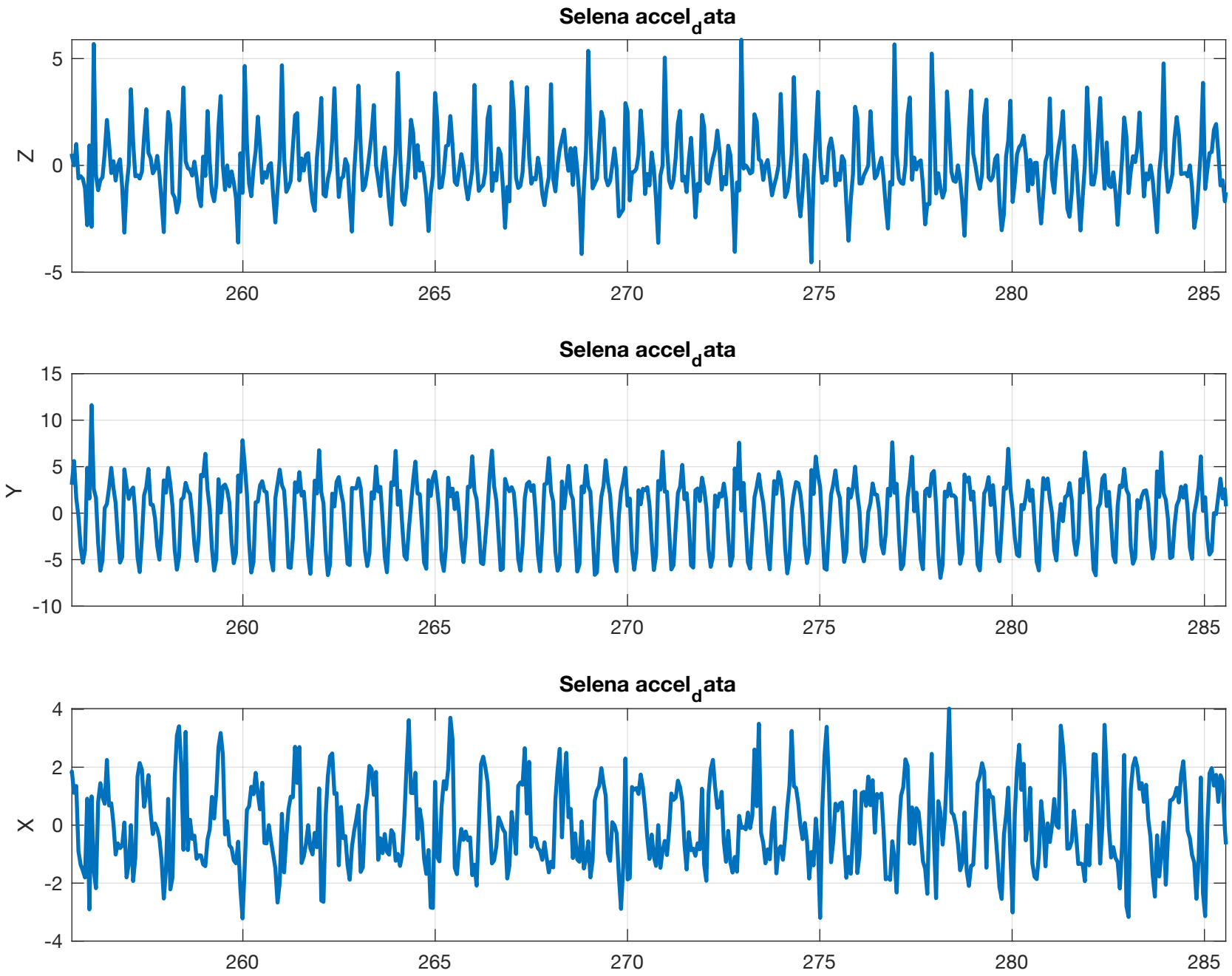
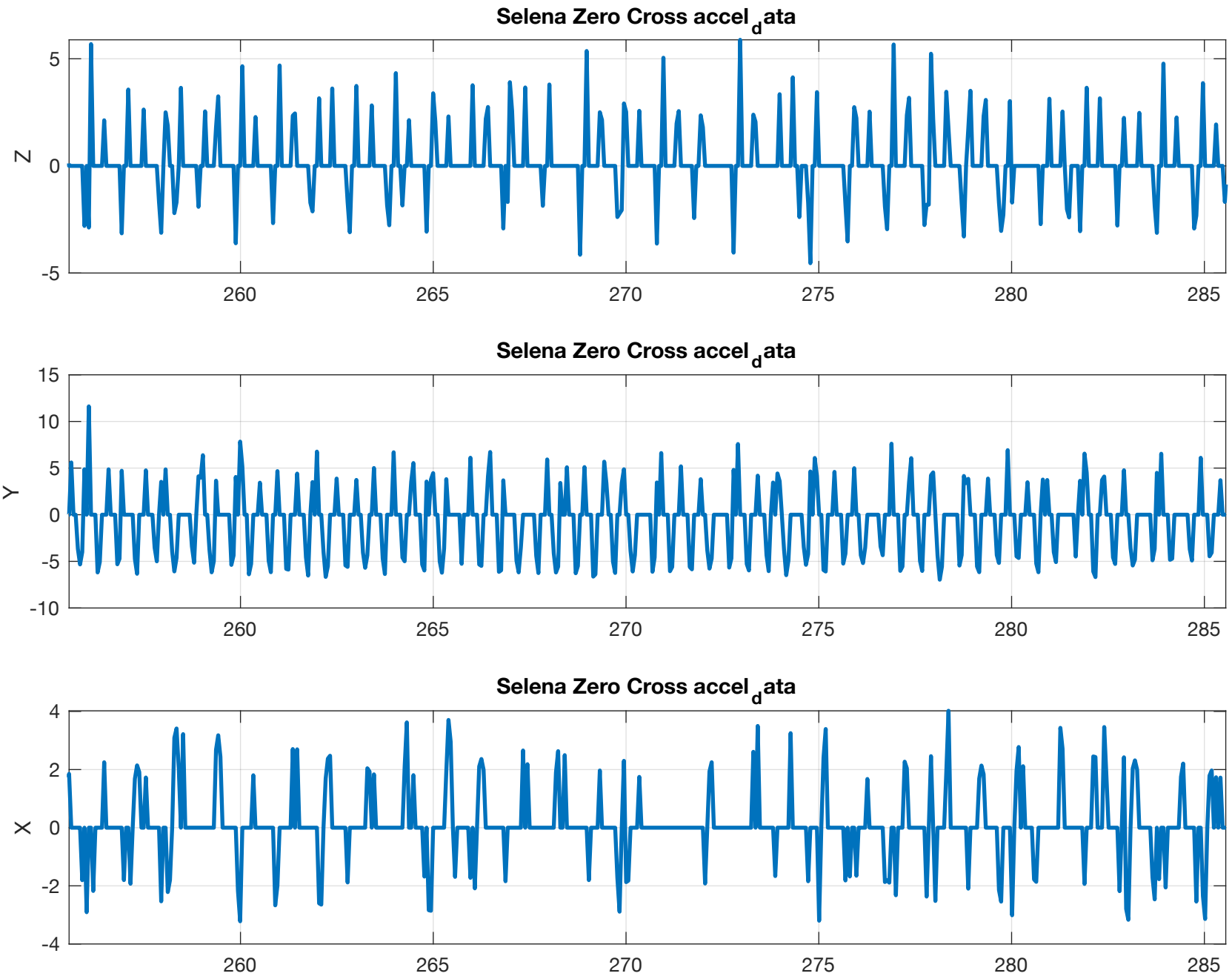
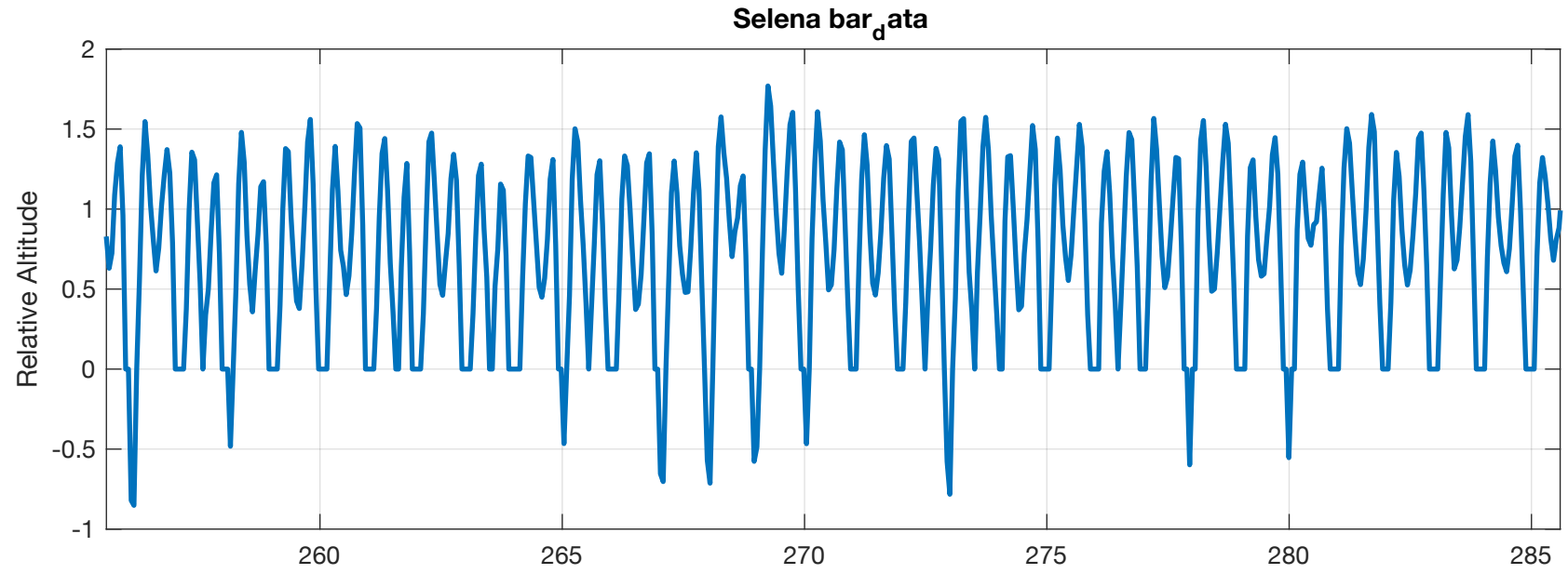
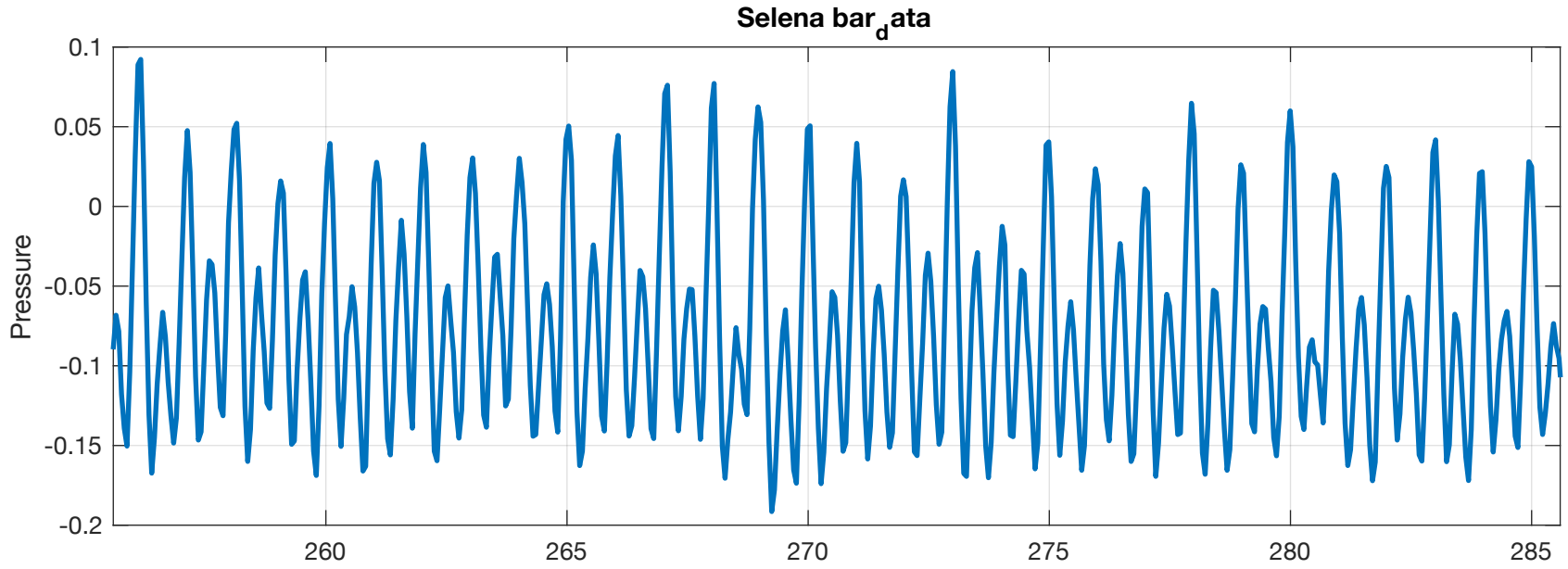
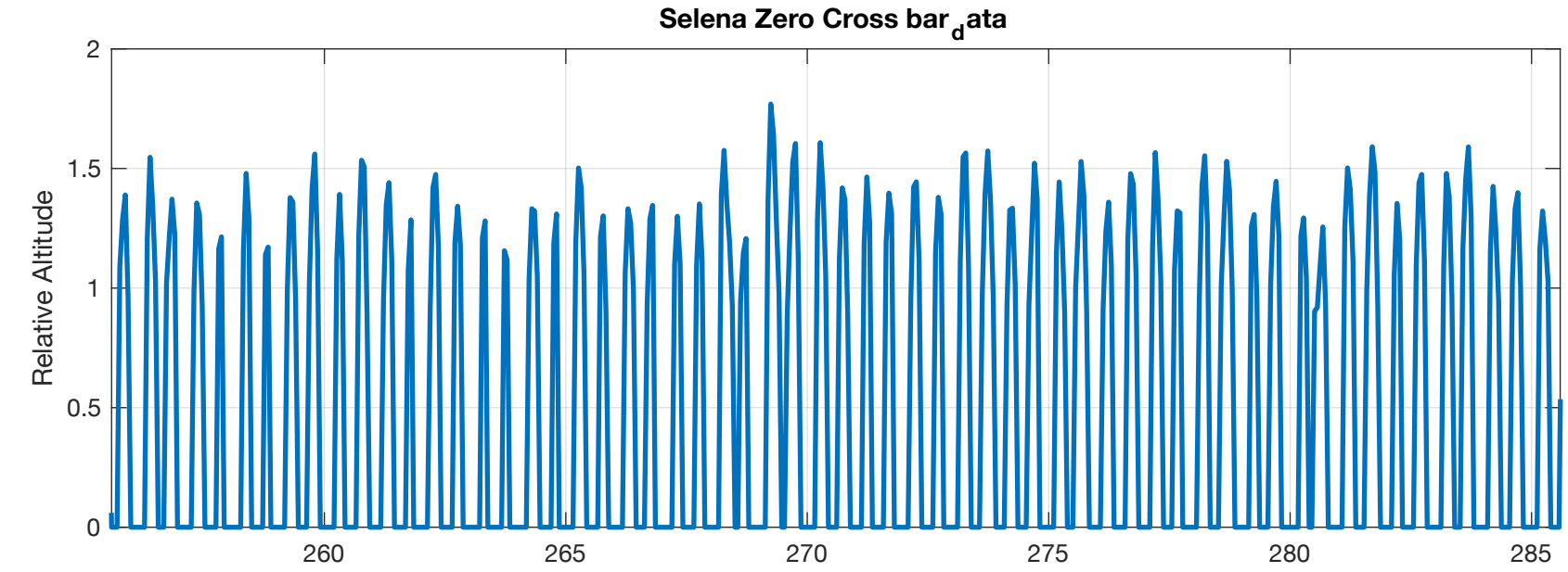

Selena accel_data
Z
5
0
-5
260
265
270
275
280
285
Selena accel_data
Y
15
10
5
0
-5
-10
260
265
270
275
280
285
Selena accel_data
X
4
2
0
-2
-4
260
265
270
275
280
285

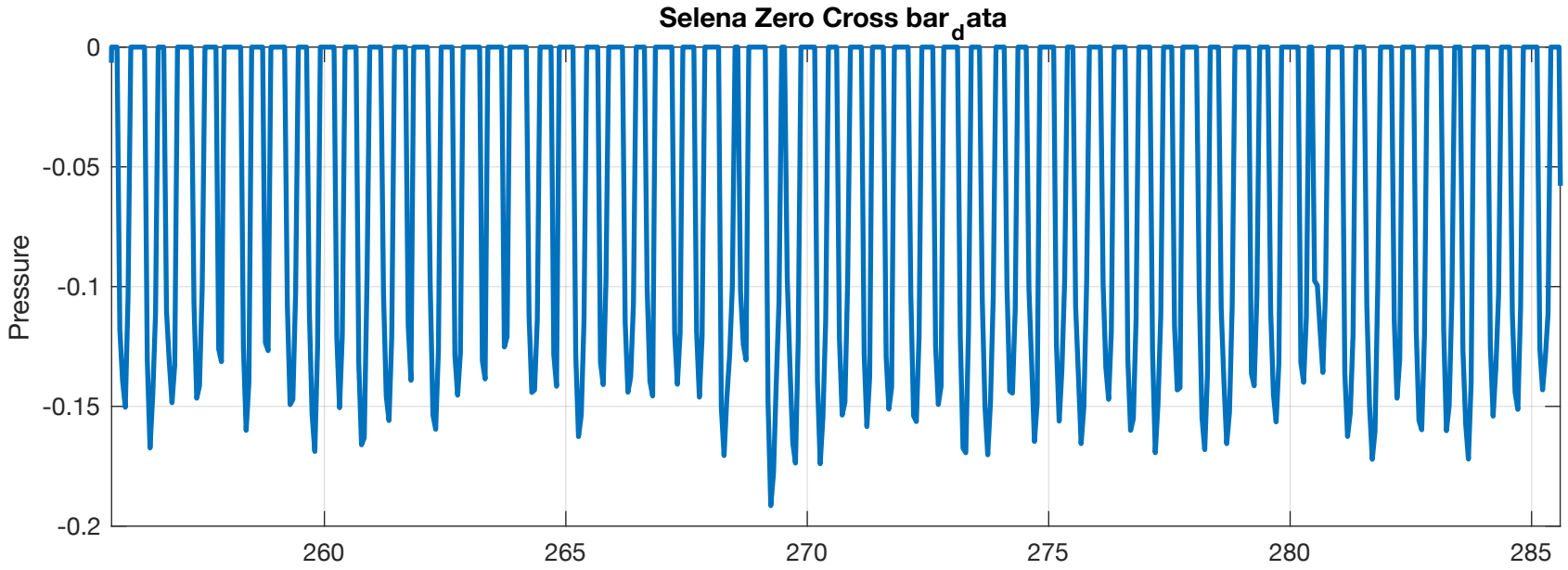

Selena Zero Cross accel_data
Z
5
0
-5
260
265
270
275
280
285
Selena Zero Cross accel_data
Y
15
10
5
0
-5
-10
260
265
270
275
280
285
Selena Zero Cross accel_data
X
4
2
0
-2
-4
260
265
270
275
280
285

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-4063.000	-3138.000	-1354.000	-1736.000	"accel_data"
'Y'	-3585.000	-3400.000	-1264.000	-1895.000	"accel_data"
'X'	-4334.000	-3452.000	-1231.000	-1670.000	"accel_data"

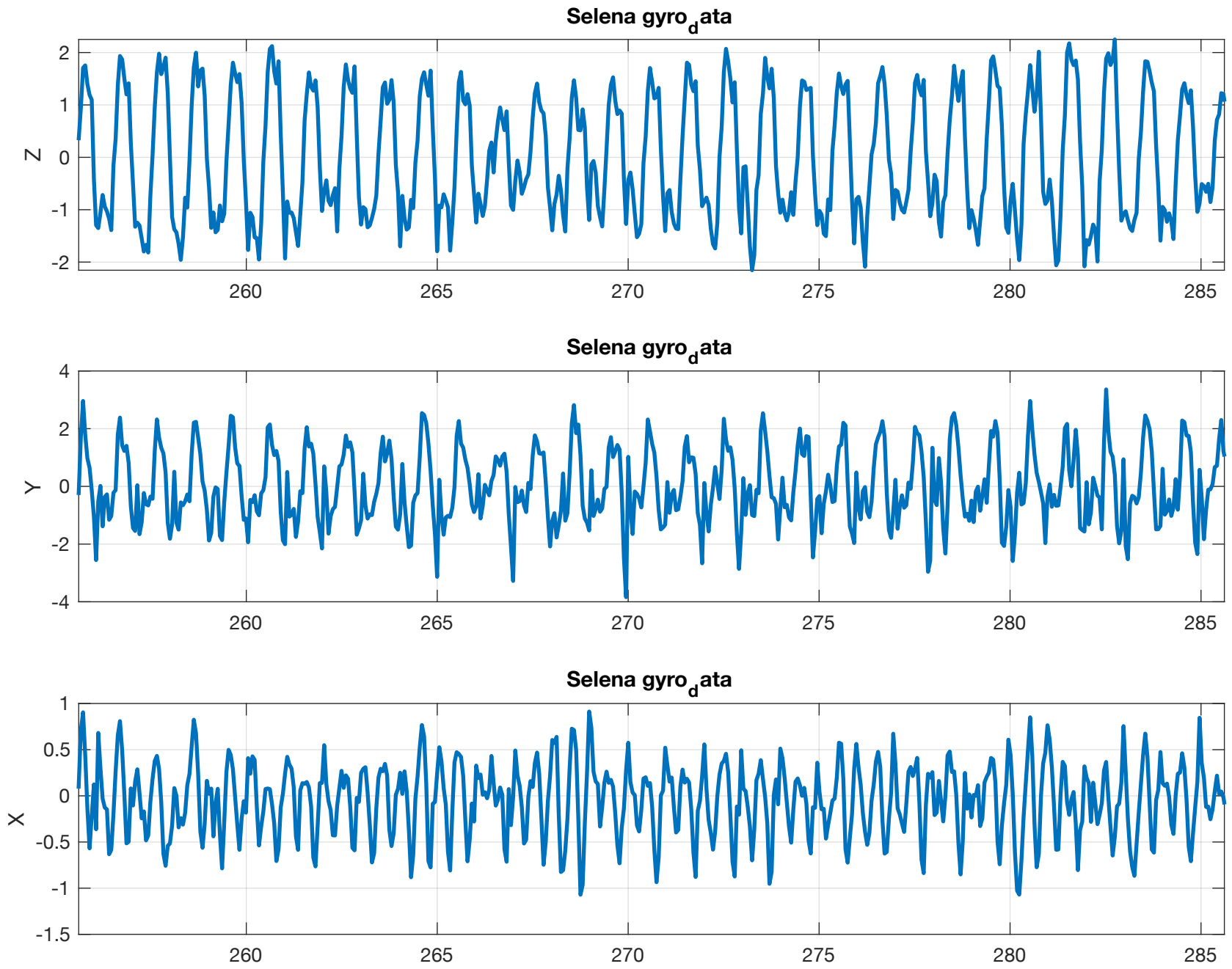

Selena bar_data
Relative Altitude
2
1.5
1
0.5
0
-0.5
-1
260
265
270
275
280
285

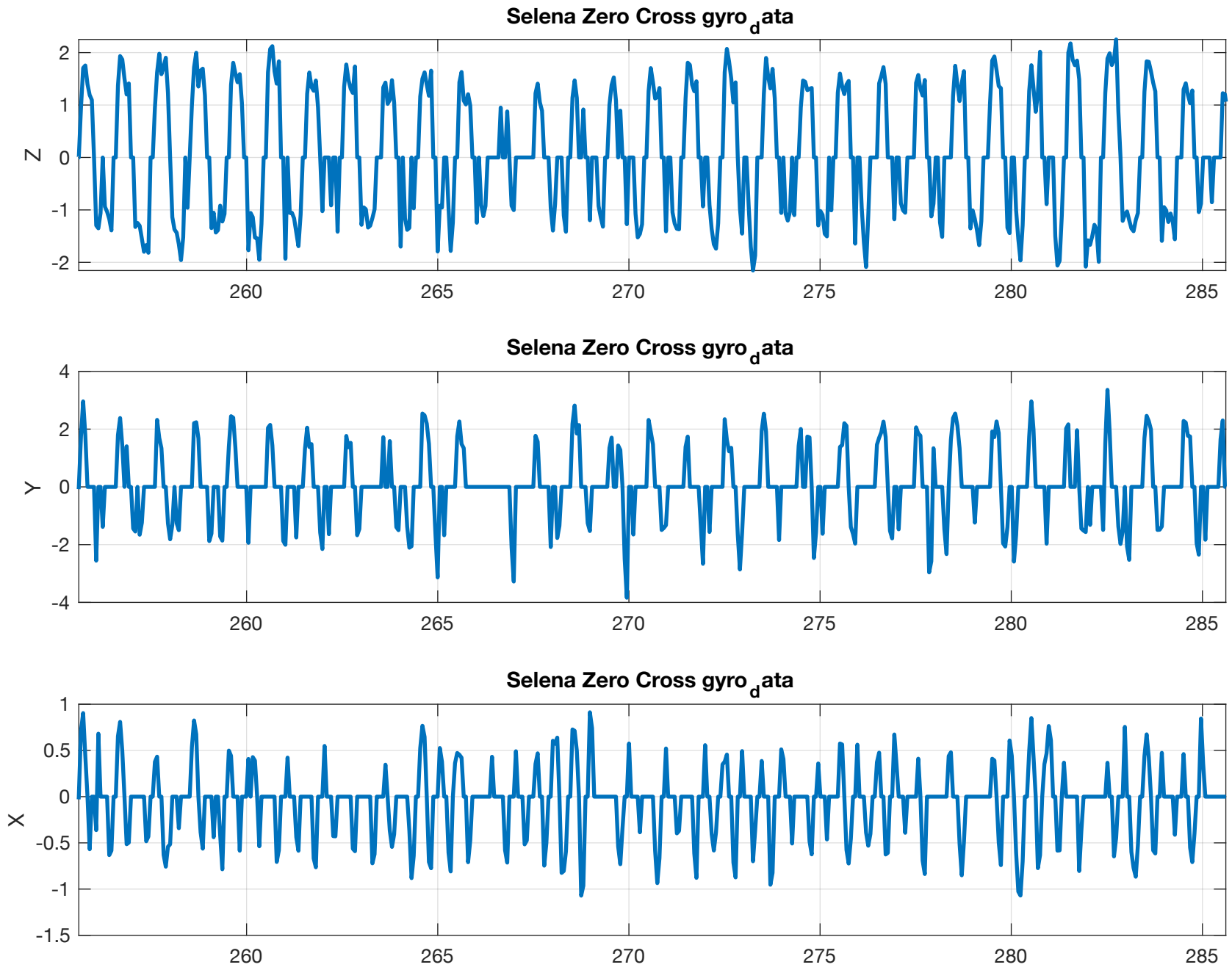

Selena bar_data
Pressure
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
260
265
270
275
280
285


Selena Zero Cross bar_data
Relative Altitude
2
1.5
1
0.5
0
260
265
270
275
280
285

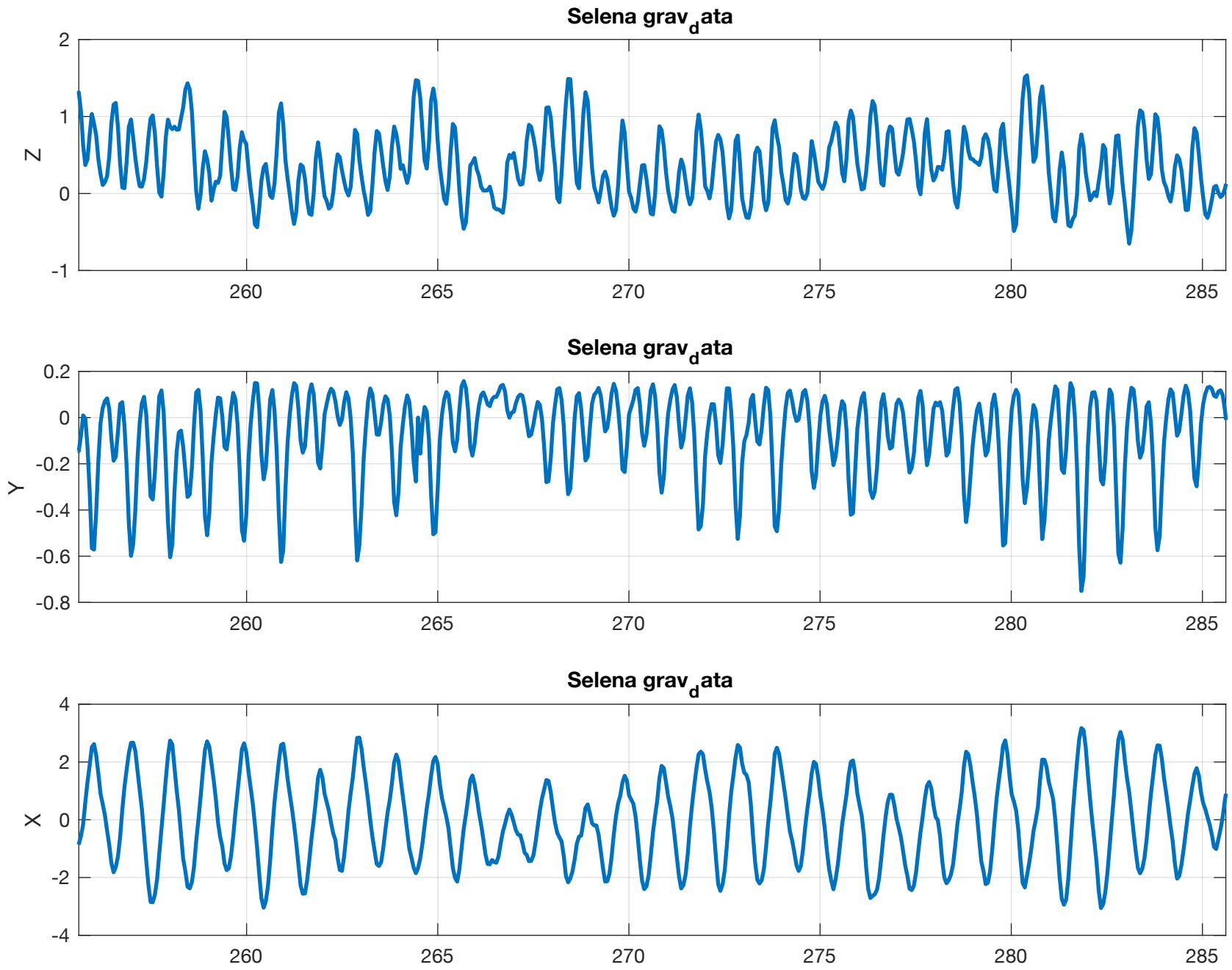

Selena Zero Cross bar_data
Pressure
0
-0.05
-0.1
-0.15
-0.2
260
265
270
275
280
285

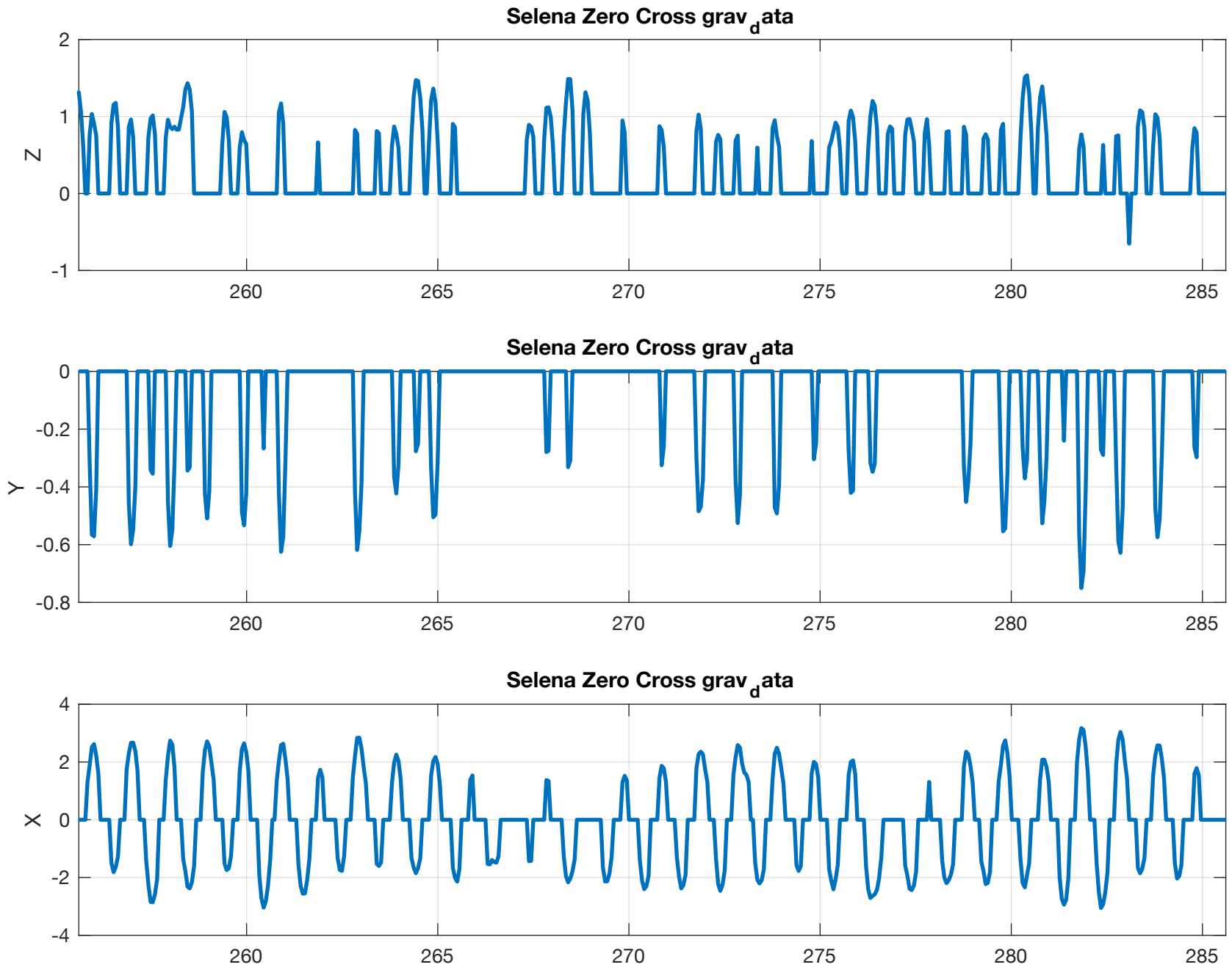
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-1948.000	-1155.000	-426.000	-773.250	"bar_data"
"Pressure"	-2016.000	-1408.000	-772.000	-773.750	"bar_data"


Selena gyro_data
Z
2
1
0
-1
-2
260
265
270
275
280
285
Selena gyro_data
Y
4
2
0
-2
-4
260
265
270
275
280
285
Selena gyro_data
X
1
0.5
0
-0.5
-1
-1.5
260
265
270
275
280
285

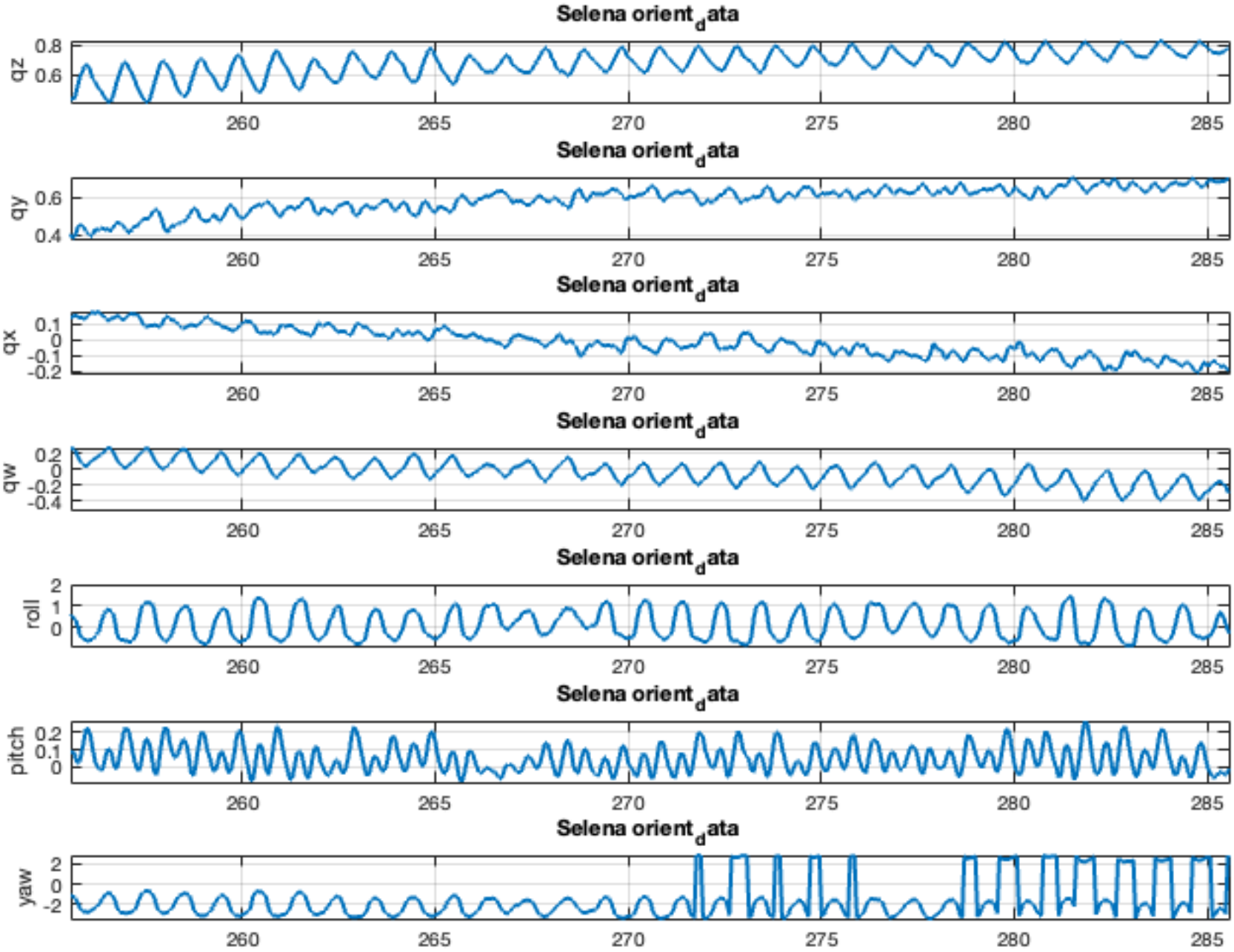

Selena Zero Cross gyro_data
Z
2
1
0
-1
-2
260
265
270
275
280
285
Selena Zero Cross gyro_data
Y
4
2
0
-2
-4
260
265
270
275
280
285
Selena Zero Cross gyro_data
X
1
0.5
0
-0.5
-1
-1.5
260
265
270
275
280
285

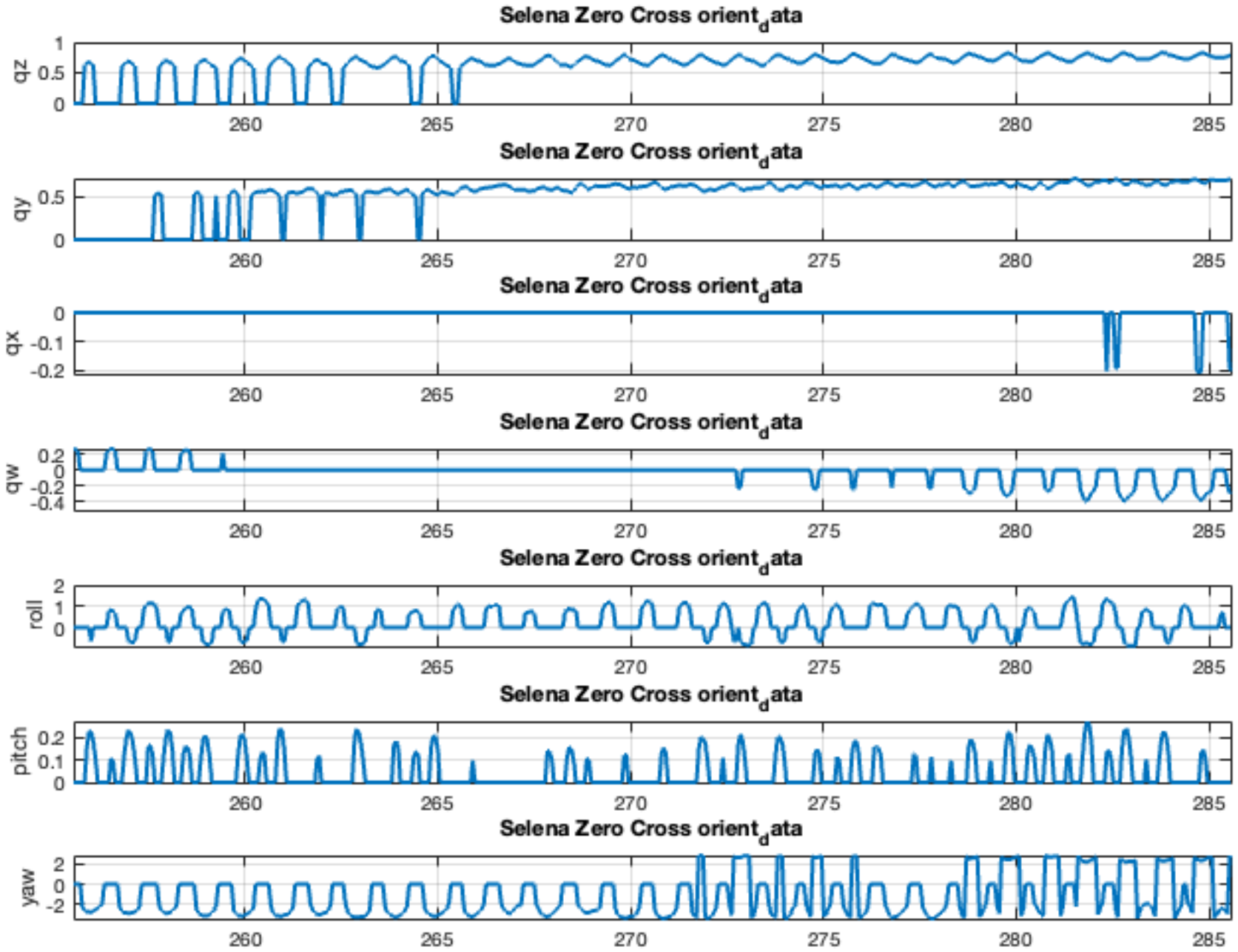
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-3753.000	-2941.000	-1207.000	-525.000	"gyro_data"
'Y'	-4039.000	-3405.000	-1229.000	-1528.500	"gyro_data"
'X'	-3719.000	-3261.000	-1251.000	-1397.500	"gyro_data"


Selena grav_data
Z
2
1
0
-1
260
265
270
275
280
285
Selena grav_data
Y
0.2
0
-0.2
-0.4
-0.6
-0.8
260
265
270
275
280
285
Selena grav_data
X
4
2
0
-2
-4
260
265
270
275
280
285


Selena Zero Cross grav_data
Z
2
1
0
-1
260
265
270
275
280
285
Selena Zero Cross grav_data
Y
0
-0.2
-0.4
-0.6
-0.8
260
265
270
275
280
285
Selena Zero Cross grav_data
X
4
2
0
-2
-4
260
265
270
275
280
285

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-2529.000	-1460.000	-626.000	-559.250	"grav_data"
'Y'	-2497.000	-2327.000	-786.000	-232.750	"grav_data"
'X'	-2156.000	-1430.000	-552.000	-400.250	"grav_data"


Selena orient_data
qz
0.8
0.6
260
265
270
275
280
285
Selena orient_data
qy
0.6
0.4
260
265
270
275
280
285
Selena orient_data
qx
0.1
0
-0.1
-0.2
260
265
270
275
280
285
Selena orient_data
qw
0.2
0
-0.2
-0.4
260
265
270
275
280
285
Selena orient_data
roll
2
1
0
260
265
270
275
280
285
Selena orient_data
pitch
0.2
0.1
0
260
265
270
275
280
285
Selena orient_data
yaw
2
0
-2
260
265
270
275
280
285


Selena Zero Cross orientdata
qz
1
0.5
0
260
265
270
275
280
285
Selena Zero Cross orientdata
qy
0.5
0
260
265
270
275
280
285
Selena Zero Cross orientdata
qx
0
-0.1
-0.2
260
265
270
275
280
285
Selena Zero Cross orientdata
qw
0.2
0
-0.2
-0.4
260
265
270
275
280
285
Selena Zero Cross orientdata
roll
2
1
0
260
265
270
275
280
285
Selena Zero Cross orientdata
pitch
0.2
0.1
0
260
265
270
275
280
285
Selena Zero Cross orientdata
yaw
2
0
-2
260
265
270
275
280
285

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-2303.000	-1125.000	-385.000	-260.250	"orient_data"
'qy'	-2703.000	-1348.000	-496.000	-249.000	"orient_data"
'qx'	-2785.000	-1386.000	-533.000	-140.500	"orient_data"
'qw'	-2296.000	-1212.000	-479.000	-177.500	"orient_data"
'roll'	-2371.000	-1406.000	-587.000	-559.000	"orient_data"
'pitch'	-2455.000	-1195.000	-564.000	-493.250	"orient_data"
'yaw'	-2676.000	-1734.000	-655.000	-541.250	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'double_findpeaks'	1231.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	426.000
'gyro_data'	"Z"	'zero_cross'	525.000
'grav_data'	"Y"	'zero_cross'	232.750
'orient_data'	"qx"	'zero_cross'	140.500