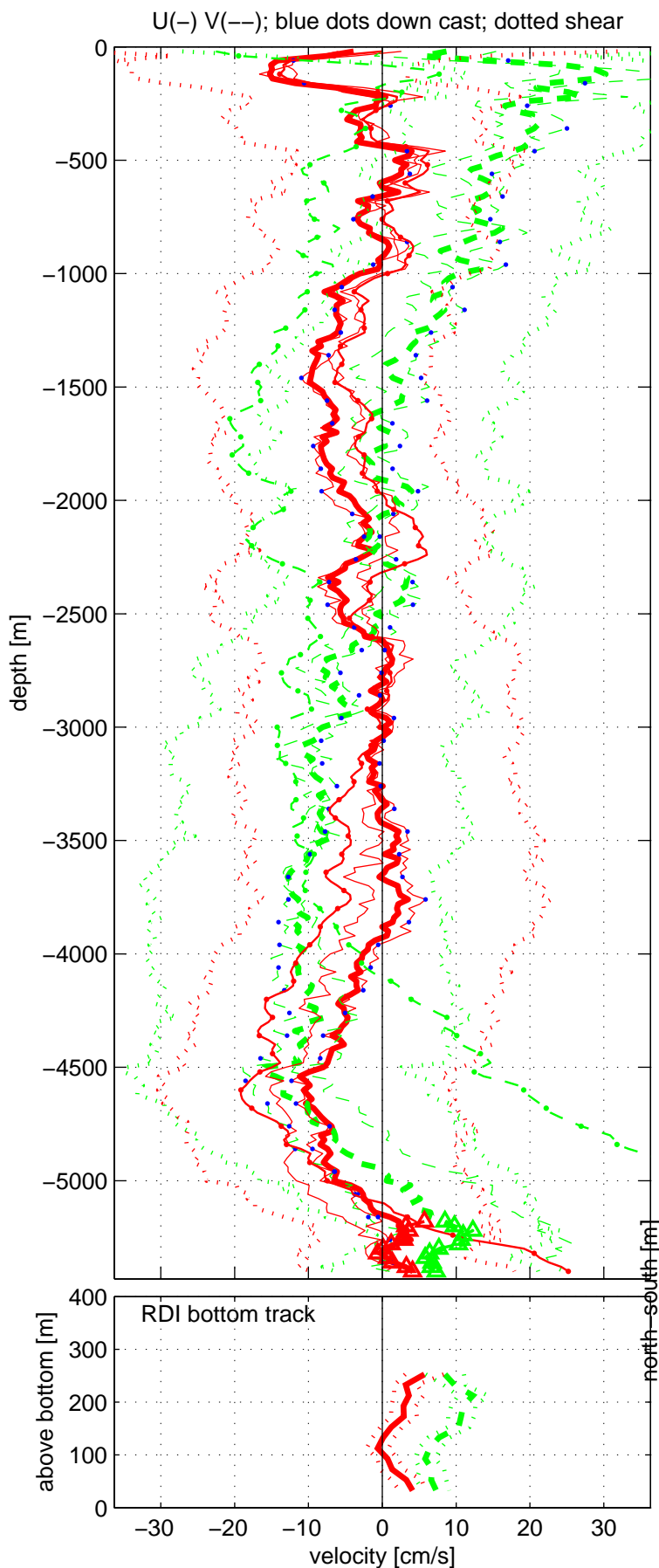


Station : AB1502_AT_SEA_005 Figure 1



Start: 26° 29.9556'N 71° 29.9537'W

17-Feb-2015 19:27:10

End: 26° 29.5254'N 71° 26.9696'W

17-Feb-2015 23:02:56

u-mean: -3 cm/s v-mean 0 cm/s

binsize do: 16 m binsize up: 8 m

S/N down : 18144 S/N up : 21584

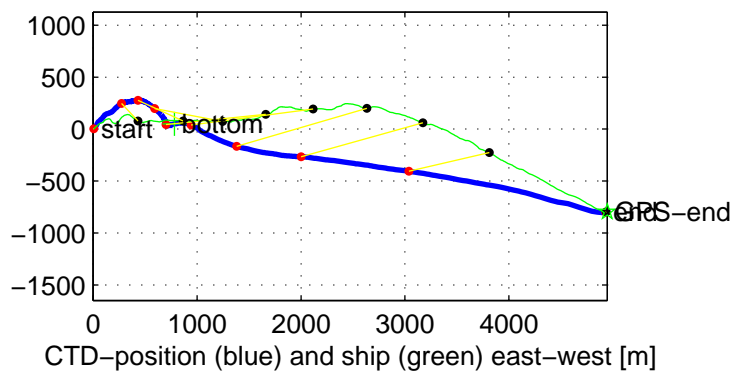
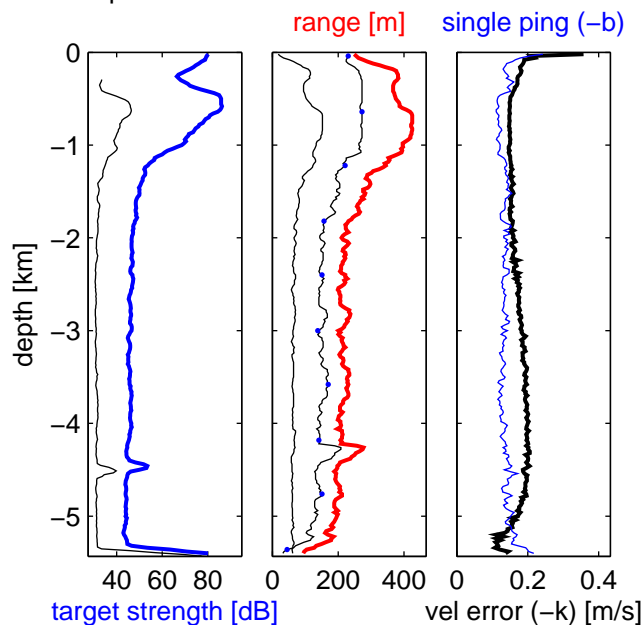
mag. deviation -11.5°

wdiff: 0.08 pglim: 0.3 elim 0.2

bar:1.0 bot:5.0

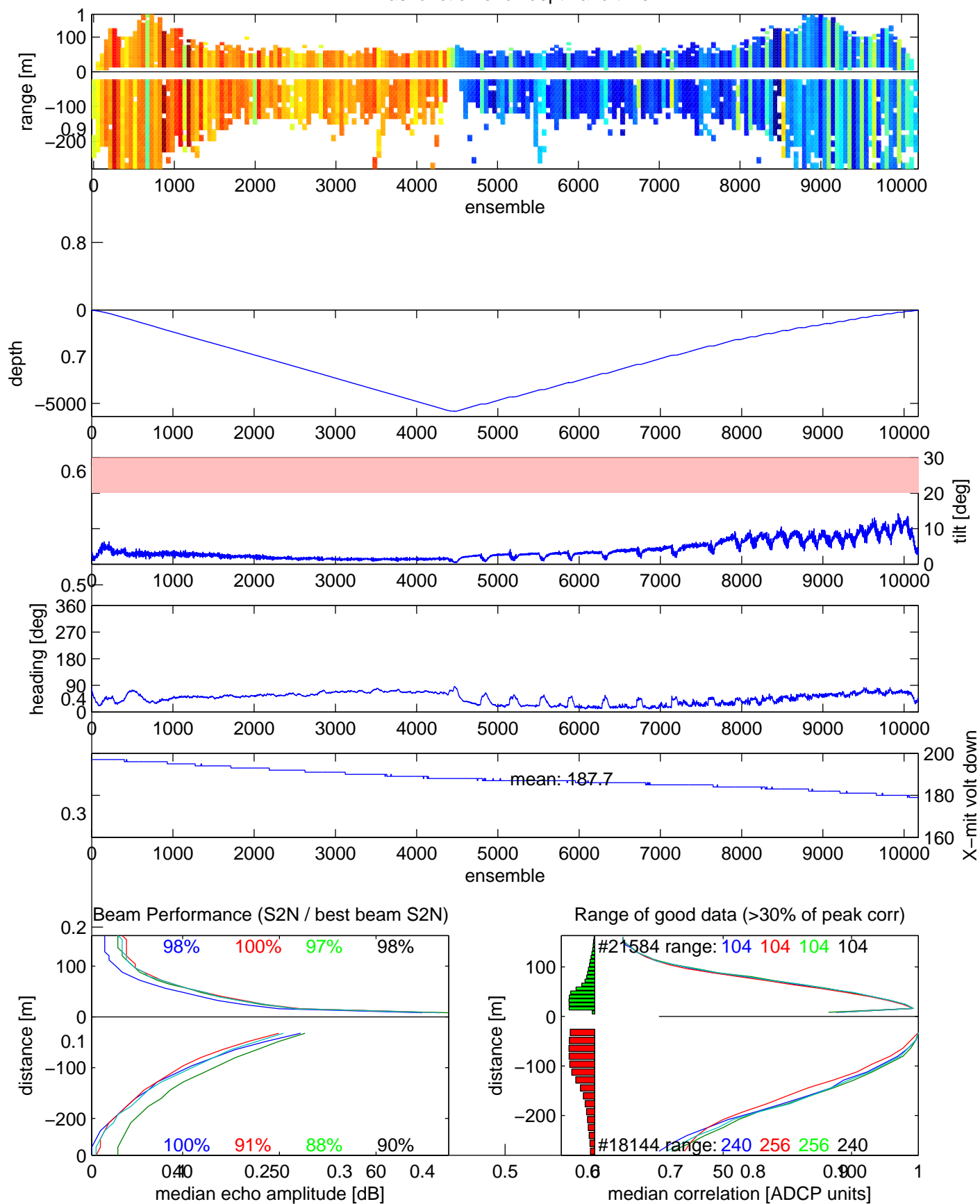
weightmin 0.1 weightpower: 1.0

max depth: 5417 m bottom: 5433 m

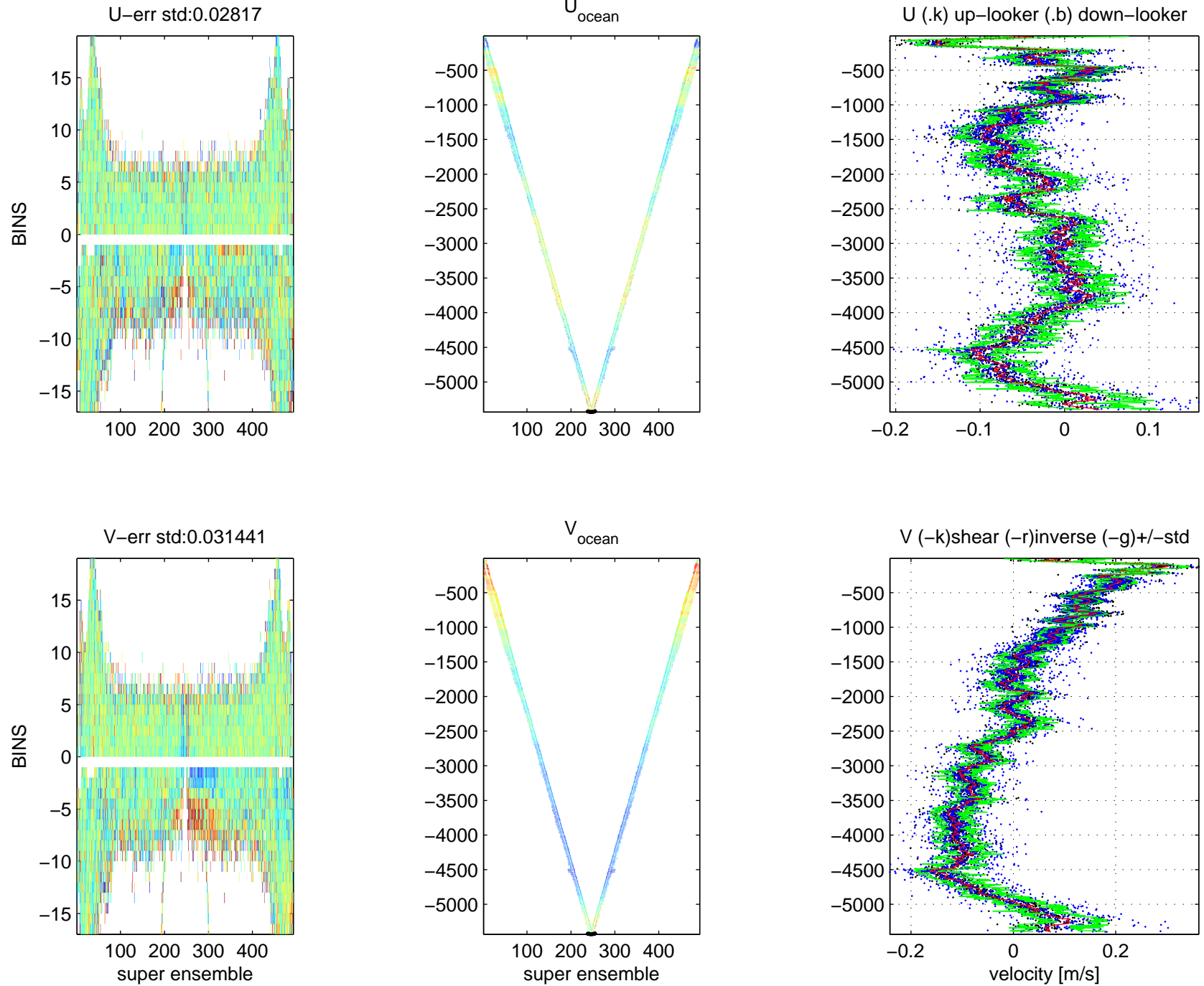


AB1502_AT_SEA_005 Figure 2

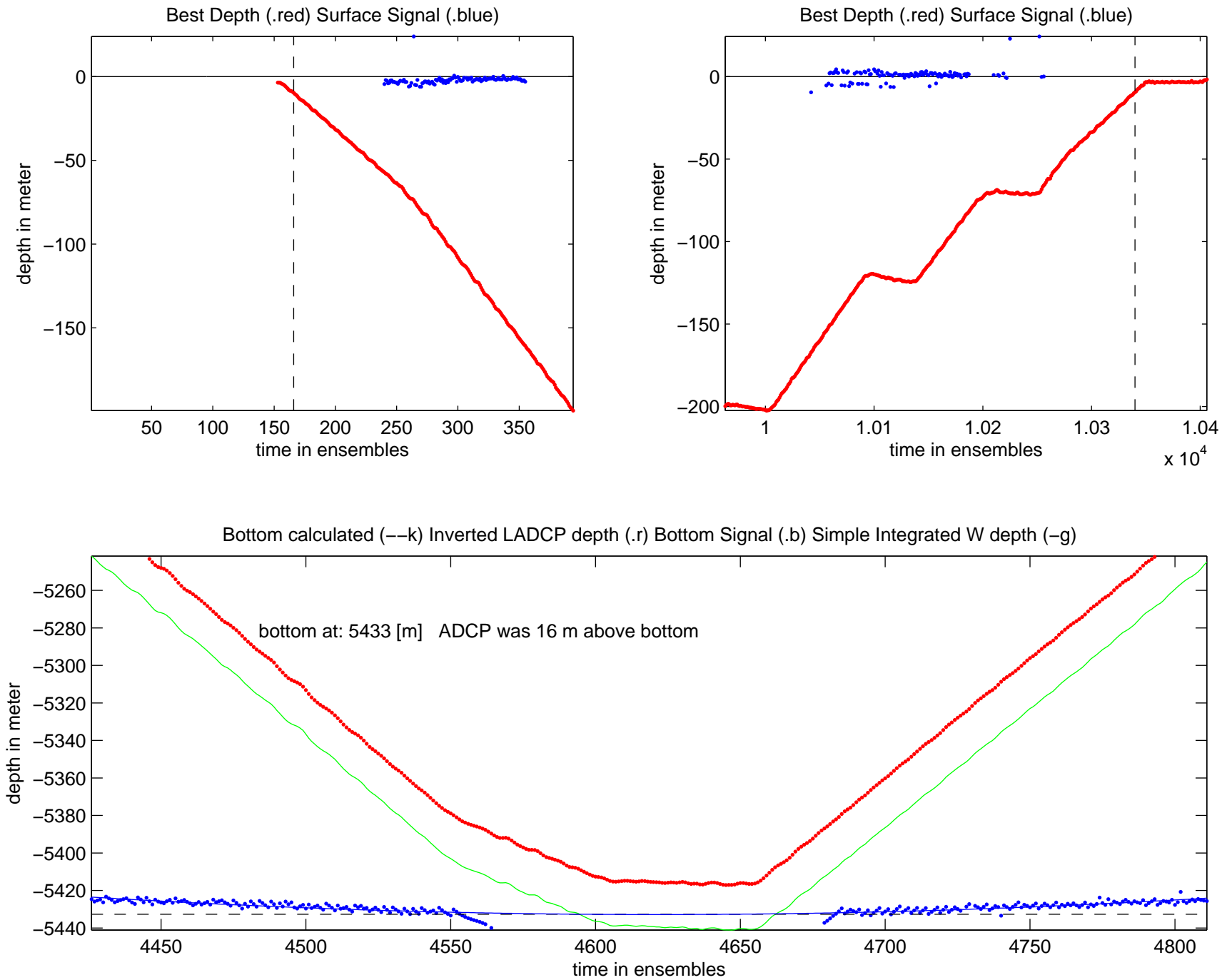
W as function of bindepth and time



AB1502_AT_SEA_005 Figure 3

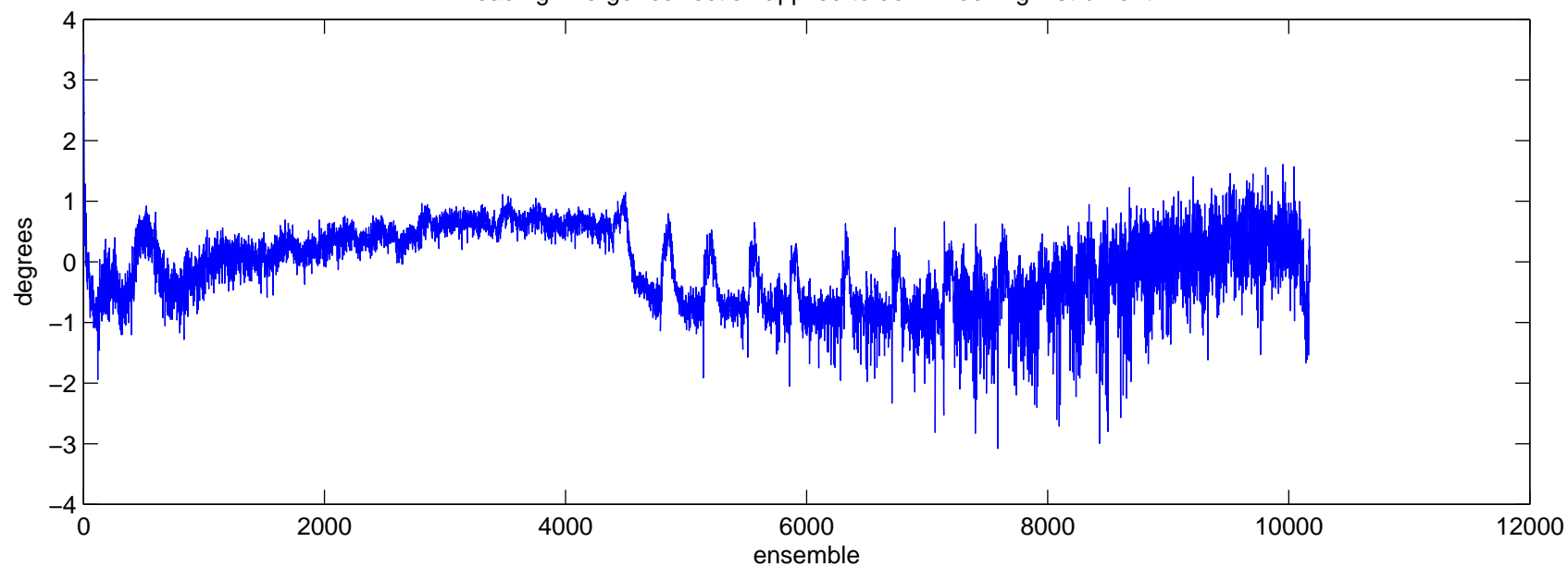


AB1502_AT_SEA_005 Figure 4

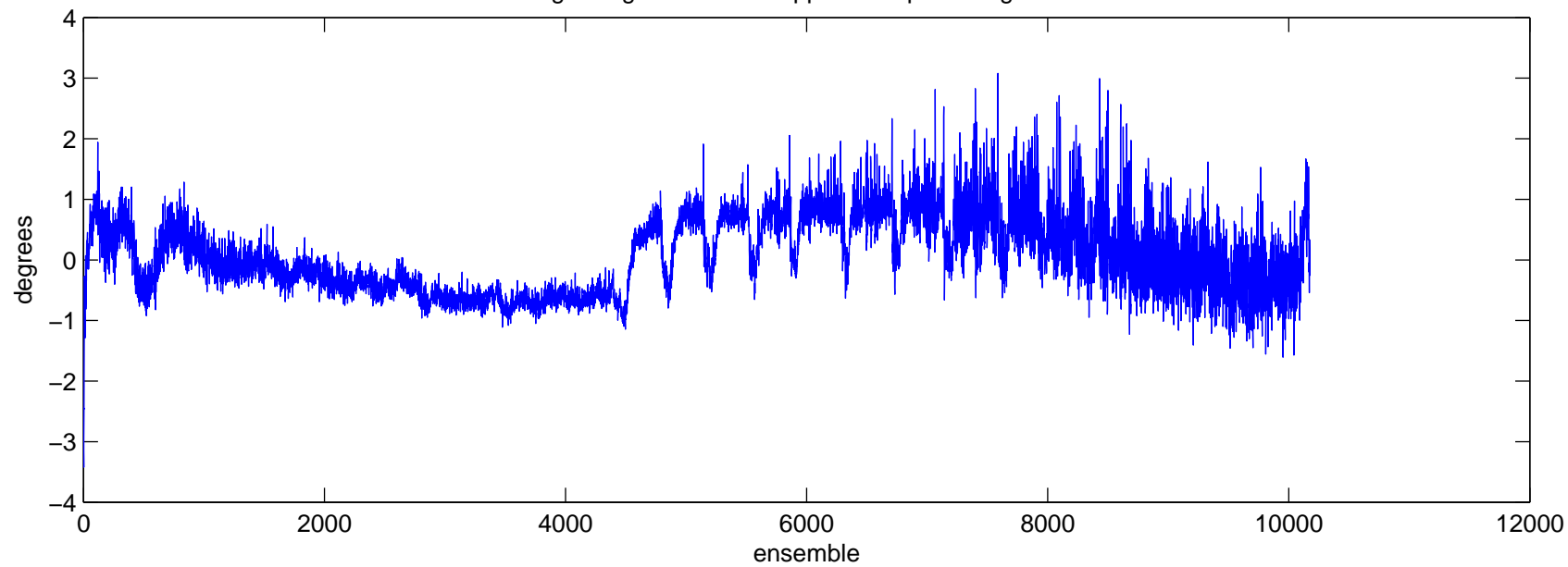


AB1502_AT_SEA_005 Figure 5

heading-merger correction applied to down-looking instrument

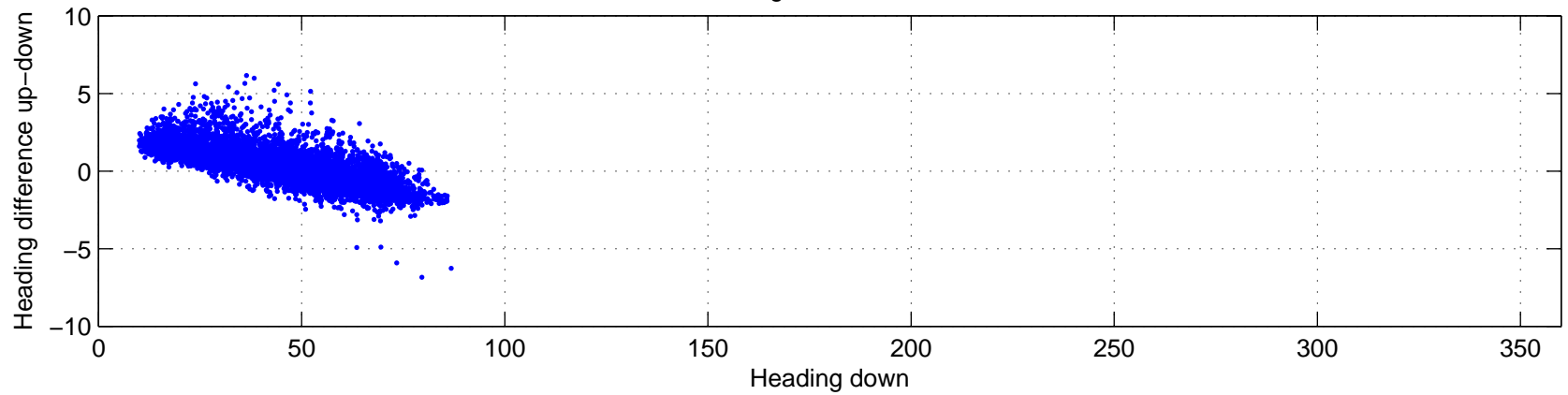


heading-merger correction applied to up-looking instrument

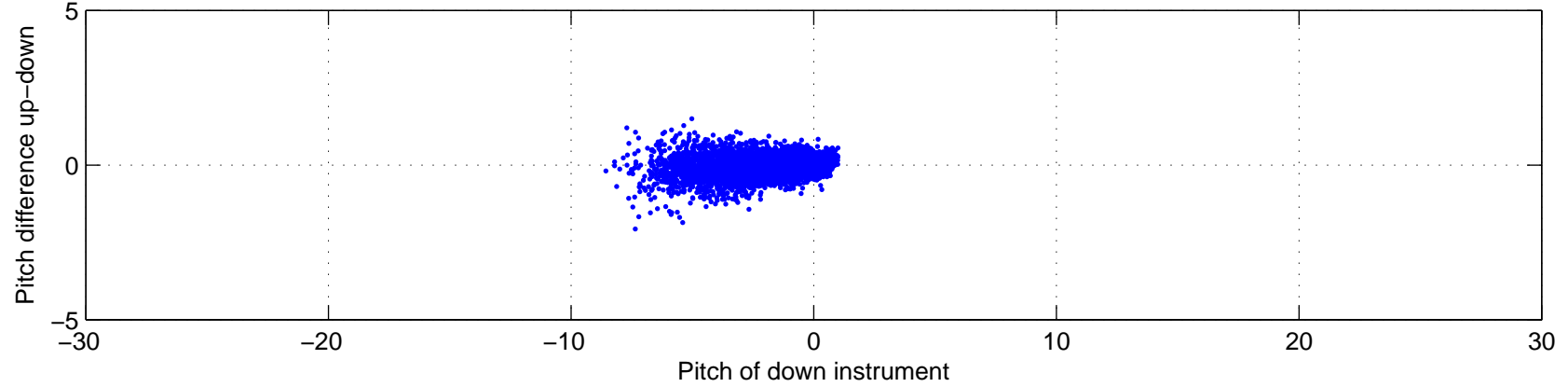


AB1502_AT_SEA_005 Figure 6

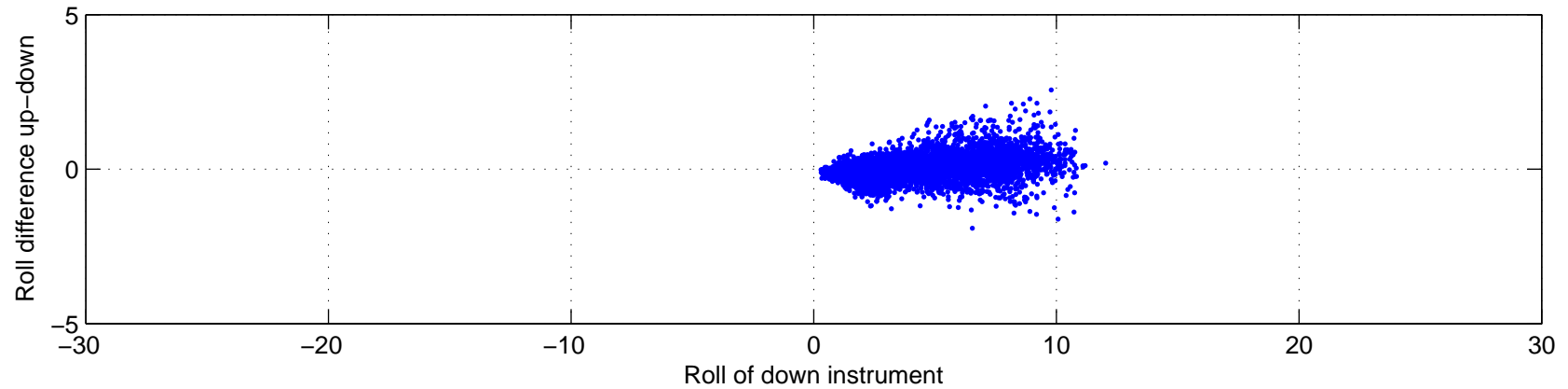
Heading offset : -94.2435



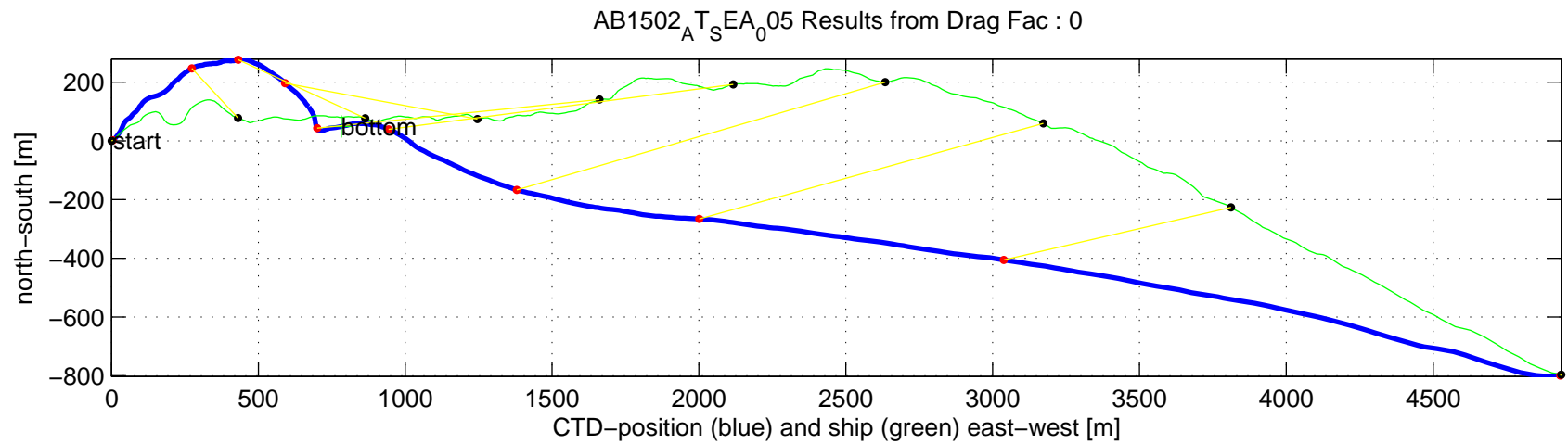
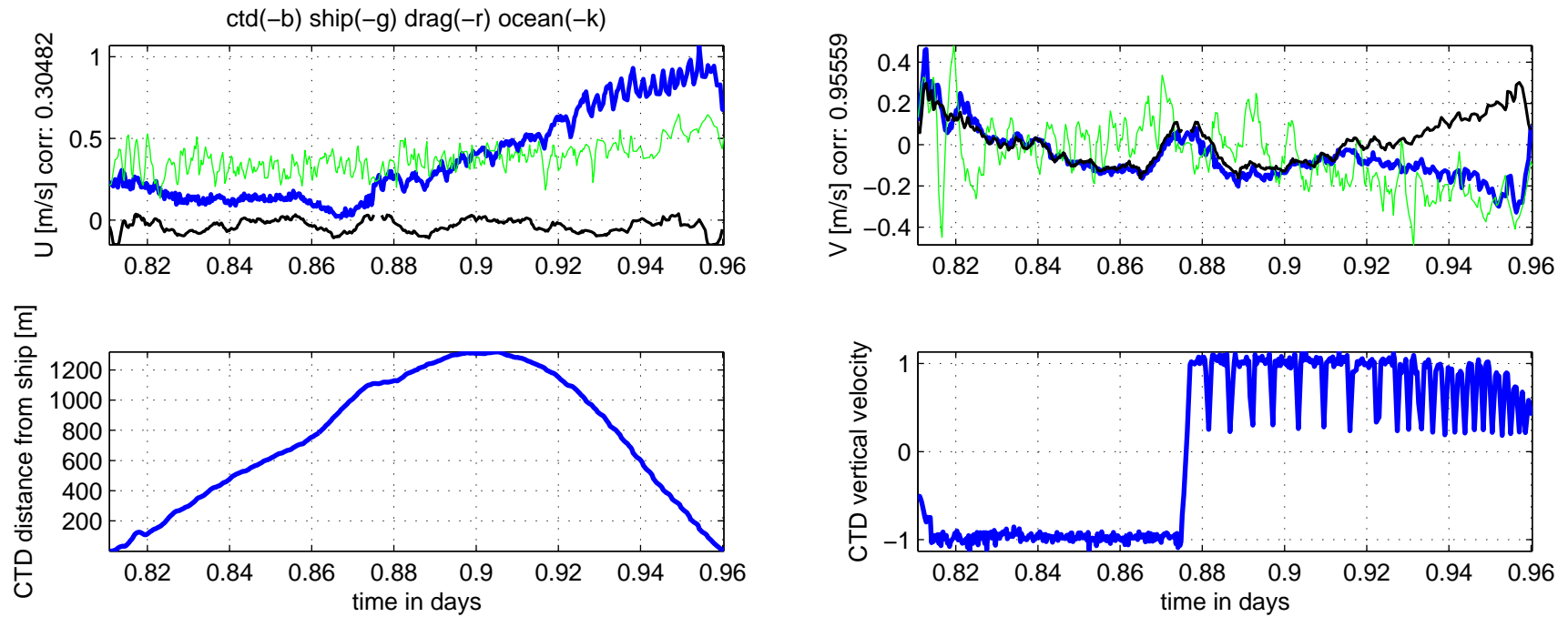
Pitch offset : 0.42234



Roll offset : 0.63094

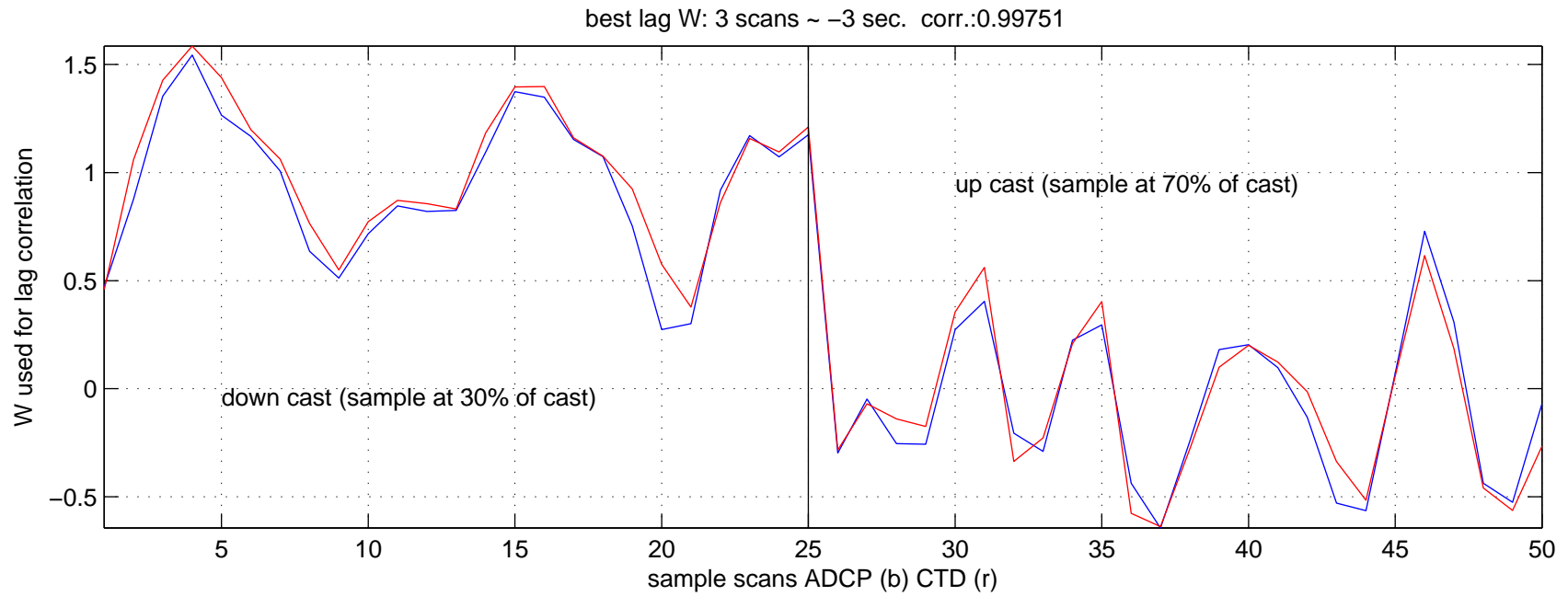
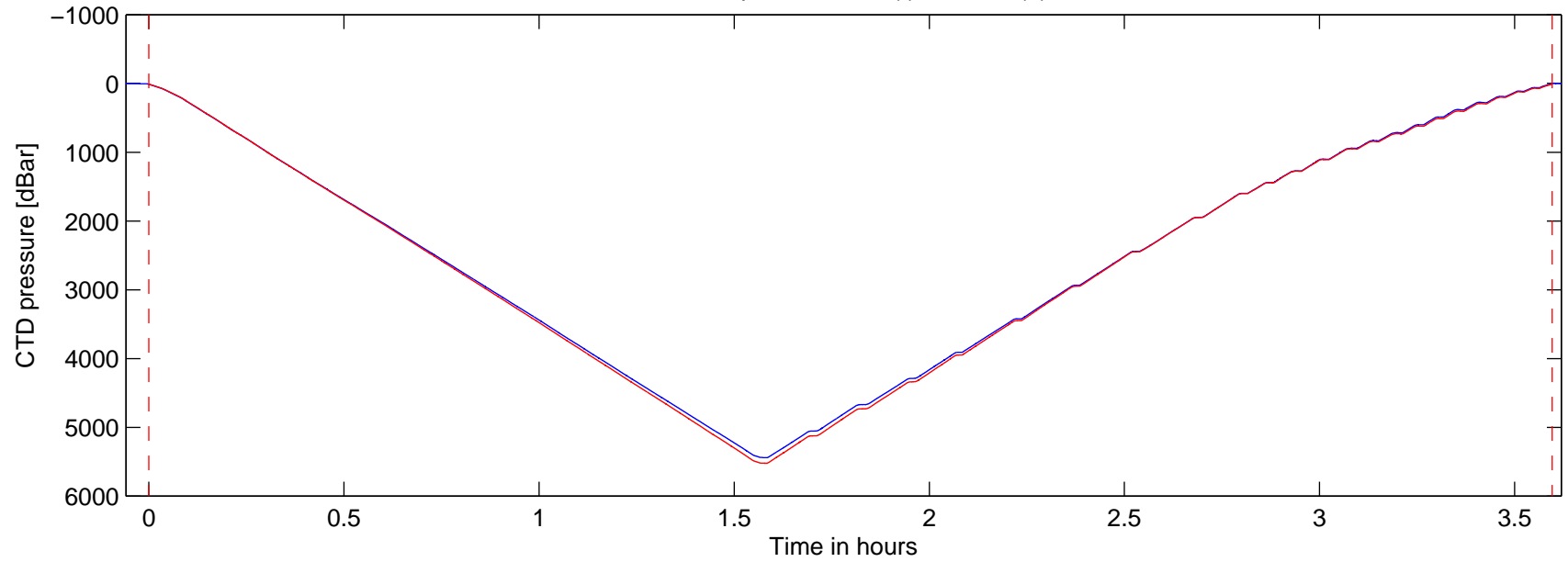


AB1502_AT_SEA_005 Figure 7



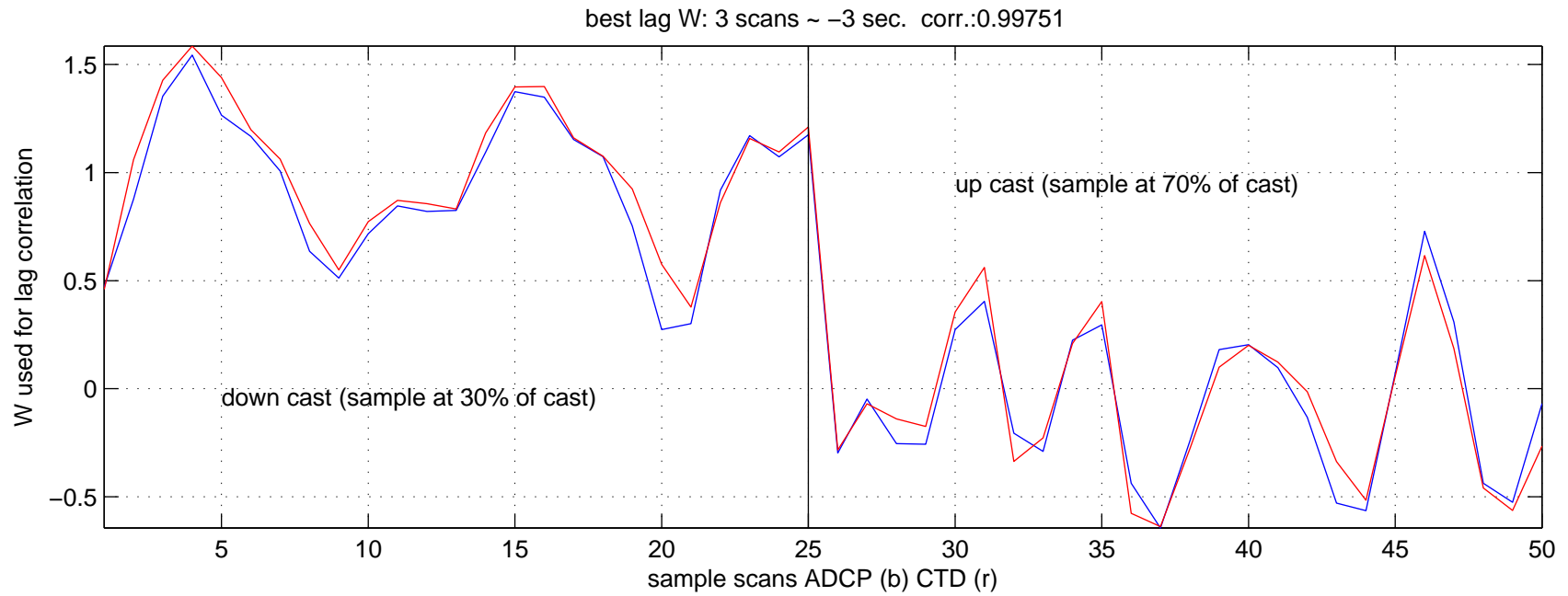
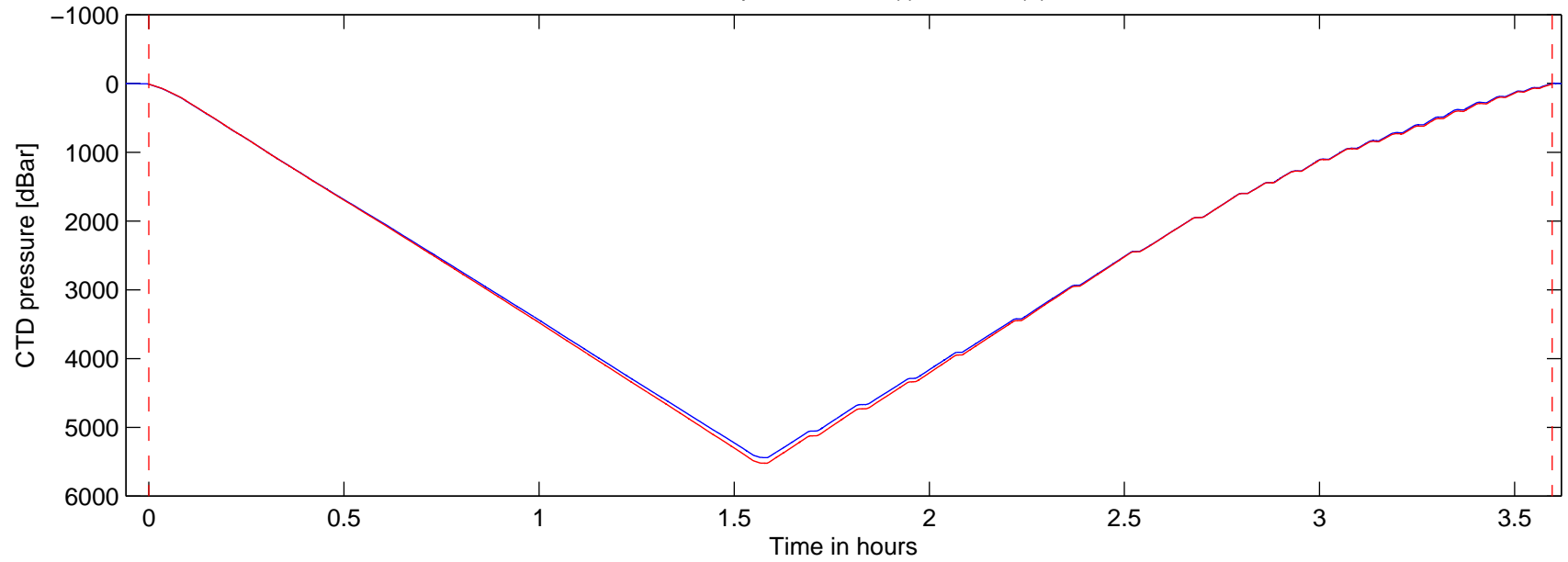
AB1502_AT_SEA_005 Figure 8

Cut CTD profile CTD (r) LADCP (b)

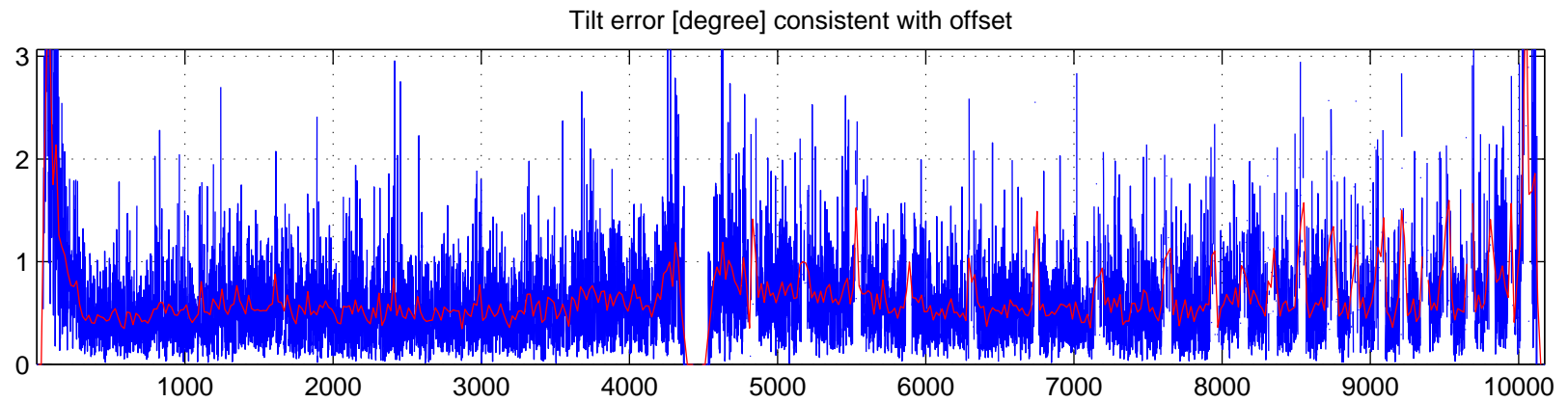
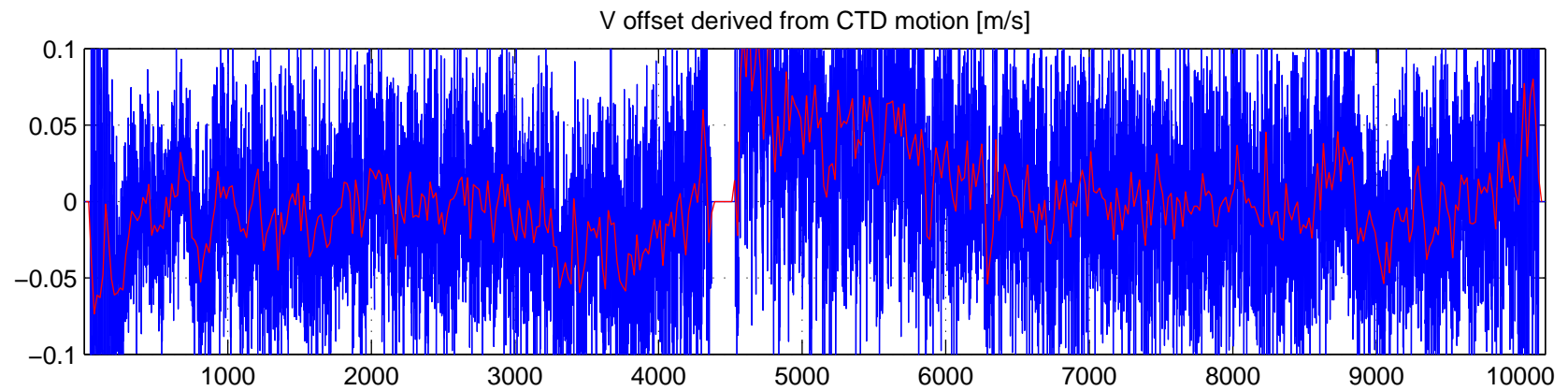
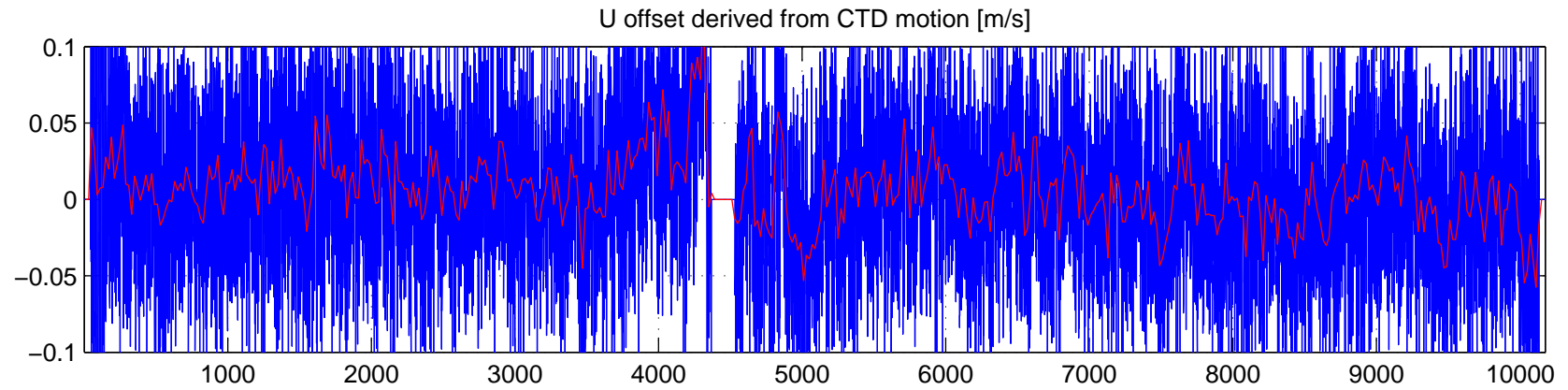


AB1502_AT_SEA_005 Figure 8

Cut CTD profile CTD (r) LADCP (b)



AB1502_AT_SEA_005 Figure 10



LADCP WARNINGS

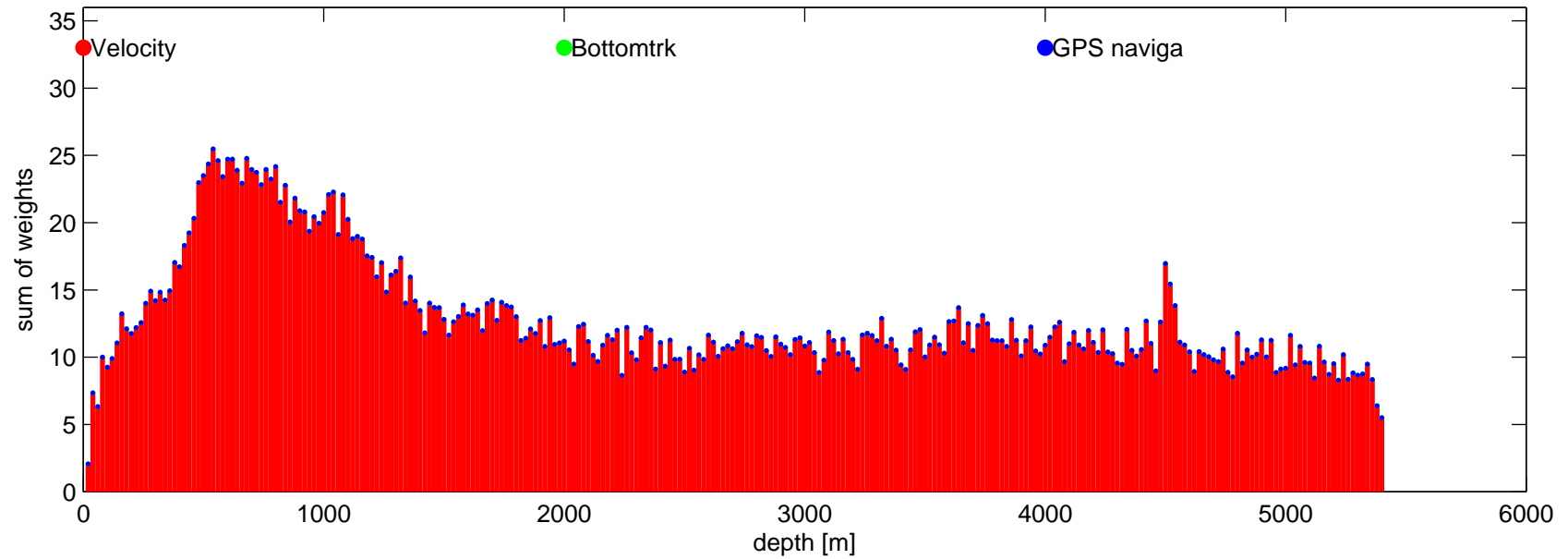
- > Increased error because of shear – inverse difference
- > Battery voltage is unknown. Need calibration coeff.

LADCP processing warnings:

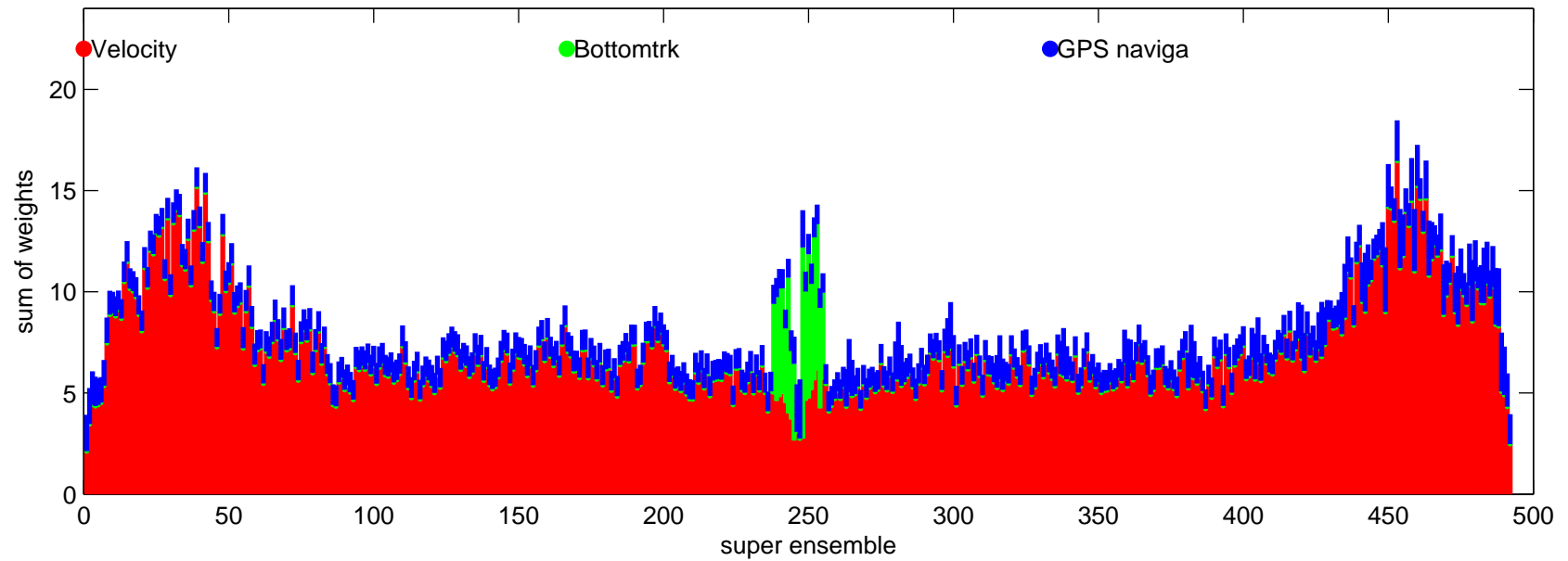
Battery Voltage is NaN V

AB1502_AT_SEA_005 Figure 12

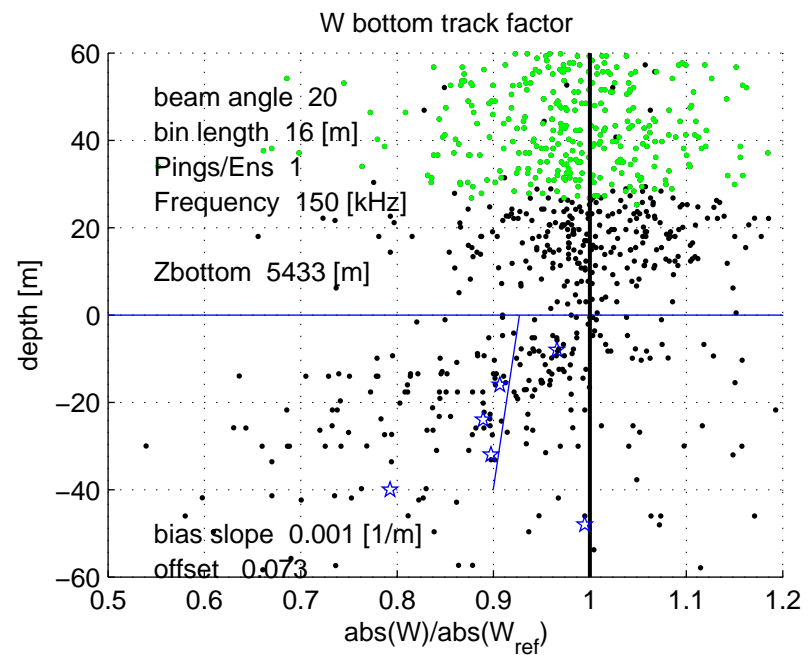
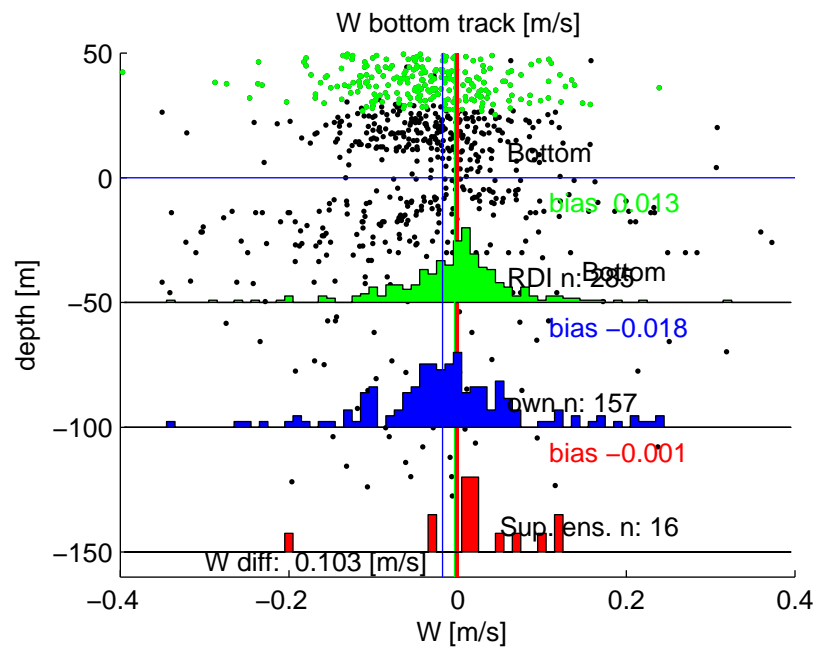
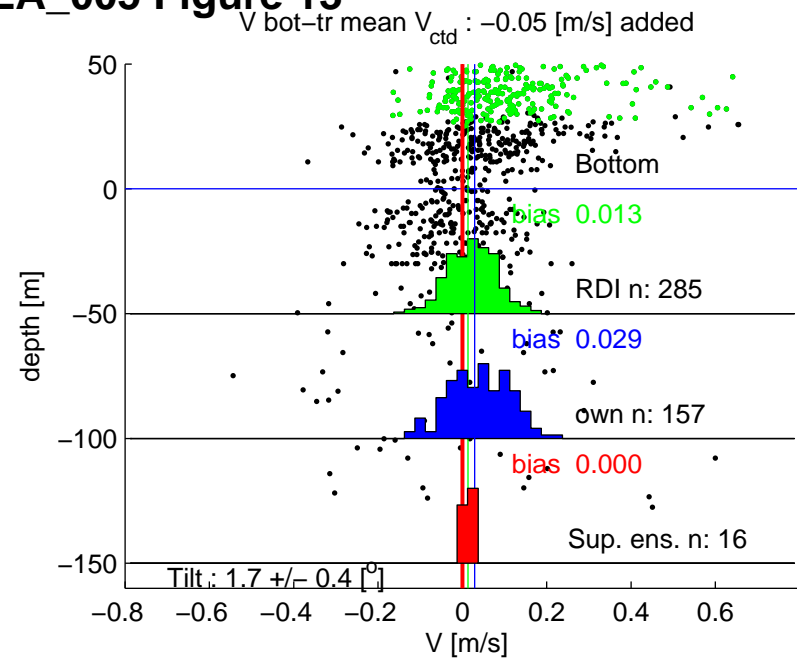
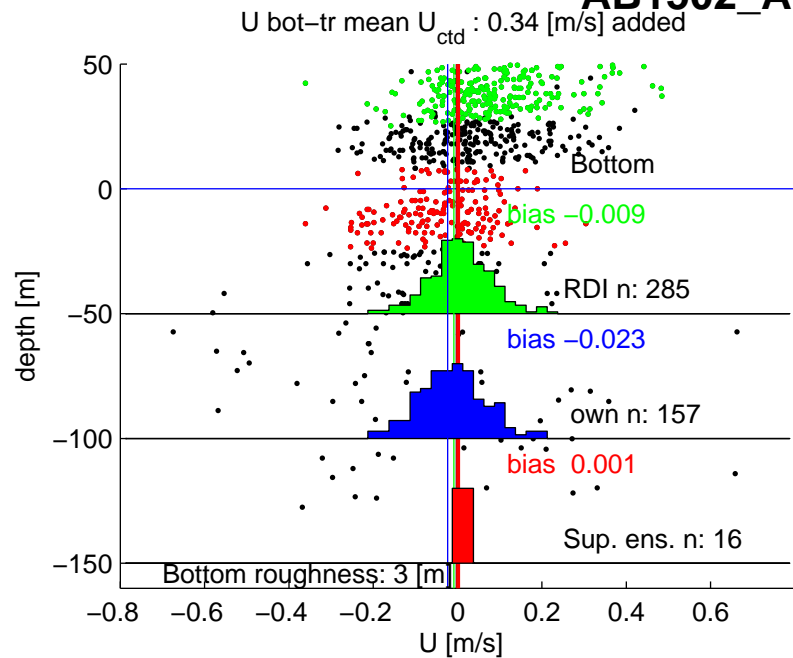
ocean velocity constraints



CTD velocity constraints

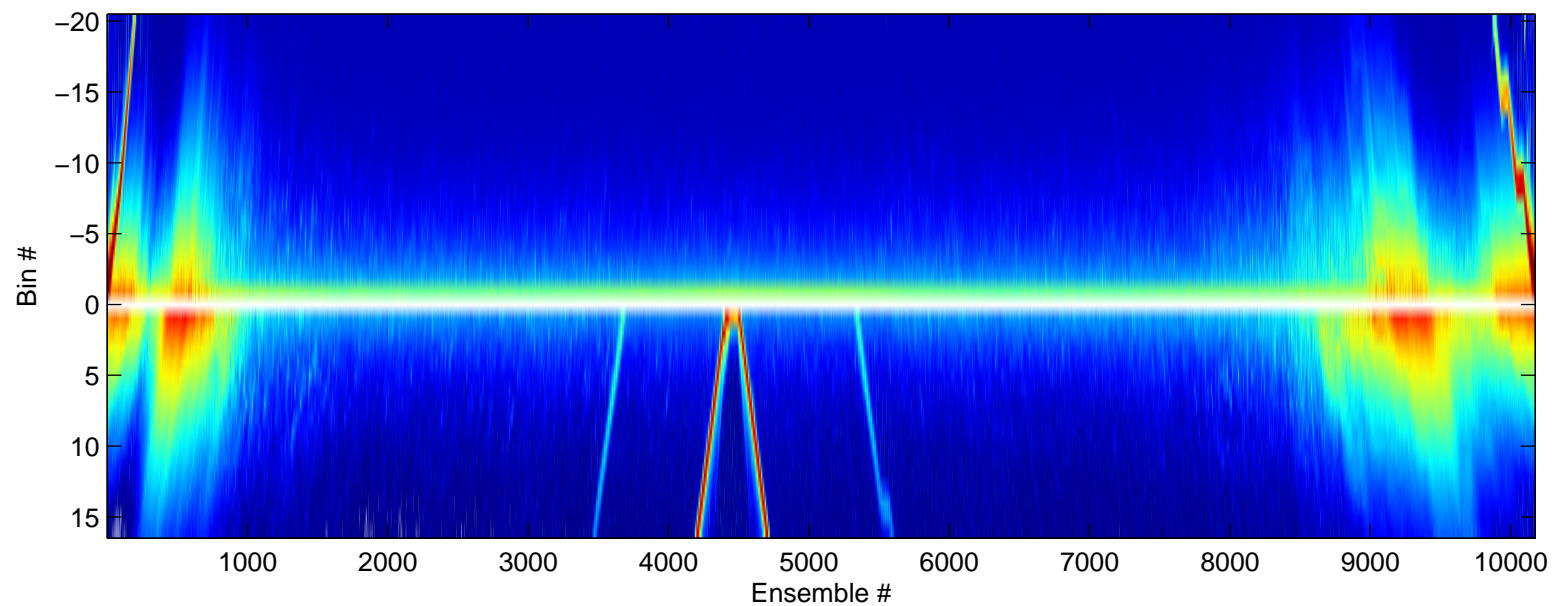


AB1502_AT_SEA_005 Figure 13

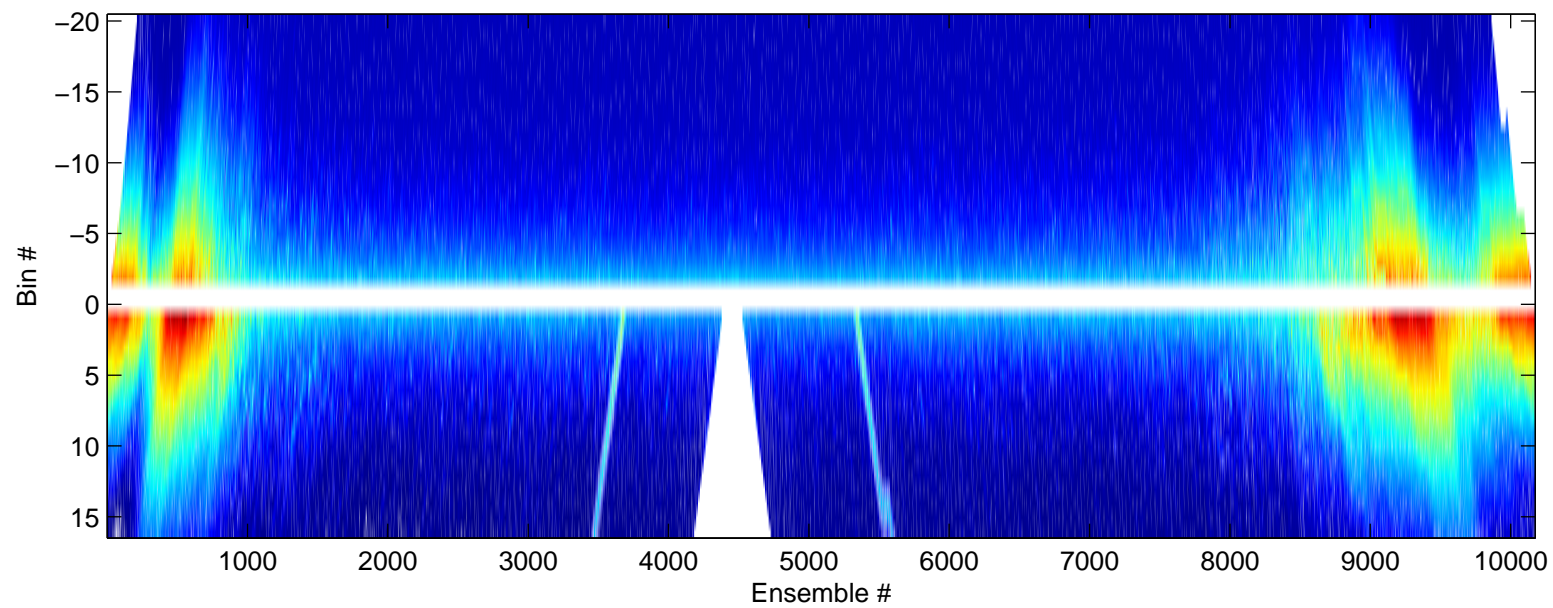


AB1502_AT_SEA_005 Figure 14

Before Data Editing

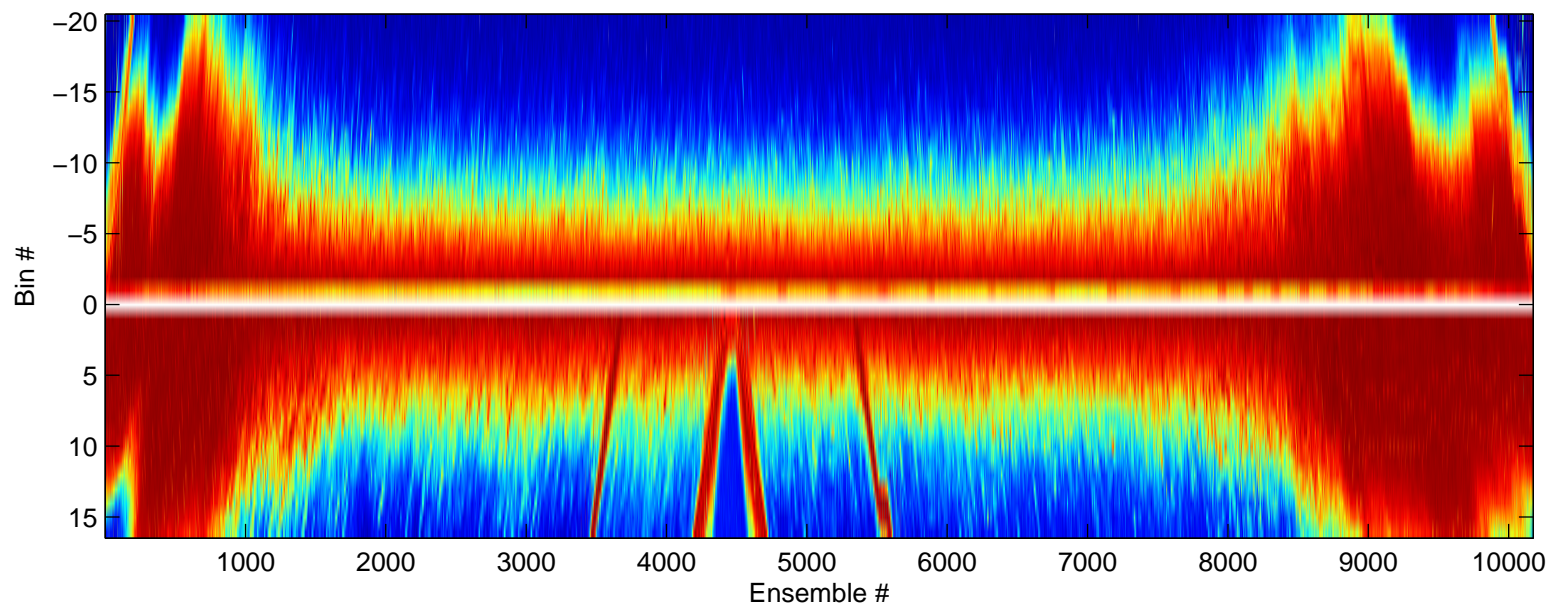


After Data Editing

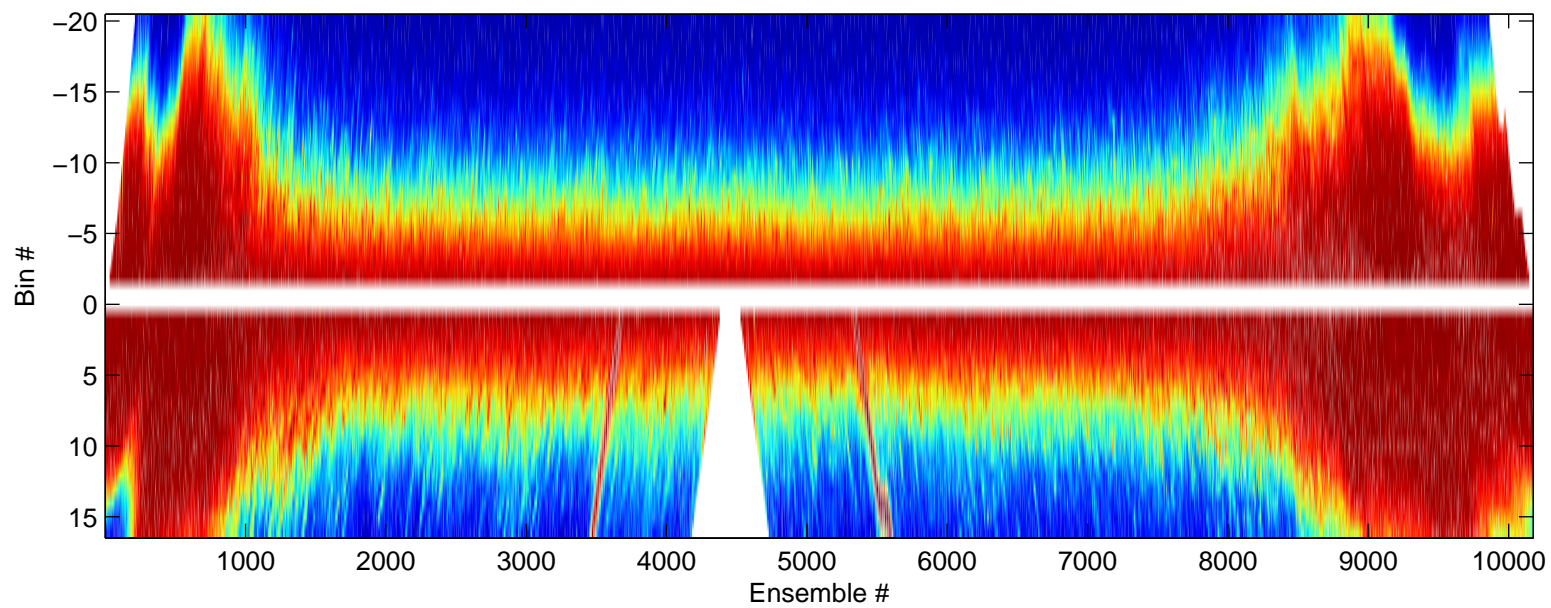


AB1502_AT_SEA_005 Figure 15

Before Data Editing

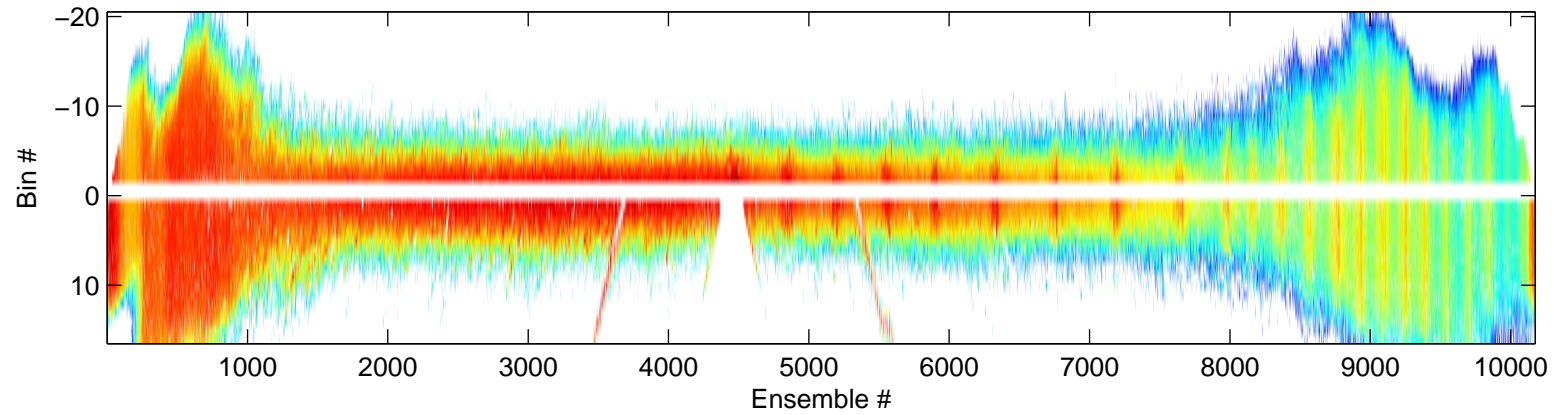


After Data Editing

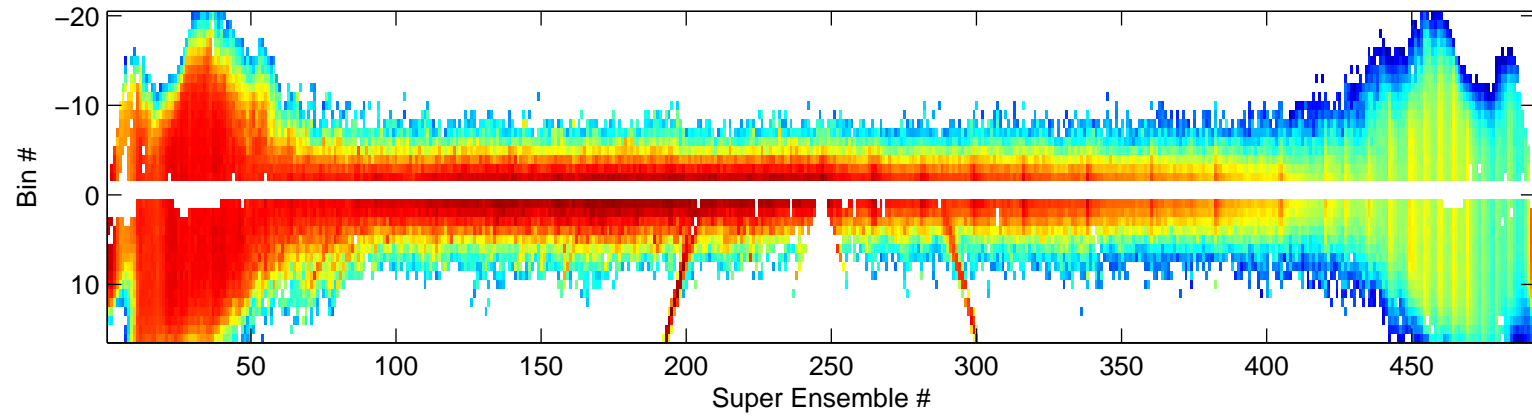


AB1502_AT_SEA_005 Figure 16

Weights based on various parameters



Weights based on various parameters



Weights based on standard deviation of super ensembles

