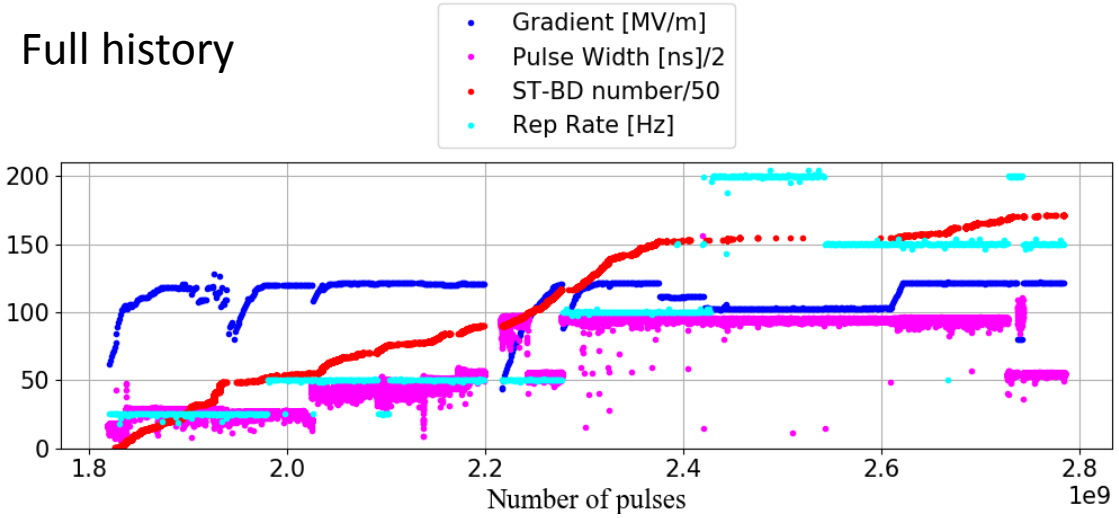
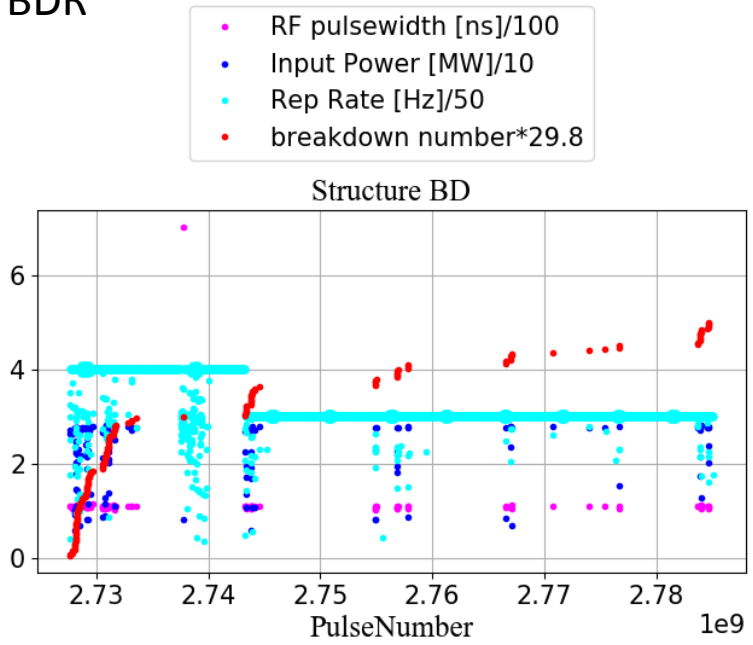
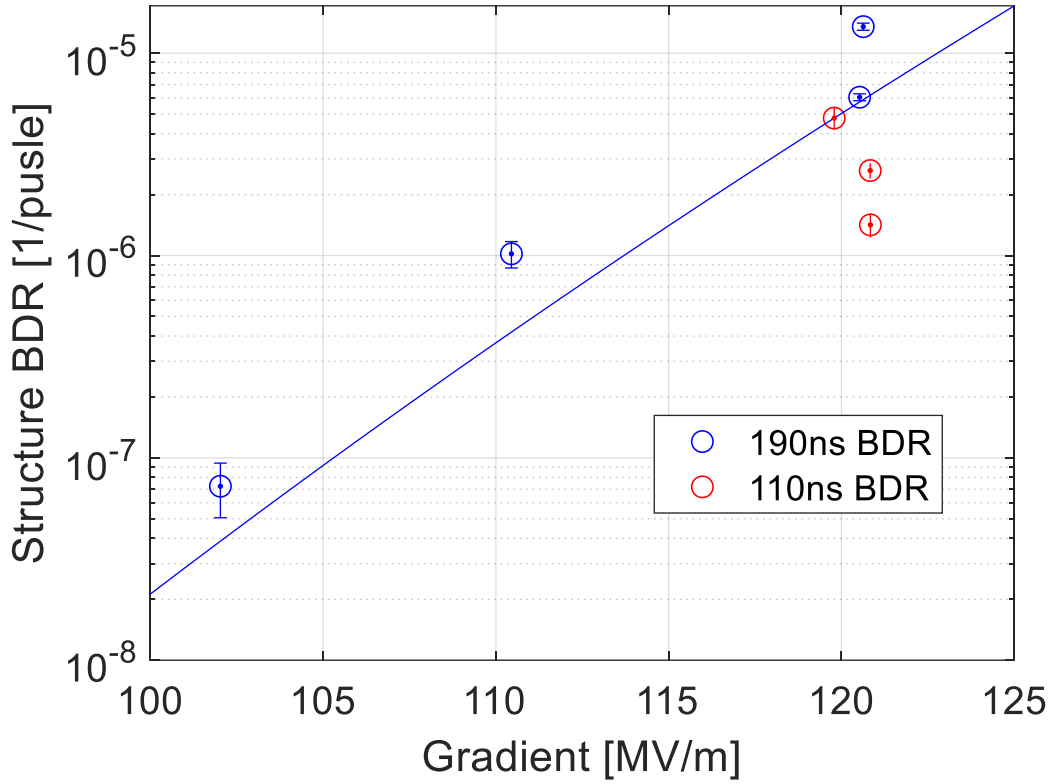
Full history



110 ns BDR