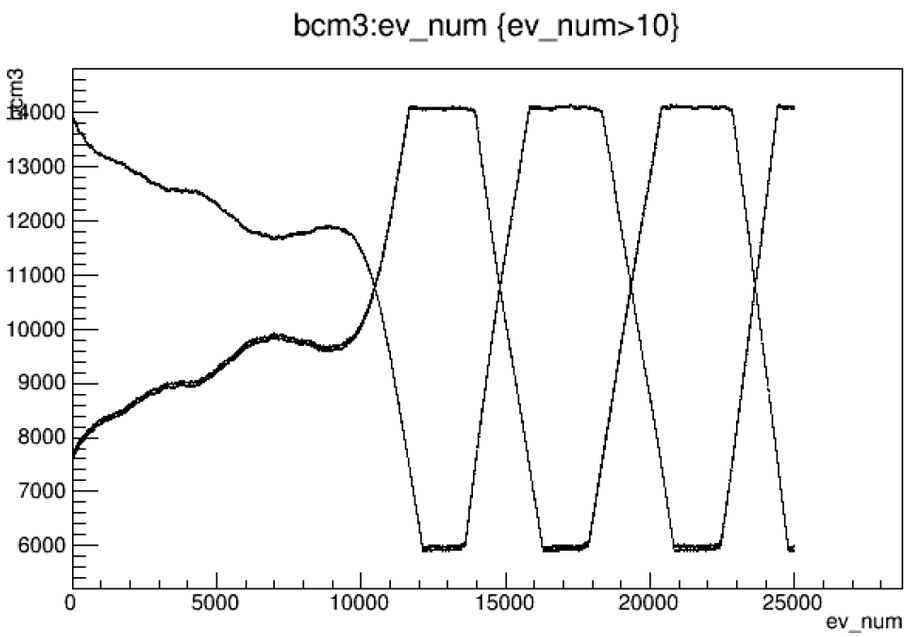
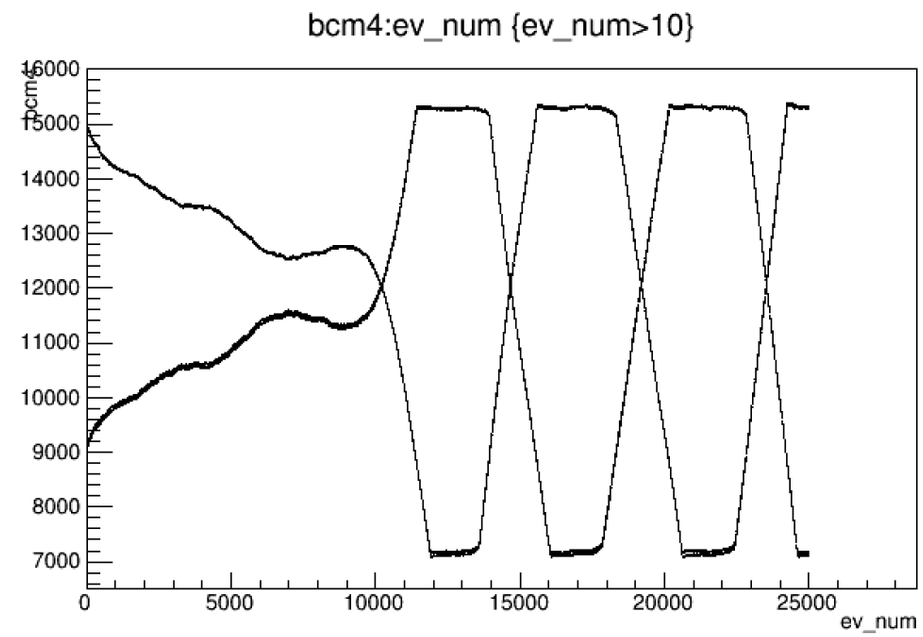
Parity Beam Tests

-Spring 2016-

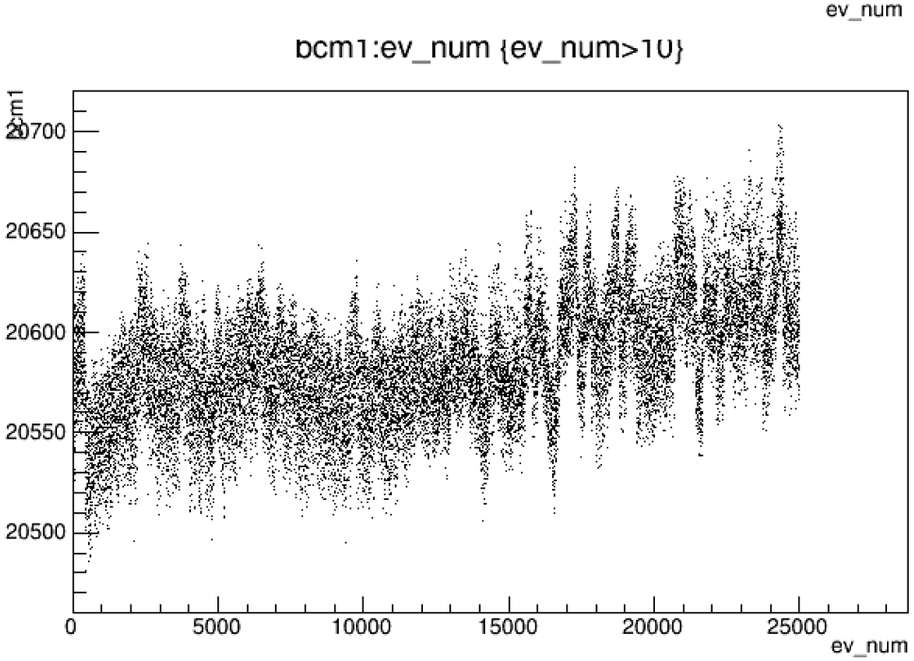
Ciprian Gal UVa

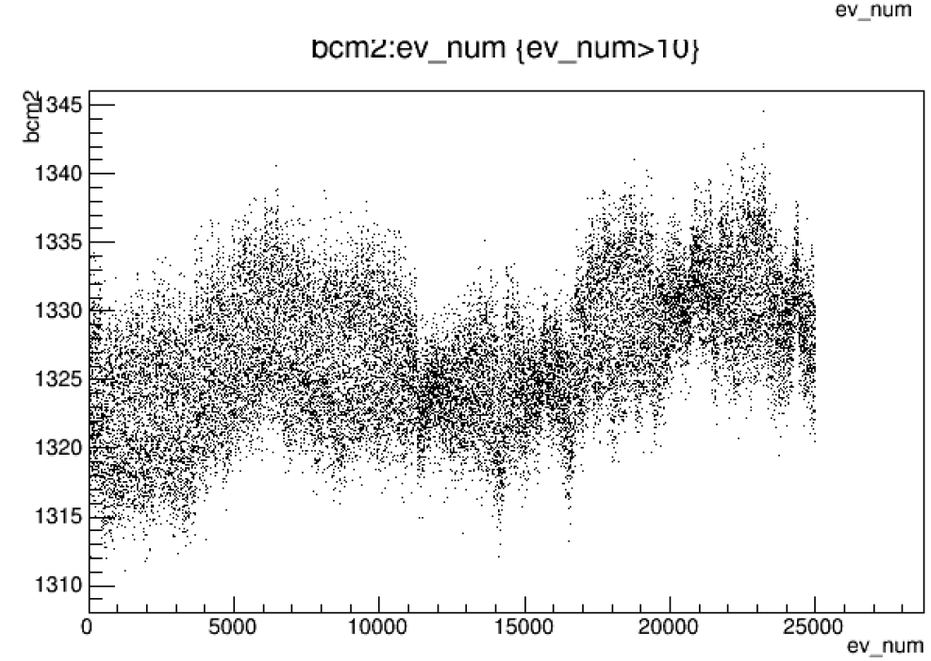
BCMs: fall 2015





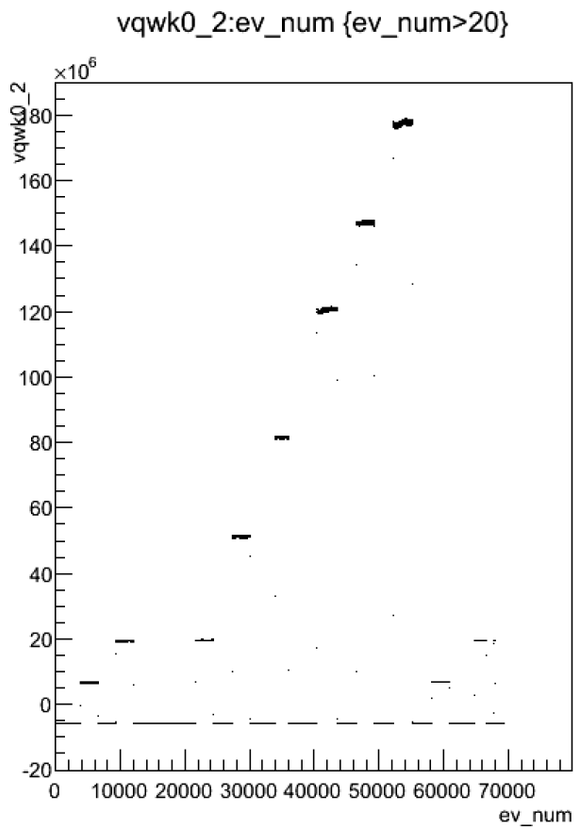
1 MHz

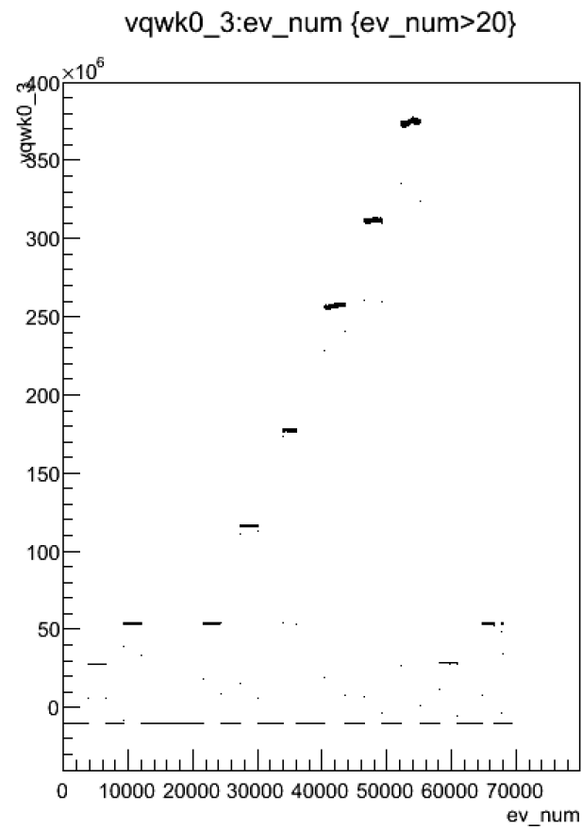


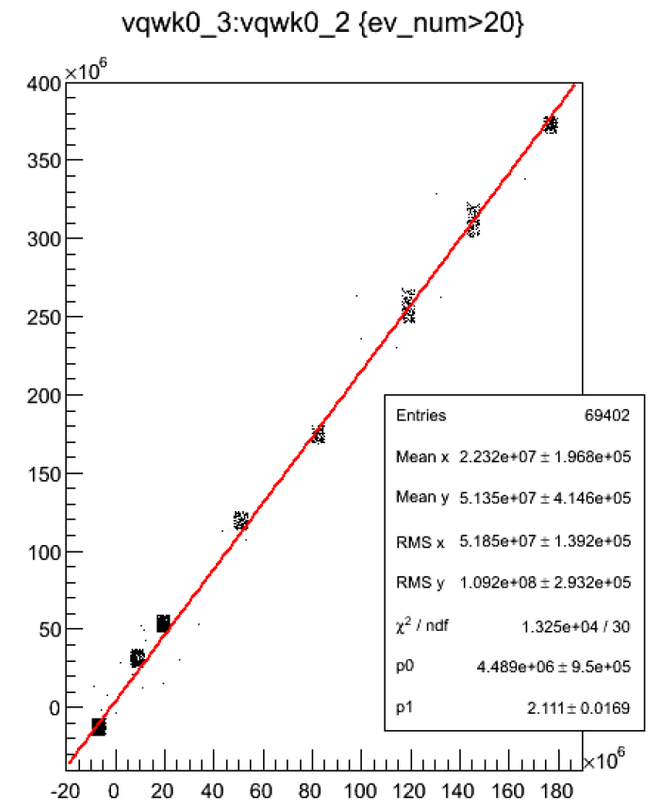


new Musson receivers

BCMs: run 2321







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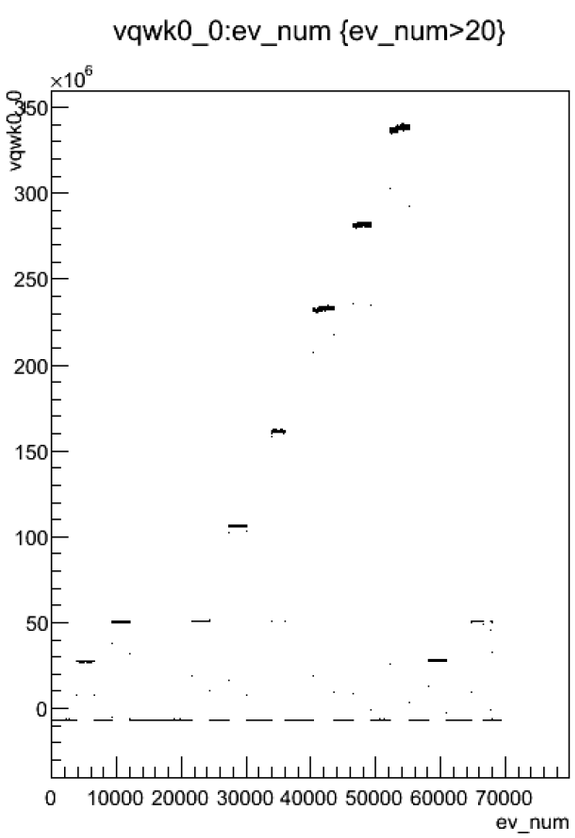
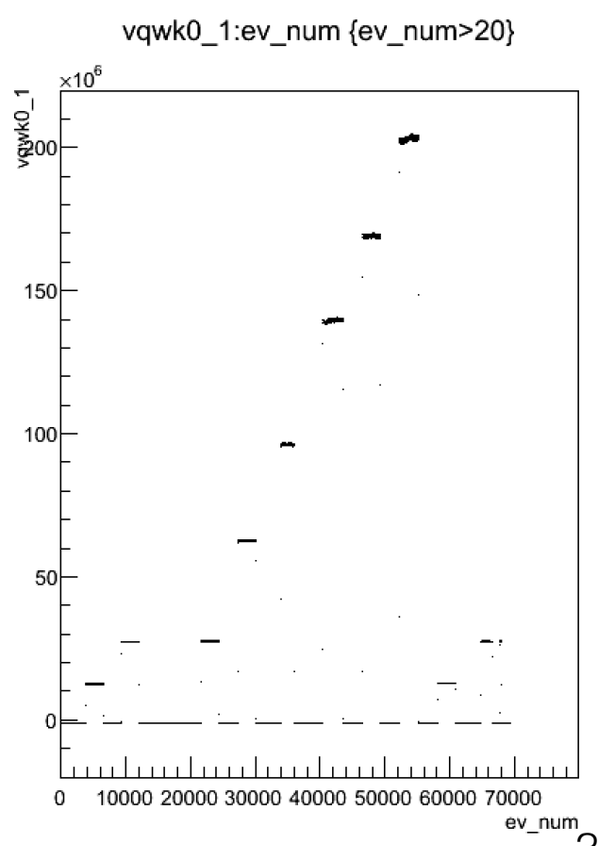
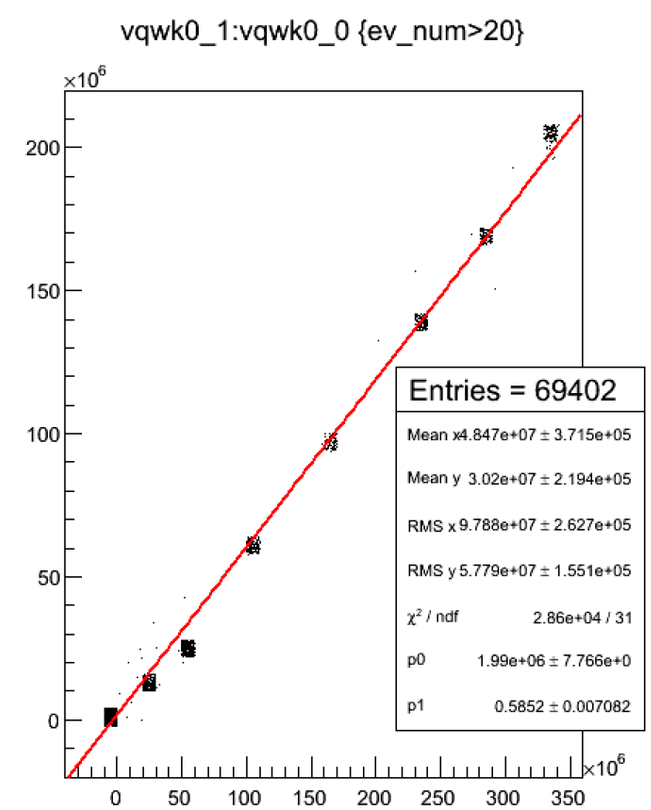
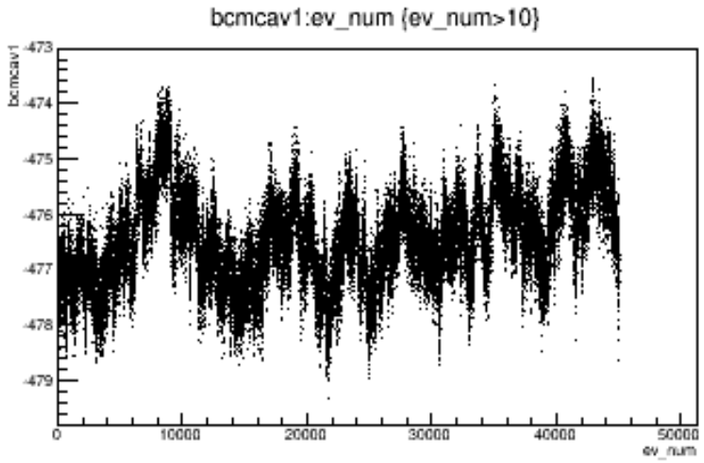


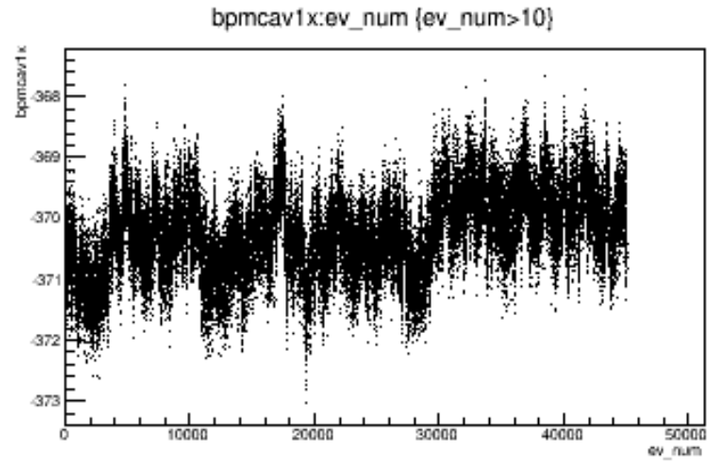


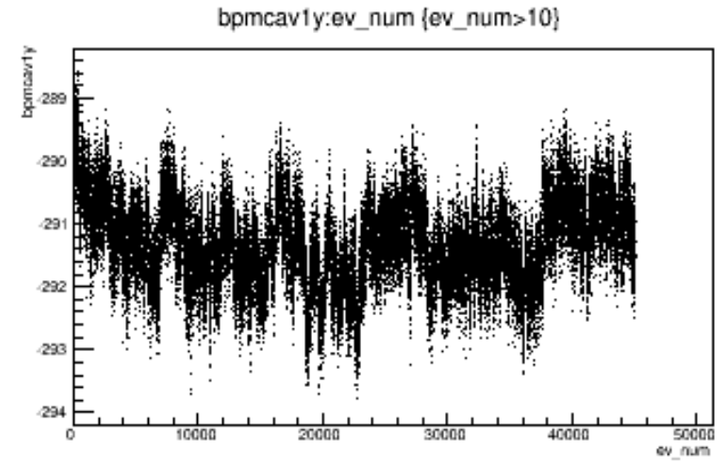


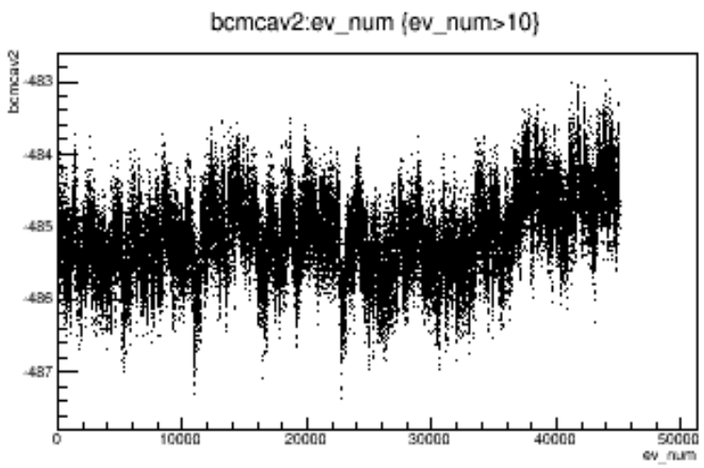
new Musson receivers

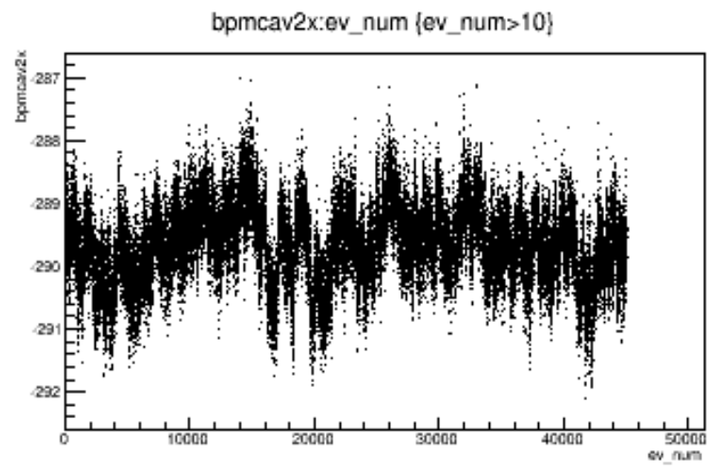
Triplet cavities - 30 uA

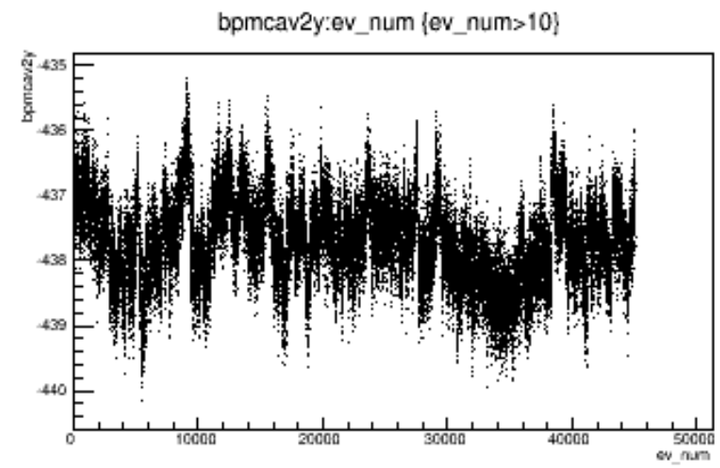


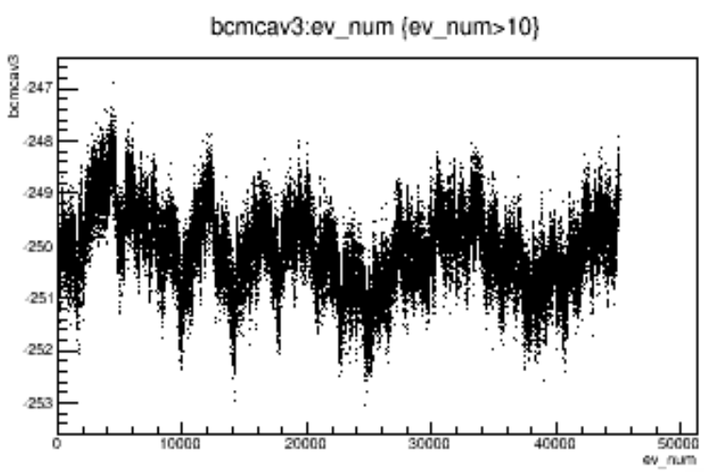


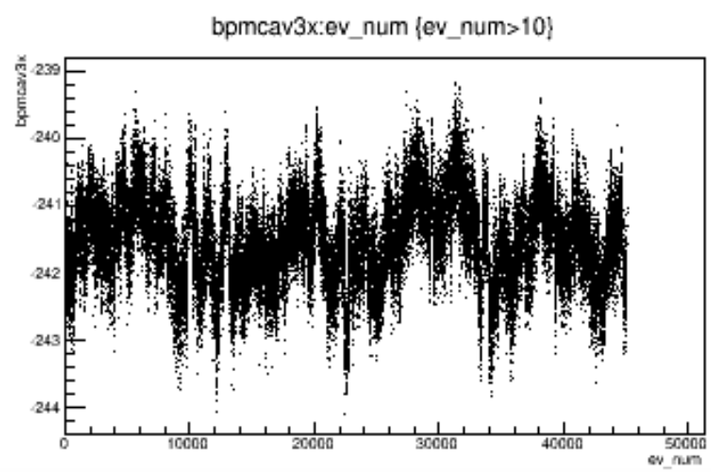


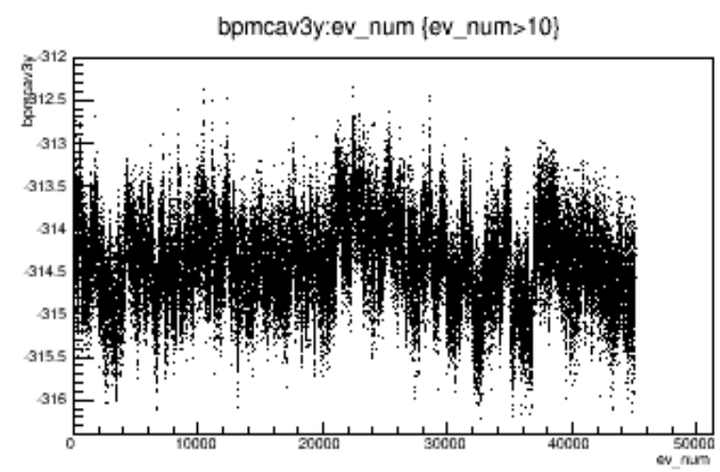




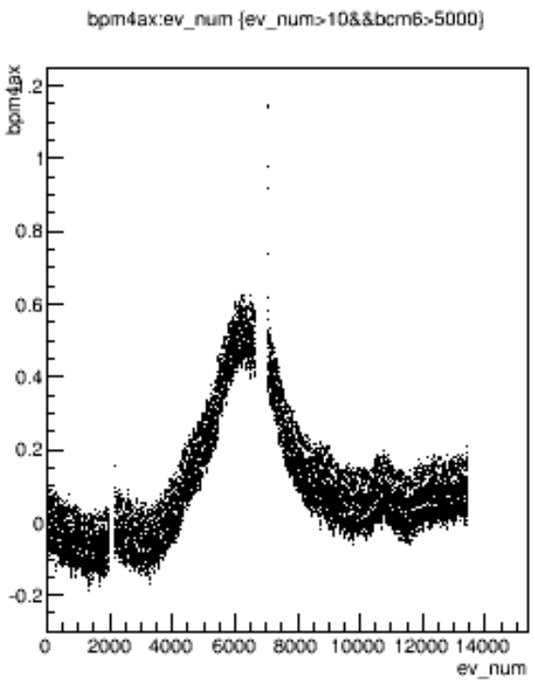








BPMs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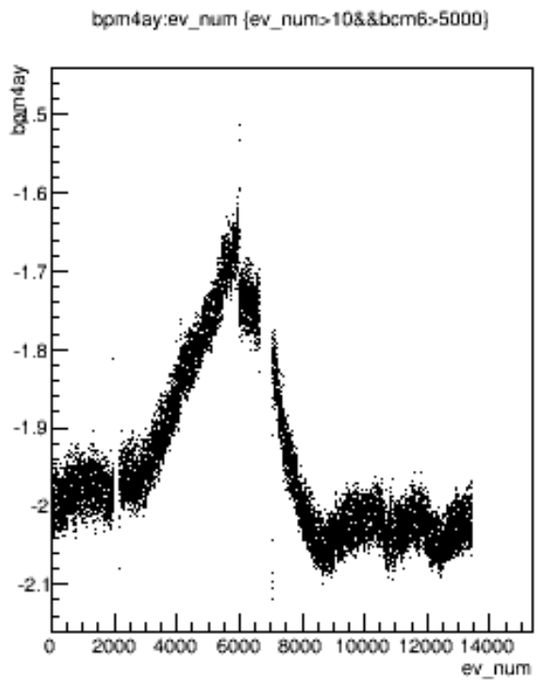
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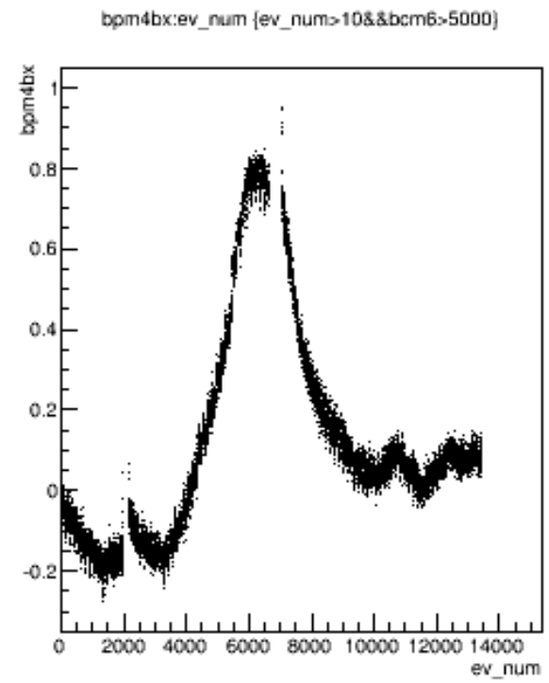
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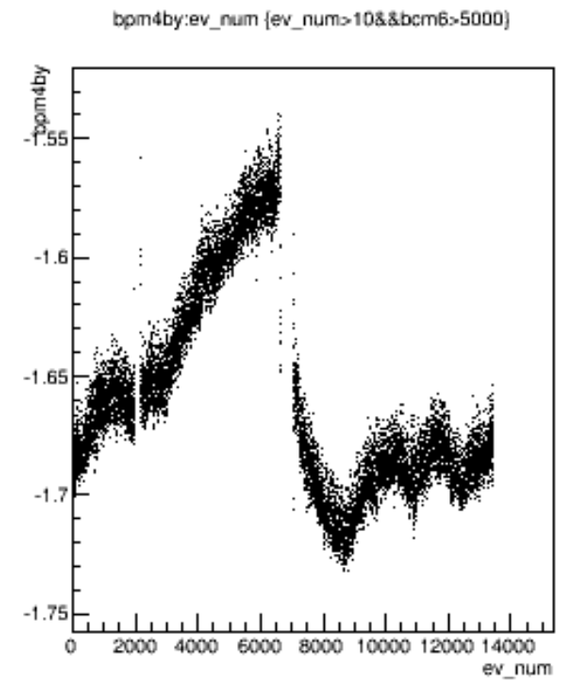
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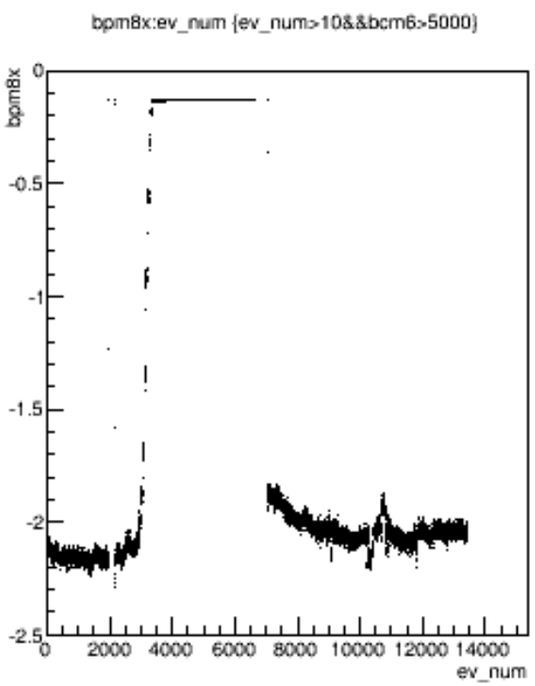
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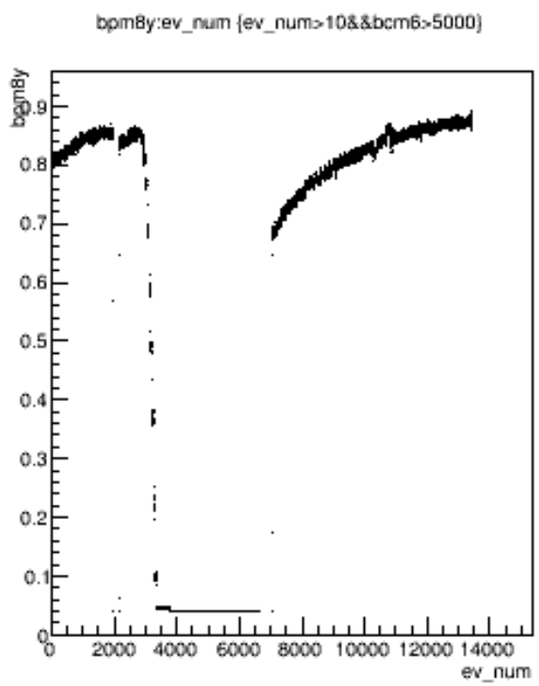
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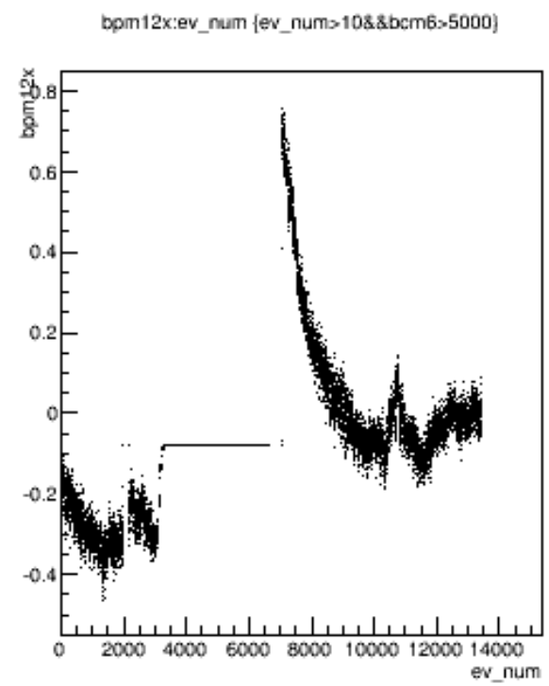
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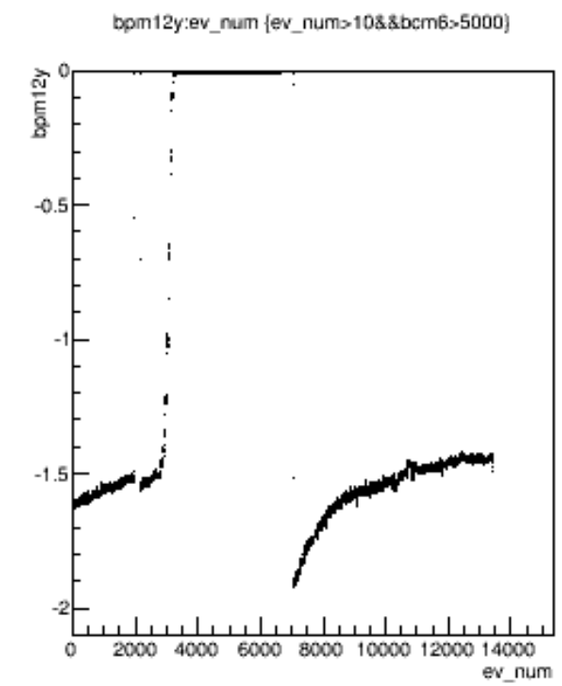
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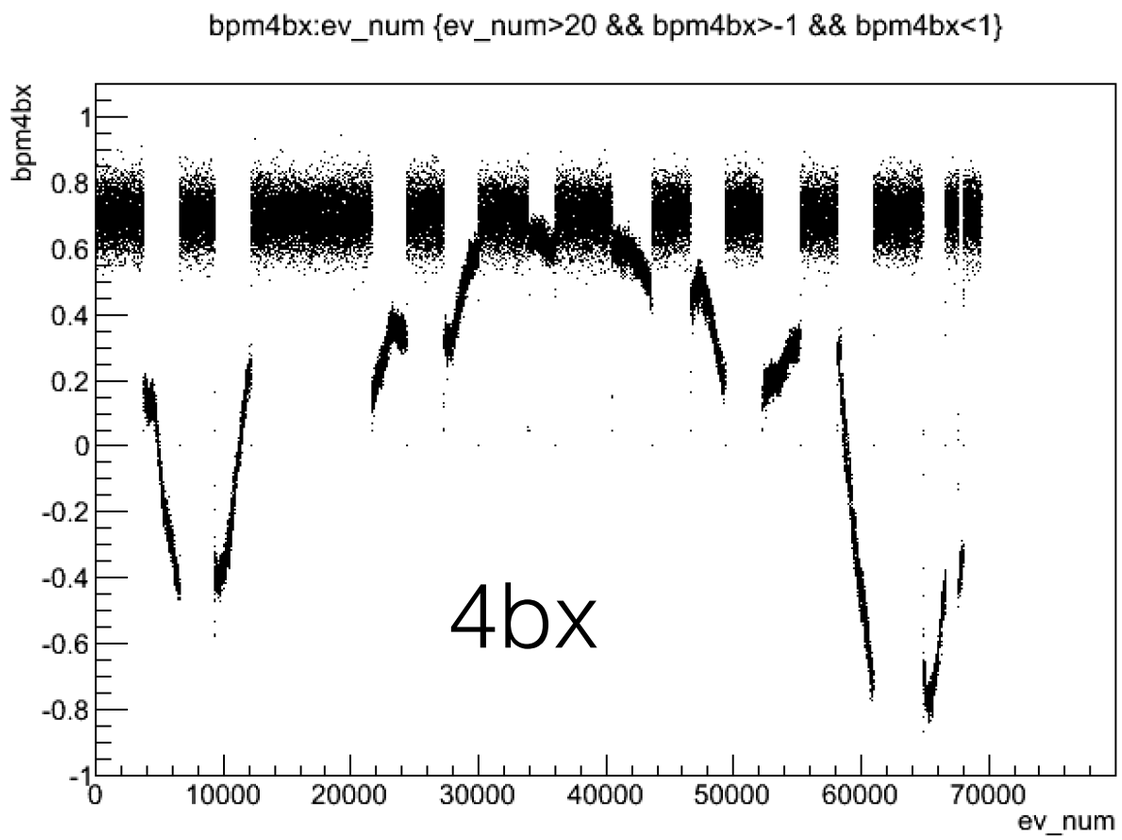
BPMs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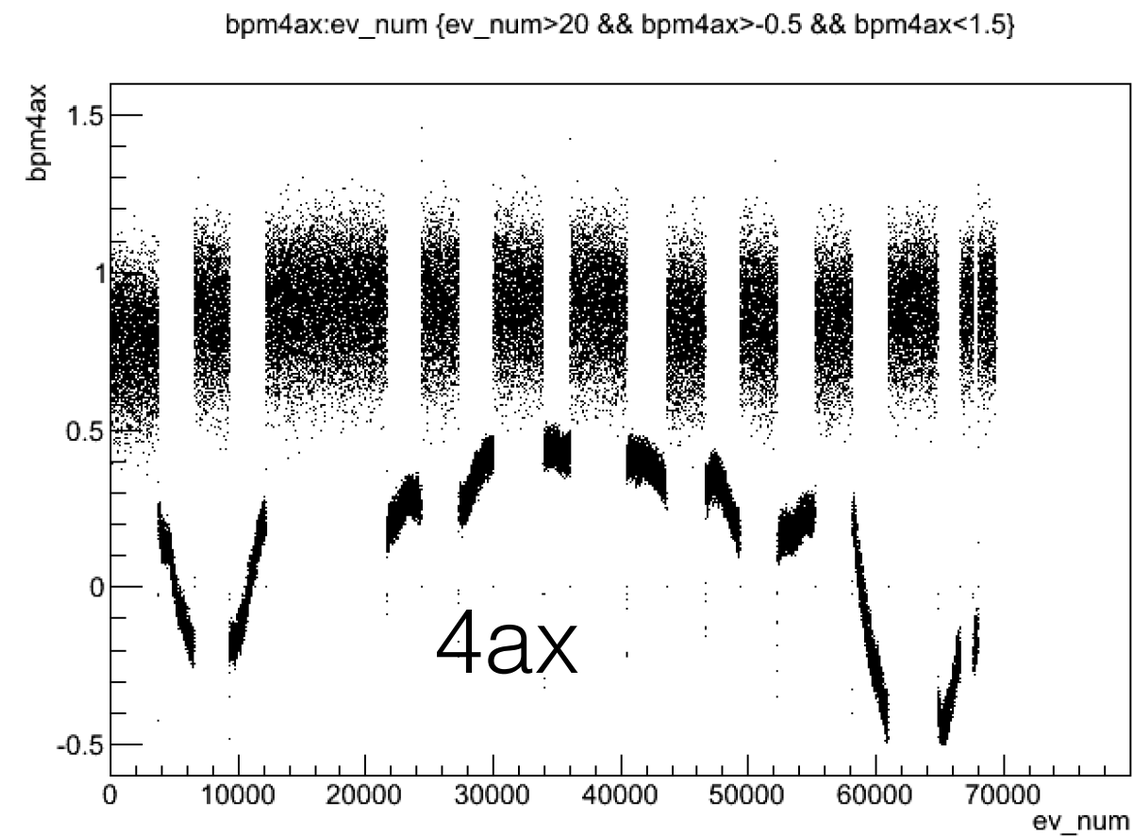
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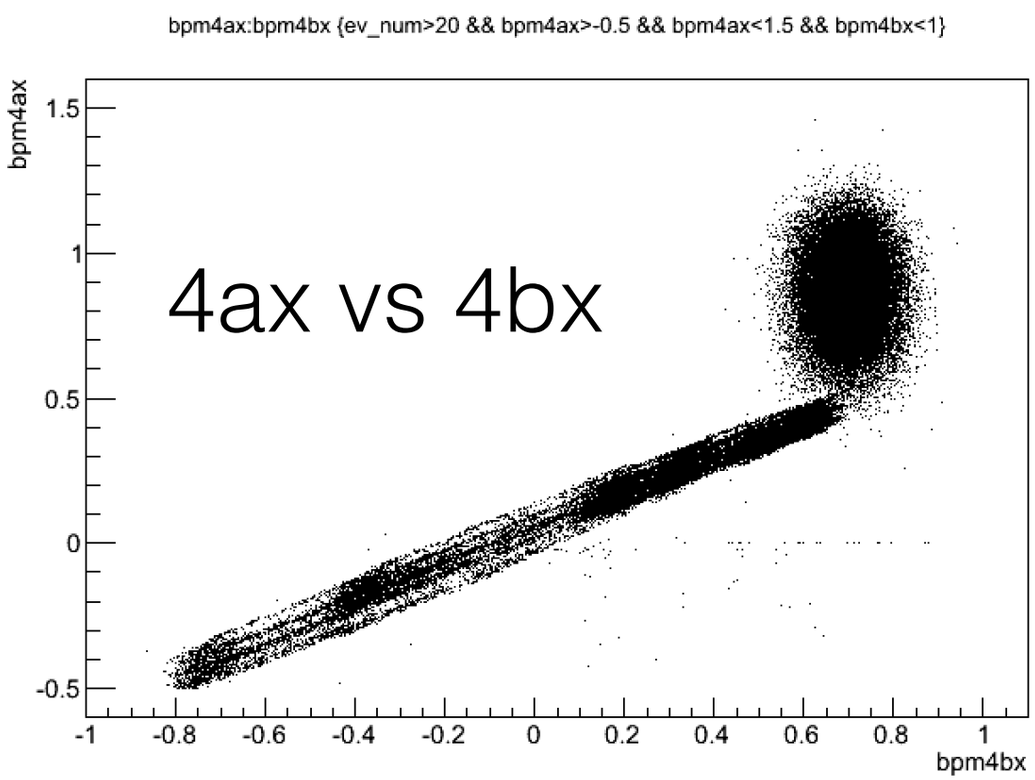
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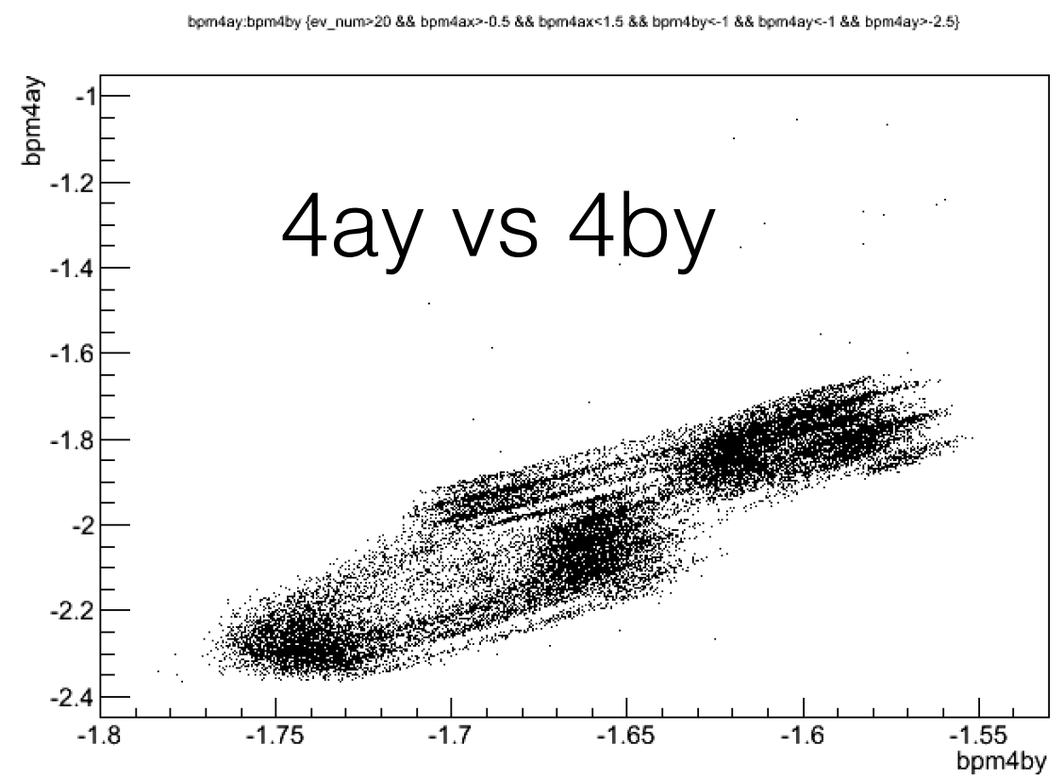
bpm4bx
4ax vs 4bx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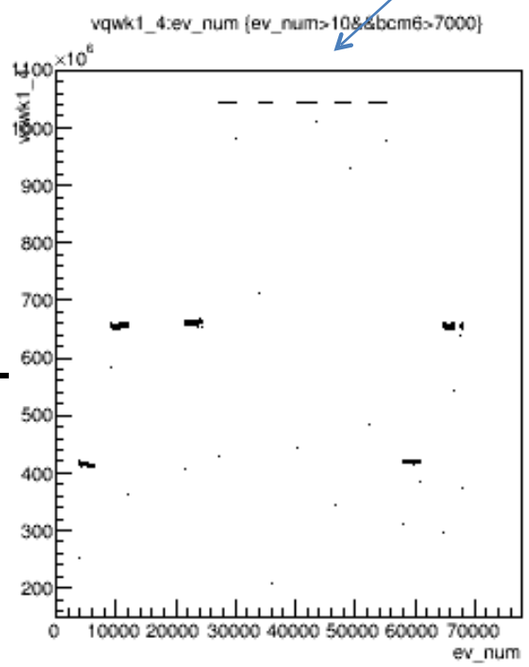
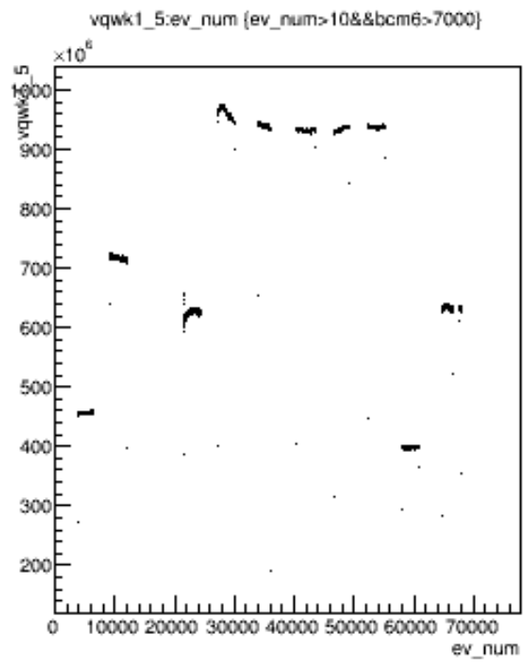
bpm4by
4ay vs 4by

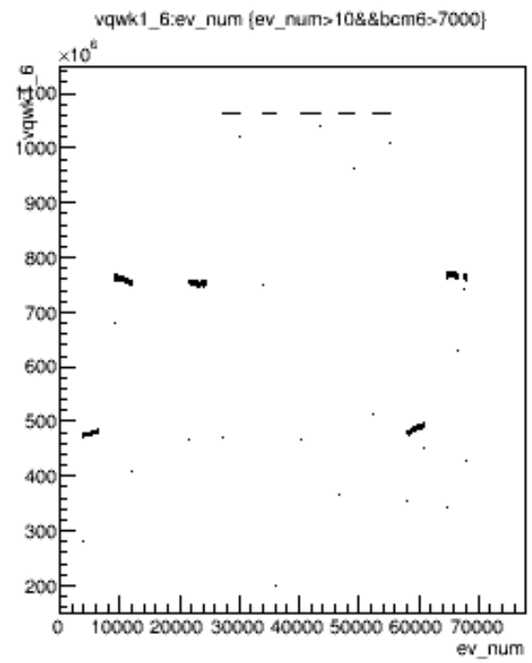
BPMs

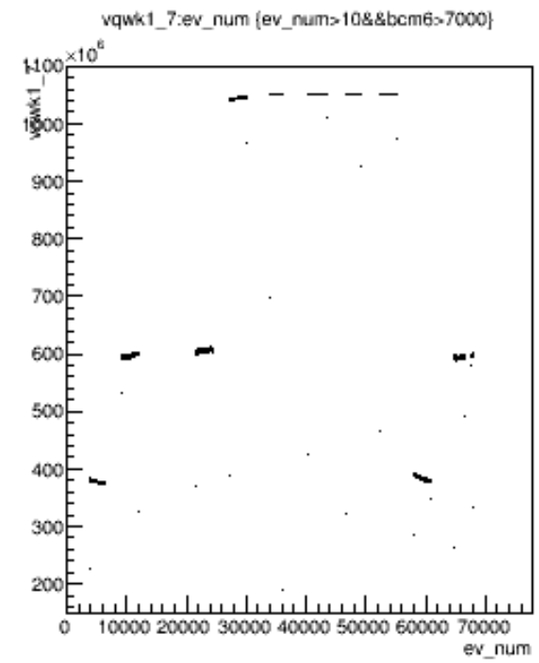
saturation

bpm8

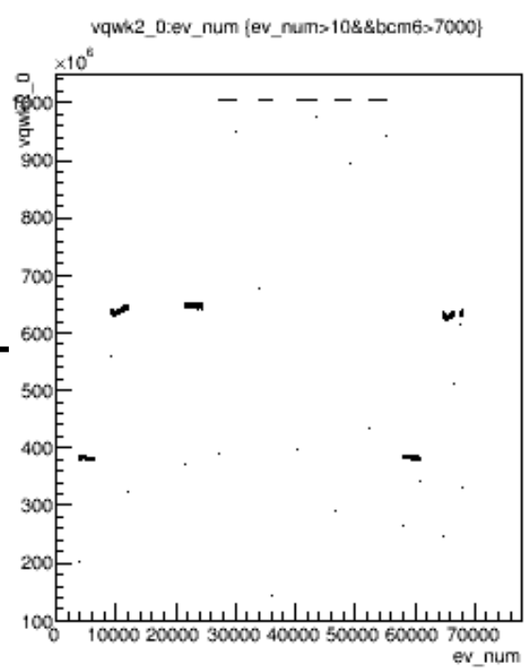


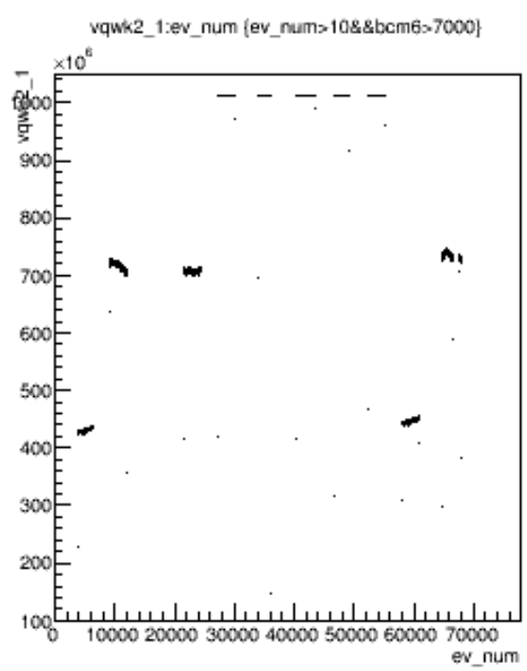


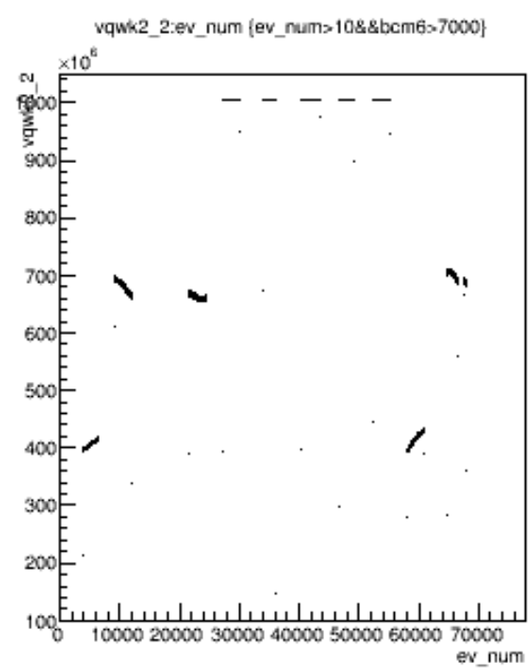


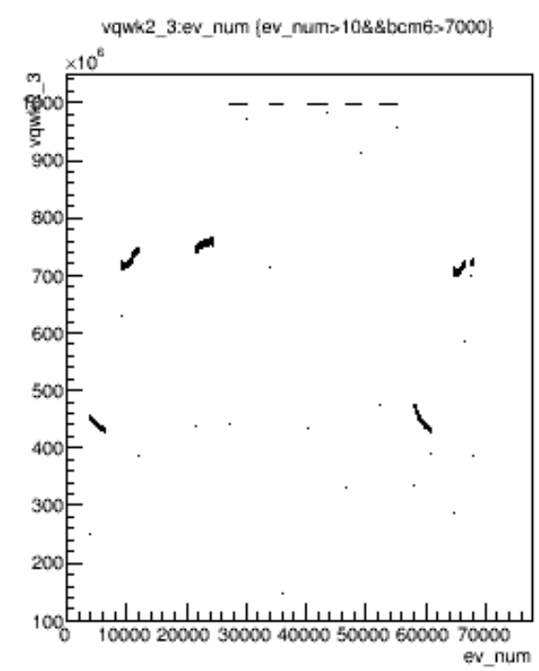


bpm12





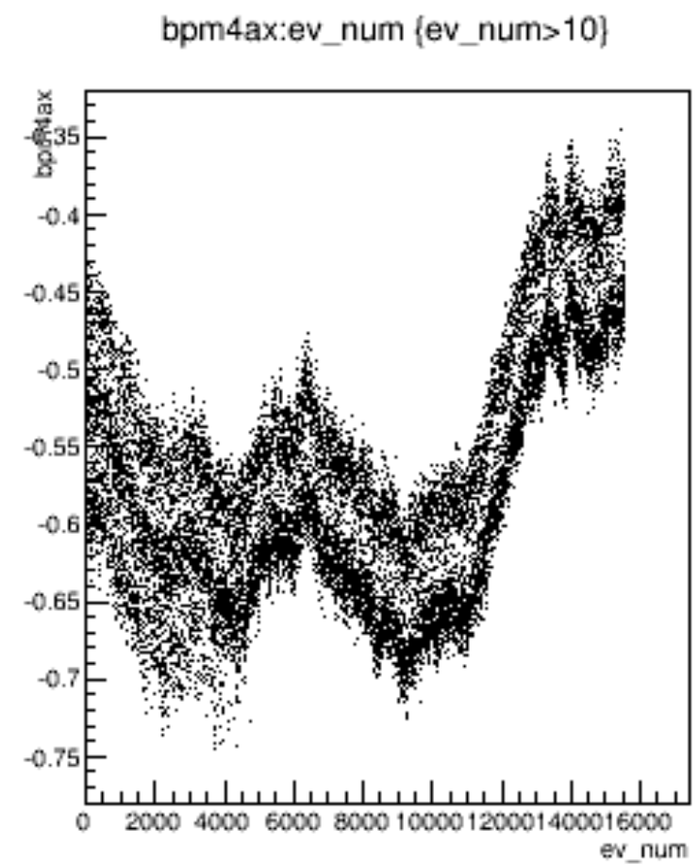




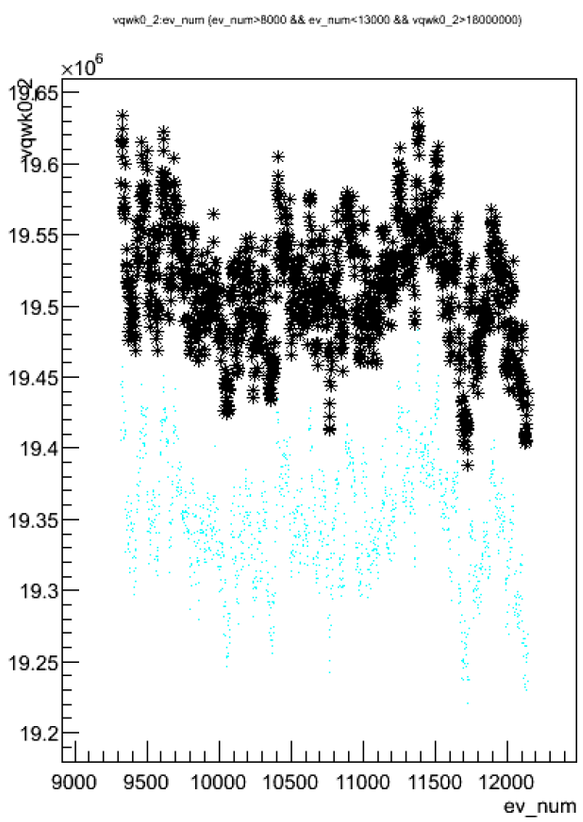
- bpm8 and bpm12 saturate on individual channels

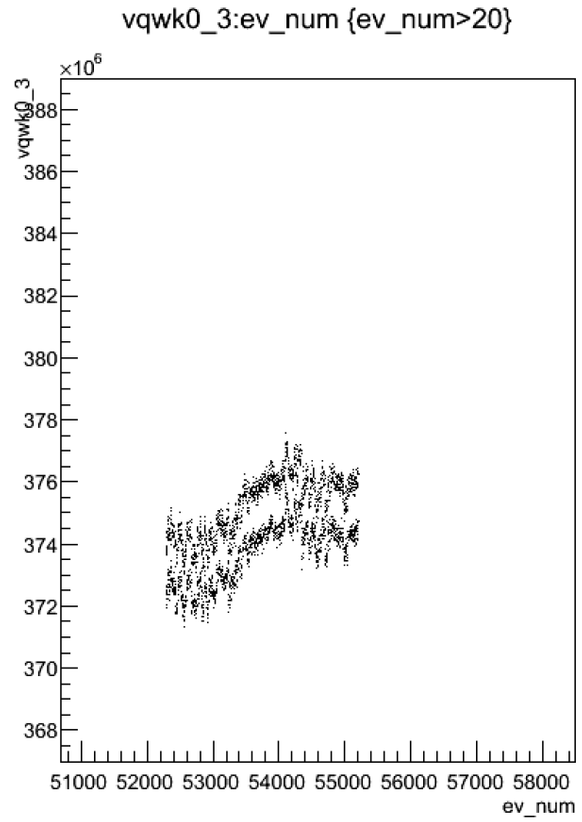
Wishlist

- Take more data at high currents (depends on the physics schedule)
  - debug the BPM 4a multiple level problem
  - maybe do an absolute calibration with the UNSER (if things go very well for DVCS/ Gmp)
  - read out BPM 14 as well in the VQWK ADCs
- Take data with the injector DAQ and revive analysis chain
- Talk to John Musson and get the triplets working



BCMs: run 2321 - helicity pickup





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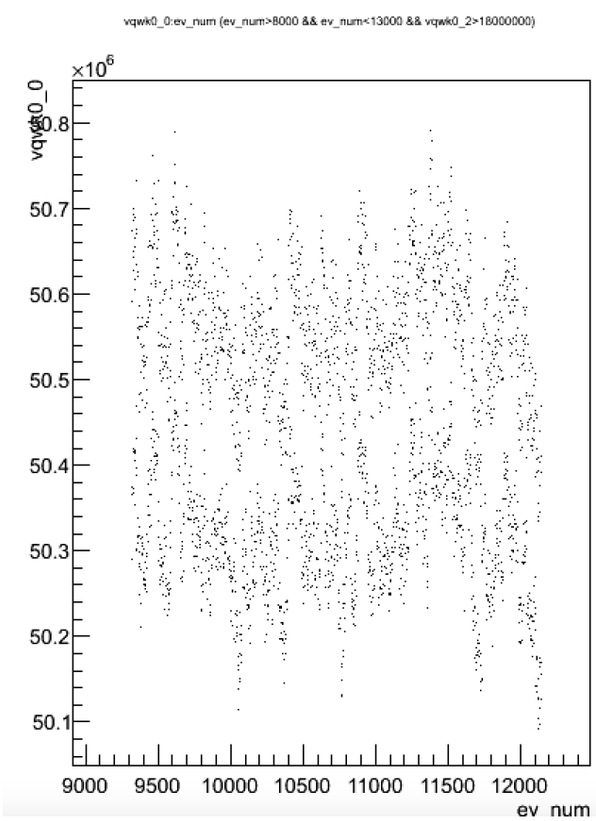

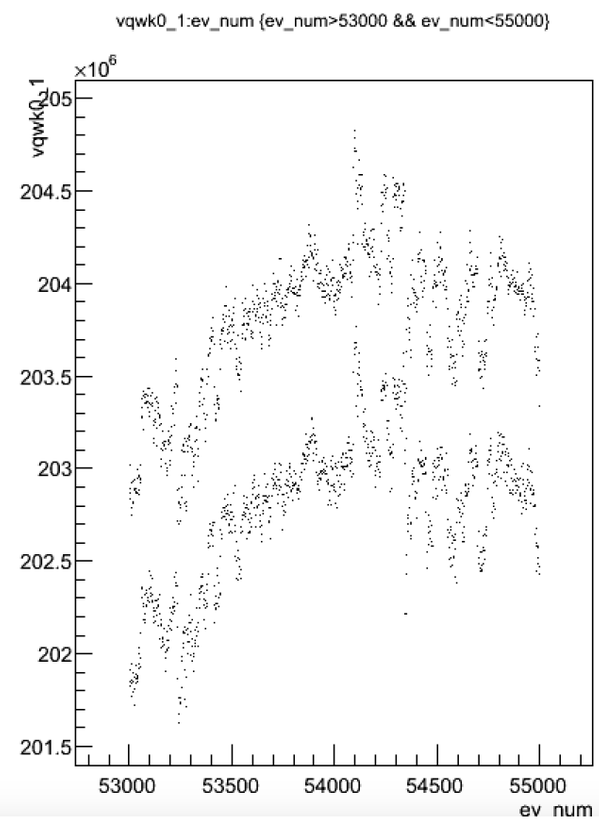

new Musson receivers