



DUNE Massive Tests (Run 2)

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10 November 2023

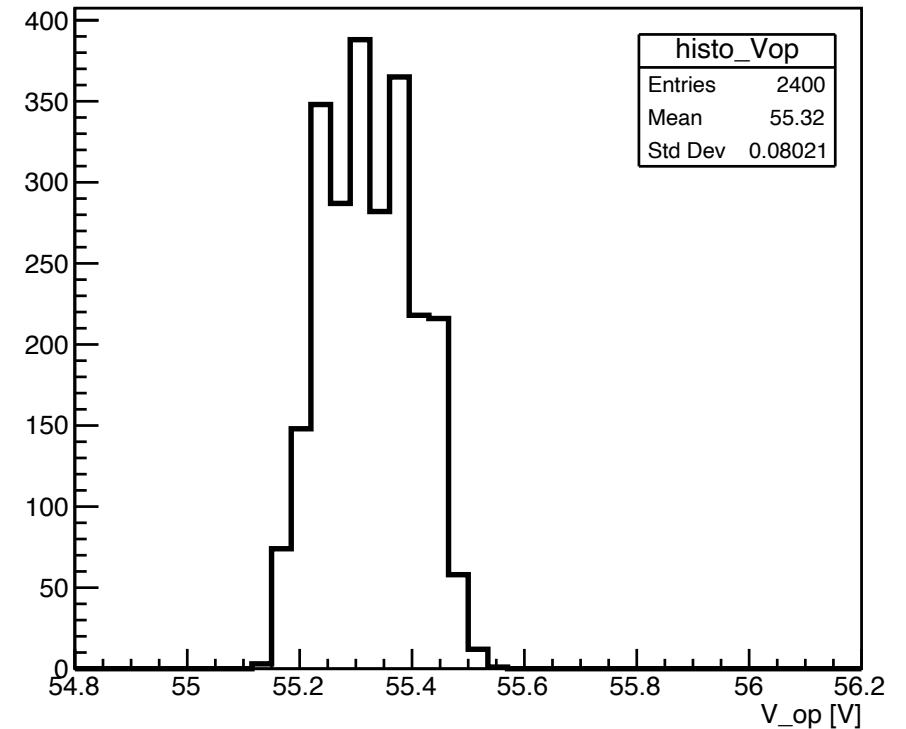
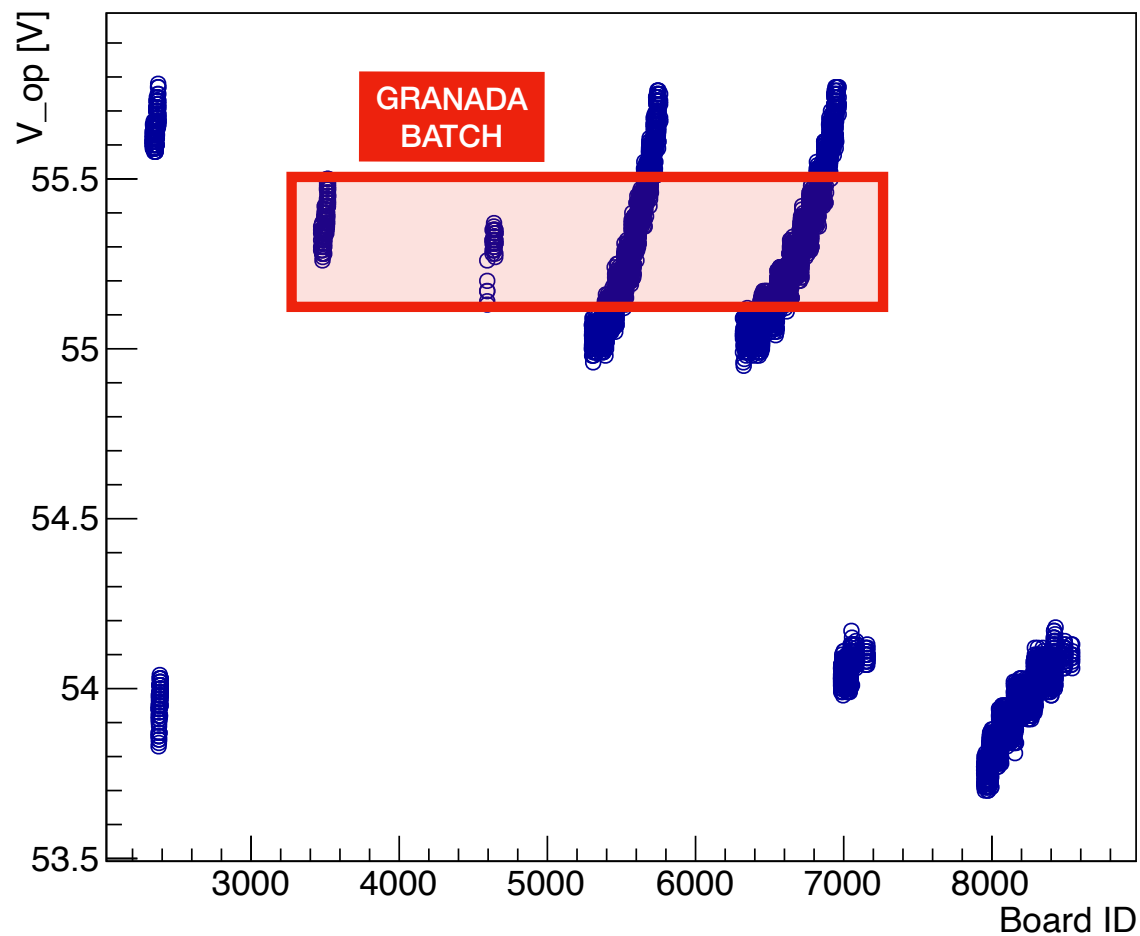


RESULTS: IV CURVES ROOM TEMPERATURE

GRANADA BATCH FOR RUN2

DELIVERY 4, BOX 19, TRAYS 25 - 48

Hamamatsu Delivery 4 Data (Room Temperature)



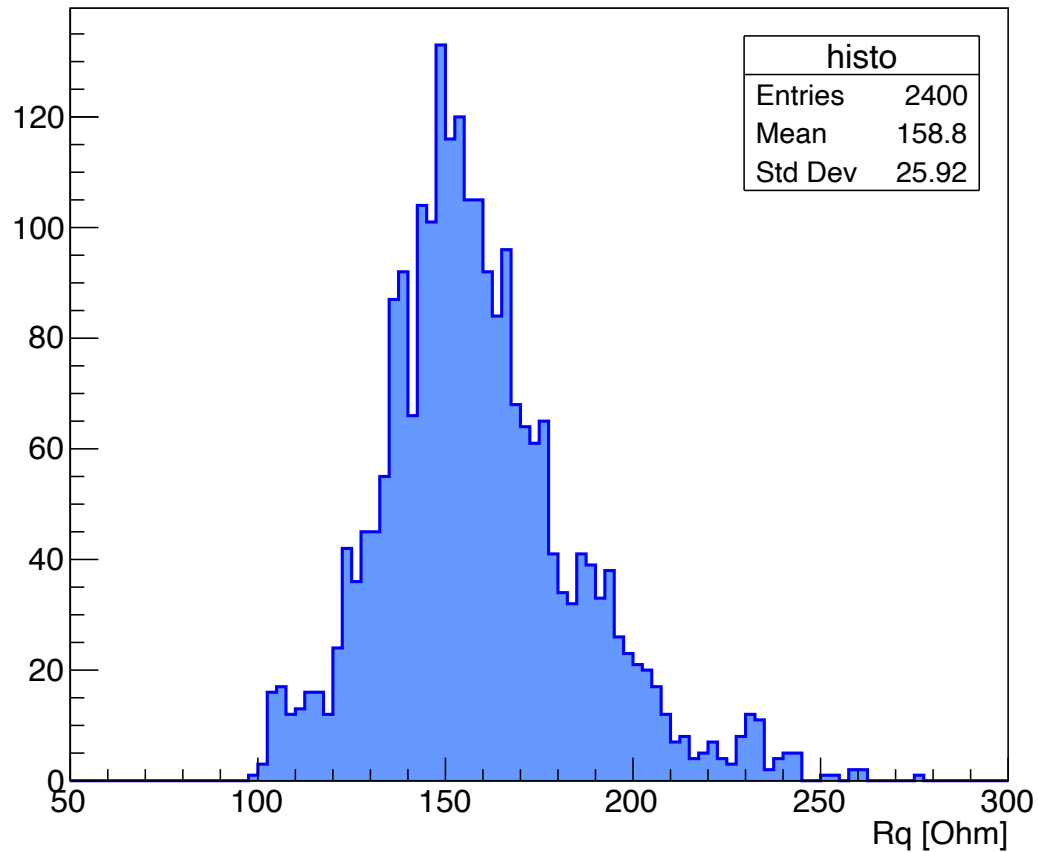
V_{OP} [55.15 - 55.55] V

V_{BR} [52.15 - 52.55] V

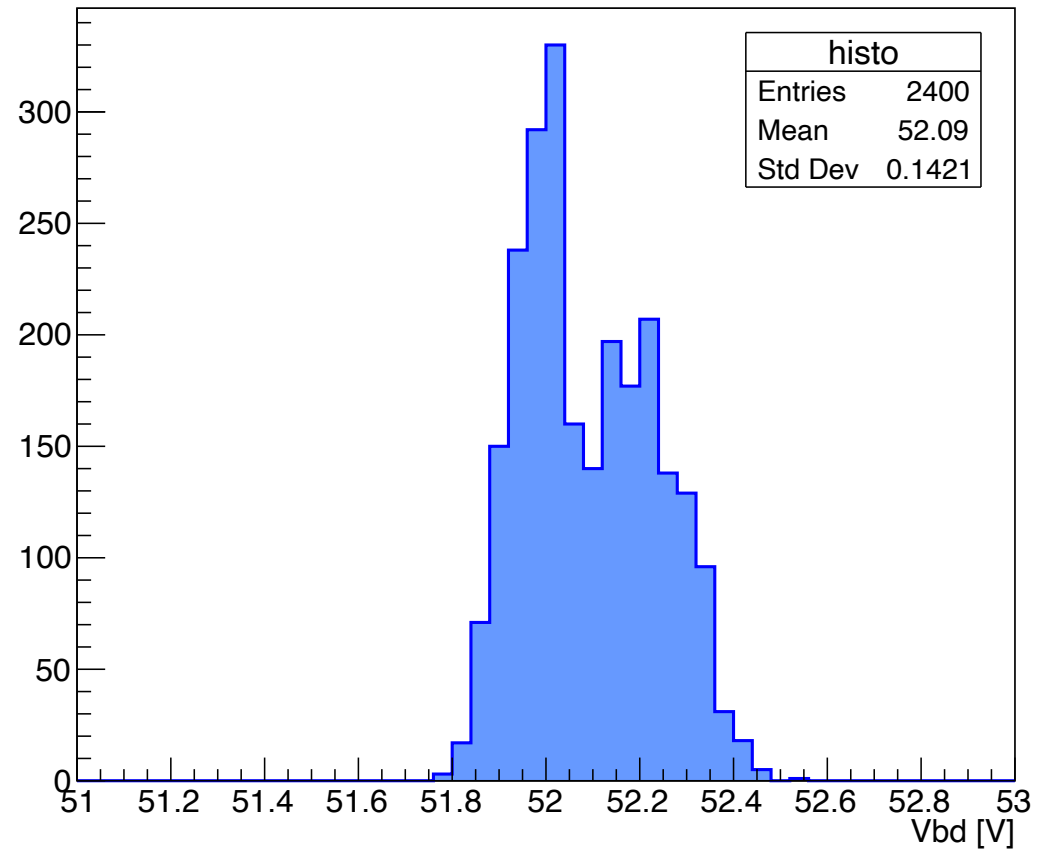
$V_{BR} = 52.32 \pm 0.08$ V

RESULTS: IV CURVES ROOM TEMPERATURE

FORWARD



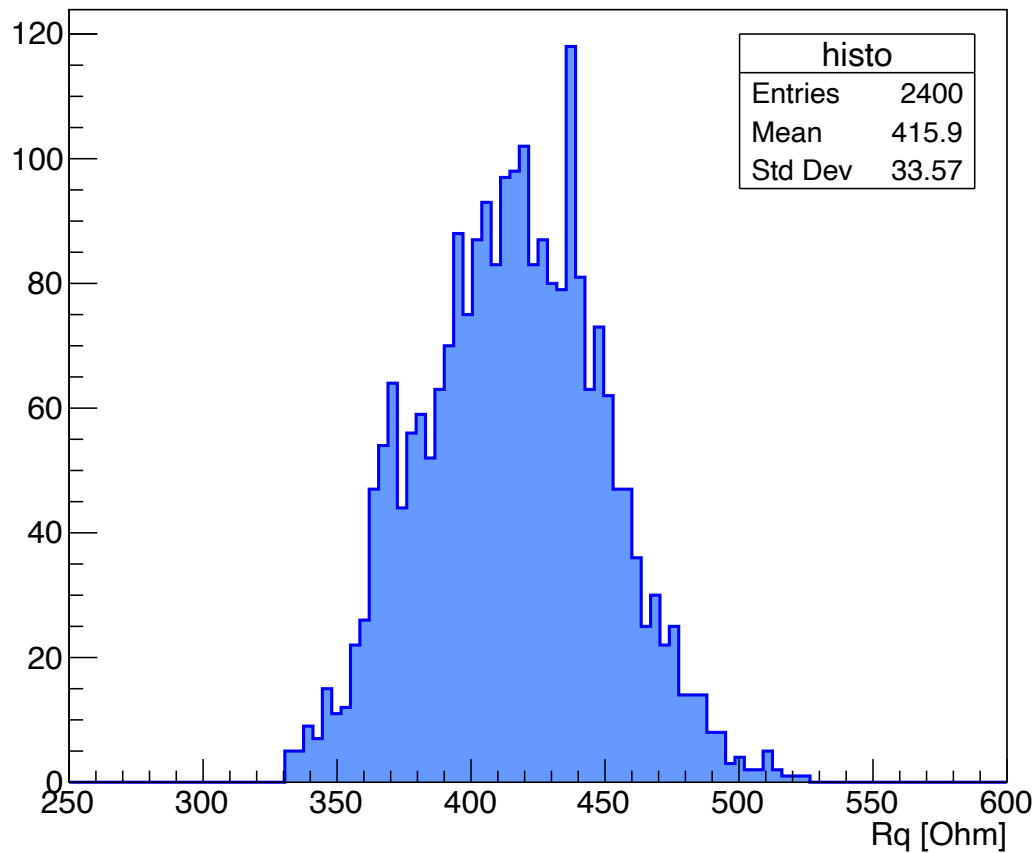
REVERSE



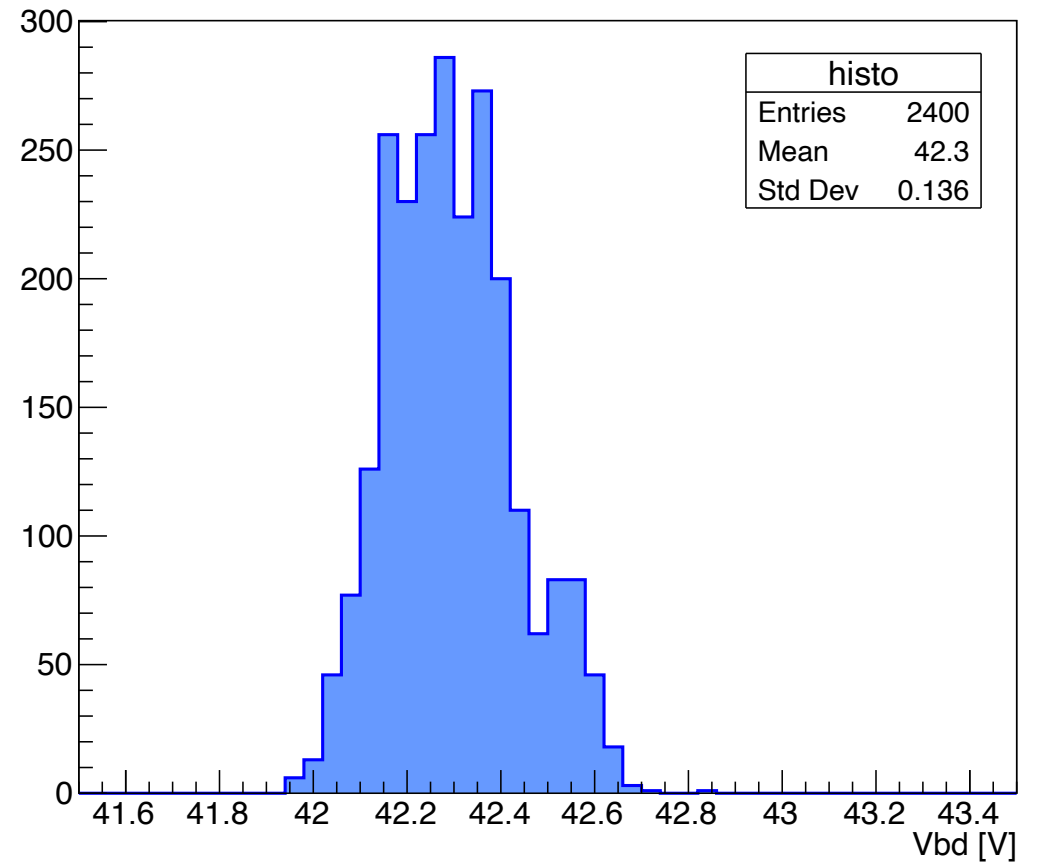
Room temperature values within the specs

RESULTS: IV CURVES LN₂ (FIRST CYCLE)

FORWARD



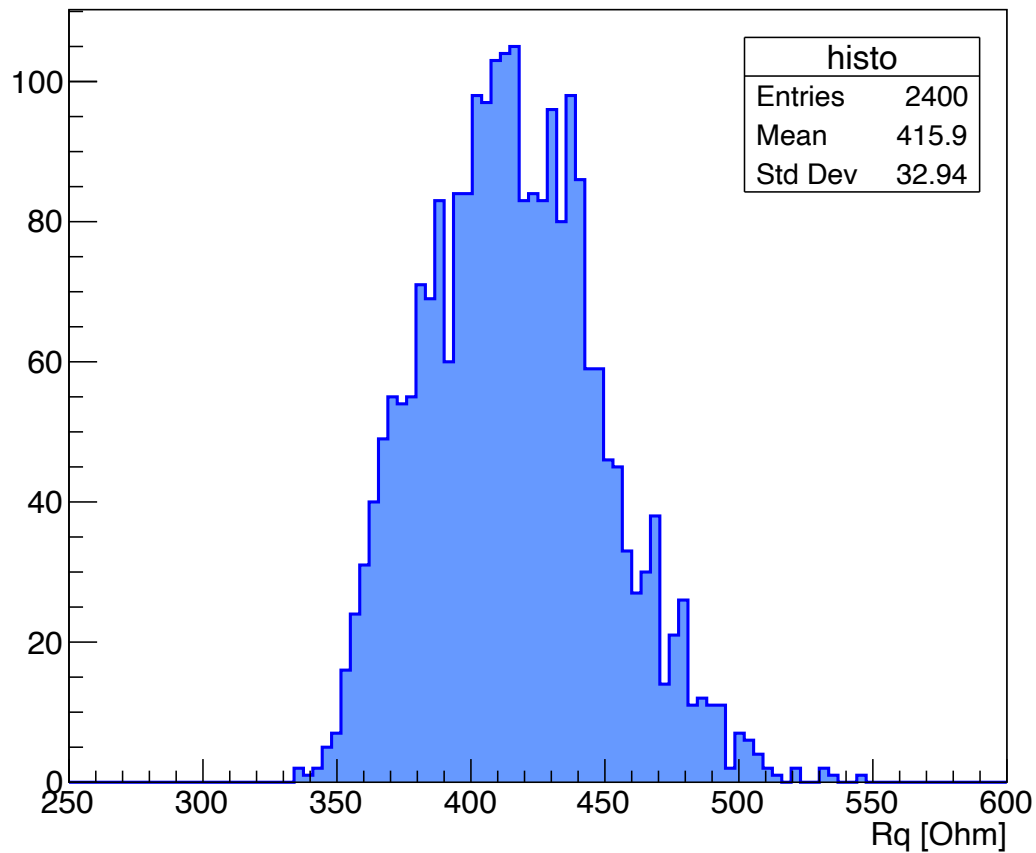
REVERSE



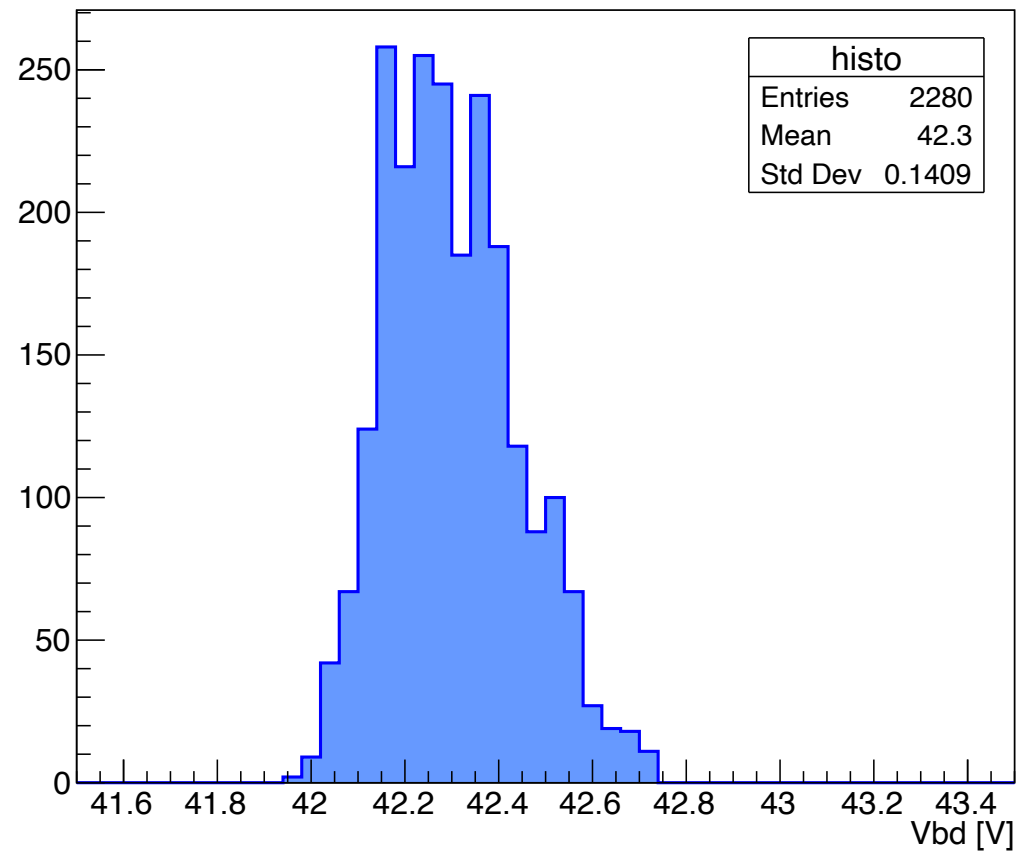
Trend within the specs: larger value of R_q and smaller value of V_{bd}

RESULTS: IV CURVES LN₂ (THIRD CYCLE)

FORWARD



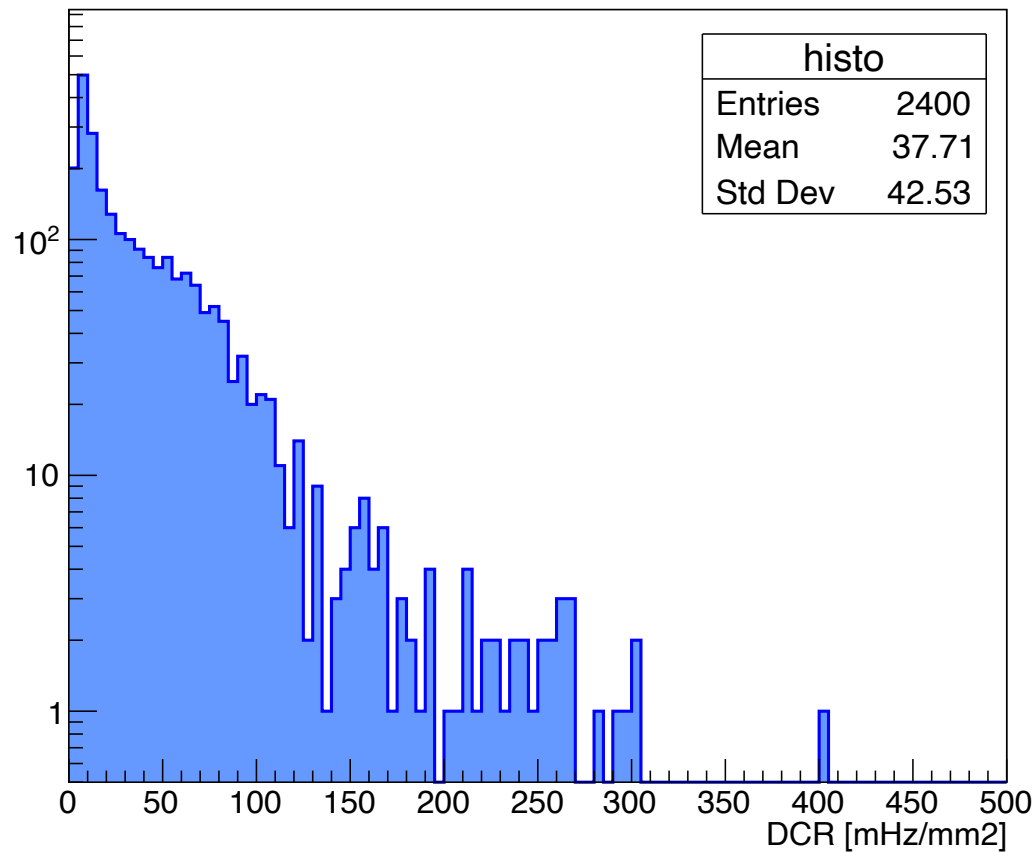
REVERSE



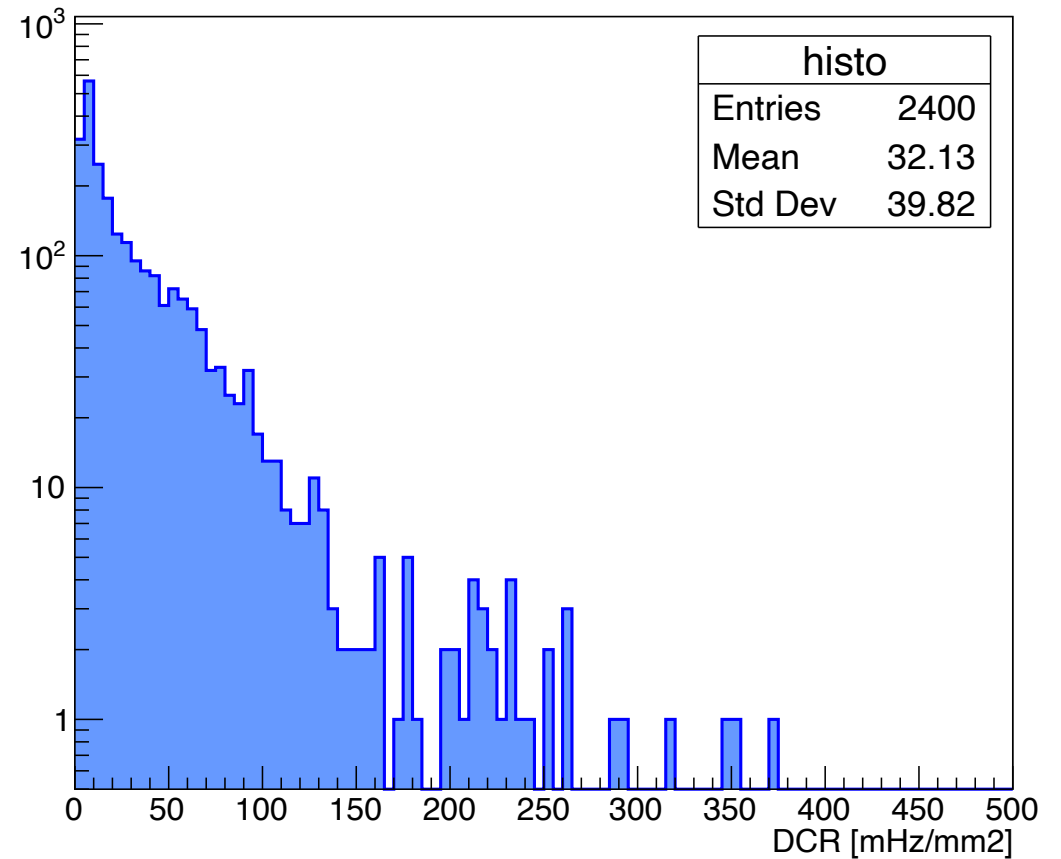
Values of the third cycle are compatible with the values of the first one

DCR MEASUREMENTS

FIRST CYCLE



THIRD CYCLE

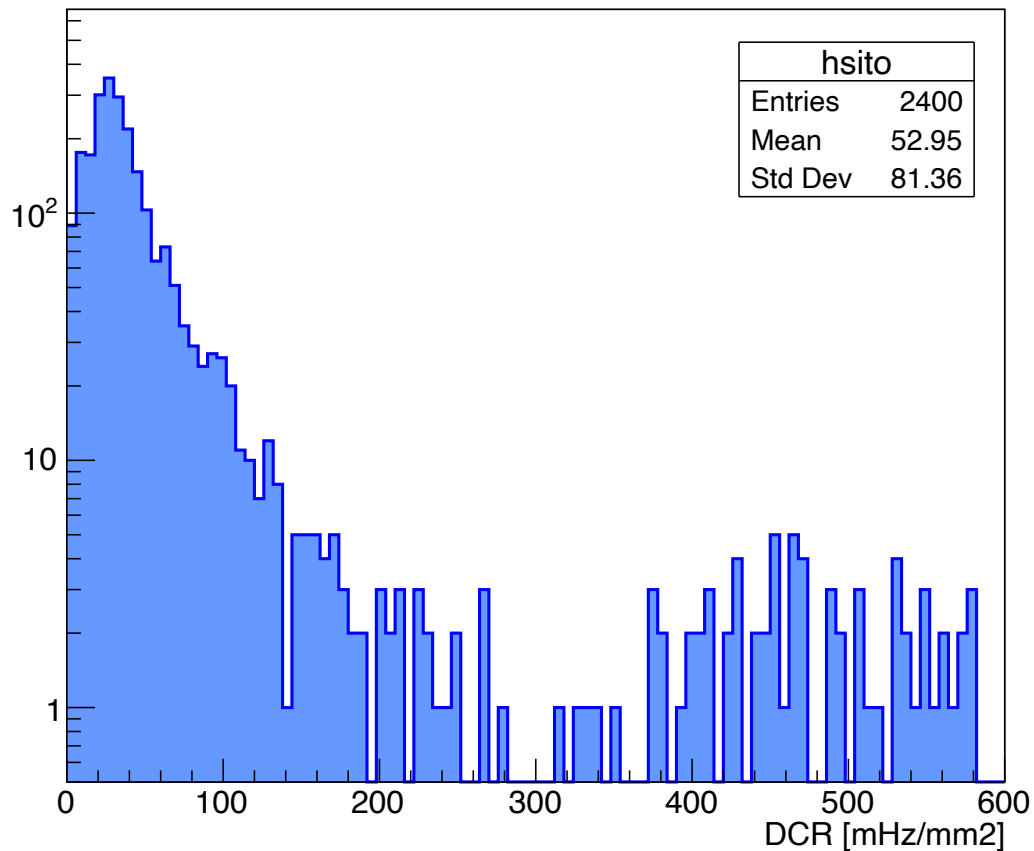


The DCR slightly improves in the third cycle because we wait about 10 min to take the data

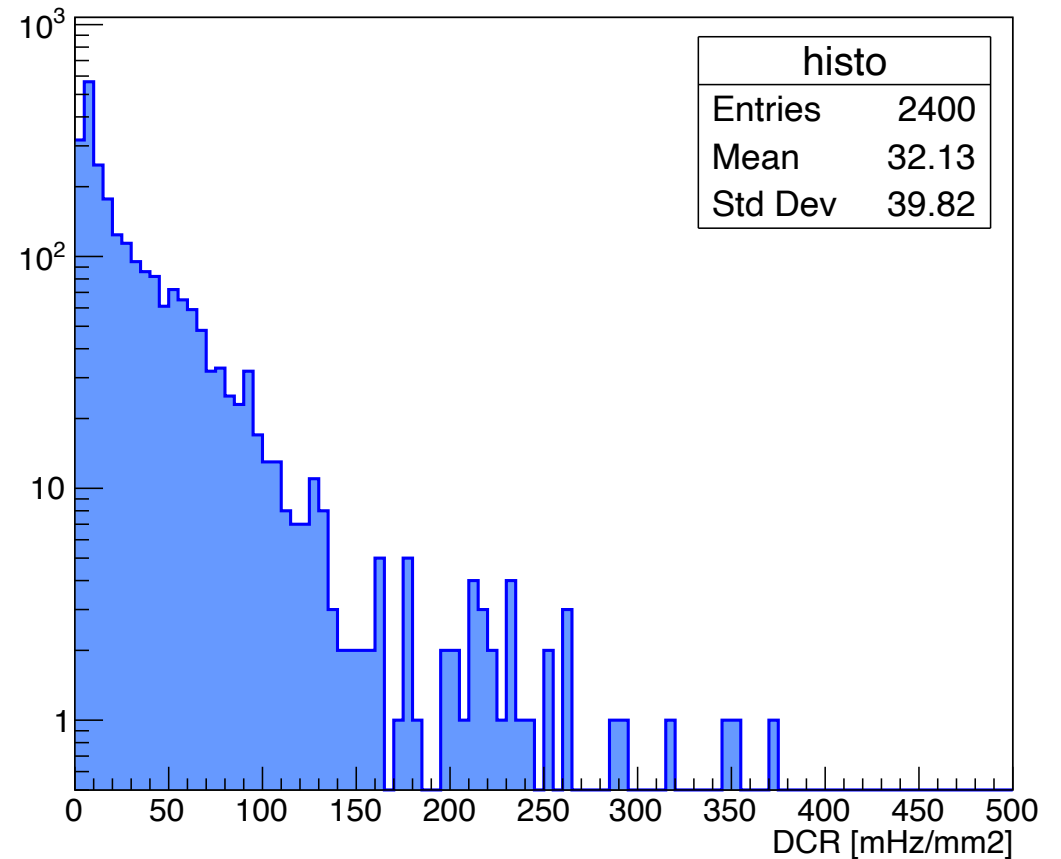
COMPARISON WITH PREVIOUS RESULTS

DCR after the third cycle

RUN1



RUN2



We have clearly improved the dark conditions of our black box