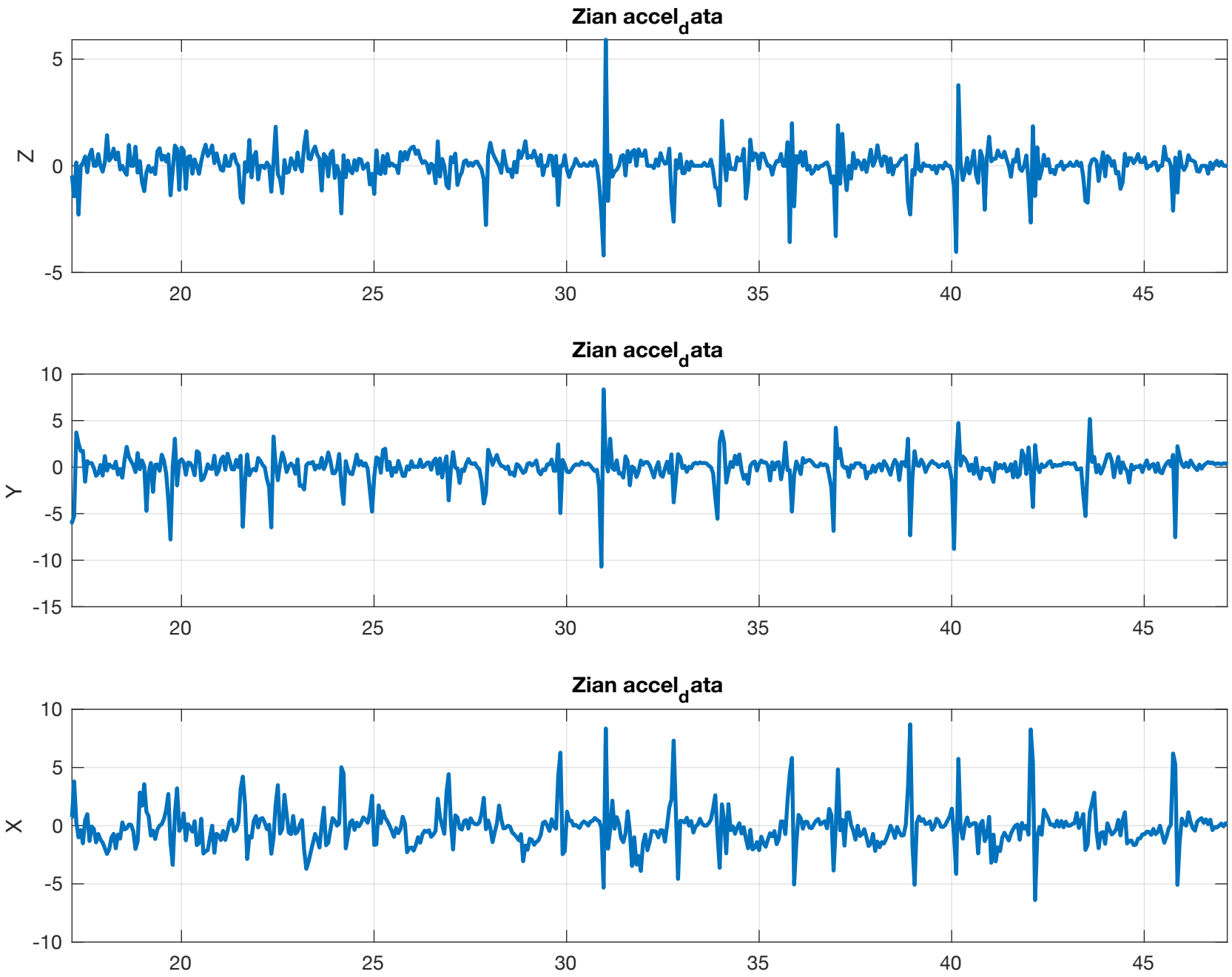
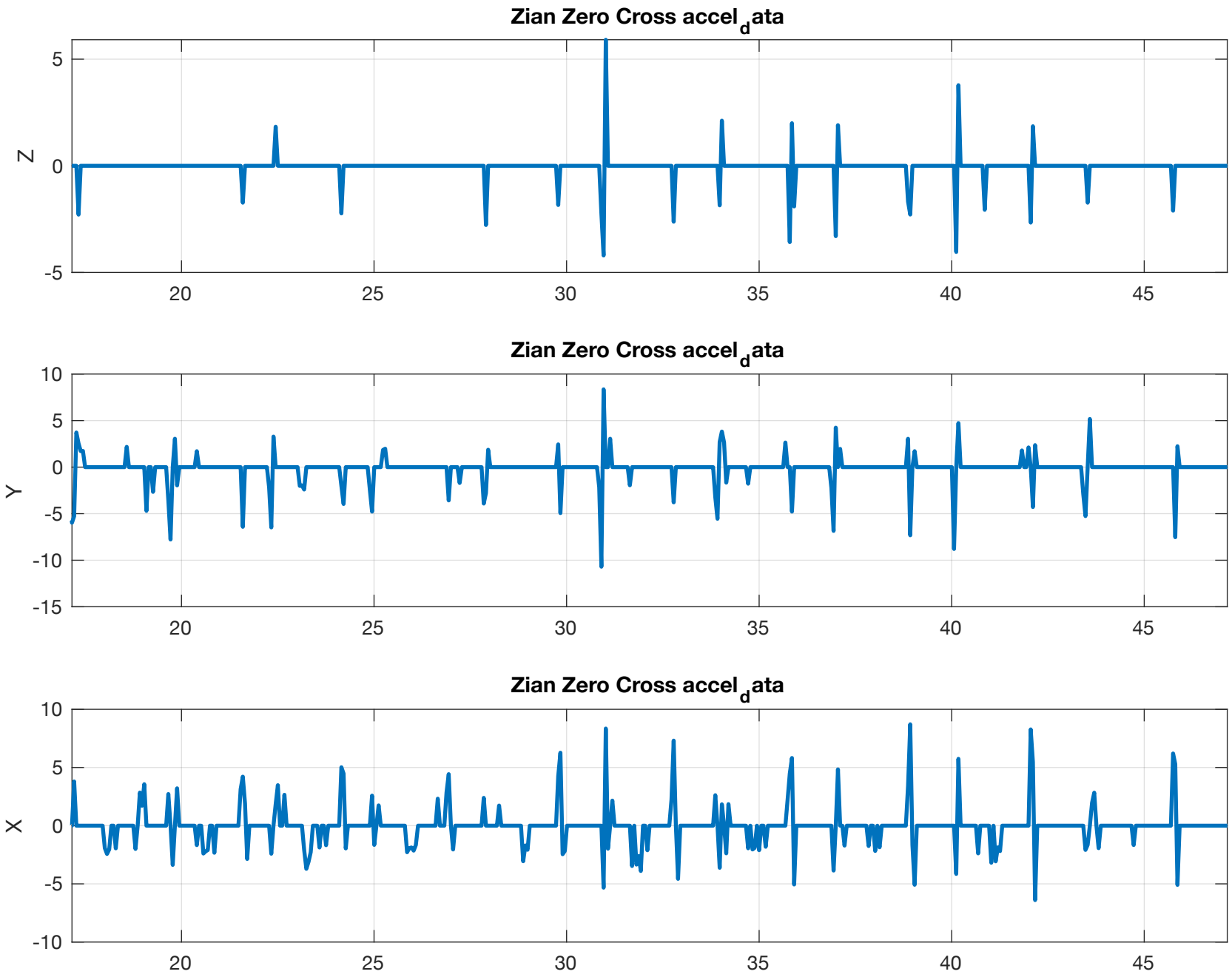
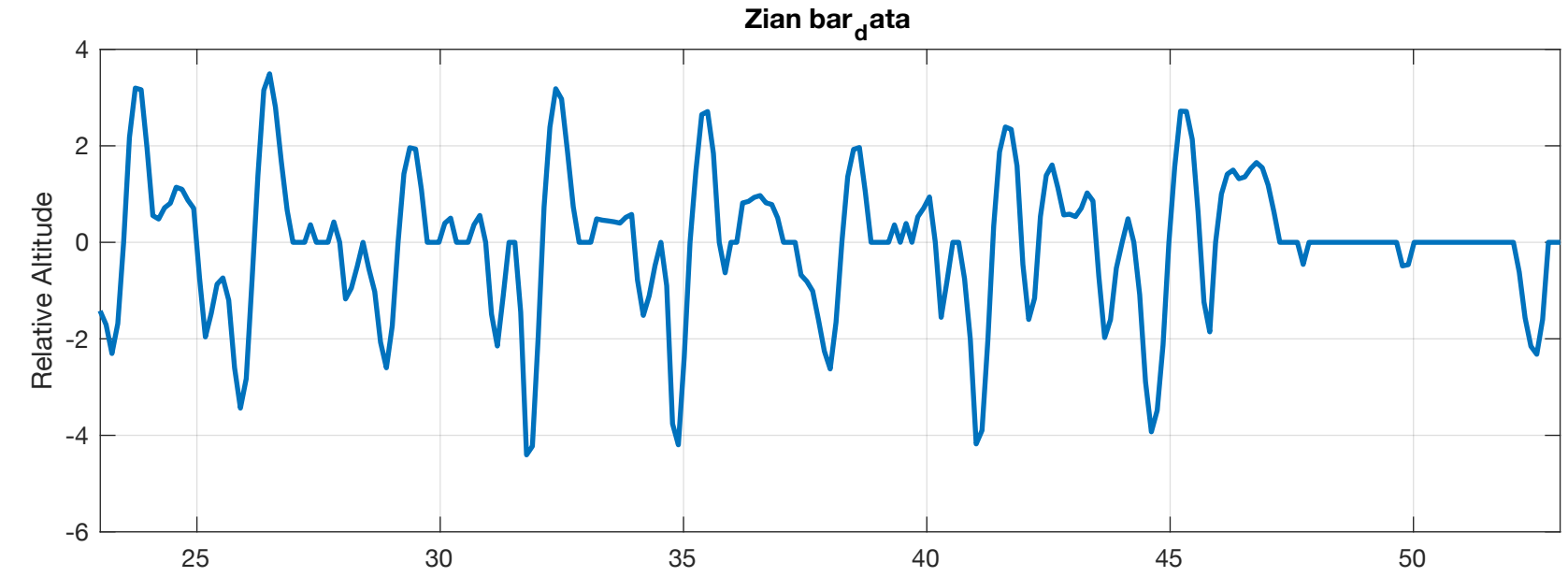
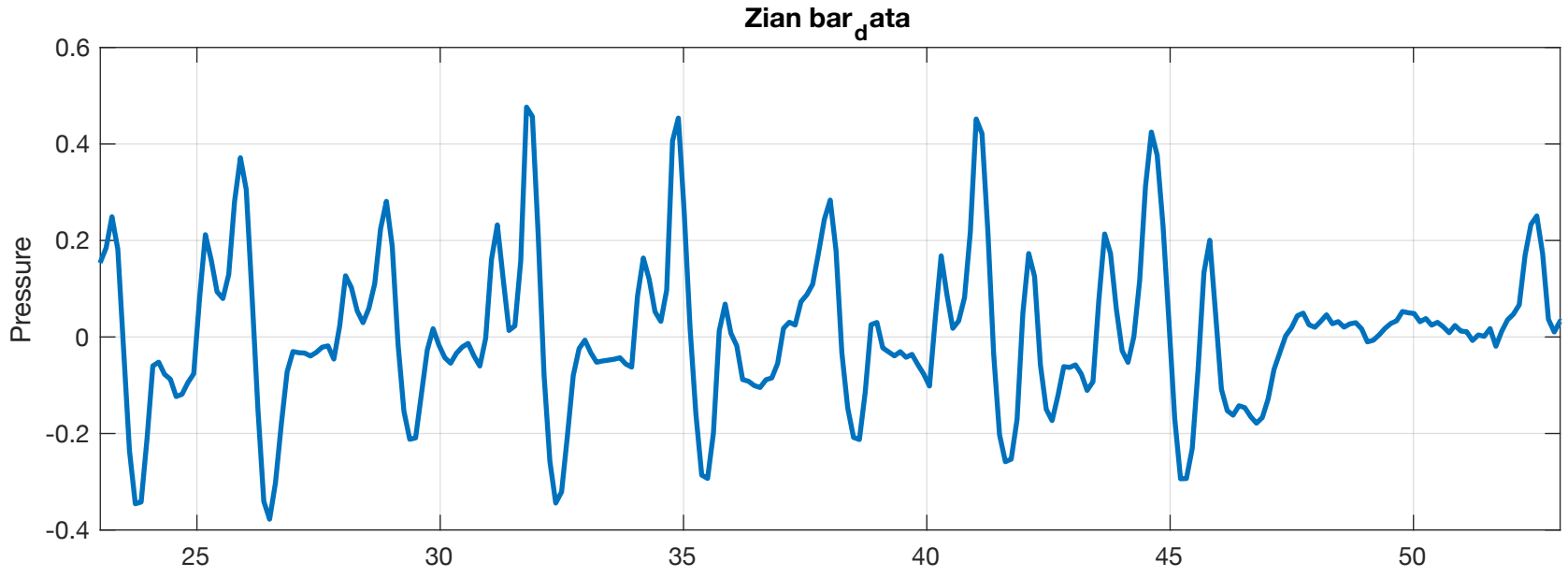
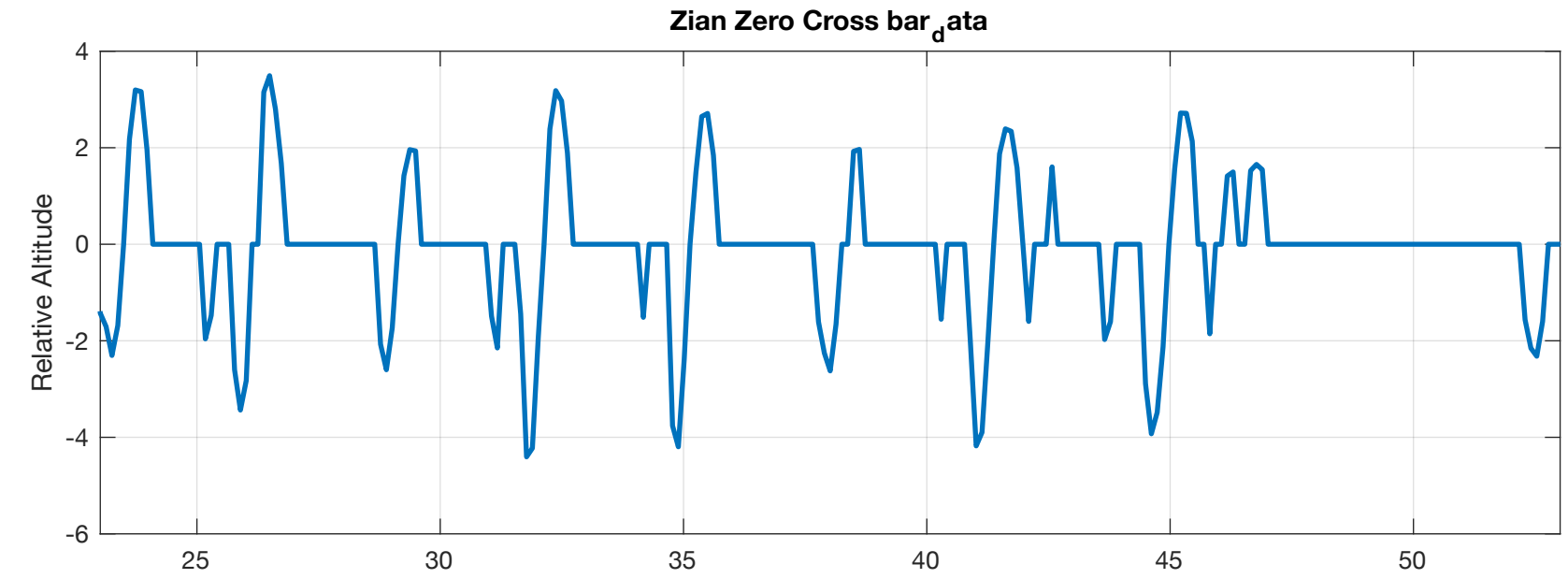

Zian accel_data
Z
5
0
-5
20
25
30
35
40
45
Zian accel_data
Y
10
5
0
-5
-10
-15
20
25
30
35
40
45
Zian accel_data
X
10
5
0
-5
-10
20
25
30
35
40
45

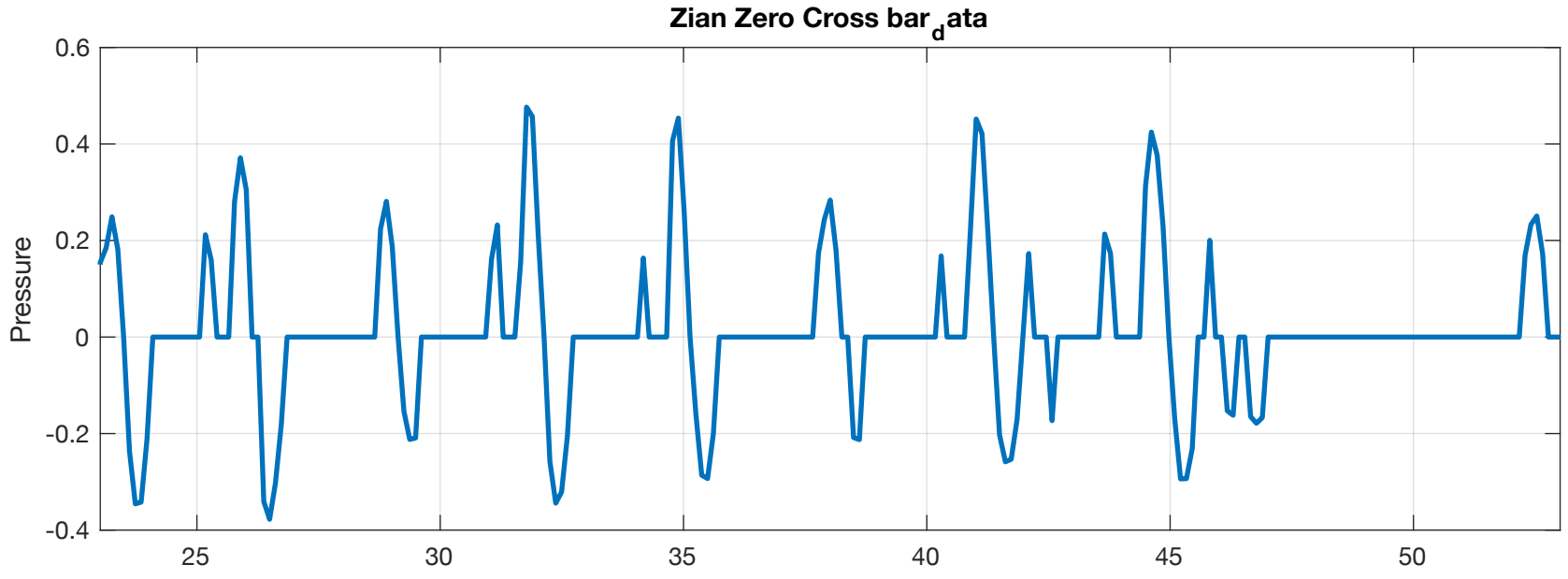

Zian Zero Cross accel_data
Z
5
0
-5
20
25
30
35
40
45
Zian Zero Cross accel_data
Y
10
5
0
-5
-10
-15
20
25
30
35
40
45
Zian Zero Cross accel_data
X
10
5
0
-5
-10
20
25
30
35
40
45

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-314.000	-268.000	-87.000	-32.000	"accel_data"
'Y'	-370.000	-333.000	-101.000	-40.000	"accel_data"
'X'	-345.000	-273.000	-91.000	-65.000	"accel_data"

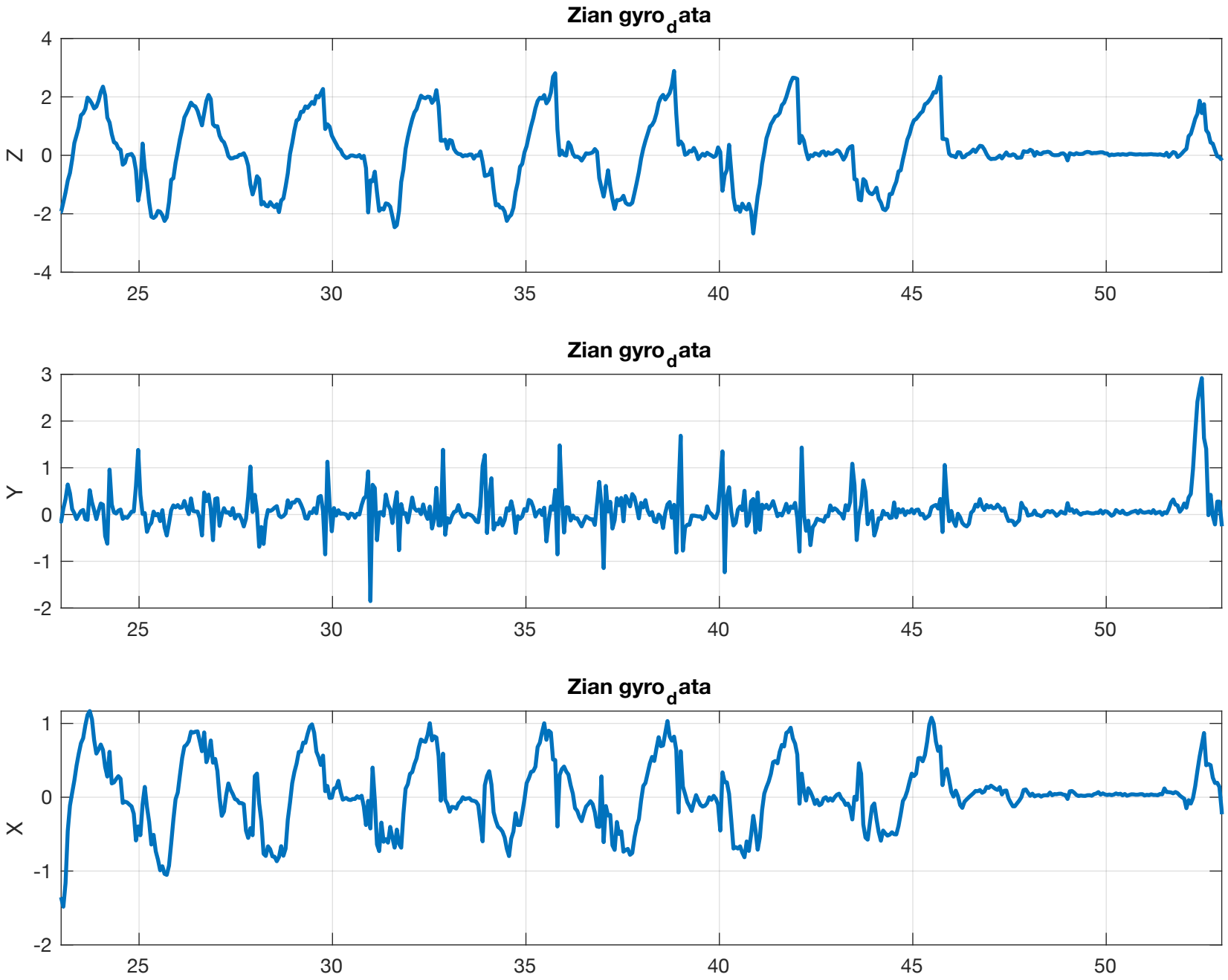

Zian bar_data
Relative Altitude
4
2
0
-2
-4
-6
25
30
35
40
45
50

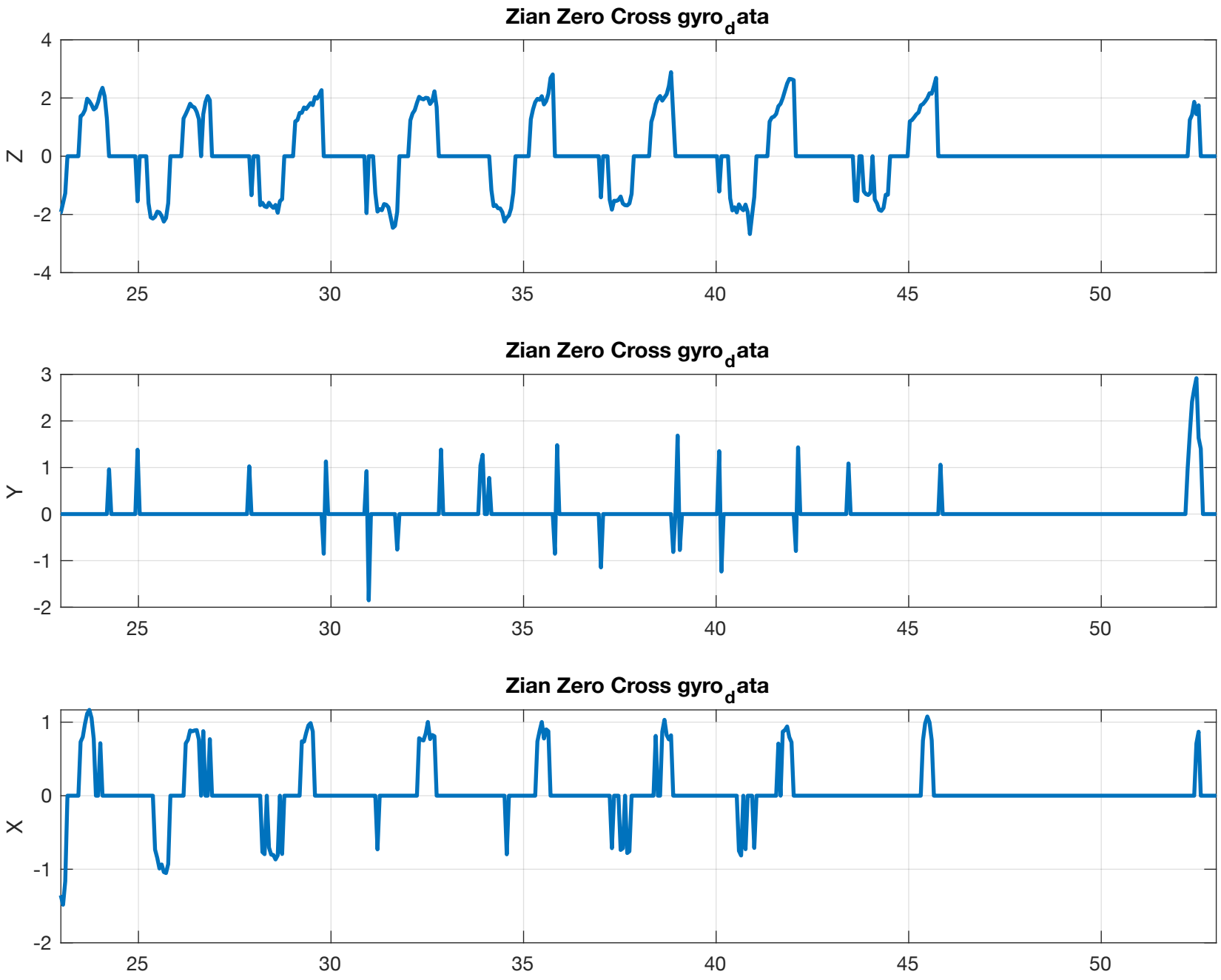

Zian bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
25
30
35
40
45
50


Zian Zero Cross bar_data
Relative Altitude
4
2
0
-2
-4
-6
25
30
35
40
45
50

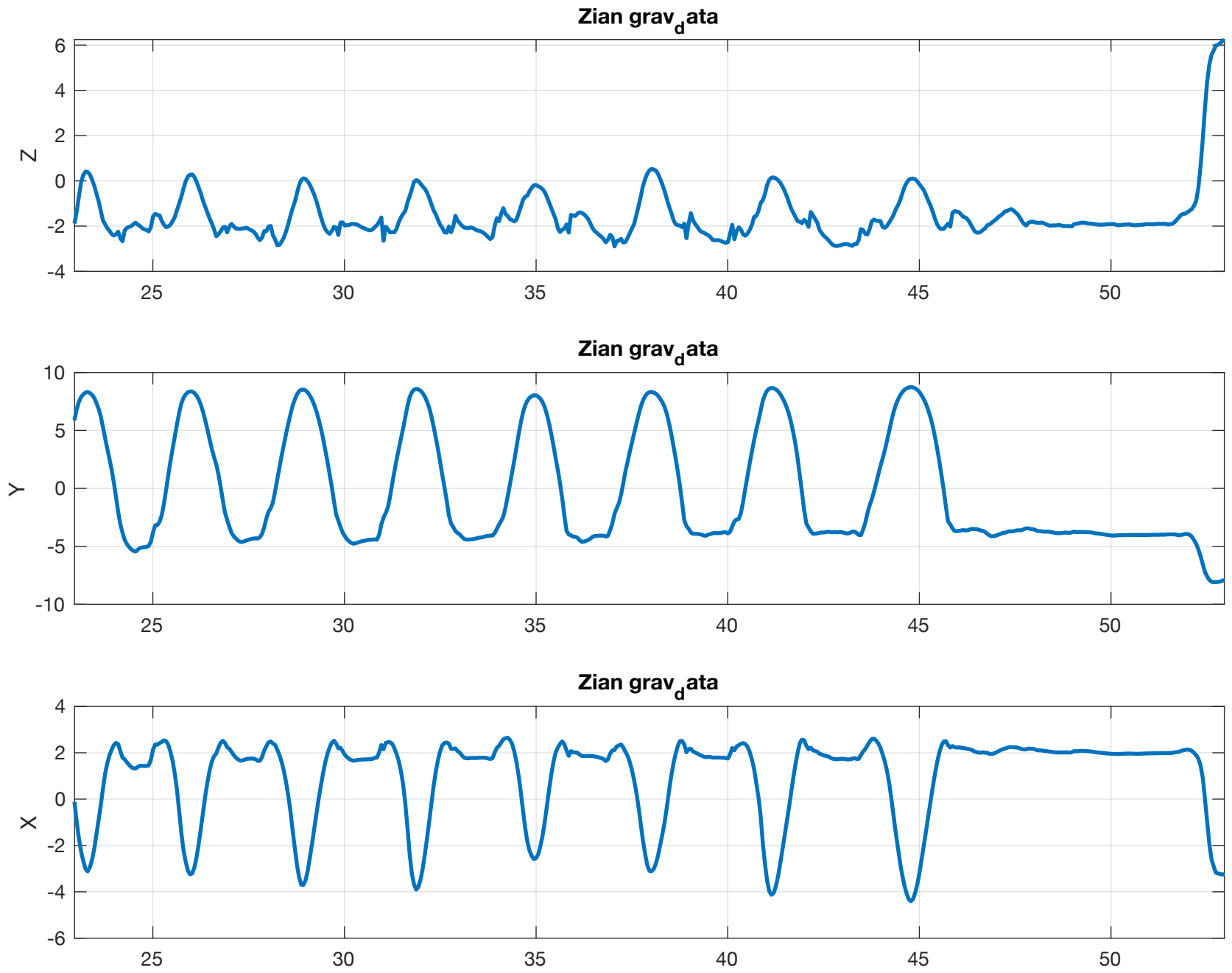

Zian Zero Cross bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
25
30
35
40
45
50

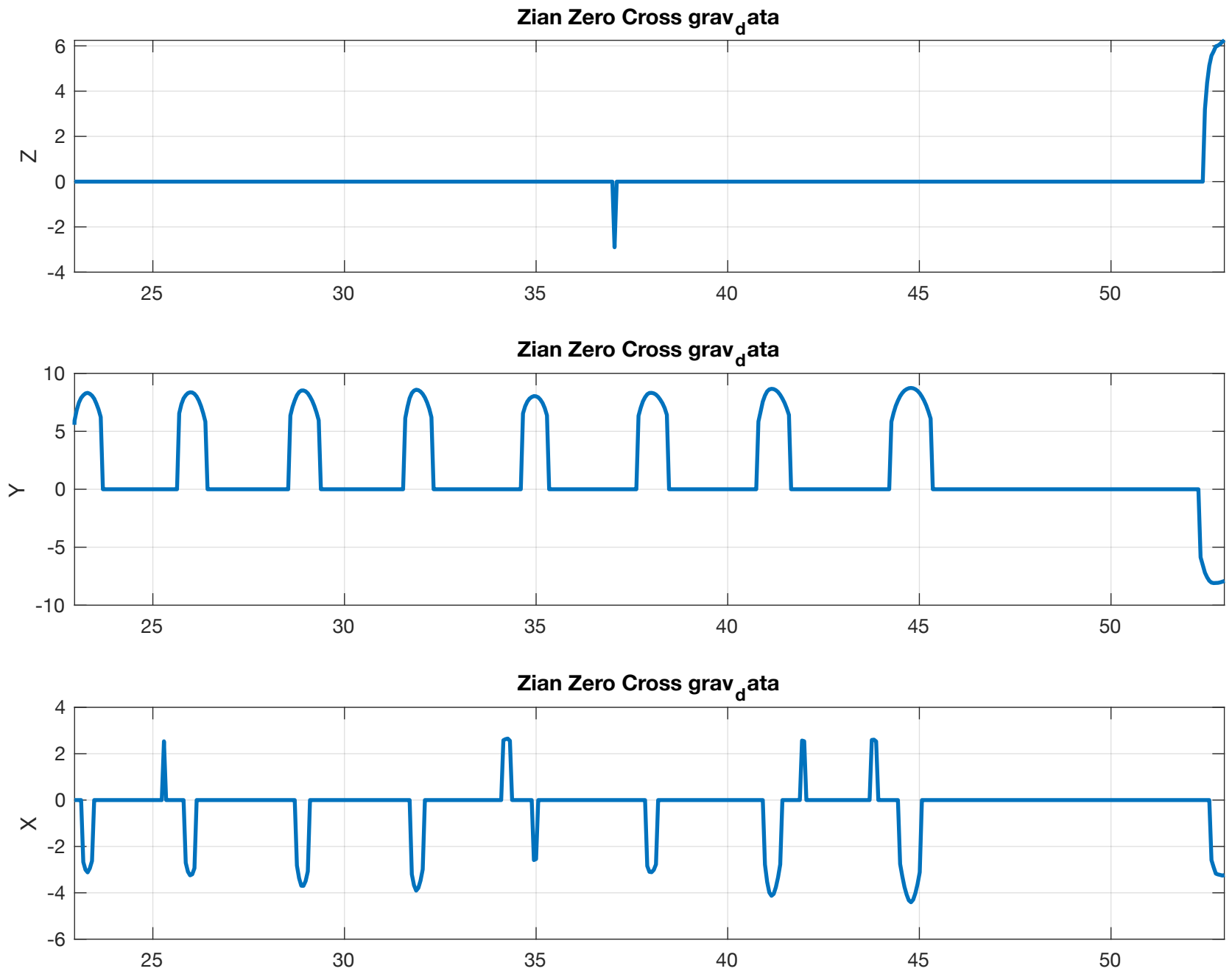
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-44.000	-31.000	-9.000	-10.750	"bar_data"
"Pressure"	-85.000	-57.000	-13.000	-10.750	"bar_data"


Zian gyro_data
Z
4
2
0
-2
-4
25
30
35
40
45
50
Zian gyro_data
Y
3
2
1
0
-1
-2
25
30
35
40
45
50
Zian gyro_data
X
1
0
-1
-2
25
30
35
40
45
50

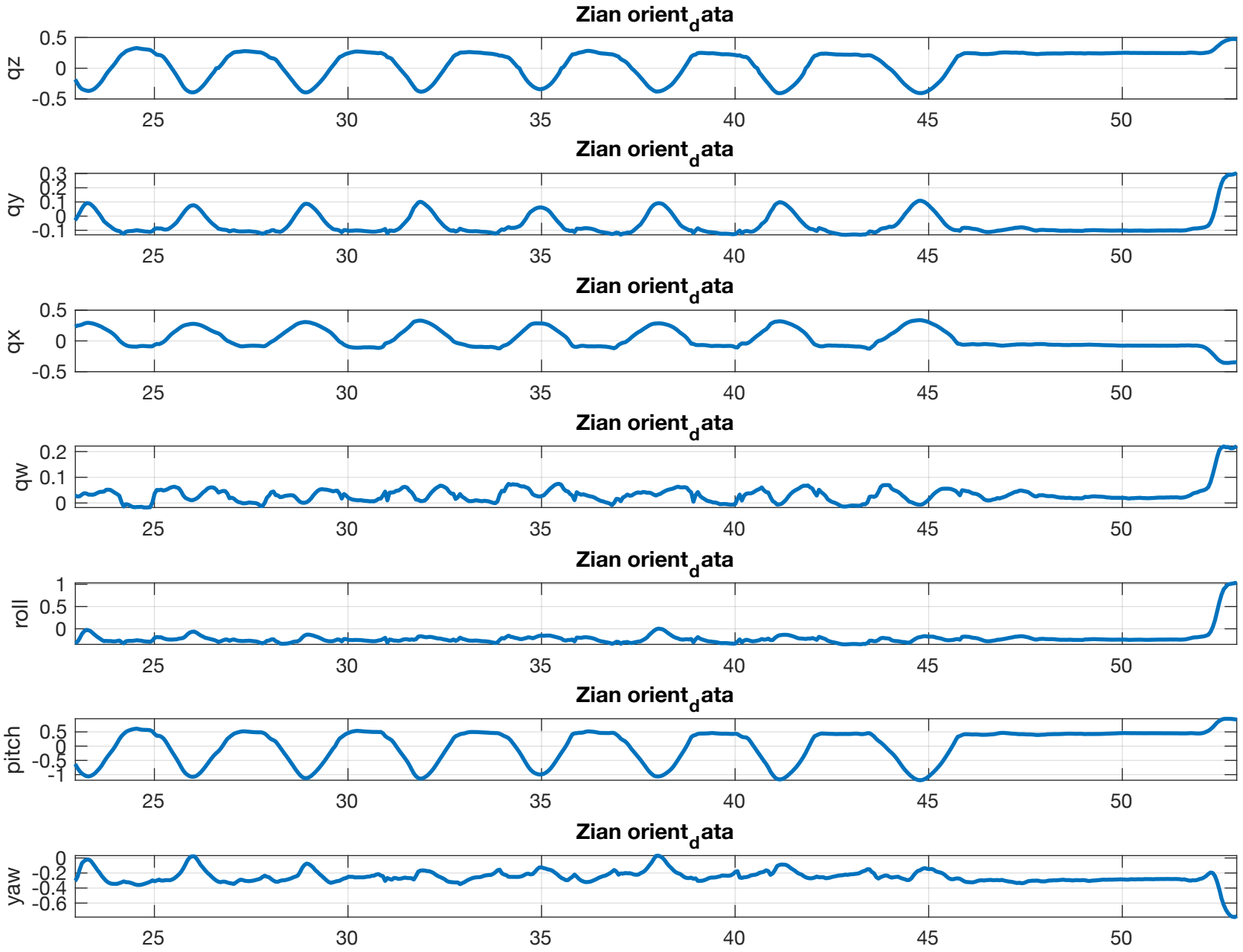

Zian Zero Cross gyro_data
Z
4
2
0
-2
-4
25
30
35
40
45
50
Zian Zero Cross gyro_data
Y
3
2
1
0
-1
-2
25
30
35
40
45
50
Zian Zero Cross gyro_data
X
1
0
-1
-2
25
30
35
40
45
50

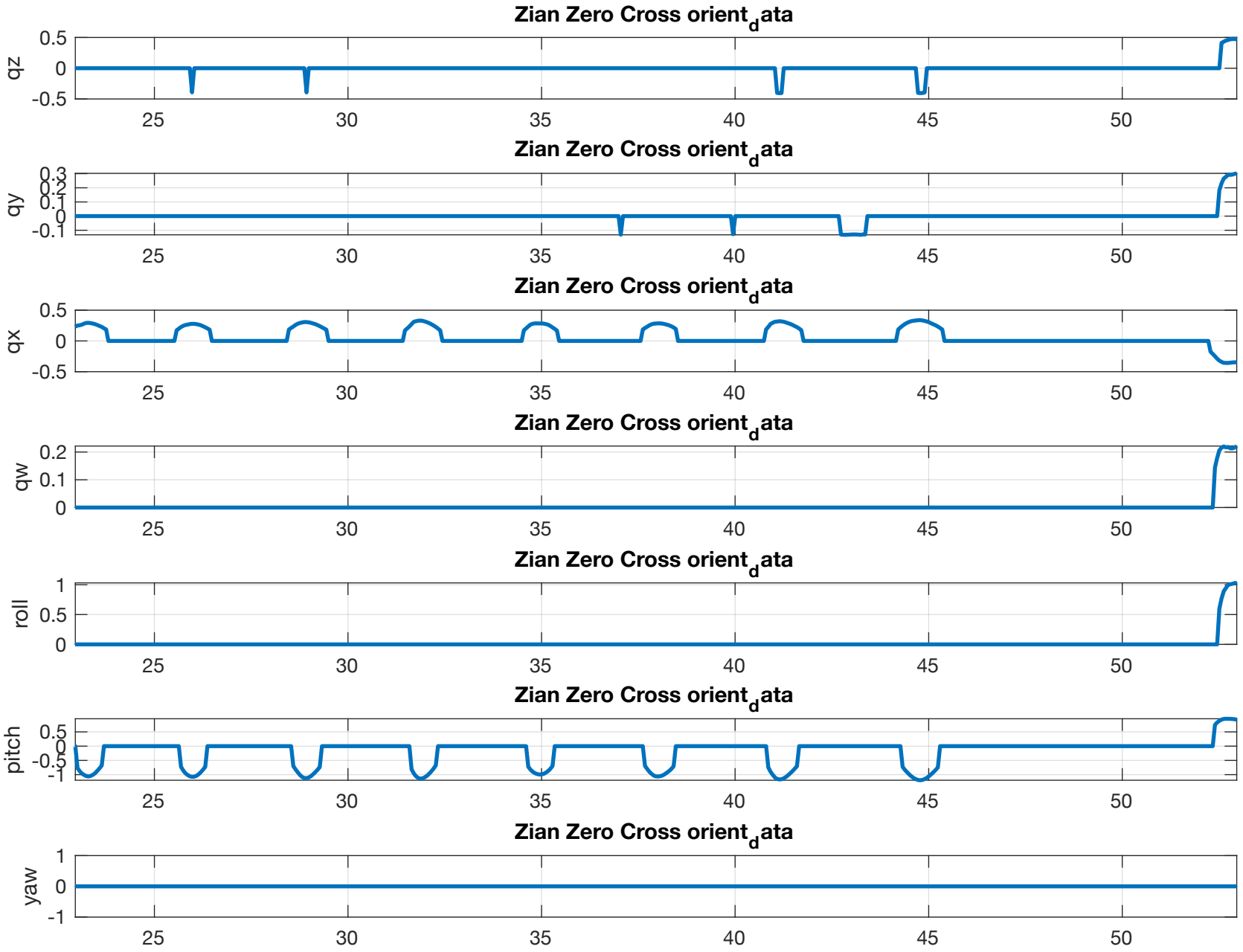
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-204.000	-152.000	-45.000	-14.500	"gyro_data"
'Y'	-308.000	-265.000	-81.000	-32.750	"gyro_data"
'X'	-243.000	-177.000	-53.000	-27.250	"gyro_data"


Zian grav_data
Z
6
4
2
0
-2
-4
25
30
35
40
45
50
Zian grav_data
Y
10
5
0
-5
-10
25
30
35
40
45
50
Zian grav_data
X
4
2
0
-2
-4
-6
25
30
35
40
45
50


Zian Zero Cross grav_data
Z
6
4
2
0
-2
-4
25
30
35
40
45
50
Zian Zero Cross grav_data
Y
10
5
0
-5
-10
25
30
35
40
45
50
Zian Zero Cross grav_data
X
4
2
0
-2
-4
-6
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-126.000	-39.000	-10.000	8.250	"grav_data"
'Y'	-79.000	-32.000	-7.000	0.750	"grav_data"
'X'	-100.000	-66.000	-8.000	-3.250	"grav_data"


Zian orientdata
qz
0.5
0
-0.5
25
30
35
40
45
50
Zian orientdata
qy
0.3
0.2
0.1
0
-0.1
25
30
35
40
45
50
Zian orientdata
qx
0.5
0
-0.5
25
30
35
40
45
50
Zian orientdata
qw
0.2
0.1
0
25
30
35
40
45
50
Zian orientdata
roll
1
0.5
0
25
30
35
40
45
50
Zian orientdata
pitch
0.5
0
-0.5
-1
25
30
35
40
45
50
Zian orientdata
yaw
0
-0.2
-0.4
-0.6
25
30
35
40
45
50


Zian Zero Cross orientdata
qz
0.5
0
-0.5
25
30
35
40
45
50
Zian Zero Cross orientdata
qy
0.3
0.2
0.1
0
-0.1
25
30
35
40
45
50
Zian Zero Cross orientdata
qx
0.5
0
-0.5
25
30
35
40
45
50
Zian Zero Cross orientdata
qw
0.2
0.1
0
25
30
35
40
45
50
Zian Zero Cross orientdata
roll
1
0.5
0
25
30
35
40
45
50
Zian Zero Cross orientdata
pitch
0.5
0
-0.5
-1
25
30
35
40
45
50
Zian Zero Cross orientdata
yaw
1
0
-1
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-87.000	-57.000	-5.000	8.250	"orient_data"
'qy'	-117.000	-40.000	-8.000	7.250	"orient_data"
'qx'	-99.000	-25.000	-5.000	0.750	"orient_data"
'qw'	-144.000	-114.000	-22.000	7.250	"orient_data"
'roll'	-142.000	-36.000	-6.000	7.750	"orient_data"
'pitch'	-79.000	-49.000	-4.000	-0.500	"orient_data"
'yaw'	-138.000	-15.000	0.000	8.750	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'zero_cross'	32.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	9.000
'gyro_data'	"Z"	'zero_cross'	14.500
'grav_data'	"Y"	'zero_cross'	0.750
'orient_data'	"yaw"	'double_findpeaks'	0.000