



BDR vs E in the Large Electrode System

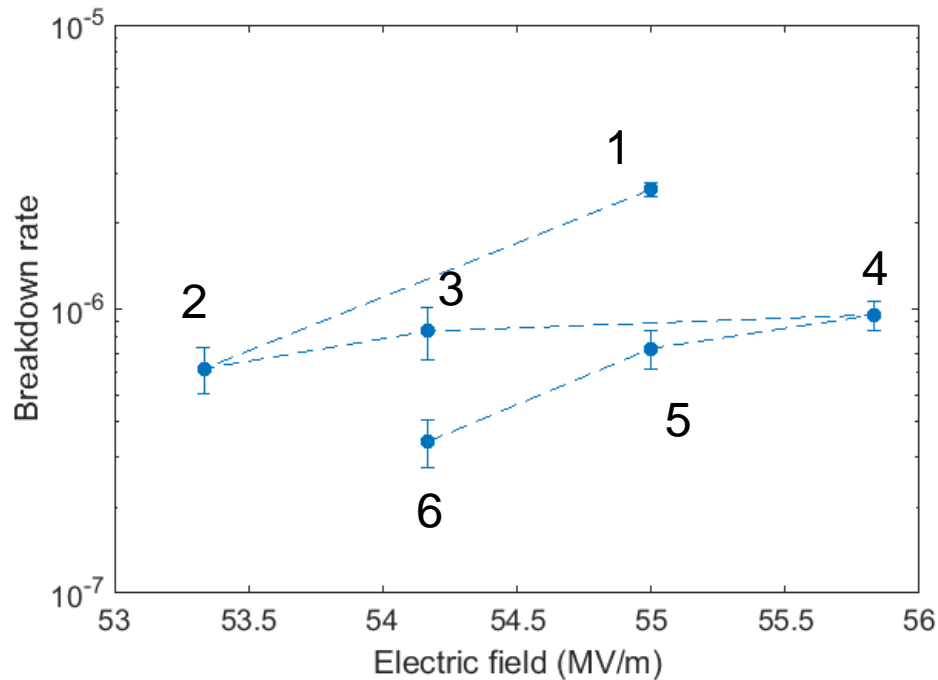
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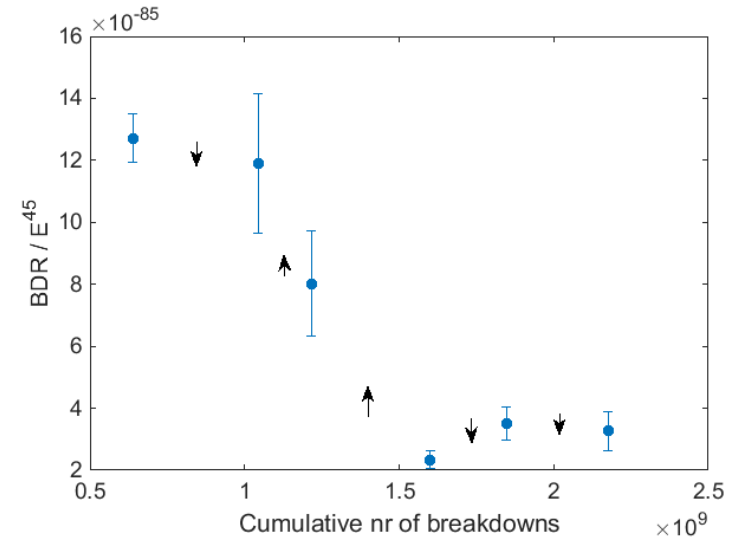
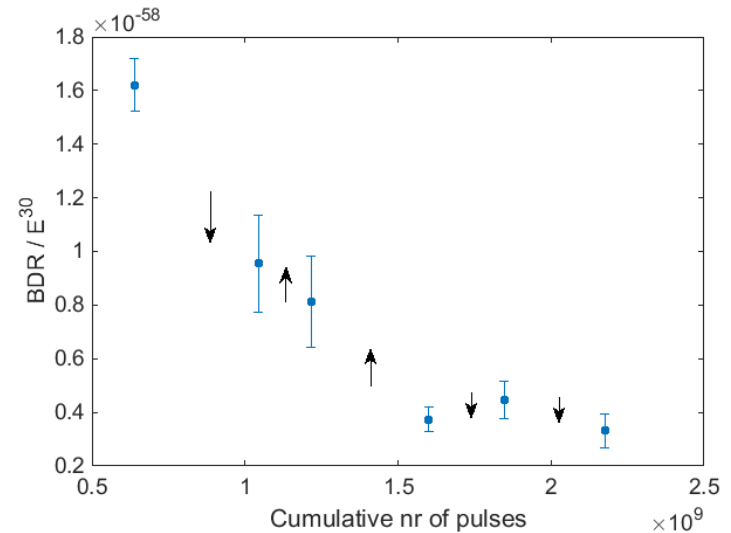
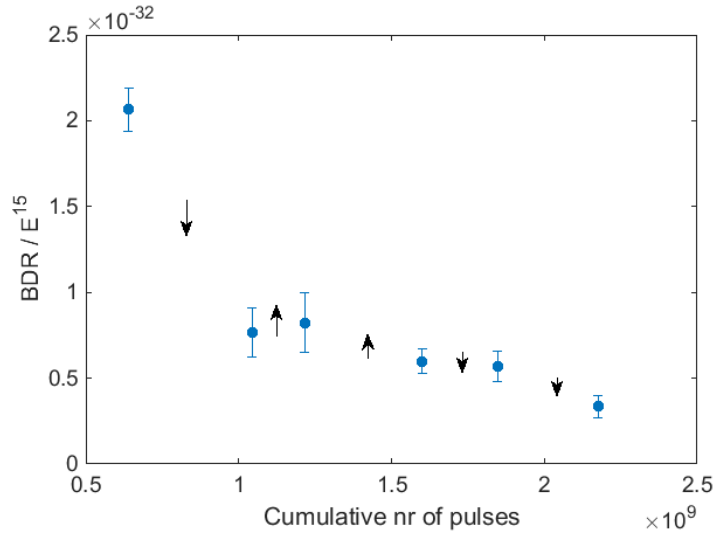


BDR vs E



Data points for BDR vs E were collected at six different field levels, shown in plot in order. Contrary to what was initially thought, conditioning clearly is still happening, compromising the analysis and making a straight exponential dependence hard to extract.

Normalized BDR vs E



For correct normalization exponent, normalized BDR should decrease monotonically, regardless of which direction the voltage is turned in. Normalized BDR is shown for exponents 15, 30 and 45. Arrows show the direction of voltage change between data points.

Obtained results are consistent with $BDR = E^{30}$, but result inconclusive due to large uncertainty.