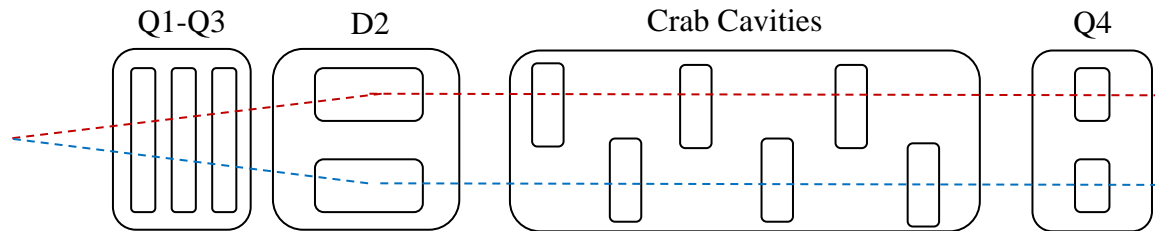


Crab Cavity Layout for HL-LHC

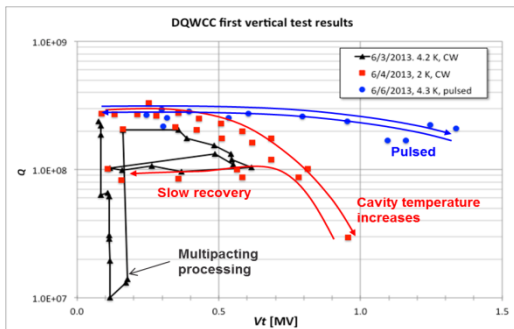
- Baseline: 3 cavities per IP per beam per side



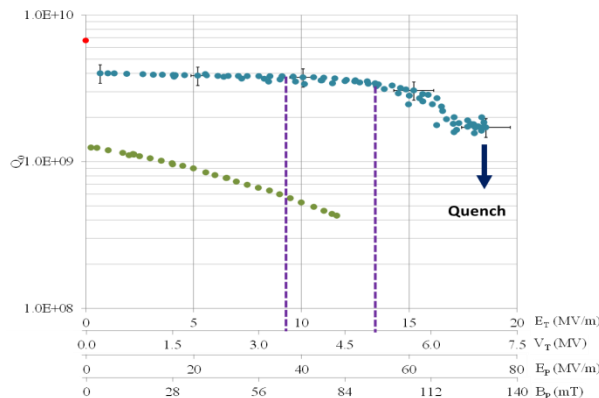
- Under study: common cryostat for 6 cavities.

Crab Cavity initial results

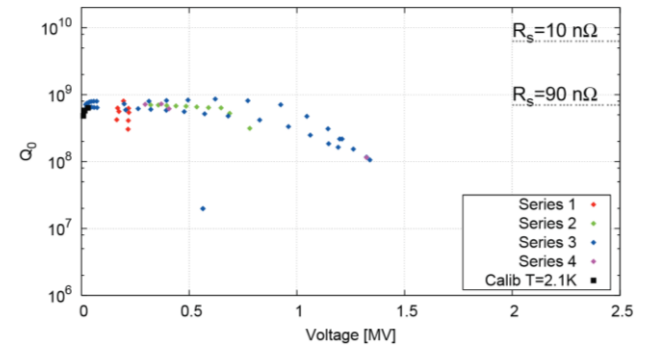
- All three contenders tested @ 4.5 K and 2 K. Encouraging!
- Preliminary: 12 MV kick seems feasible with 3 cavities.
- Confidence will be gained from SPS tests



BNL – DQW



ODU – RFD



ULANC – 4ROD