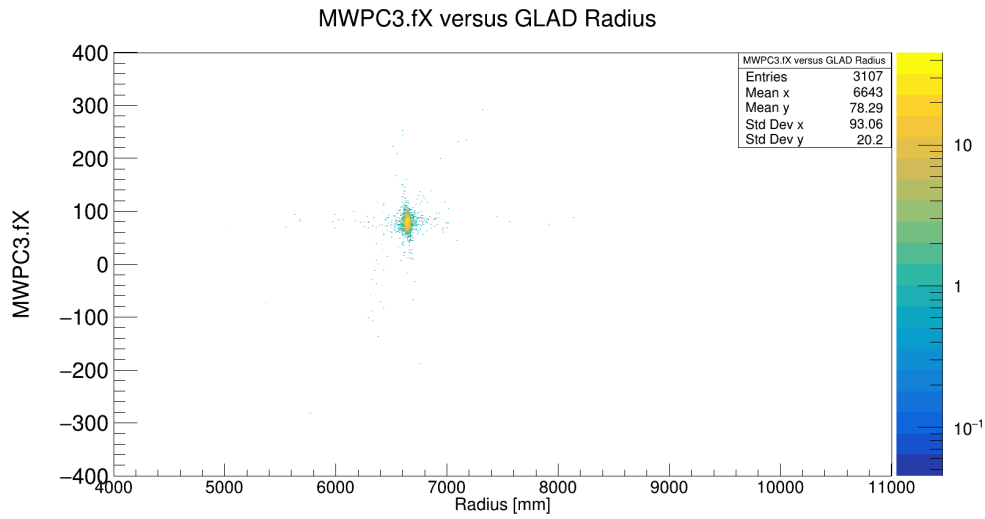


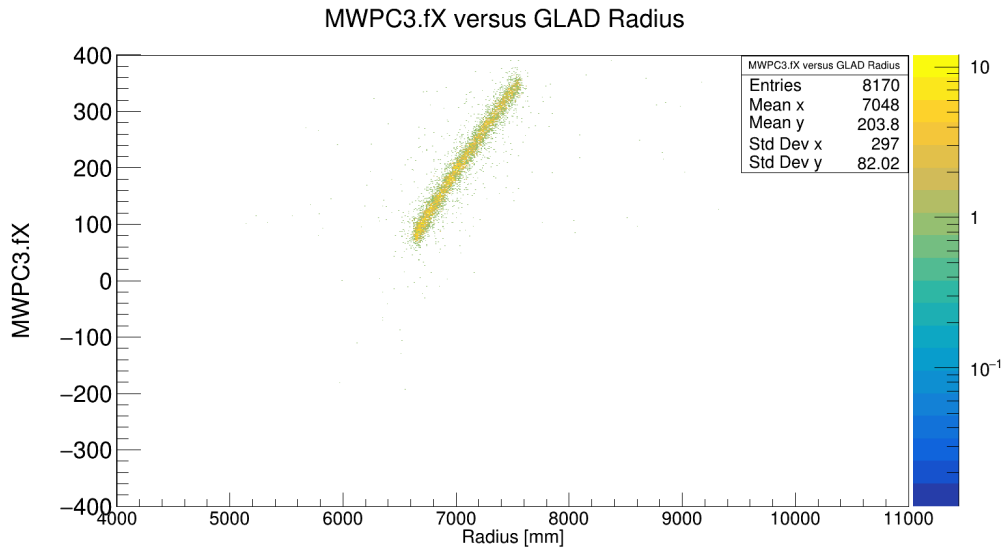
# GLAD analysis

Tobias Jenegger





(a) "Radius vs MWPC3.fX for RUN 53 with GLAD current 1444A."



(b) "Radius vs MWPC3.fX for RUN 62 with sweeping GLAD current."

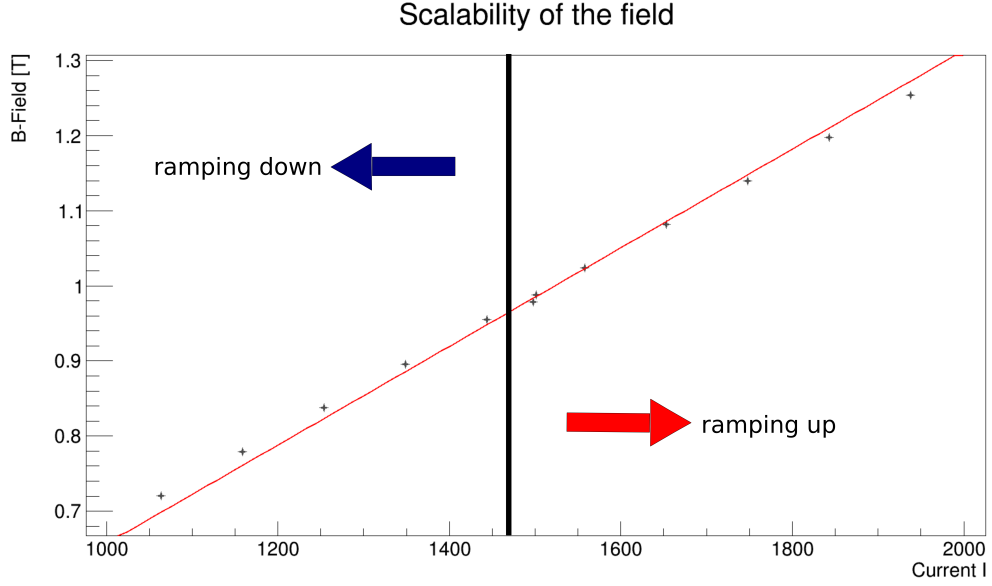


Figure 3: "Current vs B-Field"

the Current number of RUN 39 to 1482 Ampere we get:

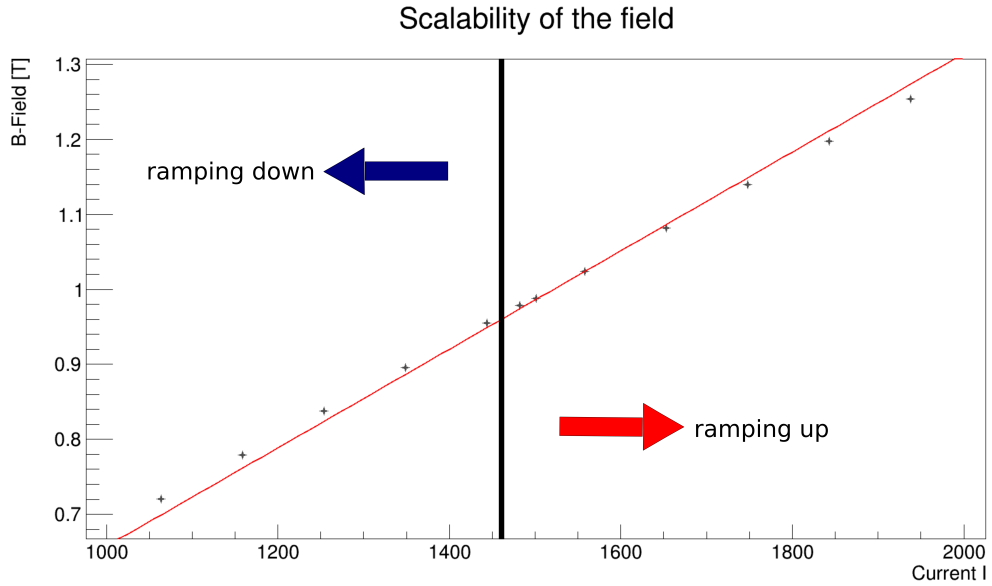


Figure 4: "Current vs B-Field, setting I = 1482 for RUN39."

Using as current 1482 for RUN 39 we get from the linear fit going through (0,0) as slope  $k = 0.000657193$  (with  $B = k \cdot I$ ). Plotting  $k = B_{\text{rho}}/(\text{rho} \cdot \text{current})$  we get the proportional factor  $k$  for each RUN: