



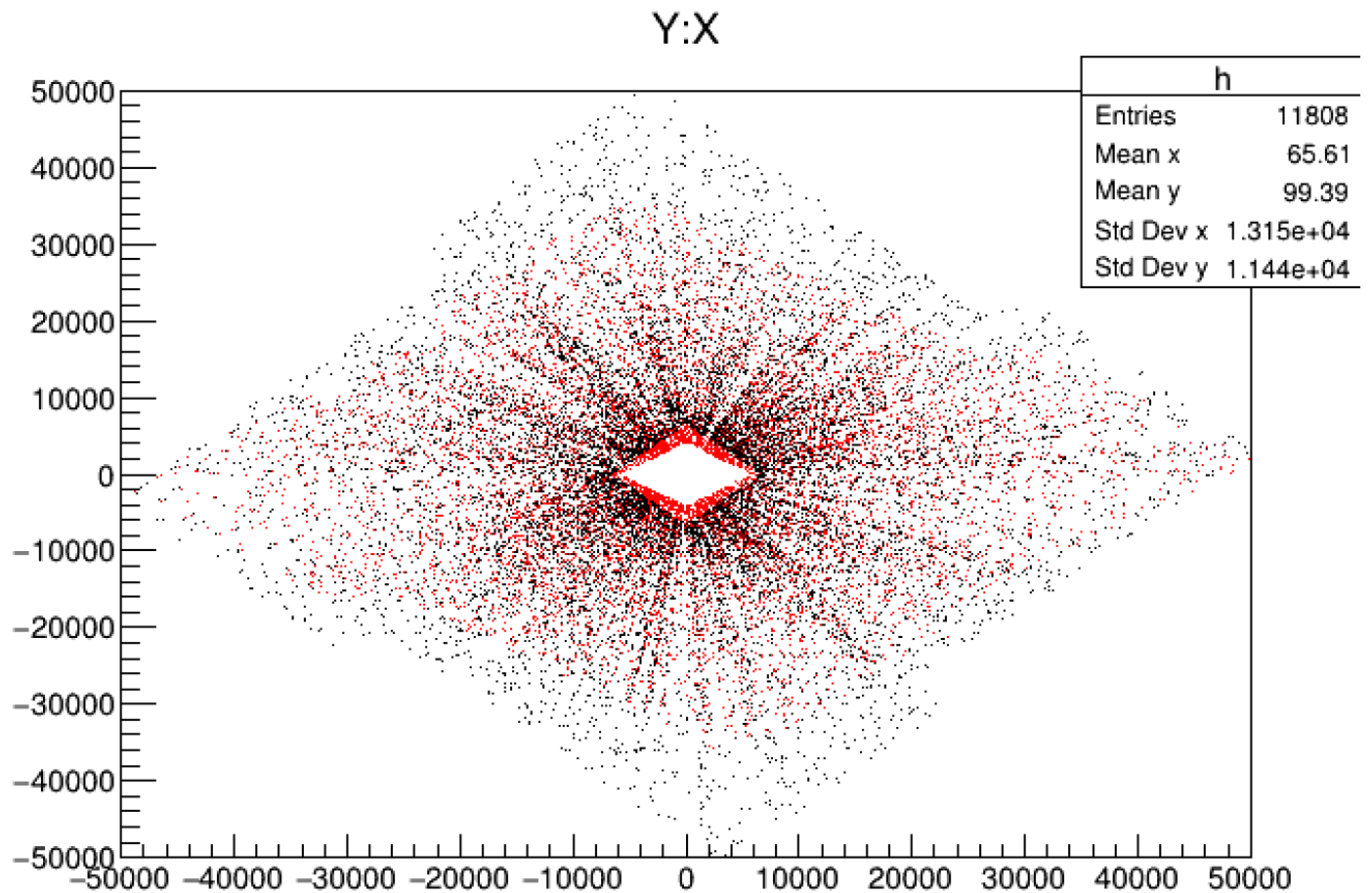
LHCb VeloPixel fast simulation

Serena Maccolini, Angelo Carbone, Tommaso Fulghesu
TIMESPOT meeting - WP4

15 April 2021

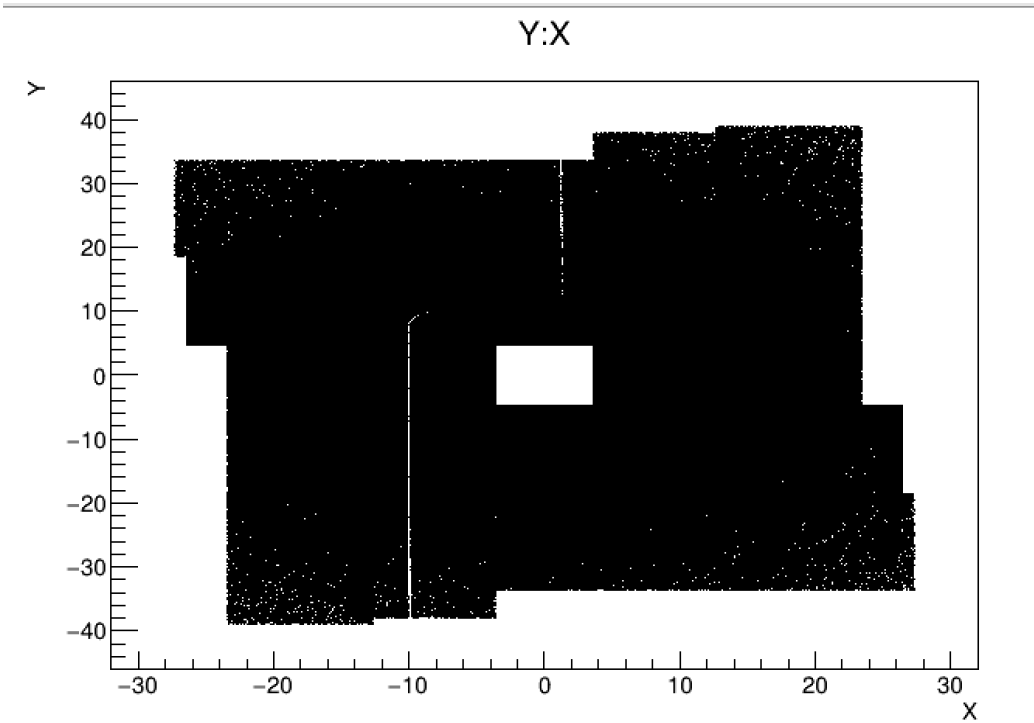
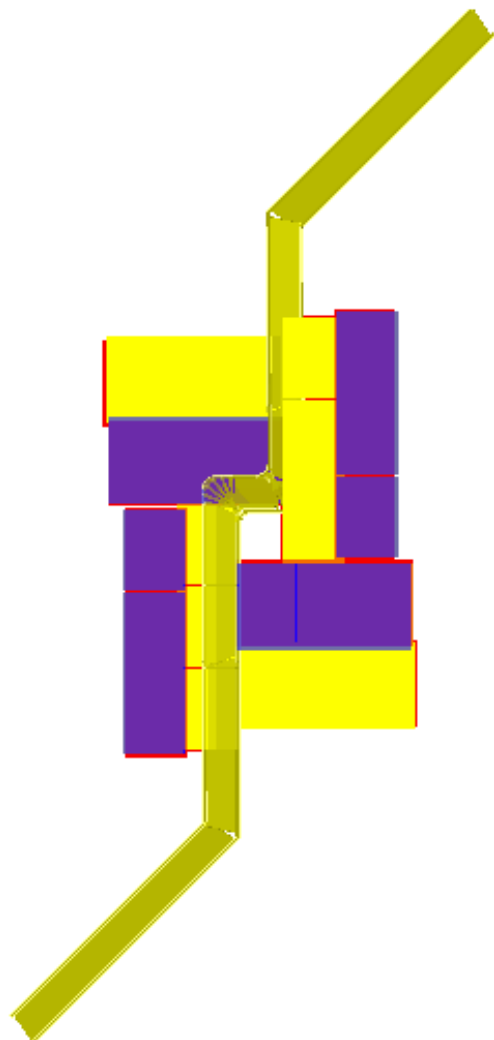
Y vs X MChit distribution

- Red = 45° in ZY
Black = 0° in ZY



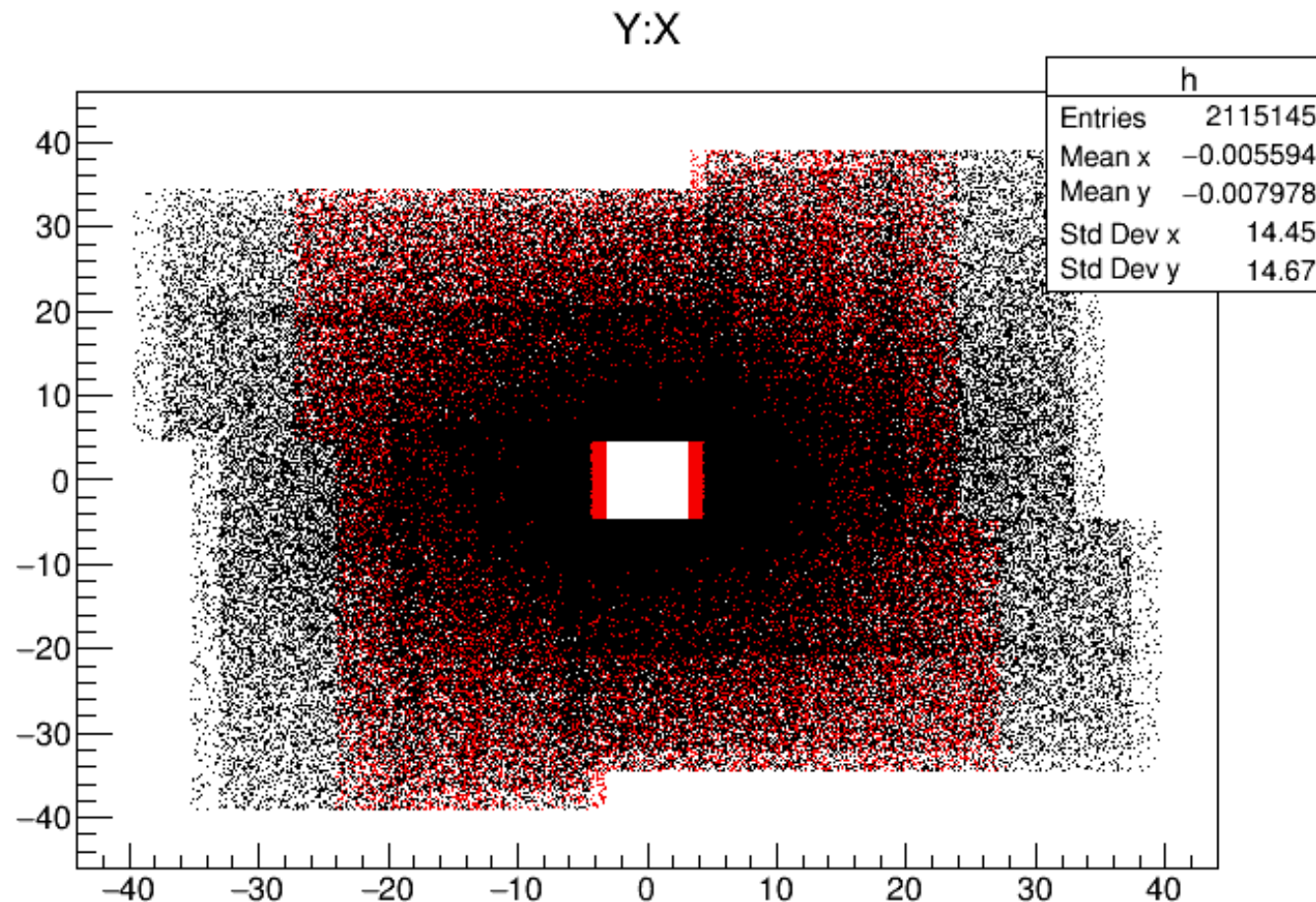
- `/eos/lhcb/user/b/bsiddi/TimespotSims/Events"+str(ZYtheta)+
+"DegreeNominalFull_MT_AllEvent_withPrimary.json`

Rivelatore “dritto”



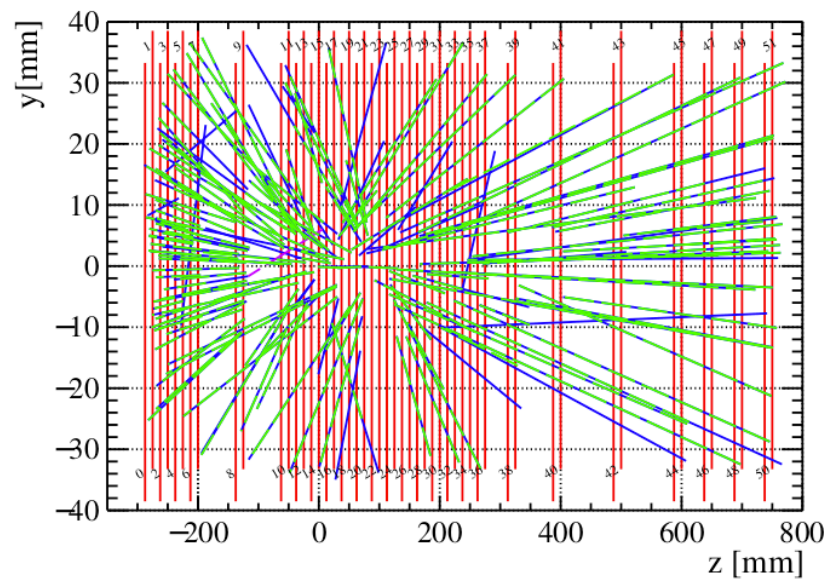
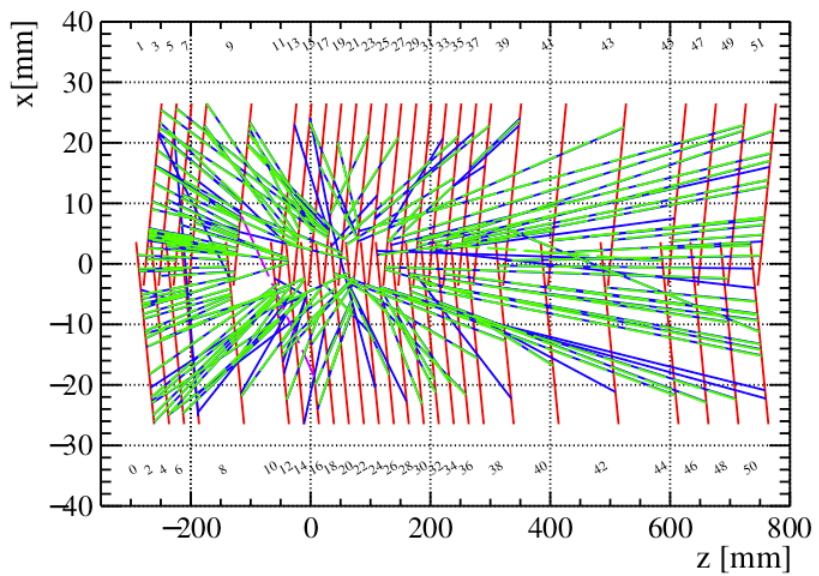
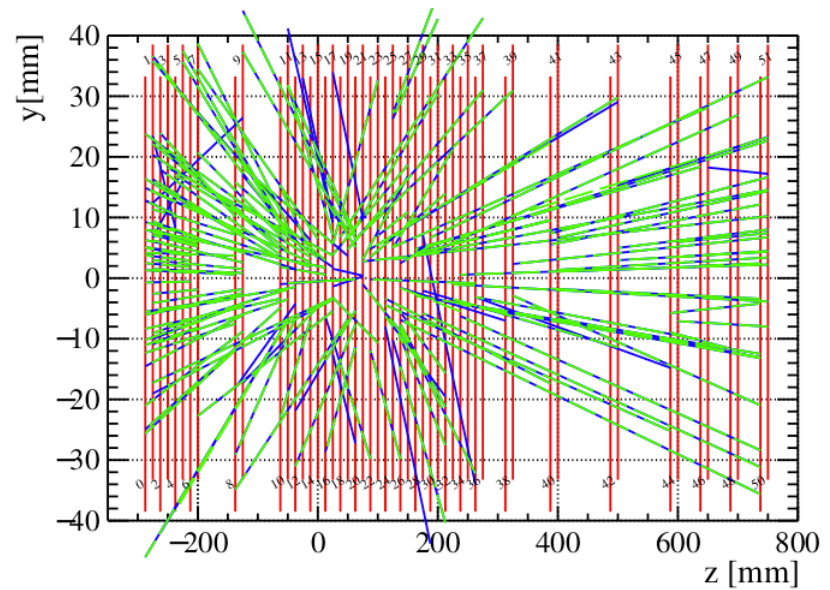
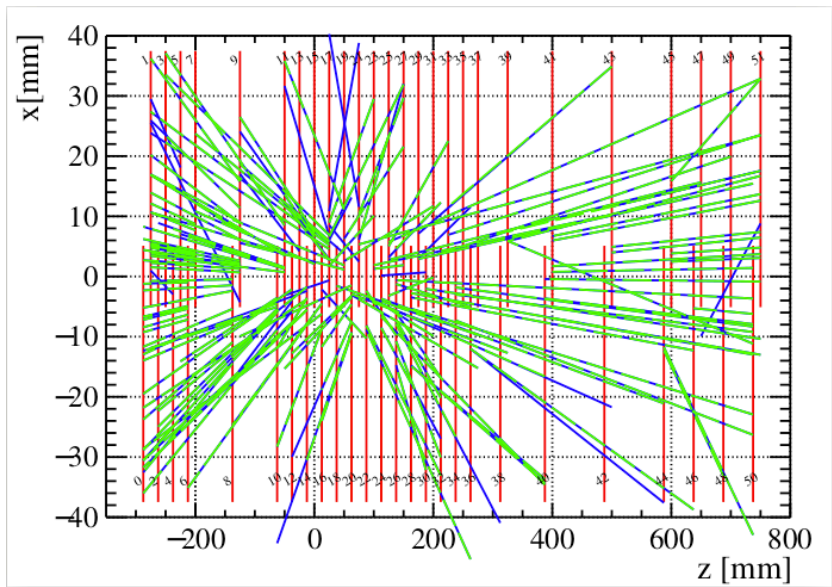
RFfoil to fix!

- Tilted (red) vs baseline (black)

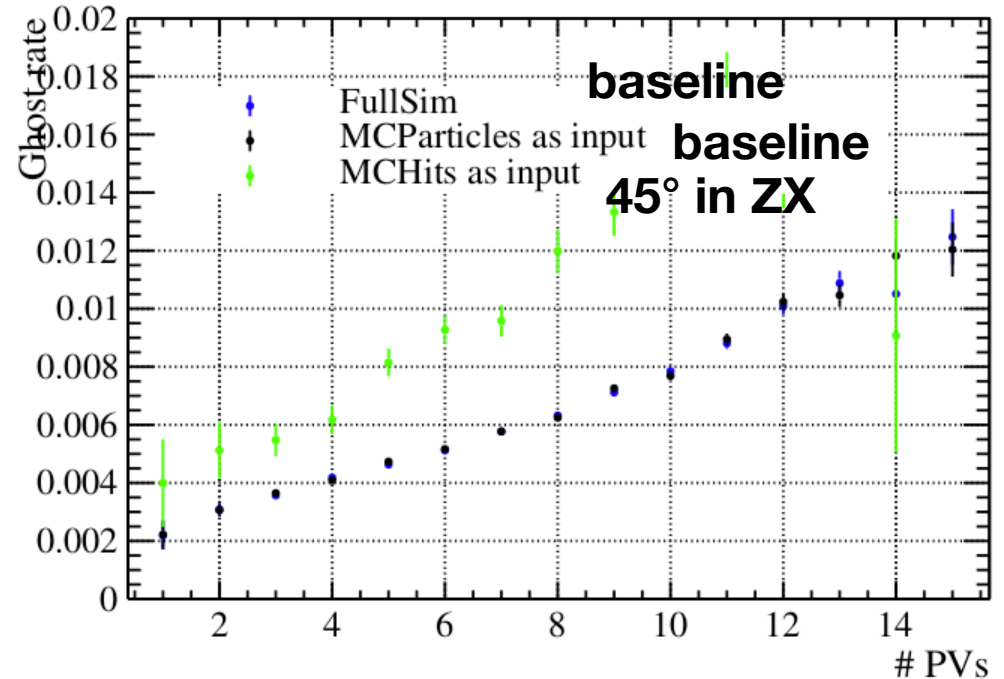
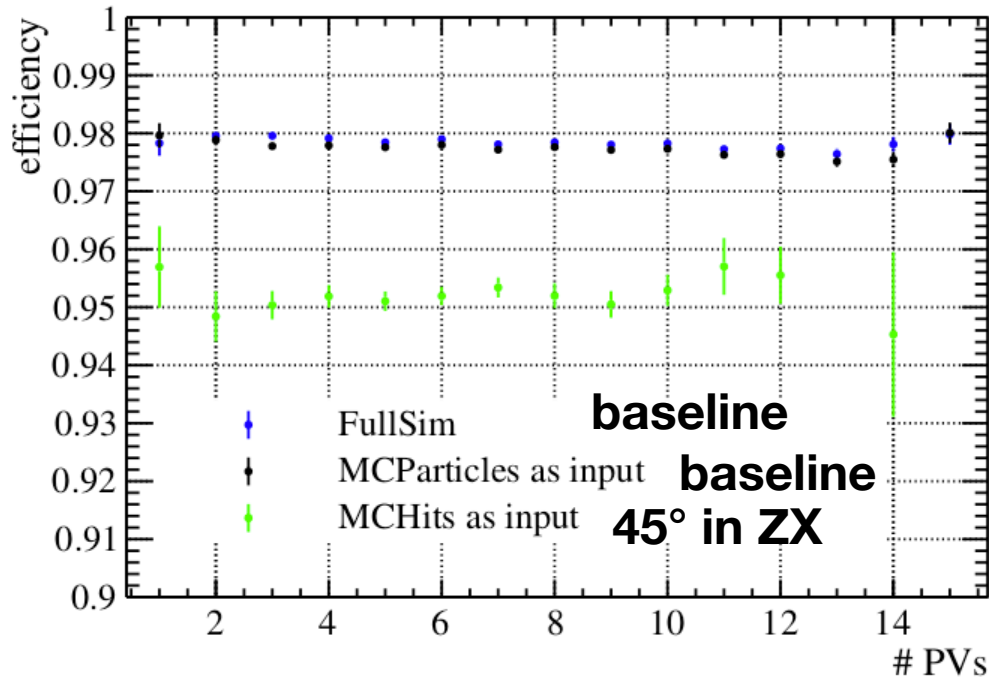


- Waiting for correct input for the axis (X,Z) of rotation

0° in ZY and 45° in XY (baseline) VS 45° in ZX and 0° in XY (test)



Performances



- Worse than expected, maybe a bug, maybe it's correct. (plot di ieri)