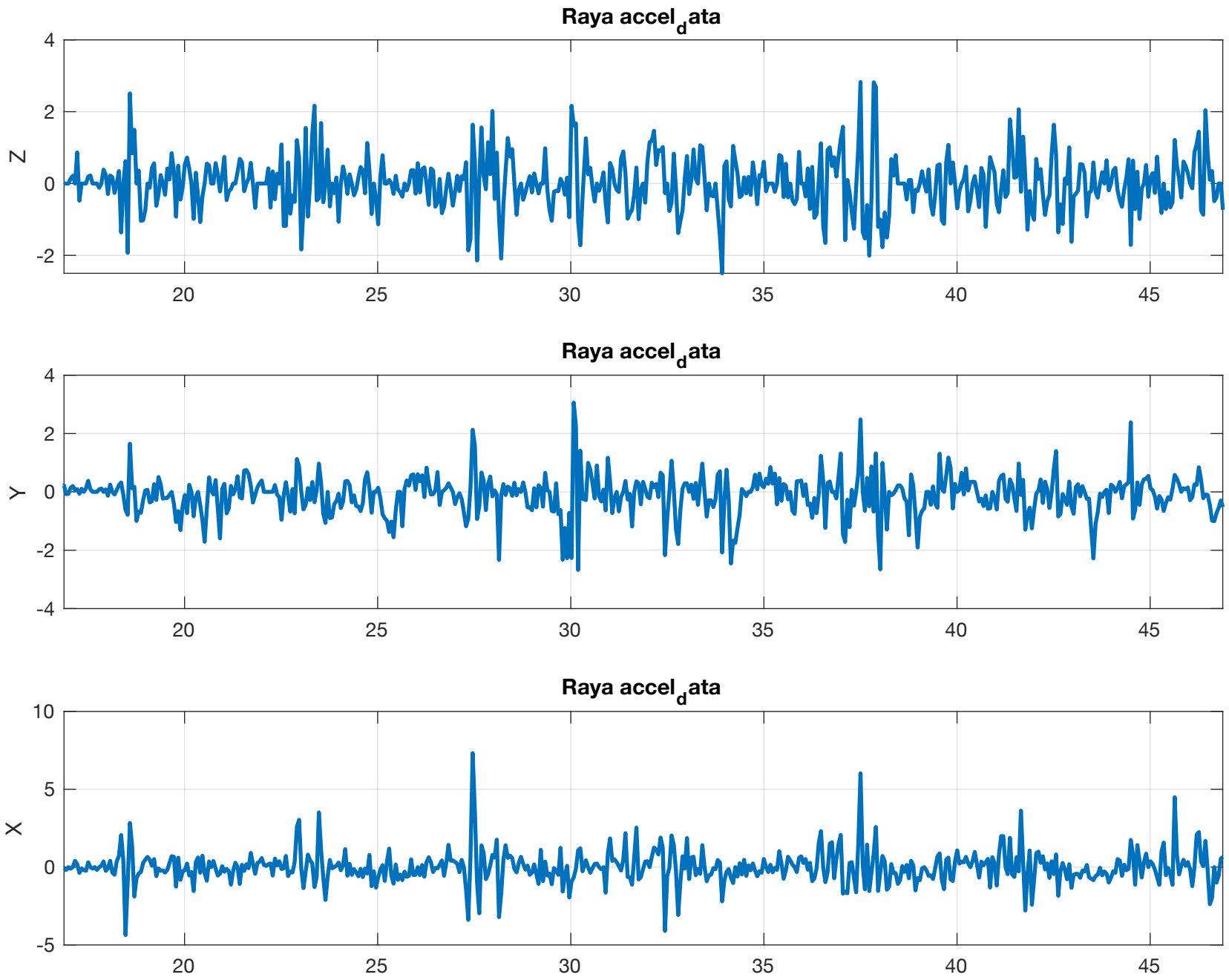
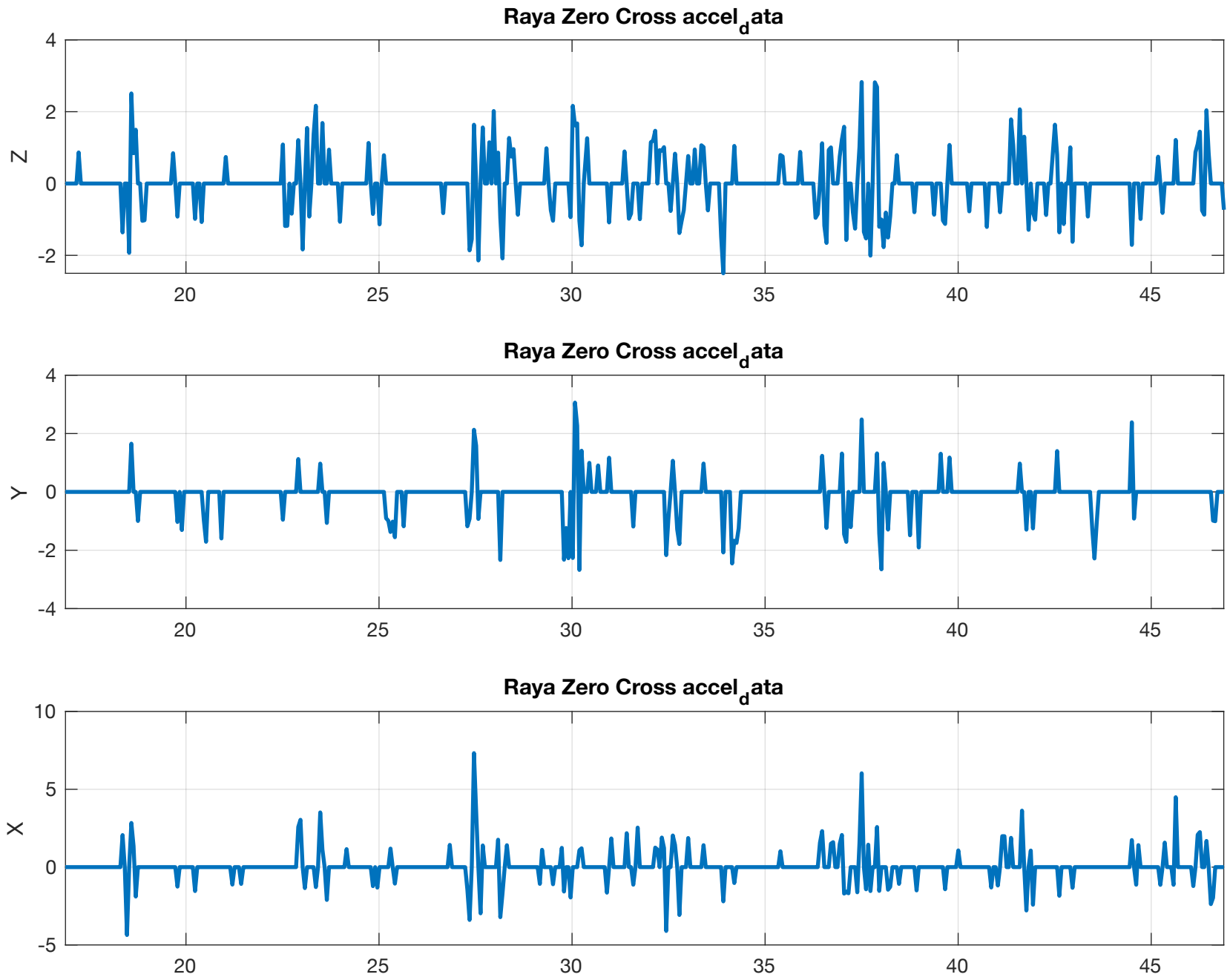
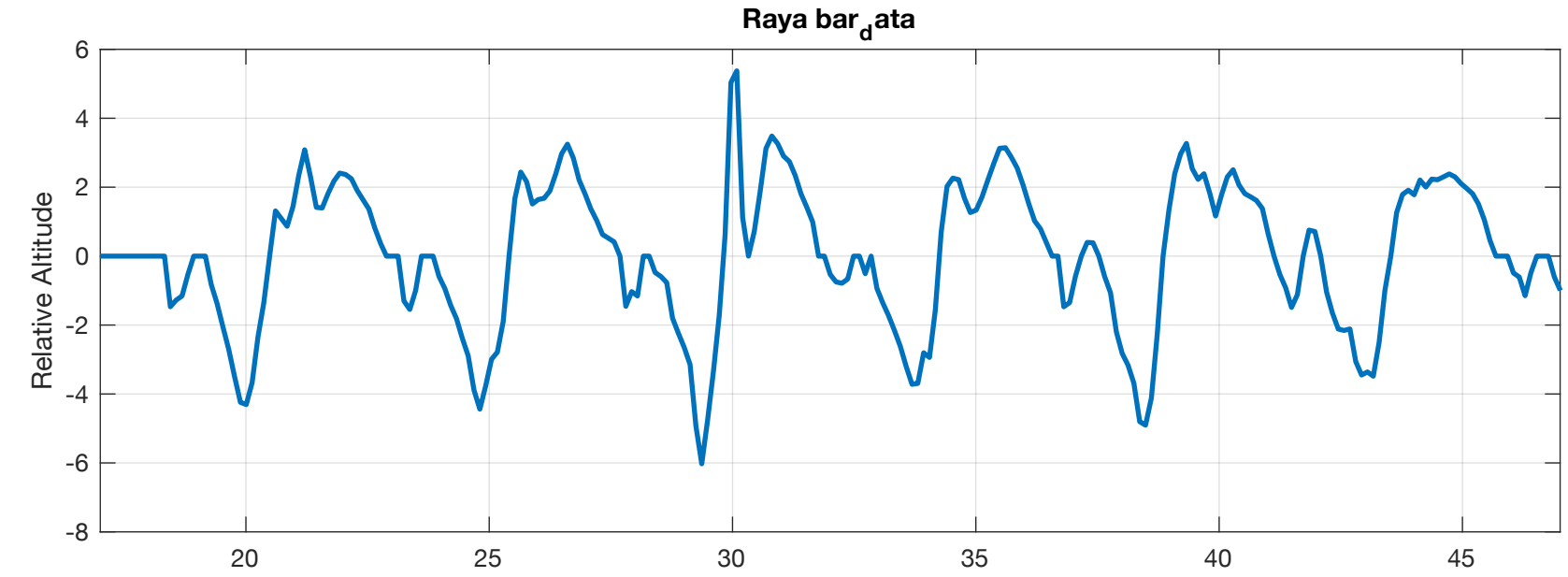
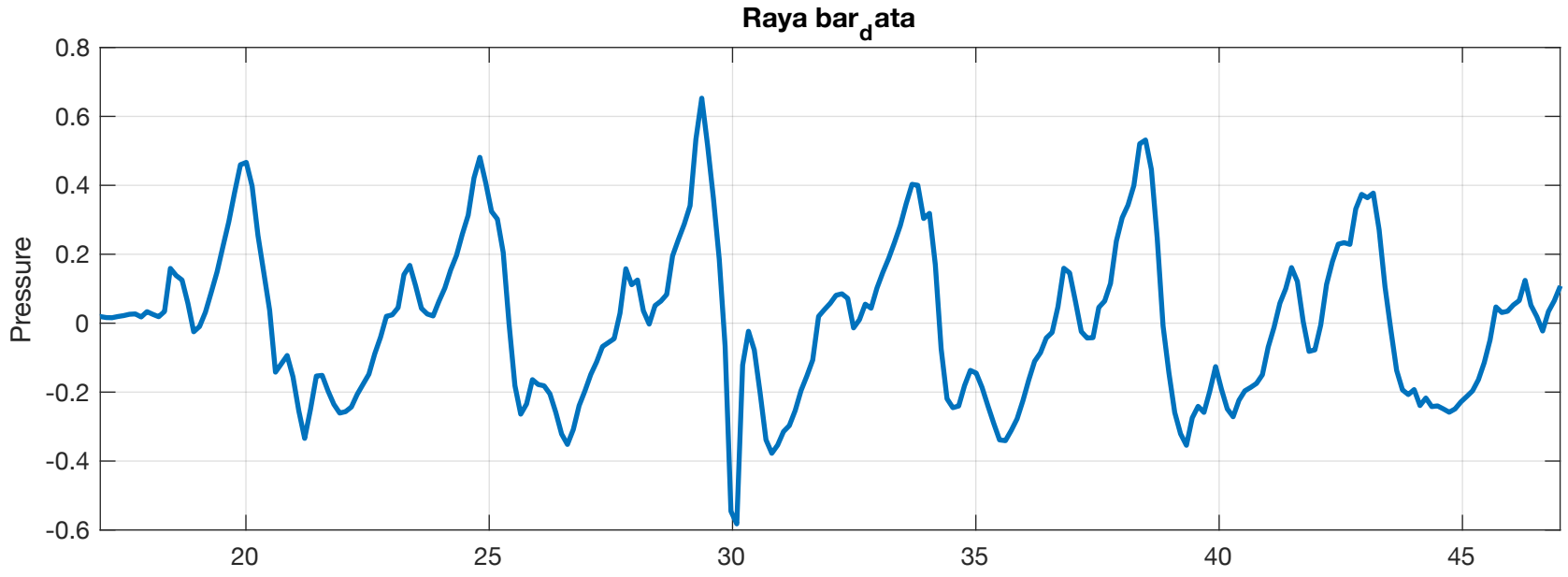
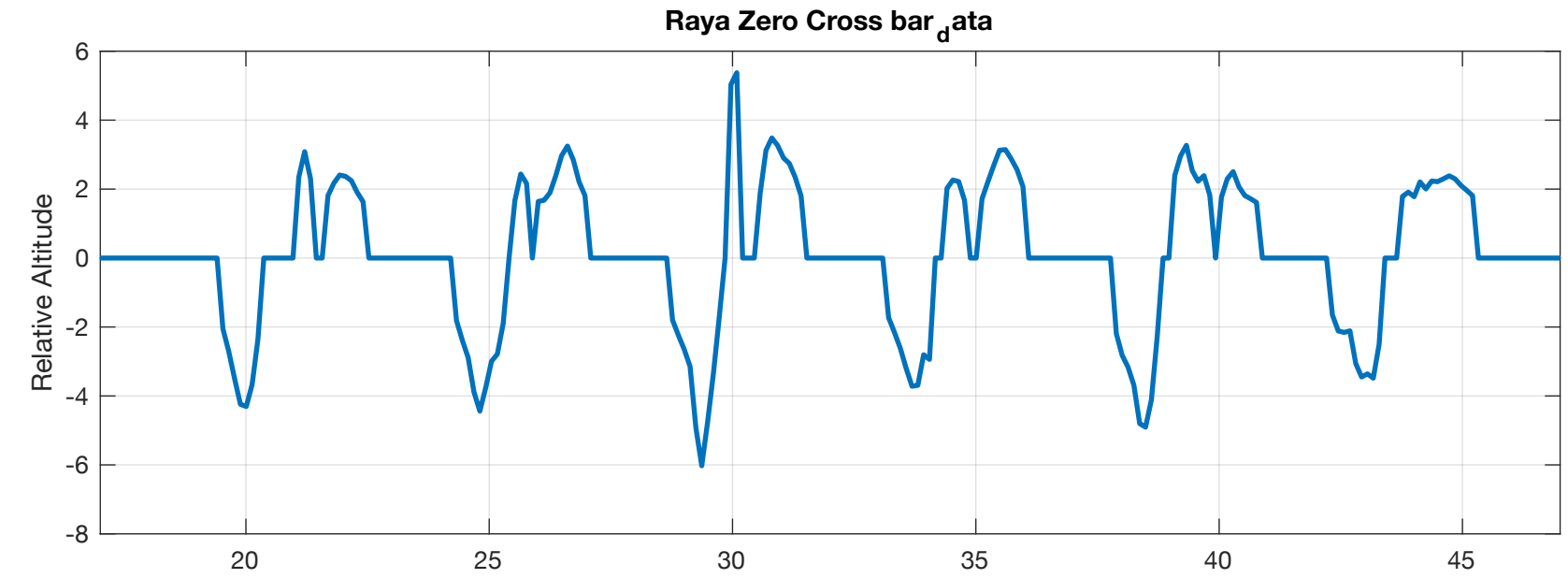

Raya accel_data
Z
4
2
0
-2
20
25
30
35
40
45
Raya accel_data
Y
4
2
0
-2
-4
20
25
30
35
40
45
Raya accel_data
X
10
5
0
-5
20
25
30
35
40
45

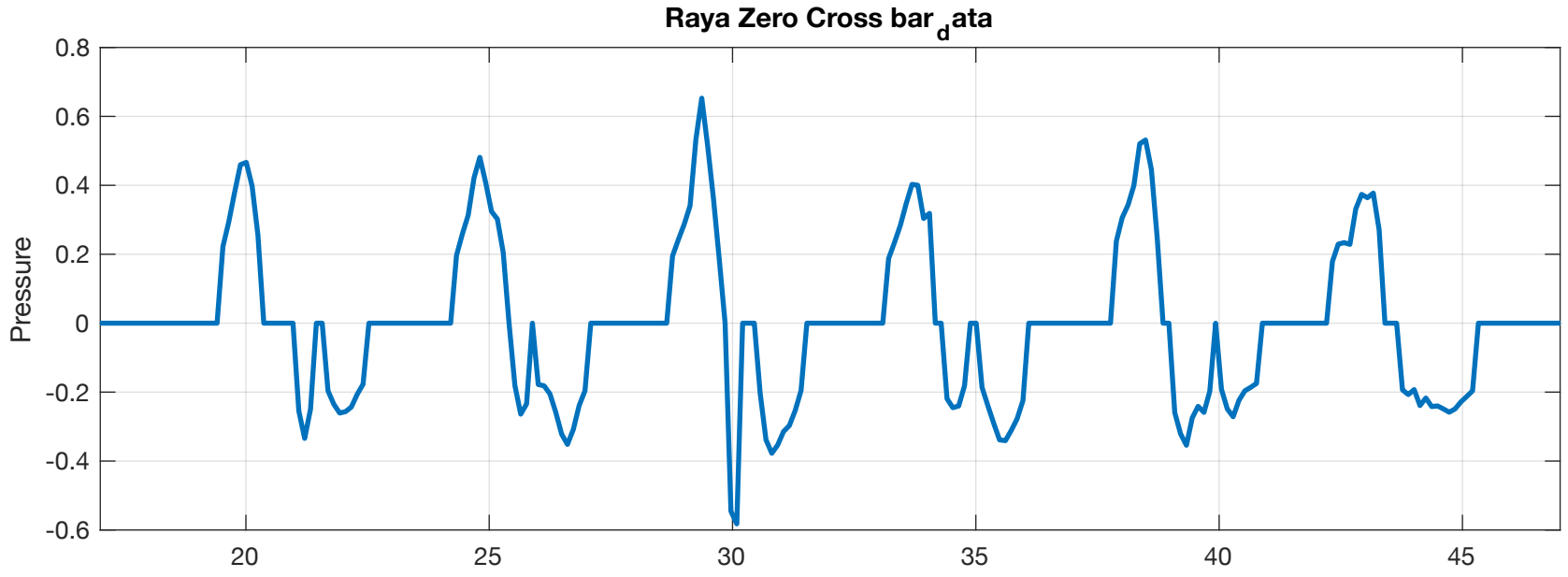

Raya Zero Cross accel_data
Z
4
2
0
-2
20
25
30
35
40
45
Raya Zero Cross accel_data
Y
4
2
0
-2
-4
20
25
30
35
40
45
Raya Zero Cross accel_data
X
10
5
0
-5
20
25
30
35
40
45

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-309.000	-256.000	-93.000	-82.000	"accel_data"
'Y'	-316.000	-253.000	-92.000	-53.000	"accel_data"
'X'	-332.000	-263.000	-95.000	-68.500	"accel_data"

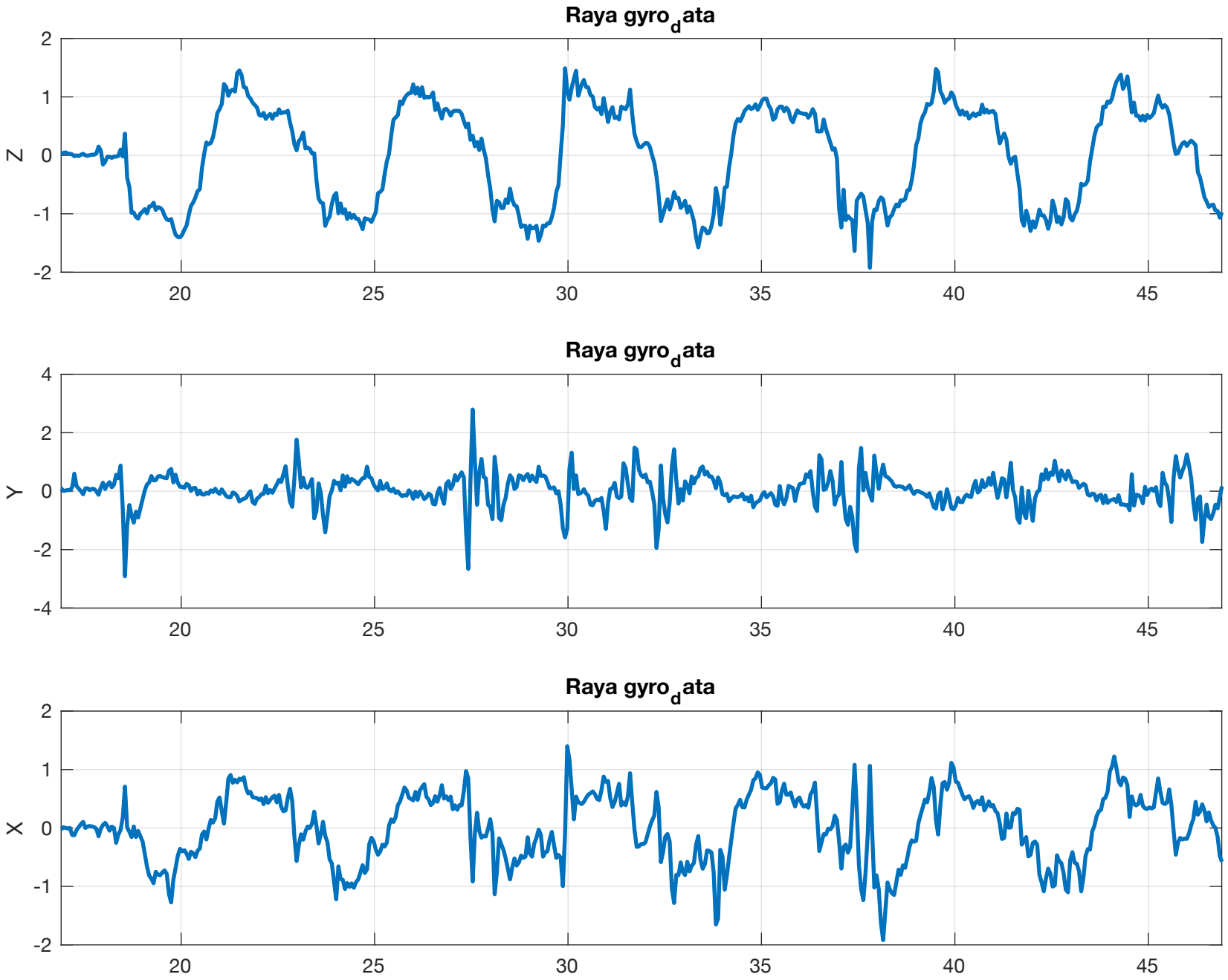

Raya bar_data
Relative Altitude
6
4
2
0
-2
-4
-6
-8
20
25
30
35
40
45

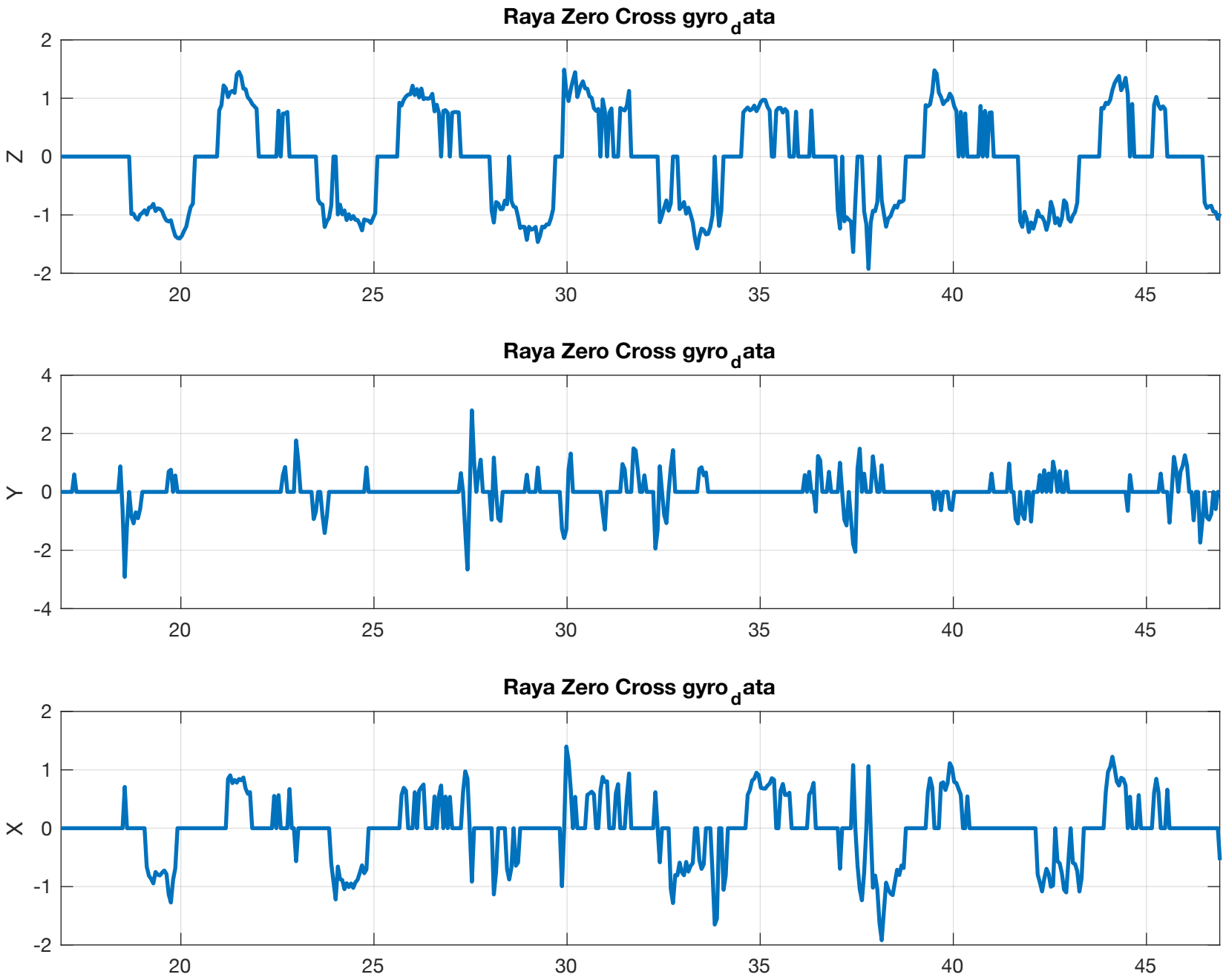

Raya bar_data
Pressure
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
20
25
30
35
40
45


Raya Zero Cross bar_data
Relative Altitude
6
4
2
0
-2
-4
-6
-8
20
25
30
35
40
45

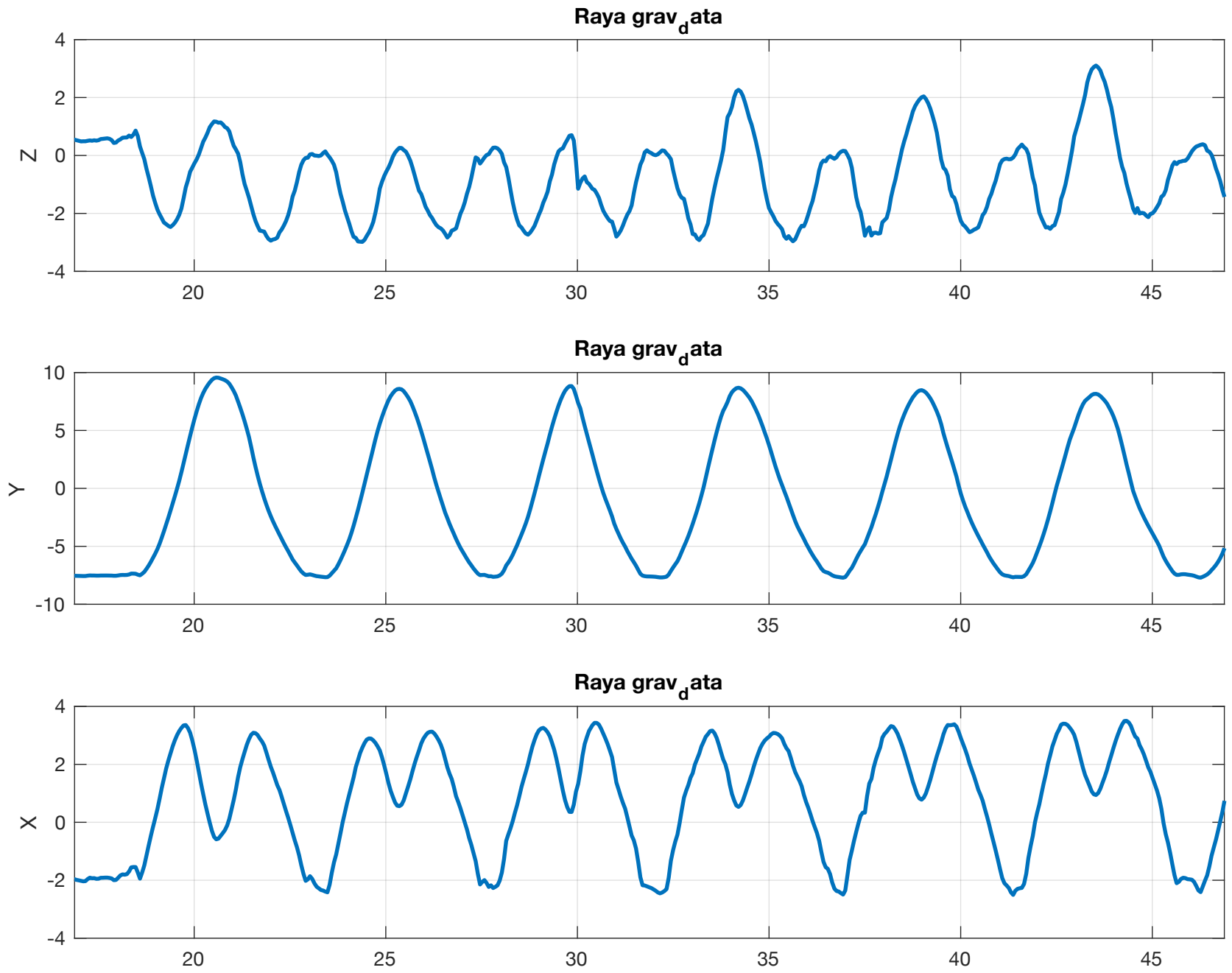

Raya Zero Cross bar_data
Pressure
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
20
25
30
35
40
45

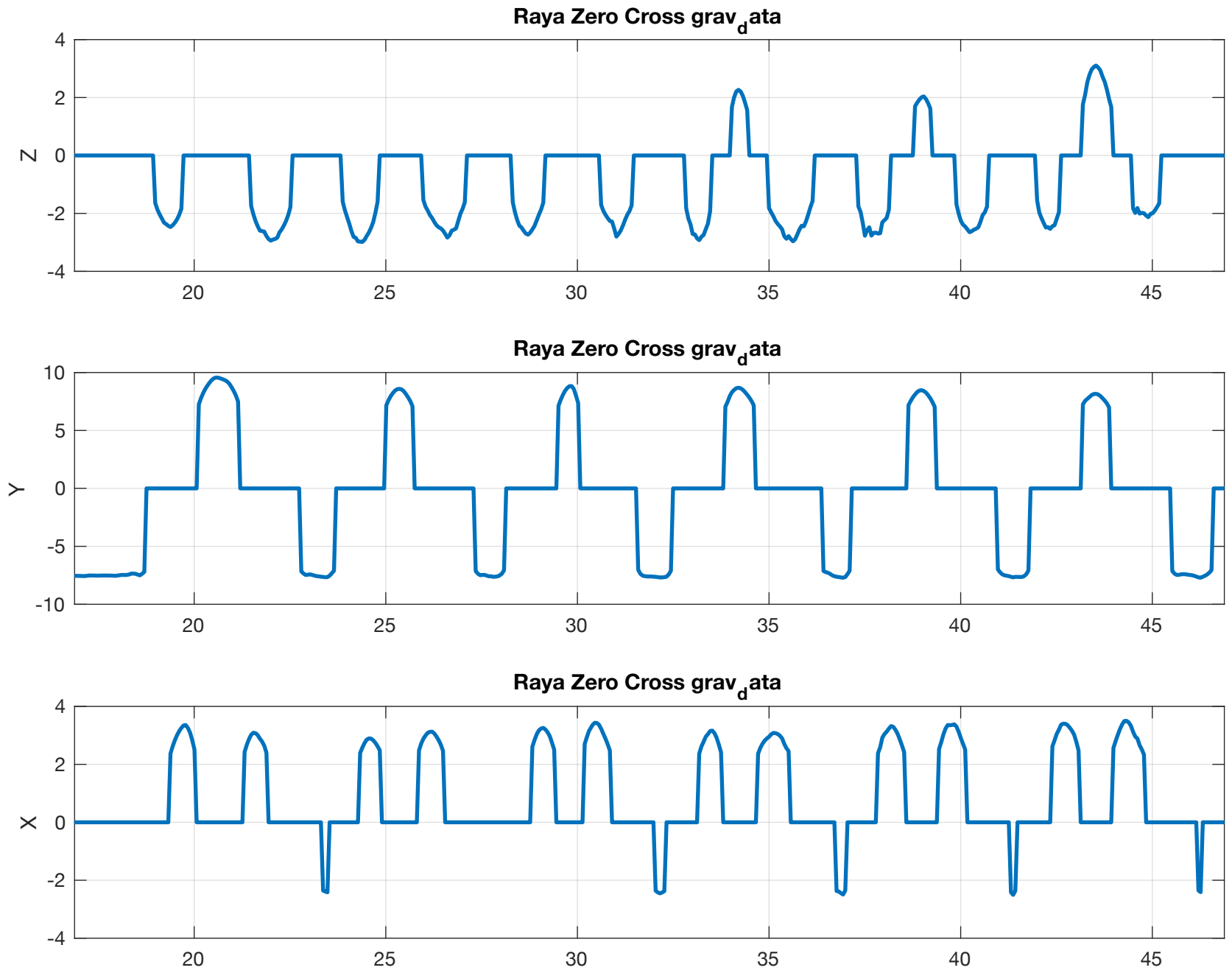
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-50.000	-29.000	-7.000	-7.000	"bar_data"
"Pressure"	-81.000	-61.000	-21.000	-7.000	"bar_data"


Raya gyro_data
Z
2
1
0
-1
-2
20
25
30
35
40
45
Raya gyro_data
Y
4
2
0
-2
-4
20
25
30
35
40
45
Raya gyro_data
X
2
1
0
-1
-2
20
25
30
35
40
45

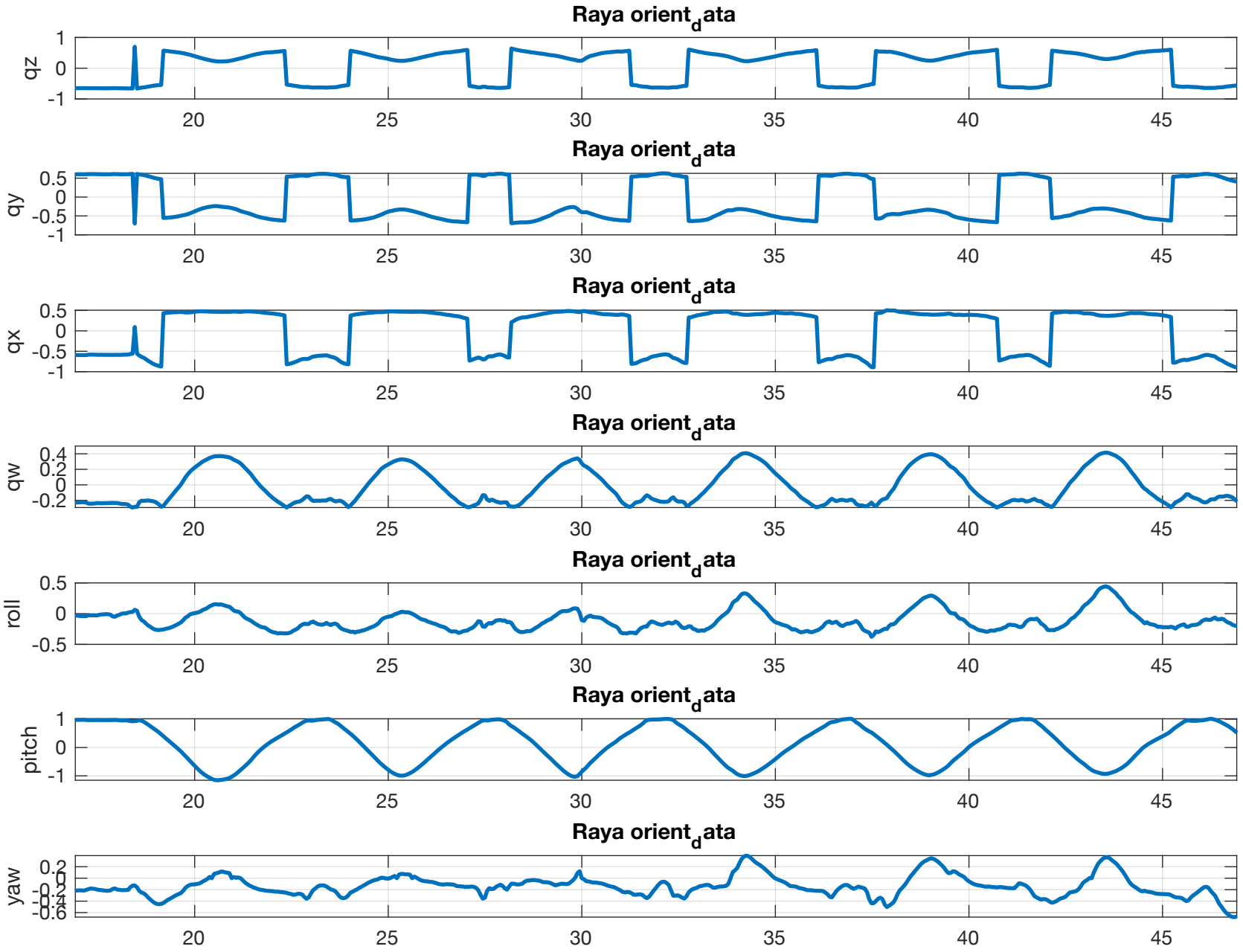

Raya Zero Cross gyro_data
Z
2
1
0
-1
-2
20
25
30
35
40
45
Raya Zero Cross gyro_data
Y
4
2
0
-2
-4
20
25
30
35
40
45
Raya Zero Cross gyro_data
X
2
1
0
-1
-2
20
25
30
35
40
45

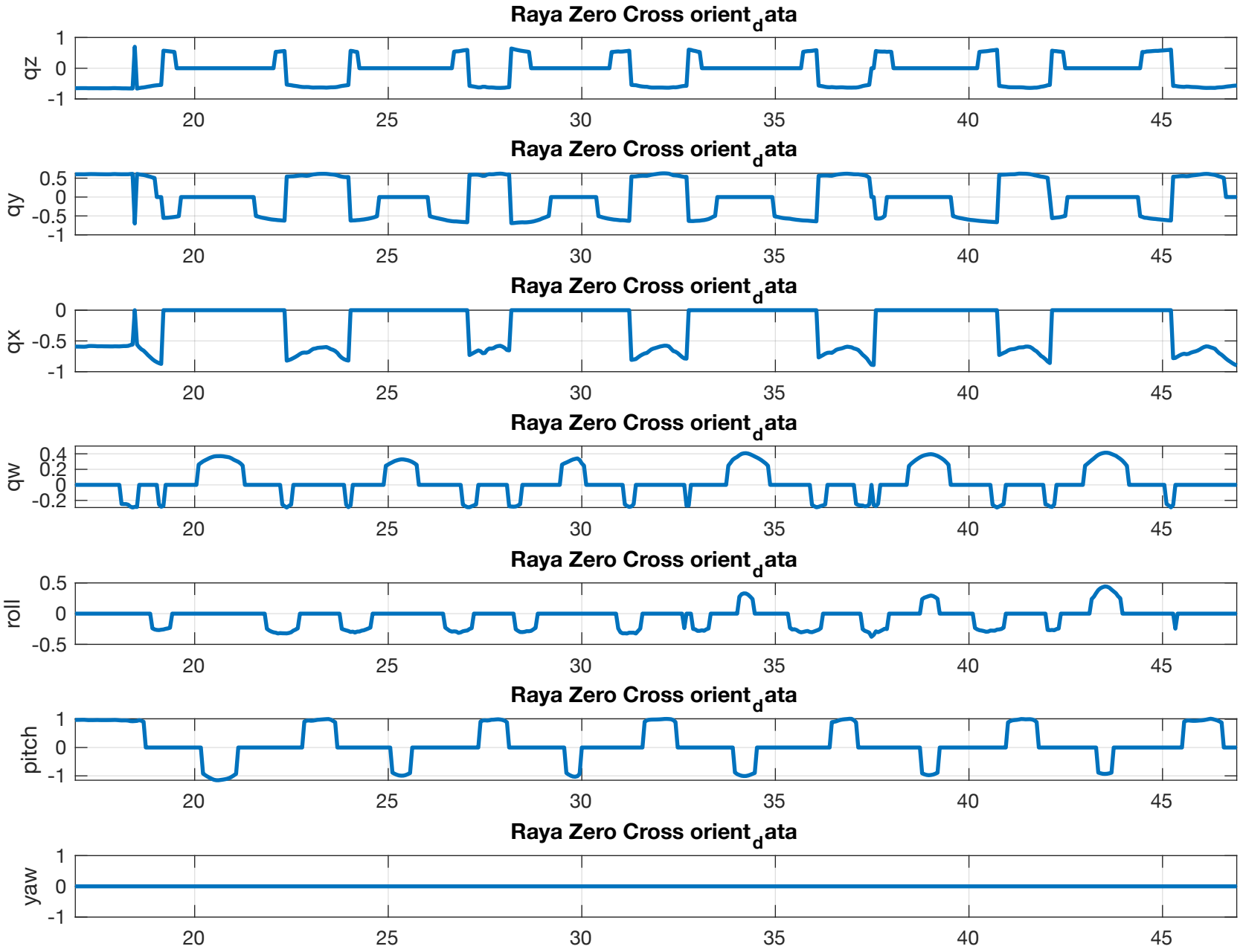
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-274.000	-188.000	-56.000	-24.500	"gyro_data"
'Y'	-308.000	-230.000	-66.000	-56.000	"gyro_data"
'X'	-261.000	-179.000	-58.000	-33.500	"gyro_data"


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


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

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-105.000	-83.000	-20.000	-8.500	"grav_data"
'Y'	-75.000	-23.000	-4.000	-2.250	"grav_data"
'X'	-88.000	-22.000	-3.000	-7.250	"grav_data"


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


Raya Zero Cross orientdata
qz
1
0
-1
20
25
30
35
40
45
Raya Zero Cross orientdata
qy
0.5
0
-0.5
-1
20
25
30
35
40
45
Raya Zero Cross orientdata
qx
0
-0.5
-1
20
25
30
35
40
45
Raya Zero Cross orientdata
qw
0.4
0.2
0
-0.2
20
25
30
35
40
45
Raya Zero Cross orientdata
roll
0.5
0
-0.5
20
25
30
35
40
45
Raya Zero Cross orientdata
pitch
1
0
-1
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'	-104.000	-36.000	-9.000	-7.500	"orient_data"
'qy'	-91.000	-59.000	-15.000	-7.500	"orient_data"
'qx'	-109.000	-61.000	-15.000	2.500	"orient_data"
'qw'	-99.000	-24.000	-6.000	-8.250	"orient_data"
'roll'	-142.000	-59.000	-16.000	-7.000	"orient_data"
'pitch'	-74.000	-54.000	-14.000	-2.750	"orient_data"
'yaw'	-108.000	-28.000	-6.000	5.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	53.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	7.000
'gyro_data'	"Z"	'zero_cross'	24.500
'grav_data'	"Y"	'zero_cross'	2.250
'orient_data'	"qx"	'zero_cross'	2.500