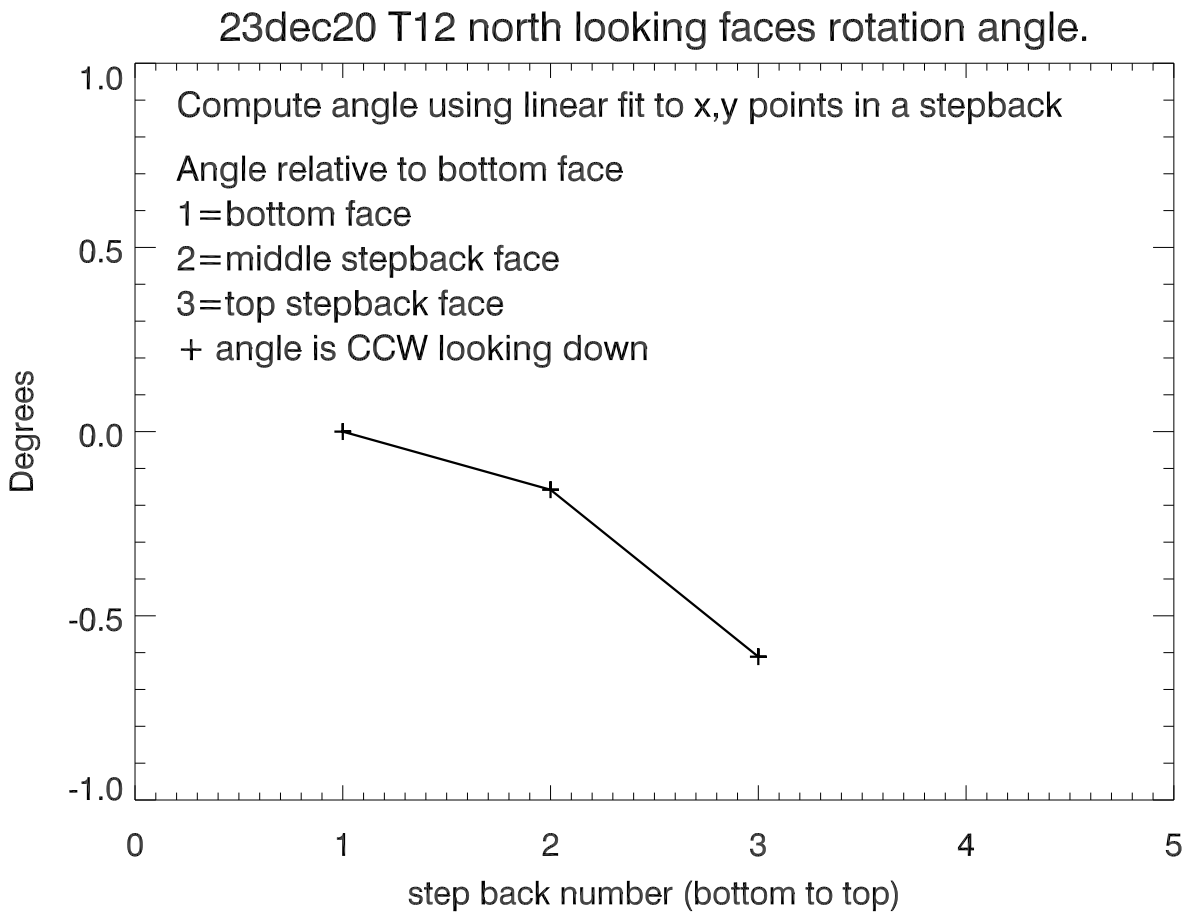
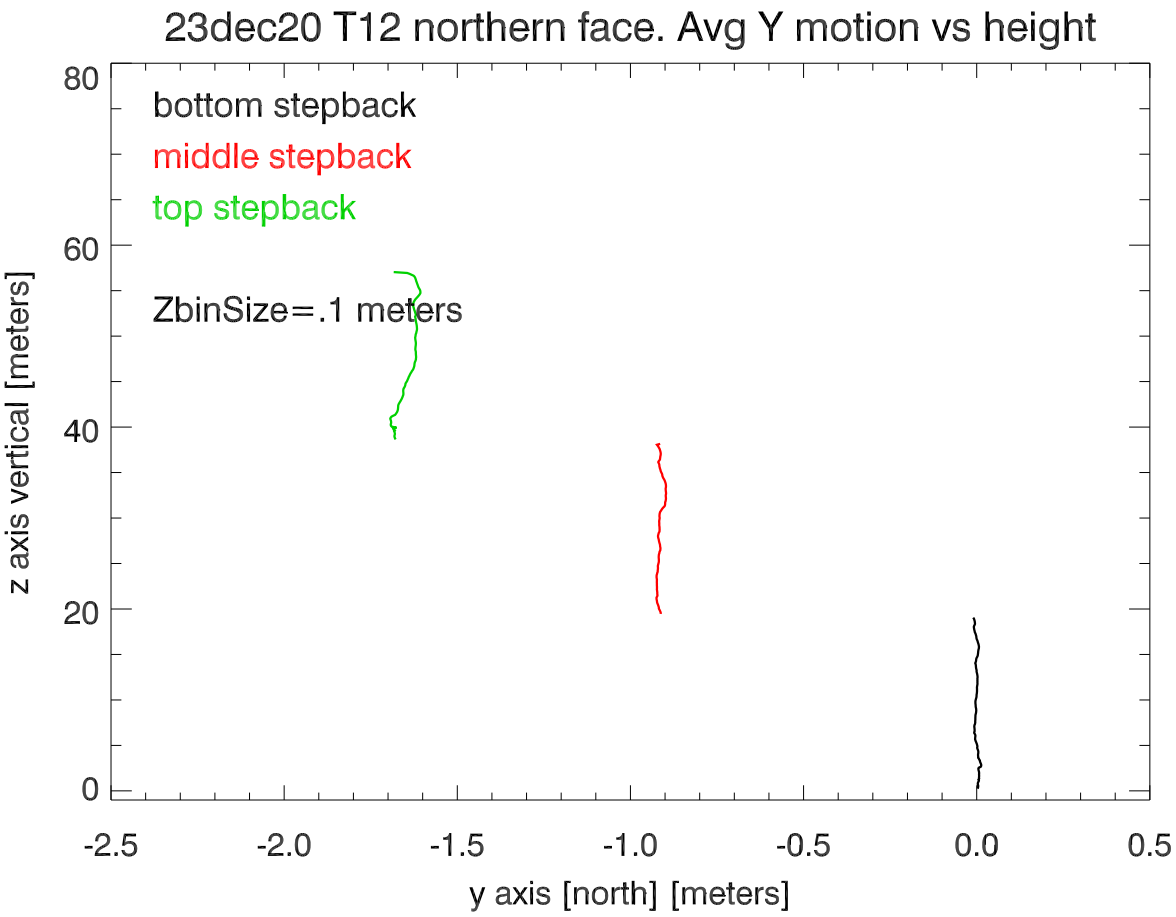
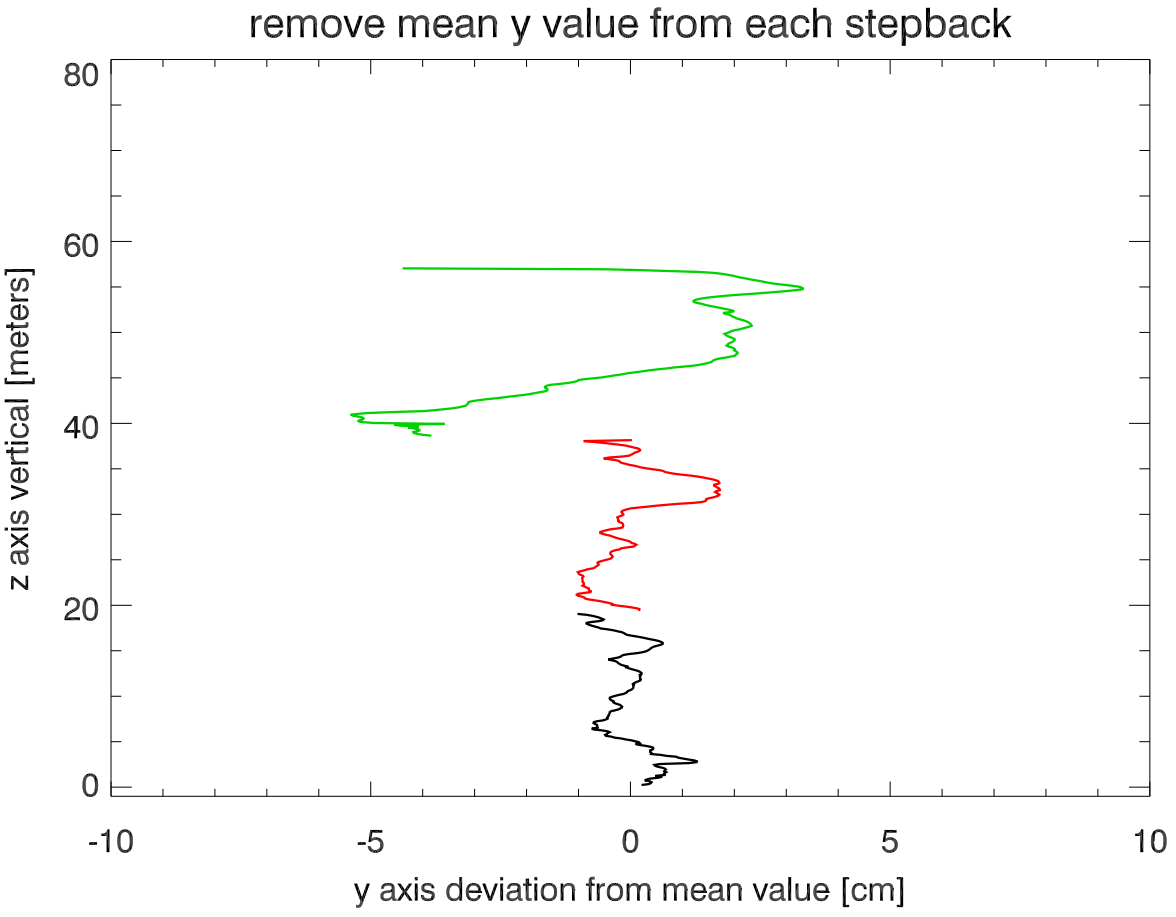

23dec20 T12 north looking faces rotation angle.
Compute angle using linear fit to x,y points in a stepback
Angle relative to bottom face
1=bottom face
2=middle stepback face
3=top stepback face
+ angle is CCW looking down
Degrees
1.0
0.5
0.0
-0.5
-1.0
0
1
2
3
4
5
step back number (bottom to top)


23dec20 T12 northern face. Avg Y motion vs height
bottom stepback
middle stepback
top stepback
ZbinSize=.1 meters
z axis vertical [meters]
y axis [north] [meters]
80
60
40
20
0
-2.5
-2.0
-1.5
-1.0
-0.5
0.0
0.5


remove mean y value from each stepback
z axis vertical [meters]
y axis deviation from mean value [cm]
80
60
40
20
0
-10
-5
0
5
10