

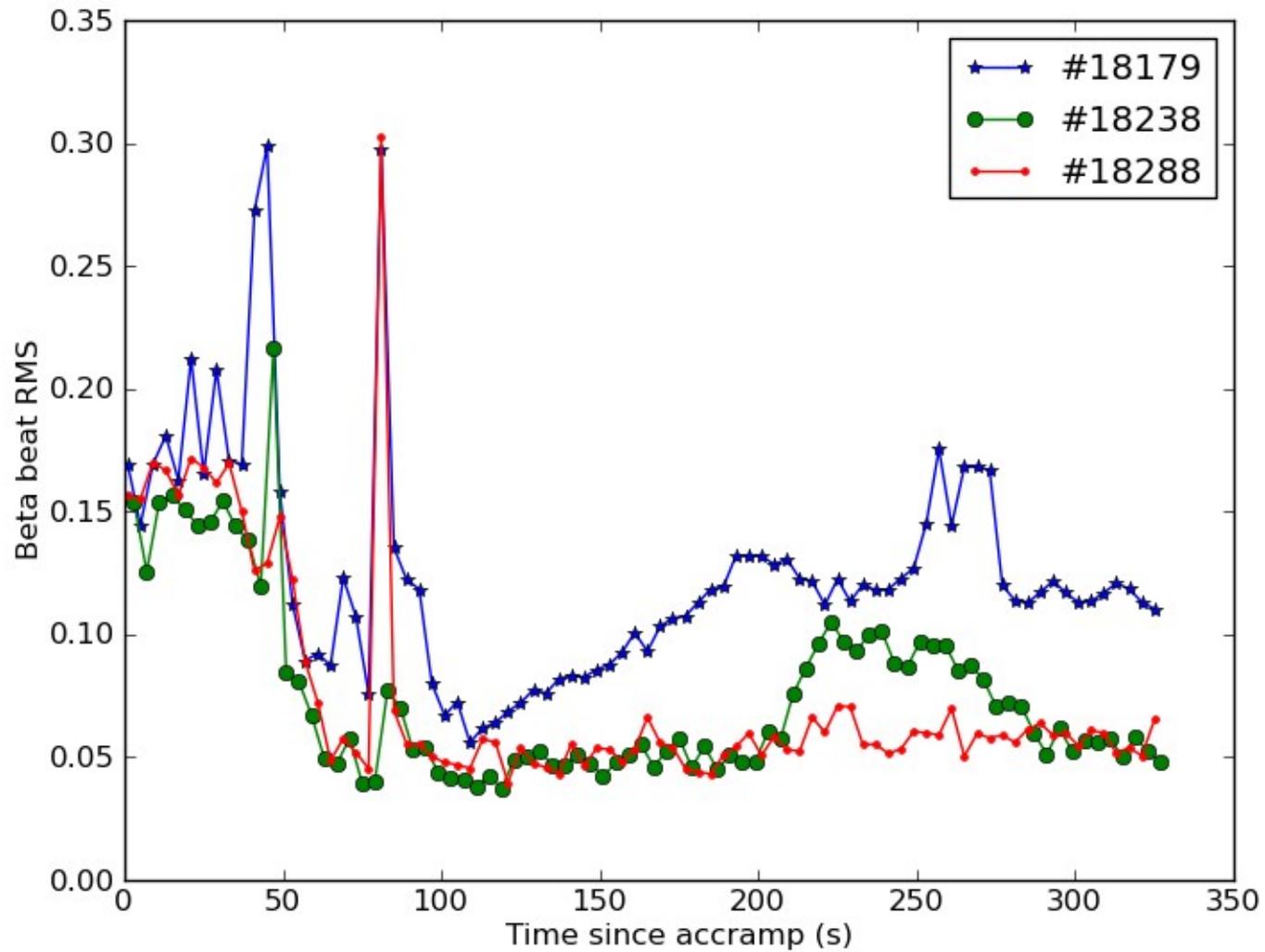
Implementation of ramp optics corrections for both rings

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APEX weekly meeting**

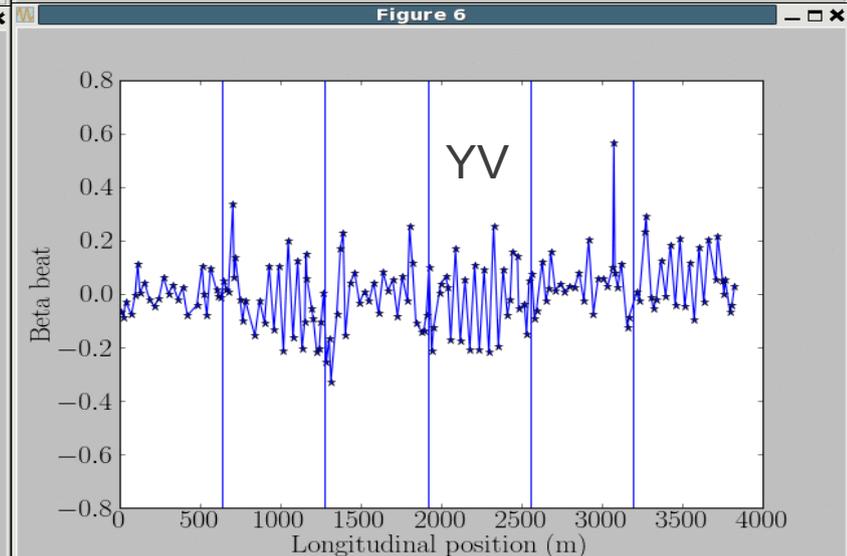
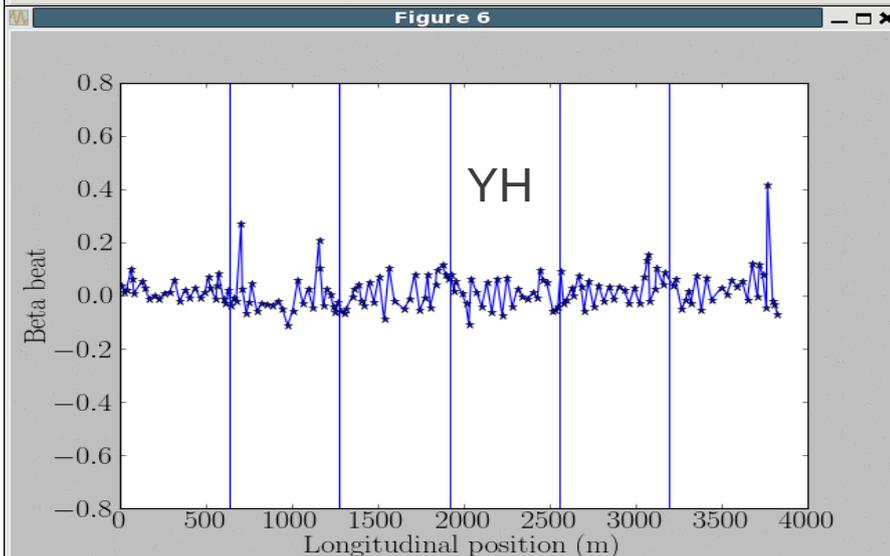
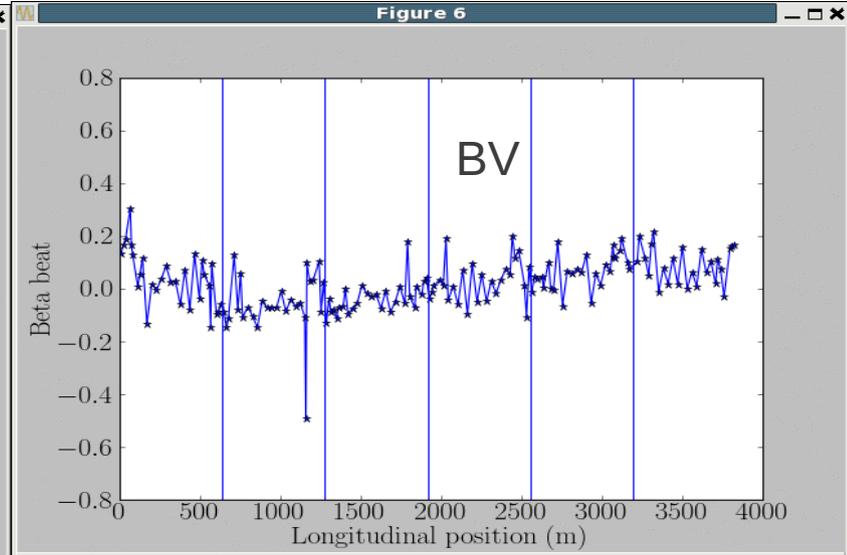
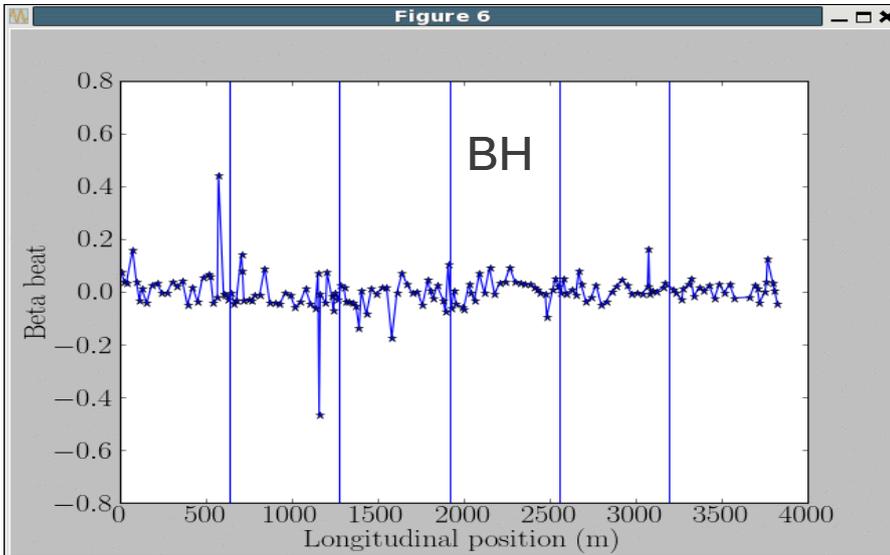
Recap

Fill	Blue ring	Yellow ring	Date
18179	Measurement only	Measurement only	04/08/2014, MD
18238	Measurement only	Correction/Measurement	04/23/2014, APEX
18287	Measurement only	Measurement only	05/07/2014, APEX
18288	Correction/Measurement	Further Correction/Measurement	05/07/2014, APEX

Results



Results



Summary

- Successful implementation of ramp optics correction in both rings
- IPM reported emittance much more reasonable for ramps with corrected optics
- Turn around time for implementation is less than time from beam dump to a new ramp