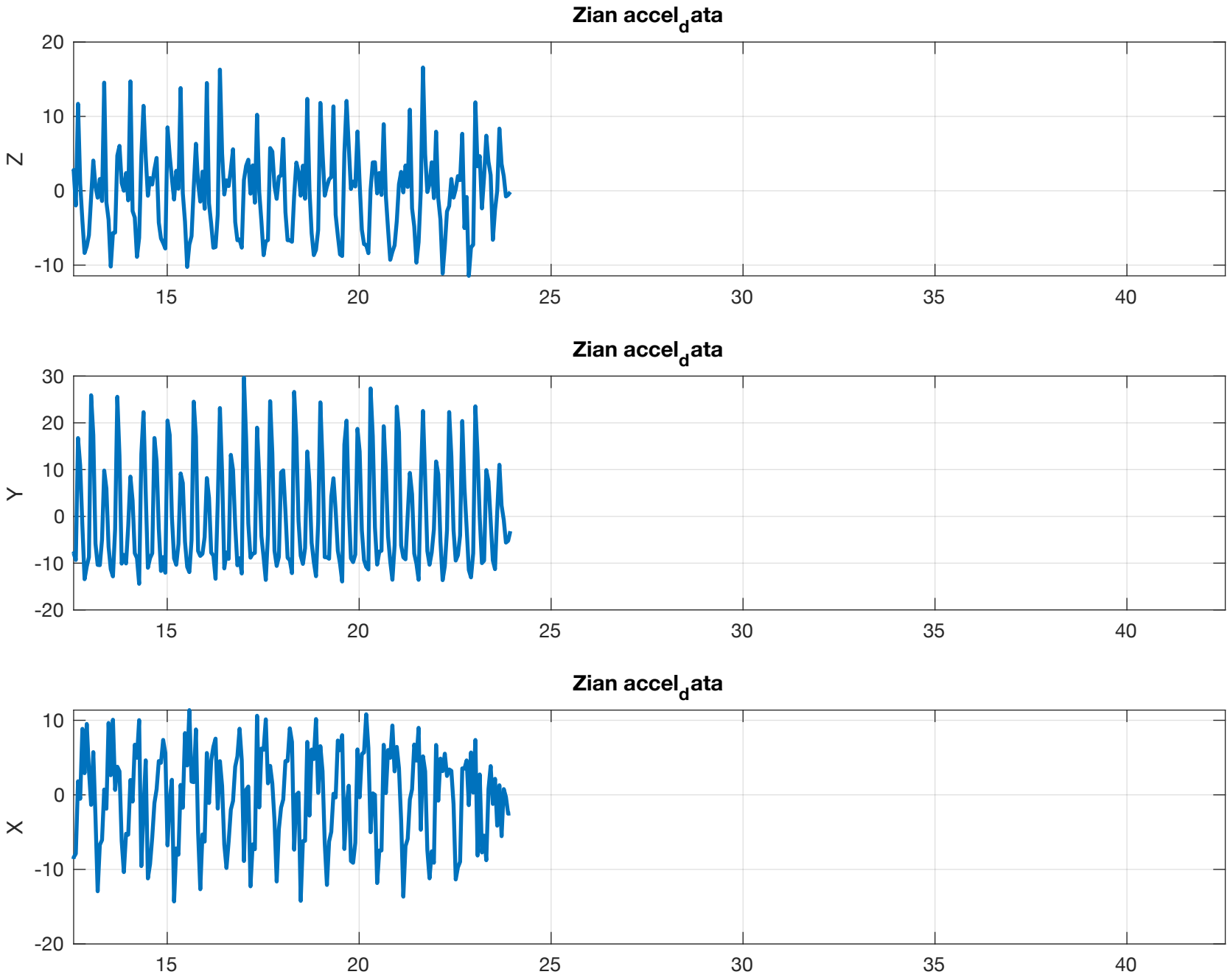
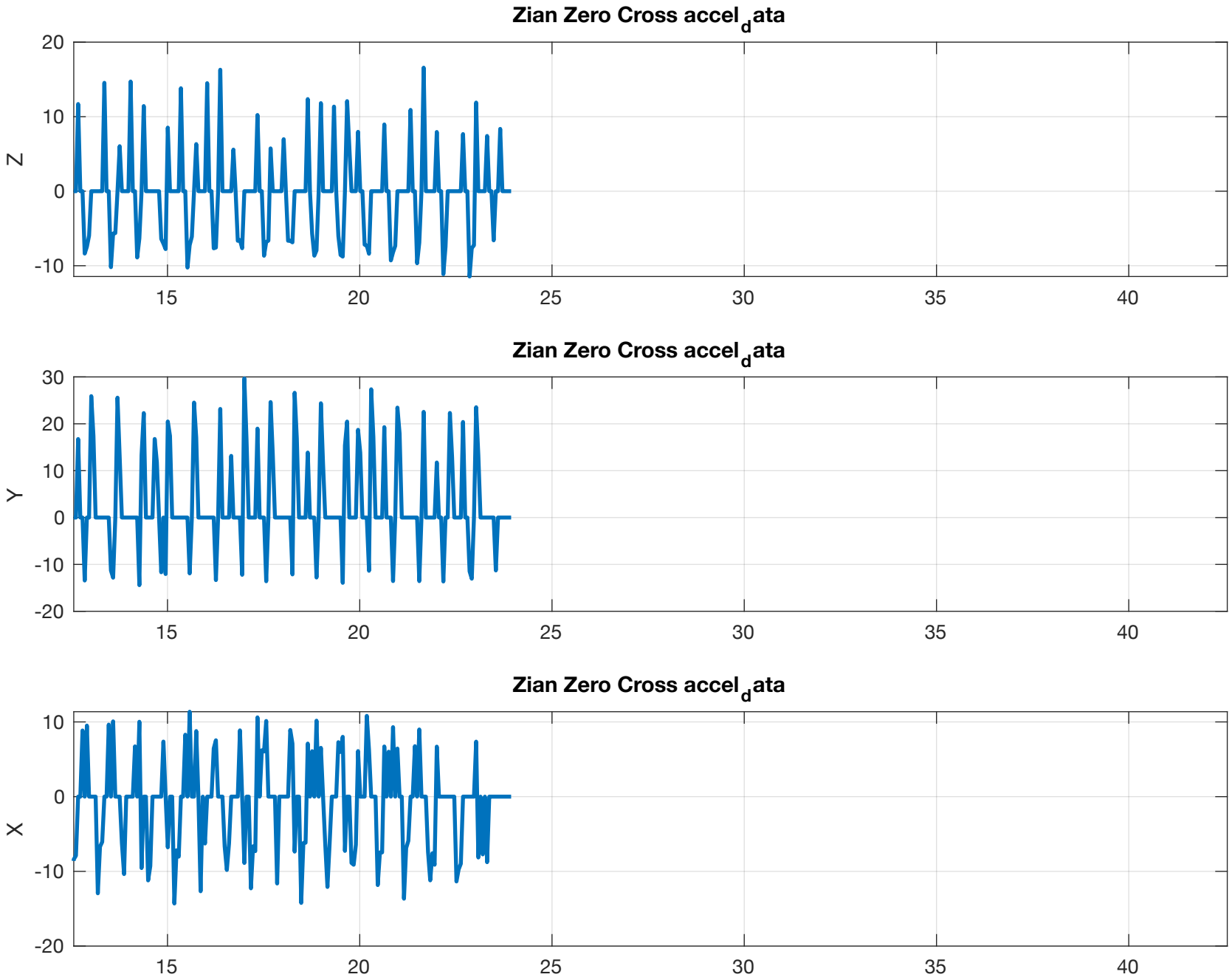
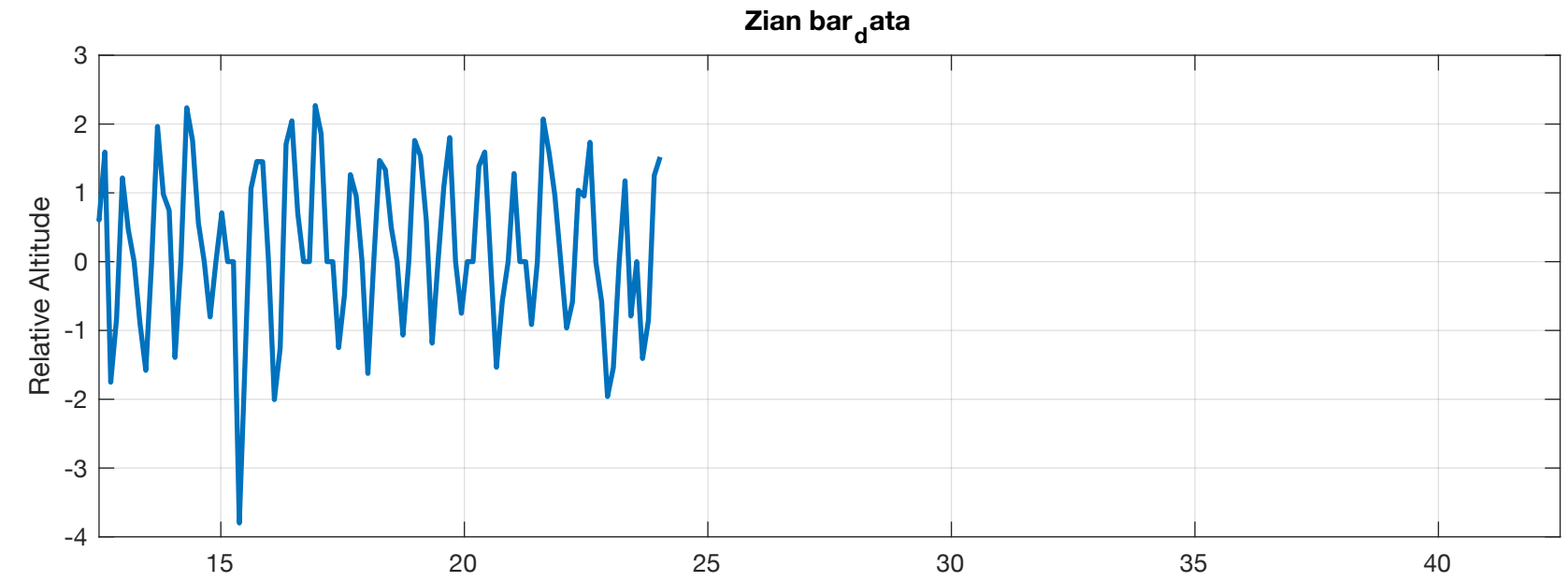
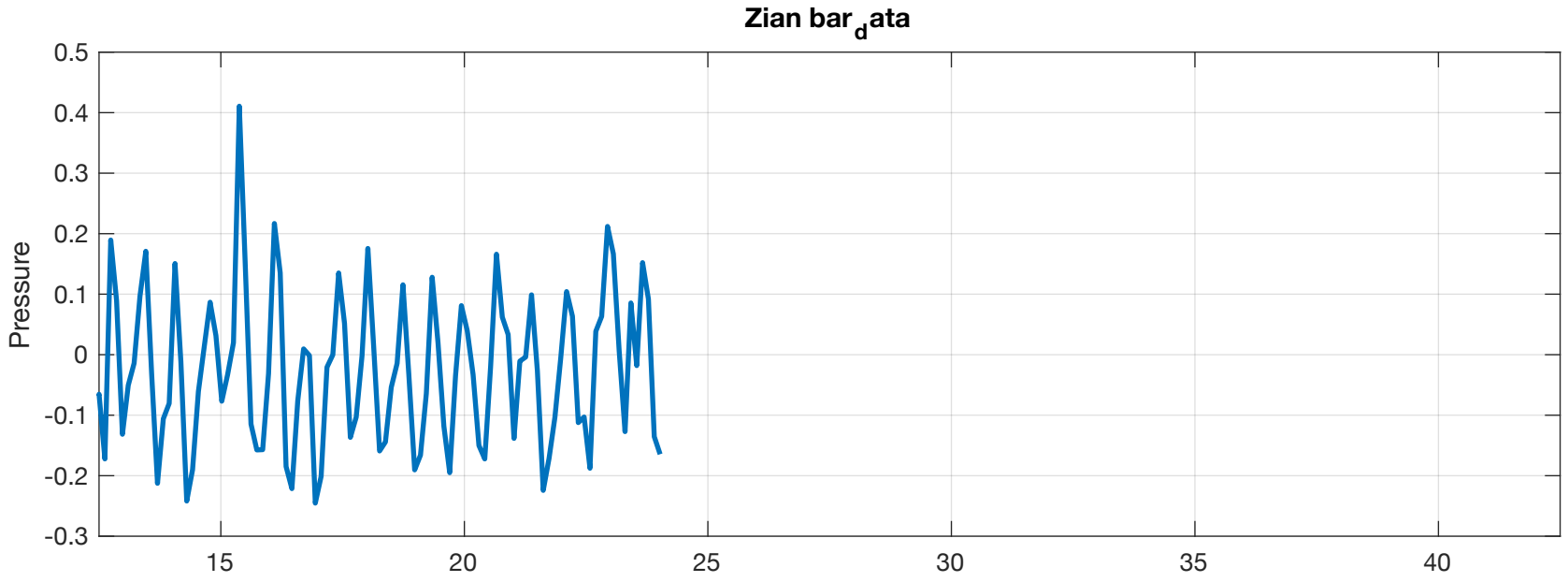
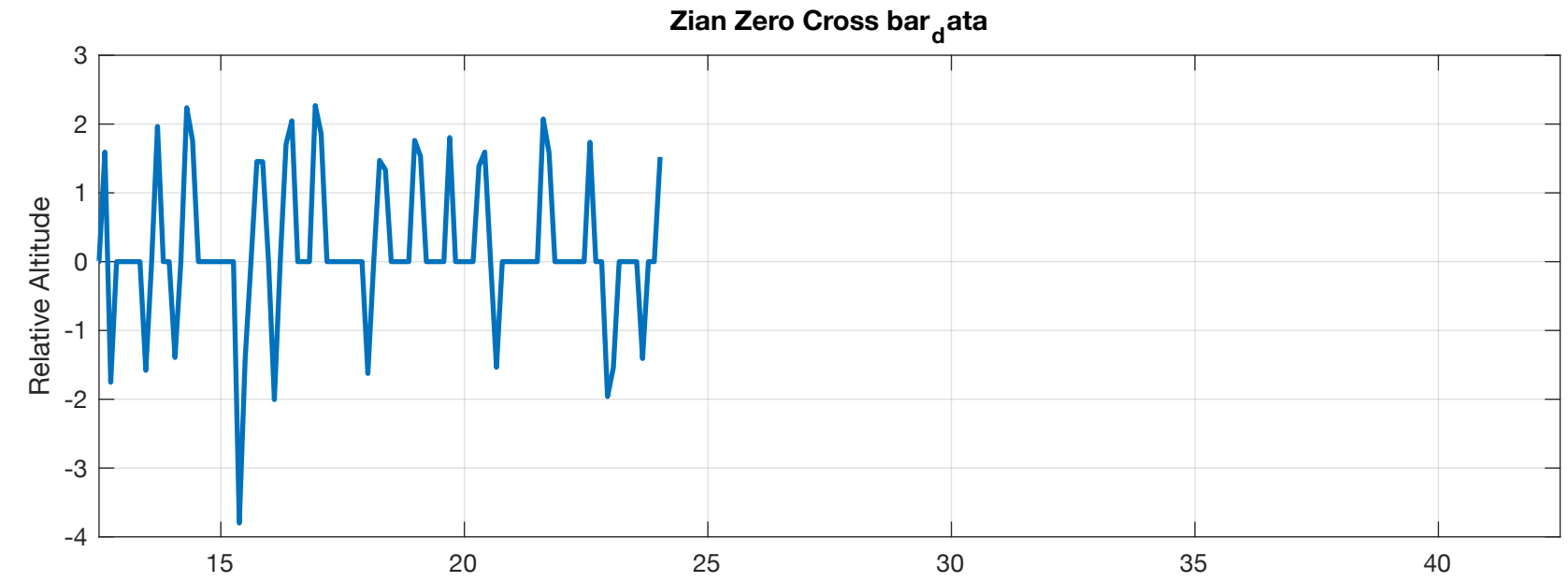

Zian accel_data
Z
20
10
0
-10
15
20
25
30
35
40
Zian accel_data
Y
30
20
10
0
-10
-20
15
20
25
30
35
40
Zian accel_data
X
10
0
-10
-20
15
20
25
30
35
40

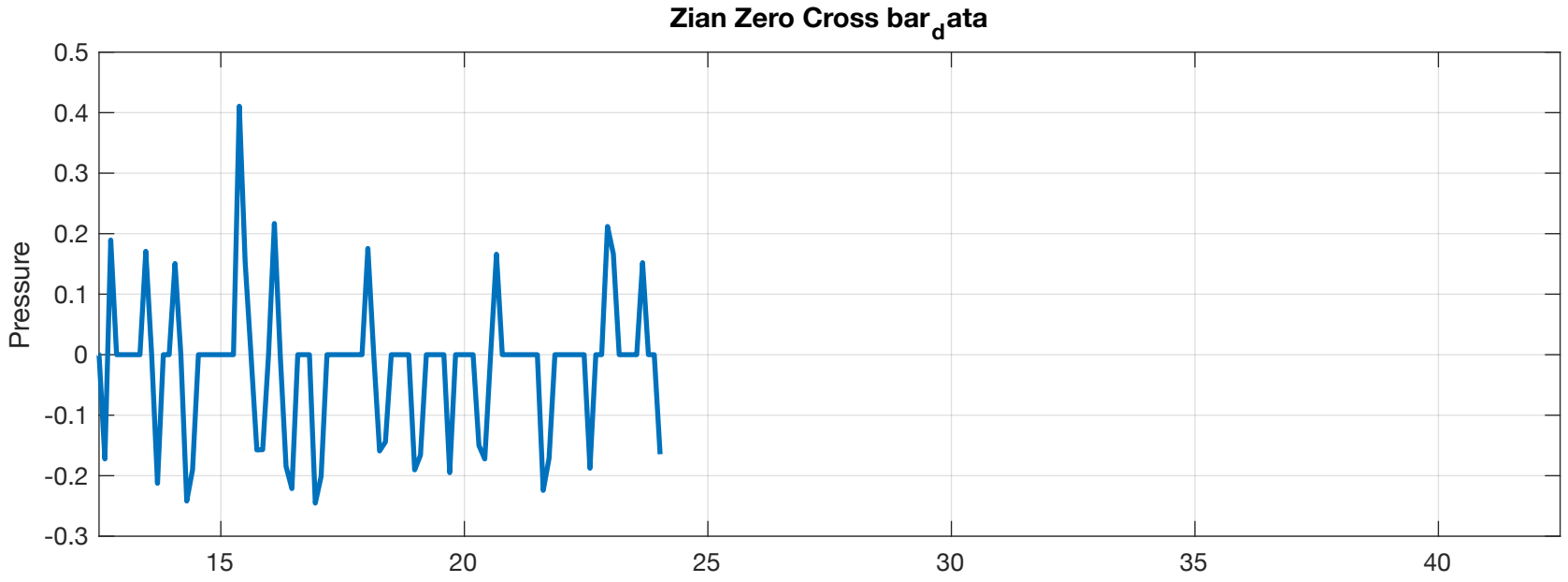

Zian Zero Cross accel_data
Z
20
10
0
-10
15
20
25
30
35
40
Zian Zero Cross accel_data
Y
30
20
10
0
-10
-20
15
20
25
30
35
40
Zian Zero Cross accel_data
X
10
0
-10
-20
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-34.000	-27.000	12.000	14.000	"accel_data"
'Y'	-15.000	-4.000	16.000	11.500	"accel_data"
'X'	-48.000	-40.000	12.000	5.500	"accel_data"

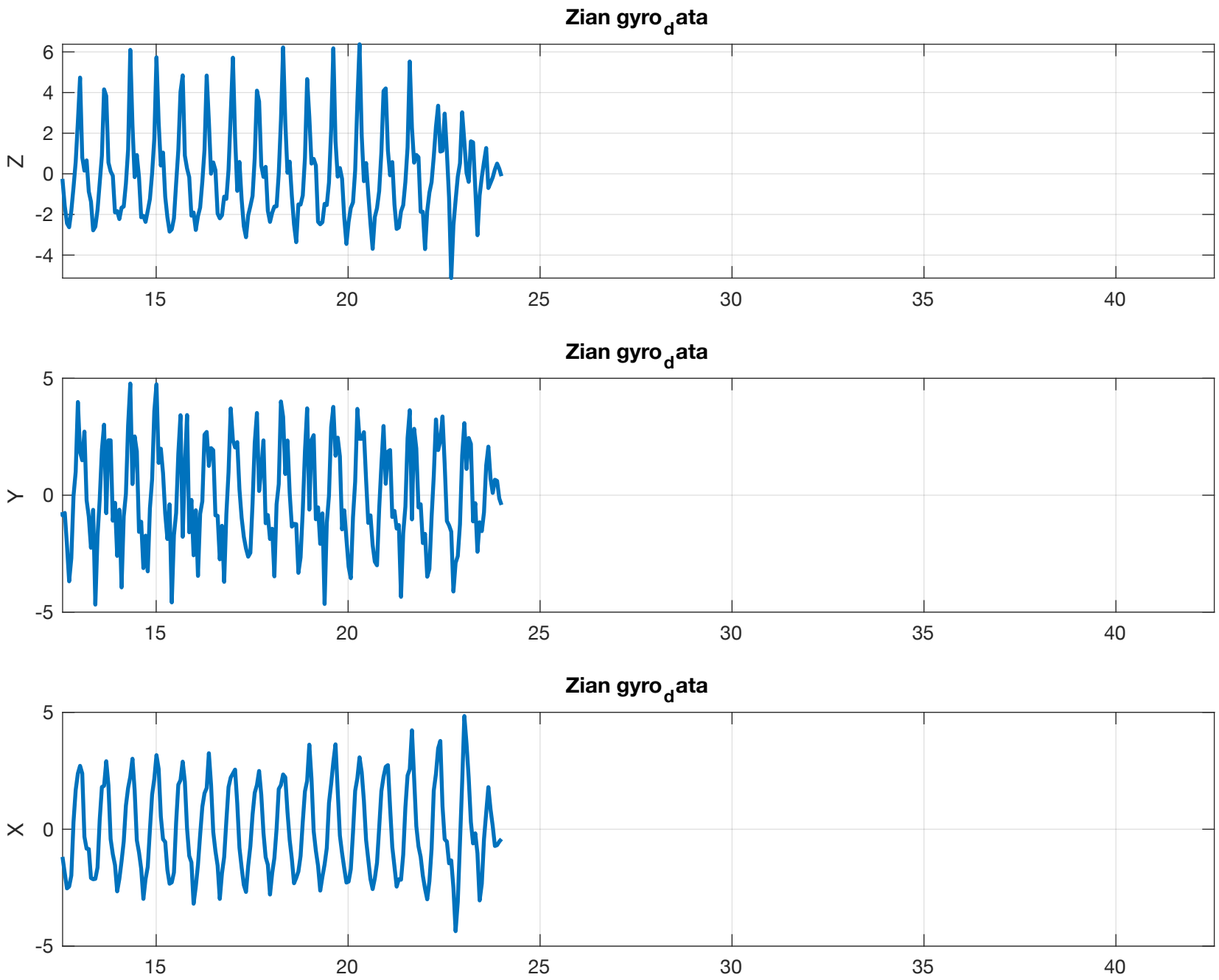

Zian bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
-4
15
20
25
30
35
40

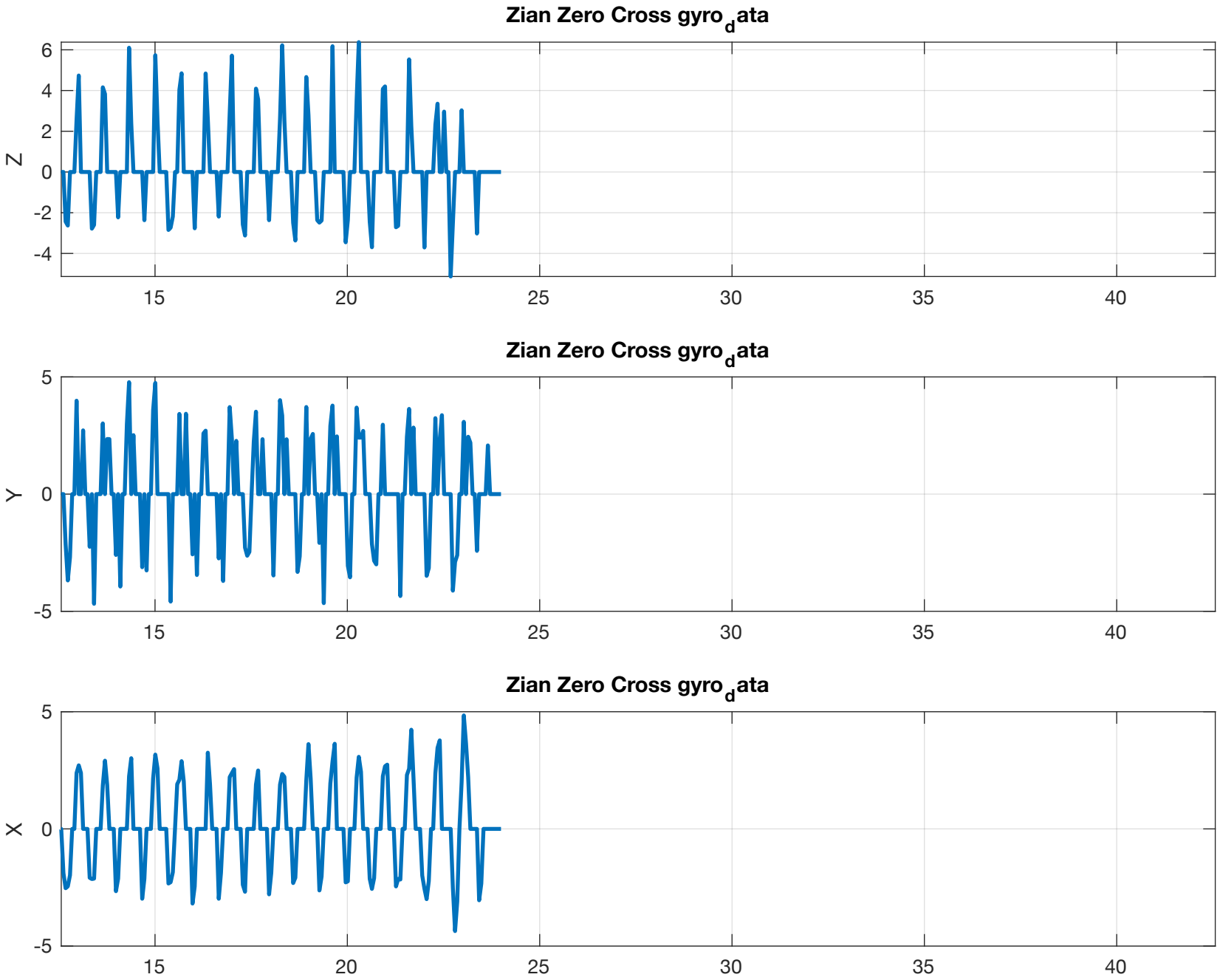

Zian bar_data
Pressure
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
15
20
25
30
35
40


Zian Zero Cross bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
-4
15
20
25
30
35
40

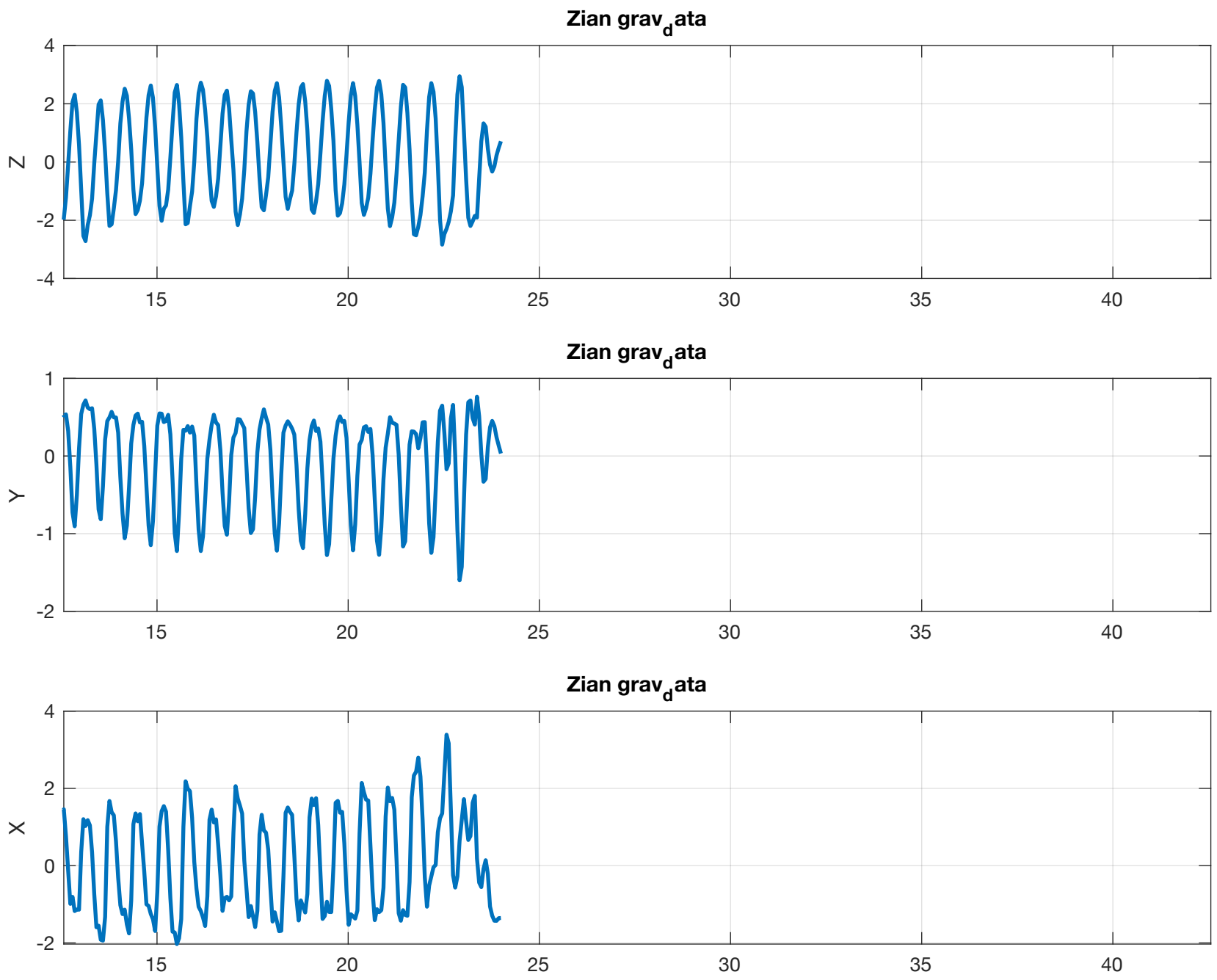

Zian Zero Cross bar_data
Pressure
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
15
20
25
30
35
40

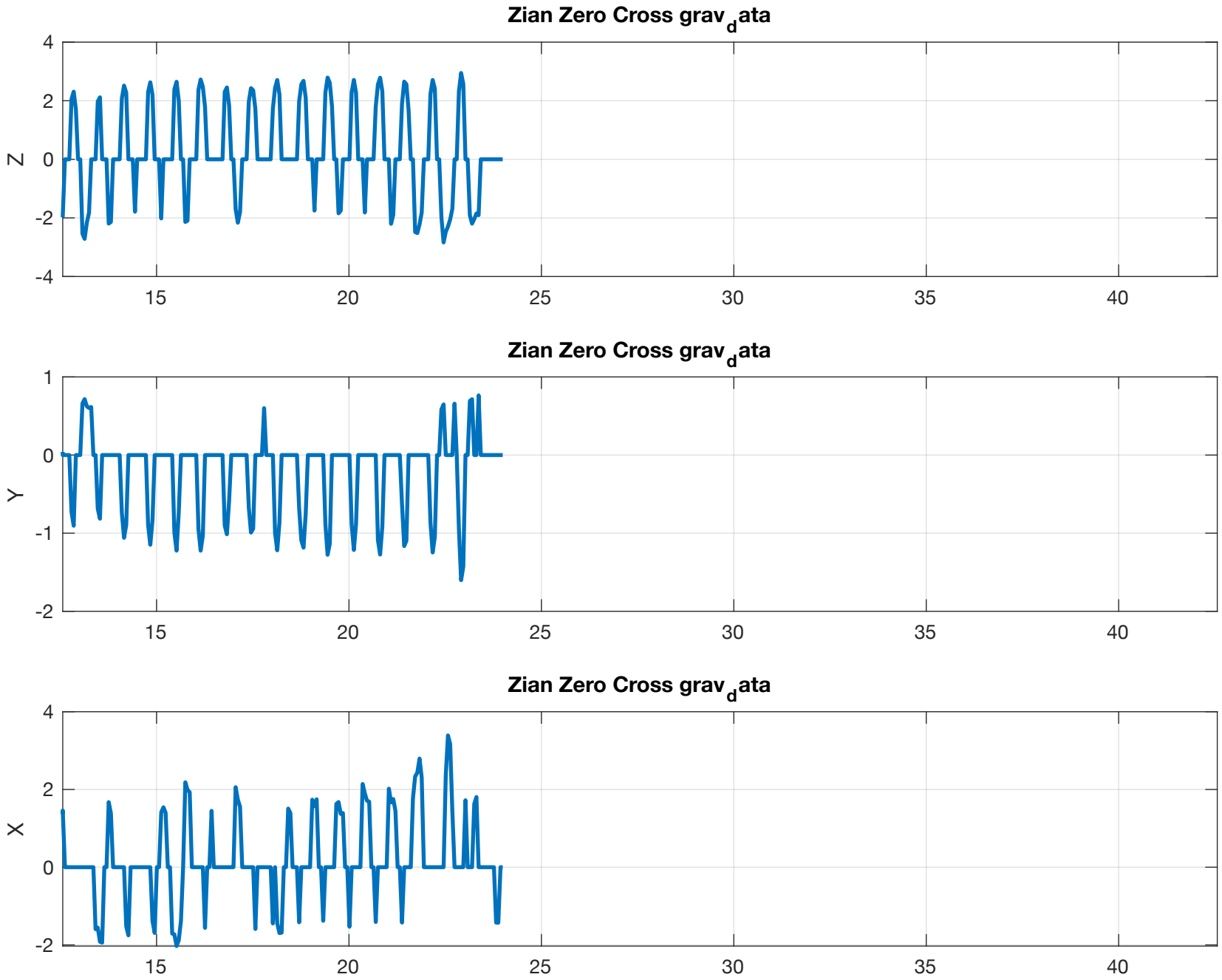
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	15.000	18.000	32.000	25.750	"bar_data"
"Pressure"	14.000	16.000	32.000	25.750	"bar_data"


Zian gyro_data
Z
6
4
2
0
-2
-4
15
20
25
30
35
40
Zian gyro_data
Y
5
0
-5
15
20
25
30
35
40
Zian gyro_data
X
5
0
-5
15
20
25
30
35
40

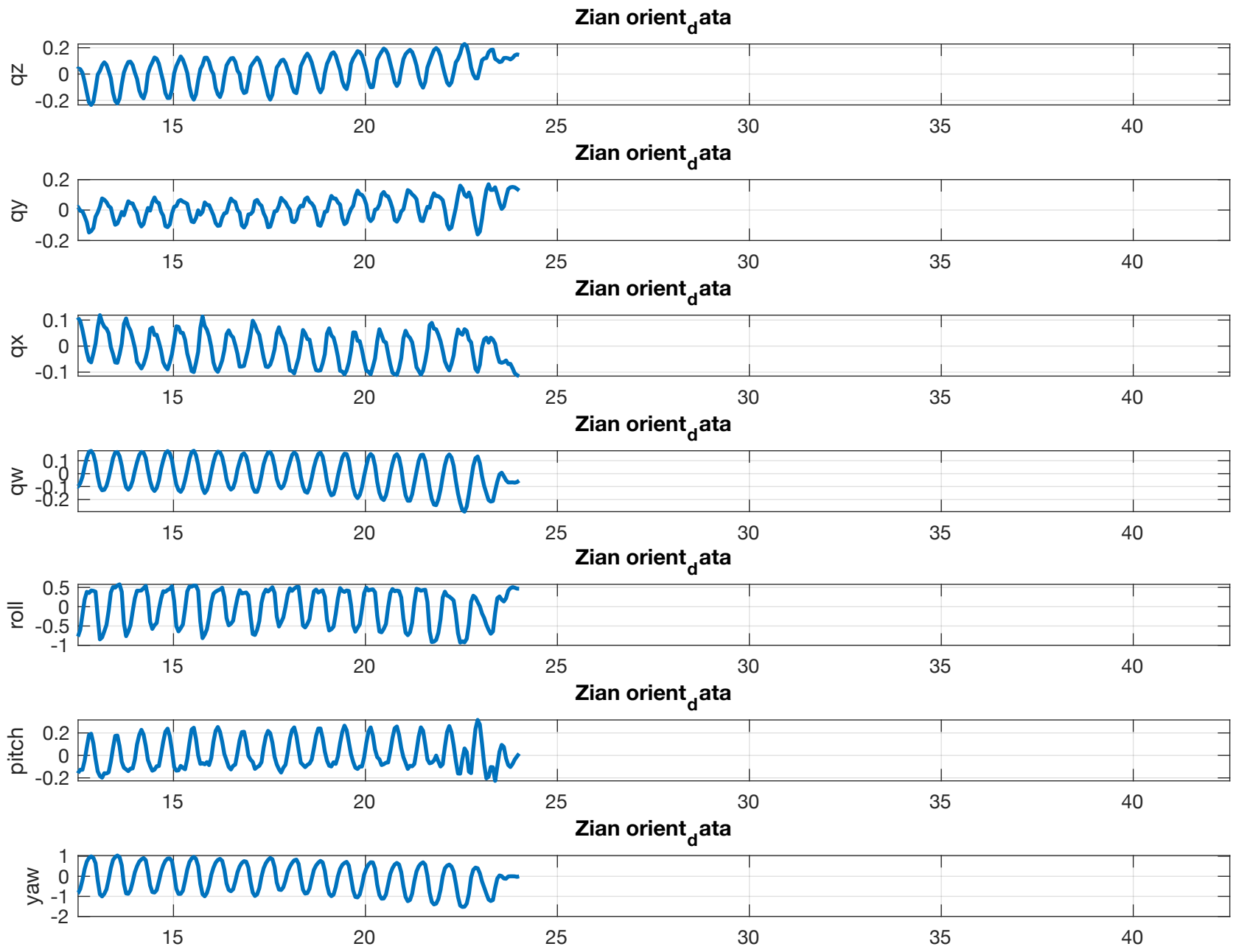

Zian Zero Cross gyro_data
Z
6
4
2
0
-2
-4
15
20
25
30
35
40
Zian Zero Cross gyro_data
Y
5
0
-5
15
20
25
30
35
40
Zian Zero Cross gyro_data
X
5
0
-5
15
20
25
30
35
40

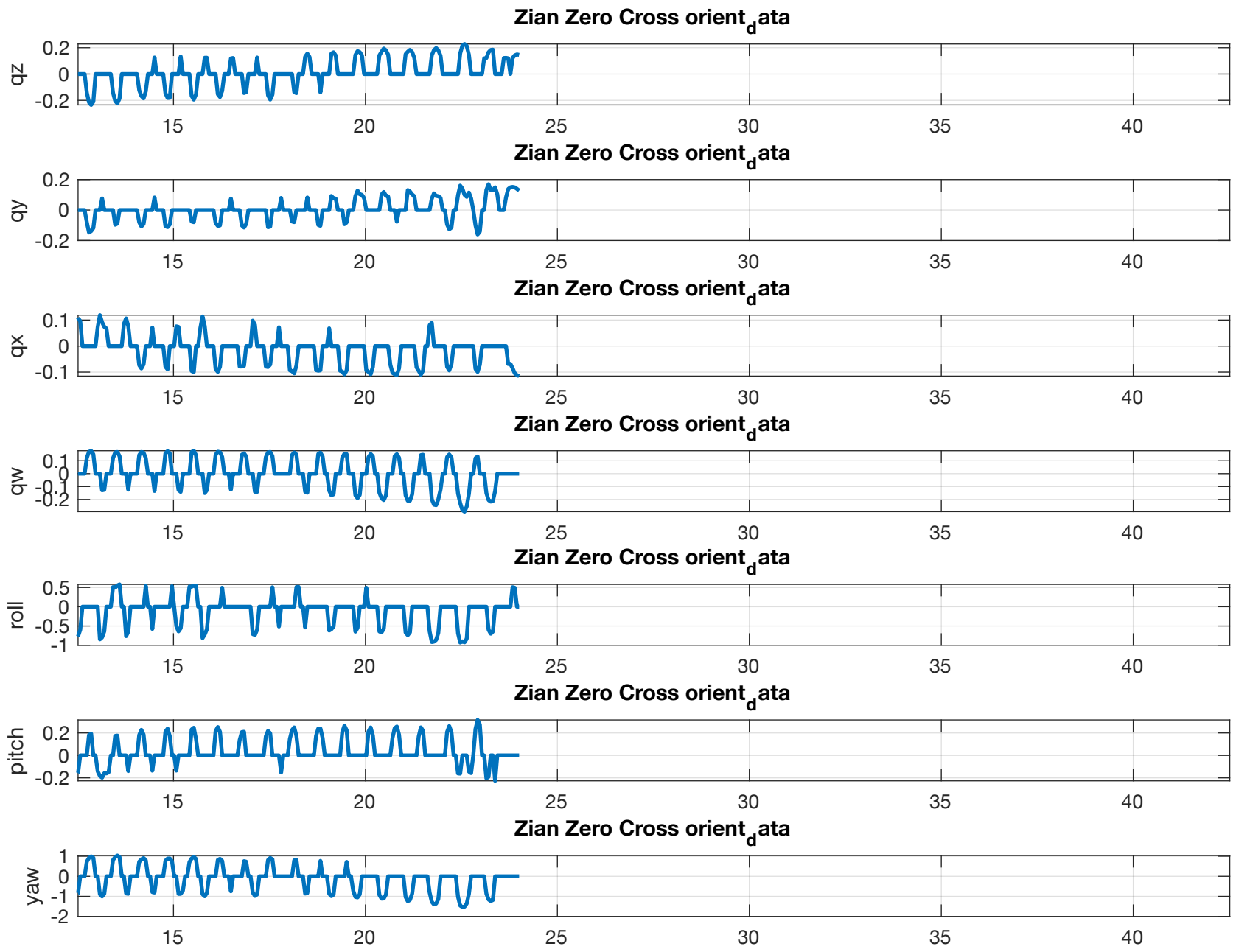
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-11.000	-1.000	19.000	18.500	"gyro_data"
'Y'	-34.000	-7.000	19.000	8.000	"gyro_data"
'X'	10.000	16.000	32.000	19.500	"gyro_data"


Zian grav_data
Z
4
2
0
-2
-4
15
20
25
30
35
40
Zian grav_data
Y
1
0
-1
-2
15
20
25
30
35
40
Zian grav_data
X
4
2
0
-2
15
20
25
30
35
40


Zian Zero Cross grav_data
Z
4
2
0
-2
-4
15
20
25
30
35
40
Zian Zero Cross grav_data
Y
1
0
-1
-2
15
20
25
30
35
40
Zian Zero Cross grav_data
X
4
2
0
-2
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	16.000	19.000	33.000	20.500	"grav_data"
'Y'	1.000	1.000	28.000	24.500	"grav_data"
'X'	-2.000	11.000	25.000	21.000	"grav_data"


Zian orientdata
qz
0.2
0
-0.2
15
20
25
30
35
40
Zian orientdata
qy
0.2
0
-0.2
15
20
25
30
35
40
Zian orientdata
qx
0.1
0
-0.1
15
20
25
30
35
40
Zian orientdata
qw
0.1
0
-0.1
-0.2
15
20
25
30
35
40
Zian orientdata
roll
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian orientdata
pitch
0.2
0
-0.2
15
20
25
30
35
40
Zian orientdata
yaw
1
0
-1
-2
15
20
25
30
35
40


Zian Zero Cross orientdata
qz
0.2
0
-0.2
15
20
25
30
35
40
Zian Zero Cross orientdata
qy
0.2
0
-0.2
15
20
25
30
35
40
Zian Zero Cross orientdata
qx
0.1
0
-0.1
15
20
25
30
35
40
Zian Zero Cross orientdata
qw
0.1
0
-0.1
-0.2
15
20
25
30
35
40
Zian Zero Cross orientdata
roll
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian Zero Cross orientdata
pitch
0.2
0
-0.2
15
20
25
30
35
40
Zian Zero Cross orientdata
yaw
1
0
-1
-2
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	17.000	17.000	36.000	25.750	"orient_data"
'qy'	5.000	14.000	29.000	22.750	"orient_data"
'qx'	14.000	16.000	33.000	24.750	"orient_data"
'qw'	17.000	18.000	36.000	22.000	"orient_data"
'roll'	0.000	1.000	26.000	23.000	"orient_data"
'pitch'	3.000	17.000	26.000	22.500	"orient_data"
'yaw'	17.000	18.000	35.000	22.500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'findpeaks_above_zero'	4.000
'bar_data'	"Pressure"	'findpeaks'	14.000
'gyro_data'	"Z"	'findpeaks_above_zero'	1.000
'grav_data'	"Y"	'findpeaks'	1.000
'orient_data'	"roll"	'findpeaks'	0.000