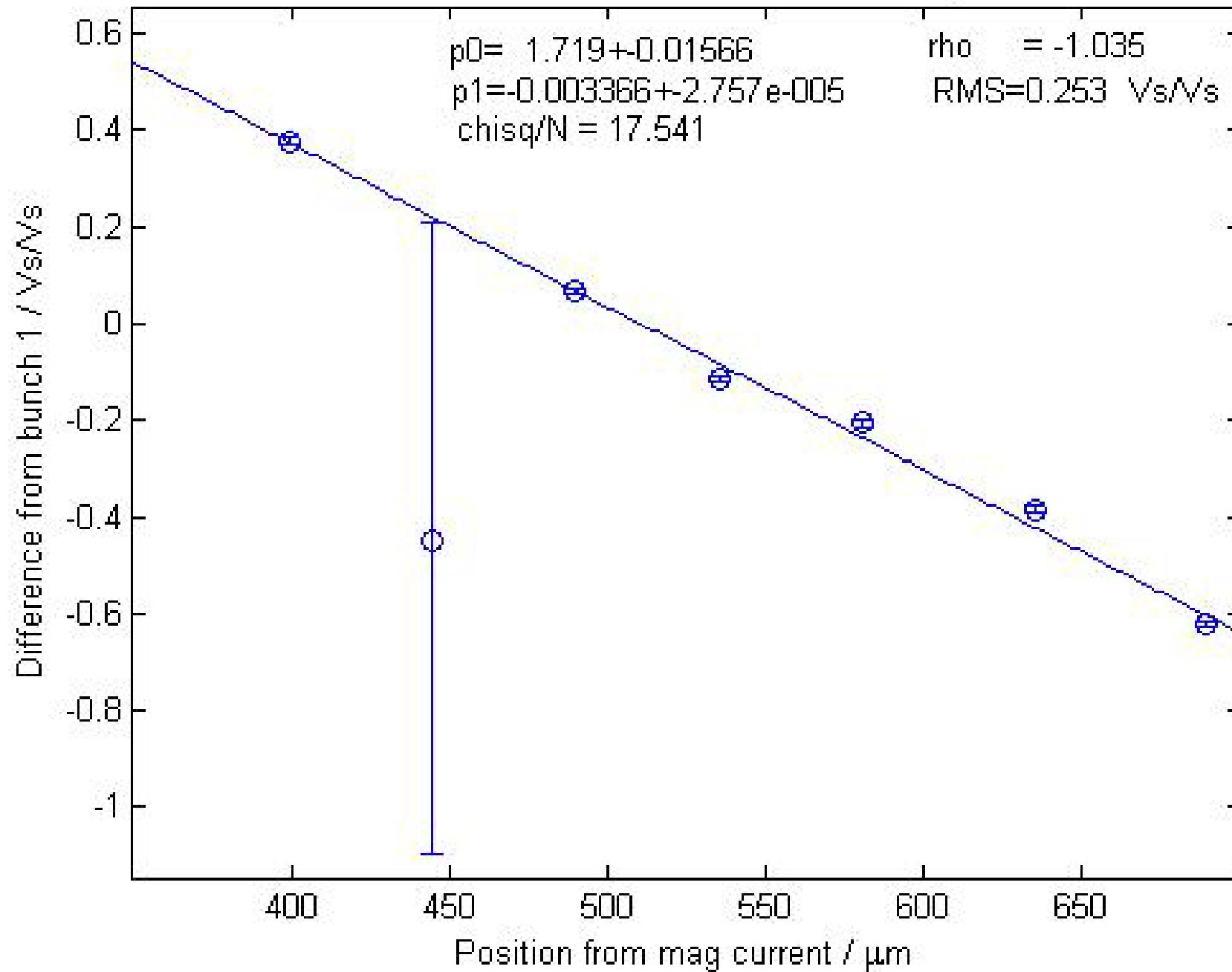
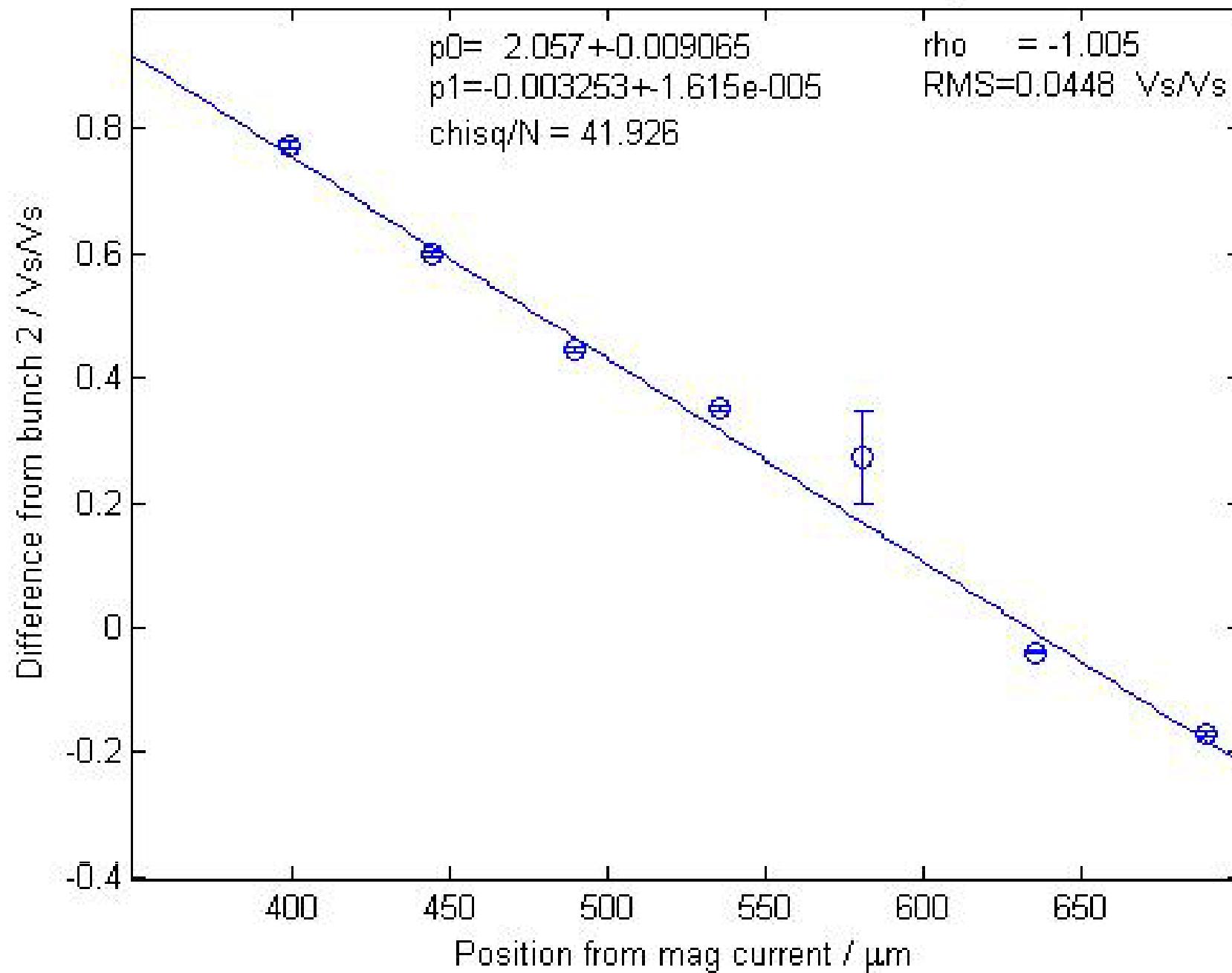


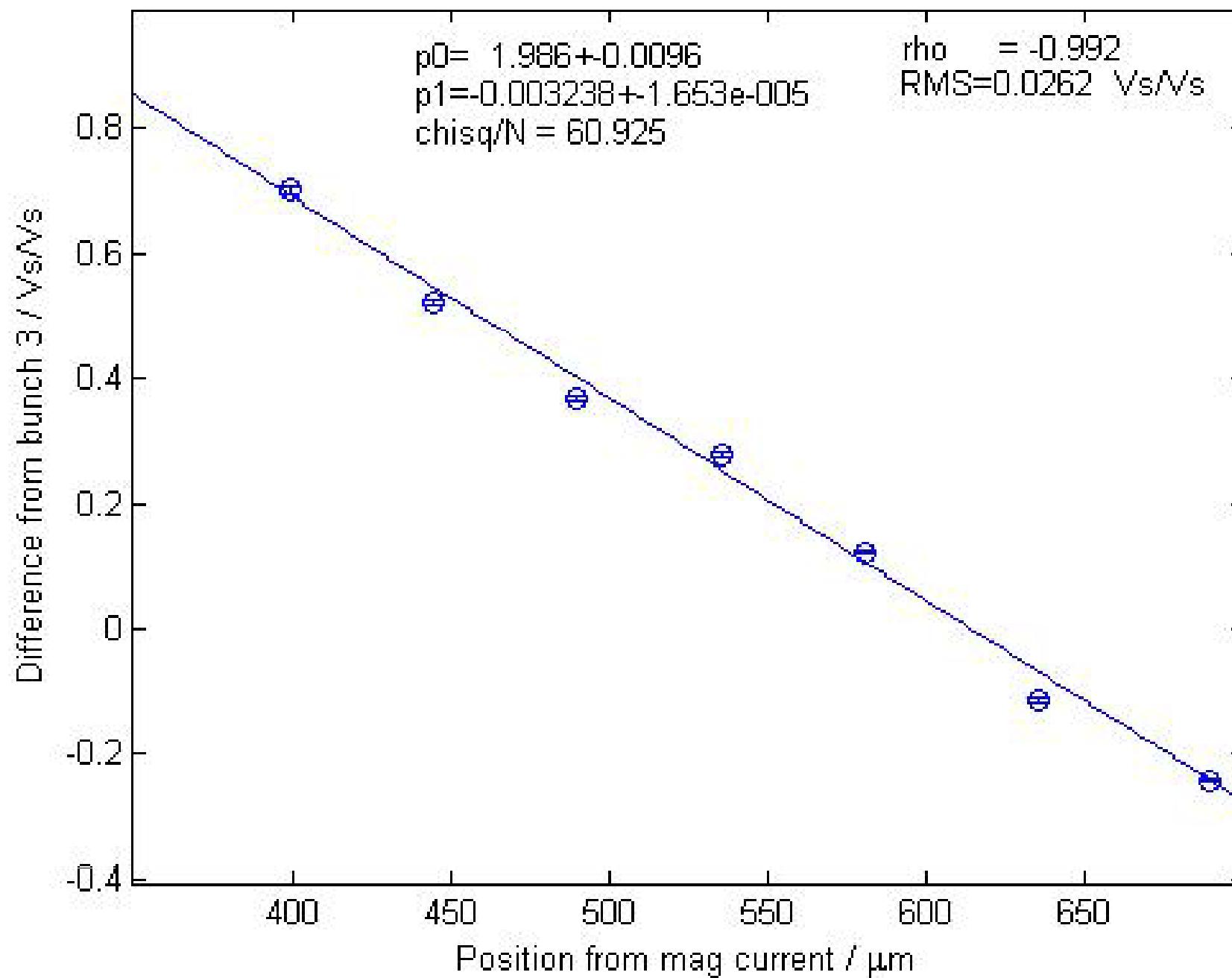
### Difference from bunch 1 VS Position from mag current

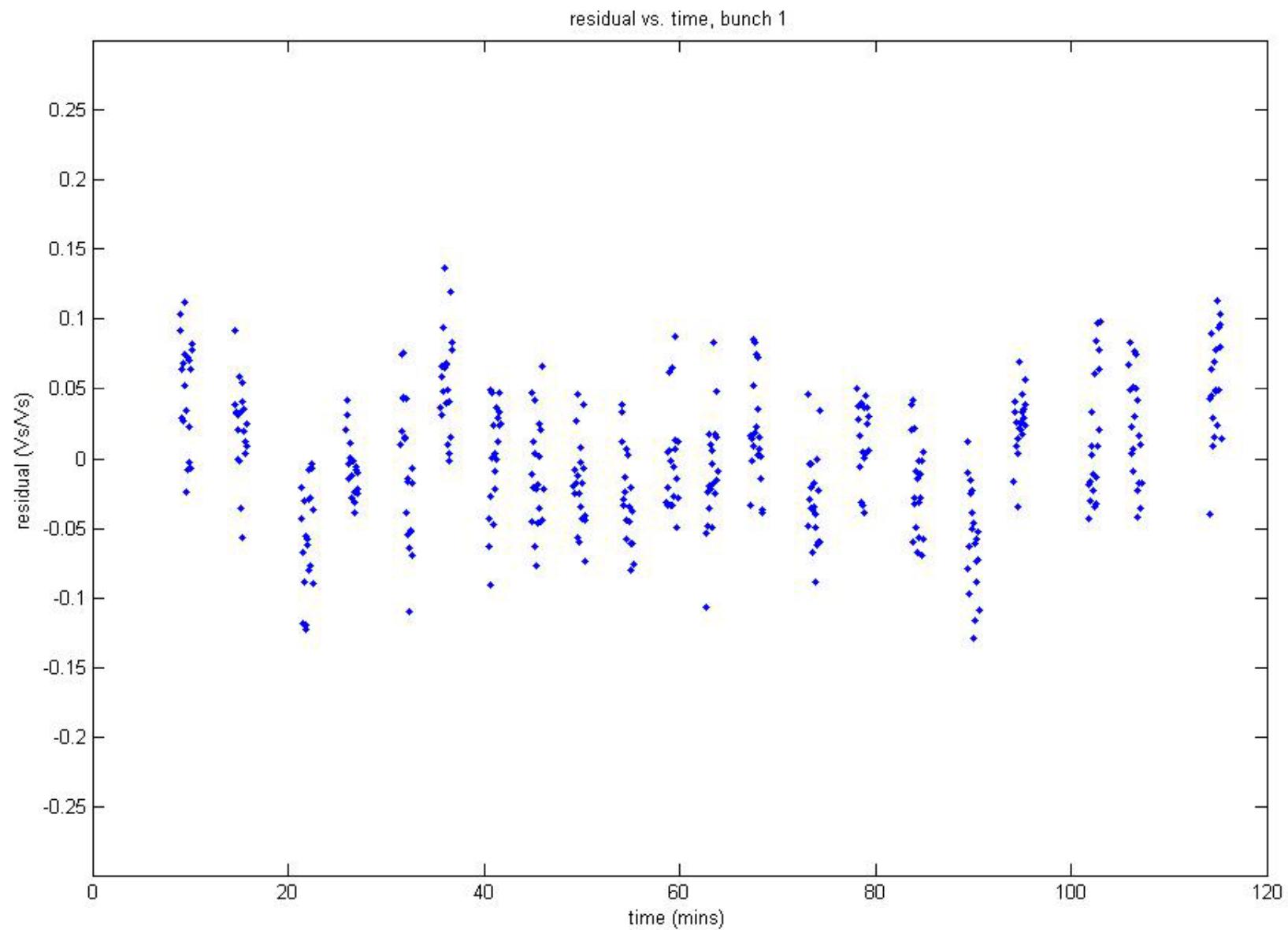


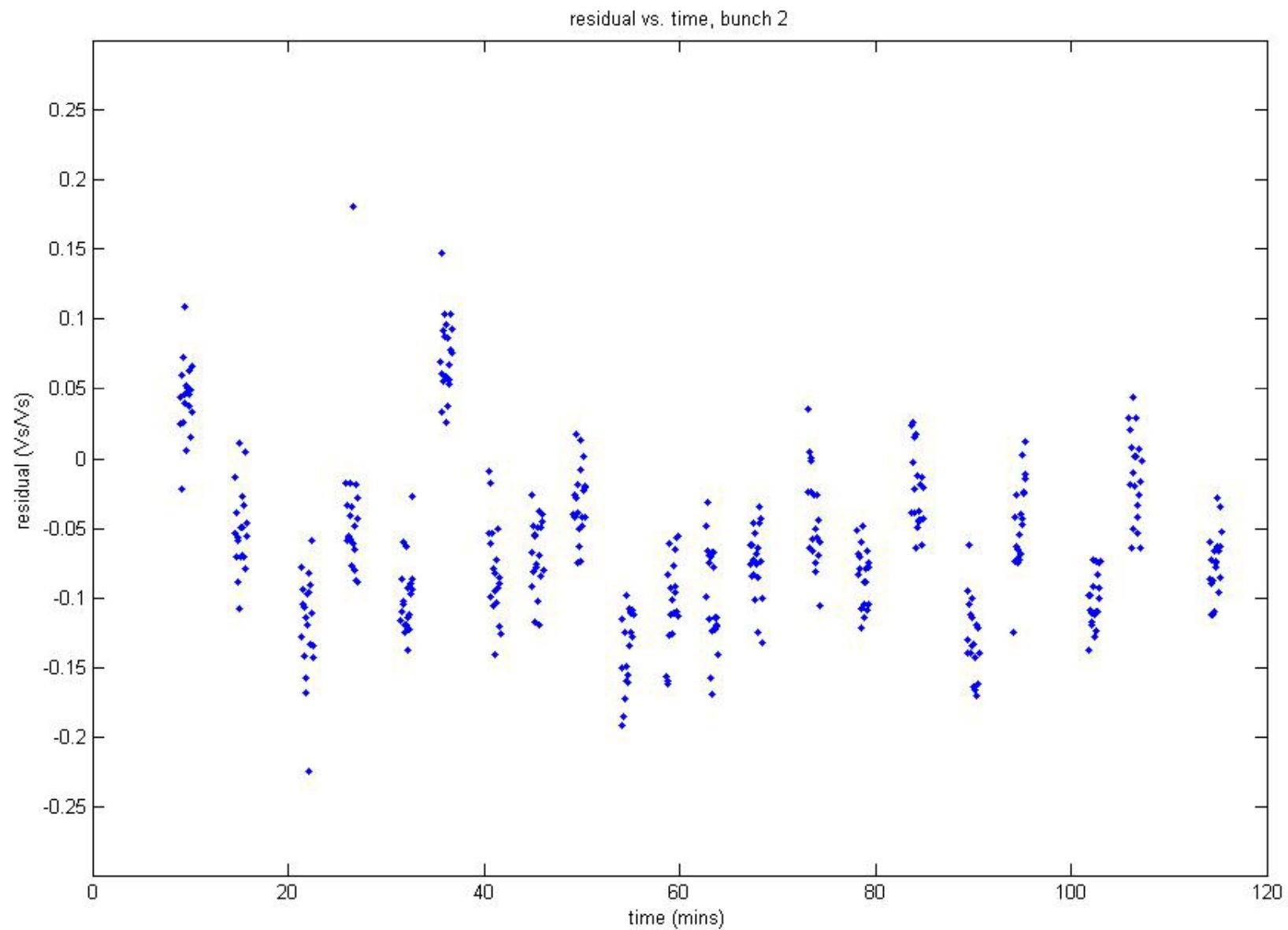
Difference from bunch 2 VS Position from mag current

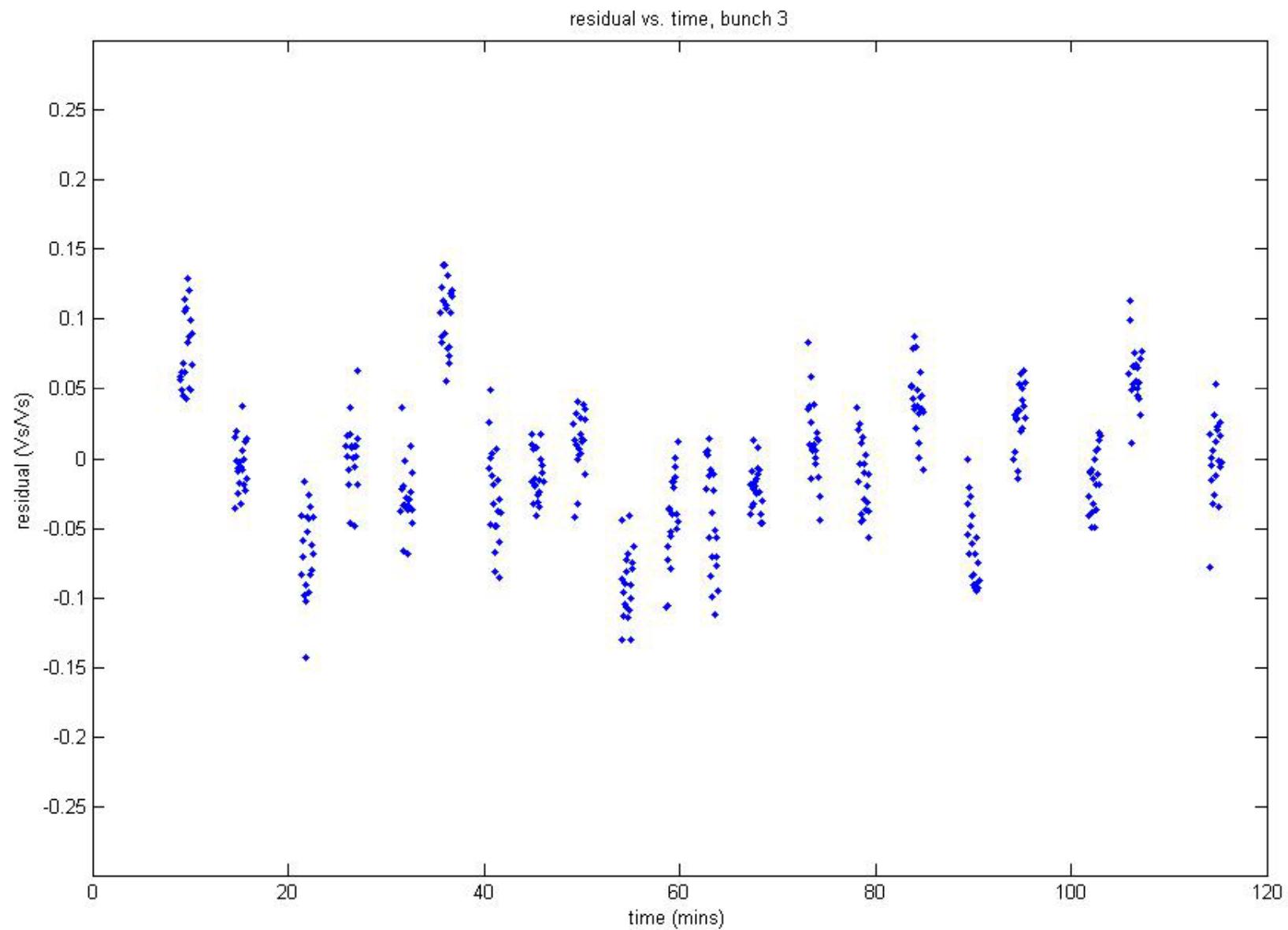


Difference from bunch 3 VS Position from mag current









residual vs. time, bunch 1

