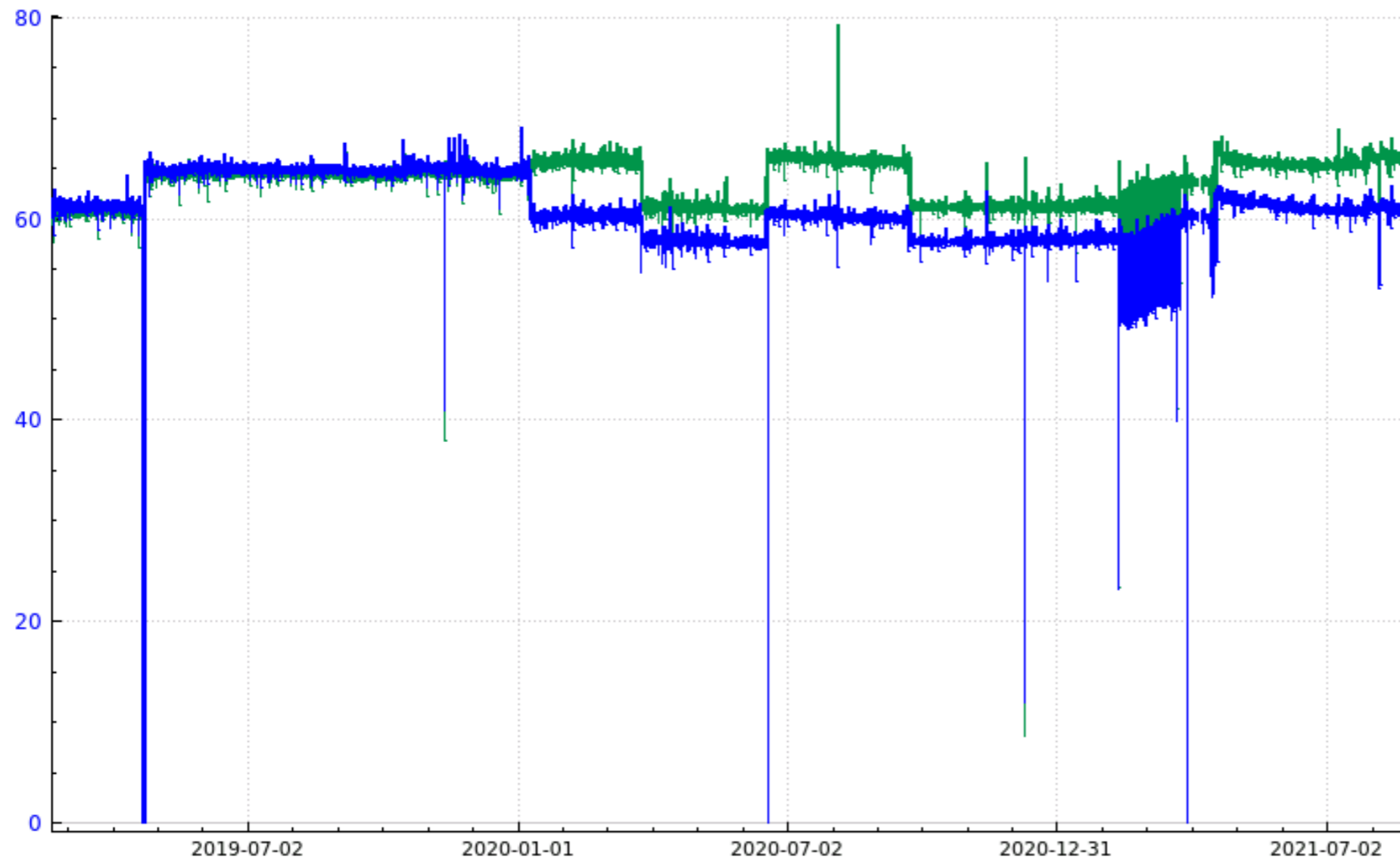


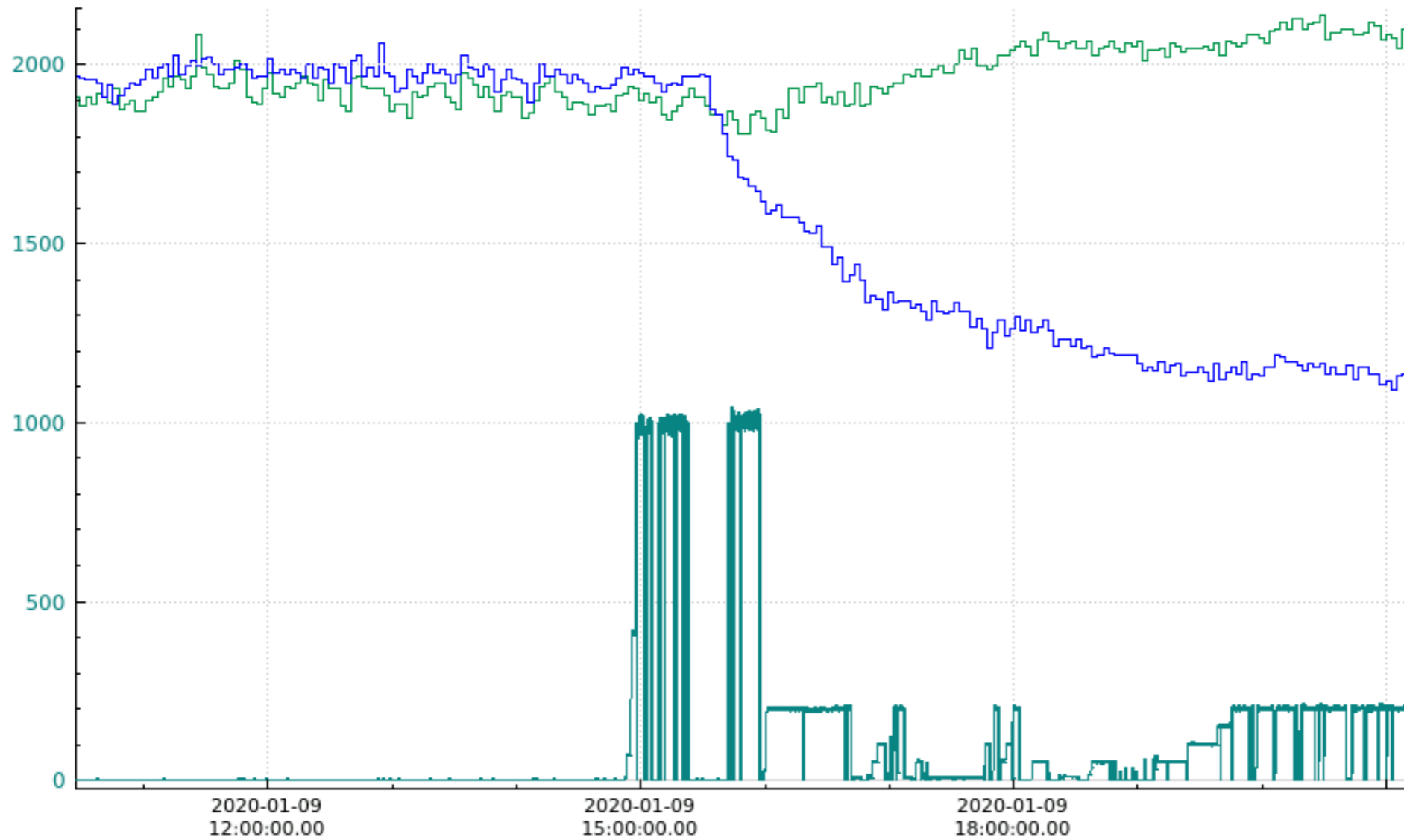
FDC1 Cell1 gas issue?



- GAS:i::FDC_CDC_Pressure-FDC_P1_C1_Press*
- GAS:i::FDC_CDC_Pressure-FDC_P1_C2_Press*
- GAS:i::FDC_CDC_Pressure-FDC_P1_C3_Press*
- GAS:i::FDC_CDC_Pressure-FDC_P1_C4_Press*
- GAS:i::FDC_CDC_Pressure-FDC_P1_C5_Press*
- GAS:i::FDC_CDC_Pressure-FDC_P1_C6_Press*

Y axis: linear auto tiled X axis: 183 days

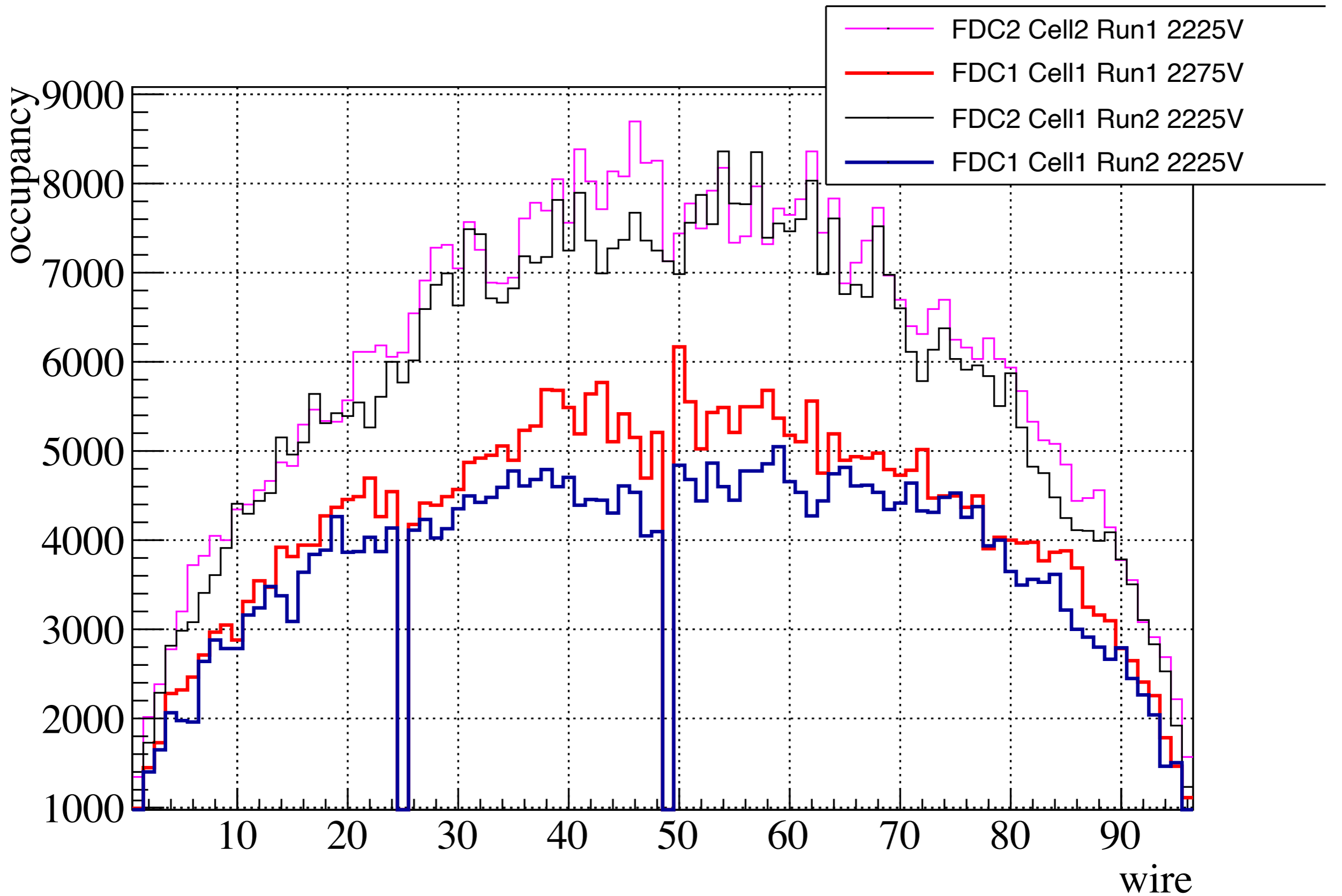
FDC1 Cell1 gas issue?



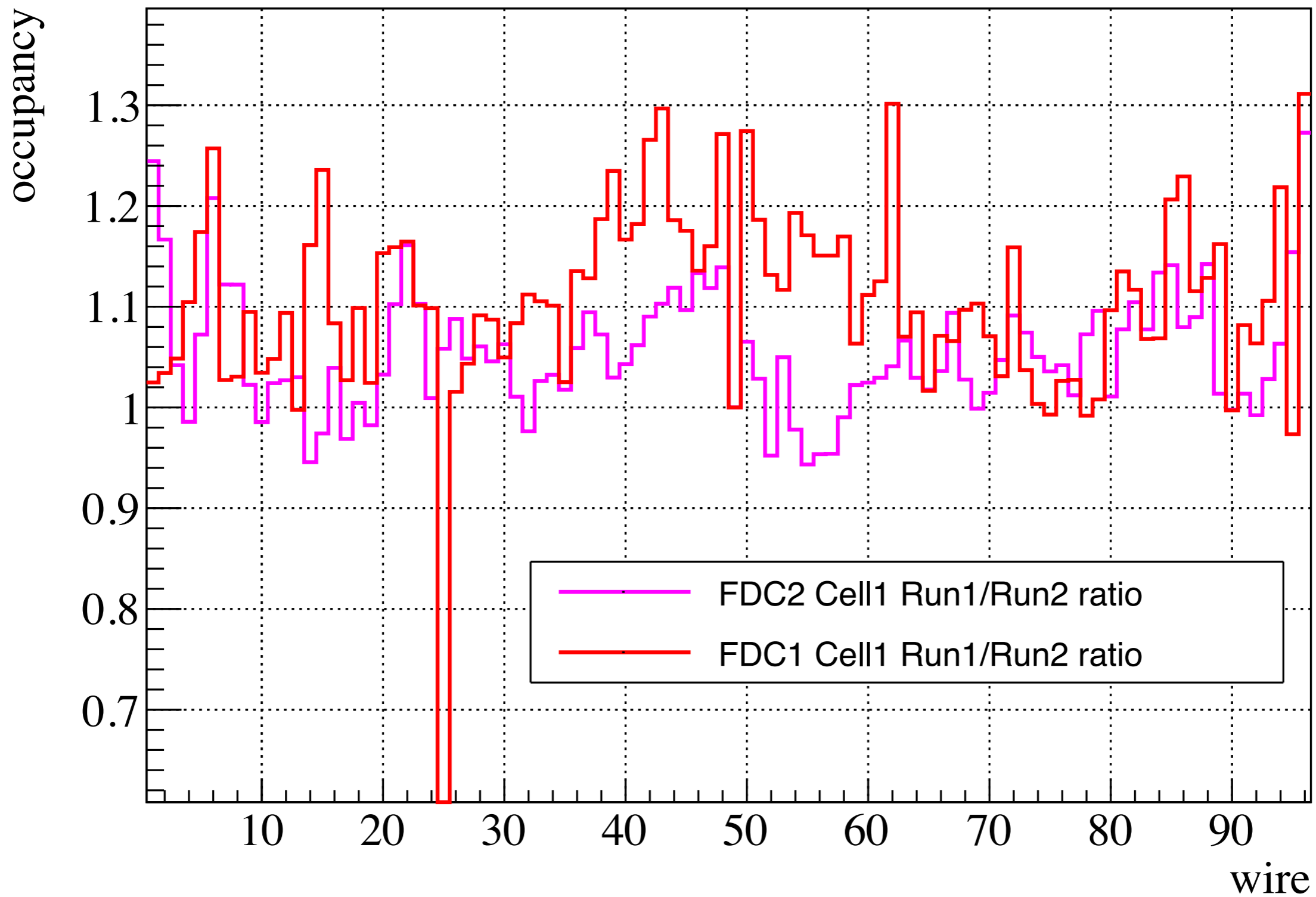
-
- GAS:i::FDC_CDC_Pressure-FDC_P1_C1_Press
- GAS:i::FDC_CDC_Pressure-FDC_P1_C2_Press
- GAS:i::FDC_CDC_Pressure-FDC_P1_C3_Press
- GAS:i::FDC_CDC_Pressure-FDC_P1_C4_Press
- GAS:i::FDC_CDC_Pressure-FDC_P1_C5_Press
- GAS:i::FDC_CDC_Pressure-FDC_P1_C6_Press
- IBCAD00CRCUR6**
- hd:collimator:x:motor.RBV

Y axis: linear auto tiled X axis: 3 hours

FDC1 Cell1 wires - varying HV

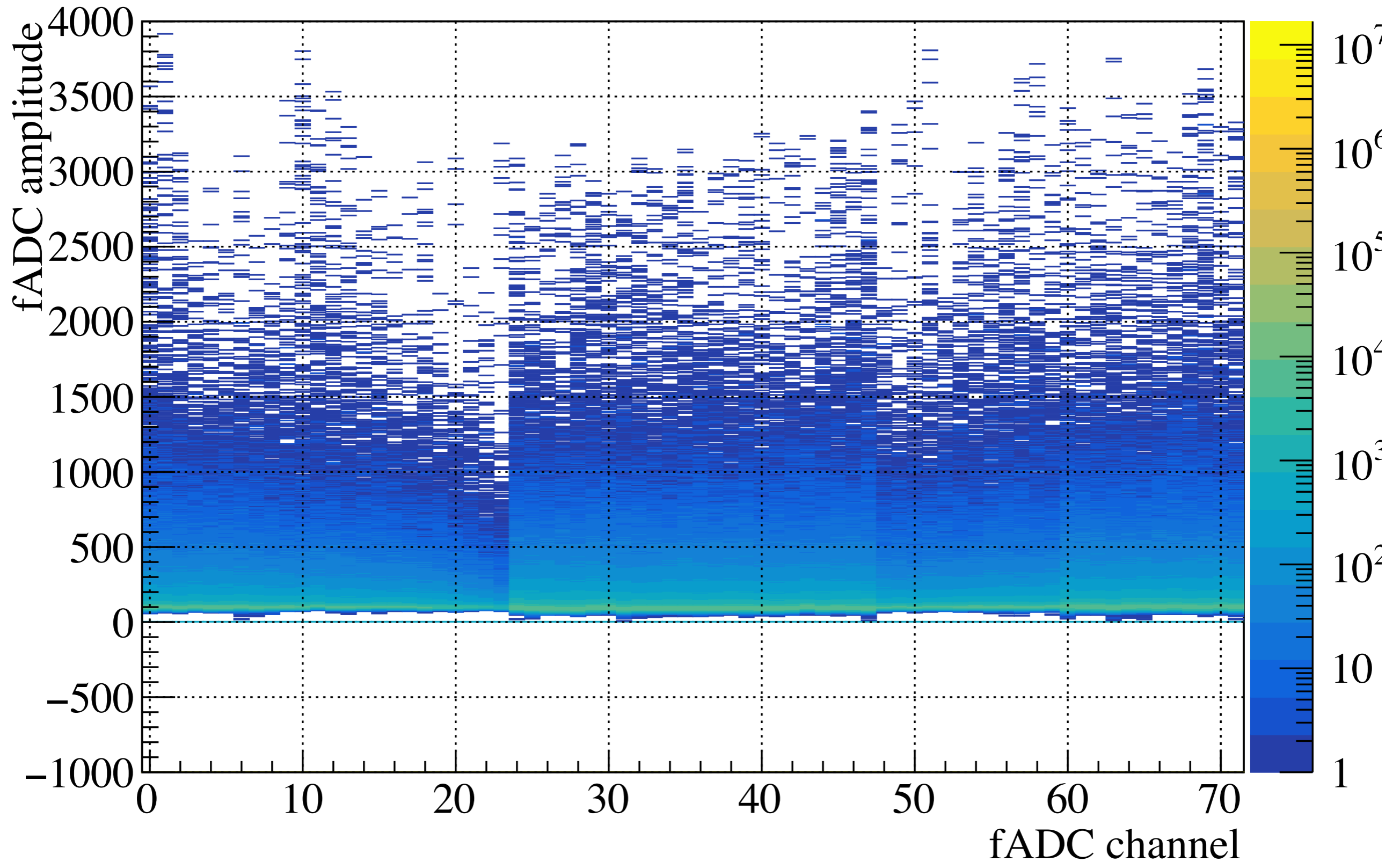


FDC1 Cell1 wires - varying HV



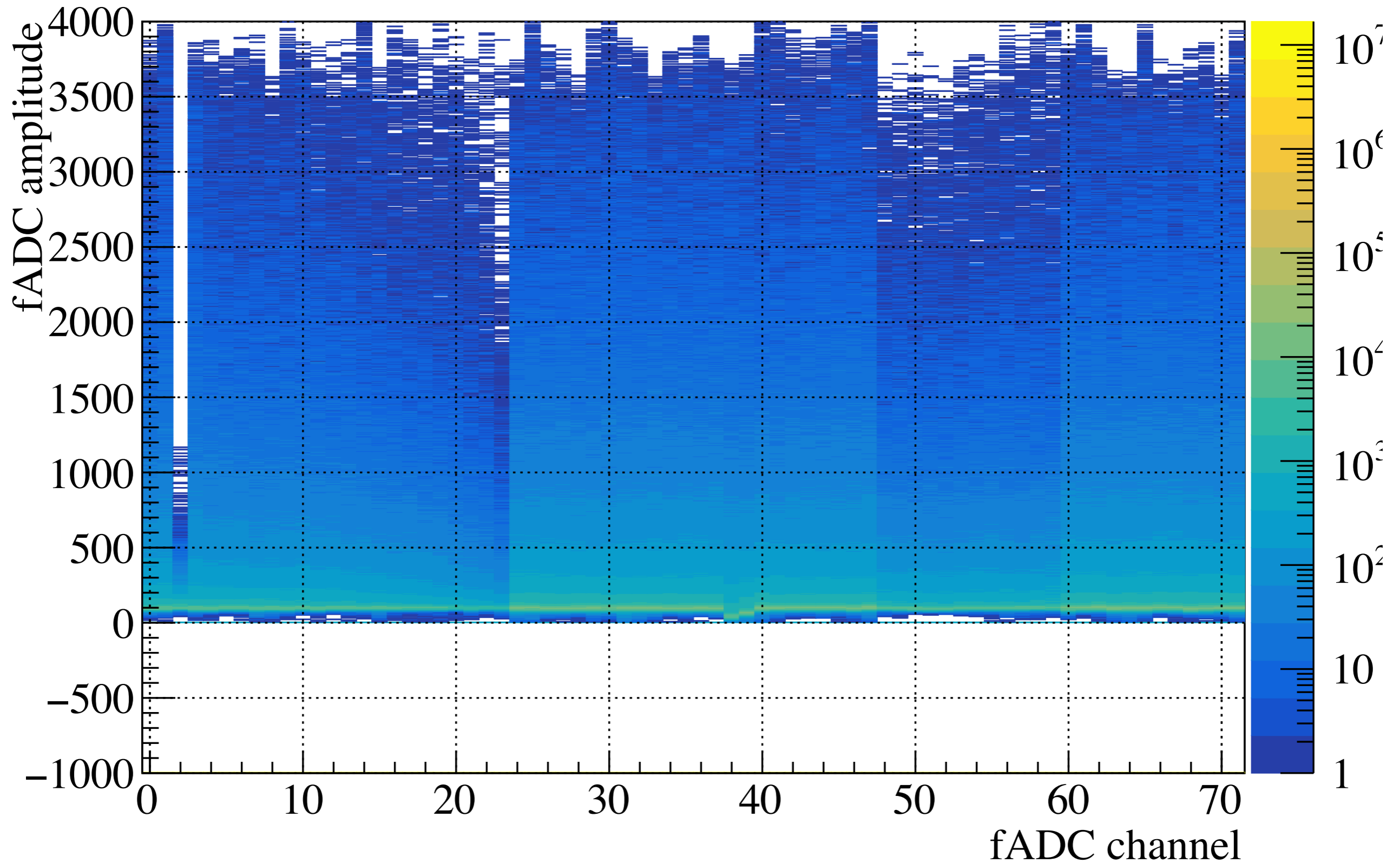
FDC1 Cell1 strips - varying HV

ROC4 Slot0 Raw Data

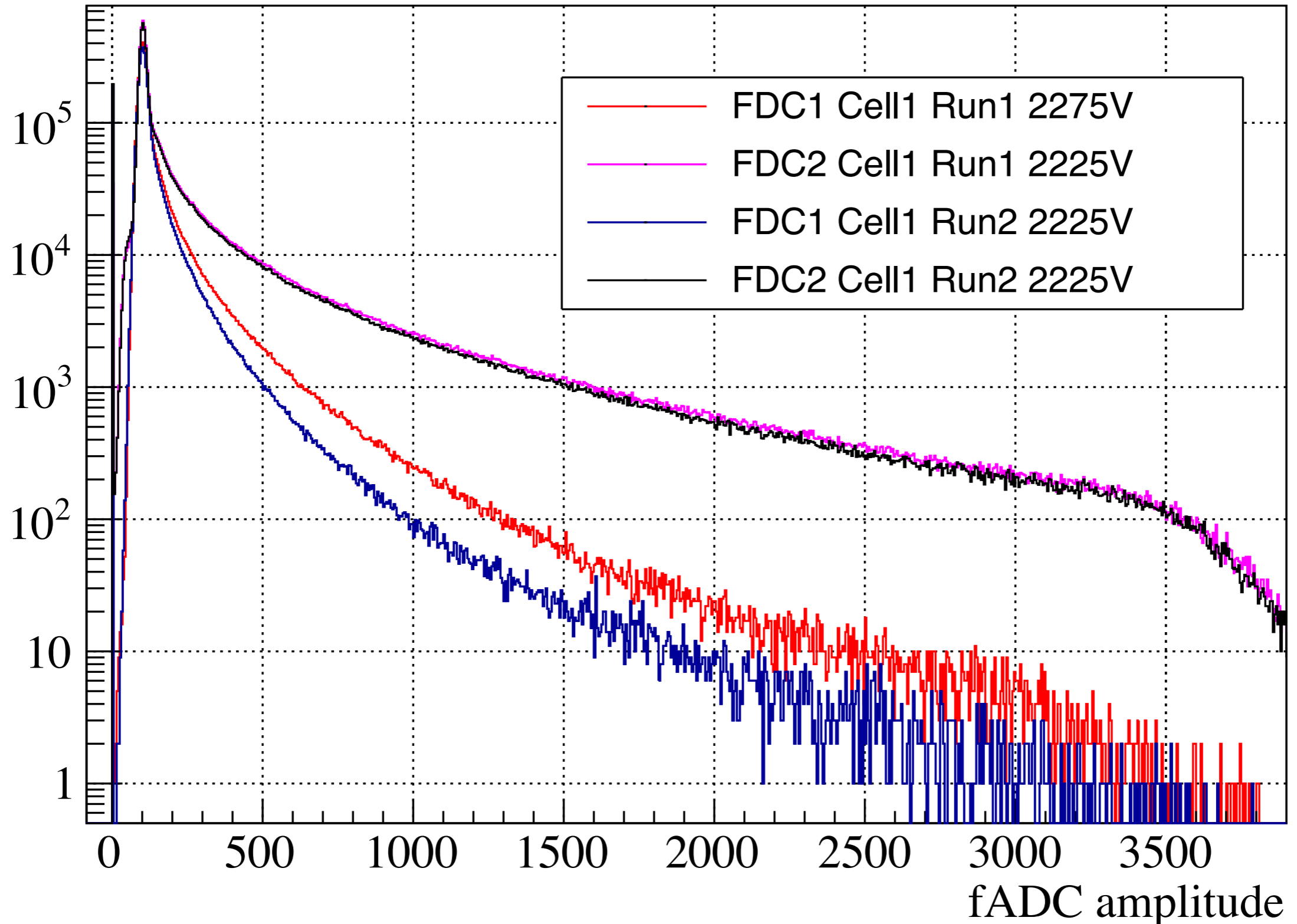


FDC1 Cell1 strips - varying HV

ROC5 Slot4 Raw Data



FDC1 Cell1 strips - varying HV



FDC1 Cell1 - further steps

More analyses:

- Charge/efficiency vs drift time: looking at straight track runs during TRD tests in front of the magnet (runs 72993, 72994, 72995 - still on gluon disks) - some difficulties with the timing info
- Charge/efficiency vs drift time: using standard runs with magnetic field - not in the FDC_Efficiency plugin - for all the chambers together

Tests with the chamber:

- Increase HV
- Increase gas flow
- Straight track data
- ?????