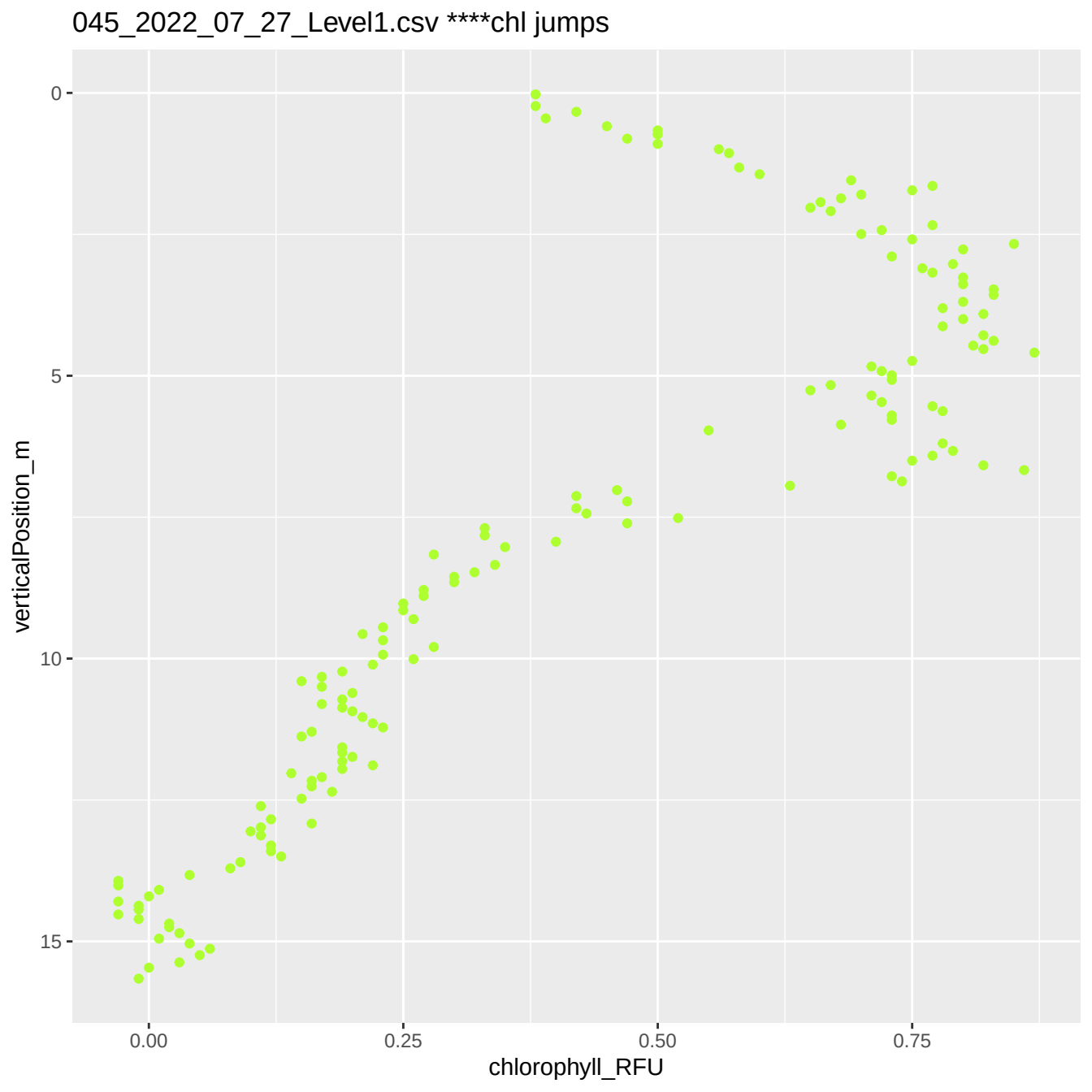

045_2022_06_09_Level1.csv ****chl jumps
0
5
10
15
verticalPosition_m
0.5
1.0
chlorophyll_RFU

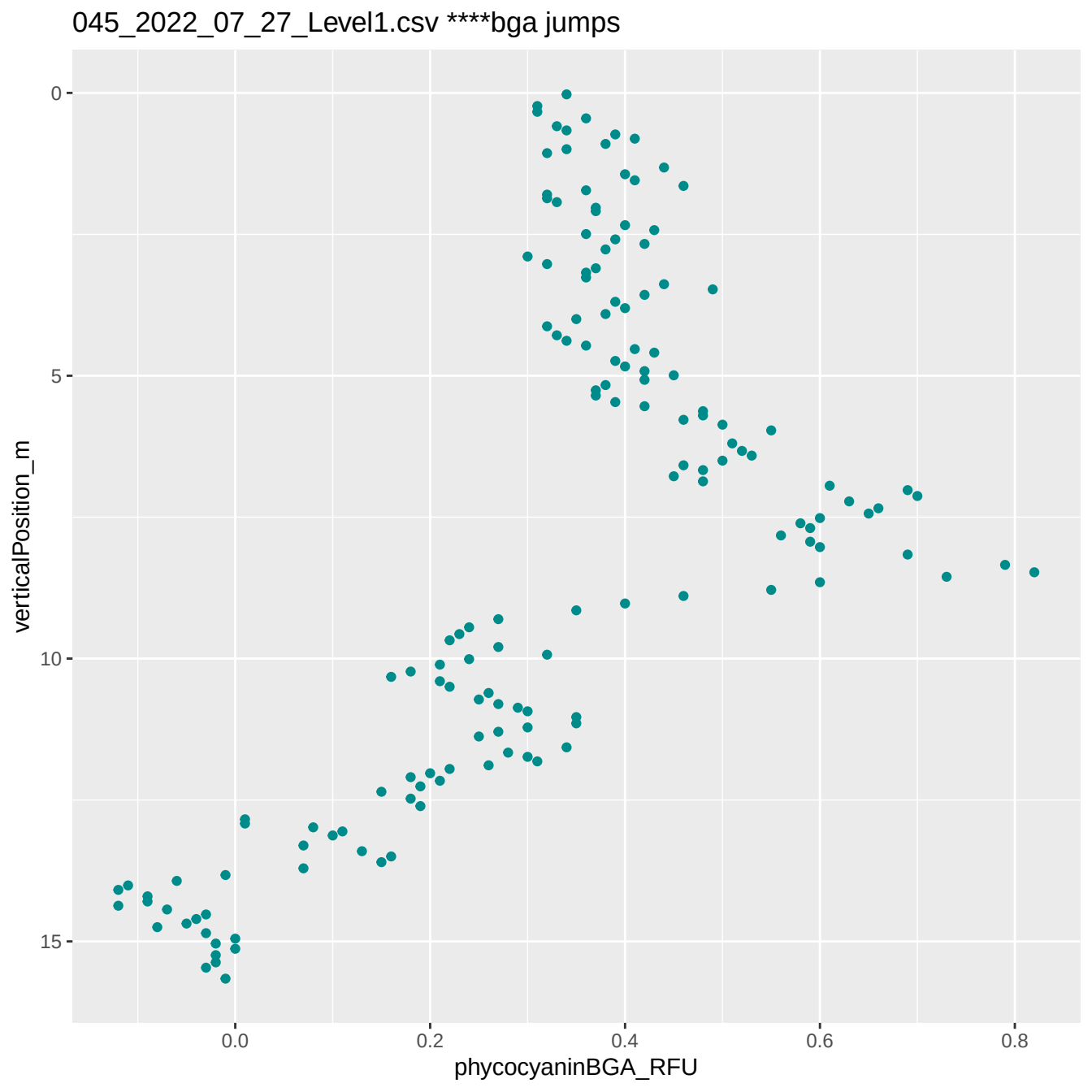

045_2022_06_09_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0
1
2
3
phycocyaninBGA_RFU

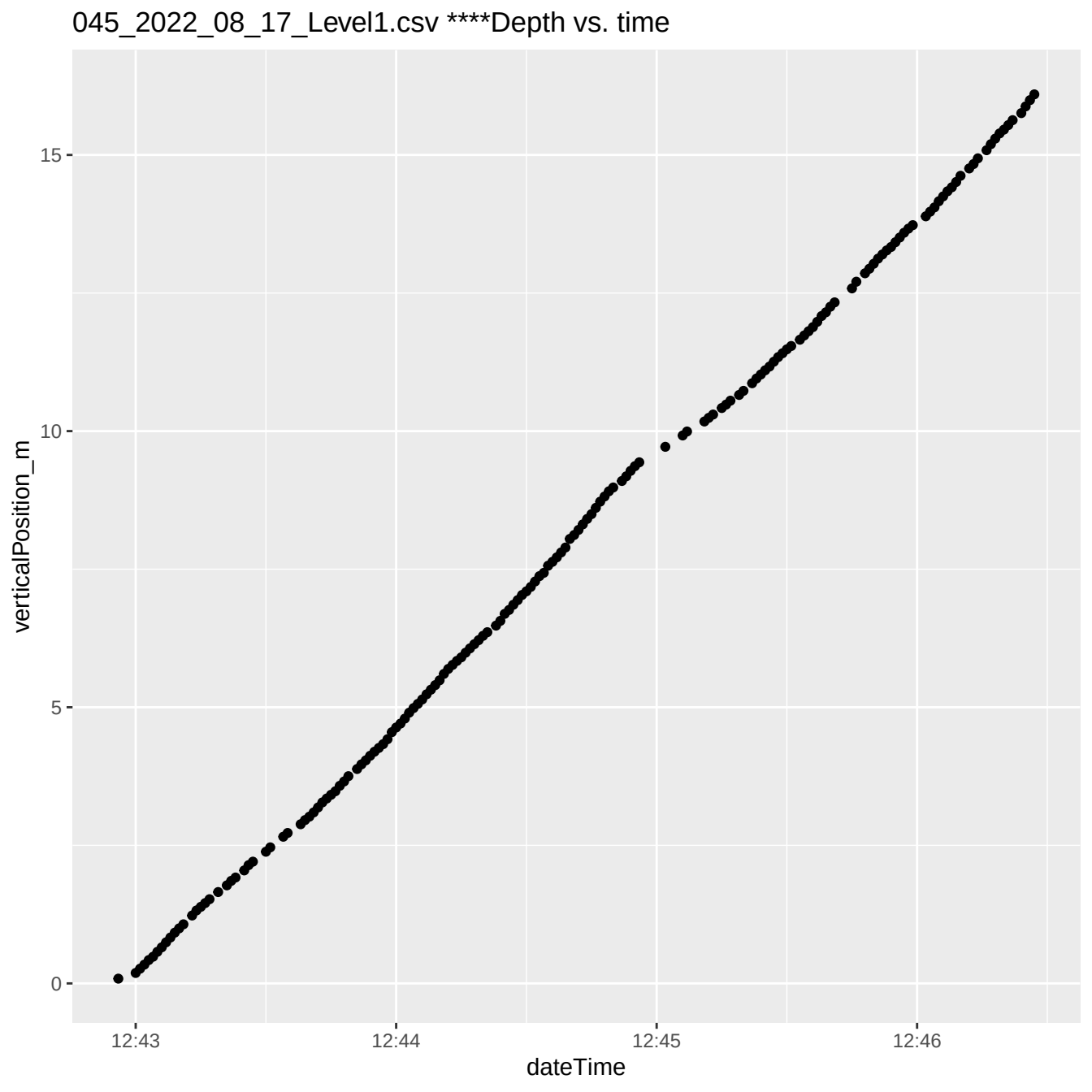

045_2022_06_29_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
15:10
15:11
15:12
dateTime

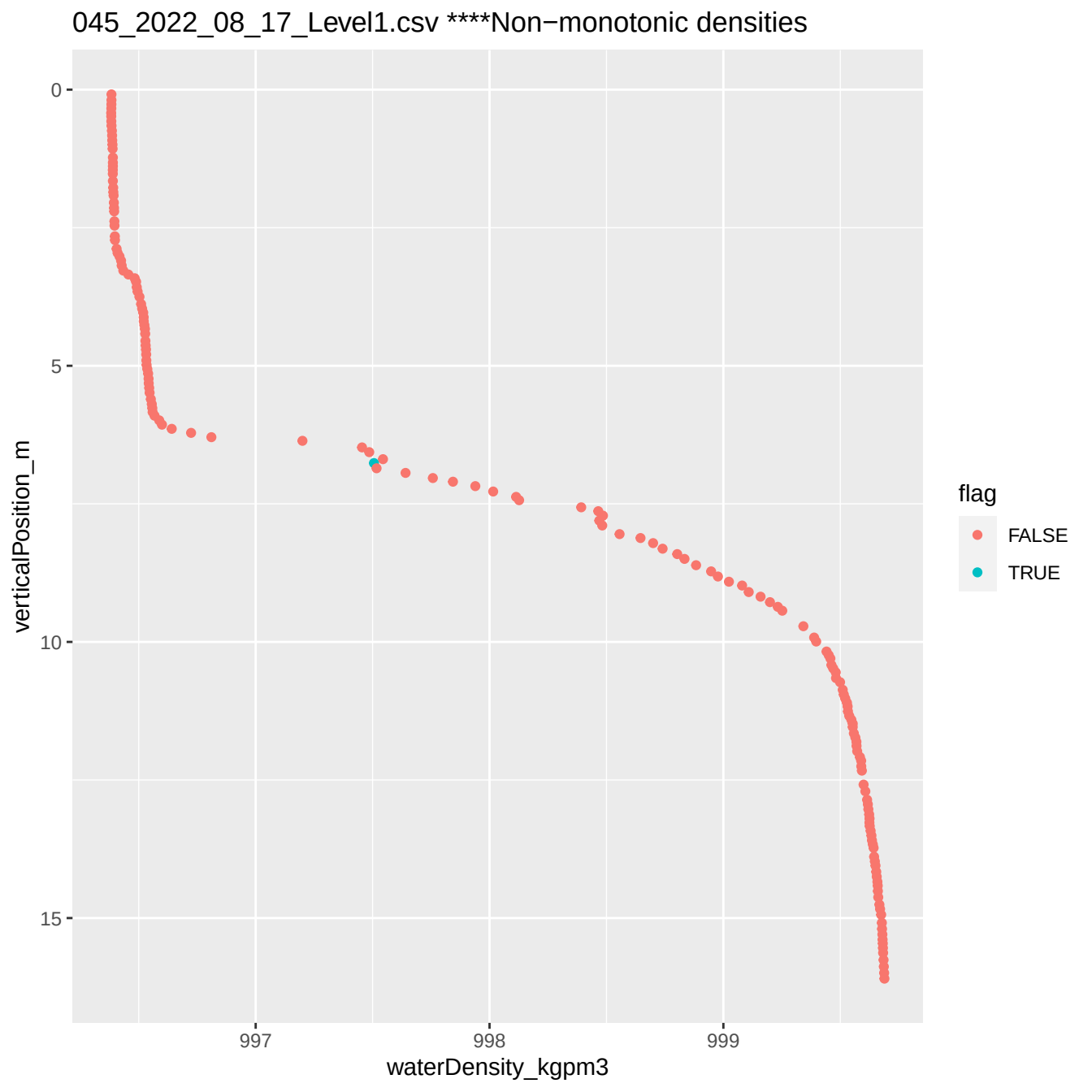

045_2022_07_27_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
15:14
15:15
15:16
dateTime

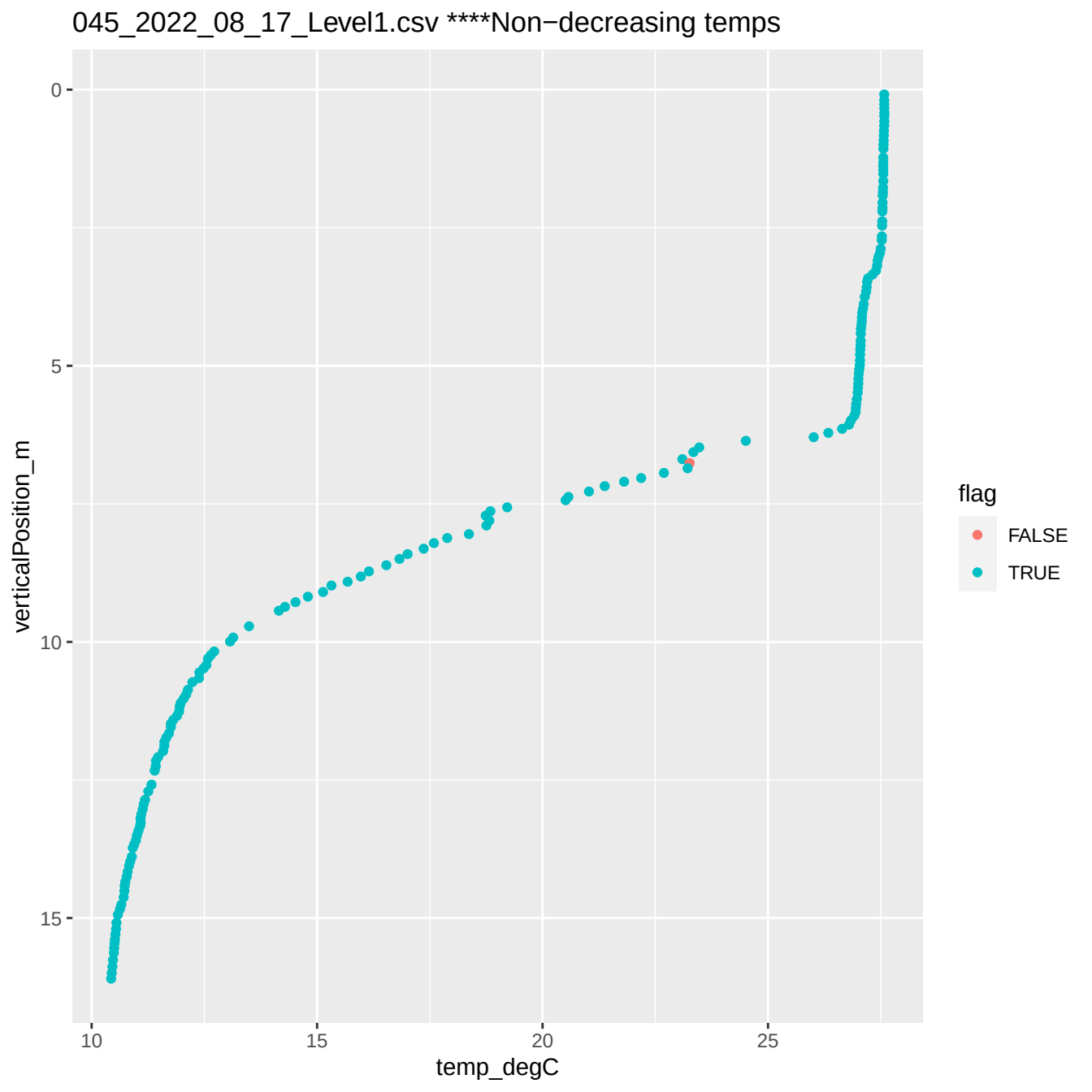

045_2022_07_27_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
1.5
turbidity_FNU

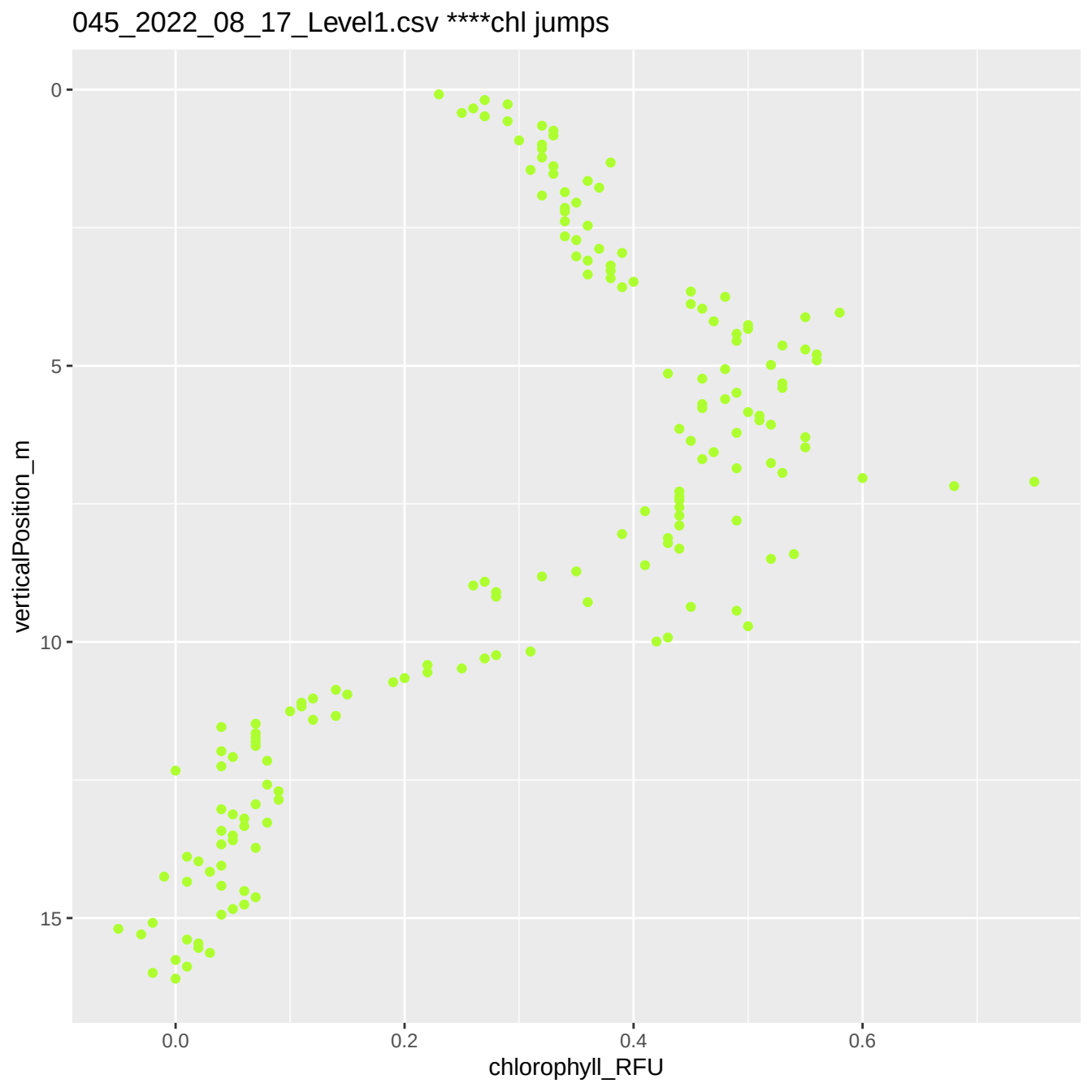

045_2022_07_27_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.00
0.25
0.50
0.75
chlorophyll_RFU

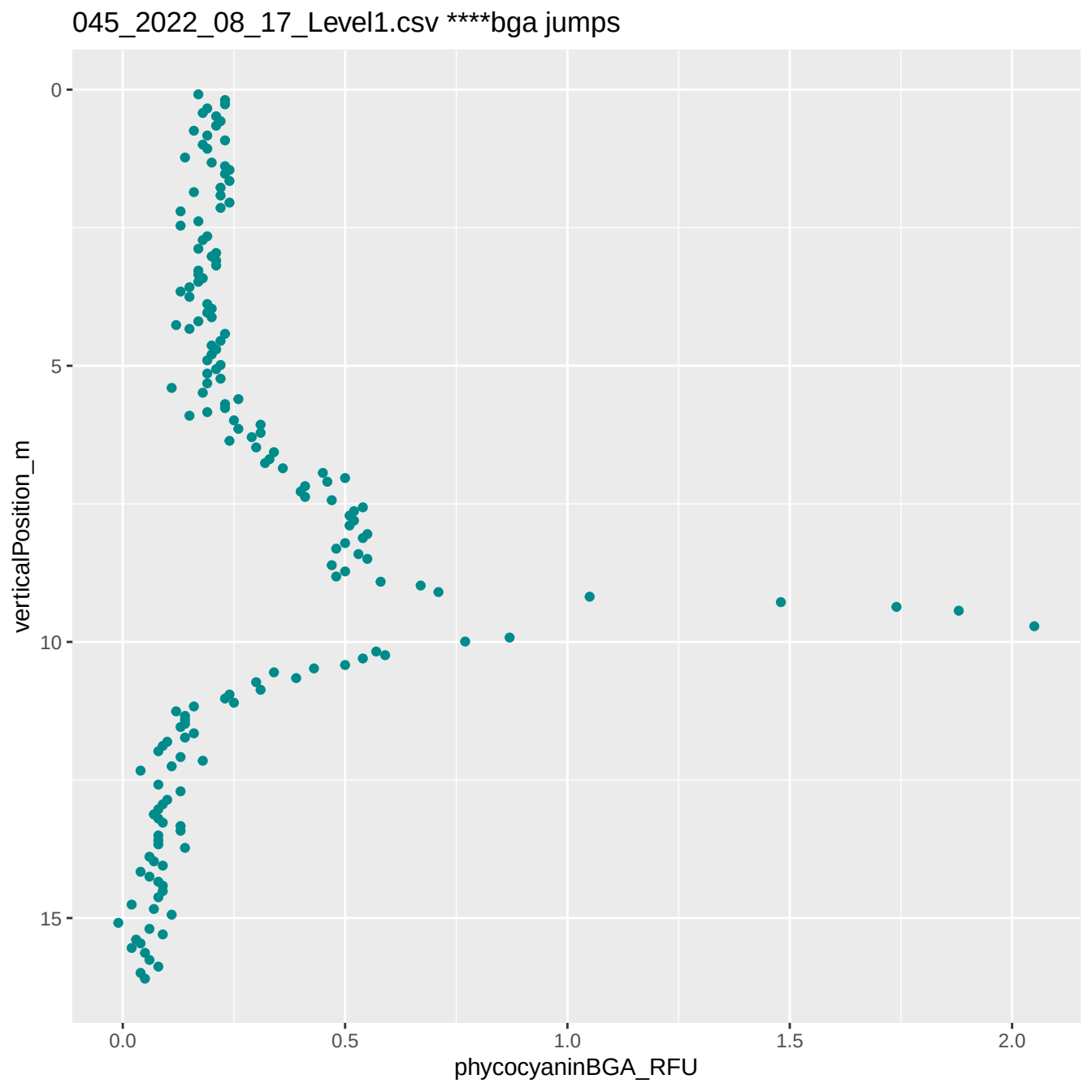

045_2022_07_27_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.2
0.4
0.6
0.8
phycocyaninBGA_RFU

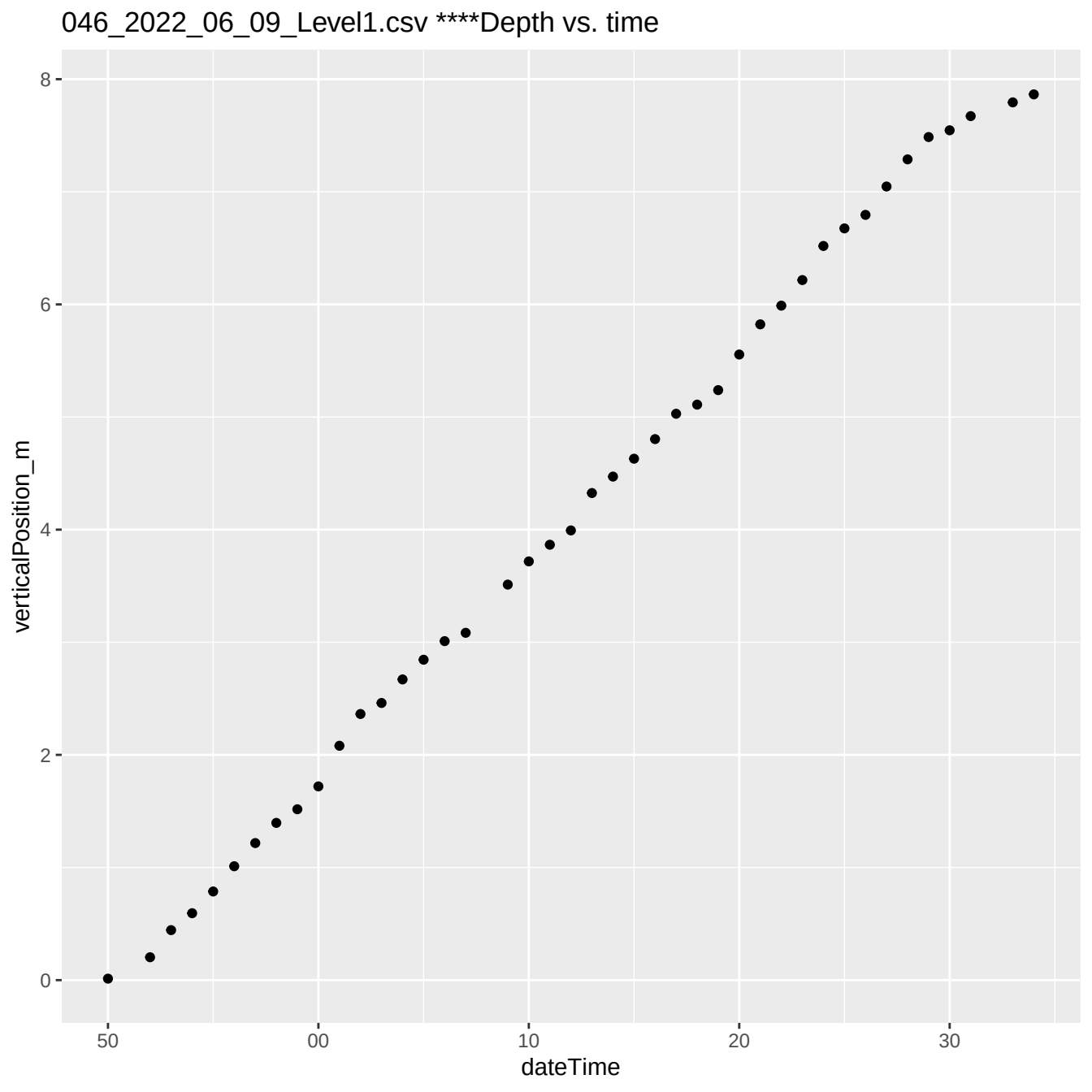

045_2022_08_17_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
12:43
12:44
12:45
12:46
dateTime

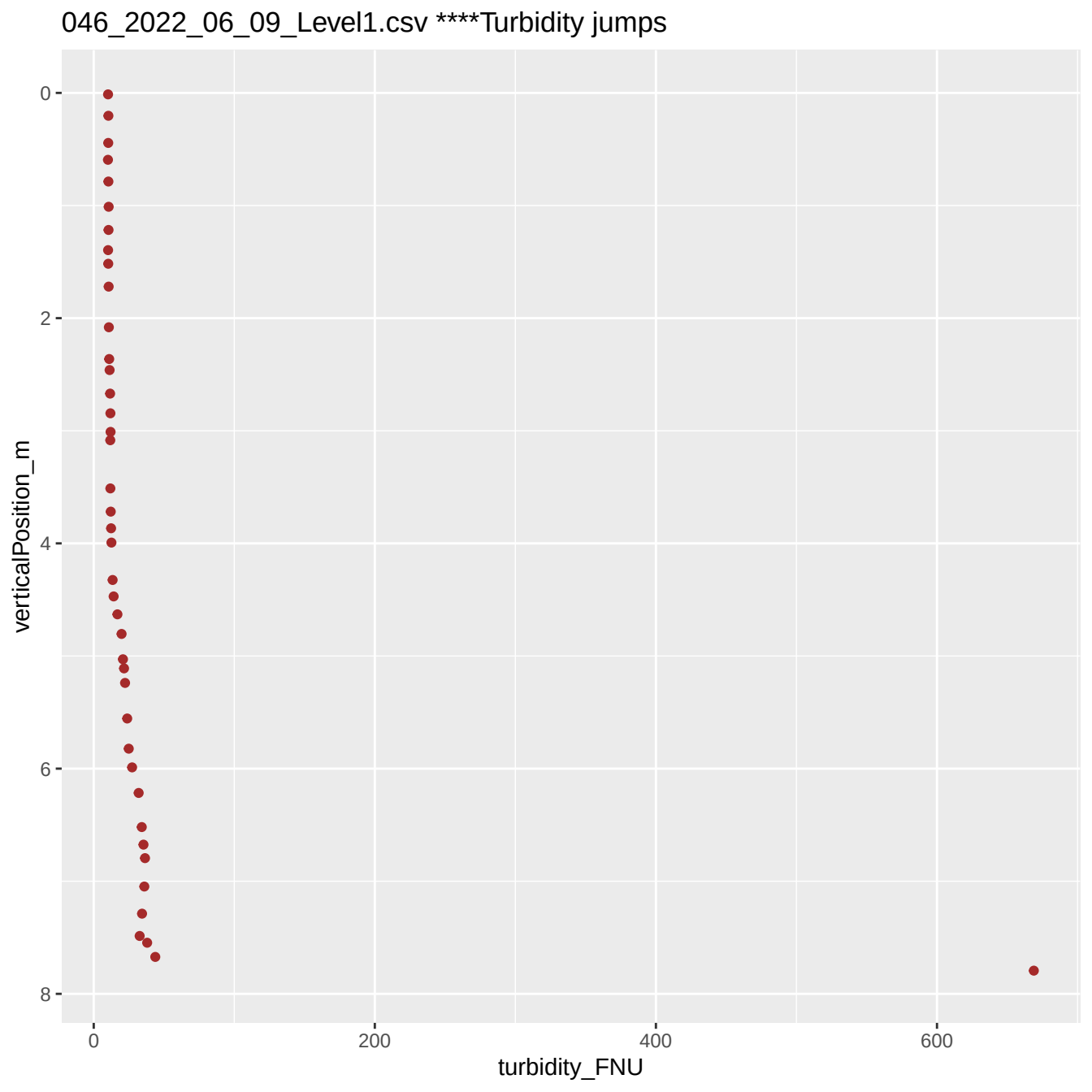

045_2022_08_17_Level1.csv ****Non−monotonic densities
0
5
10
15
verticalPosition_m
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

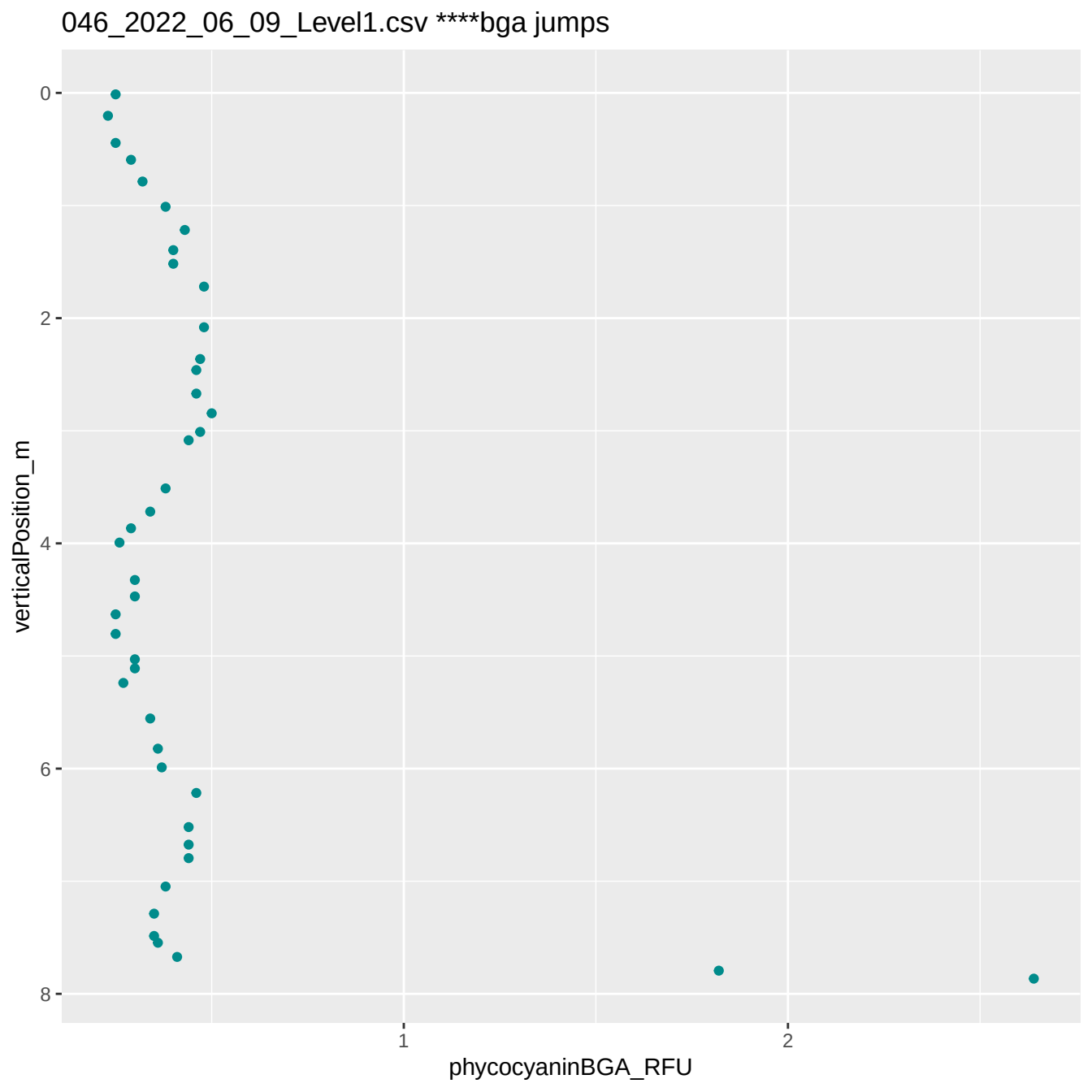

045_2022_08_17_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
temp_degC
flag
FALSE
TRUE

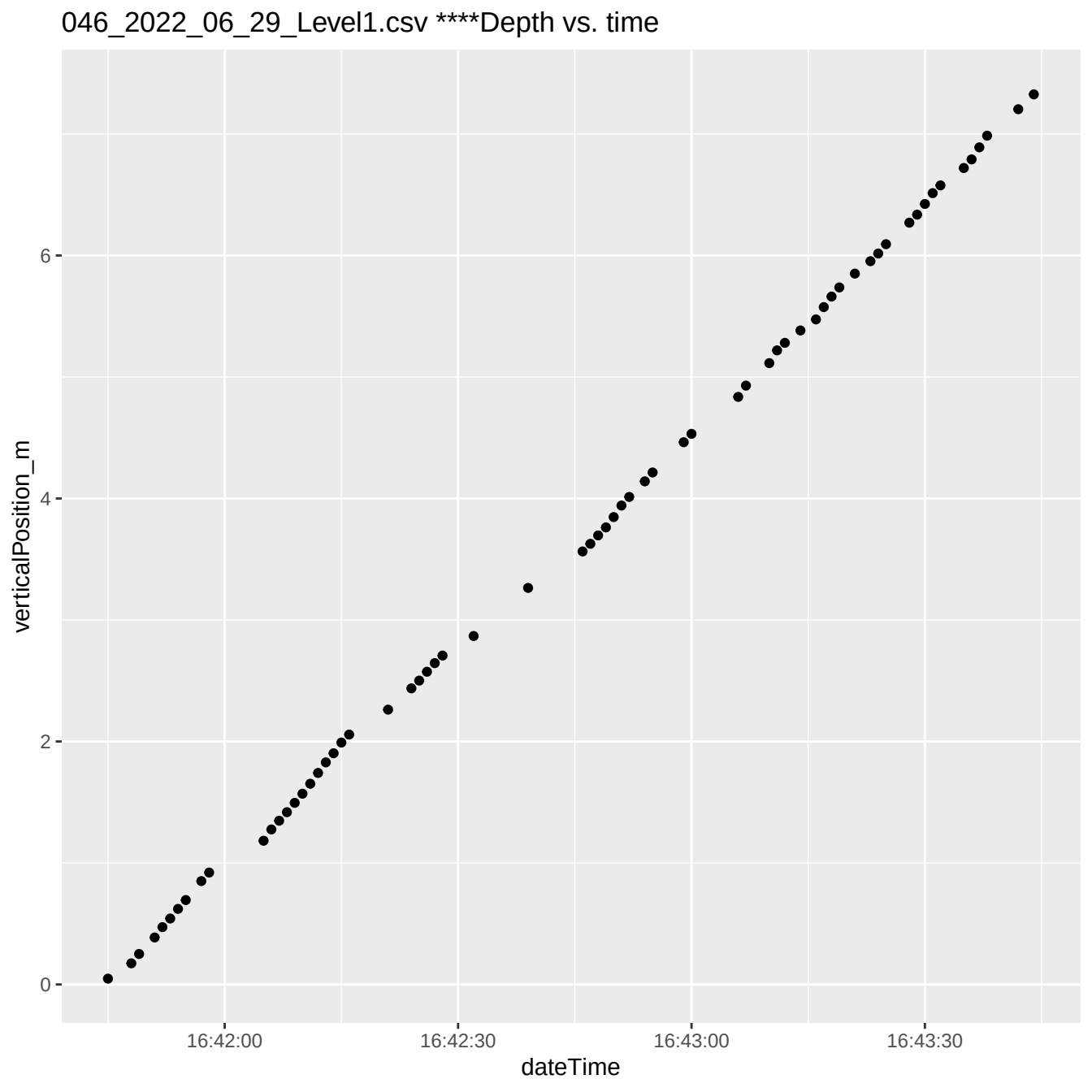

045_2022_08_17_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.0
0.2
0.4
0.6
chlorophyll_RFU

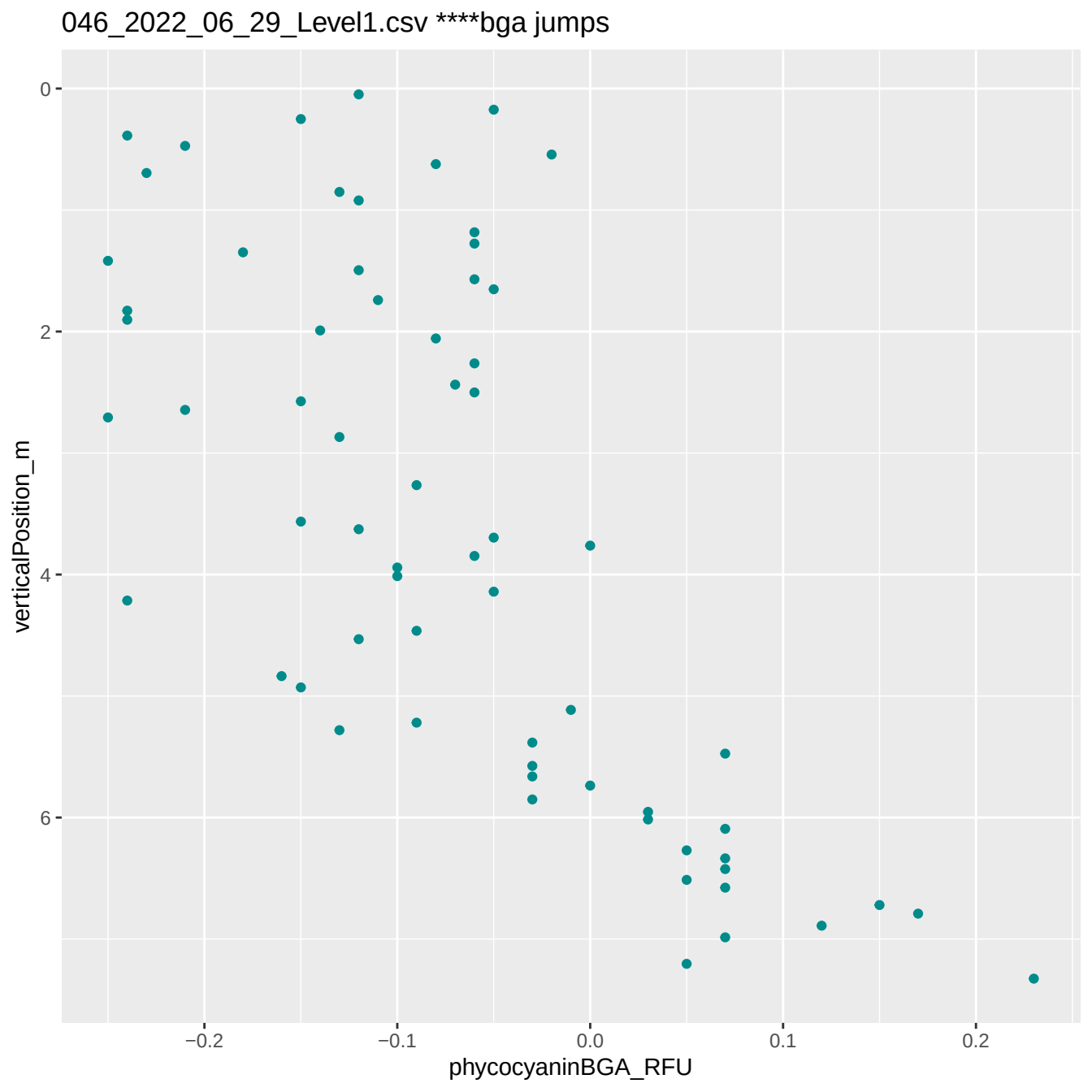

045_2022_08_17_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
1.5
2.0
phycocyaninBGA_RFU

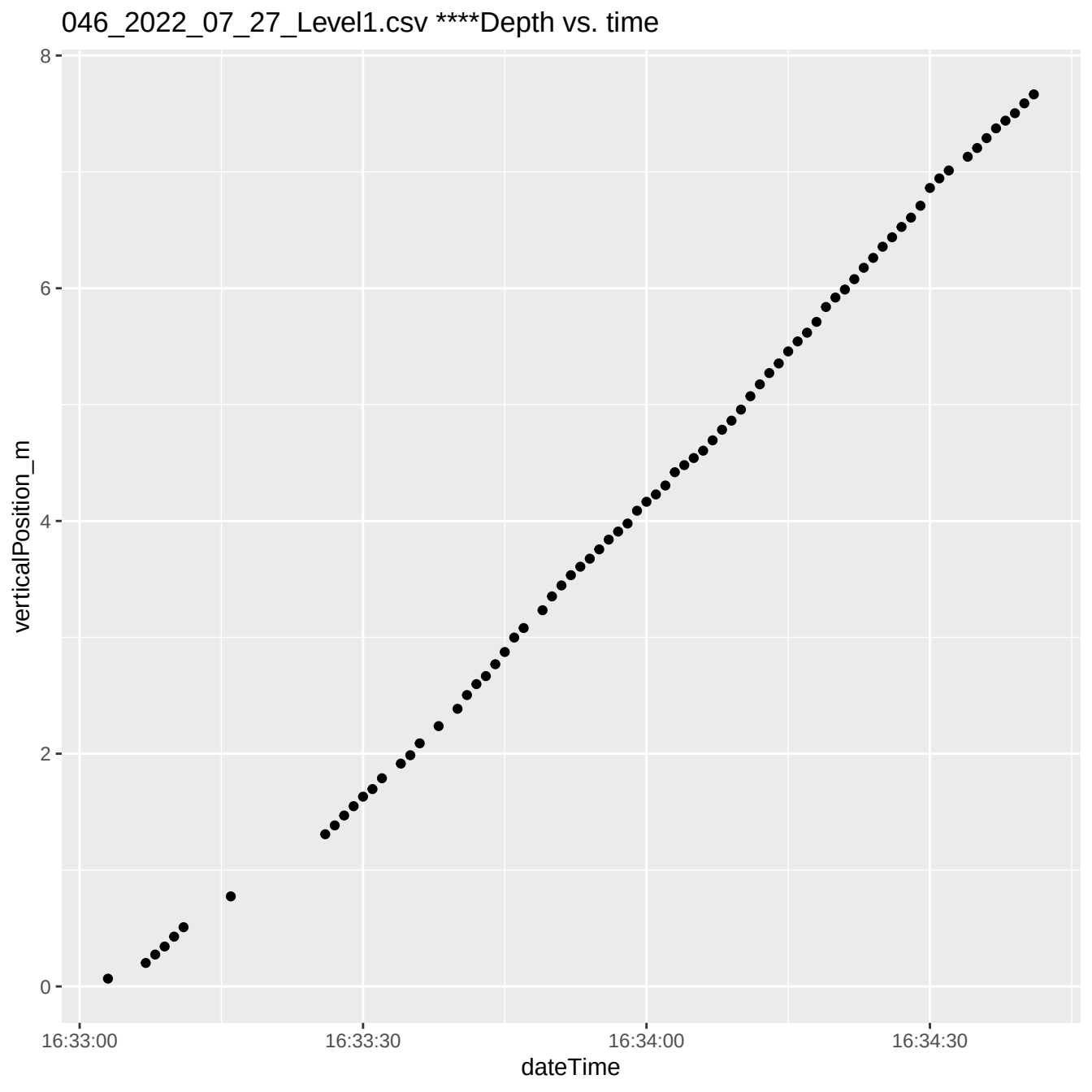

046_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
50
00
10
20
30
dateTime

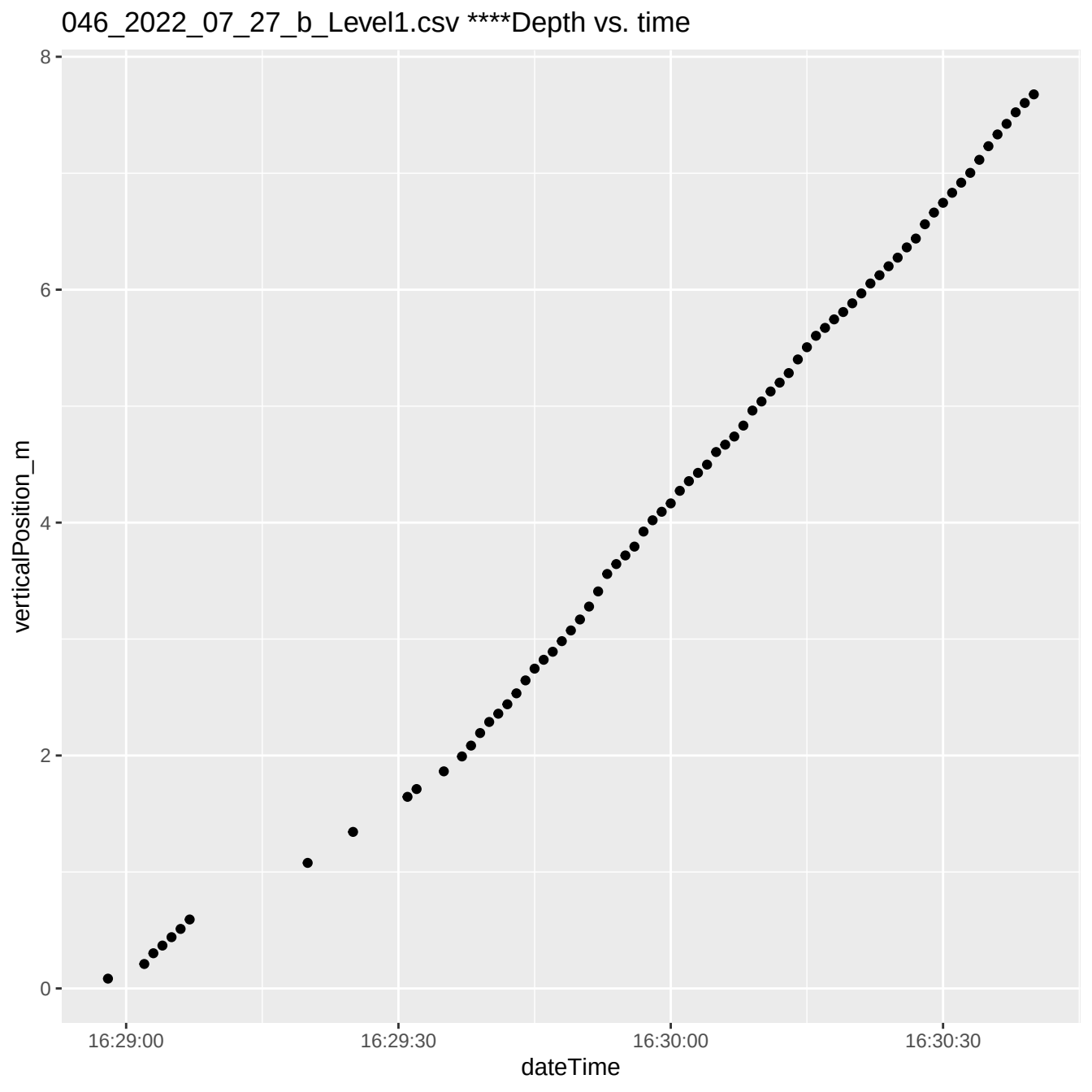

046_2022_06_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
0
200
400
600
turbidity_FNU

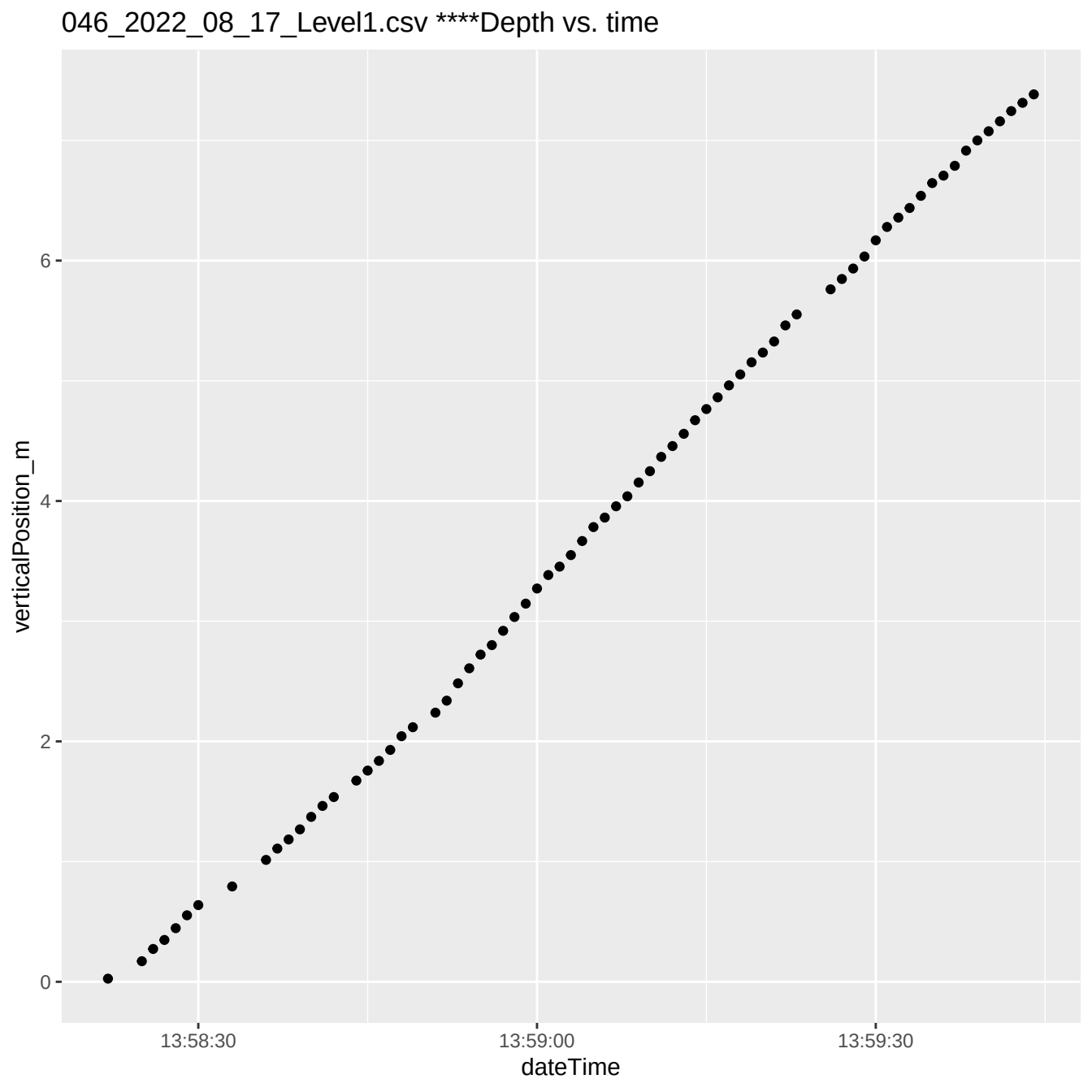

046_2022_06_09_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
1
2
phycocyaninBGA_RFU

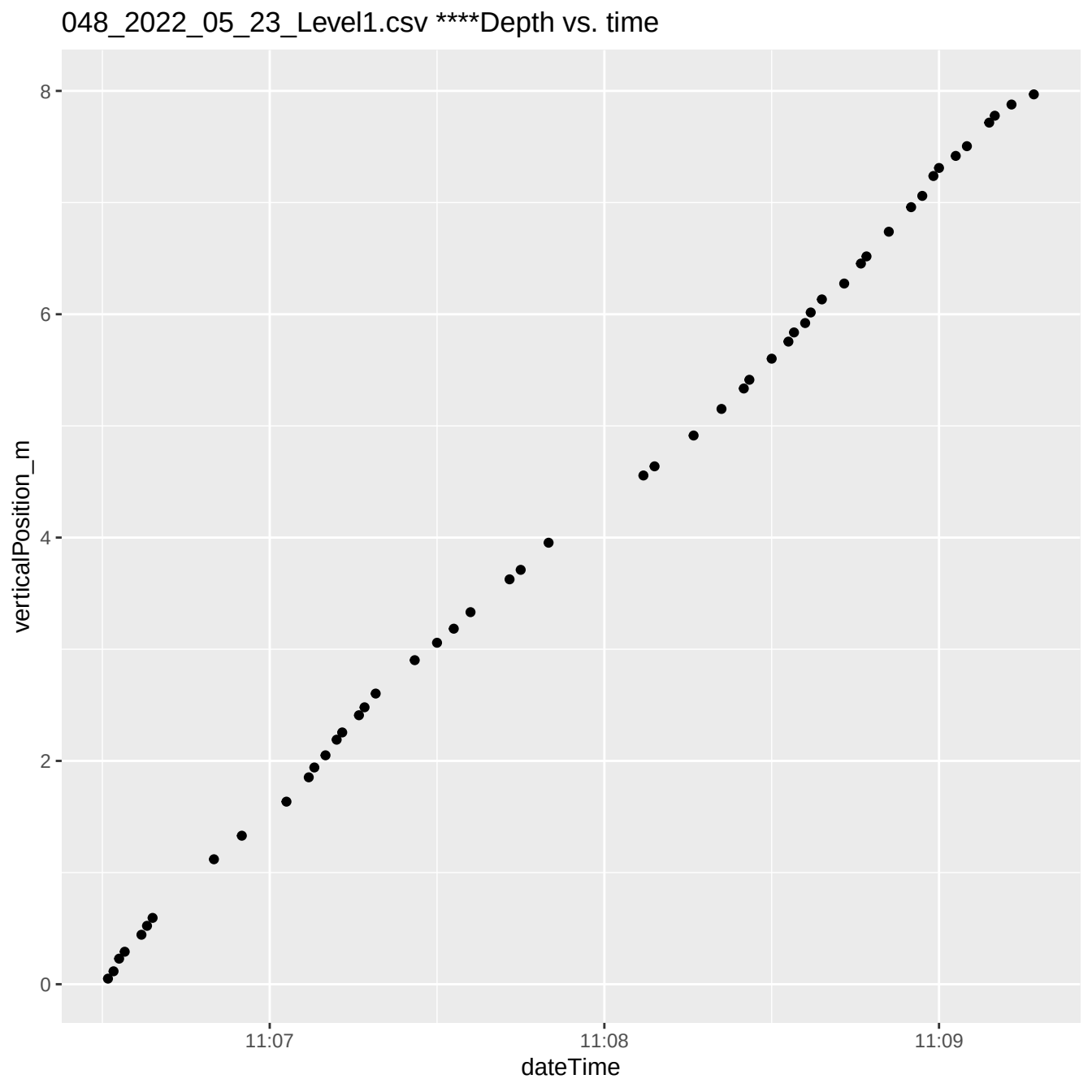

046_2022_06_29_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
16:42:00
16:42:30
16:43:00
16:43:30
dateTime

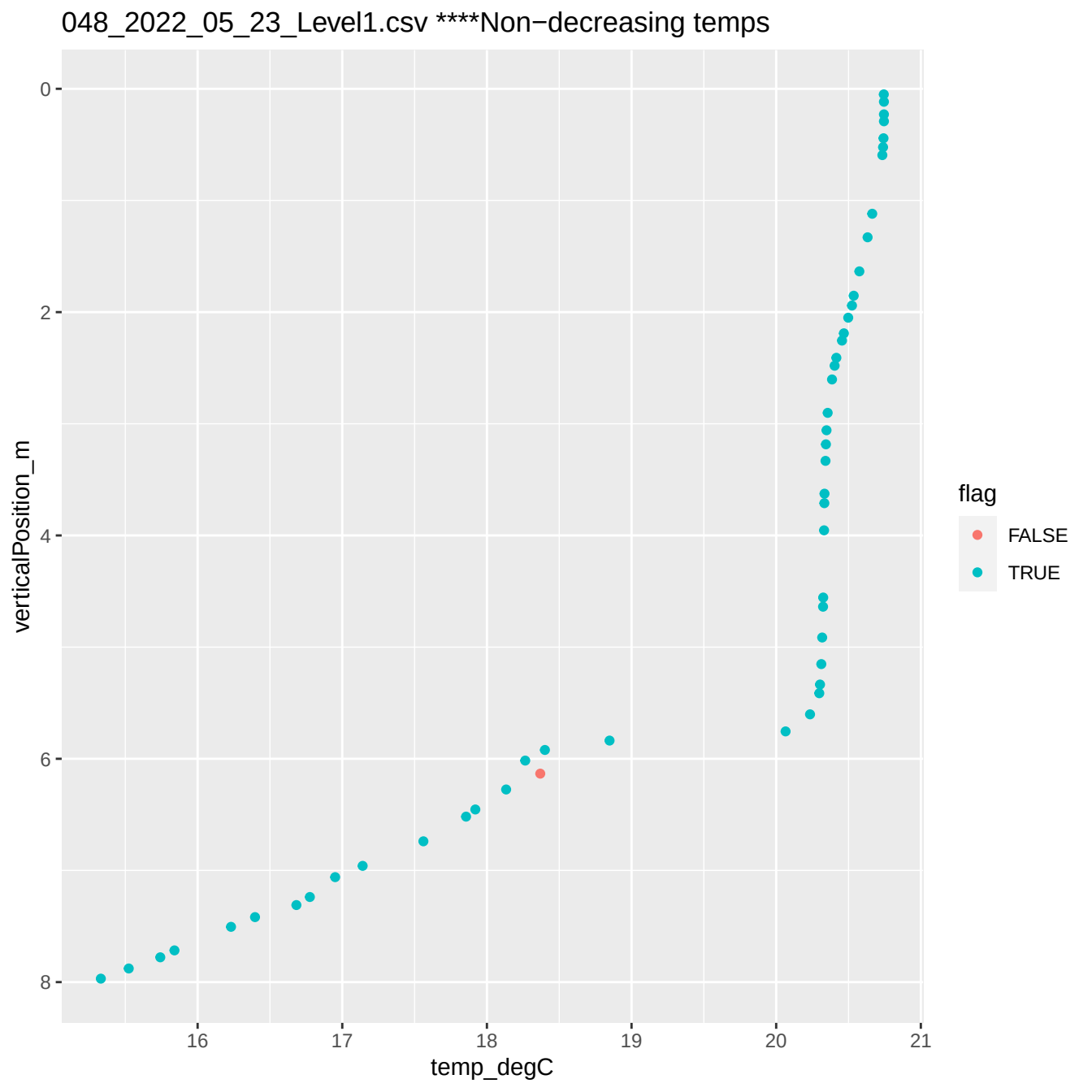

046_2022_06_29_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
−0.2
−0.1
0.0
0.1
0.2
phycocyaninBGA_RFU

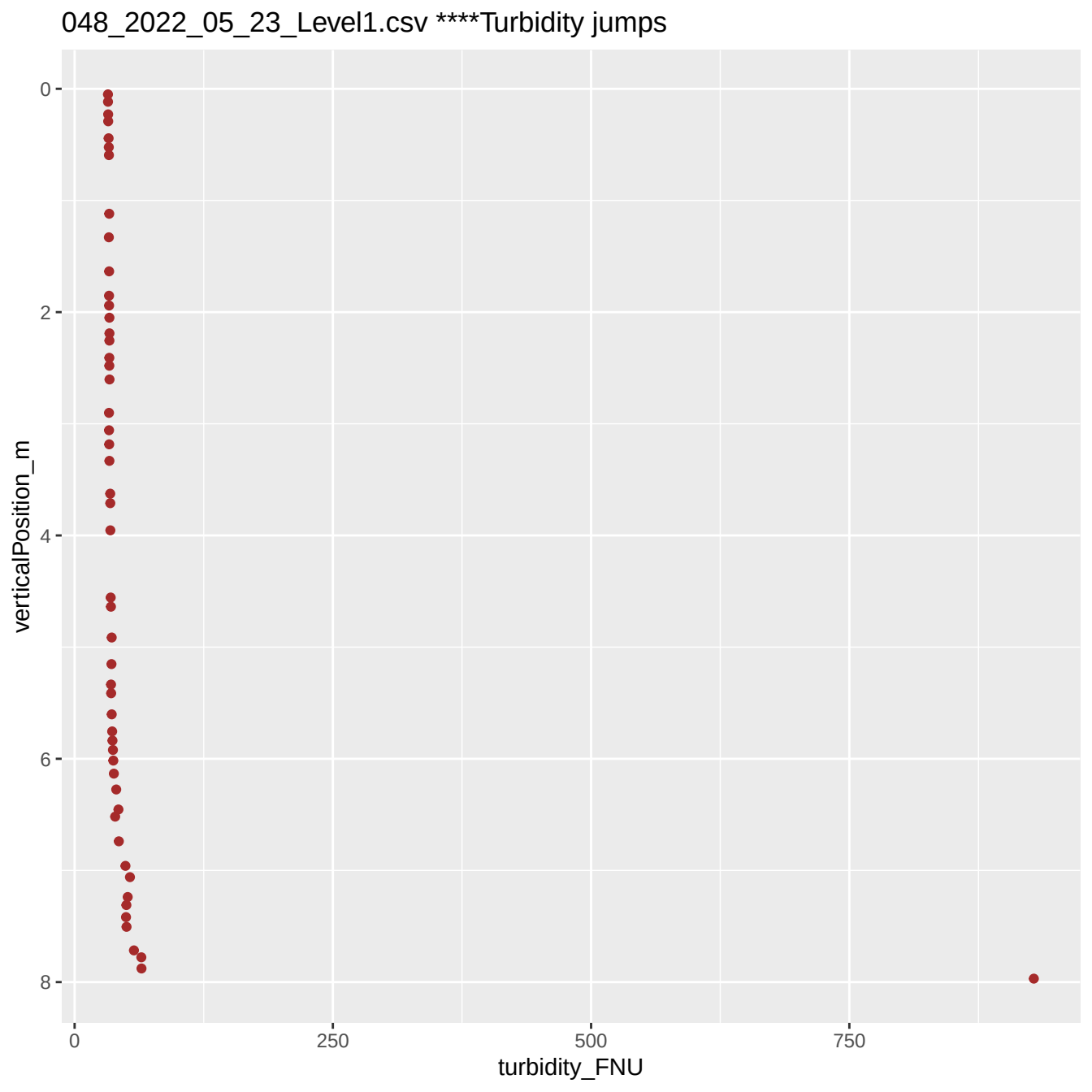

046_2022_07_27_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
16:33:00
16:33:30
16:34:00
16:34:30
dateTime

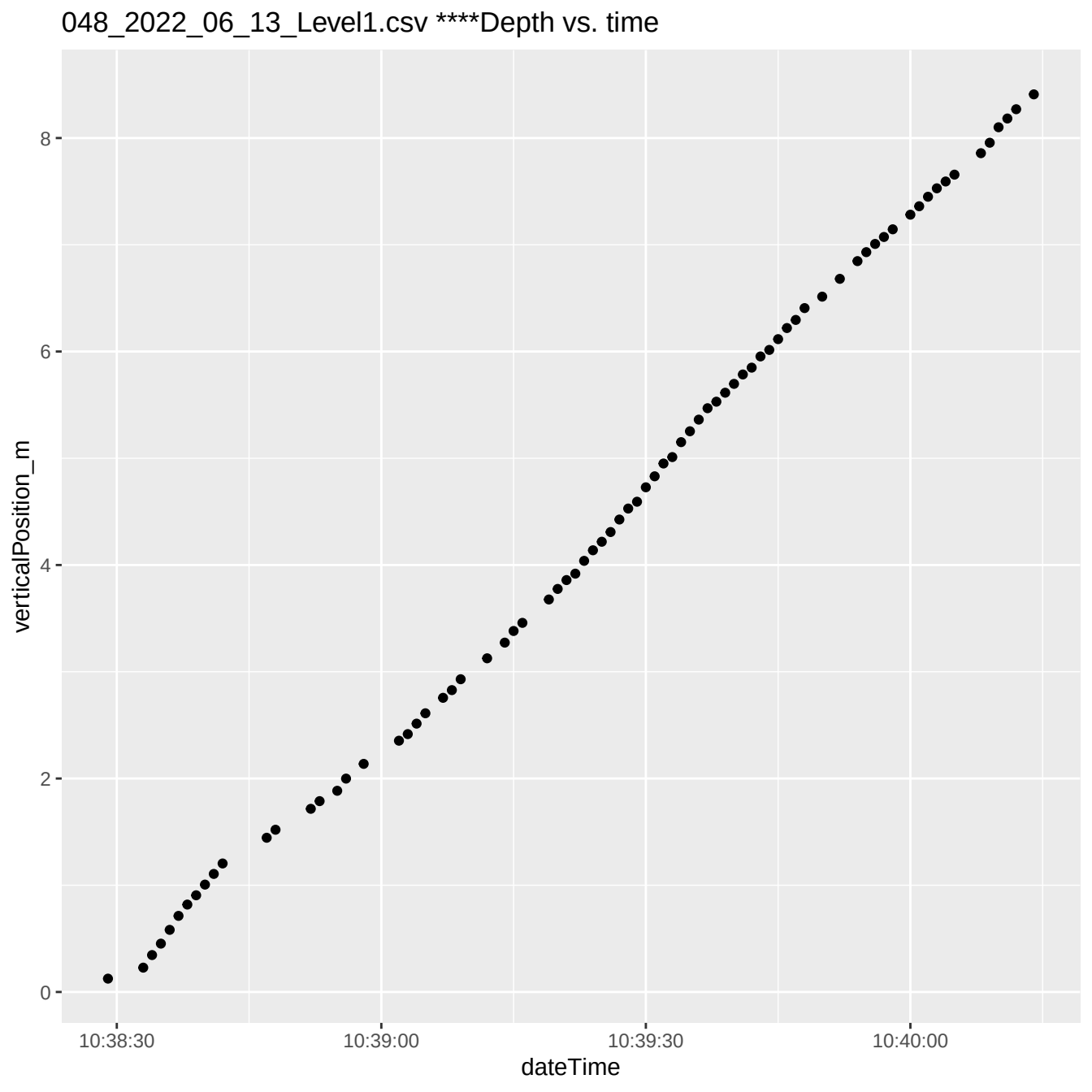

046_2022_07_27_b_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
16:29:00
16:29:30
16:30:00
16:30:30
dateTime

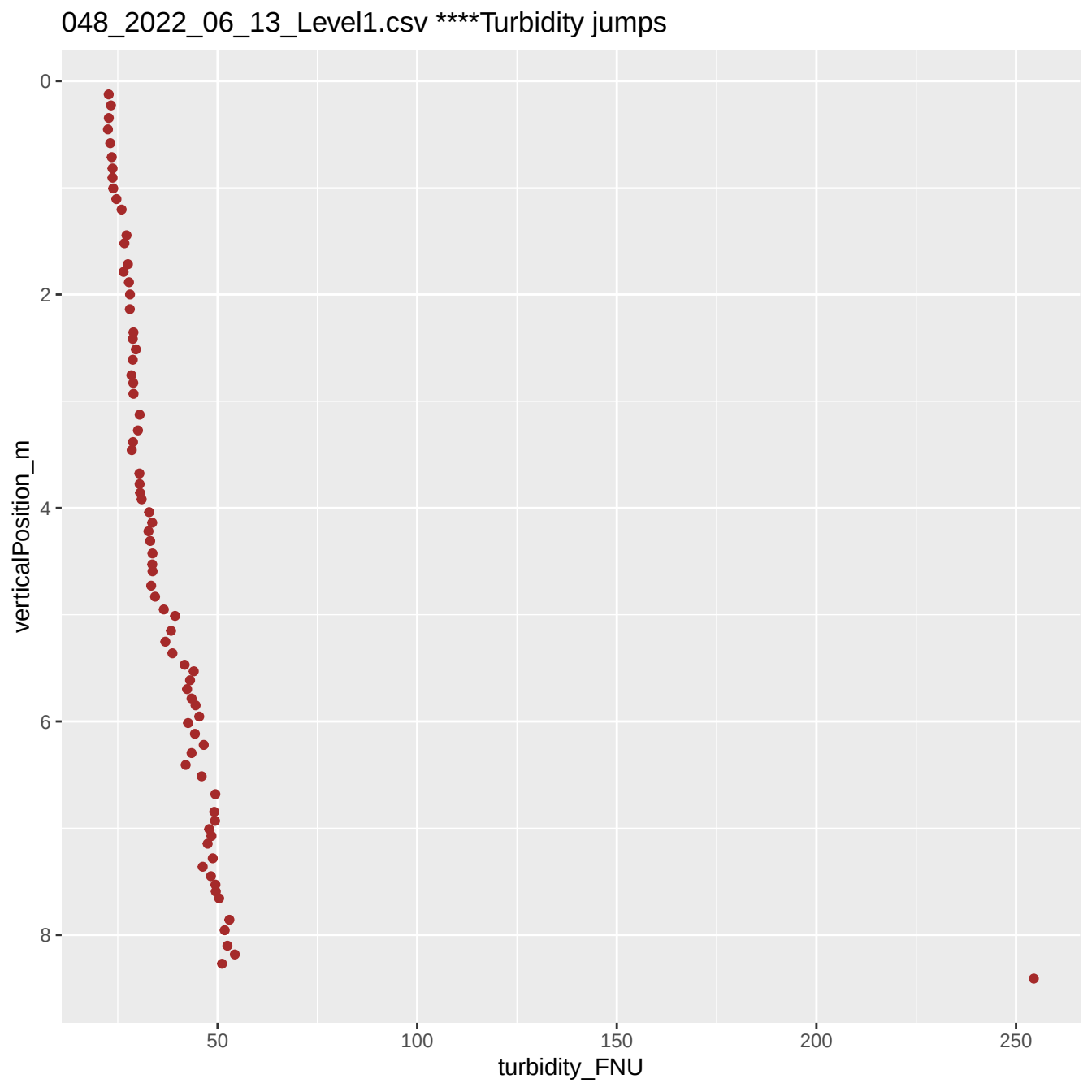

046_2022_08_17_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:58:30
13:59:00
13:59:30
dateTime

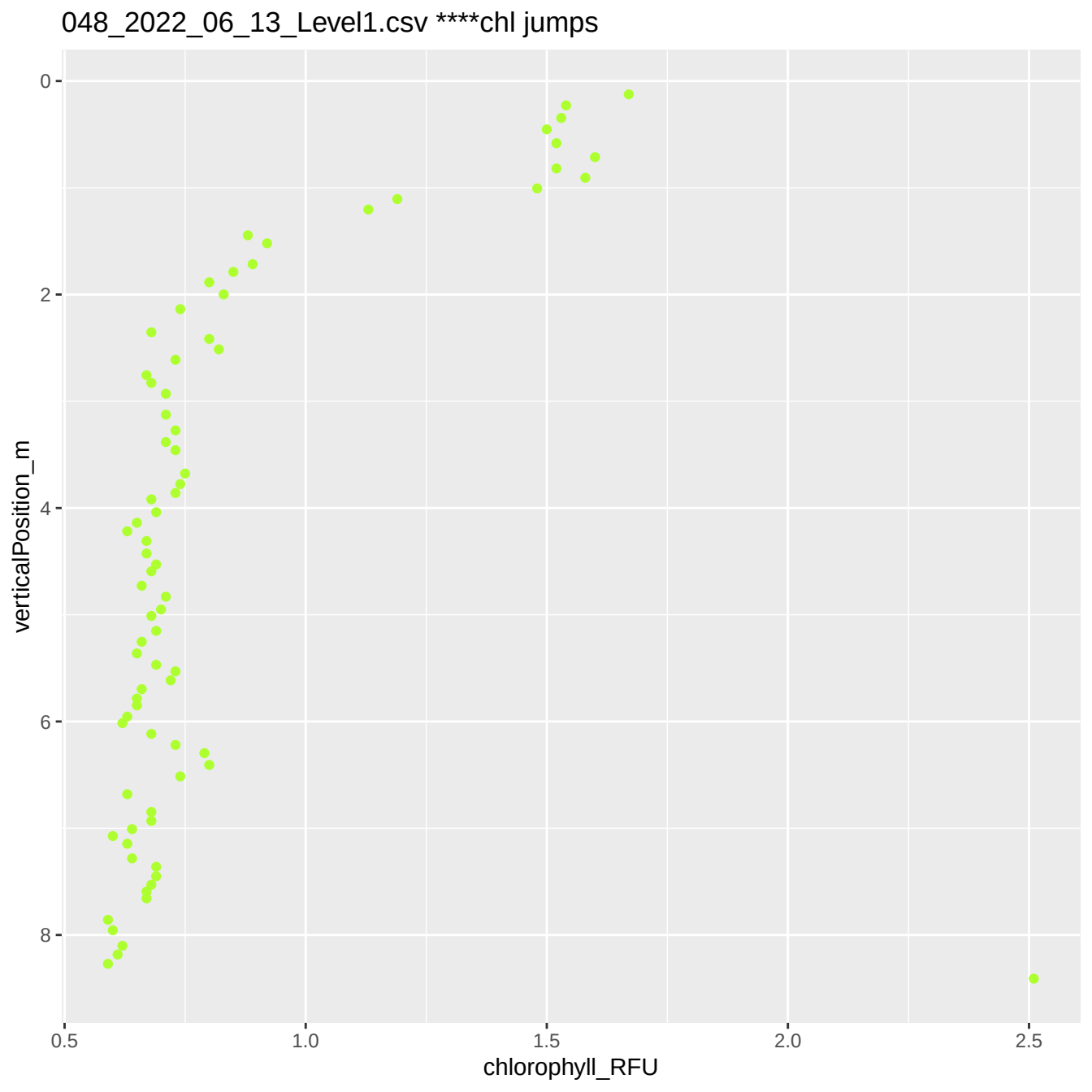

048_2022_05_23_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
11:07
11:08
11:09
dateTime

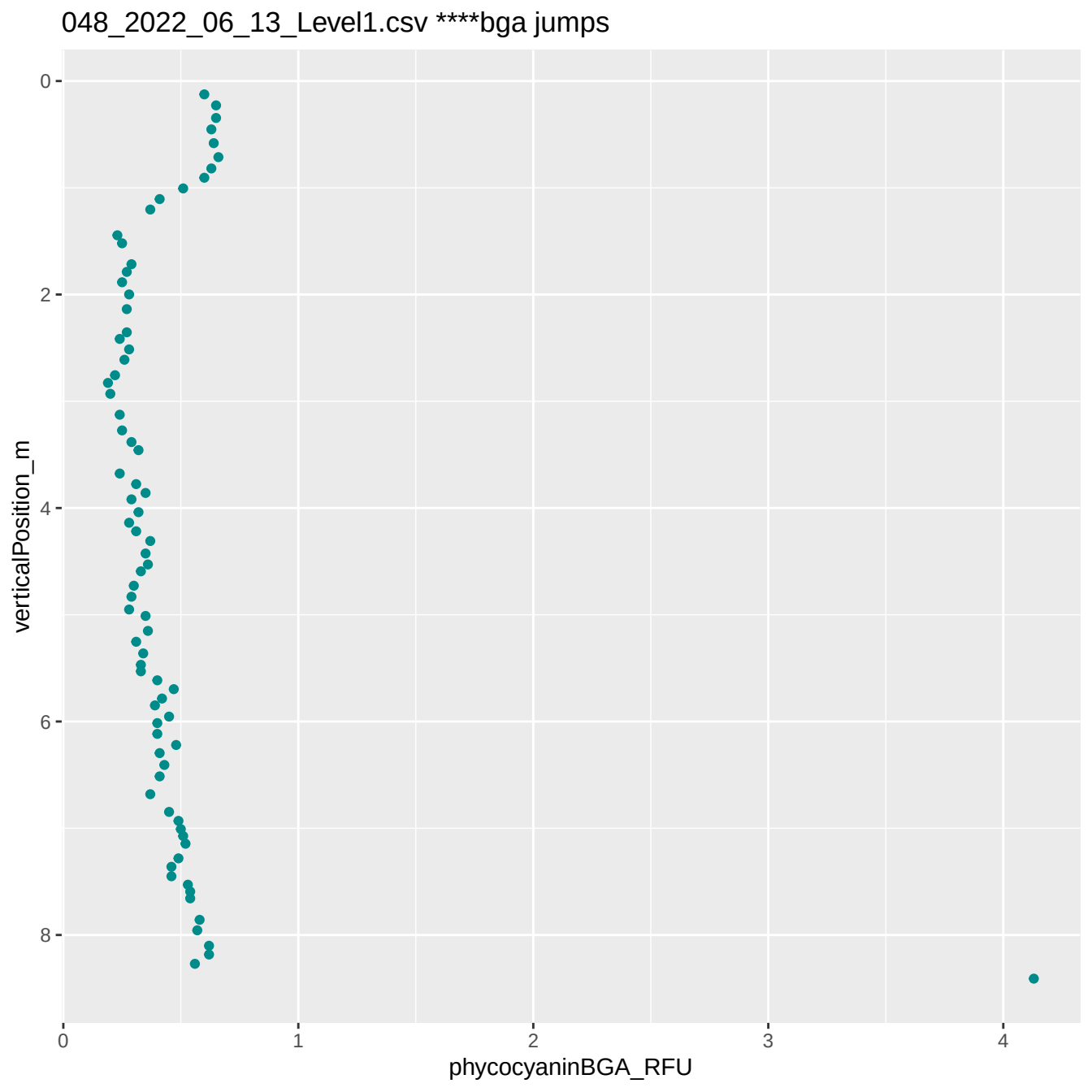

048_2022_05_23_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
8
temp_degC
16
17
18
19
20
21
flag
FALSE
TRUE

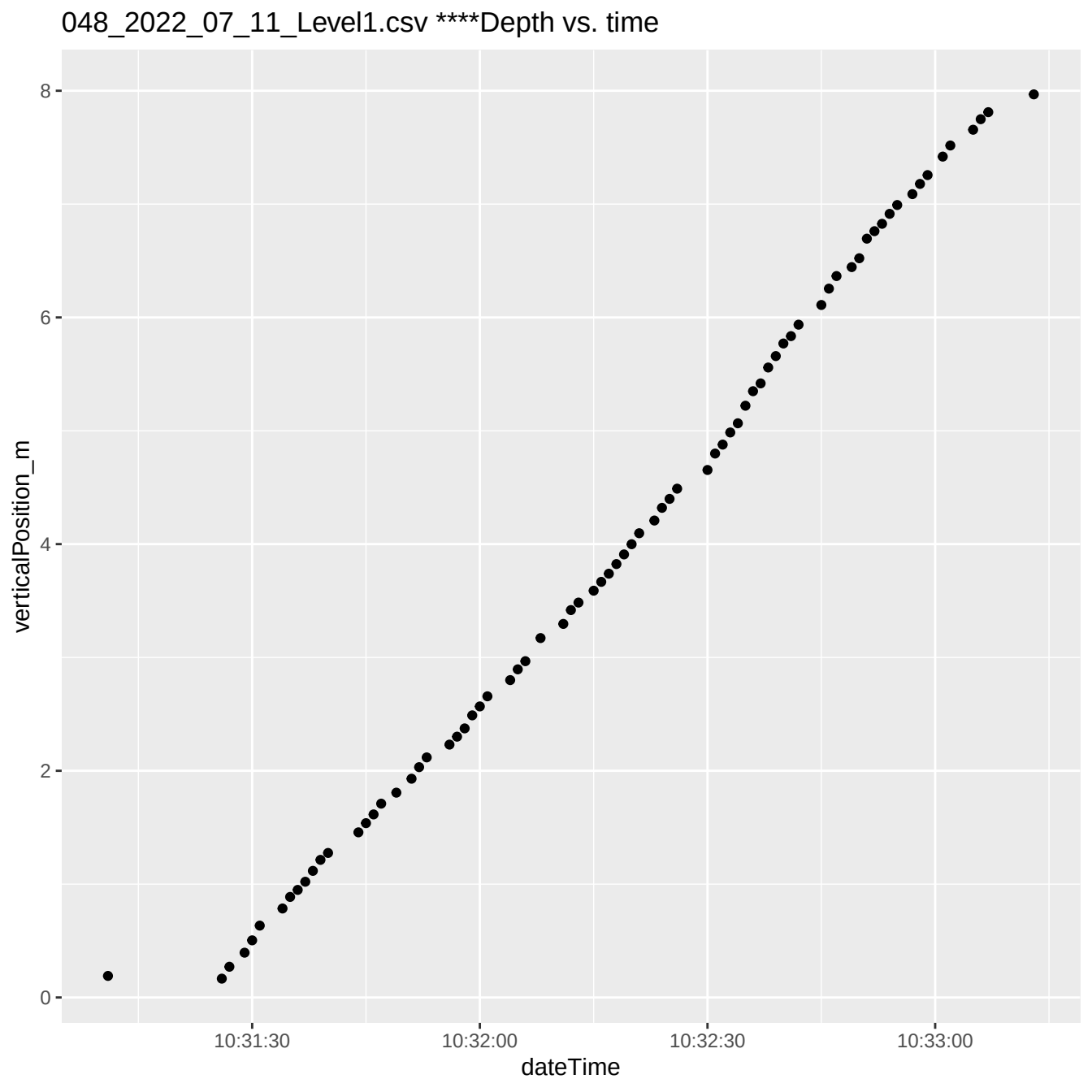

048_2022_05_23_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
0
250
500
750
turbidity_FNU

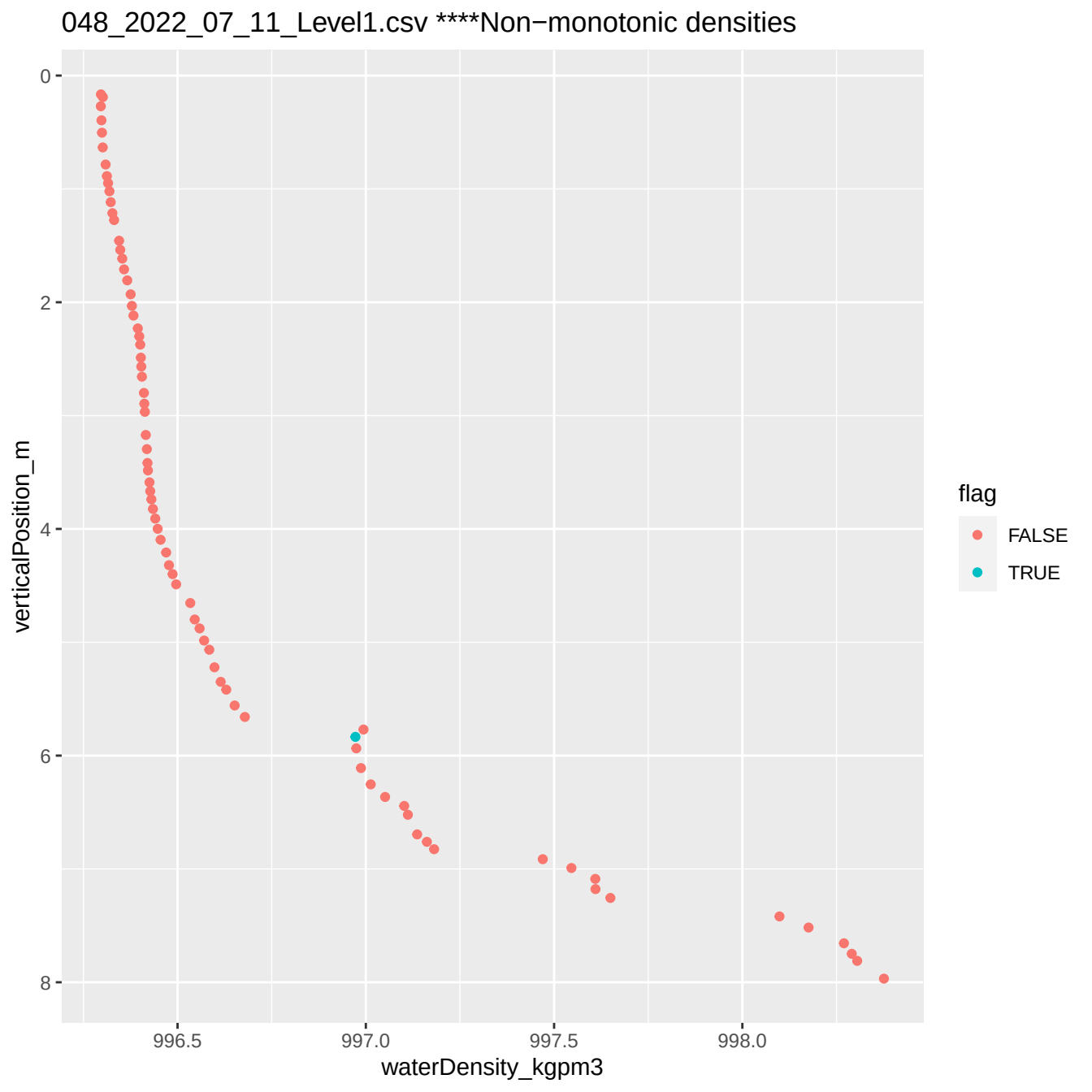

048_2022_06_13_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
8
10:38:30
10:39:00
10:39:30
10:40:00
dateTime

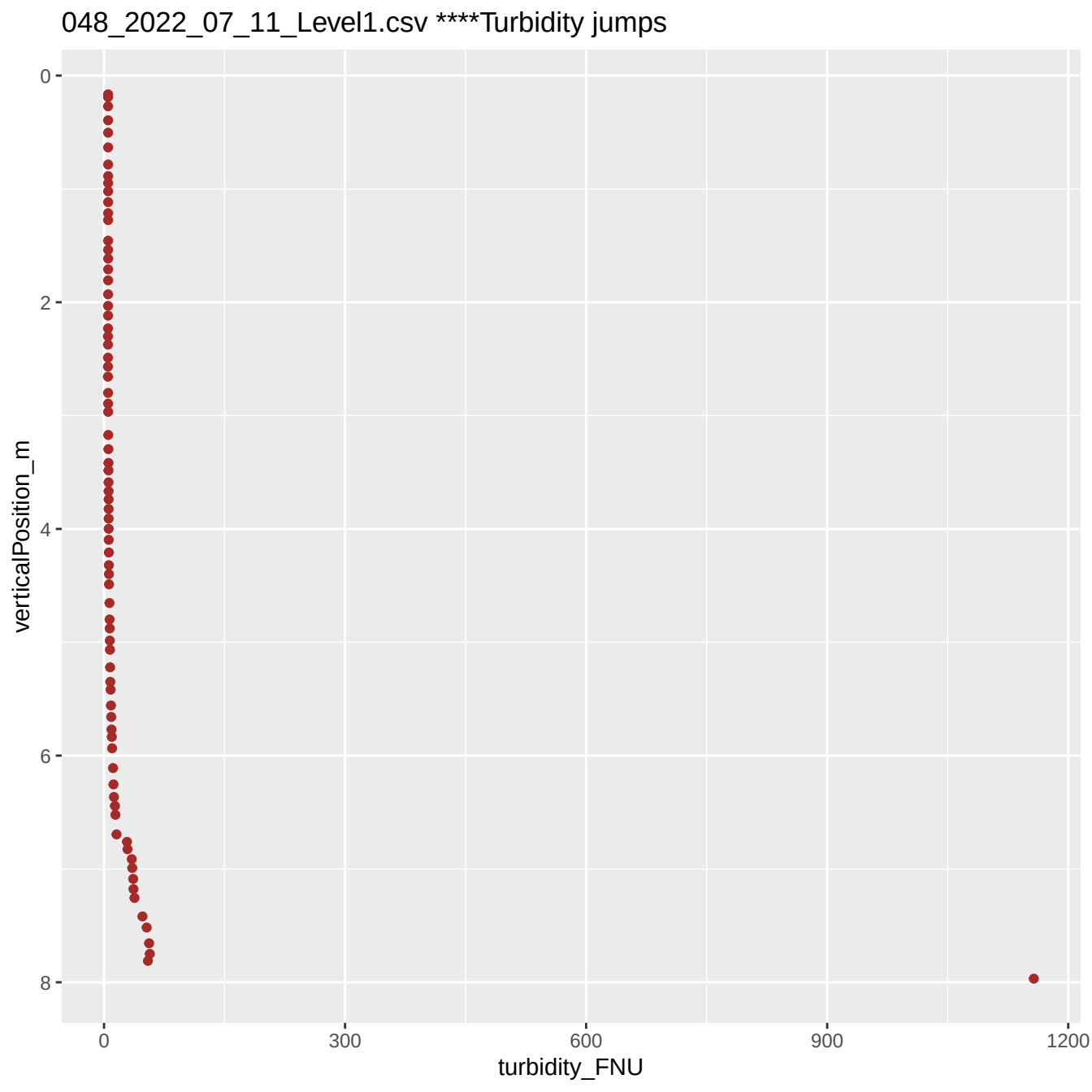

048_2022_06_13_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
50
100
150
200
250
turbidity_FNU

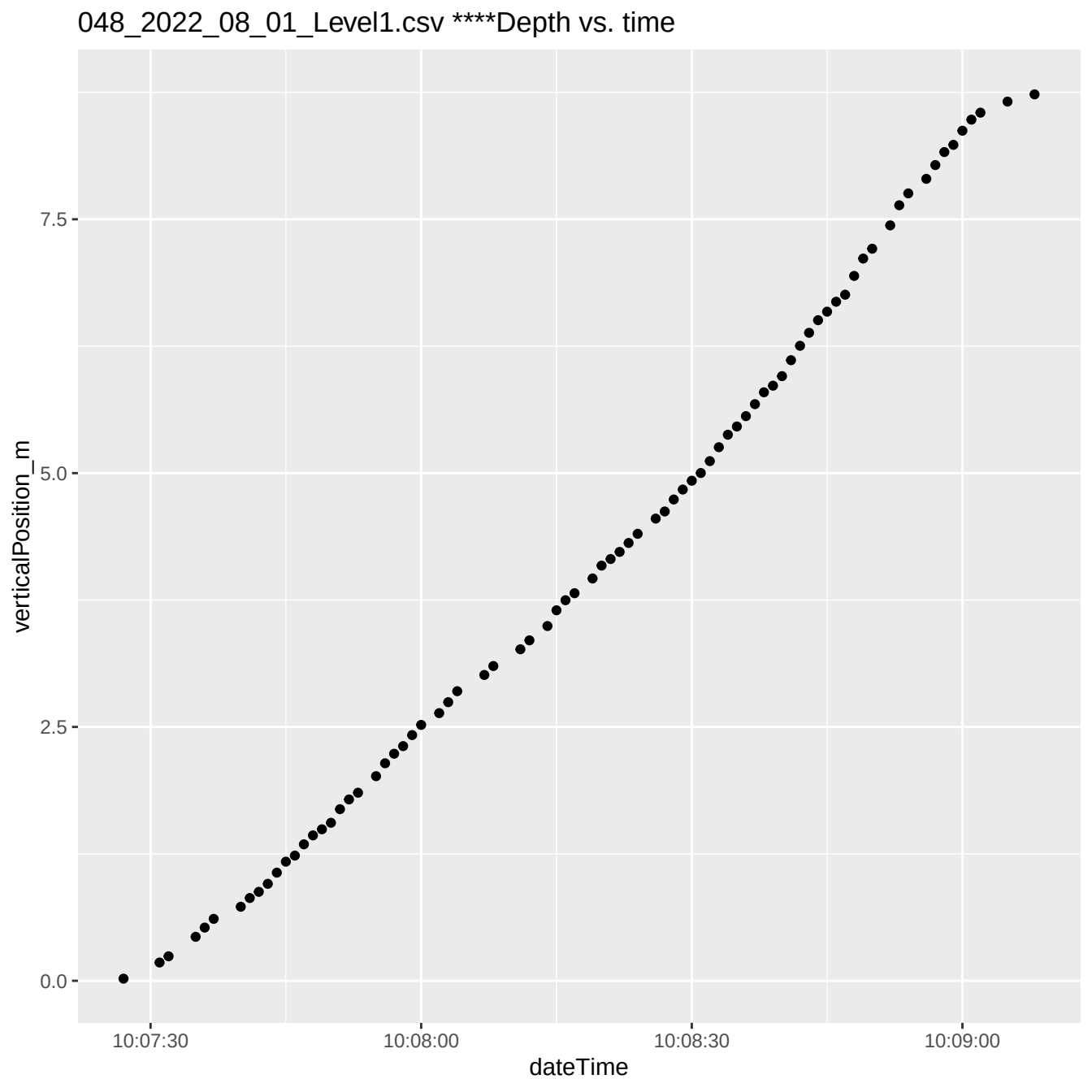

048_2022_06_13_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
8
chlorophyll_RFU
0.5
1.0
1.5
2.0
2.5

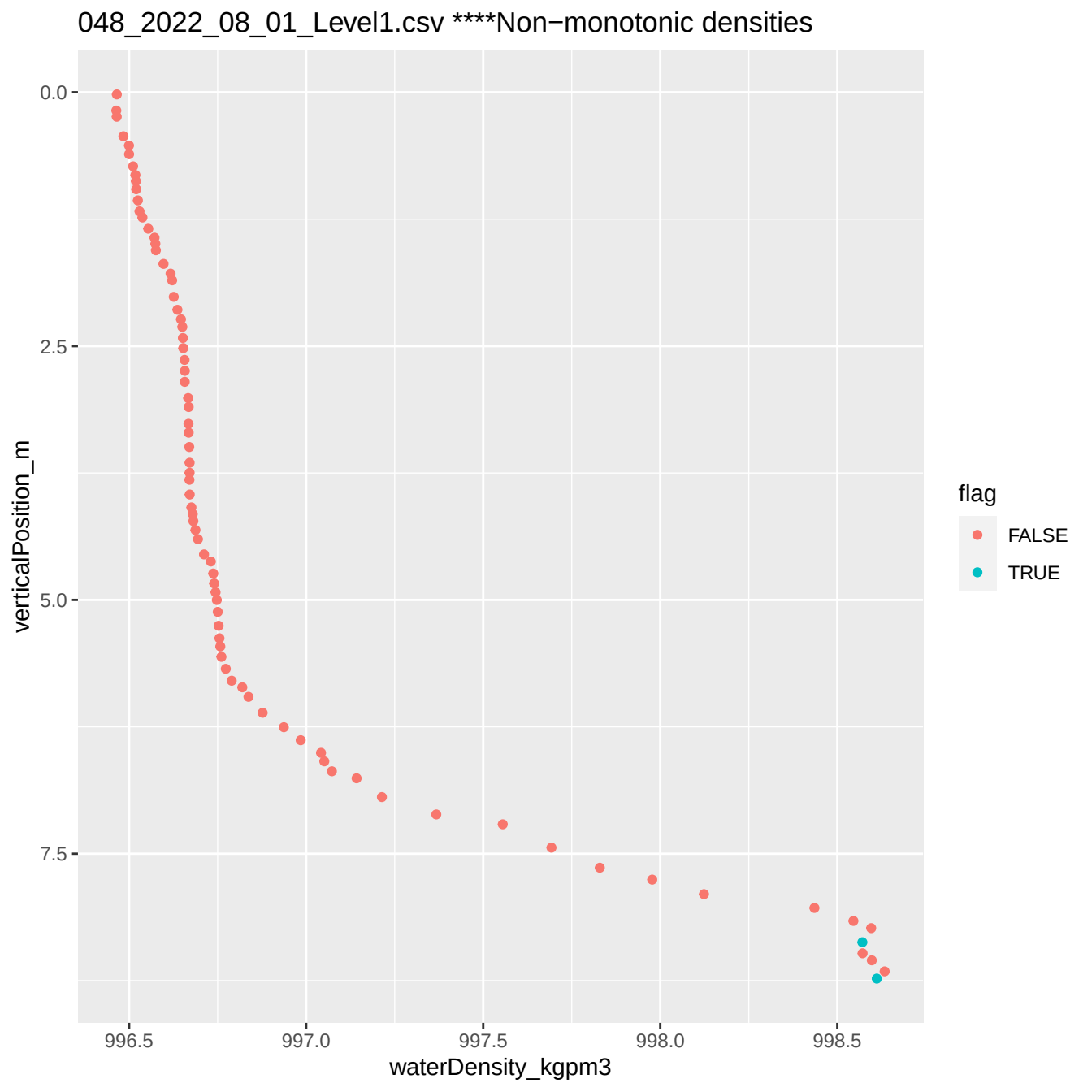

048_2022_06_13_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
phycocyaninBGA_RFU
0
1
2
3
4

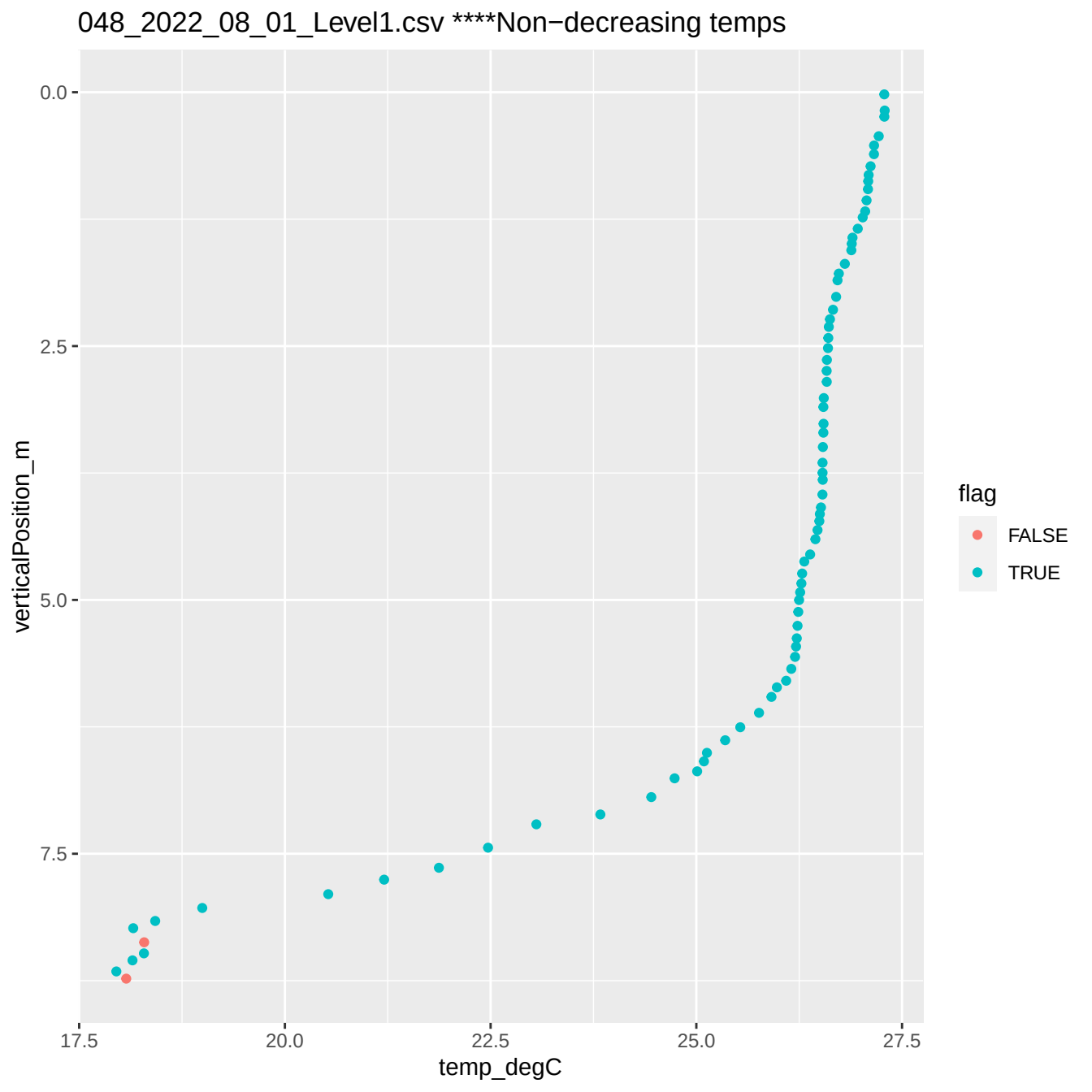

048_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
10:31:30
10:32:00
10:32:30
10:33:00
dateTime

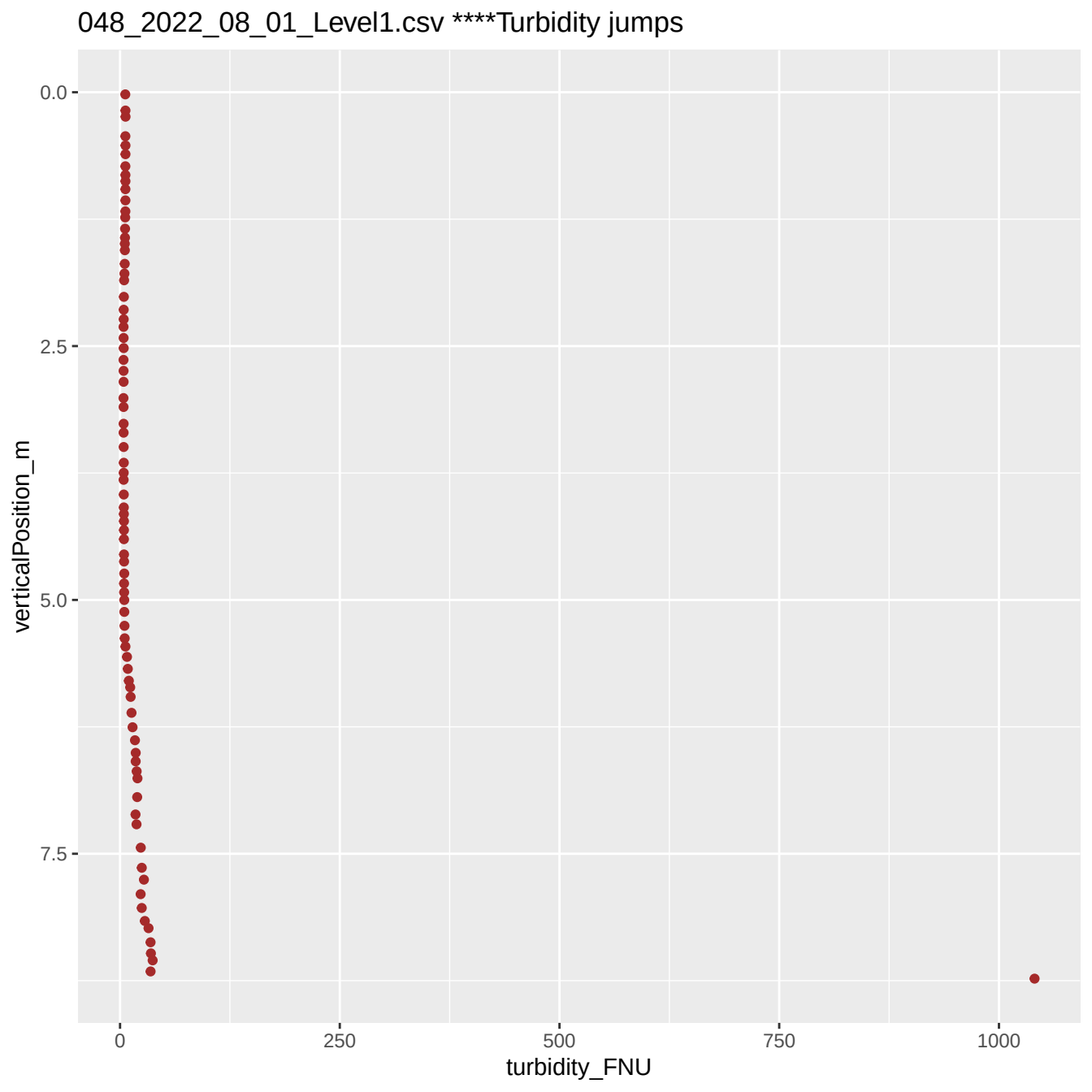

048_2022_07_11_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
8
996.5
997.0
997.5
998.0
waterDensity_kgpm3
flag
FALSE
TRUE

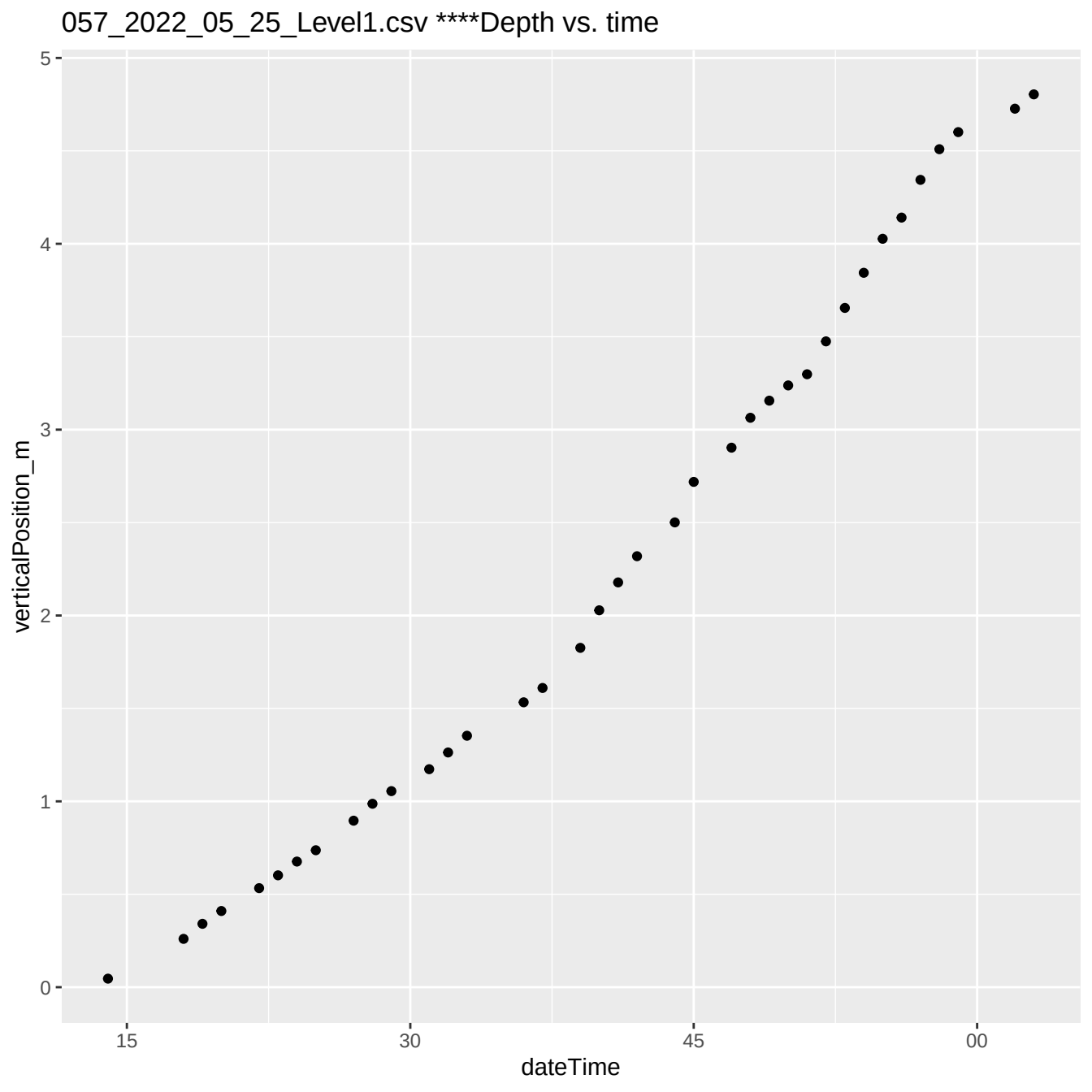

048_2022_07_11_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
turbidity_FNU
0
300
600
900
1200

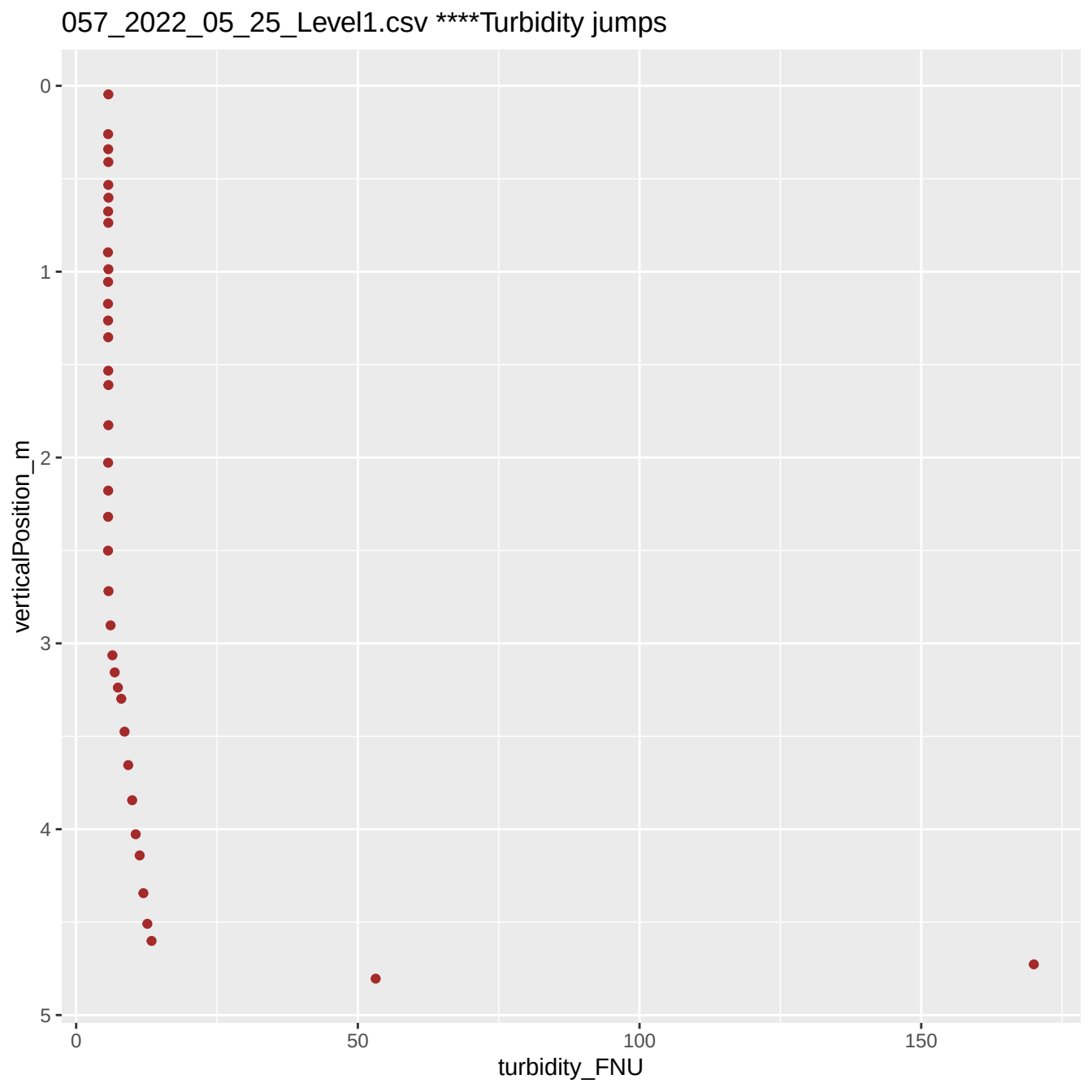

048_2022_08_01_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
10:07:30
10:08:00
10:08:30
10:09:00
dateTime

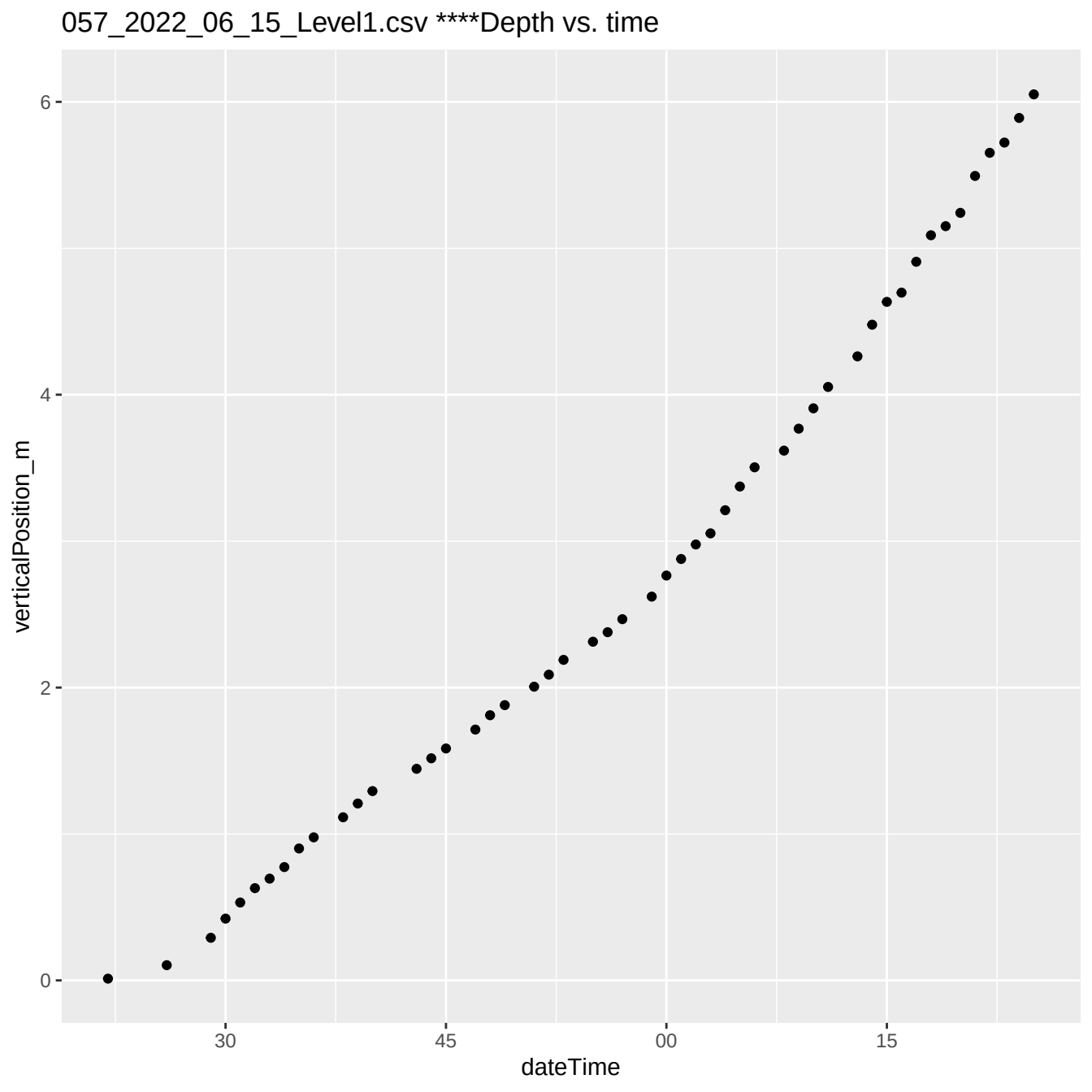

048_2022_08_01_Level1.csv ****Non−monotonic densities
verticalPosition_m
0.0
2.5
5.0
7.5
996.5
997.0
997.5
998.0
998.5
waterDensity_kgpm3
flag
FALSE
TRUE

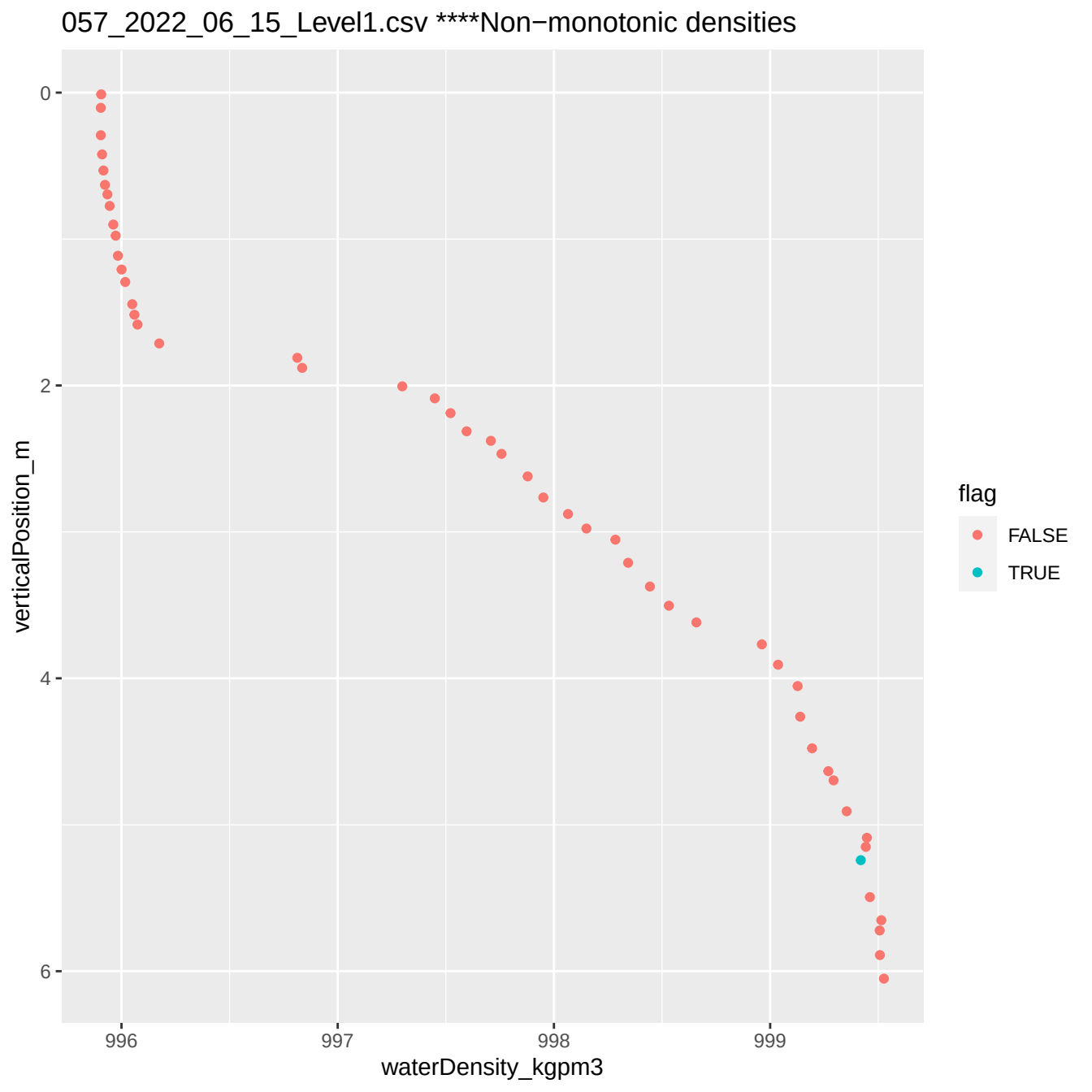

048_2022_08_01_Level1.csv ****Non−decreasing temps
verticalPosition_m
0.0
2.5
5.0
7.5
17.5
20.0
22.5
25.0
27.5
temp_degC
flag
FALSE
TRUE

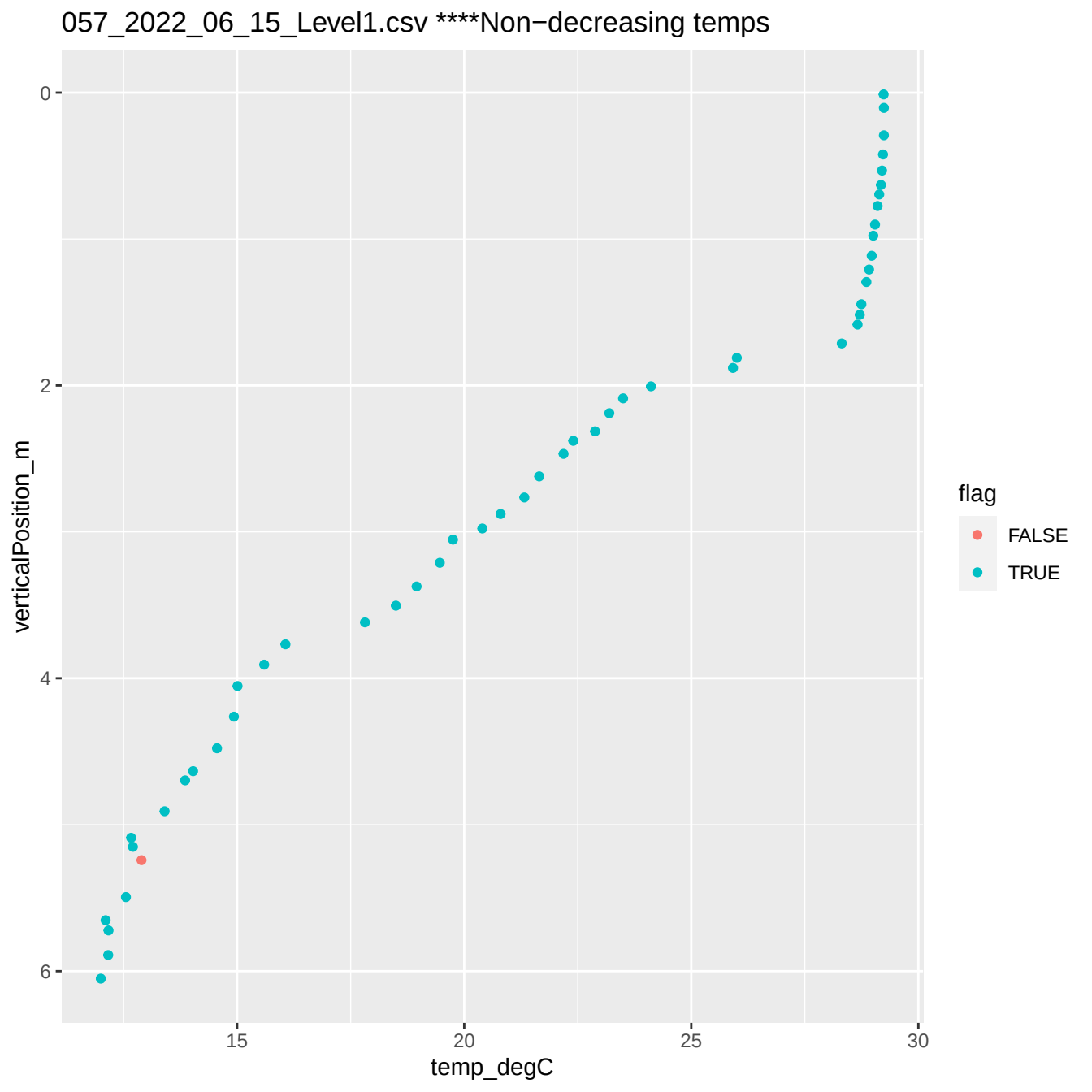

048_2022_08_01_Level1.csv ****Turbidity jumps
verticalPosition_m
0.0
2.5
5.0
7.5
0
250
500
750
1000
turbidity_FNU

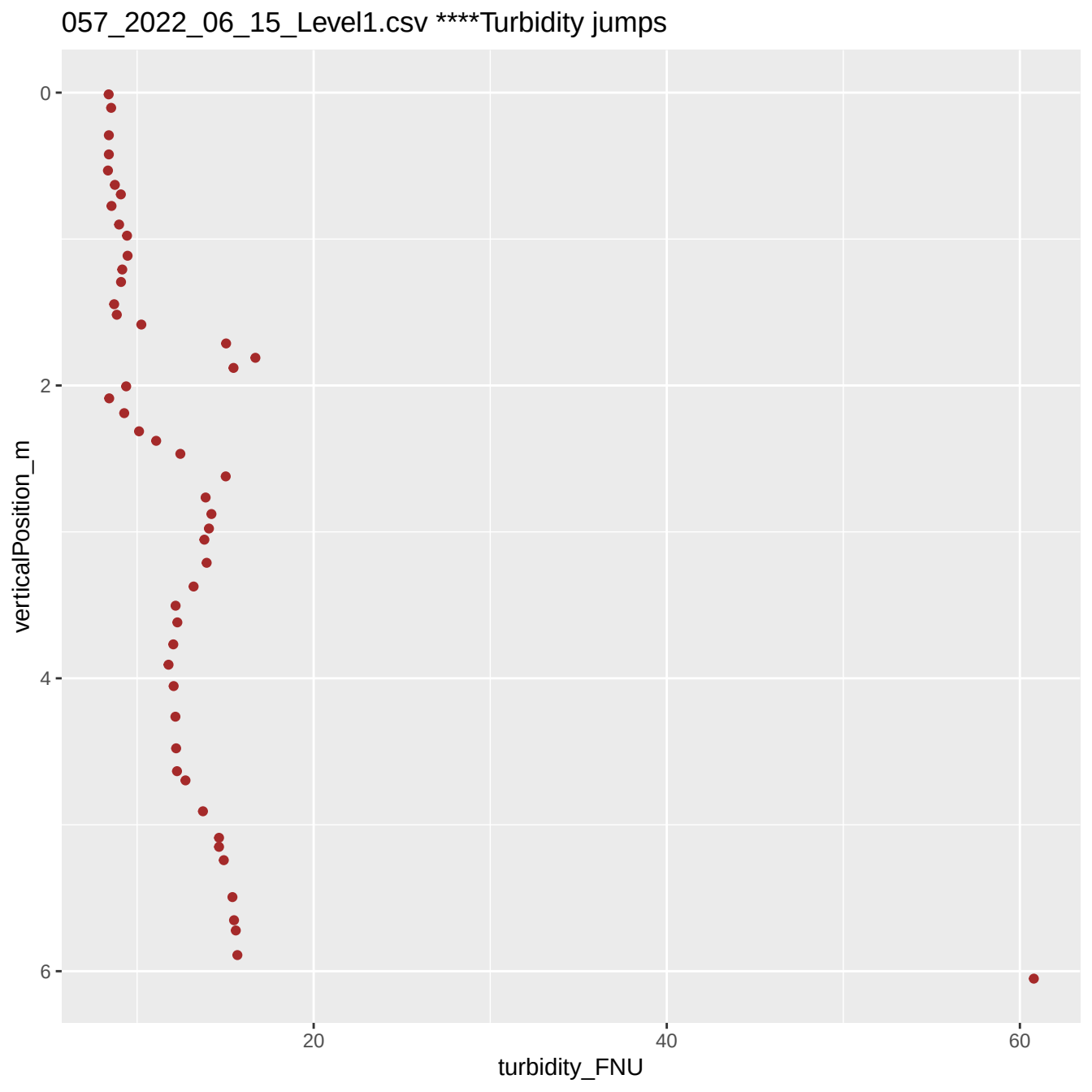

057_2022_05_25_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
15
30
45
00
dateTime

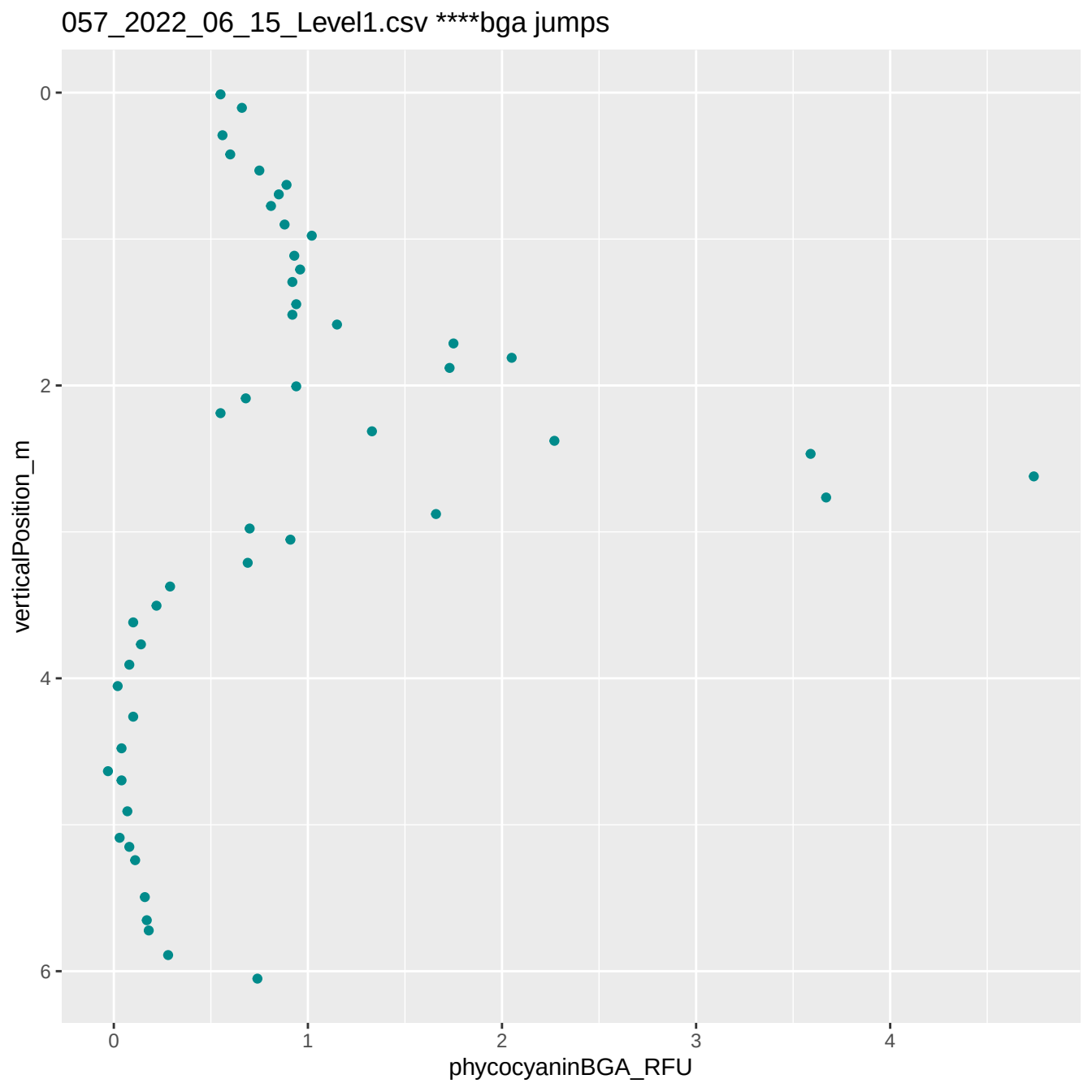

057_2022_05_25_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
0
50
100
150
turbidity_FNU

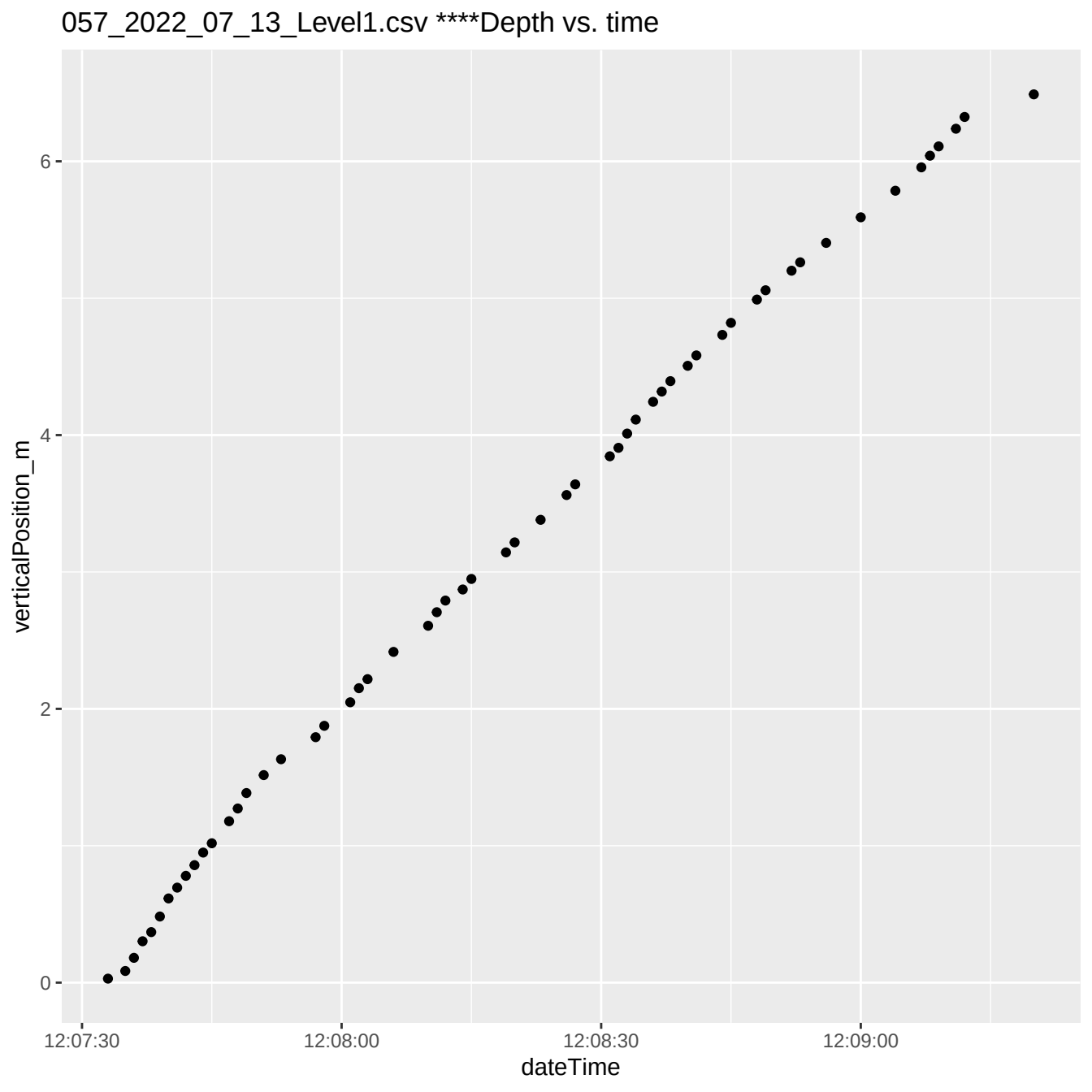

057_2022_06_15_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
30
45
00
15
dateTime

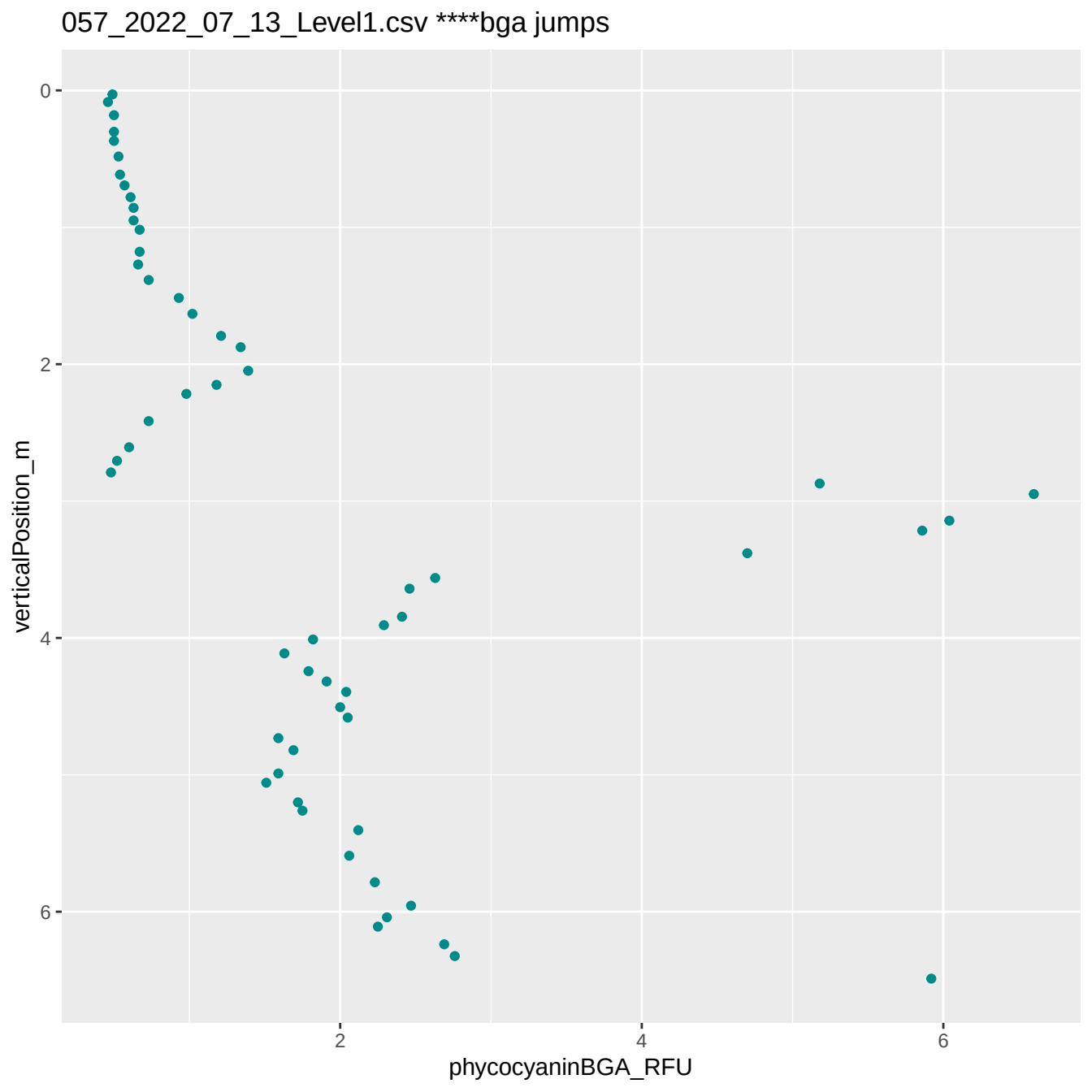

057_2022_06_15_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

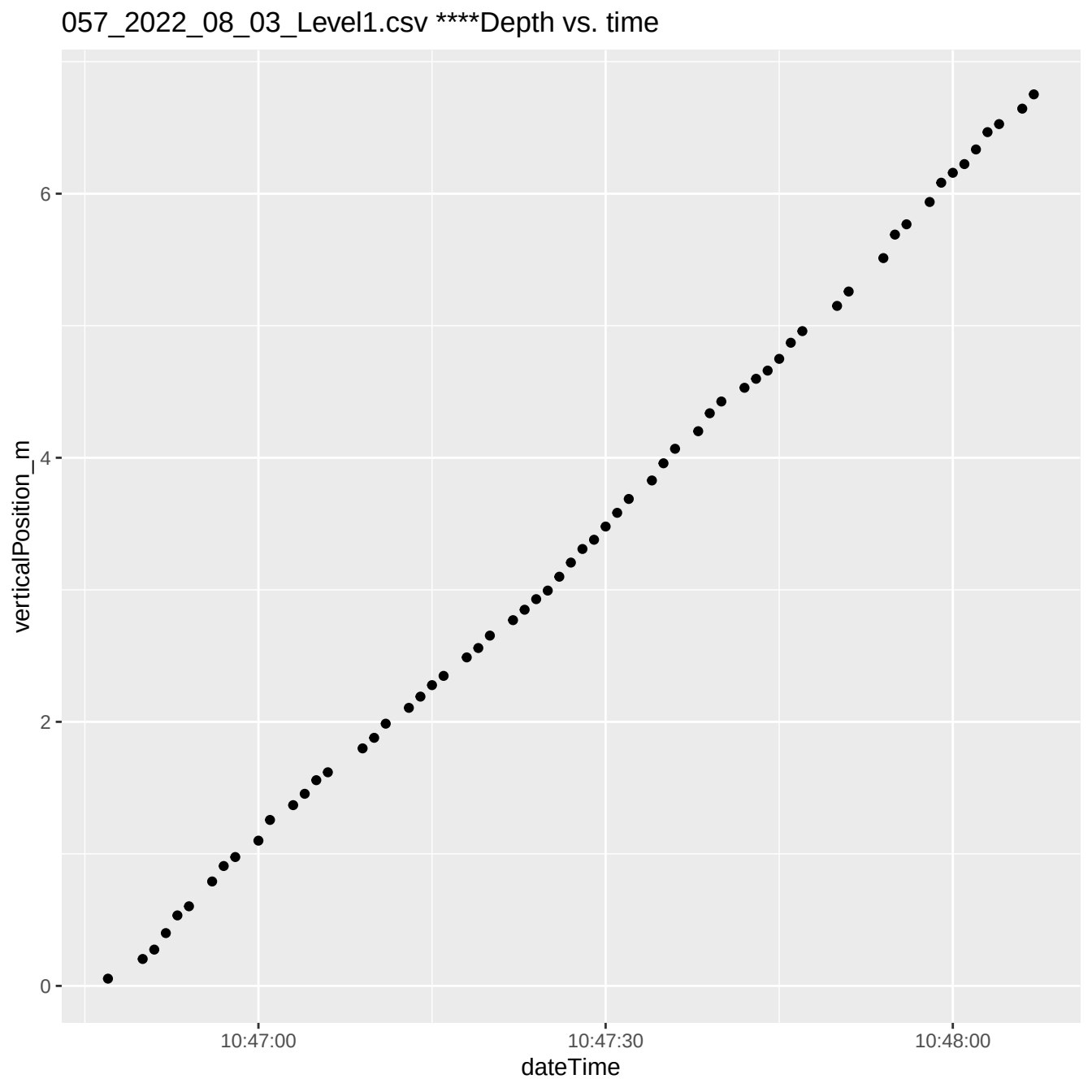

057_2022_06_15_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

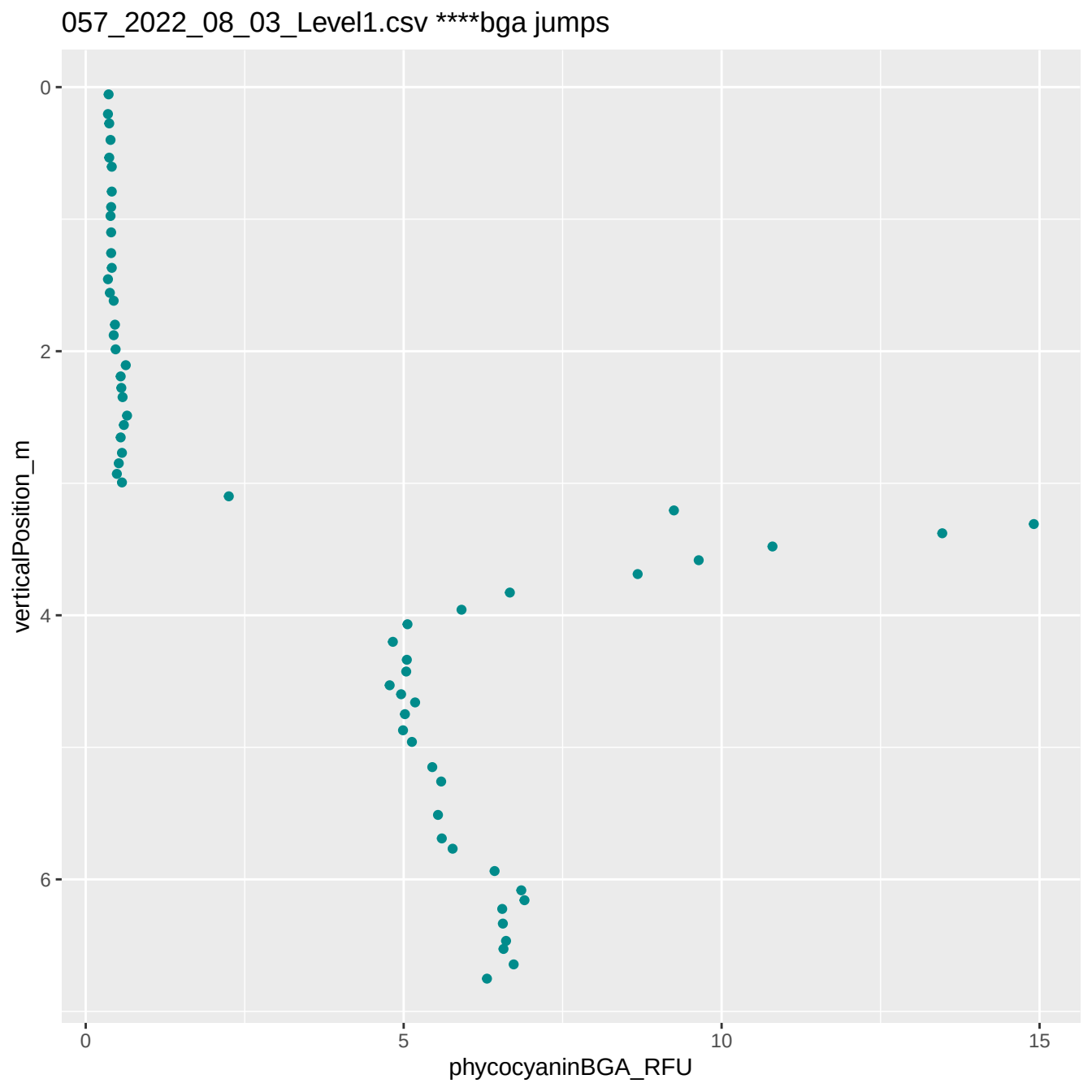

057_2022_06_15_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
20
40
60
turbidity_FNU

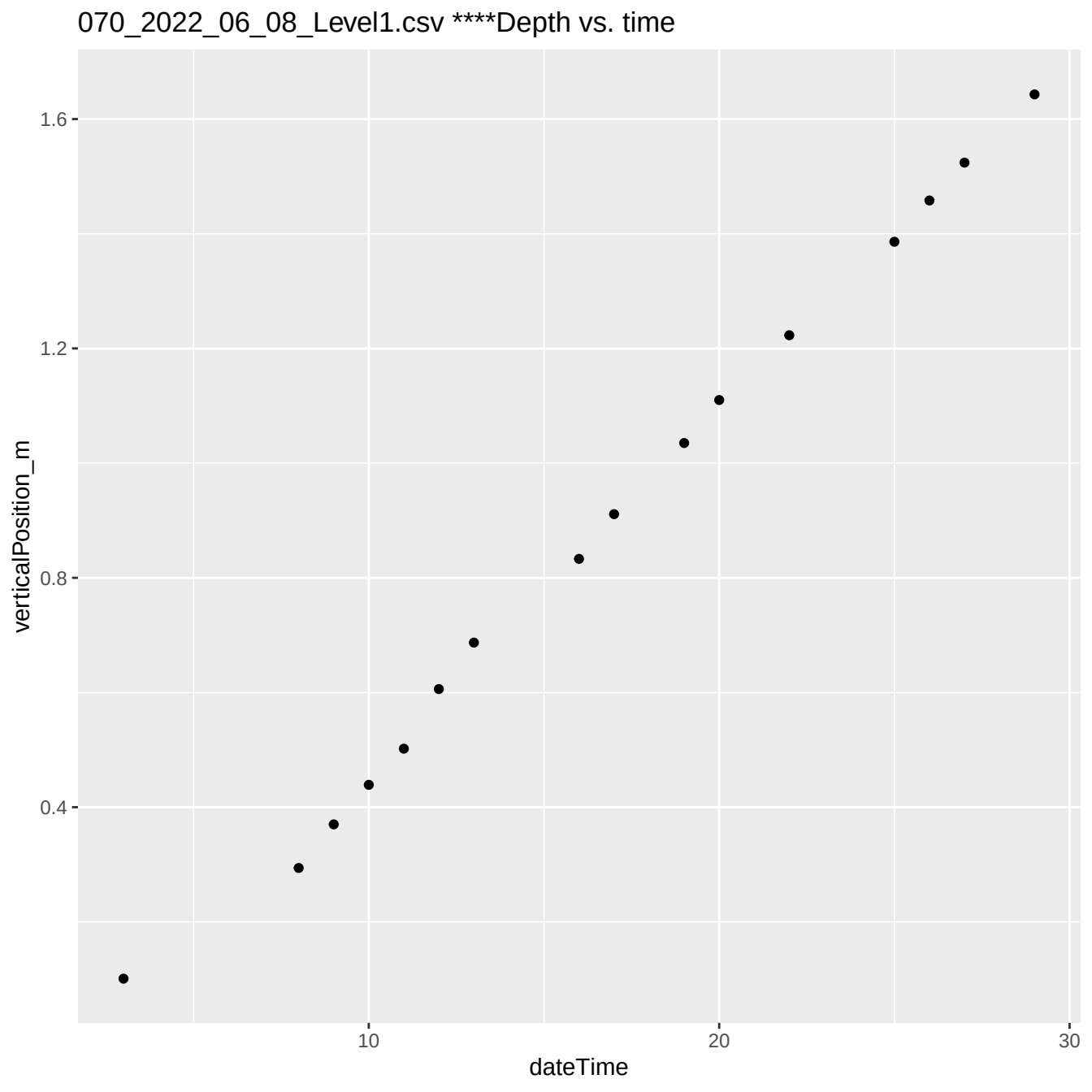

057_2022_06_15_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
phycocyaninBGA_RFU
0
1
2
3
4

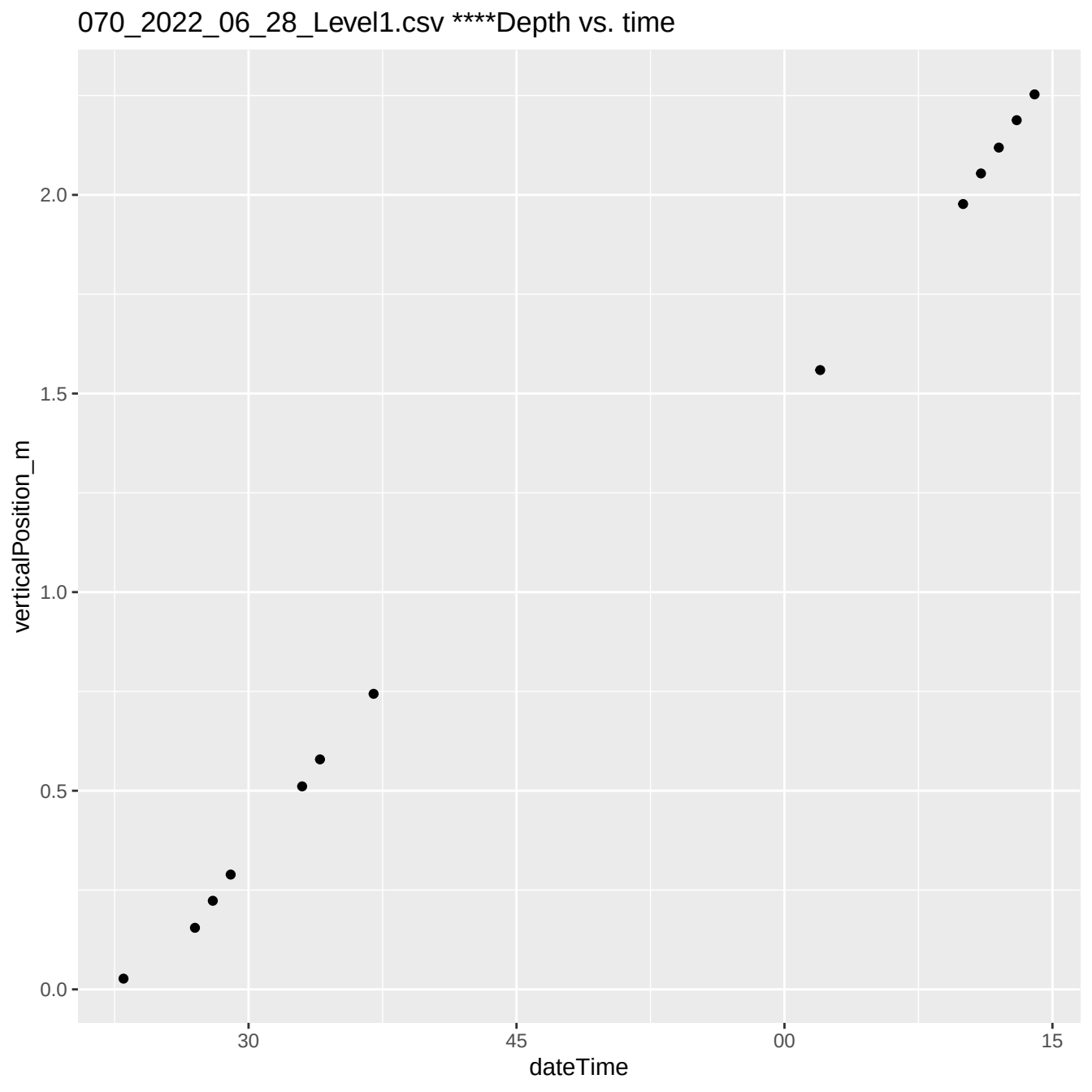

057_2022_07_13_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
12:07:30
12:08:00
12:08:30
12:09:00
dateTime

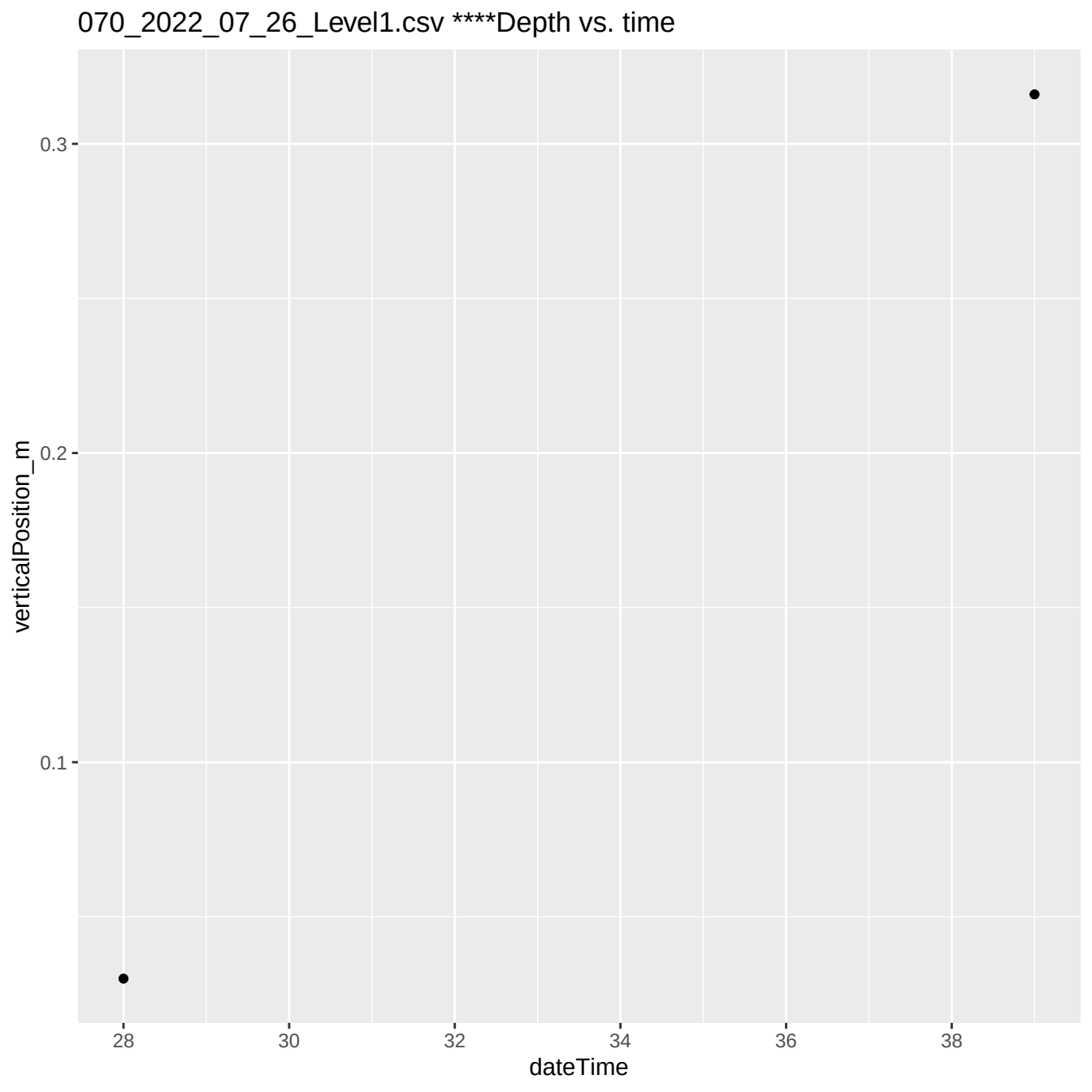

057_2022_07_13_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
phycocyaninBGA_RFU
2
4
6

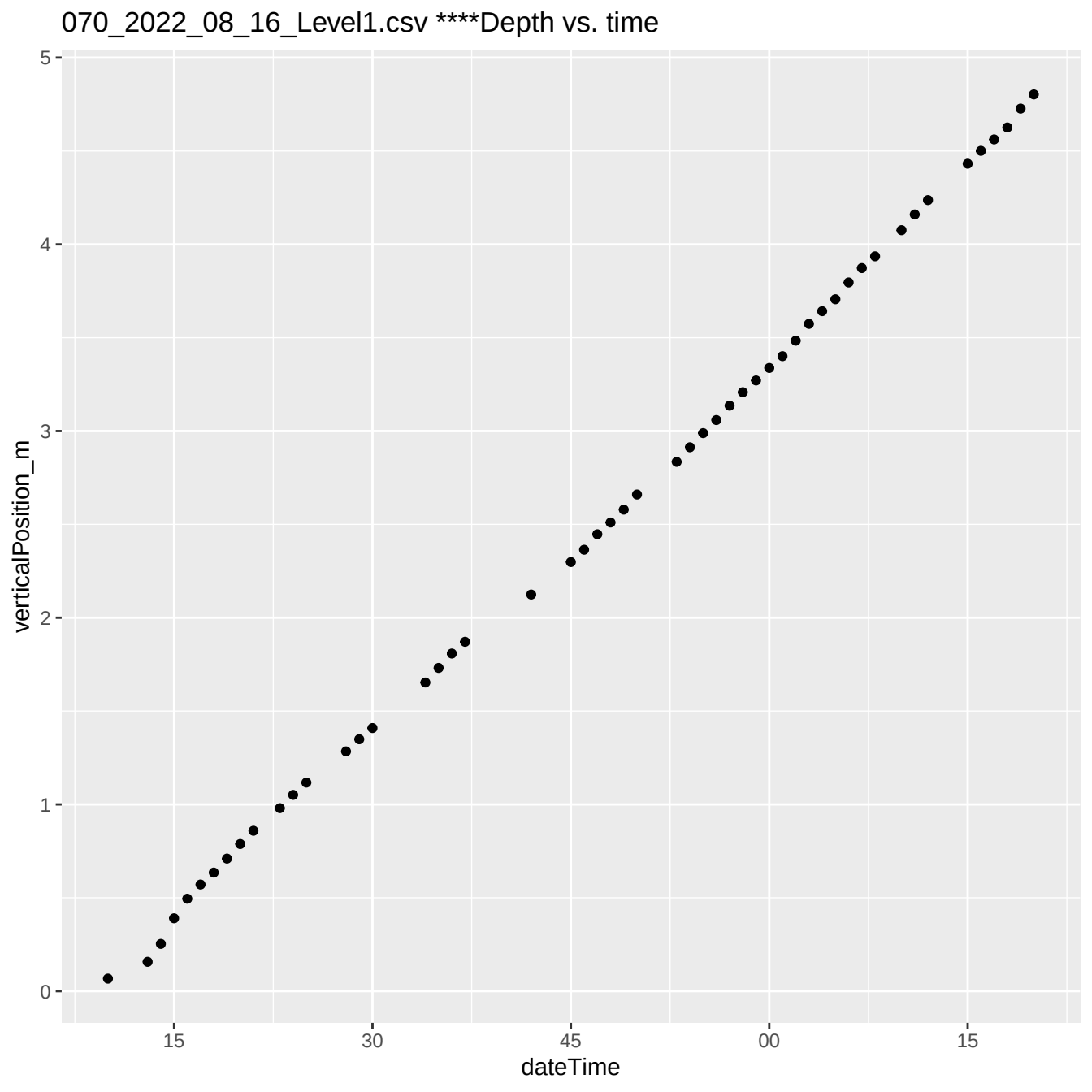

057_2022_08_03_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
10:47:00
10:47:30
10:48:00
dateTime

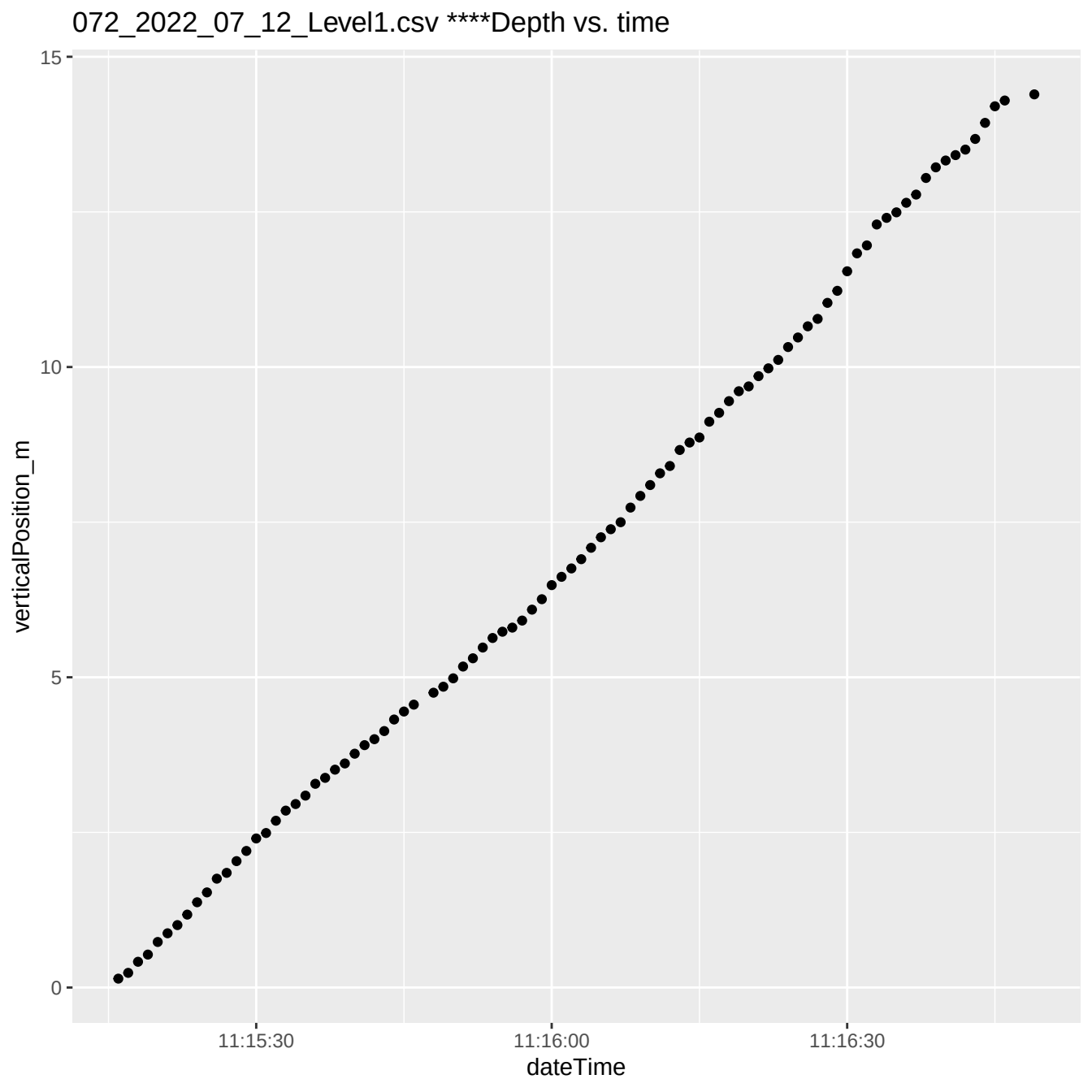

057_2022_08_03_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
phycocyaninBGA_RFU
0
5
10
15

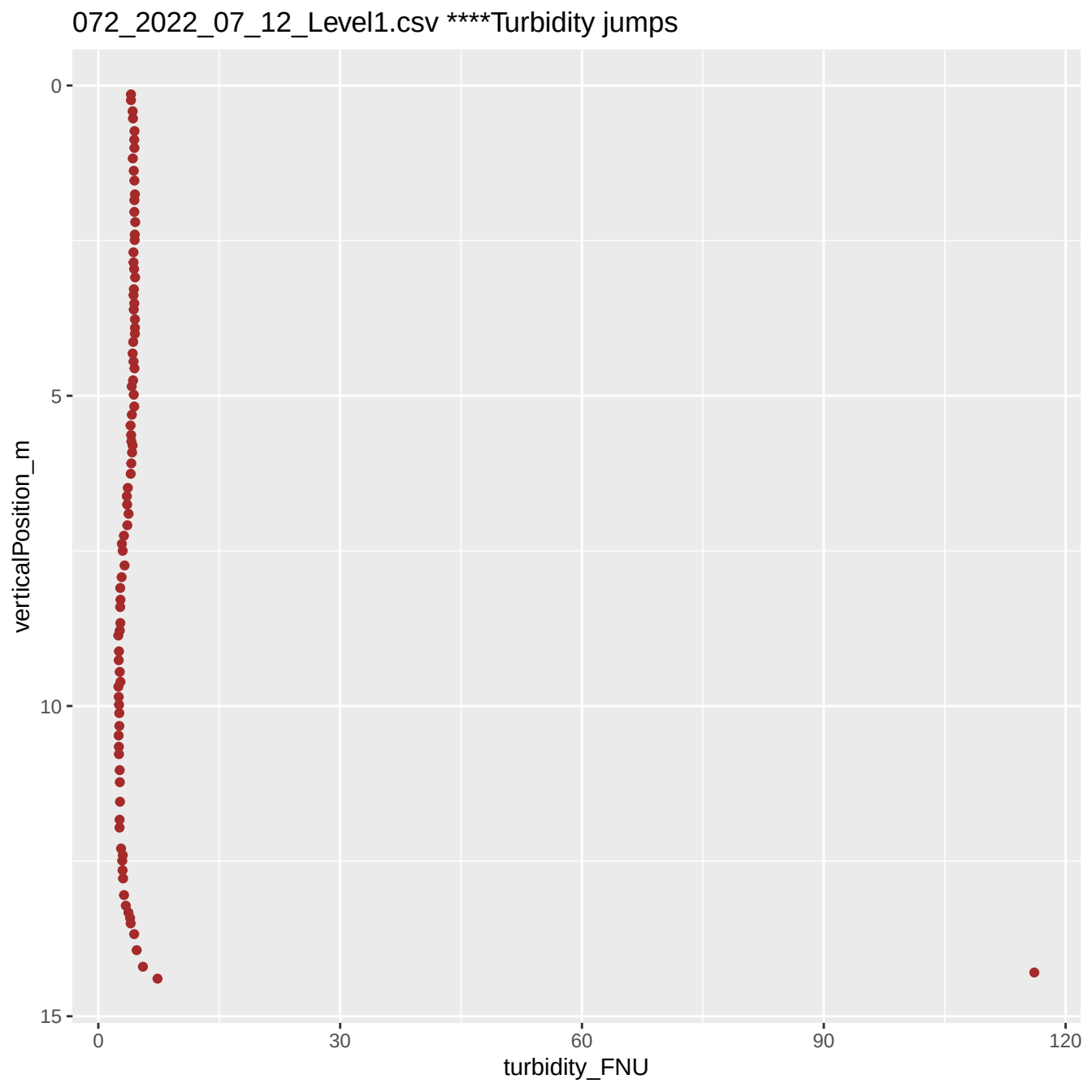

070_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
1.6
1.2
0.8
0.4
10
20
30
dateTime

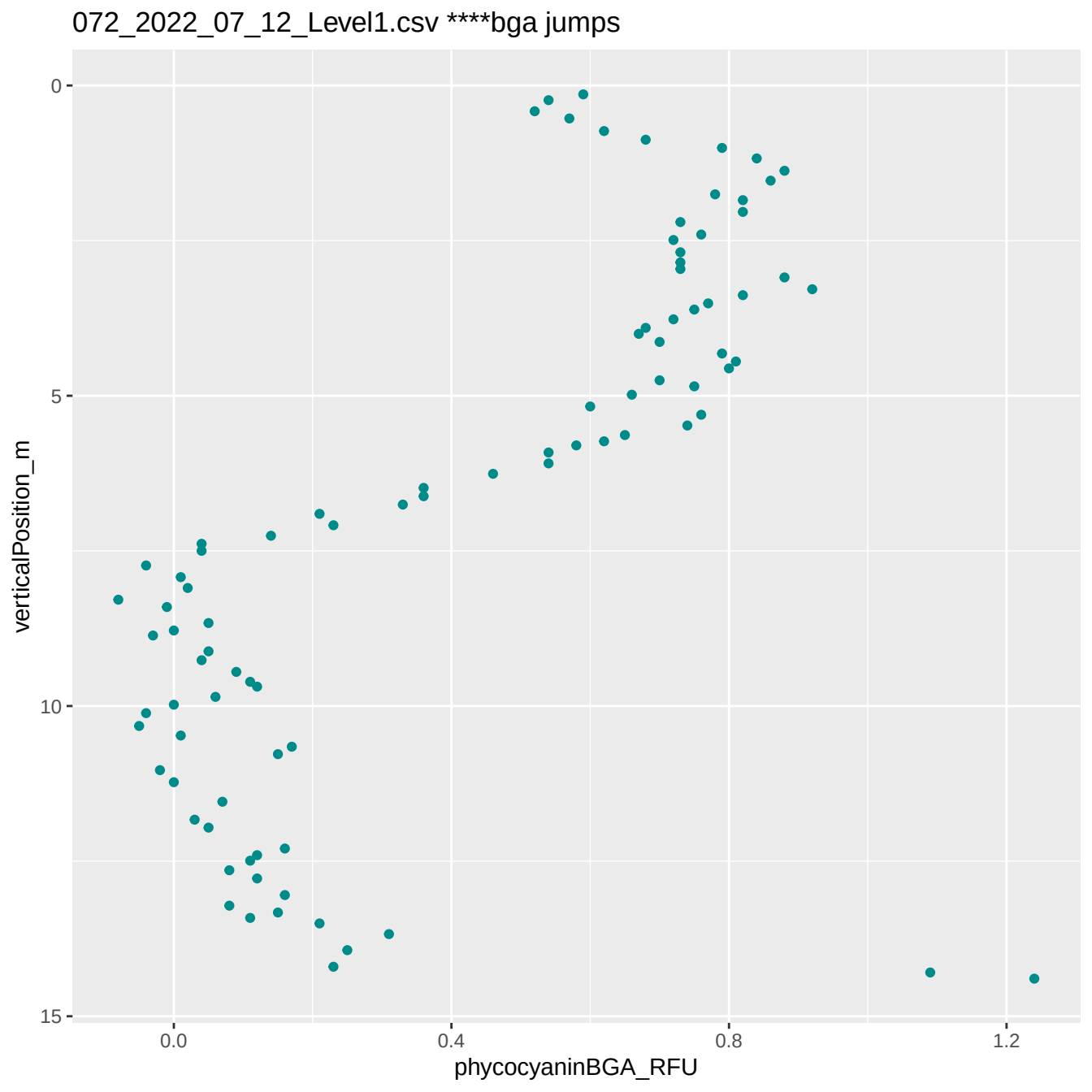

070_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
2.0
1.5
1.0
0.5
0.0
30
45
00
15
dateTime

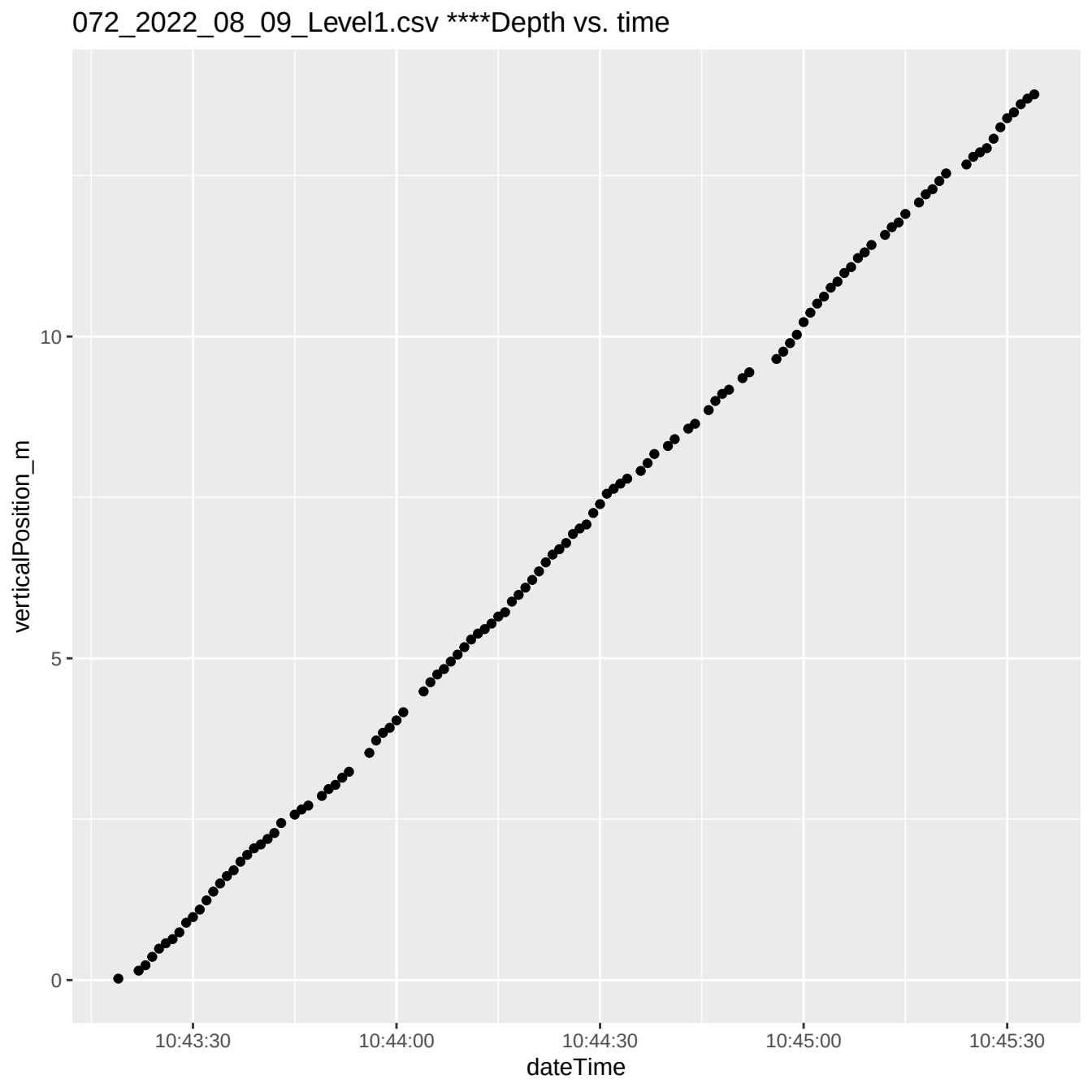

070_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
0.3
0.2
0.1
28
30
32
34
36
38
dateTime

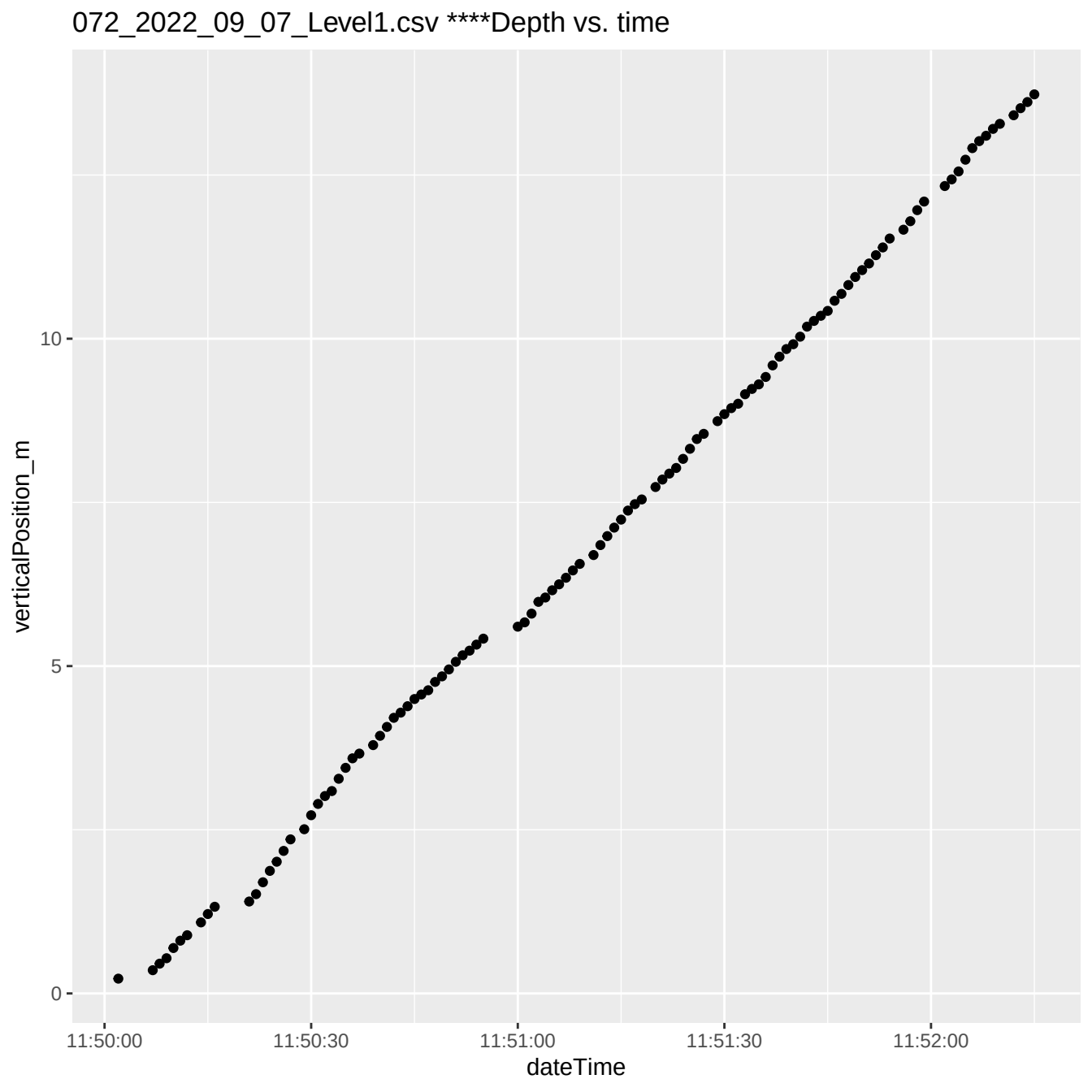

070_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
15
30
45
00
15
dateTime

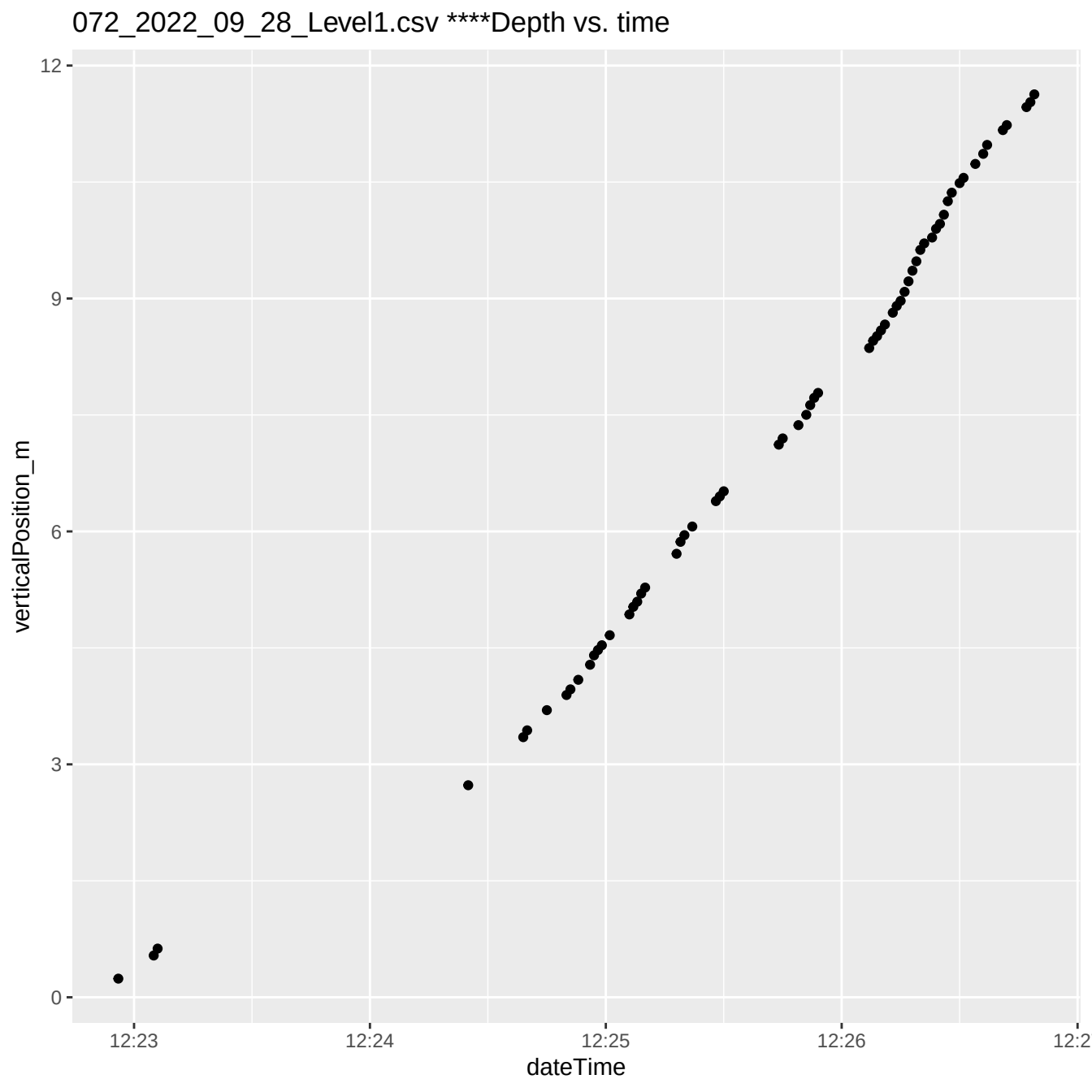

072_2022_07_12_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
11:15:30
11:16:00
11:16:30
dateTime

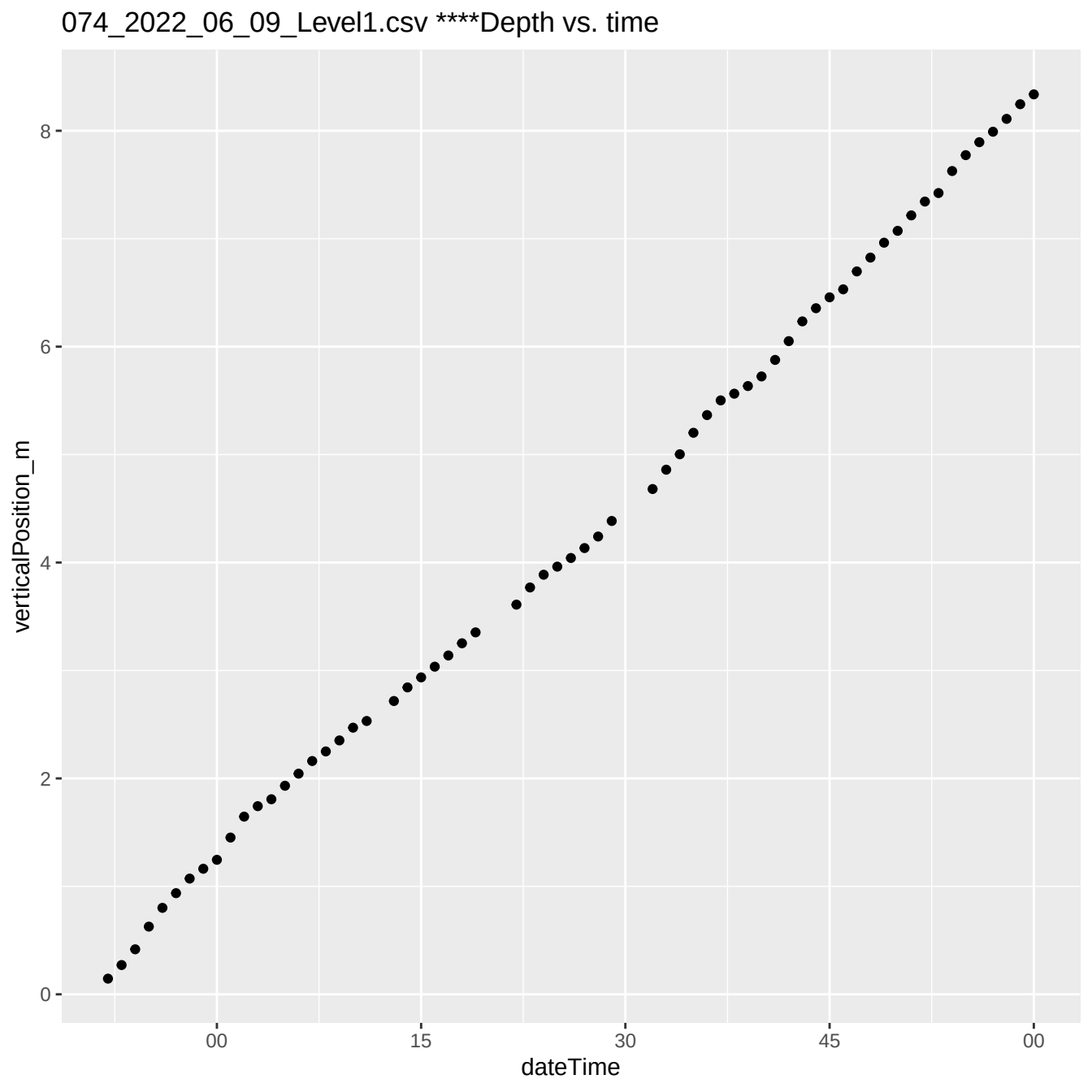

072_2022_07_12_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0
30
60
90
120
turbidity_FNU

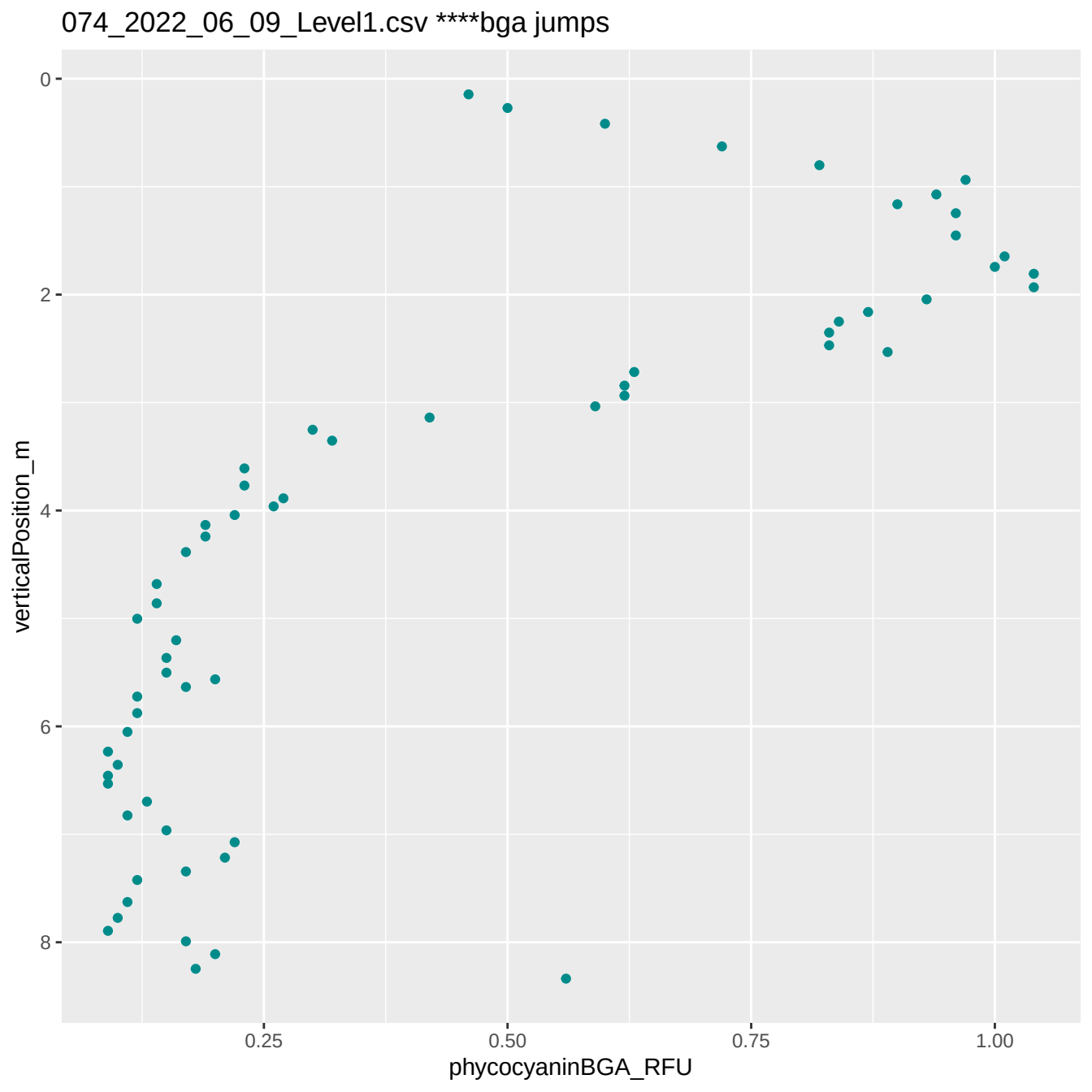

072_2022_07_12_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.4
0.8
1.2
phycocyaninBGA_RFU

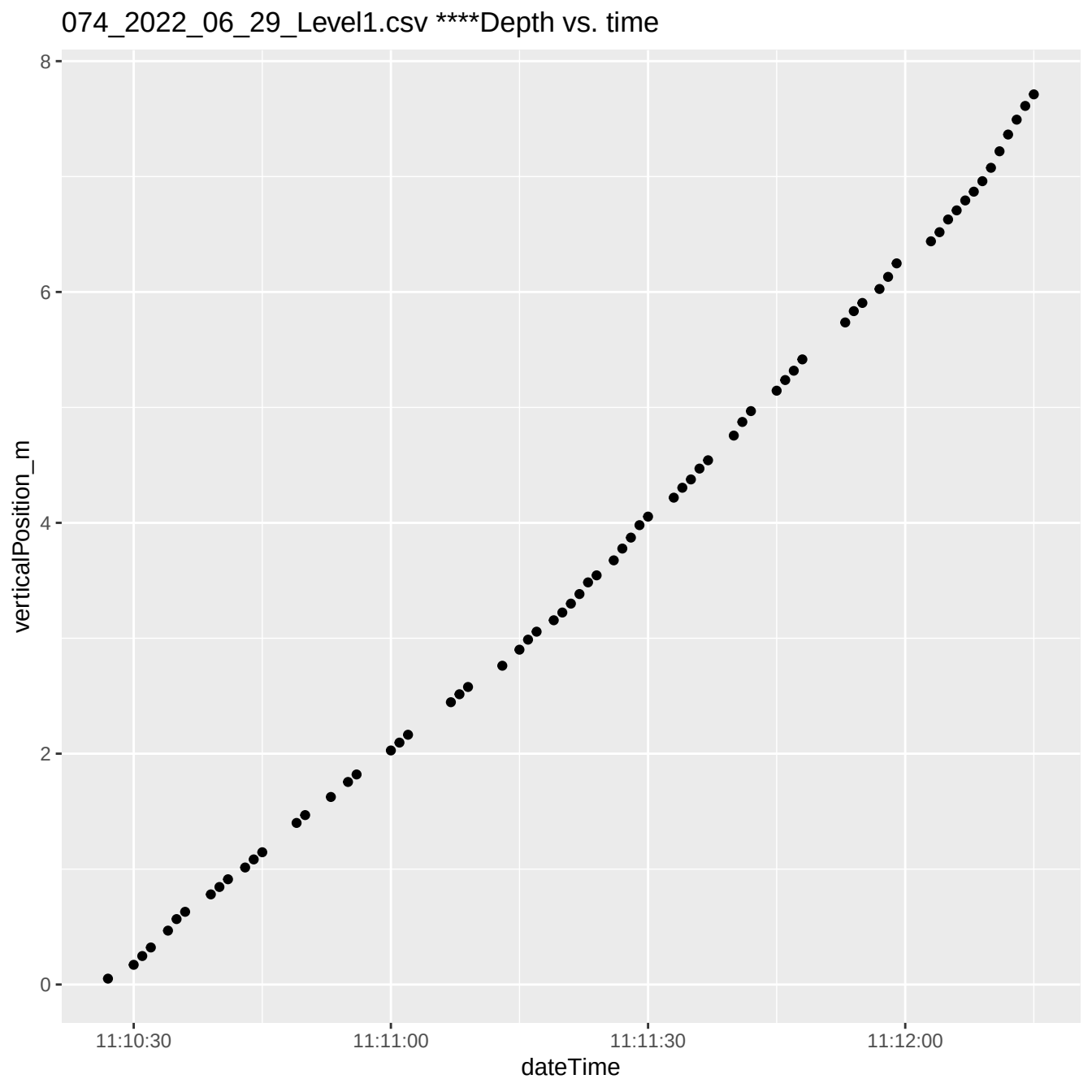

072_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
10:43:30
10:44:00
10:44:30
10:45:00
10:45:30
dateTime

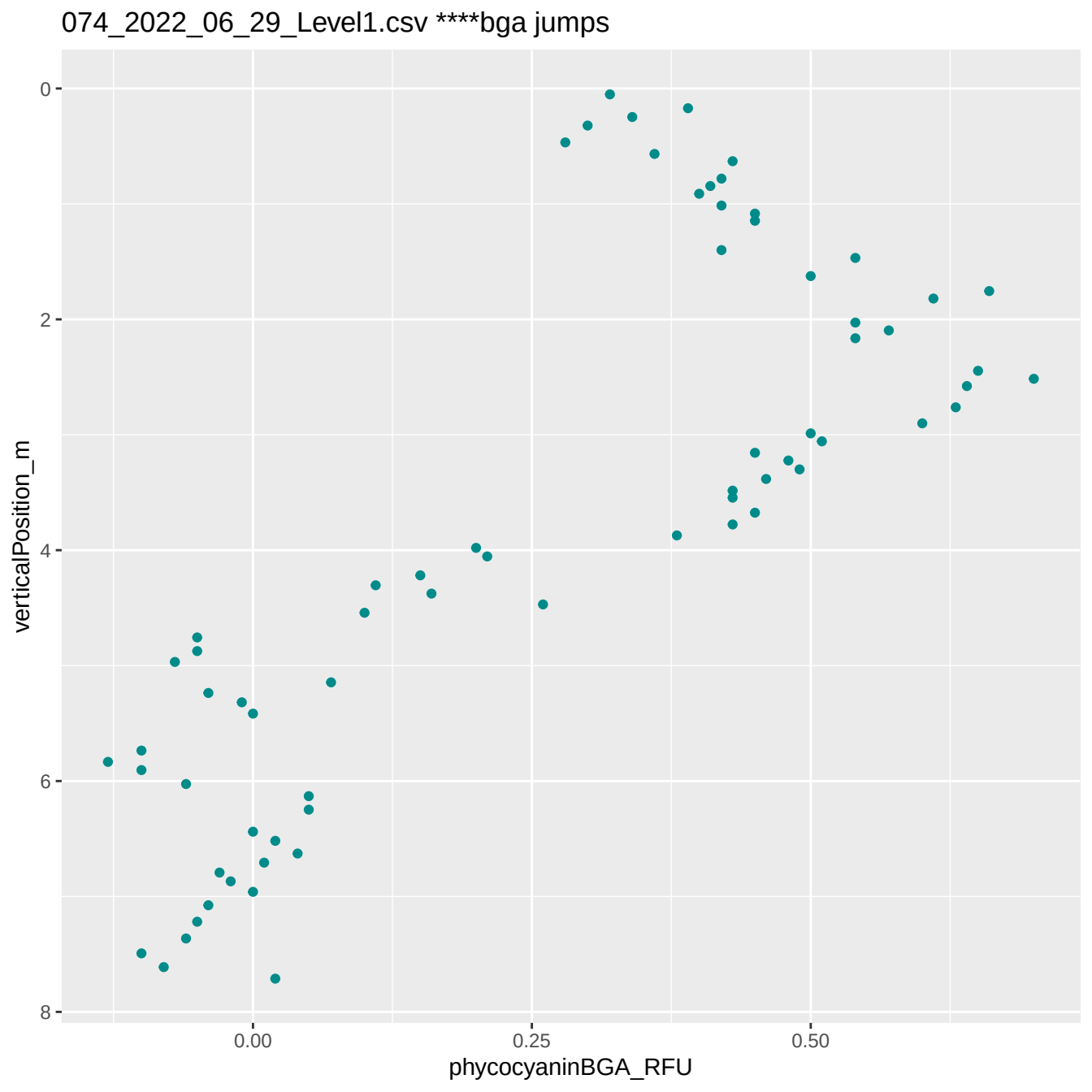

072_2022_09_07_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
11:50:00
11:50:30
11:51:00
11:51:30
11:52:00
dateTime

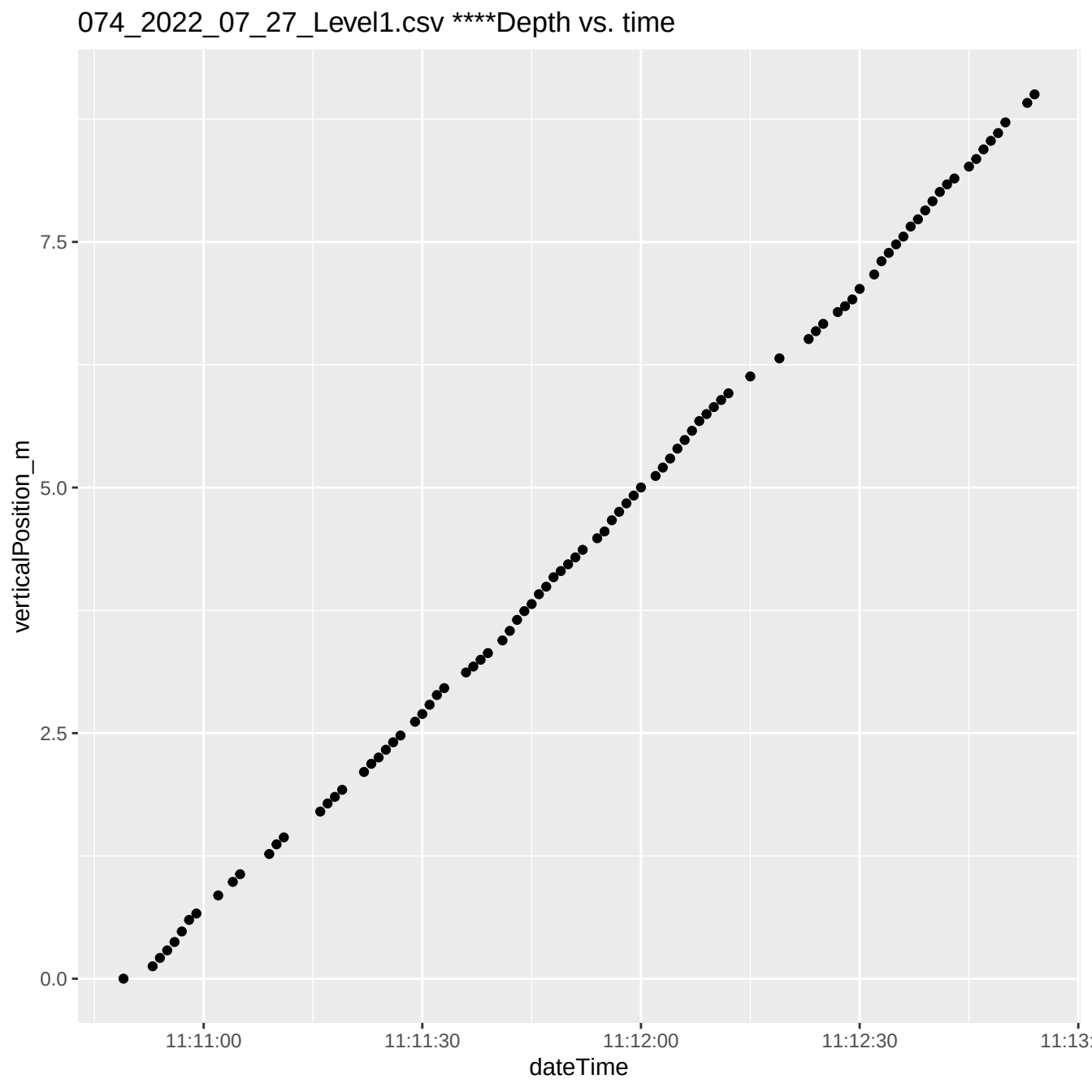

072_2022_09_28_Level1.csv ****Depth vs. time
verticalPosition_m
12
9
6
3
0
12:23
12:24
12:25
12:26
dateTime

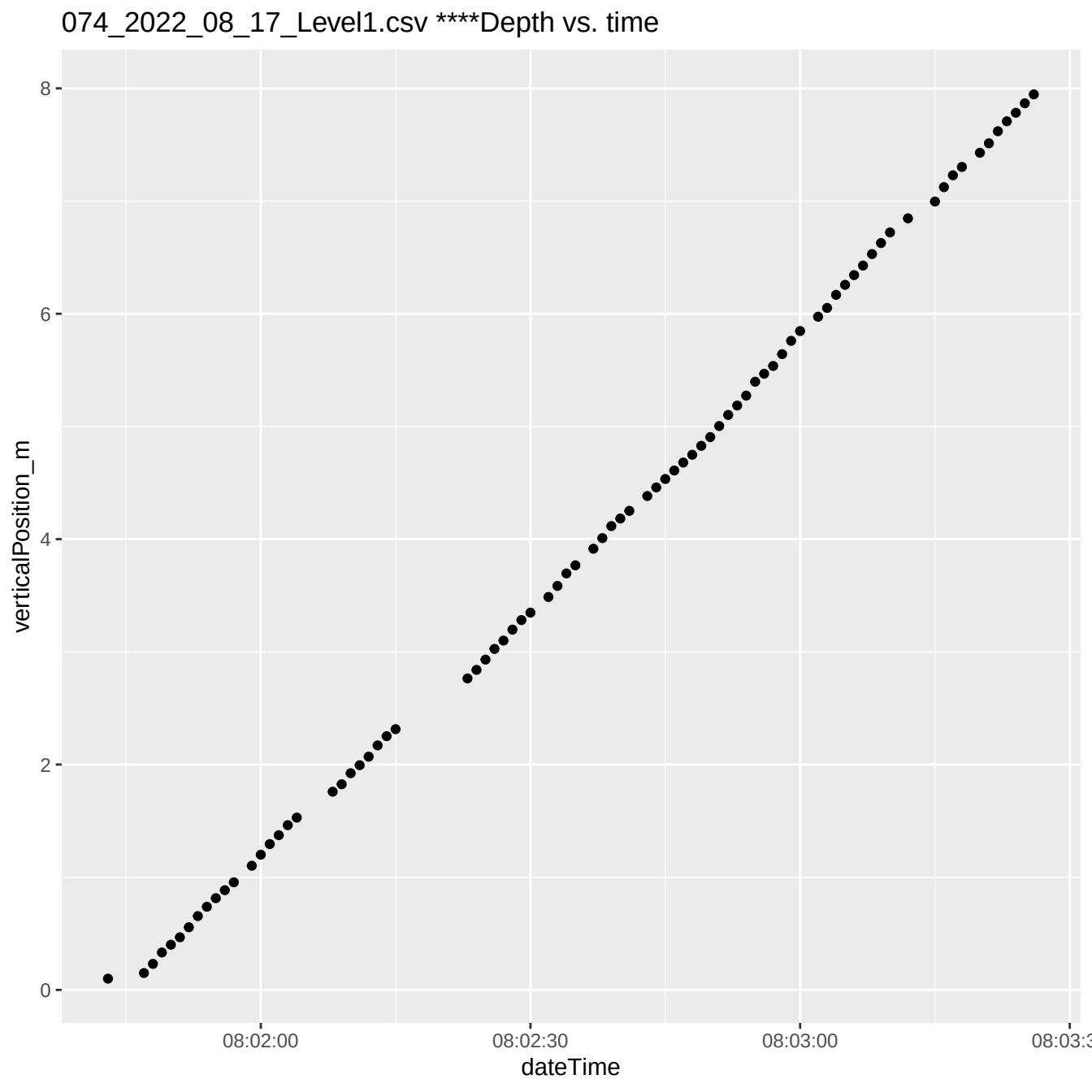

074_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
00
15
30
45
00
dateTime

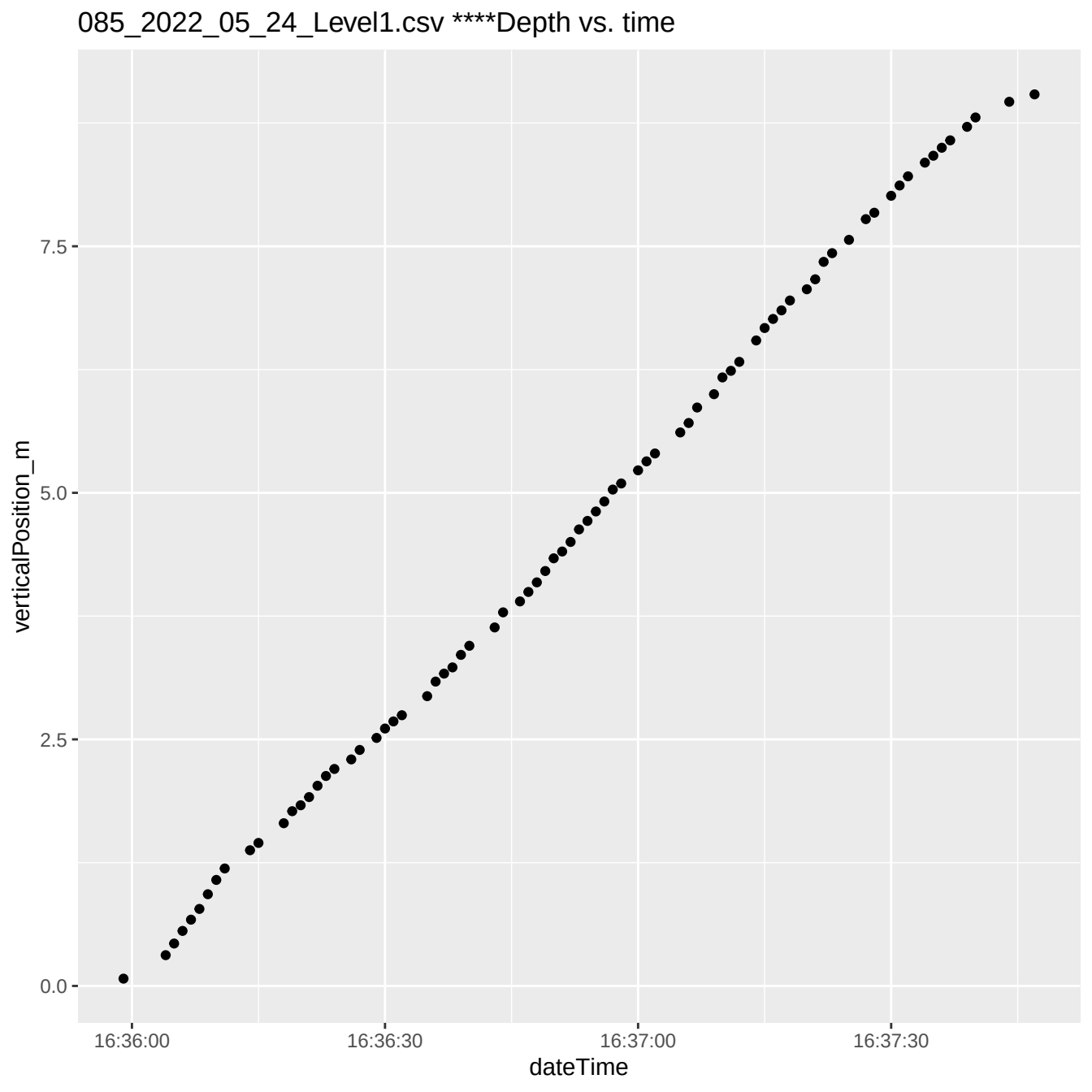

074_2022_06_09_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
0.25
0.50
0.75
1.00
phycocyaninBGA_RFU

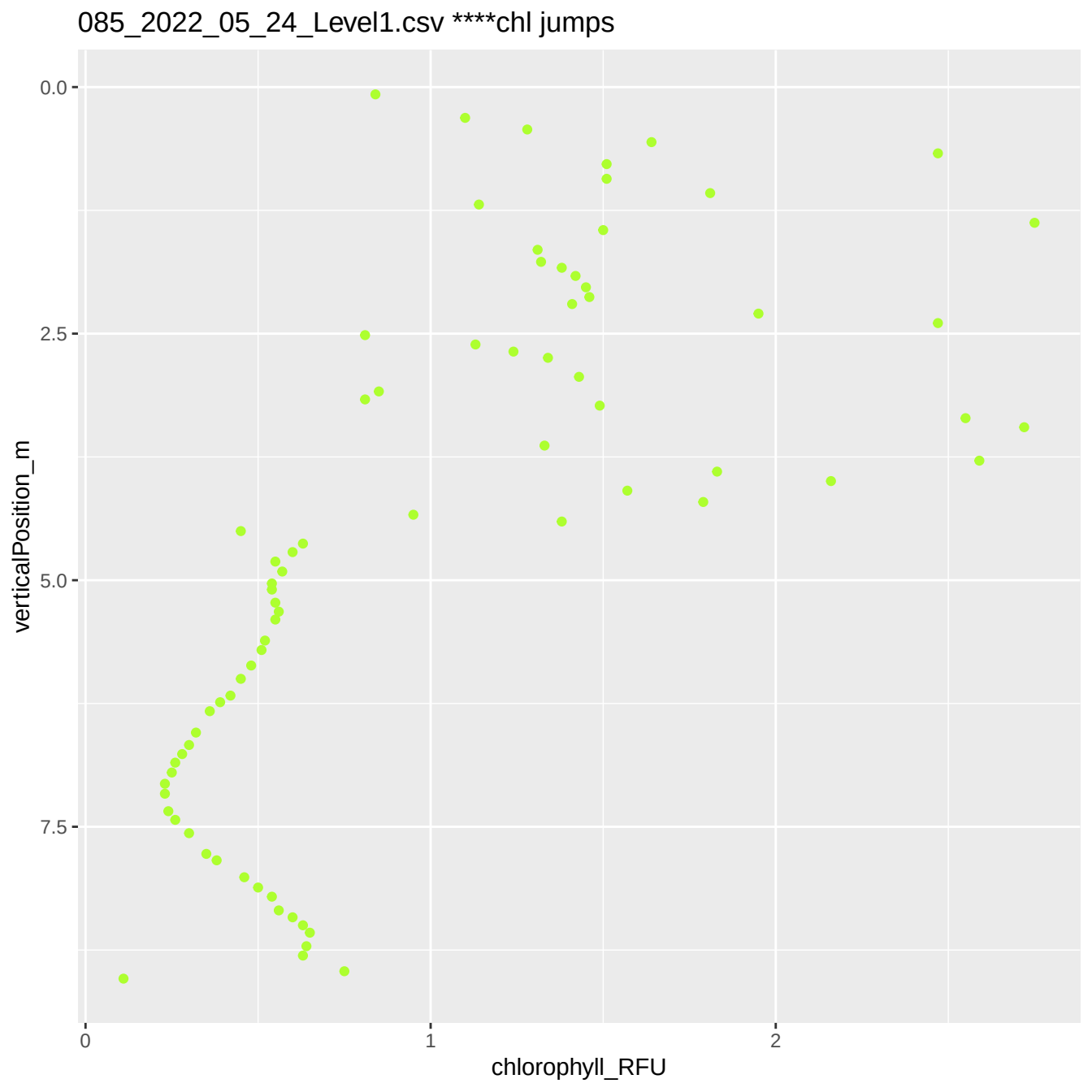

074_2022_06_29_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
11:10:30
11:11:00
11:11:30
11:12:00
dateTime

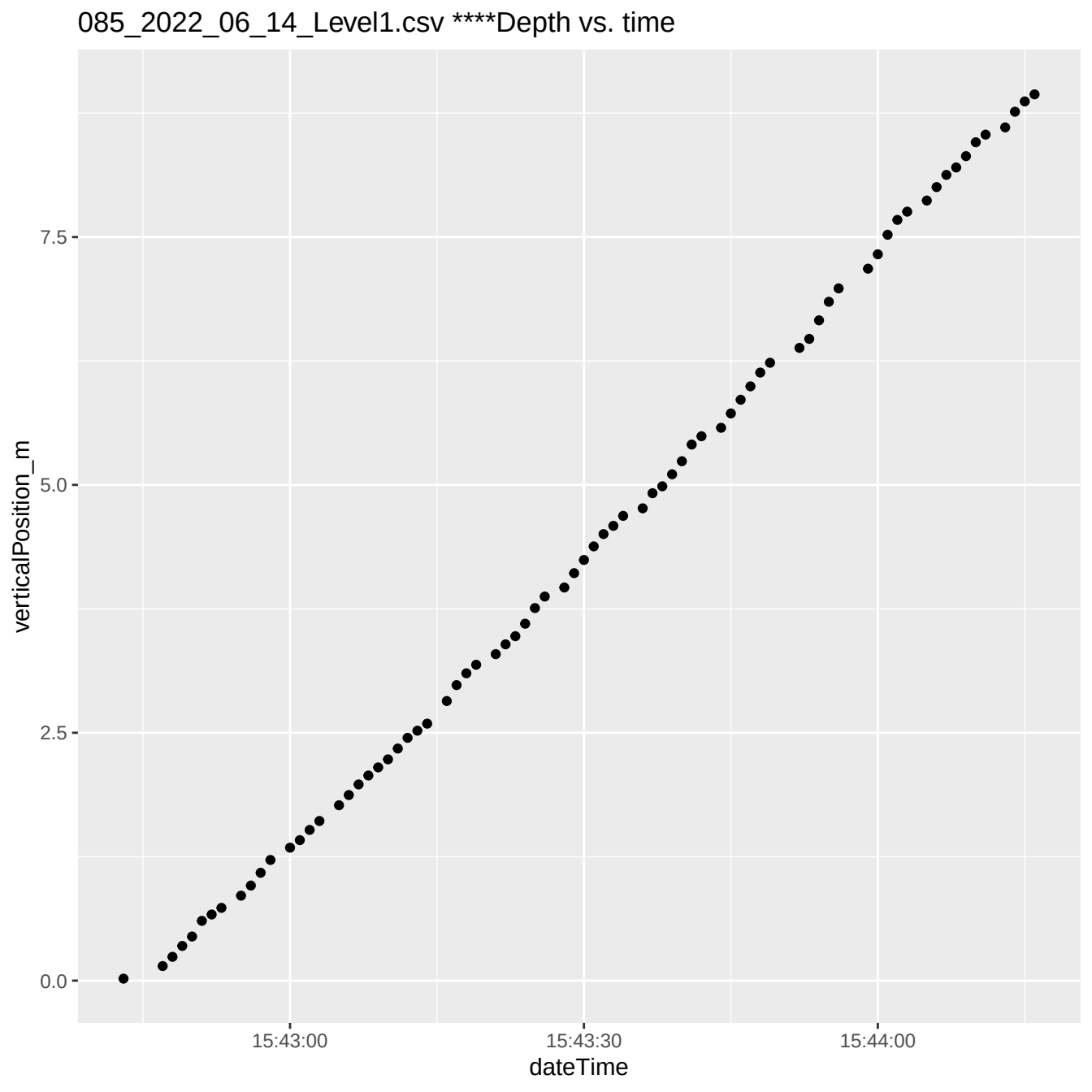

074_2022_06_29_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
0.00
0.25
0.50
phycocyaninBGA_RFU

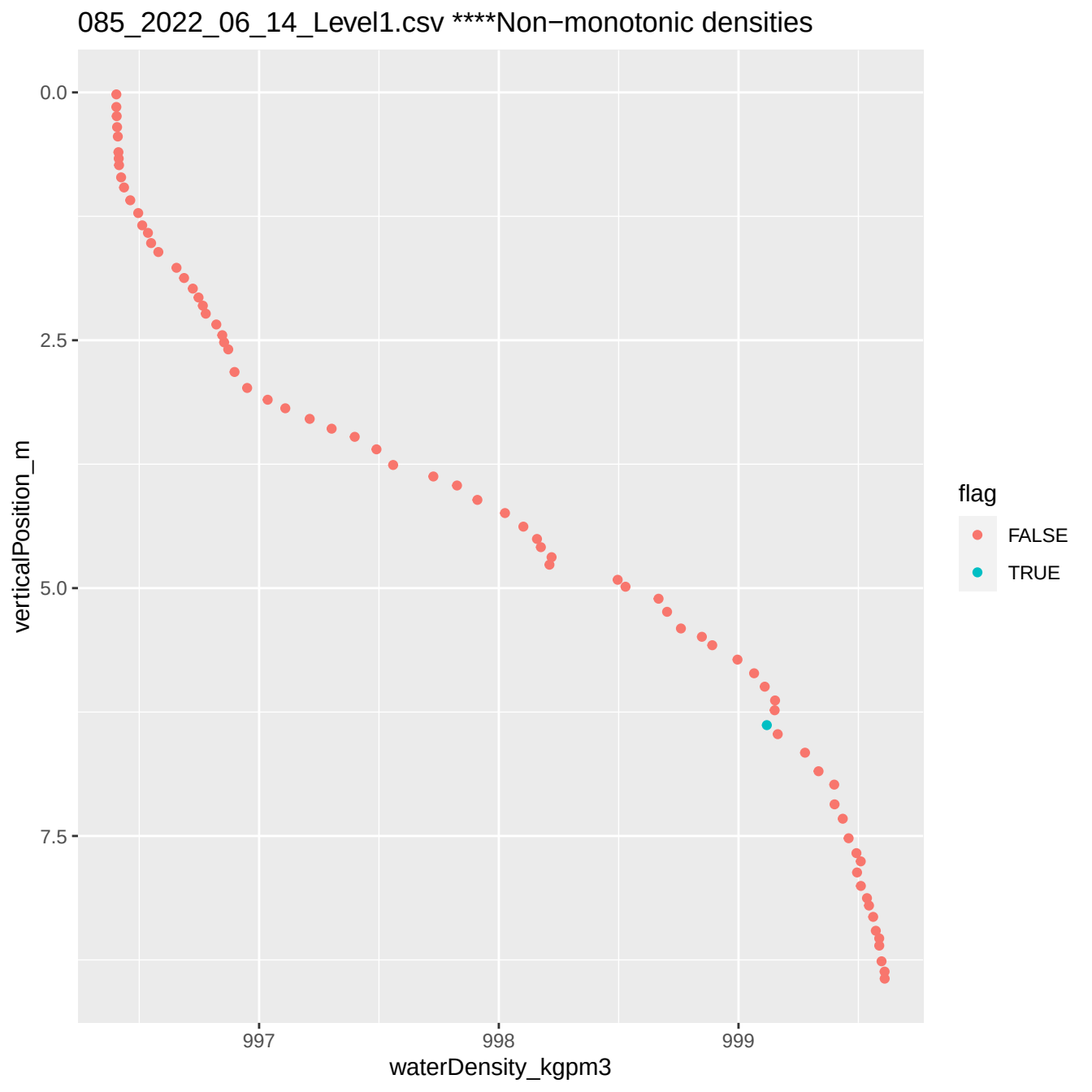

074_2022_07_27_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
11:11:00
11:11:30
11:12:00
11:12:30
dateTime

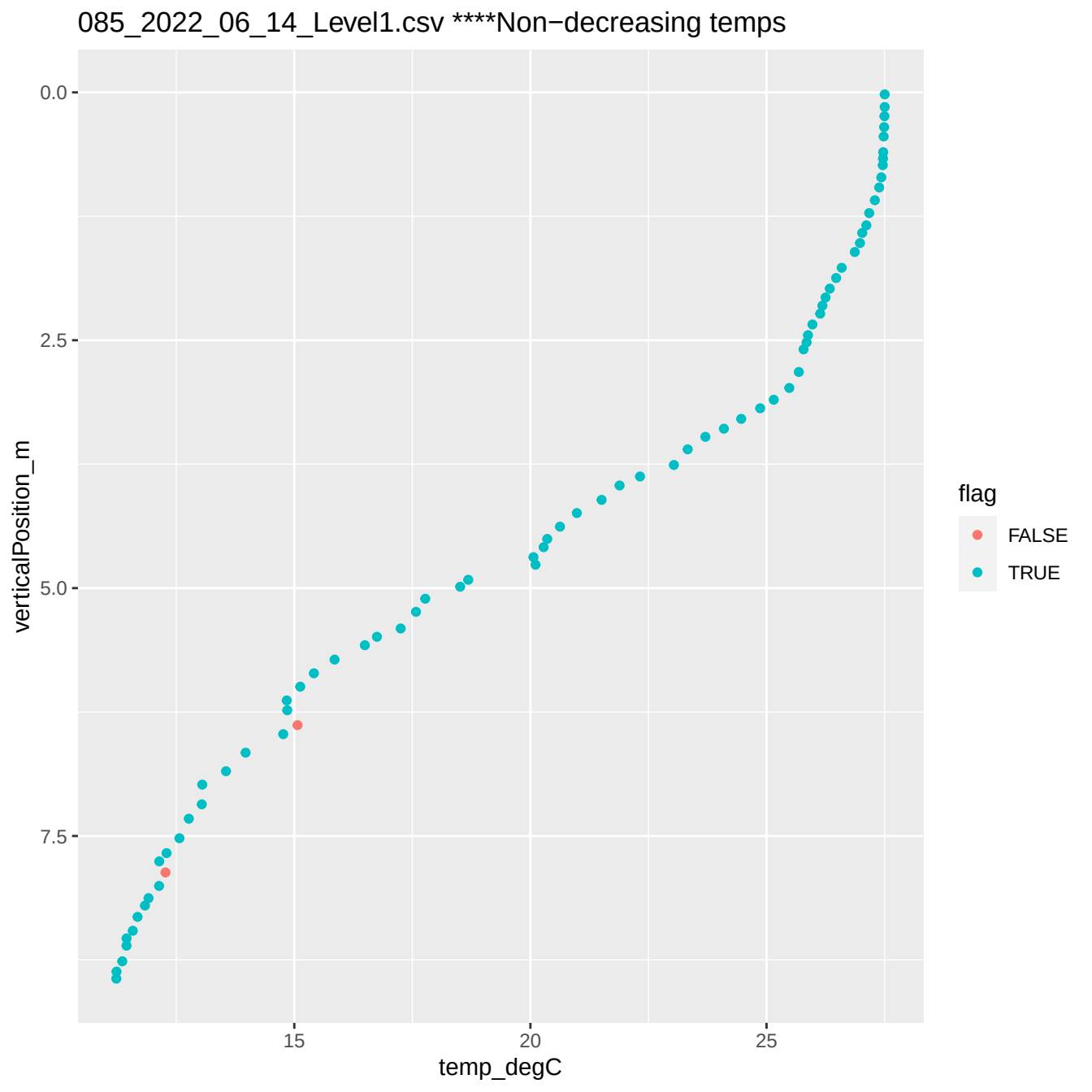

074_2022_08_17_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
08:02:00
08:02:30
08:03:00
dateTime

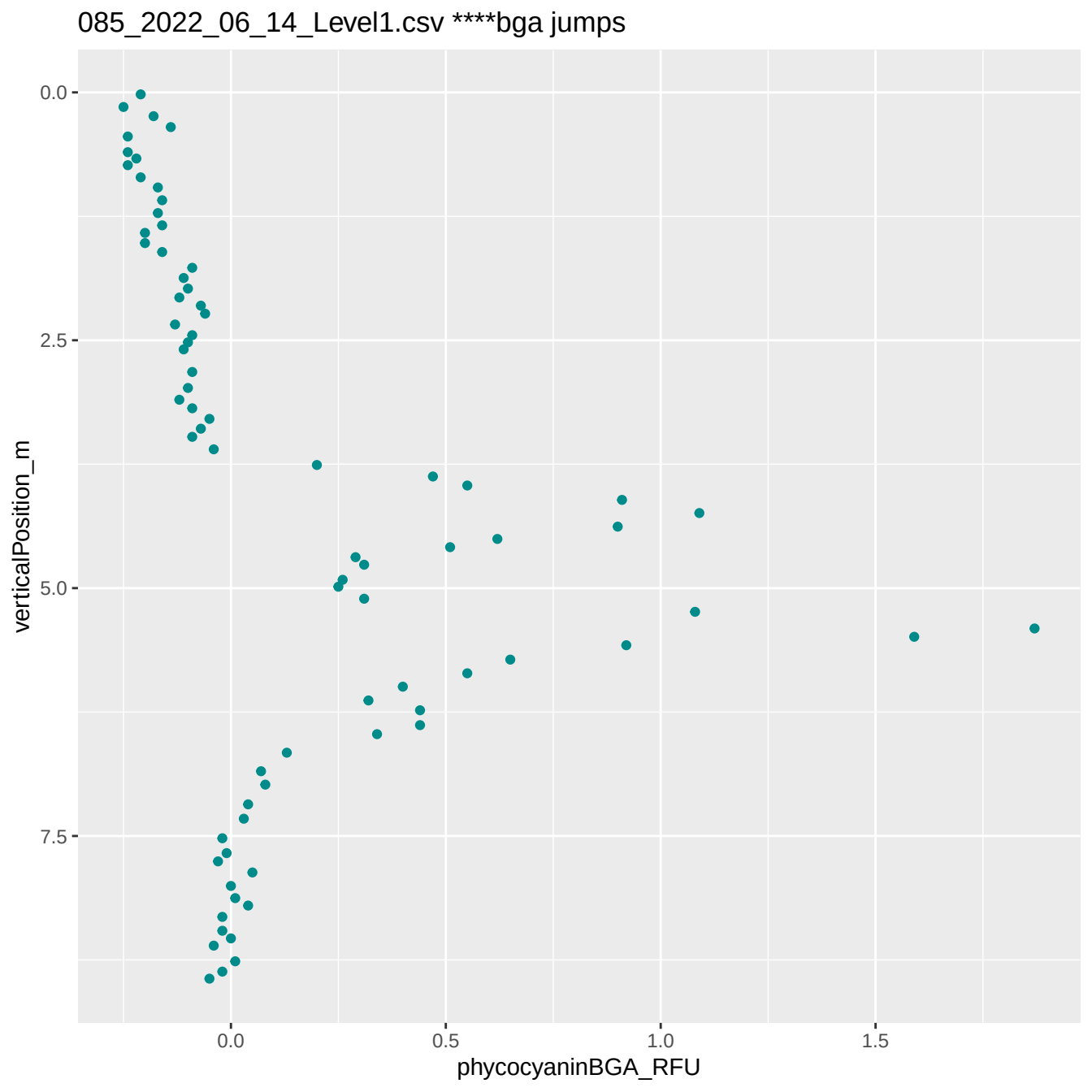

085_2022_05_24_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
16:36:00
16:36:30
16:37:00
16:37:30
dateTime

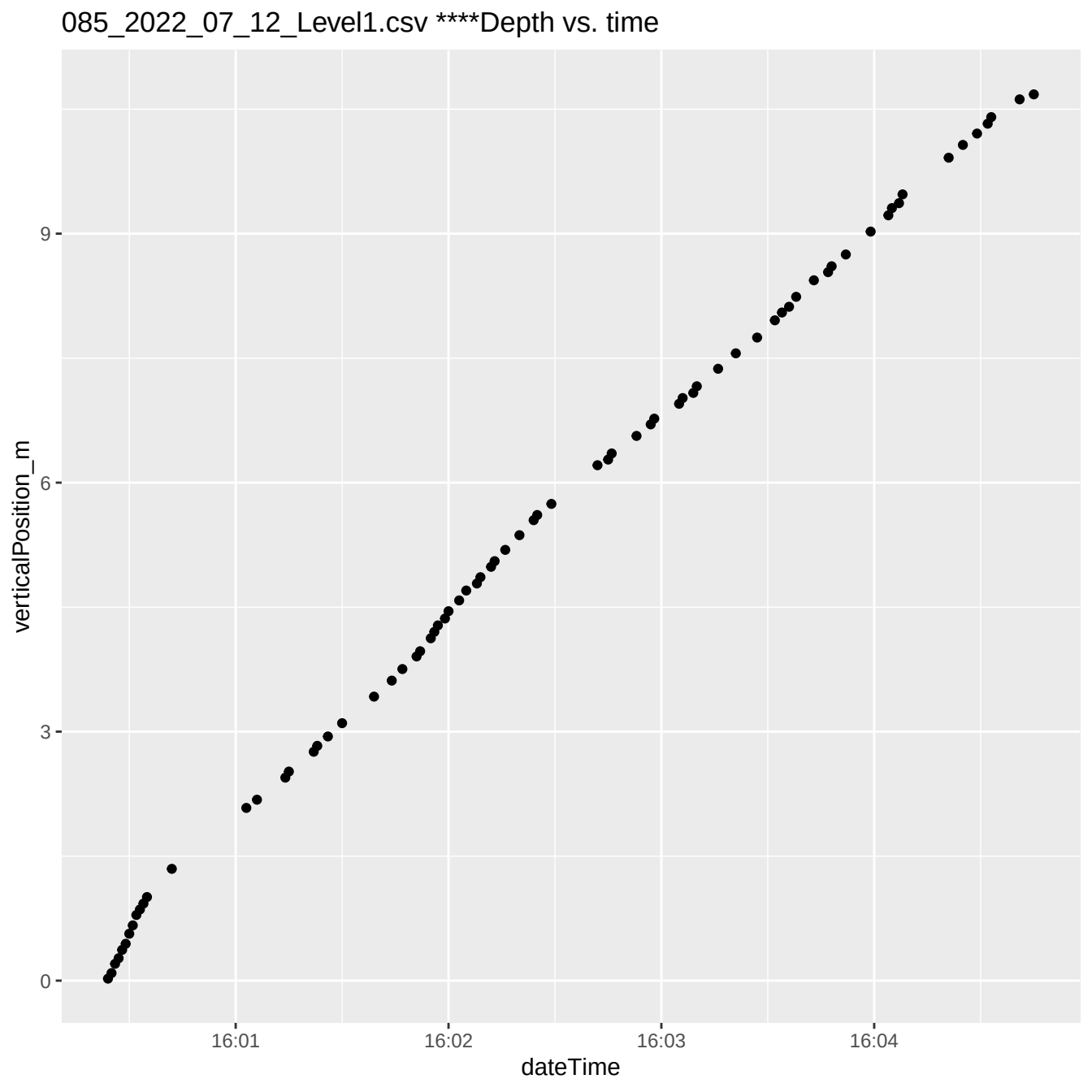

085_2022_05_24_Level1.csv ****chl jumps
0.0
2.5
5.0
7.5
verticalPosition_m
0
1
2
chlorophyll_RFU

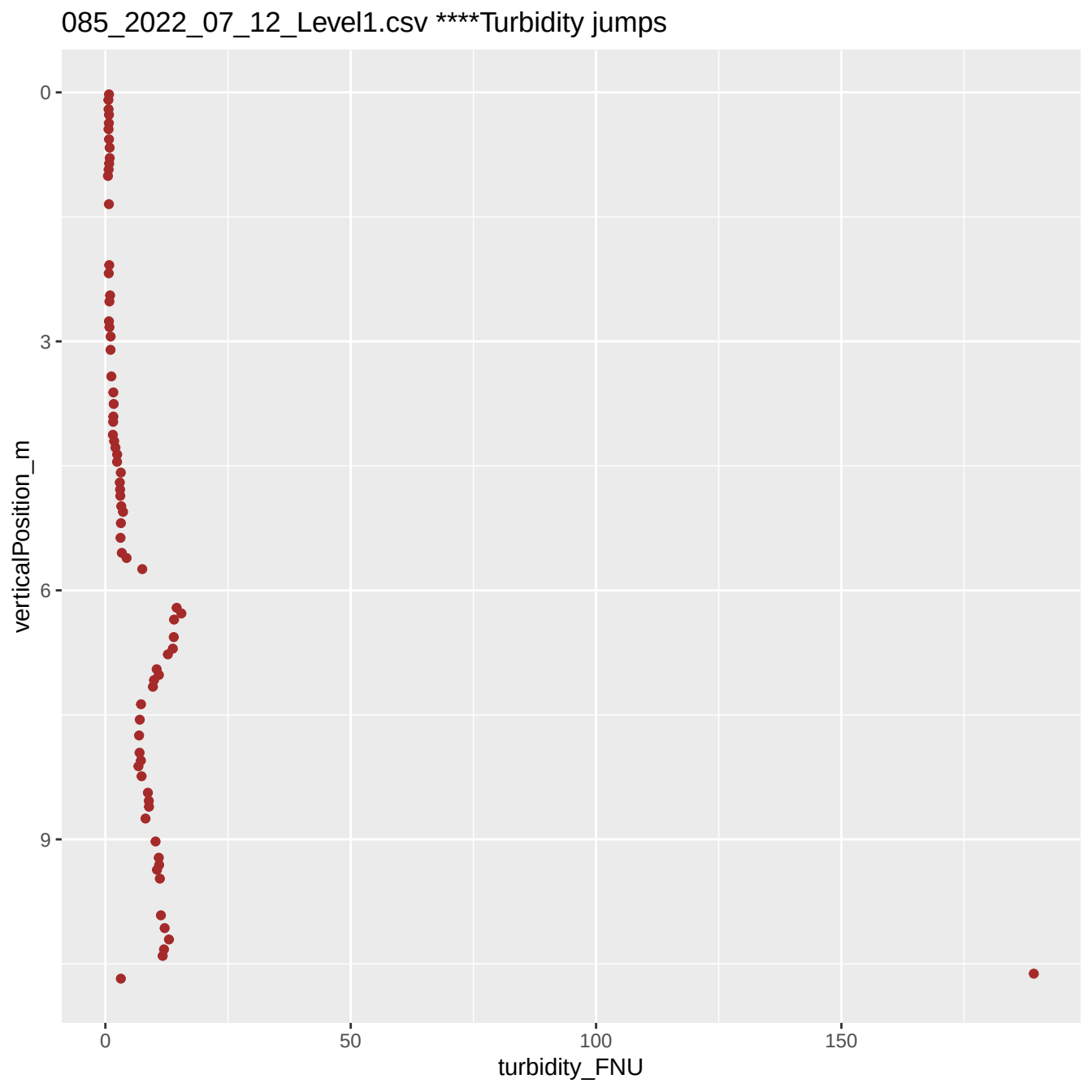

085_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
15:43:00
15:43:30
15:44:00
dateTime

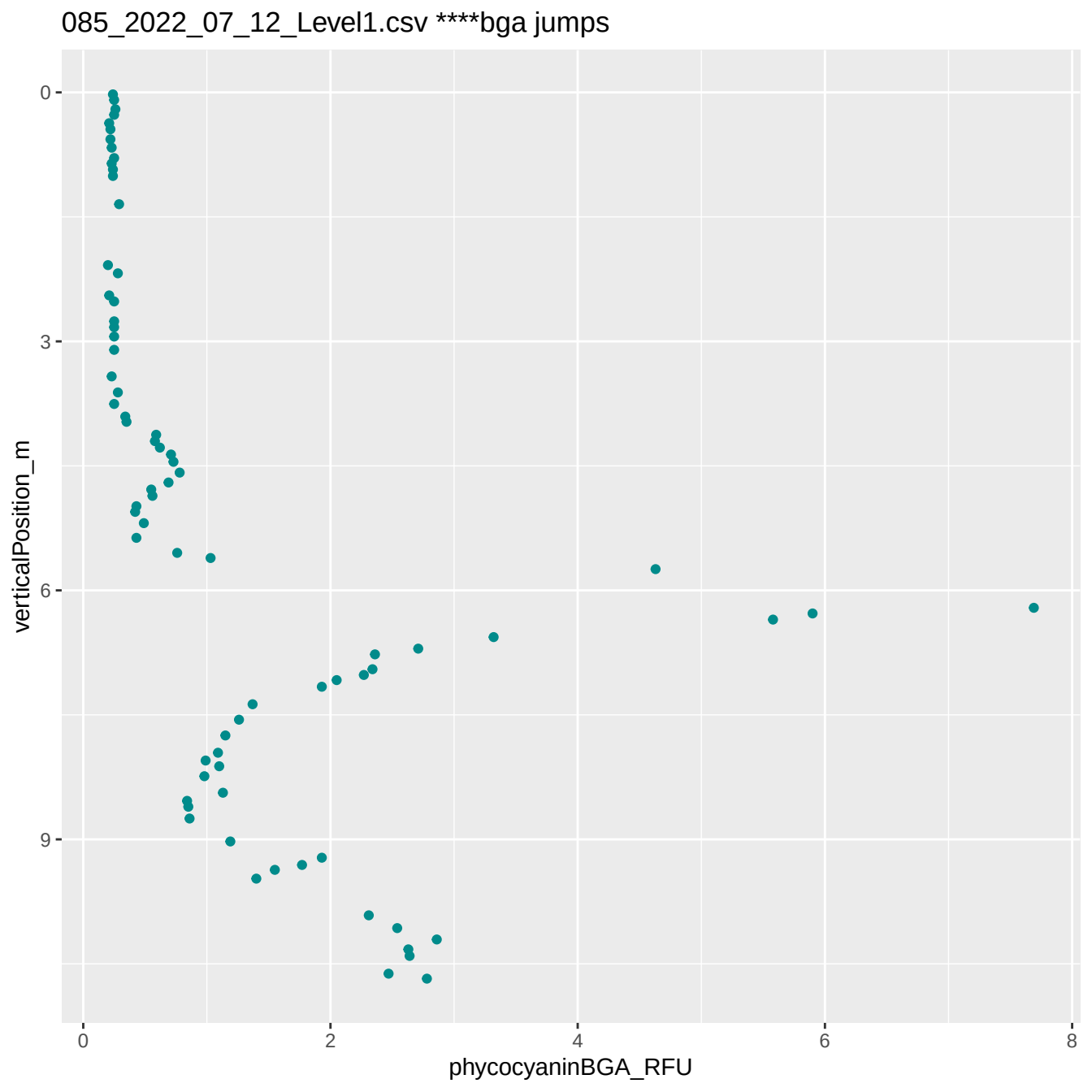

085_2022_06_14_Level1.csv ****Non−monotonic densities
0.0
2.5
5.0
7.5
verticalPosition_m
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

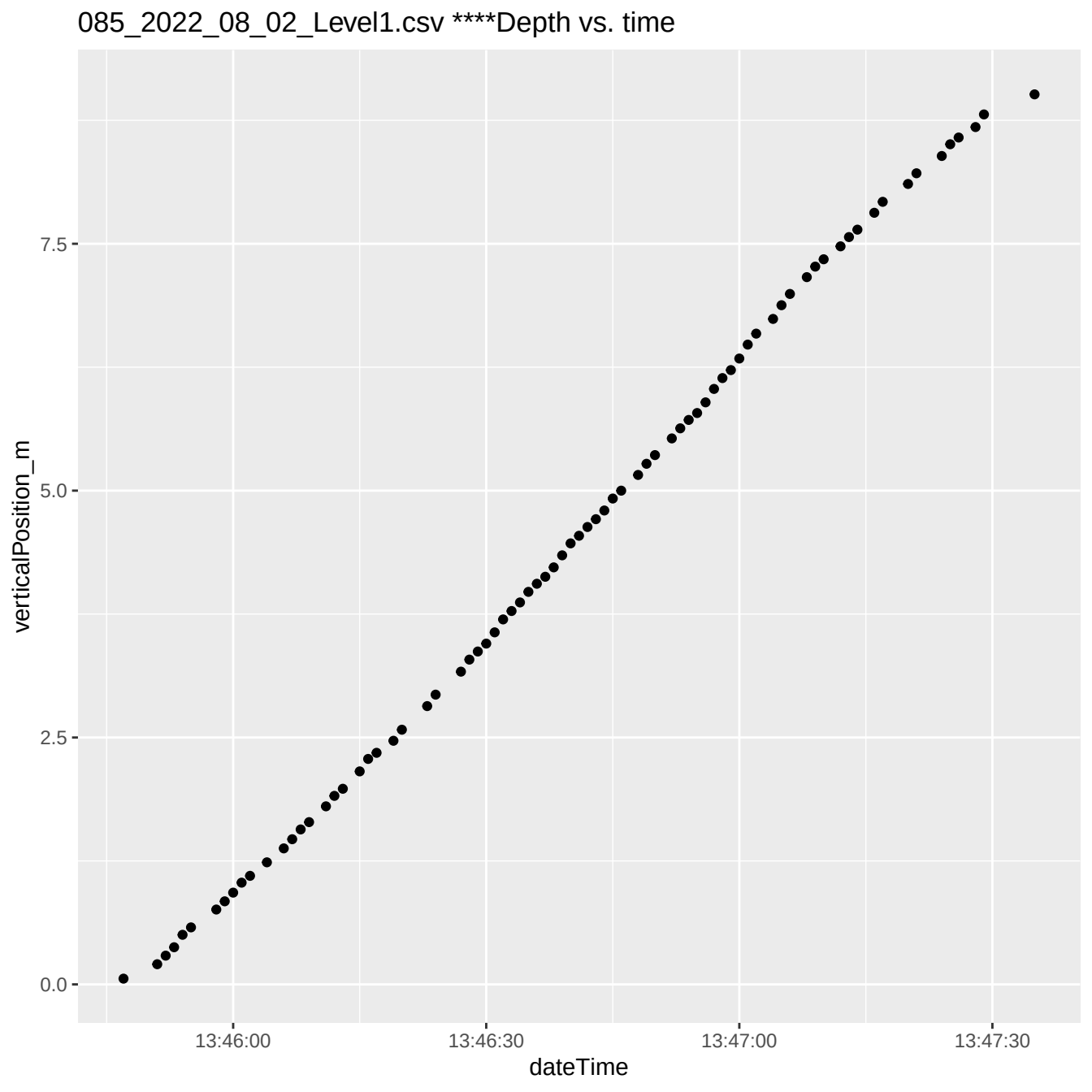

085_2022_06_14_Level1.csv ****Non−decreasing temps
0.0
2.5
5.0
7.5
verticalPosition_m
15
20
25
temp_degC
flag
FALSE
TRUE

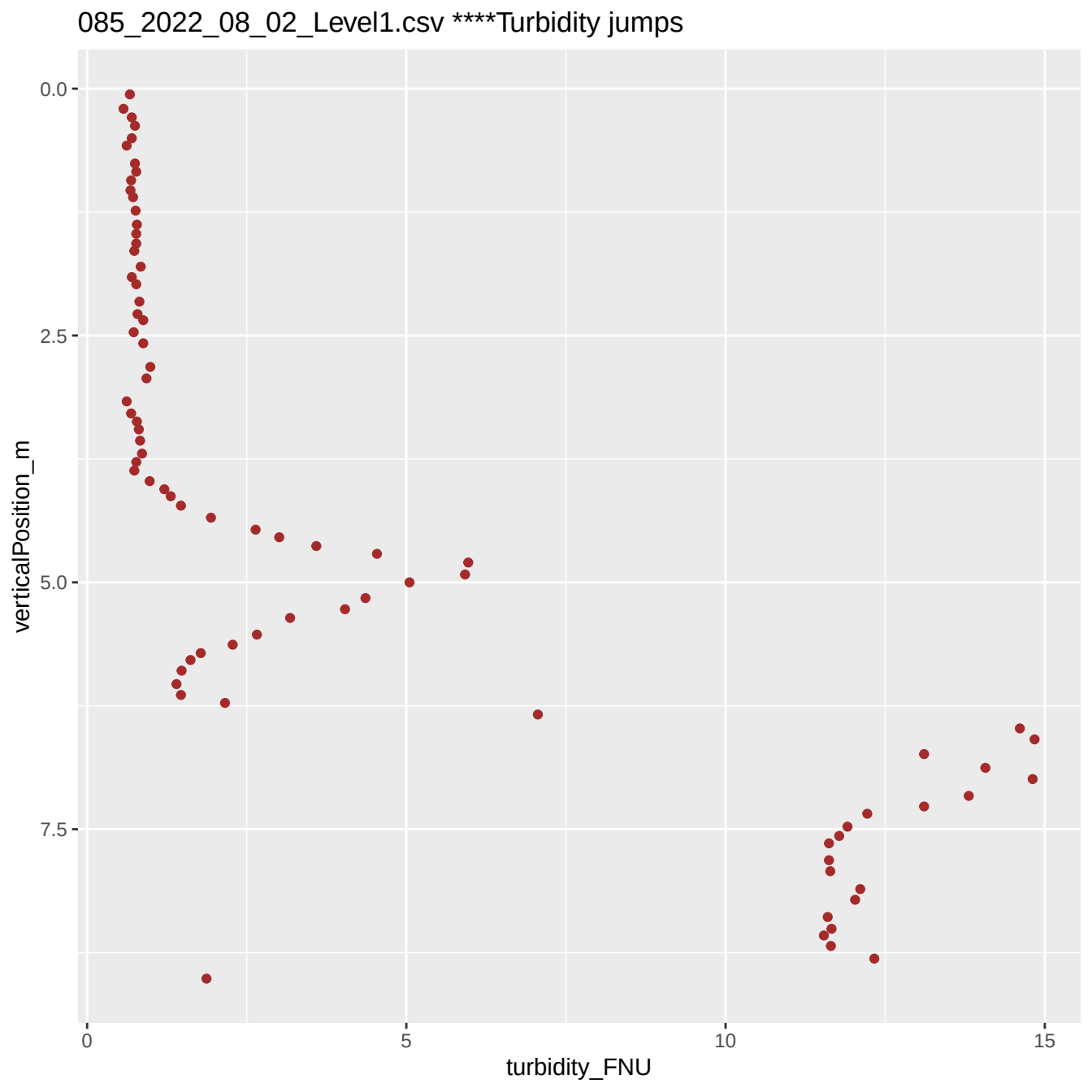

085_2022_06_14_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
0.0
0.5
1.0
1.5
phycocyaninBGA_RFU

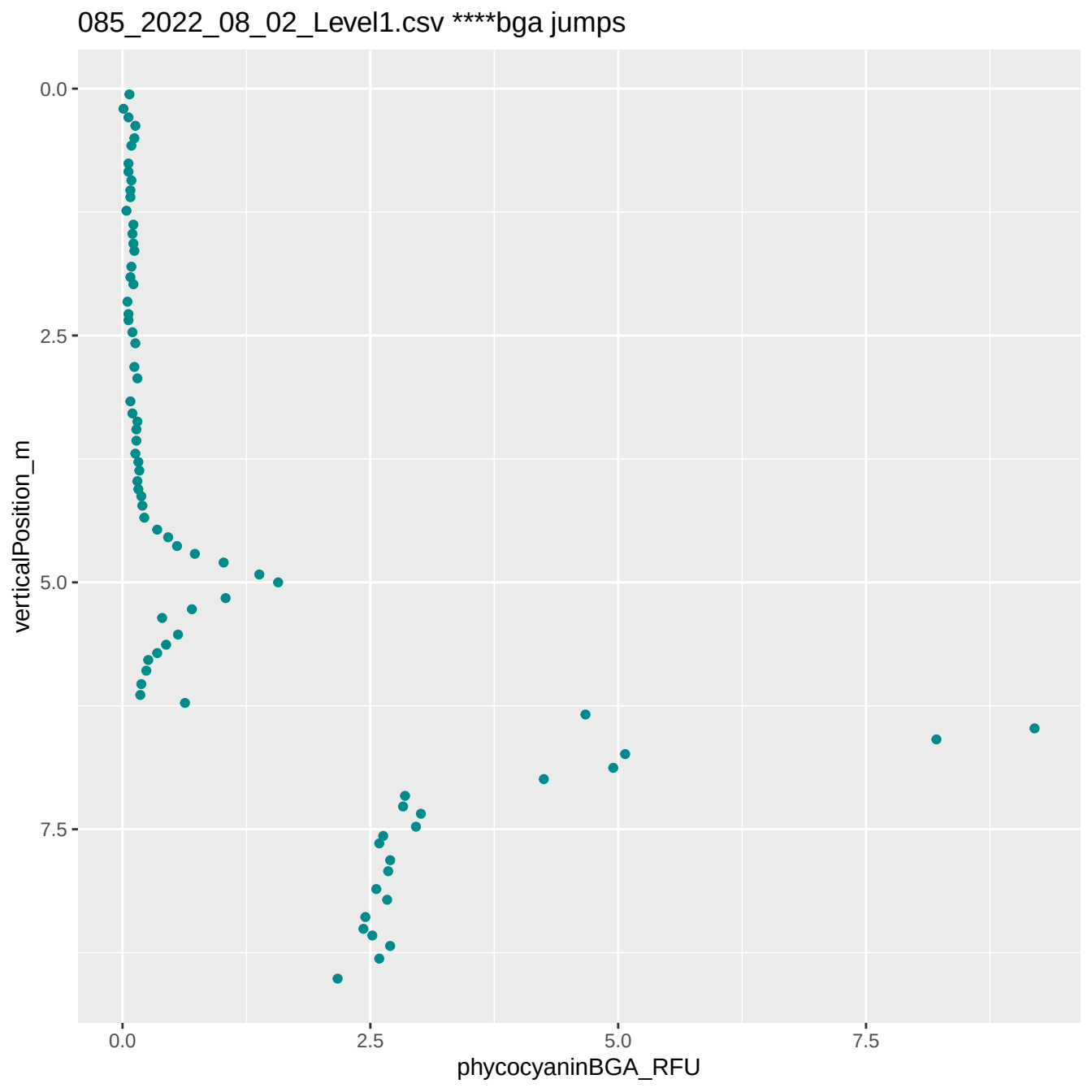

085_2022_07_12_Level1.csv ****Depth vs. time
verticalPosition_m
9
6
3
0
16:01
16:02
16:03
16:04
dateTime

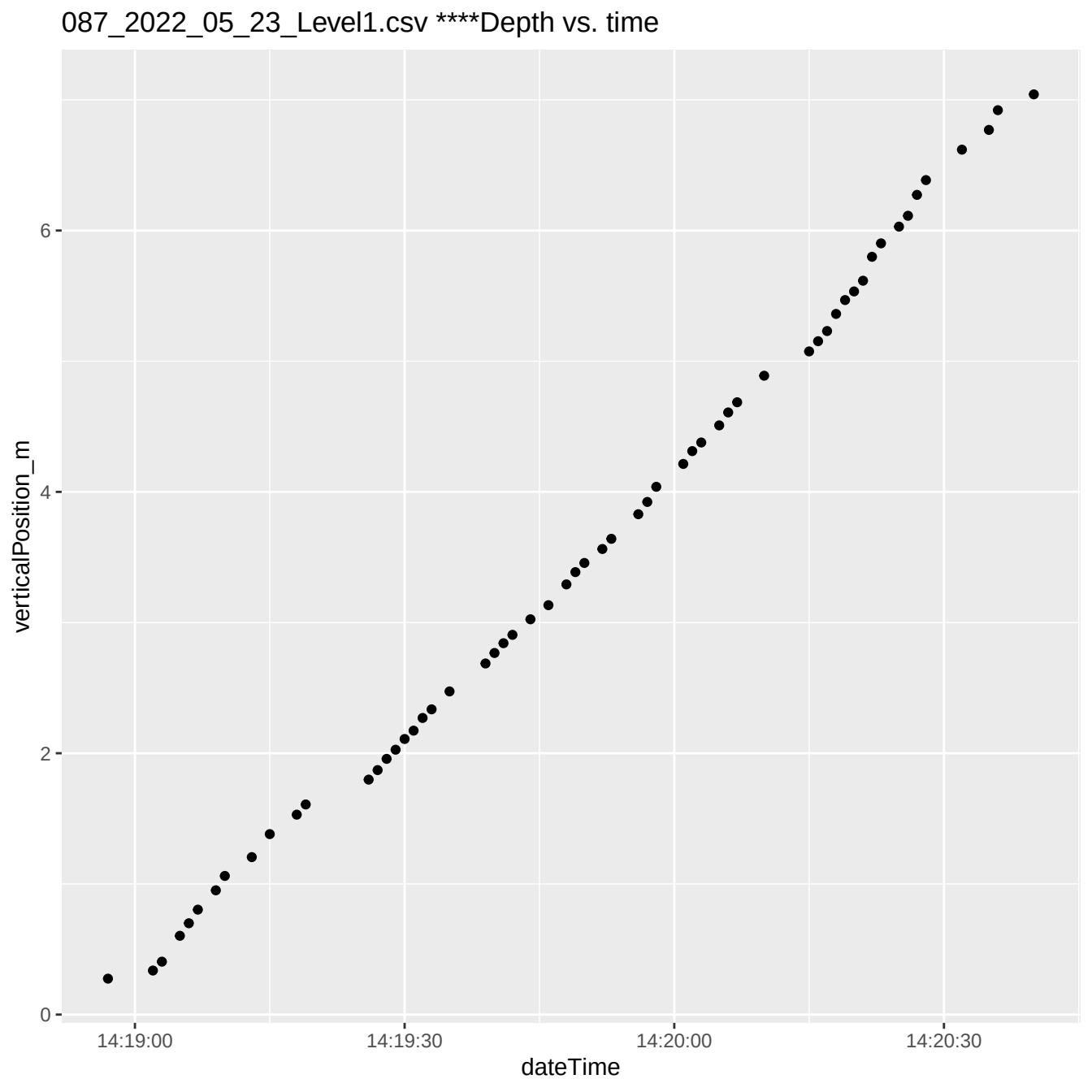

085_2022_07_12_Level1.csv ****Turbidity jumps
verticalPosition_m
0
3
6
9
0
50
100
150
turbidity_FNU

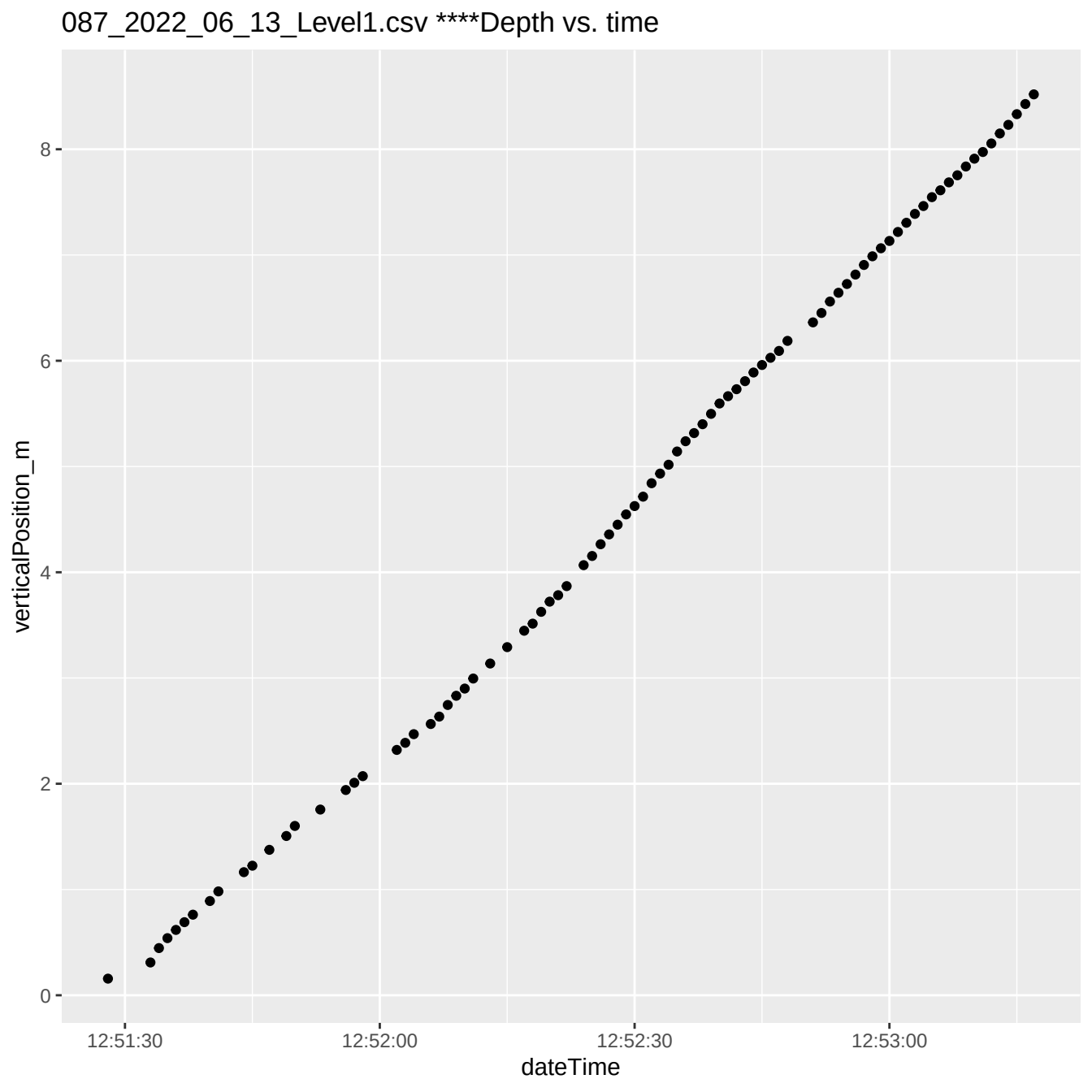

085_2022_07_12_Level1.csv ****bga jumps
verticalPosition_m
0
3
6
9
0
2
4
6
8
phycocyaninBGA_RFU

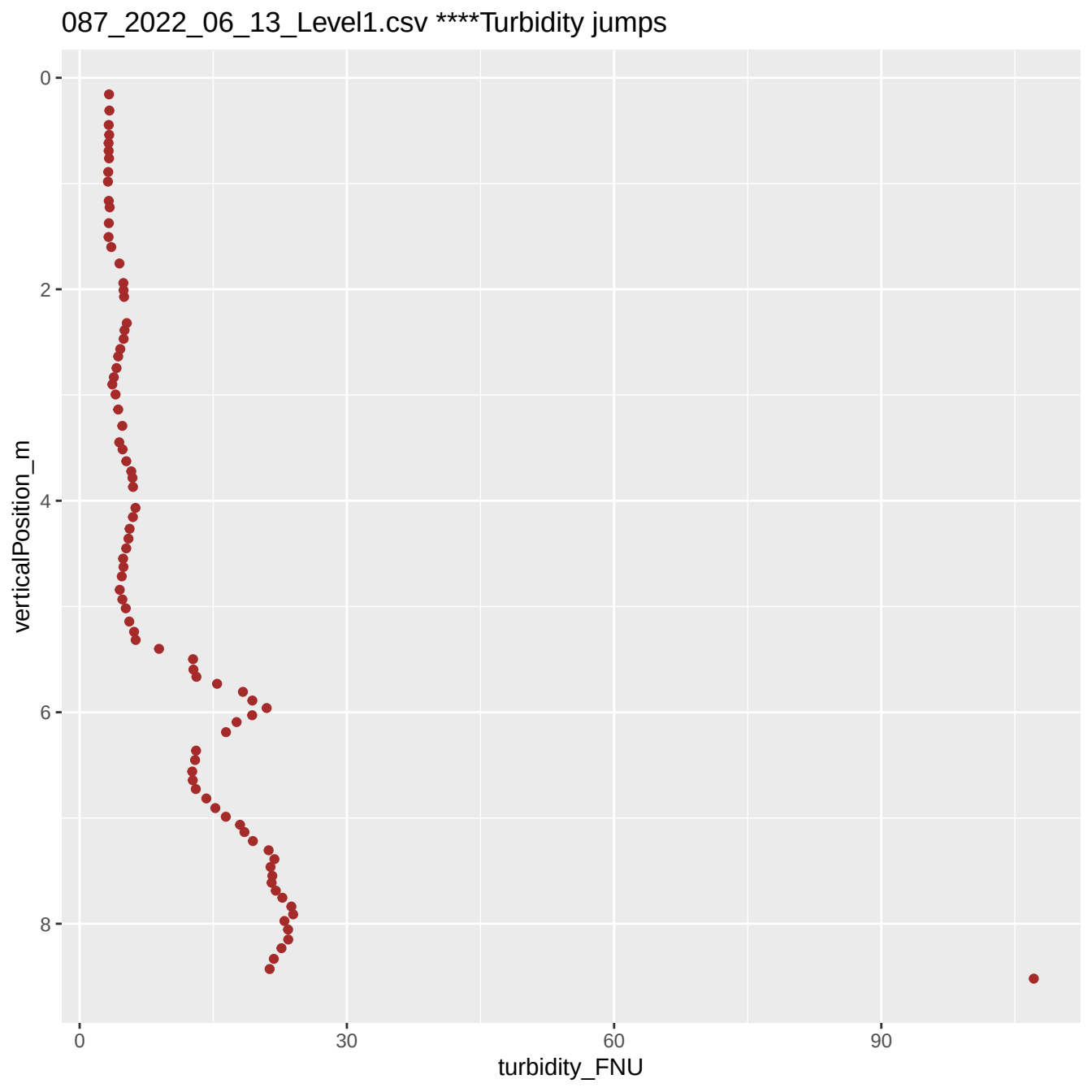

085_2022_08_02_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
13:46:00
13:46:30
13:47:00
13:47:30
dateTime

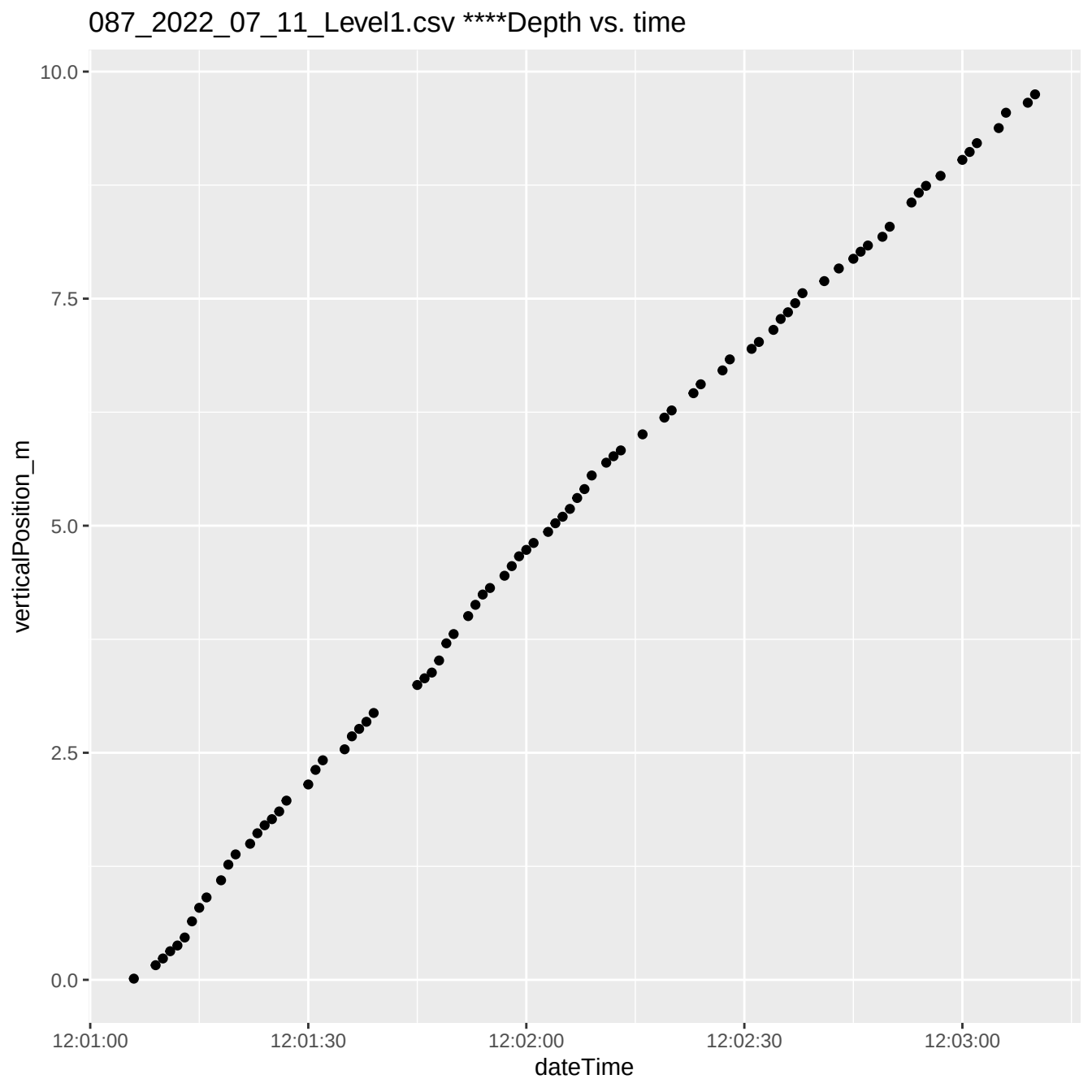

085_2022_08_02_Level1.csv ****Turbidity jumps
verticalPosition_m
0.0
2.5
5.0
7.5
0
5
10
15
turbidity_FNU

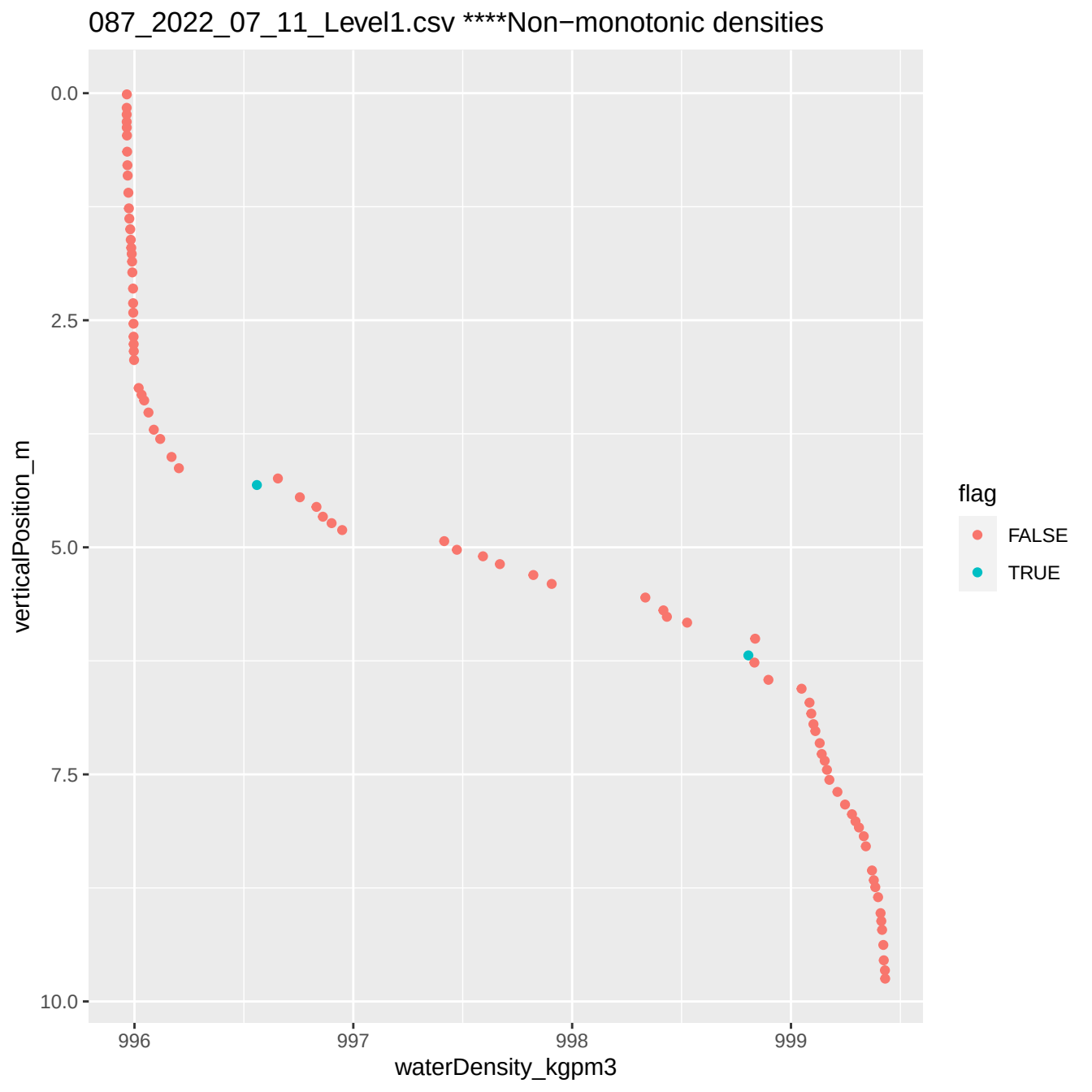

085_2022_08_02_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
0.0
2.5
5.0
7.5
phycocyaninBGA_RFU

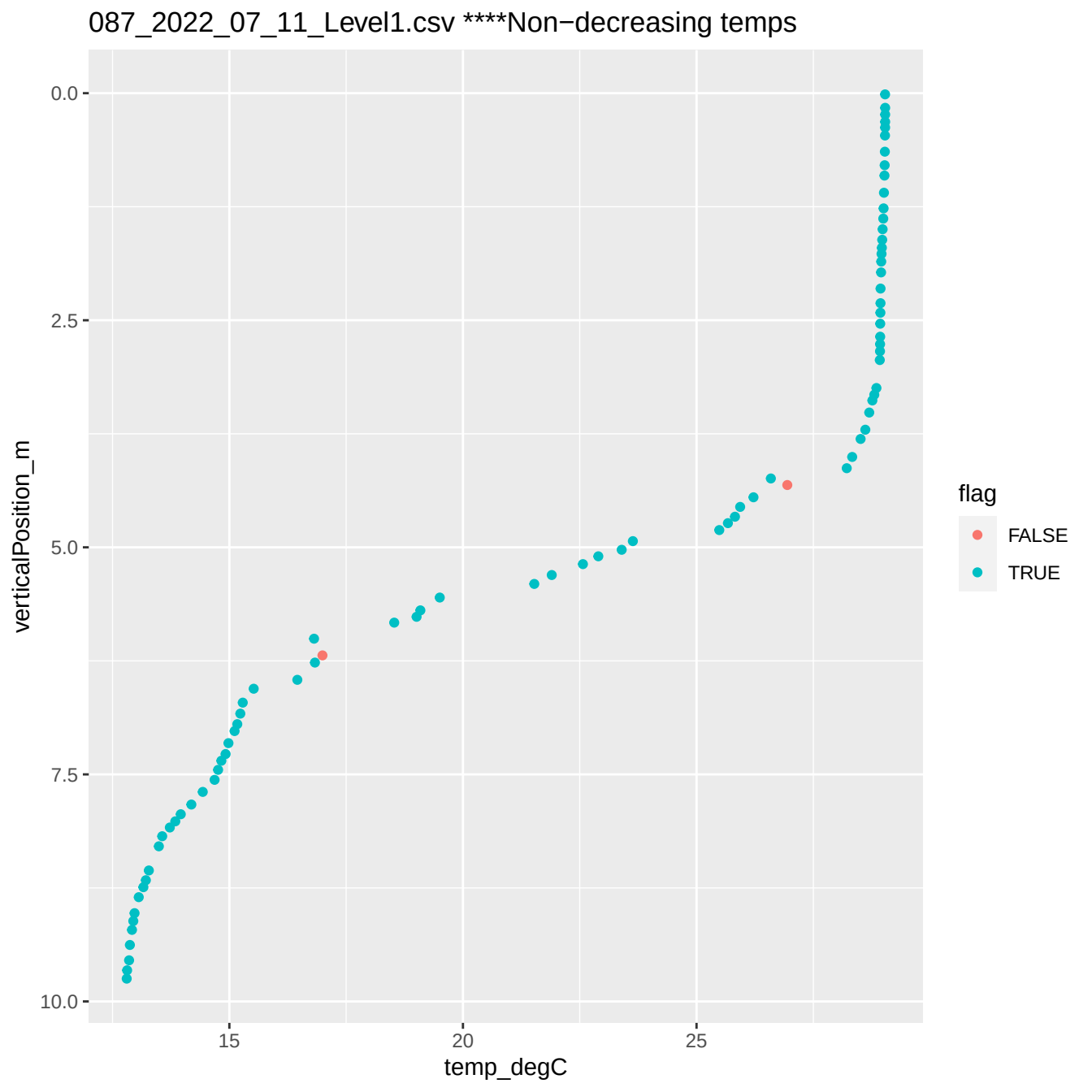

087_2022_05_23_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
14:19:00
14:19:30
14:20:00
14:20:30
dateTime

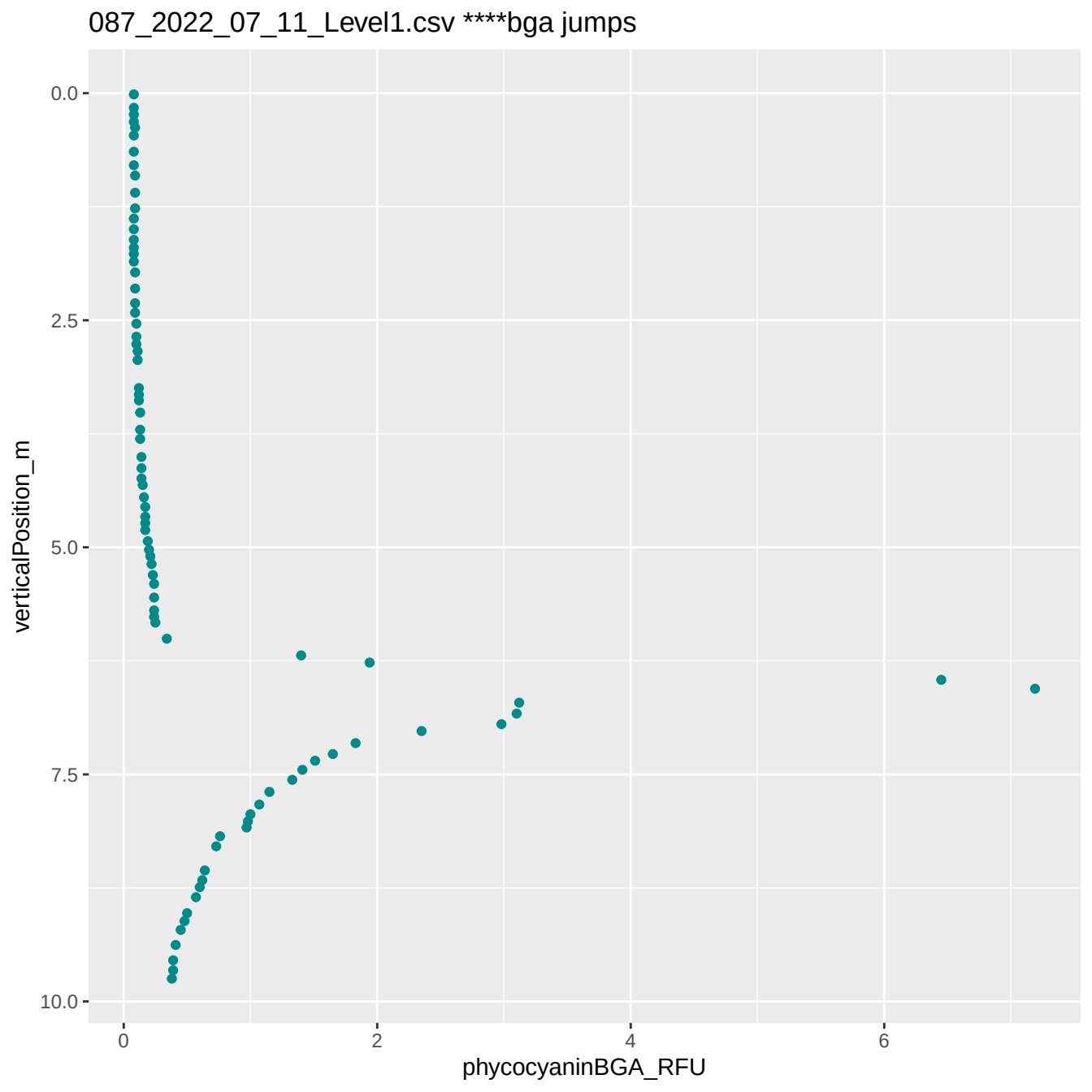

087_2022_06_13_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
8
12:51:30
12:52:00
12:52:30
12:53:00
dateTime

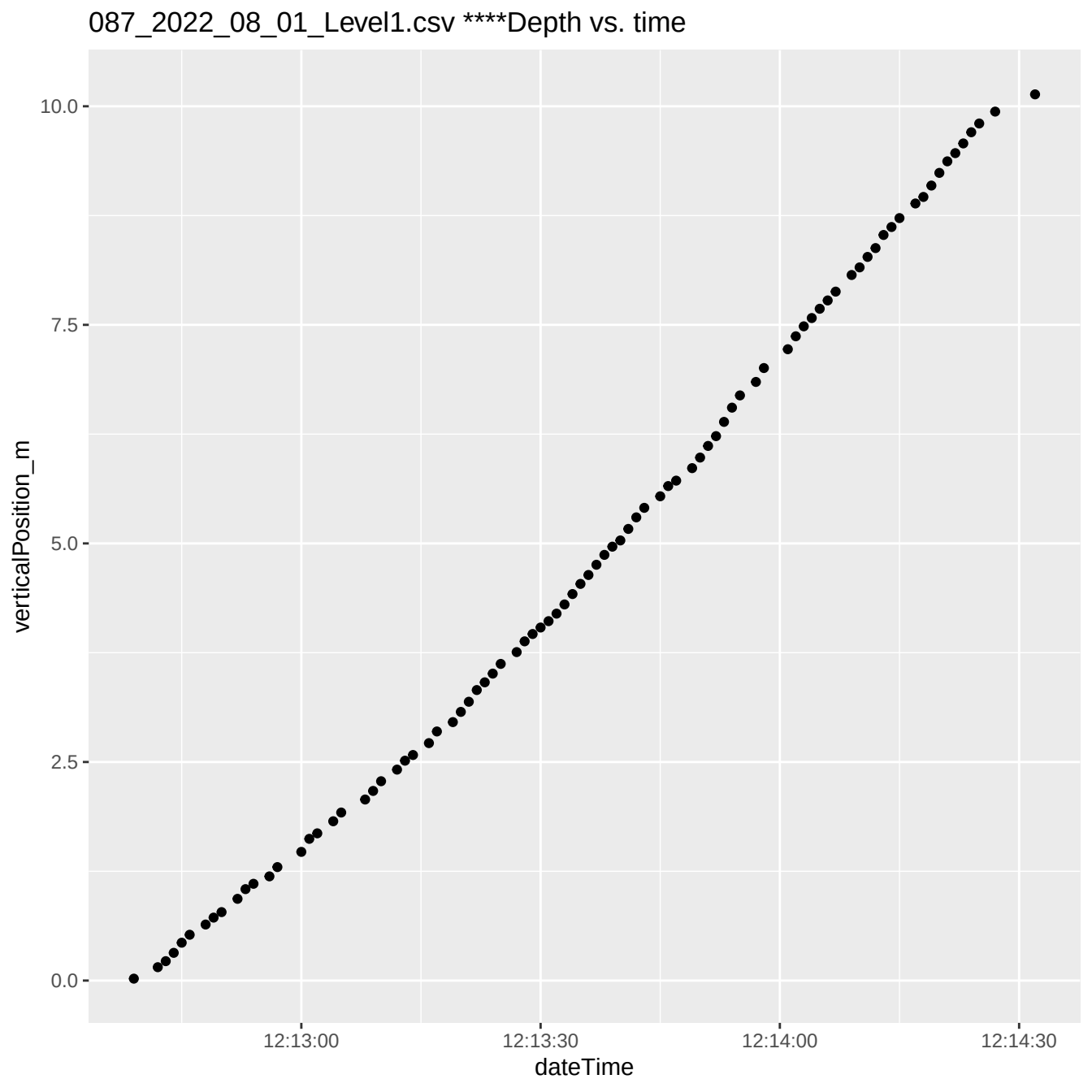

087_2022_06_13_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
turbidity_FNU
0
30
60
90

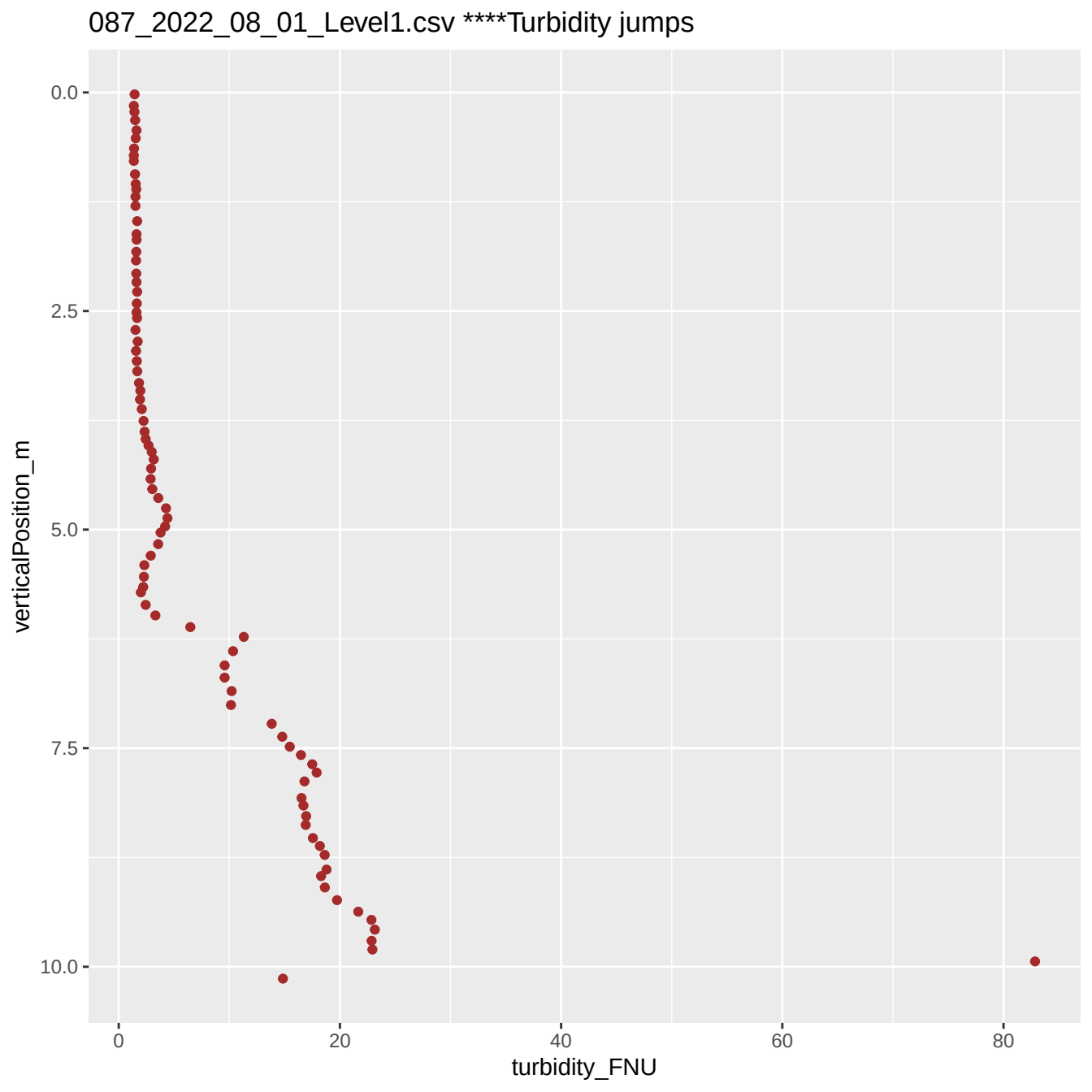

087_2022_07_11_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
12:01:00
12:01:30
12:02:00
12:02:30
12:03:00
dateTime

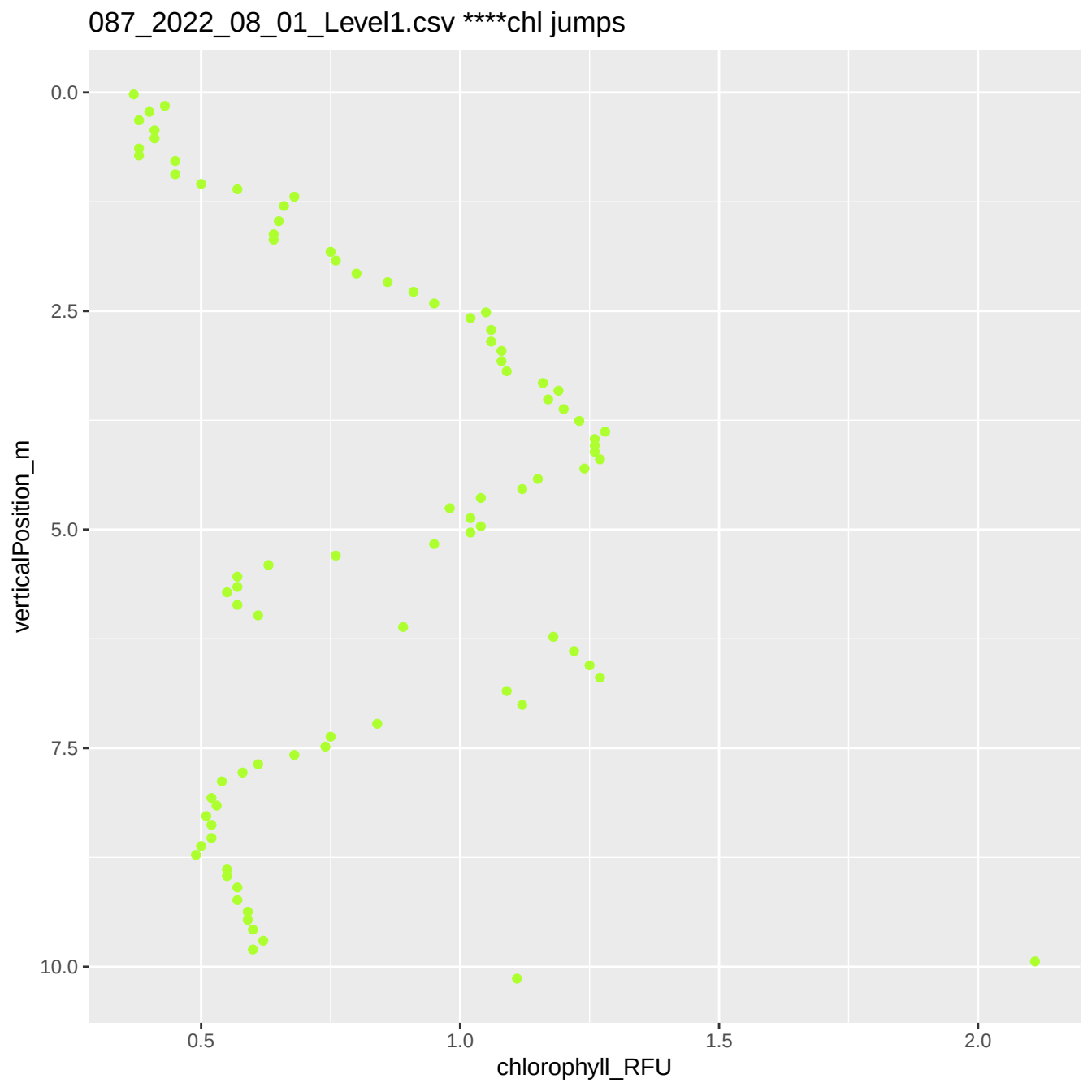

087_2022_07_11_Level1.csv ****Non−monotonic densities
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

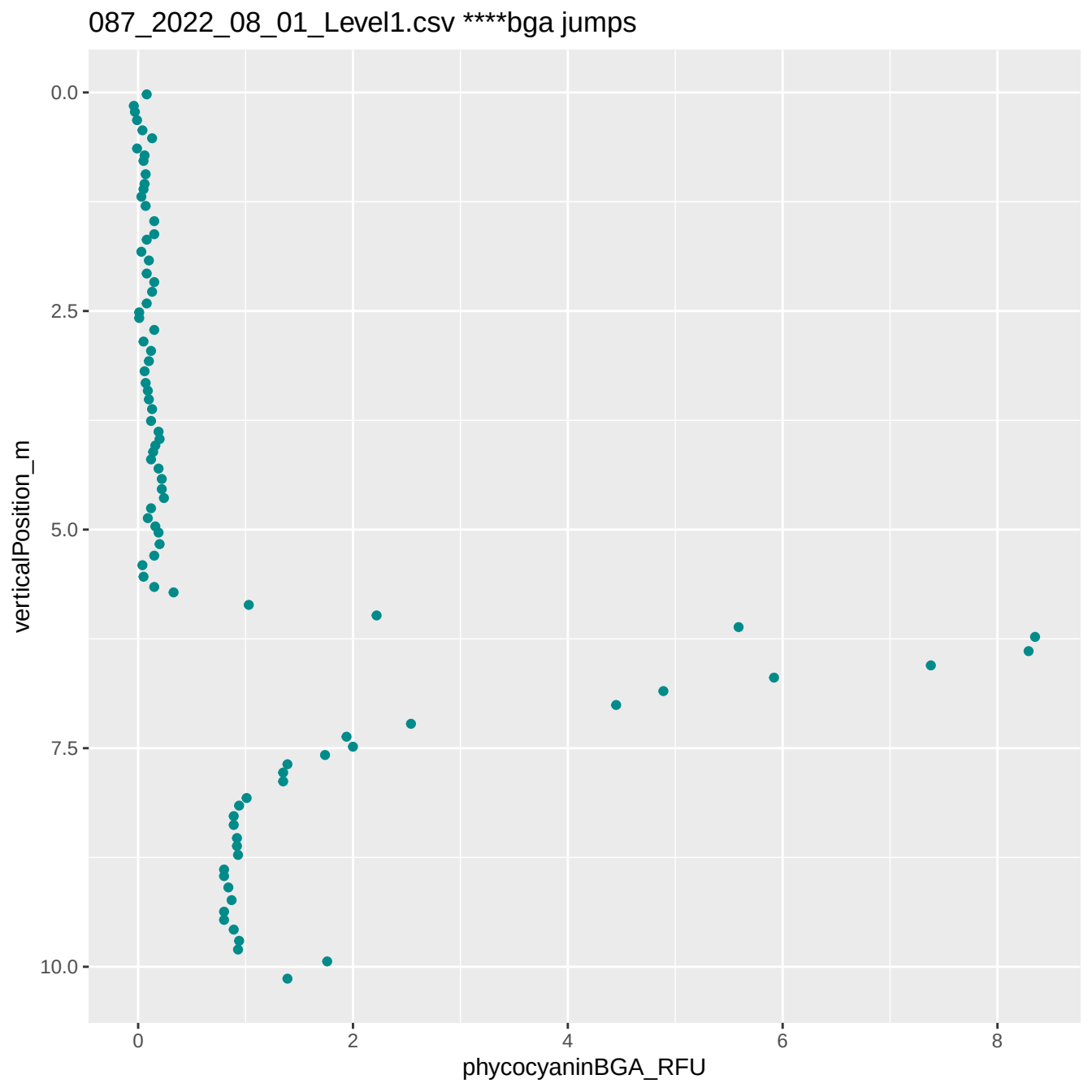

087_2022_07_11_Level1.csv ****Non−decreasing temps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
15
20
25
temp_degC
flag
FALSE
TRUE

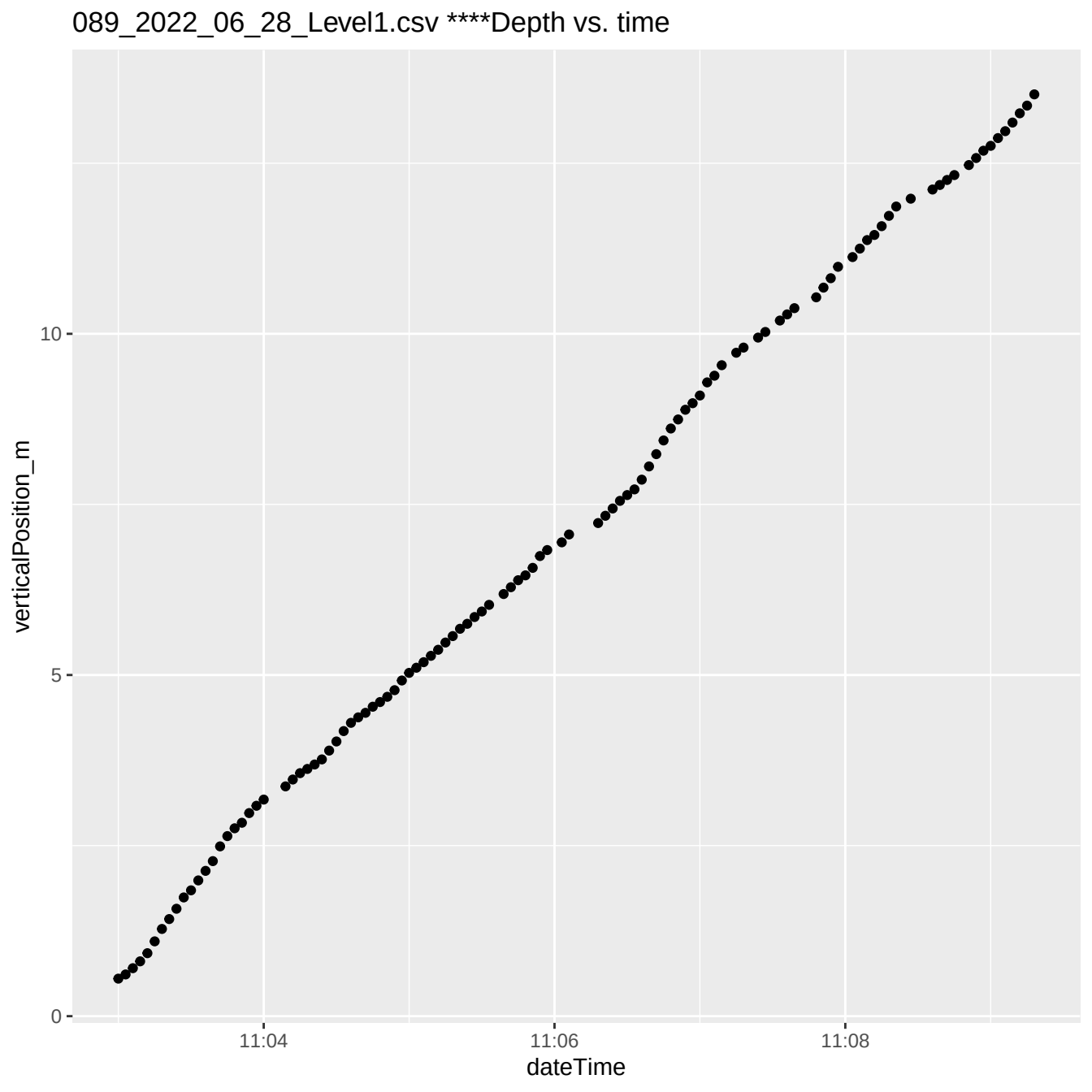

087_2022_07_11_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
0
2
4
6
phycocyaninBGA_RFU

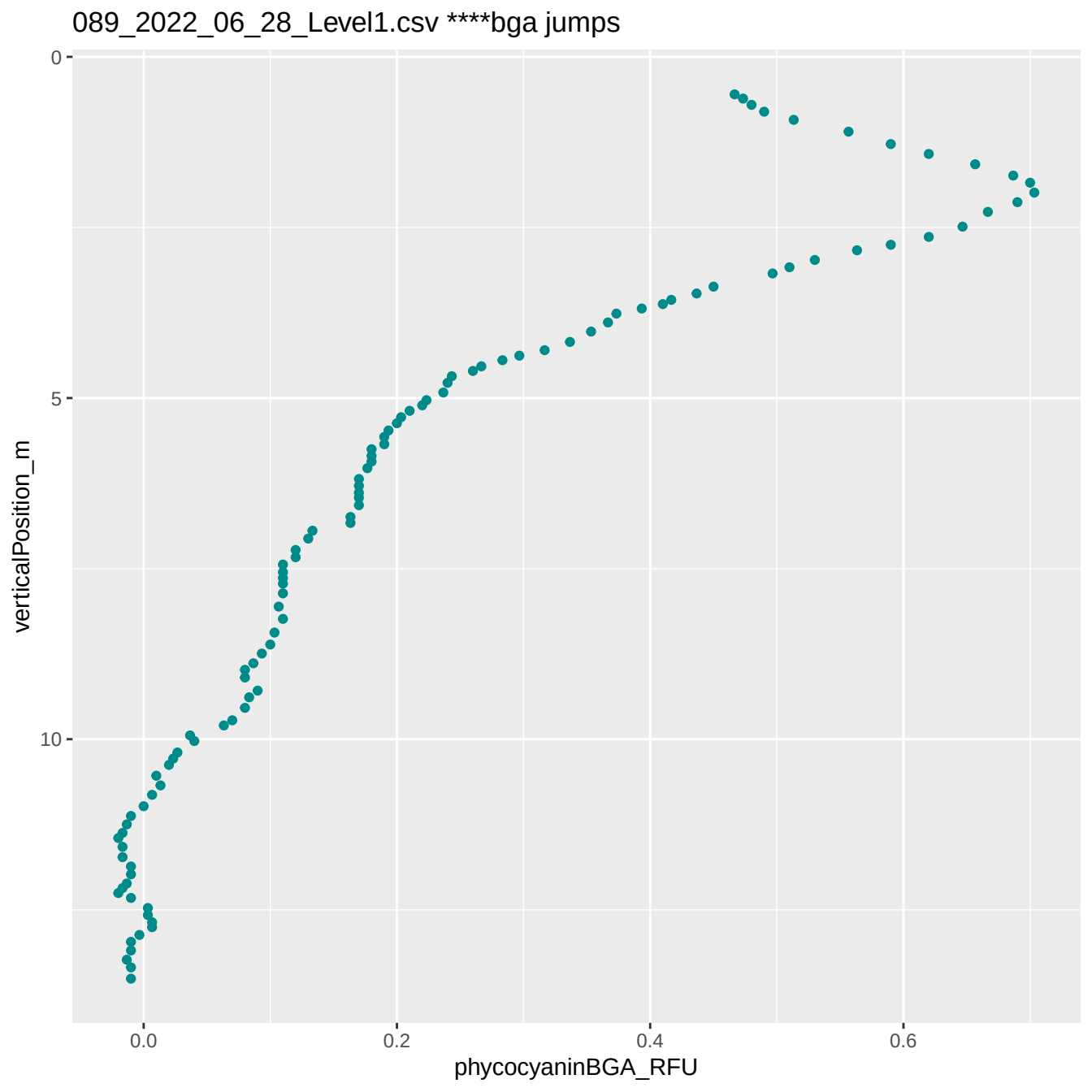

087_2022_08_01_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
12:13:00
12:13:30
12:14:00
12:14:30
dateTime

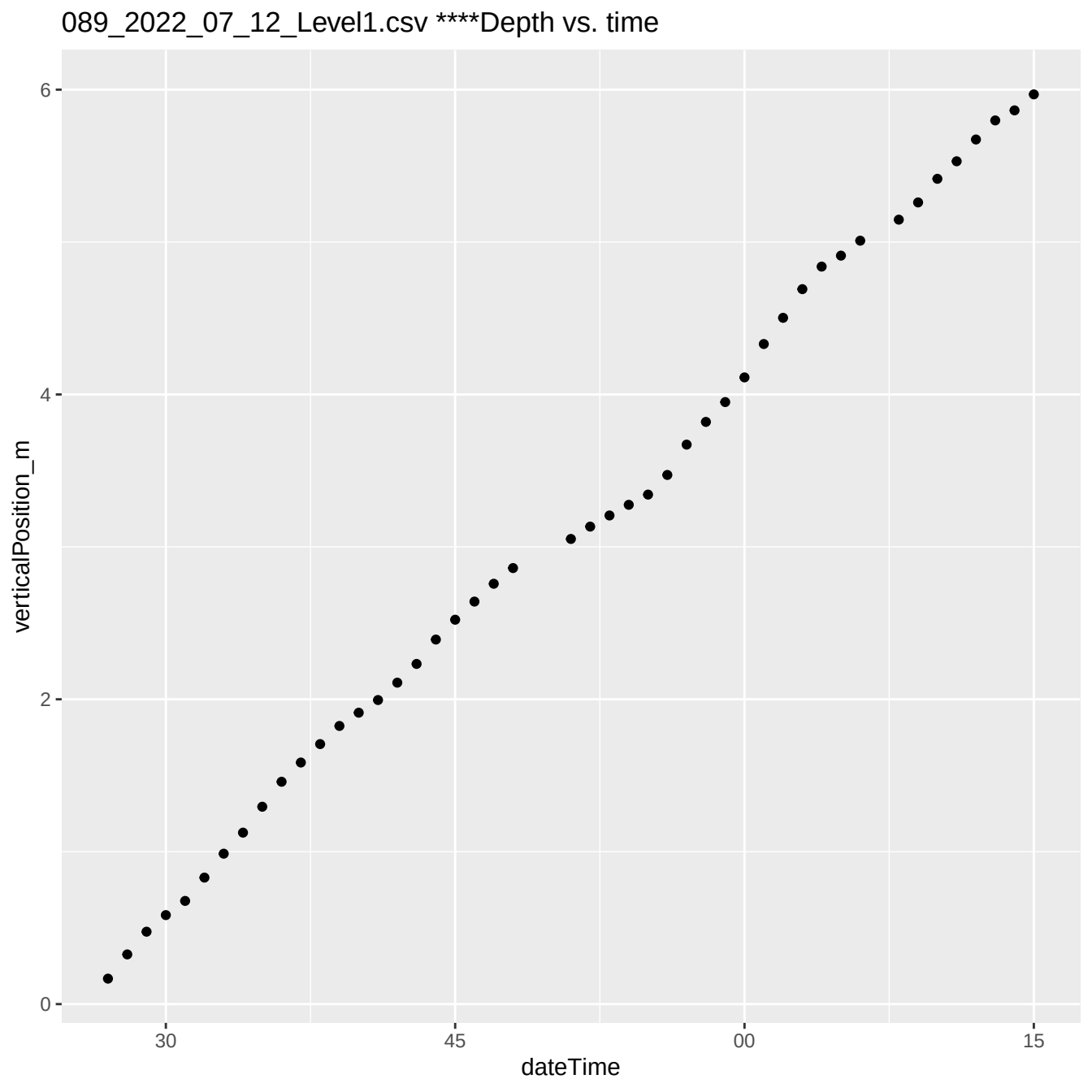

087_2022_08_01_Level1.csv ****Turbidity jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
0
20
40
60
80
turbidity_FNU

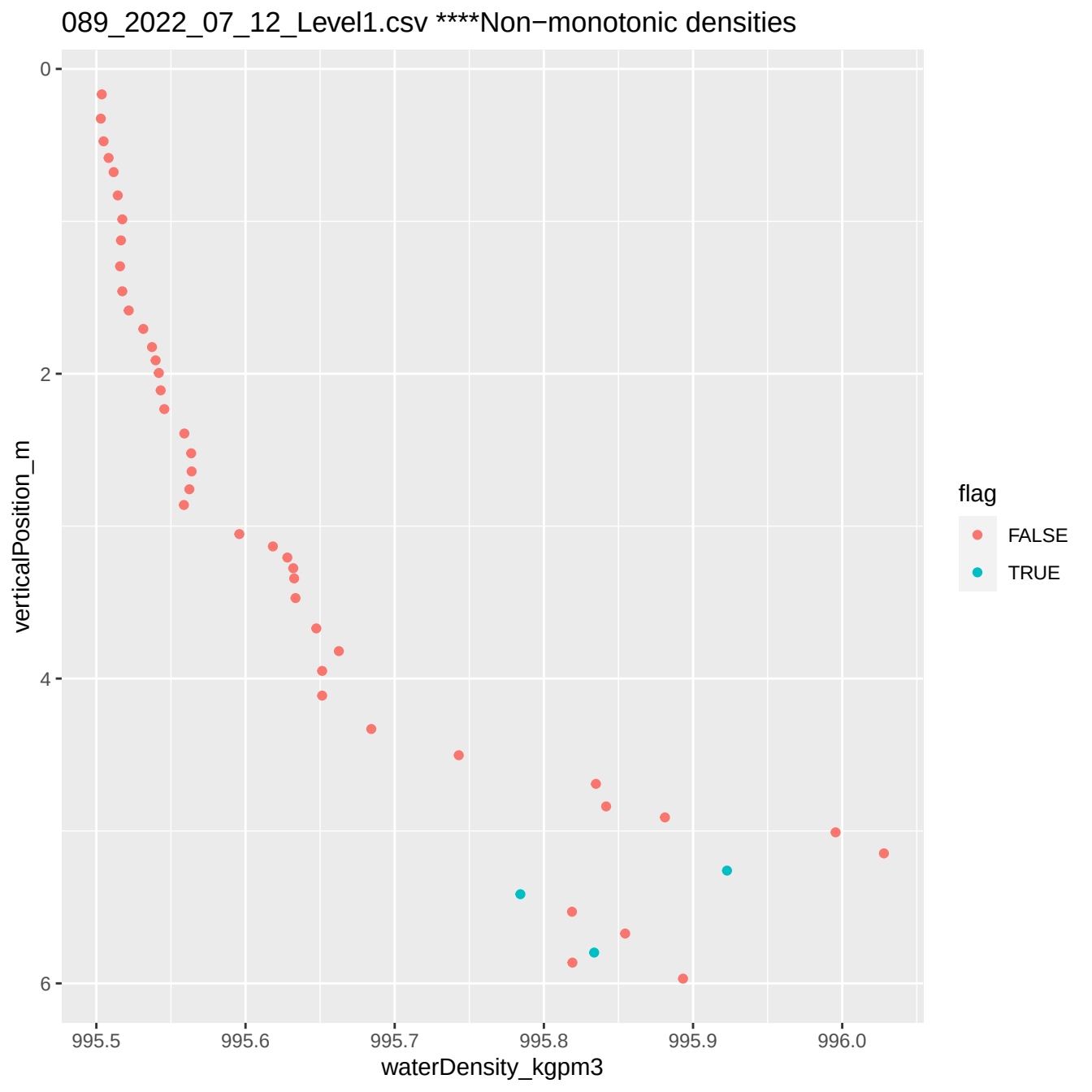

087_2022_08_01_Level1.csv ****chl jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
0.5
1.0
1.5
2.0
chlorophyll_RFU

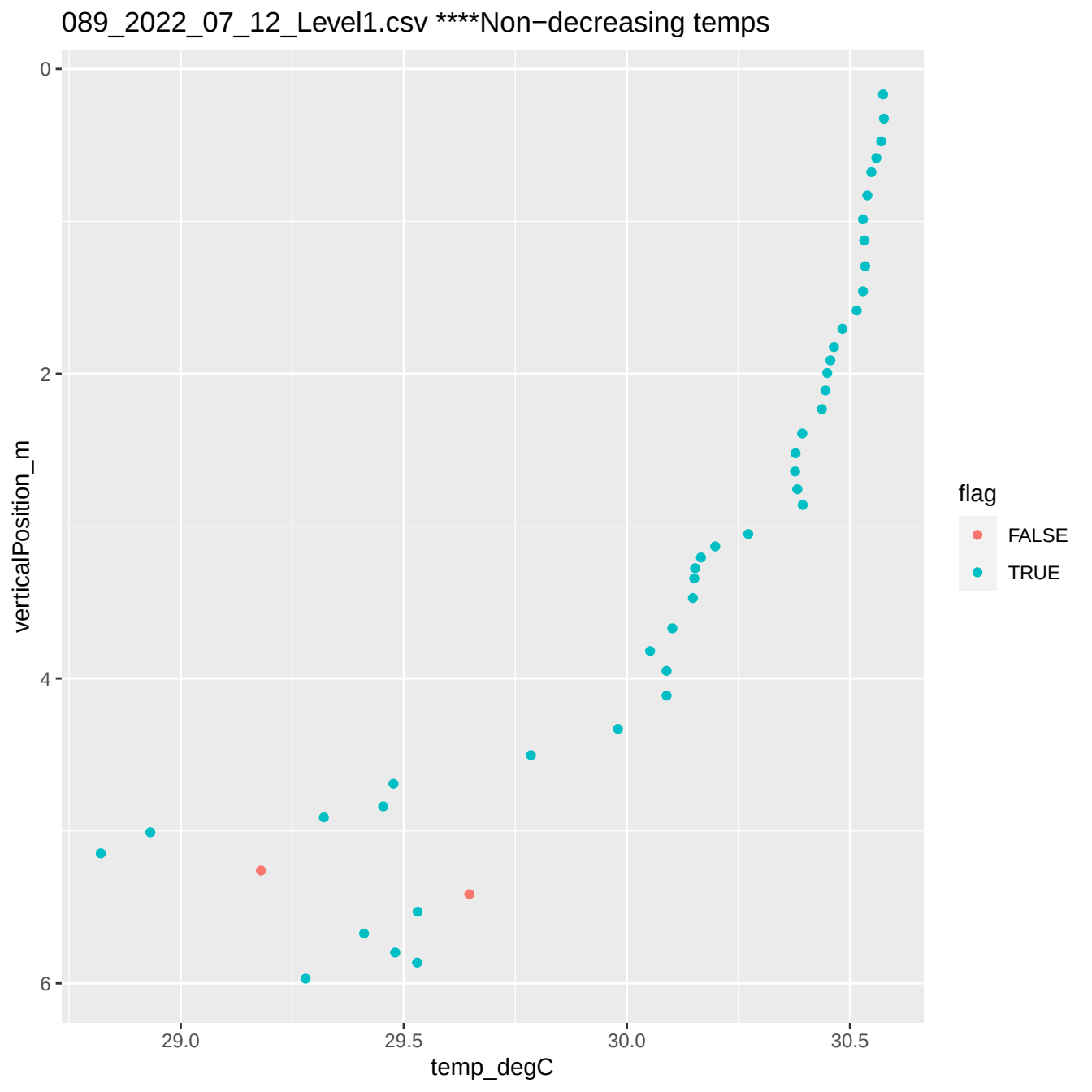

087_2022_08_01_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
0
2
4
6
8
phycocyaninBGA_RFU

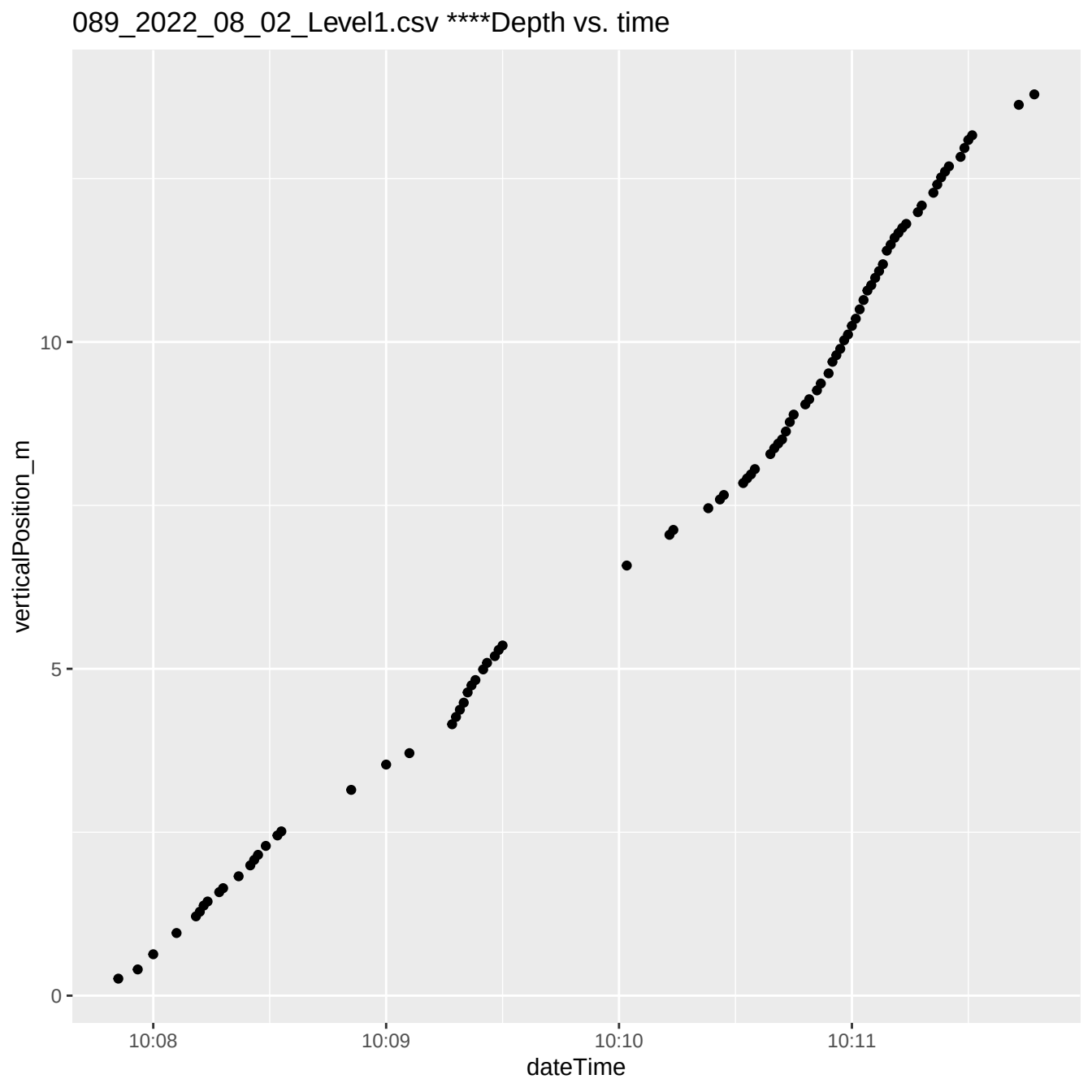

089_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
11:04
11:06
11:08
dateTime

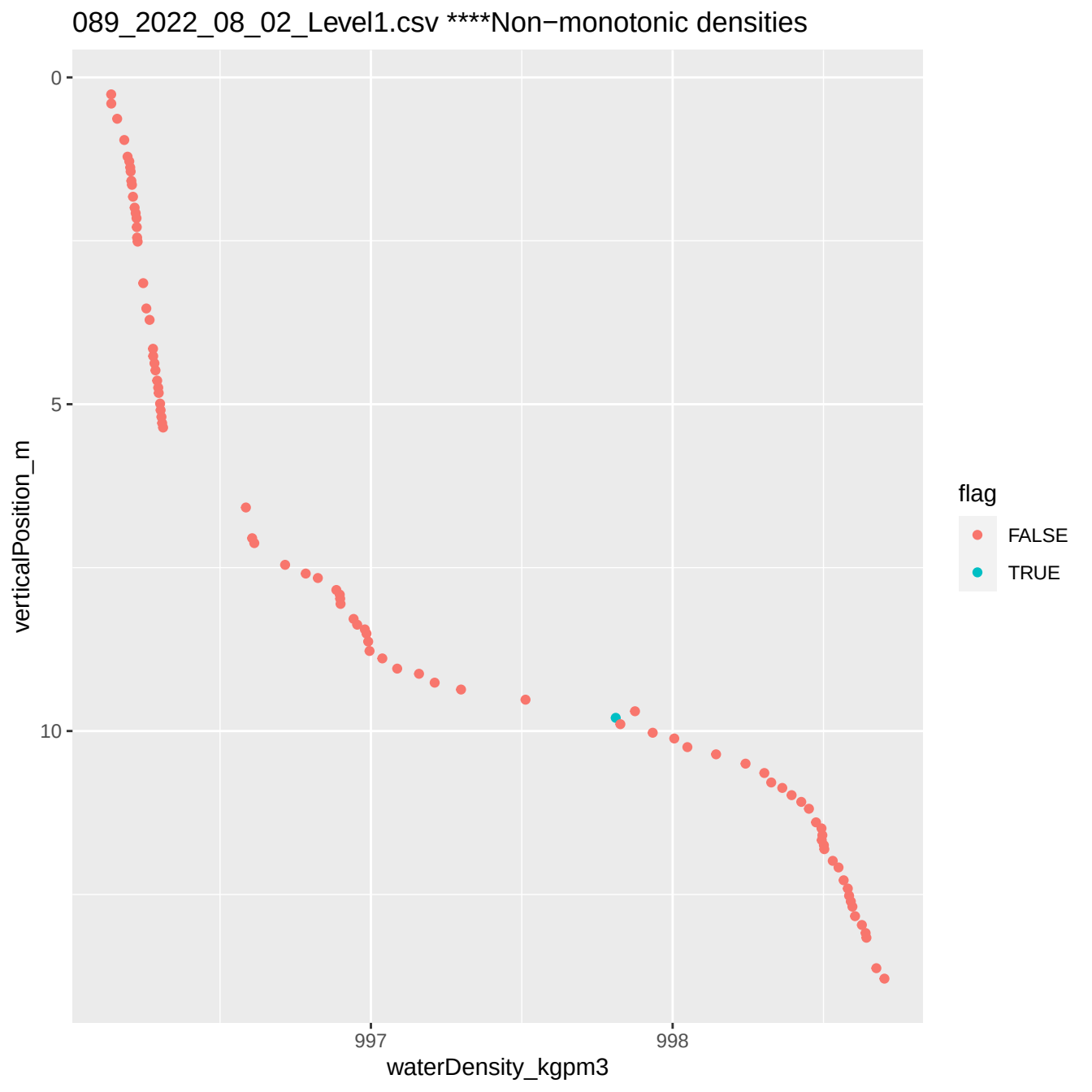

089_2022_06_28_Level1.csv ****bga jumps
0
5
10
verticalPosition_m
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

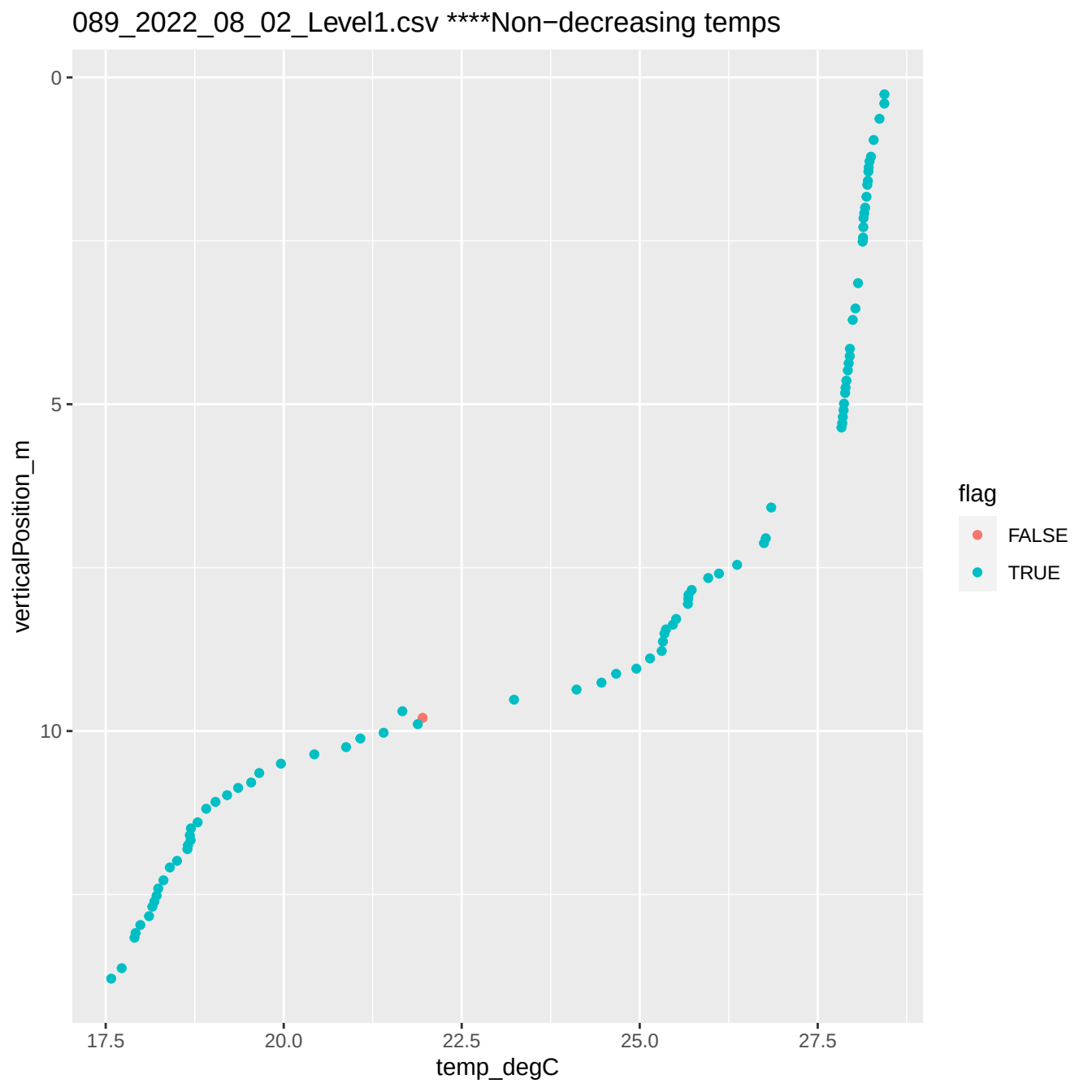

089_2022_07_12_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
30
45
00
15
dateTime

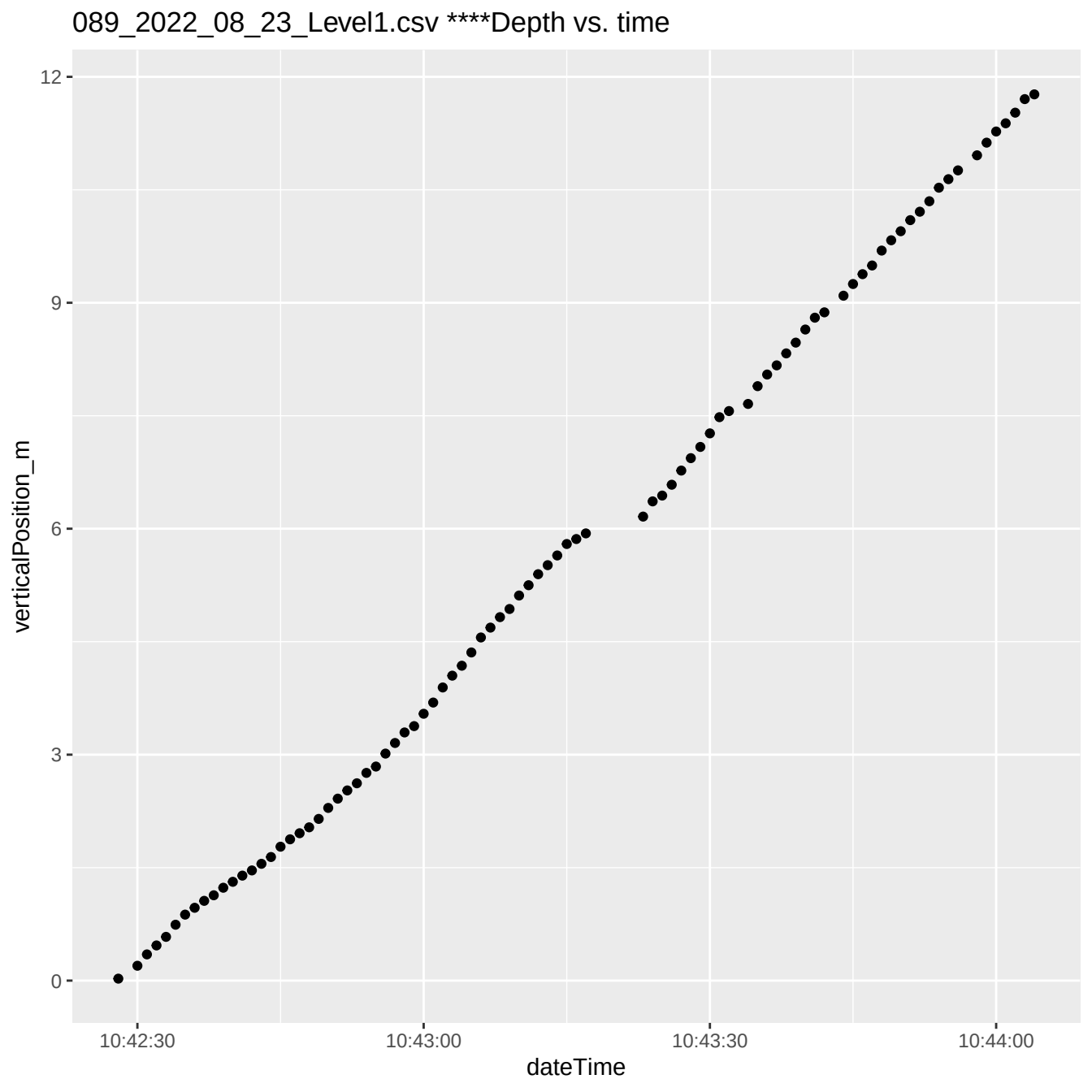

089_2022_07_12_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
995.5
995.6
995.7
995.8
995.9
996.0
waterDensity_kgpm3
flag
FALSE
TRUE

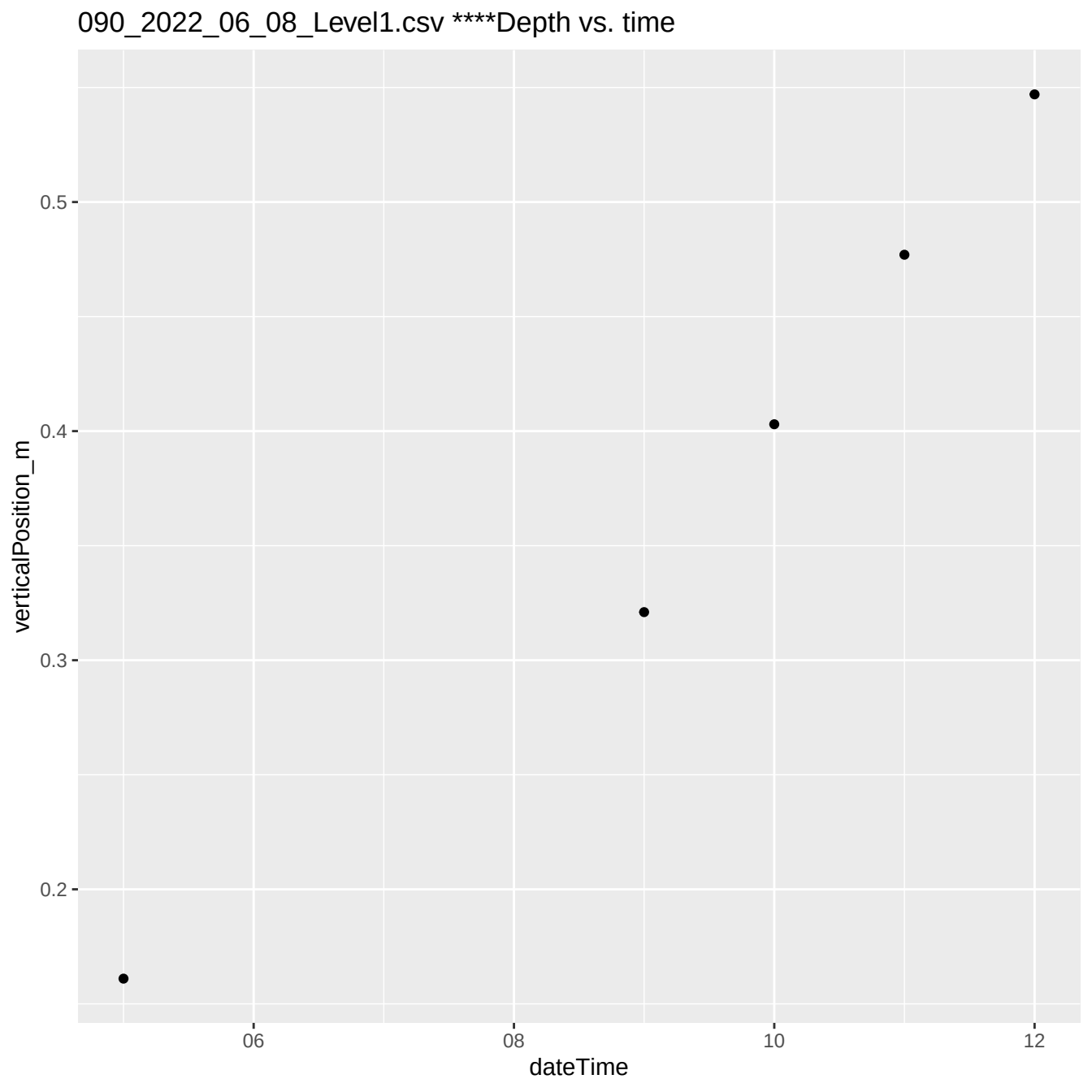

089_2022_07_12_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
29.0
29.5
30.0
30.5
temp_degC
flag
FALSE
TRUE

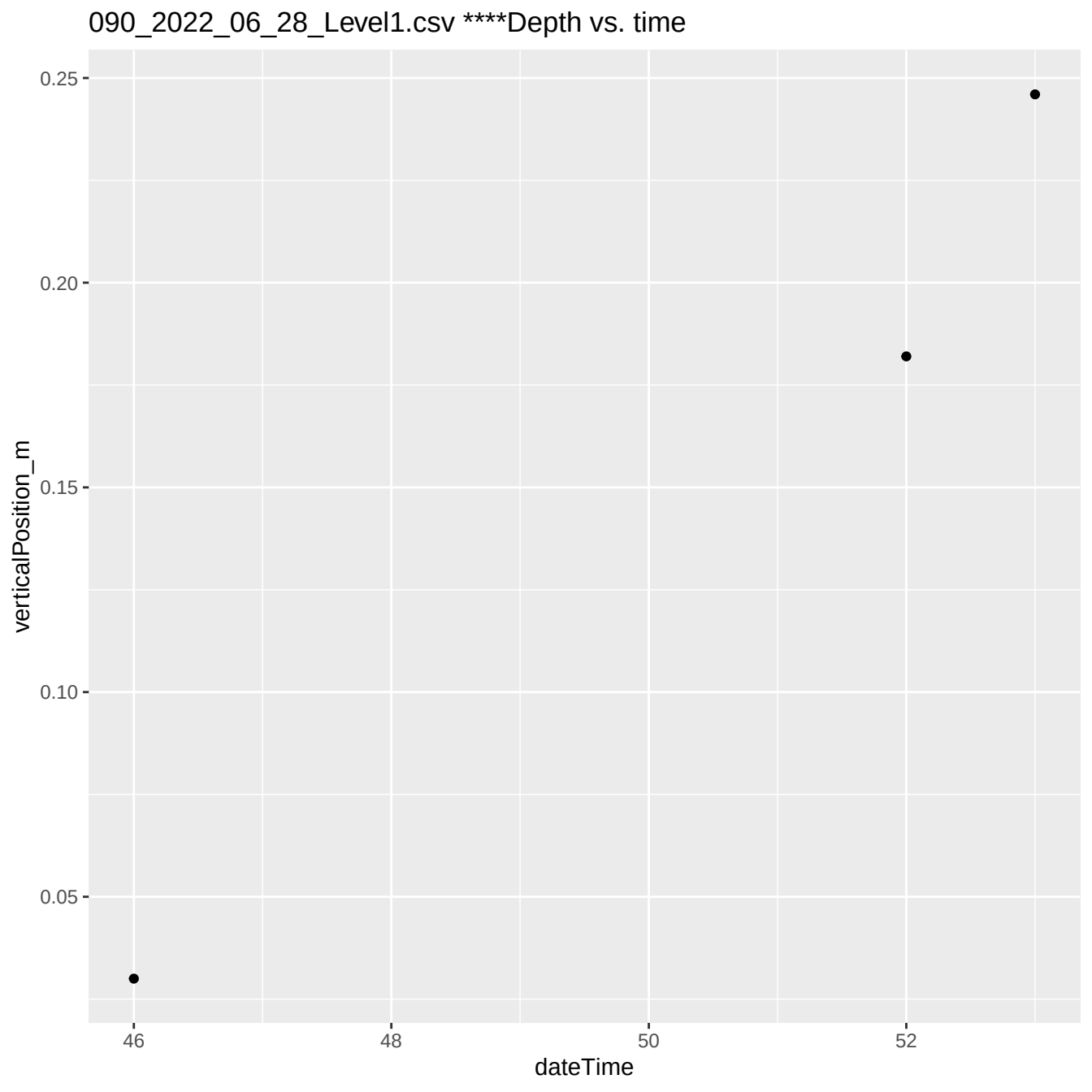

089_2022_08_02_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
10:08
10:09
10:10
10:11
dateTime

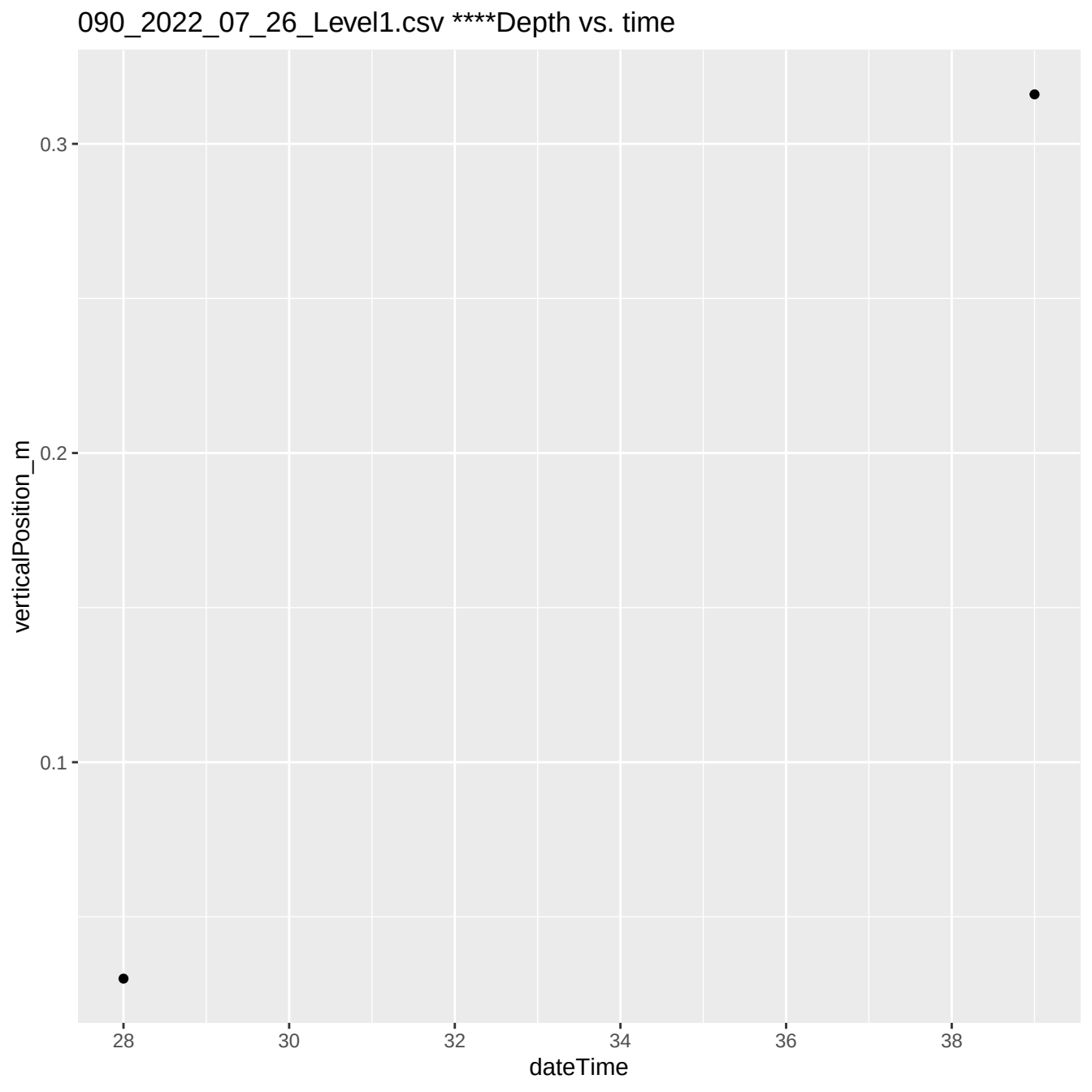

089_2022_08_02_Level1.csv ****Non−monotonic densities
0
5
10
verticalPosition_m
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

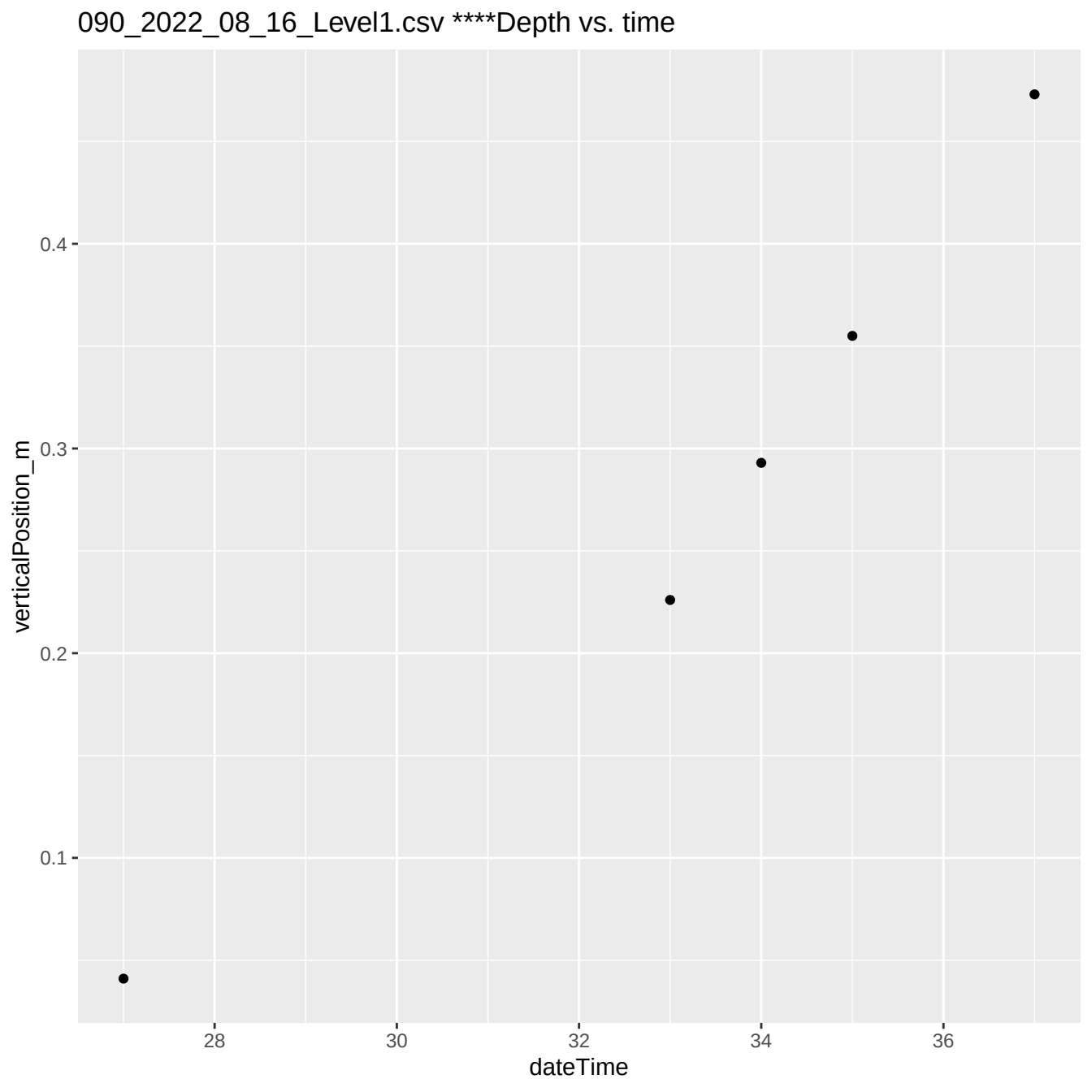

089_2022_08_02_Level1.csv ****Non−decreasing temps
0
5
10
verticalPosition_m
17.5
20.0
22.5
25.0
27.5
temp_degC
flag
FALSE
TRUE

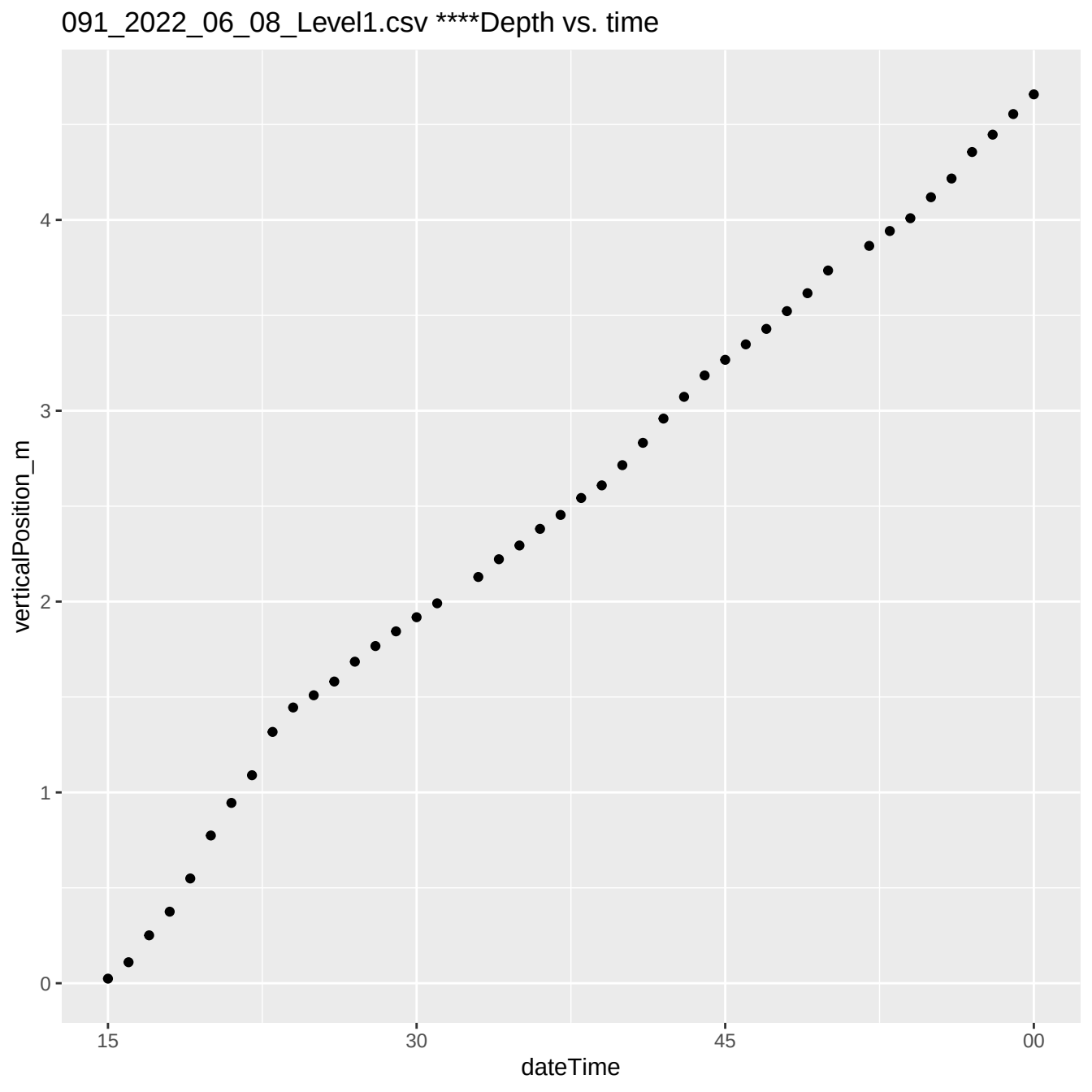

089_2022_08_23_Level1.csv ****Depth vs. time
12
9
6
3
0
verticalPosition_m
10:42:30
10:43:00
10:43:30
10:44:00
dateTime

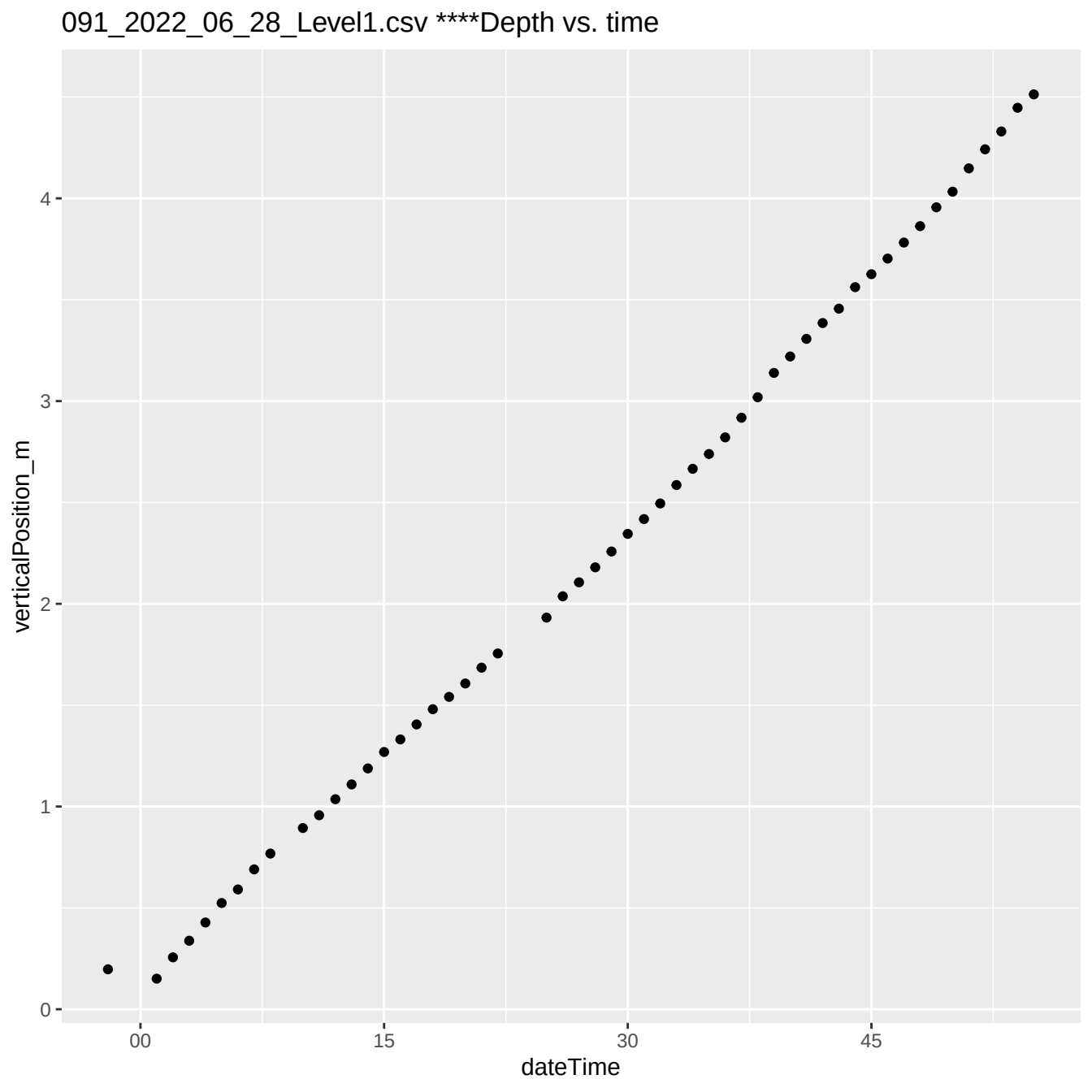

090_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
0.5
0.4
0.3
0.2
06
08
10
12
dateTime

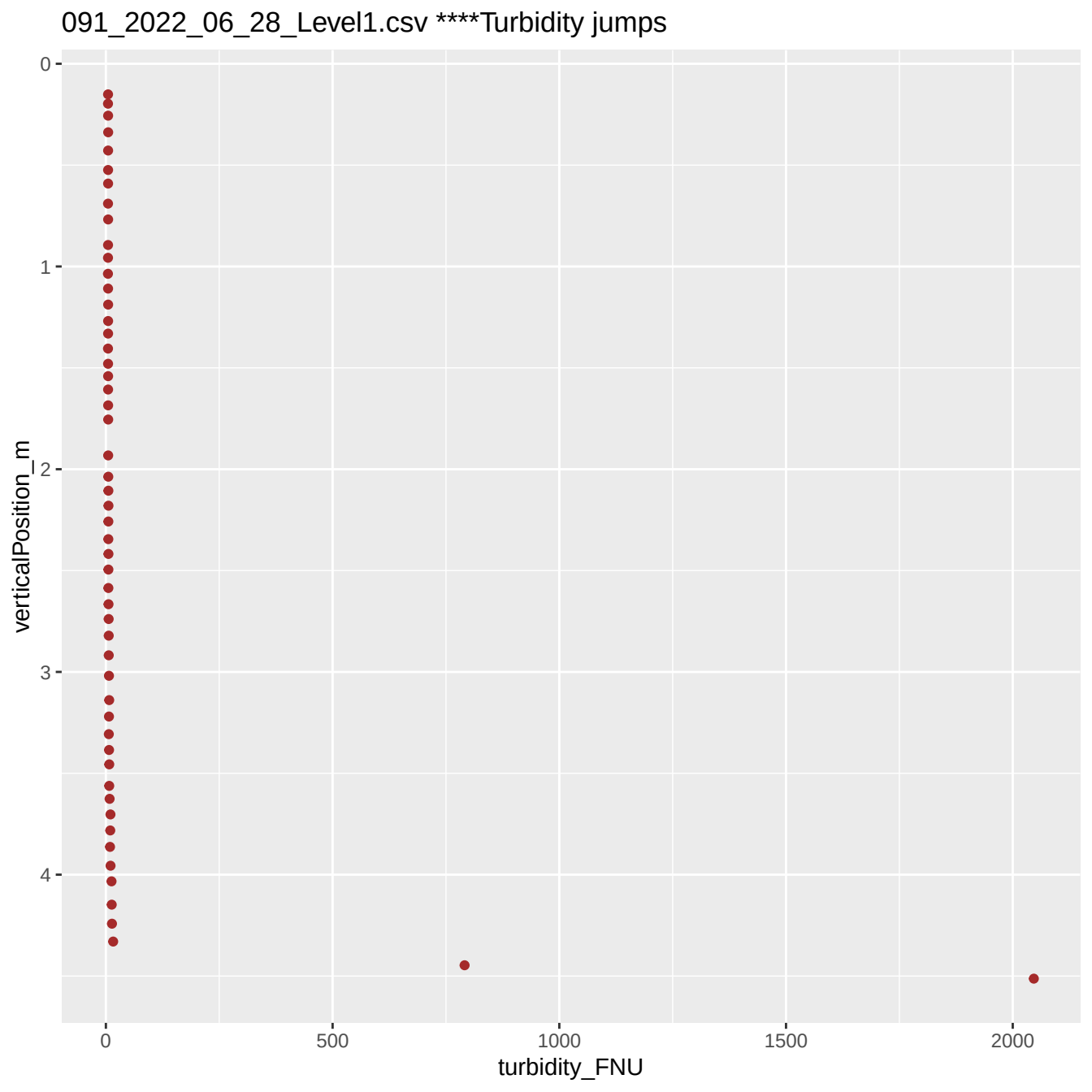

090_2022_06_28_Level1.csv ****Depth vs. time
0.25
0.20
0.15
0.10
0.05
verticalPosition_m
46
48
50
52
dateTime

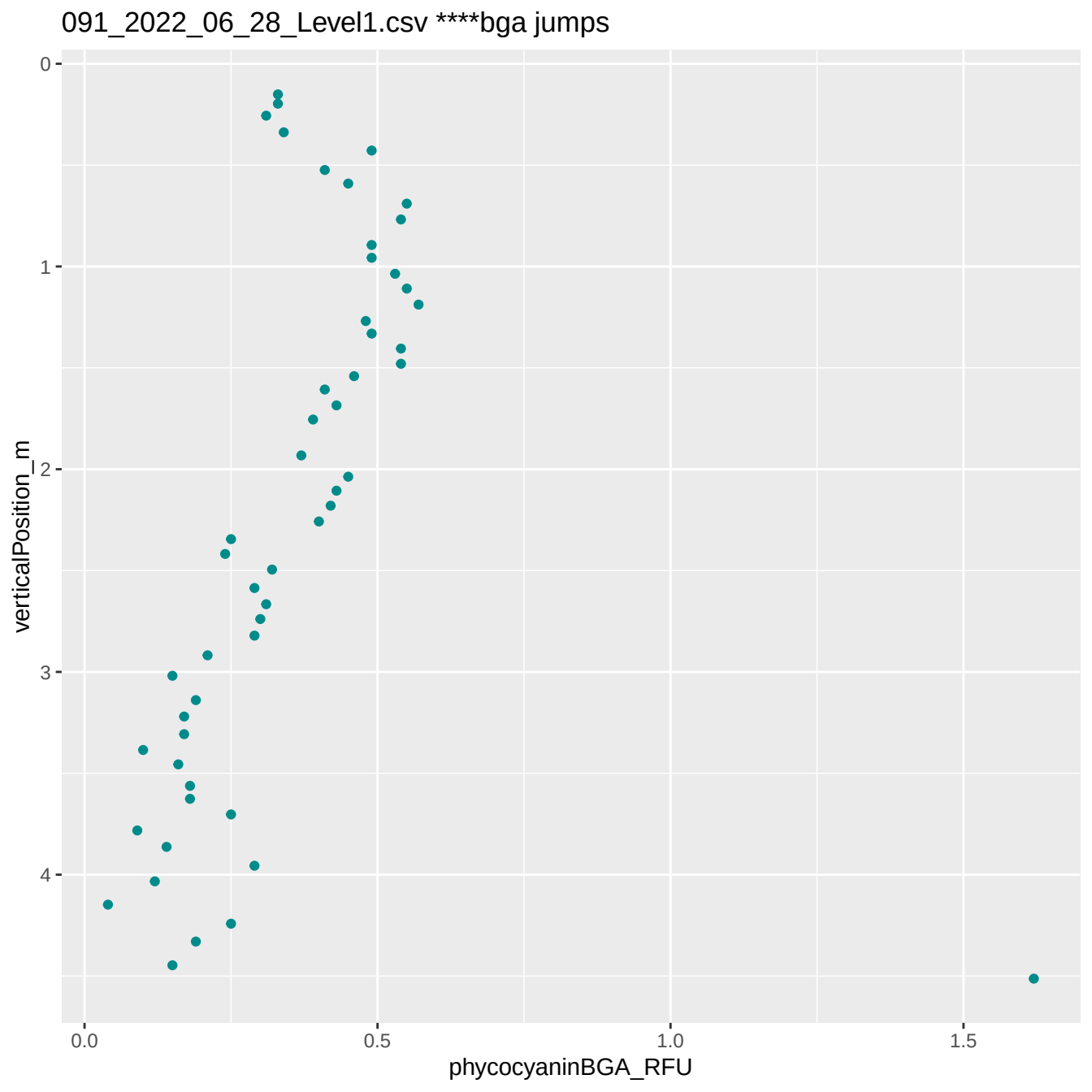

090_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
0.3
0.2
0.1
28
30
32
34
36
38
dateTime

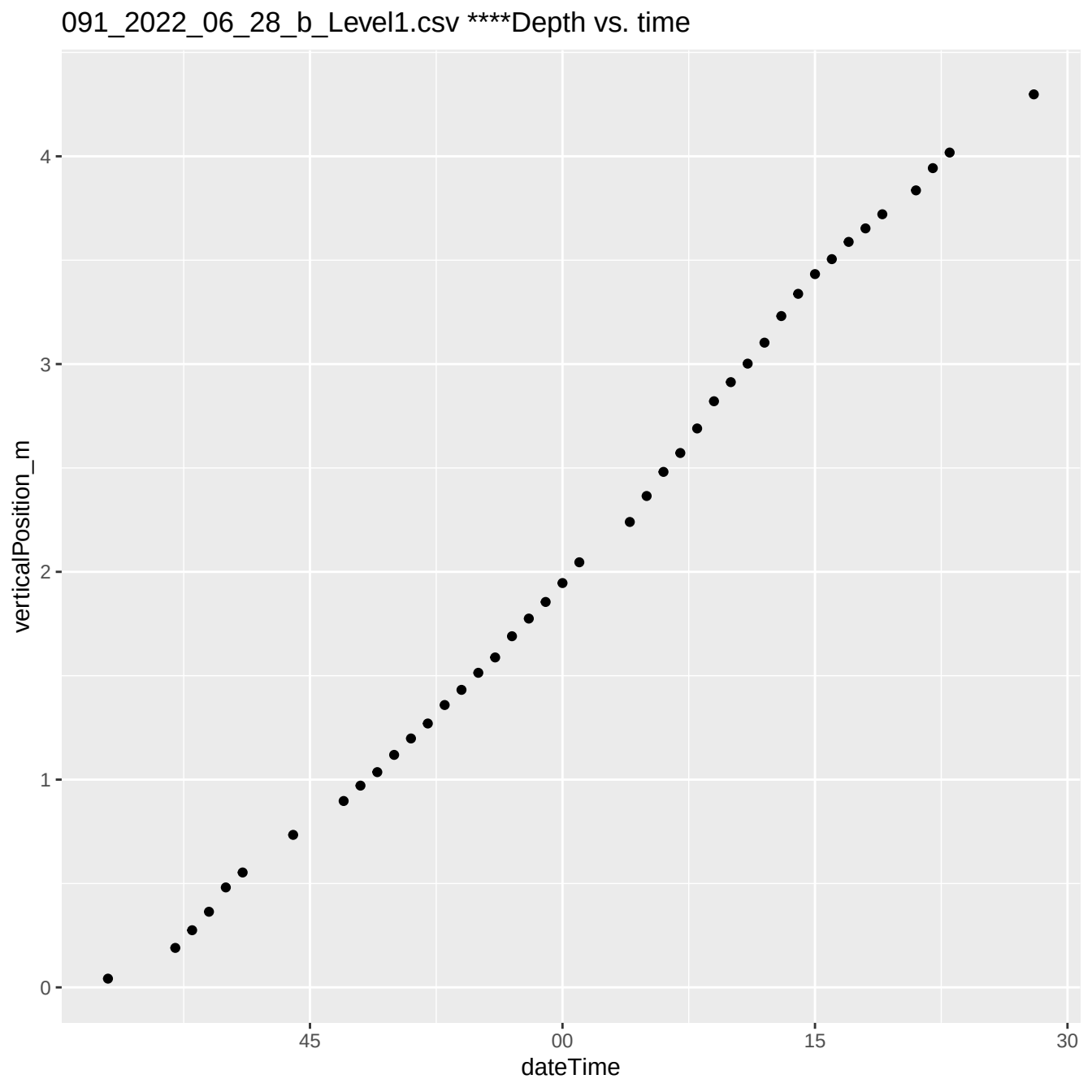

090_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
0.4
0.3
0.2
0.1
28
30
32
34
36
dateTime

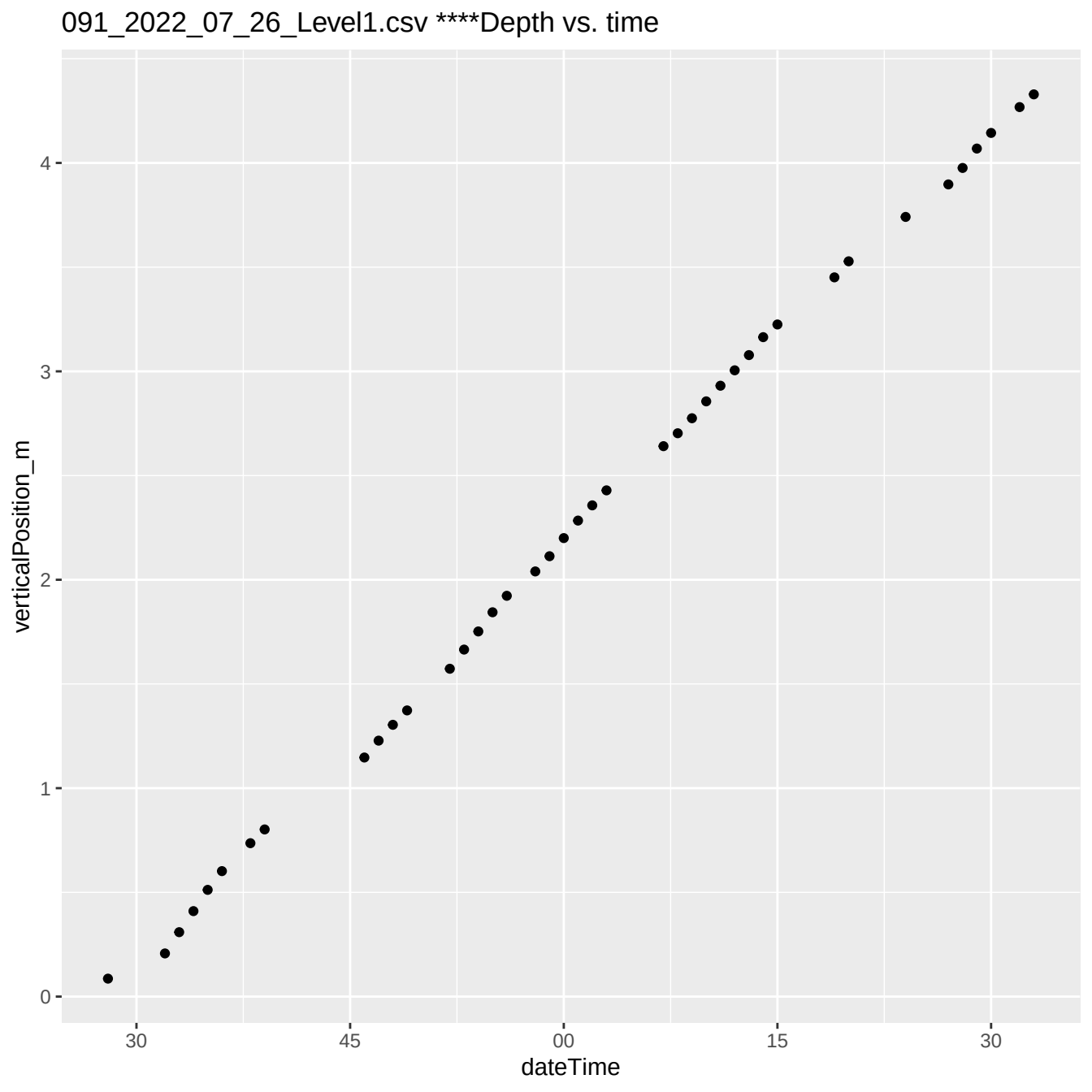

091_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
15
30
45
00
dateTime

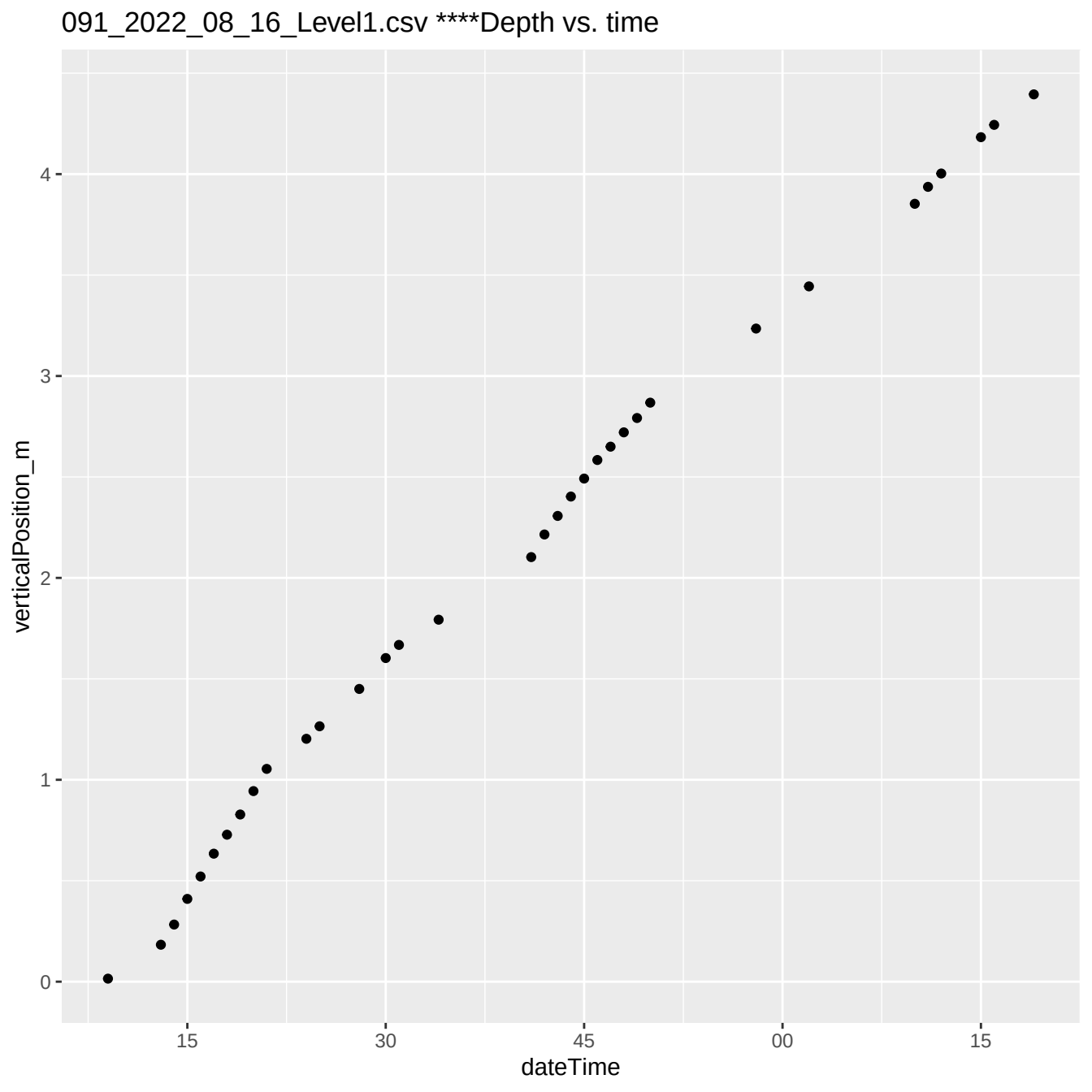

091_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
00
15
30
45
dateTime

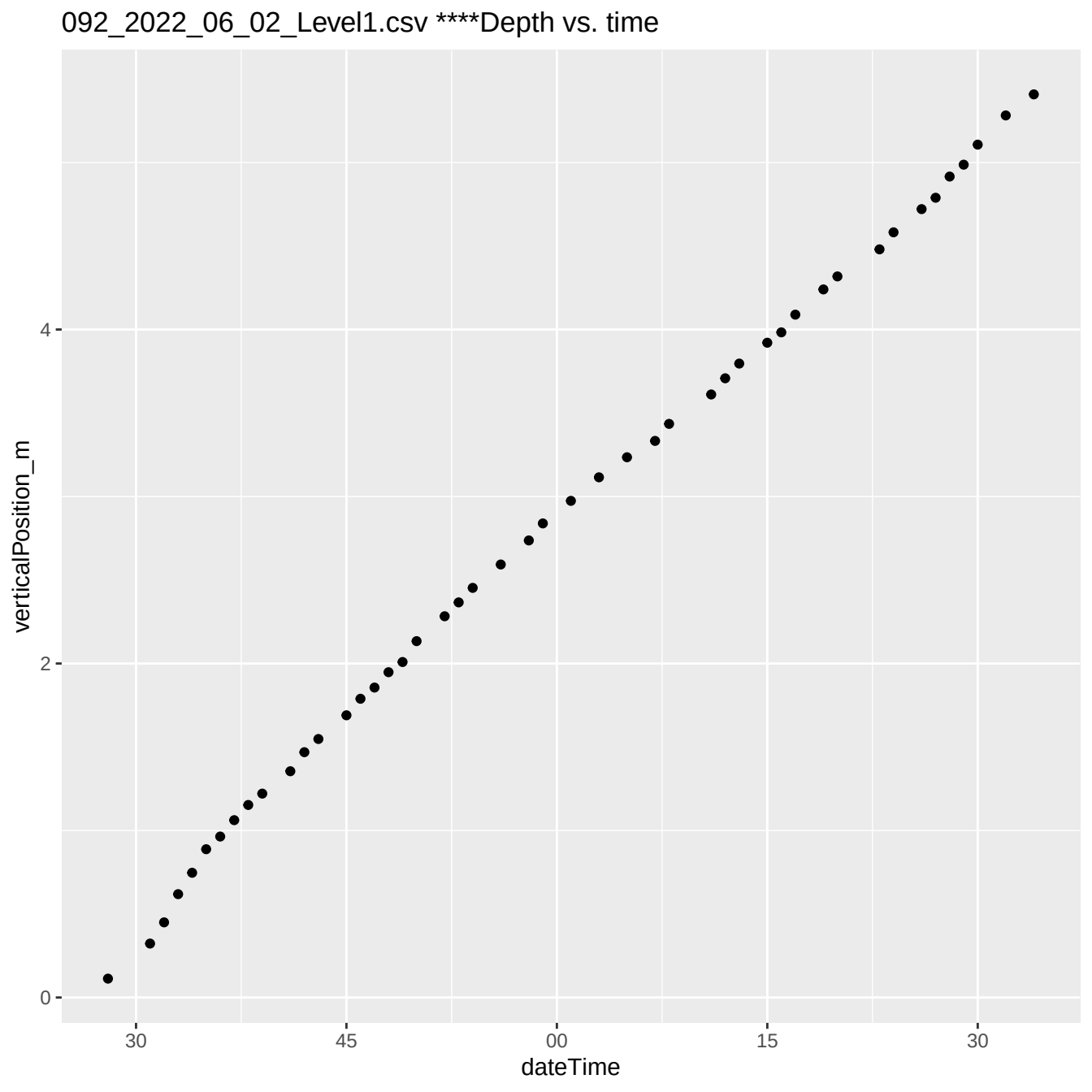

091_2022_06_28_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
0
500
1000
1500
2000
turbidity_FNU

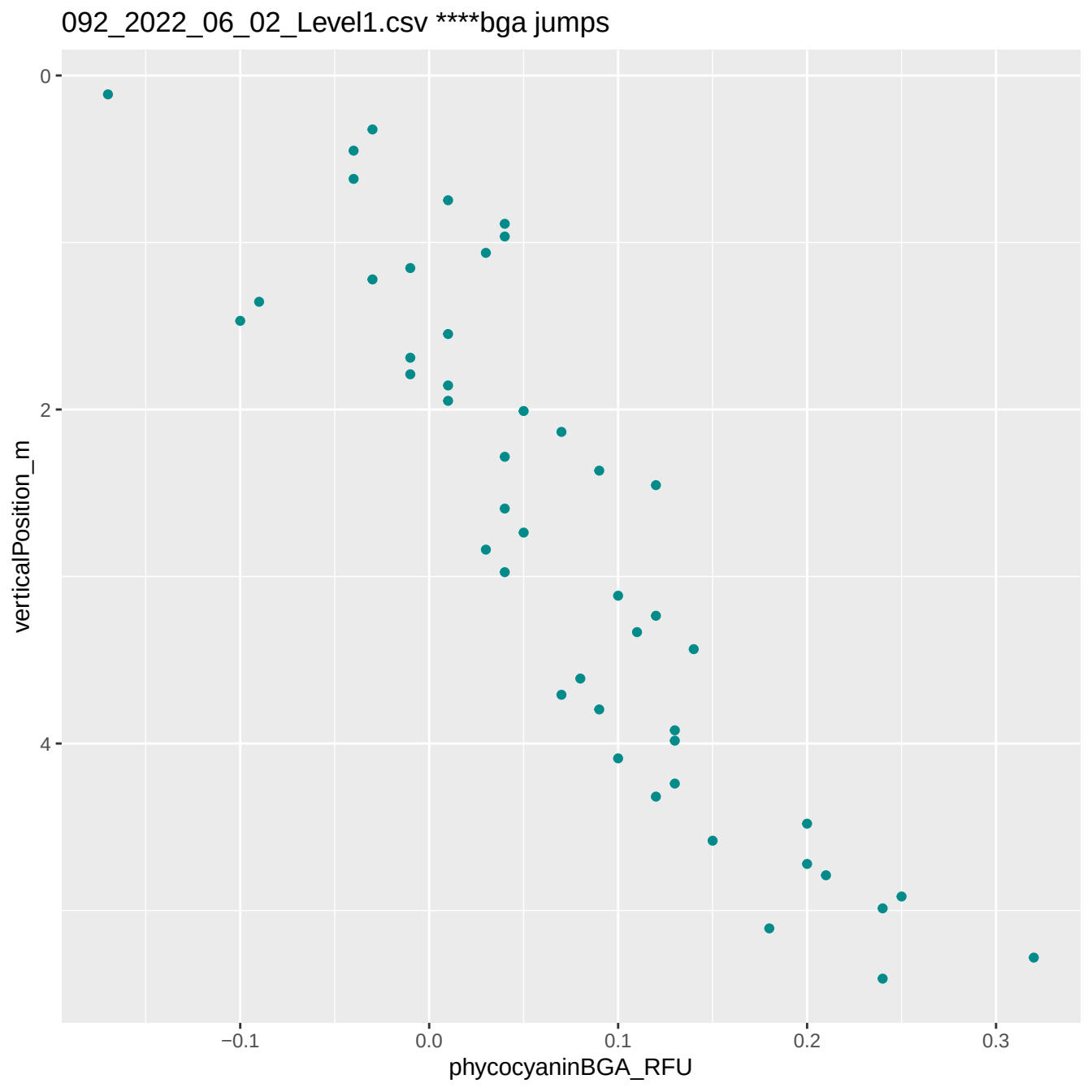

091_2022_06_28_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
0.0
0.5
1.0
1.5
phycocyaninBGA_RFU

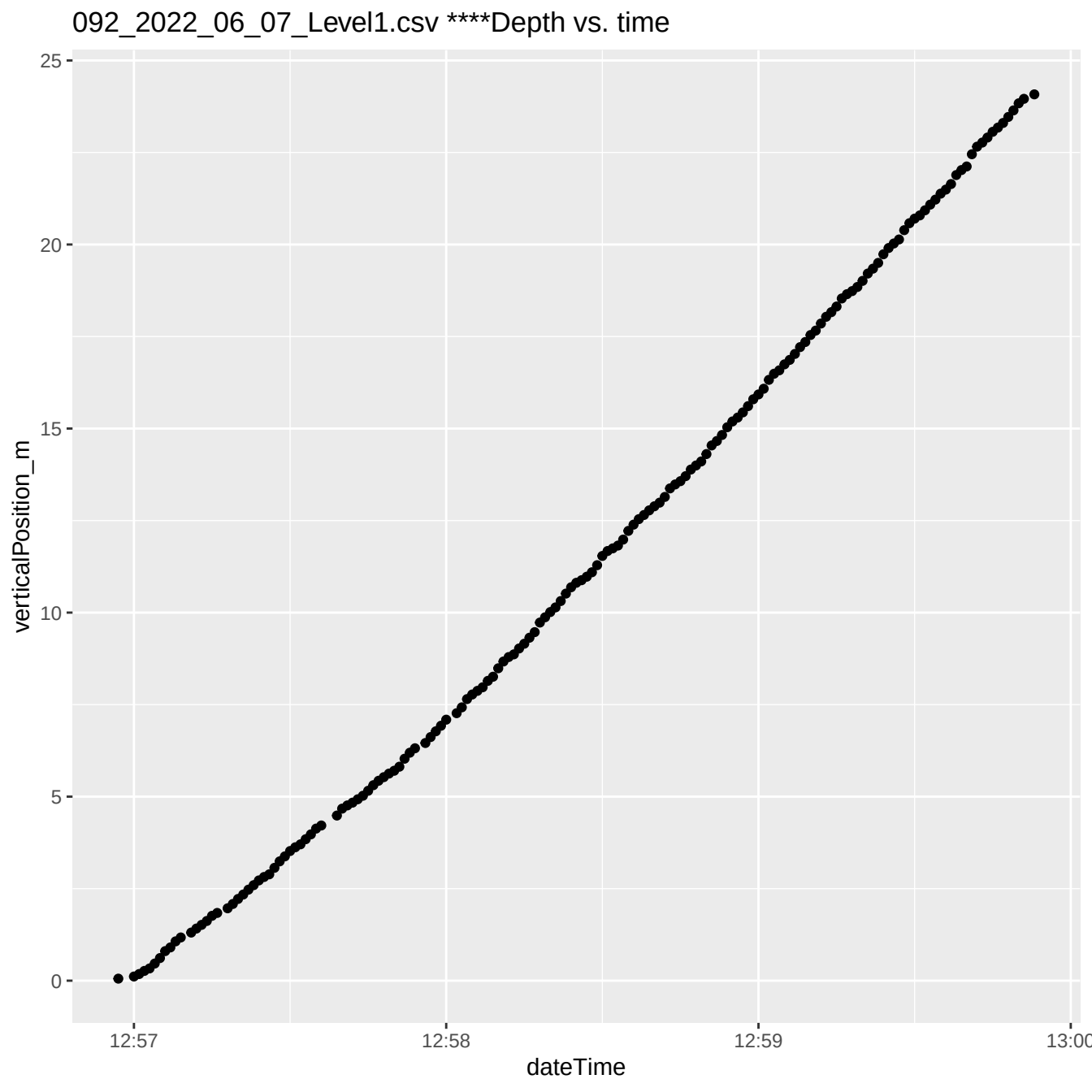

091_2022_06_28_b_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
45
00
15
30
dateTime

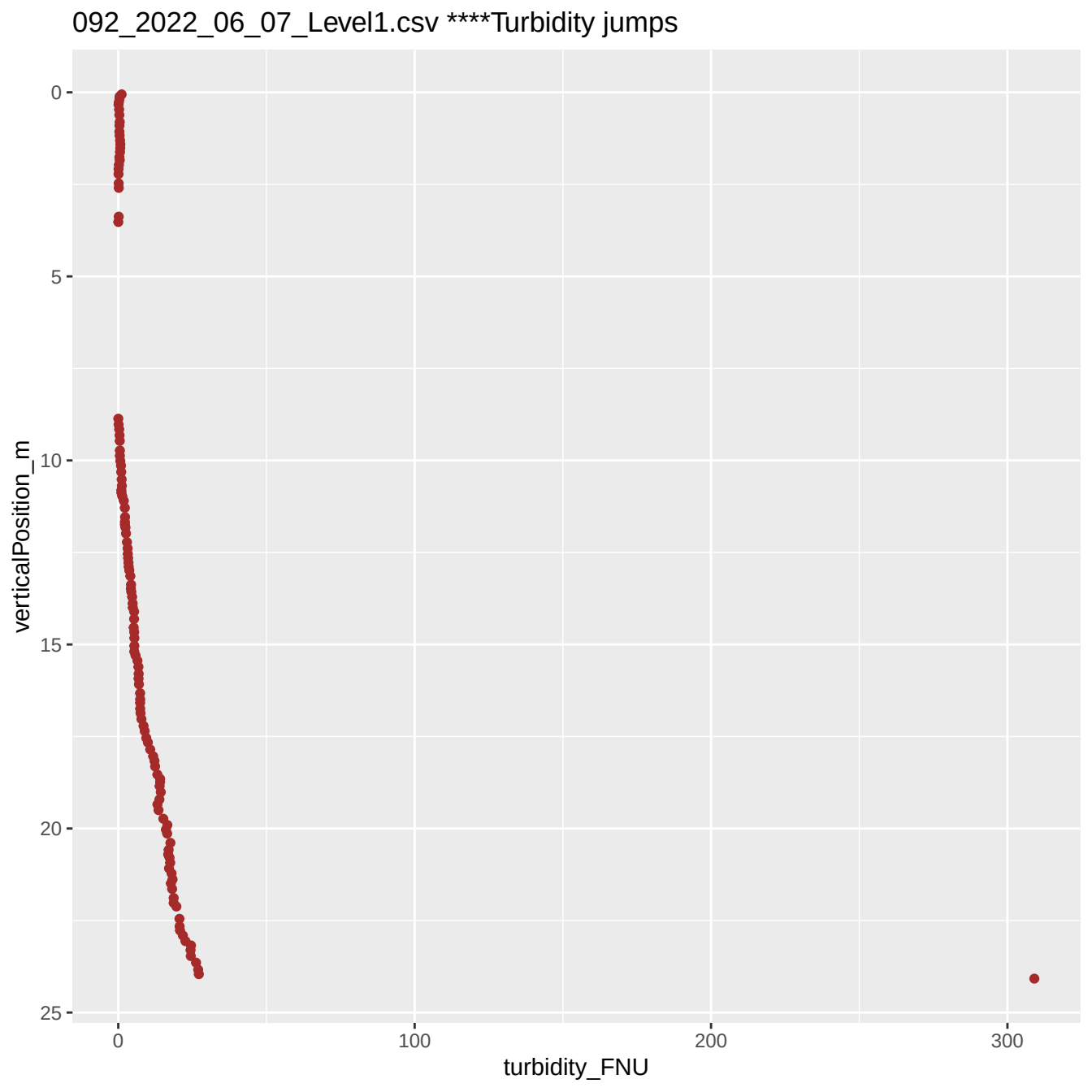

091_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
30
45
00
15
30
dateTime

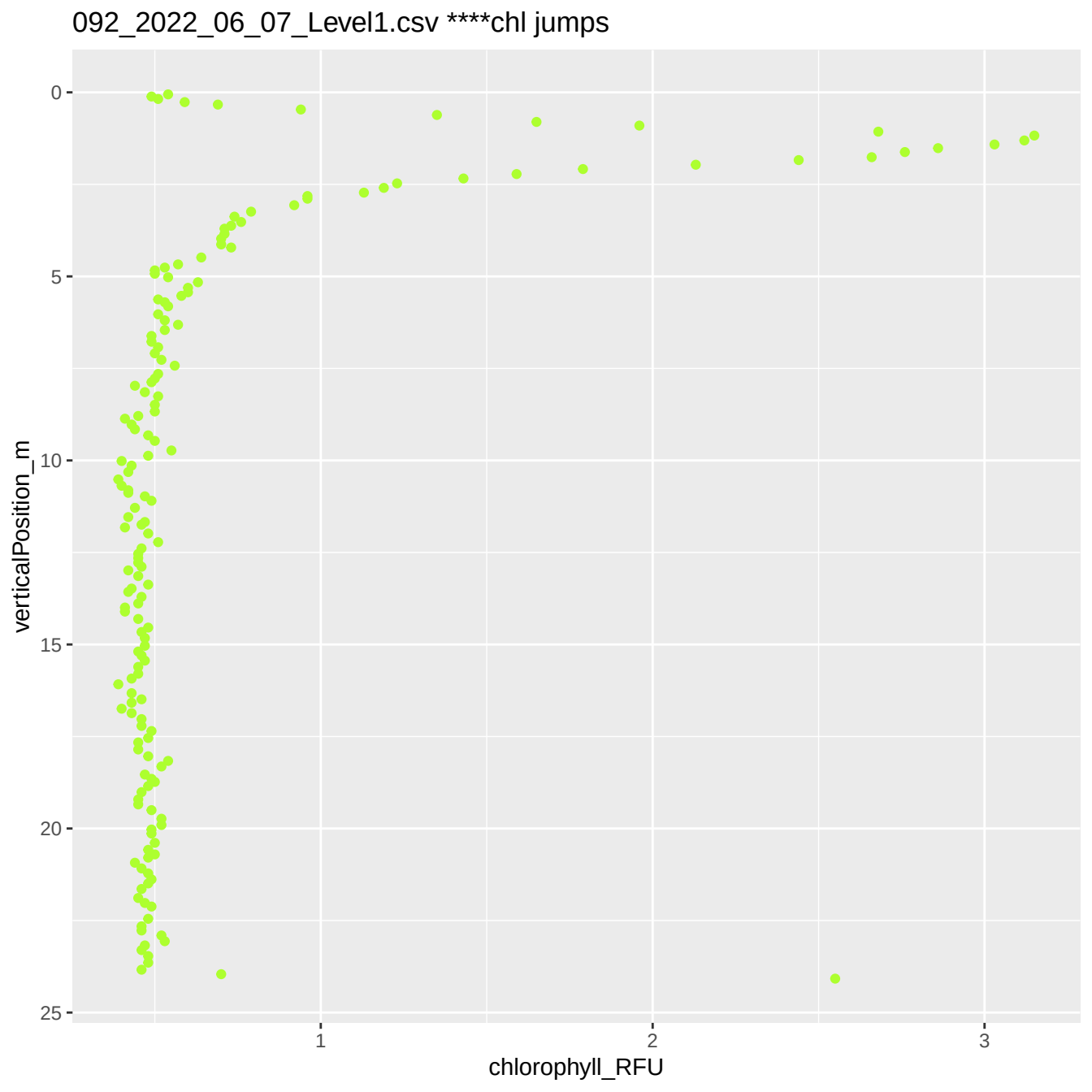

091_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
15
30
45
00
15
dateTime

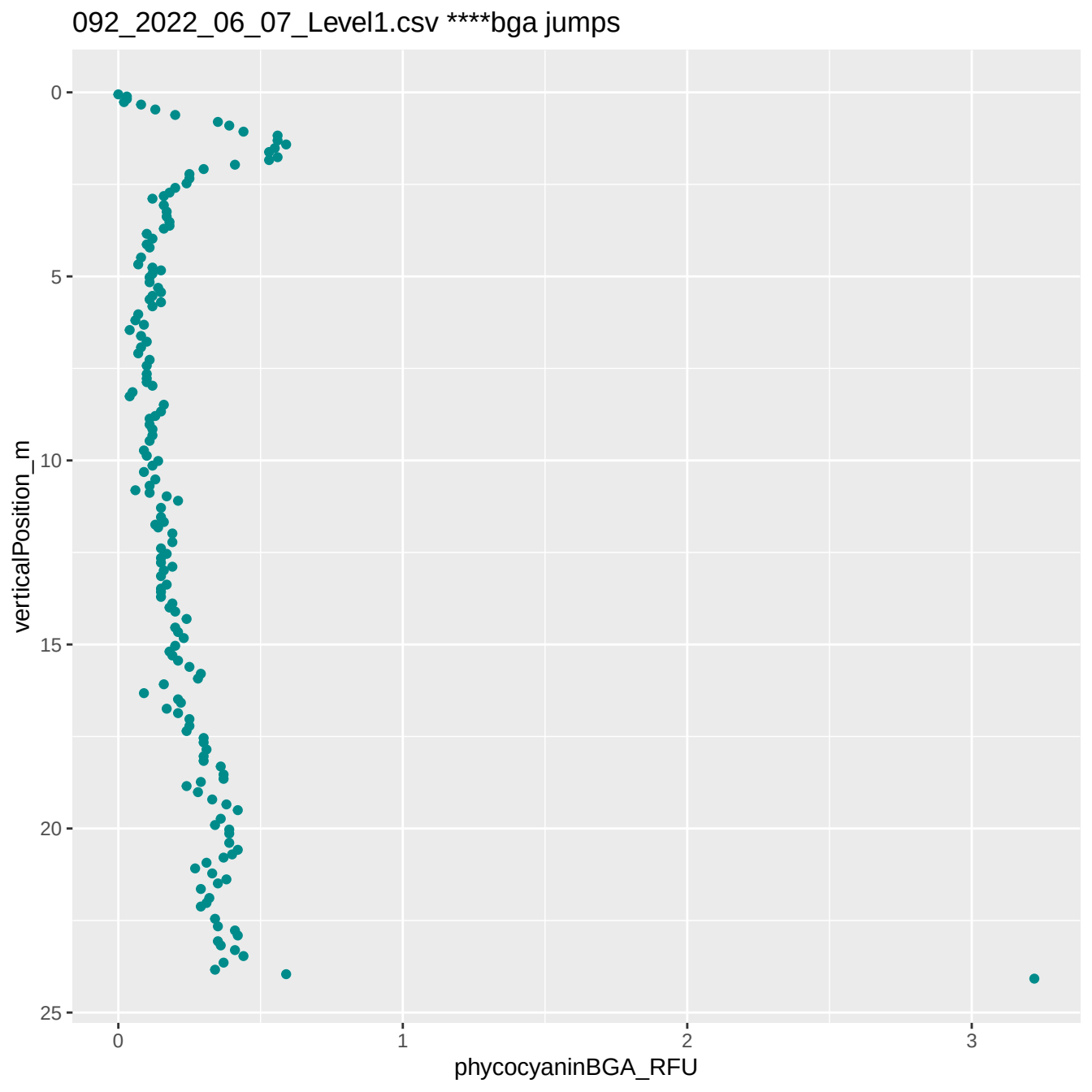

092_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
30
45
00
15
30
dateTime

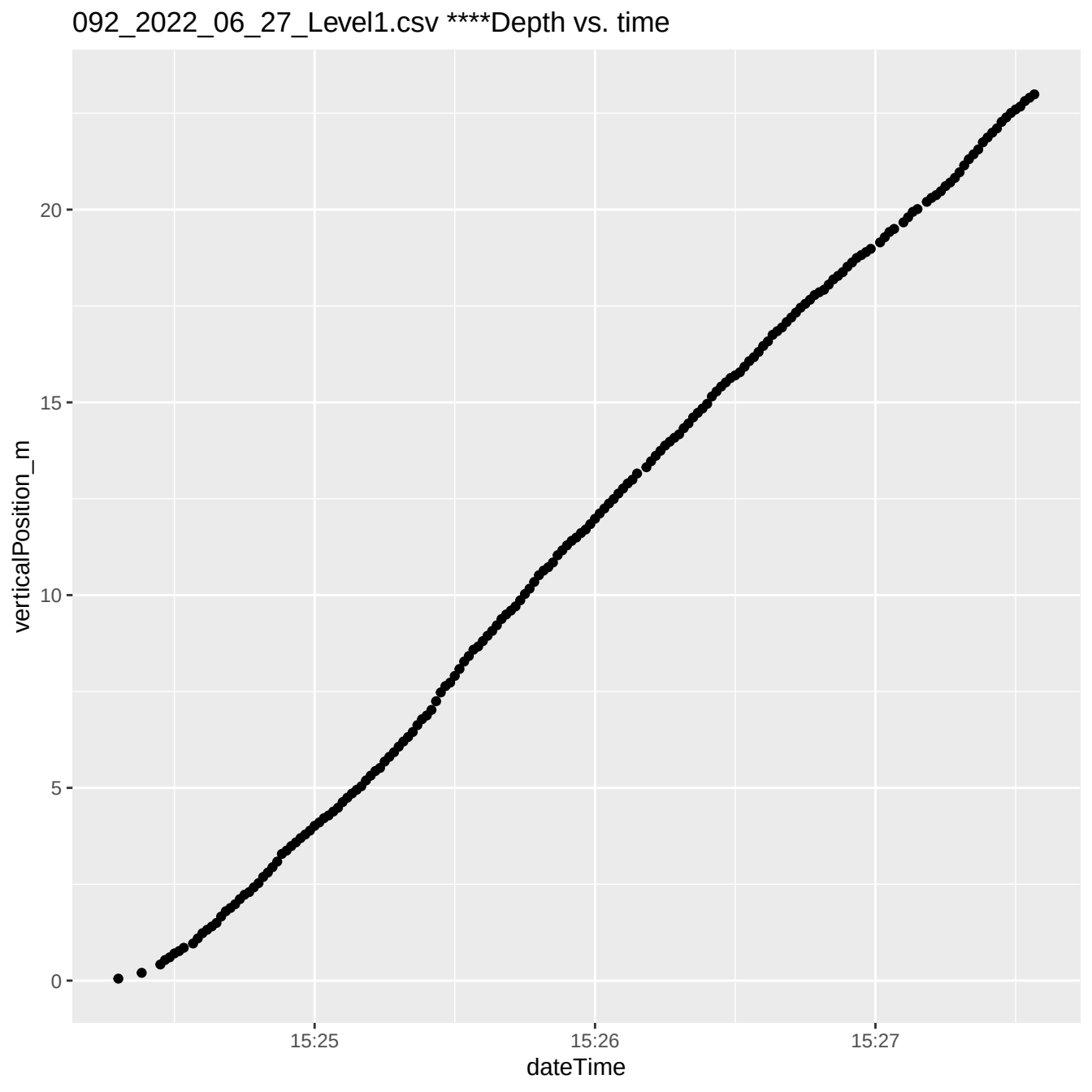

092_2022_06_02_Level1.csv ****bga jumps
0
2
4
verticalPosition_m
−0.1
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

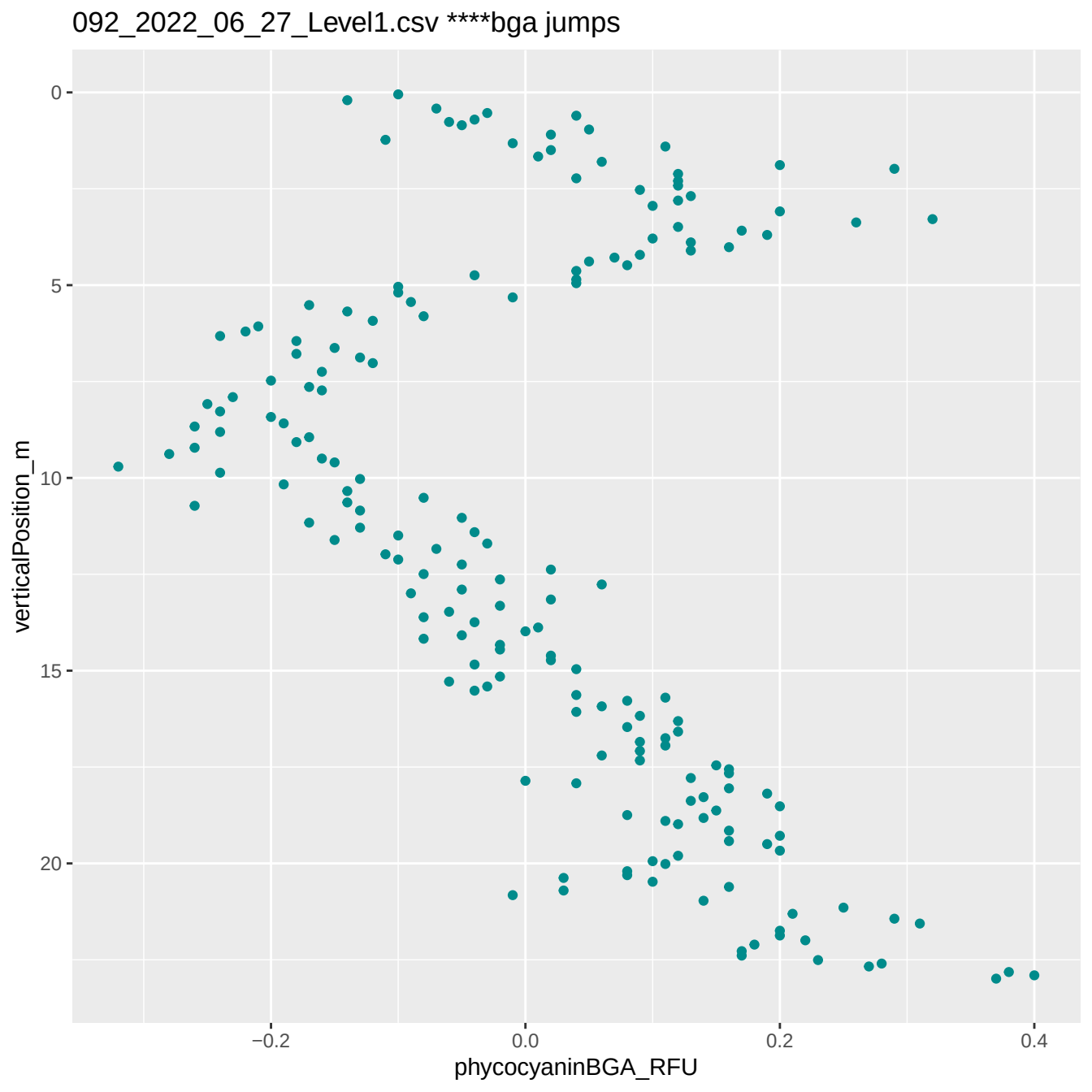

092_2022_06_07_Level1.csv ****Depth vs. time
verticalPosition_m
25
20
15
10
5
0
12:57
12:58
12:59
13:00
dateTime

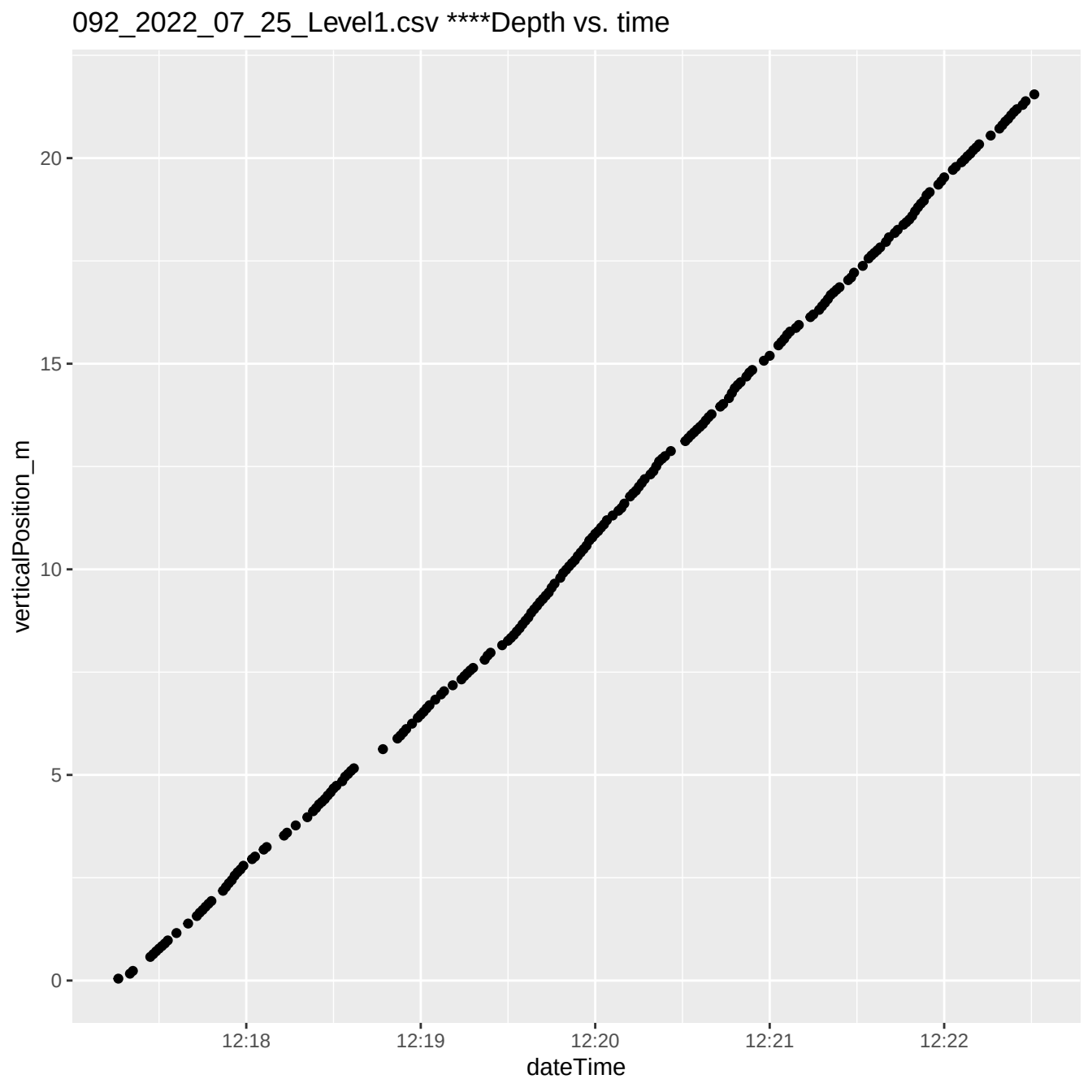

092_2022_06_07_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
25
0
100
200
300
turbidity_FNU

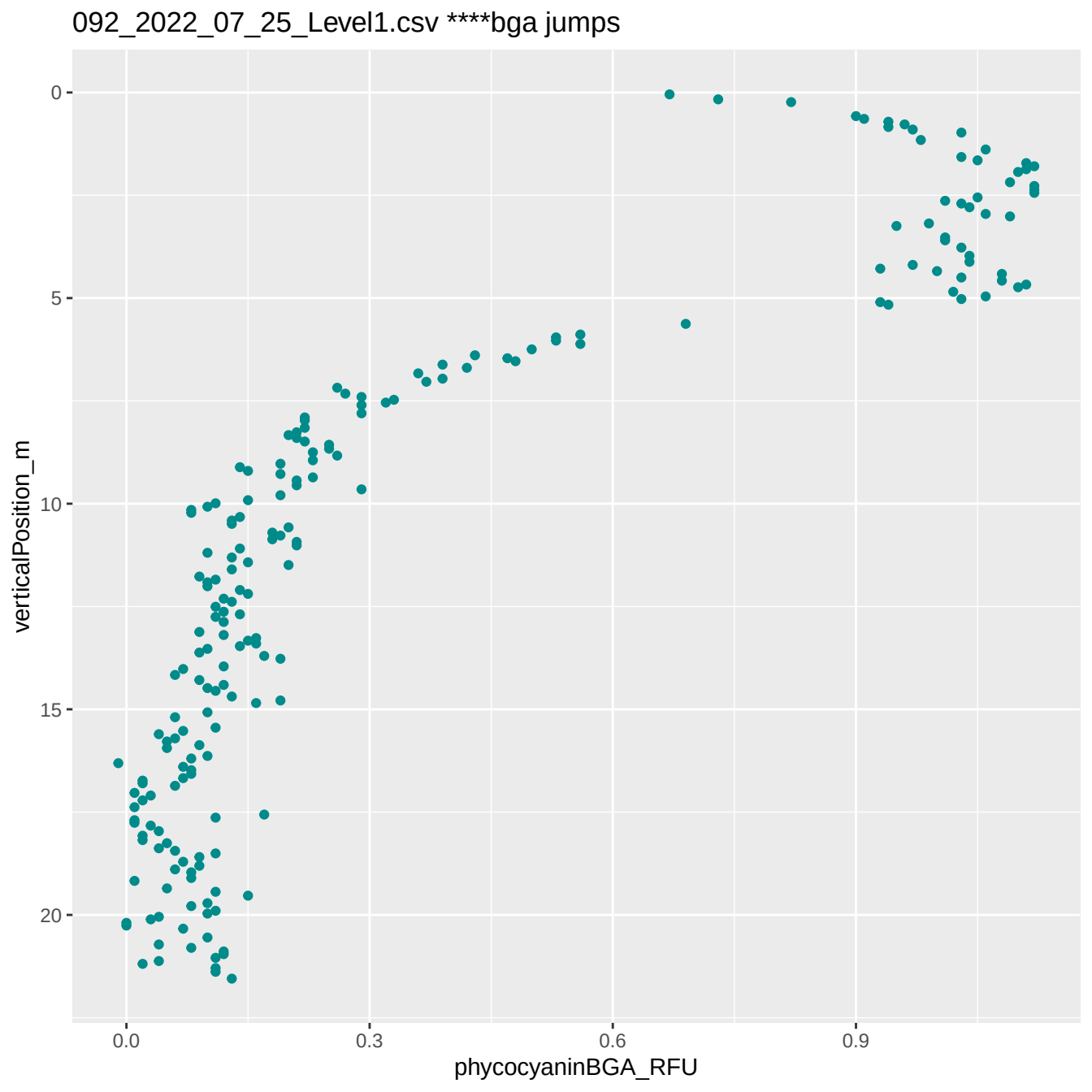

092_2022_06_07_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
20
25
1
2
3
chlorophyll_RFU

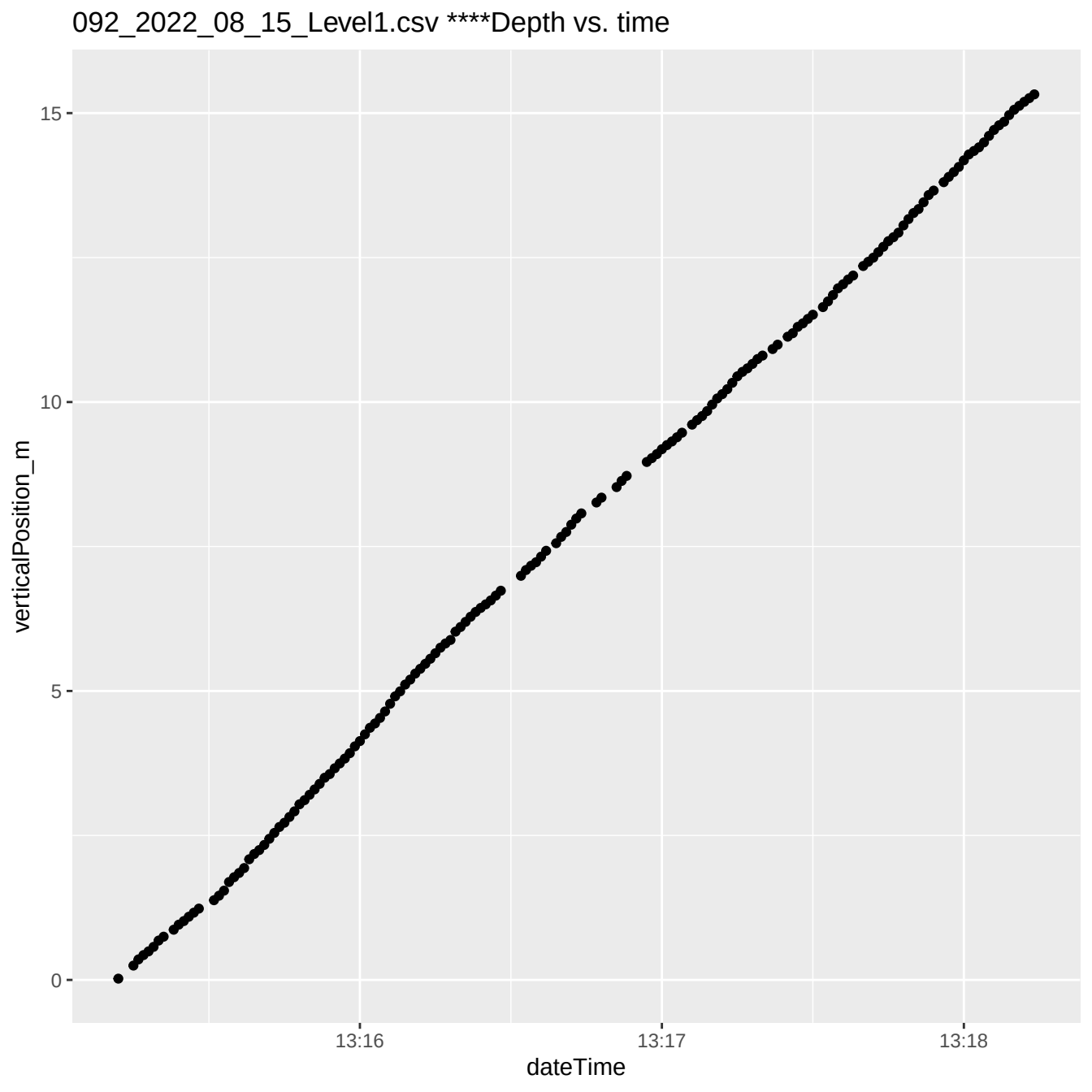

092_2022_06_07_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
25
0
1
2
3
phycocyaninBGA_RFU

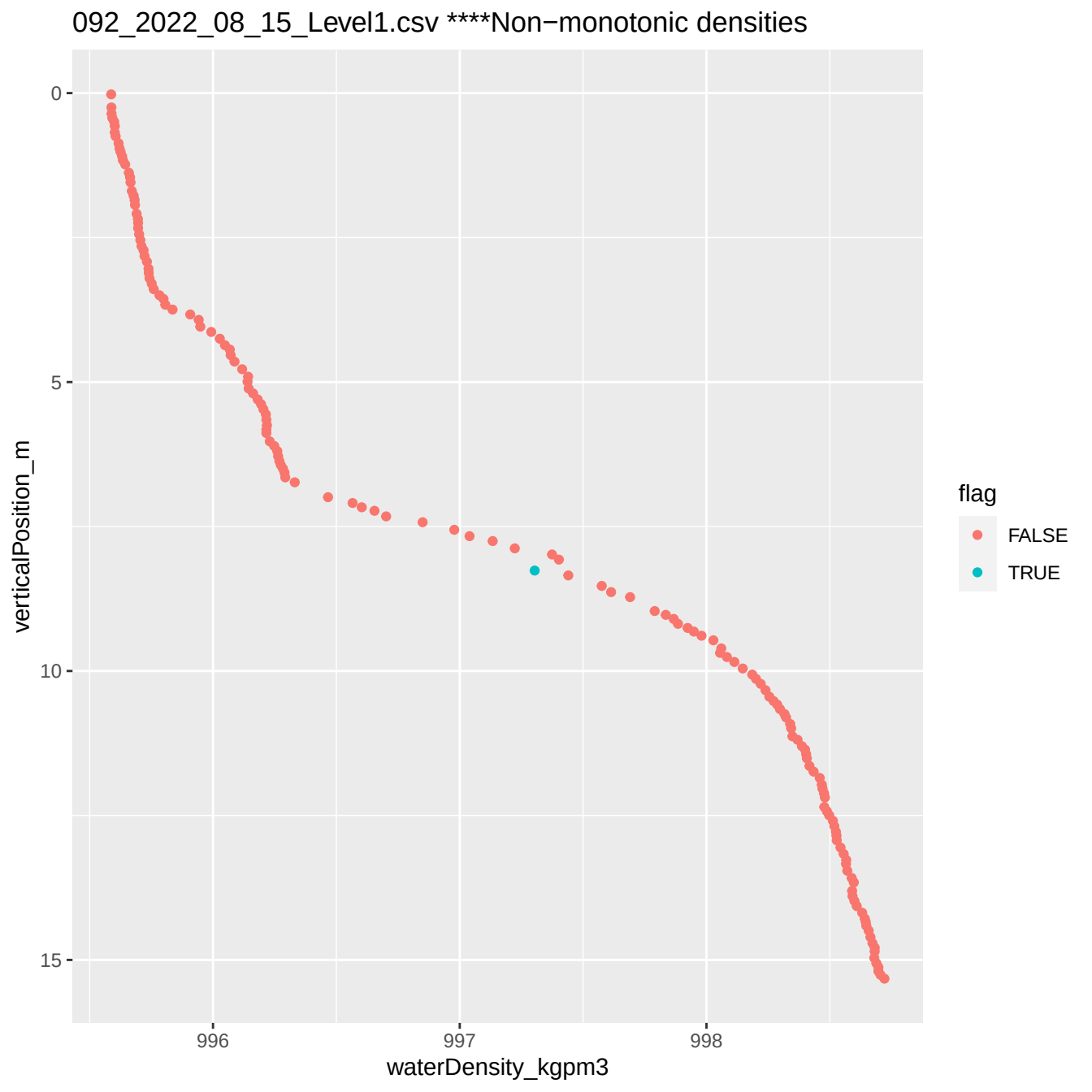

092_2022_06_27_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
15:25
15:26
15:27
dateTime

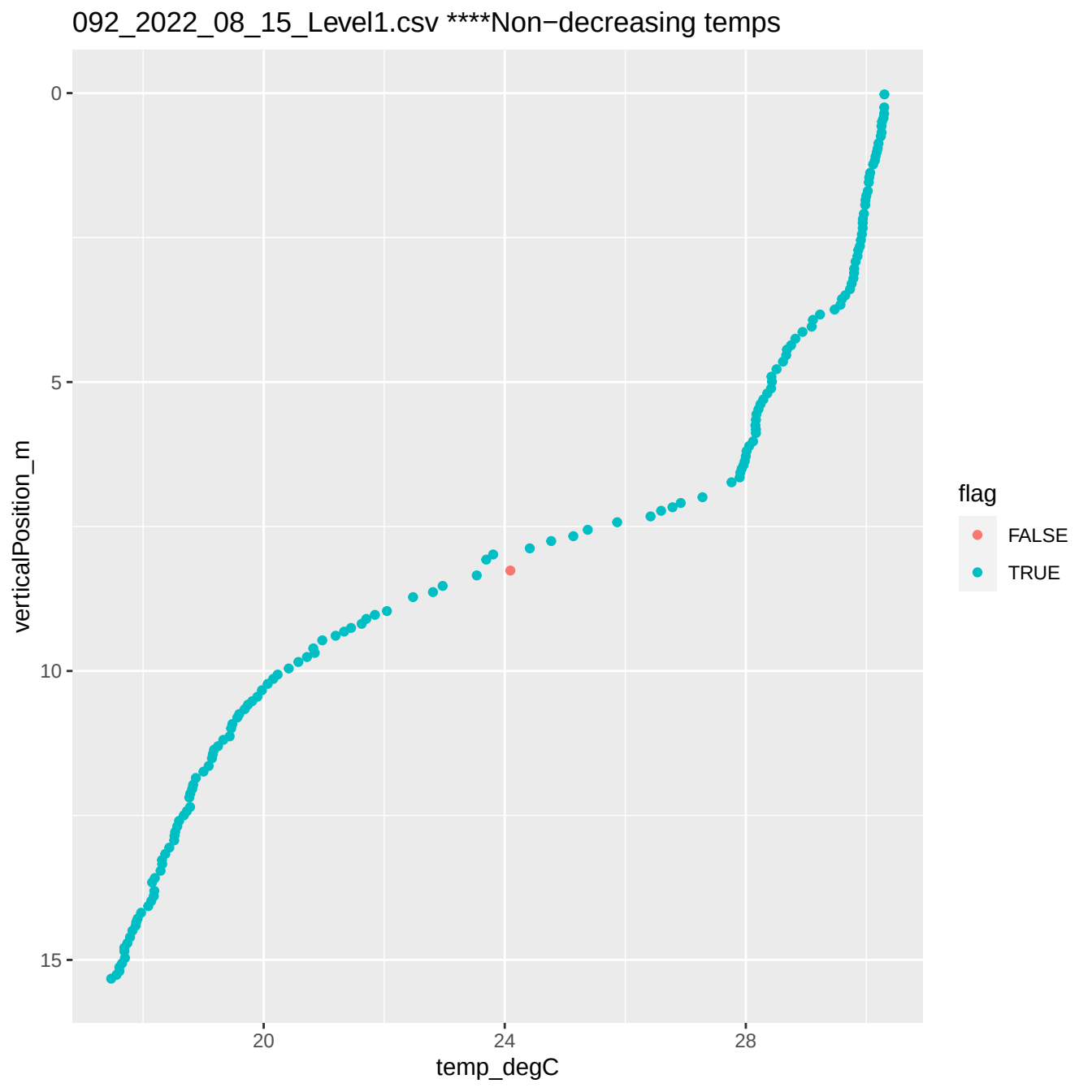

092_2022_06_27_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
−0.2
0.0
0.2
0.4
phycocyaninBGA_RFU

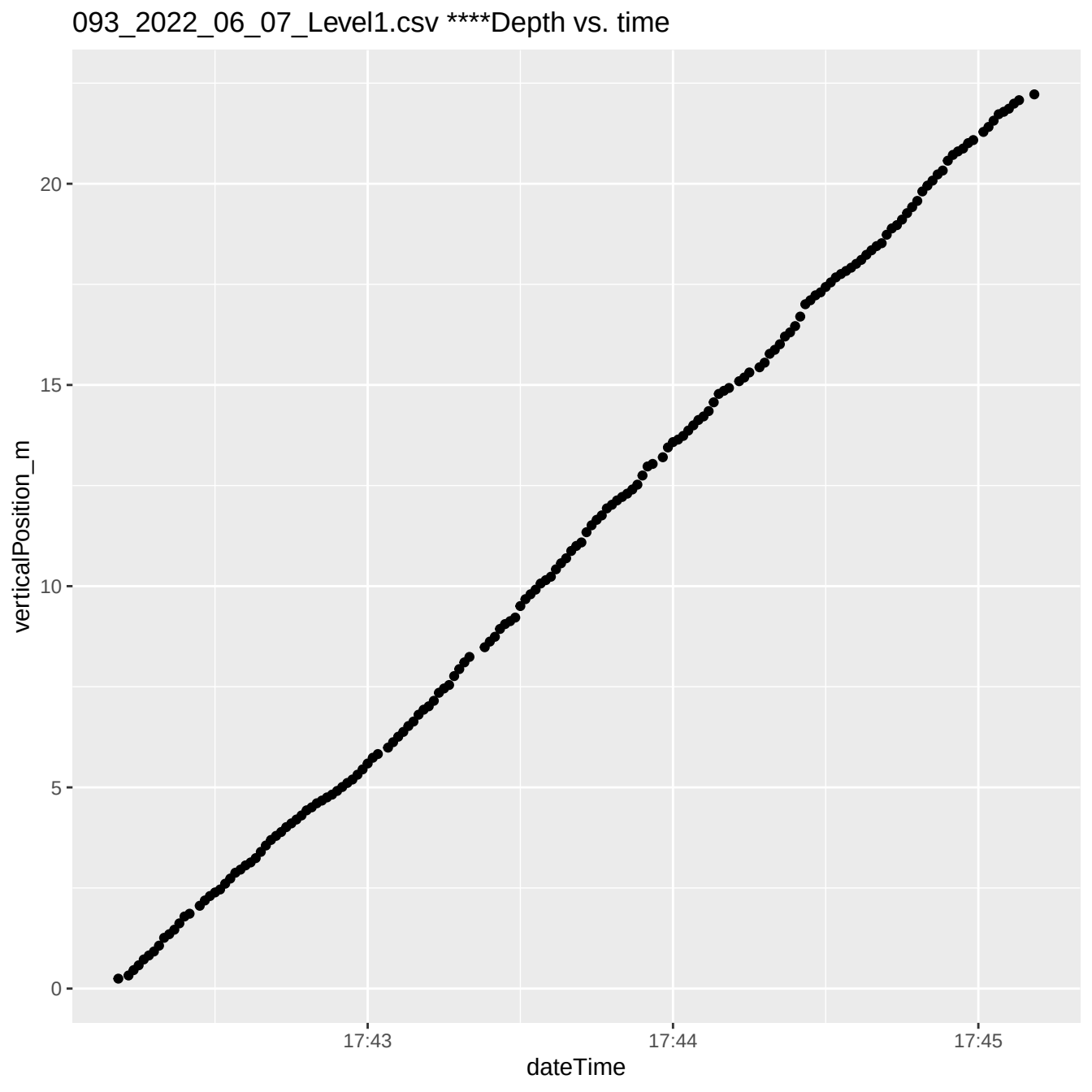

092_2022_07_25_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
12:18
12:19
12:20
12:21
12:22
dateTime

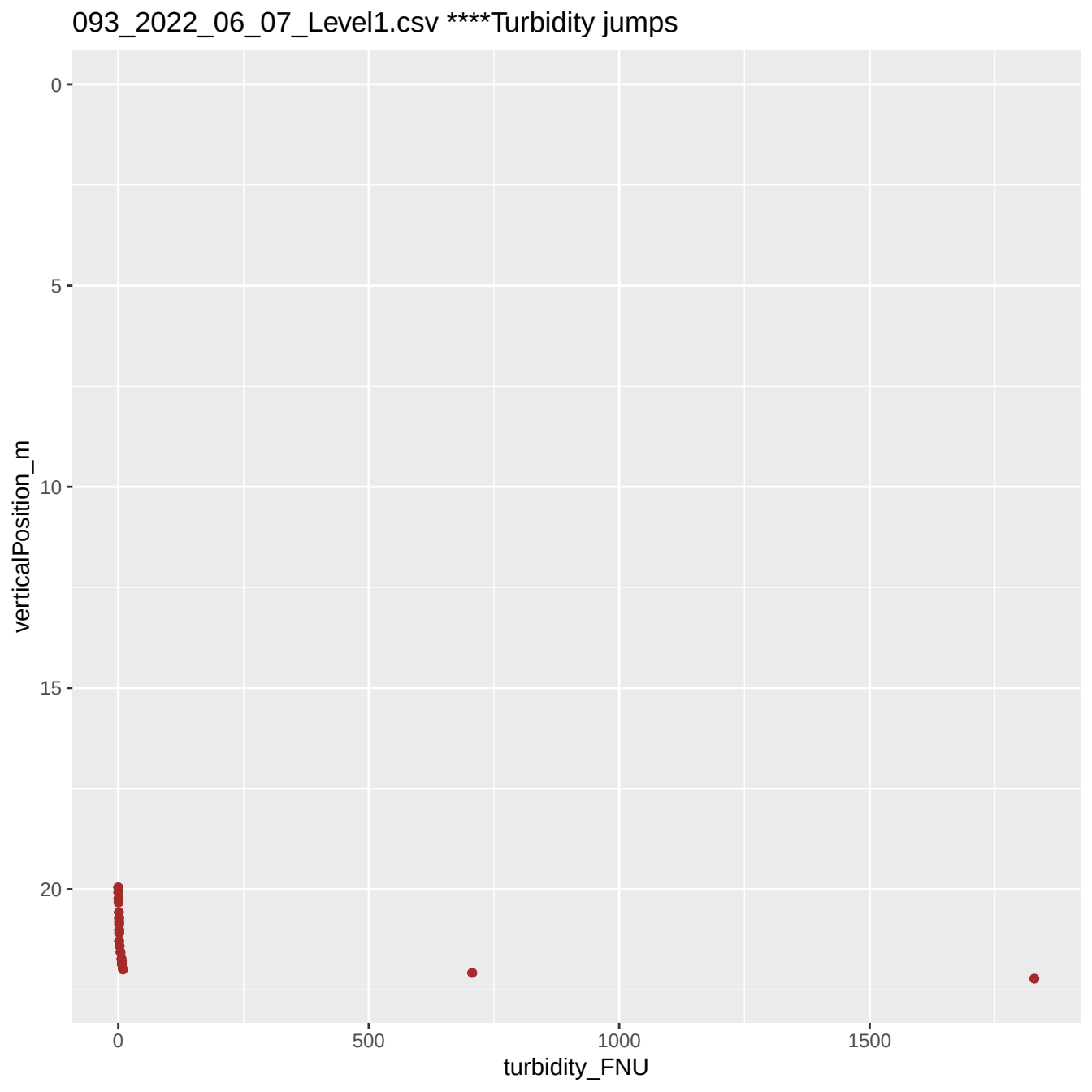

092_2022_07_25_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.3
0.6
0.9
phycocyaninBGA_RFU

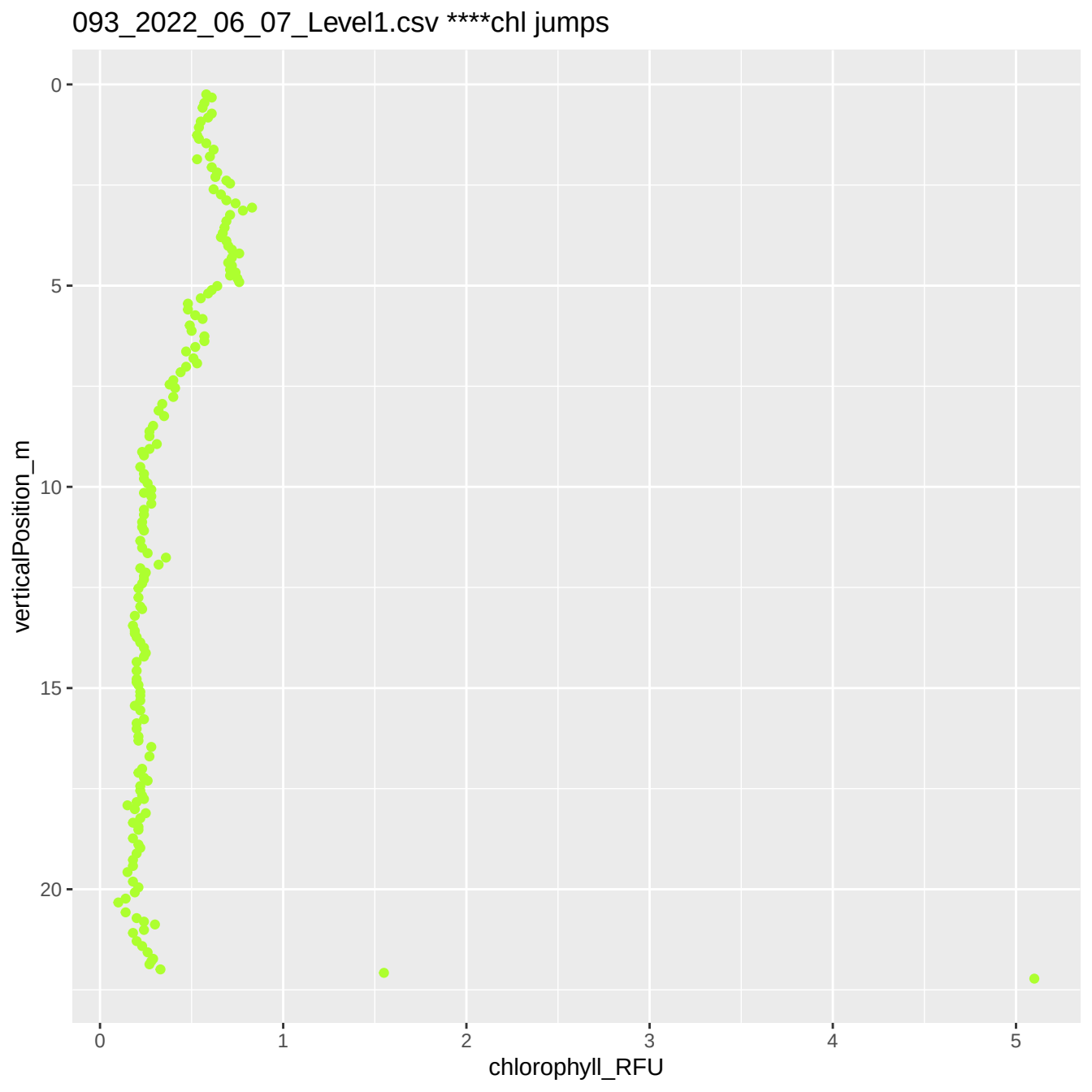

092_2022_08_15_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
13:16
13:17
13:18
dateTime

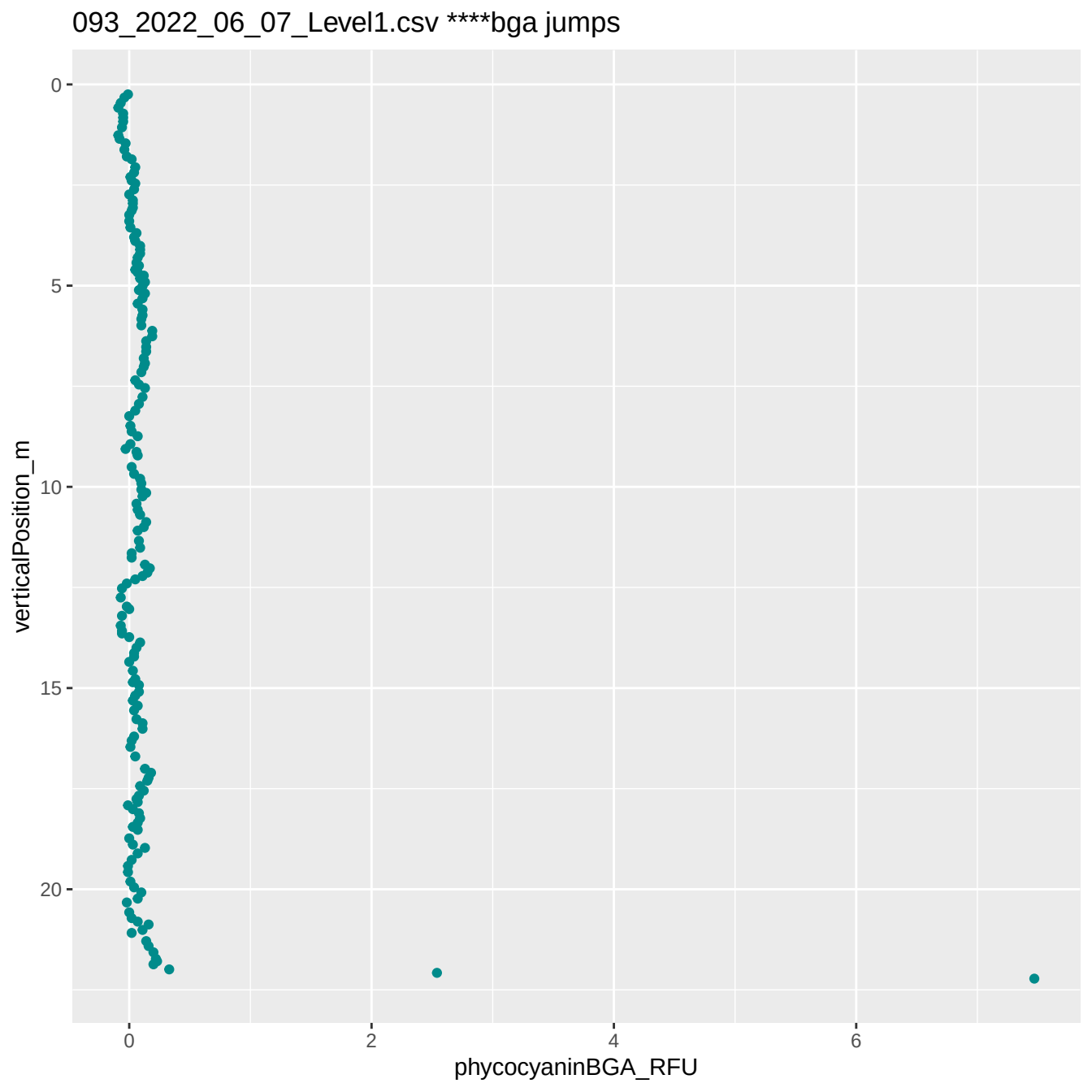

092_2022_08_15_Level1.csv ****Non−monotonic densities
0
5
10
15
verticalPosition_m
996
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

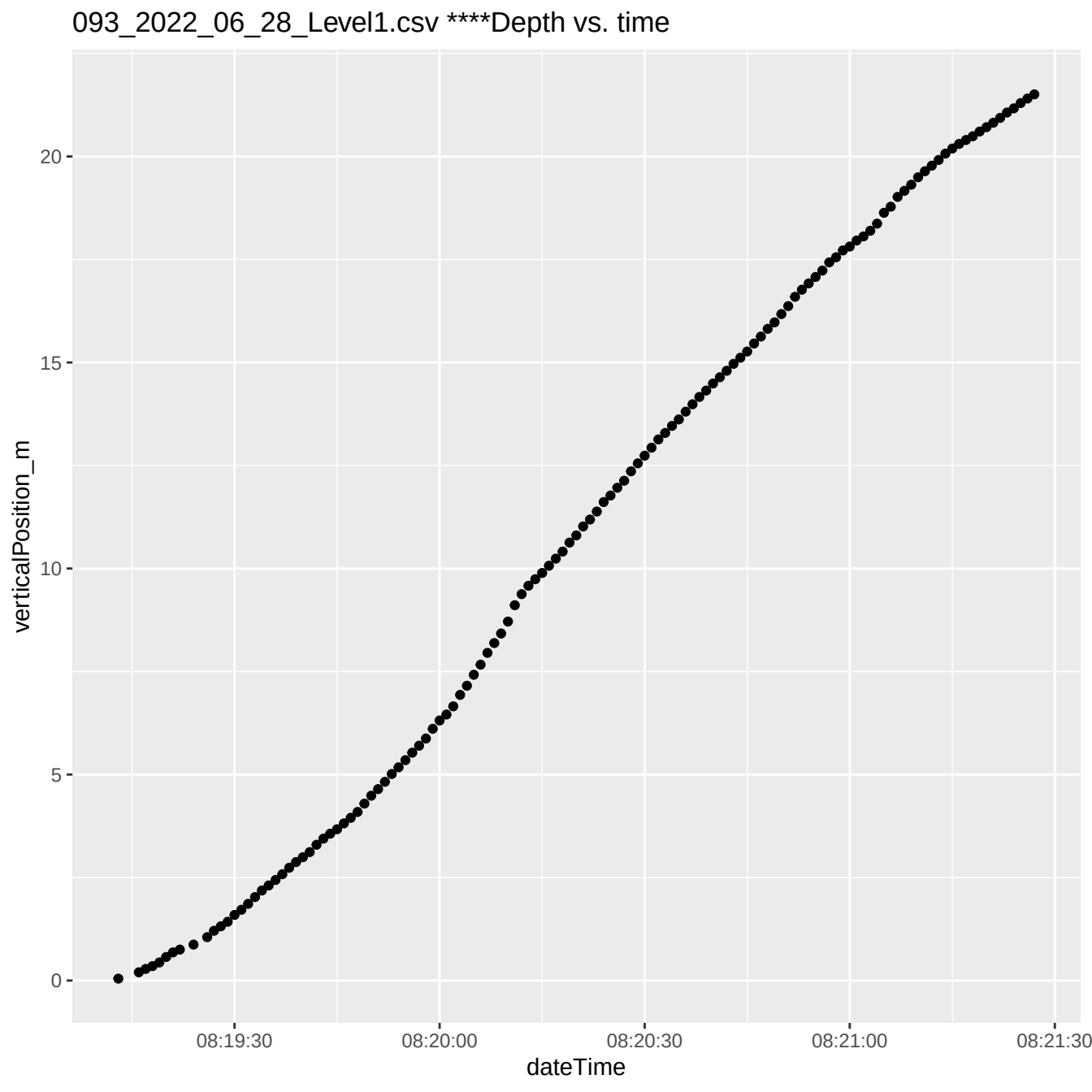

092_2022_08_15_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
20
24
28
temp_degC
flag
FALSE
TRUE

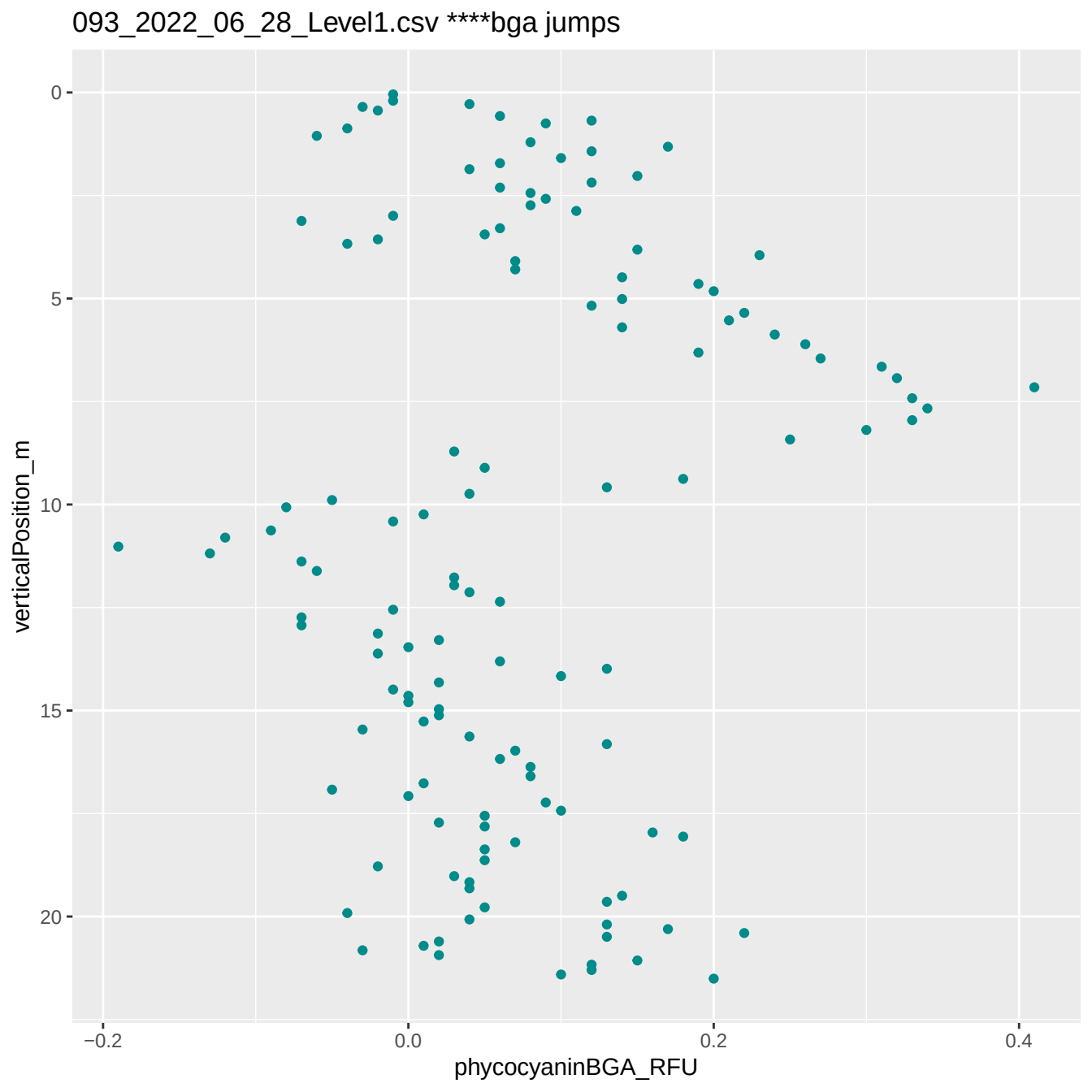

093_2022_06_07_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
17:43
17:44
17:45
dateTime

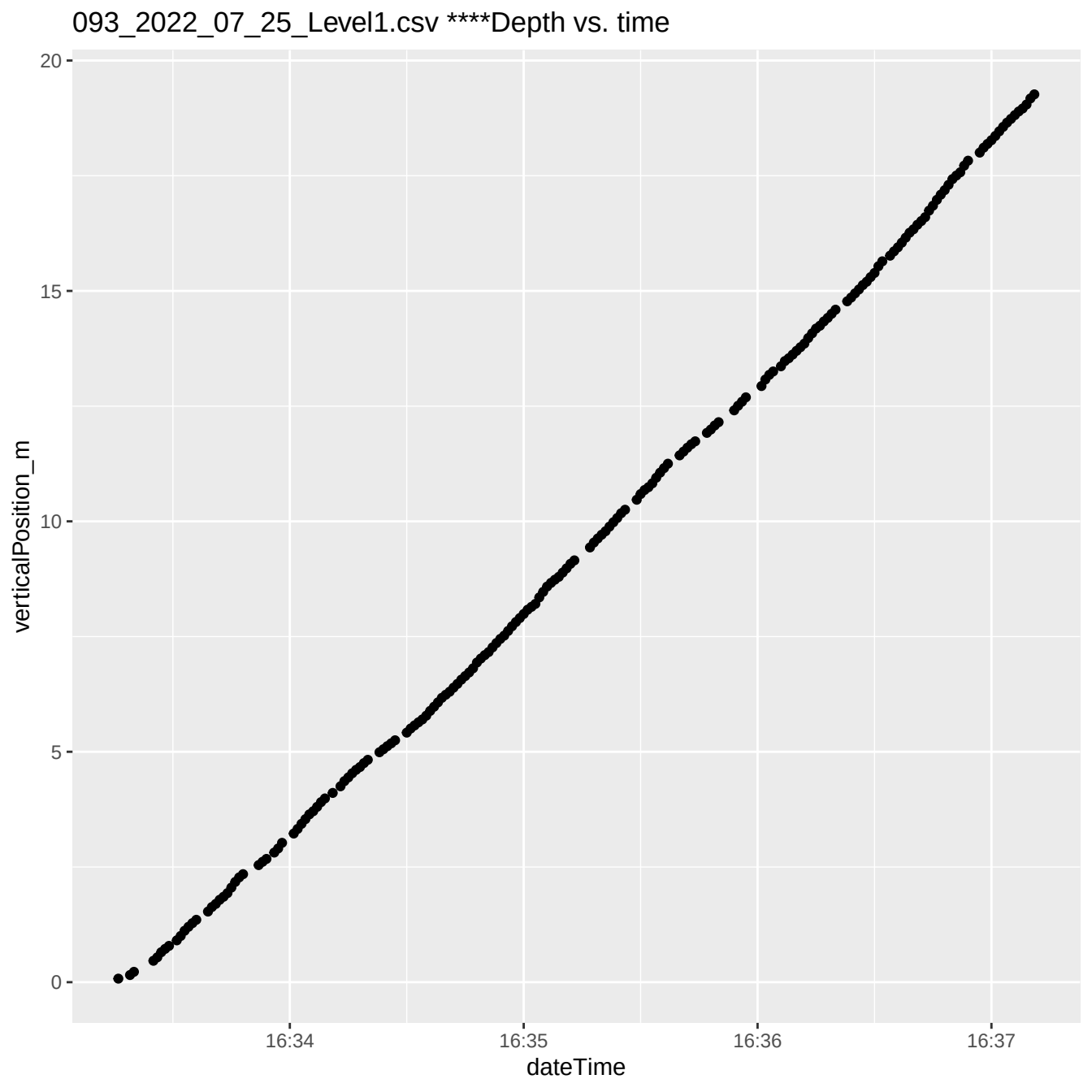

093_2022_06_07_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0
500
1000
1500
turbidity_FNU

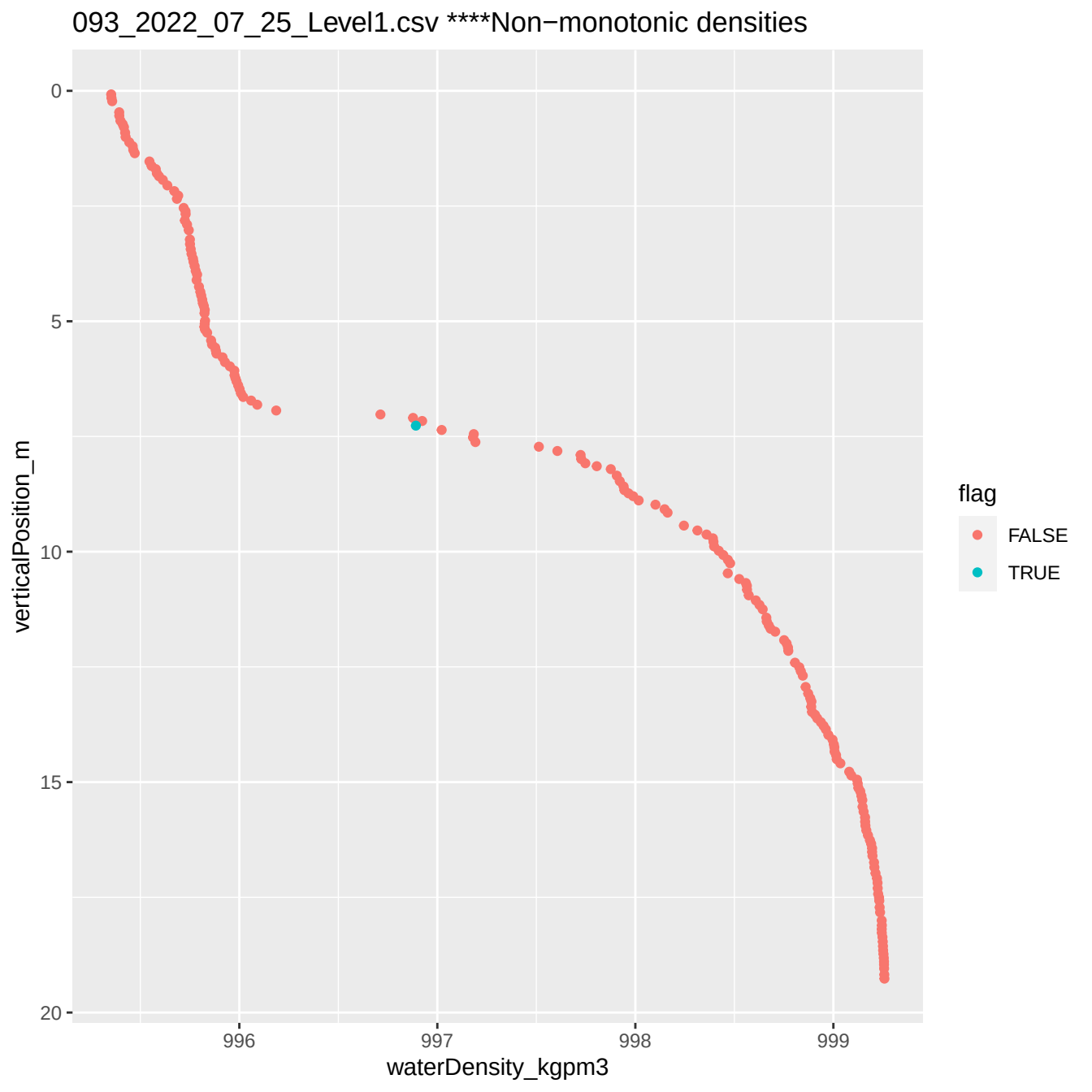

093_2022_06_07_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
20
chlorophyll_RFU
0
1
2
3
4
5

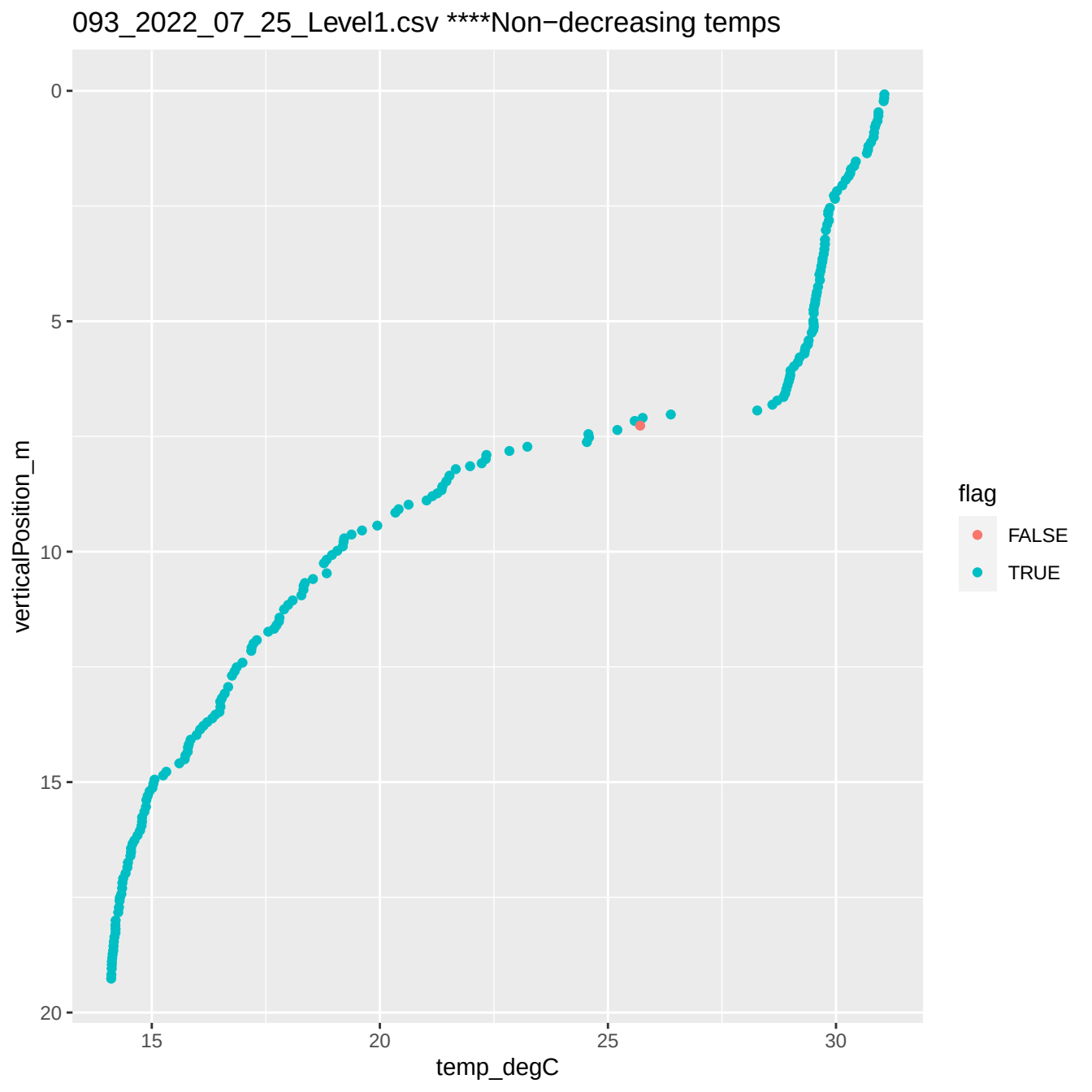

093_2022_06_07_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0
2
4
6
phycocyaninBGA_RFU

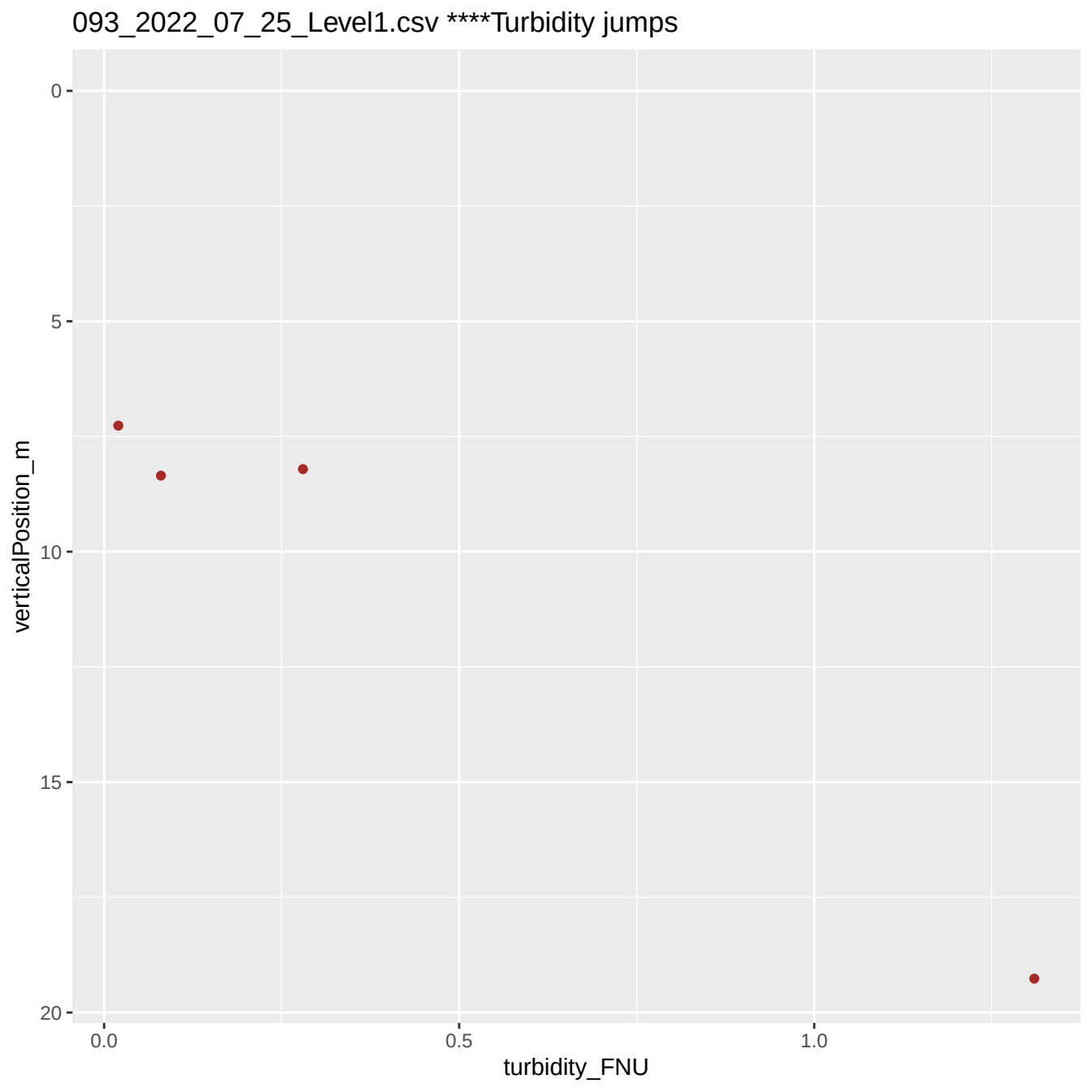

093_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
08:19:30
08:20:00
08:20:30
08:21:00
08:21:30
dateTime

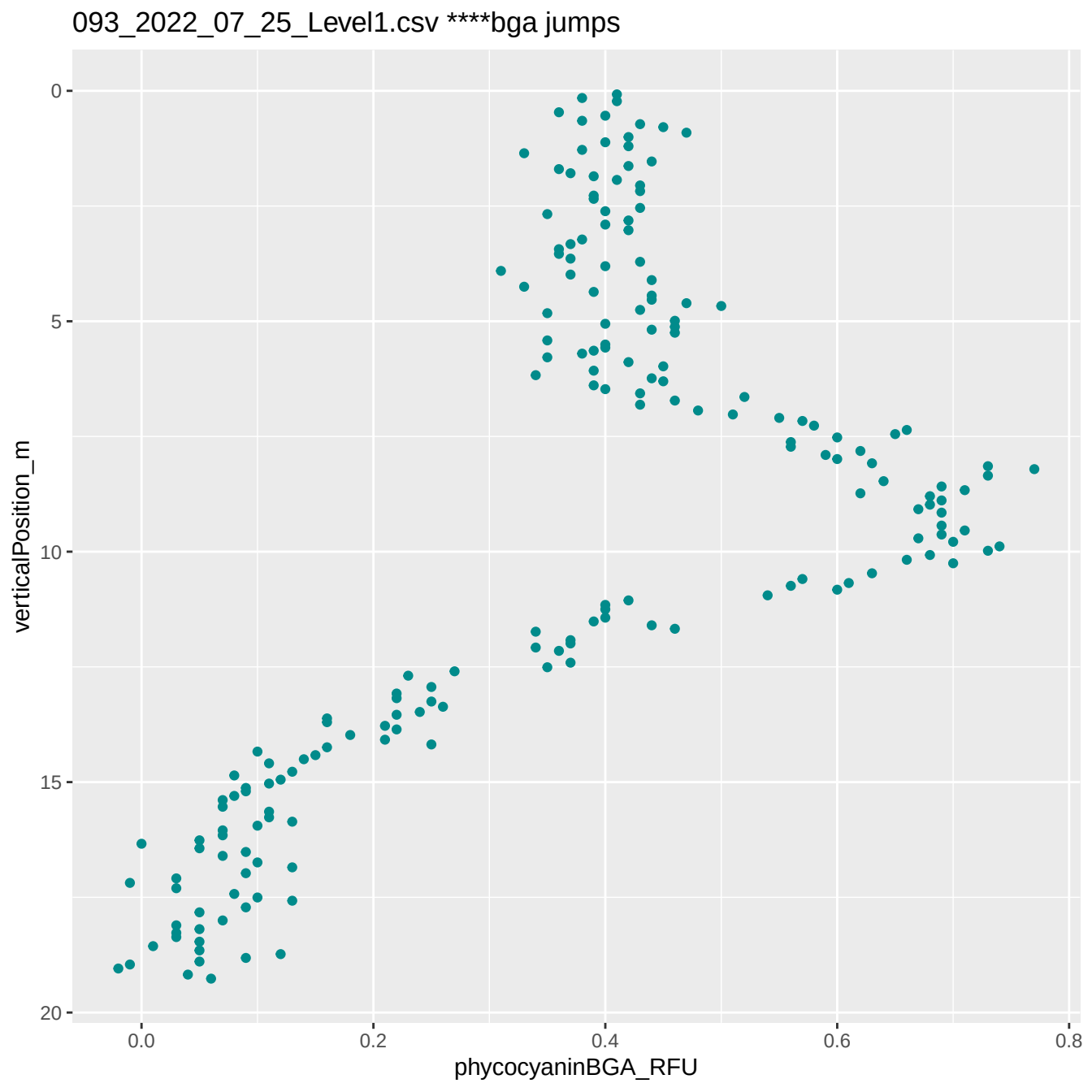

093_2022_06_28_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
−0.2
0.0
0.2
0.4
phycocyaninBGA_RFU

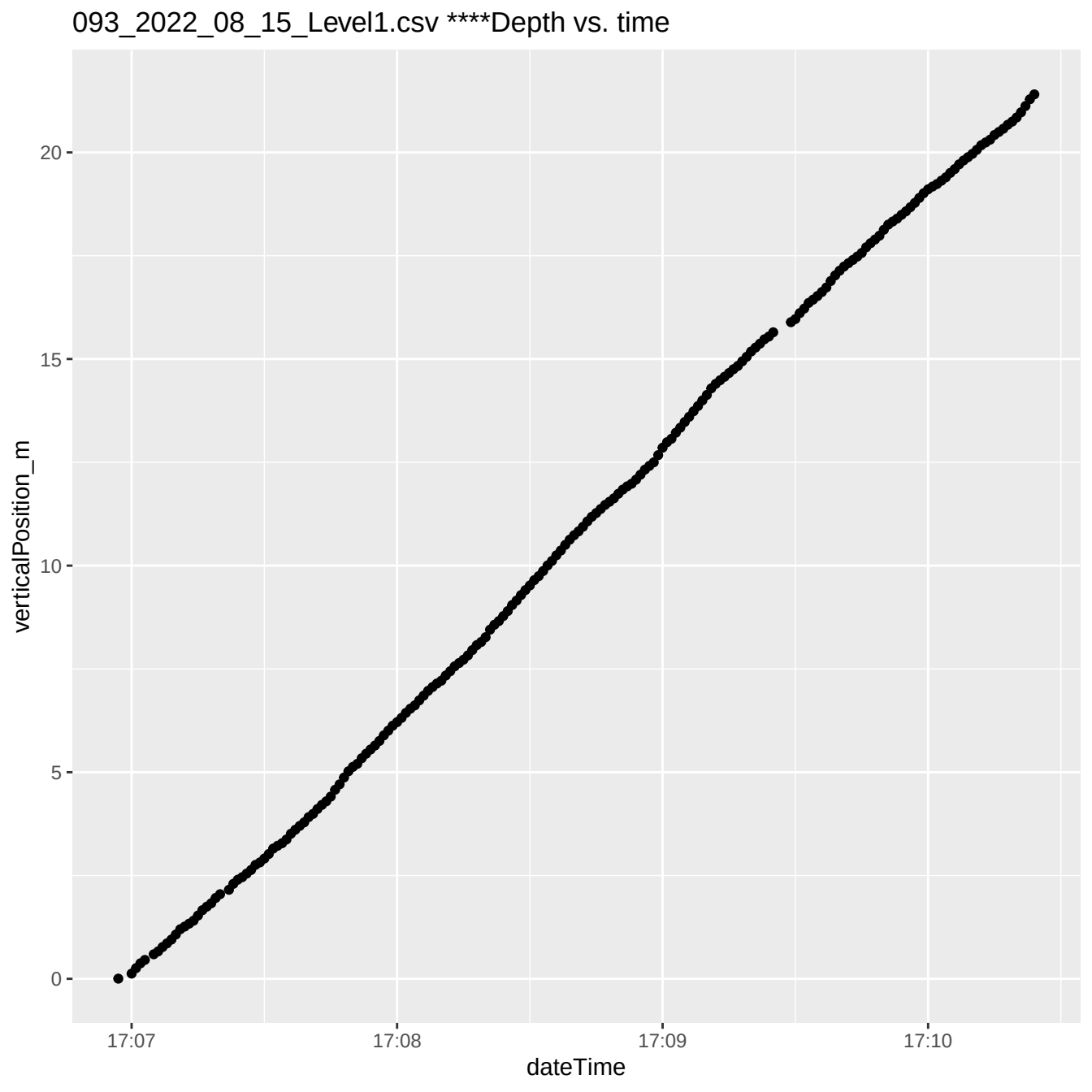

093_2022_07_25_Level1.csv ****Depth vs. time
20
15
10
5
0
verticalPosition_m
16:34
16:35
16:36
16:37
dateTime

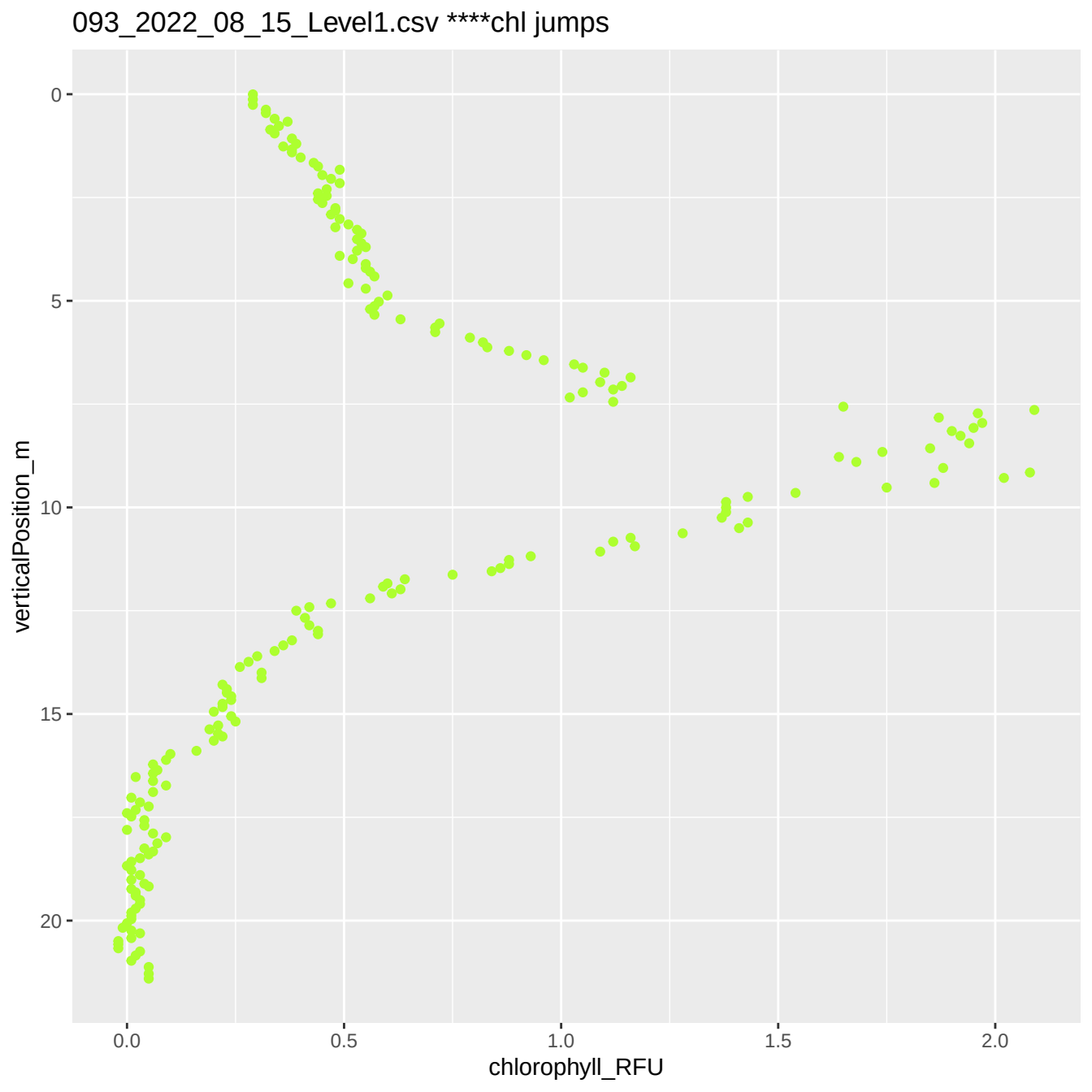

093_2022_07_25_Level1.csv ****Non−monotonic densities
0
5
10
15
20
verticalPosition_m
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

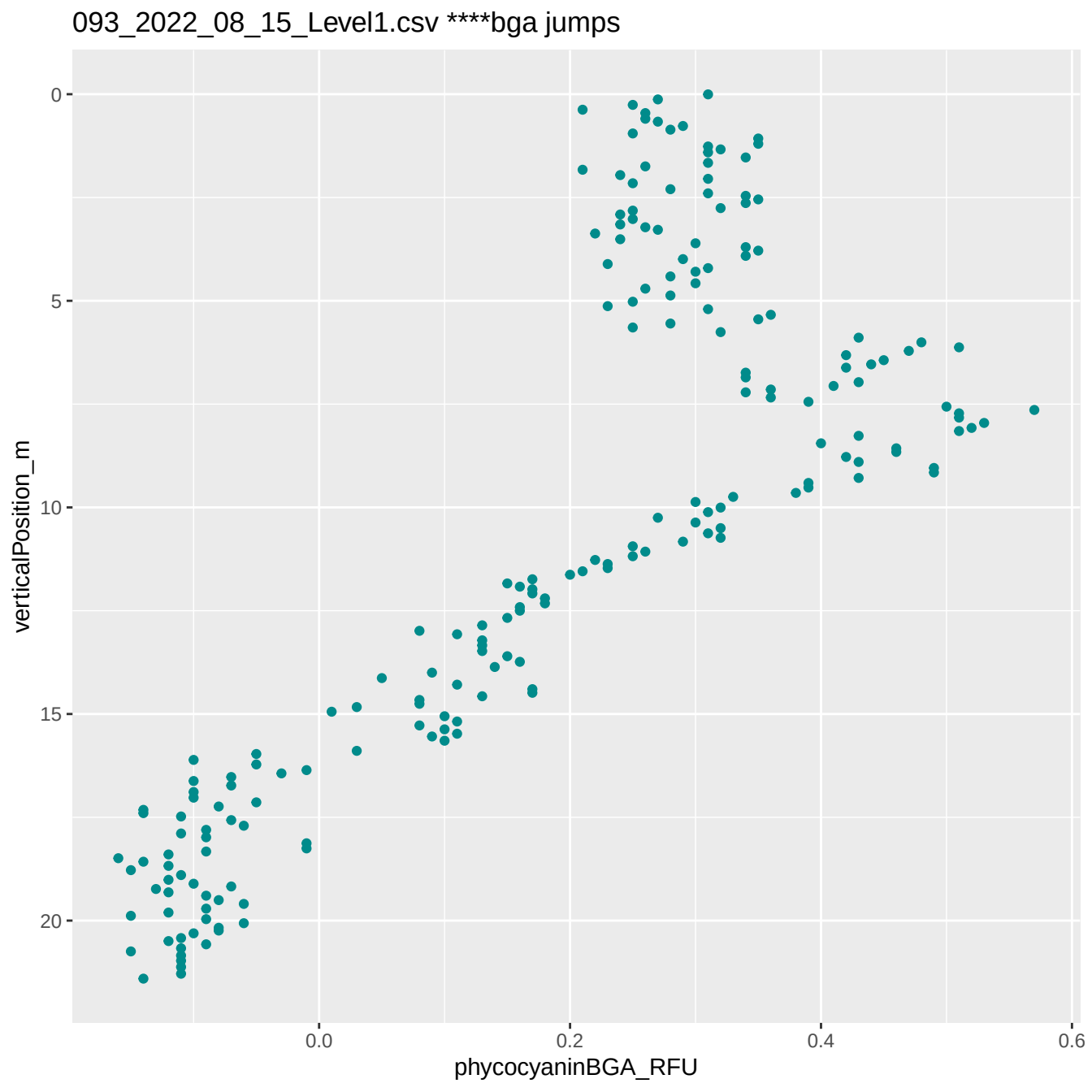

093_2022_07_25_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
20
15
20
25
30
temp_degC
flag
FALSE
TRUE

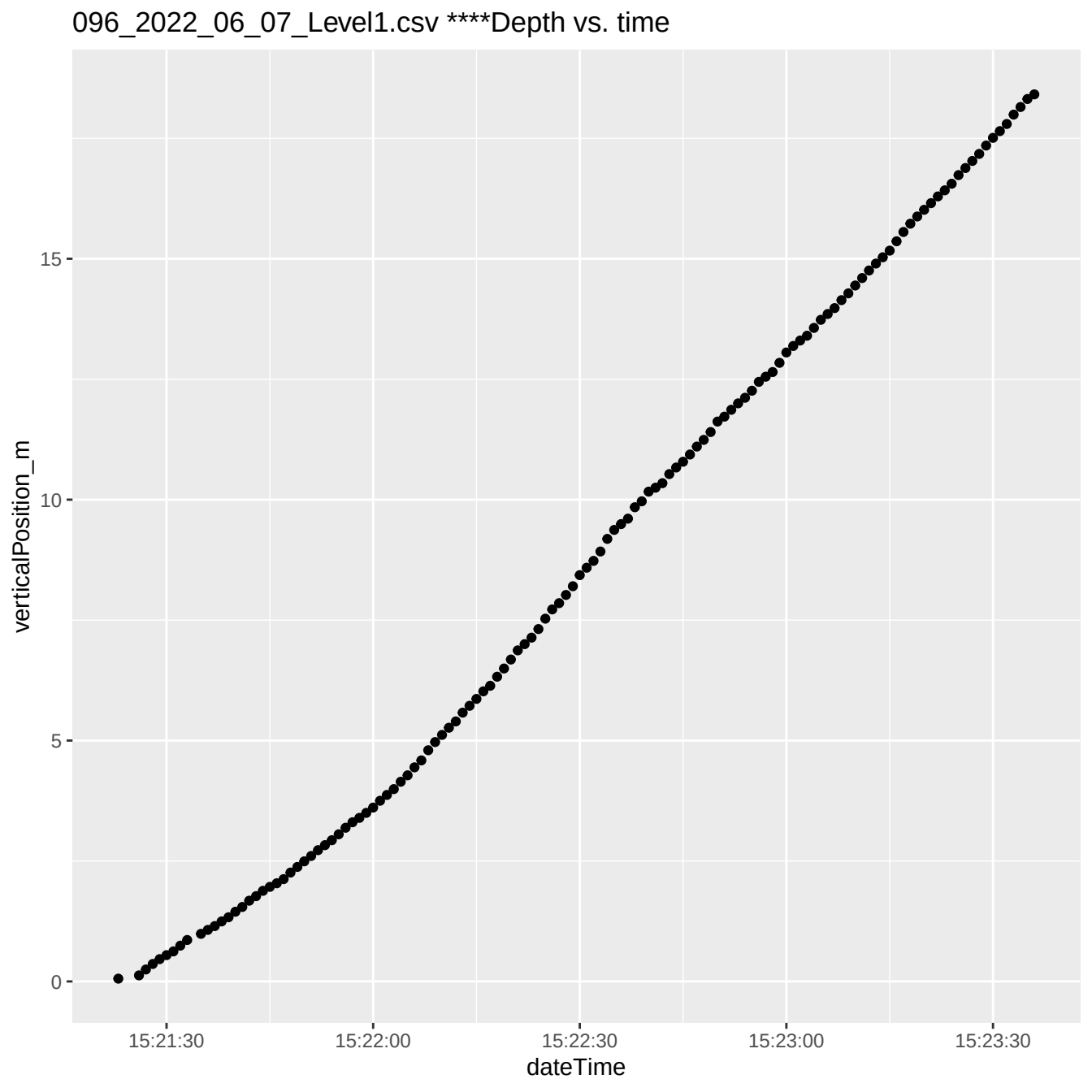

093_2022_07_25_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0.0
0.5
1.0
turbidity_FNU

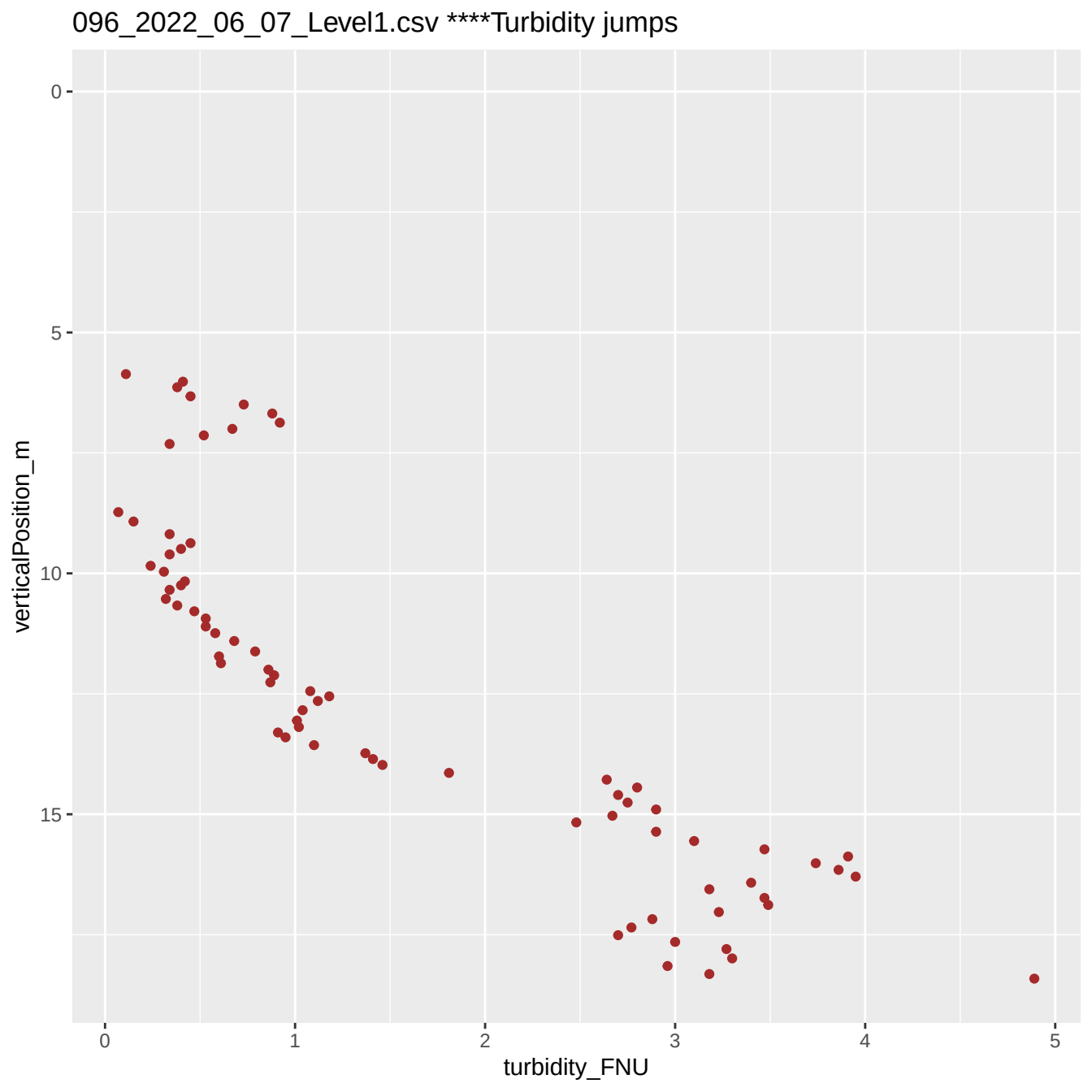

093_2022_07_25_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
phycocyaninBGA_RFU

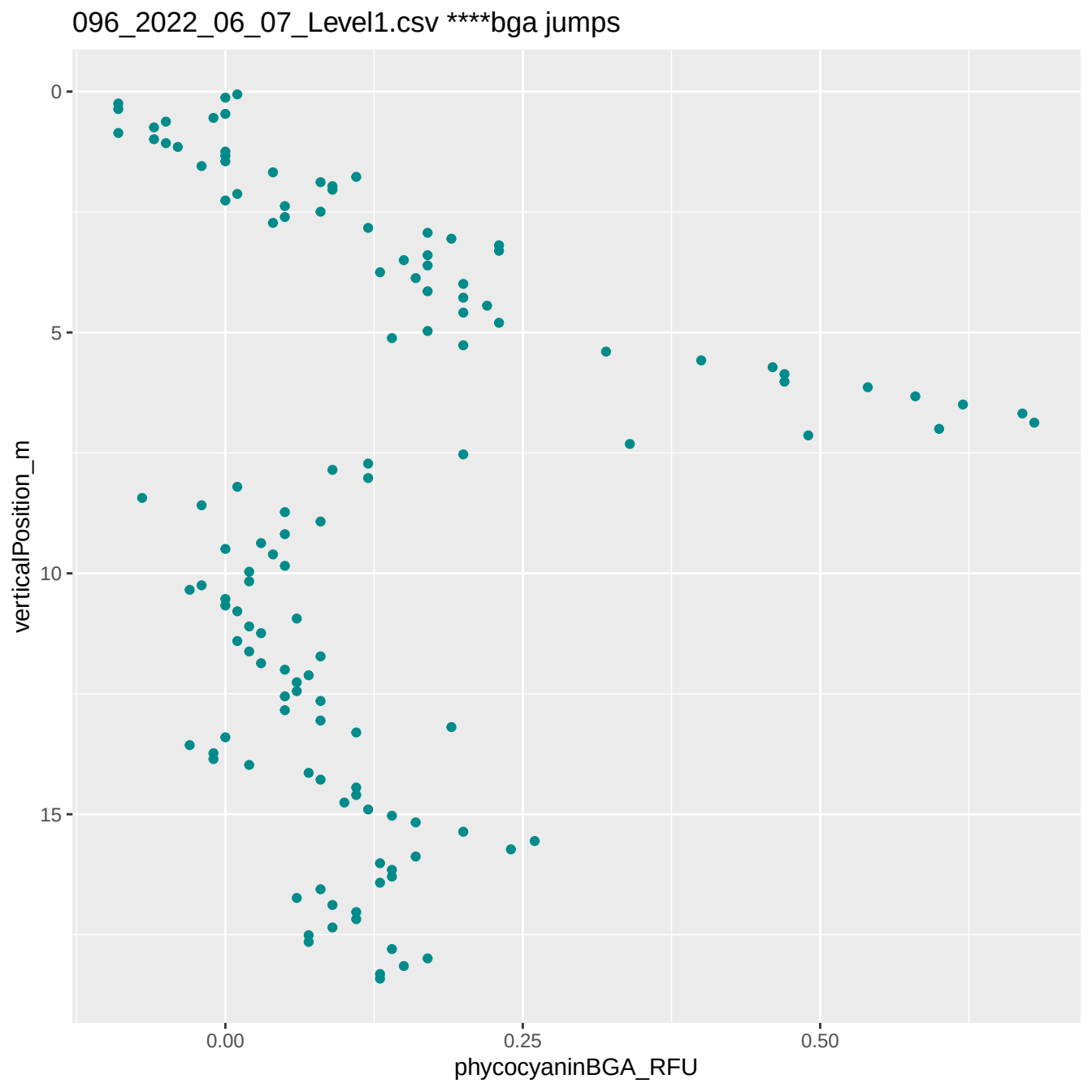

093_2022_08_15_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
17:07
17:08
17:09
17:10
dateTime

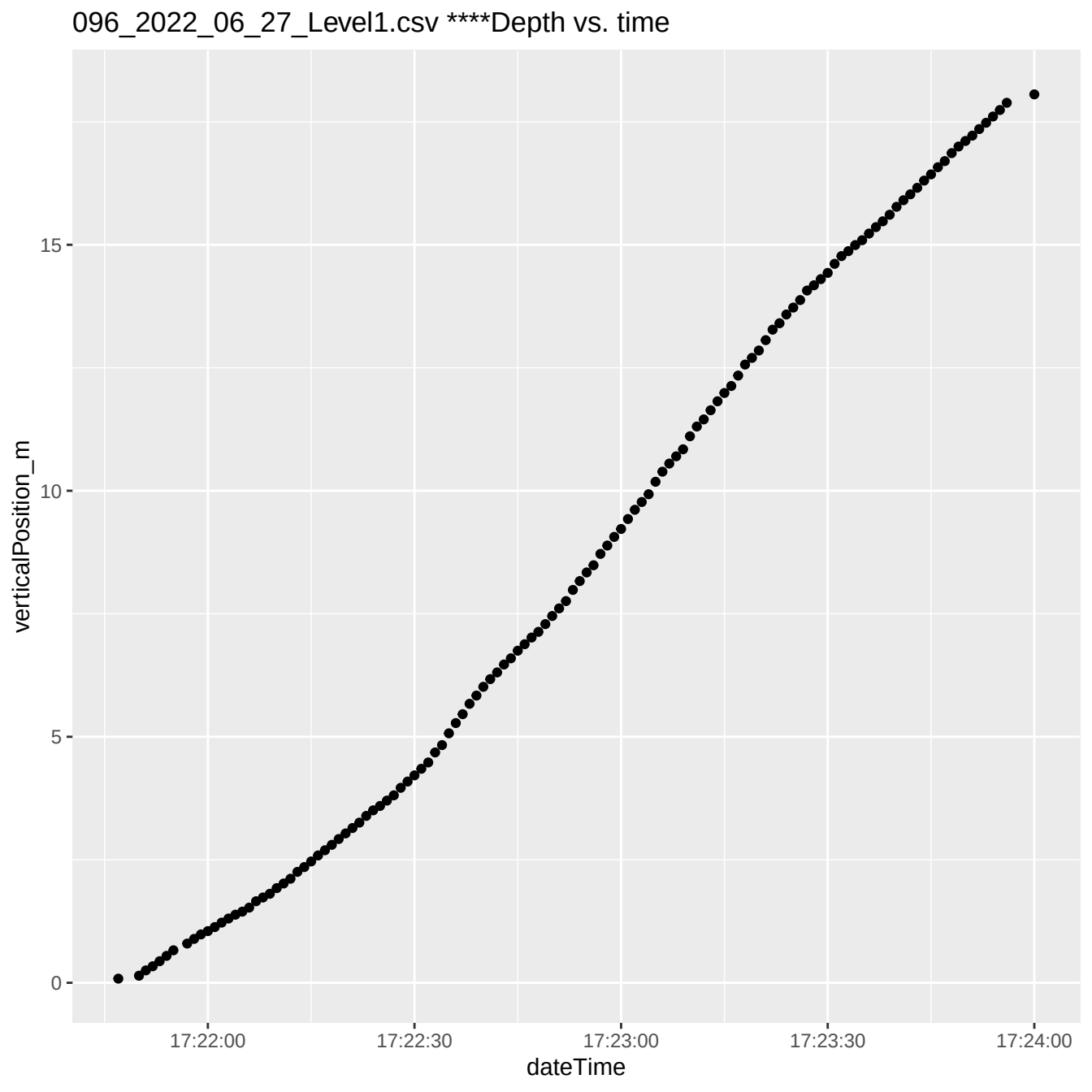

093_2022_08_15_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
20
0.0
0.5
1.0
1.5
2.0
chlorophyll_RFU

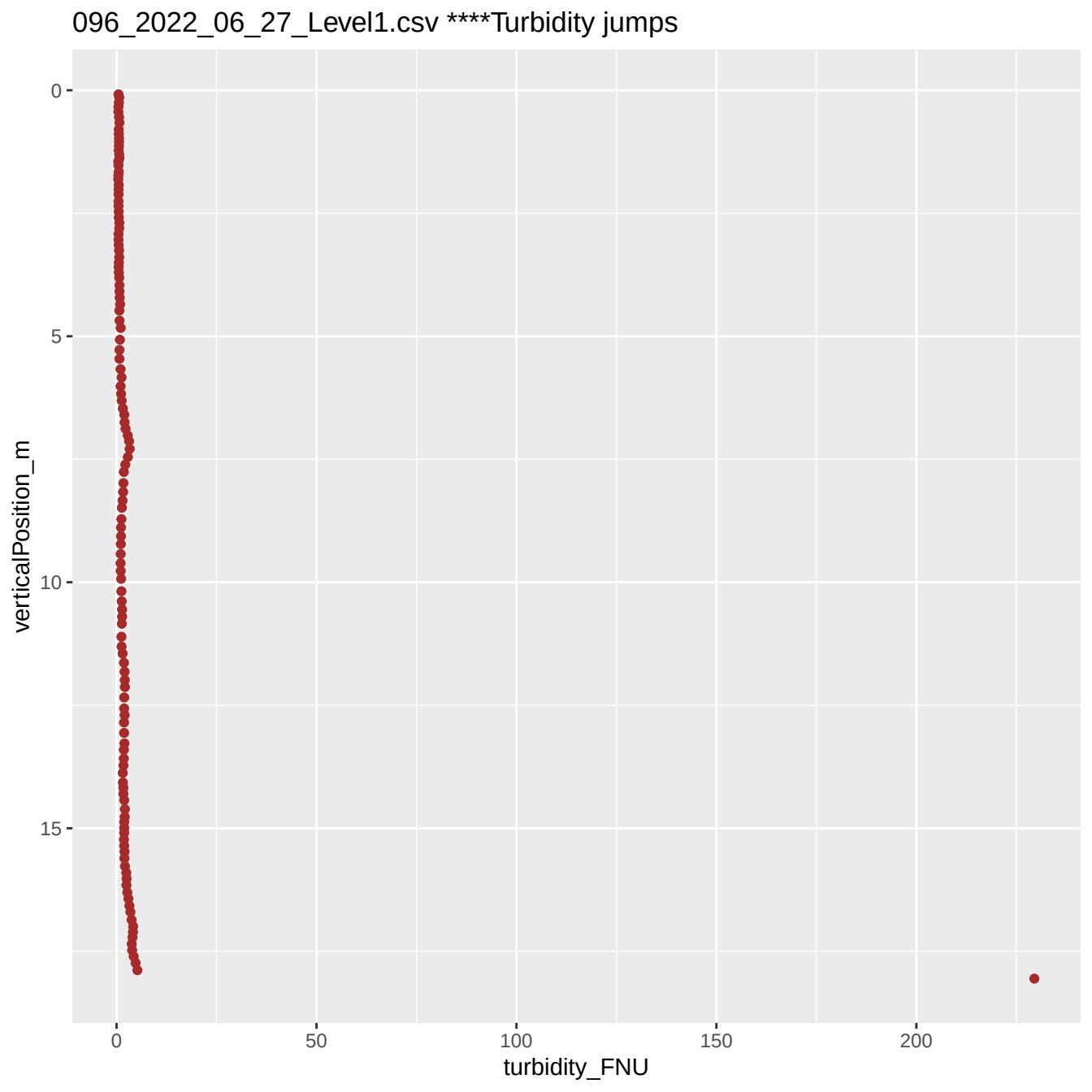

093_2022_08_15_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

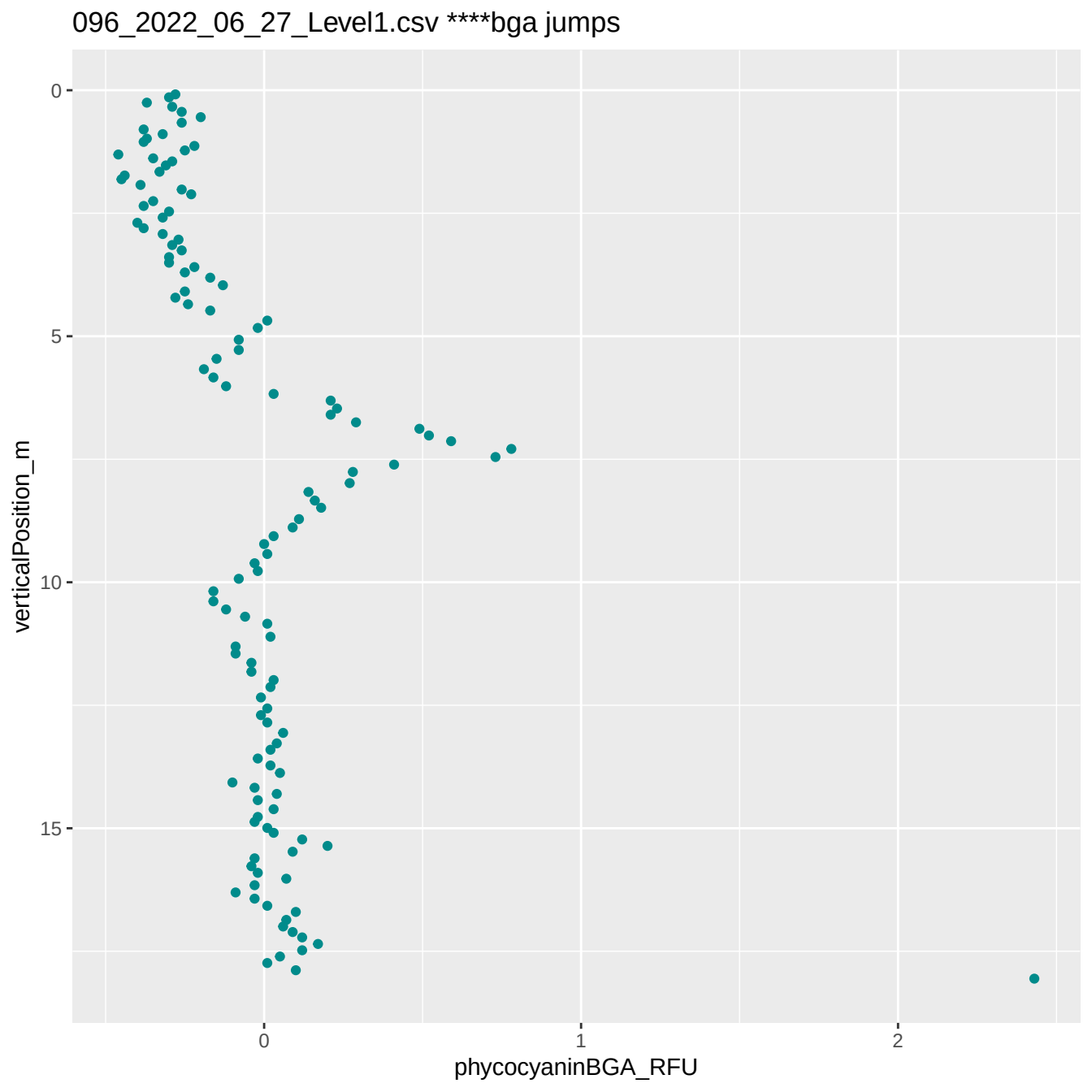

096_2022_06_07_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
15:21:30
15:22:00
15:22:30
15:23:00
15:23:30
dateTime

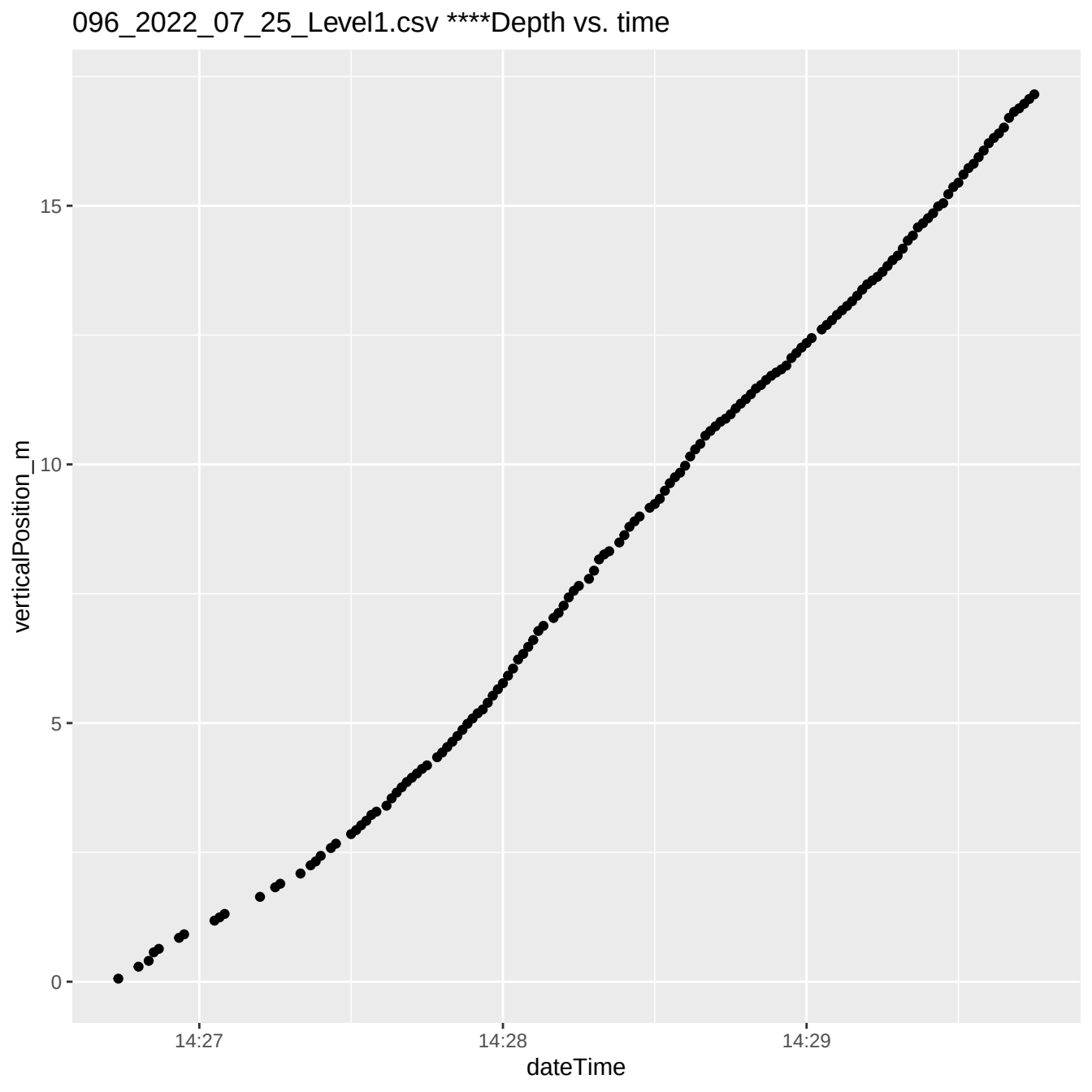

096_2022_06_07_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
turbidity_FNU
0
1
2
3
4
5

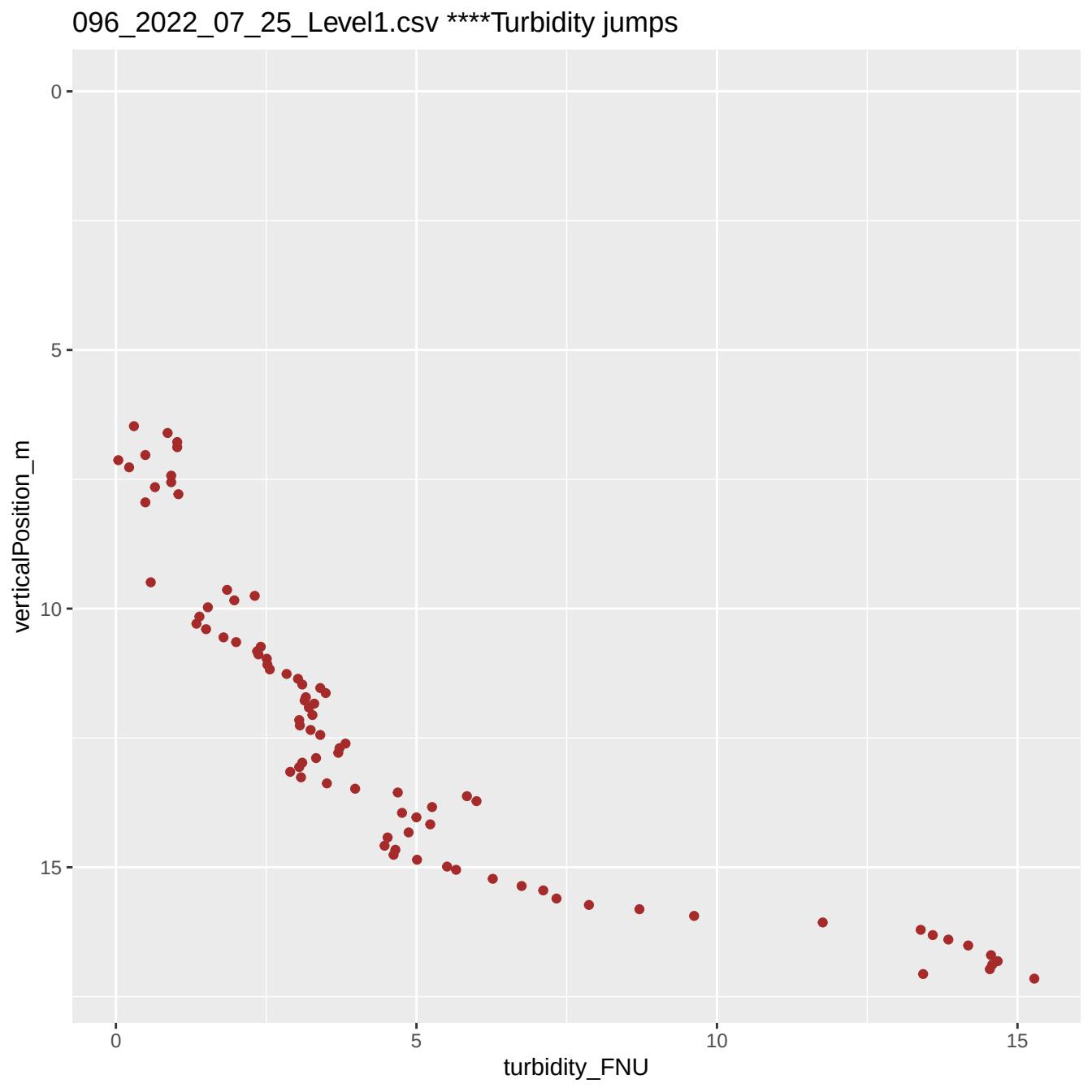

096_2022_06_07_Level1.csv ****bga jumps
0
5
10
15
verticalPosition_m
0.00
0.25
0.50
phycocyaninBGA_RFU

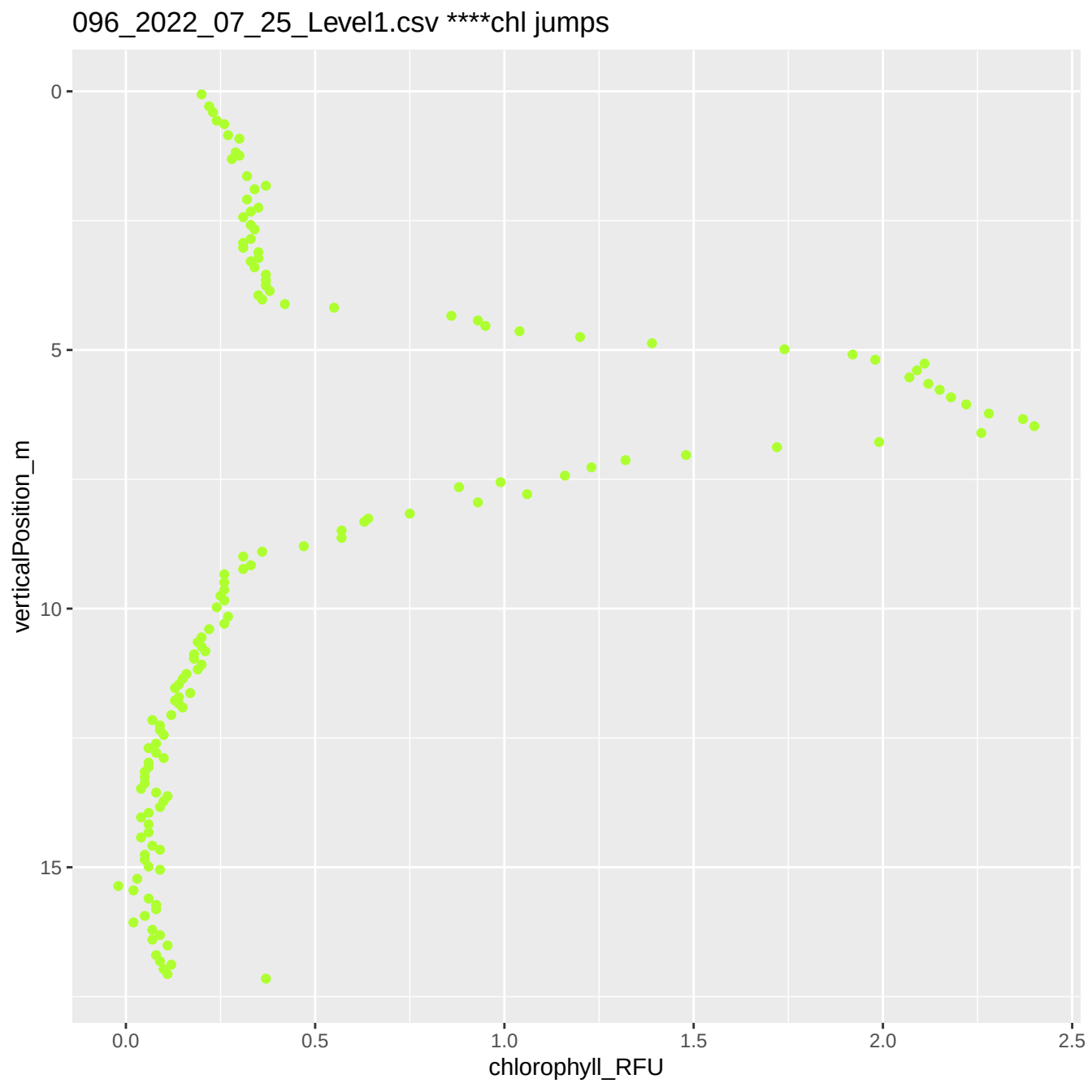

096_2022_06_27_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
17:22:00
17:22:30
17:23:00
17:23:30
17:24:00
dateTime

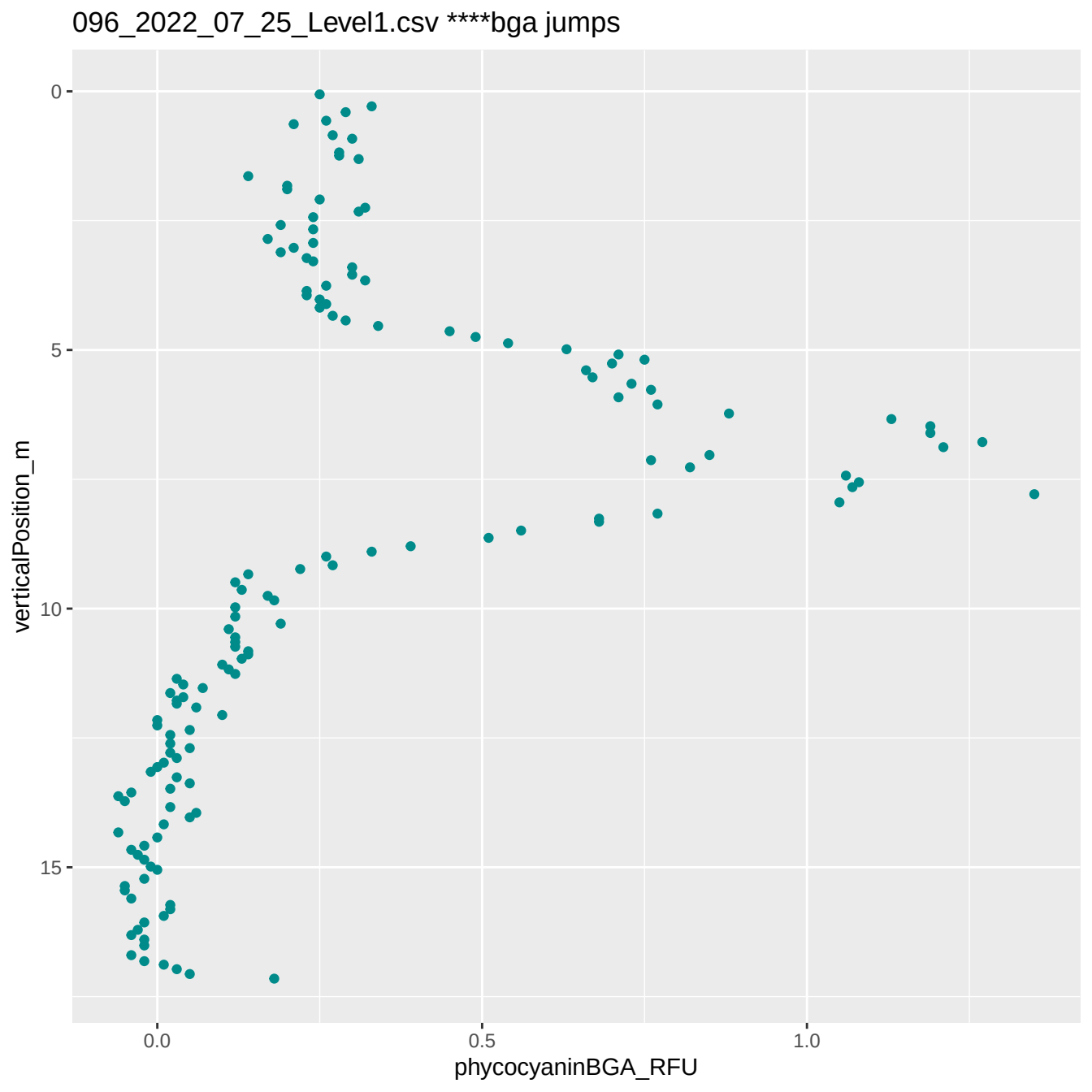

096_2022_06_27_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0
50
100
150
200
turbidity_FNU

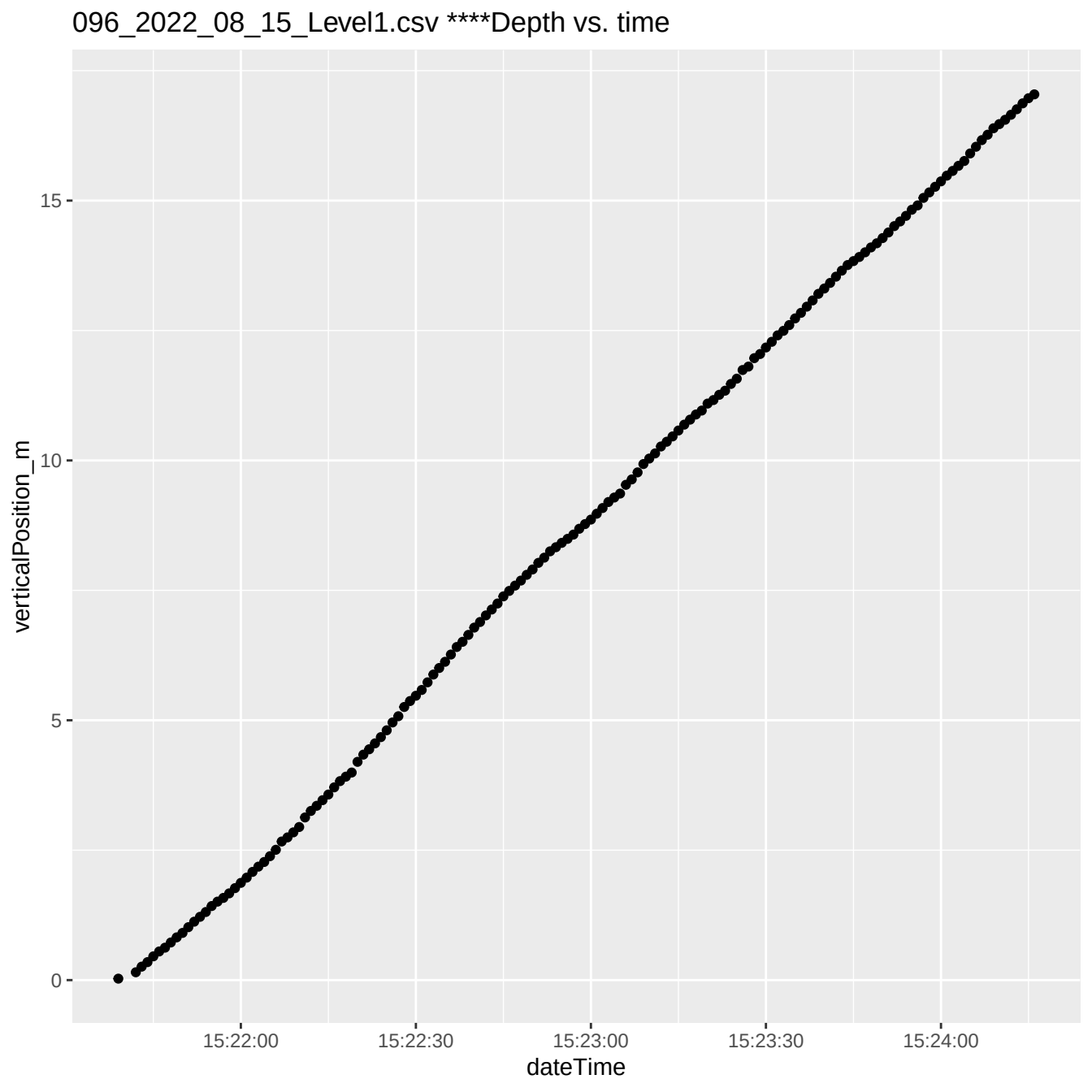

096_2022_06_27_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0
1
2
phycocyaninBGA_RFU

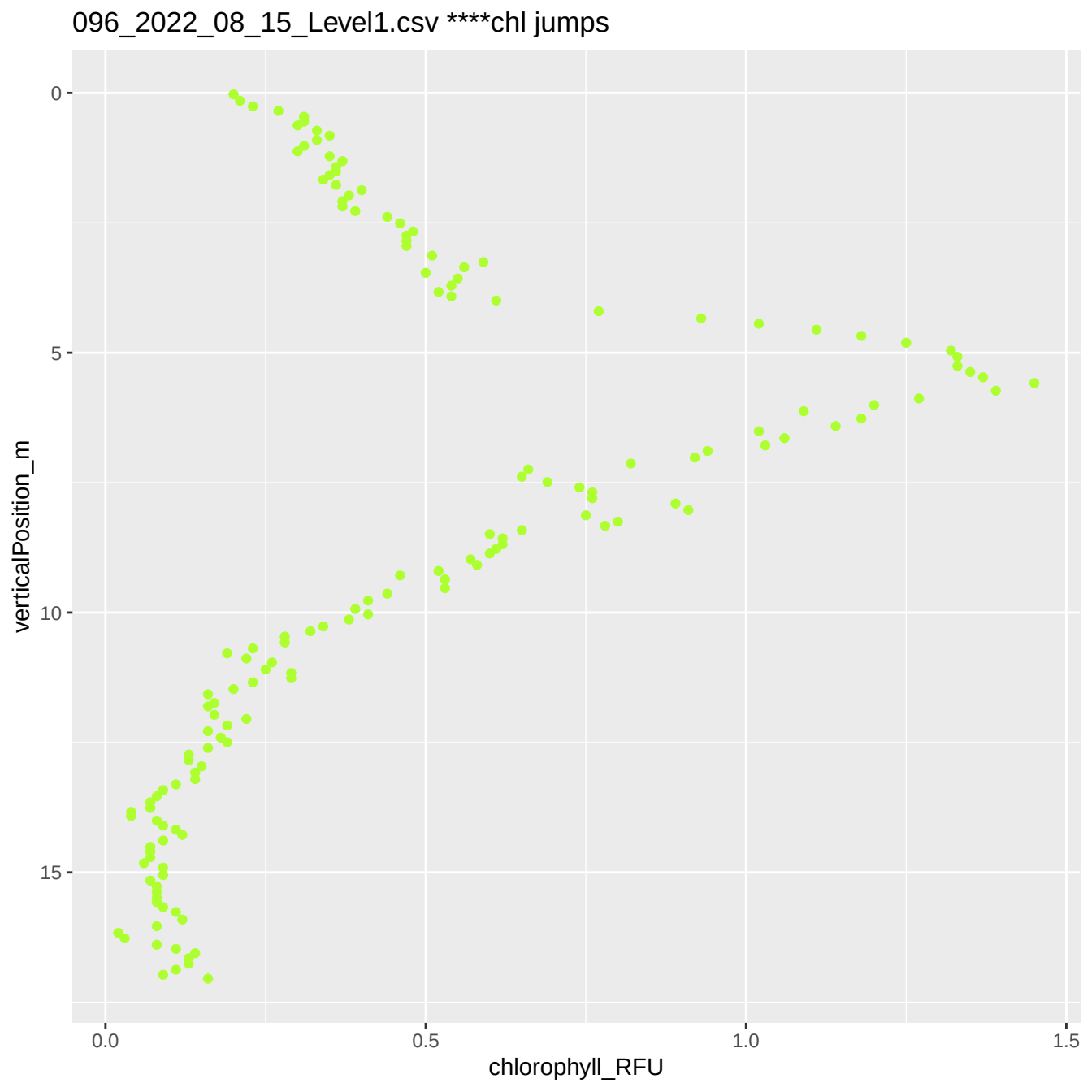

096_2022_07_25_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
14:27
14:28
14:29
dateTime

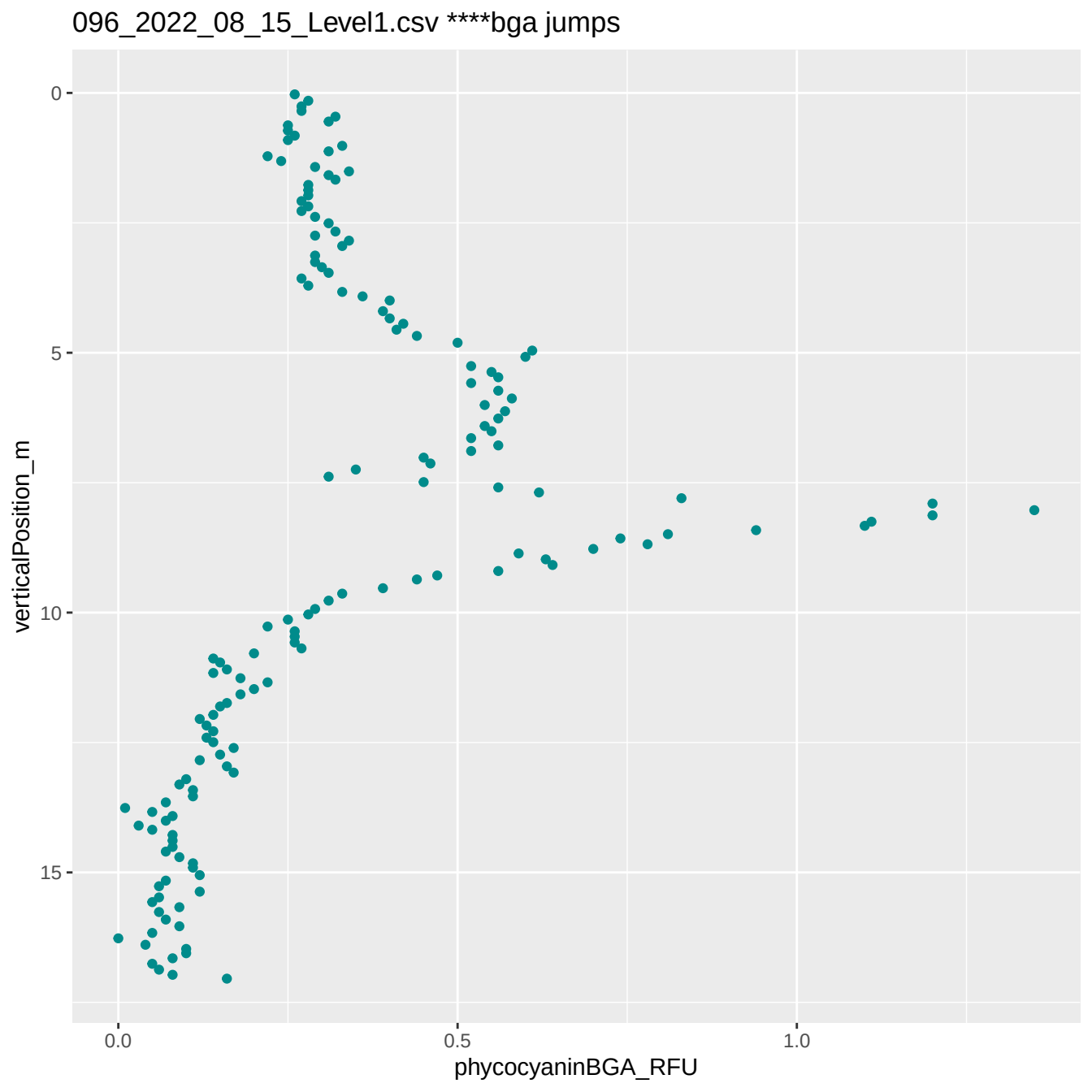

096_2022_07_25_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
turbidity_FNU
0
5
10
15

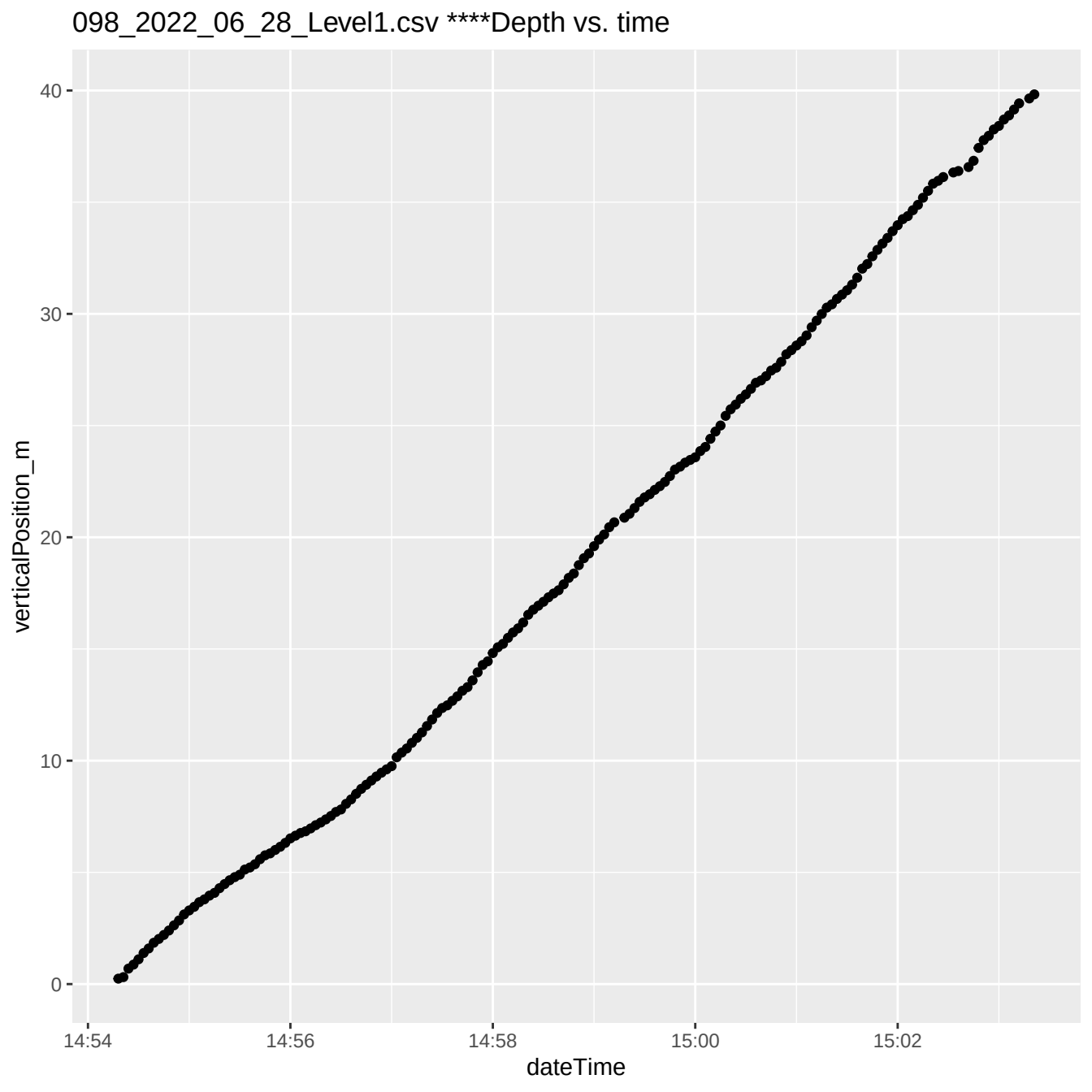

096_2022_07_25_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
1.5
2.0
2.5
chlorophyll_RFU

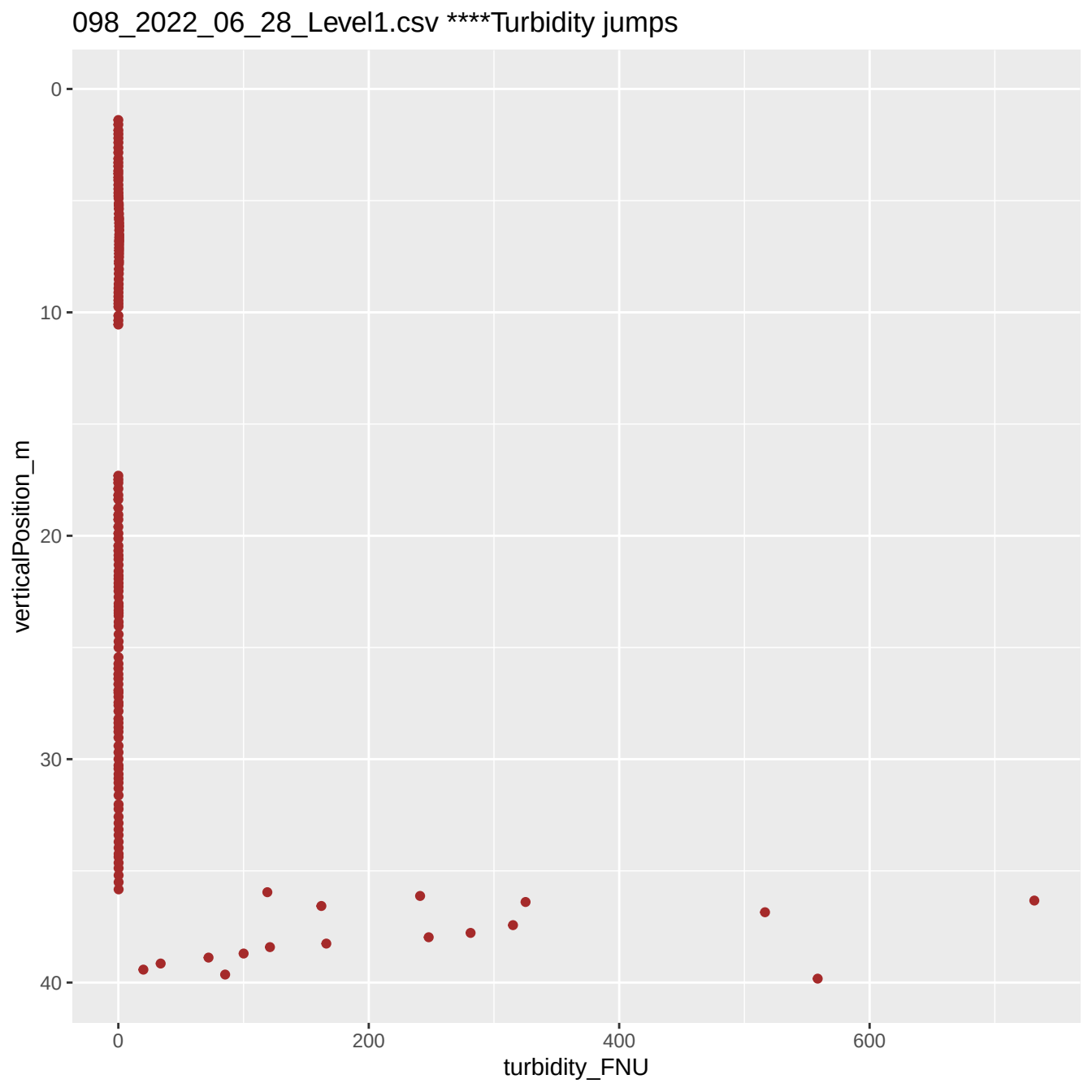

096_2022_07_25_Level1.csv ****bga jumps
0
5
10
15
verticalPosition_m
0.0
0.5
1.0
phycocyaninBGA_RFU

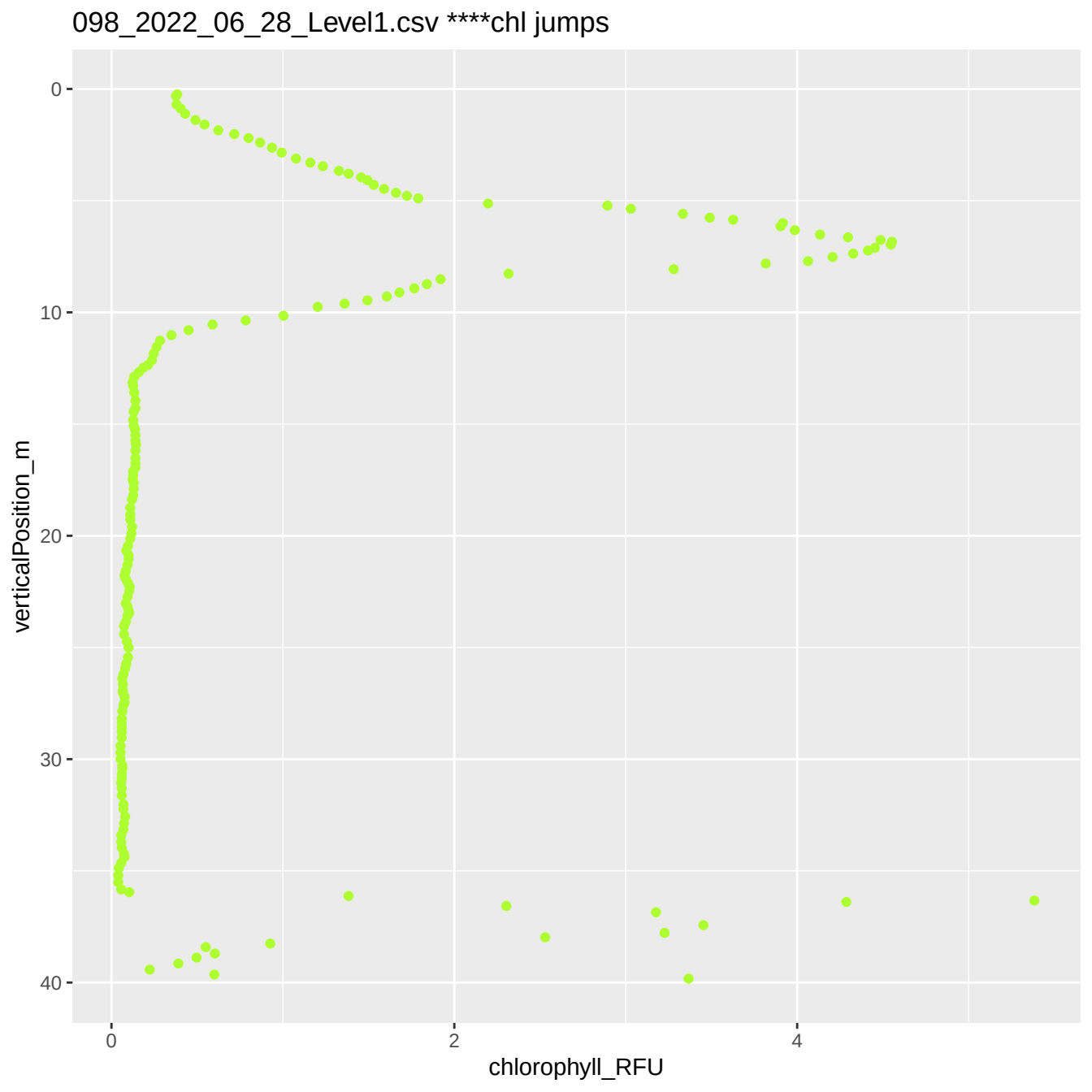

096_2022_08_15_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
15:22:00
15:22:30
15:23:00
15:23:30
15:24:00
dateTime

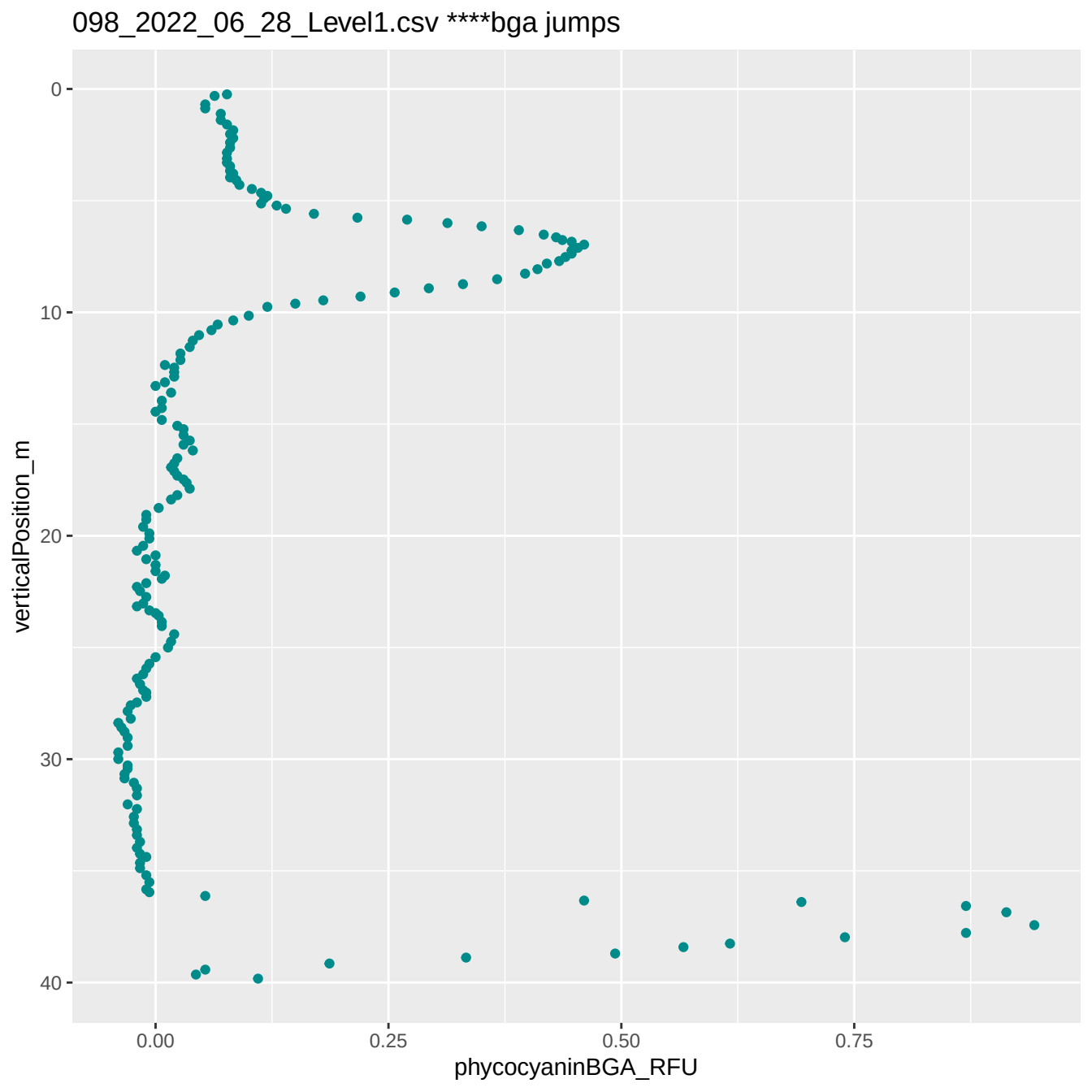

096_2022_08_15_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
1.5
chlorophyll_RFU

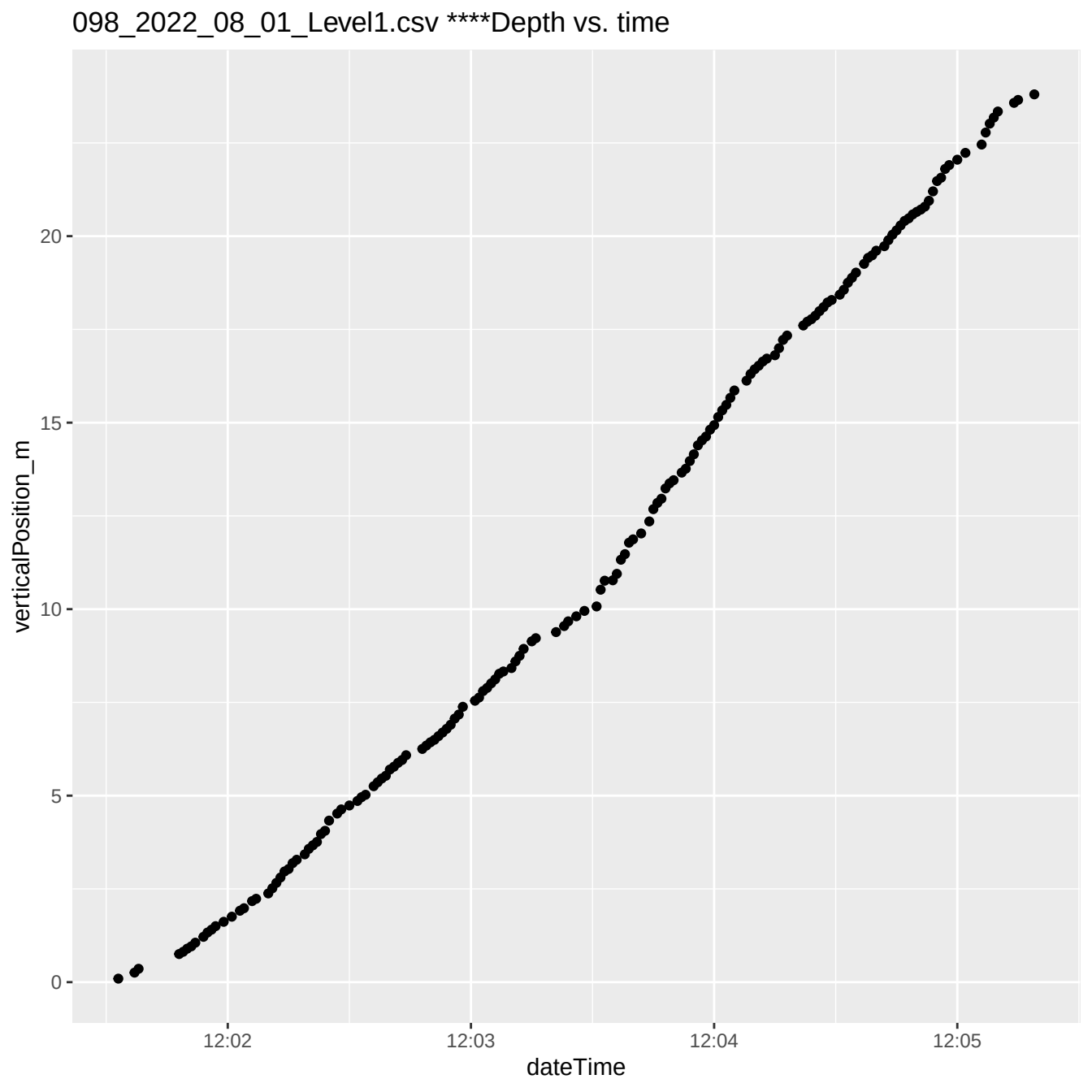

096_2022_08_15_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.5
1.0
phycocyaninBGA_RFU

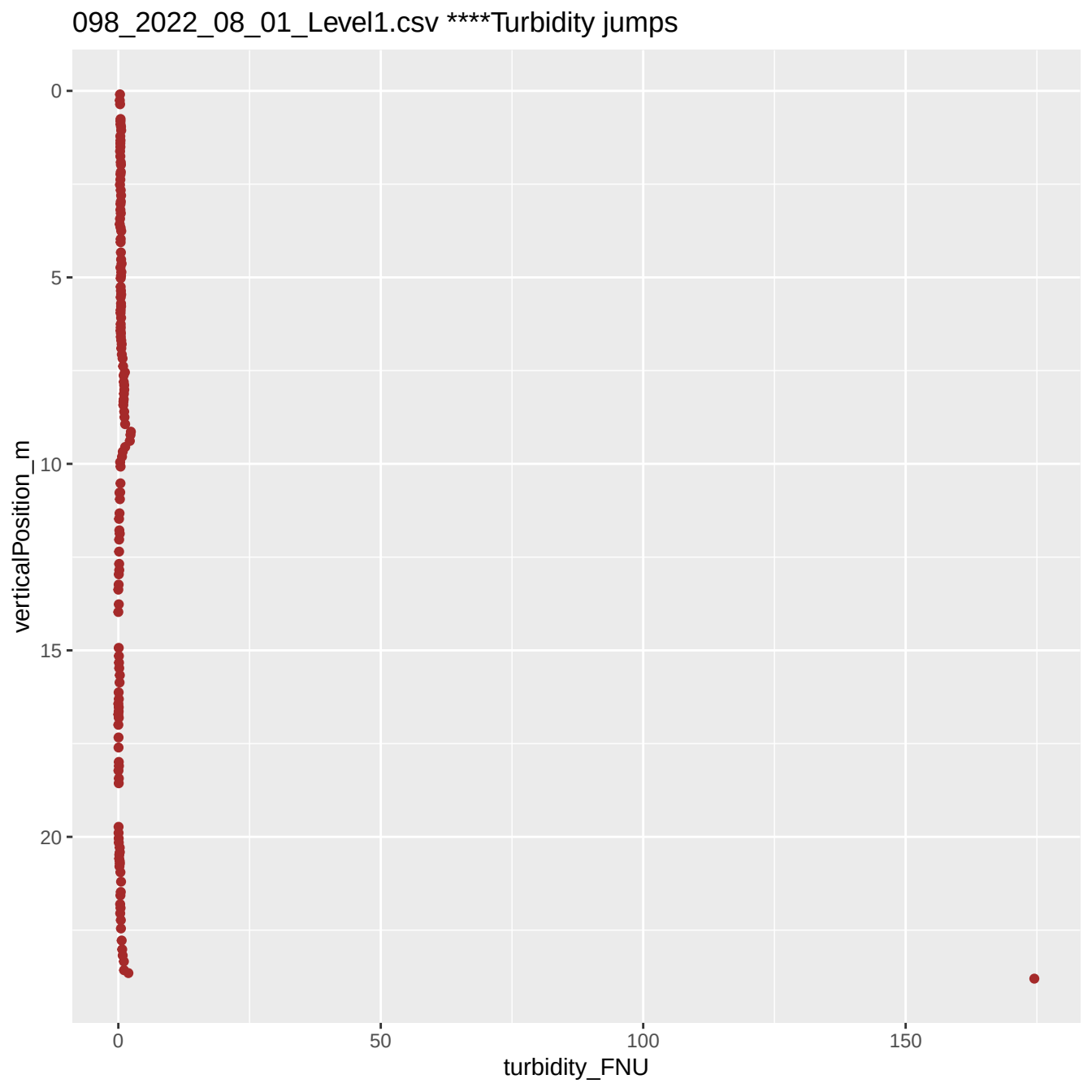

098_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
40
30
20
10
0
14:54
14:56
14:58
15:00
15:02
dateTime

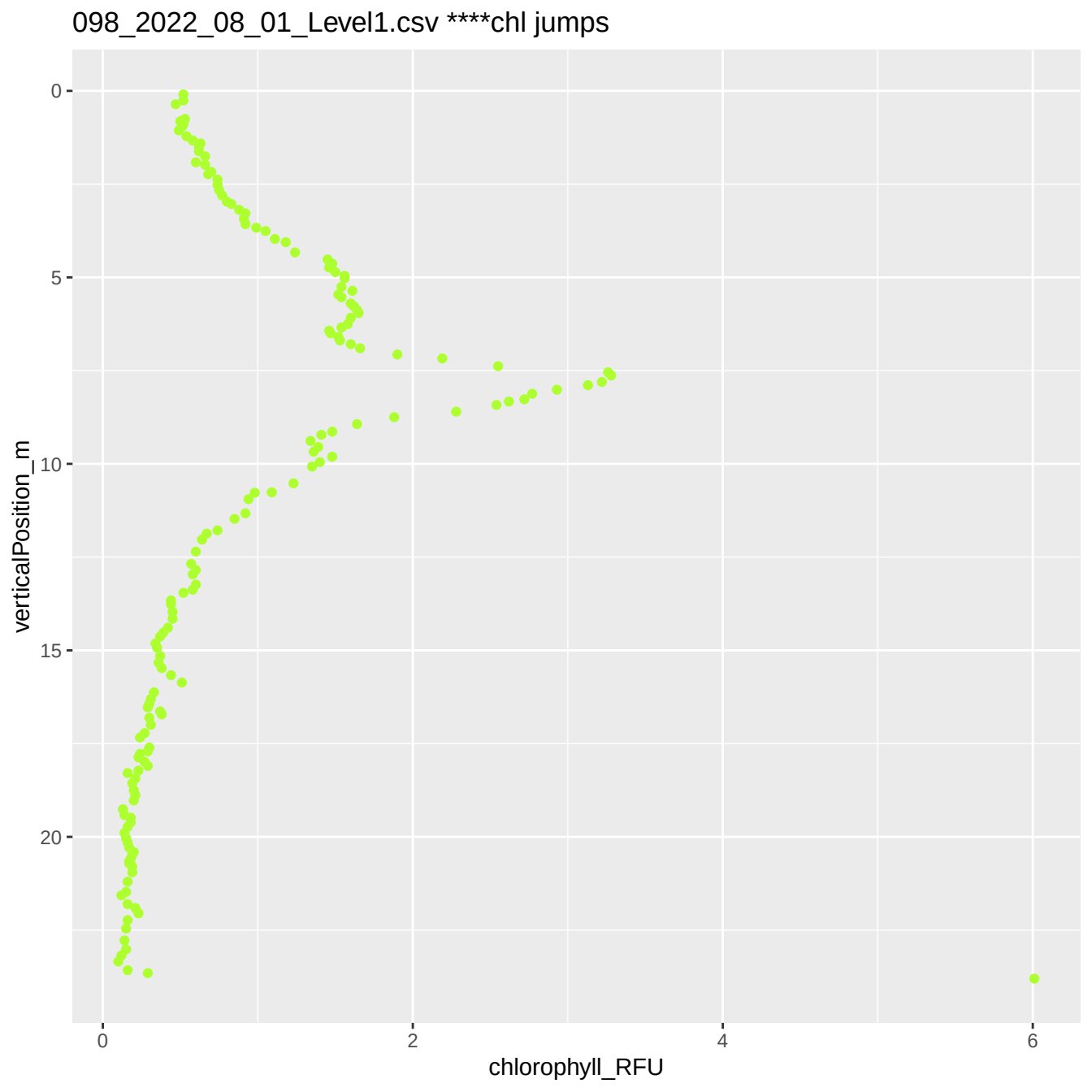

098_2022_06_28_Level1.csv ****Turbidity jumps
verticalPosition_m
0
10
20
30
40
turbidity_FNU
0
200
400
600

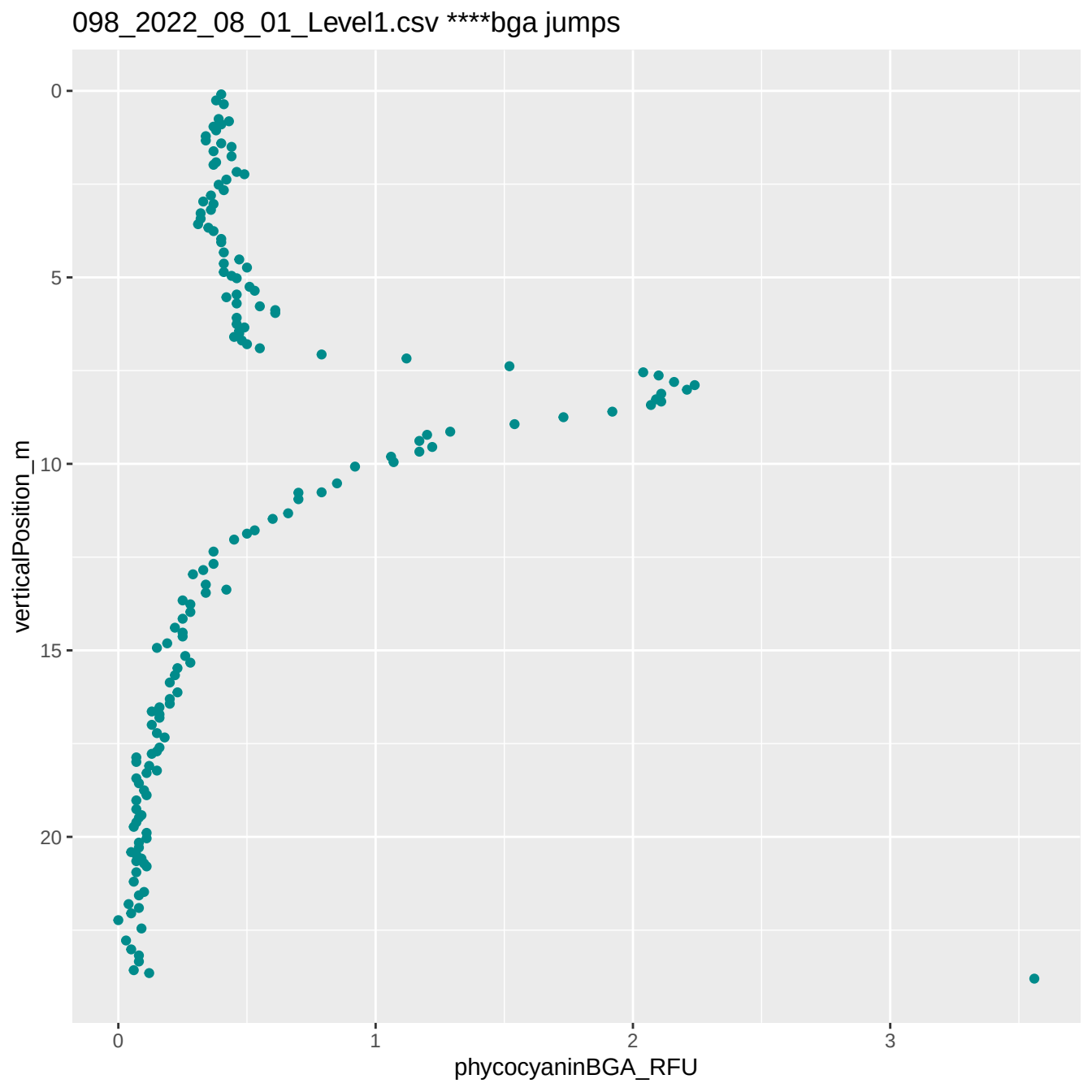

098_2022_06_28_Level1.csv ****chl jumps
verticalPosition_m
0
10
20
30
40
0
2
4
chlorophyll_RFU

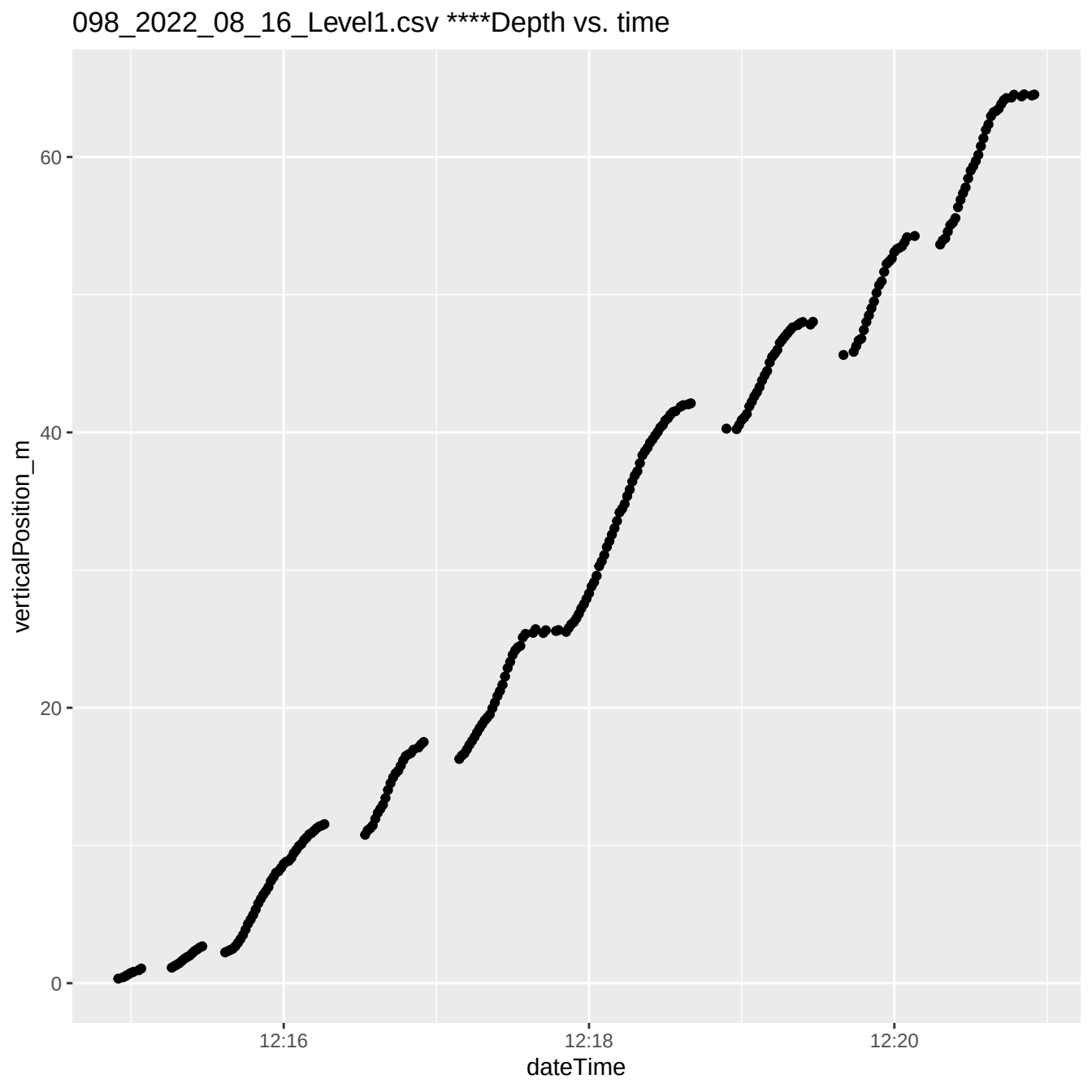

098_2022_06_28_Level1.csv ****bga jumps
verticalPosition_m
0
10
20
30
40
0.00
0.25
0.50
0.75
phycocyaninBGA_RFU

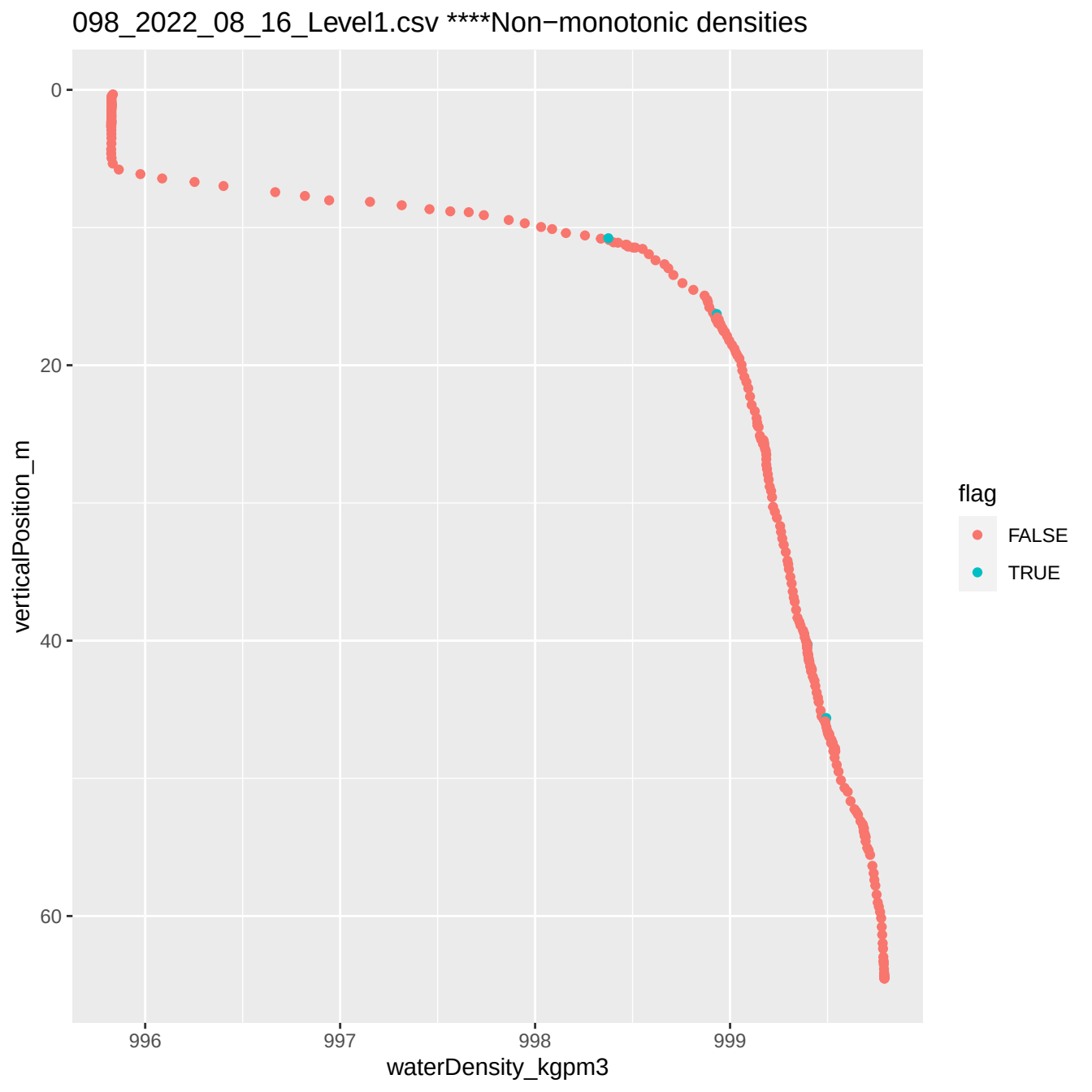

098_2022_08_01_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
12:02
12:03
12:04
12:05
dateTime

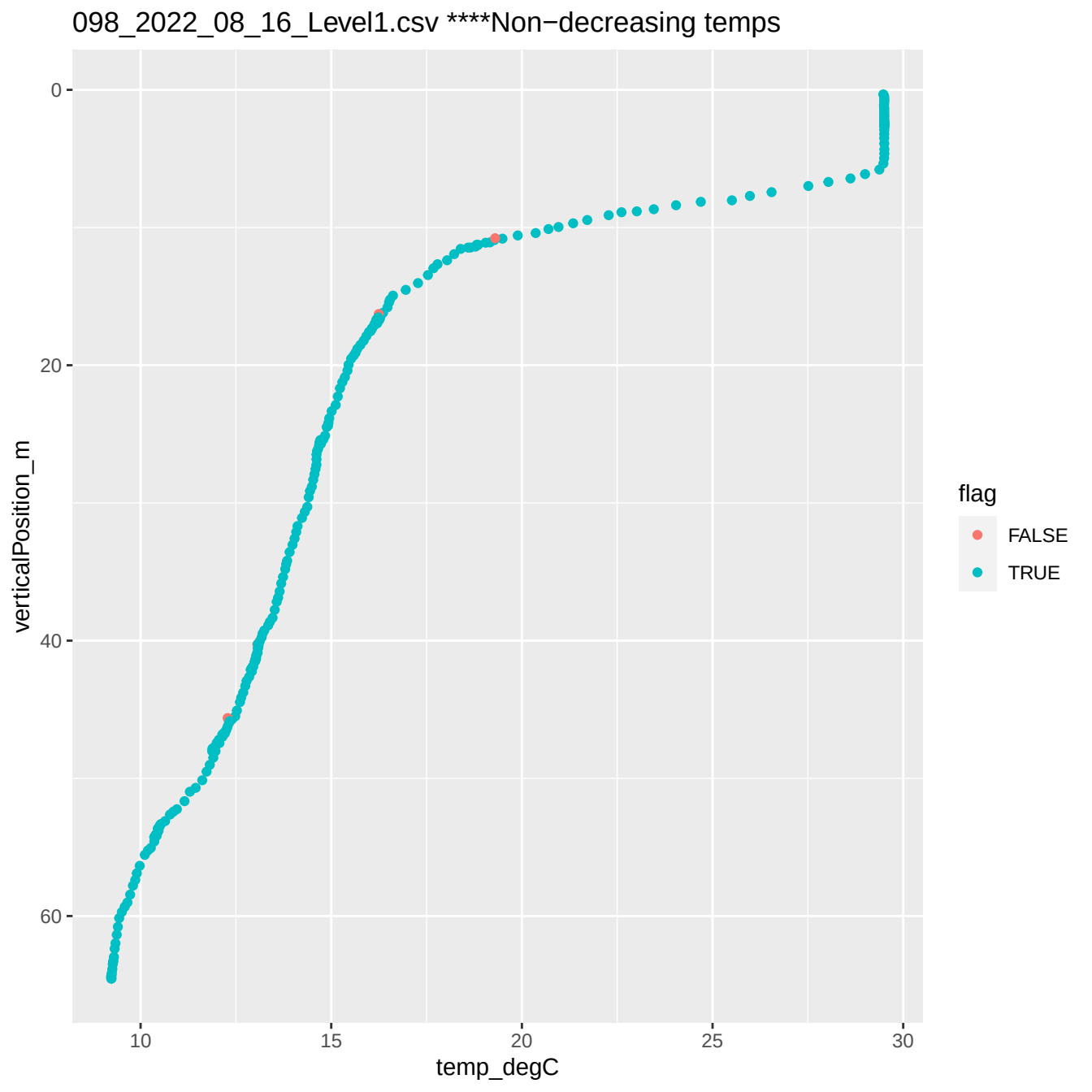

098_2022_08_01_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0
50
100
150
turbidity_FNU

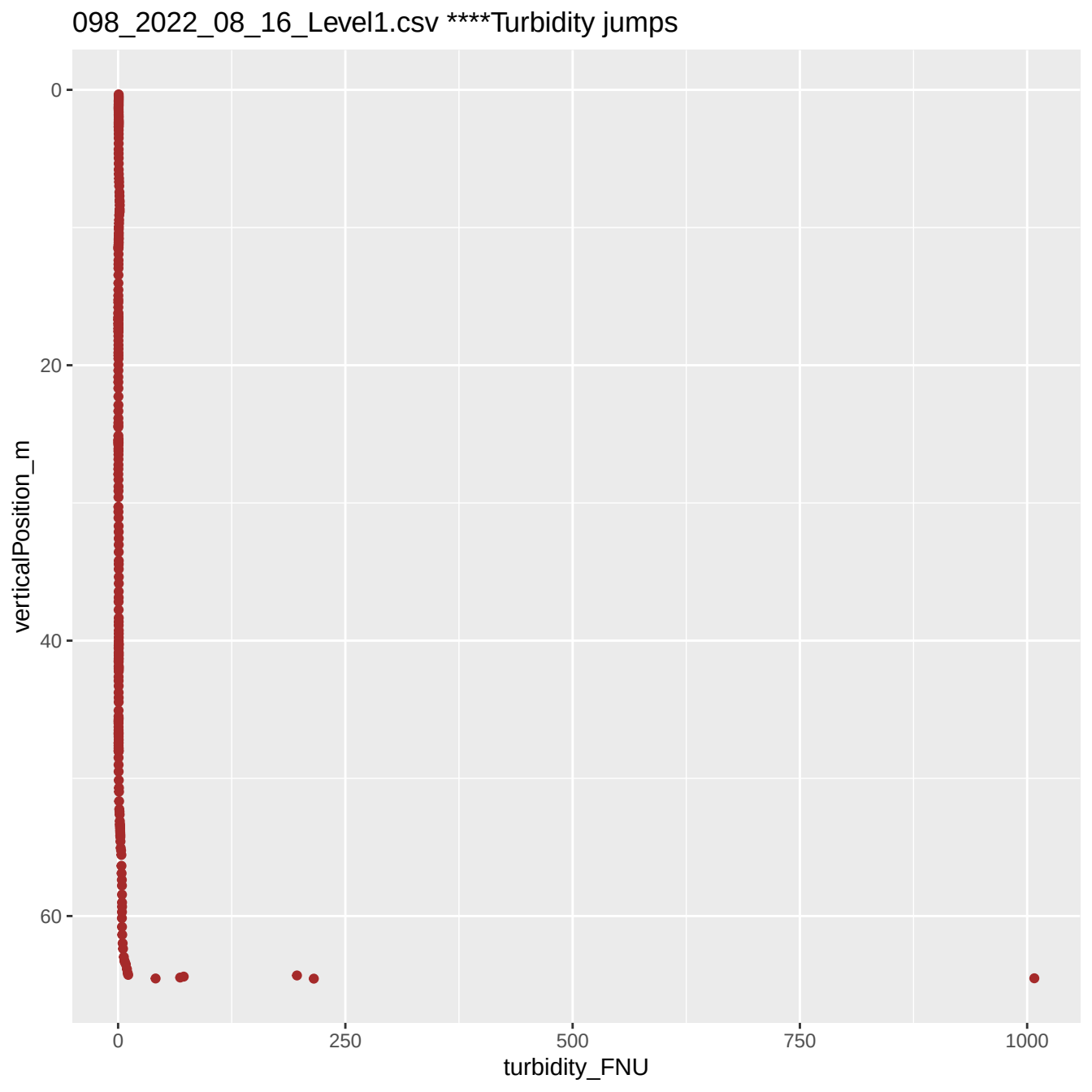

098_2022_08_01_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
20
chlorophyll_RFU
0
2
4
6

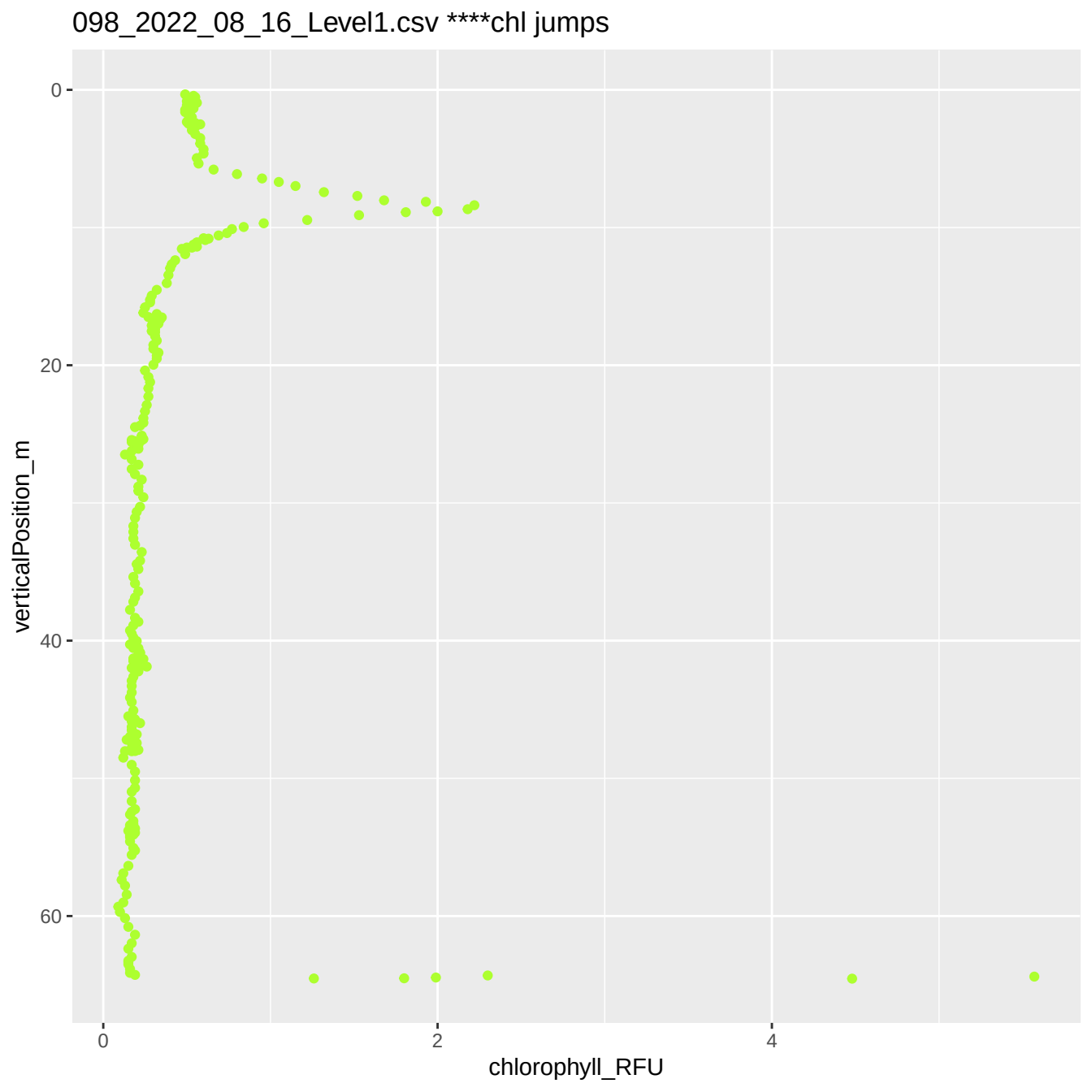

098_2022_08_01_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0
1
2
3
phycocyaninBGA_RFU

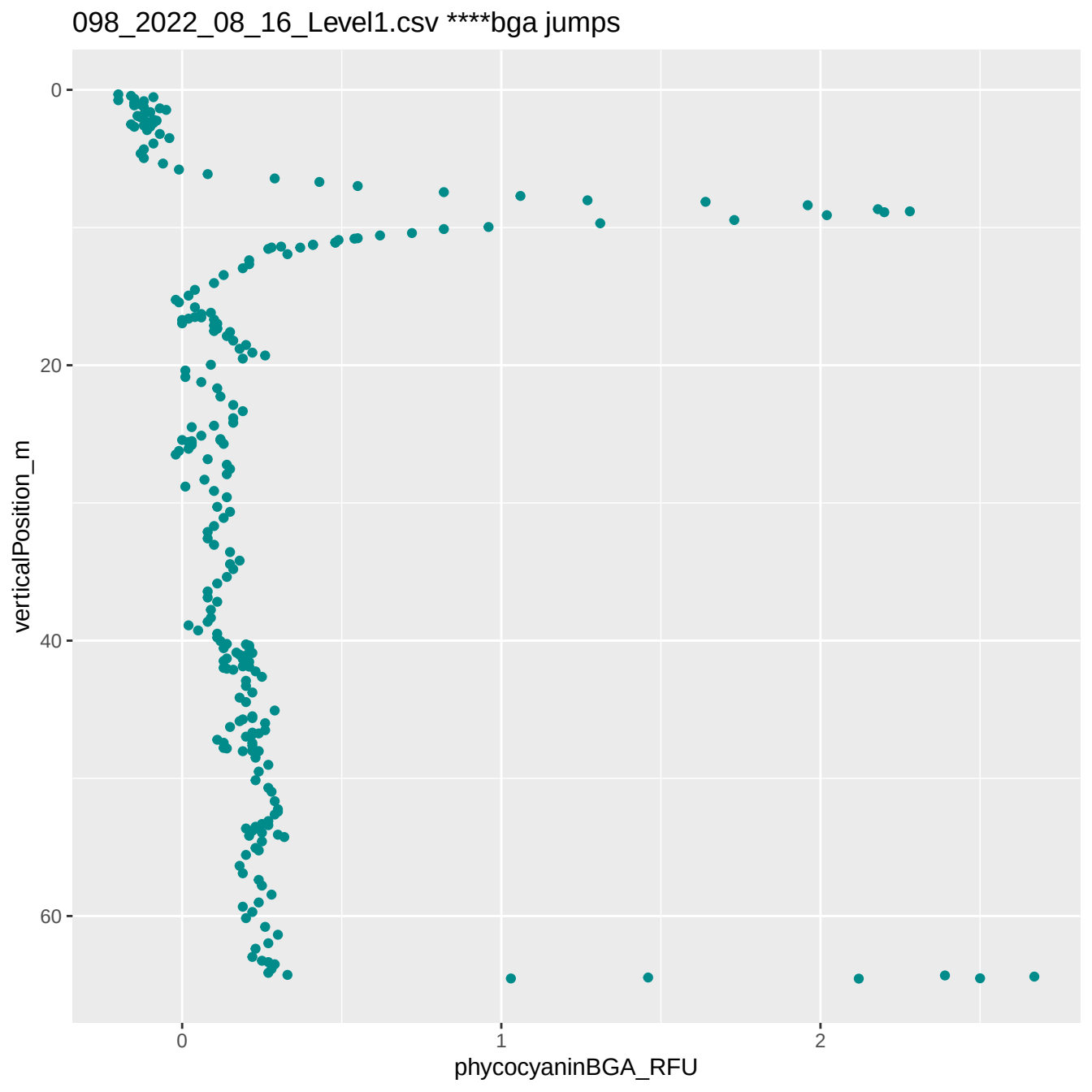

098_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
60
40
20
0
12:16
12:18
12:20
dateTime

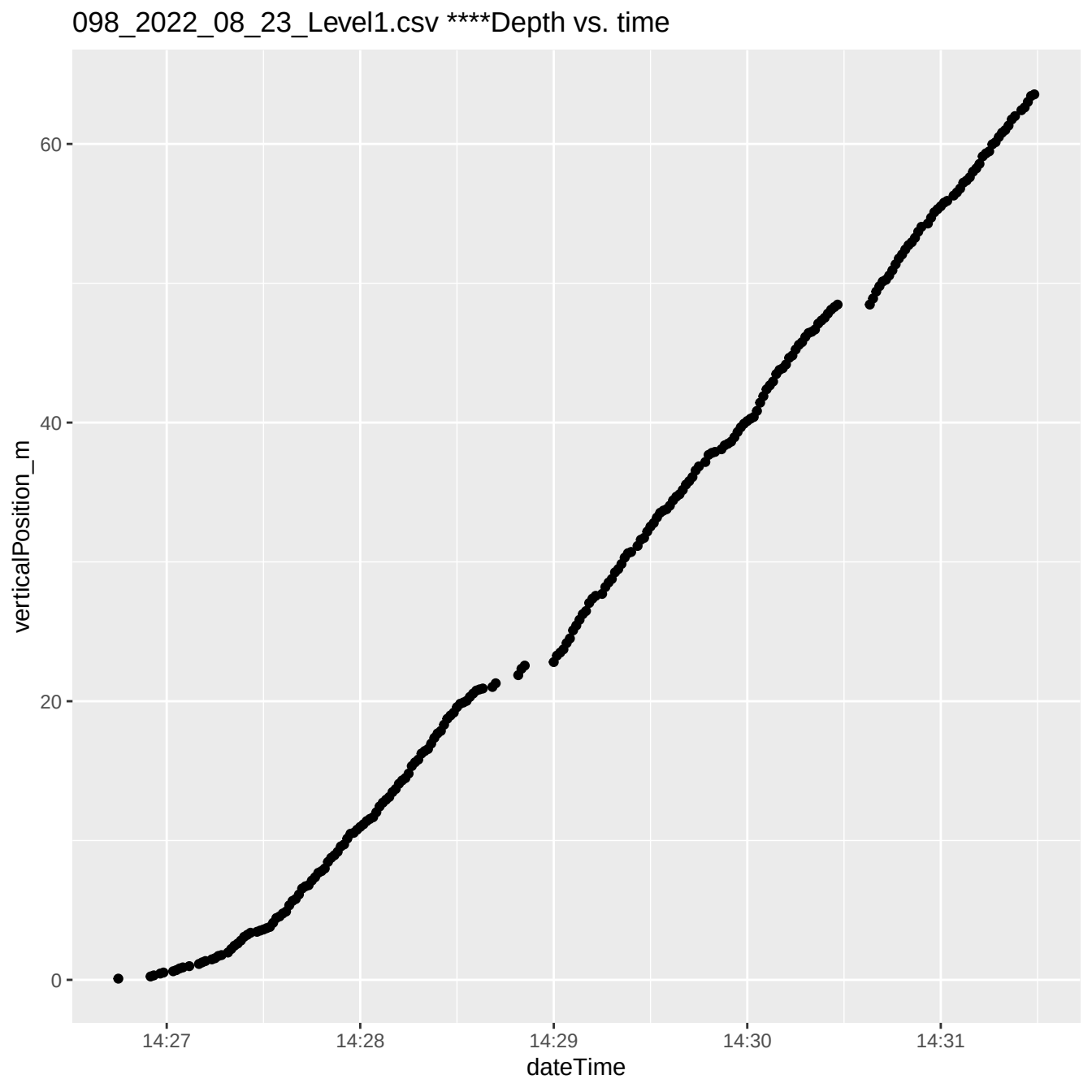

098_2022_08_16_Level1.csv ****Non−monotonic densities
0
20
40
60
verticalPosition_m
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

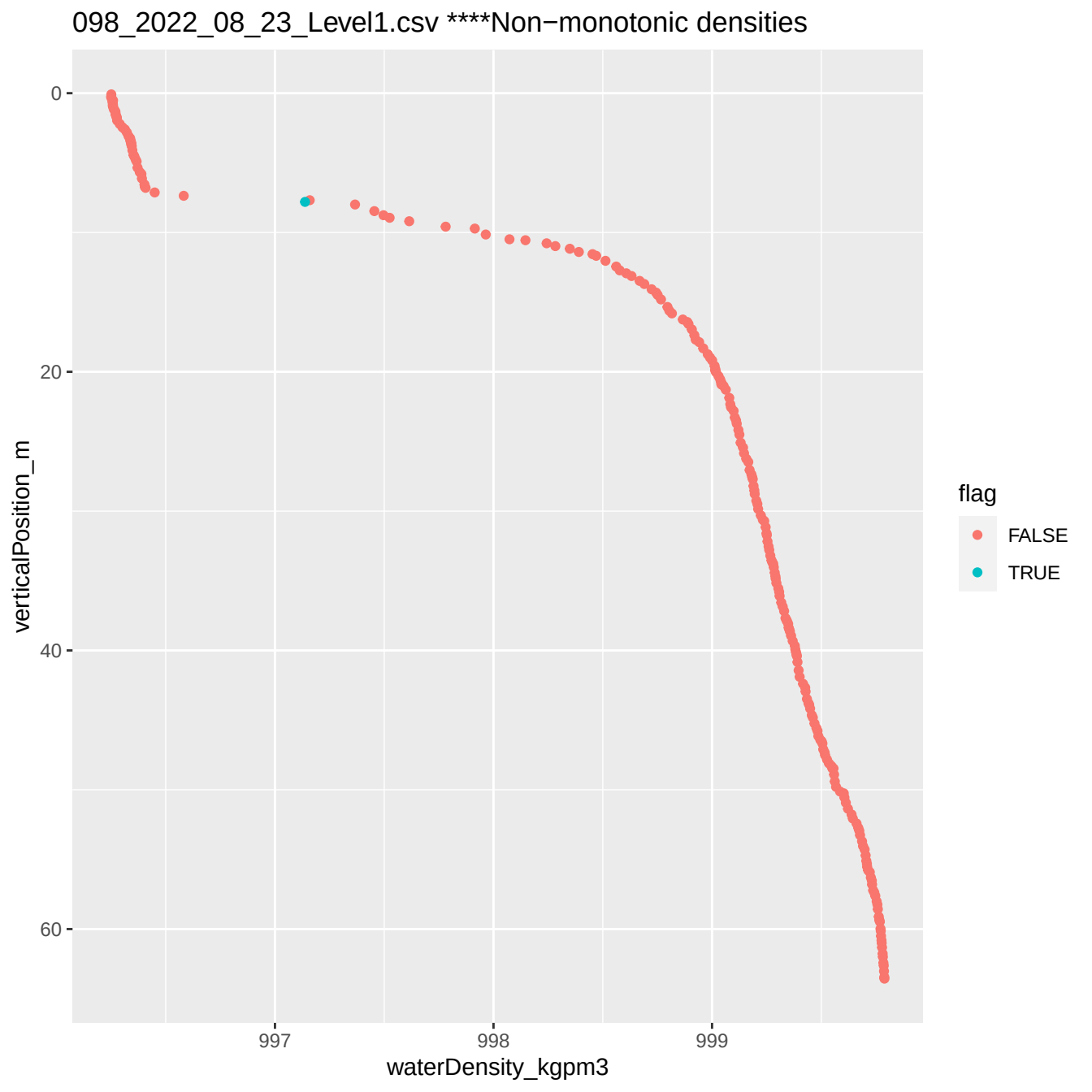

098_2022_08_16_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
20
40
60
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

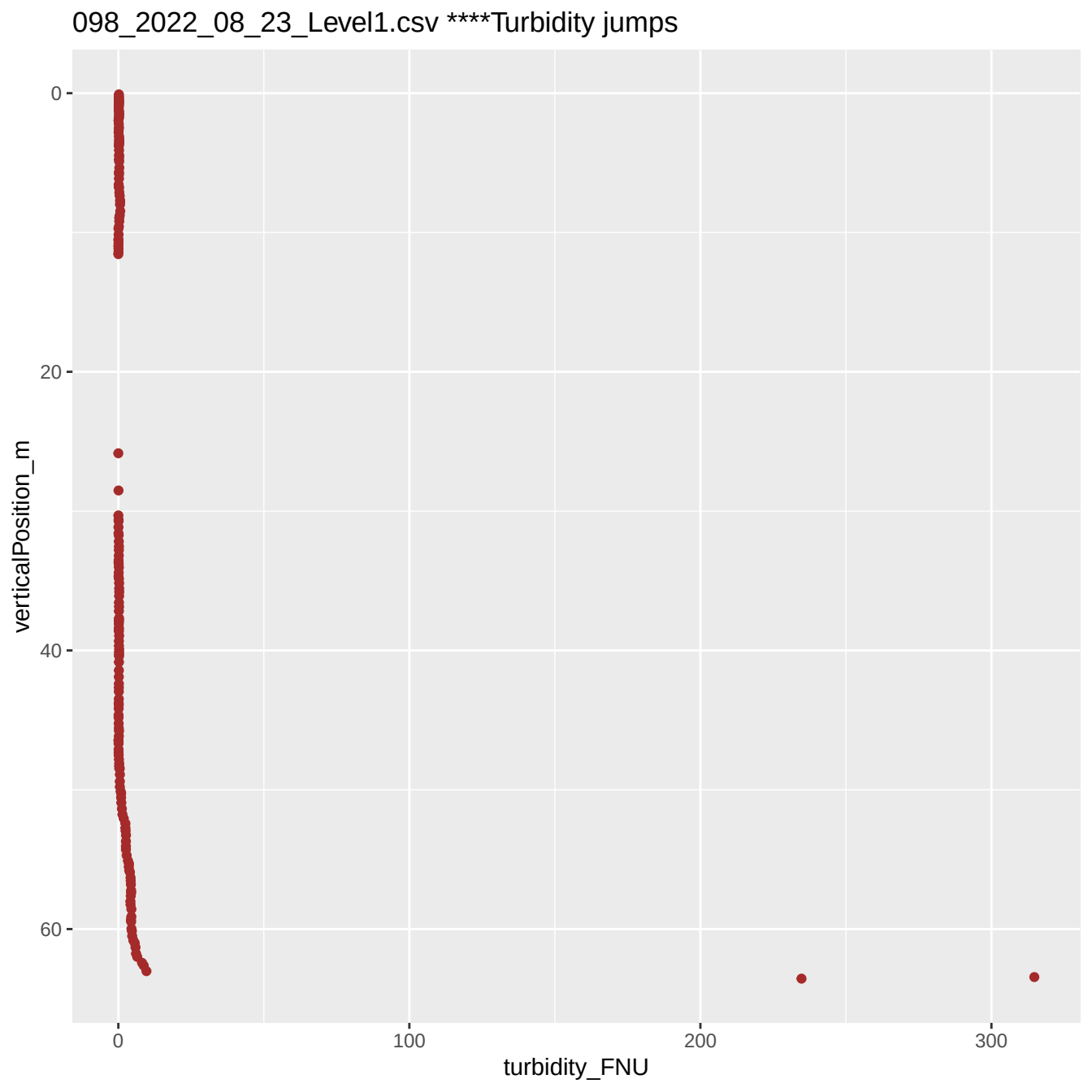

098_2022_08_16_Level1.csv ****Turbidity jumps
0
20
40
60
verticalPosition_m
0
250
500
750
1000
turbidity_FNU

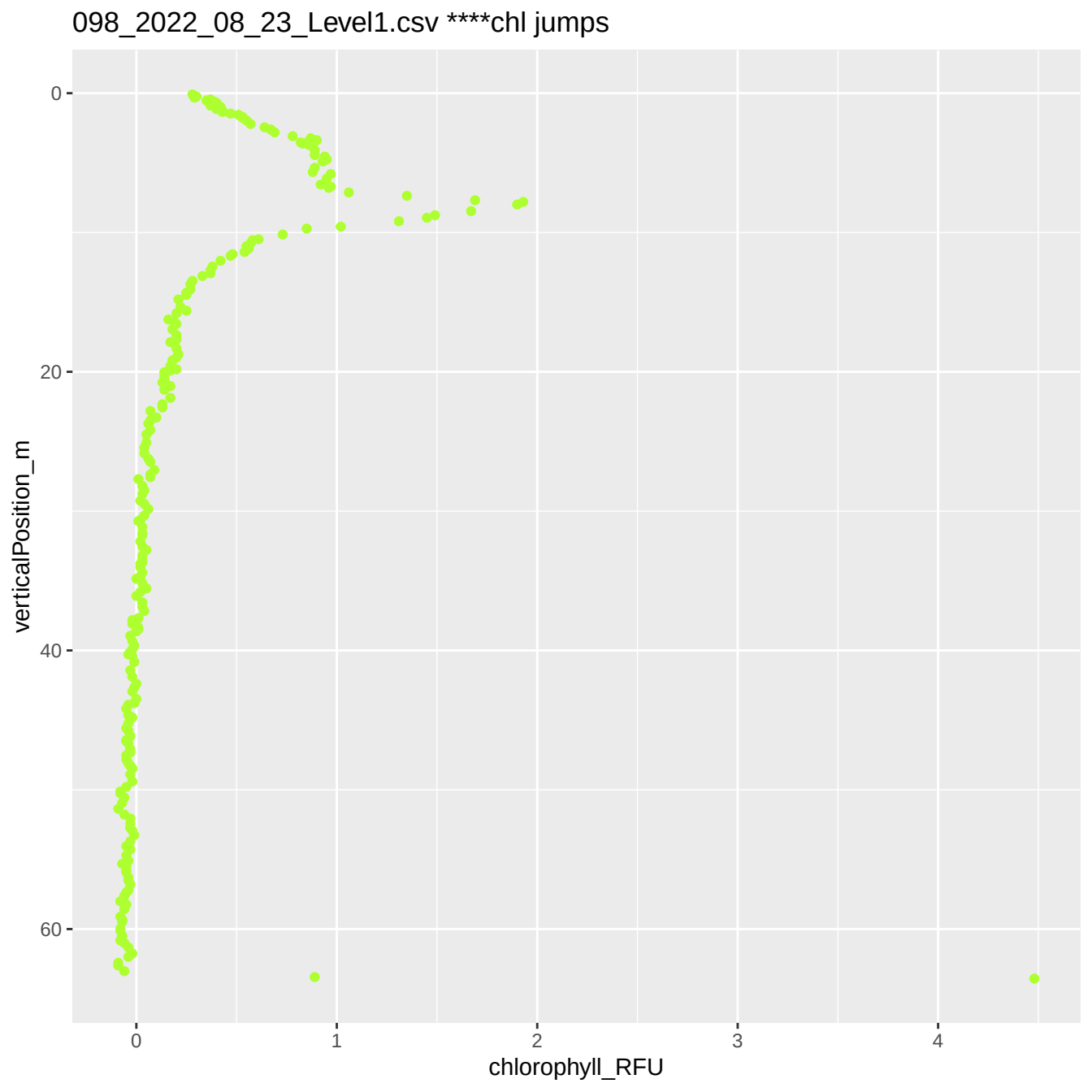

098_2022_08_16_Level1.csv ****chl jumps
verticalPosition_m
0
20
40
60
0
2
4
chlorophyll_RFU

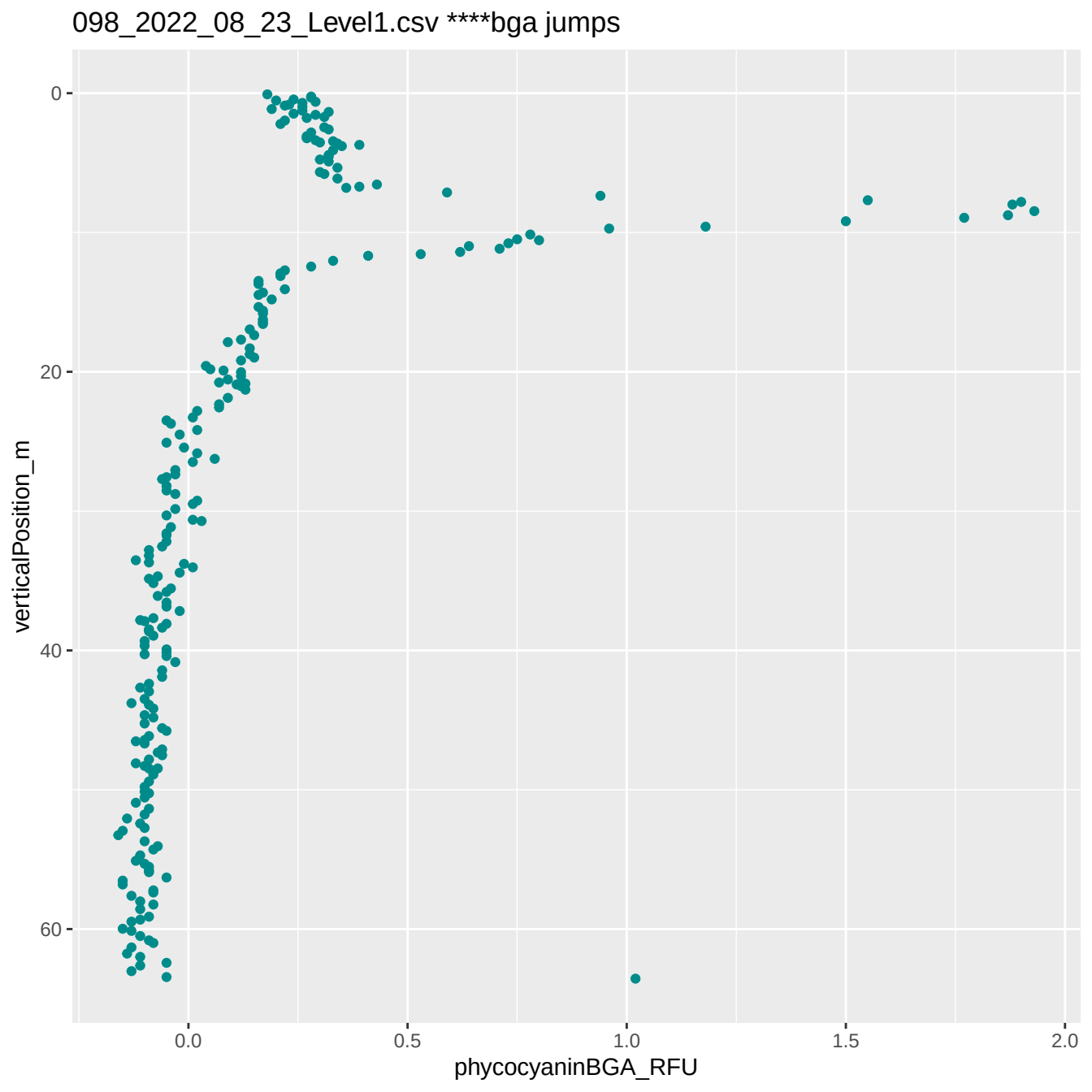

098_2022_08_16_Level1.csv ****bga jumps
0
20
40
60
verticalPosition_m
0
1
2
phycocyaninBGA_RFU

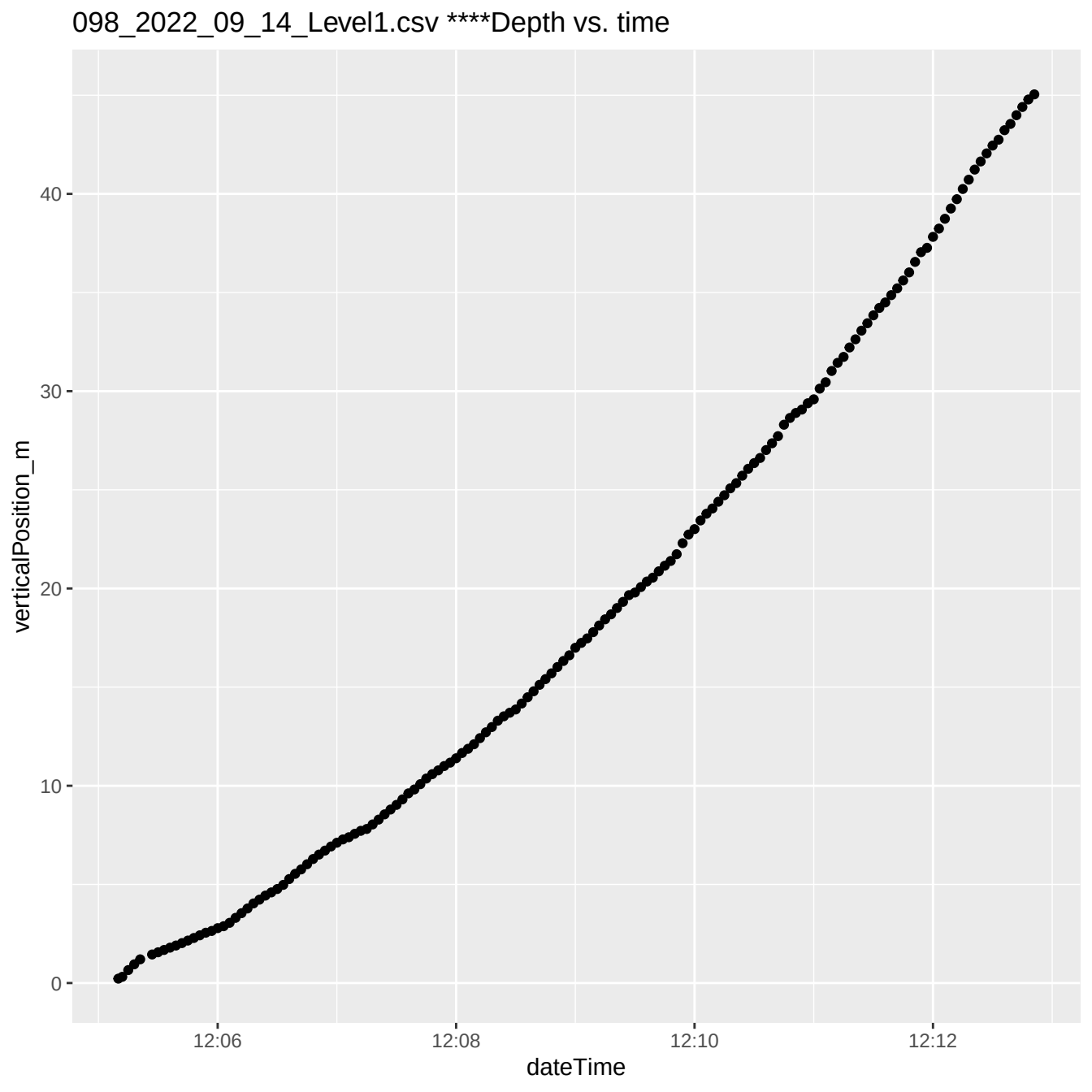

098_2022_08_23_Level1.csv ****Depth vs. time
verticalPosition_m
60
40
20
0
14:27
14:28
14:29
14:30
14:31
dateTime

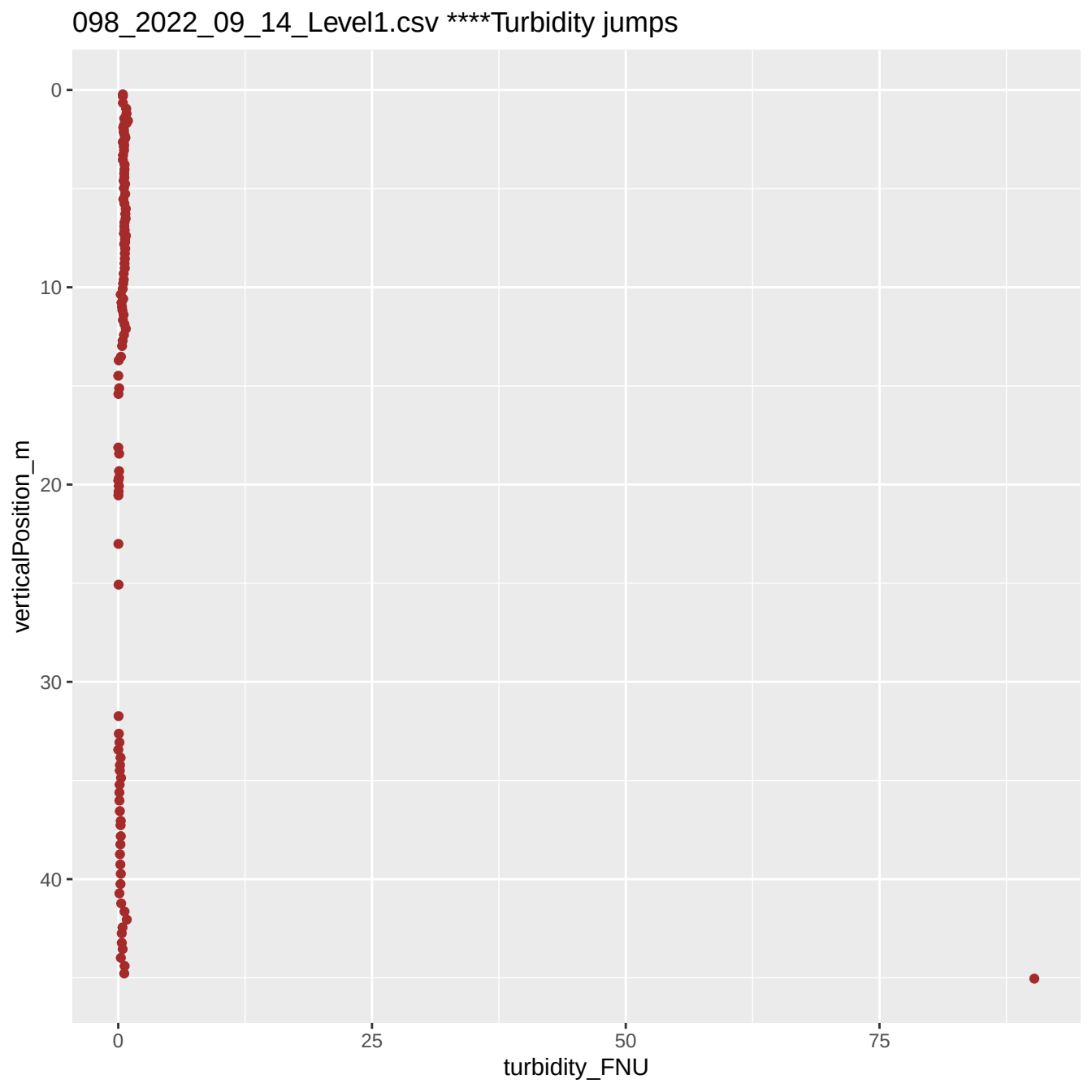

098_2022_08_23_Level1.csv ****Non−monotonic densities
0
20
40
60
verticalPosition_m
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

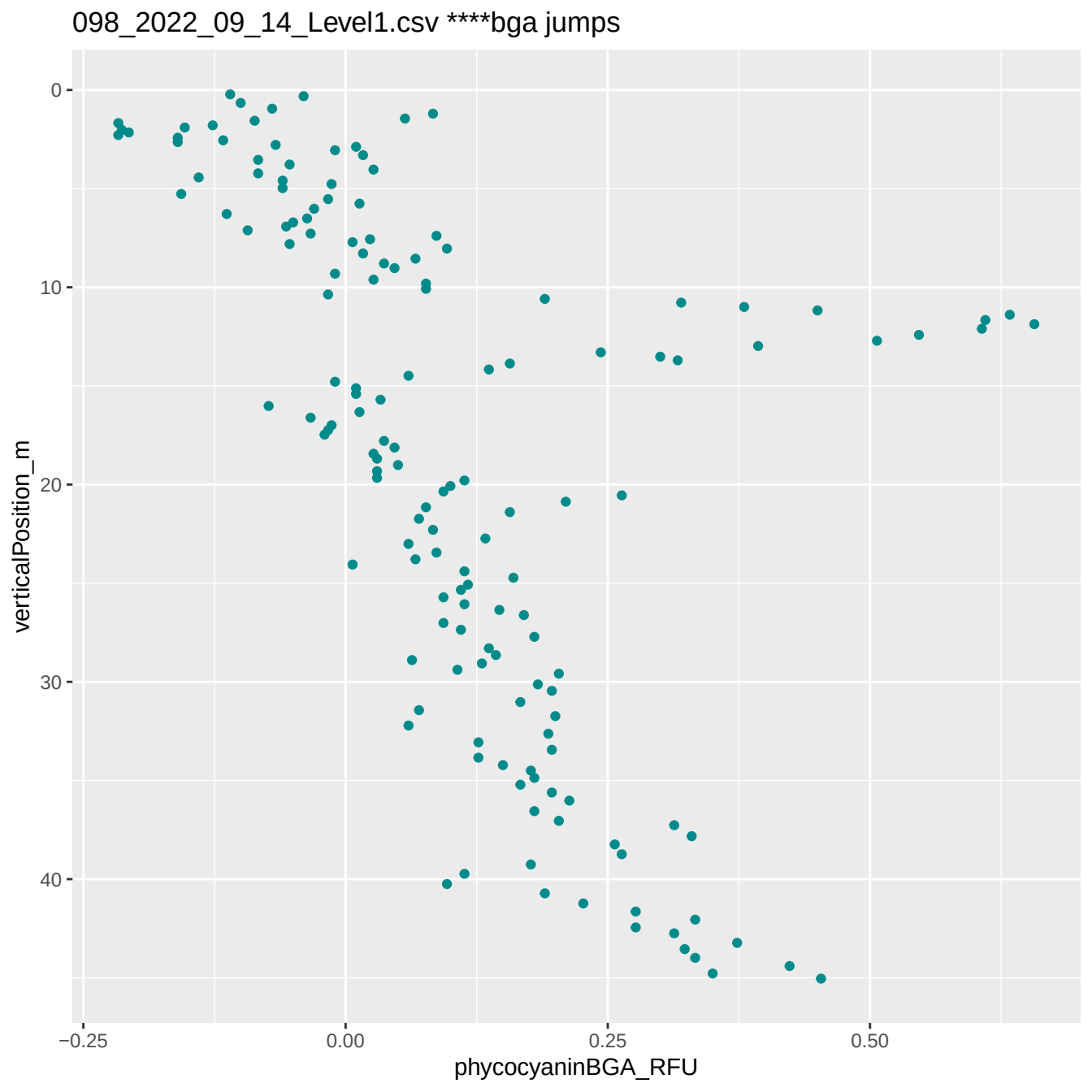

098_2022_08_23_Level1.csv ****Turbidity jumps
verticalPosition_m
0
20
40
60
turbidity_FNU
0
100
200
300

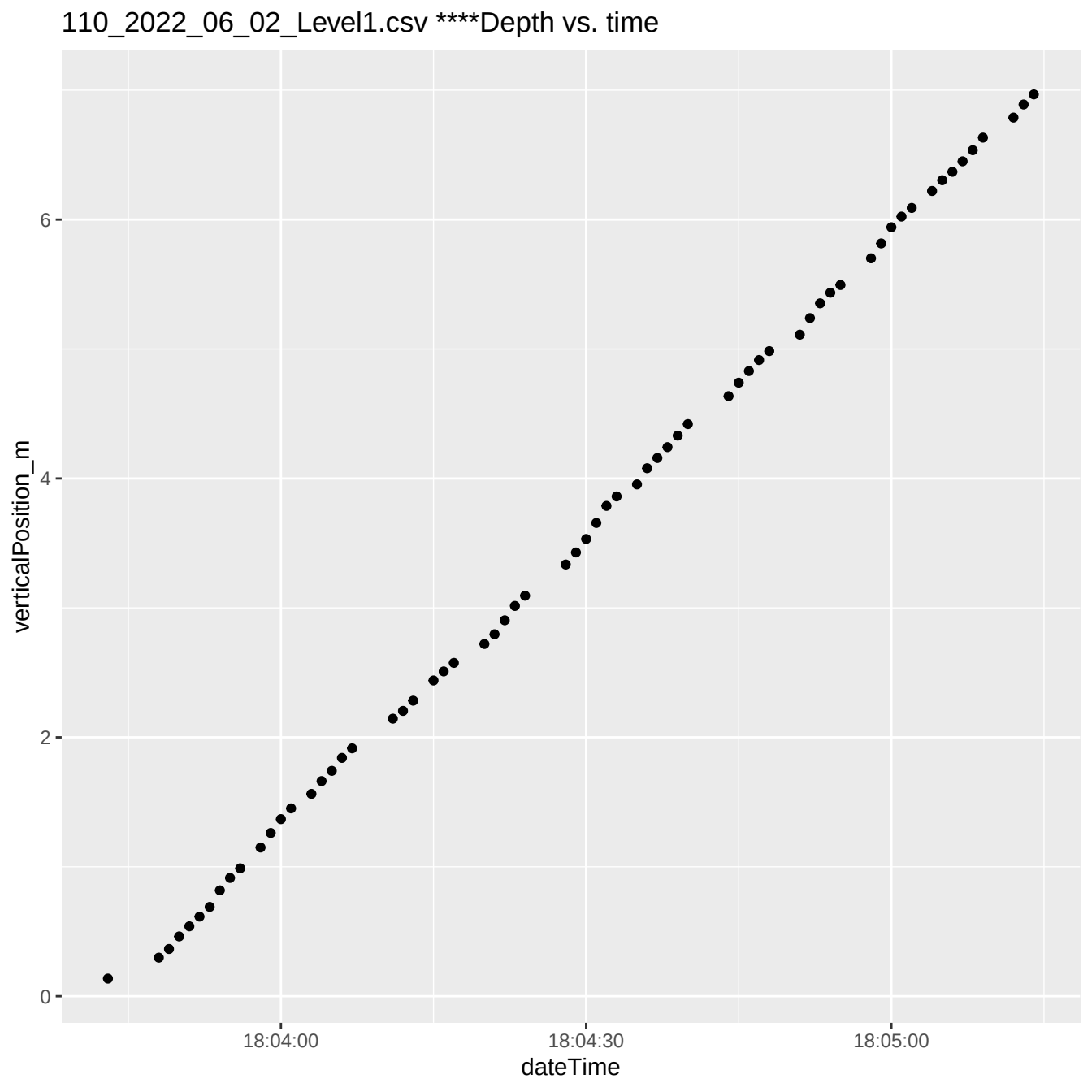

098_2022_08_23_Level1.csv ****chl jumps
verticalPosition_m
0
20
40
60
chlorophyll_RFU
0
1
2
3
4

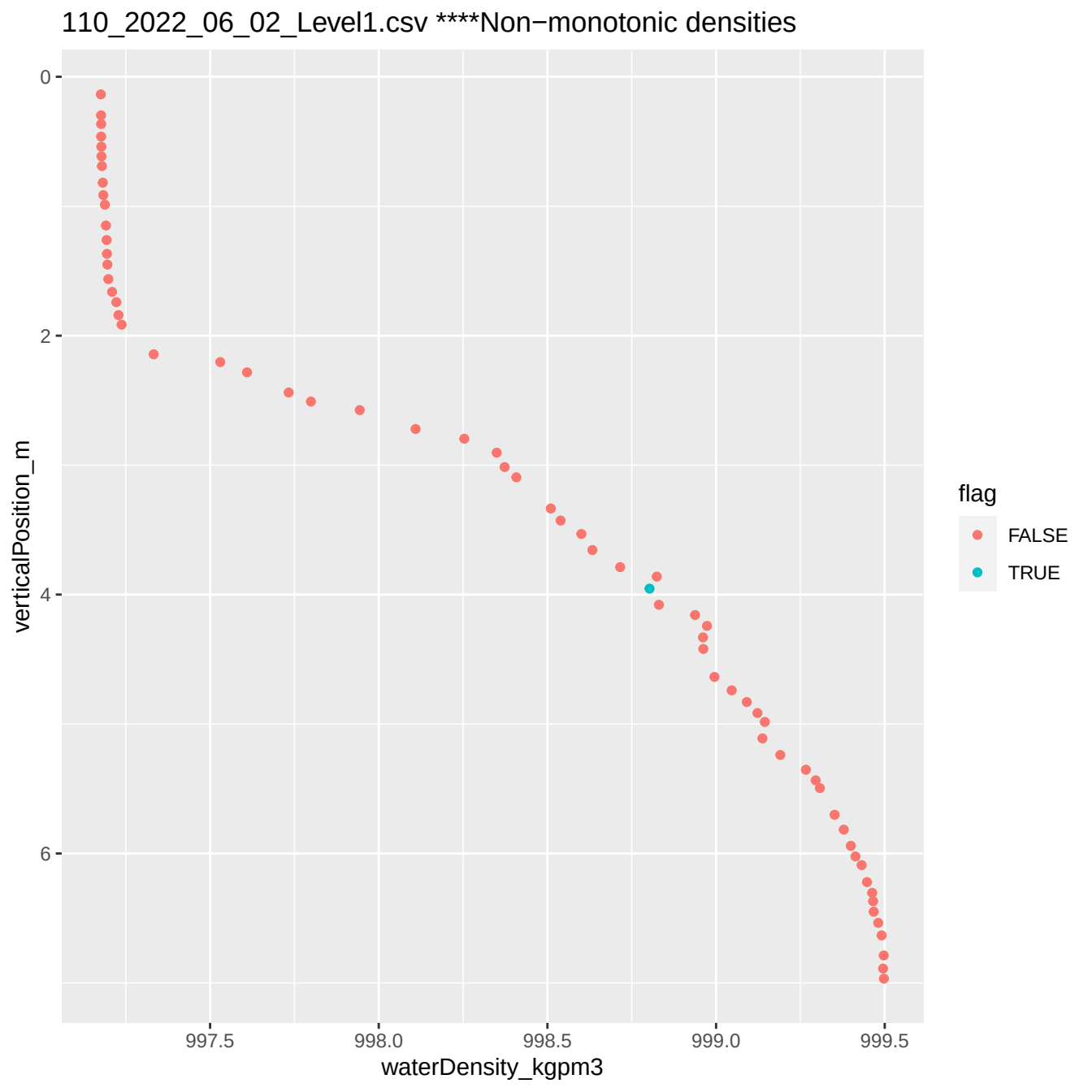

098_2022_08_23_Level1.csv ****bga jumps
verticalPosition_m
0
20
40
60
0.0
0.5
1.0
1.5
2.0
phycocyaninBGA_RFU

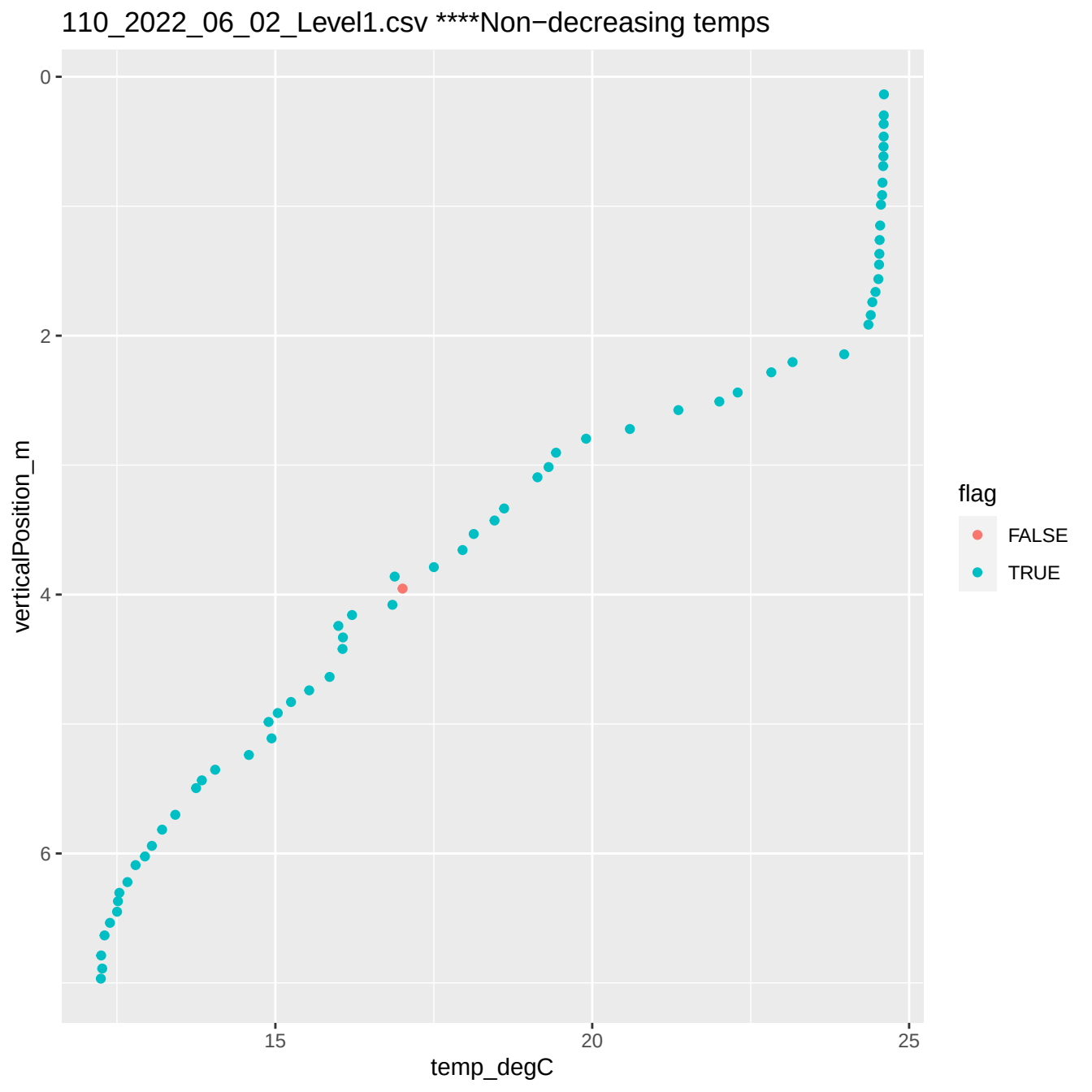

098_2022_09_14_Level1.csv ****Depth vs. time
verticalPosition_m
0
10
20
30
40
12:06
12:08
12:10
12:12
dateTime

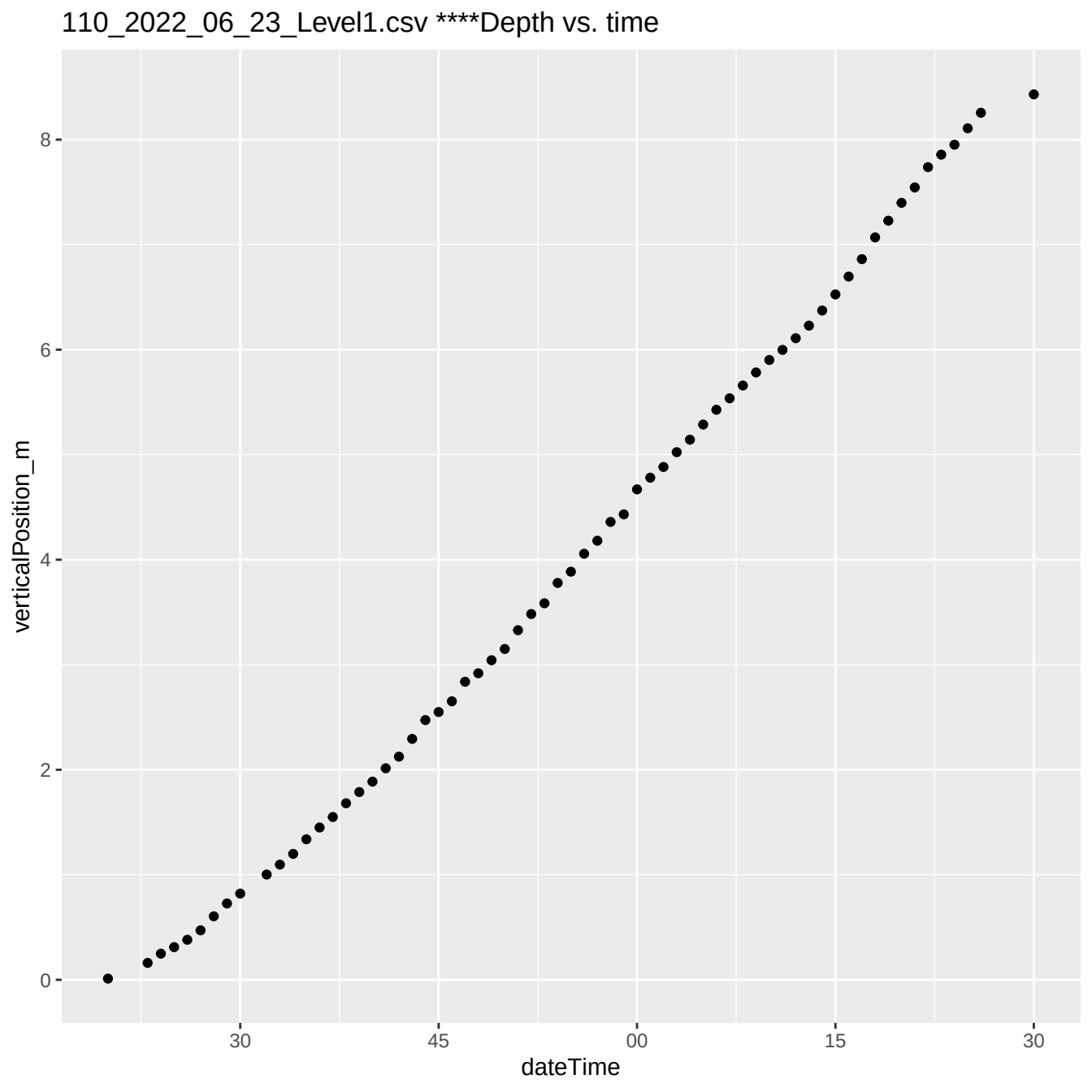

098_2022_09_14_Level1.csv ****Turbidity jumps
verticalPosition_m
0
10
20
30
40
turbidity_FNU
0
25
50
75

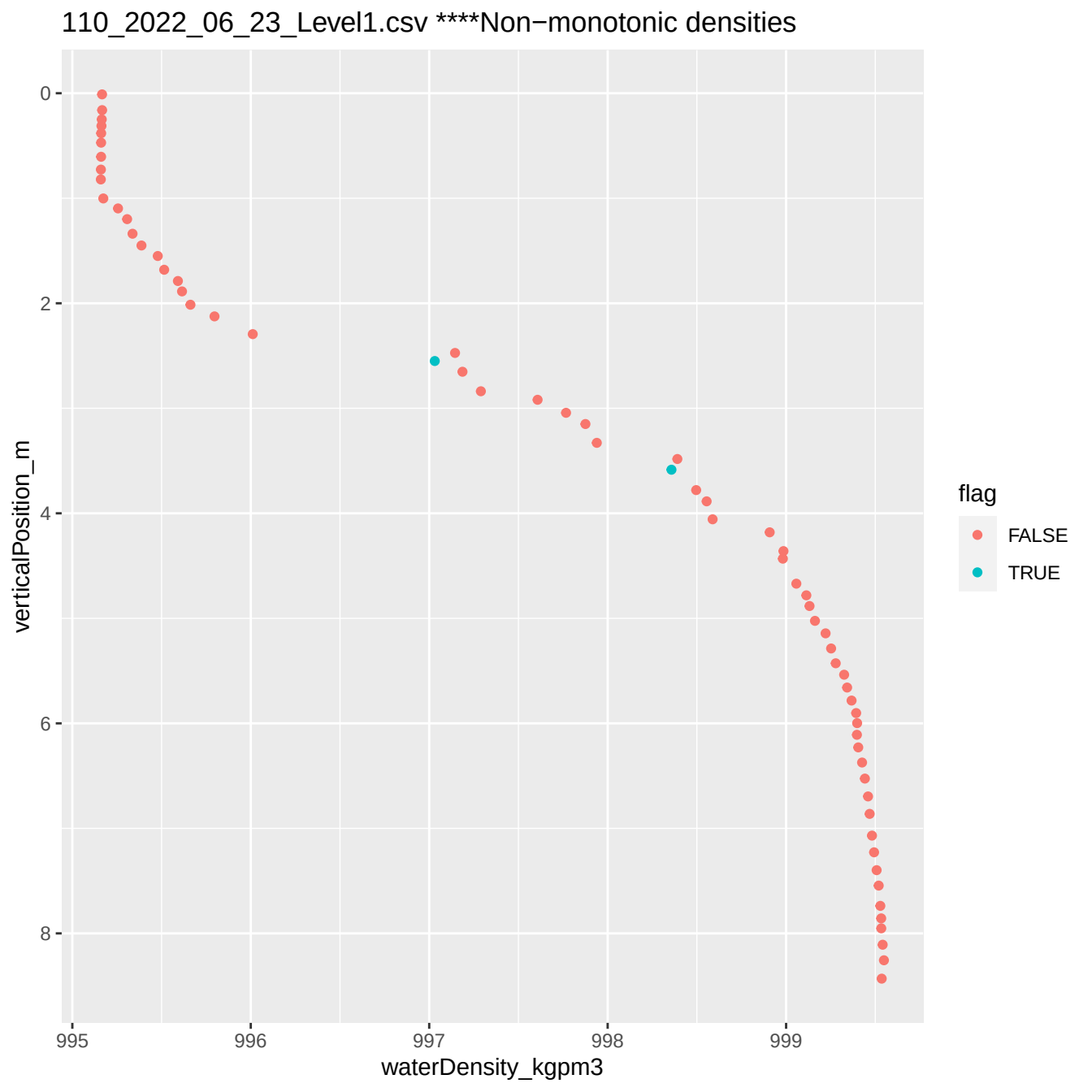

098_2022_09_14_Level1.csv ****bga jumps
verticalPosition_m
0
10
20
30
40
−0.25
0.00
0.25
0.50
phycocyaninBGA_RFU

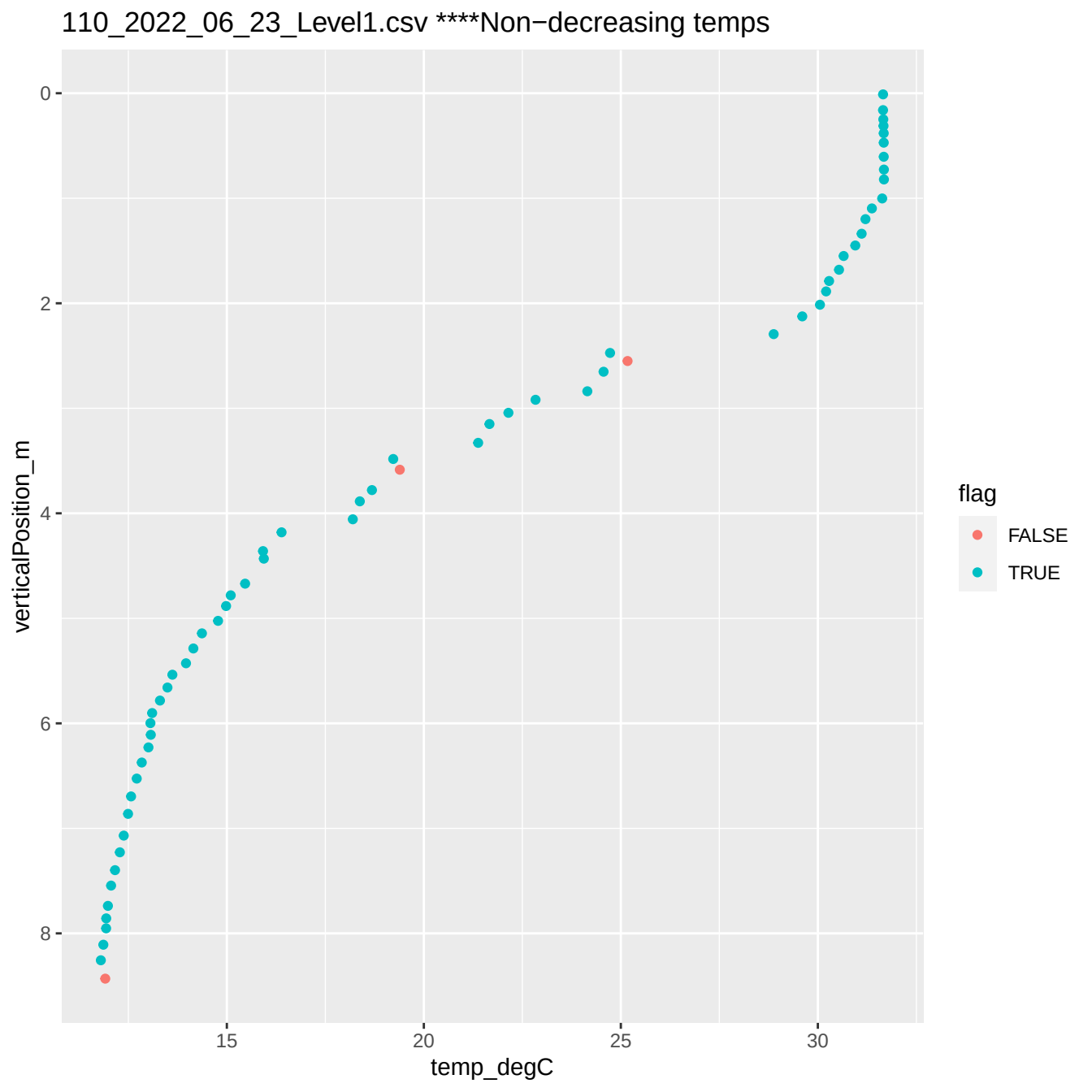

110_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
18:04:00
18:04:30
18:05:00
dateTime

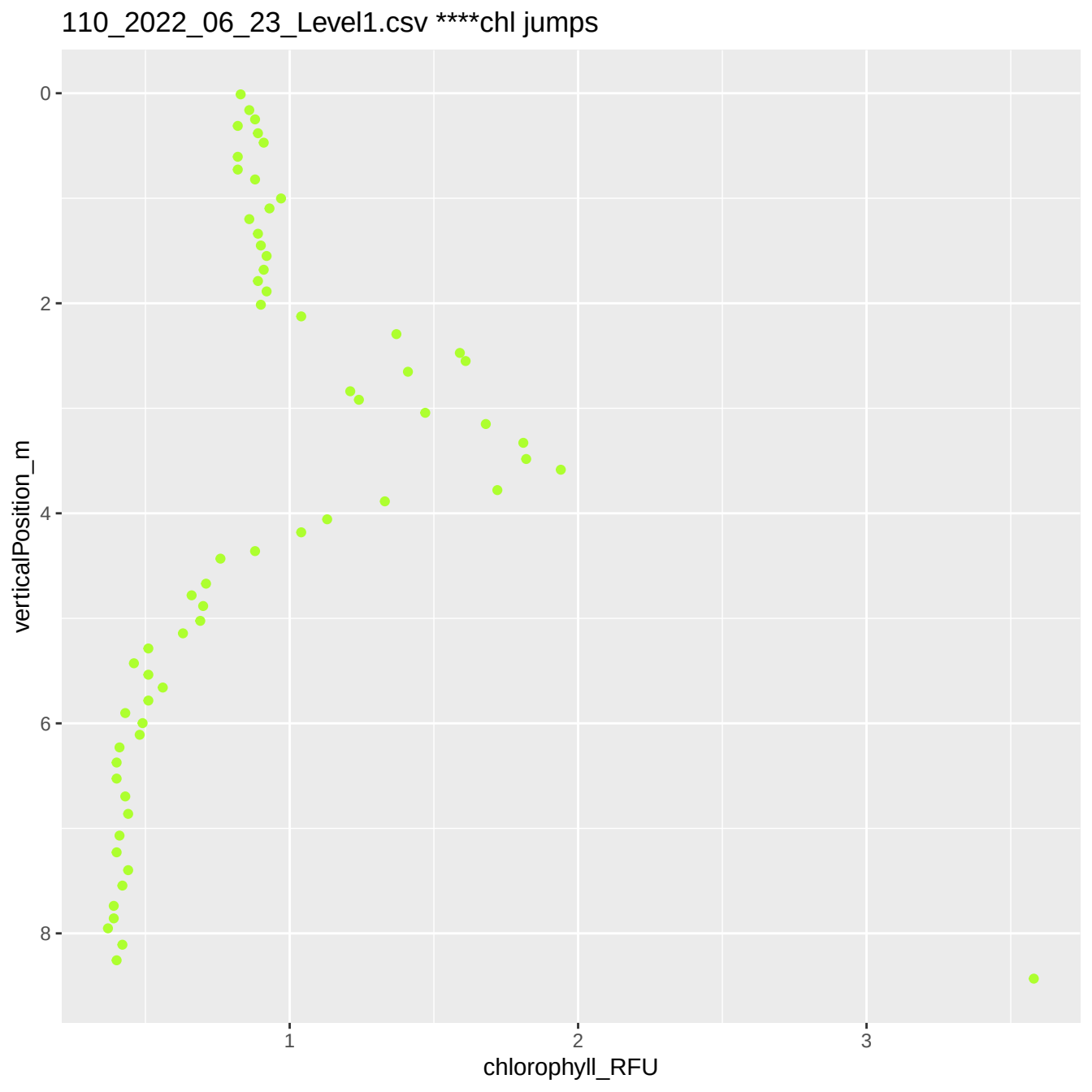

110_2022_06_02_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
997.5
998.0
998.5
999.0
999.5
waterDensity_kgpm3
flag
FALSE
TRUE

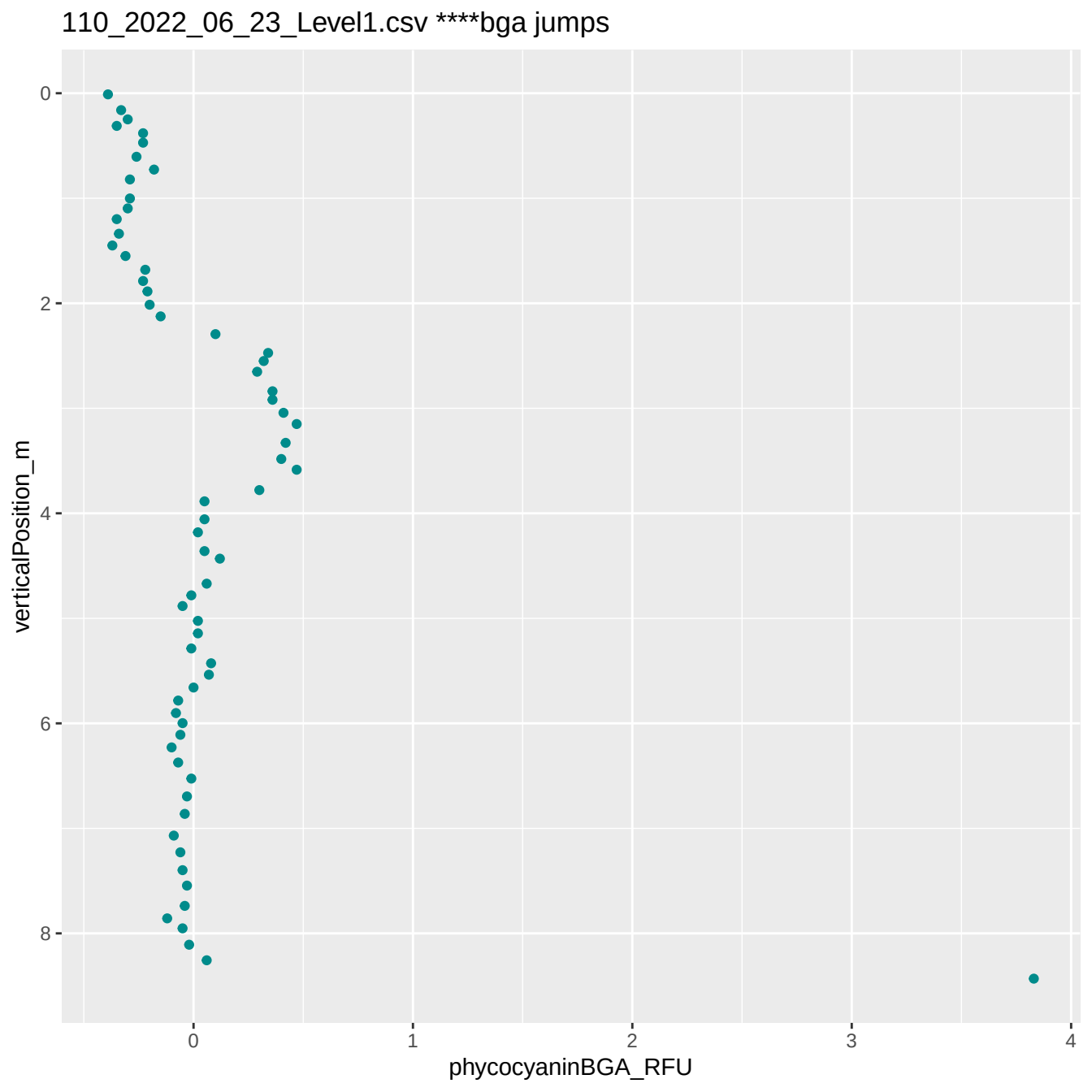

110_2022_06_02_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
flag
FALSE
TRUE

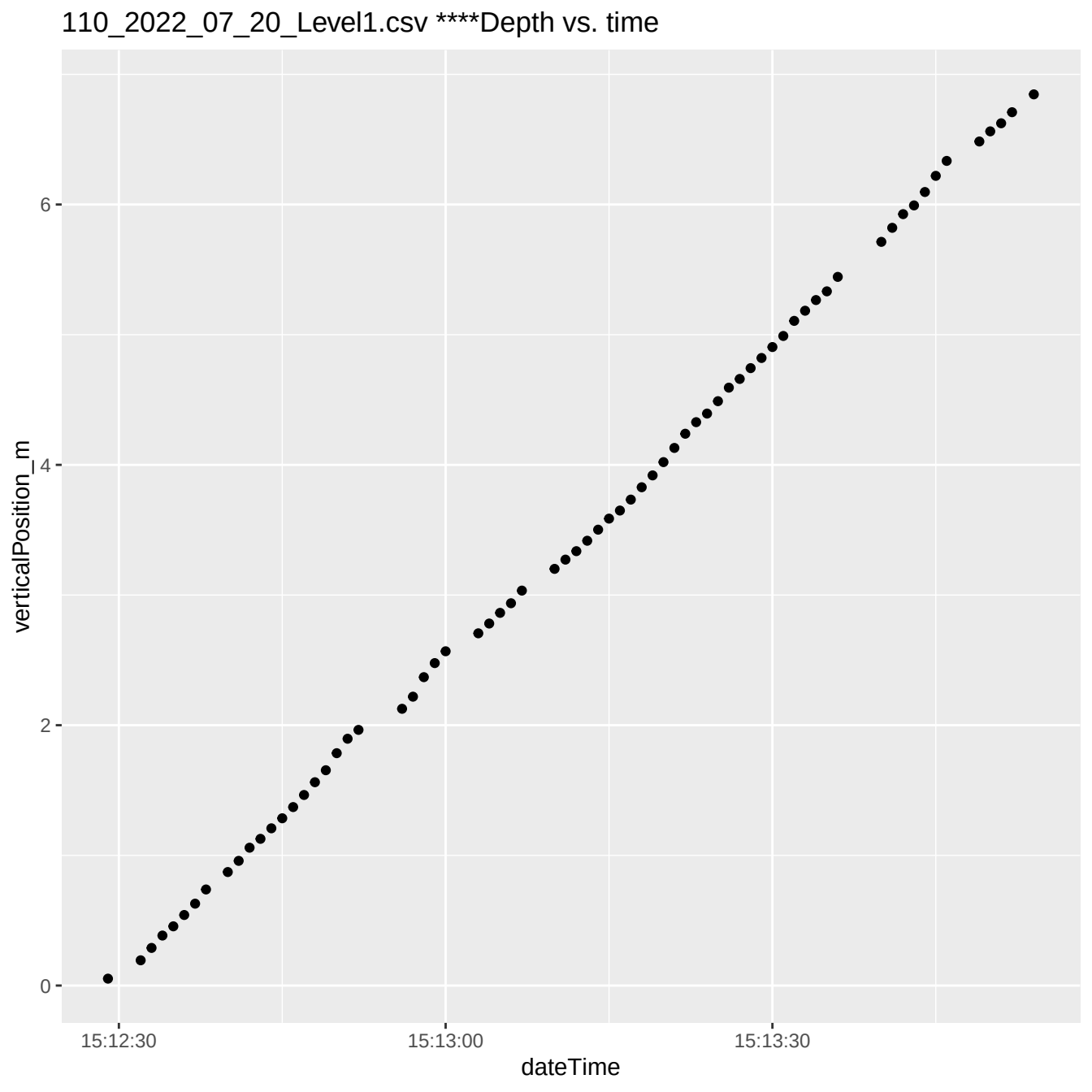

110_2022_06_23_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
30
45
00
15
30
dateTime

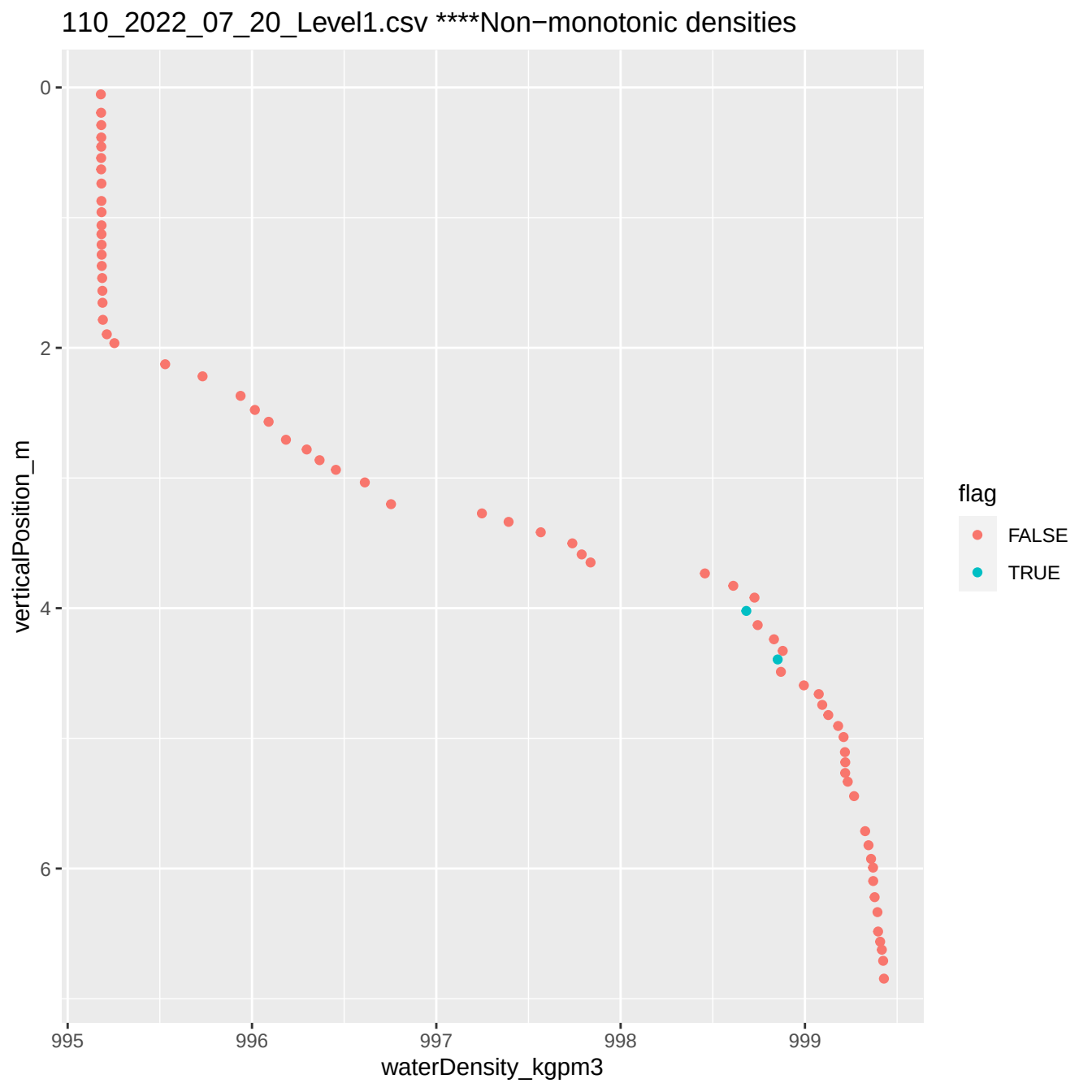

110_2022_06_23_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
8
waterDensity_kgpm3
995
996
997
998
999
flag
FALSE
TRUE

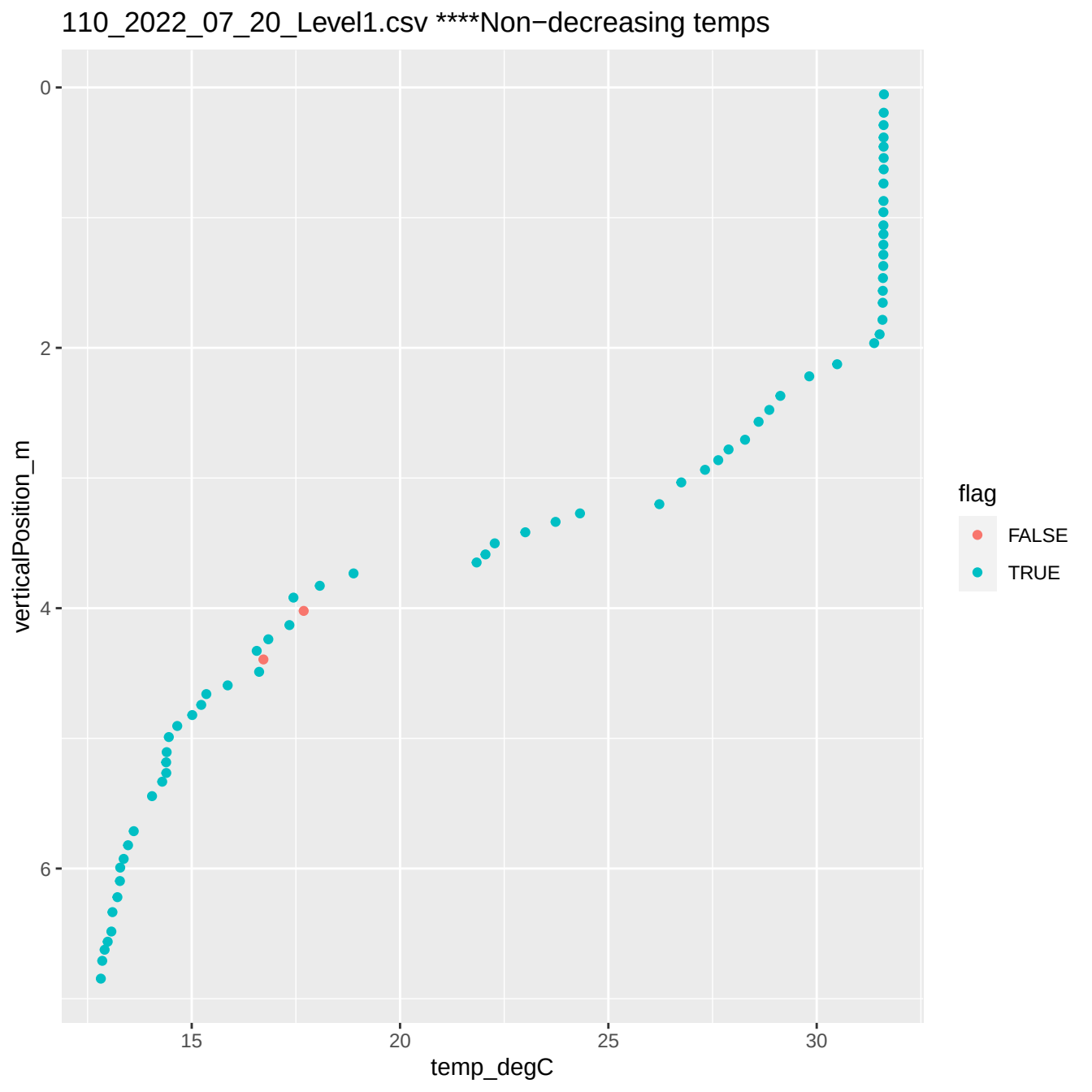

110_2022_06_23_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
8
temp_degC
15
20
25
30
flag
FALSE
TRUE

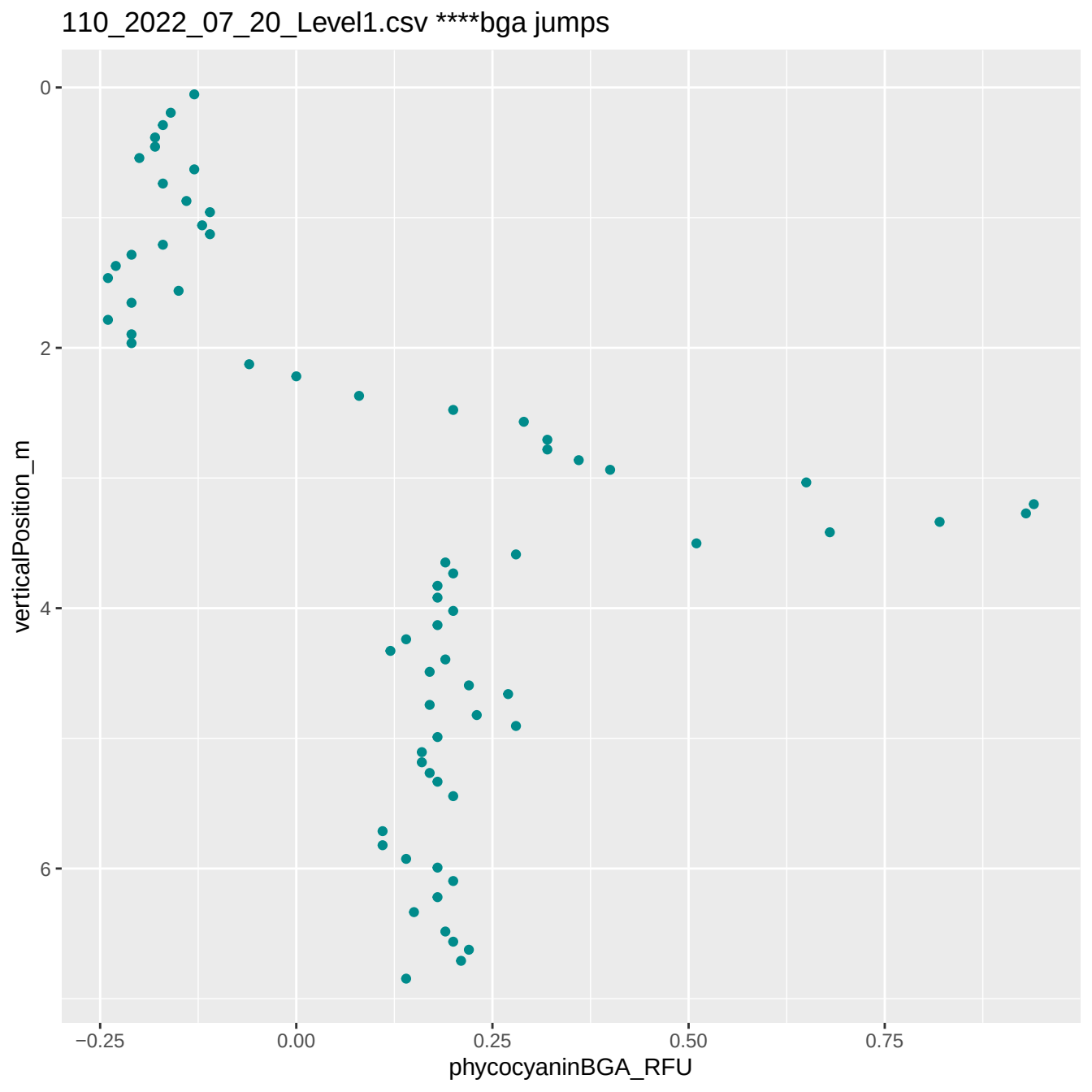

110_2022_06_23_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
8
chlorophyll_RFU
1
2
3

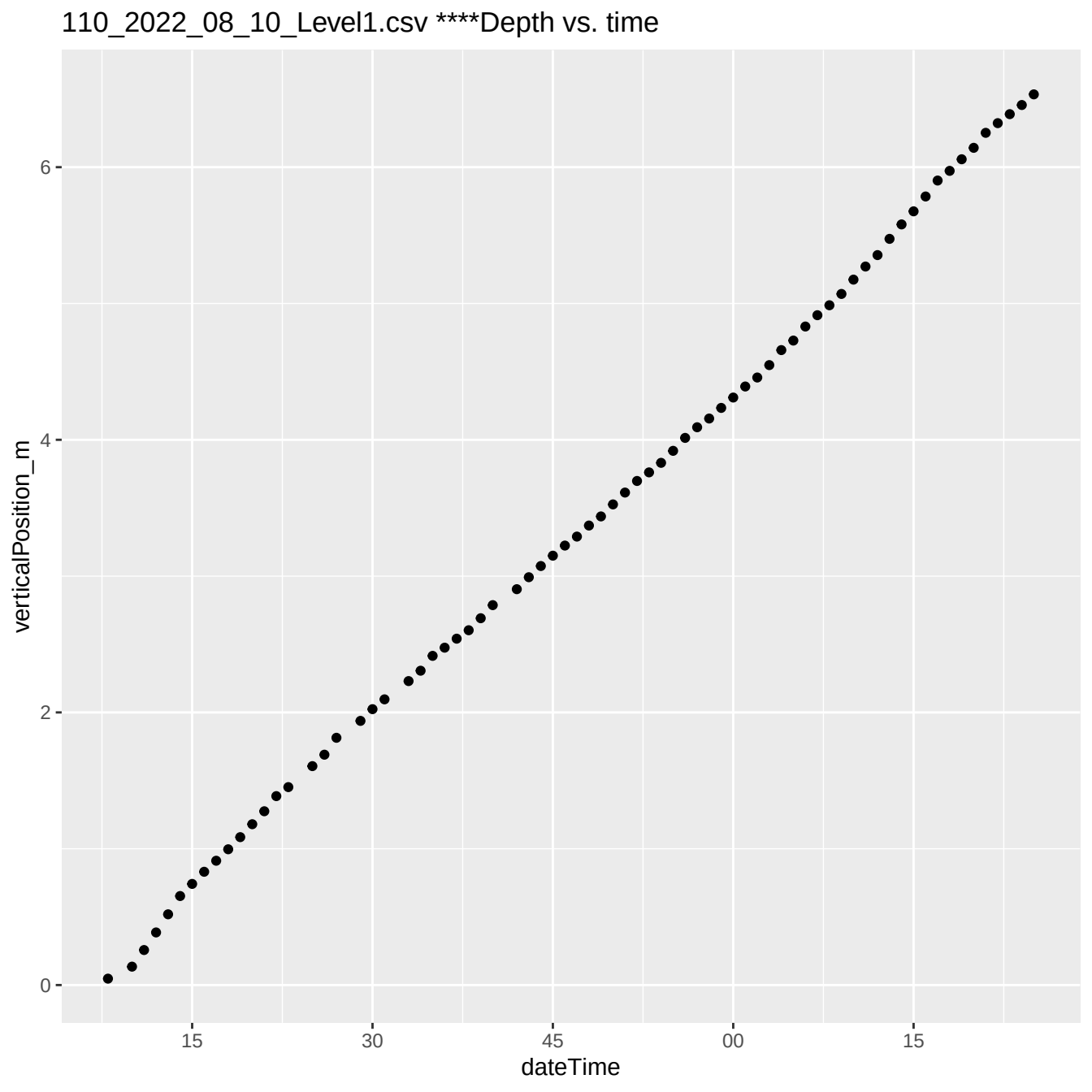

110_2022_06_23_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
phycocyaninBGA_RFU
0
1
2
3
4

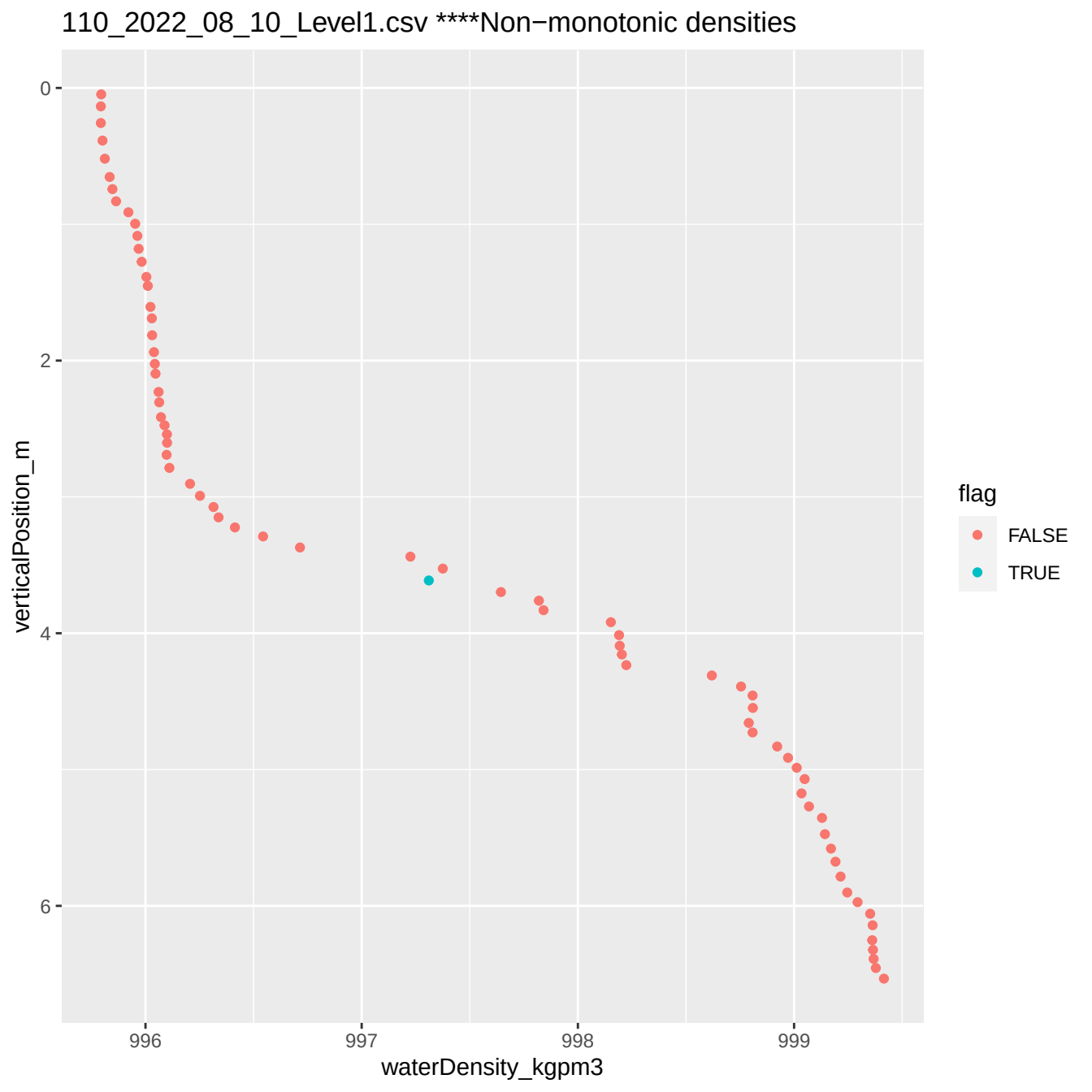

110_2022_07_20_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15:12:30
15:13:00
15:13:30
dateTime

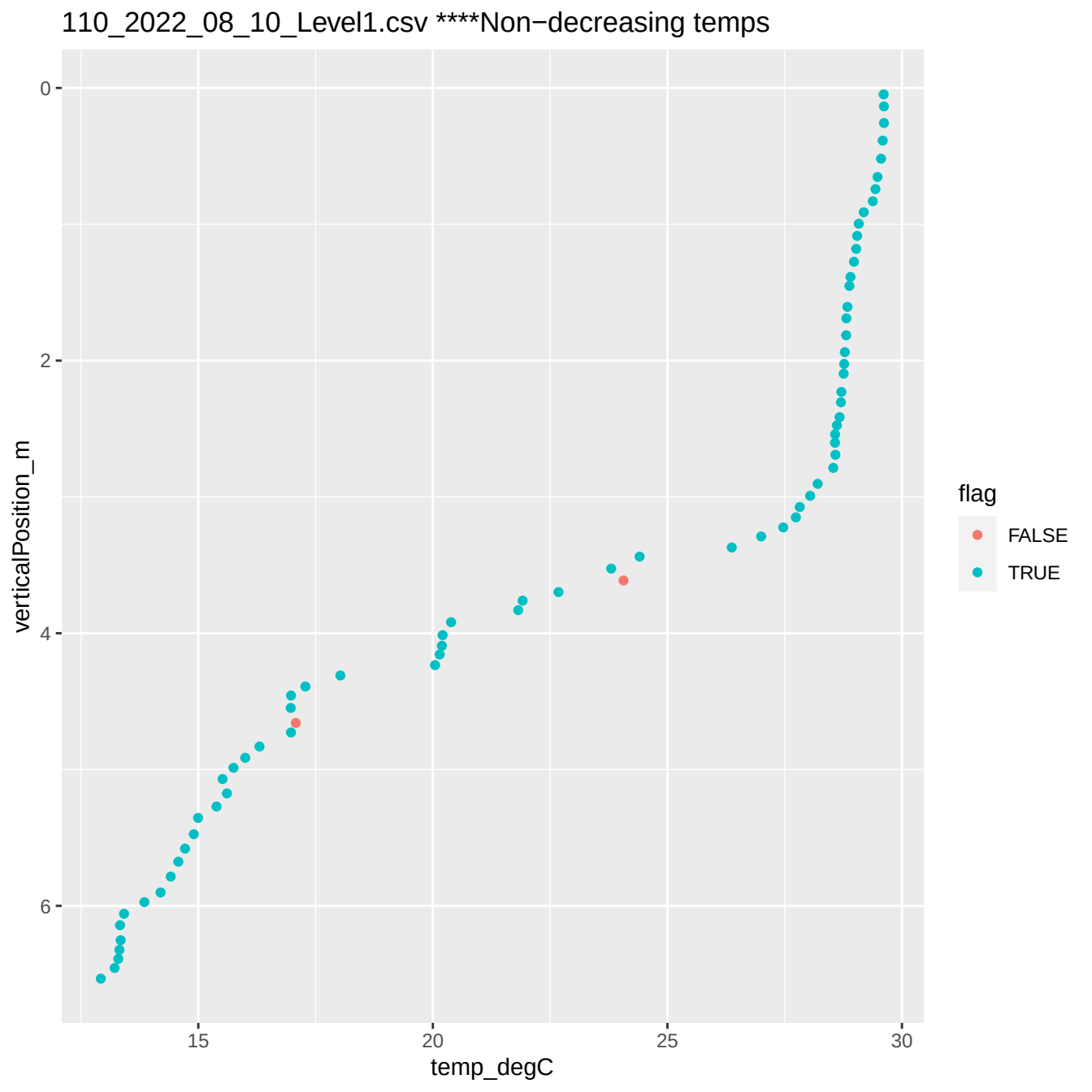

110_2022_07_20_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
waterDensity_kgpm3
995
996
997
998
999
flag
FALSE
TRUE

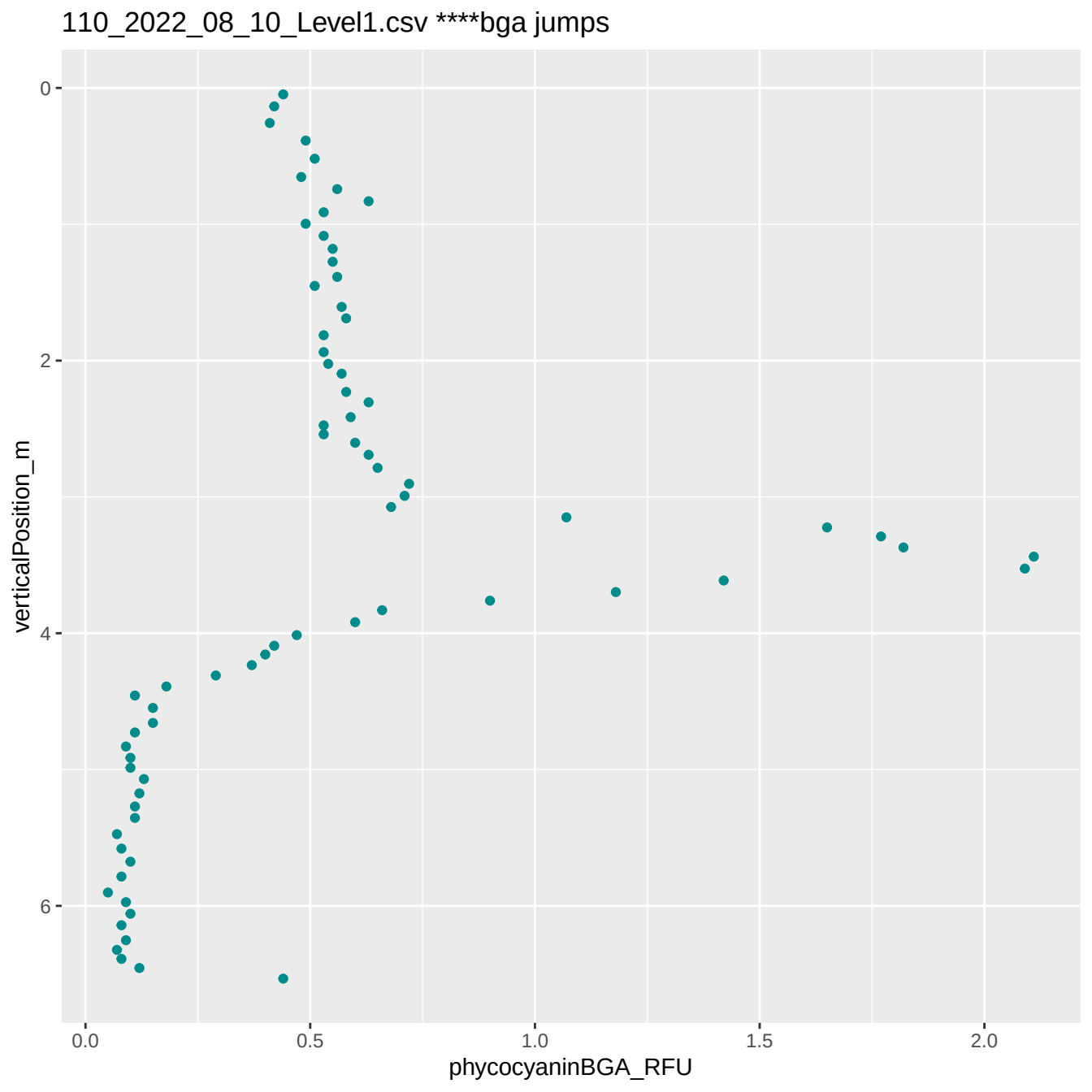

110_2022_07_20_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

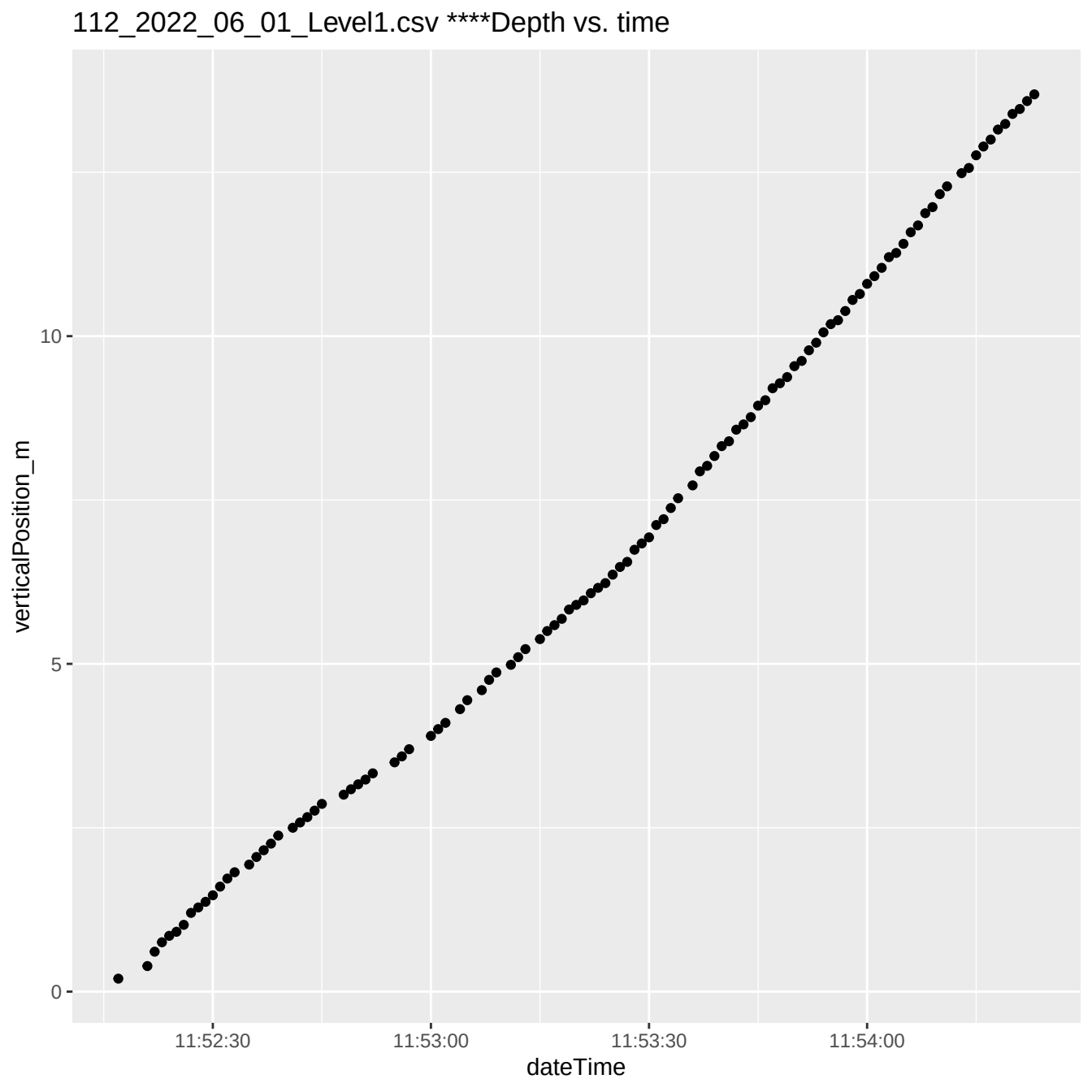

110_2022_07_20_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
−0.25
0.00
0.25
0.50
0.75
phycocyaninBGA_RFU

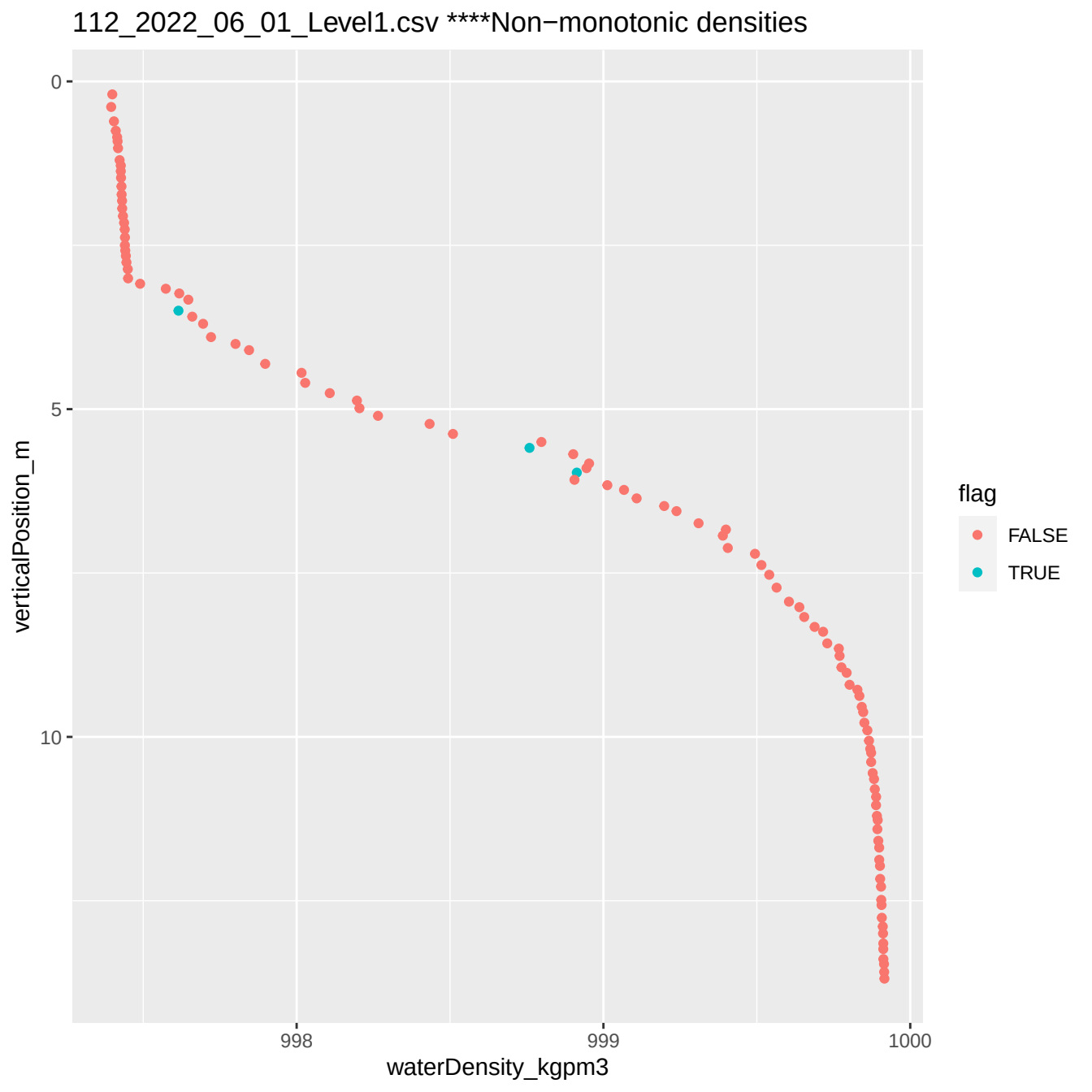

110_2022_08_10_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15
30
45
00
15
dateTime

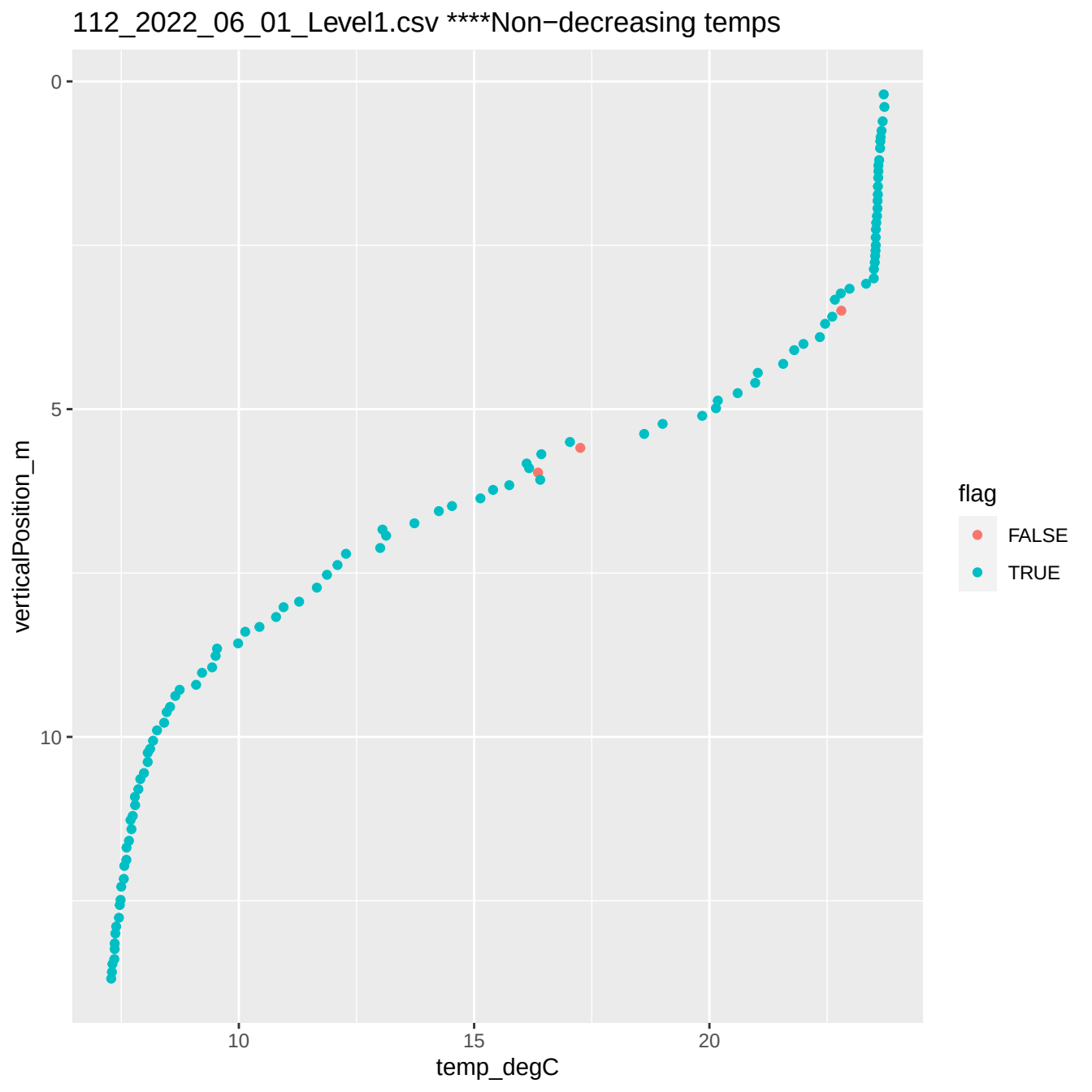

110_2022_08_10_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
waterDensity_kgpm3
996
997
998
999
flag
FALSE
TRUE

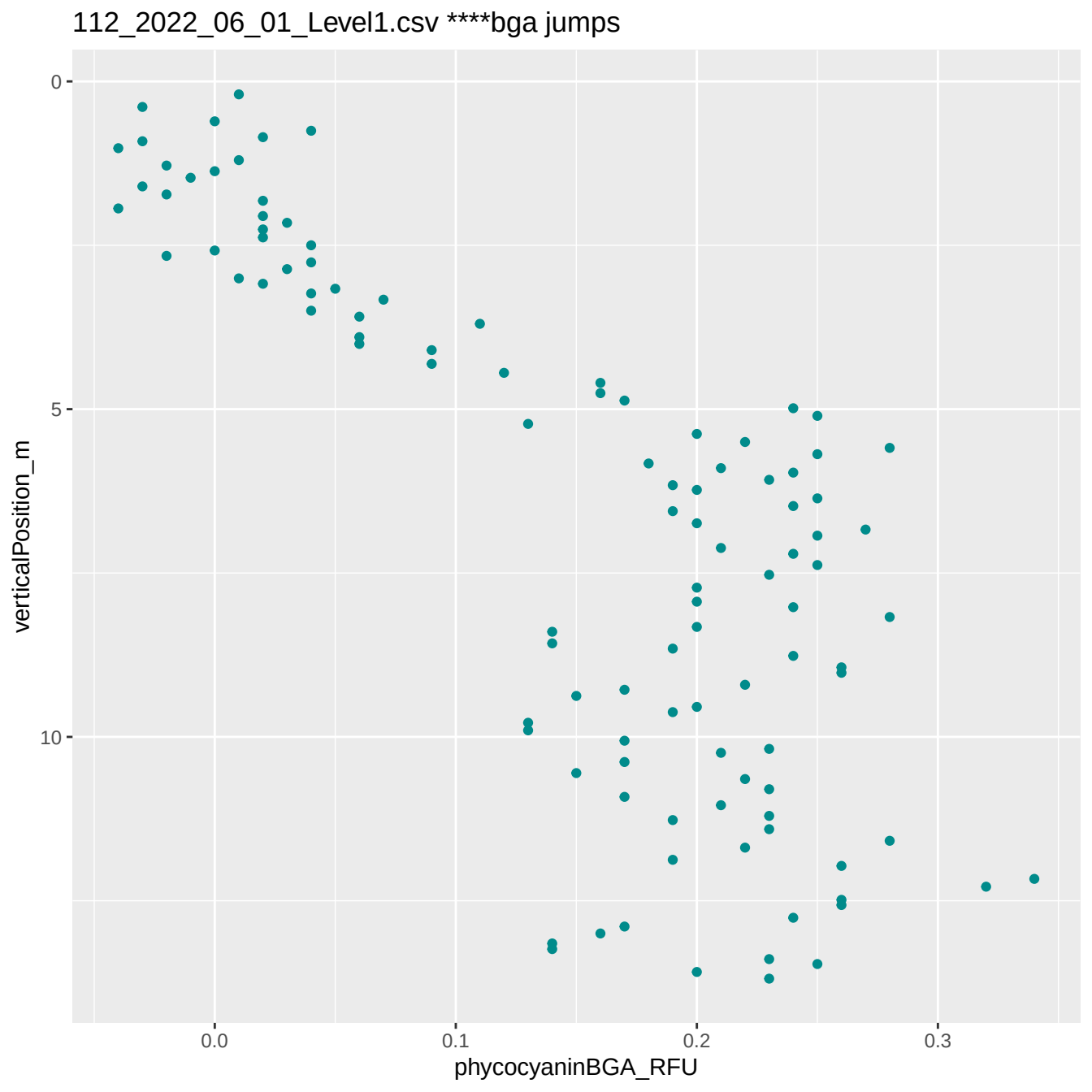

110_2022_08_10_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
15
20
25
30
temp_degC
flag
FALSE
TRUE

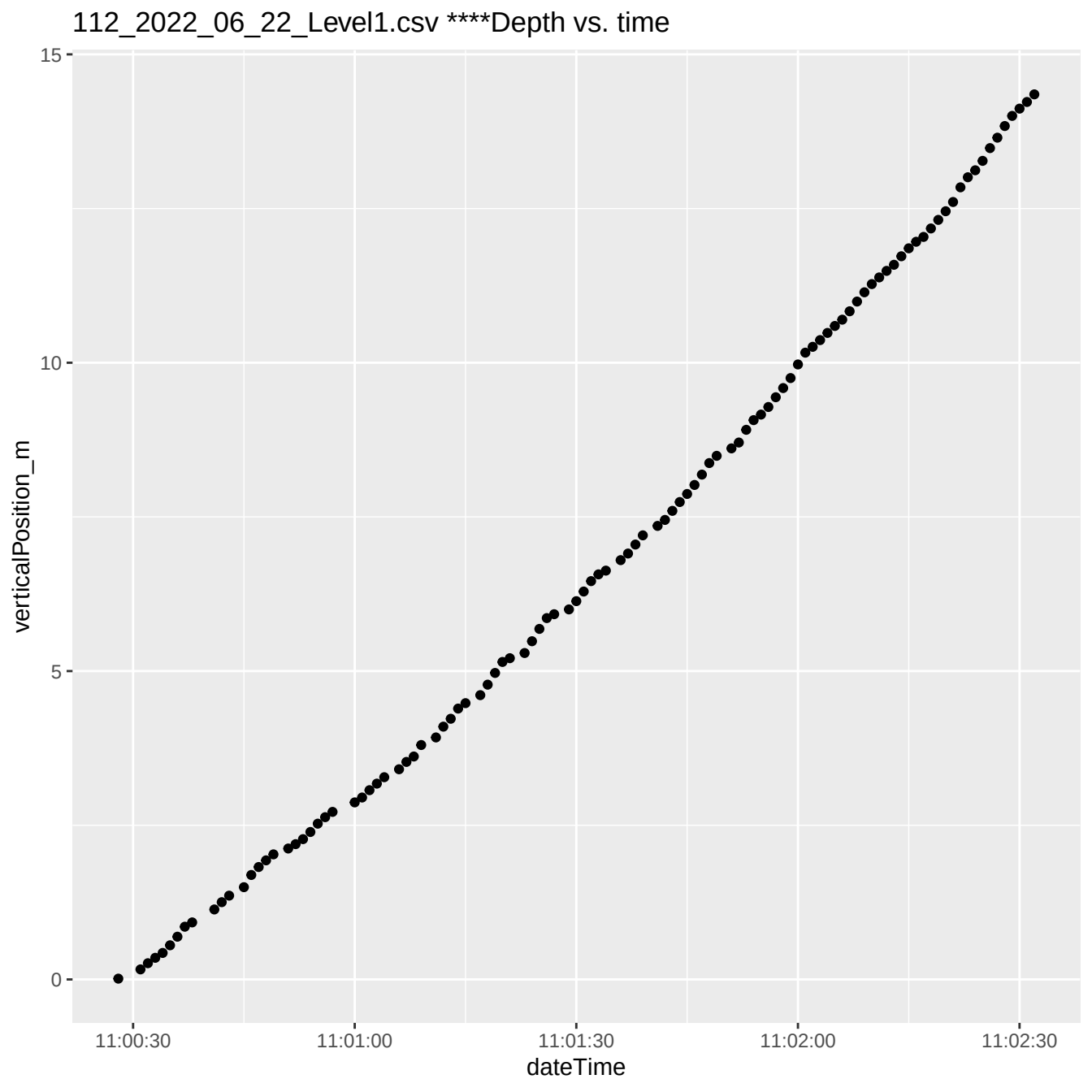

110_2022_08_10_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0.0
0.5
1.0
1.5
2.0
phycocyaninBGA_RFU

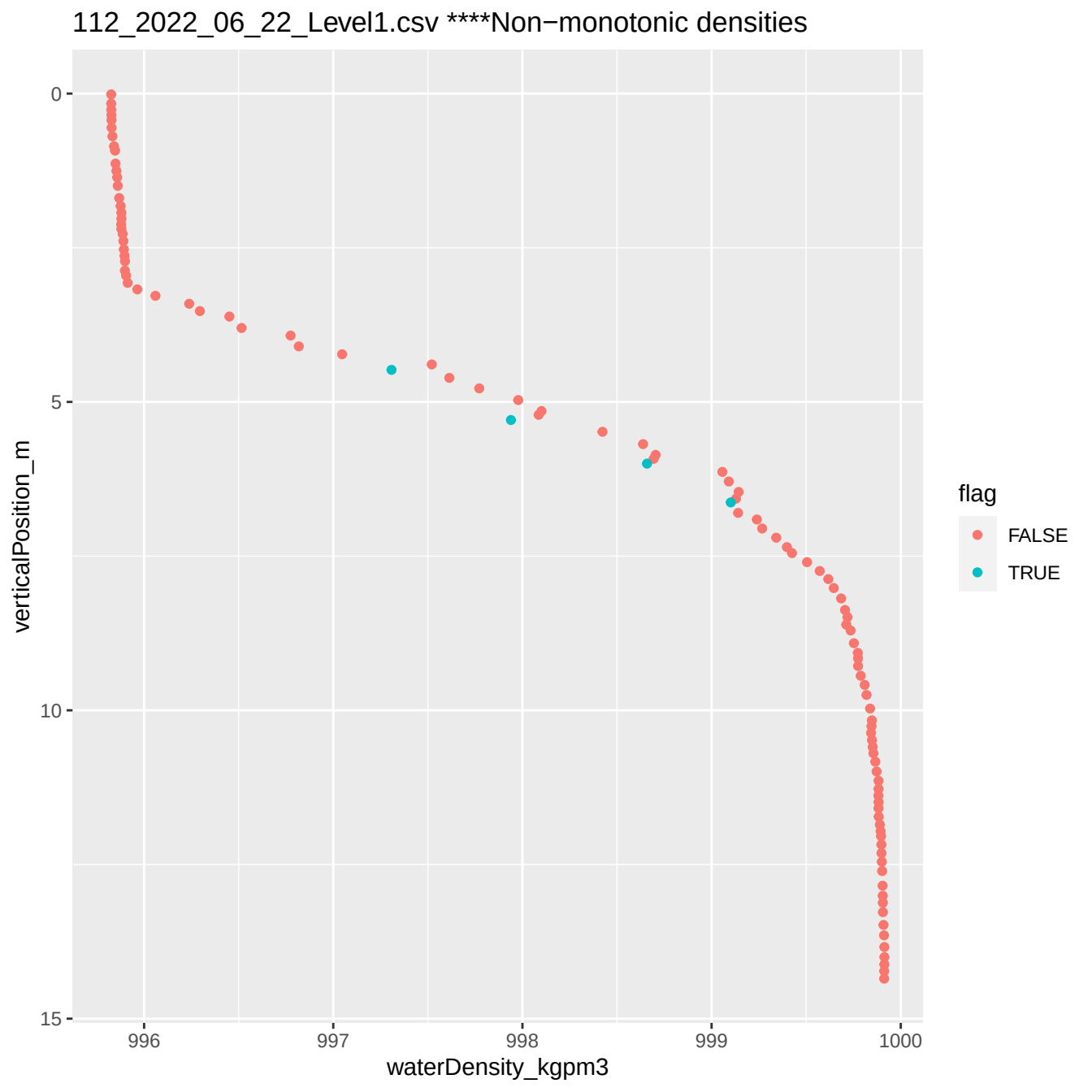

112_2022_06_01_Level1.csv ****Depth vs. time
verticalPosition_m
10
5
0
11:52:30
11:53:00
11:53:30
11:54:00
dateTime

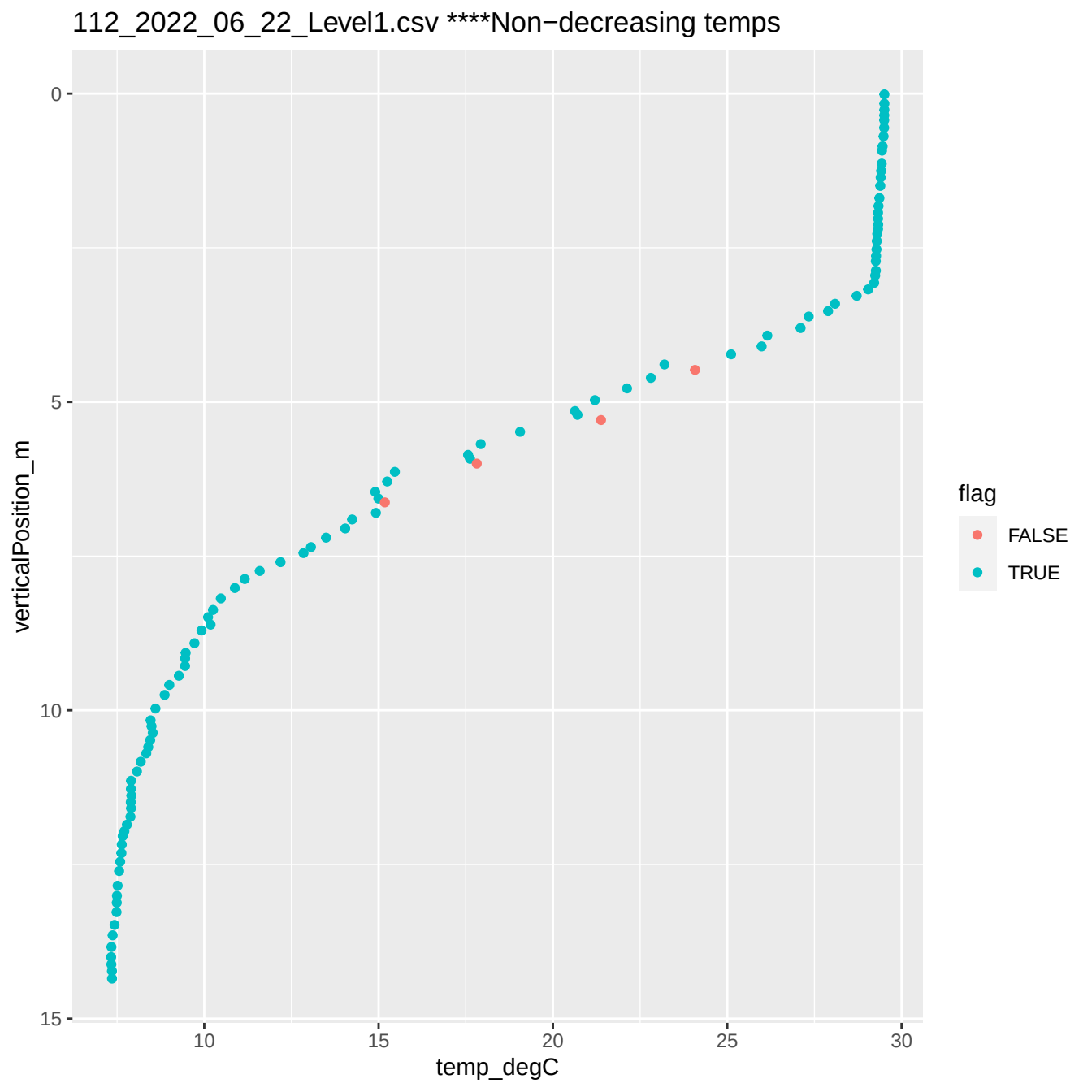

112_2022_06_01_Level1.csv ****Non−monotonic densities
0
5
10
verticalPosition_m
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

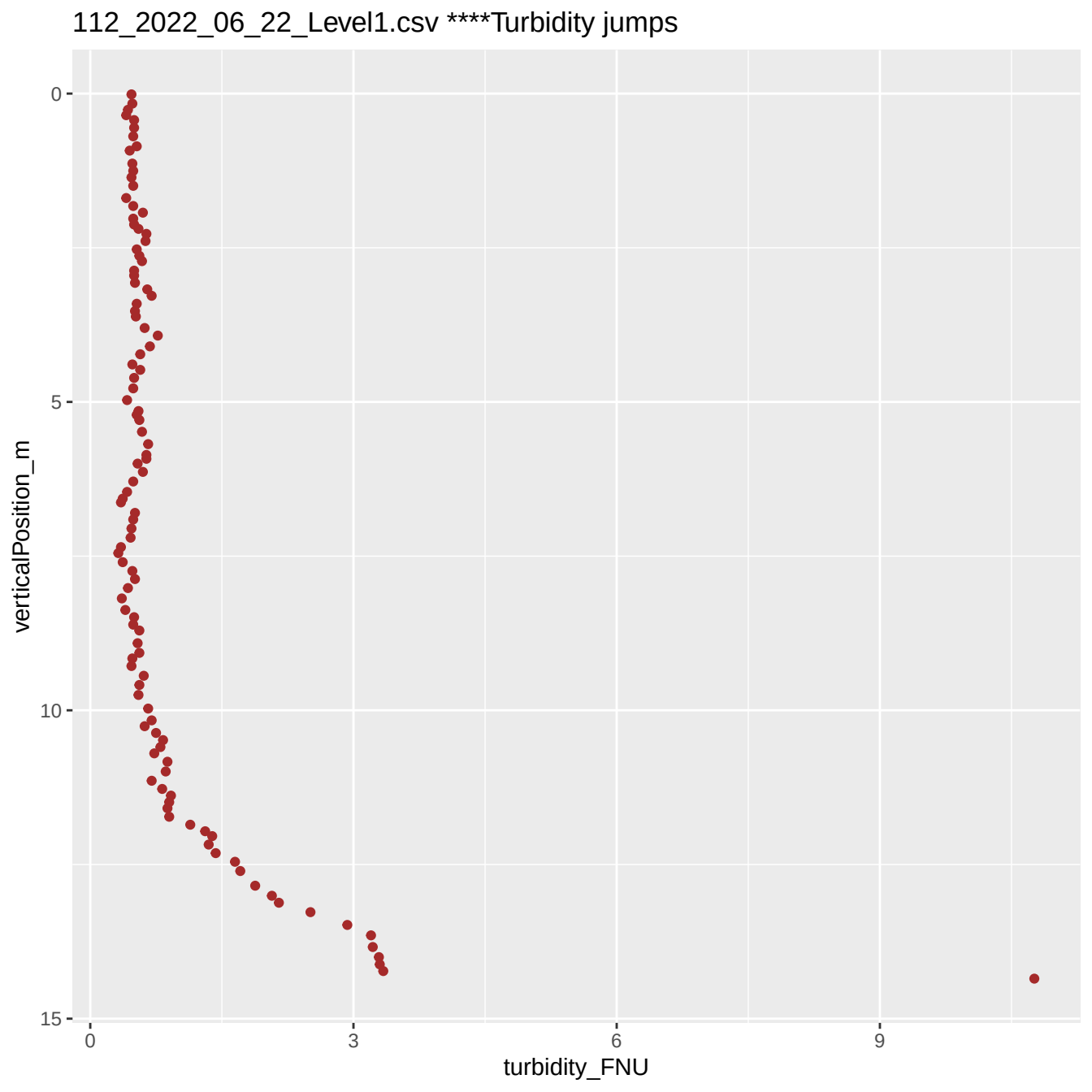

112_2022_06_01_Level1.csv ****Non−decreasing temps
0
5
10
verticalPosition_m
10
15
20
temp_degC
flag
FALSE
TRUE

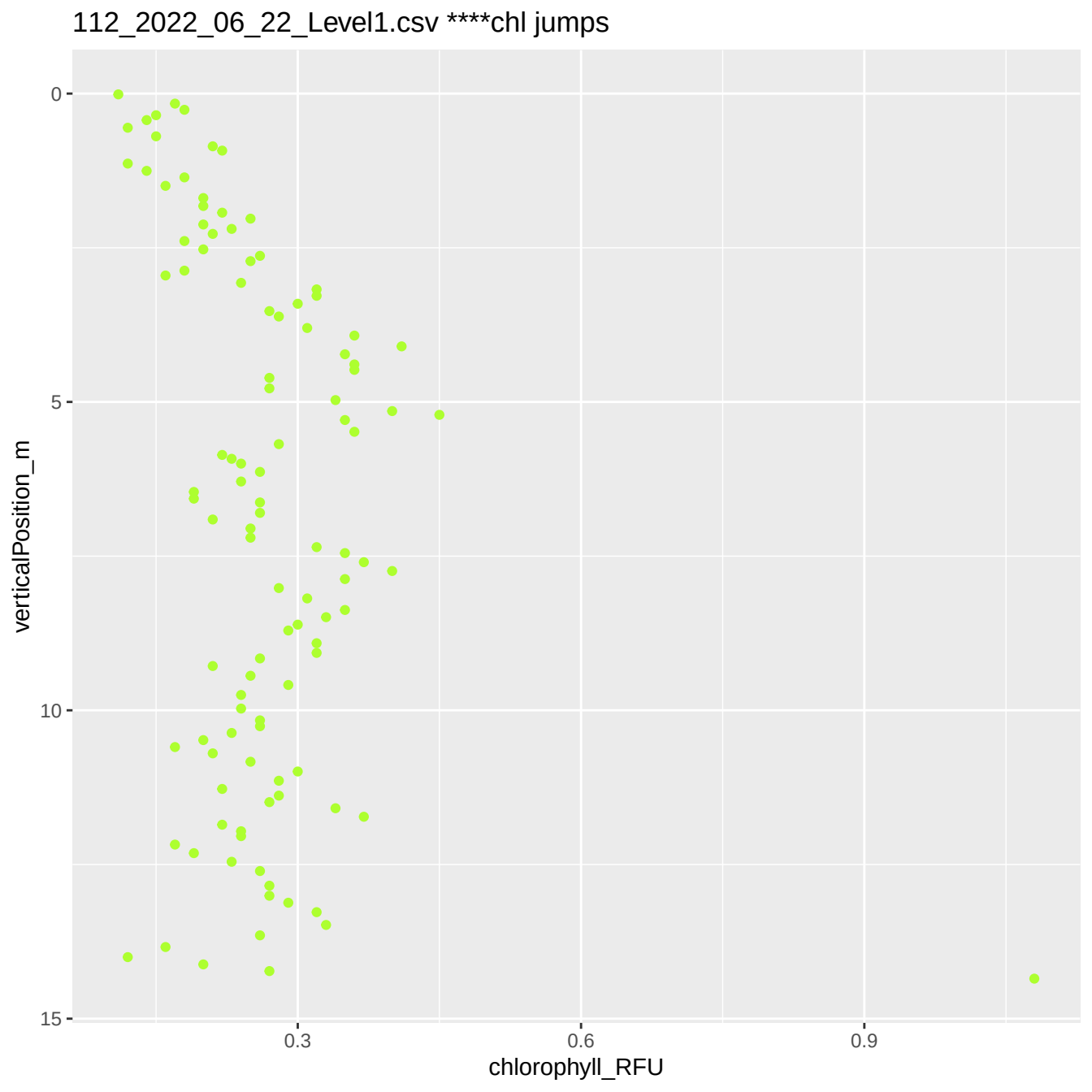

112_2022_06_01_Level1.csv ****bga jumps
0
5
10
verticalPosition_m
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

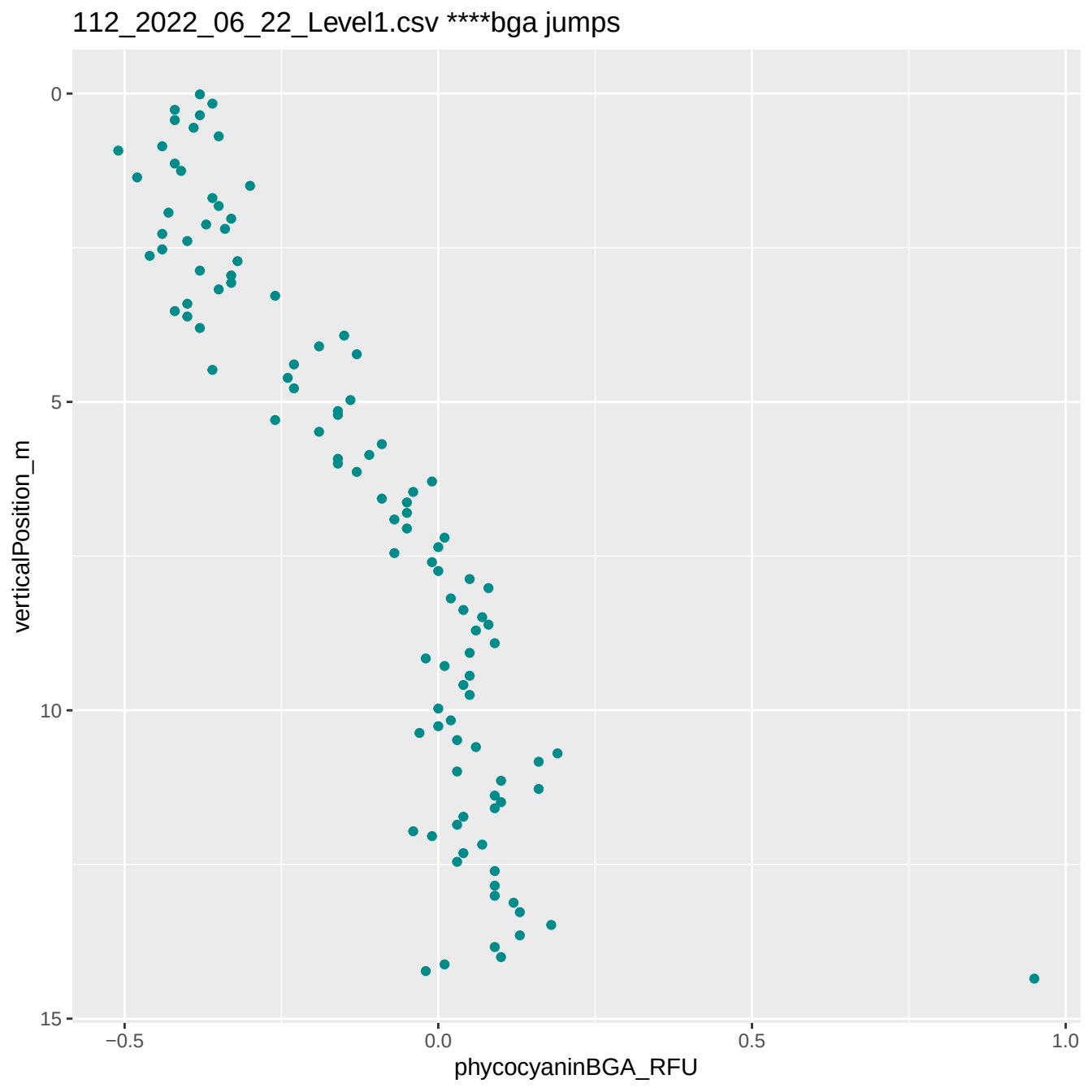

112_2022_06_22_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
11:00:30
11:01:00
11:01:30
11:02:00
11:02:30
dateTime

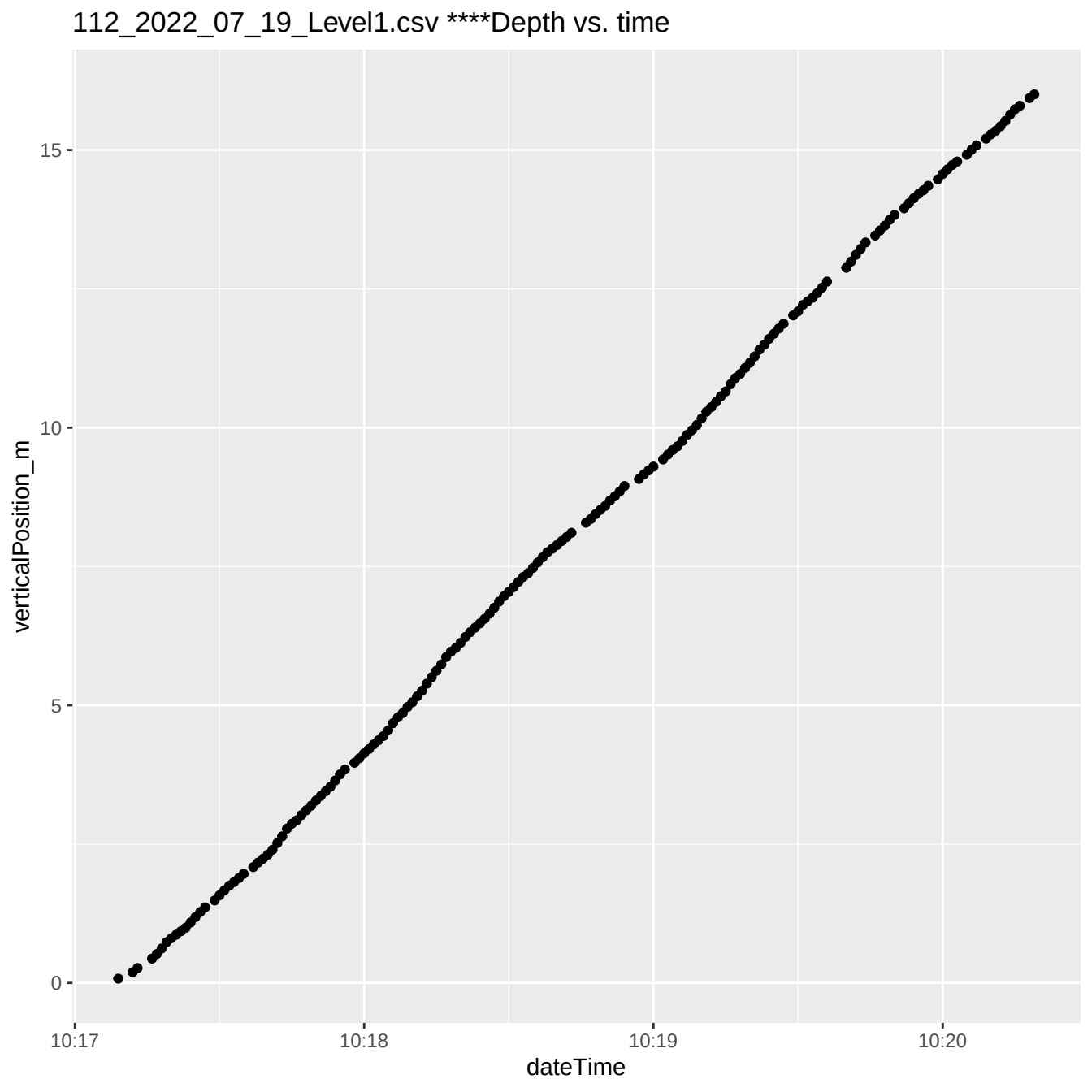

112_2022_06_22_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
5
10
15
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

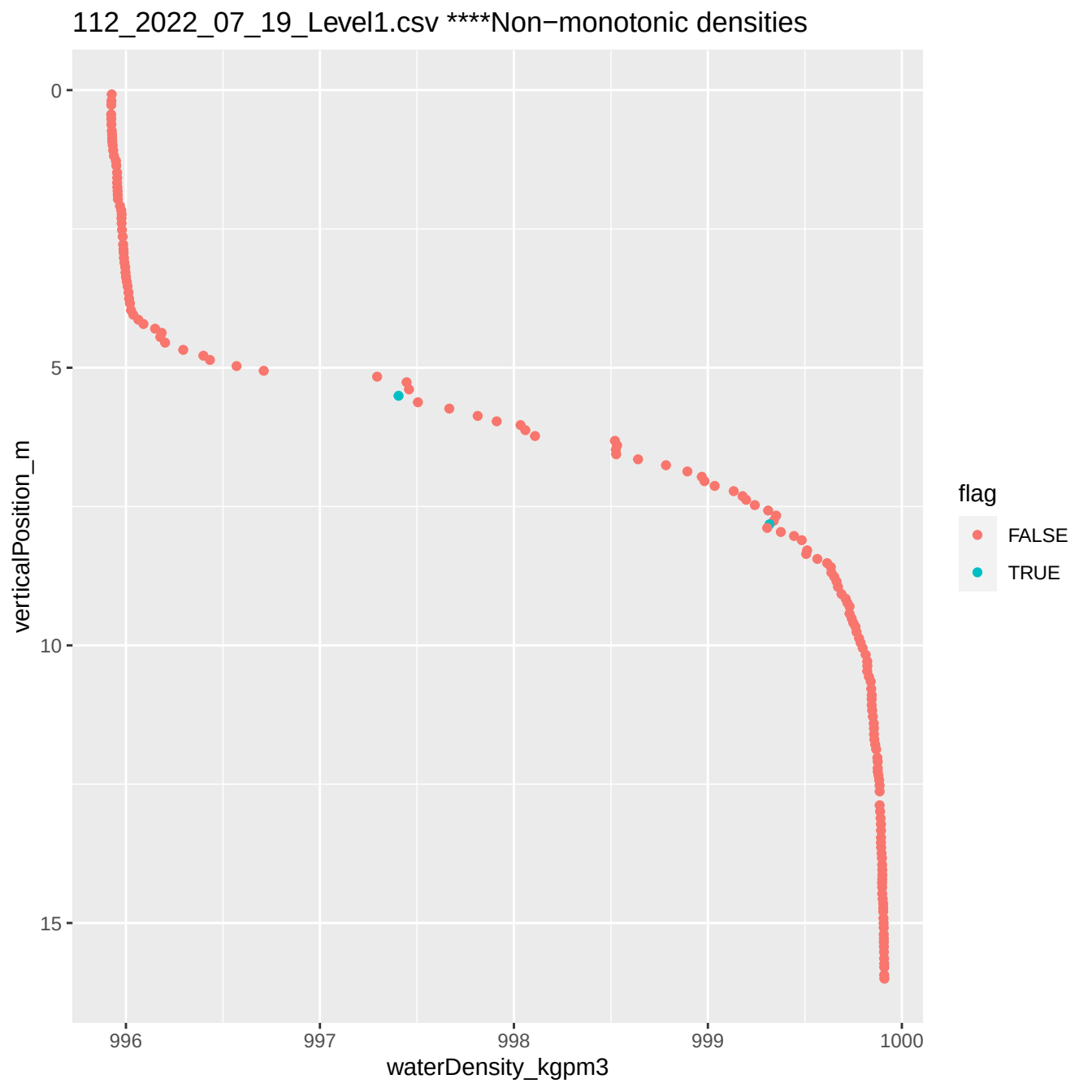

112_2022_06_22_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

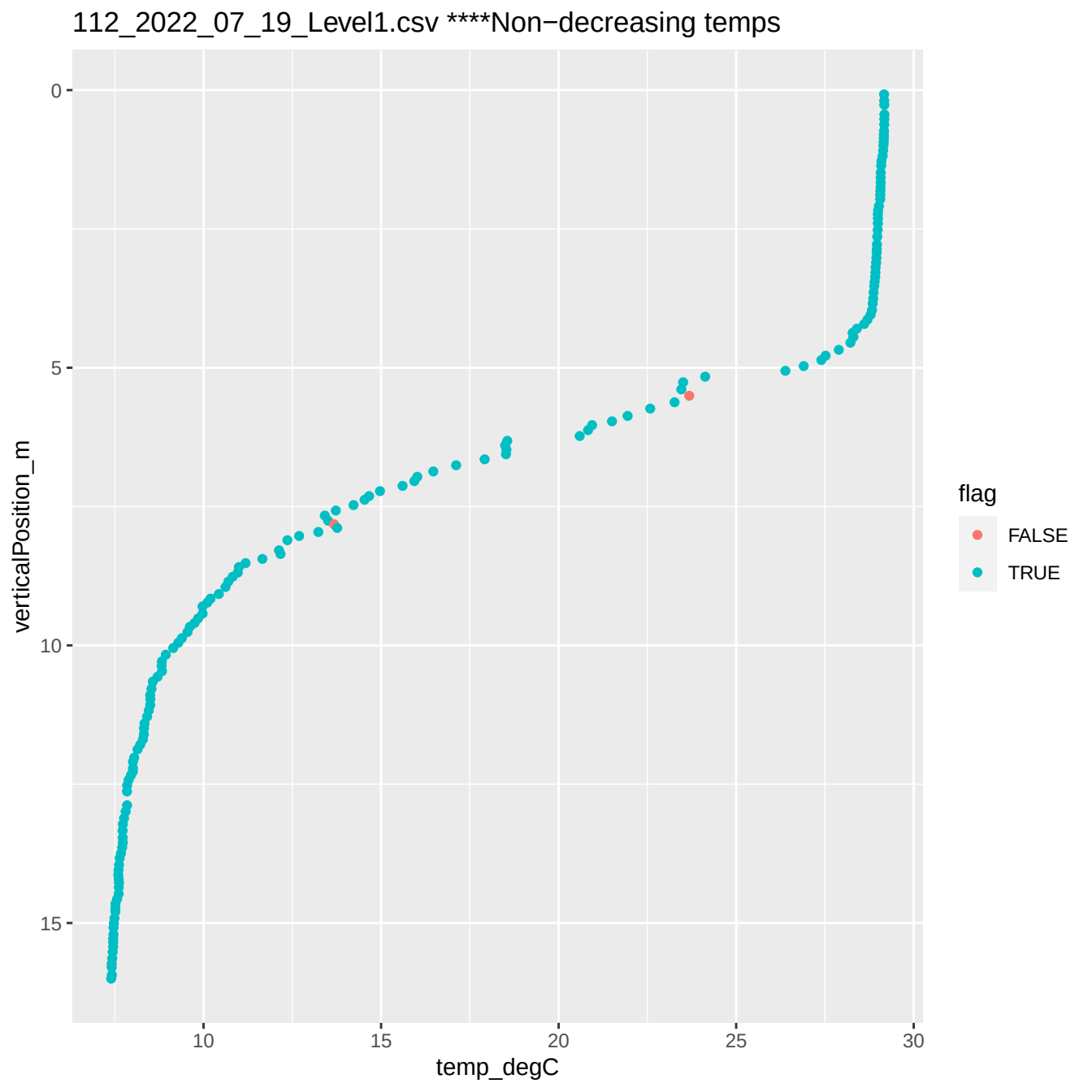

112_2022_06_22_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
0
3
6
9
turbidity_FNU

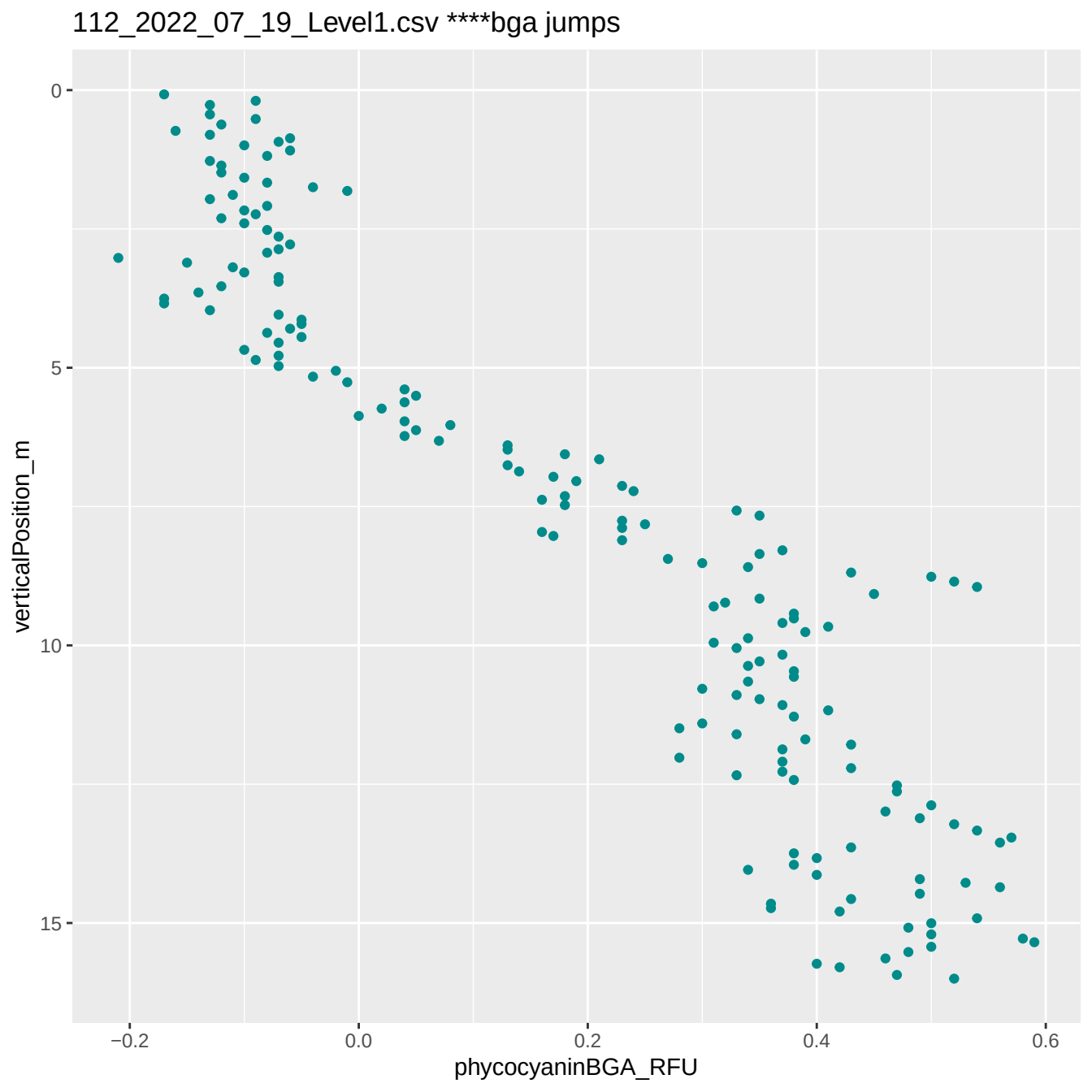

112_2022_06_22_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.3
0.6
0.9
chlorophyll_RFU

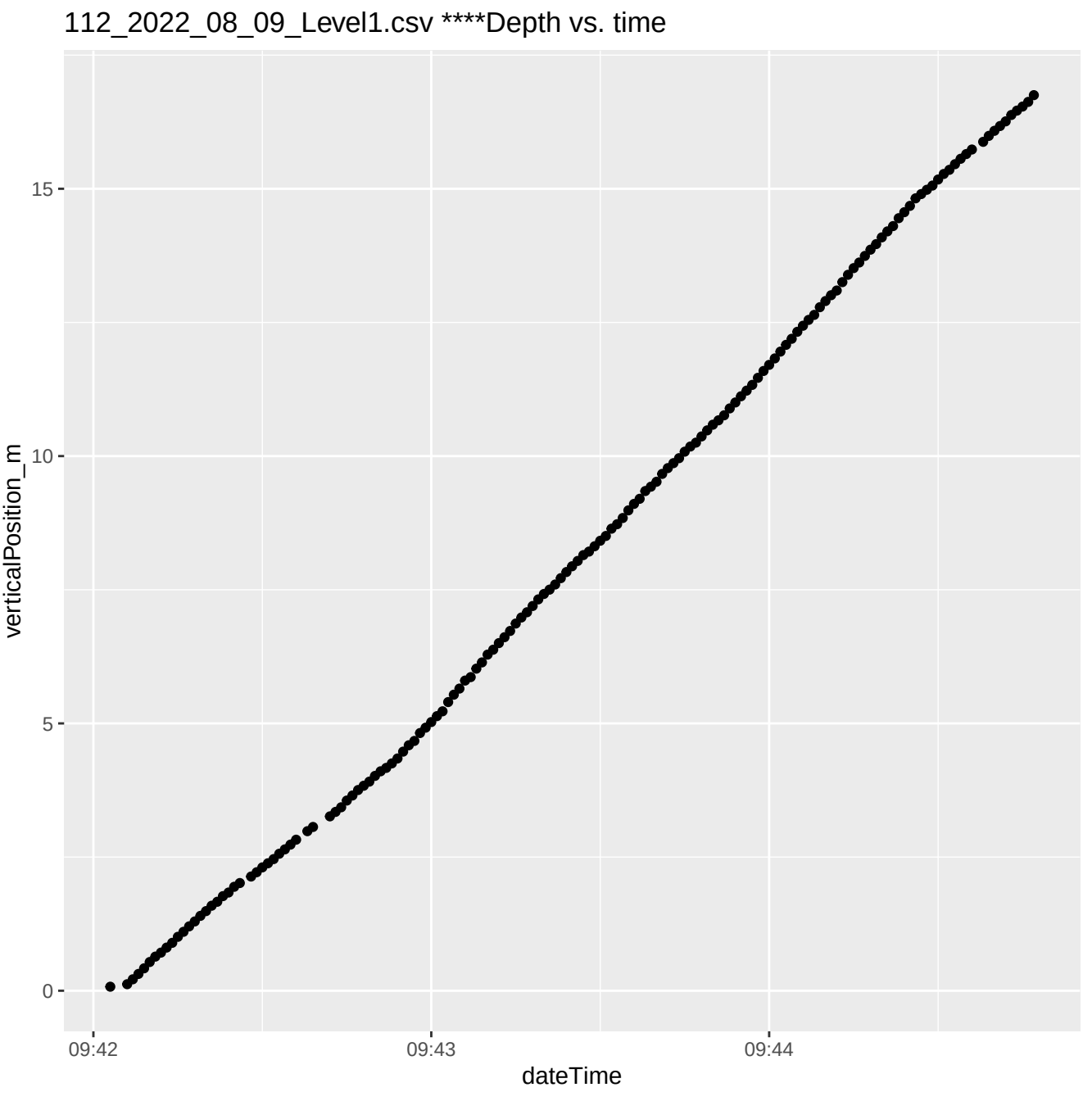

112_2022_06_22_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
−0.5
0.0
0.5
1.0
phycocyaninBGA_RFU

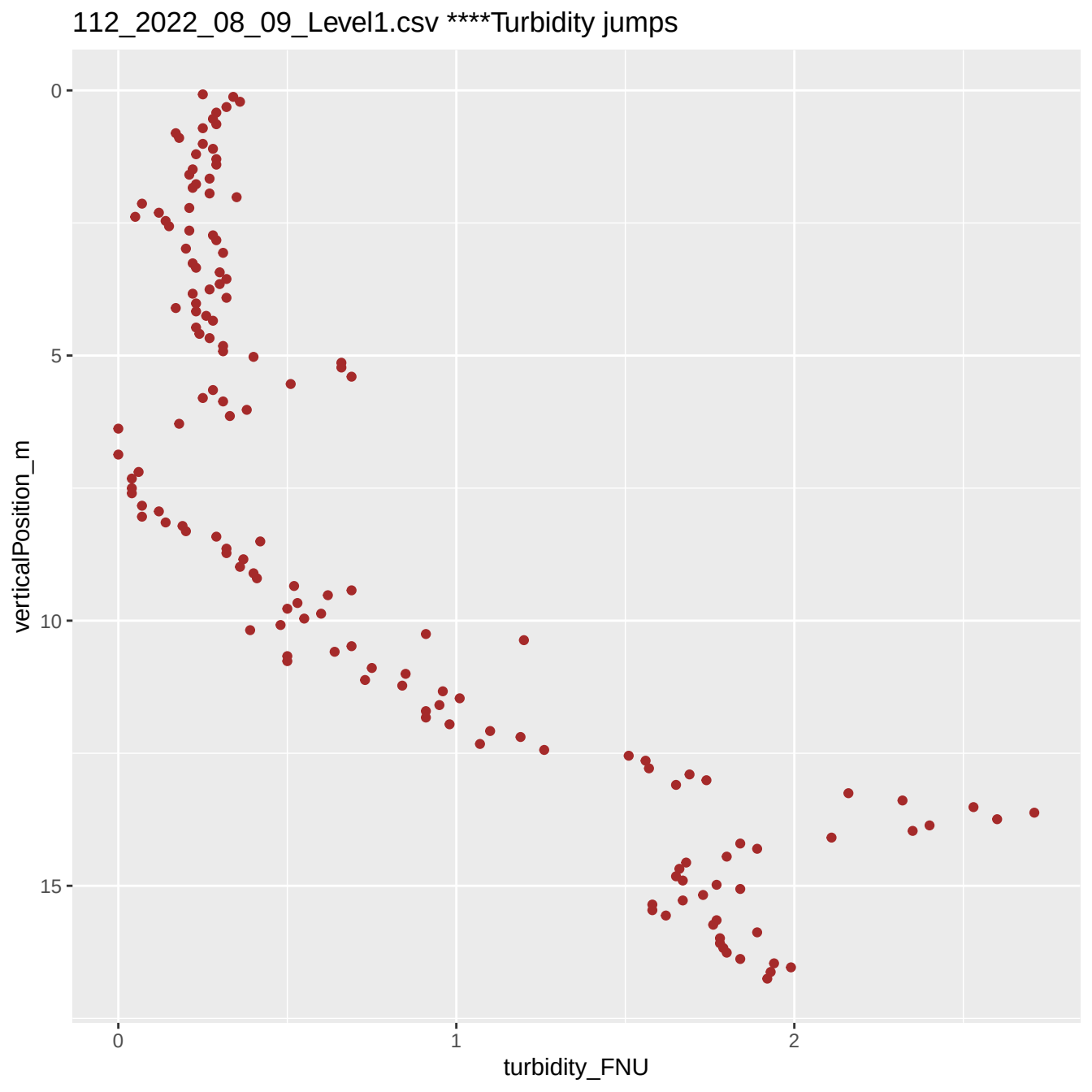

112_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
10:17
10:18
10:19
10:20
dateTime

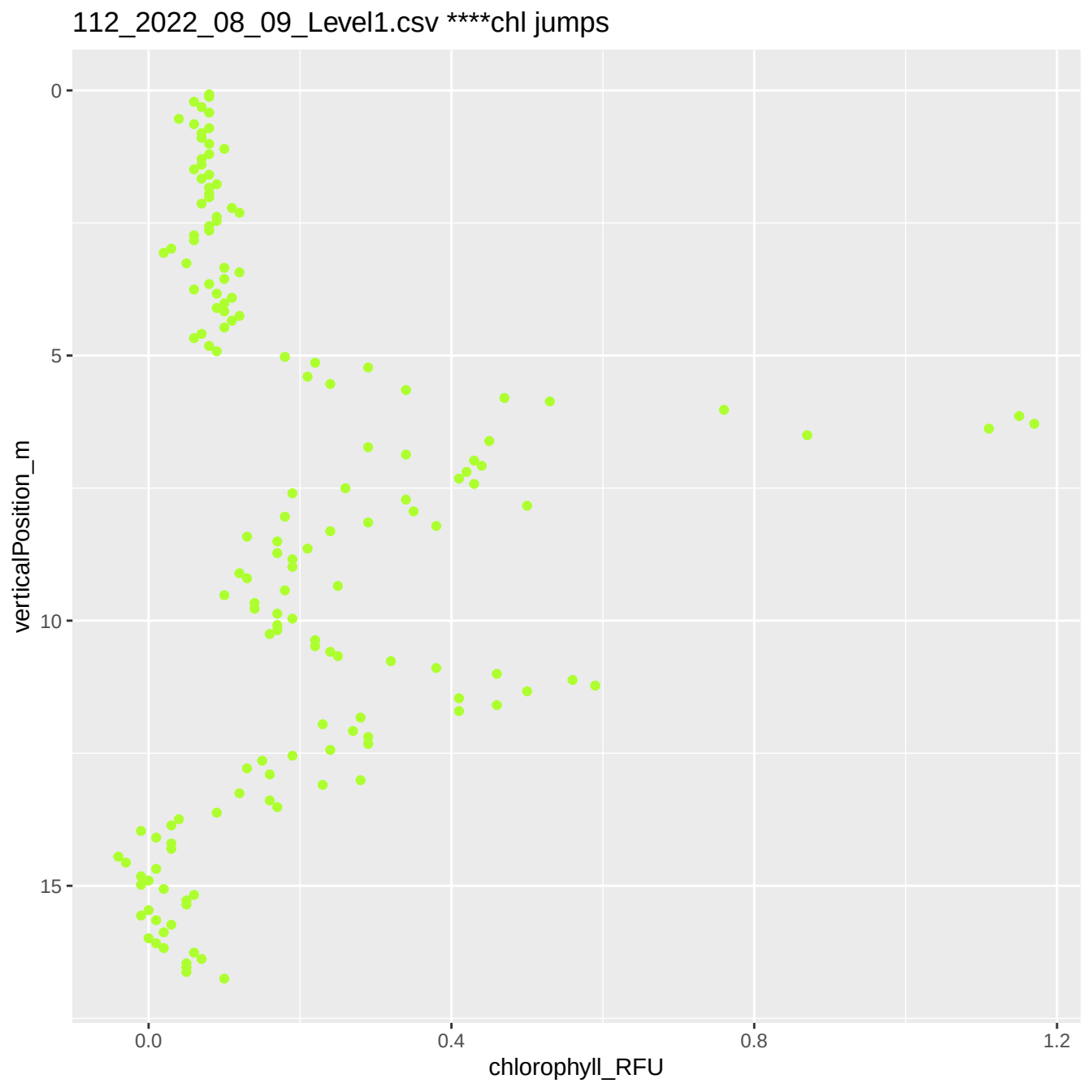

112_2022_07_19_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
5
10
15
waterDensity_kgpm3
996
997
998
999
1000
flag
FALSE
TRUE

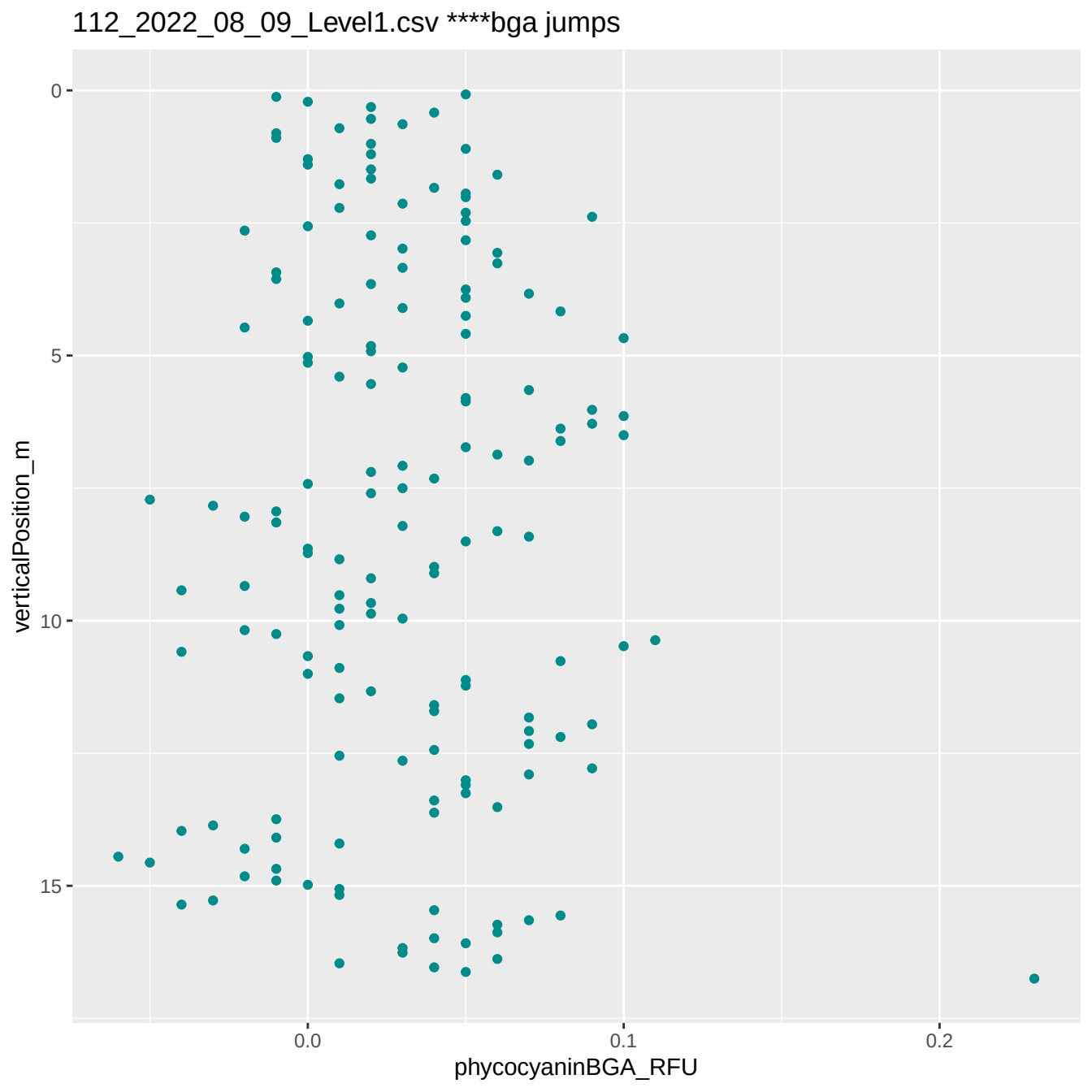

112_2022_07_19_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
5
10
15
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

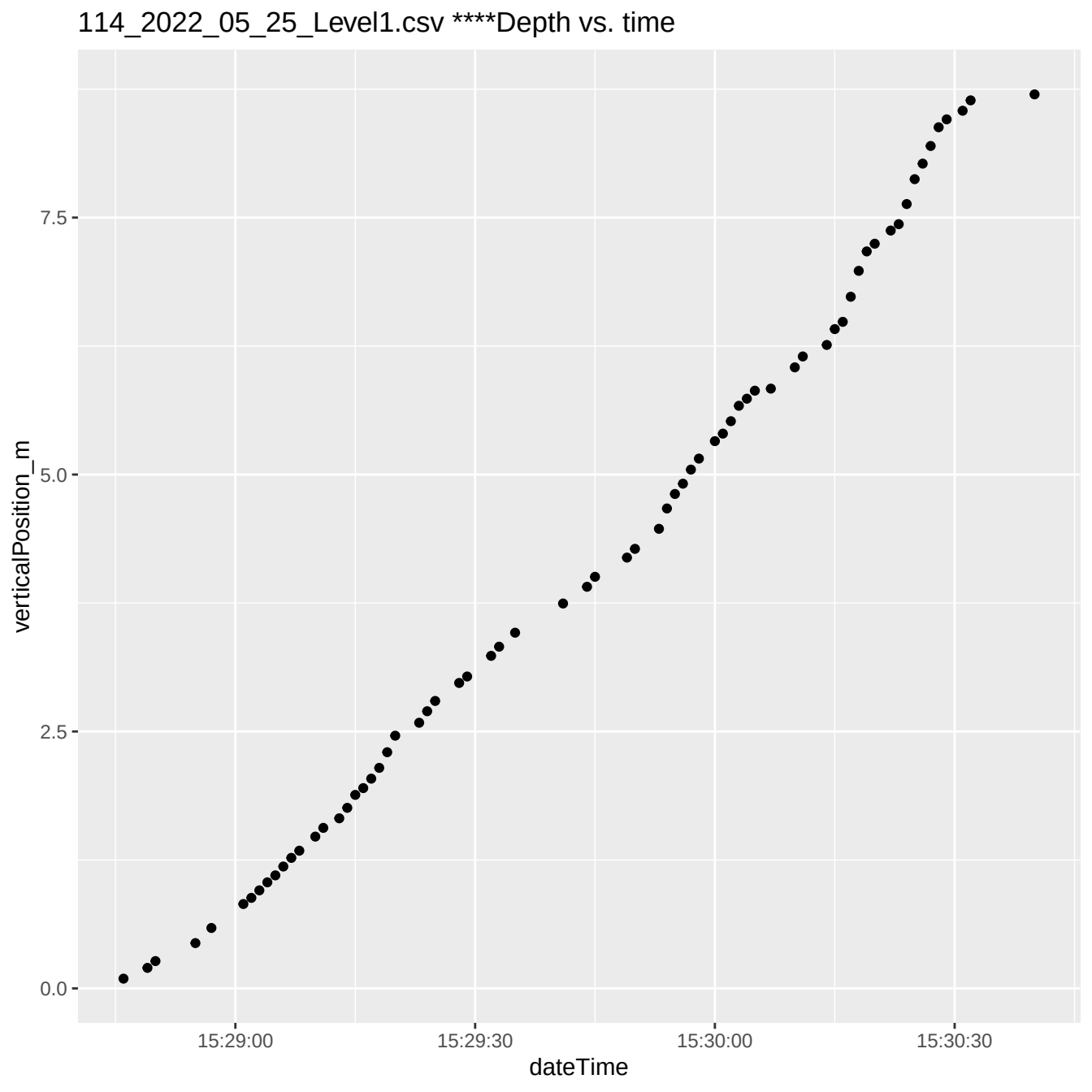

112_2022_07_19_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
−0.2
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

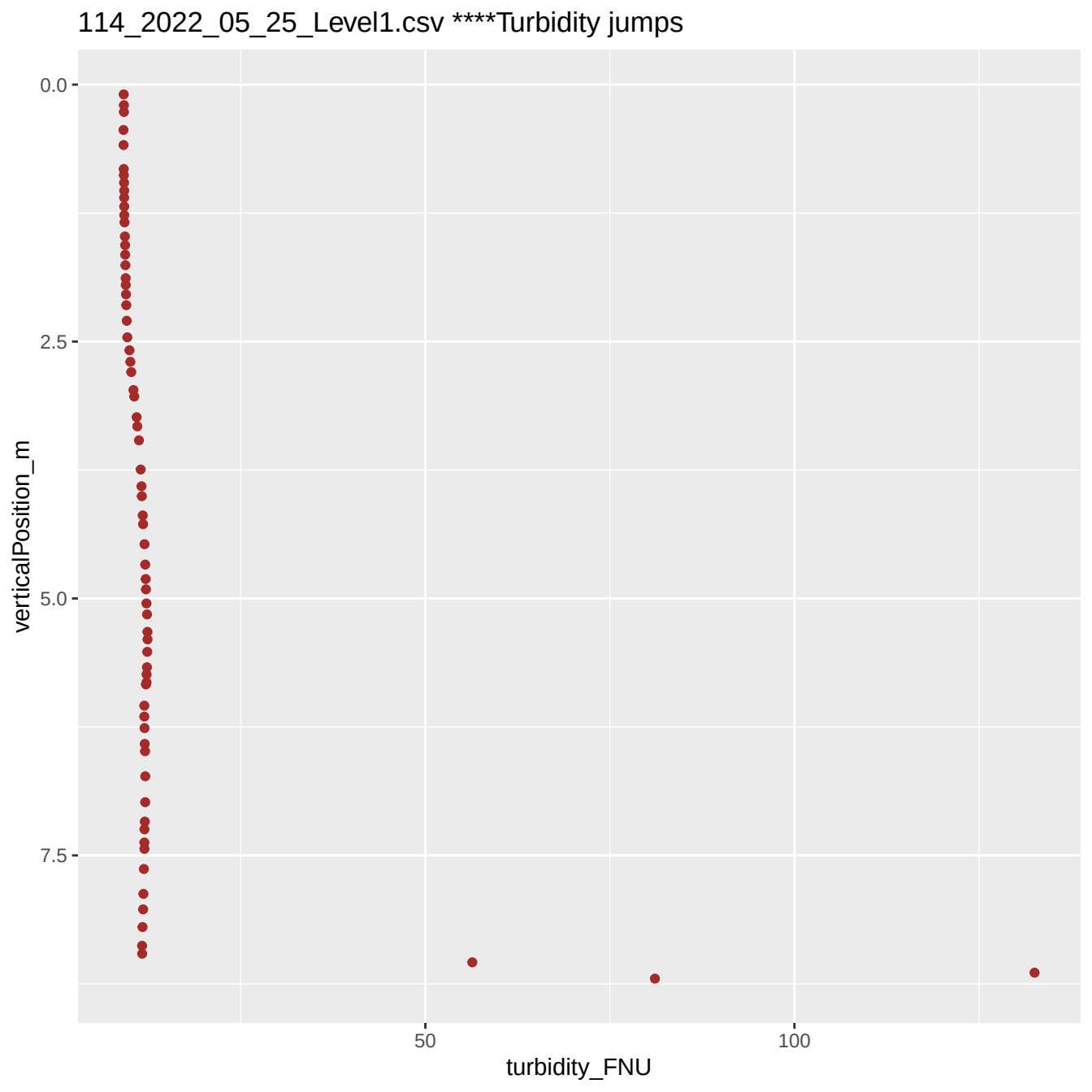

112_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
09:42
09:43
09:44
dateTime

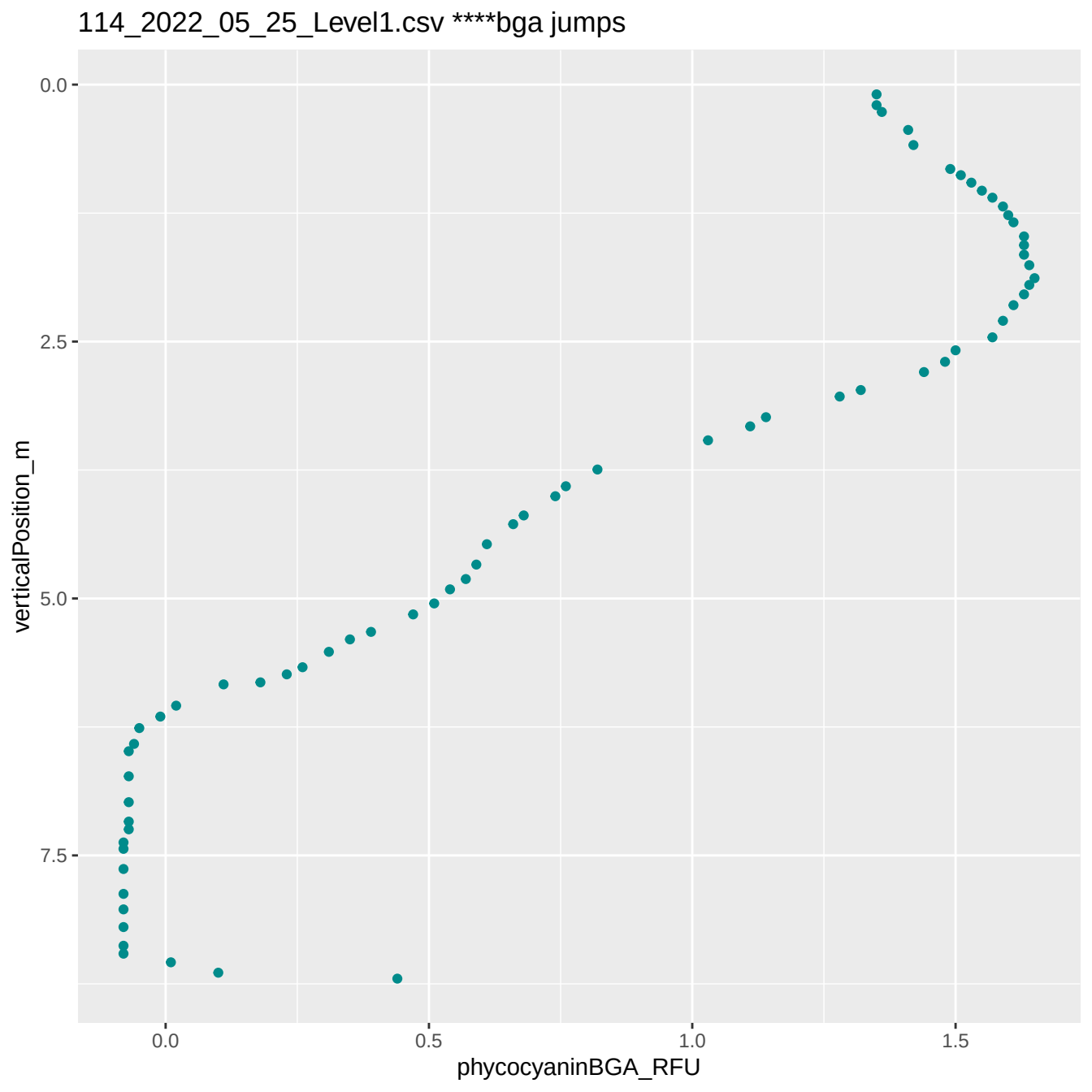

112_2022_08_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
turbidity_FNU
0
1
2

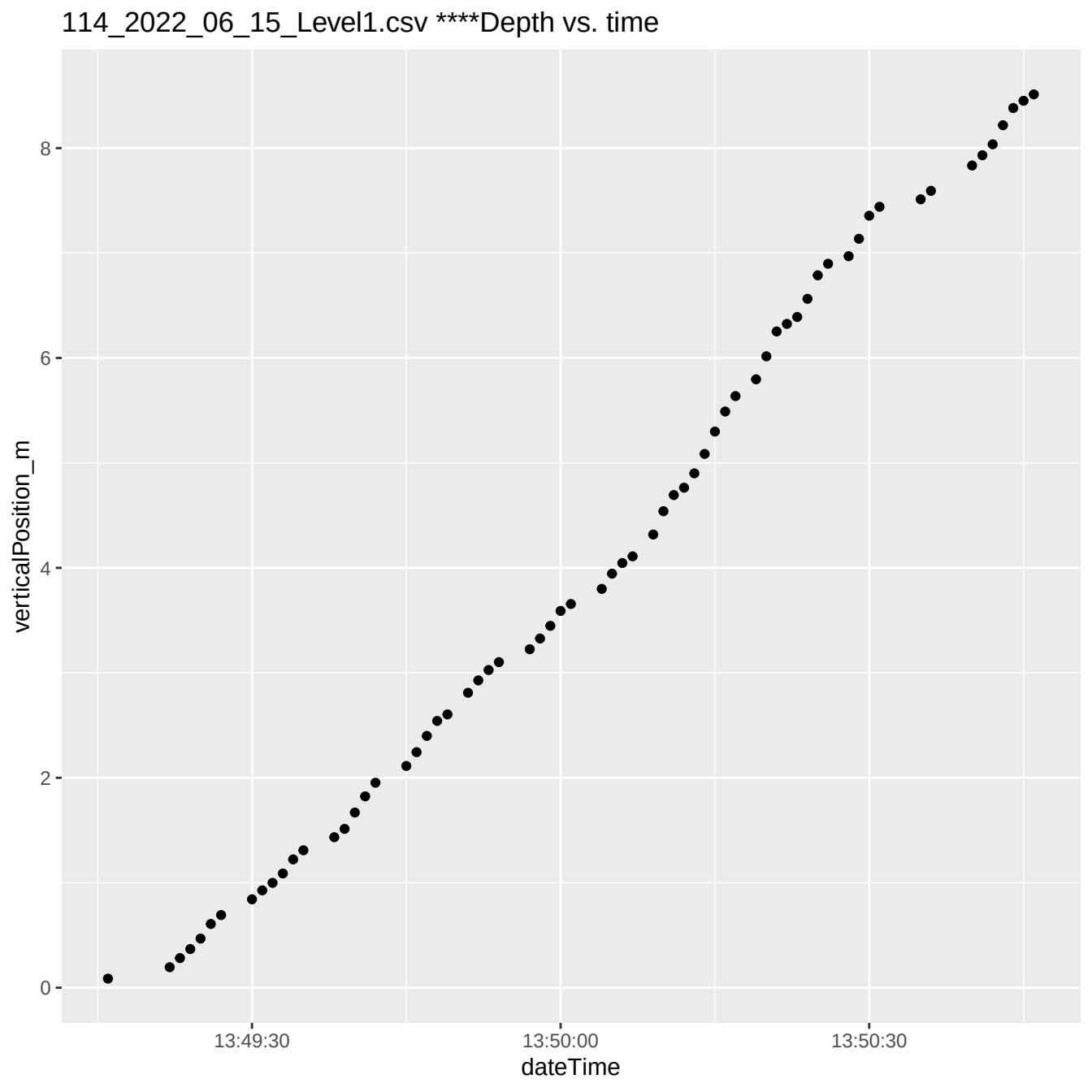

112_2022_08_09_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
0.0
0.4
0.8
1.2
chlorophyll_RFU

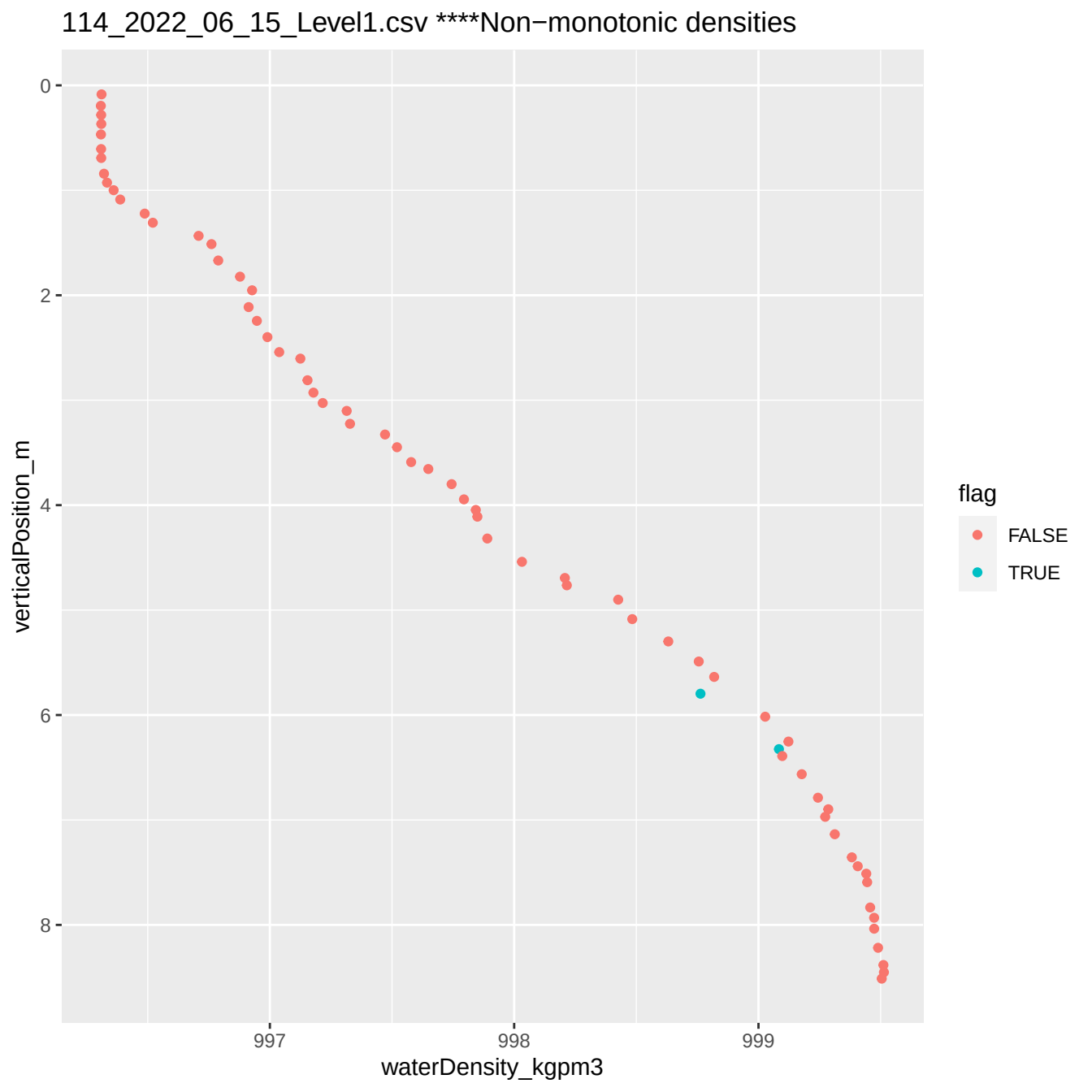

112_2022_08_09_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.1
0.2
phycocyaninBGA_RFU

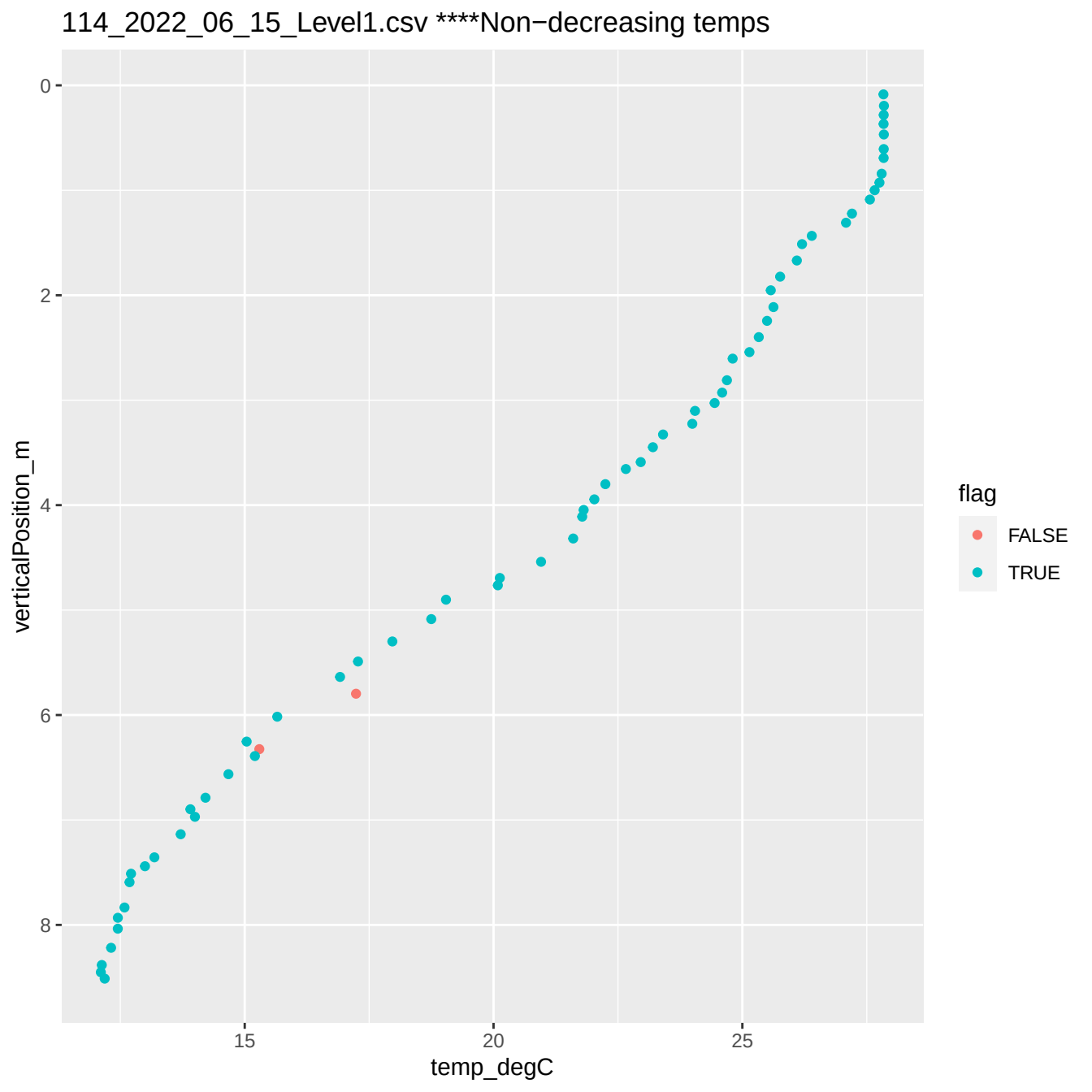

114_2022_05_25_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
15:29:00
15:29:30
15:30:00
15:30:30
dateTime

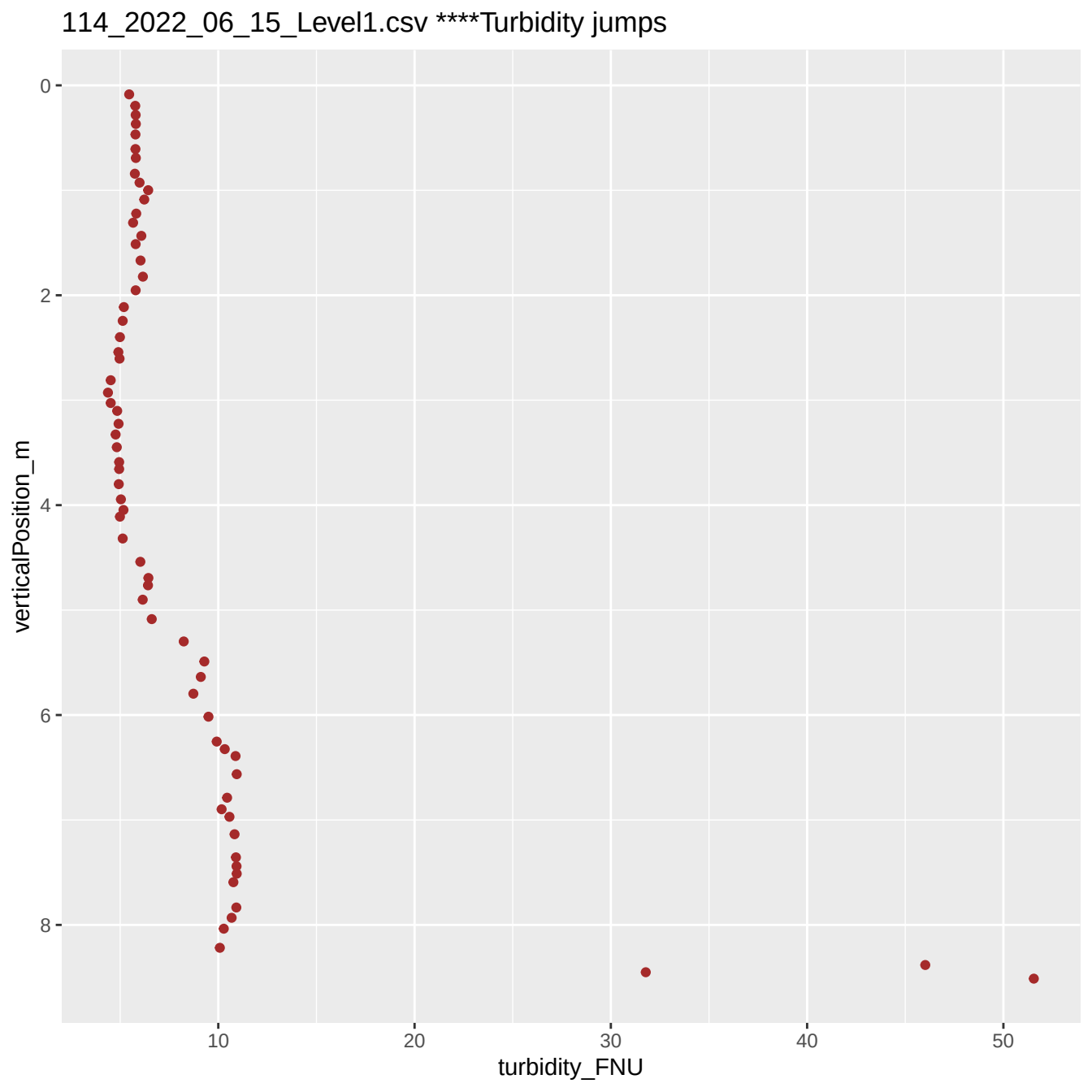

114_2022_05_25_Level1.csv ****Turbidity jumps
0.0
2.5
5.0
7.5
verticalPosition_m
50
100
turbidity_FNU

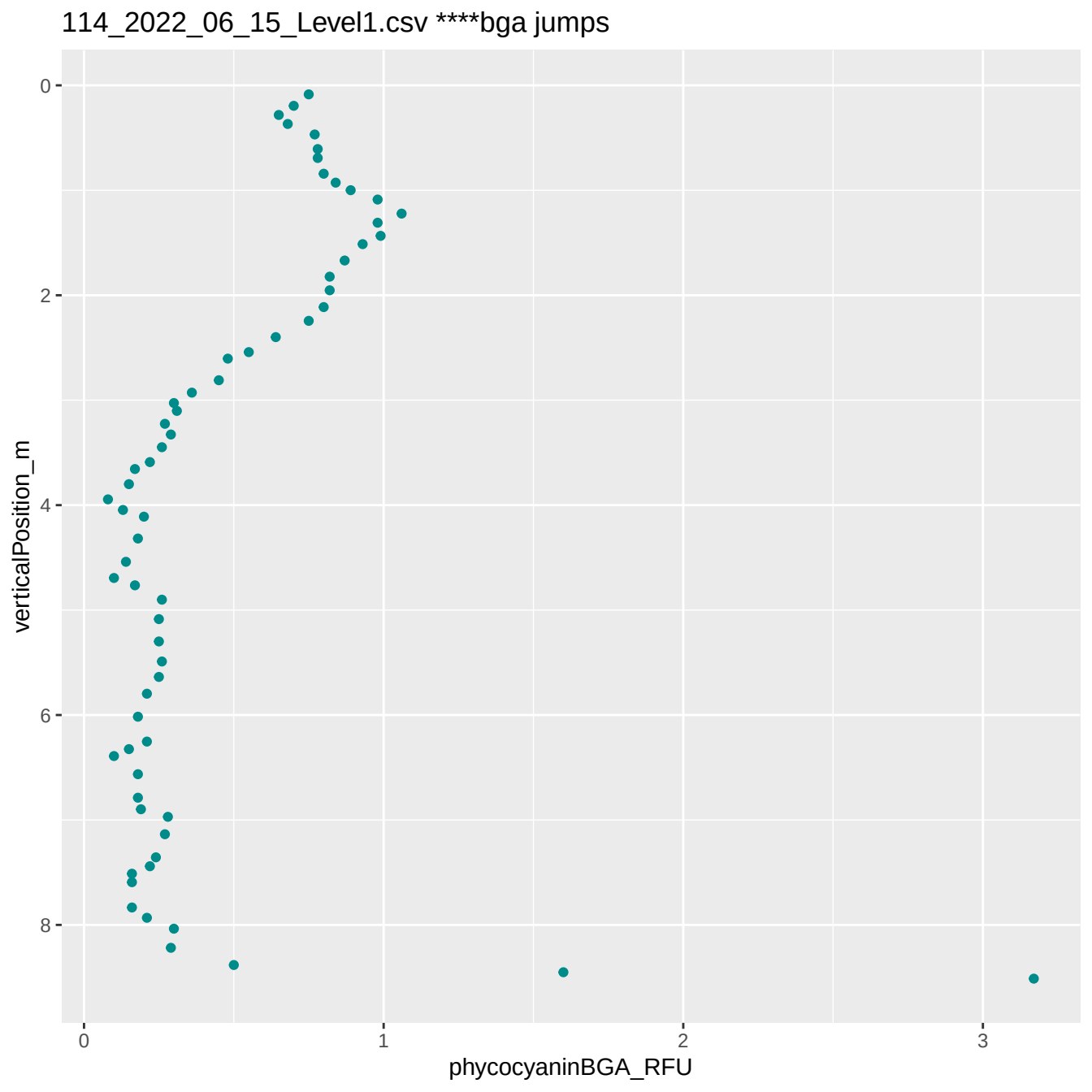

114_2022_05_25_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
0.0
0.5
1.0
1.5
phycocyaninBGA_RFU

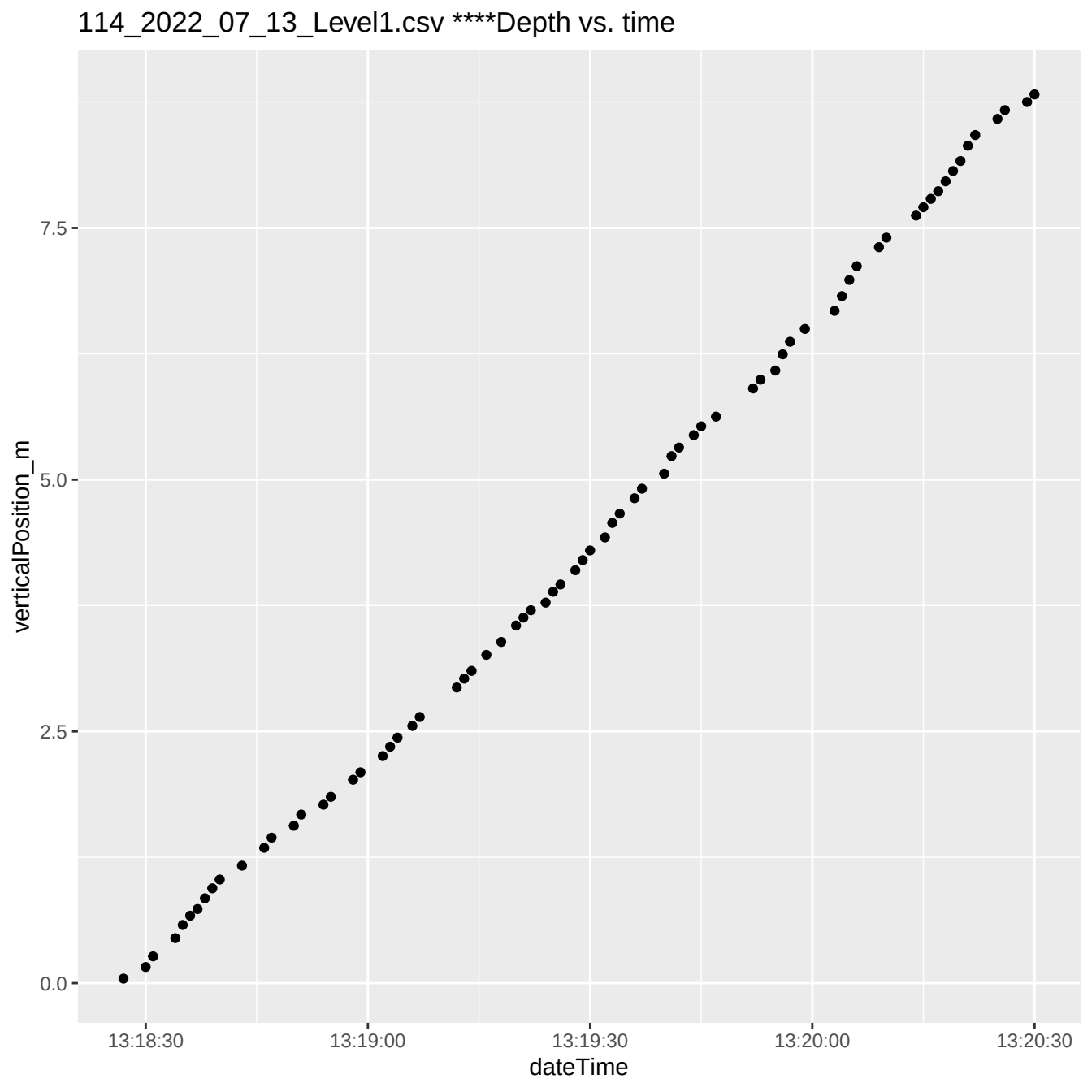

114_2022_06_15_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
13:49:30
13:50:00
13:50:30
dateTime

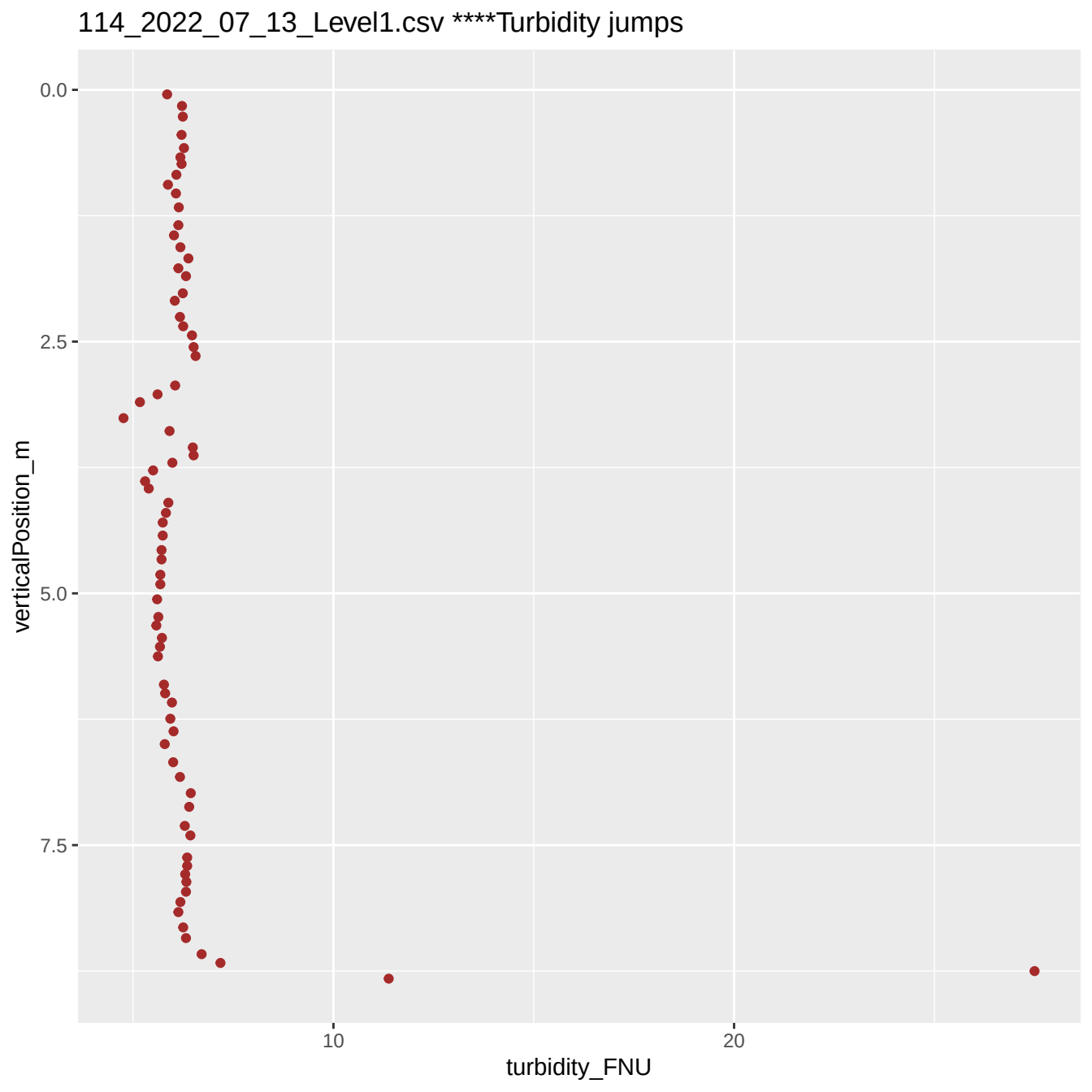

114_2022_06_15_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
8
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

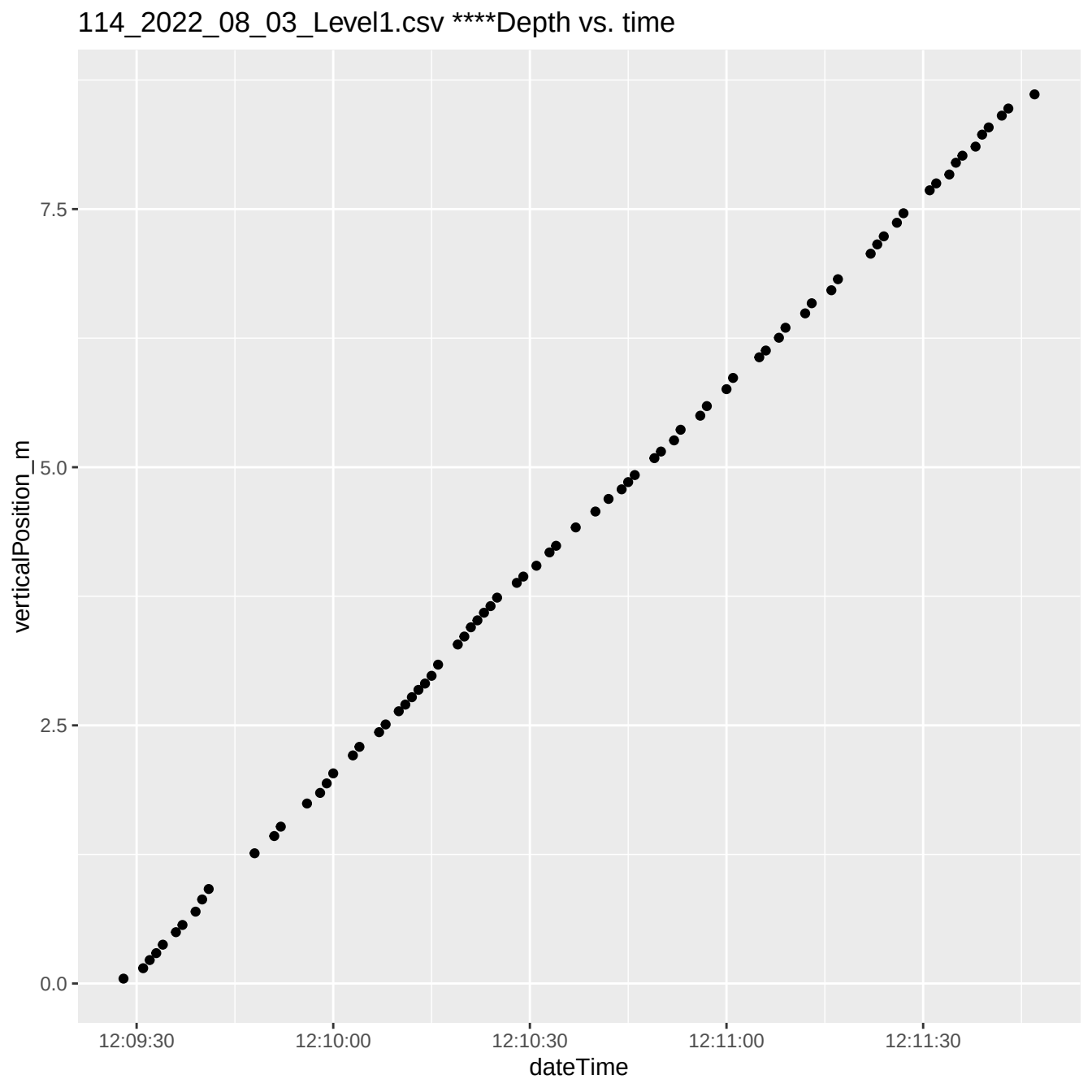

114_2022_06_15_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
8
15
20
25
temp_degC
flag
FALSE
TRUE

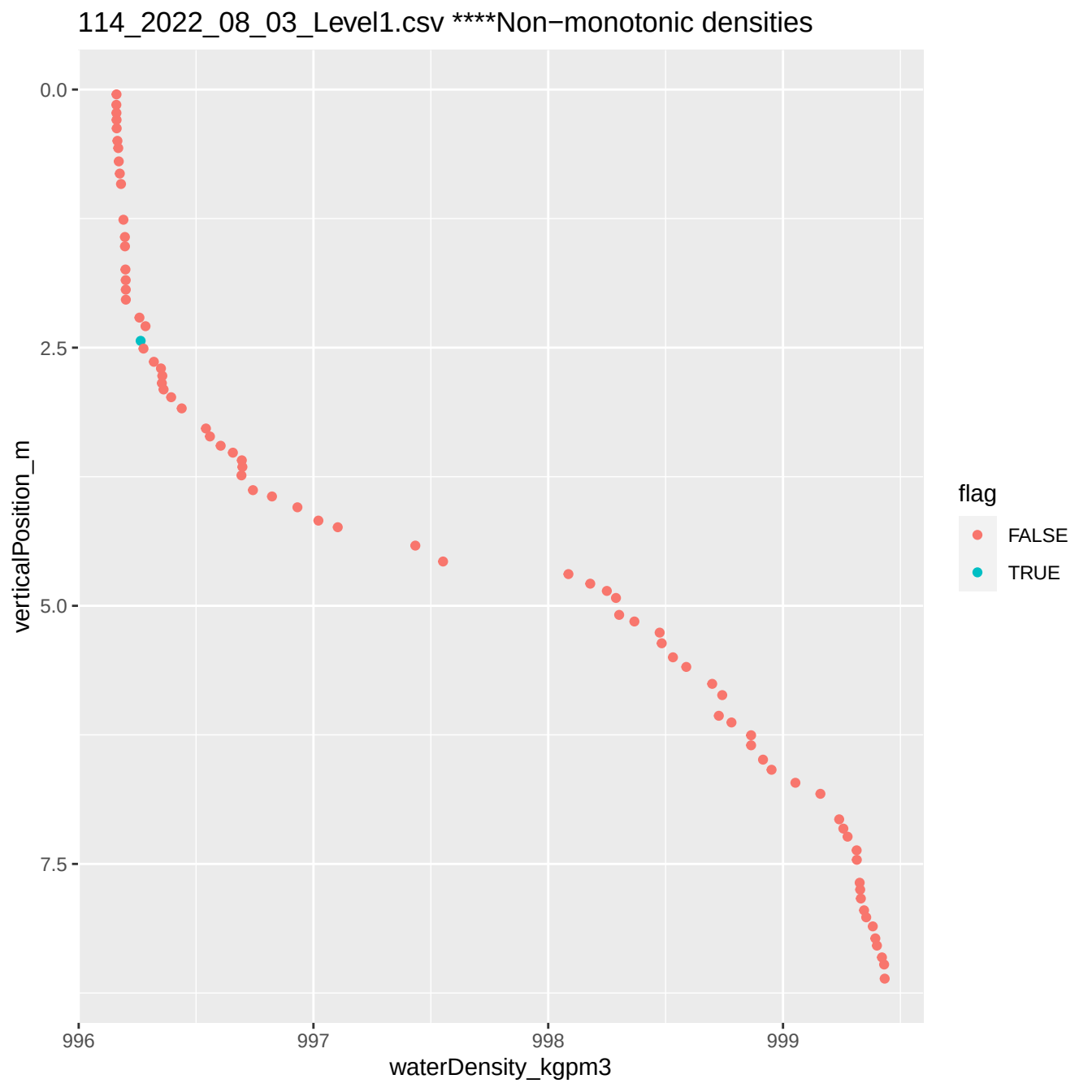

114_2022_06_15_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
turbidity_FNU
10
20
30
40
50

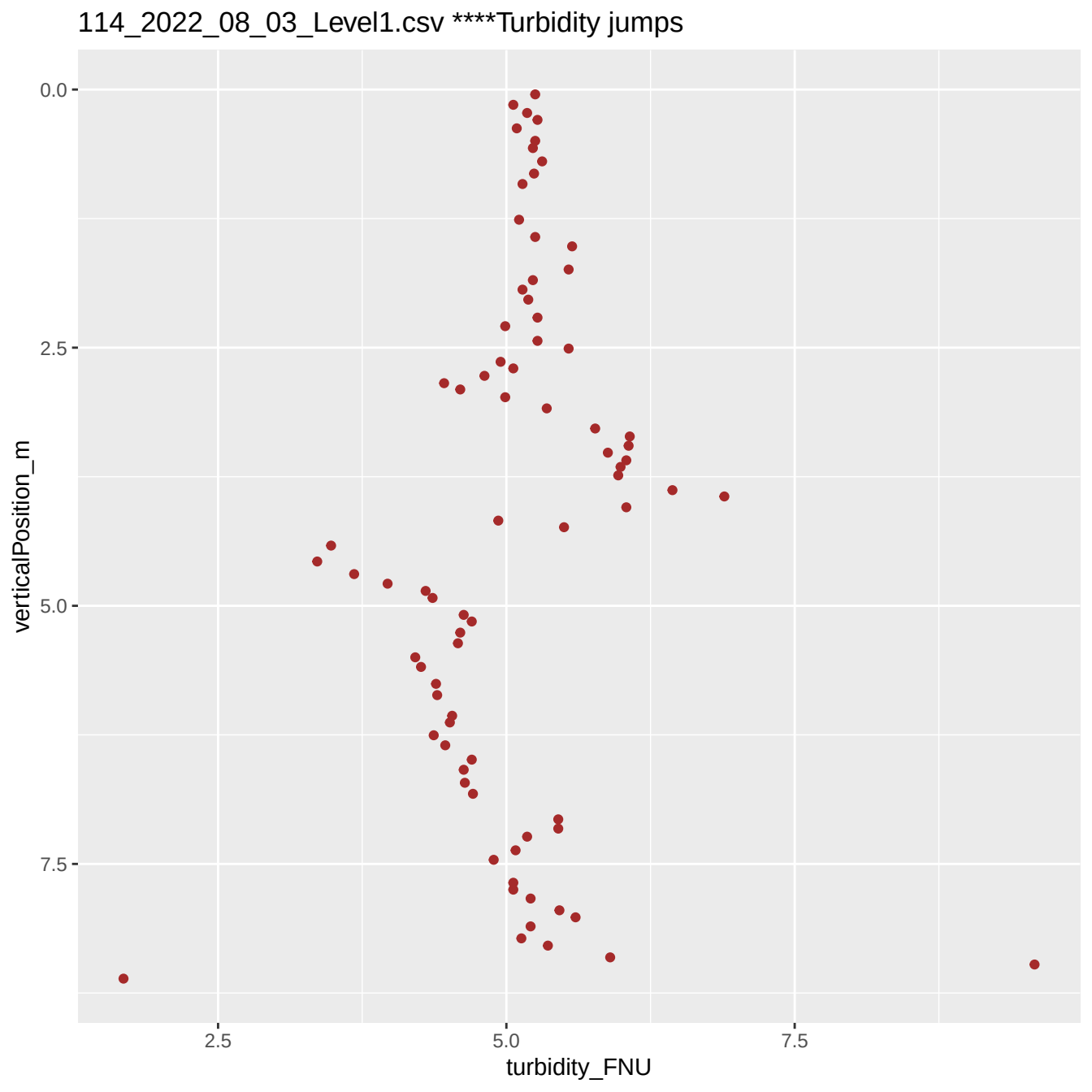

114_2022_06_15_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
0
1
2
3
phycocyaninBGA_RFU

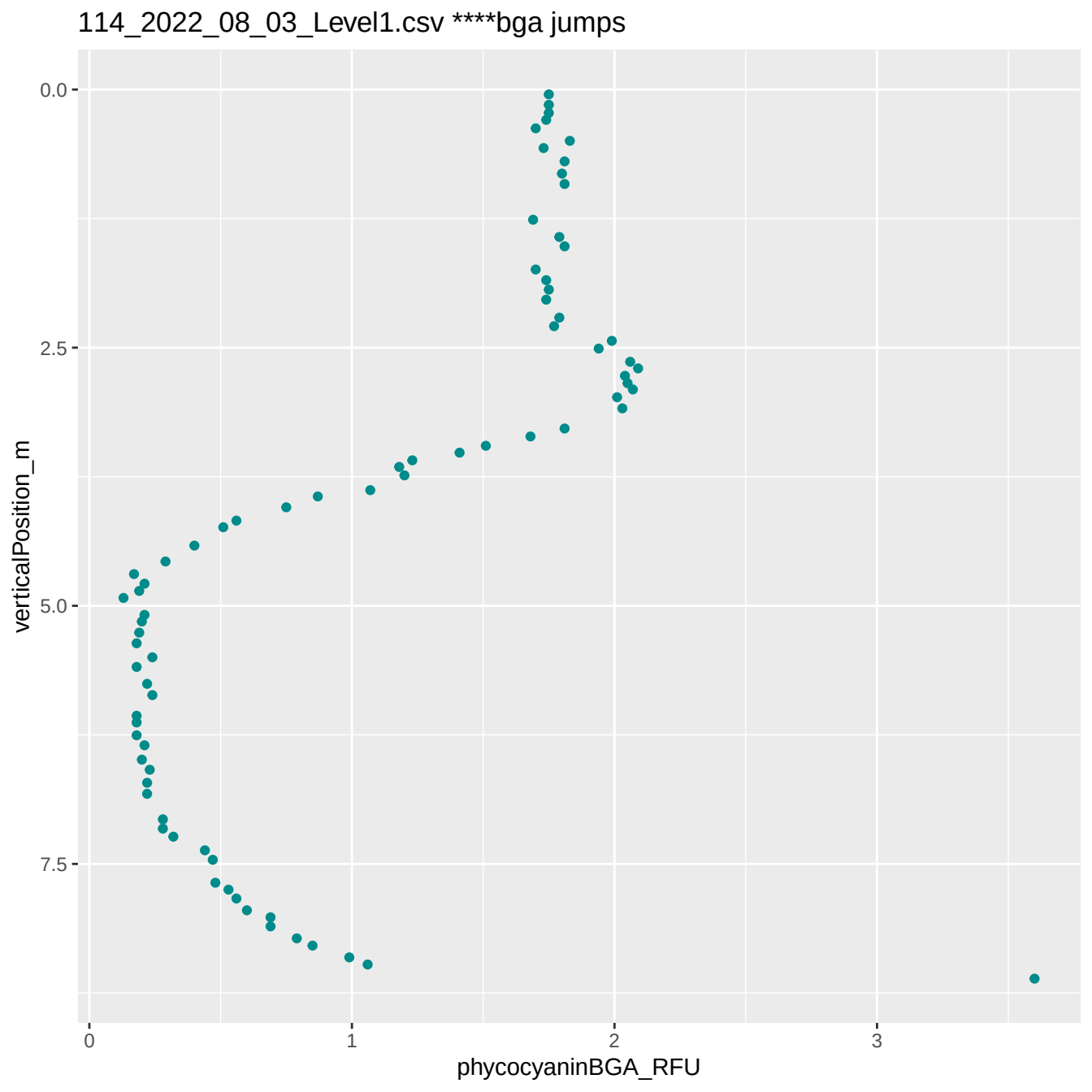

114_2022_07_13_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
13:18:30
13:19:00
13:19:30
13:20:00
13:20:30
dateTime

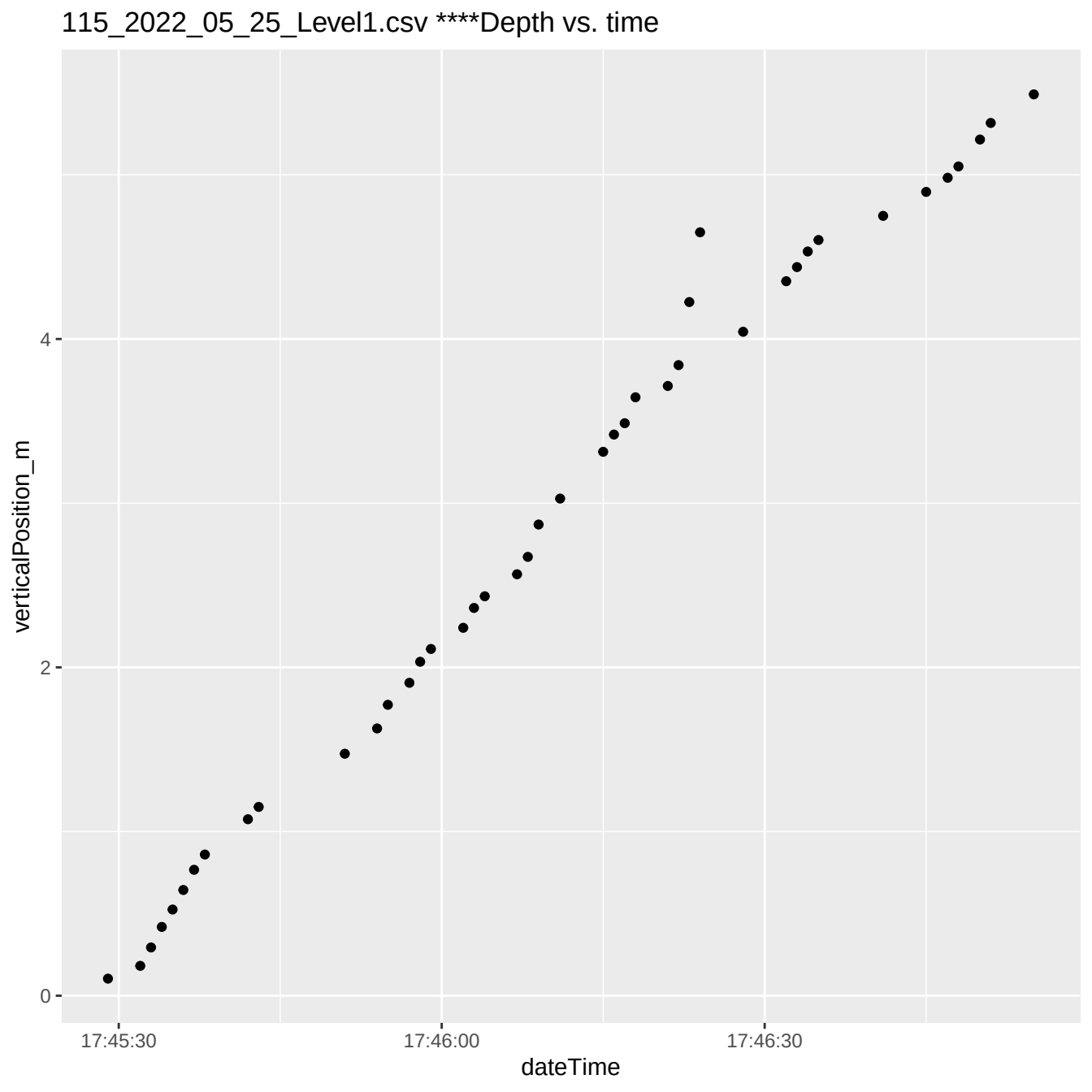

114_2022_07_13_Level1.csv ****Turbidity jumps
0.0
2.5
5.0
7.5
verticalPosition_m
10
20
turbidity_FNU

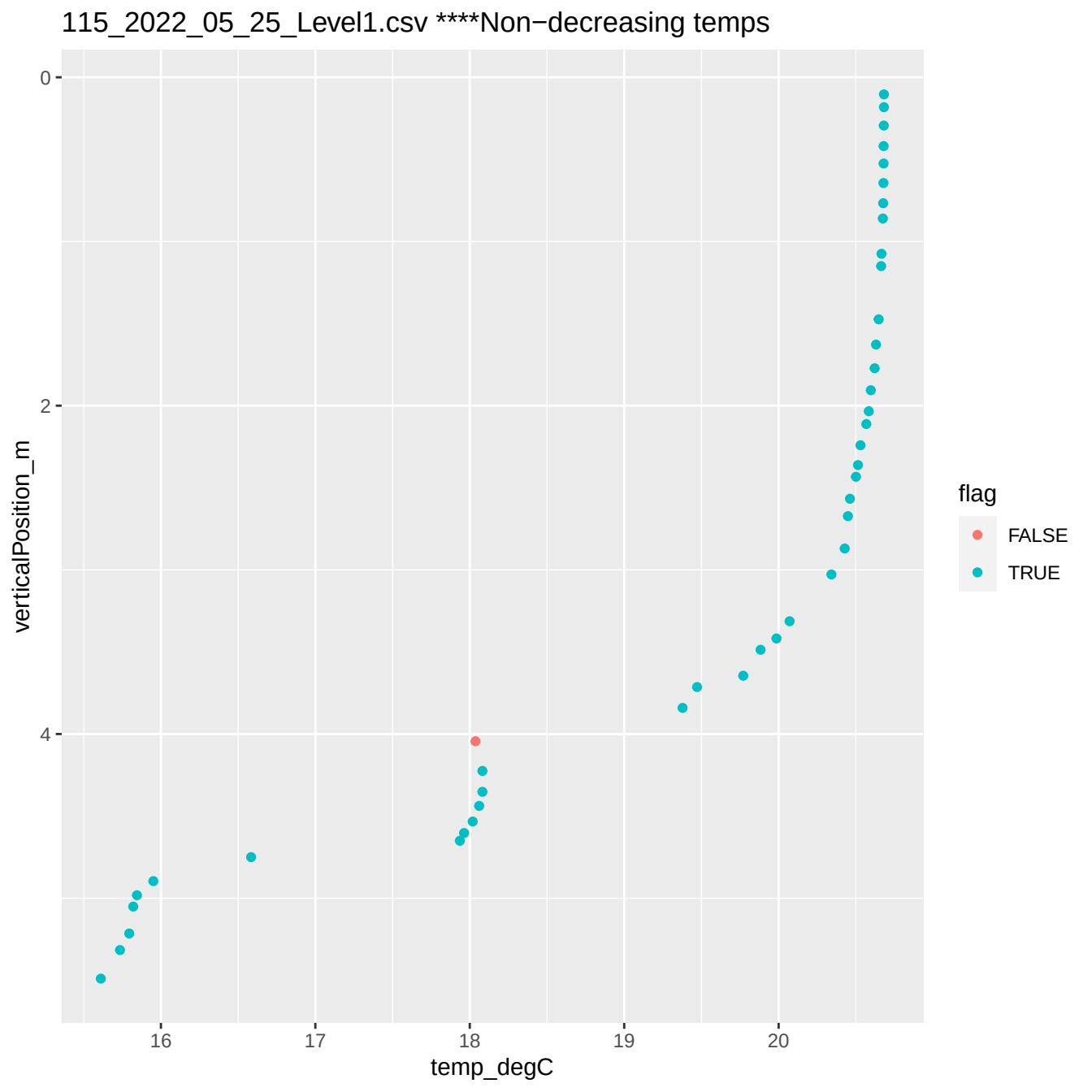

114_2022_08_03_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
12:09:30
12:10:00
12:10:30
12:11:00
12:11:30
dateTime

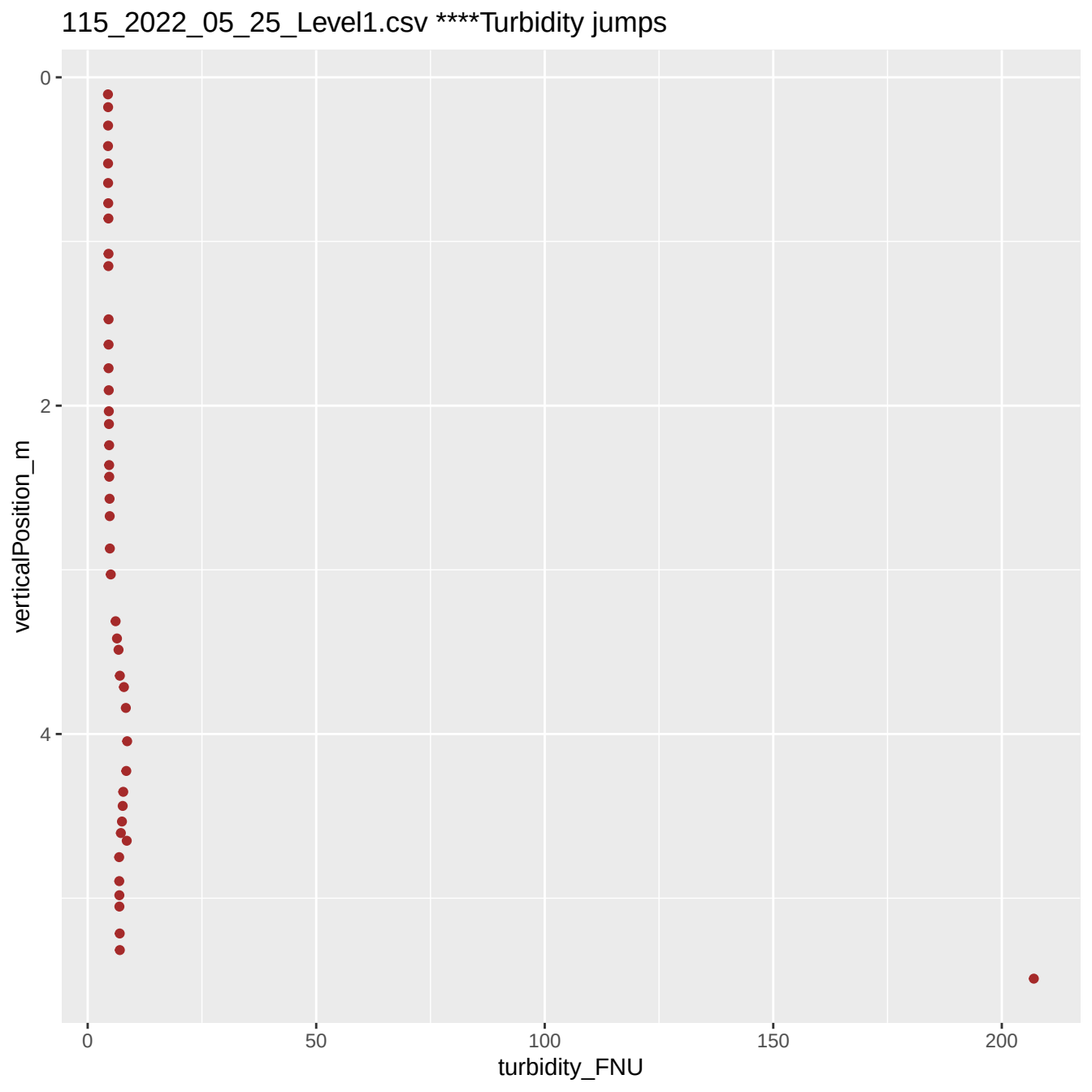

114_2022_08_03_Level1.csv ****Non−monotonic densities
0.0
2.5
5.0
7.5
verticalPosition_m
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

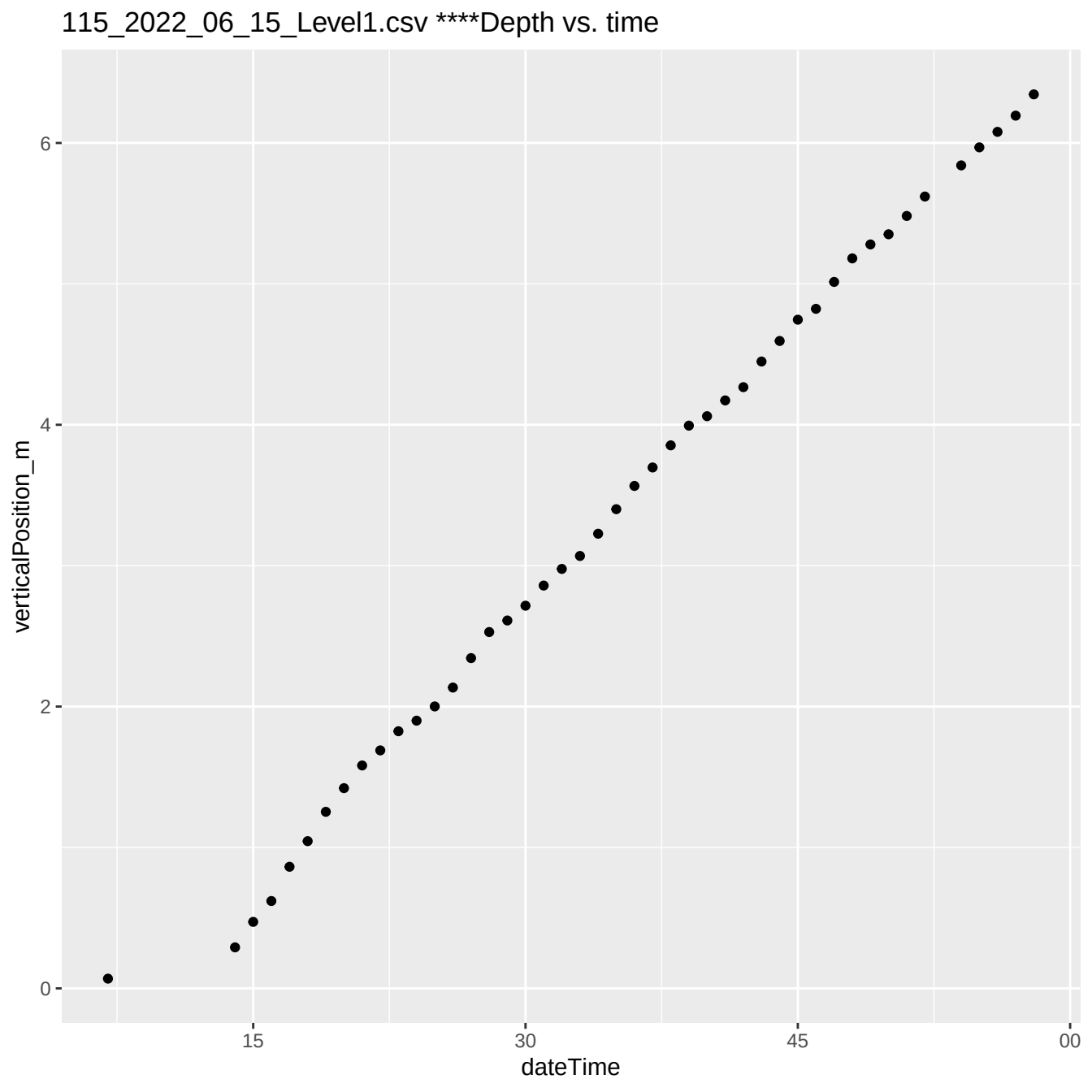

114_2022_08_03_Level1.csv ****Turbidity jumps
0.0
2.5
5.0
7.5
verticalPosition_m
2.5
5.0
7.5
turbidity_FNU

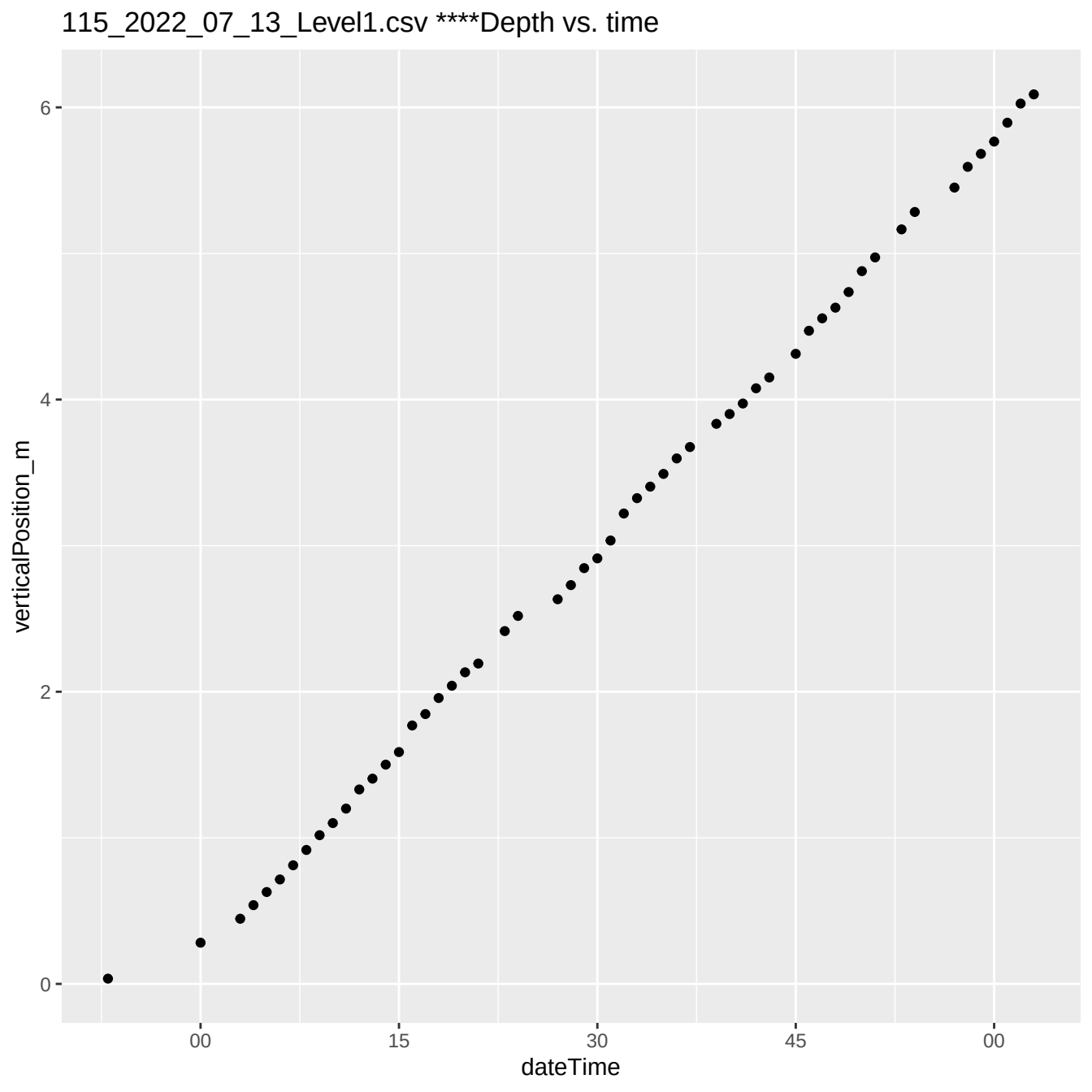

114_2022_08_03_Level1.csv ****bga jumps
0.0
2.5
5.0
7.5
verticalPosition_m
0
1
2
3
phycocyaninBGA_RFU

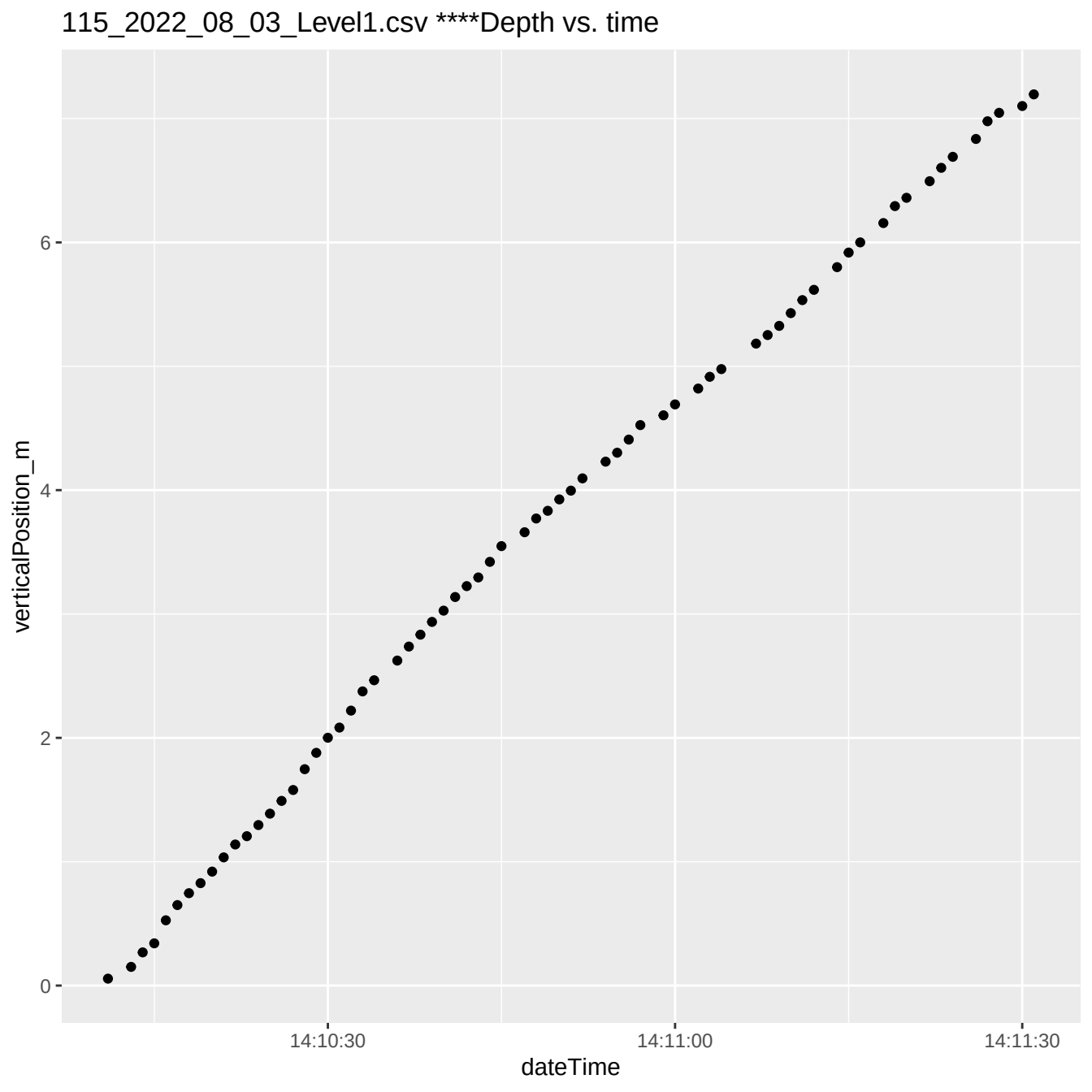

115_2022_05_25_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
17:45:30
17:46:00
17:46:30
dateTime

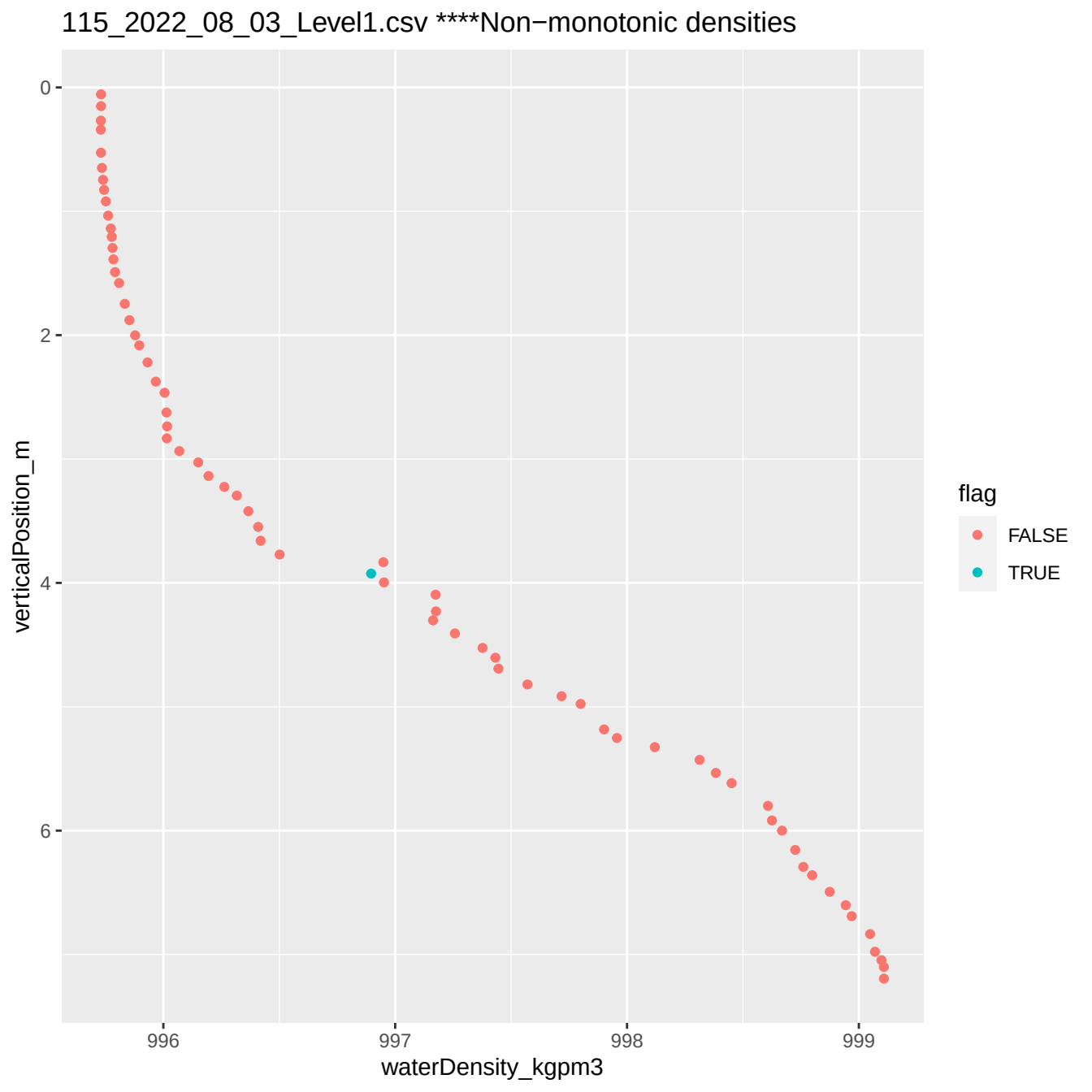

115_2022_05_25_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
16
17
18
19
20
temp_degC
flag
FALSE
TRUE

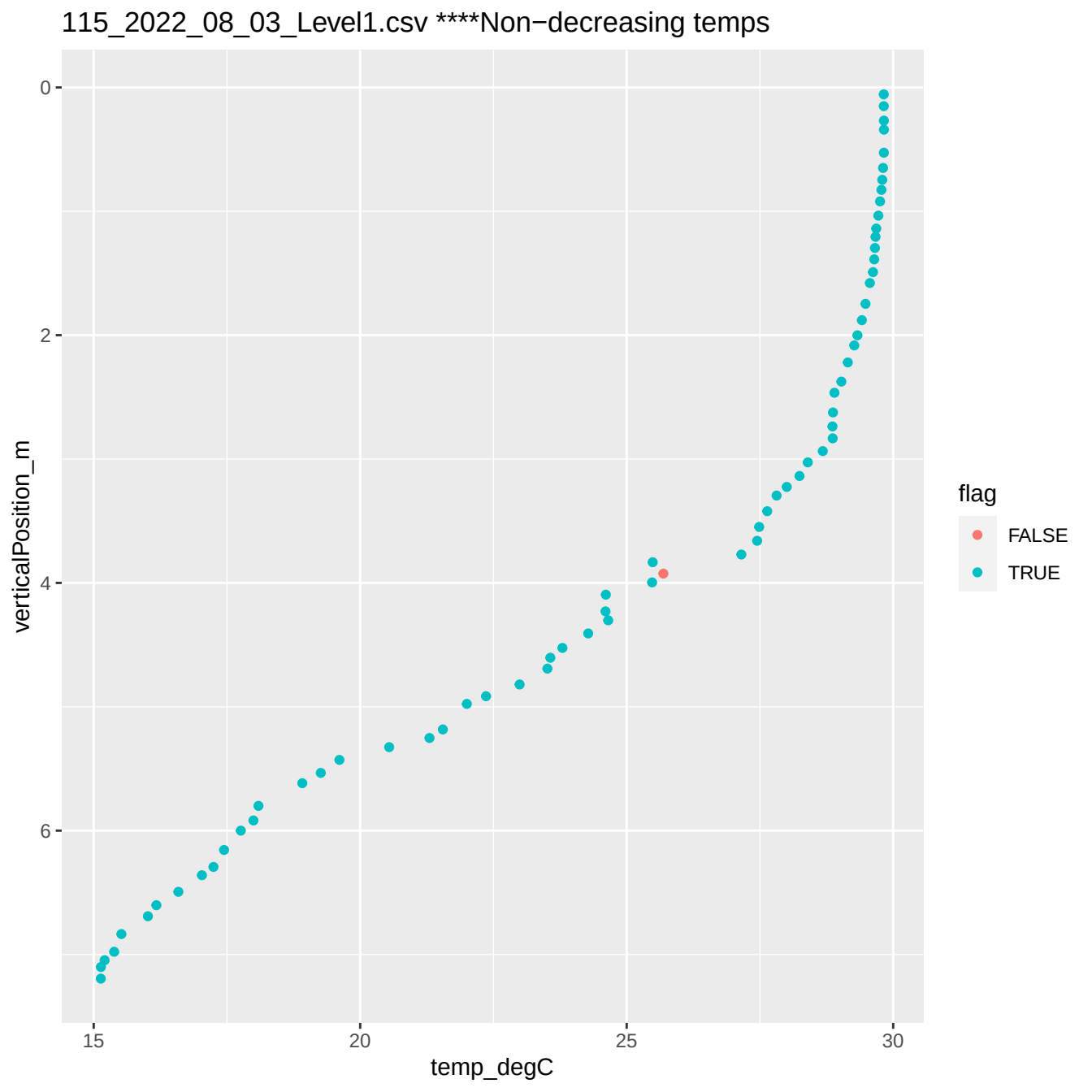

115_2022_05_25_Level1.csv ****Turbidity jumps
0
2
4
verticalPosition_m
0
50
100
150
200
turbidity_FNU

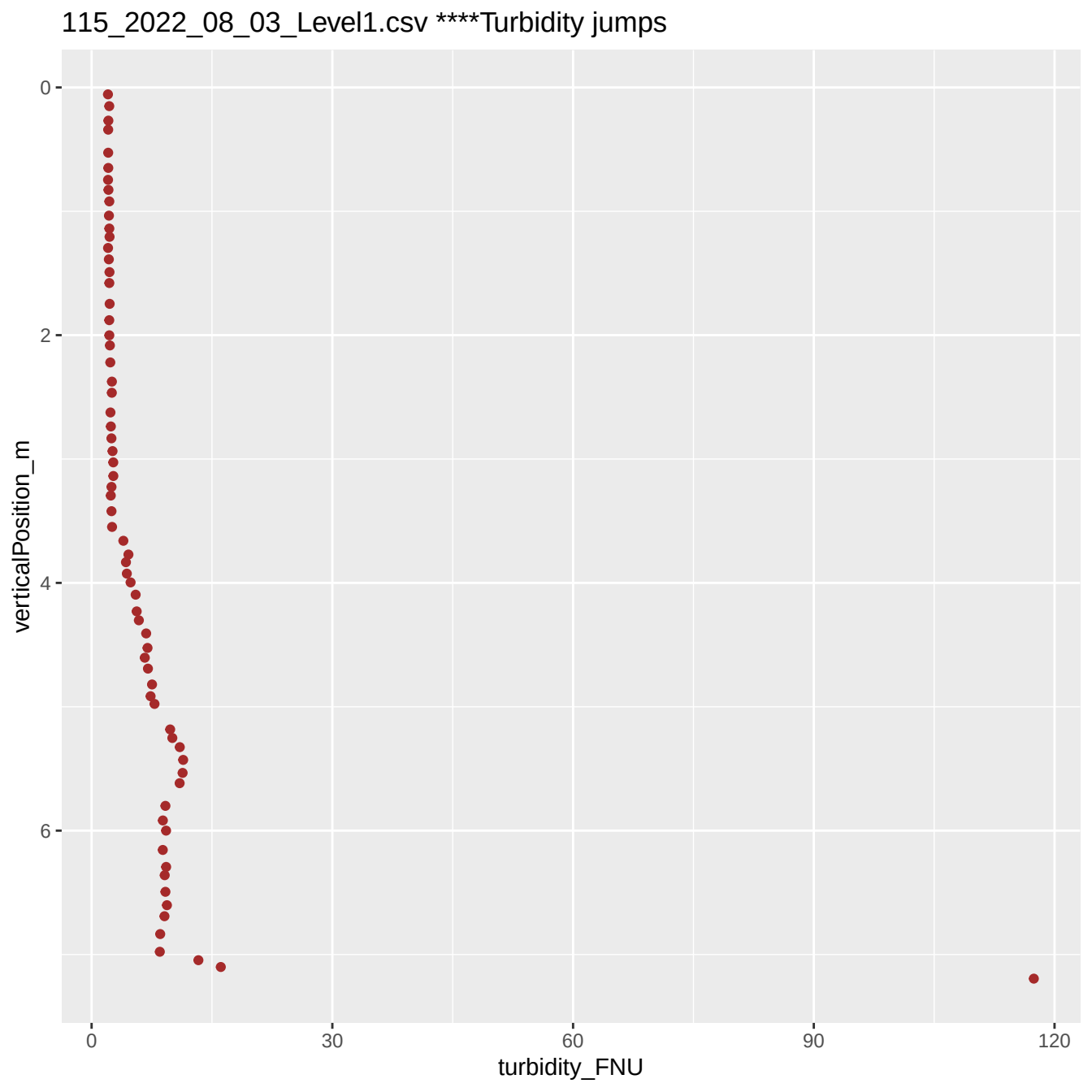

115_2022_06_15_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15
30
45
00
dateTime

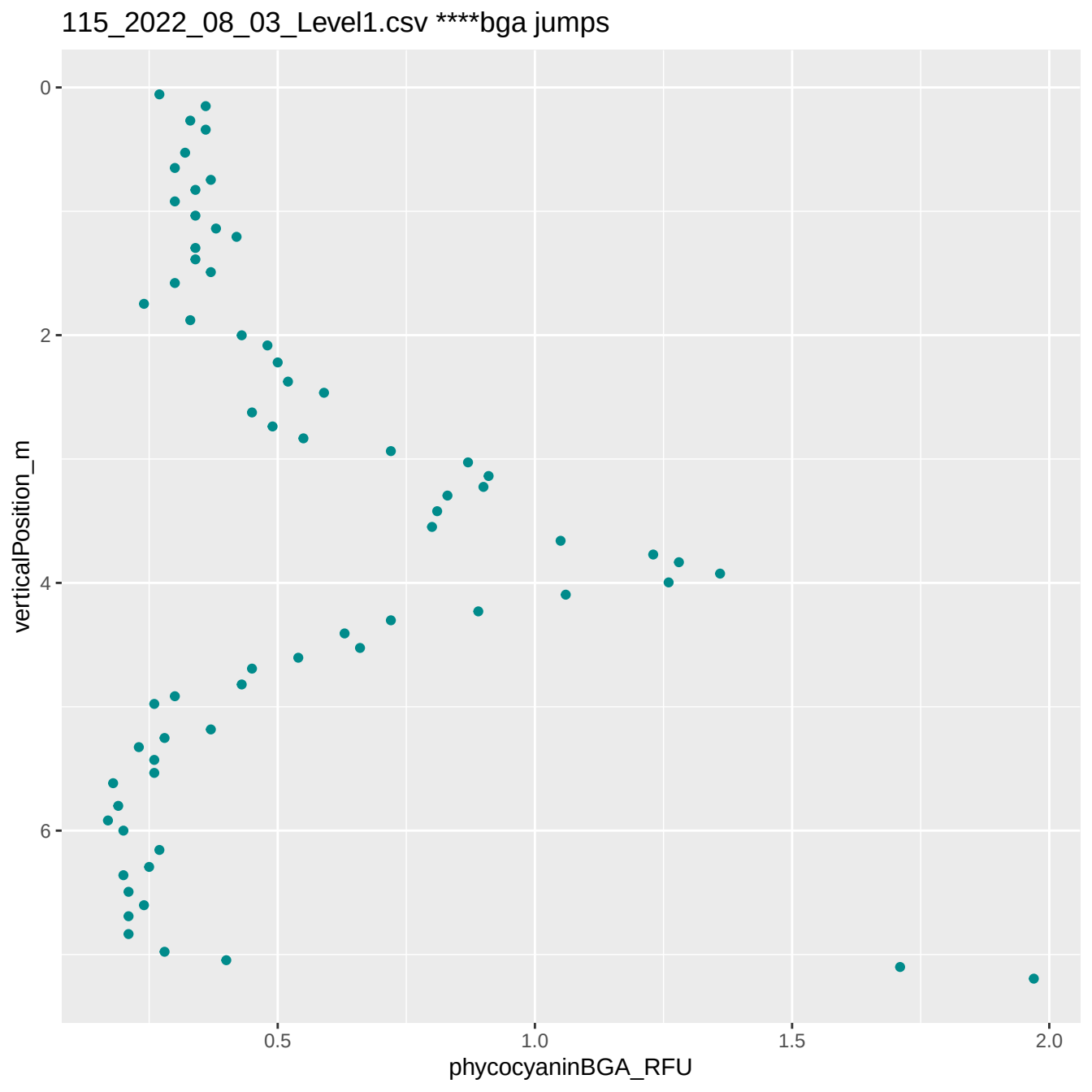

115_2022_07_13_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
00
15
30
45
00
dateTime

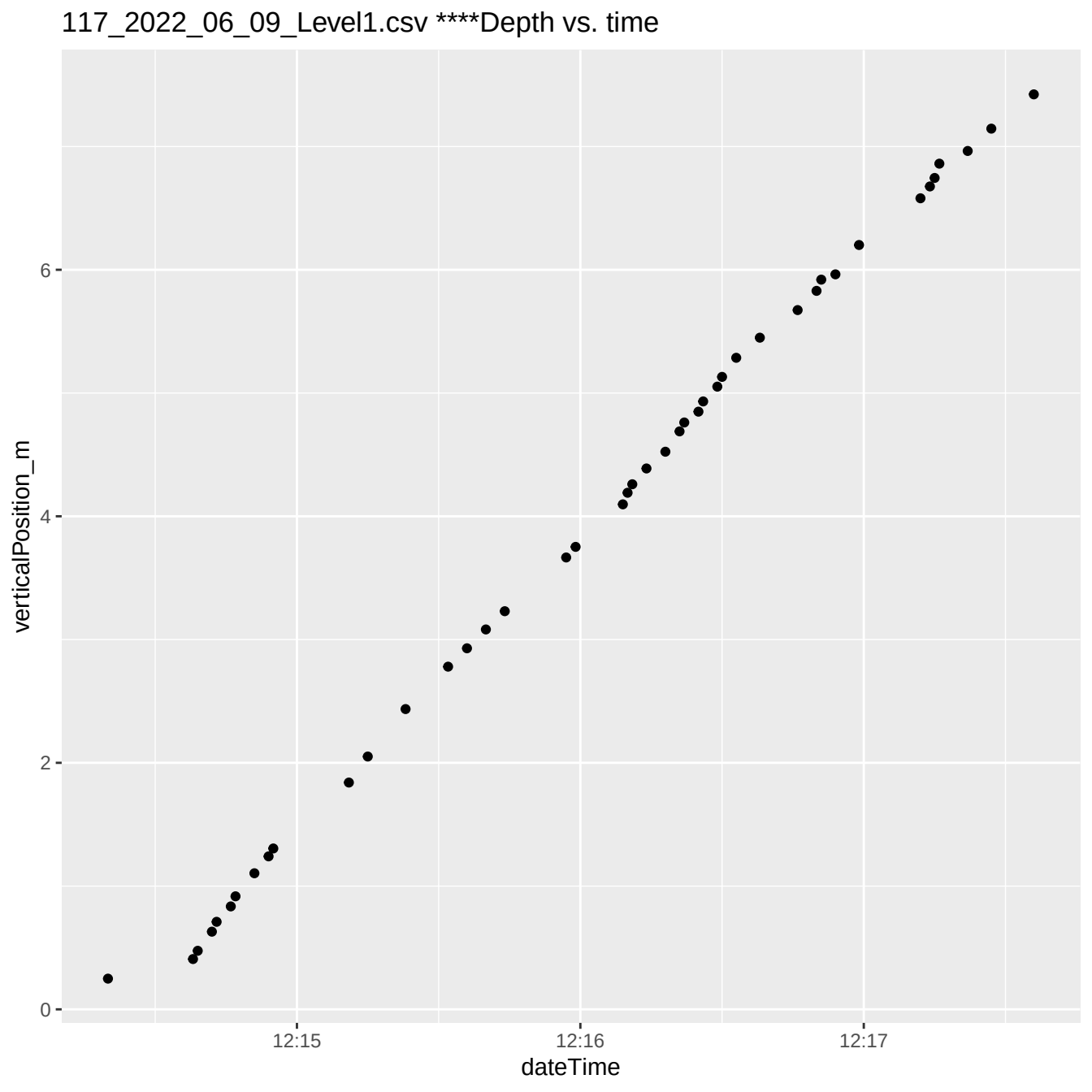

115_2022_08_03_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
14:10:30
14:11:00
14:11:30
dateTime

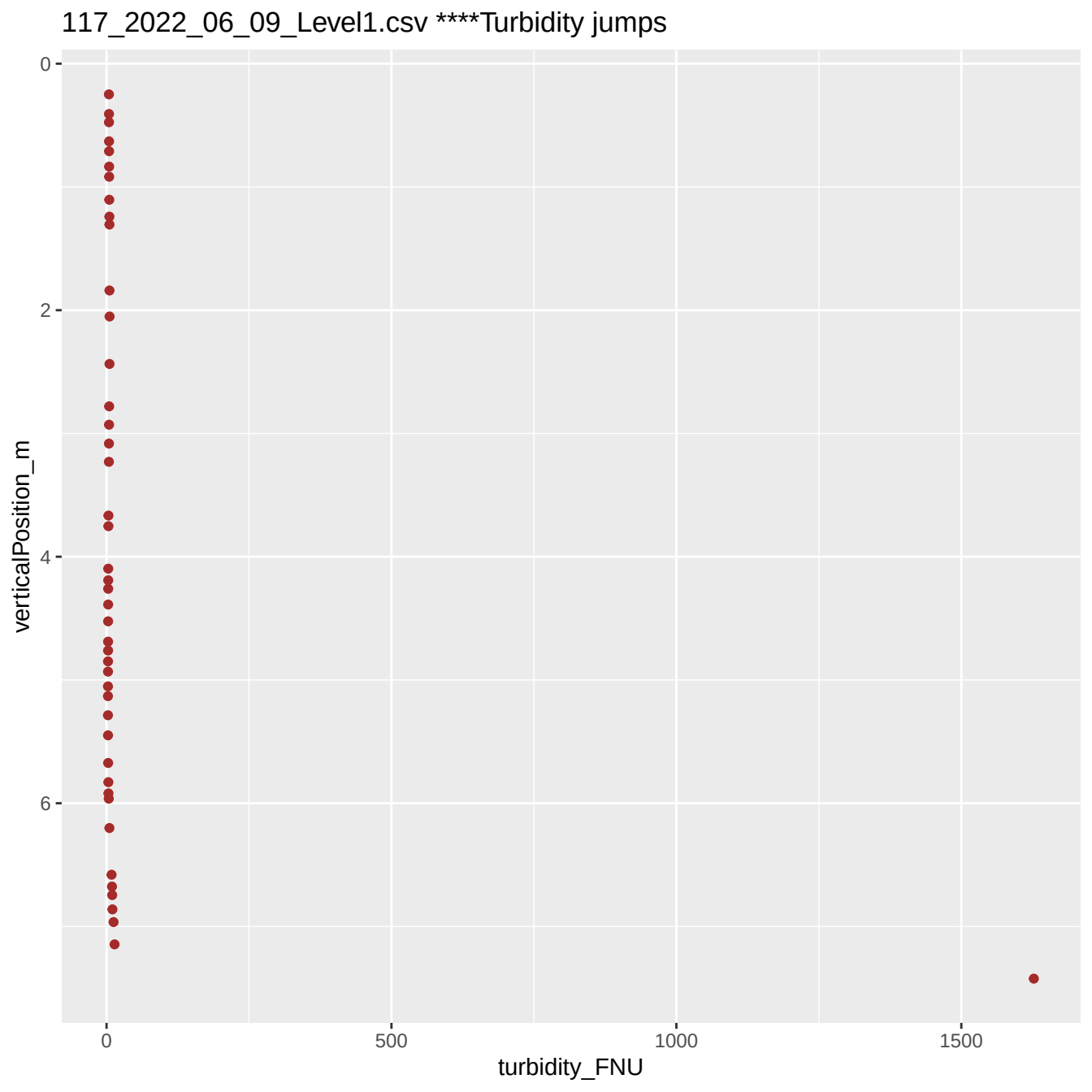

115_2022_08_03_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
waterDensity_kgpm3
996
997
998
999
flag
FALSE
TRUE

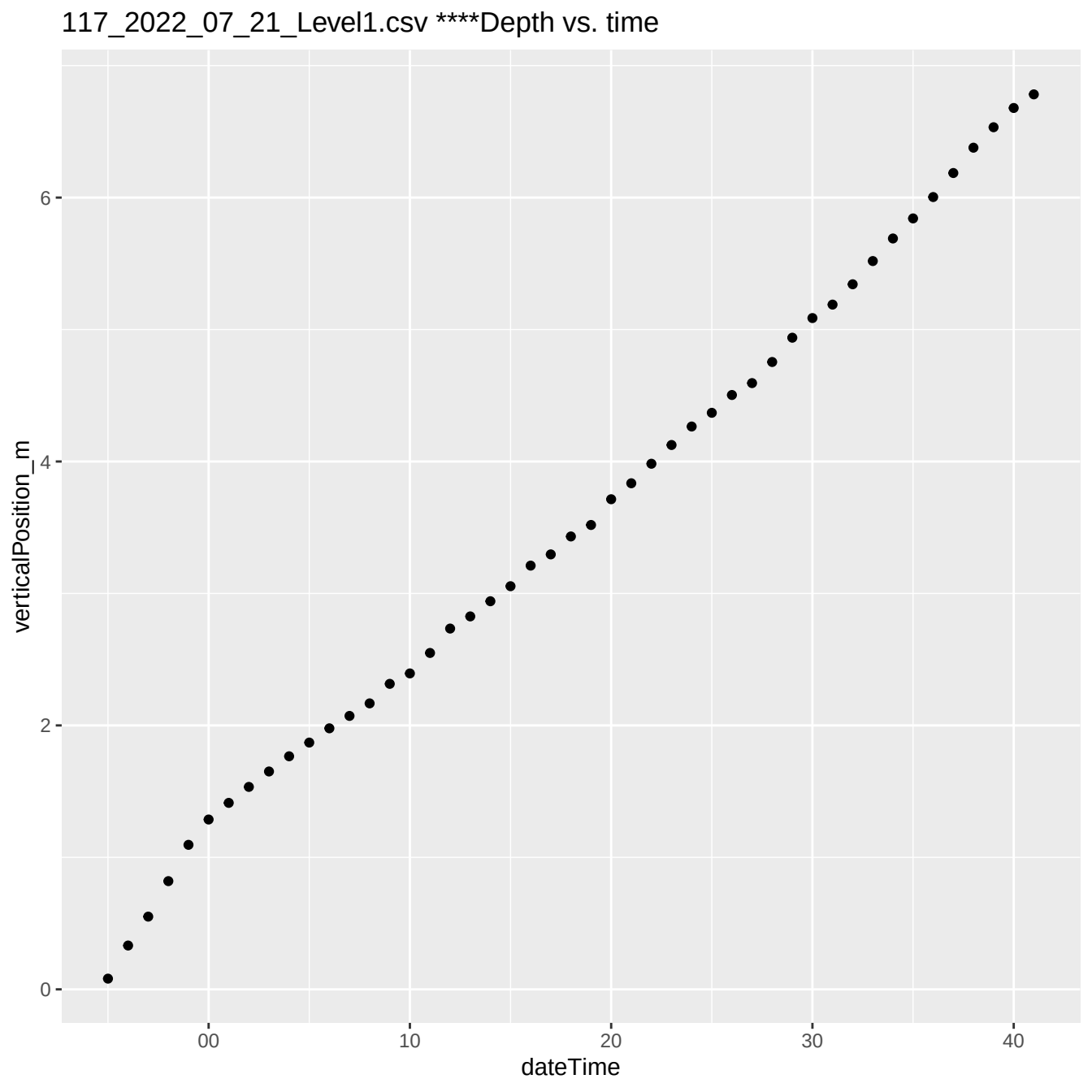

115_2022_08_03_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

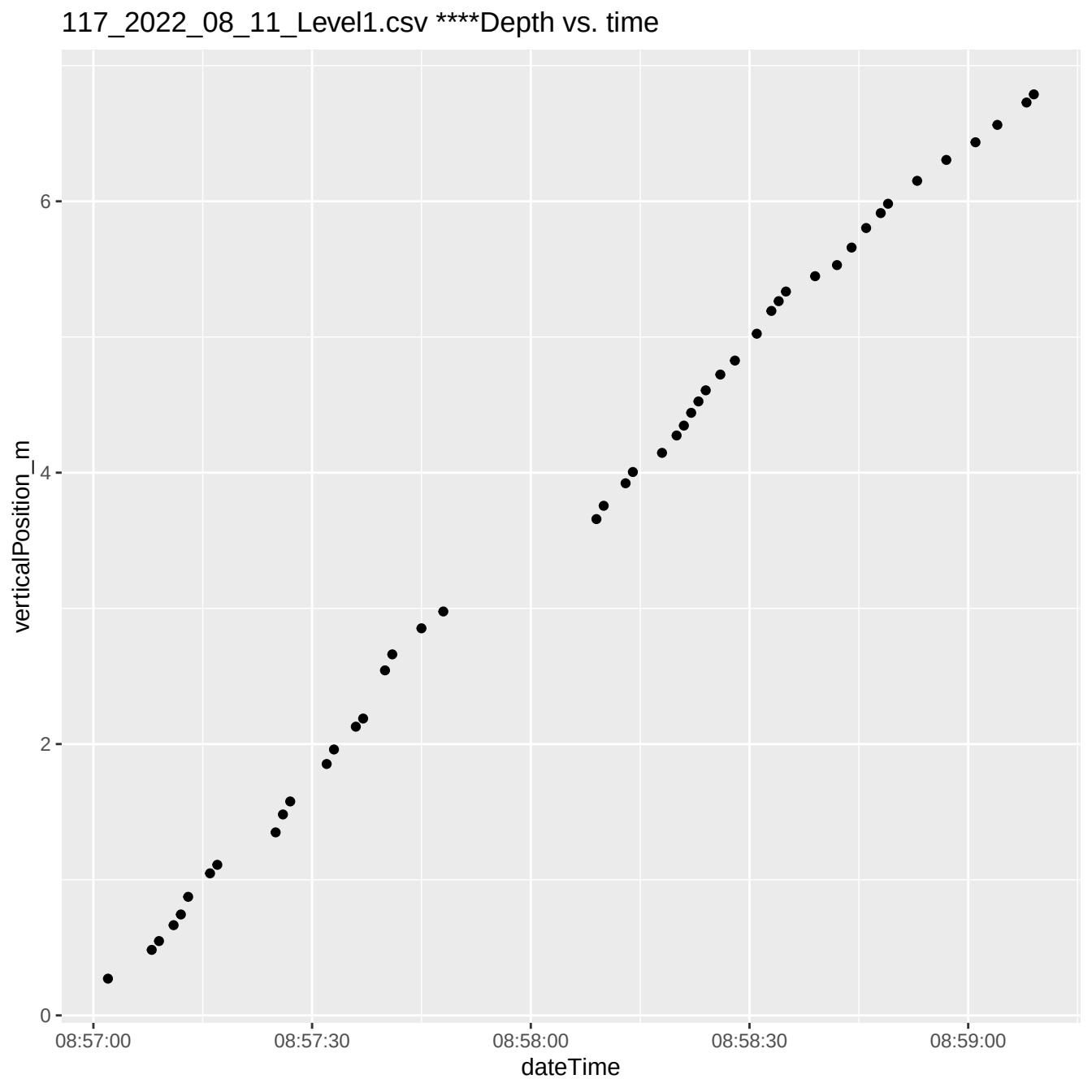

115_2022_08_03_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
turbidity_FNU
0
30
60
90
120

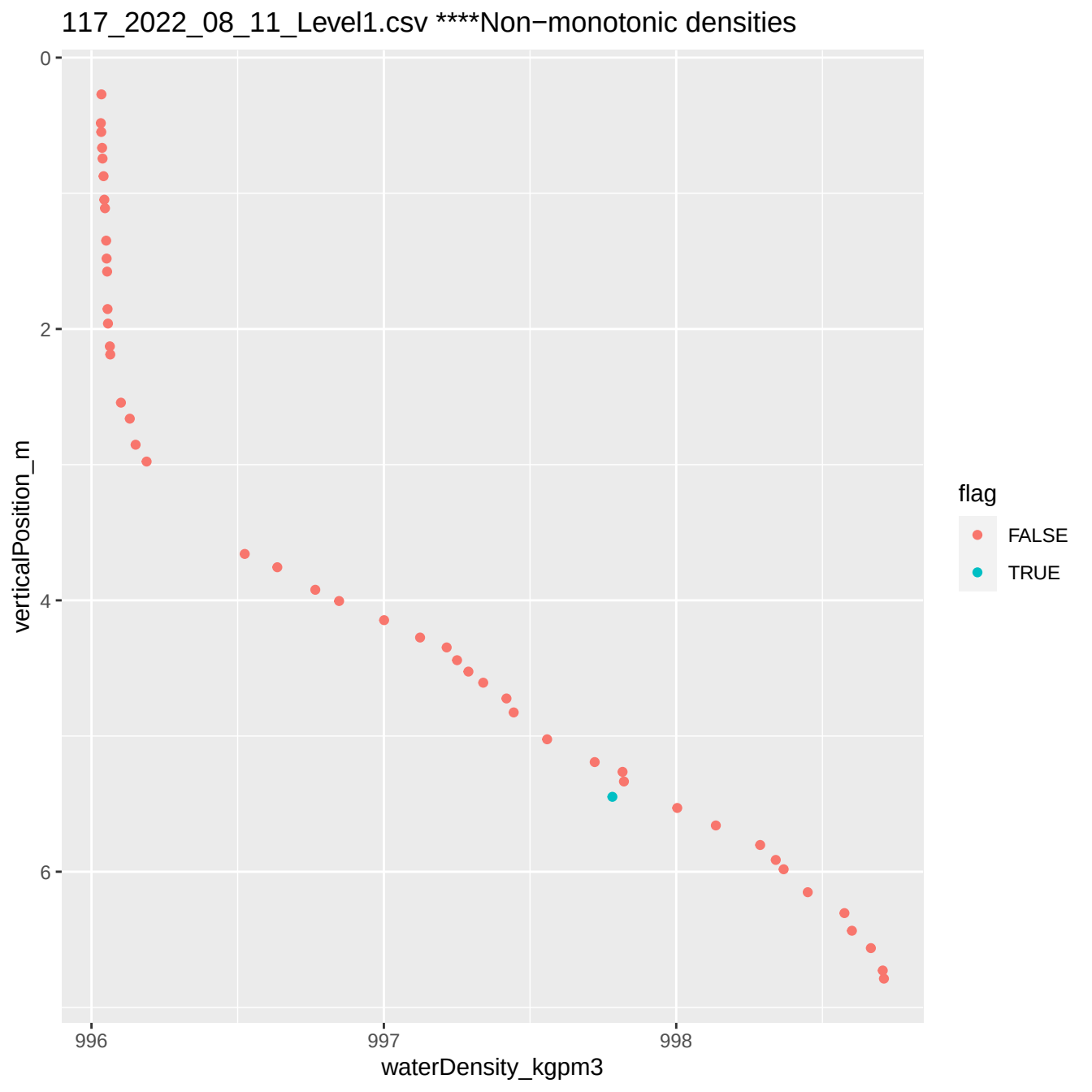

115_2022_08_03_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0.5
1.0
1.5
2.0
phycocyaninBGA_RFU

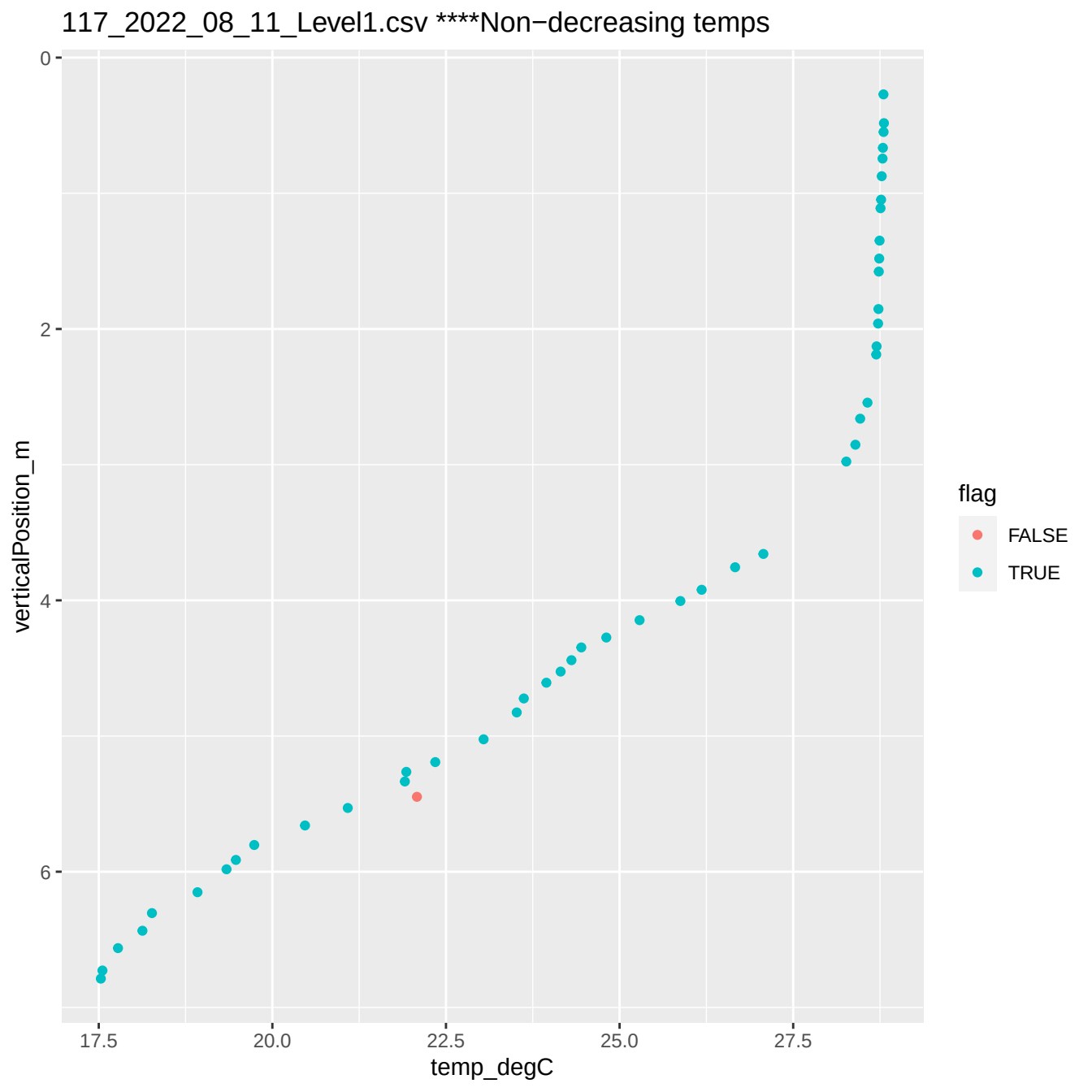

117_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
12:15
12:16
12:17
dateTime

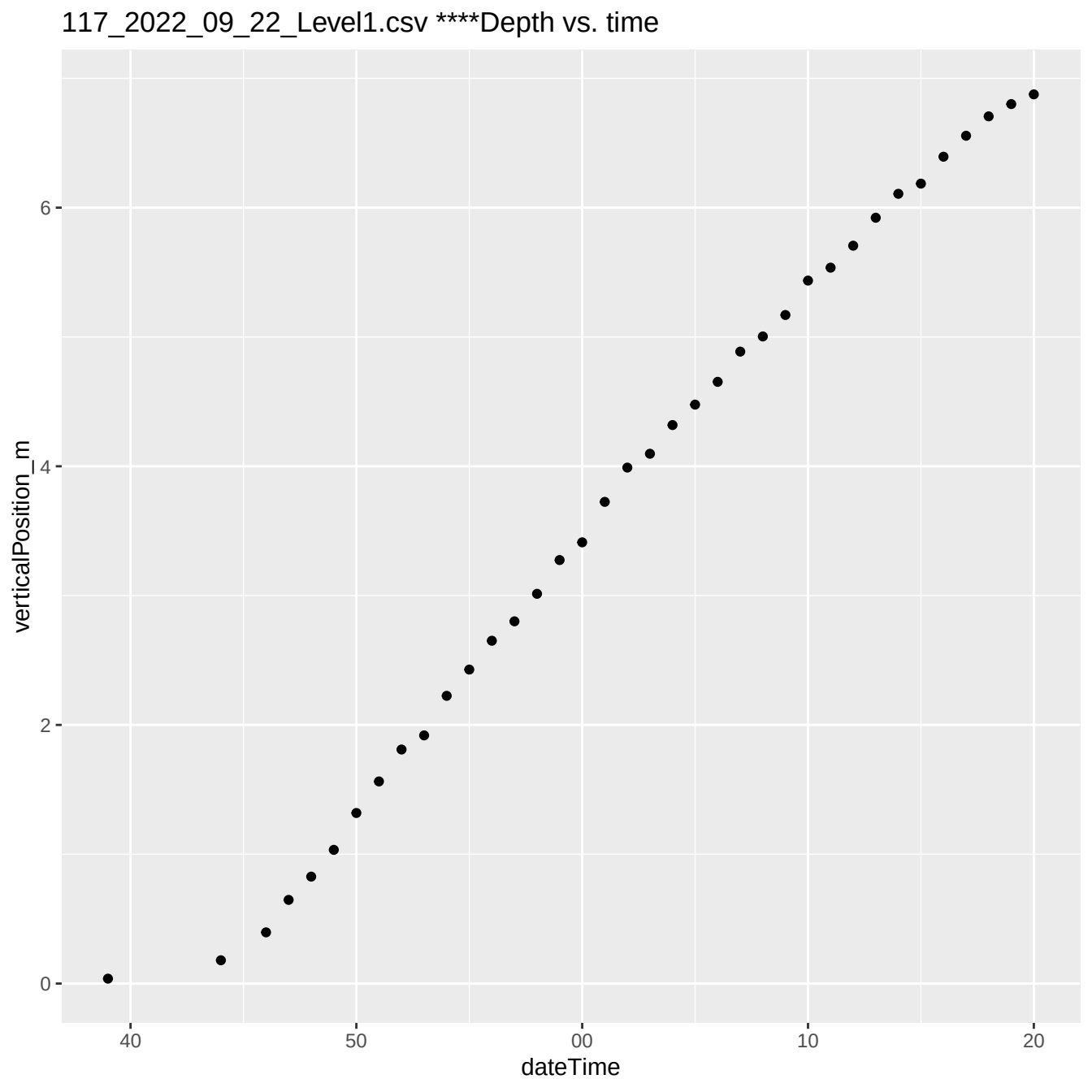

117_2022_06_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
0
500
1000
1500
turbidity_FNU

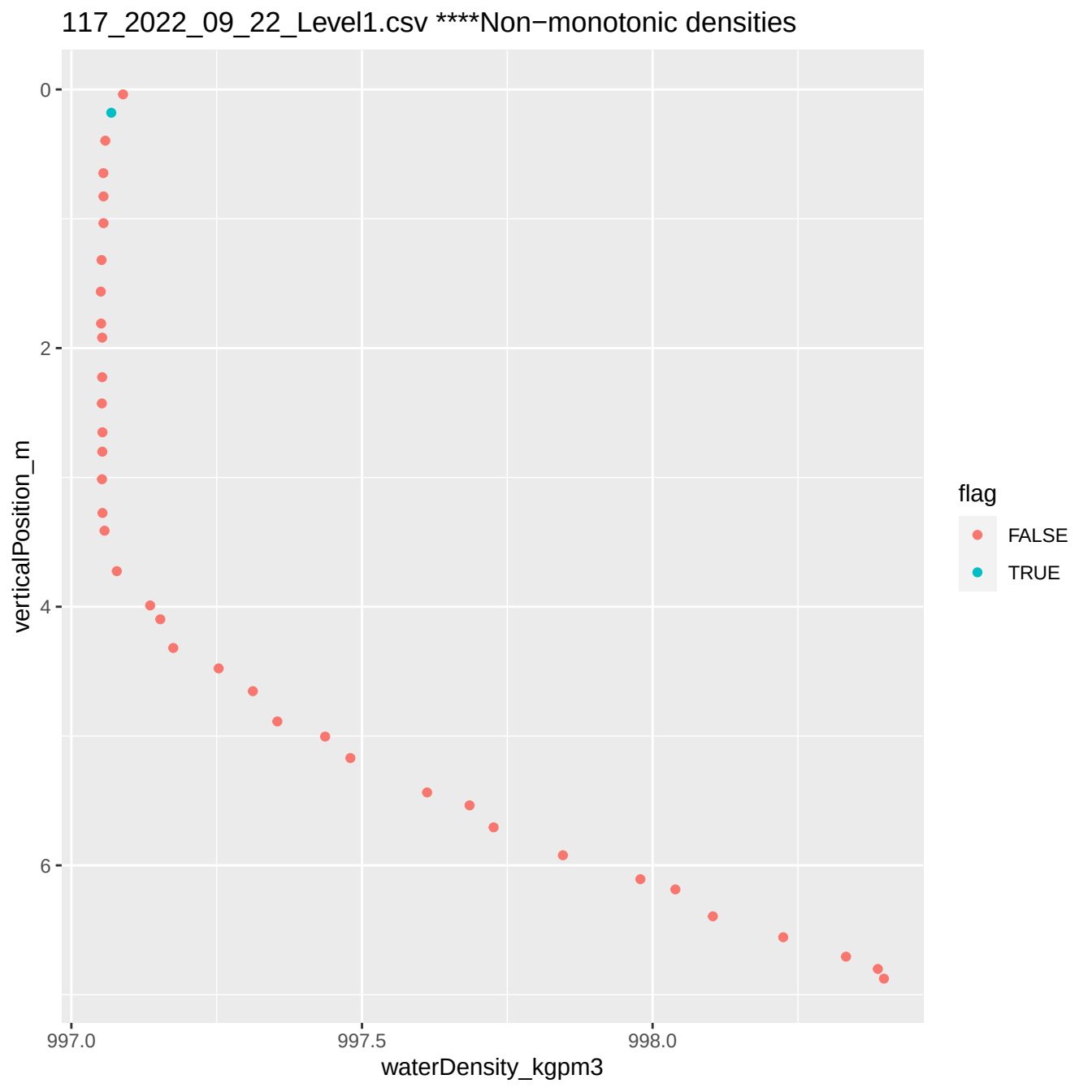

117_2022_07_21_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
00
10
20
30
40
dateTime

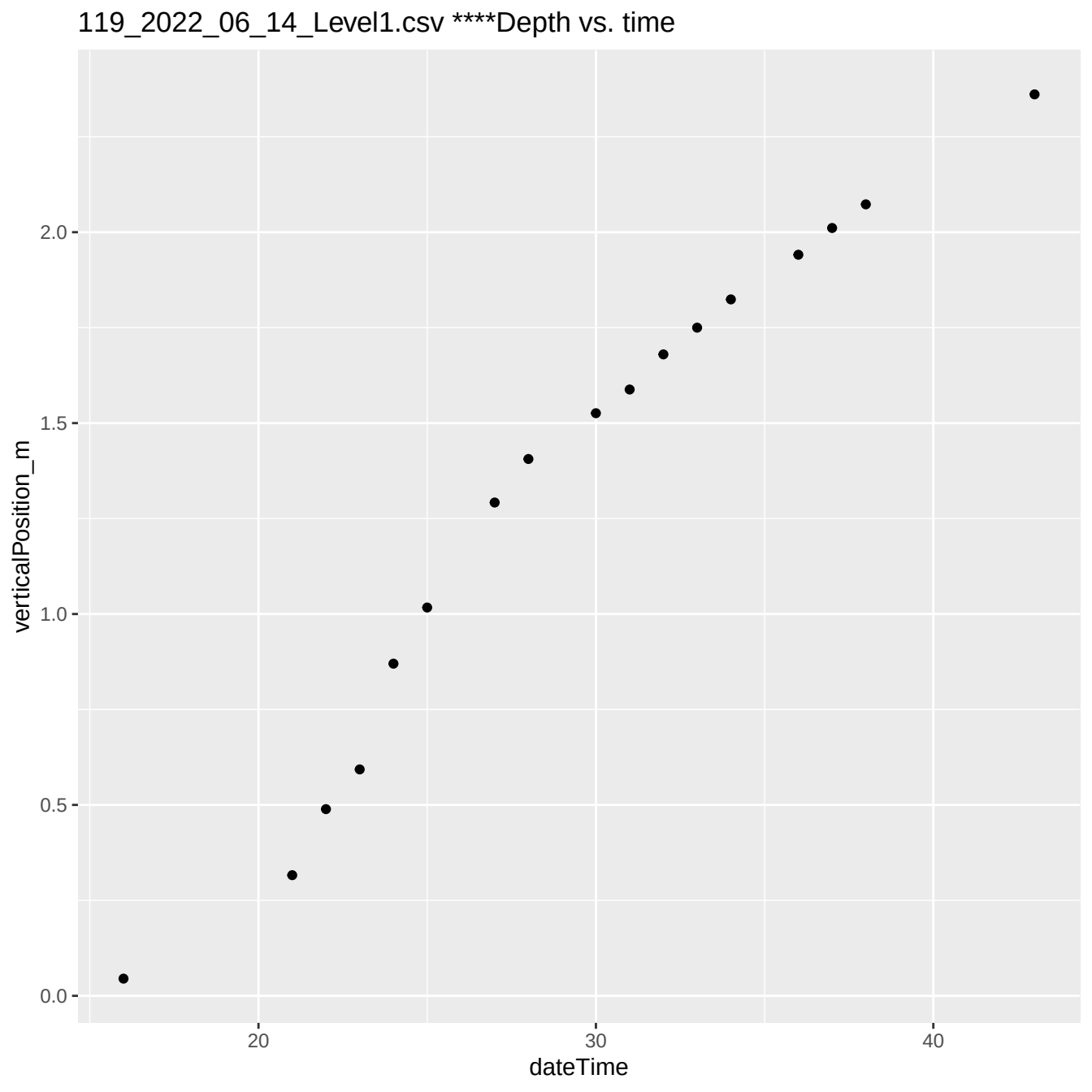

117_2022_08_11_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
08:57:00
08:57:30
08:58:00
08:58:30
08:59:00
dateTime

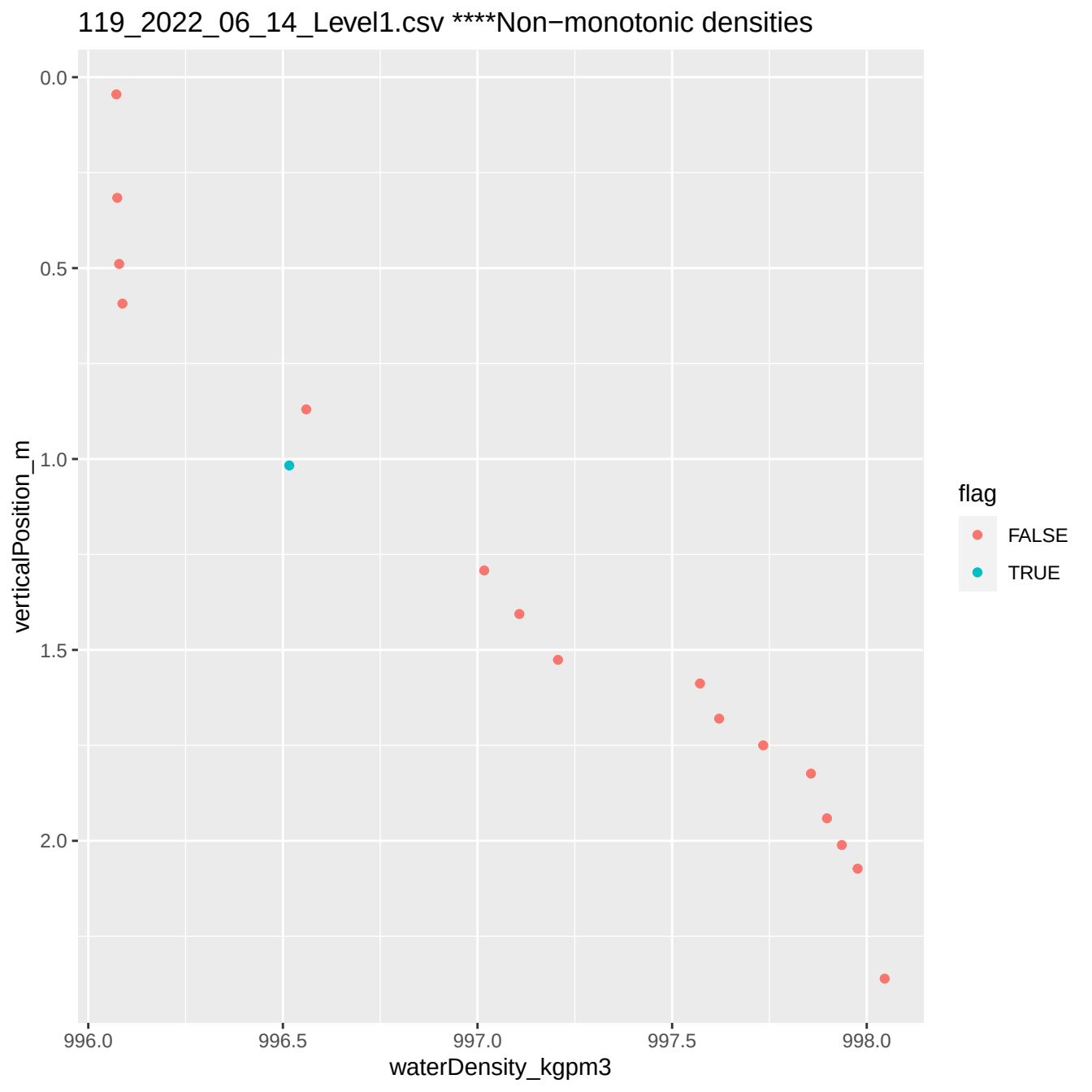

117_2022_08_11_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

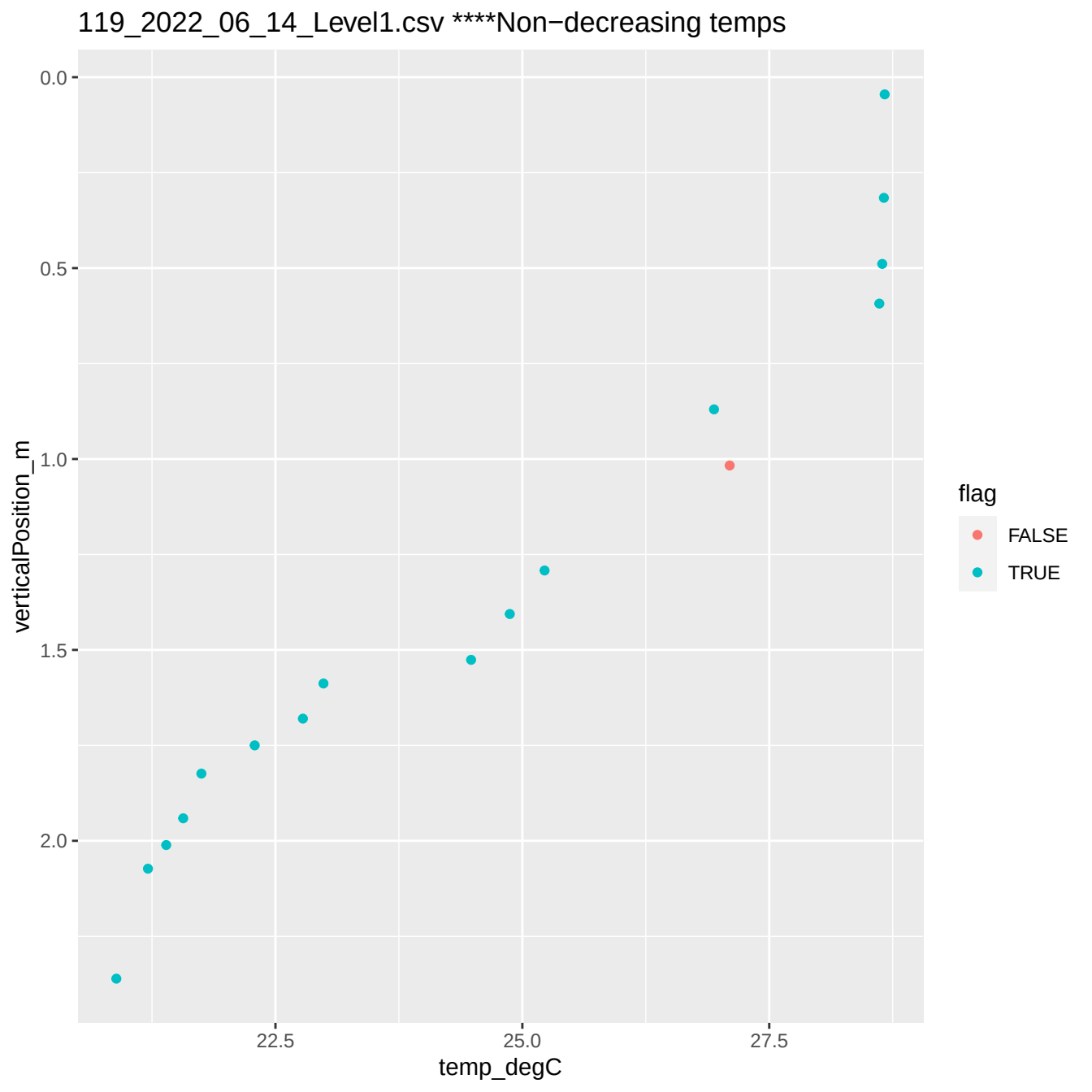

117_2022_08_11_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
17.5
20.0
22.5
25.0
27.5
temp_degC
flag
FALSE
TRUE

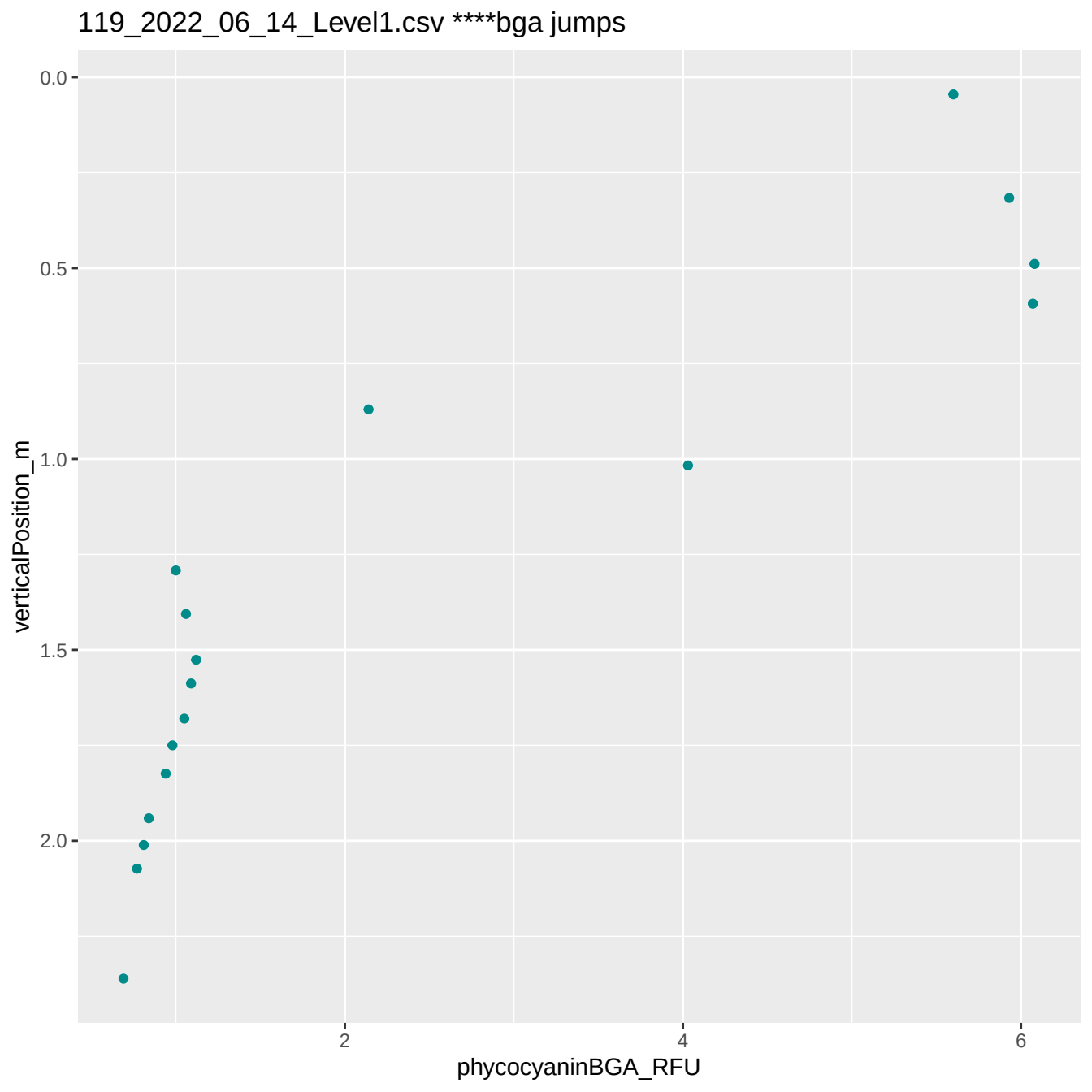

117_2022_09_22_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
40
50
00
10
20
dateTime

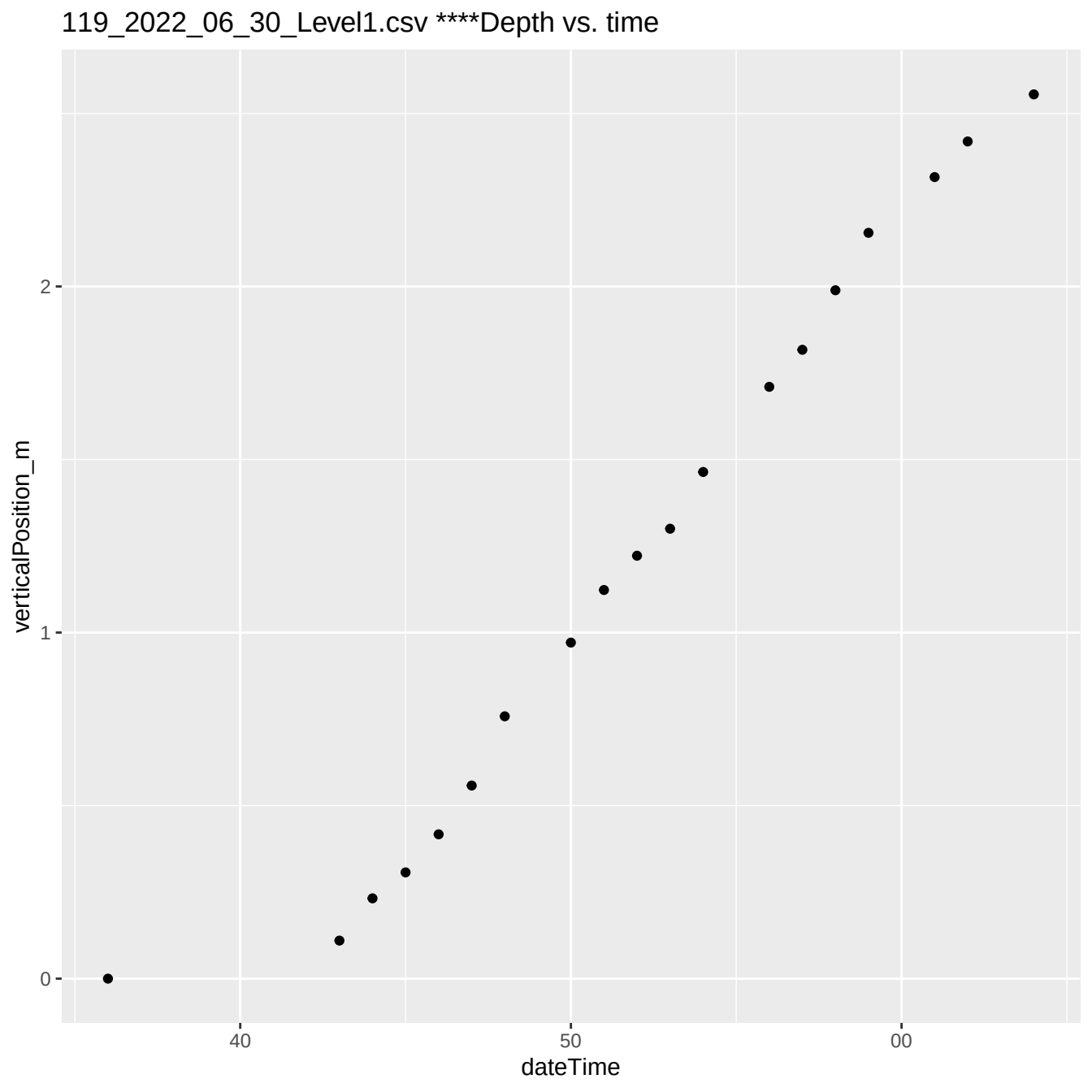

117_2022_09_22_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
997.0
997.5
998.0
waterDensity_kgpm3
flag
FALSE
TRUE

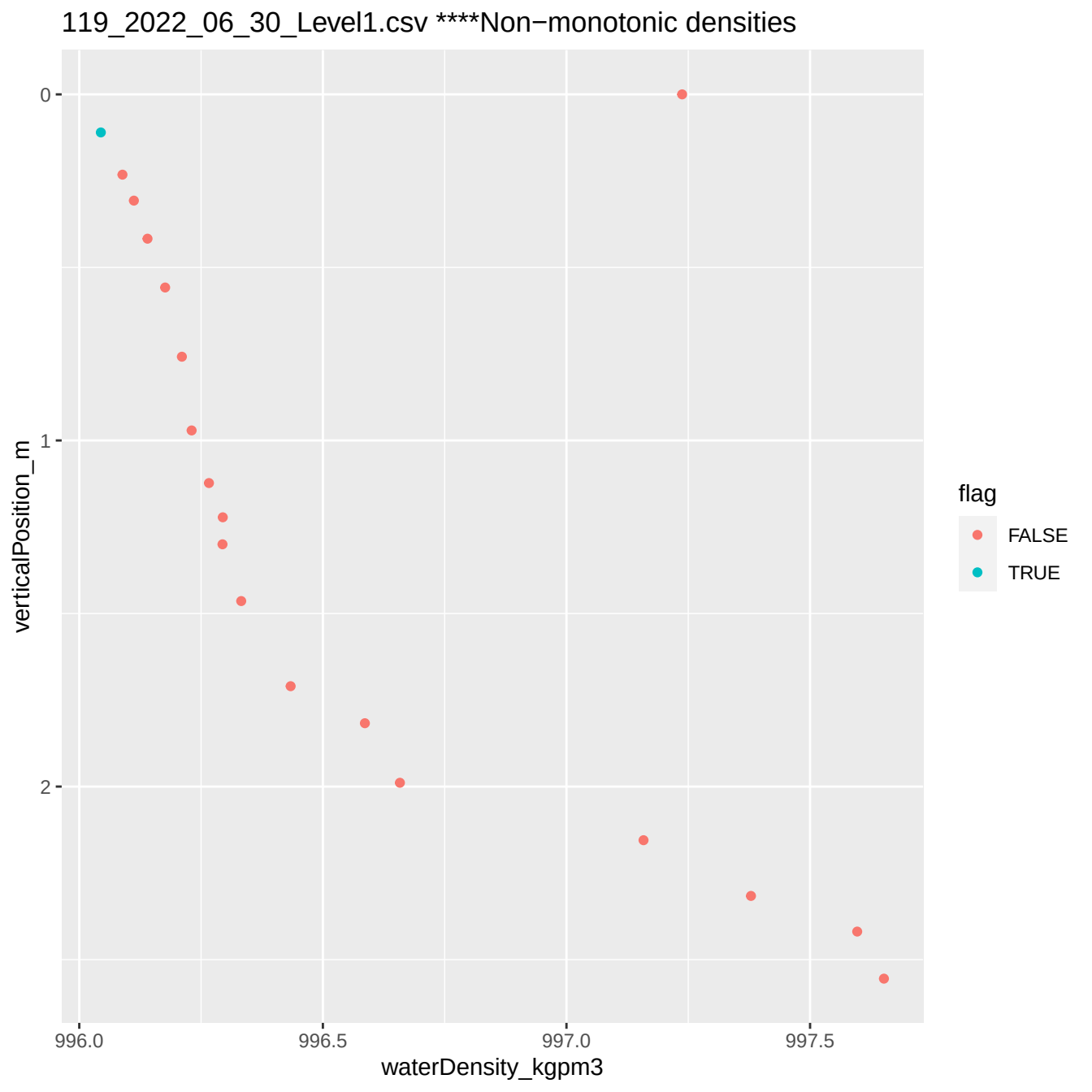

119_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
2.0
1.5
1.0
0.5
0.0
20
30
40
dateTime

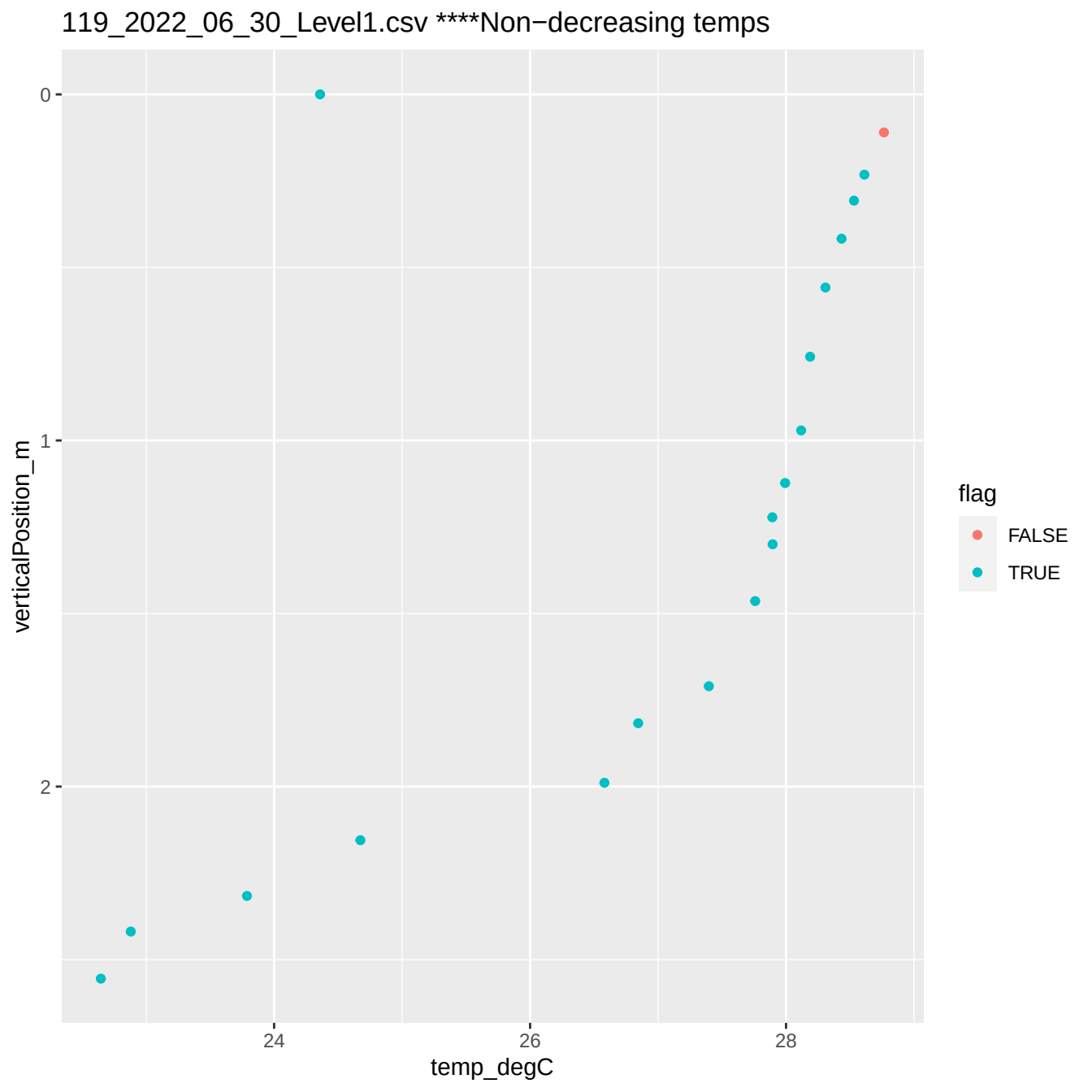

119_2022_06_14_Level1.csv ****Non−monotonic densities
verticalPosition_m
0.0
0.5
1.0
1.5
2.0
996.0
996.5
997.0
997.5
998.0
waterDensity_kgpm3
flag
FALSE
TRUE

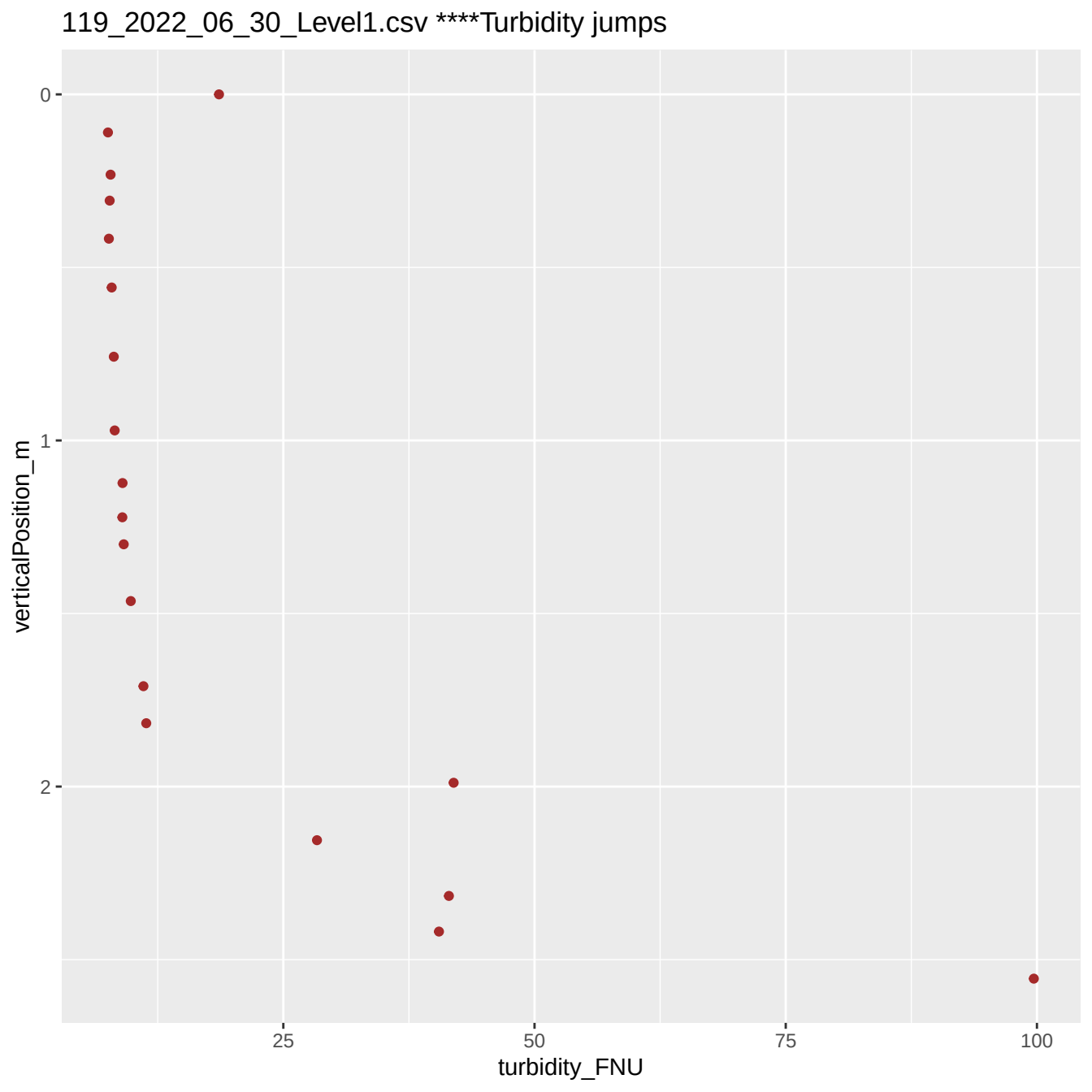

119_2022_06_14_Level1.csv ****Non−decreasing temps
verticalPosition_m
0.0
0.5
1.0
1.5
2.0
22.5
25.0
27.5
temp_degC
flag
FALSE
TRUE

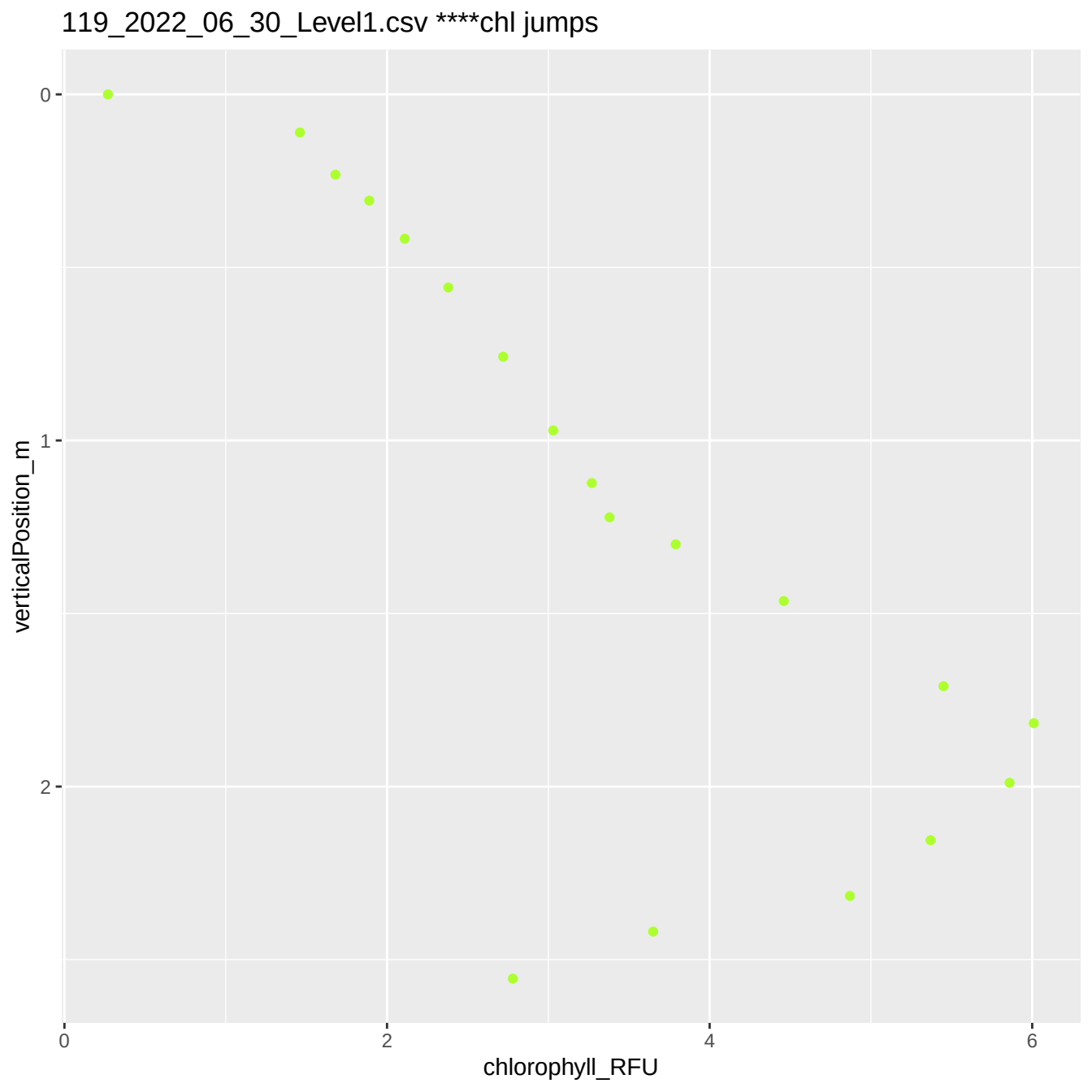

119_2022_06_14_Level1.csv ****bga jumps
0.0
0.5
1.0
1.5
2.0
verticalPosition_m
2
4
6
phycocyaninBGA_RFU

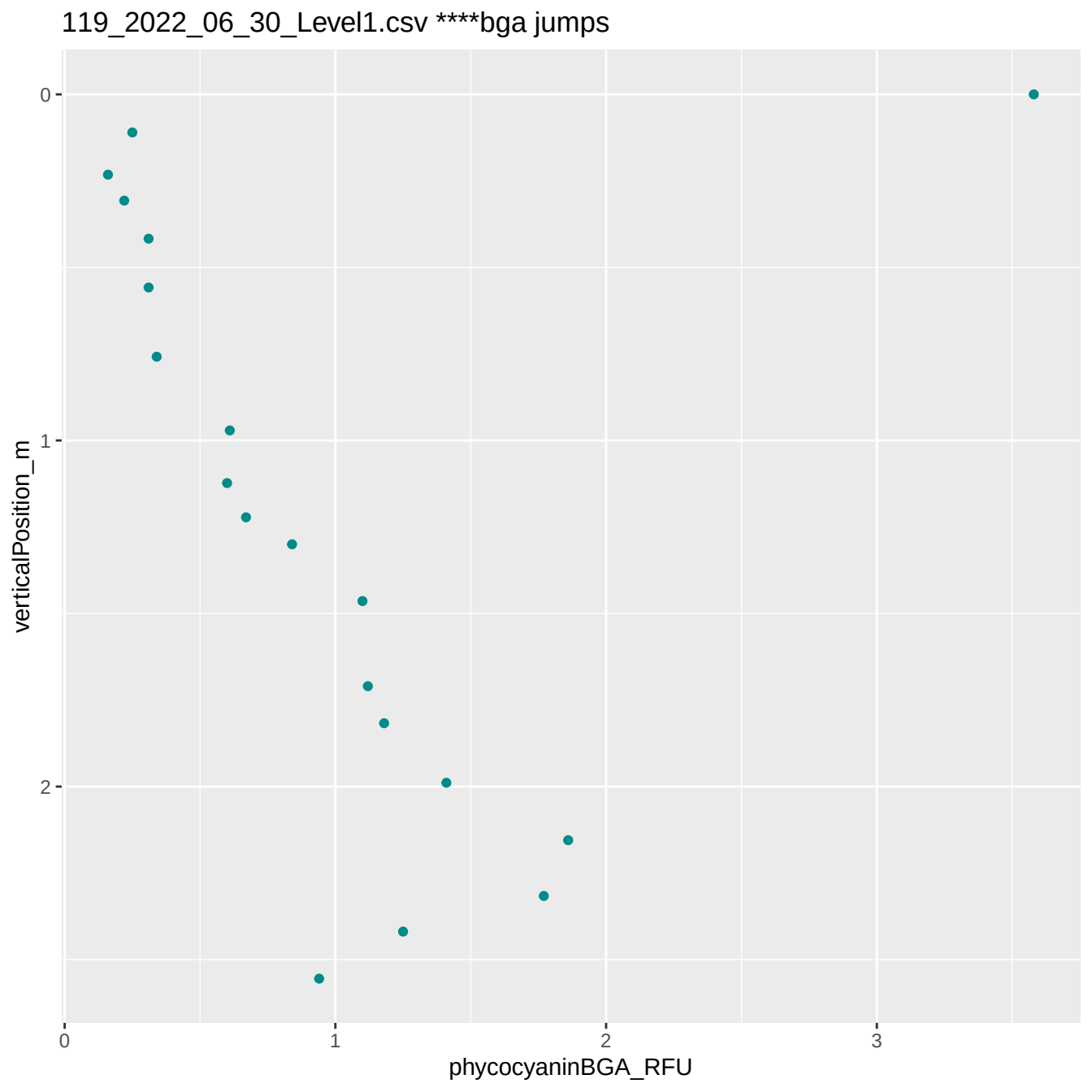

119_2022_06_30_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
0
40
50
00
dateTime

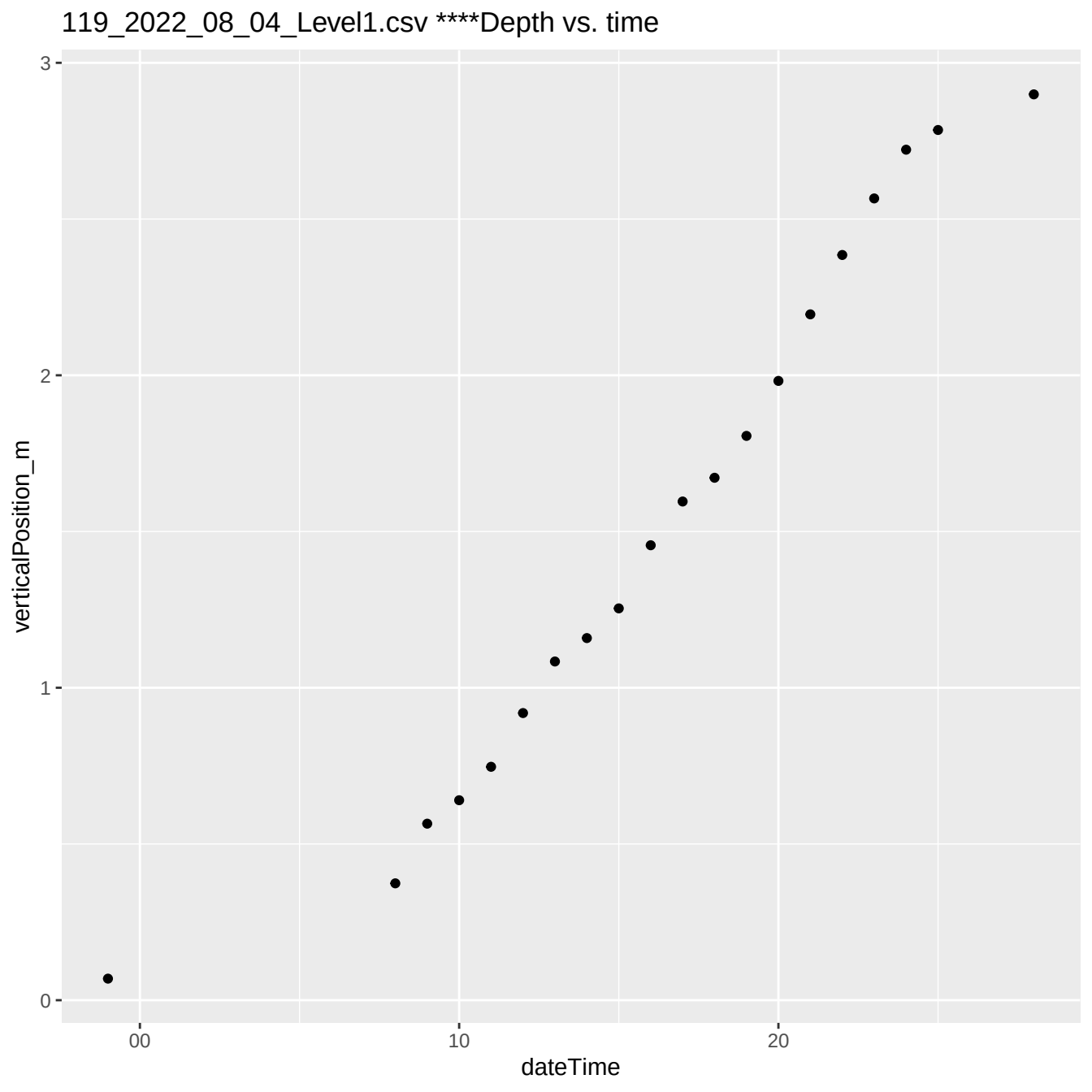

119_2022_06_30_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
996.0
996.5
997.0
997.5
waterDensity_kgpm3
flag
FALSE
TRUE

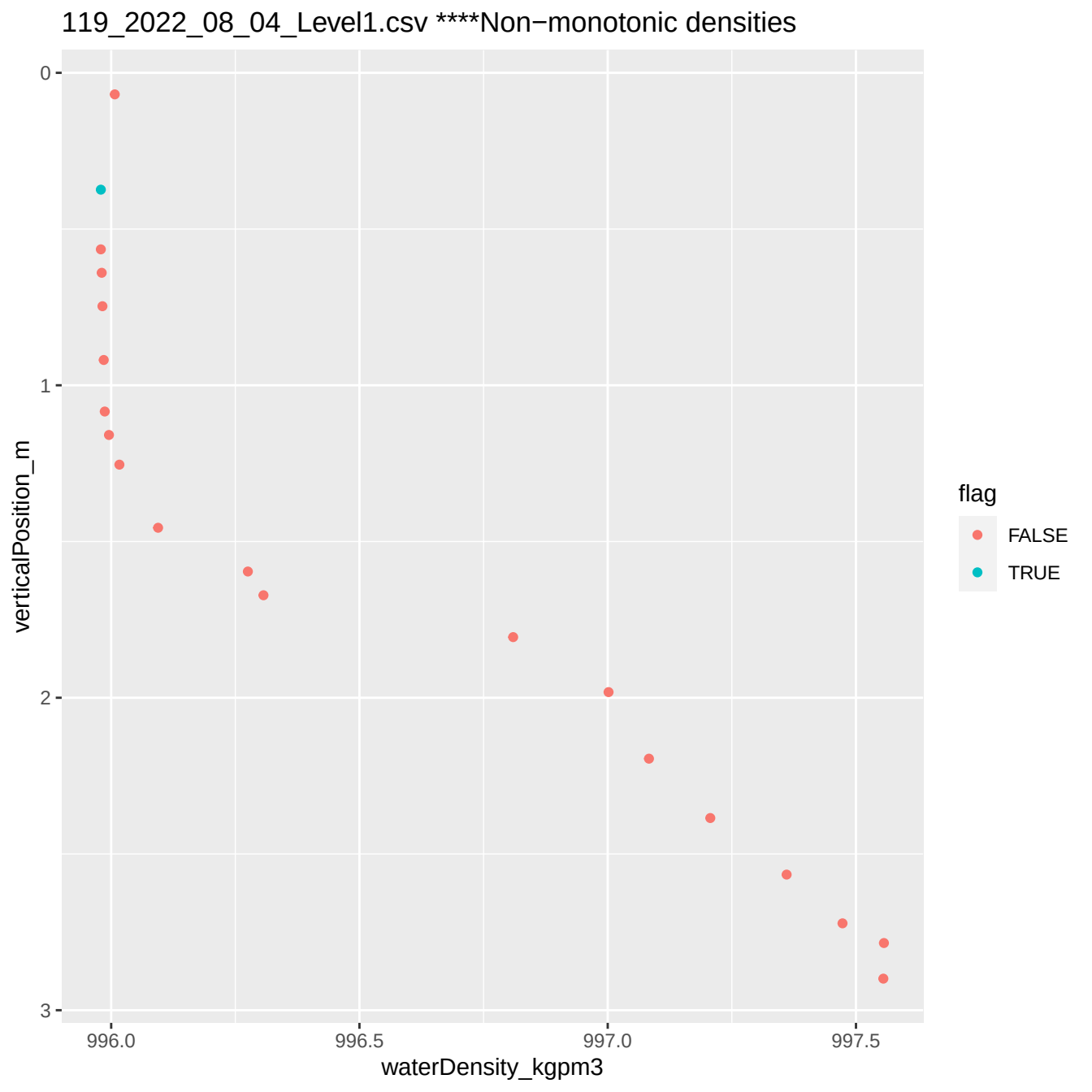

119_2022_06_30_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
24
26
28
temp_degC
flag
FALSE
TRUE

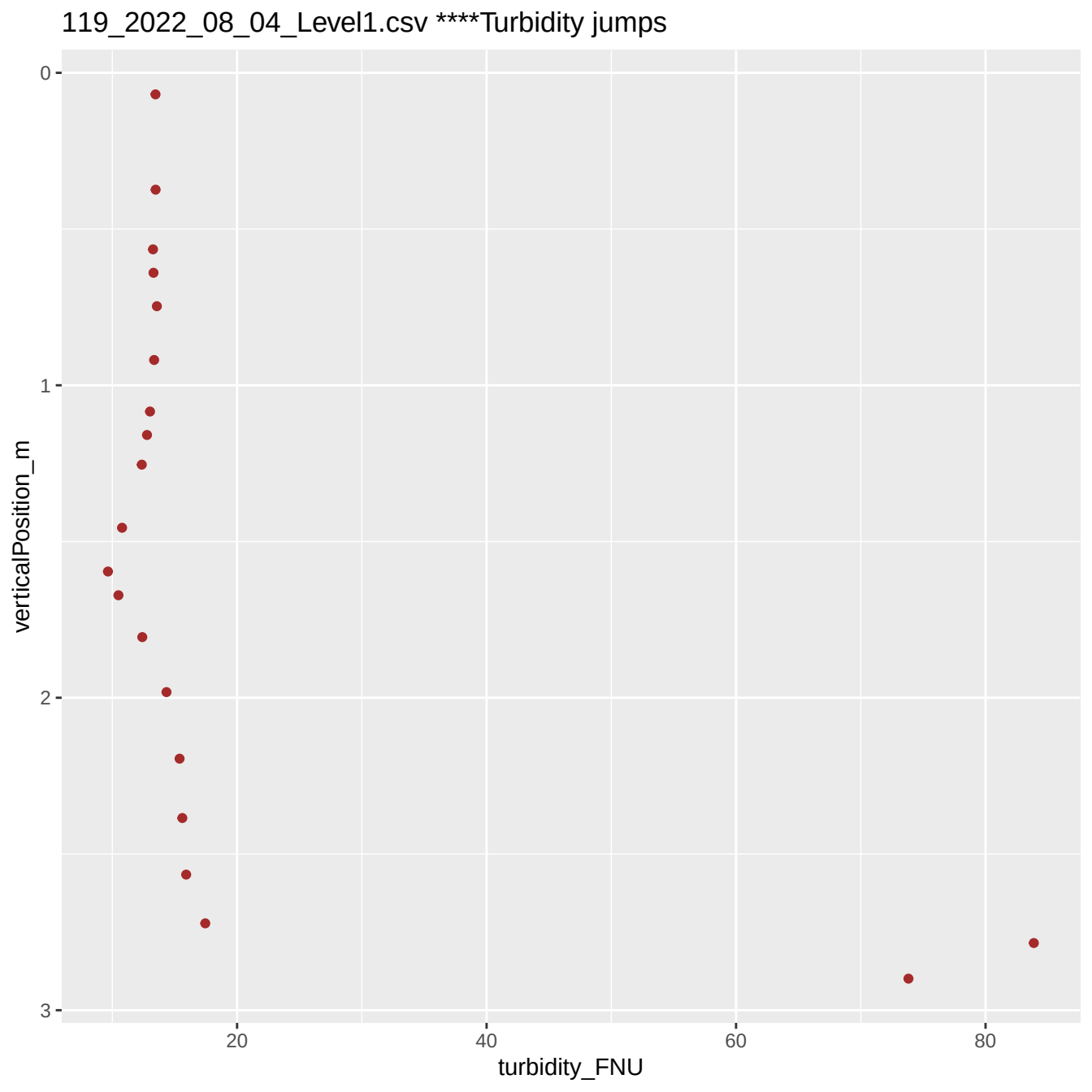

119_2022_06_30_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
25
50
75
100
turbidity_FNU

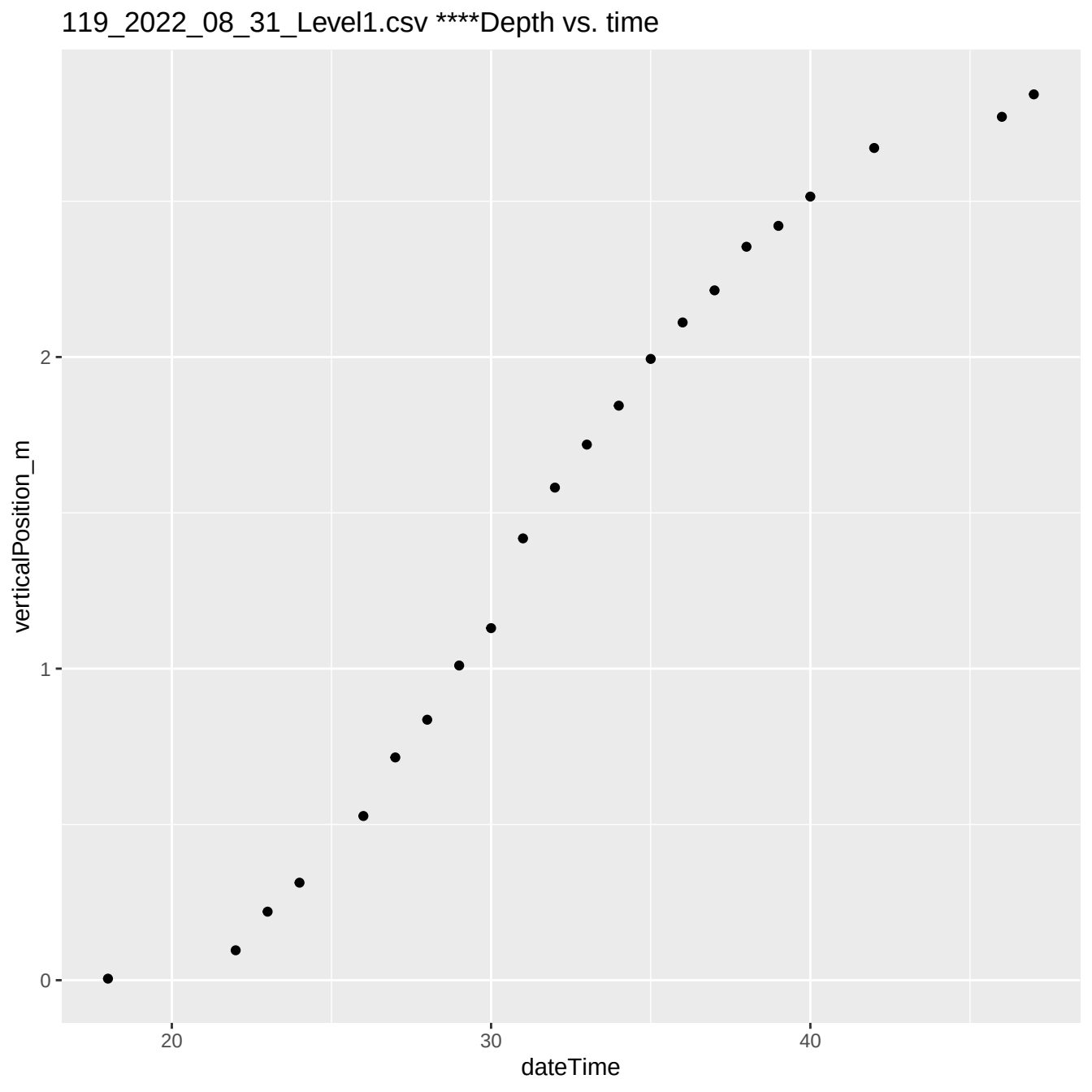

119_2022_06_30_Level1.csv ****chl jumps
verticalPosition_m
0
1
2
chlorophyll_RFU
0
2
4
6

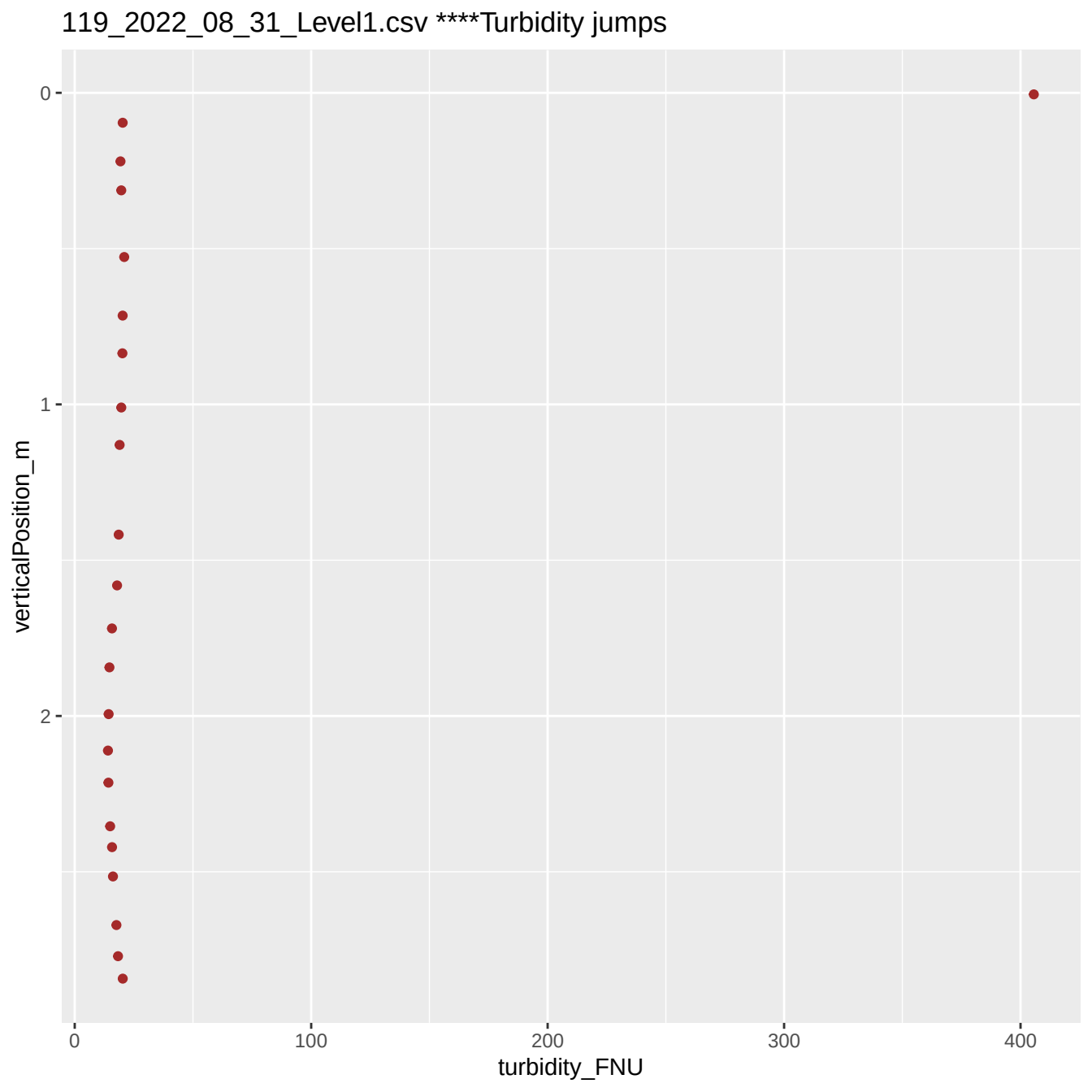

119_2022_06_30_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
phycocyaninBGA_RFU
0
1
2
3

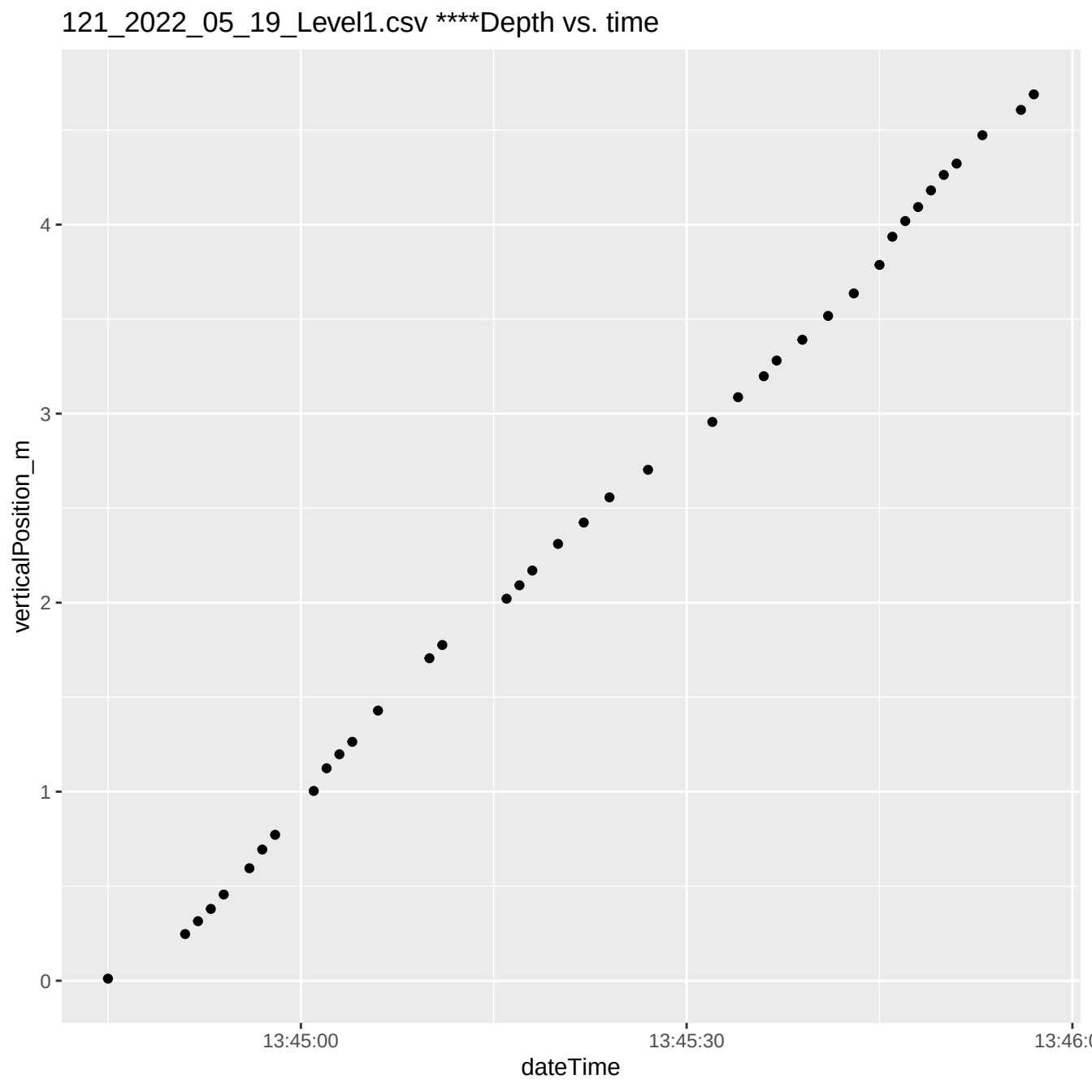

119_2022_08_04_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
00
10
20
dateTime

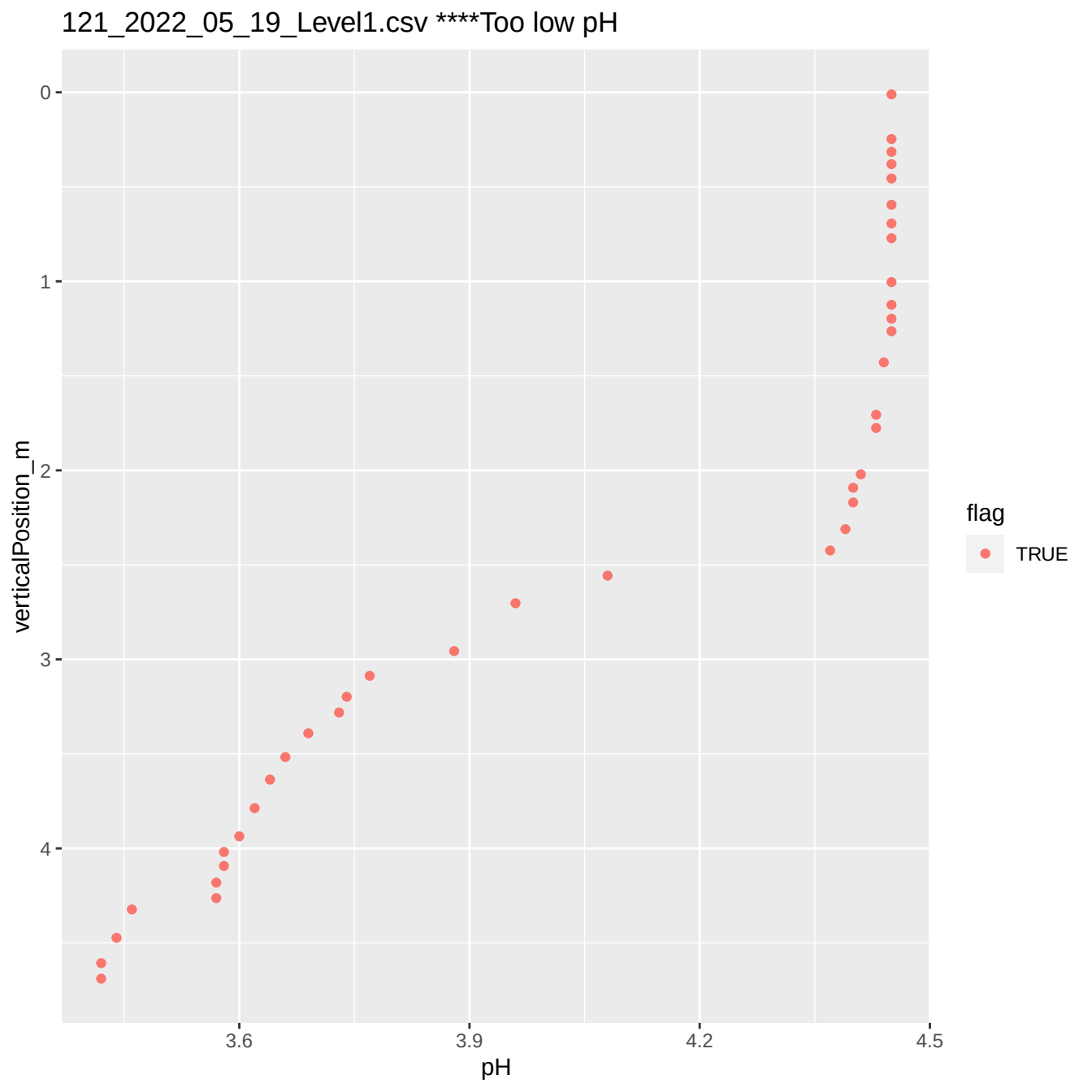

119_2022_08_04_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
waterDensity_kgpm3
996.0
996.5
997.0
997.5
flag
FALSE
TRUE

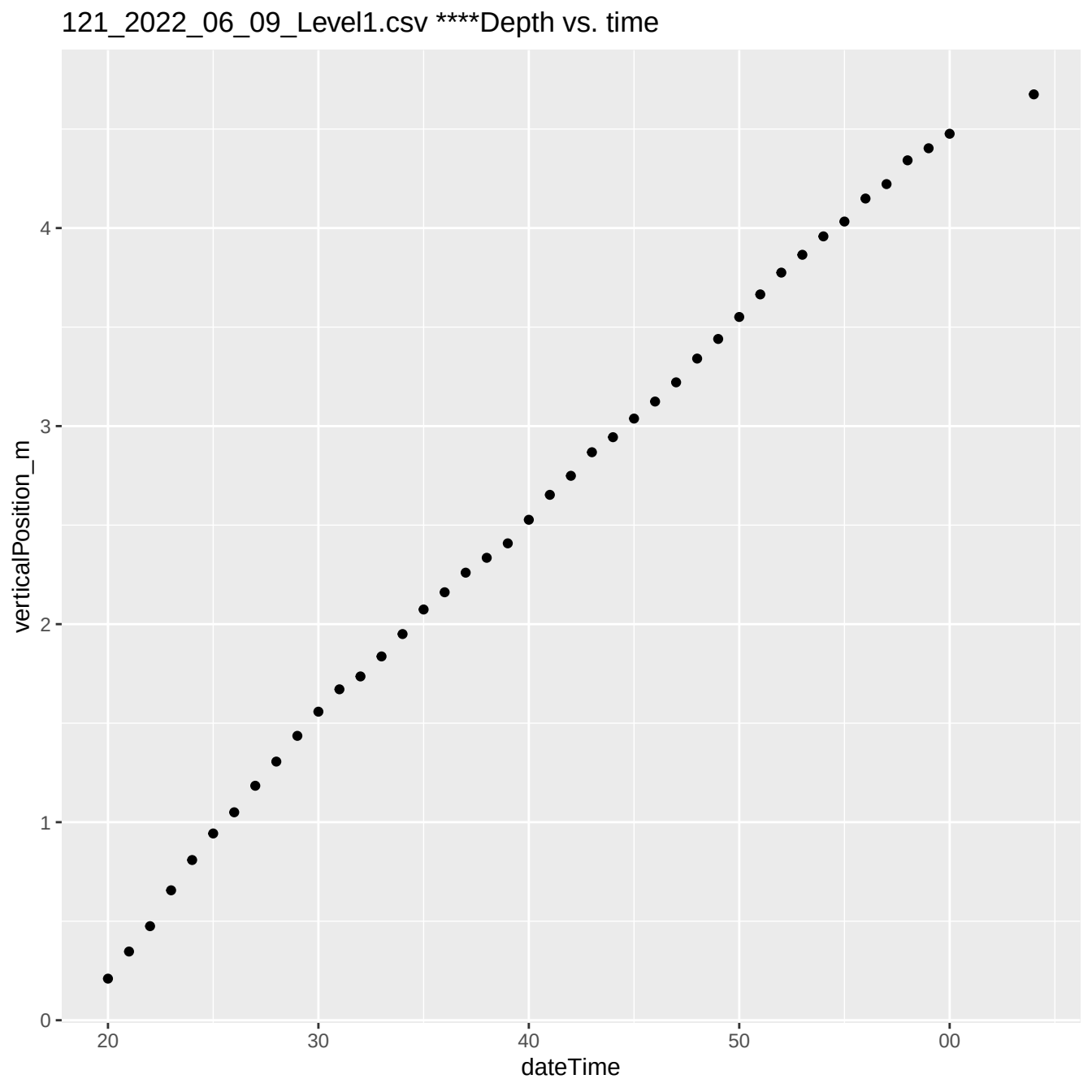

119_2022_08_04_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
20
40
60
80
turbidity_FNU

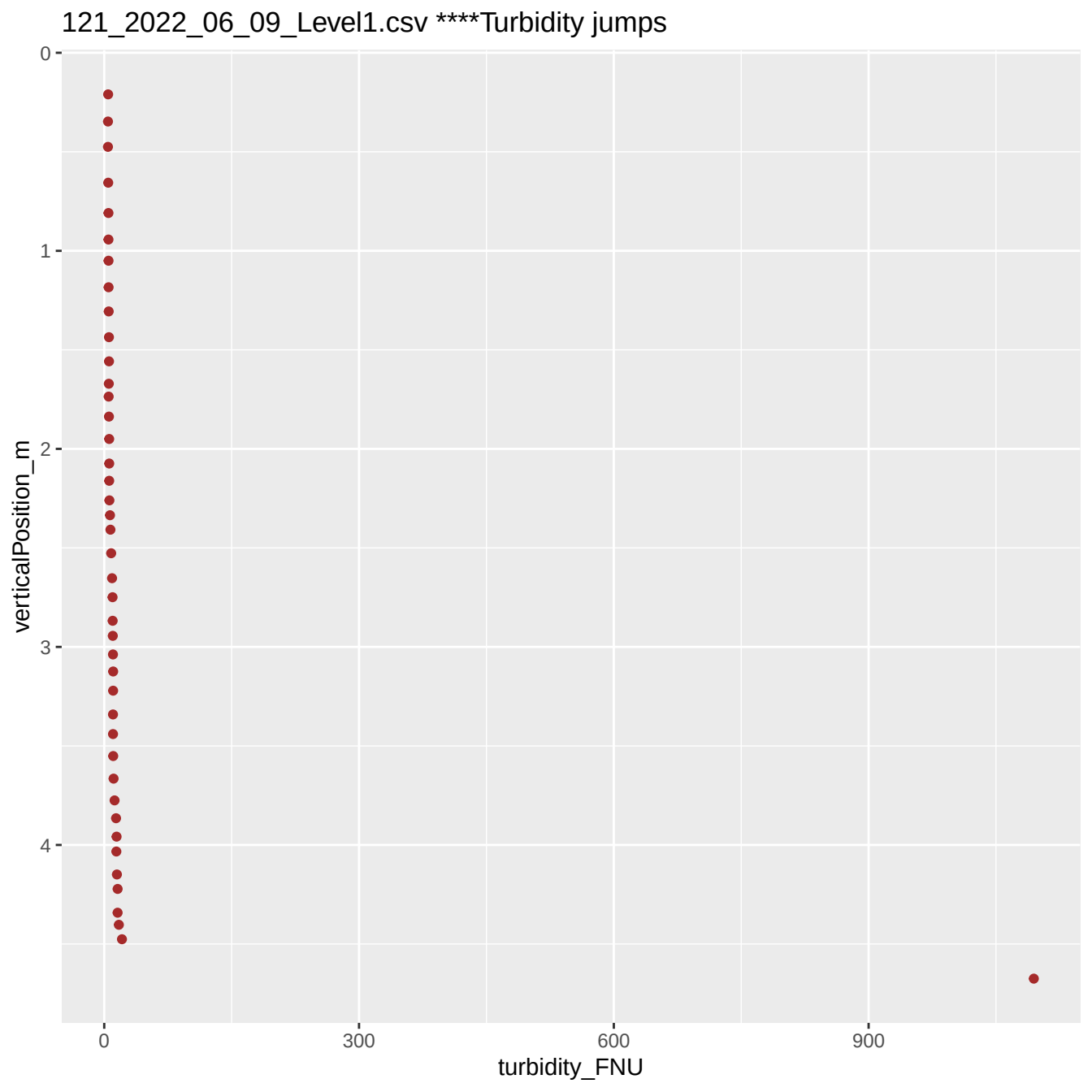

119_2022_08_31_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
0
20
30
40
dateTime

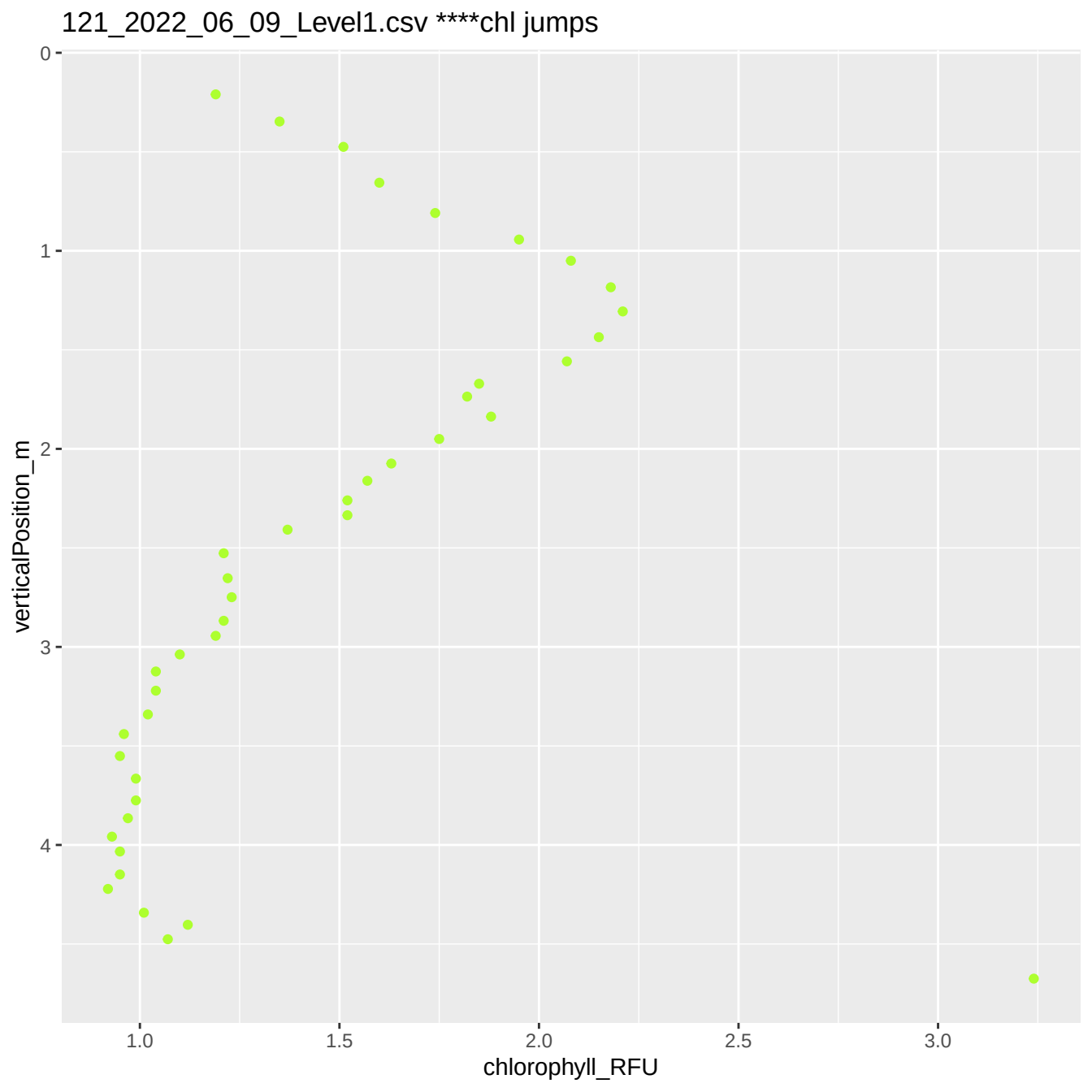

119_2022_08_31_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
0
100
200
300
400
turbidity_FNU

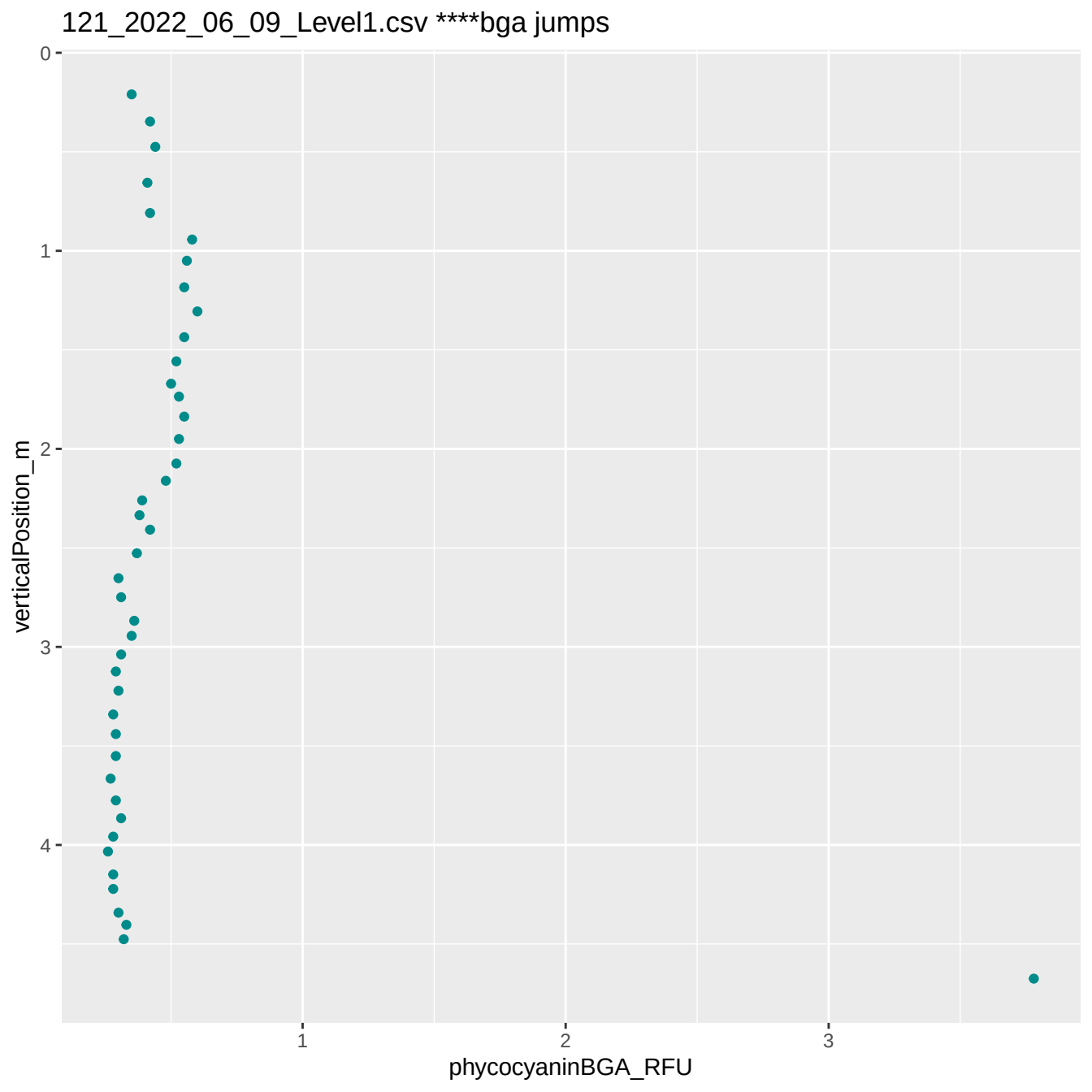

121_2022_05_19_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
13:45:00
13:45:30
dateTime

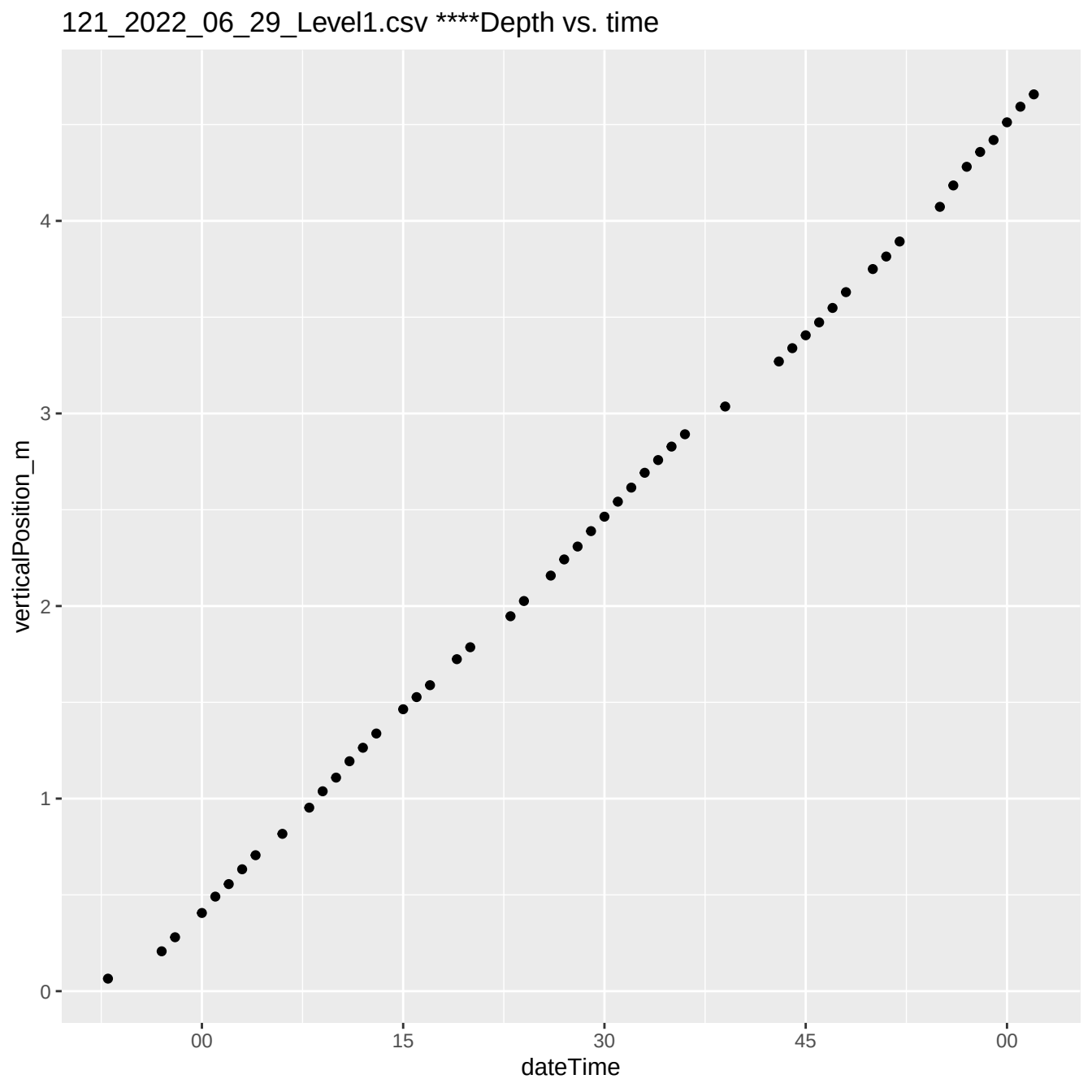

121_2022_05_19_Level1.csv ****Too low pH
verticalPosition_m
0
1
2
3
4
pH
3.6
3.9
4.2
4.5
flag
TRUE

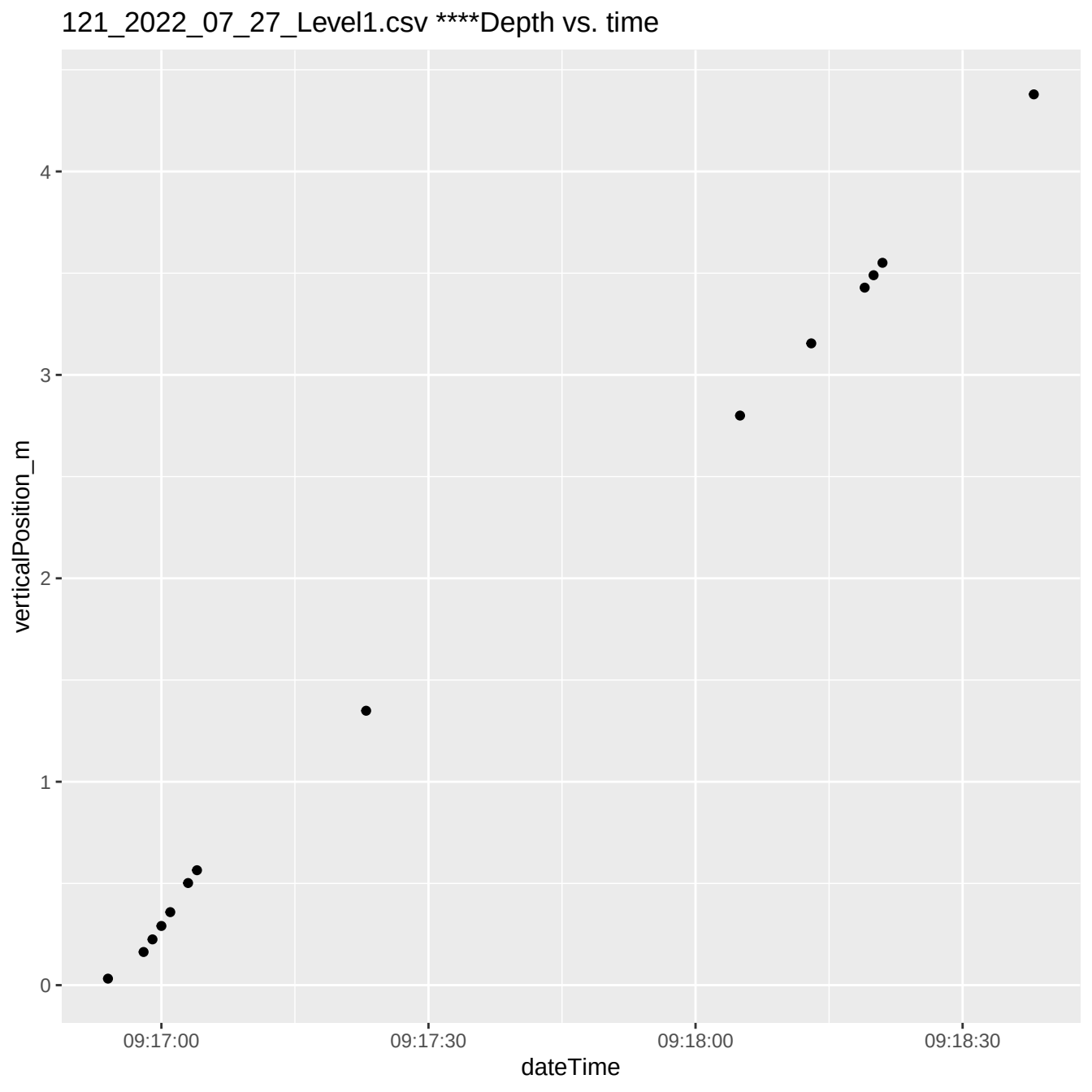

121_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
20
30
40
50
00
dateTime

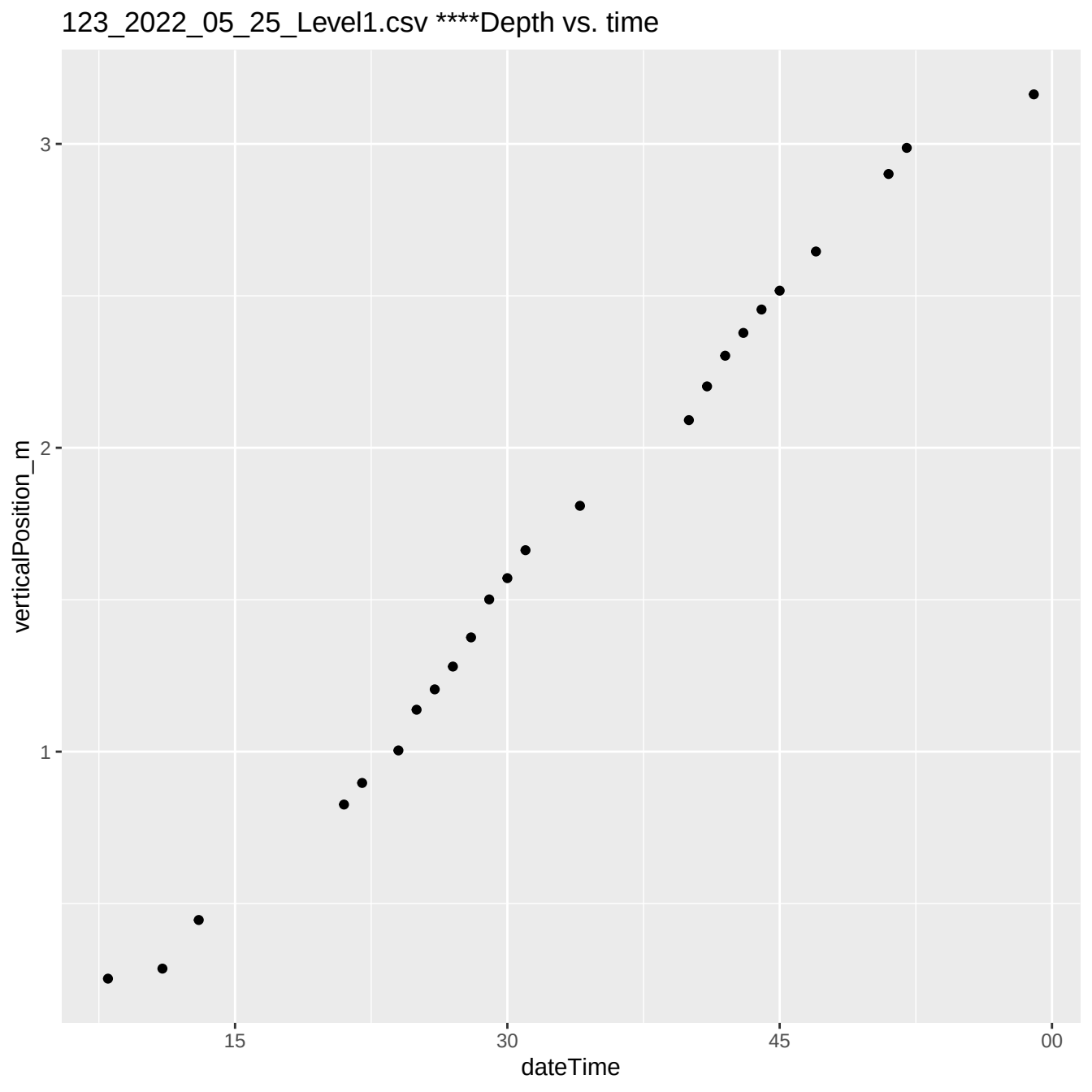

121_2022_06_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
0
300
600
900
turbidity_FNU

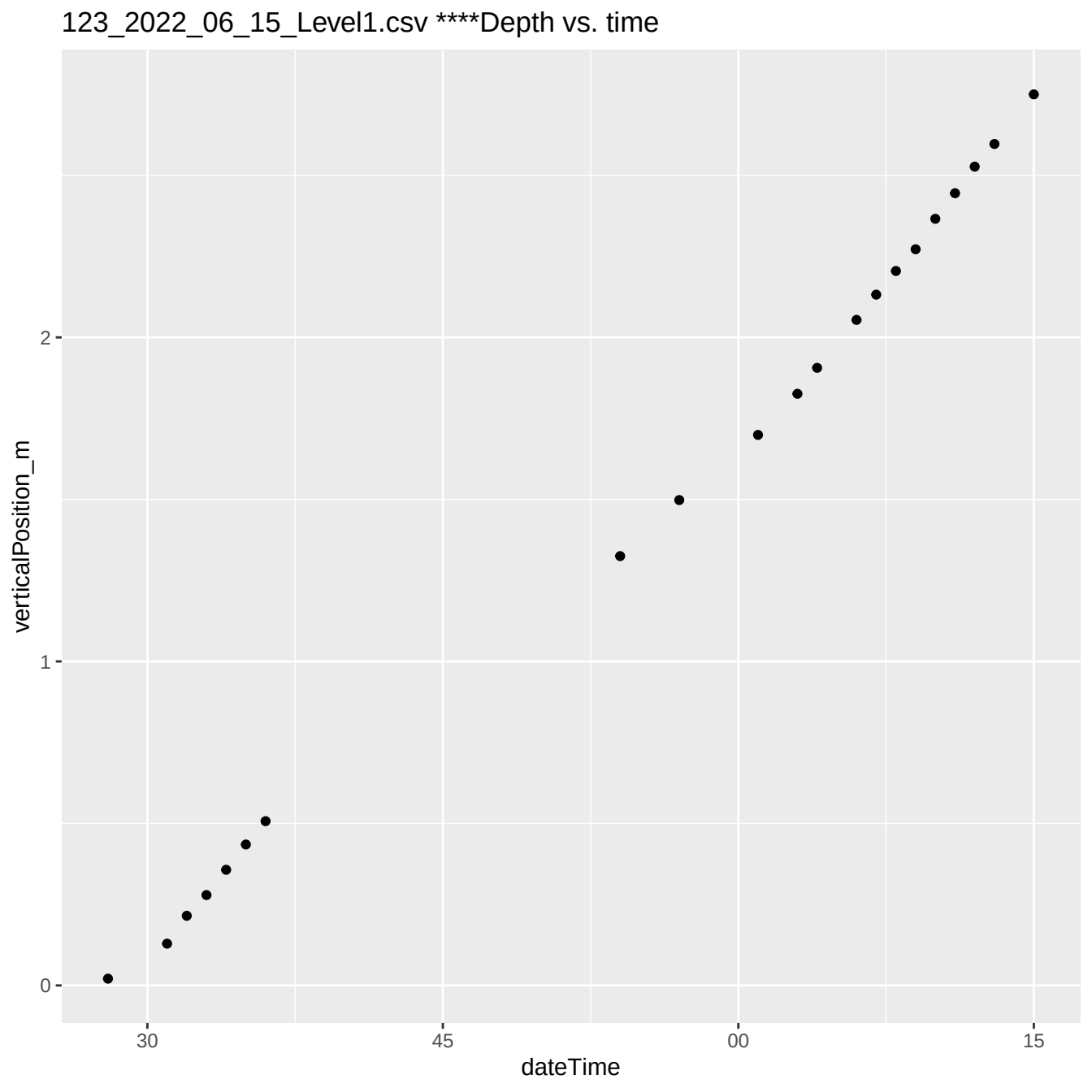

121_2022_06_09_Level1.csv ****chl jumps
verticalPosition_m
0
1
2
3
4
1.0
1.5
2.0
2.5
3.0
chlorophyll_RFU

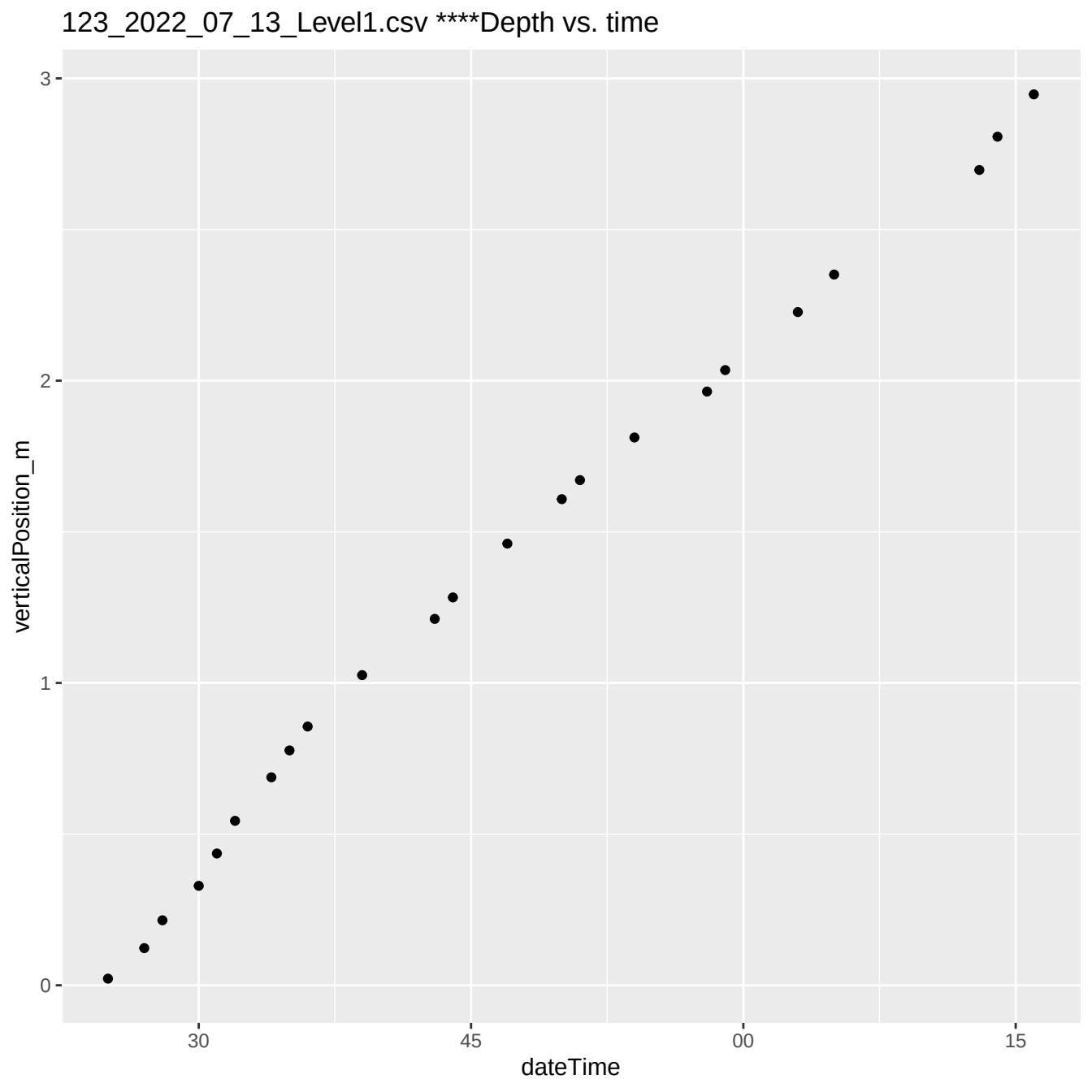

121_2022_06_09_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
1
2
3
phycocyaninBGA_RFU

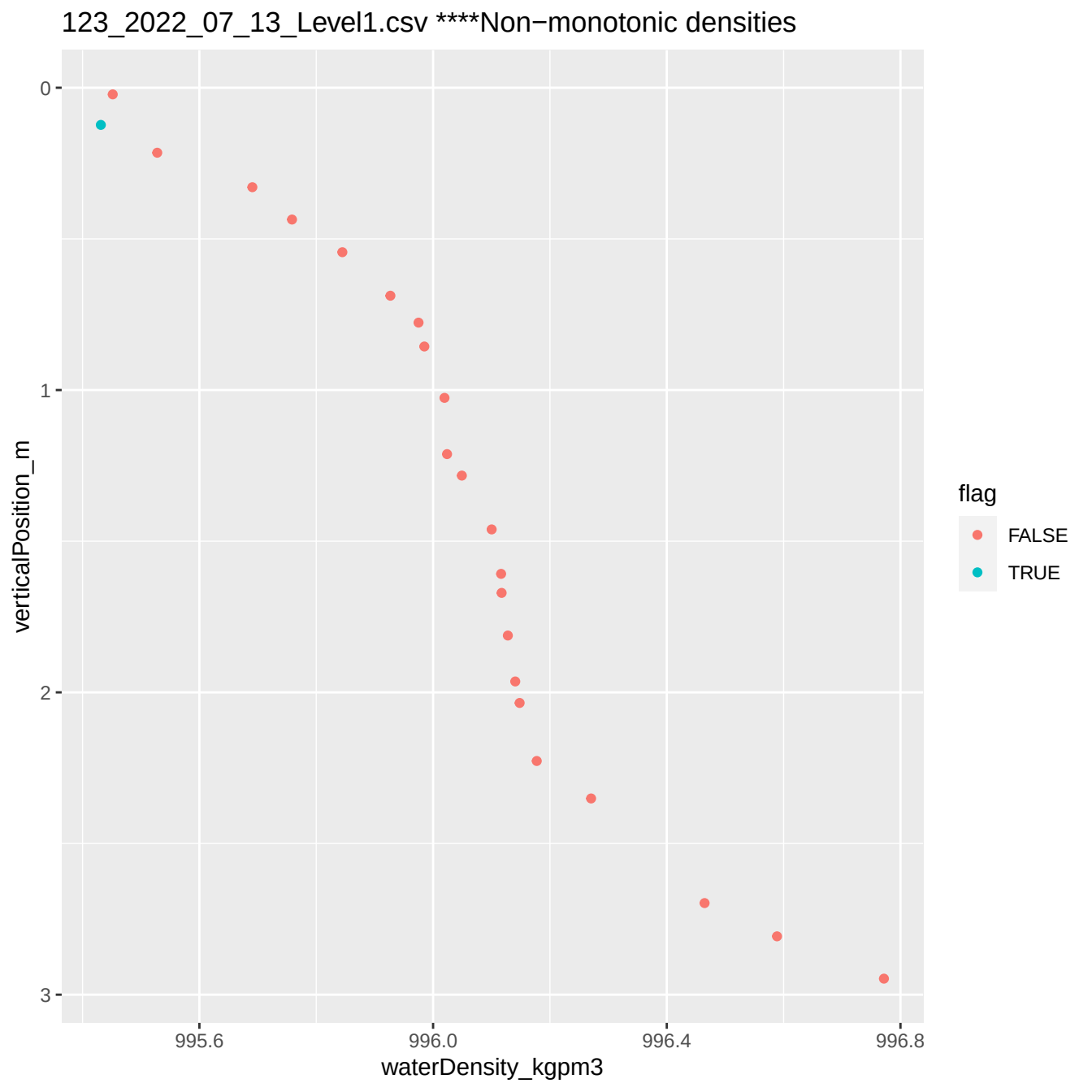

121_2022_06_29_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
00
15
30
45
00
dateTime

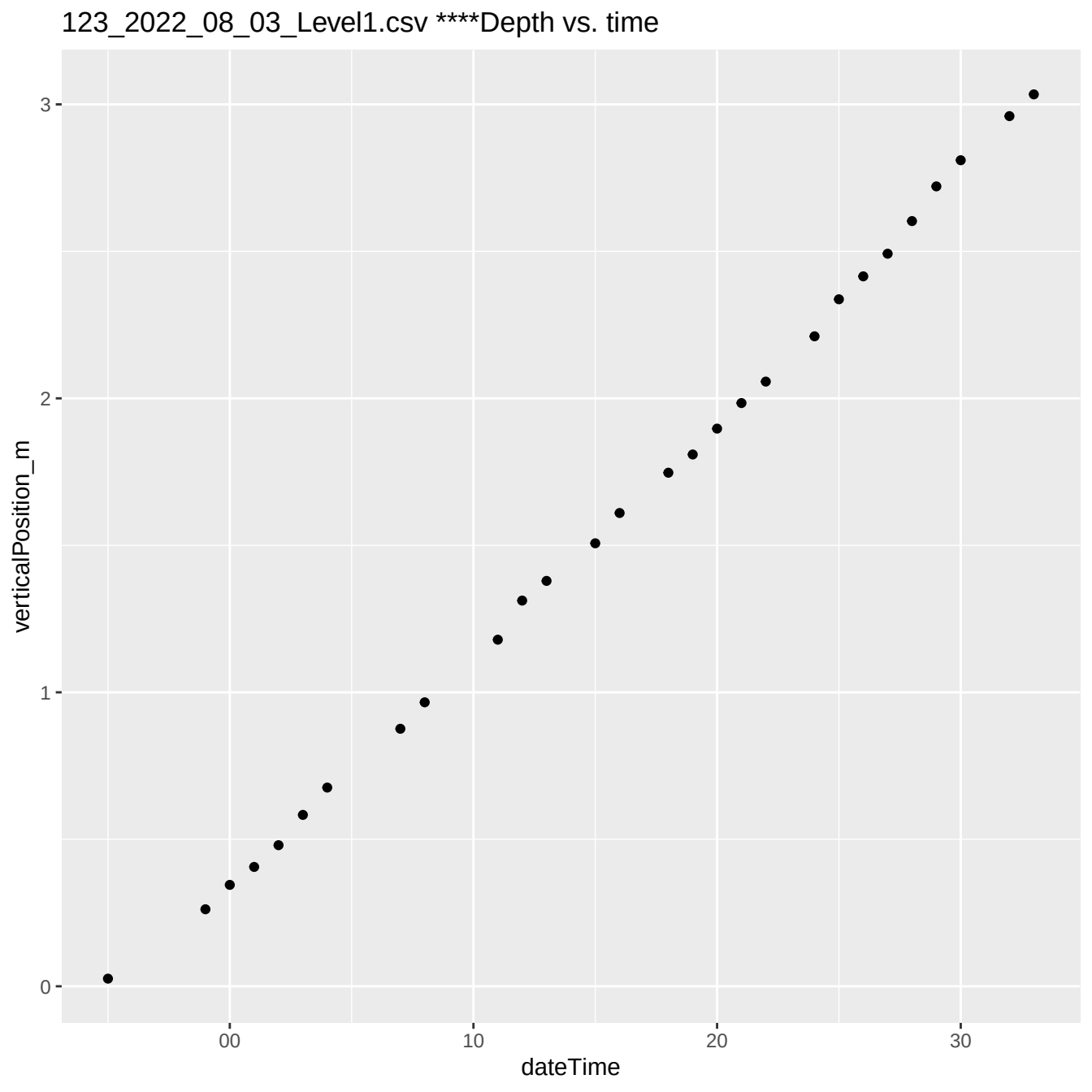

121_2022_07_27_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
09:17:00
09:17:30
09:18:00
09:18:30
dateTime

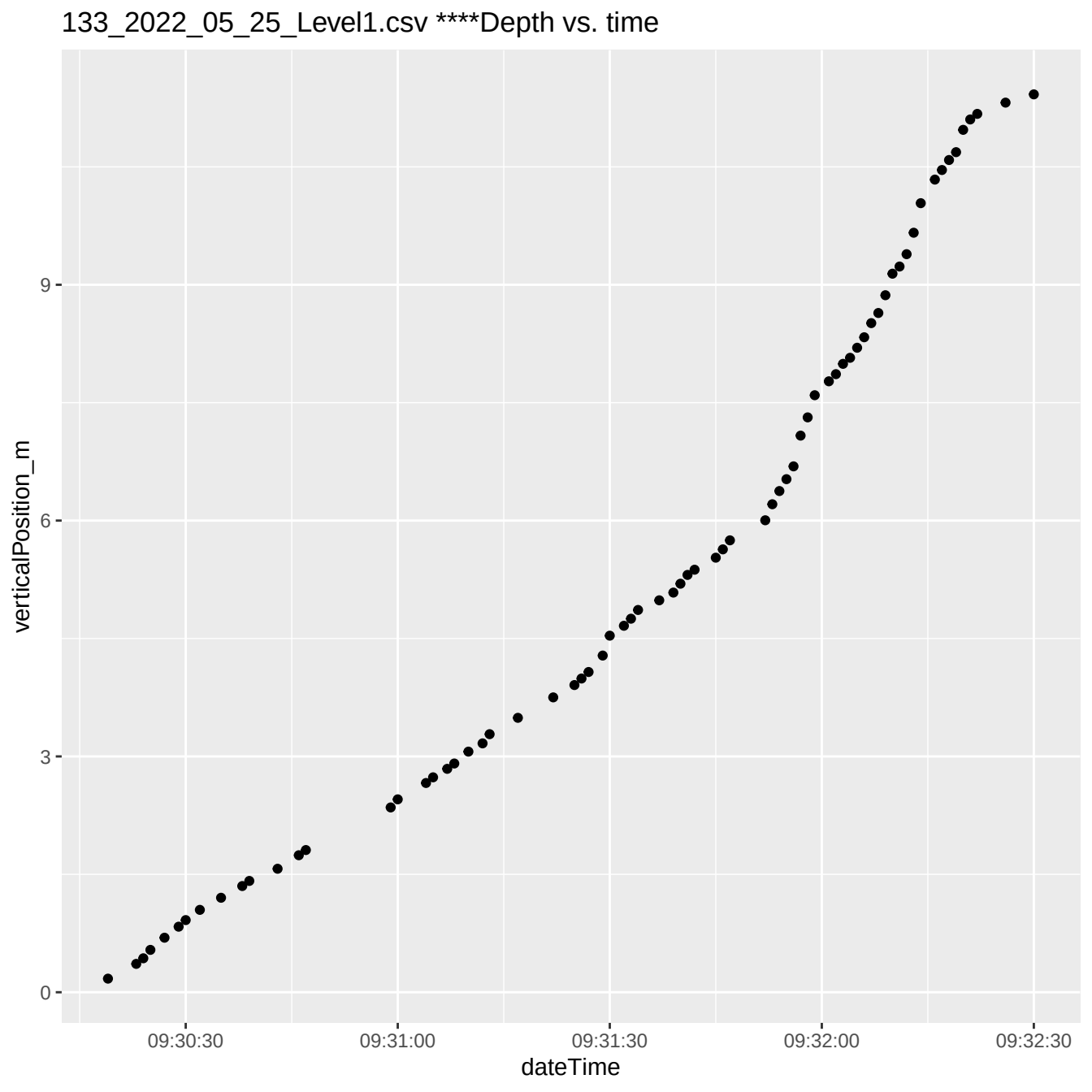

123_2022_05_25_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
15
30
45
00
dateTime

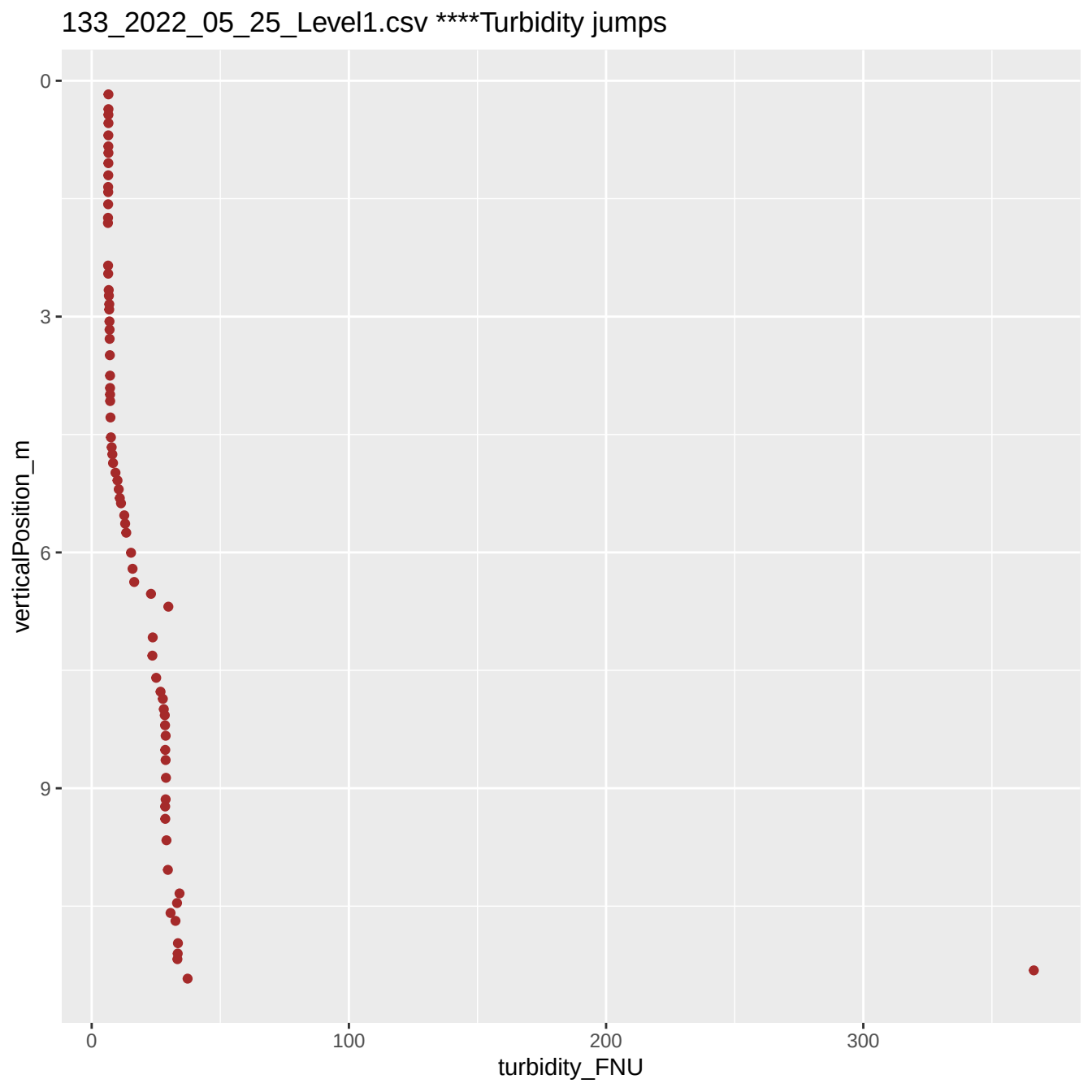

123_2022_06_15_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
0
30
45
00
15
dateTime

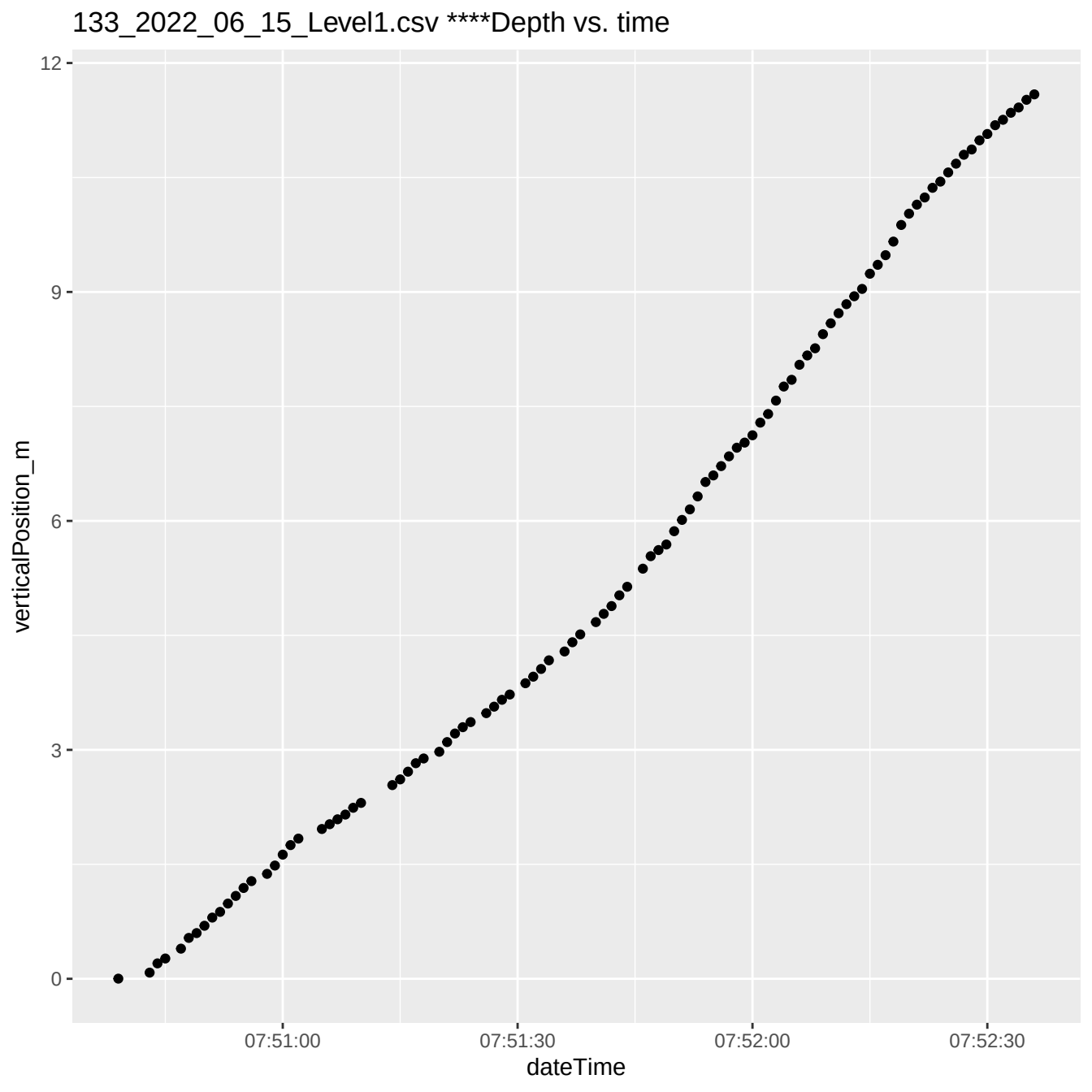

123_2022_07_13_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
30
45
00
15
dateTime

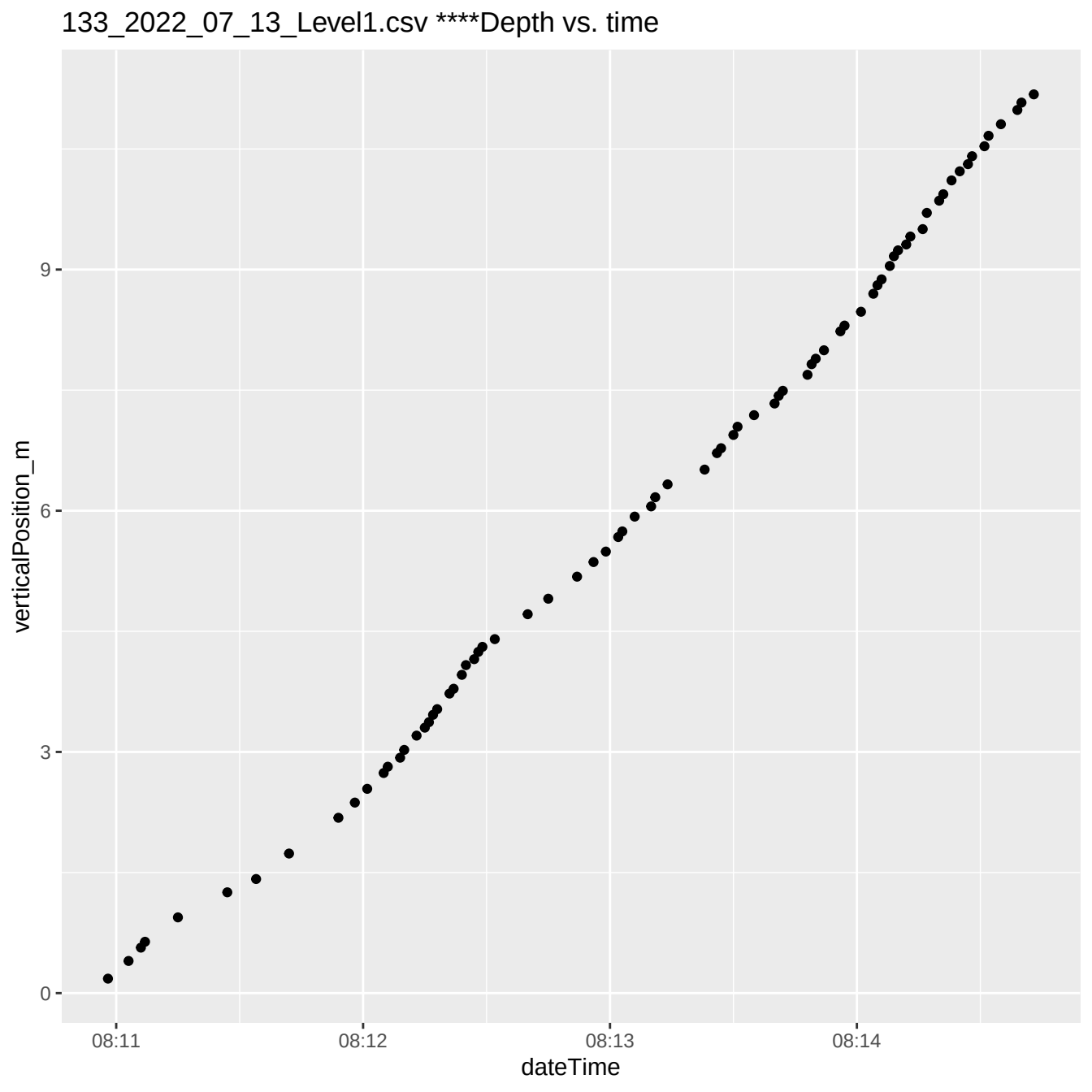

123_2022_07_13_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
995.6
996.0
996.4
996.8
waterDensity_kgpm3
flag
FALSE
TRUE

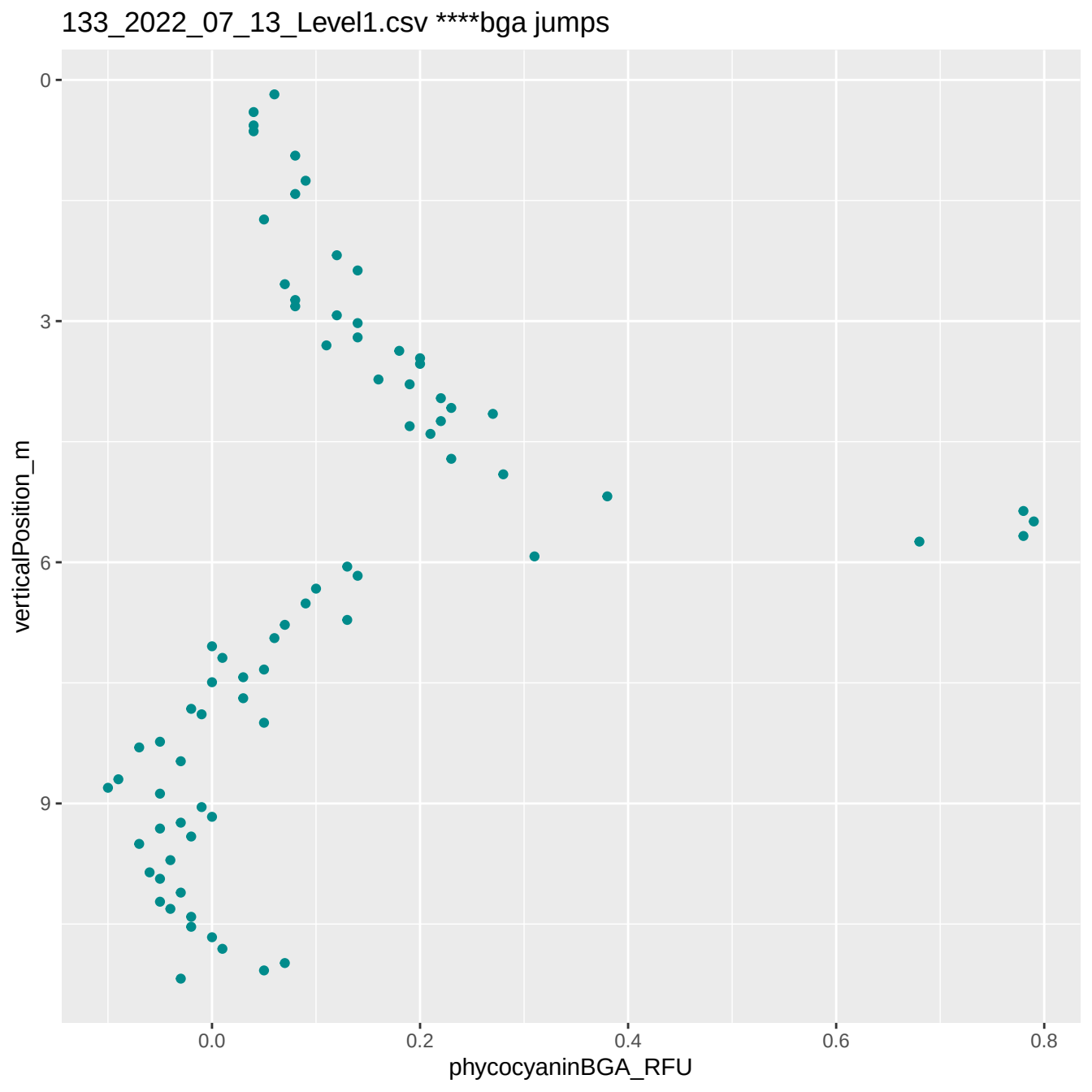

123_2022_08_03_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
00
10
20
30
dateTime

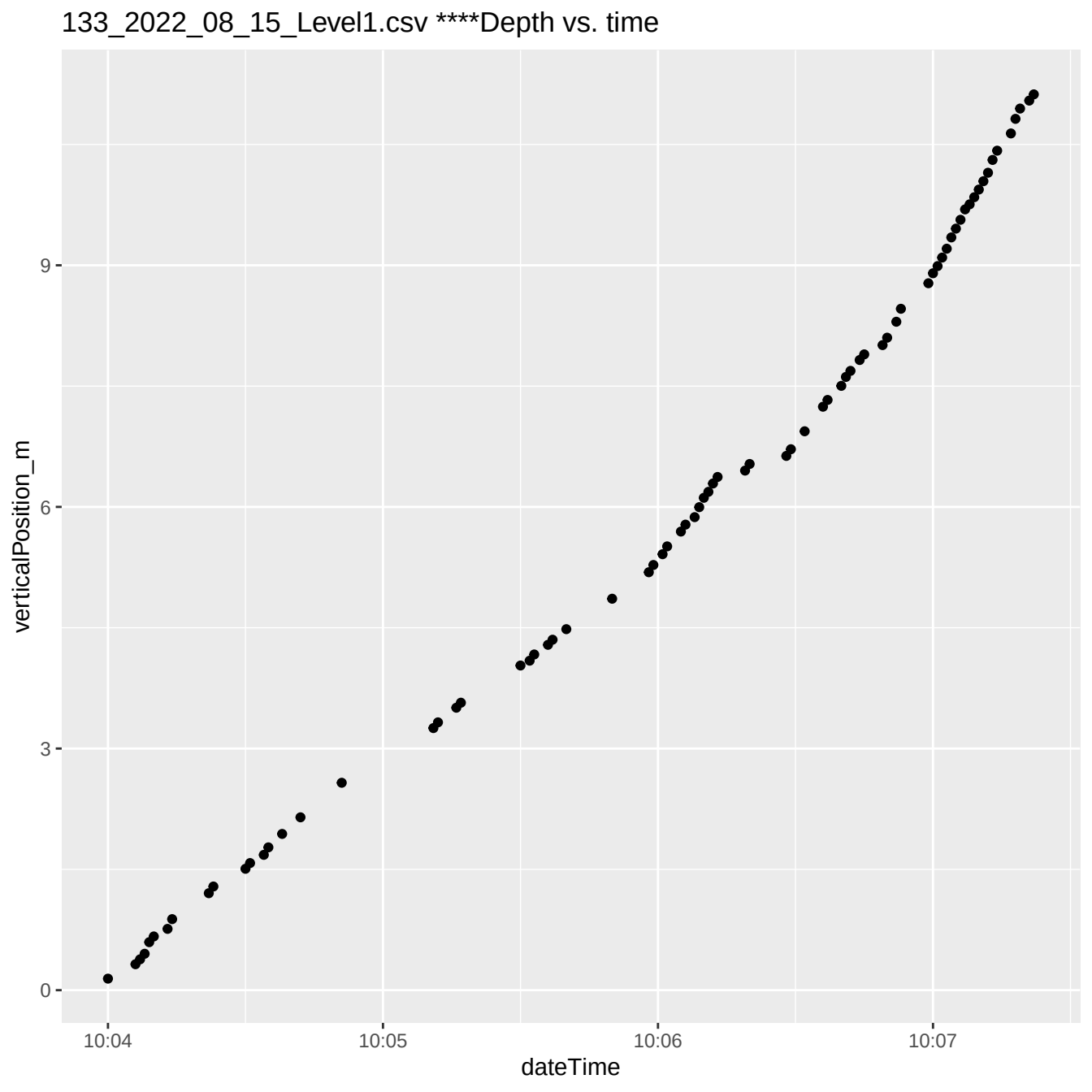

133_2022_05_25_Level1.csv ****Depth vs. time
verticalPosition_m
0
3
6
9
09:30:30
09:31:00
09:31:30
09:32:00
09:32:30
dateTime

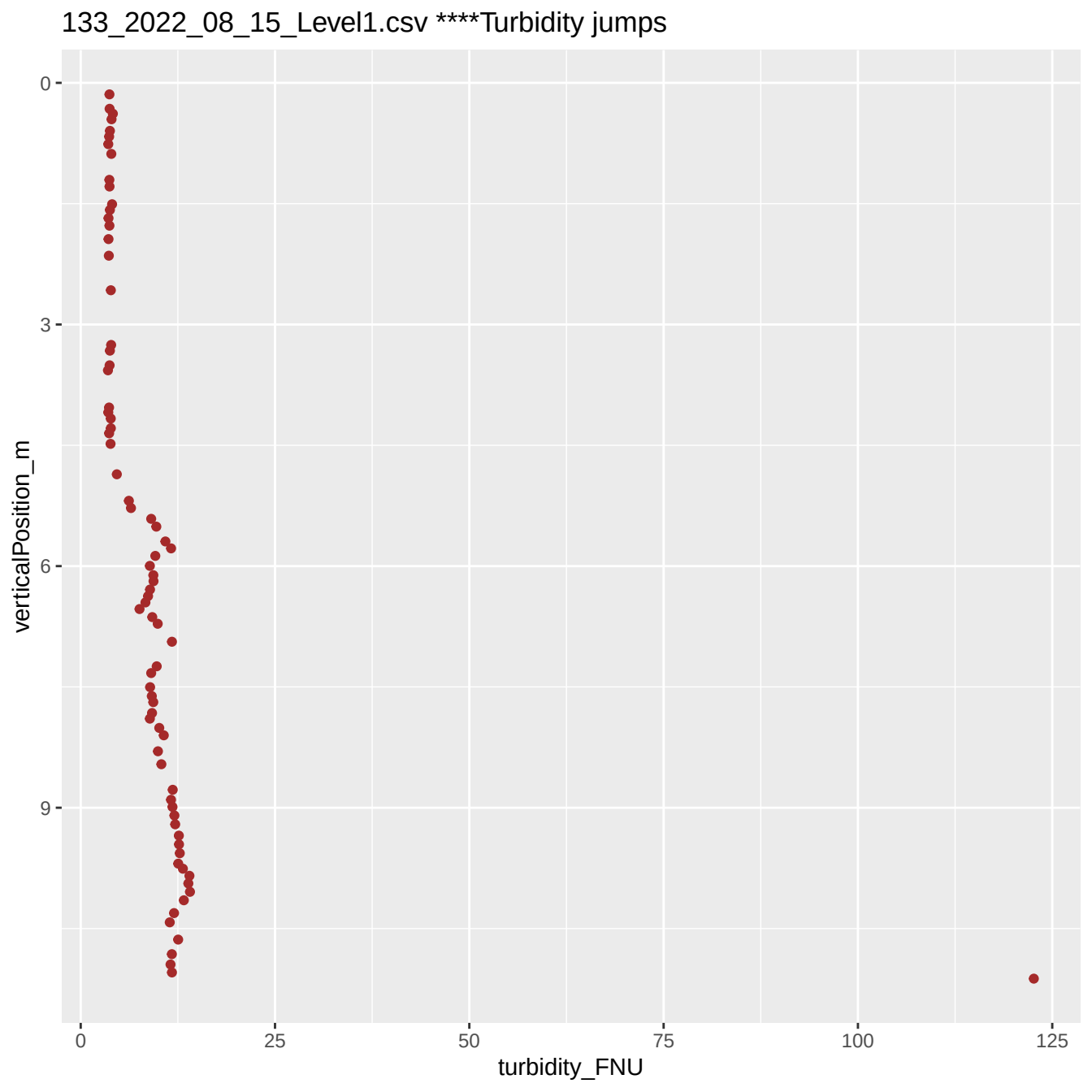

133_2022_05_25_Level1.csv ****Turbidity jumps
verticalPosition_m
0
3
6
9
0
100
200
300
turbidity_FNU

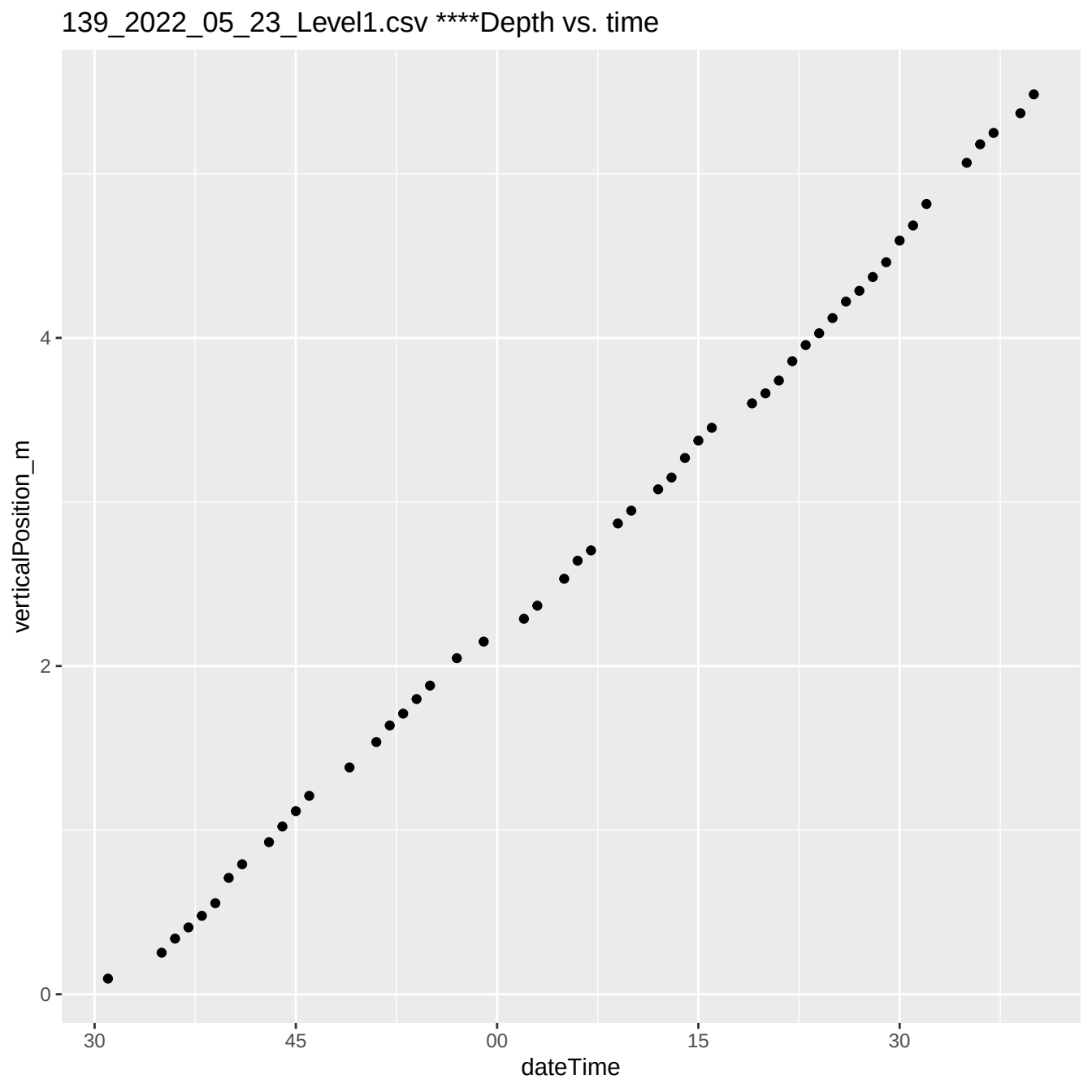

133_2022_06_15_Level1.csv ****Depth vs. time
12
9
6
3
0
verticalPosition_m
07:51:00
07:51:30
07:52:00
07:52:30
dateTime

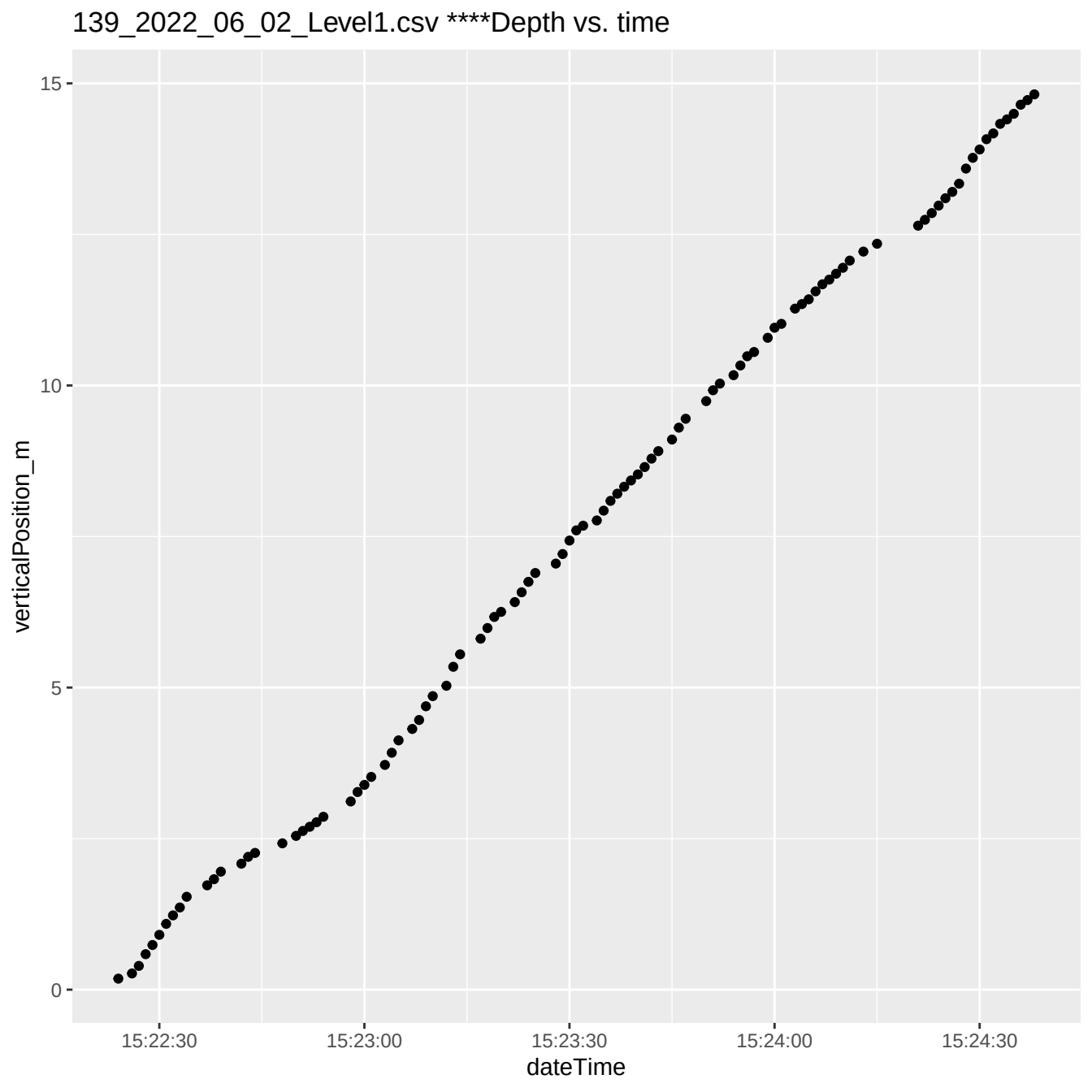

133_2022_07_13_Level1.csv ****Depth vs. time
verticalPosition_m
9
6
3
0
08:11
08:12
08:13
08:14
dateTime

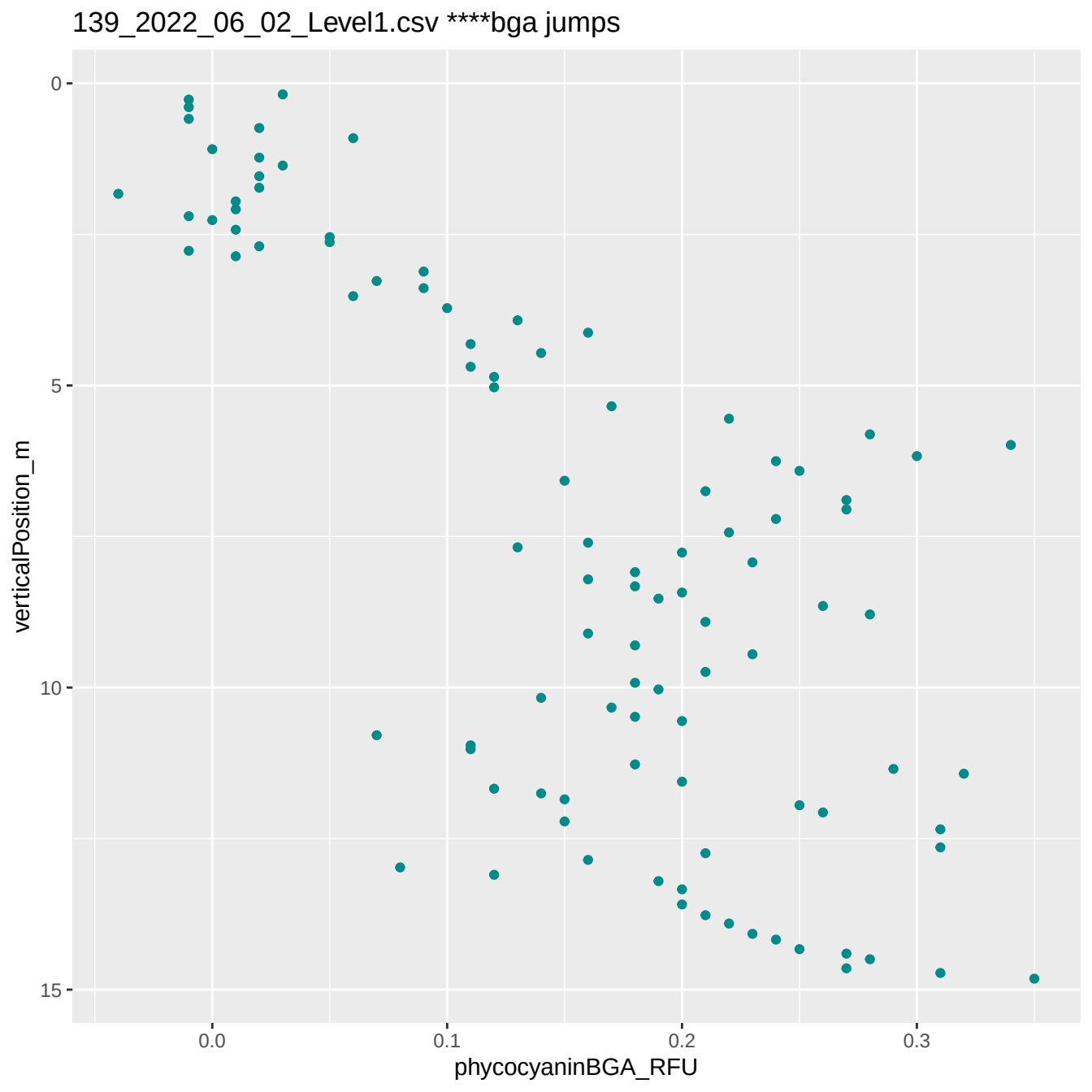

133_2022_07_13_Level1.csv ****bga jumps
0
3
6
9
verticalPosition_m
0.0
0.2
0.4
0.6
0.8
phycocyaninBGA_RFU

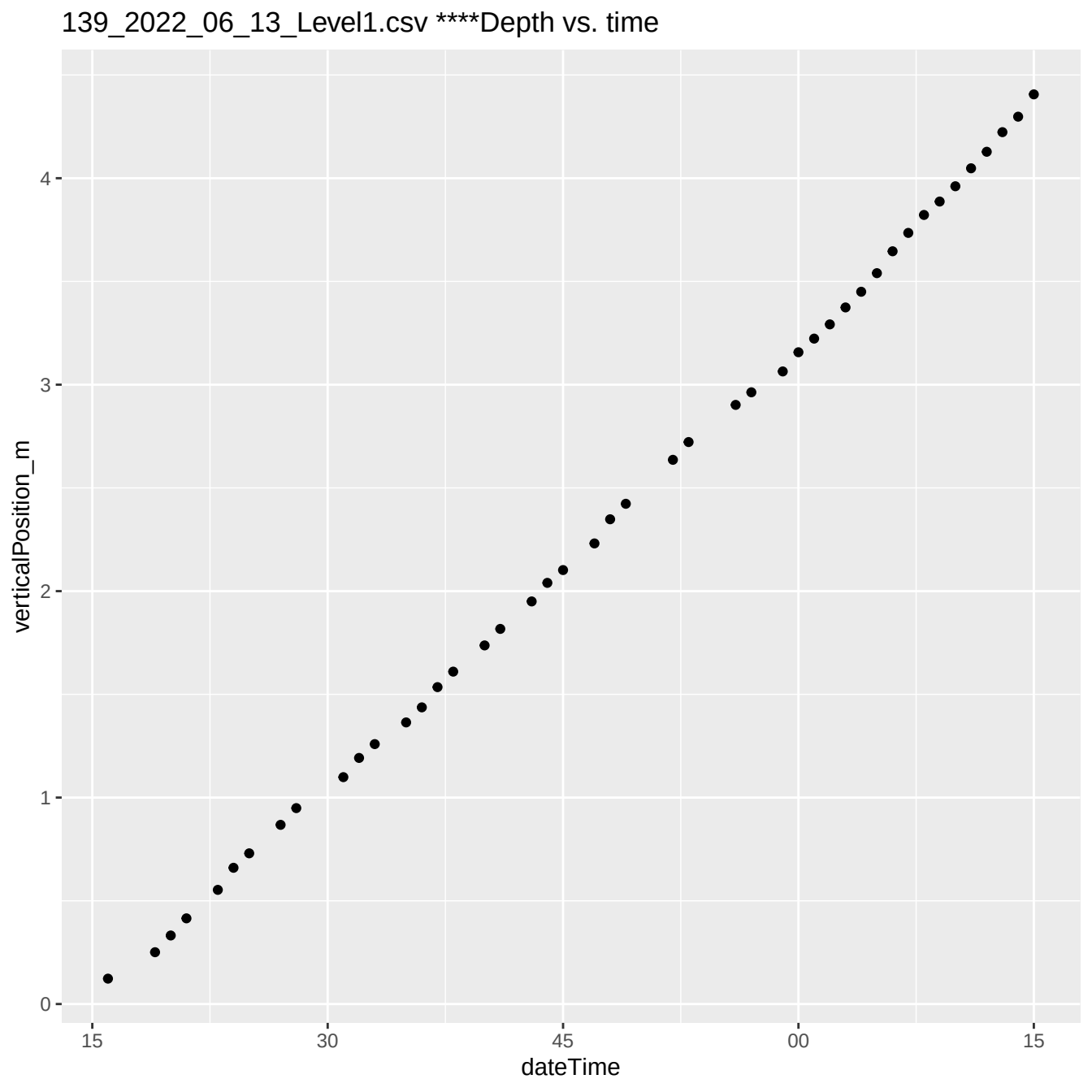

133_2022_08_15_Level1.csv ****Depth vs. time
verticalPosition_m
9
6
3
0
10:04
10:05
10:06
10:07
dateTime

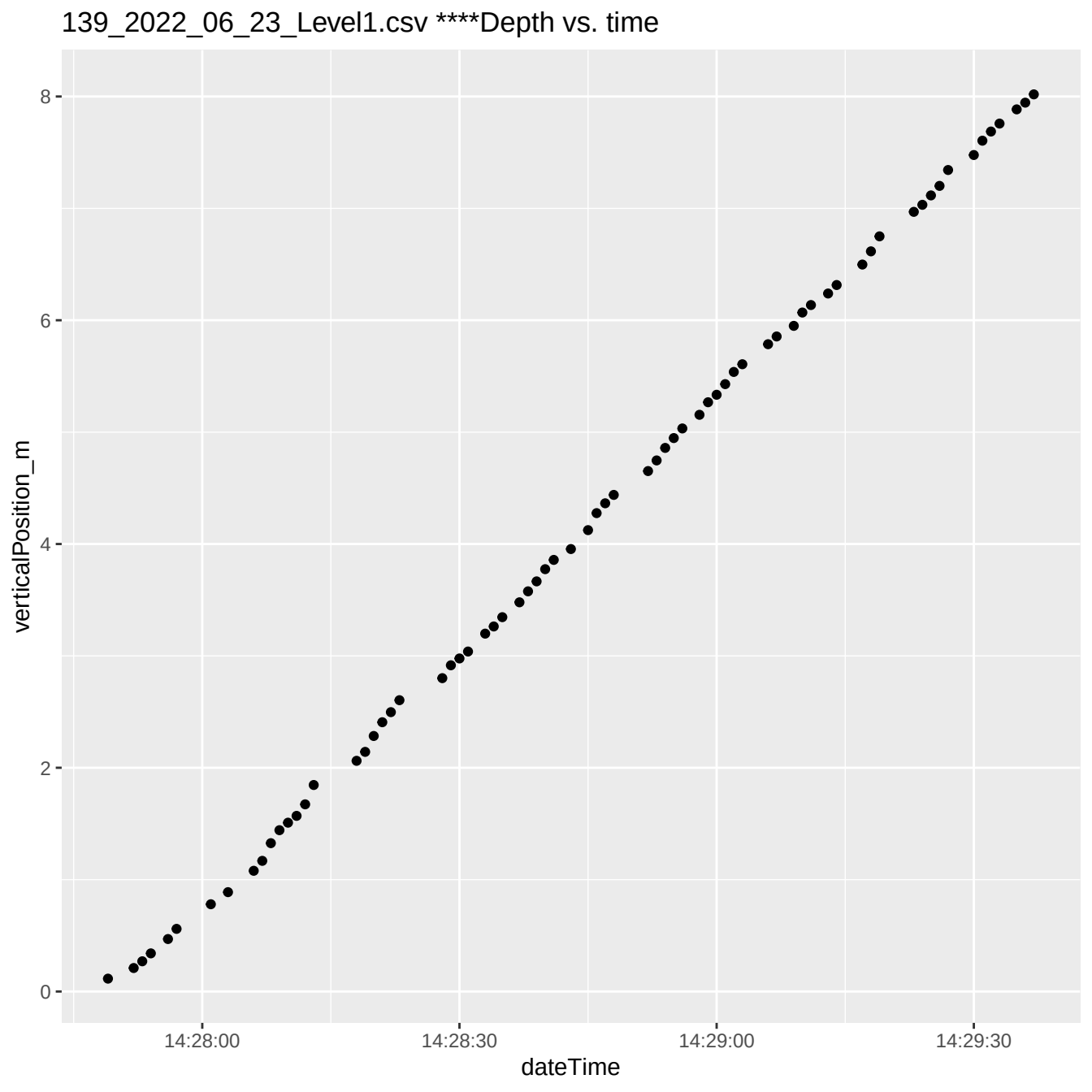

133_2022_08_15_Level1.csv ****Turbidity jumps
verticalPosition_m
0
3
6
9
0
25
50
75
100
125
turbidity_FNU

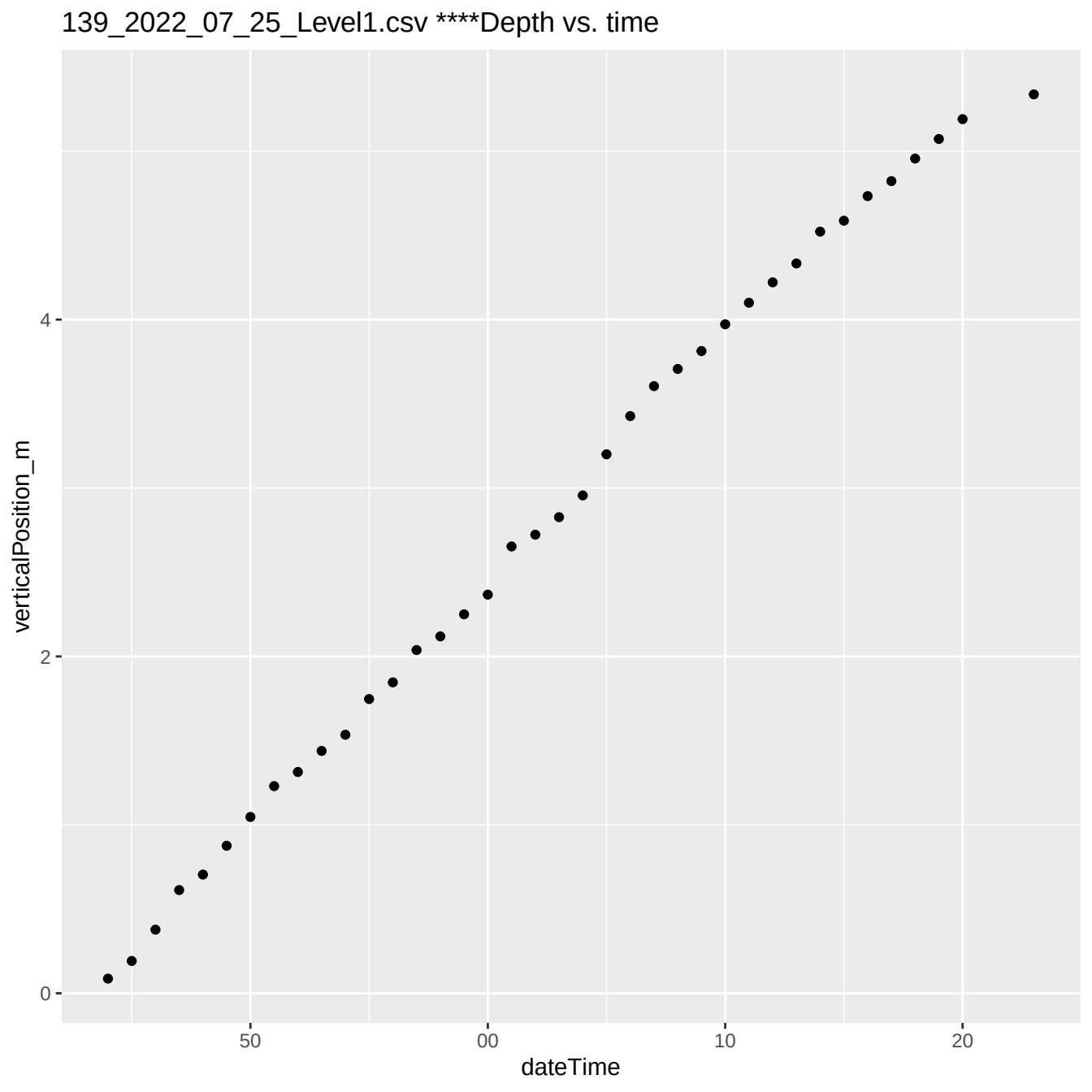

139_2022_05_23_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
30
45
00
15
30
dateTime

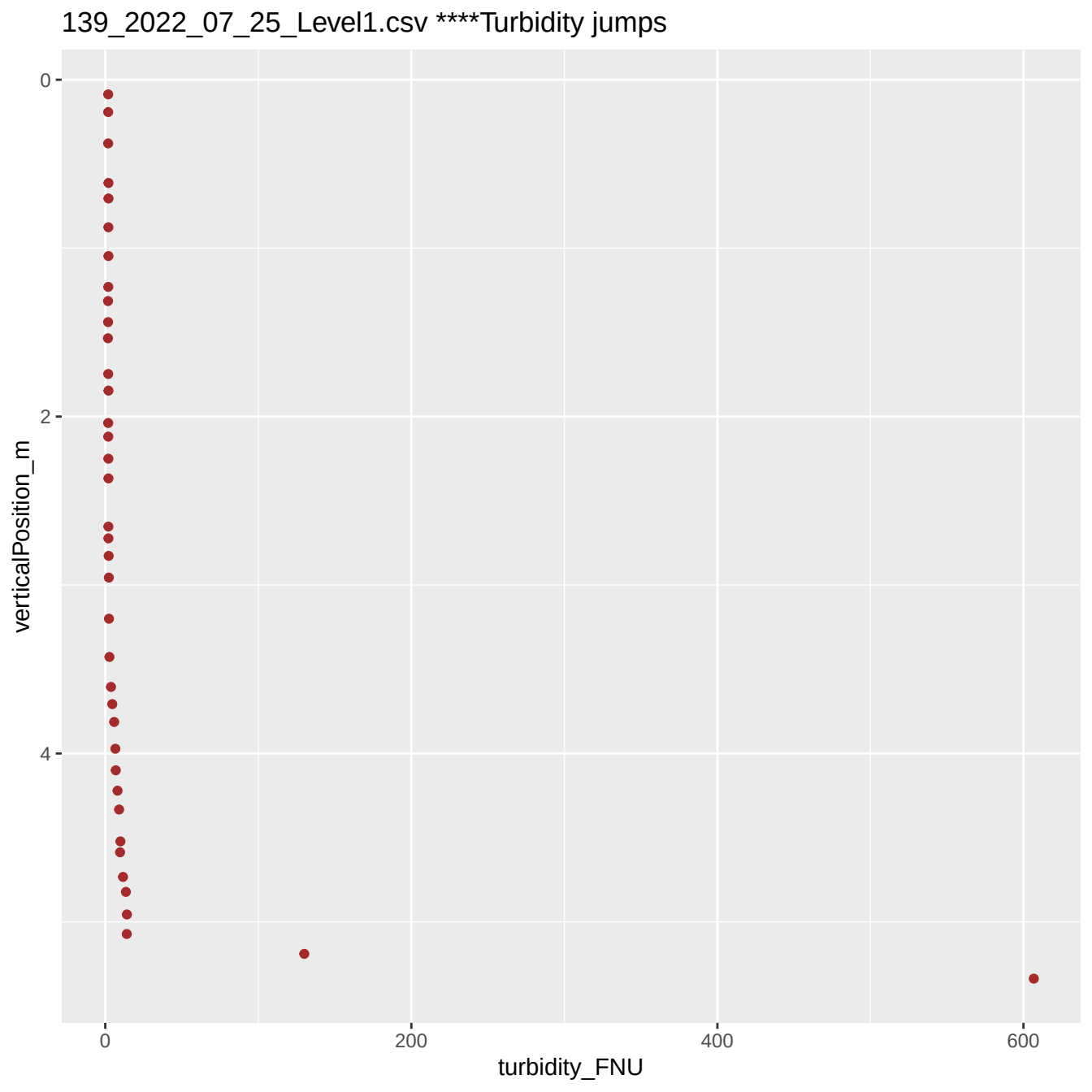

139_2022_06_02_Level1.csv ****Depth vs. time
15
10
5
0
verticalPosition_m
15:22:30
15:23:00
15:23:30
15:24:00
15:24:30
dateTime

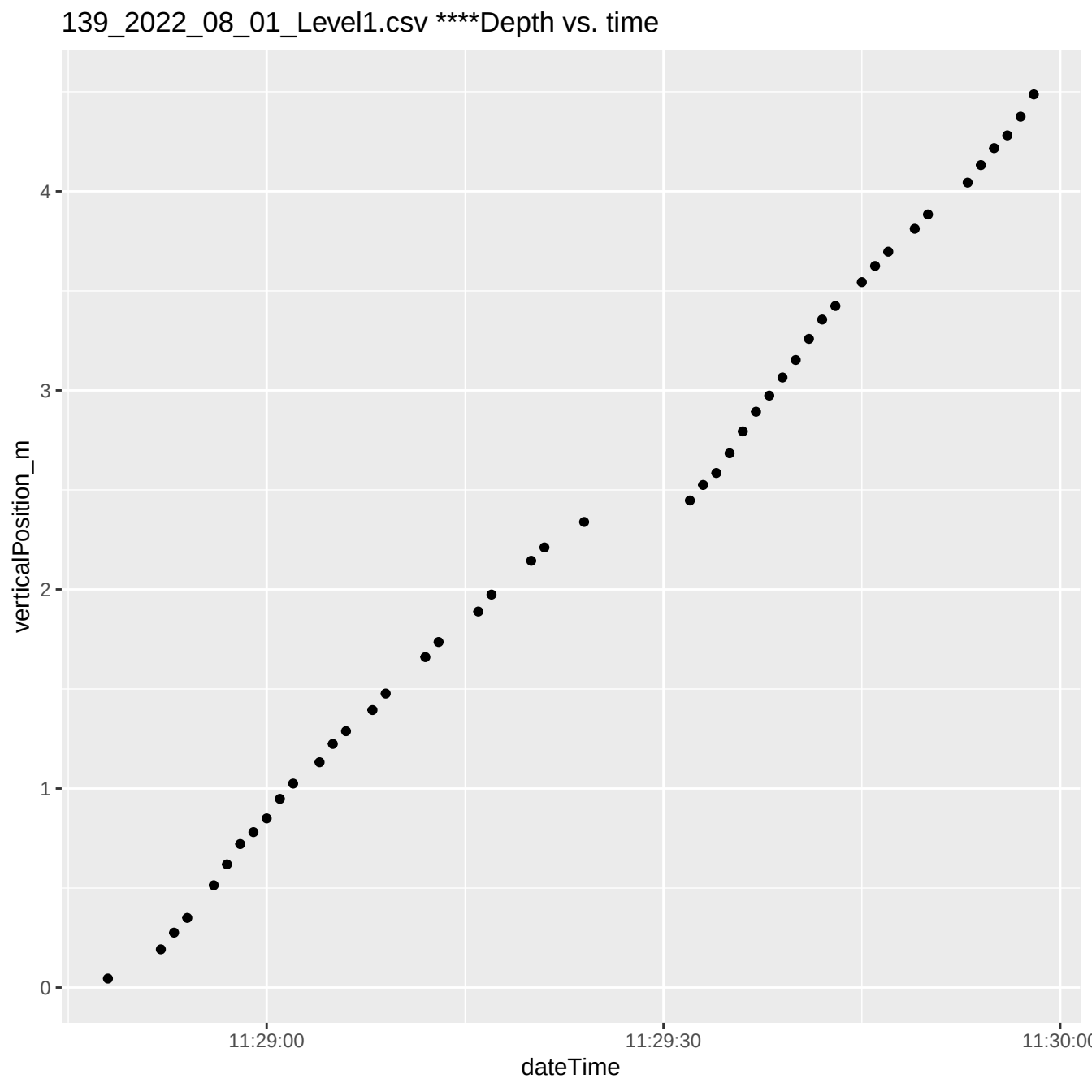

139_2022_06_02_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

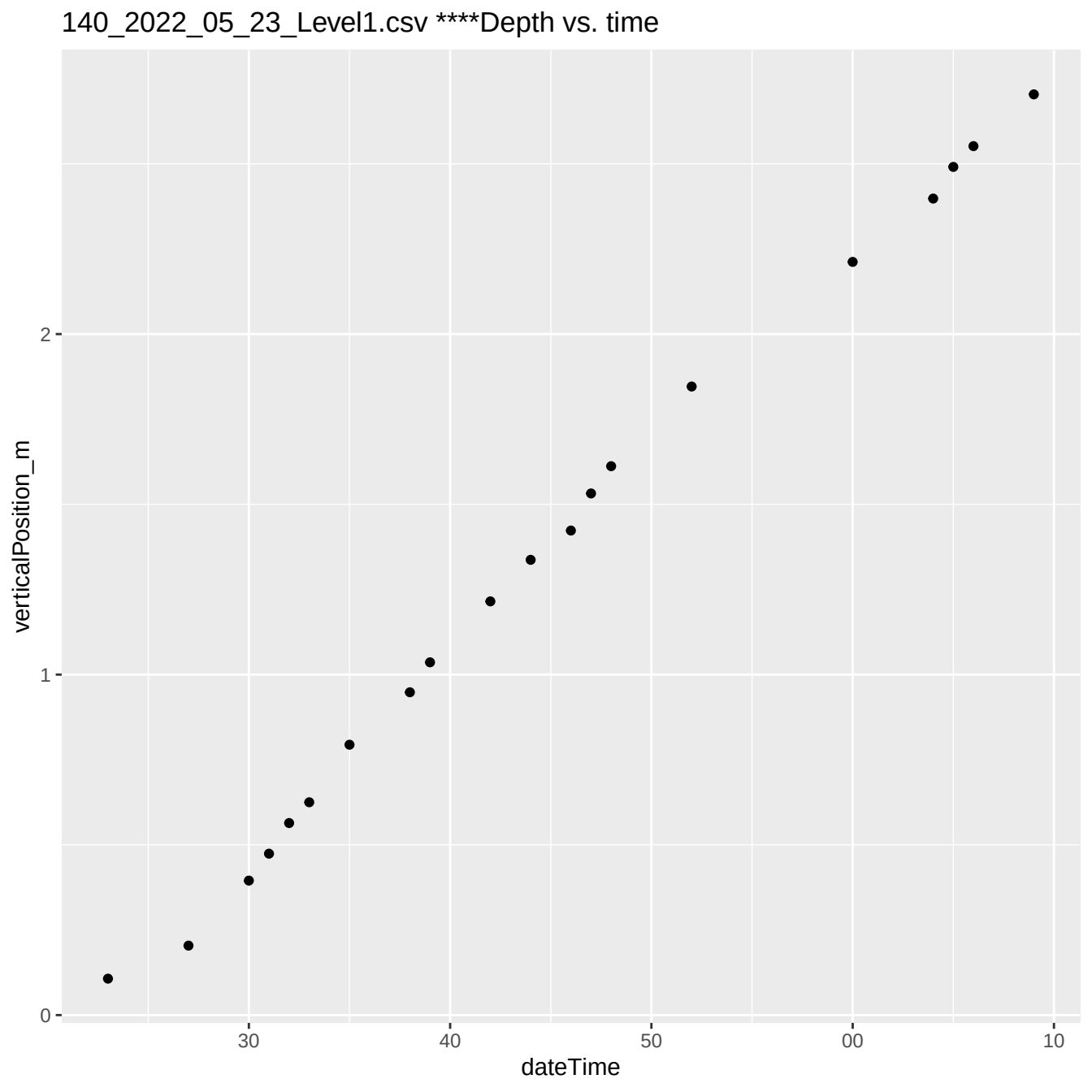

139_2022_06_13_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
15
30
45
00
15
dateTime

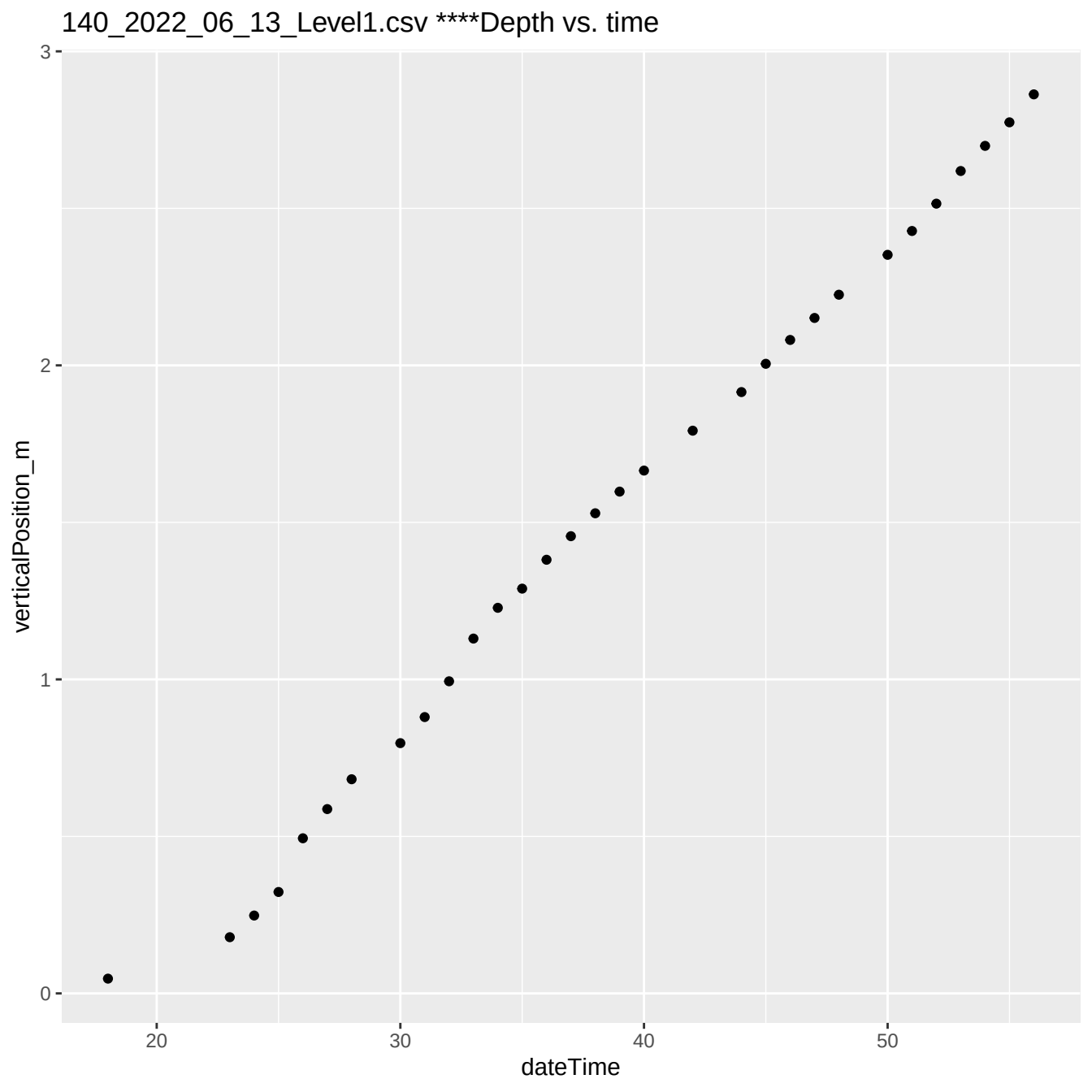

139_2022_06_23_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
14:28:00
14:28:30
14:29:00
14:29:30
dateTime

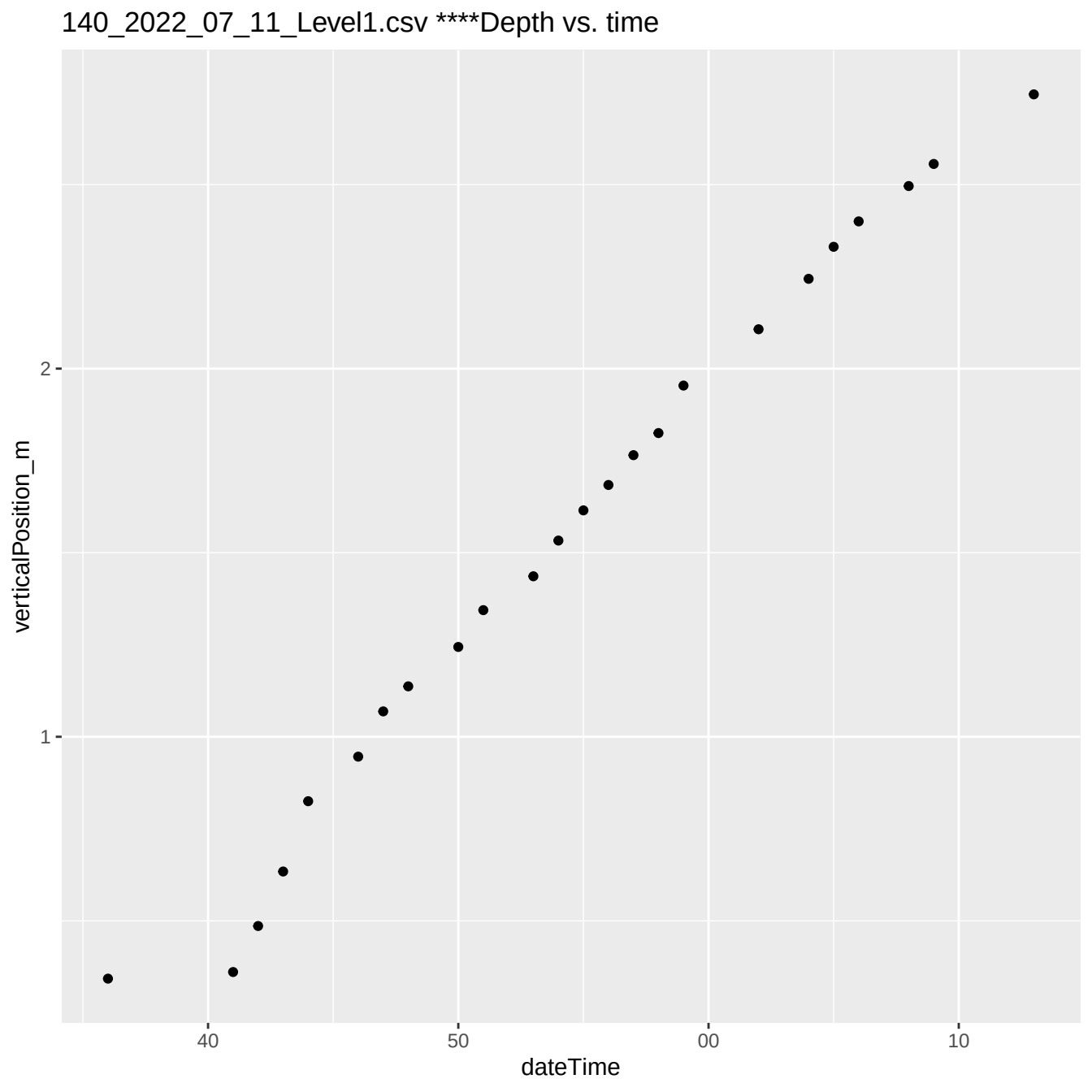

139_2022_07_25_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
50
00
10
20
dateTime

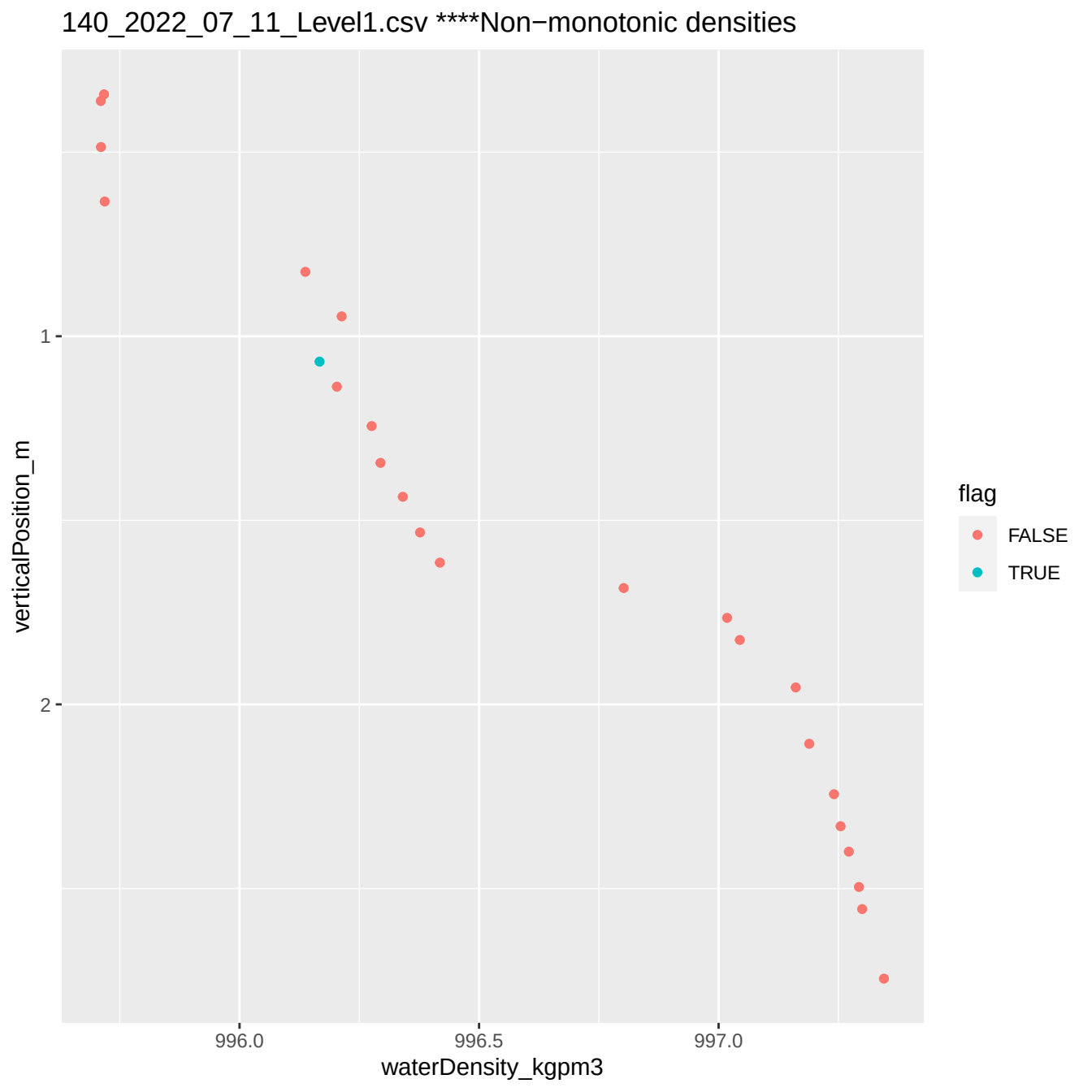

139_2022_07_25_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
0
200
400
600
turbidity_FNU

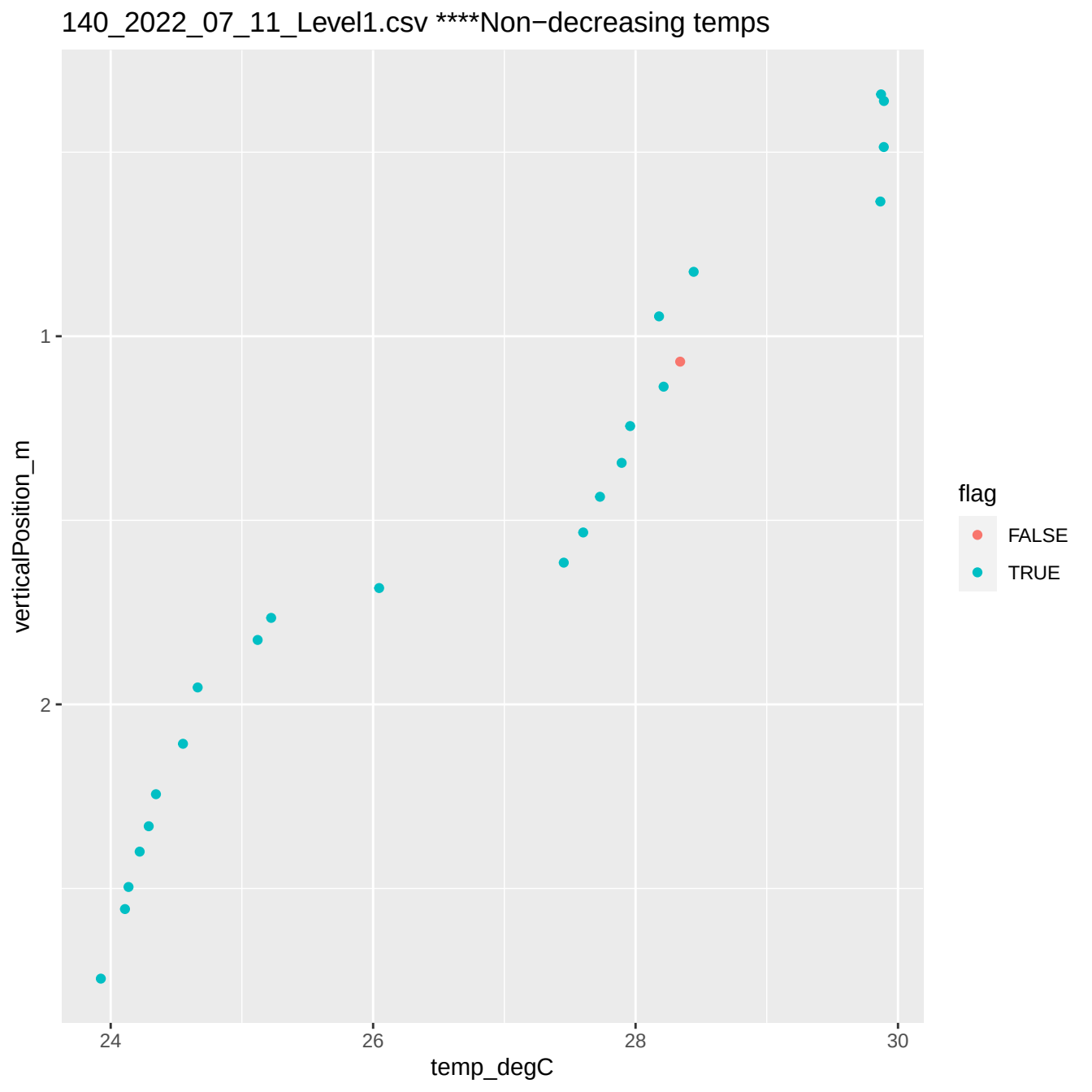

139_2022_08_01_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
11:29:00
11:29:30
11:30:00
dateTime

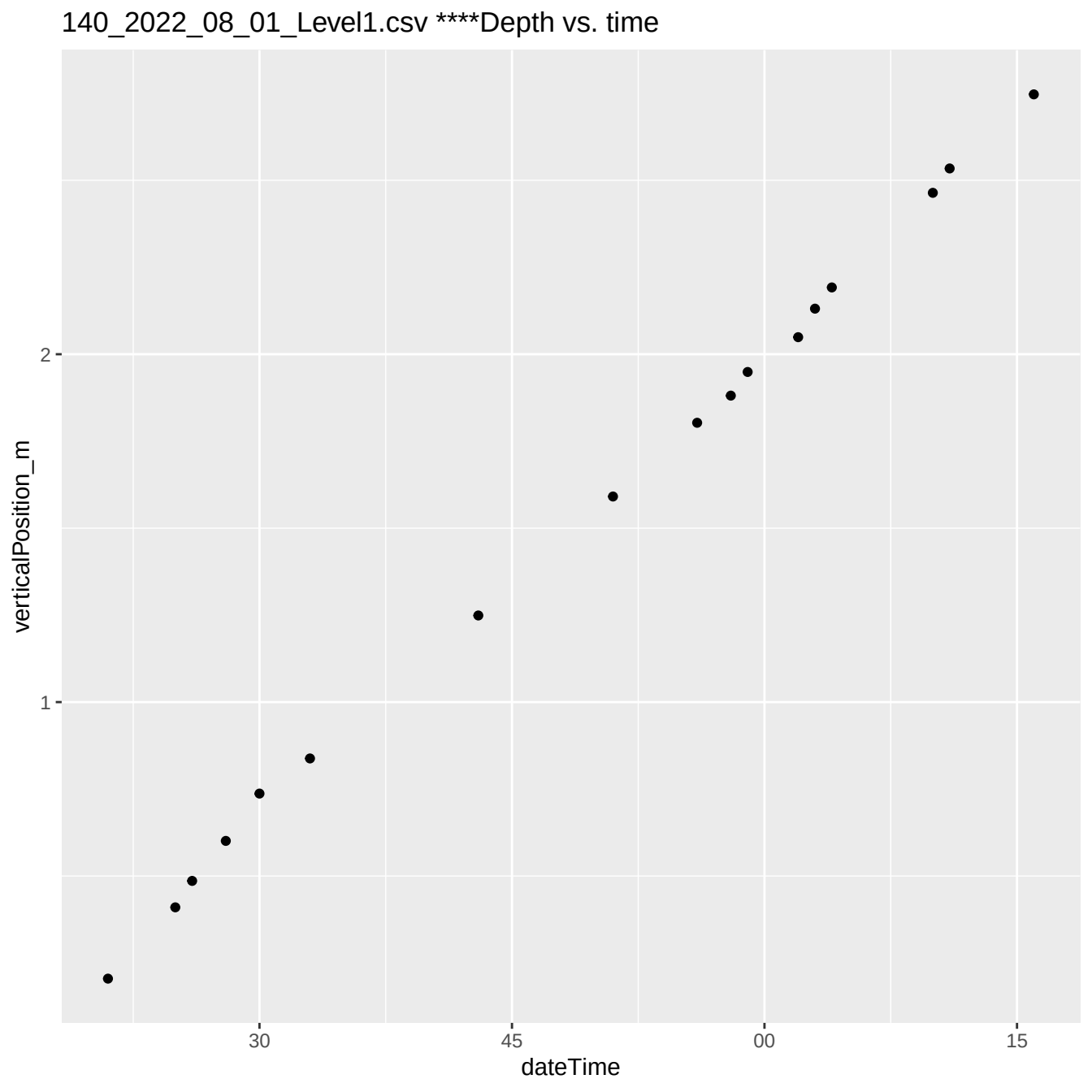

140_2022_05_23_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
30
40
50
00
10
dateTime

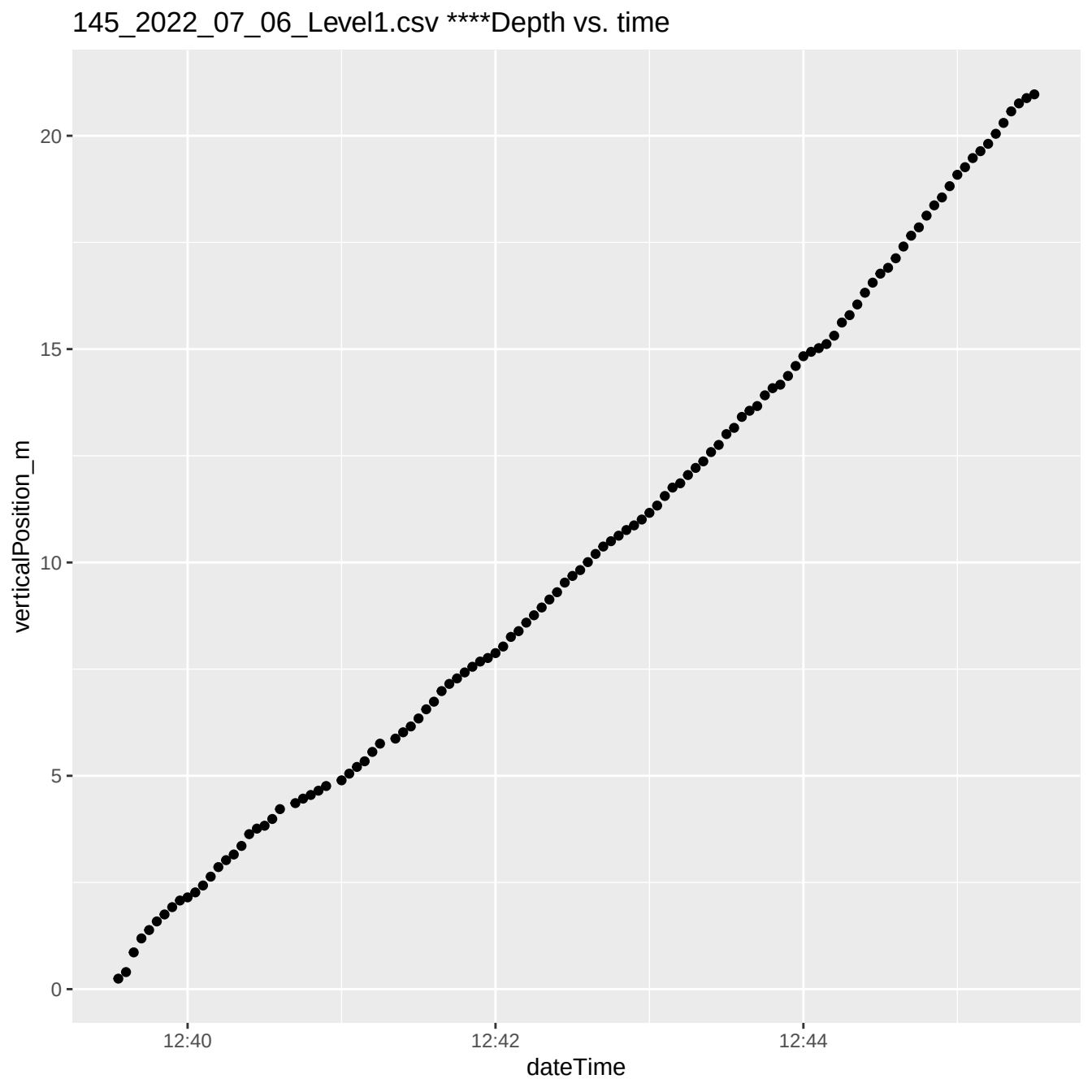

140_2022_06_13_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
20
30
40
50
dateTime

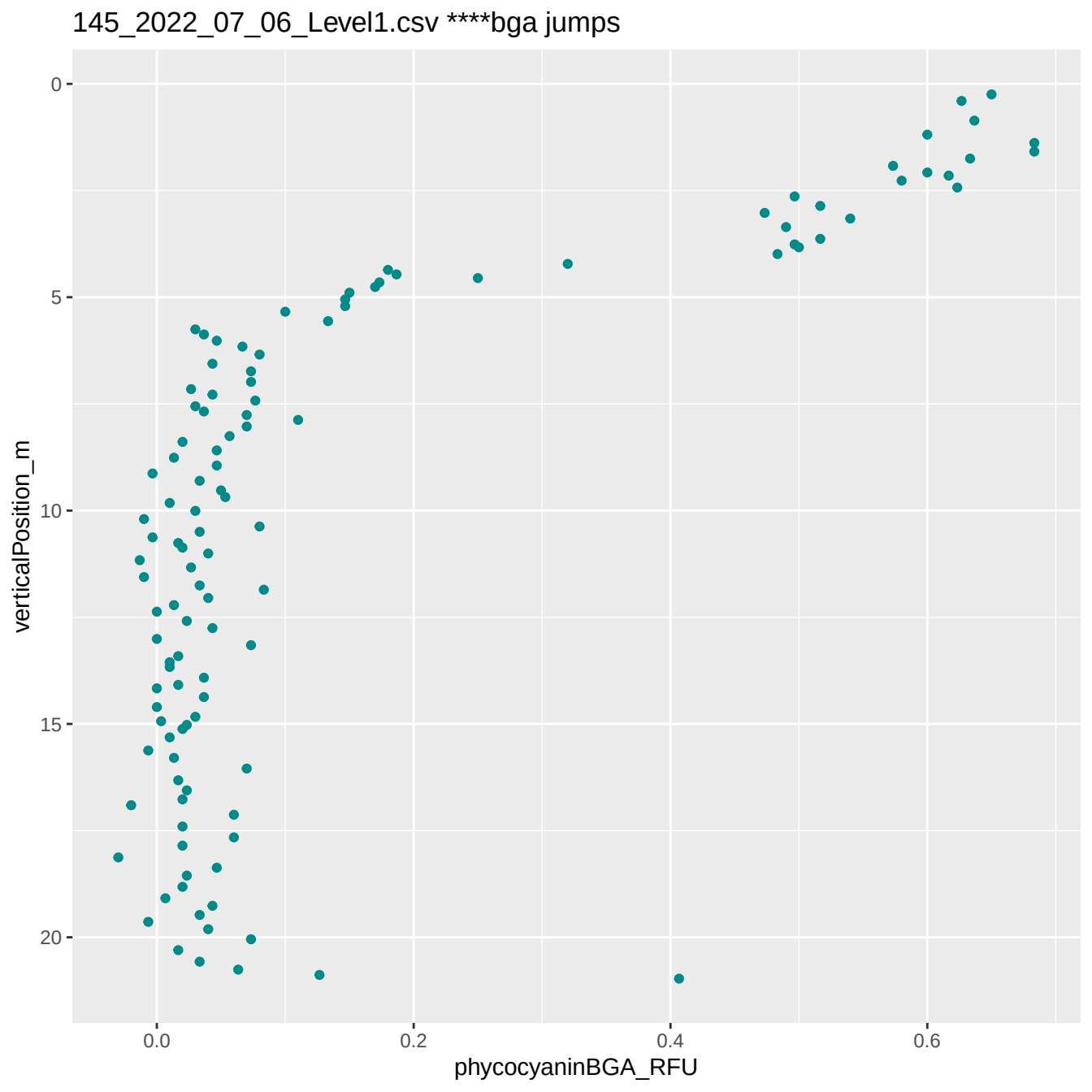

140_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
40
50
00
10
dateTime

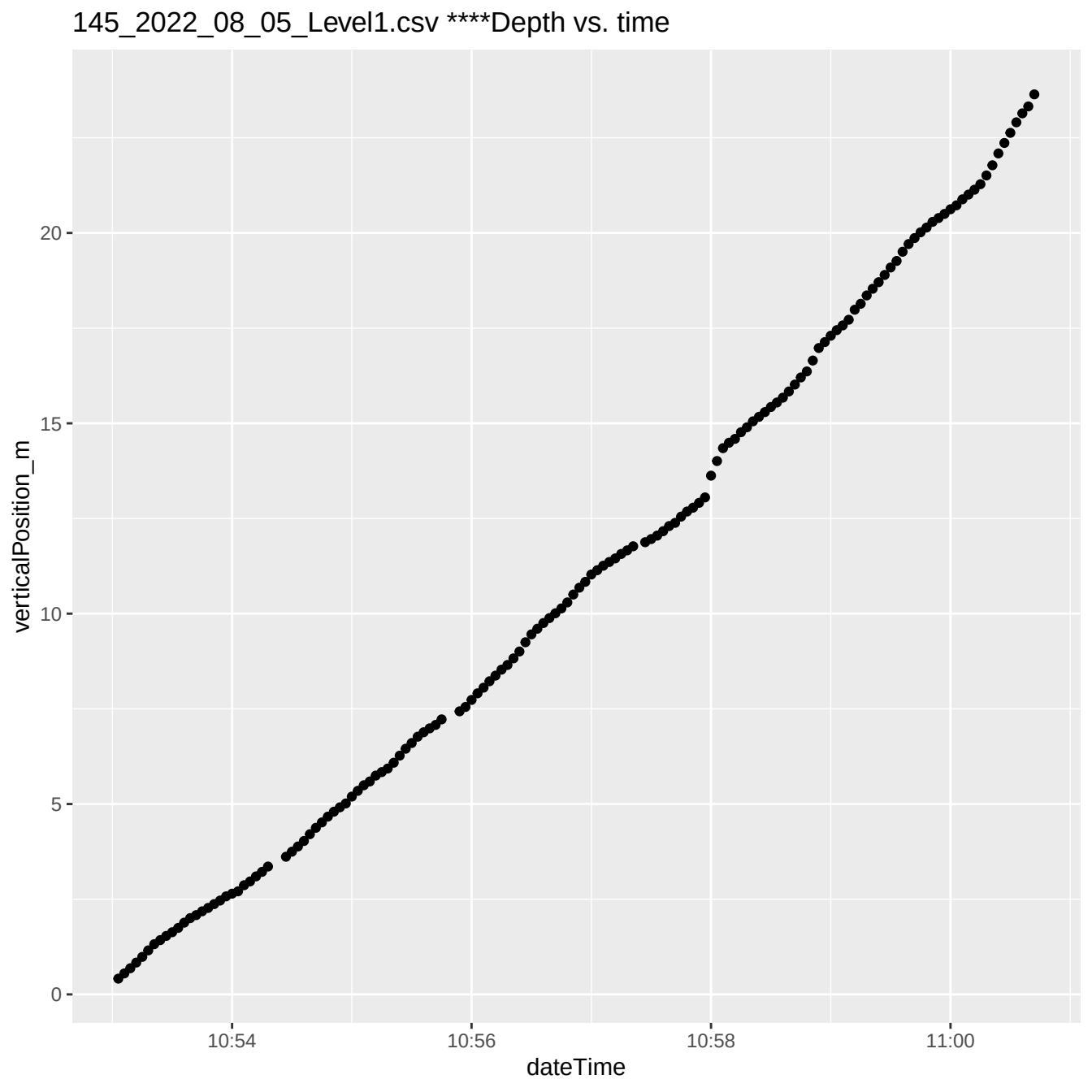

140_2022_07_11_Level1.csv ****Non−monotonic densities
verticalPosition_m
1
2
996.0
996.5
997.0
waterDensity_kgpm3
flag
FALSE
TRUE

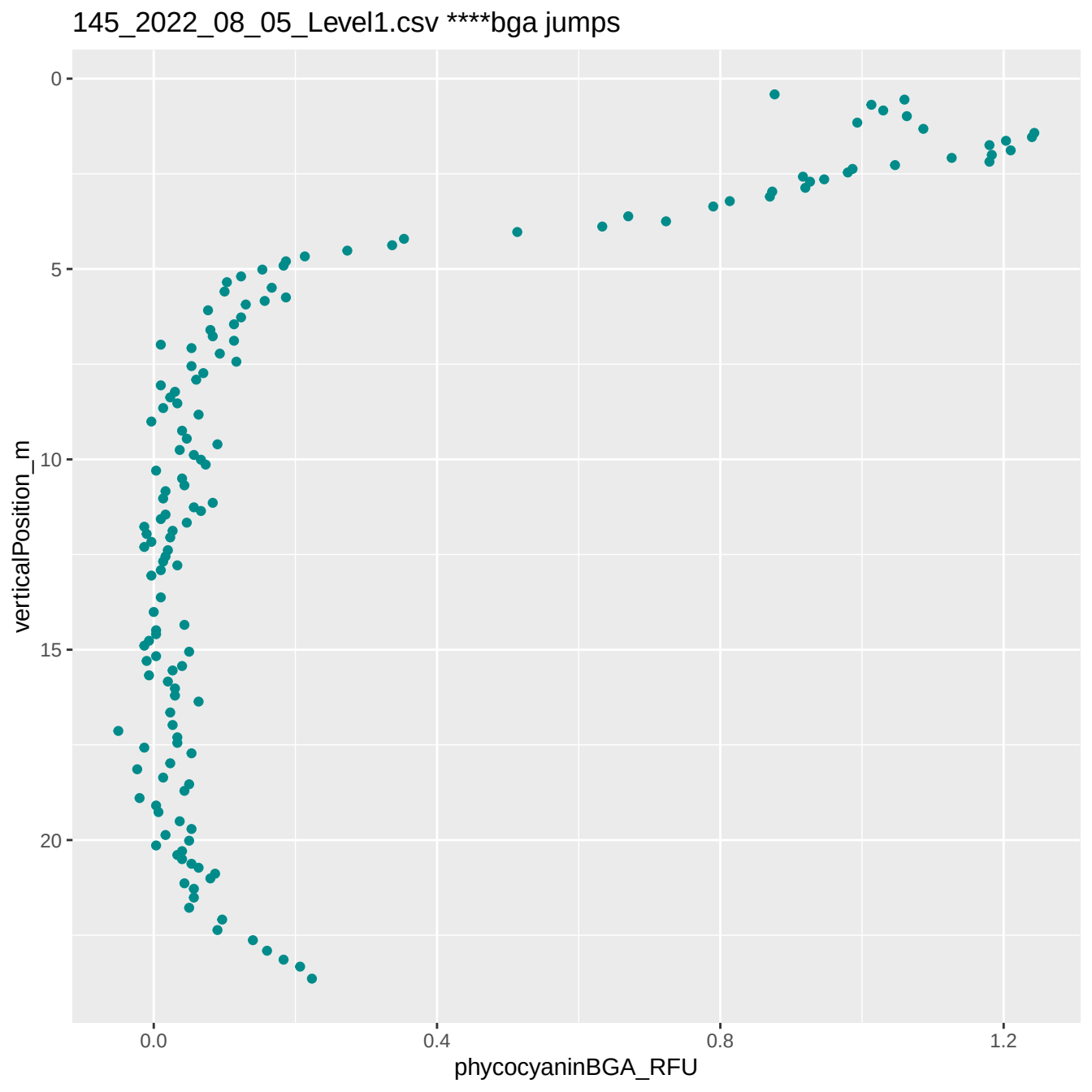

140_2022_07_11_Level1.csv ****Non−decreasing temps
verticalPosition_m
1
2
24
26
28
30
temp_degC
flag
FALSE
TRUE

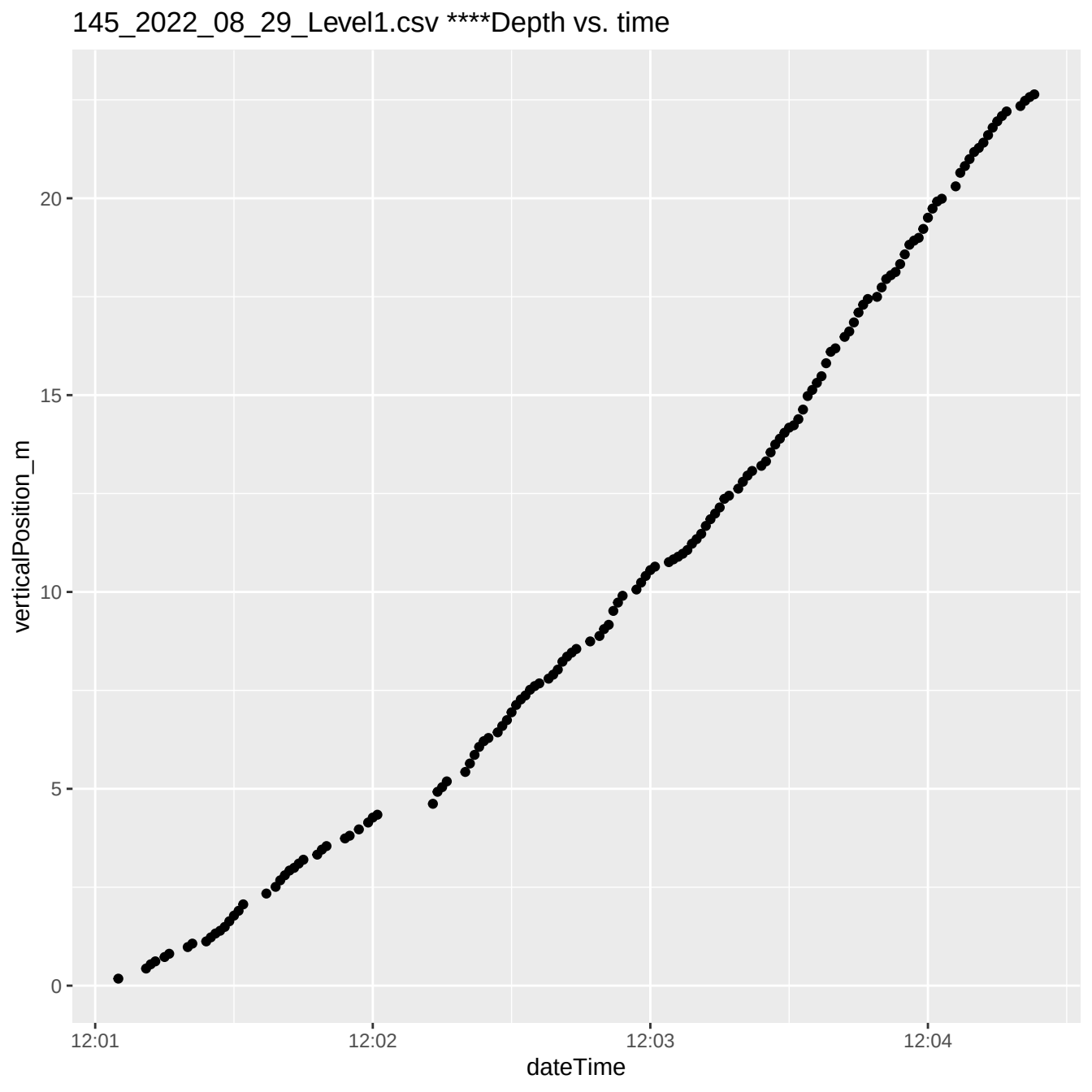

140_2022_08_01_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
30
45
00
15
dateTime

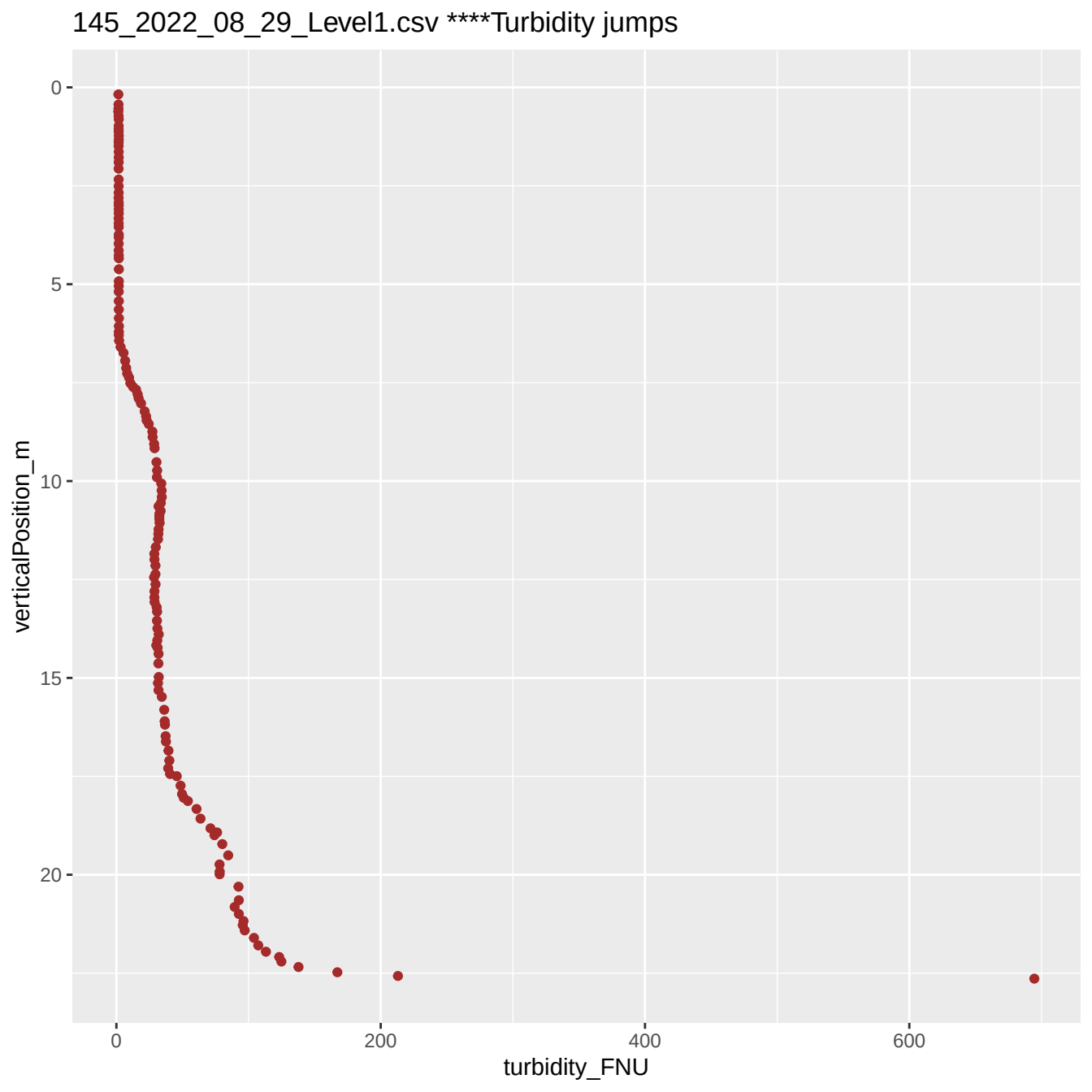

145_2022_07_06_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
12:40
12:42
12:44
dateTime

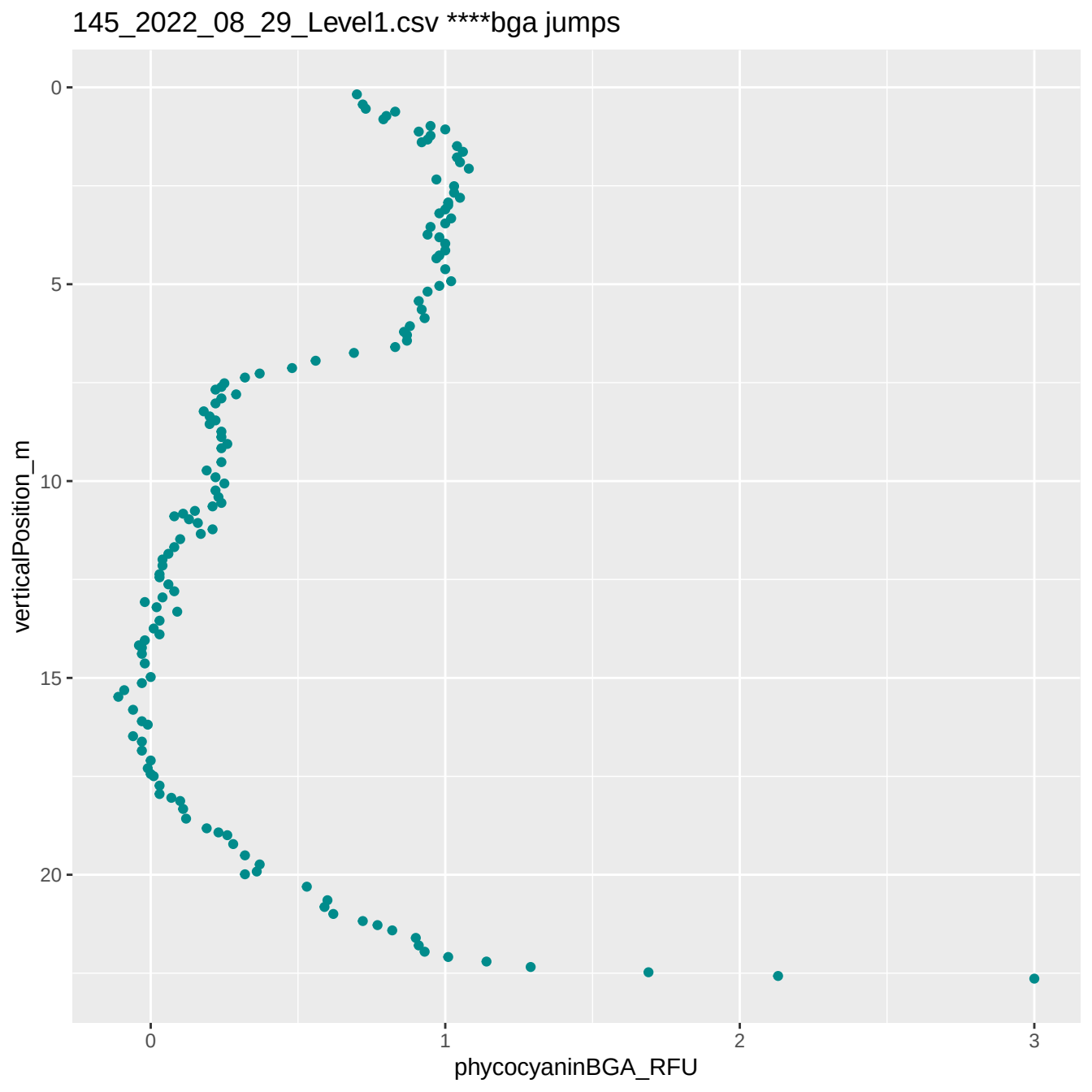

145_2022_07_06_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.2
0.4
0.6
phycocyaninBGA_RFU

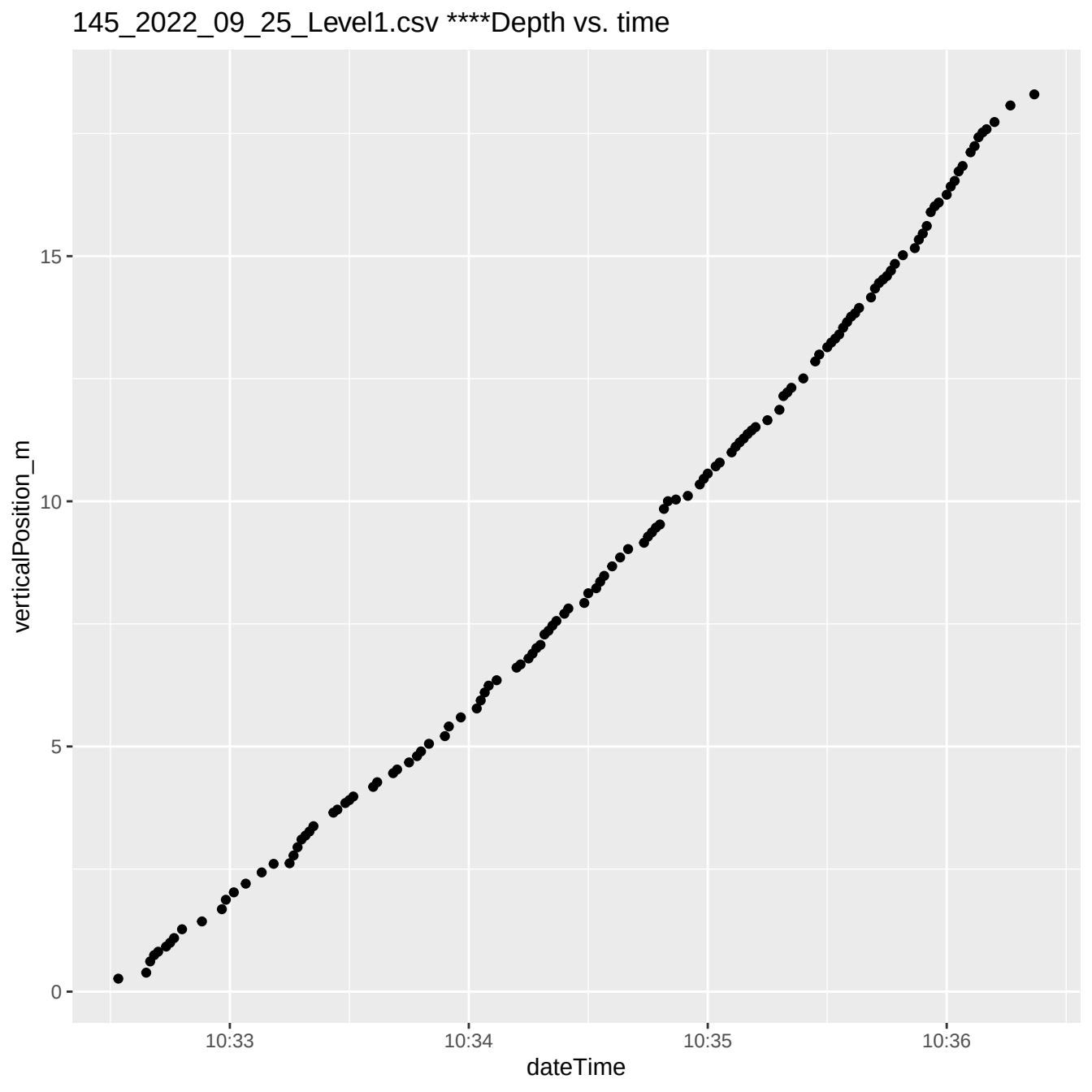

145_2022_08_05_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
10:54
10:56
10:58
11:00
dateTime

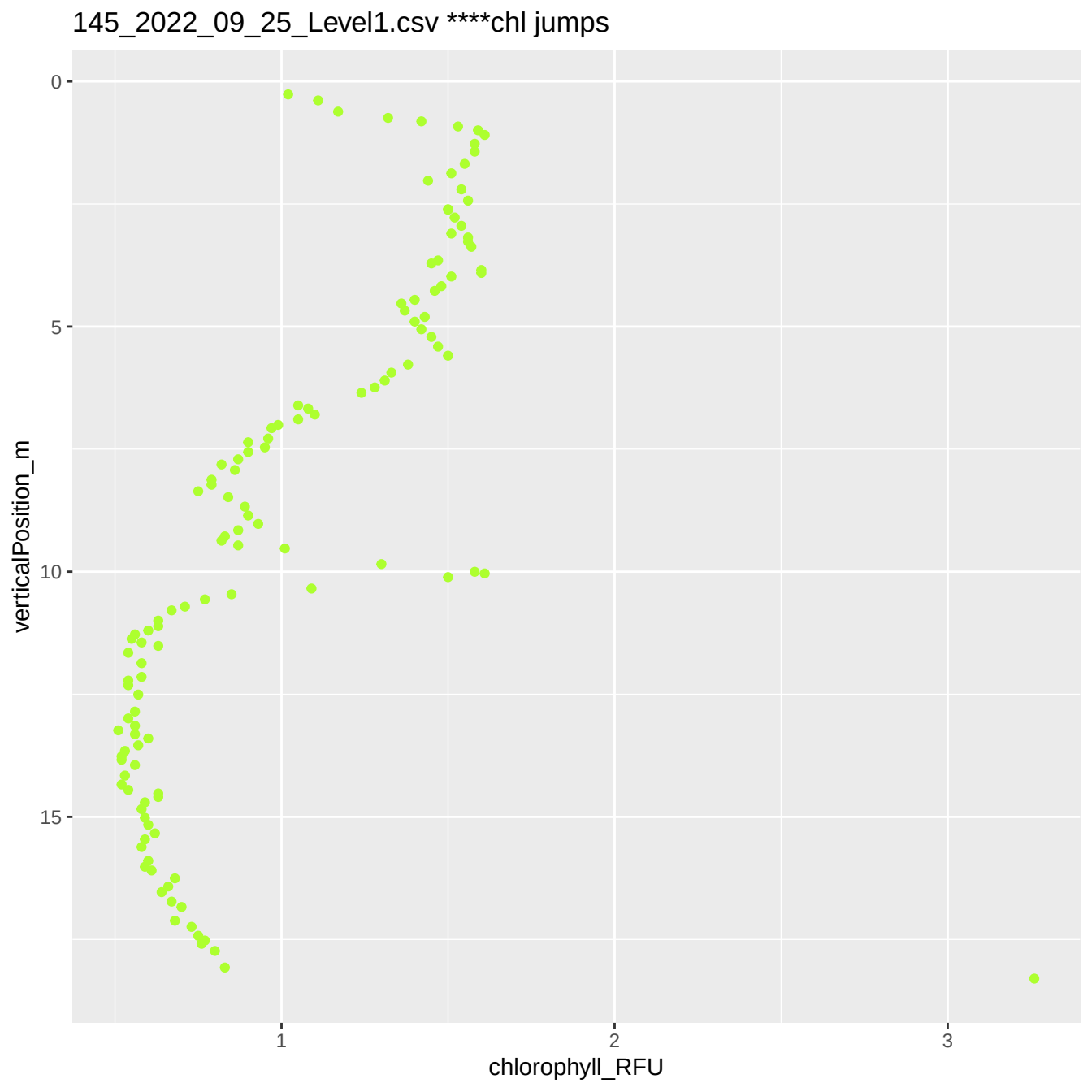

145_2022_08_05_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.4
0.8
1.2
phycocyaninBGA_RFU

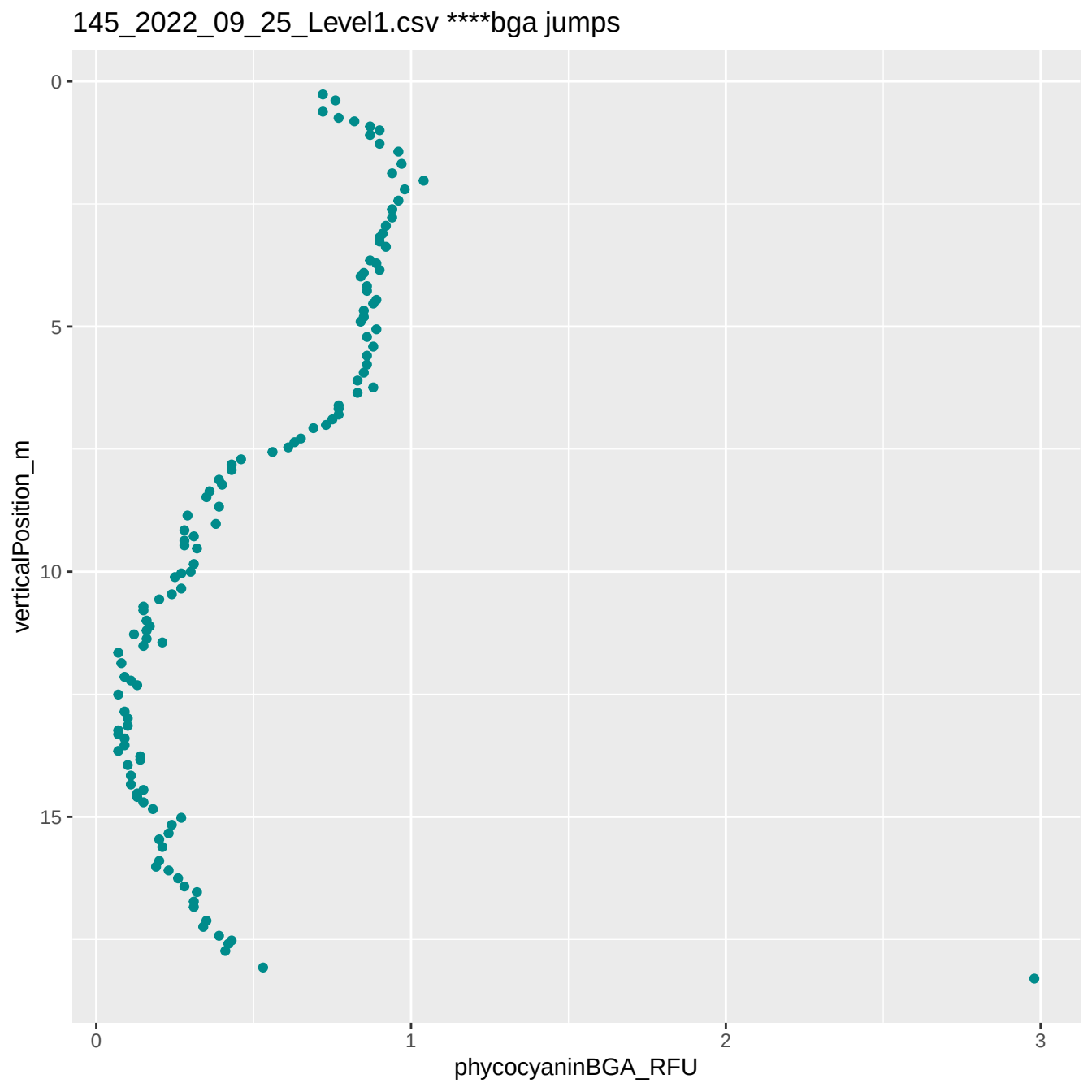

145_2022_08_29_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
12:01
12:02
12:03
12:04
dateTime

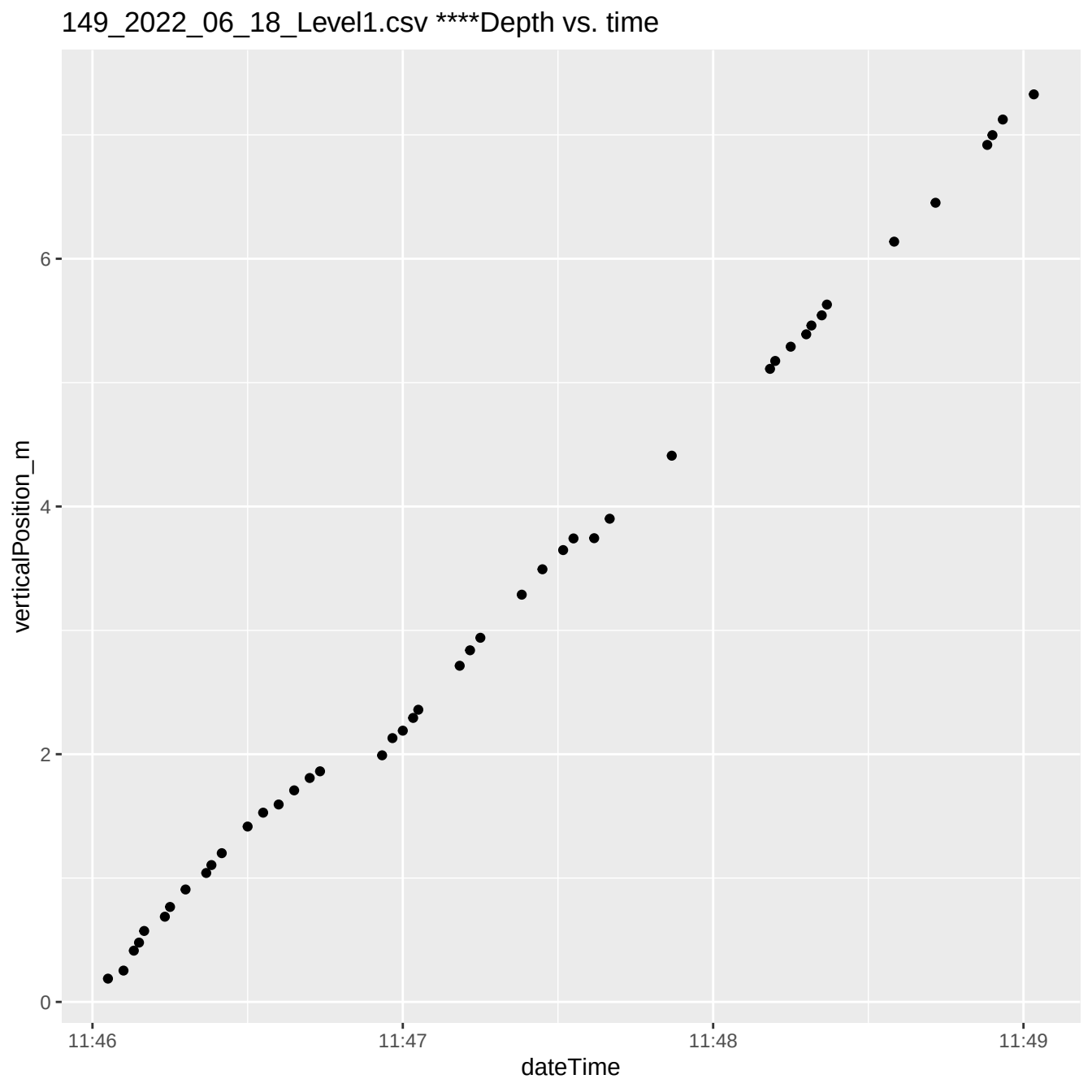

145_2022_08_29_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0
200
400
600
turbidity_FNU

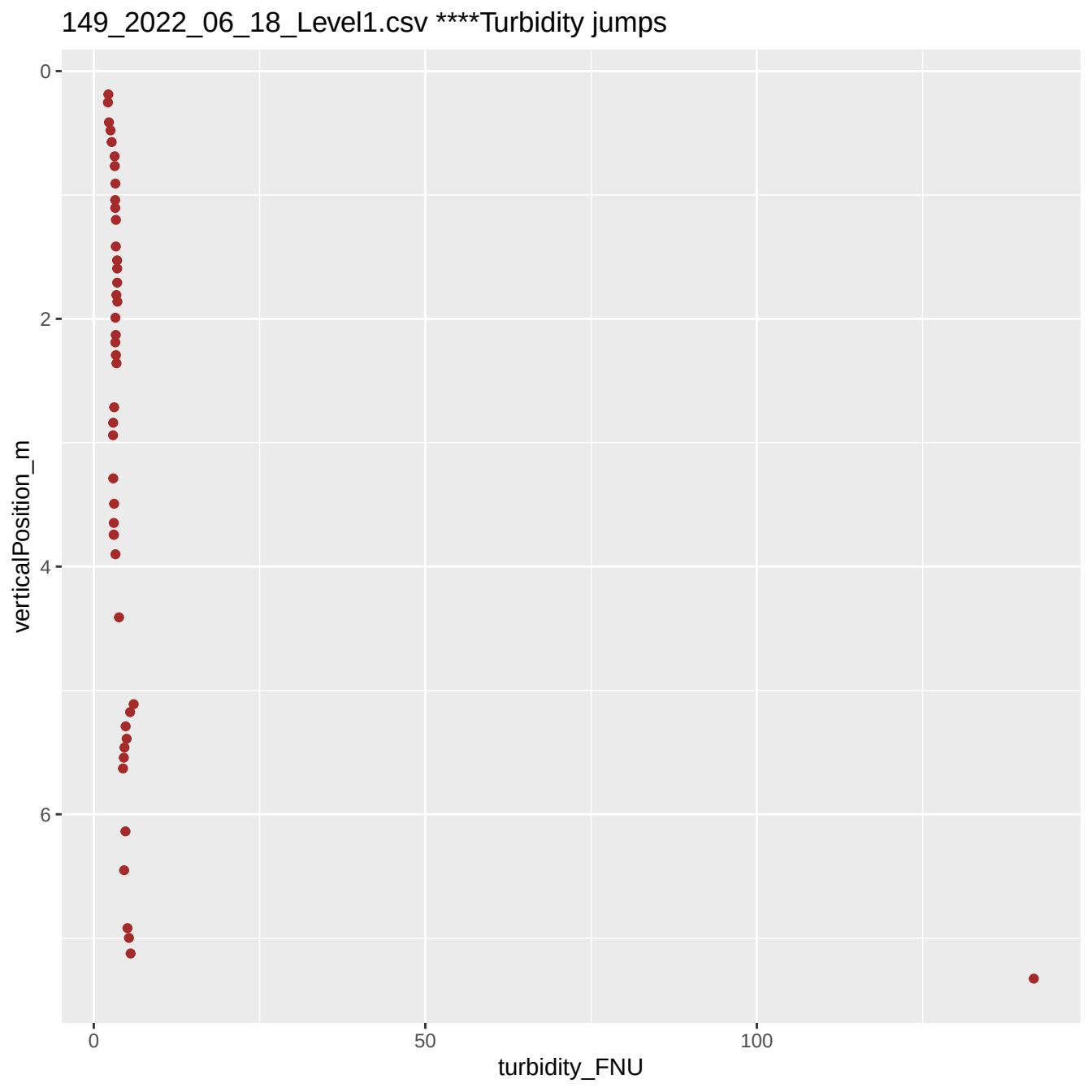

145_2022_08_29_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
phycocyaninBGA_RFU
0
1
2
3

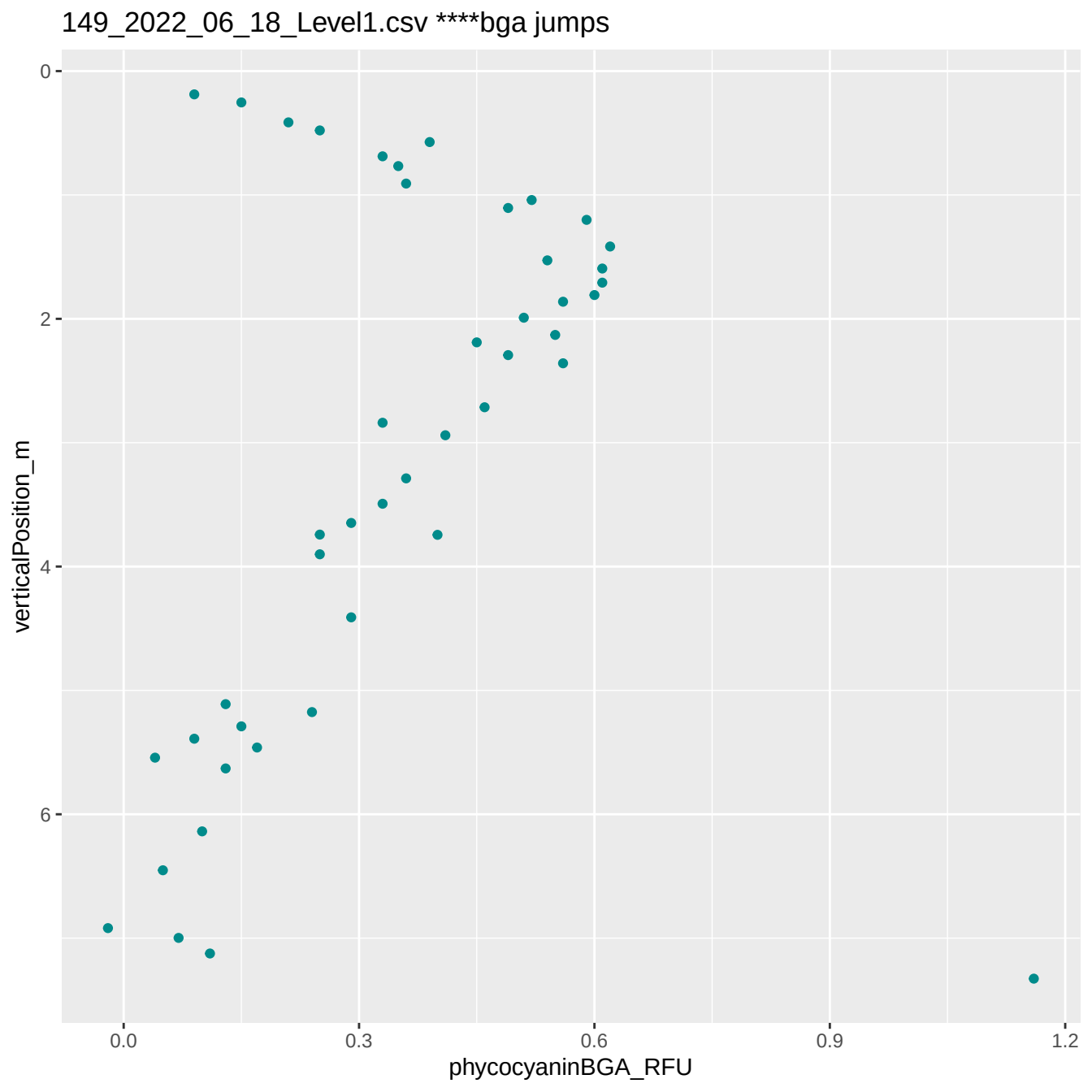

145_2022_09_25_Level1.csv ****Depth vs. time
verticalPosition_m
15
10
5
0
10:33
10:34
10:35
10:36
dateTime

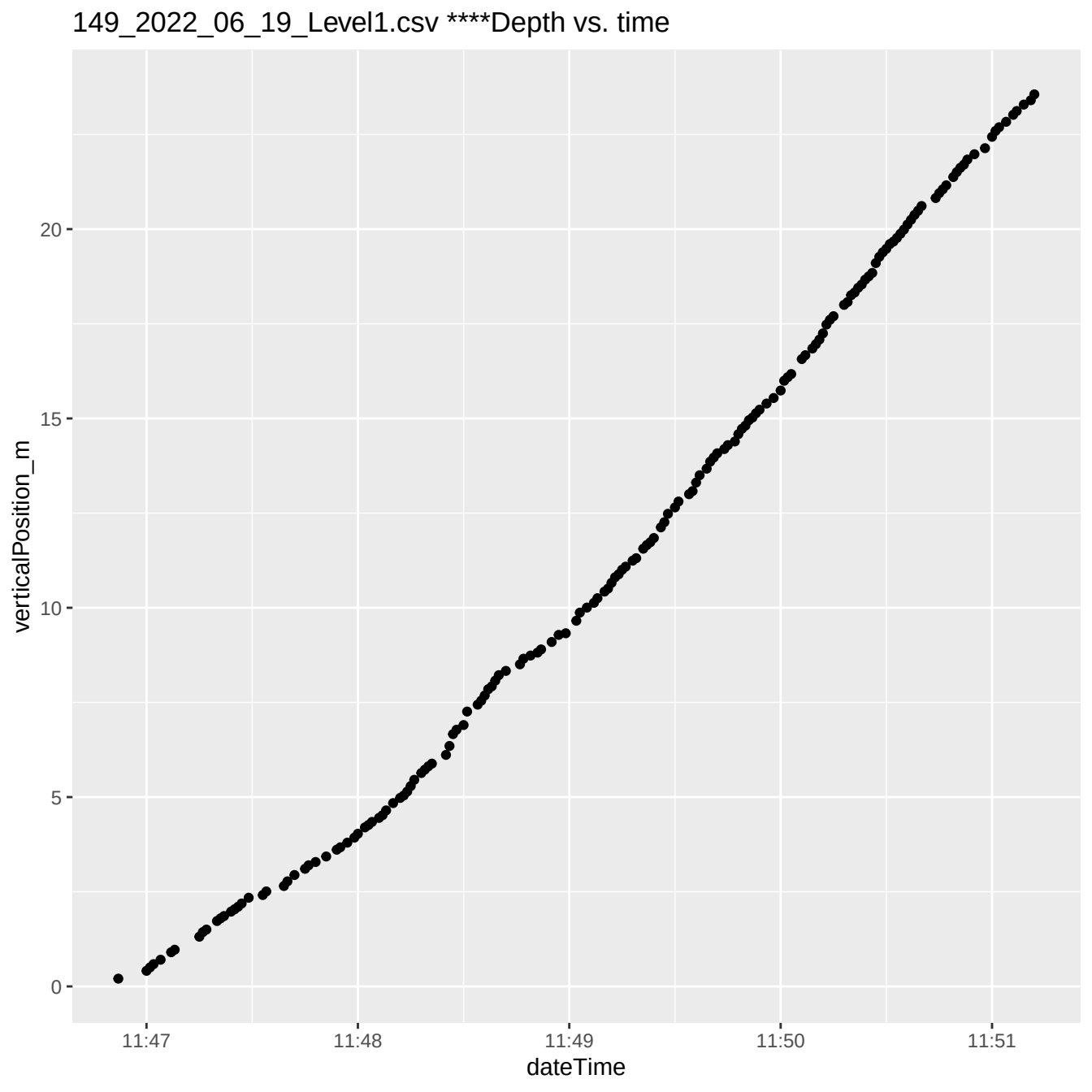

145_2022_09_25_Level1.csv ****chl jumps
verticalPosition_m
0
5
10
15
1
2
3
chlorophyll_RFU

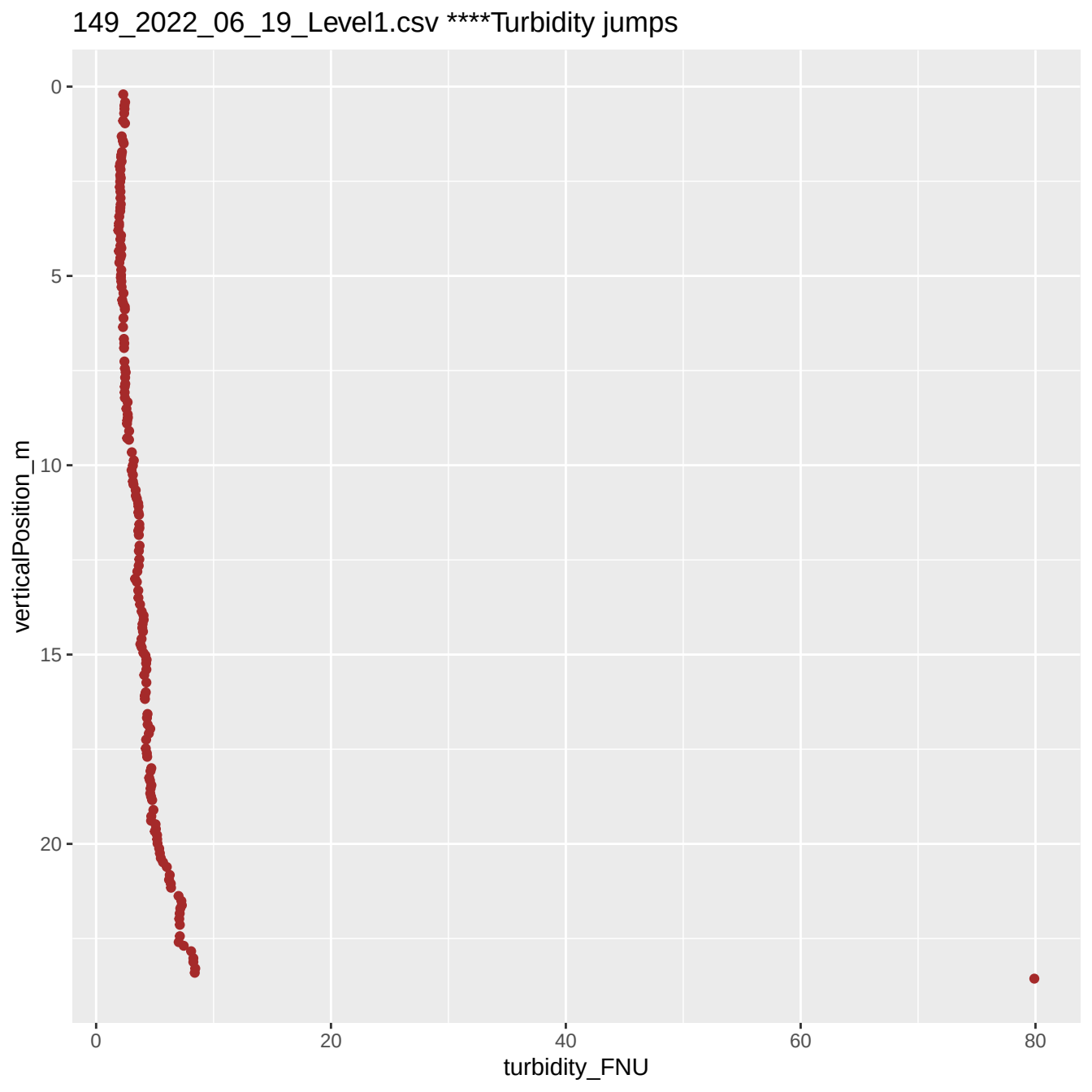

145_2022_09_25_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
0
1
2
3
phycocyaninBGA_RFU

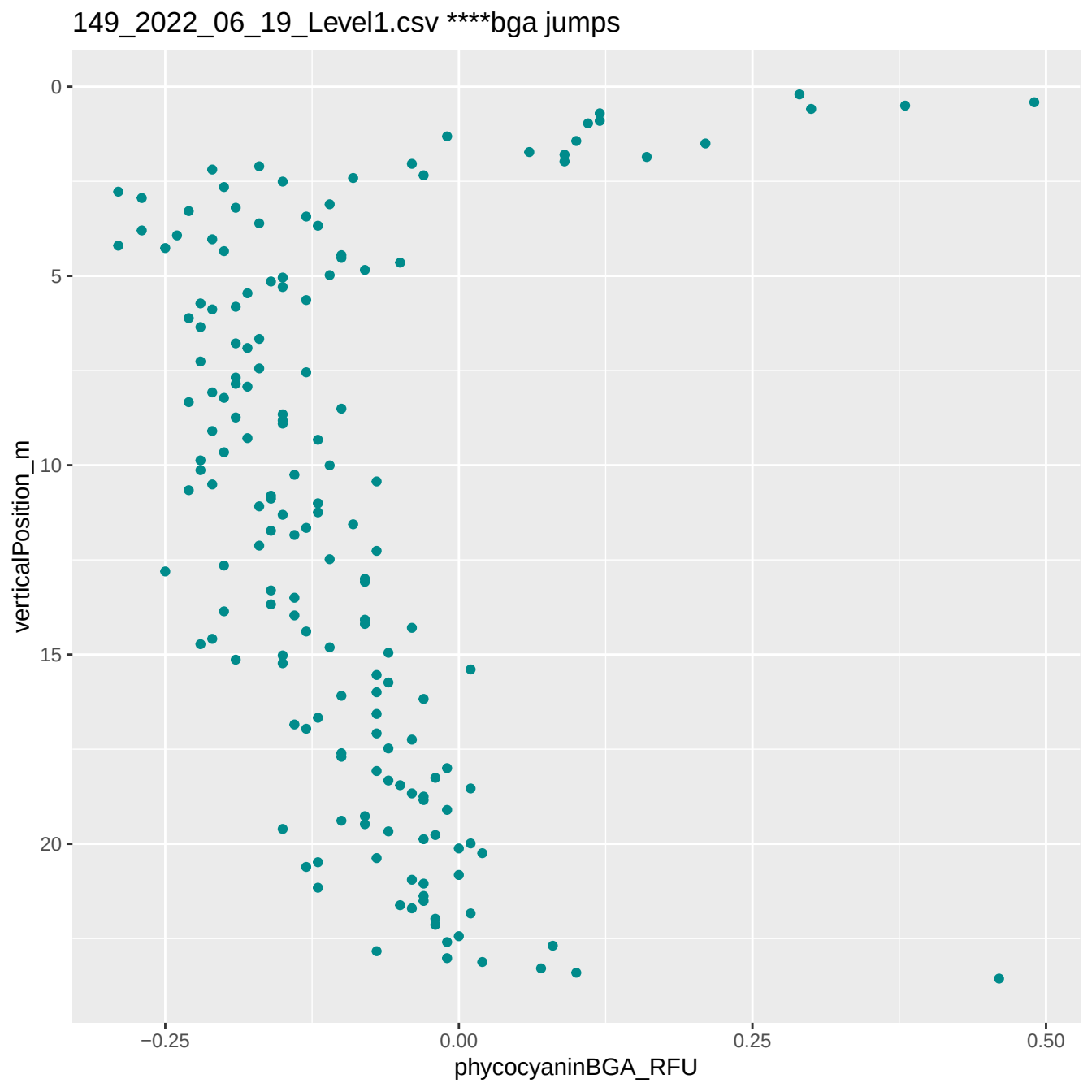

149_2022_06_18_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
11:46
11:47
11:48
11:49
dateTime

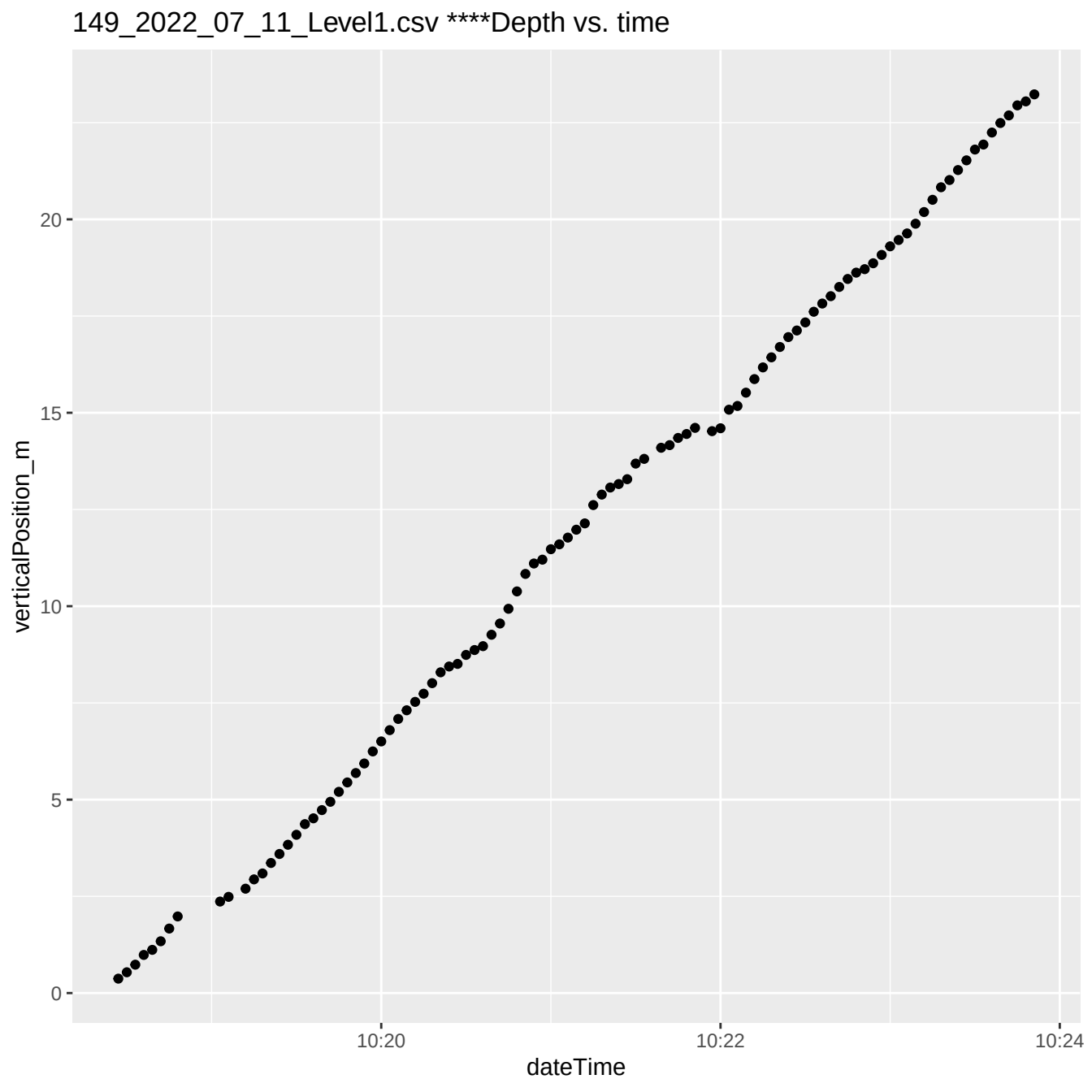

149_2022_06_18_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
0
50
100
turbidity_FNU

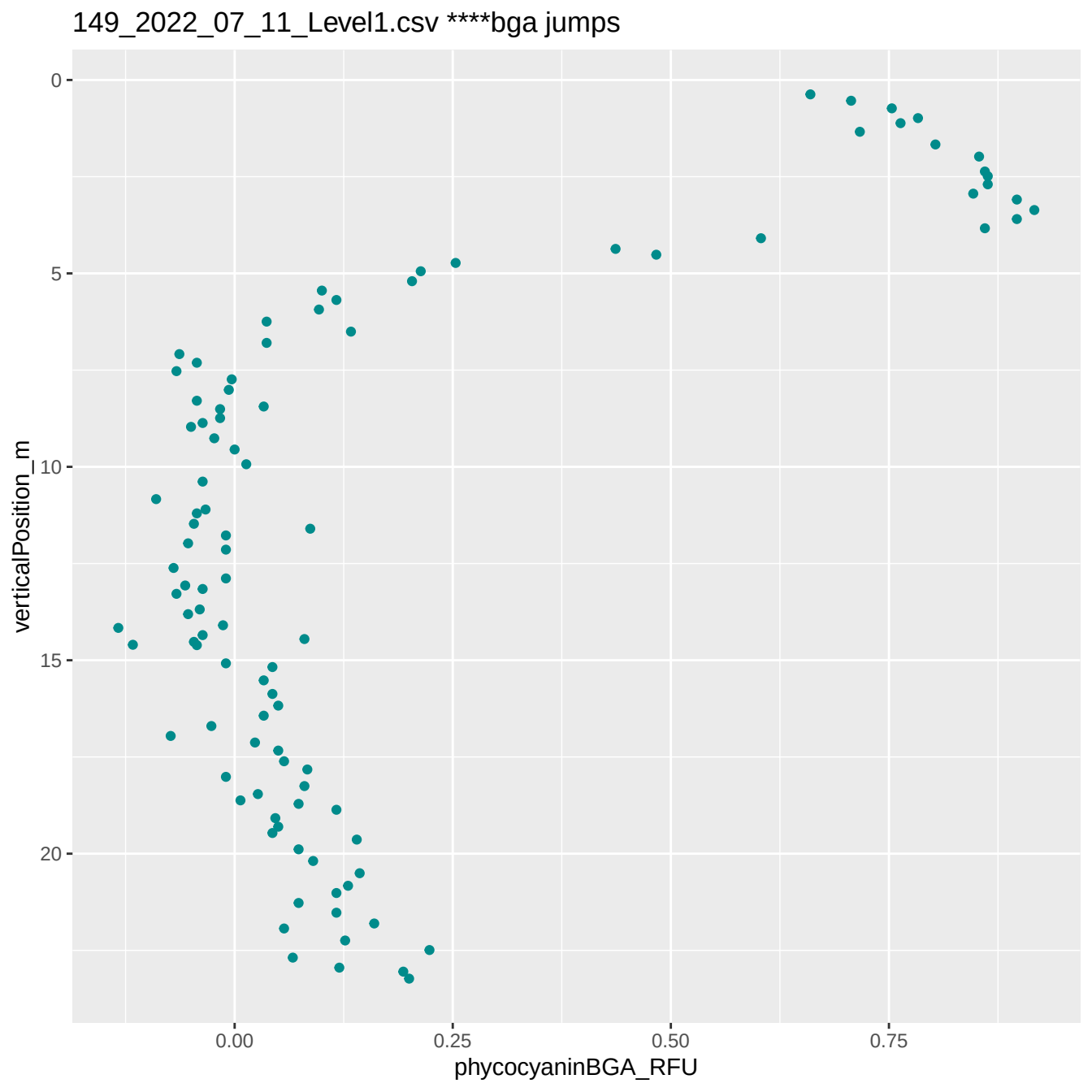

149_2022_06_18_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0.0
0.3
0.6
0.9
1.2
phycocyaninBGA_RFU

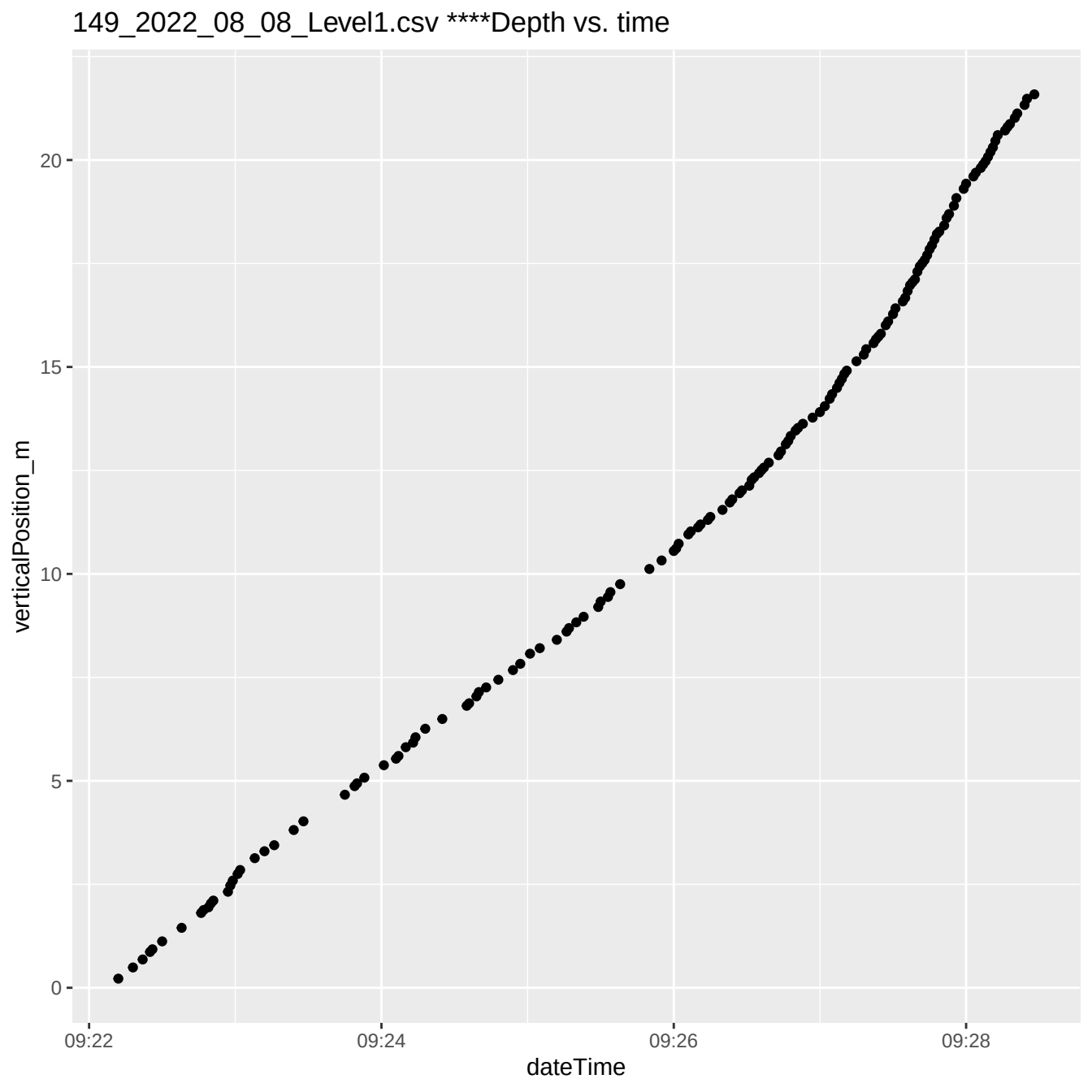

149_2022_06_19_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
11:47
11:48
11:49
11:50
11:51
dateTime

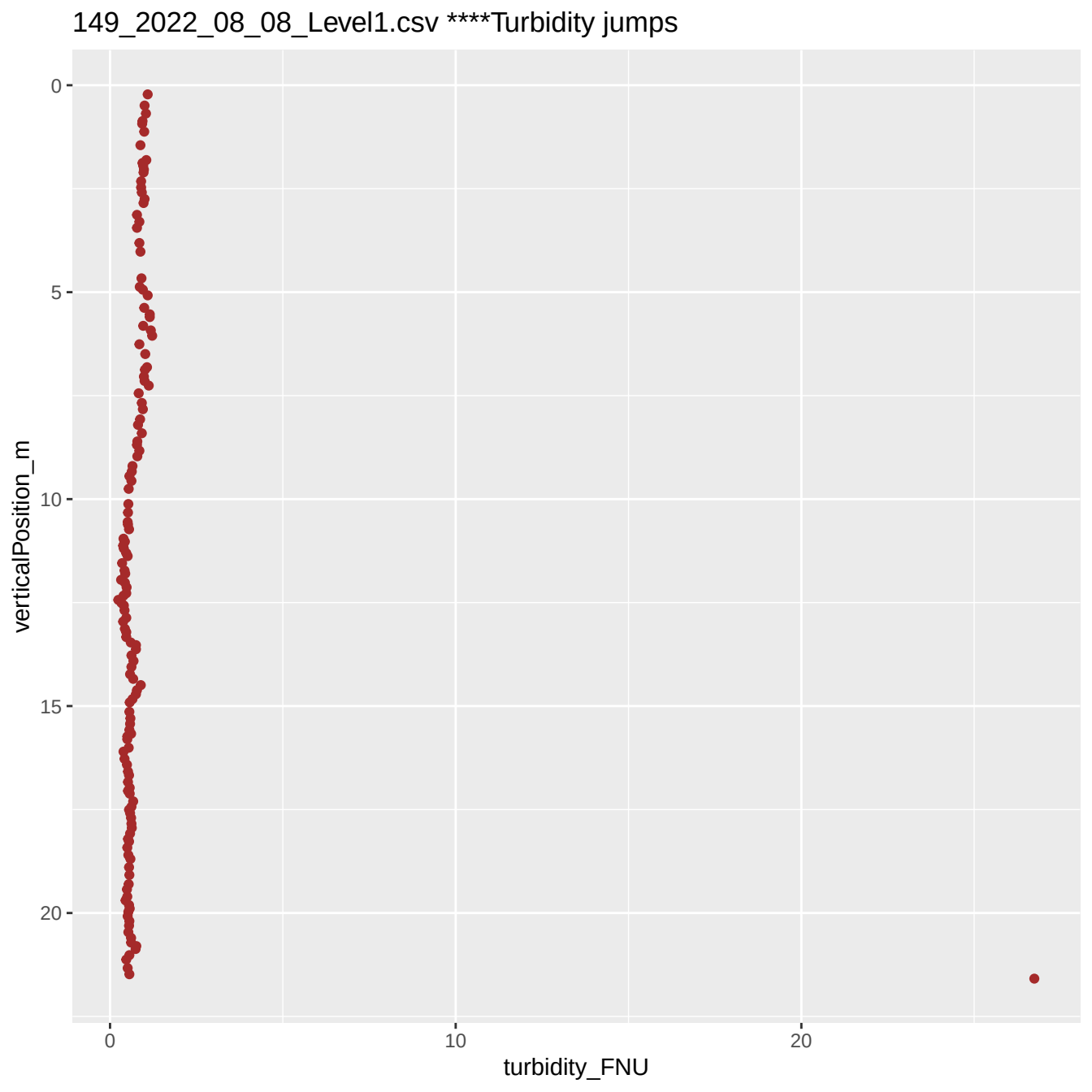

149_2022_06_19_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0
20
40
60
80
turbidity_FNU

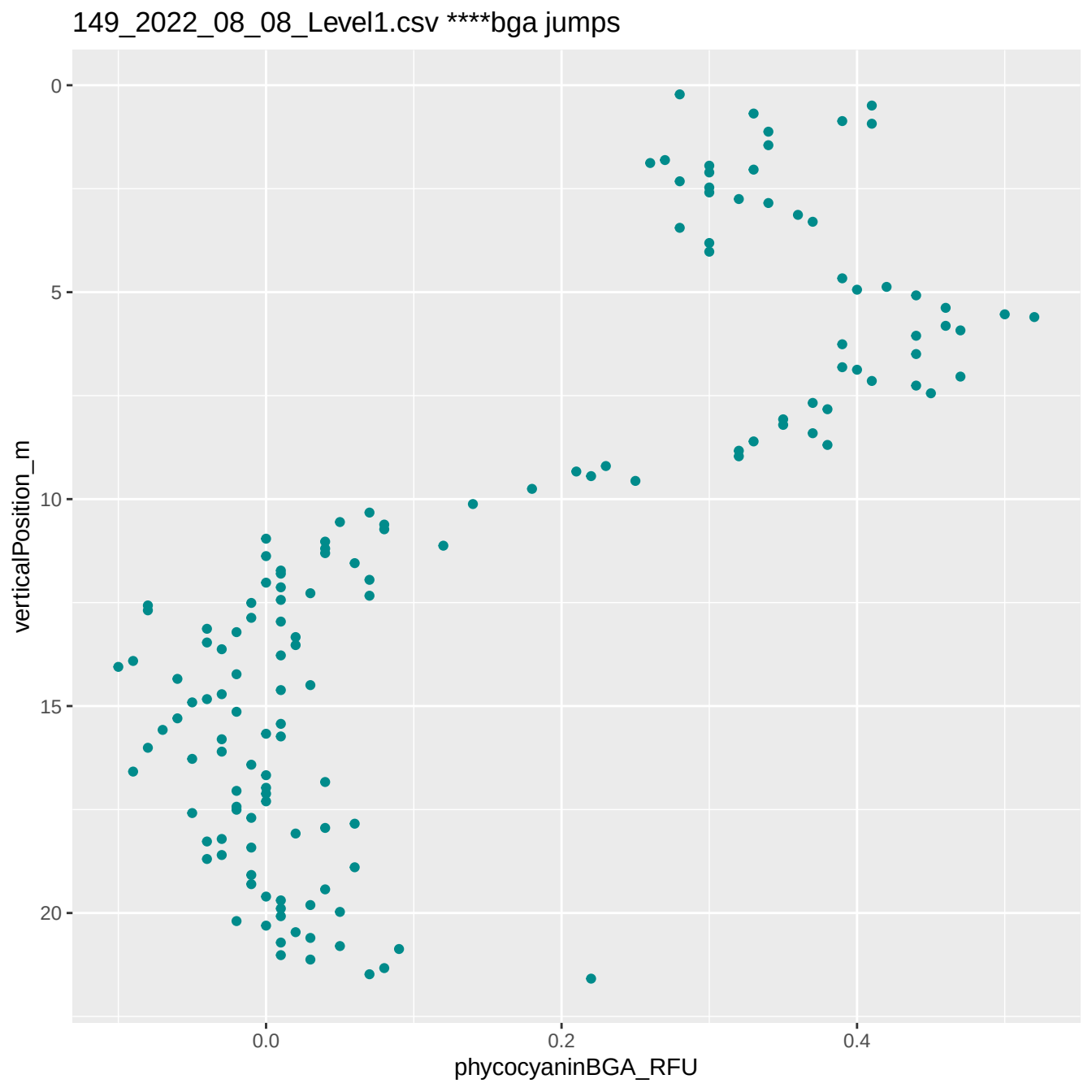

149_2022_06_19_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
−0.25
0.00
0.25
0.50
phycocyaninBGA_RFU

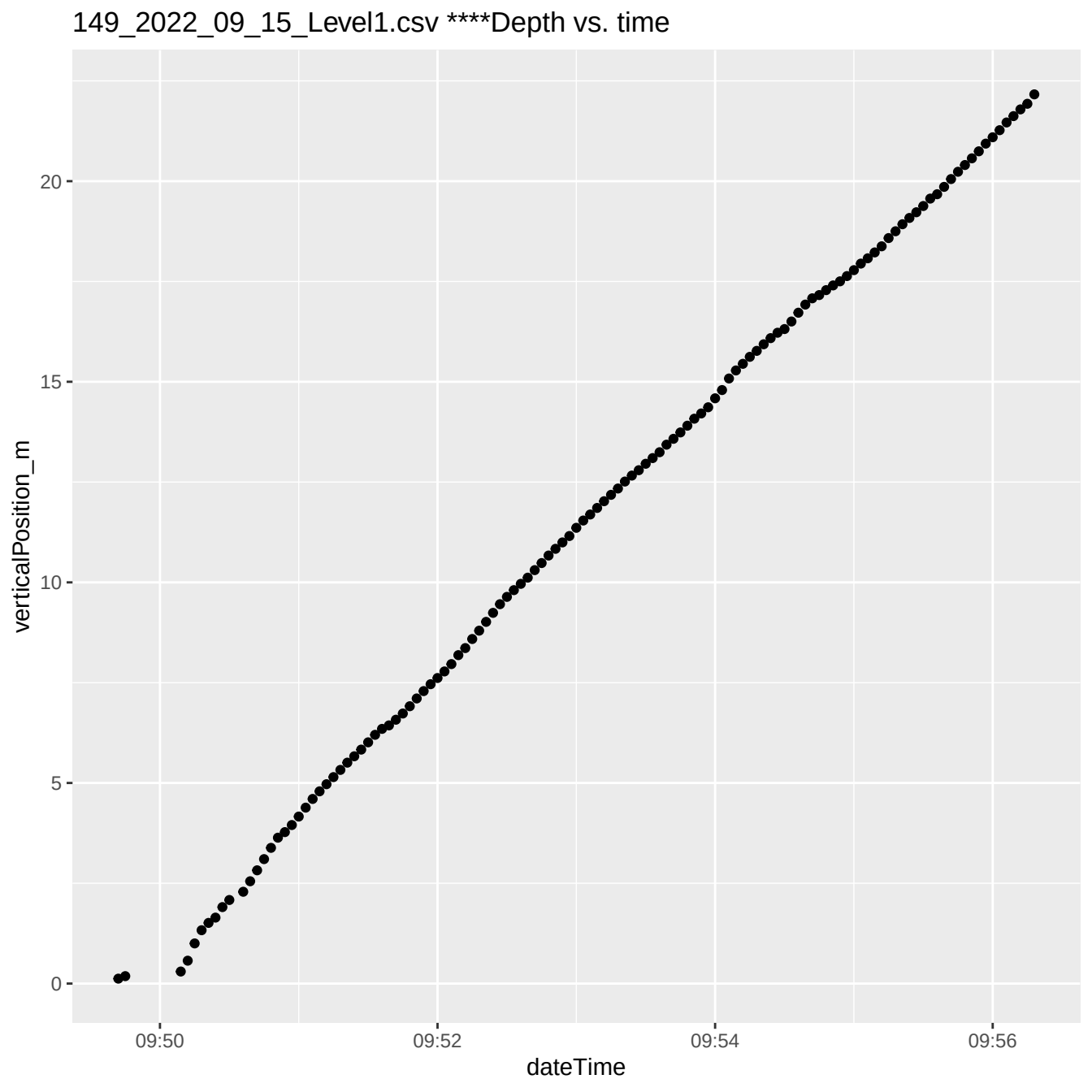

149_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
10:20
10:22
10:24
dateTime

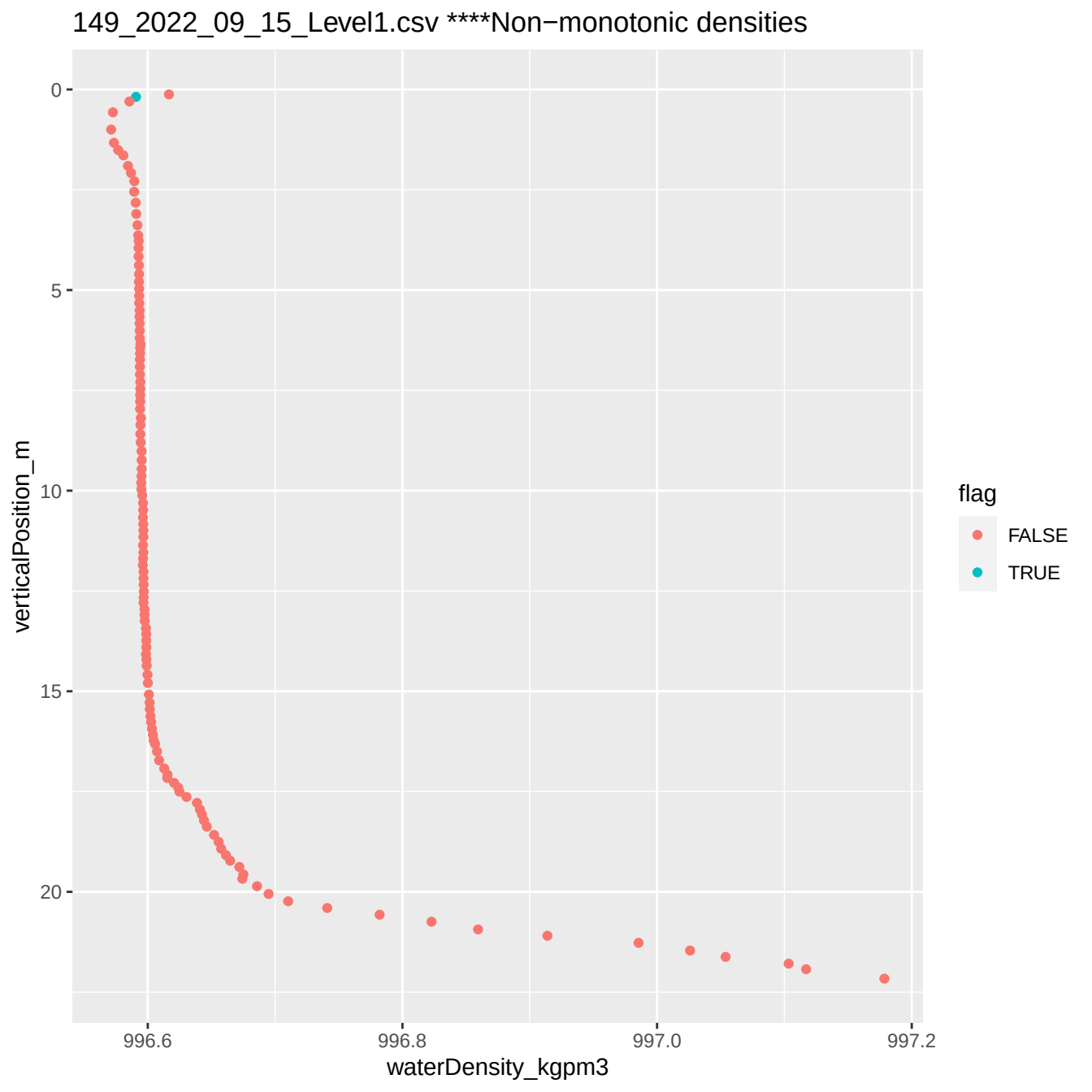

149_2022_07_11_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.00
0.25
0.50
0.75
phycocyaninBGA_RFU

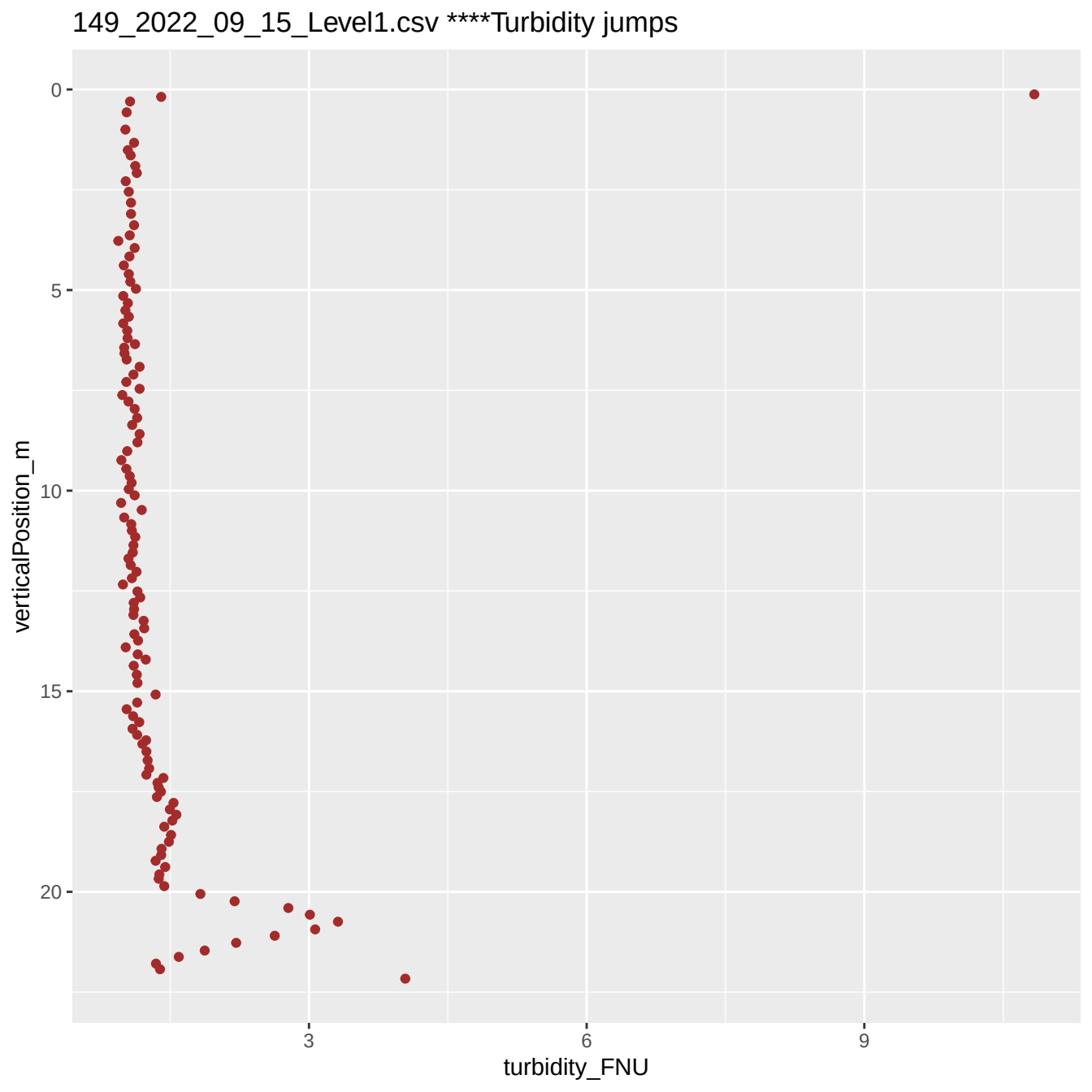

149_2022_08_08_Level1.csv ****Depth vs. time
verticalPosition_m
20
15
10
5
0
09:22
09:24
09:26
09:28
dateTime

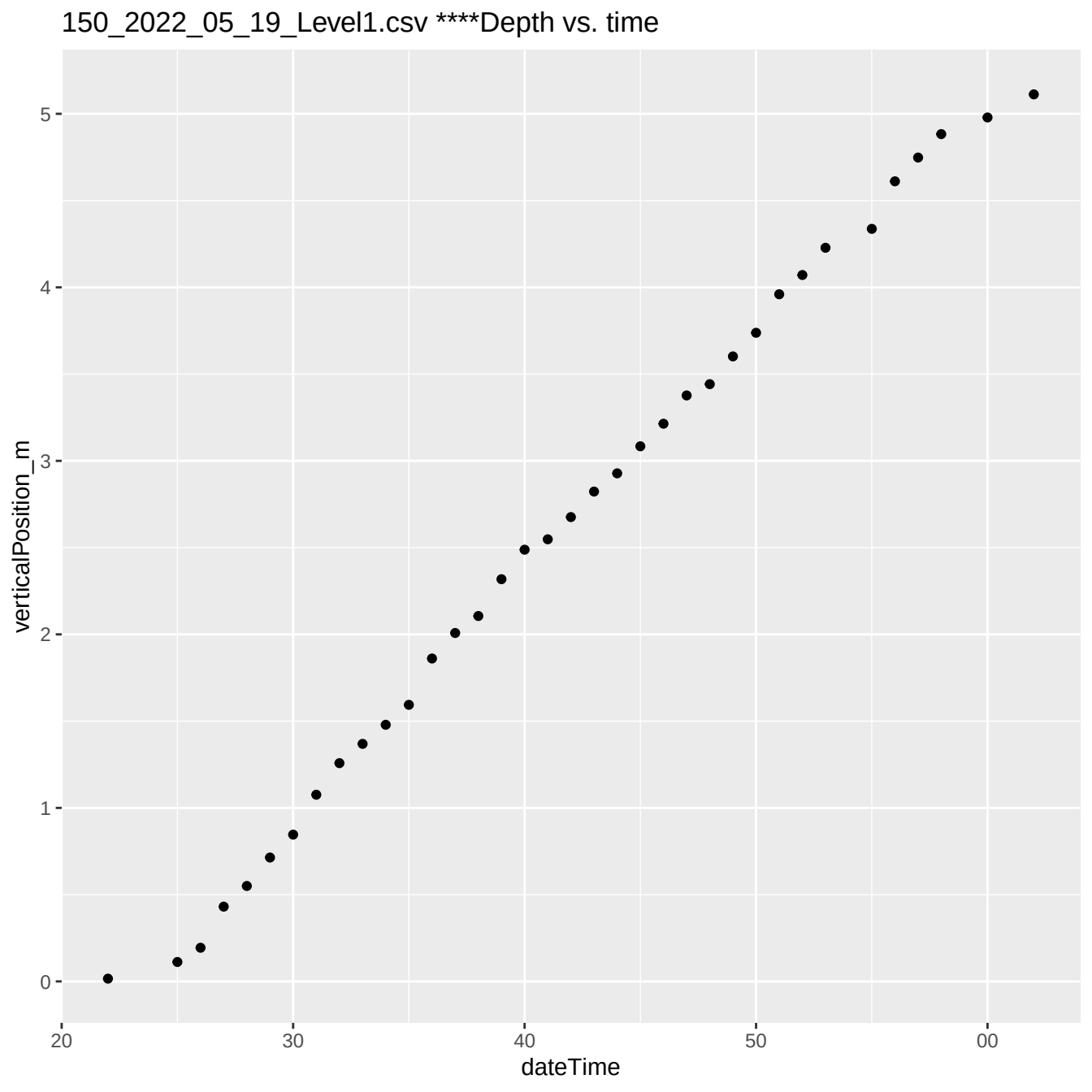

149_2022_08_08_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
0
10
20
turbidity_FNU

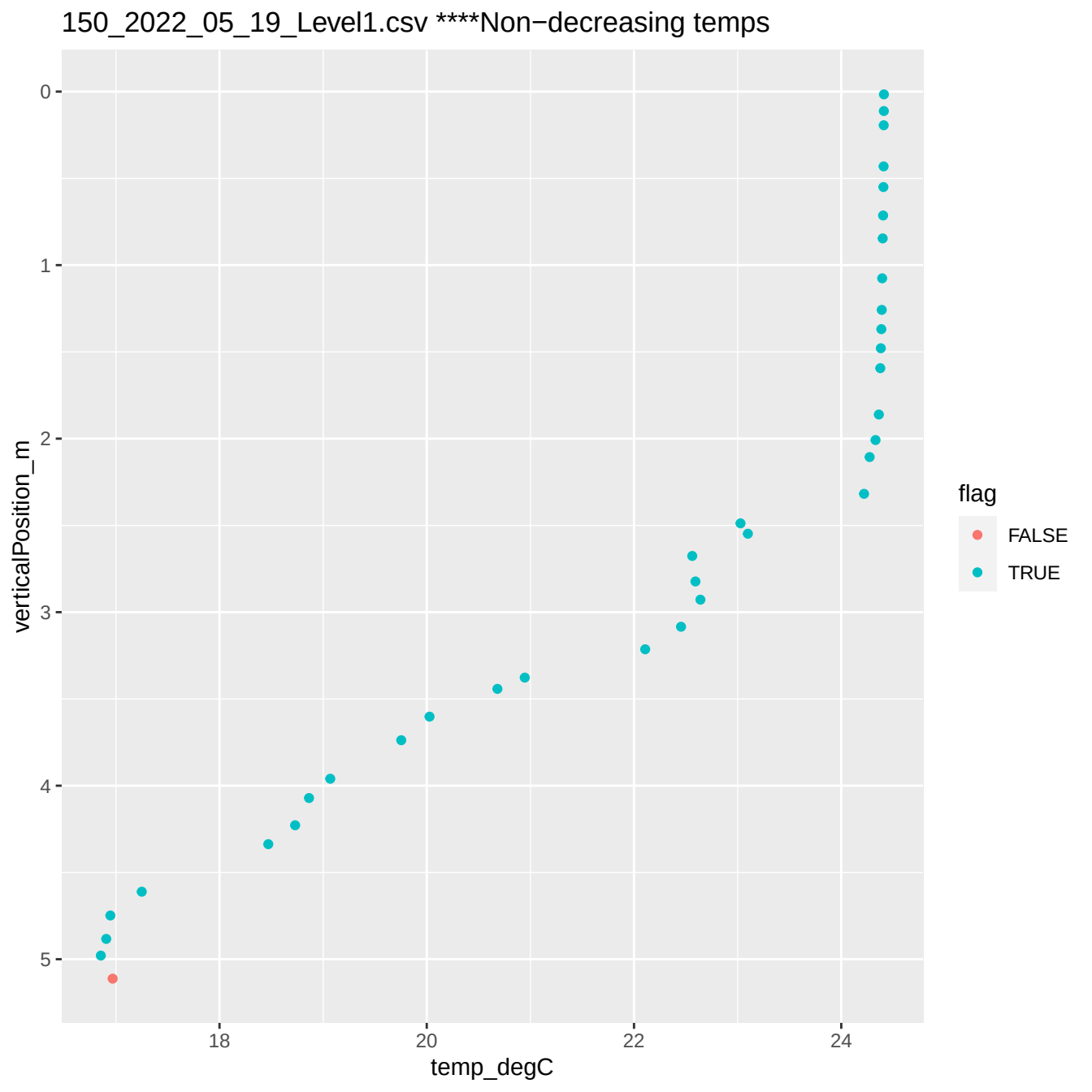

149_2022_08_08_Level1.csv ****bga jumps
verticalPosition_m
0
5
10
15
20
0.0
0.2
0.4
phycocyaninBGA_RFU

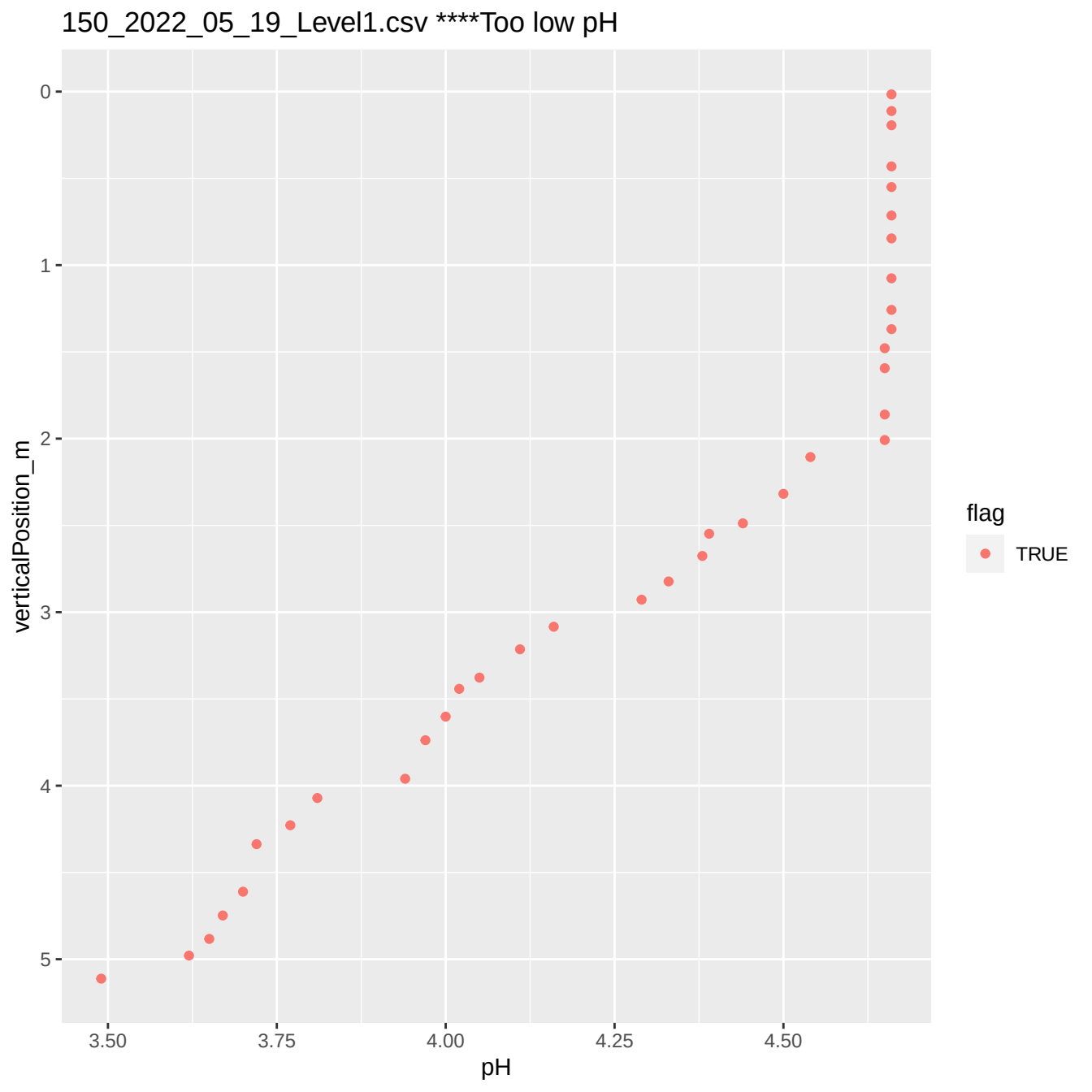

149_2022_09_15_Level1.csv ****Depth vs. time
verticalPosition_m
0
5
10
15
20
09:50
09:52
09:54
09:56
dateTime

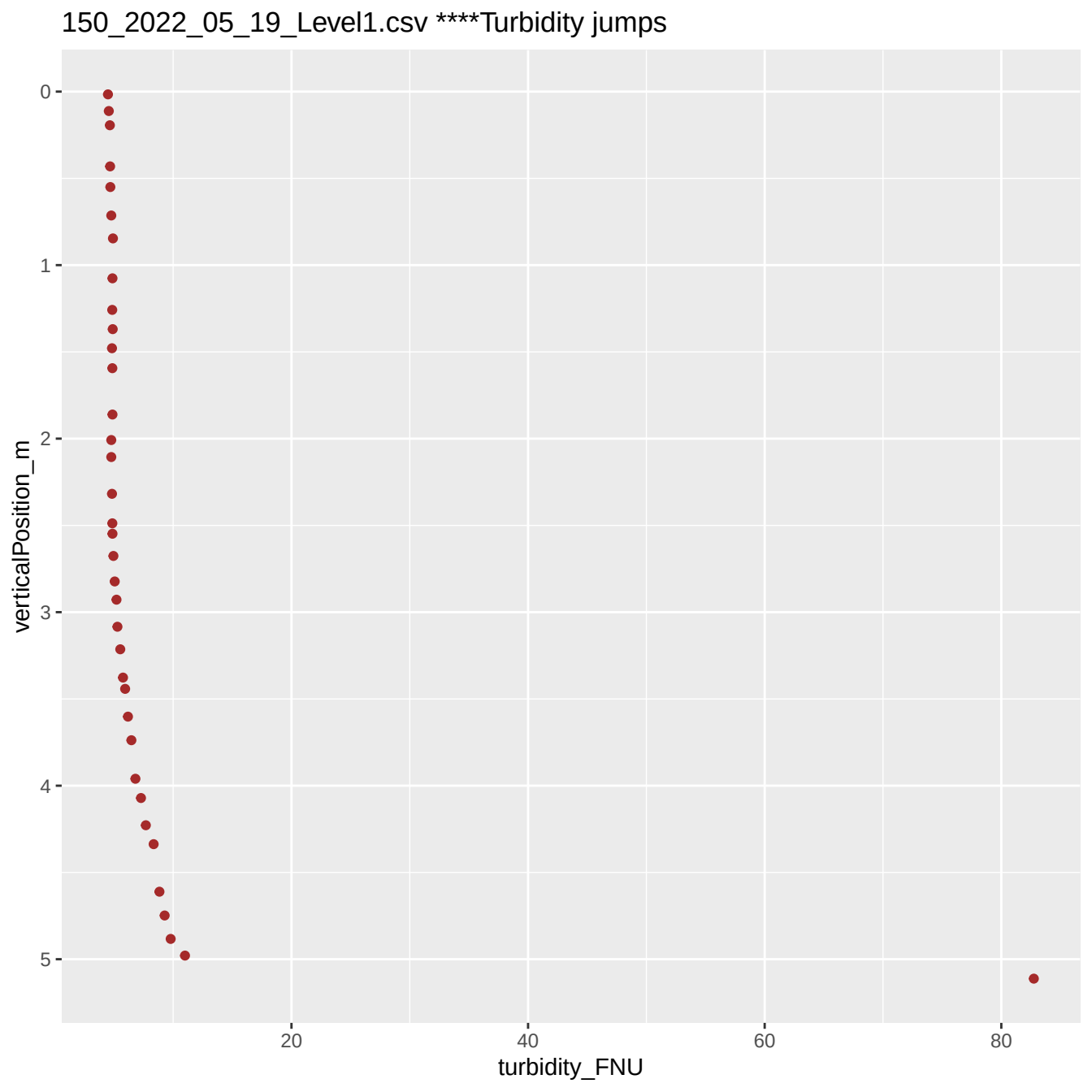

149_2022_09_15_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
5
10
15
20
waterDensity_kgpm3
996.6
996.8
997.0
997.2
flag
FALSE
TRUE

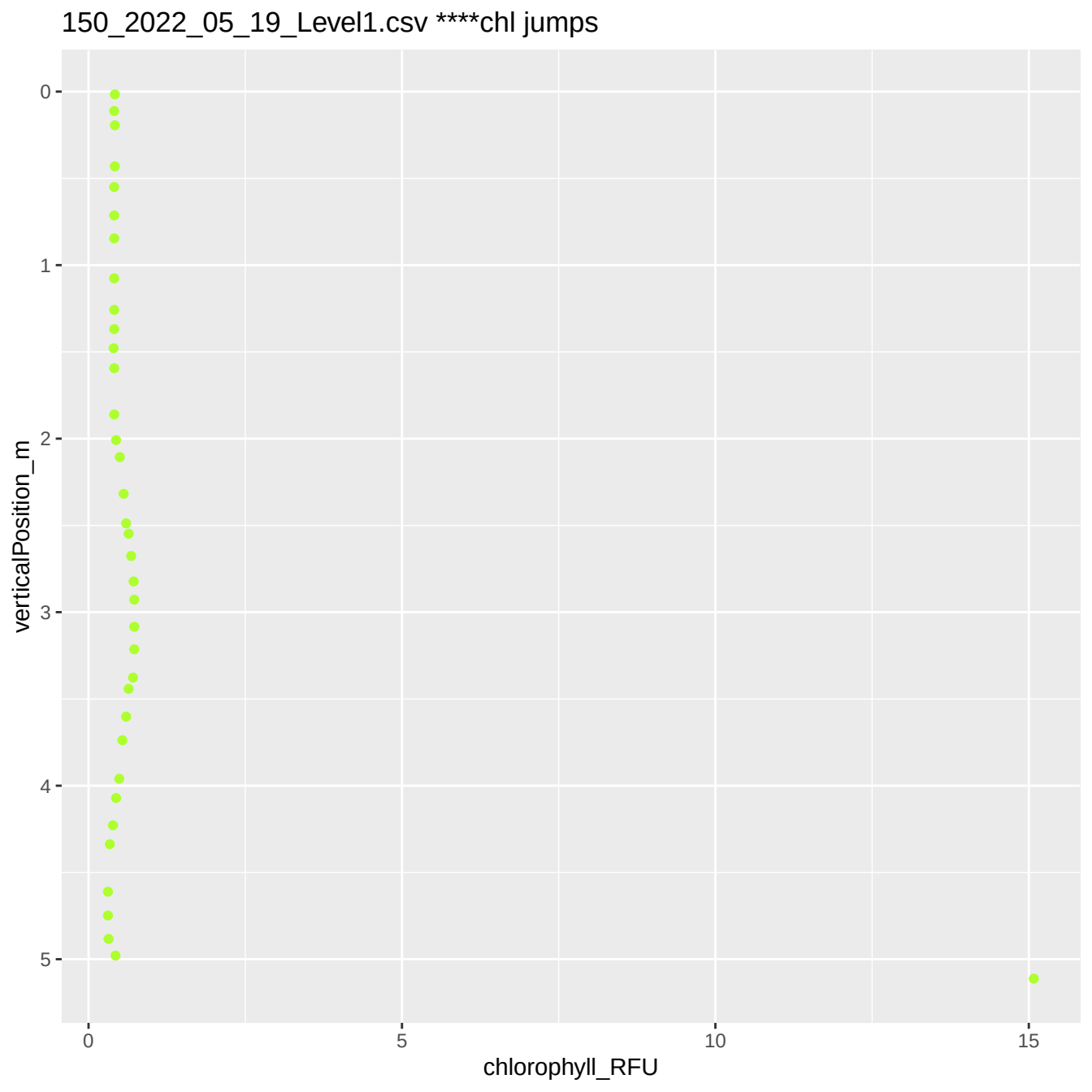

149_2022_09_15_Level1.csv ****Turbidity jumps
verticalPosition_m
0
5
10
15
20
3
6
9
turbidity_FNU

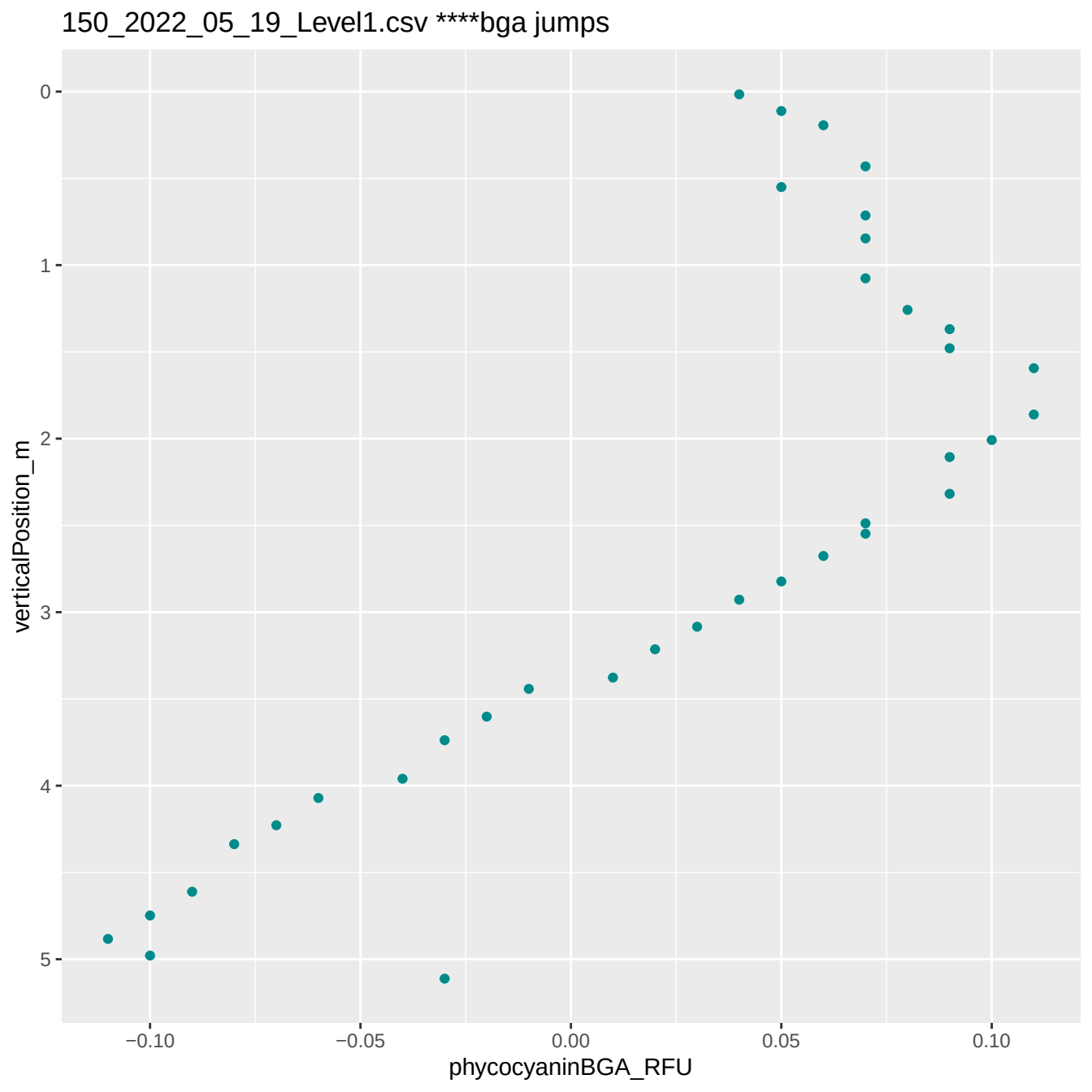

150_2022_05_19_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
20
30
40
50
00
dateTime

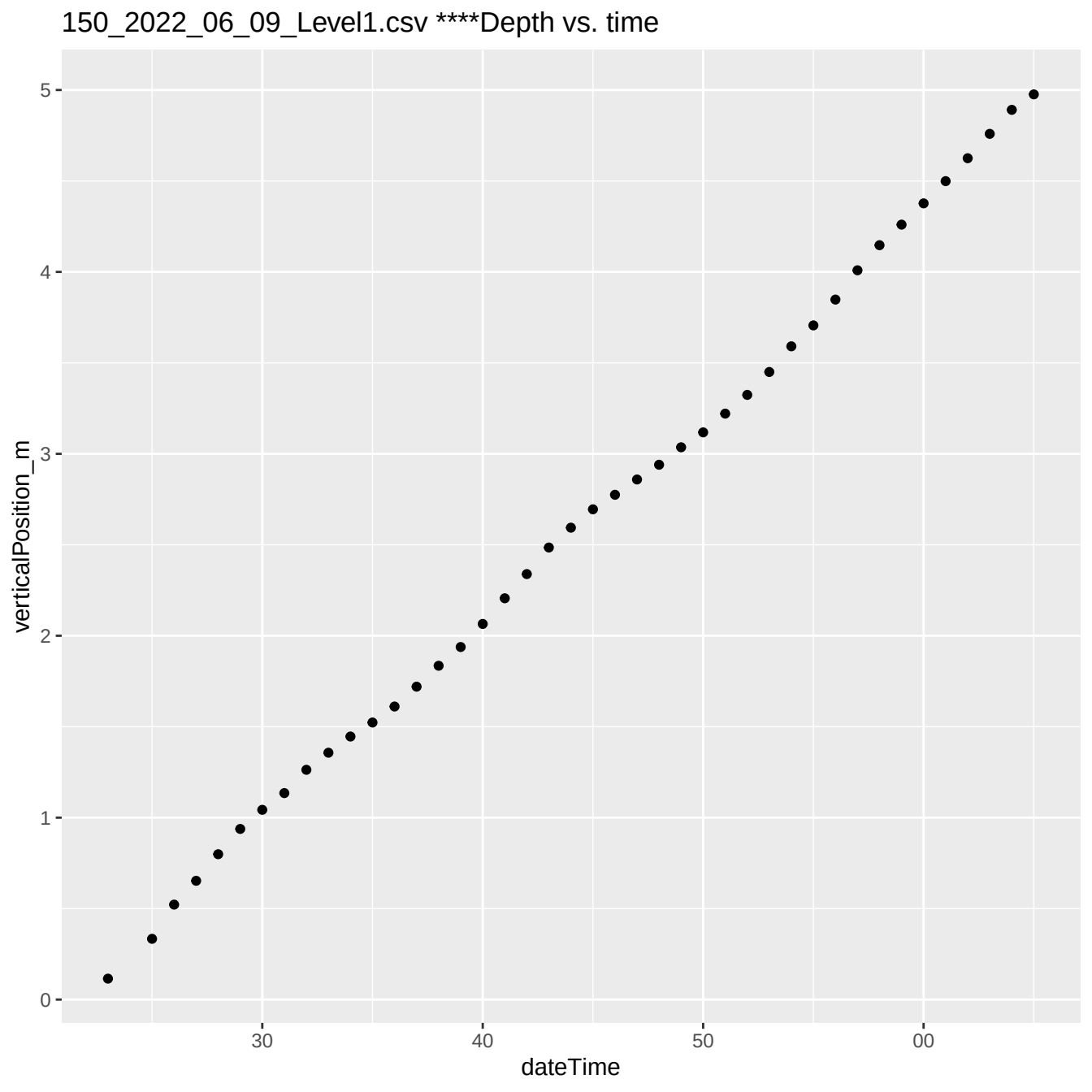

150_2022_05_19_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
5
18
20
22
24
temp_degC
flag
FALSE
TRUE

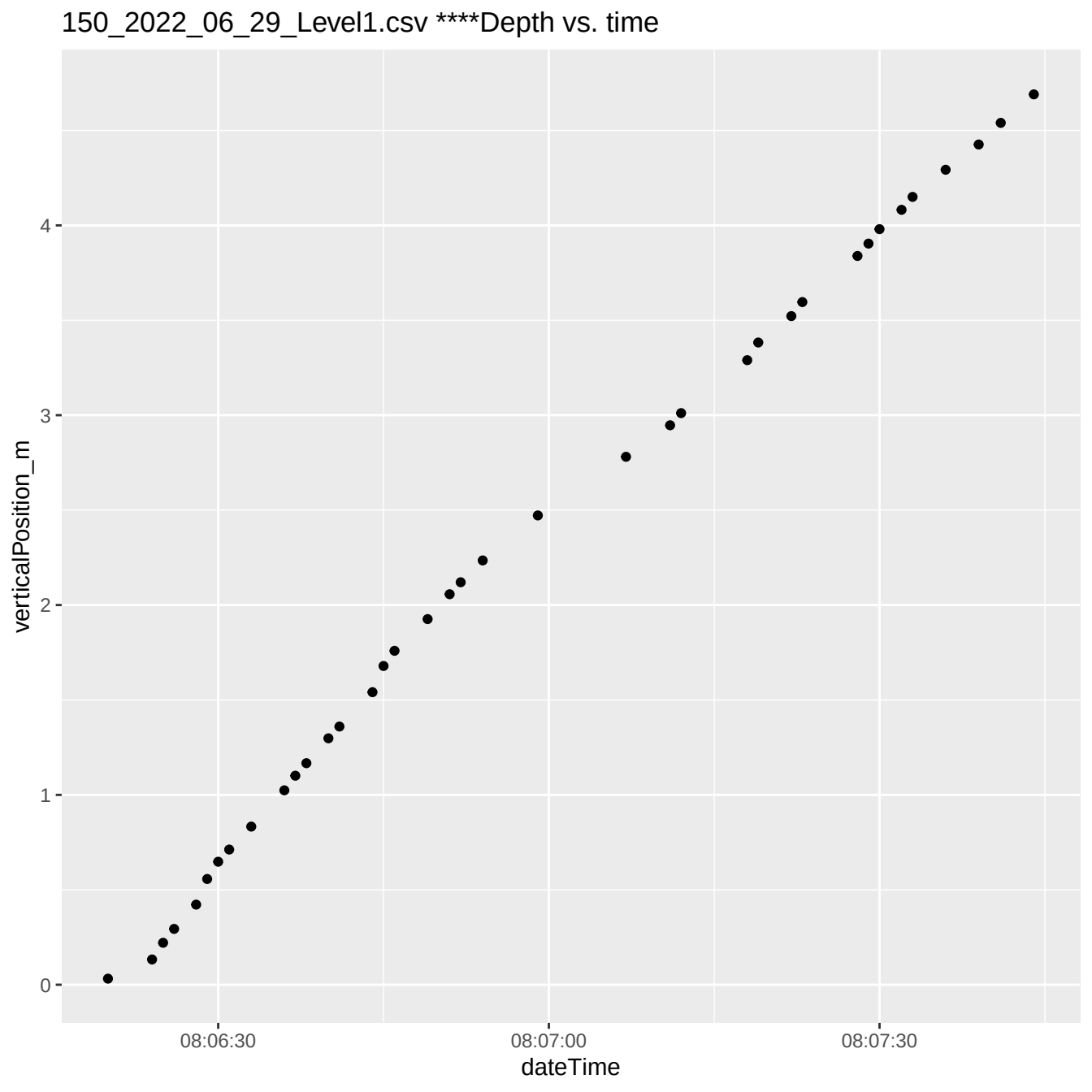

150_2022_05_19_Level1.csv ****Too low pH
verticalPosition_m
0
1
2
3
4
5
3.50
3.75
4.00
4.25
4.50
pH
flag
TRUE

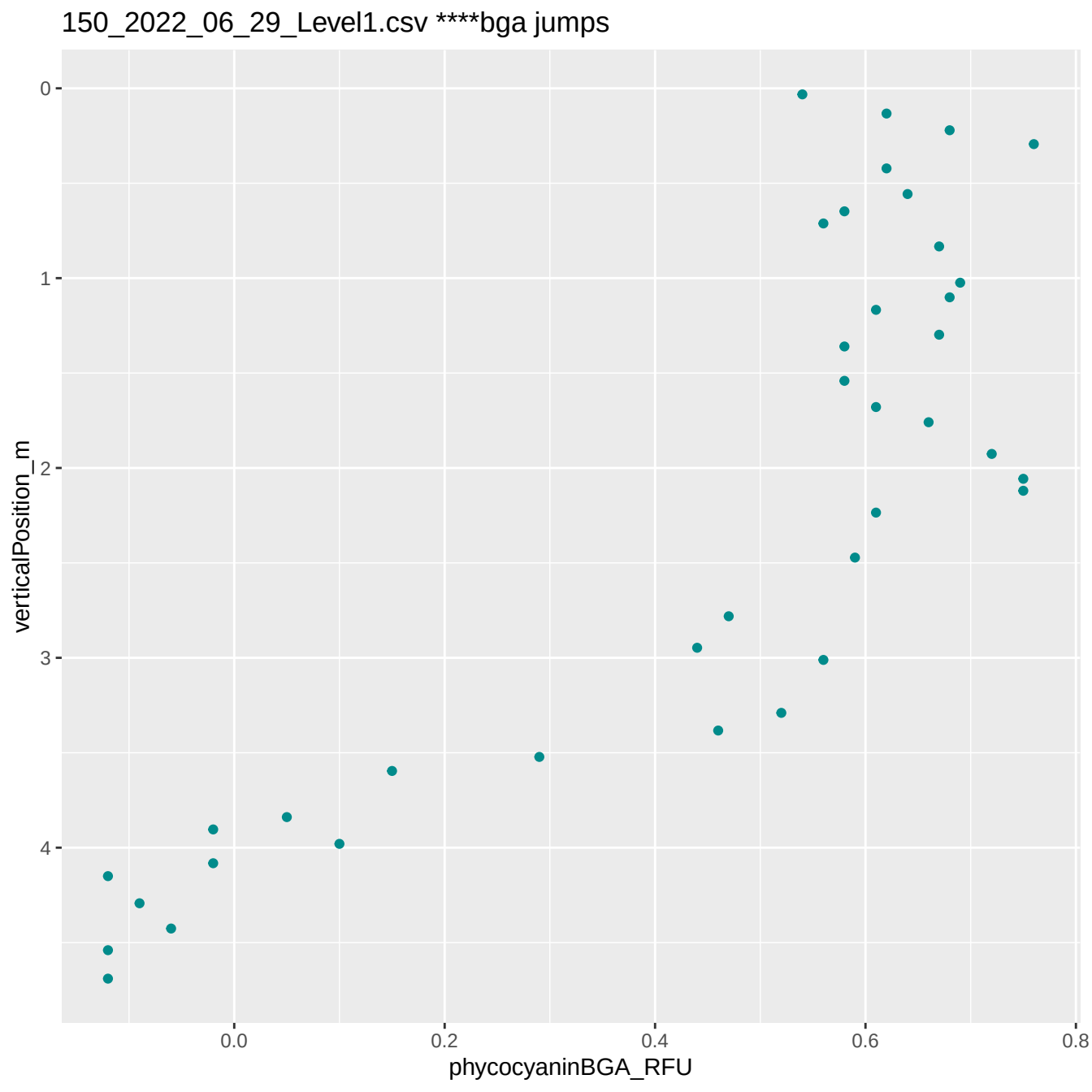

150_2022_05_19_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
20
40
60
80
turbidity_FNU

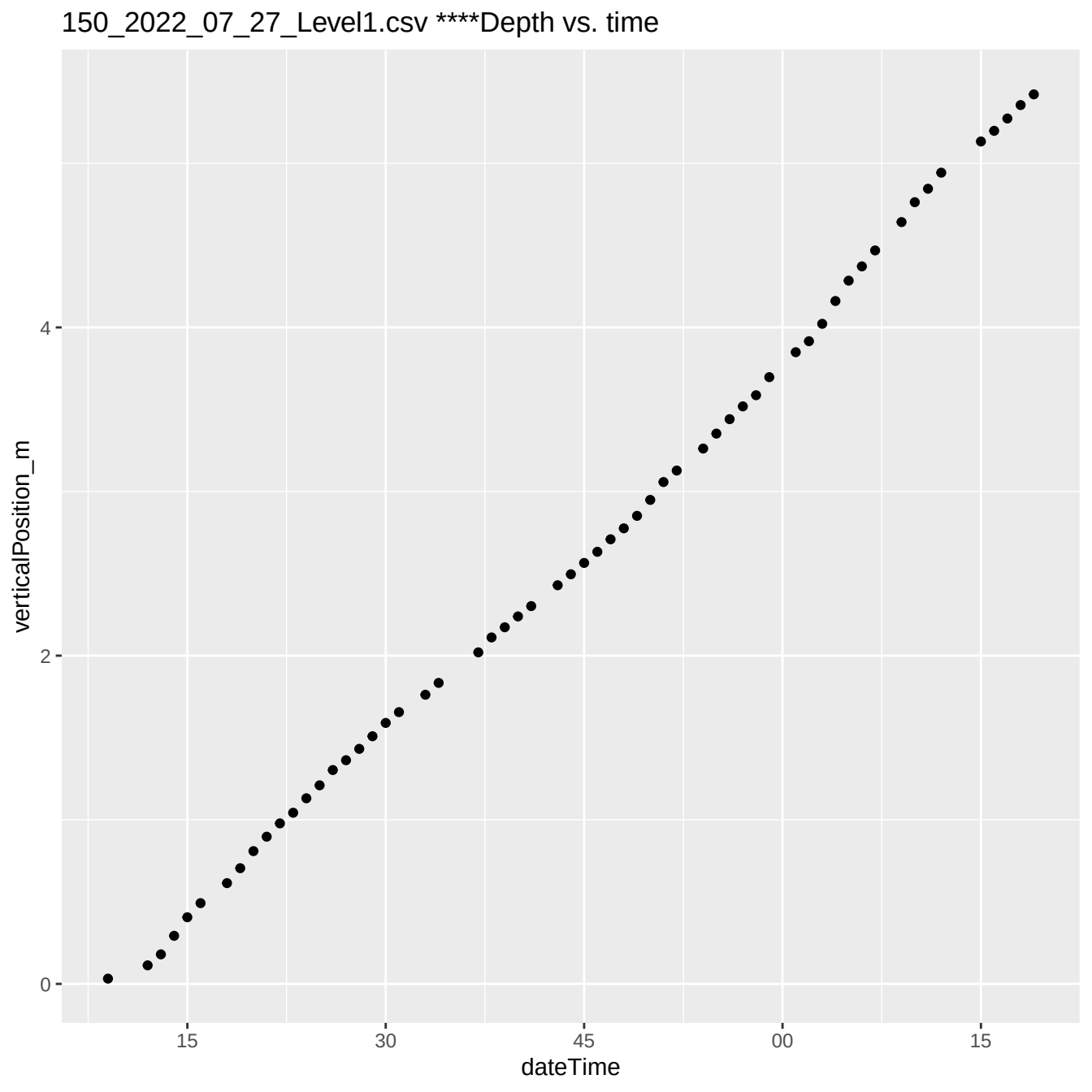

150_2022_05_19_Level1.csv ****chl jumps
verticalPosition_m
0
1
2
3
4
5
chlorophyll_RFU
0
5
10
15

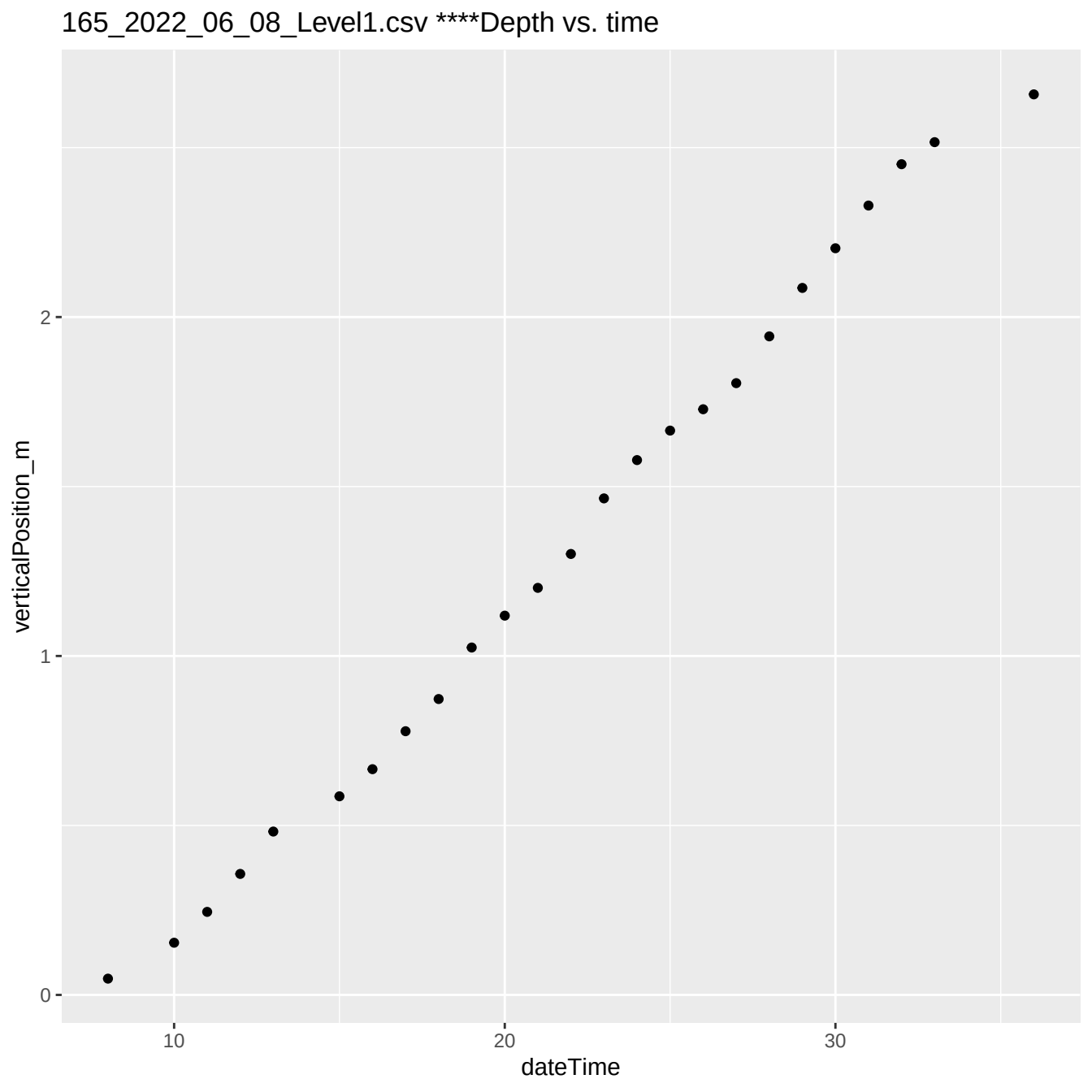

150_2022_05_19_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
−0.10
−0.05
0.00
0.05
0.10
phycocyaninBGA_RFU

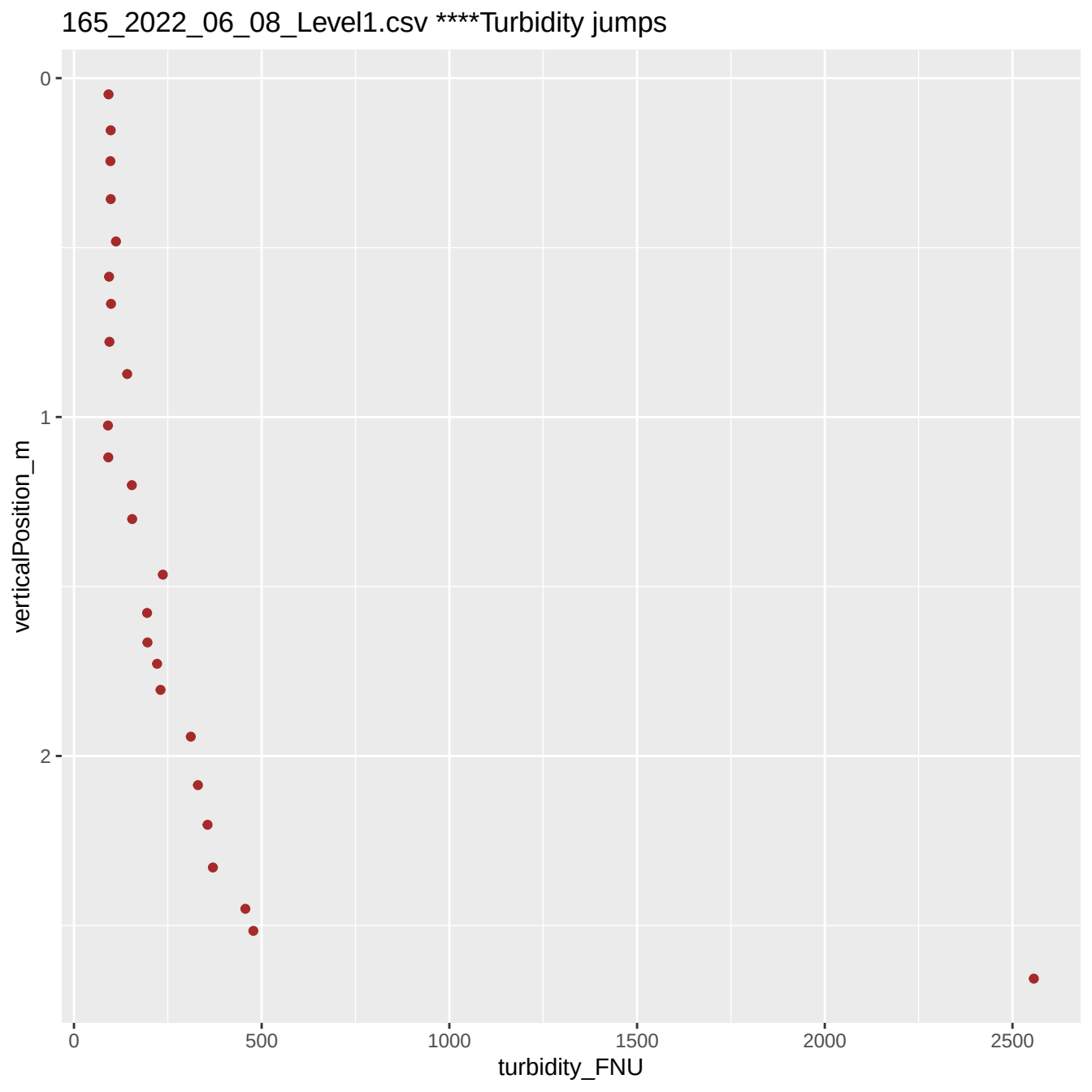

150_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
30
40
50
00
dateTime

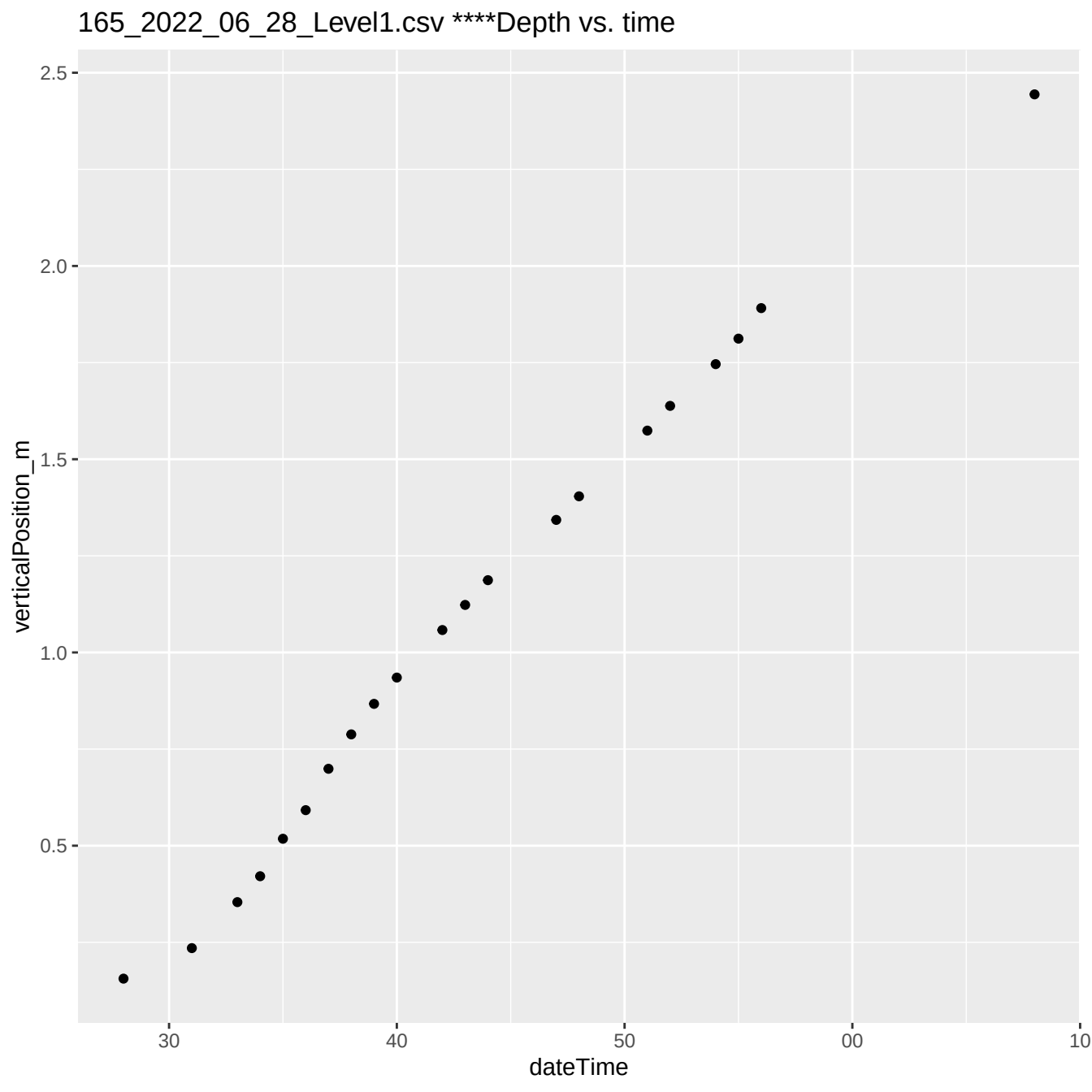

150_2022_06_29_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
08:06:30
08:07:00
08:07:30
dateTime

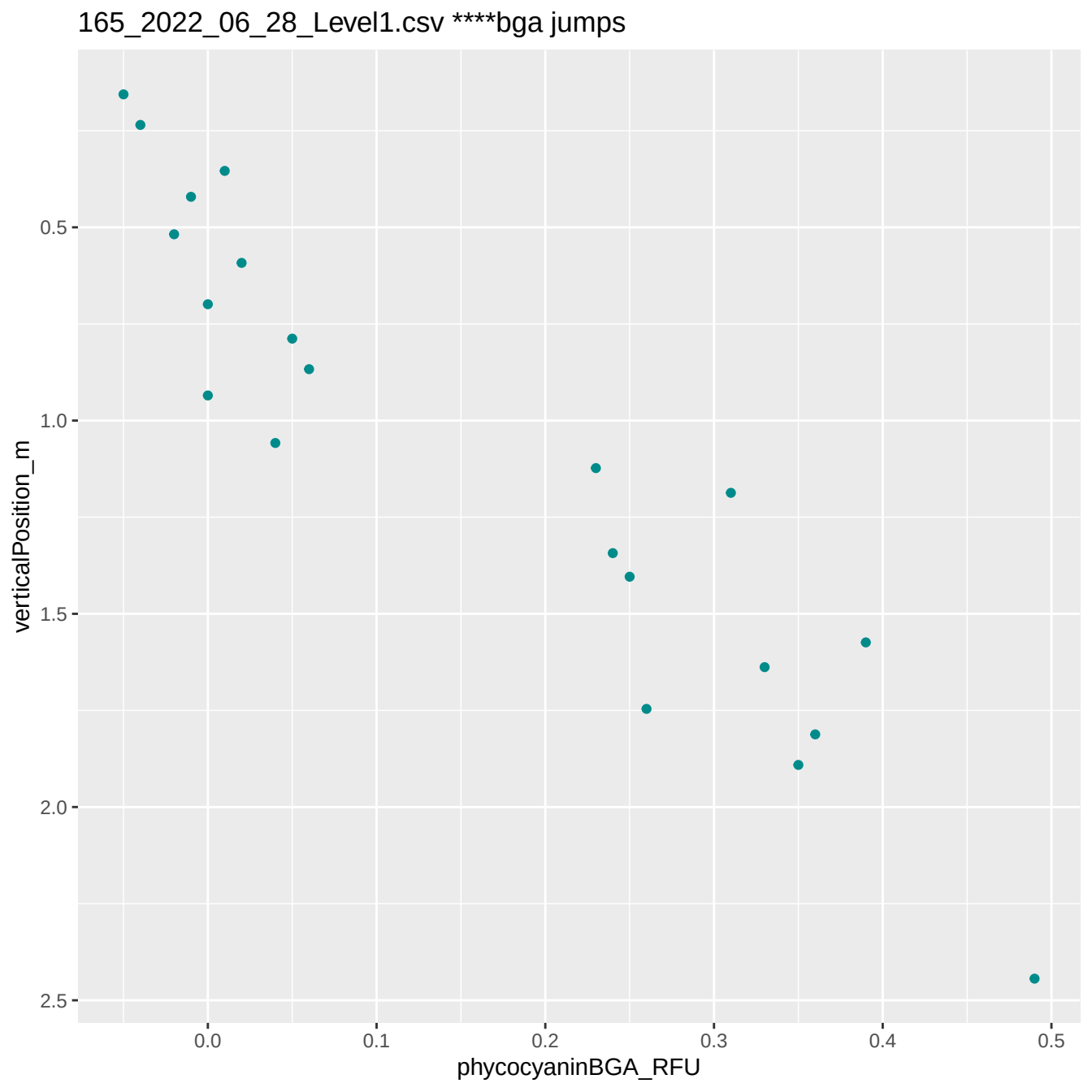

150_2022_06_29_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
0.0
0.2
0.4
0.6
0.8
phycocyaninBGA_RFU

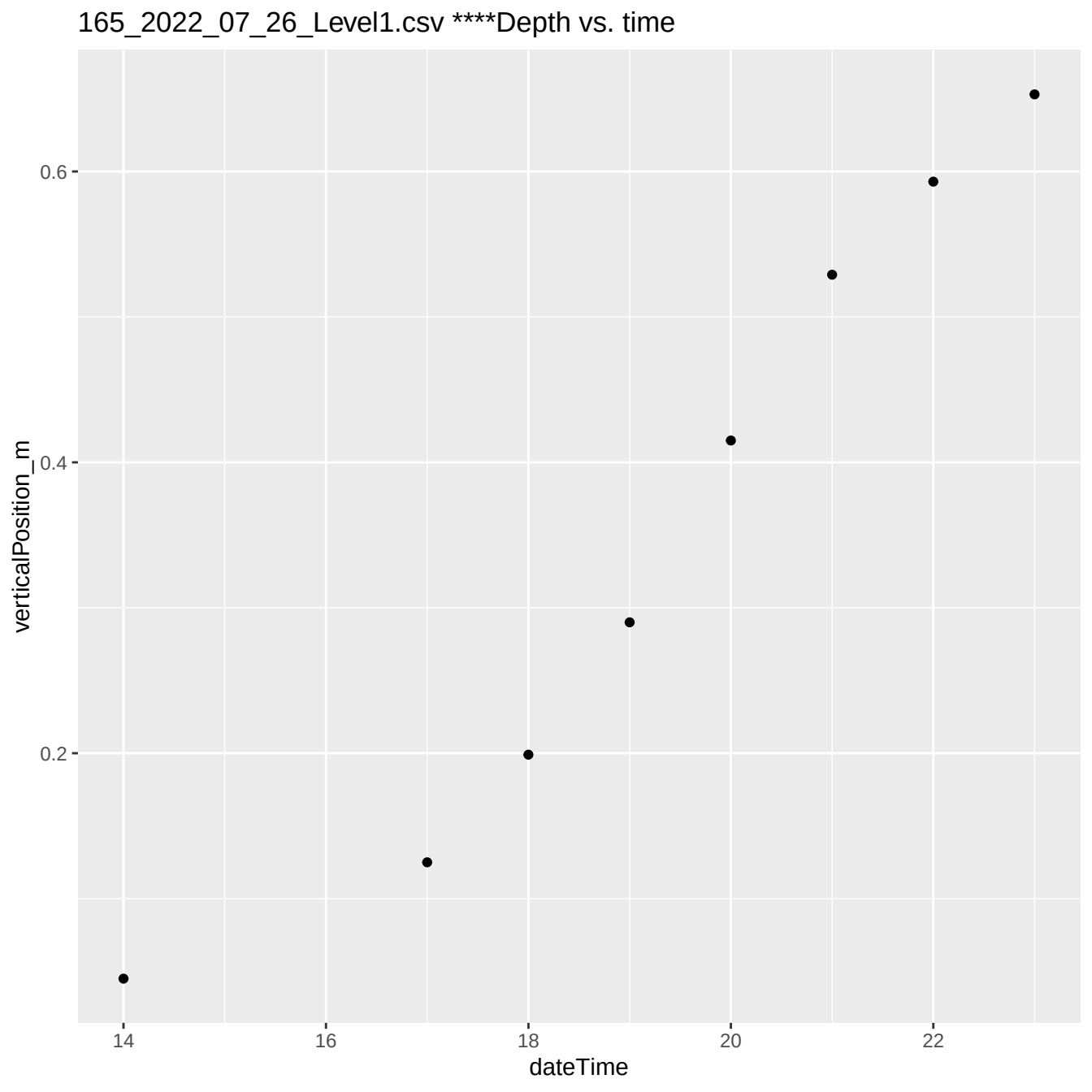

150_2022_07_27_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
15
30
45
00
15
dateTime

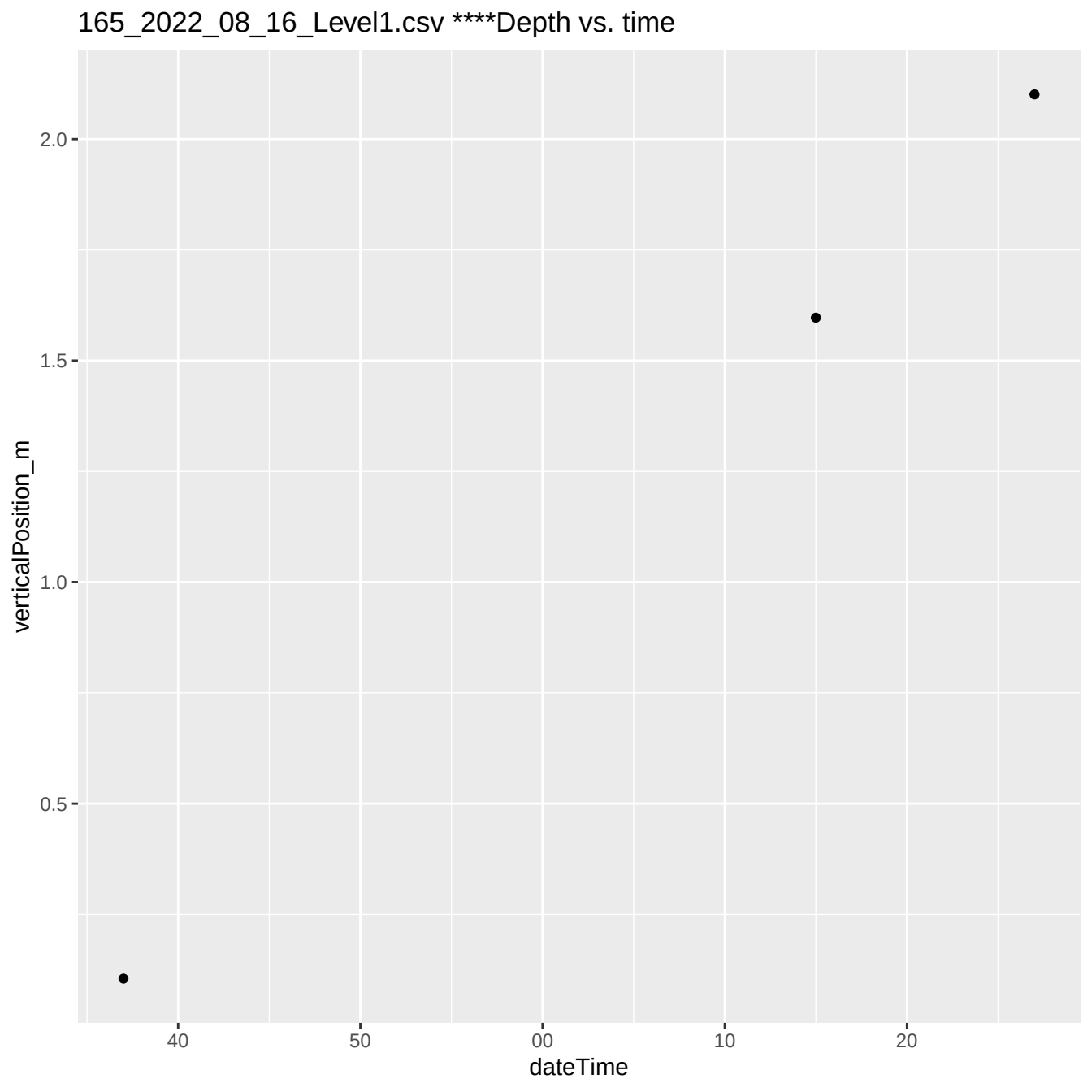

165_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
10
20
30
dateTime

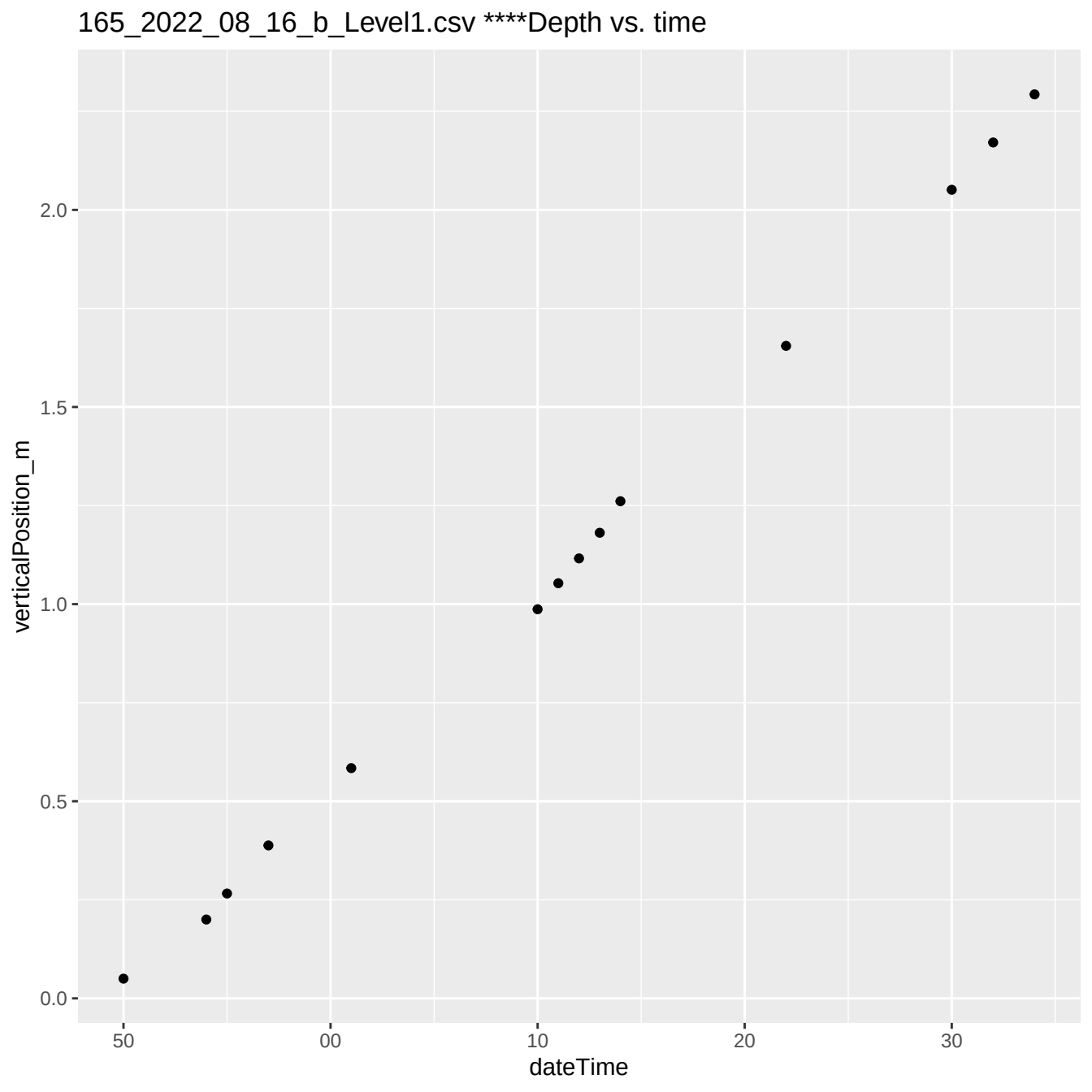

165_2022_06_08_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
0
500
1000
1500
2000
2500
turbidity_FNU

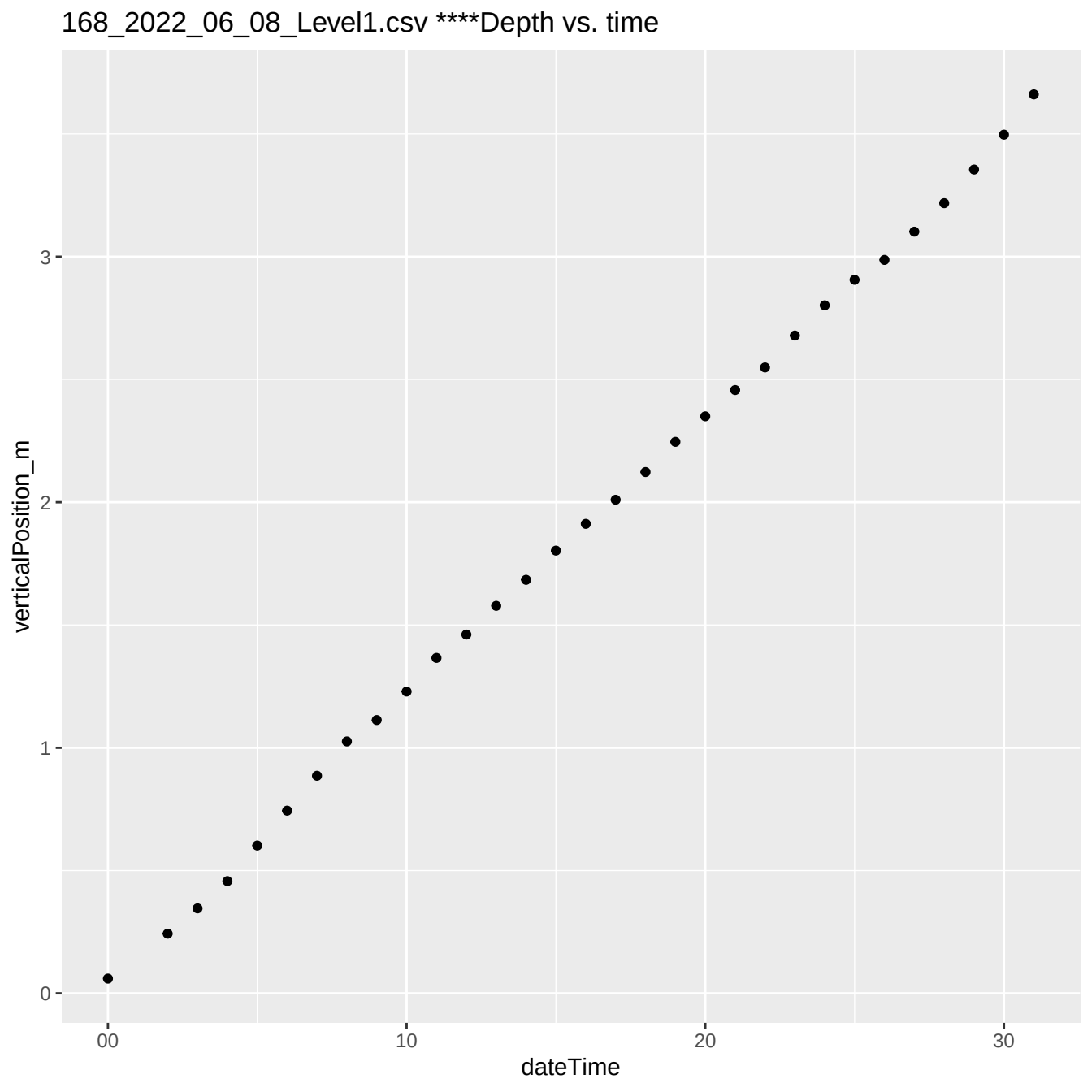

165_2022_06_28_Level1.csv ****Depth vs. time
2.5
2.0
1.5
1.0
0.5
verticalPosition_m
30
40
50
00
10
dateTime

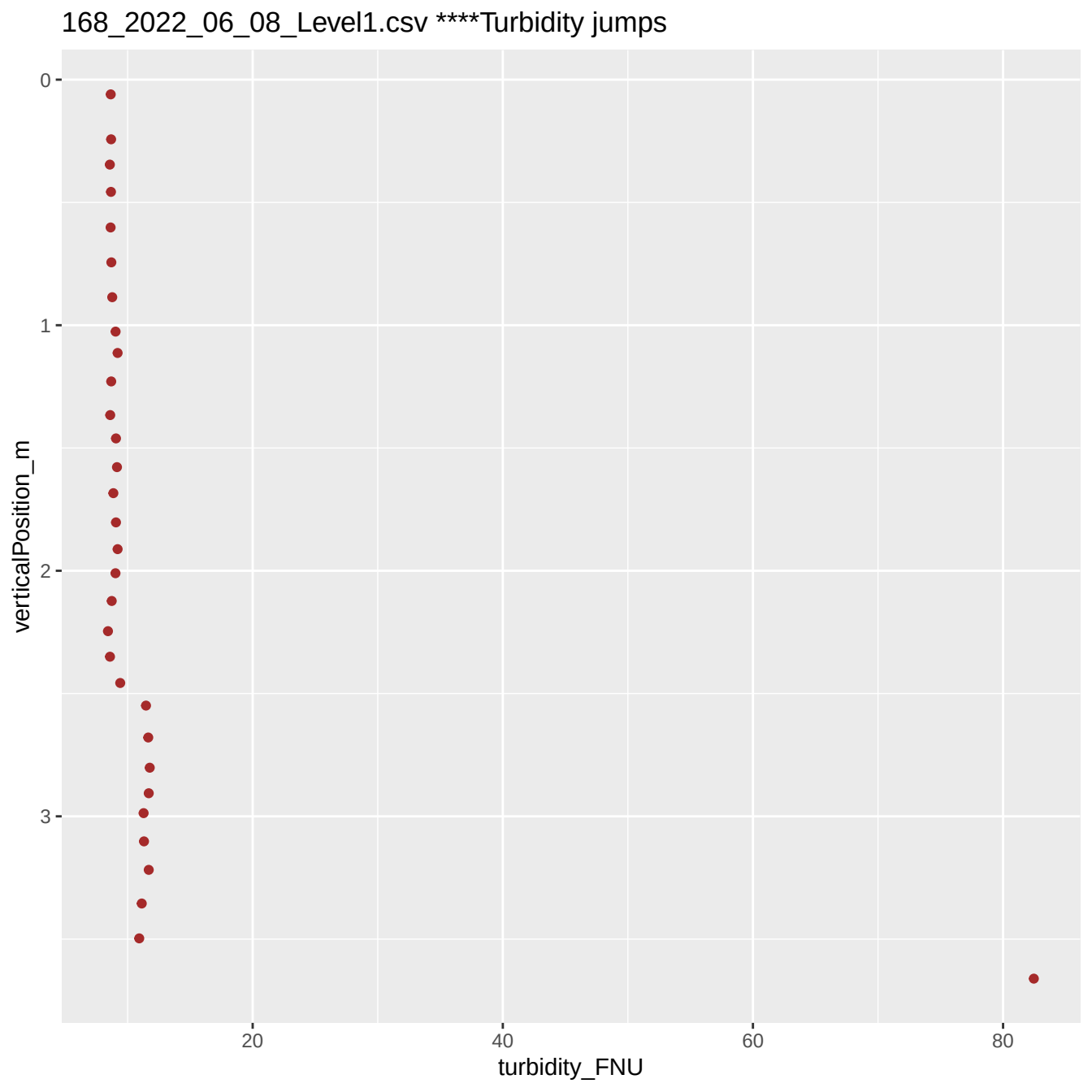

165_2022_06_28_Level1.csv ****bga jumps
verticalPosition_m
0.5
1.0
1.5
2.0
2.5
0.0
0.1
0.2
0.3
0.4
0.5
phycocyaninBGA_RFU

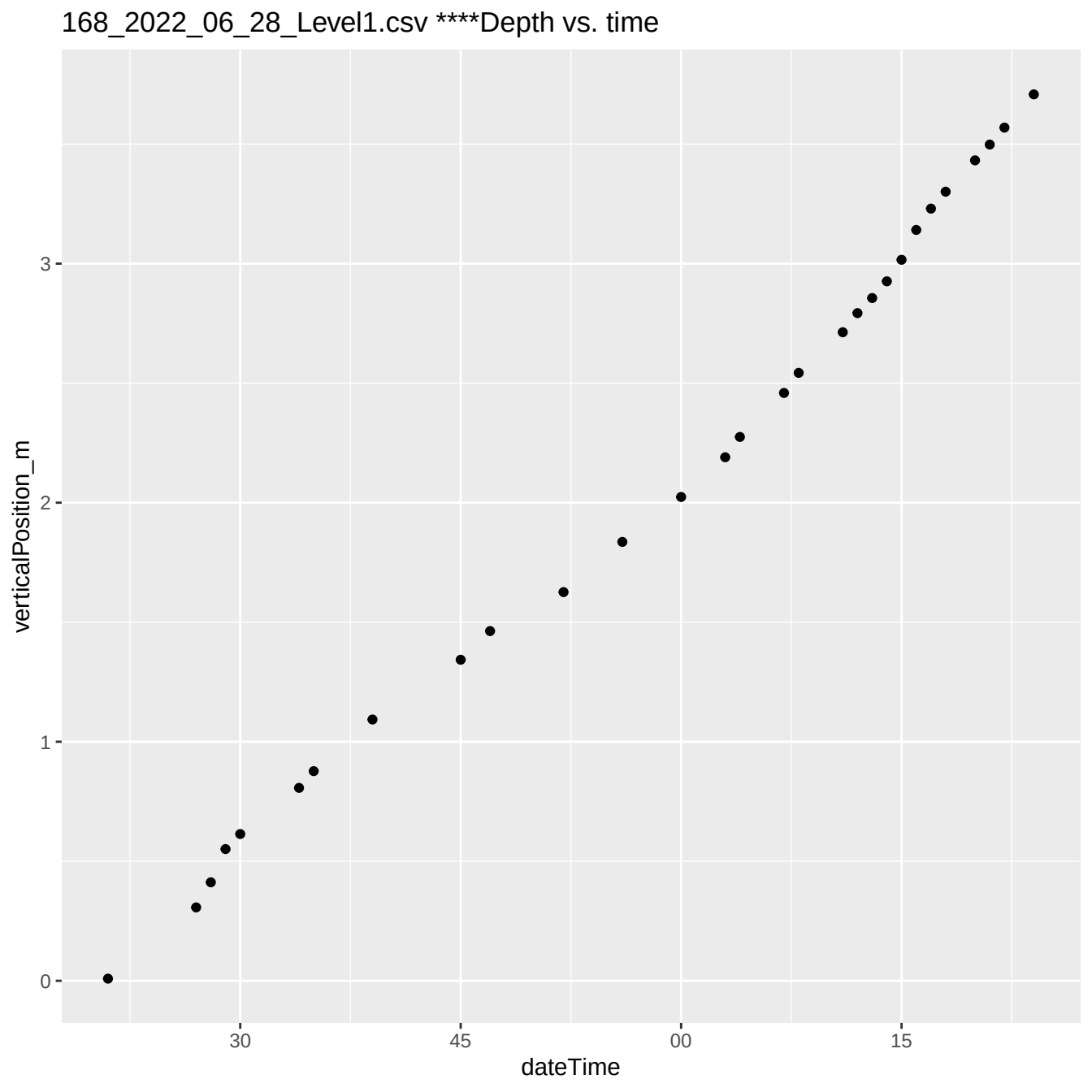

165_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
0.6
0.4
0.2
14
16
18
20
22
dateTime

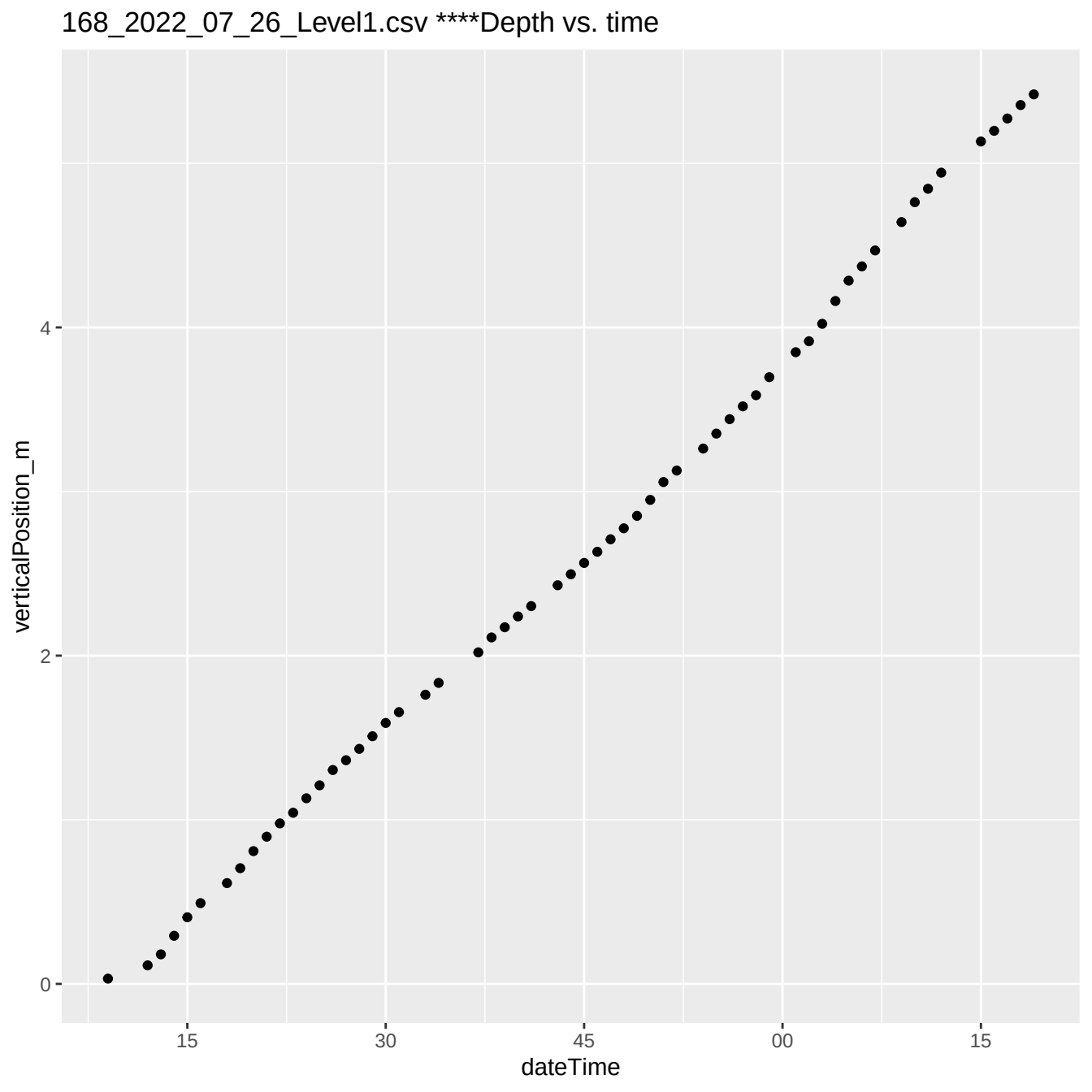

165_2022_08_16_Level1.csv ****Depth vs. time
2.0
1.5
1.0
0.5
verticalPosition_m
40
50
00
10
20
dateTime

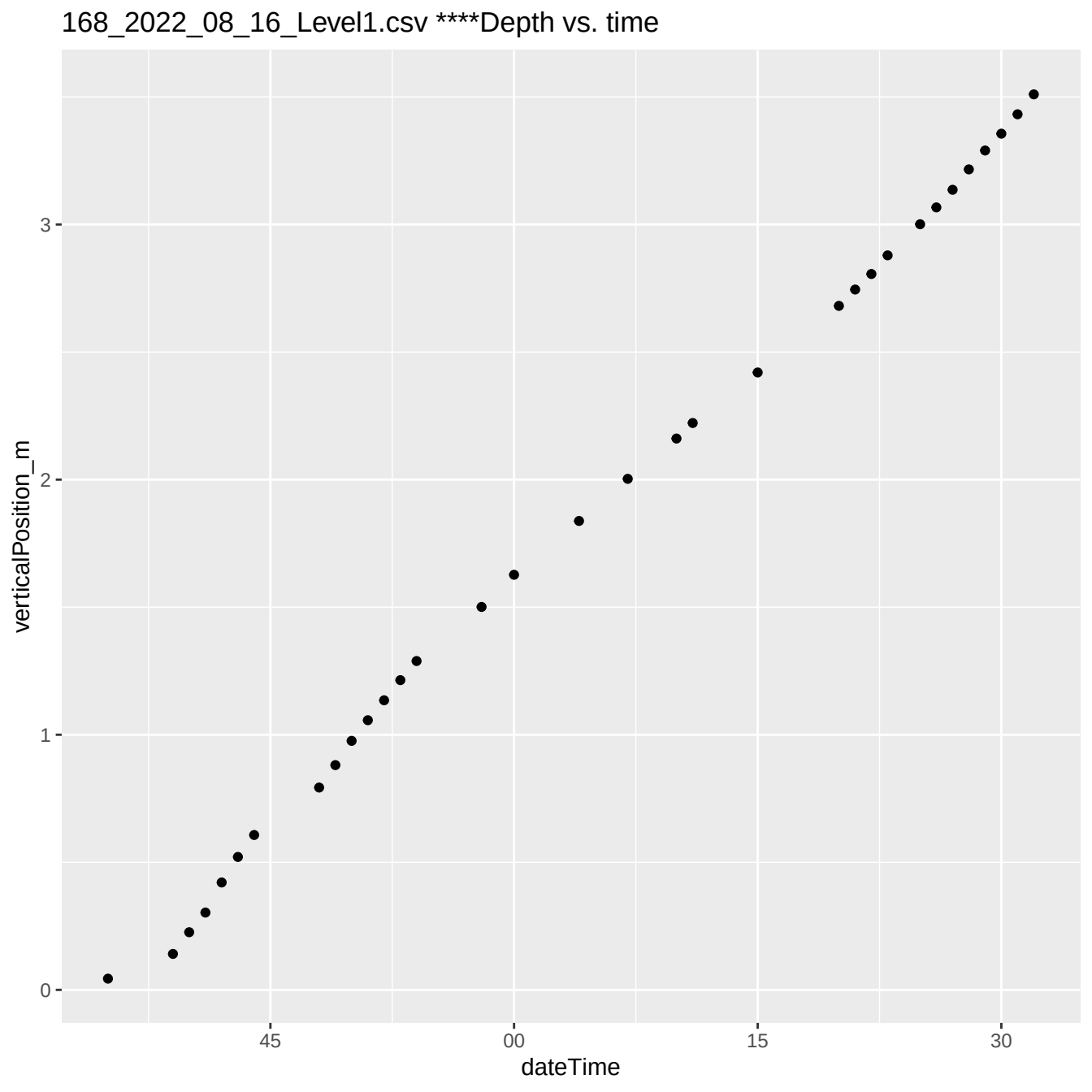

165_2022_08_16_b_Level1.csv ****Depth vs. time
verticalPosition_m
2.0
1.5
1.0
0.5
0.0
50
00
10
20
30
dateTime

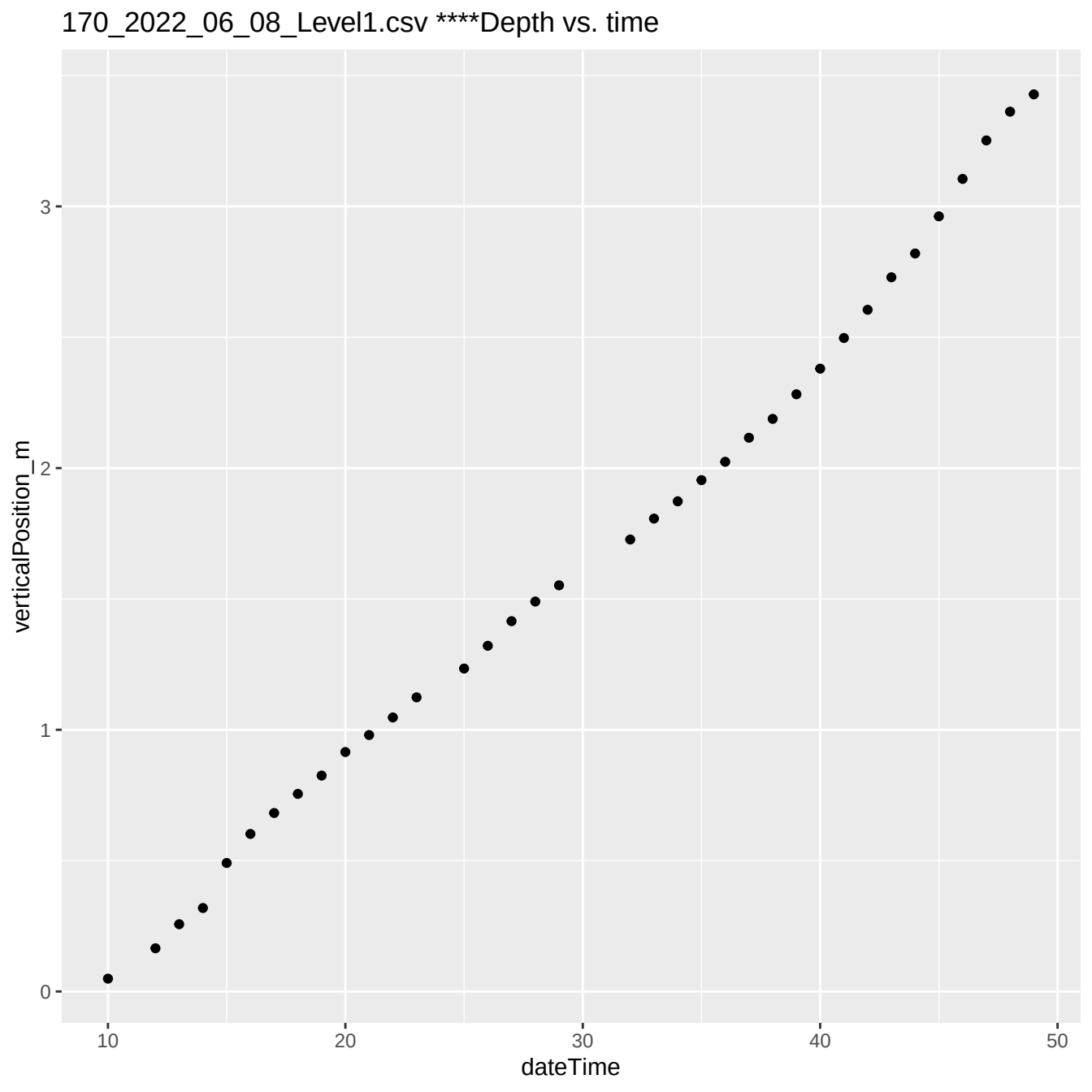

168_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
00
10
20
30
dateTime

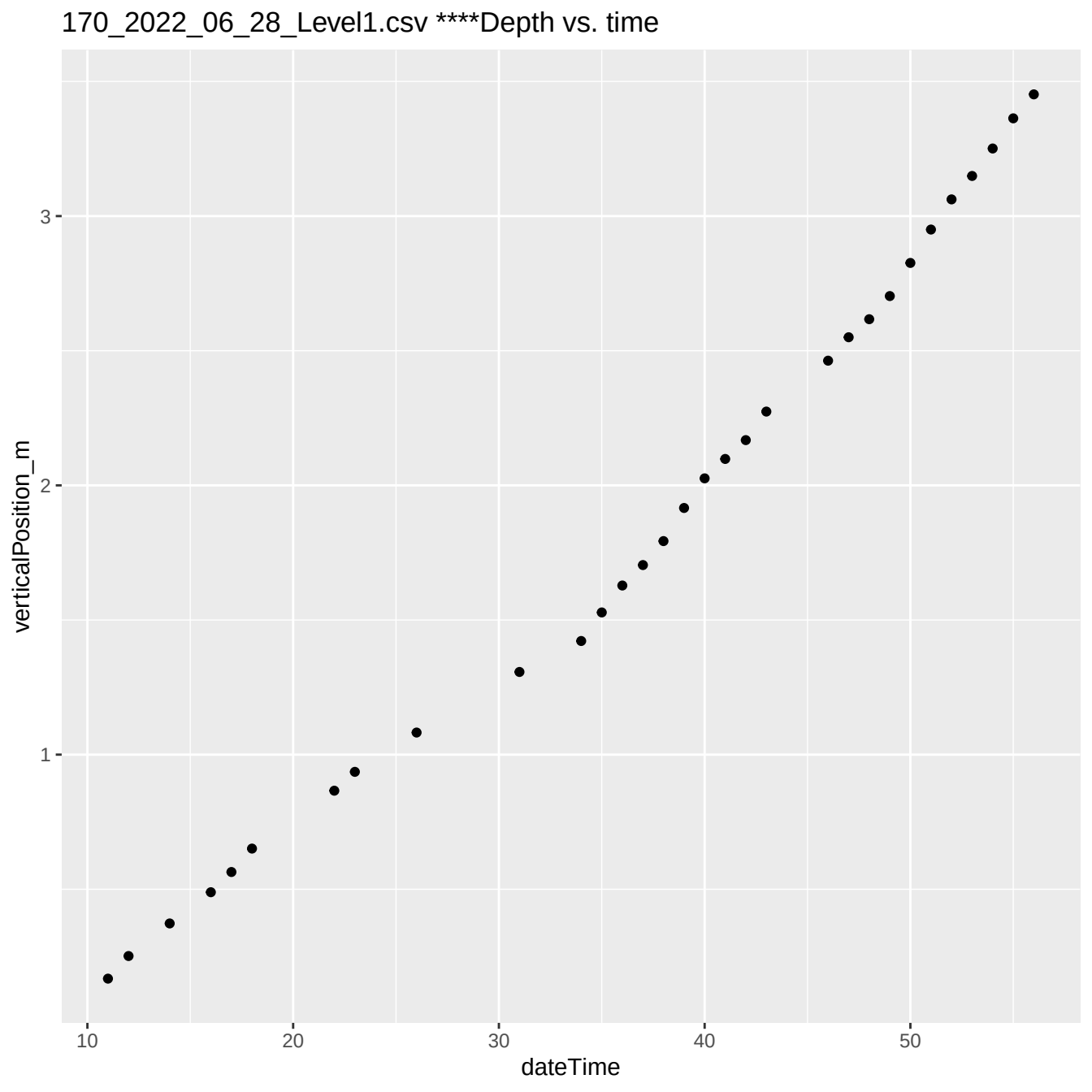

168_2022_06_08_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
20
40
60
80
turbidity_FNU

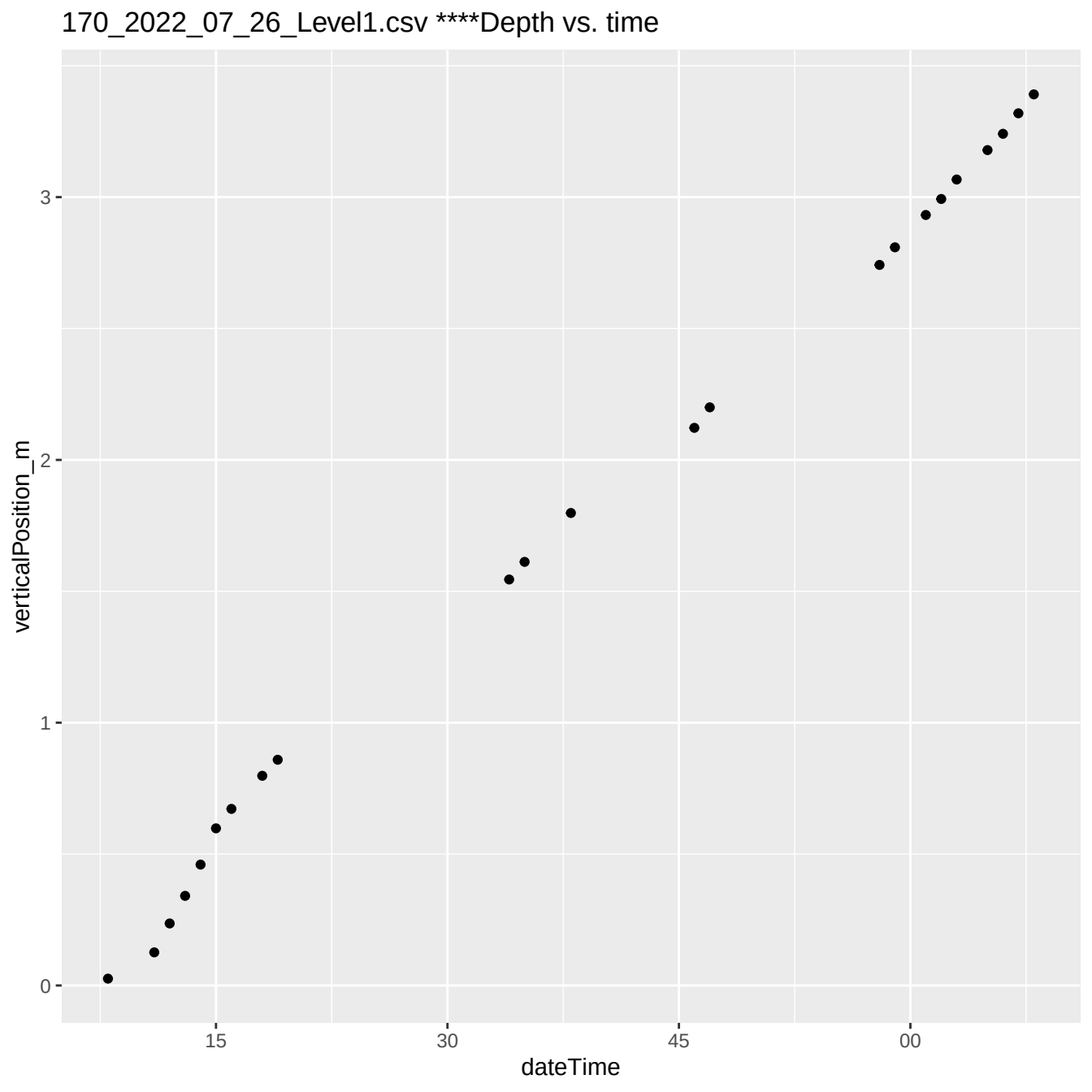

168_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
30
45
00
15
dateTime

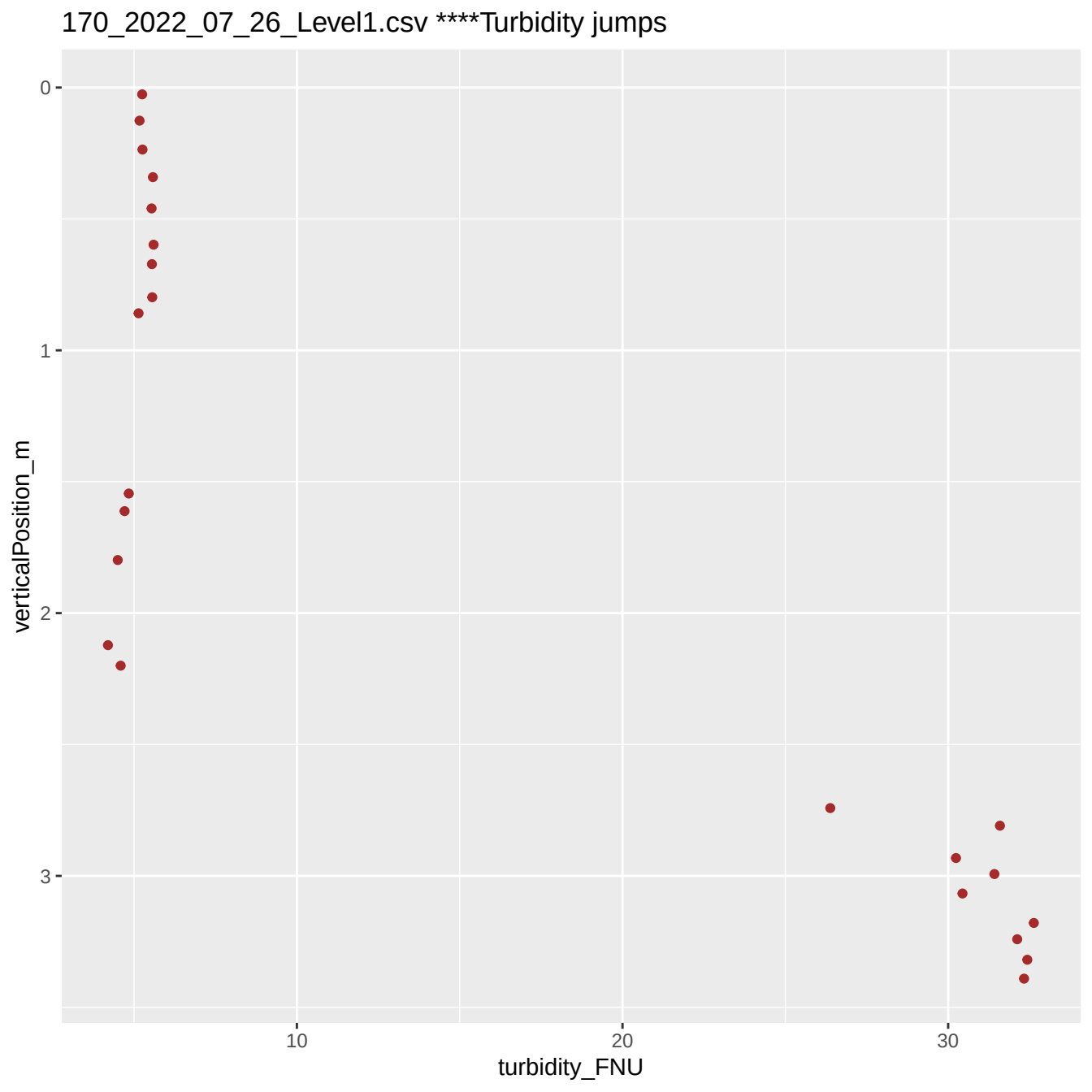

168_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
15
30
45
00
15
dateTime

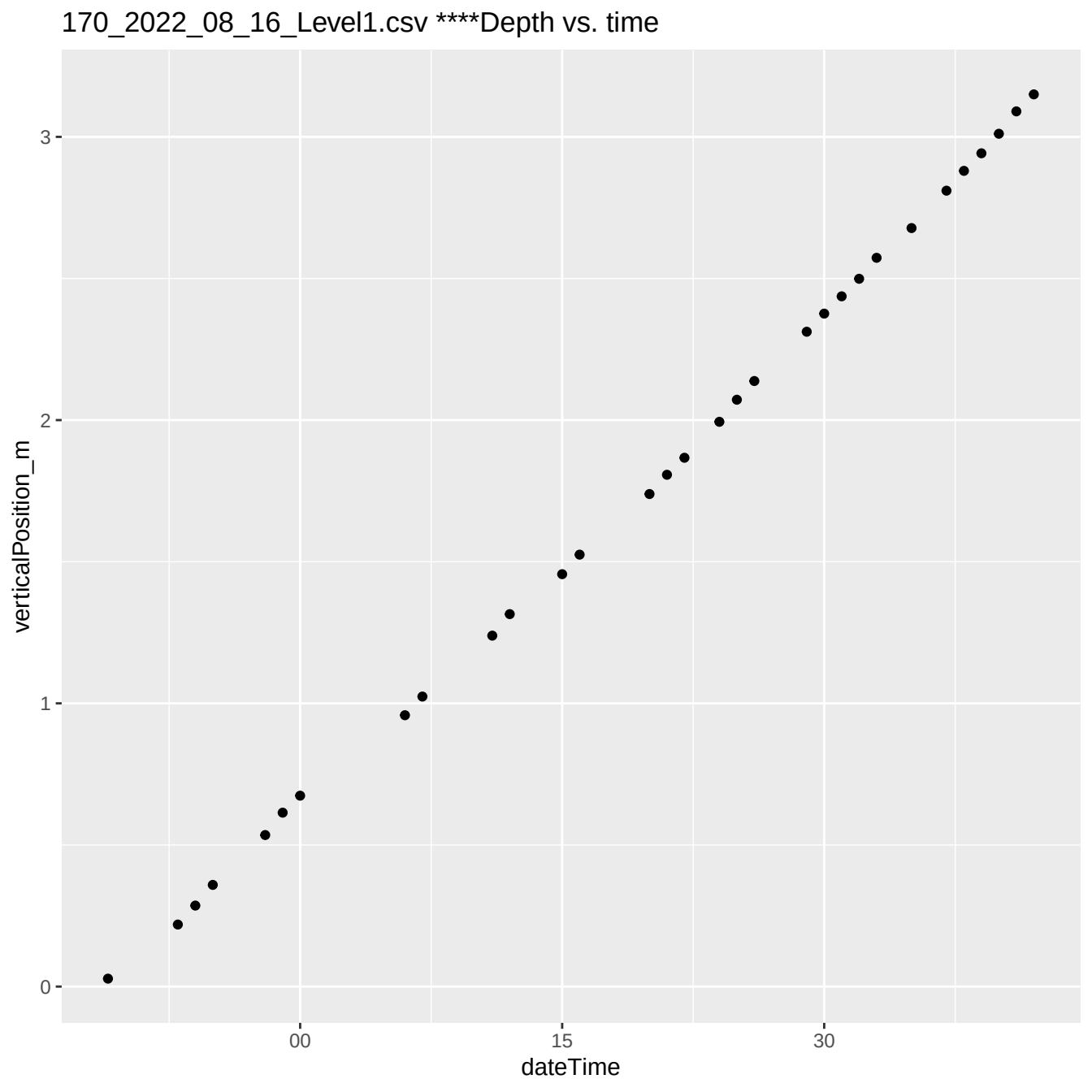

168_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
45
00
15
30
dateTime

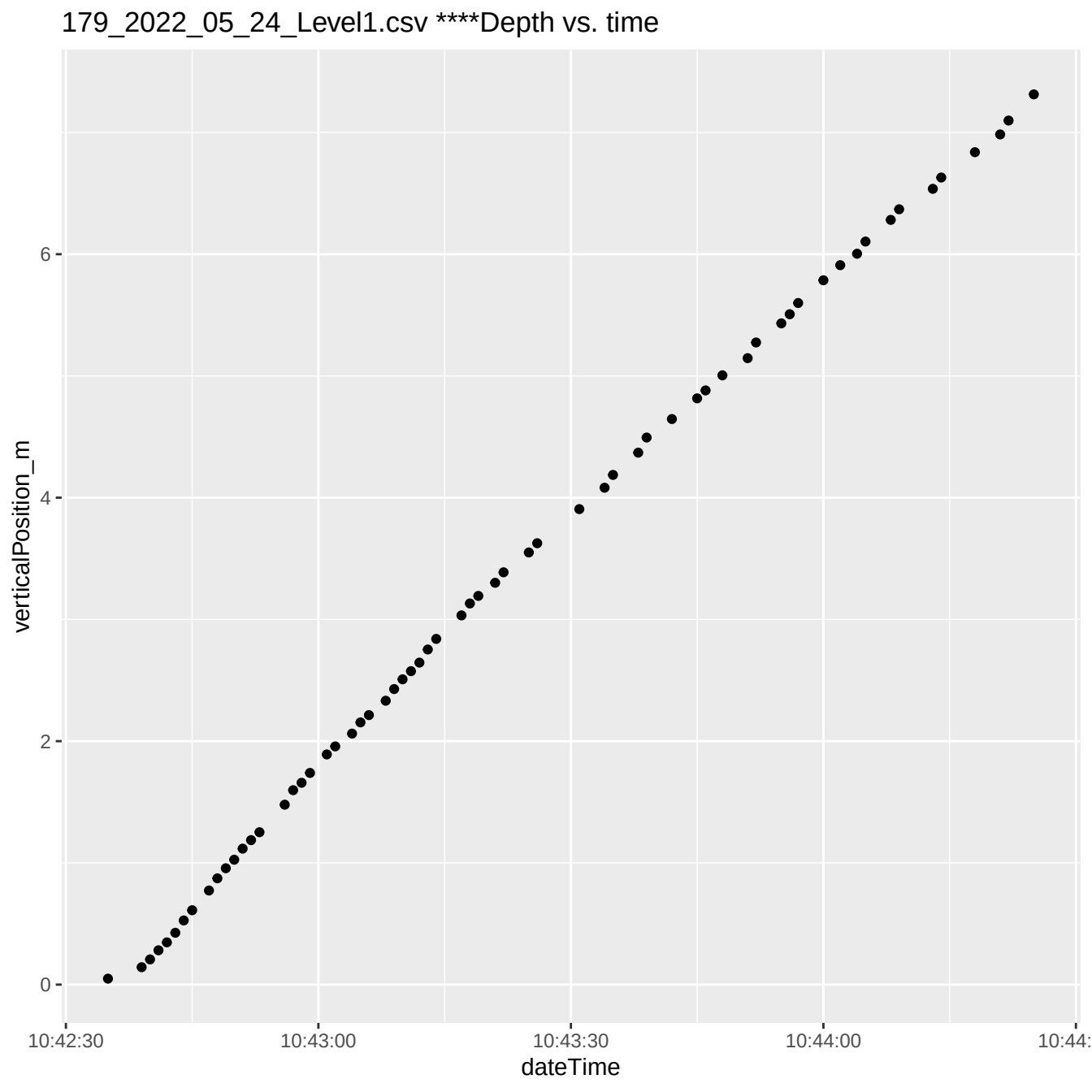

170_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
10
20
30
40
50
dateTime

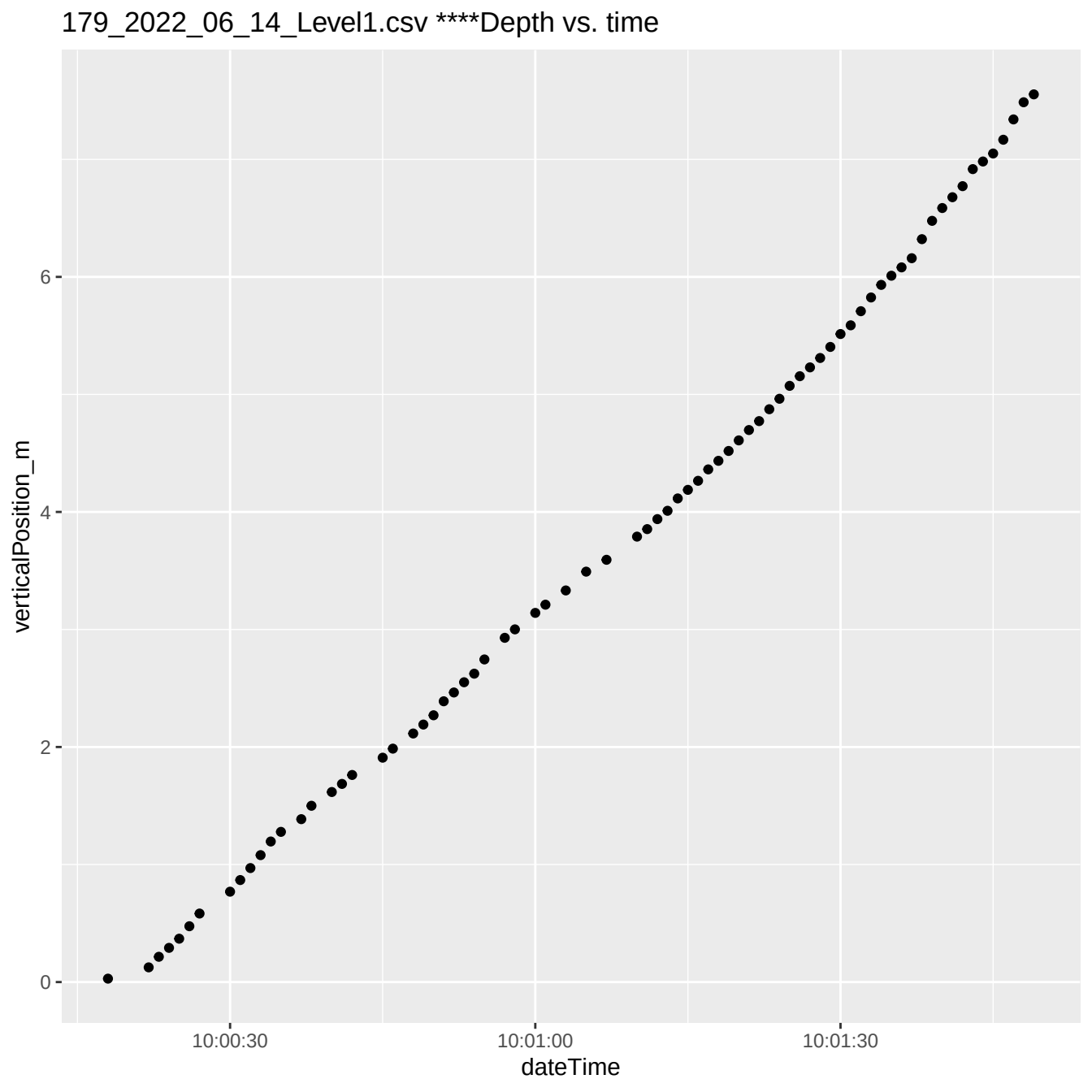

170_2022_06_28_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
10
20
30
40
50
dateTime

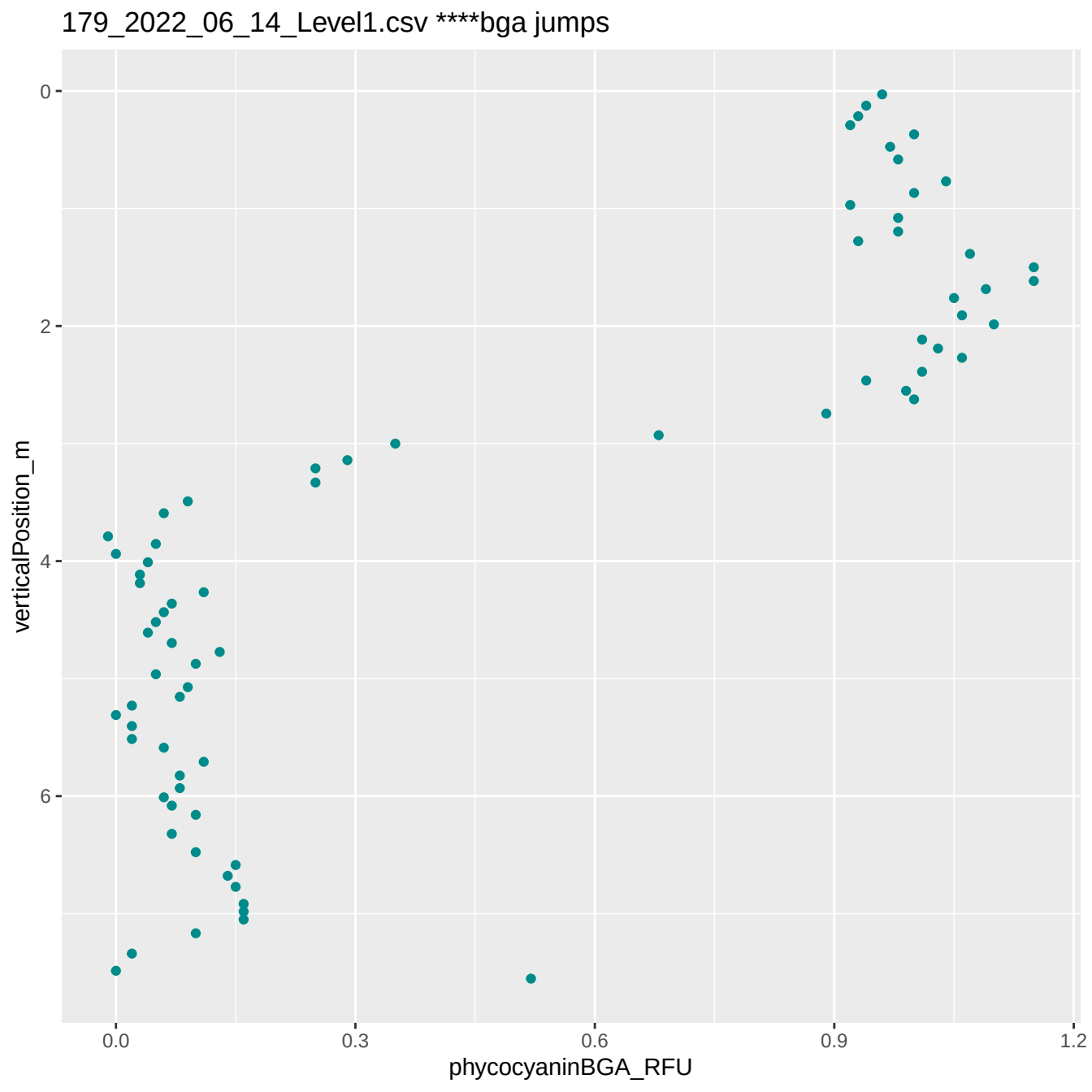

170_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
15
30
45
00
dateTime

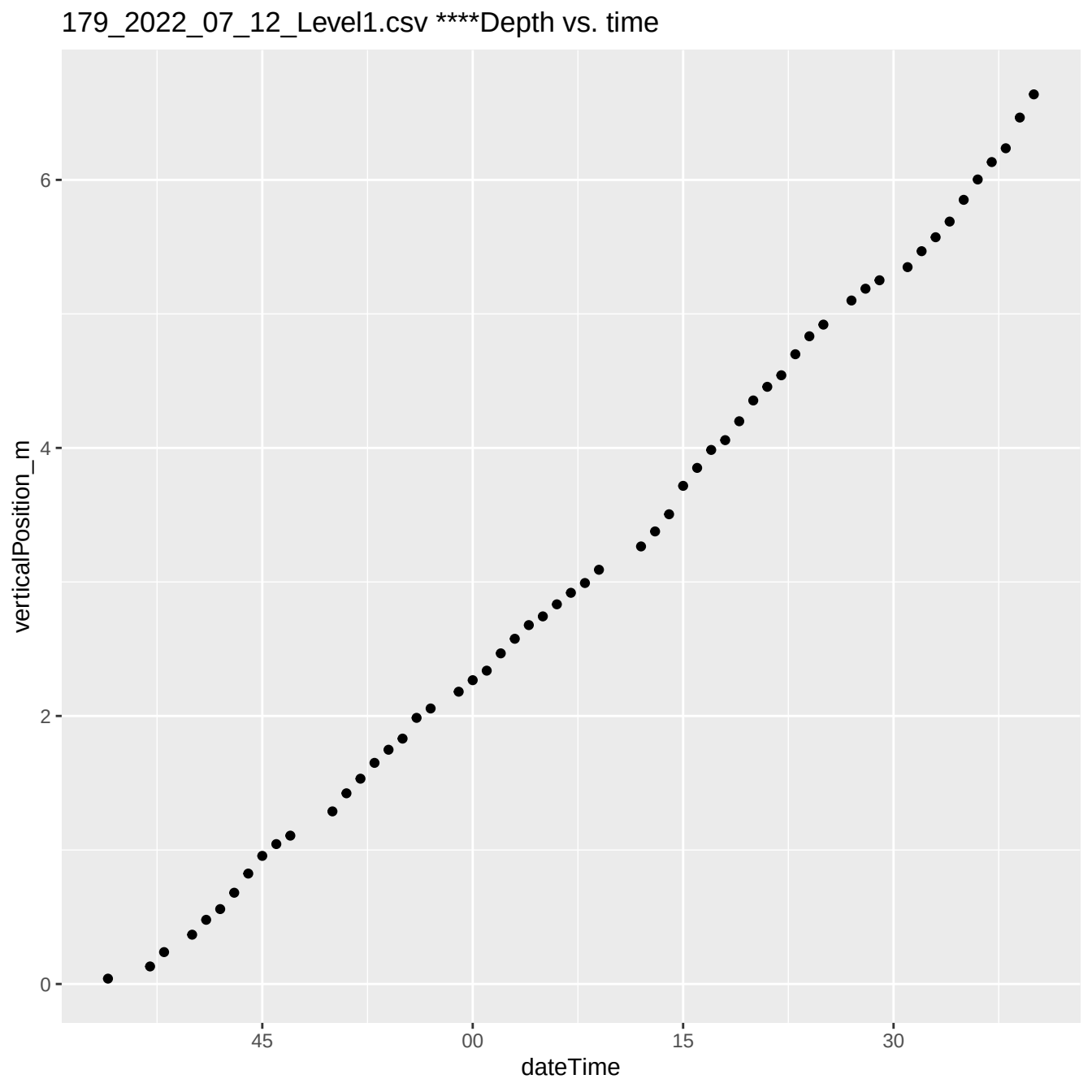

170_2022_07_26_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
10
20
30
turbidity_FNU

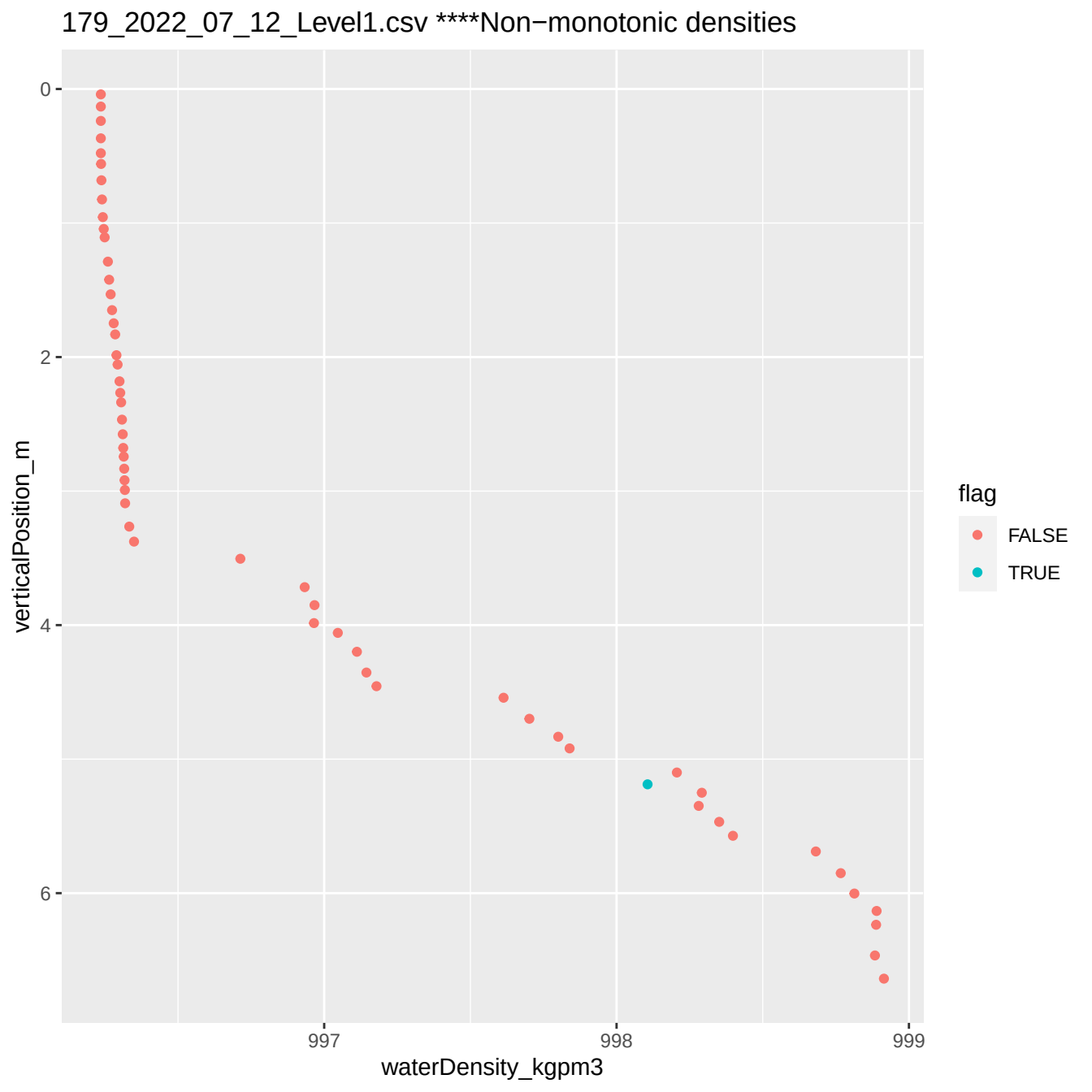

170_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
00
15
30
dateTime

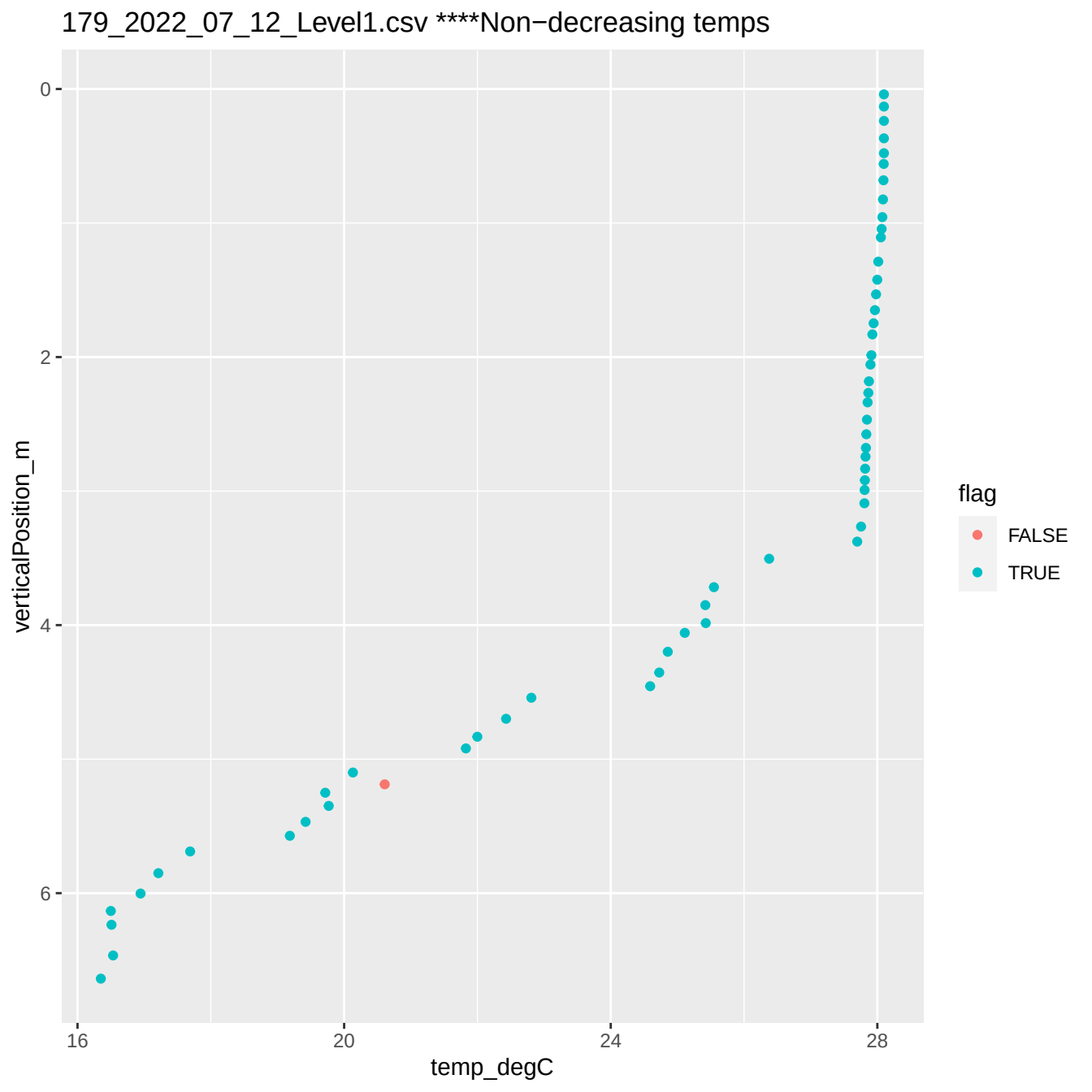

179_2022_05_24_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
10:42:30
10:43:00
10:43:30
10:44:00
dateTime

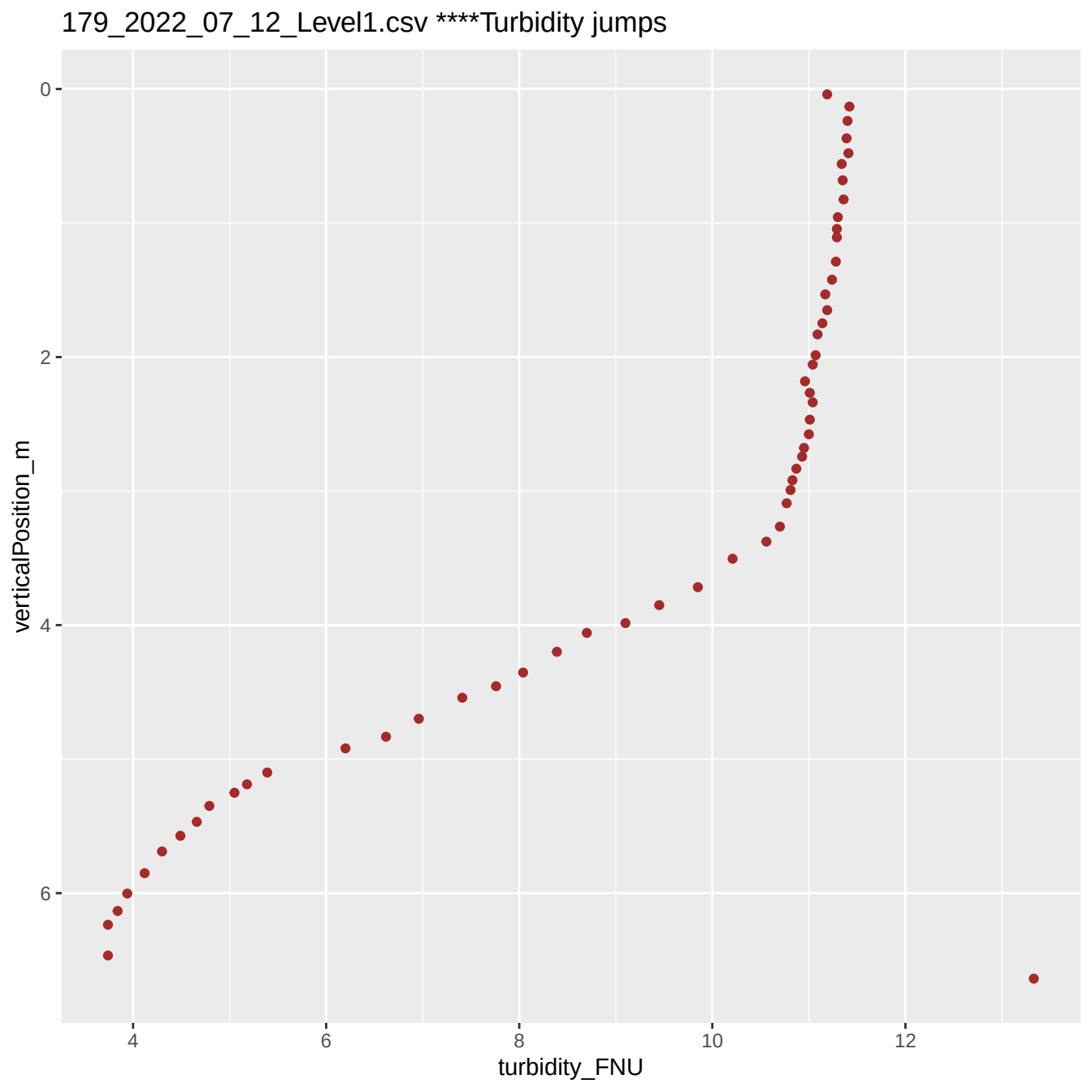

179_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
10:00:30
10:01:00
10:01:30
dateTime

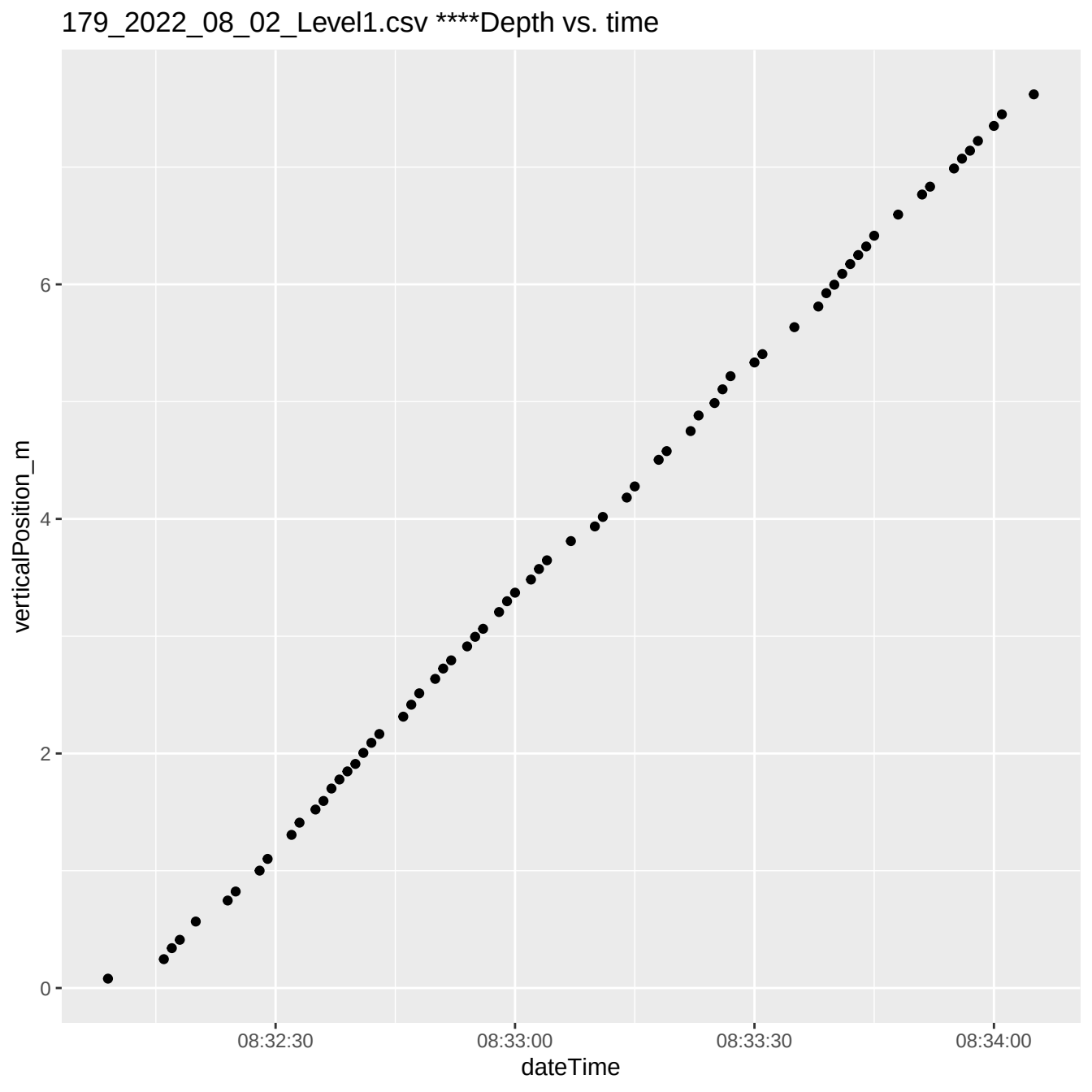

179_2022_06_14_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0.0
0.3
0.6
0.9
1.2
phycocyaninBGA_RFU

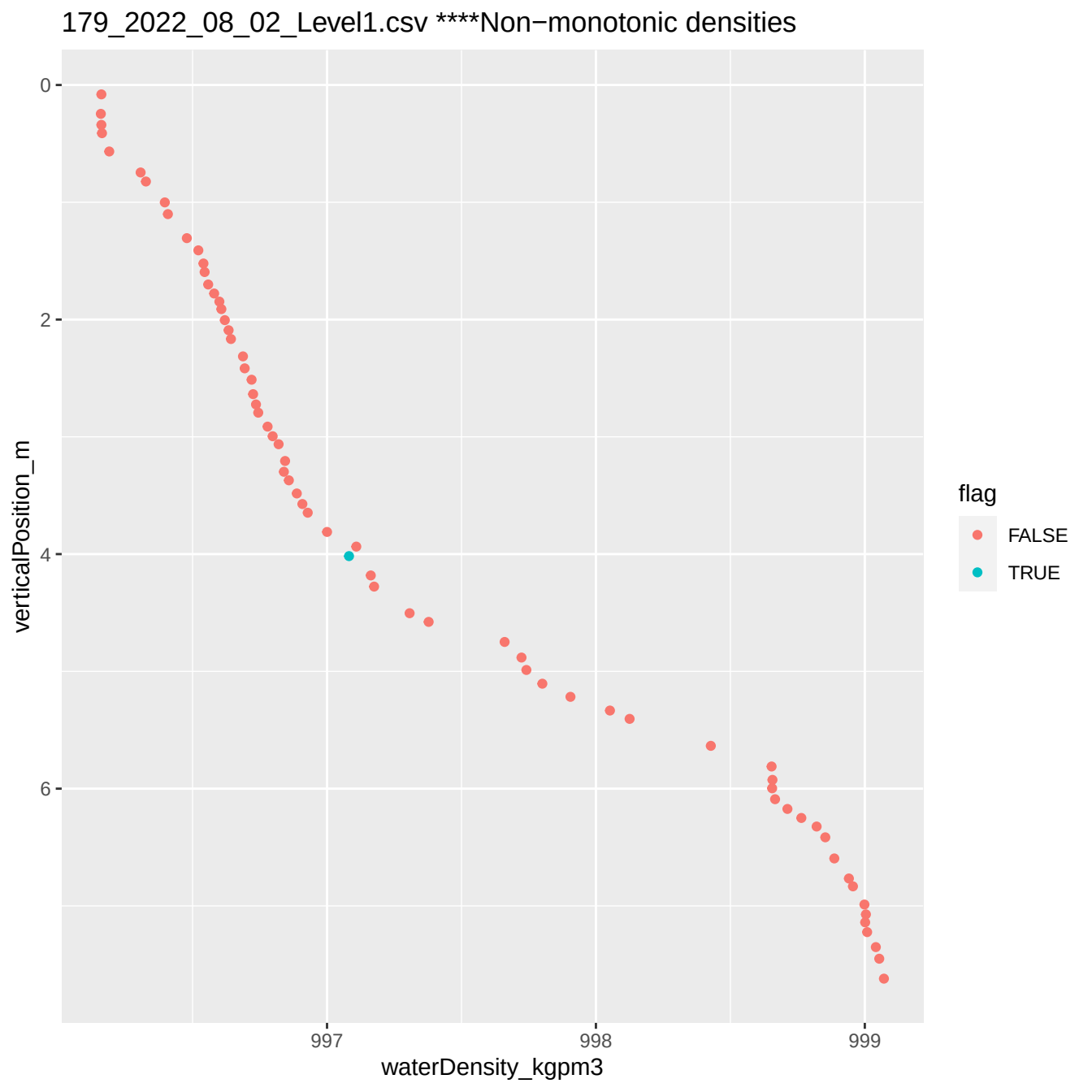

179_2022_07_12_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
45
00
15
30
dateTime

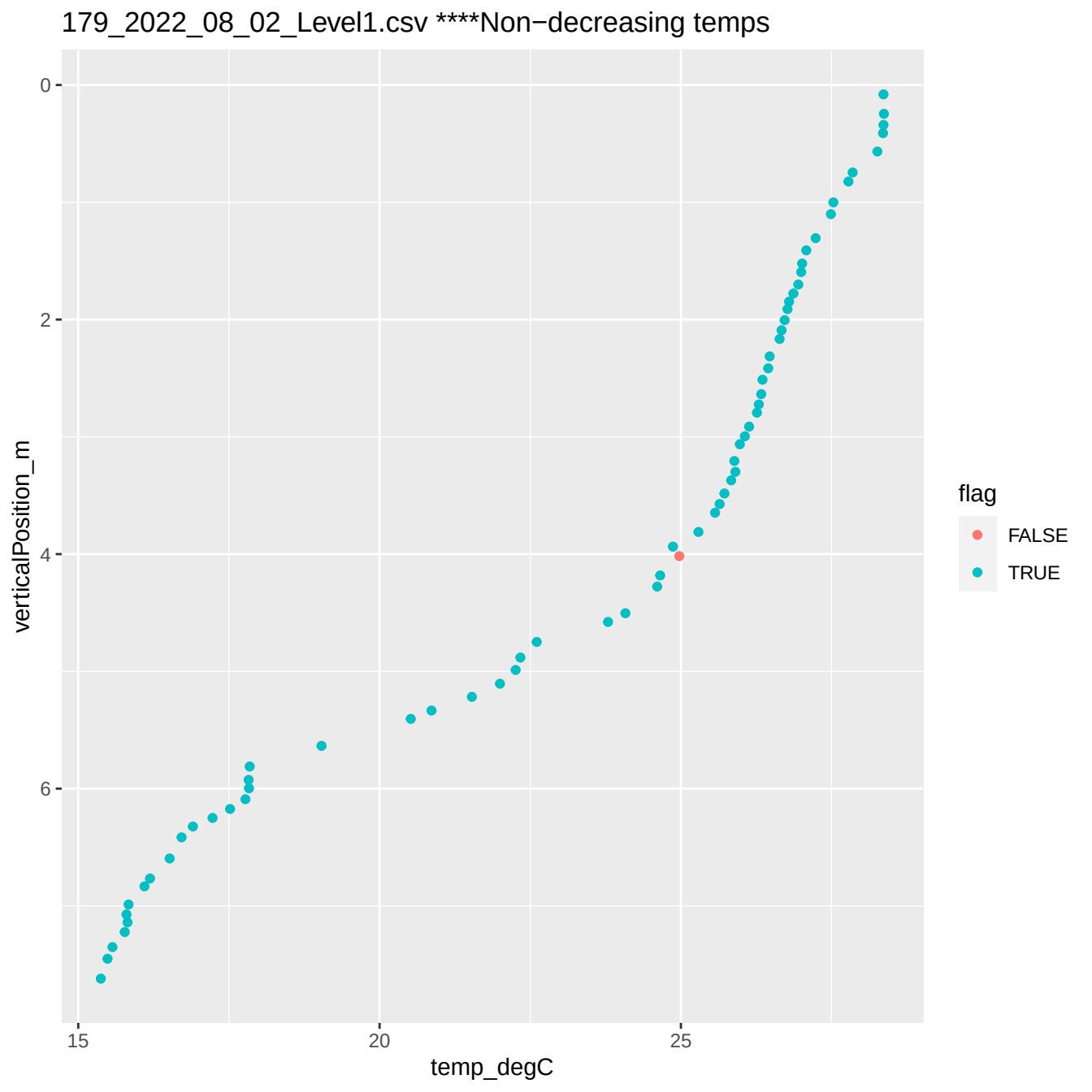

179_2022_07_12_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

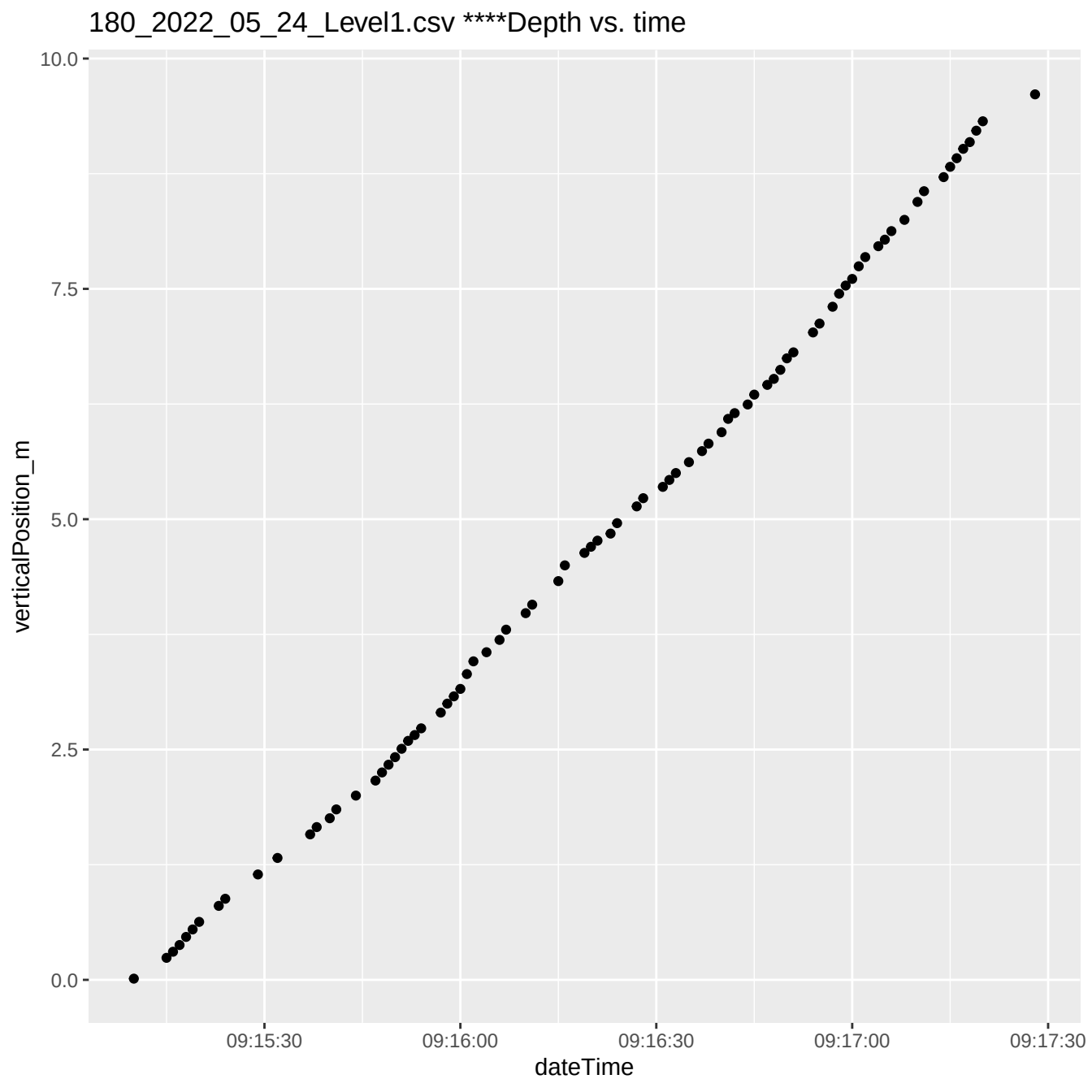

179_2022_07_12_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
16
20
24
28
temp_degC
flag
FALSE
TRUE

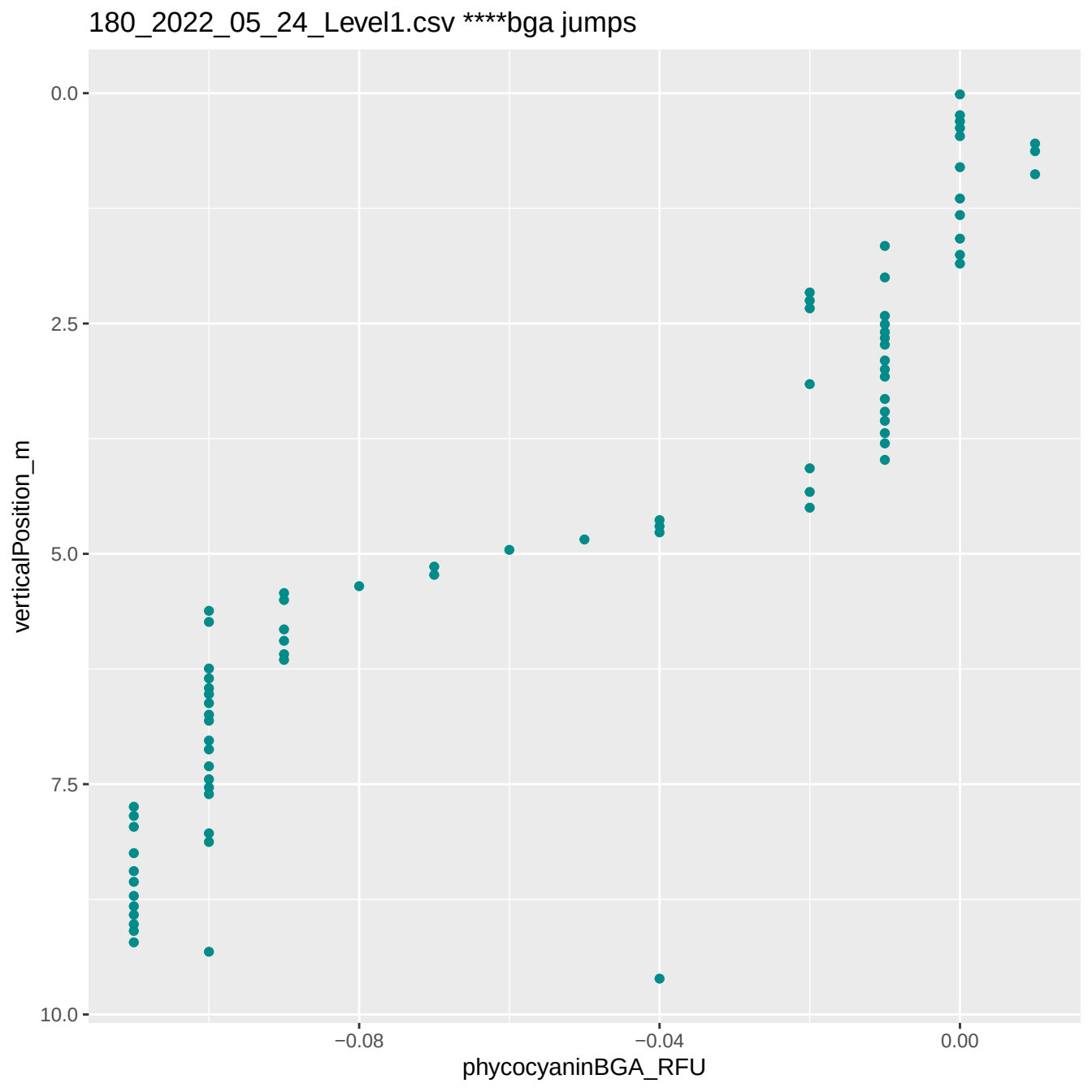

179_2022_07_12_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
4
6
8
10
12
turbidity_FNU

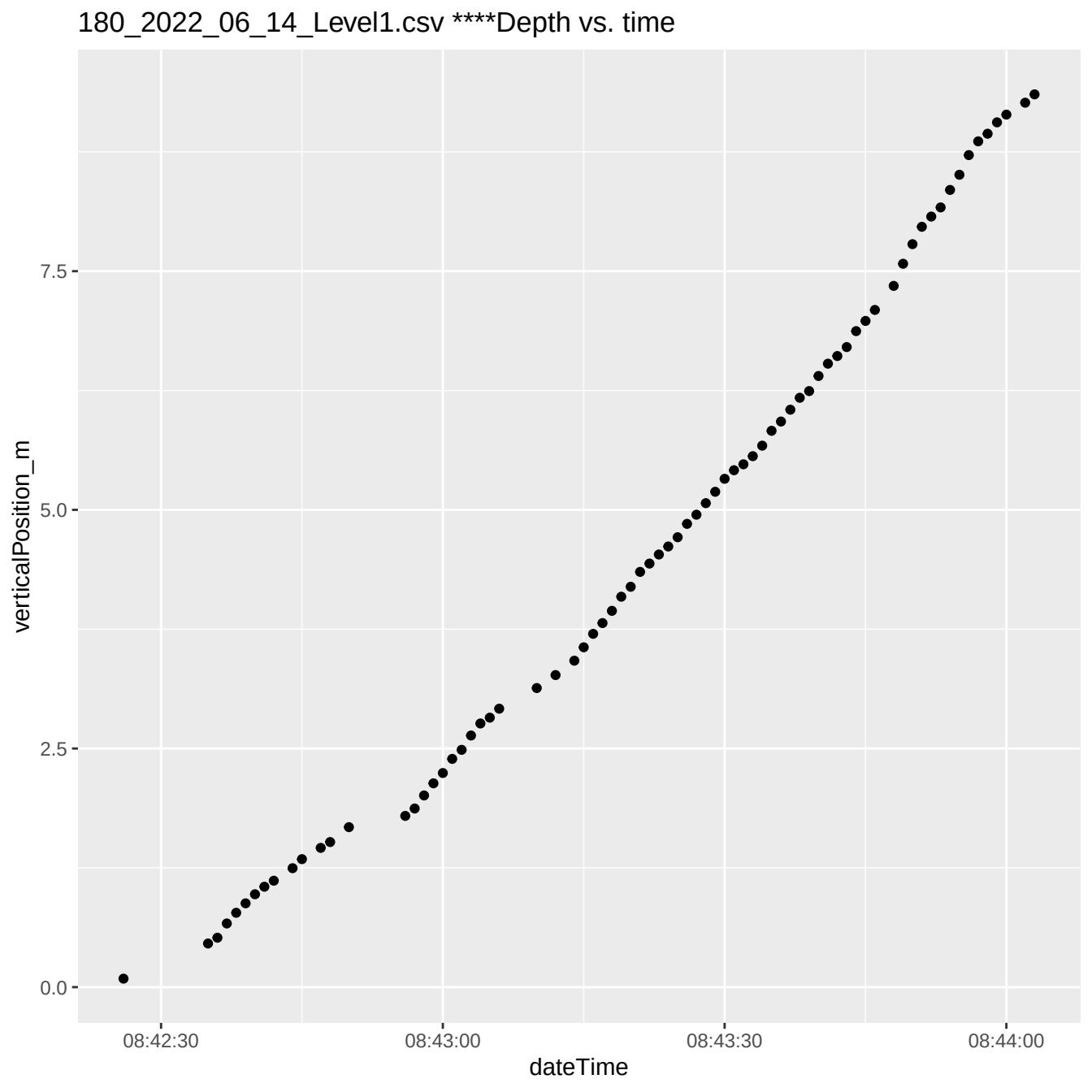

179_2022_08_02_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
08:32:30
08:33:00
08:33:30
08:34:00
dateTime

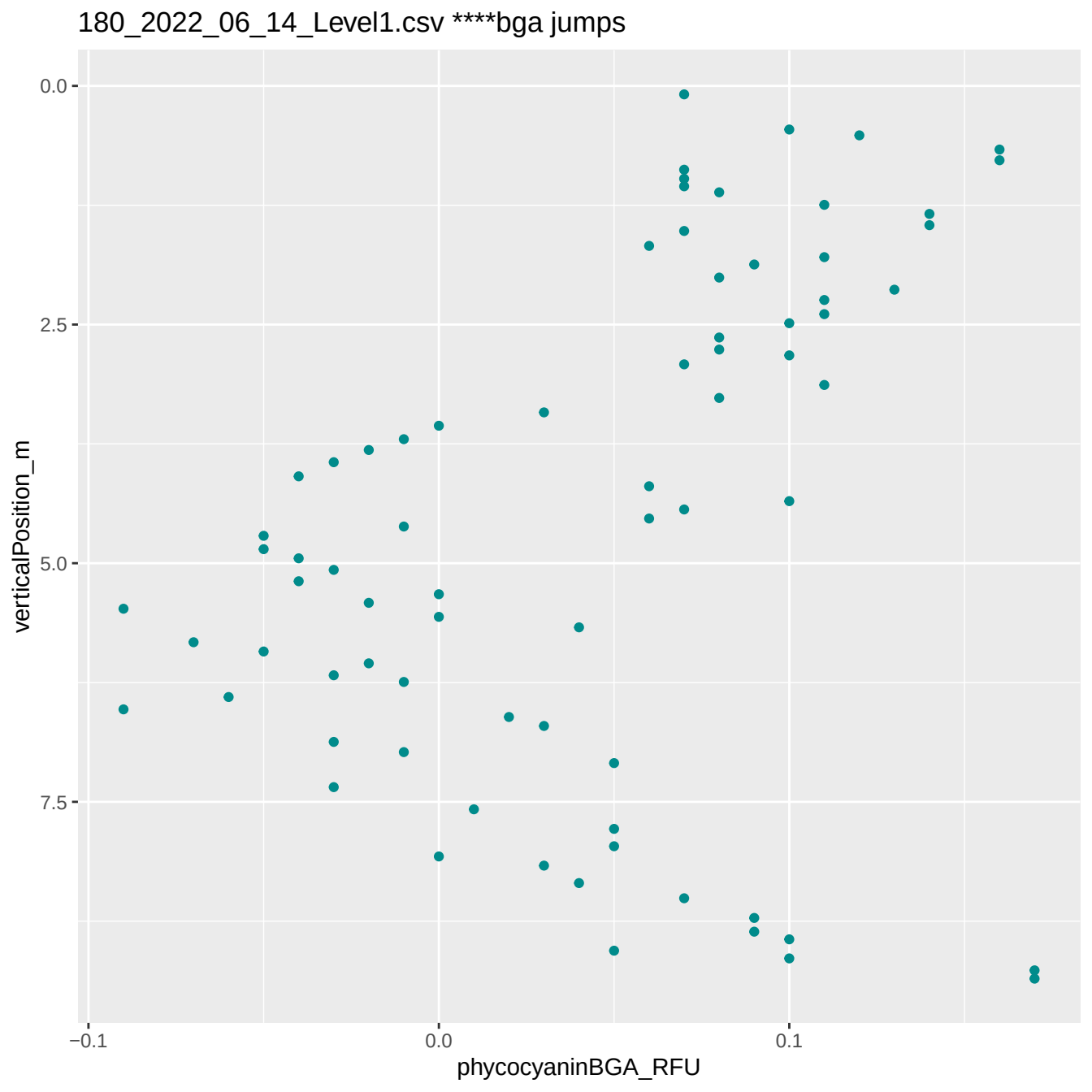

179_2022_08_02_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

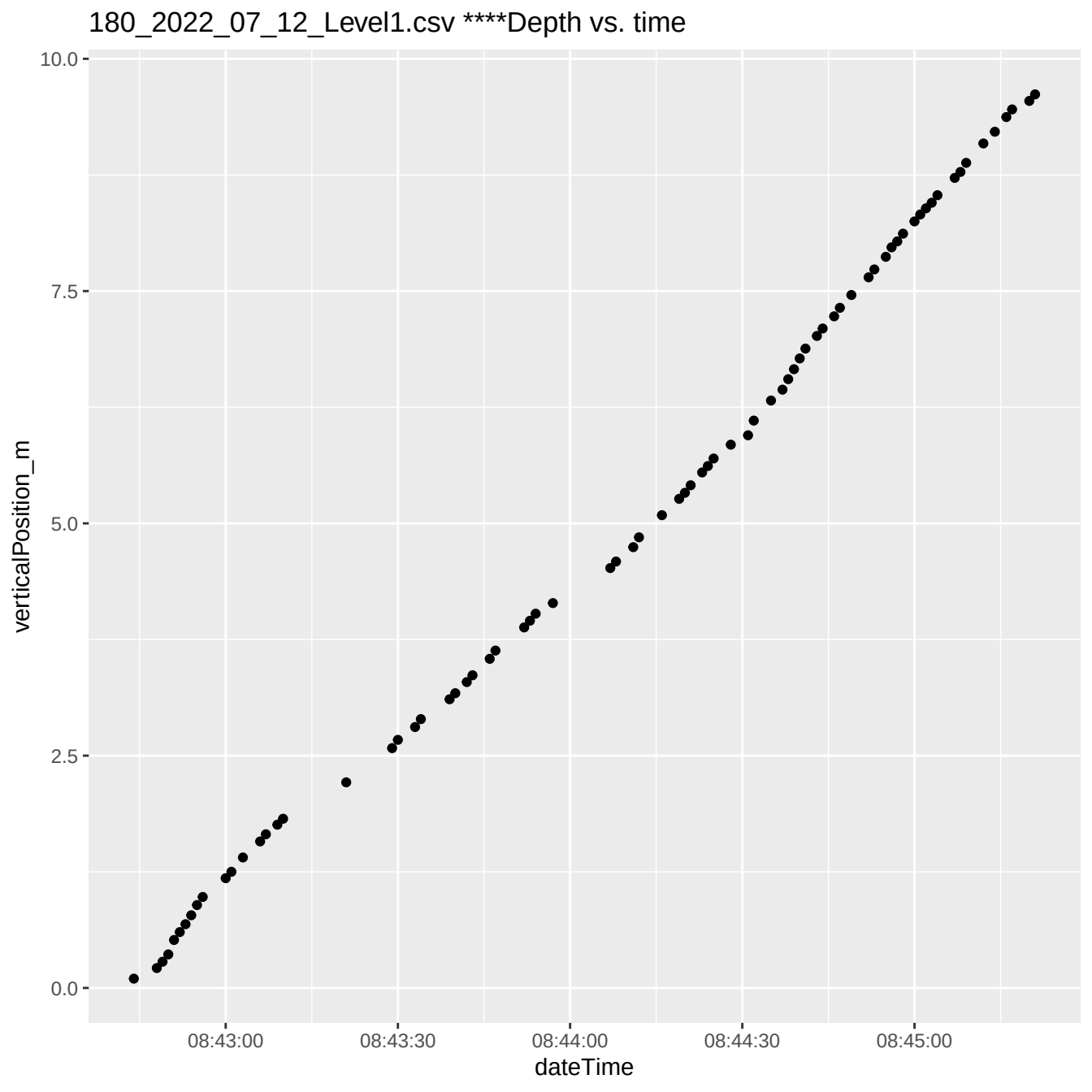

179_2022_08_02_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
15
20
25
temp_degC
flag
FALSE
TRUE

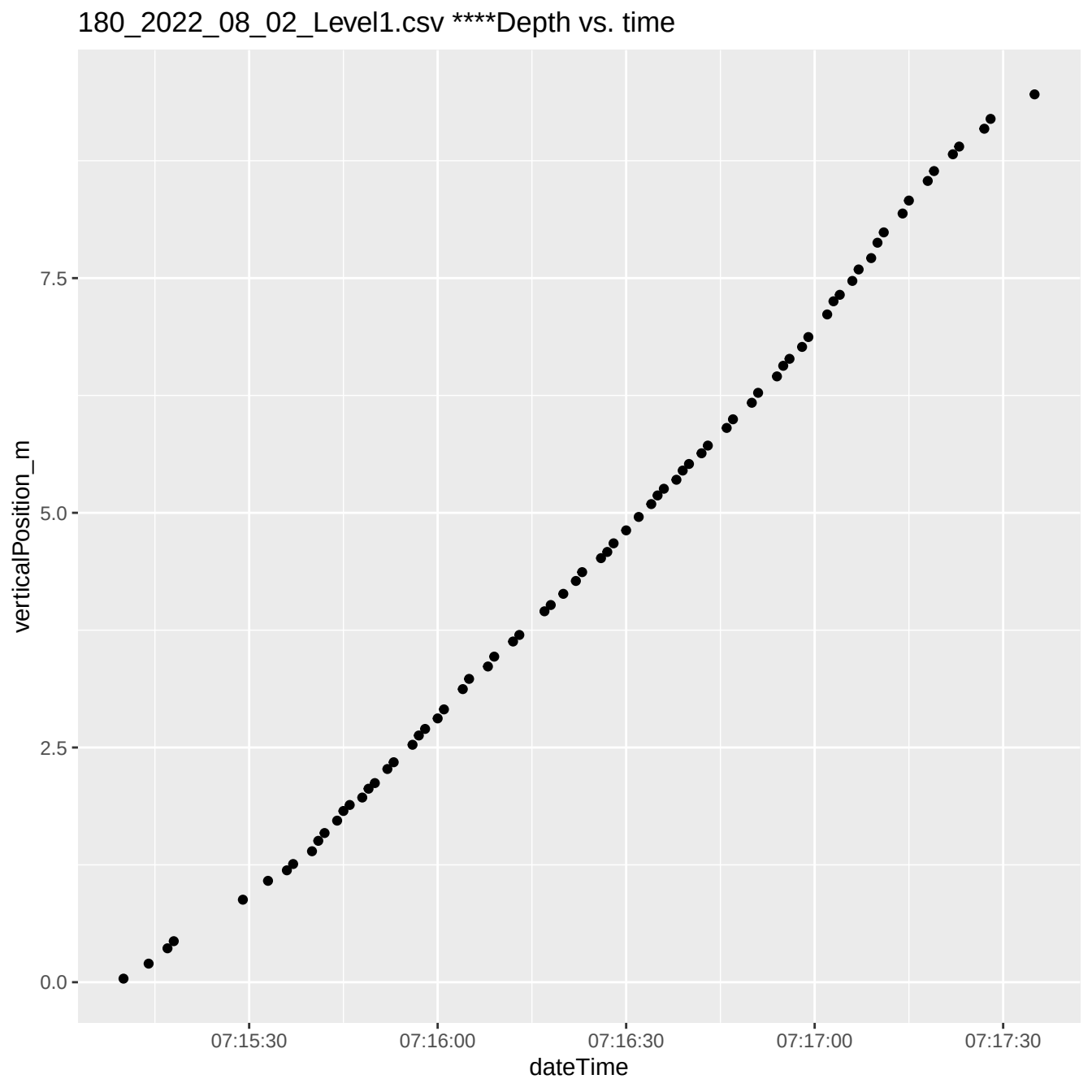

180_2022_05_24_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
09:15:30
09:16:00
09:16:30
09:17:00
09:17:30
dateTime

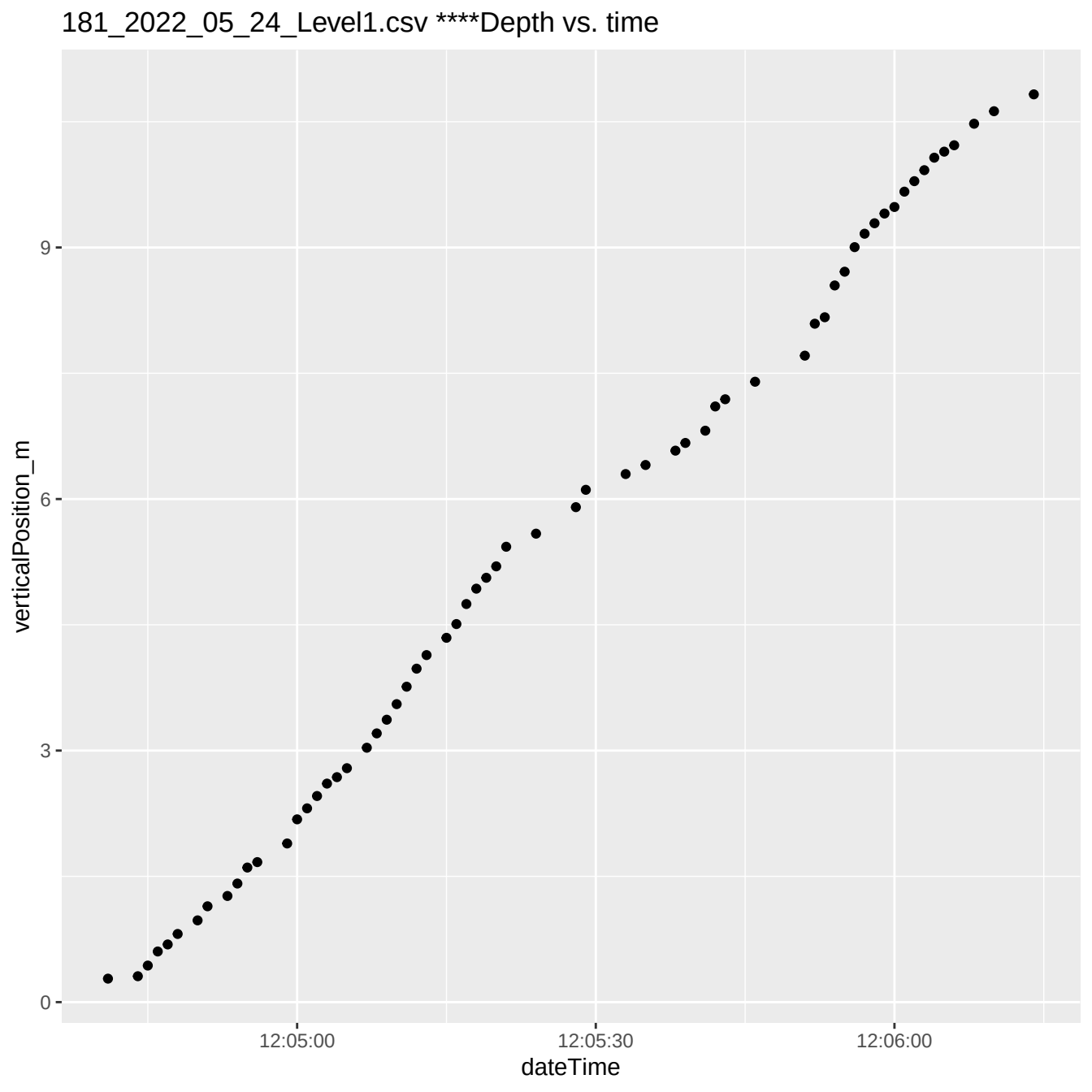

180_2022_05_24_Level1.csv ****bga jumps
0.0
2.5
5.0
7.5
10.0
verticalPosition_m
−0.08
−0.04
0.00
phycocyaninBGA_RFU

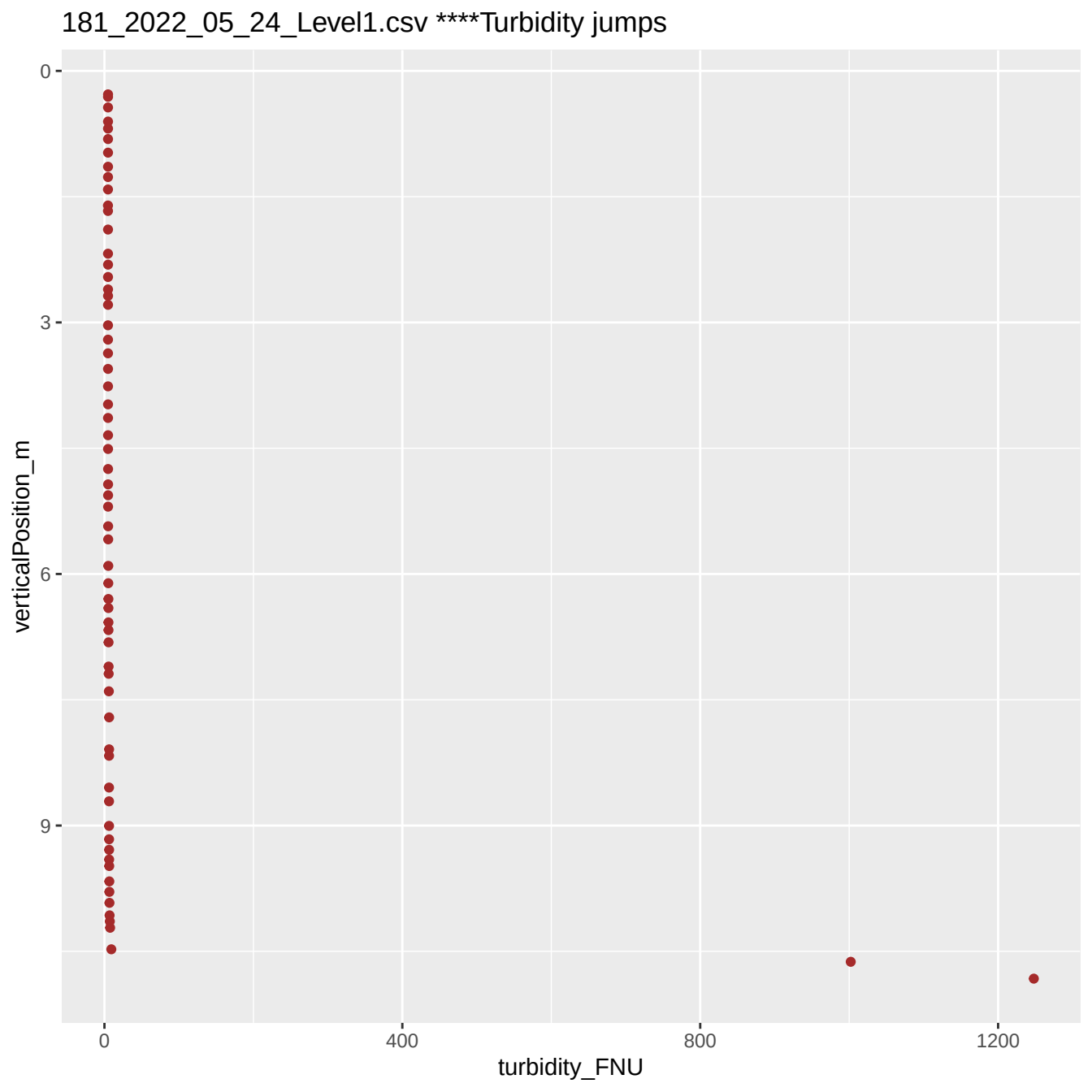

180_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
08:42:30
08:43:00
08:43:30
08:44:00
dateTime

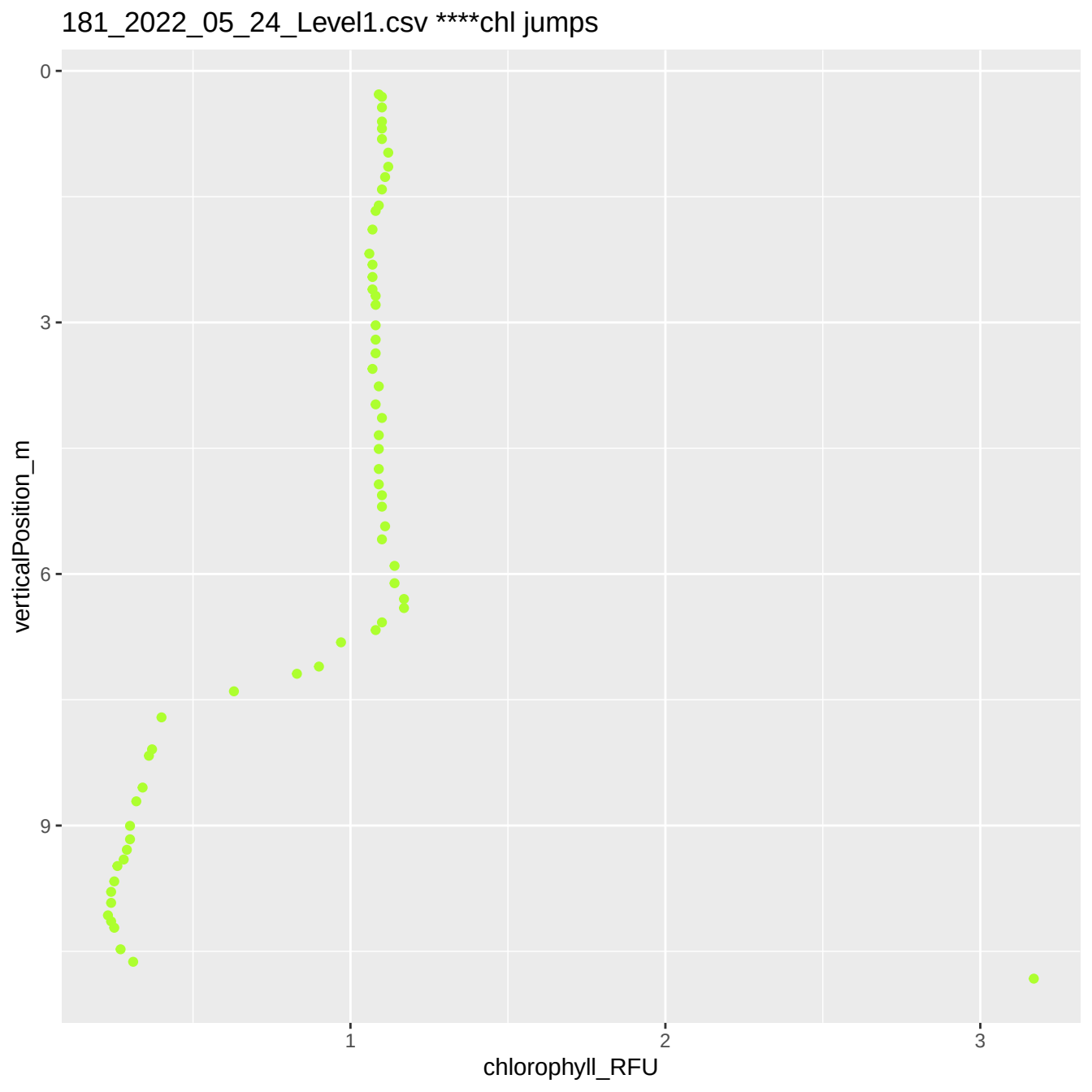

180_2022_06_14_Level1.csv ****bga jumps
0.0
2.5
5.0
7.5
verticalPosition_m
−0.1
0.0
0.1
phycocyaninBGA_RFU

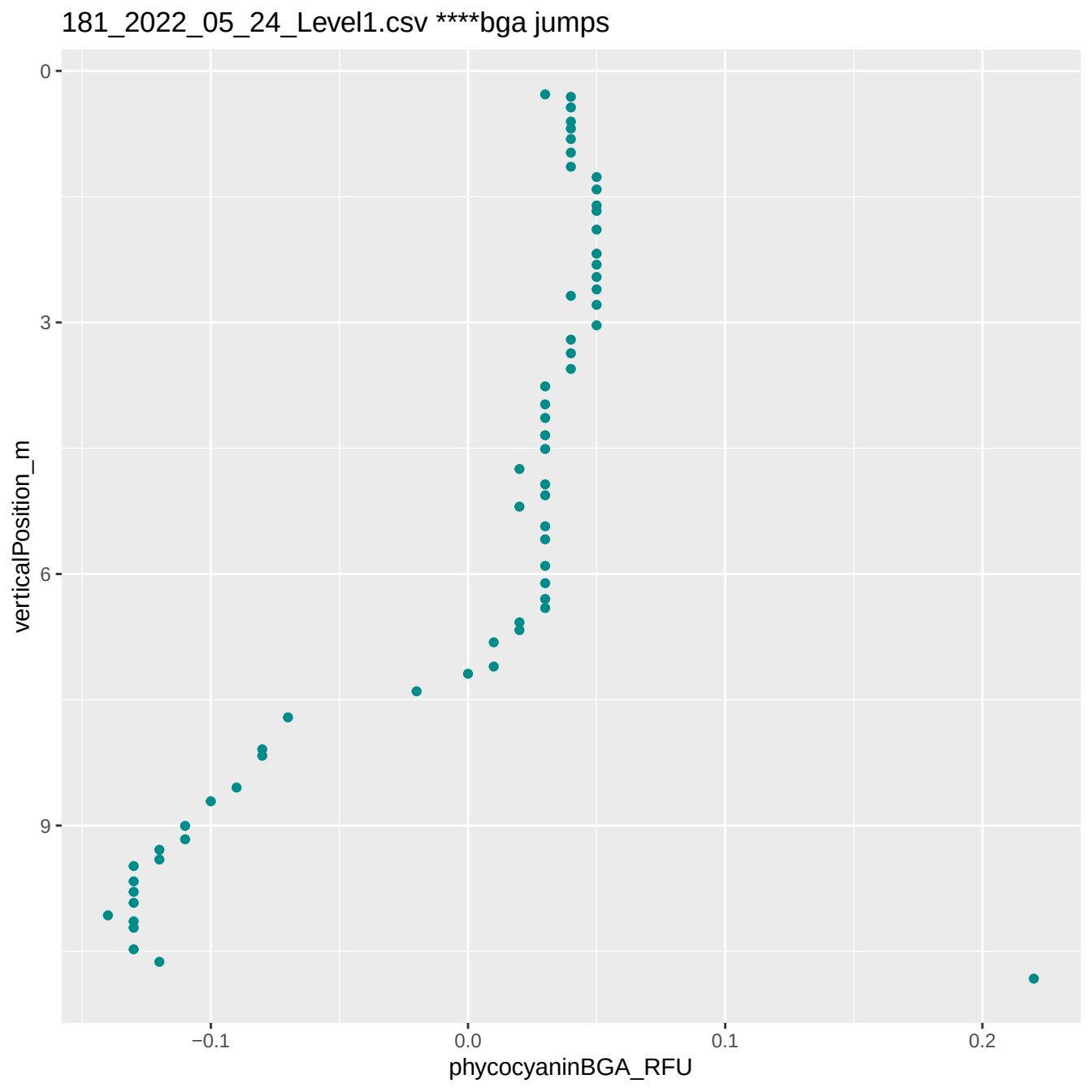

180_2022_07_12_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
08:43:00
08:43:30
08:44:00
08:44:30
08:45:00
dateTime

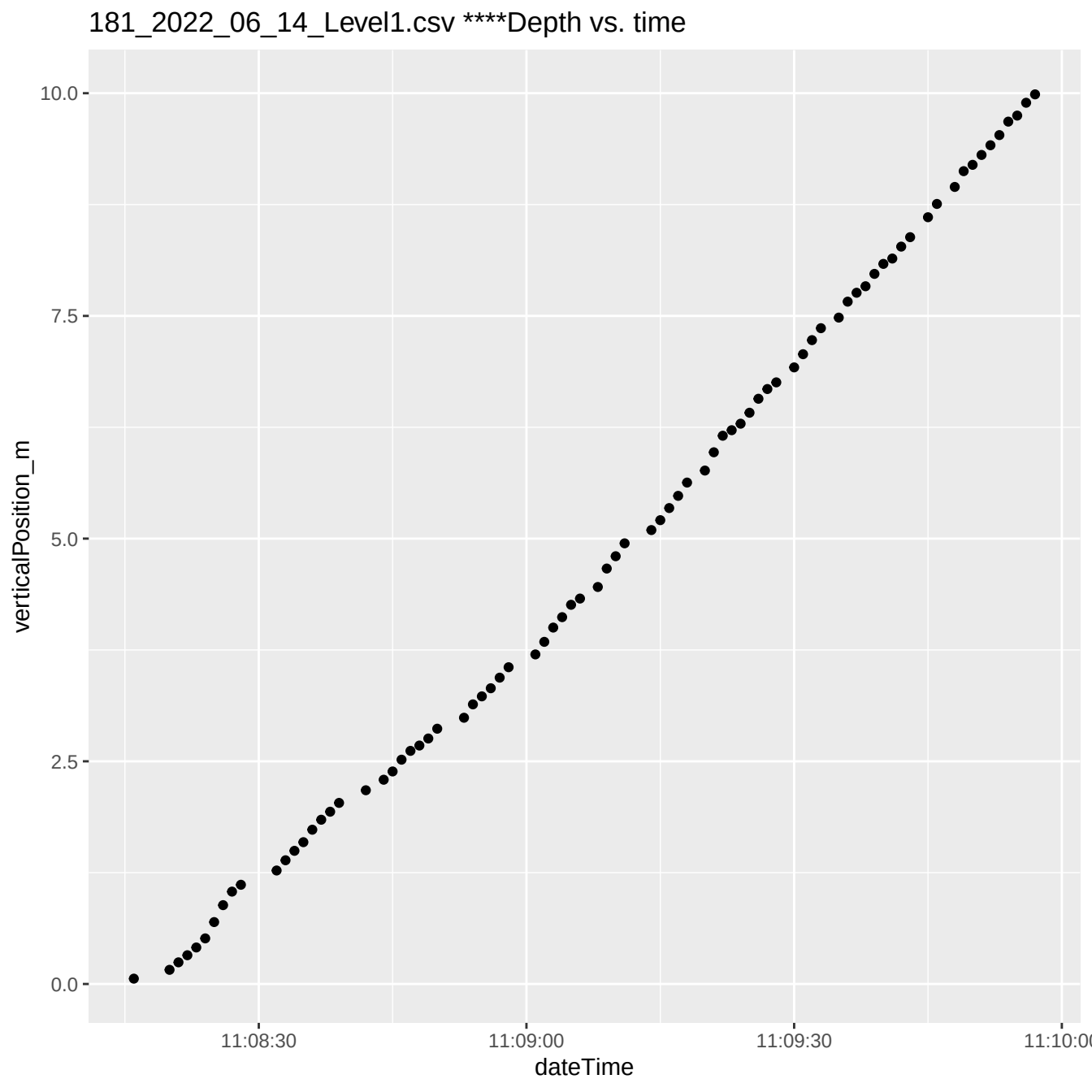

180_2022_08_02_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
07:15:30
07:16:00
07:16:30
07:17:00
07:17:30
dateTime

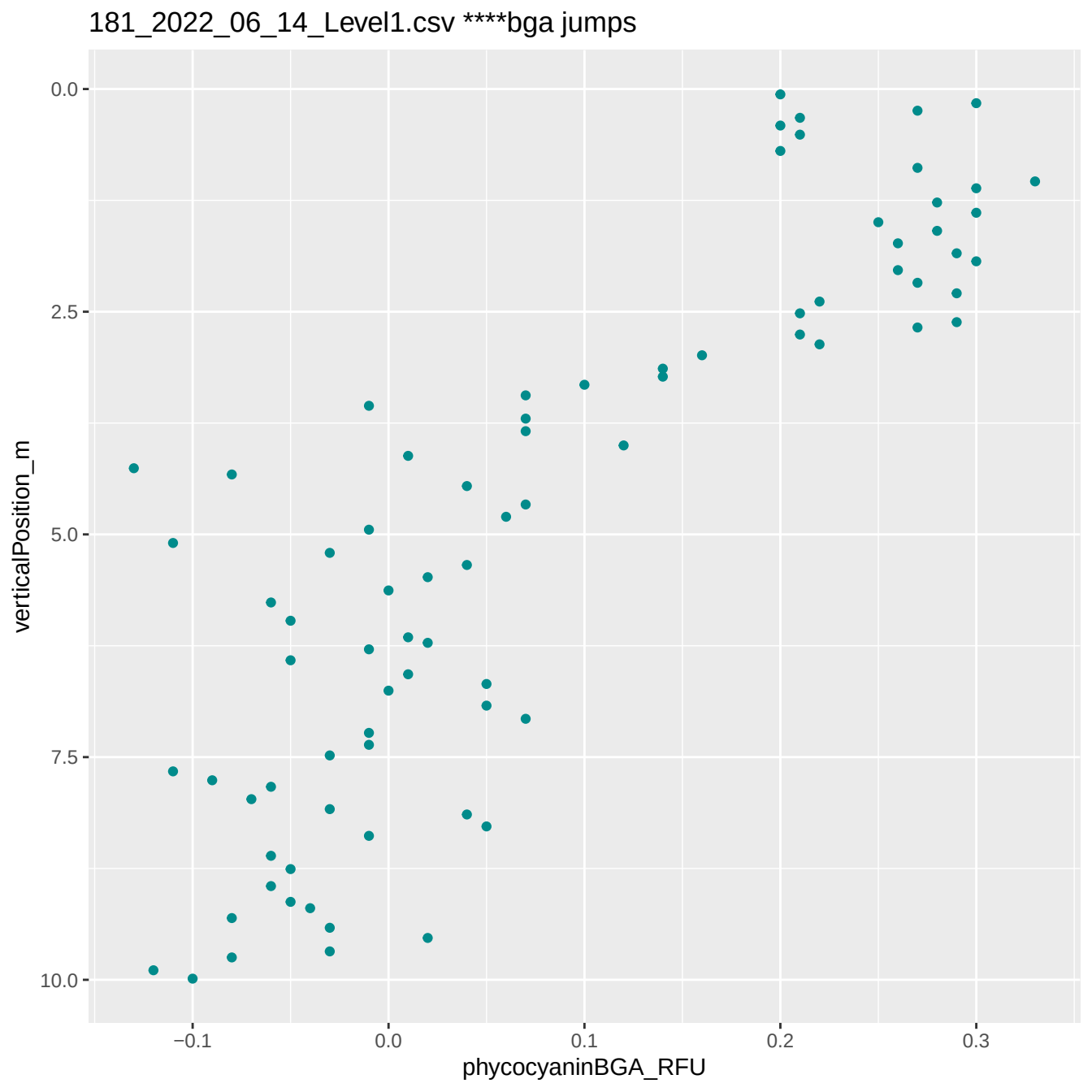

181_2022_05_24_Level1.csv ****Depth vs. time
verticalPosition_m
9
6
3
0
12:05:00
12:05:30
12:06:00
dateTime

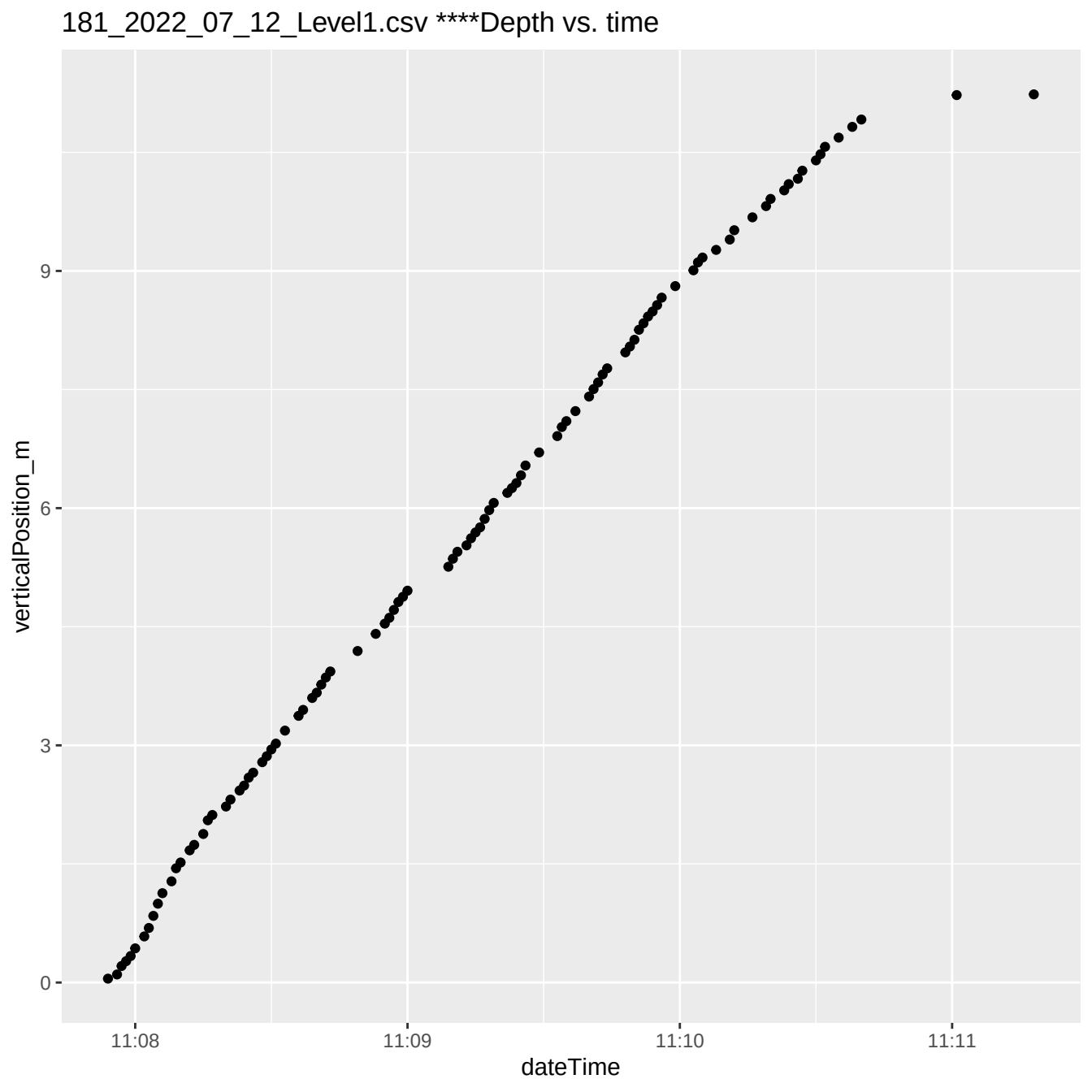

181_2022_05_24_Level1.csv ****Turbidity jumps
0
3
6
9
verticalPosition_m
0
400
800
1200
turbidity_FNU

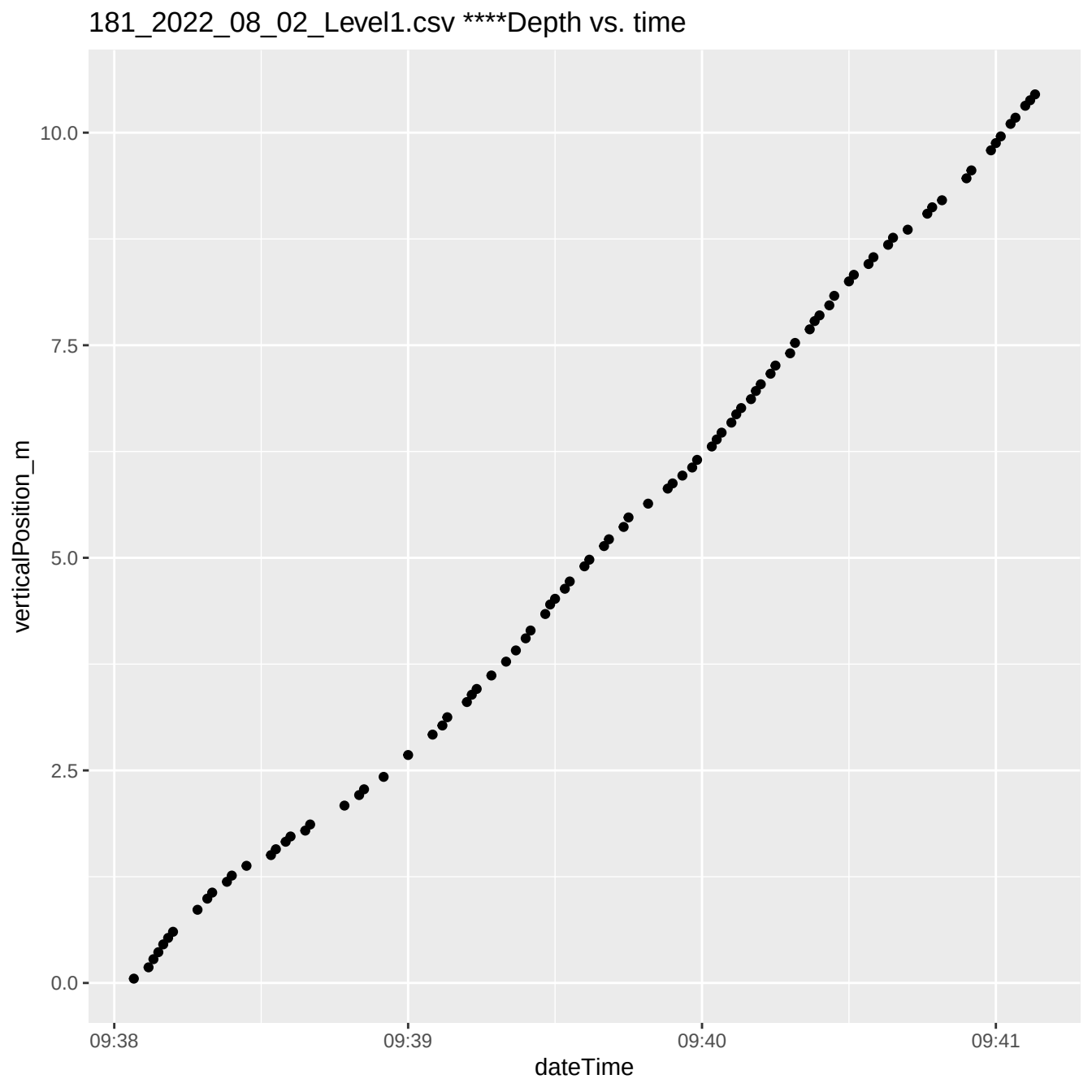

181_2022_05_24_Level1.csv ****chl jumps
verticalPosition_m
0
3
6
9
chlorophyll_RFU
1
2
3

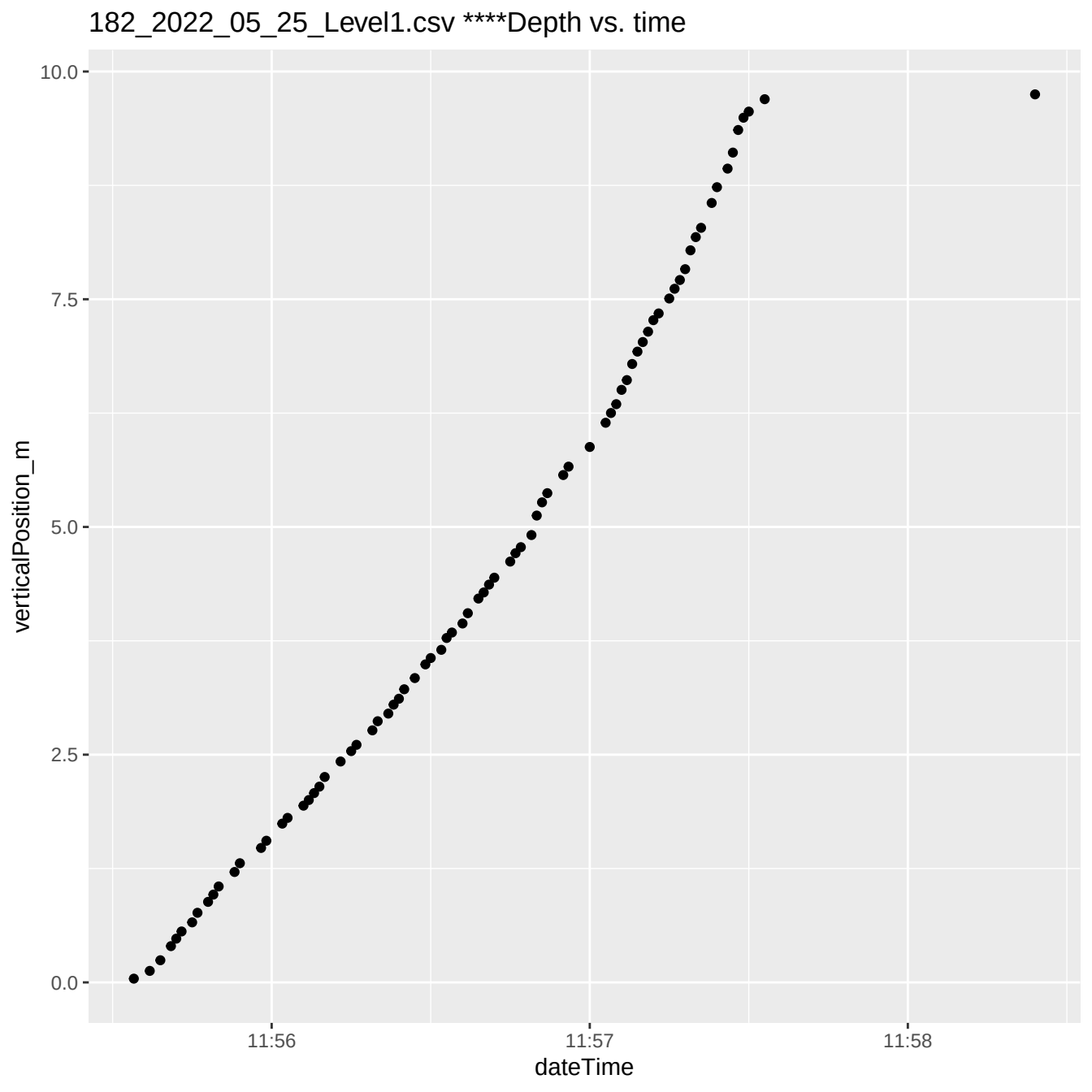

181_2022_05_24_Level1.csv ****bga jumps
verticalPosition_m
0
3
6
9
−0.1
0.0
0.1
0.2
phycocyaninBGA_RFU

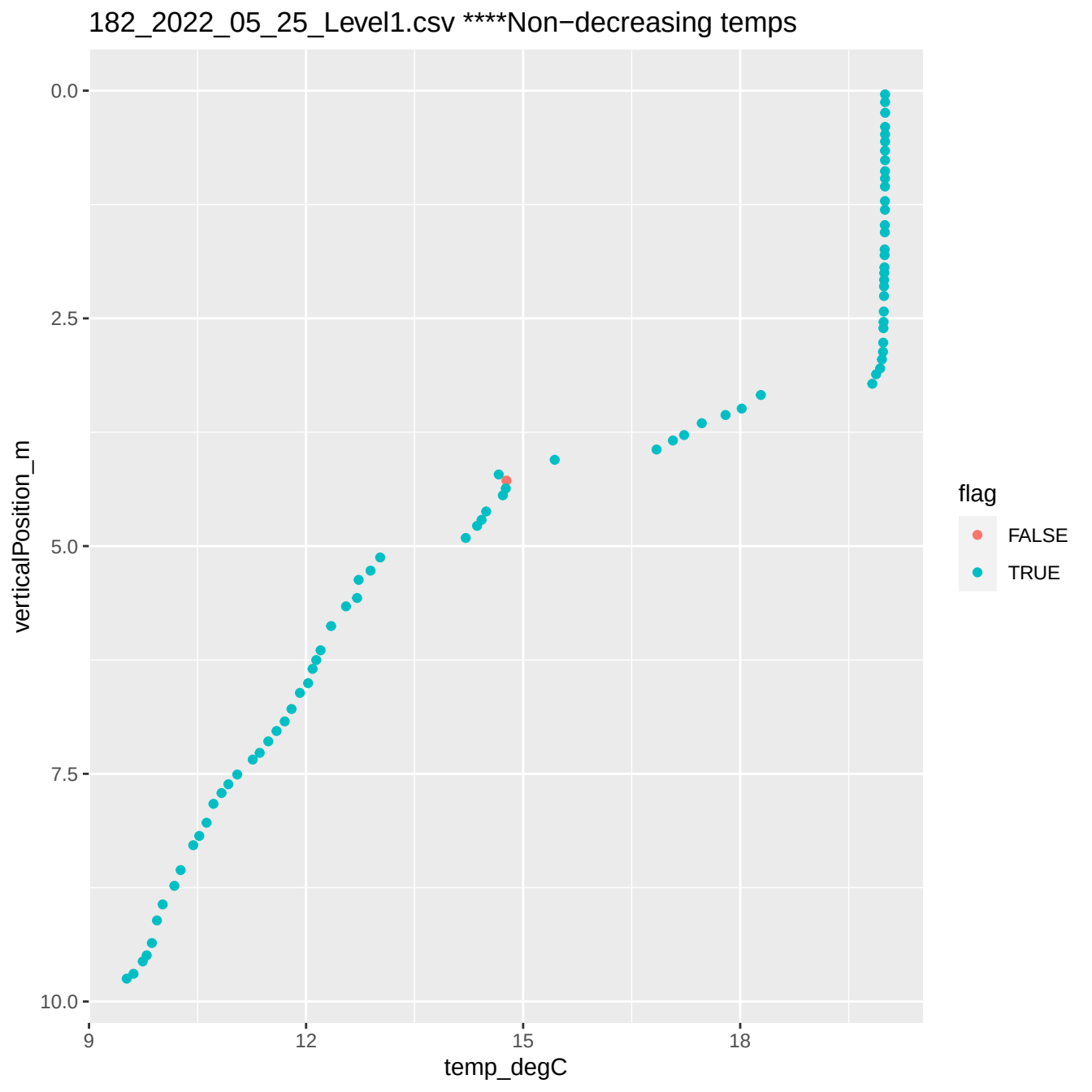

181_2022_06_14_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
11:08:30
11:09:00
11:09:30
dateTime

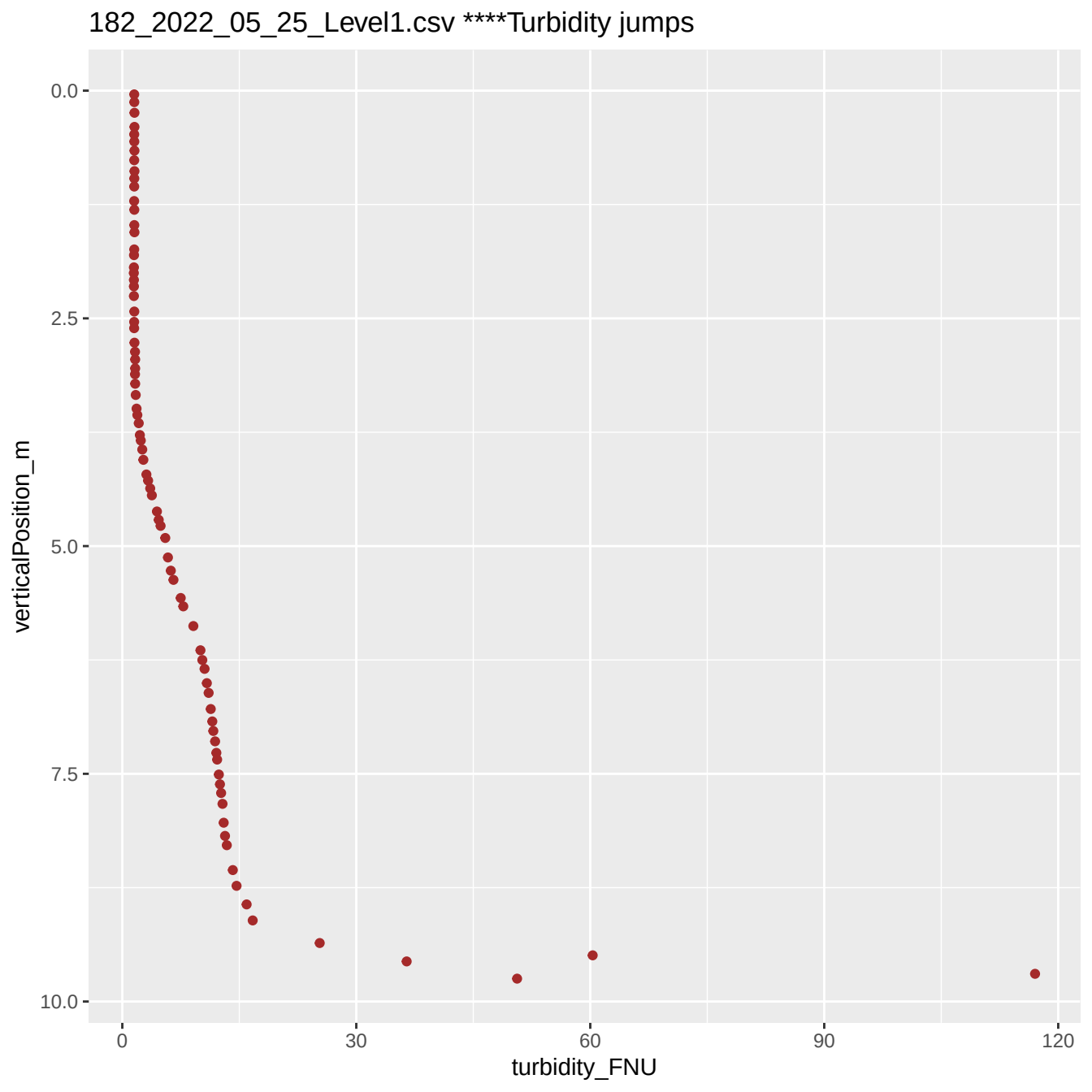

181_2022_06_14_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
−0.1
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

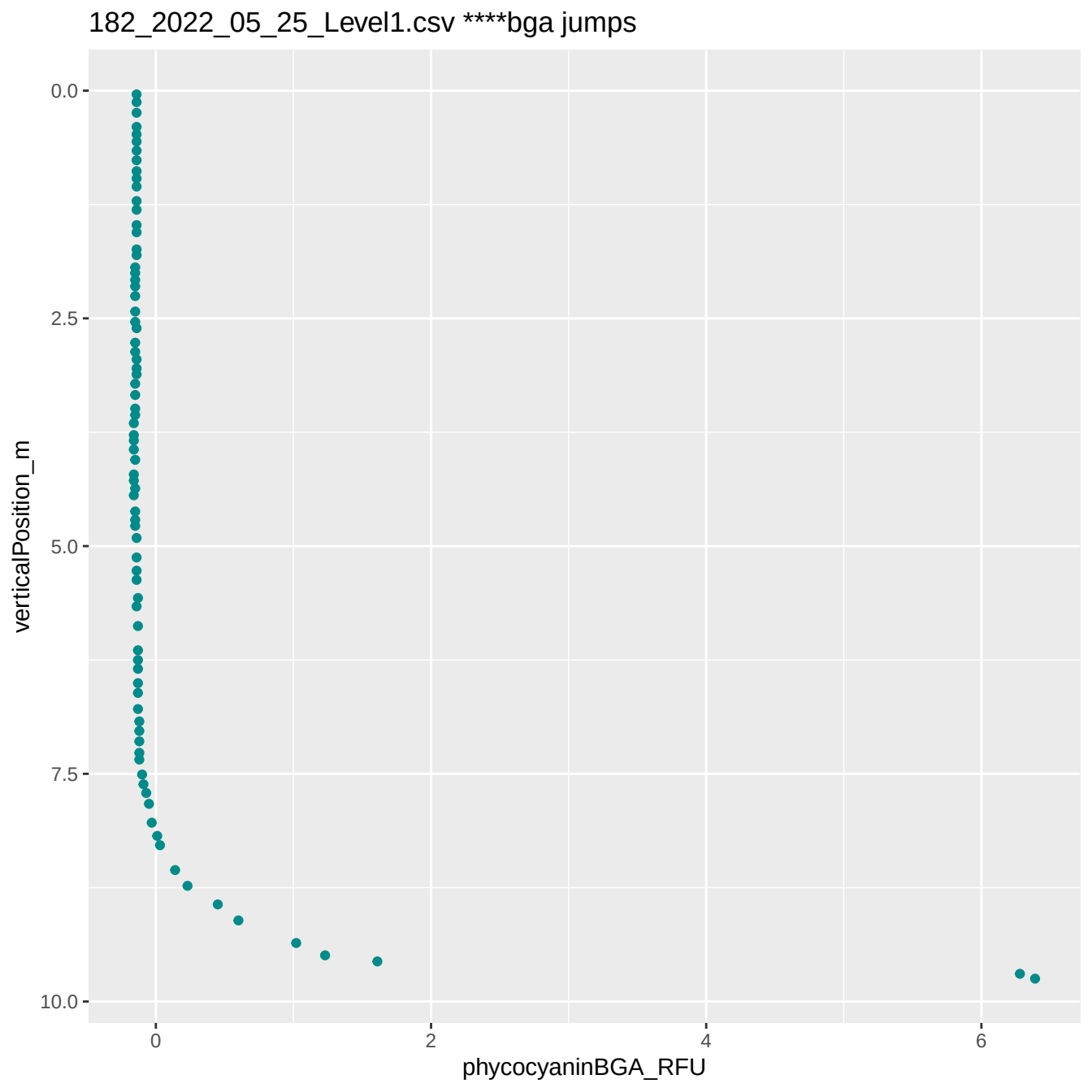

181_2022_07_12_Level1.csv ****Depth vs. time
verticalPosition_m
0
3
6
9
11:08
11:09
11:10
11:11
dateTime

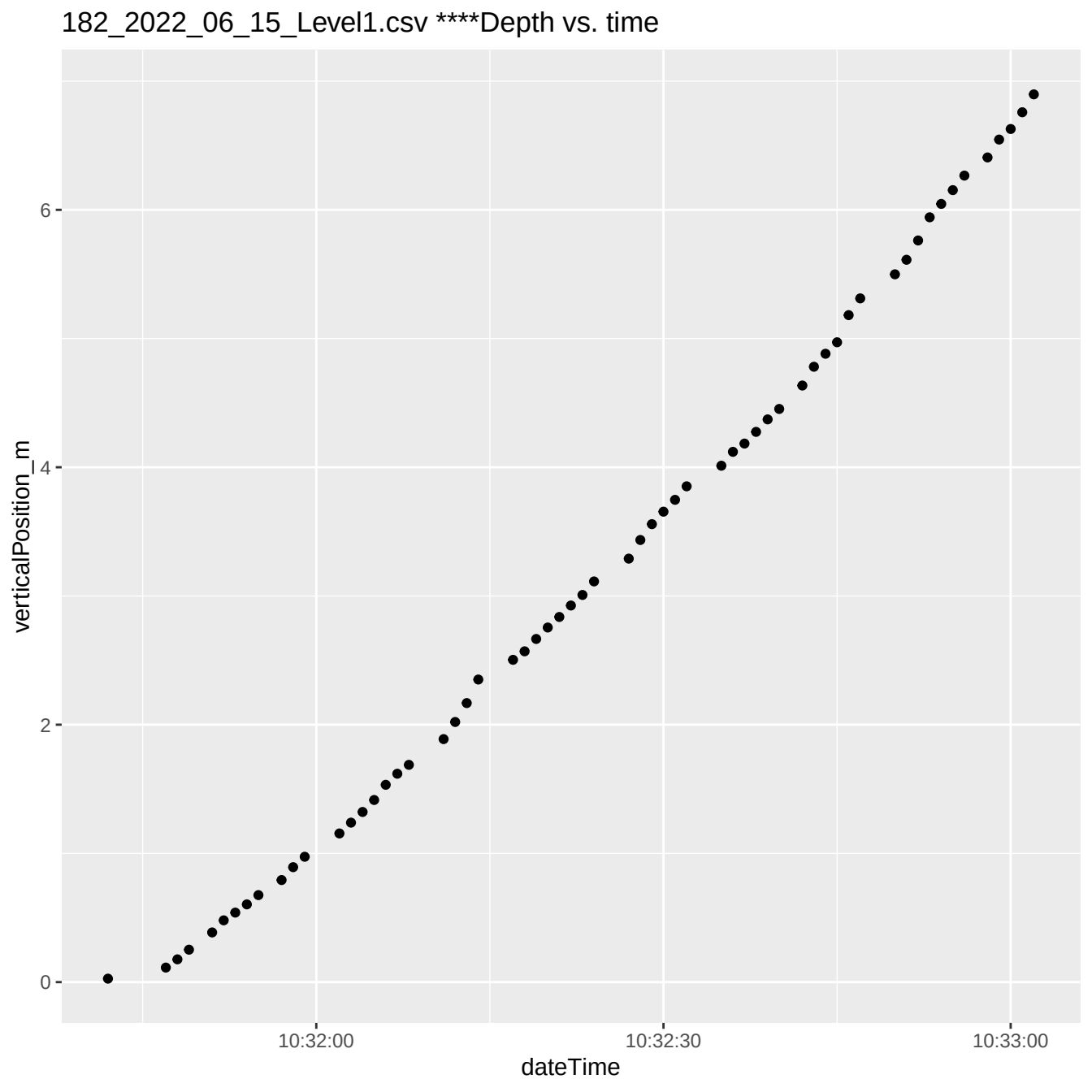

181_2022_08_02_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
09:38
09:39
09:40
09:41
dateTime

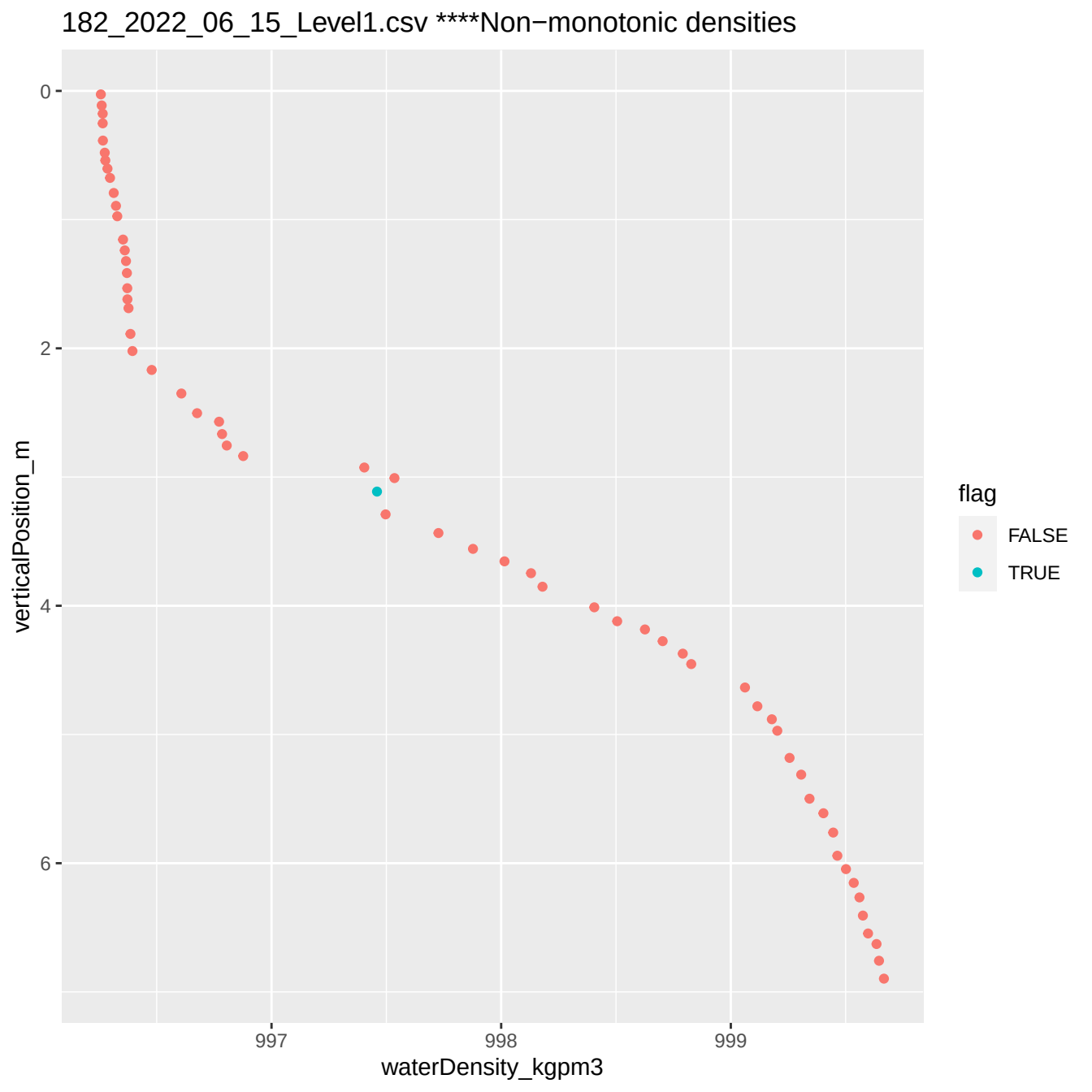

182_2022_05_25_Level1.csv ****Depth vs. time
10.0
7.5
5.0
2.5
0.0
verticalPosition_m
11:56
11:57
11:58
dateTime

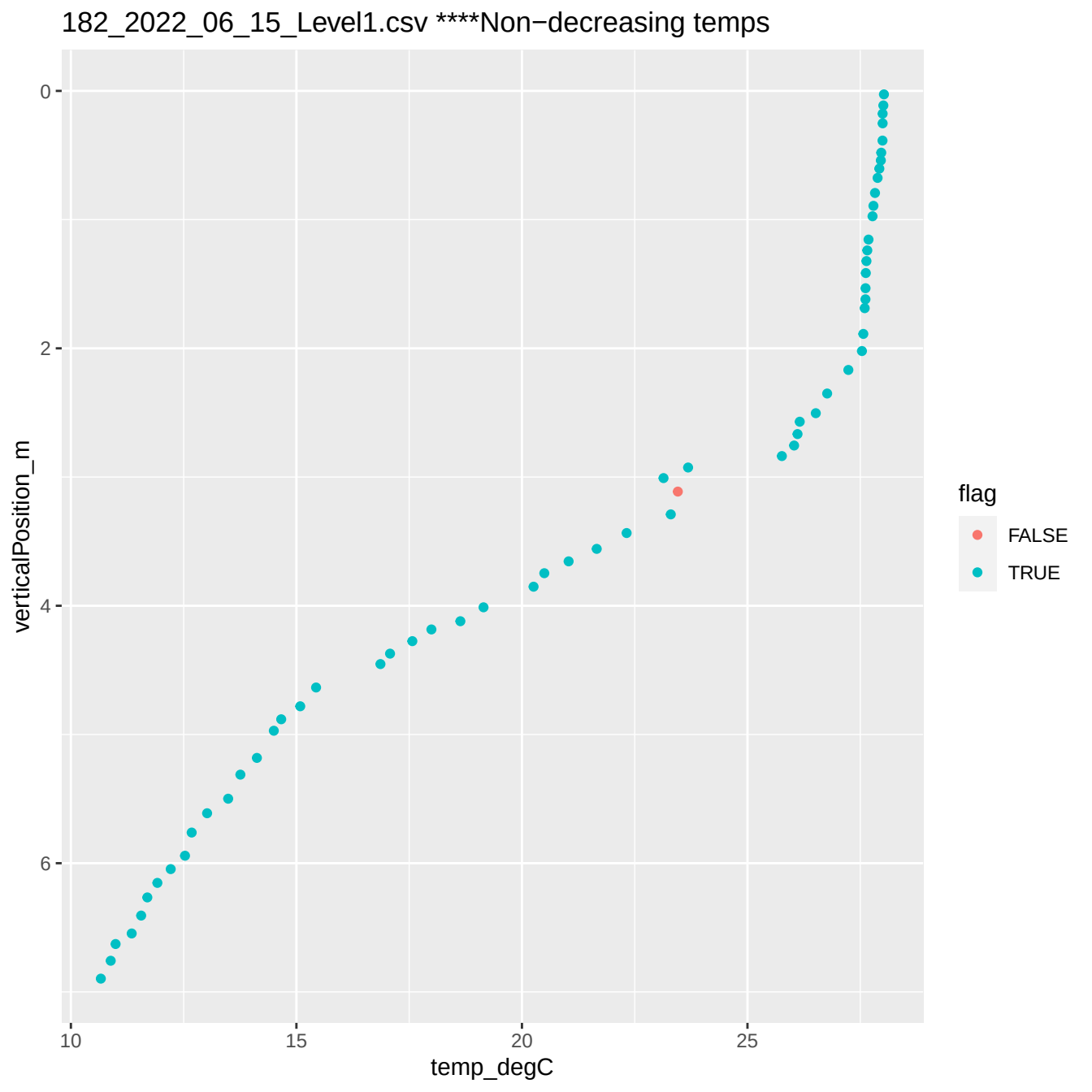

182_2022_05_25_Level1.csv ****Non−decreasing temps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
9
12
15
18
temp_degC
flag
FALSE
TRUE

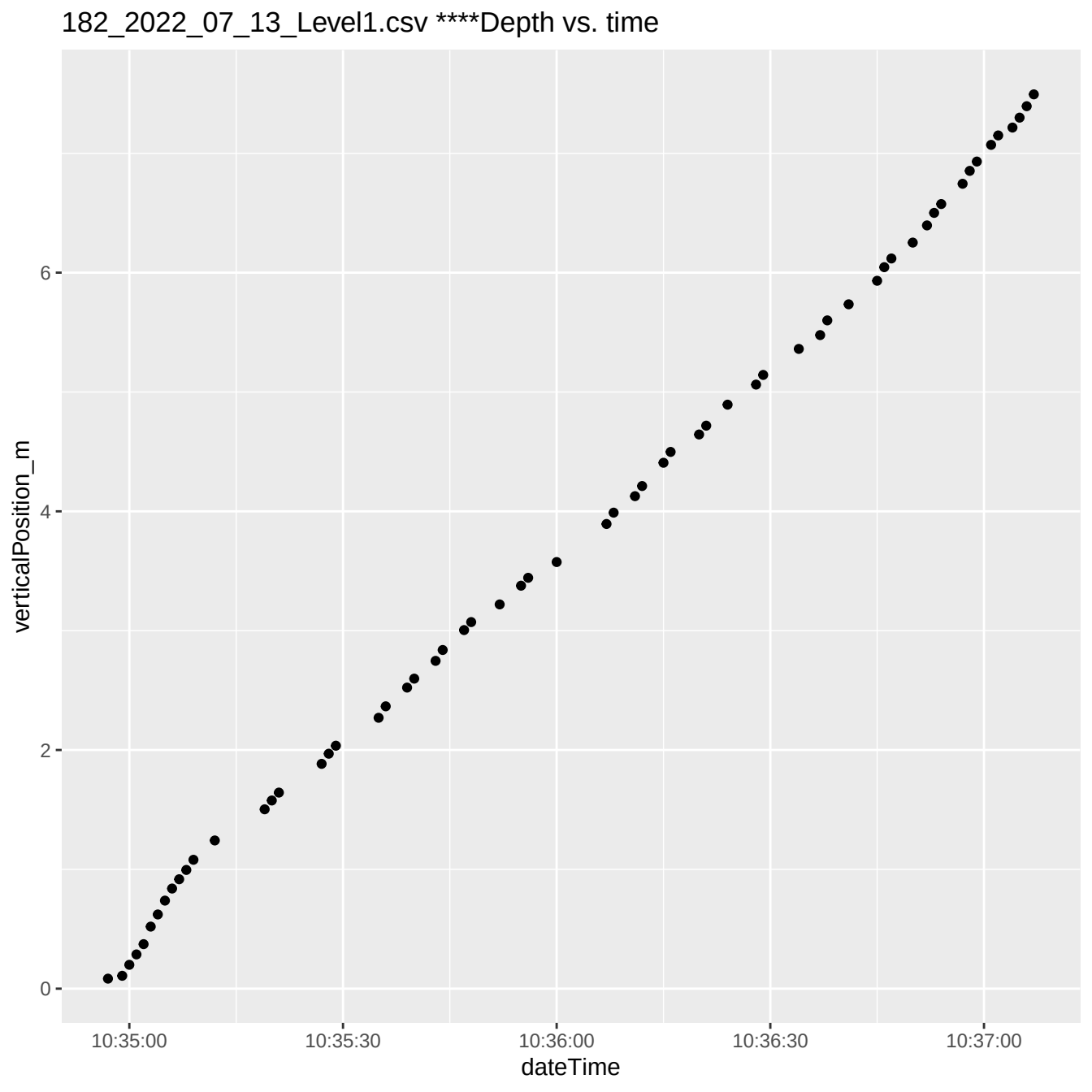

182_2022_05_25_Level1.csv ****Turbidity jumps
verticalPosition_m
0.0
2.5
5.0
7.5
10.0
0
30
60
90
120
turbidity_FNU

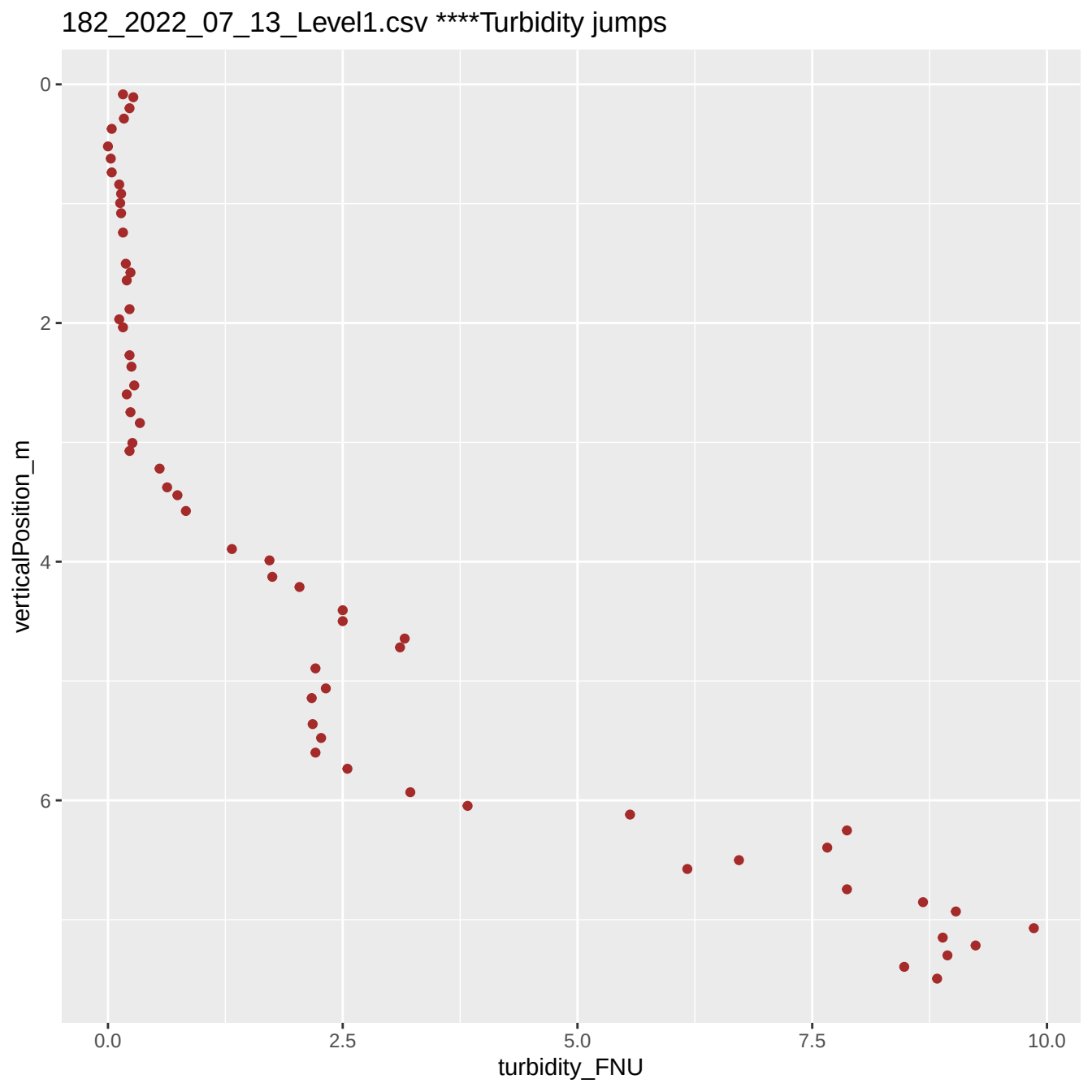

182_2022_05_25_Level1.csv ****bga jumps
0.0
2.5
5.0
7.5
10.0
verticalPosition_m
0
2
4
6
phycocyaninBGA_RFU

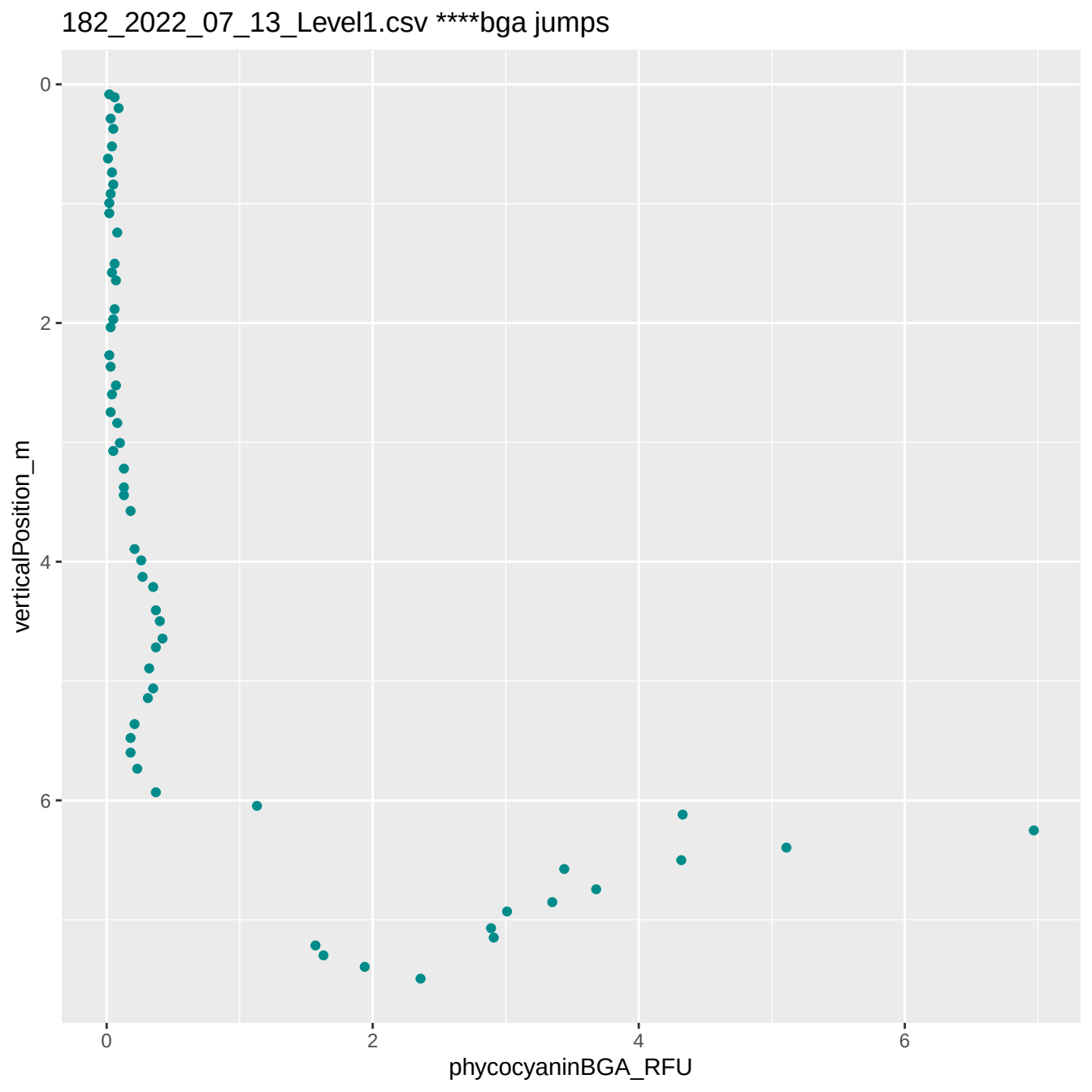

182_2022_06_15_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
10:32:00
10:32:30
10:33:00
dateTime

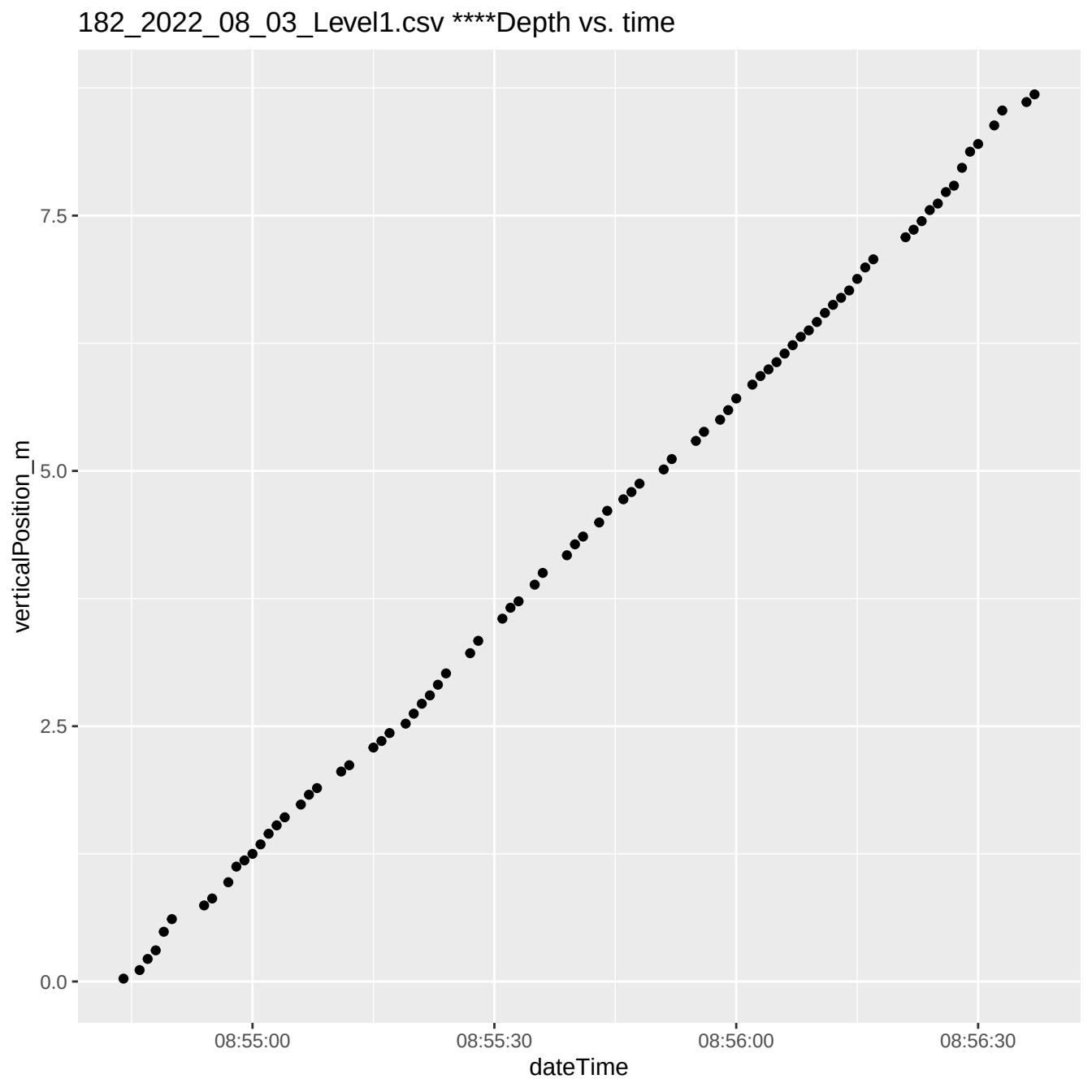

182_2022_06_15_Level1.csv ****Non−monotonic densities
0
2
4
6
verticalPosition_m
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

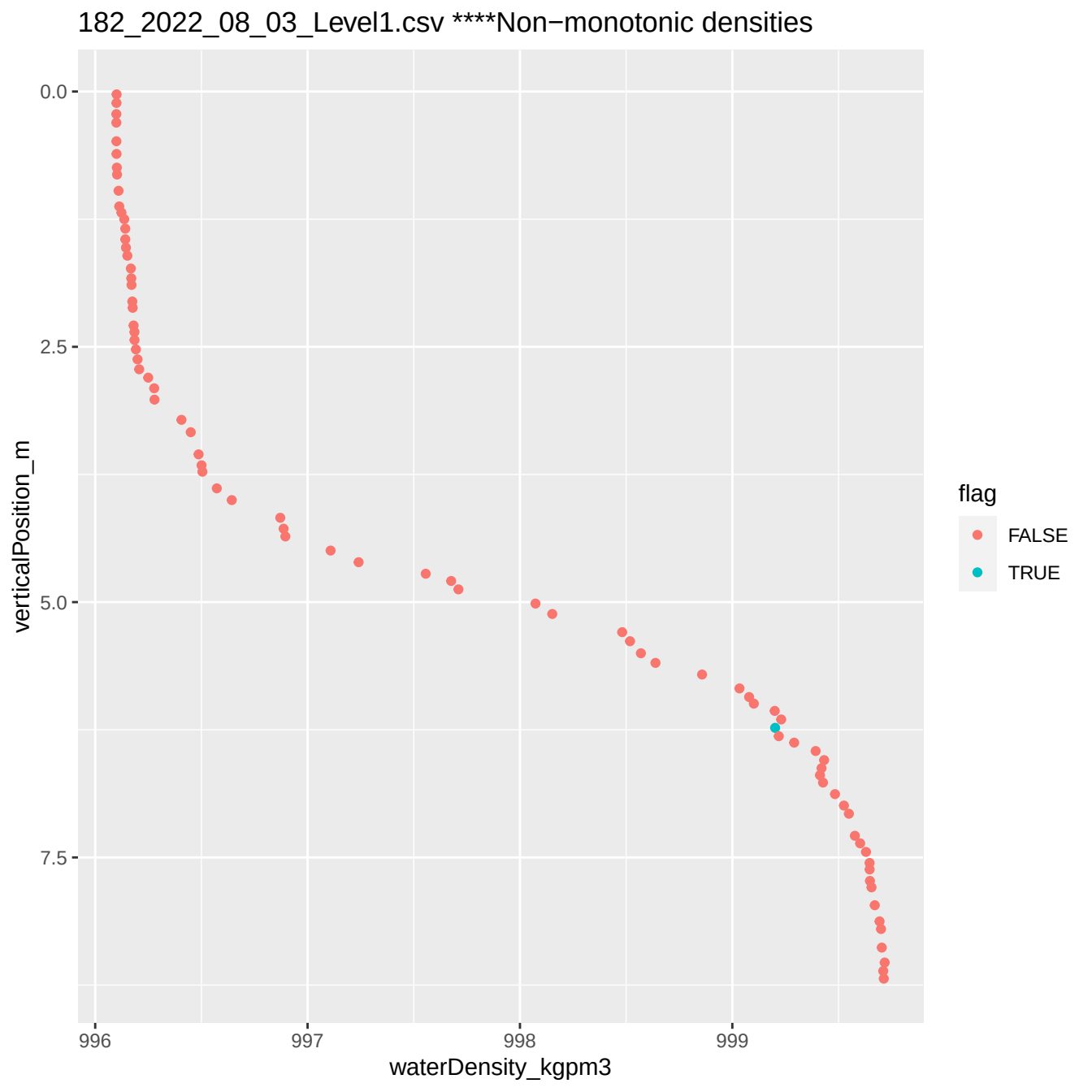

182_2022_06_15_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
10
15
20
25
flag
FALSE
TRUE

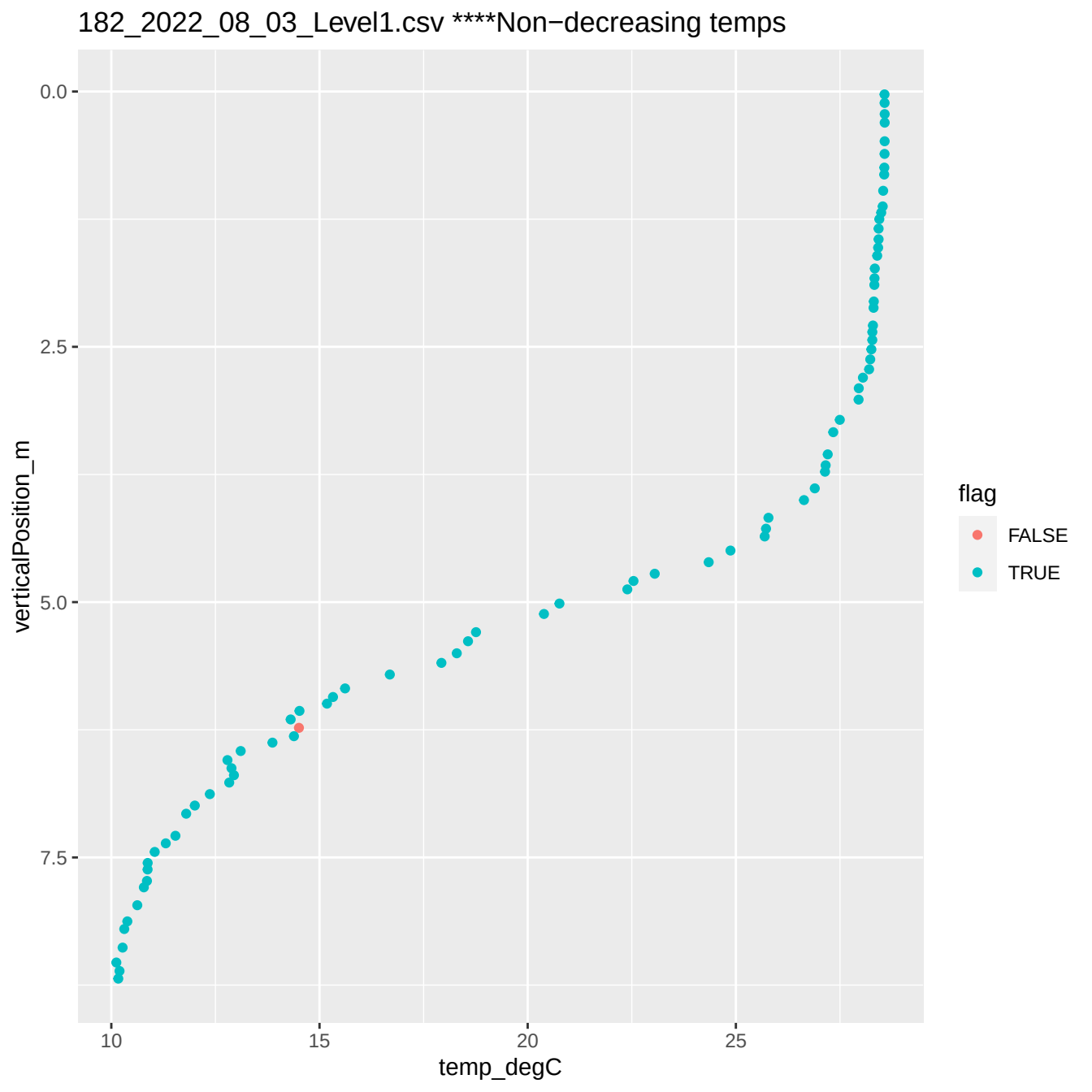

182_2022_07_13_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
10:35:00
10:35:30
10:36:00
10:36:30
10:37:00
dateTime

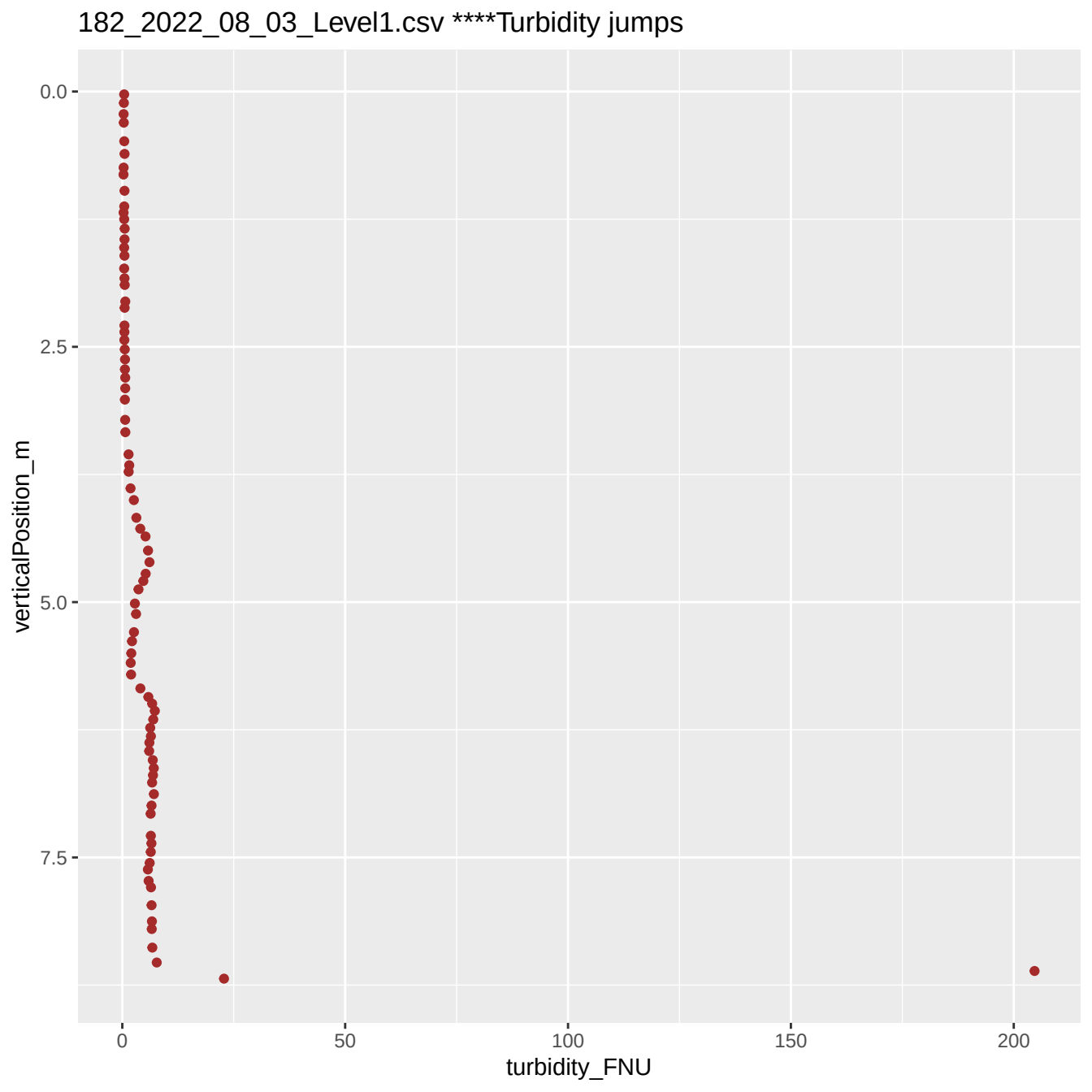

182_2022_07_13_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
turbidity_FNU
0.0
2.5
5.0
7.5
10.0

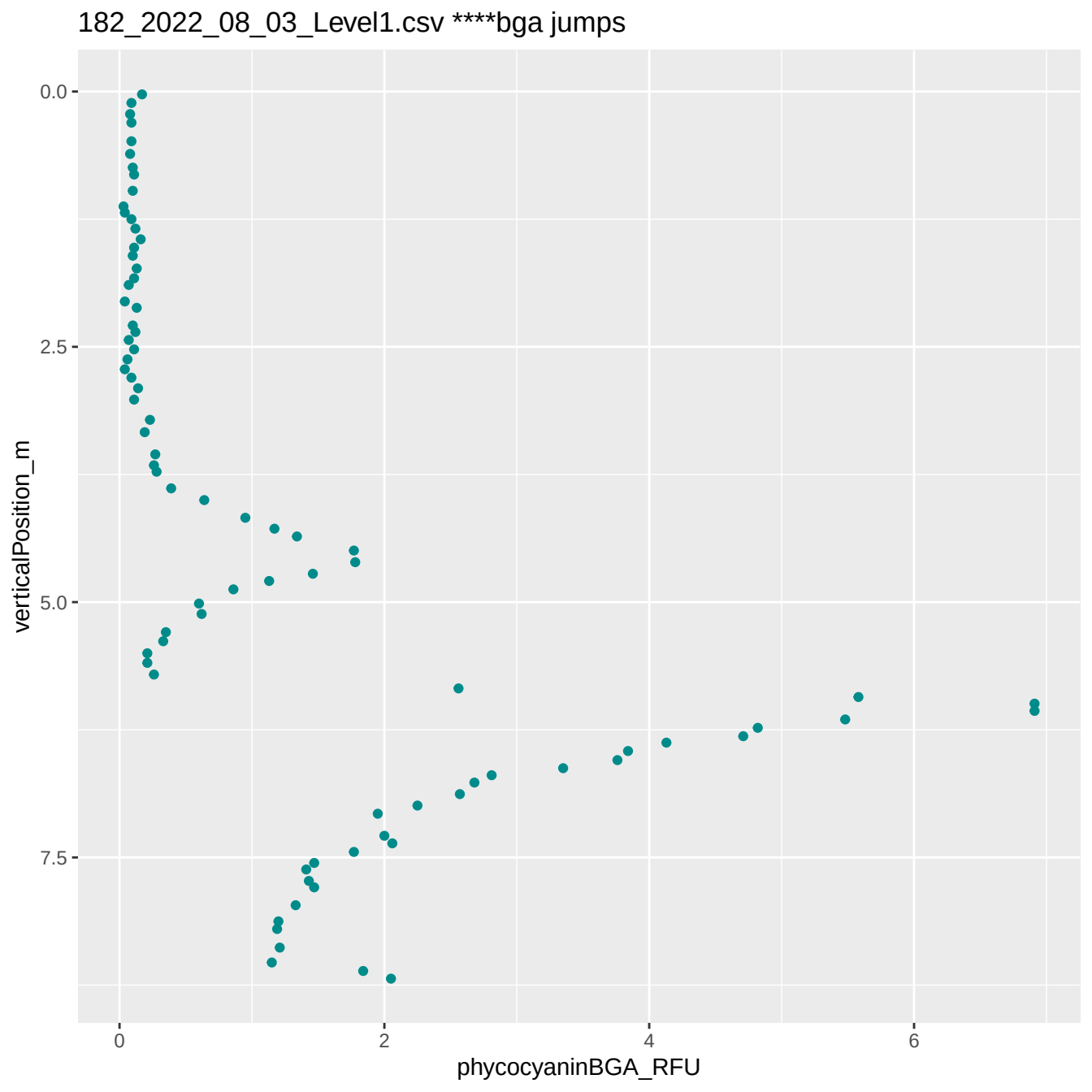

182_2022_07_13_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0
2
4
6
phycocyaninBGA_RFU

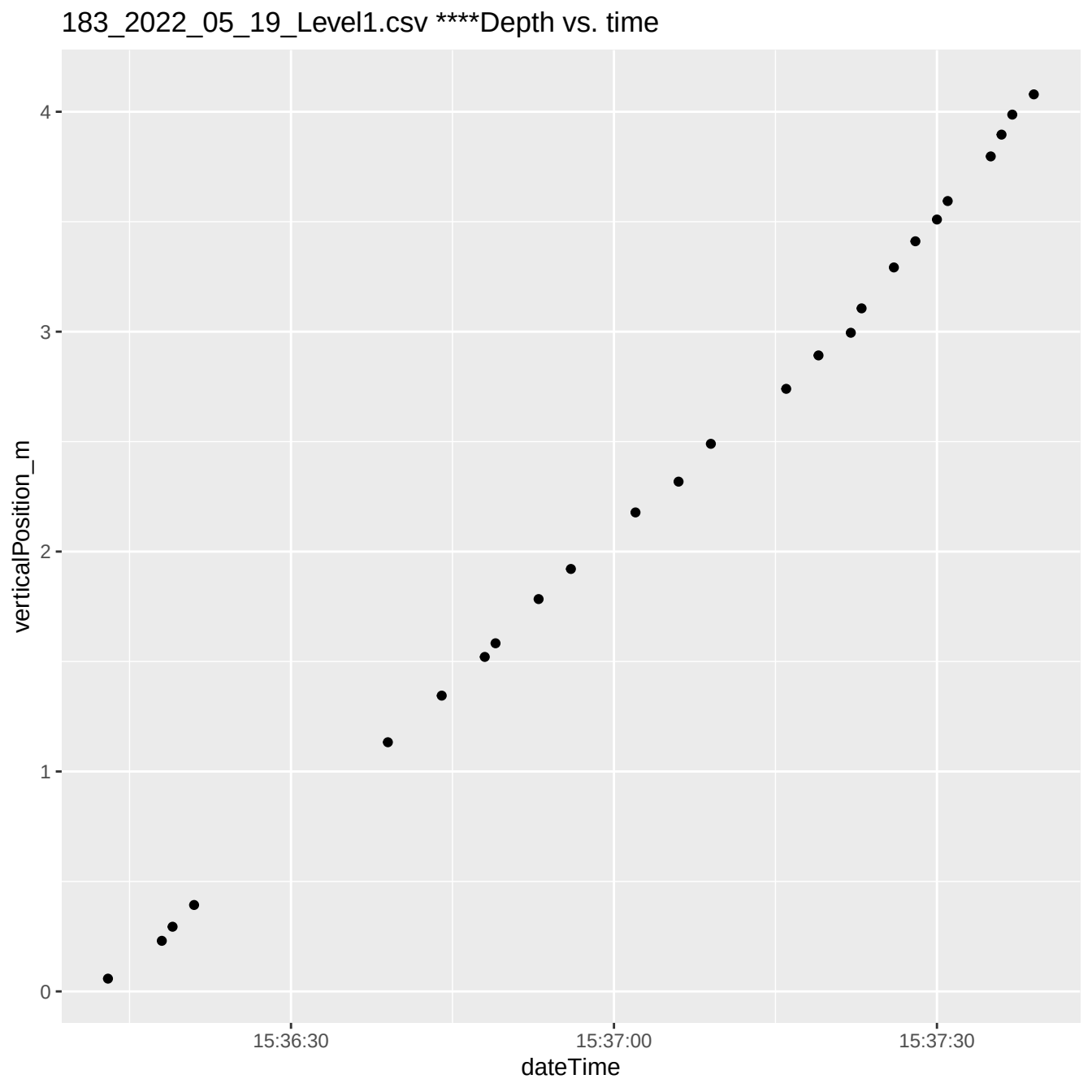

182_2022_08_03_Level1.csv ****Depth vs. time
verticalPosition_m
7.5
5.0
2.5
0.0
08:55:00
08:55:30
08:56:00
08:56:30
dateTime

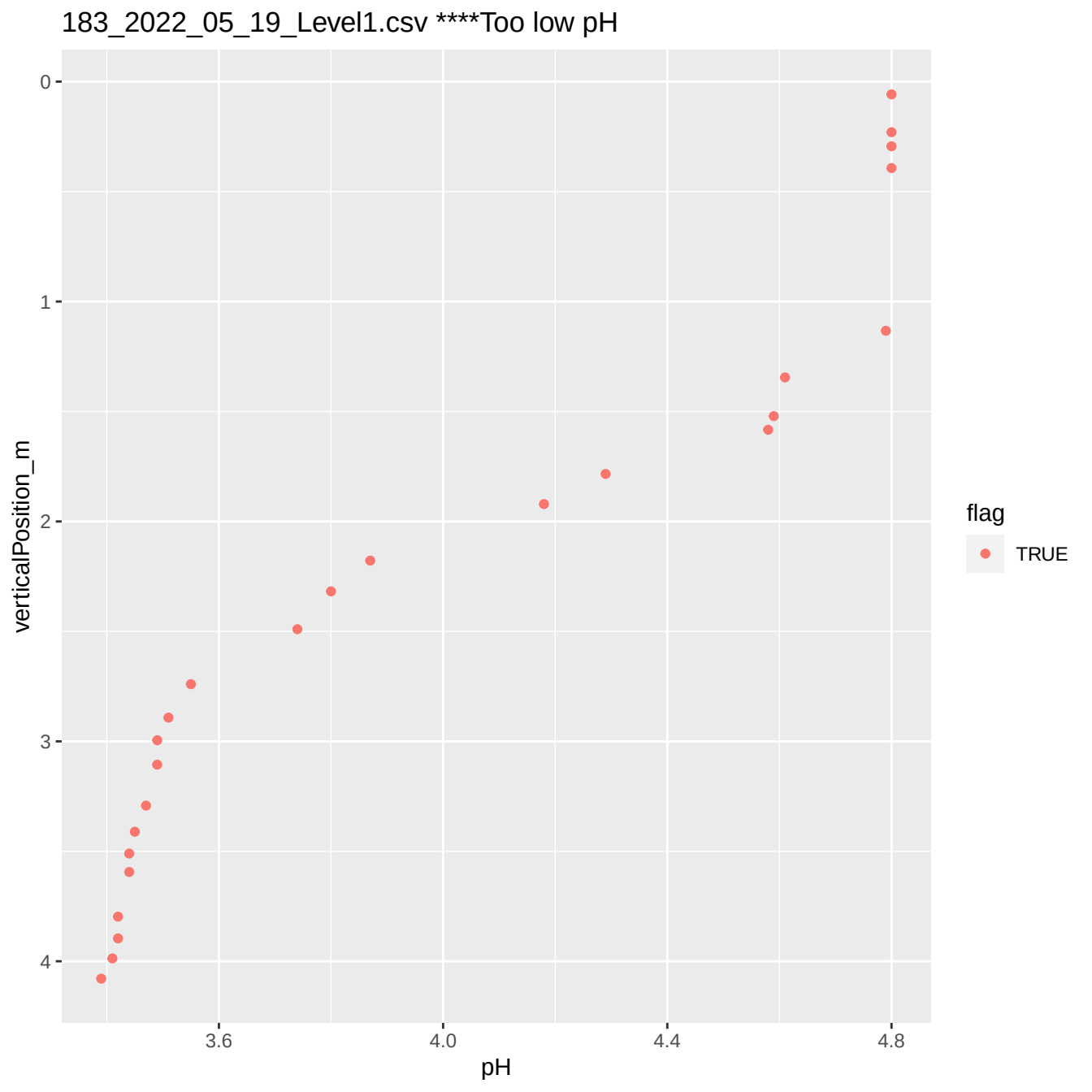

182_2022_08_03_Level1.csv ****Non−monotonic densities
0.0
2.5
5.0
7.5
verticalPosition_m
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

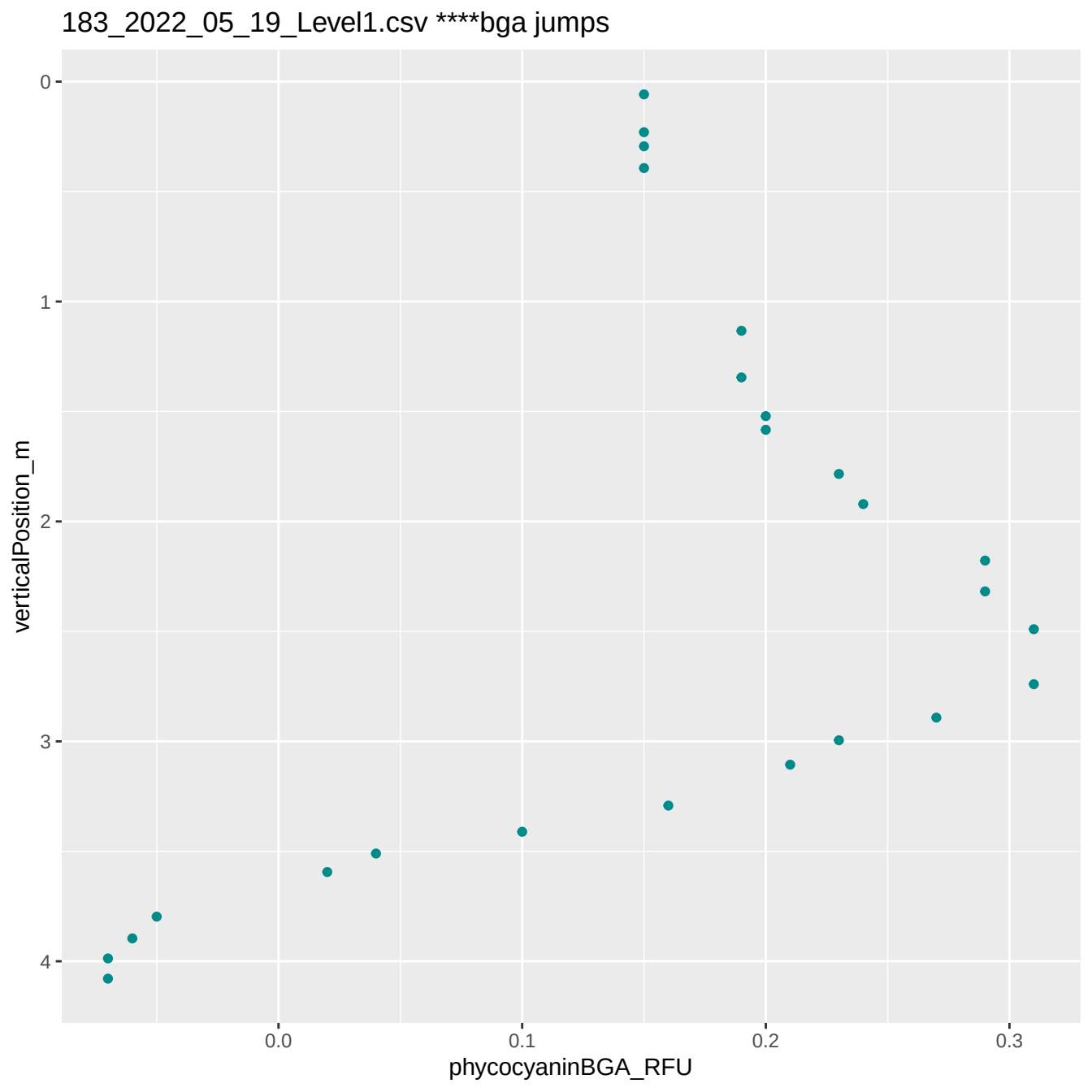

182_2022_08_03_Level1.csv ****Non−decreasing temps
verticalPosition_m
0.0
2.5
5.0
7.5
10
15
20
25
temp_degC
flag
FALSE
TRUE

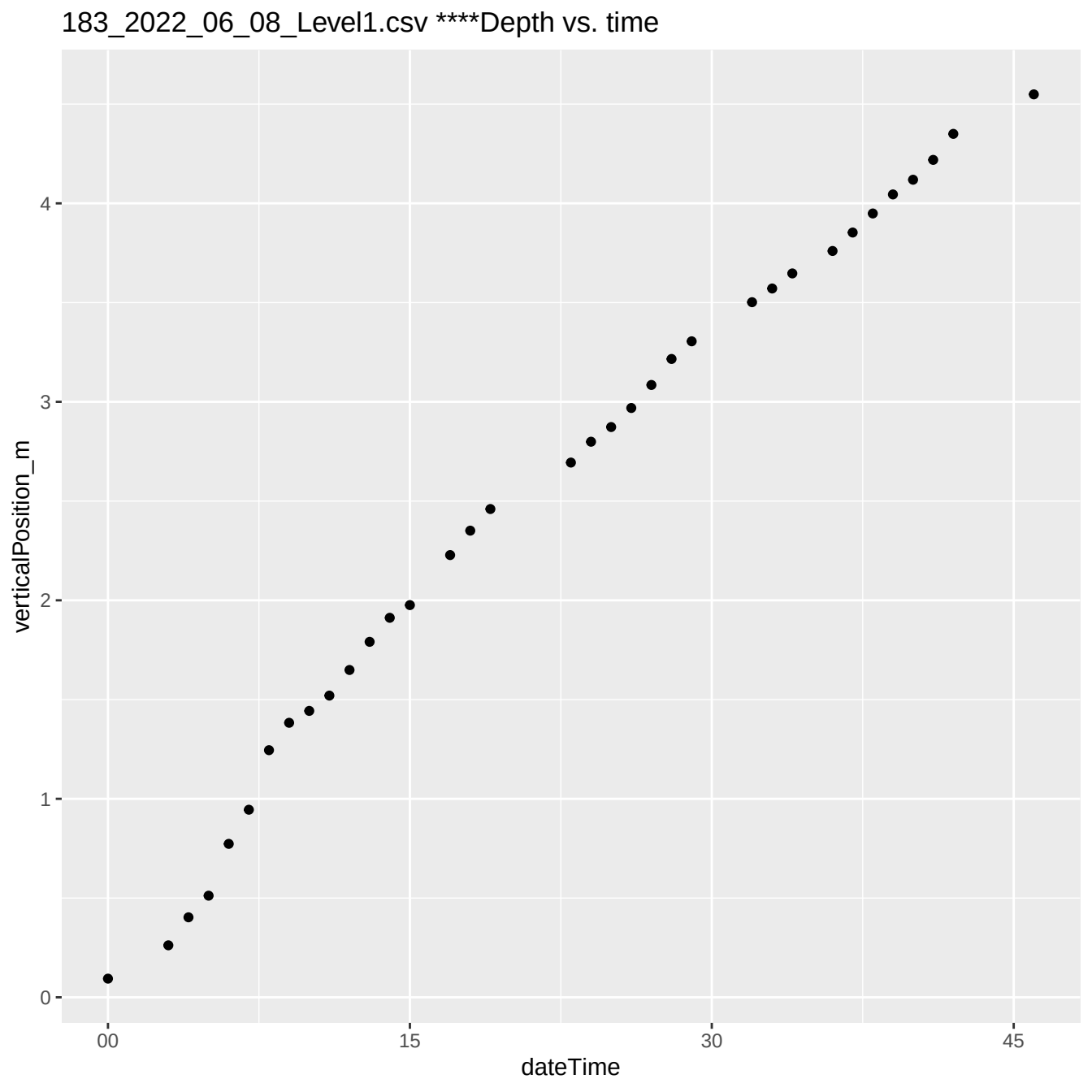

182_2022_08_03_Level1.csv ****Turbidity jumps
0.0
2.5
5.0
7.5
verticalPosition_m
0
50
100
150
200
turbidity_FNU

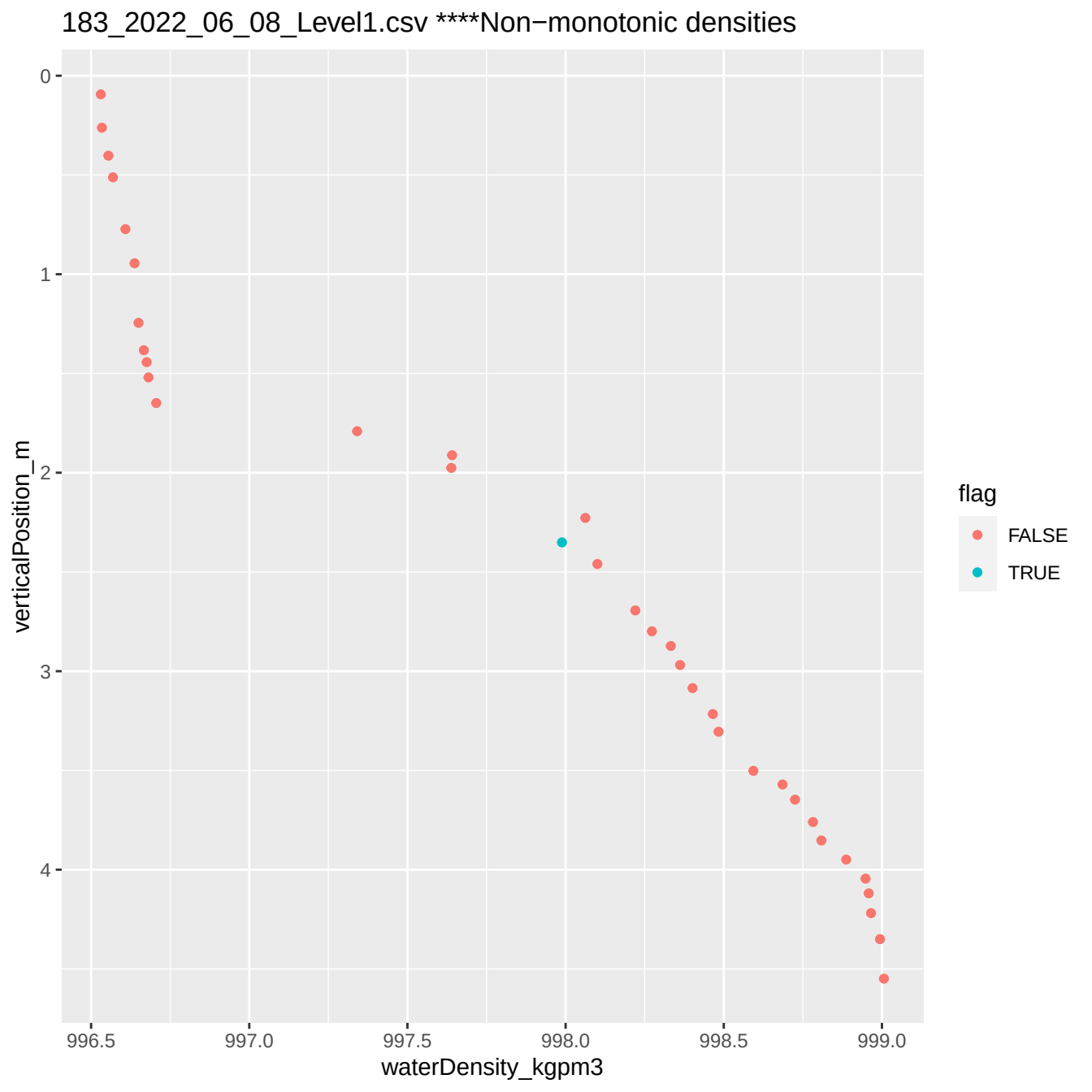

182_2022_08_03_Level1.csv ****bga jumps
verticalPosition_m
0.0
2.5
5.0
7.5
0
2
4
6
phycocyaninBGA_RFU

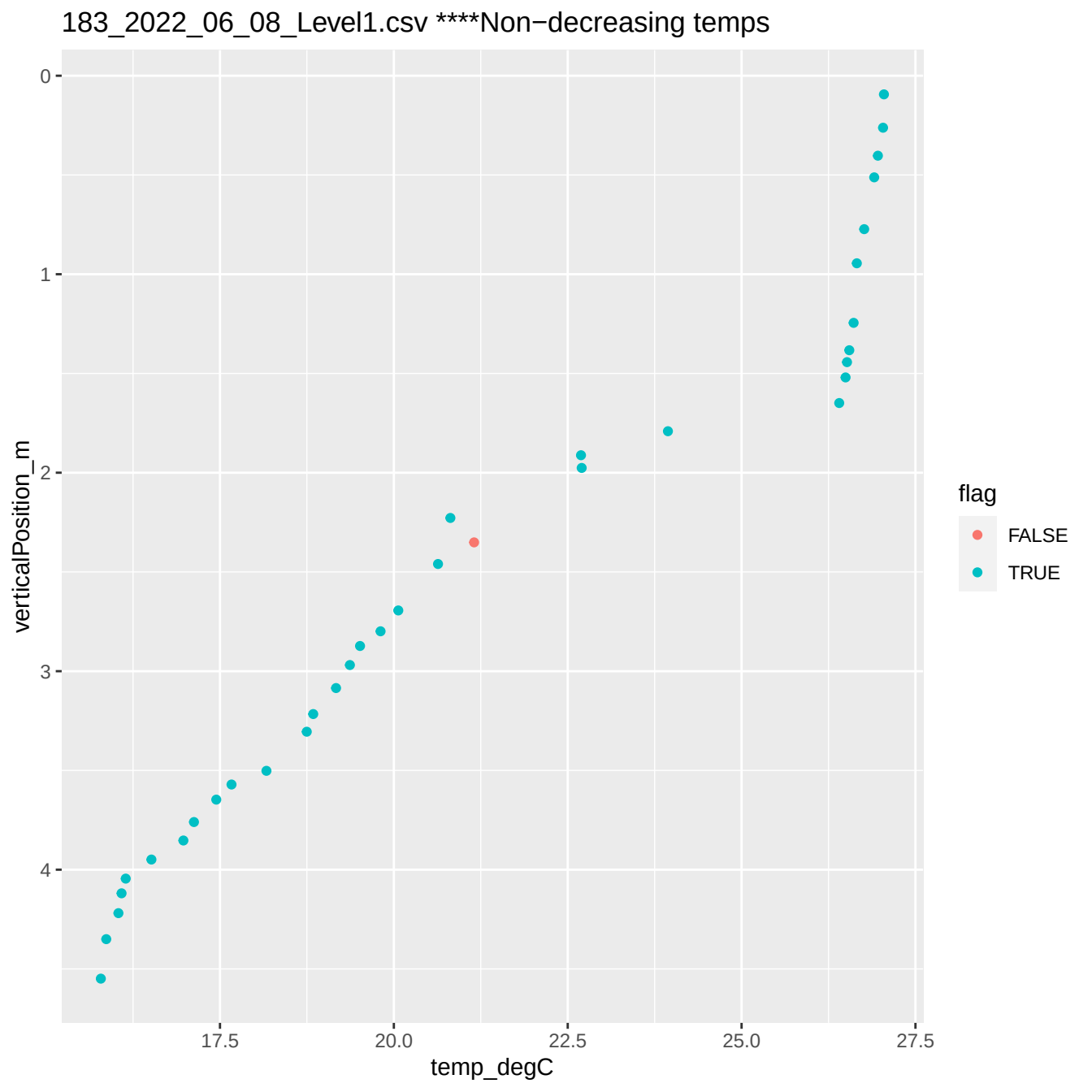

183_2022_05_19_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
15:36:30
15:37:00
15:37:30
dateTime

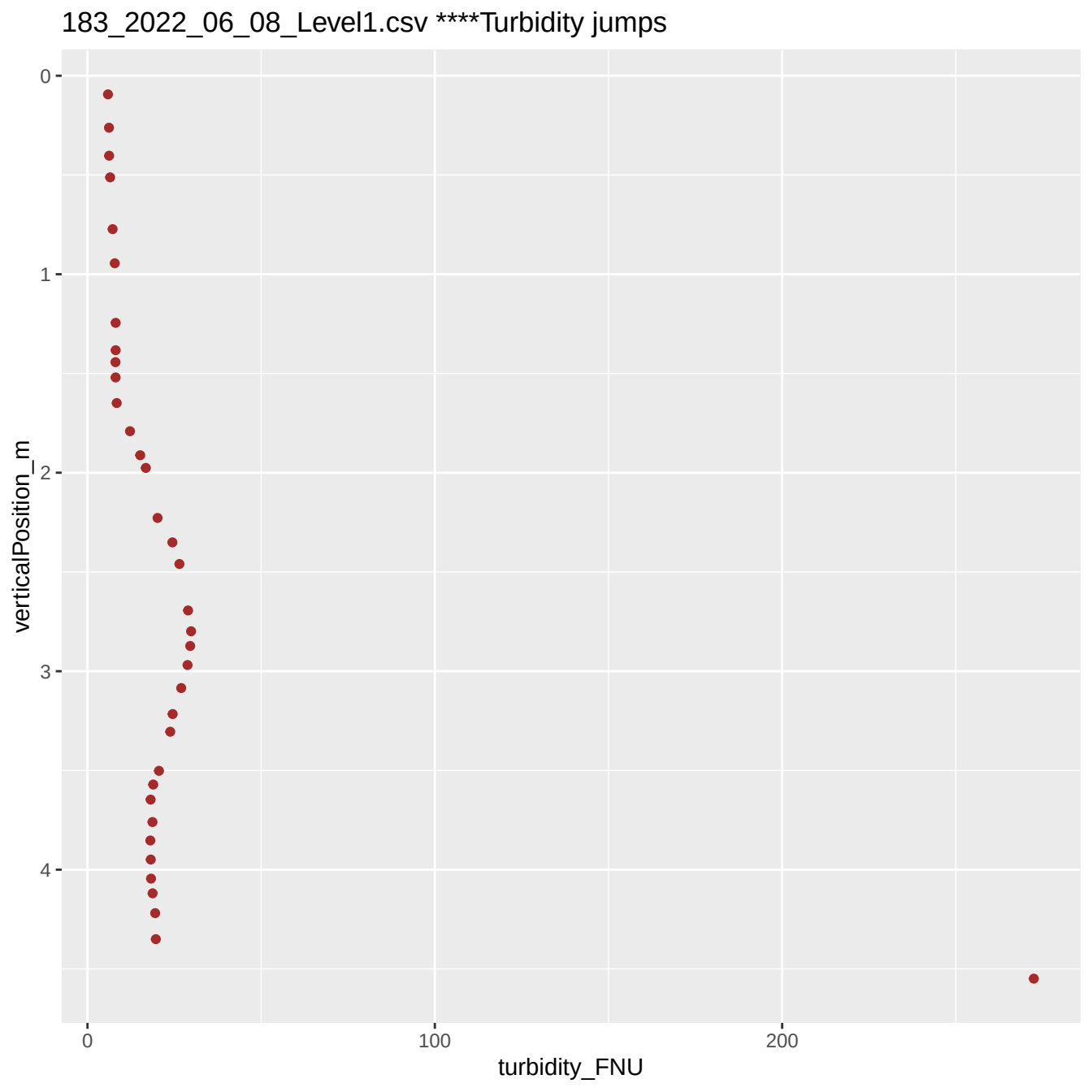

183_2022_05_19_Level1.csv ****Too low pH
verticalPosition_m
0
1
2
3
4
3.6
4.0
4.4
4.8
pH
flag
TRUE

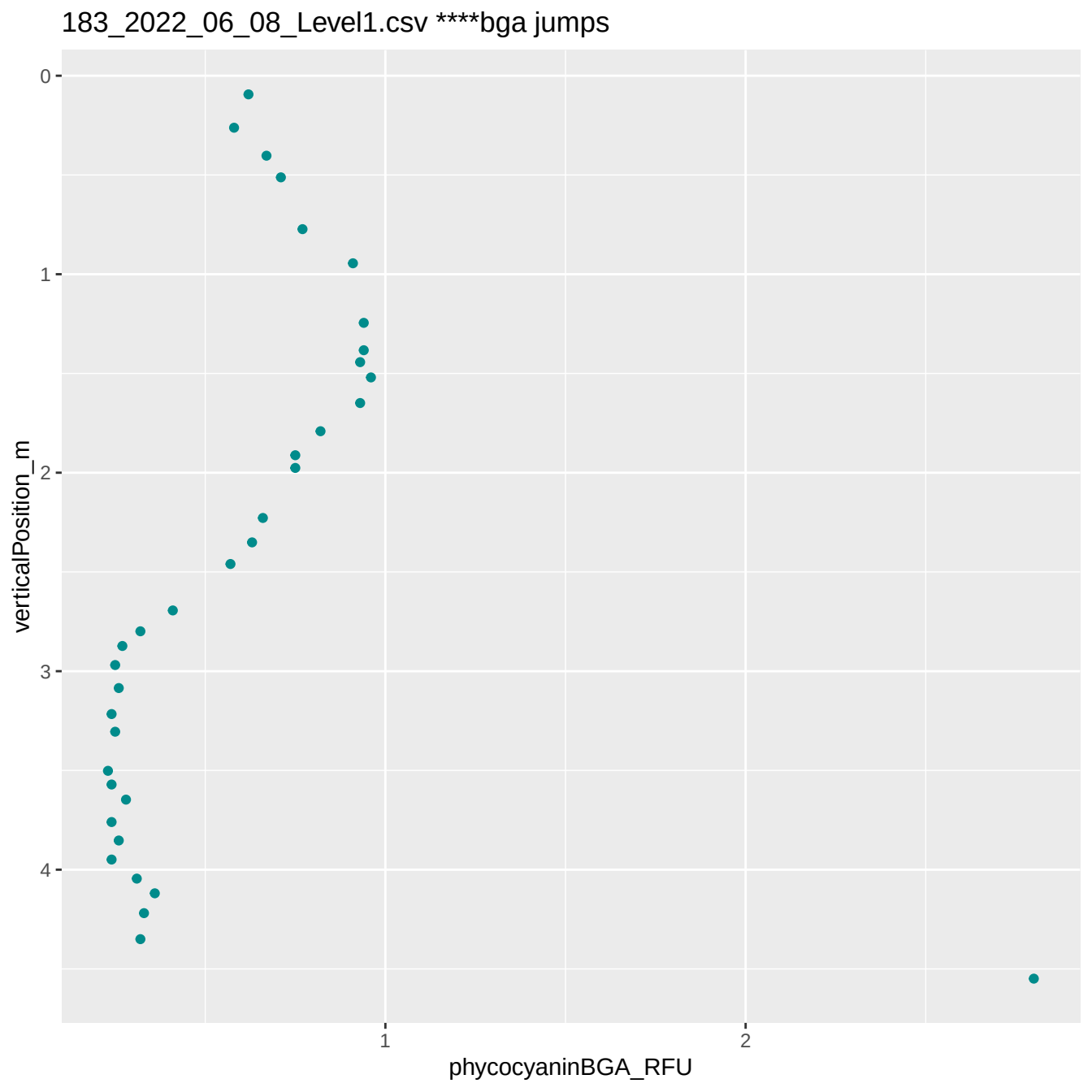

183_2022_05_19_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
0.0
0.1
0.2
0.3
phycocyaninBGA_RFU

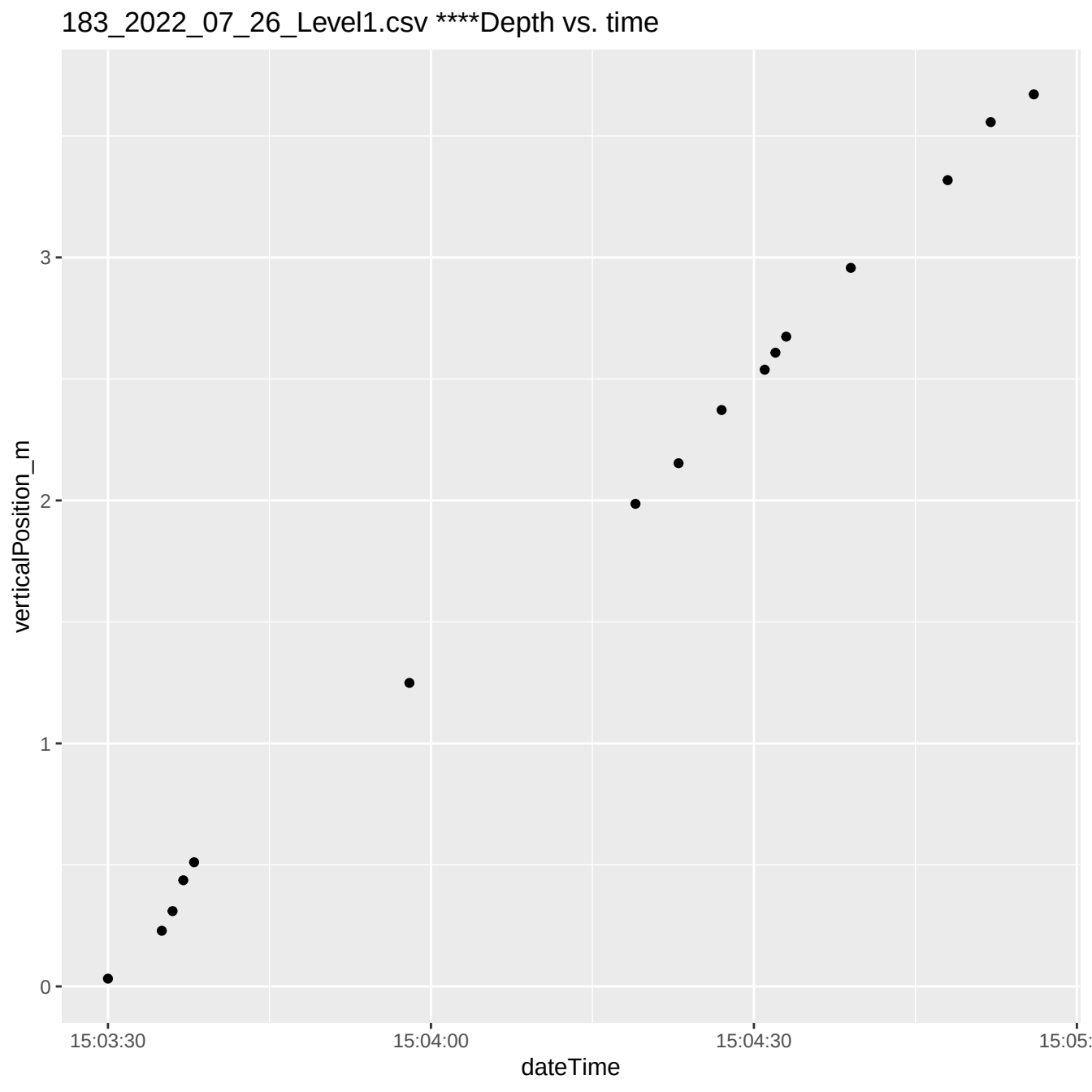

183_2022_06_08_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
00
15
30
45
dateTime

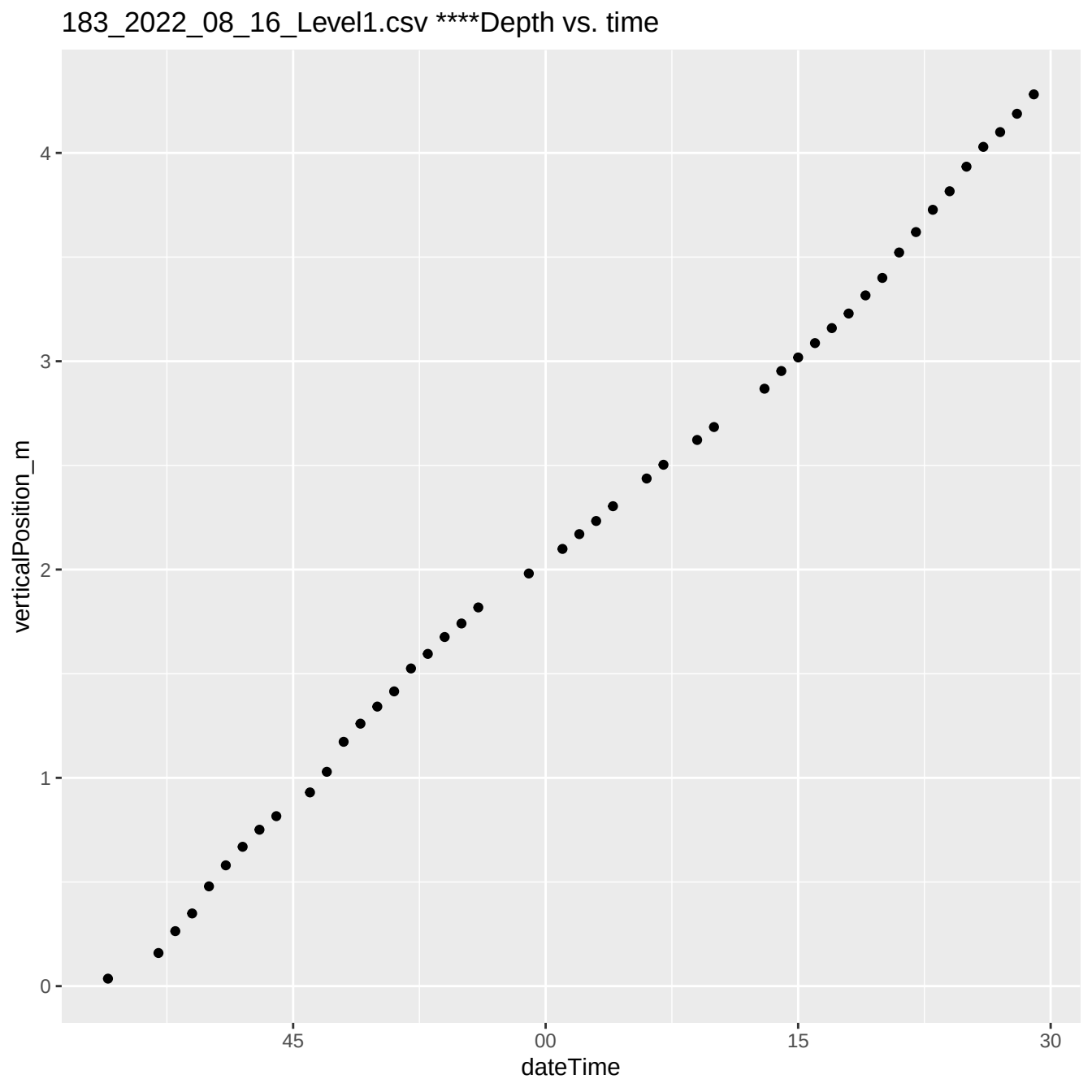

183_2022_06_08_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
996.5
997.0
997.5
998.0
998.5
999.0
waterDensity_kgpm3
flag
FALSE
TRUE

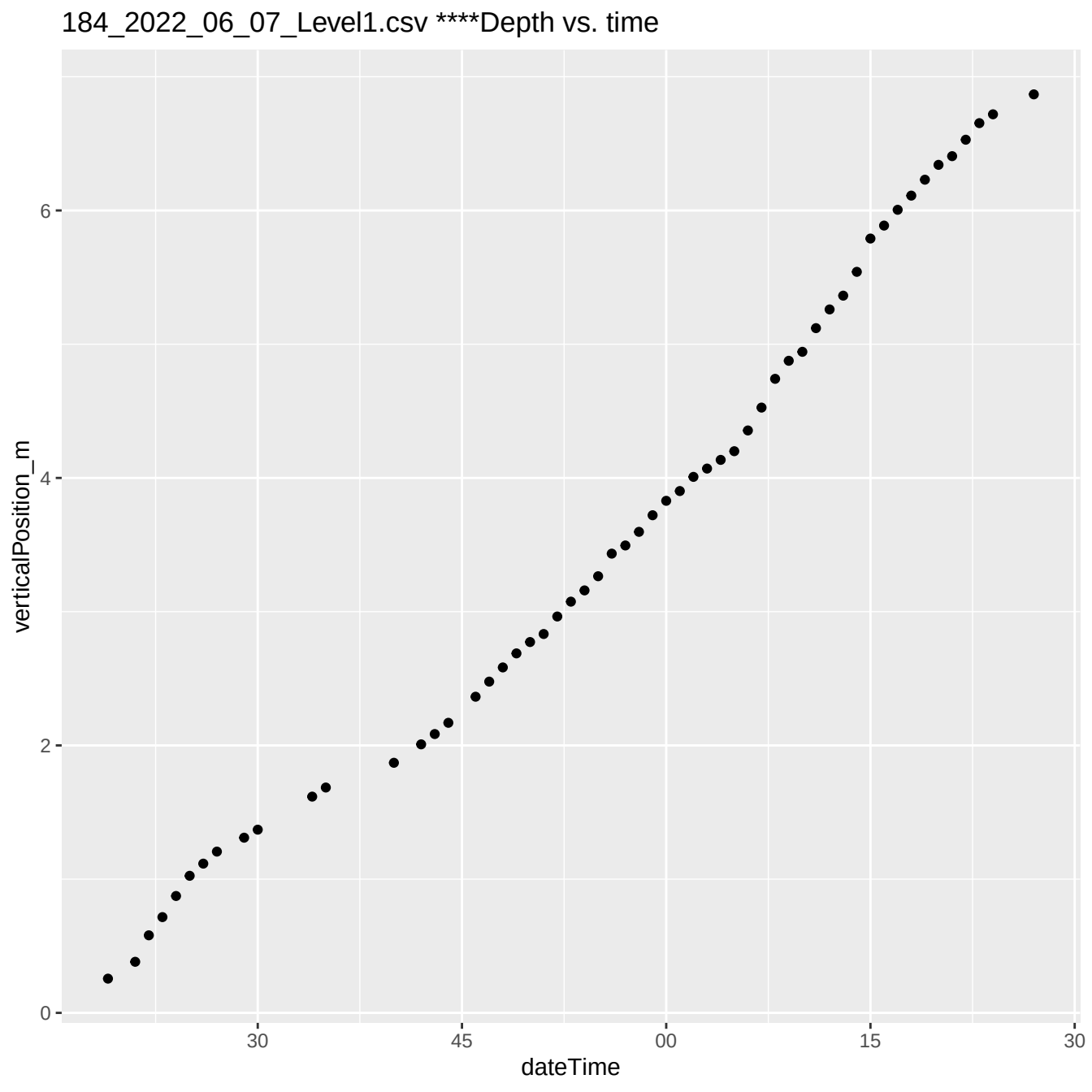

183_2022_06_08_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
17.5
20.0
22.5
25.0
27.5
temp_degC
flag
FALSE
TRUE

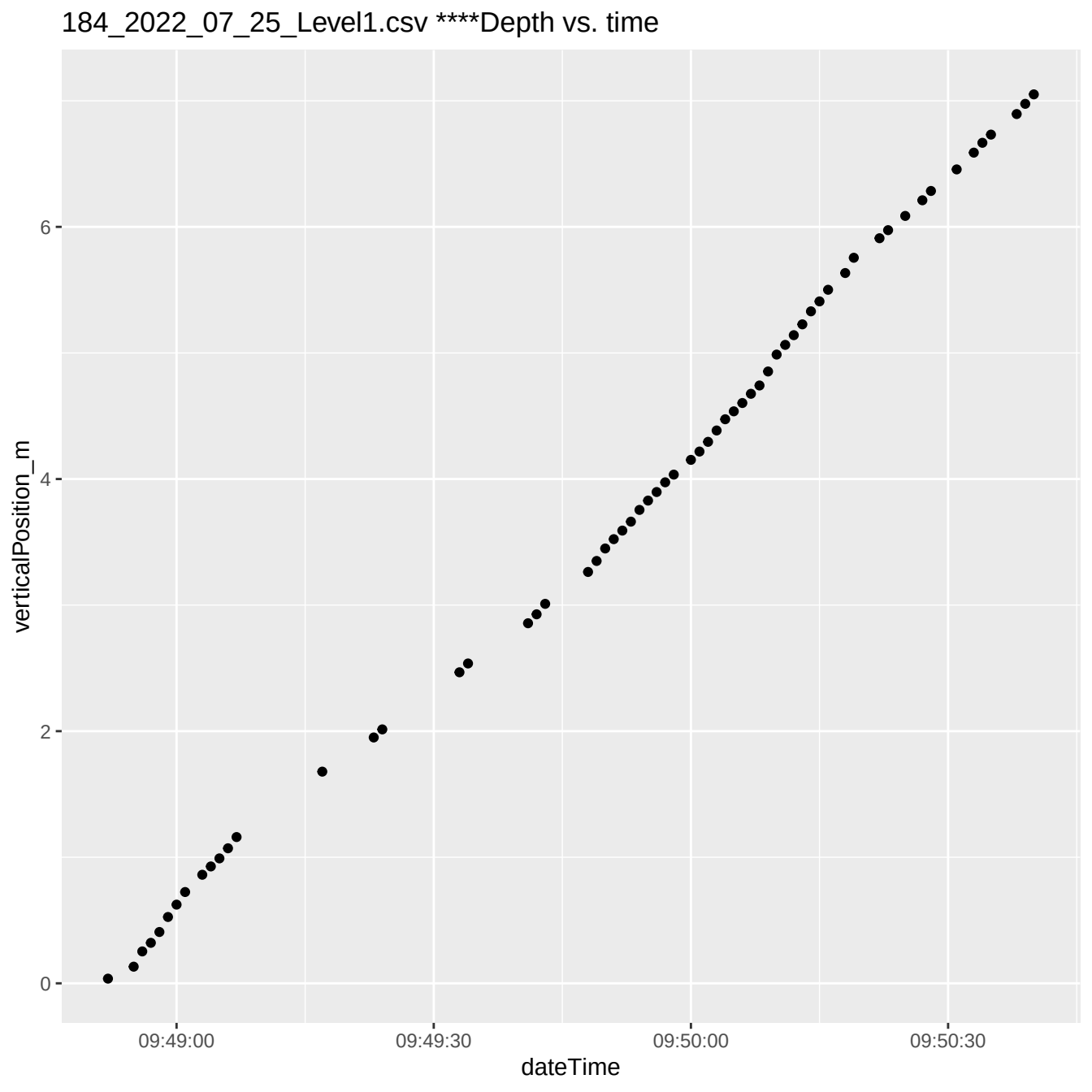

183_2022_06_08_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
0
100
200
turbidity_FNU

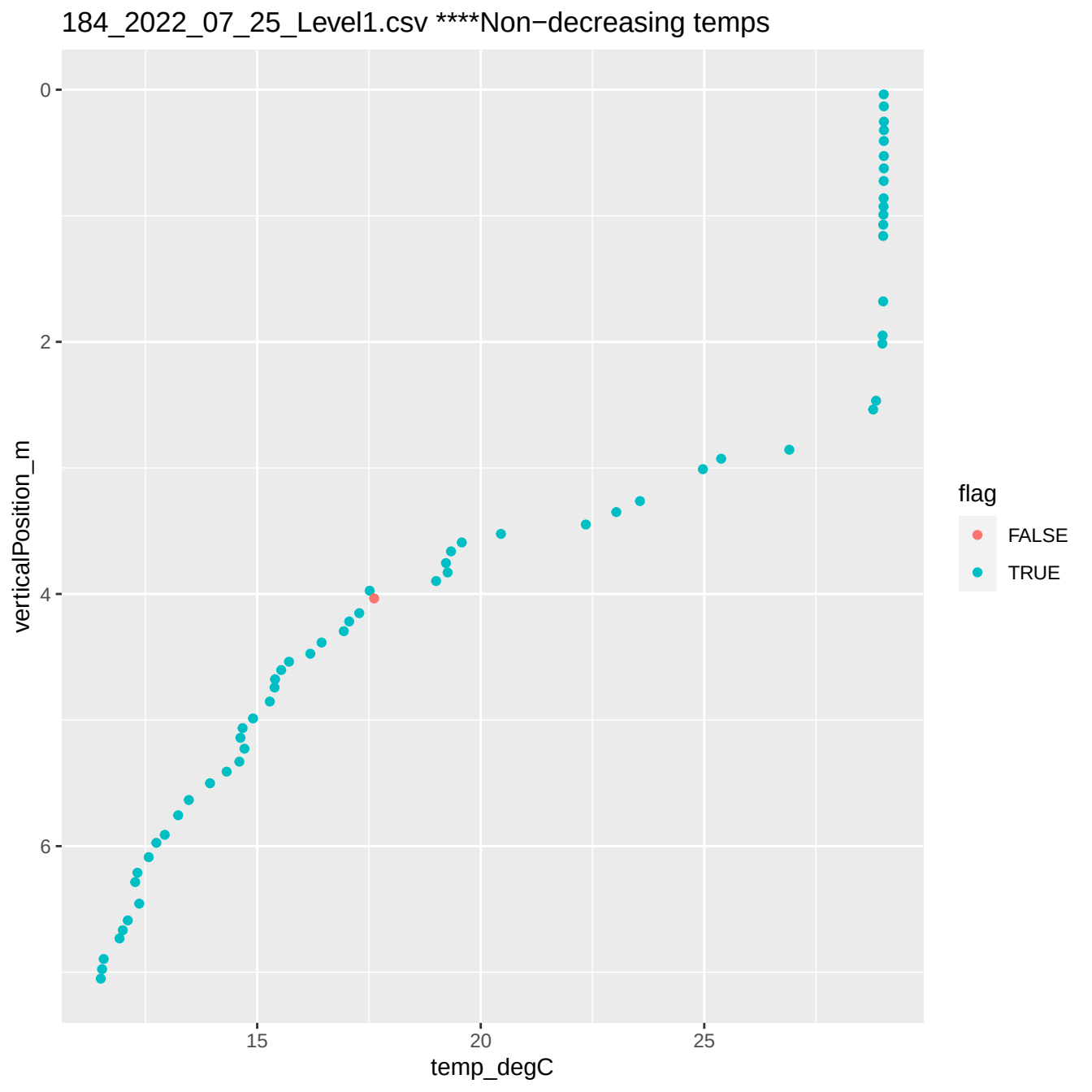

183_2022_06_08_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
1
2
phycocyaninBGA_RFU

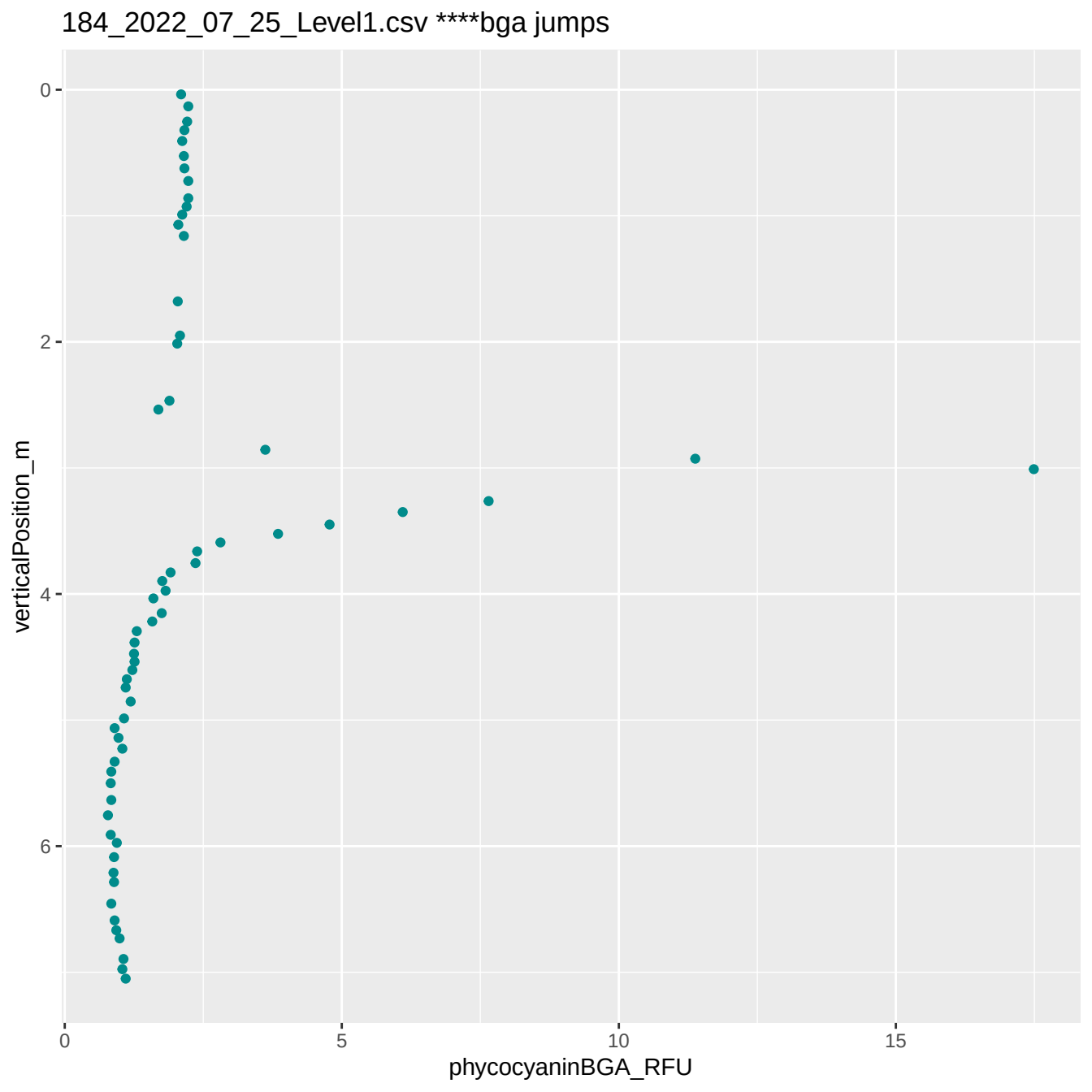

183_2022_07_26_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
15:03:30
15:04:00
15:04:30
15:05
dateTime

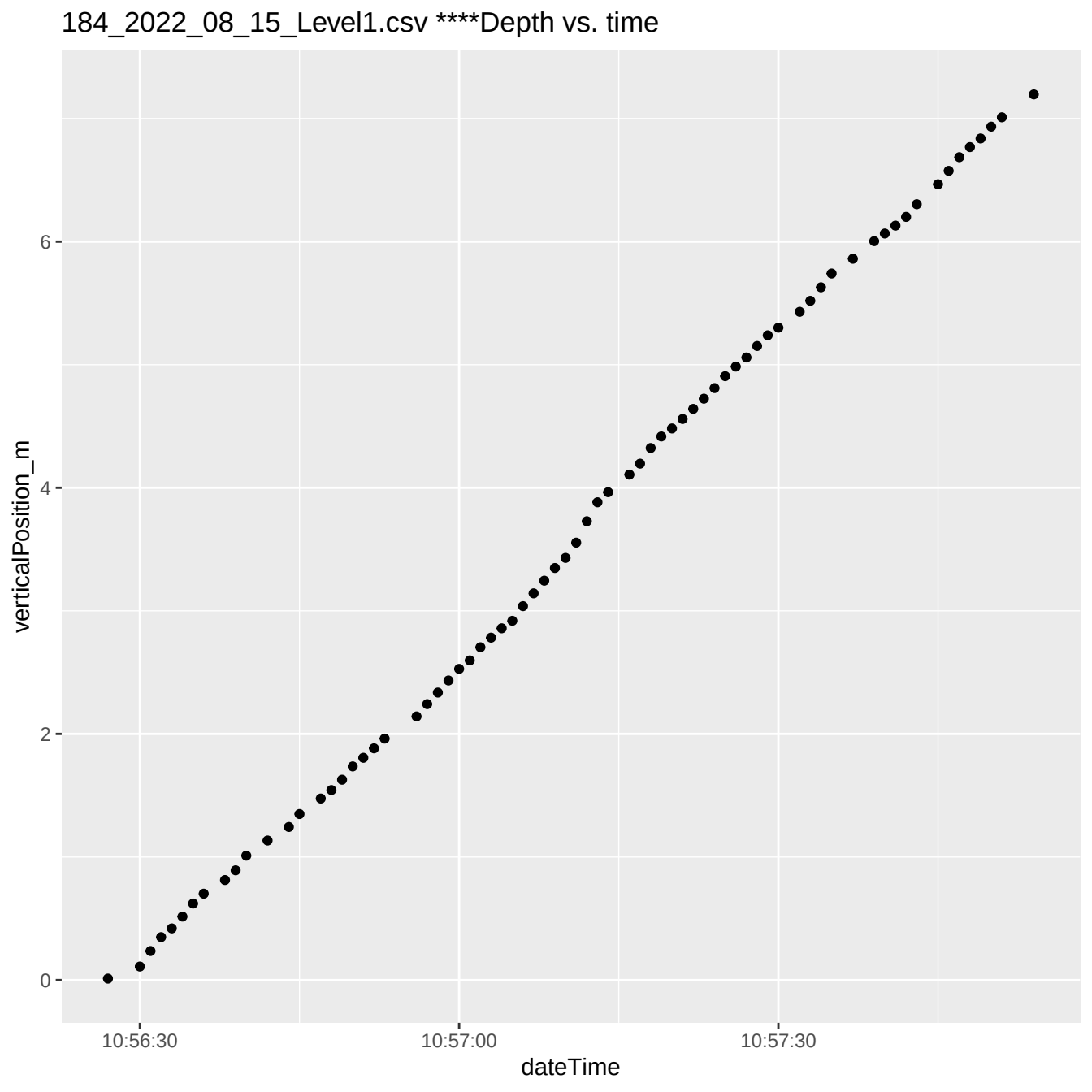

183_2022_08_16_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
45
00
15
30
dateTime

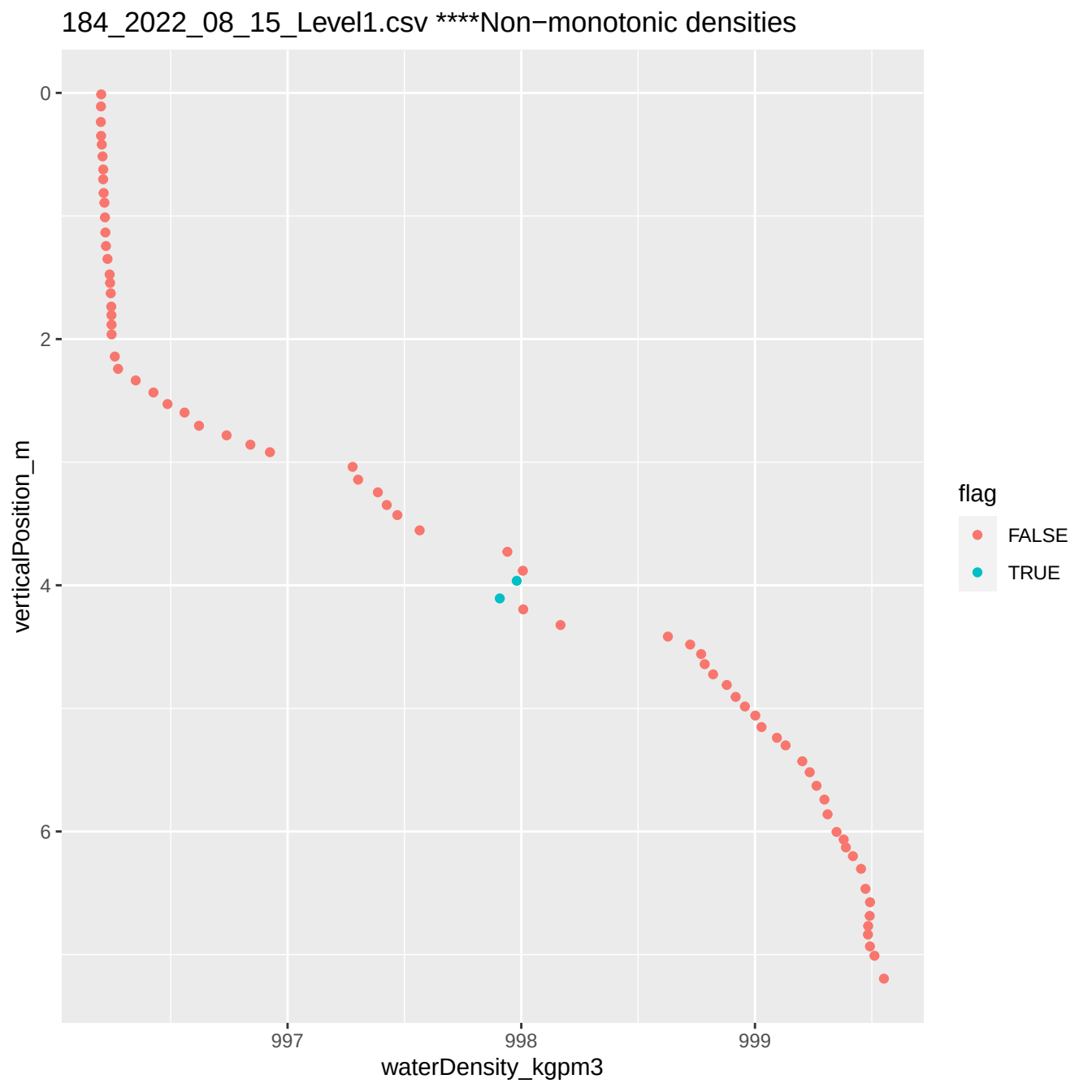

184_2022_06_07_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
30
45
00
15
30
dateTime

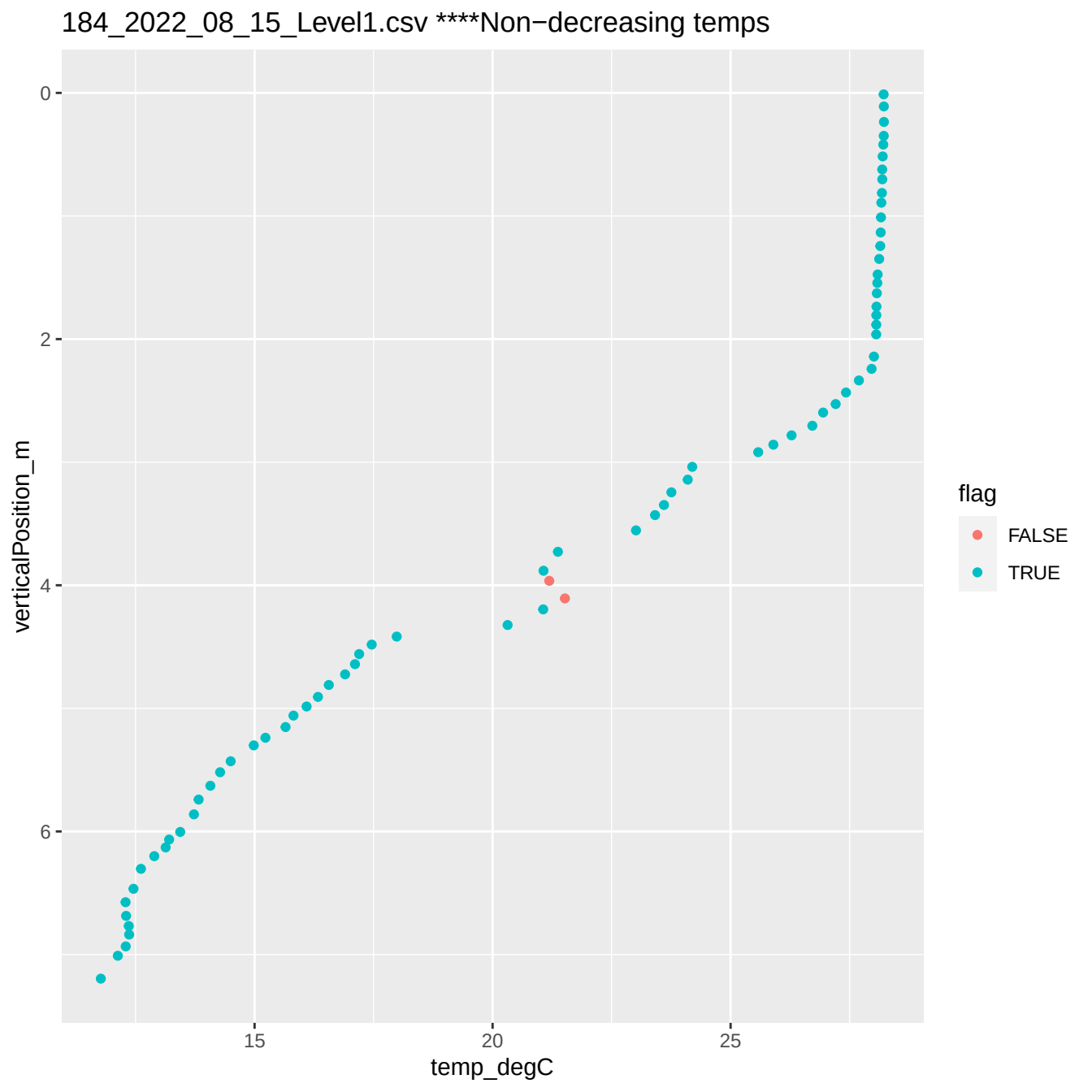

184_2022_07_25_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
09:49:00
09:49:30
09:50:00
09:50:30
dateTime

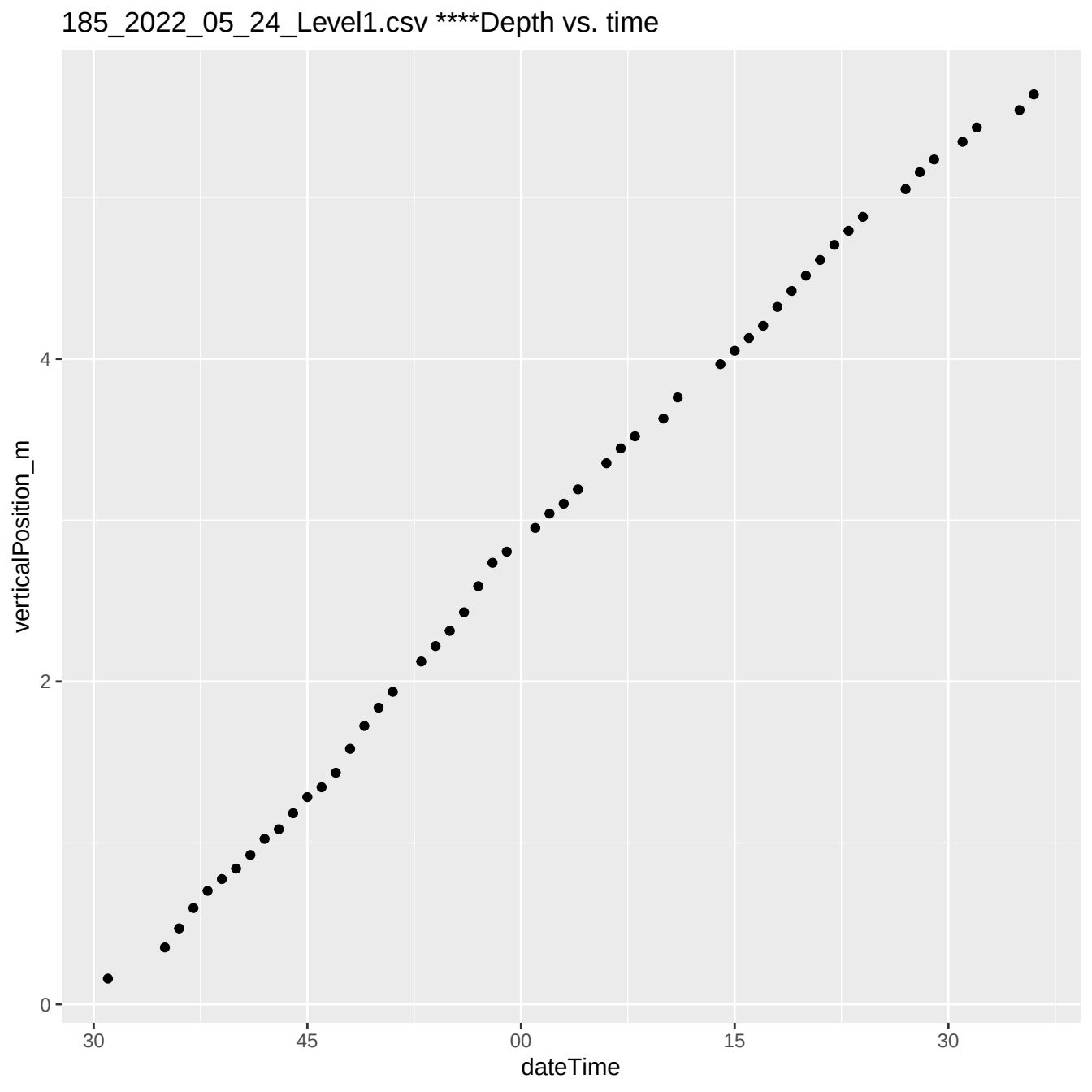

184_2022_07_25_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
flag
FALSE
TRUE

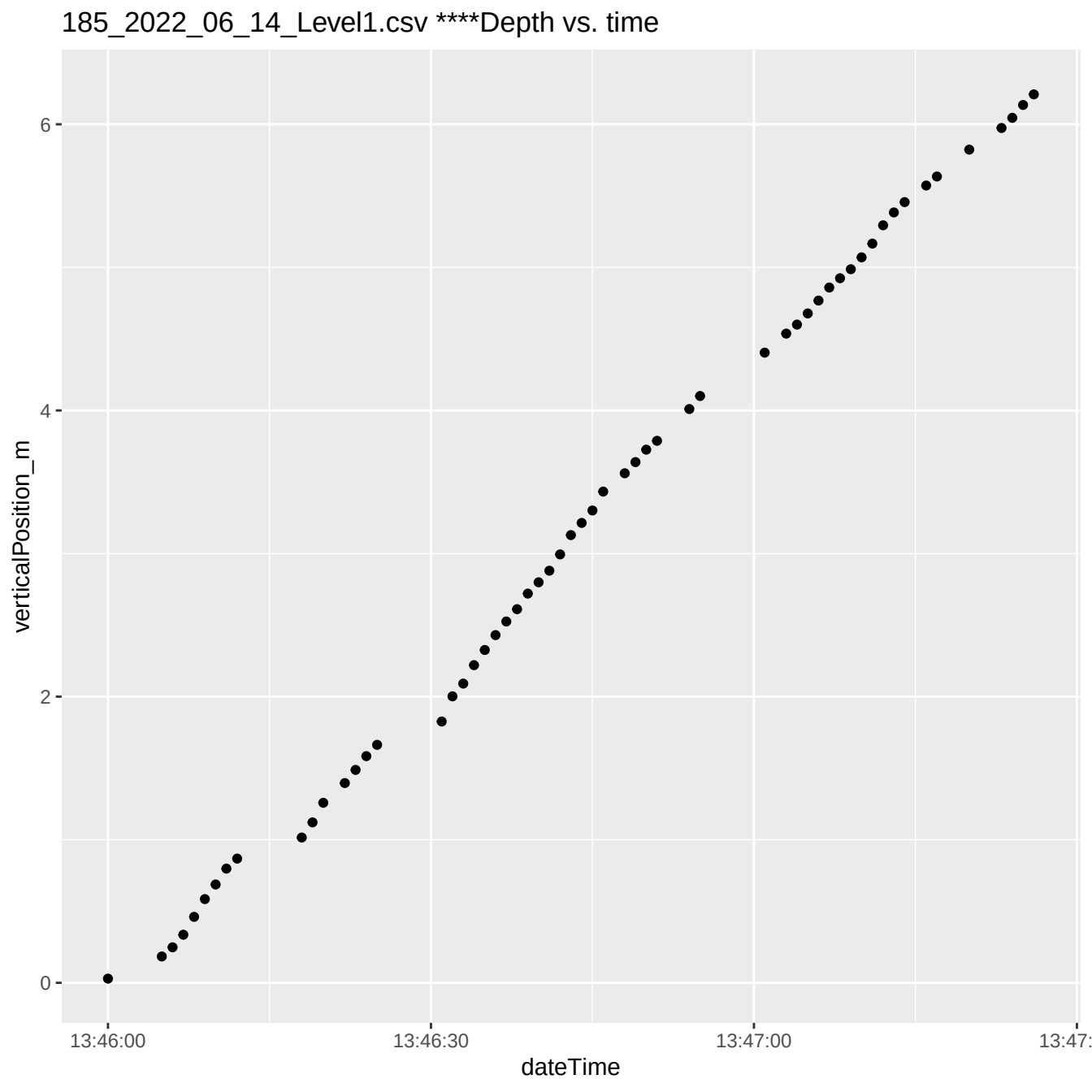

184_2022_07_25_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0
5
10
15
phycocyaninBGA_RFU

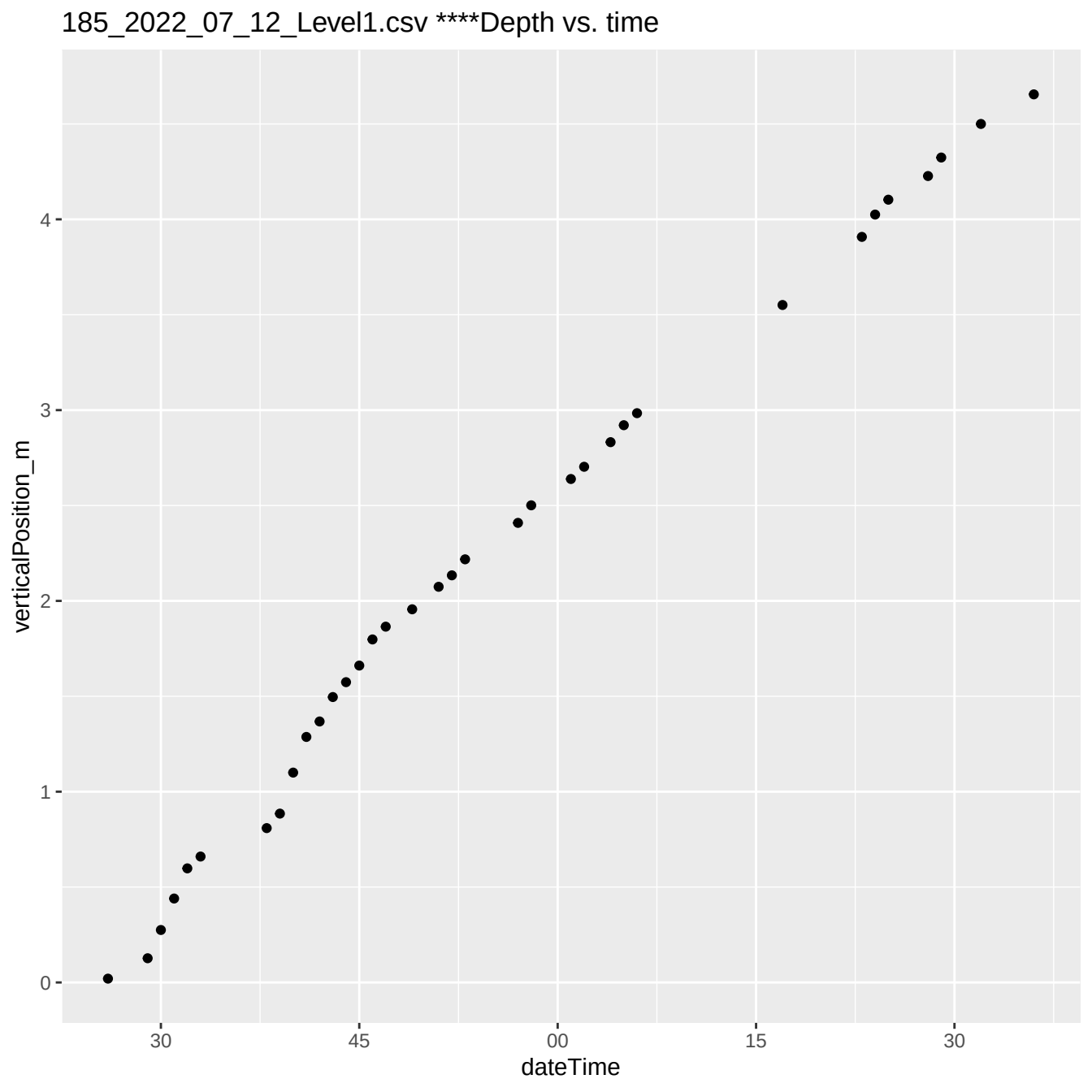

184_2022_08_15_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
10:56:30
10:57:00
10:57:30
dateTime

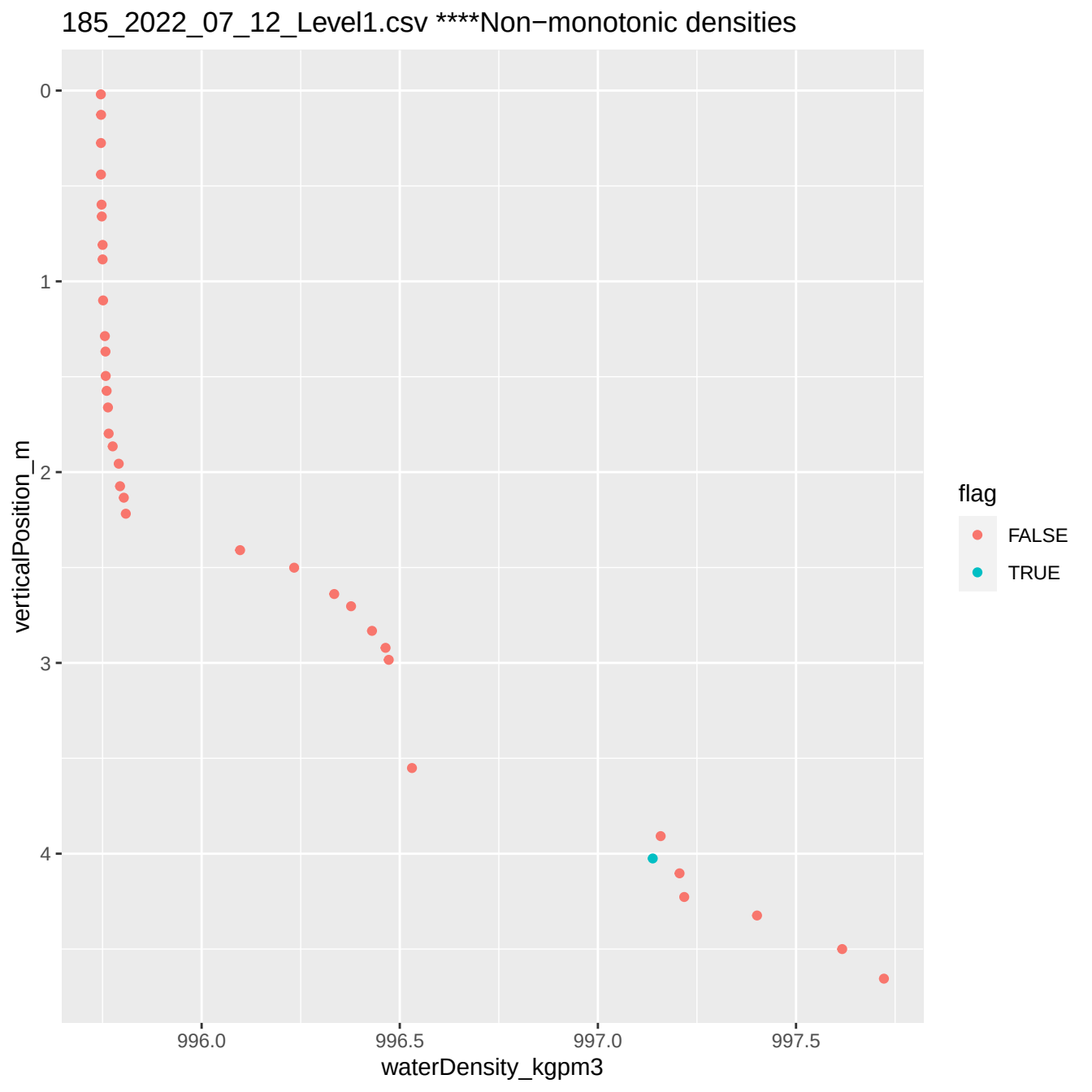

184_2022_08_15_Level1.csv ****Non−monotonic densities
0
2
4
6
verticalPosition_m
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

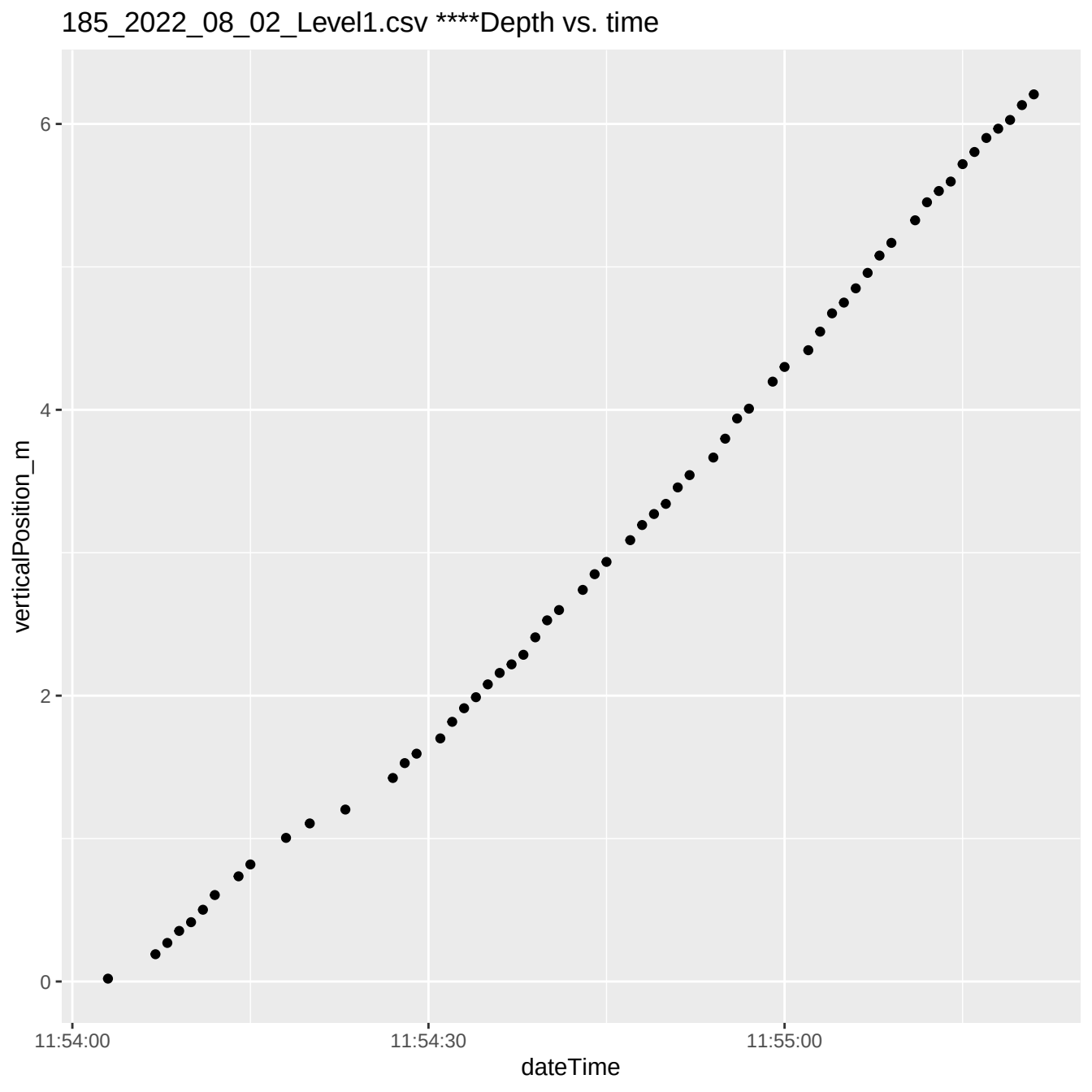

184_2022_08_15_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
flag
FALSE
TRUE

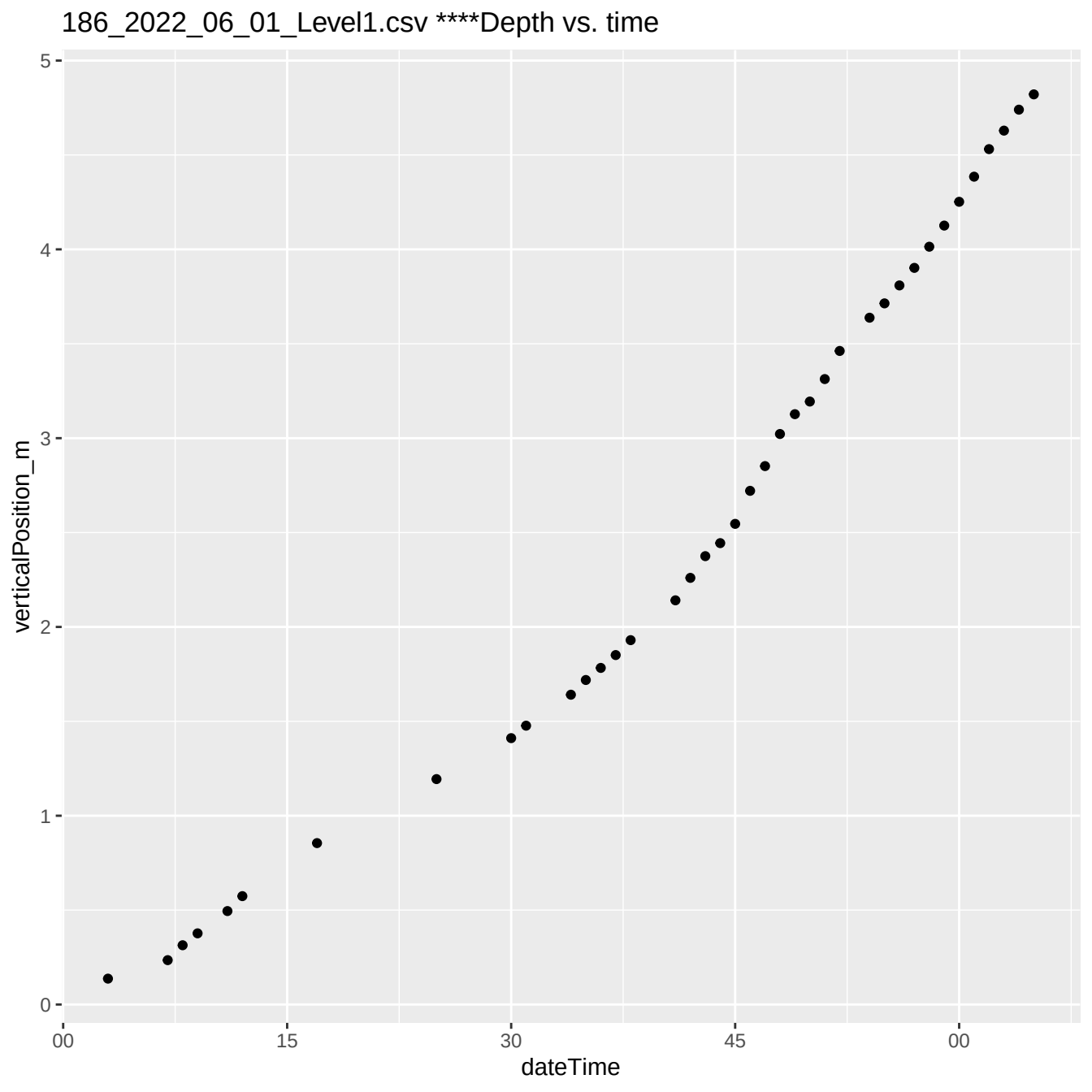

185_2022_05_24_Level1.csv ****Depth vs. time
verticalPosition_m
4
2
0
30
45
00
15
30
dateTime

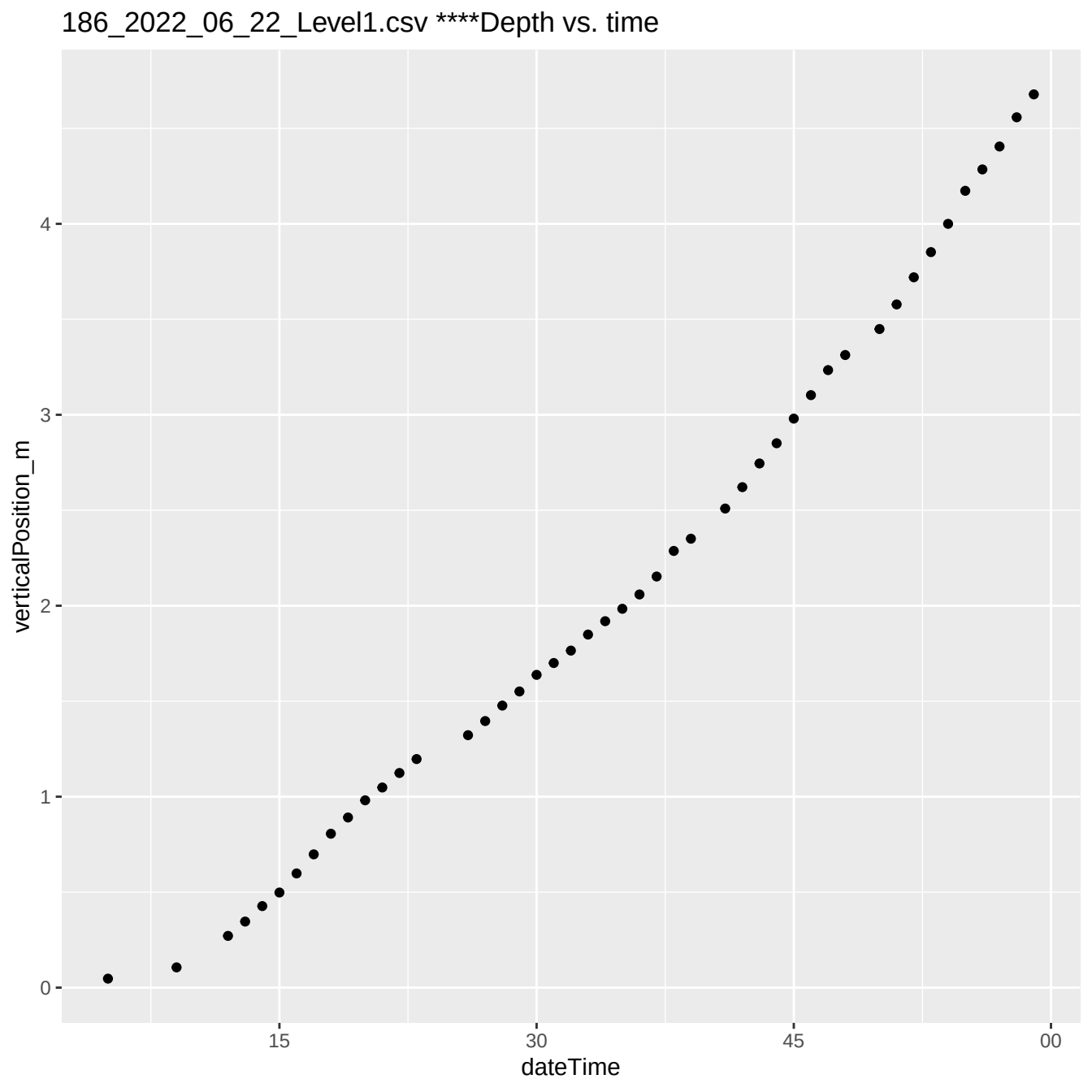

185_2022_06_14_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:46:00
13:46:30
13:47:00
dateTime

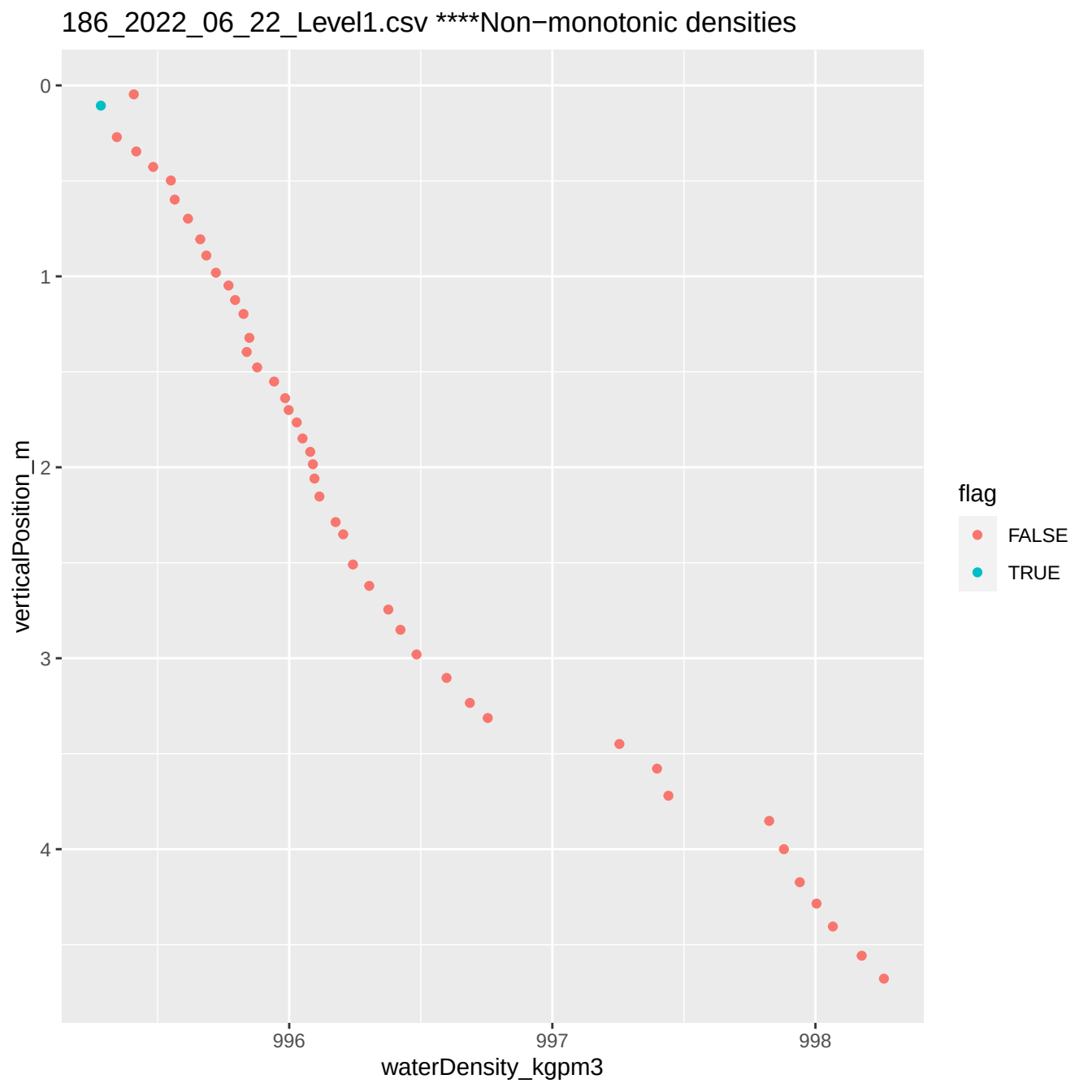

185_2022_07_12_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
30
45
00
15
30
dateTime

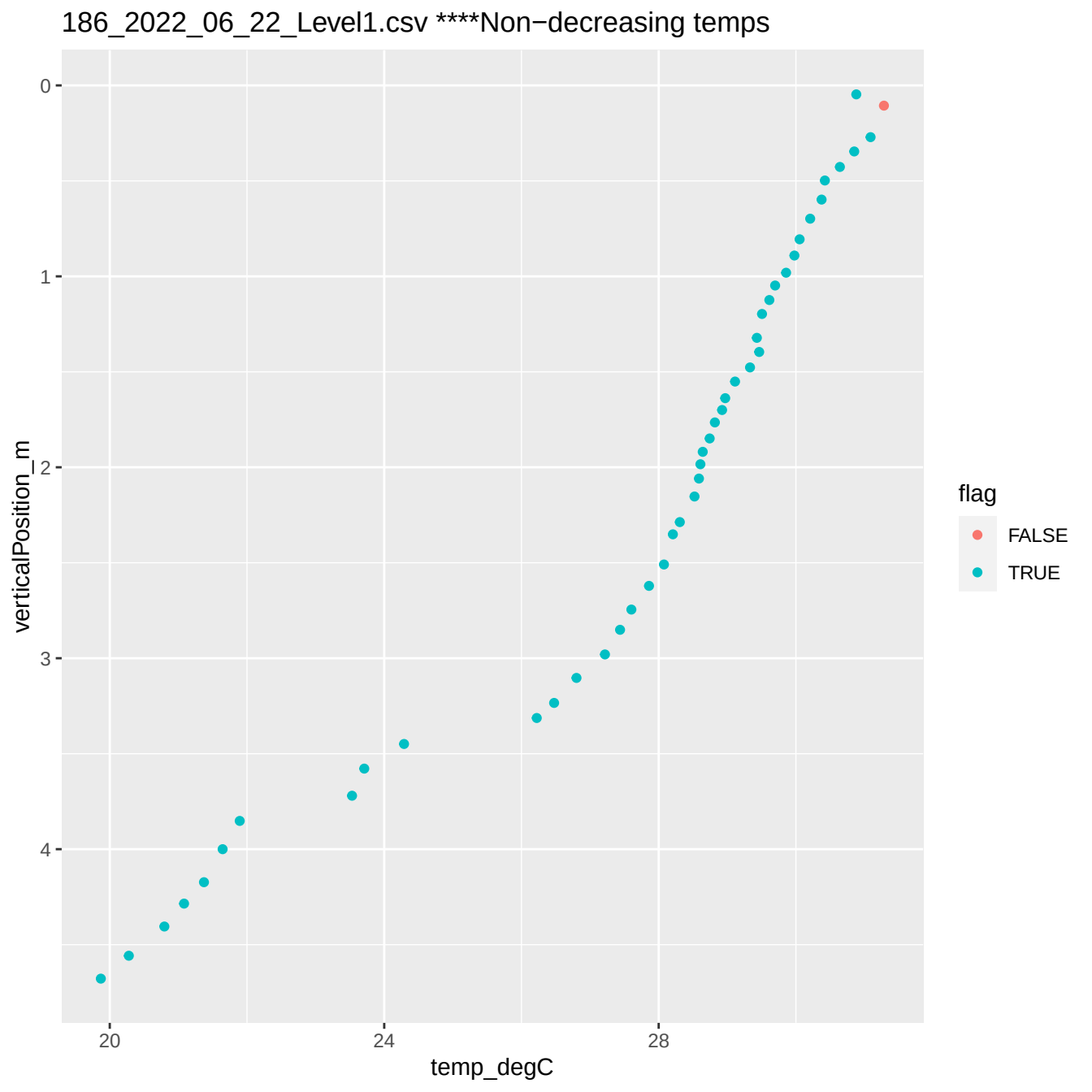

185_2022_07_12_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
996.0
996.5
997.0
997.5
waterDensity_kgpm3
flag
FALSE
TRUE

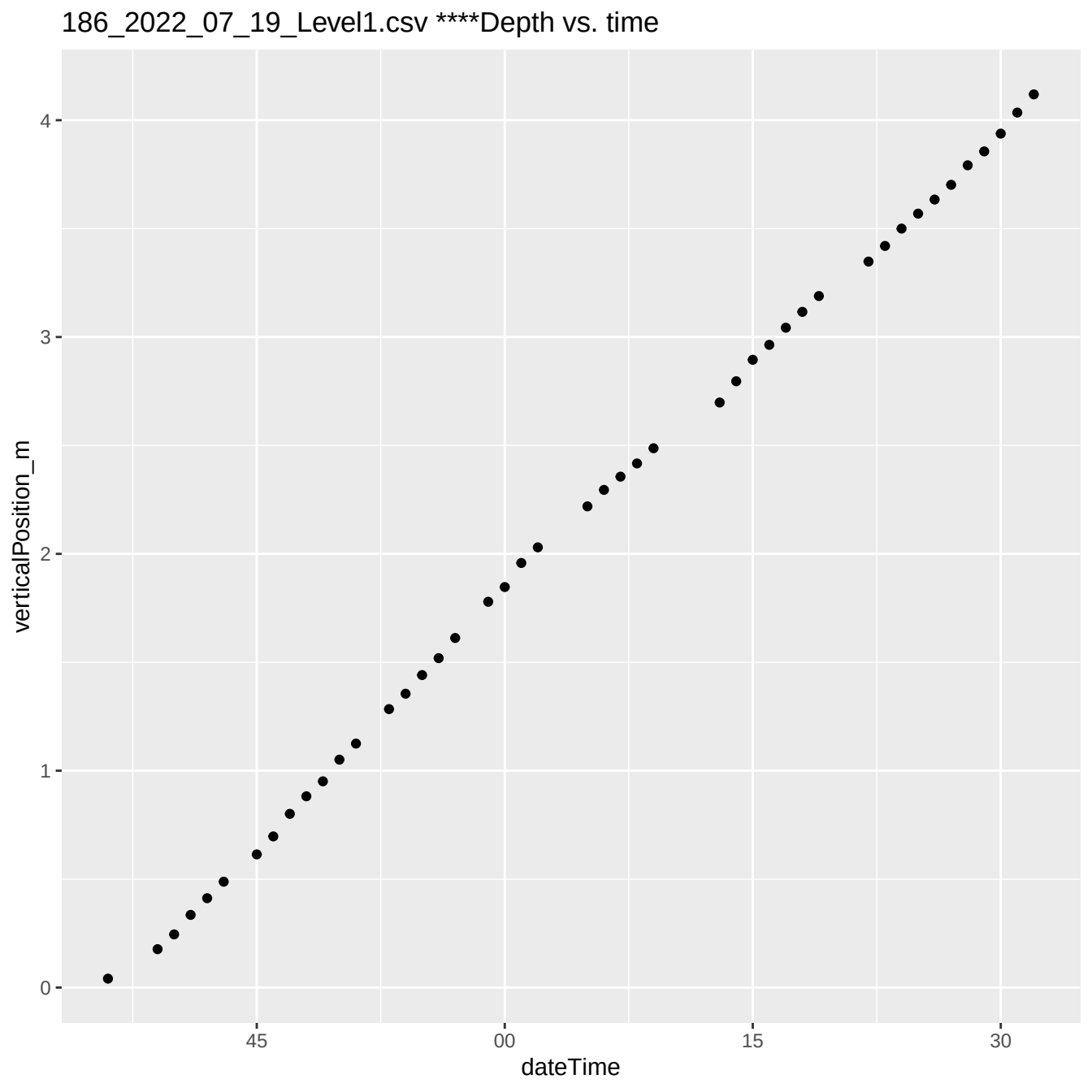

185_2022_08_02_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
11:54:00
11:54:30
11:55:00
dateTime

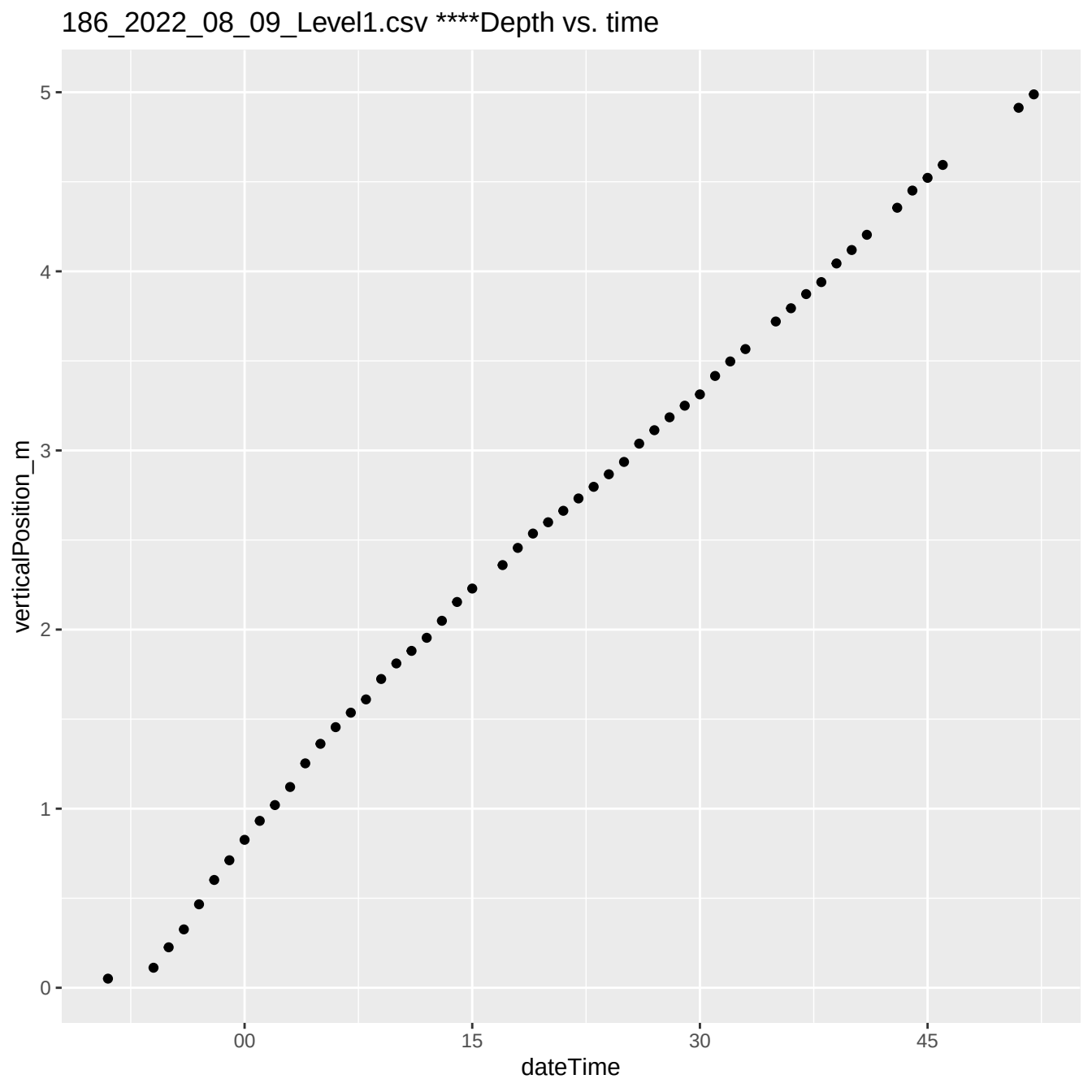

186_2022_06_01_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
00
15
30
45
00
dateTime

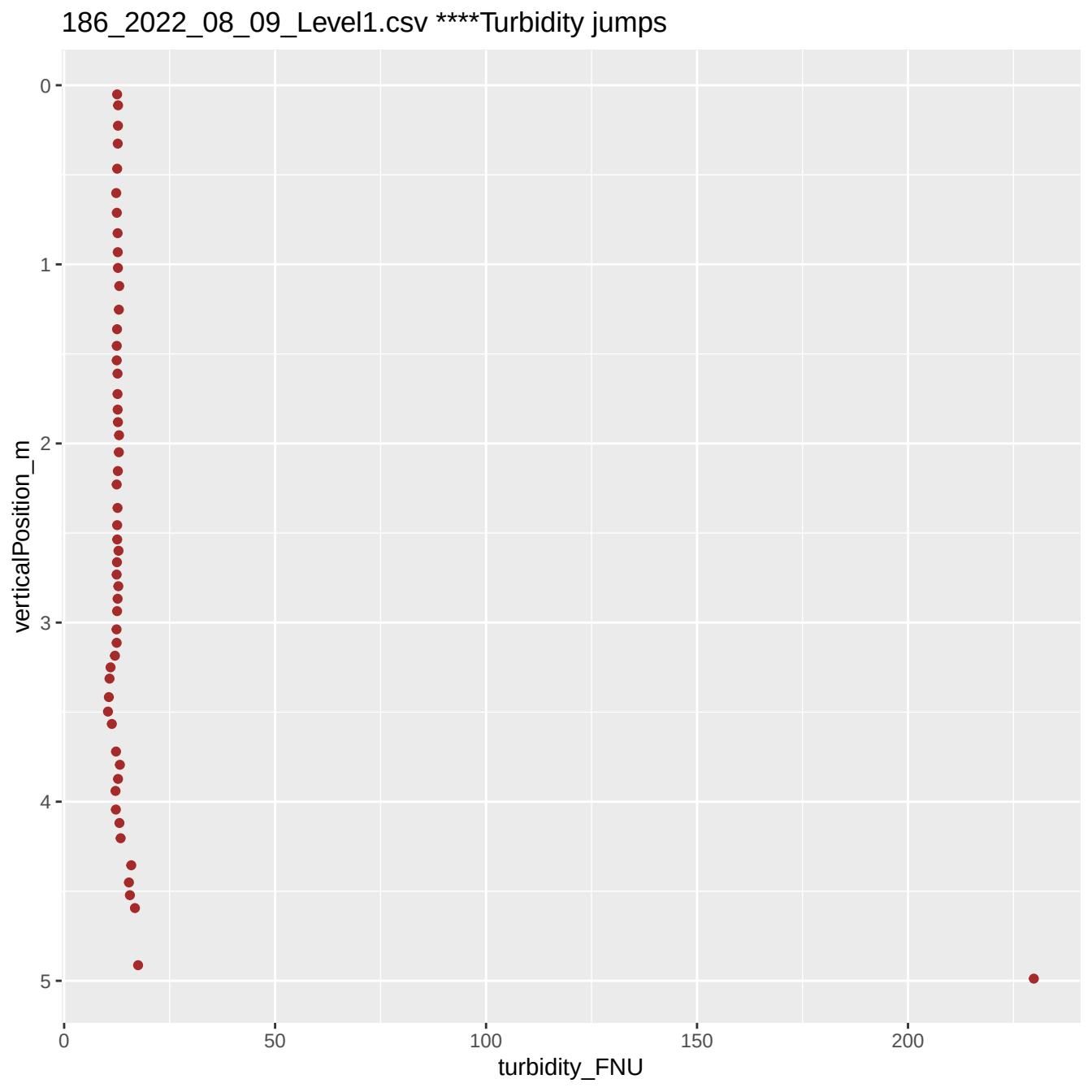

186_2022_06_22_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
15
30
45
00
dateTime

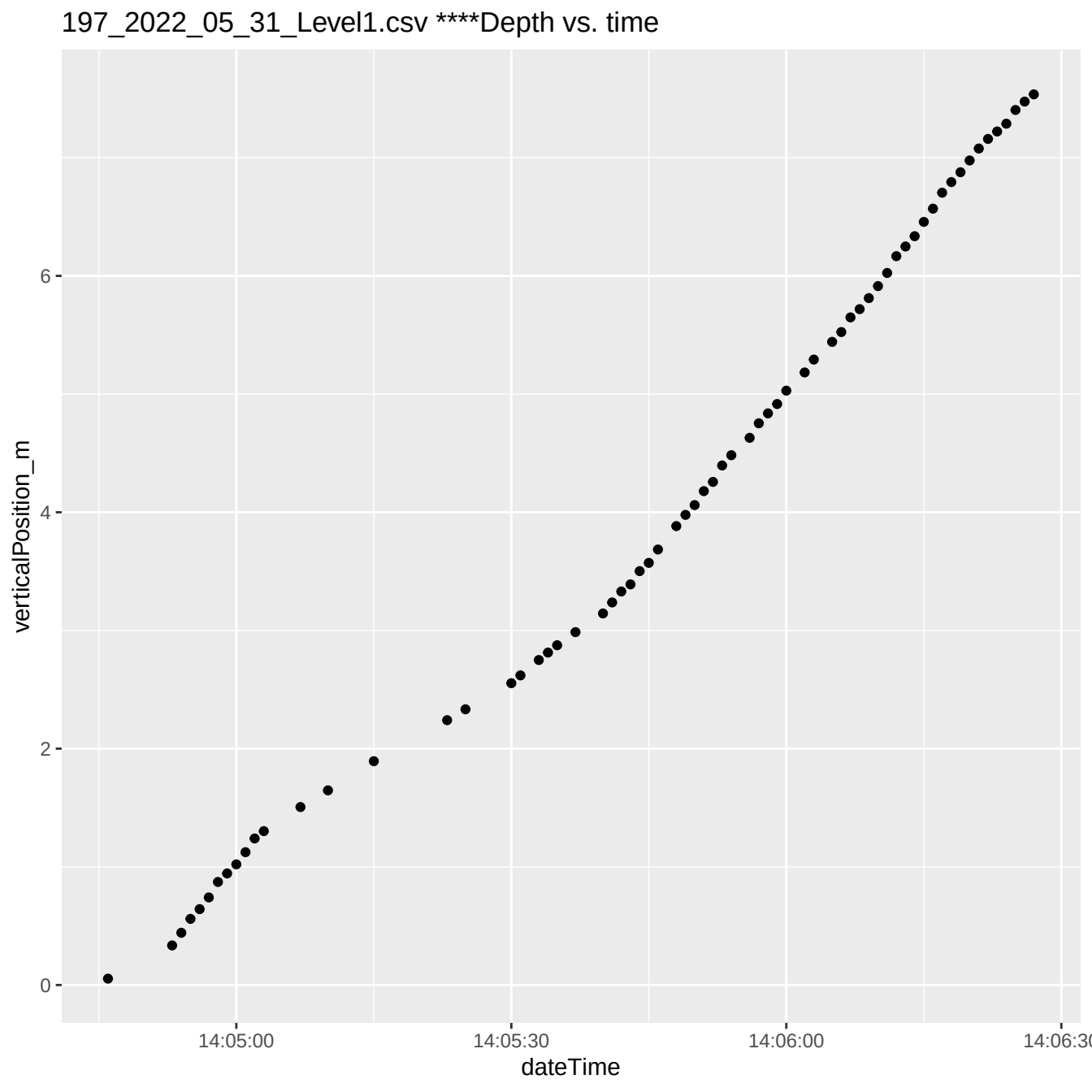

186_2022_06_22_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
996
997
998
waterDensity_kgpm3
flag
FALSE
TRUE

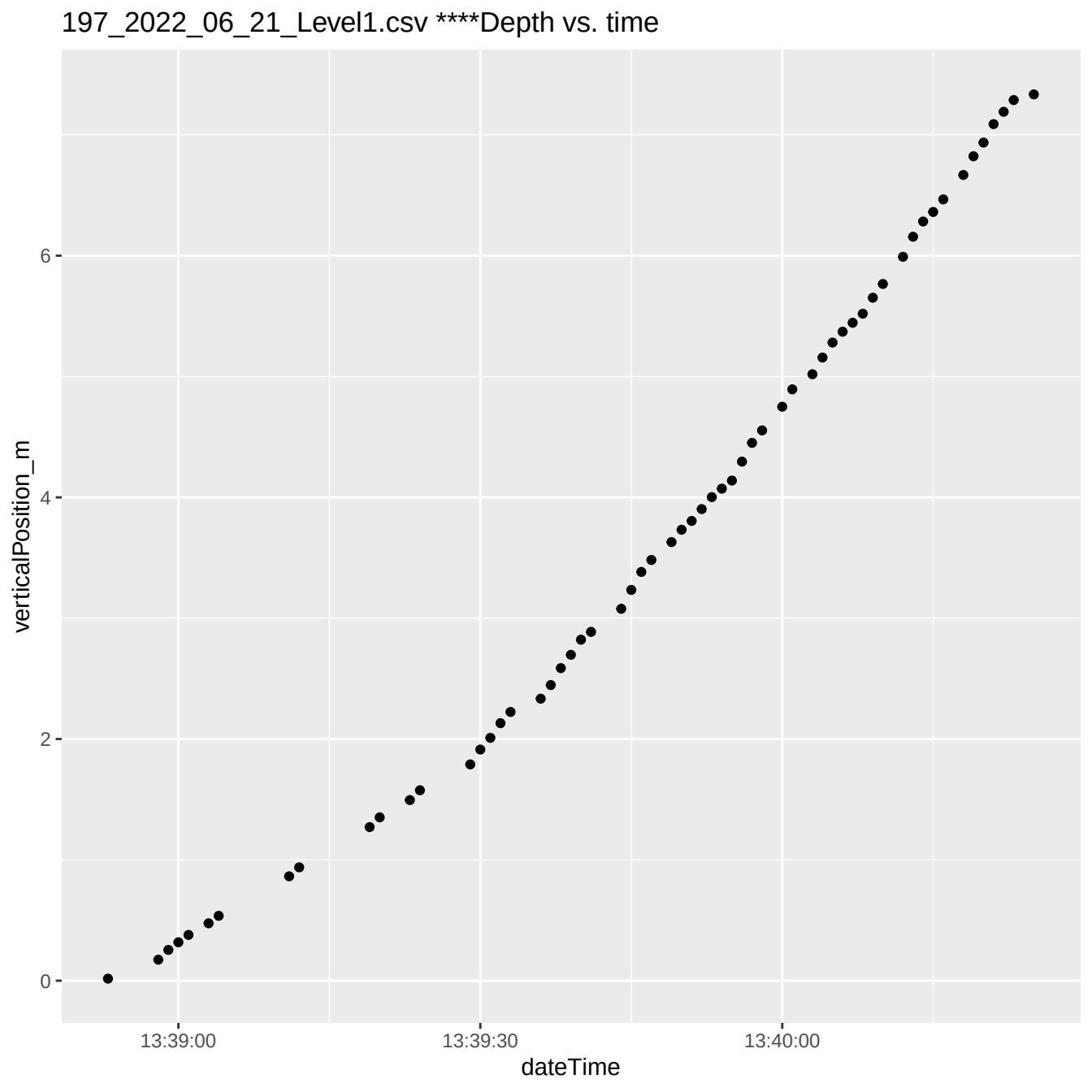

186_2022_06_22_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
20
24
28
temp_degC
flag
FALSE
TRUE

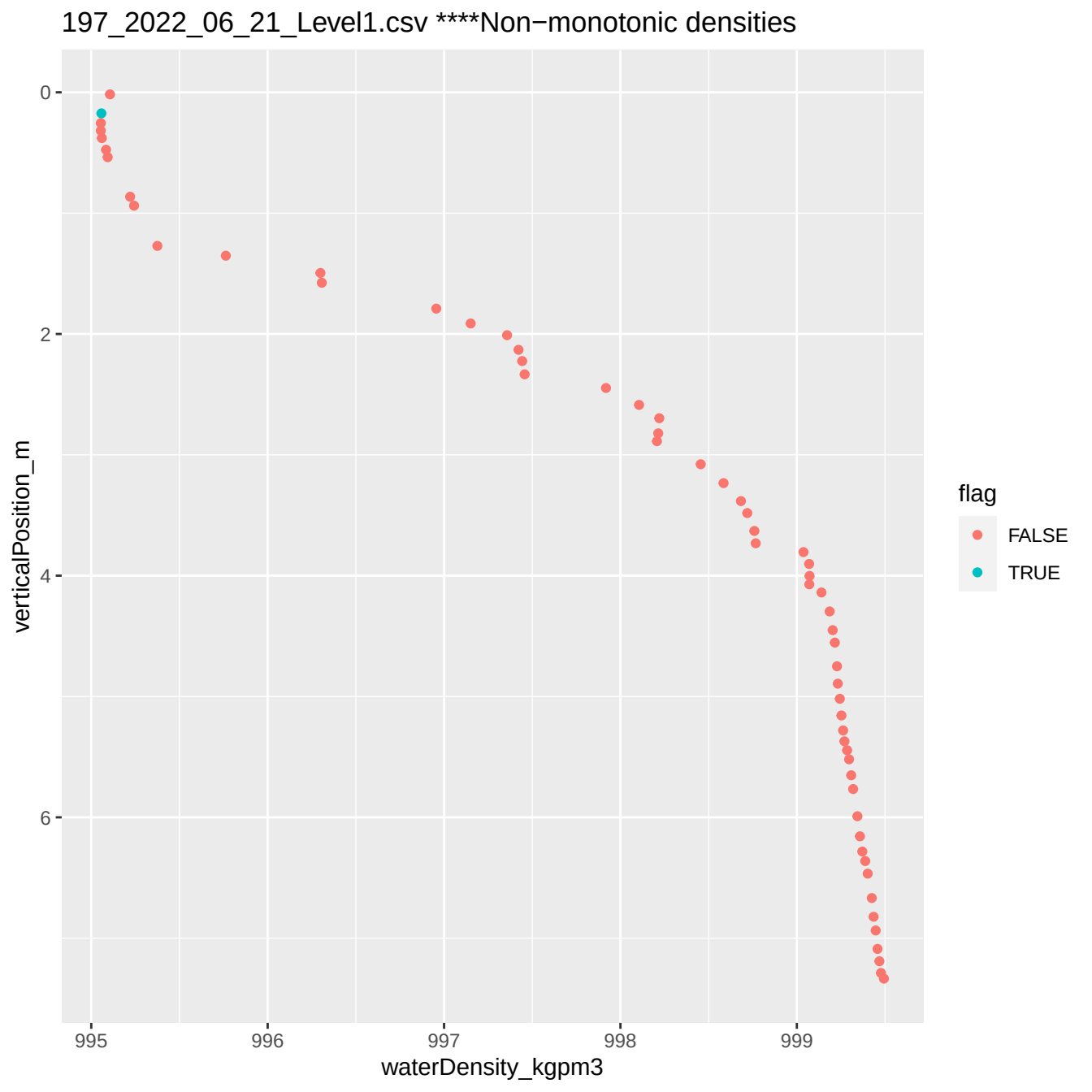

186_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
45
00
15
30
dateTime

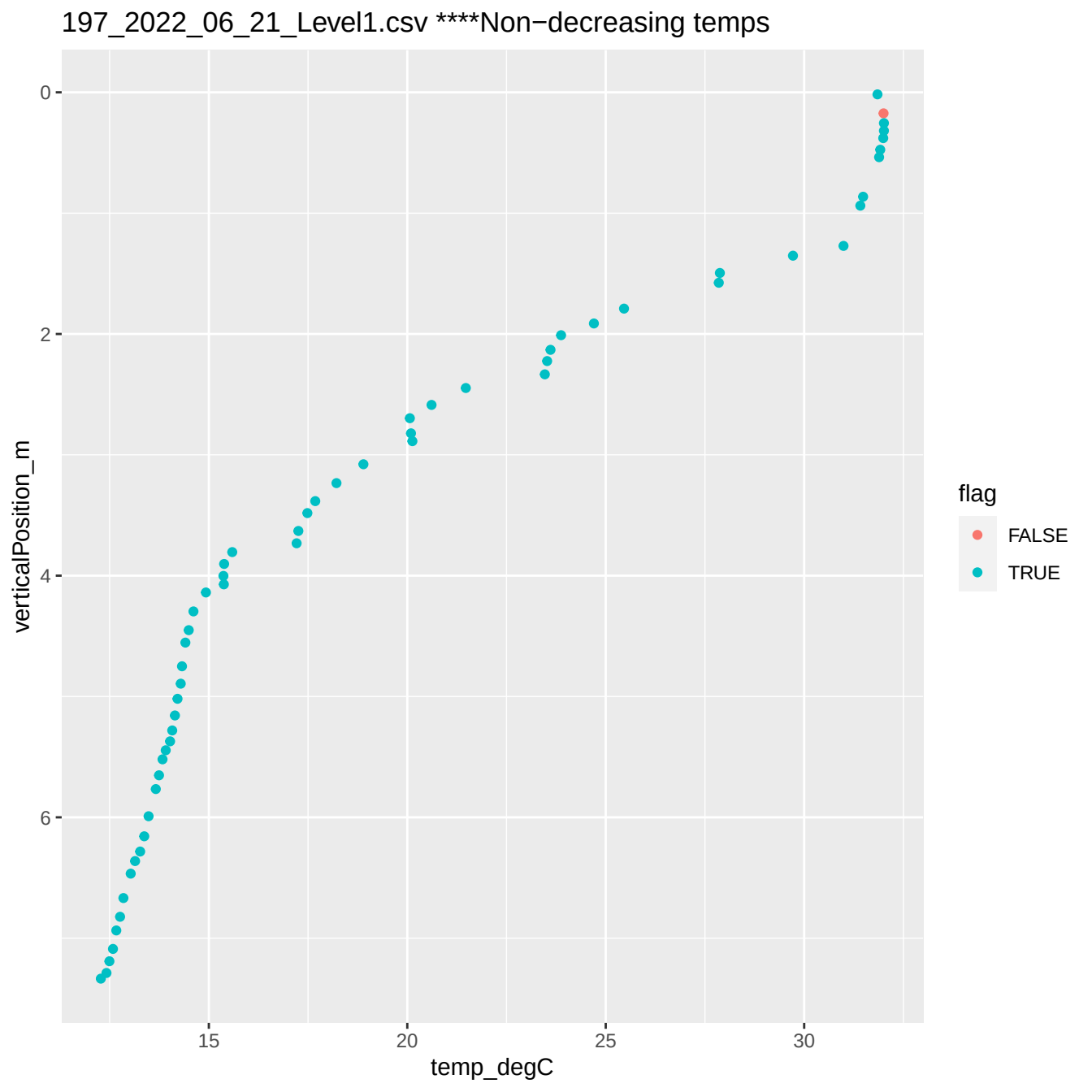

186_2022_08_09_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
00
15
30
45
dateTime

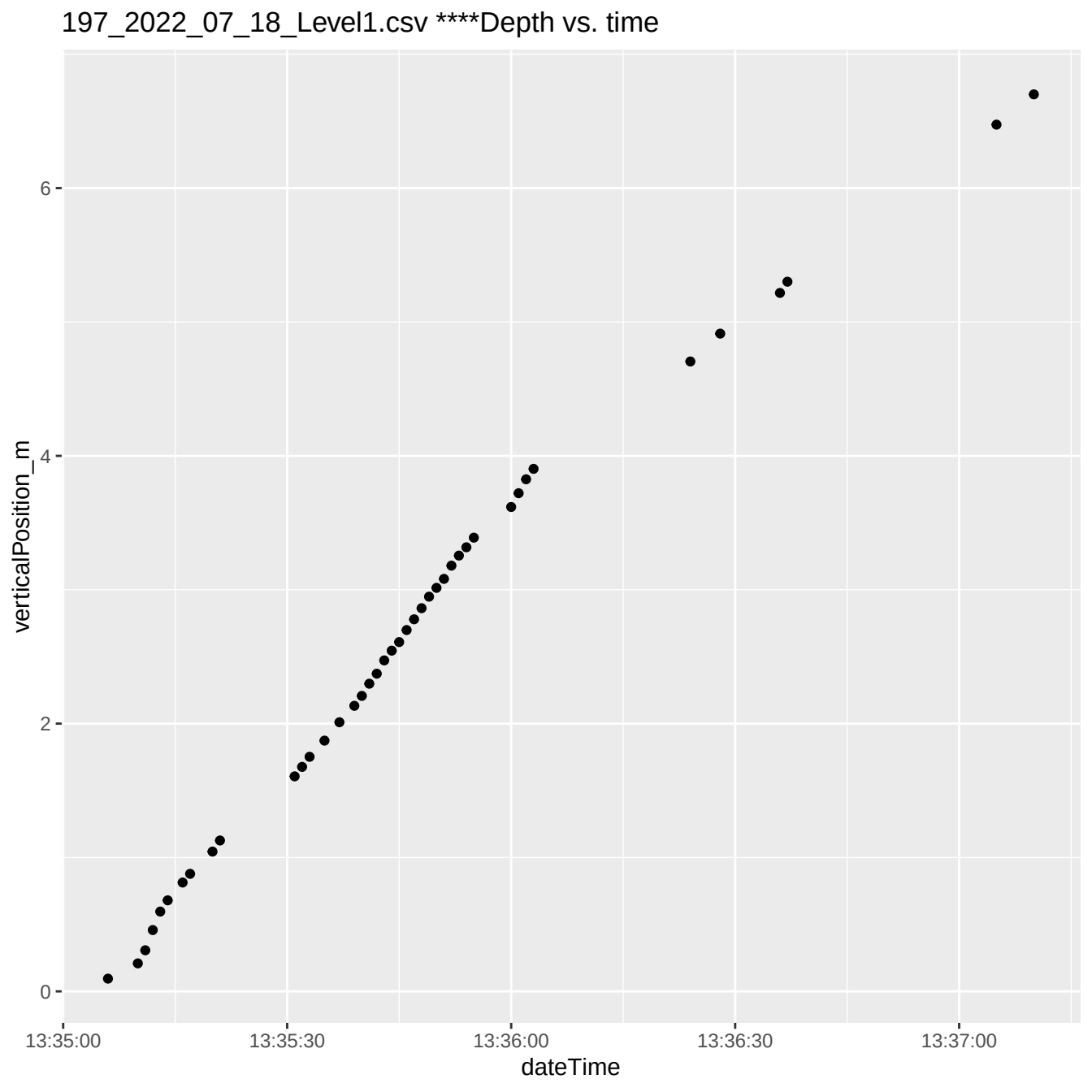

186_2022_08_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
0
50
100
150
200
turbidity_FNU

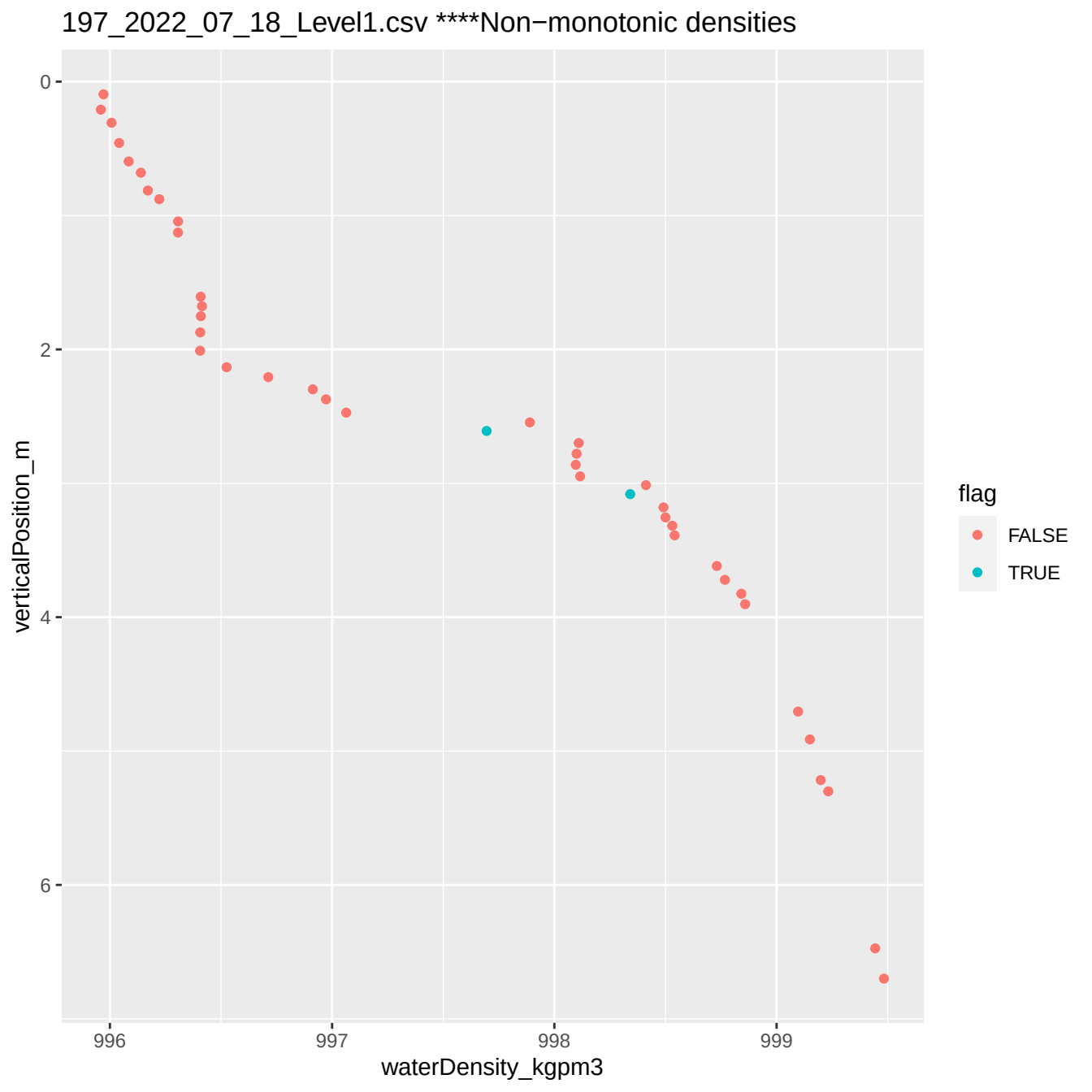

197_2022_05_31_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
14:05:00
14:05:30
14:06:00
dateTime

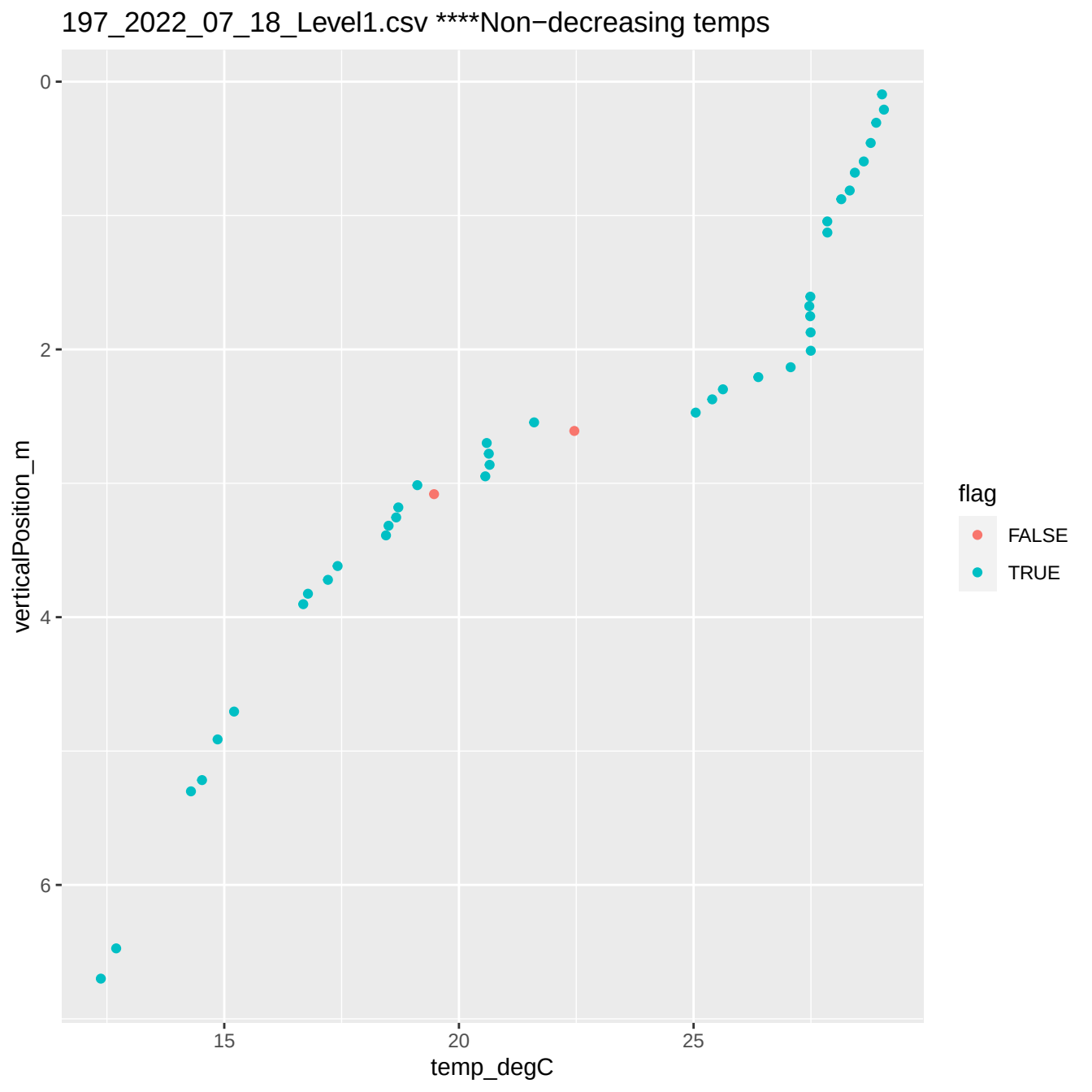

197_2022_06_21_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:39:00
13:39:30
13:40:00
dateTime

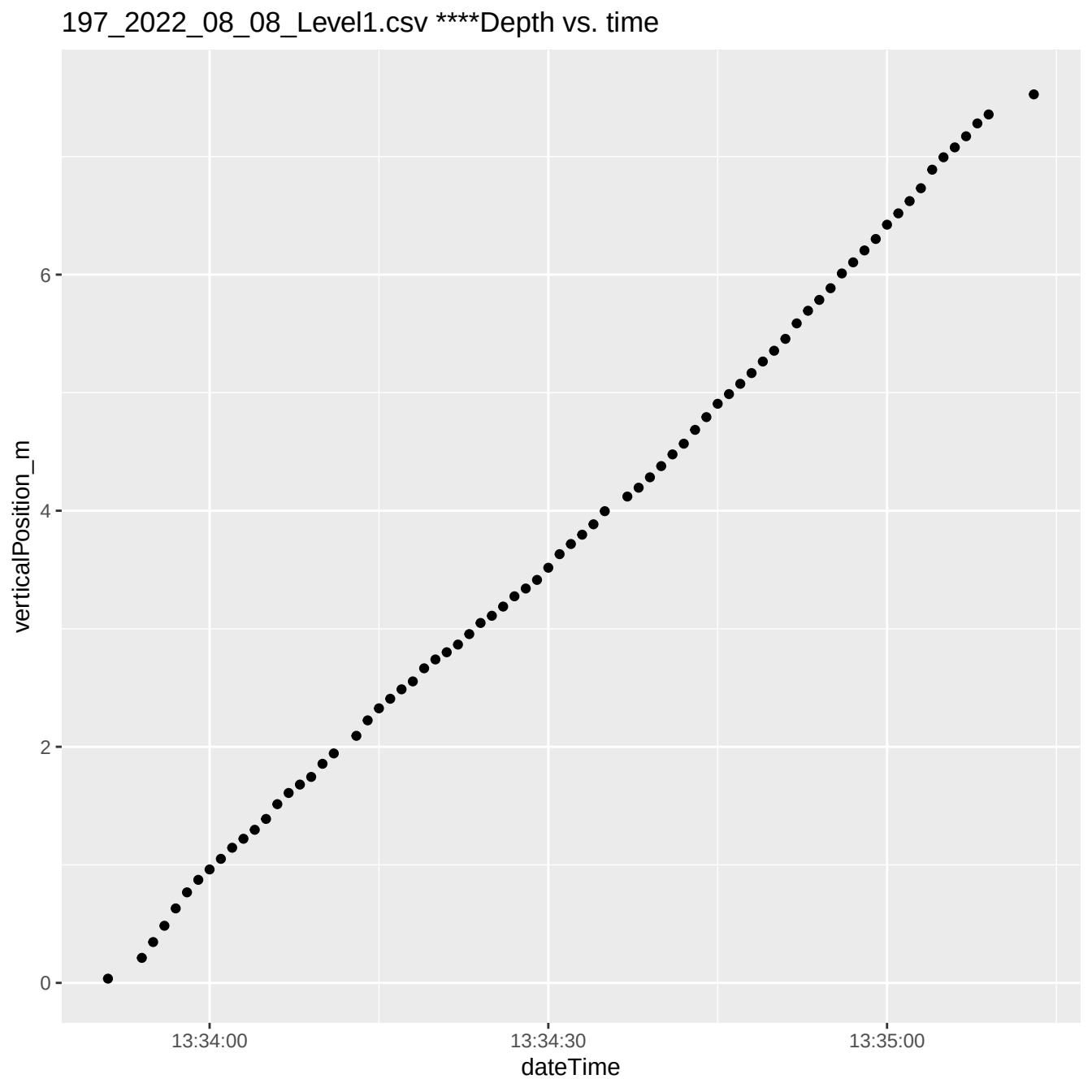

197_2022_06_21_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
995
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

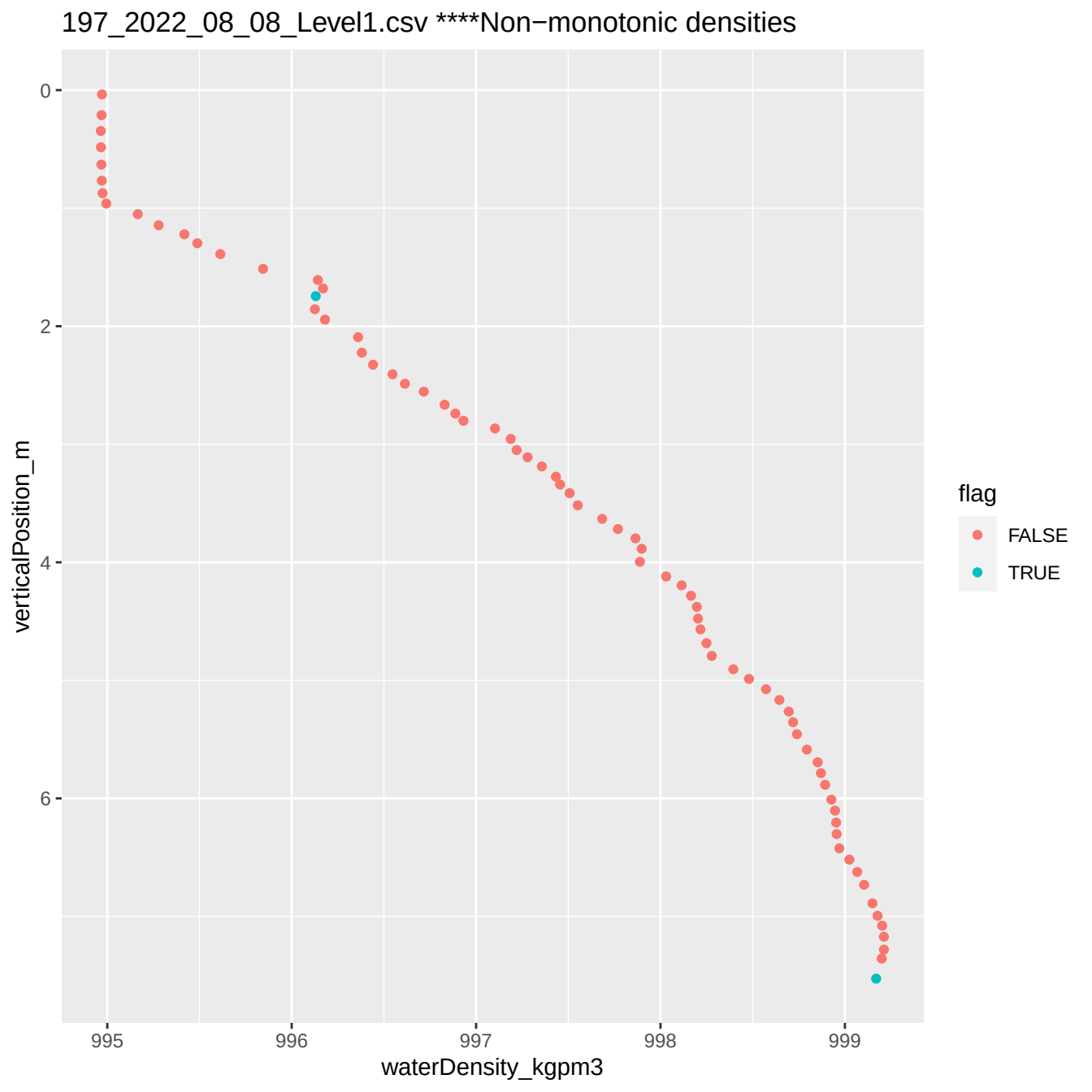

197_2022_06_21_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

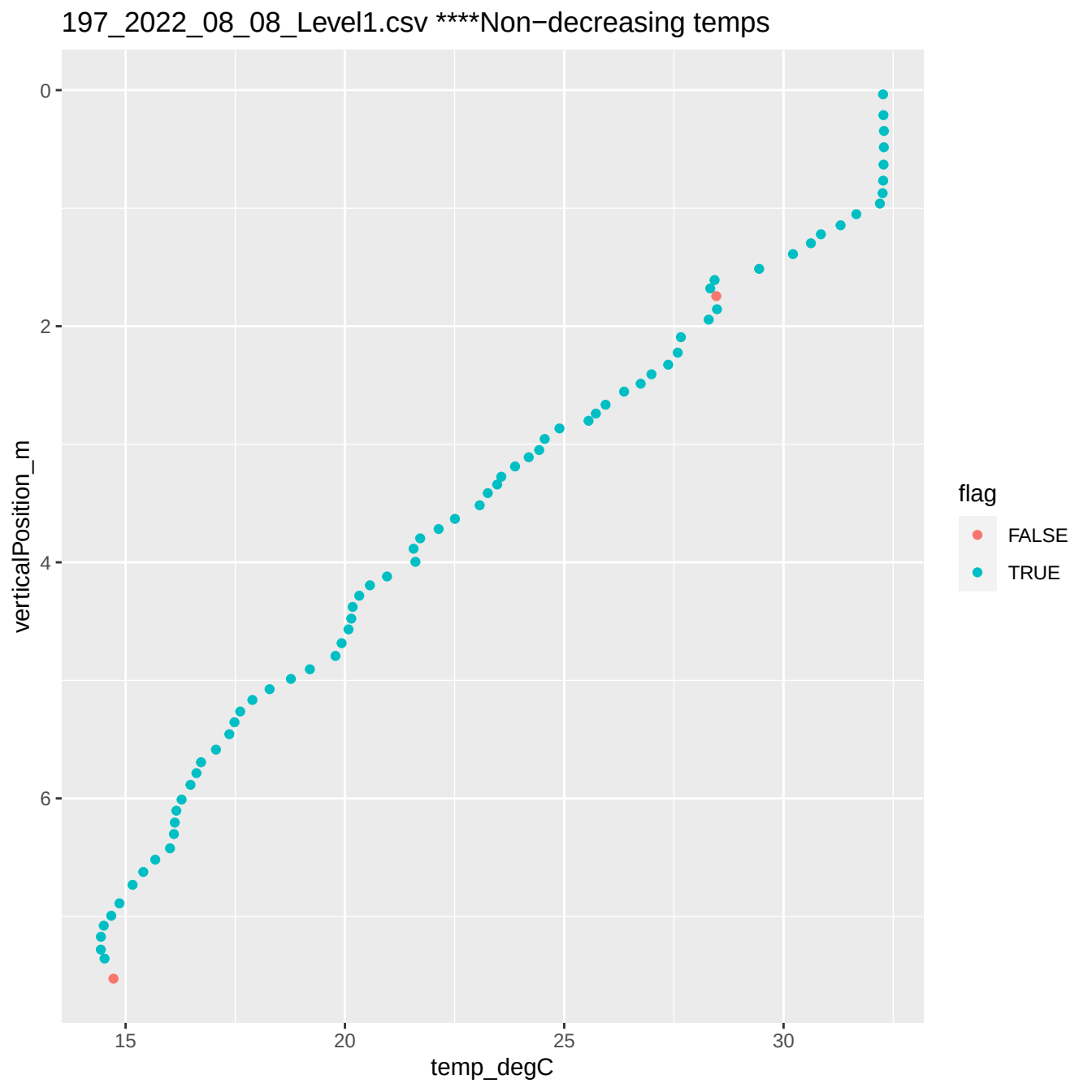

197_2022_07_18_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:35:00
13:35:30
13:36:00
13:36:30
13:37:00
dateTime

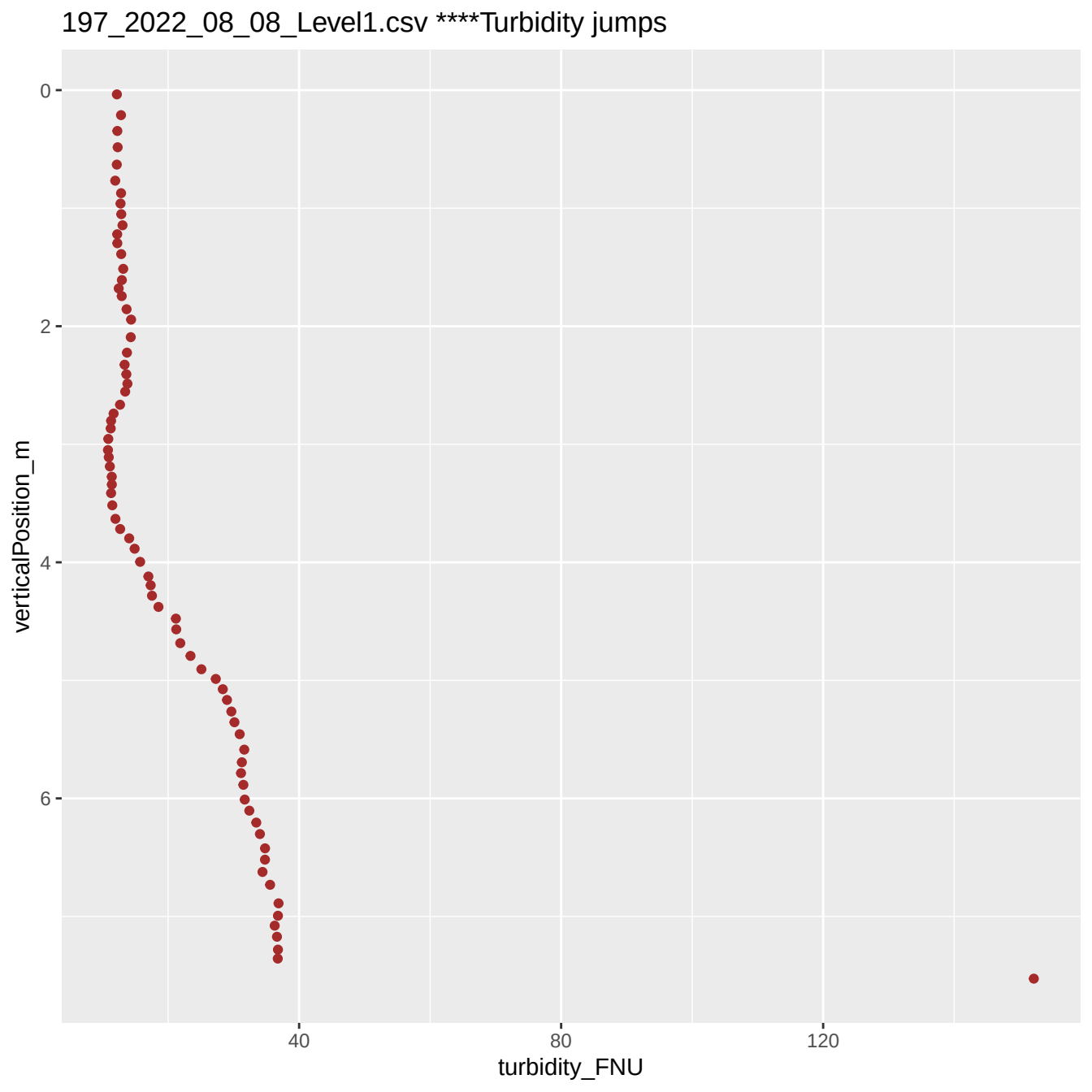

197_2022_07_18_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

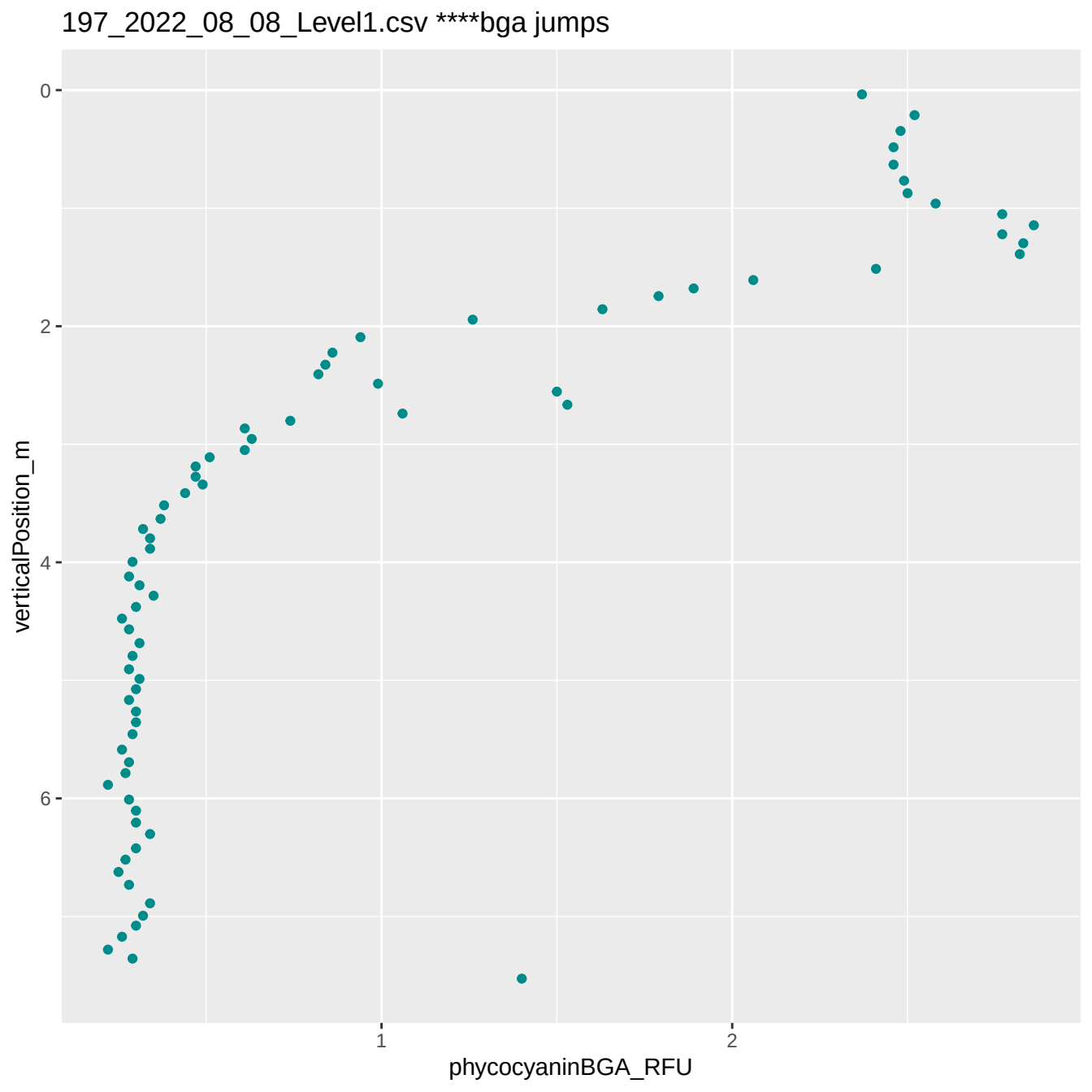

197_2022_07_18_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
flag
FALSE
TRUE

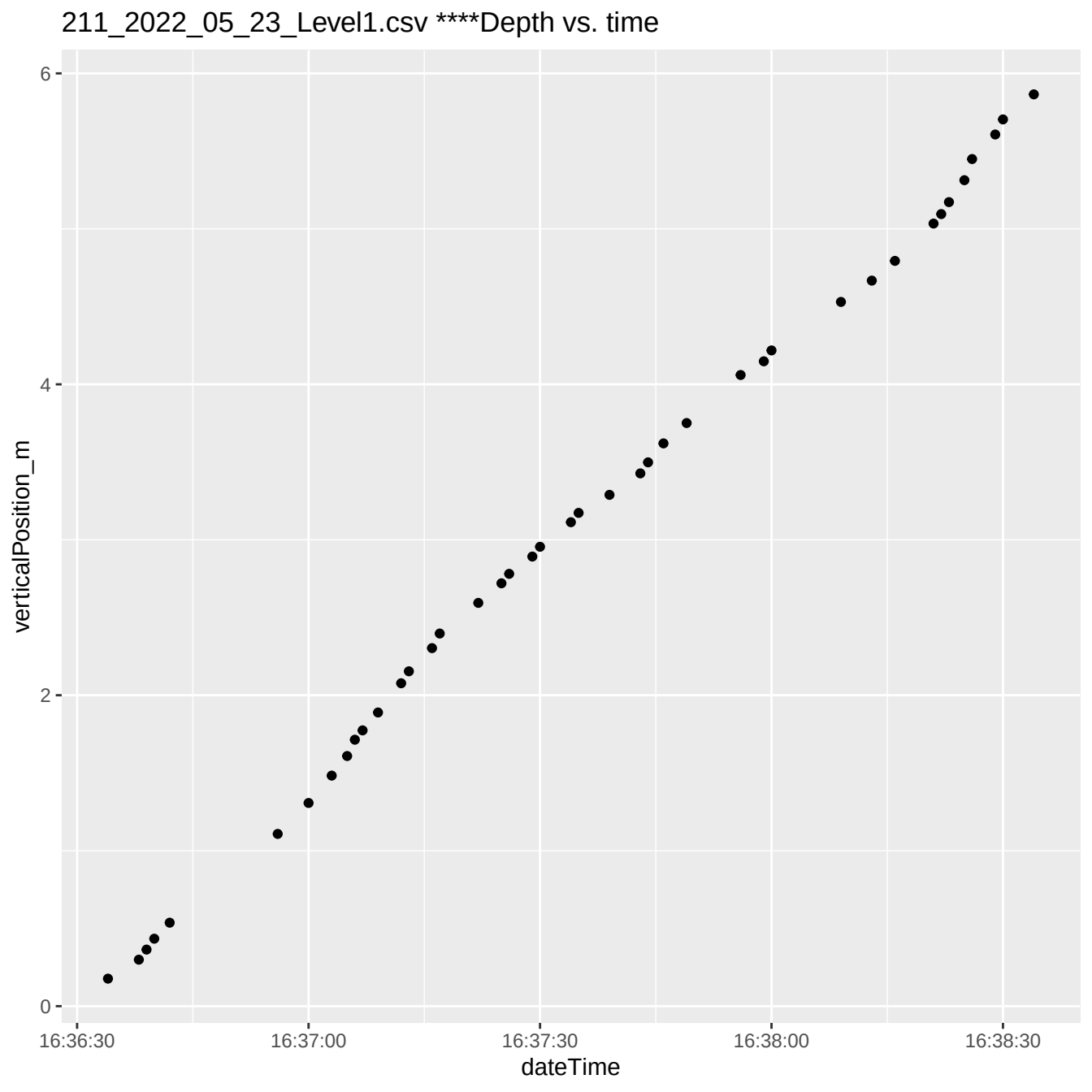

197_2022_08_08_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:34:00
13:34:30
13:35:00
dateTime

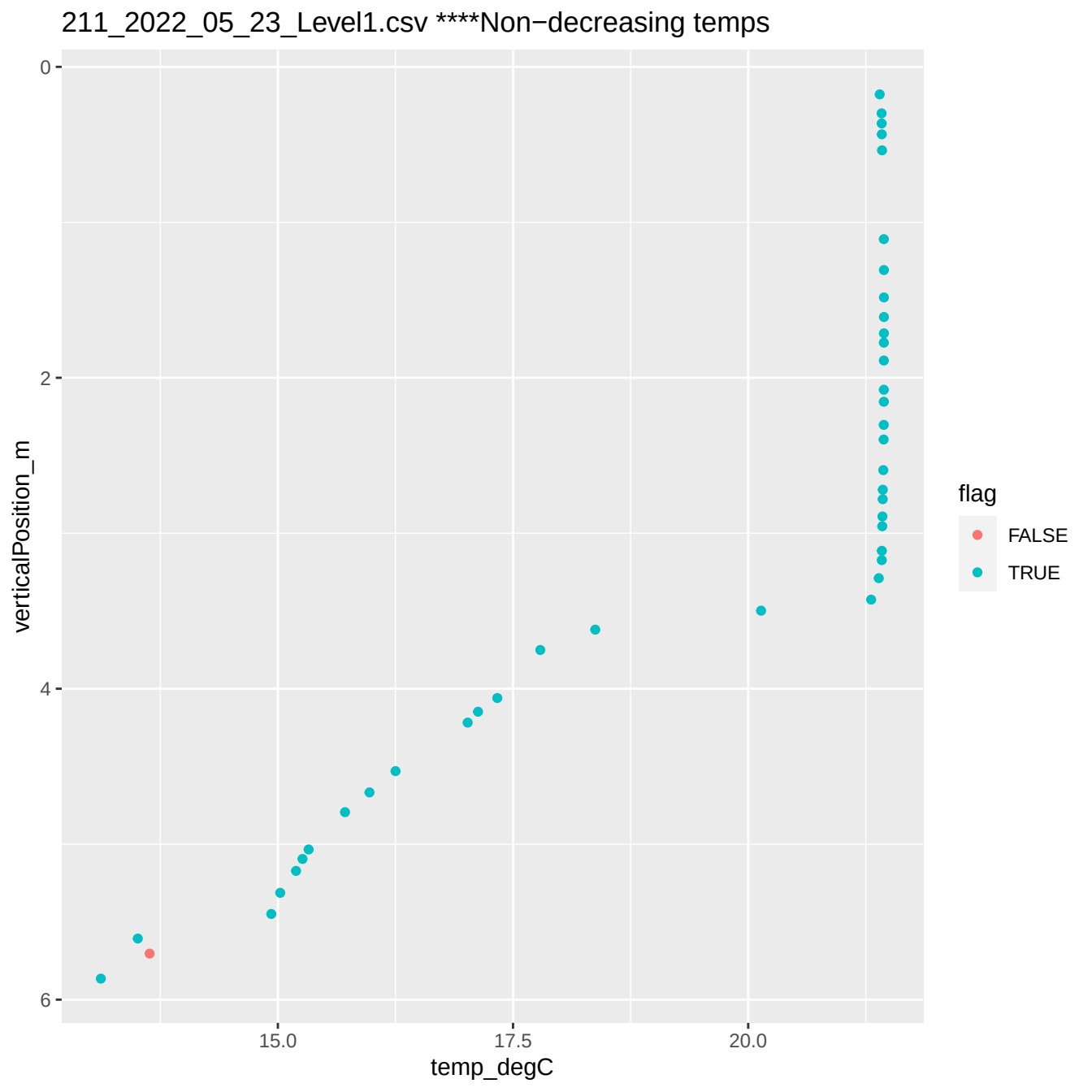

197_2022_08_08_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
waterDensity_kgpm3
995
996
997
998
999
flag
FALSE
TRUE

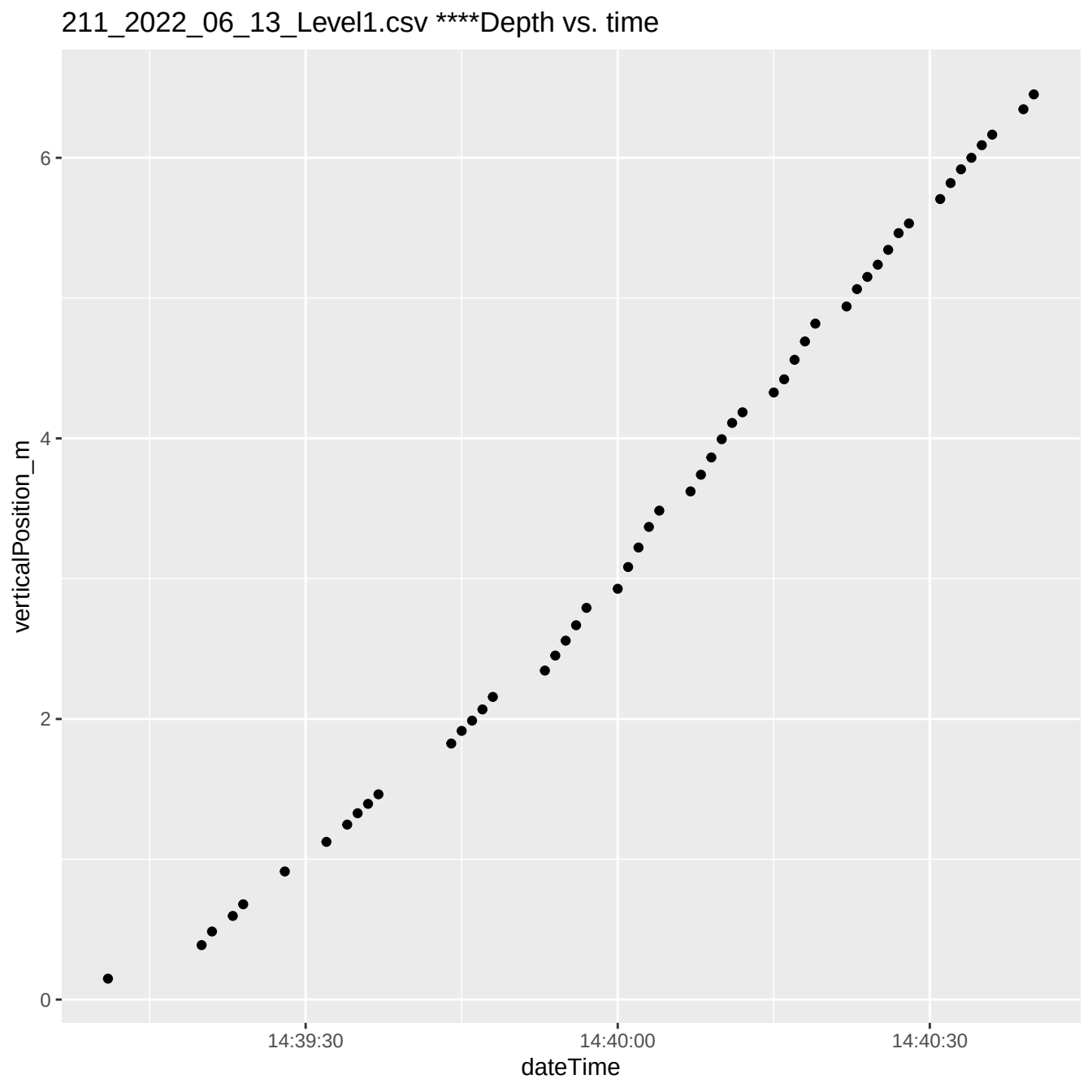

197_2022_08_08_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

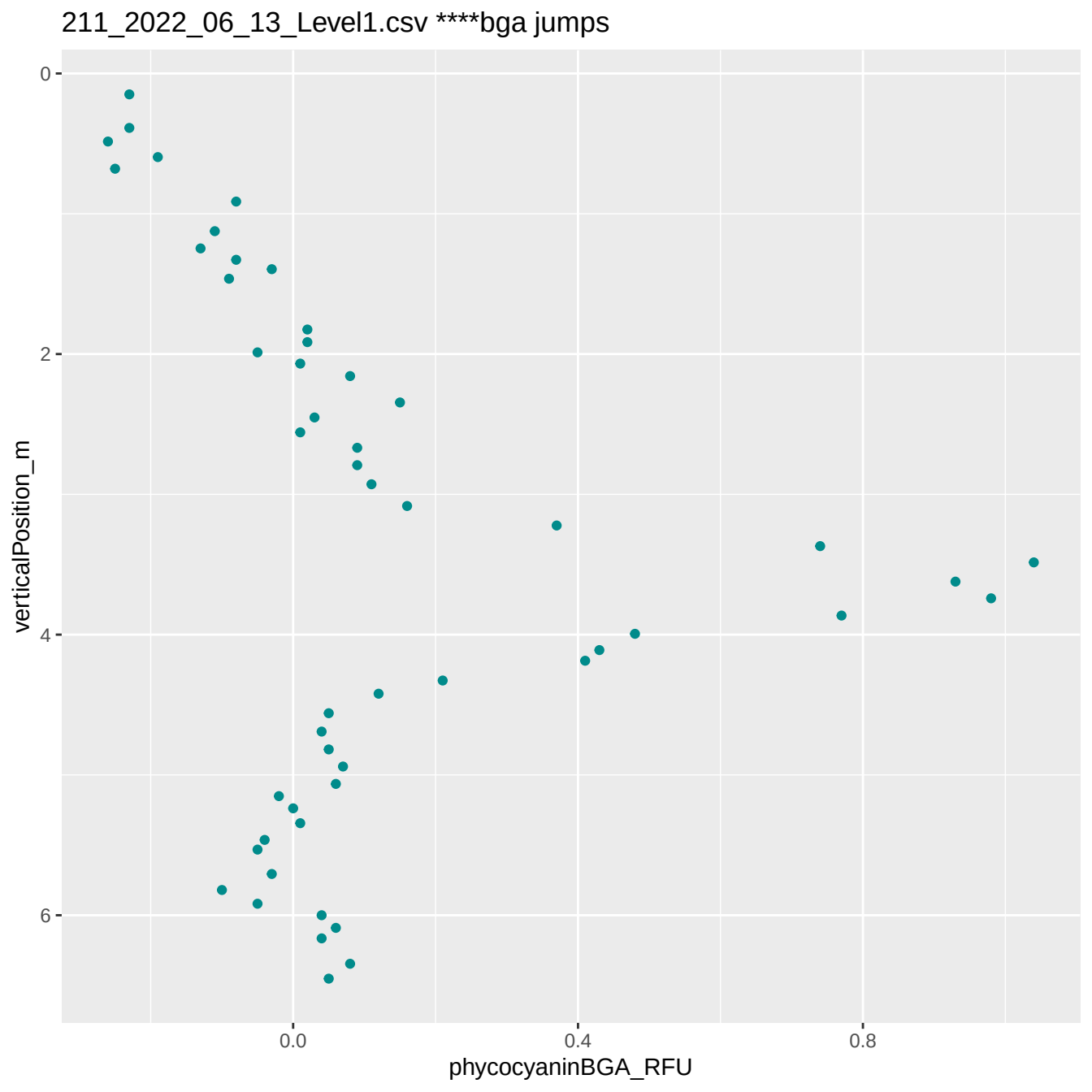

197_2022_08_08_Level1.csv ****Turbidity jumps
0
2
4
6
verticalPosition_m
40
80
120
turbidity_FNU

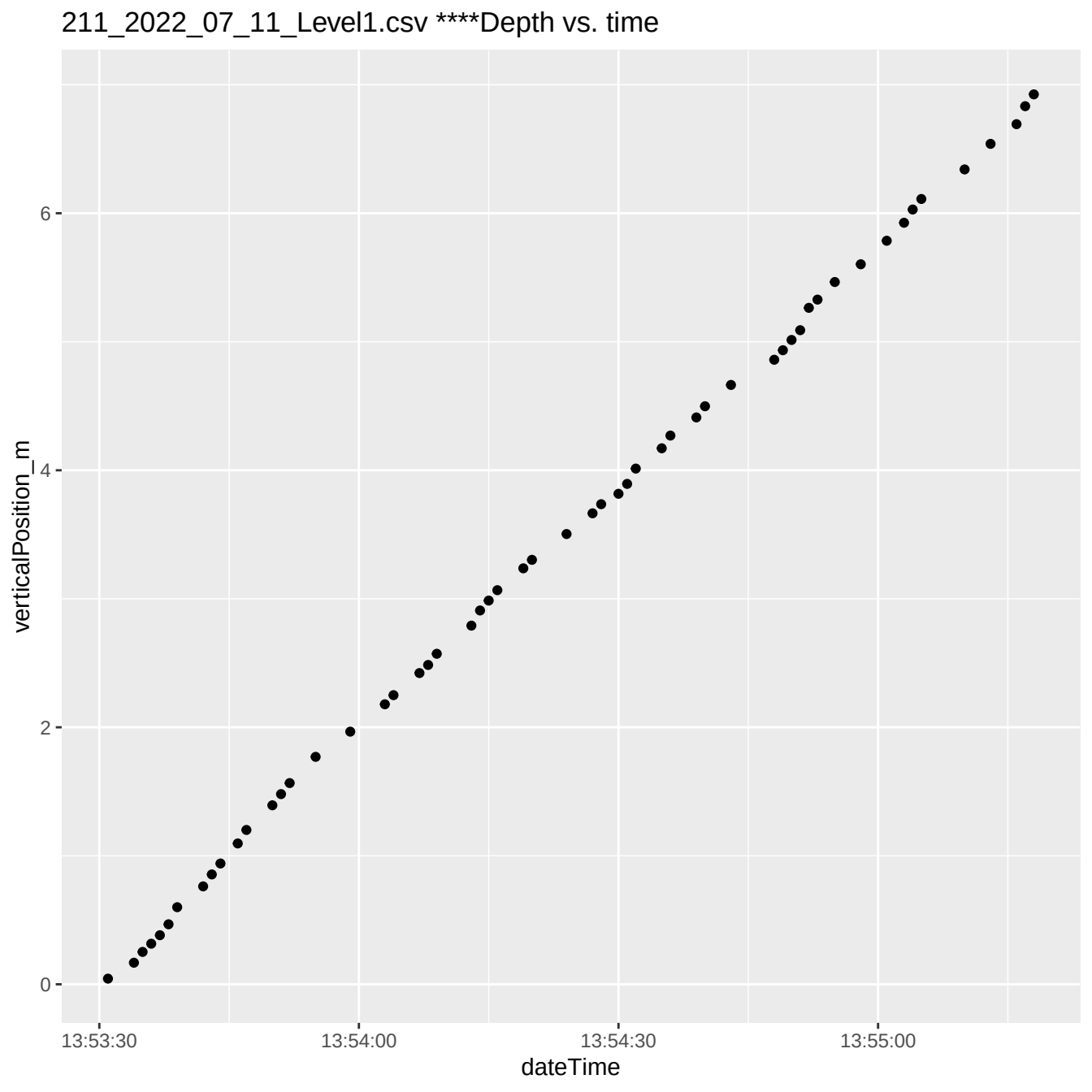

197_2022_08_08_Level1.csv ****bga jumps
0
2
4
6
verticalPosition_m
1
2
phycocyaninBGA_RFU

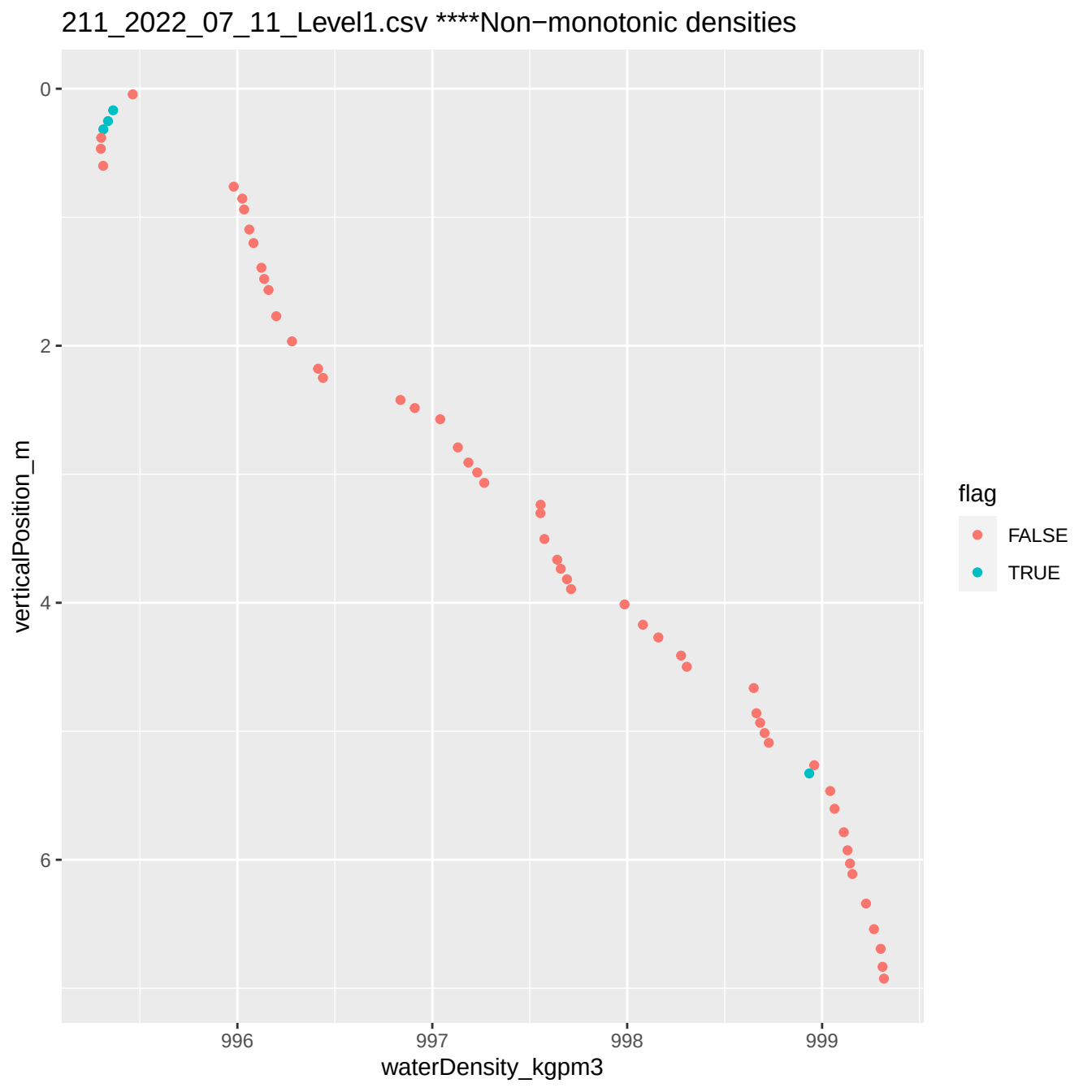

211_2022_05_23_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
16:36:30
16:37:00
16:37:30
16:38:00
16:38:30
dateTime

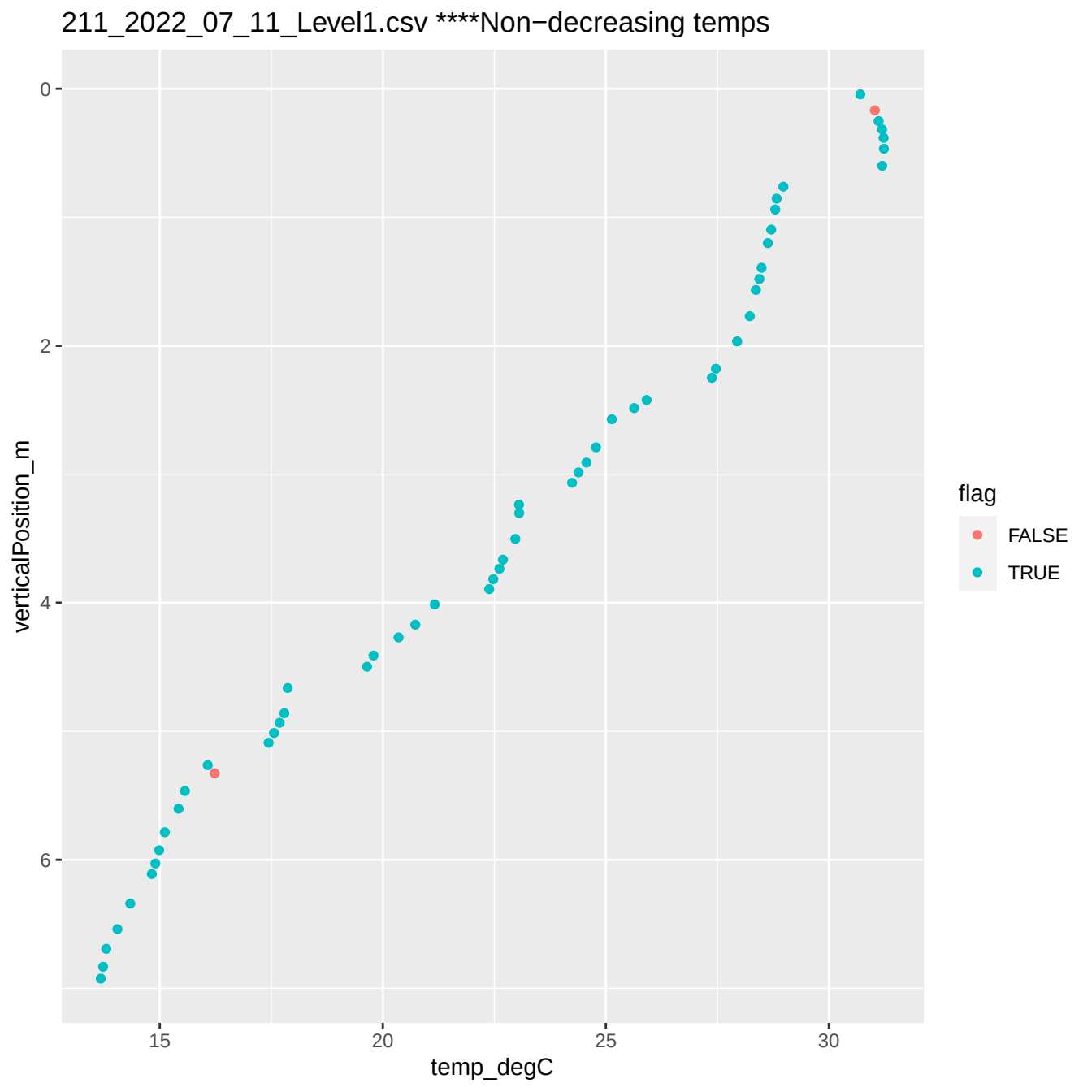

211_2022_05_23_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
15.0
17.5
20.0
temp_degC
flag
FALSE
TRUE

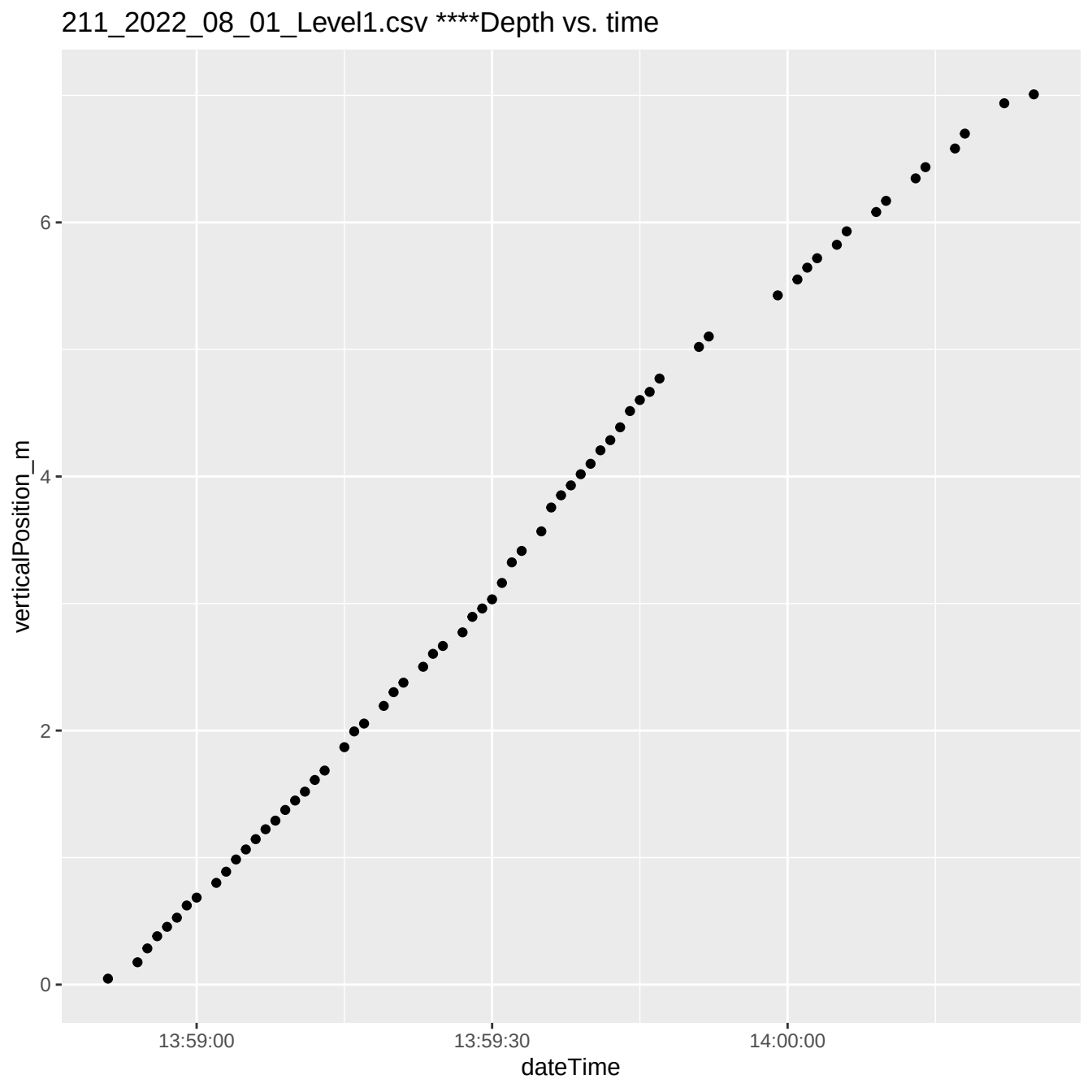

211_2022_06_13_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
14:39:30
14:40:00
14:40:30
dateTime

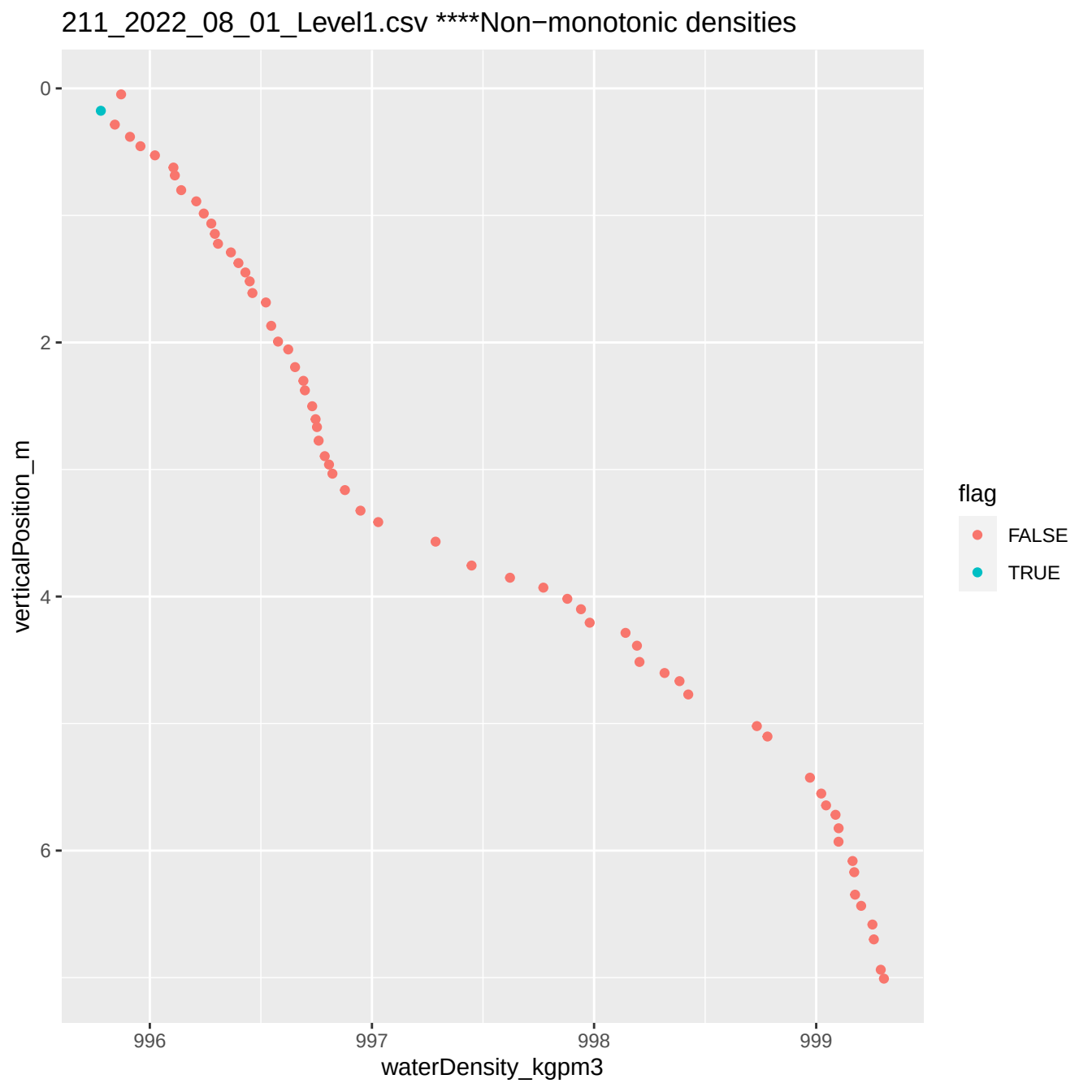

211_2022_06_13_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0.0
0.4
0.8
phycocyaninBGA_RFU

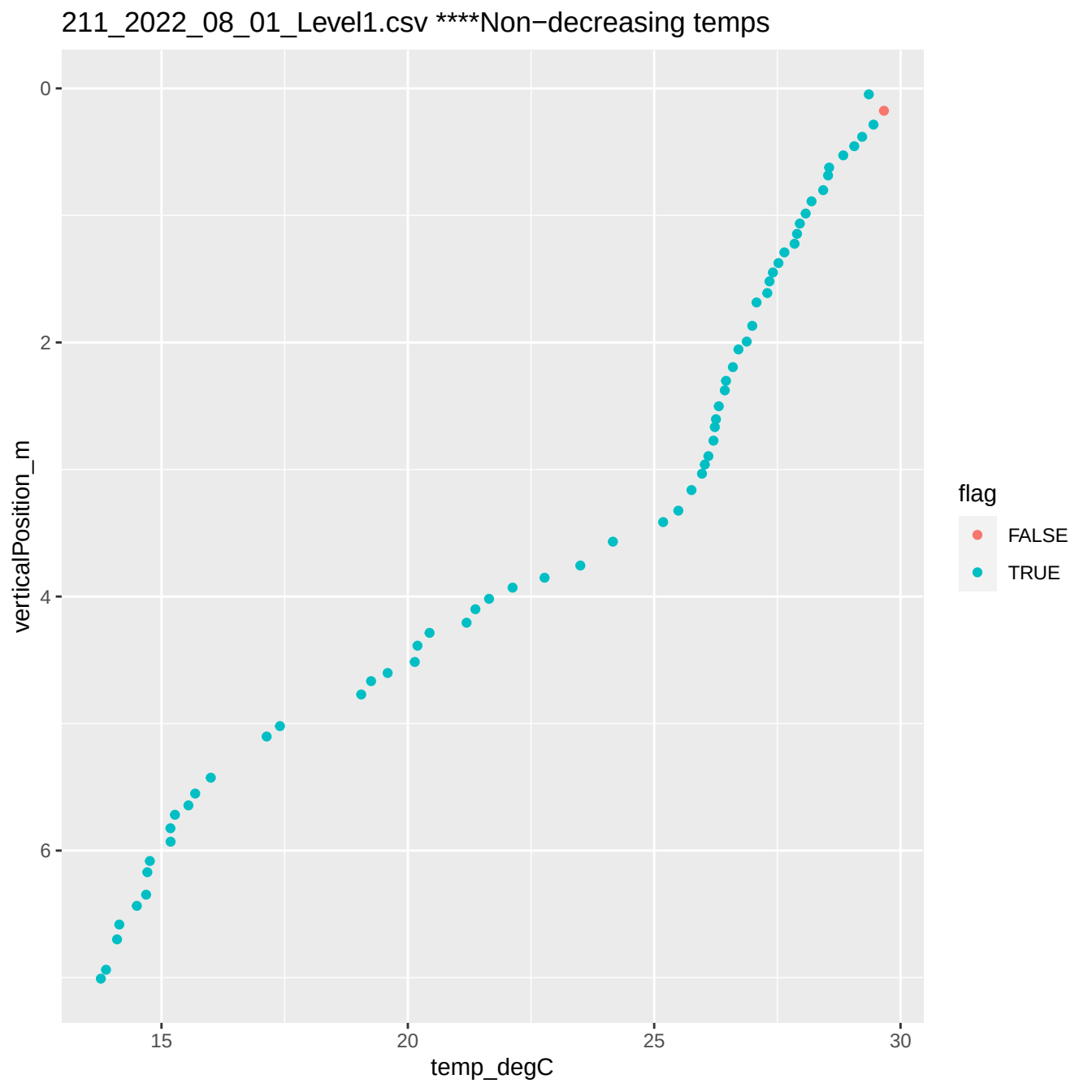

211_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:53:30
13:54:00
13:54:30
13:55:00
dateTime

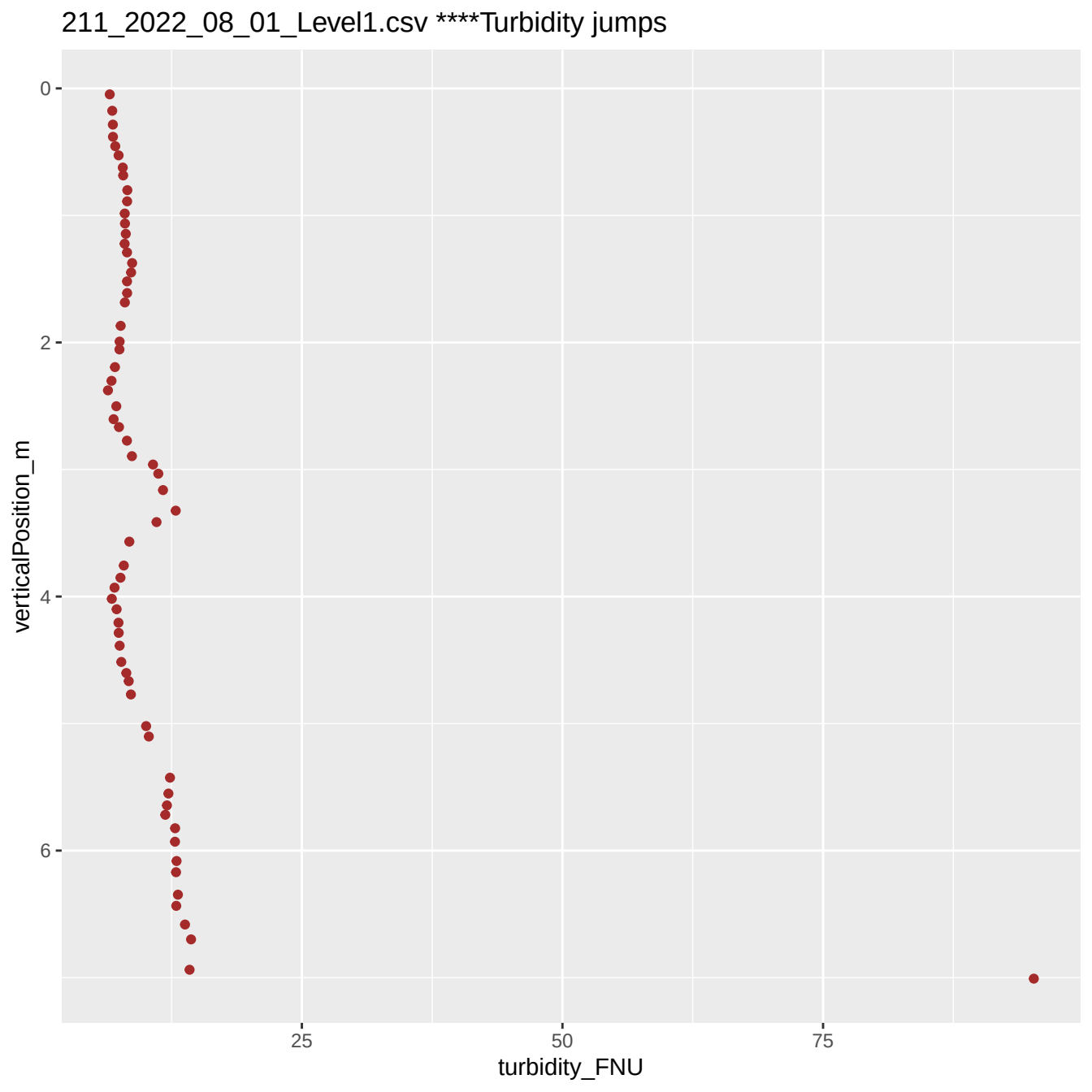

211_2022_07_11_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

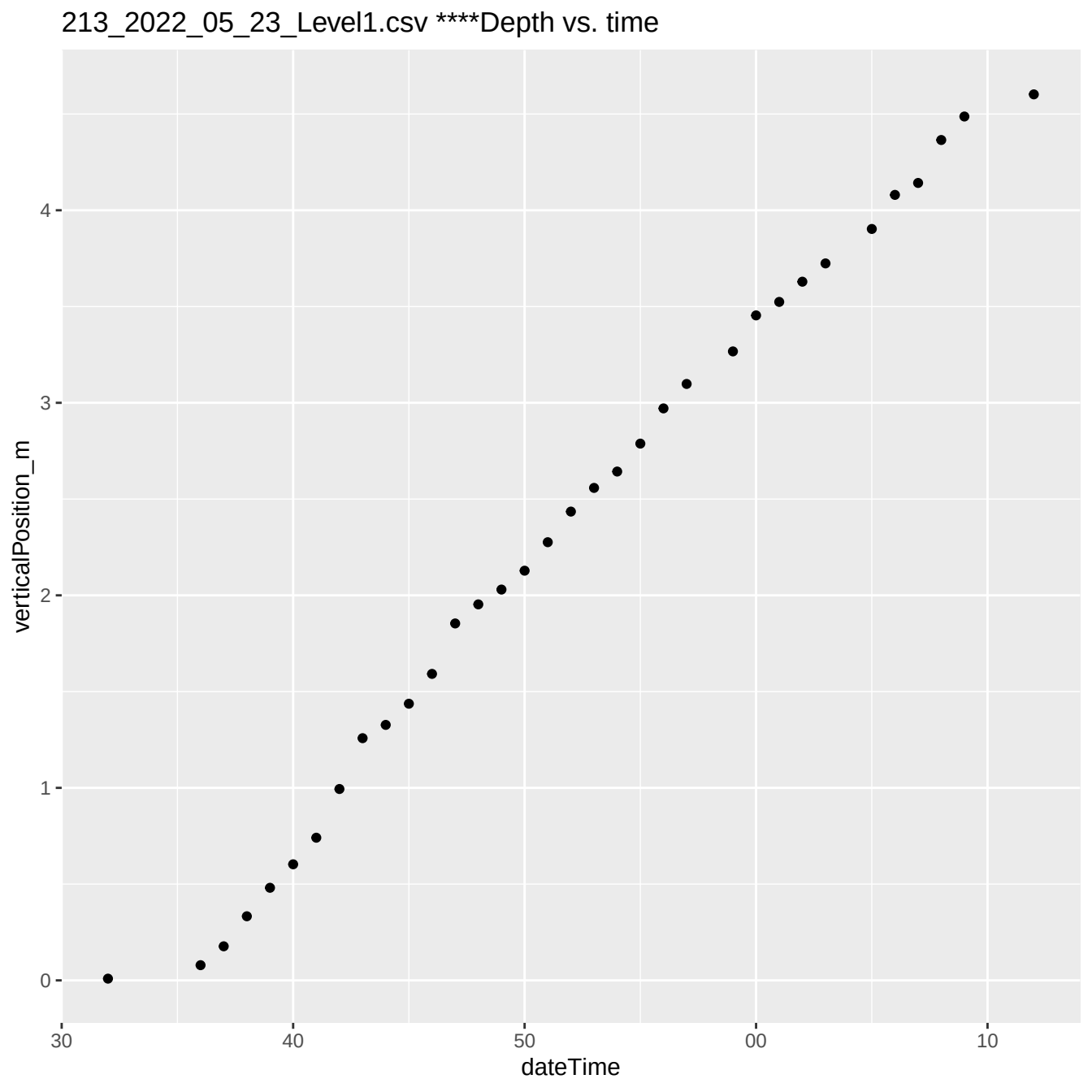

211_2022_07_11_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

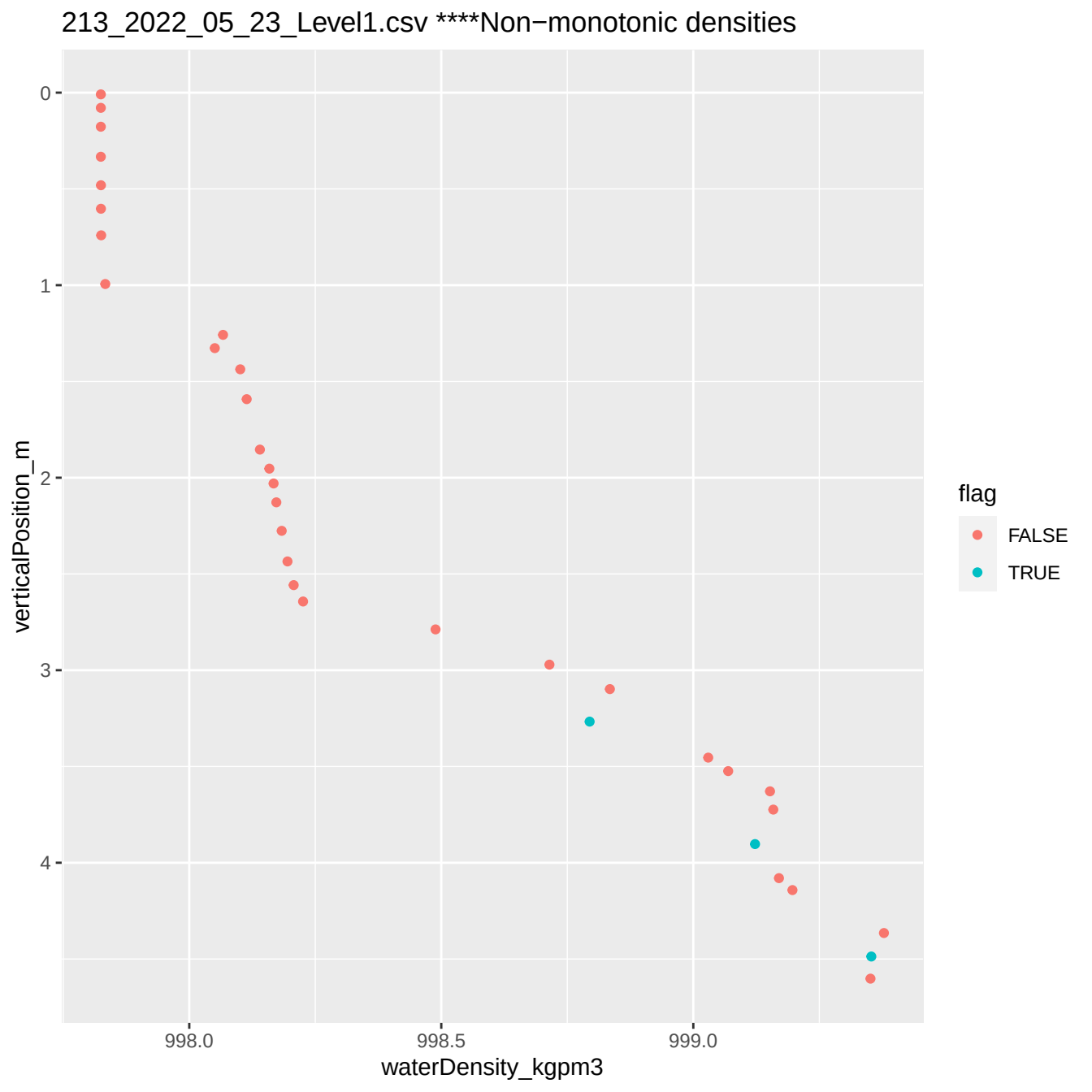

211_2022_08_01_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
13:59:00
13:59:30
14:00:00
dateTime

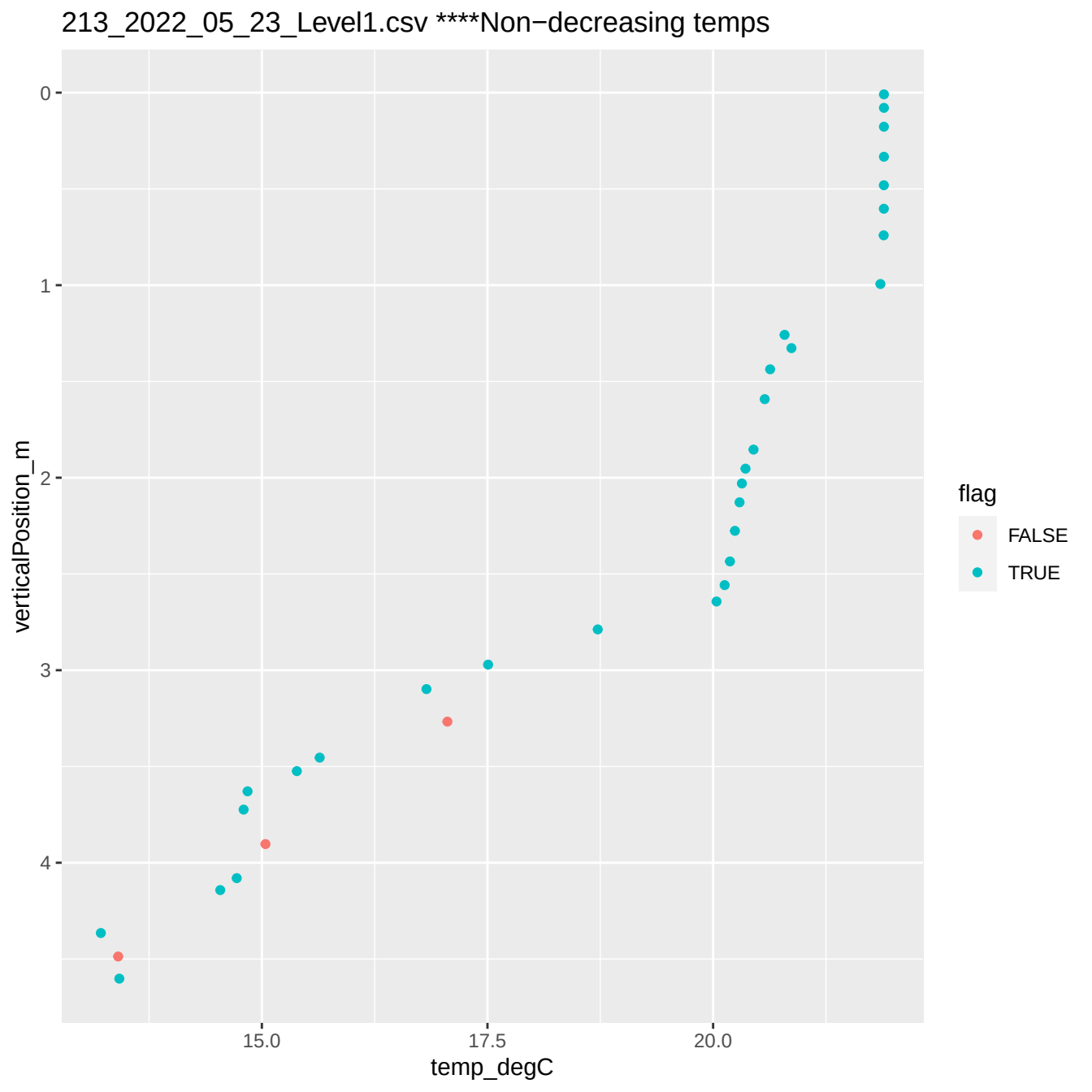

211_2022_08_01_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

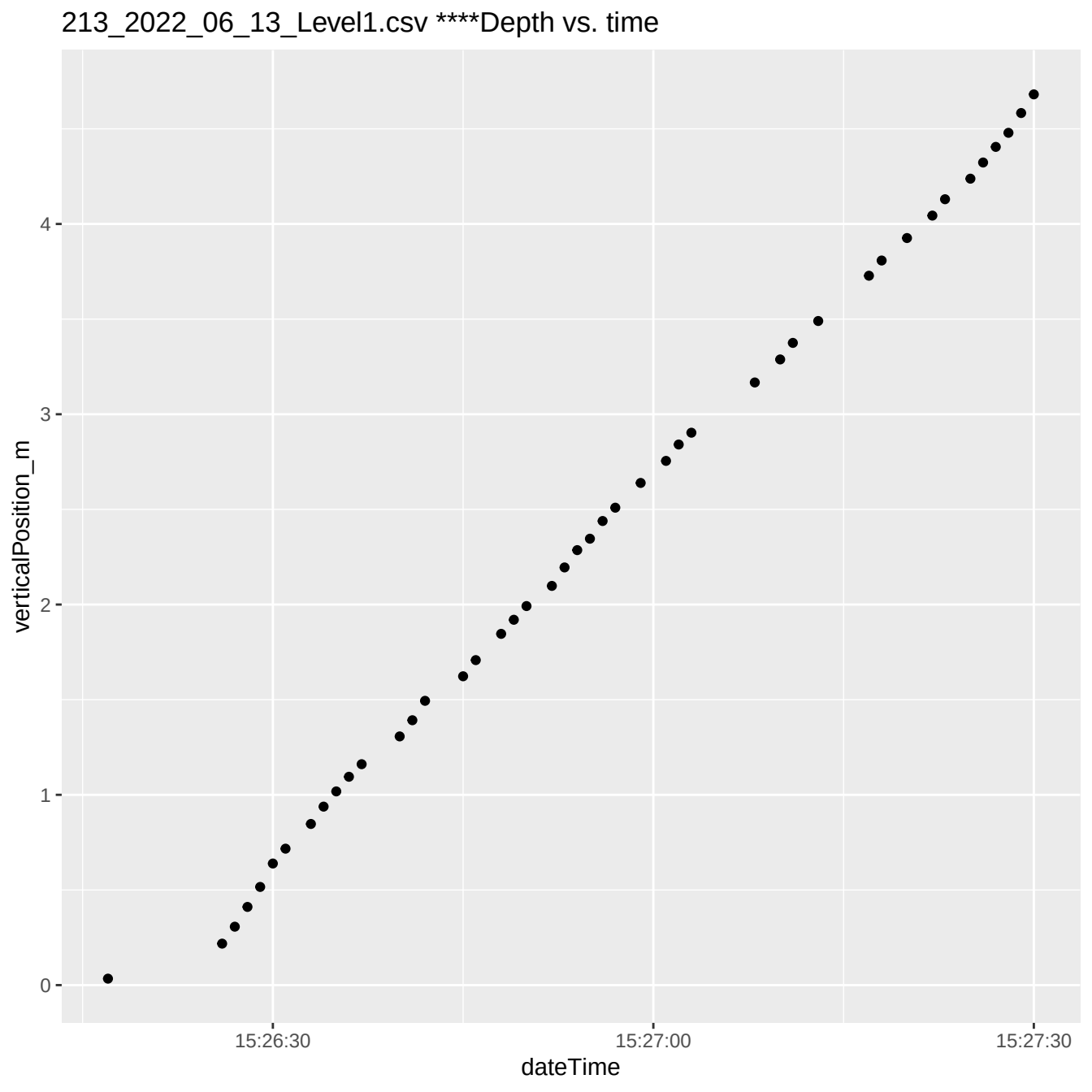

211_2022_08_01_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

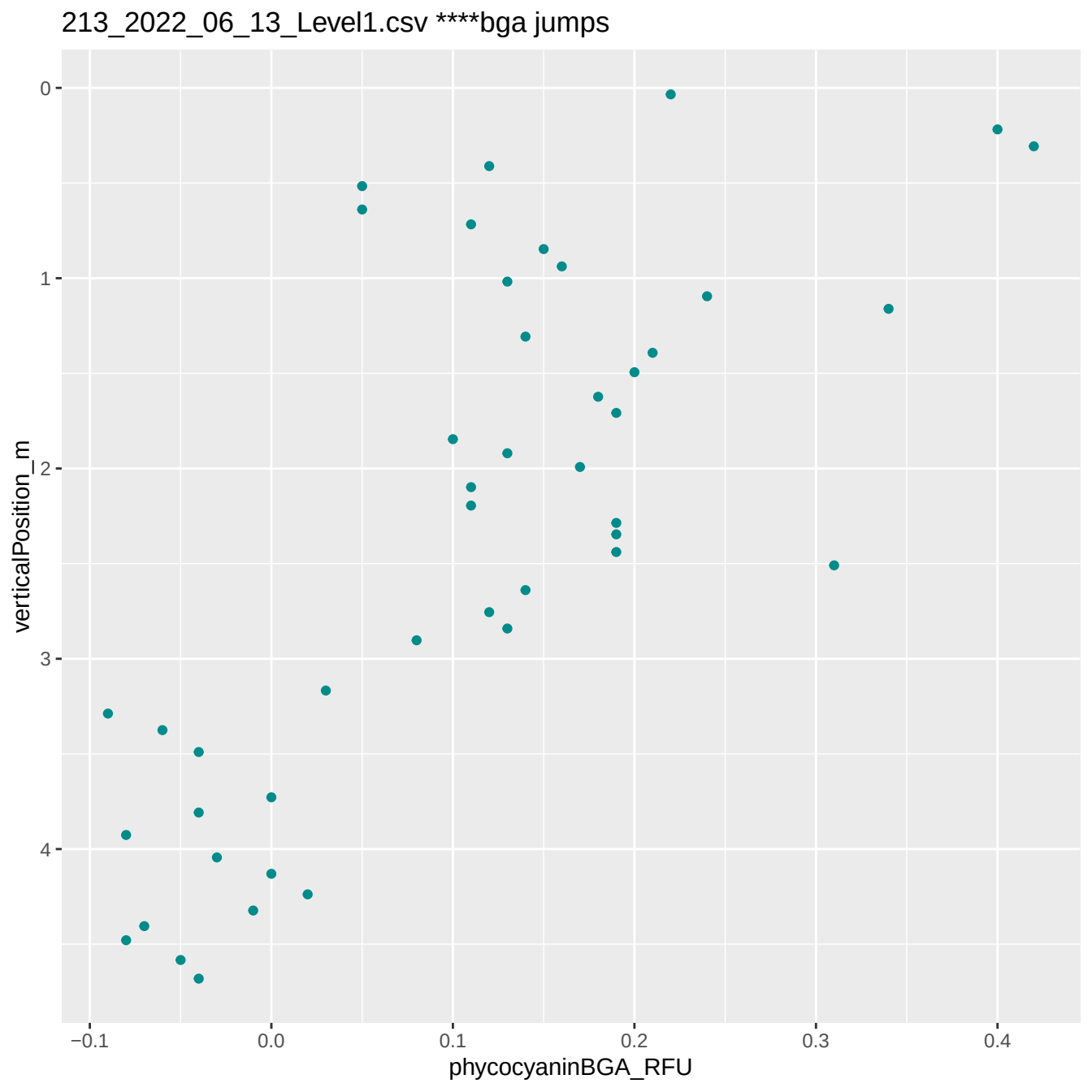

211_2022_08_01_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
25
50
75
turbidity_FNU

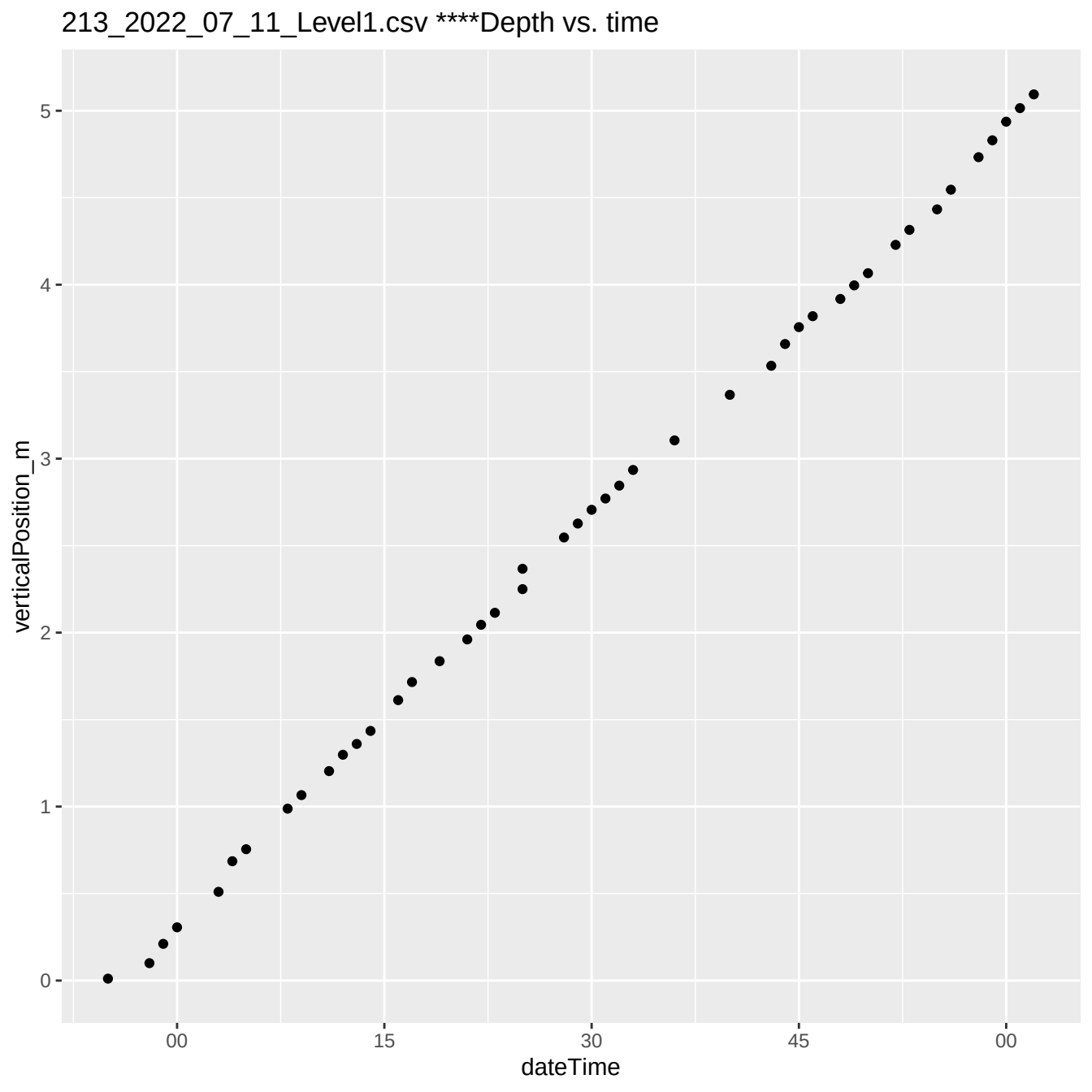

213_2022_05_23_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
30
40
50
00
10
dateTime

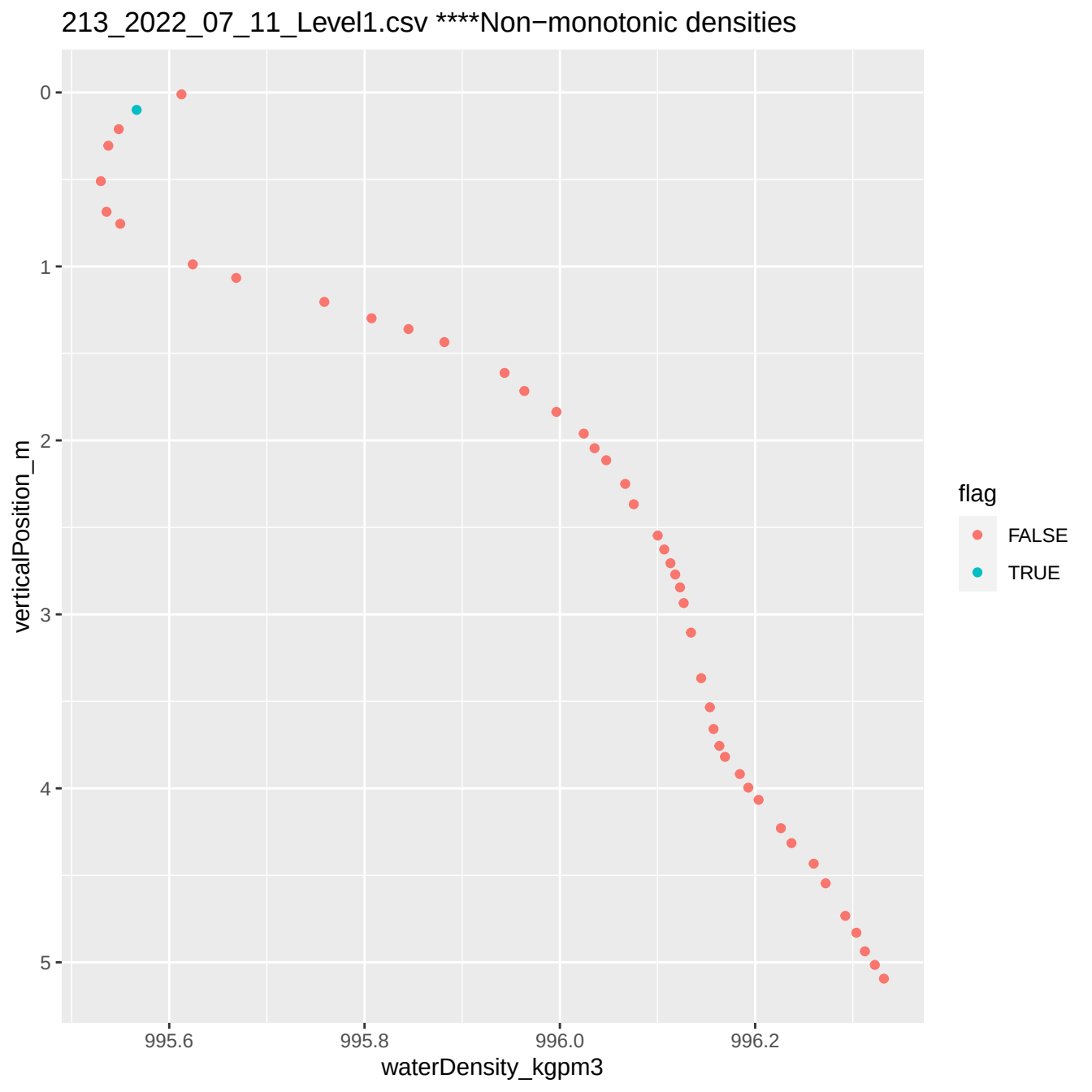

213_2022_05_23_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
998.0
998.5
999.0
waterDensity_kgpm3
flag
FALSE
TRUE

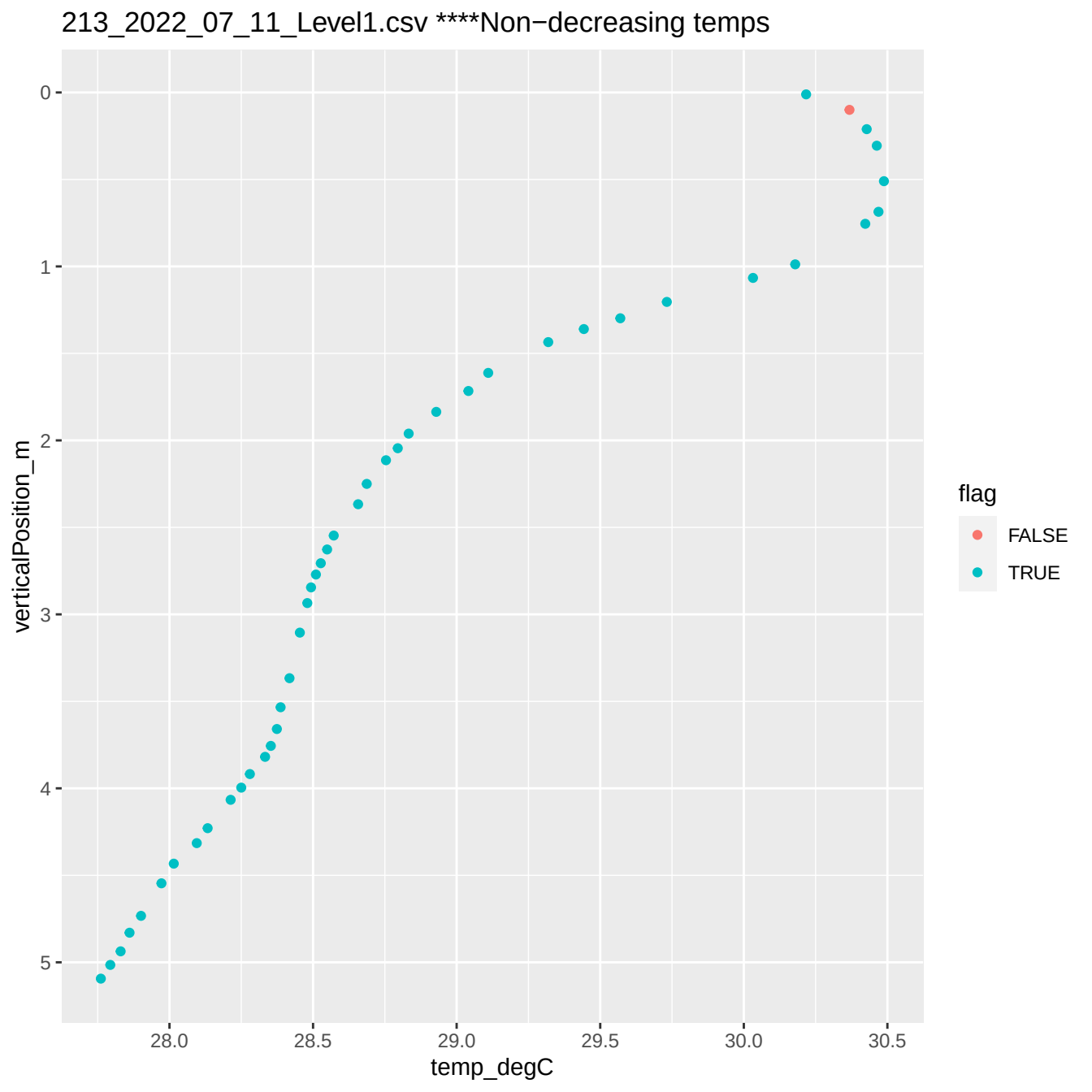

213_2022_05_23_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
15.0
17.5
20.0
temp_degC
flag
FALSE
TRUE

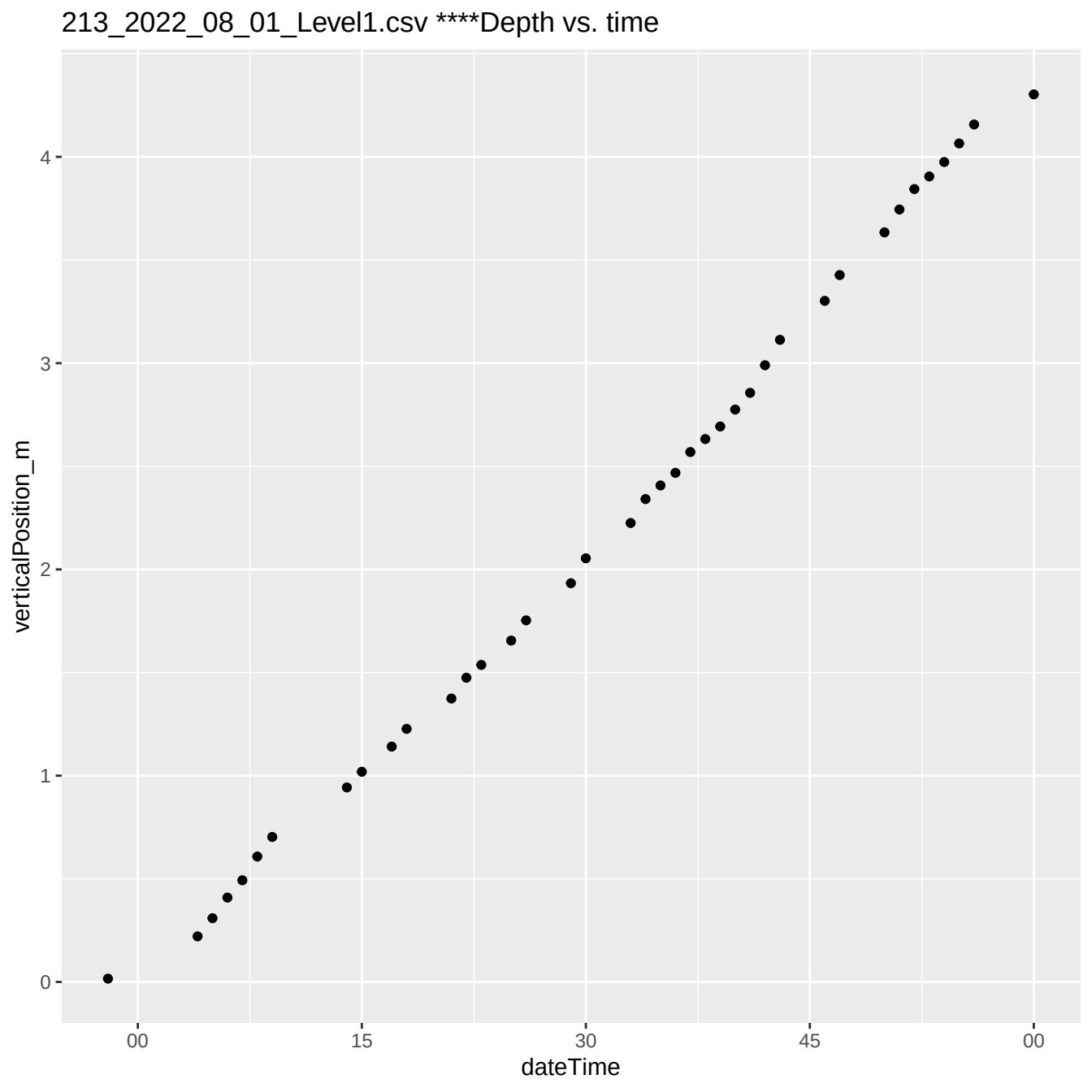

213_2022_06_13_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
15:26:30
15:27:00
15:27:30
dateTime

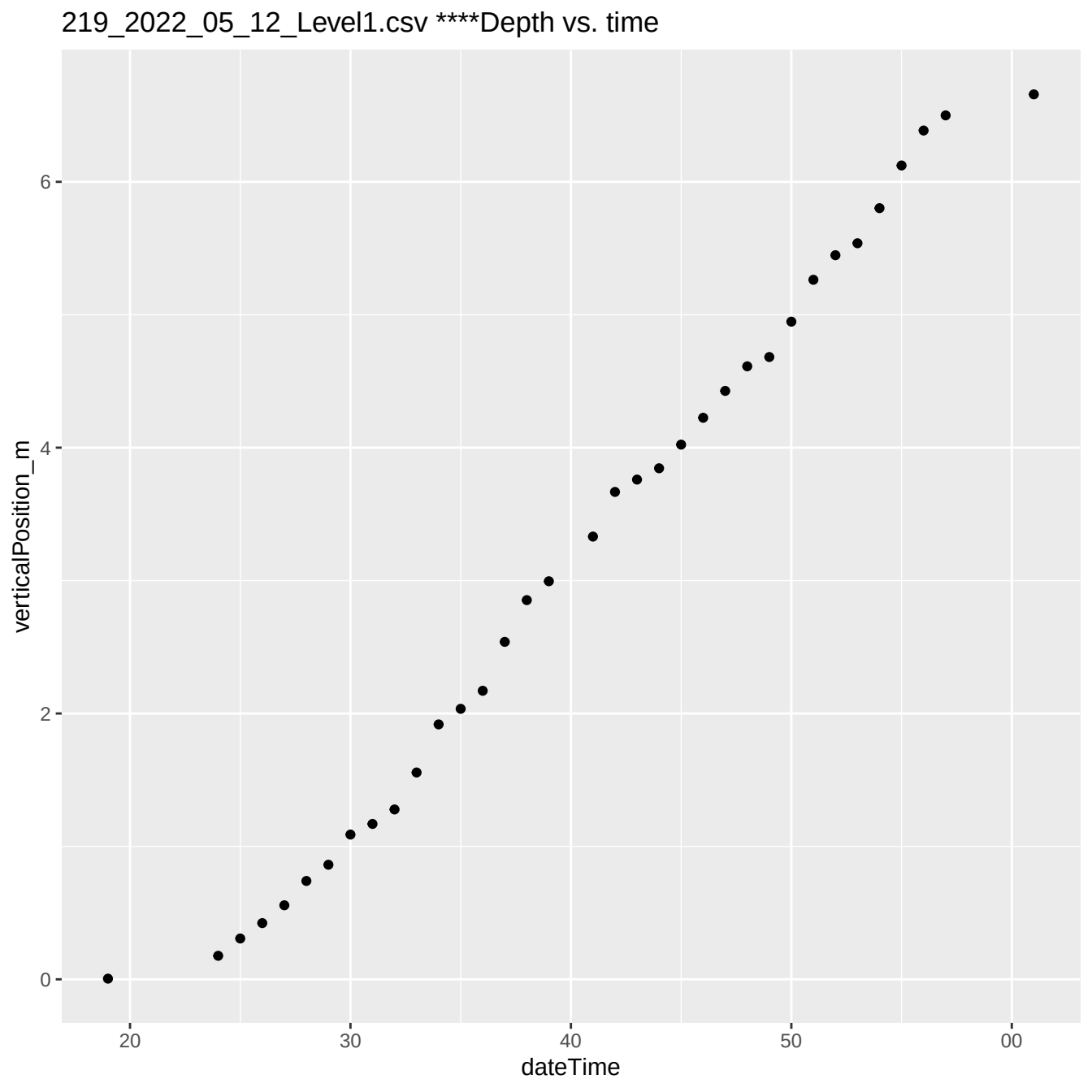

213_2022_06_13_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
−0.1
0.0
0.1
0.2
0.3
0.4
phycocyaninBGA_RFU

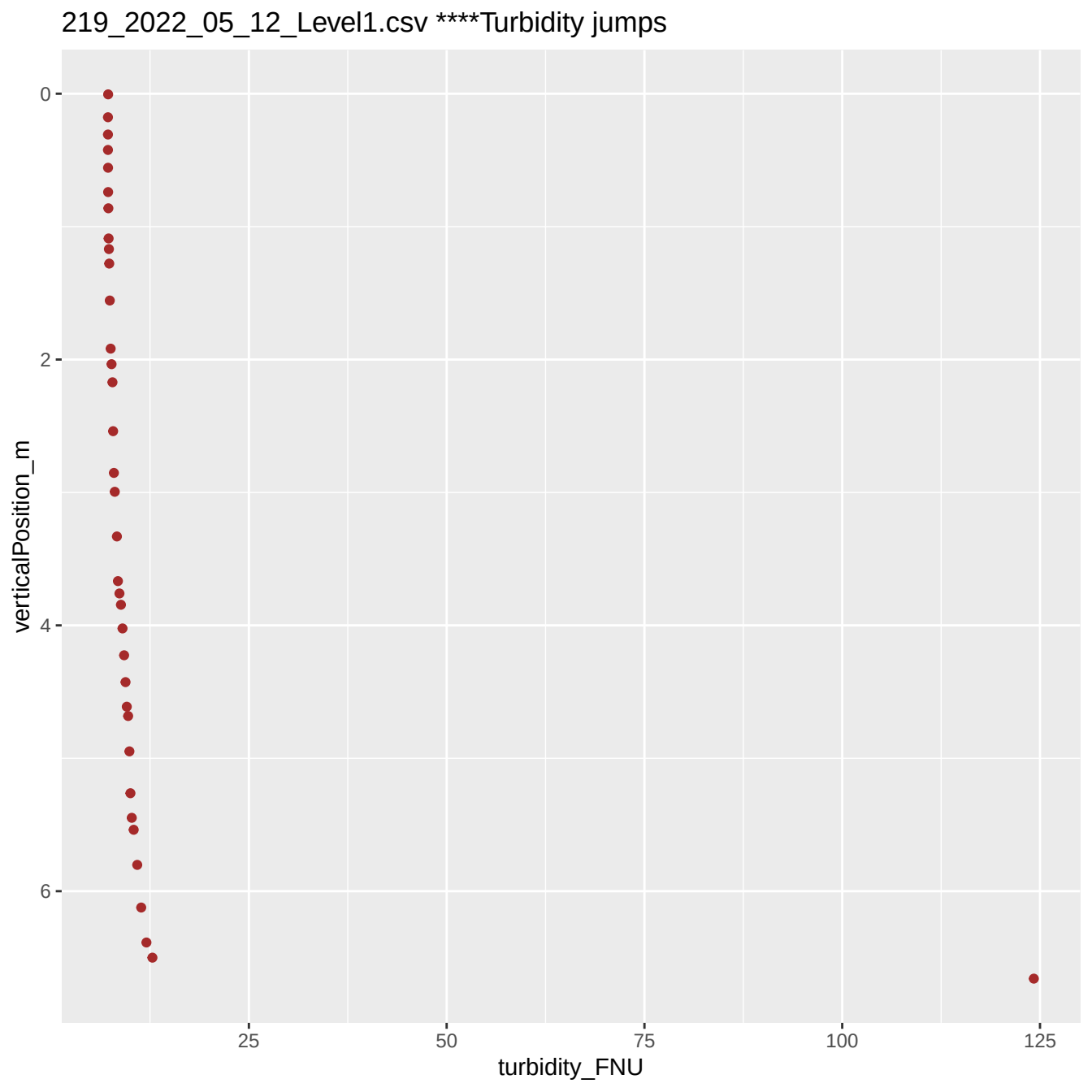

213_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
00
15
30
45
00
dateTime

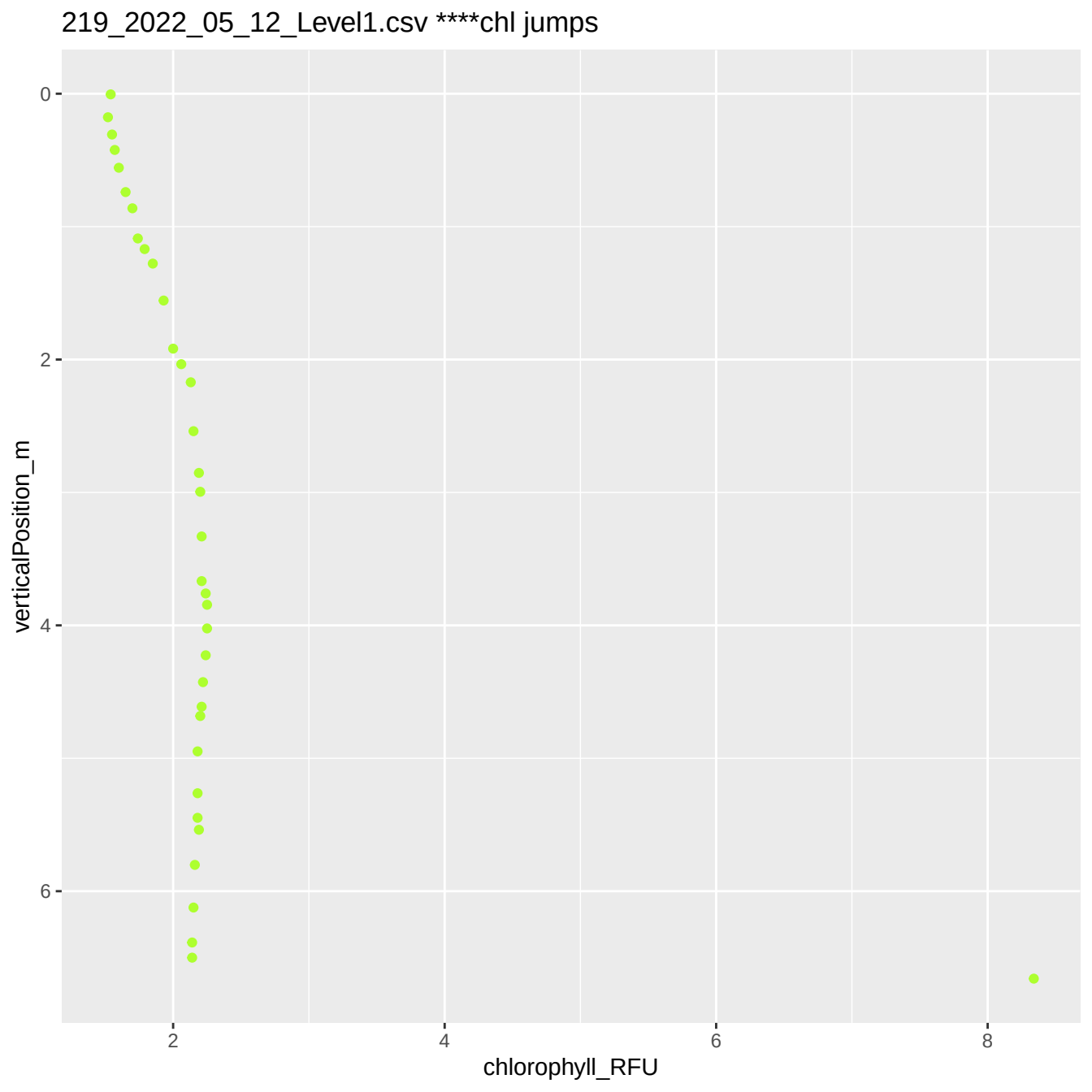

213_2022_07_11_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
5
995.6
995.8
996.0
996.2
waterDensity_kgpm3
flag
FALSE
TRUE

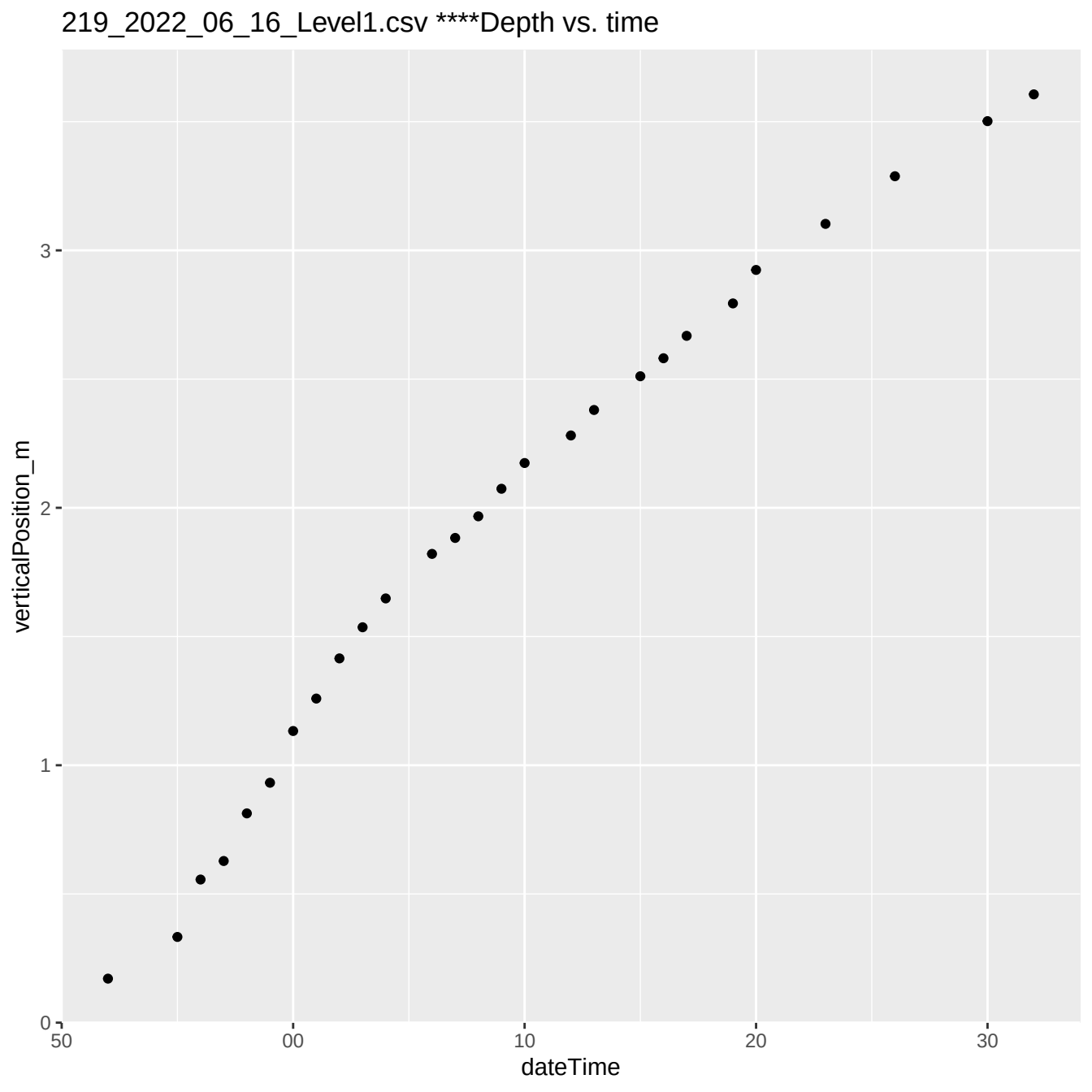

213_2022_07_11_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
5
28.0
28.5
29.0
29.5
30.0
30.5
temp_degC
flag
FALSE
TRUE

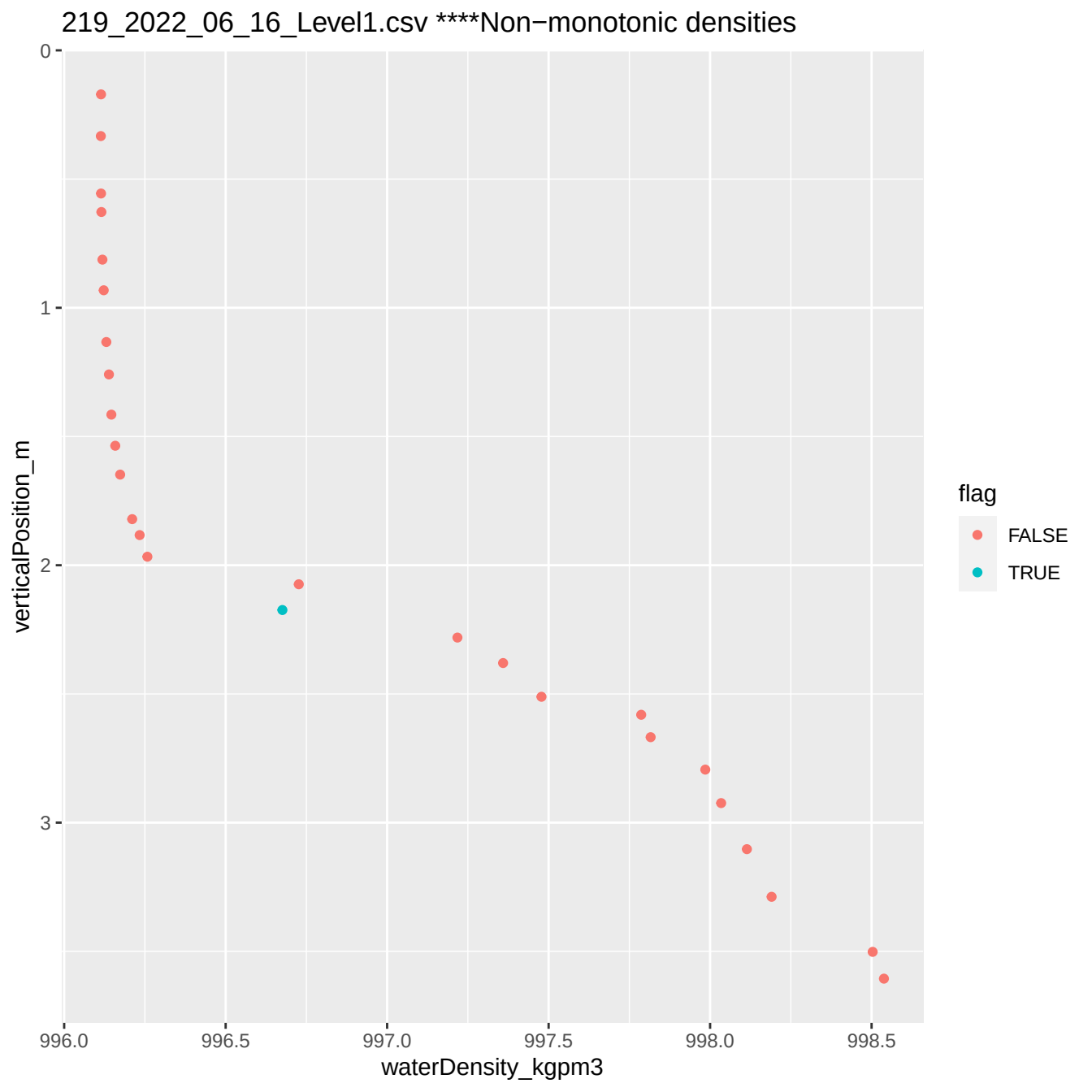

213_2022_08_01_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
00
15
30
45
00
dateTime

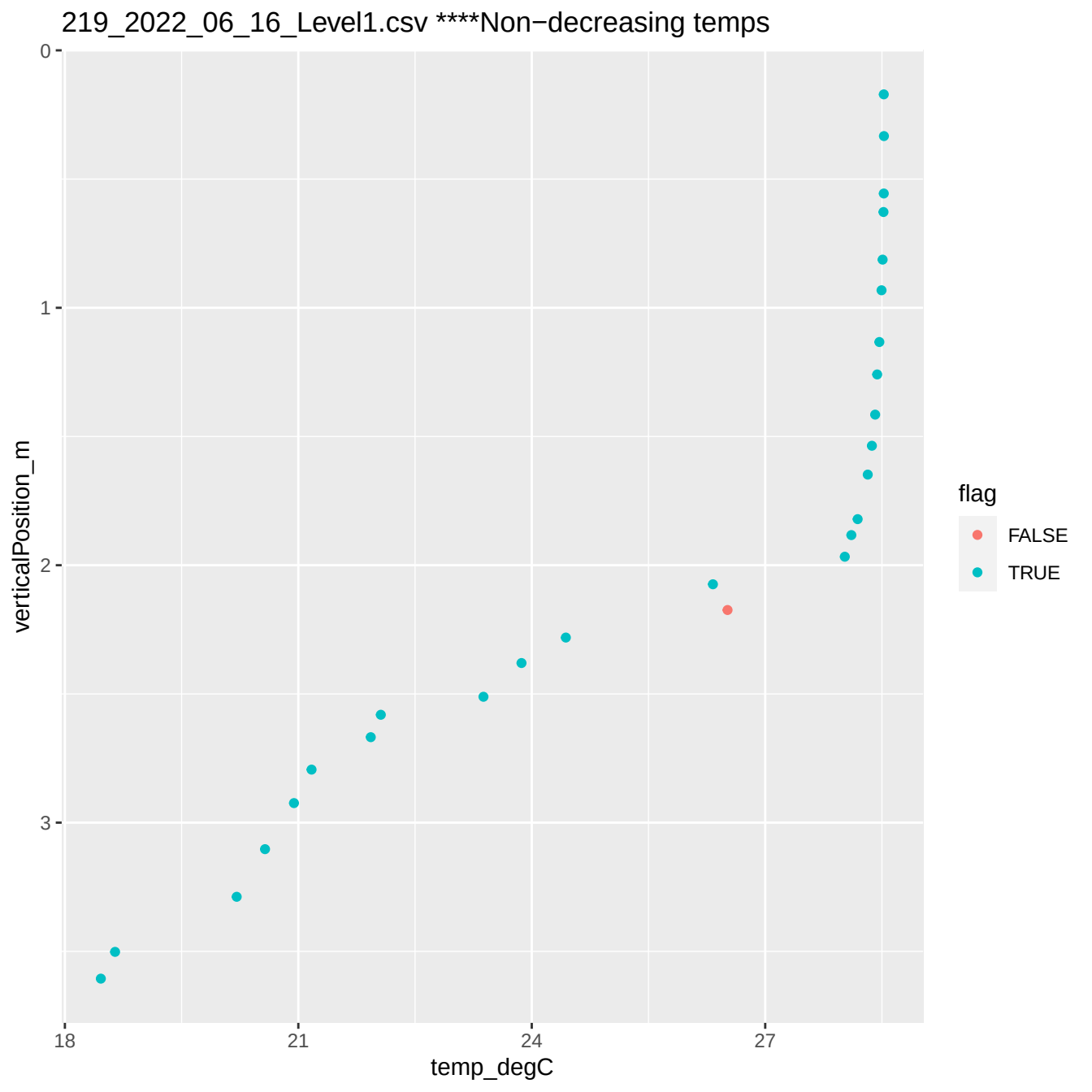

219_2022_05_12_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
20
30
40
50
00
dateTime

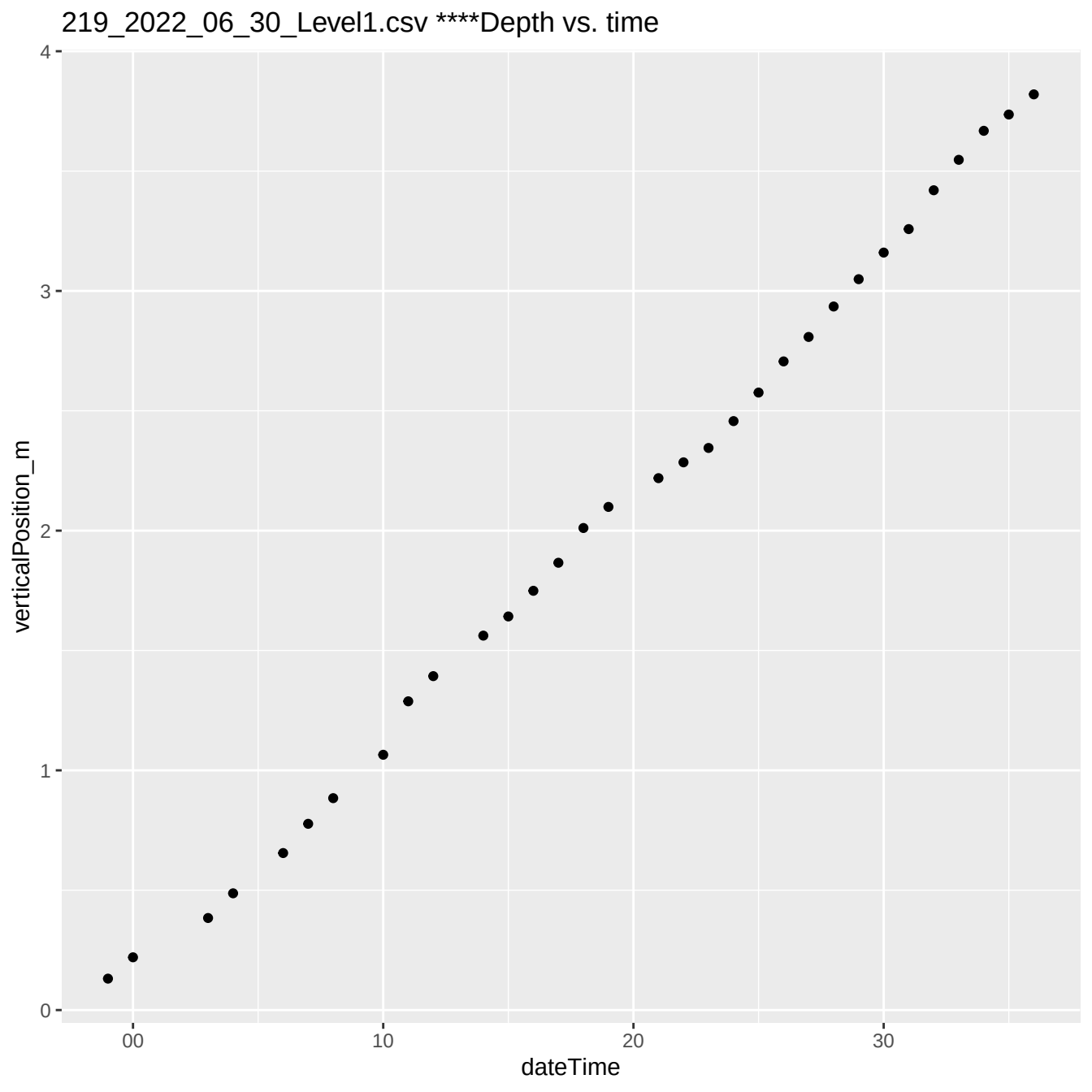

219_2022_05_12_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
turbidity_FNU
25
50
75
100
125

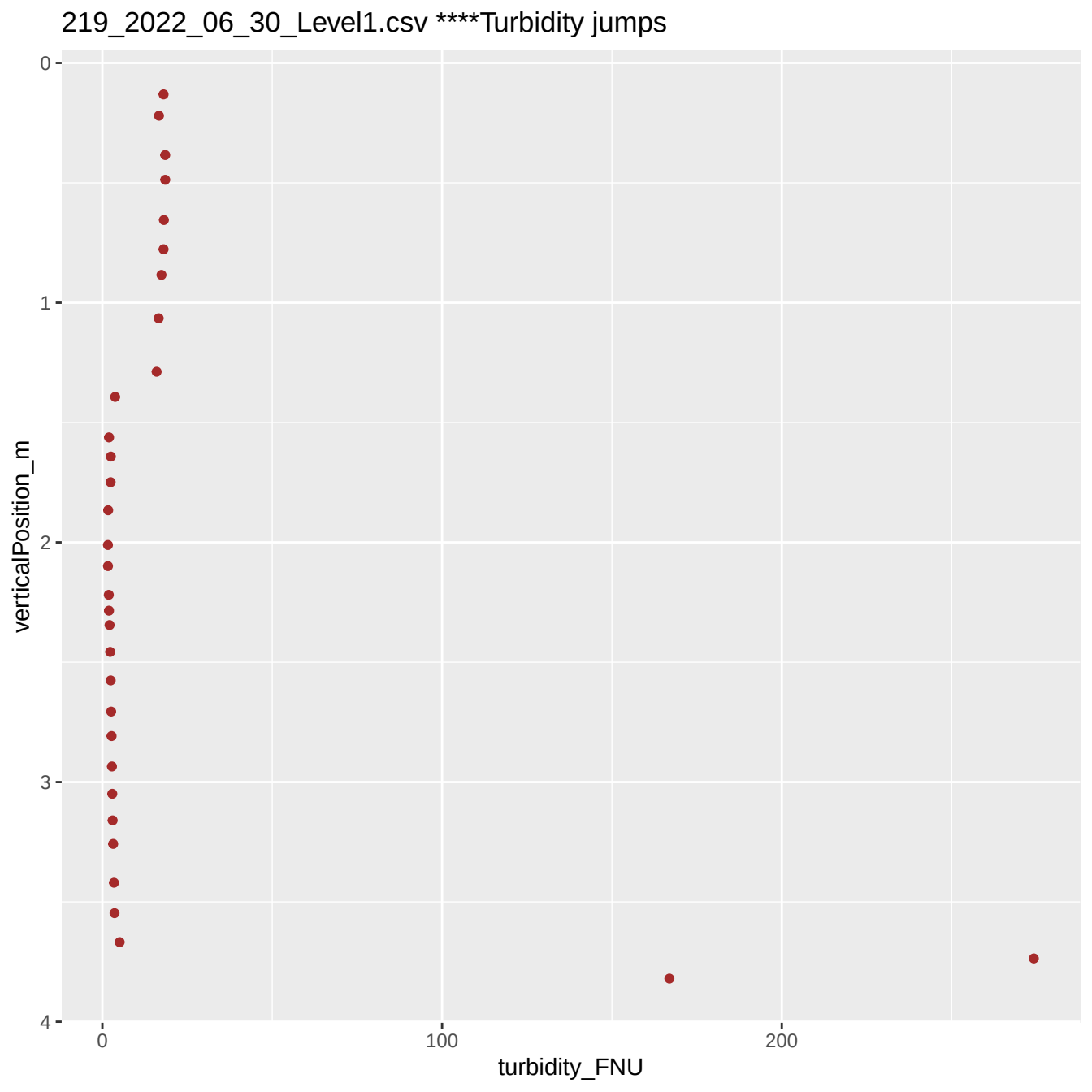

219_2022_05_12_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
chlorophyll_RFU
2
4
6
8

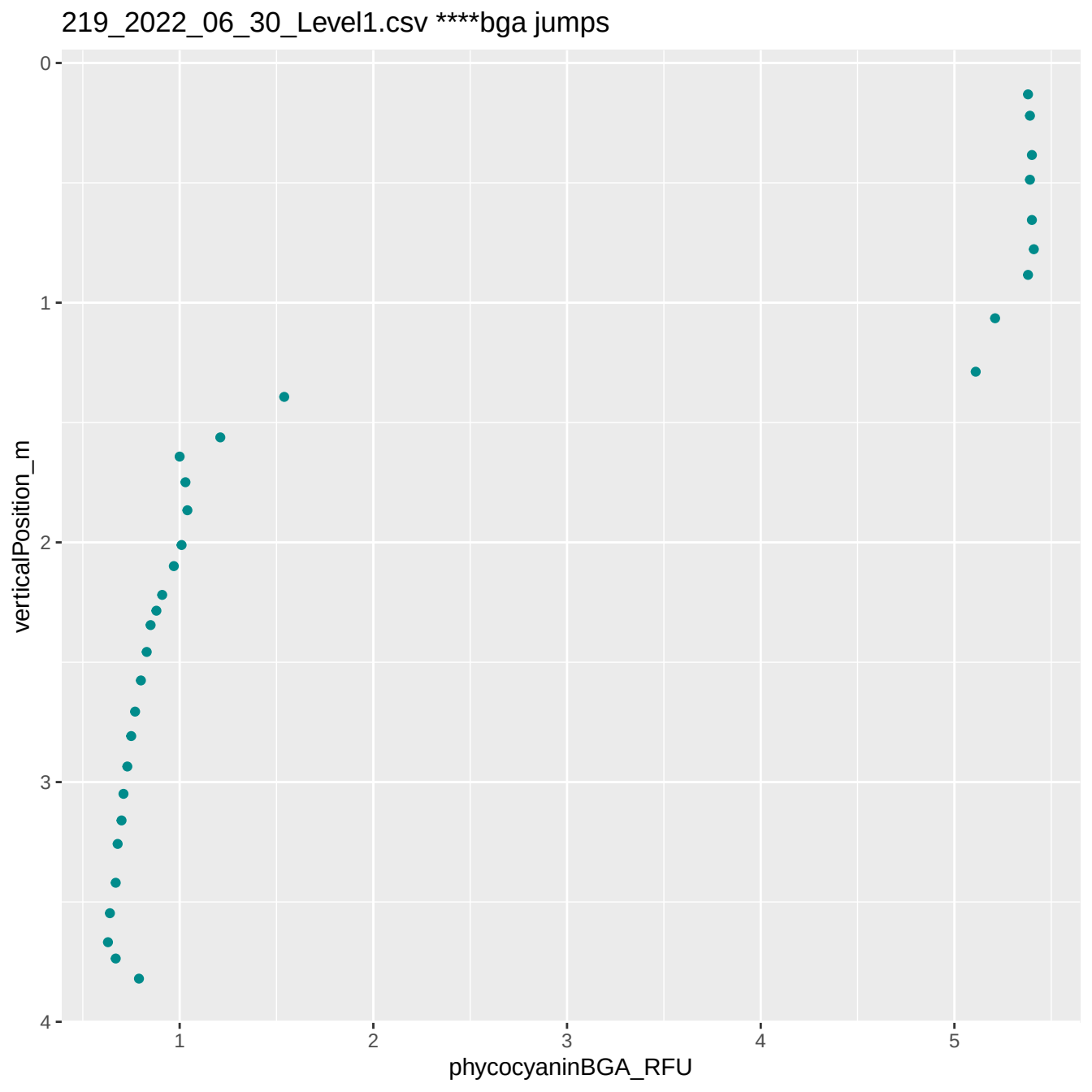

219_2022_06_16_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
50
00
10
20
30
dateTime

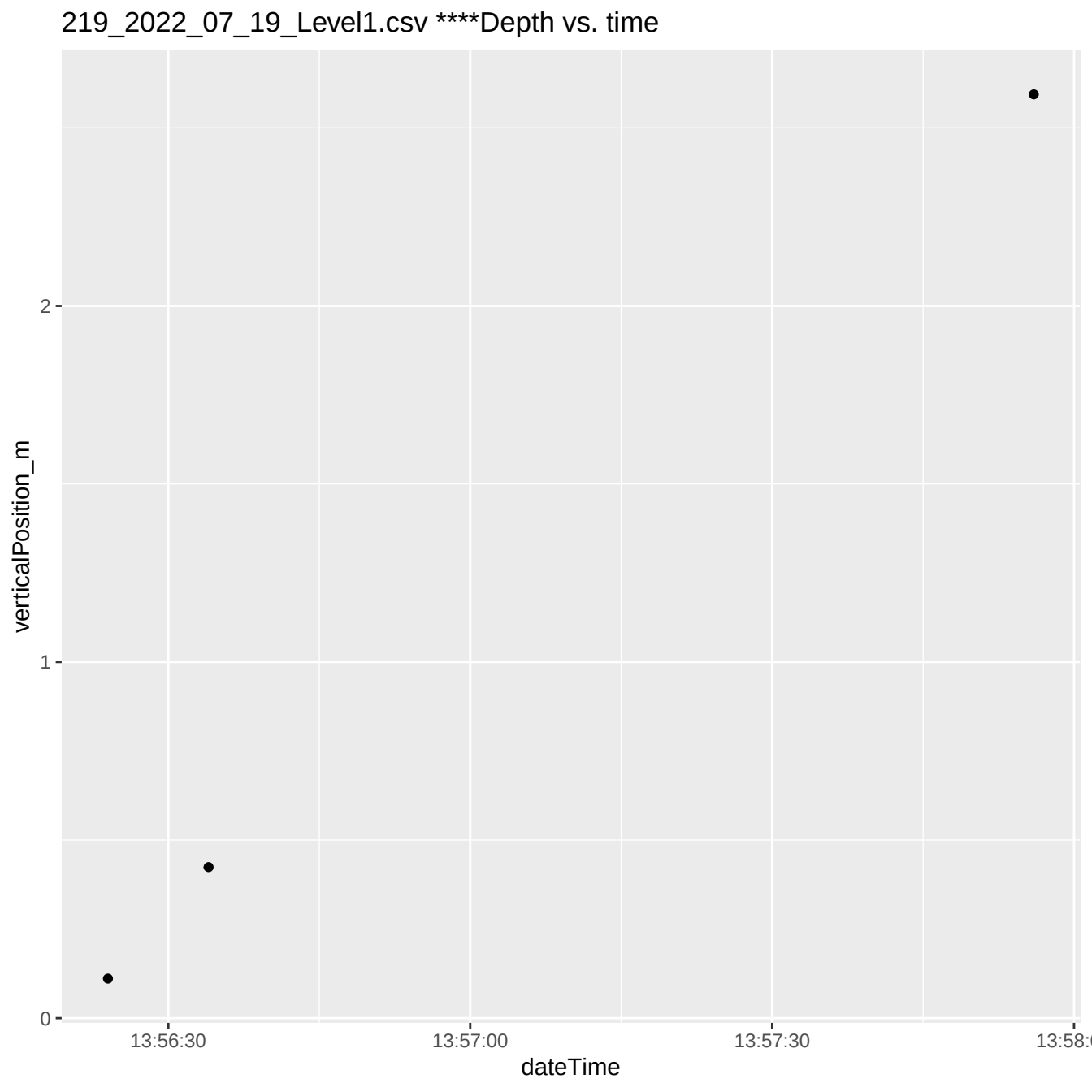

219_2022_06_16_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
waterDensity_kgpm3
996.0
996.5
997.0
997.5
998.0
998.5
flag
FALSE
TRUE

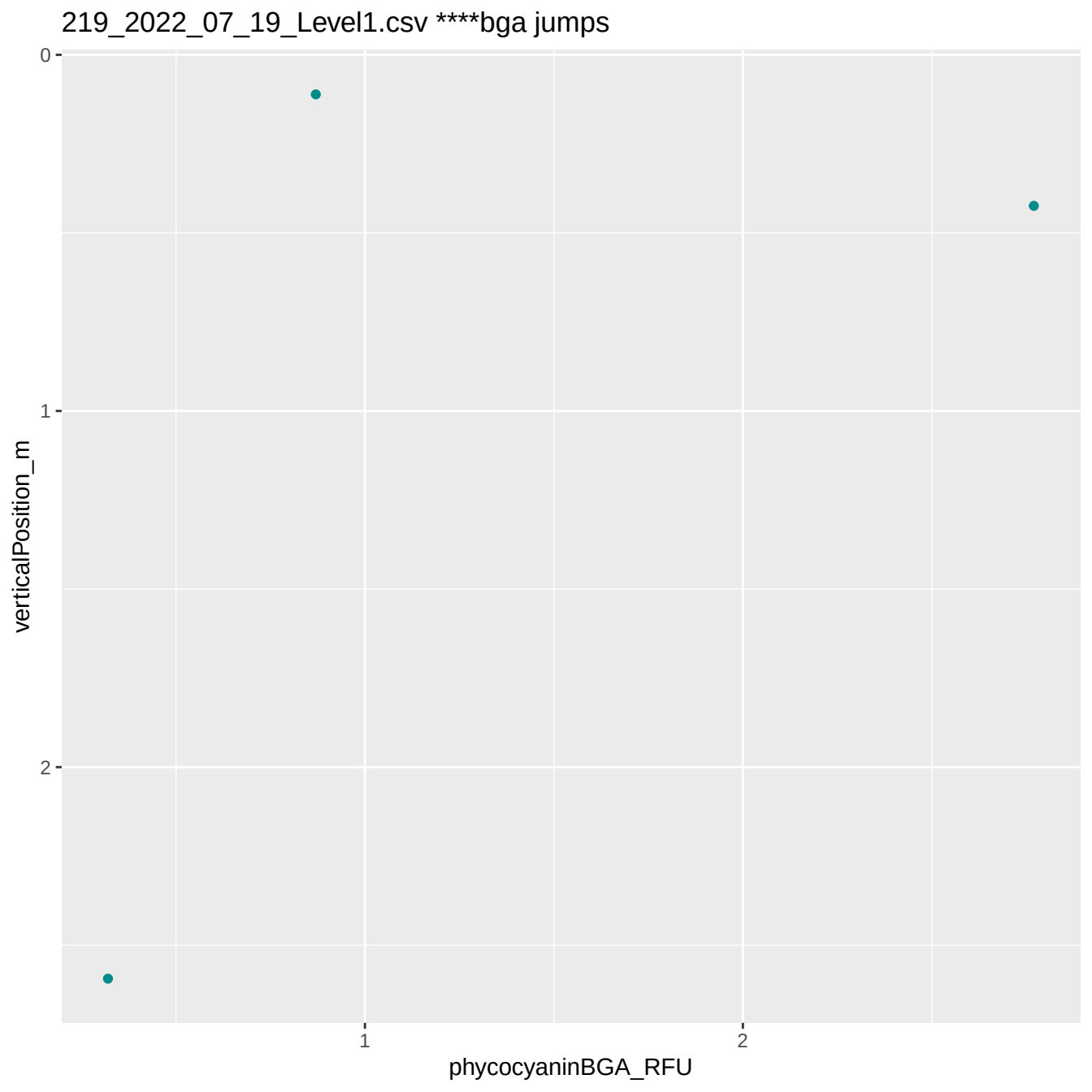

219_2022_06_16_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
18
21
24
27
temp_degC
flag
FALSE
TRUE

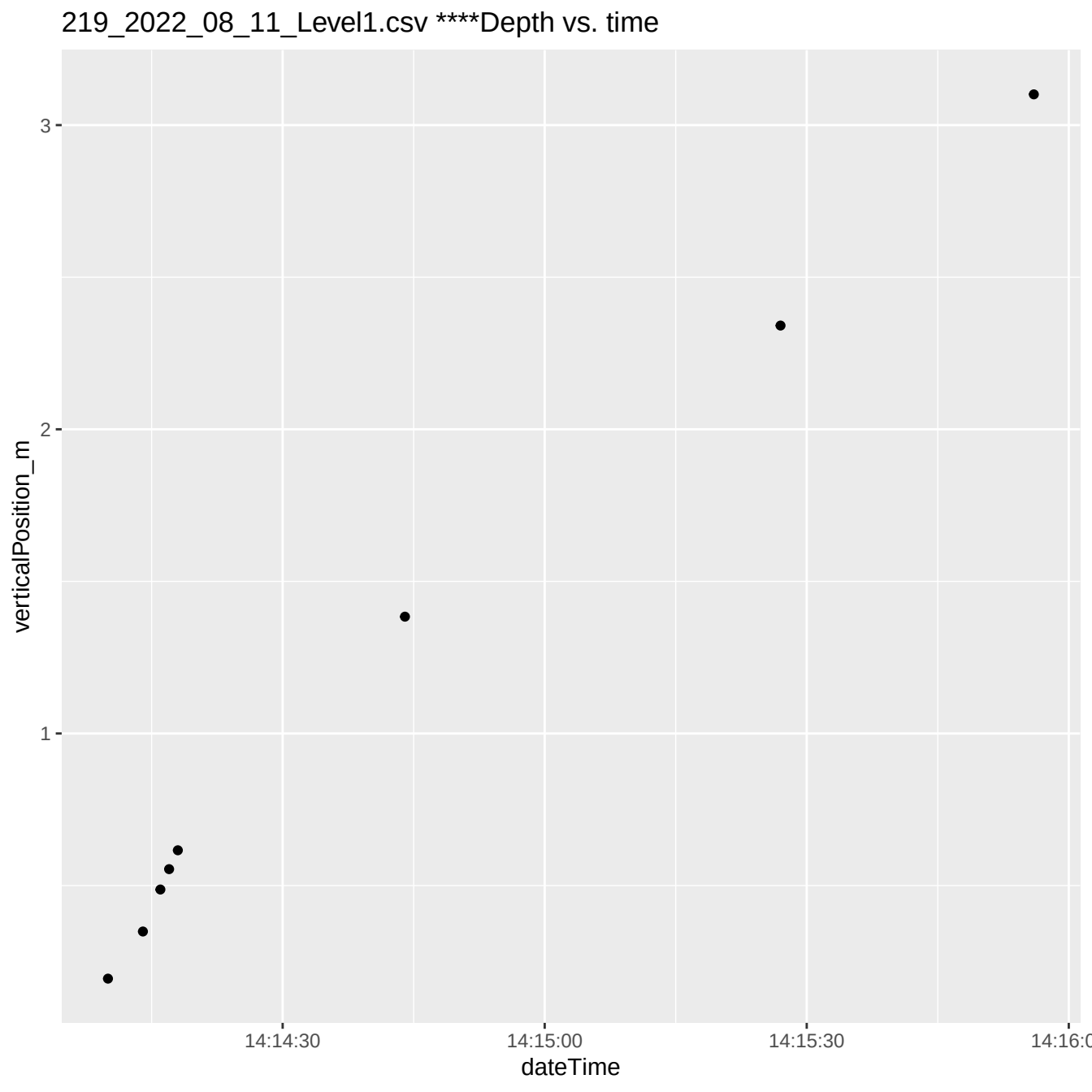

219_2022_06_30_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
00
10
20
30
dateTime

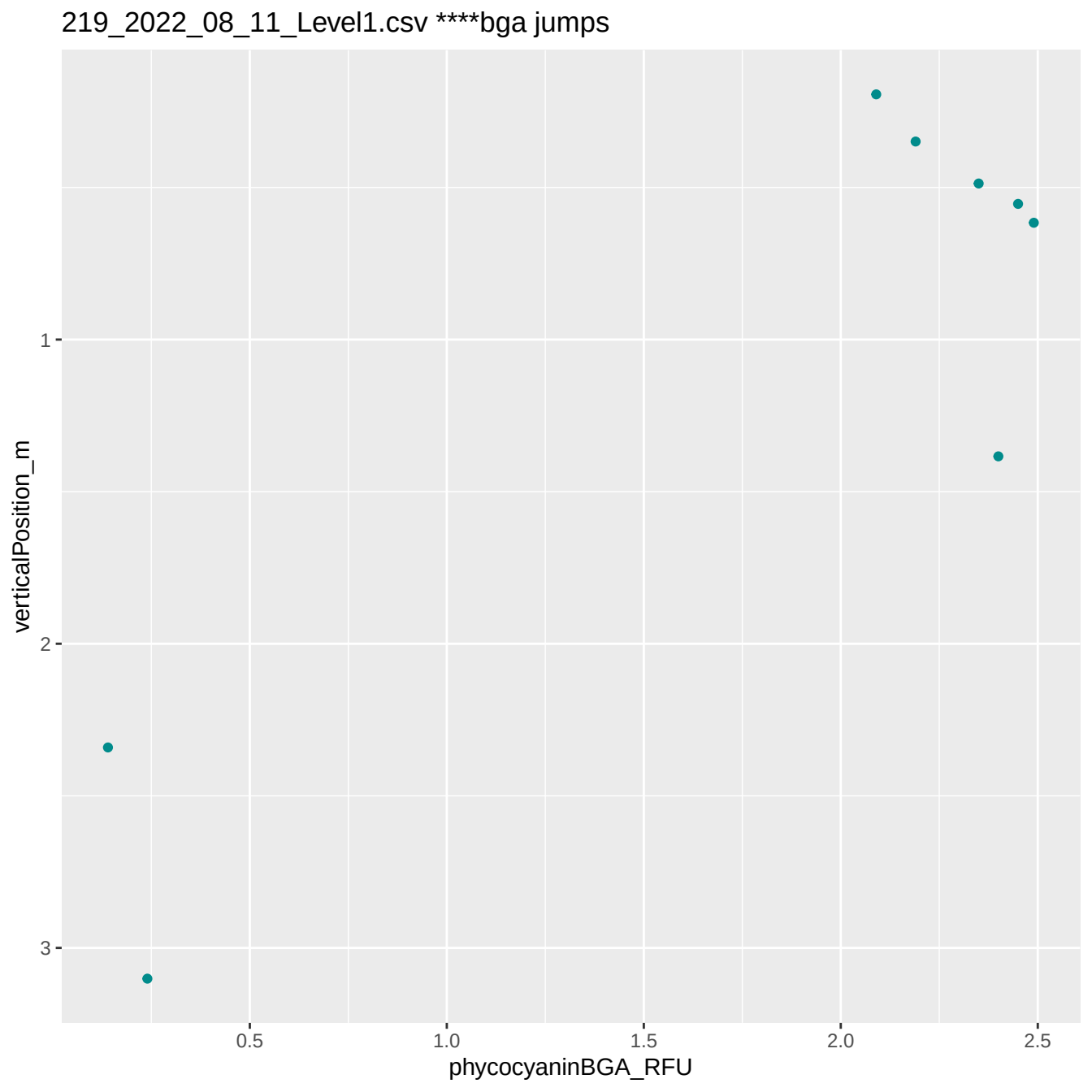

219_2022_06_30_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
0
100
200
turbidity_FNU

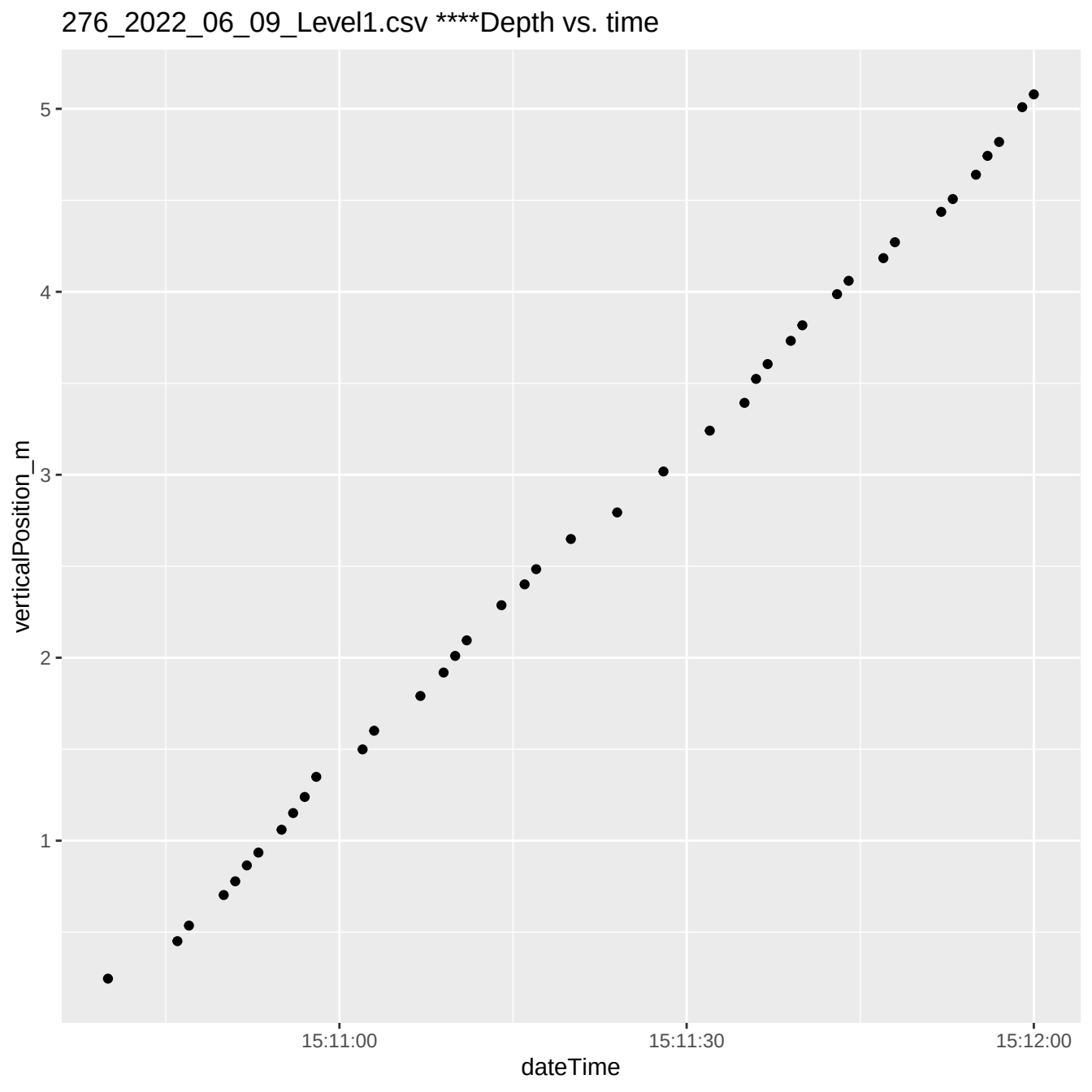

219_2022_06_30_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
1
2
3
4
5
phycocyaninBGA_RFU

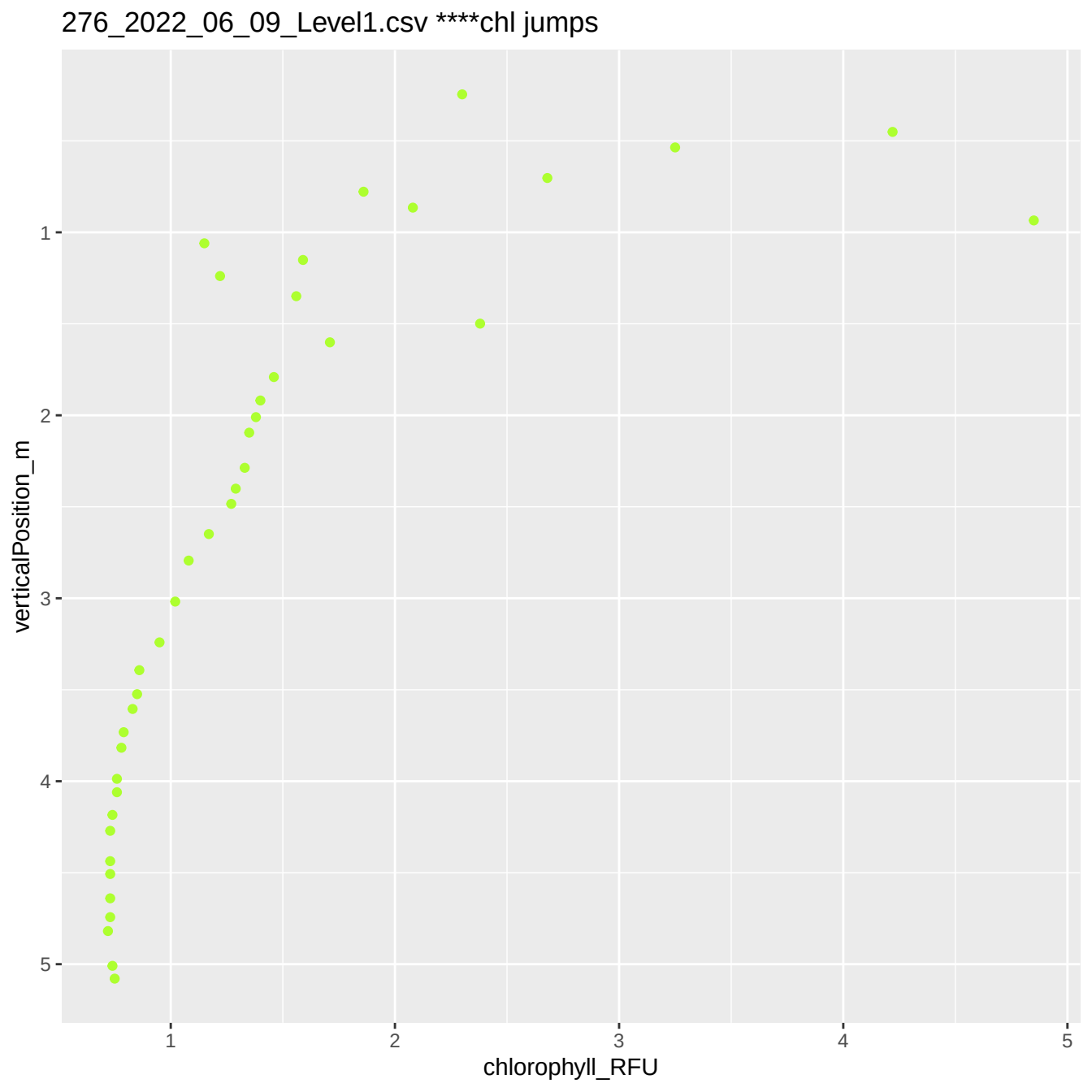

219_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
0
13:56:30
13:57:00
13:57:30
dateTime

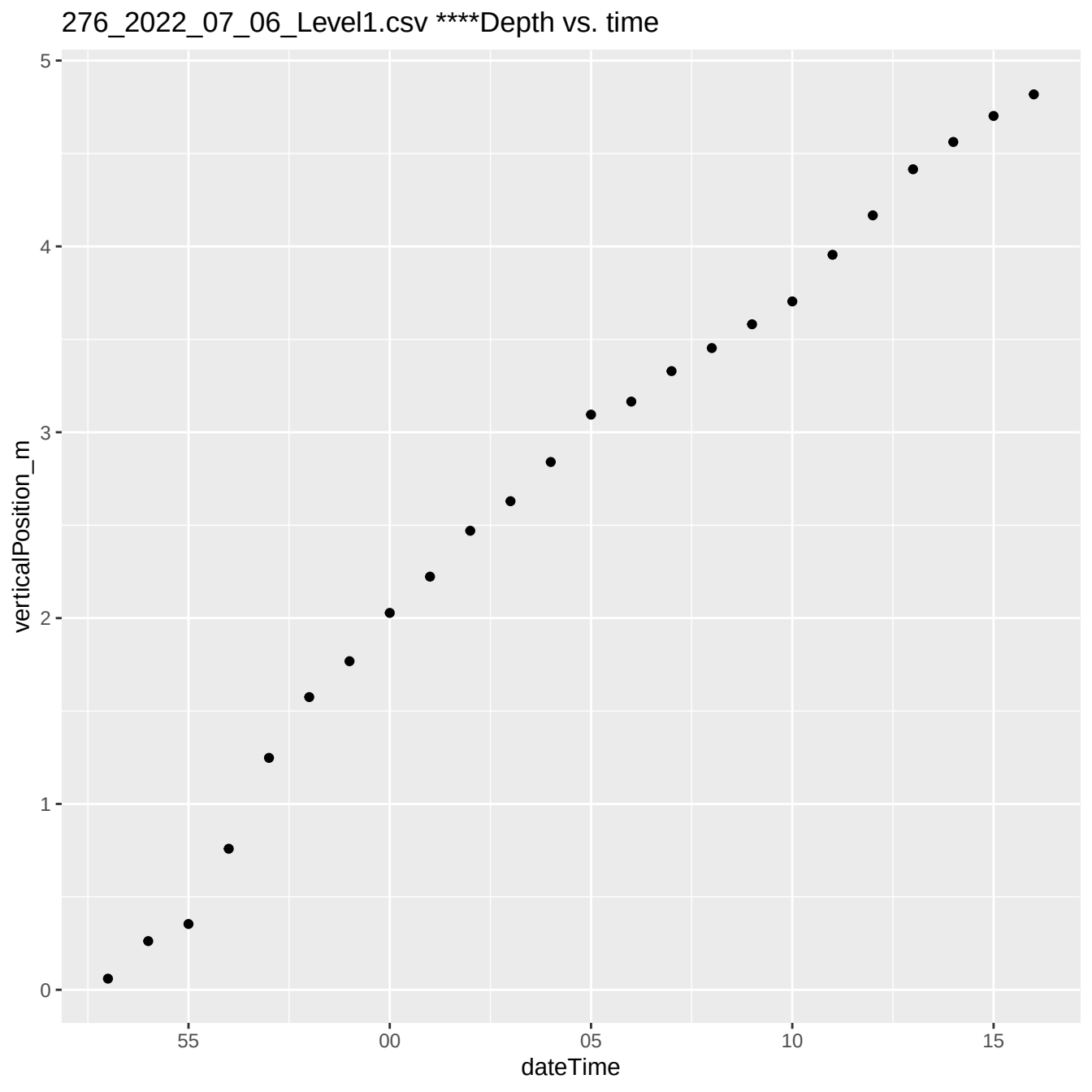

219_2022_07_19_Level1.csv ****bga jumps
0
1
2
verticalPosition_m
1
2
phycocyaninBGA_RFU

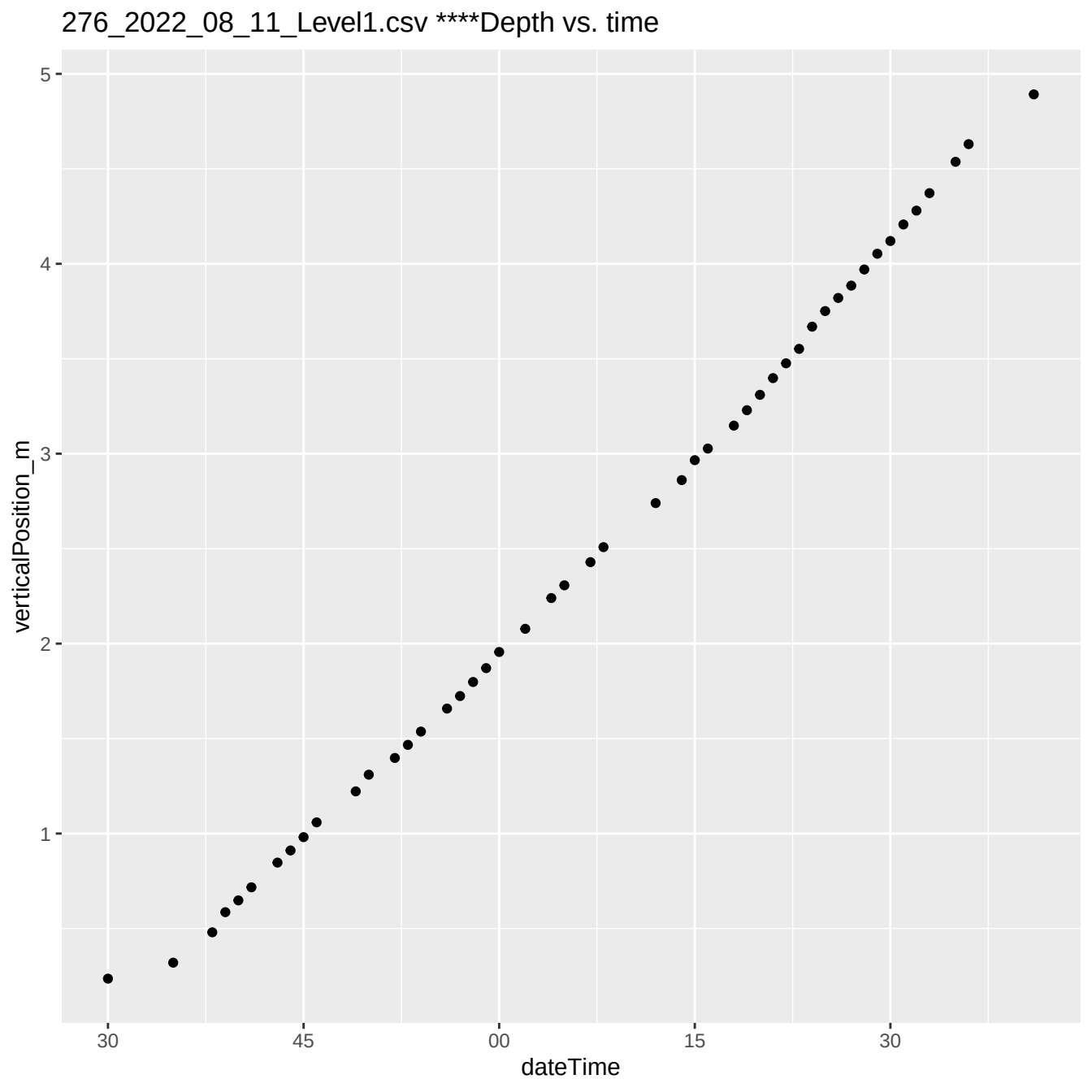

219_2022_08_11_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
14:14:30
14:15:00
14:15:30
dateTime

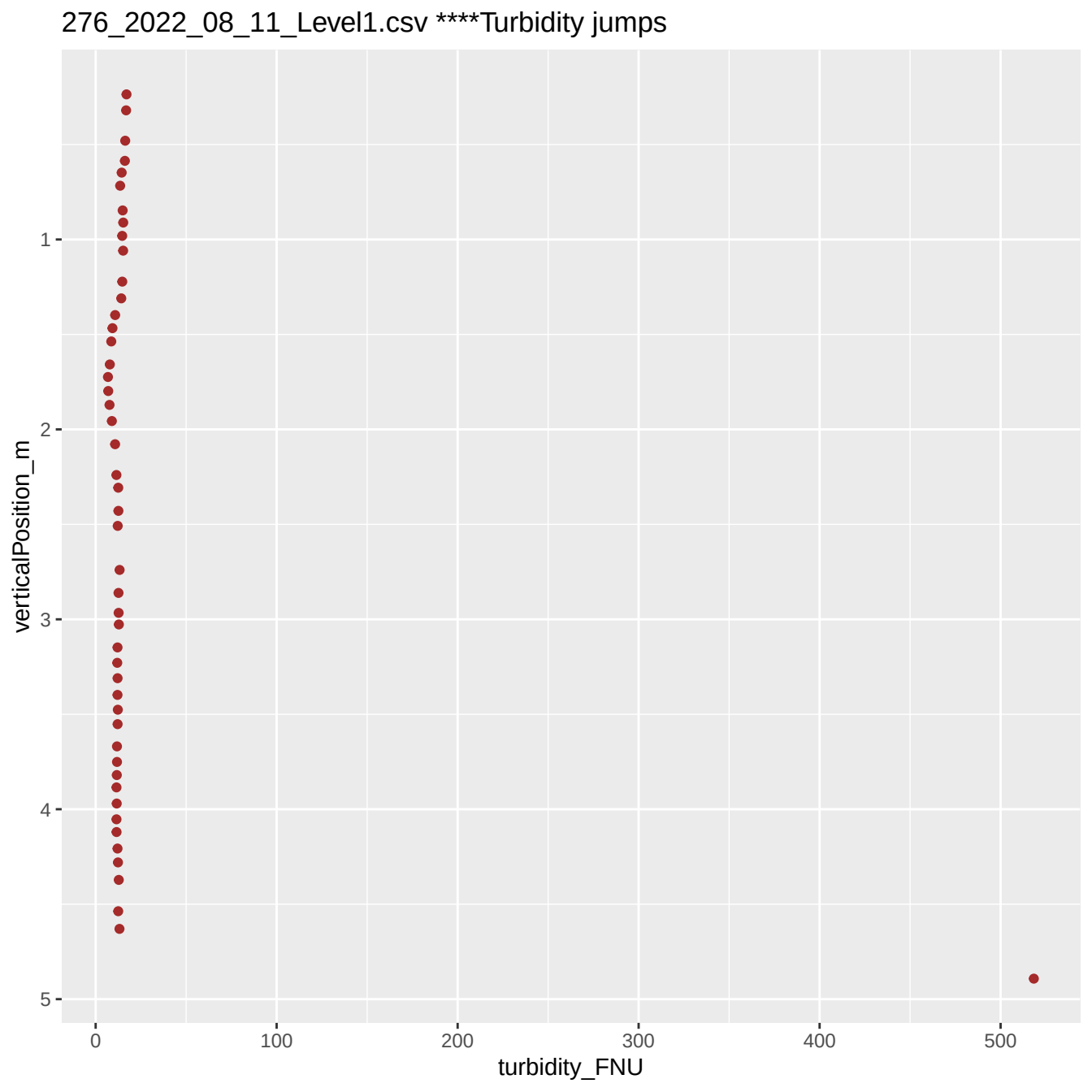

219_2022_08_11_Level1.csv ****bga jumps
verticalPosition_m
1
2
3
0.5
1.0
1.5
2.0
2.5
phycocyaninBGA_RFU

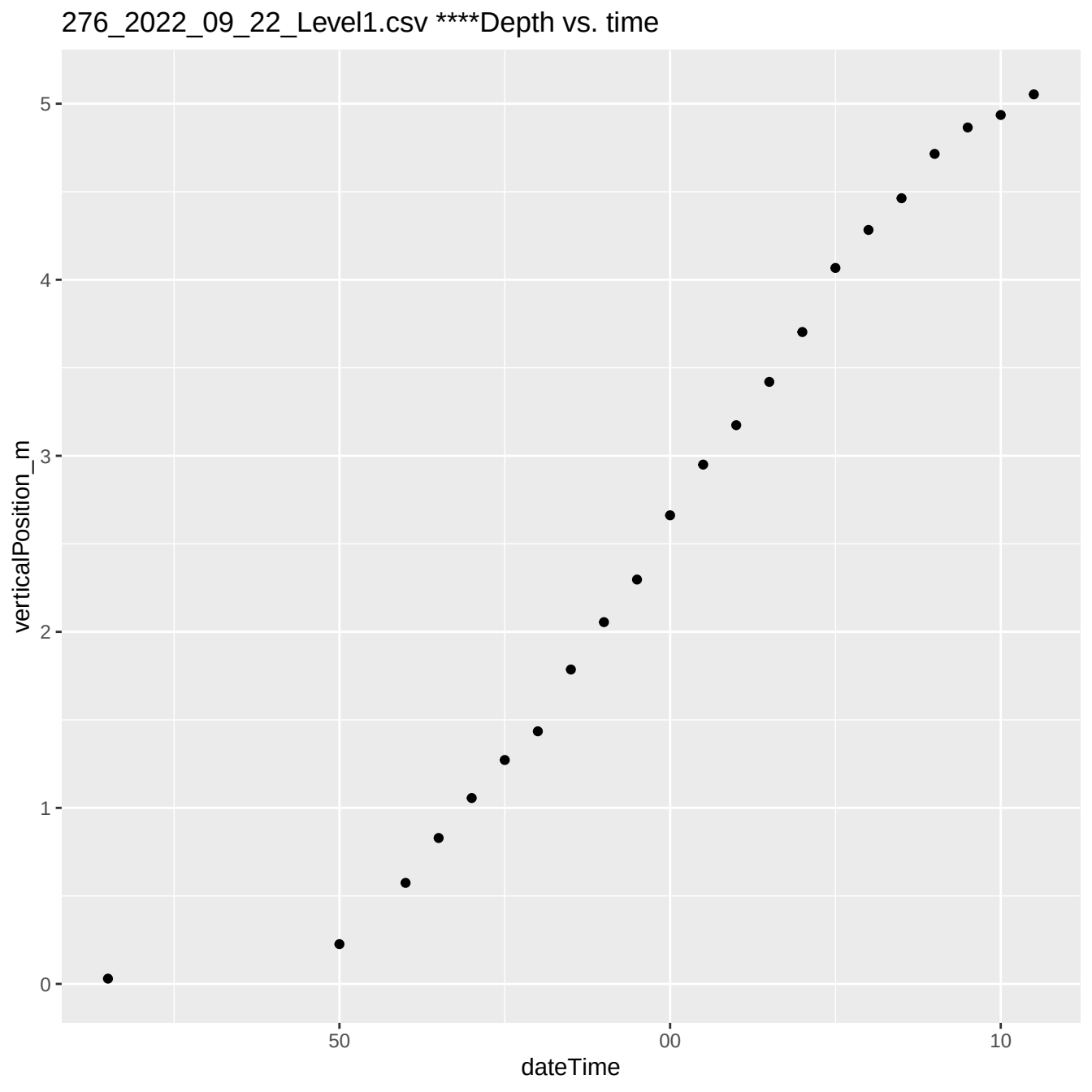

276_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
15:11:00
15:11:30
15:12:00
dateTime

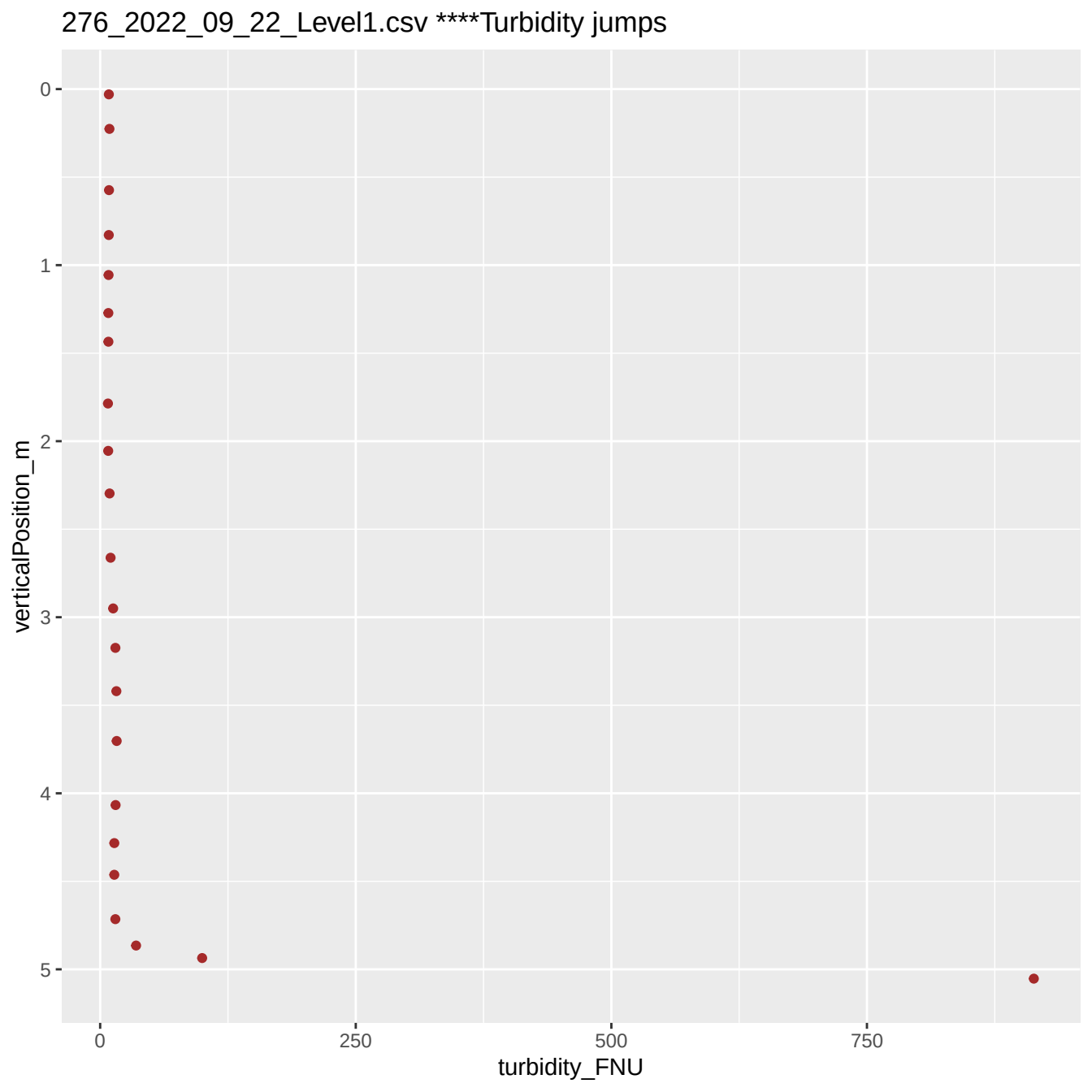

276_2022_06_09_Level1.csv ****chl jumps
verticalPosition_m
1
2
3
4
5
chlorophyll_RFU
1
2
3
4
5

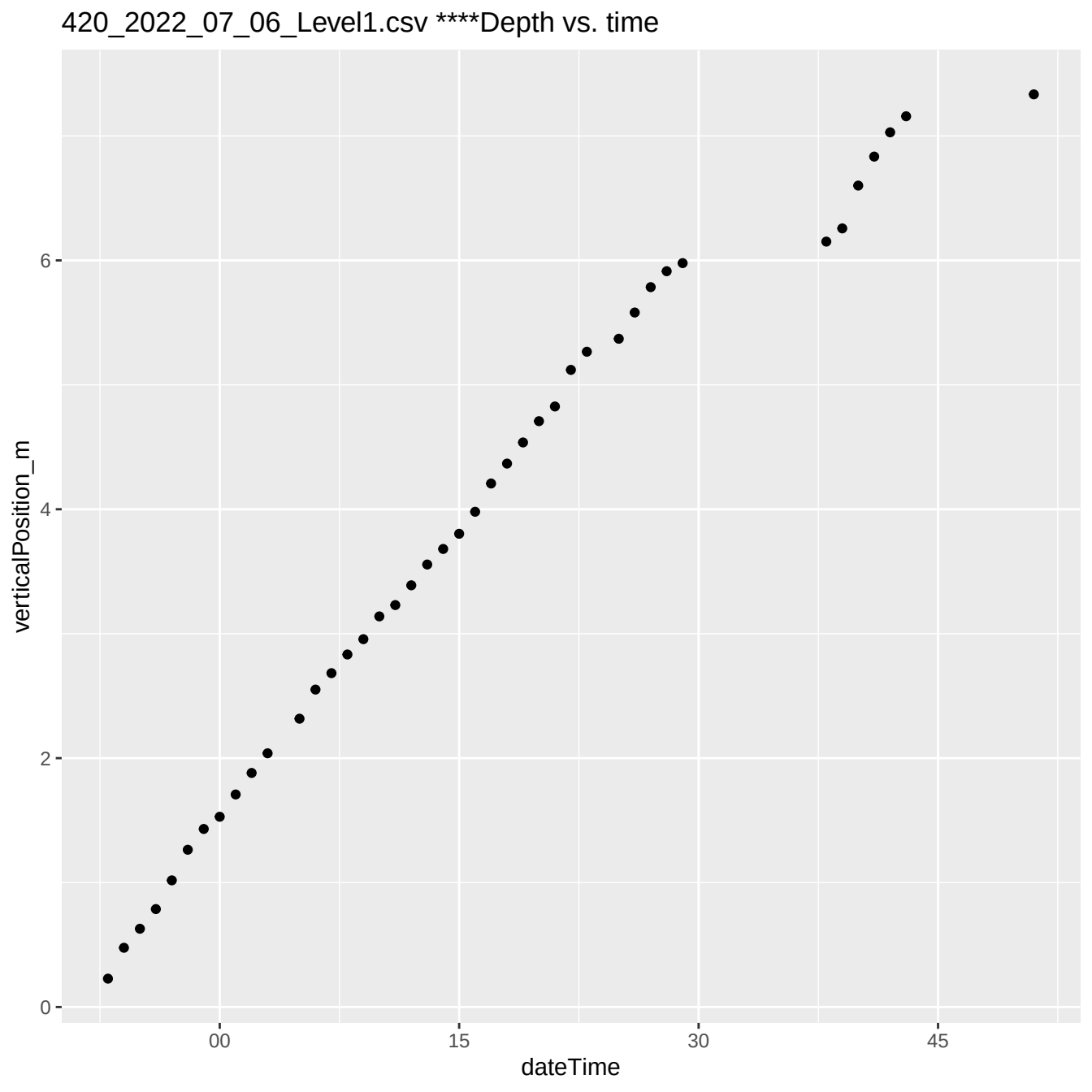

276_2022_07_06_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
55
00
05
10
15
dateTime

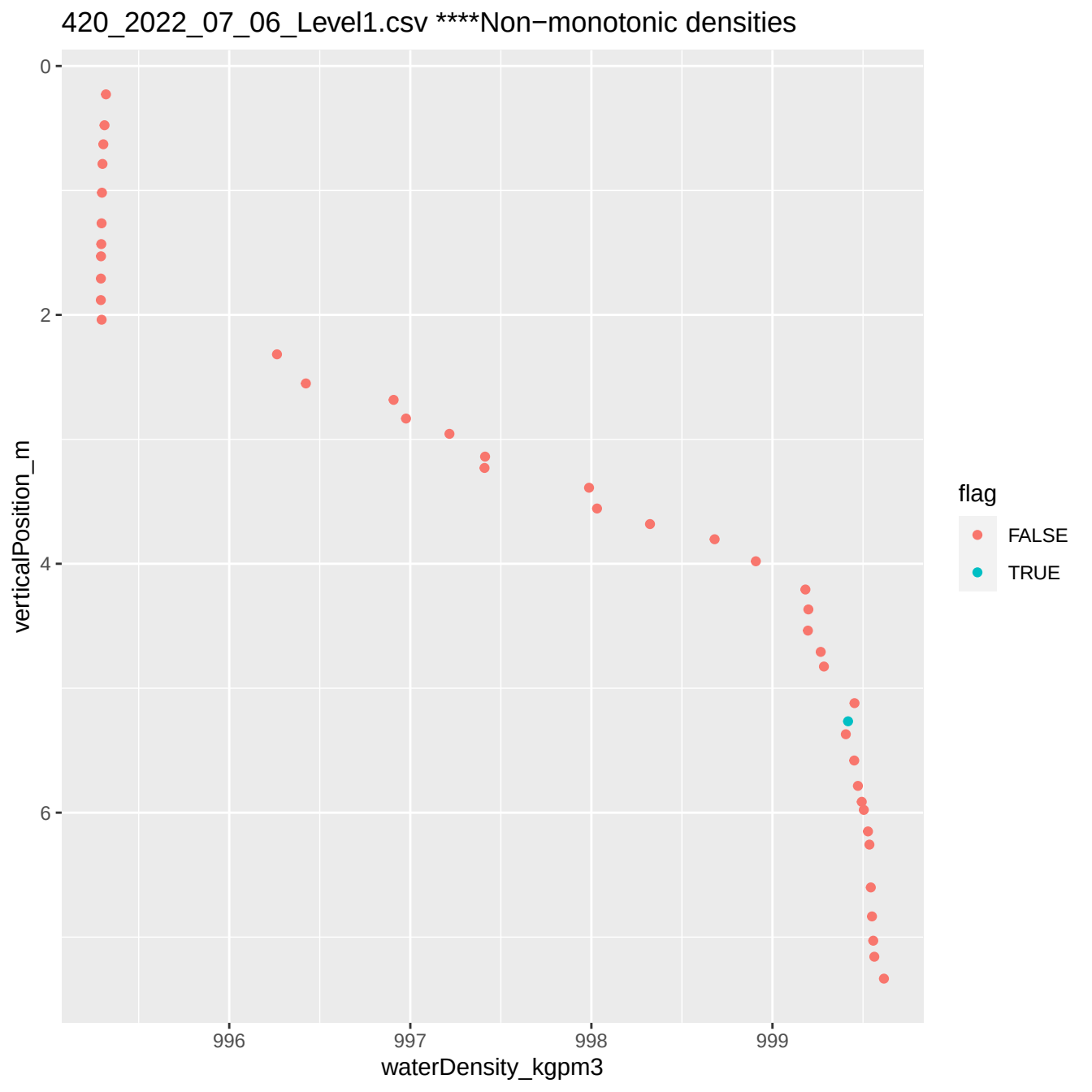

276_2022_08_11_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
30
45
00
15
30
dateTime

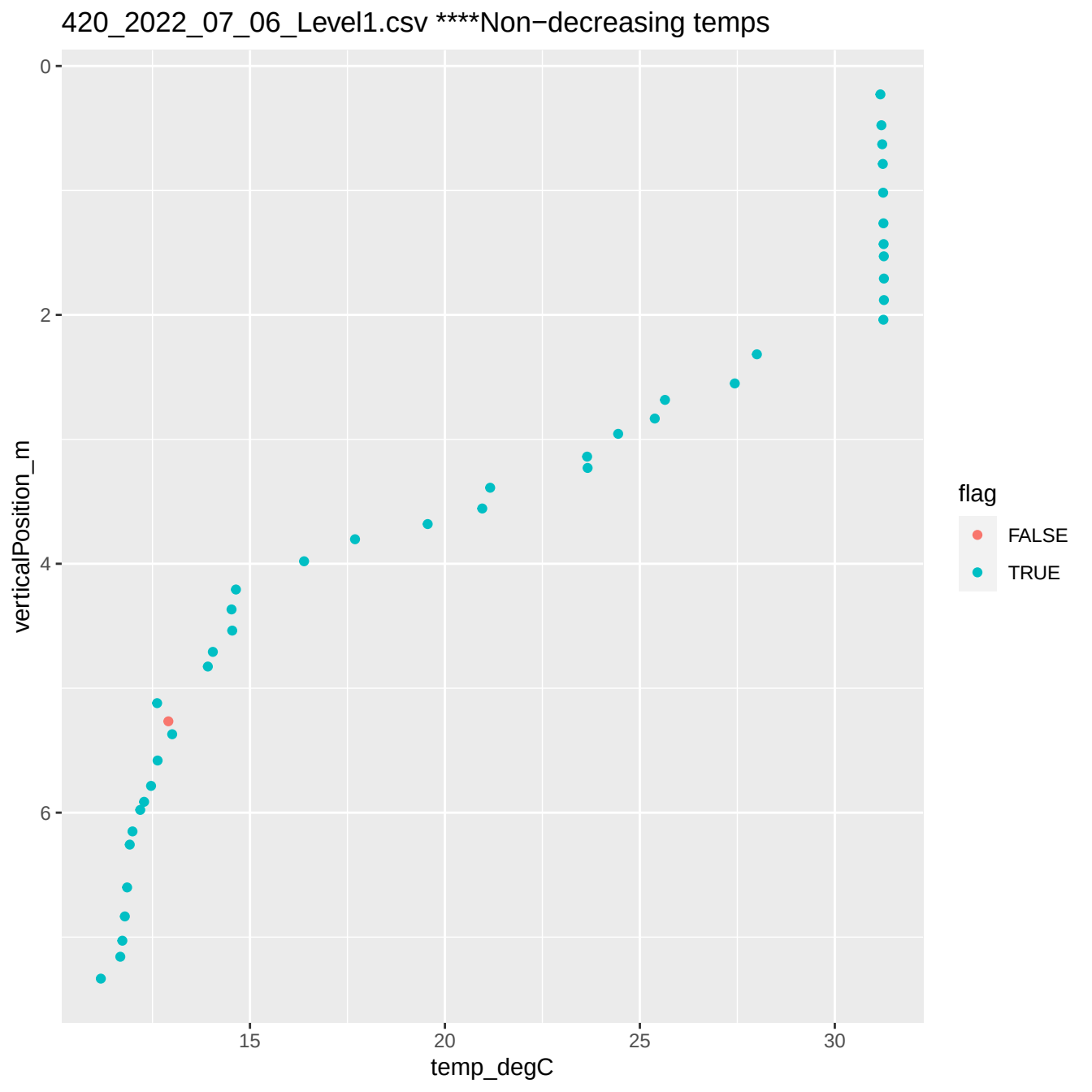

276_2022_08_11_Level1.csv ****Turbidity jumps
verticalPosition_m
1
2
3
4
5
0
100
200
300
400
500
turbidity_FNU

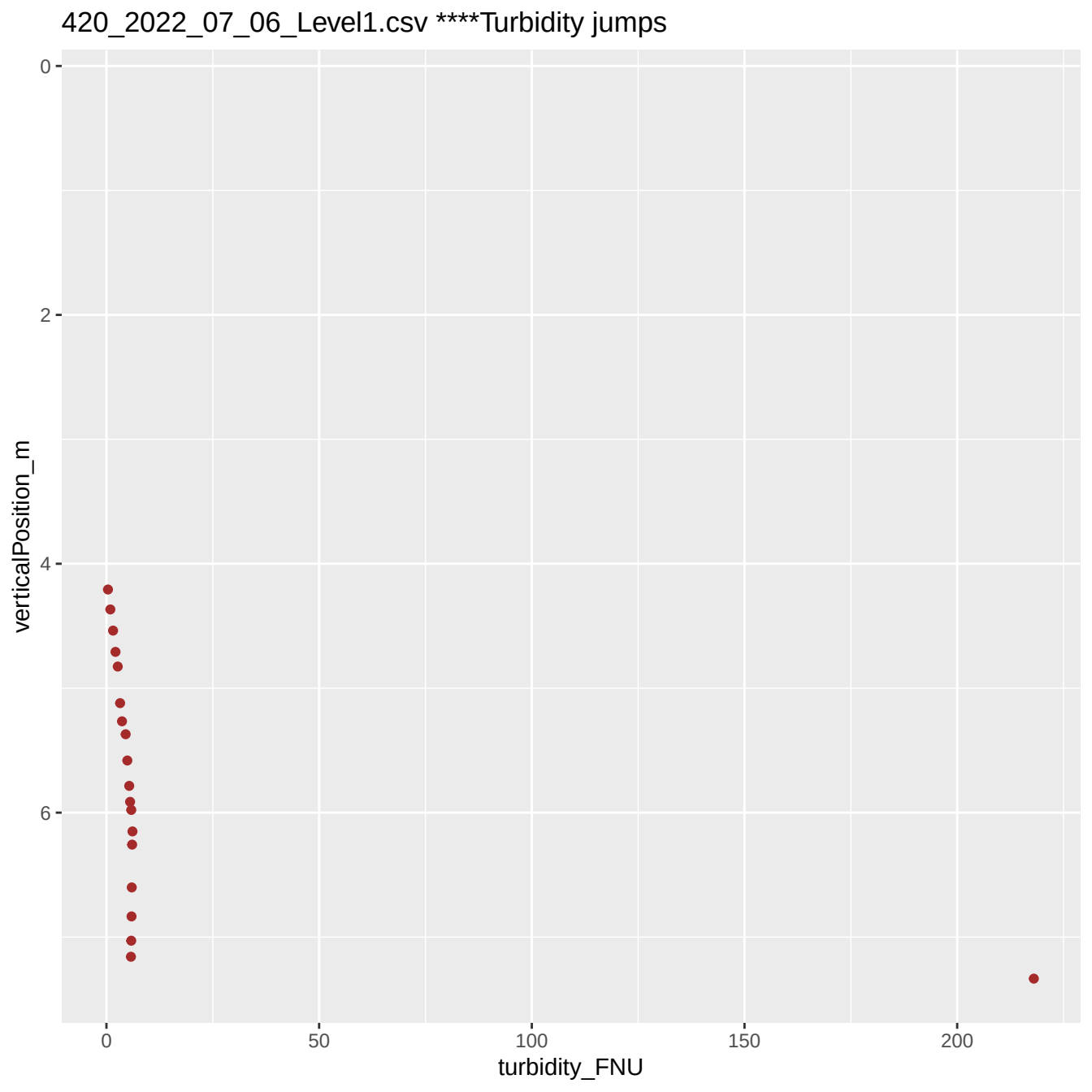

276_2022_09_22_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
50
00
10
dateTime

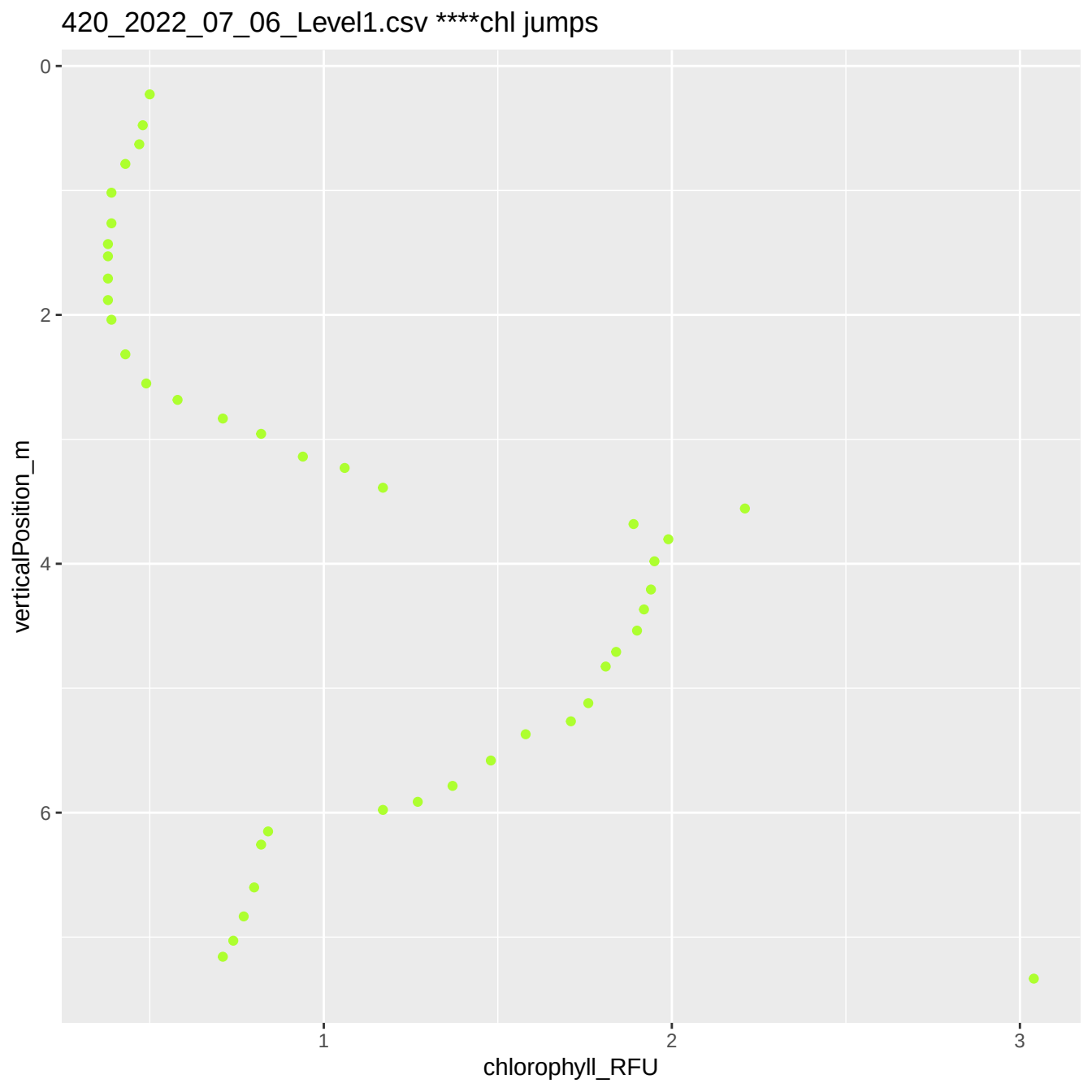

276_2022_09_22_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
0
250
500
750
turbidity_FNU

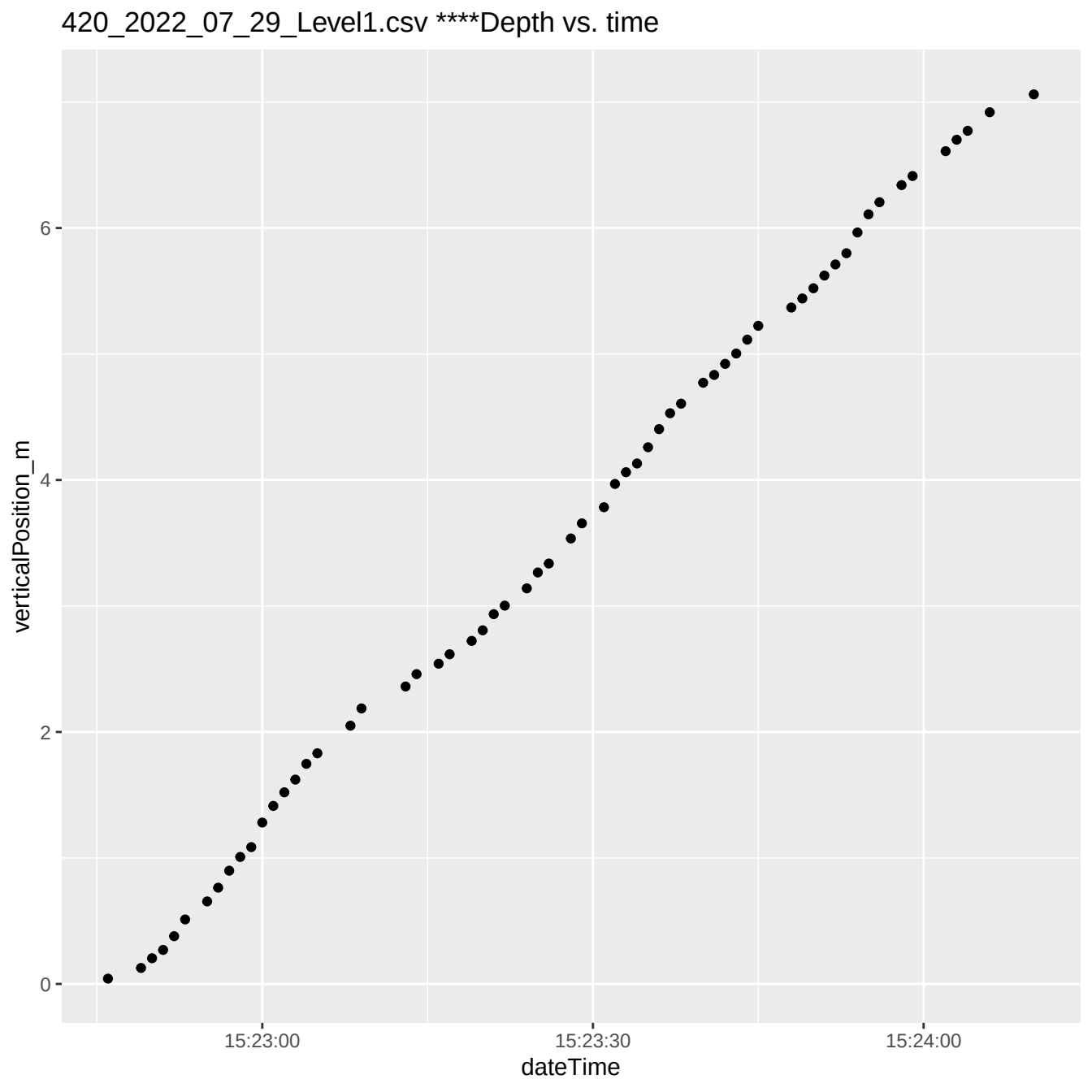

420_2022_07_06_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
00
15
30
45
dateTime

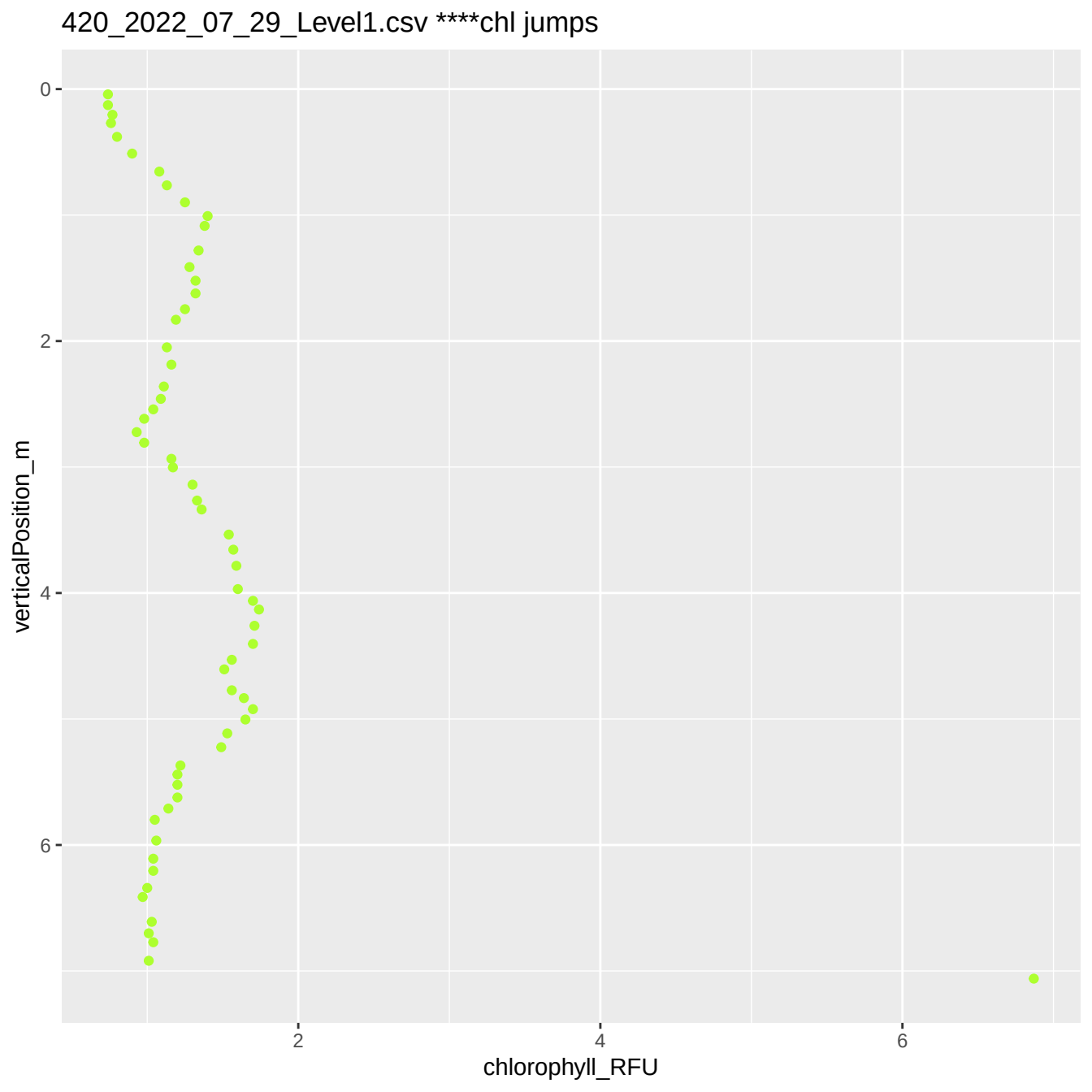

420_2022_07_06_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
waterDensity_kgpm3
996
997
998
999
flag
FALSE
TRUE

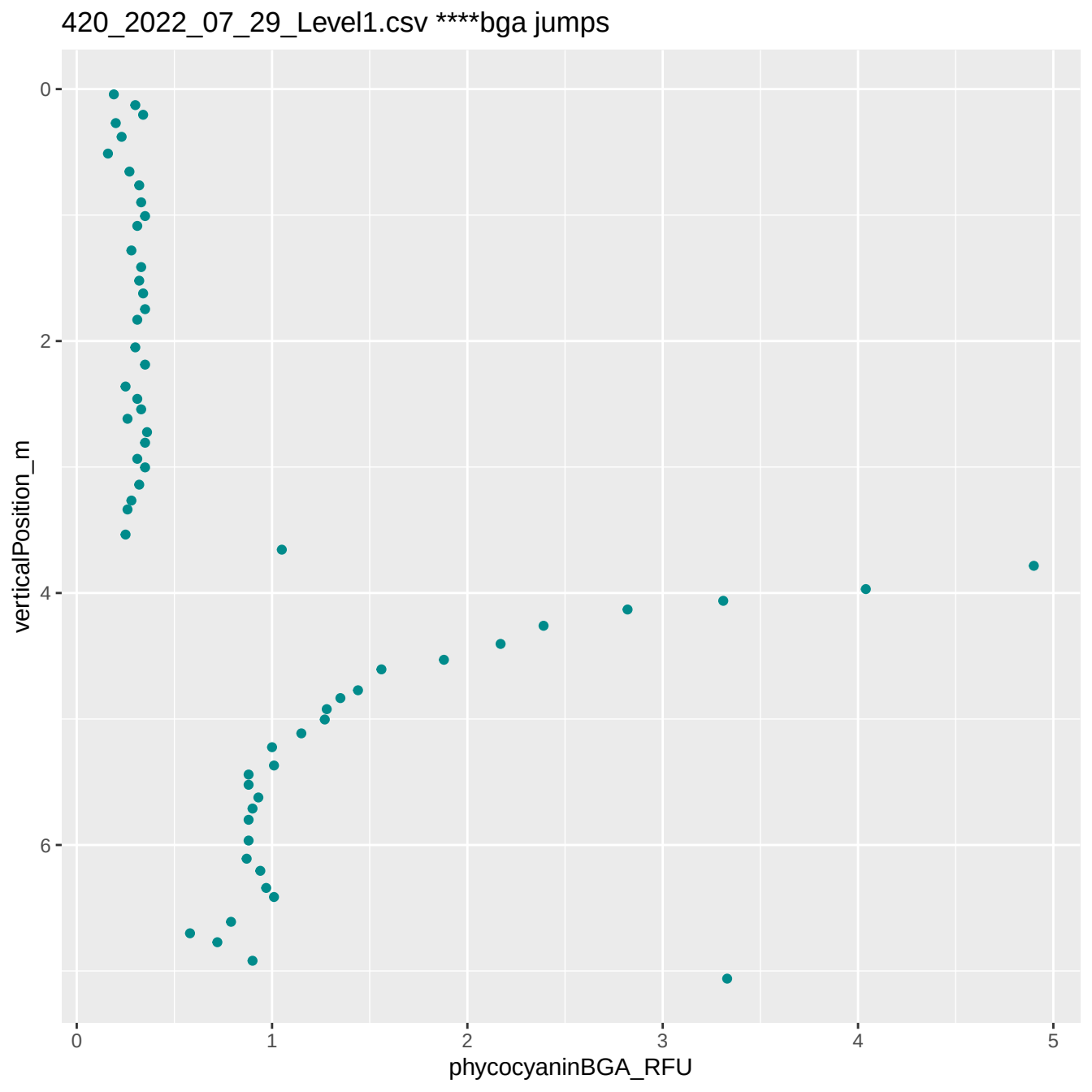

420_2022_07_06_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
temp_degC
15
20
25
30
flag
FALSE
TRUE

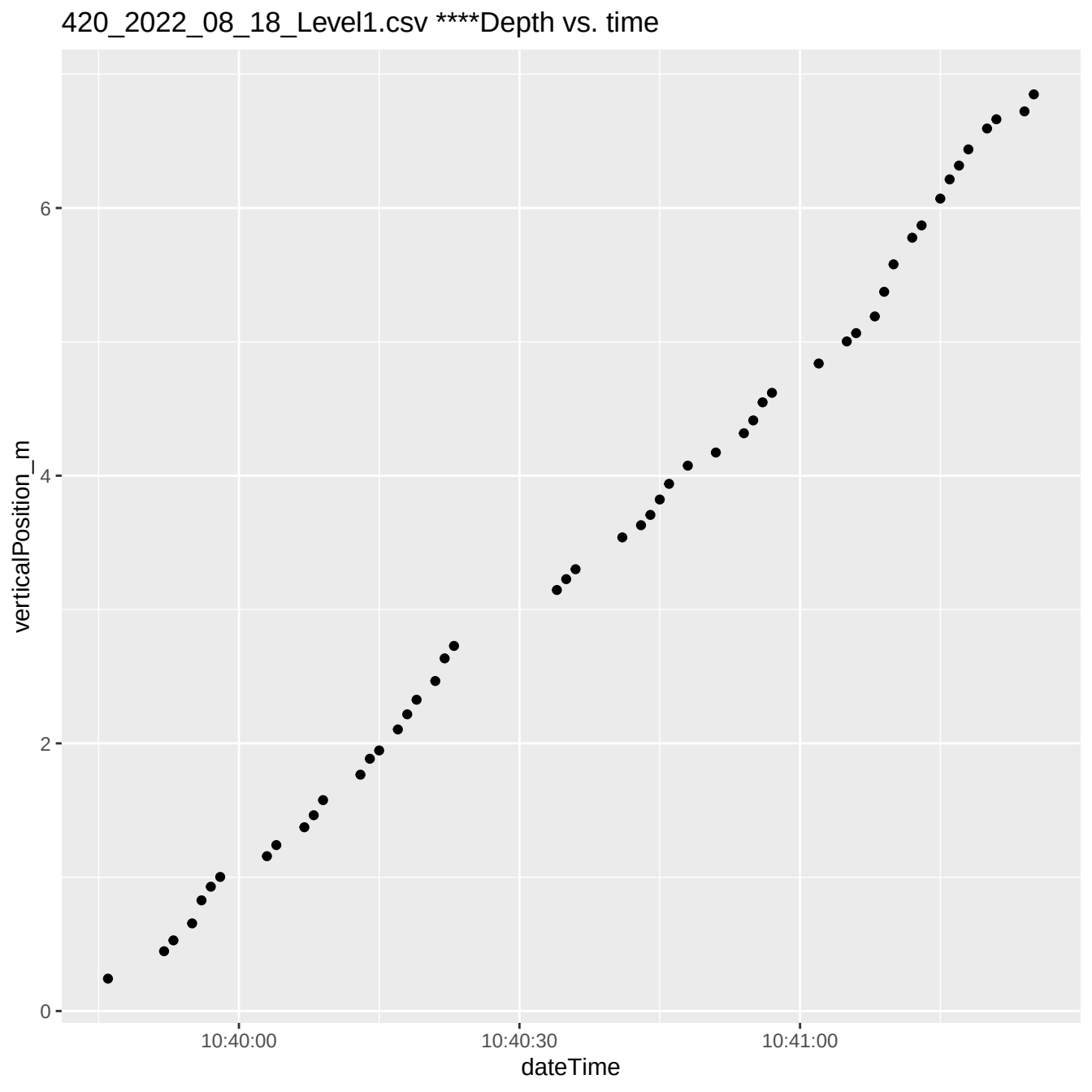

420_2022_07_06_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
turbidity_FNU
0
50
100
150
200

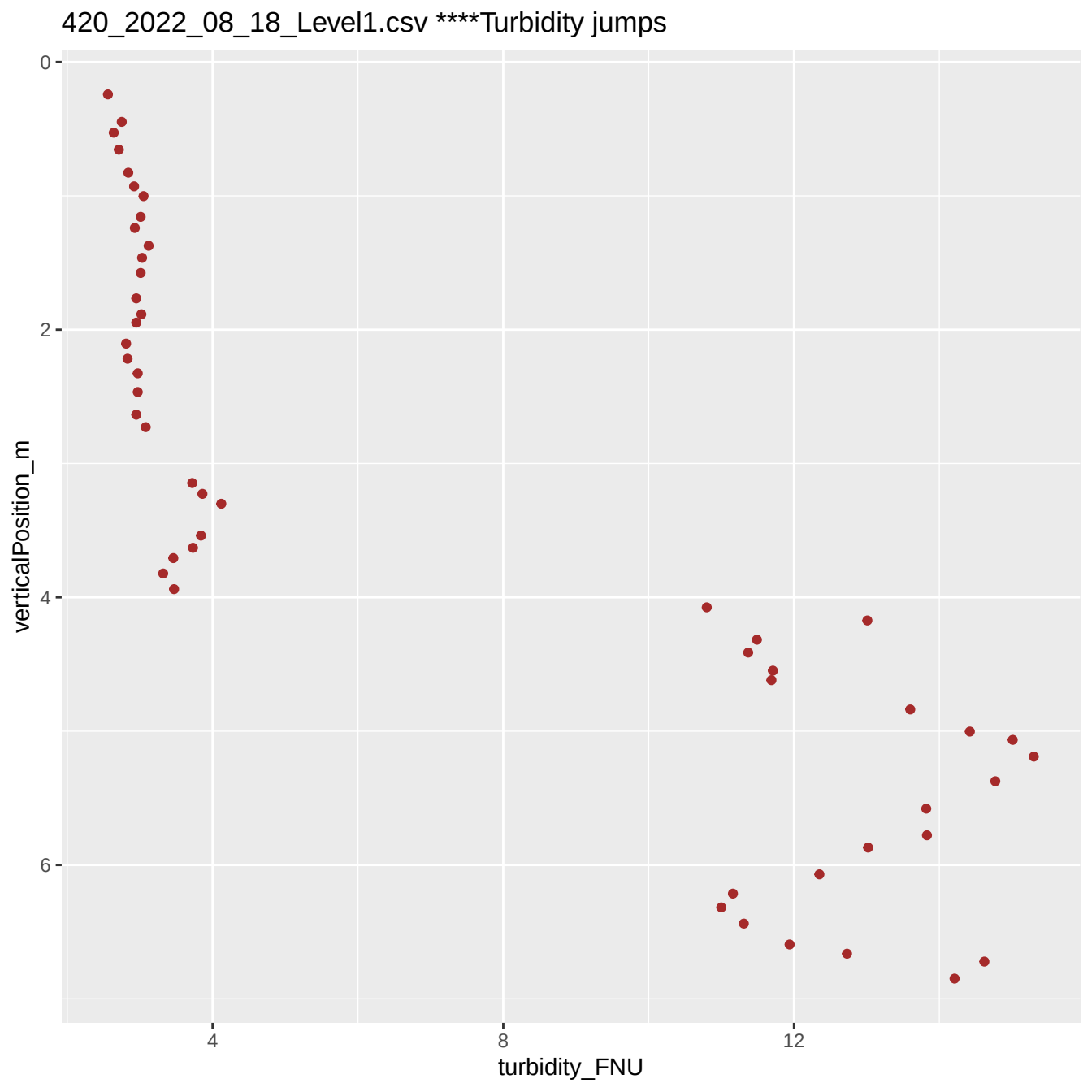

420_2022_07_06_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
chlorophyll_RFU
1
2
3

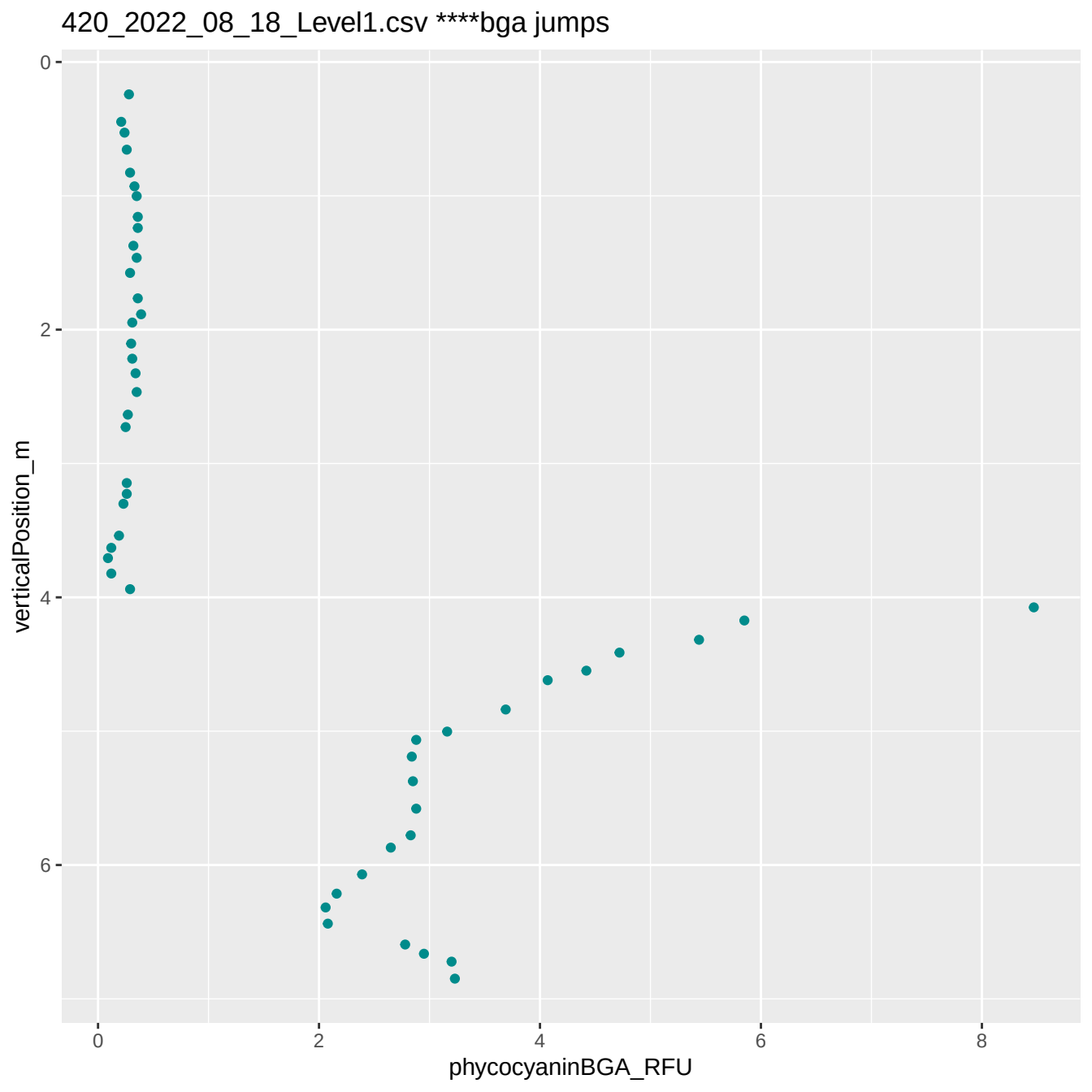

420_2022_07_29_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
15:23:00
15:23:30
15:24:00
dateTime

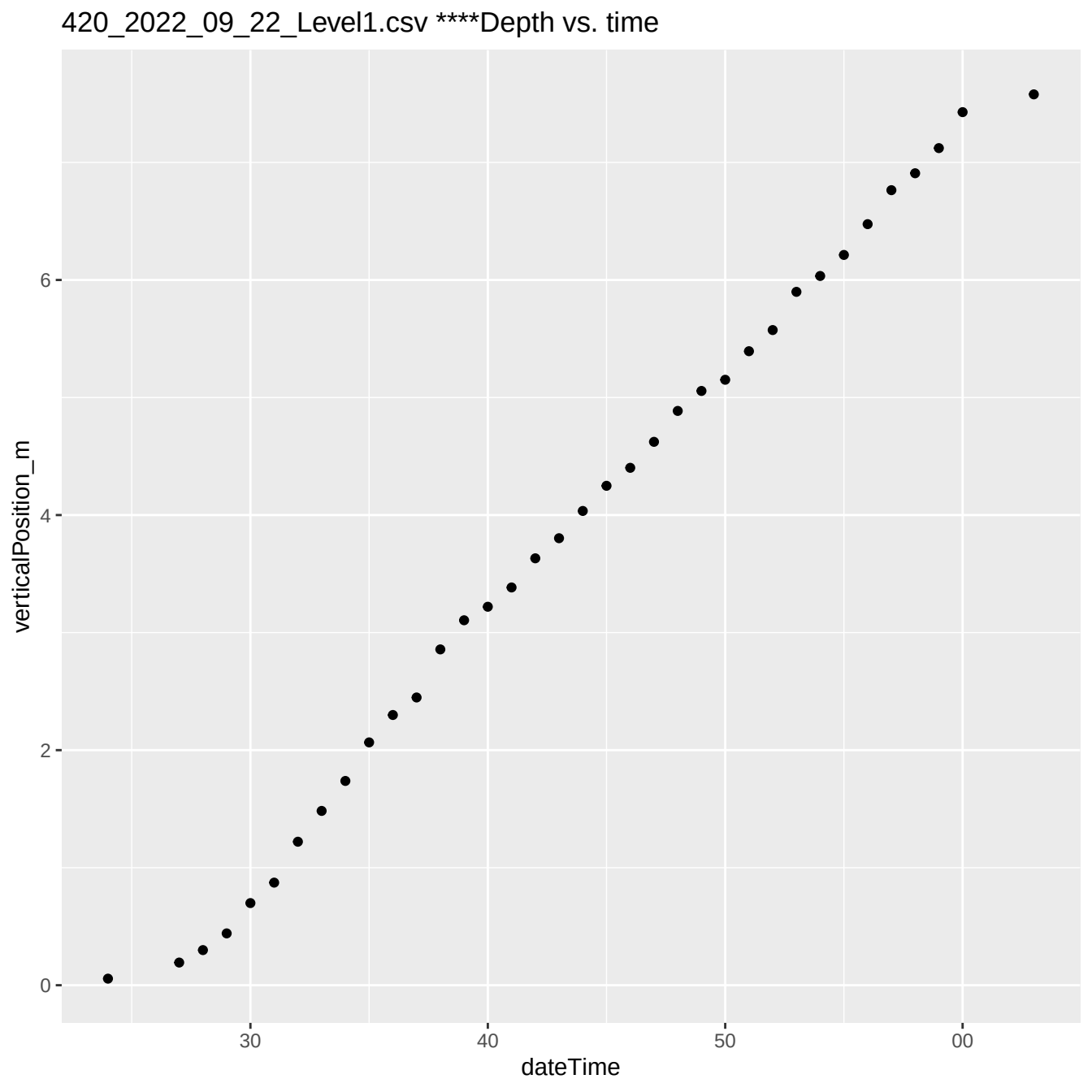

420_2022_07_29_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
chlorophyll_RFU
2
4
6

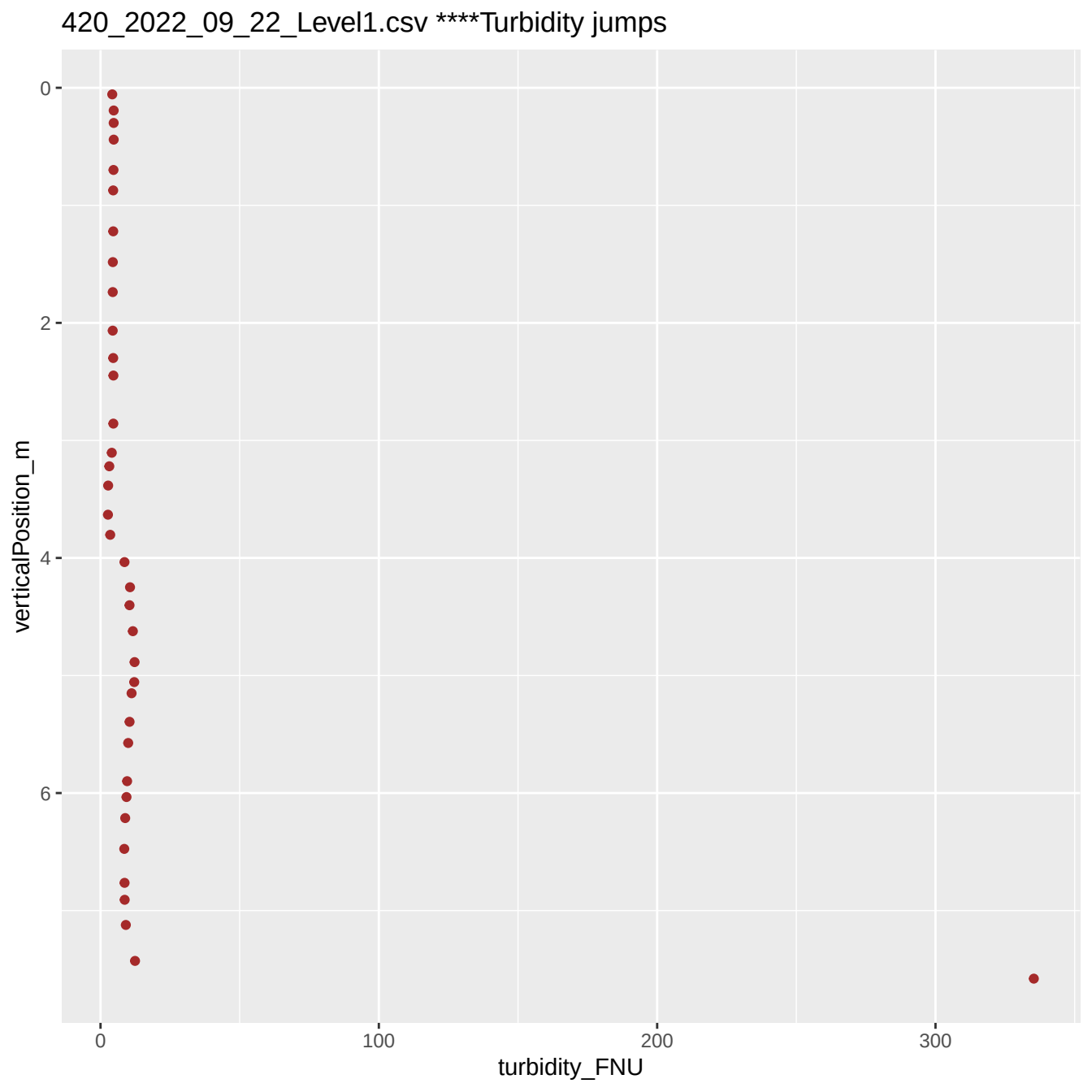

420_2022_07_29_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0
1
2
3
4
5
phycocyaninBGA_RFU

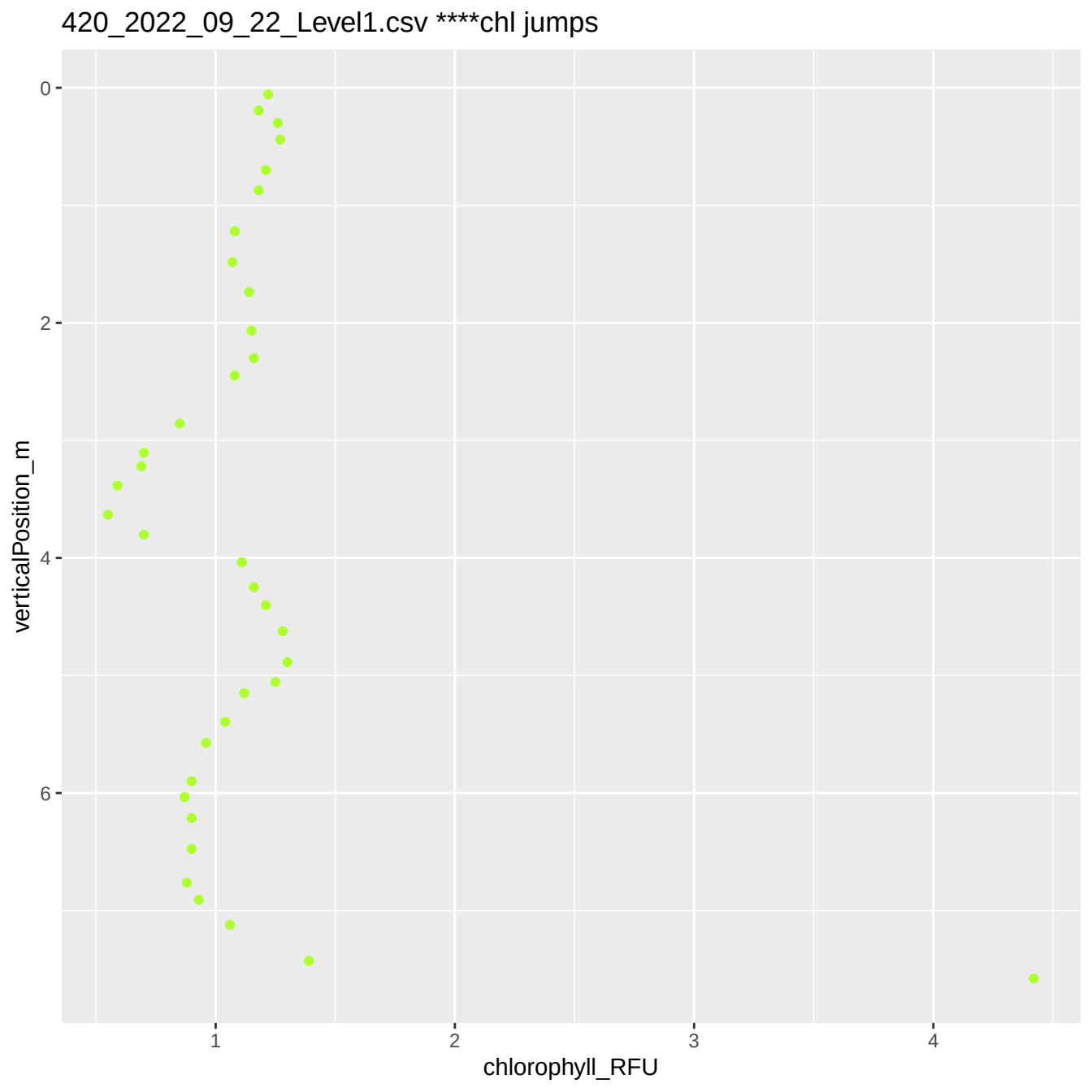

420_2022_08_18_Level1.csv ****Depth vs. time
verticalPosition_m
0
2
4
6
10:40:00
10:40:30
10:41:00
dateTime

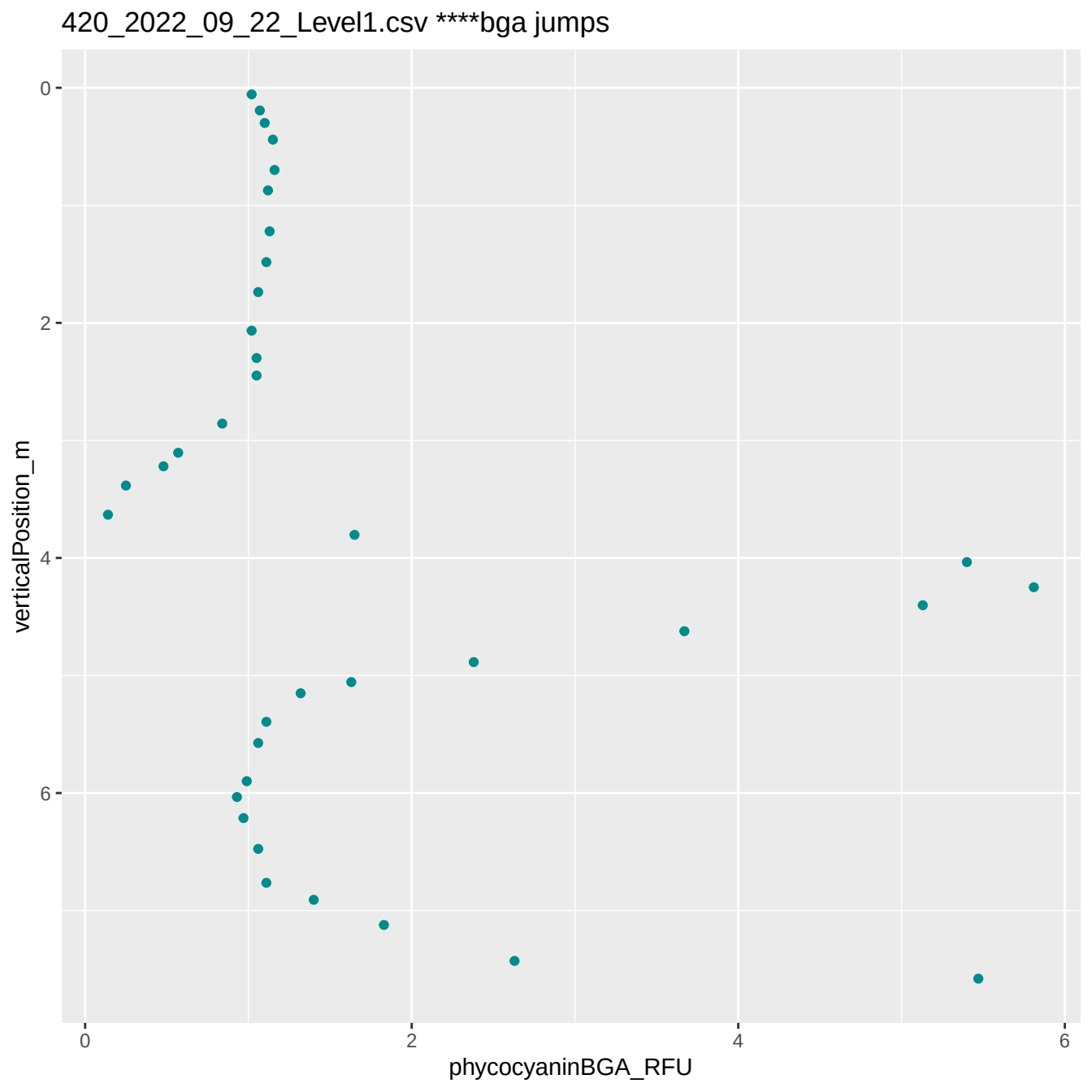

420_2022_08_18_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
4
8
12
turbidity_FNU

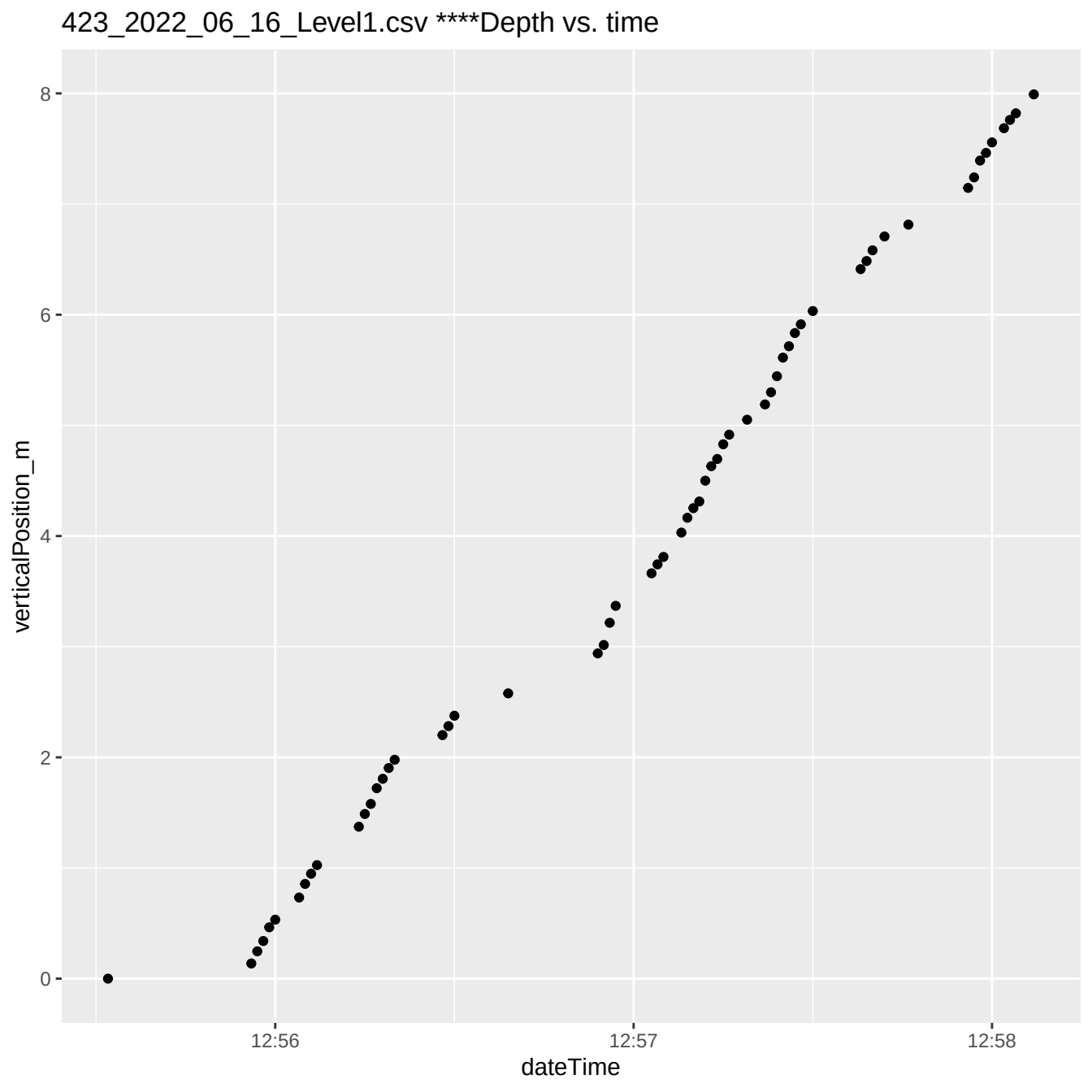

420_2022_08_18_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
0
2
4
6
8
phycocyaninBGA_RFU

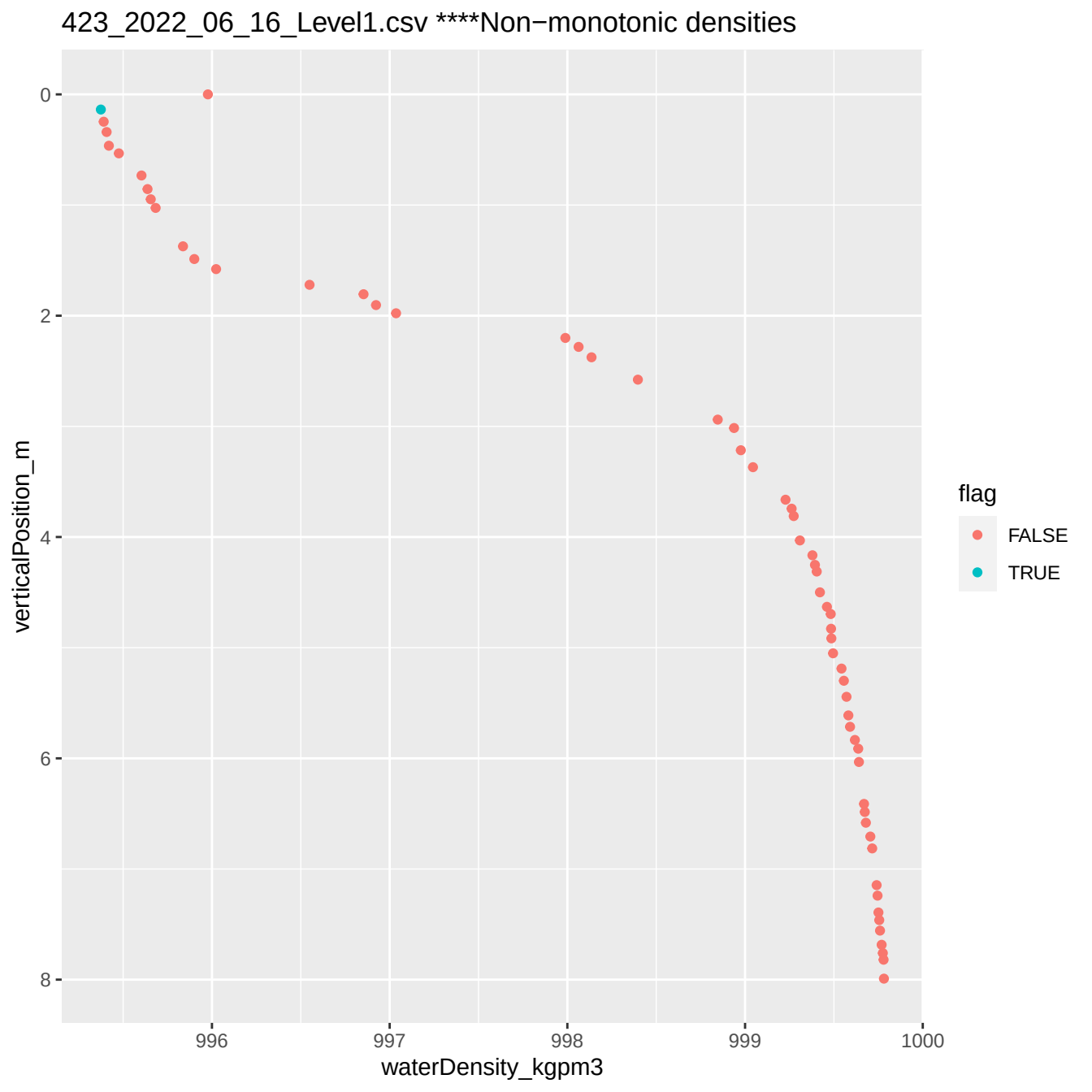

420_2022_09_22_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
30
40
50
00
dateTime

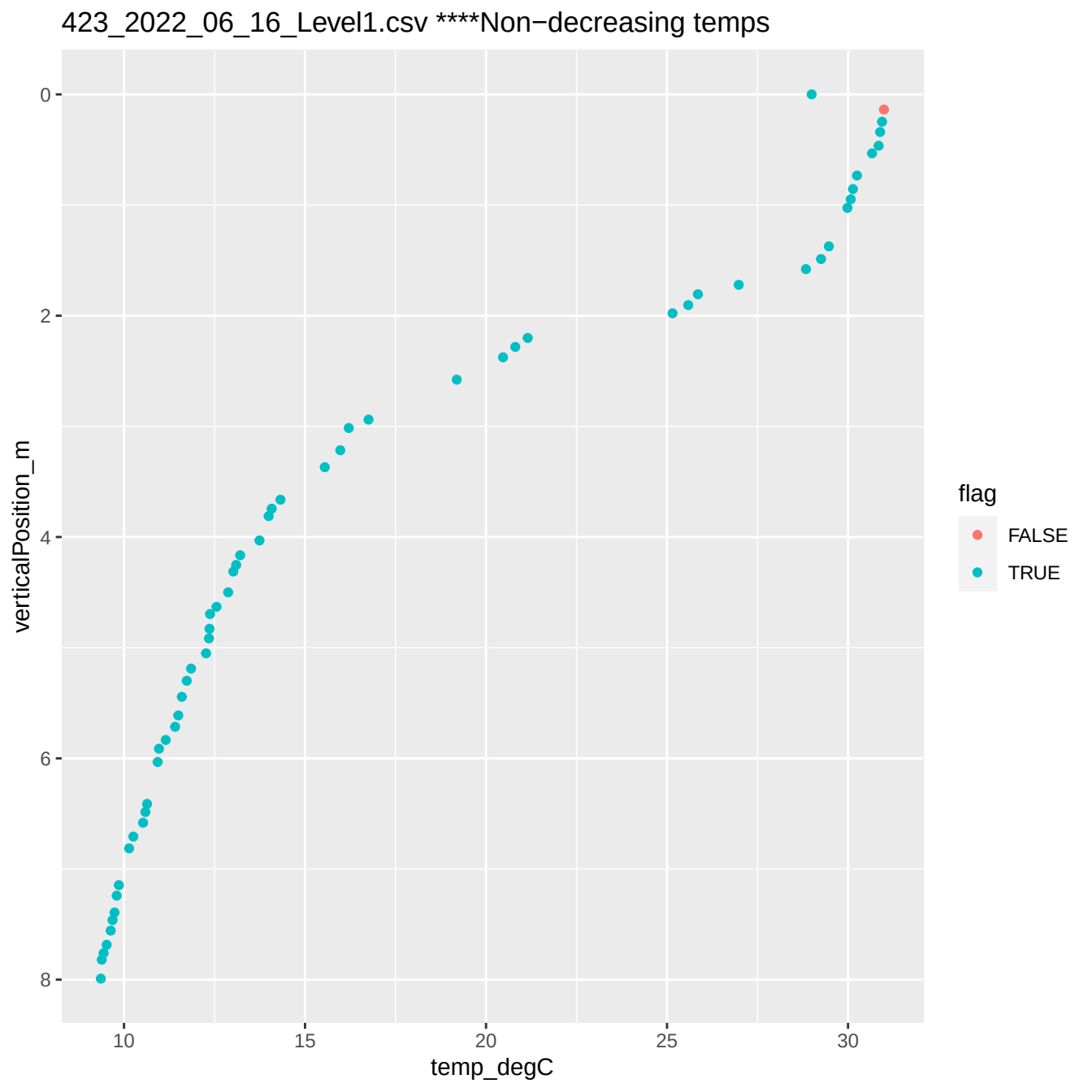

420_2022_09_22_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
0
100
200
300
turbidity_FNU

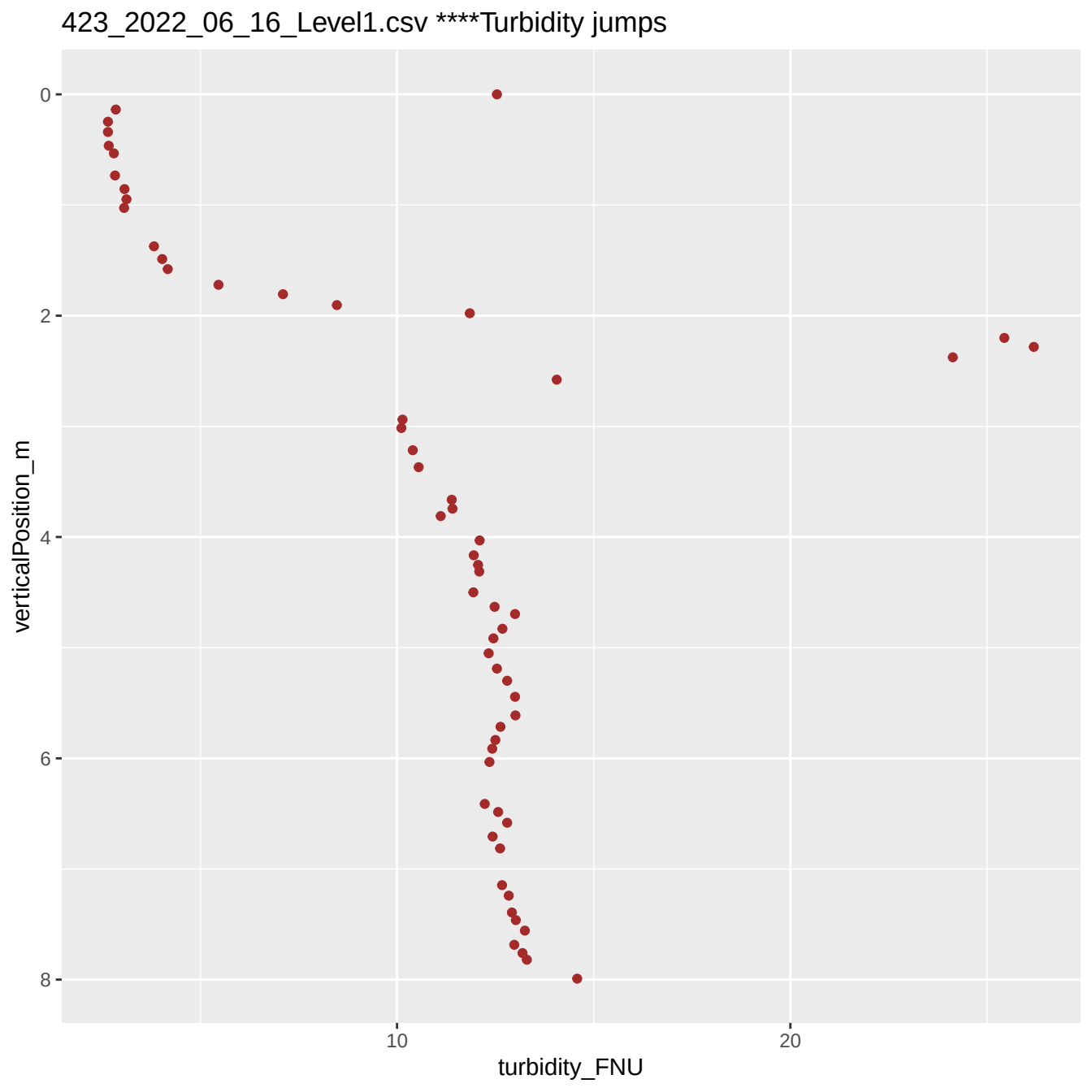

420_2022_09_22_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
chlorophyll_RFU
1
2
3
4

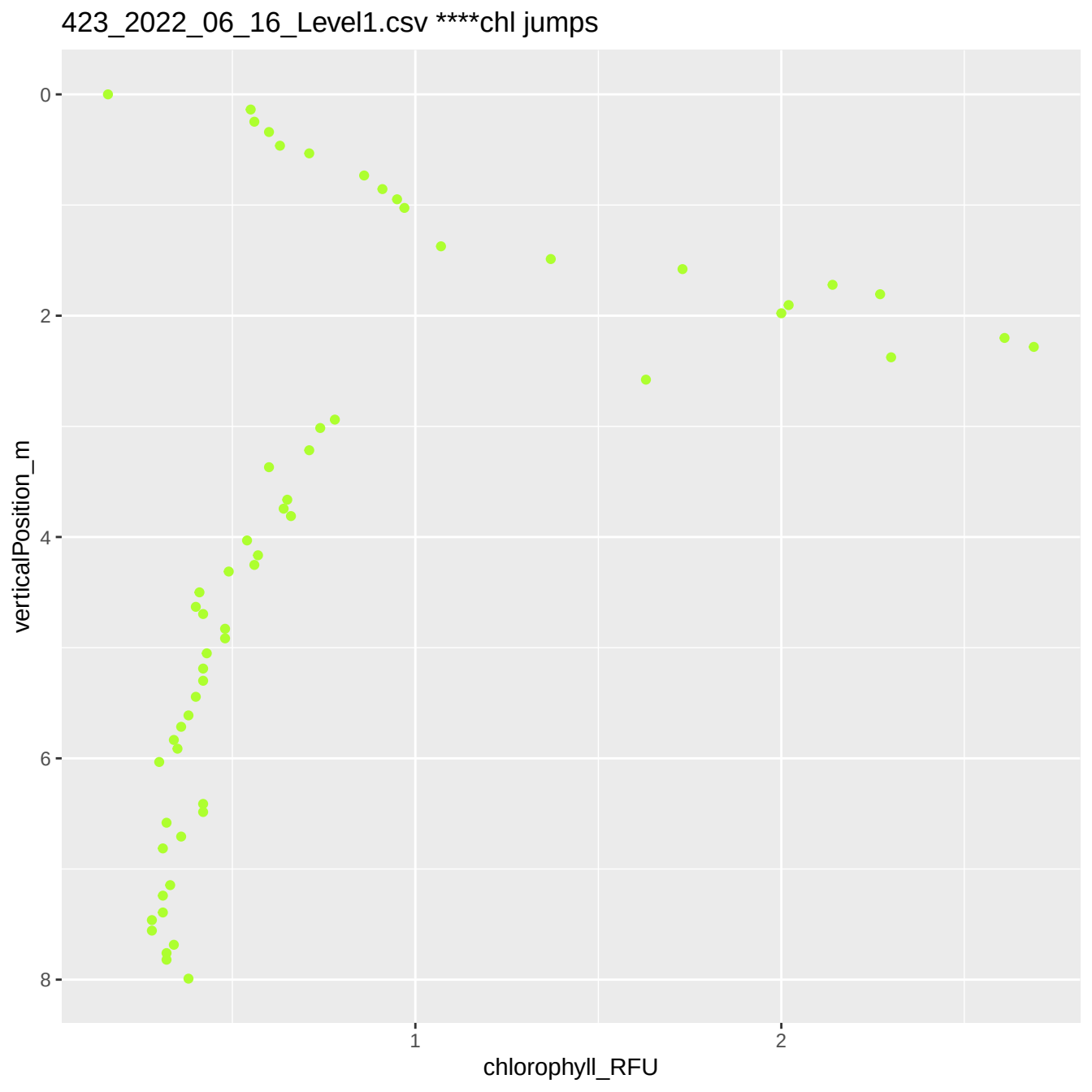

420_2022_09_22_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
phycocyaninBGA_RFU
0
2
4
6

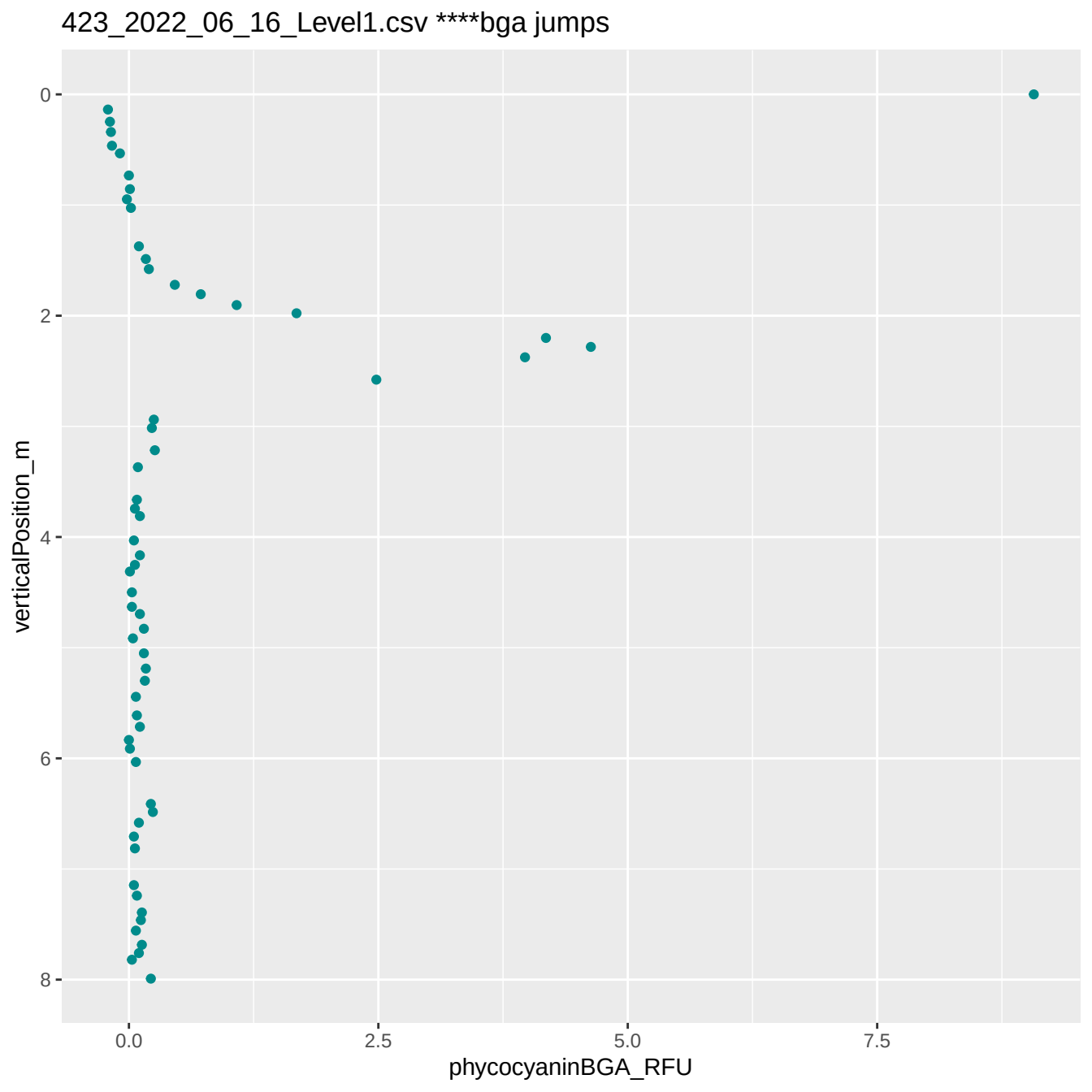

423_2022_06_16_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
12:56
12:57
12:58
dateTime

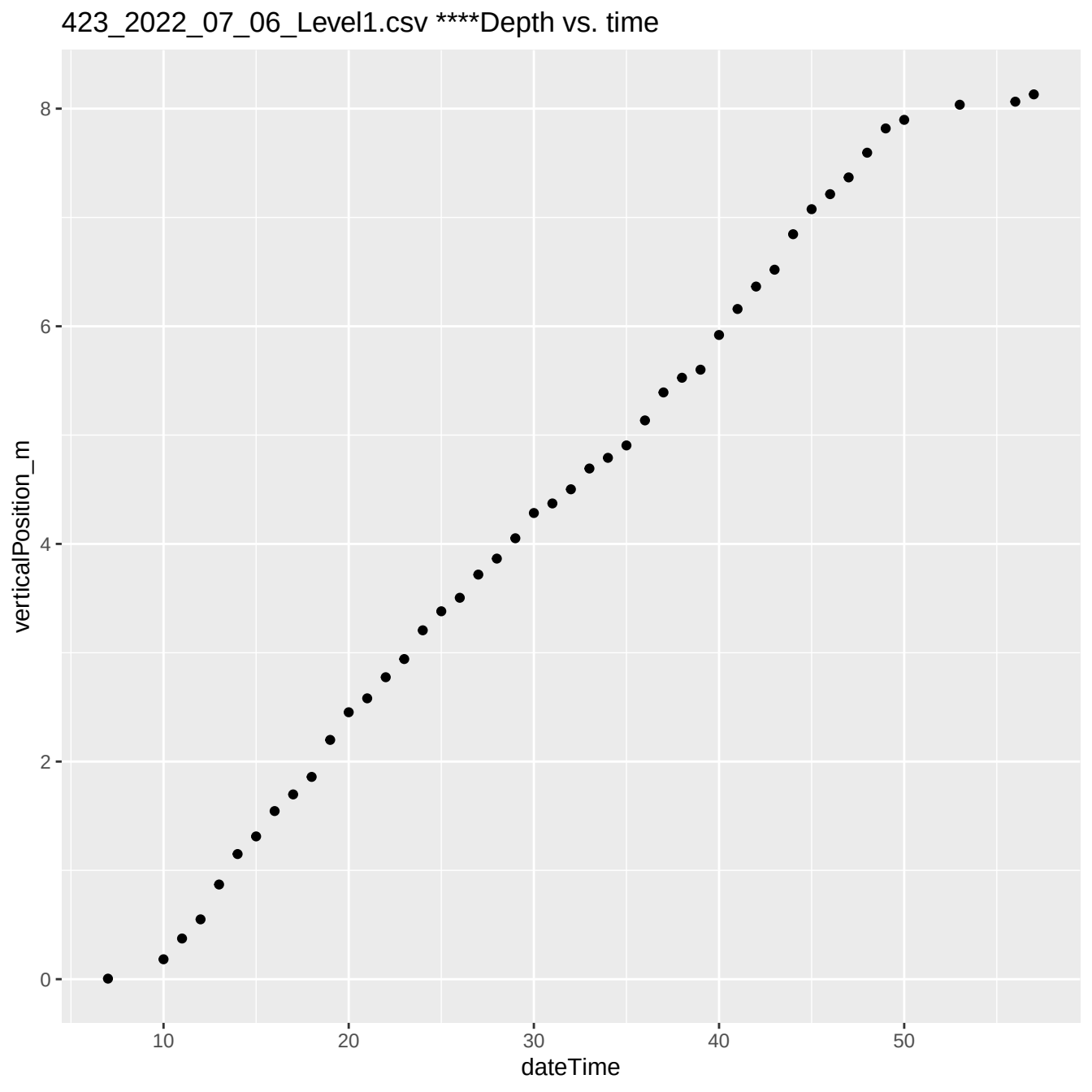

423_2022_06_16_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
8
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

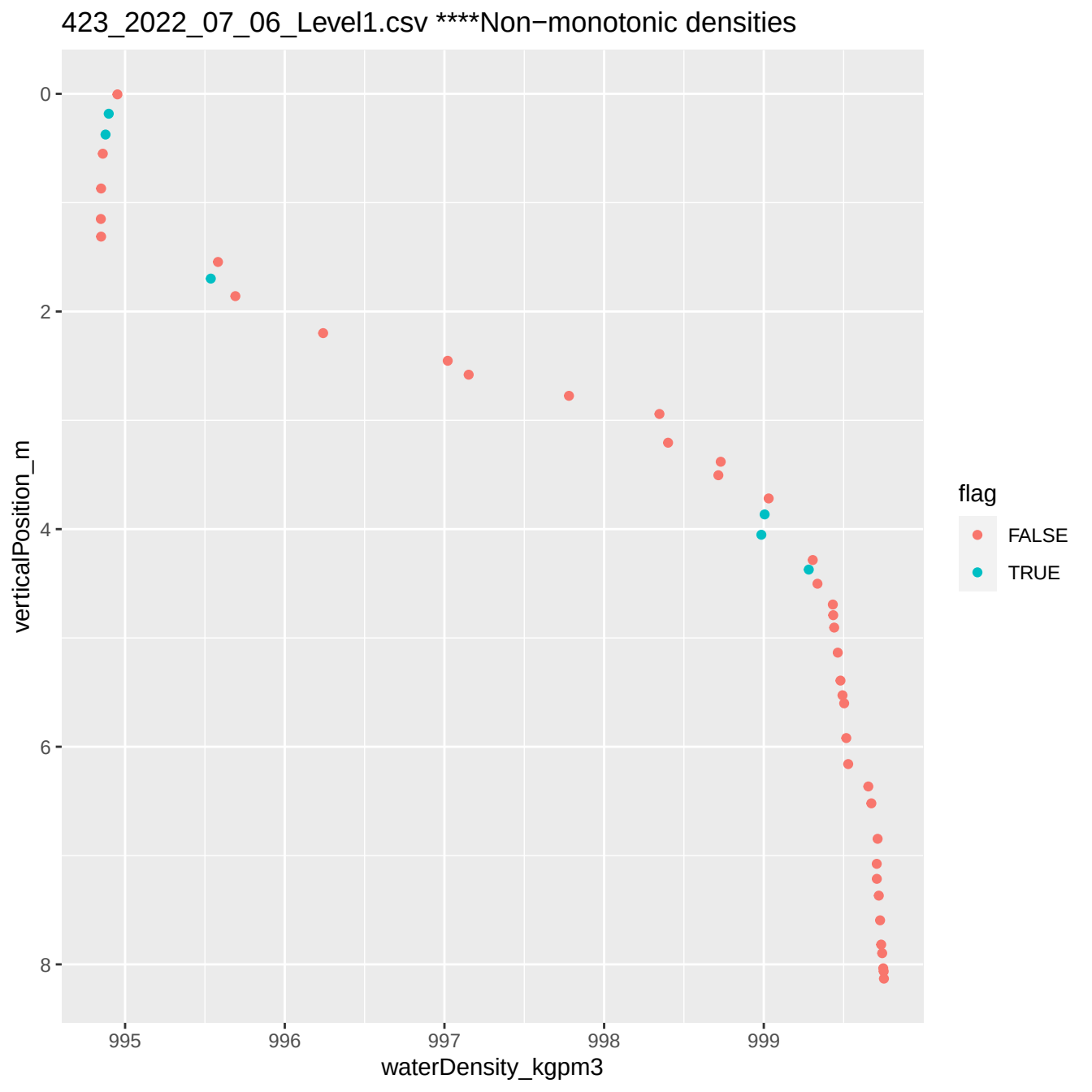

423_2022_06_16_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
8
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

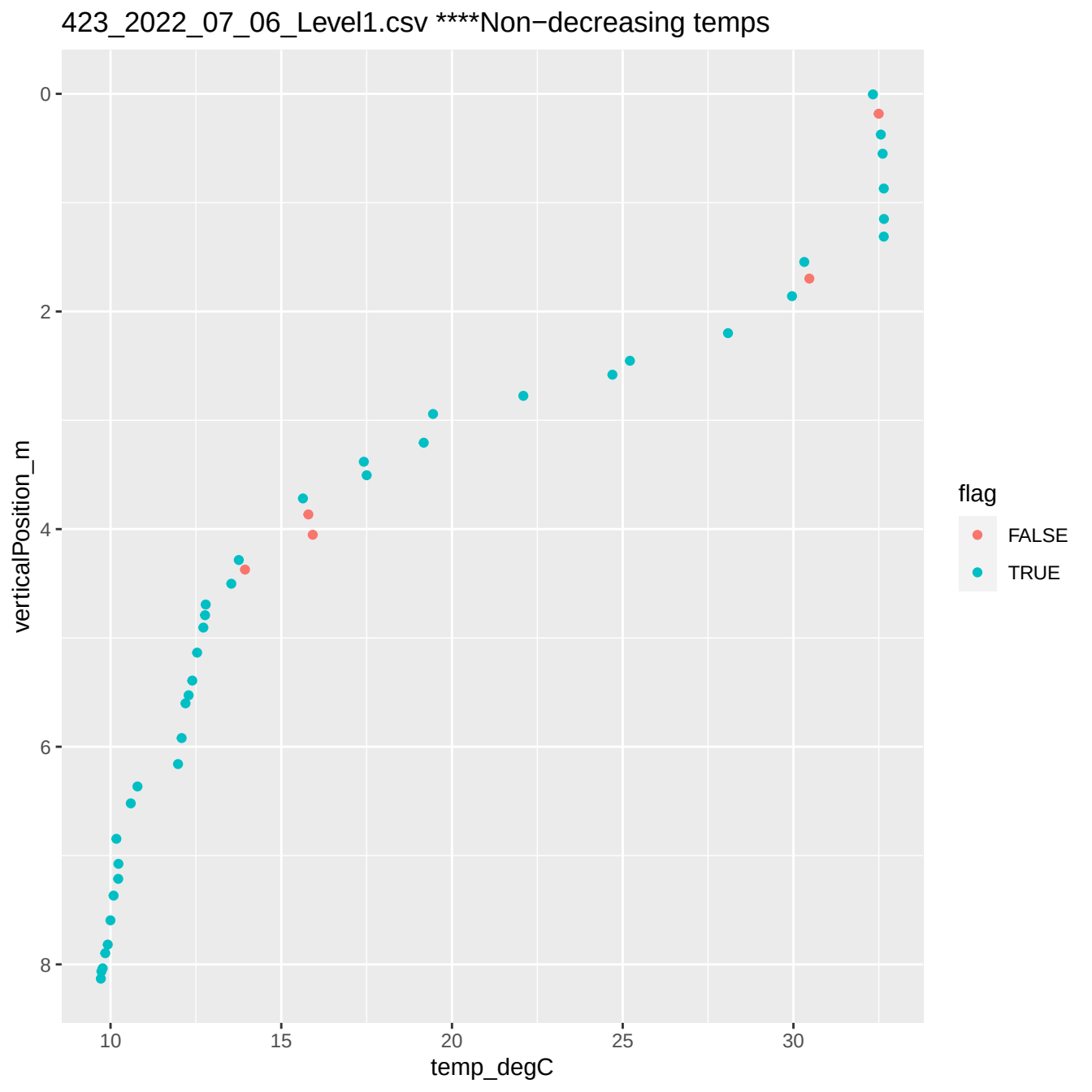

423_2022_06_16_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
10
20
turbidity_FNU

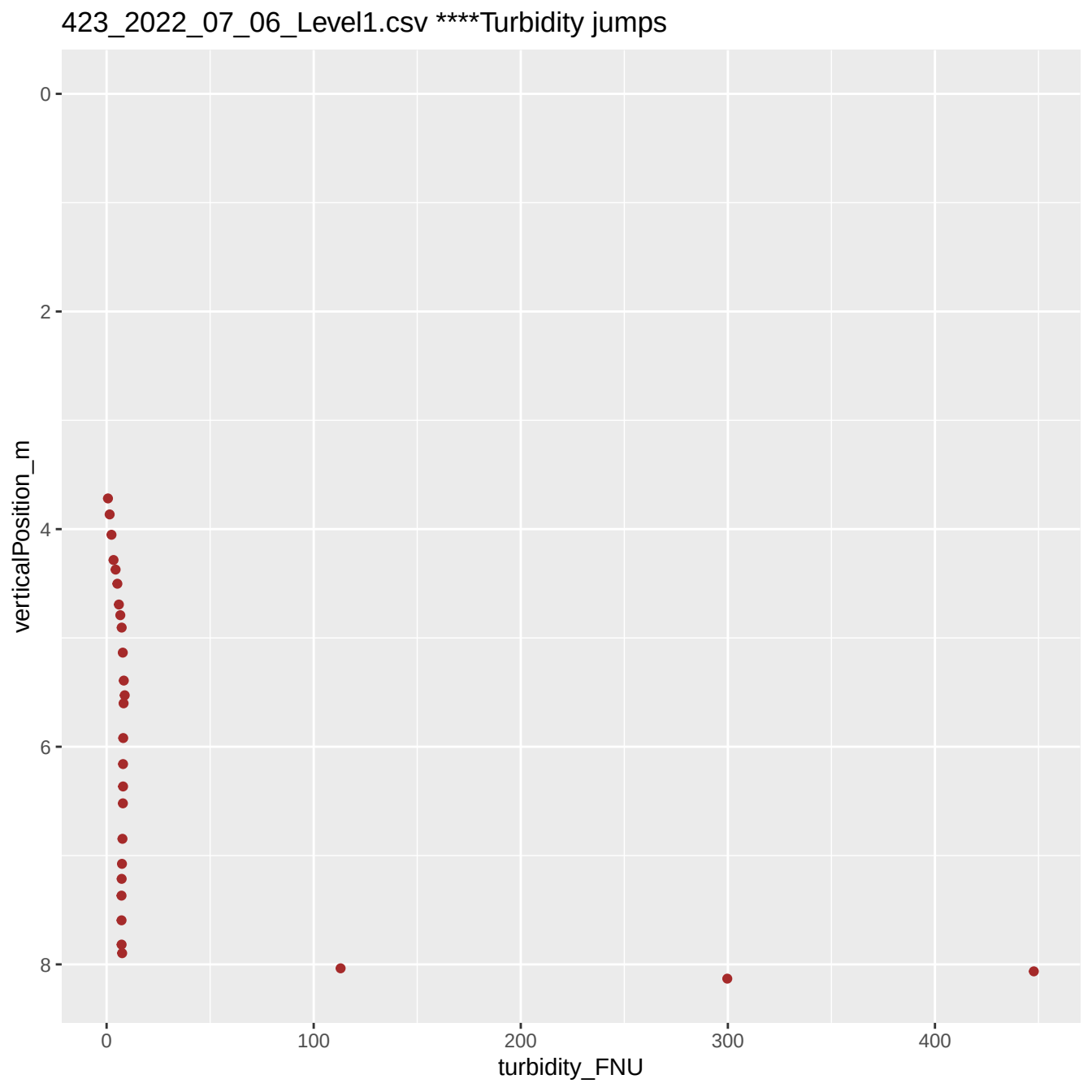

423_2022_06_16_Level1.csv ****chl jumps
0
2
4
6
8
verticalPosition_m
1
2
chlorophyll_RFU

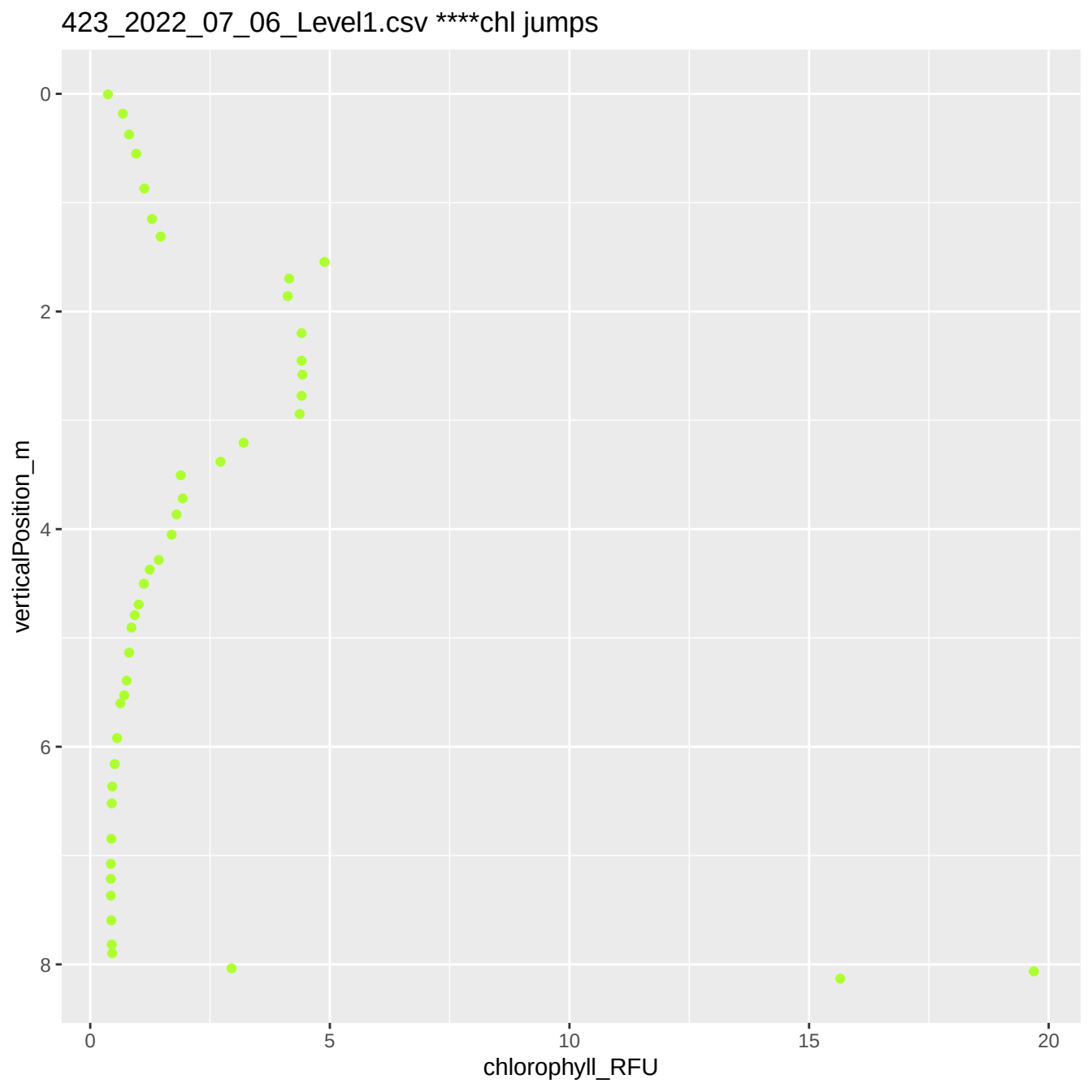

423_2022_06_16_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
0.0
2.5
5.0
7.5
phycocyaninBGA_RFU

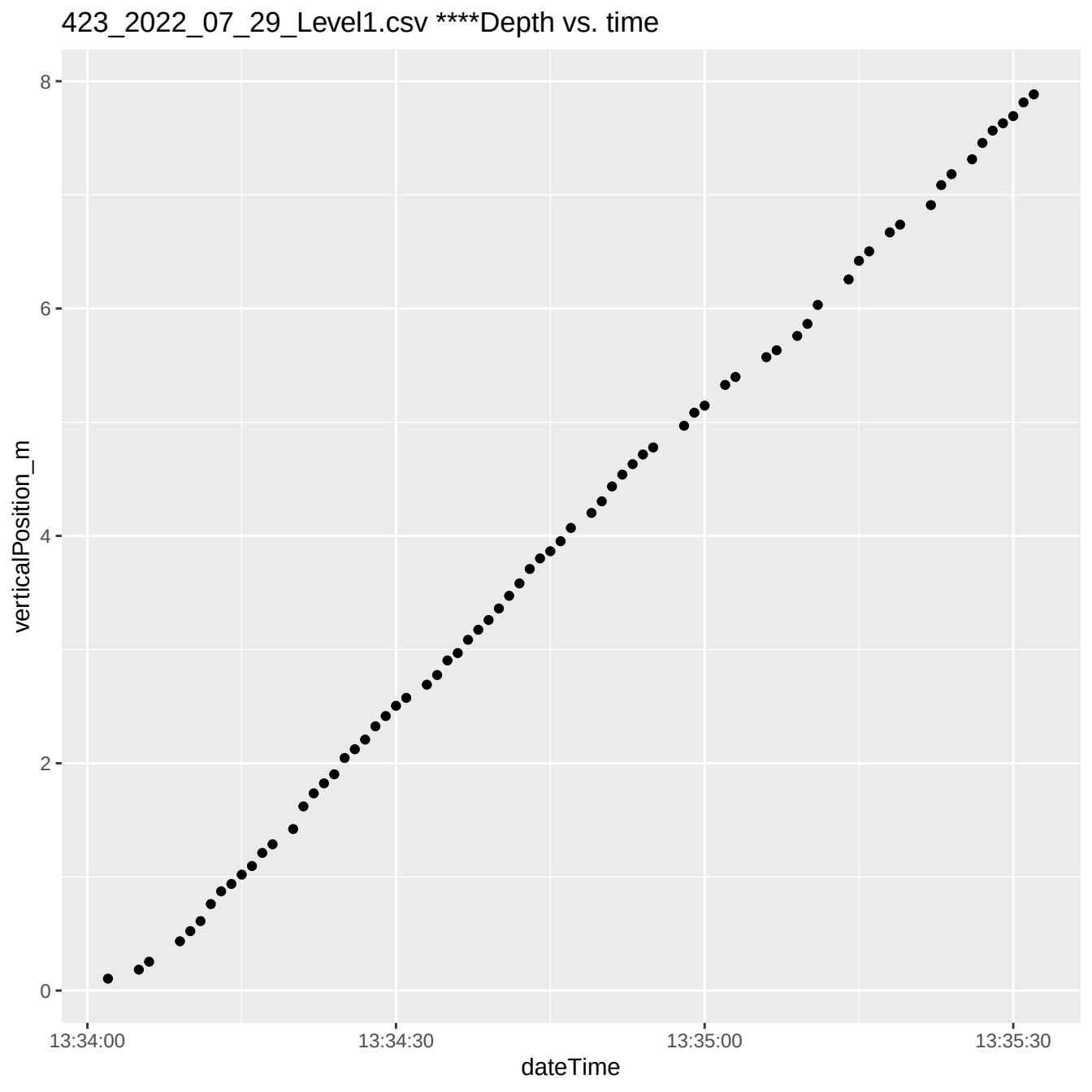

423_2022_07_06_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
10
20
30
40
50
dateTime

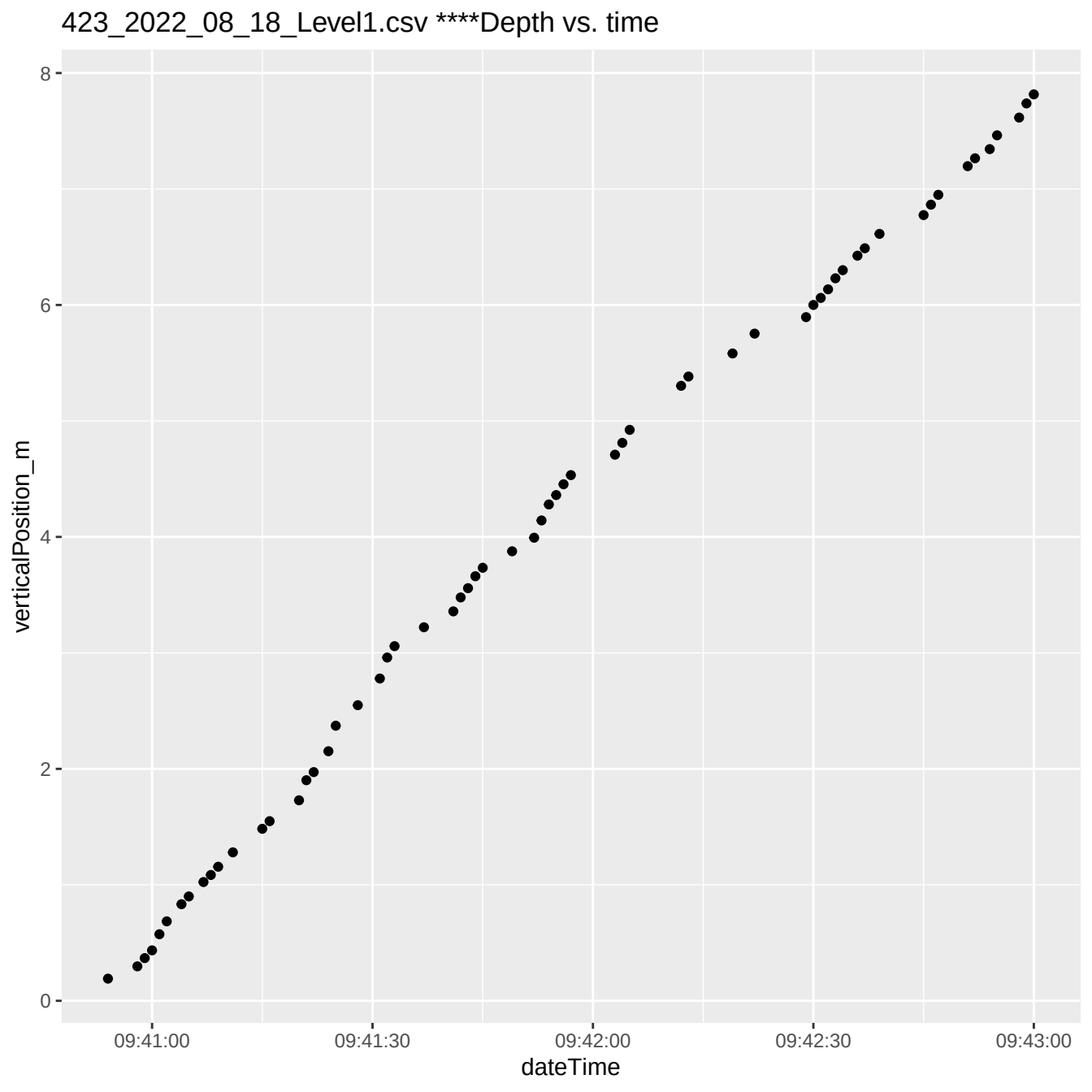

423_2022_07_06_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
8
995
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

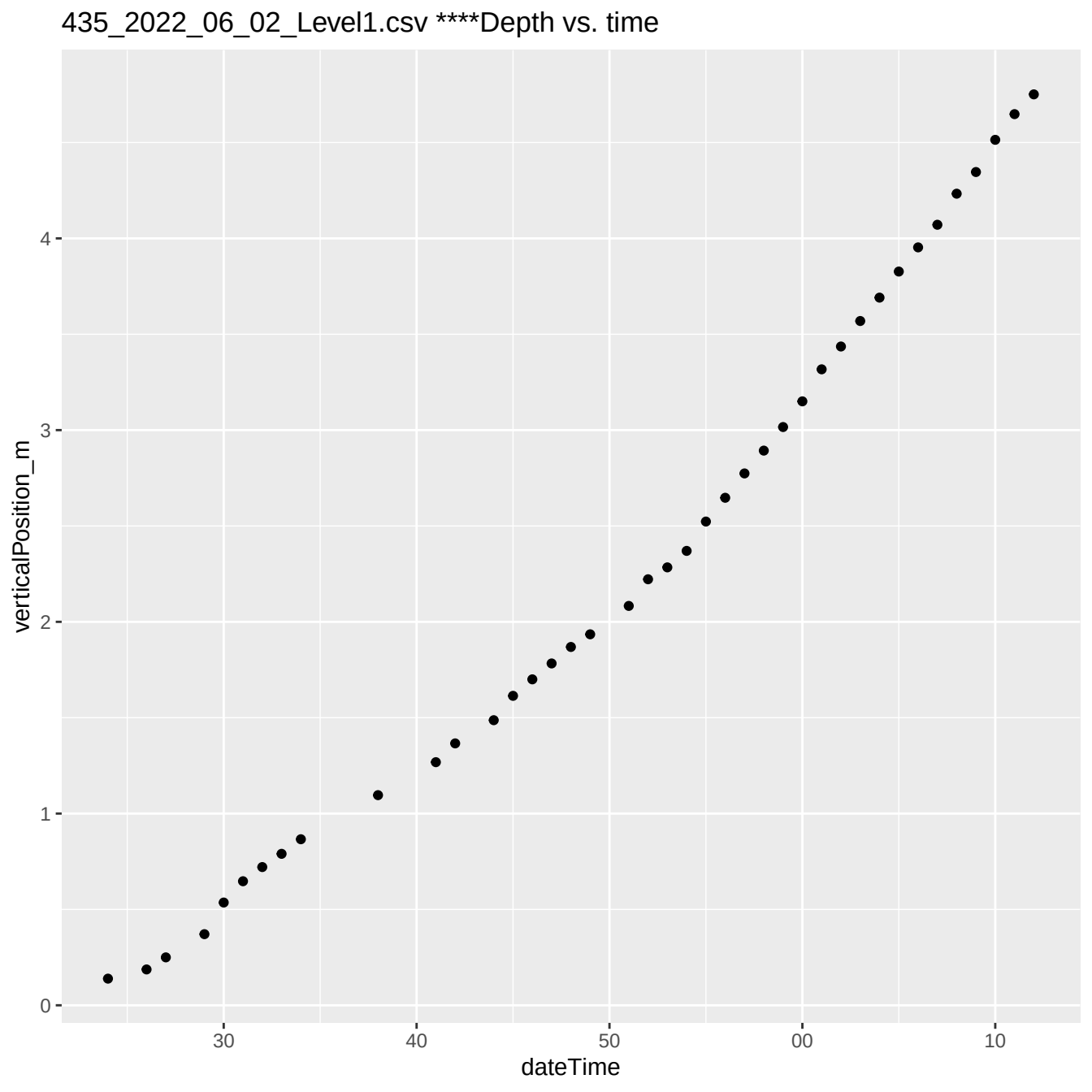

423_2022_07_06_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
8
10
15
20
25
30
temp_degC
flag
FALSE
TRUE

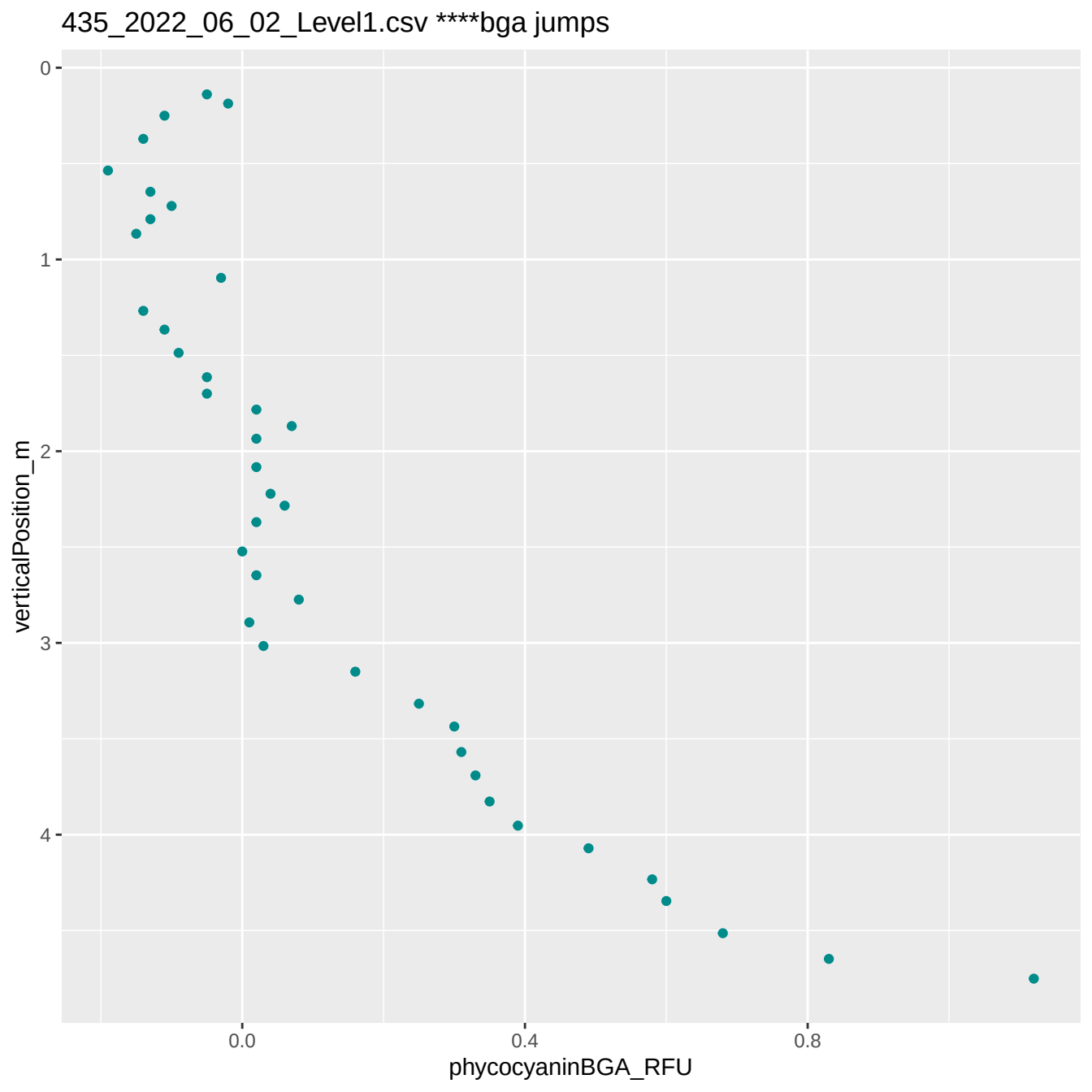

423_2022_07_06_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
0
100
200
300
400
turbidity_FNU

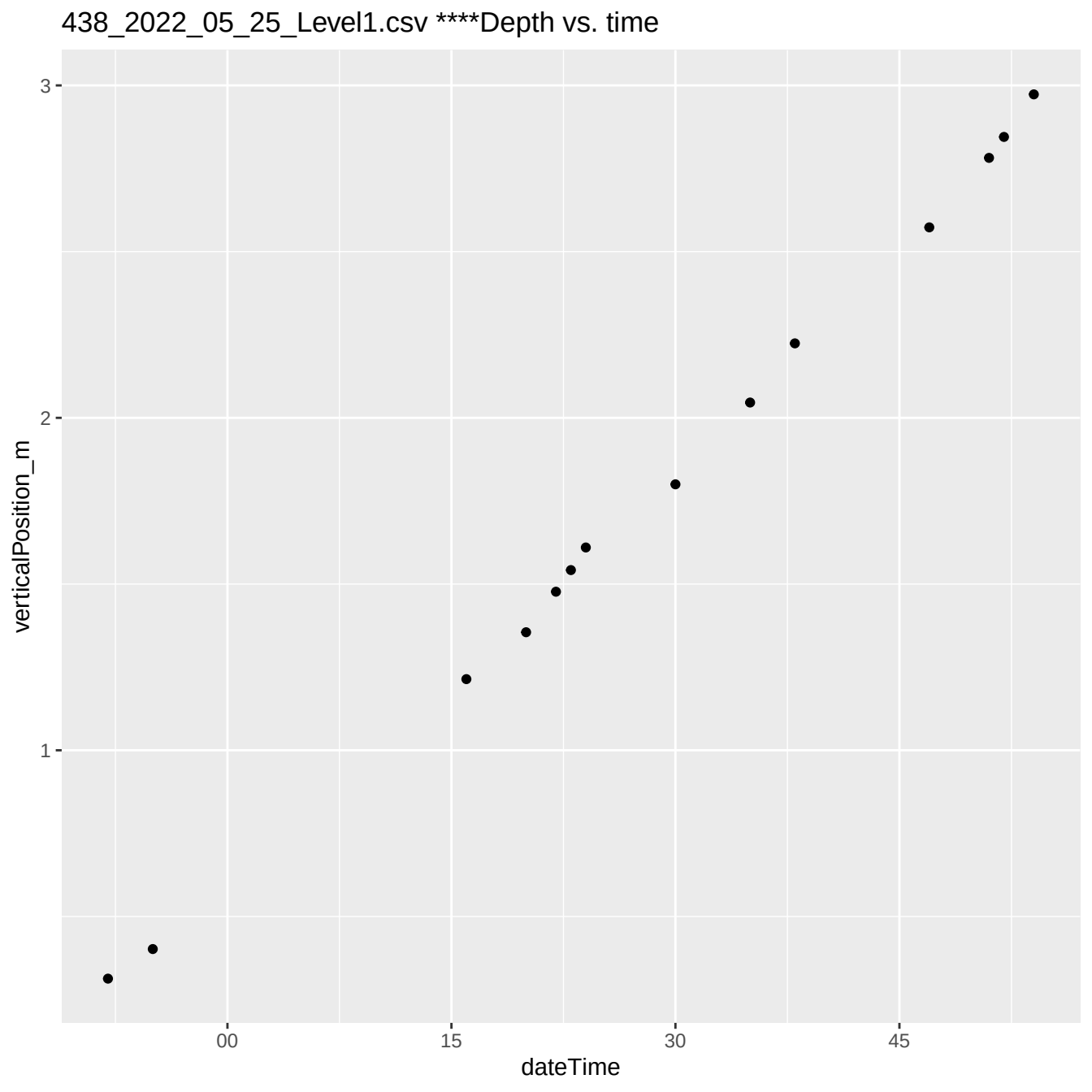

423_2022_07_06_Level1.csv ****chl jumps
verticalPosition_m
0
2
4
6
8
chlorophyll_RFU
0
5
10
15
20

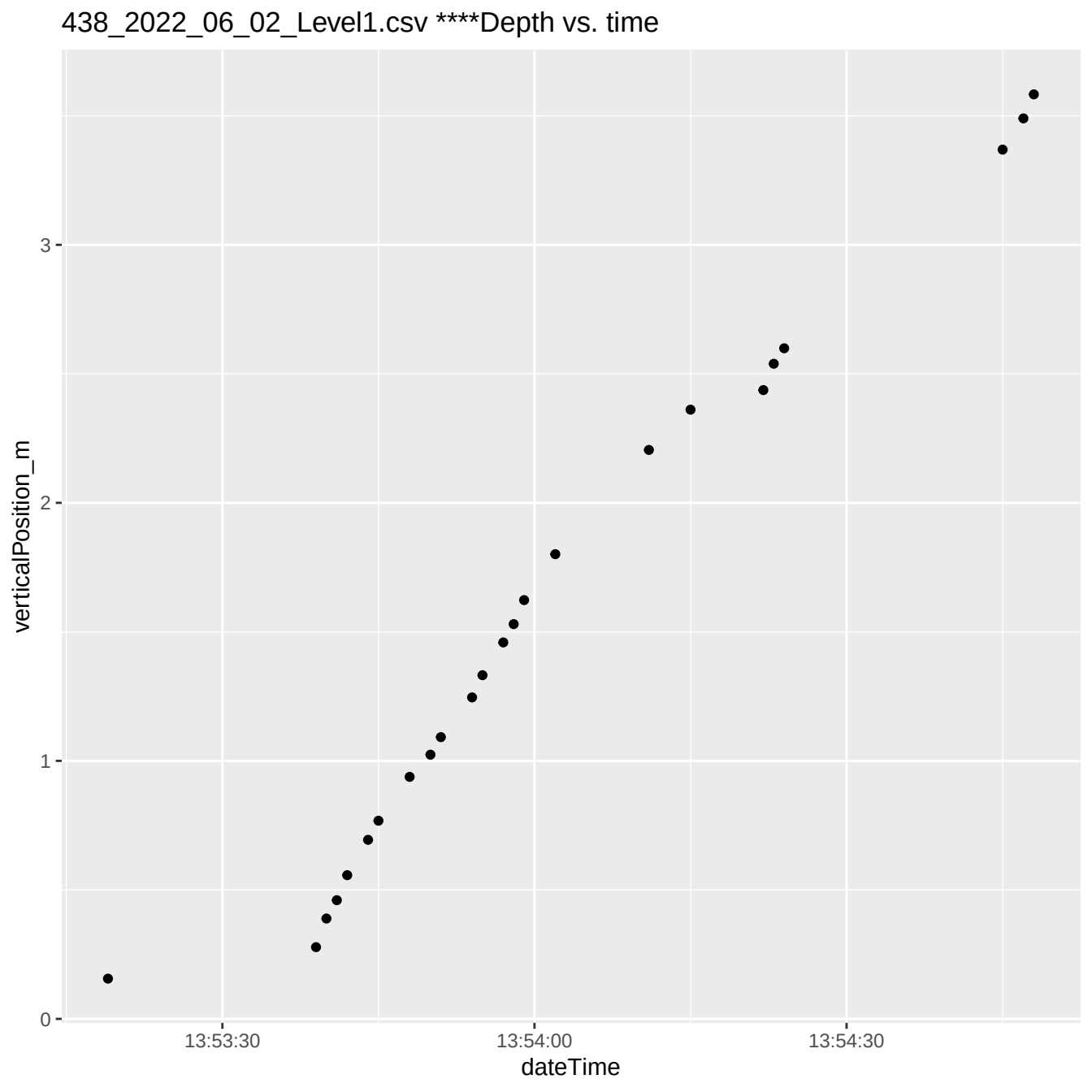

423_2022_07_29_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
13:34:00
13:34:30
13:35:00
13:35:30
dateTime

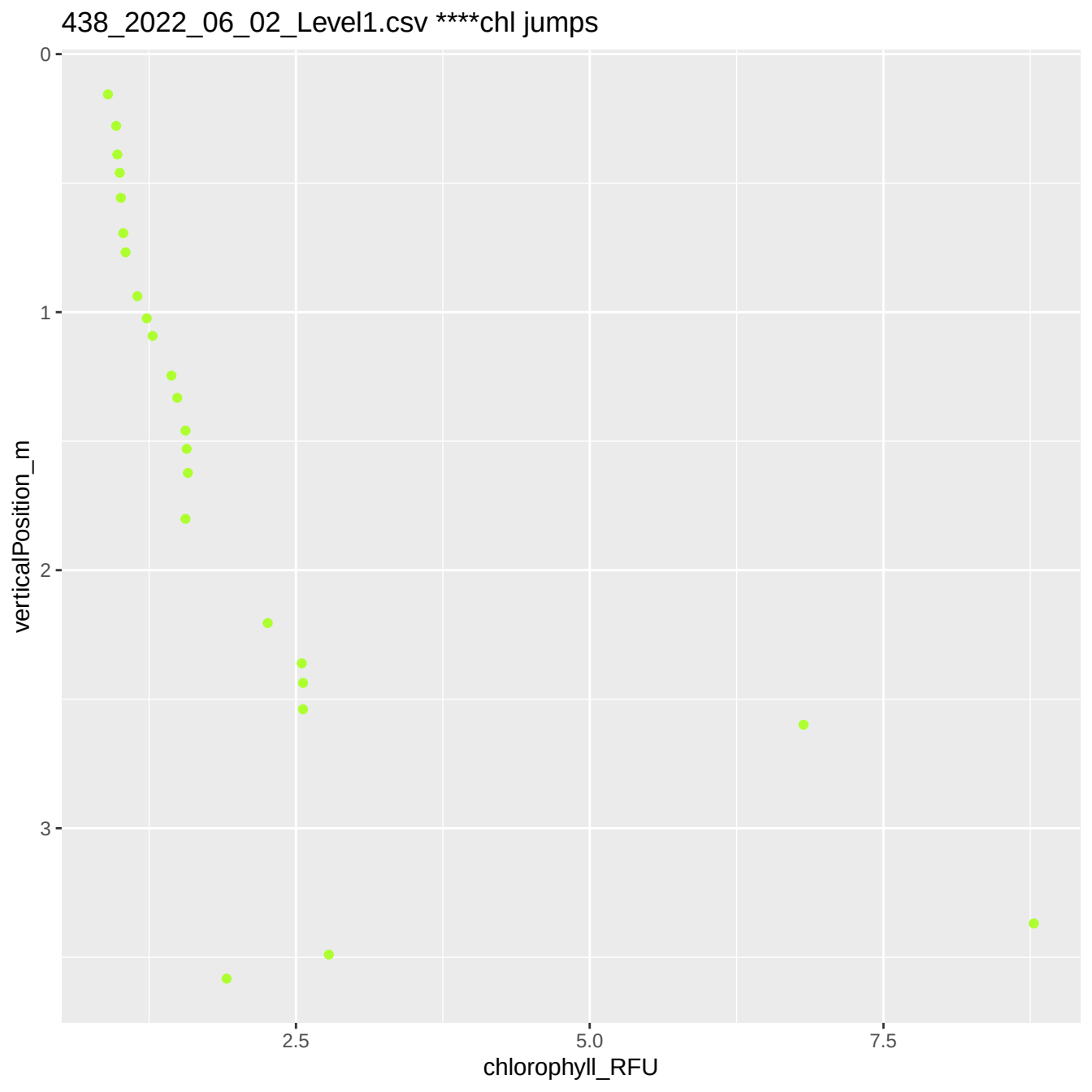

423_2022_08_18_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
09:41:00
09:41:30
09:42:00
09:42:30
09:43:00
dateTime

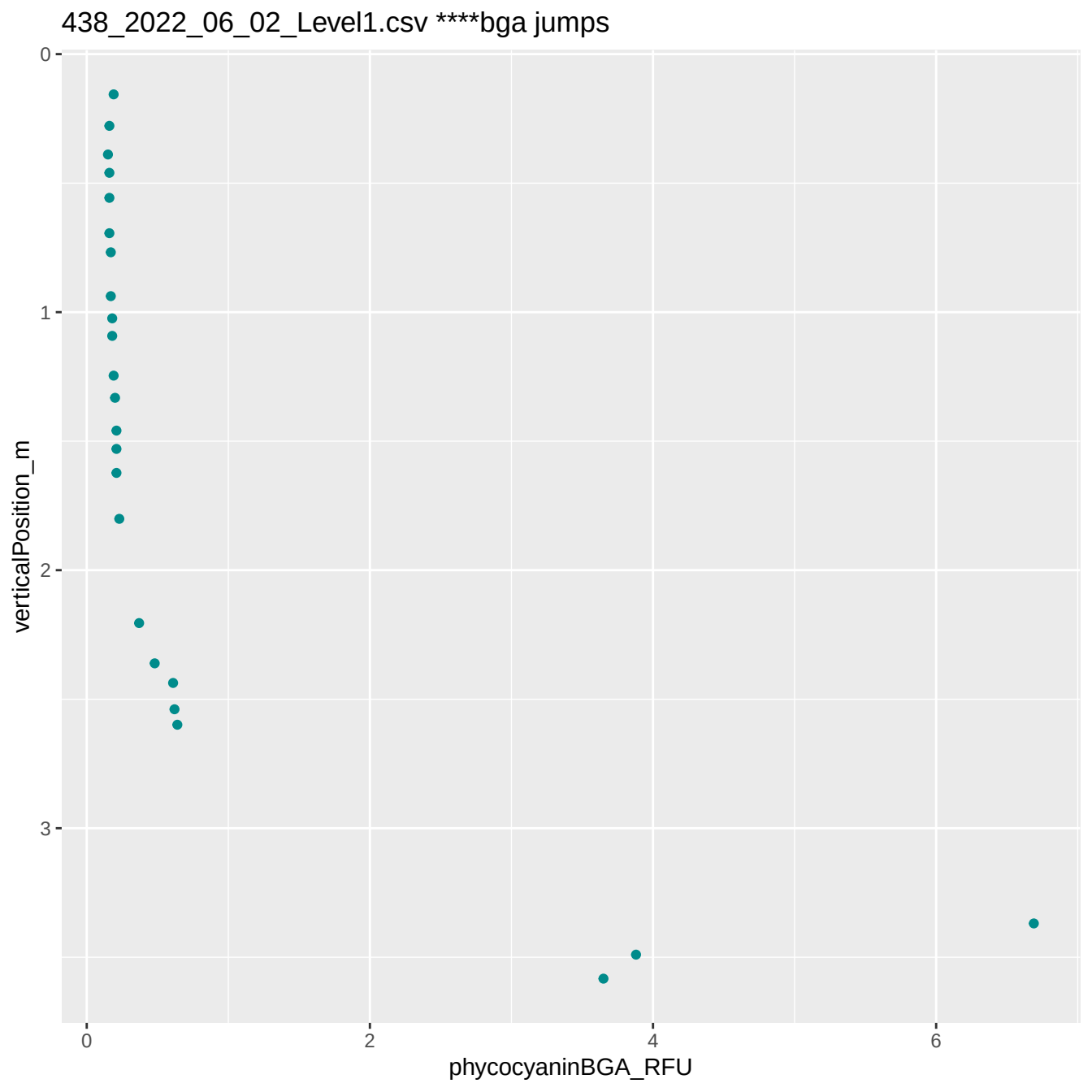

435_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
4
3
2
1
0
30
40
50
00
10
dateTime

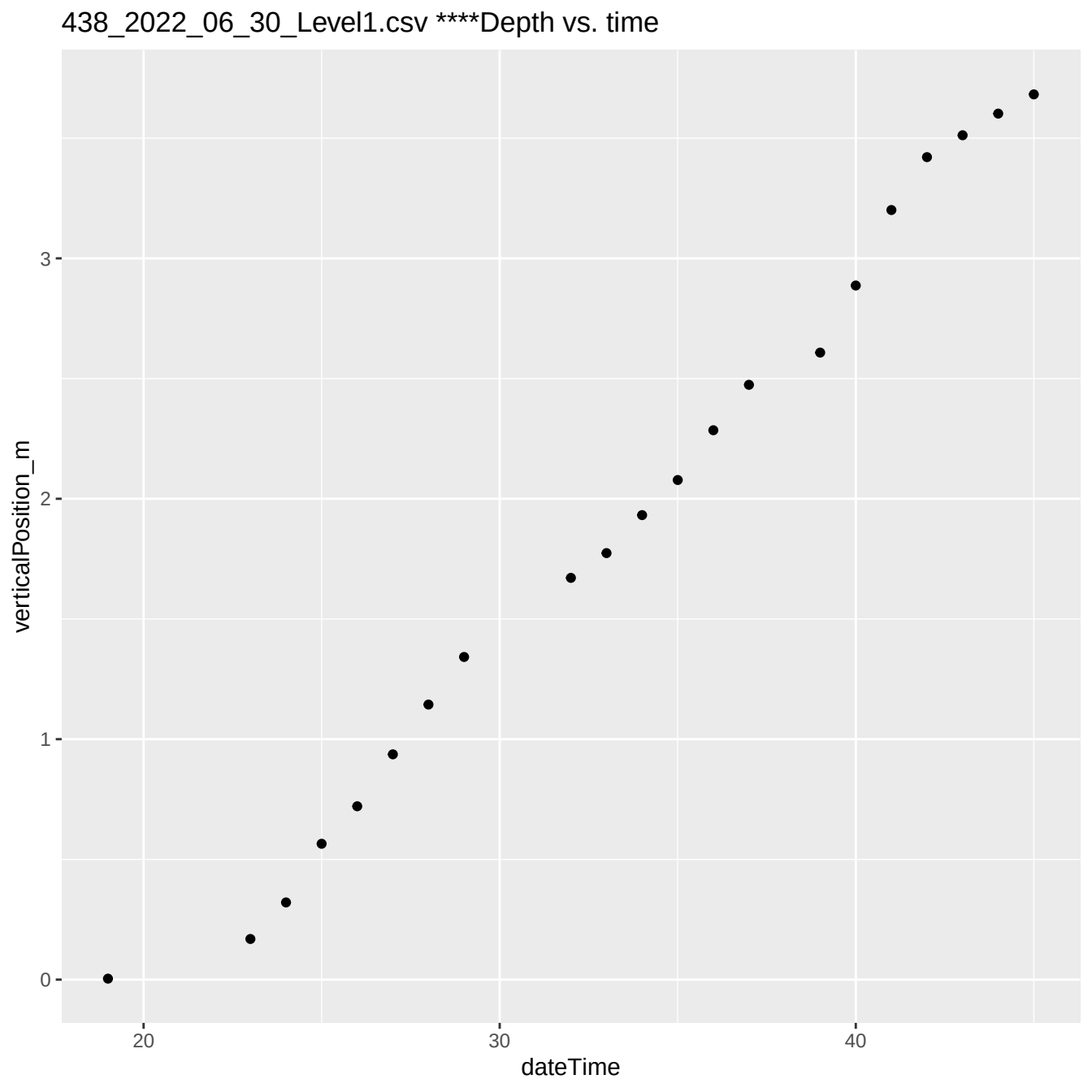

435_2022_06_02_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
0.0
0.4
0.8
phycocyaninBGA_RFU

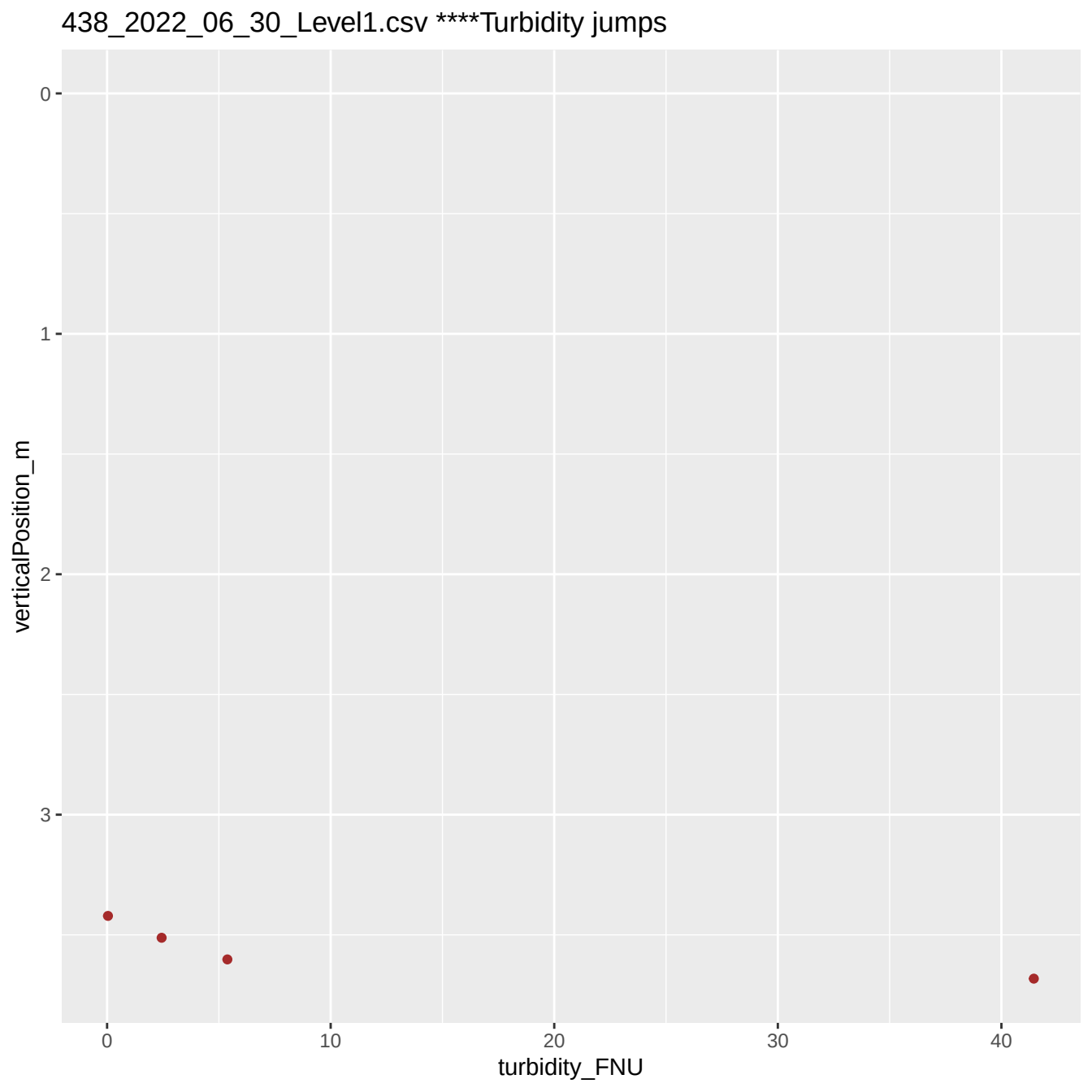

438_2022_05_25_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
00
15
30
45
dateTime

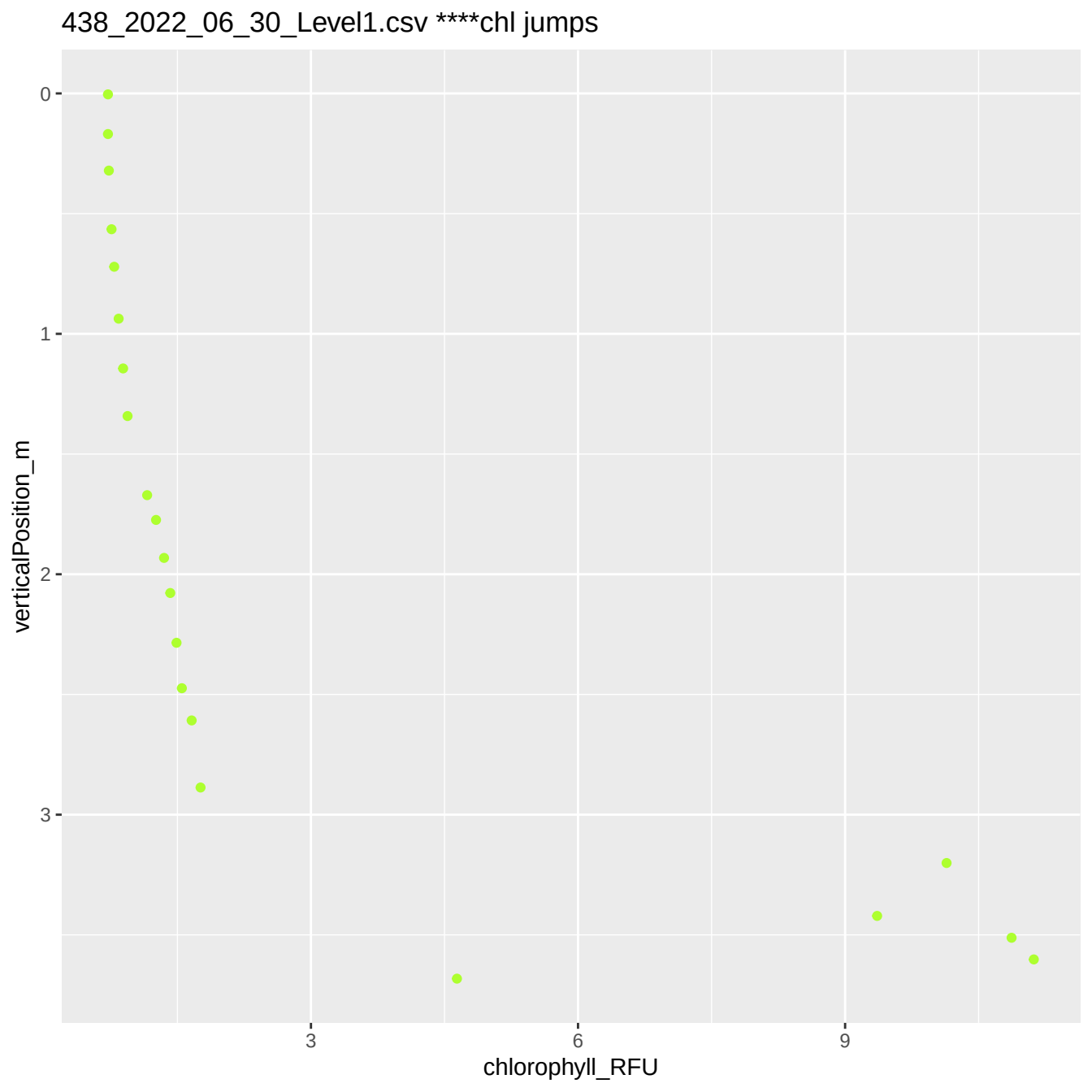

438_2022_06_02_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
13:53:30
13:54:00
13:54:30
dateTime

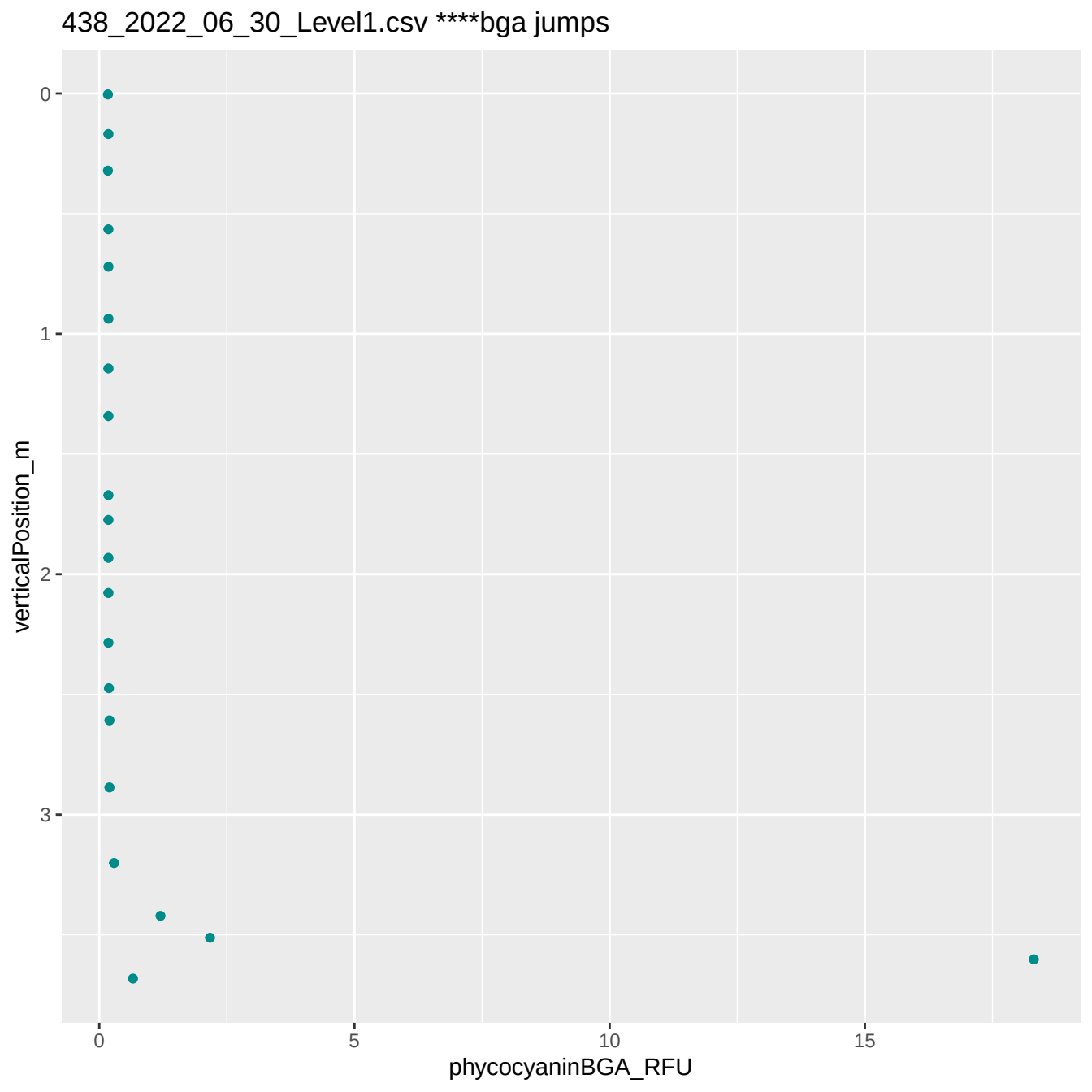

438_2022_06_02_Level1.csv ****chl jumps
verticalPosition_m
0
1
2
3
2.5
5.0
7.5
chlorophyll_RFU

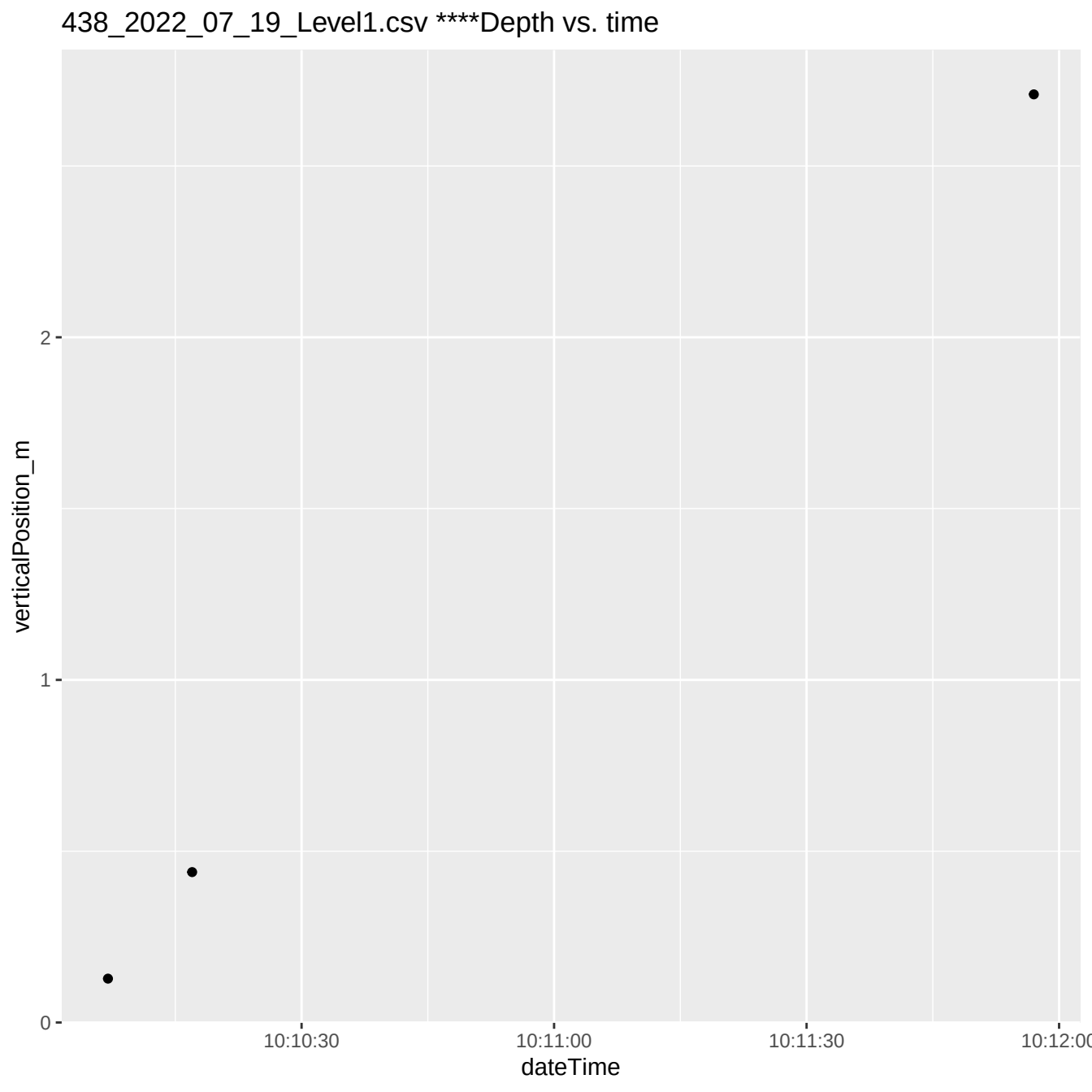

438_2022_06_02_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
0
2
4
6
phycocyaninBGA_RFU

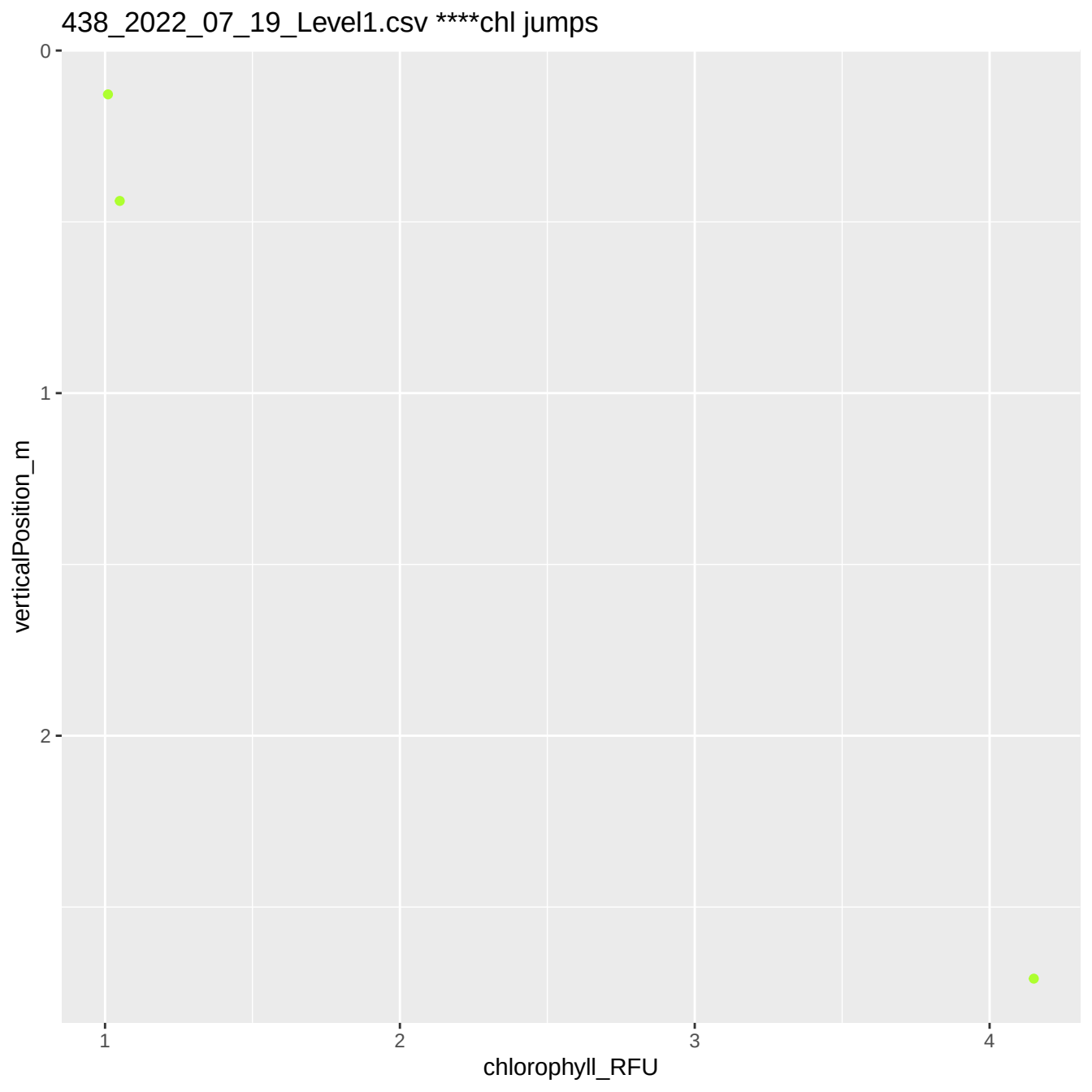

438_2022_06_30_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
20
30
40
dateTime

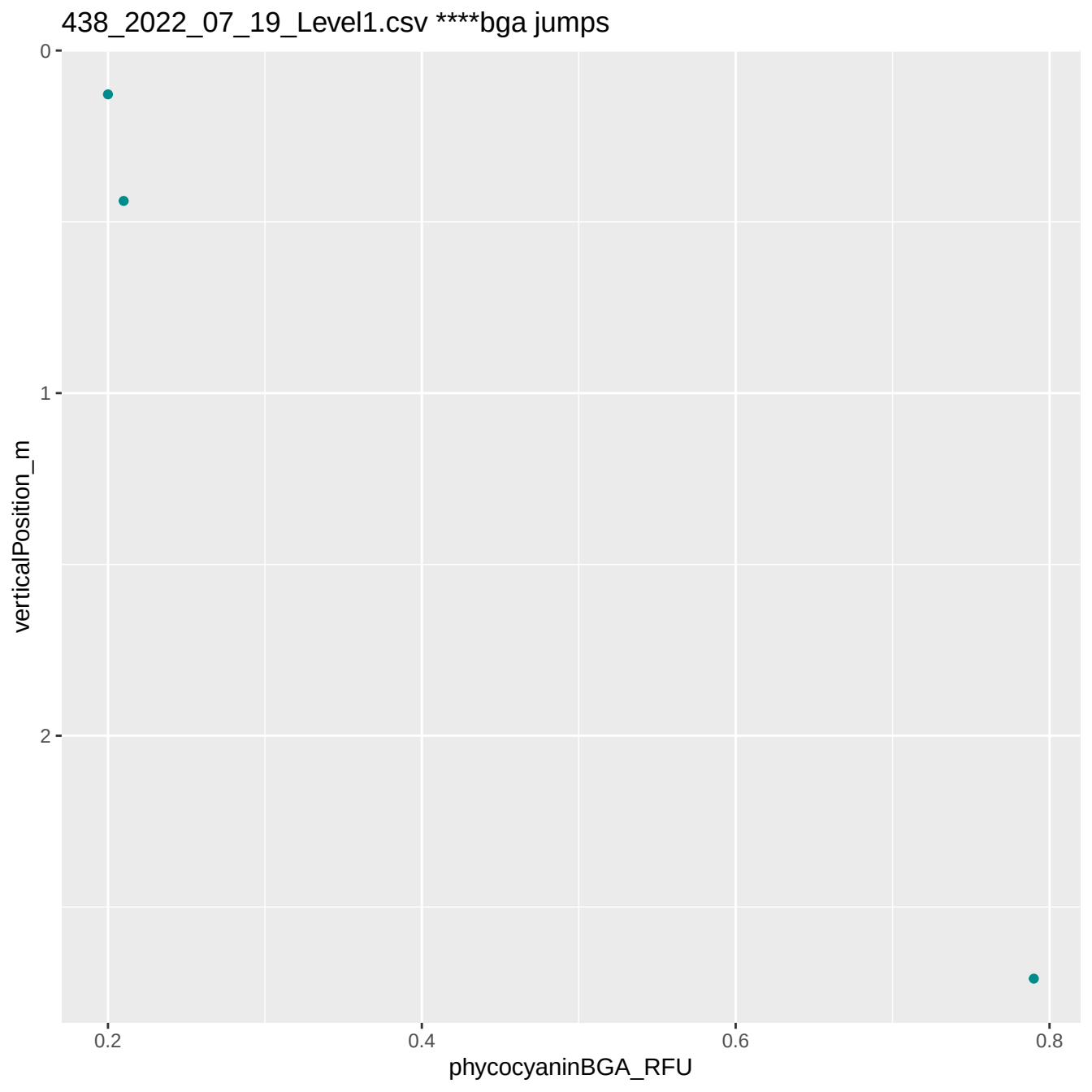

438_2022_06_30_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
0
10
20
30
40
turbidity_FNU

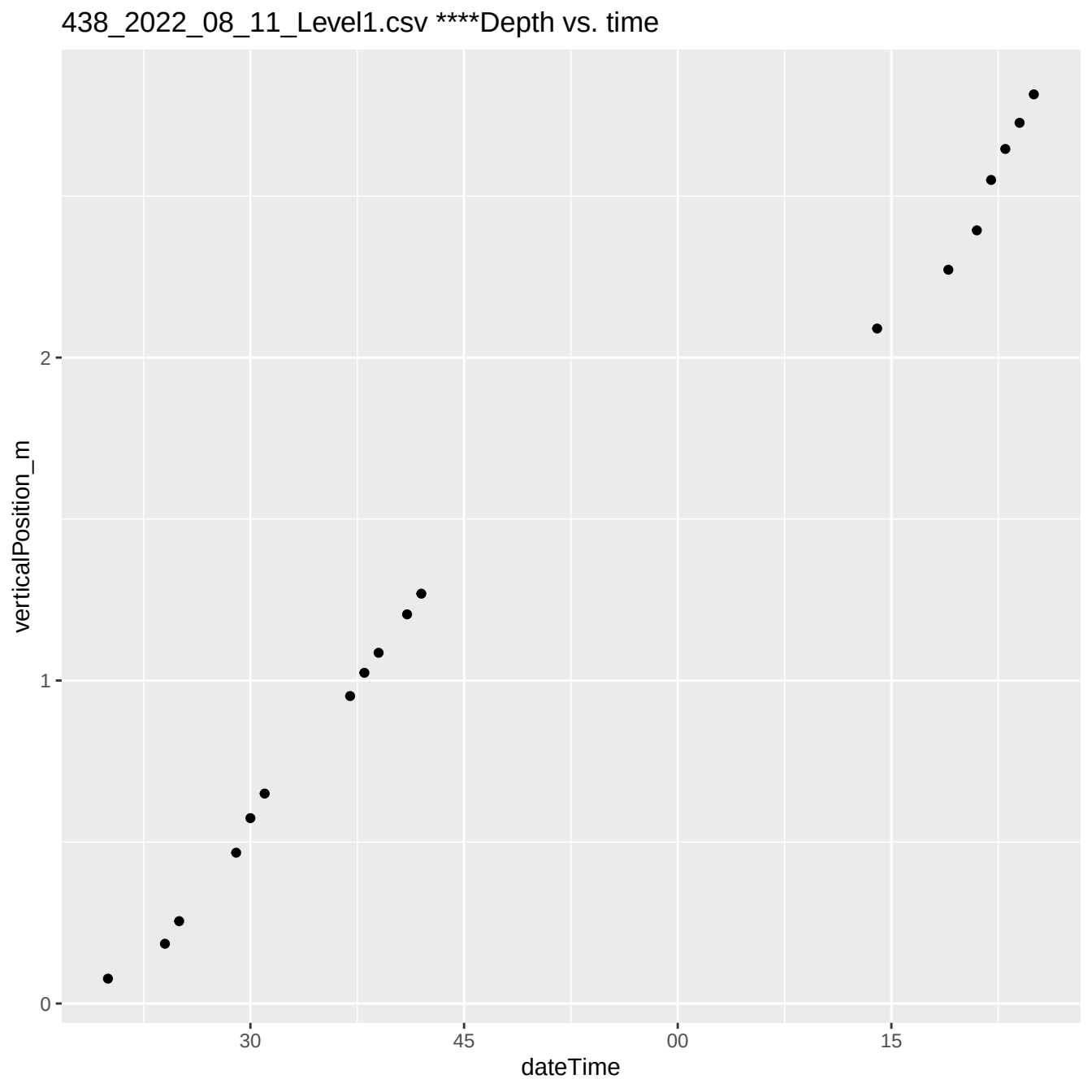

438_2022_06_30_Level1.csv ****chl jumps
0
1
2
3
verticalPosition_m
3
6
9
chlorophyll_RFU

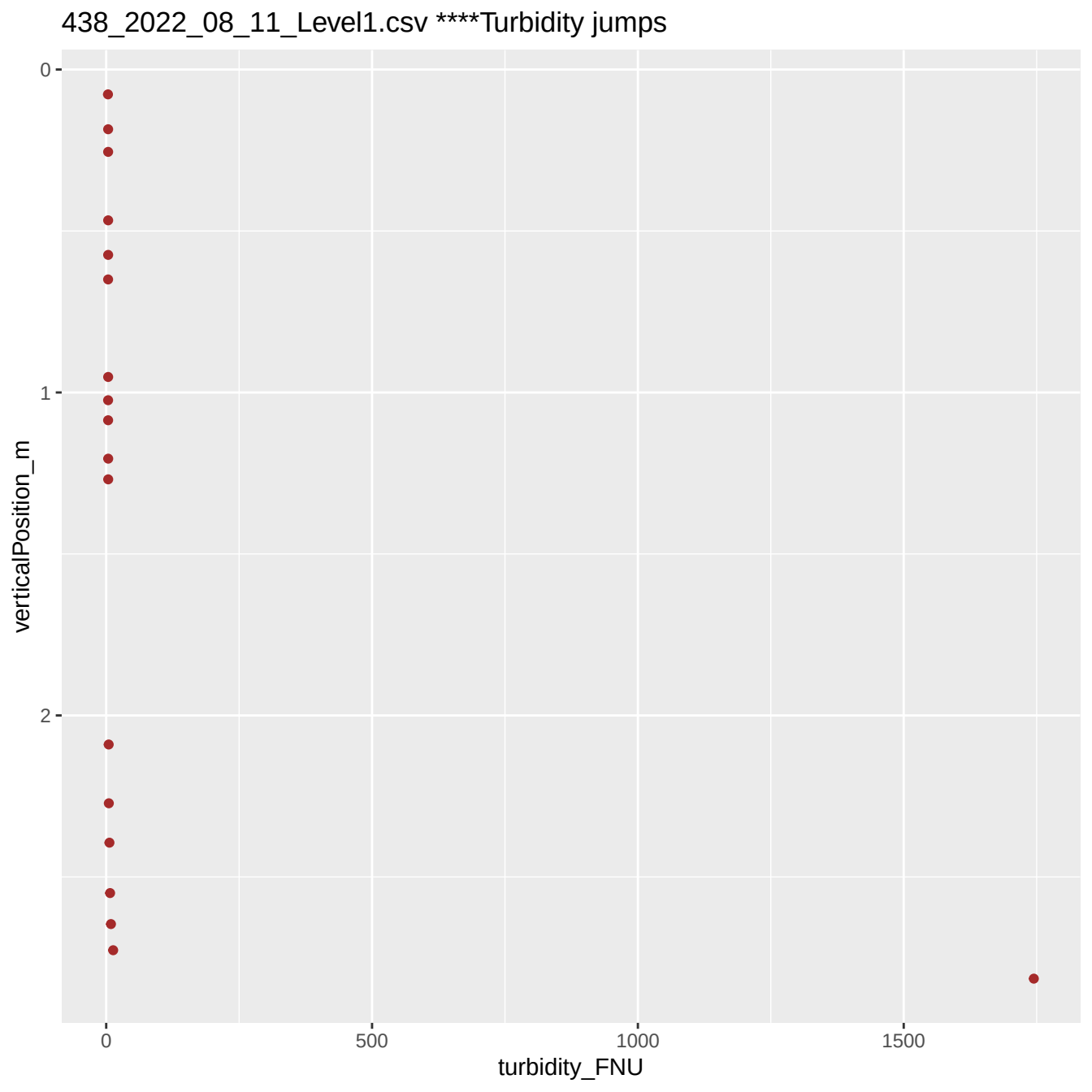

438_2022_06_30_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
0
5
10
15
phycocyaninBGA_RFU

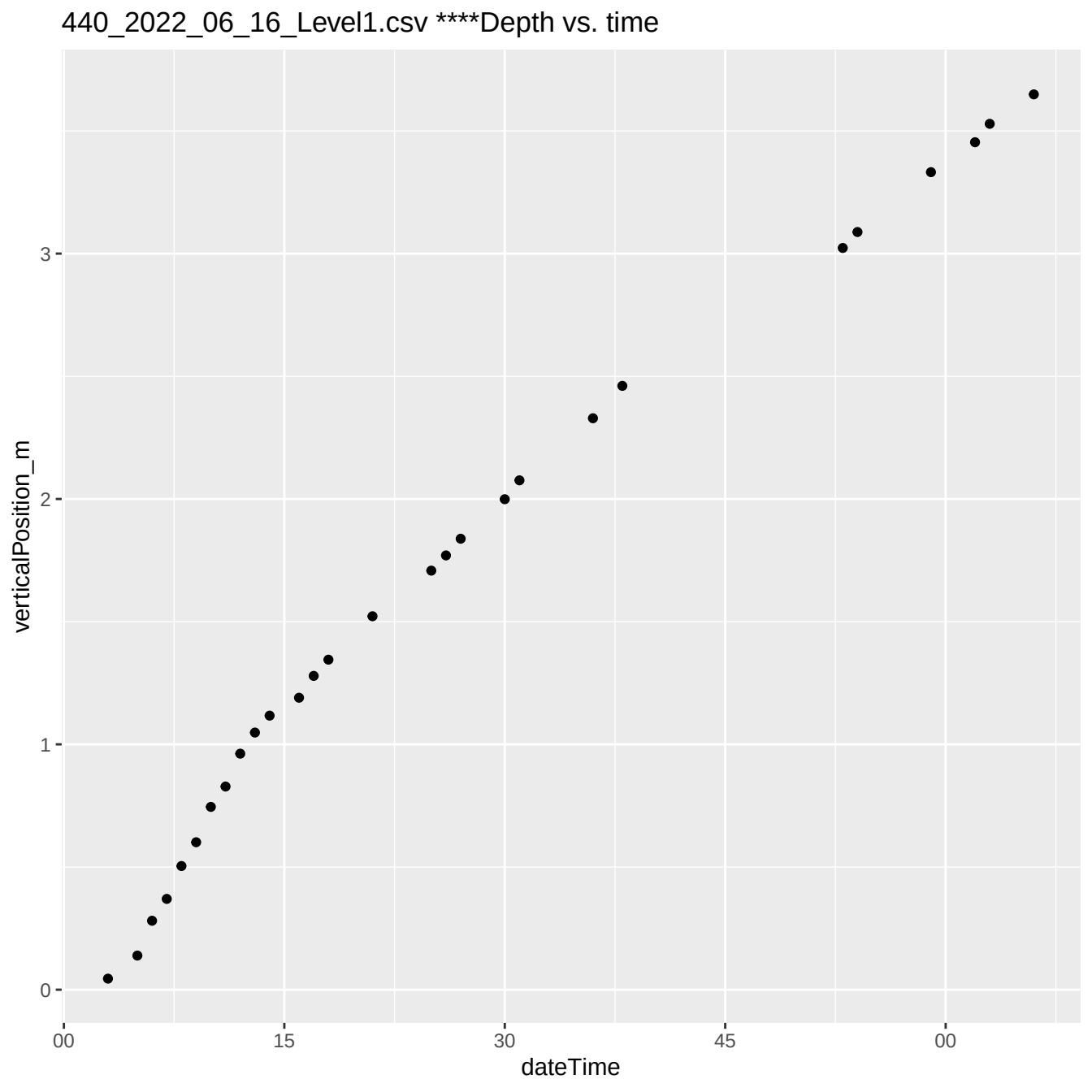

438_2022_07_19_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
0
10:10:30
10:11:00
10:11:30
10:12:00
dateTime

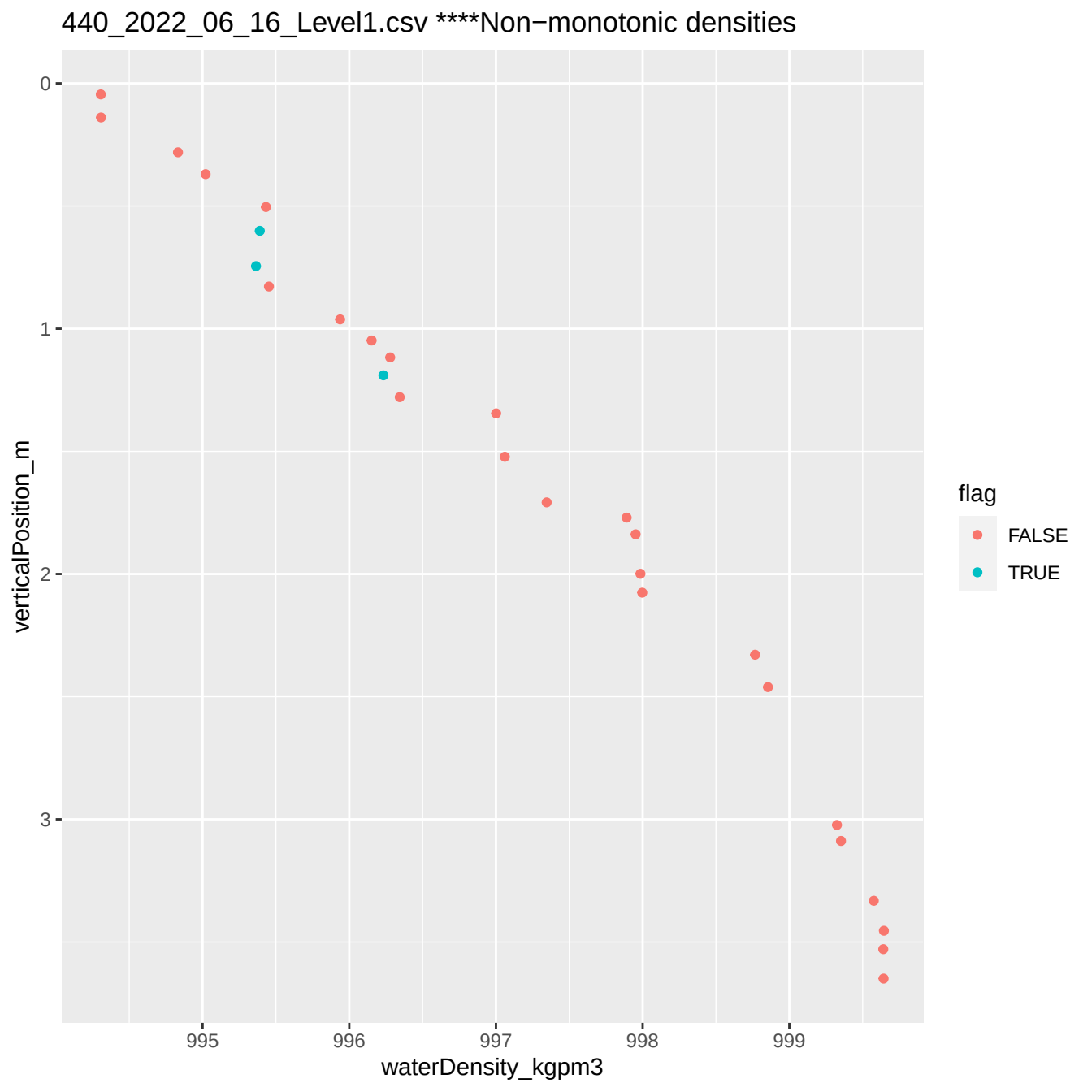

438_2022_07_19_Level1.csv ****chl jumps
0
1
2
verticalPosition_m
1
2
3
4
chlorophyll_RFU

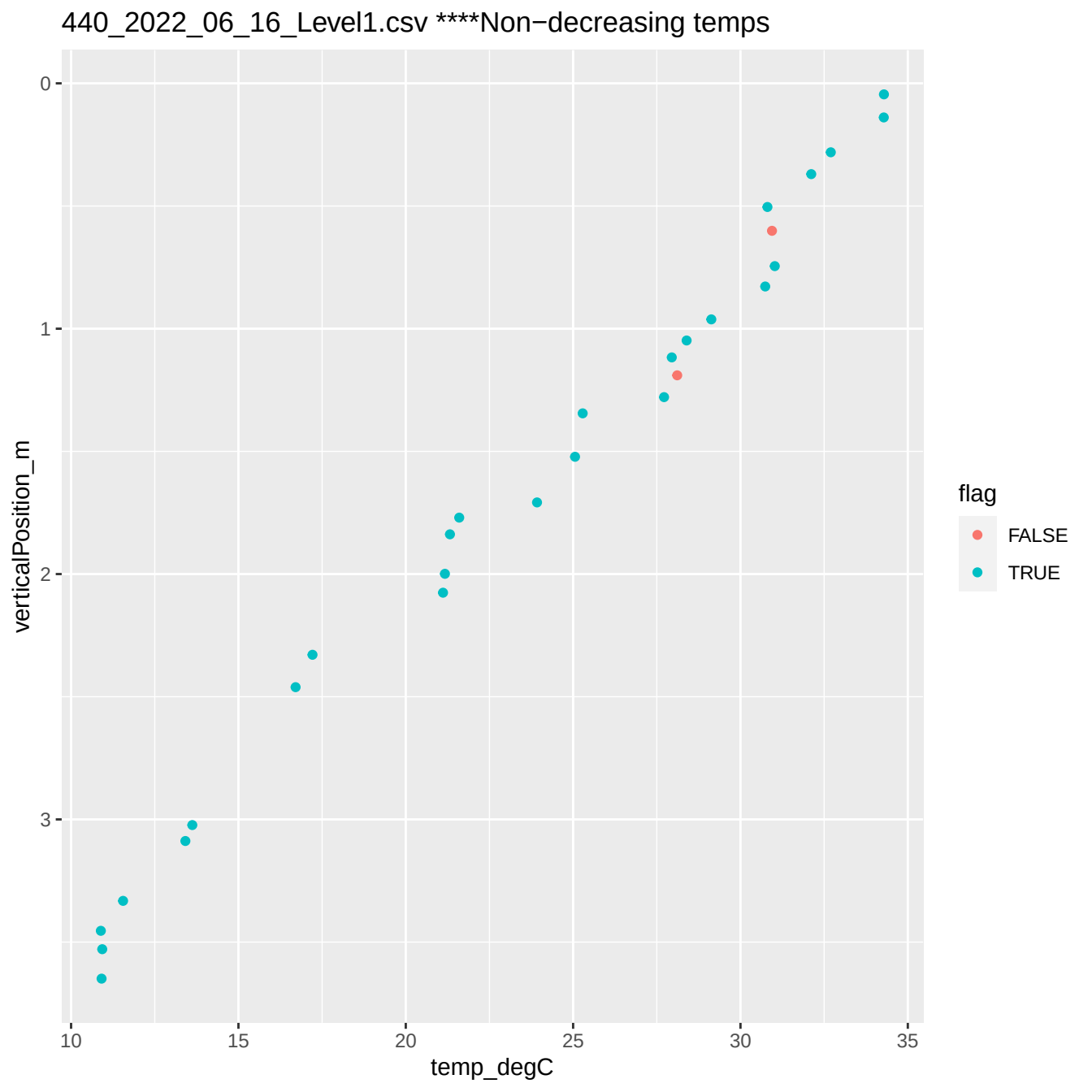

438_2022_07_19_Level1.csv ****bga jumps
0
1
2
verticalPosition_m
0.2
0.4
0.6
0.8
phycocyaninBGA_RFU

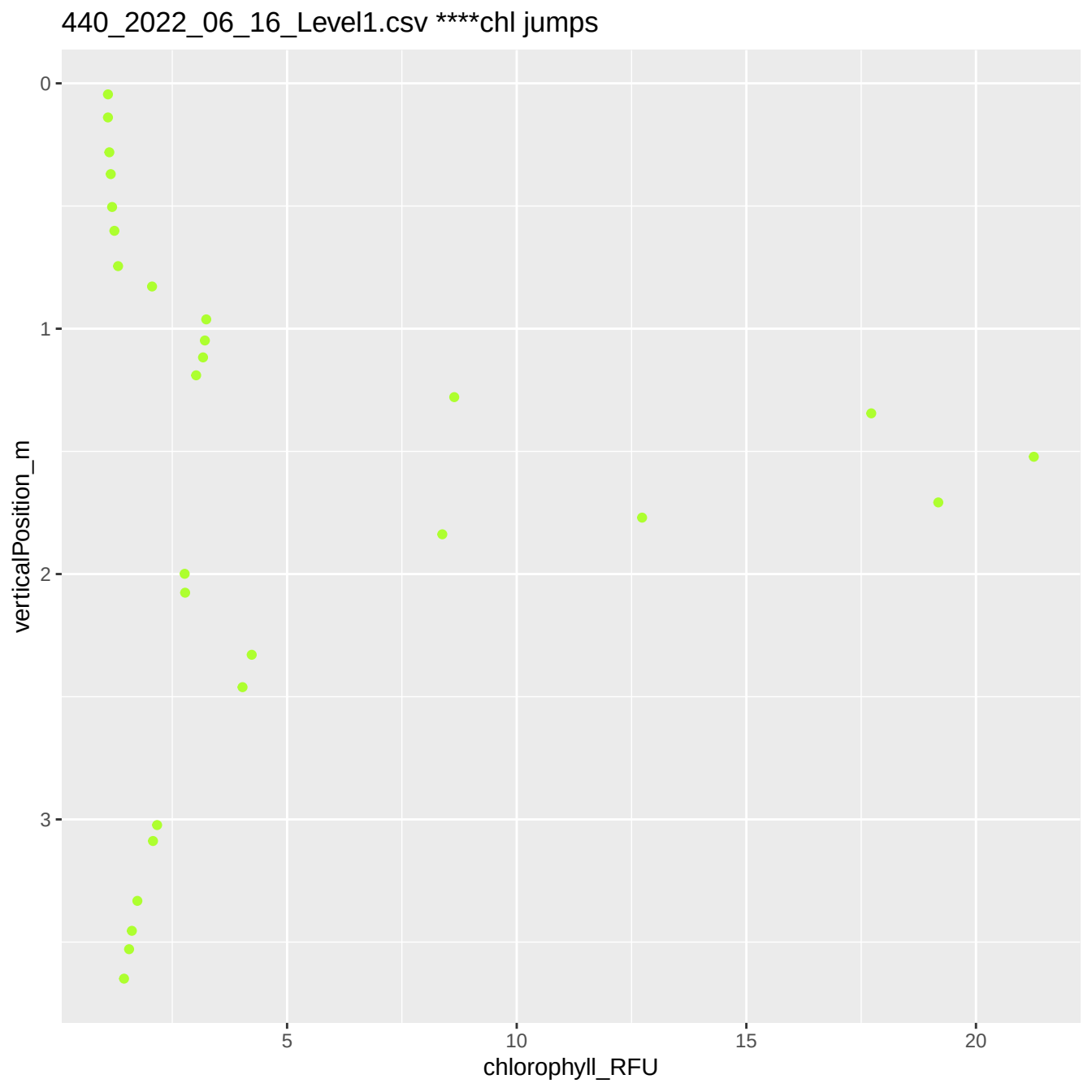

438_2022_08_11_Level1.csv ****Depth vs. time
verticalPosition_m
2
1
0
30
45
00
15
dateTime

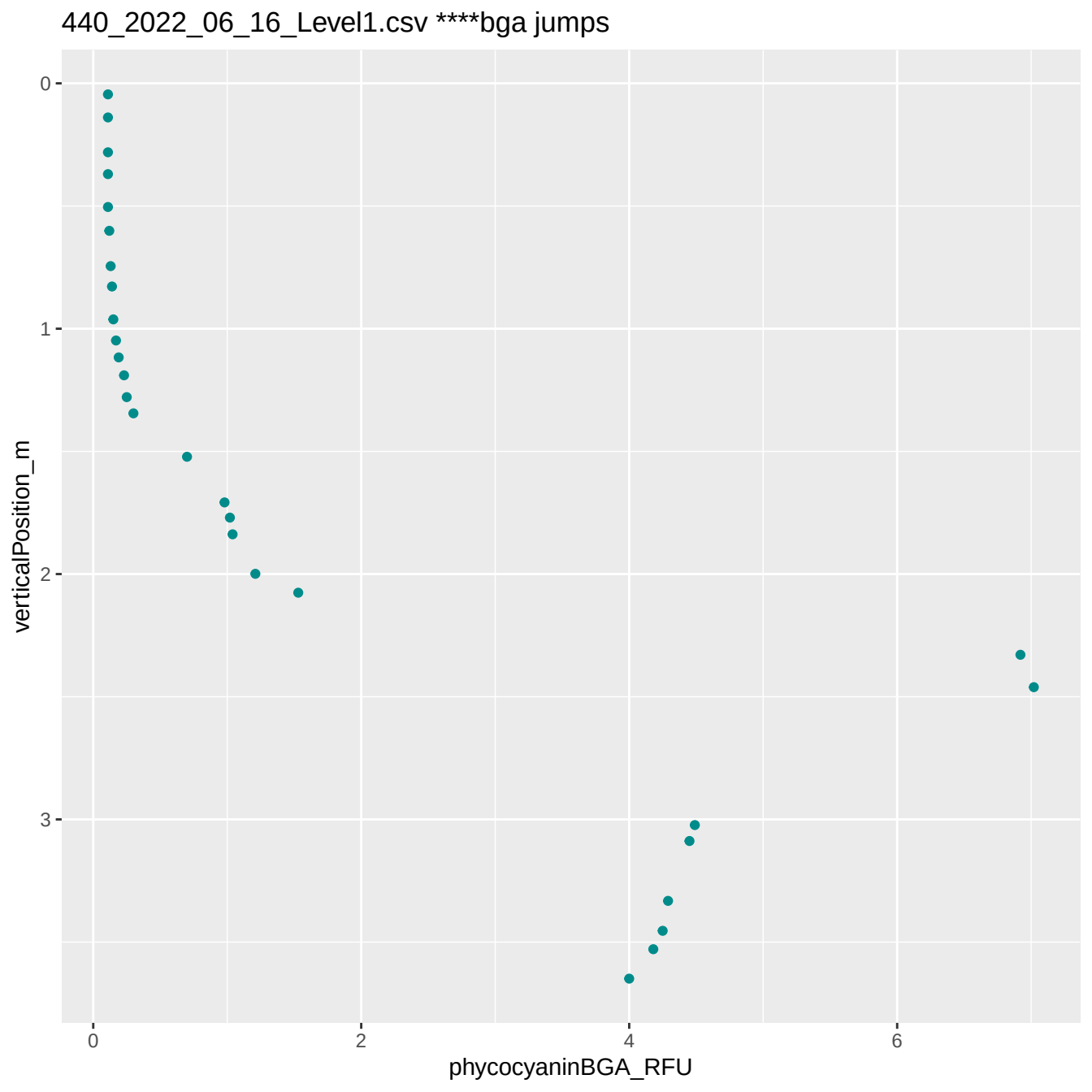

438_2022_08_11_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
0
500
1000
1500
turbidity_FNU

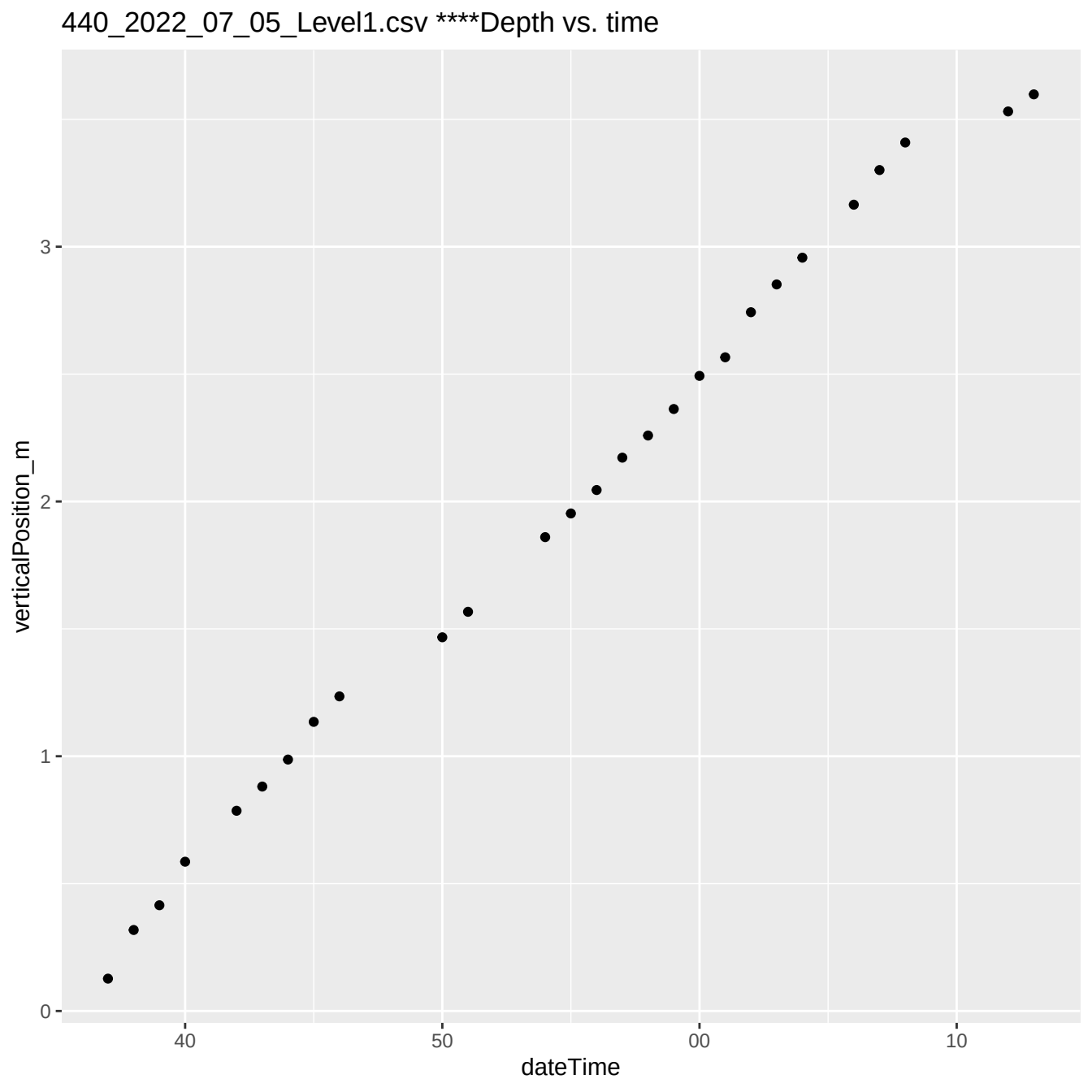

440_2022_06_16_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
00
15
30
45
00
dateTime

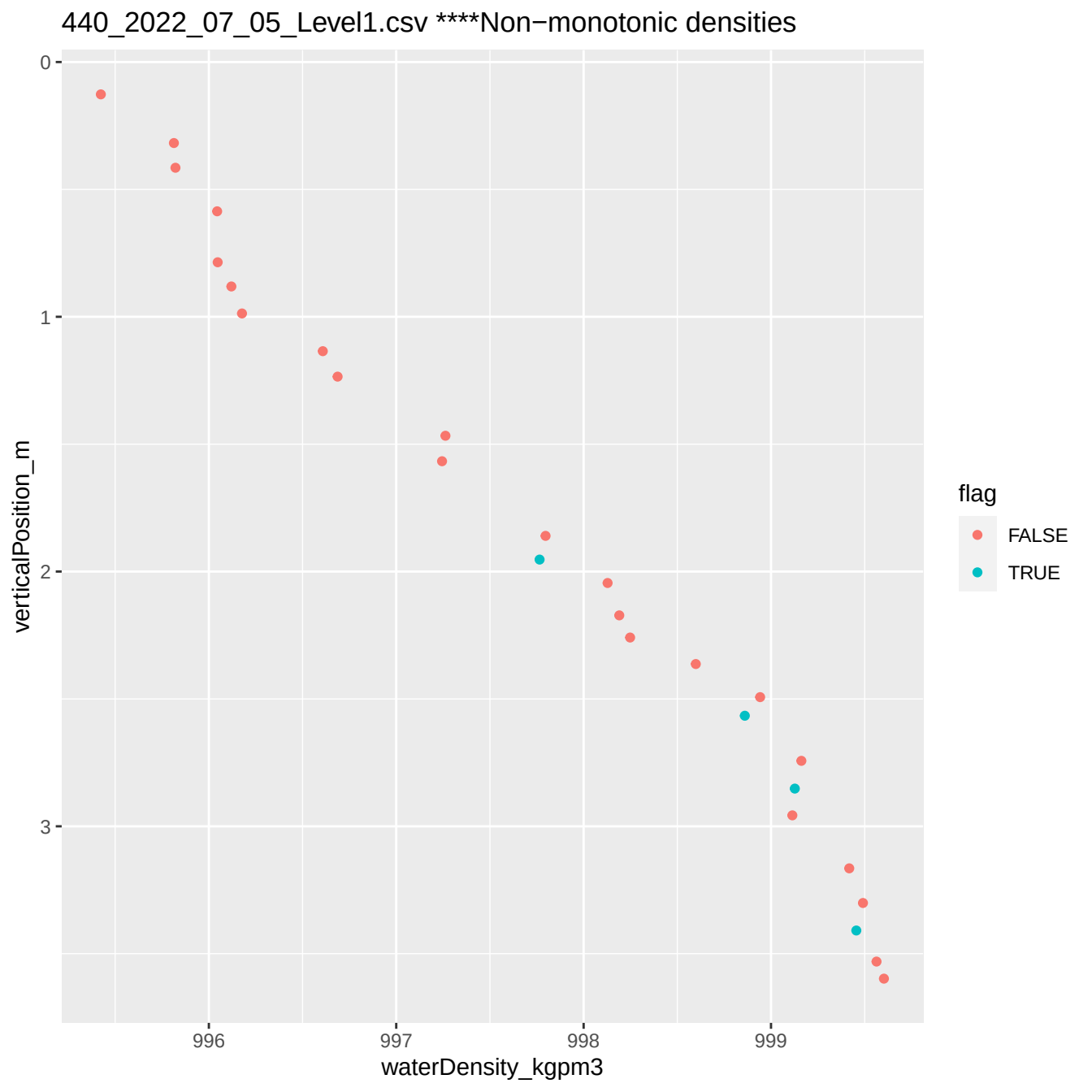

440_2022_06_16_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
waterDensity_kgpm3
995
996
997
998
999
flag
FALSE
TRUE

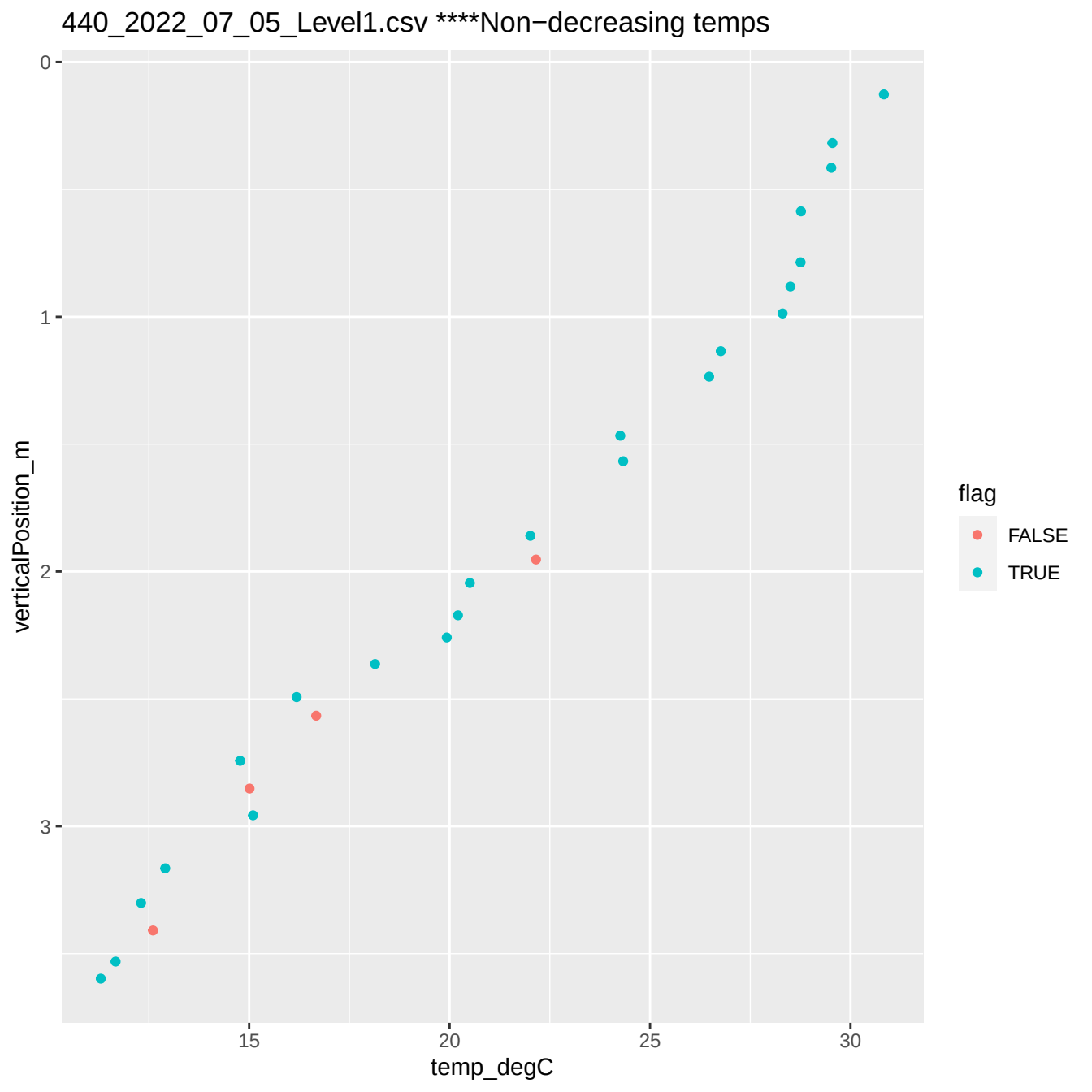

440_2022_06_16_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
temp_degC
10
15
20
25
30
35
flag
FALSE
TRUE

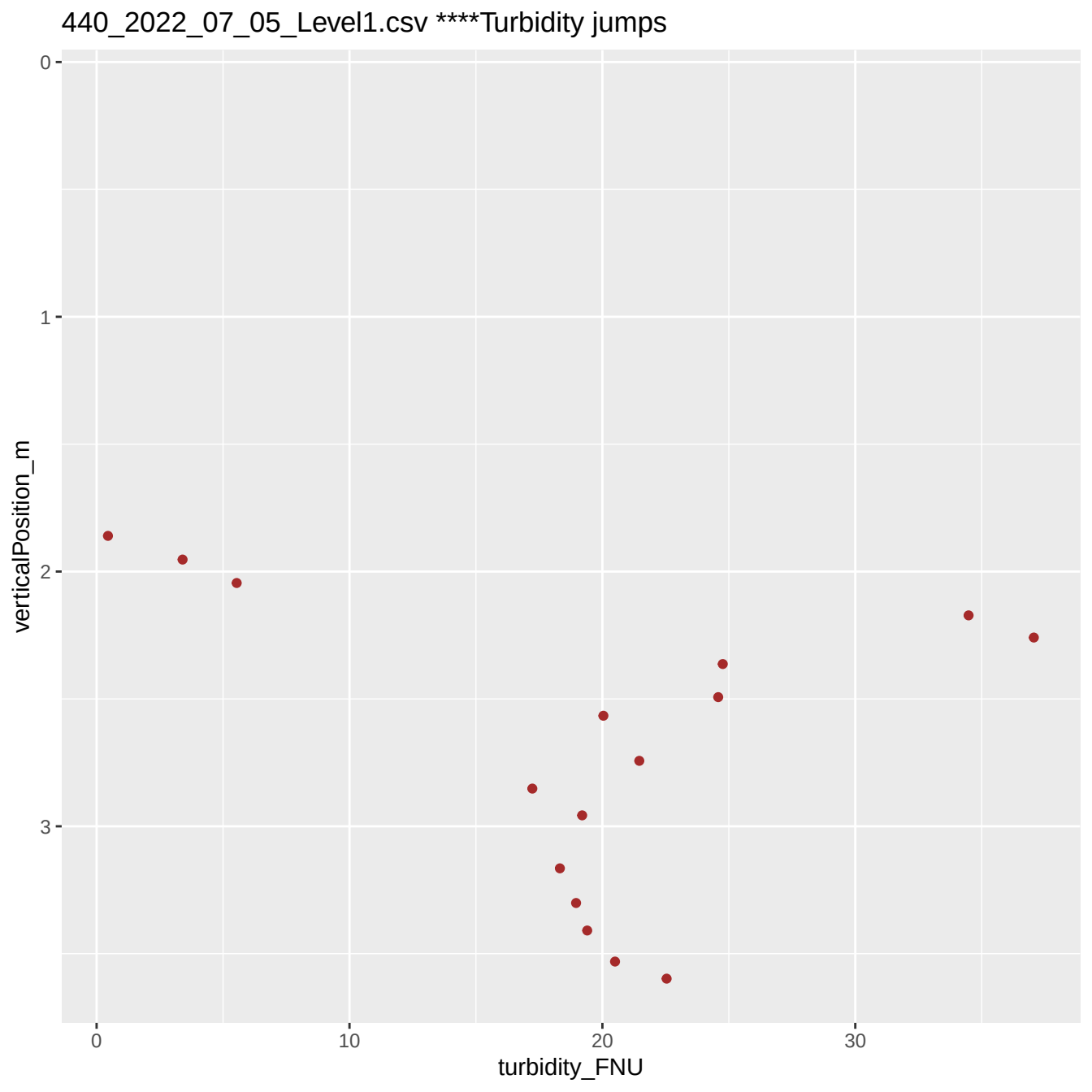

440_2022_06_16_Level1.csv ****chl jumps
verticalPosition_m
0
1
2
3
chlorophyll_RFU
5
10
15
20

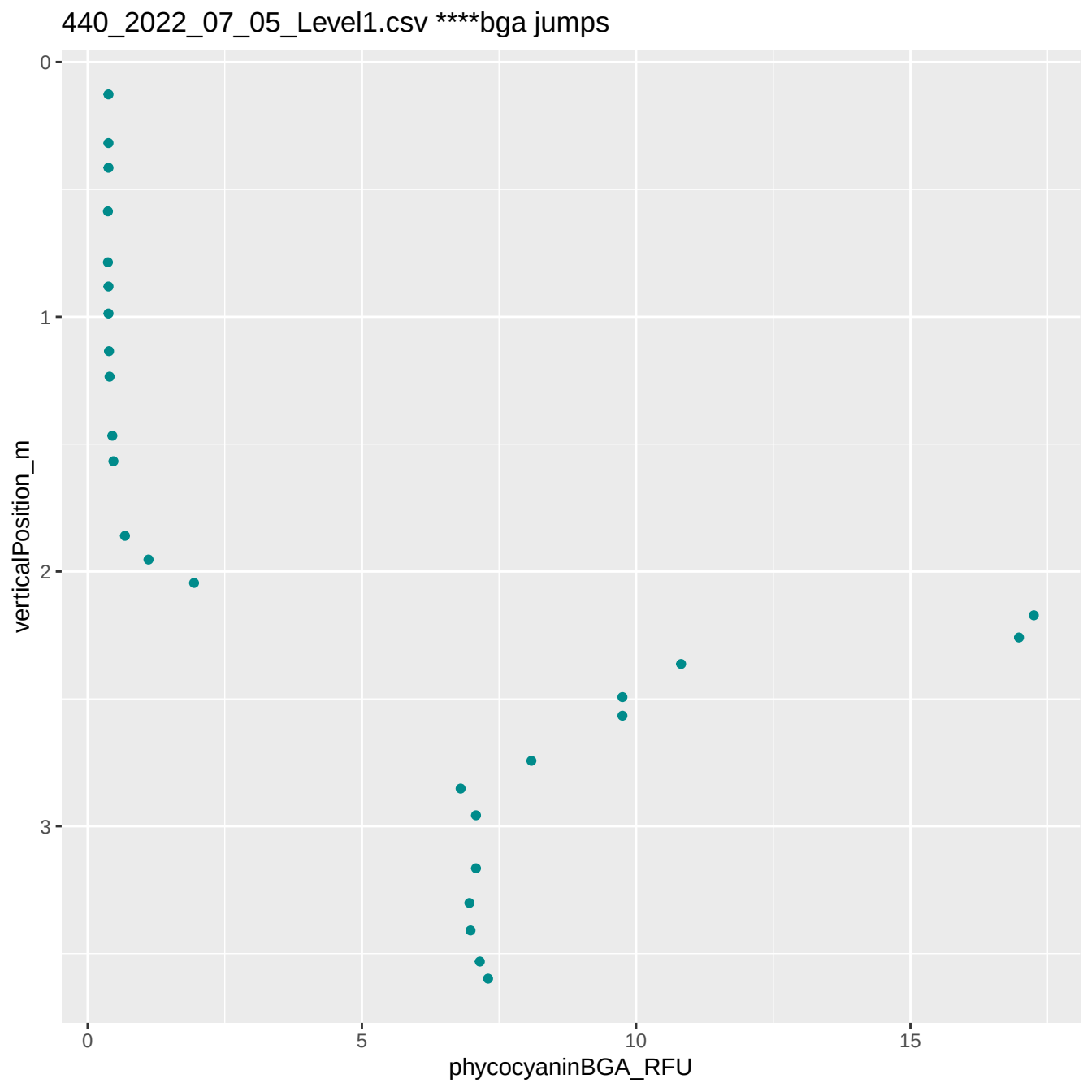

440_2022_06_16_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
0
2
4
6
phycocyaninBGA_RFU

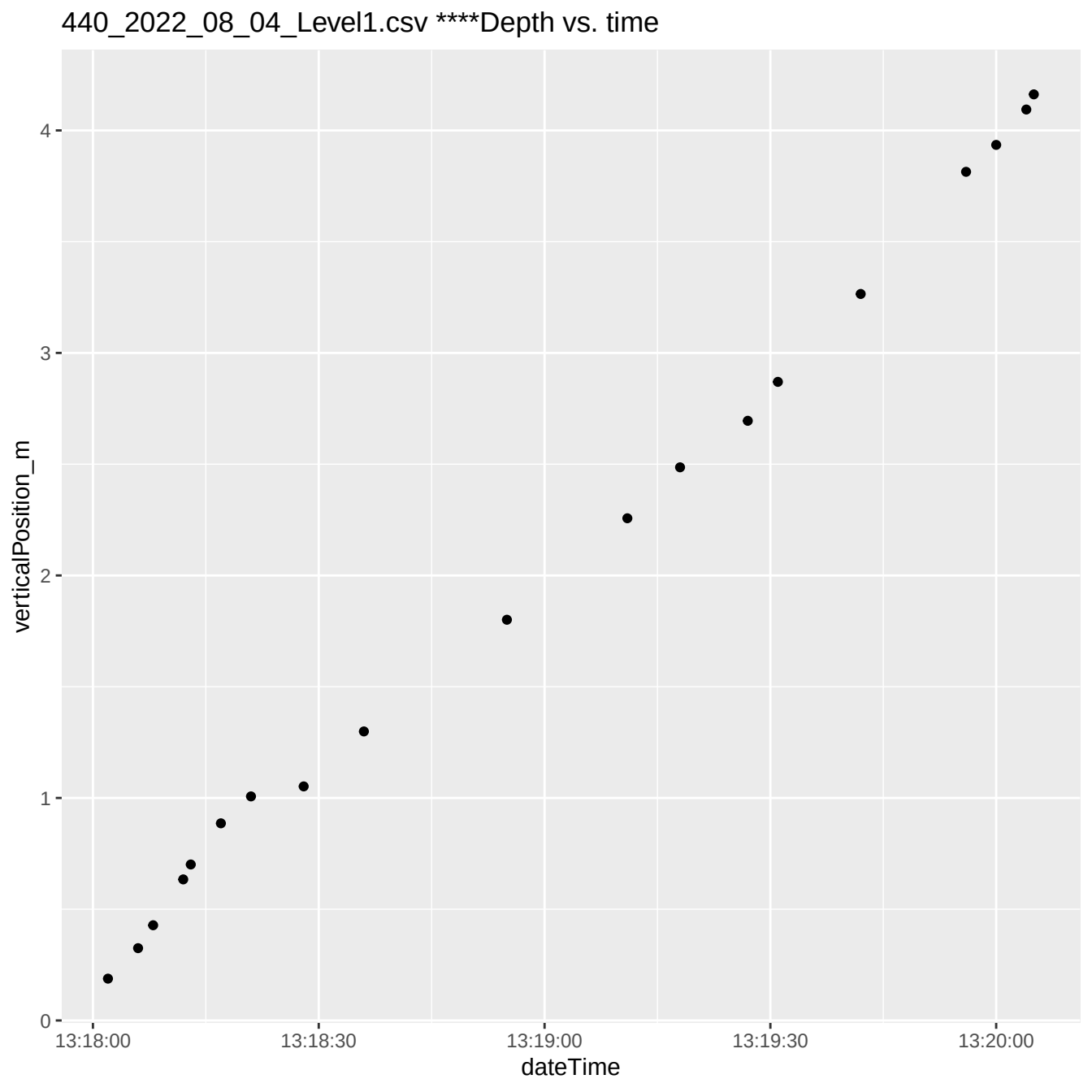

440_2022_07_05_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
40
50
00
10
dateTime

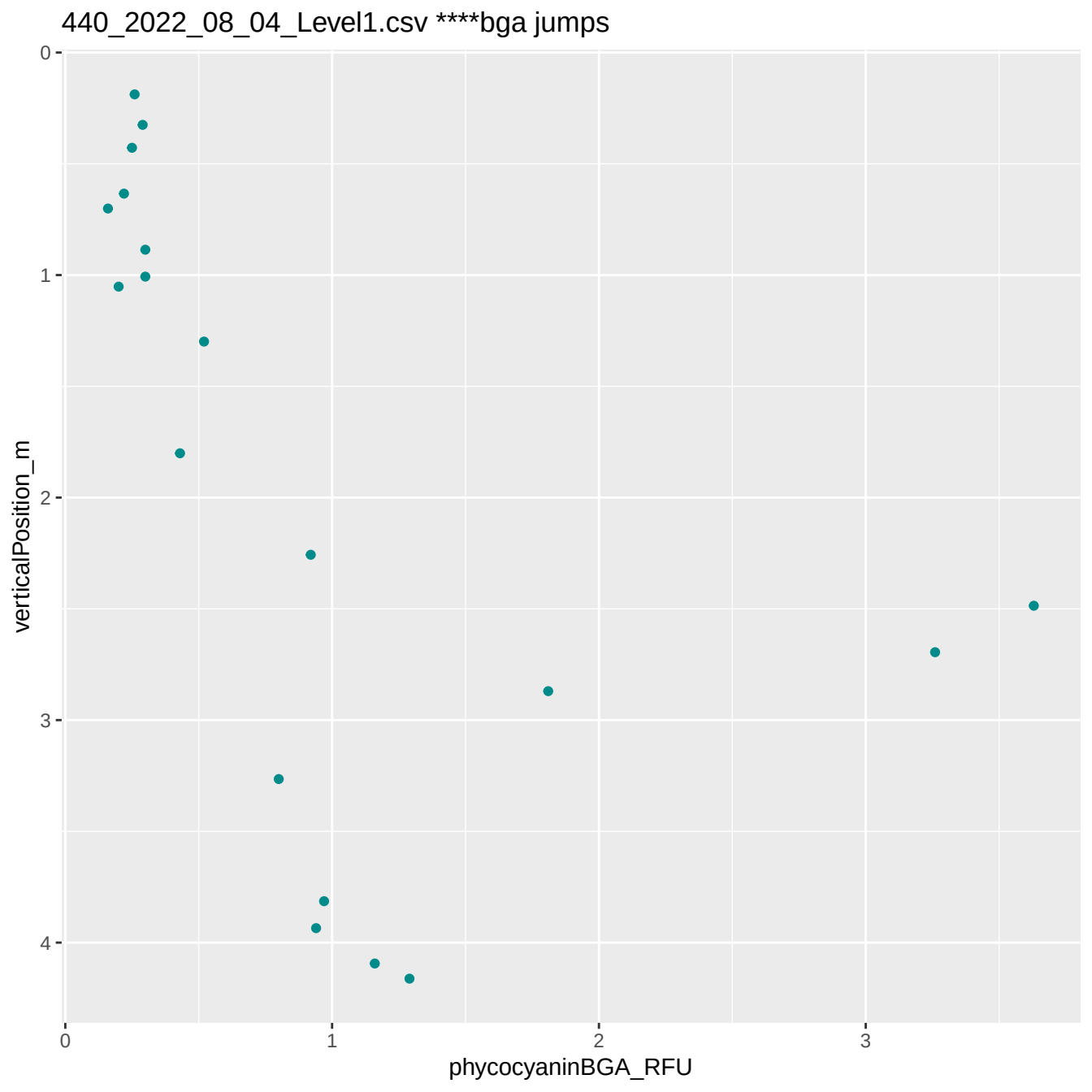

440_2022_07_05_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

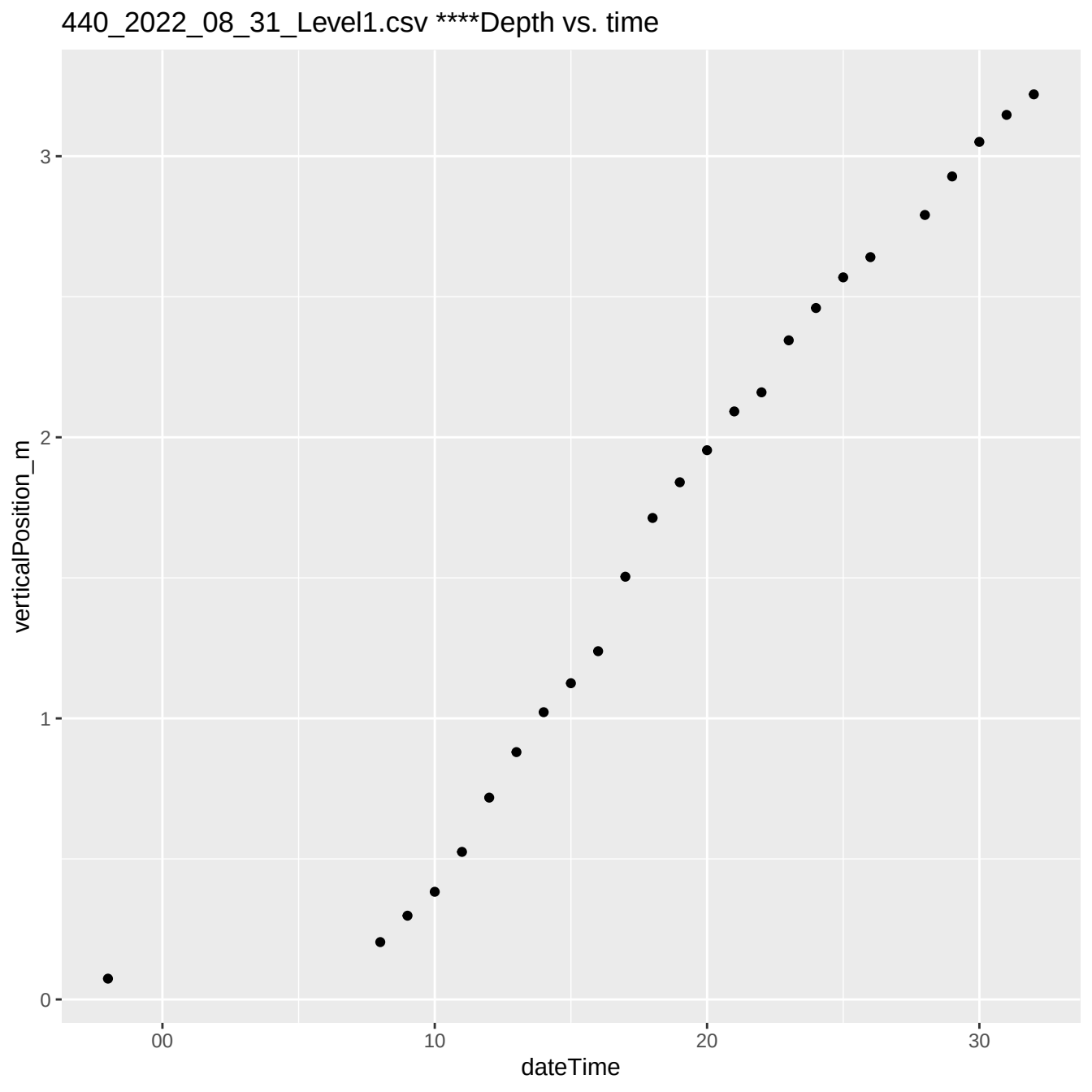

440_2022_07_05_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
temp_degC
15
20
25
30
flag
FALSE
TRUE

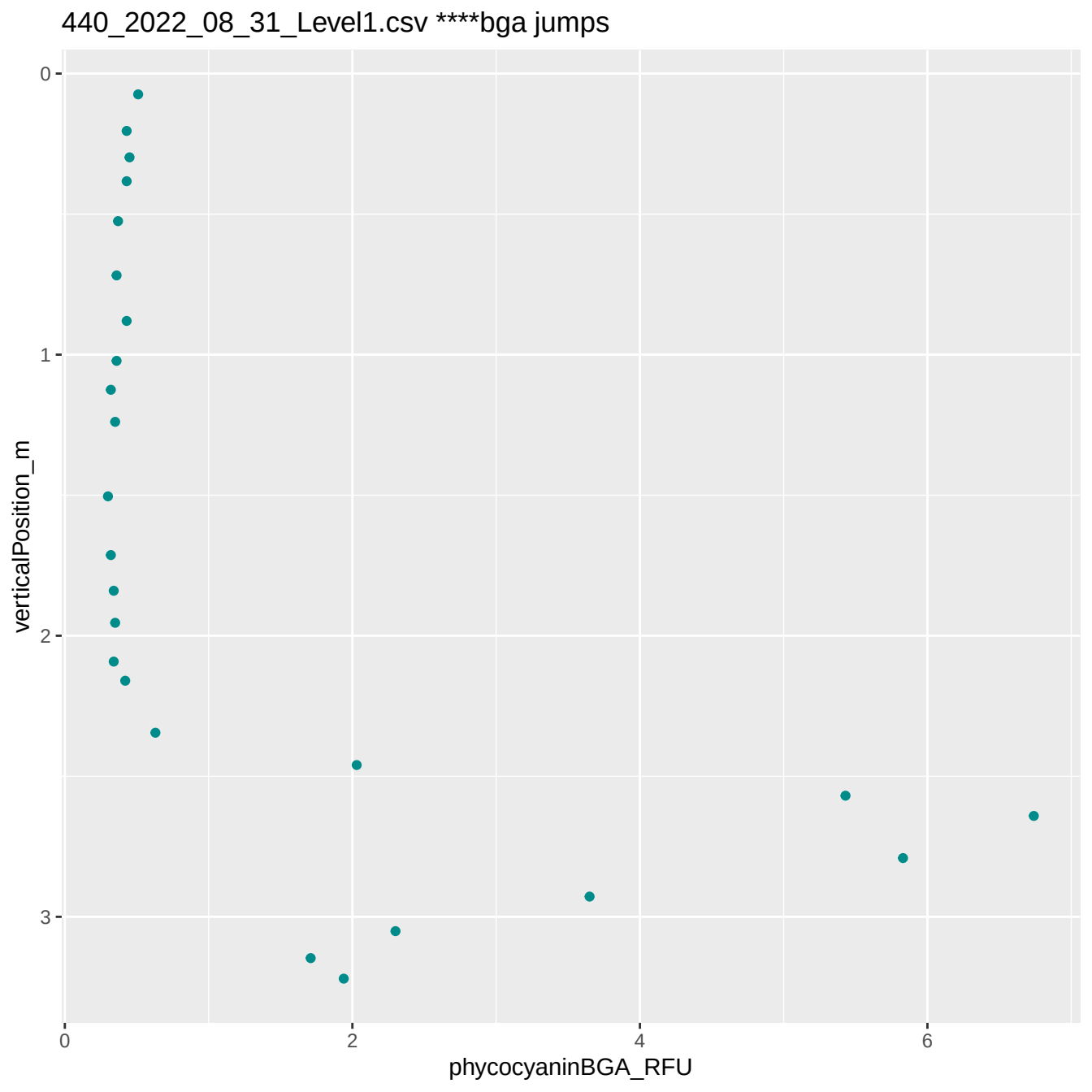

440_2022_07_05_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
turbidity_FNU
0
10
20
30

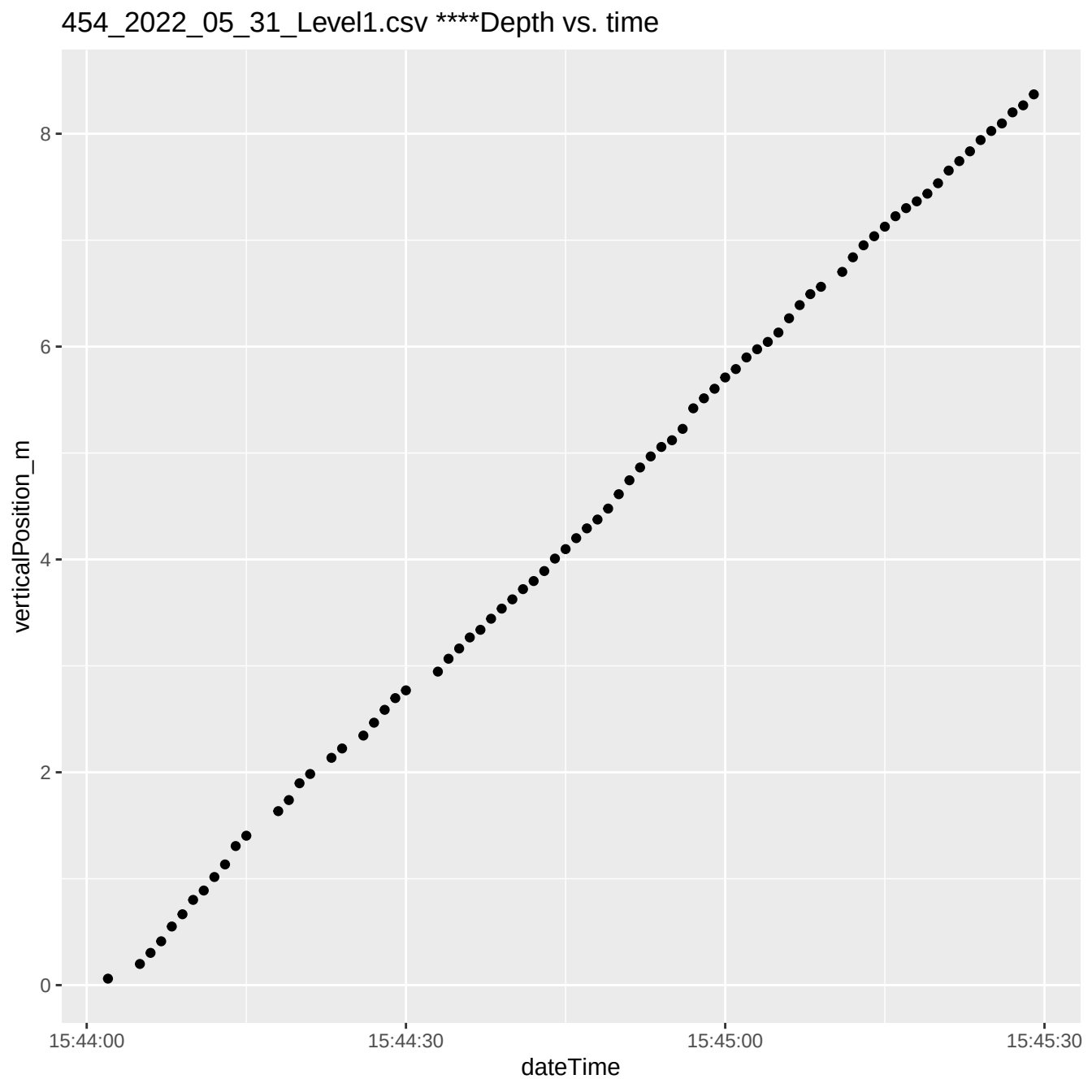

440_2022_07_05_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
0
5
10
15
phycocyaninBGA_RFU

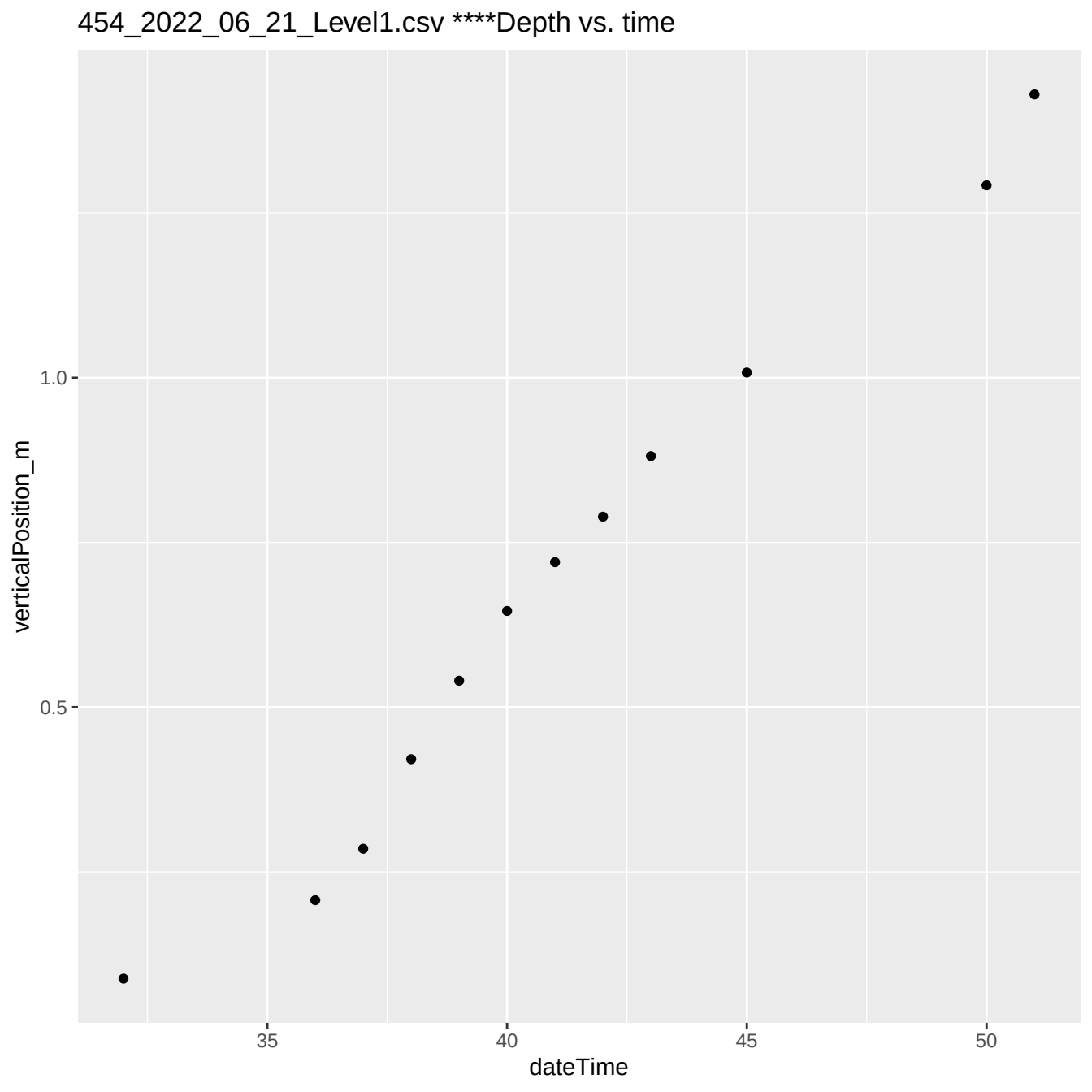

440_2022_08_04_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
13:18:00
13:18:30
13:19:00
13:19:30
13:20:00
dateTime

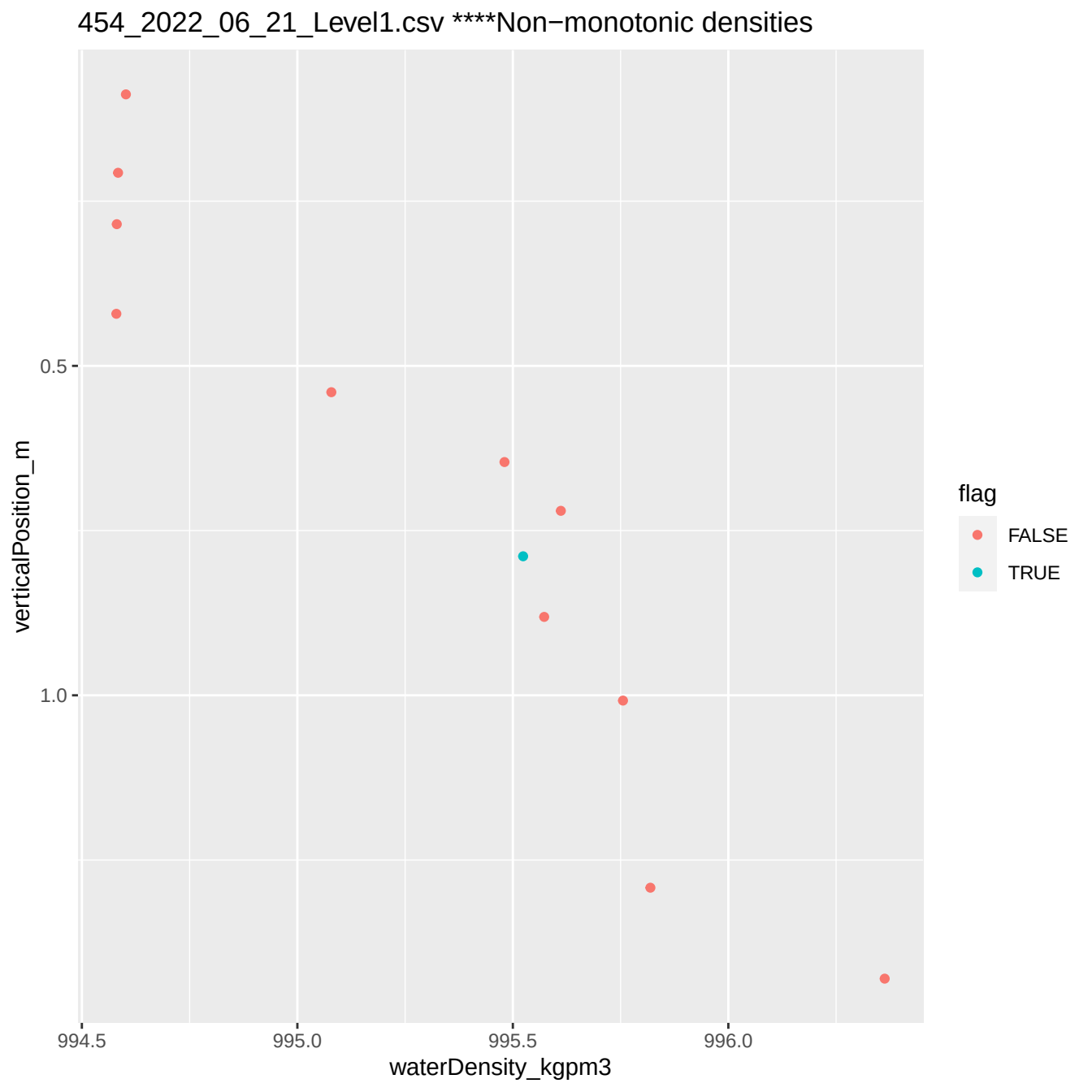

440_2022_08_04_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
phycocyaninBGA_RFU
0
1
2
3

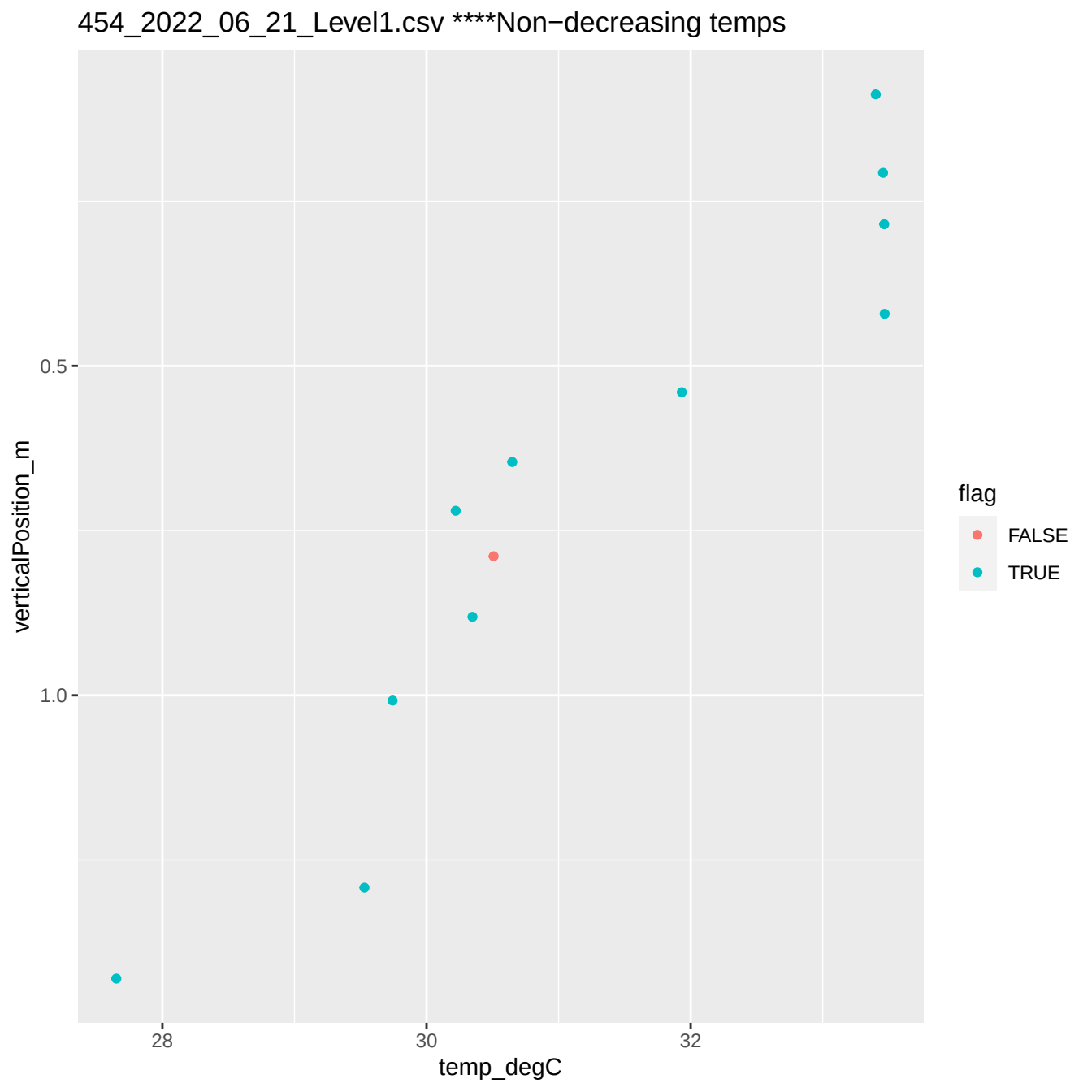

440_2022_08_31_Level1.csv ****Depth vs. time
verticalPosition_m
3
2
1
0
00
10
20
30
dateTime

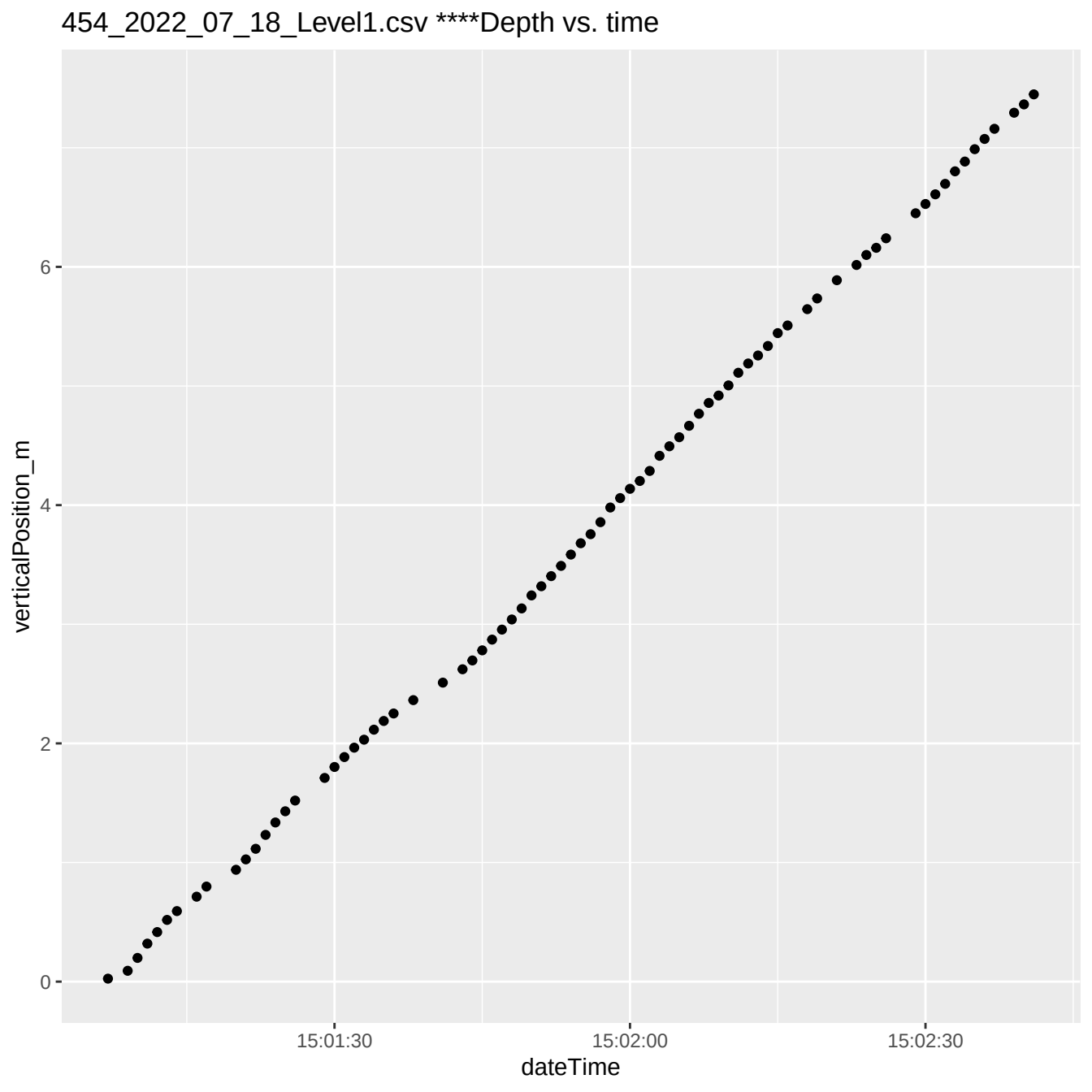

440_2022_08_31_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
0
2
4
6
phycocyaninBGA_RFU

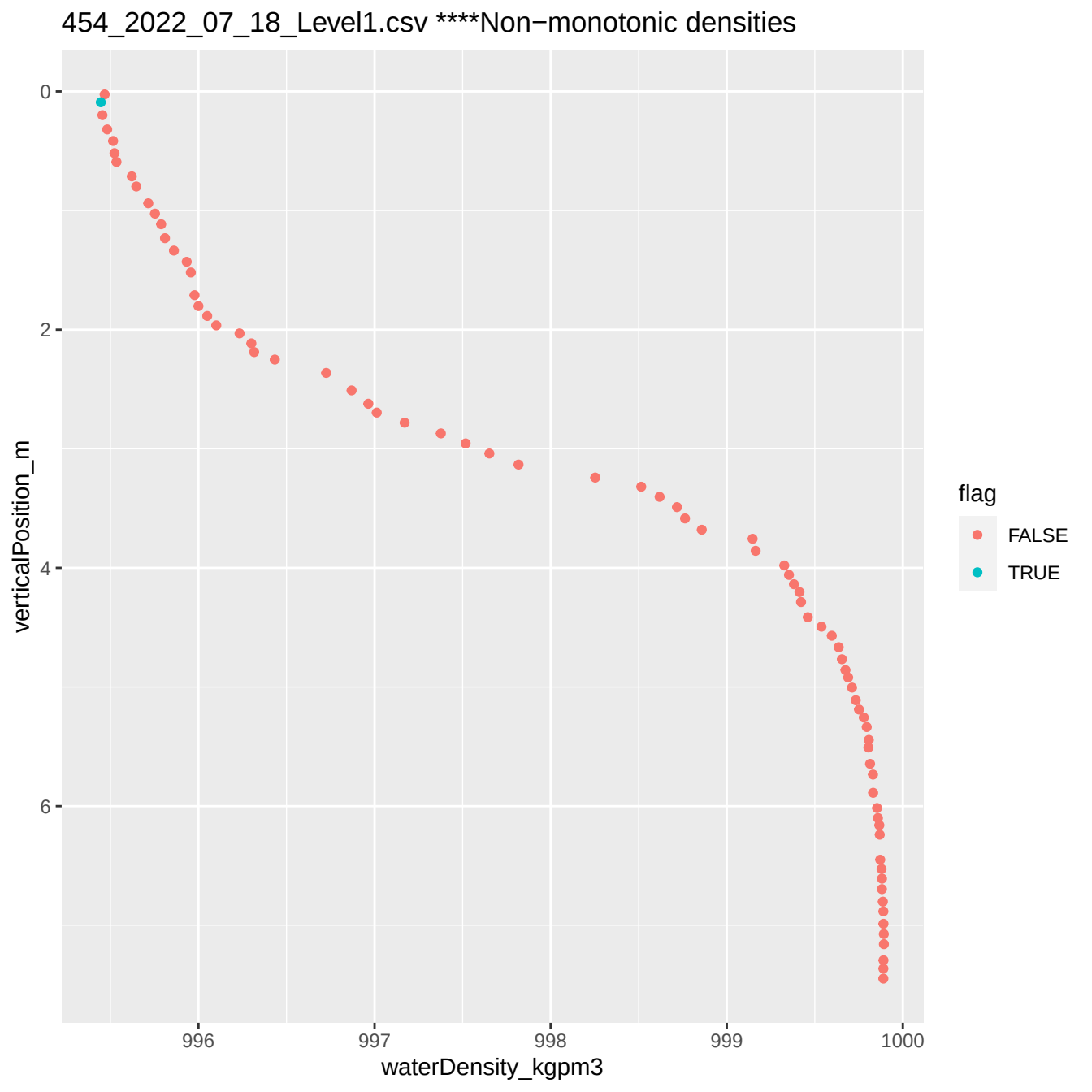

454_2022_05_31_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
15:44:00
15:44:30
15:45:00
15:45:30
dateTime

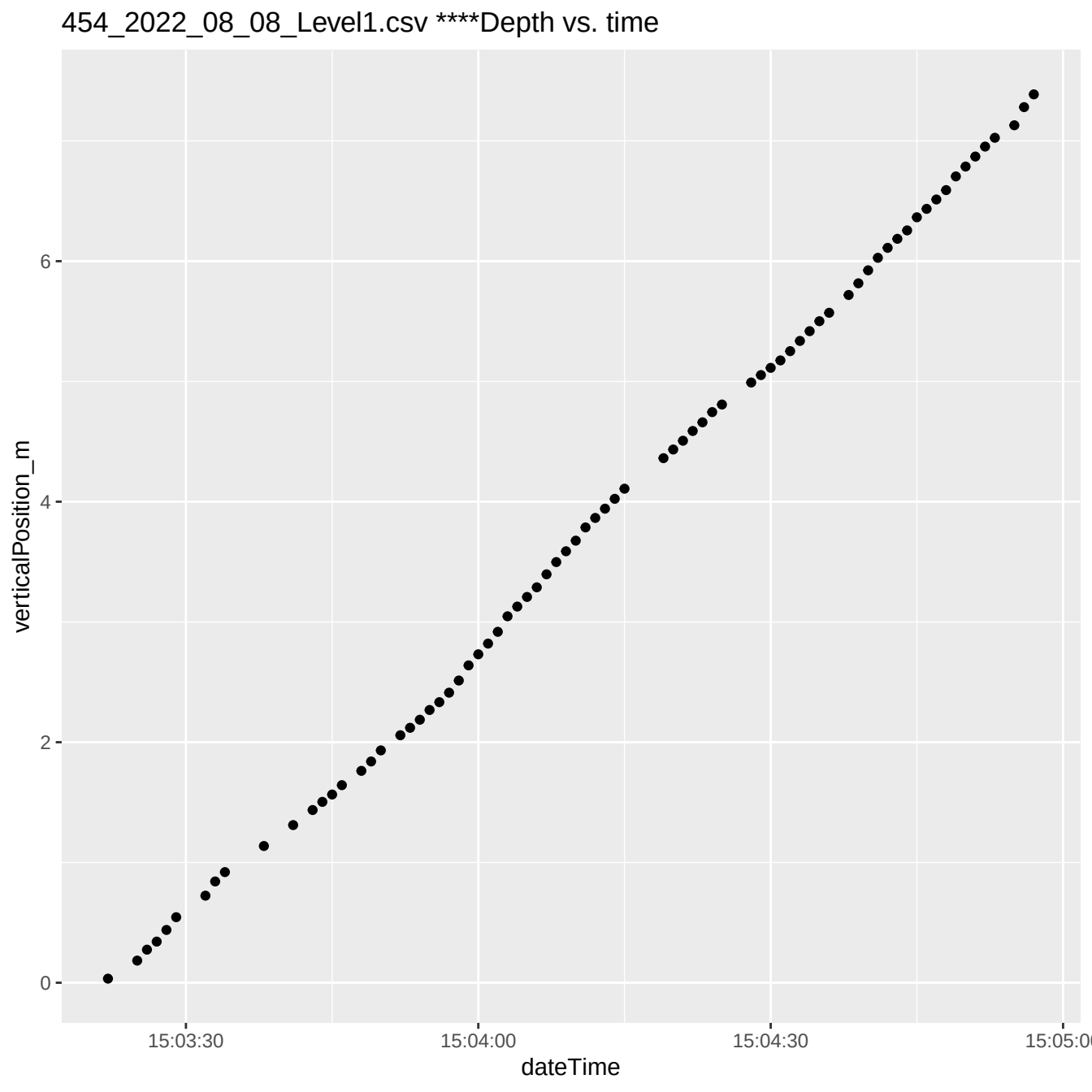

454_2022_06_21_Level1.csv ****Depth vs. time
verticalPosition_m
1.0
0.5
35
40
45
50
dateTime

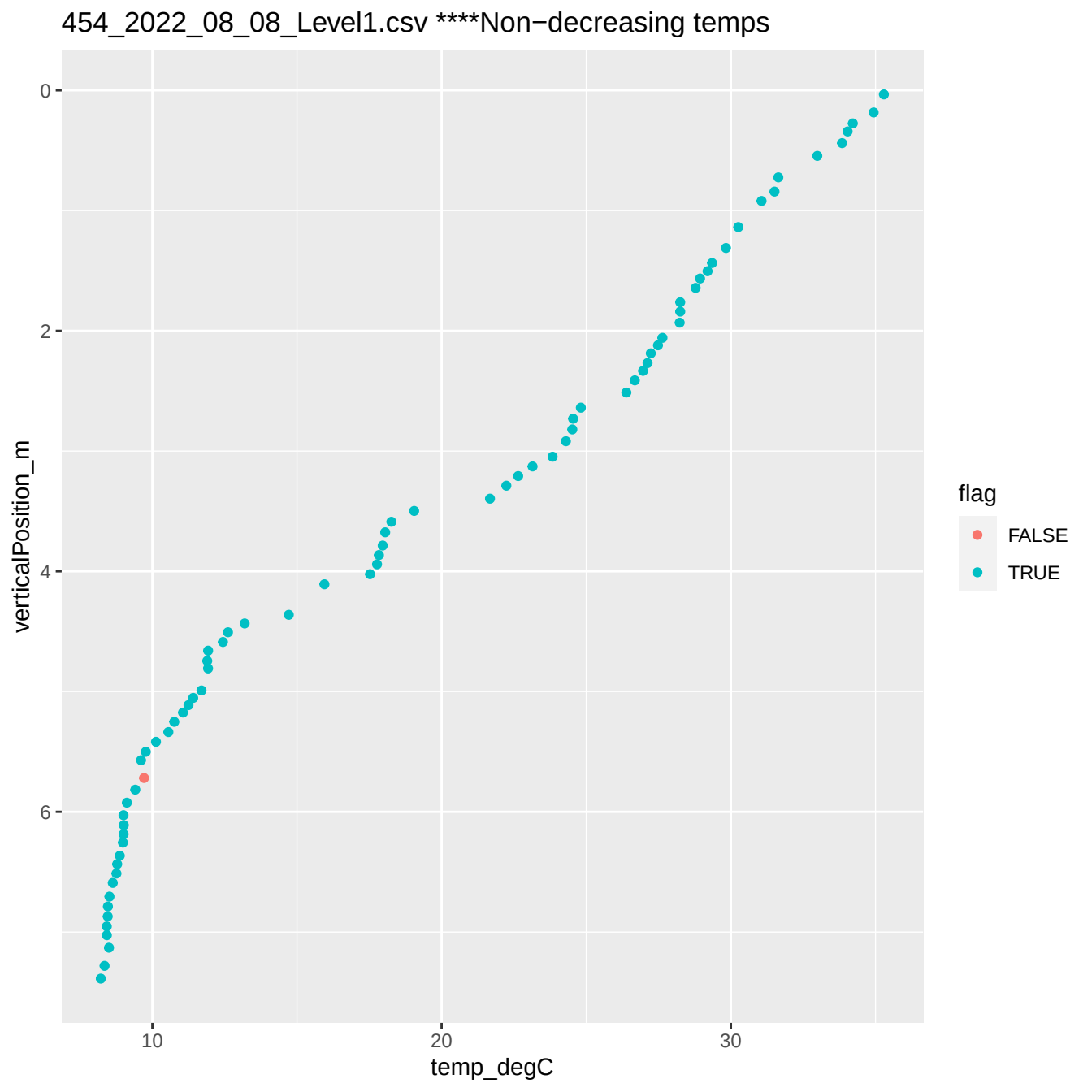

454_2022_06_21_Level1.csv ****Non−monotonic densities
verticalPosition_m
0.5
1.0
994.5
995.0
995.5
996.0
waterDensity_kgpm3
flag
FALSE
TRUE

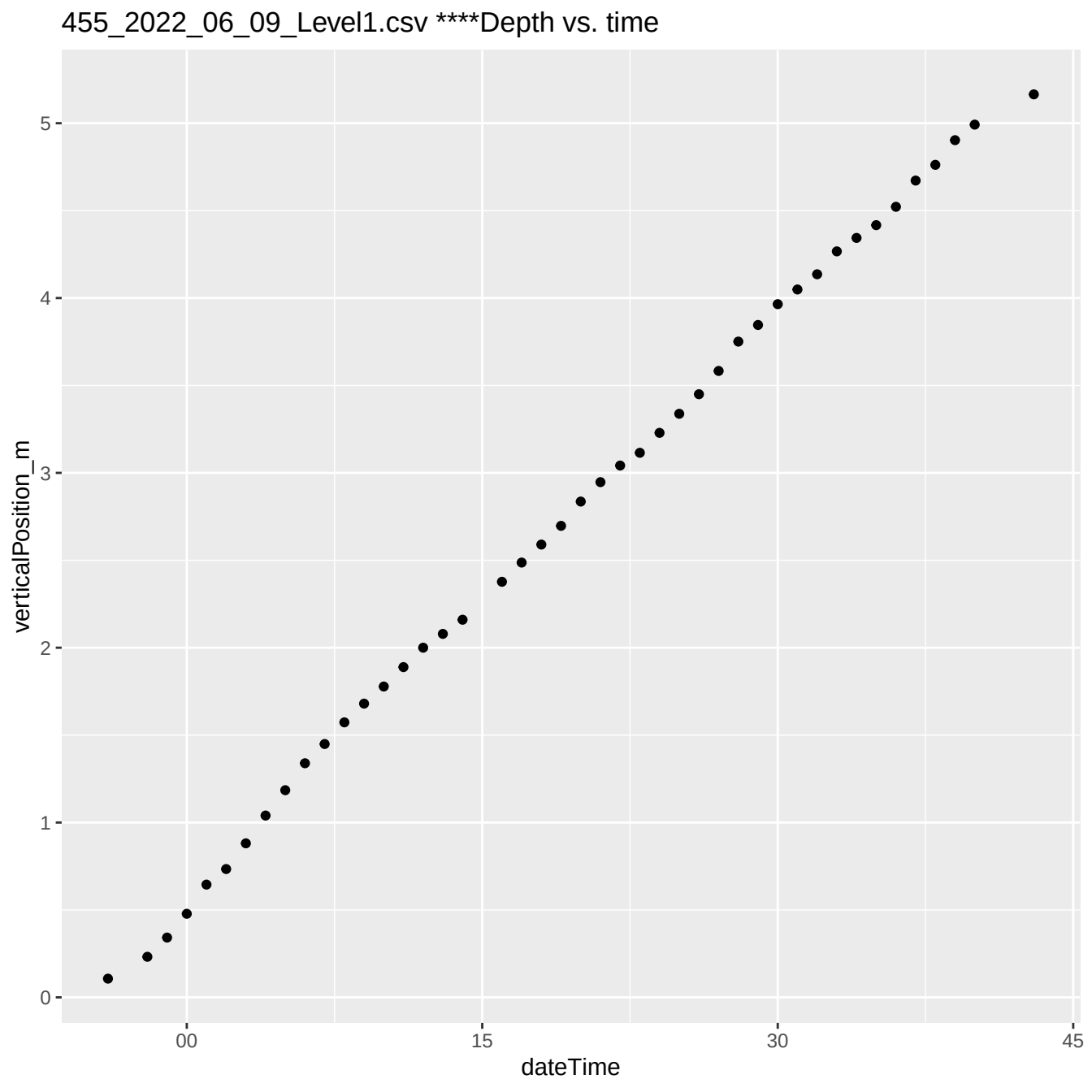

454_2022_06_21_Level1.csv ****Non−decreasing temps
verticalPosition_m
0.5
1.0
28
30
32
temp_degC
flag
FALSE
TRUE

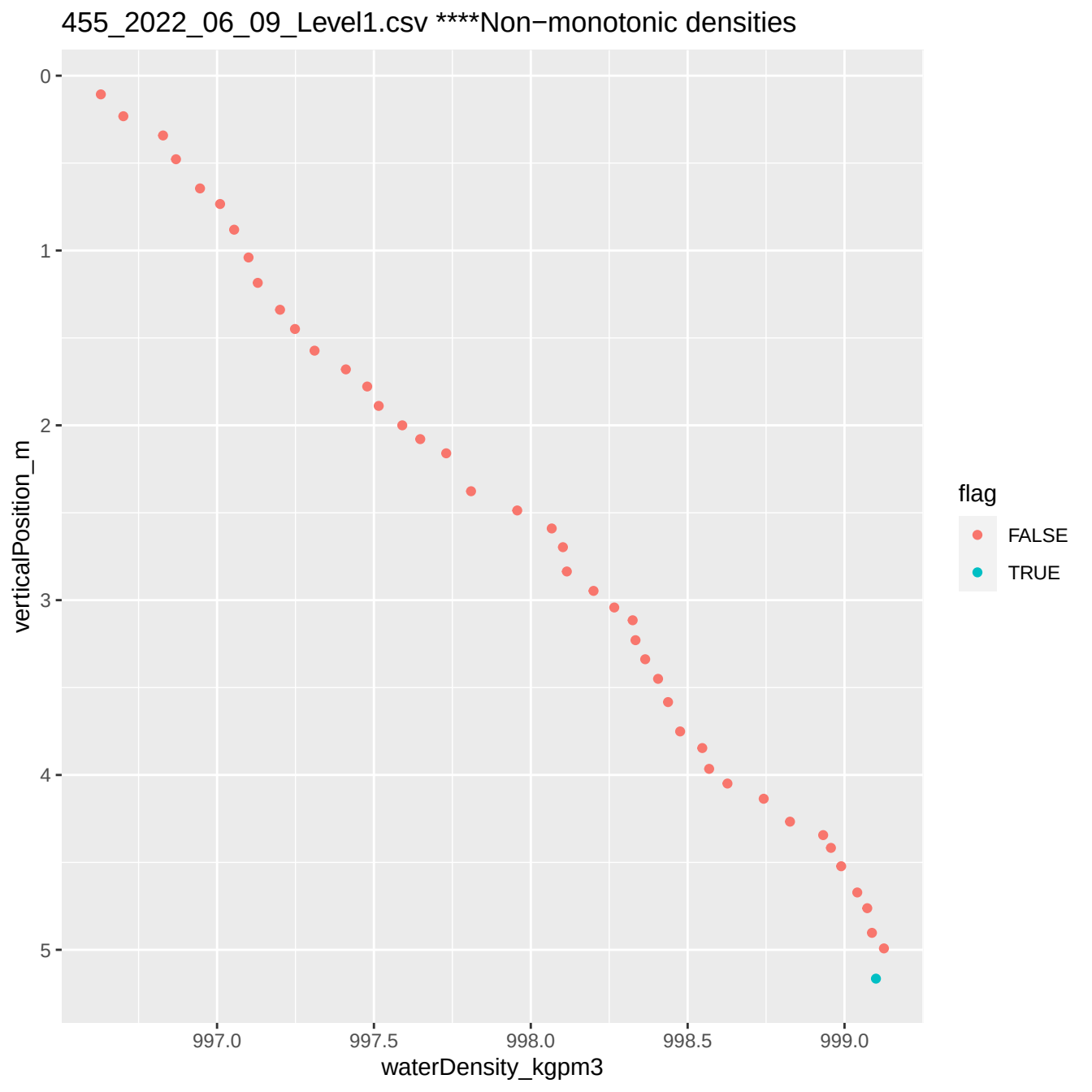

454_2022_07_18_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15:01:30
15:02:00
15:02:30
dateTime

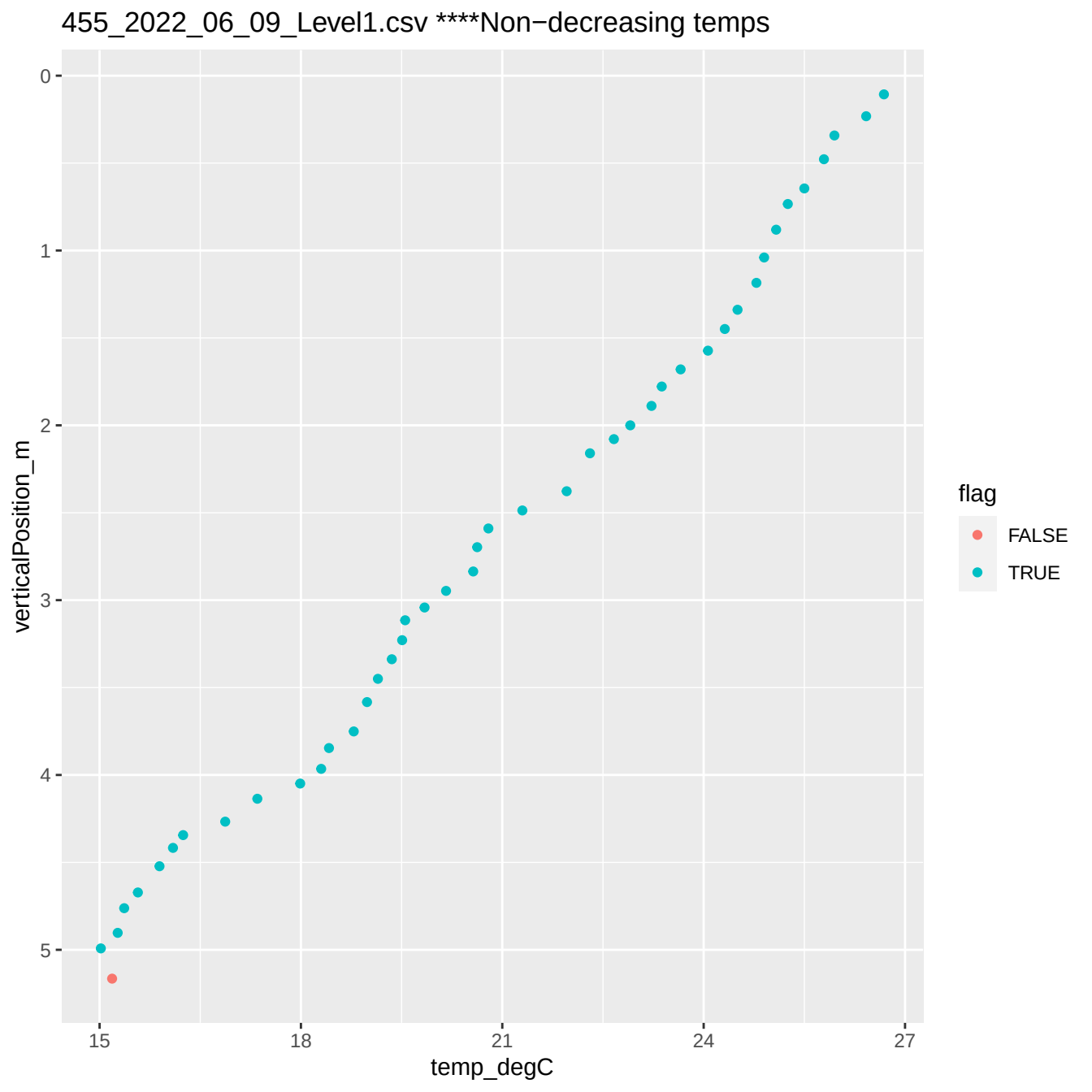

454_2022_07_18_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
2
4
6
996
997
998
999
1000
waterDensity_kgpm3
flag
FALSE
TRUE

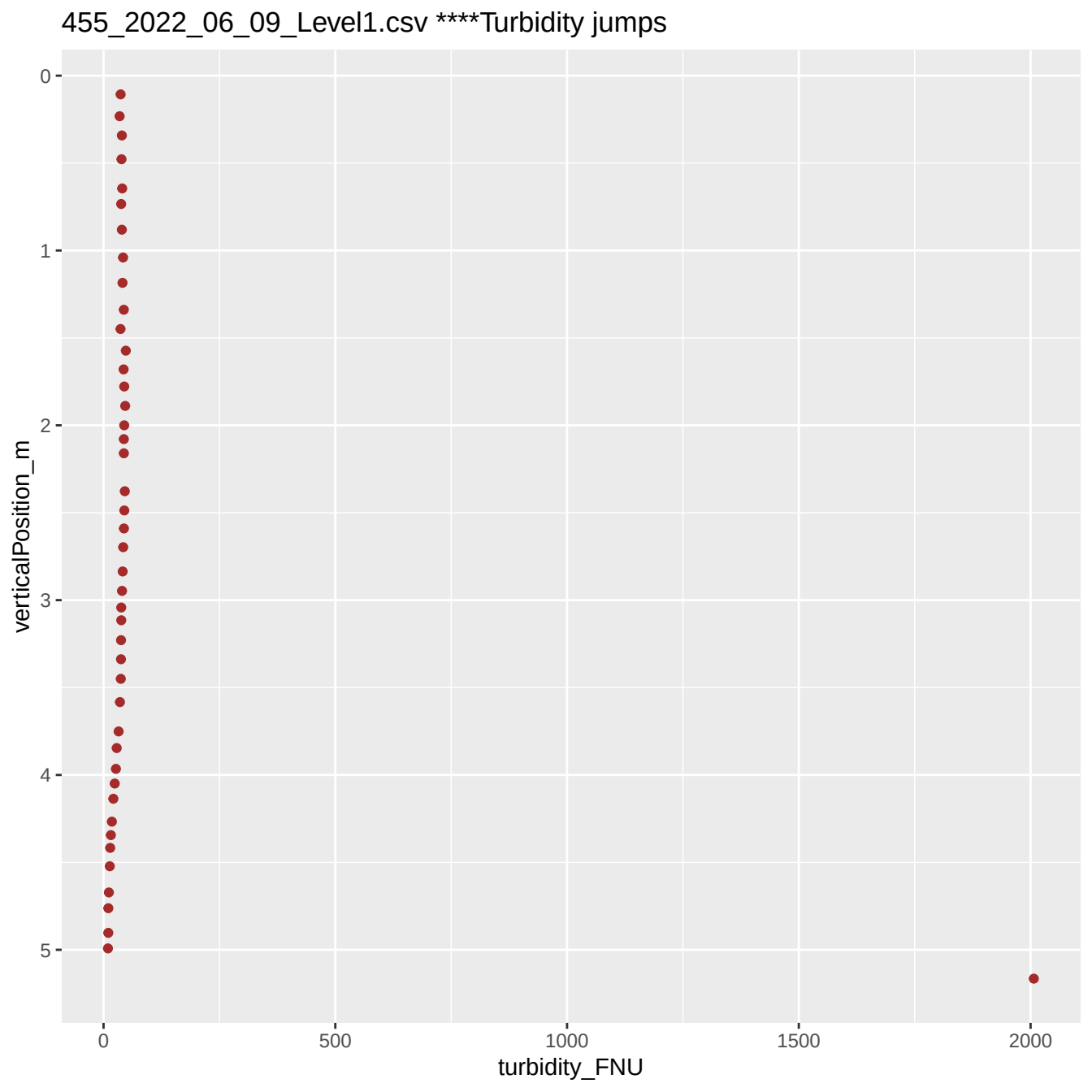

454_2022_08_08_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
15:03:30
15:04:00
15:04:30
dateTime

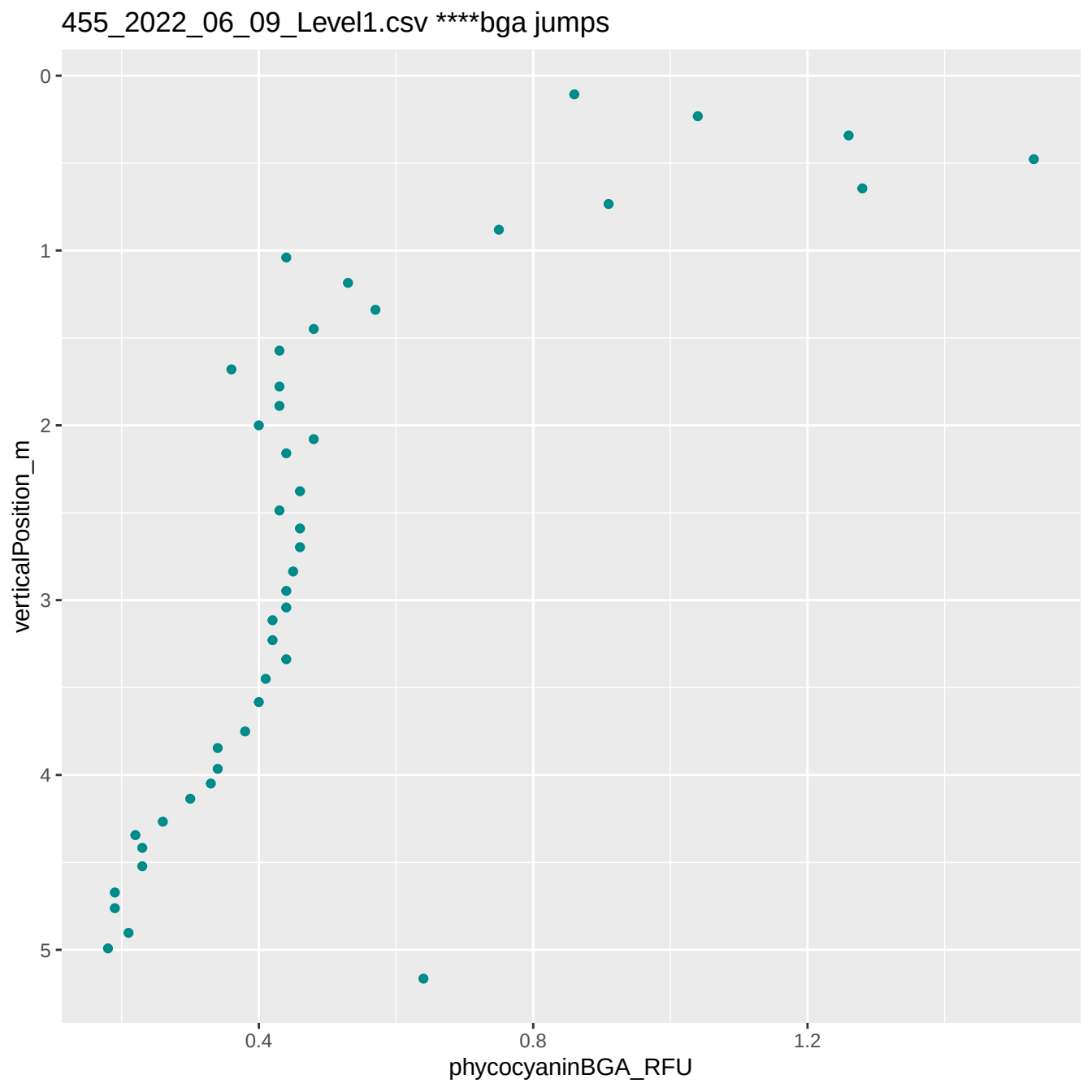

454_2022_08_08_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
2
4
6
10
20
30
temp_degC
flag
FALSE
TRUE

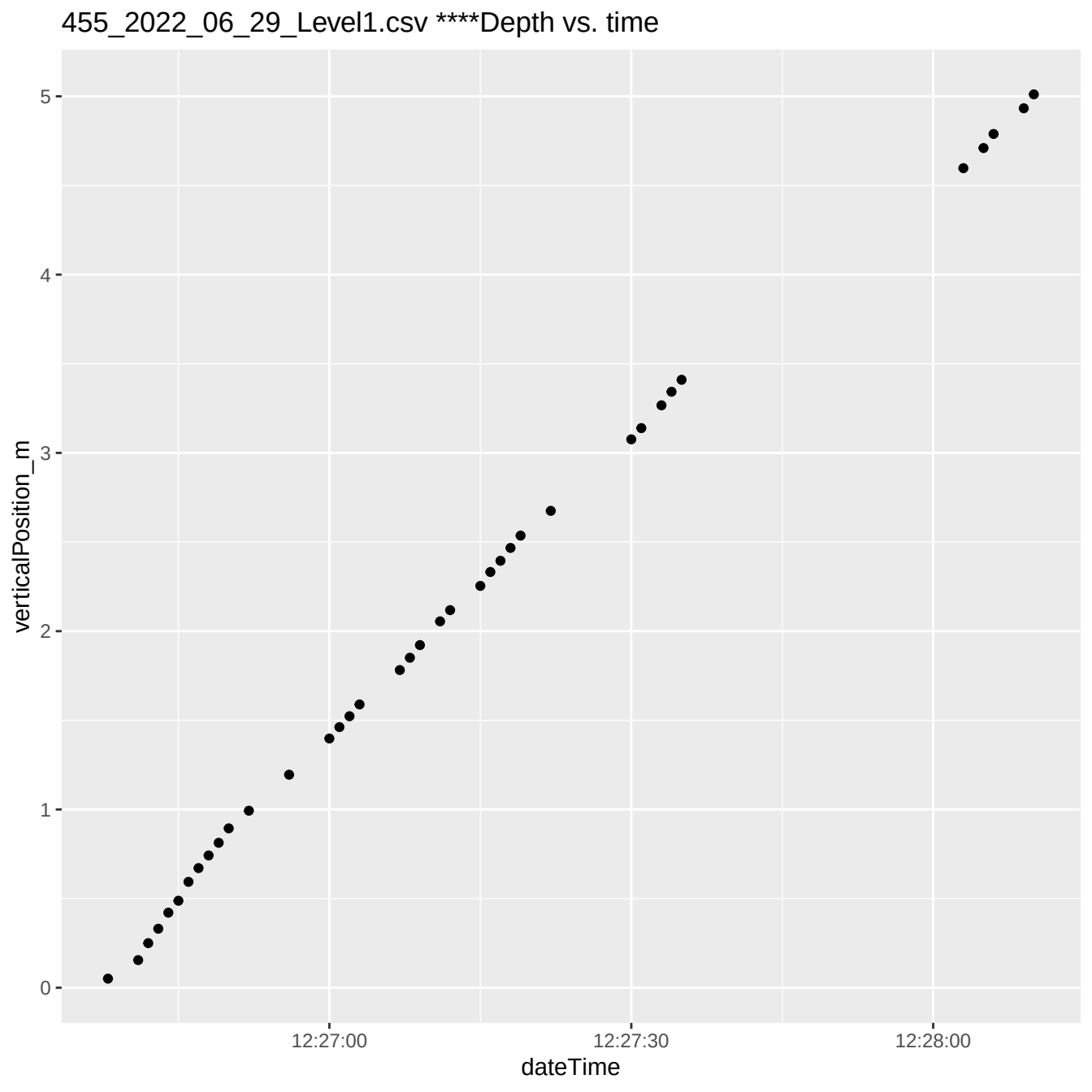

455_2022_06_09_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
00
15
30
45
dateTime

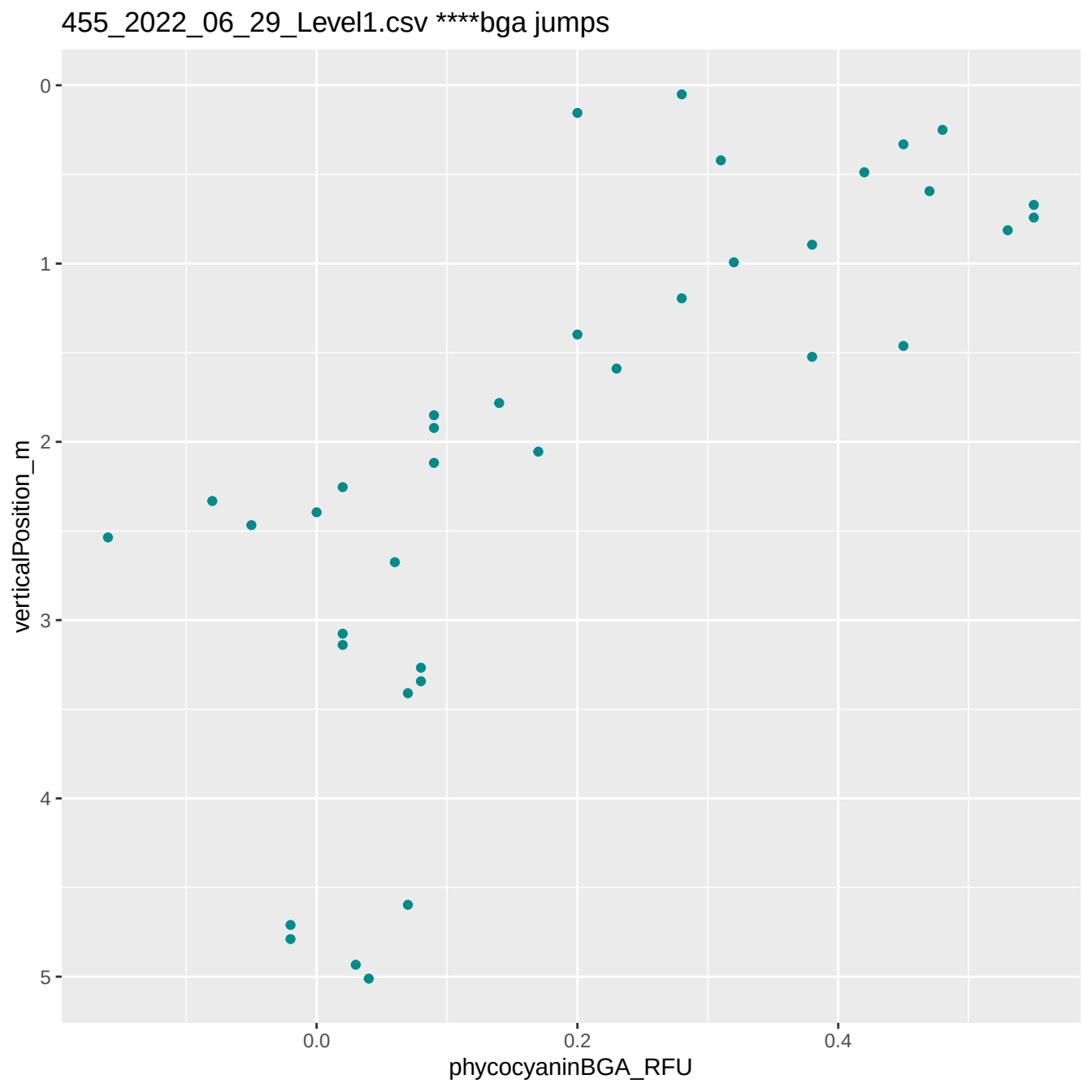

455_2022_06_09_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
5
997.0
997.5
998.0
998.5
999.0
waterDensity_kgpm3
flag
FALSE
TRUE

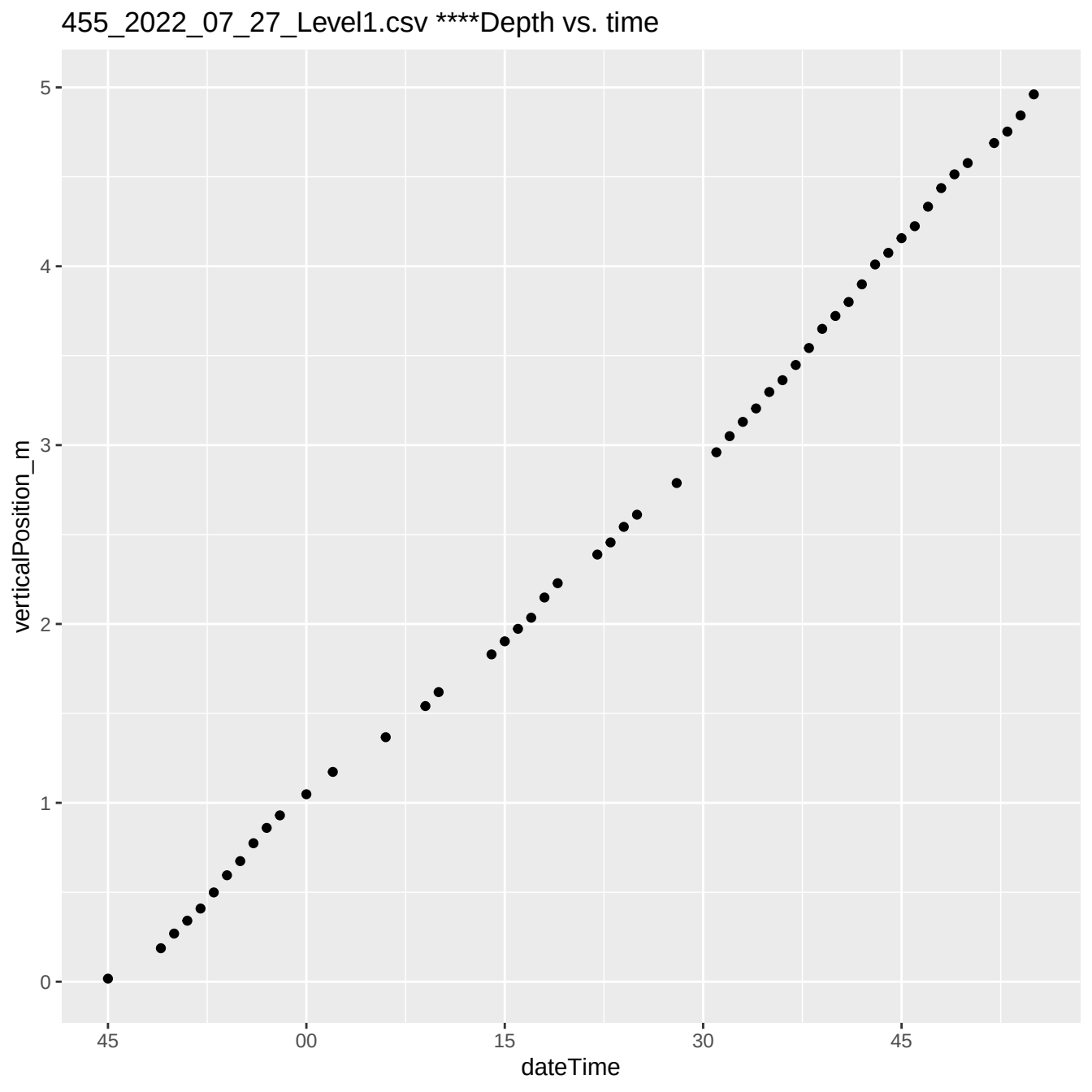

455_2022_06_09_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
5
15
18
21
24
27
temp_degC
flag
FALSE
TRUE

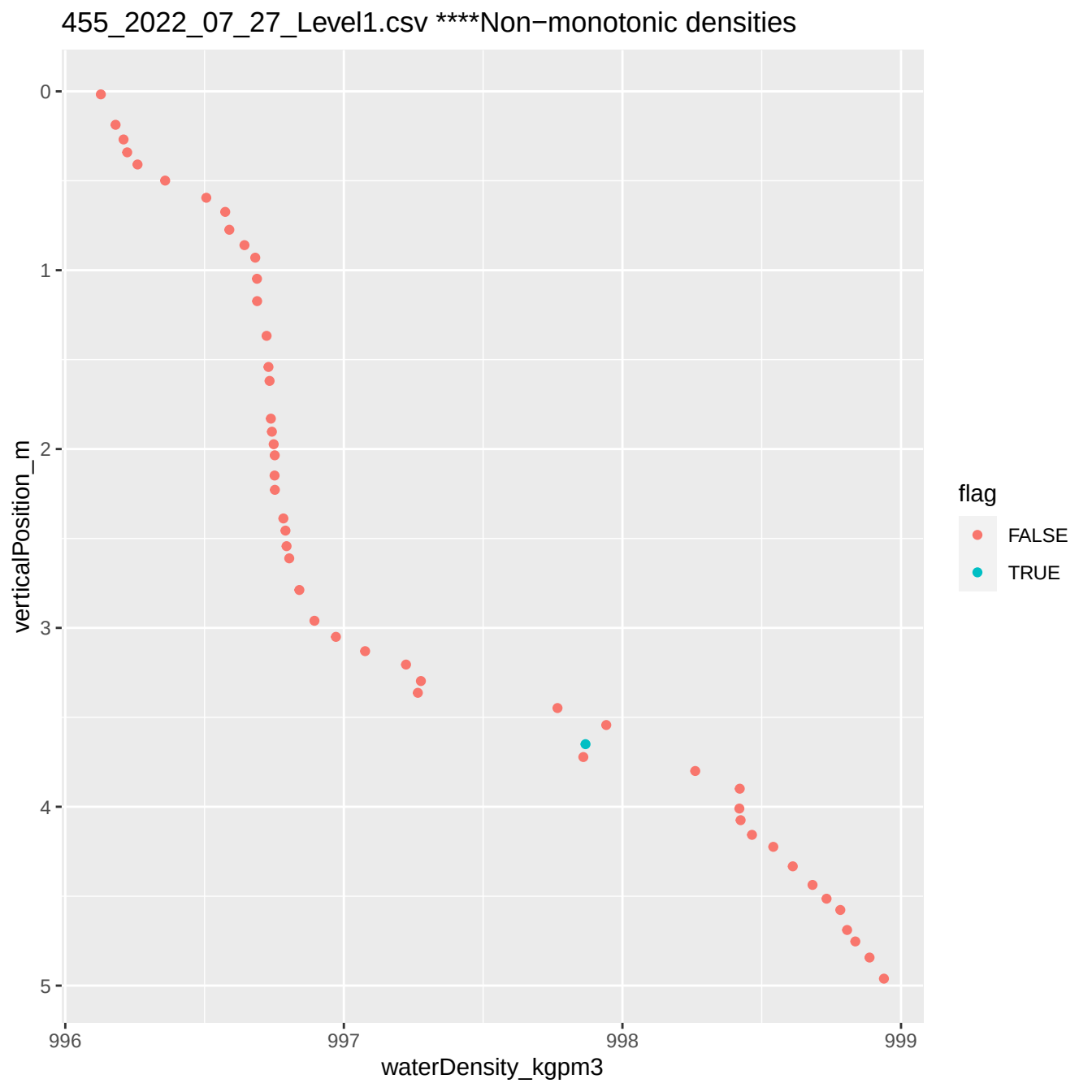

455_2022_06_09_Level1.csv ****Turbidity jumps
verticalPosition_m
0
1
2
3
4
5
0
500
1000
1500
2000
turbidity_FNU

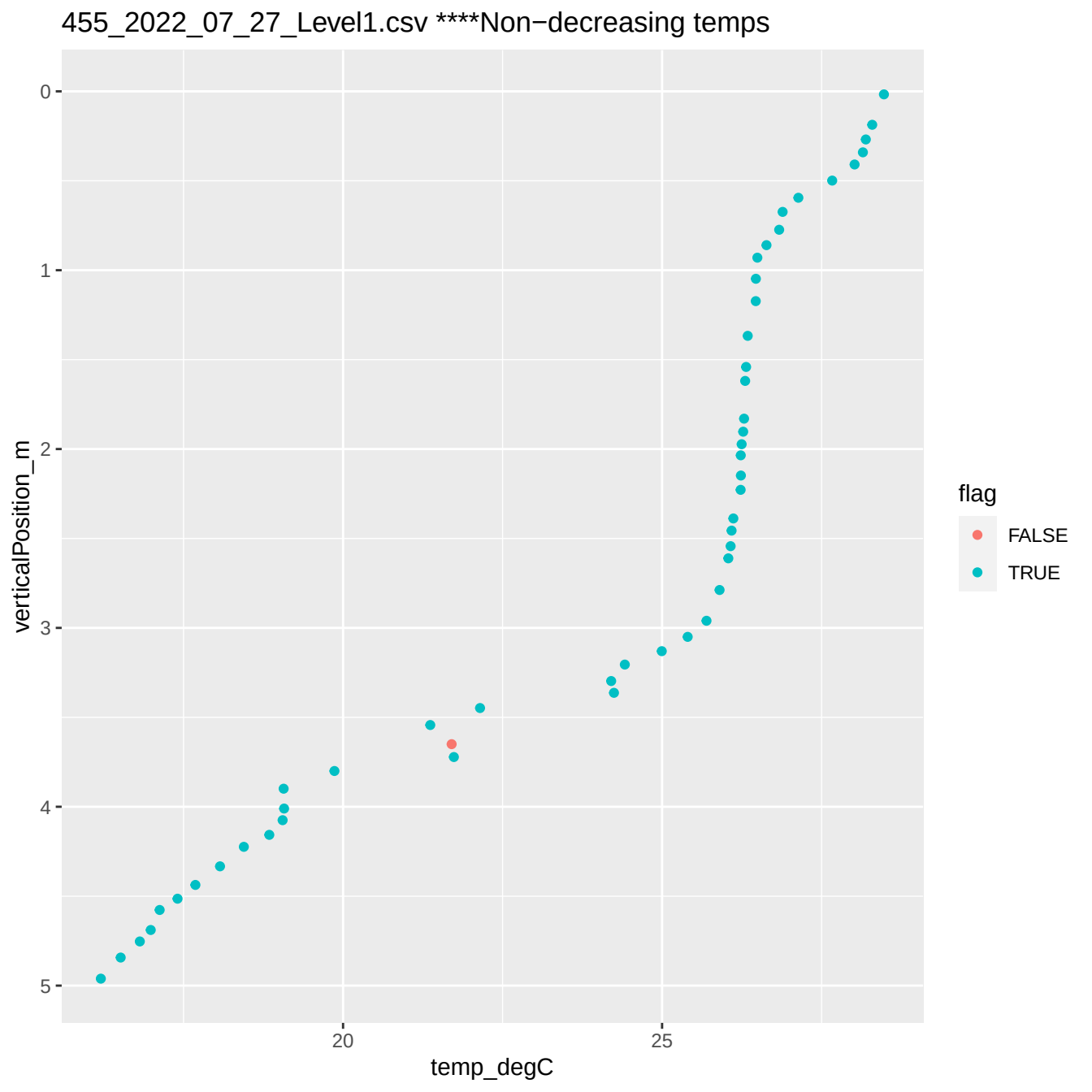

455_2022_06_09_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
0.4
0.8
1.2
phycocyaninBGA_RFU

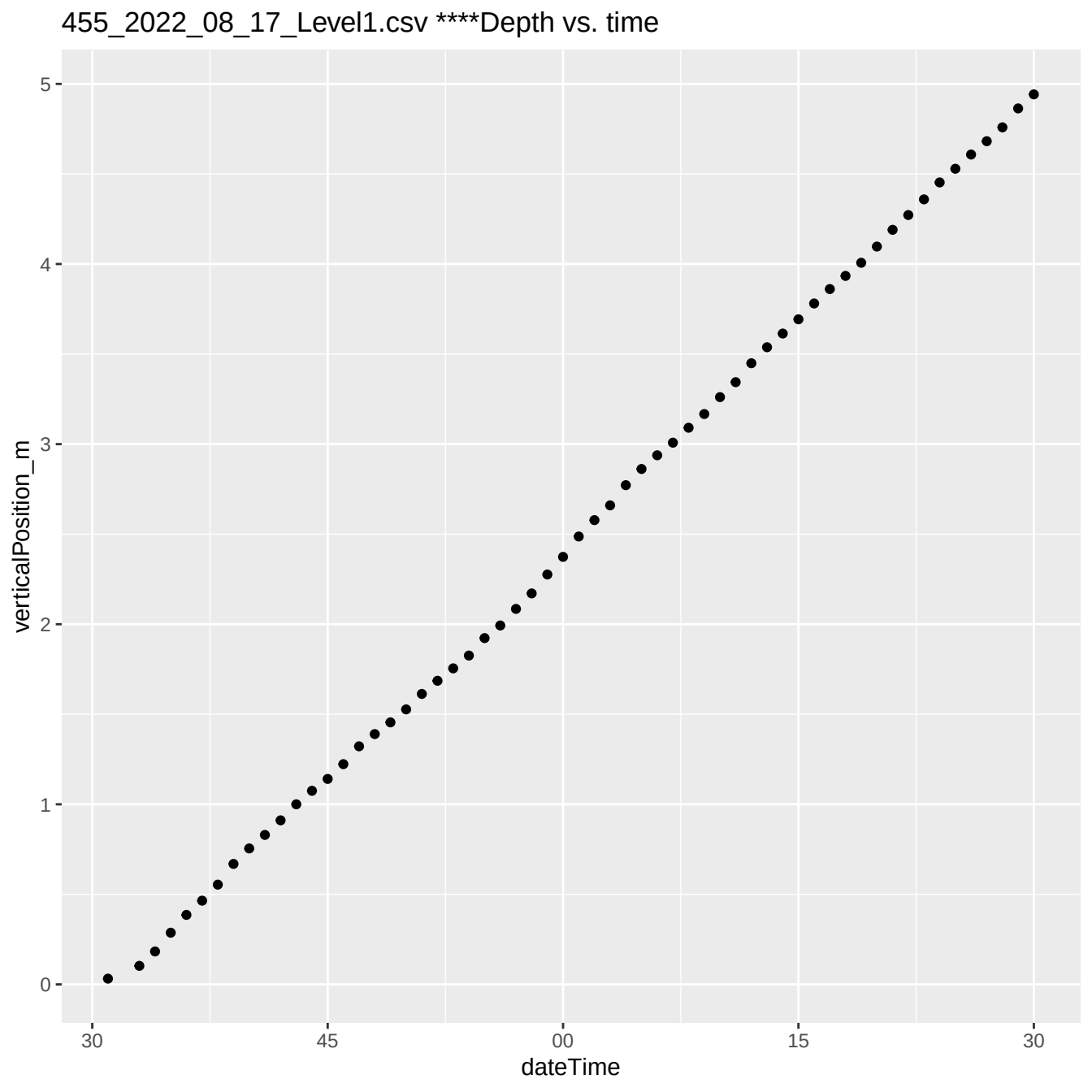

455_2022_06_29_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
12:27:00
12:27:30
12:28:00
dateTime

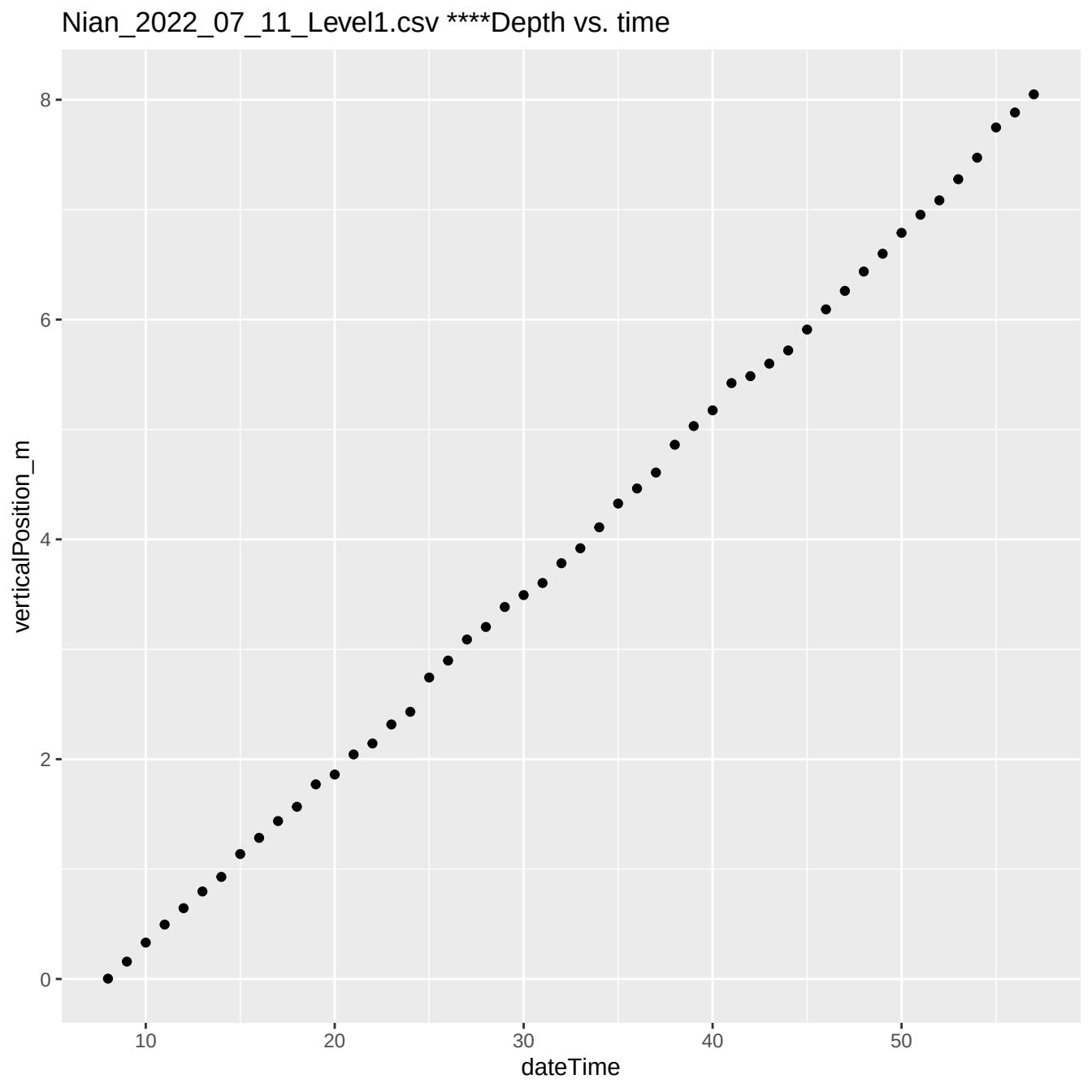

455_2022_06_29_Level1.csv ****bga jumps
verticalPosition_m
0
1
2
3
4
5
0.0
0.2
0.4
phycocyaninBGA_RFU

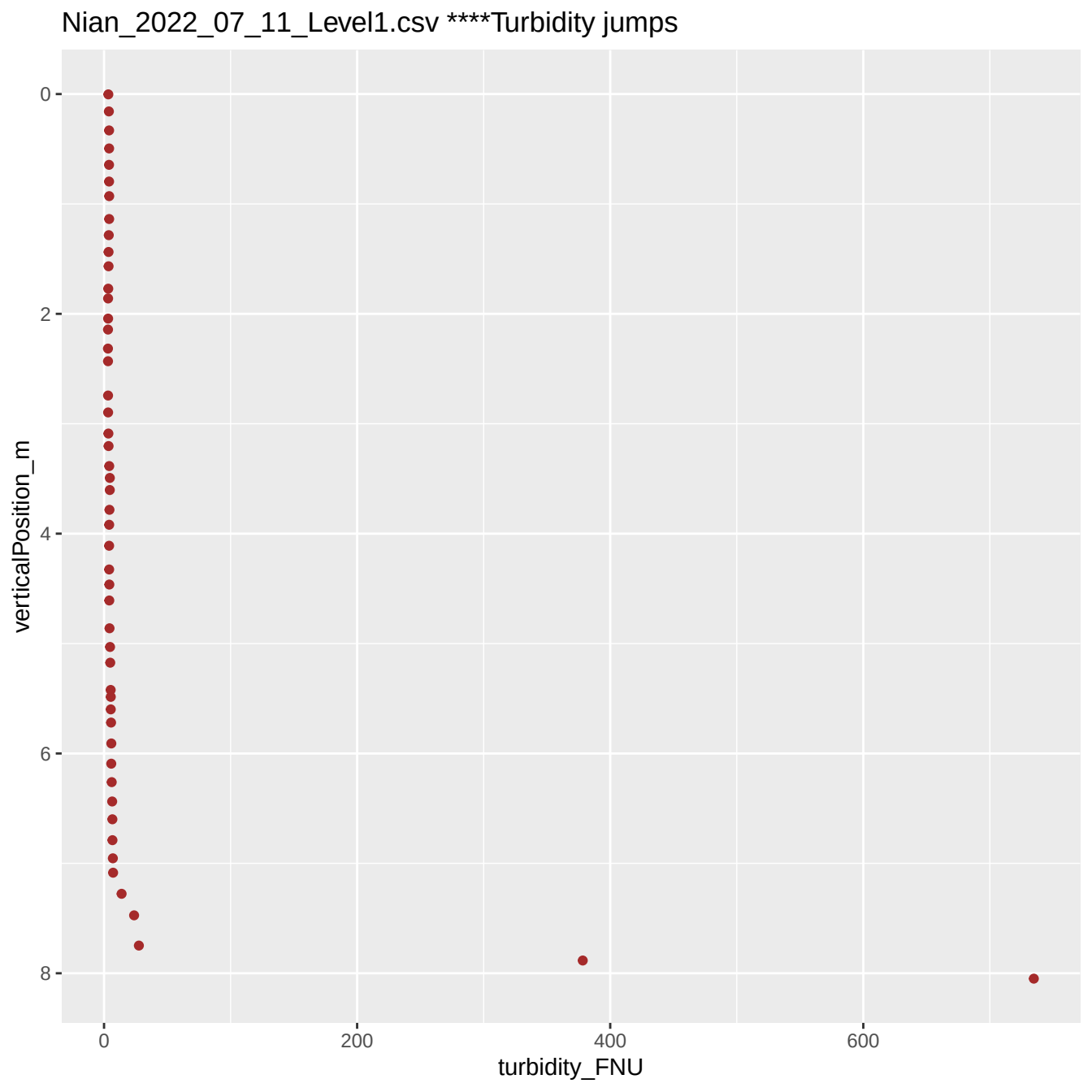

455_2022_07_27_Level1.csv ****Depth vs. time
verticalPosition_m
0
1
2
3
4
5
45
00
15
30
45
dateTime

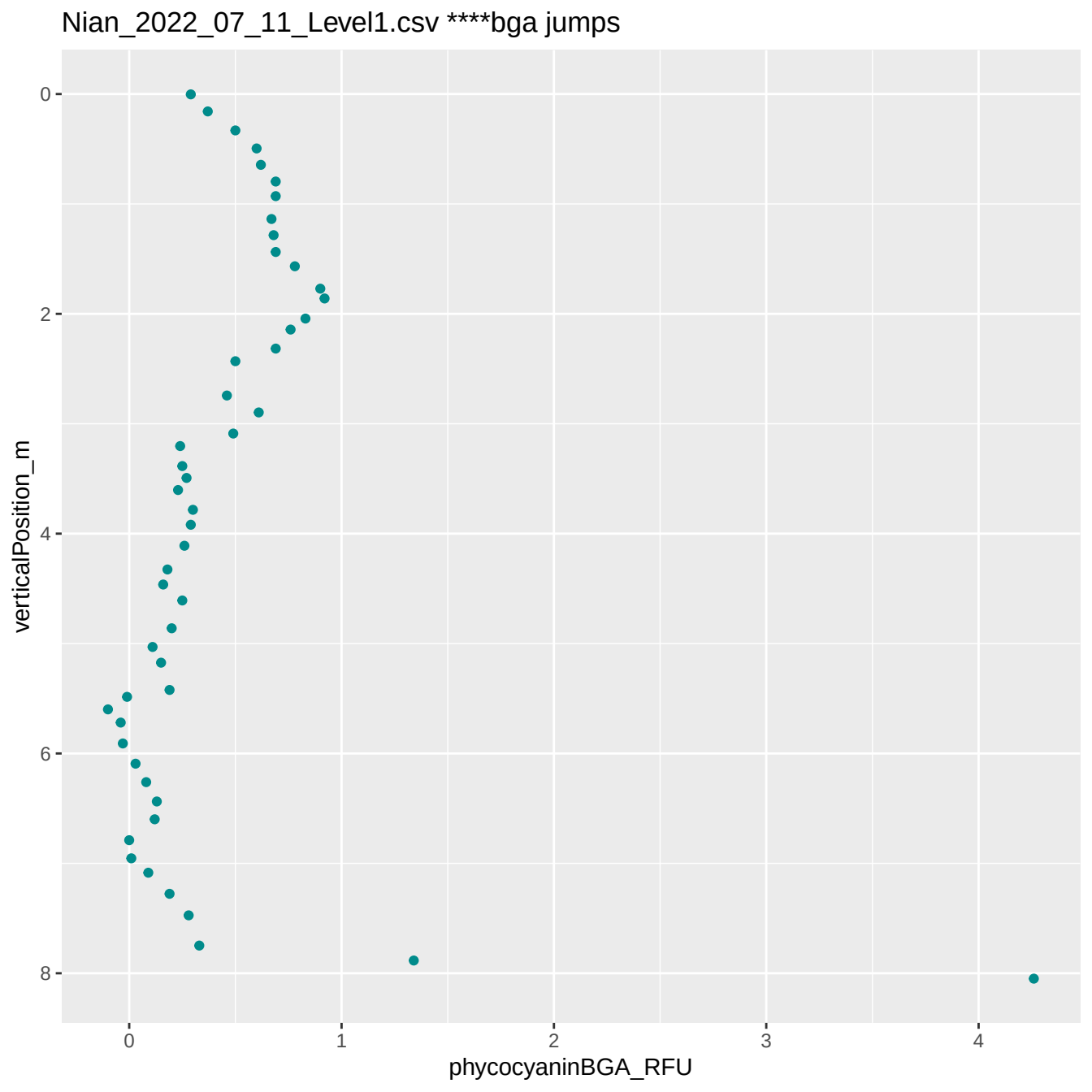

455_2022_07_27_Level1.csv ****Non−monotonic densities
verticalPosition_m
0
1
2
3
4
5
996
997
998
999
waterDensity_kgpm3
flag
FALSE
TRUE

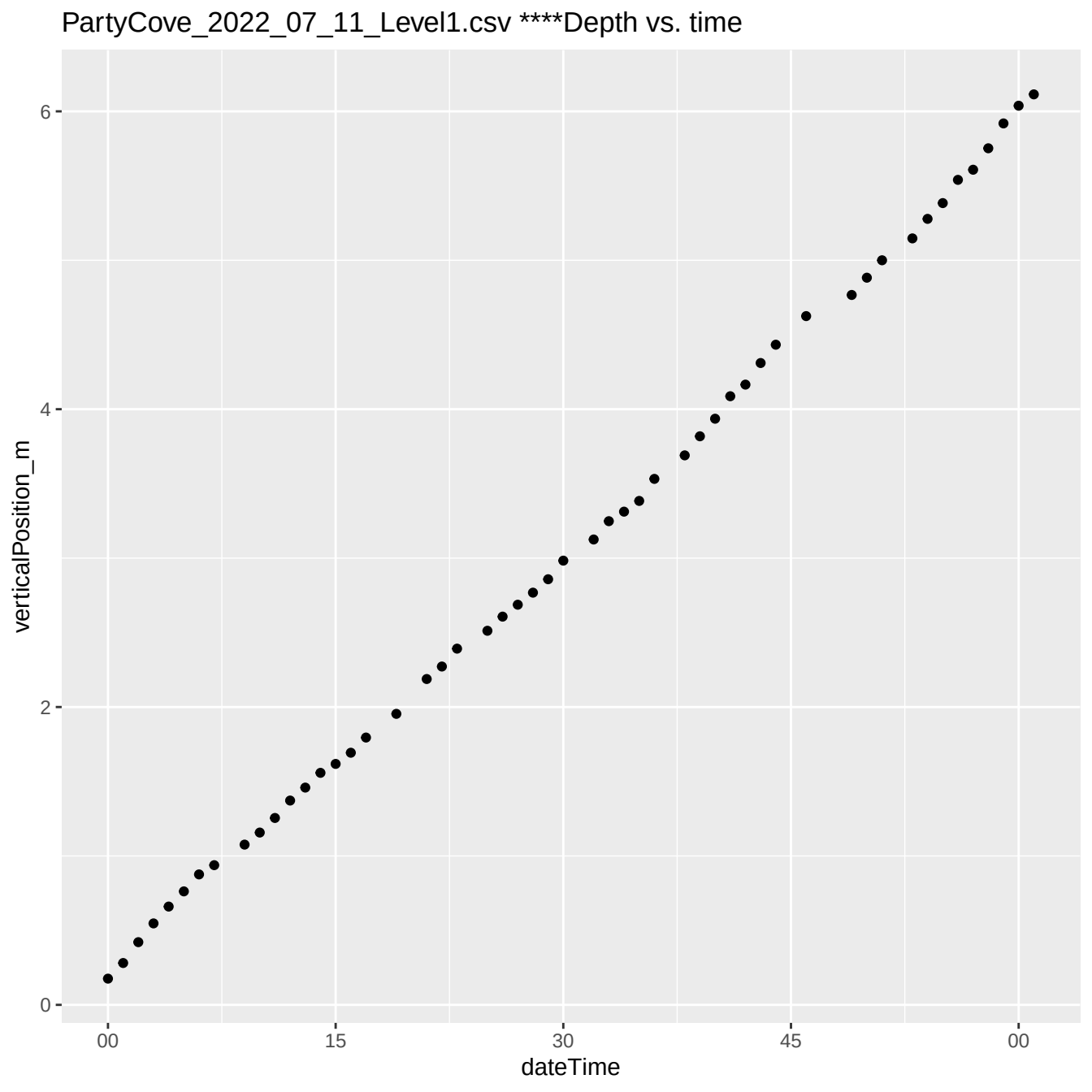

455_2022_07_27_Level1.csv ****Non−decreasing temps
verticalPosition_m
0
1
2
3
4
5
20
25
temp_degC
flag
FALSE
TRUE


455_2022_08_17_Level1.csv ****Depth vs. time
verticalPosition_m
5
4
3
2
1
0
30
45
00
15
30
dateTime


Nian_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
8
6
4
2
0
10
20
30
40
50
dateTime


Nian_2022_07_11_Level1.csv ****Turbidity jumps
verticalPosition_m
0
2
4
6
8
0
200
400
600
turbidity_FNU


Nian_2022_07_11_Level1.csv ****bga jumps
verticalPosition_m
0
2
4
6
8
0
1
2
3
4
phycocyaninBGA_RFU


PartyCove_2022_07_11_Level1.csv ****Depth vs. time
verticalPosition_m
6
4
2
0
00
15
30
45
00
dateTime