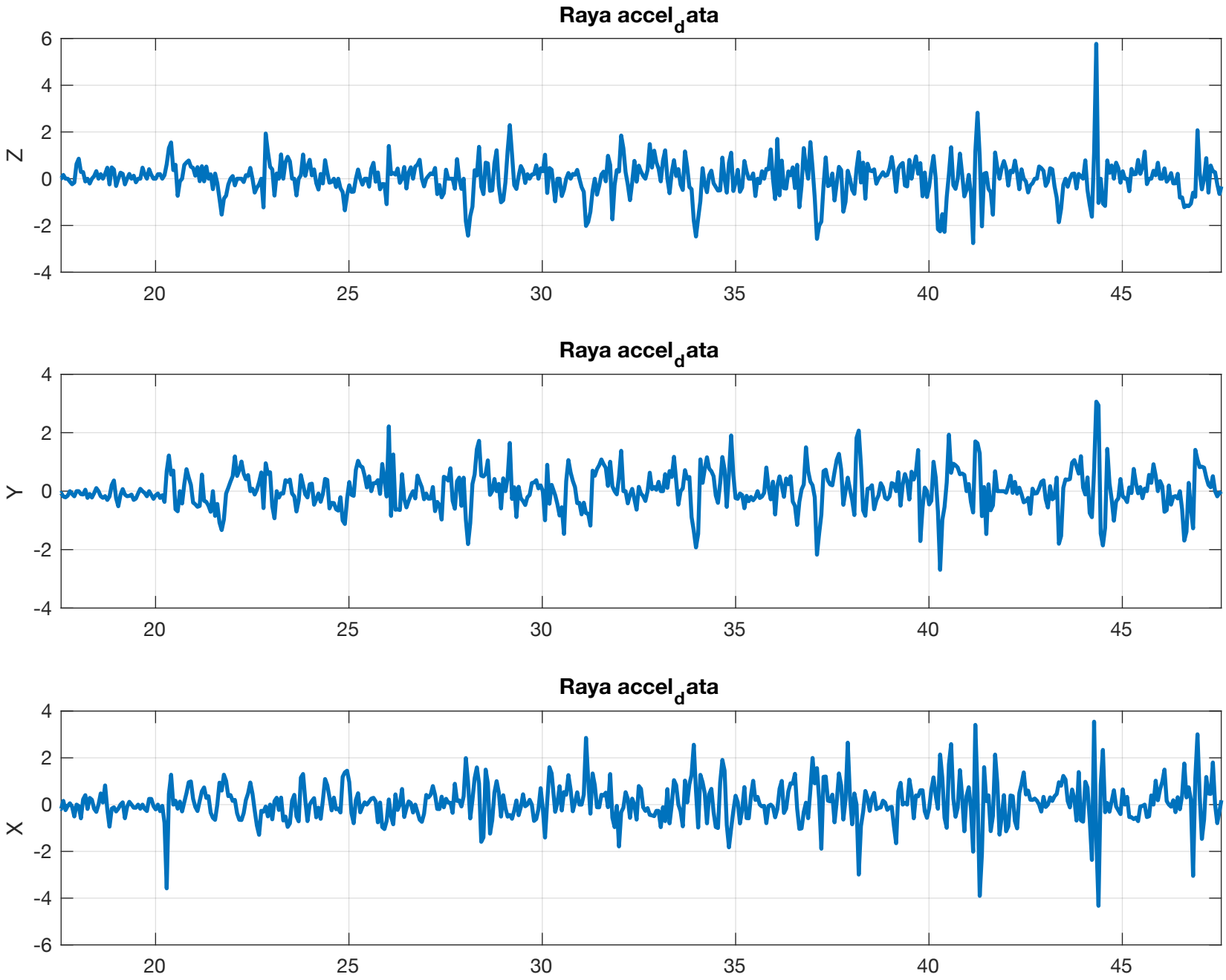
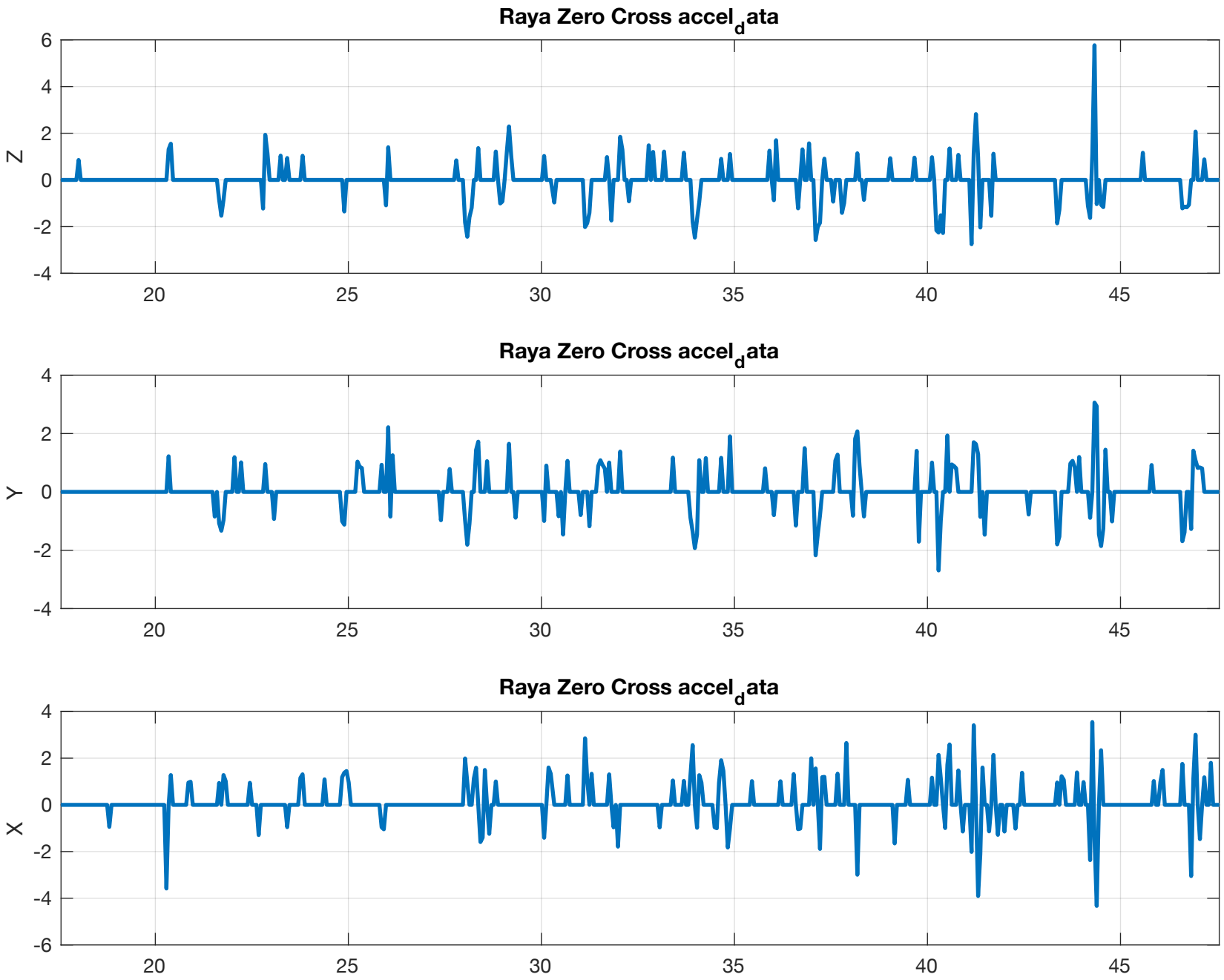
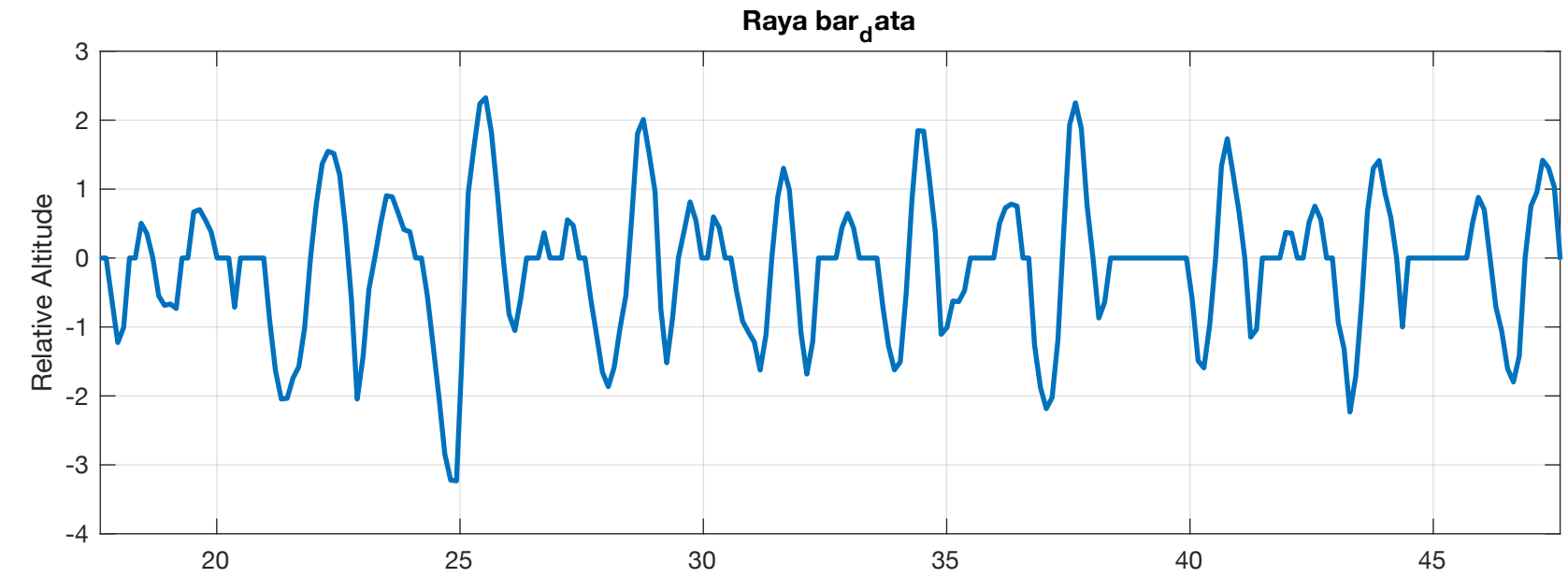
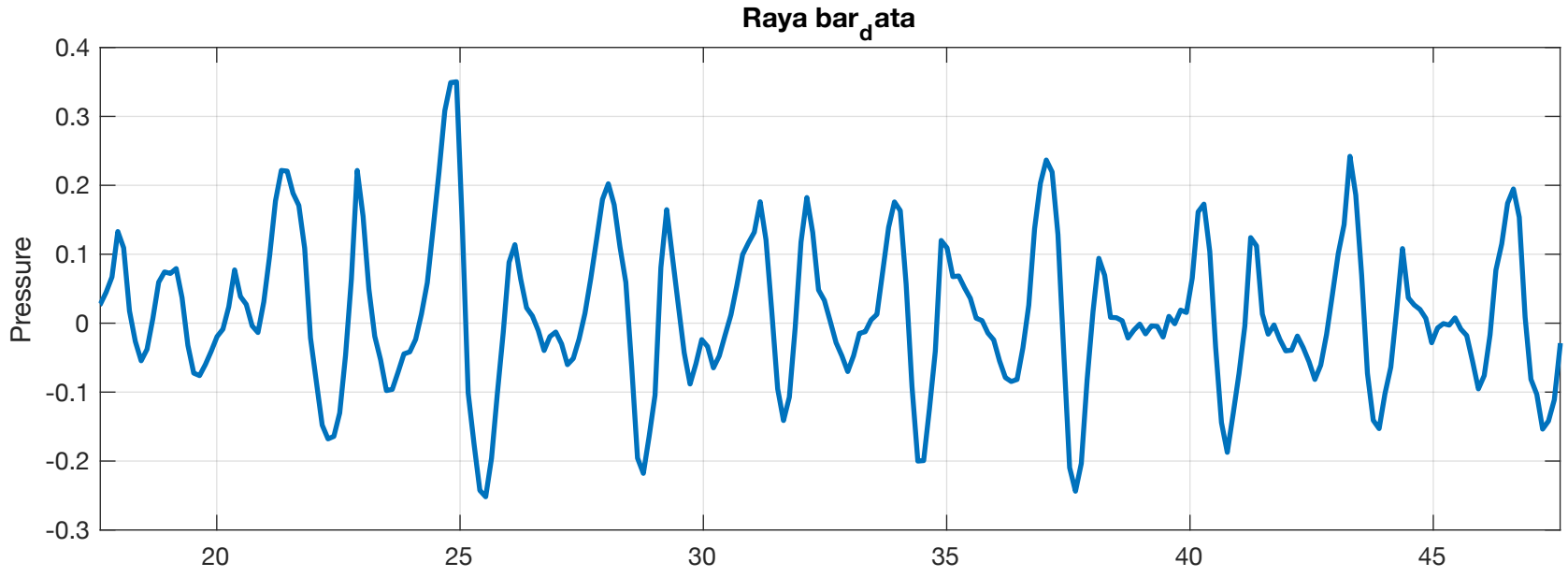
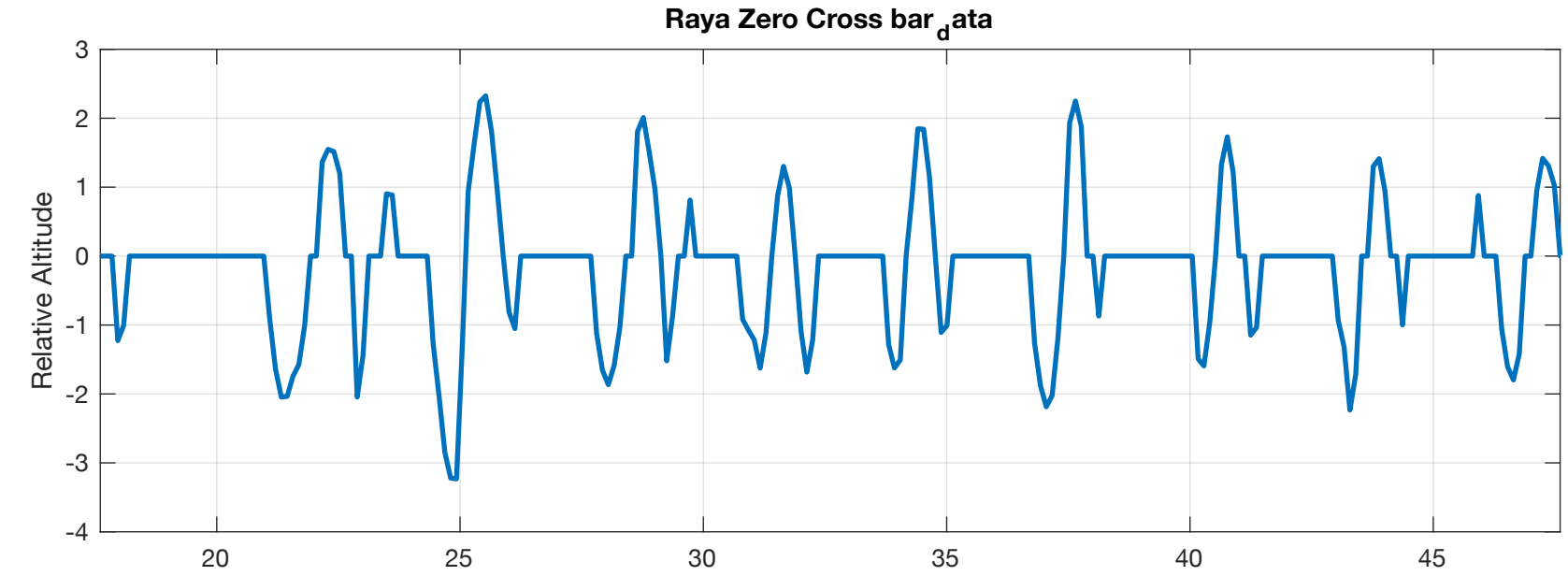

Raya accel_data
Z
6
4
2
0
-2
-4
20
25
30
35
40
45
Raya accel_data
Y
4
2
0
-2
-4
20
25
30
35
40
45
Raya accel_data
X
4
2
0
-2
-4
-6
20
25
30
35
40
45

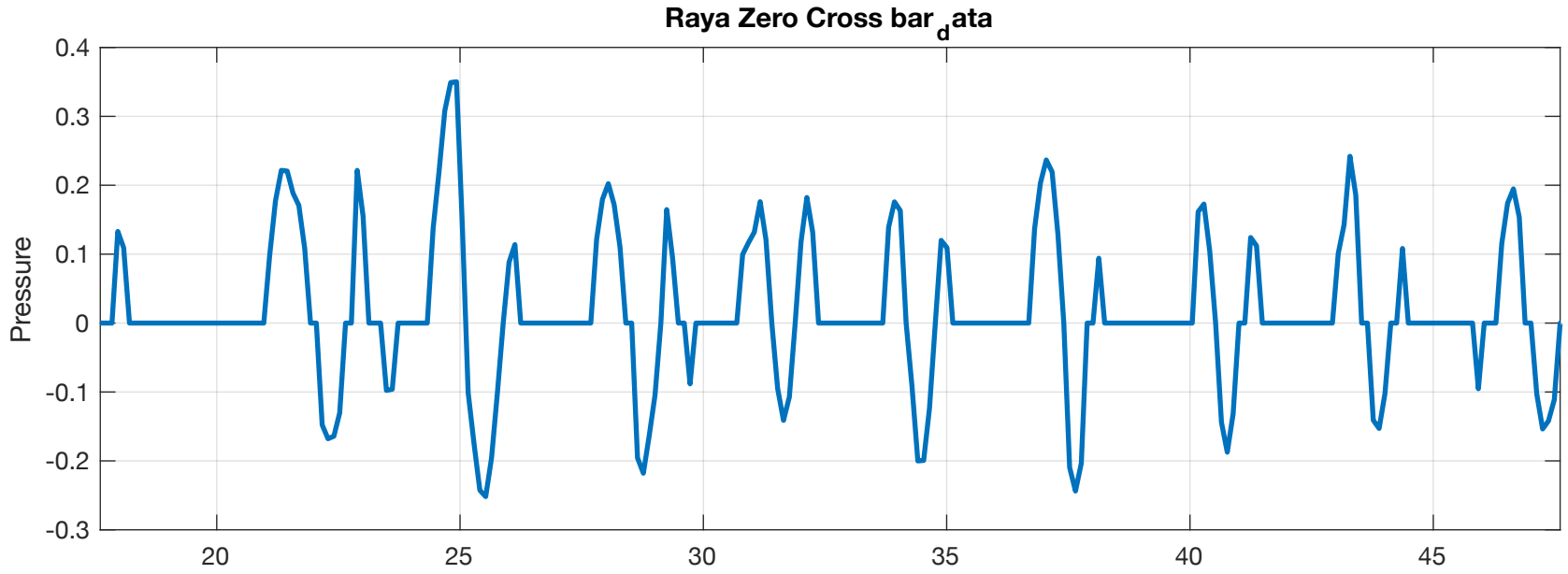

Raya Zero Cross accel_data
Z
6
4
2
0
-2
-4
20
25
30
35
40
45
Raya Zero Cross accel_data
Y
4
2
0
-2
-4
20
25
30
35
40
45
Raya Zero Cross accel_data
X
4
2
0
-2
-4
-6
20
25
30
35
40
45

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-342.000	-295.000	-99.000	-67.000	"accel_data"
'Y'	-358.000	-241.000	-92.000	-63.500	"accel_data"
'X'	-323.000	-255.000	-90.000	-75.000	"accel_data"

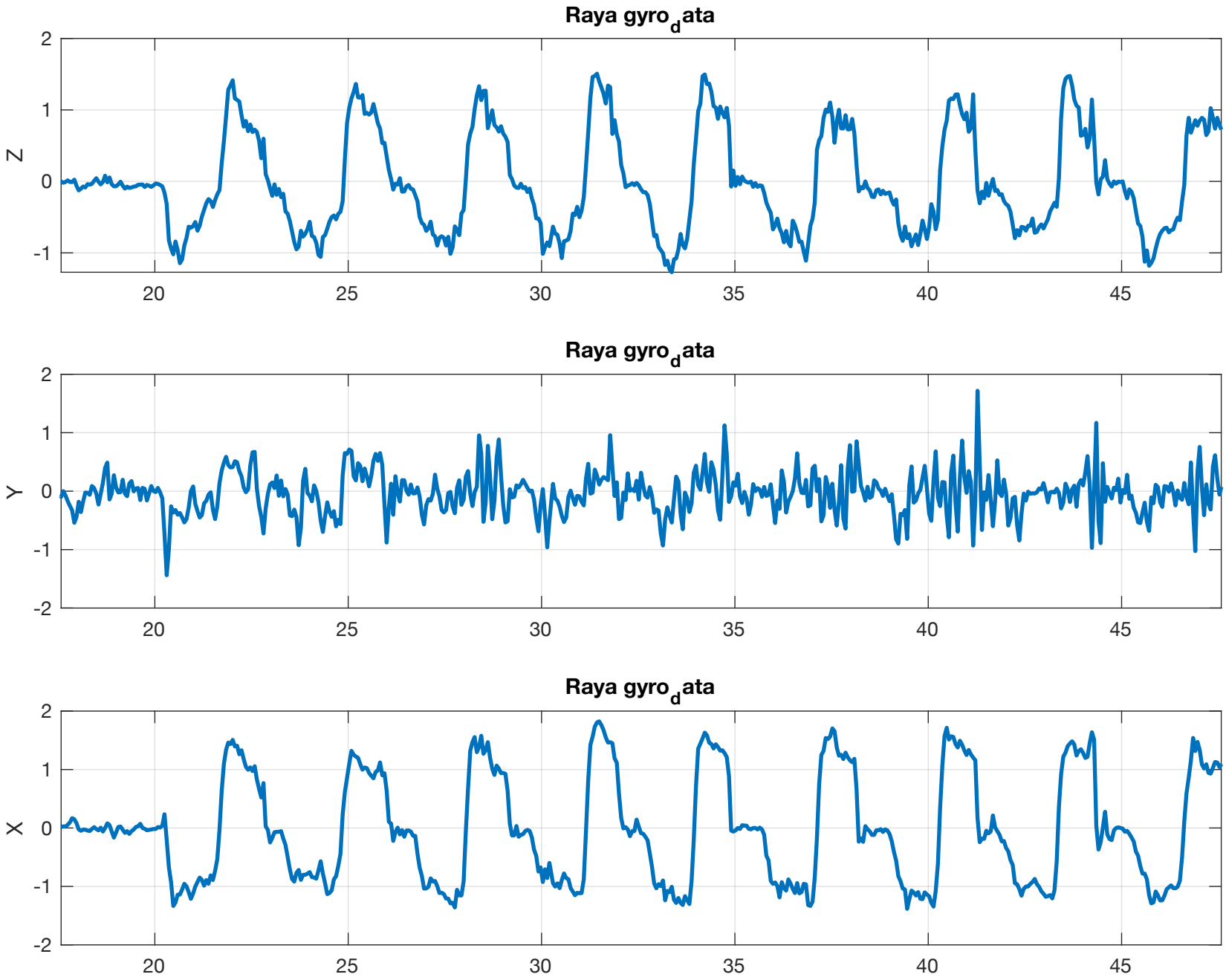

Raya bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
-4
20
25
30
35
40
45

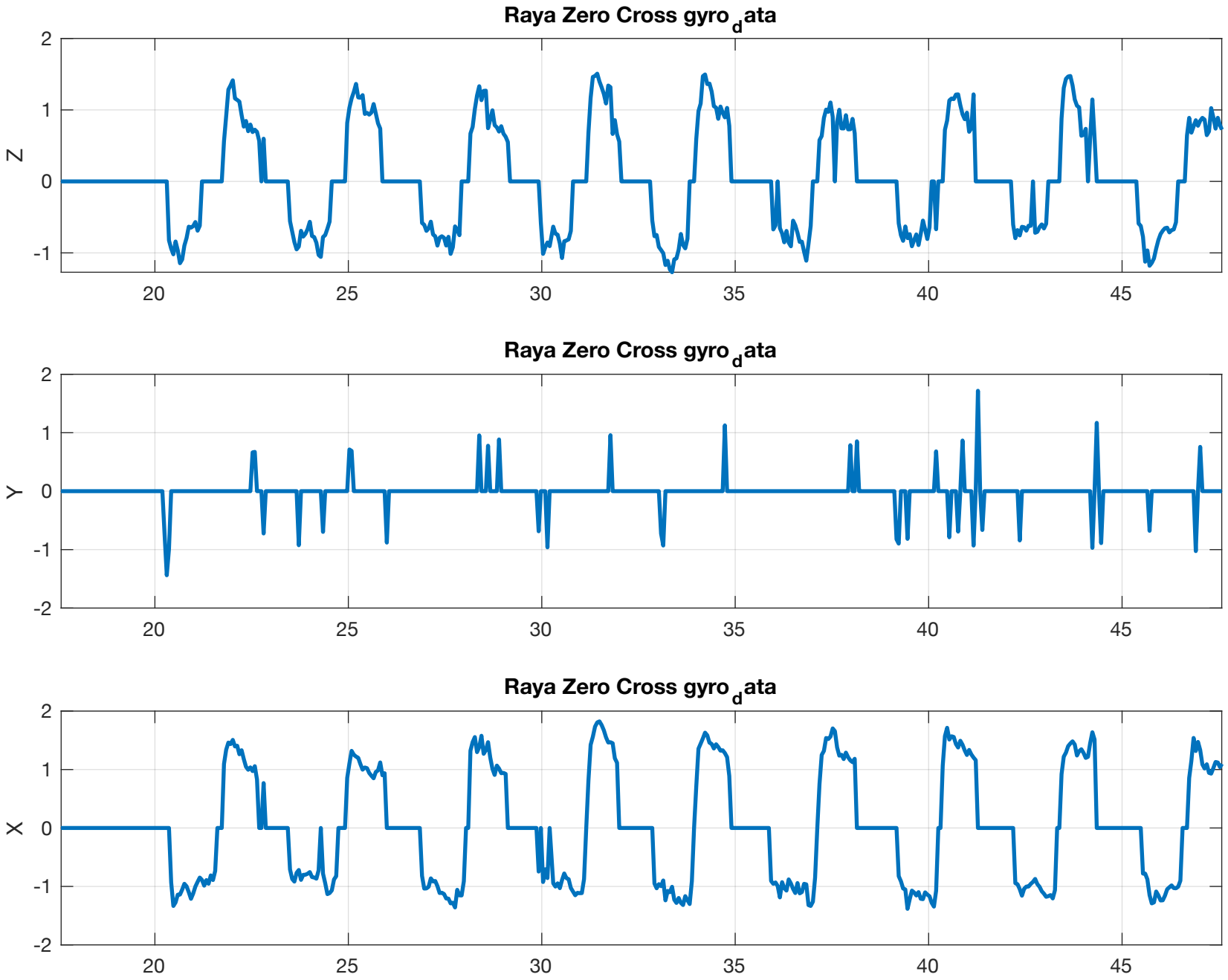

Raya bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
20
25
30
35
40
45


Raya Zero Cross bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
-4
20
25
30
35
40
45

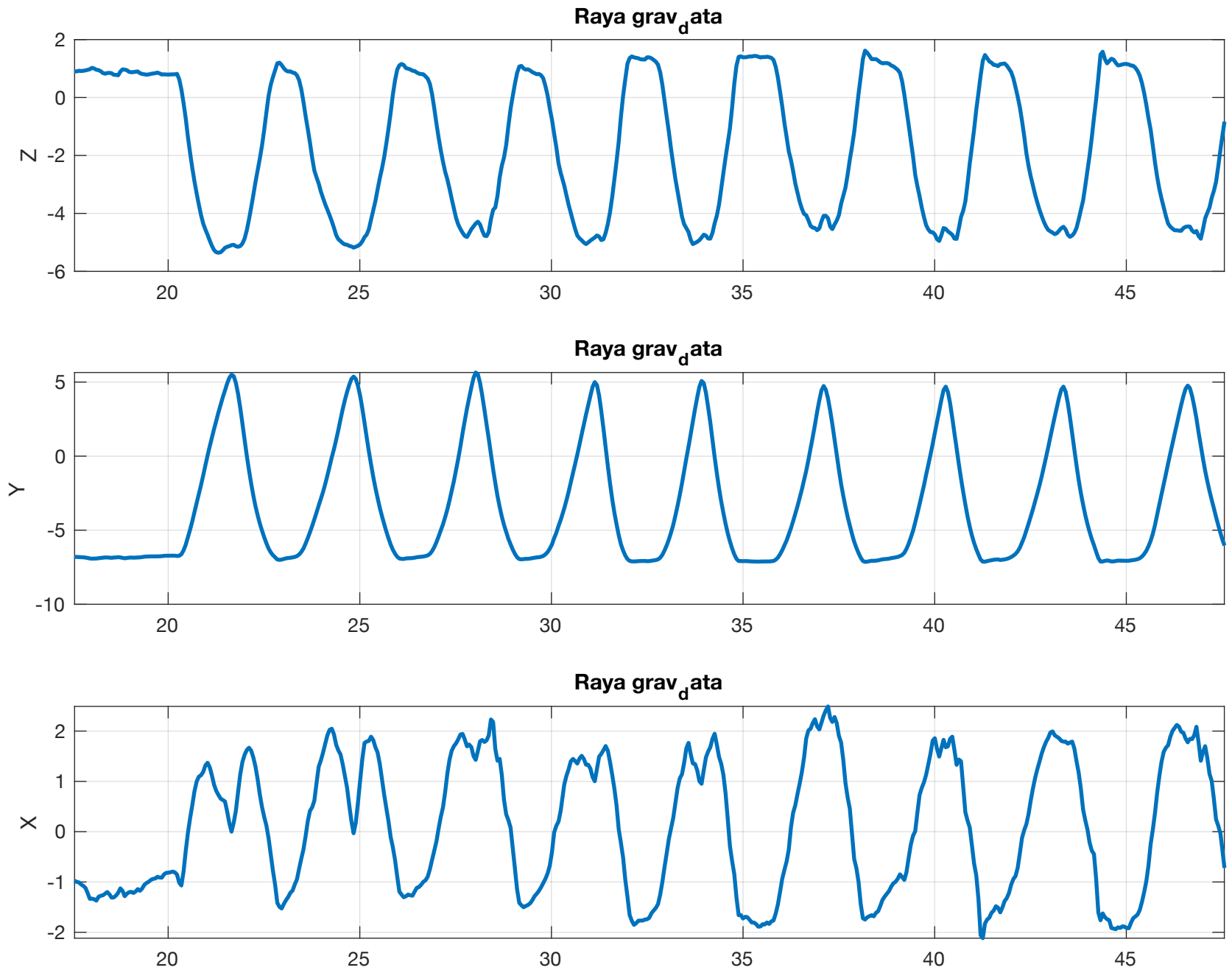

Raya Zero Cross bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
20
25
30
35
40
45

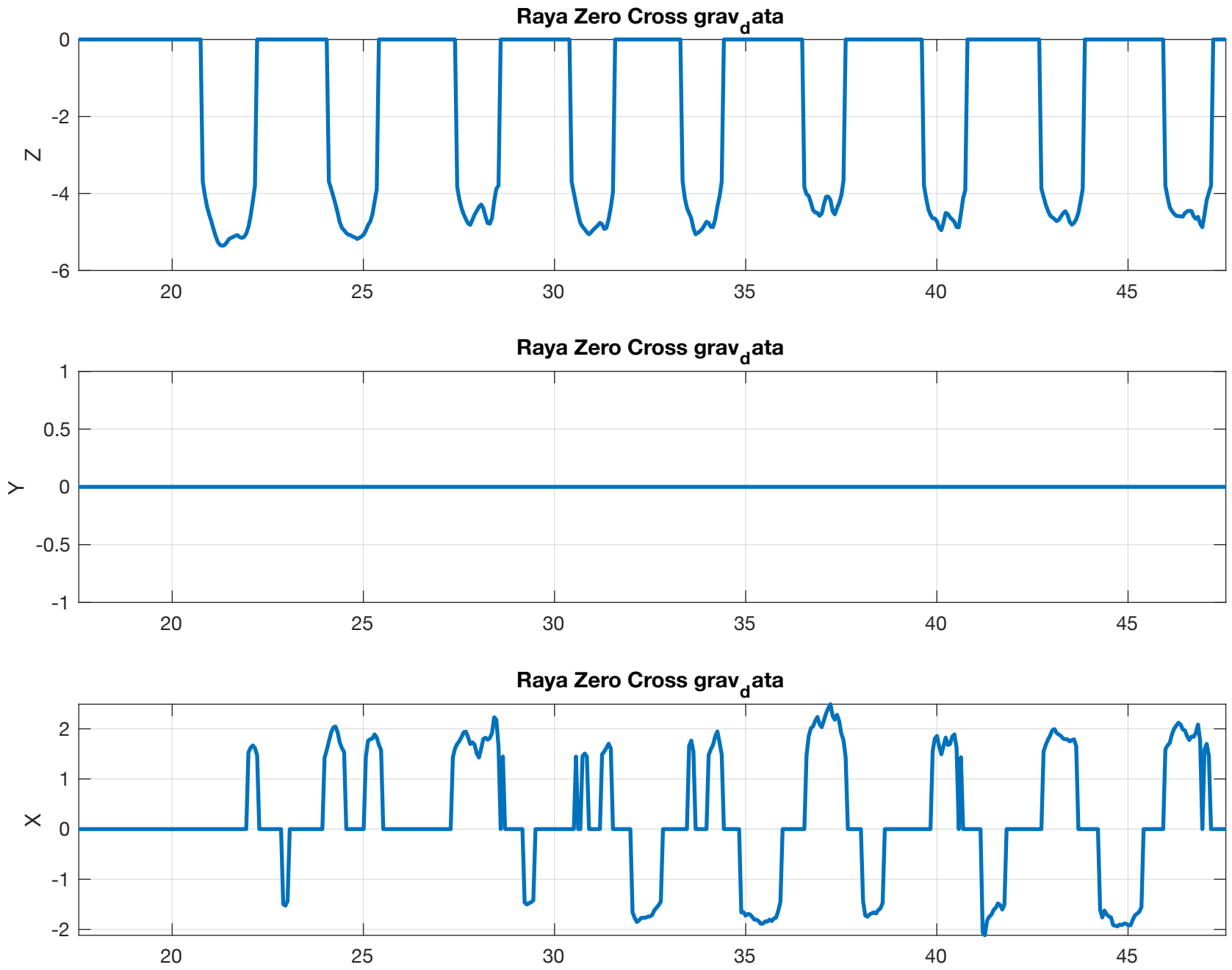
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-49.000	-38.000	-13.000	-13.500	"bar_data"
"Pressure"	-88.000	-56.000	-17.000	-13.500	"bar_data"


Raya gyro_data
Z
2
1
0
-1
20
25
30
35
40
45
Raya gyro_data
Y
2
1
0
-1
-2
20
25
30
35
40
45
Raya gyro_data
X
2
1
0
-1
-2
20
25
30
35
40
45

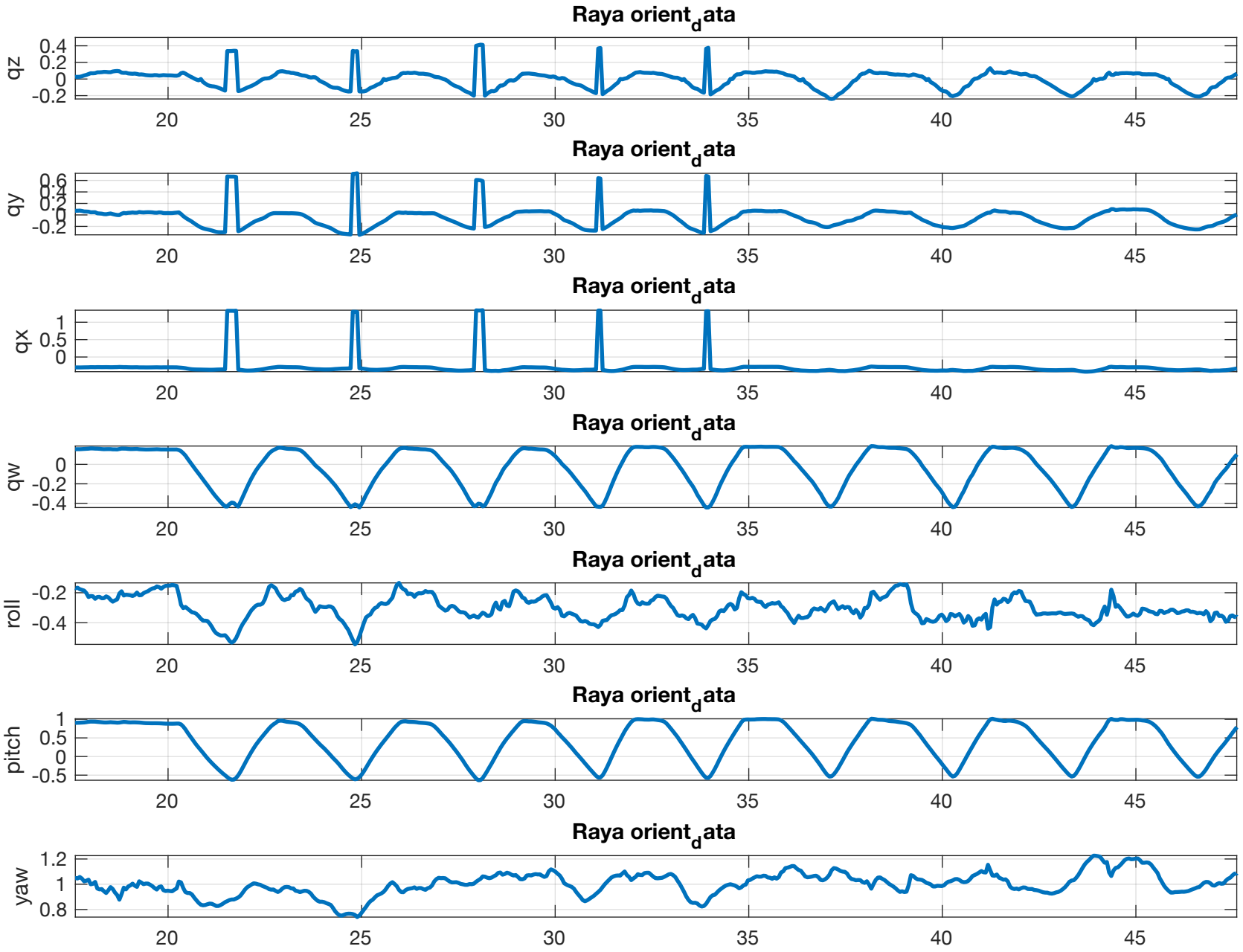

Raya Zero Cross gyro_data
Z
2
1
0
-1
20
25
30
35
40
45
Raya Zero Cross gyro_data
Y
2
1
0
-1
-2
20
25
30
35
40
45
Raya Zero Cross gyro_data
X
2
1
0
-1
-2
20
25
30
35
40
45

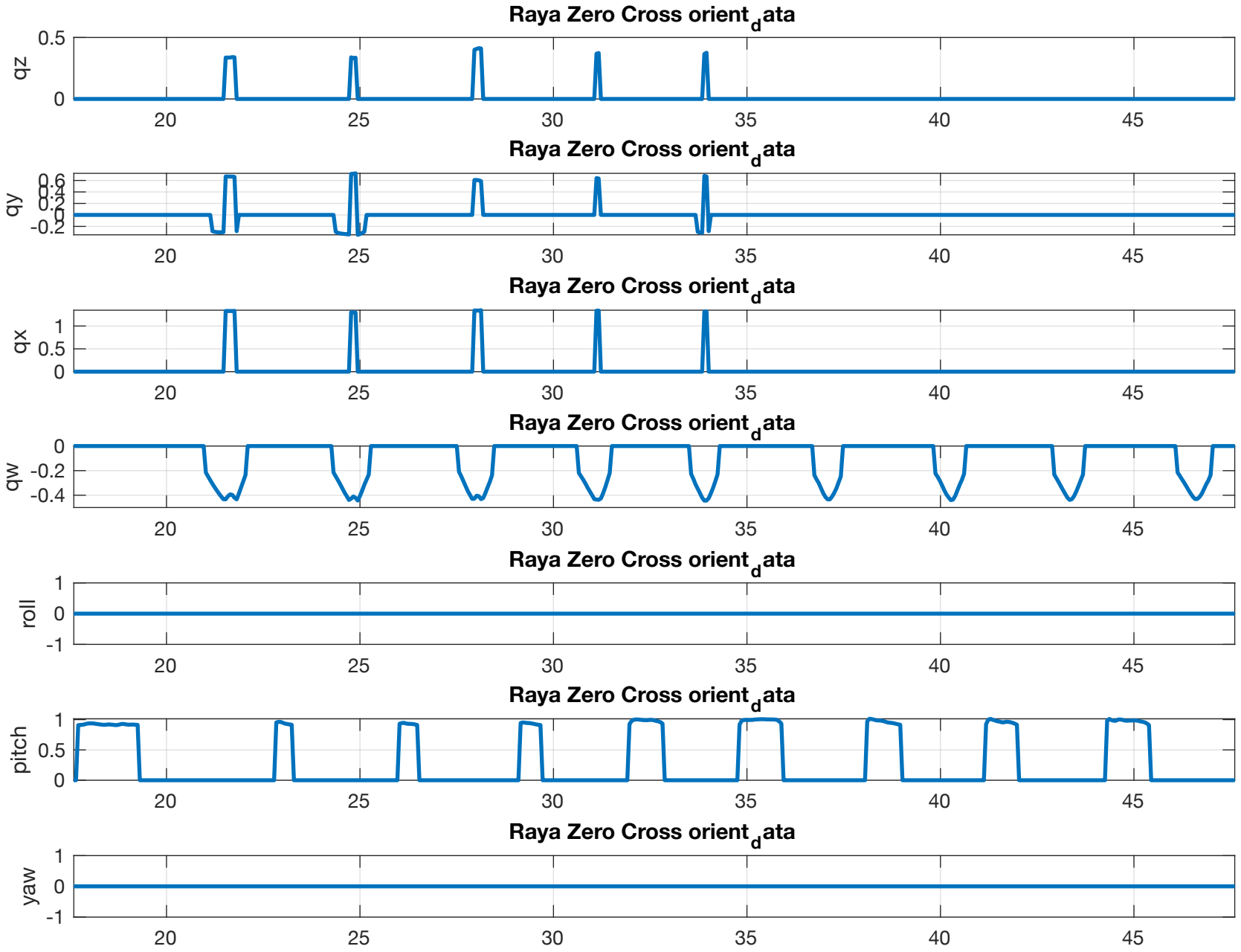
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-281.000	-133.000	-49.000	-12.000	"gyro_data"
'Y'	-303.000	-241.000	-80.000	-33.000	"gyro_data"
'X'	-270.000	-135.000	-44.000	-9.500	"gyro_data"


Raya grav_data
Z
2
0
-2
-4
-6
20
25
30
35
40
45
Raya grav_data
Y
5
0
-5
-10
20
25
30
35
40
45
Raya grav_data
X
2
1
0
-1
-2
20
25
30
35
40
45


Raya Zero Cross grav_data
Z
0
-2
-4
-6
20
25
30
35
40
45
Raya Zero Cross grav_data
Y
1
0.5
0
-0.5
-1
20
25
30
35
40
45
Raya Zero Cross grav_data
X
2
1
0
-1
-2
20
25
30
35
40
45

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-118.000	-82.000	-20.000	3.250	"grav_data"
'Y'	-88.000	-28.000	-4.000	8.750	"grav_data"
'X'	-141.000	-53.000	-12.000	-14.250	"grav_data"


Raya orient_data
qz
0.4
0.2
0
-0.2
20
25
30
35
40
45
Raya orient_data
qy
0.6
0.4
0.2
0
-0.2
20
25
30
35
40
45
Raya orient_data
qx
1
0.5
0
20
25
30
35
40
45
Raya orient_data
qw
0
-0.2
-0.4
20
25
30
35
40
45
Raya orient_data
roll
-0.2
-0.4
20
25
30
35
40
45
Raya orient_data
pitch
1
0.5
0
-0.5
20
25
30
35
40
45
Raya orient_data
yaw
1.2
1
0.8
20
25
30
35
40
45


Raya Zero Cross orientdata
qz
0.5
0
20
25
30
35
40
45
Raya Zero Cross orientdata
qy
0.6
0.4
0.2
0
-0.2
20
25
30
35
40
45
Raya Zero Cross orientdata
qx
1
0.5
0
20
25
30
35
40
45
Raya Zero Cross orientdata
qw
0
-0.2
-0.4
20
25
30
35
40
45
Raya Zero Cross orientdata
roll
1
0
-1
20
25
30
35
40
45
Raya Zero Cross orientdata
pitch
1
0.5
0
20
25
30
35
40
45
Raya Zero Cross orientdata
yaw
1
0
-1
20
25
30
35
40
45

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-159.000	-108.000	-27.000	5.000	"orient_data"
'qy'	-123.000	-110.000	-22.000	-1.250	"orient_data"
'qx'	-118.000	-16.000	0.000	5.750	"orient_data"
'qw'	-89.000	-63.000	-15.000	-0.250	"orient_data"
'roll'	-191.000	-19.000	3.000	4.750	"orient_data"
'pitch'	-87.000	-59.000	-11.000	2.750	"orient_data"
'yaw'	-158.000	-125.000	-34.000	6.500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	63.500
'bar_data'	"Relative Altitude"	'double_findpeaks'	13.000
'gyro_data'	"X"	'zero_cross'	9.500
'grav_data'	"Z"	'zero_cross'	3.250
'orient_data'	"qx"	'double_findpeaks'	0.000