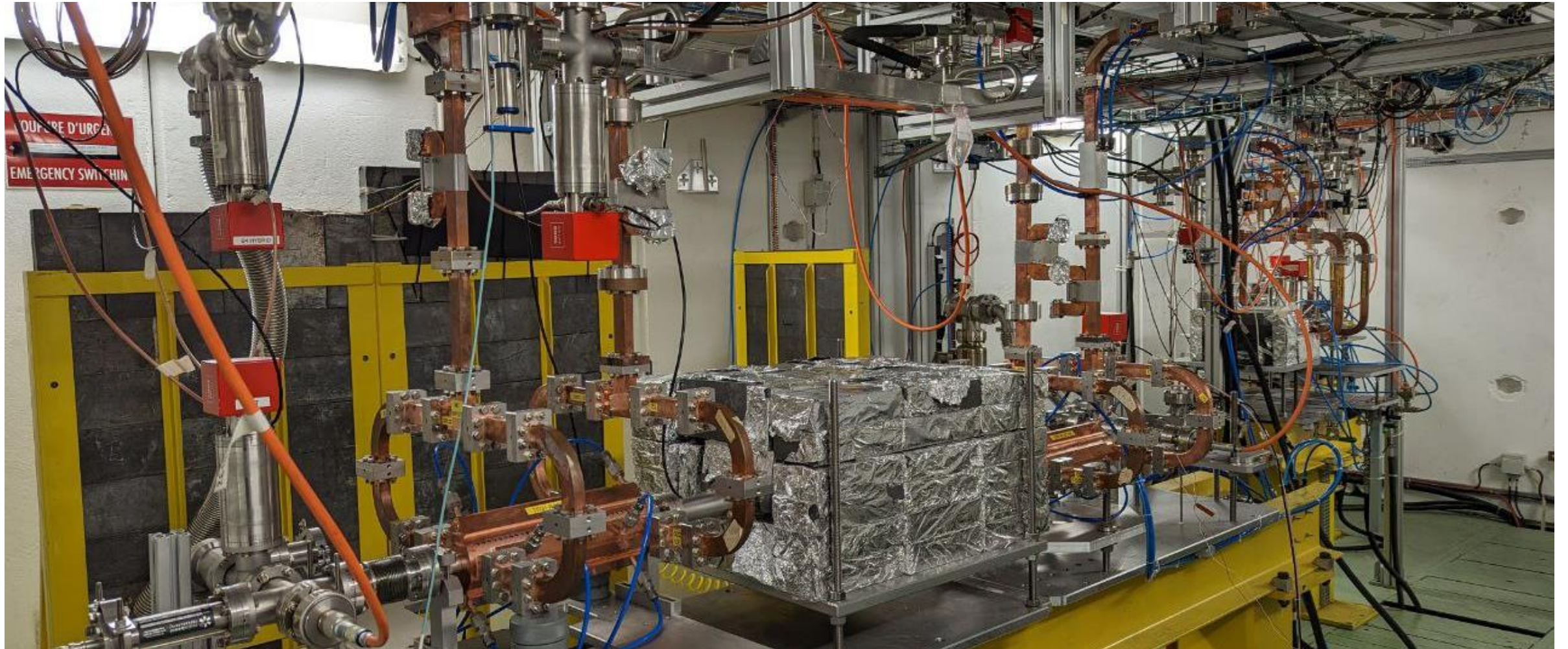


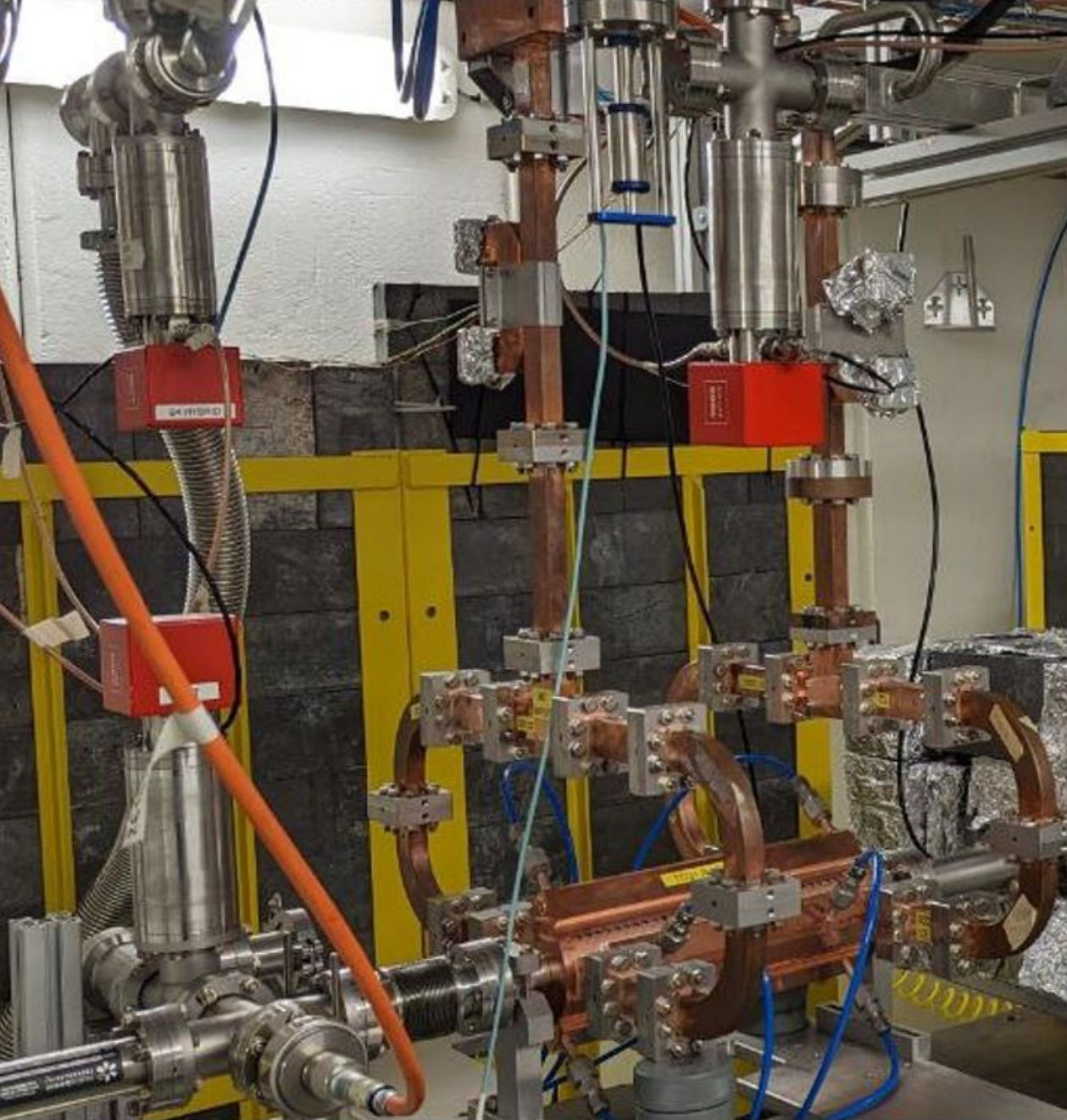


X-Box Update

14.12.2023

X-Box 2: TD31 N3 N4

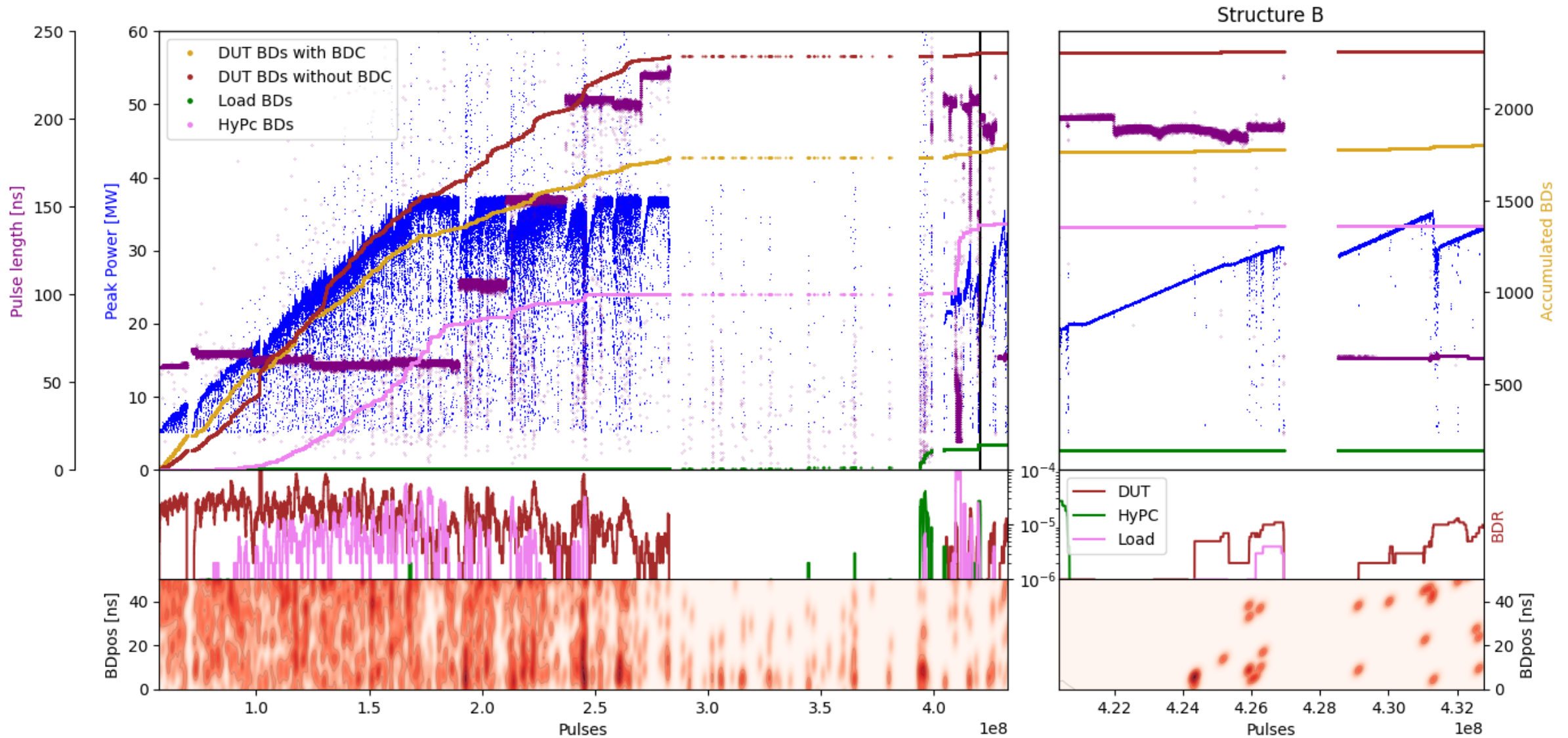




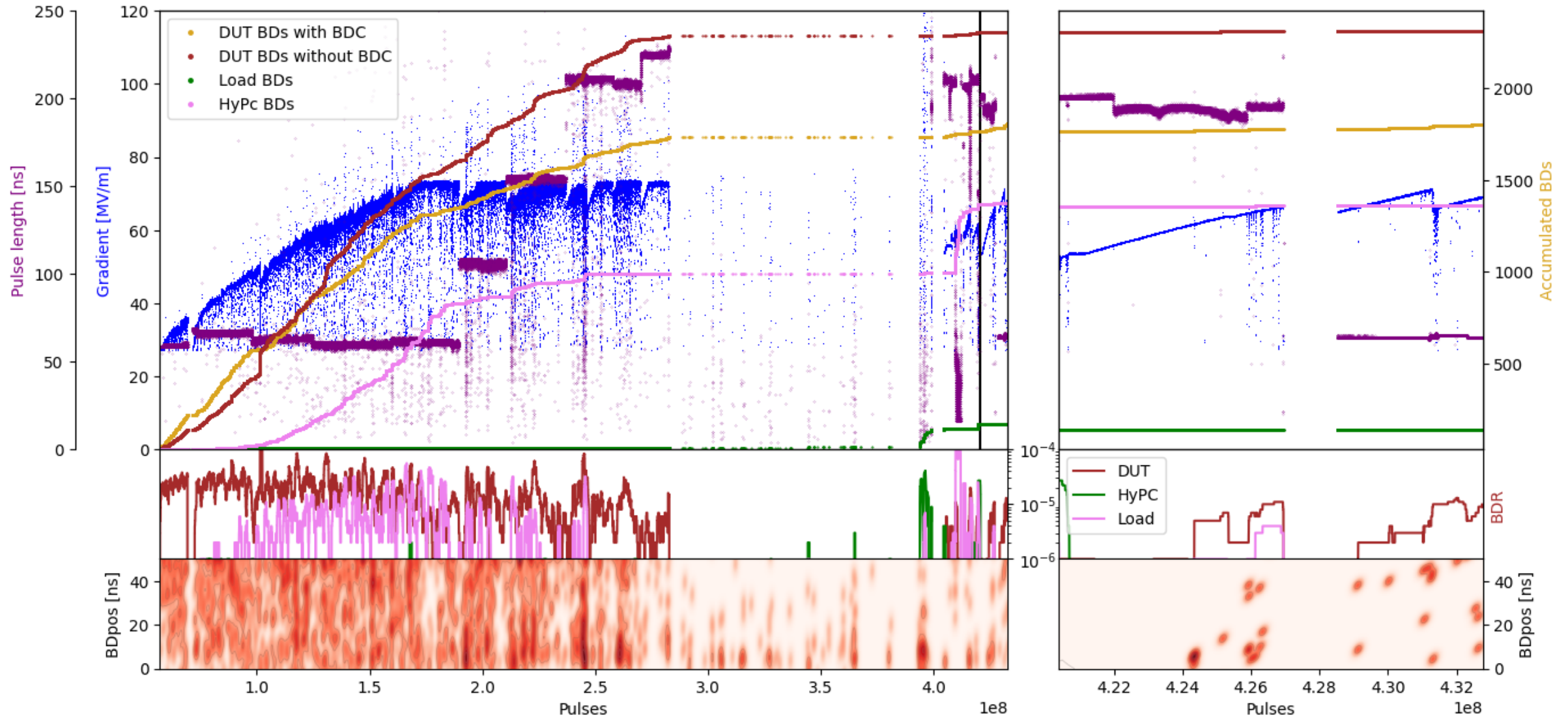
X-Box 2 TD31 N3 N4: Structure B

- Stopped 11.07.2023
- Restarted 01.12.2023
- Calibration re-done at higher power levels
- Current peak power: 34.66 MW
- Current pulse length: 120 ns

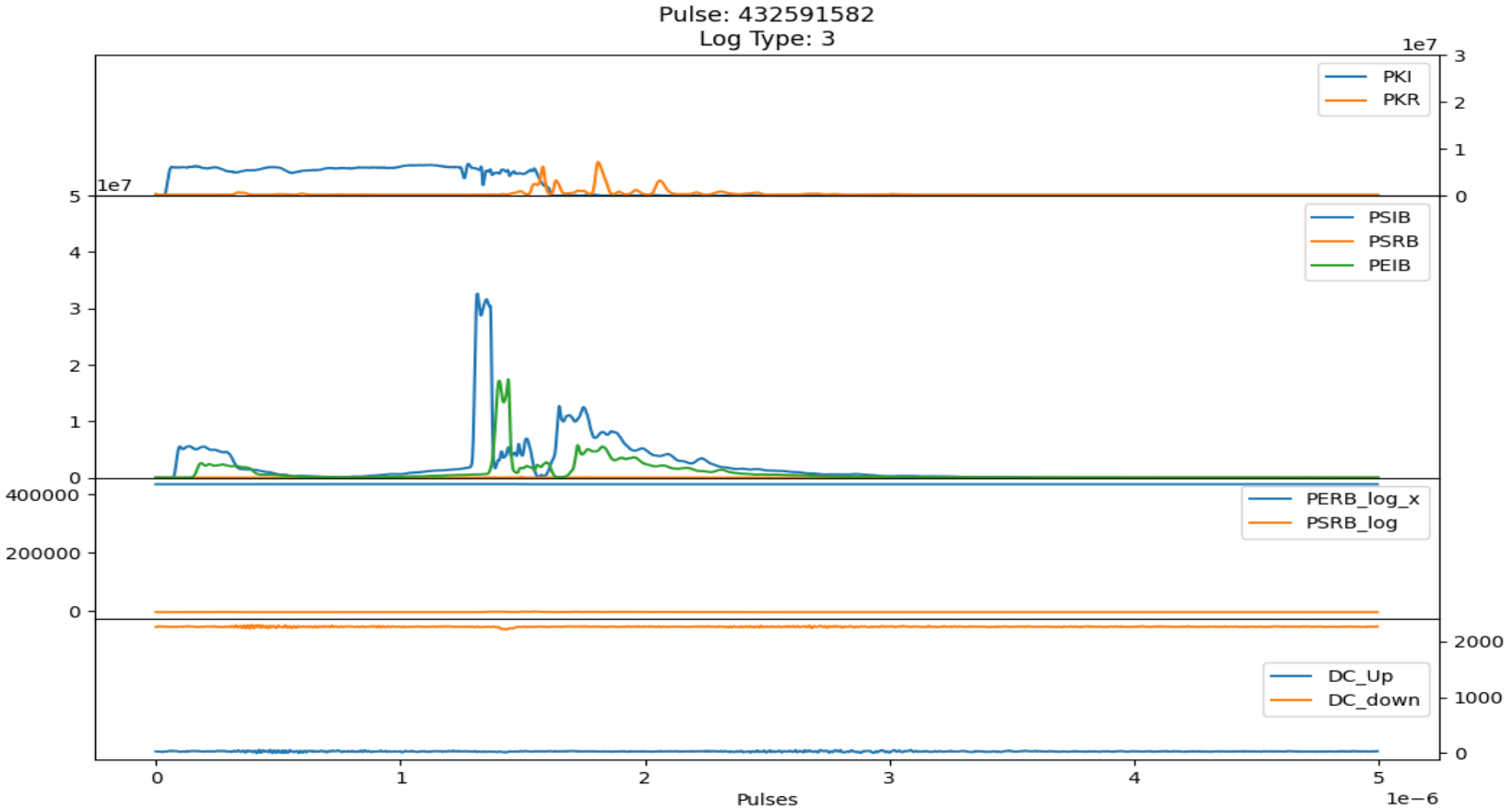
X-Box 2: TD31 N3 N4 Structure B – Peak Power



X-Box 2: TD31 N3 N4 Structure B – Gradient

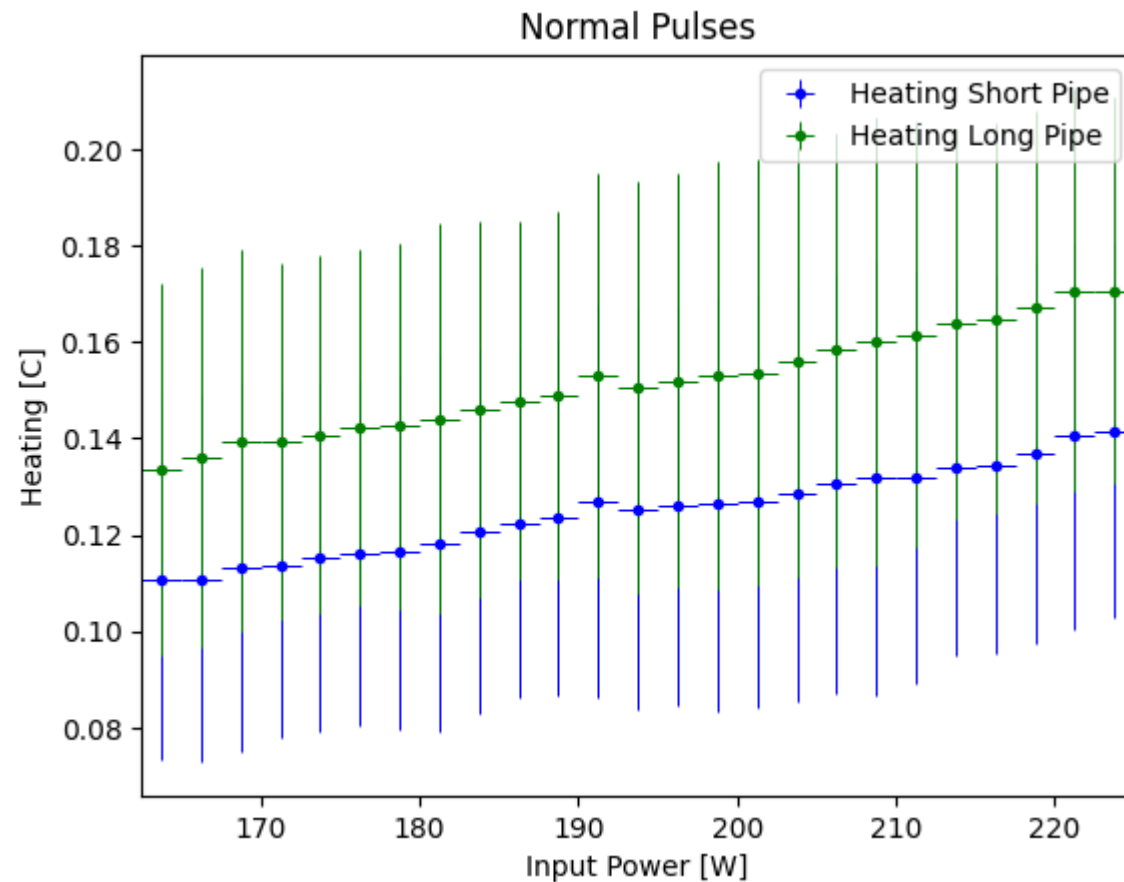
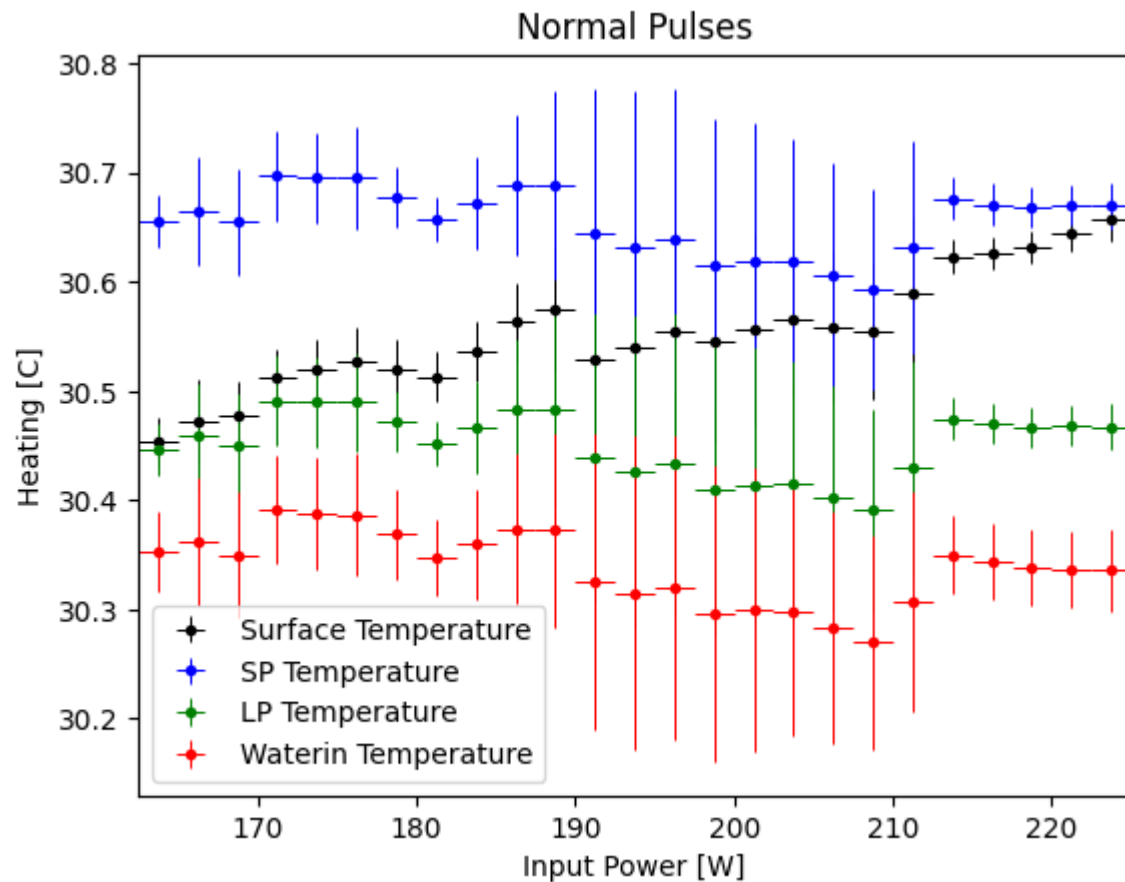


Coditioning pulse

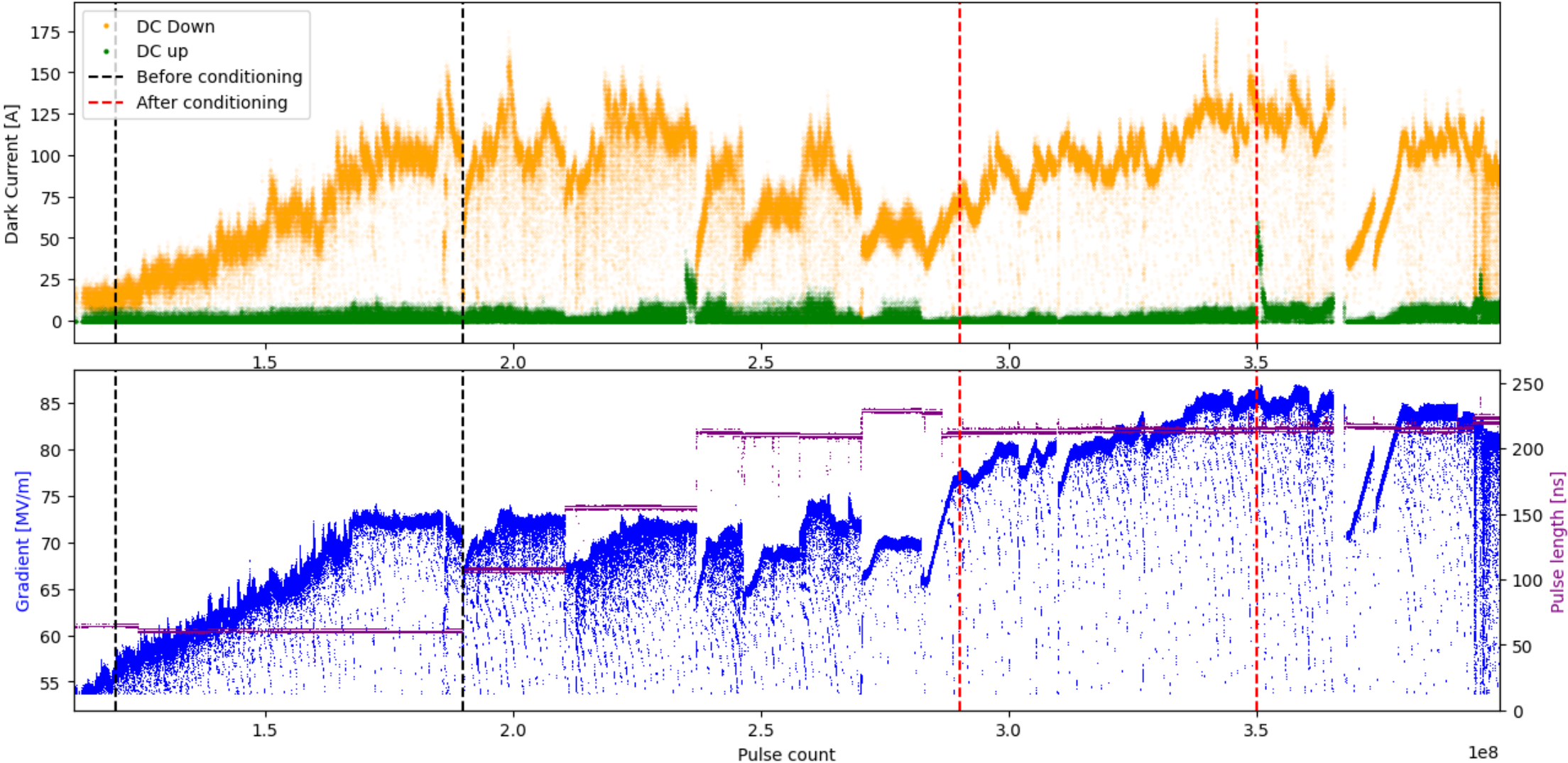


Water Measurement

Offset Short Pipe Structure B: -0.192C
Offset Long Pipe Structure B: 0.039C

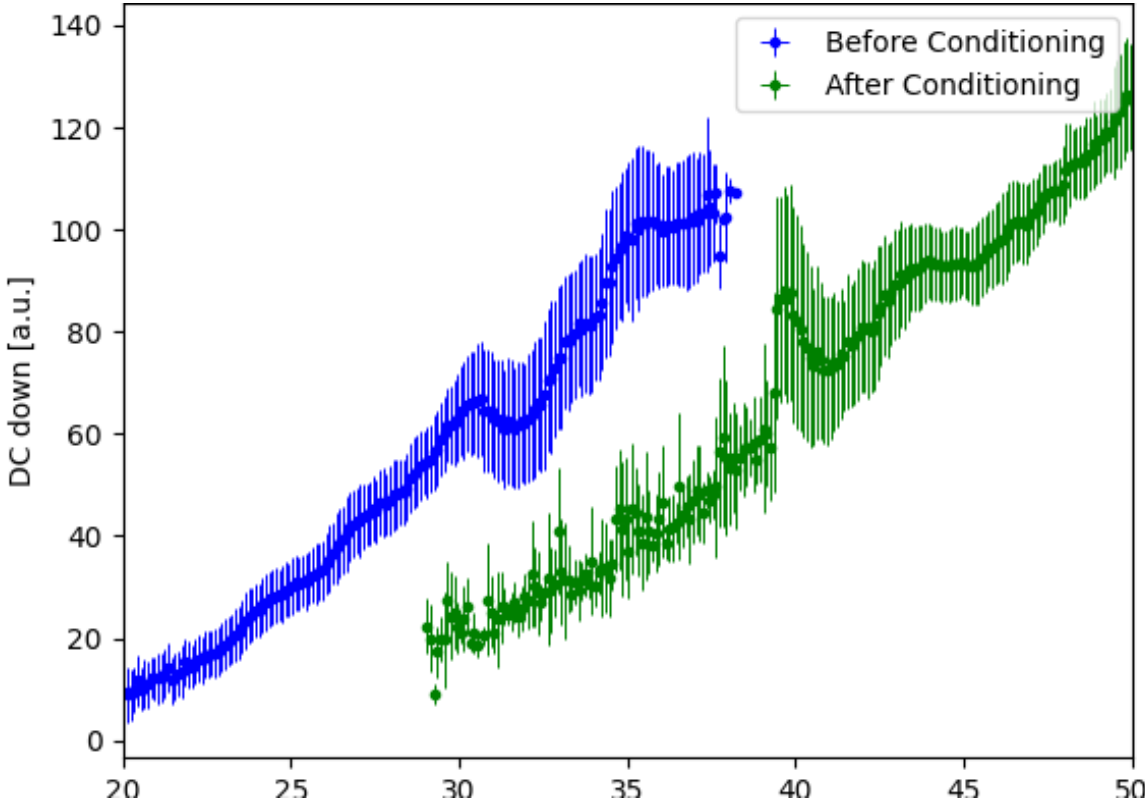


Beta Plots Xbox-2 Structure A



Beta Plots Xbox-2 Structure A

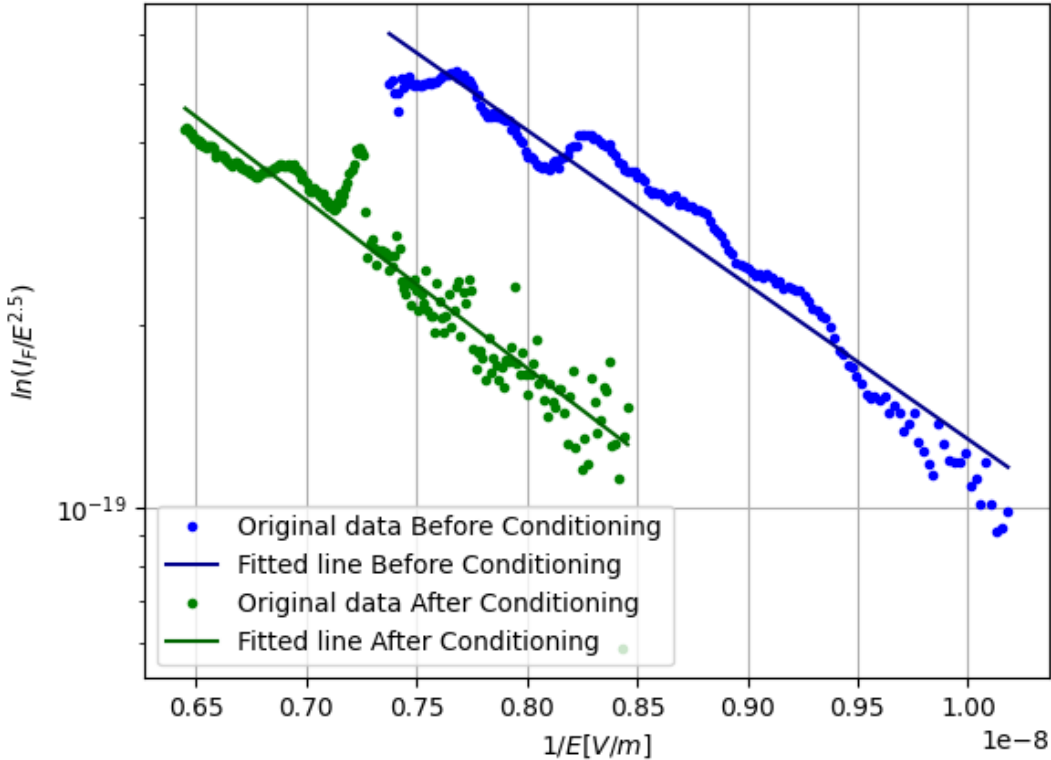
DC down



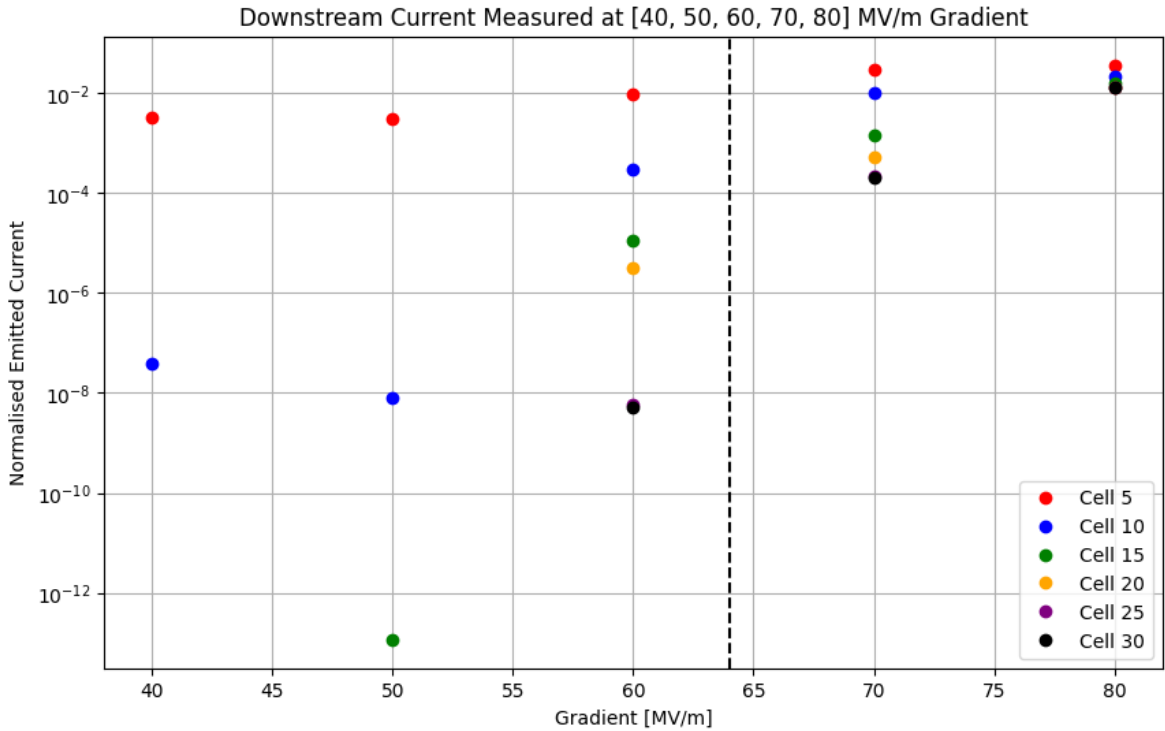
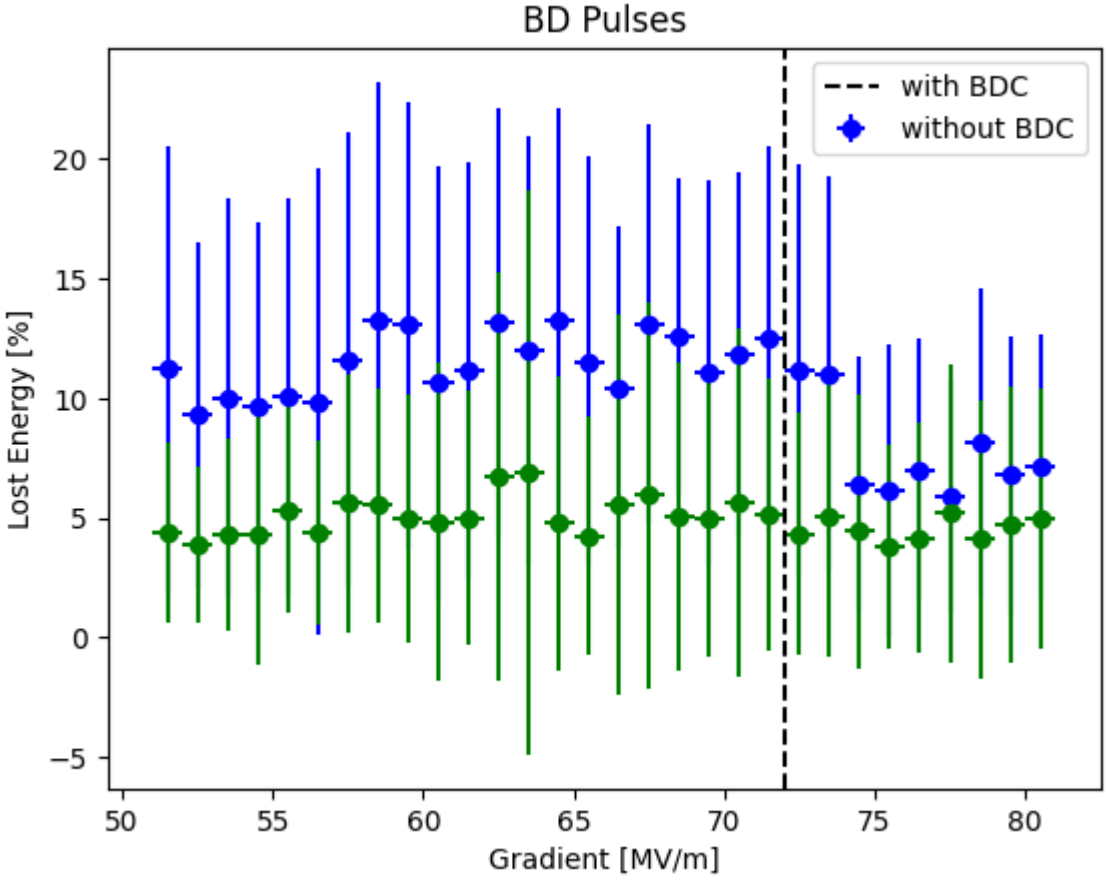
FN plot

$$\beta_{before} = 48.635$$

$$\beta_{after} = 44.852$$



Lost Energy – Capture Gradient





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