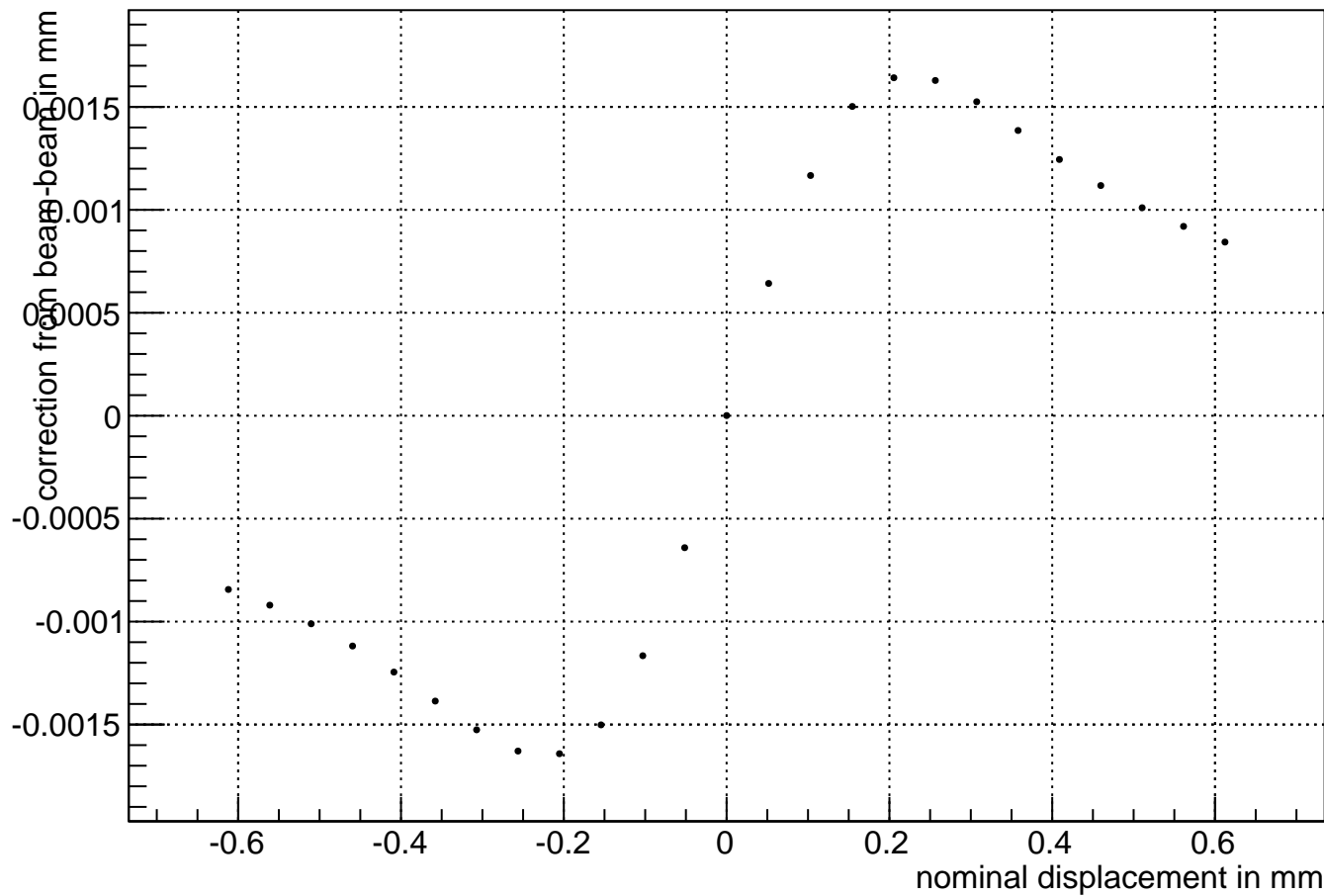
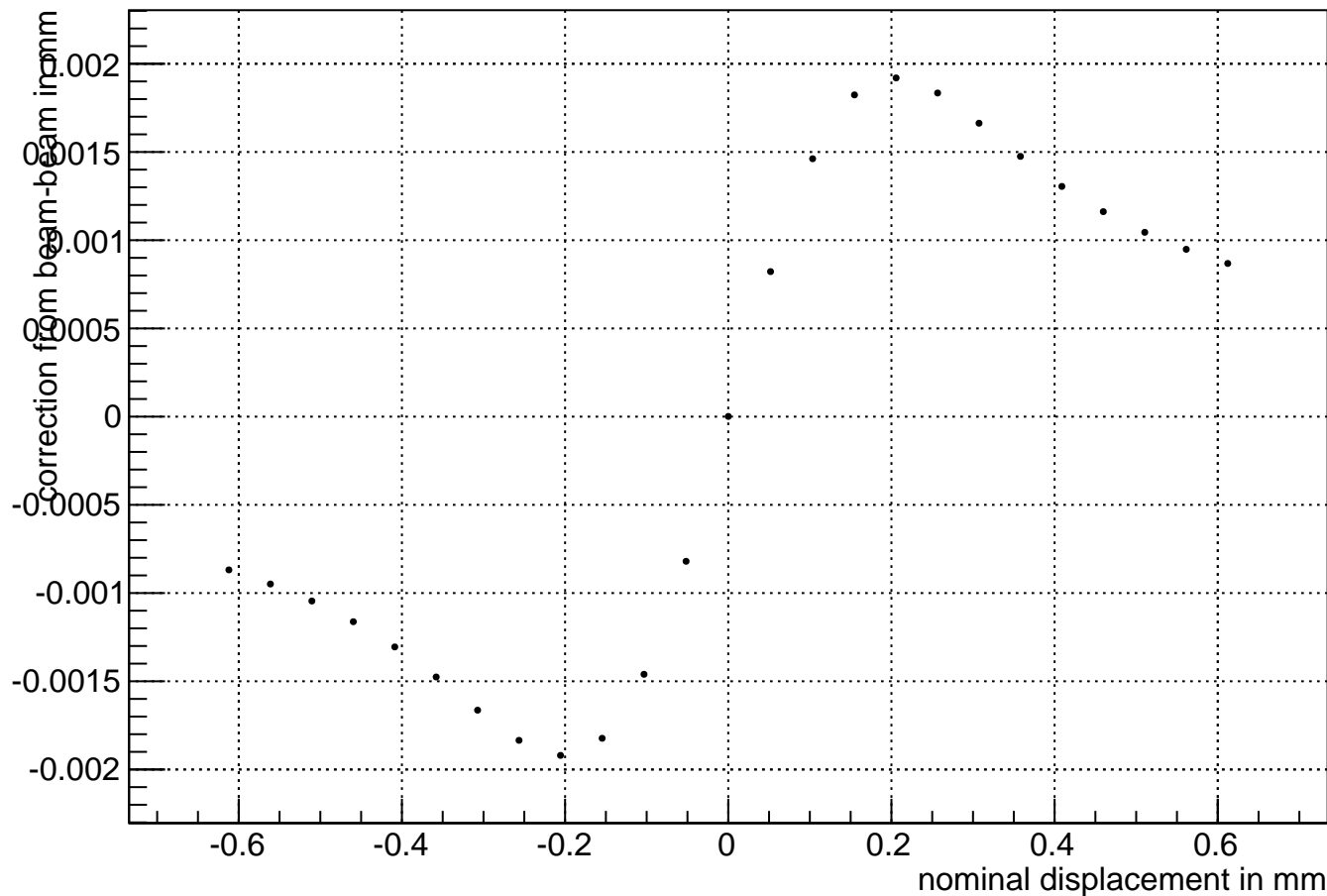


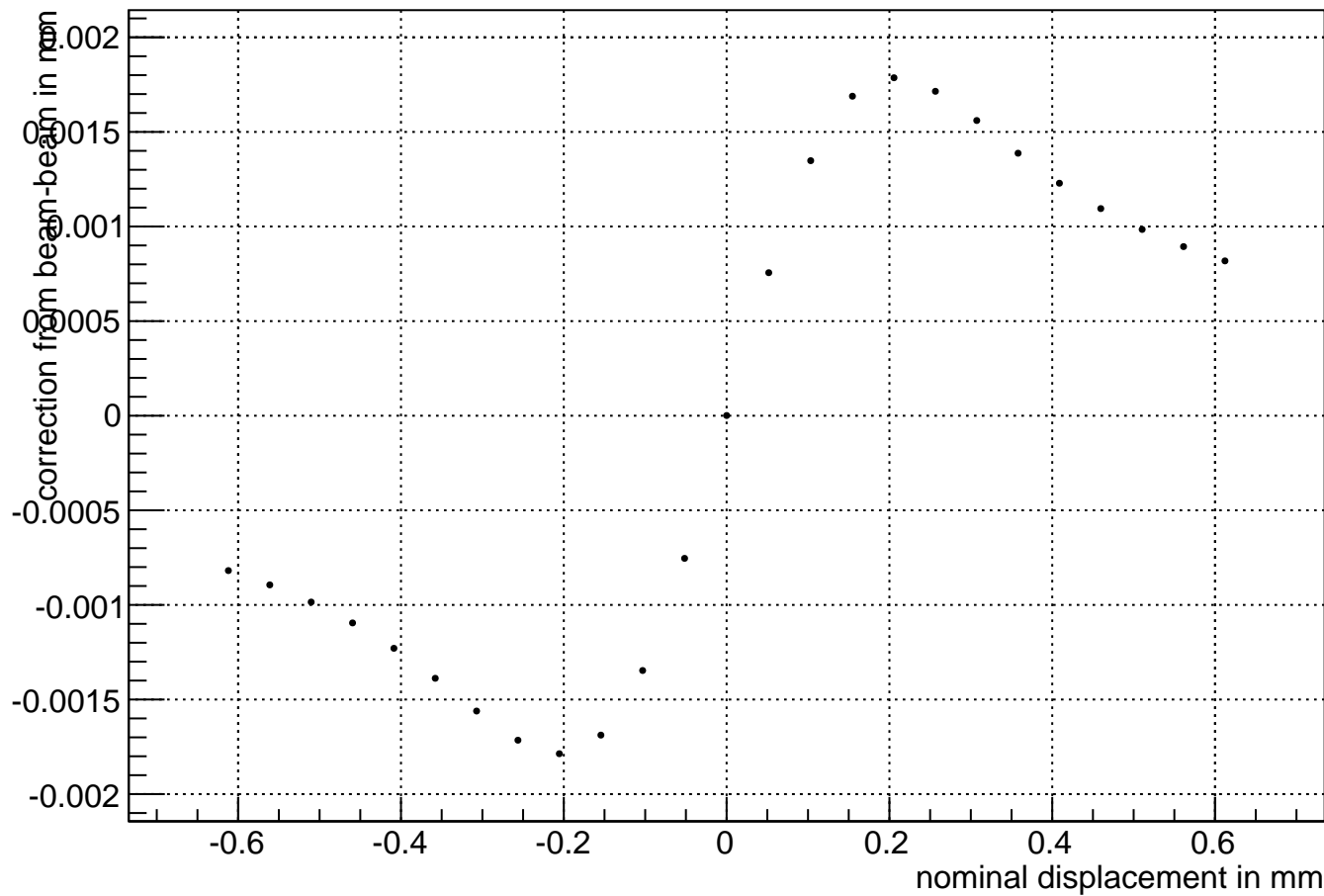
# BeamBeam correction for X1\_1



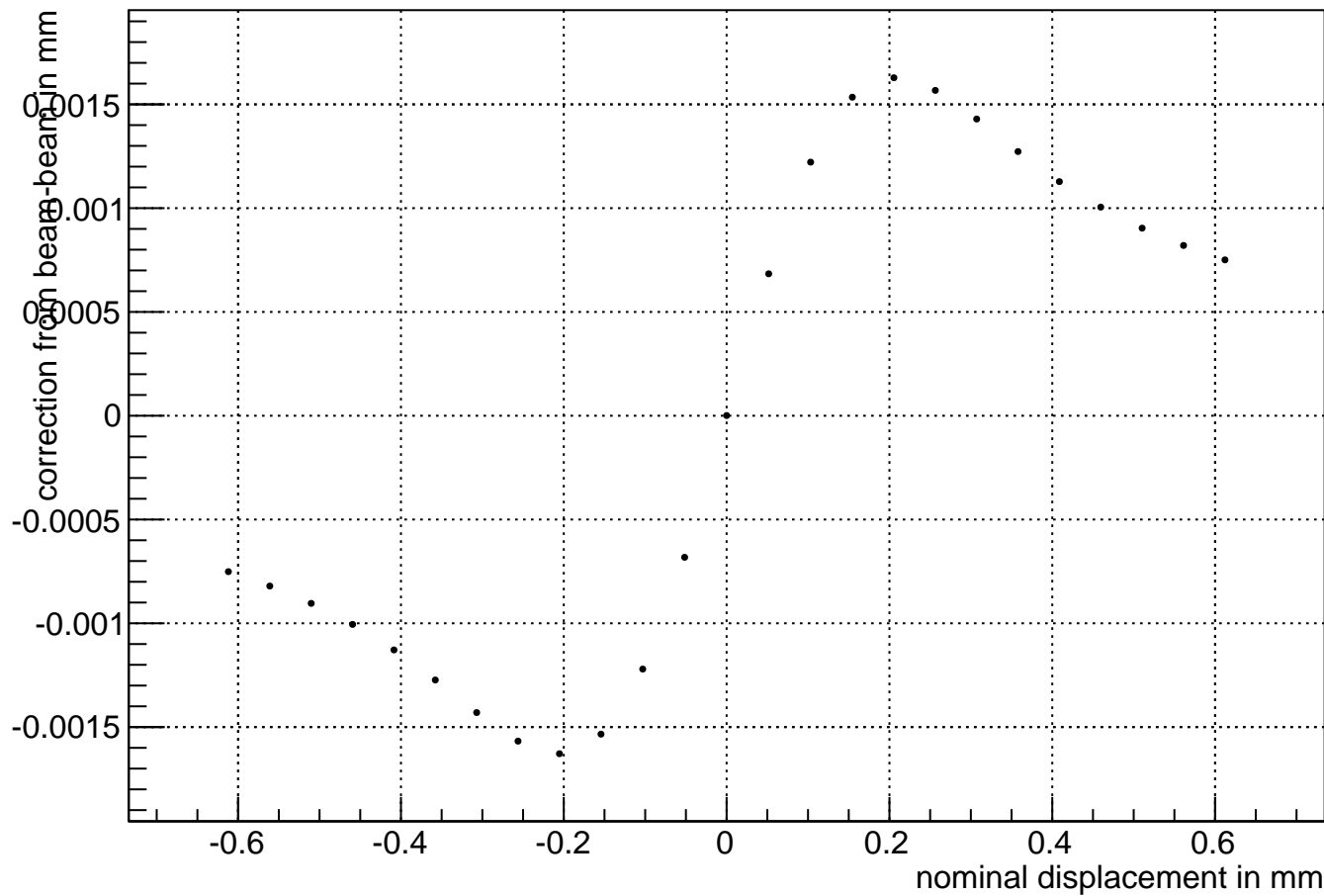
# BeamBeam correction for X1\_51



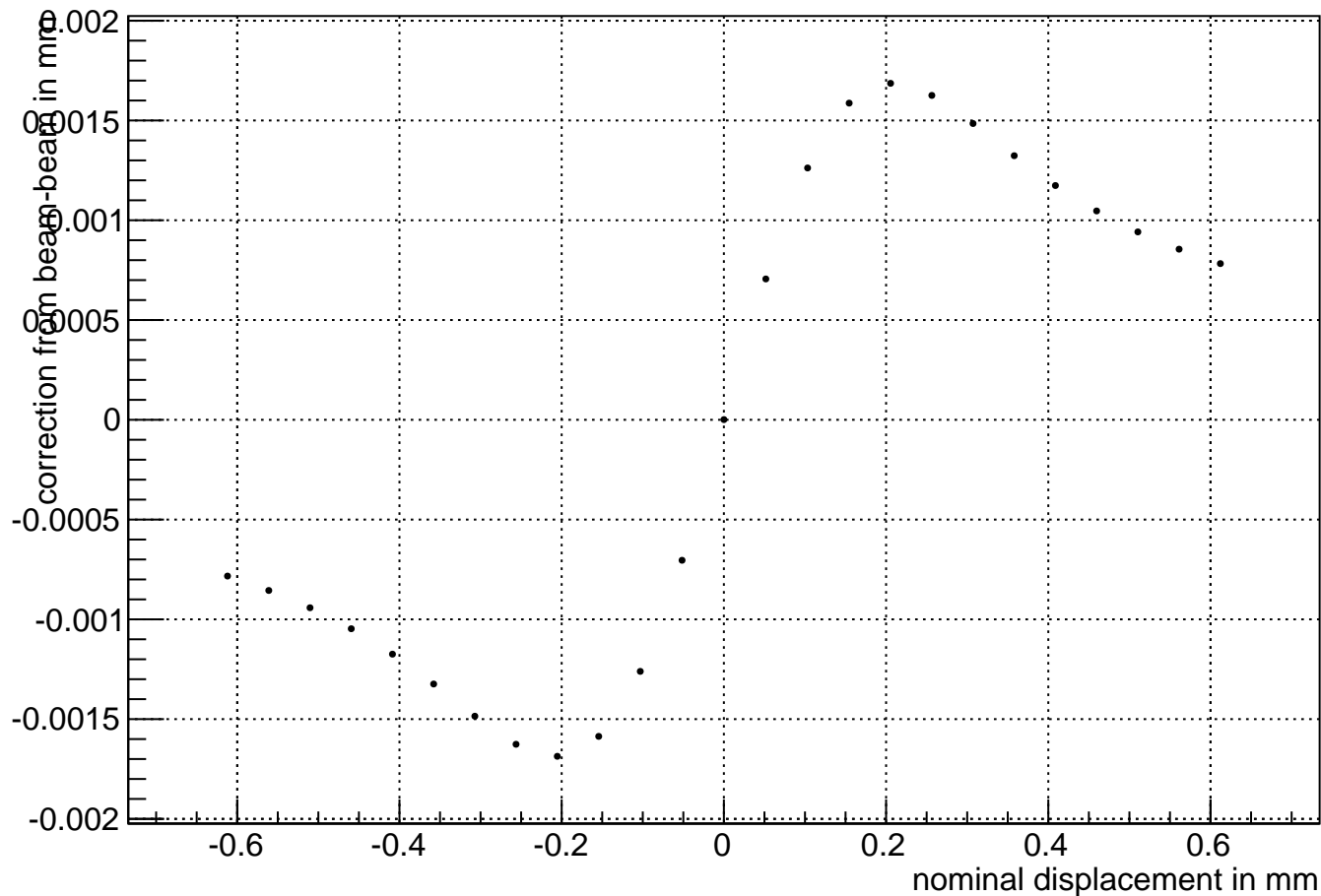
# BeamBeam correction for X1\_91



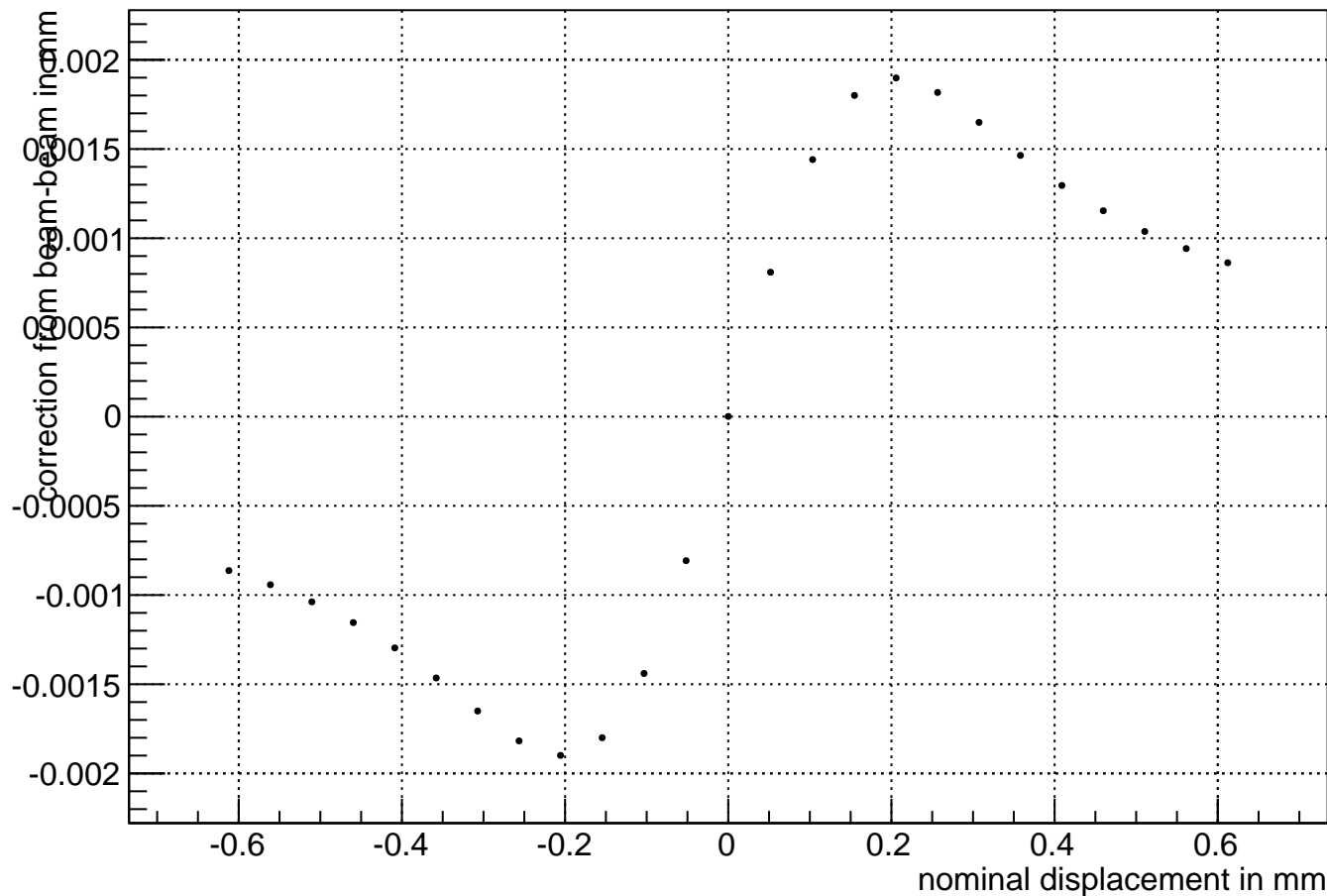
# BeamBeam correction for X1\_131



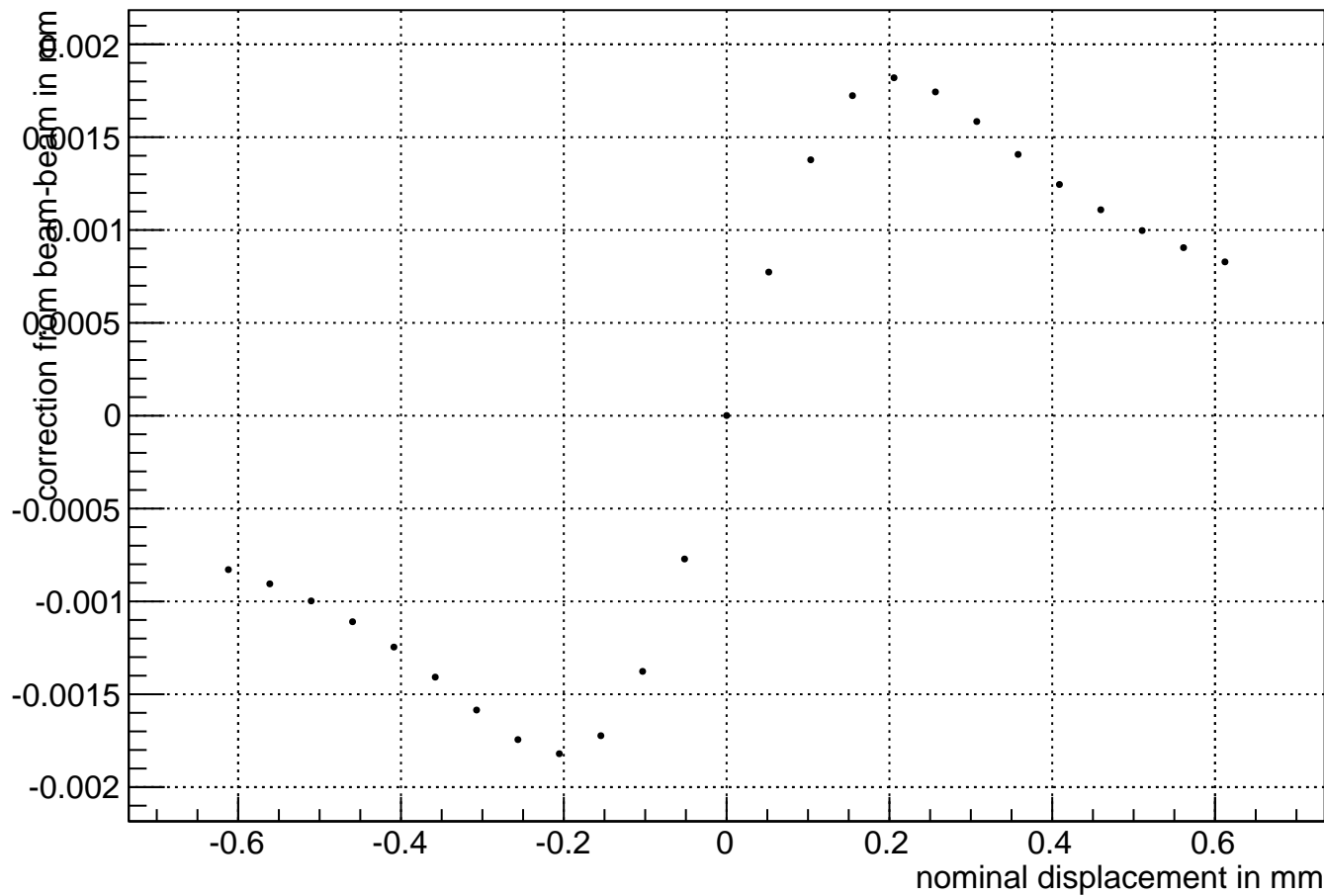
# BeamBeam correction for X1\_171



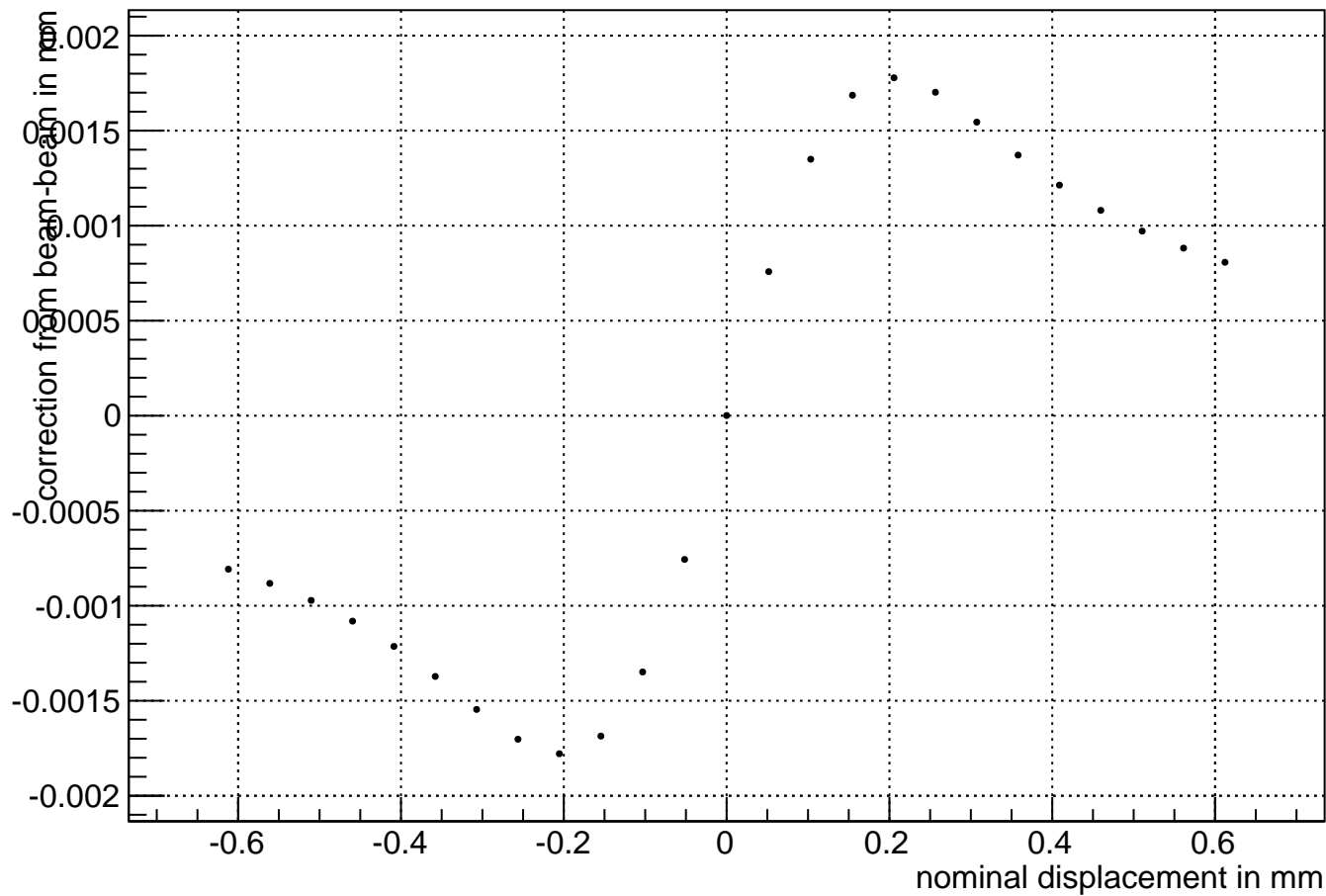
# BeamBeam correction for X1\_211



# BeamBeam correction for X1\_251

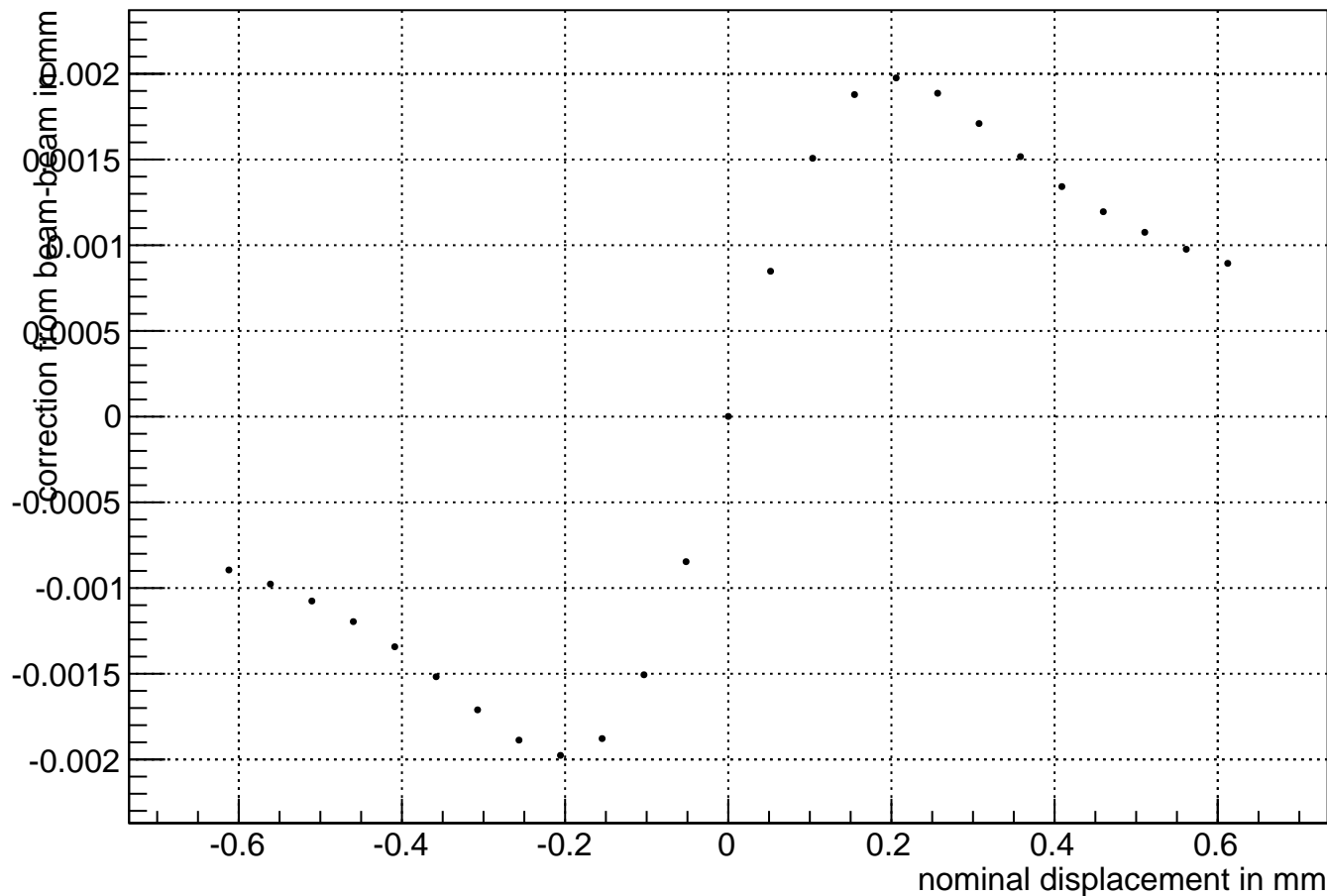


# BeamBeam correction for X1\_291

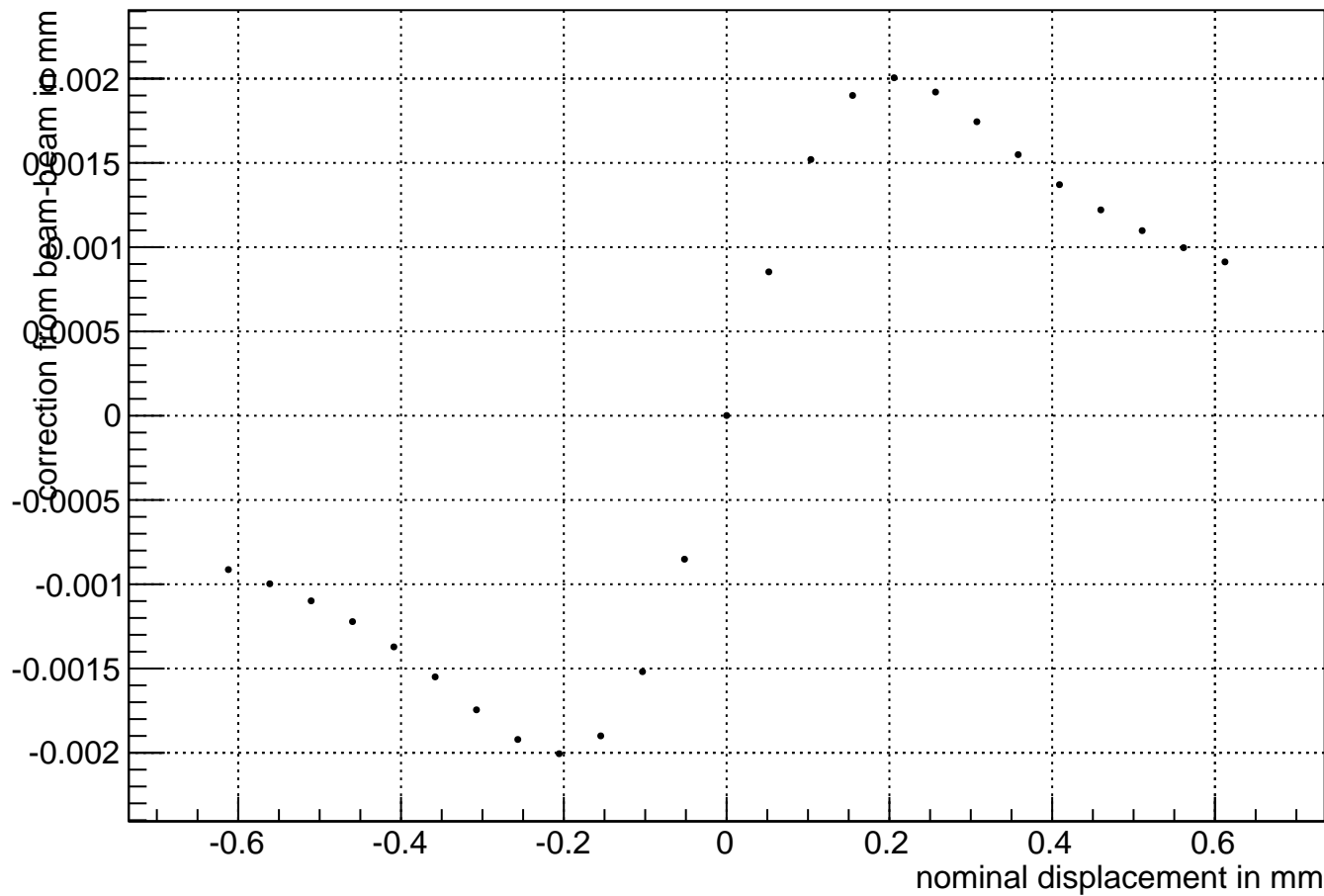




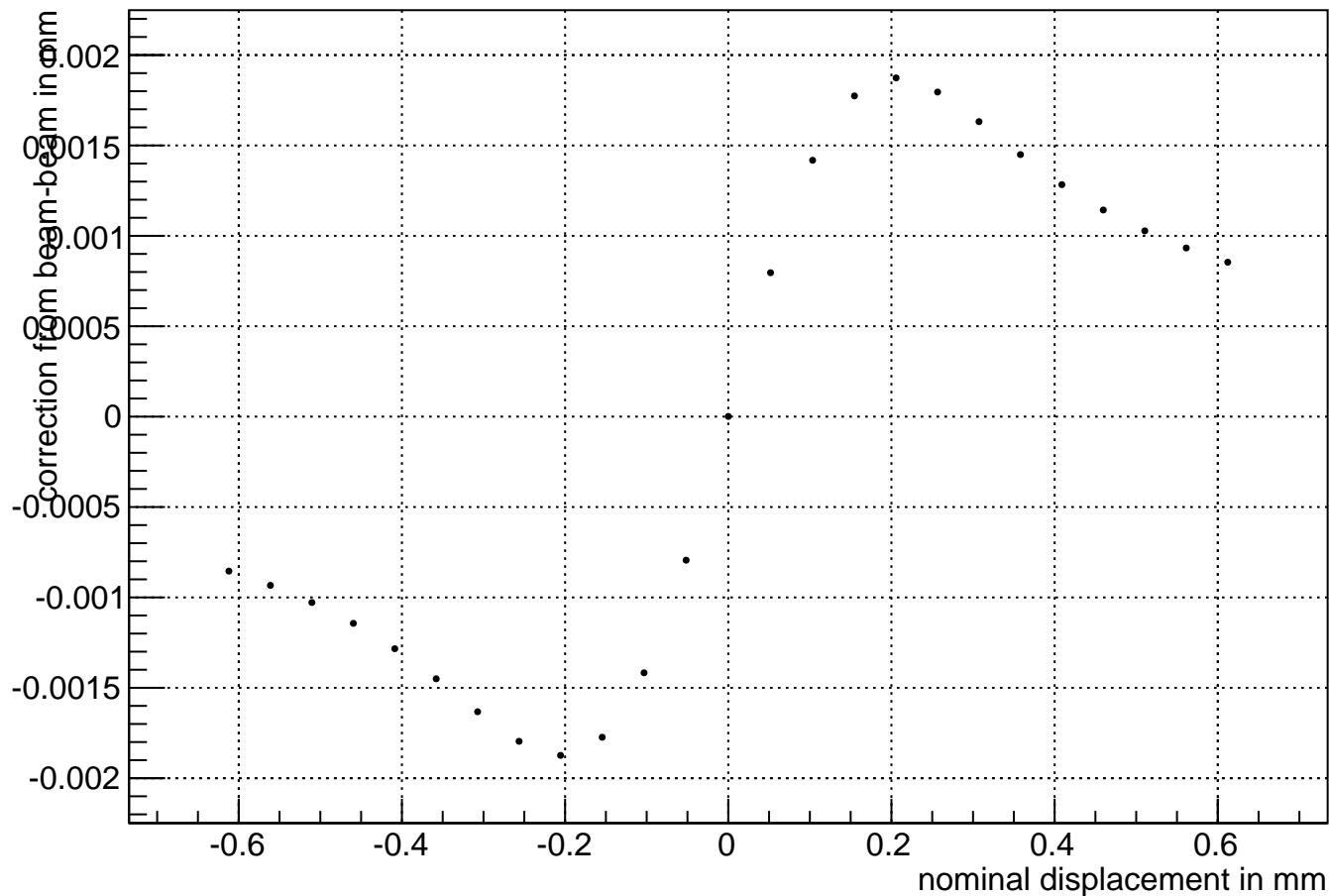
# BeamBeam correction for X1\_771



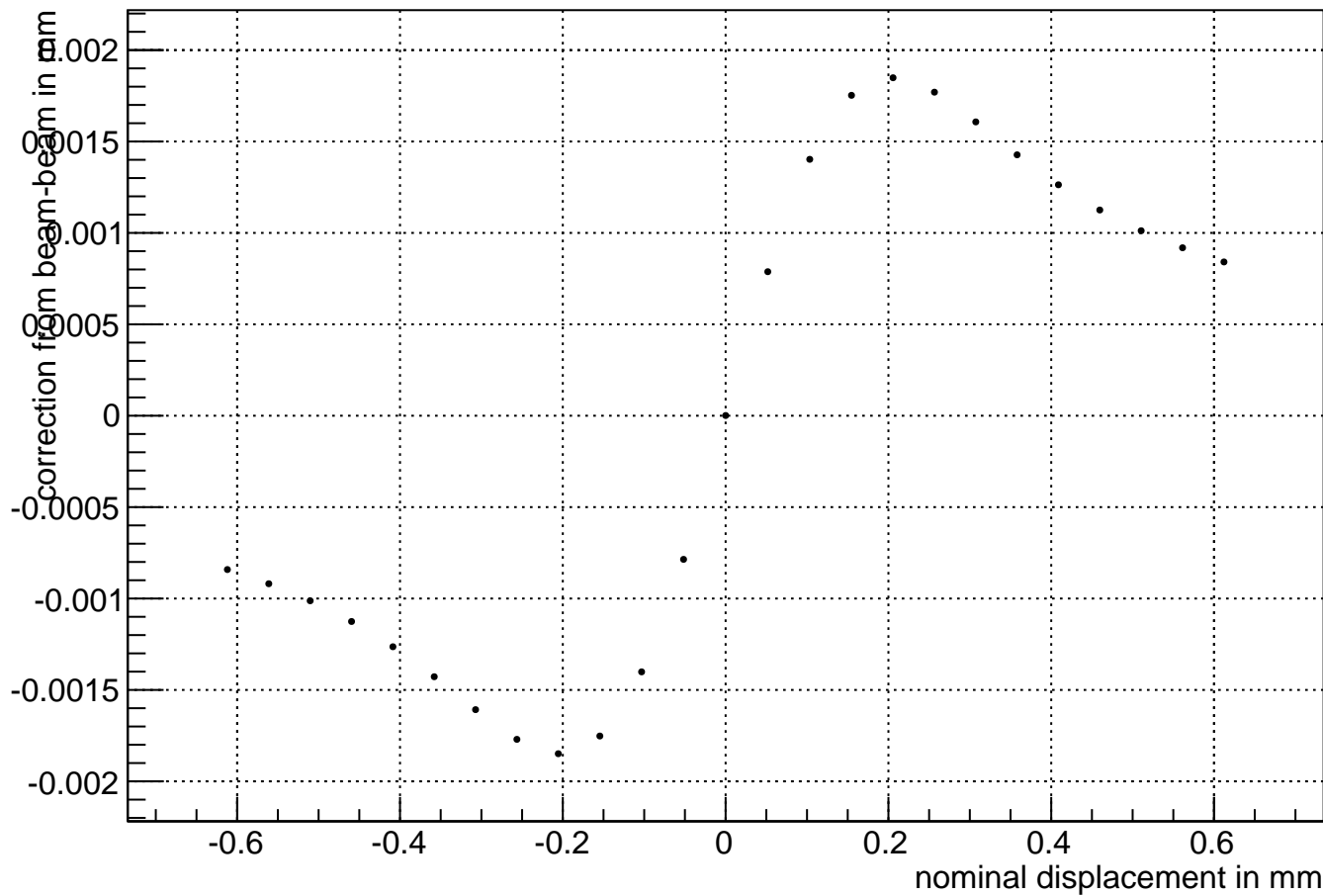
# BeamBeam correction for X1\_811



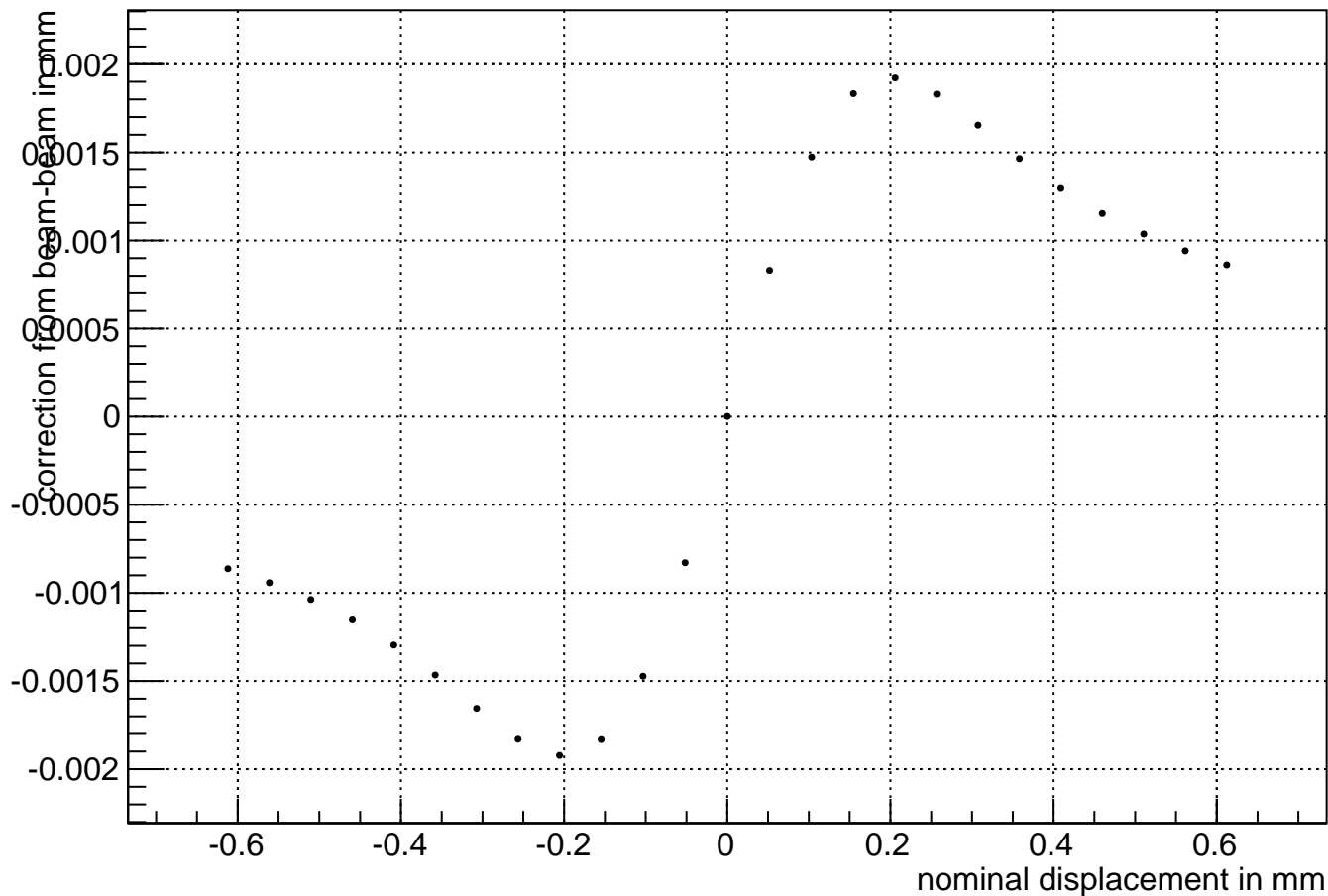
# BeamBeam correction for X1\_851



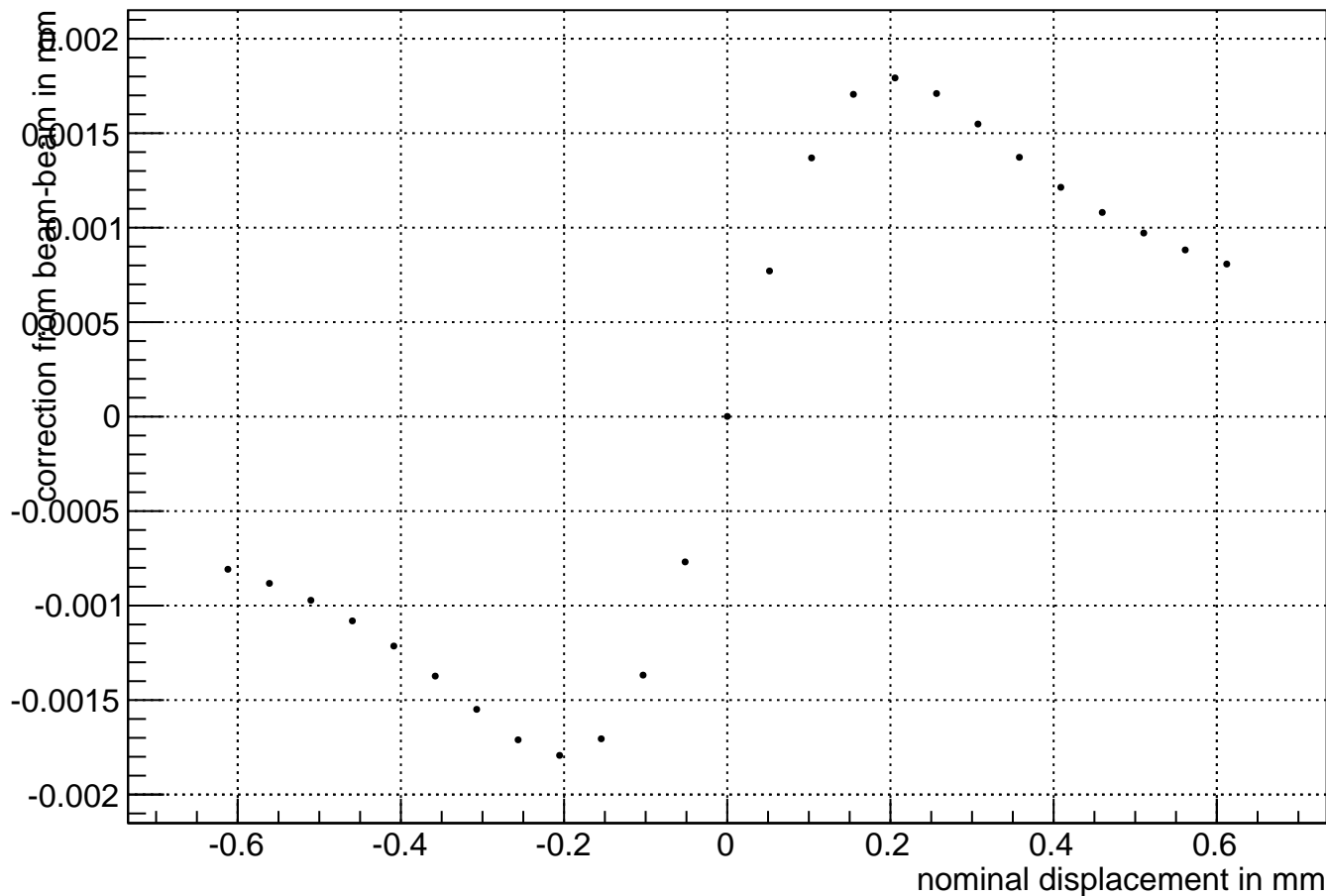
# BeamBeam correction for X1\_891



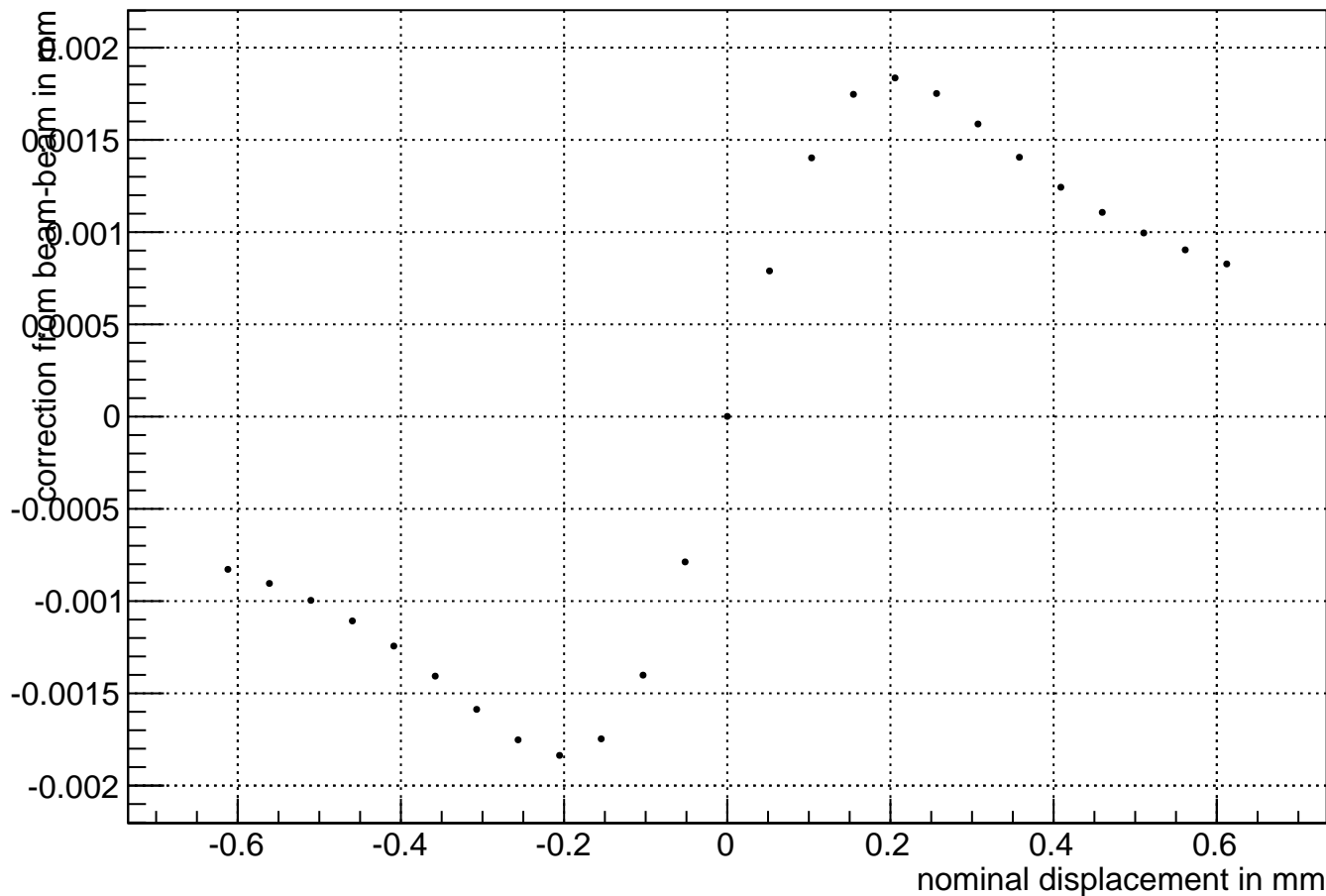
# BeamBeam correction for X1\_931



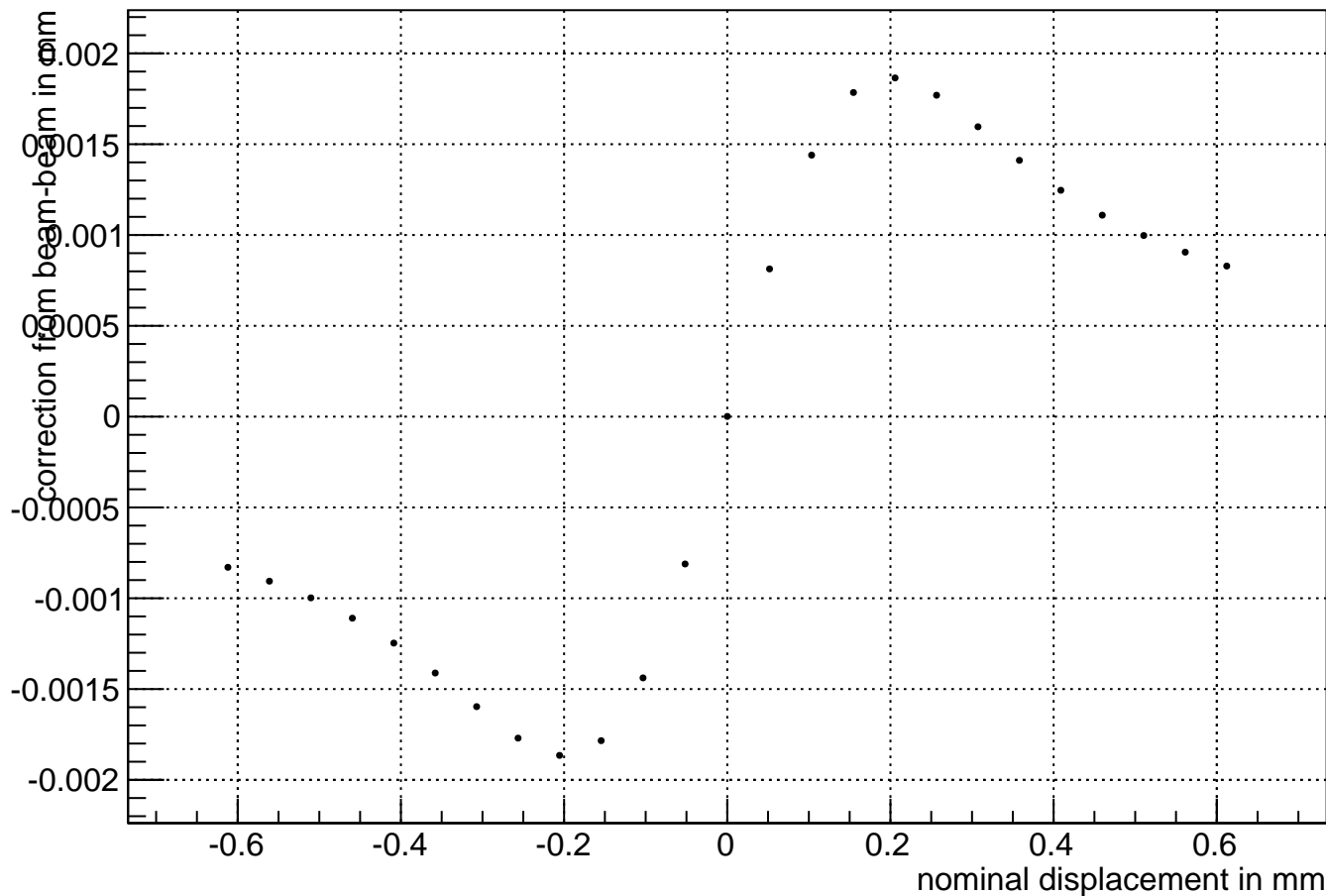
# BeamBeam correction for X1\_971



# BeamBeam correction for X1\_1011

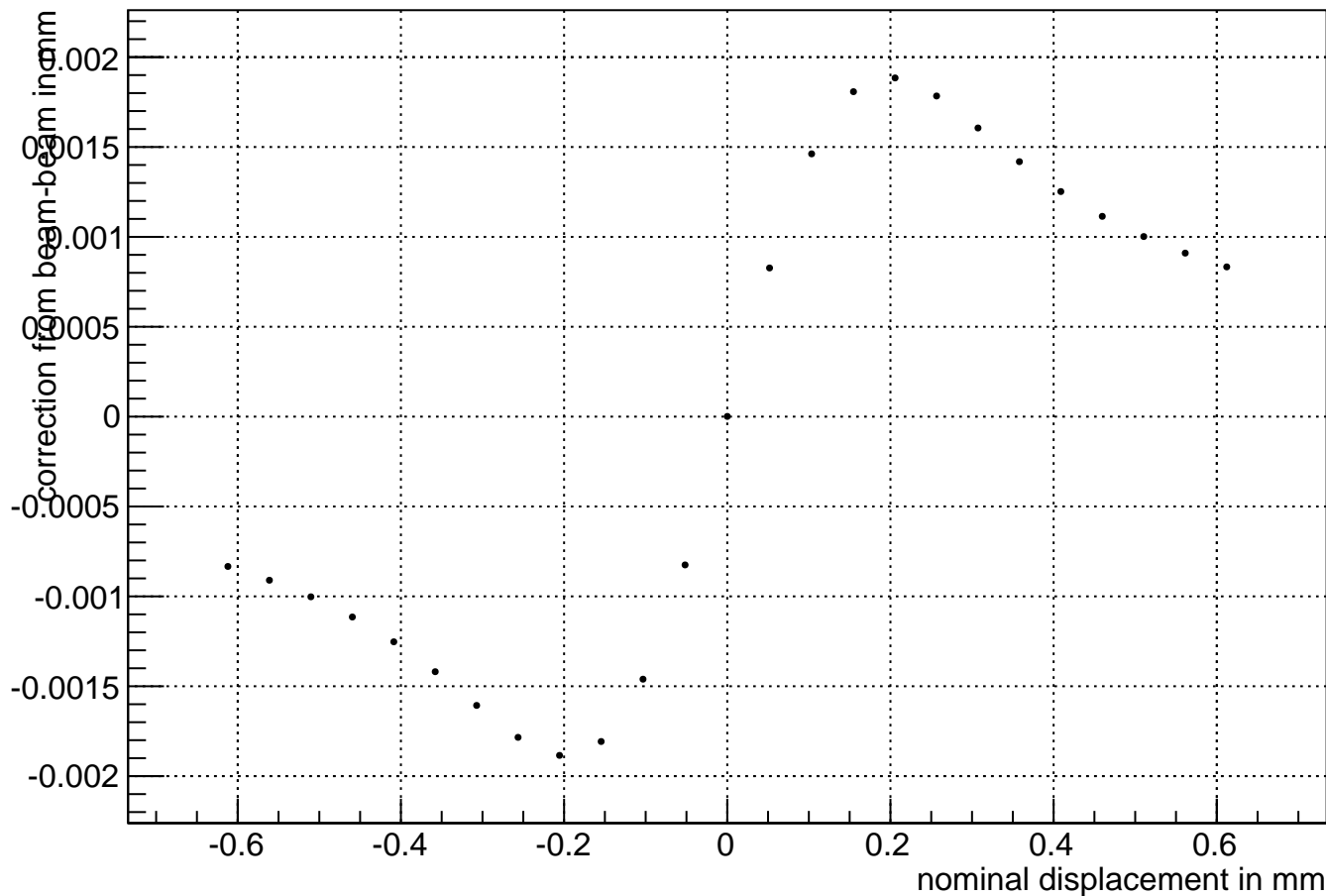


# BeamBeam correction for X1\_1631

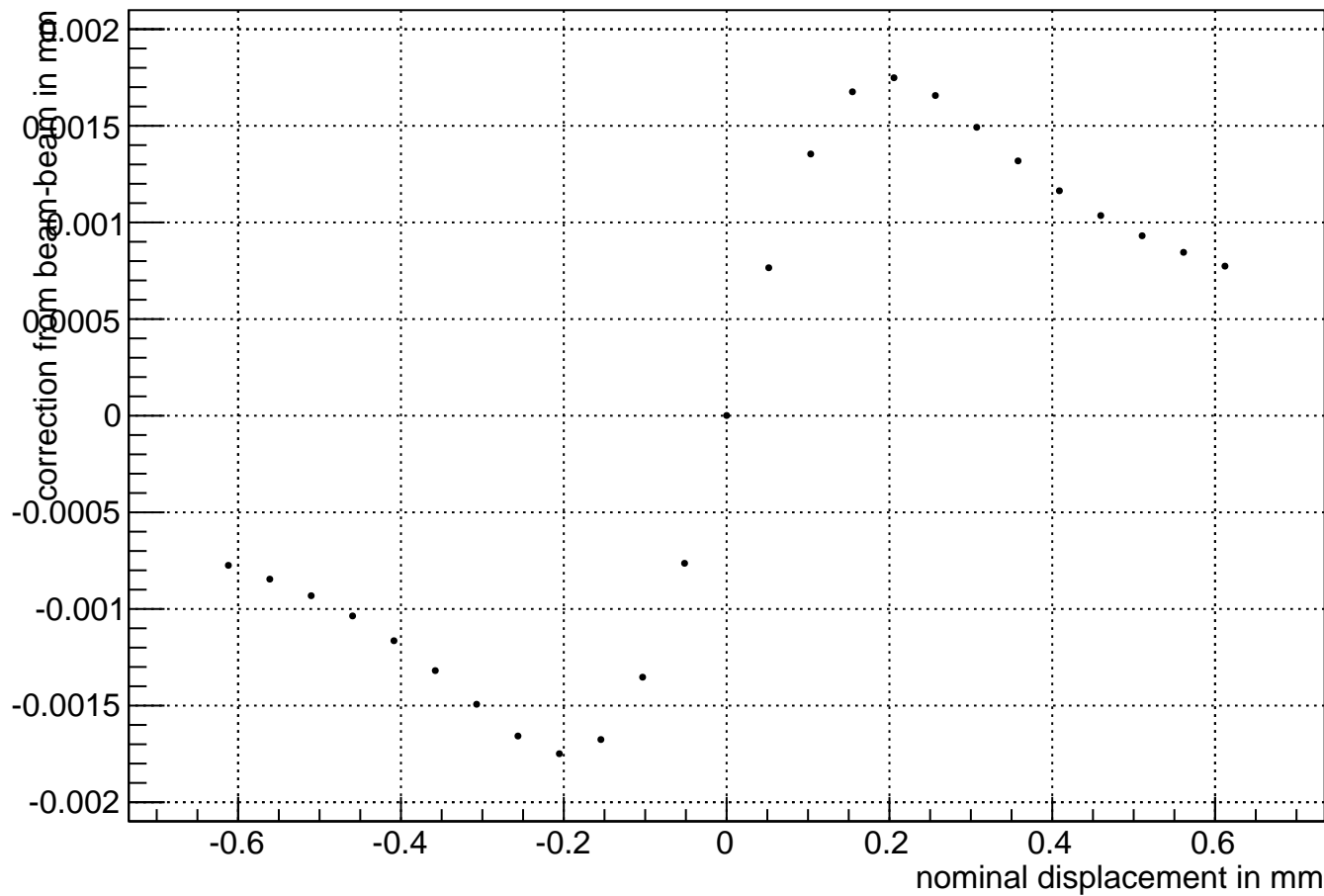




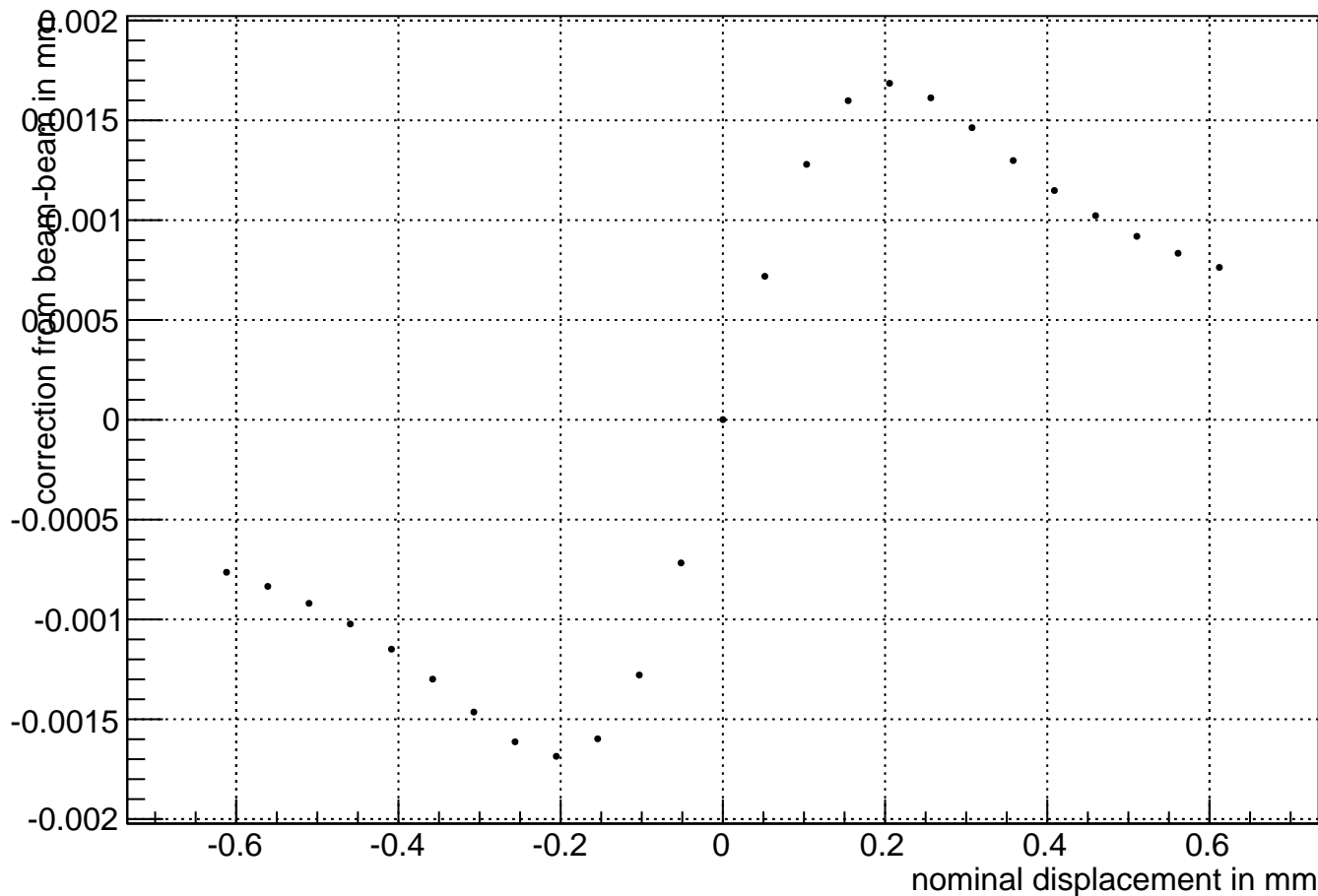
# BeamBeam correction for X1\_1671



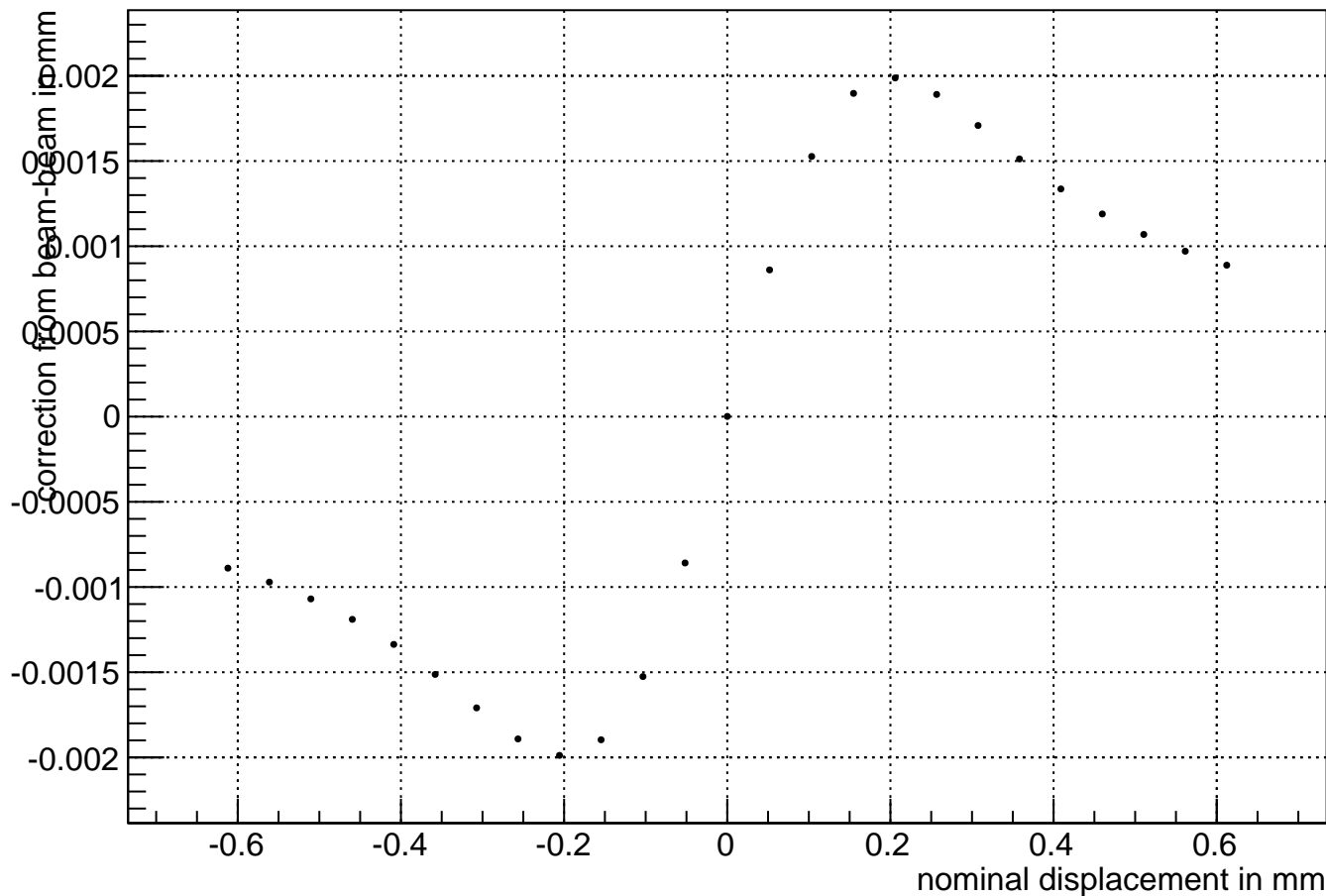
# BeamBeam correction for X1\_1711



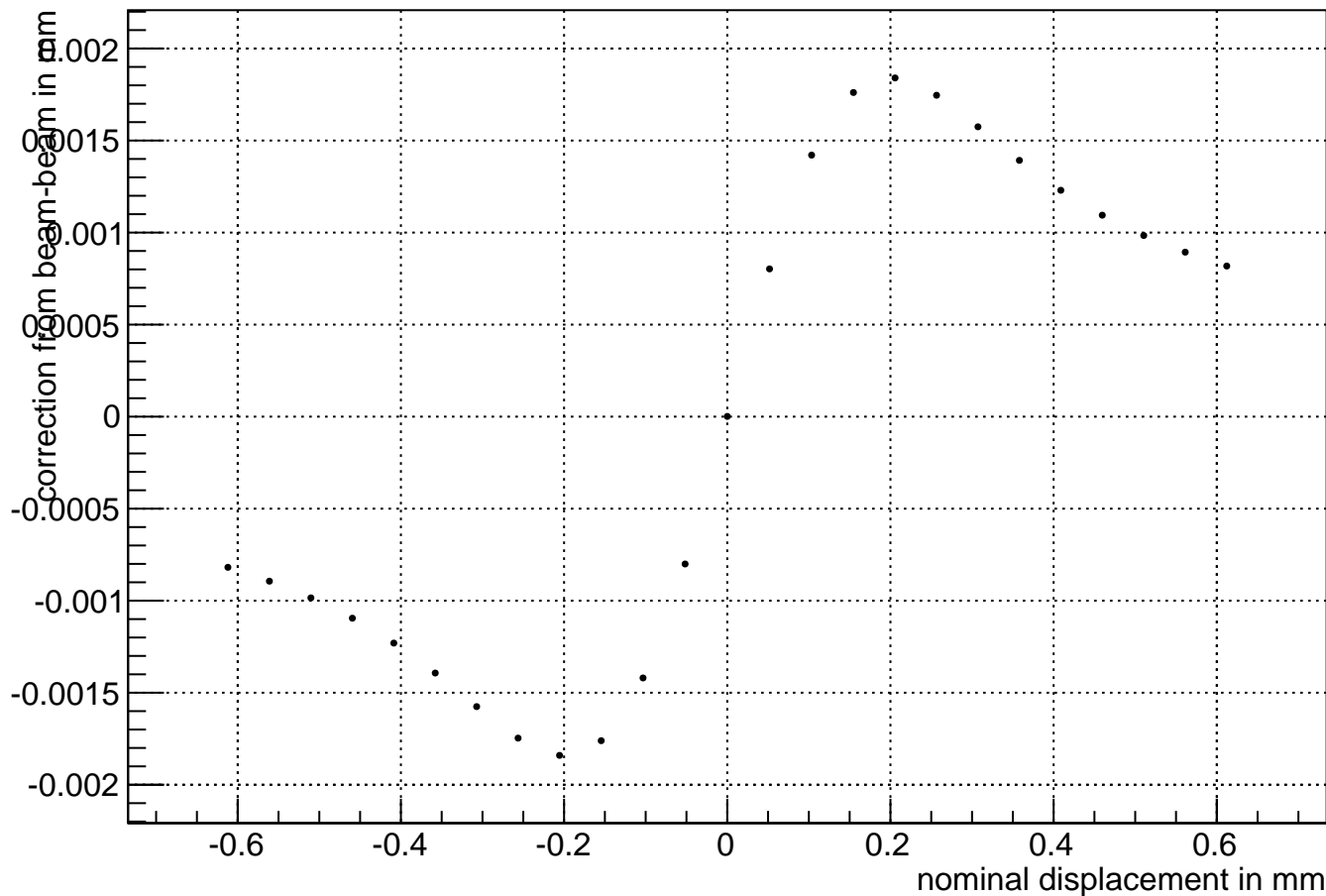
# BeamBeam correction for X1\_1751



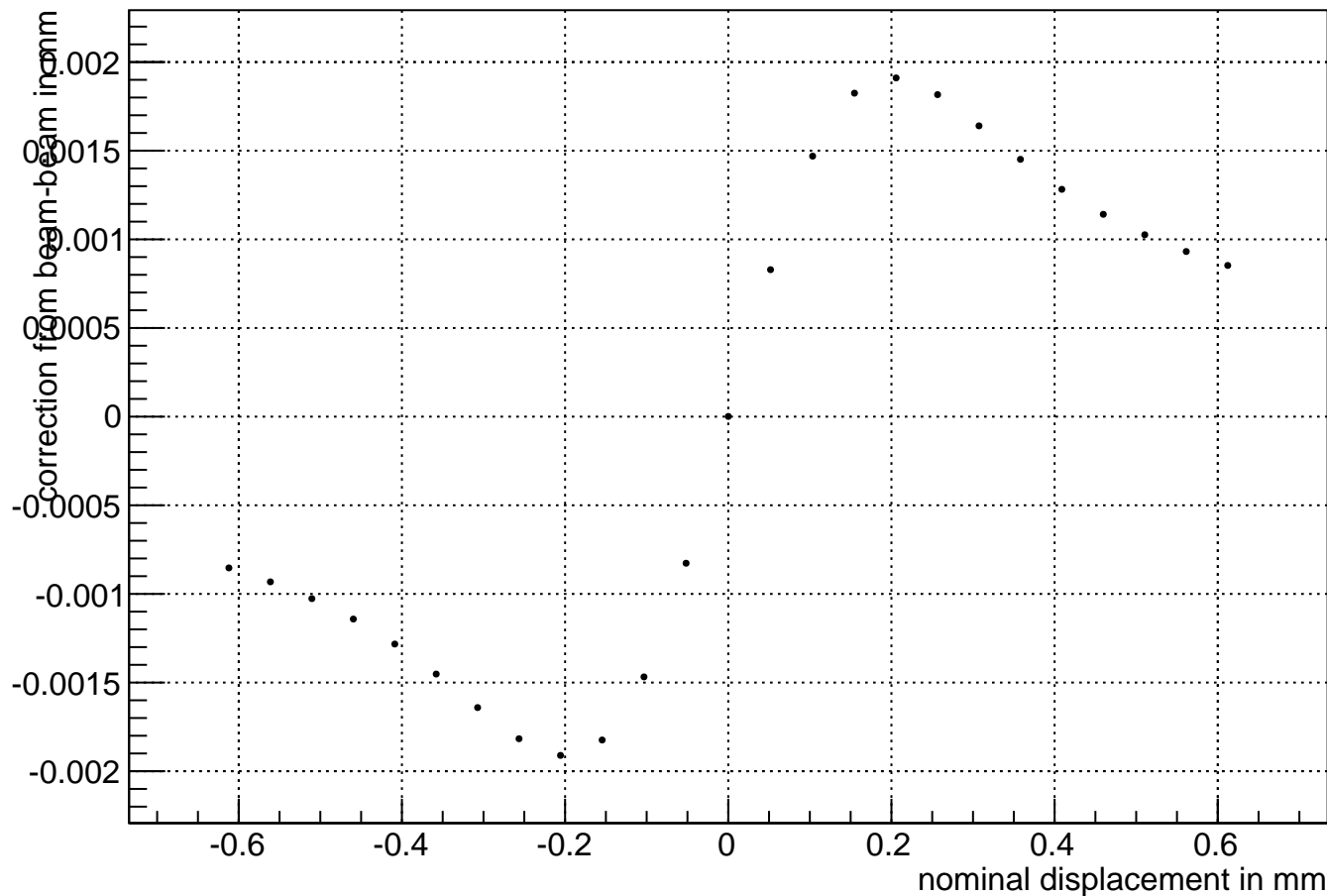
# BeamBeam correction for X1\_1791



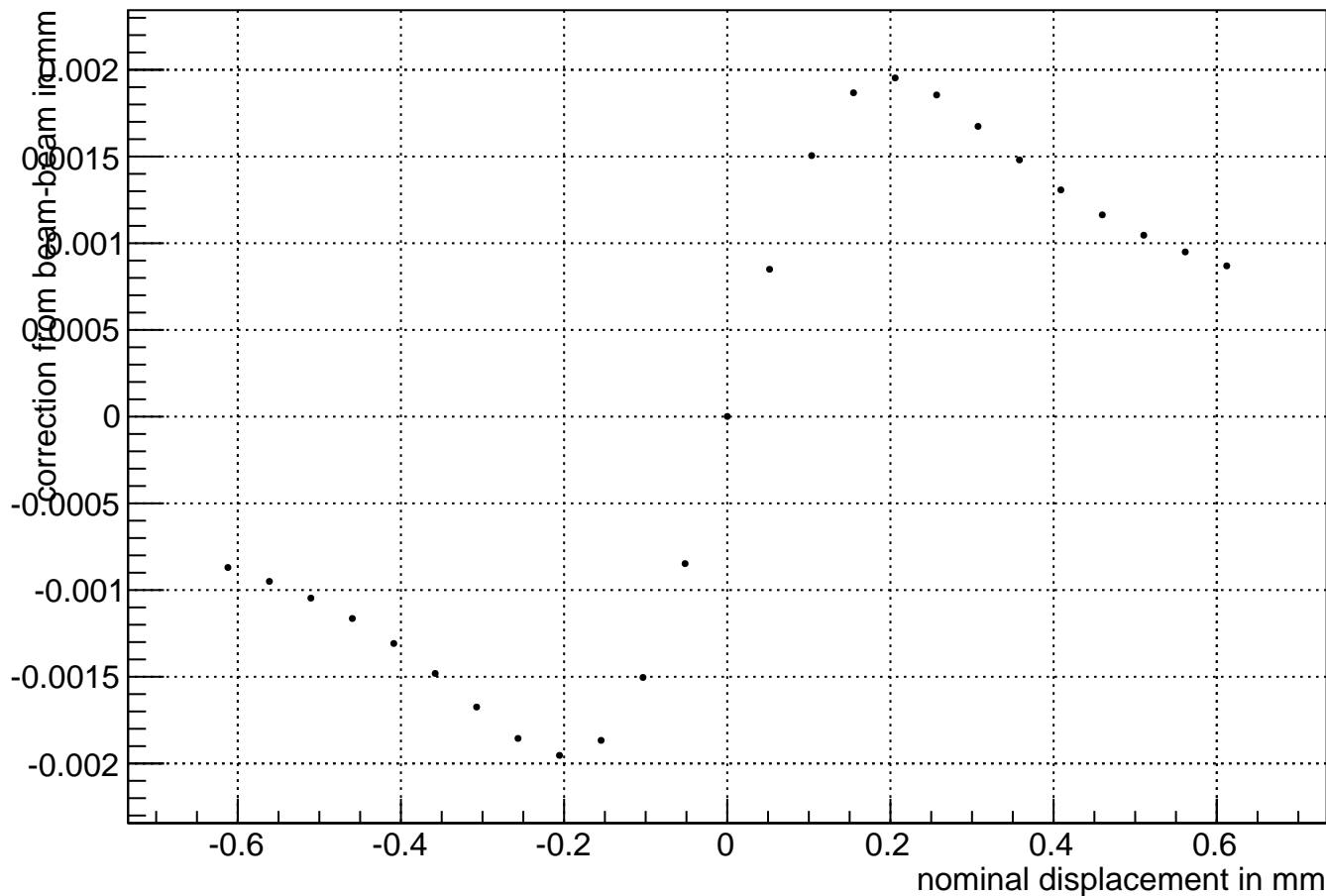
# BeamBeam correction for X1\_1831



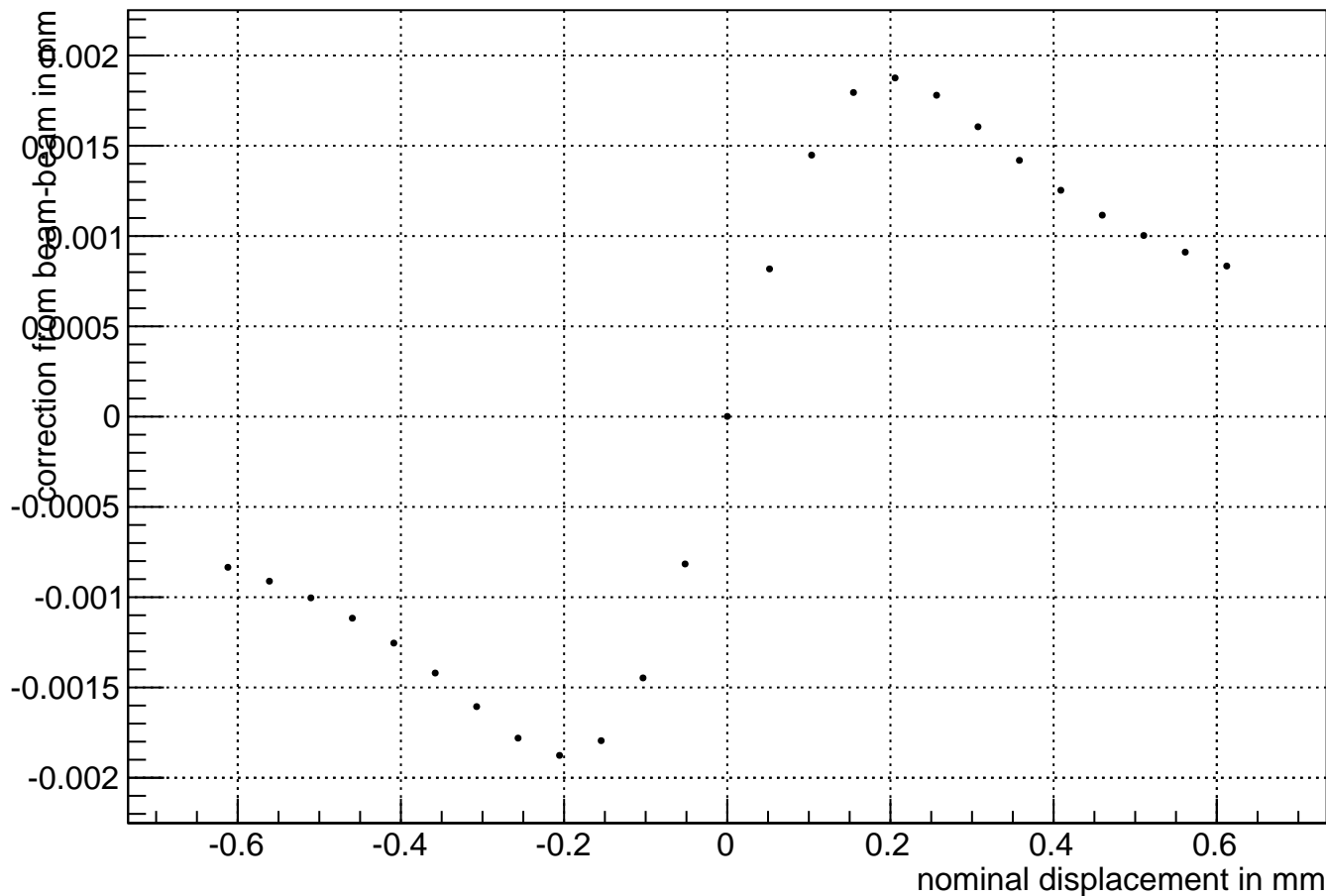
# BeamBeam correction for X1\_1871



# BeamBeam correction for X1\_2211

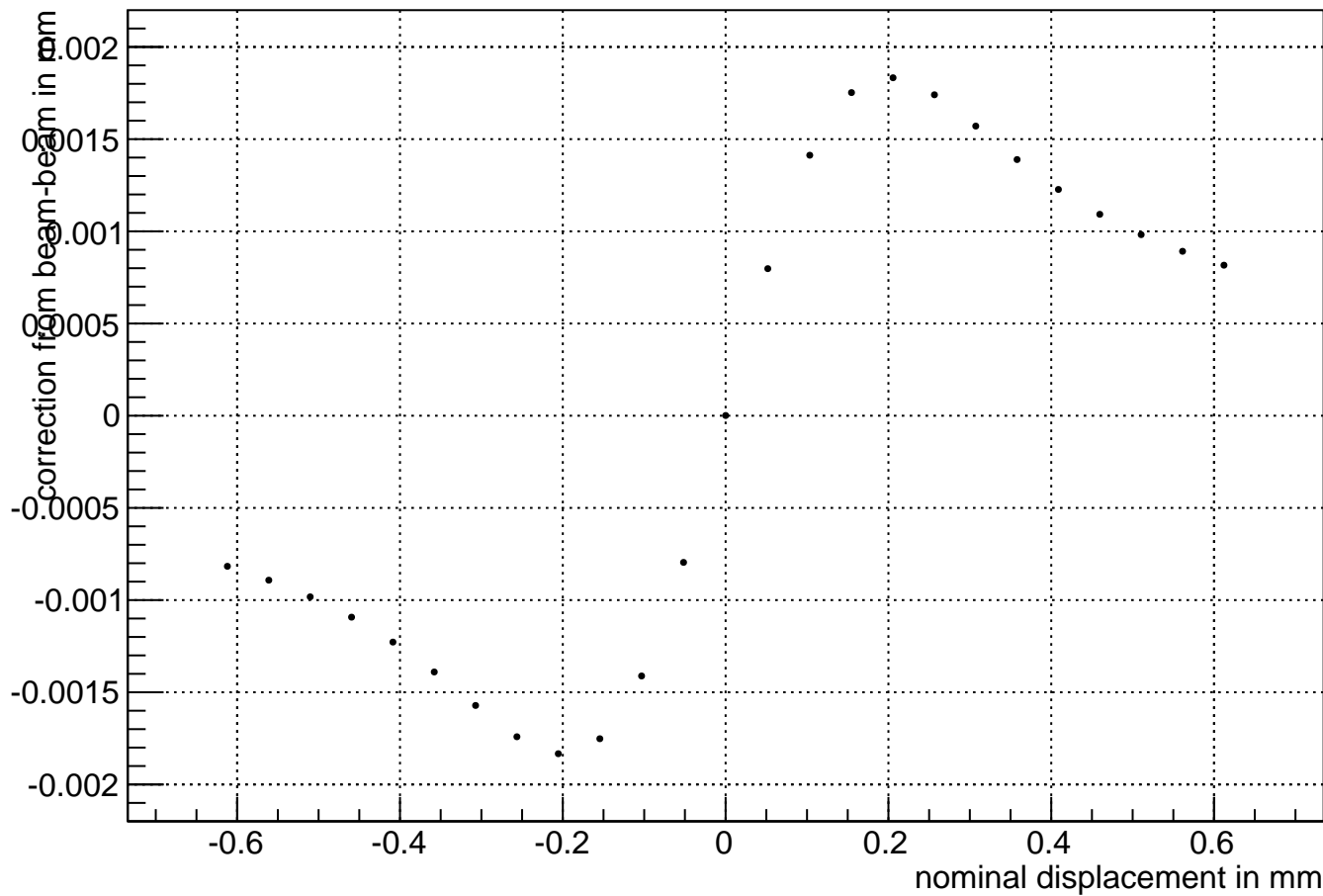


# BeamBeam correction for X1\_2251

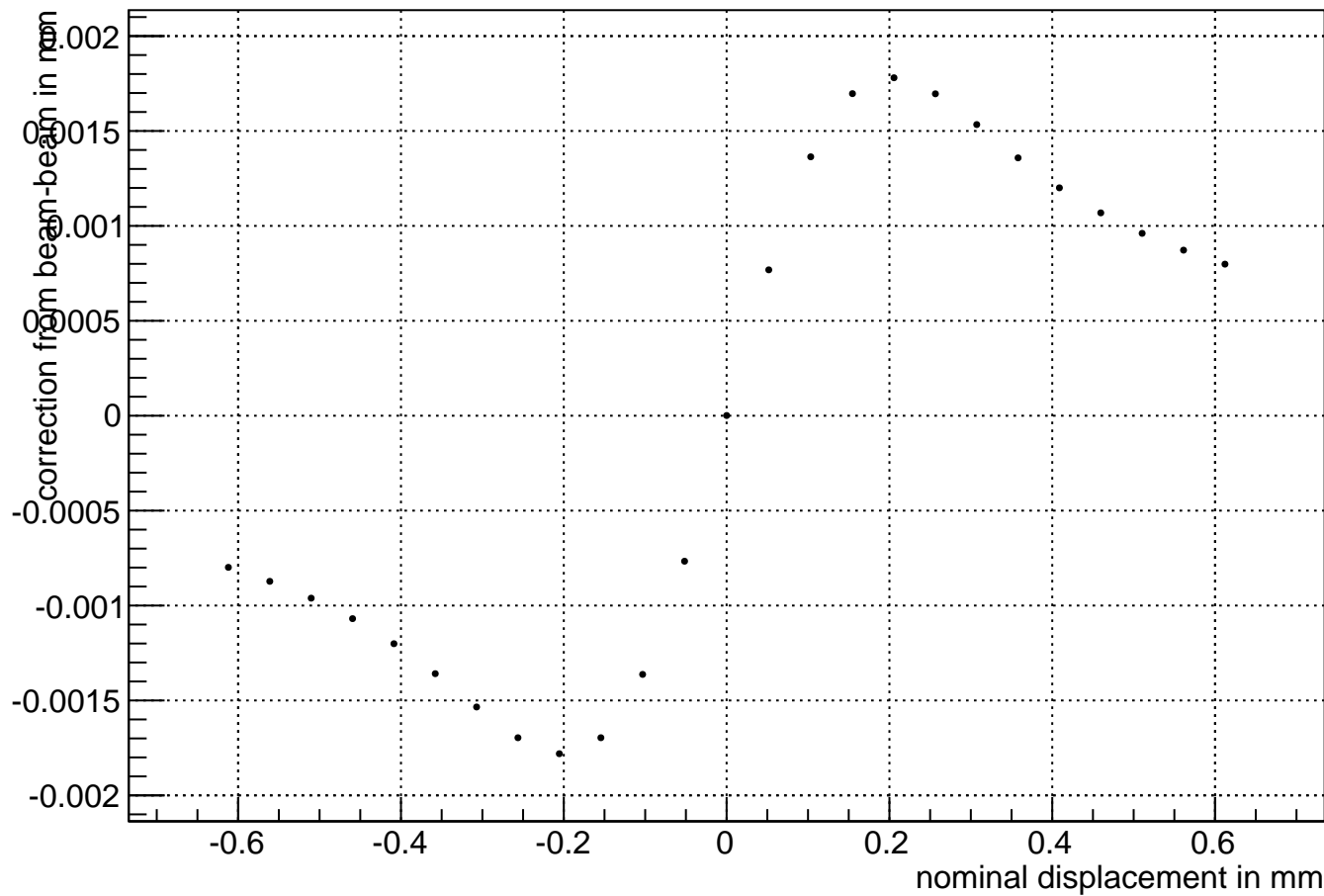




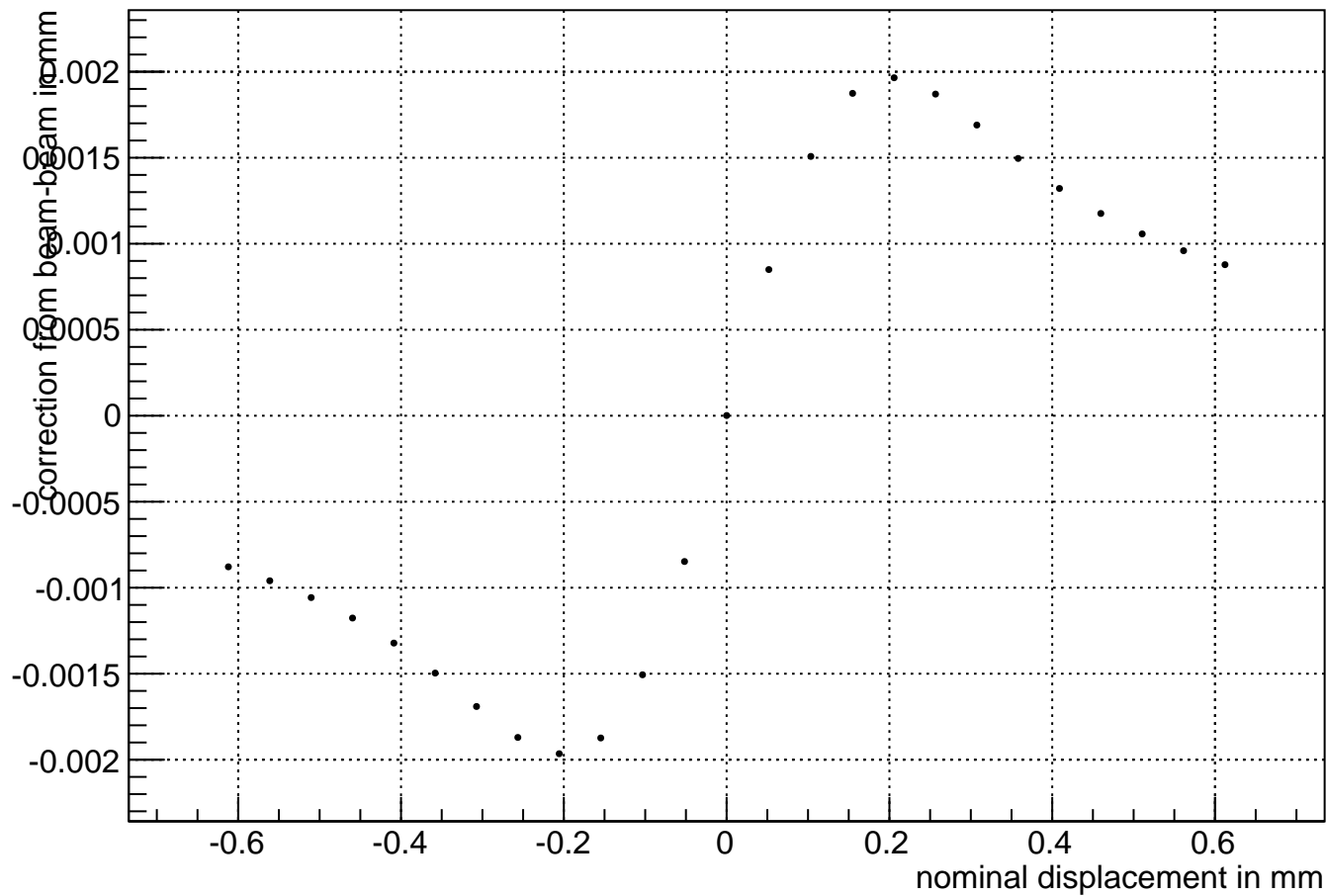
# BeamBeam correction for X1\_2291



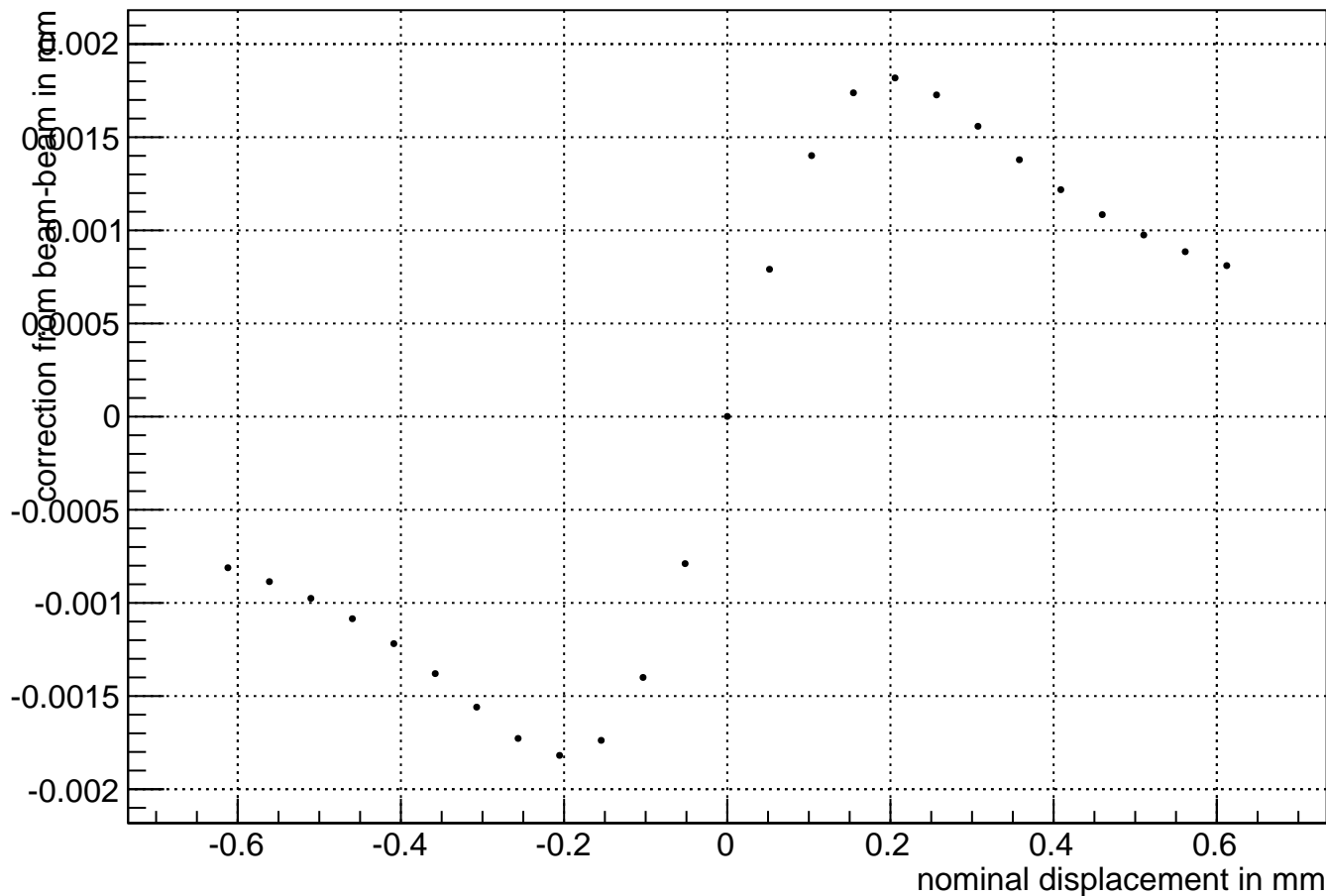
# BeamBeam correction for X1\_2331



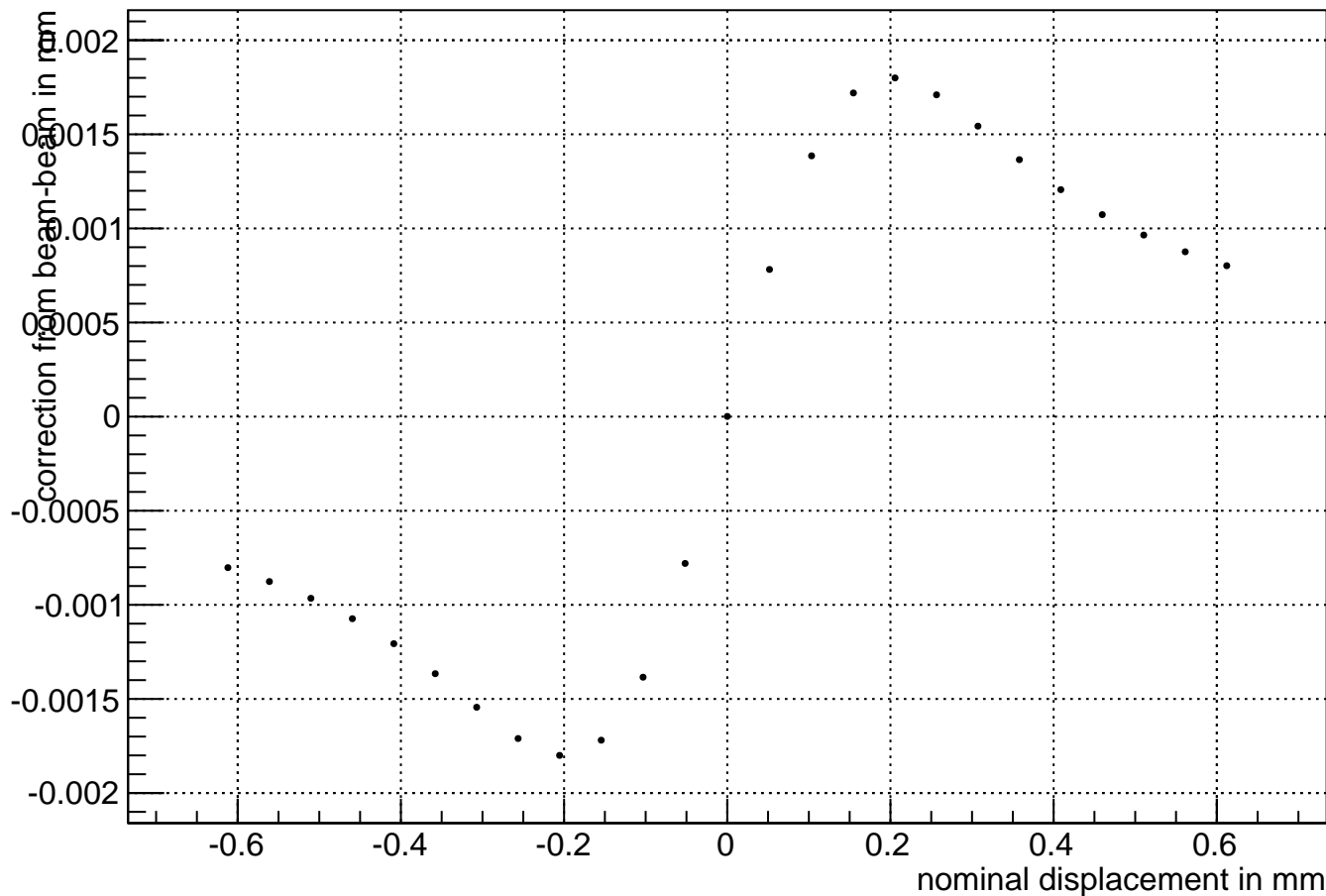
# BeamBeam correction for X1\_2371



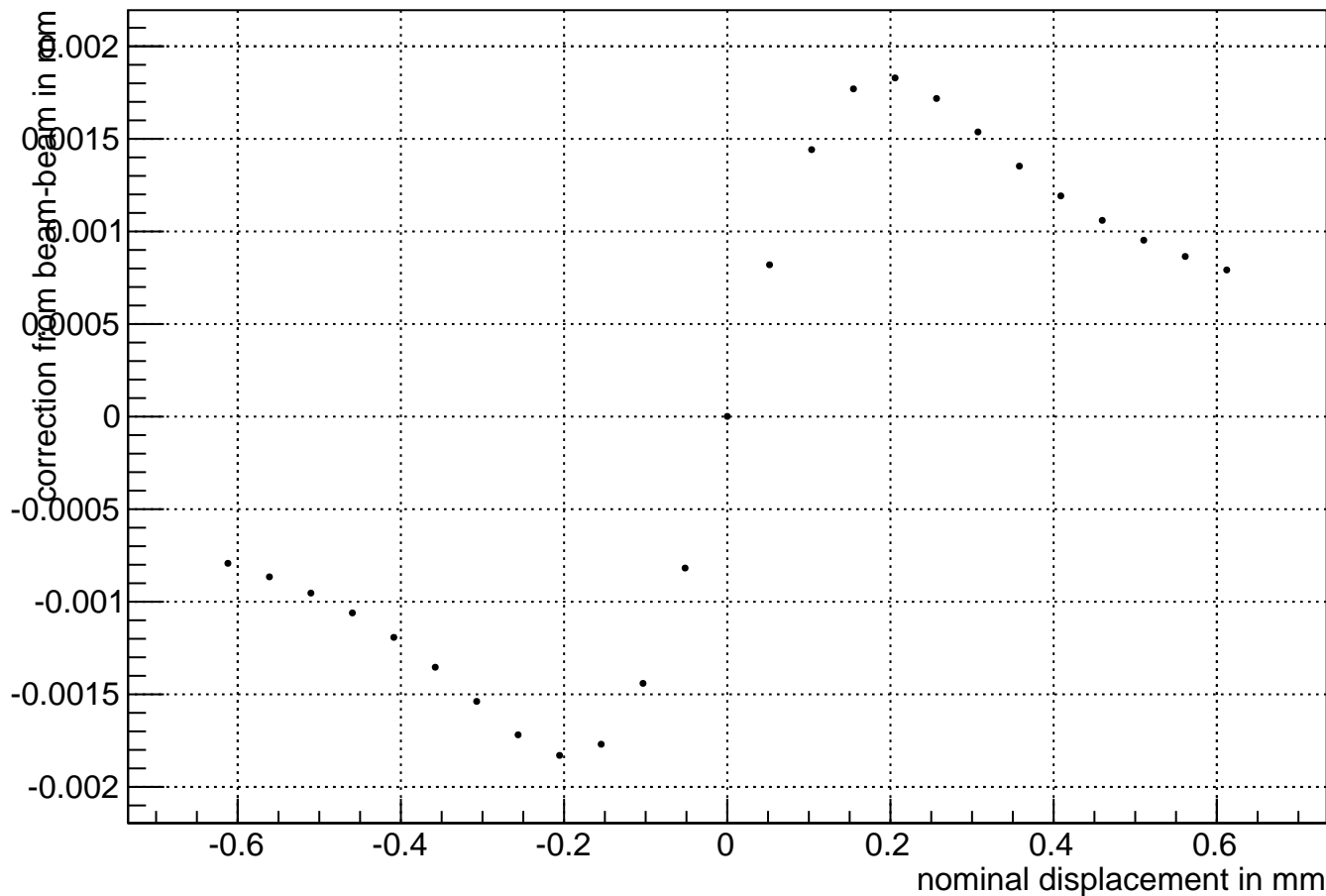
# BeamBeam correction for X1\_2411



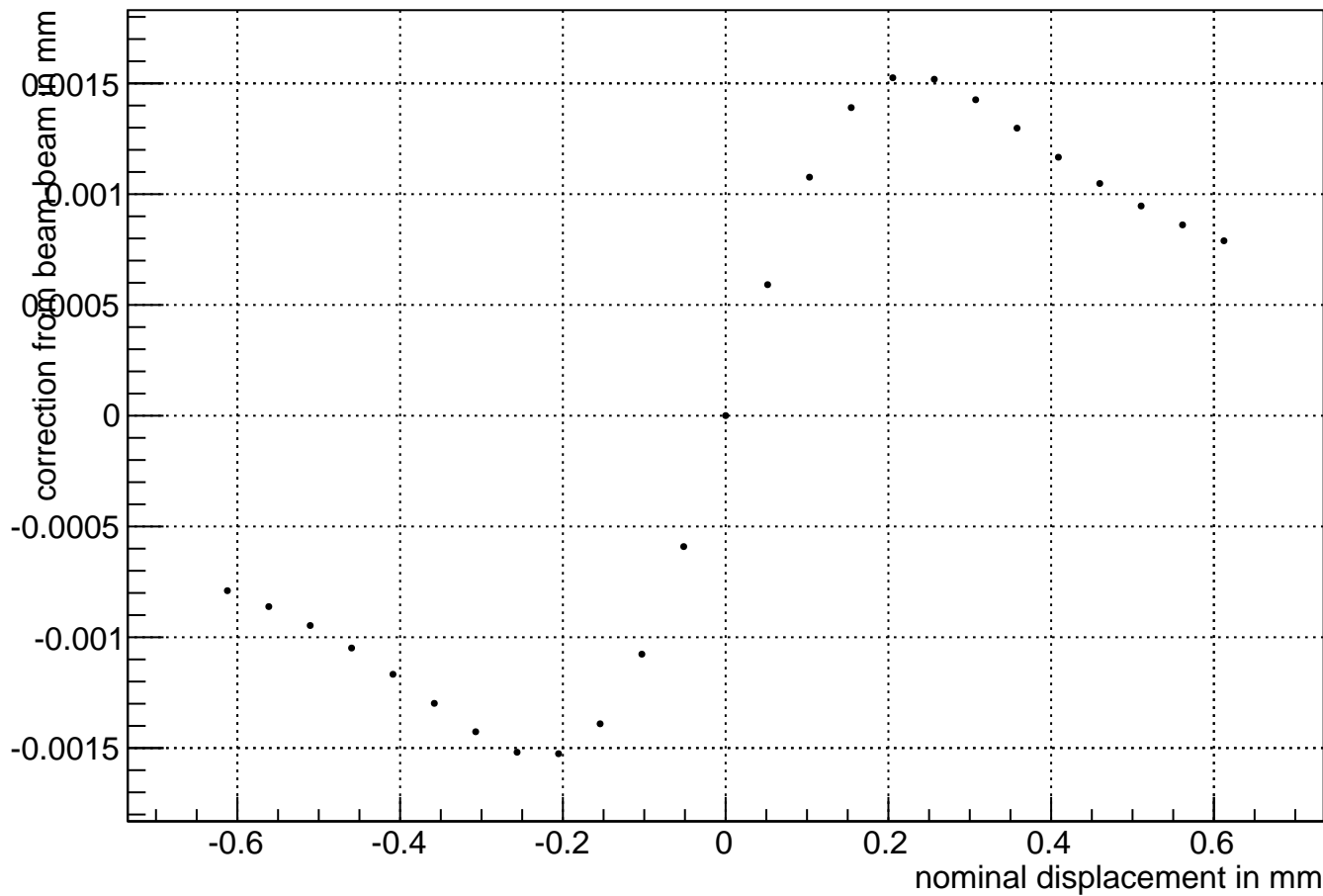
# BeamBeam correction for X1\_2451



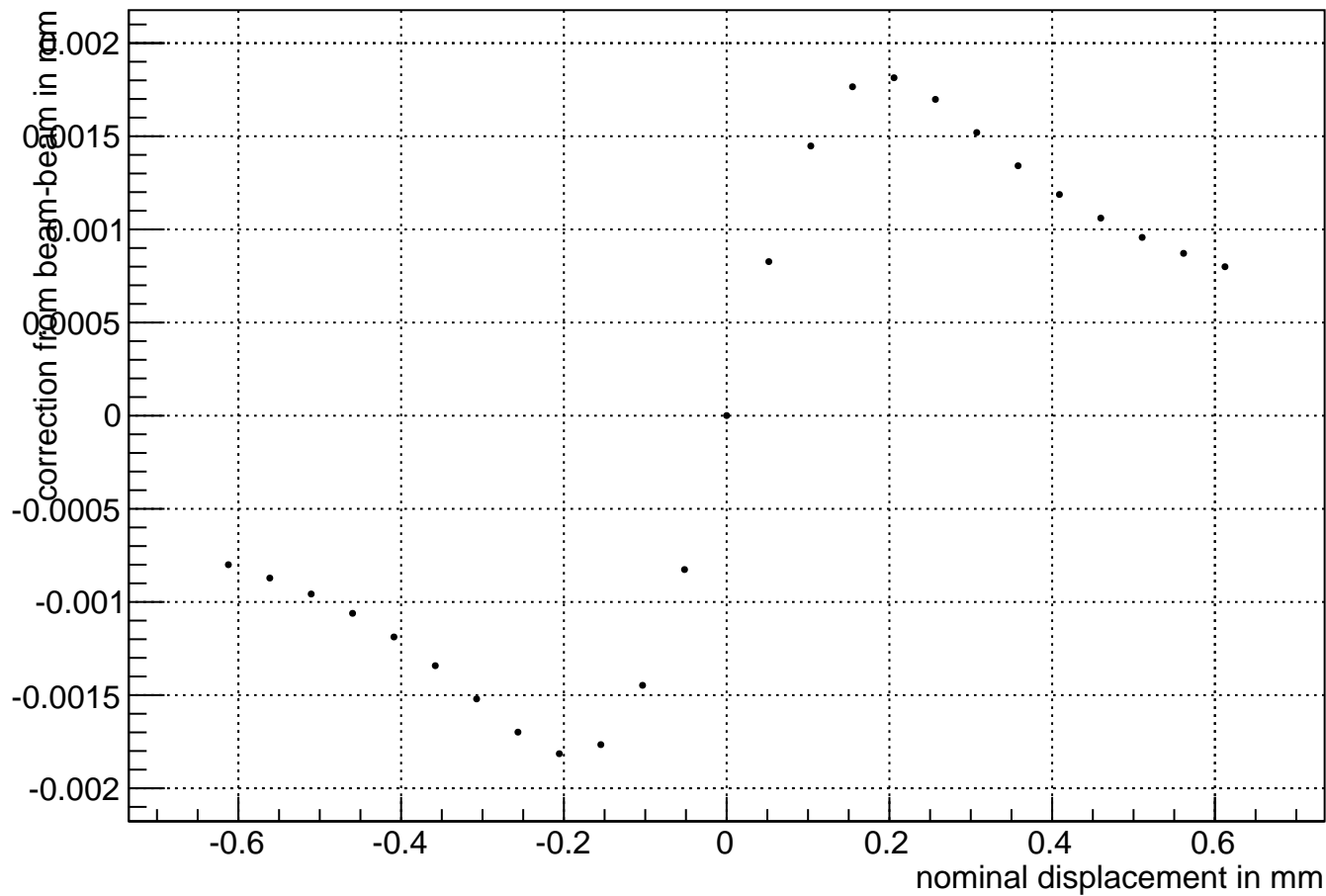
# BeamBeam correction for X1\_2674



# BeamBeam correction for Y1\_1

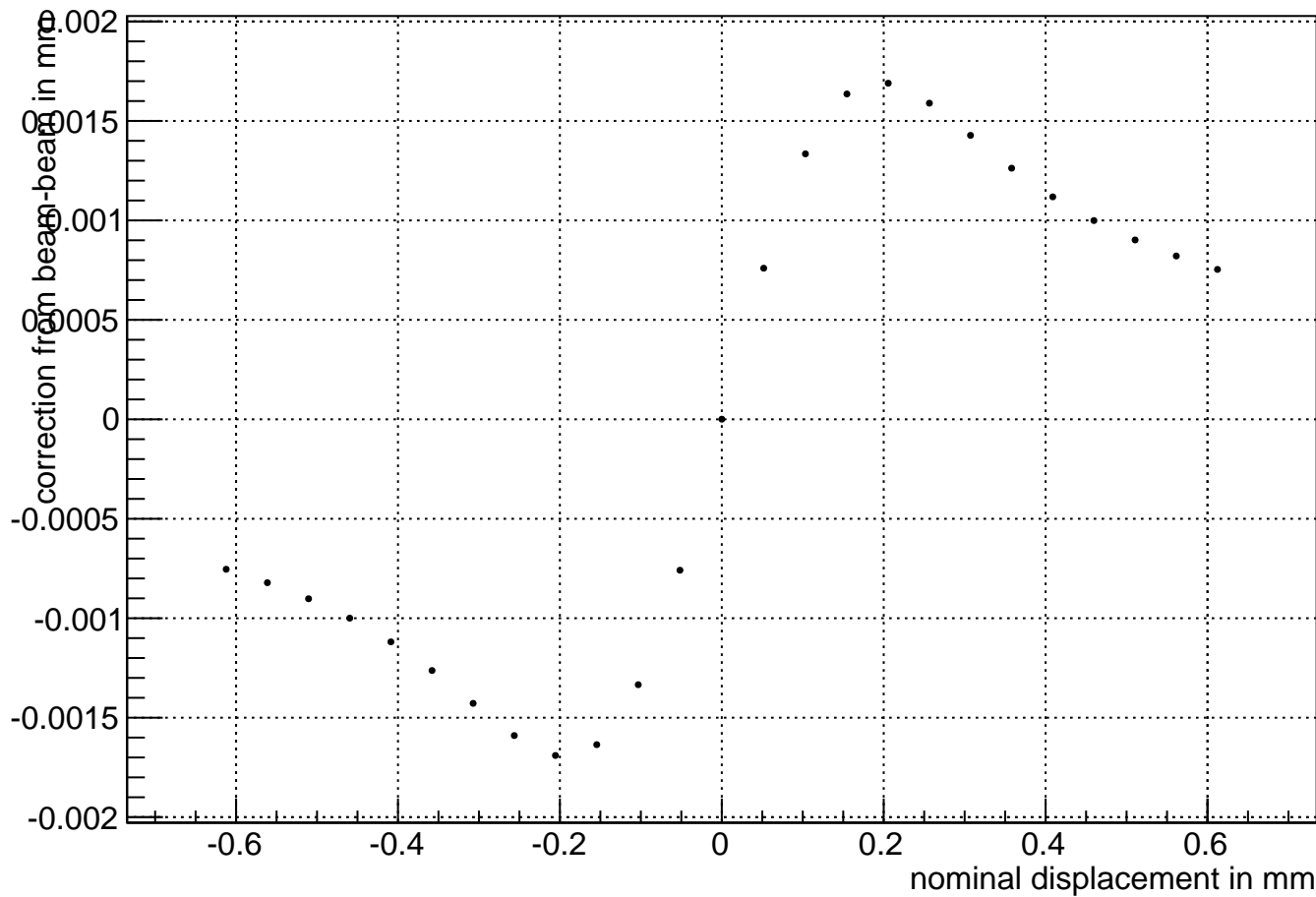


# BeamBeam correction for Y1\_51

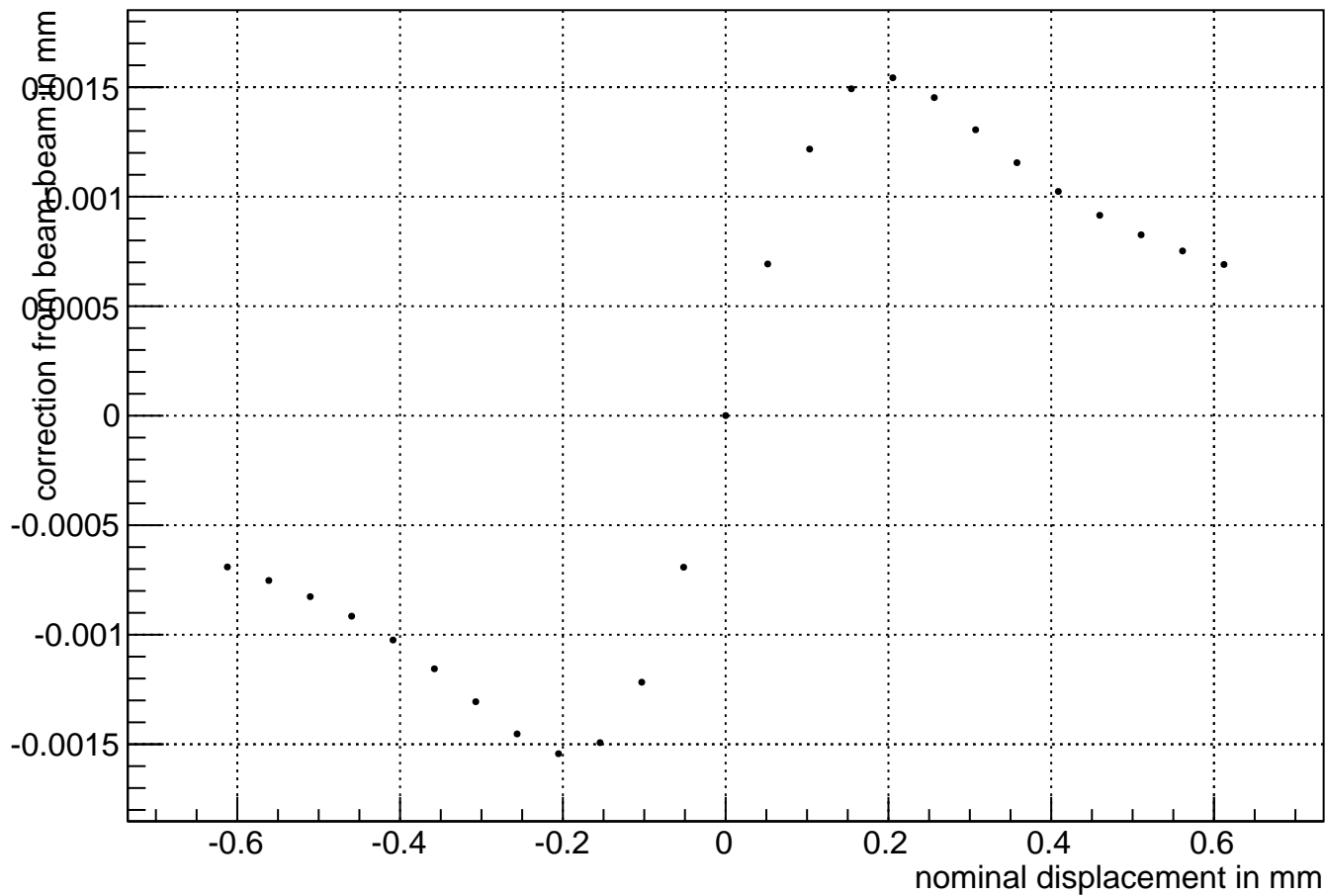




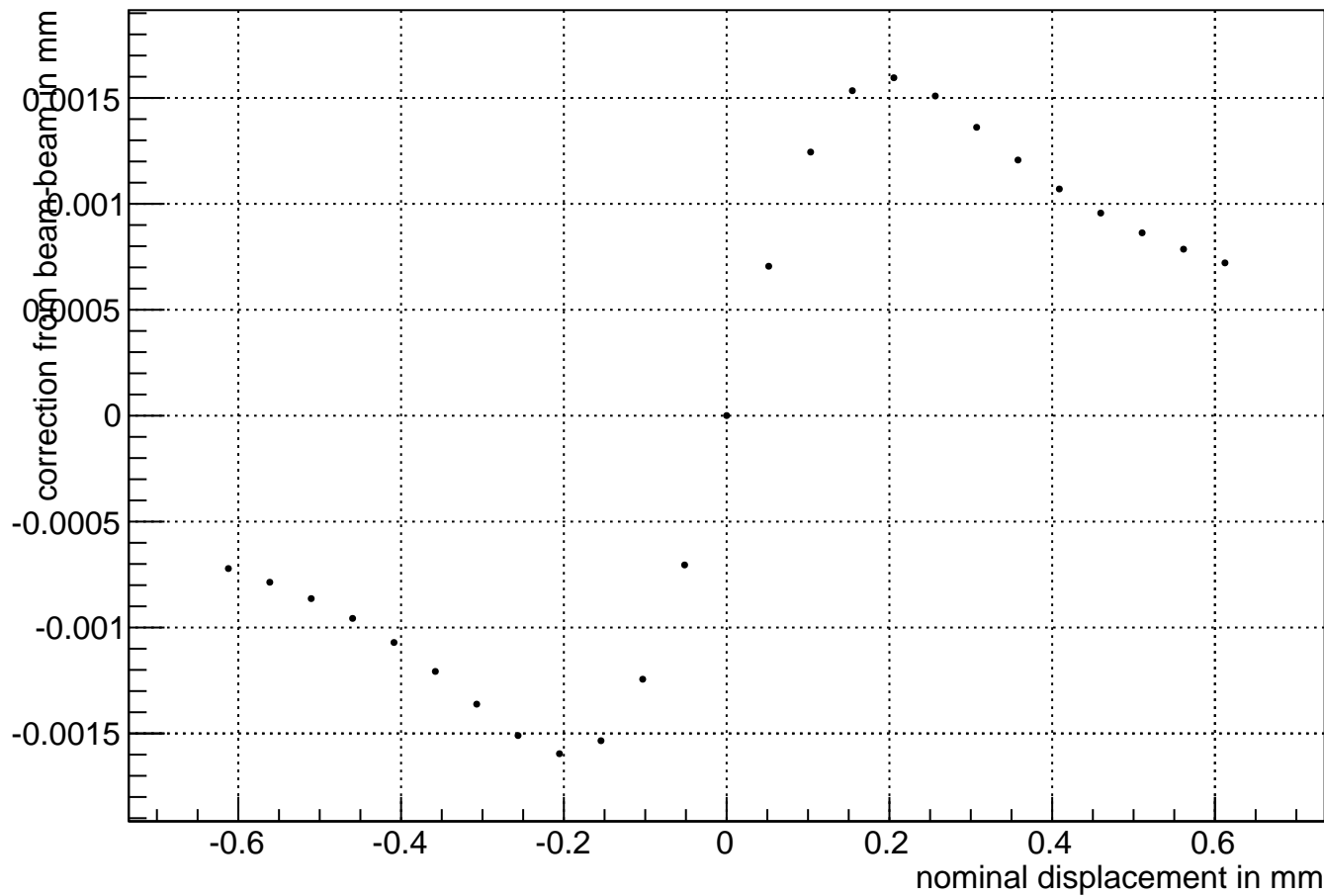
# BeamBeam correction for Y1\_91



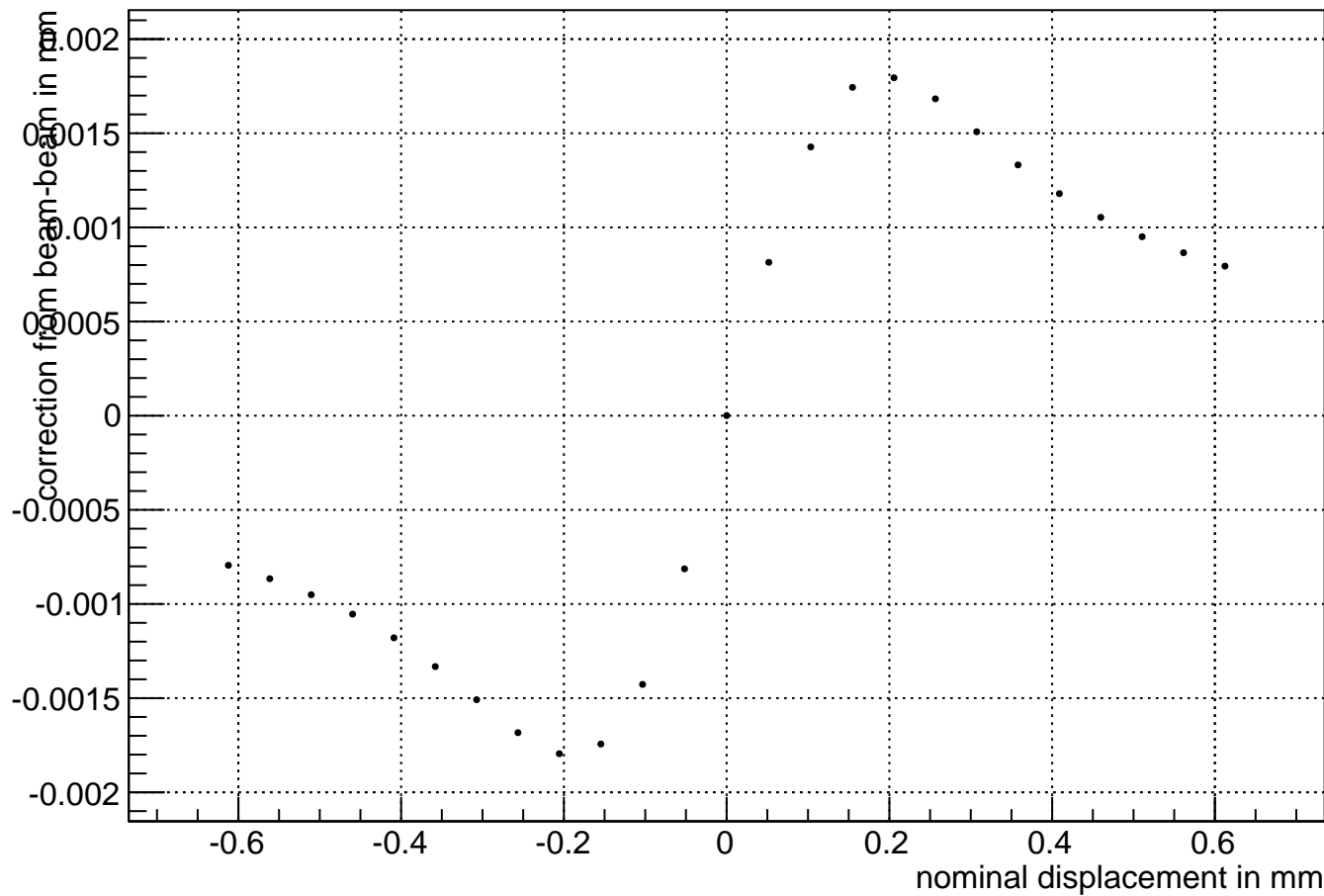
# BeamBeam correction for Y1\_131



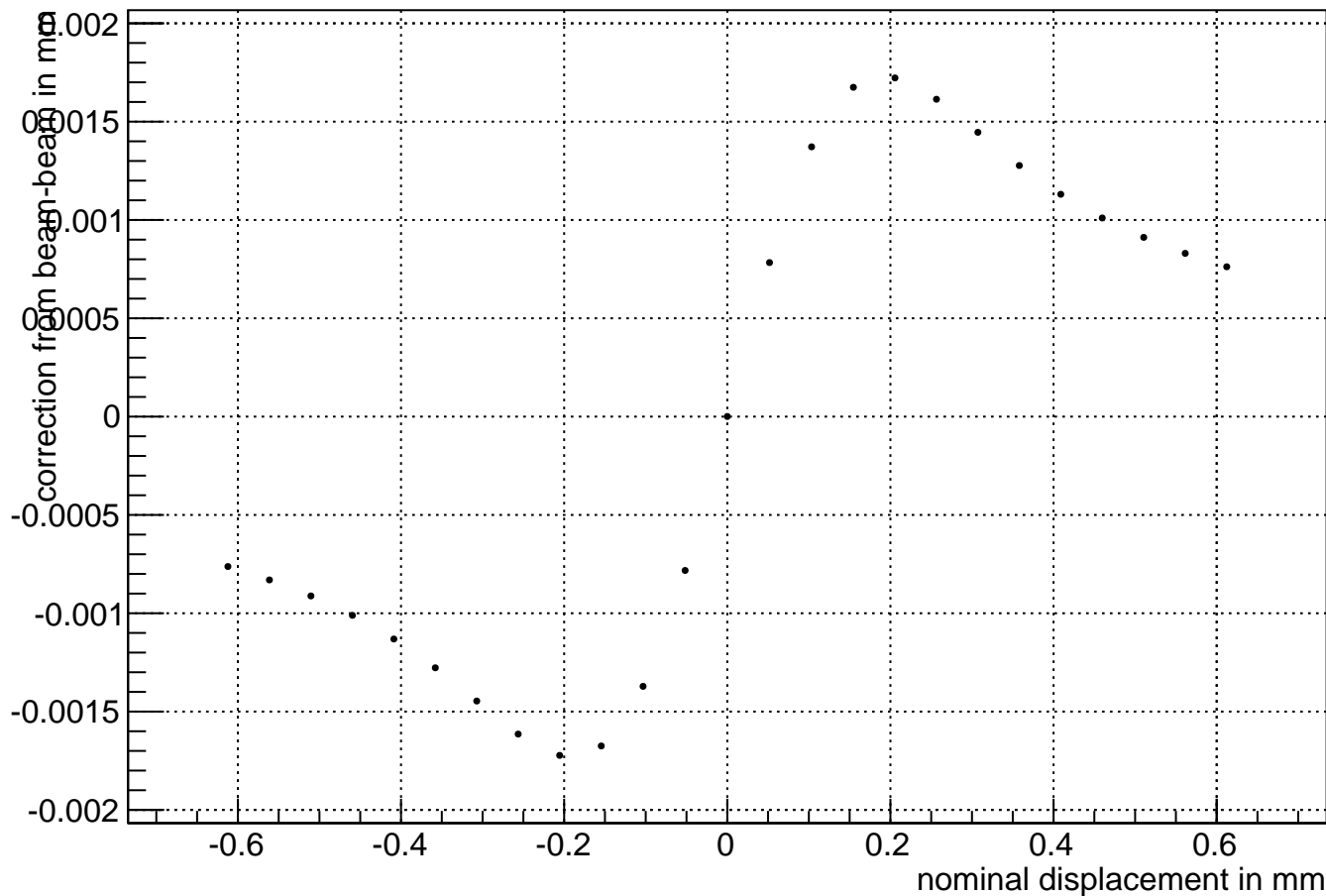
# BeamBeam correction for Y1\_171



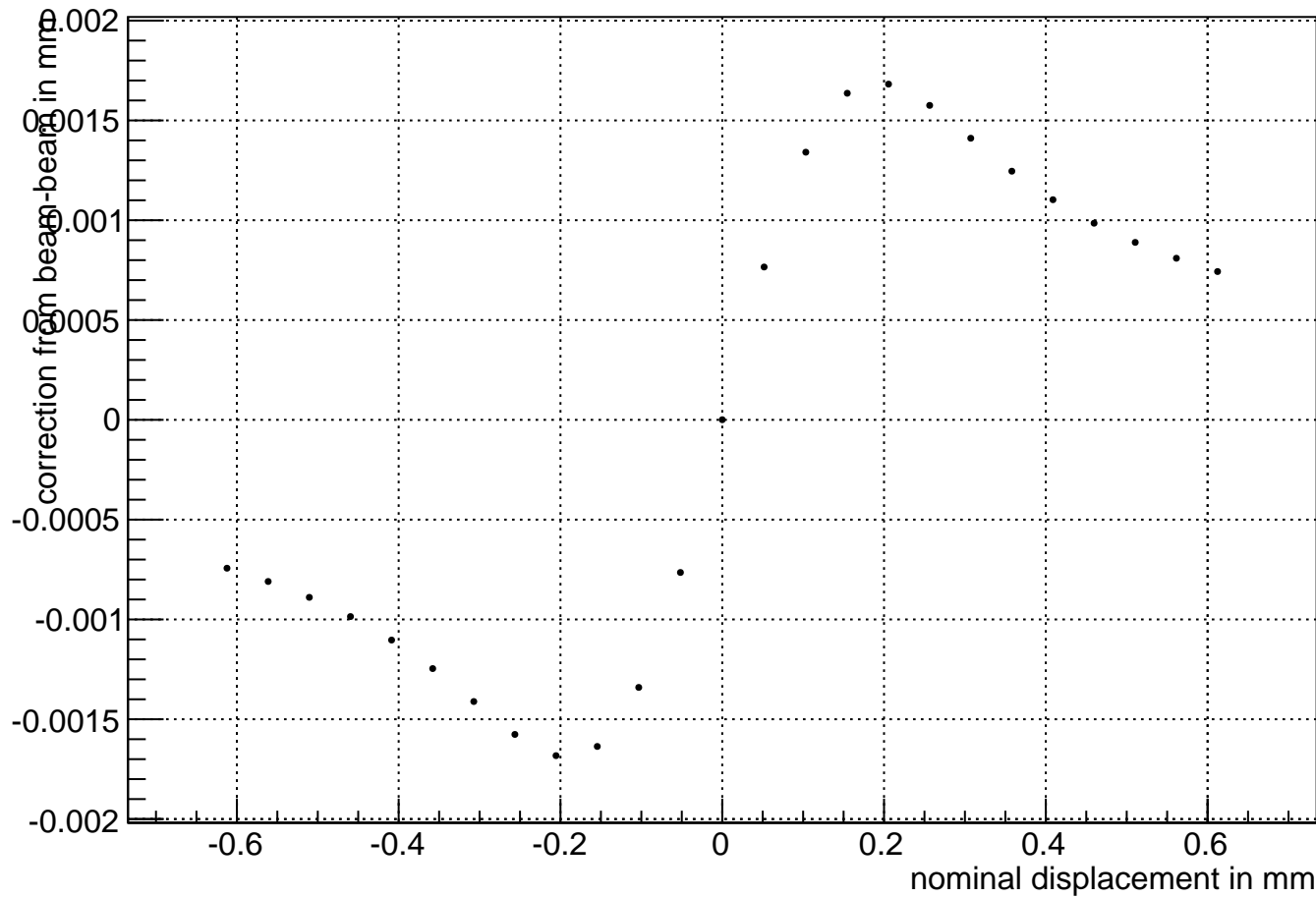
# BeamBeam correction for Y1\_211



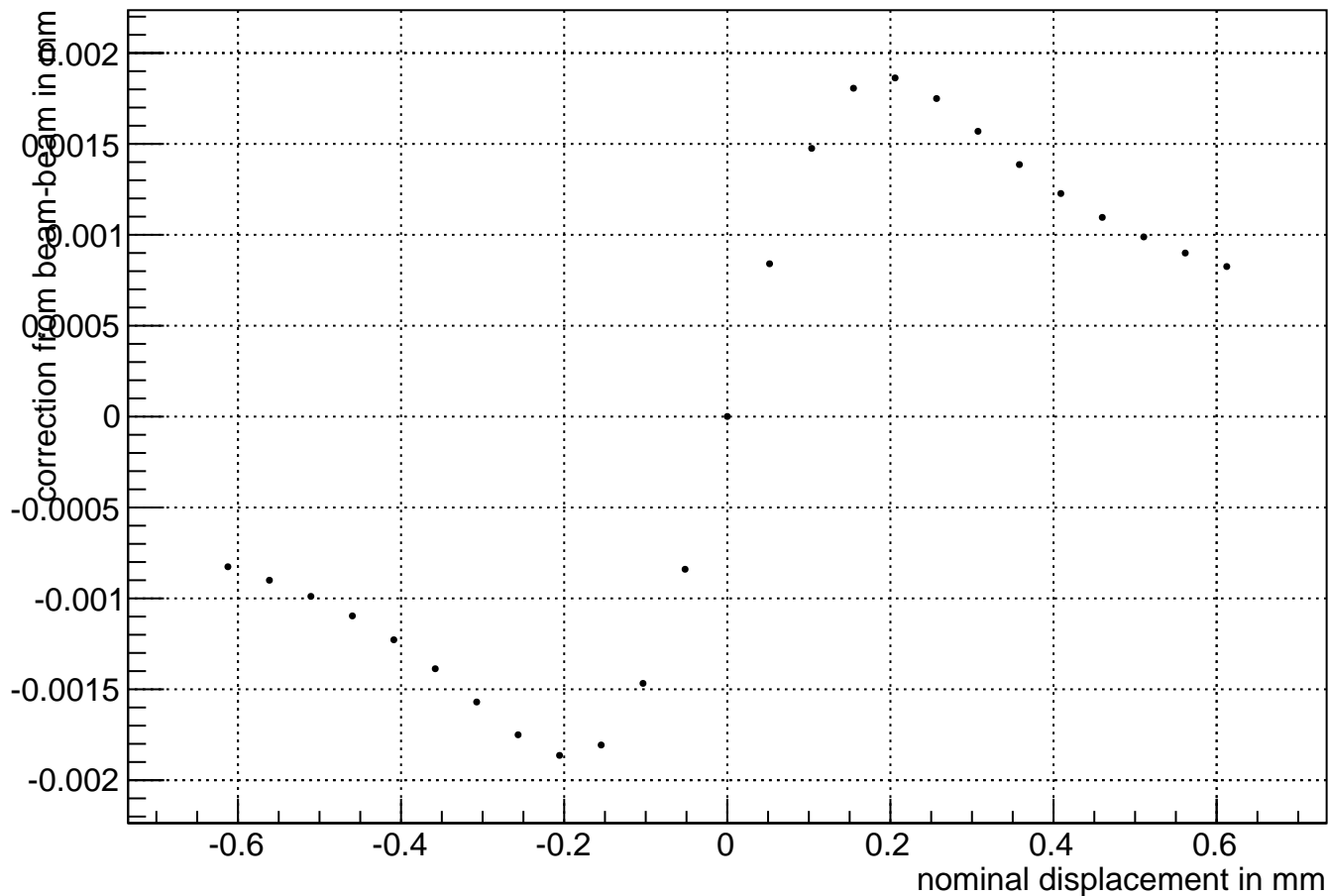
# BeamBeam correction for Y1\_251



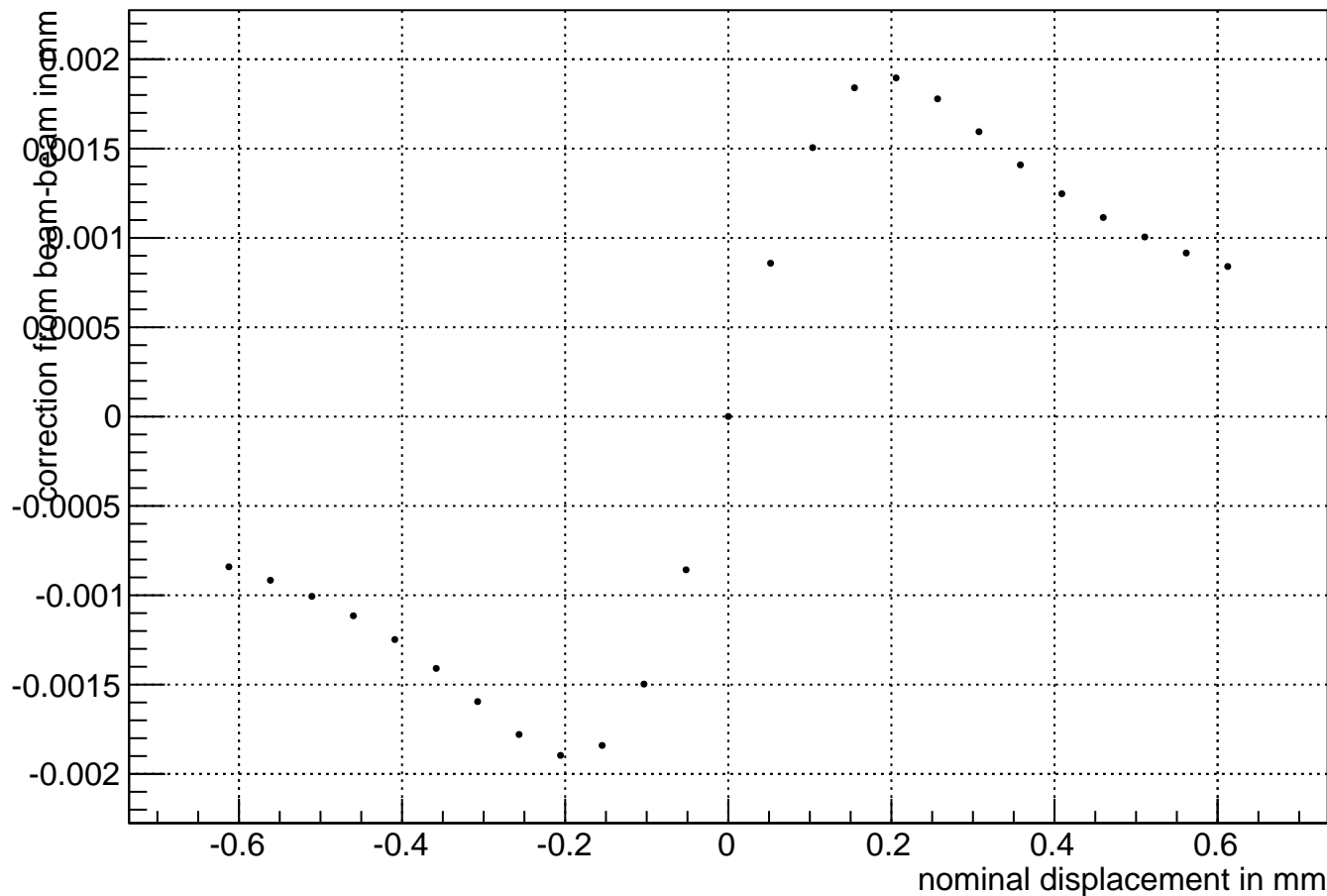
# BeamBeam correction for Y1\_291



# BeamBeam correction for Y1\_771

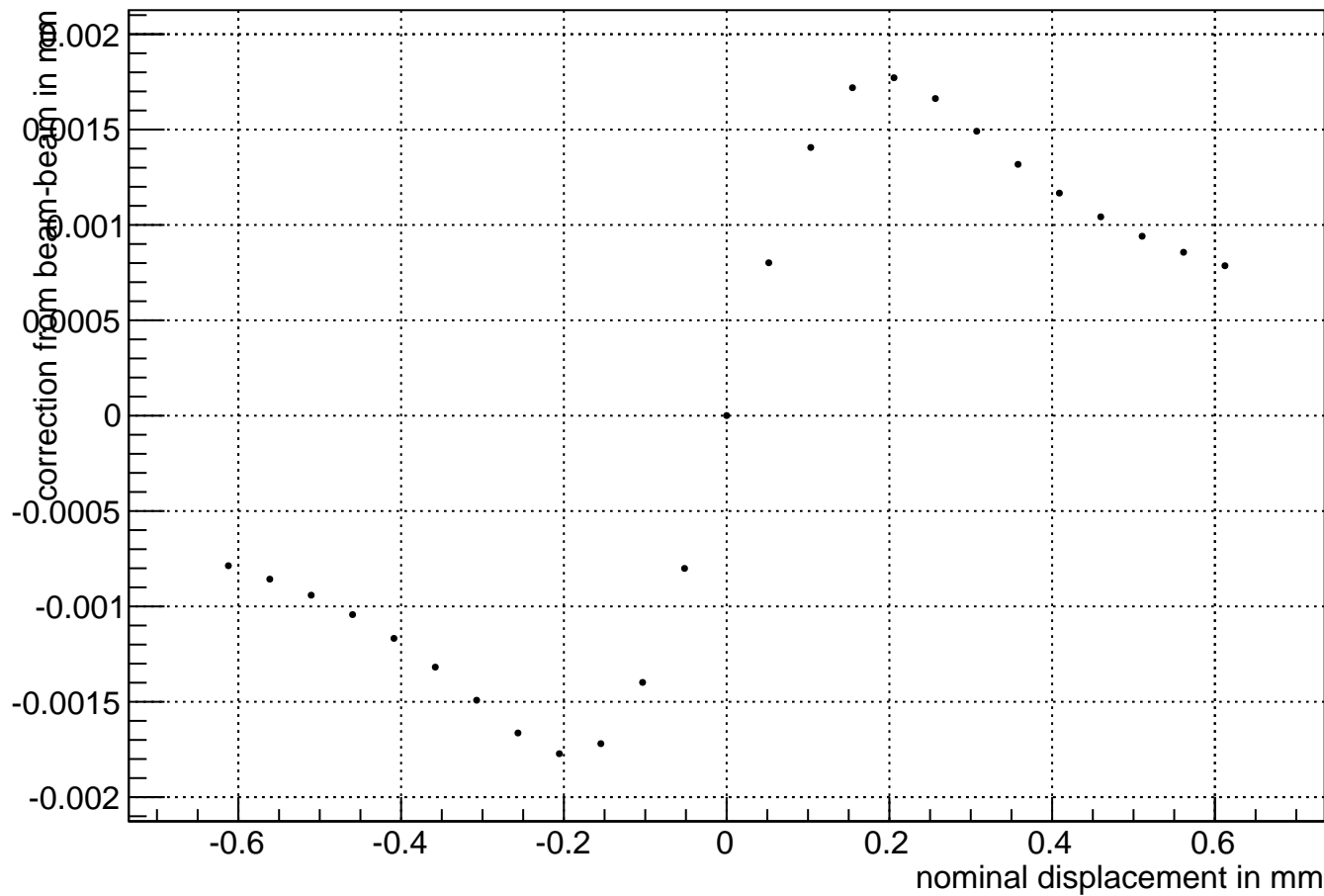


# BeamBeam correction for Y1\_811

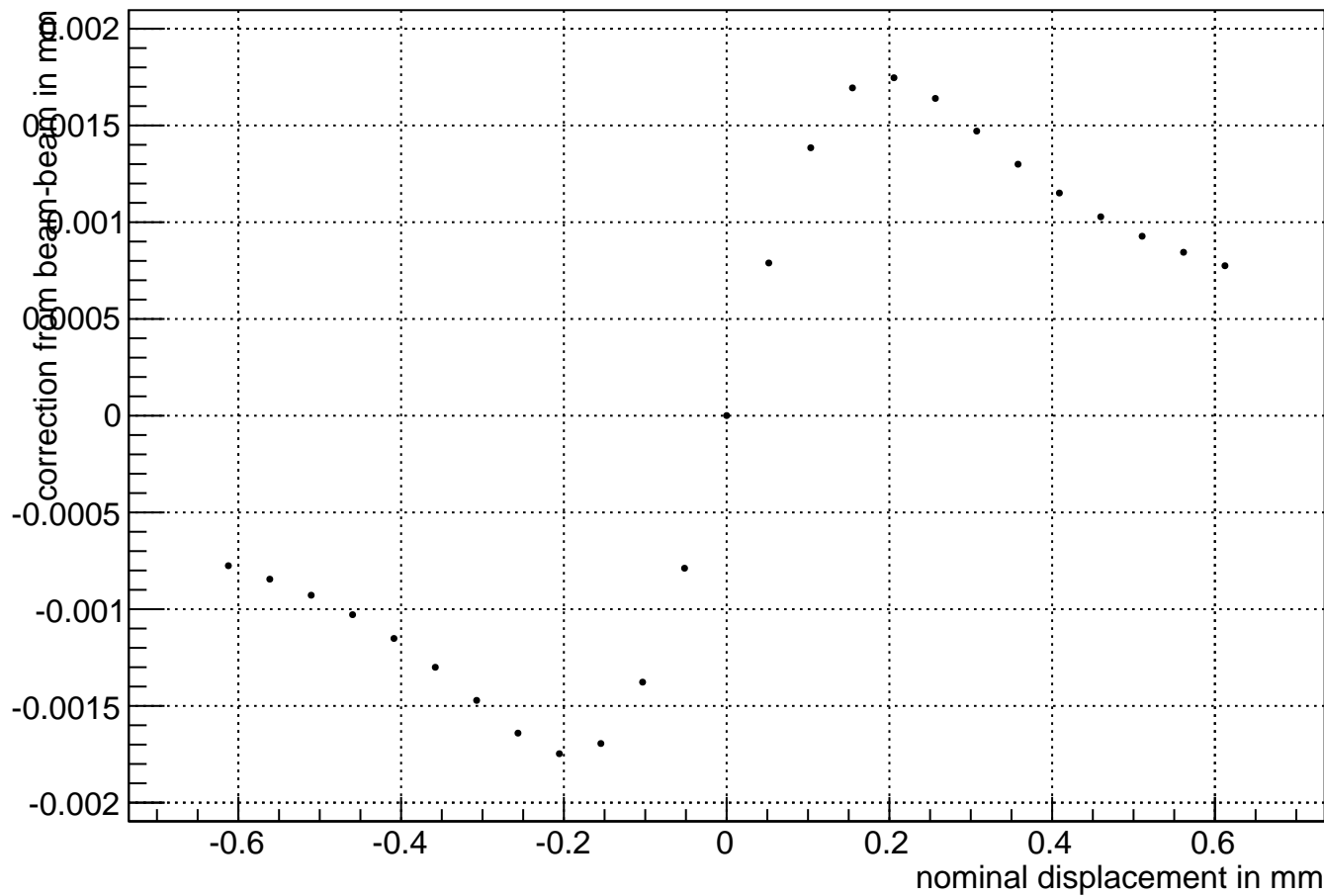




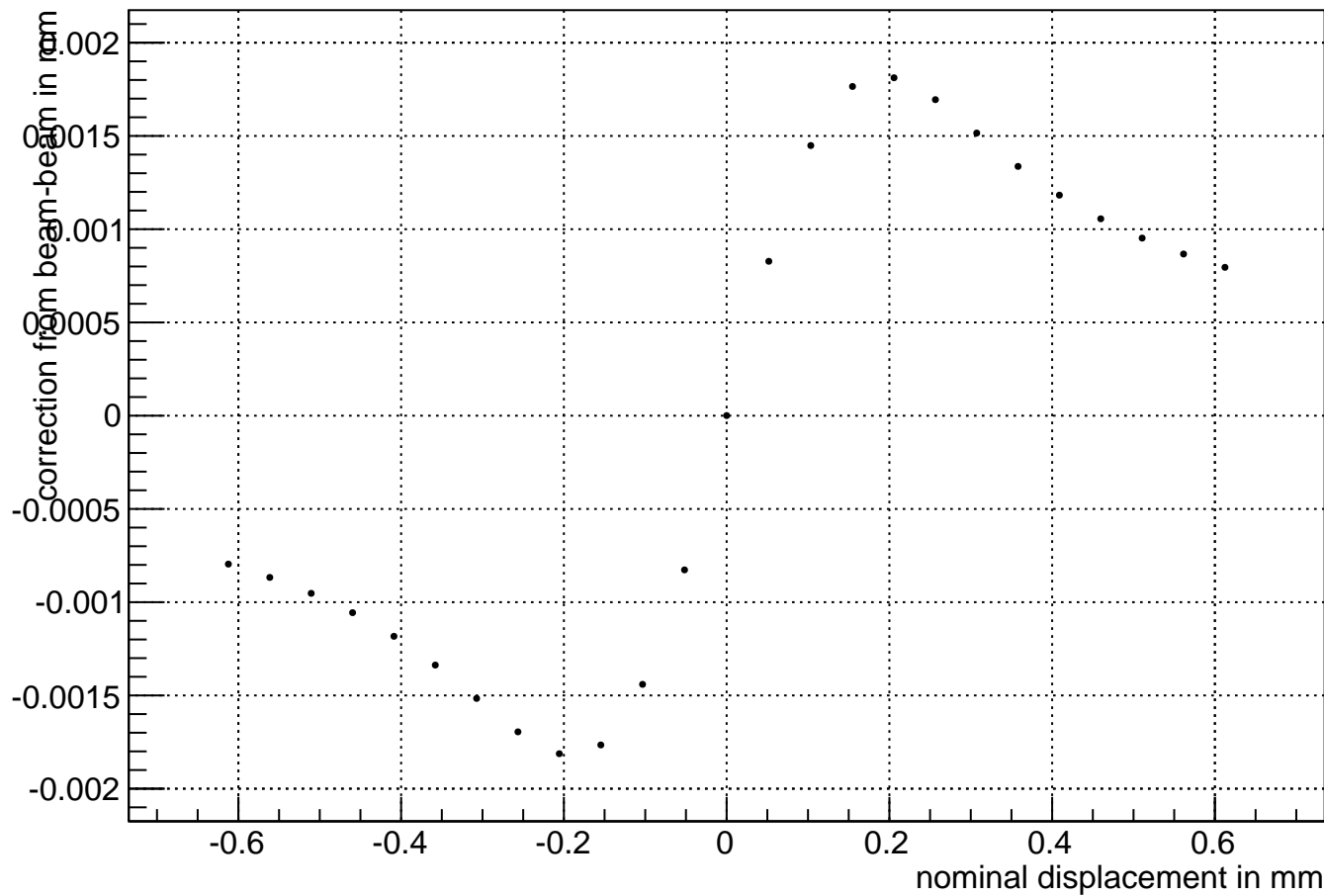
# BeamBeam correction for Y1\_851



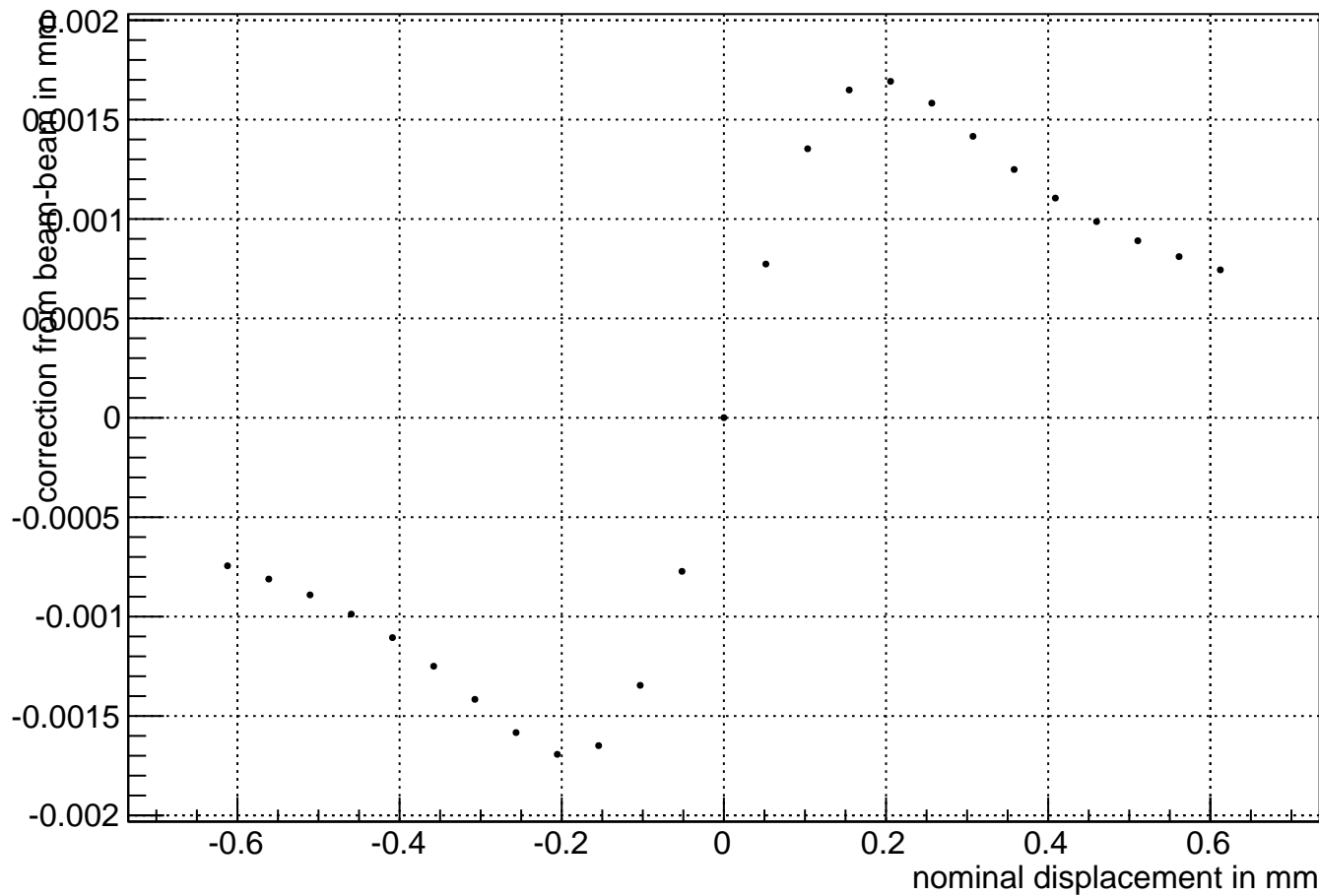
# BeamBeam correction for Y1\_891



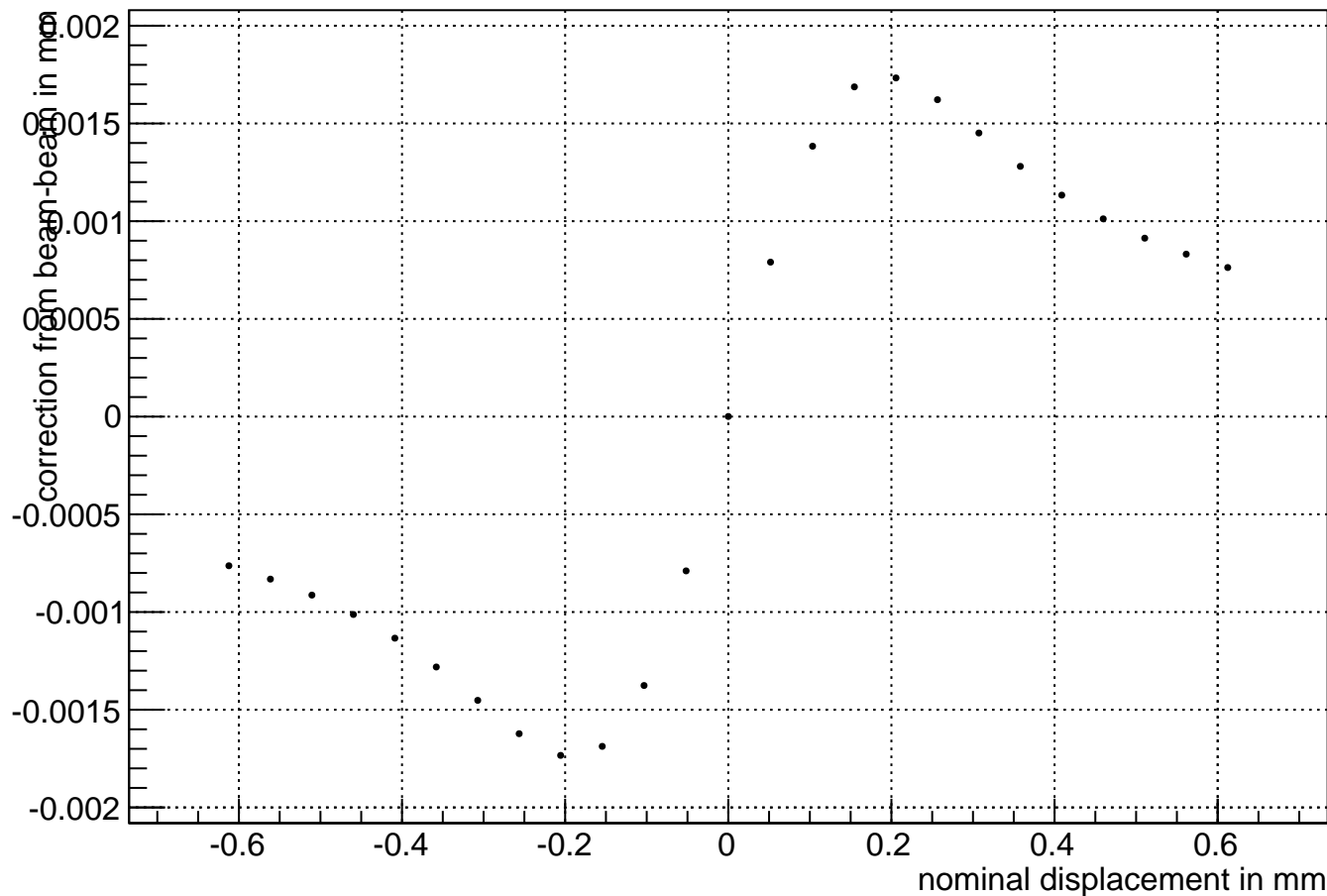
# BeamBeam correction for Y1\_931



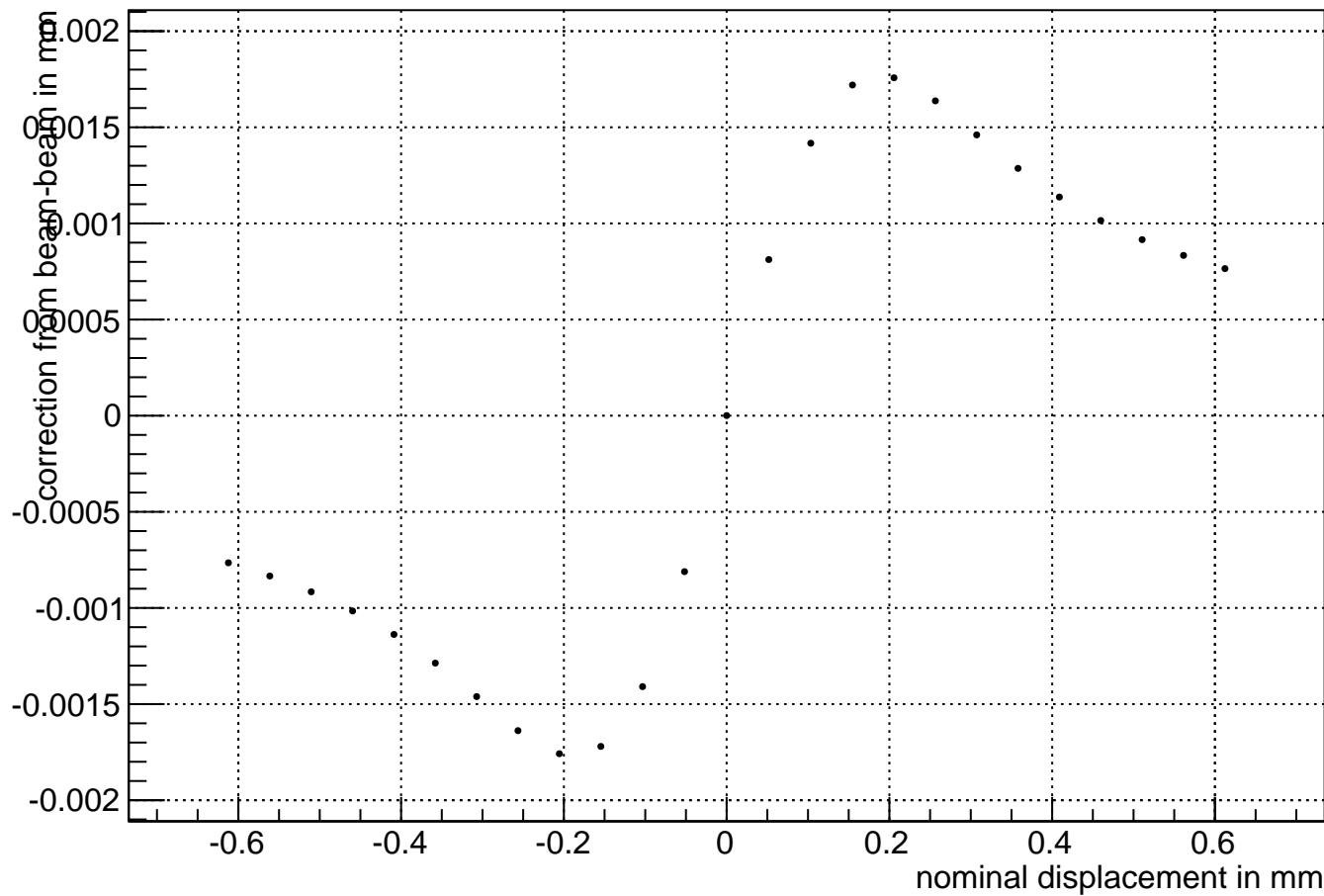
# BeamBeam correction for Y1\_971



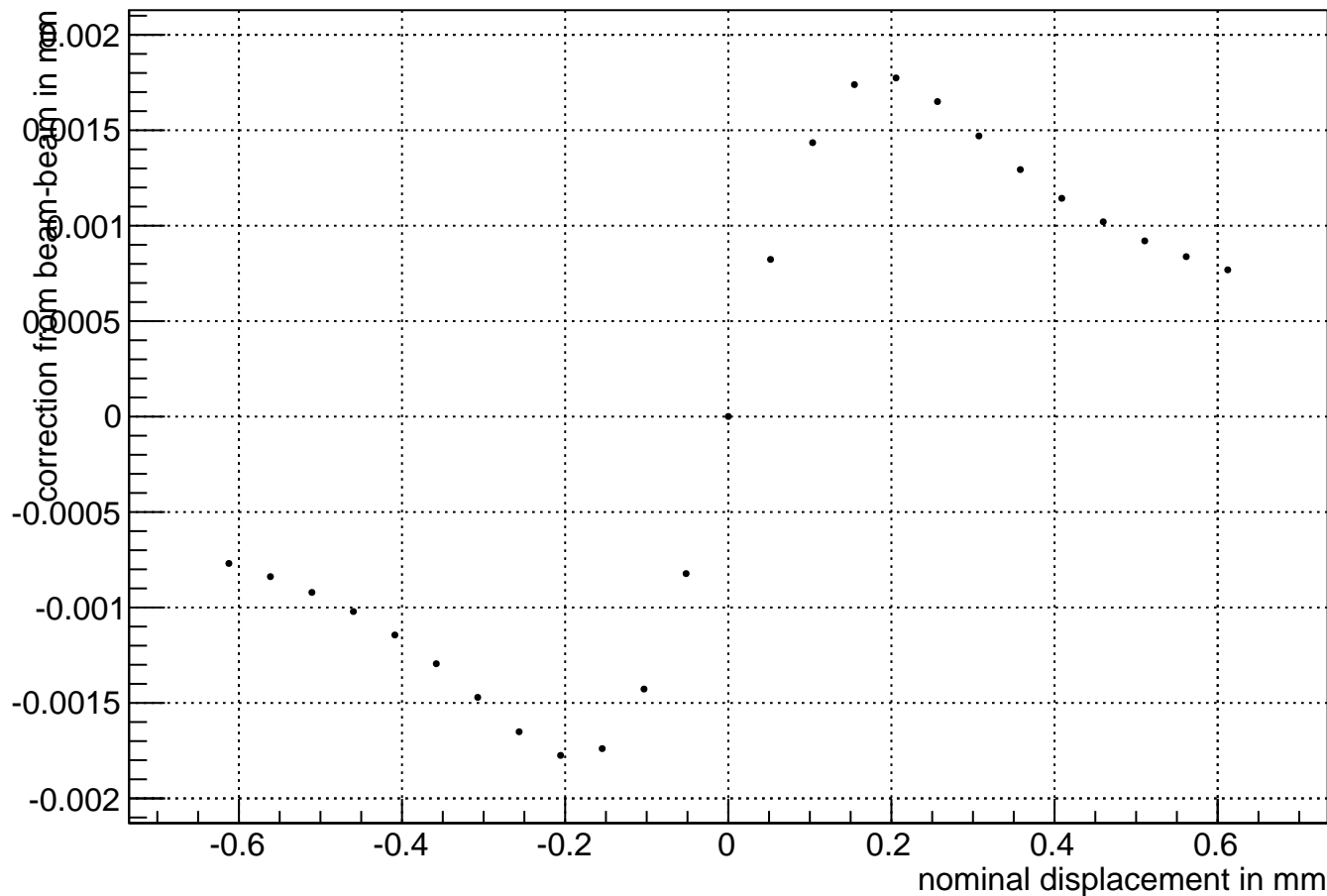
# BeamBeam correction for Y1\_1011



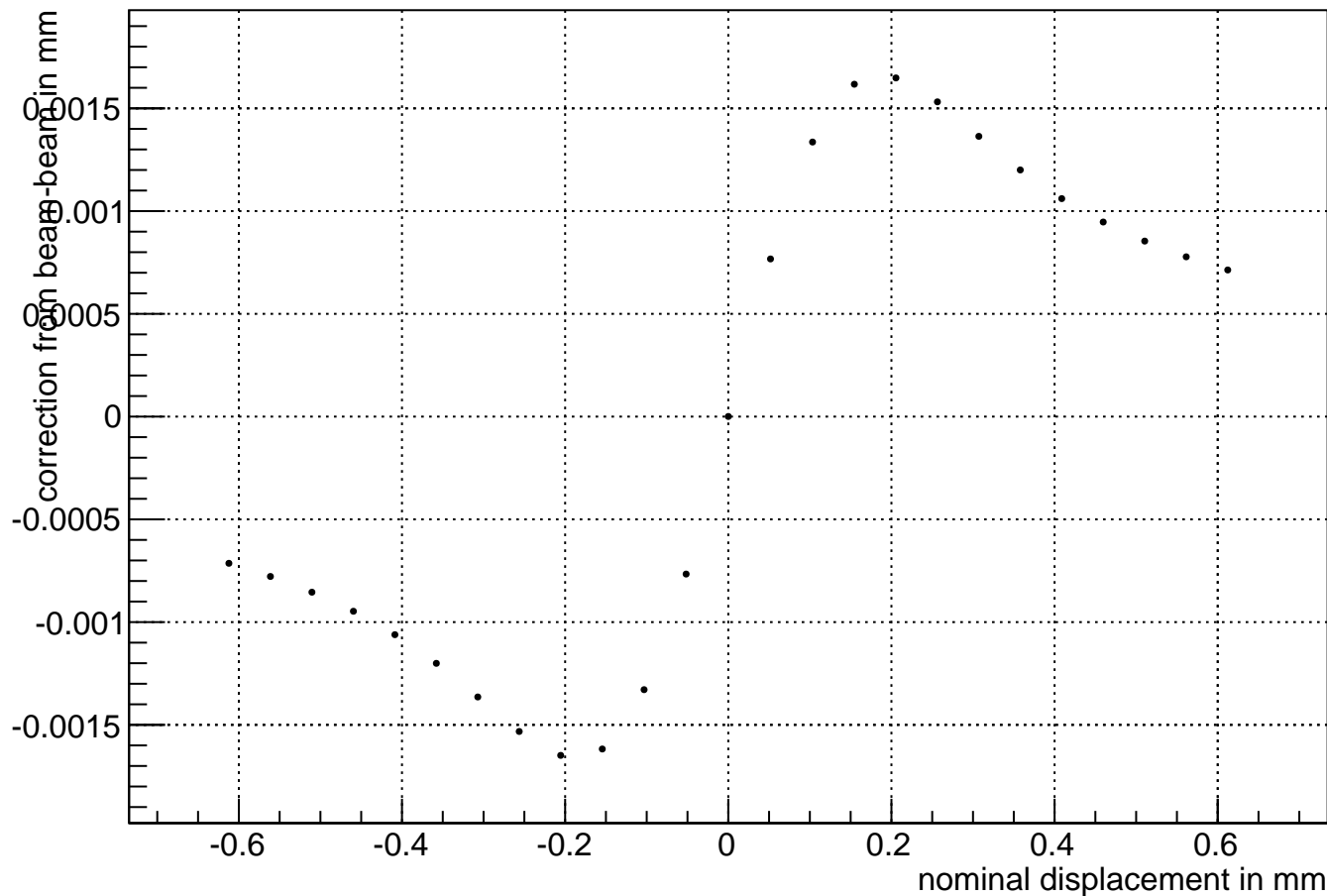
# BeamBeam correction for Y1\_1631



# BeamBeam correction for Y1\_1671

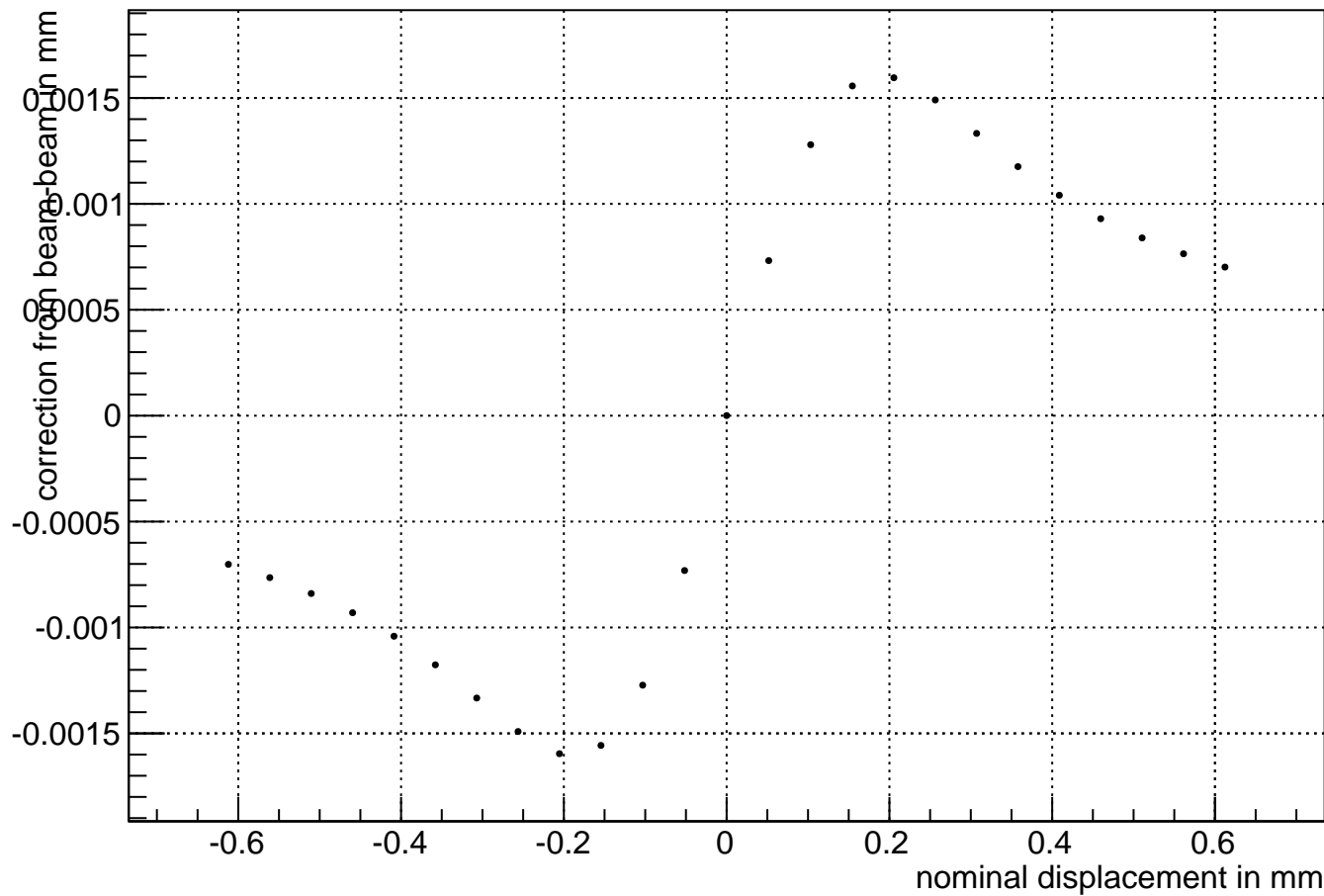


# BeamBeam correction for Y1\_1711

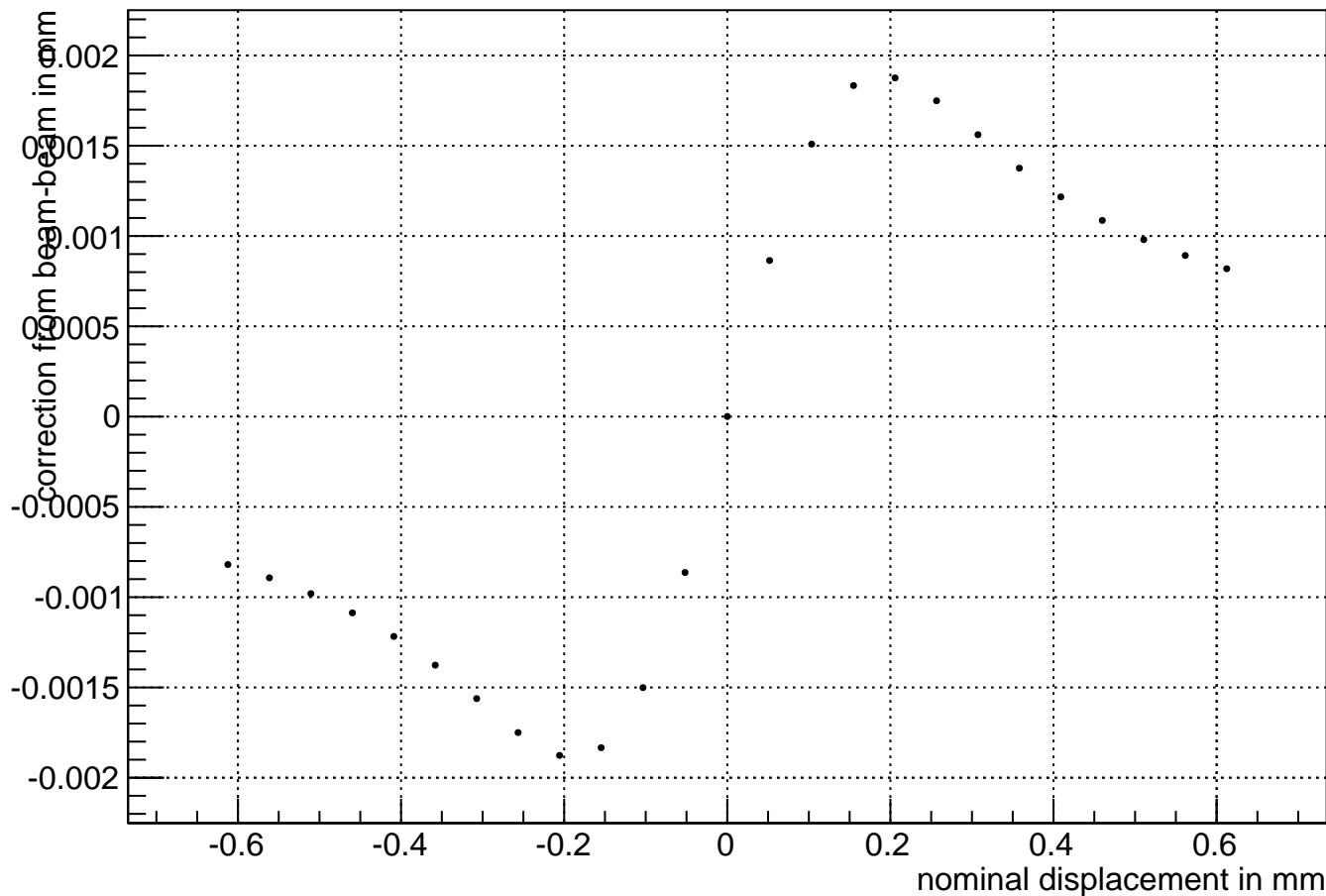




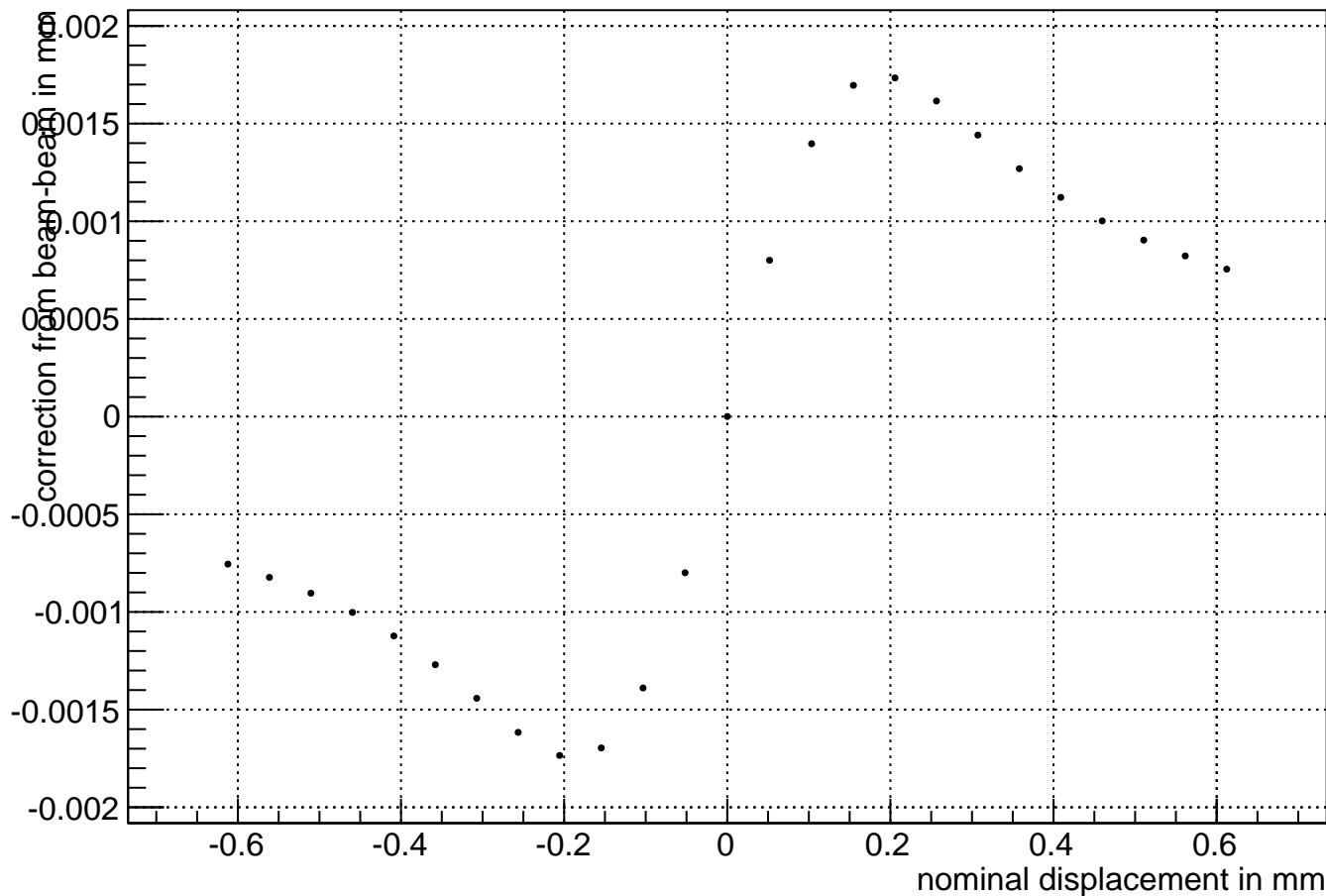
# BeamBeam correction for Y1\_1751



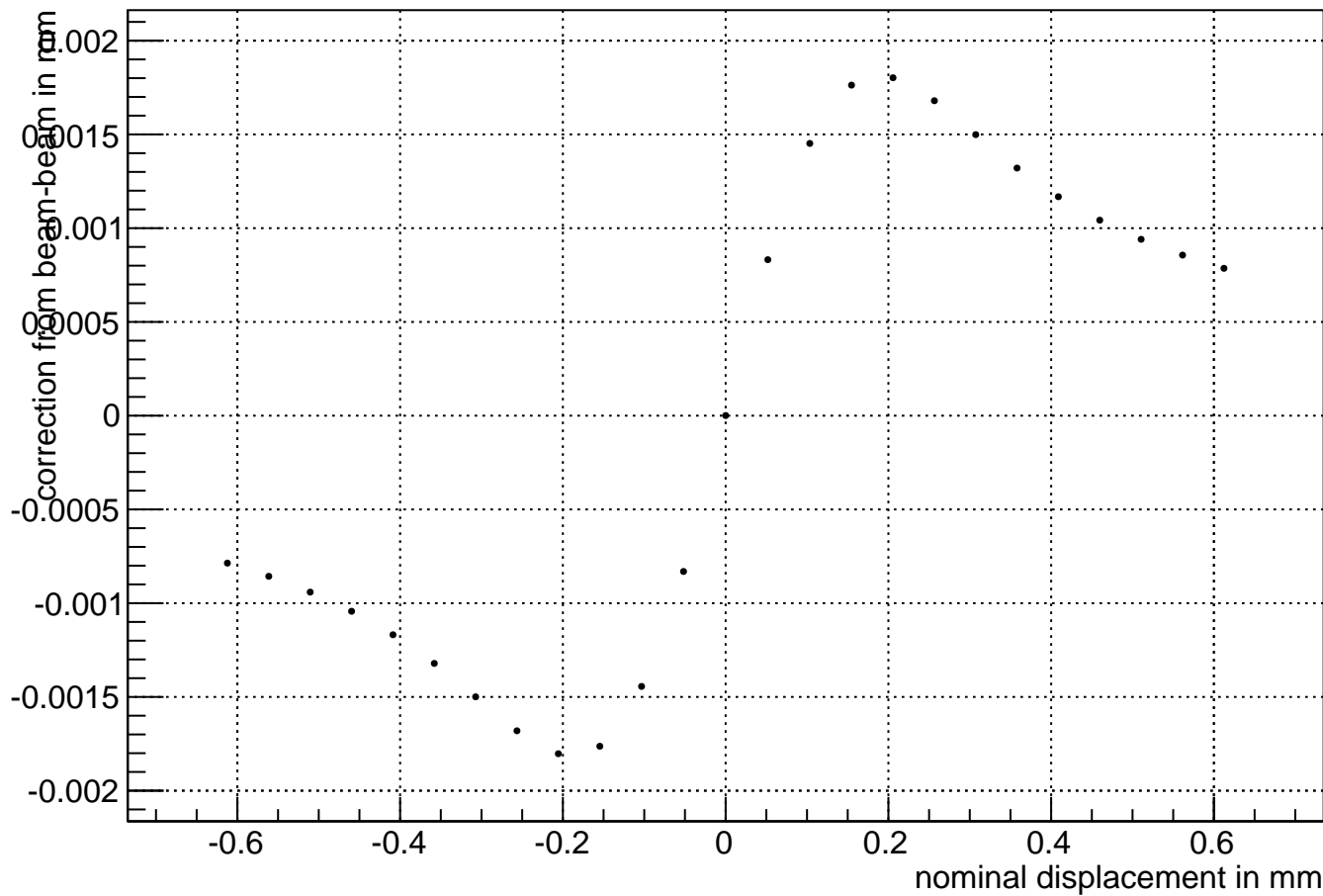
# BeamBeam correction for Y1\_1791



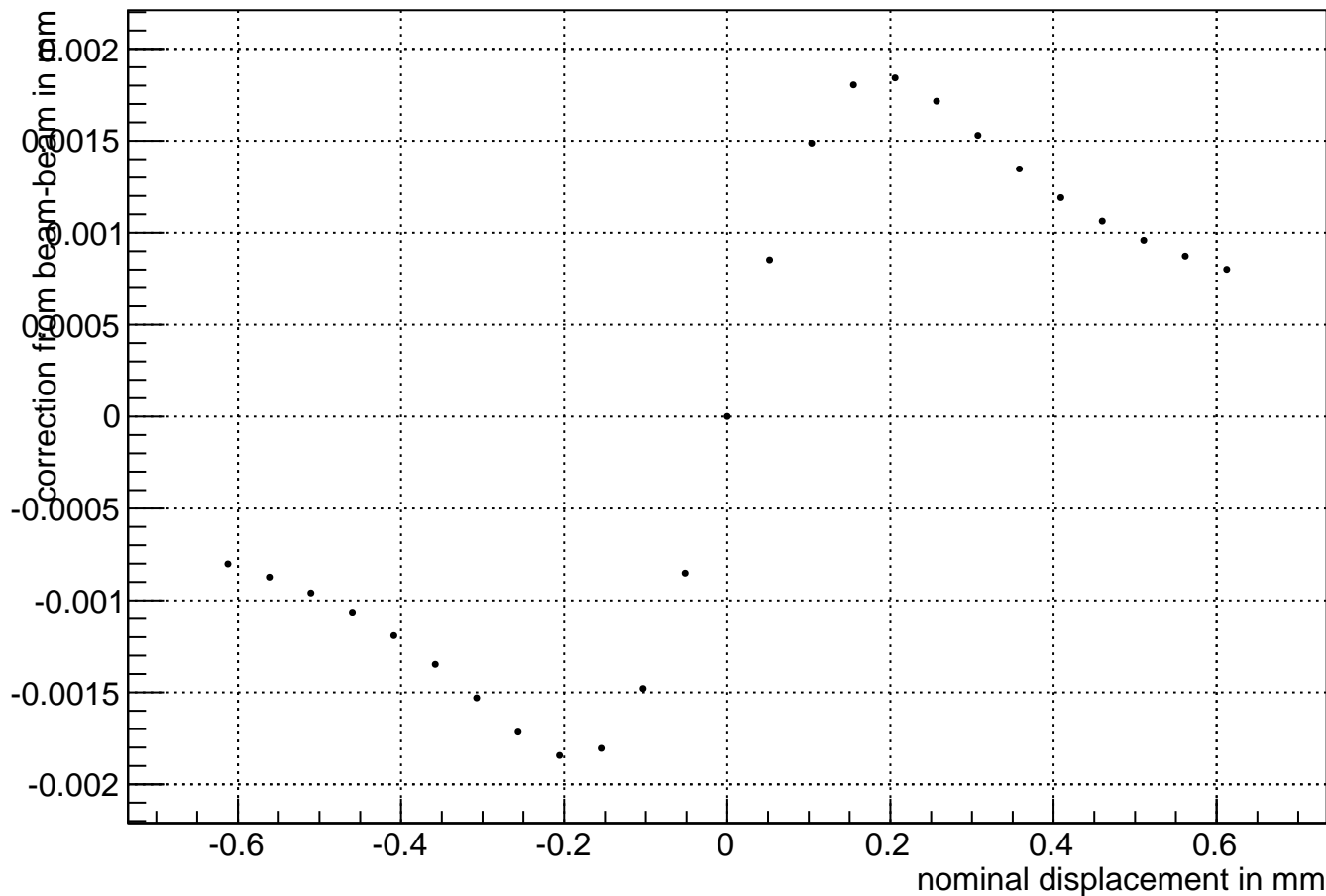
# BeamBeam correction for Y1\_1831



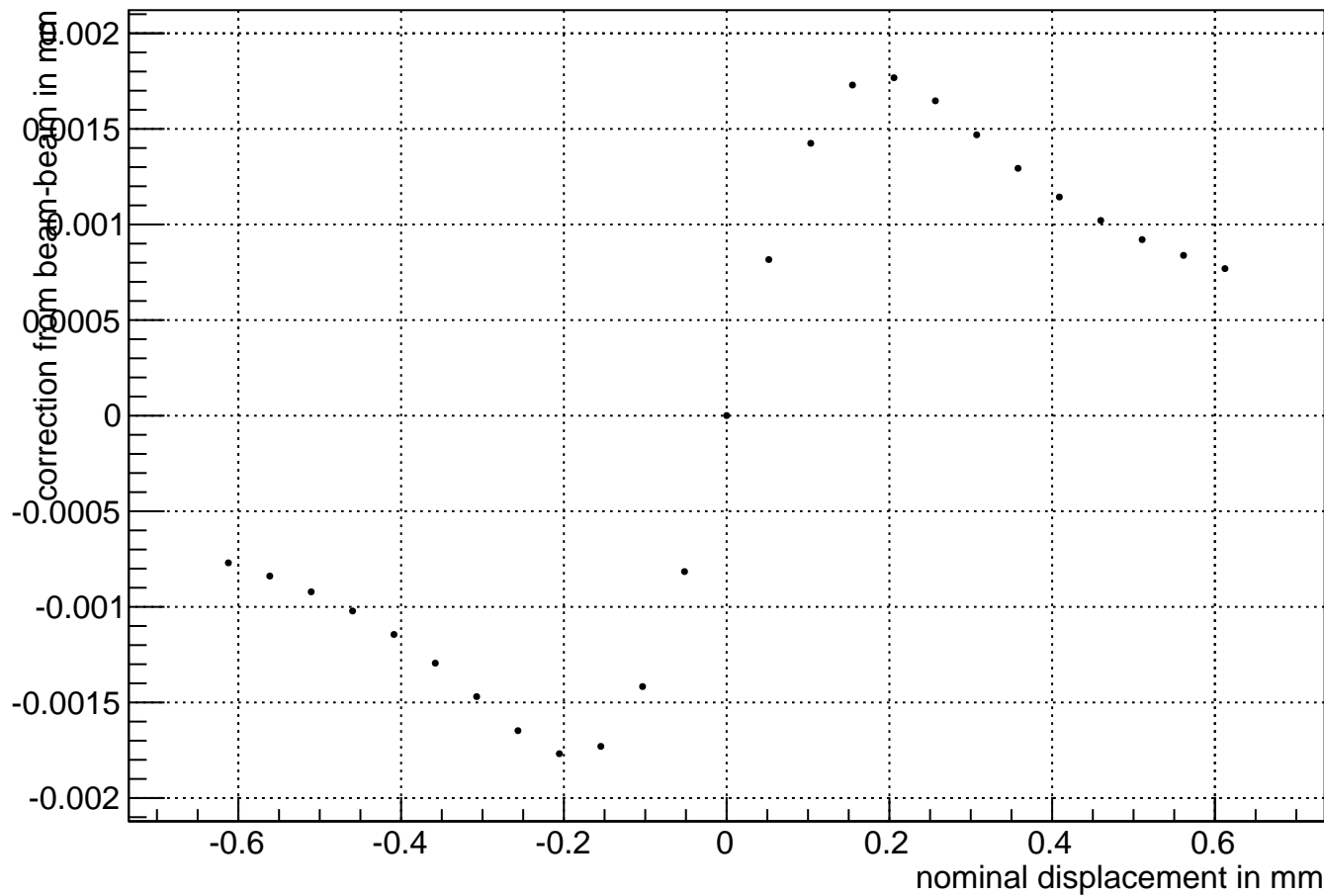
# BeamBeam correction for Y1\_1871



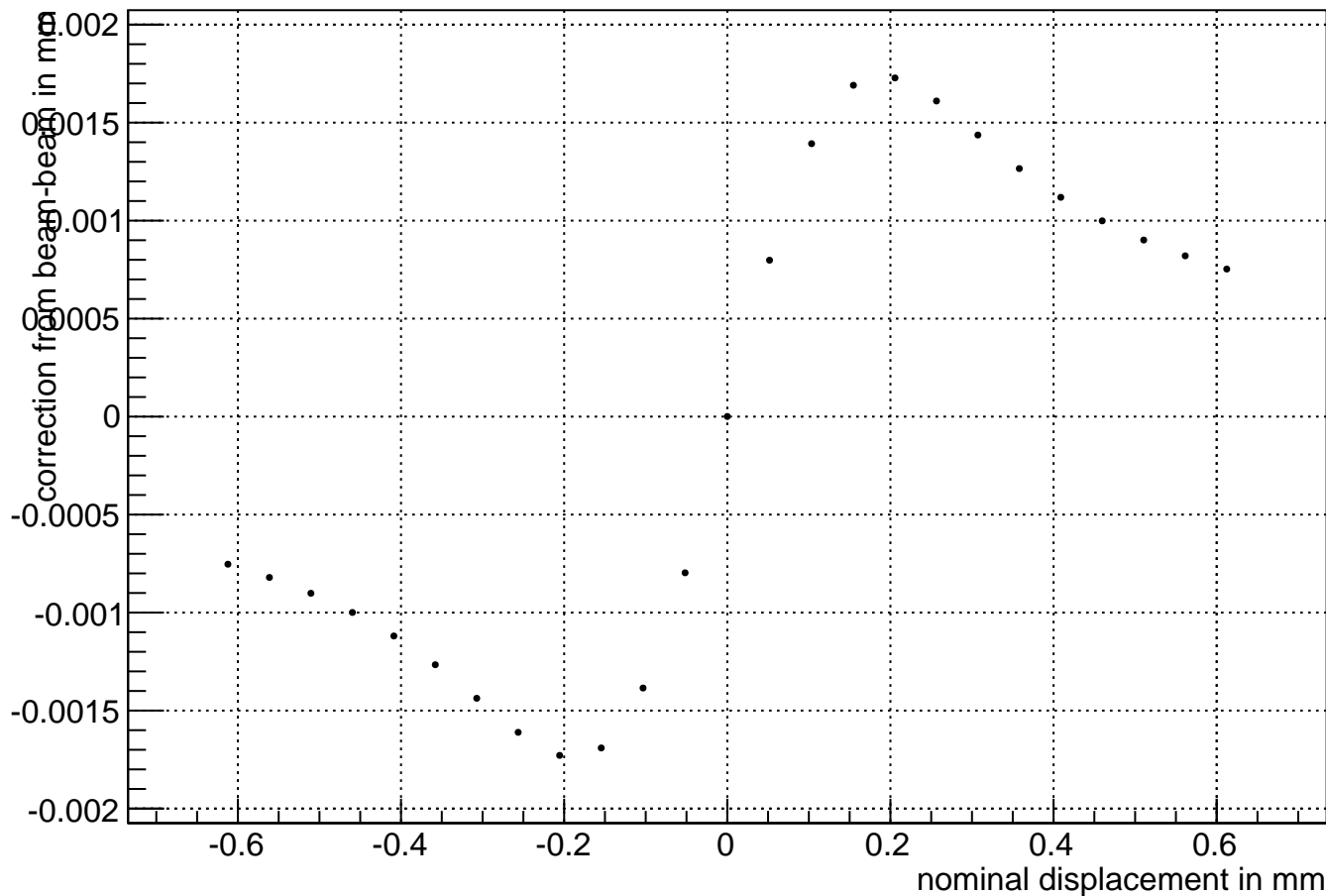
# BeamBeam correction for Y1\_2211



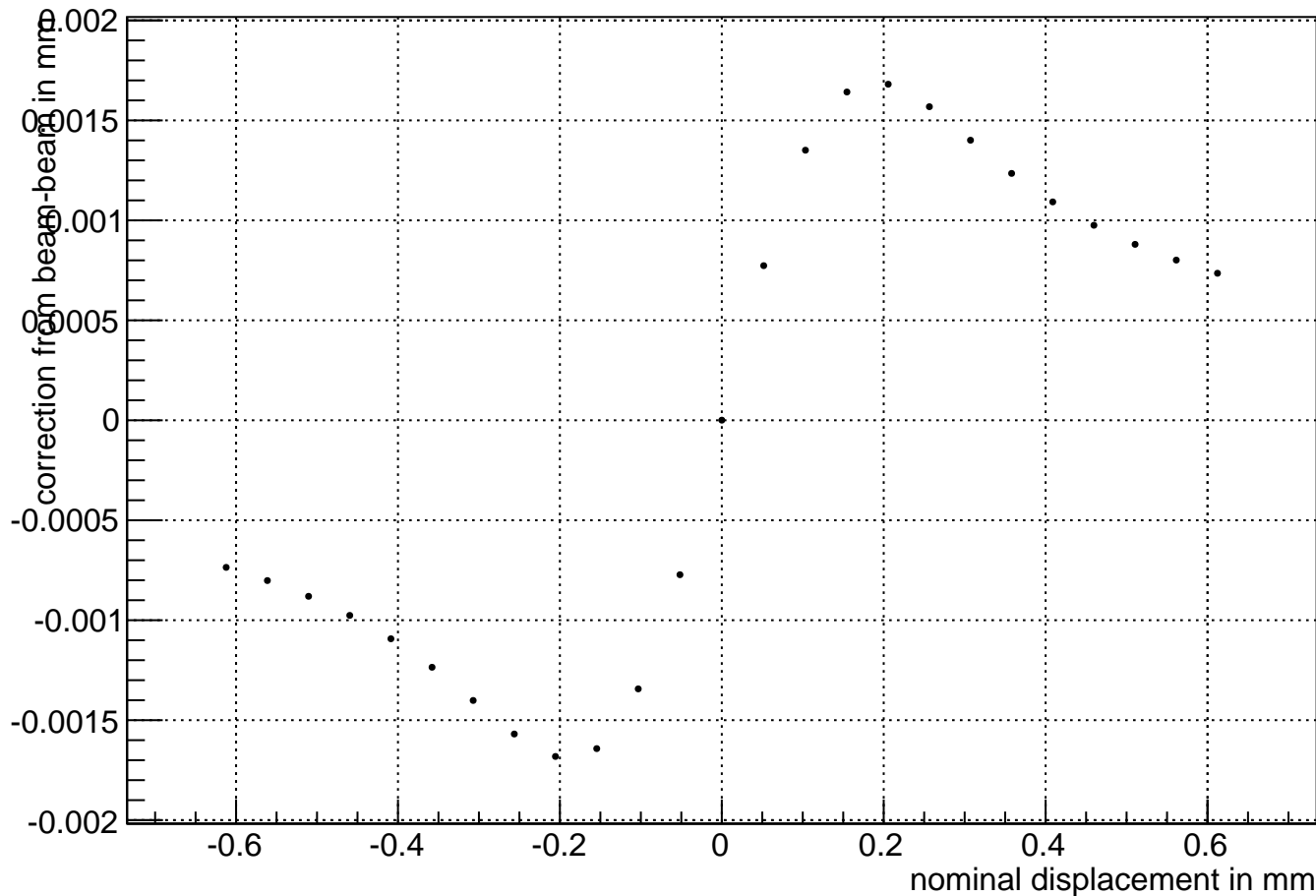
# BeamBeam correction for Y1\_2251



# BeamBeam correction for Y1\_2291

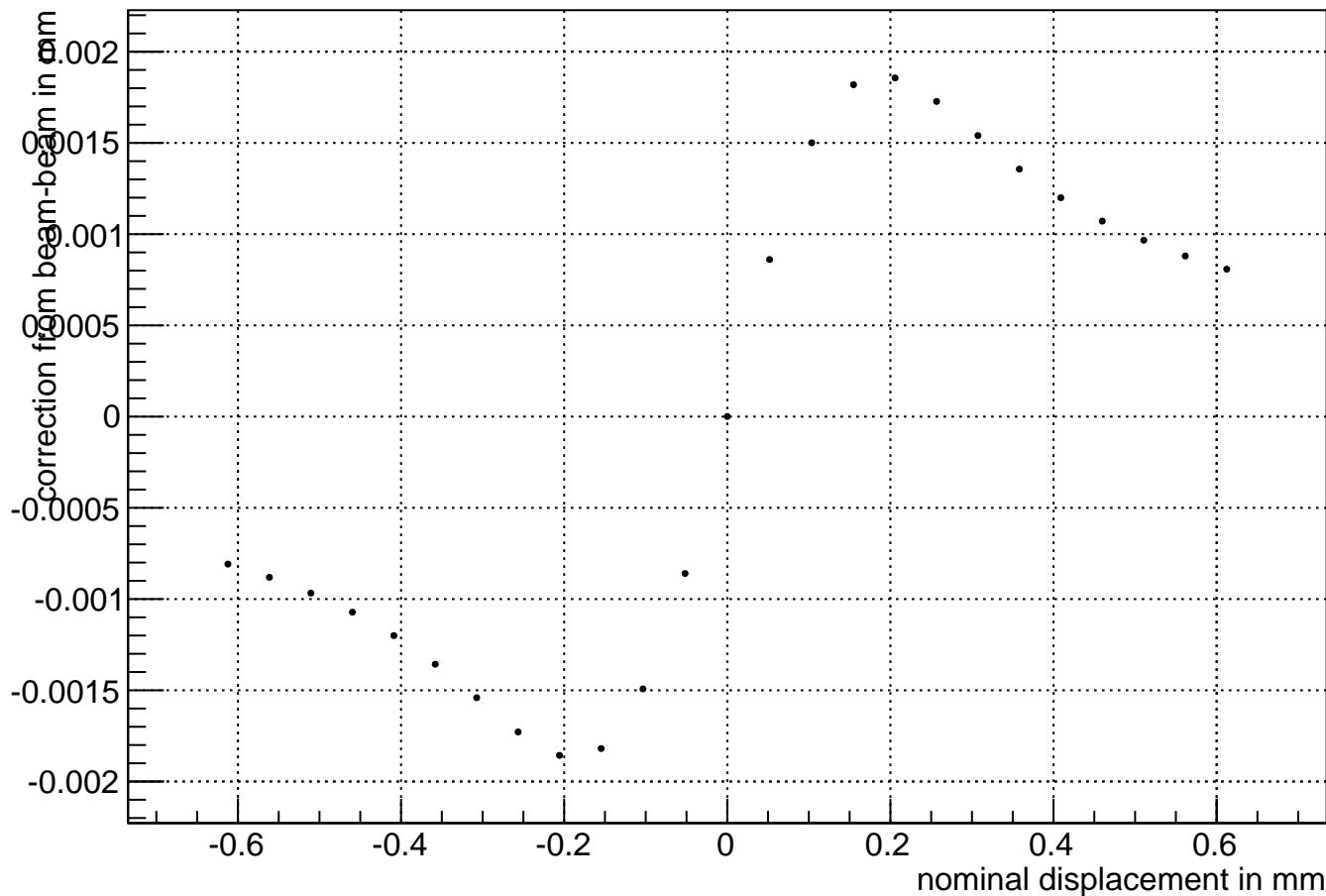


# BeamBeam correction for Y1\_2331

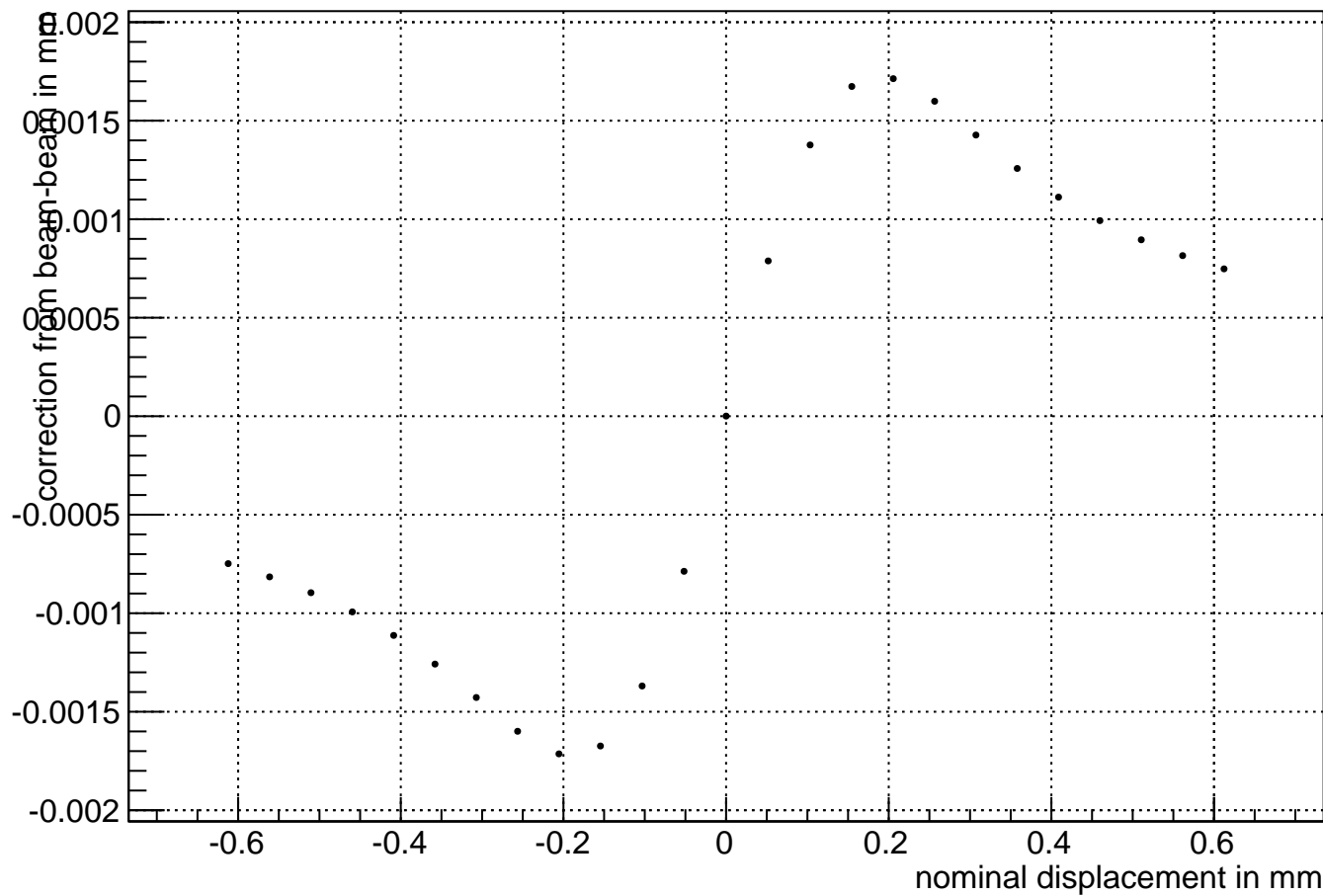




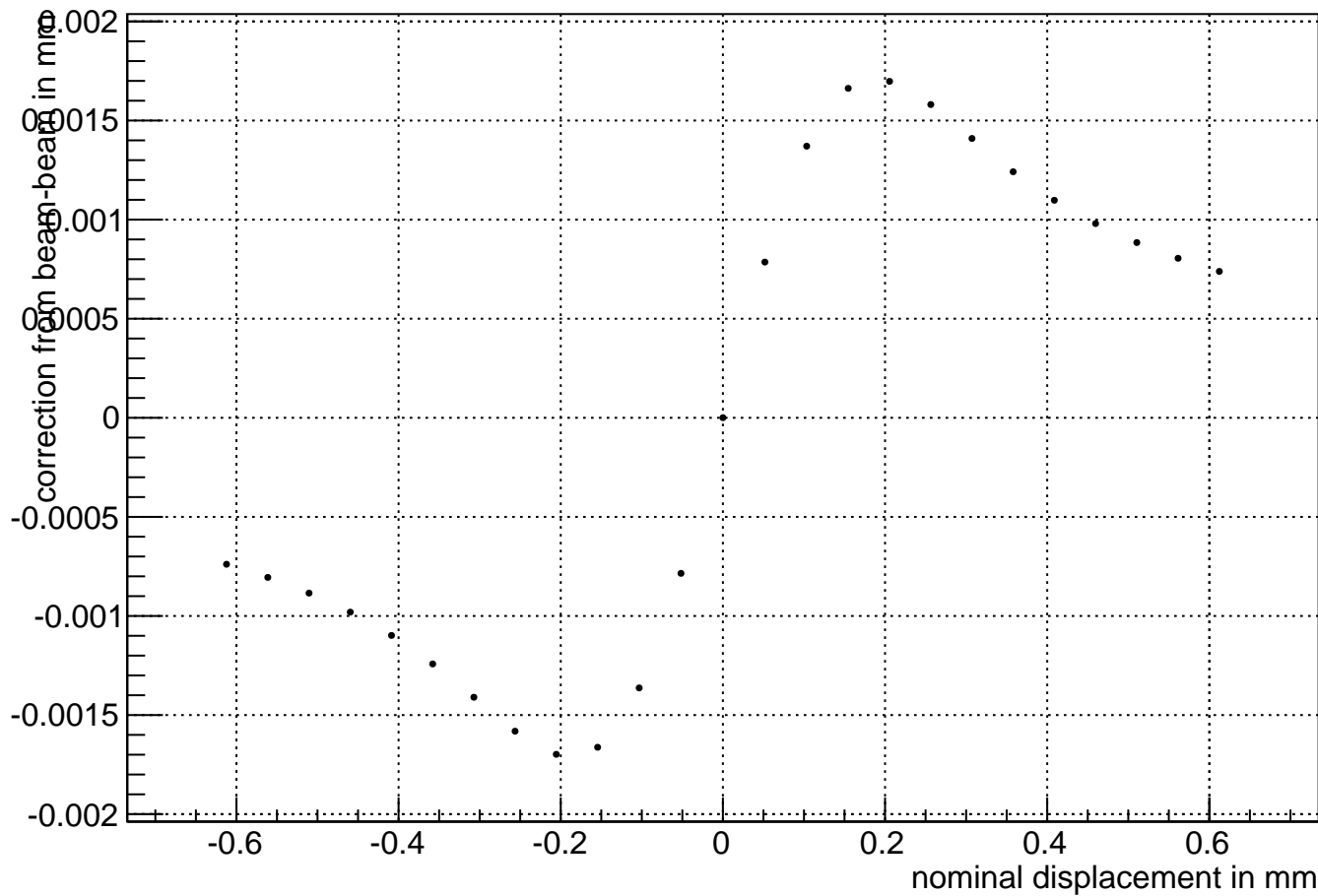
# BeamBeam correction for Y1\_2371



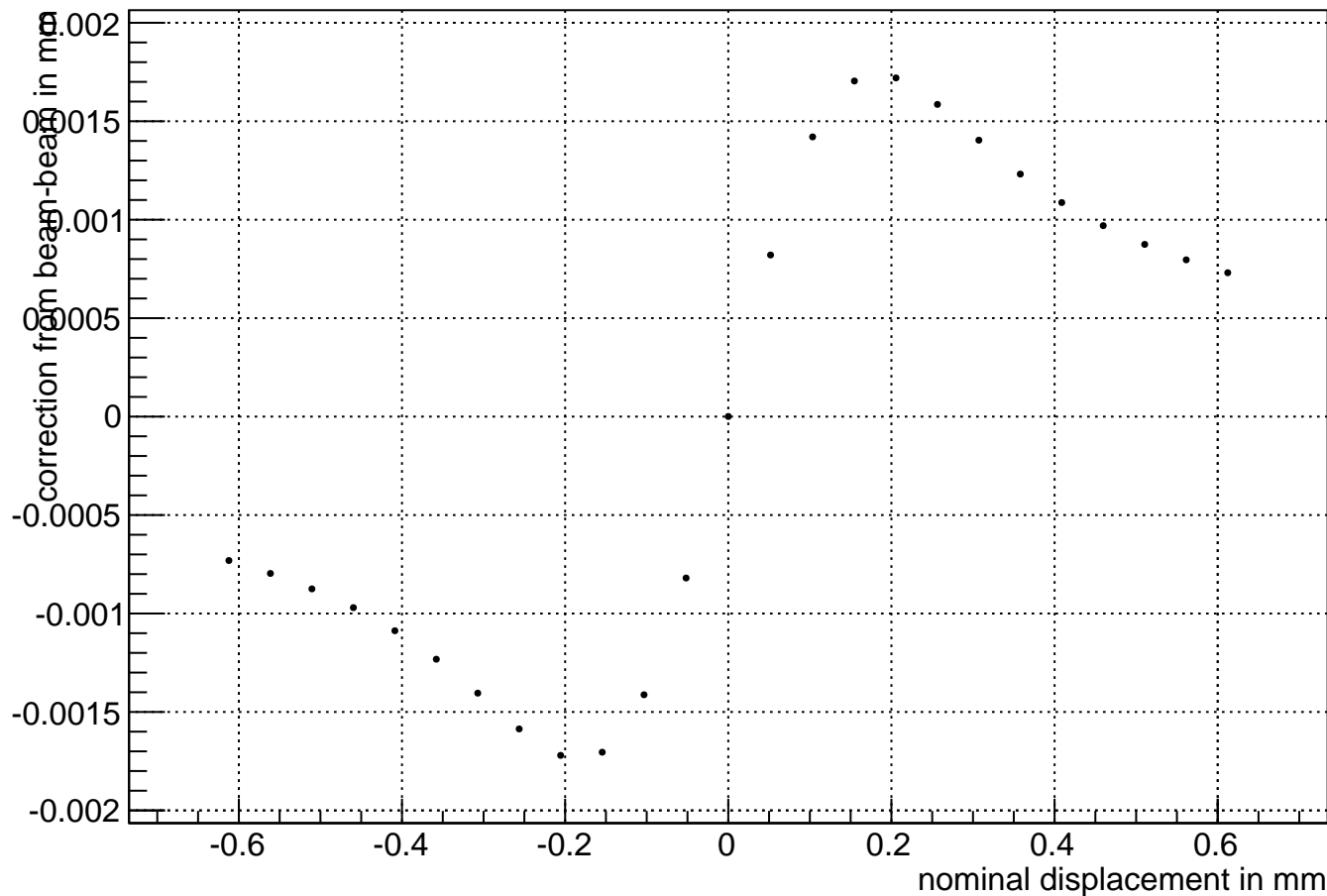
# BeamBeam correction for Y1\_2411



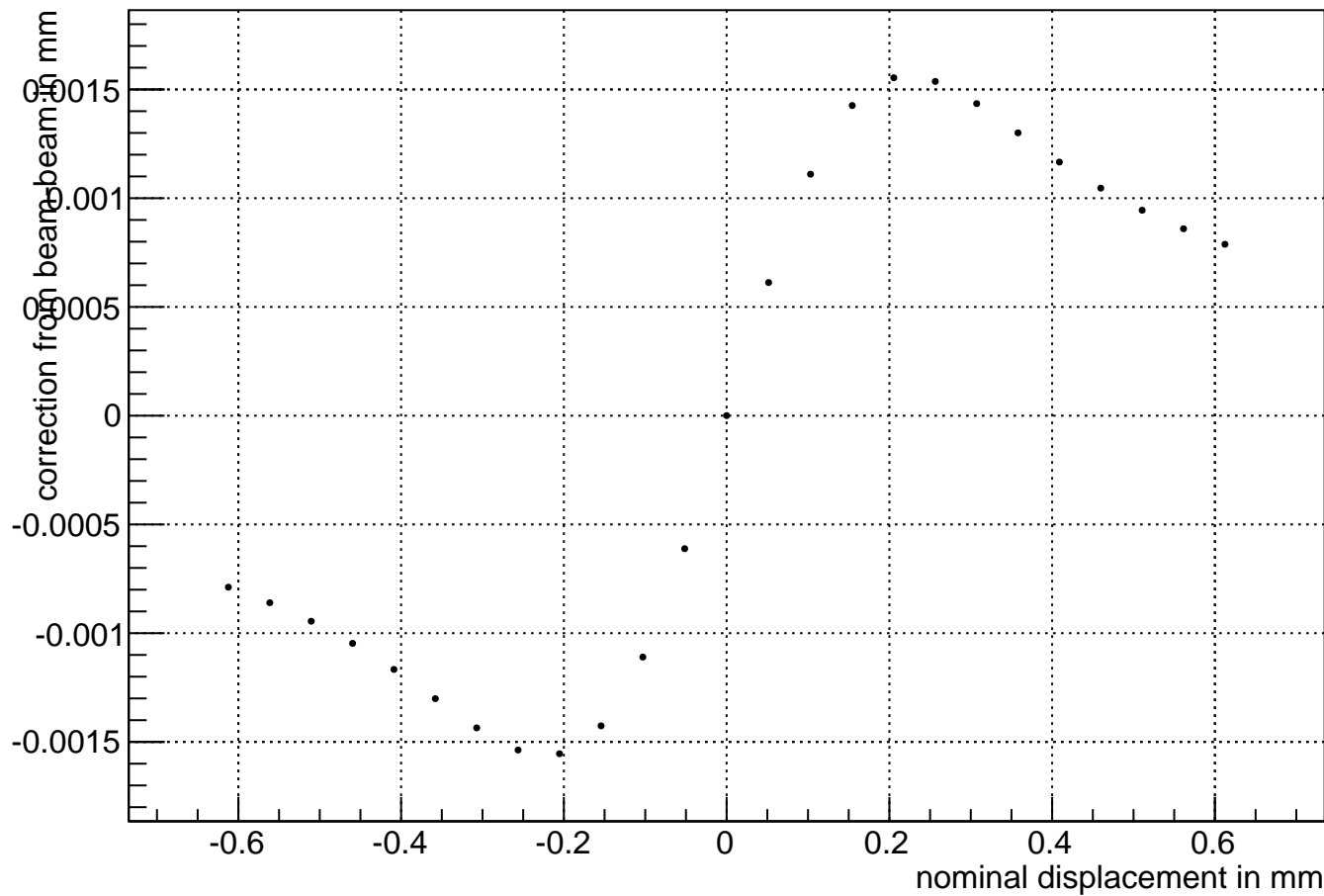
# BeamBeam correction for Y1\_2451



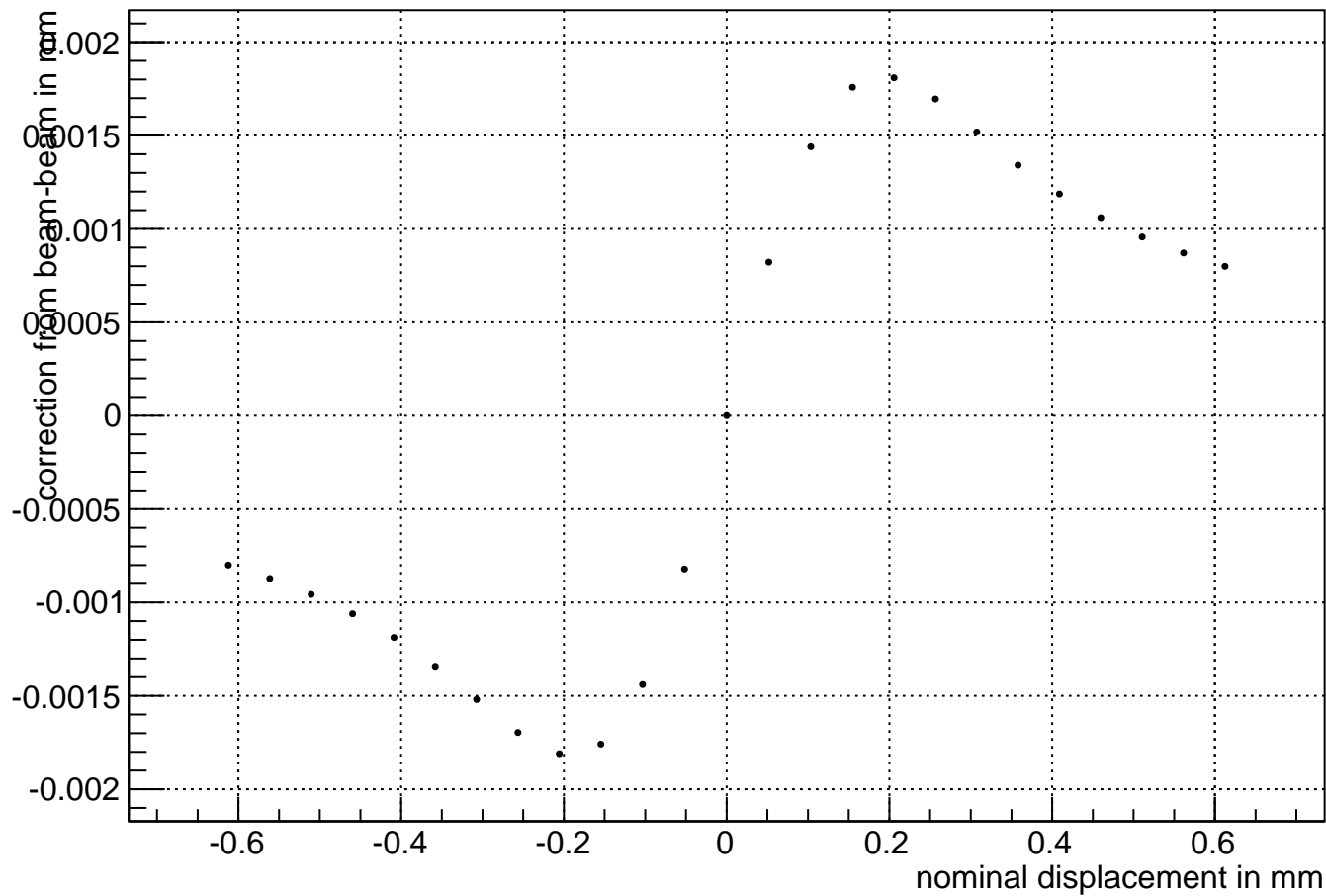
# BeamBeam correction for Y1\_2674



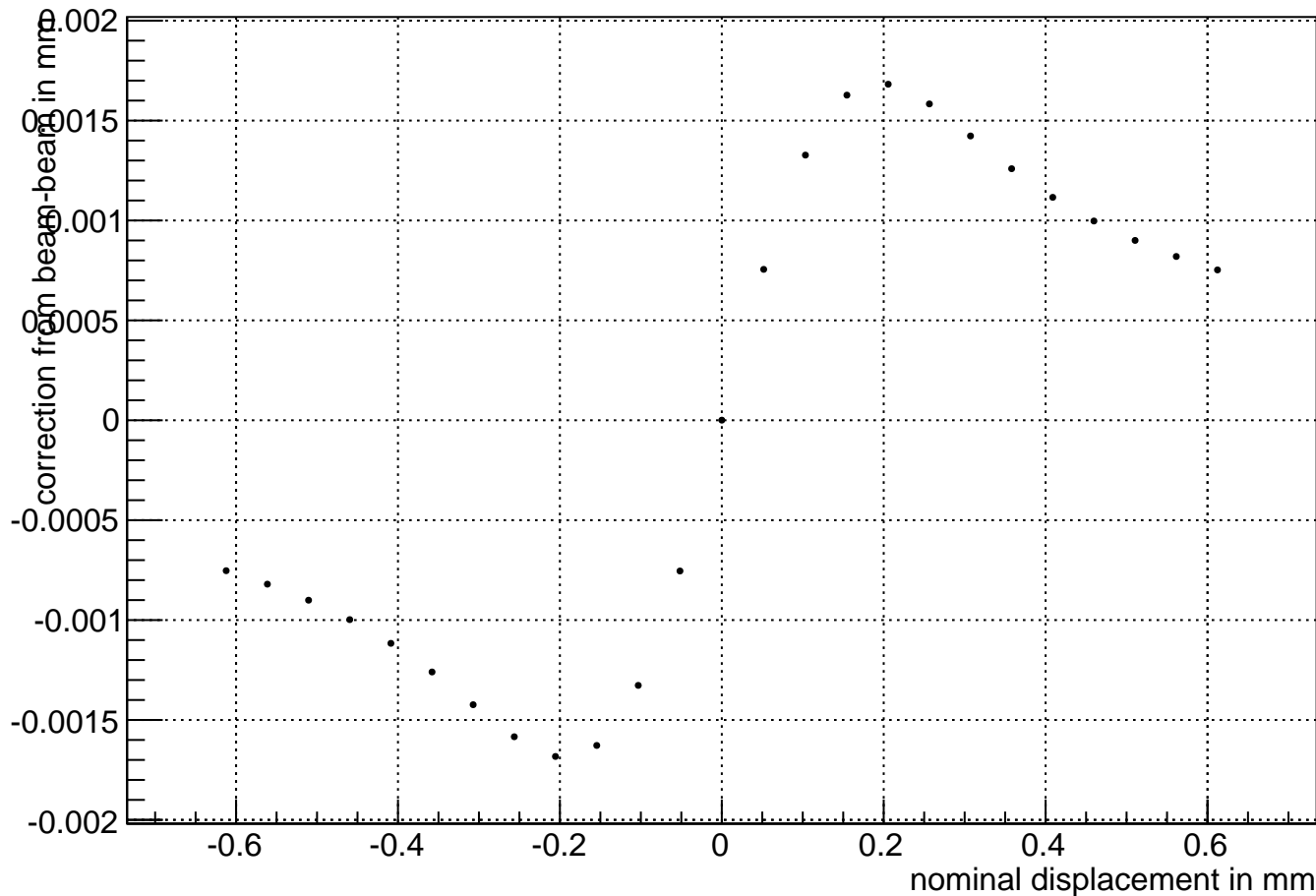
# BeamBeam correction for Y2\_1



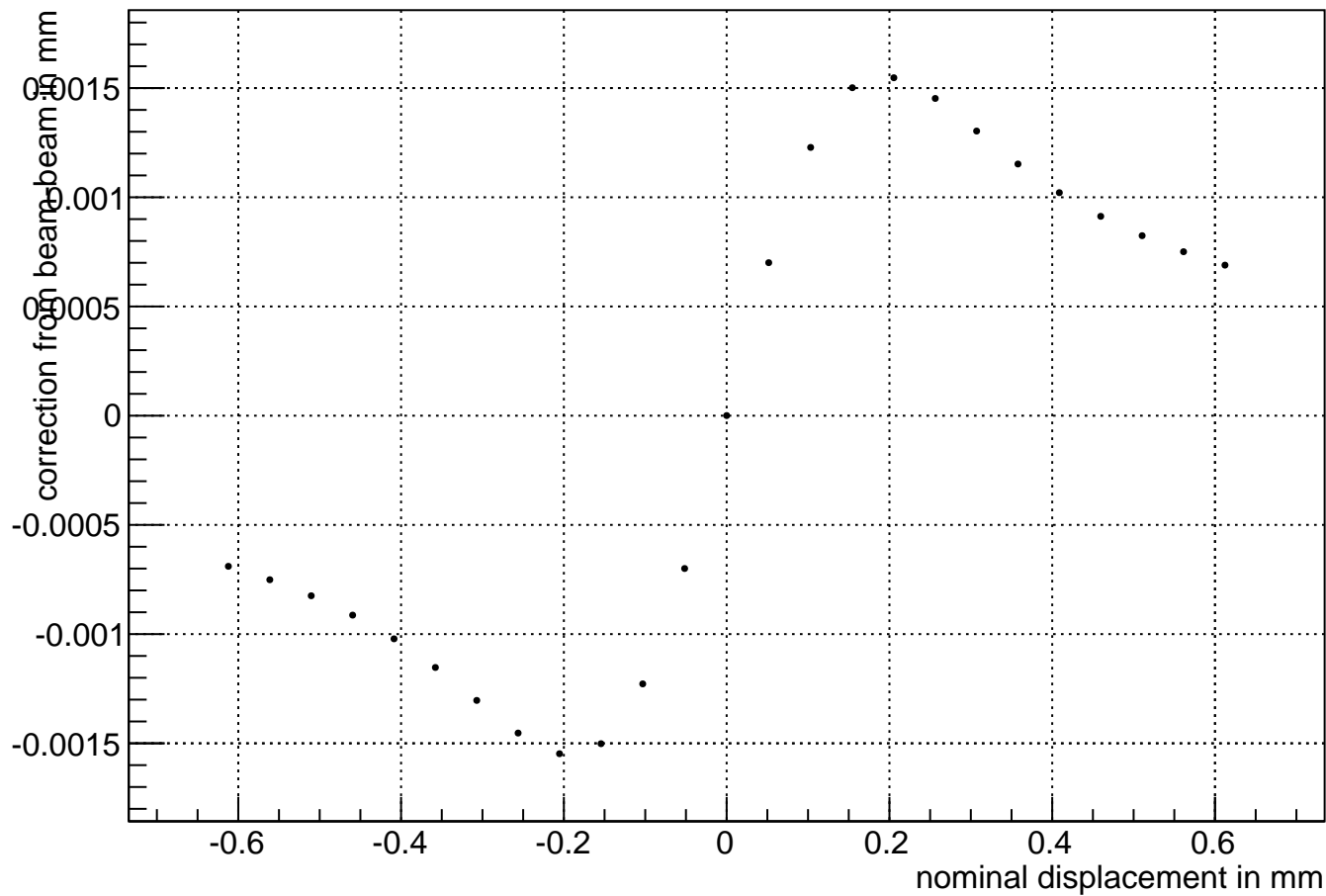
# BeamBeam correction for Y2\_51



# BeamBeam correction for Y2\_91

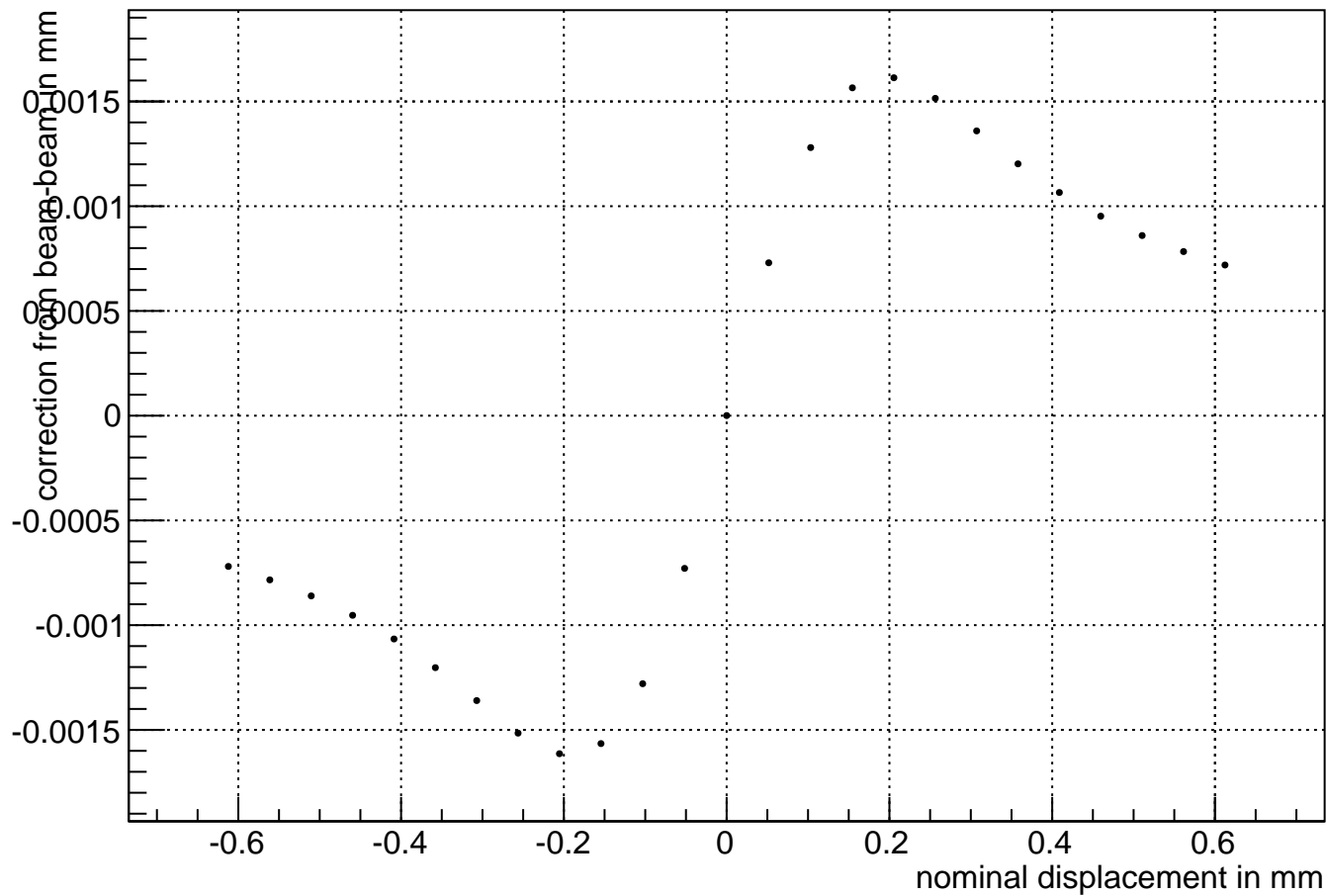


# BeamBeam correction for Y2\_131

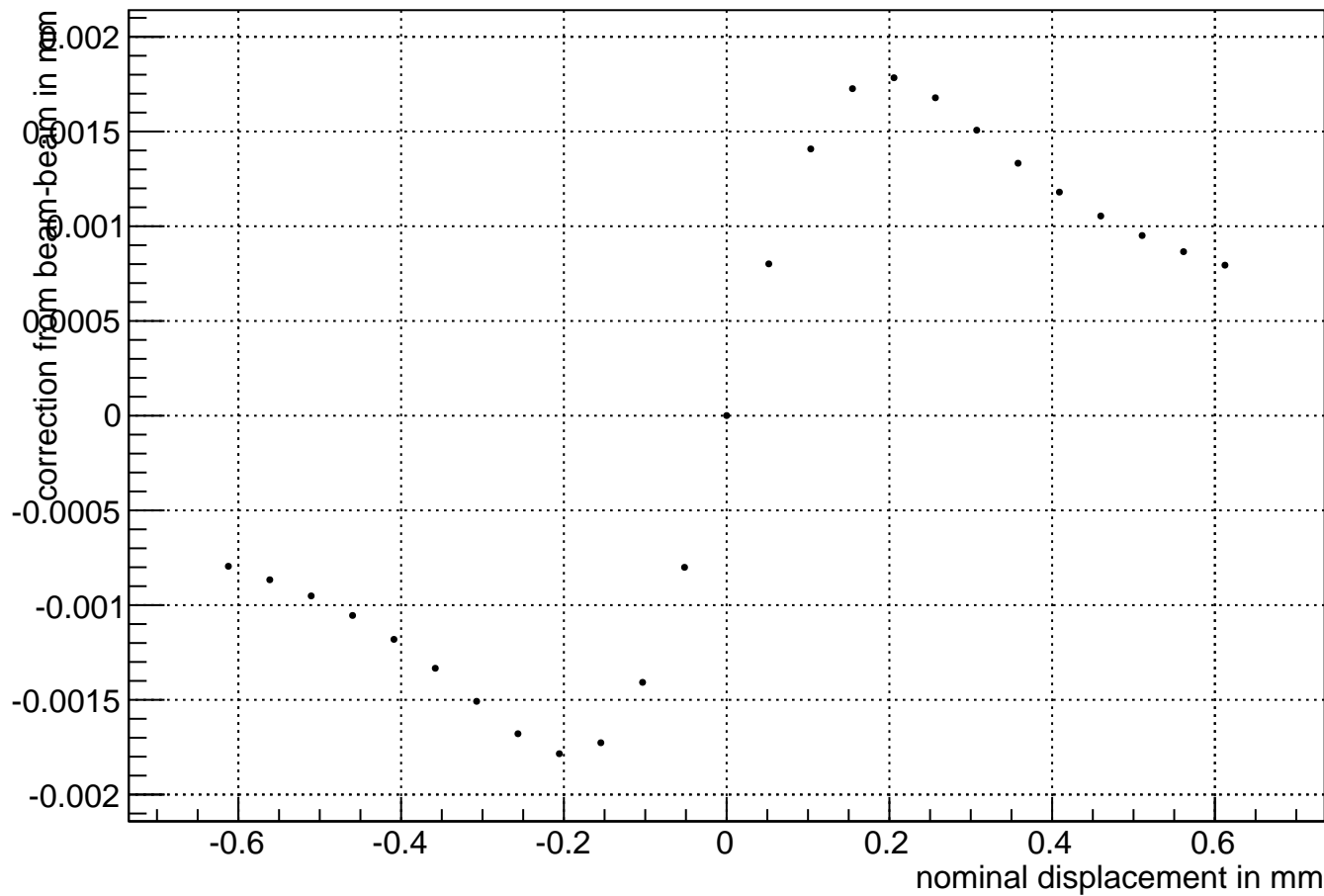




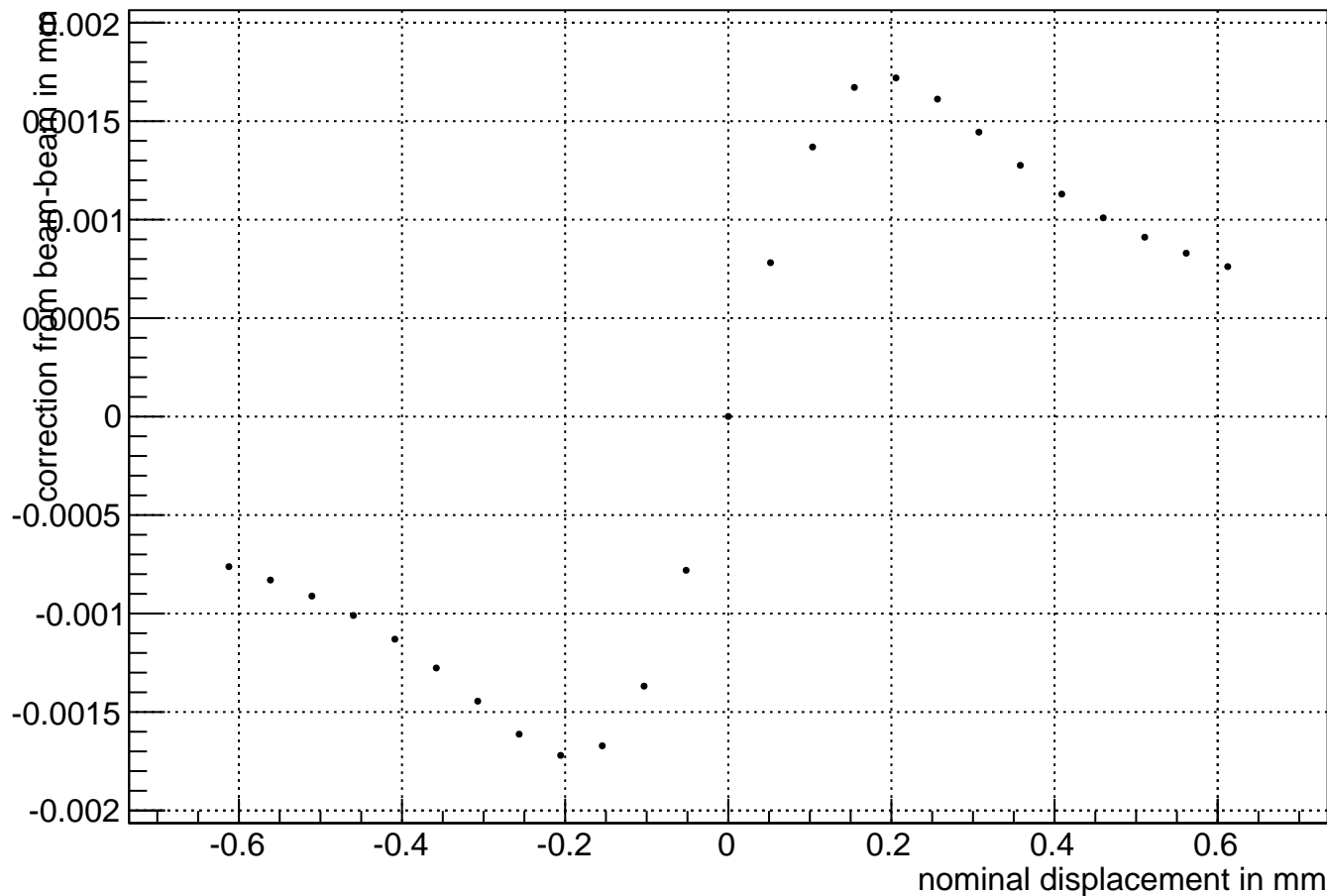
# BeamBeam correction for Y2\_171



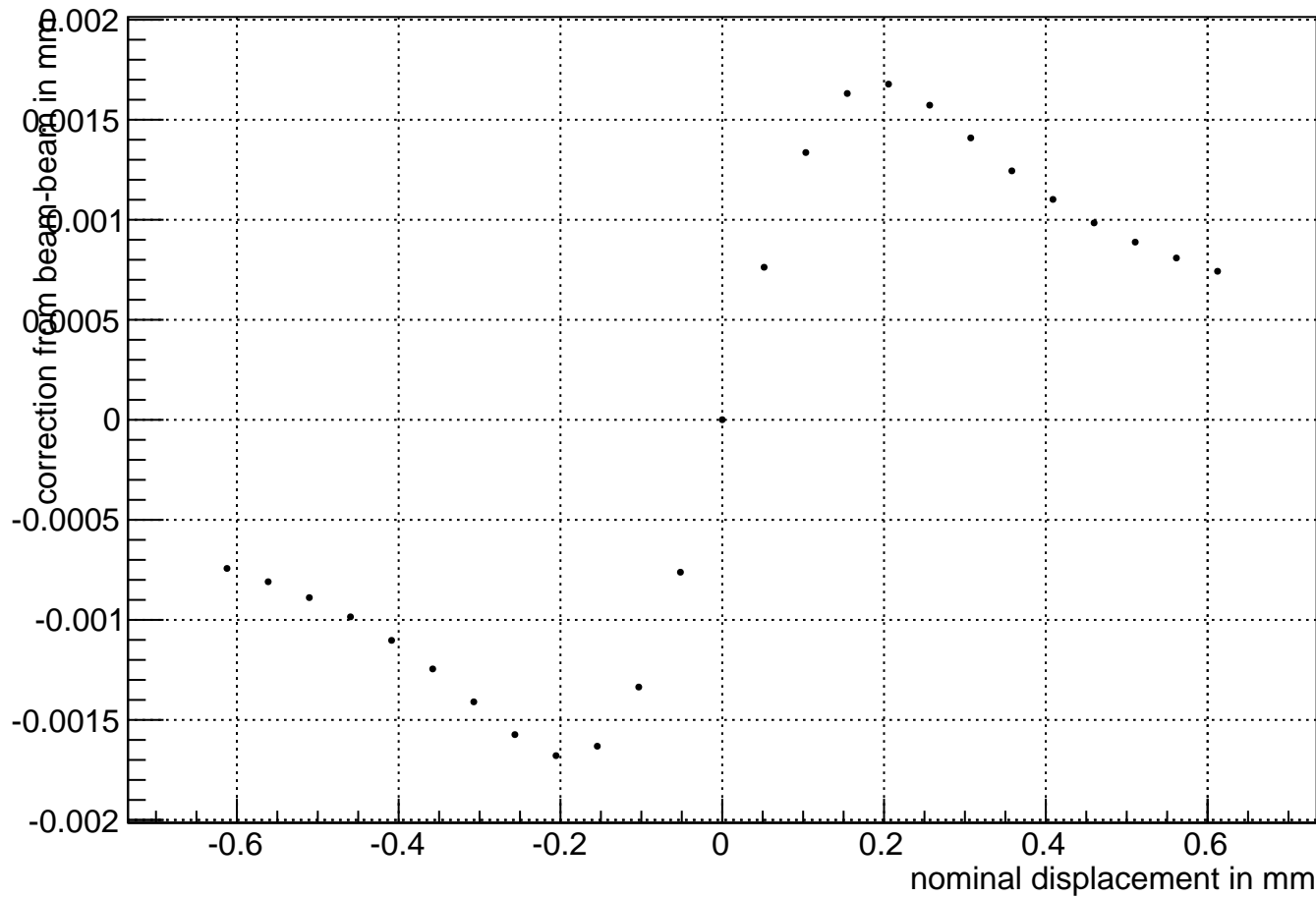
# BeamBeam correction for Y2\_211



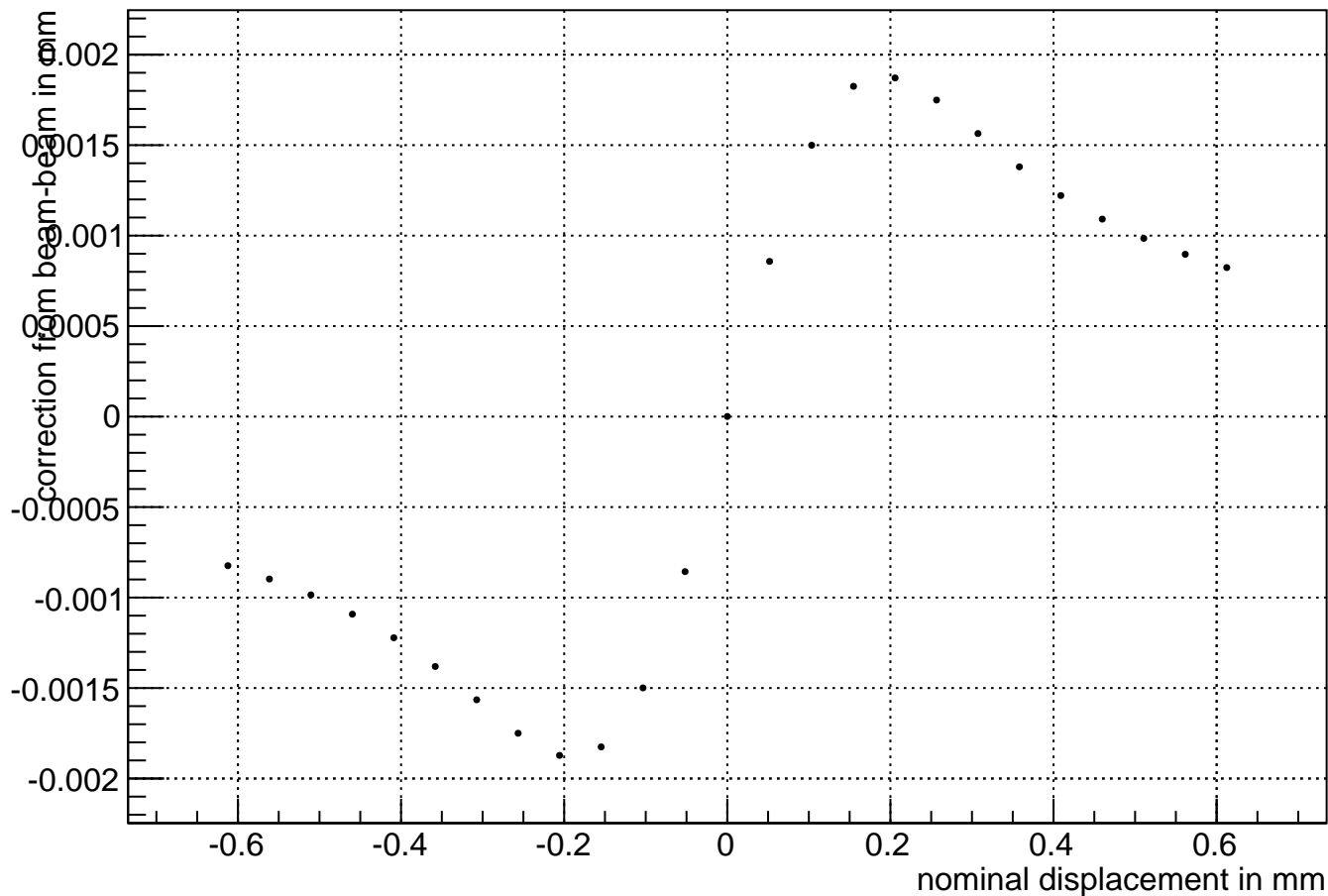
# BeamBeam correction for Y2\_251



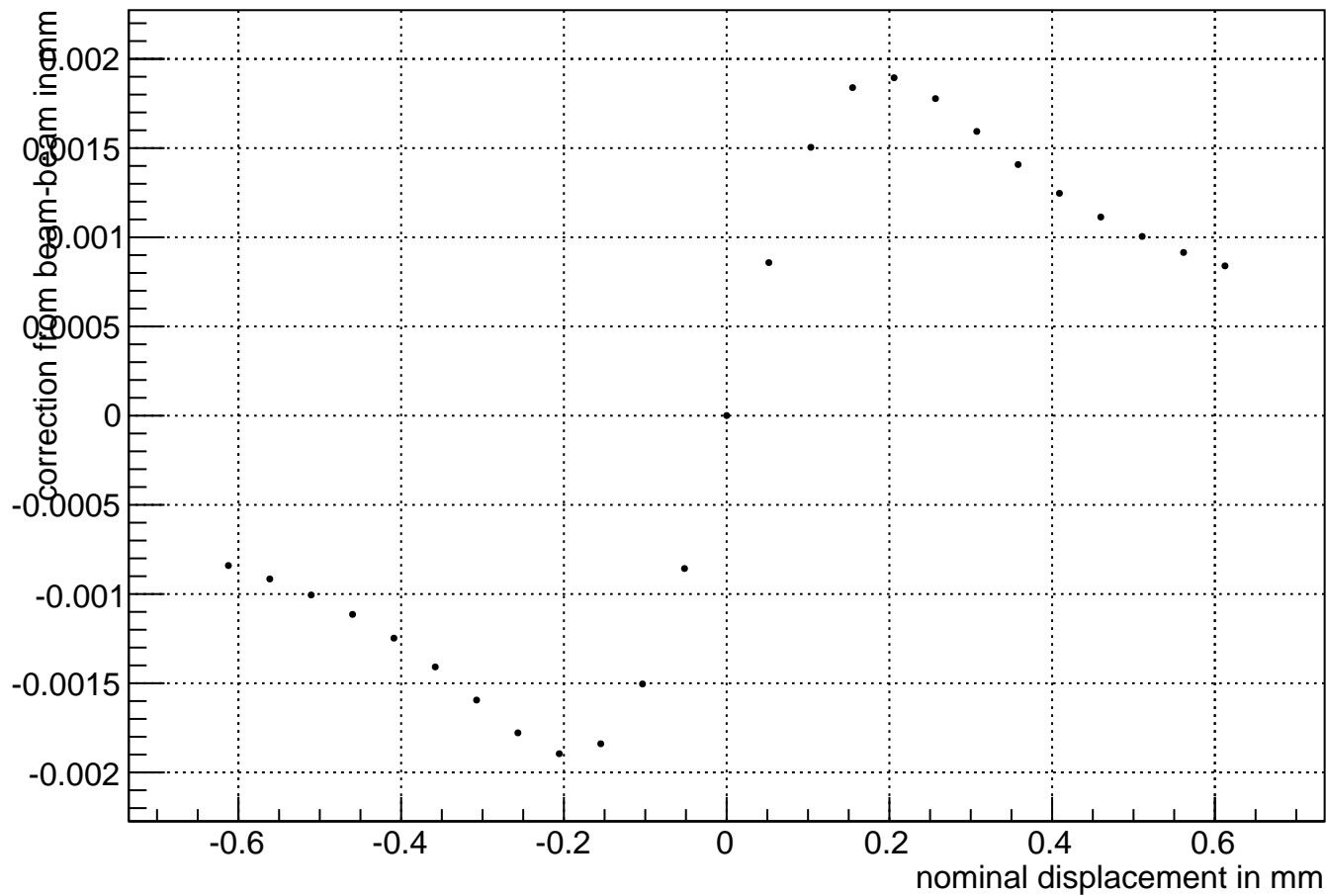
# BeamBeam correction for Y2\_291



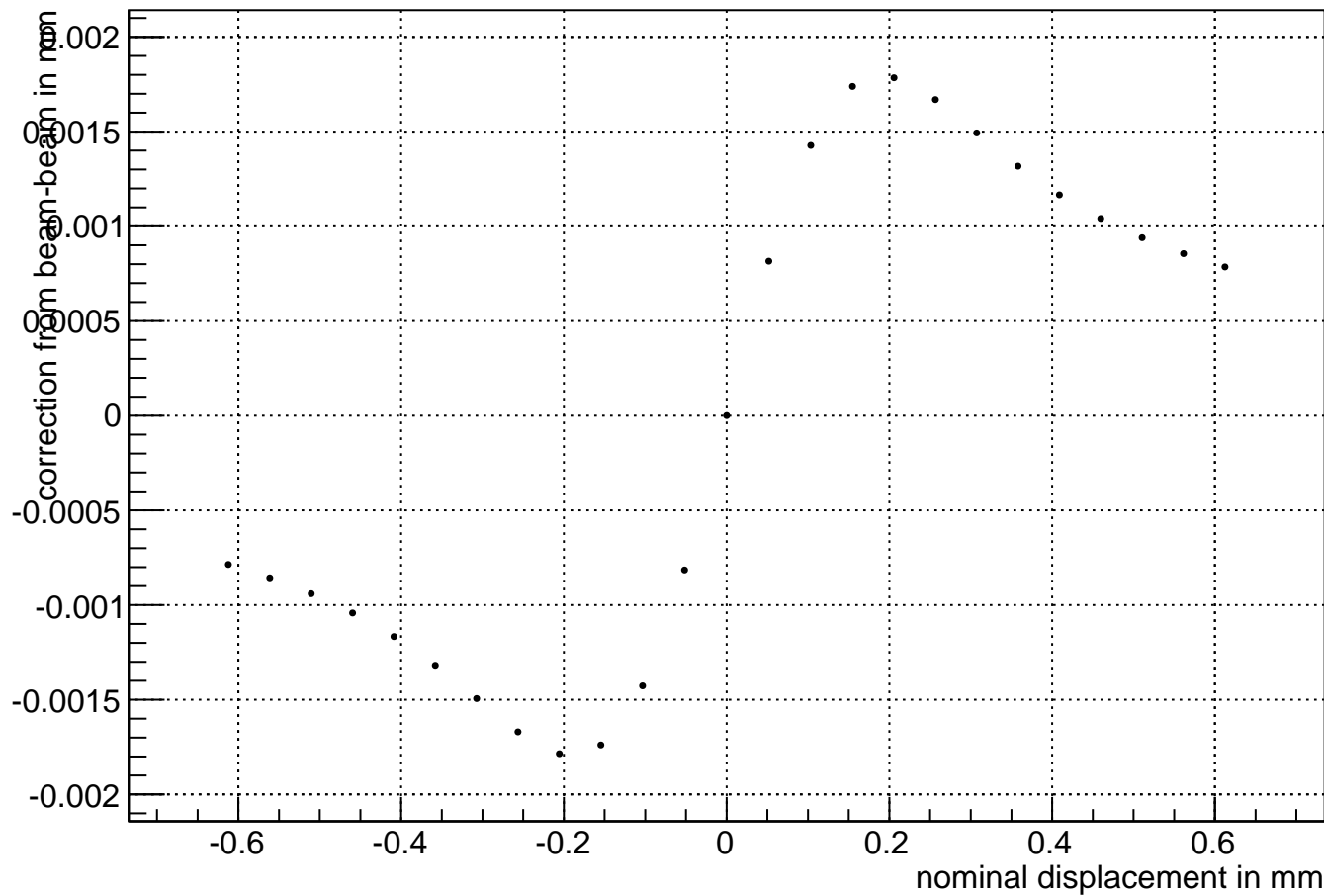
# BeamBeam correction for Y2\_771



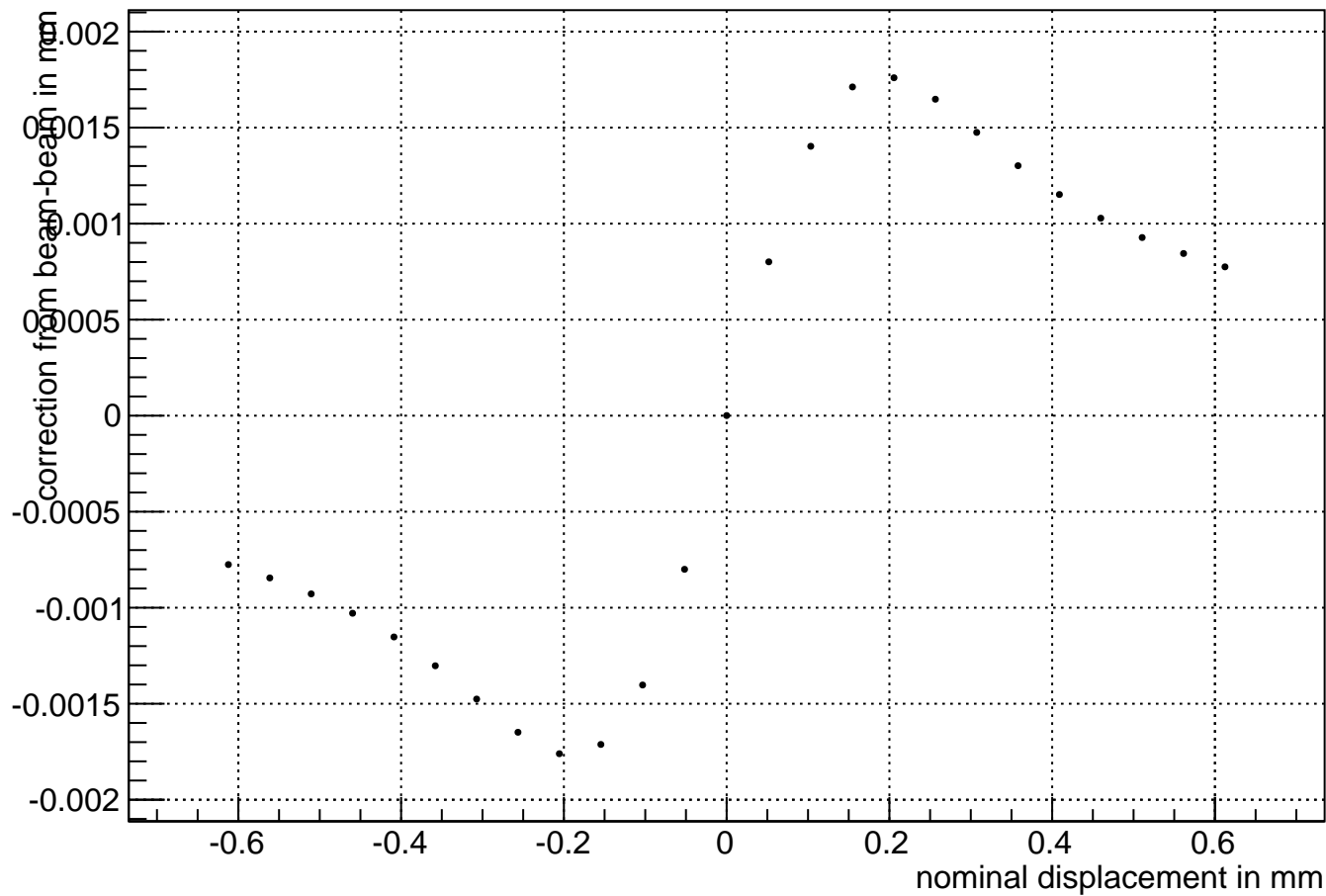
# BeamBeam correction for Y2\_811



# BeamBeam correction for Y2\_851

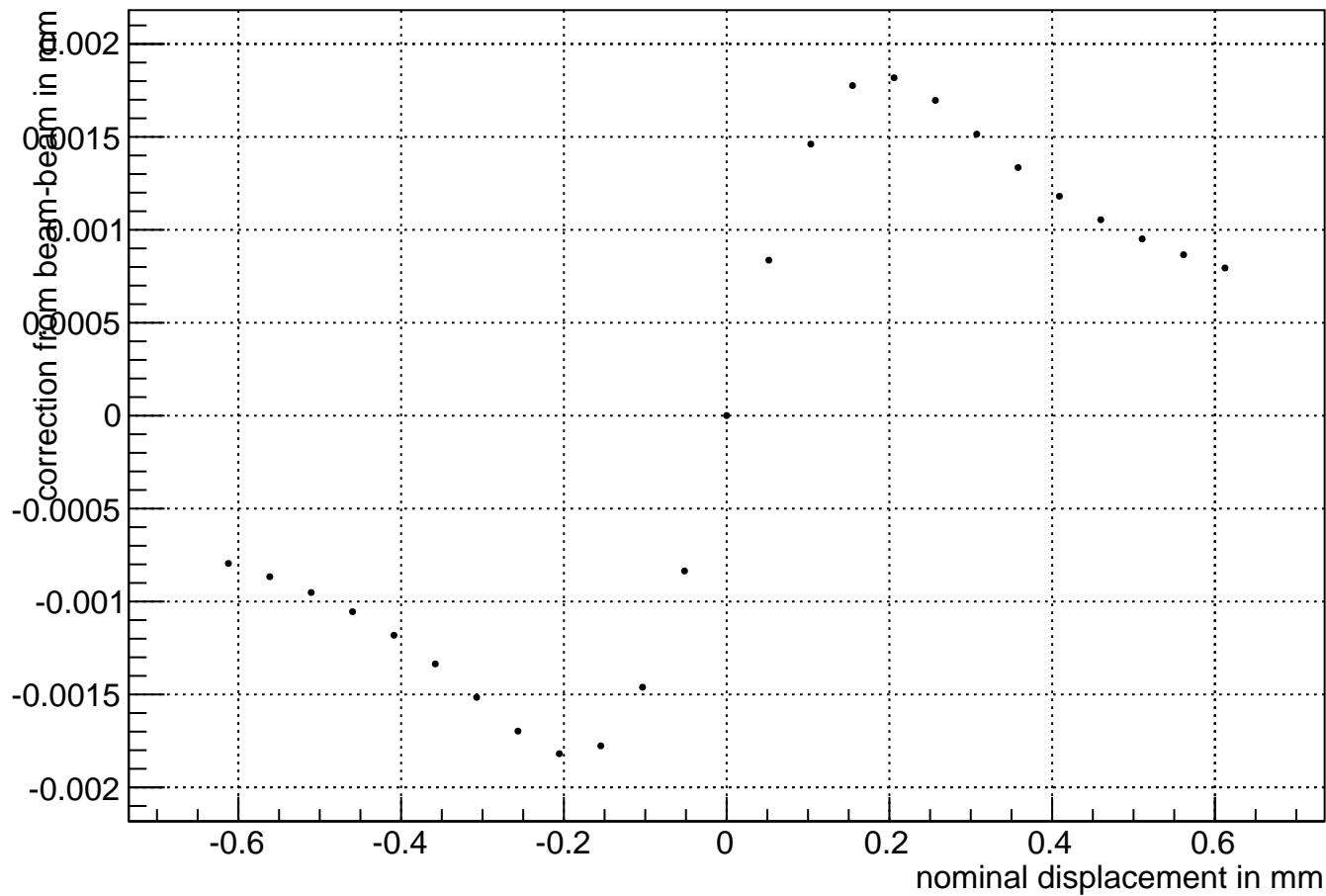


# BeamBeam correction for Y2\_891

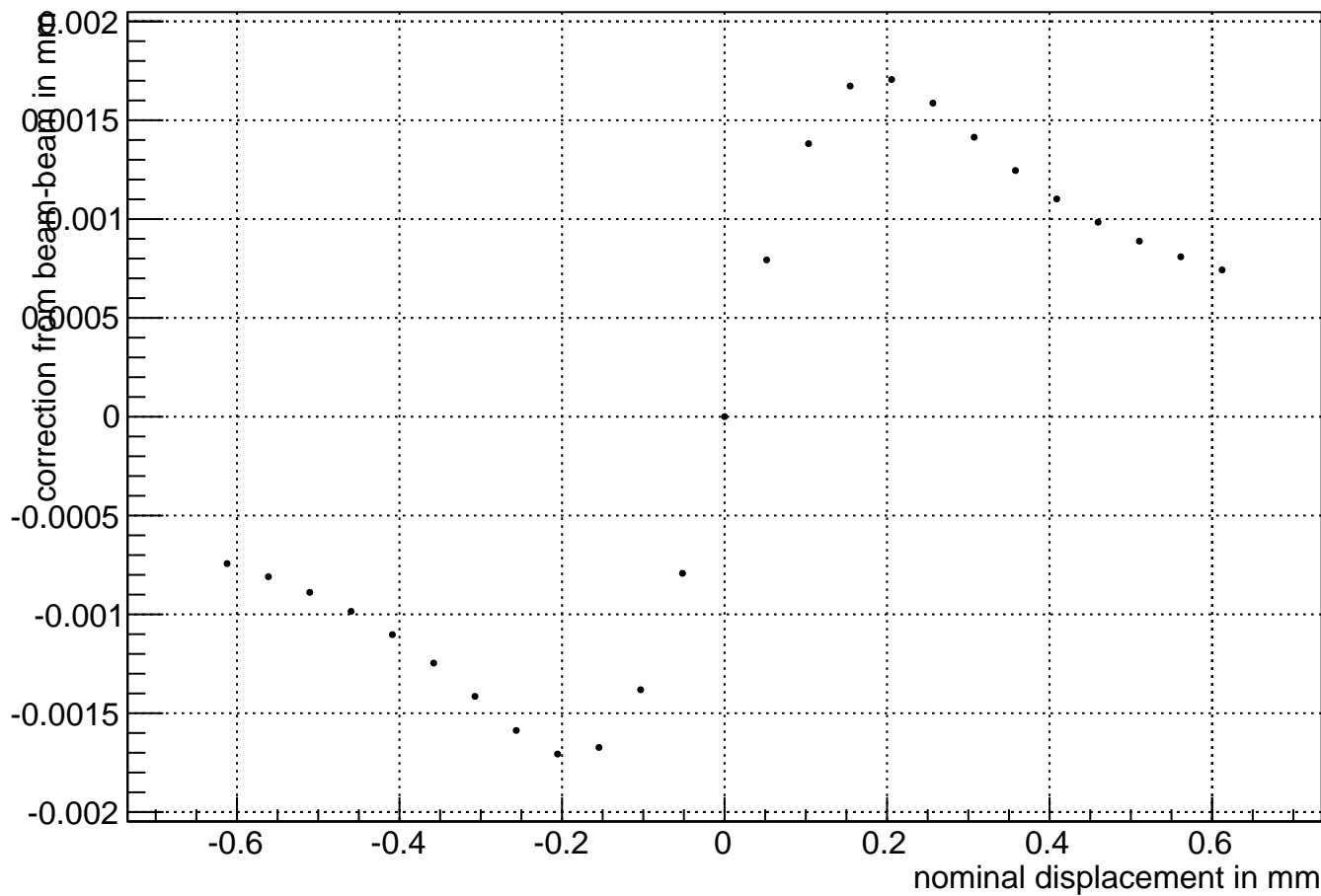




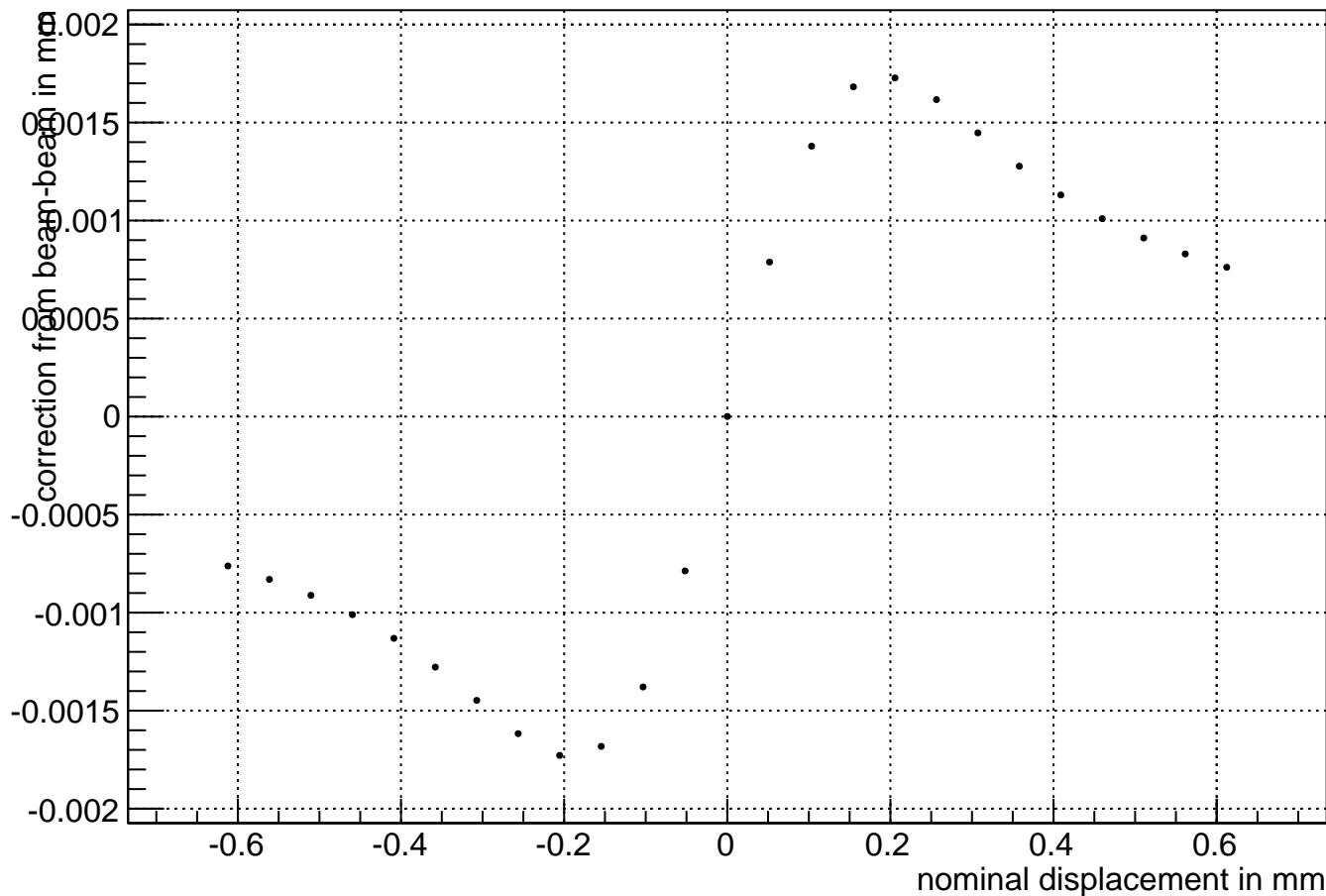
# BeamBeam correction for Y2\_931



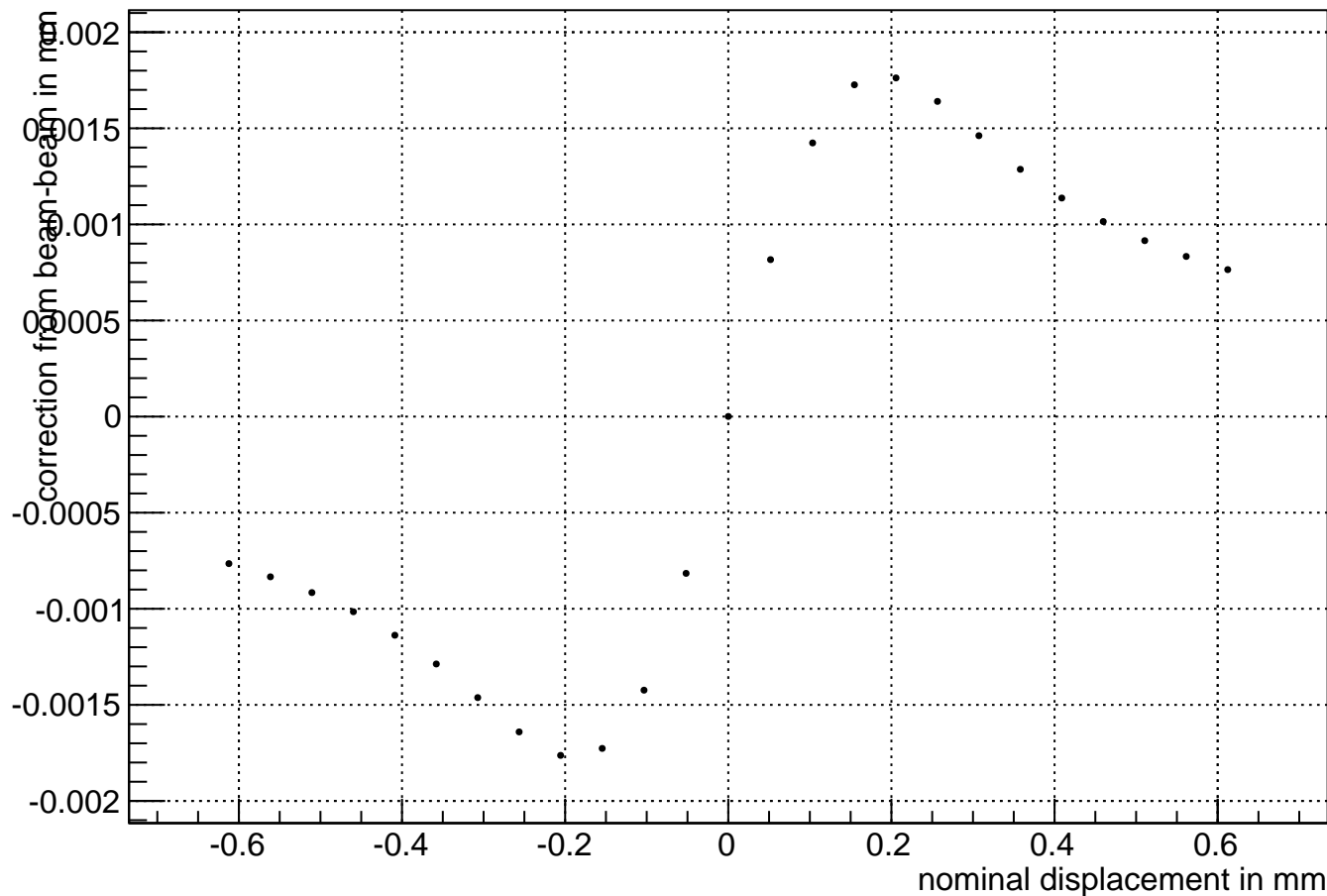
# BeamBeam correction for Y2\_971



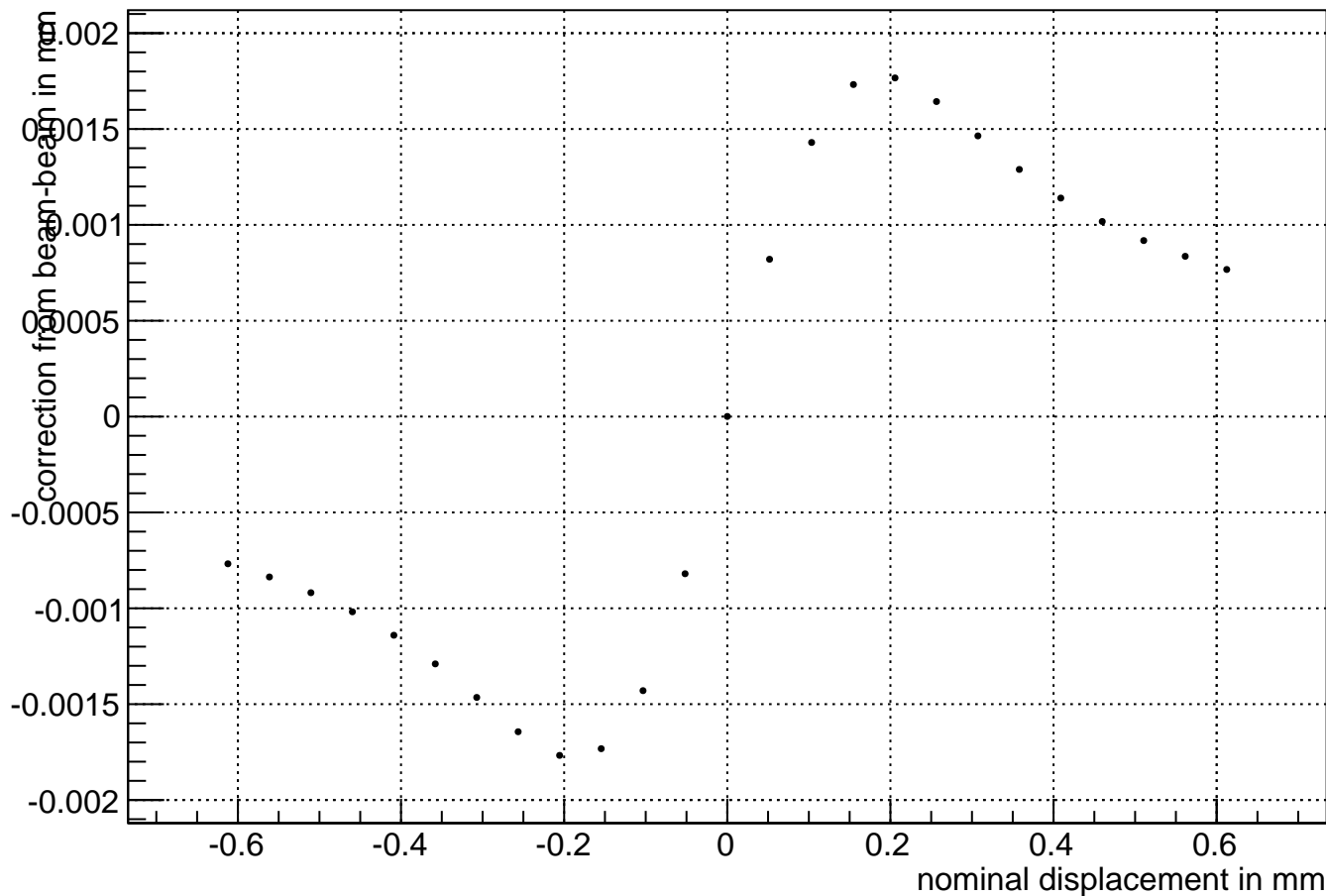
# BeamBeam correction for Y2\_1011



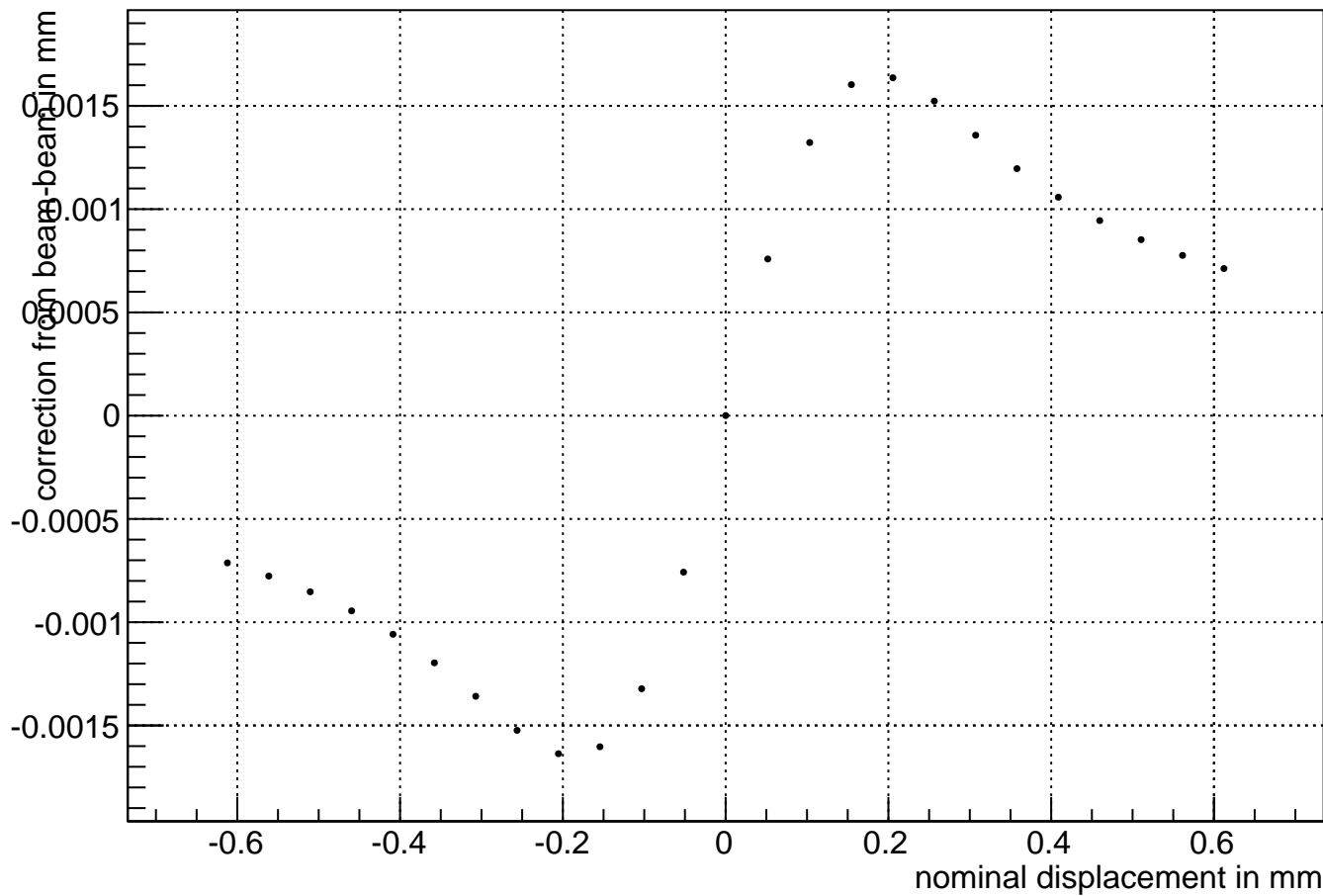
# BeamBeam correction for Y2\_1631



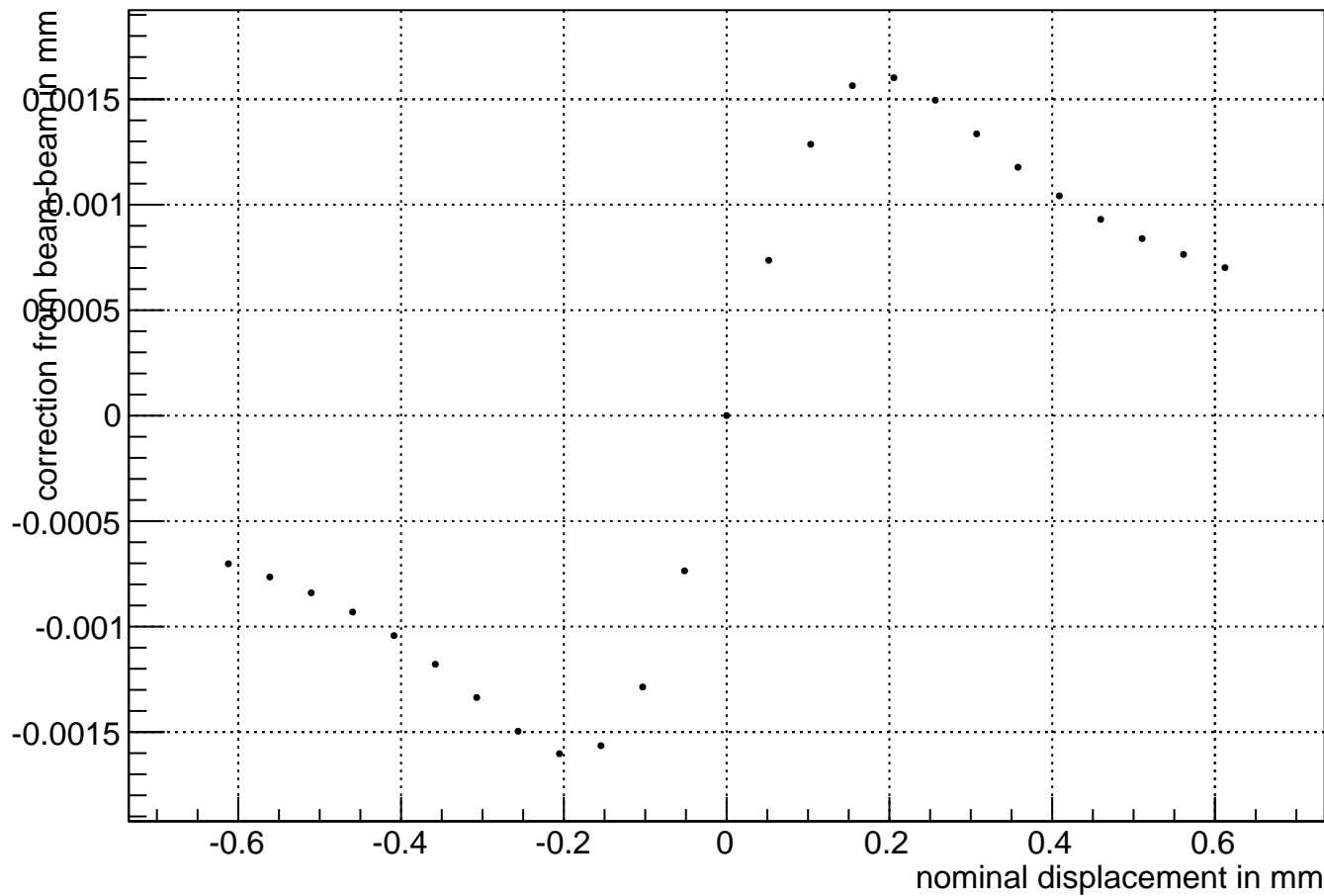
# BeamBeam correction for Y2\_1671



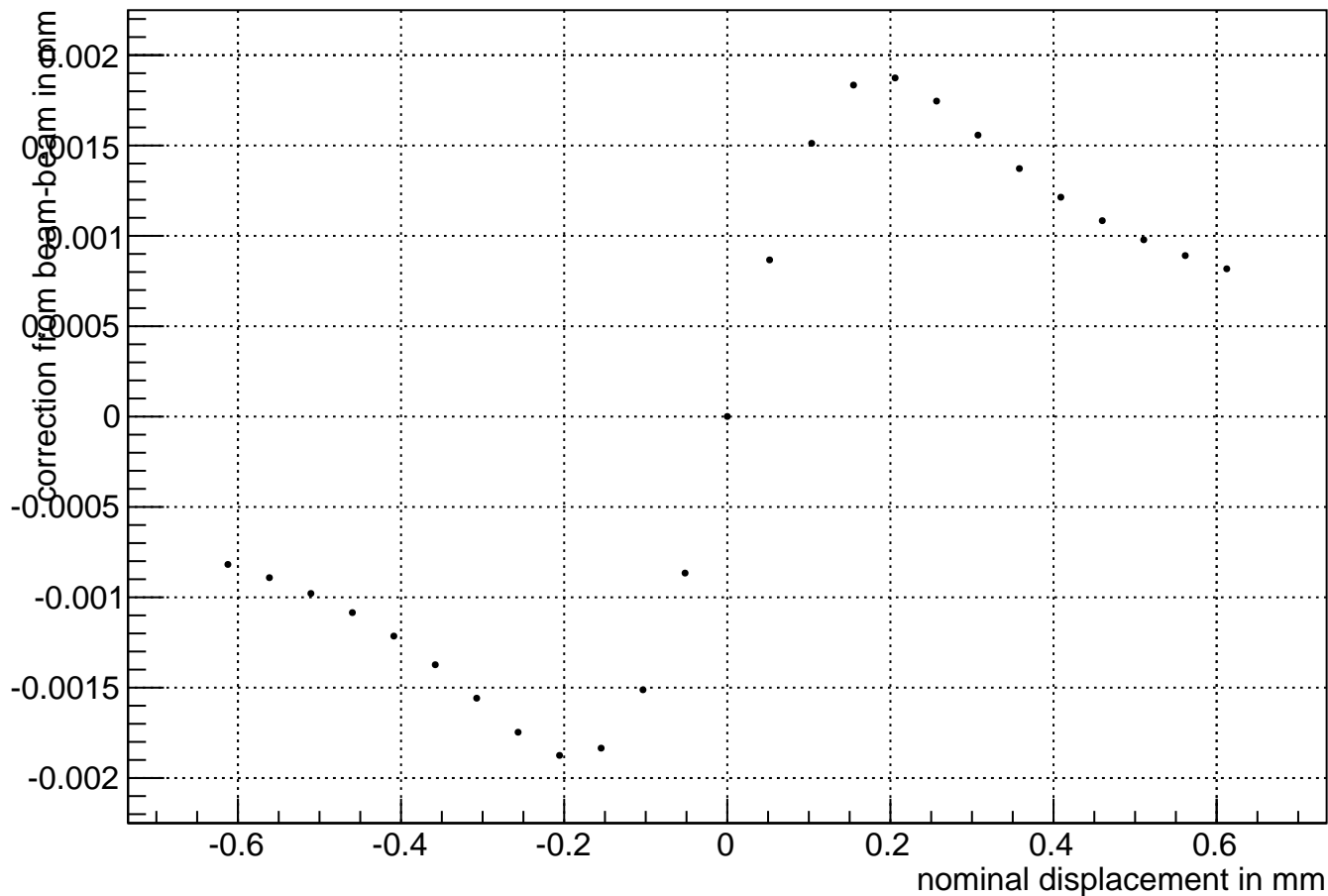
# BeamBeam correction for Y2\_1711



# BeamBeam correction for Y2\_1751

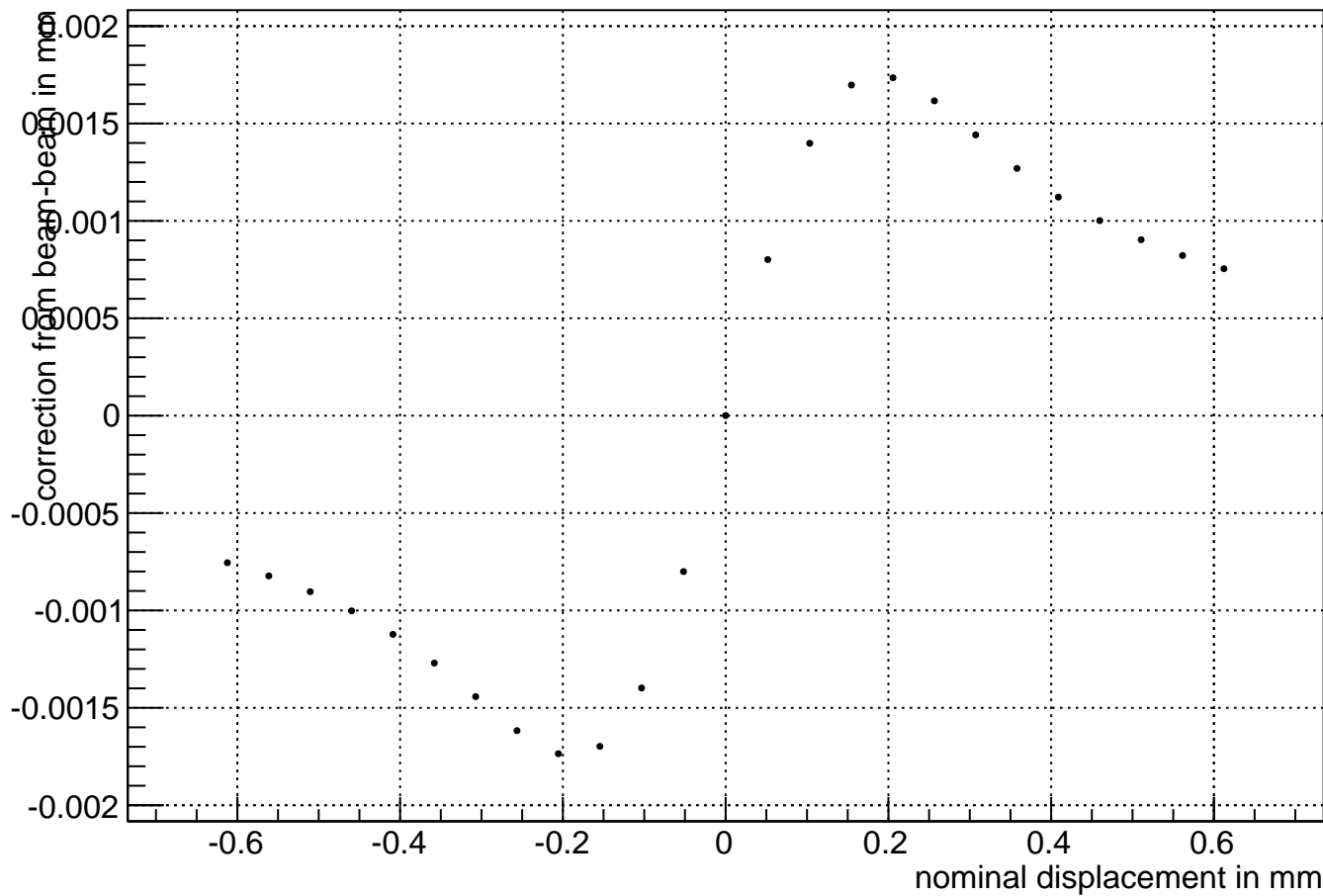


# BeamBeam correction for Y2\_1791

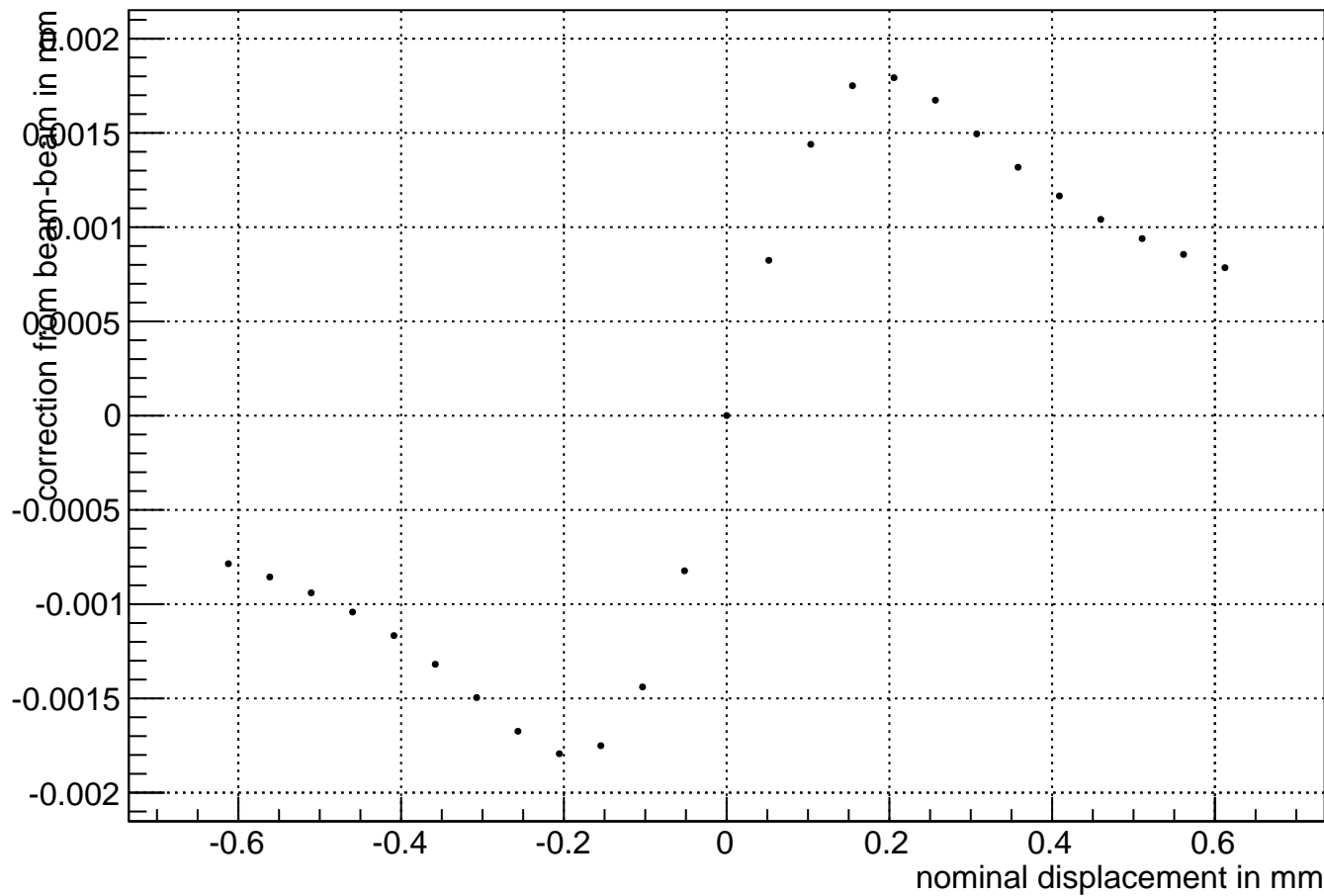




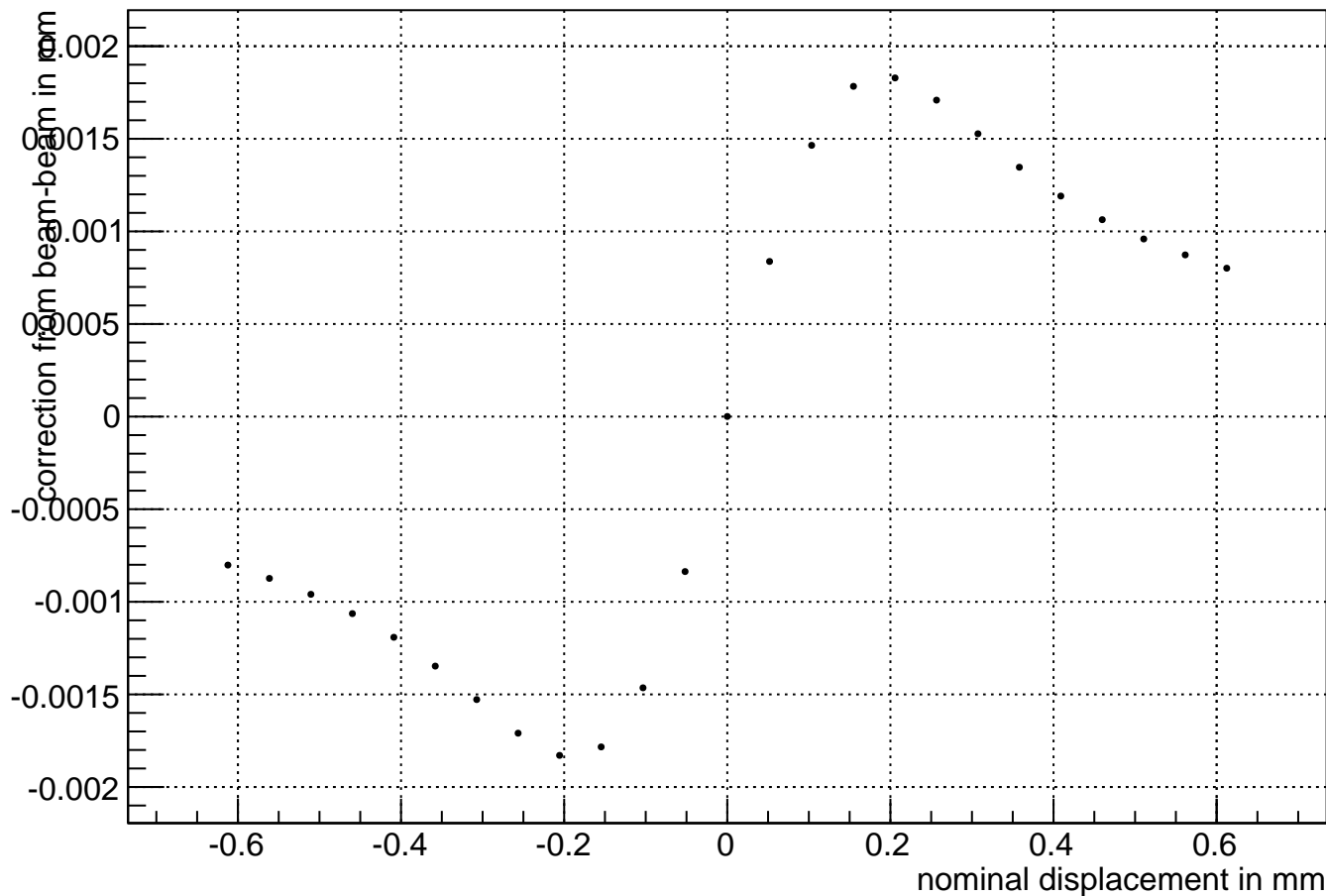
# BeamBeam correction for Y2\_1831



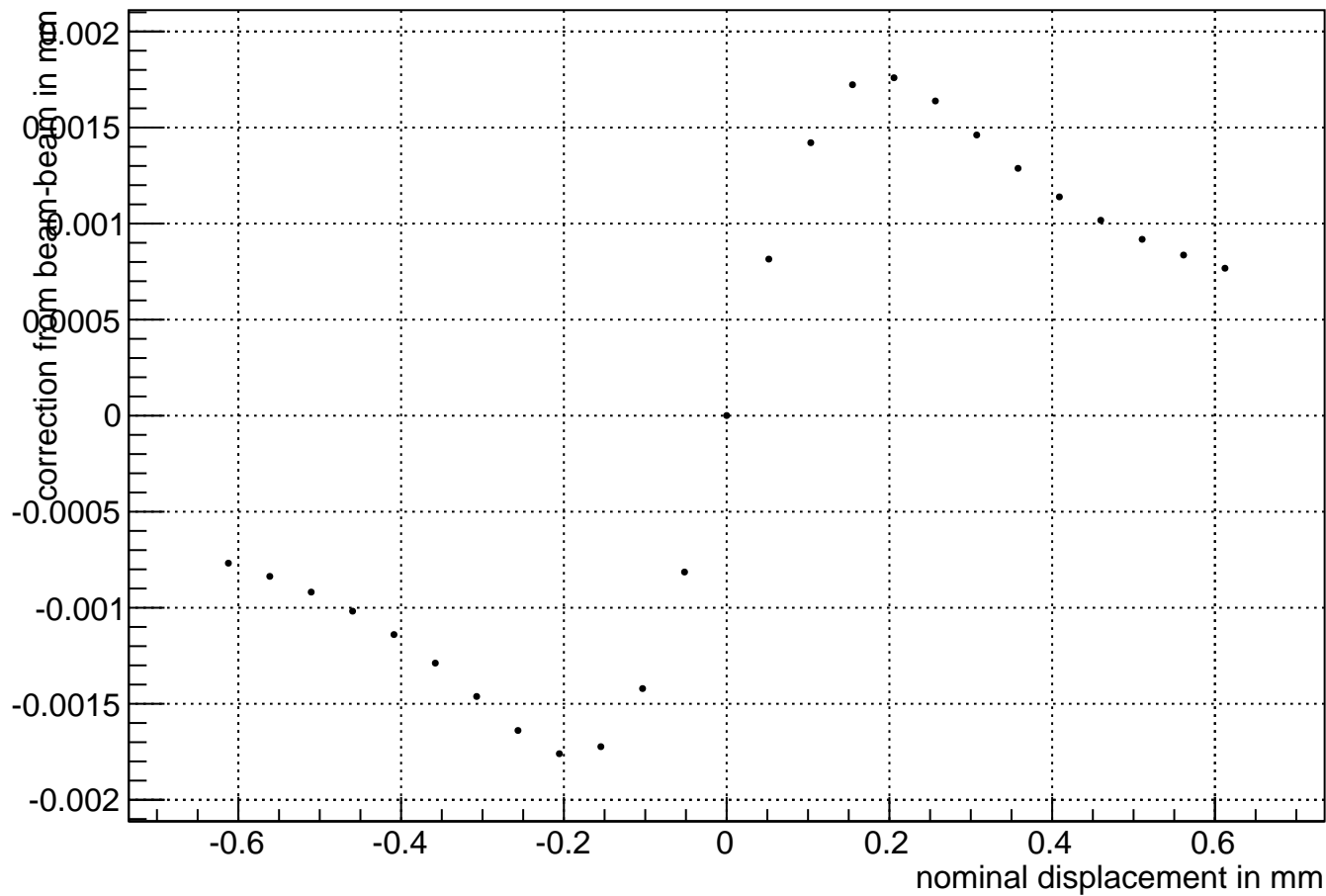
# BeamBeam correction for Y2\_1871



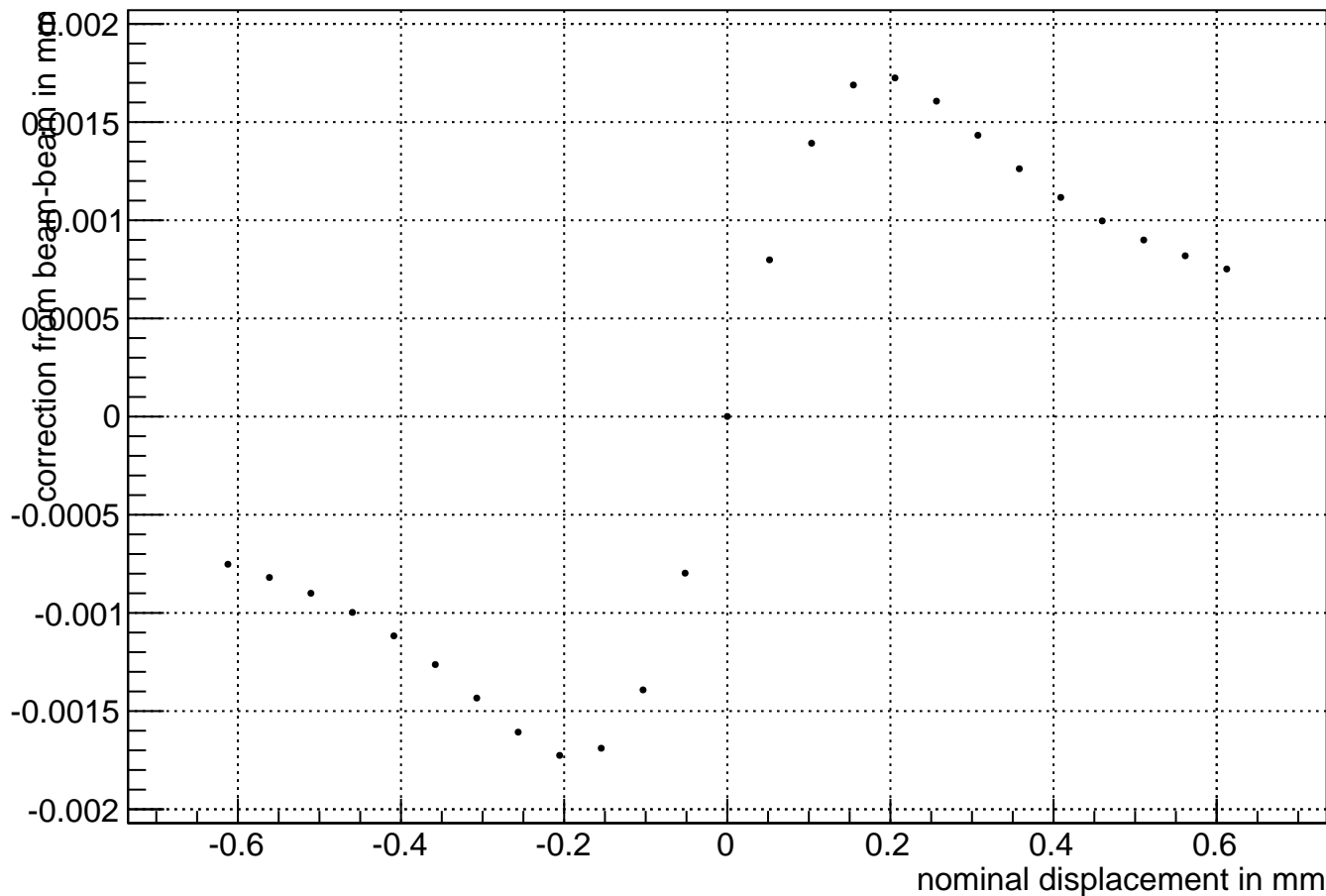
# BeamBeam correction for Y2\_2211



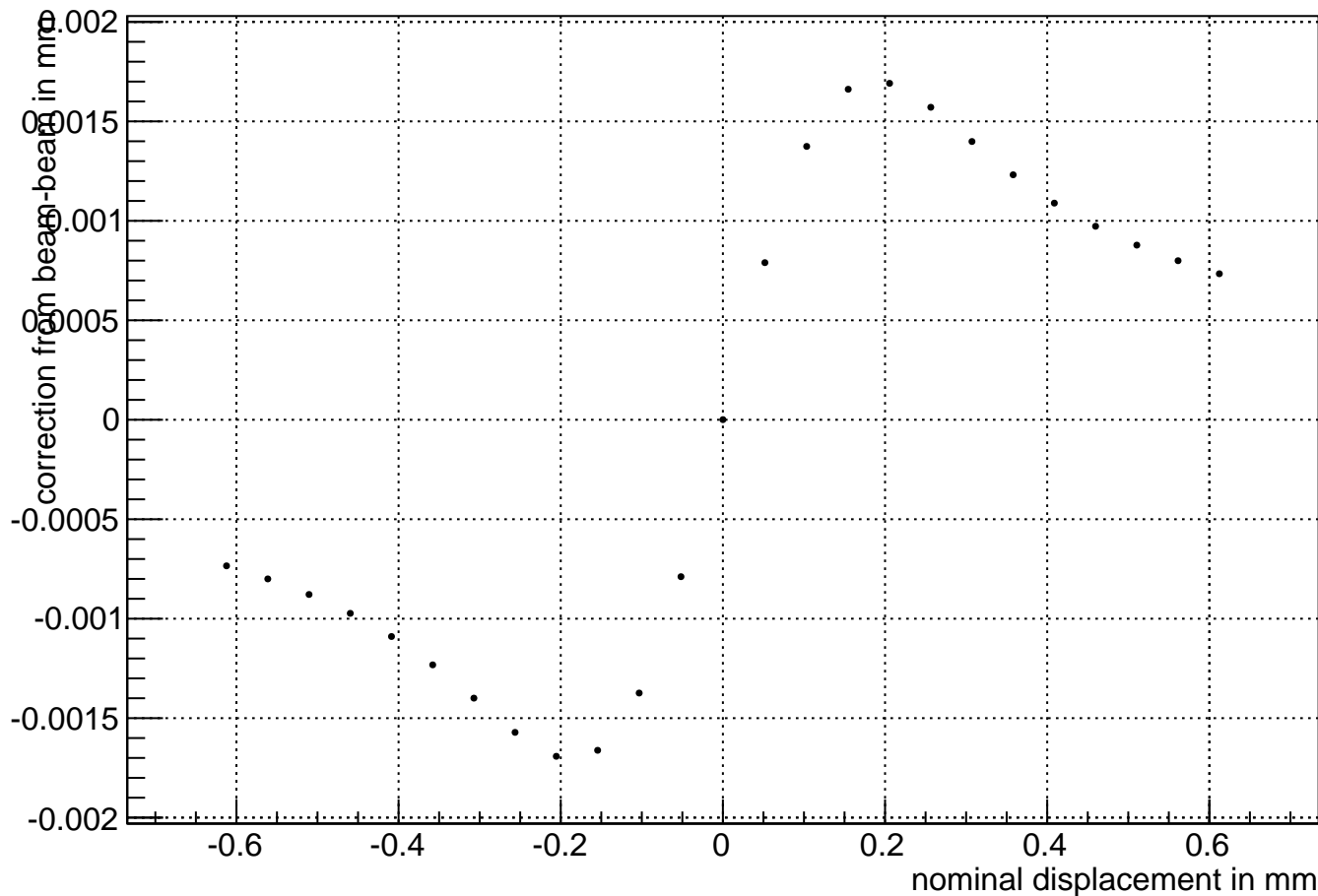
# BeamBeam correction for Y2\_2251



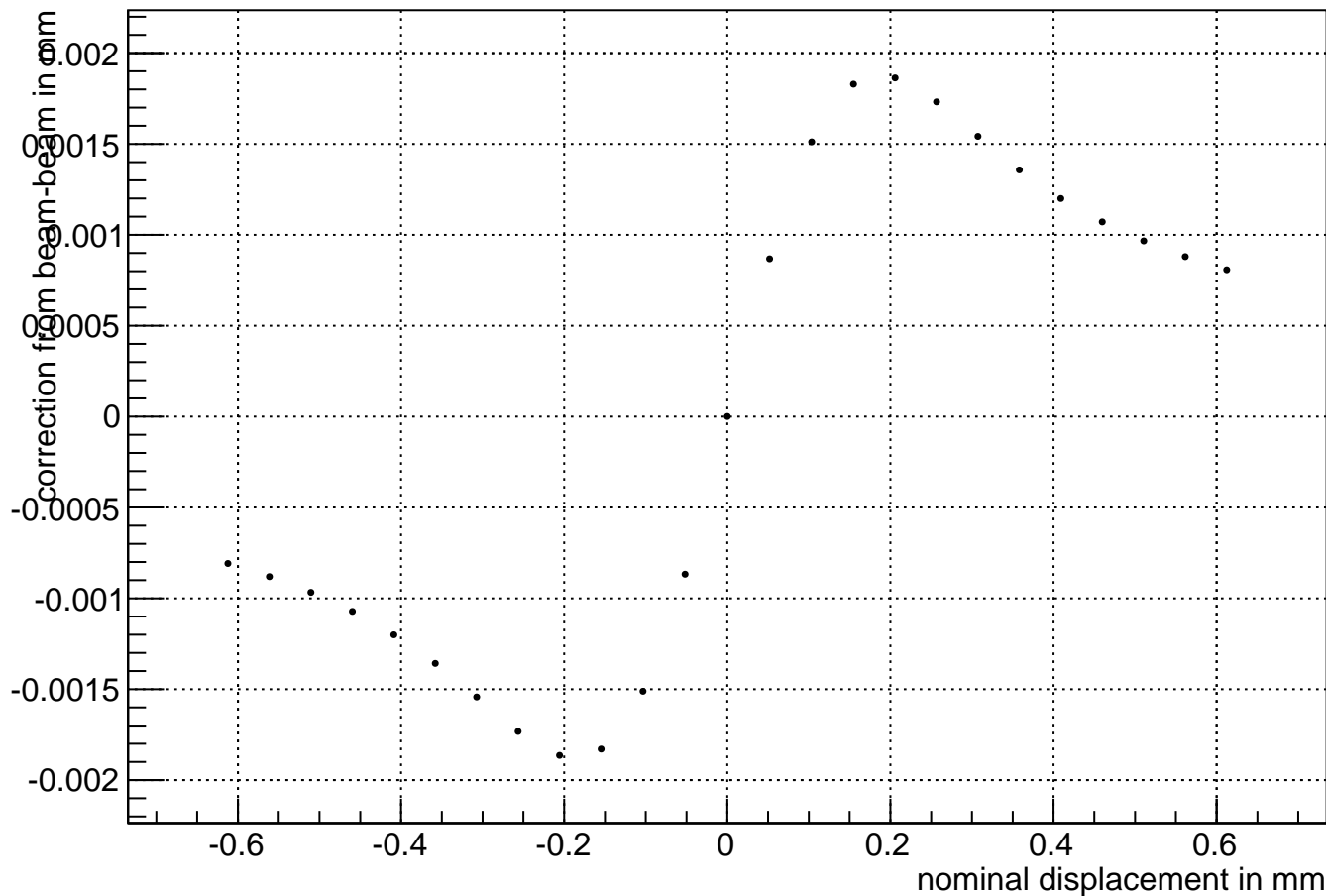
# BeamBeam correction for Y2\_2291



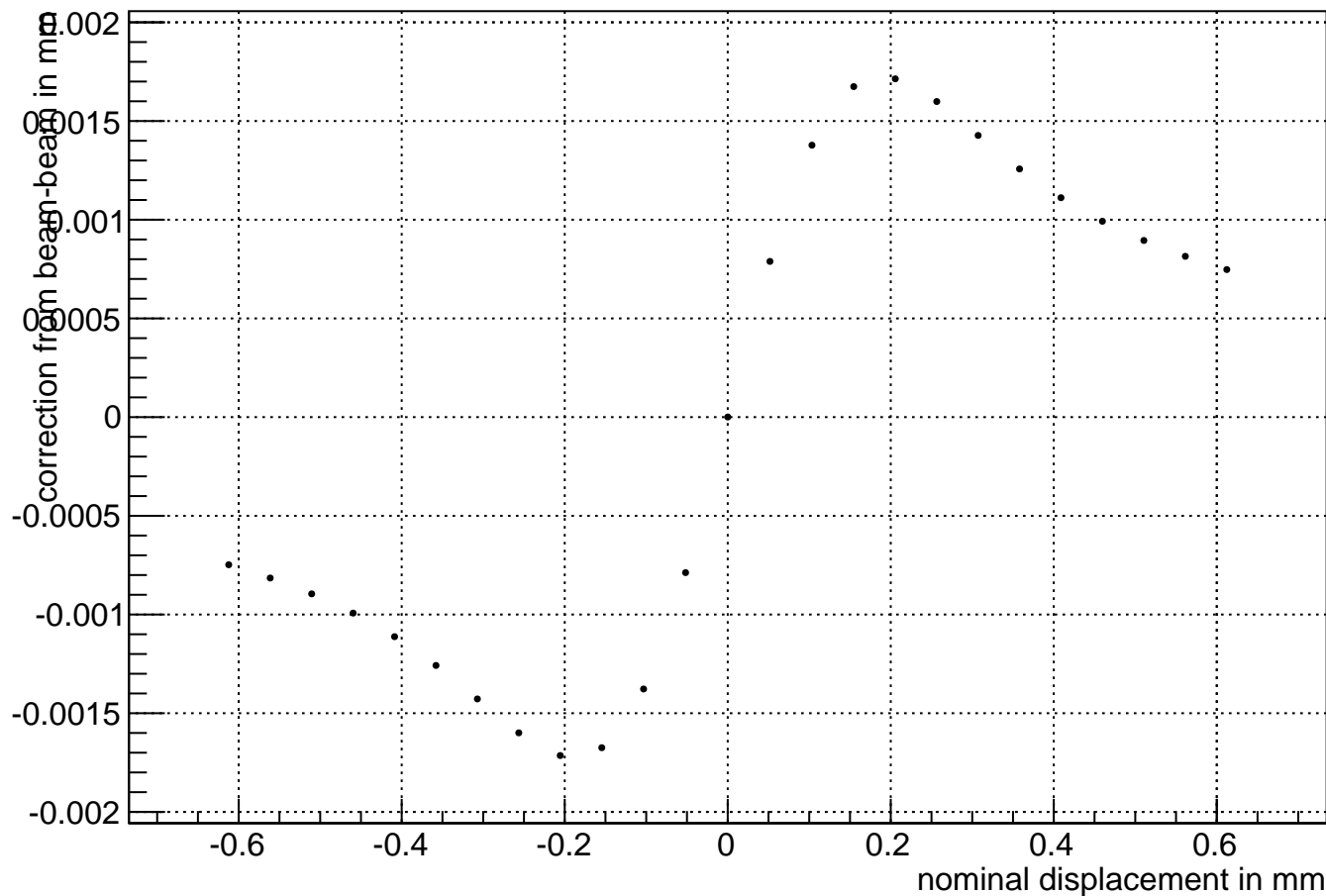
# BeamBeam correction for Y2\_2331



# BeamBeam correction for Y2\_2371

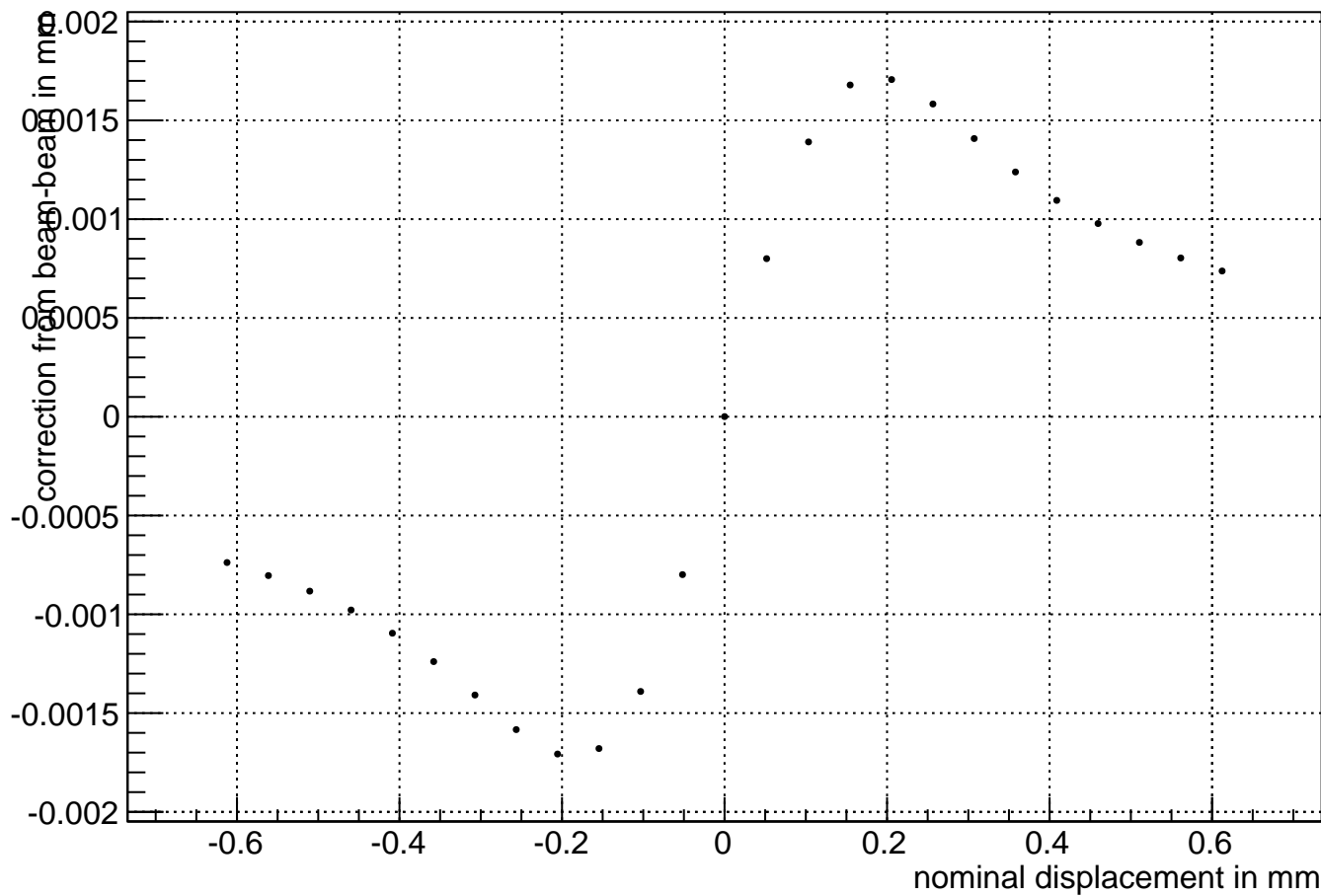


# BeamBeam correction for Y2\_2411

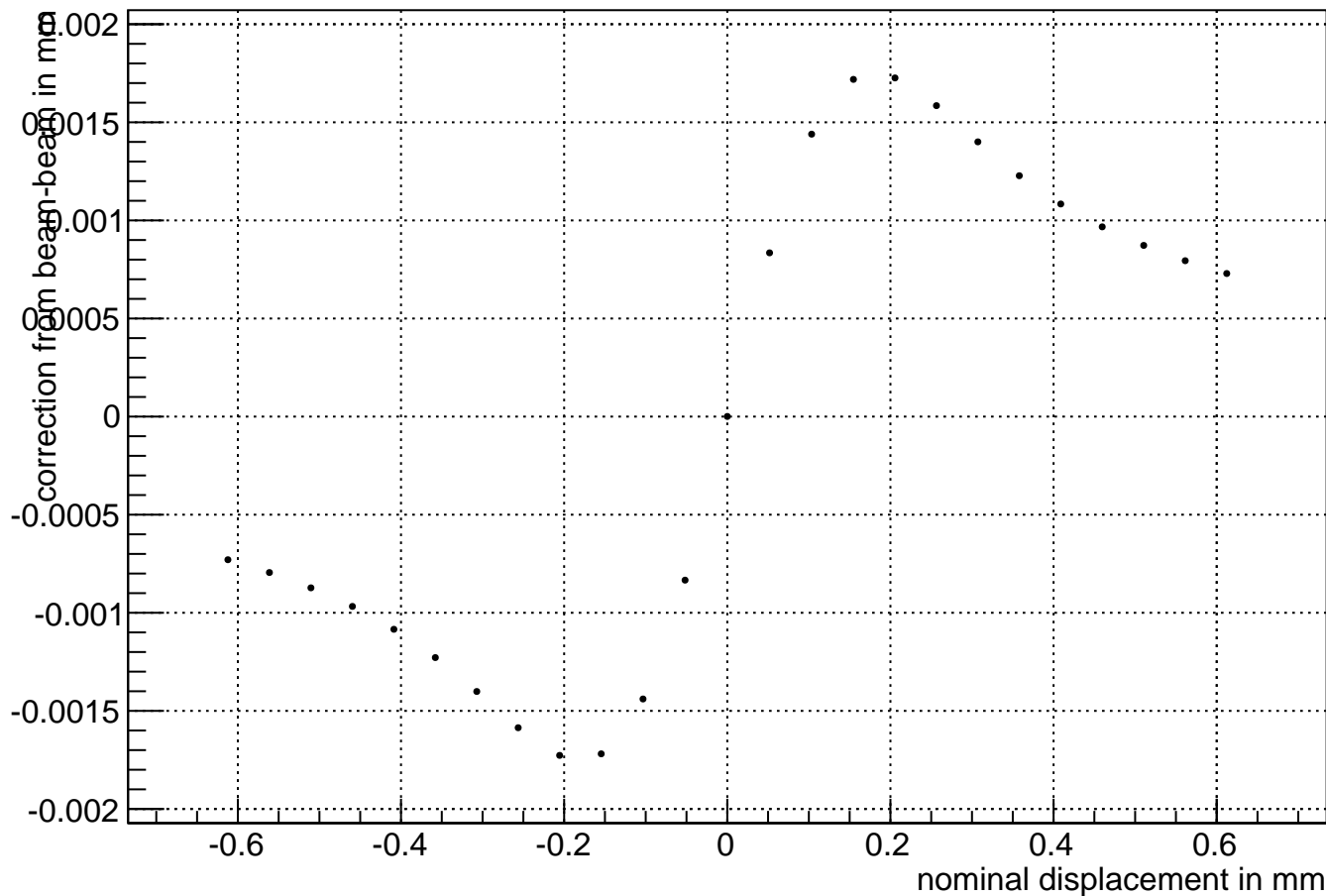




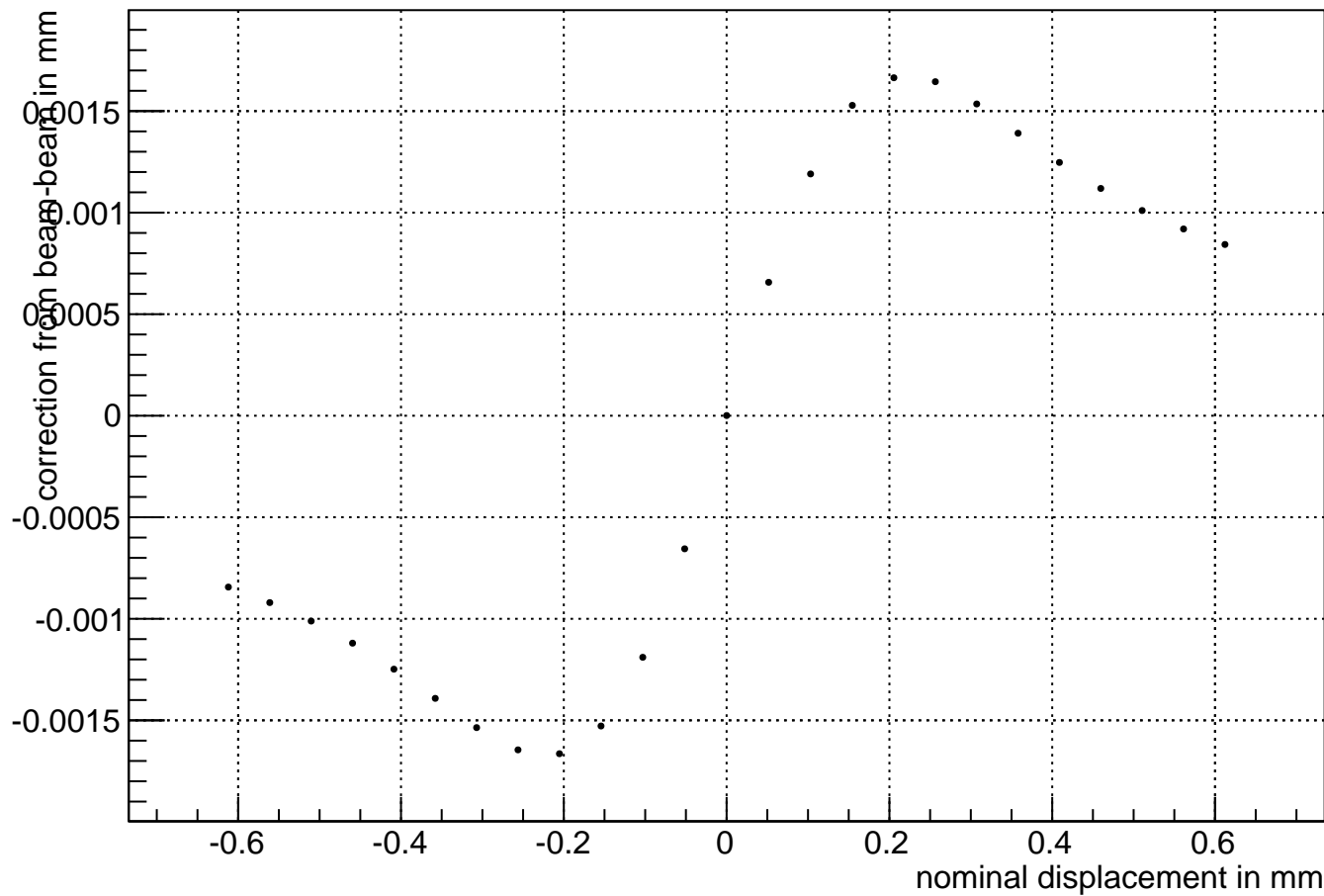
# BeamBeam correction for Y2\_2451



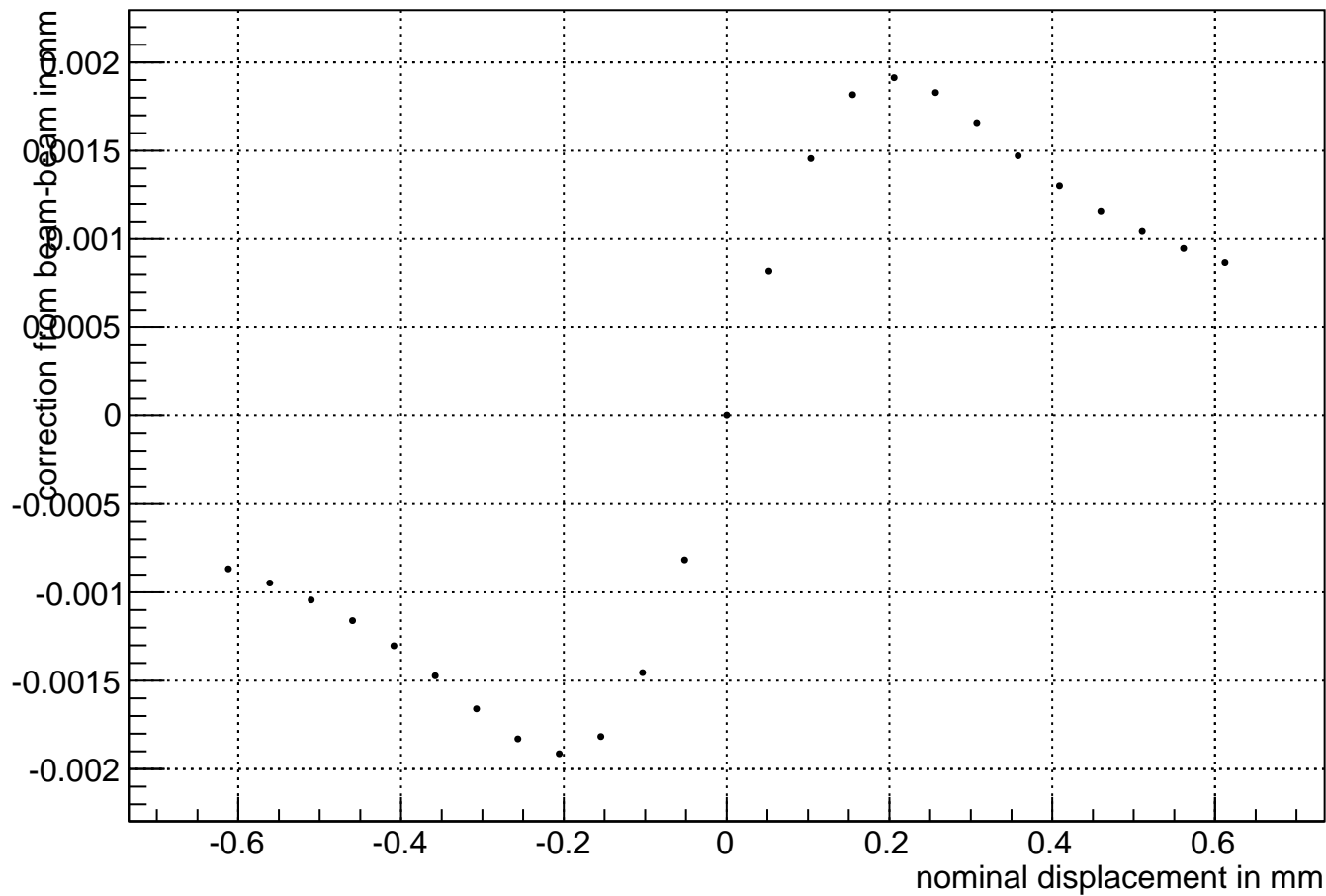
# BeamBeam correction for Y2\_2674



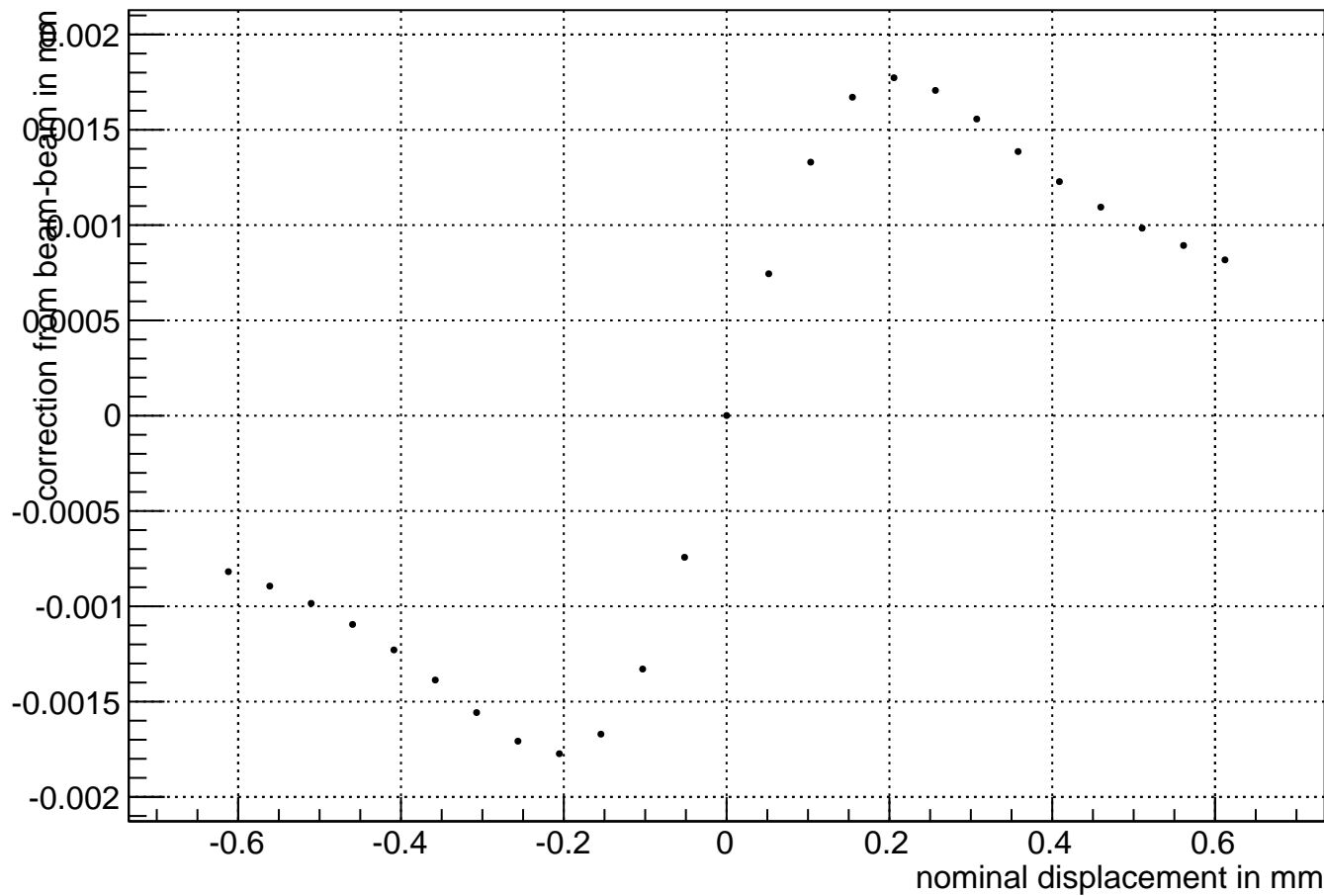
# BeamBeam correction for X2\_1



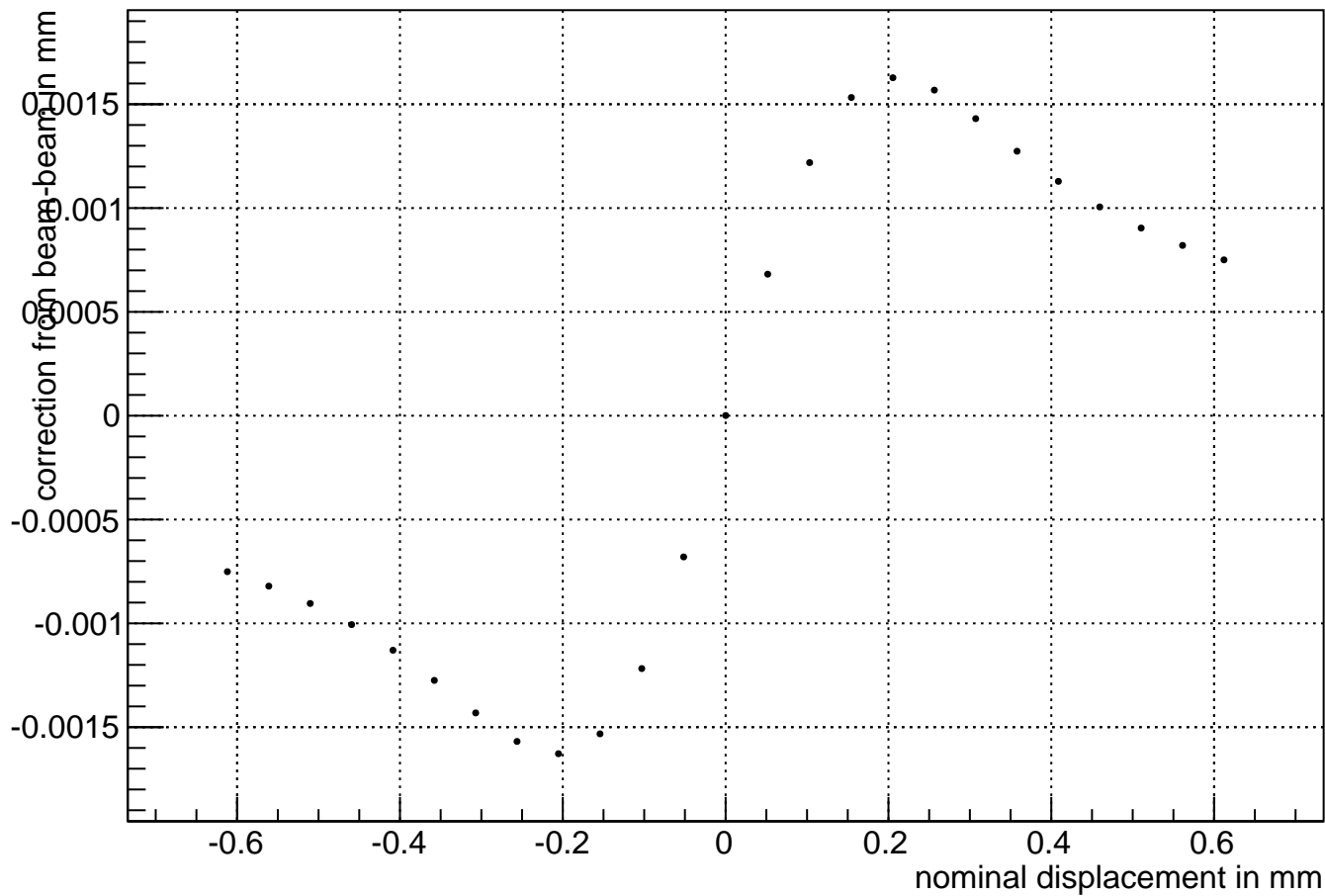
# BeamBeam correction for X2\_51



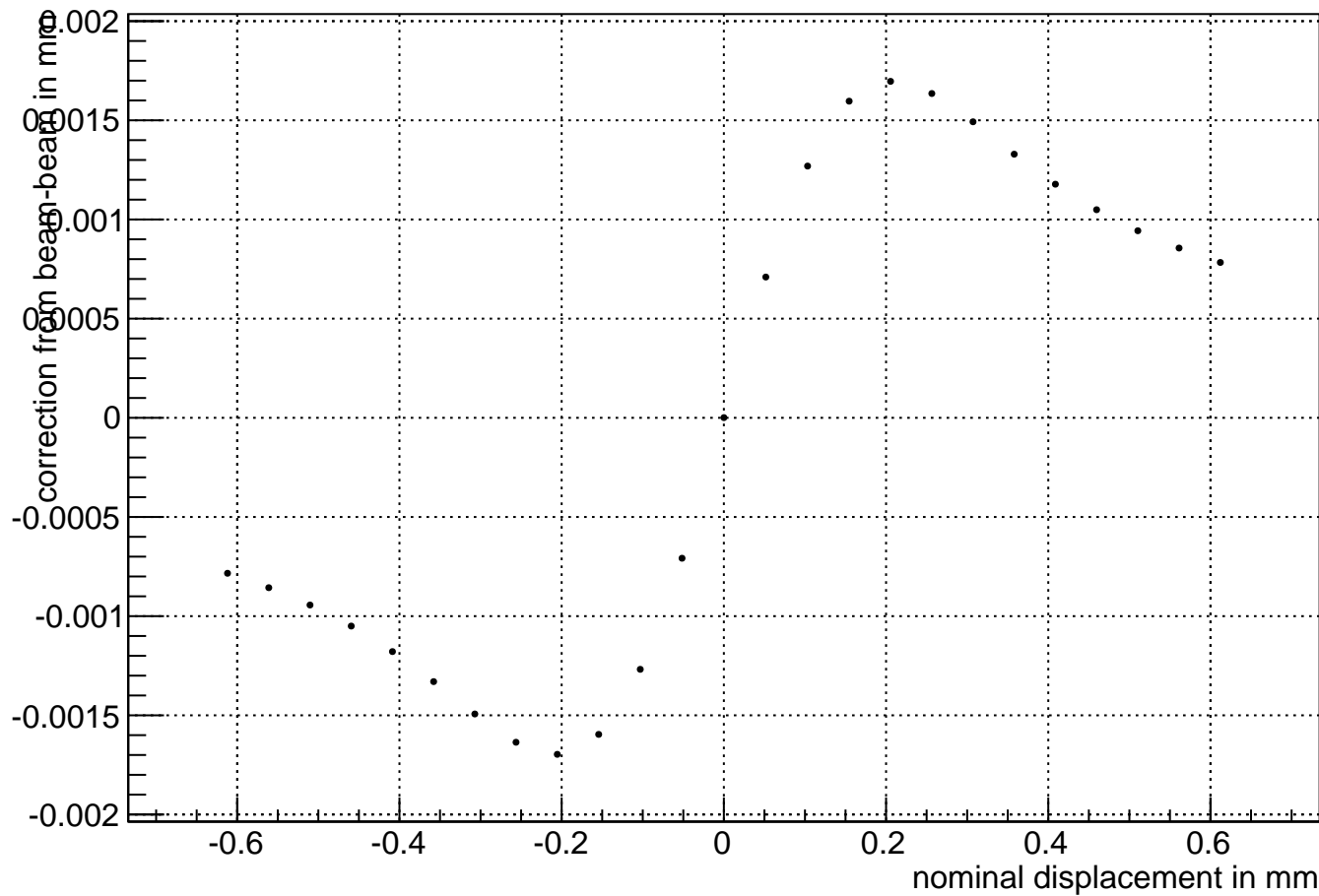
# BeamBeam correction for X2\_91



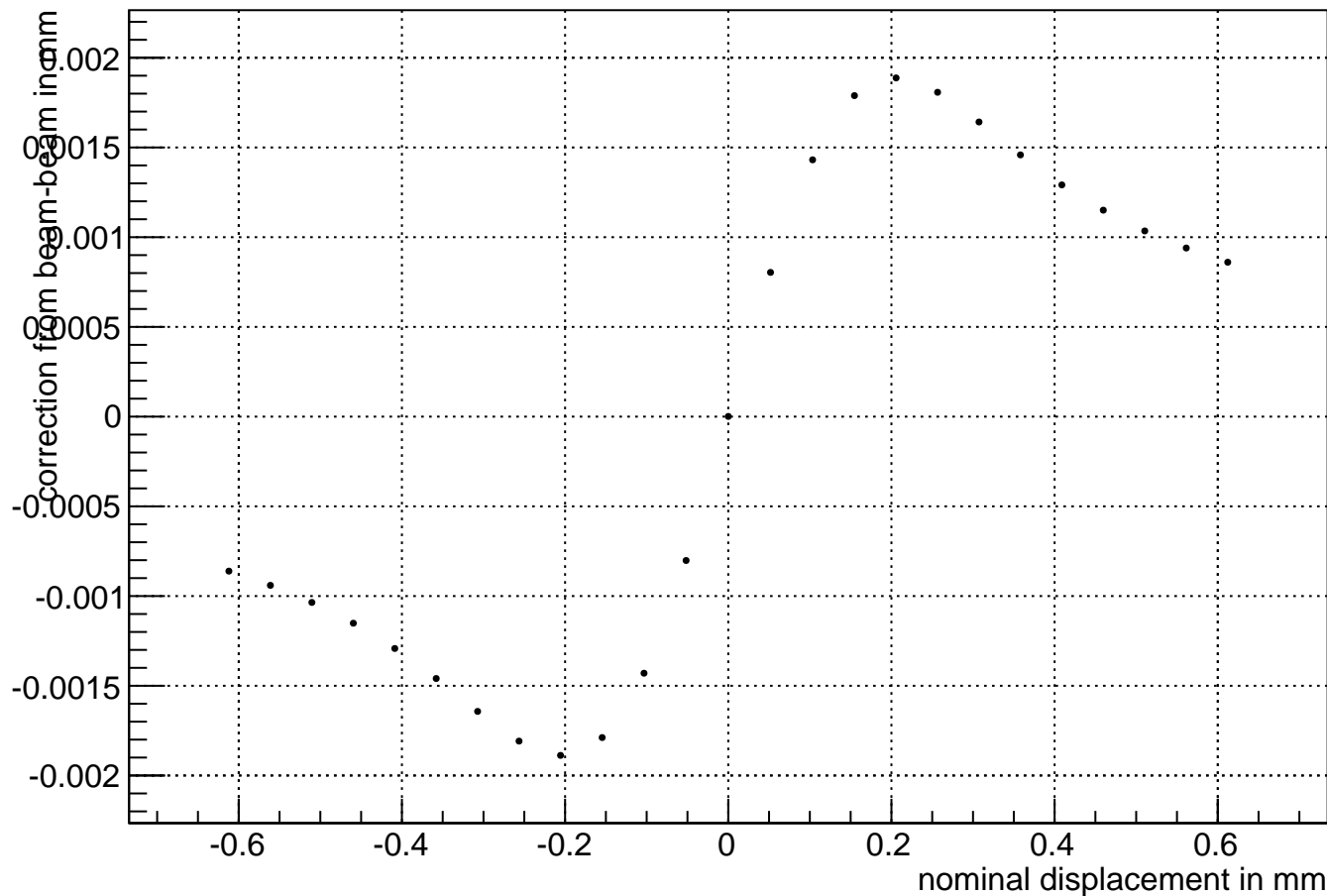
# BeamBeam correction for X2\_131



# BeamBeam correction for X2\_171

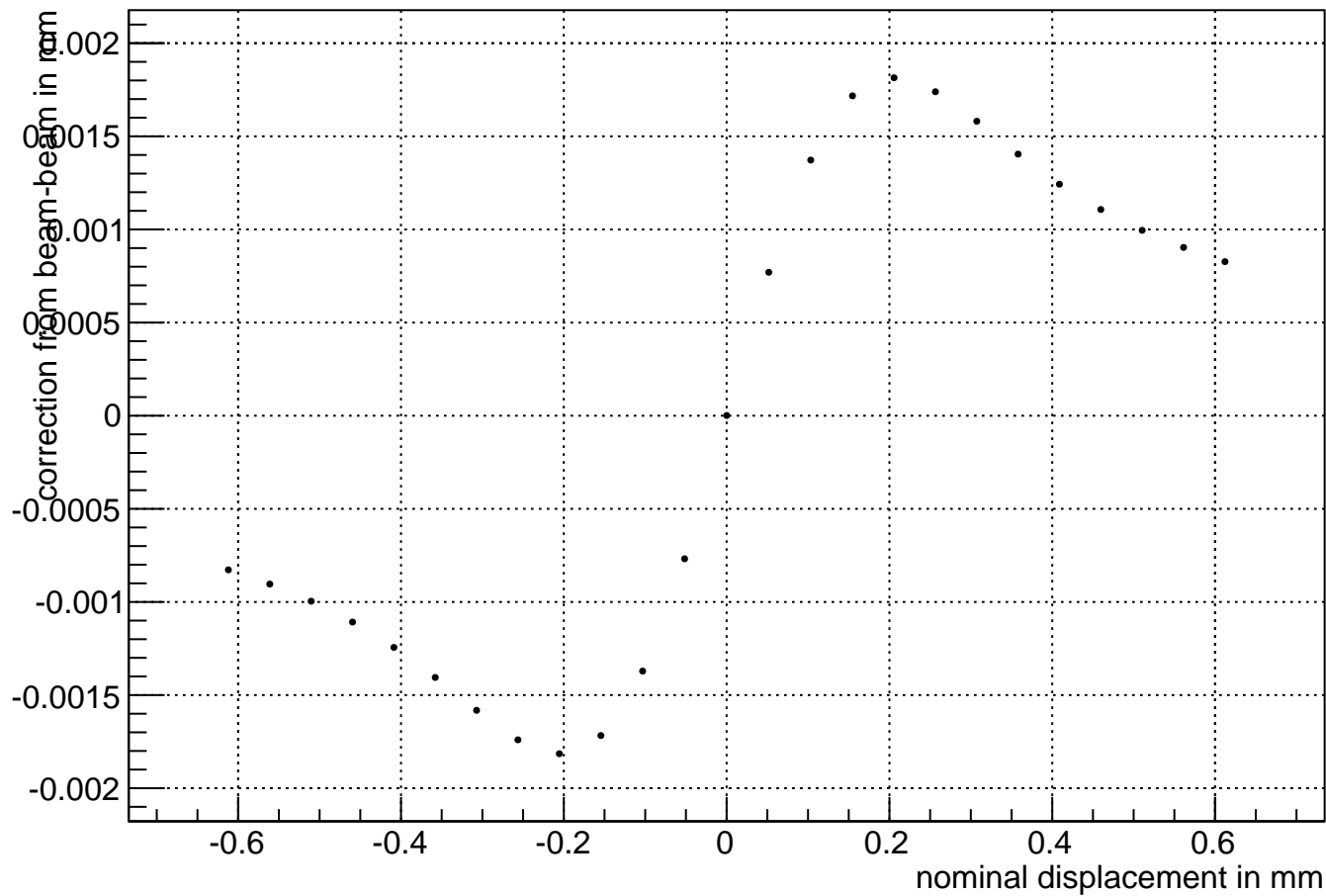


# BeamBeam correction for X2\_211

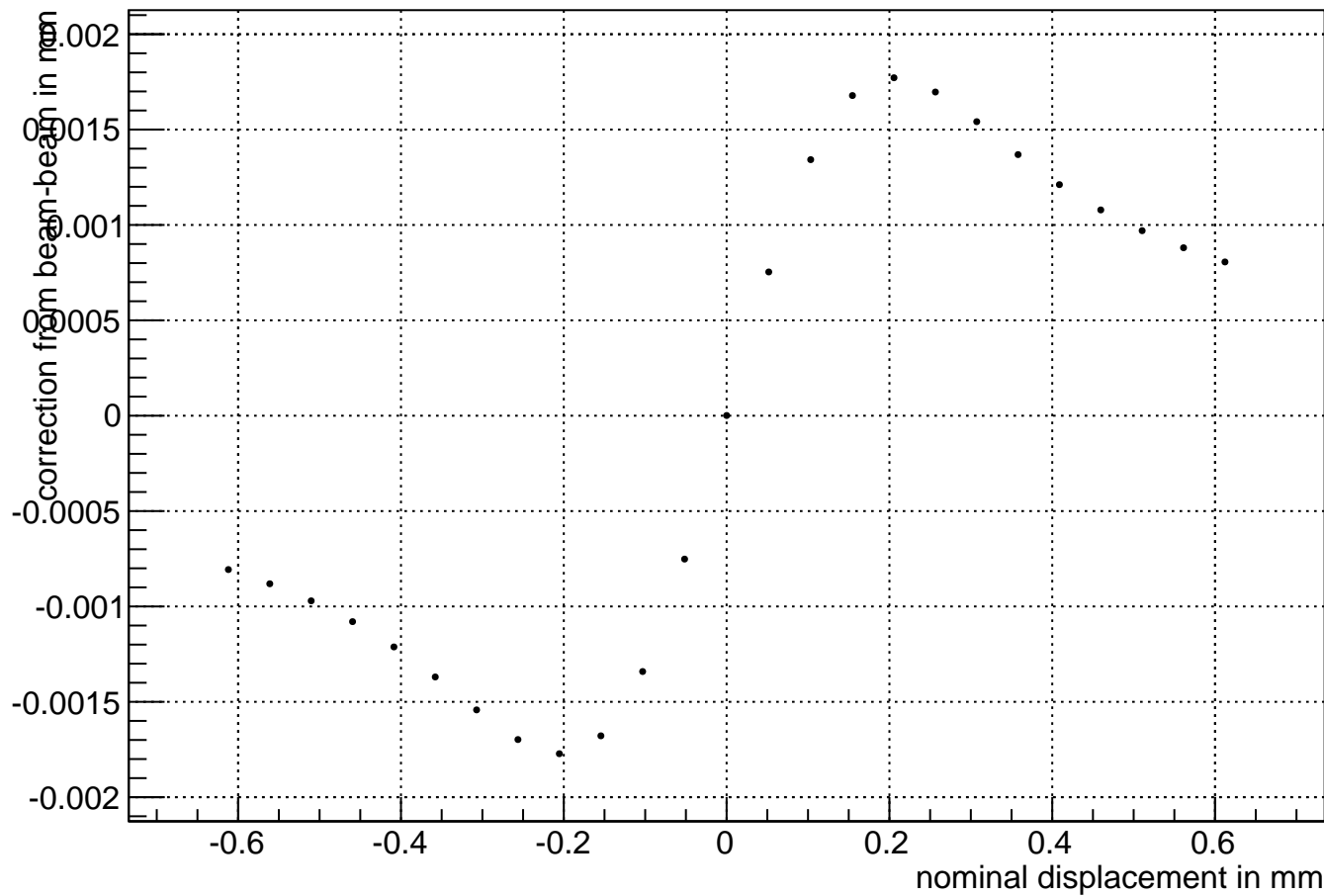




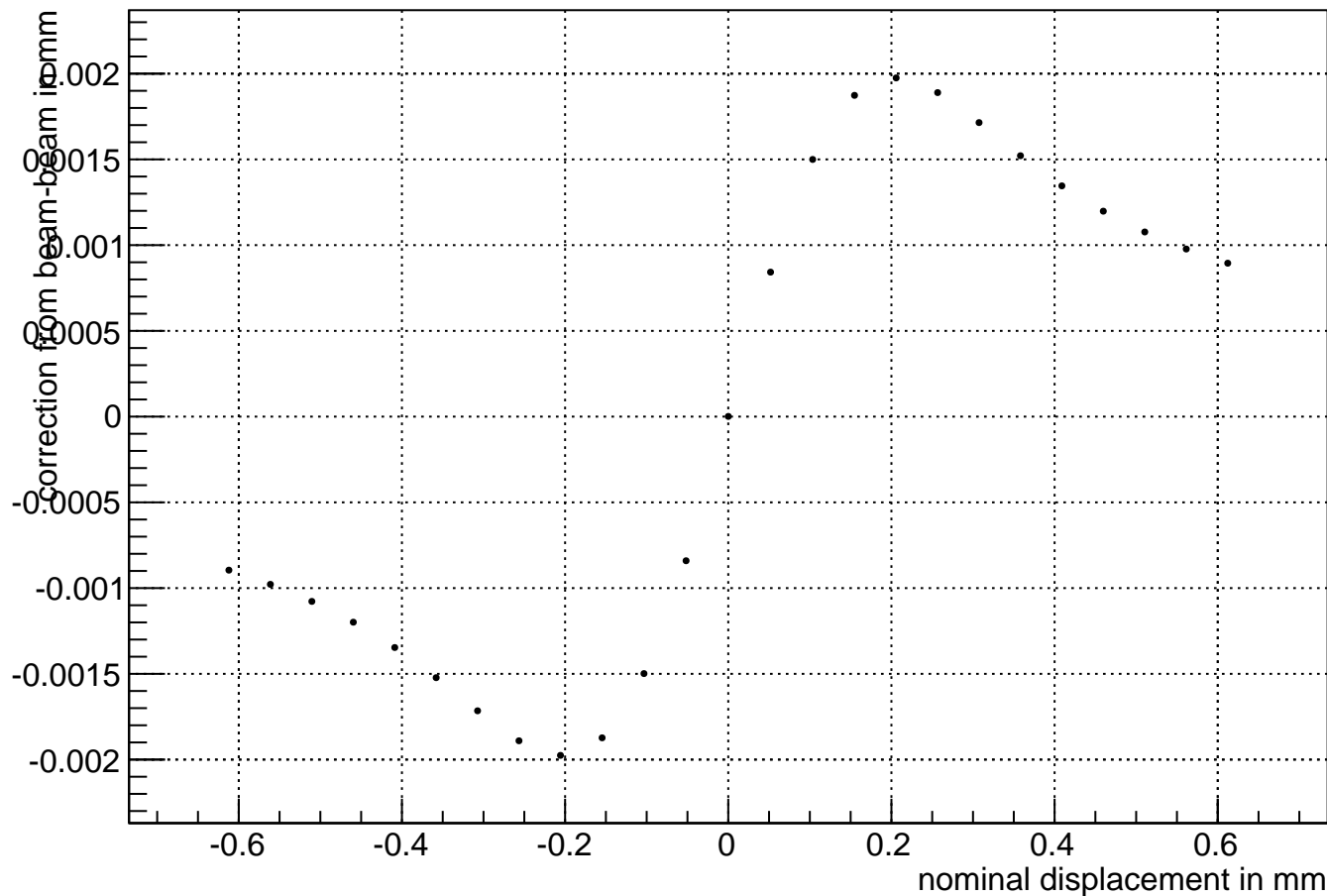
# BeamBeam correction for X2\_251



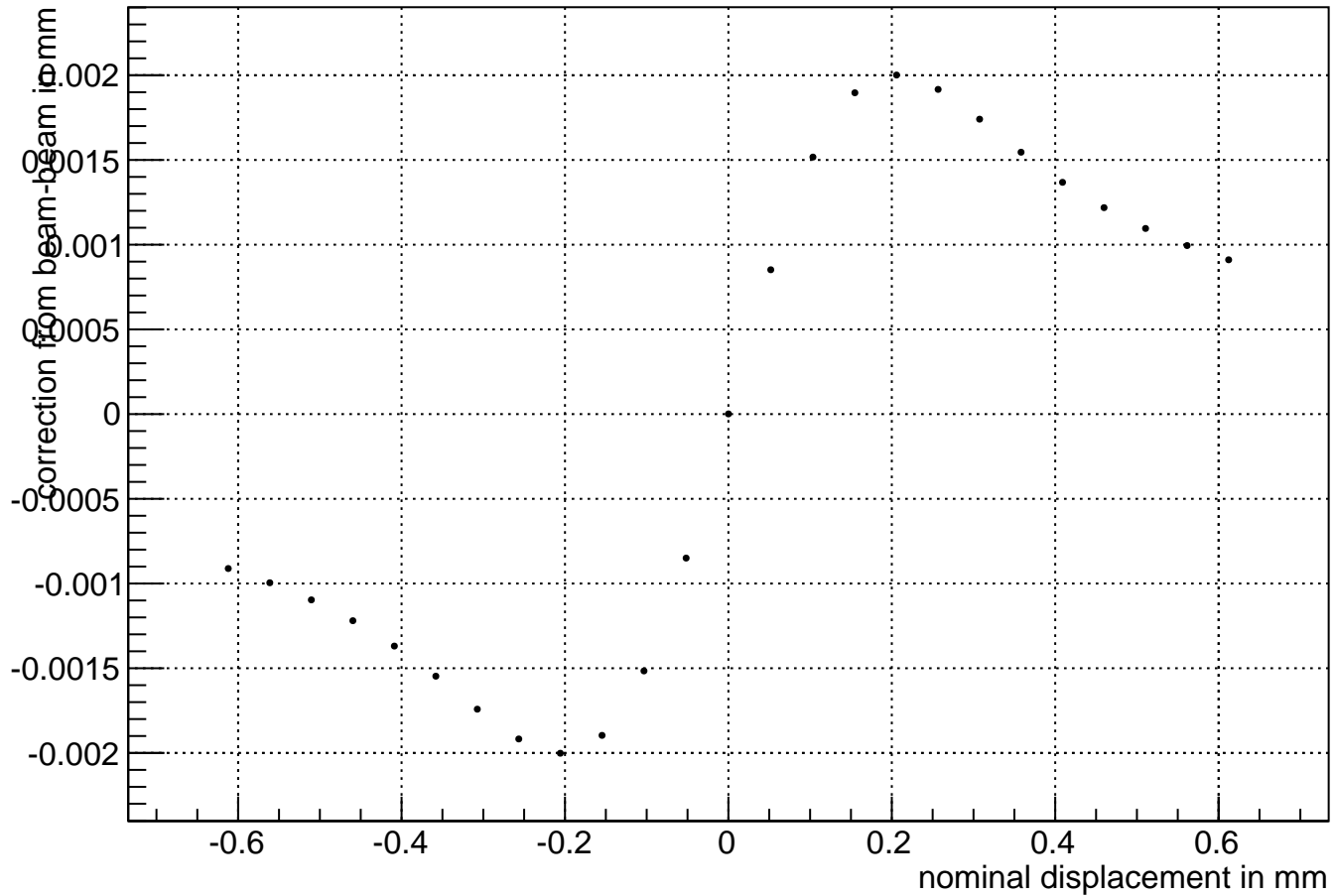
# BeamBeam correction for X2\_291



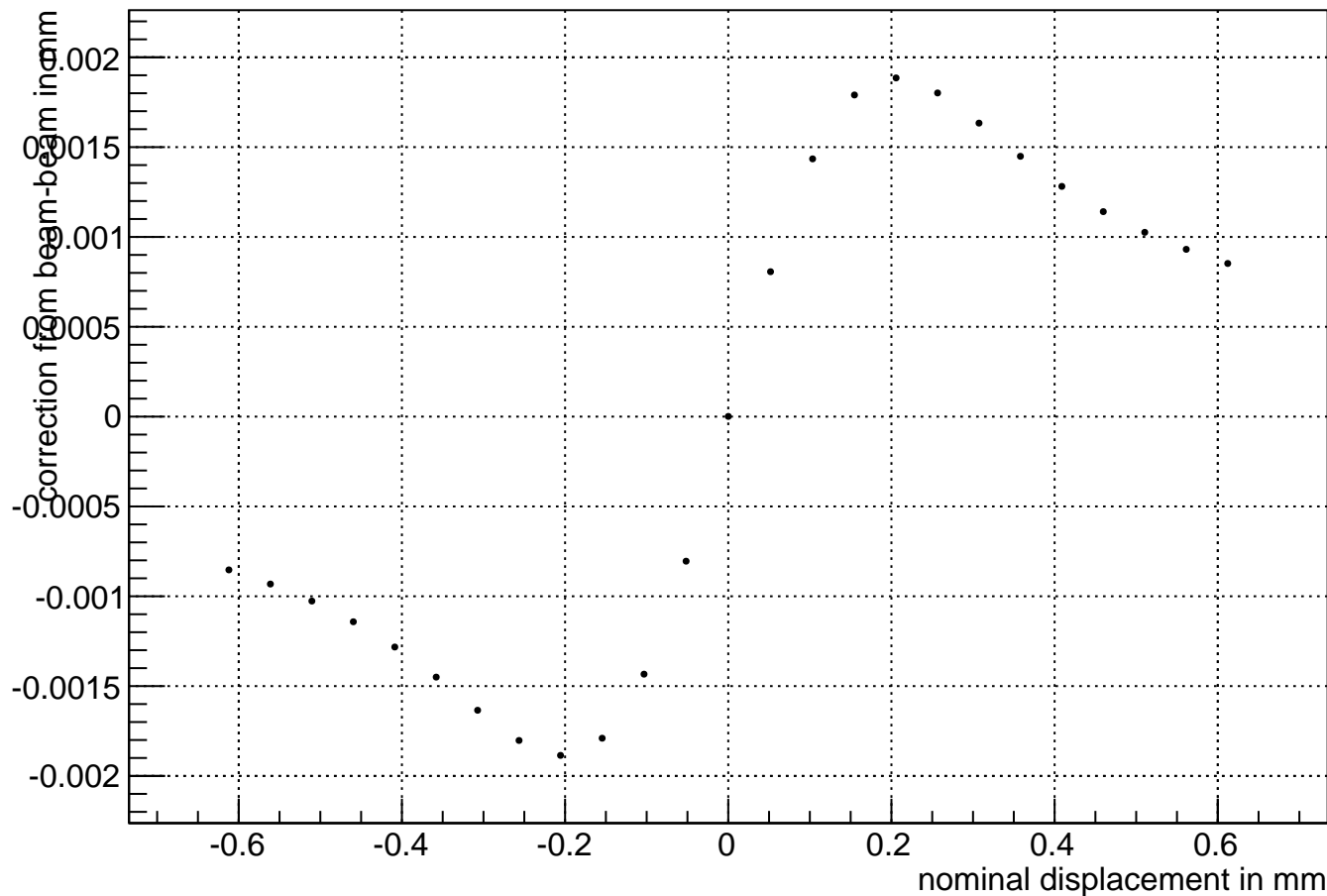
# BeamBeam correction for X2\_771



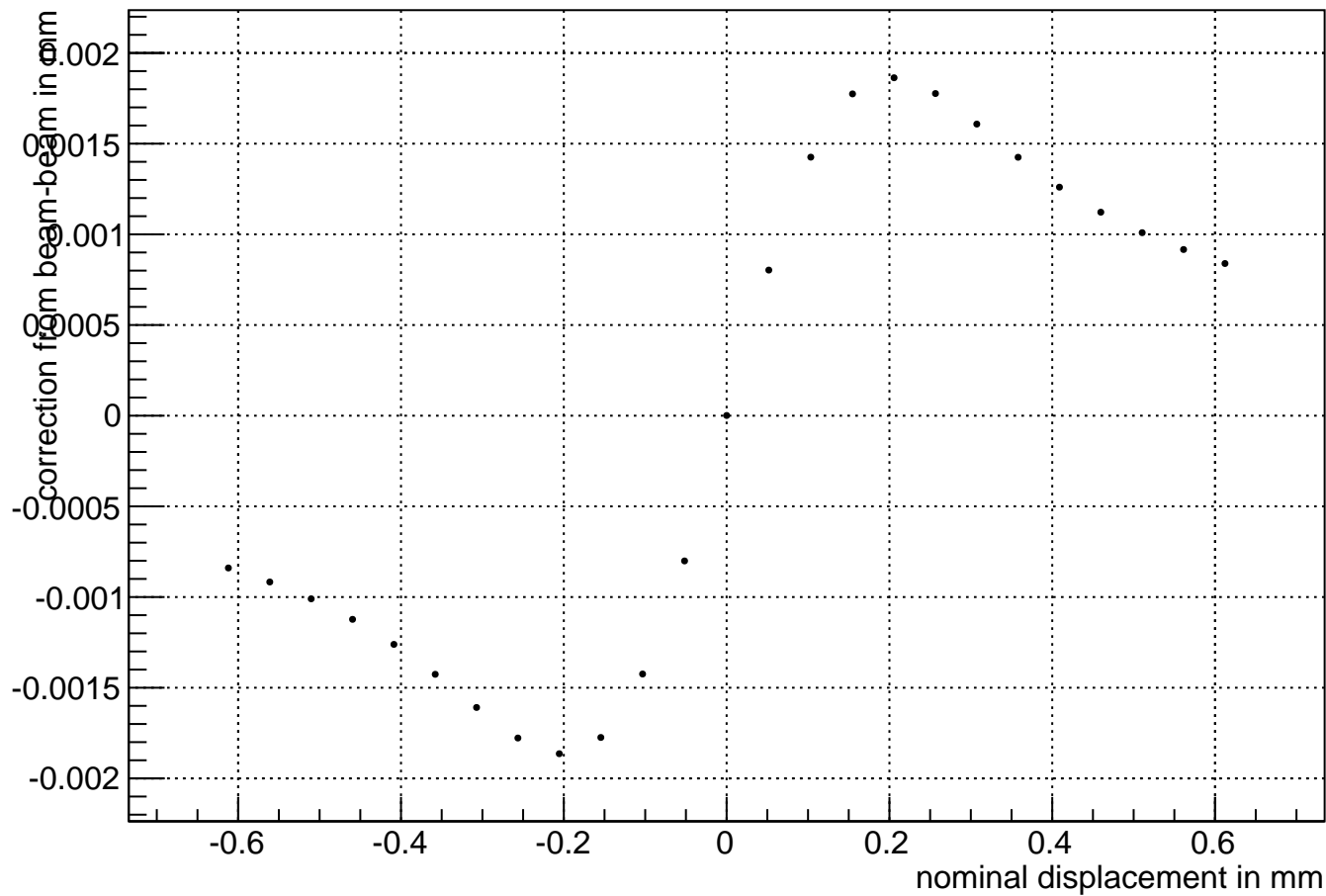
# BeamBeam correction for X2\_811



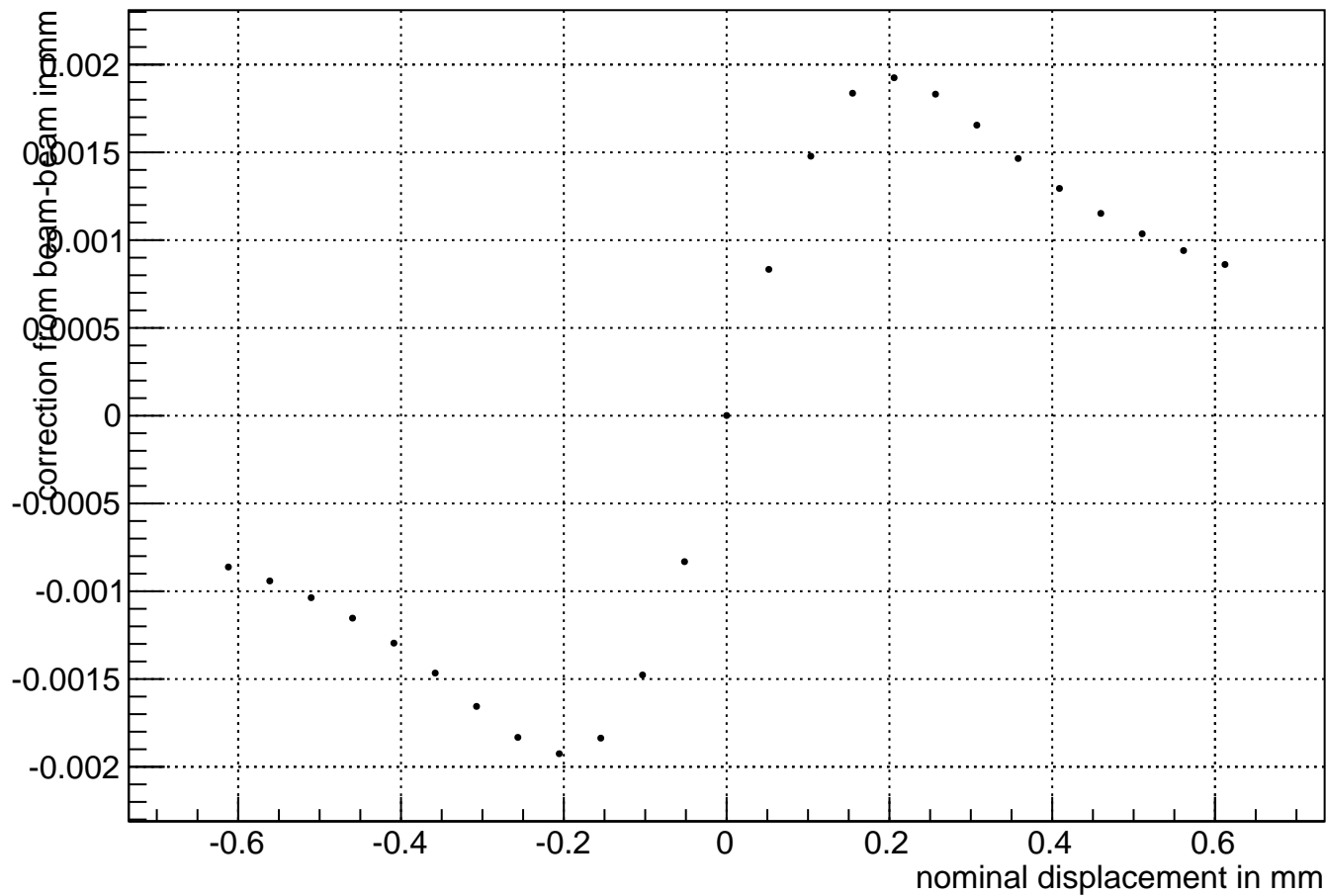
# BeamBeam correction for X2\_851



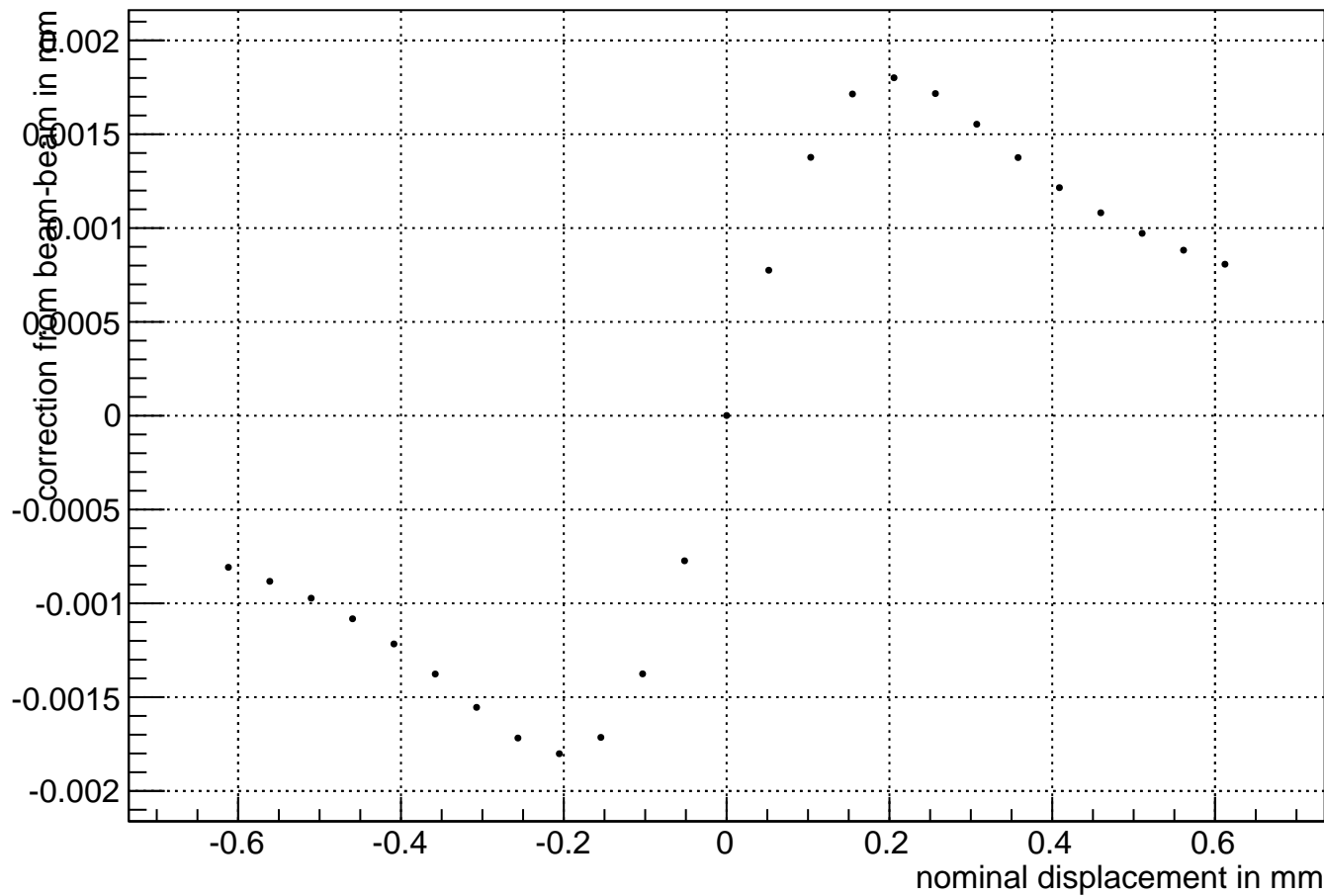
# BeamBeam correction for X2\_891



# BeamBeam correction for X2\_931

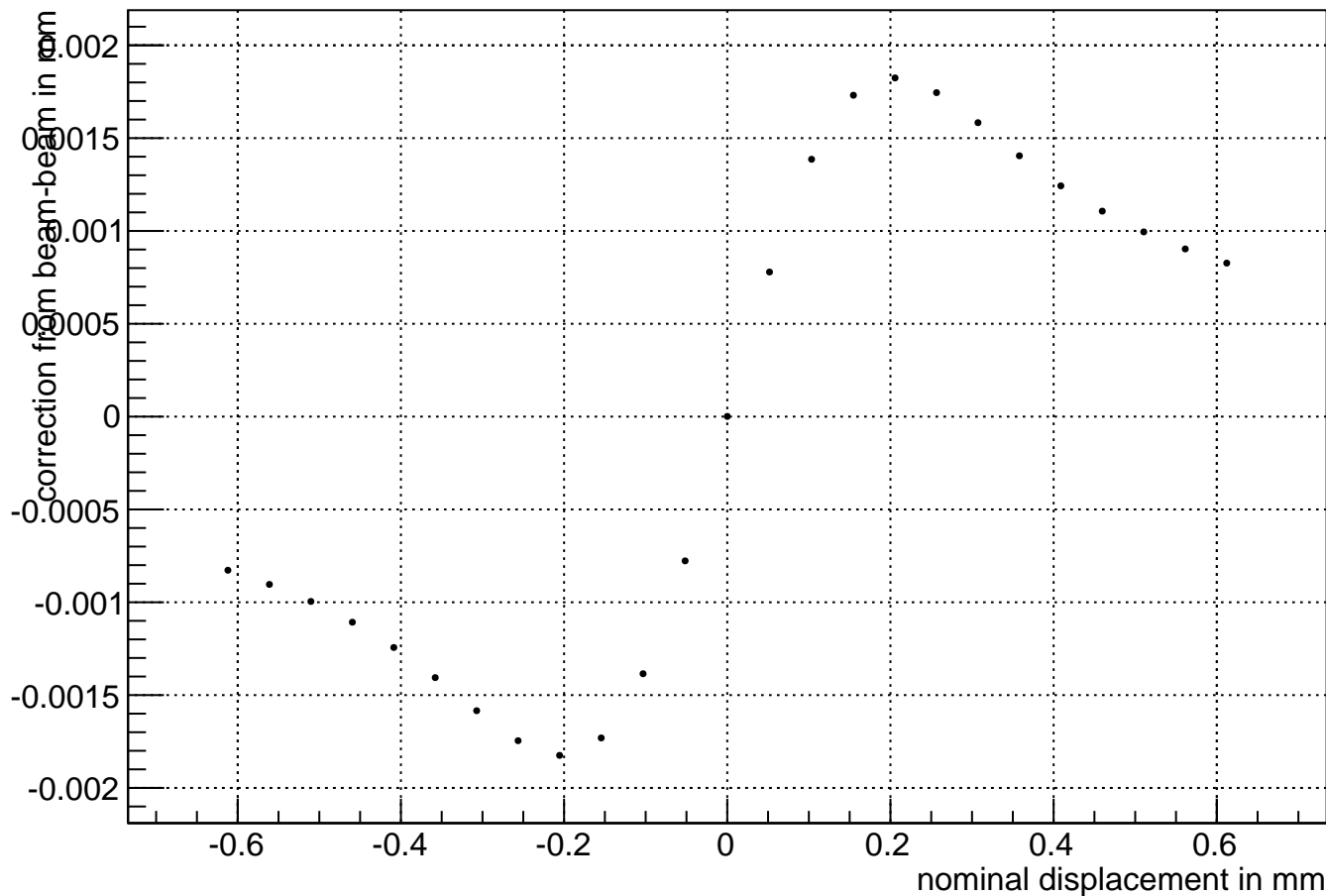


# BeamBeam correction for X2\_971

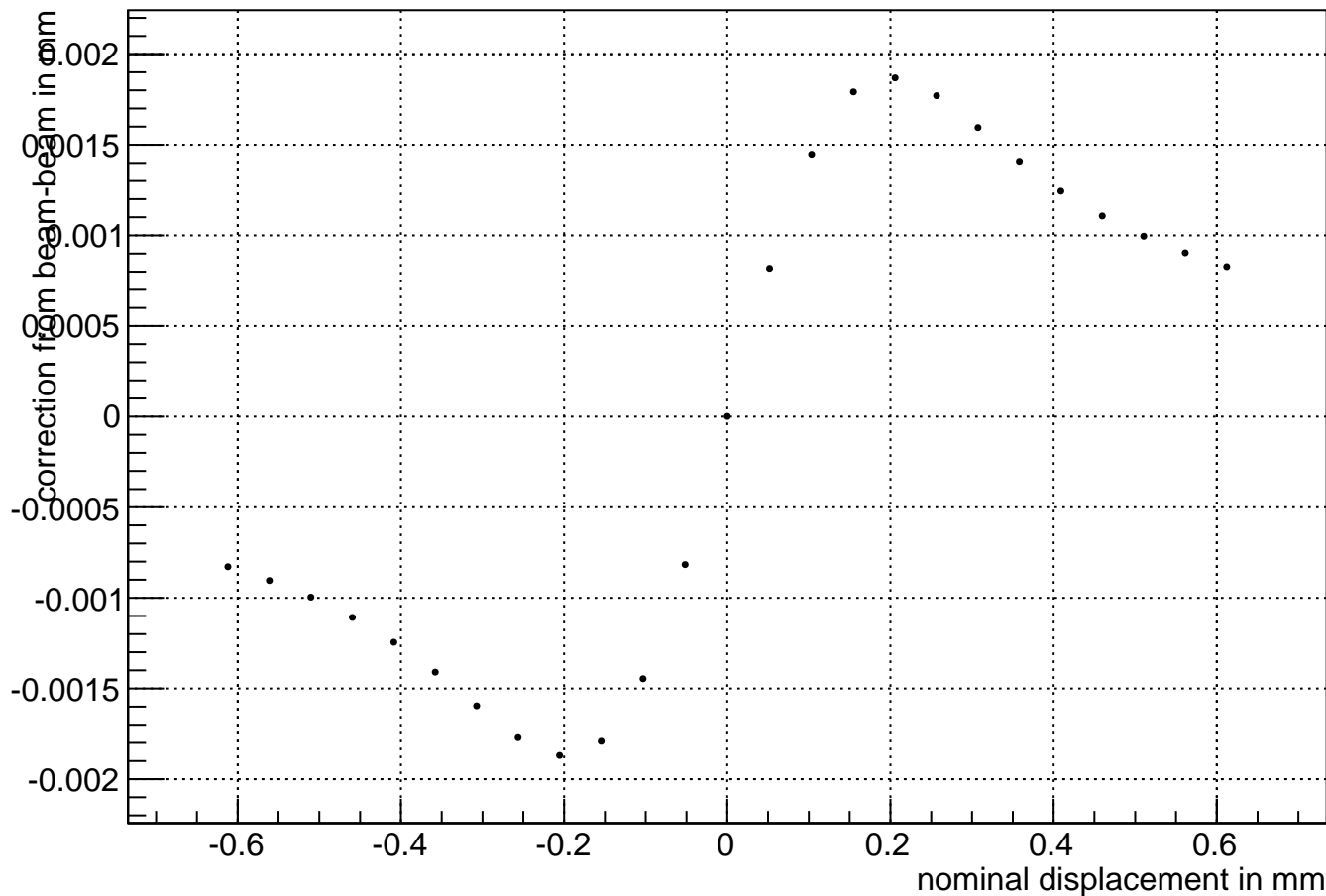




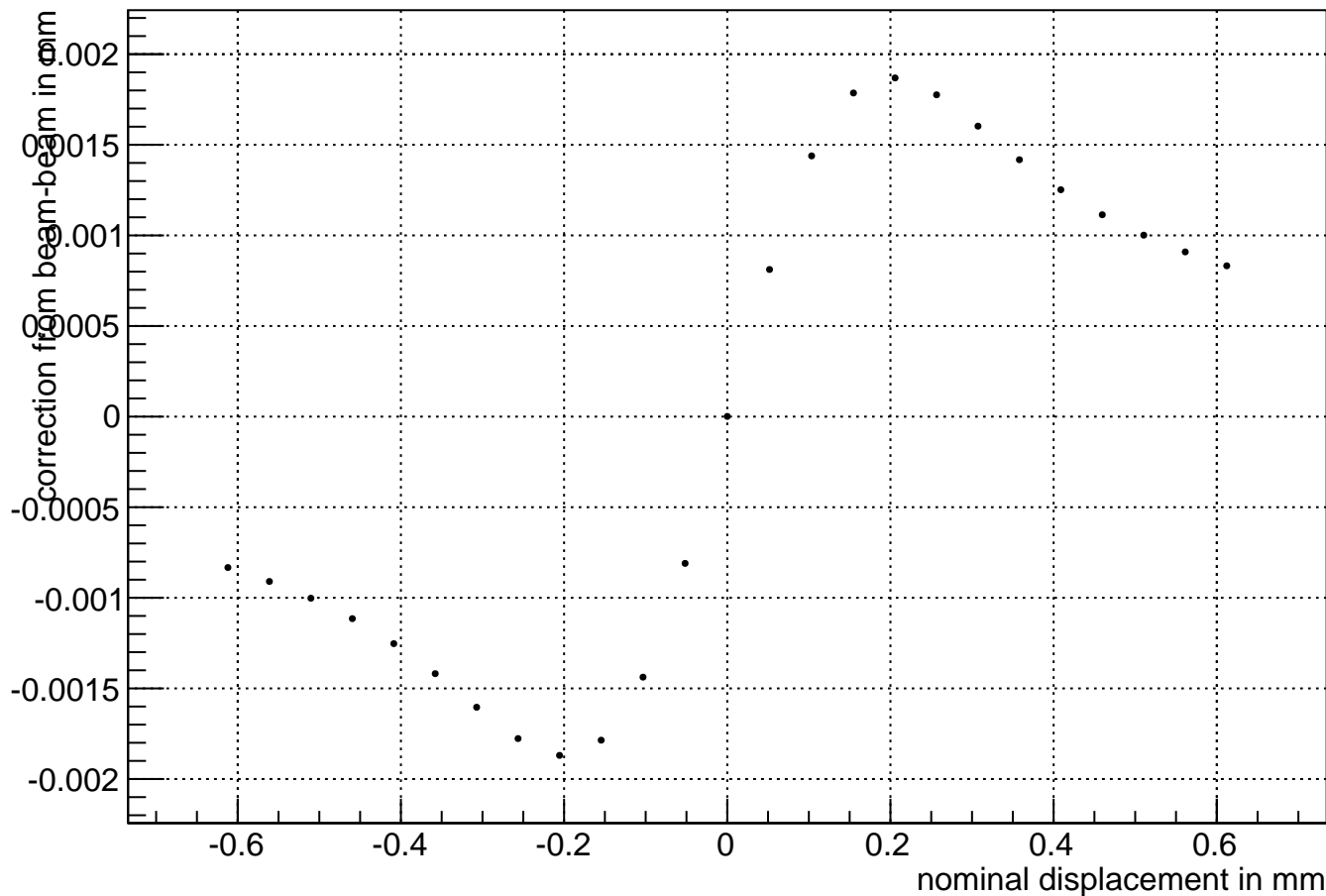
# BeamBeam correction for X2\_1011



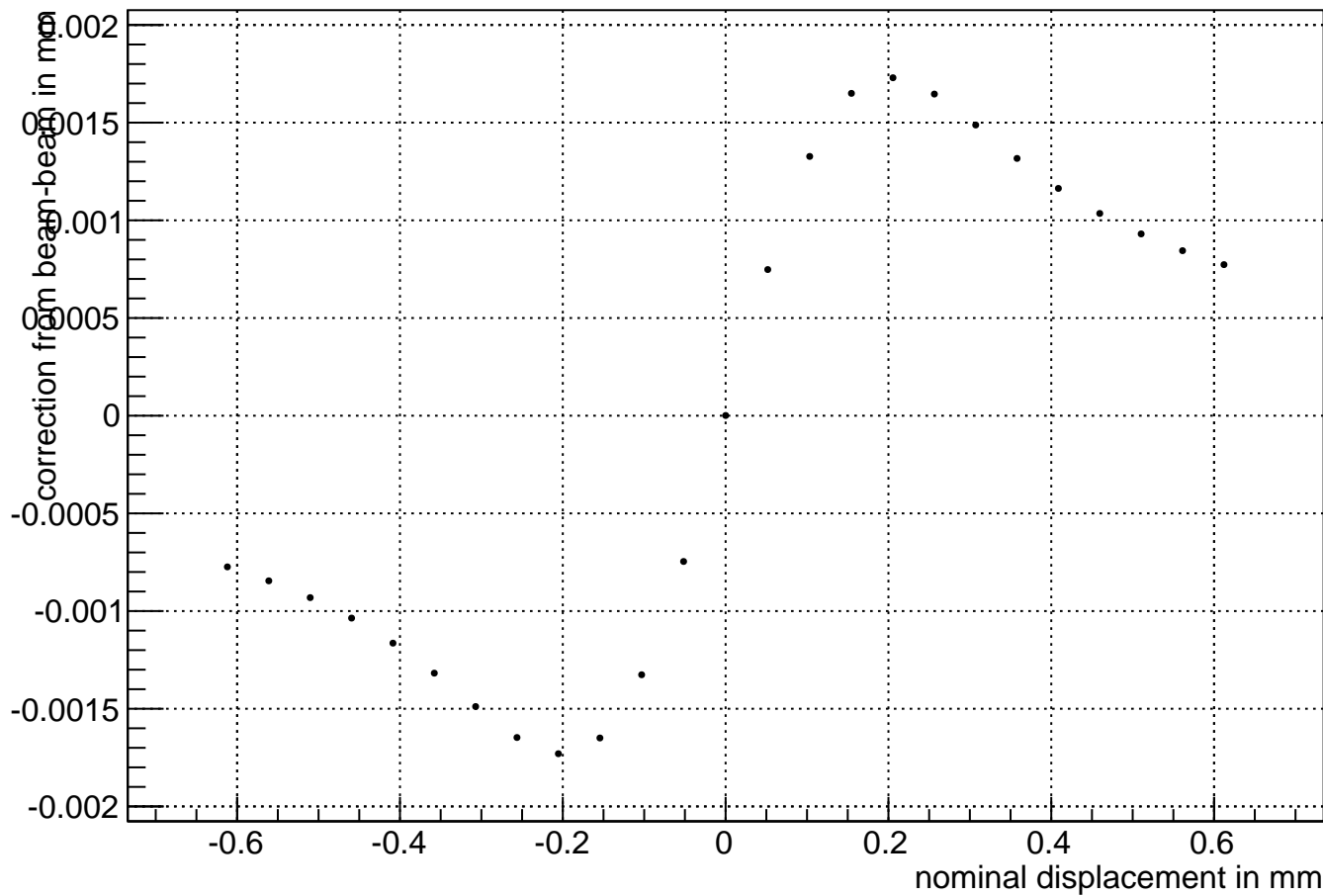
# BeamBeam correction for X2\_1631



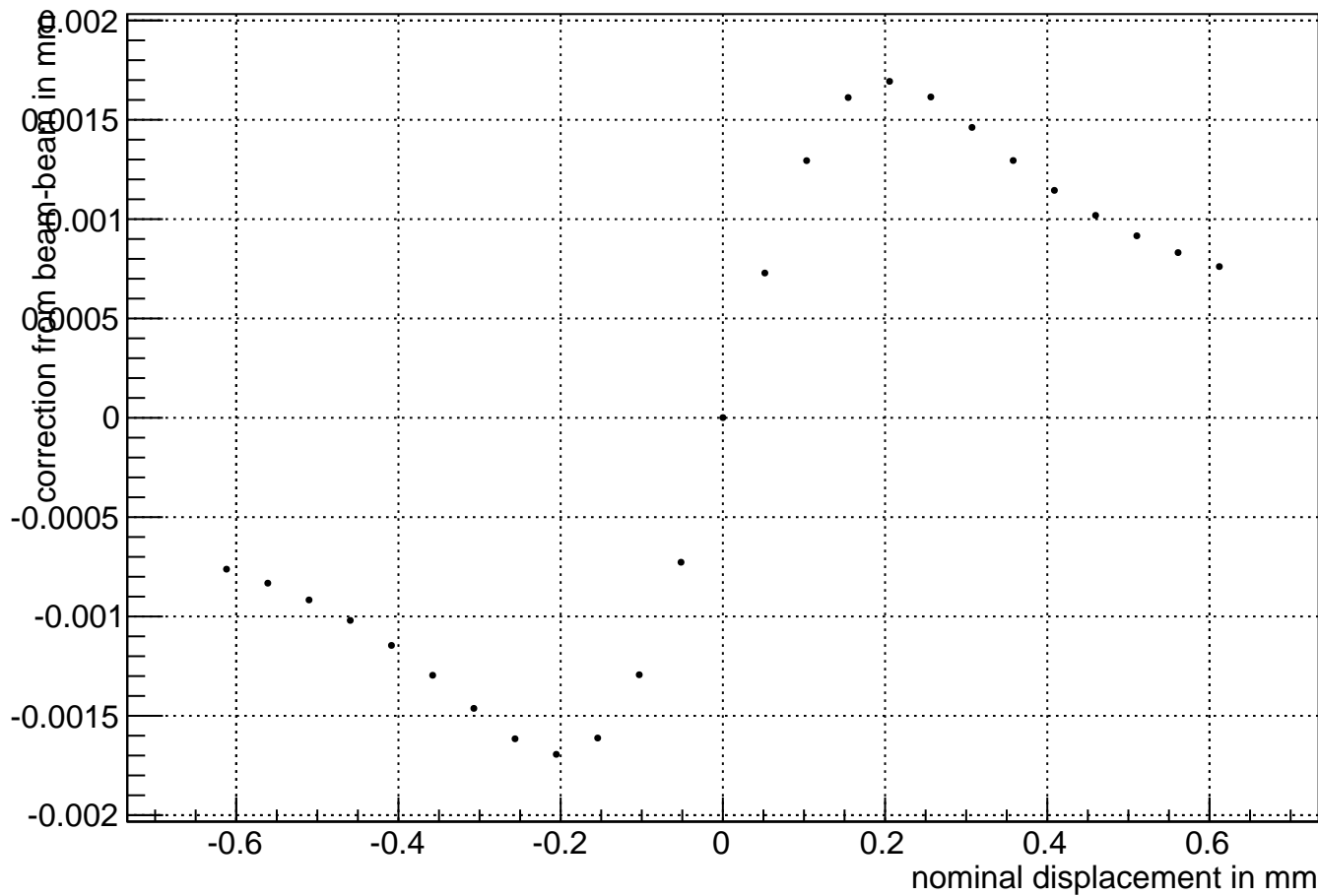
# BeamBeam correction for X2\_1671



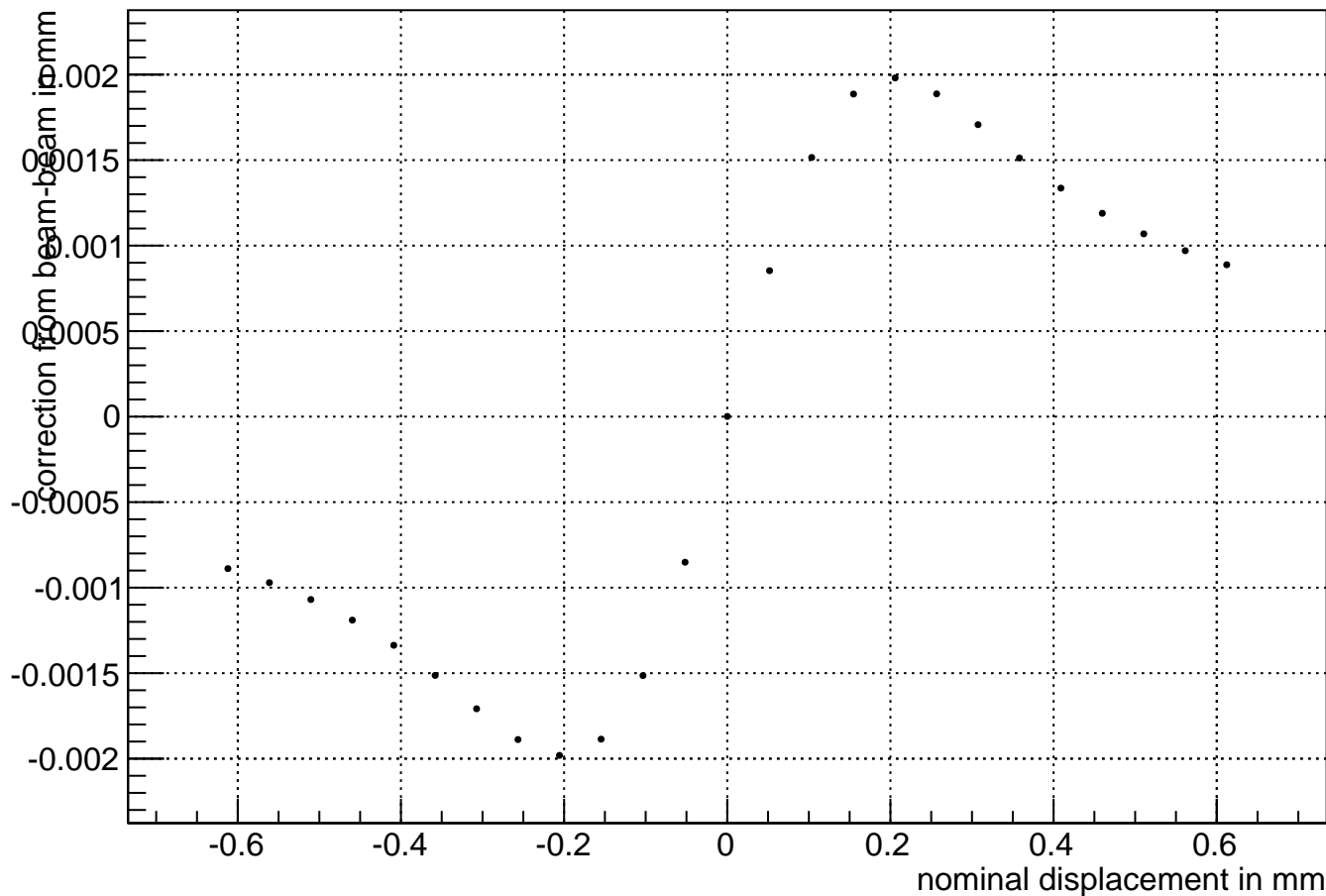
# BeamBeam correction for X2\_1711



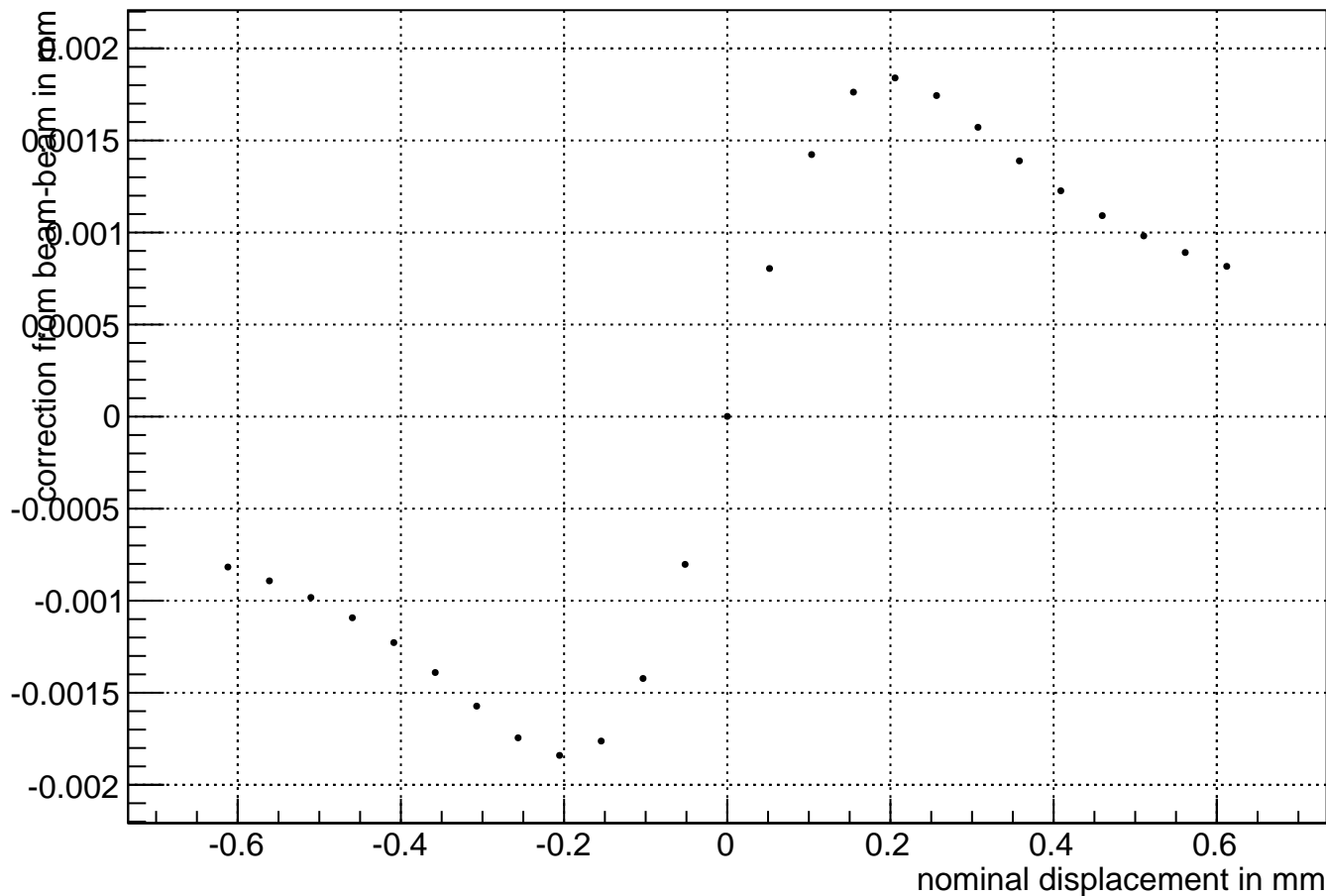
# BeamBeam correction for X2\_1751



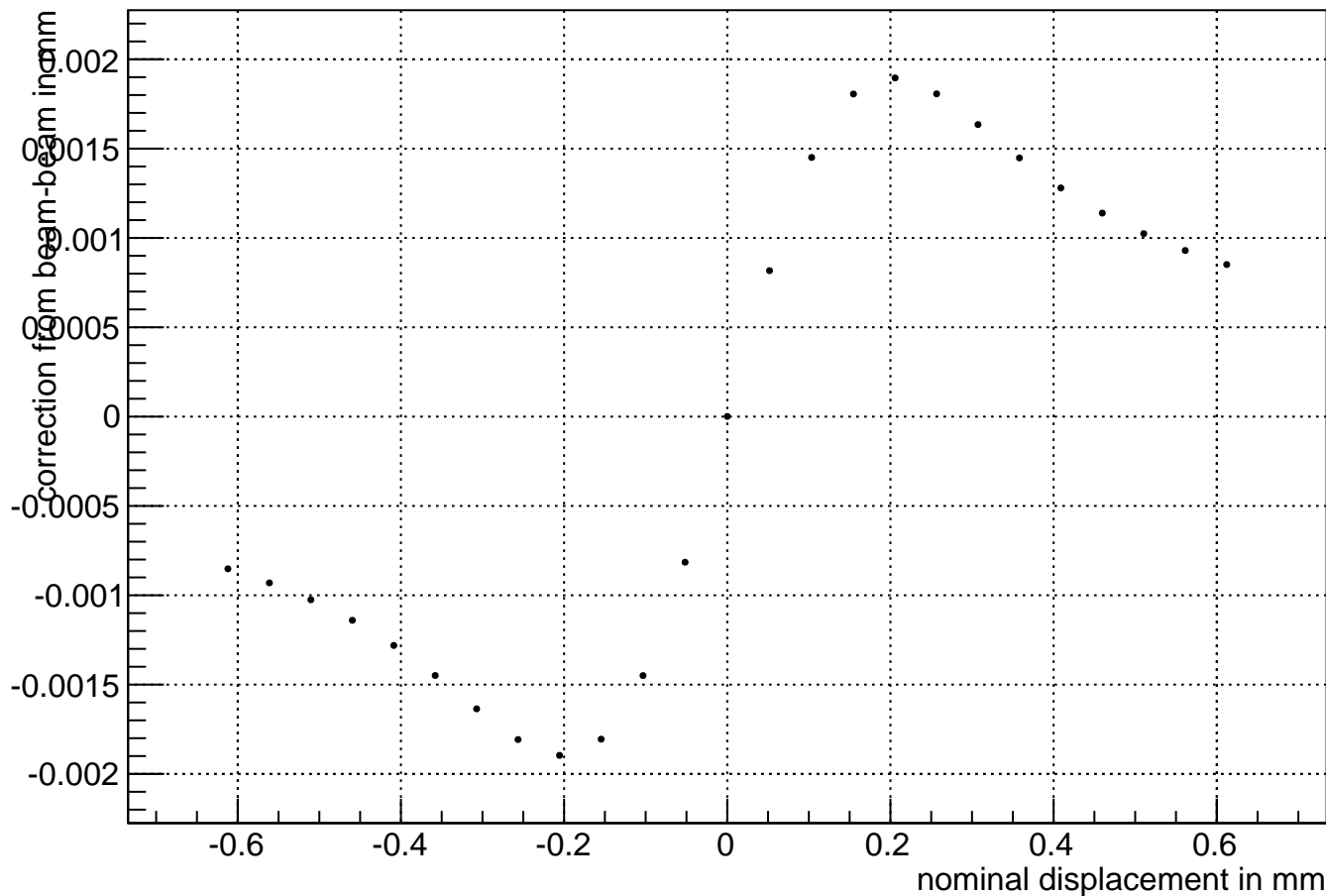
# BeamBeam correction for X2\_1791



# BeamBeam correction for X2\_1831

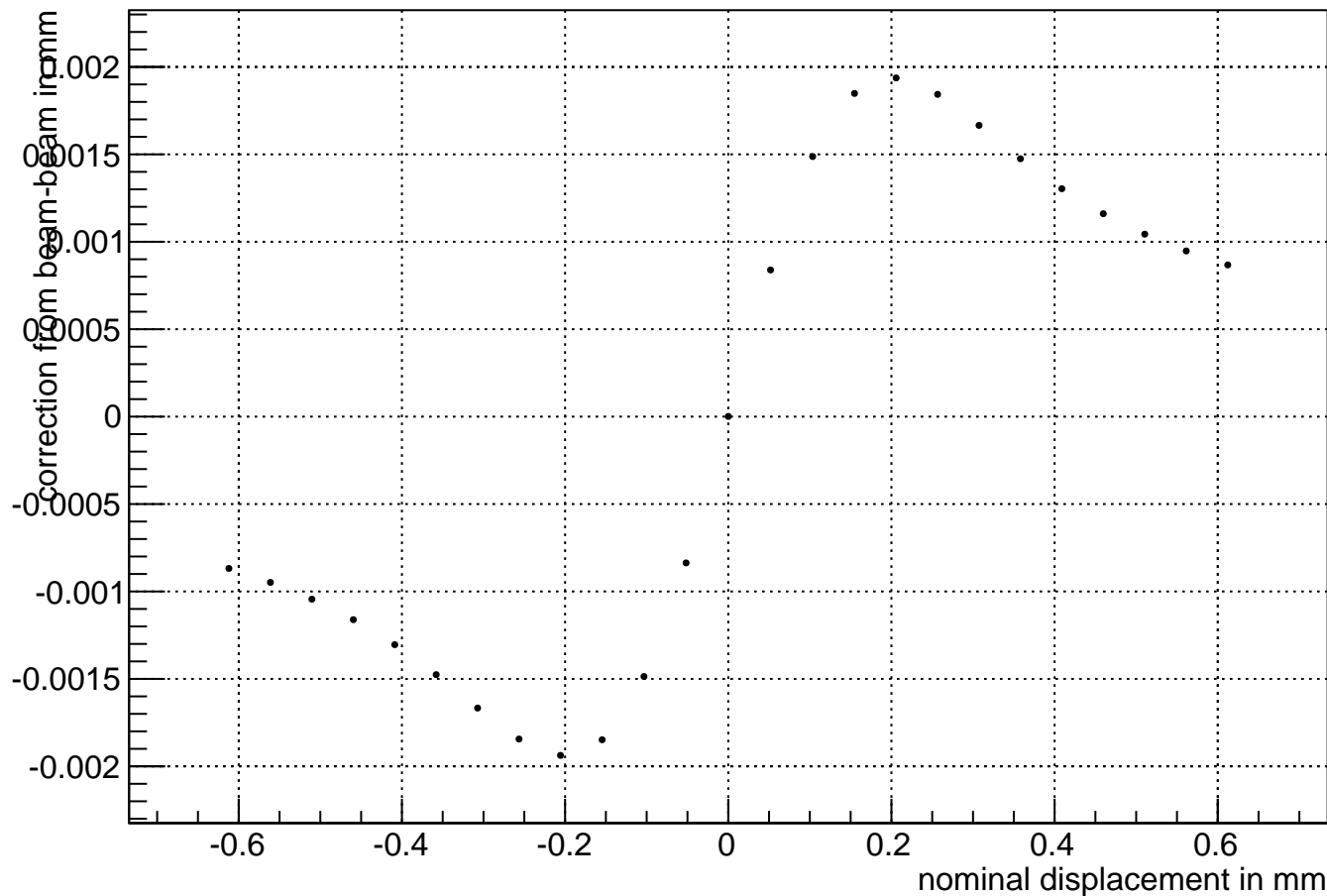


# BeamBeam correction for X2\_1871

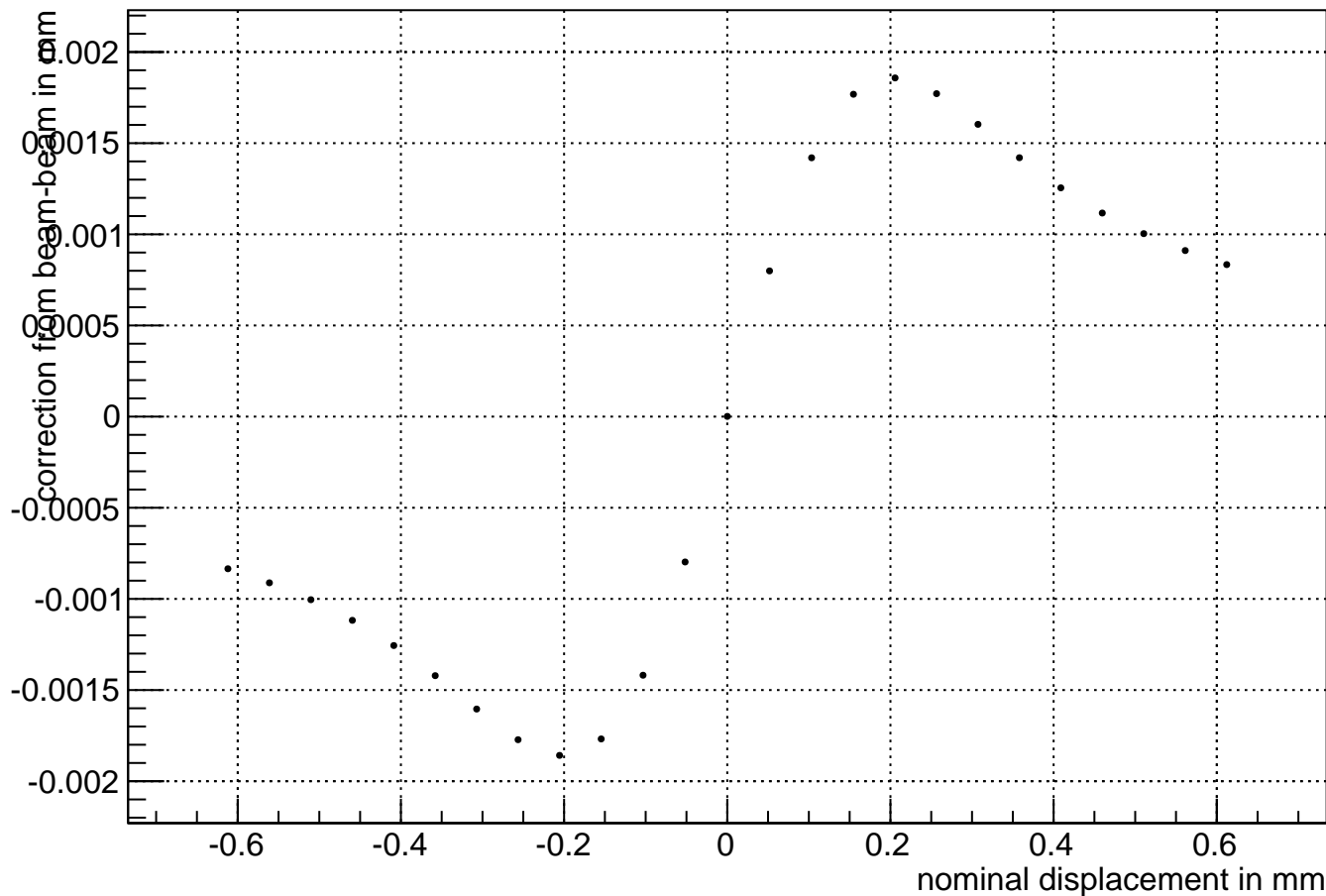




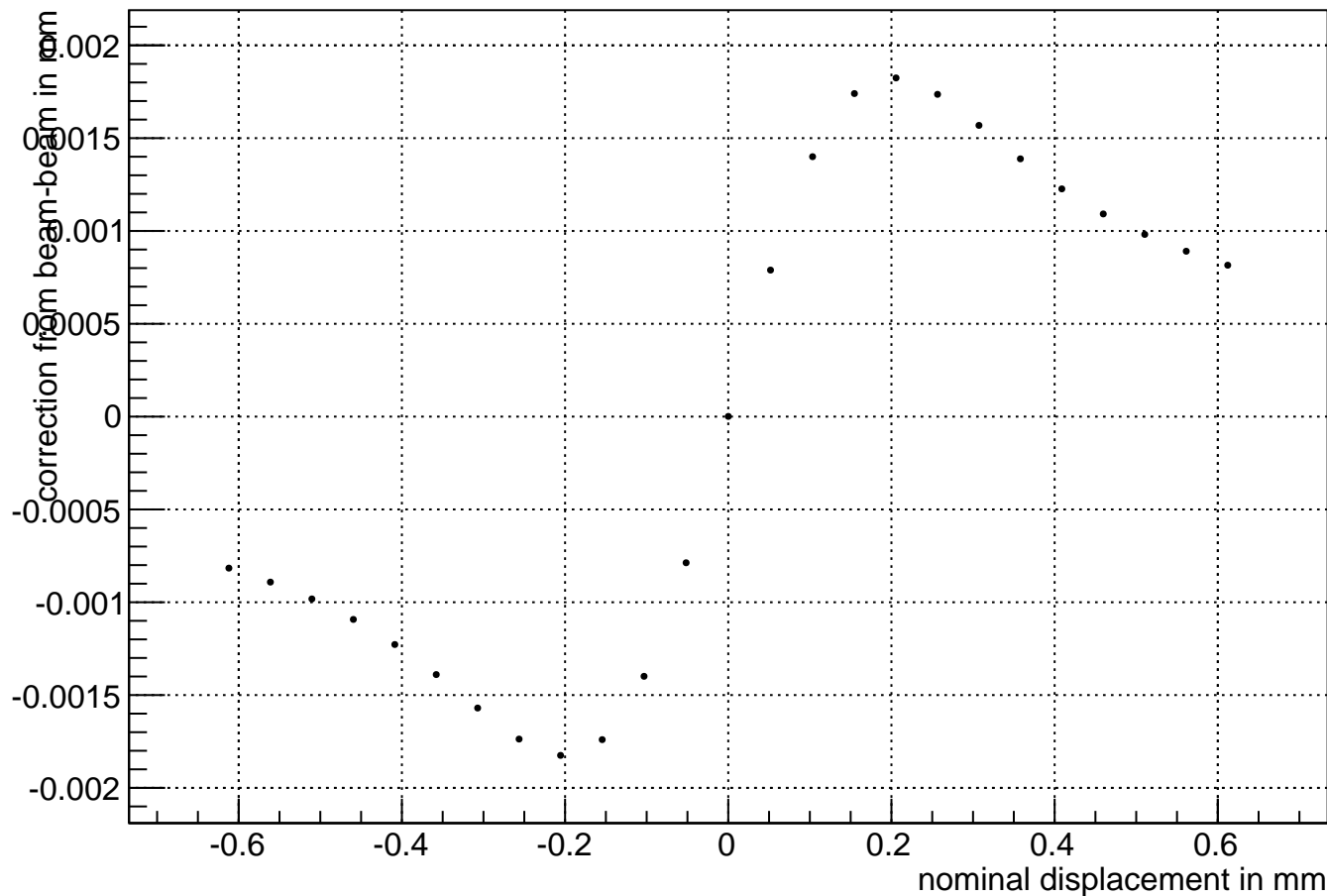
# BeamBeam correction for X2\_2211



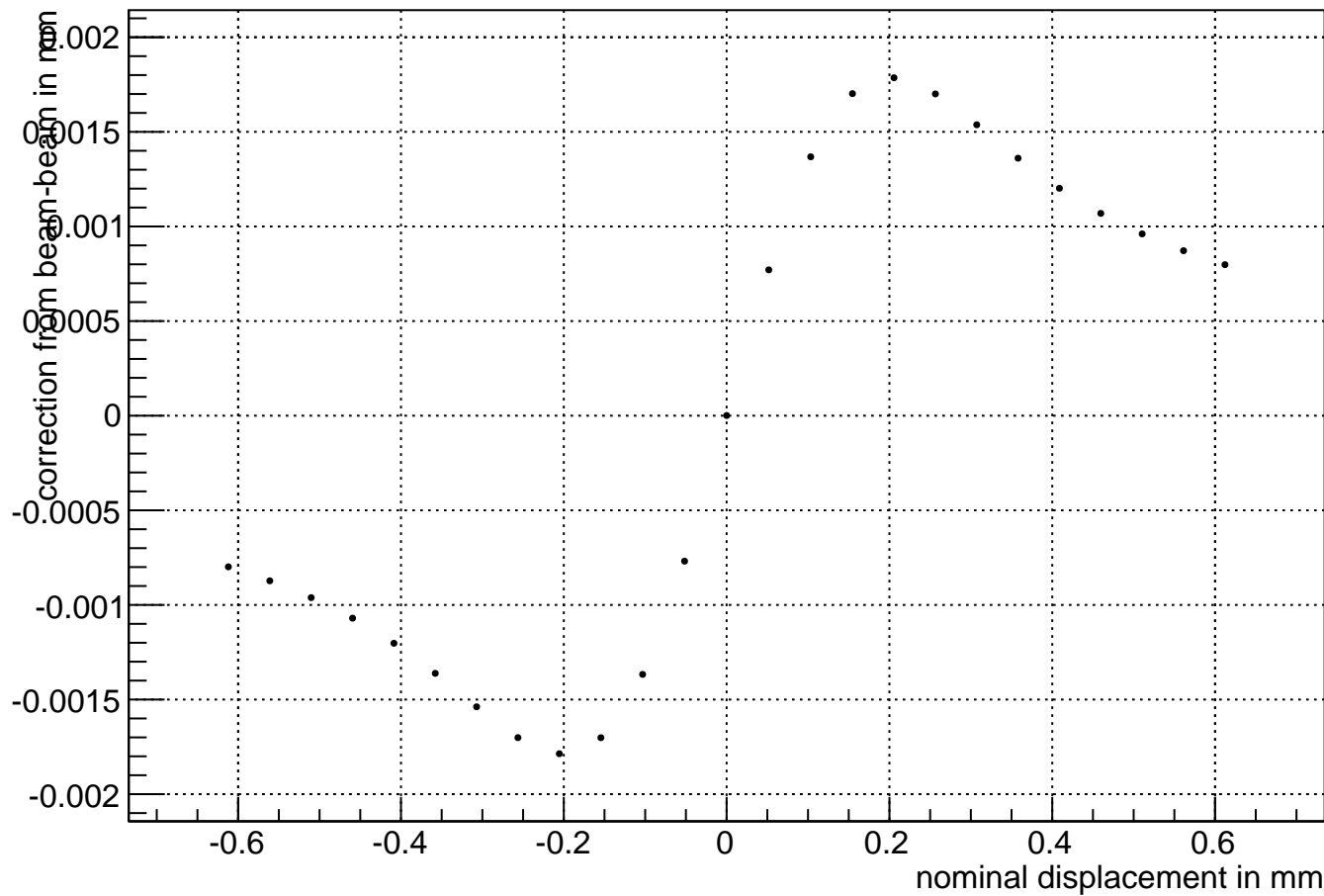
# BeamBeam correction for X2\_2251



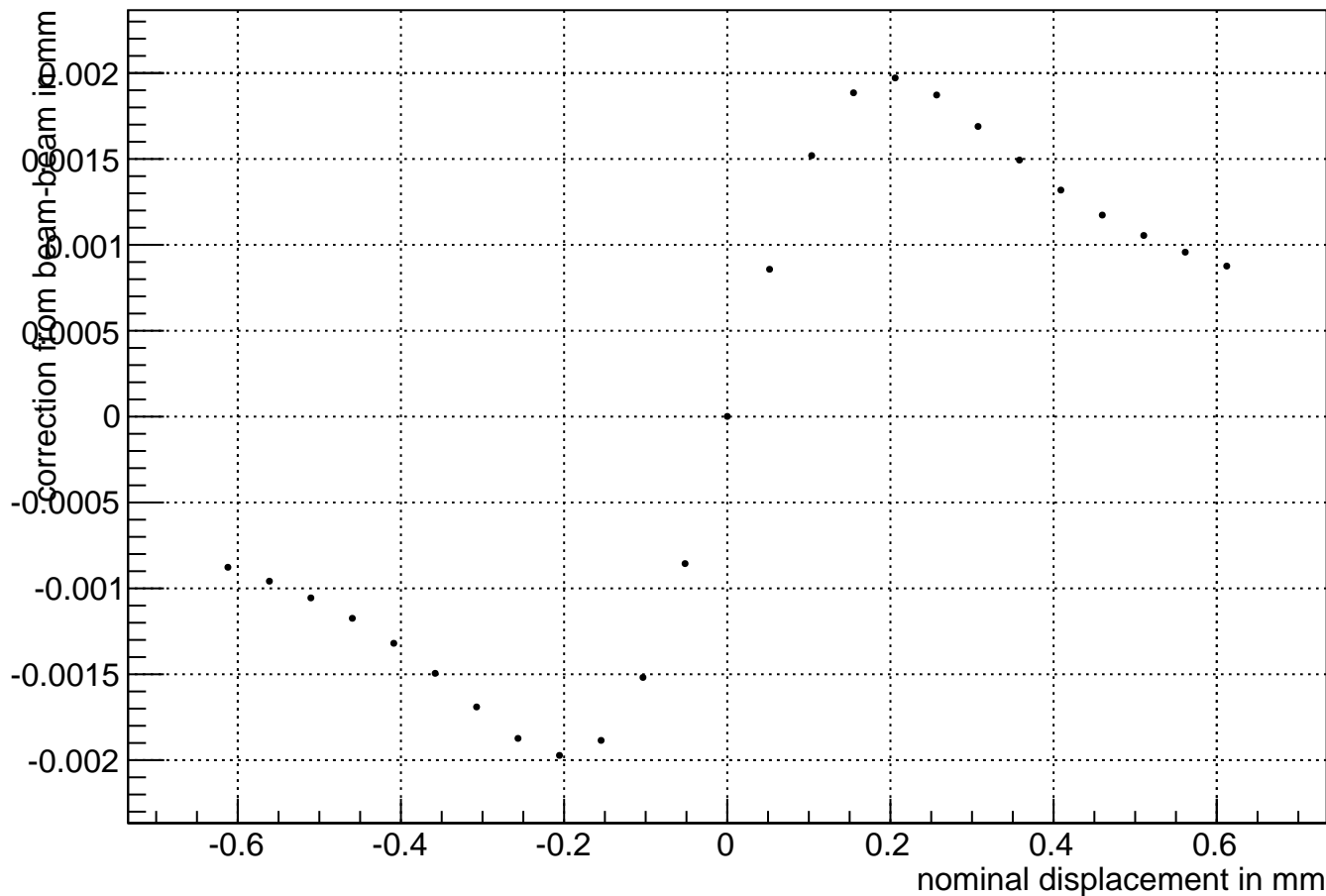
# BeamBeam correction for X2\_2291



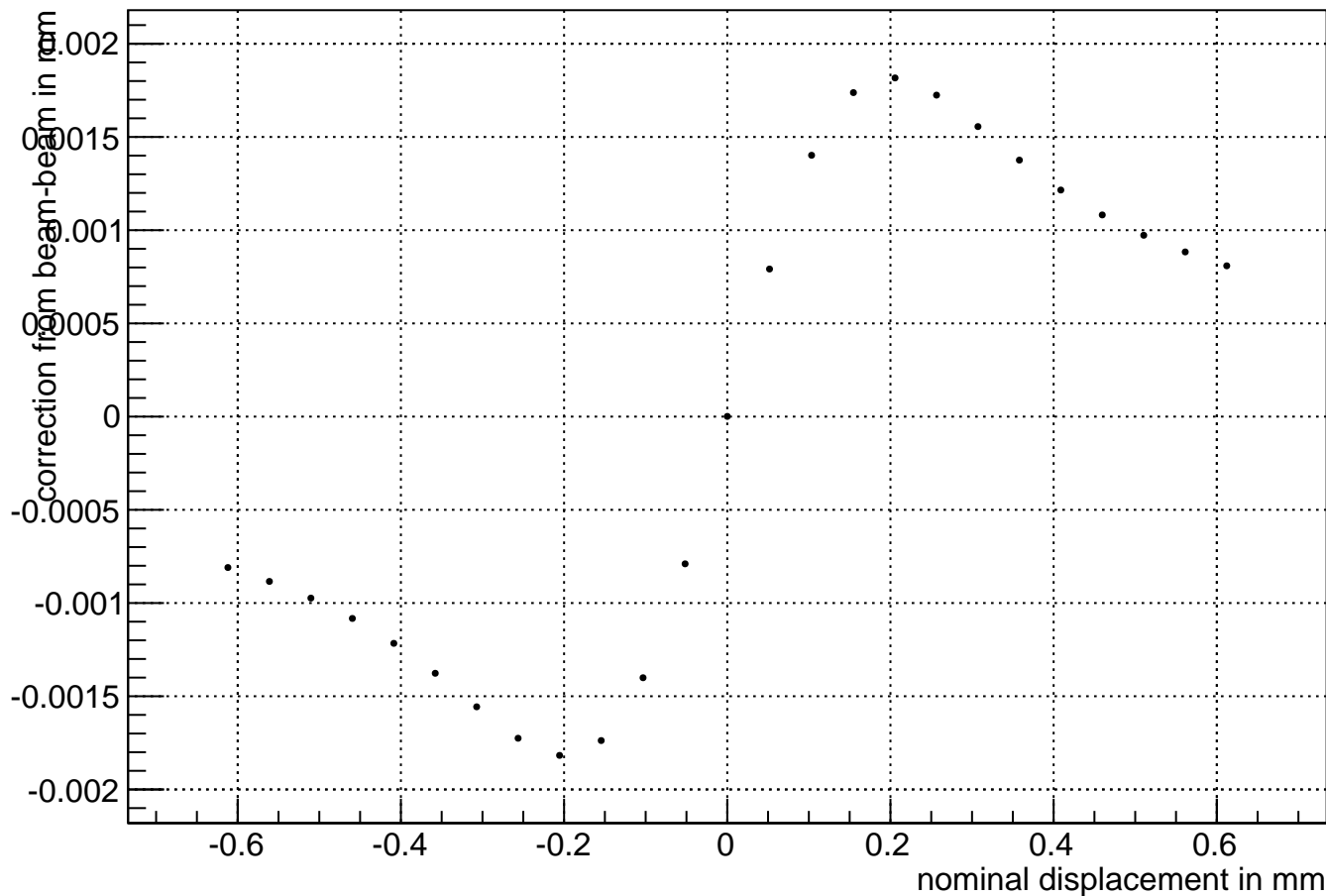
# BeamBeam correction for X2\_2331



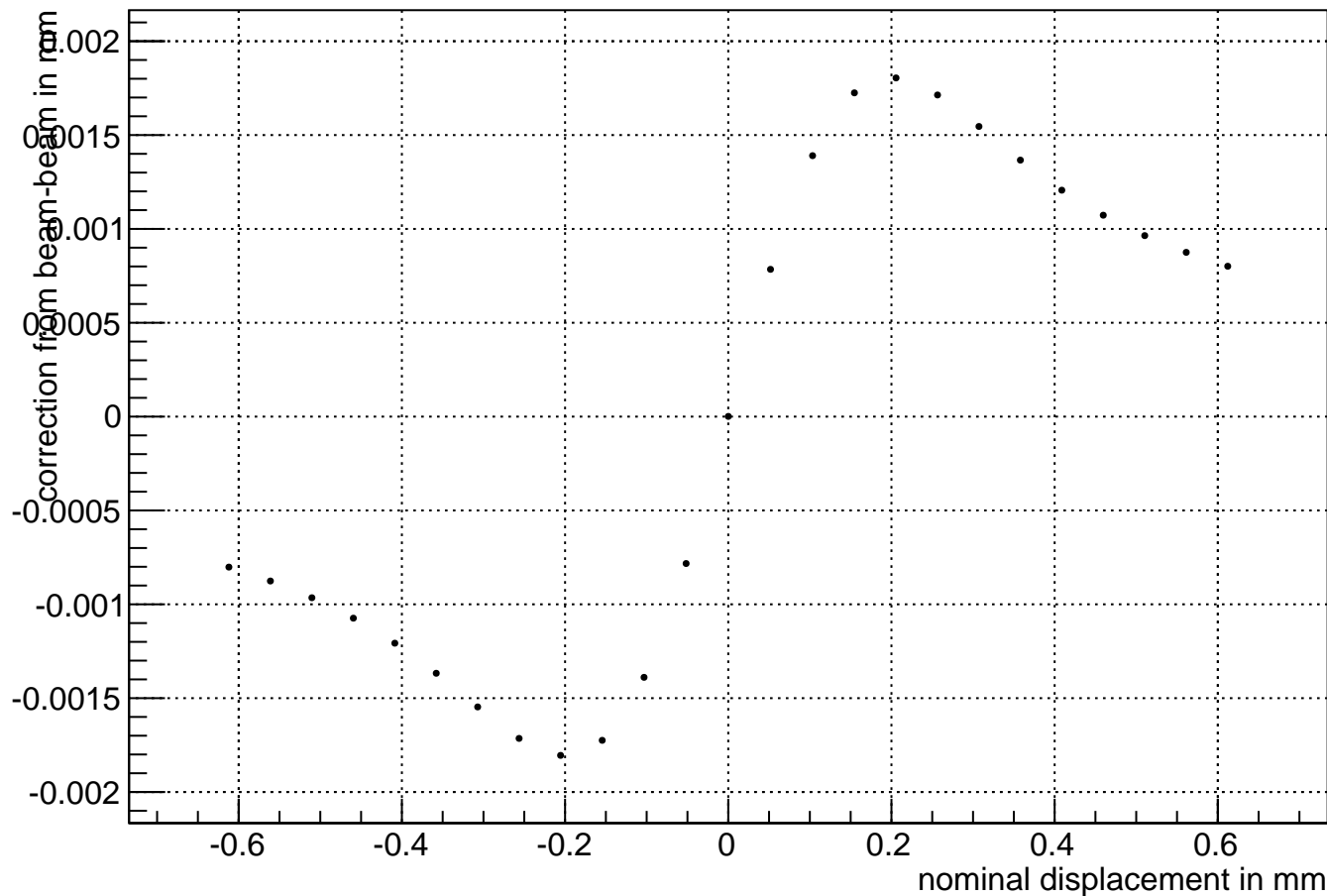
# BeamBeam correction for X2\_2371



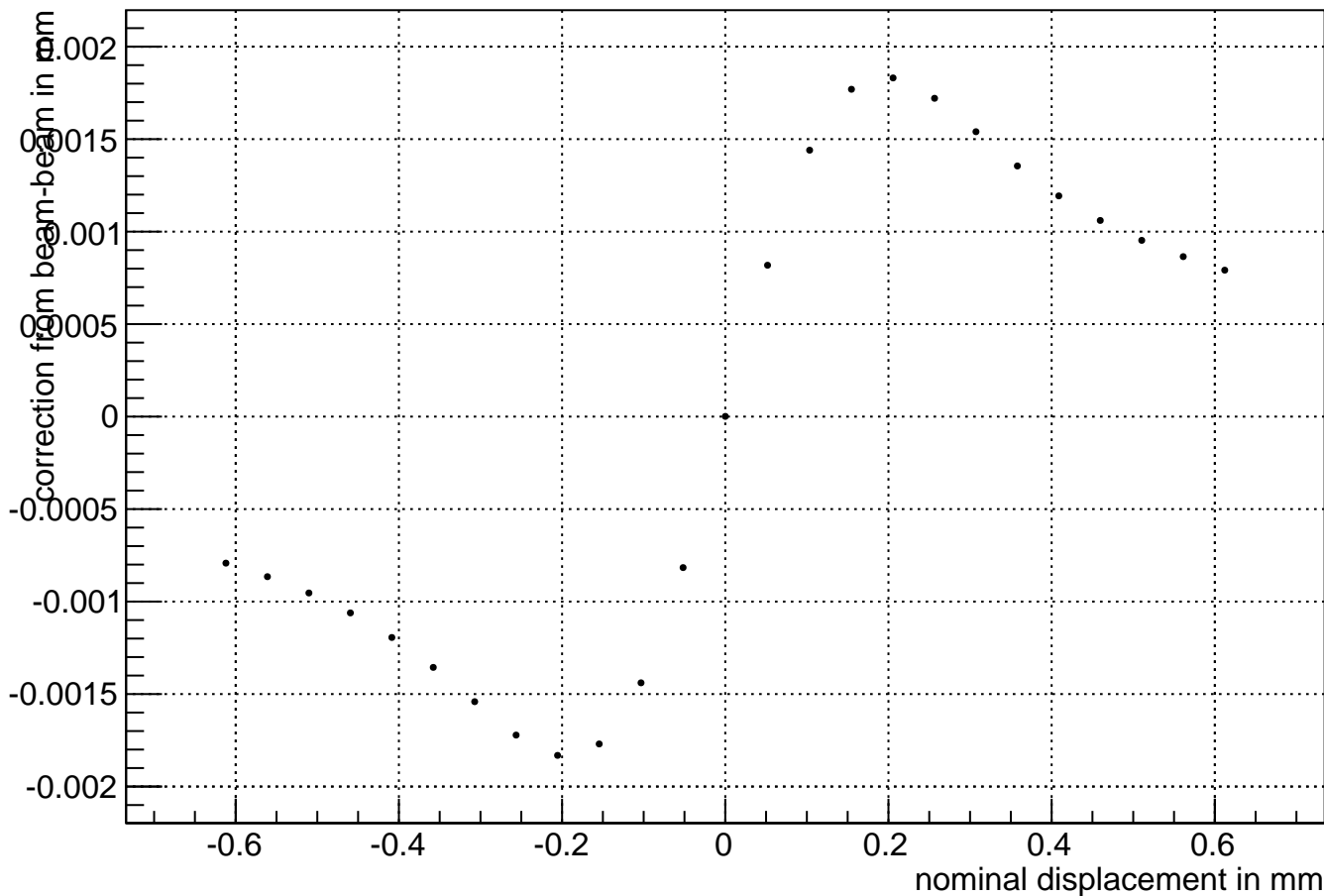
# BeamBeam correction for X2\_2411



# BeamBeam correction for X2\_2451

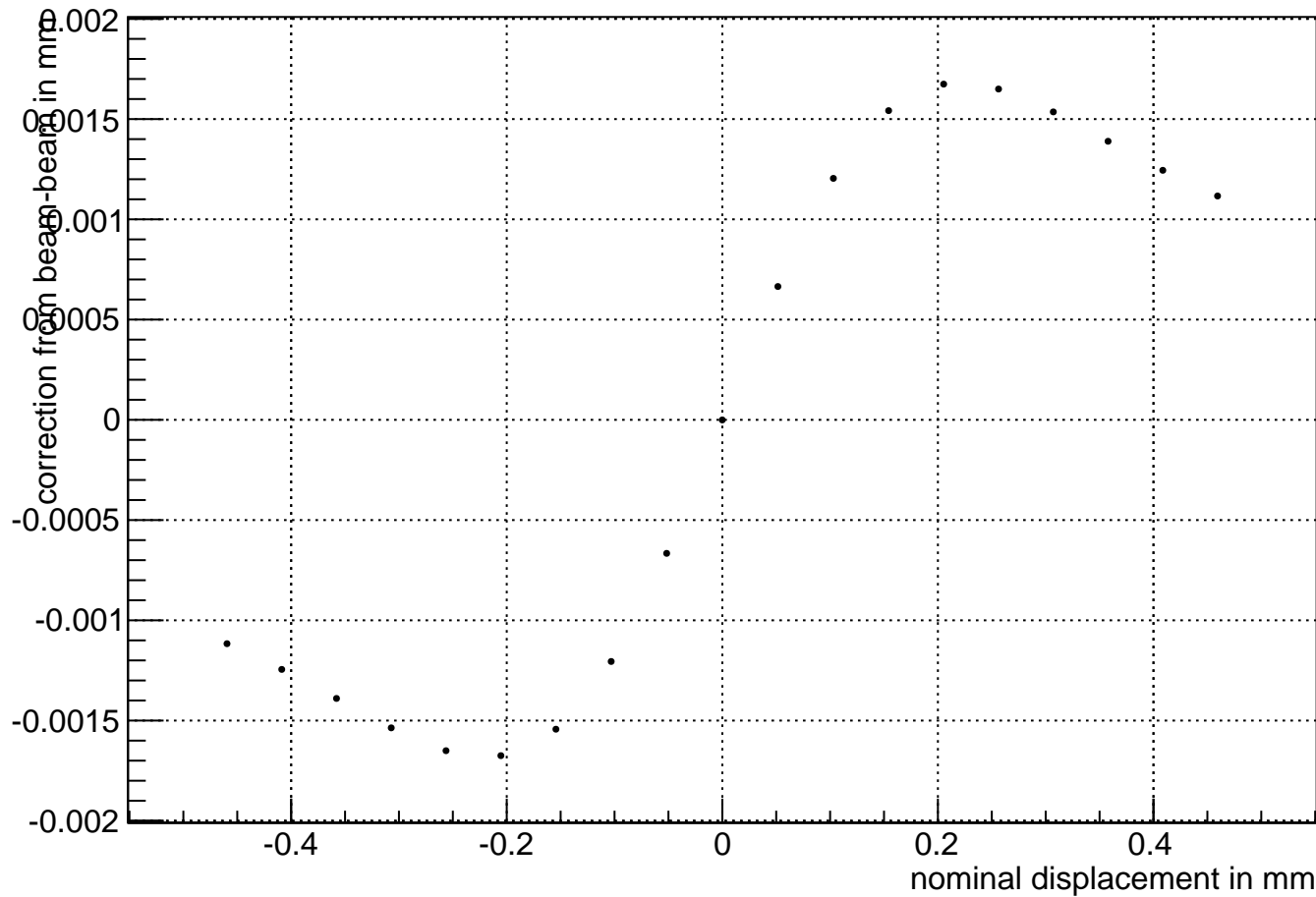


# BeamBeam correction for X2\_2674

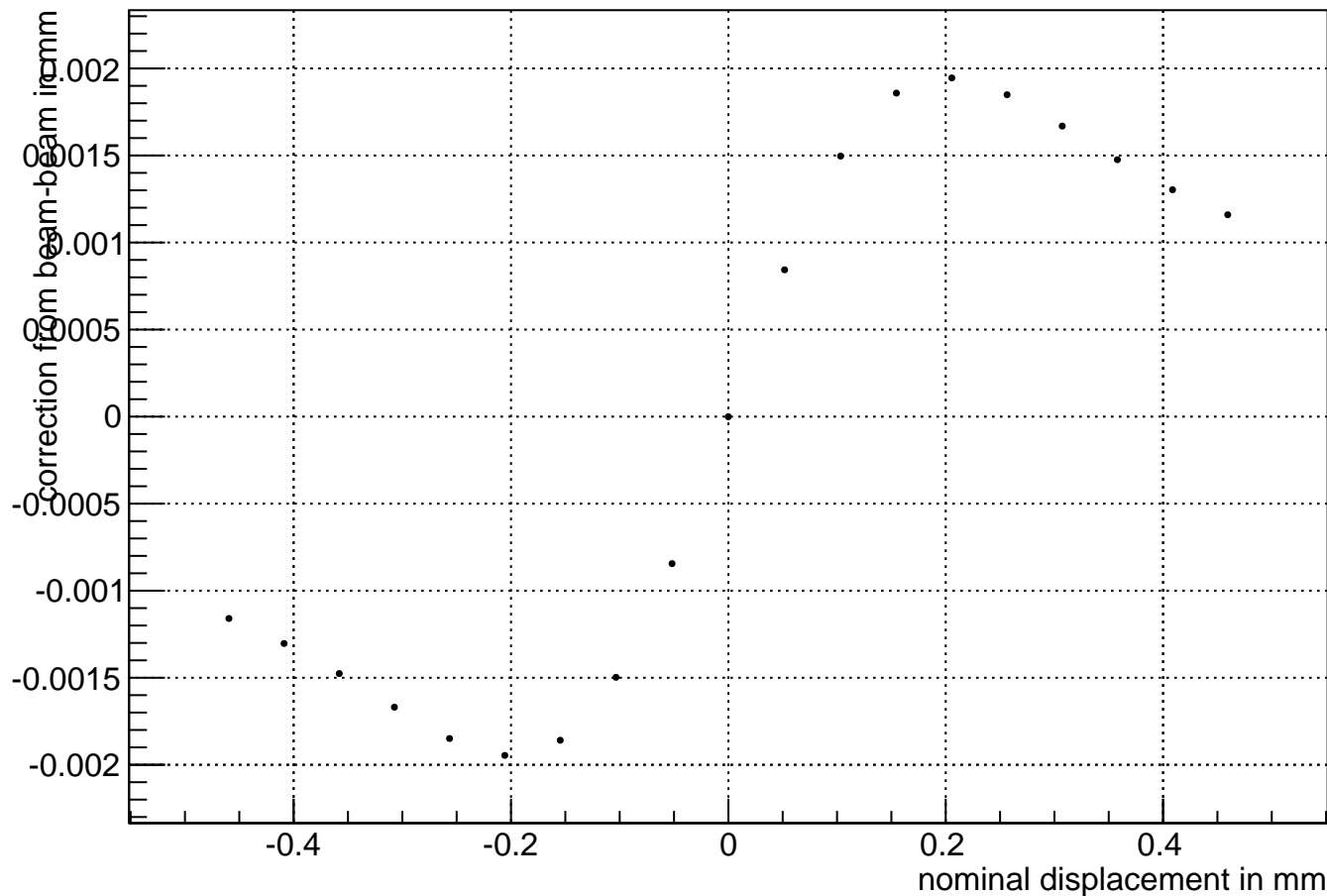




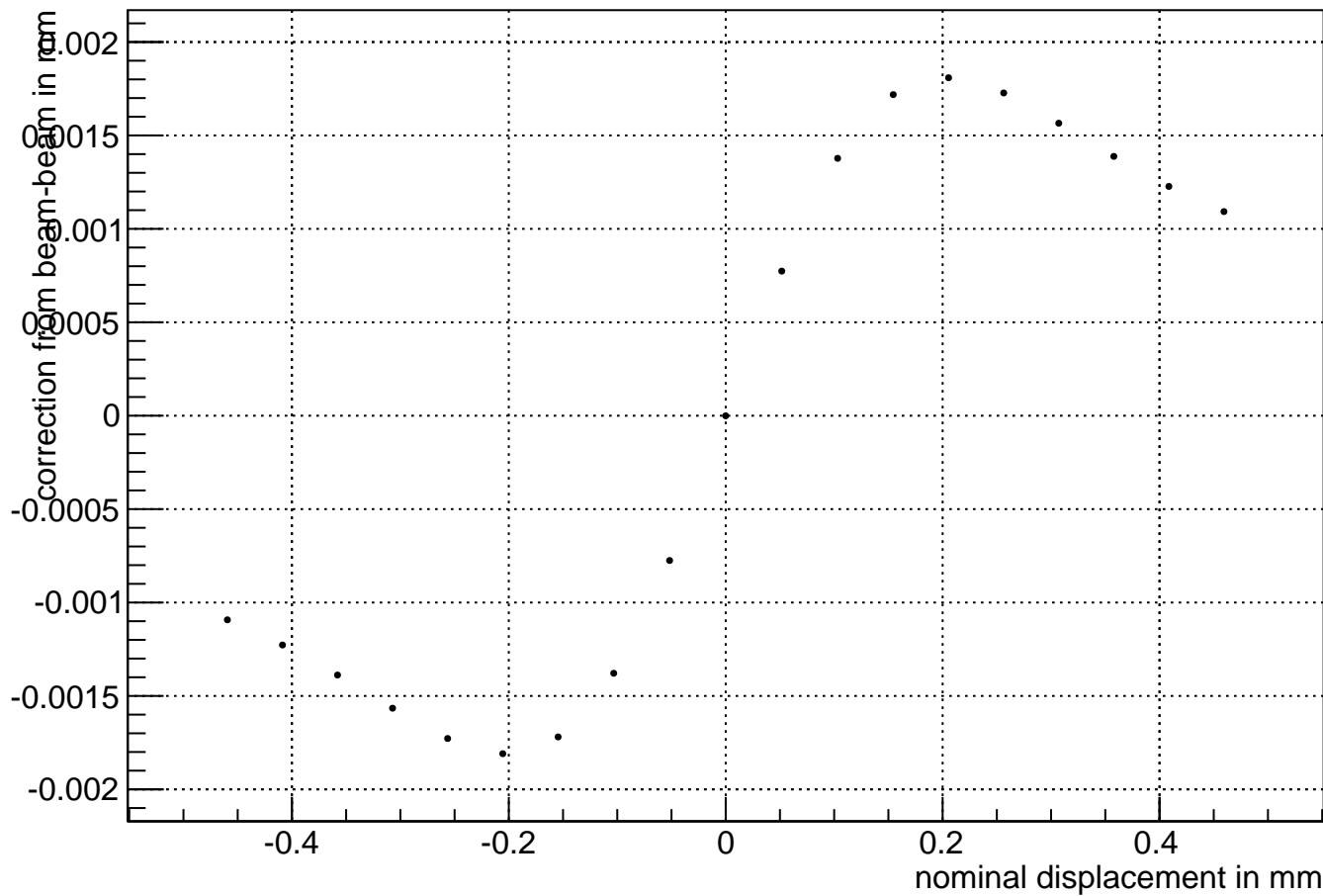
# BeamBeam correction for X3\_1



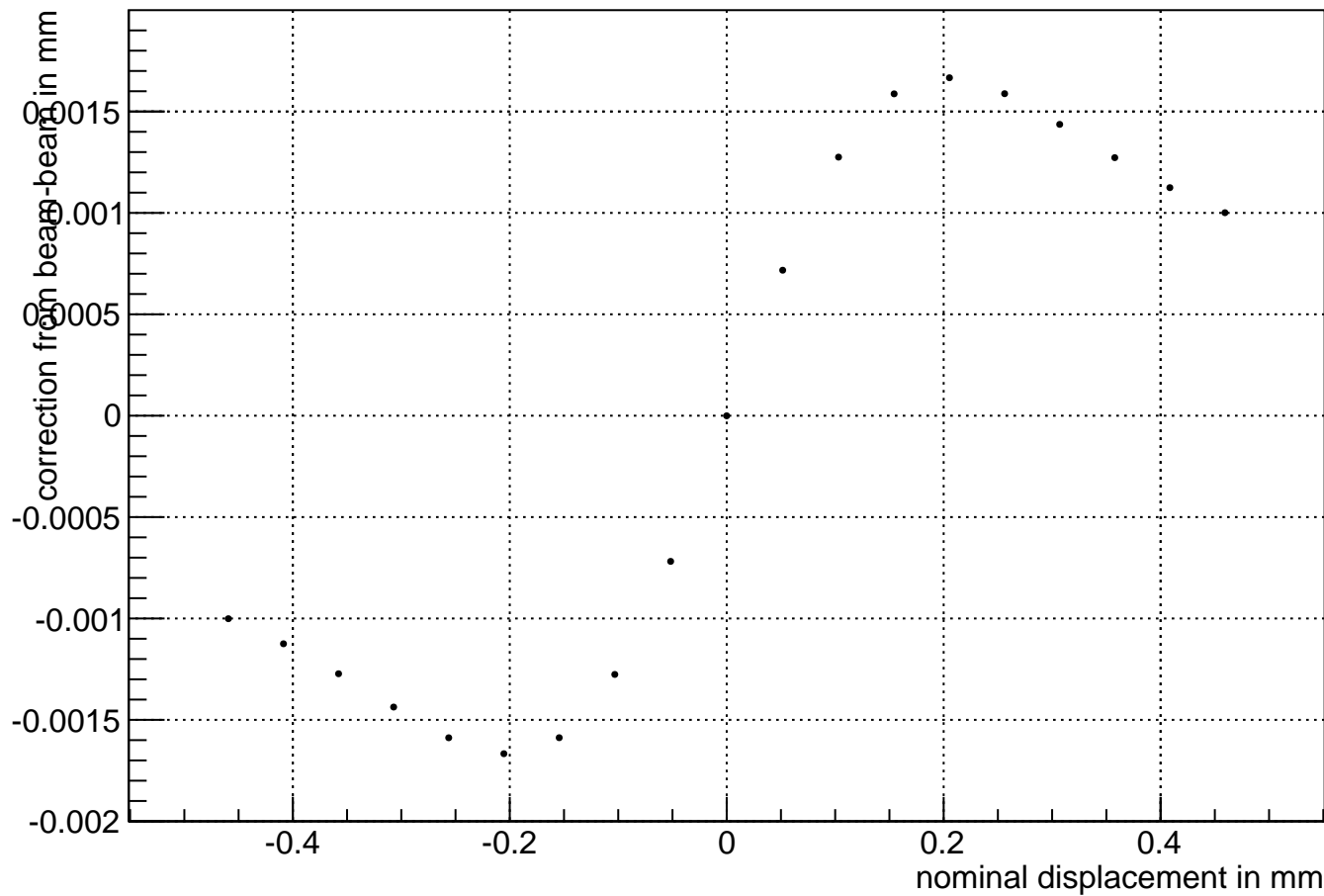
# BeamBeam correction for X3\_51



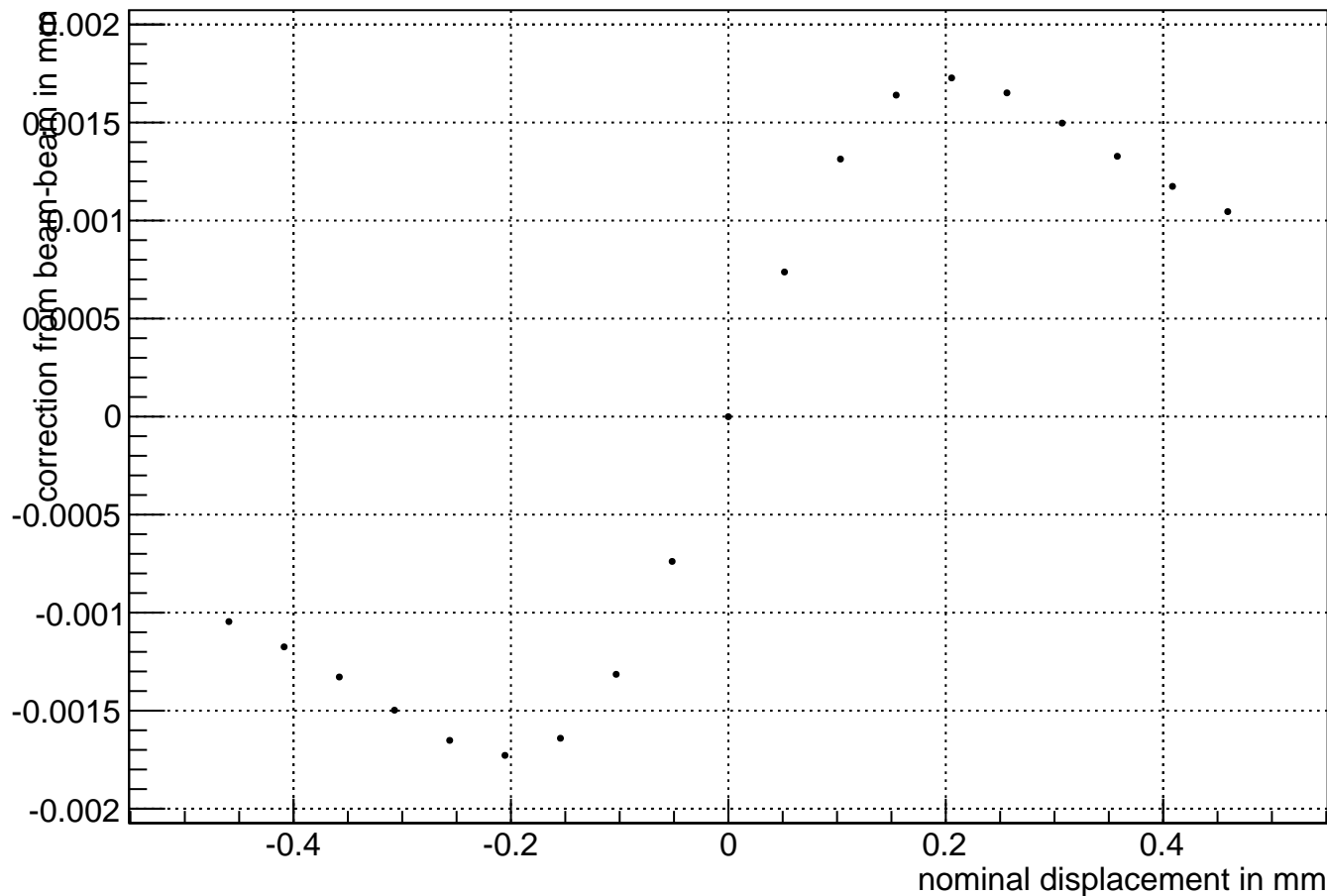
# BeamBeam correction for X3\_91



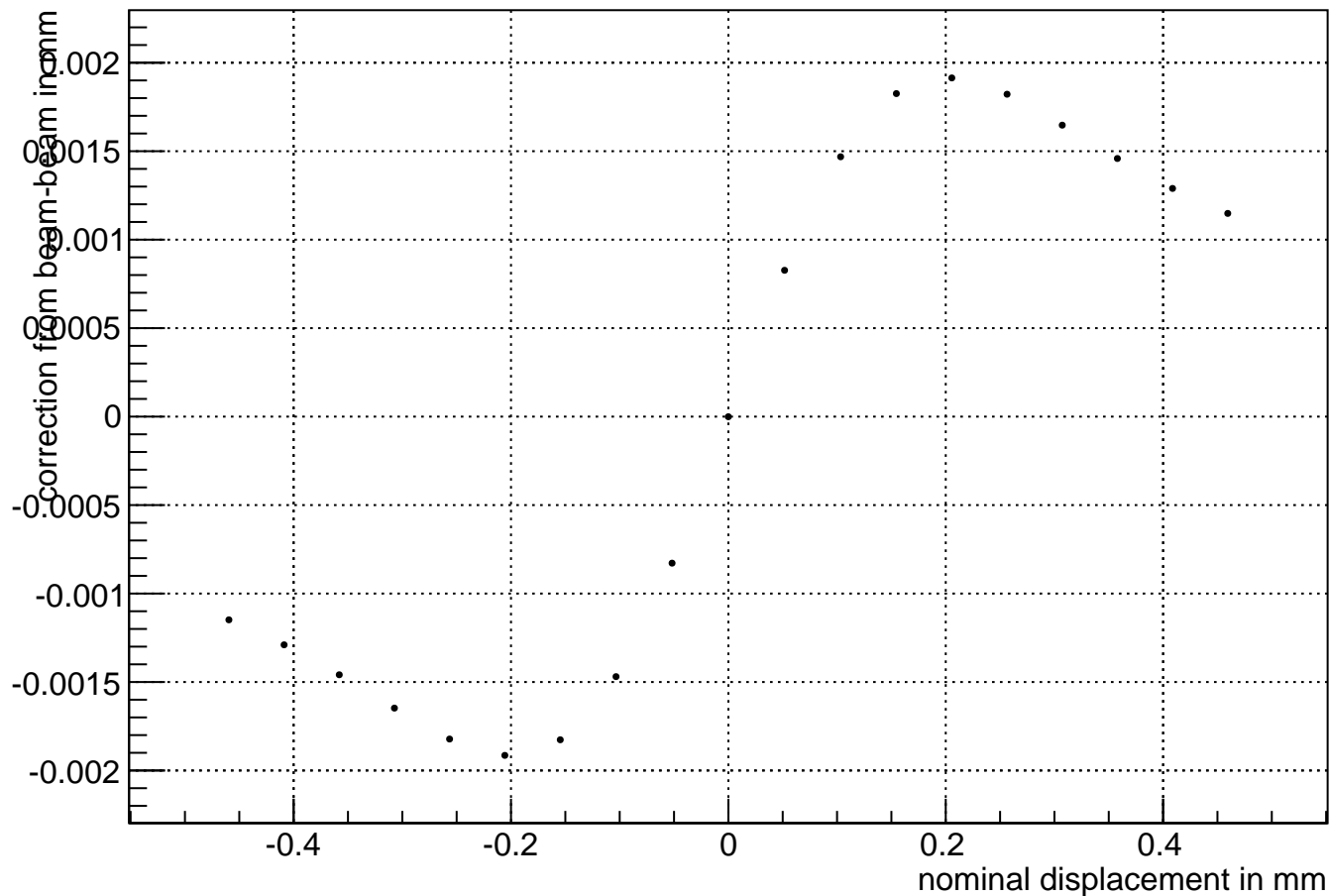
# BeamBeam correction for X3\_131



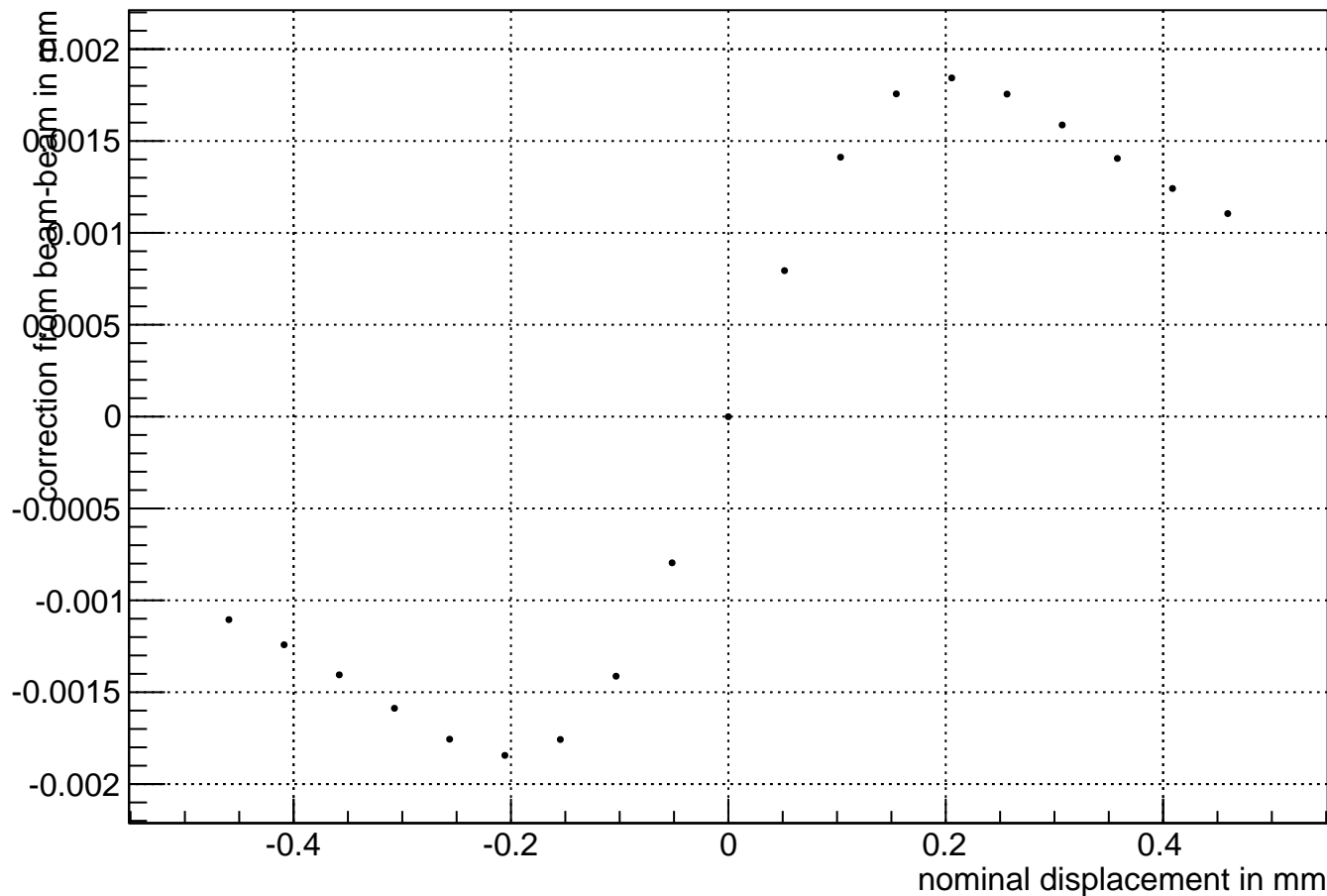
# BeamBeam correction for X3\_171



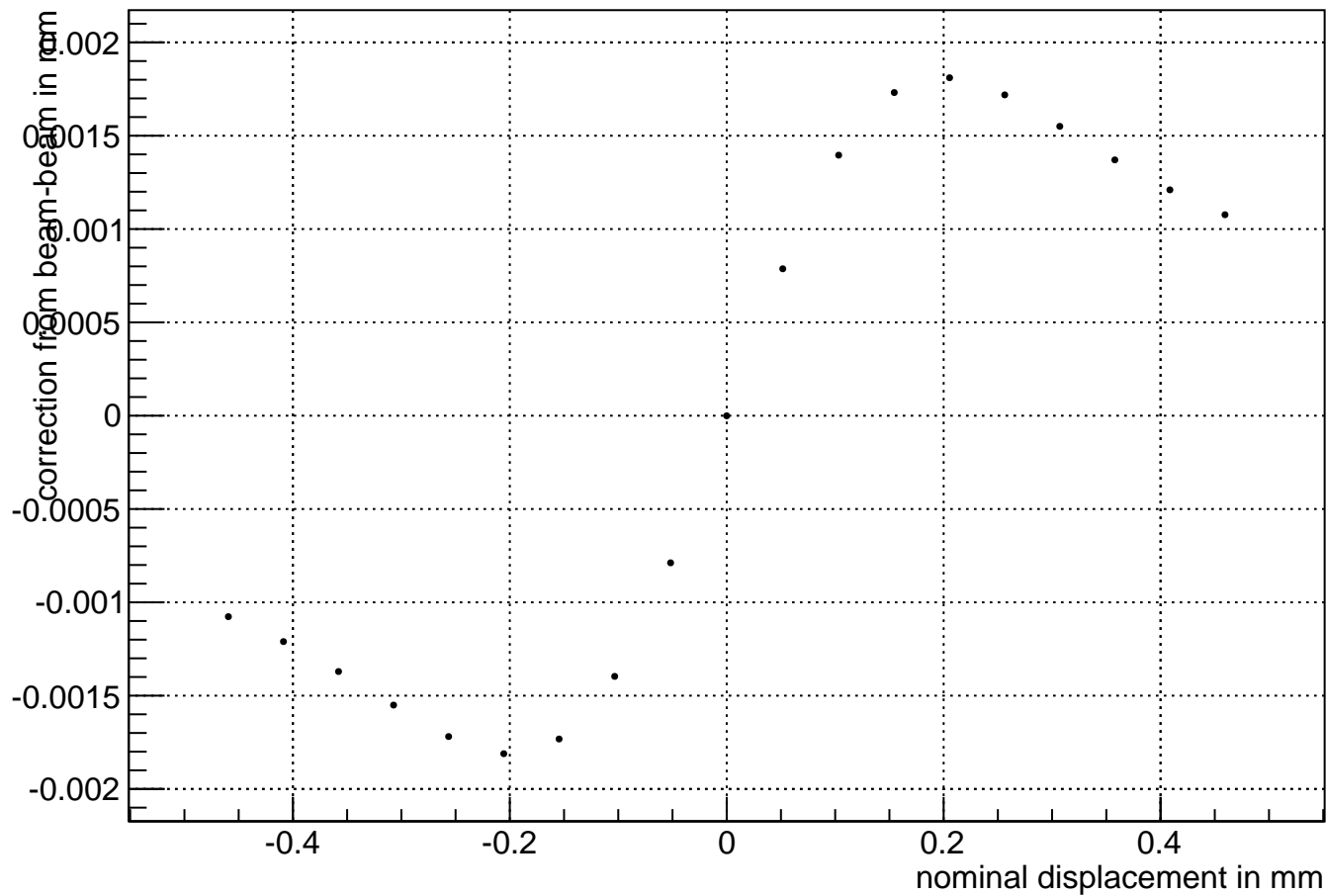
# BeamBeam correction for X3\_211



# BeamBeam correction for X3\_251

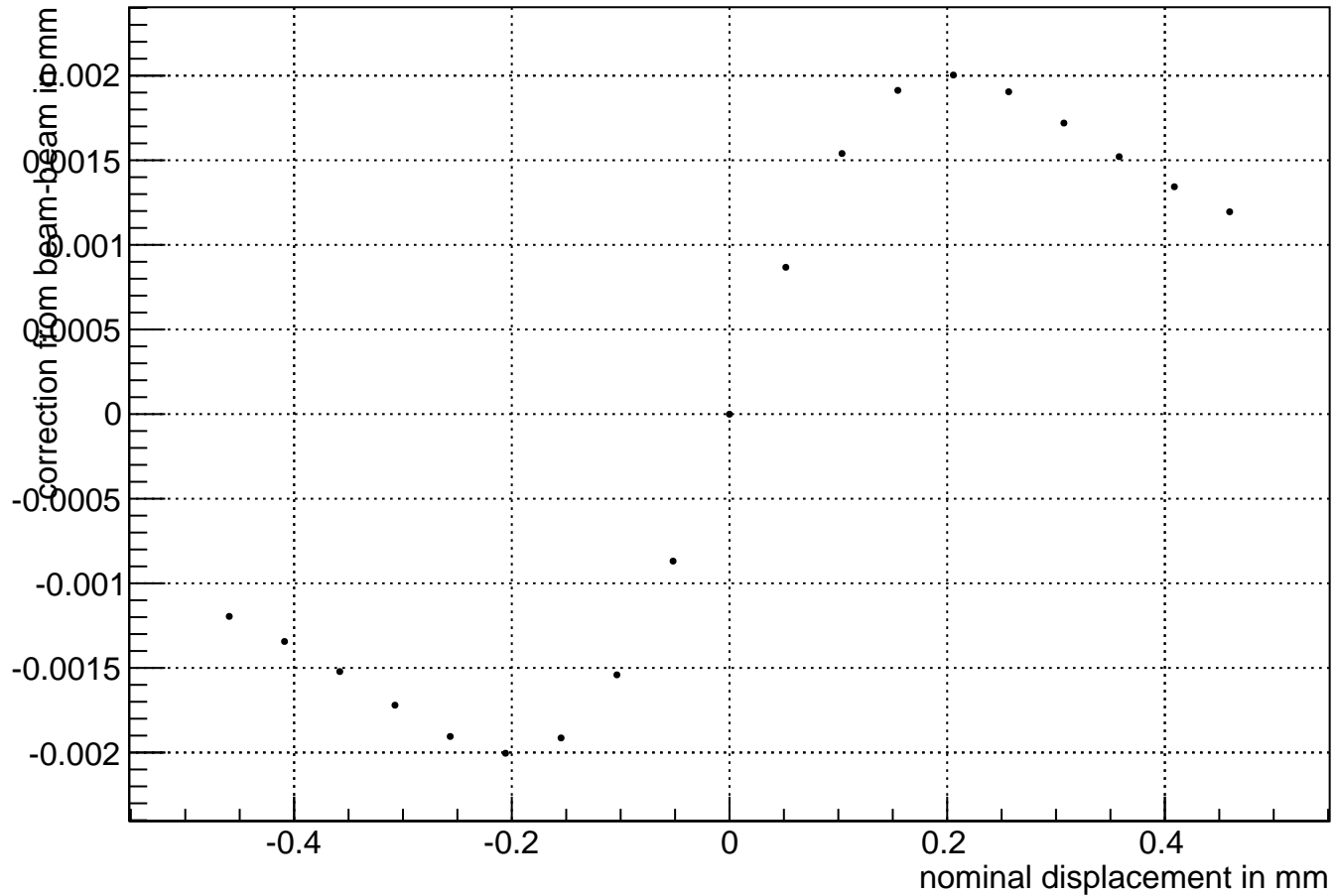


# BeamBeam correction for X3\_291

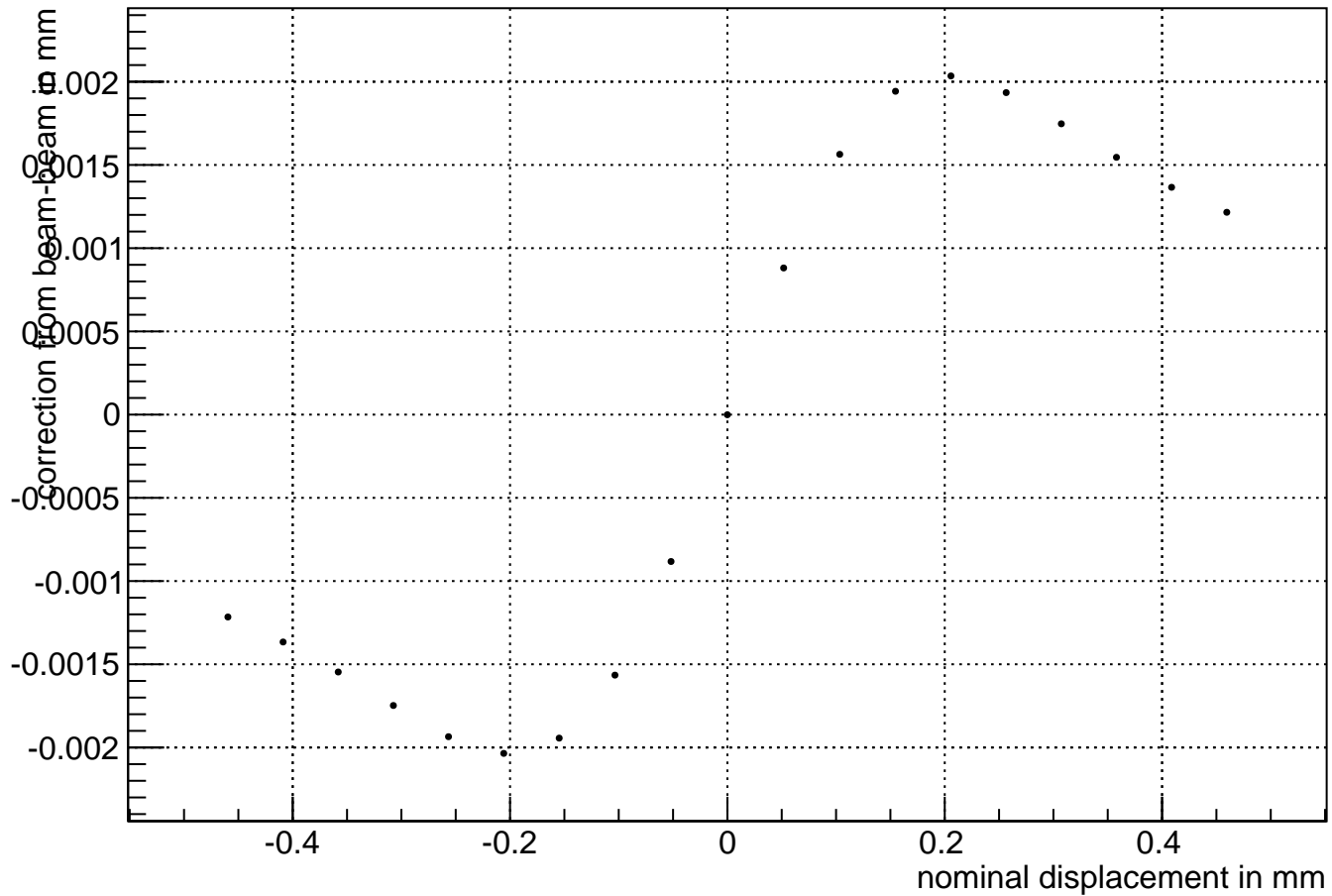




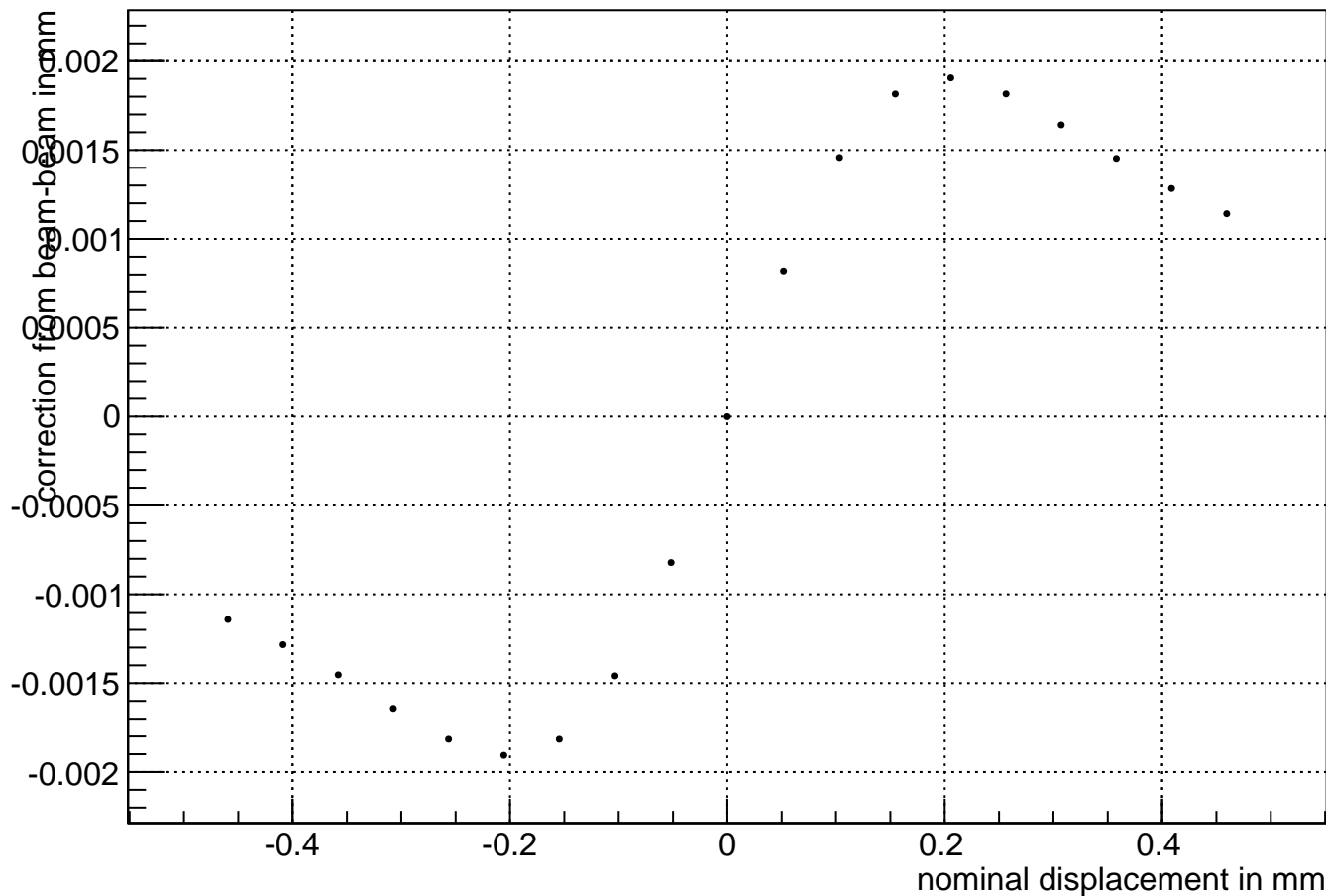
# BeamBeam correction for X3\_771



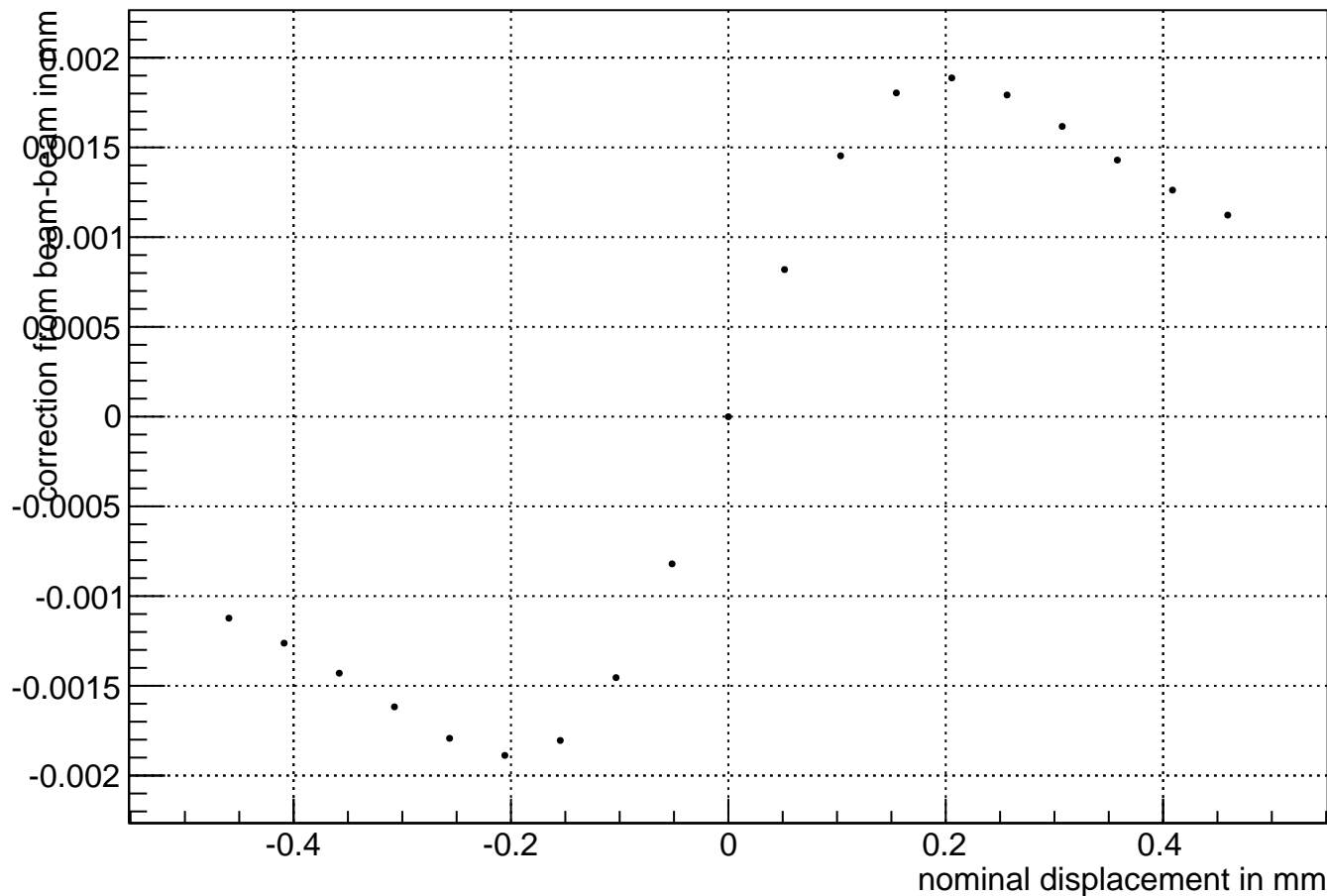
# BeamBeam correction for X3\_811



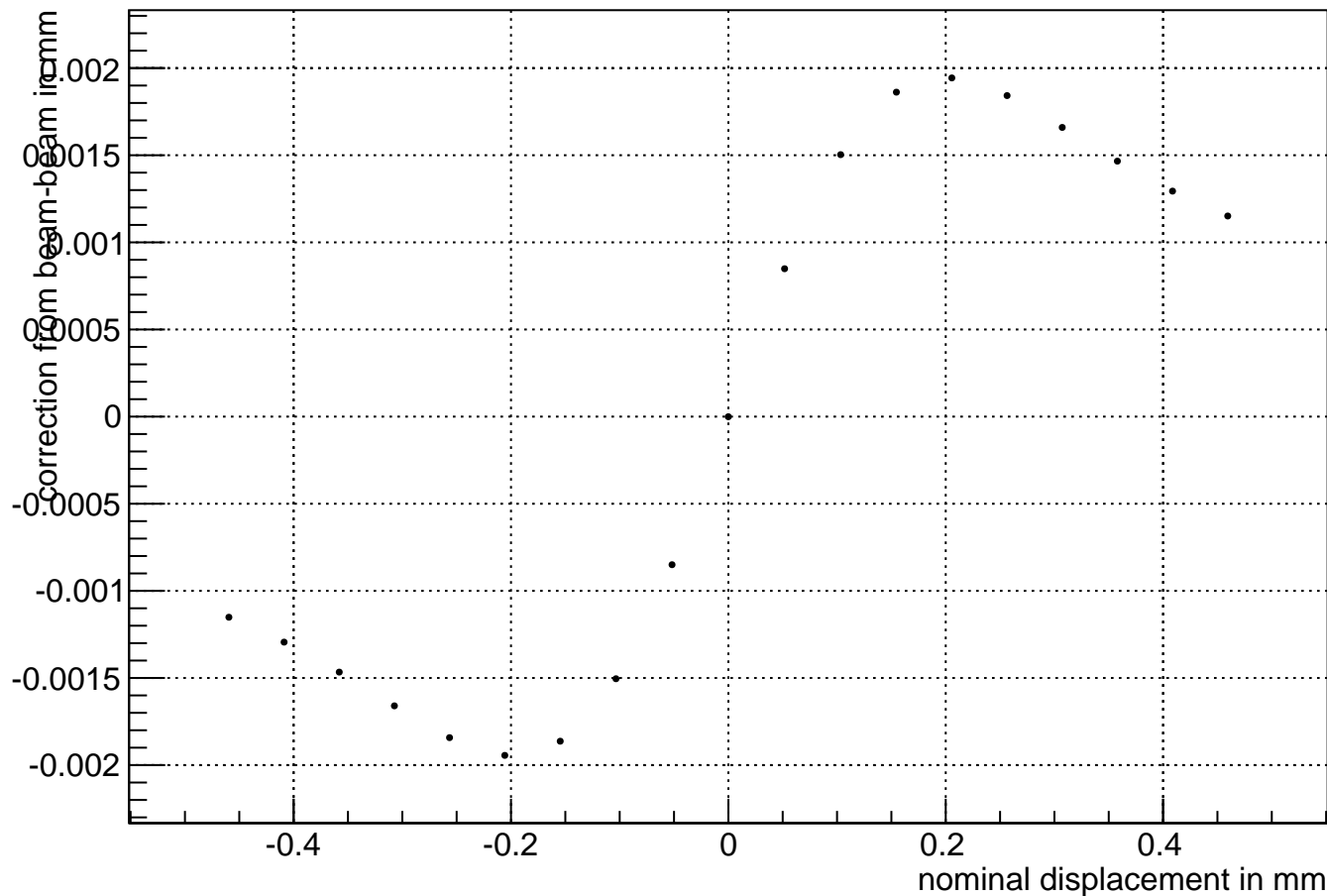
# BeamBeam correction for X3\_851



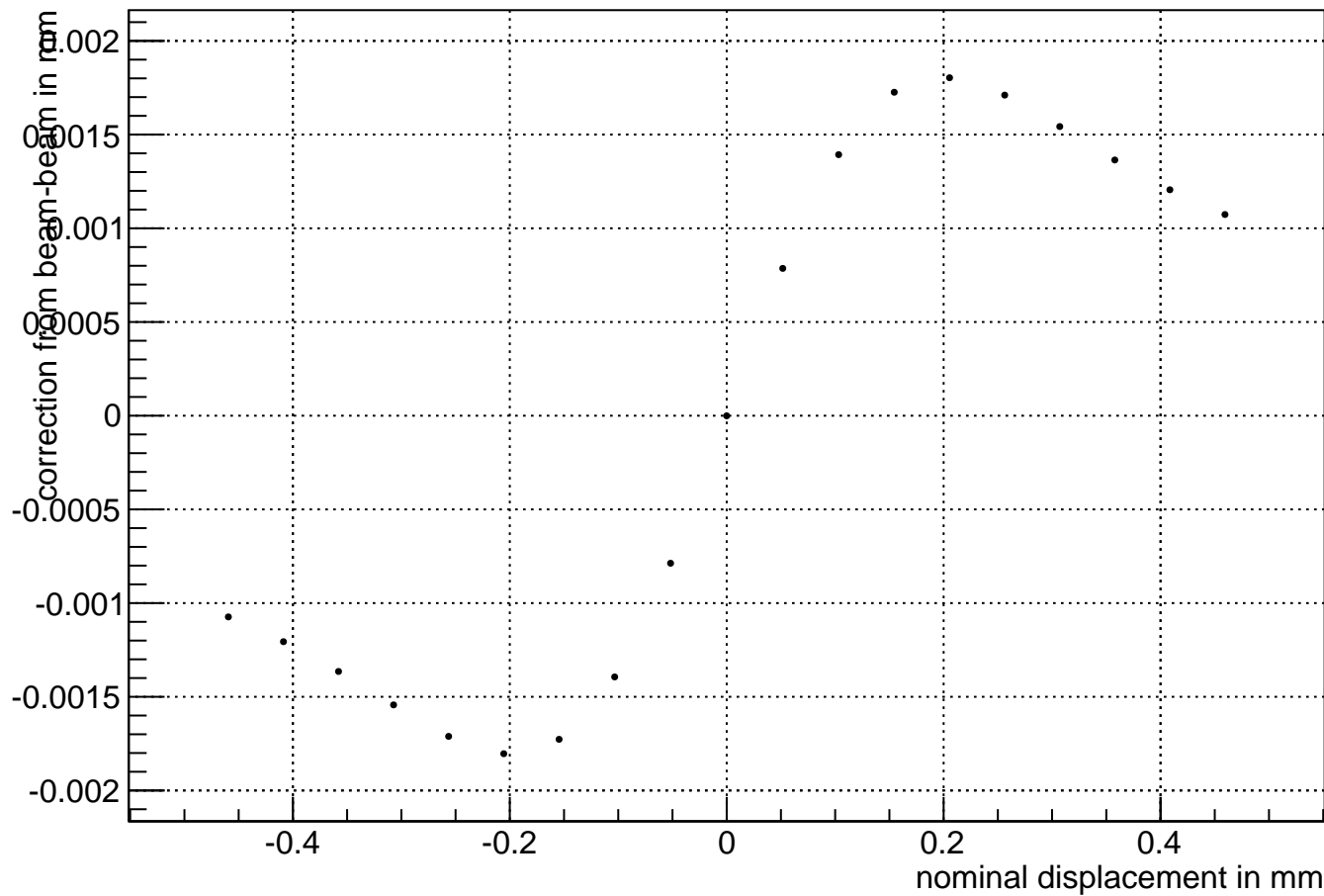
# BeamBeam correction for X3\_891



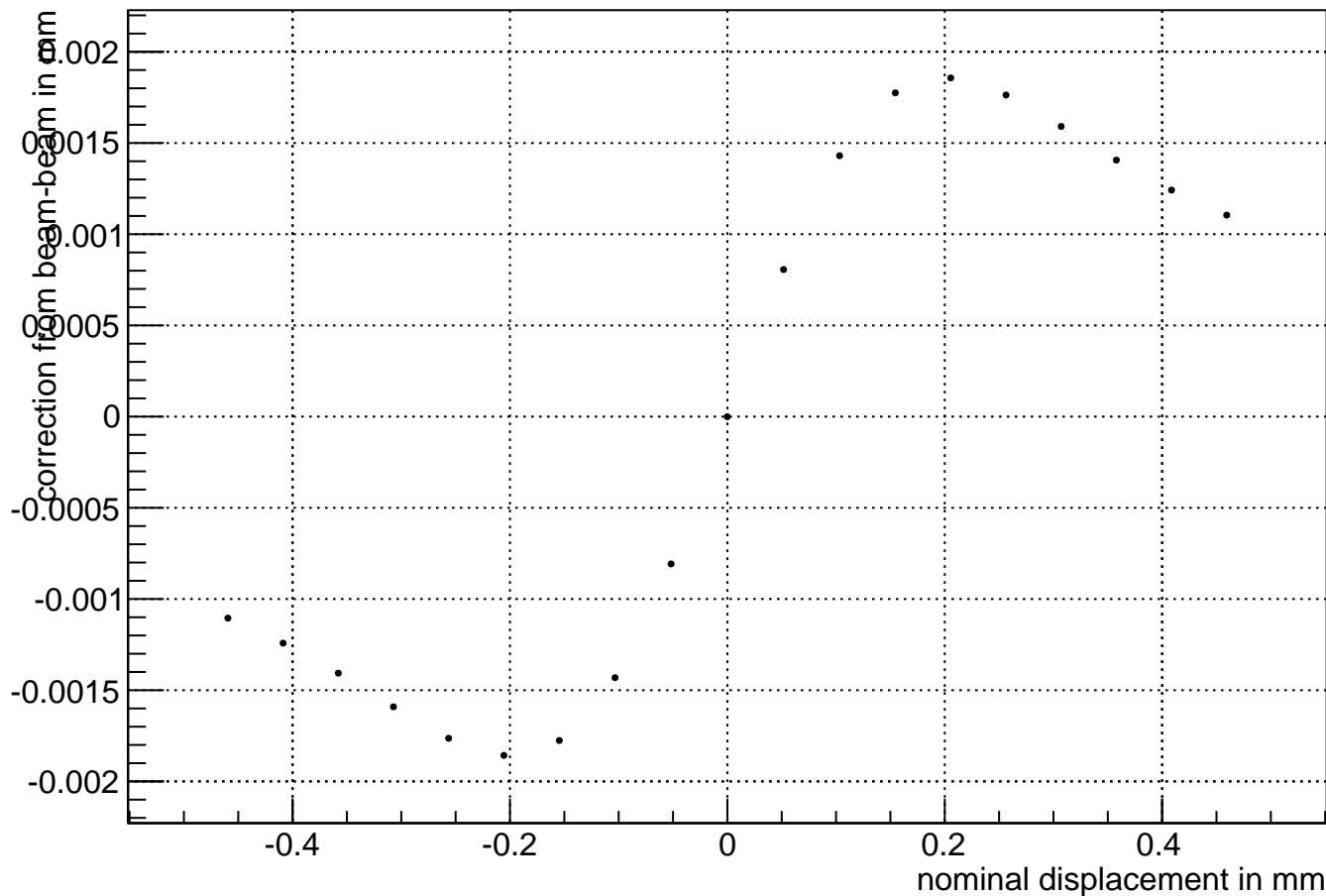
# BeamBeam correction for X3\_931



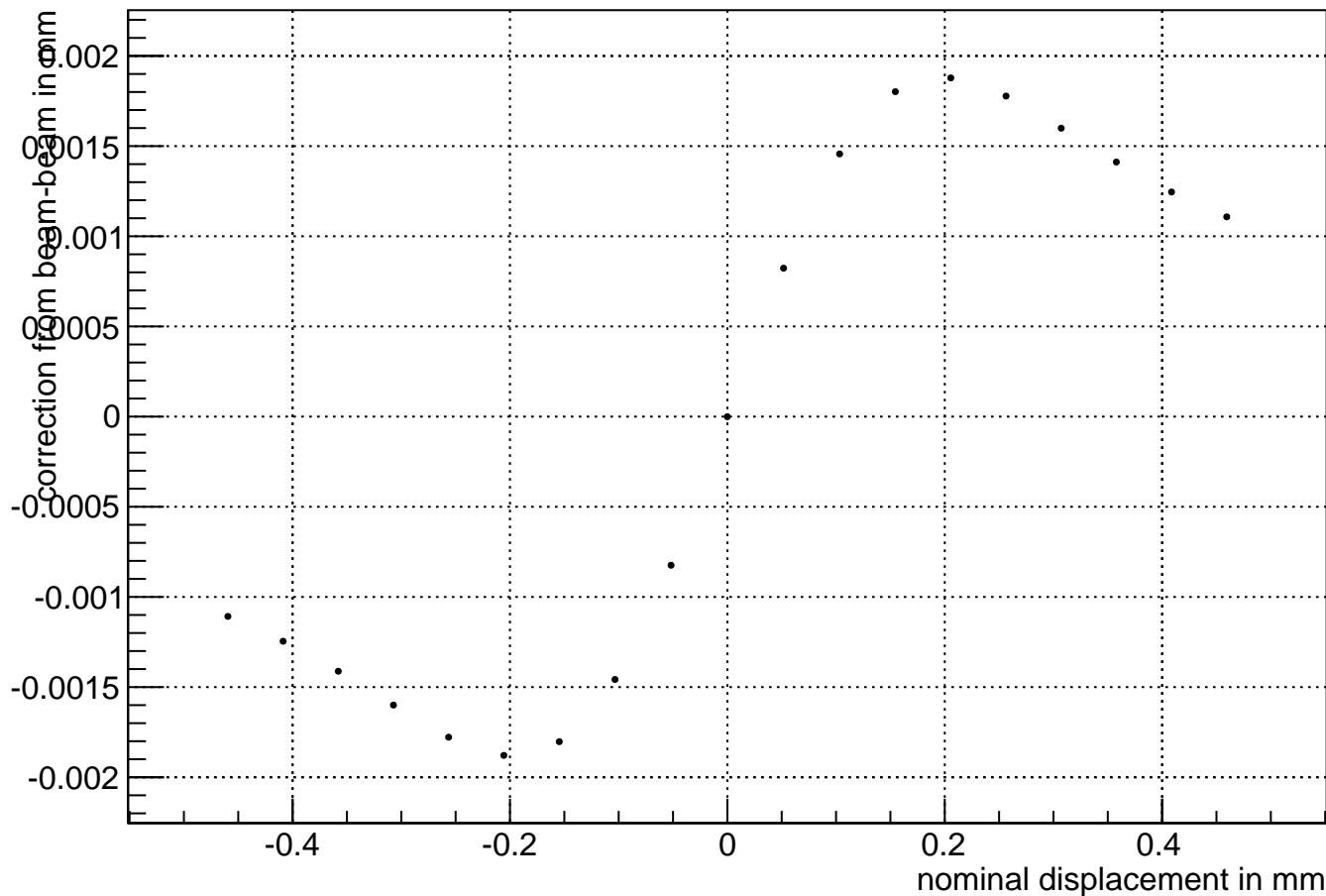
# BeamBeam correction for X3\_971



# BeamBeam correction for X3\_1011

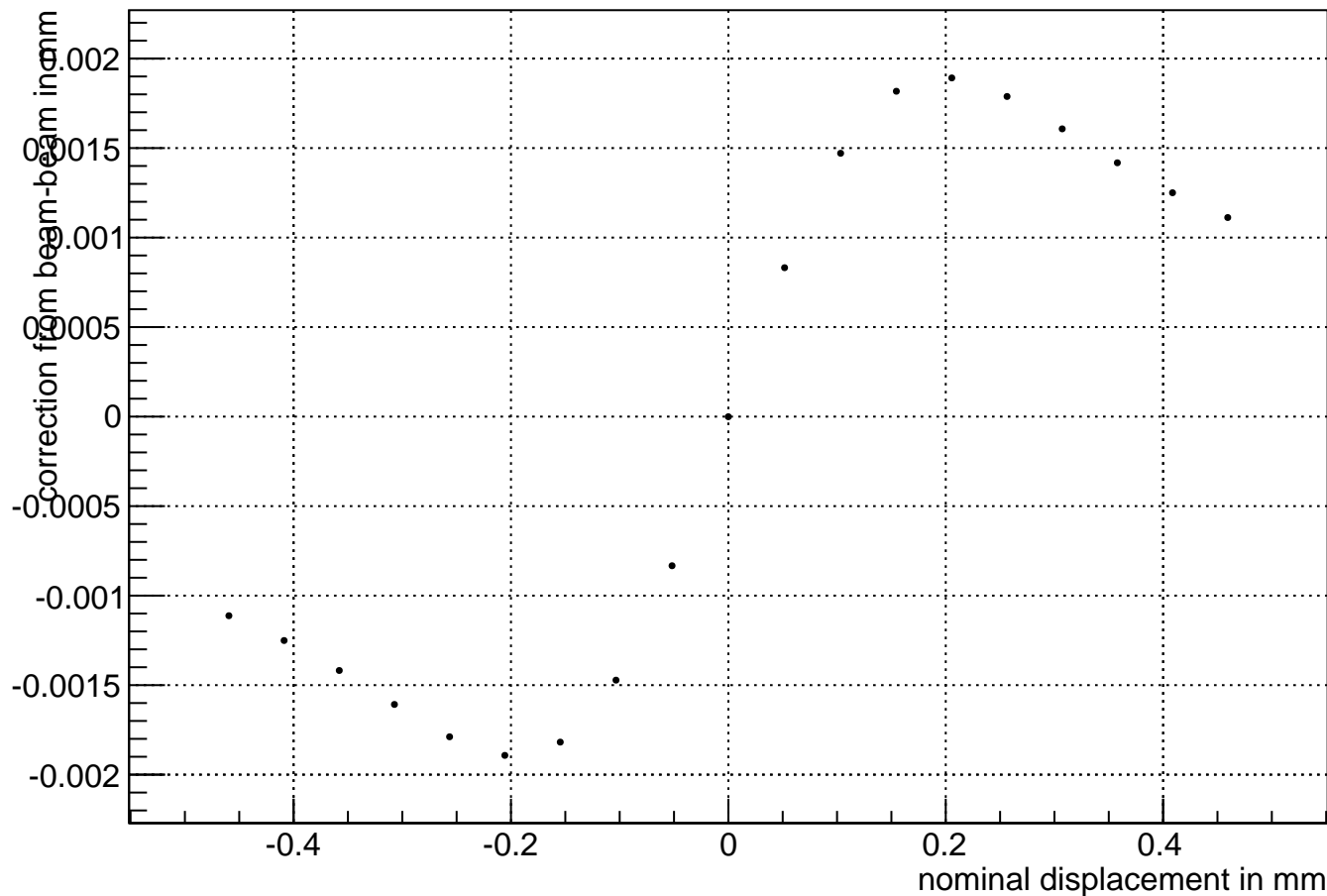


# BeamBeam correction for X3\_1631

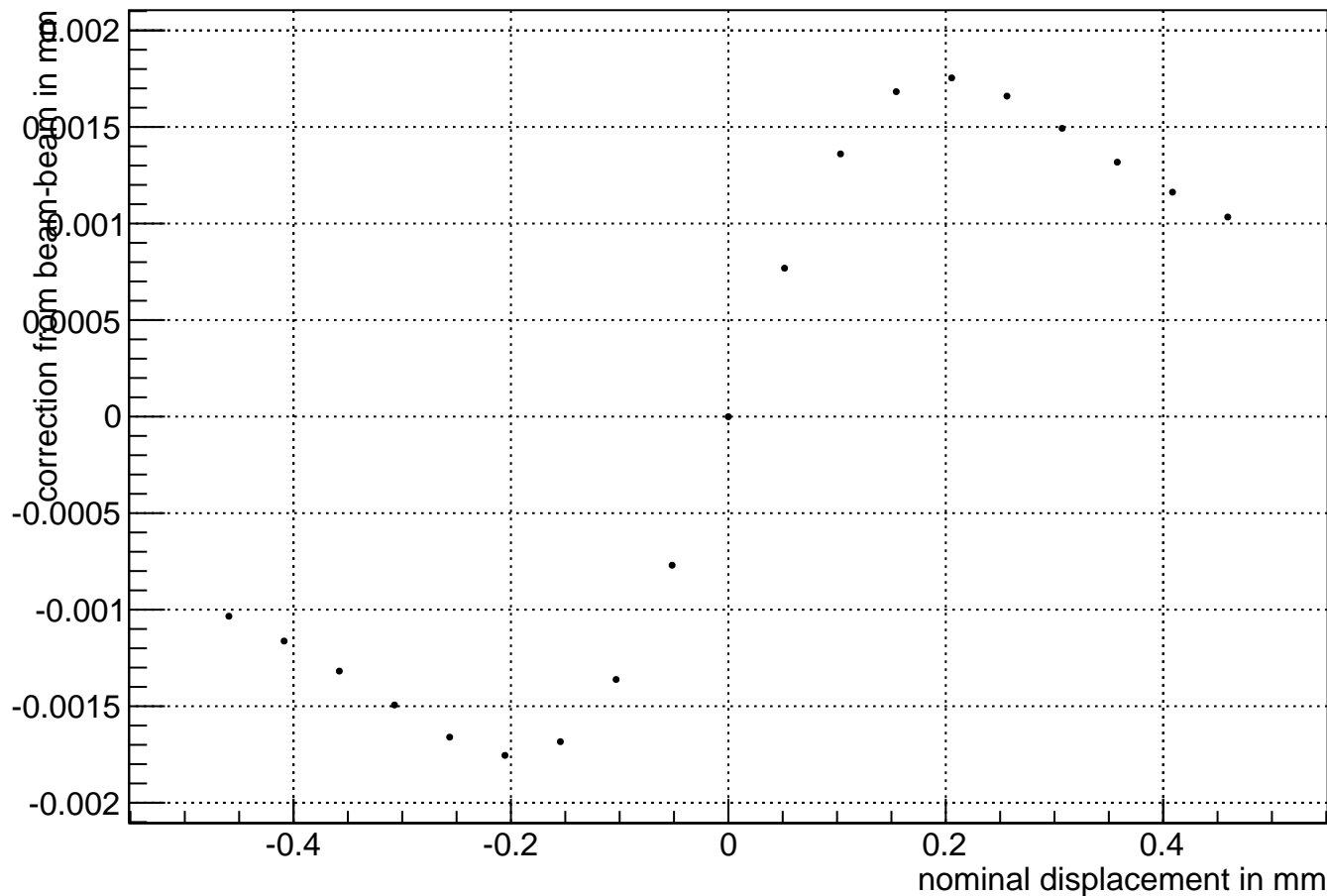




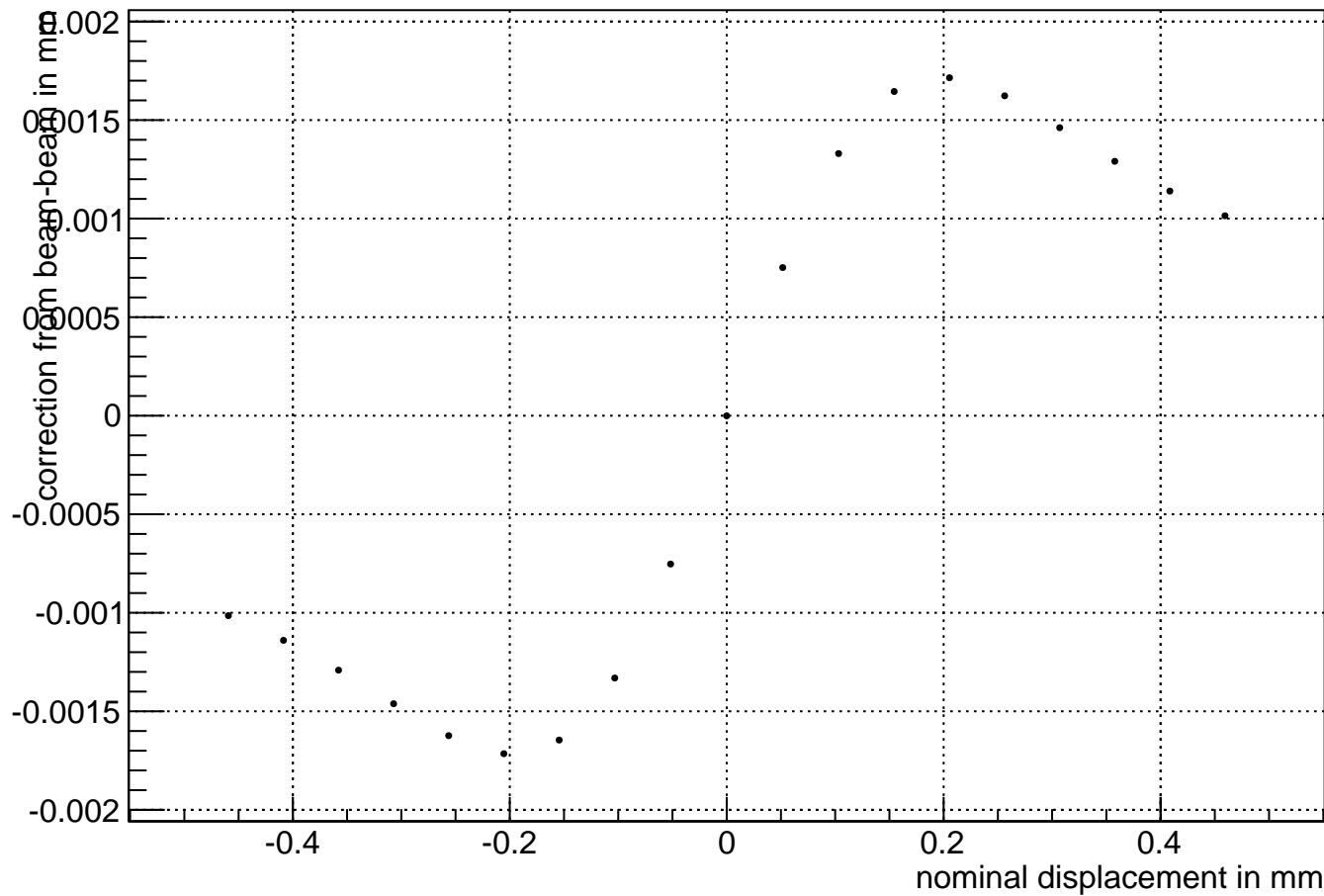
# BeamBeam correction for X3\_1671



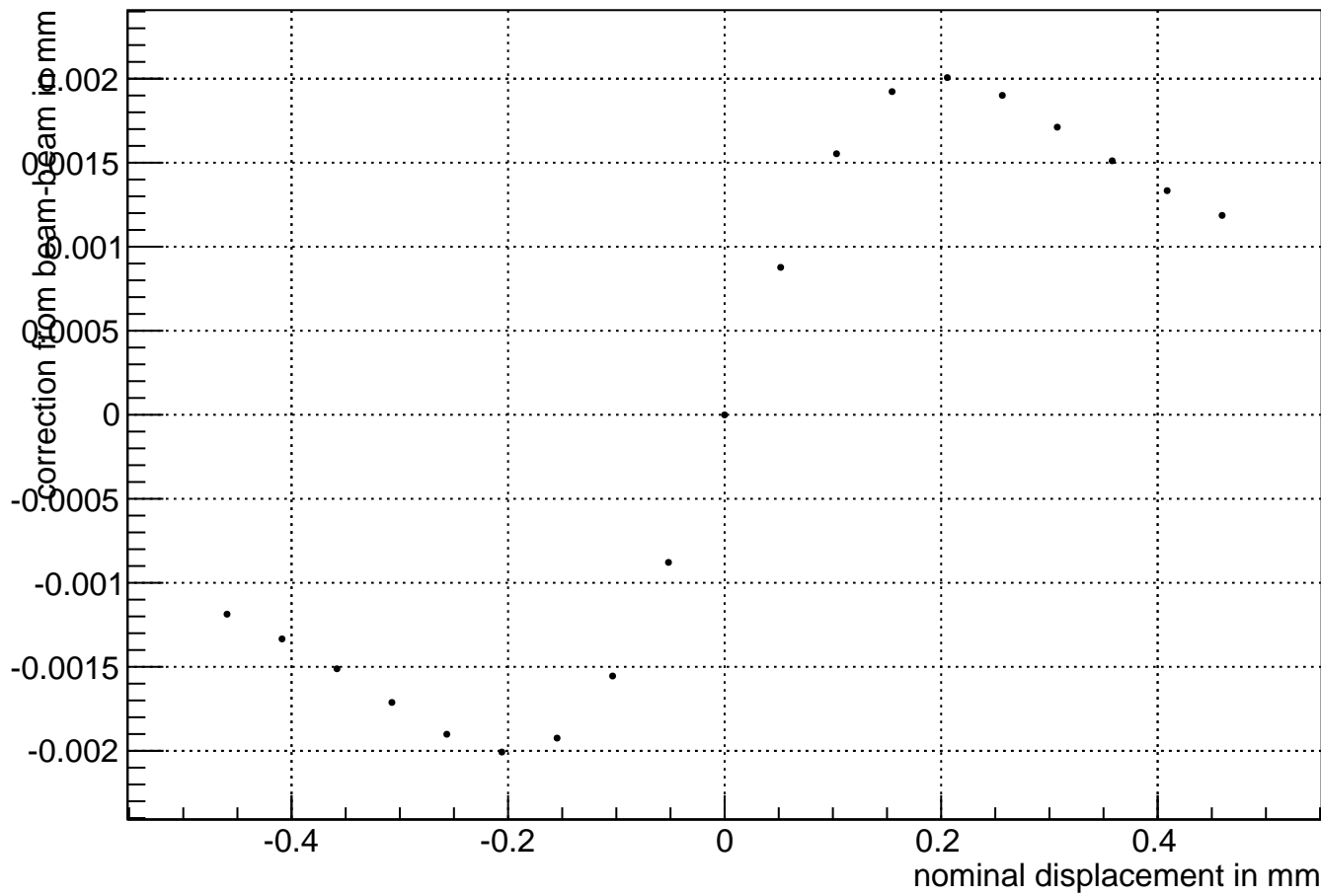
# BeamBeam correction for X3\_1711



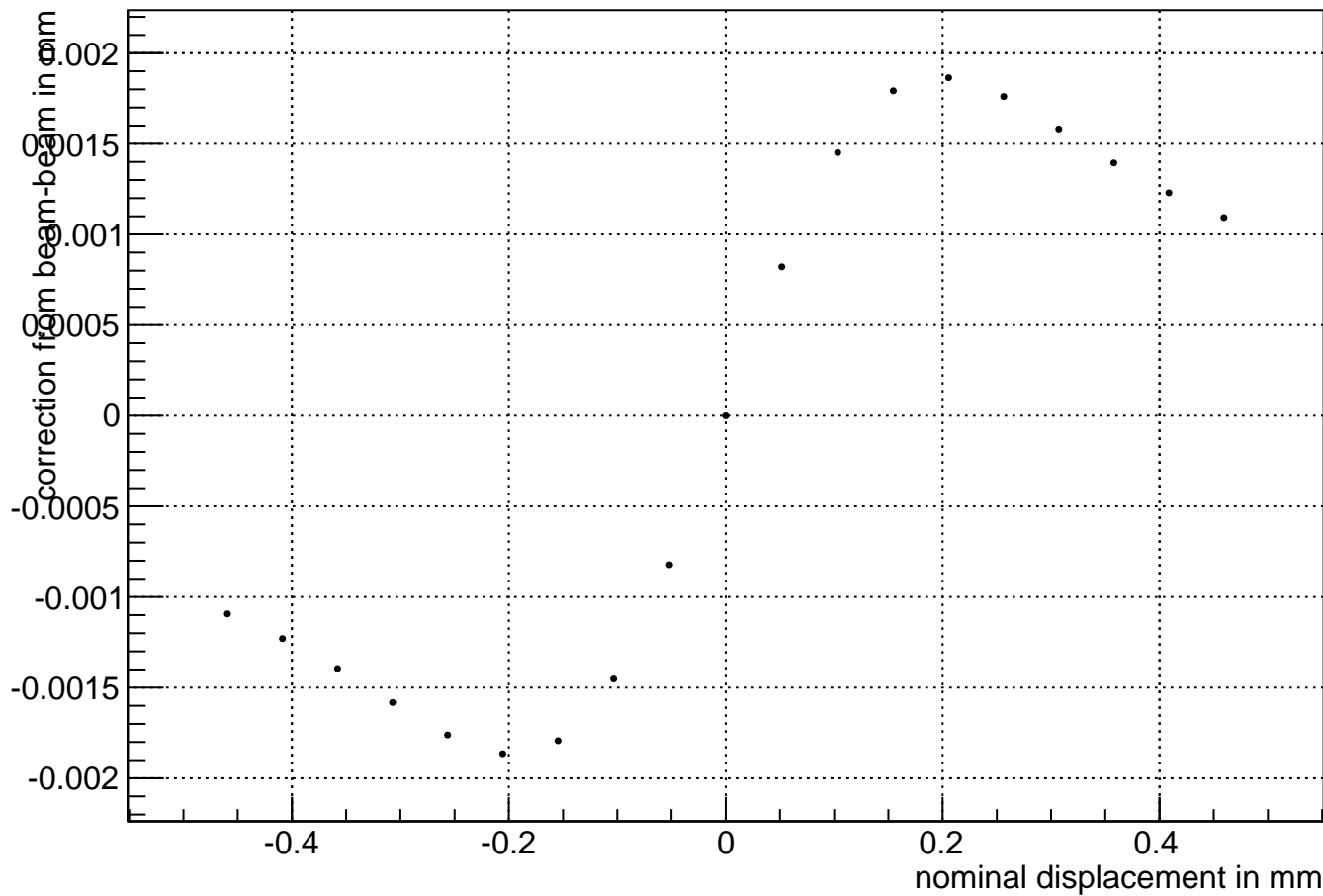
# BeamBeam correction for X3\_1751



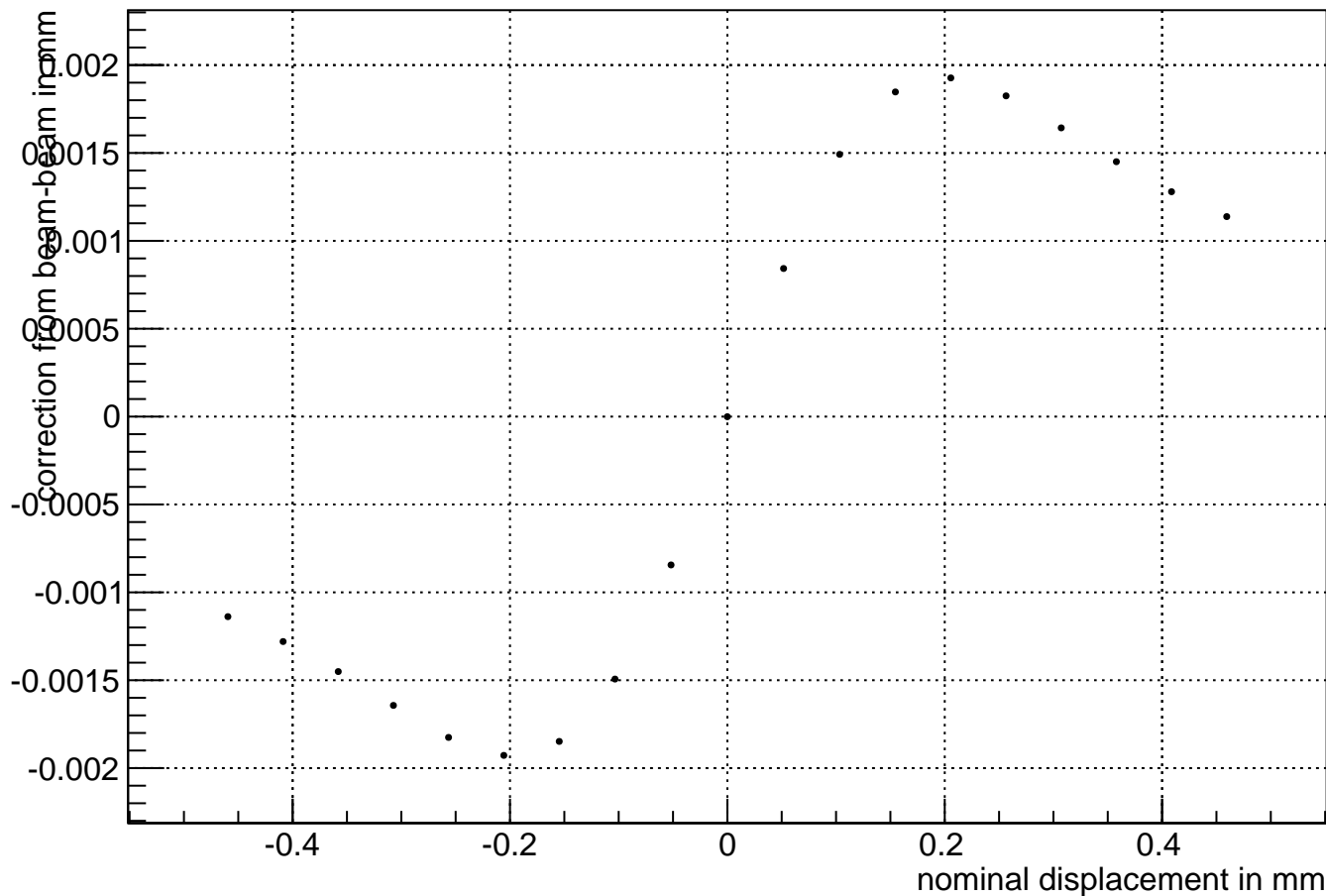
# BeamBeam correction for X3\_1791



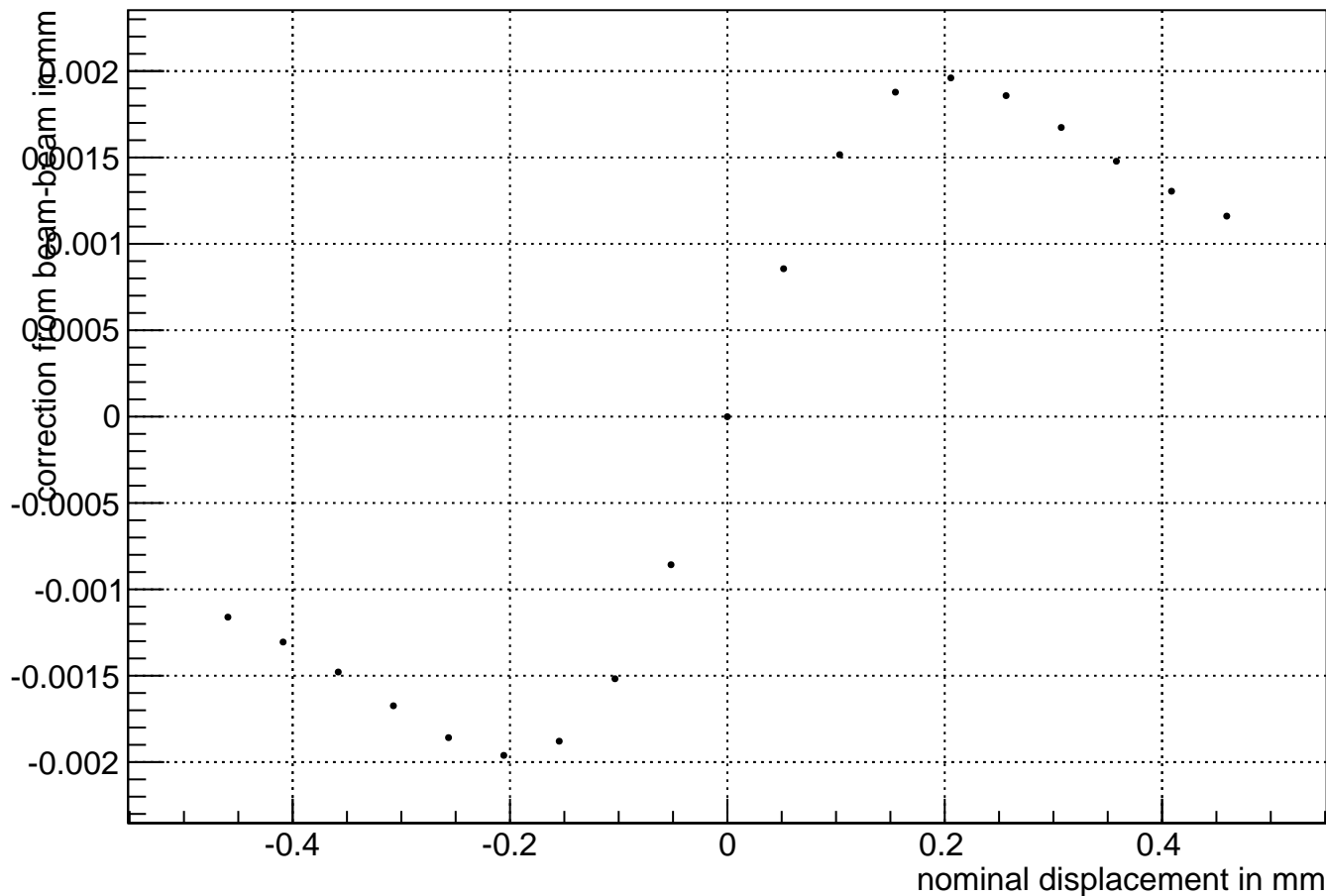
# BeamBeam correction for X3\_1831



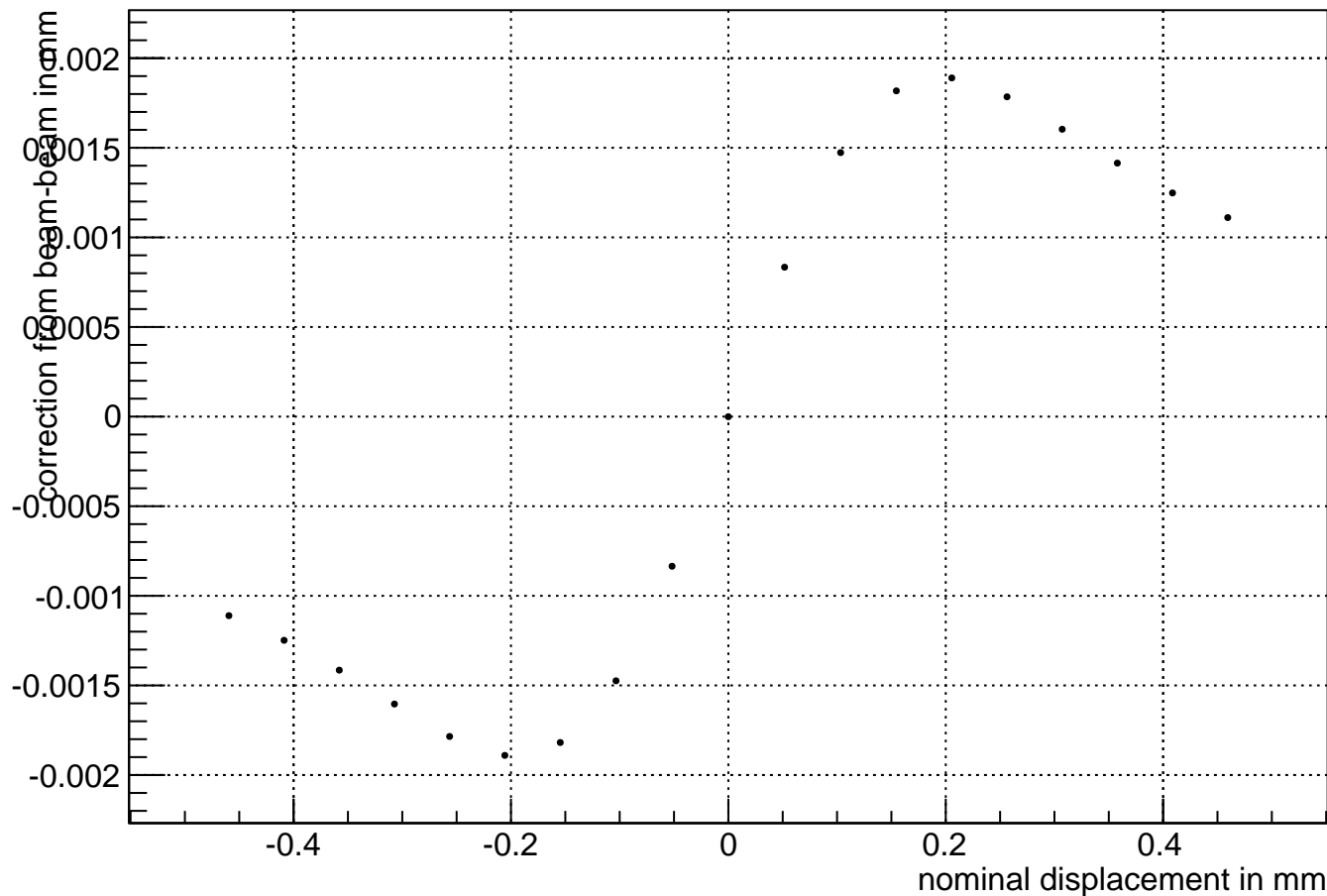
# BeamBeam correction for X3\_1871



# BeamBeam correction for X3\_2211

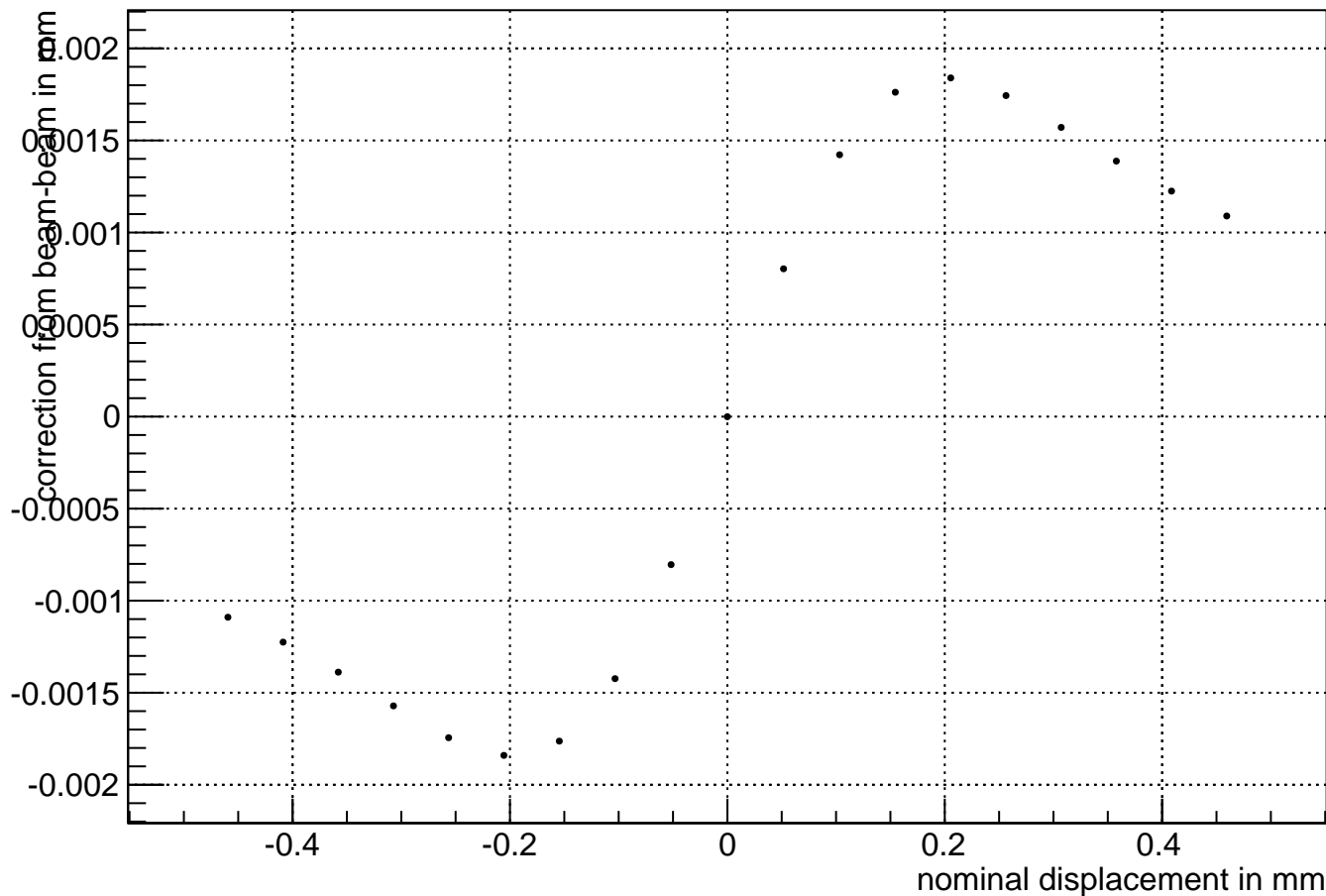


# BeamBeam correction for X3\_2251

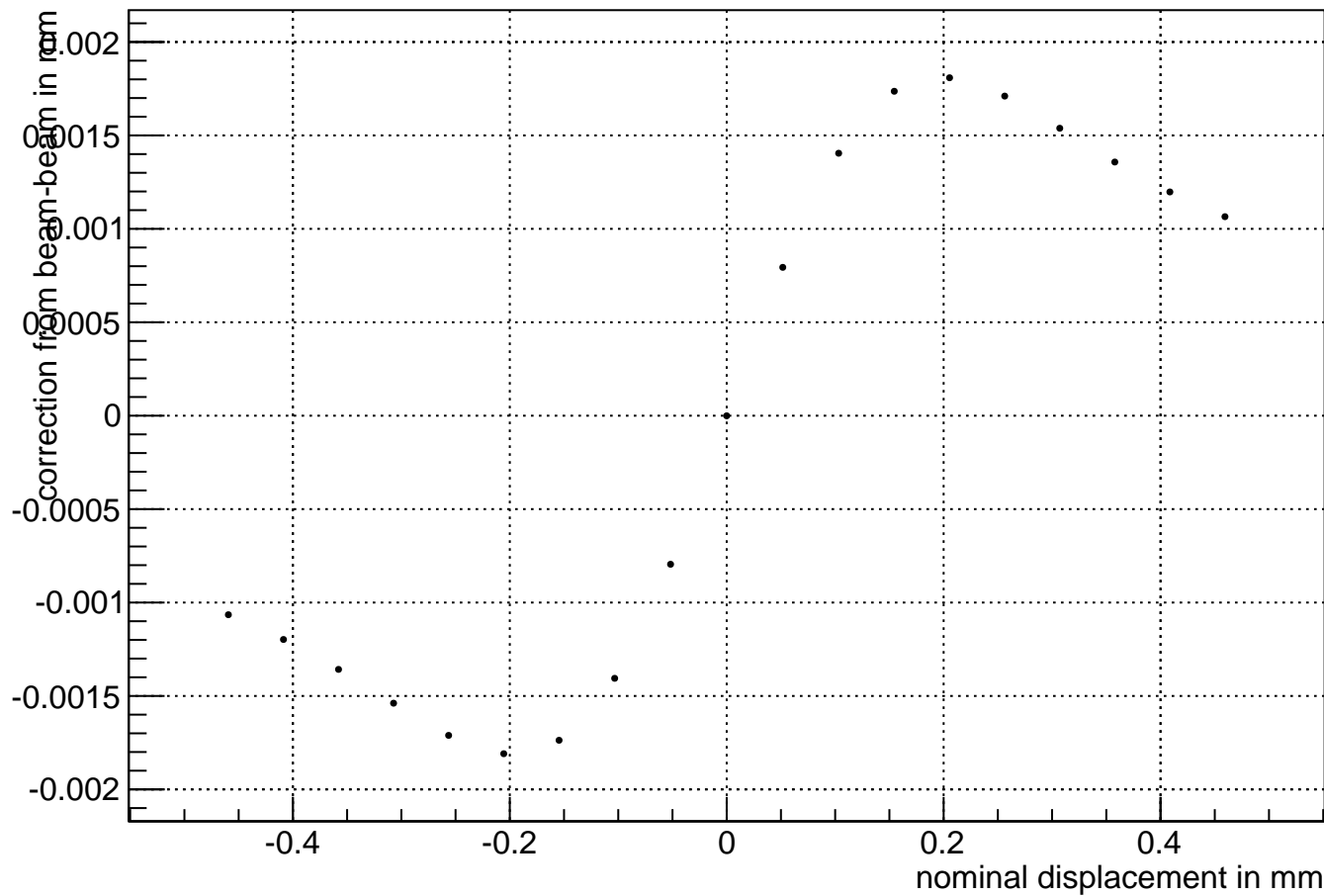




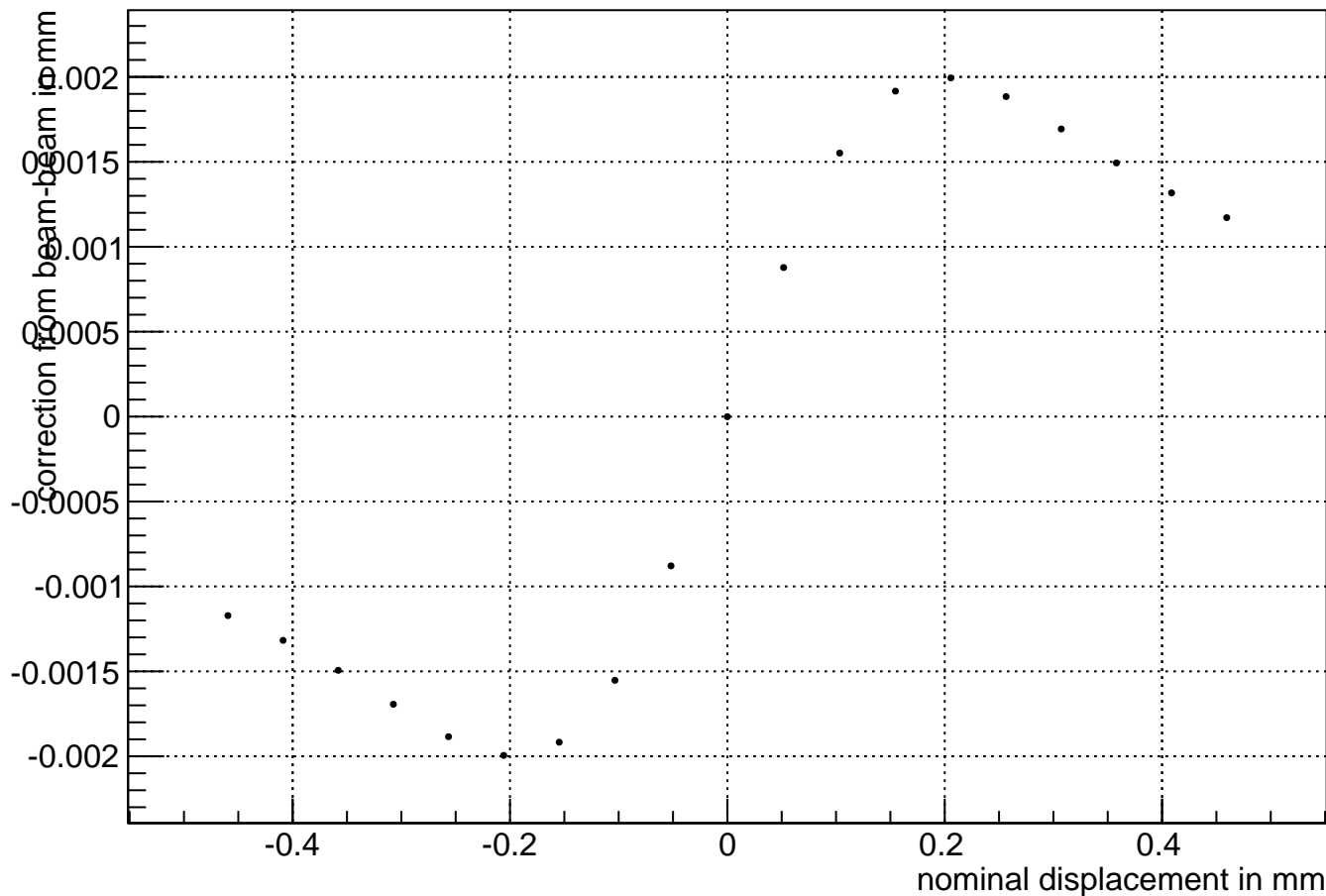
# BeamBeam correction for X3\_2291



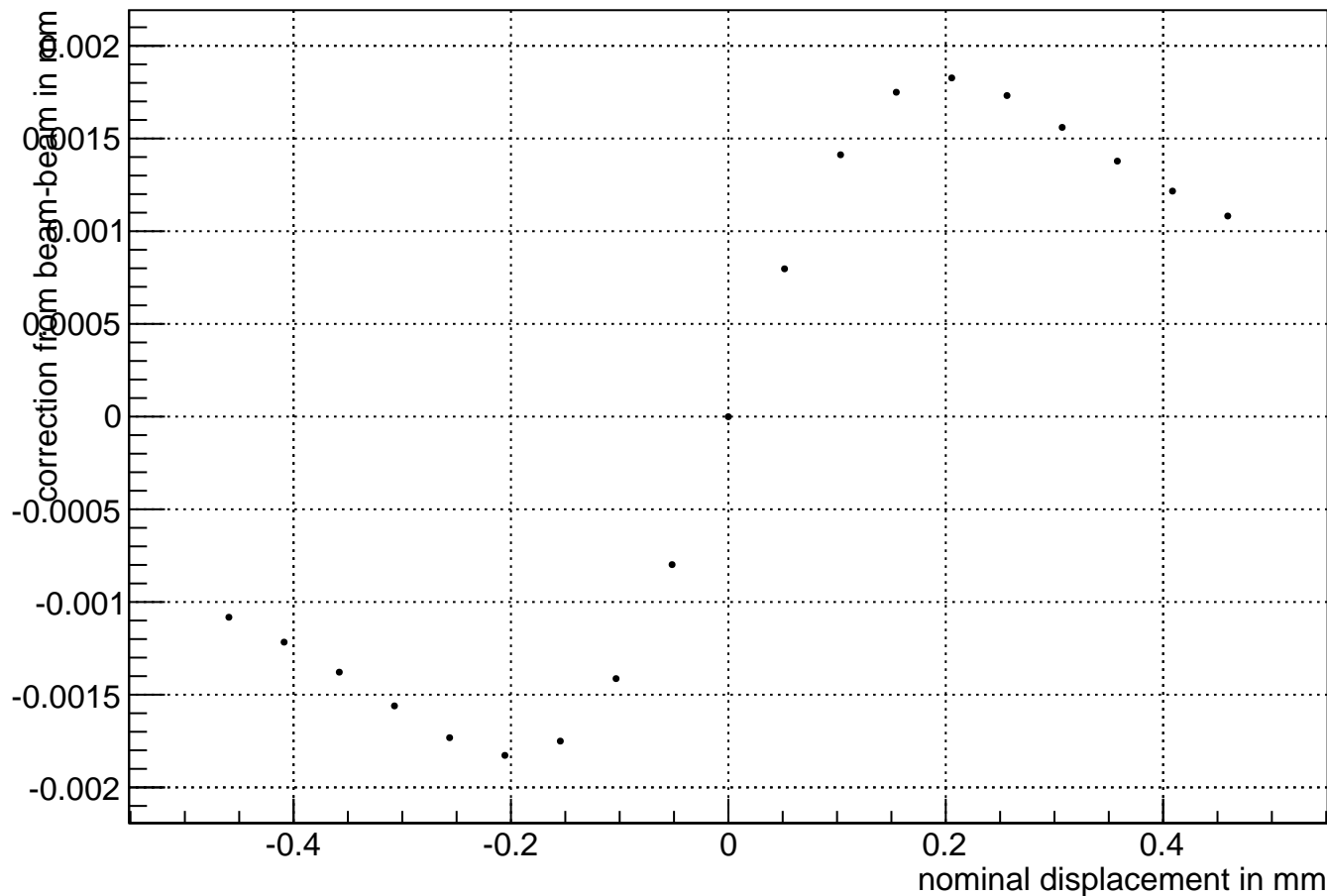
# BeamBeam correction for X3\_2331



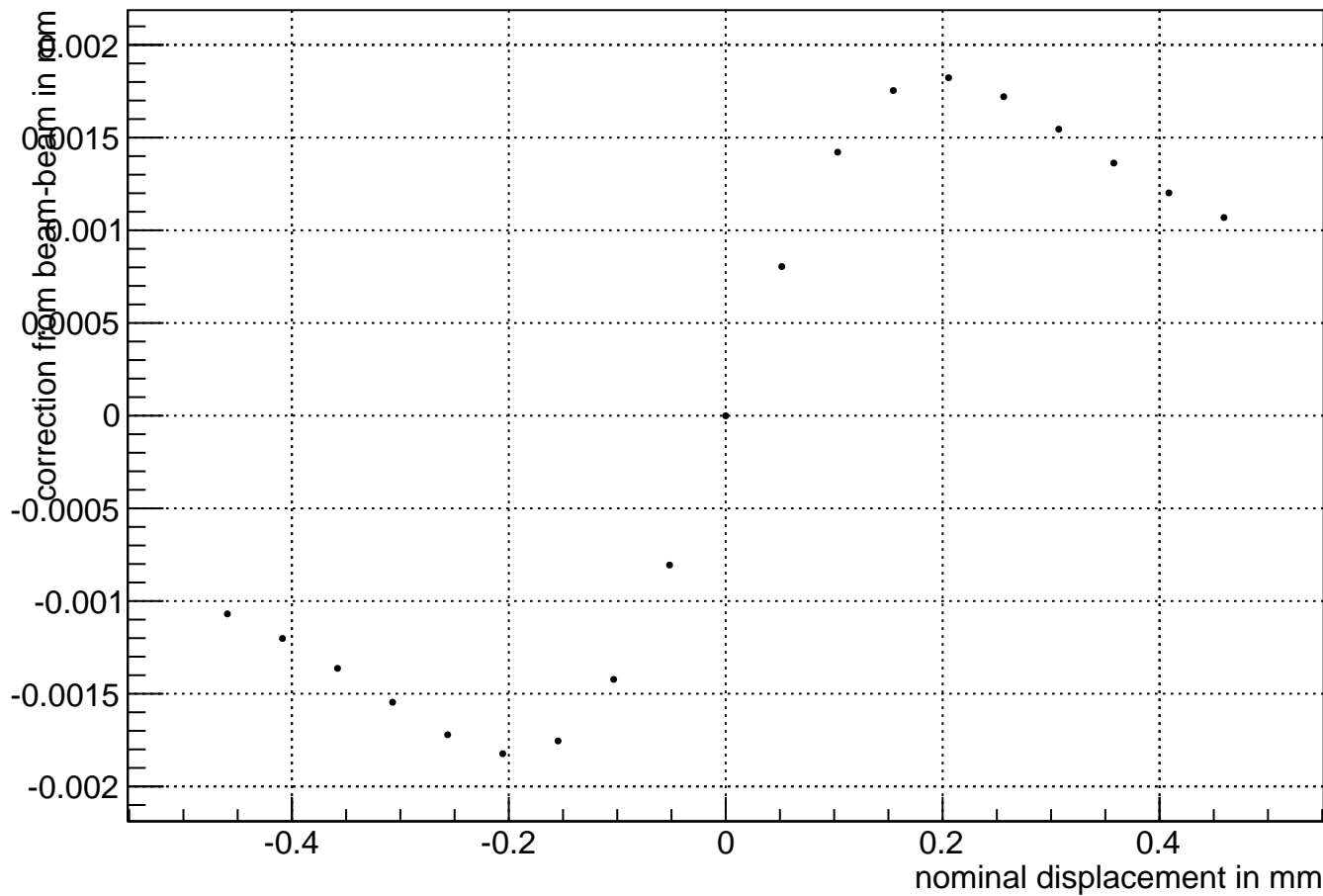
# BeamBeam correction for X3\_2371



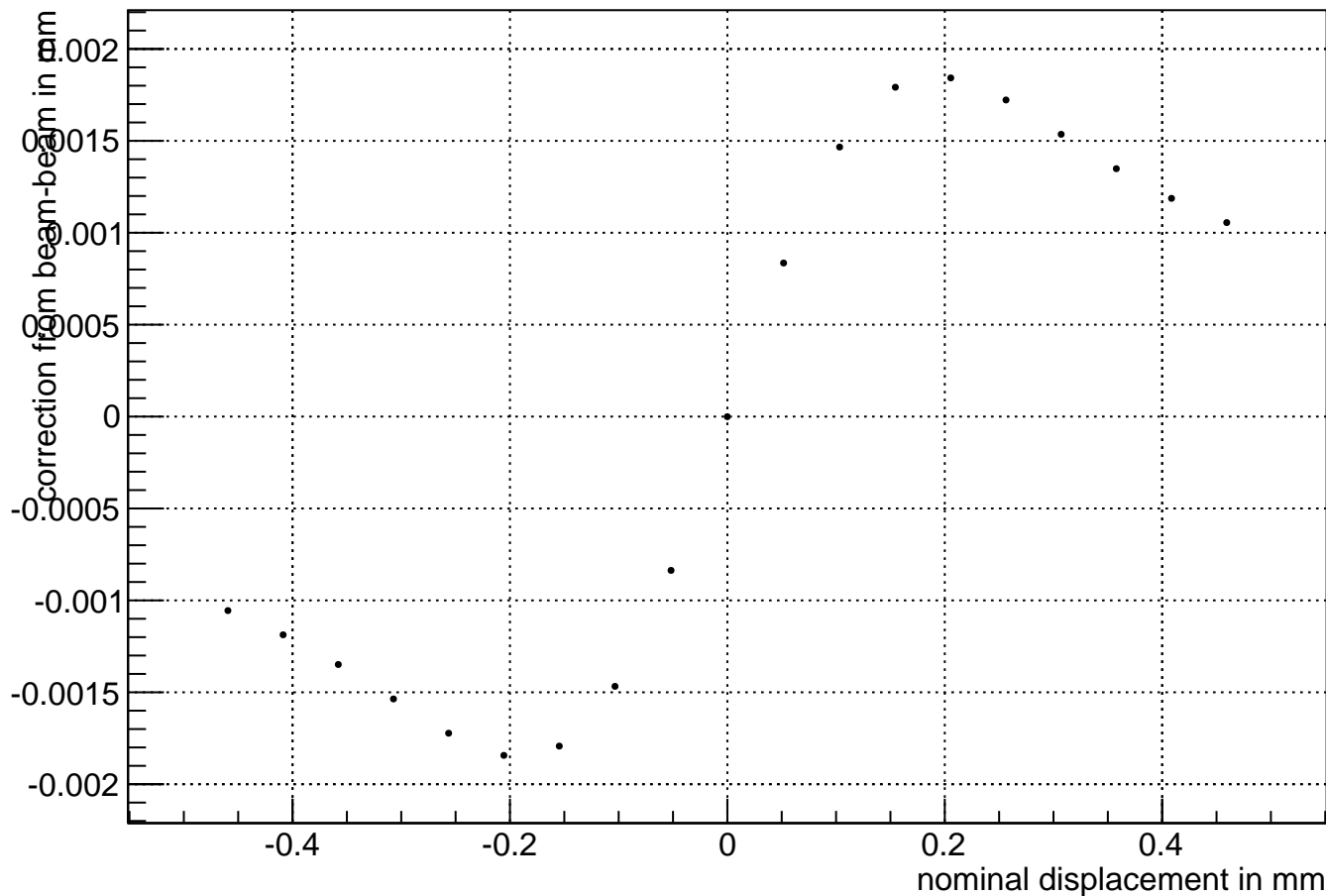
# BeamBeam correction for X3\_2411



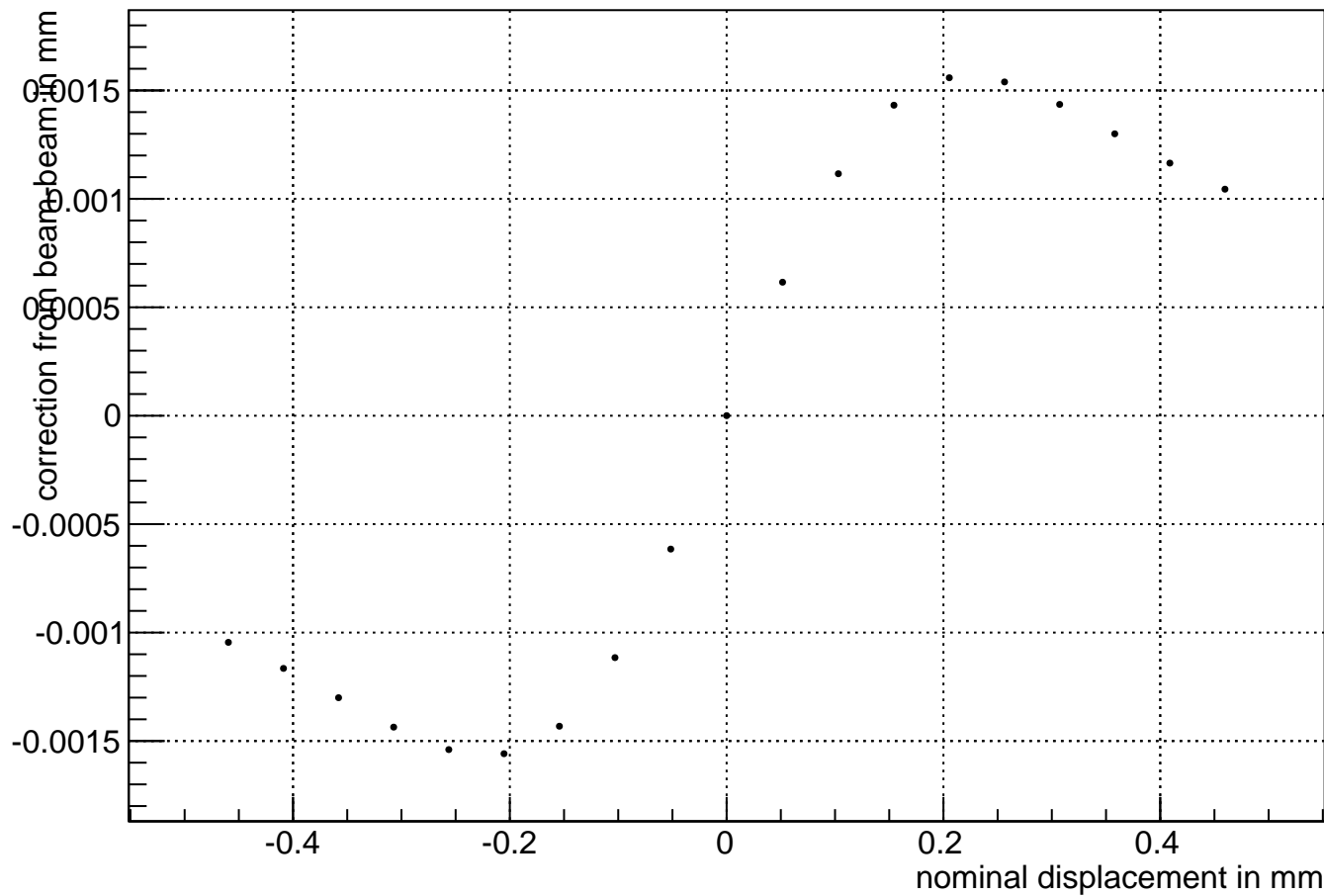
# BeamBeam correction for X3\_2451



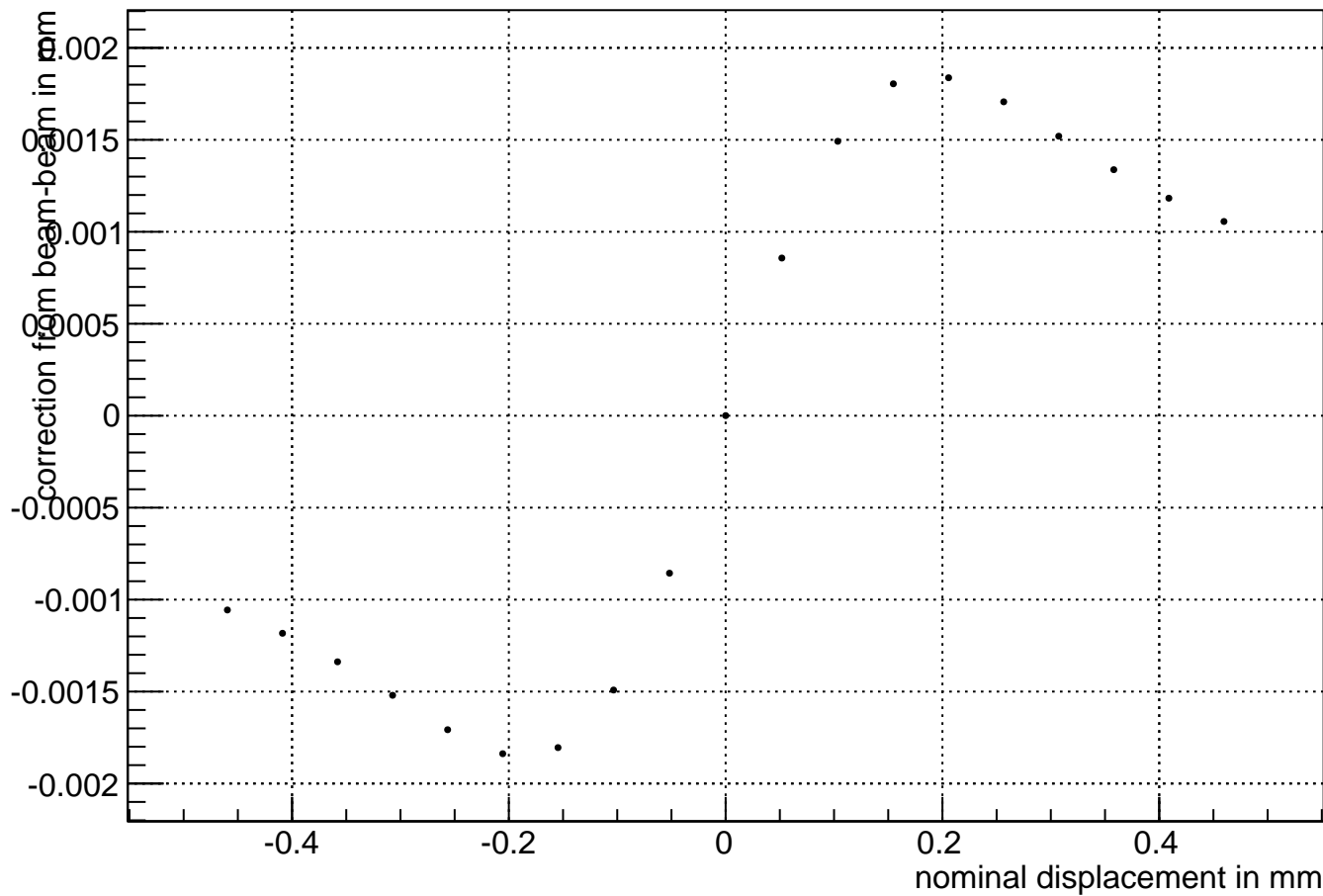
# BeamBeam correction for X3\_2674



# BeamBeam correction for Y3\_1

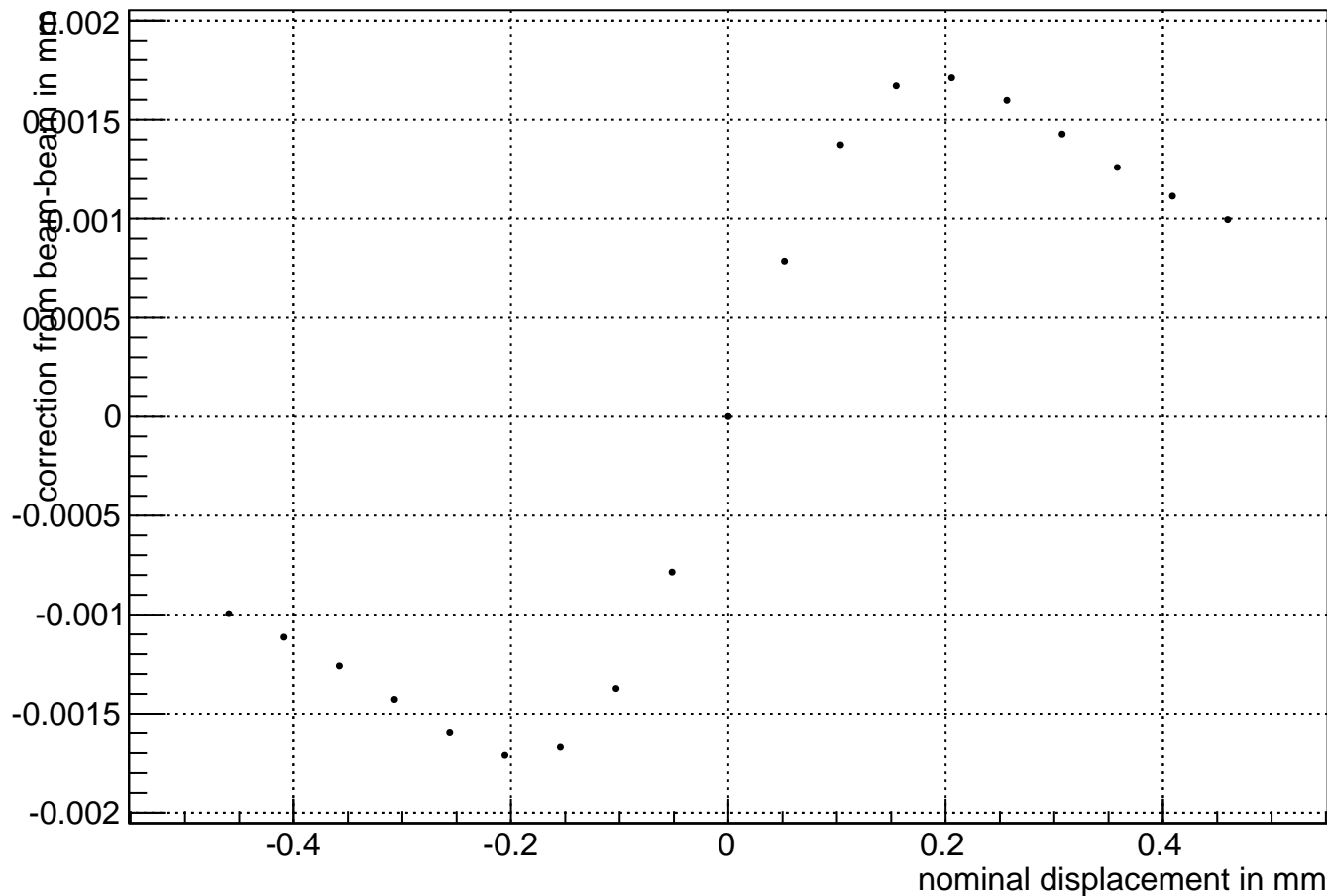


# BeamBeam correction for Y3\_51

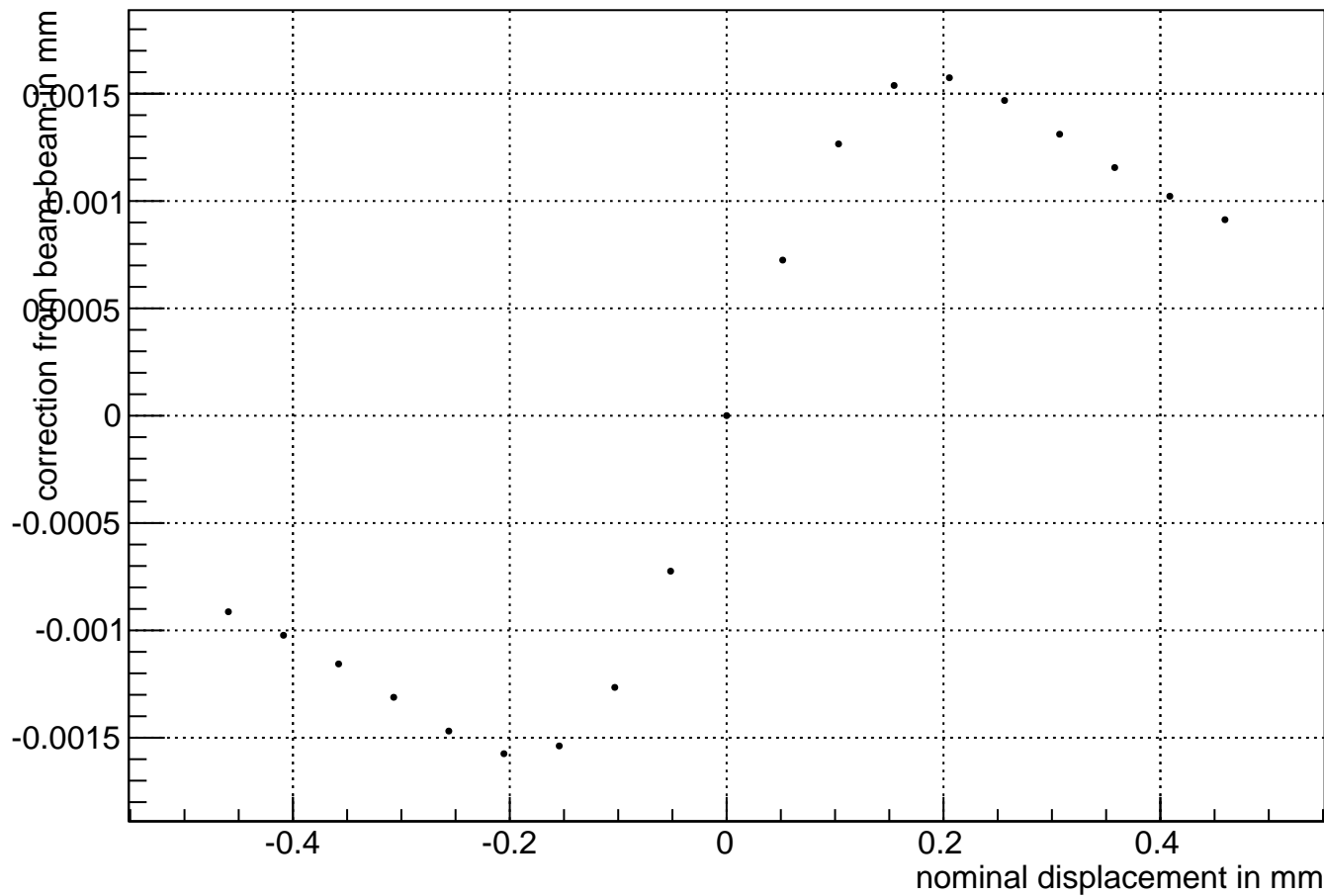




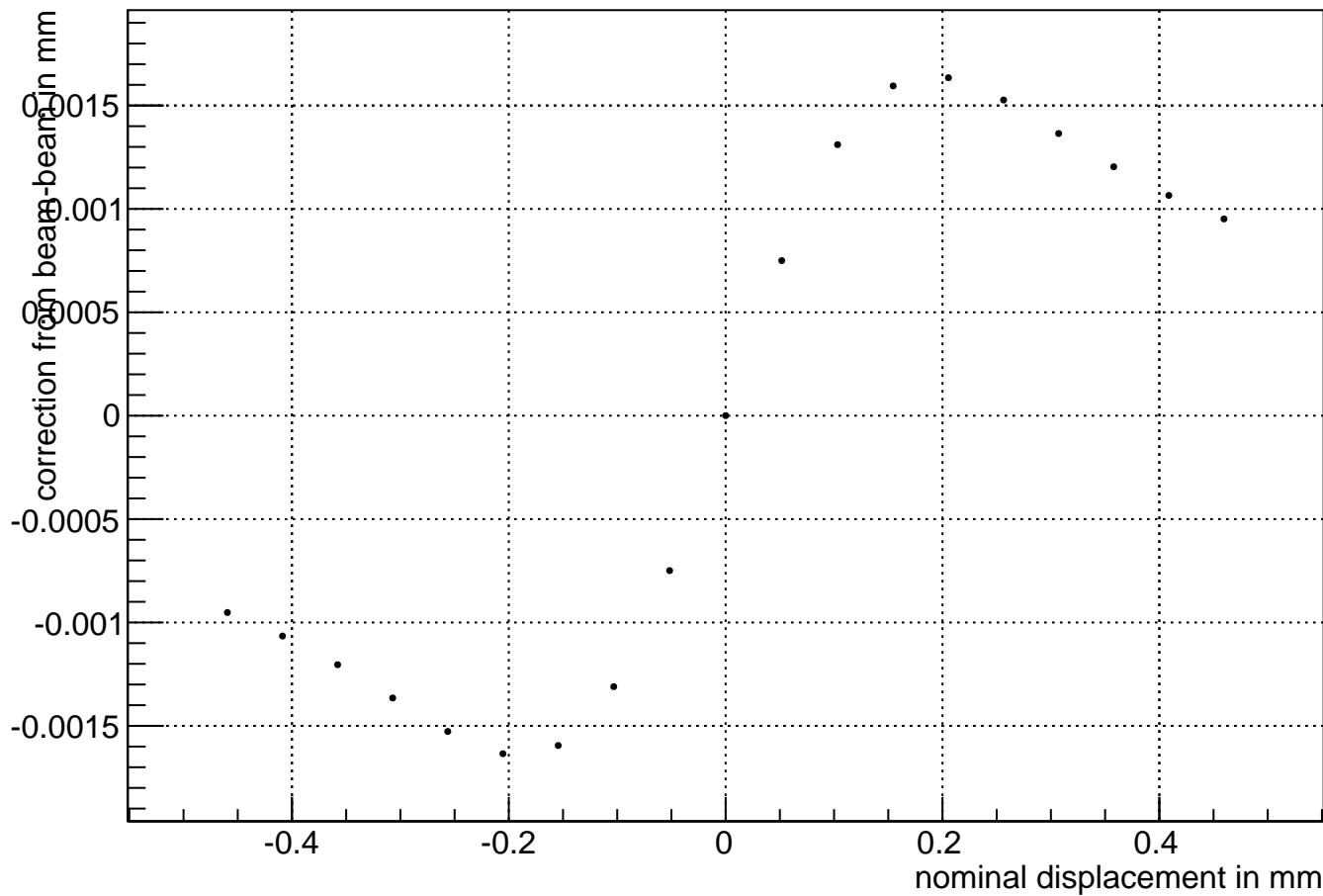
# BeamBeam correction for Y3\_91



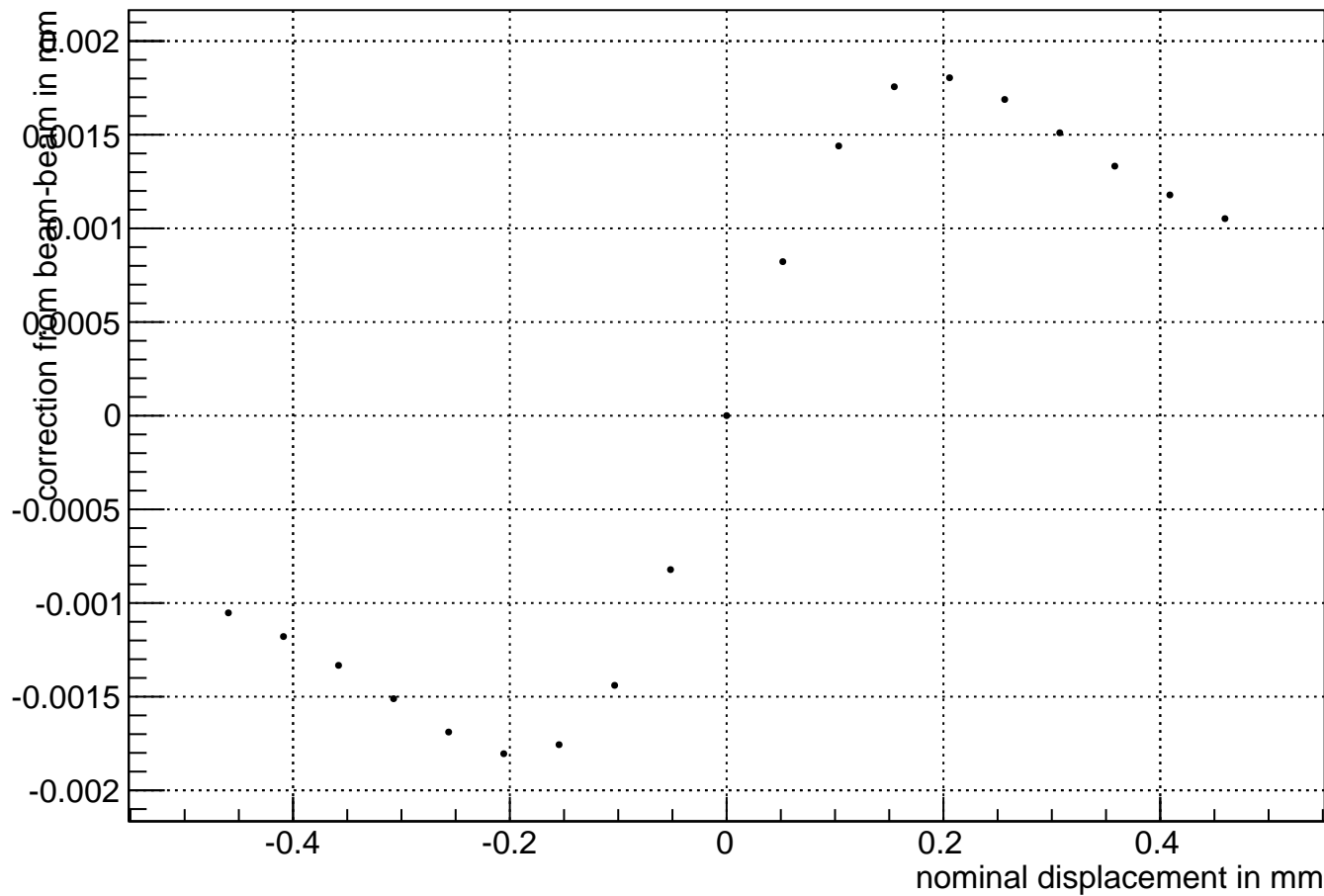
# BeamBeam correction for Y3\_131



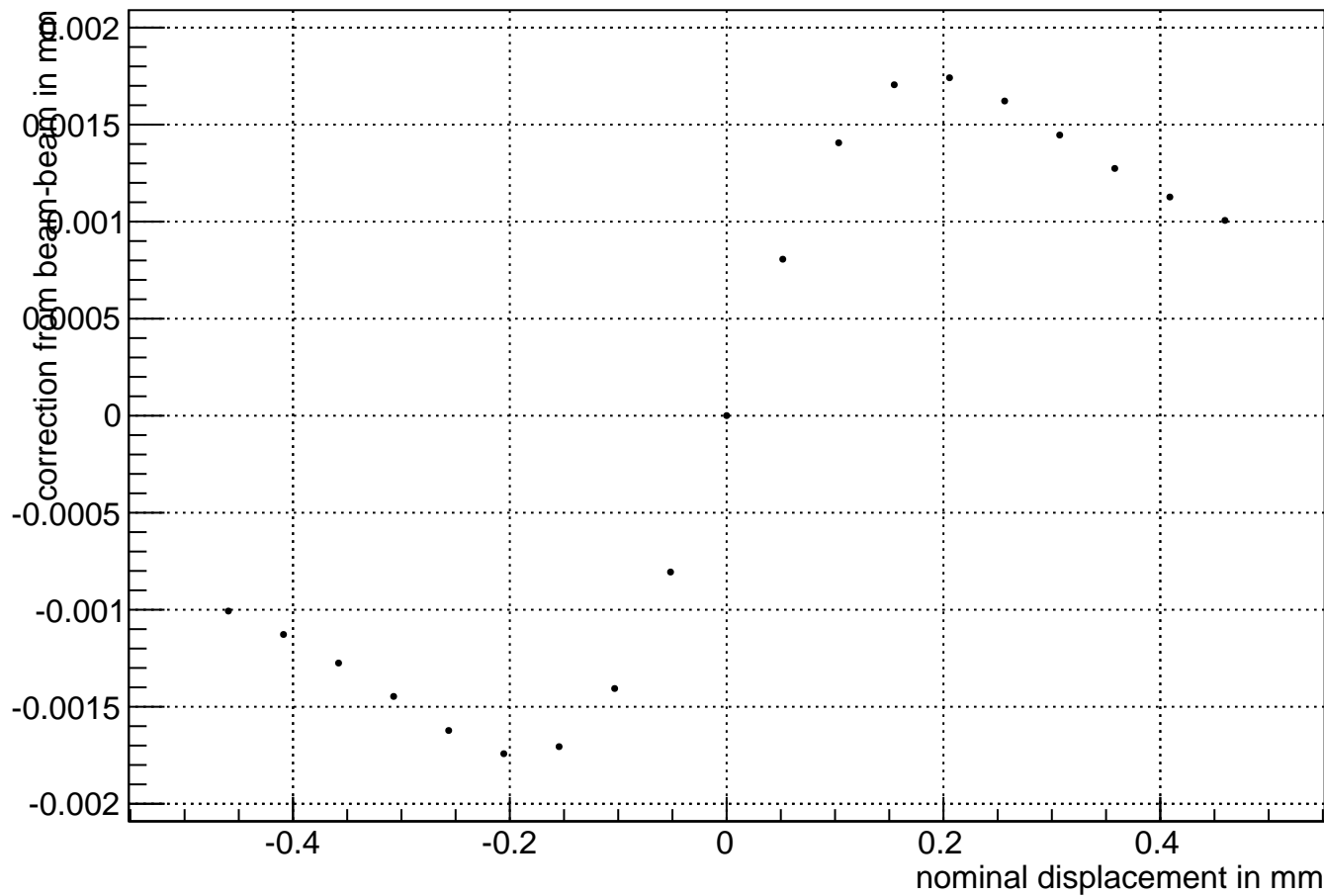
# BeamBeam correction for Y3\_171



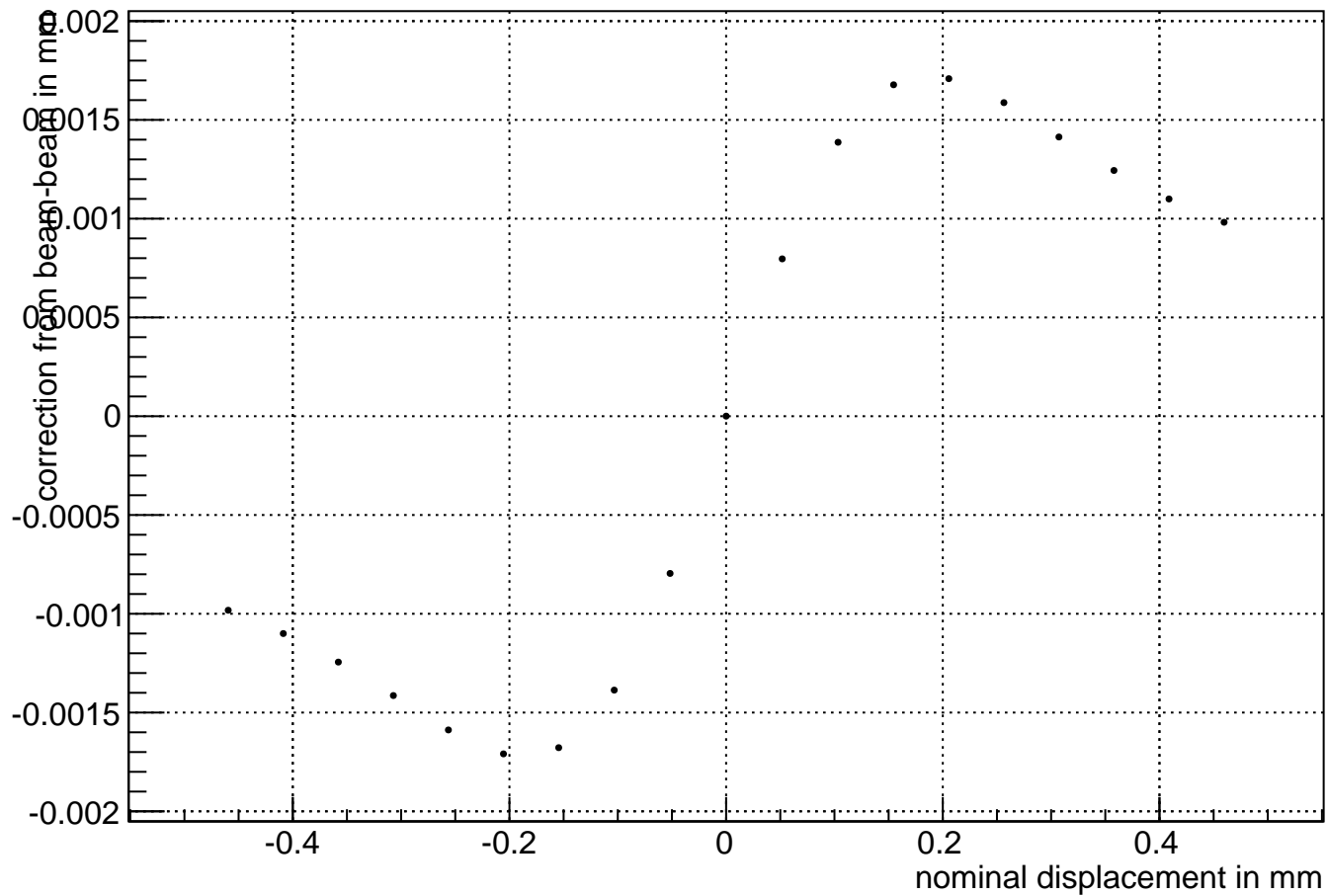
# BeamBeam correction for Y3\_211



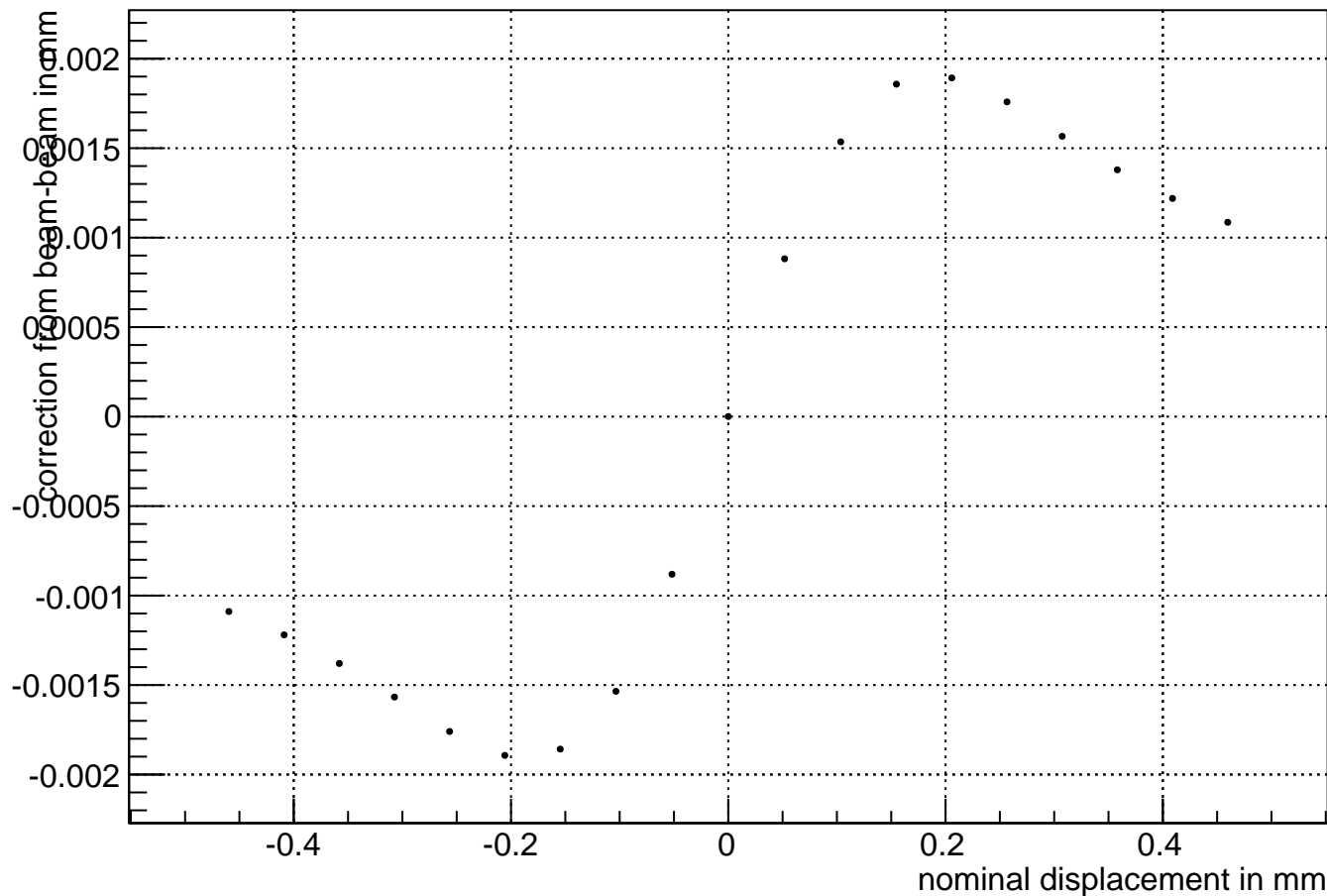
# BeamBeam correction for Y3\_251



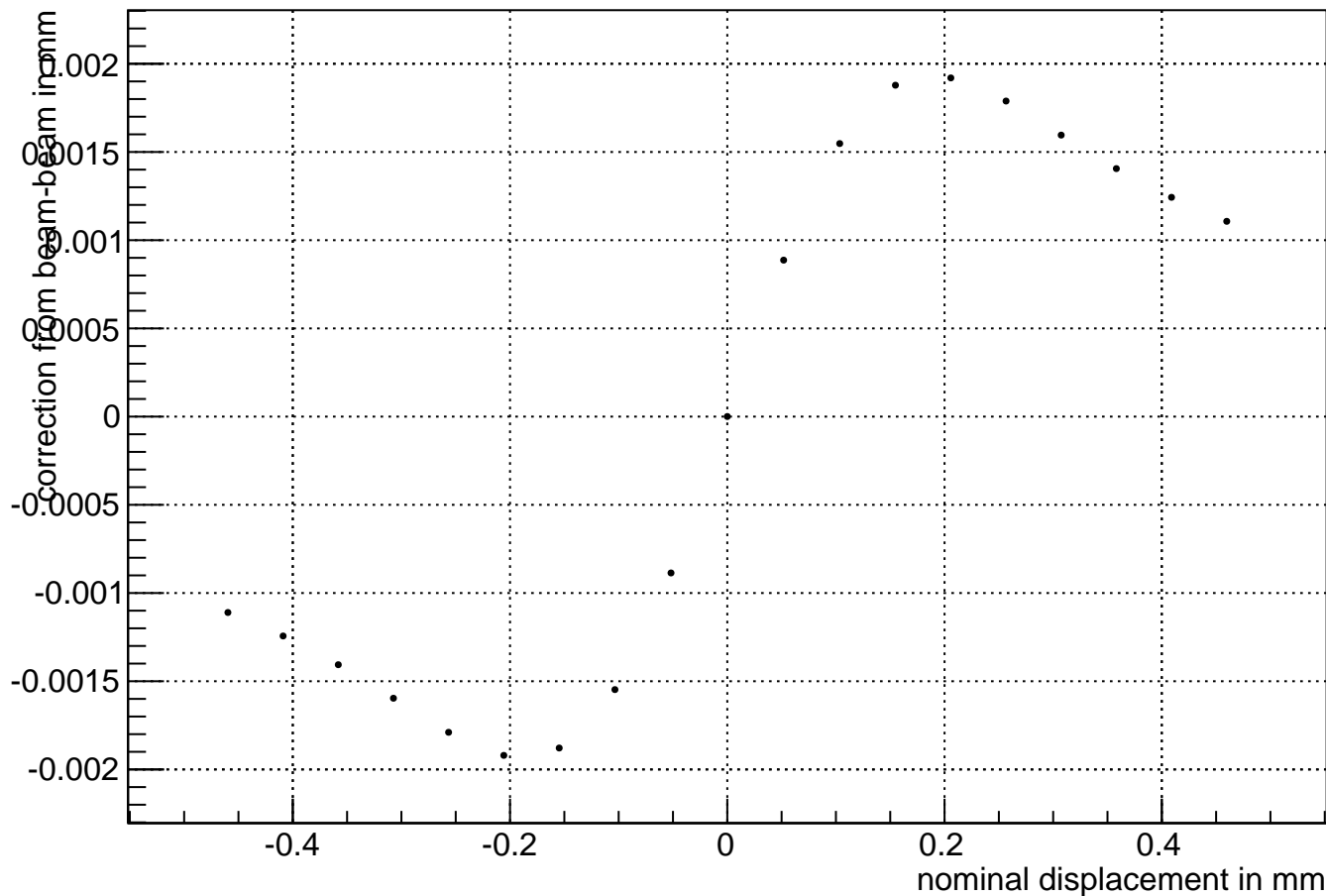
# BeamBeam correction for Y3\_291



# BeamBeam correction for Y3\_771

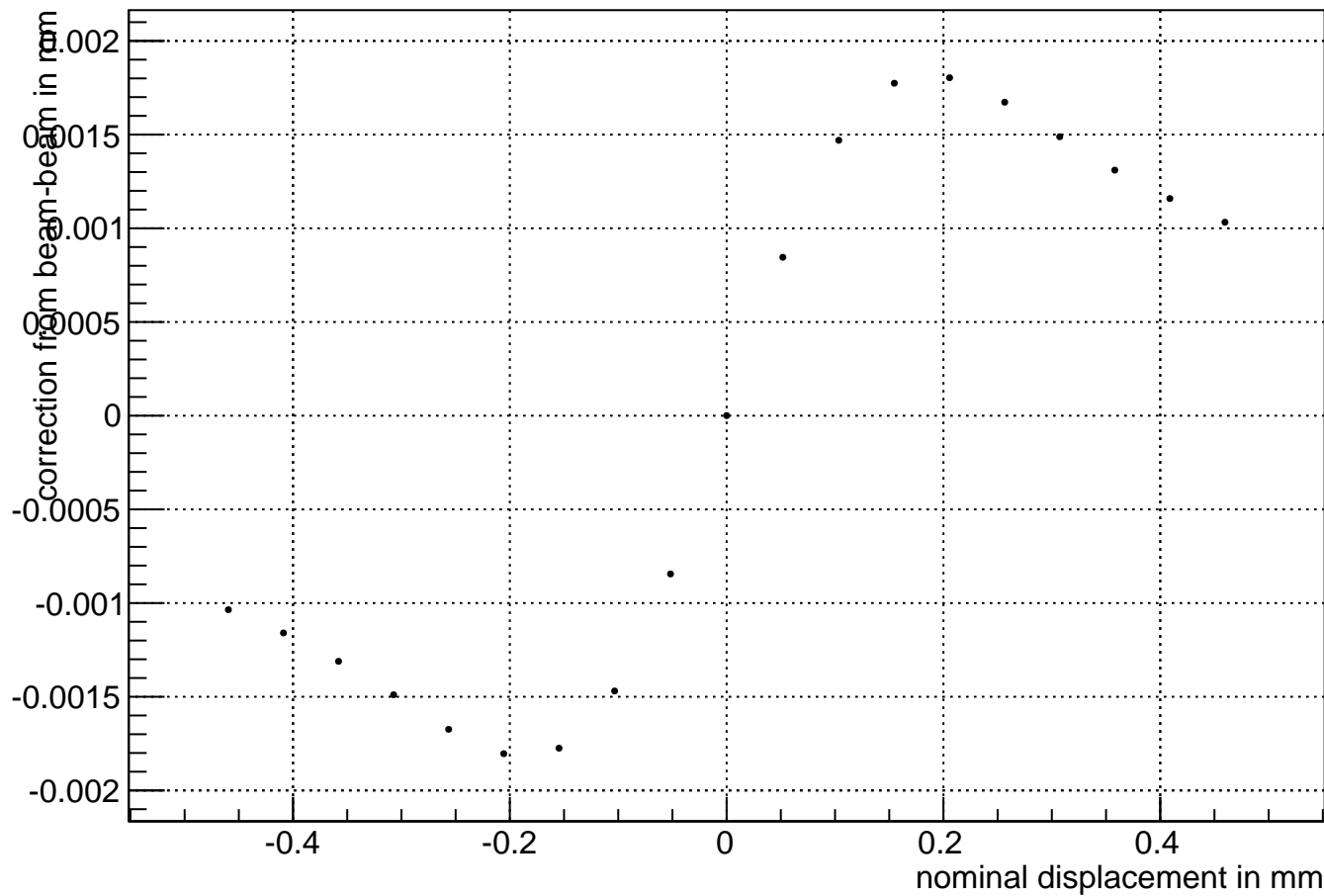


# BeamBeam correction for Y3\_811

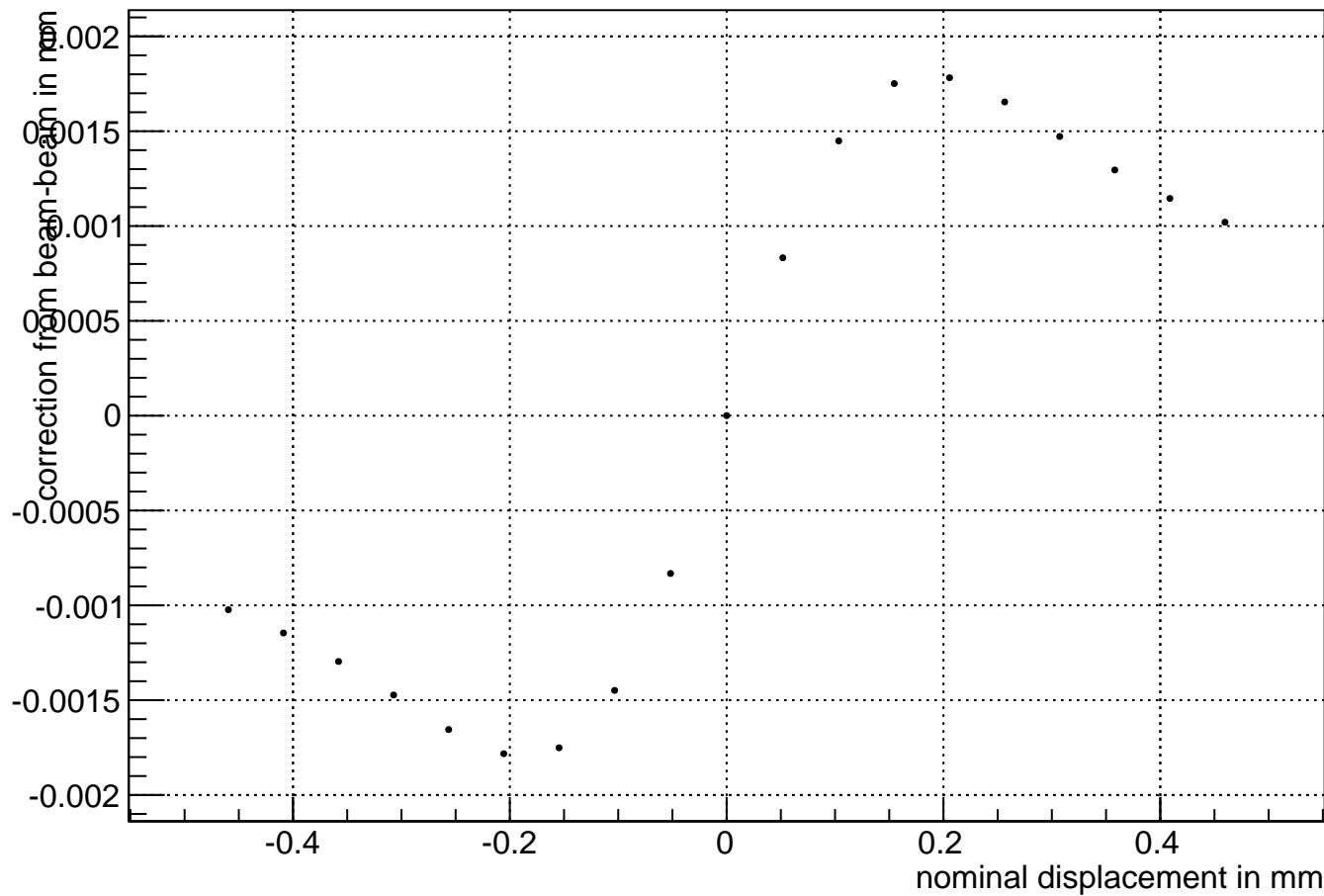




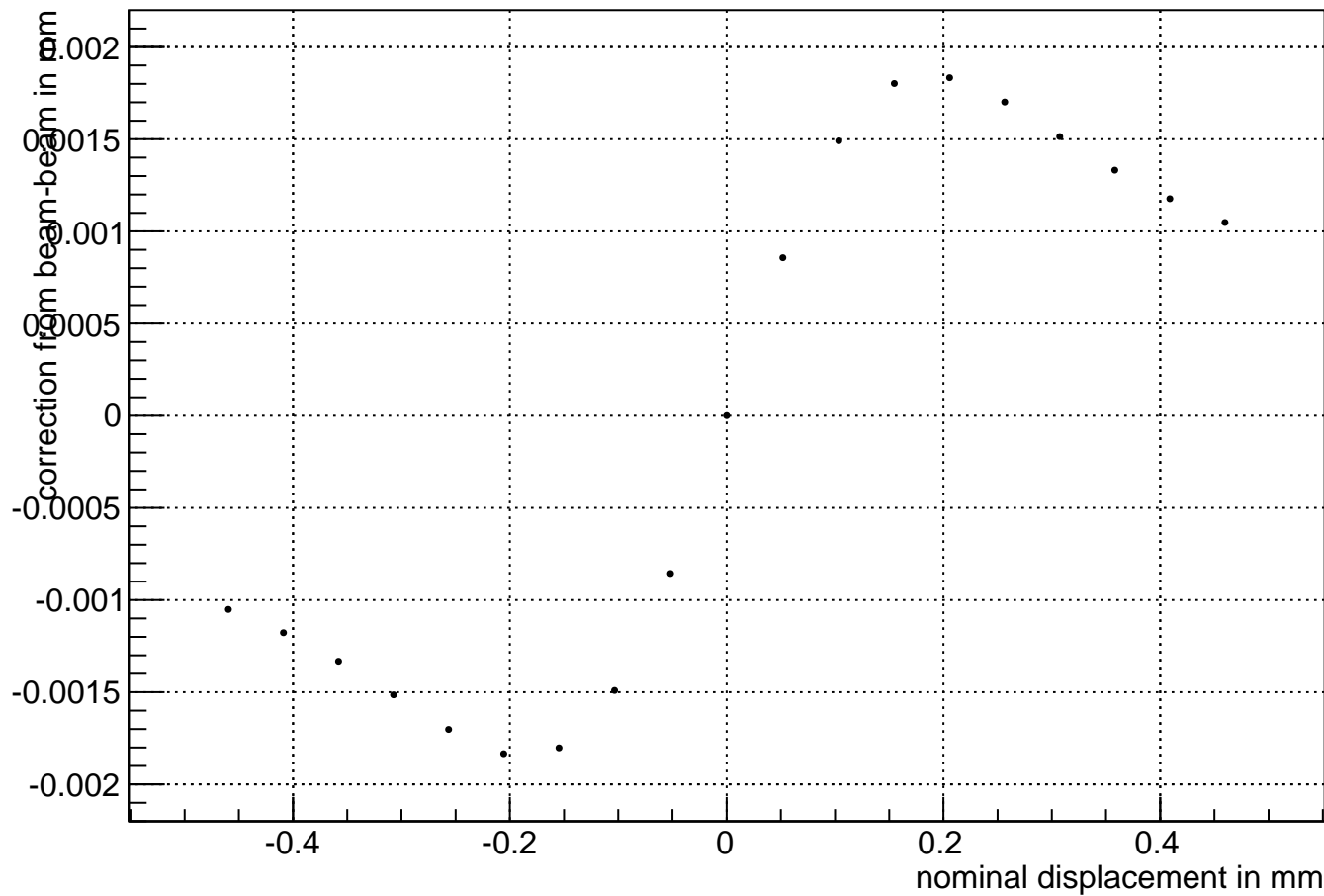
# BeamBeam correction for Y3\_851



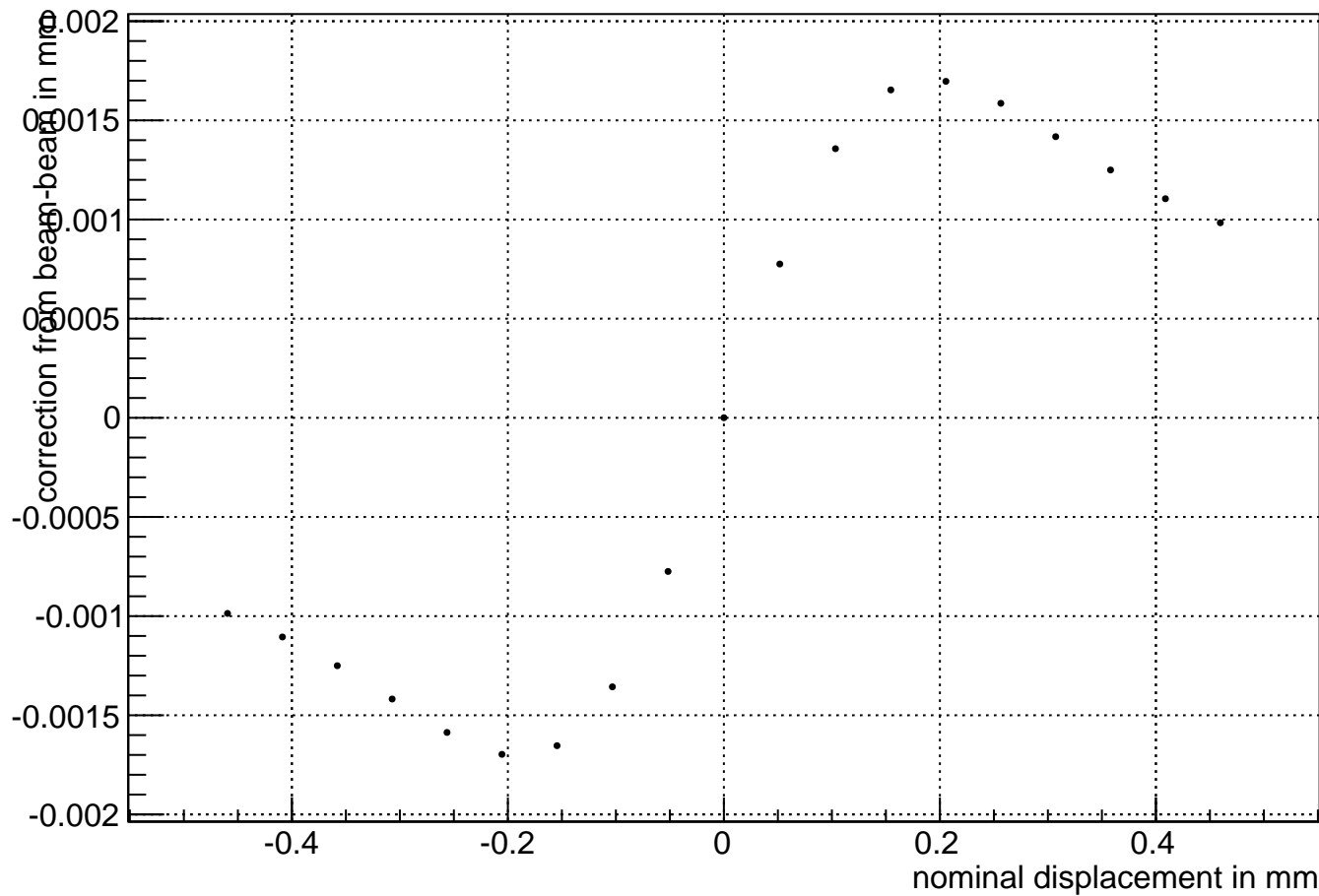
# BeamBeam correction for Y3\_891



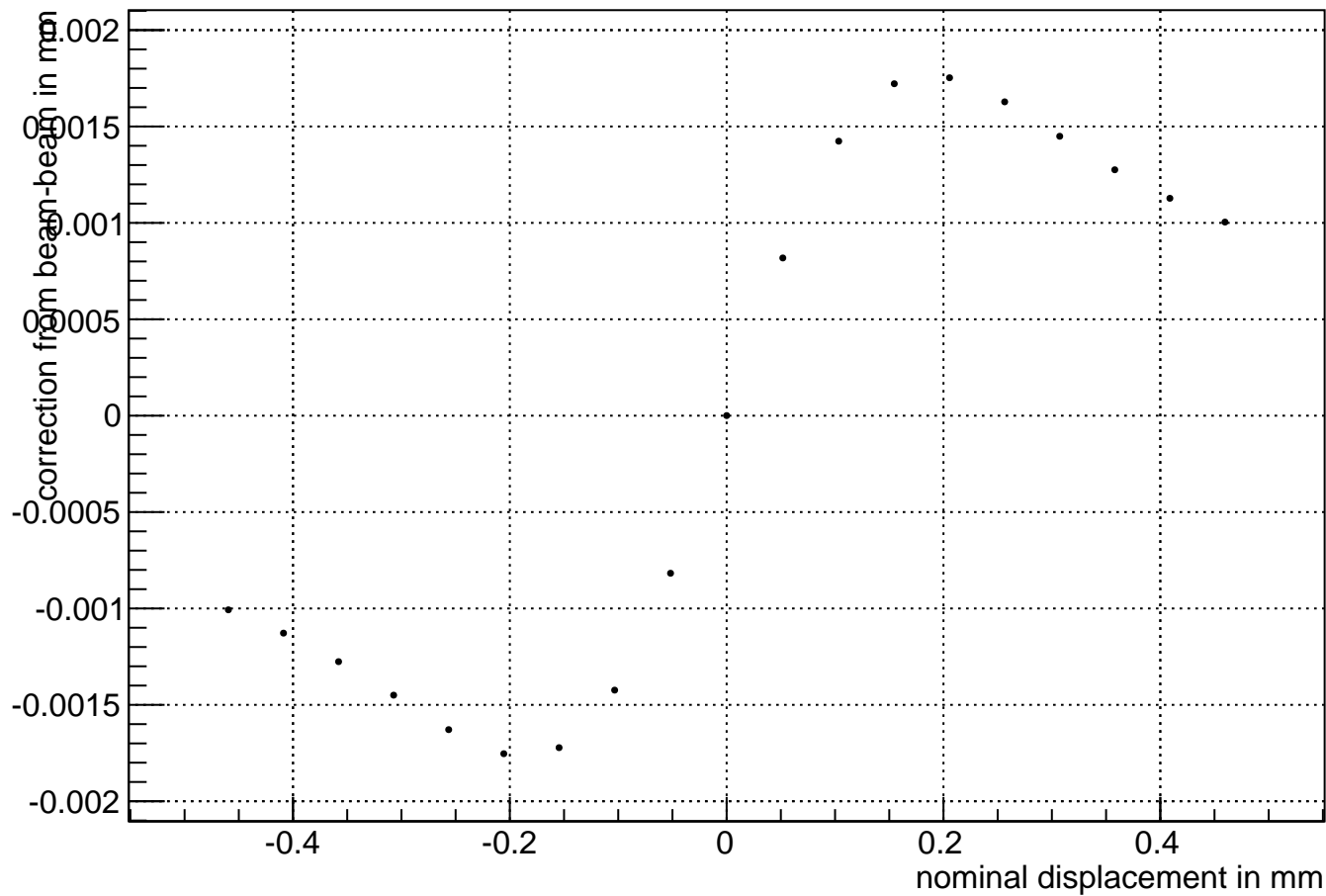
# BeamBeam correction for Y3\_931



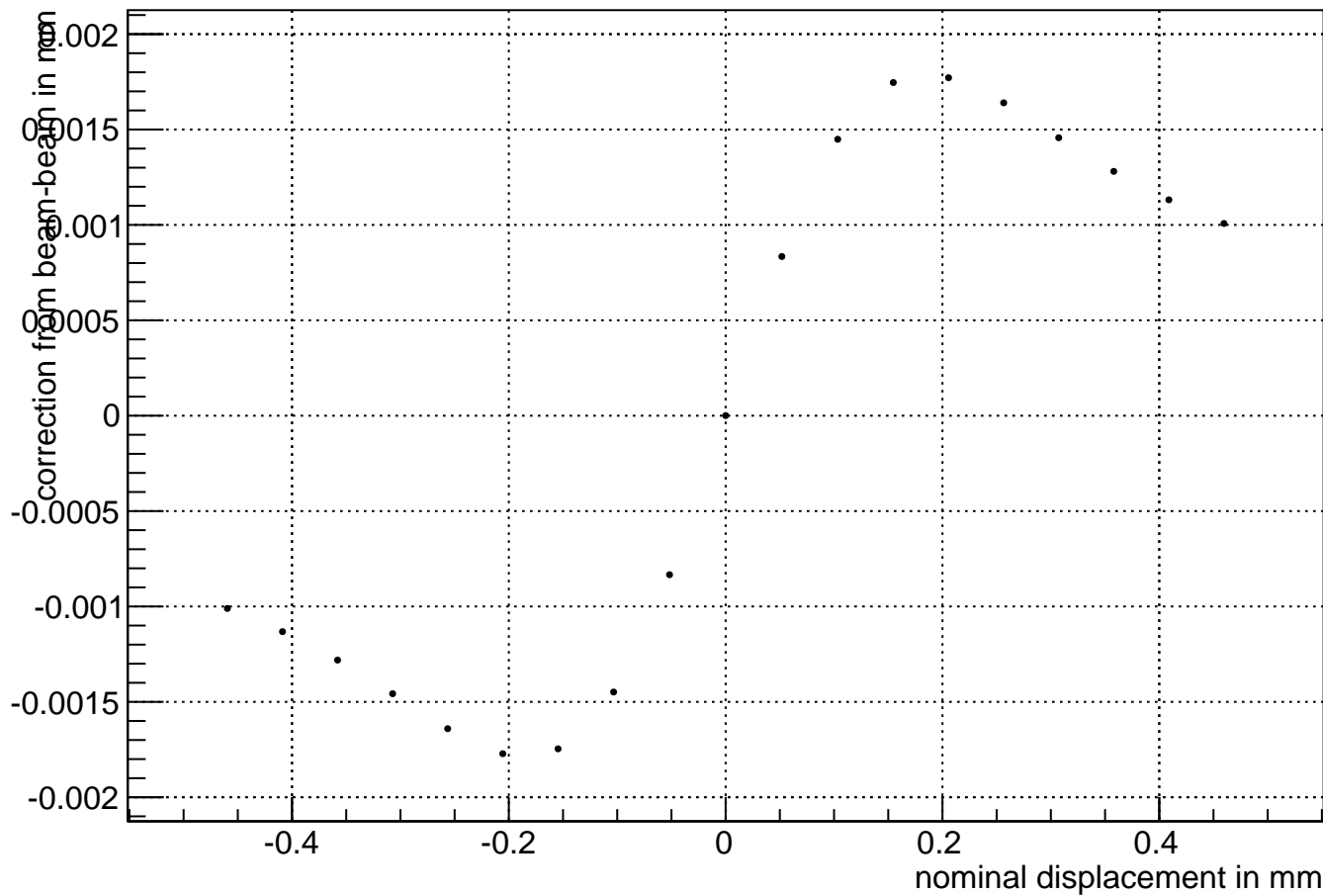
# BeamBeam correction for Y3\_971



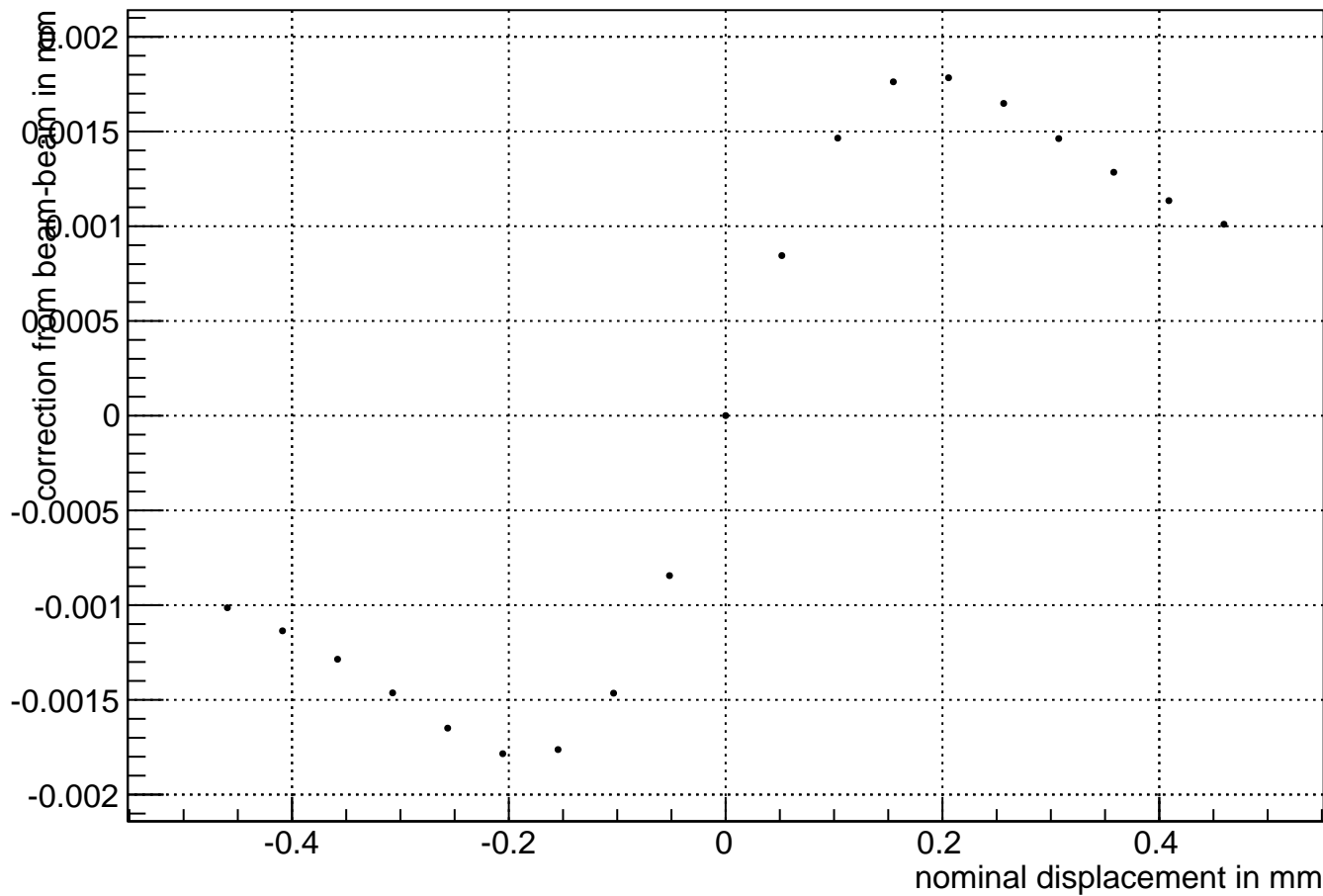
# BeamBeam correction for Y3\_1011



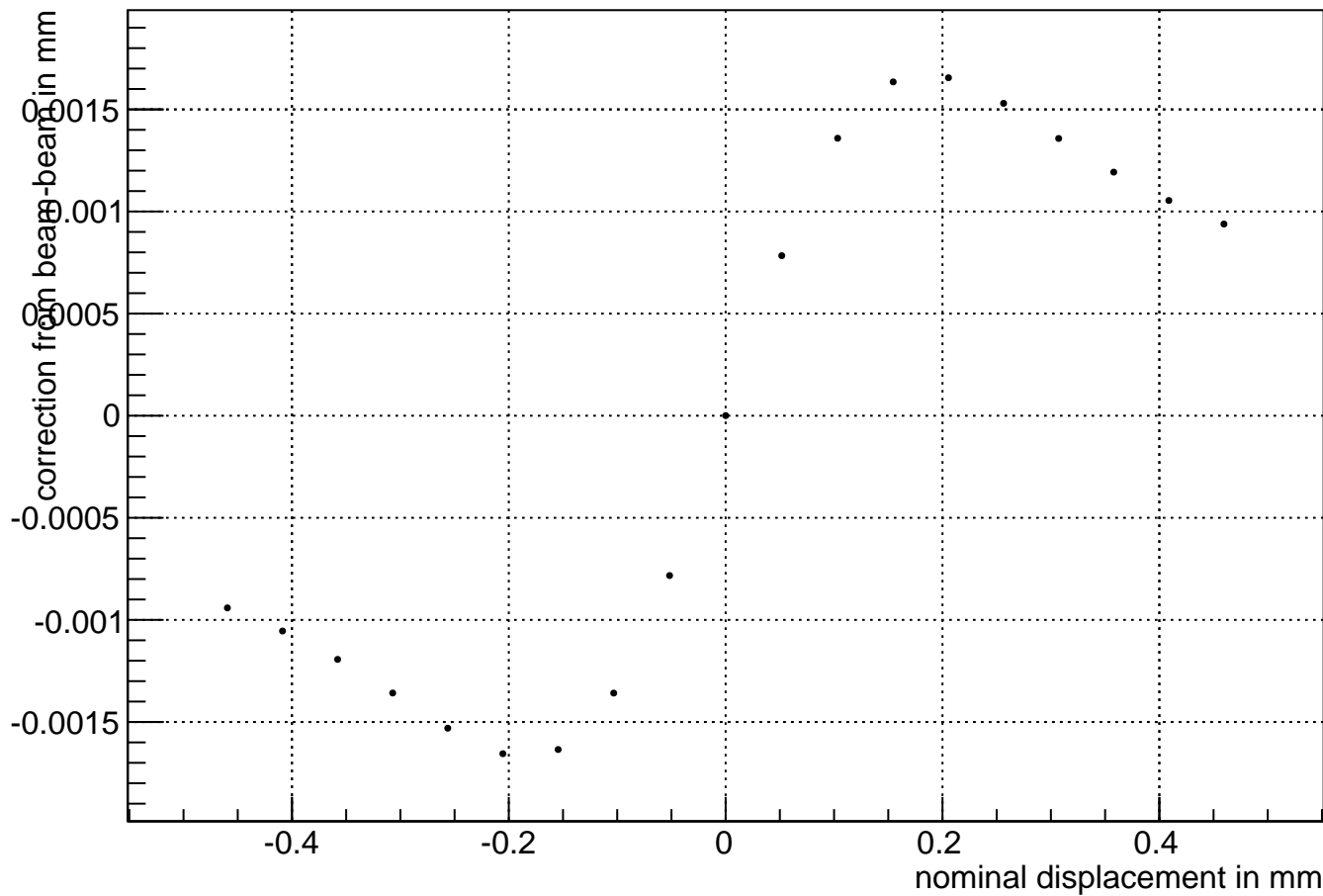
# BeamBeam correction for Y3\_1631



# BeamBeam correction for Y3\_1671

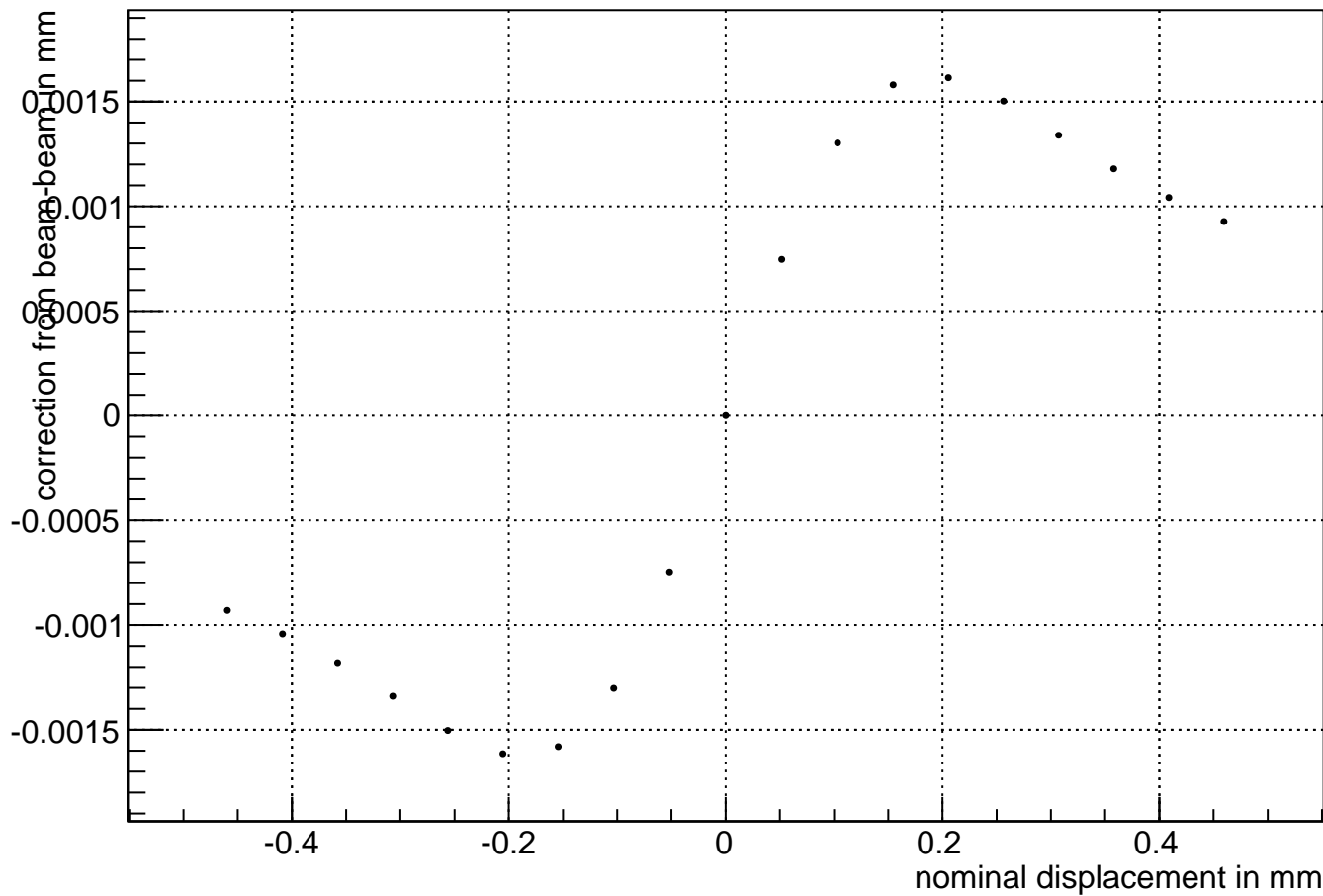


# BeamBeam correction for Y3\_1711

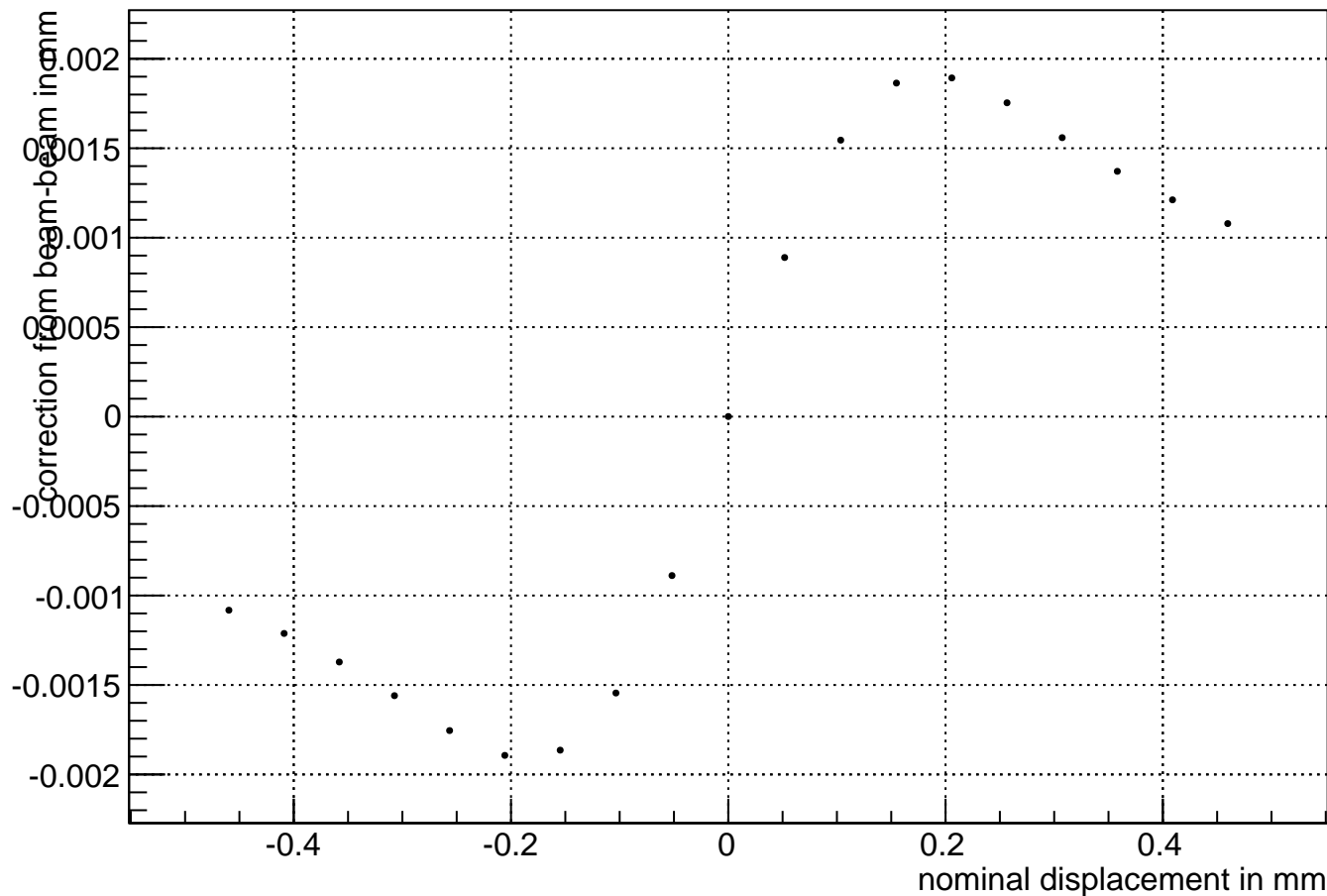




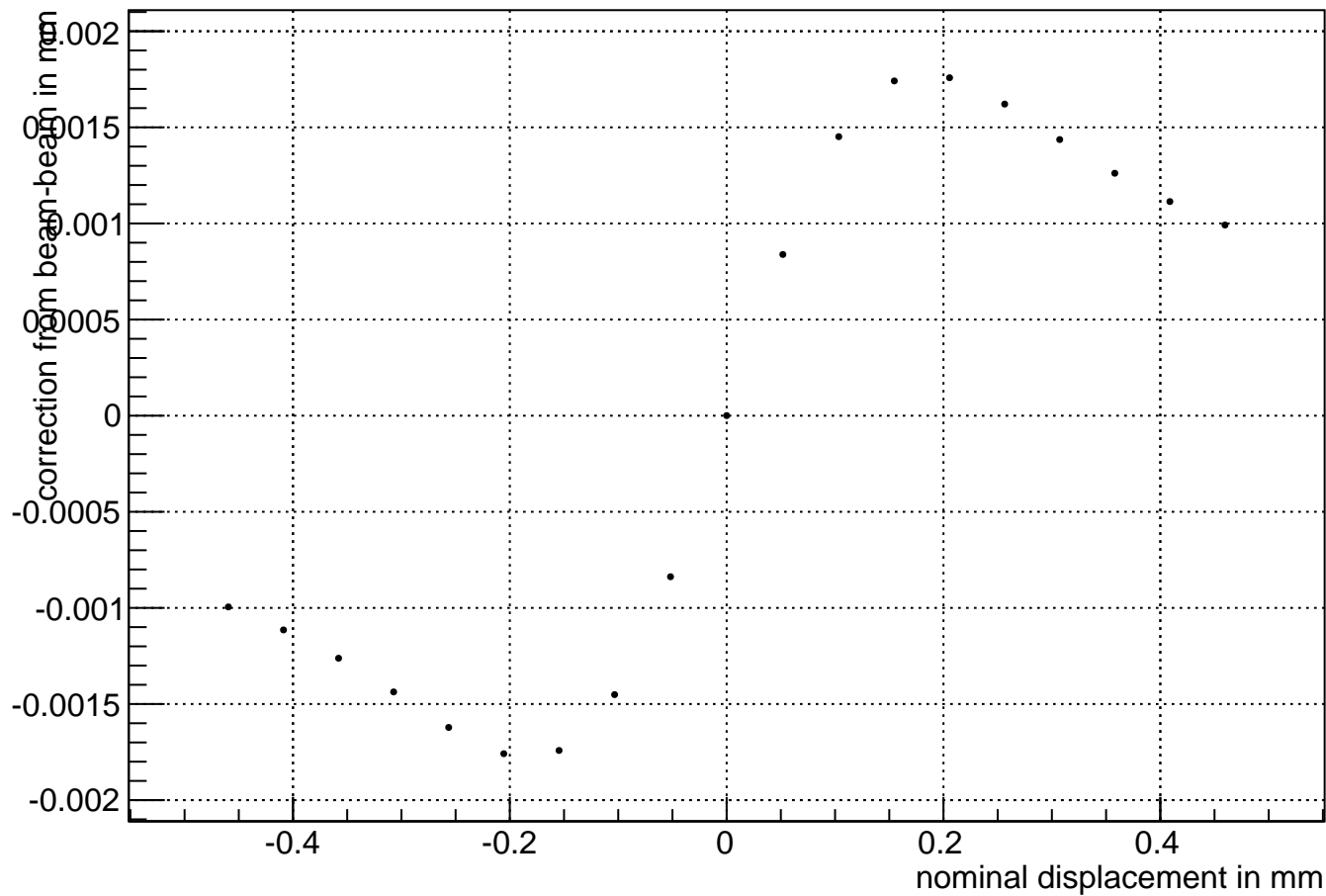
# BeamBeam correction for Y3\_1751



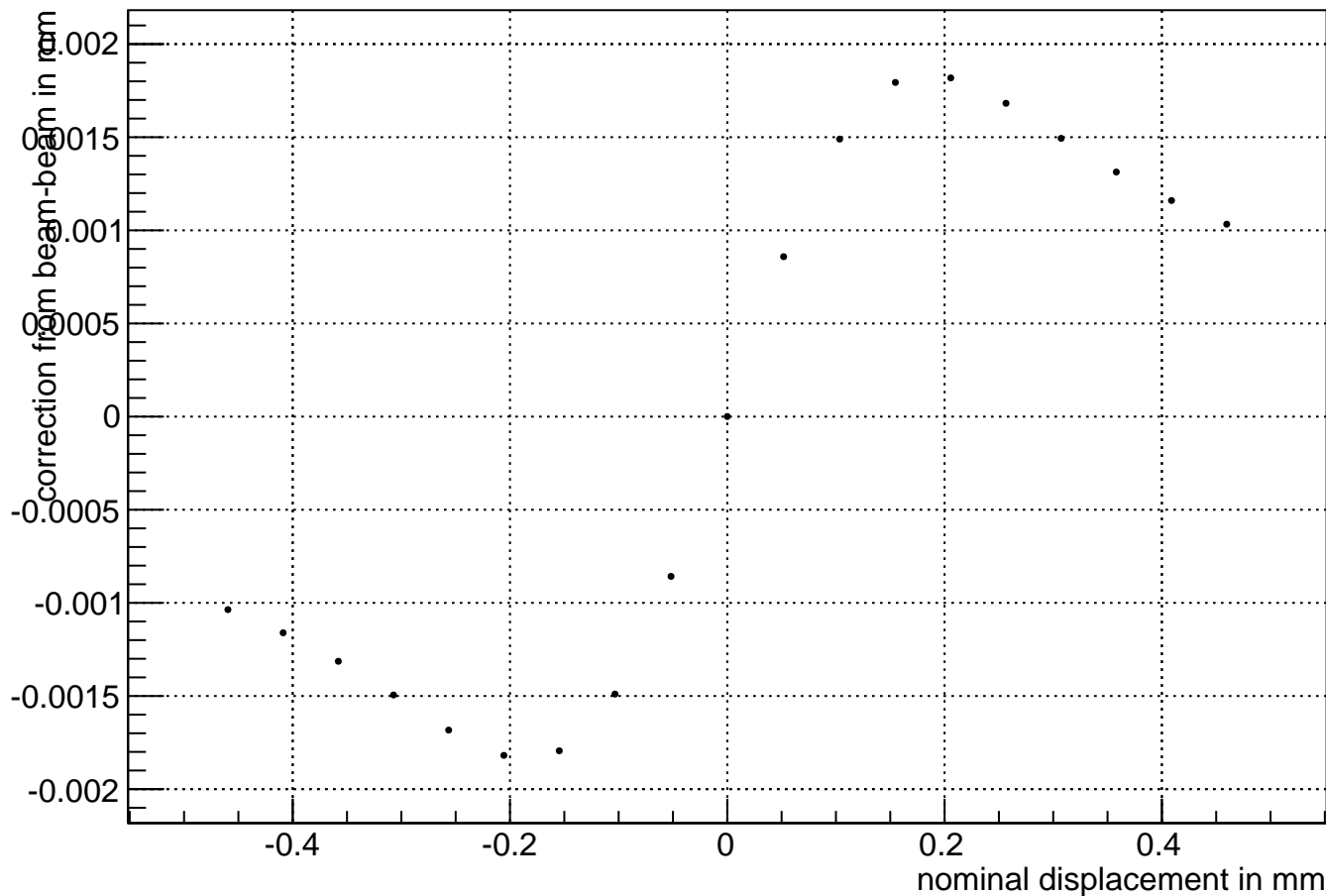
# BeamBeam correction for Y3\_1791



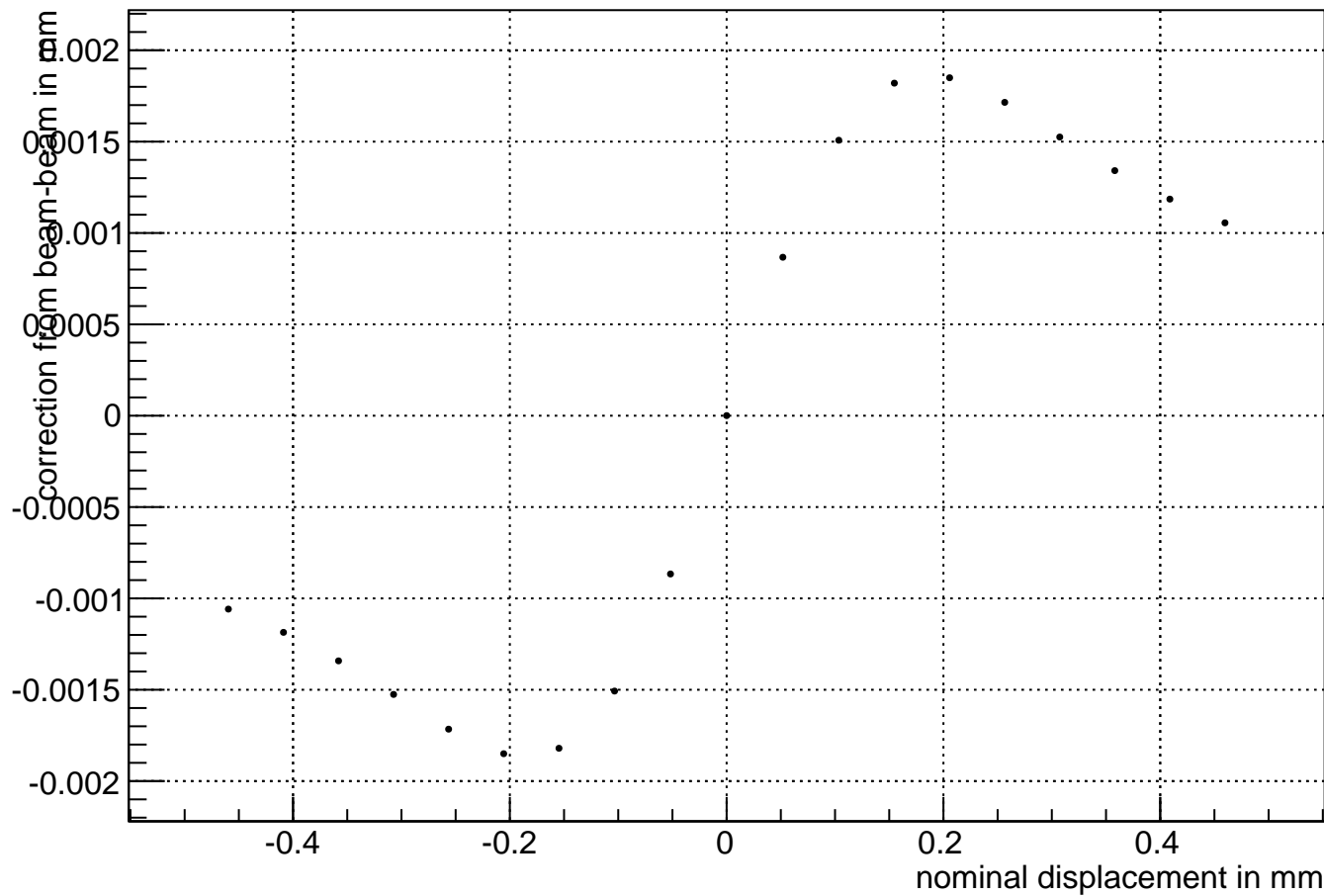
# BeamBeam correction for Y3\_1831



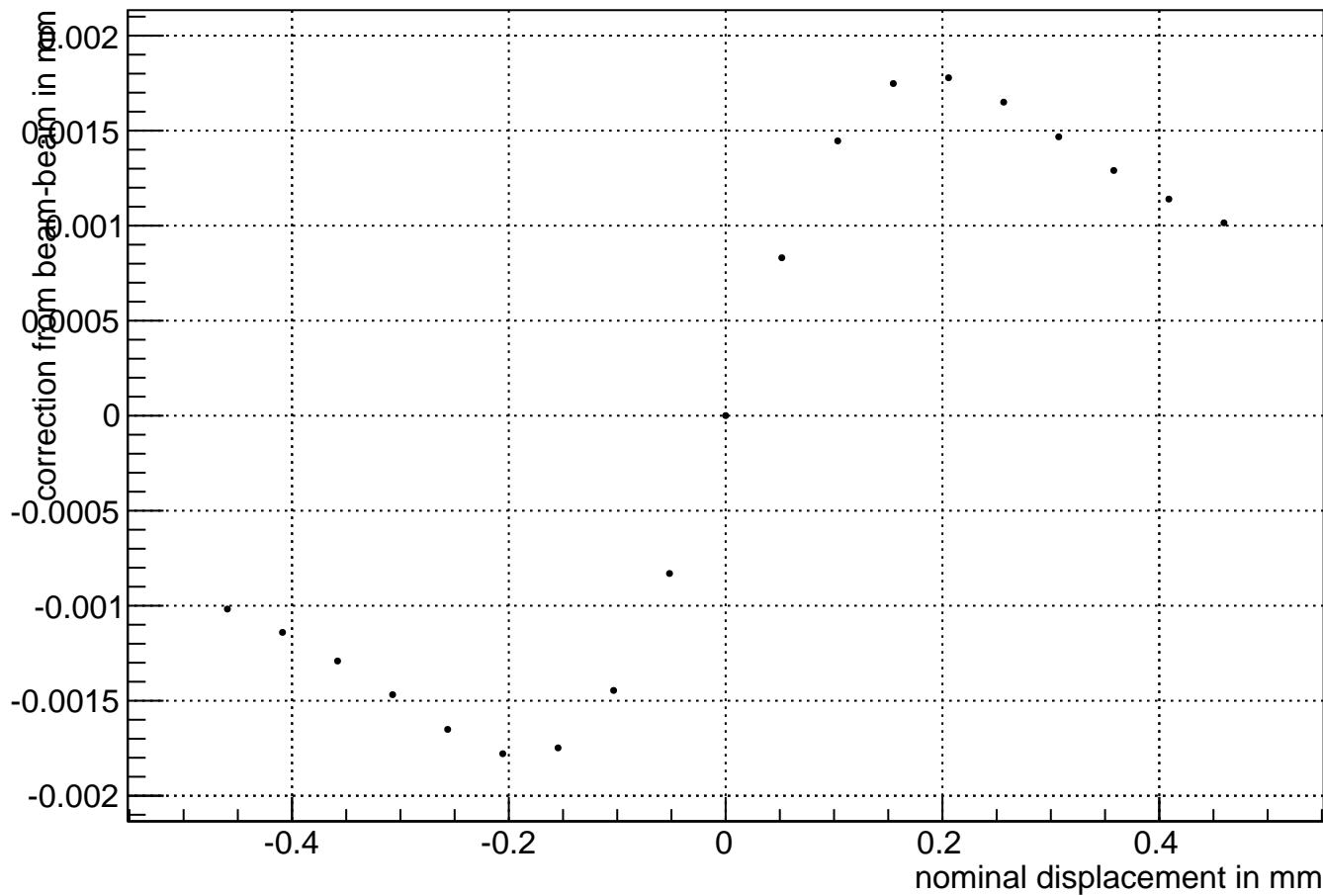
# BeamBeam correction for Y3\_1871



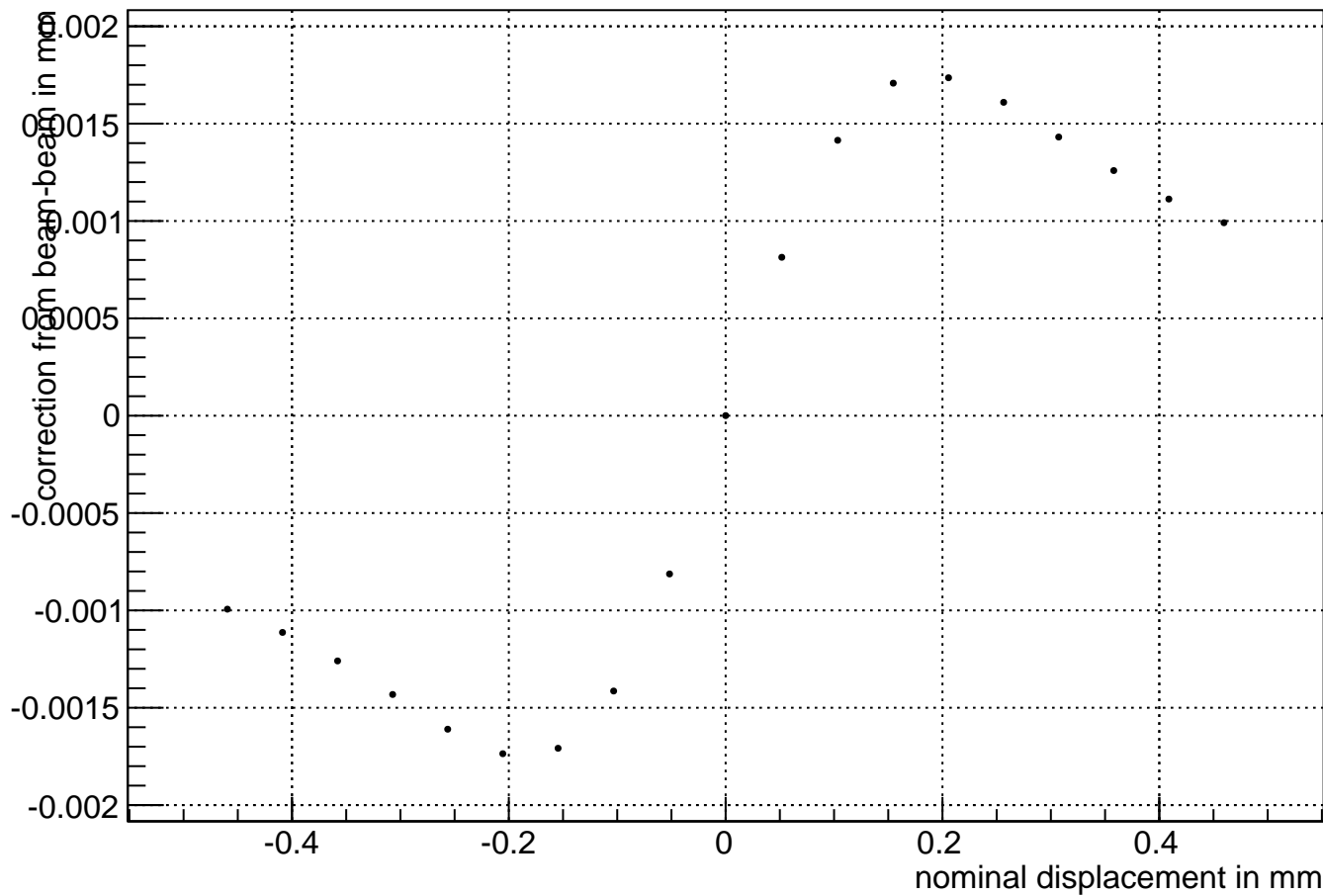
# BeamBeam correction for Y3\_2211



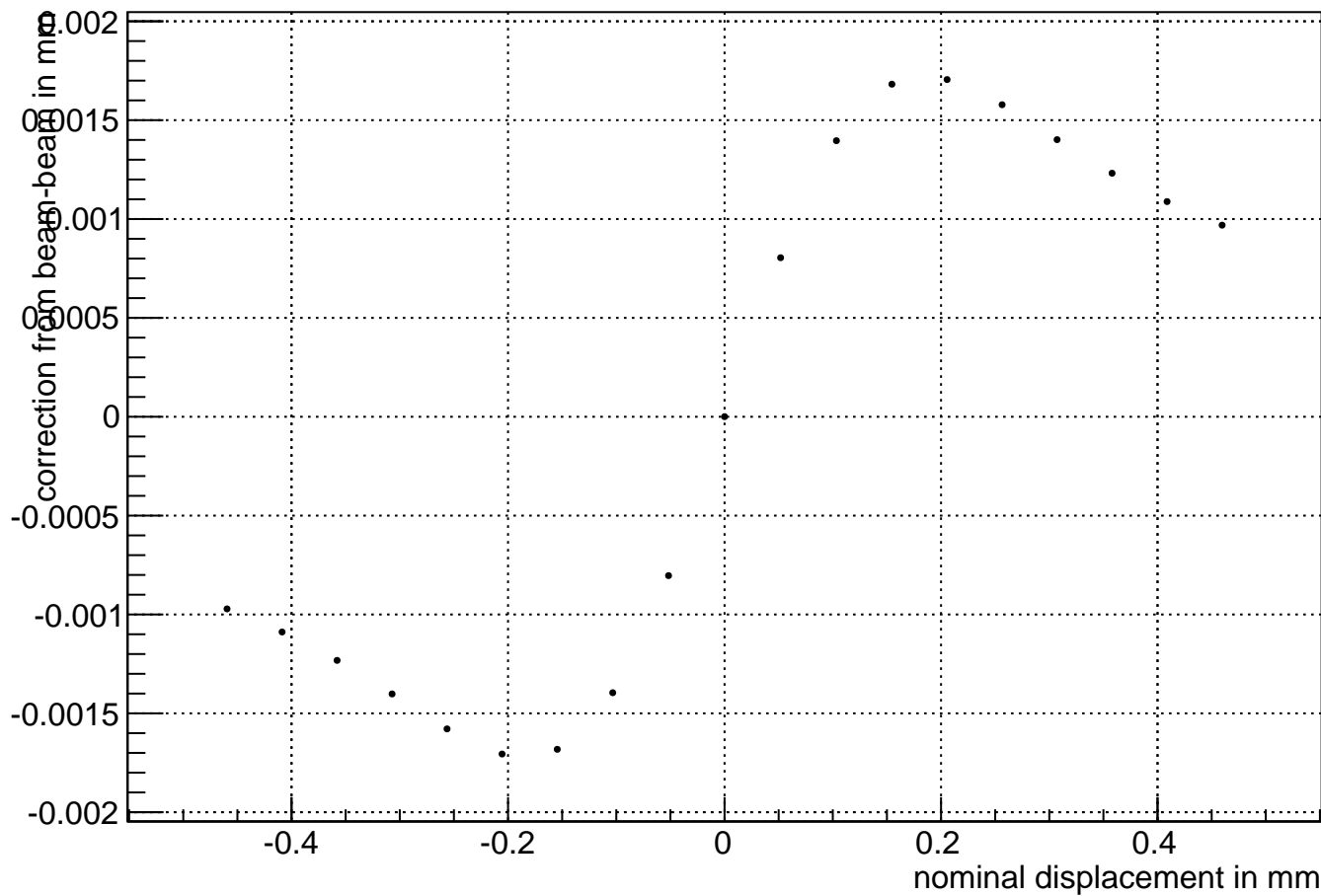
# BeamBeam correction for Y3\_2251



# BeamBeam correction for Y3\_2291

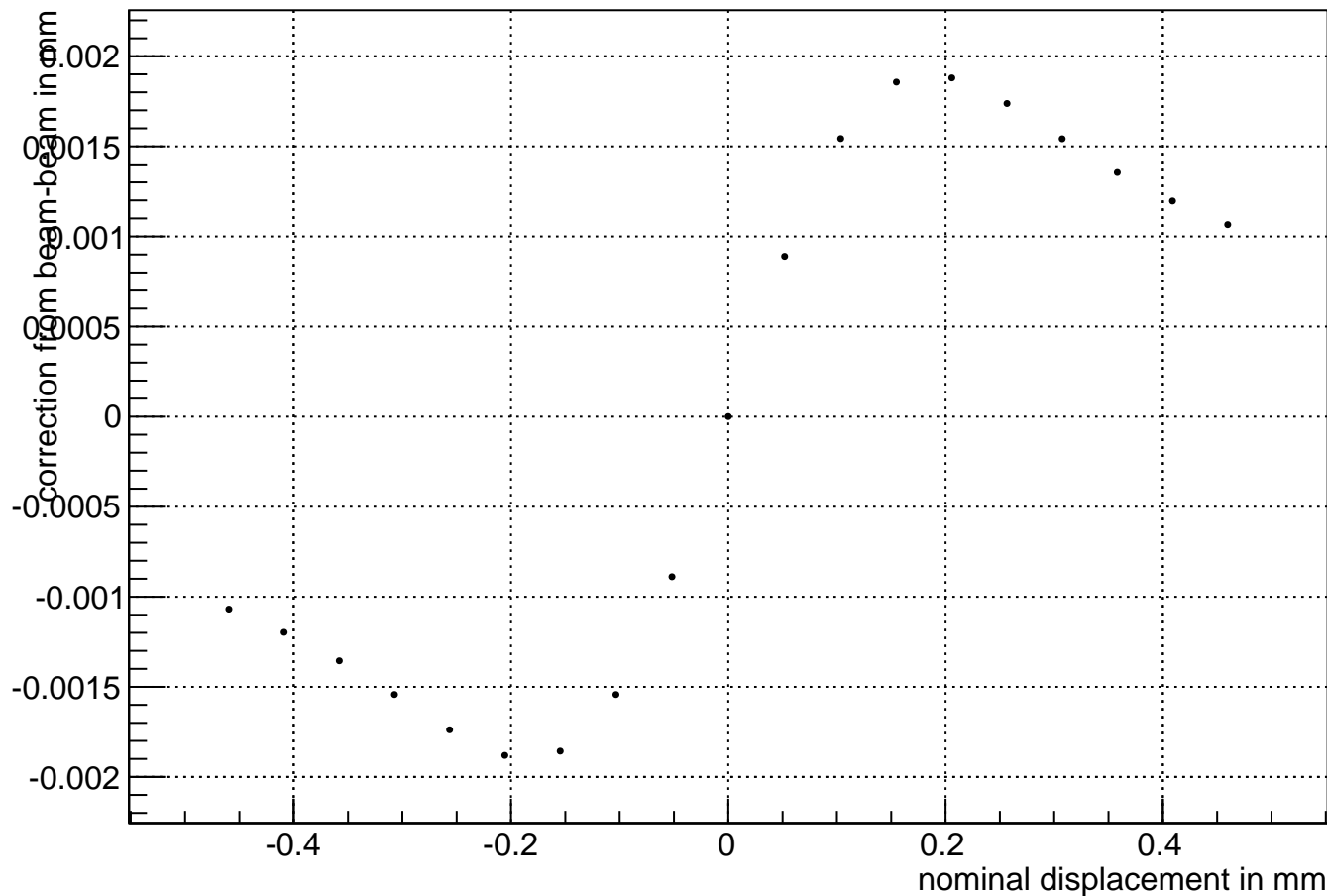


# BeamBeam correction for Y3\_2331

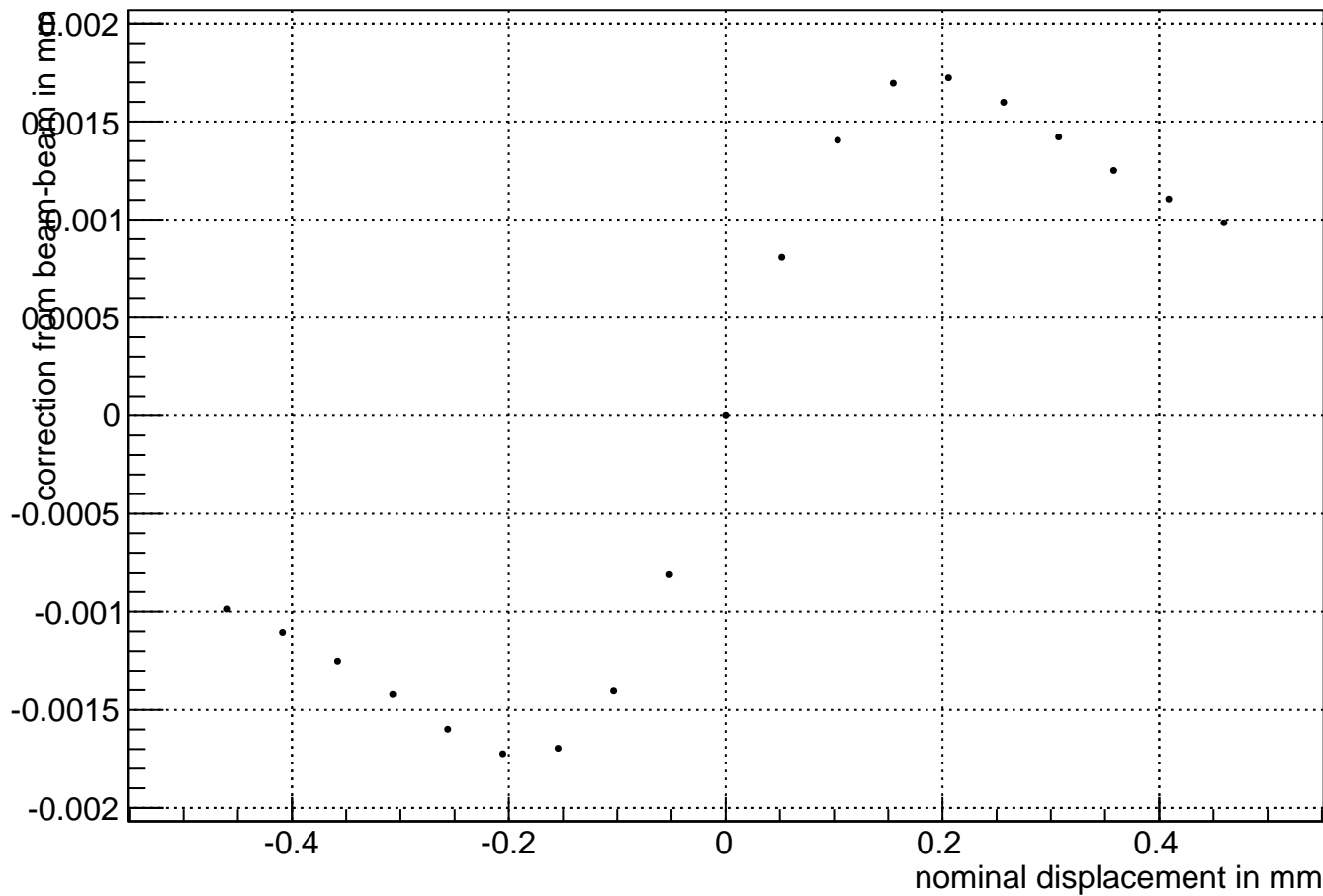




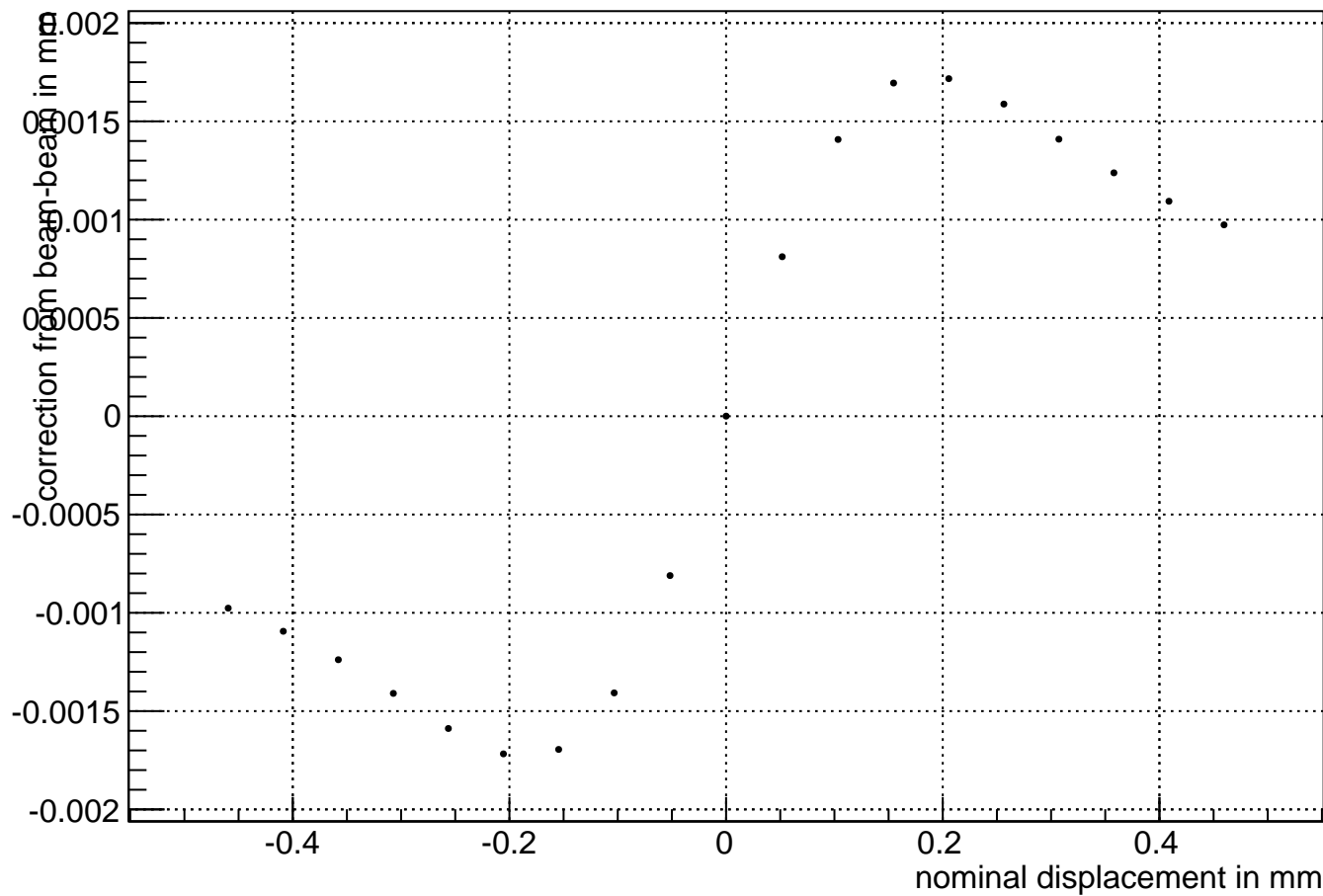
# BeamBeam correction for Y3\_2371



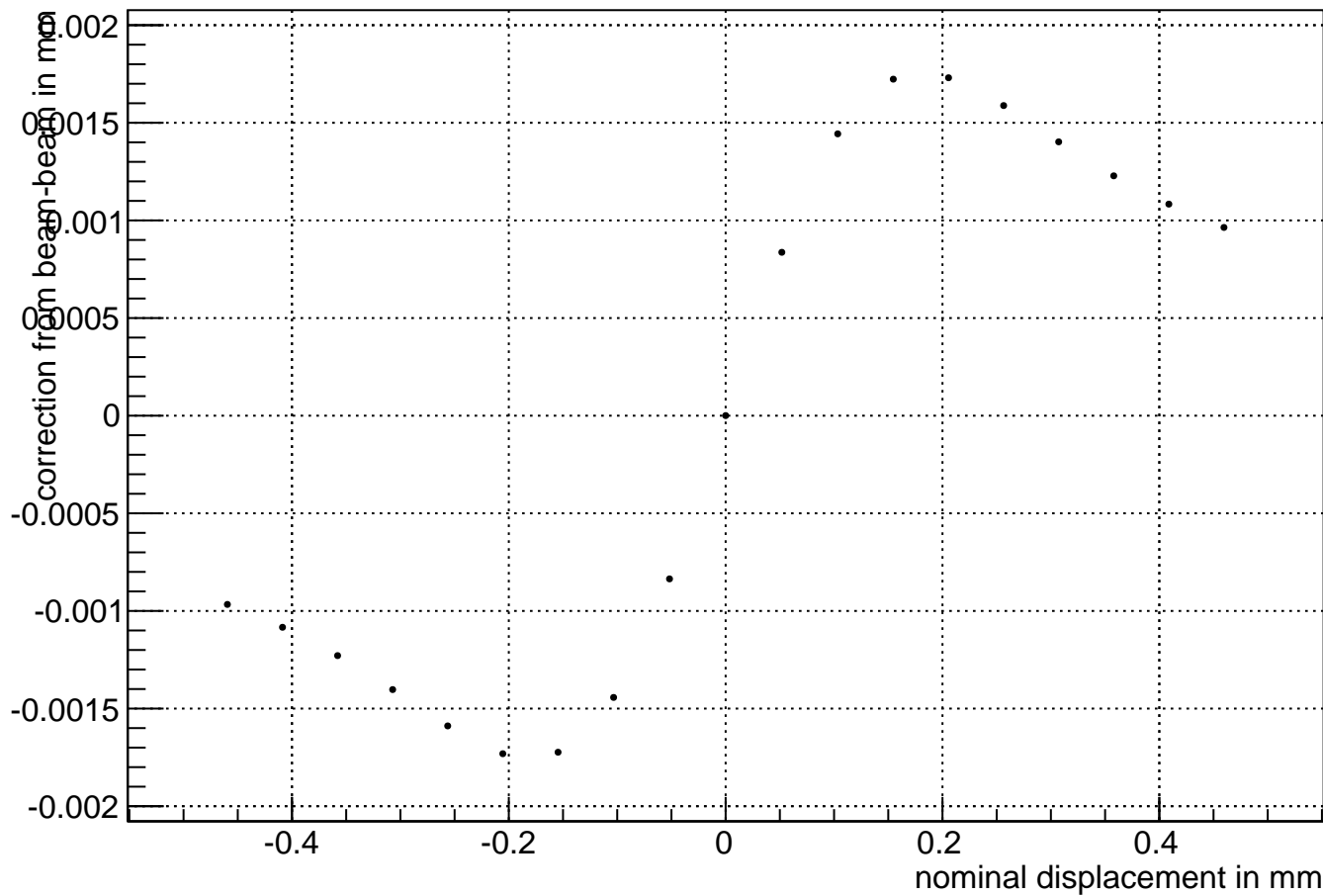
# BeamBeam correction for Y3\_2411



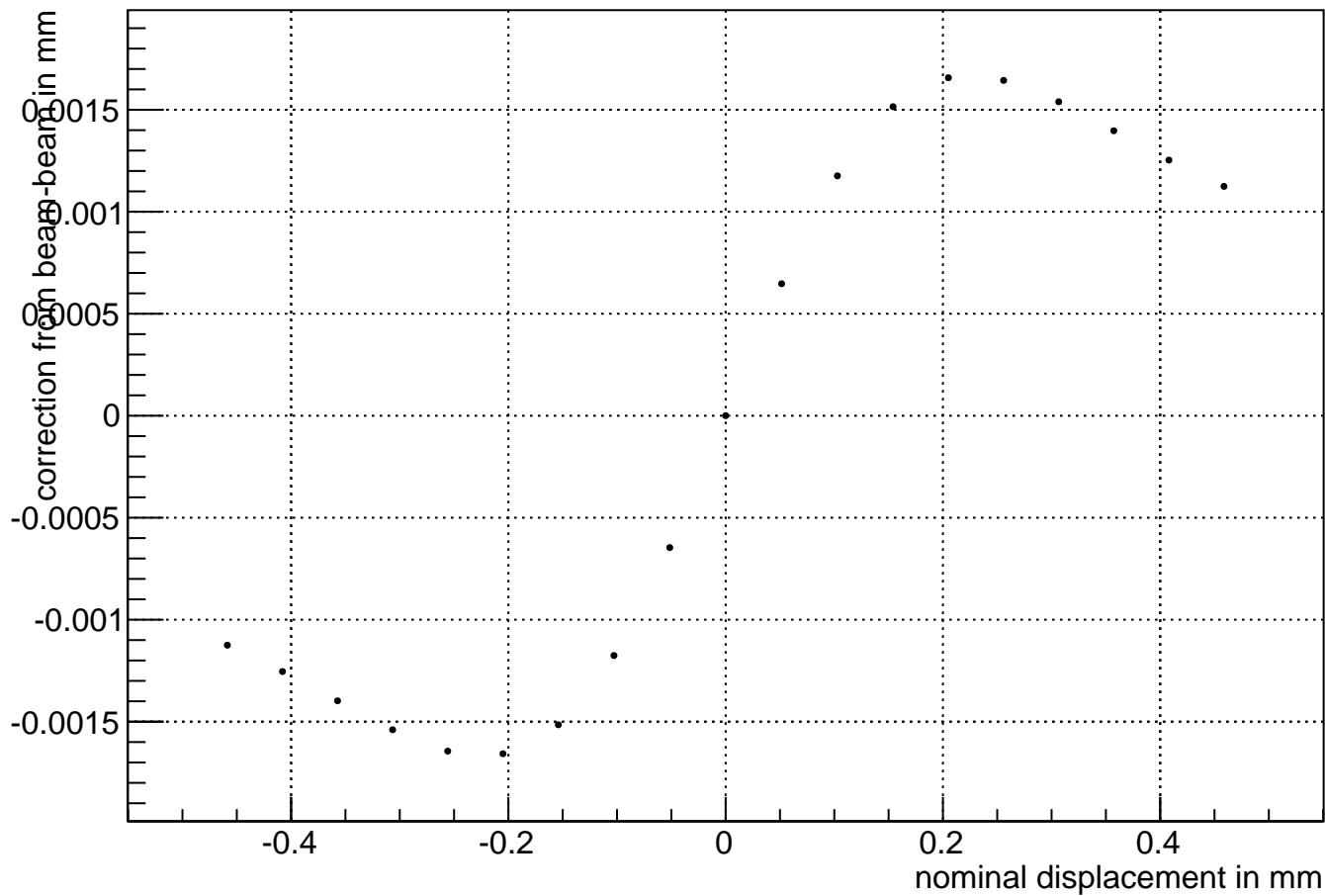
# BeamBeam correction for Y3\_2451



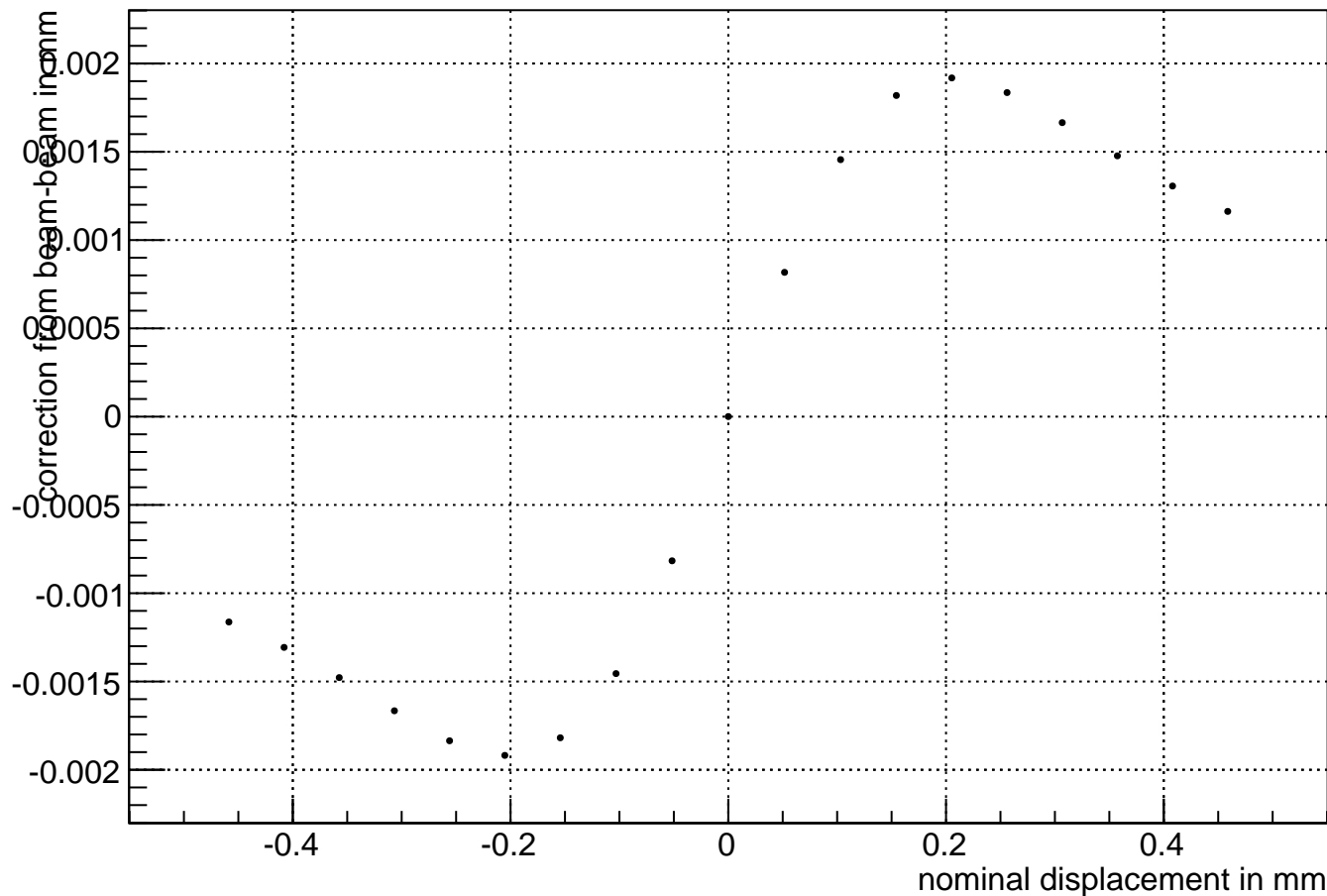
# BeamBeam correction for Y3\_2674



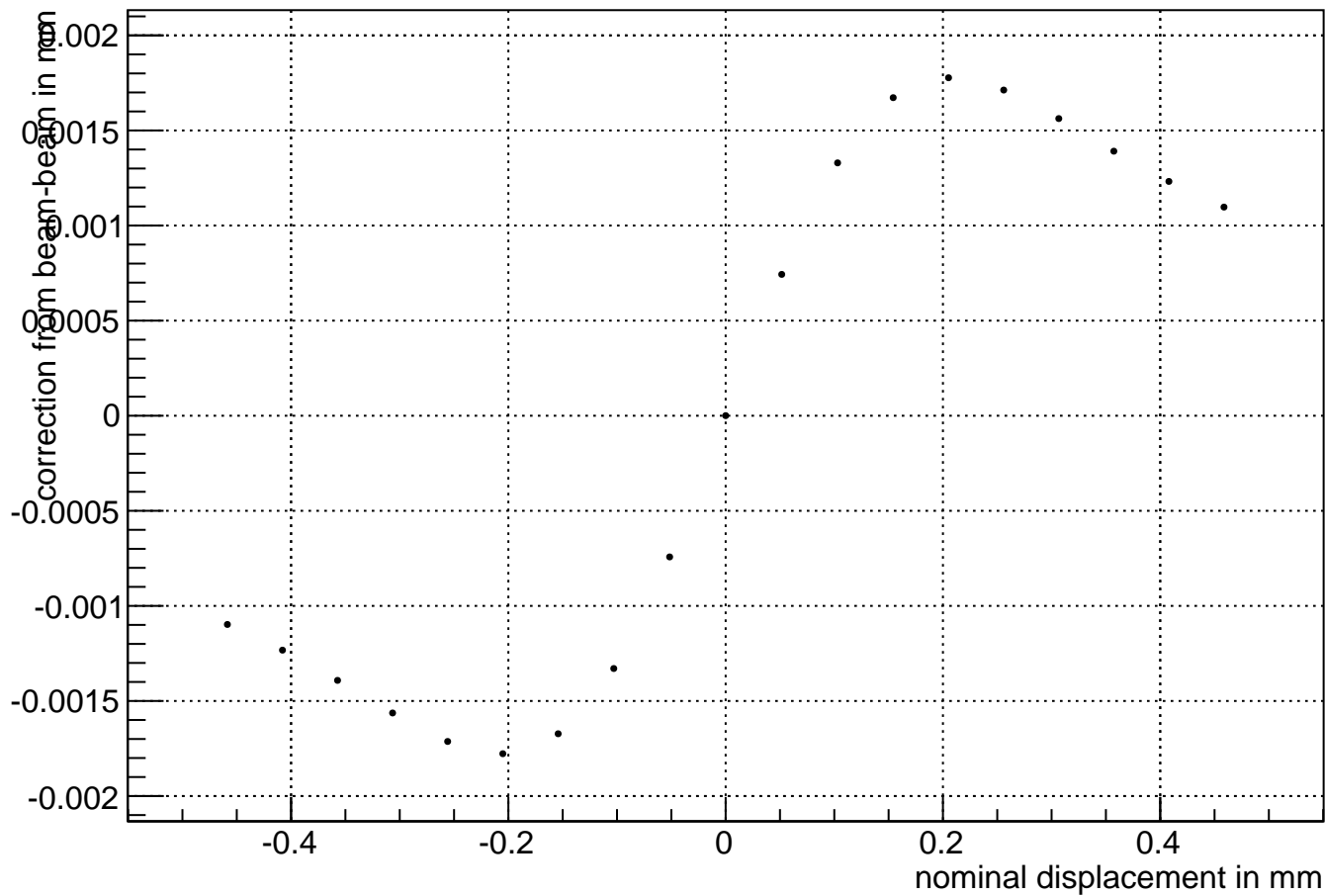
# BeamBeam correction for X4\_1



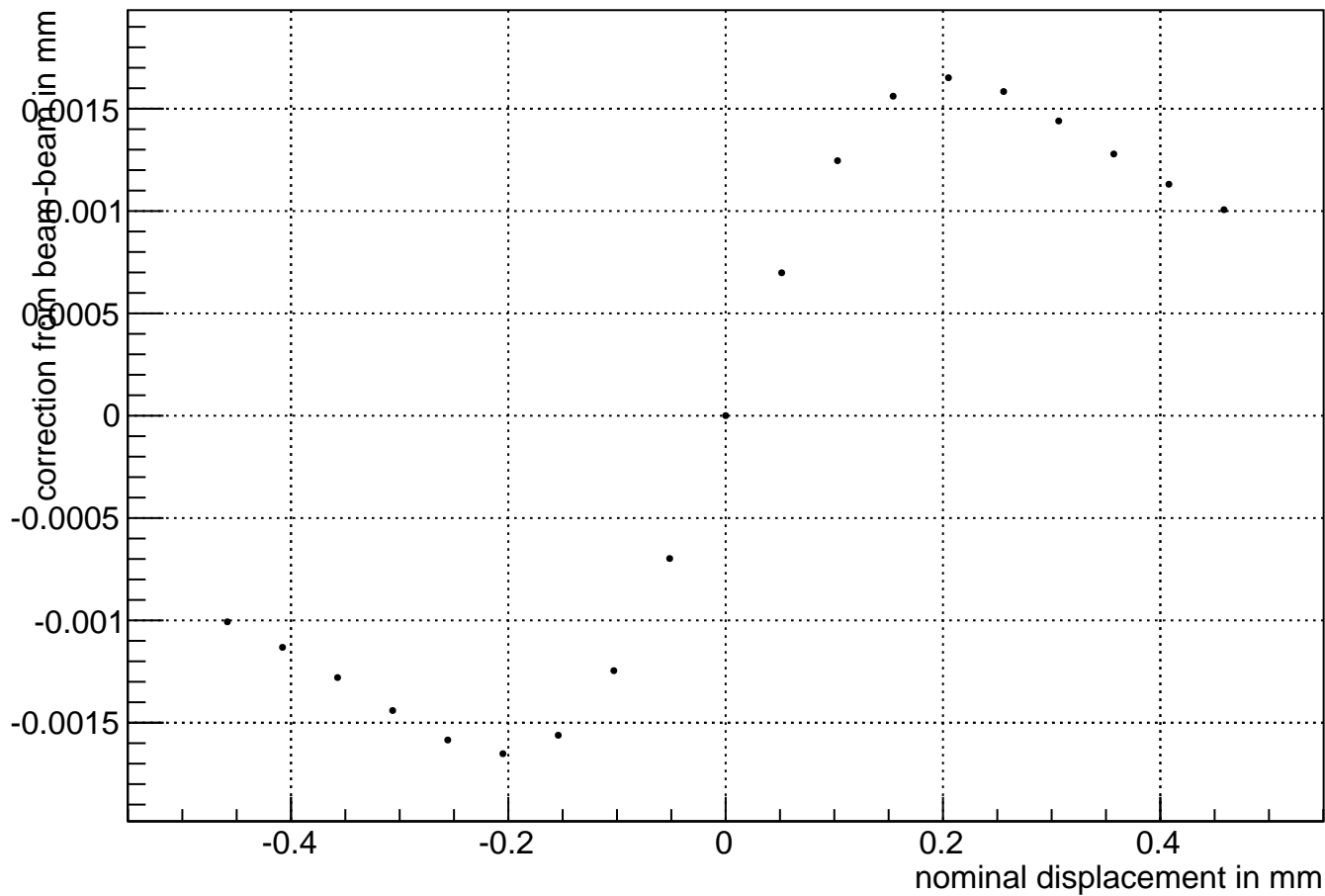
# BeamBeam correction for X4\_51



# BeamBeam correction for X4\_91

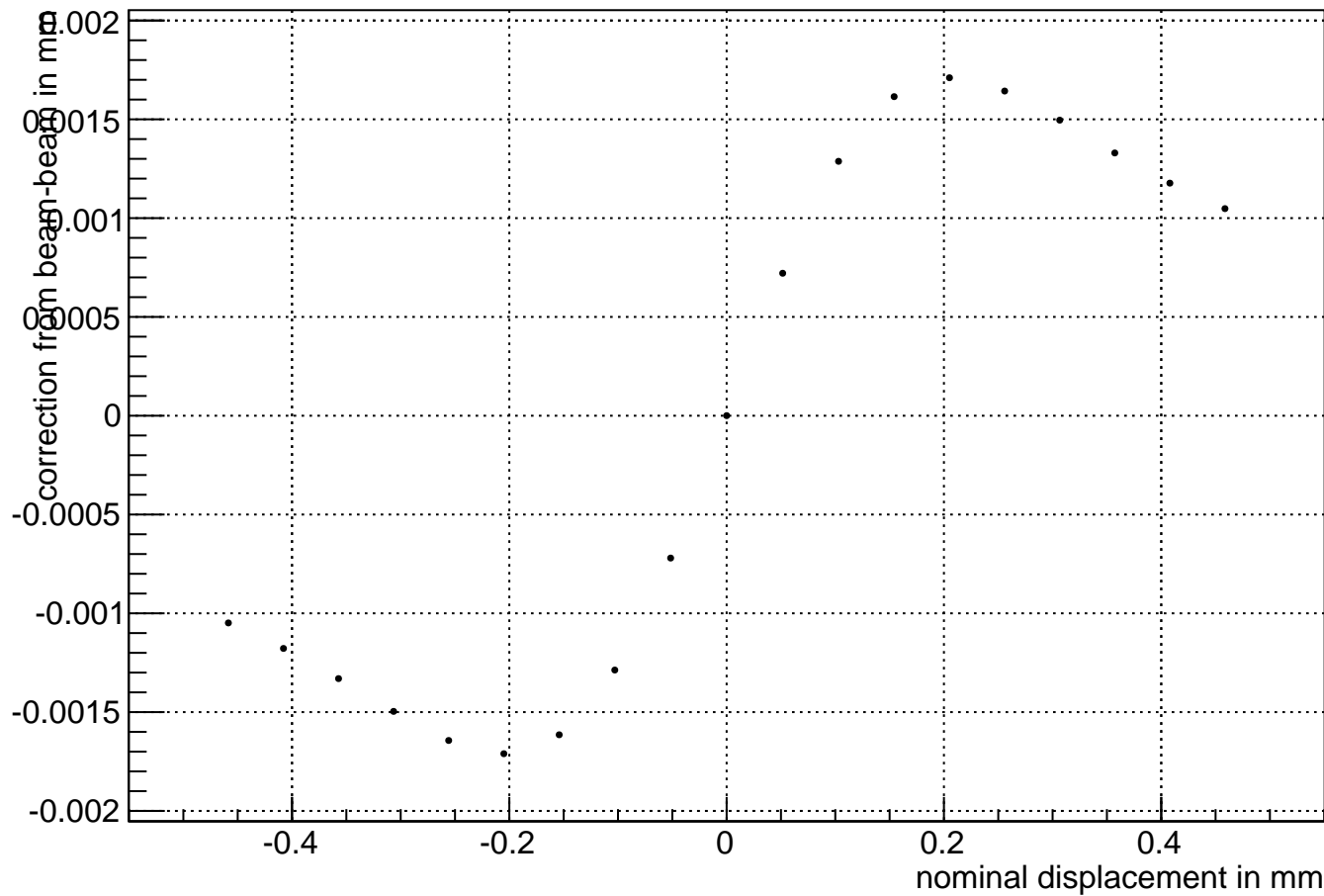


# BeamBeam correction for X4\_131

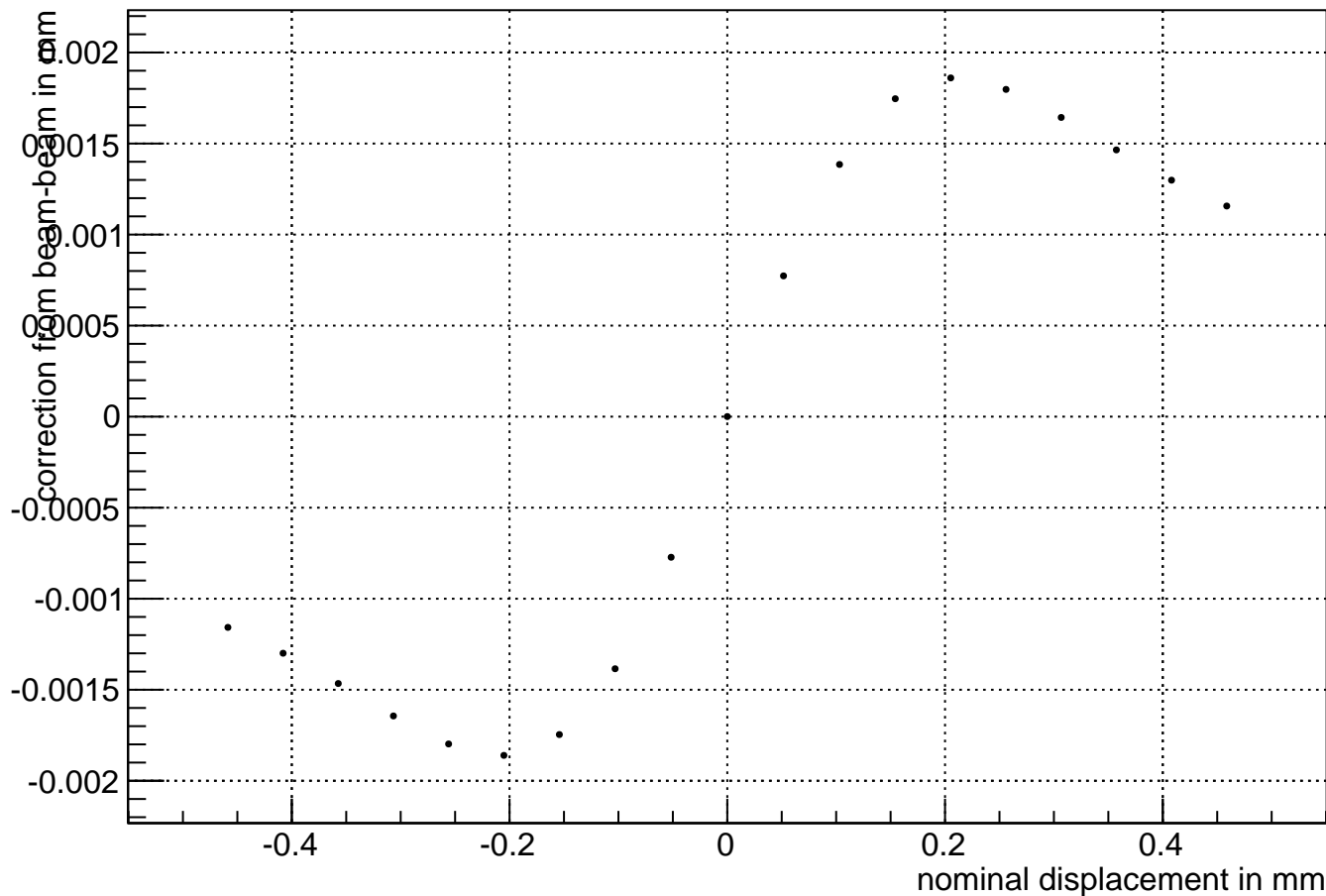




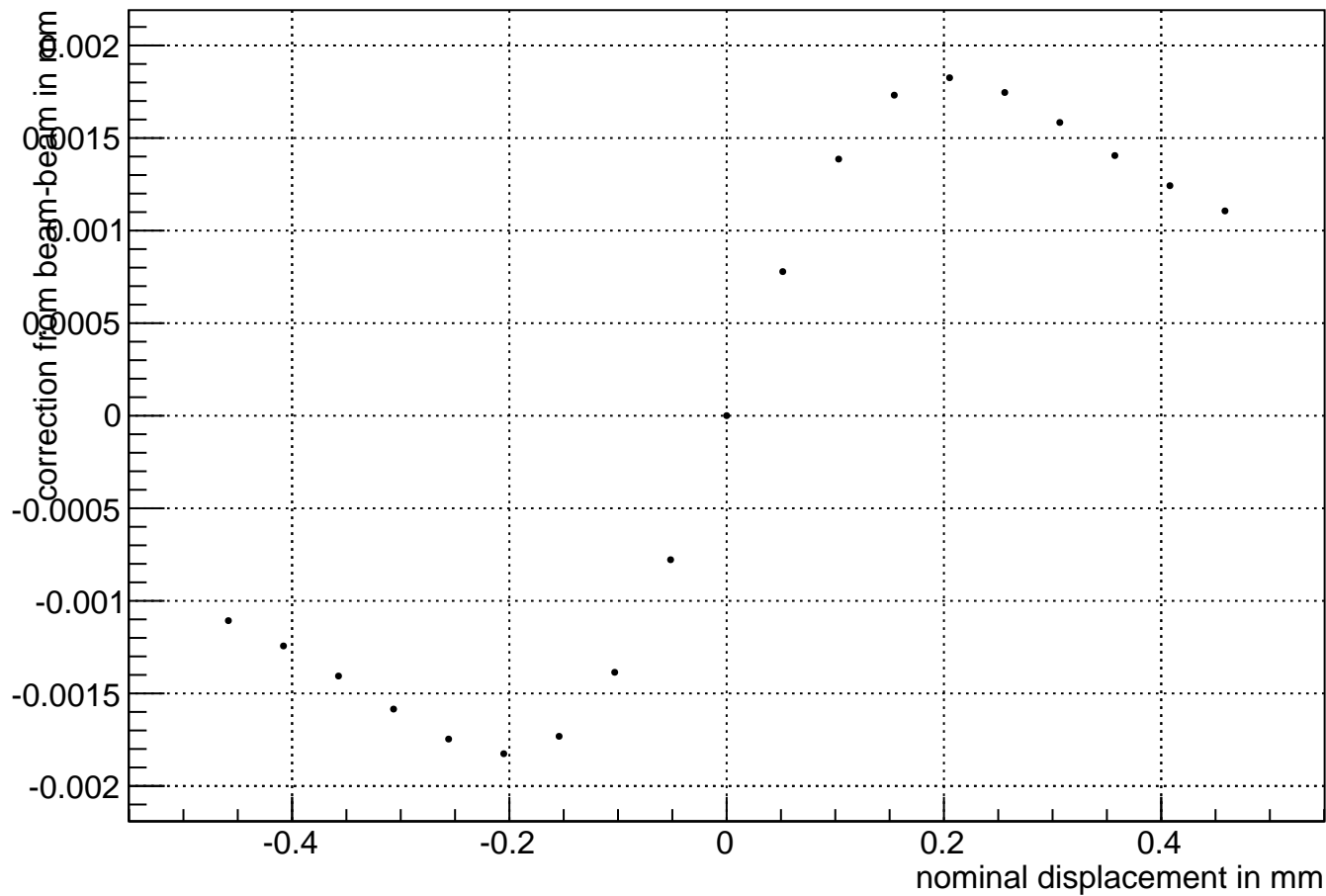
# BeamBeam correction for X4\_171



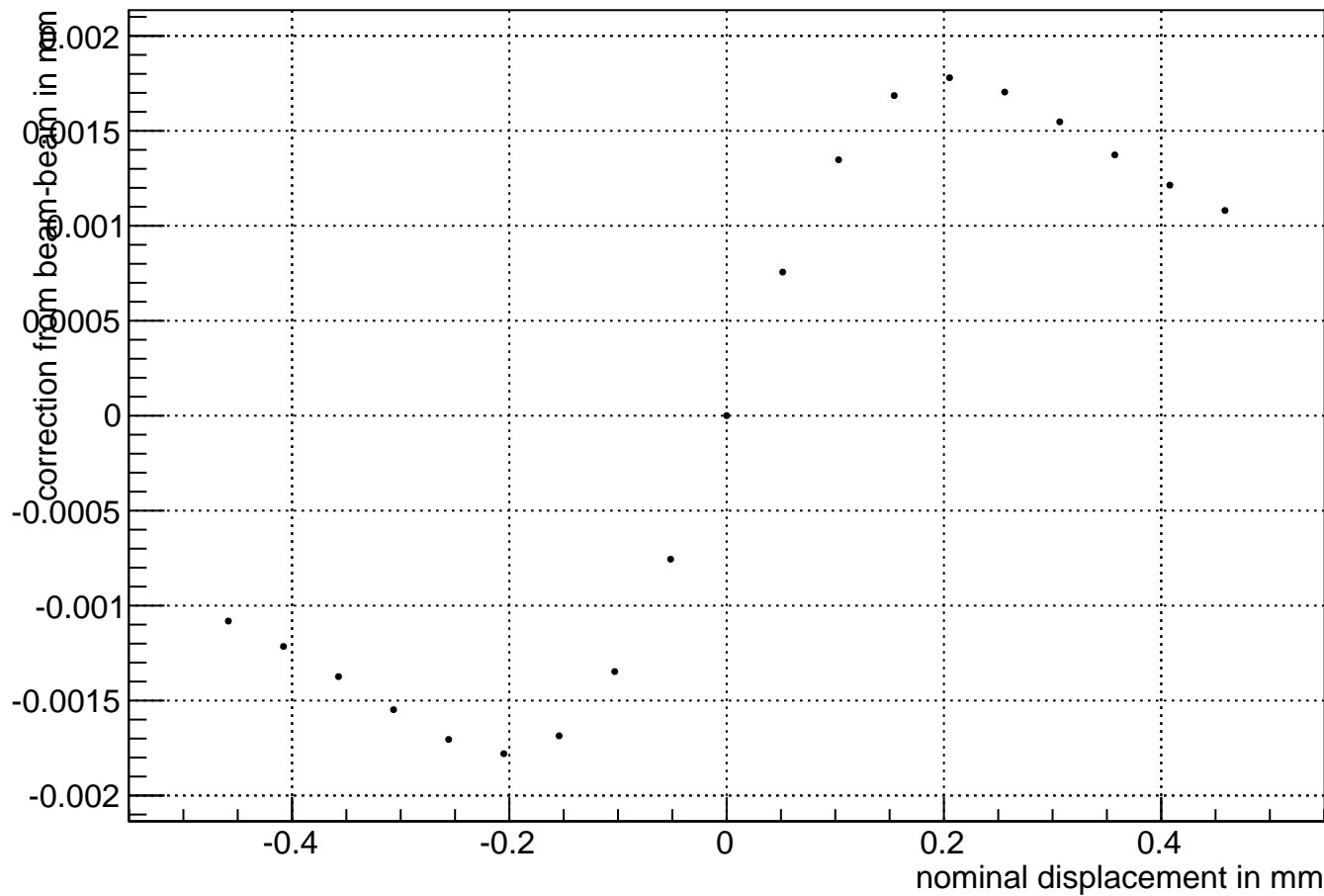
# BeamBeam correction for X4\_211



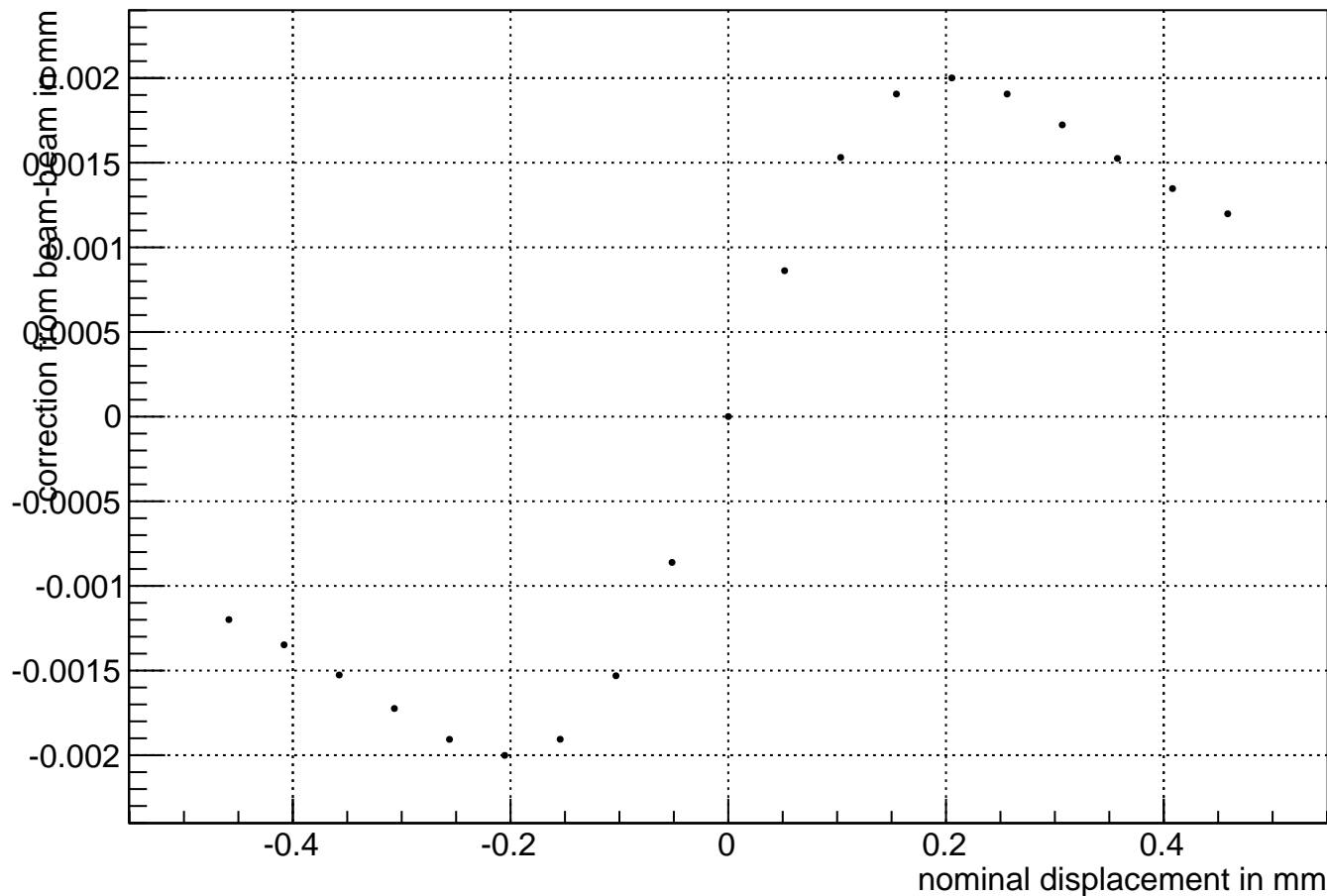
# BeamBeam correction for X4\_251



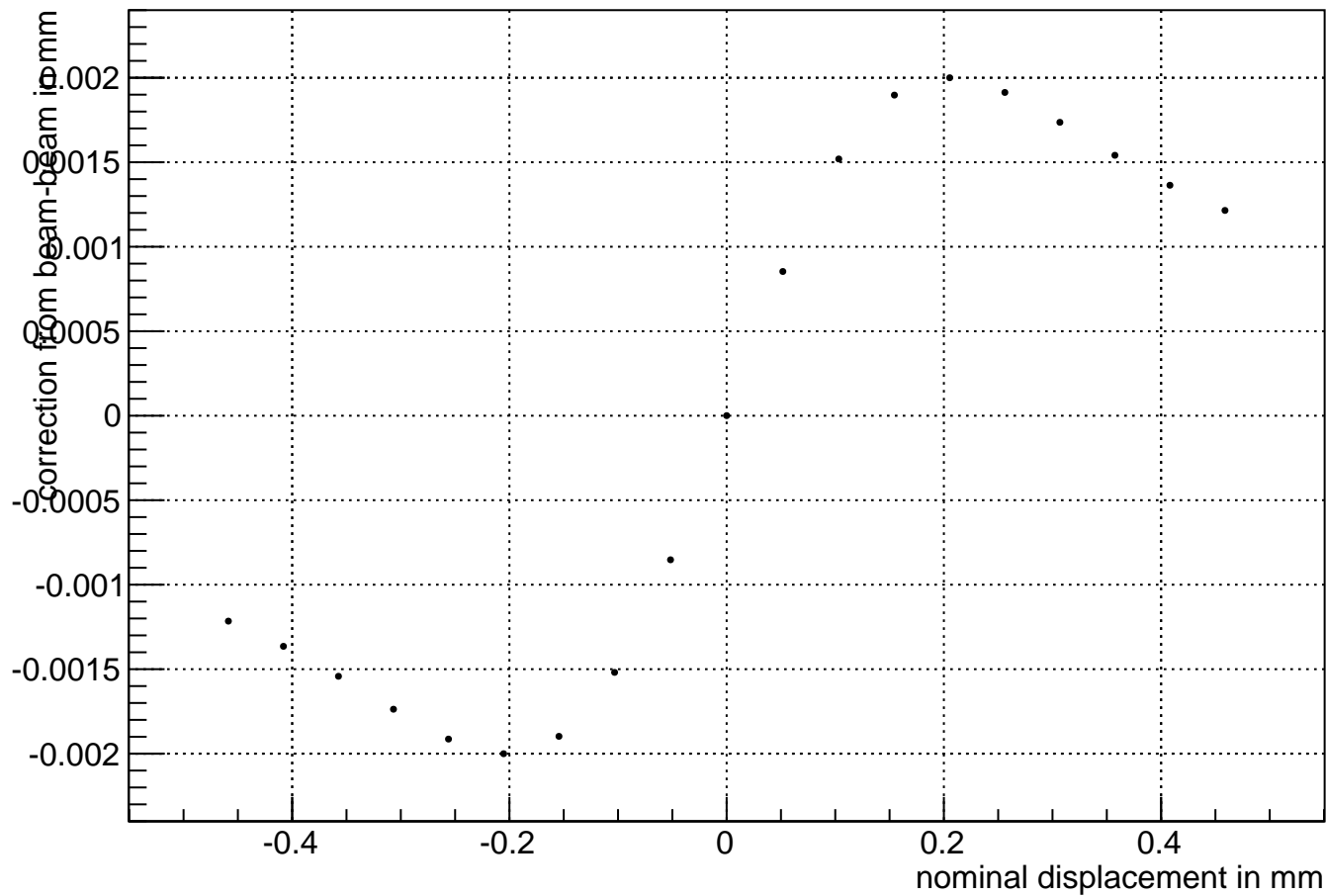
# BeamBeam correction for X4\_291



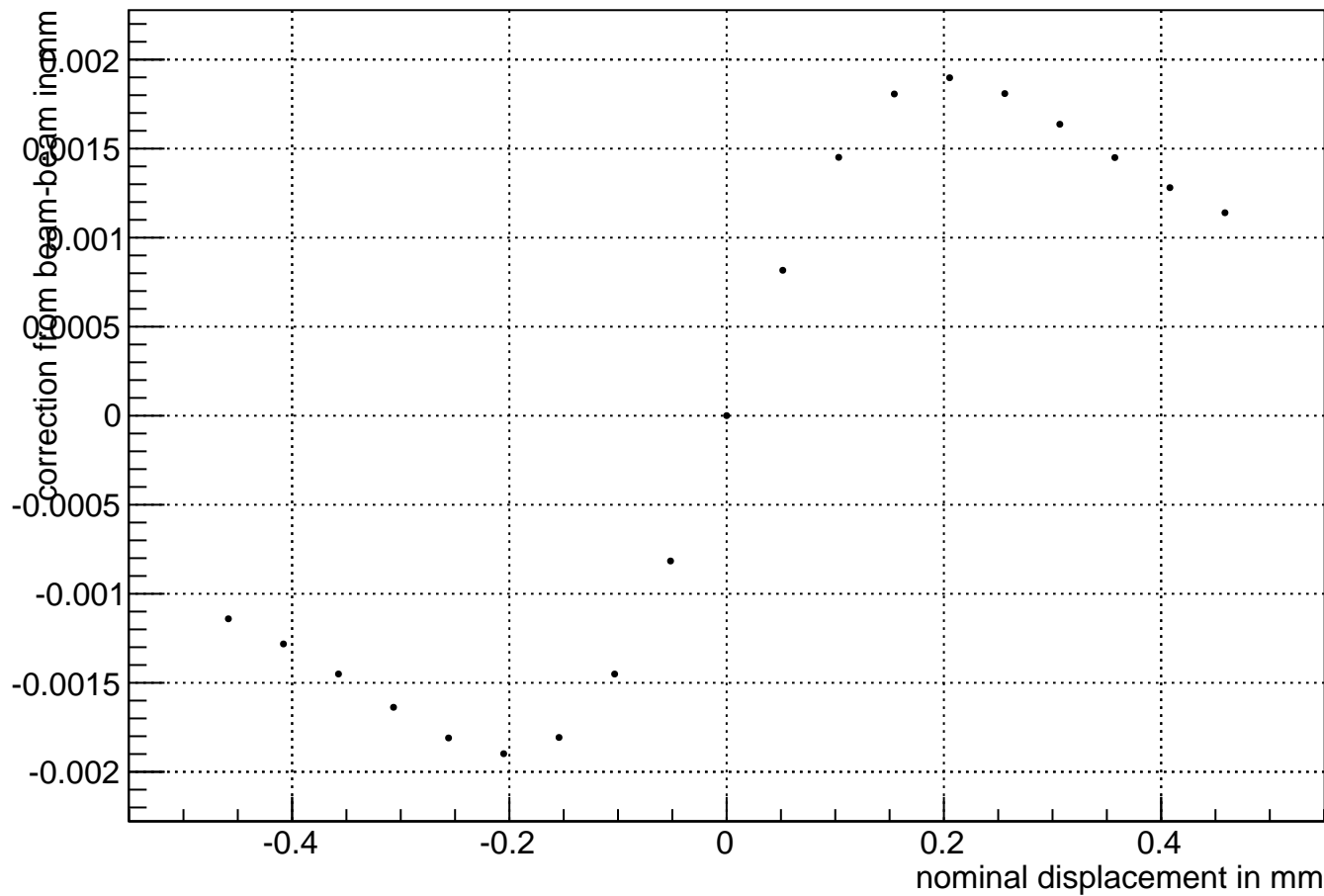
# BeamBeam correction for X4\_771



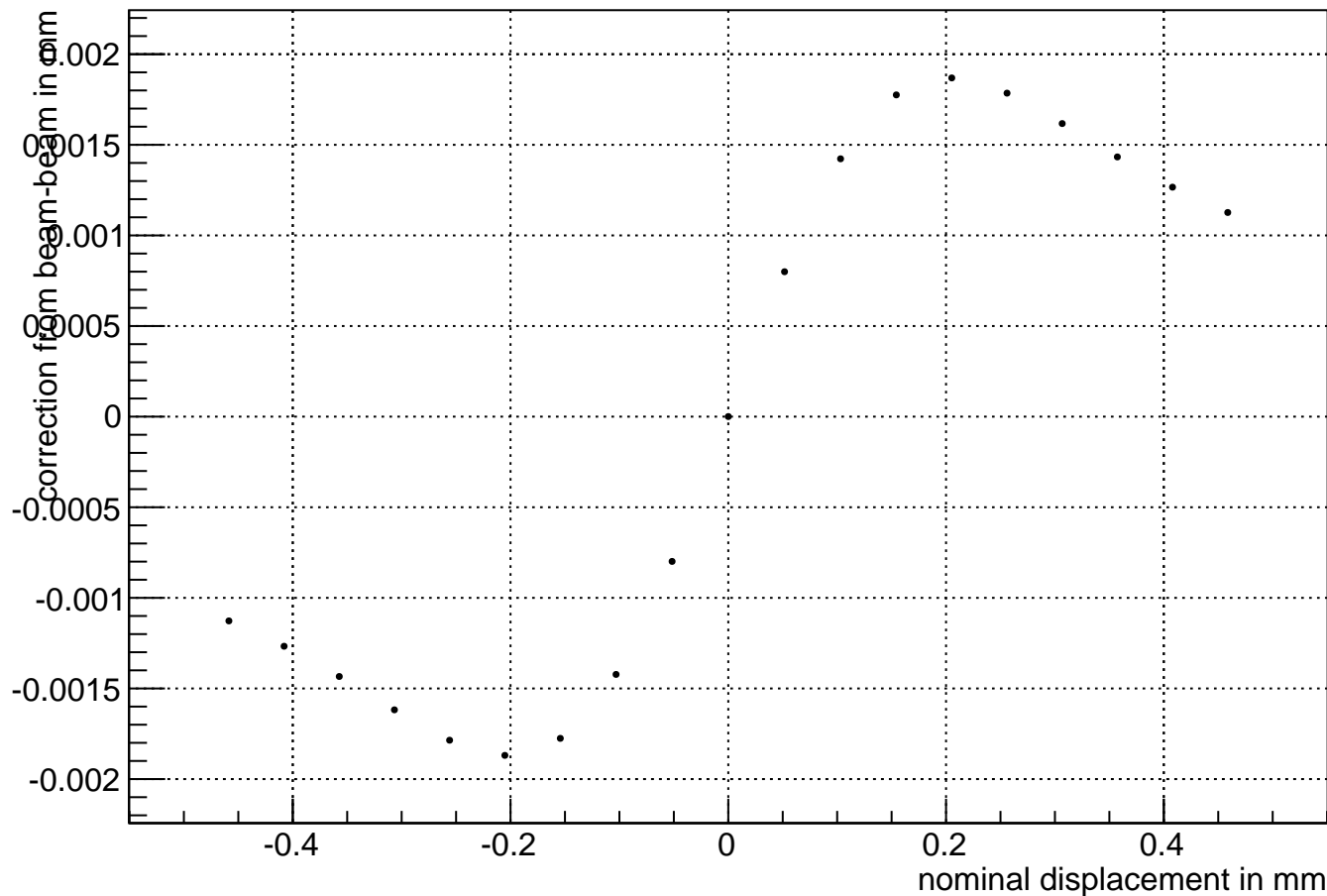
# BeamBeam correction for X4\_811



# BeamBeam correction for X4\_851

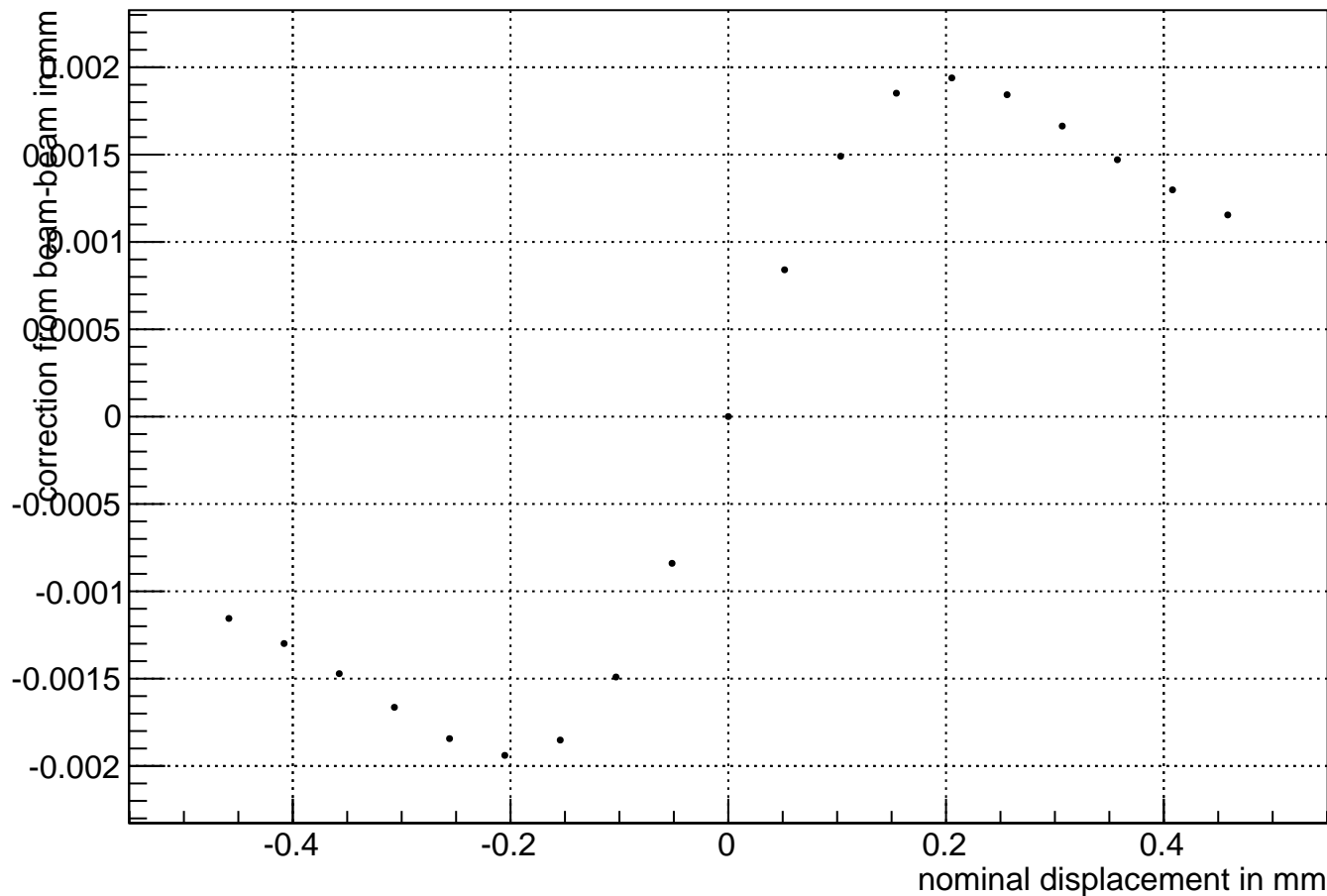


# BeamBeam correction for X4\_891

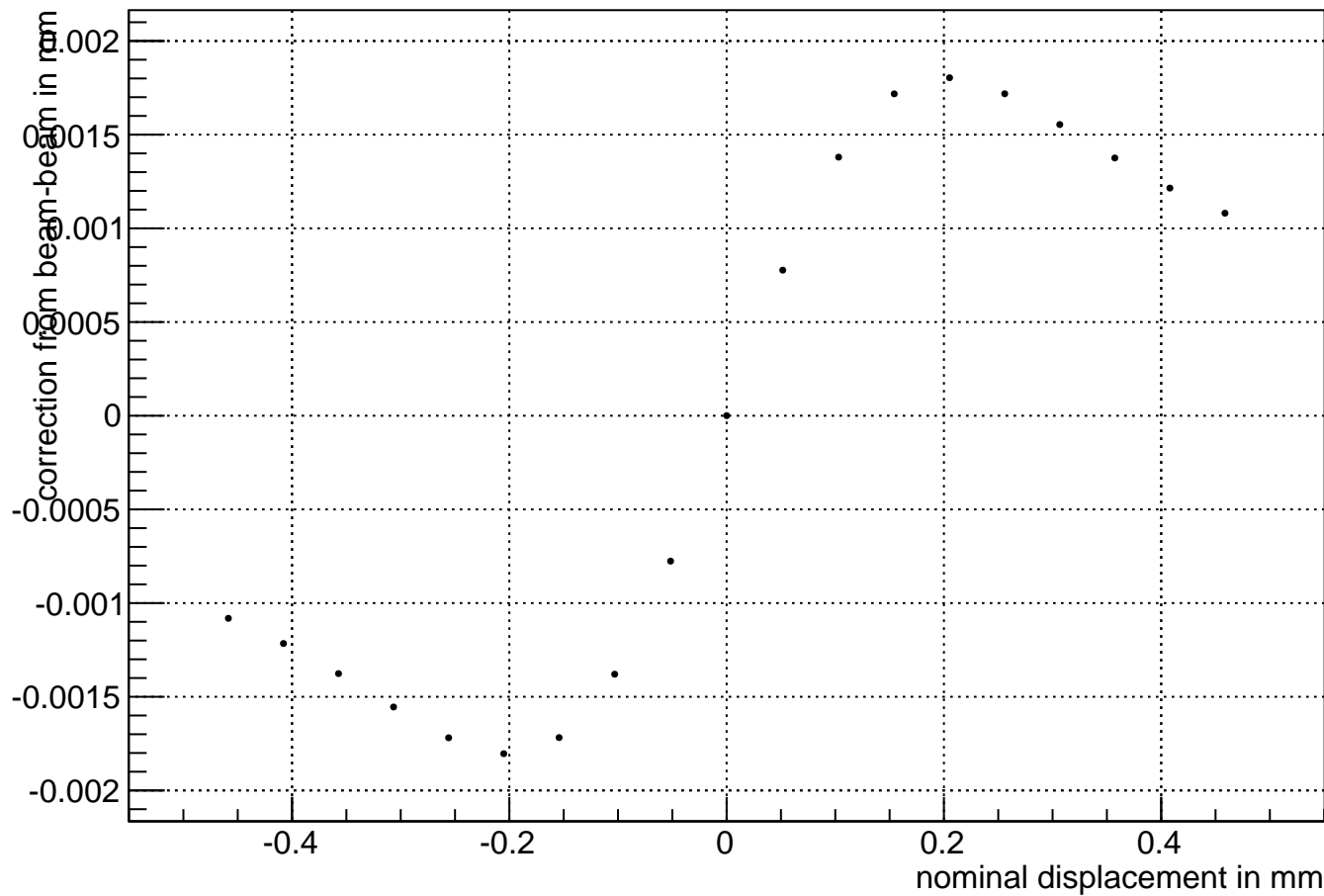




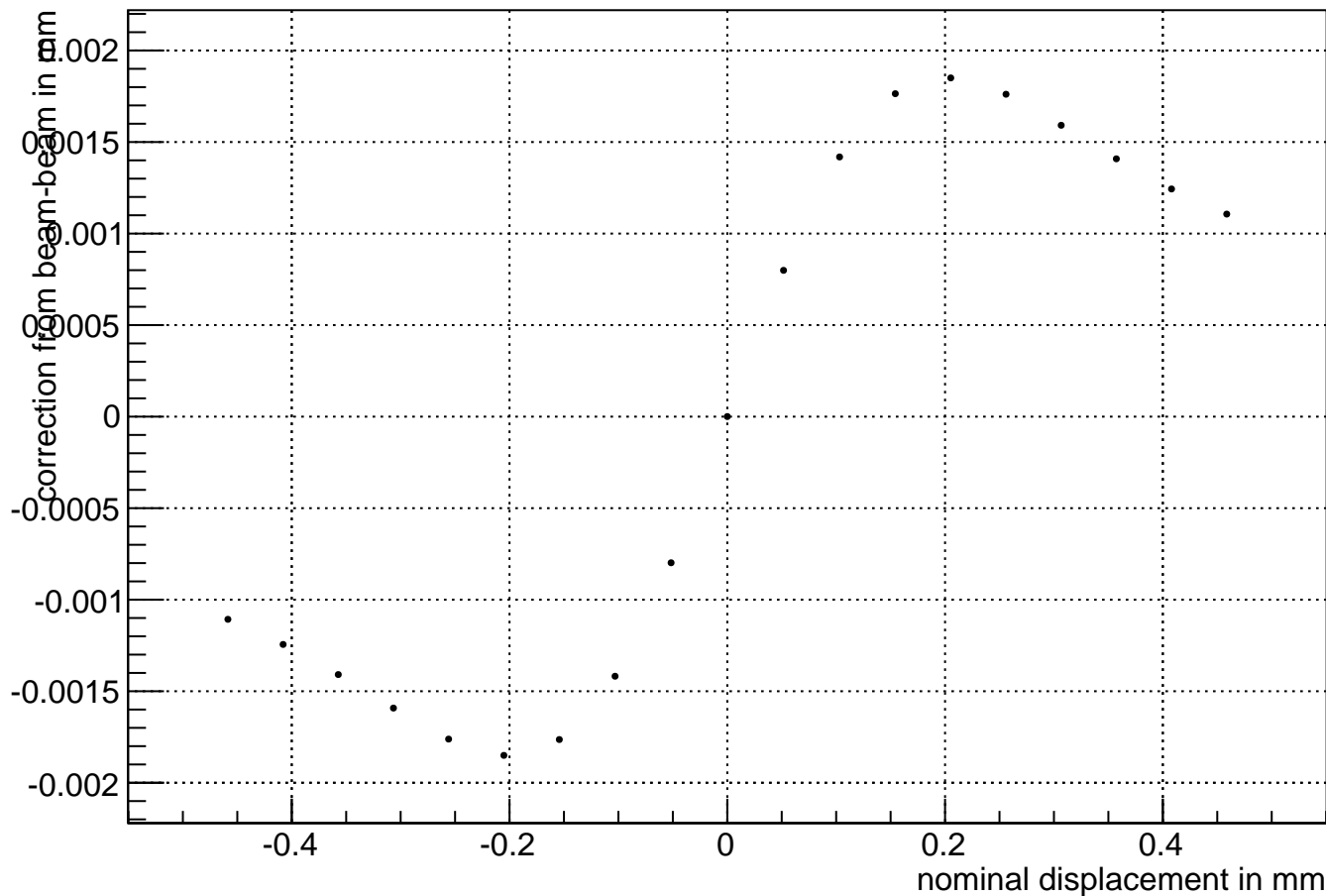
# BeamBeam correction for X4\_931



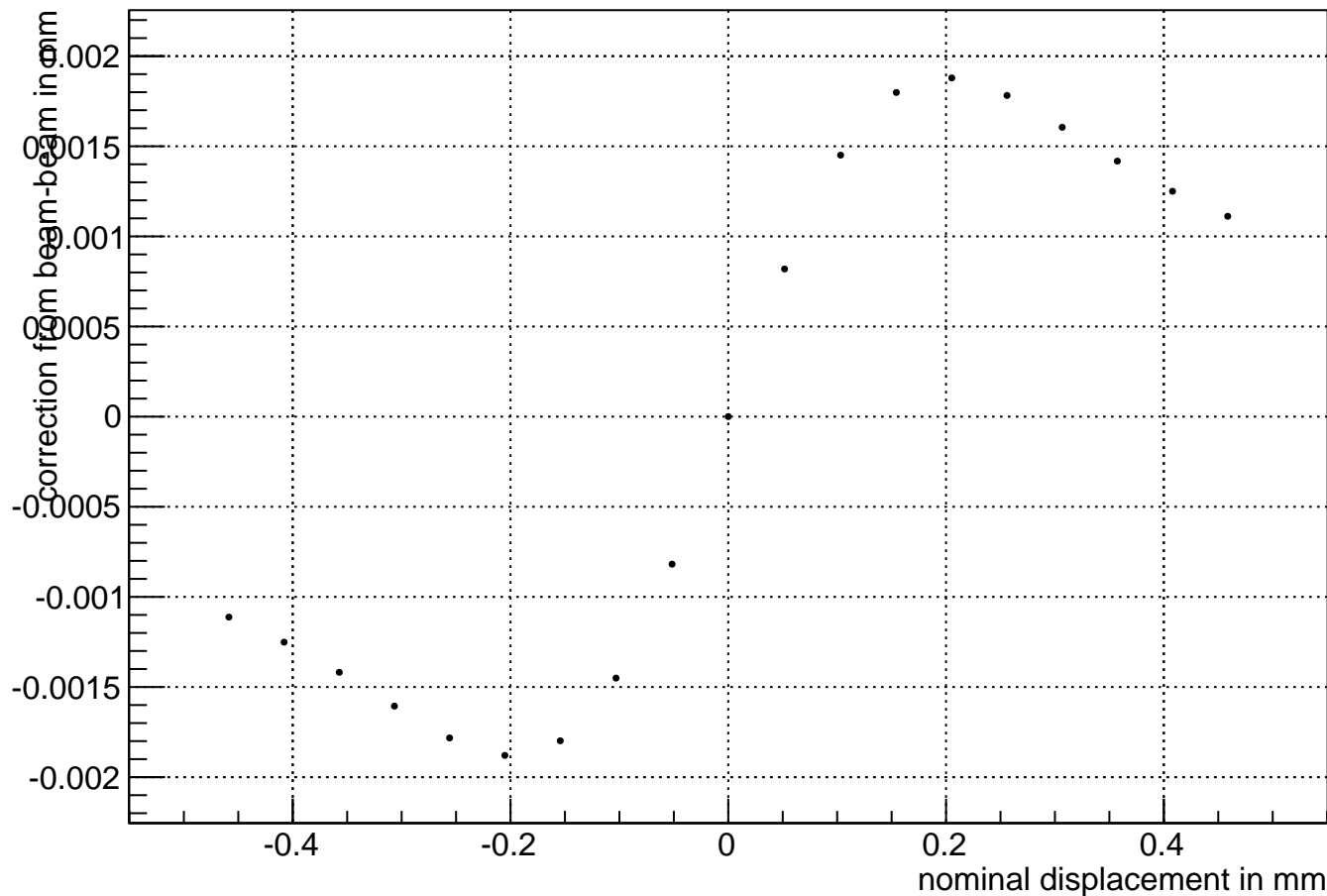
# BeamBeam correction for X4\_971



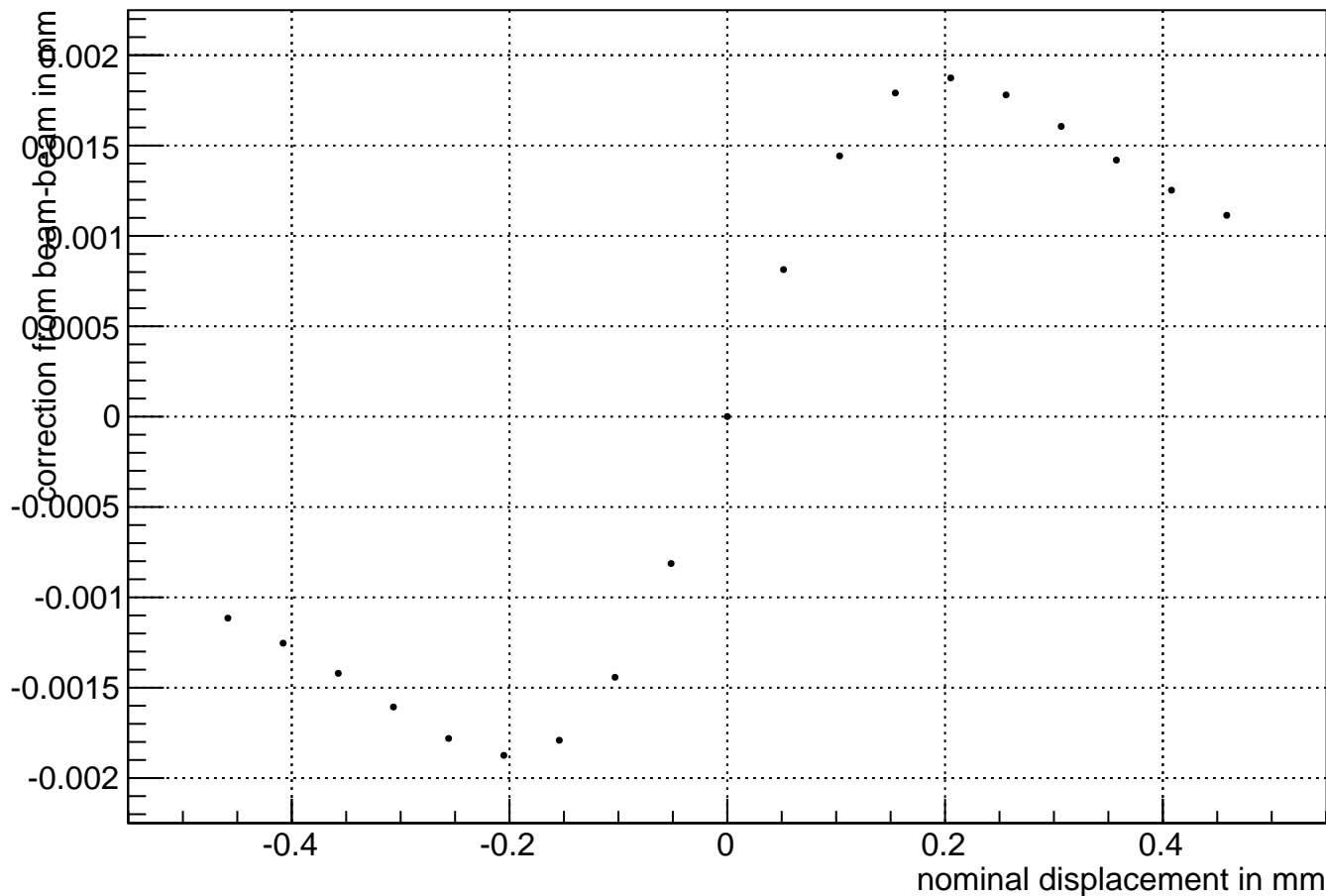
# BeamBeam correction for X4\_1011



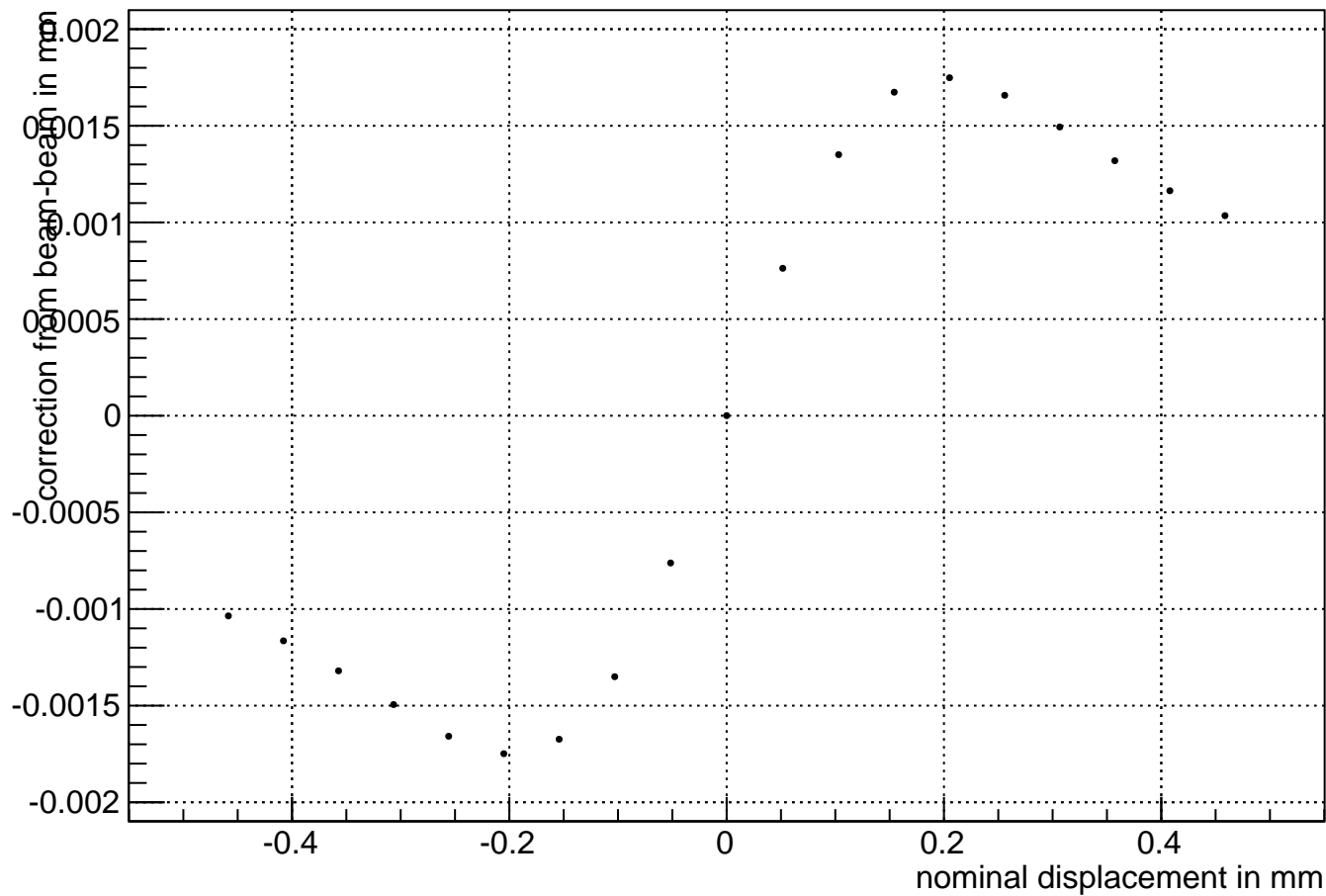
# BeamBeam correction for X4\_1631



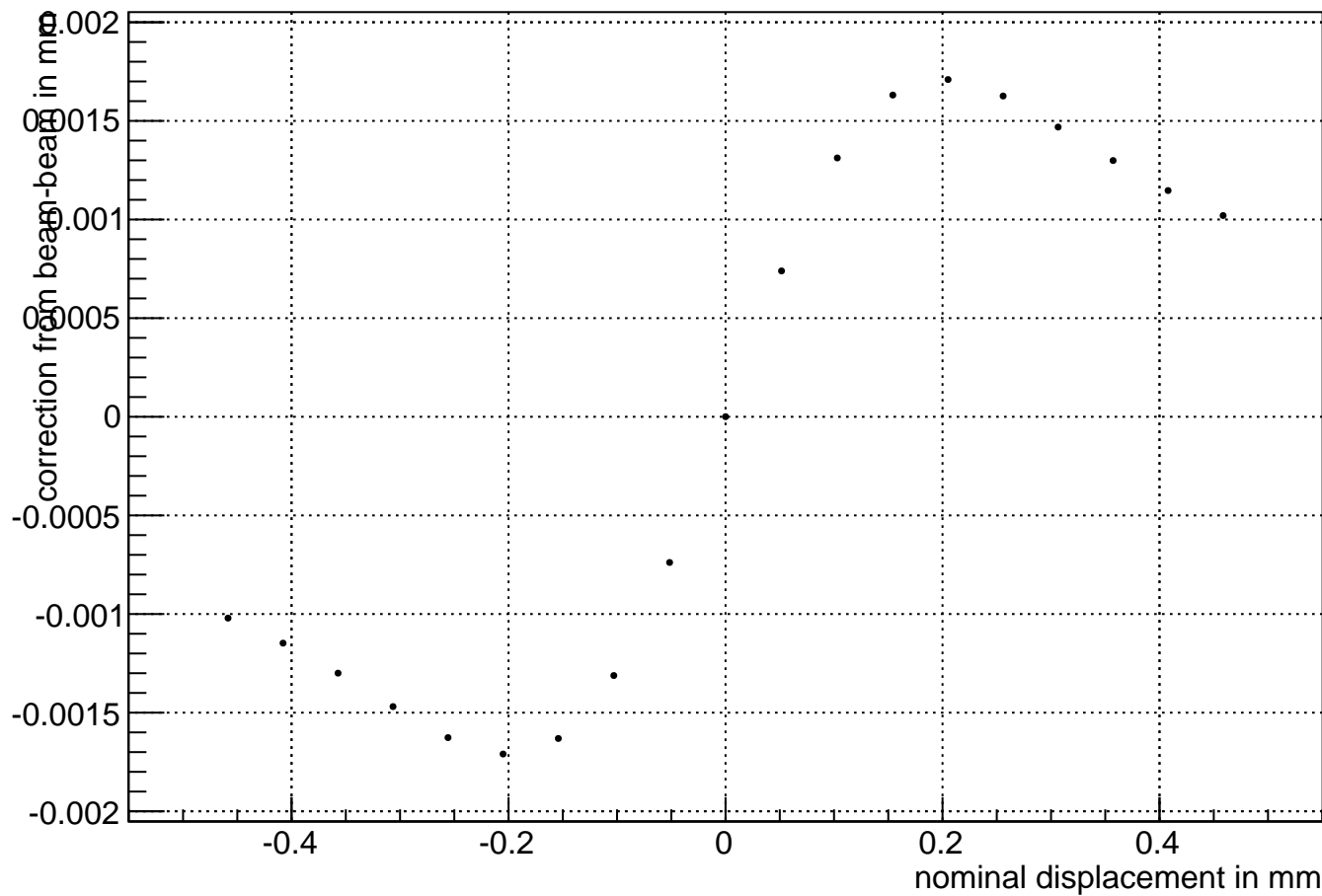
# BeamBeam correction for X4\_1671



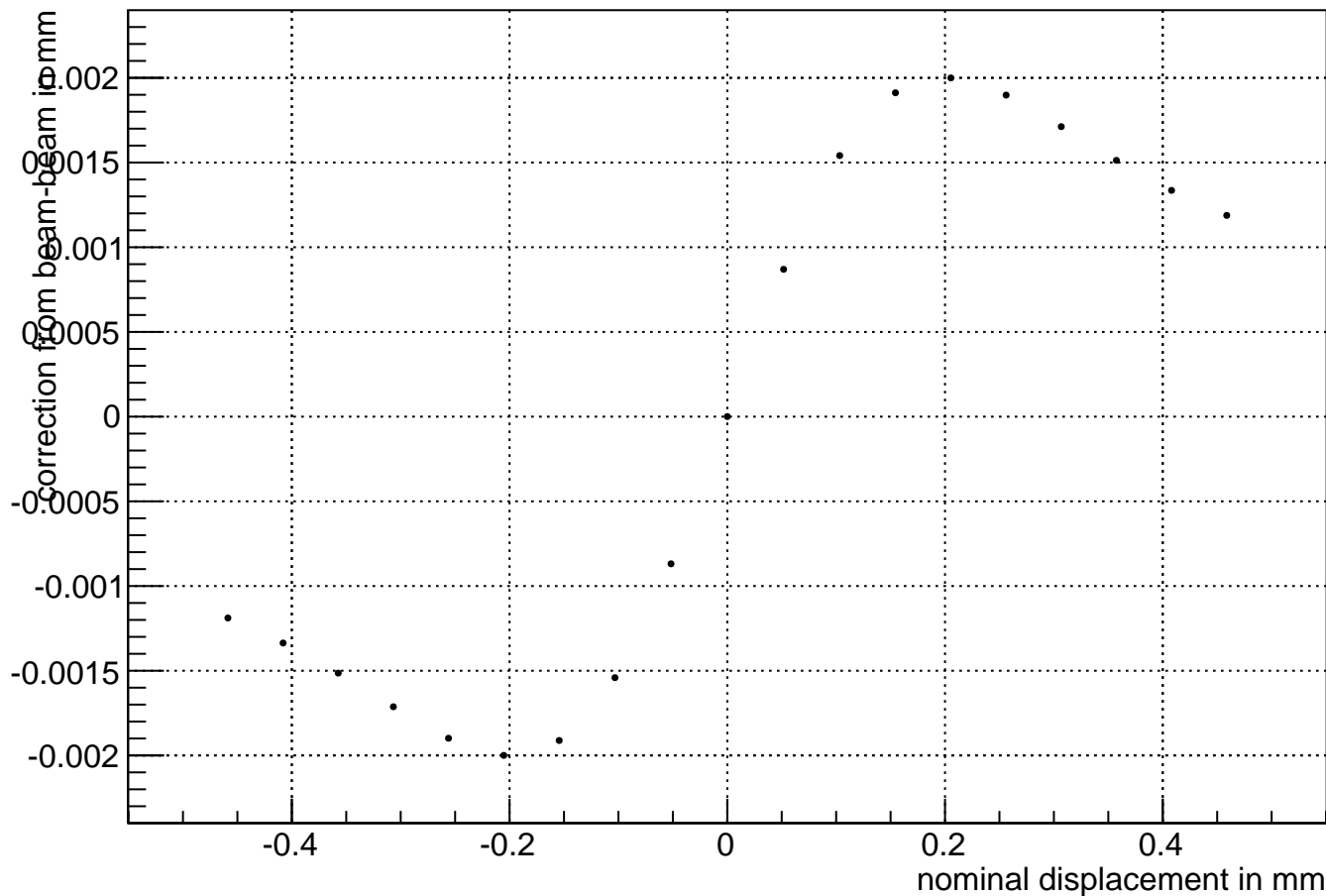
# BeamBeam correction for X4\_1711



# BeamBeam correction for X4\_1751

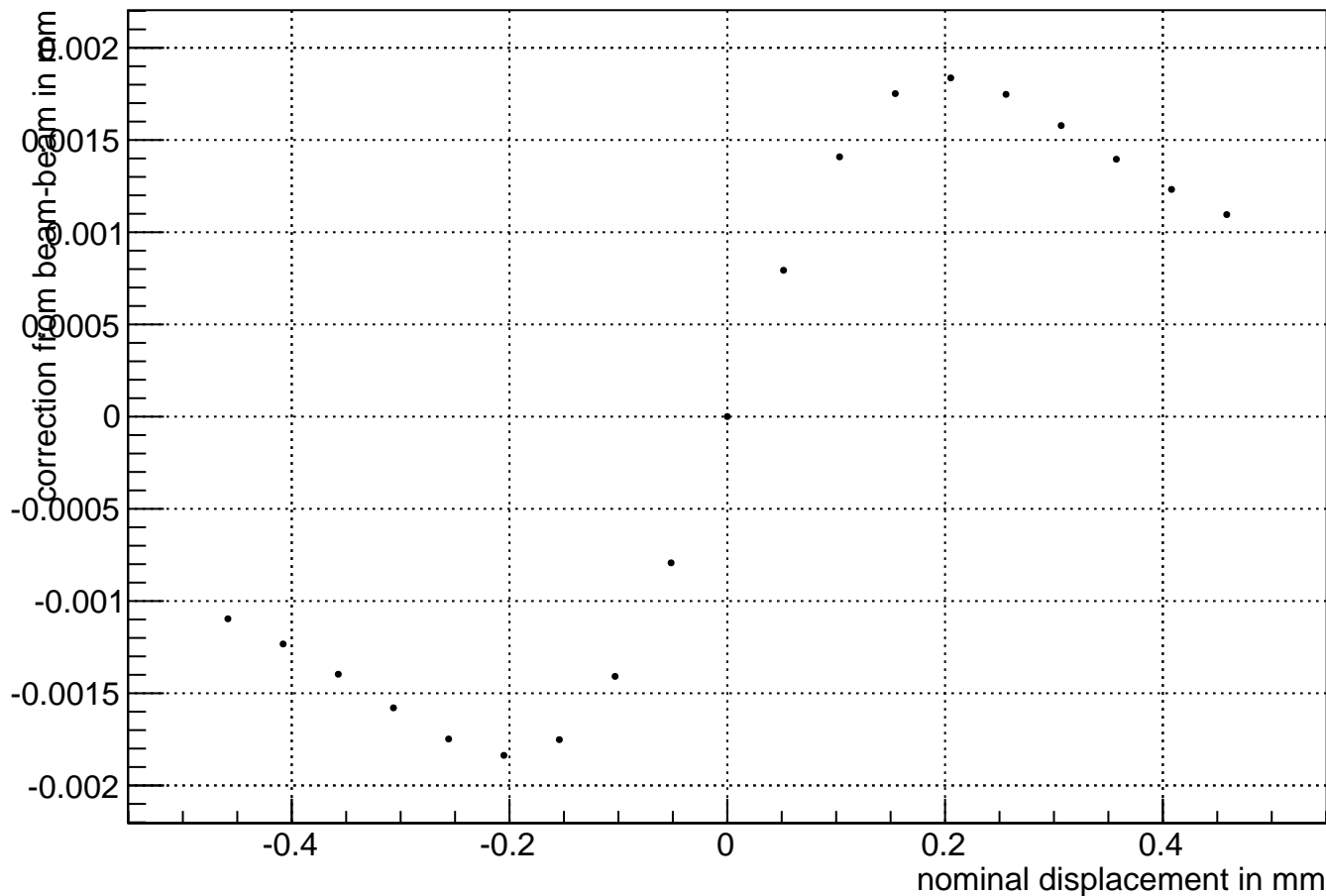


# BeamBeam correction for X4\_1791

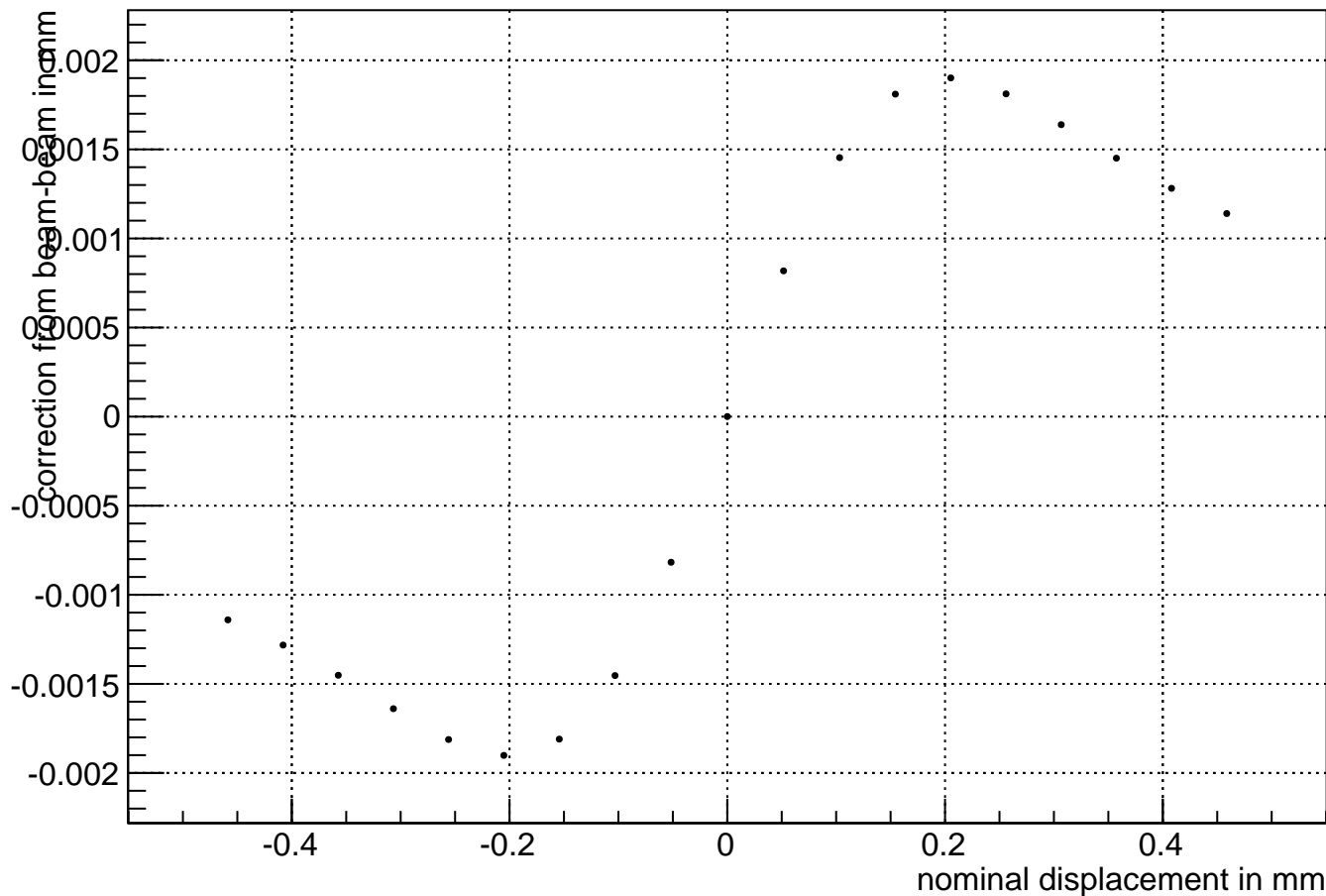




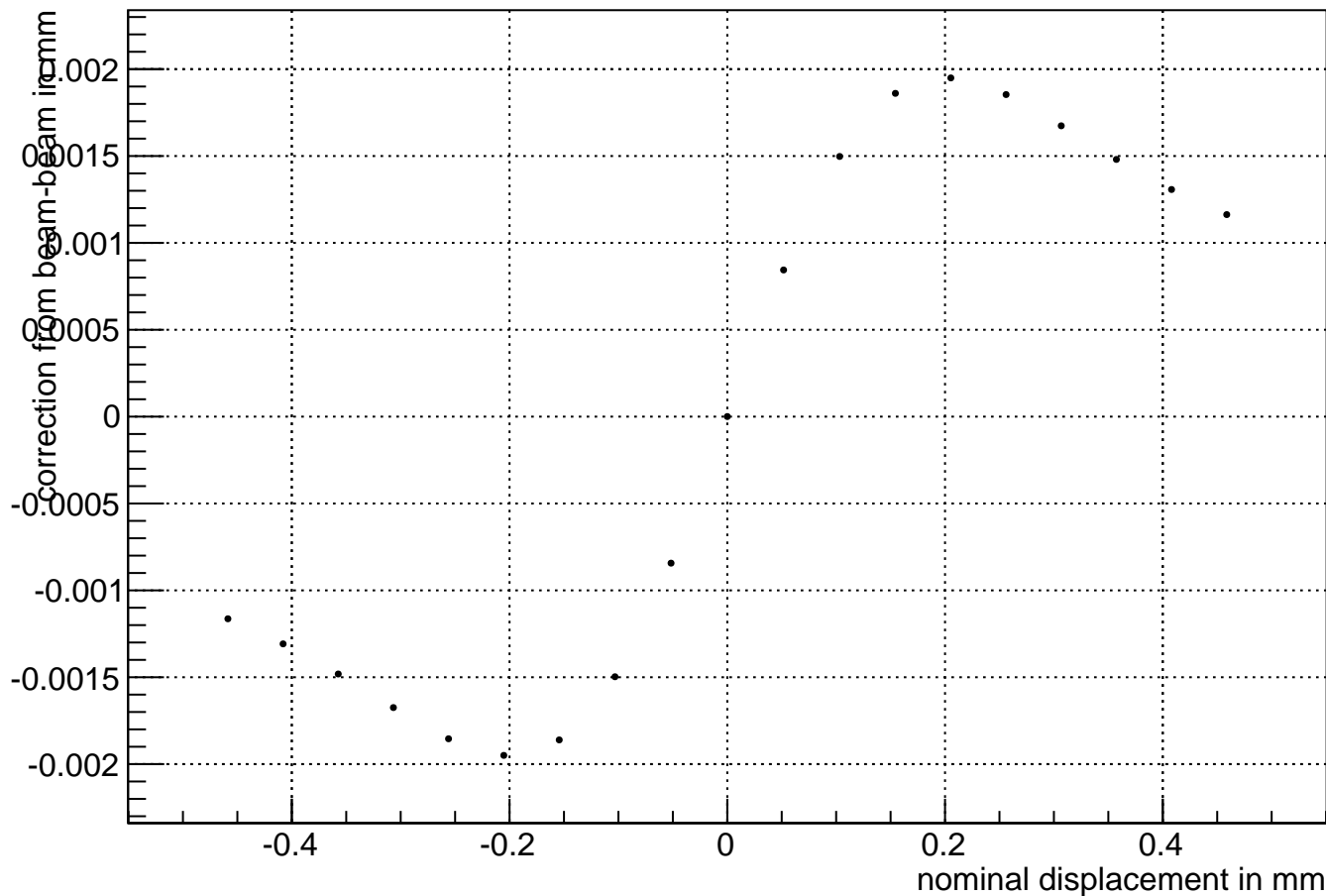
# BeamBeam correction for X4\_1831



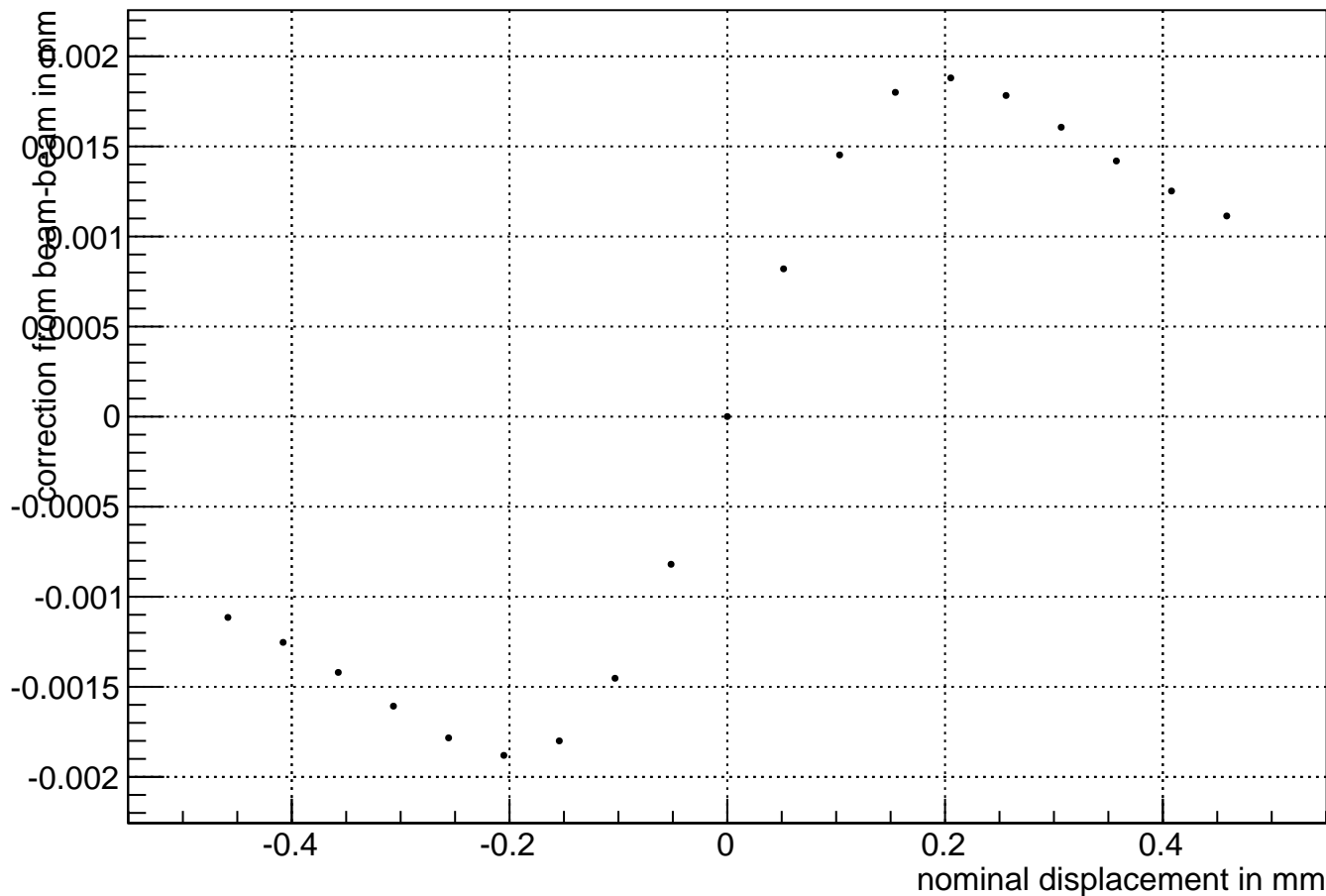
# BeamBeam correction for X4\_1871



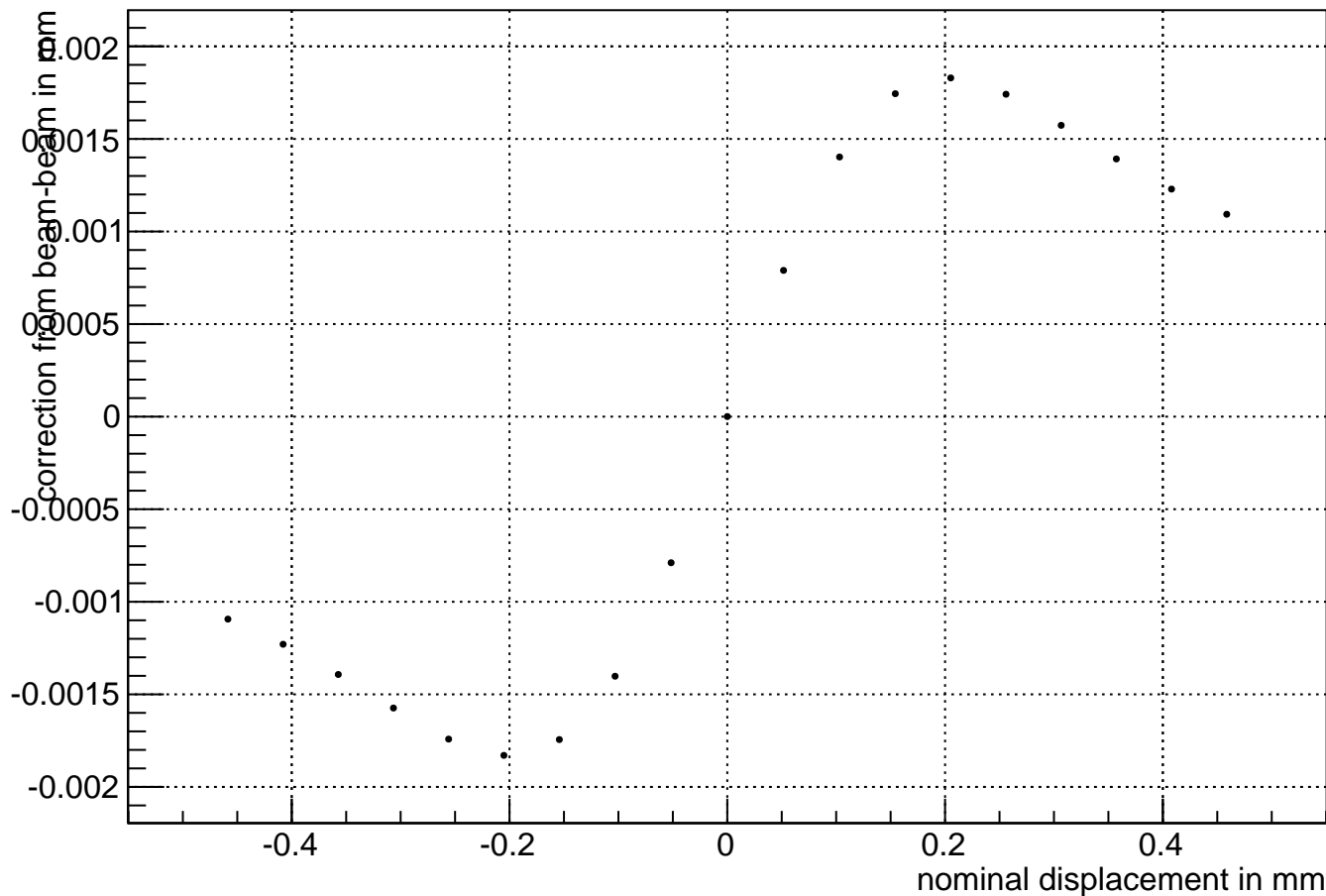
# BeamBeam correction for X4\_2211



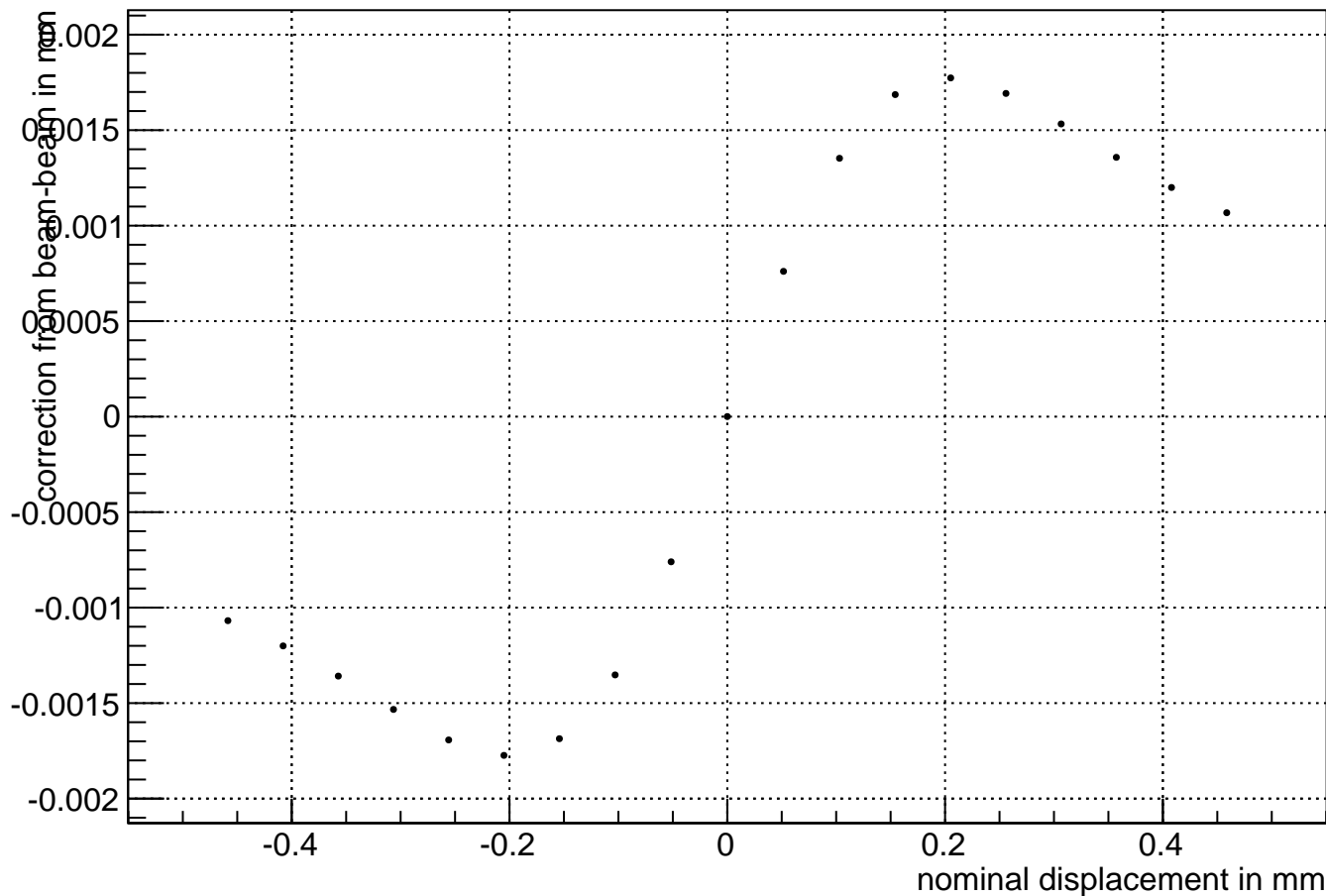
# BeamBeam correction for X4\_2251



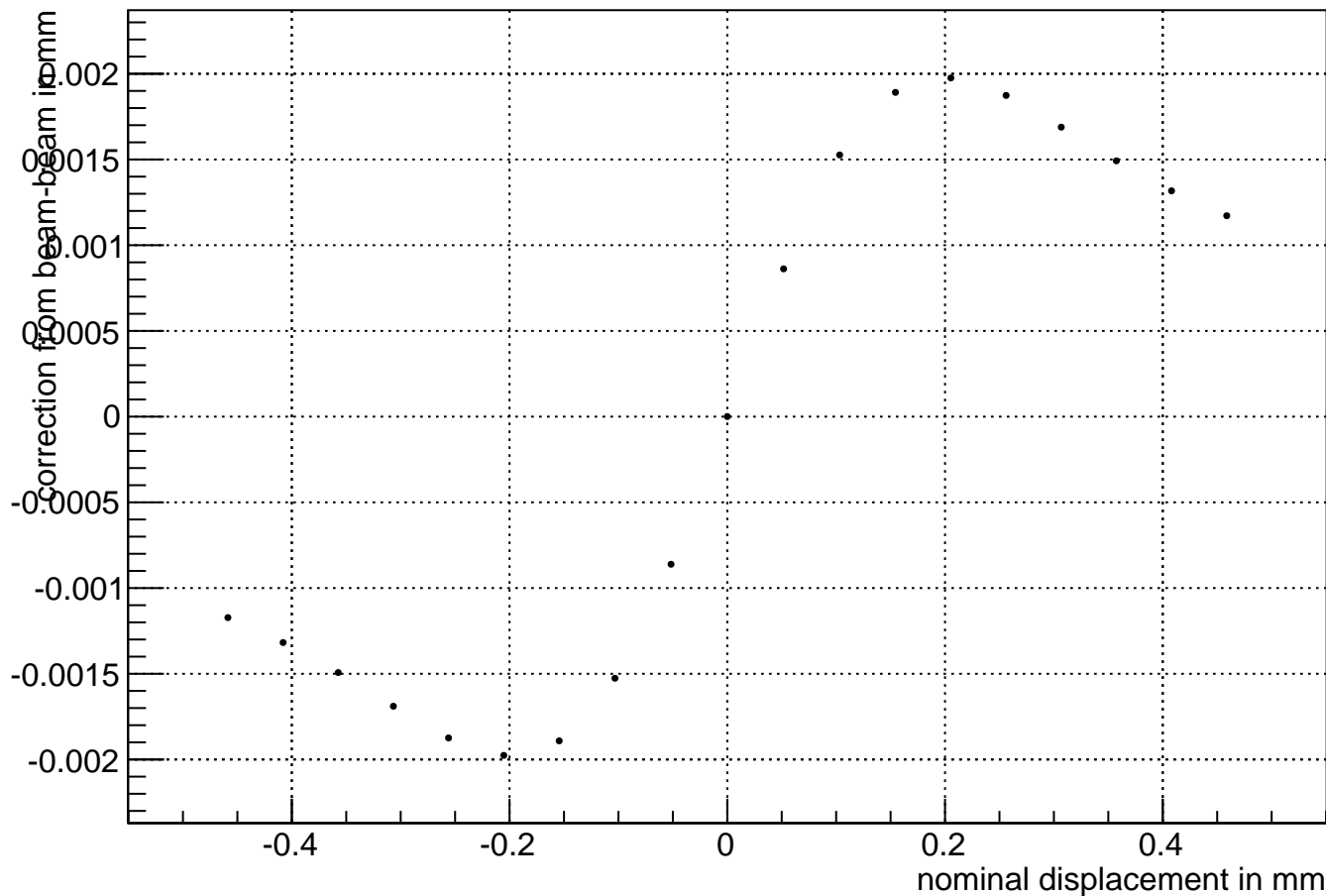
# BeamBeam correction for X4\_2291



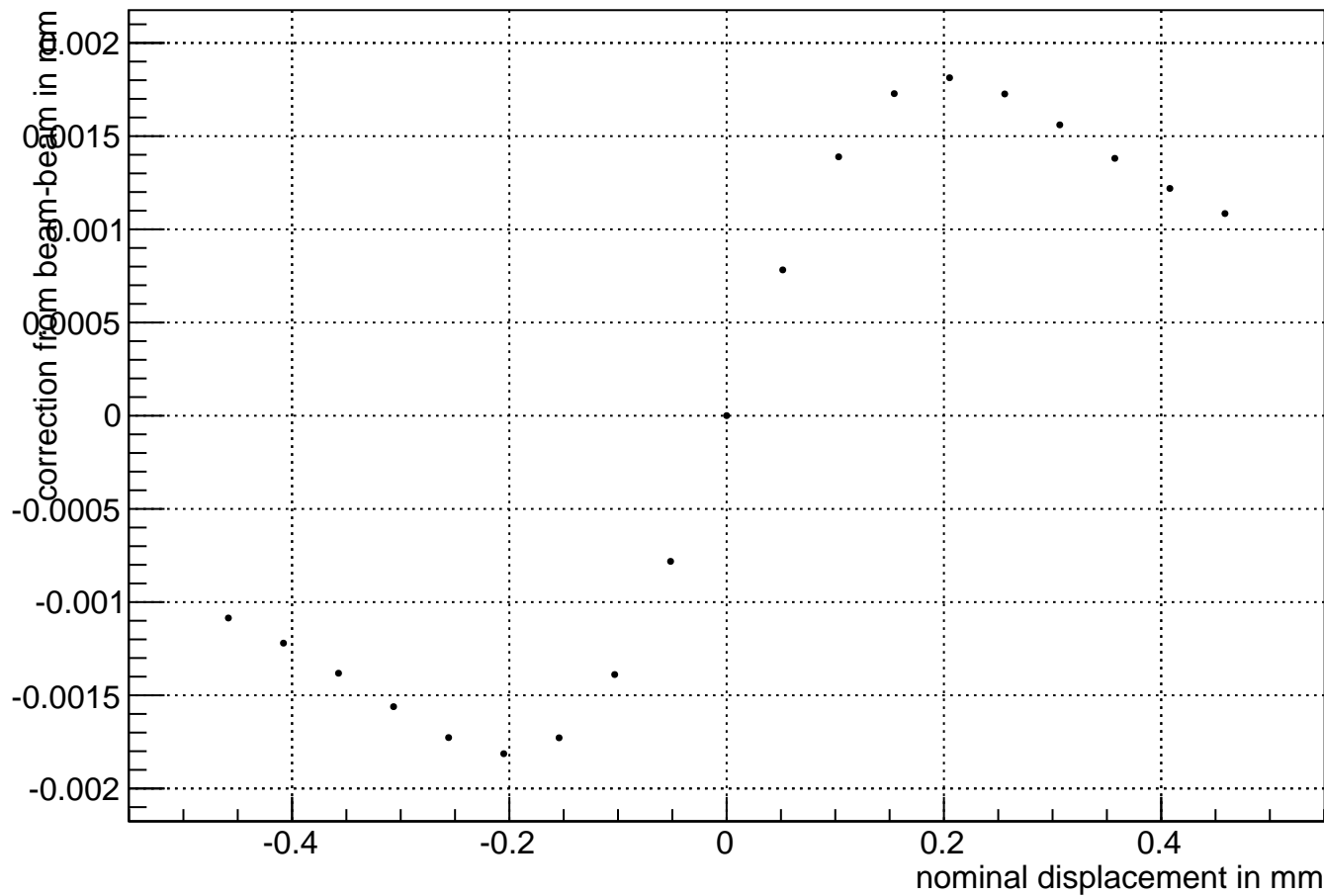
# BeamBeam correction for X4\_2331



# BeamBeam correction for X4\_2371

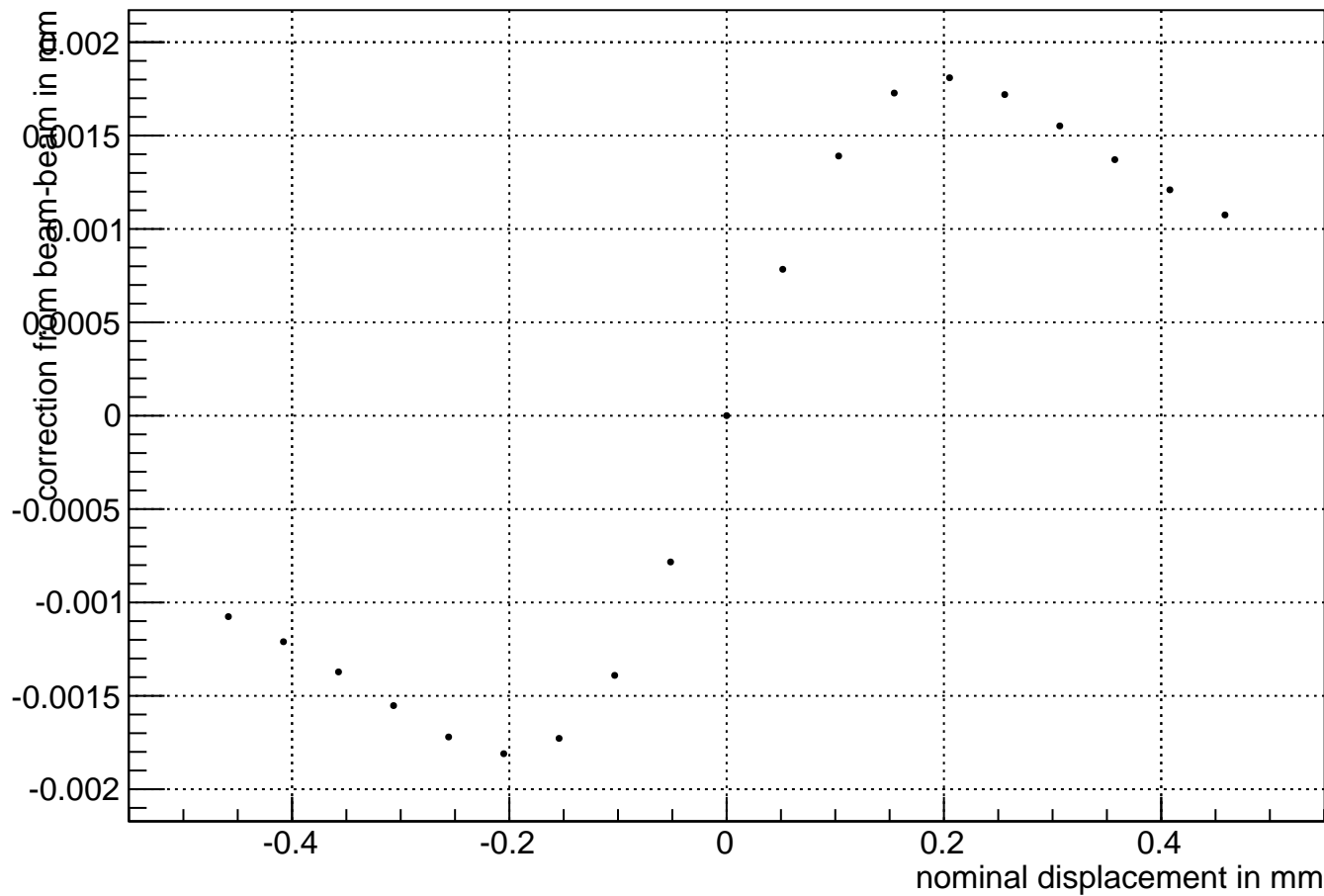


# BeamBeam correction for X4\_2411

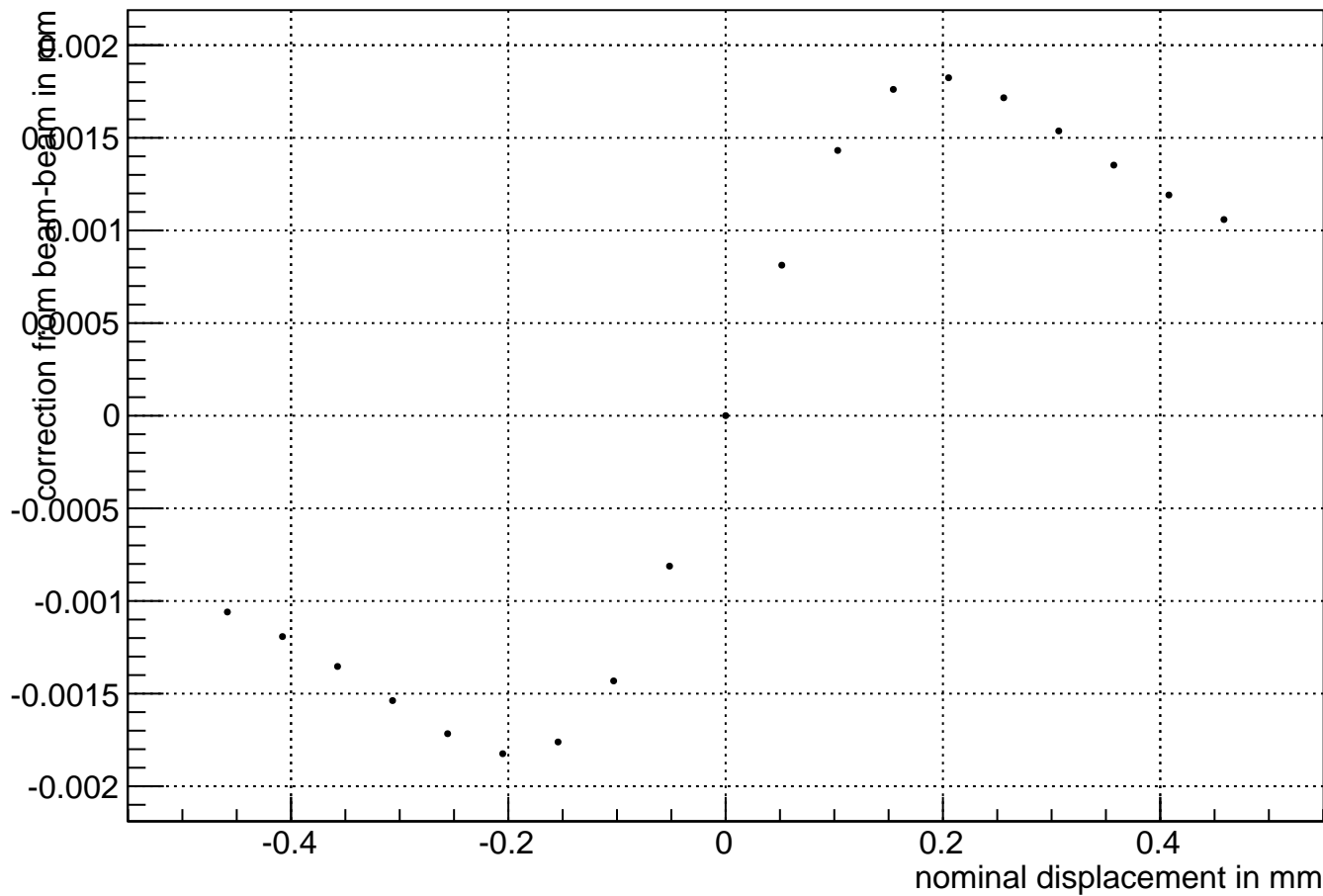




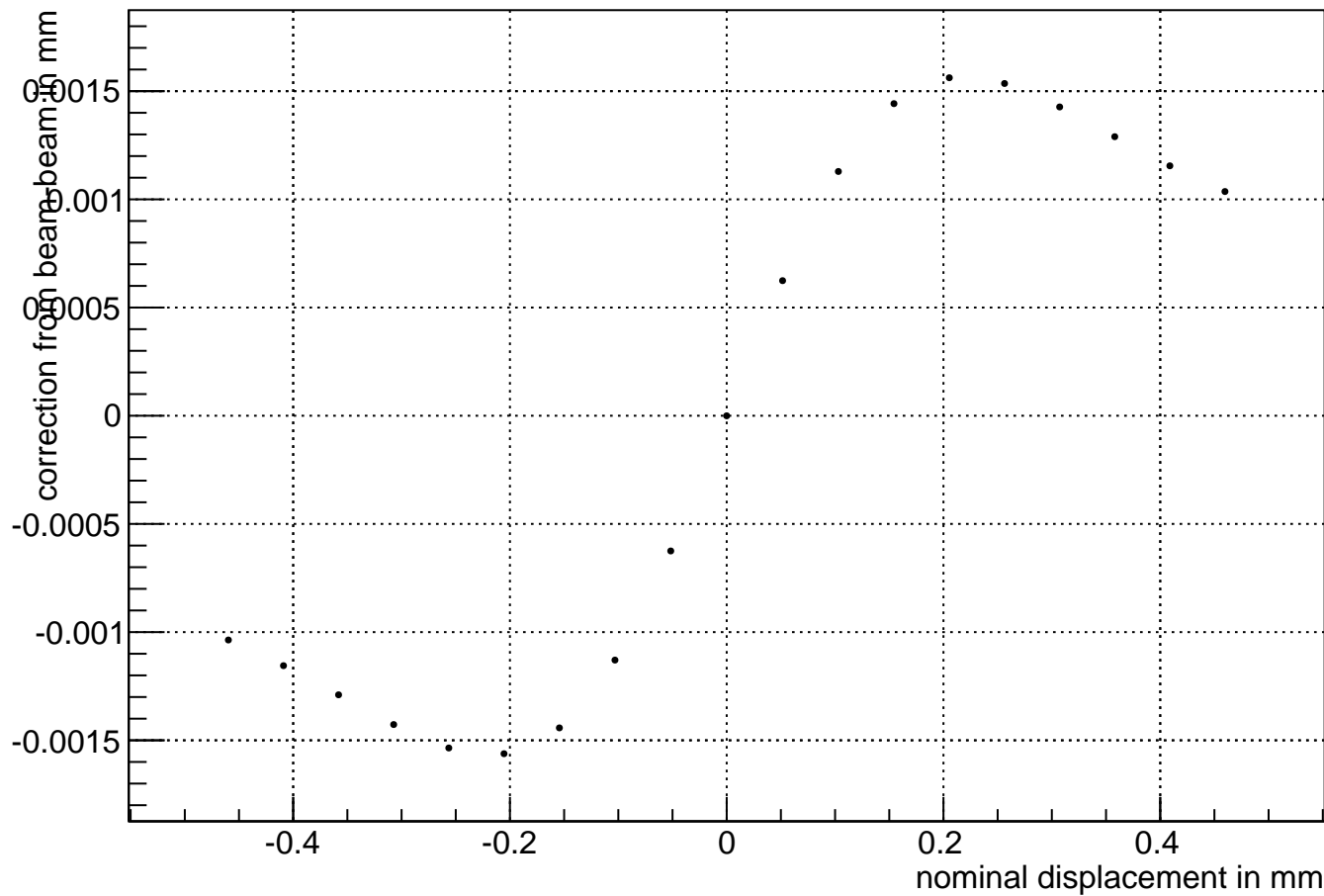
# BeamBeam correction for X4\_2451



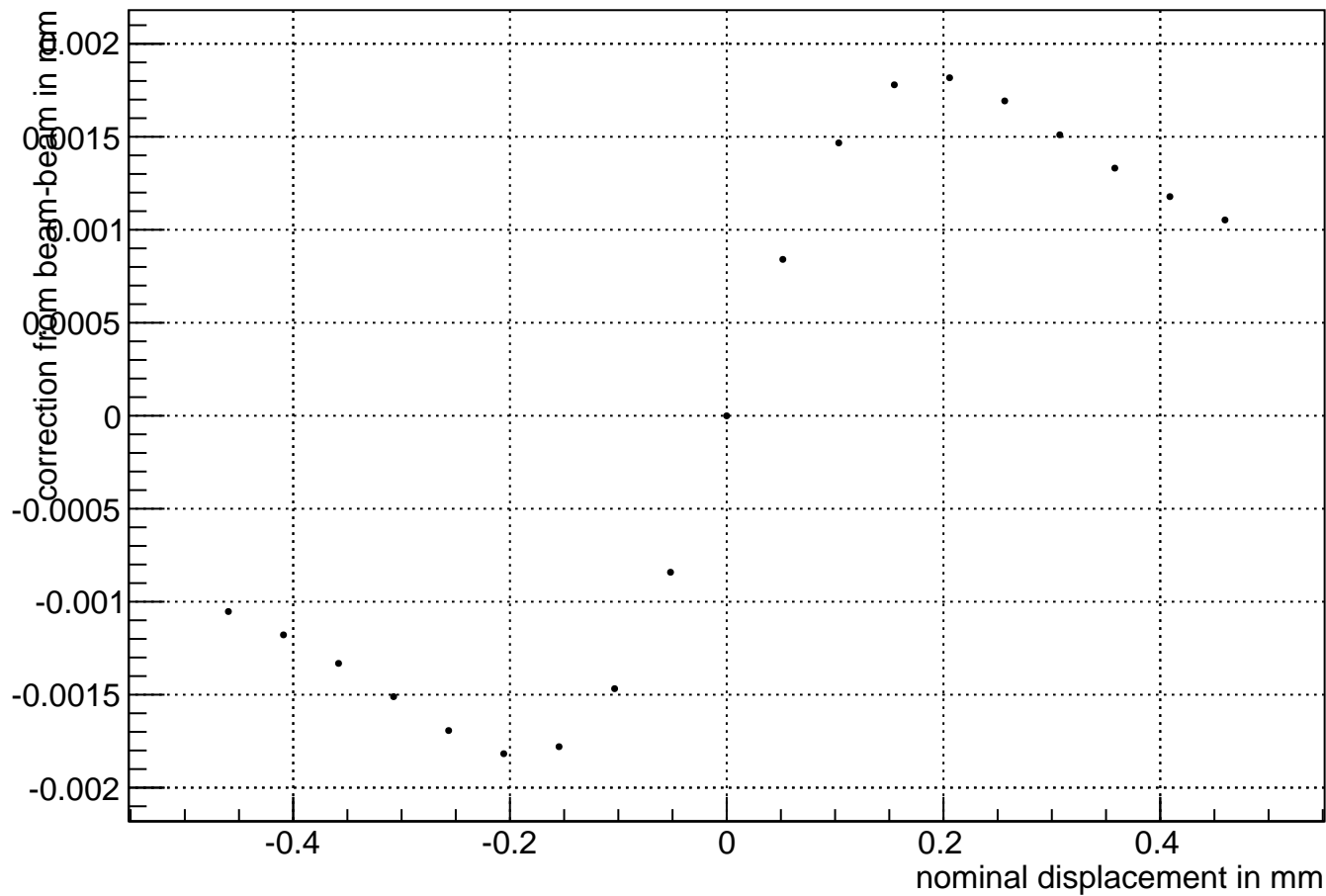
# BeamBeam correction for X4\_2674



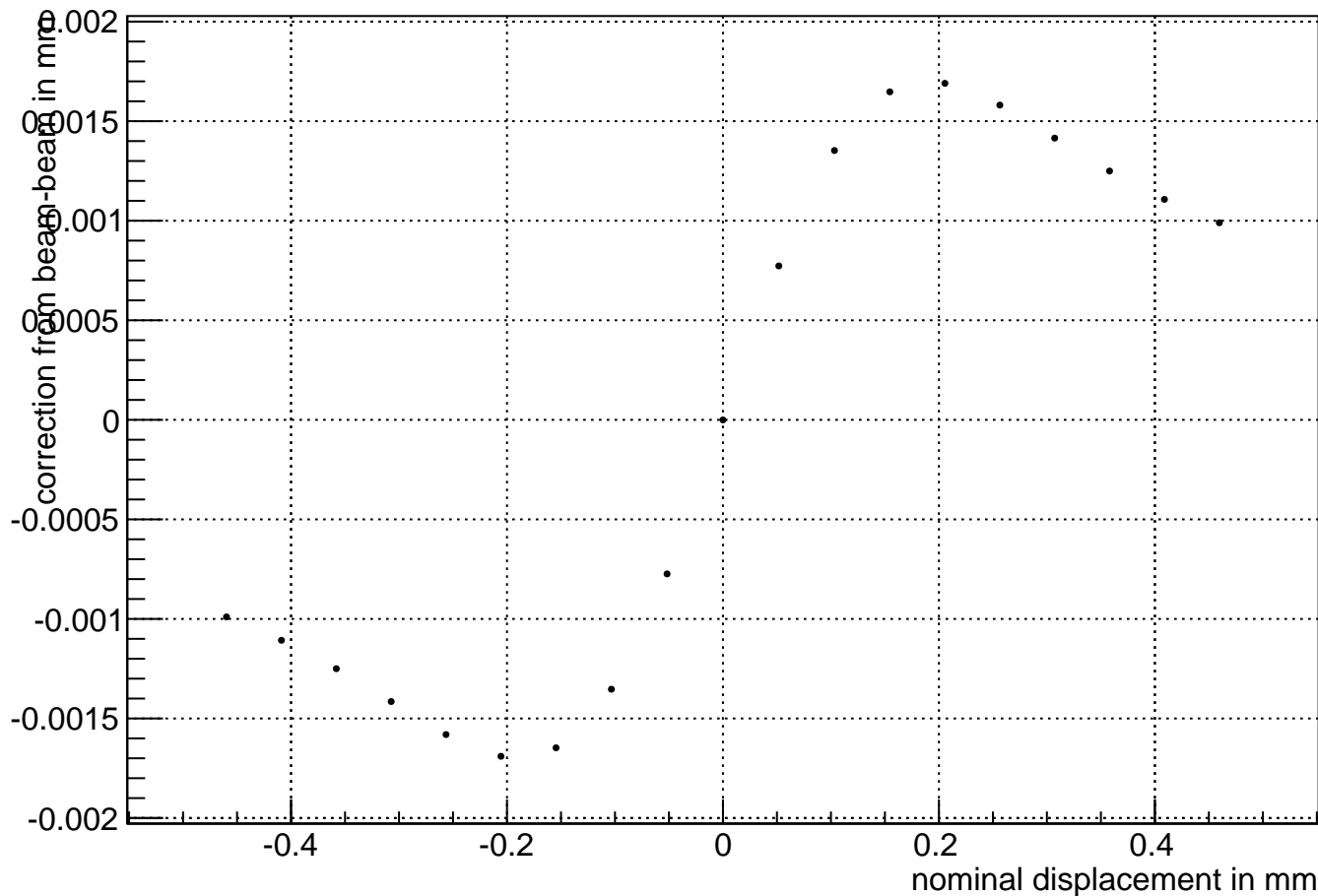
# BeamBeam correction for Y4\_1



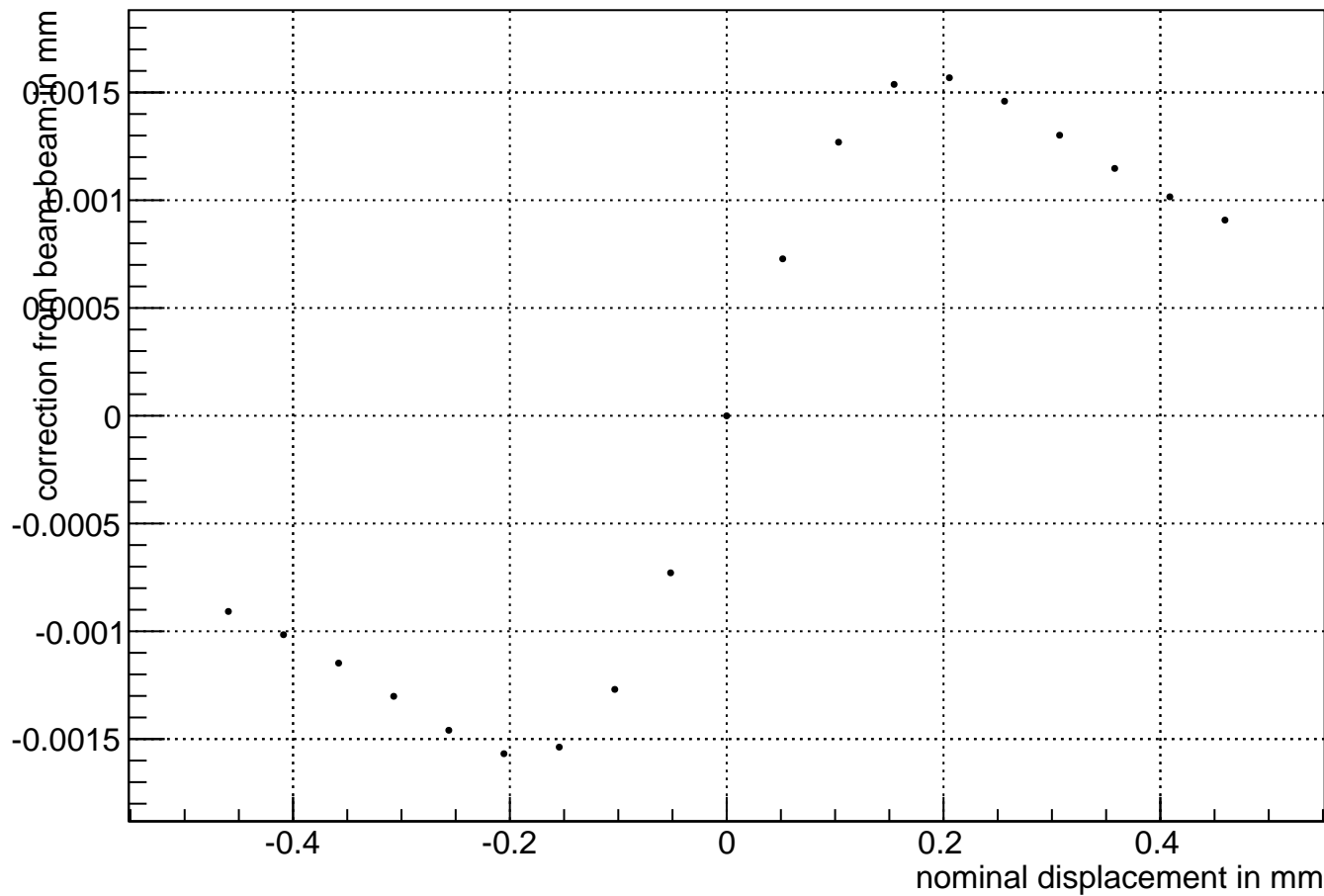
# BeamBeam correction for Y4\_51



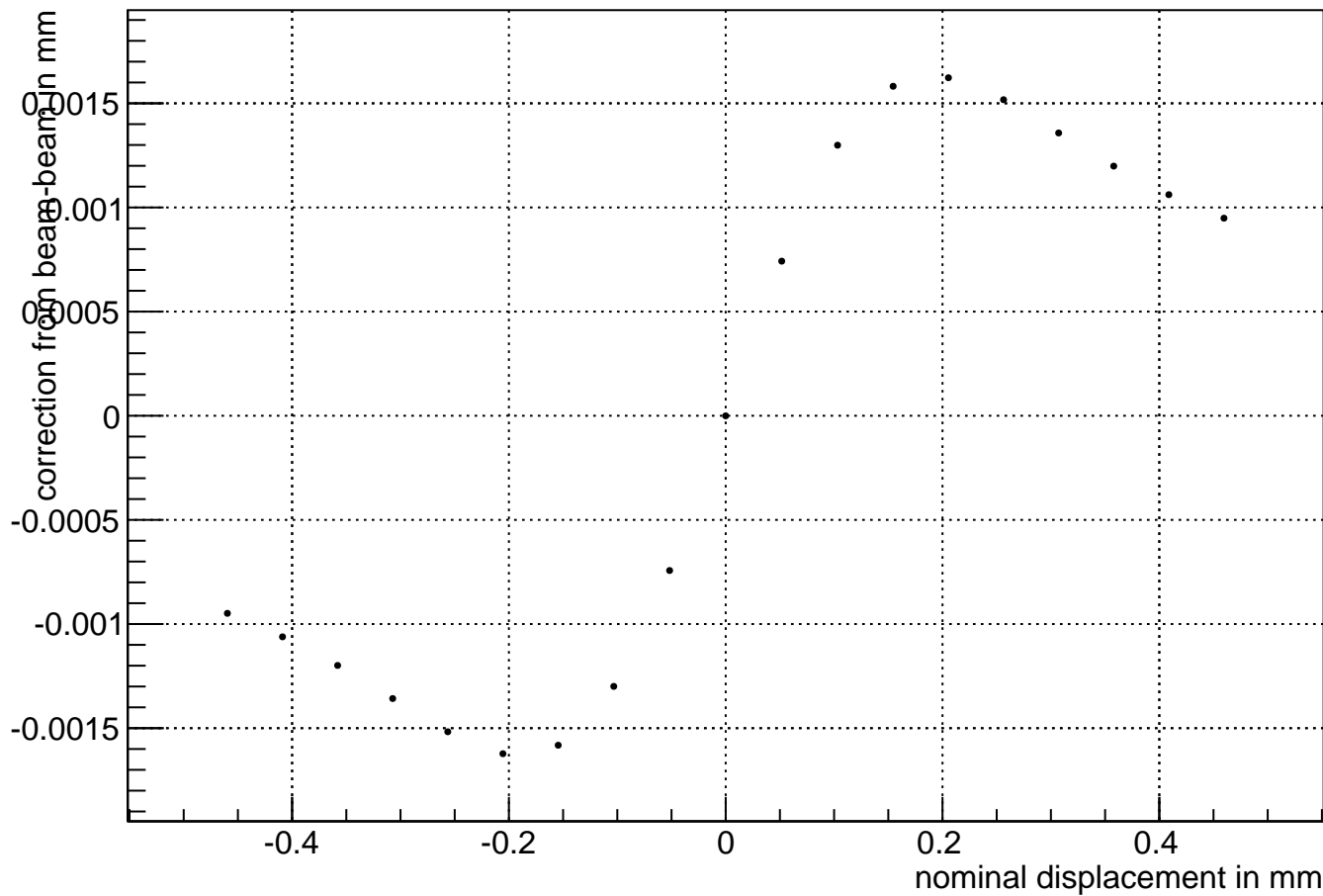
# BeamBeam correction for Y4\_91



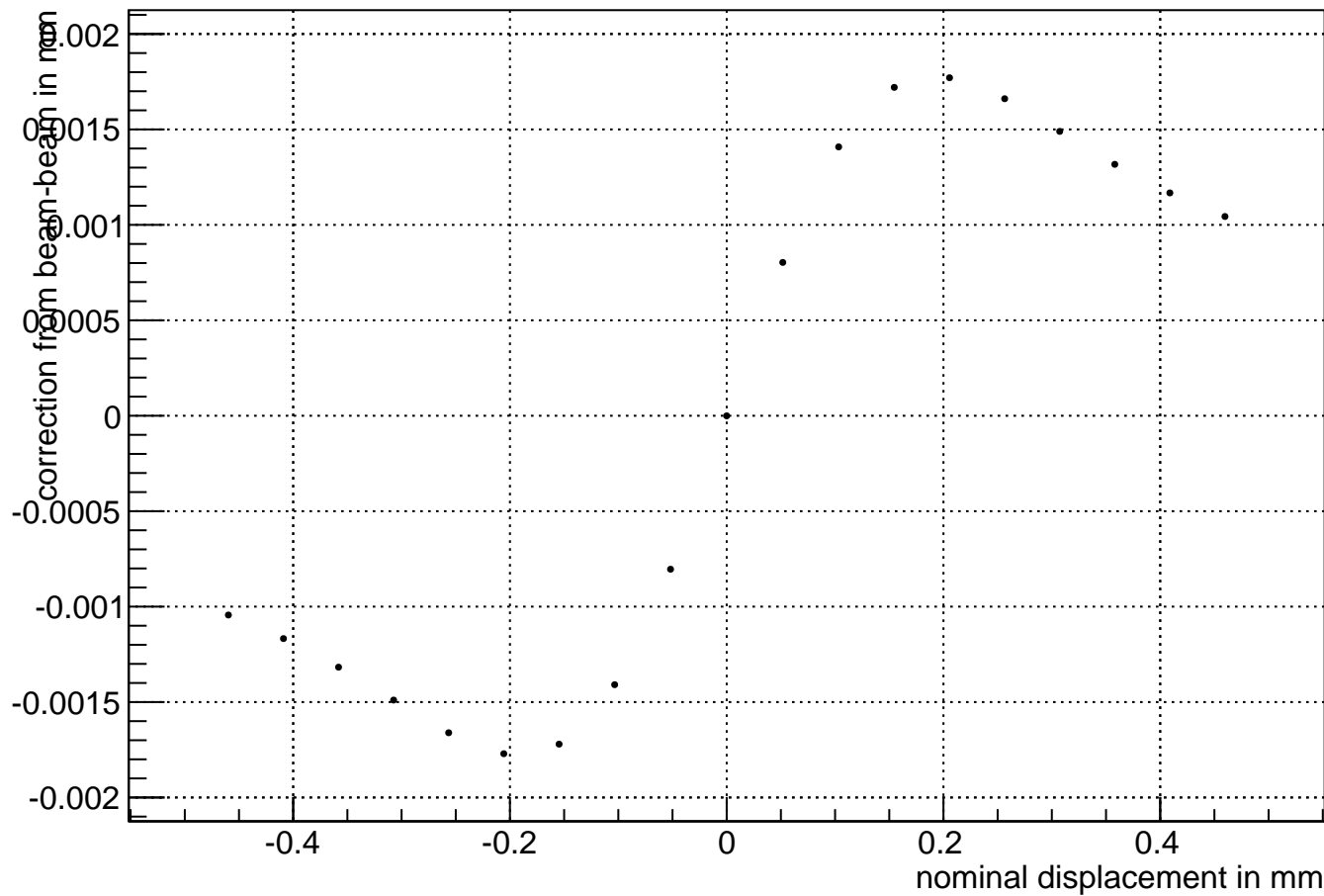
# BeamBeam correction for Y4\_131



# BeamBeam correction for Y4\_171

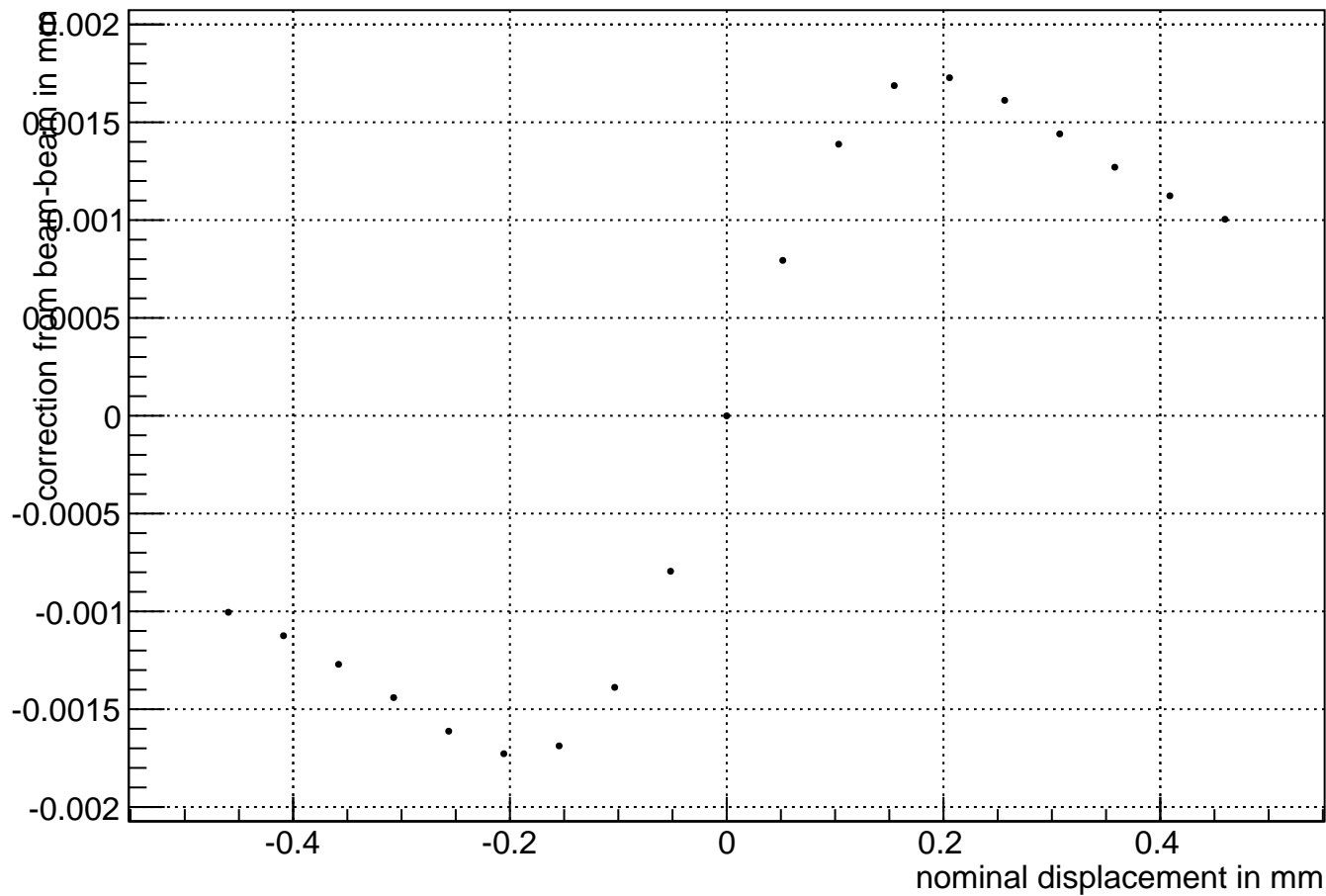


# BeamBeam correction for Y4\_211

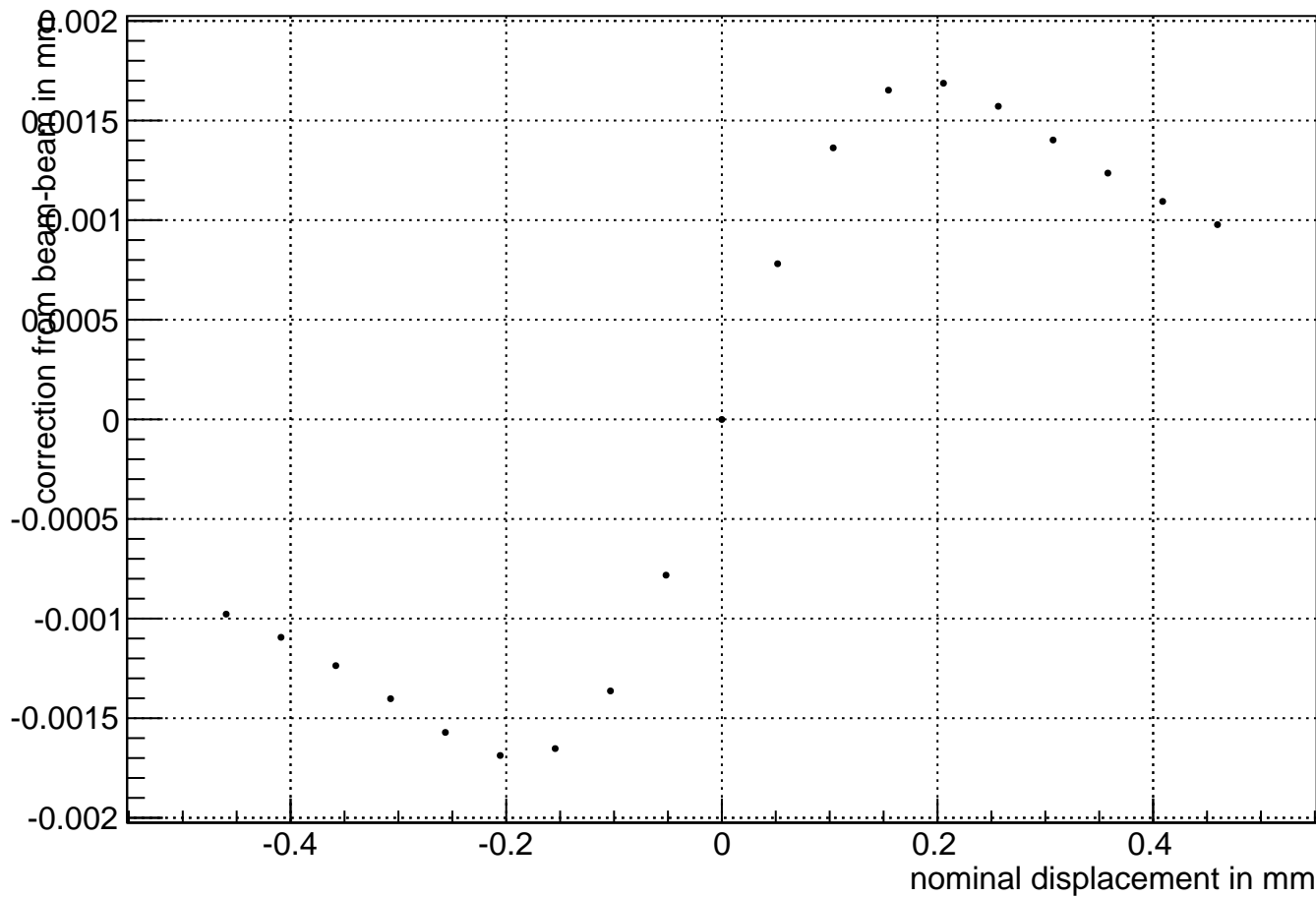




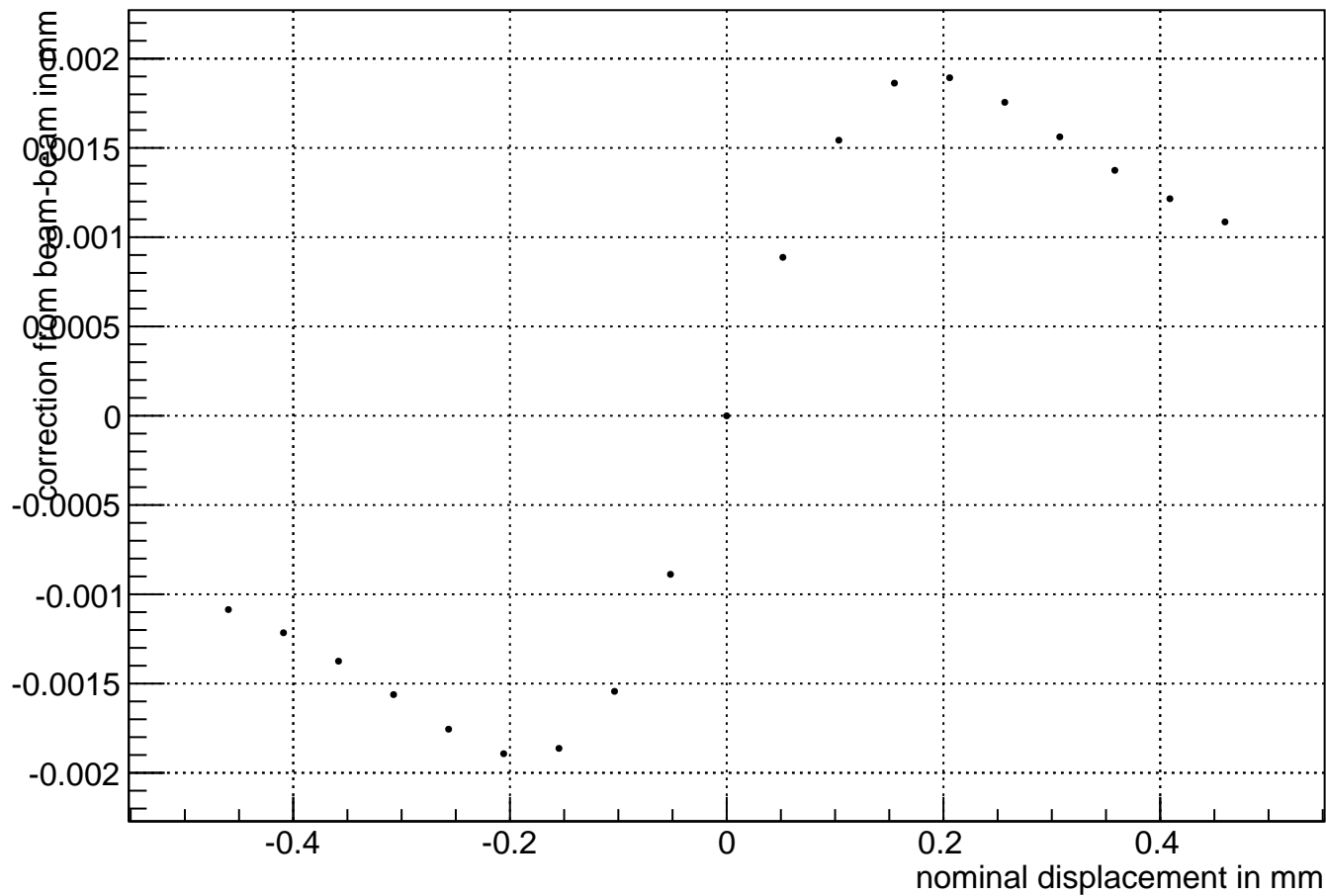
# BeamBeam correction for Y4\_251



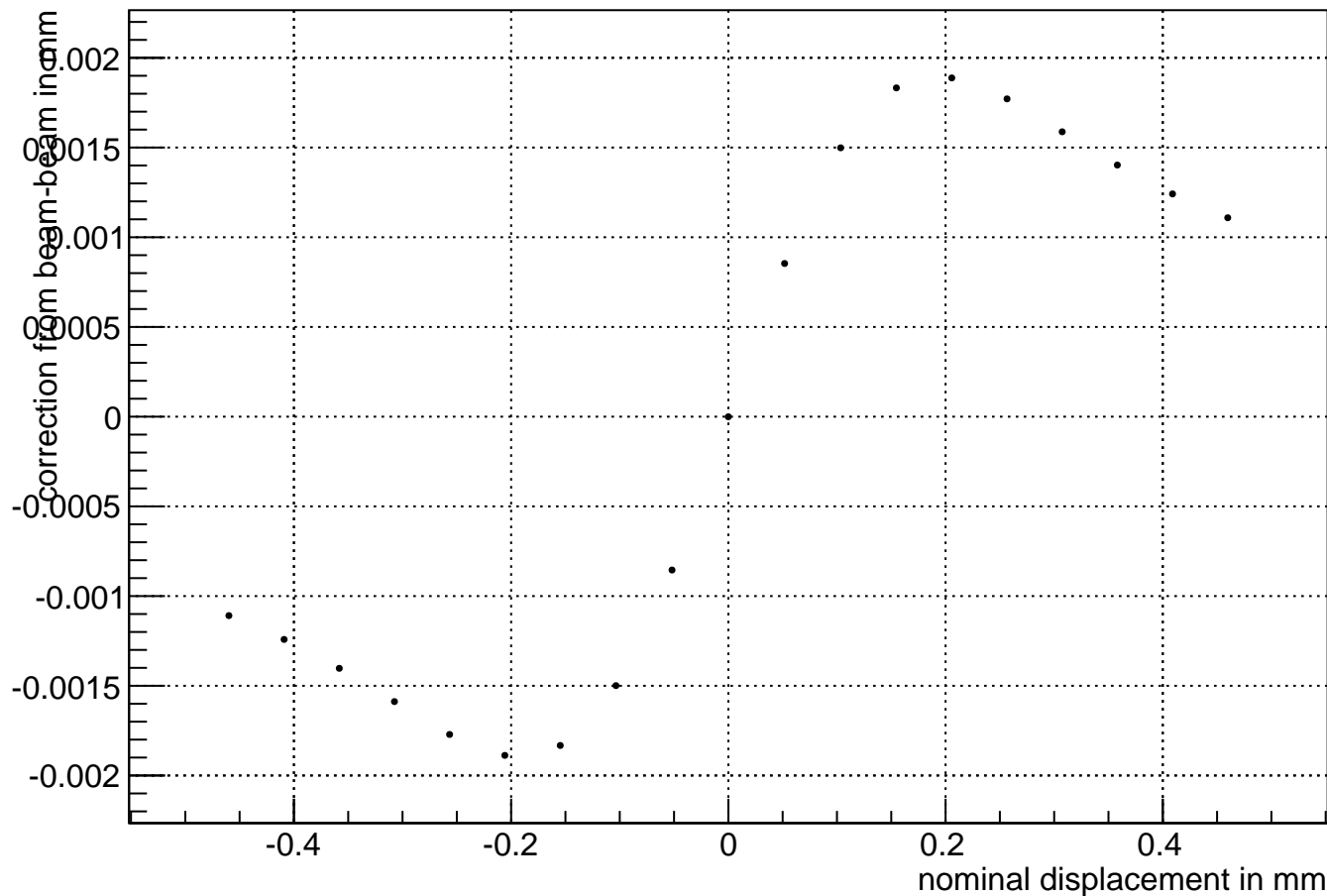
# BeamBeam correction for Y4\_291



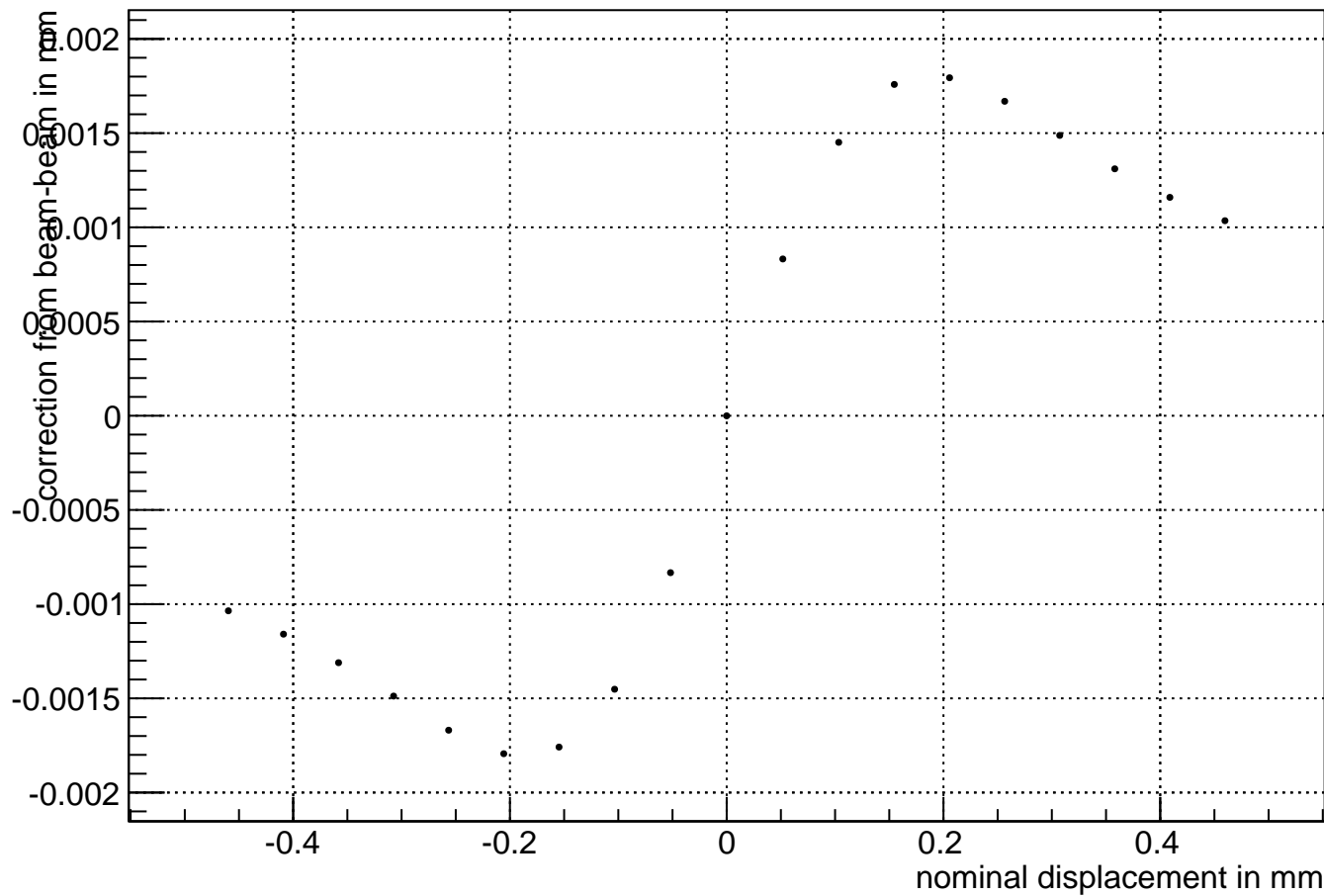
# BeamBeam correction for Y4\_771



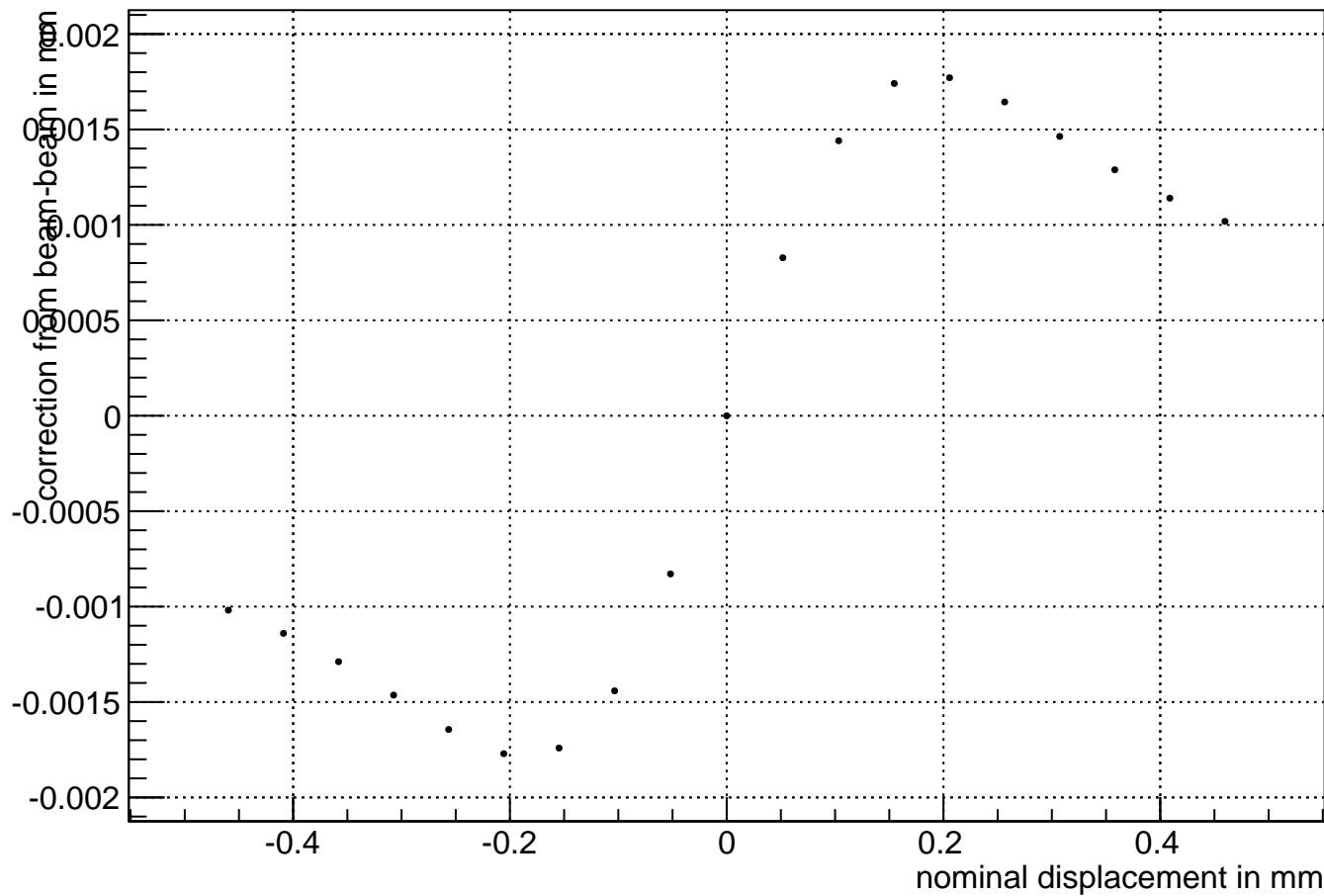
# BeamBeam correction for Y4\_811



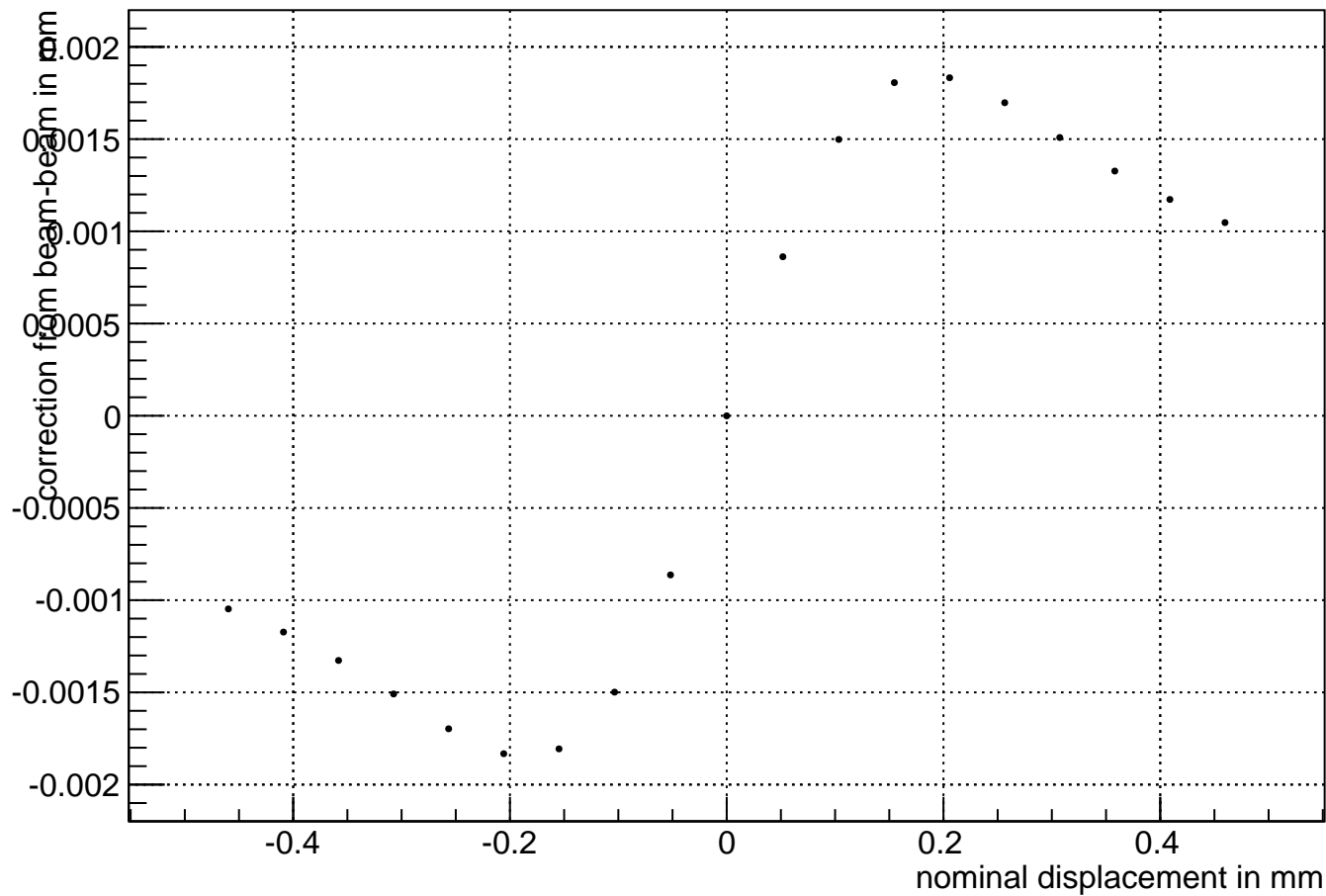
# BeamBeam correction for Y4\_851



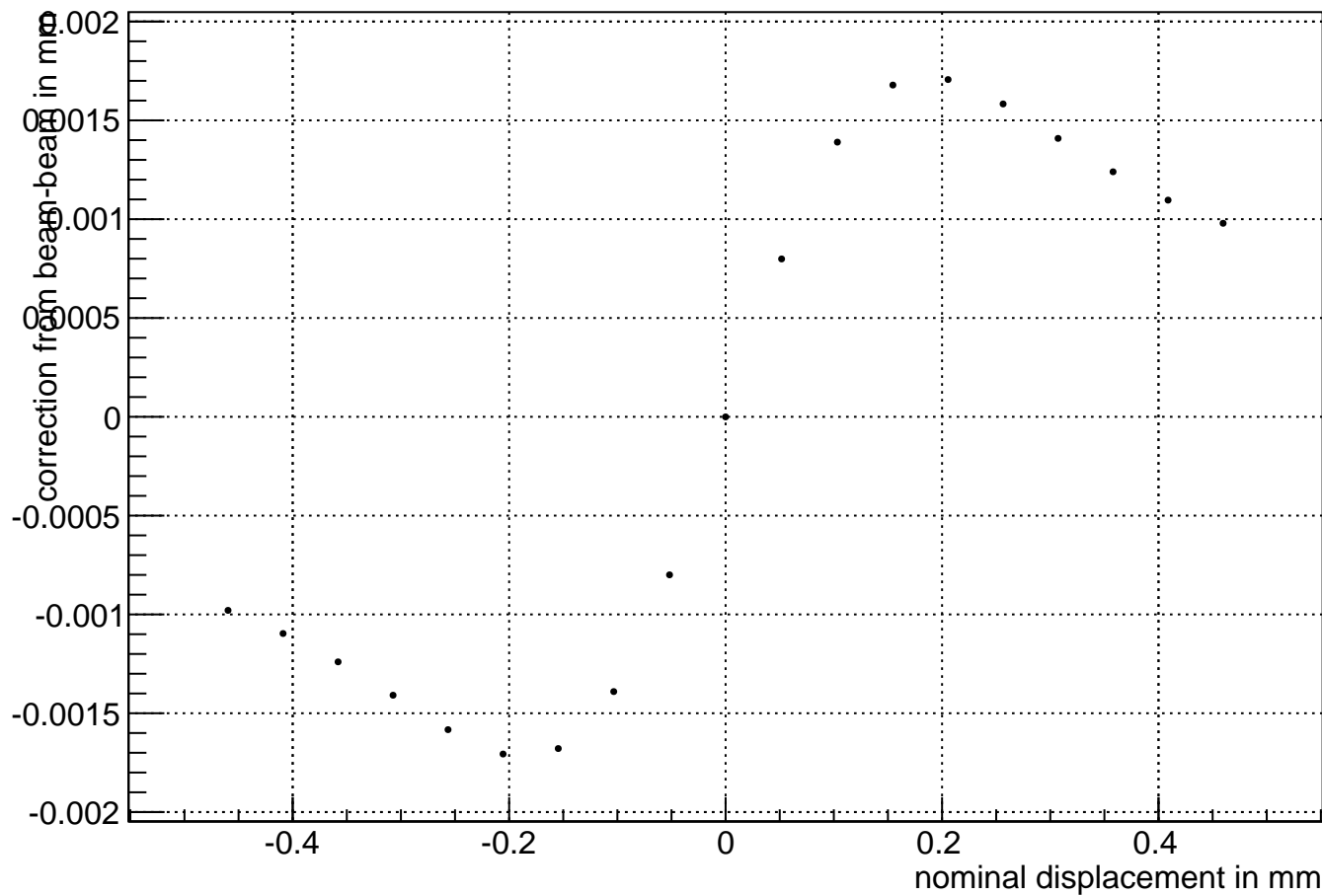
# BeamBeam correction for Y4\_891



# BeamBeam correction for Y4\_931

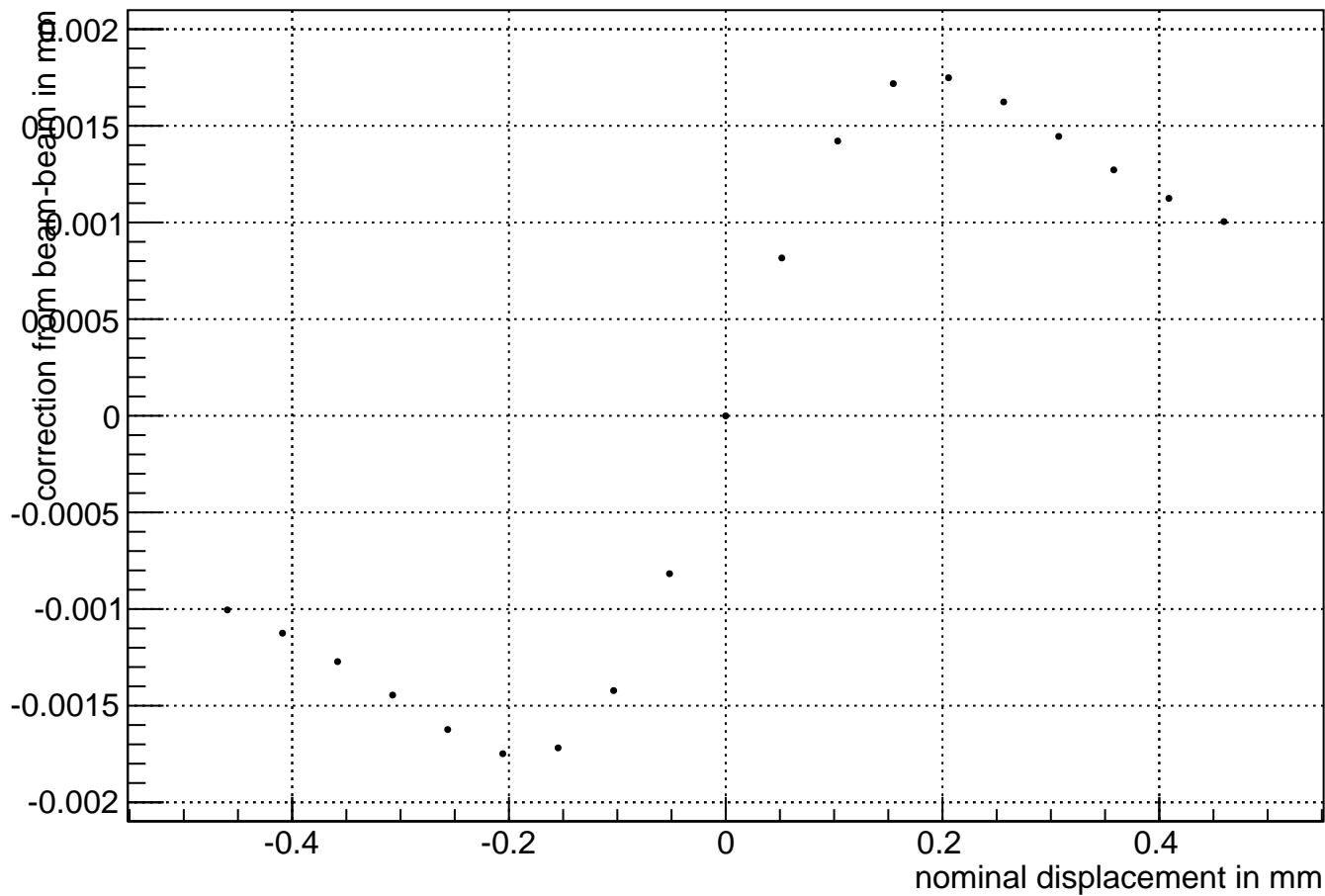


# BeamBeam correction for Y4\_971

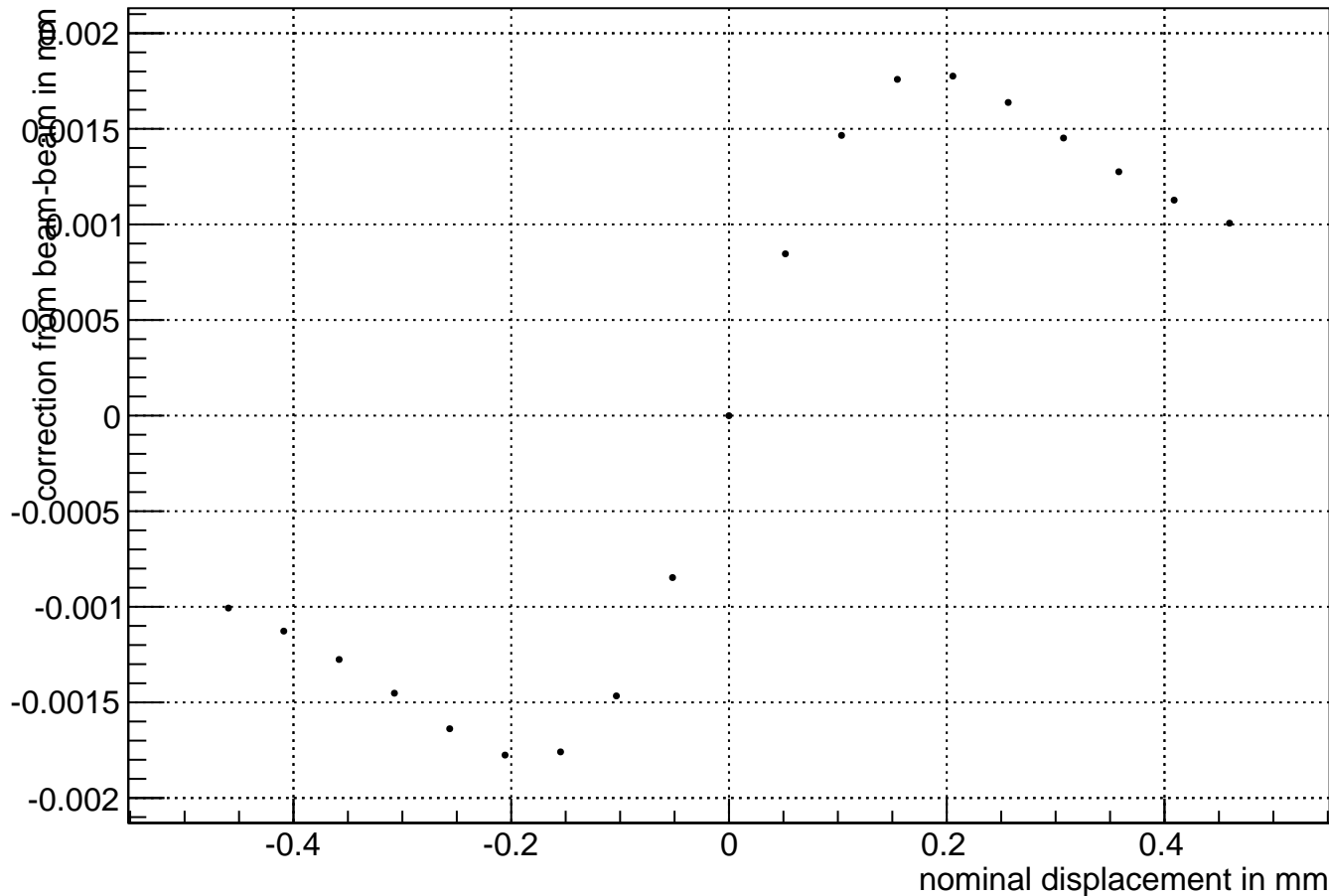




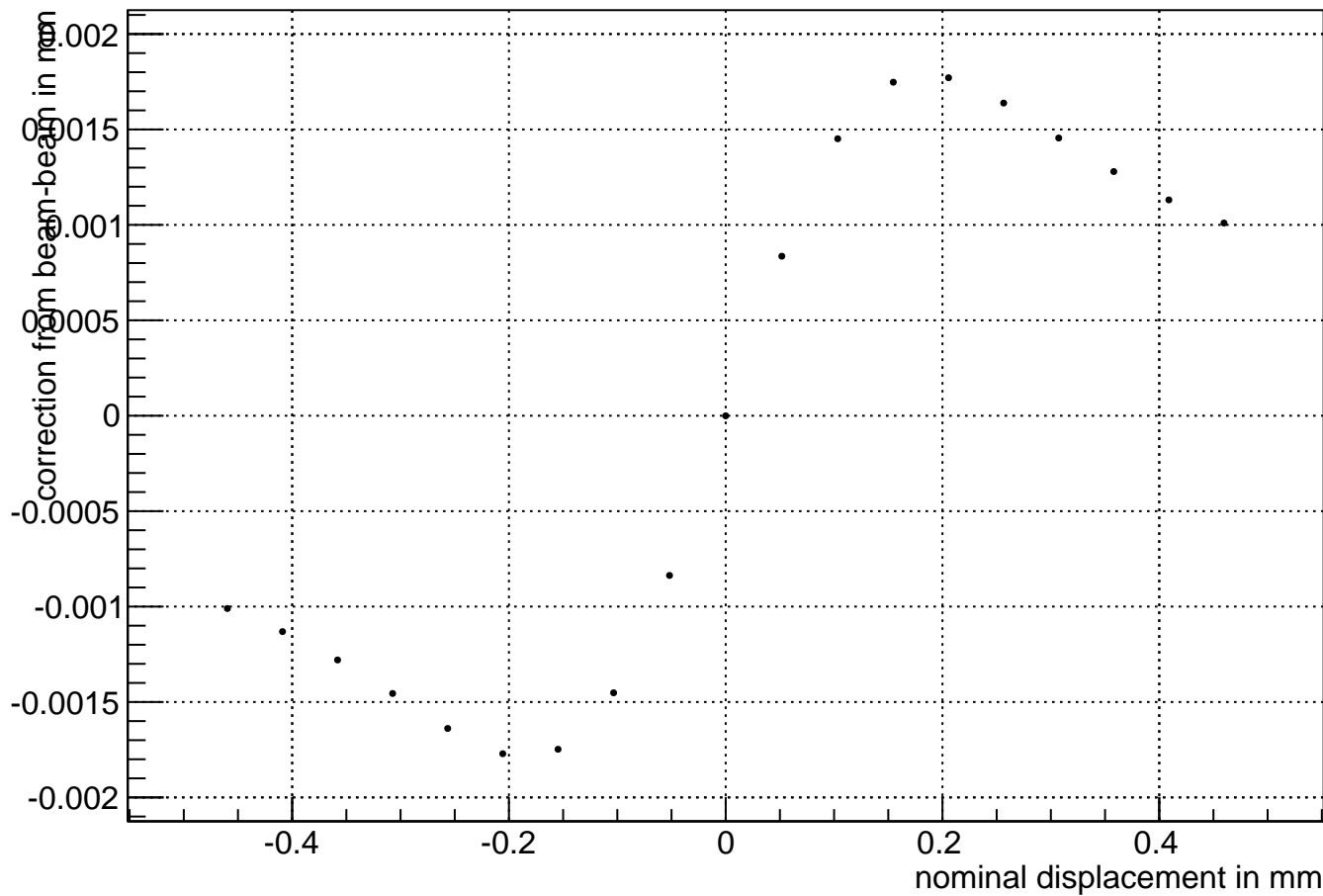
# BeamBeam correction for Y4\_1011



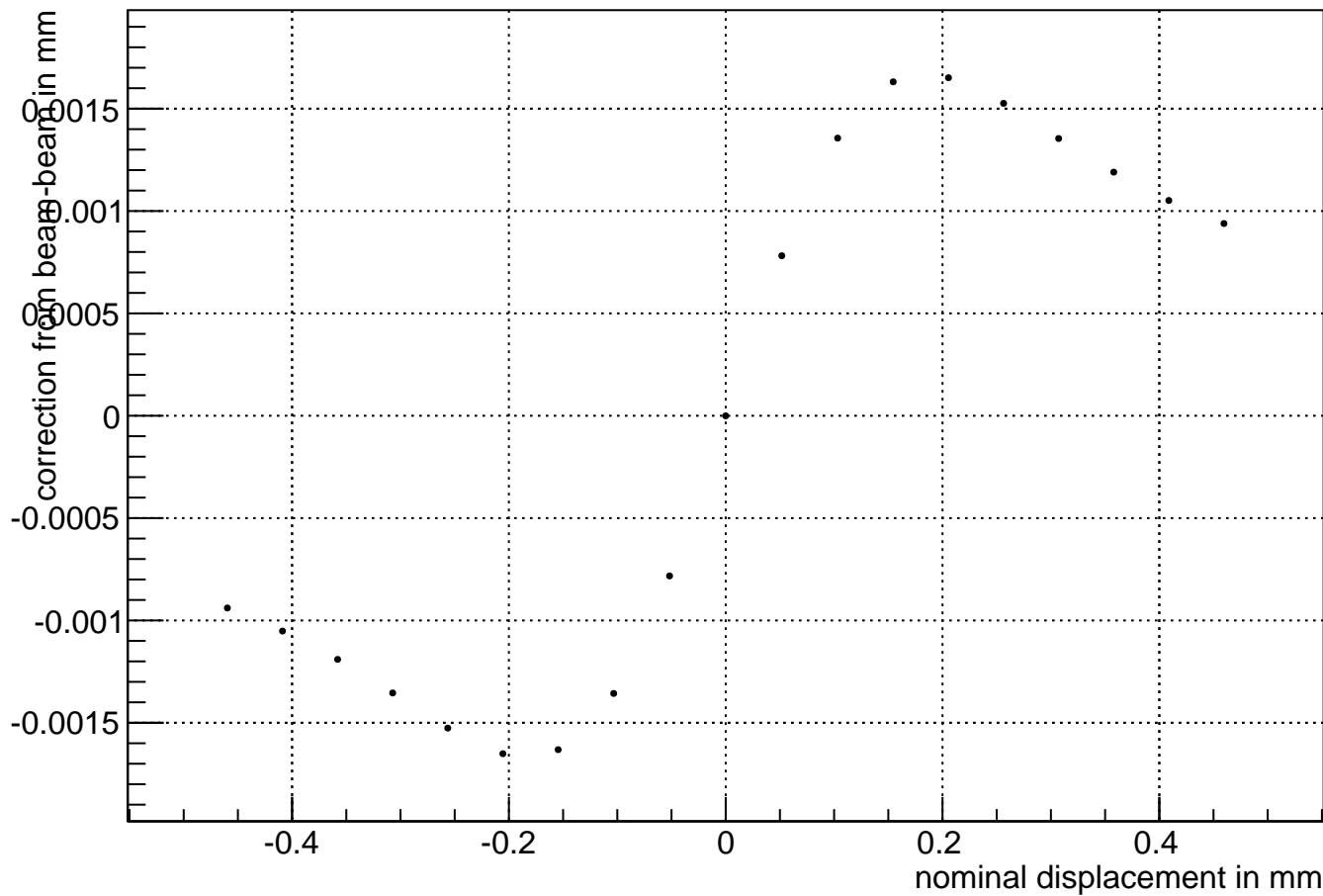
# BeamBeam correction for Y4\_1631



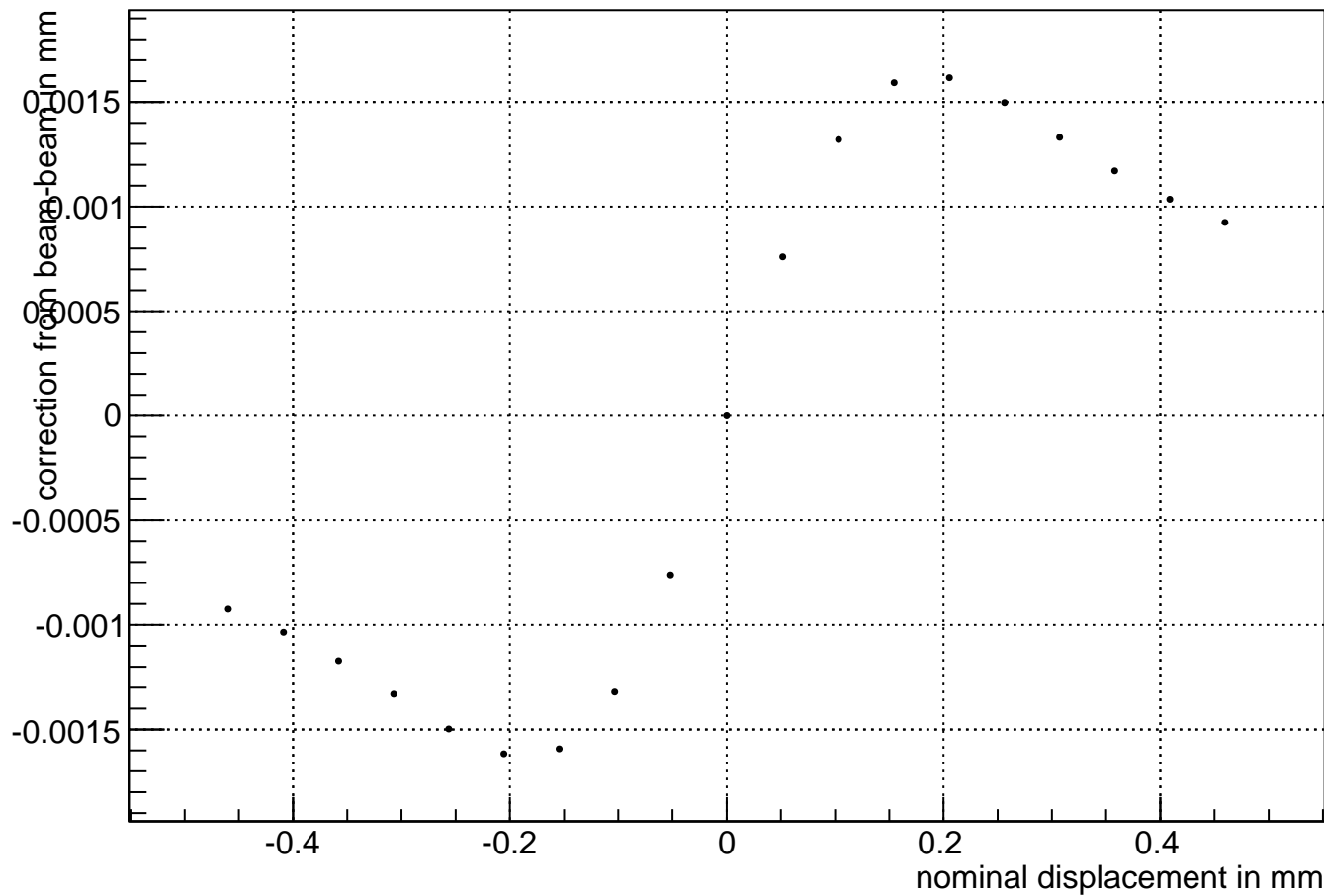
# BeamBeam correction for Y4\_1671



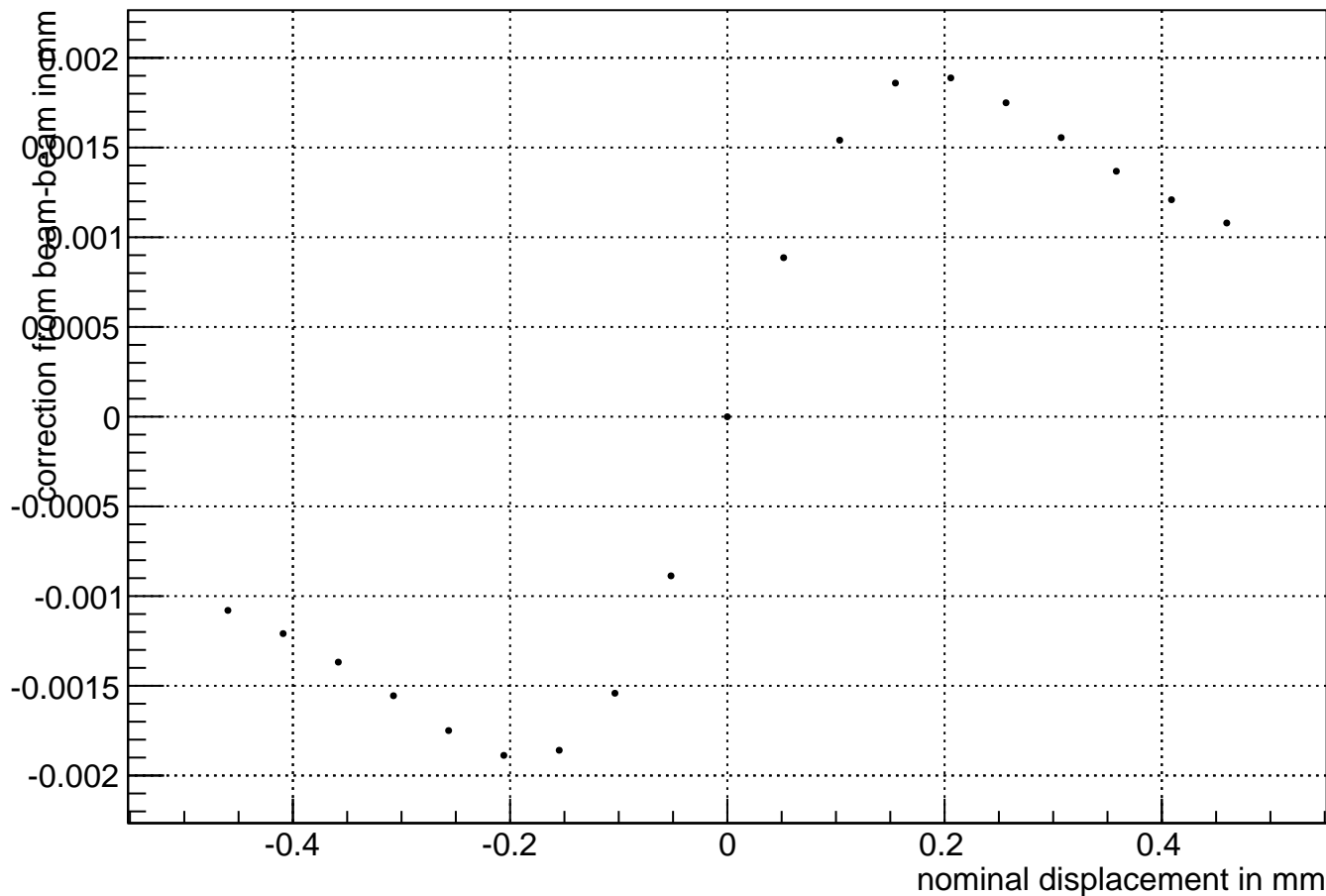
# BeamBeam correction for Y4\_1711



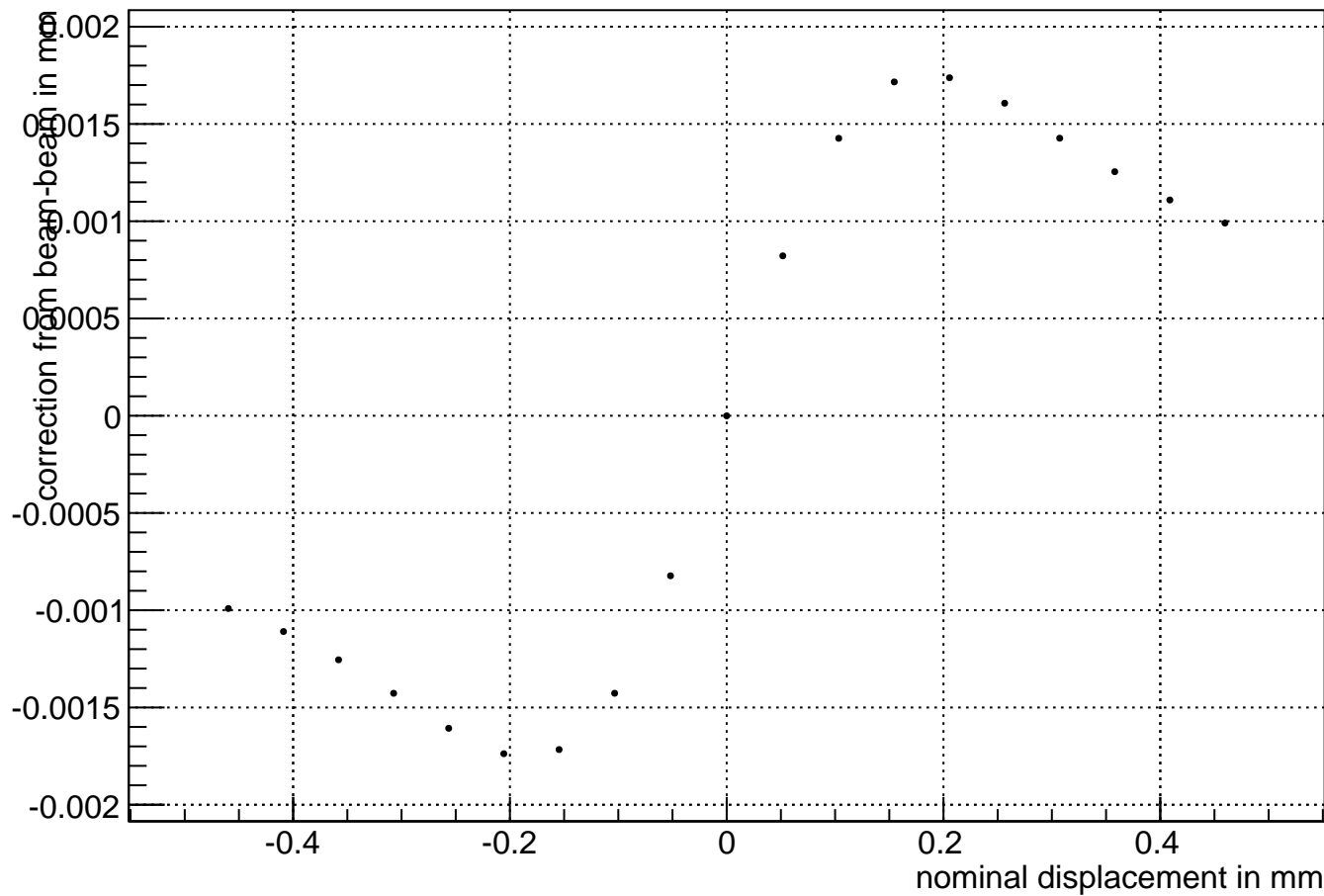
# BeamBeam correction for Y4\_1751



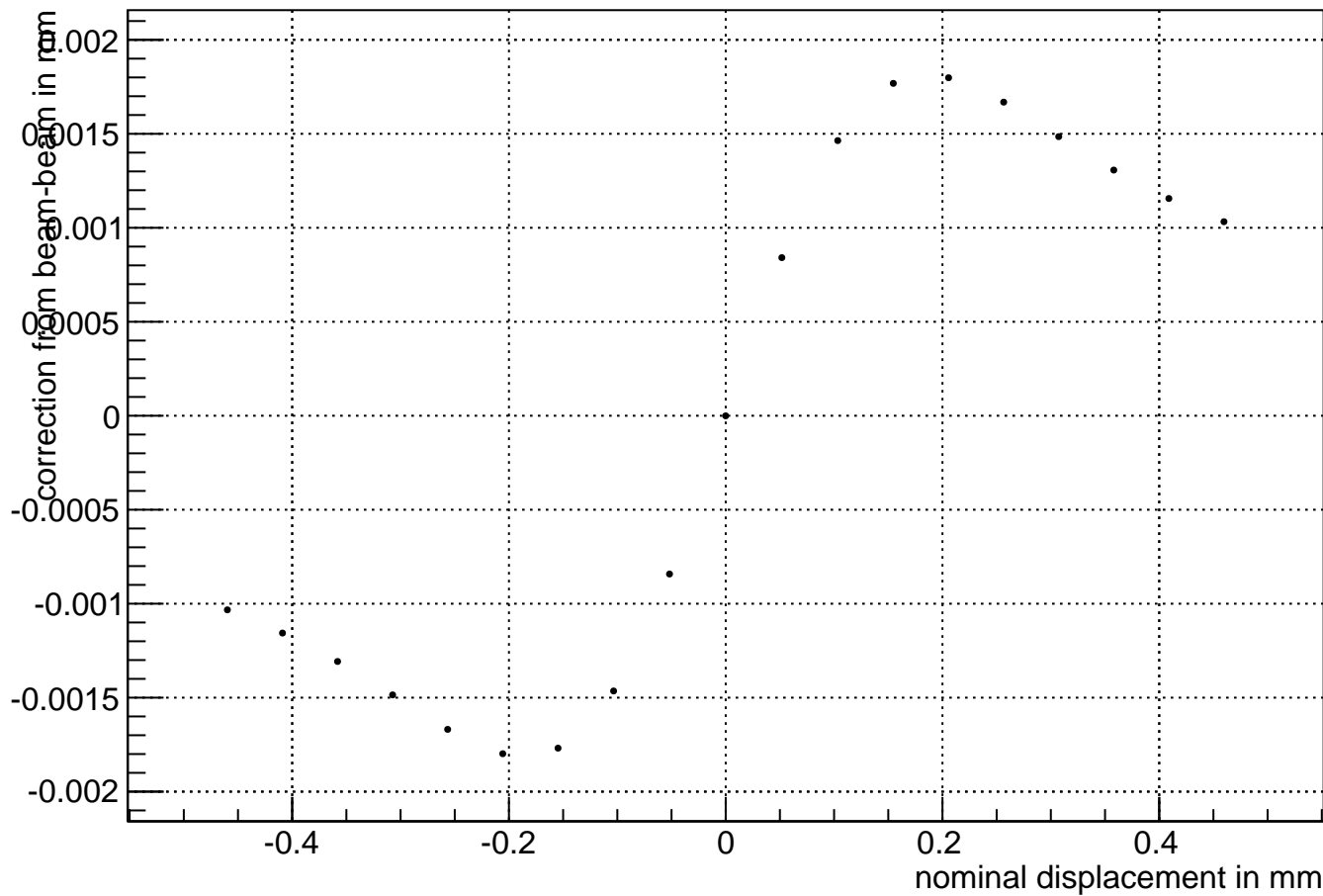
# BeamBeam correction for Y4\_1791



# BeamBeam correction for Y4\_1831

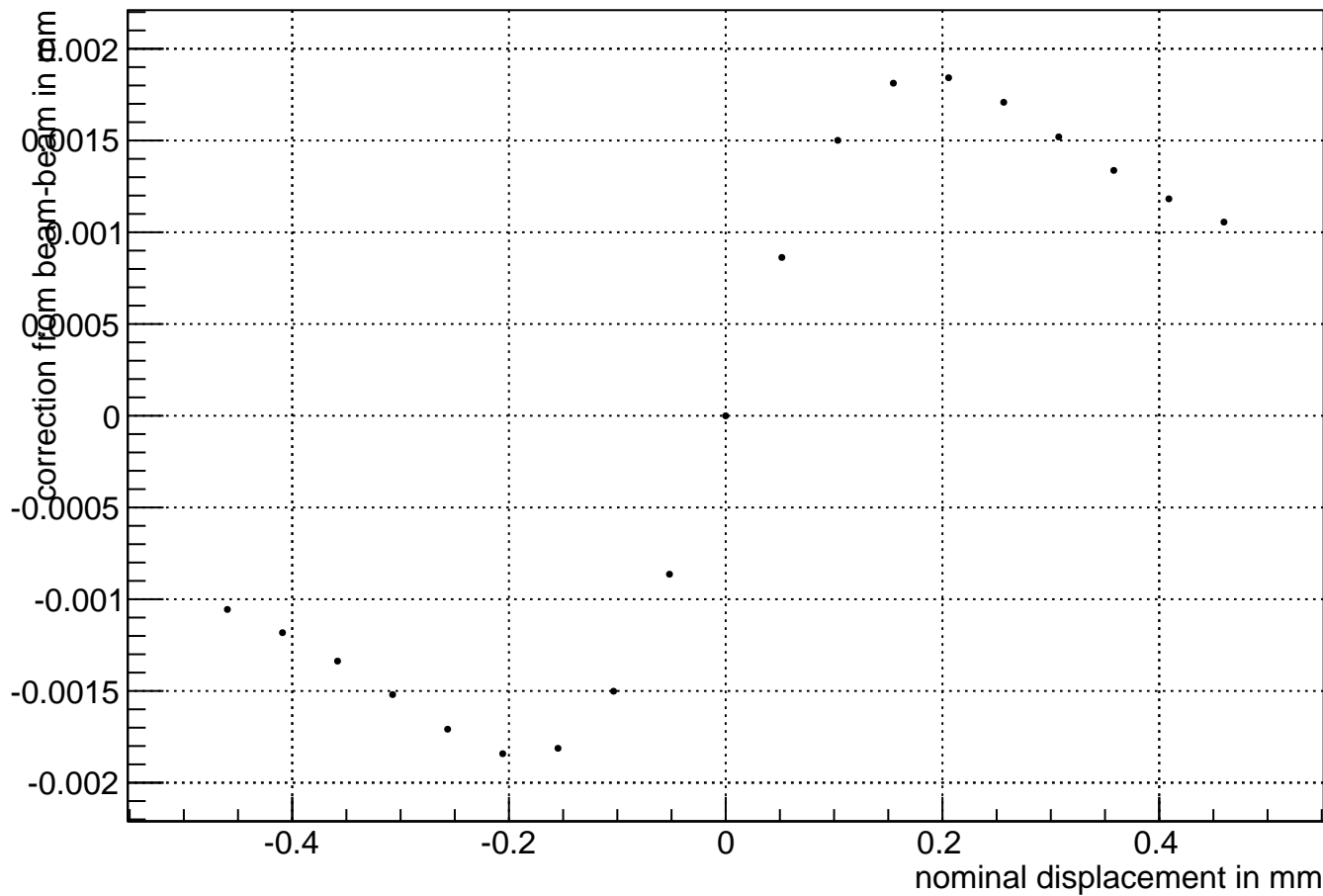


# BeamBeam correction for Y4\_1871

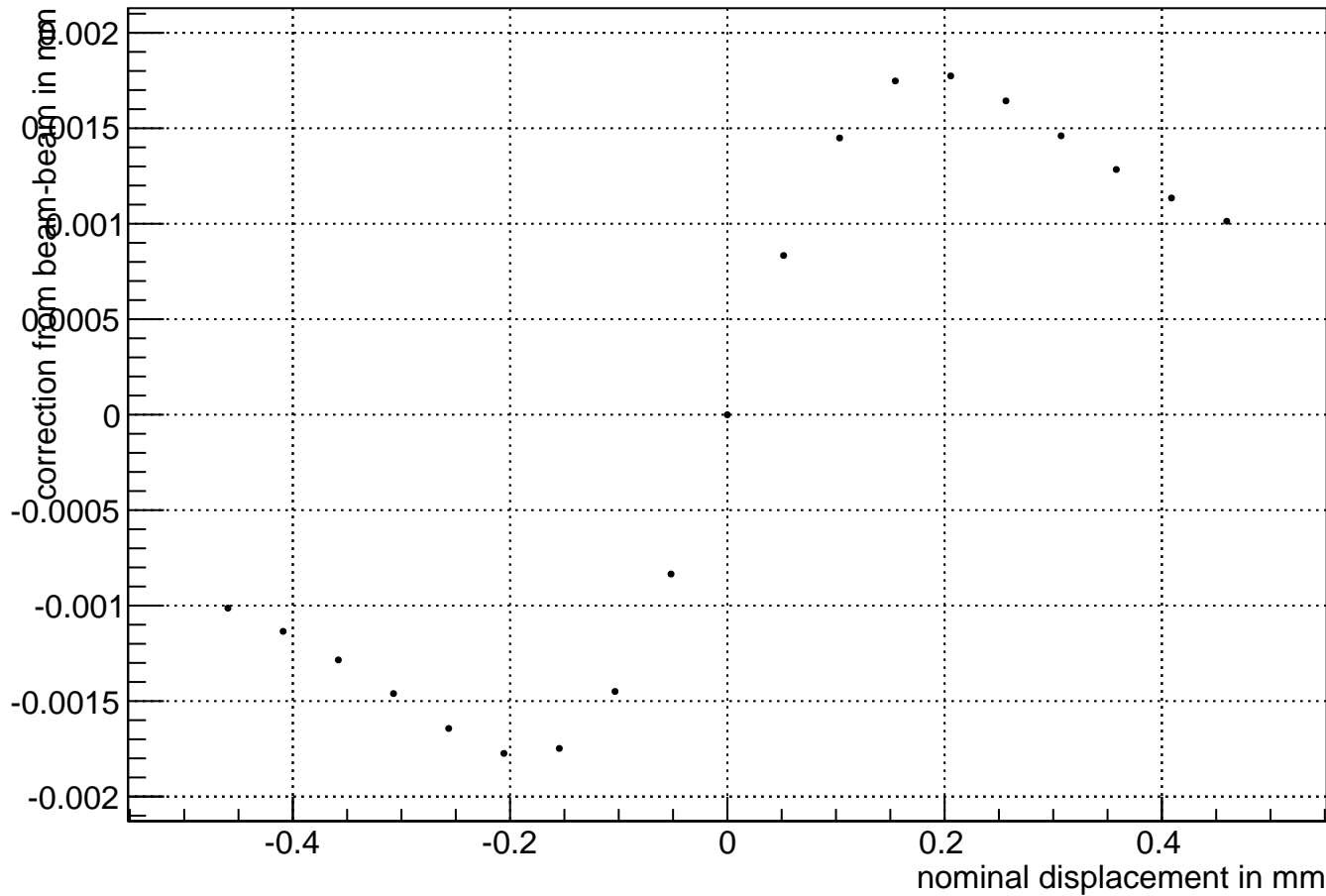




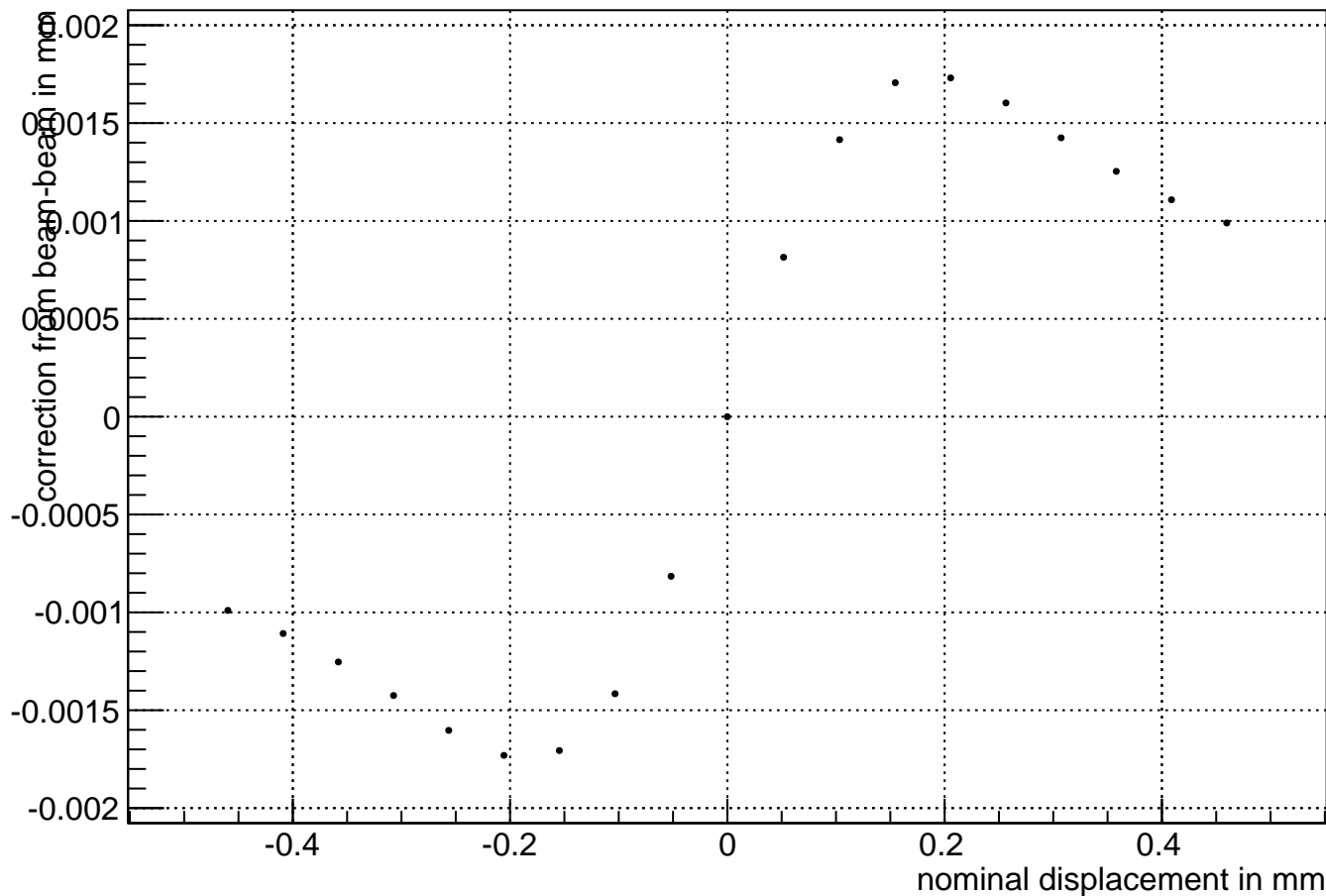
# BeamBeam correction for Y4\_2211



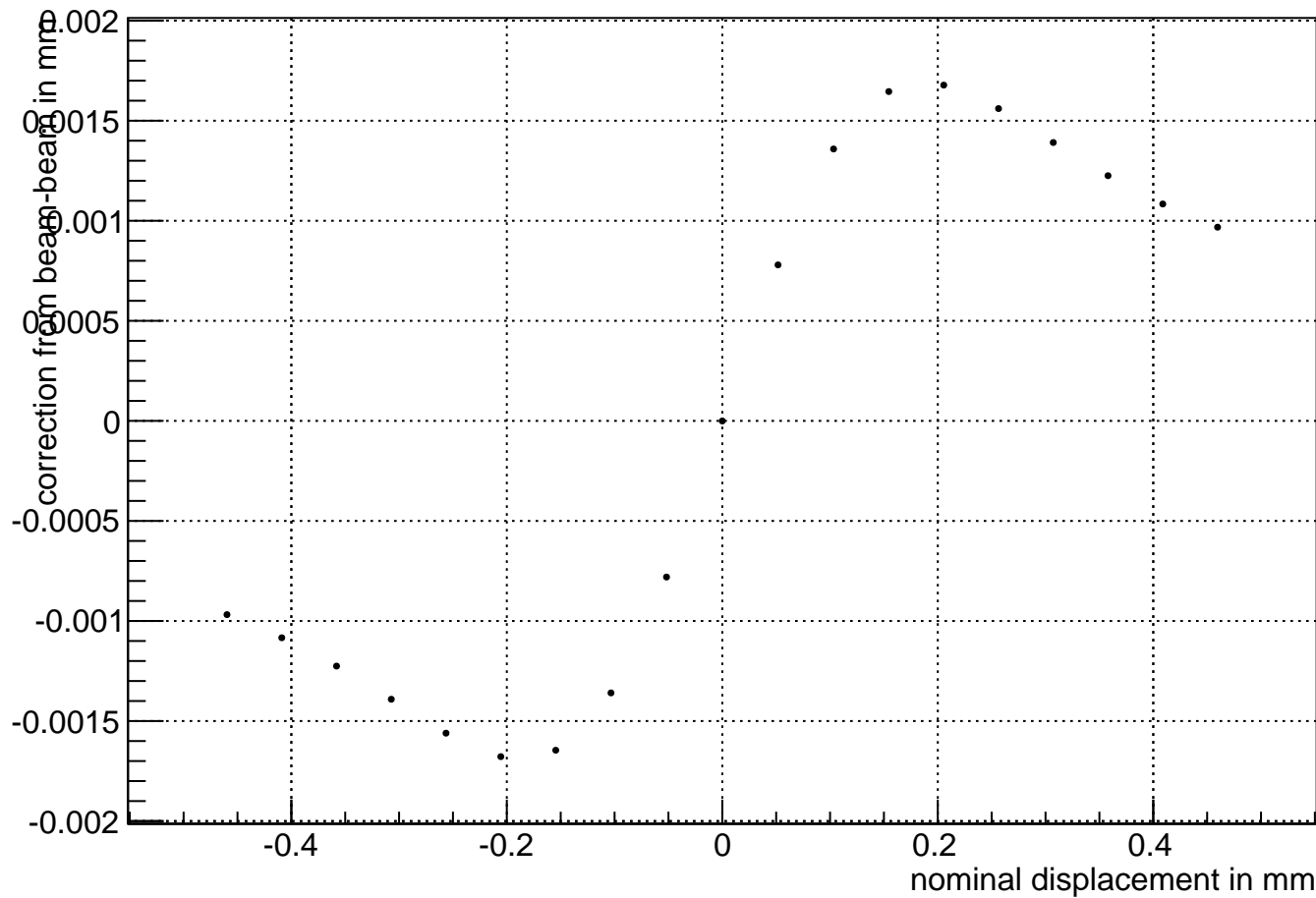
# BeamBeam correction for Y4\_2251



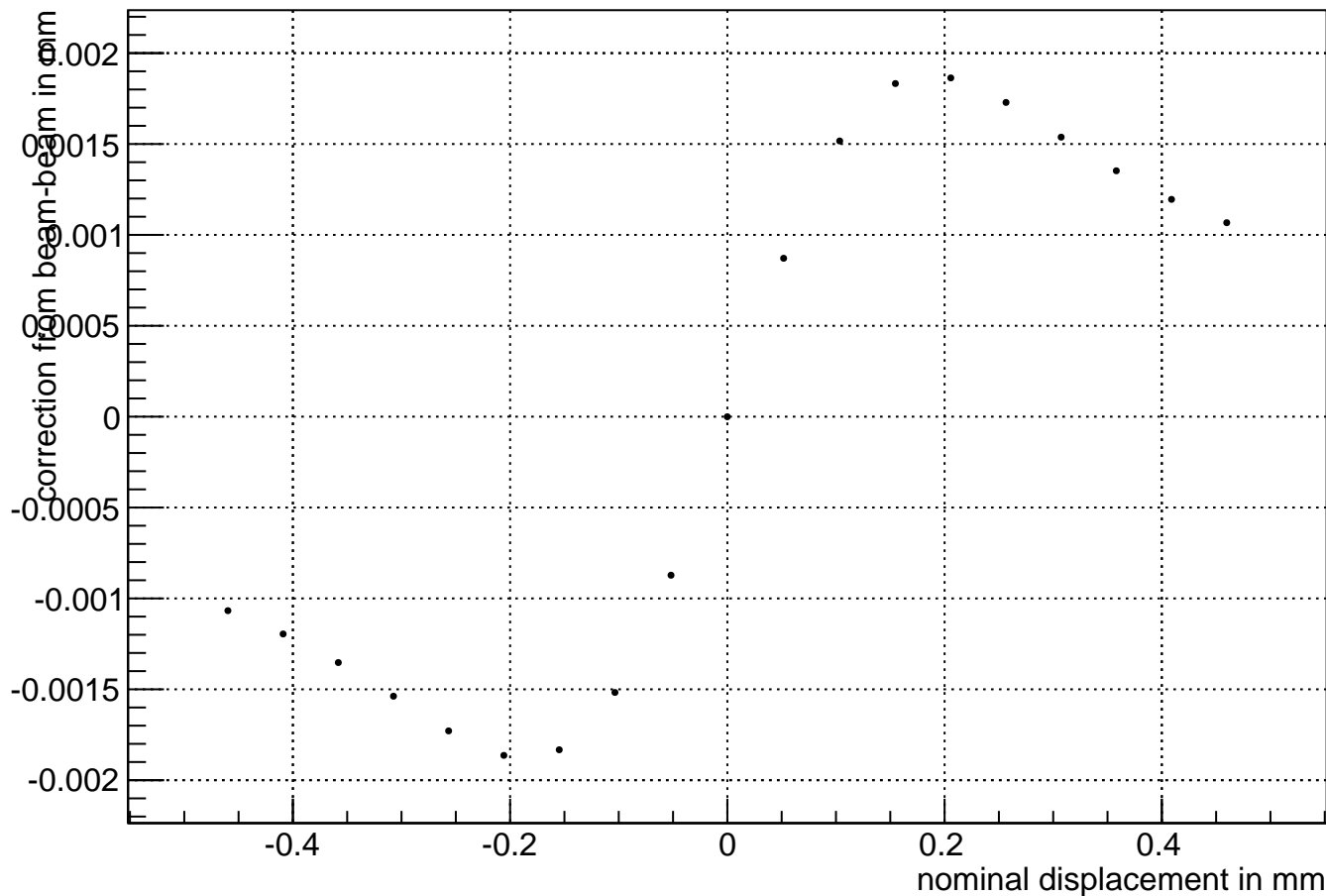
# BeamBeam correction for Y4\_2291



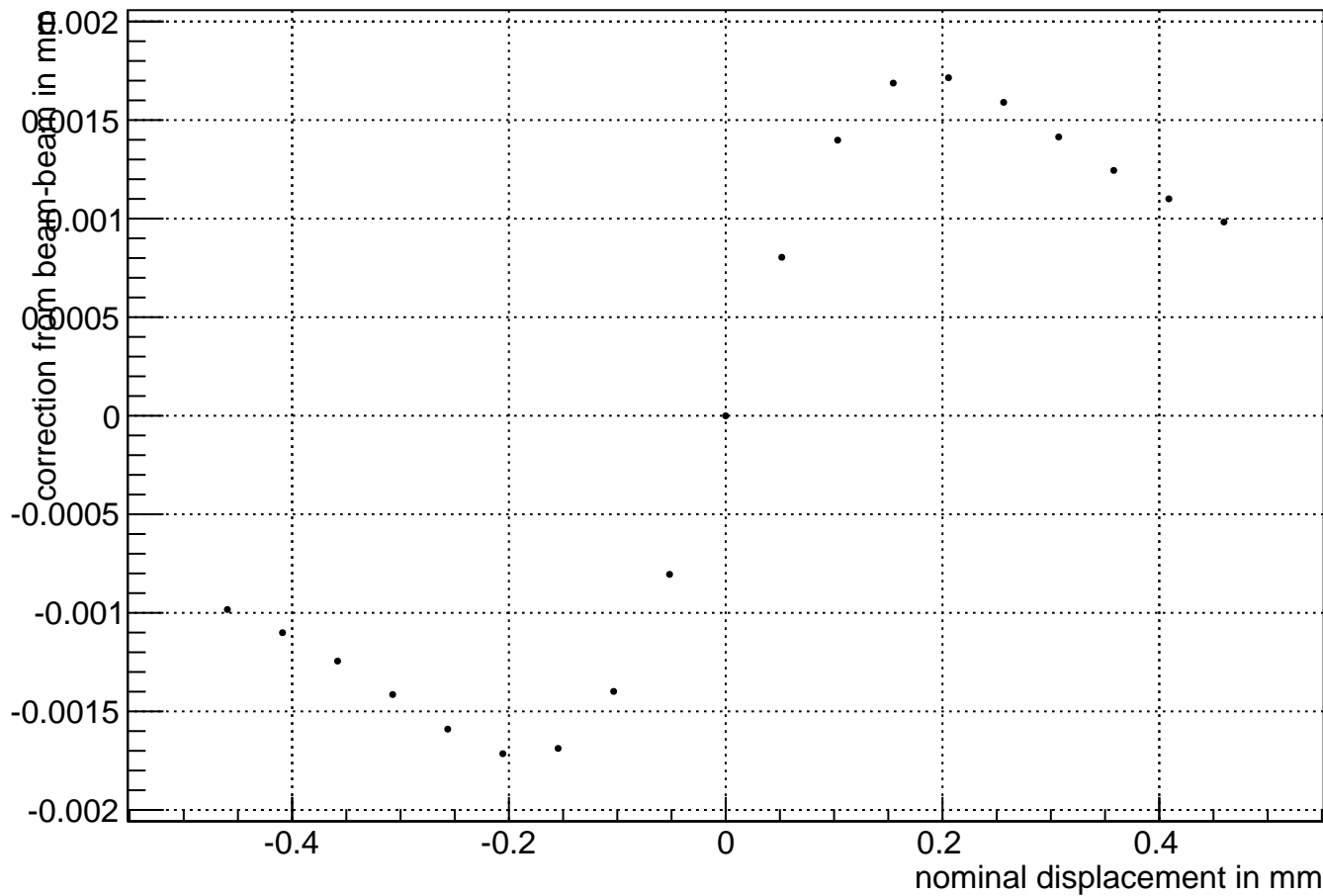
# BeamBeam correction for Y4\_2331



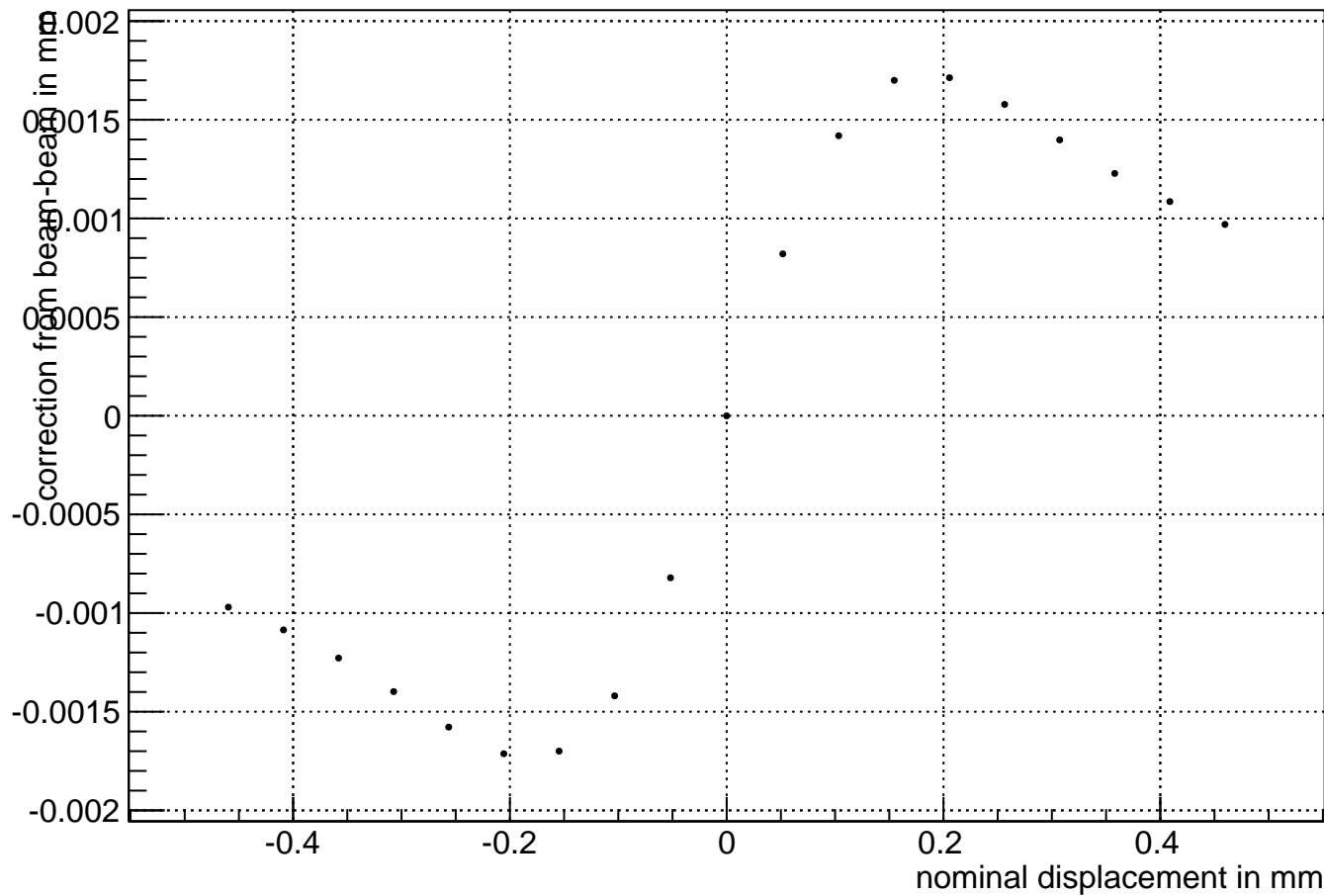
# BeamBeam correction for Y4\_2371



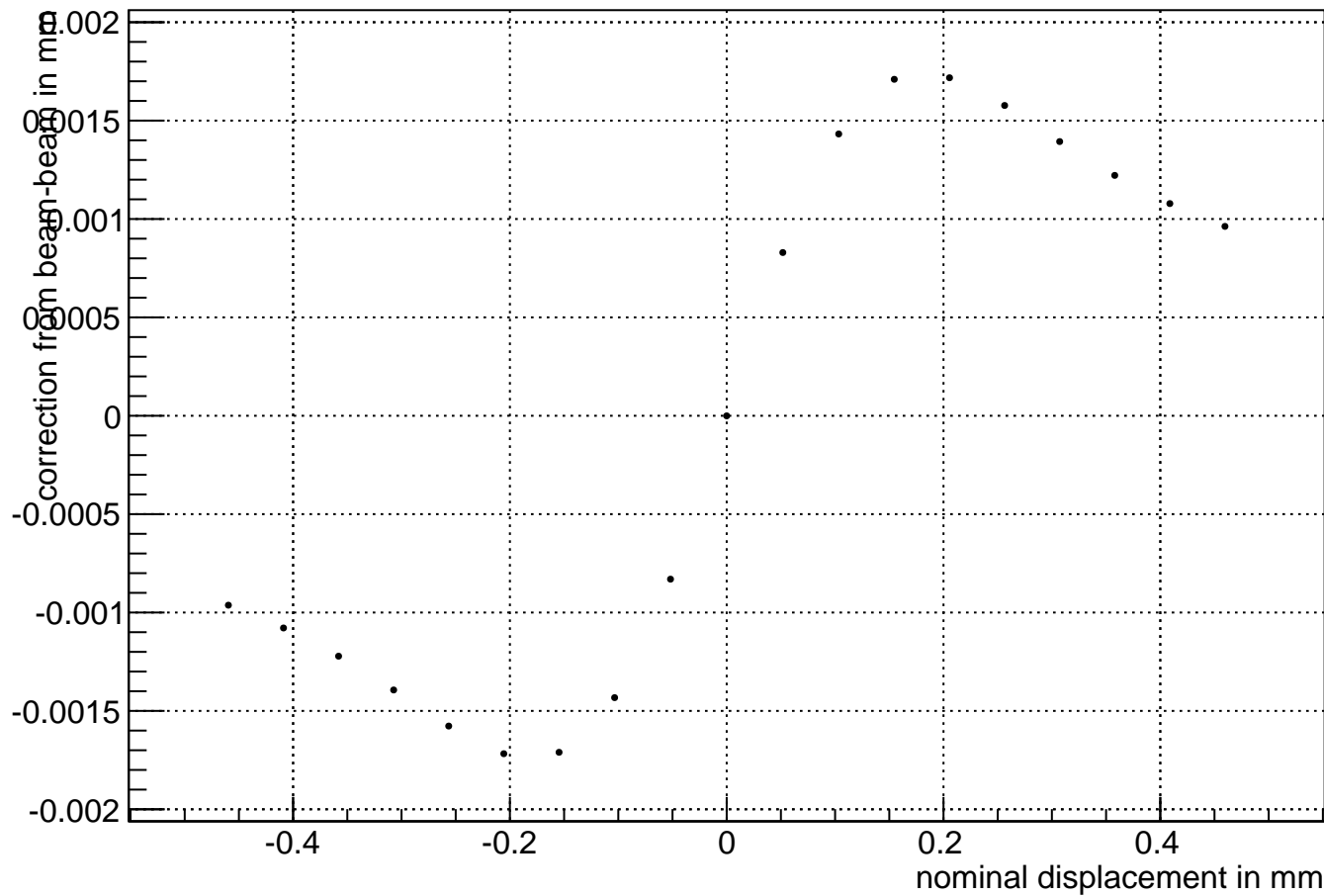
# BeamBeam correction for Y4\_2411



# BeamBeam correction for Y4\_2451

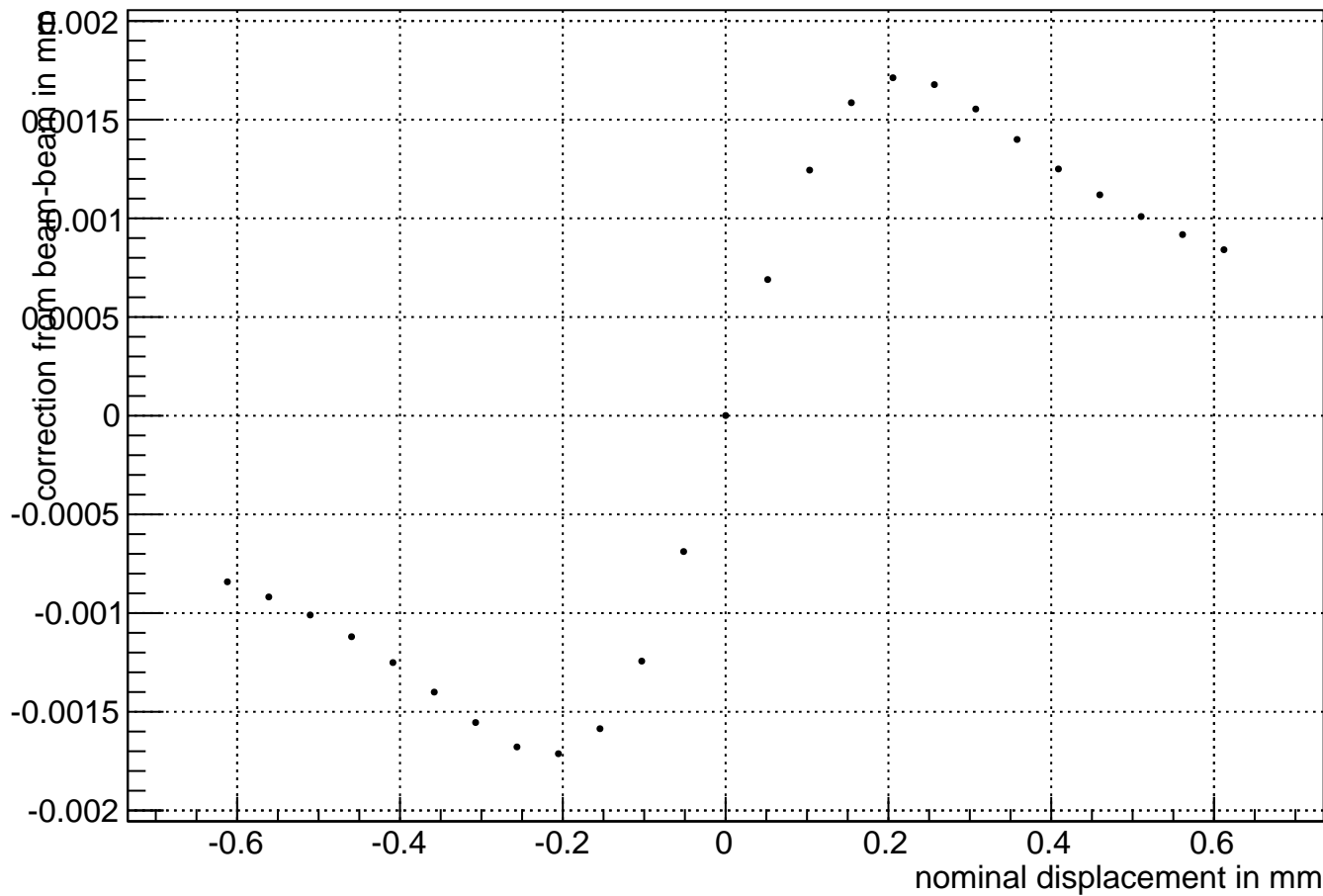


# BeamBeam correction for Y4\_2674

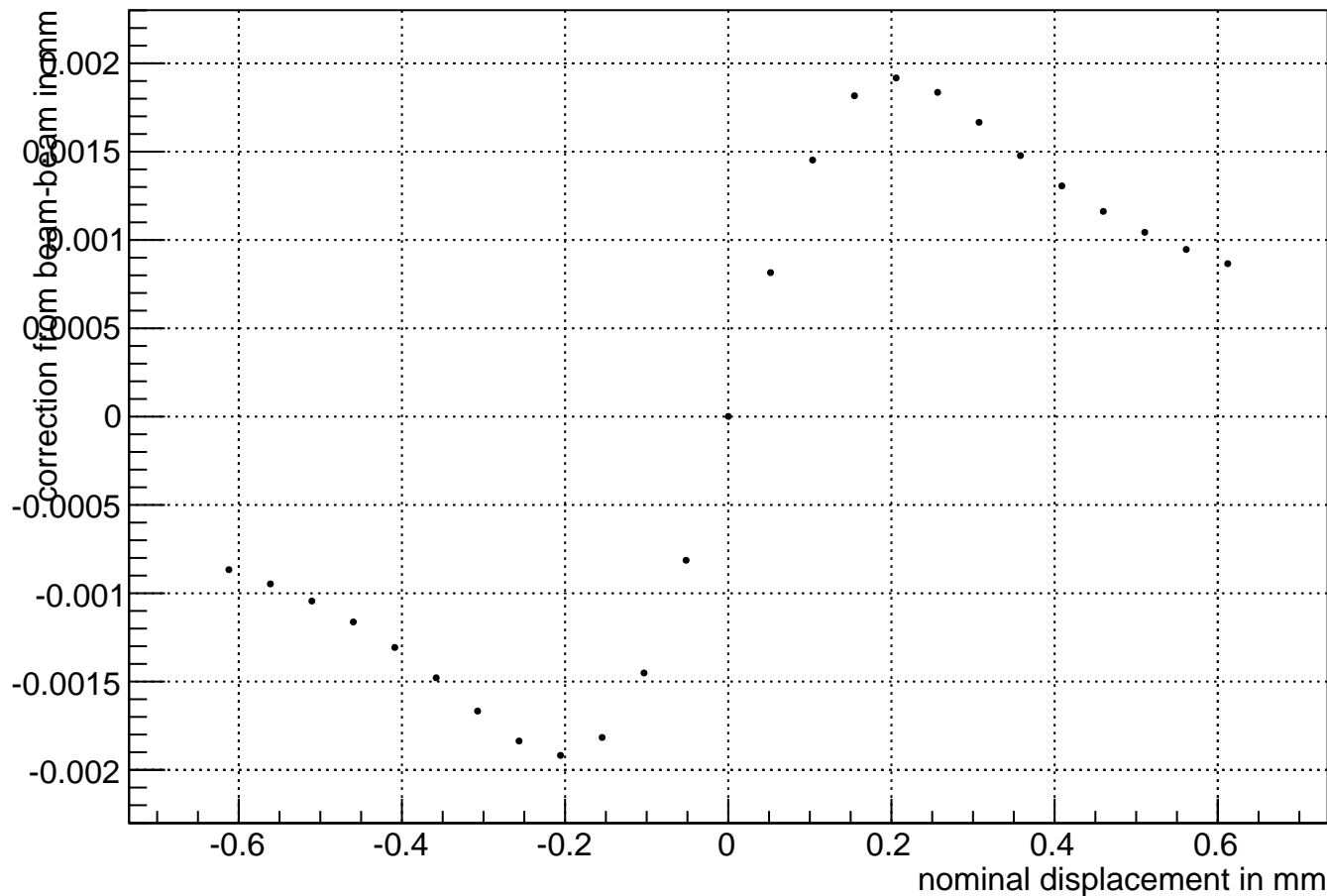




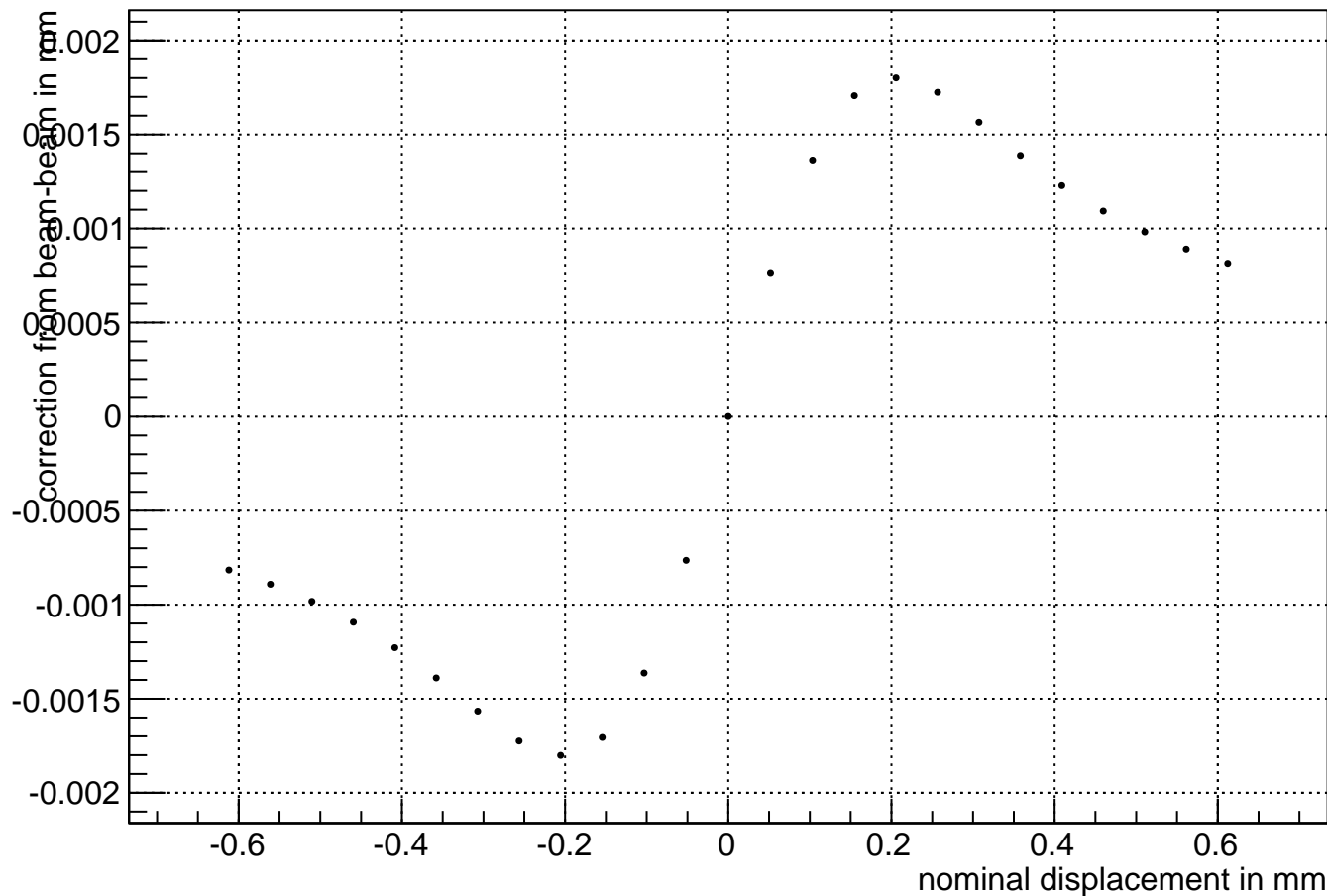
# BeamBeam correction for X5\_1



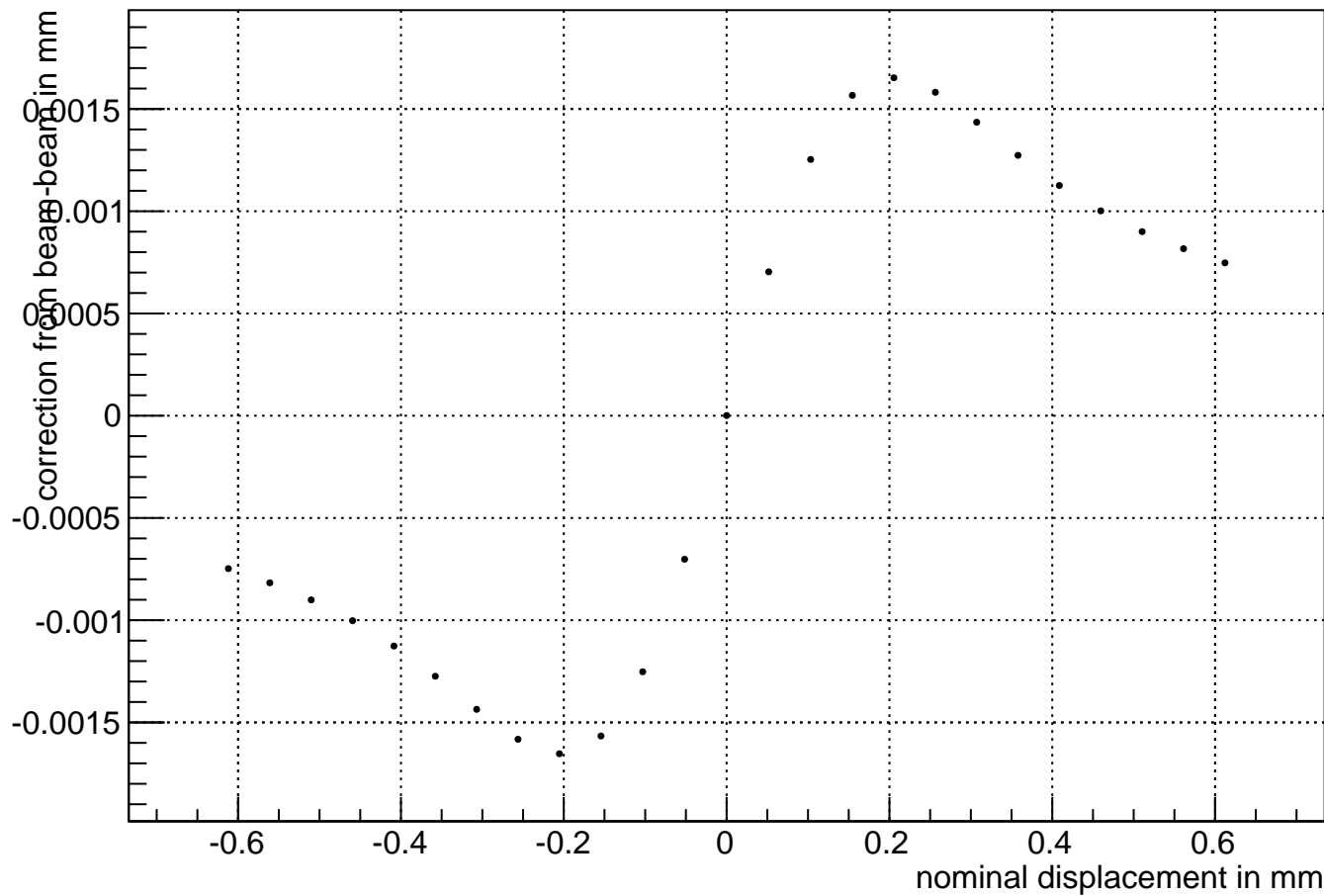
# BeamBeam correction for X5\_51



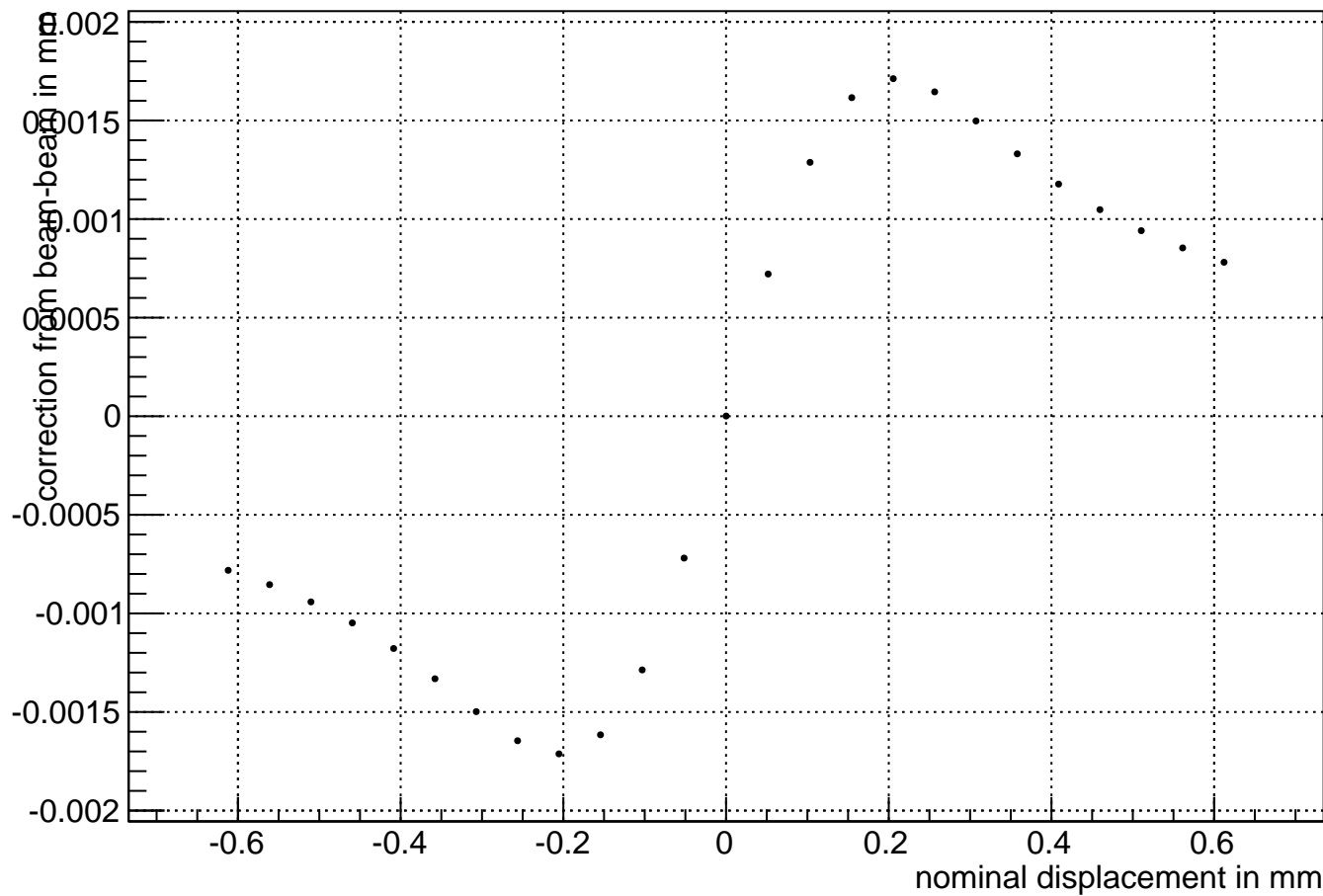
# BeamBeam correction for X5\_91



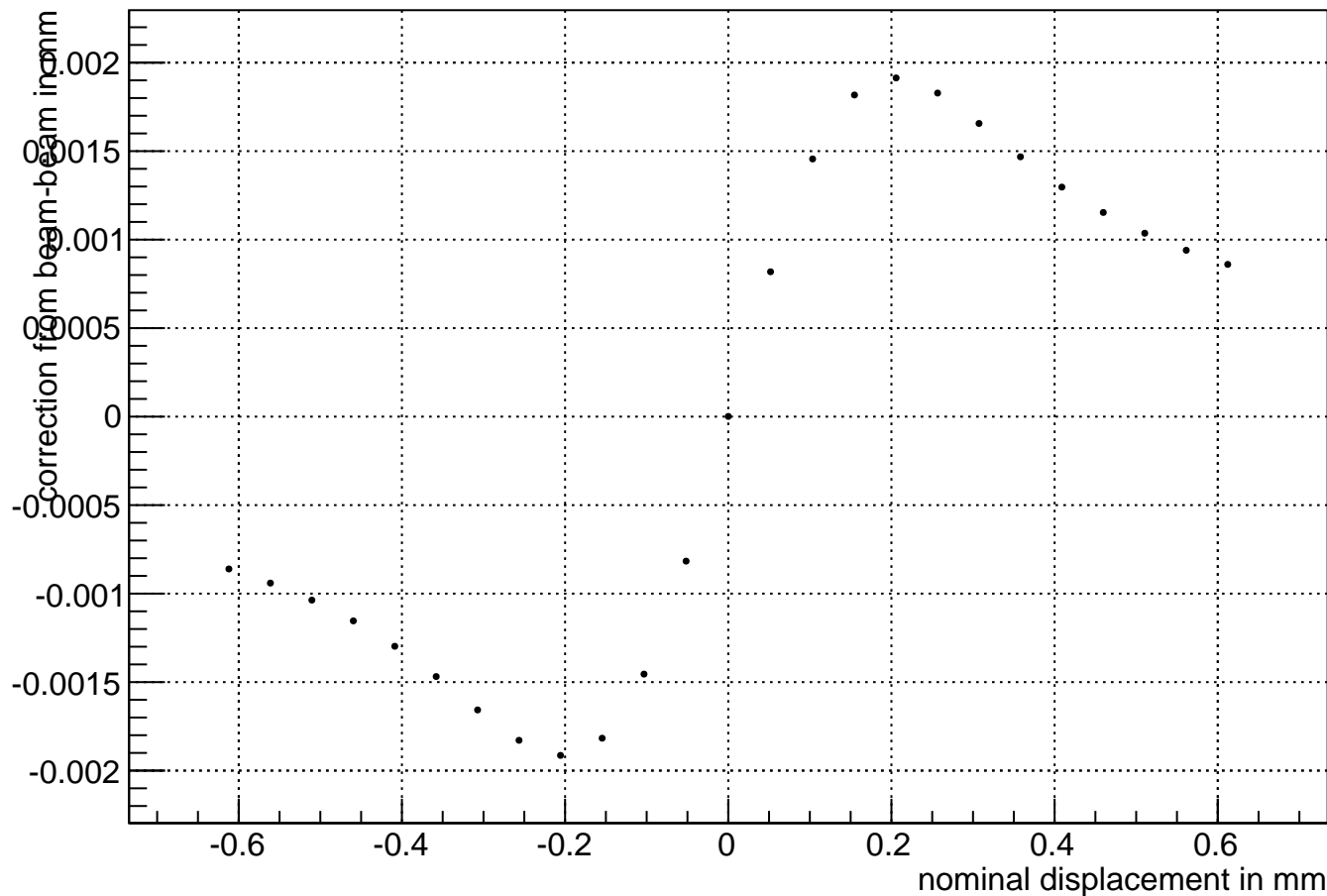
# BeamBeam correction for X5\_131



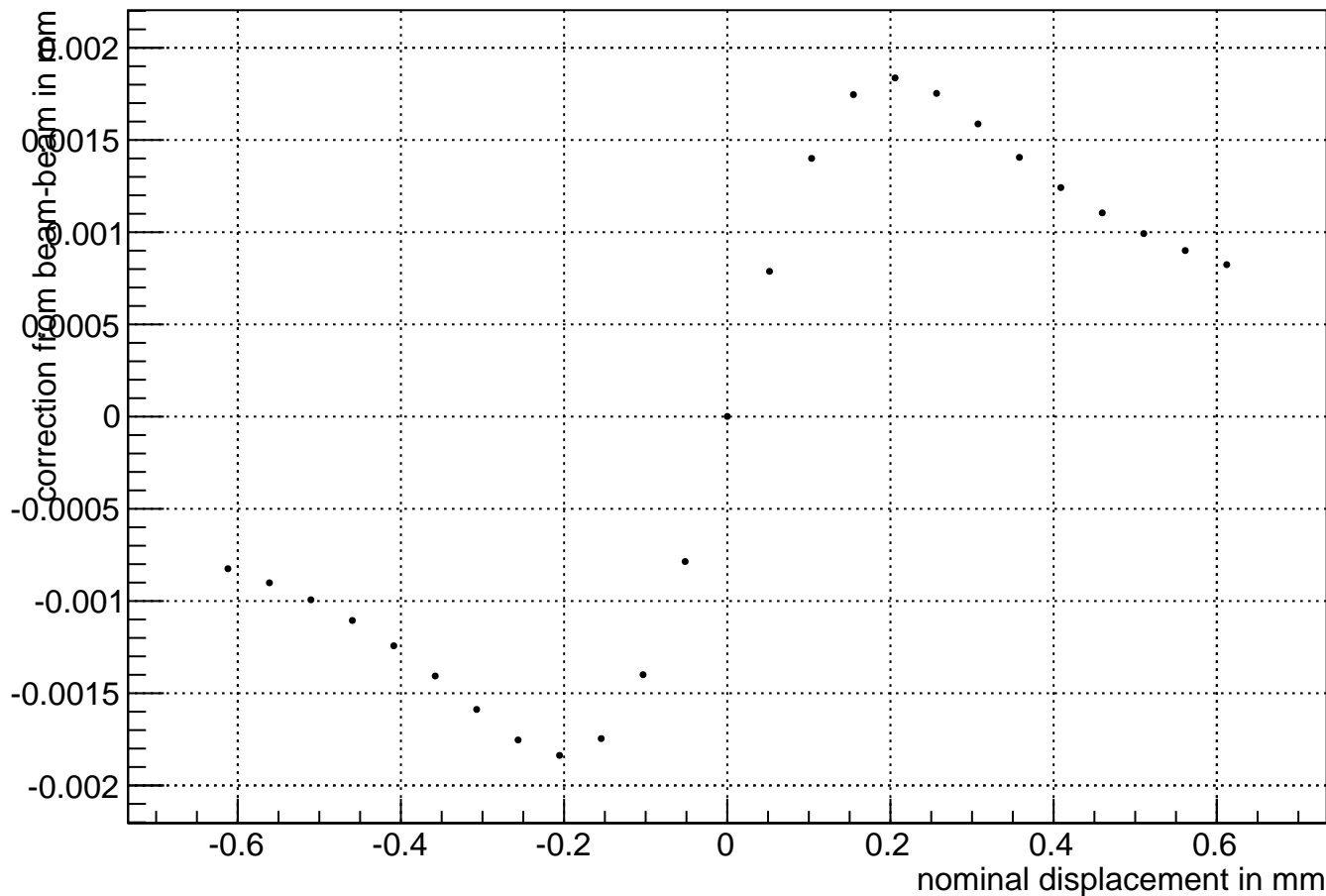
# BeamBeam correction for X5\_171



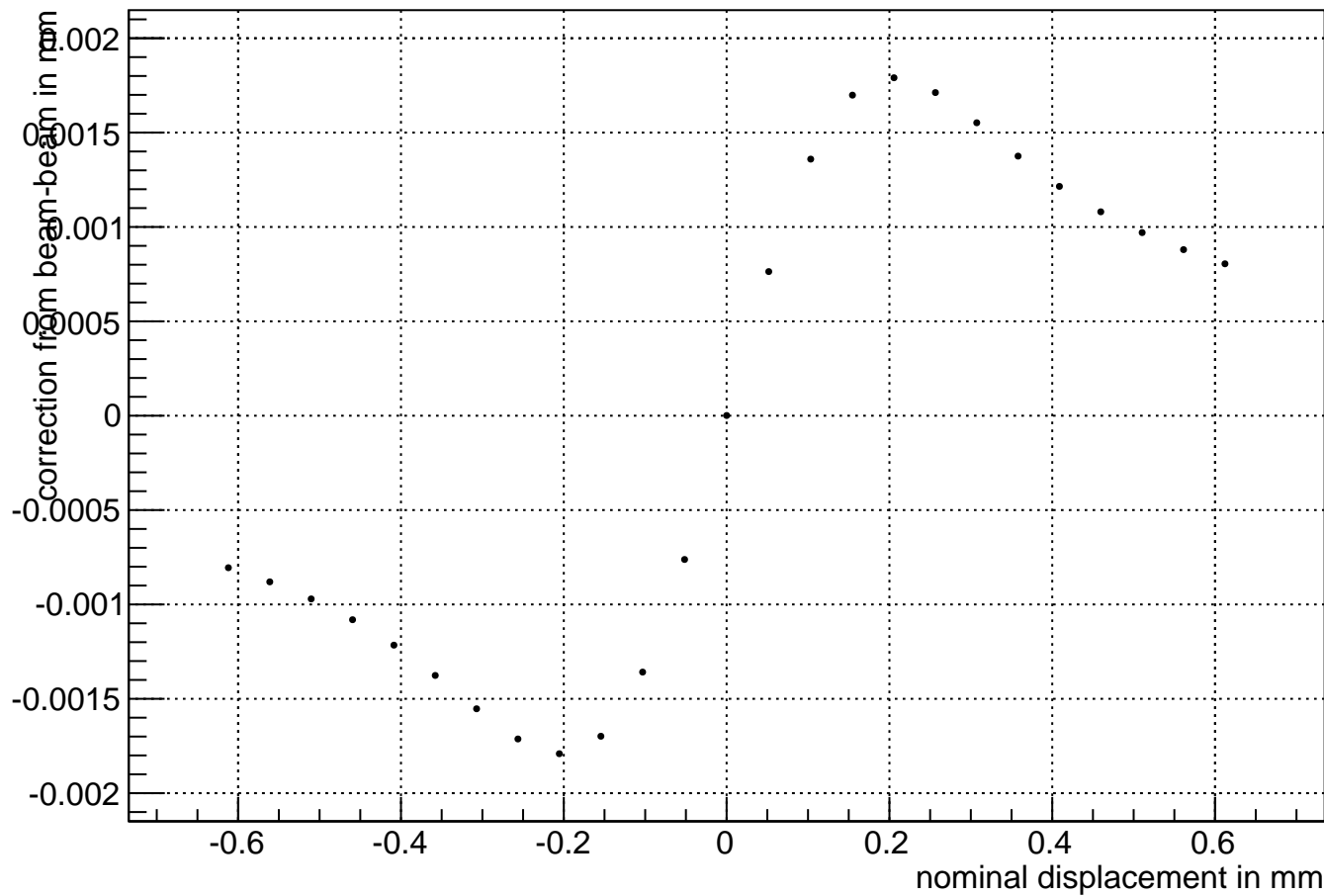
# BeamBeam correction for X5\_211



# BeamBeam correction for X5\_251

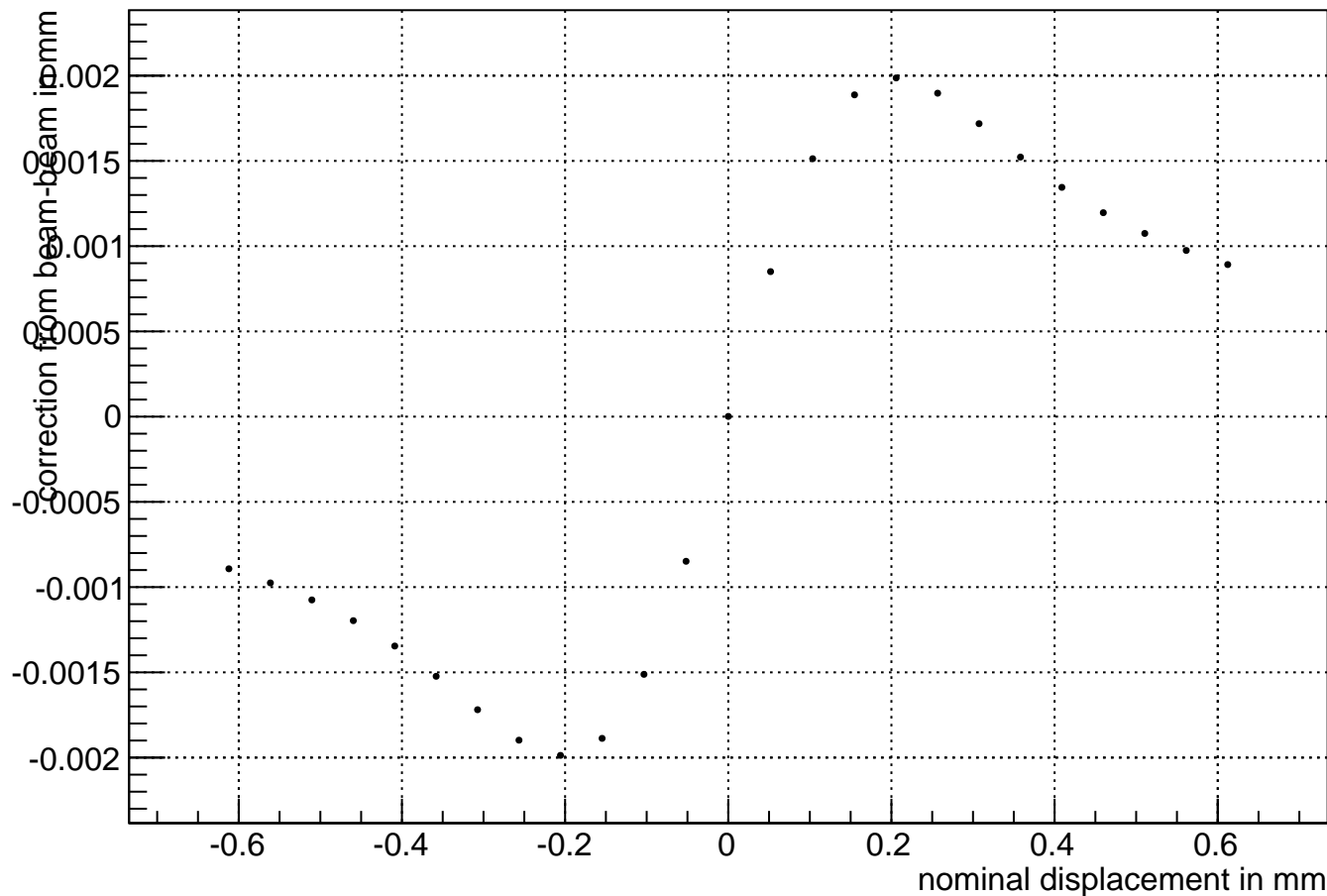


# BeamBeam correction for X5\_291

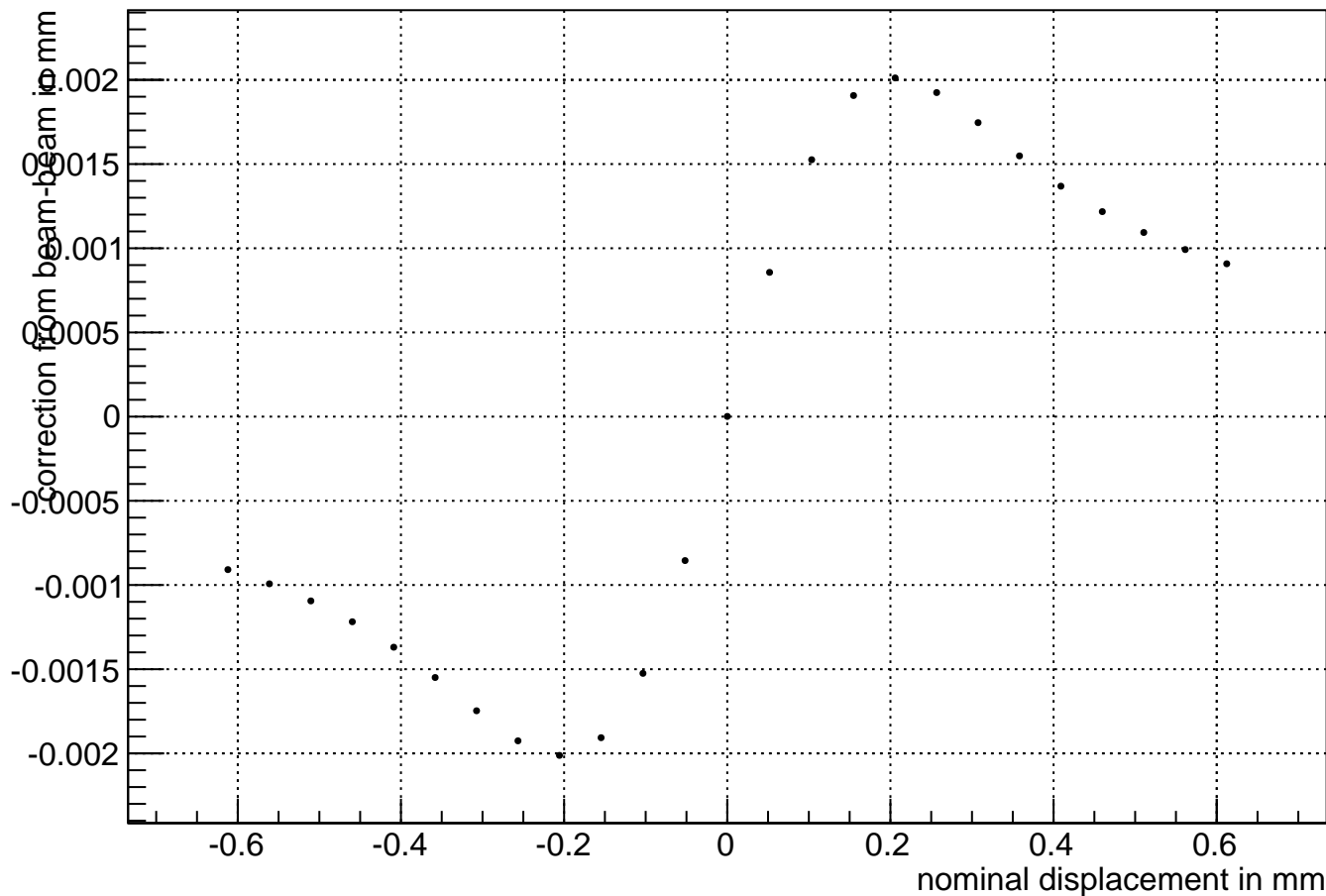




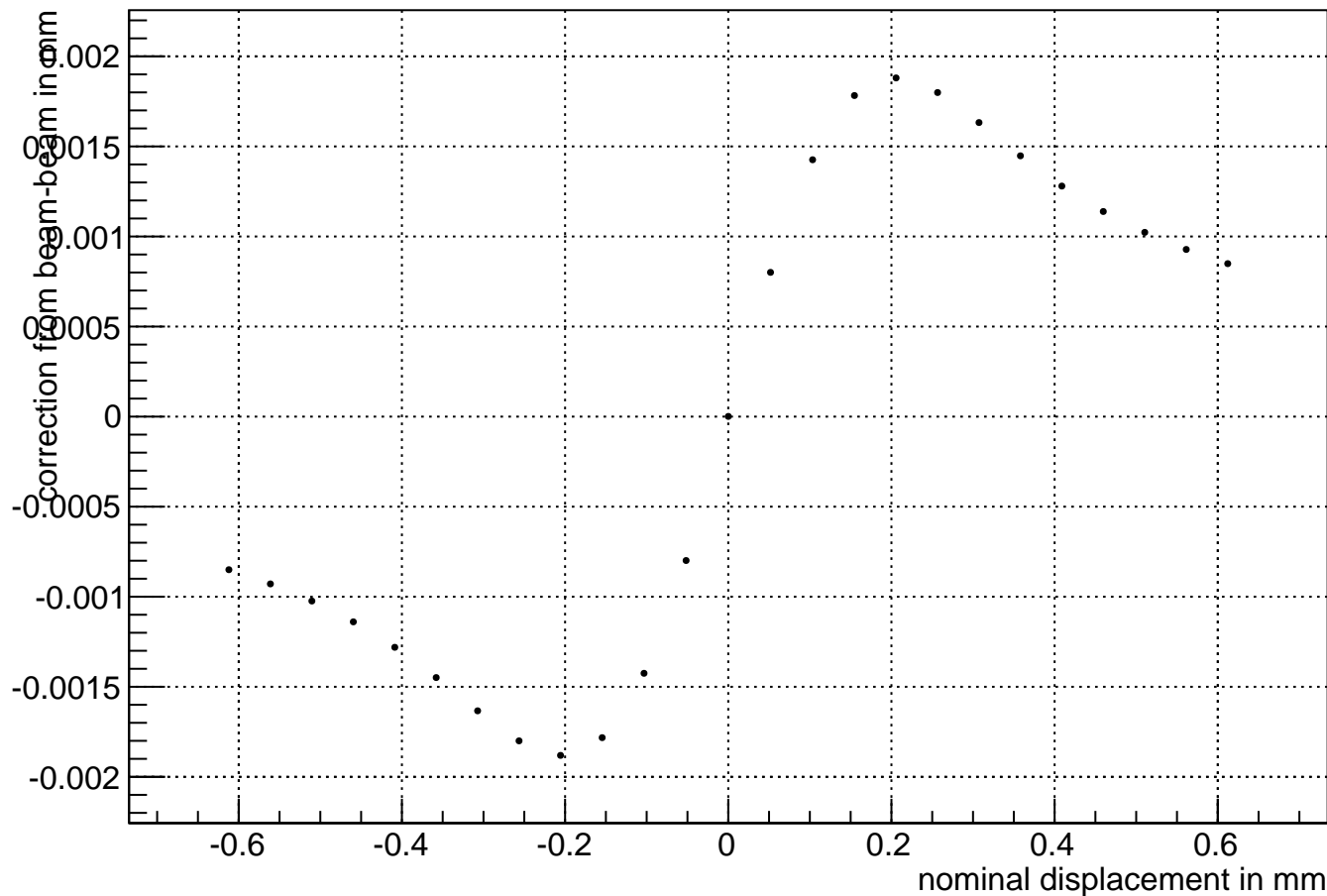
# BeamBeam correction for X5\_771



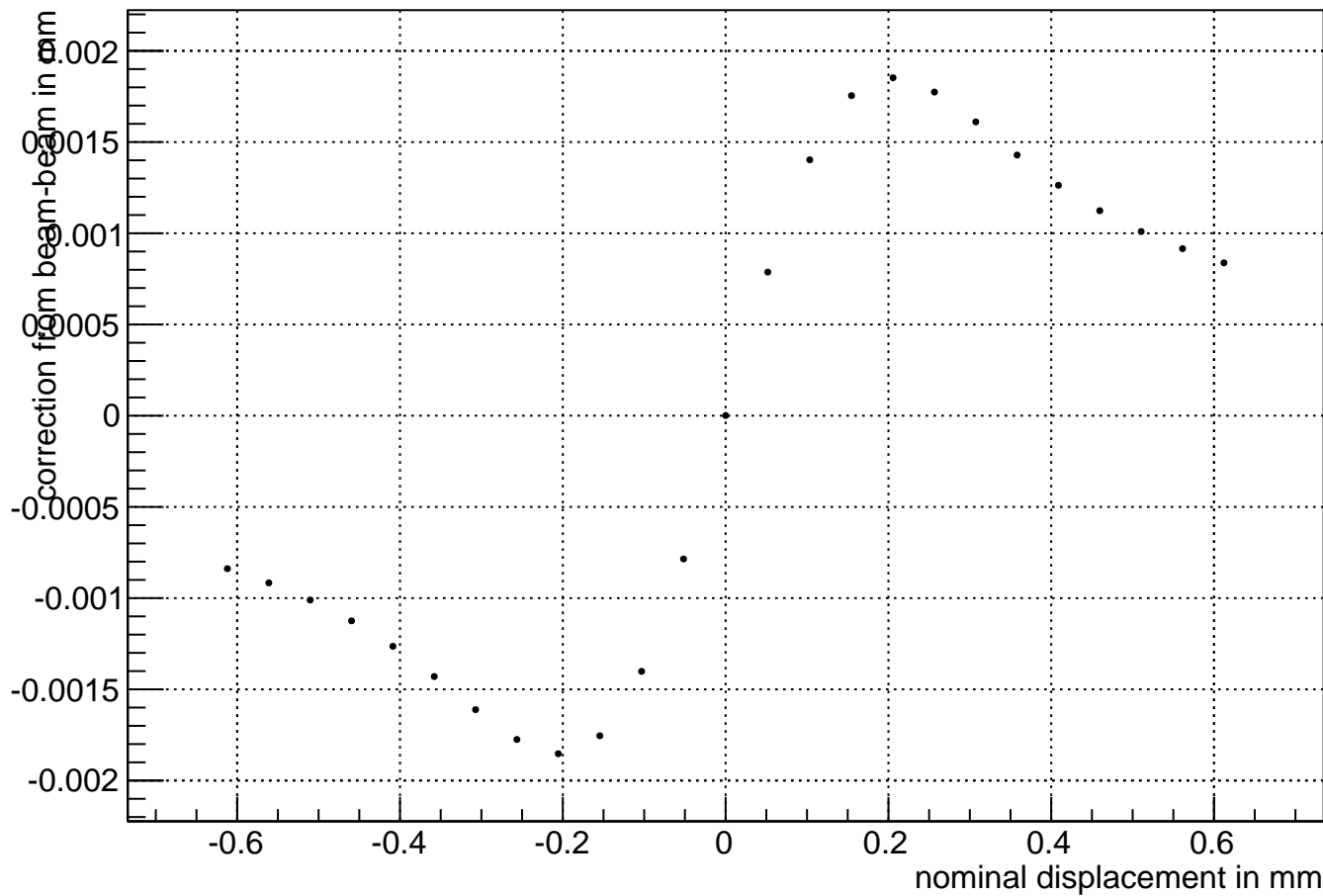
# BeamBeam correction for X5\_811



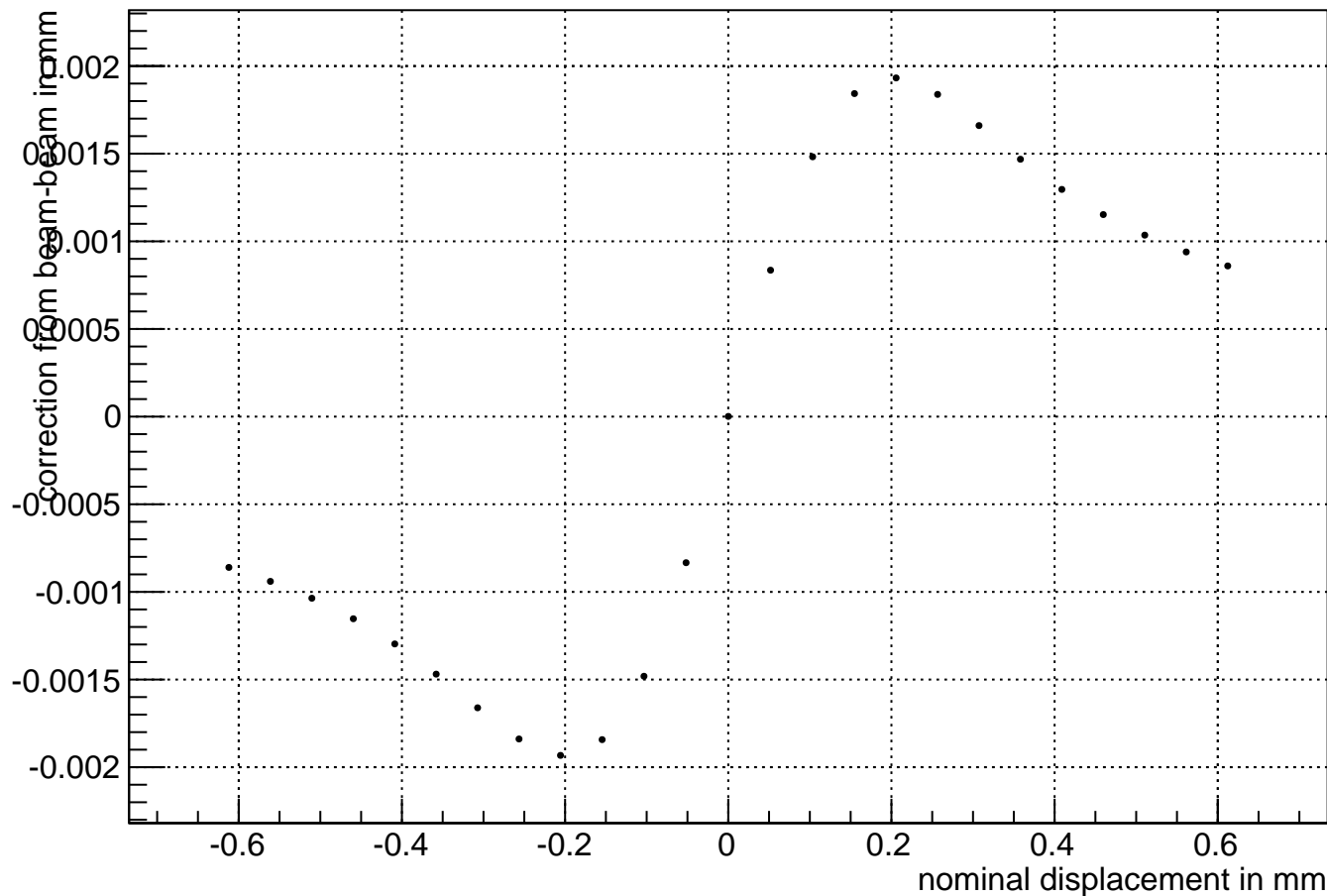
# BeamBeam correction for X5\_851



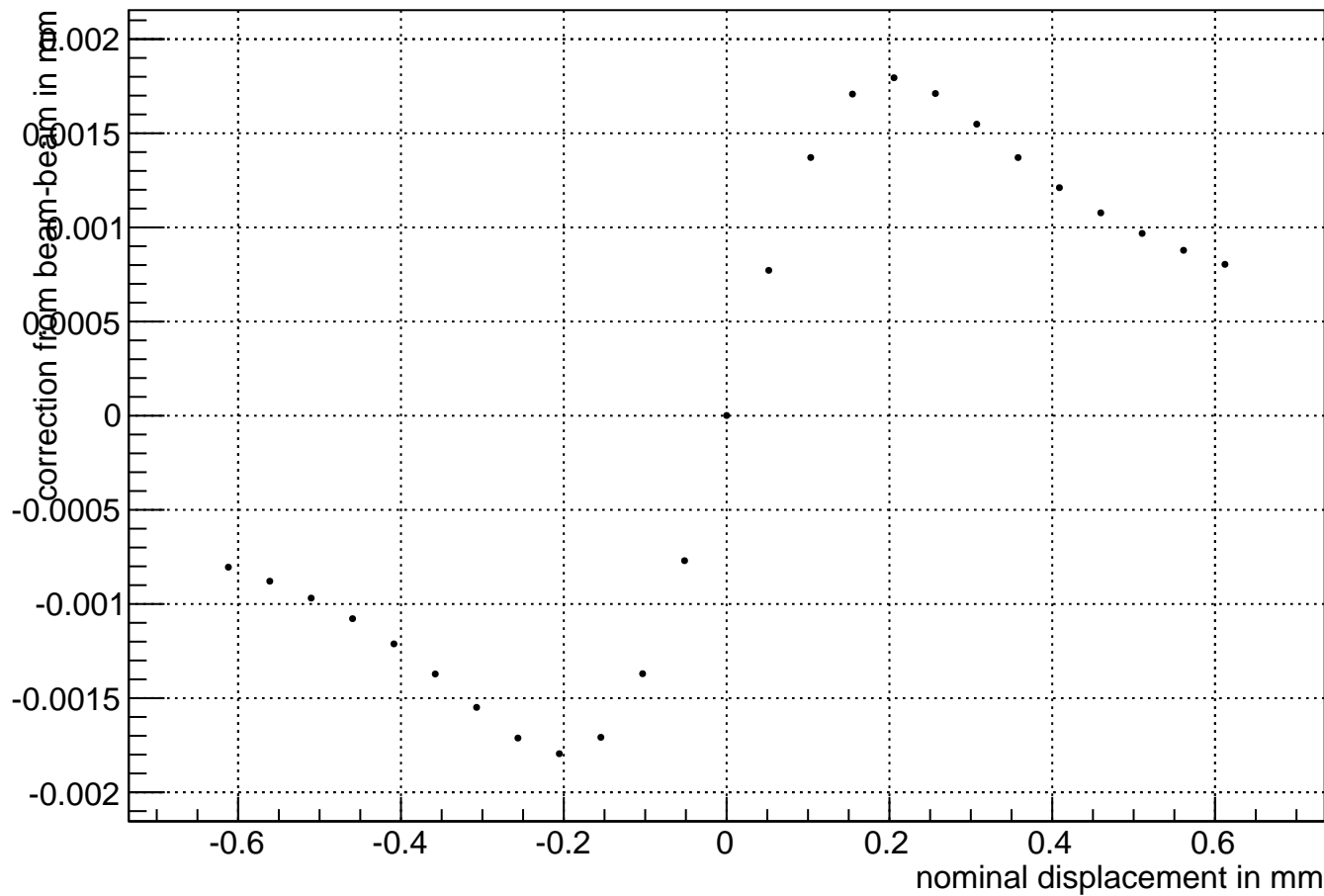
# BeamBeam correction for X5\_891



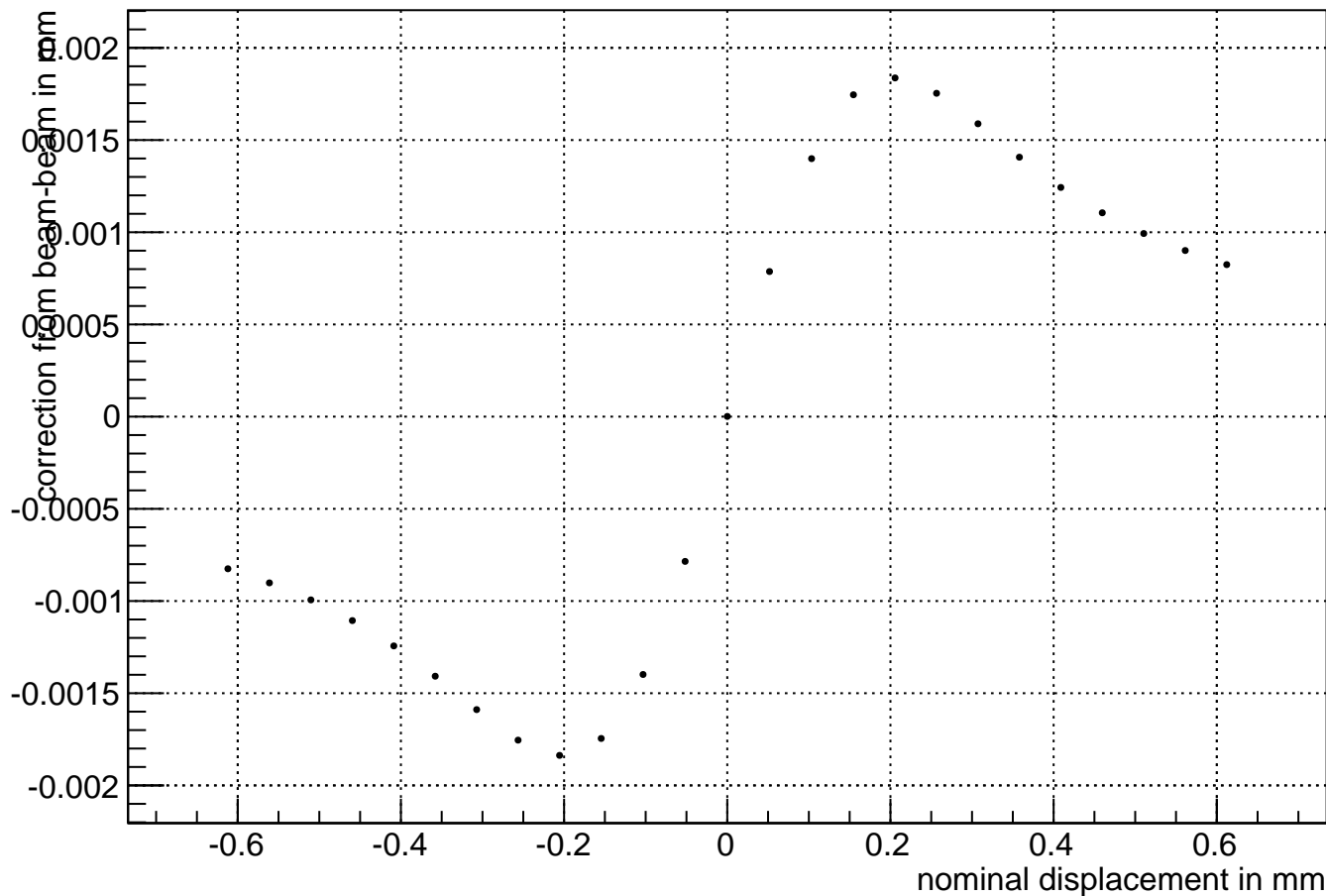
# BeamBeam correction for X5\_931



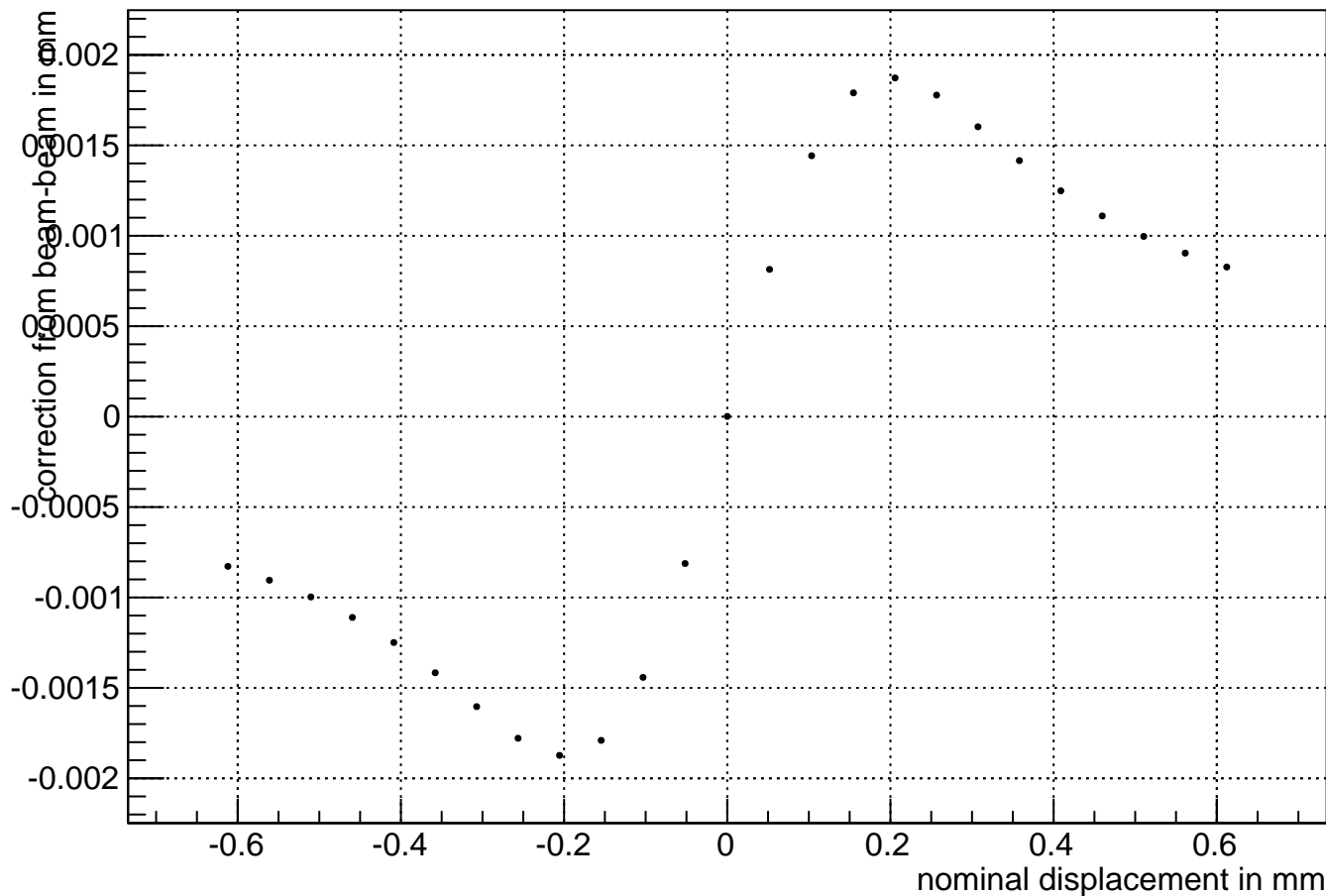
# BeamBeam correction for X5\_971



# BeamBeam correction for X5\_1011

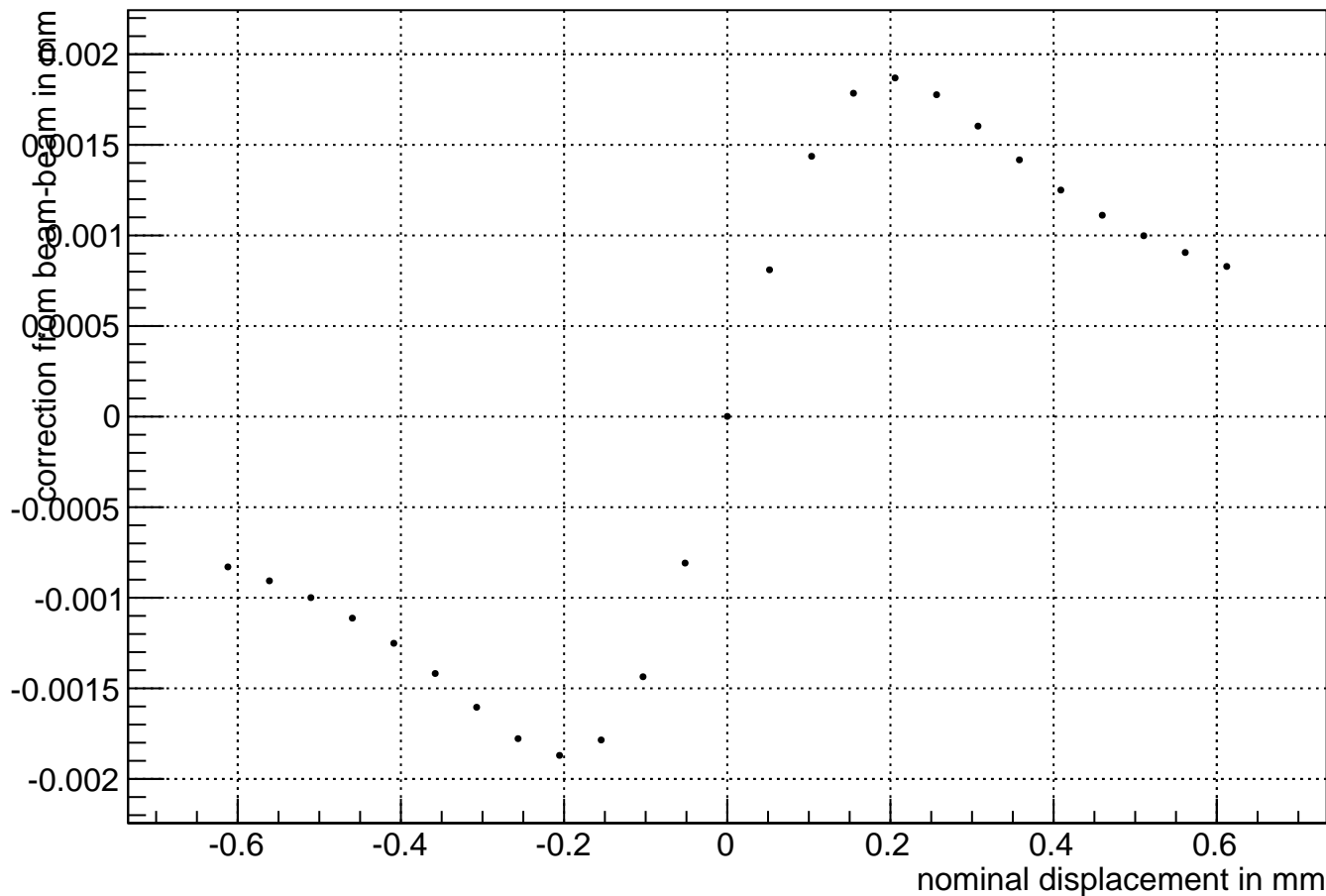


# BeamBeam correction for X5\_1631

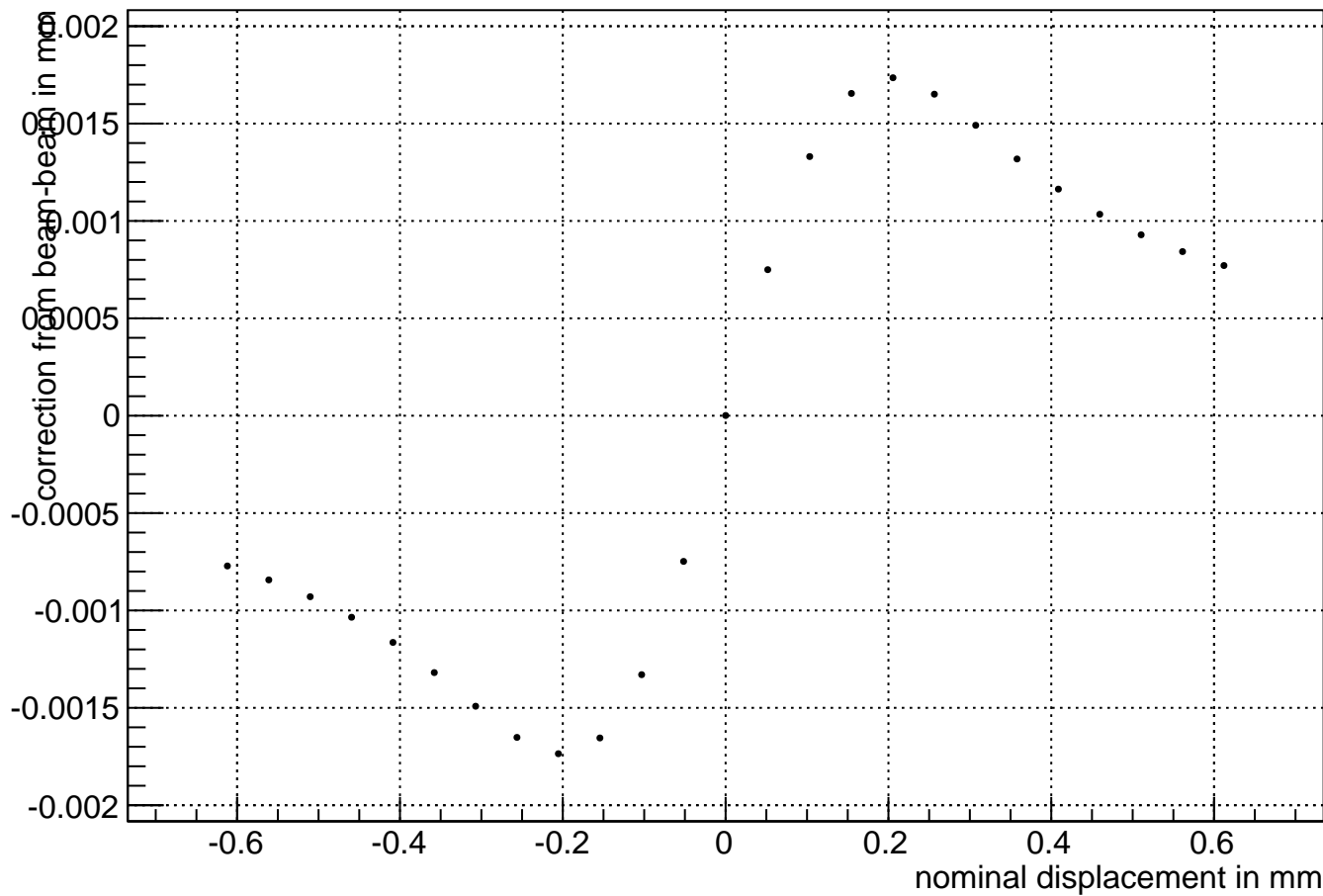




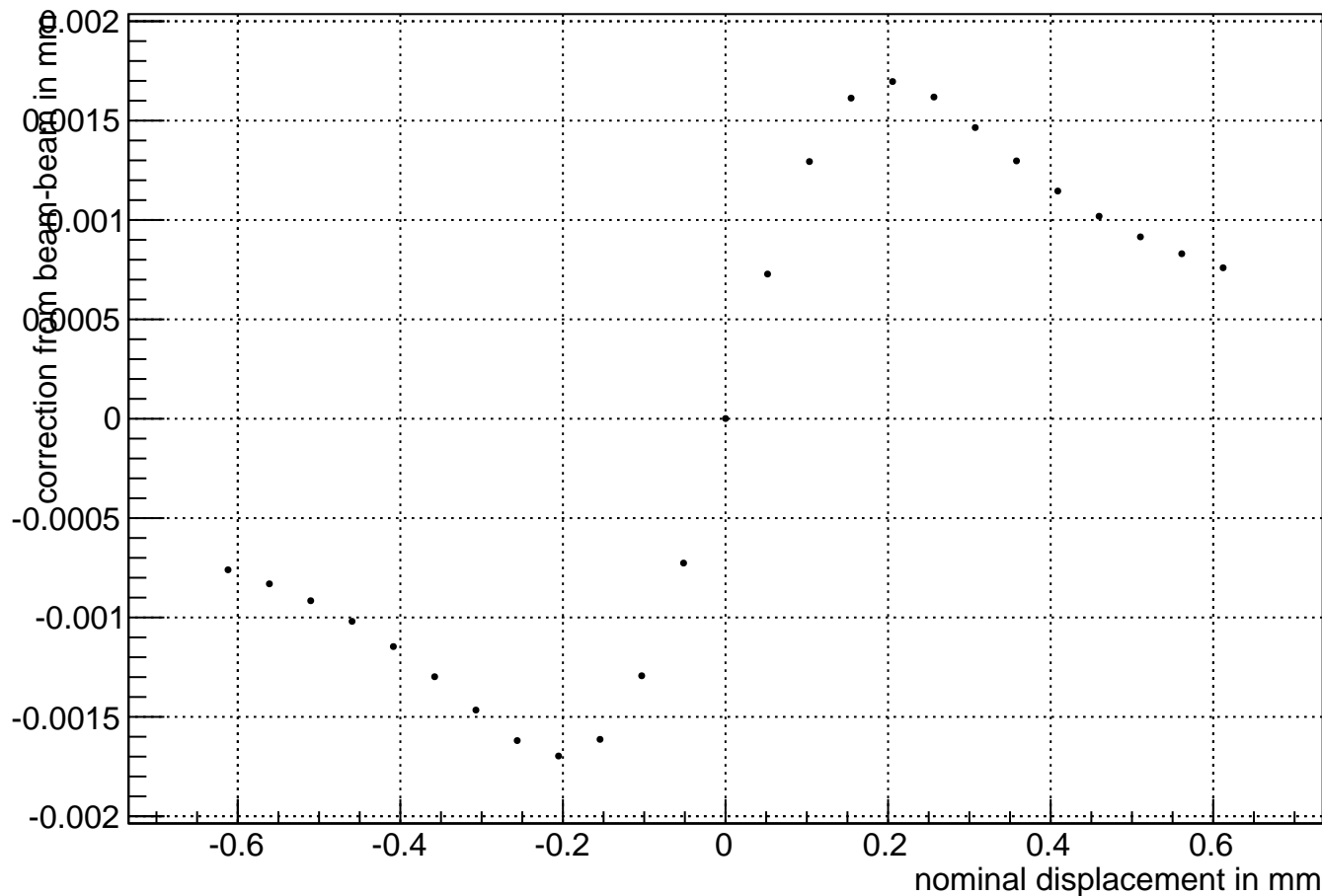
# BeamBeam correction for X5\_1671



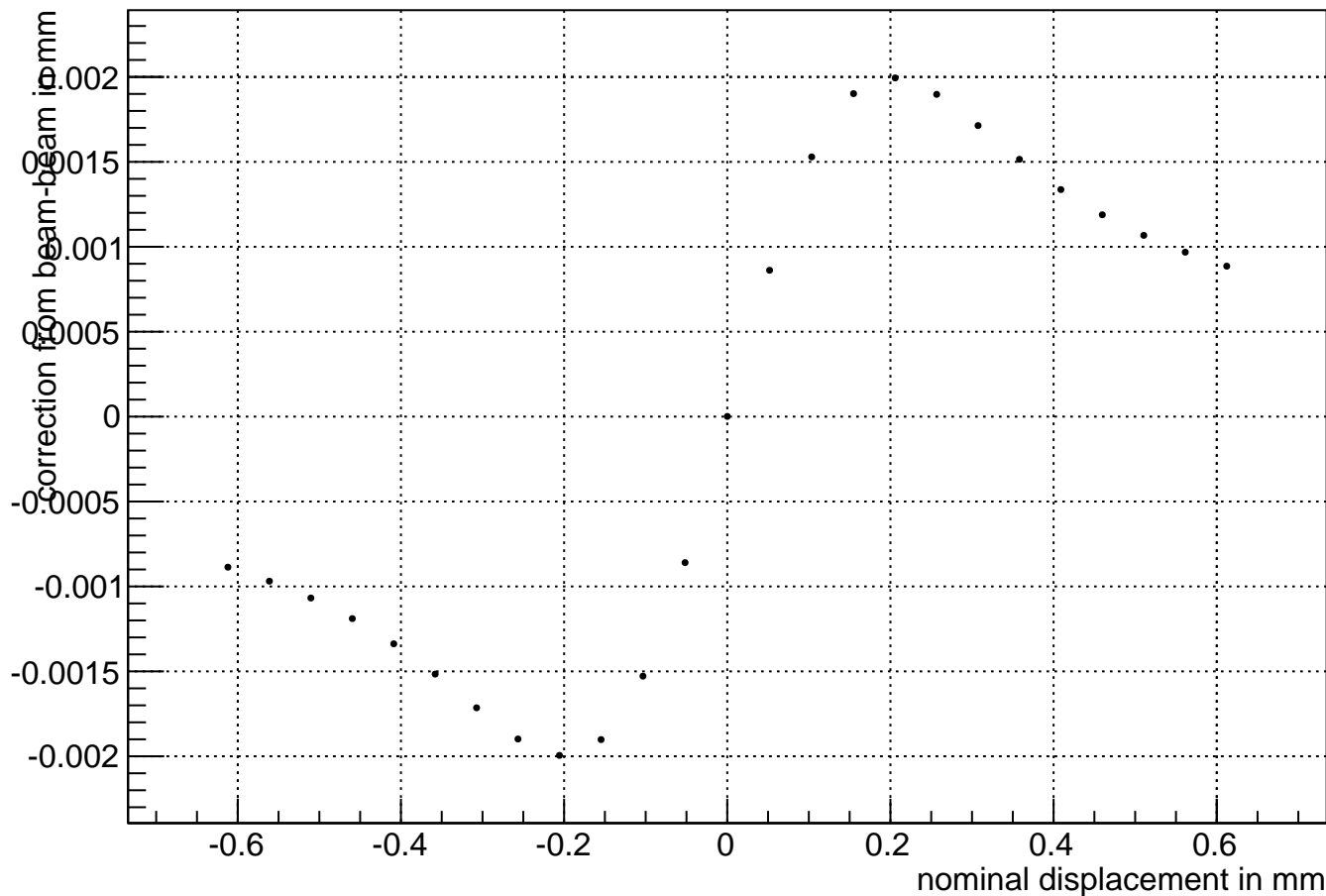
# BeamBeam correction for X5\_1711



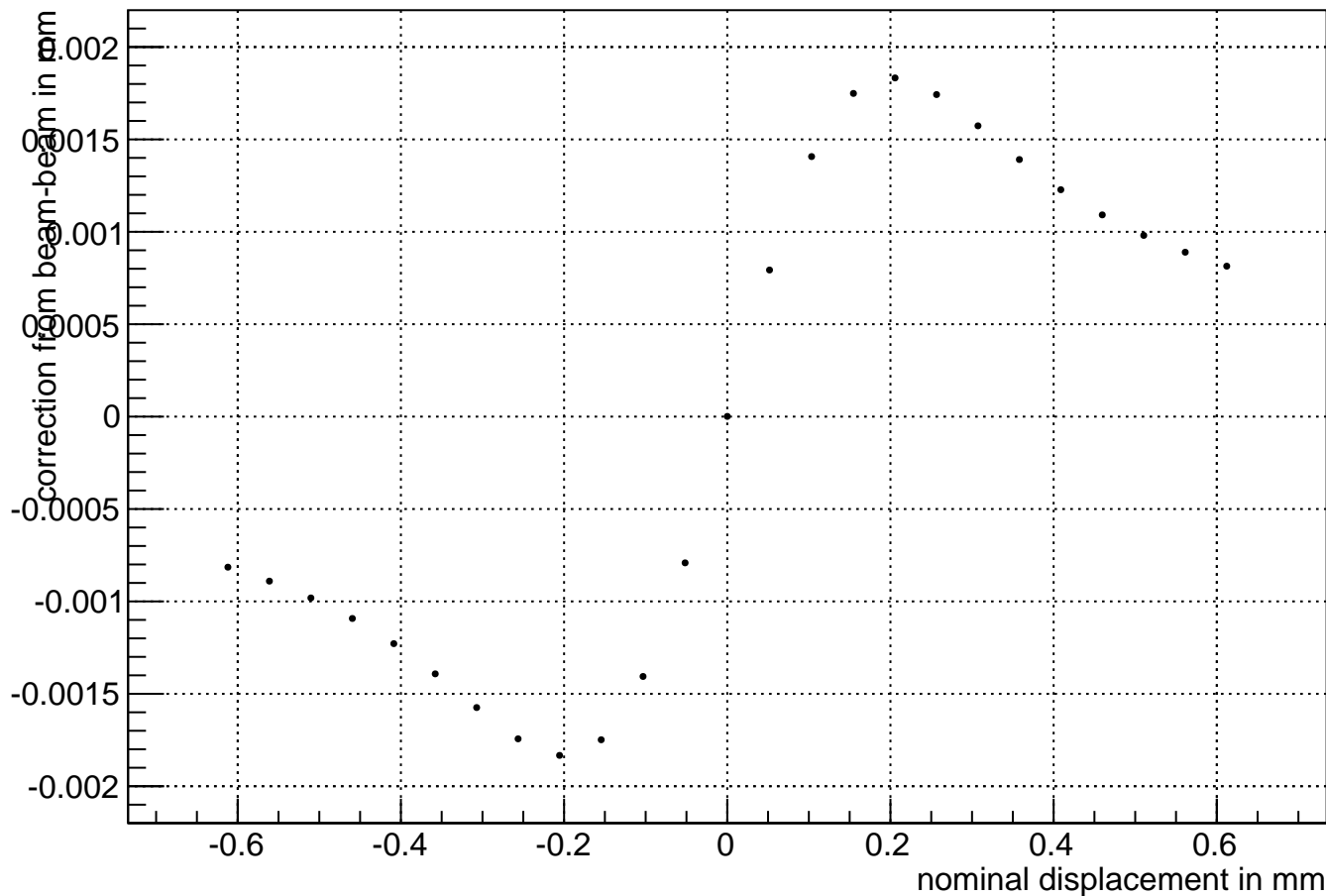
# BeamBeam correction for X5\_1751



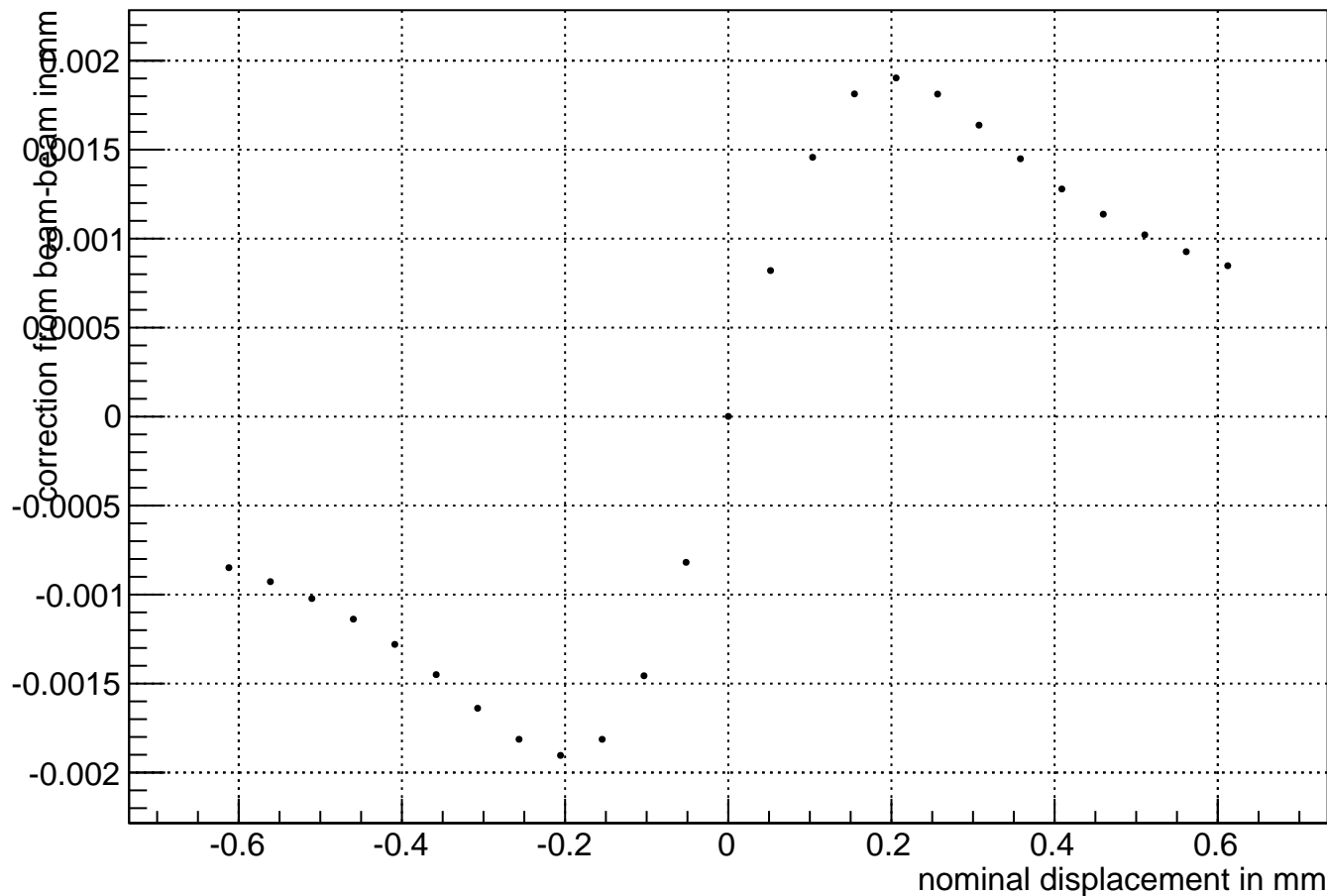
# BeamBeam correction for X5\_1791



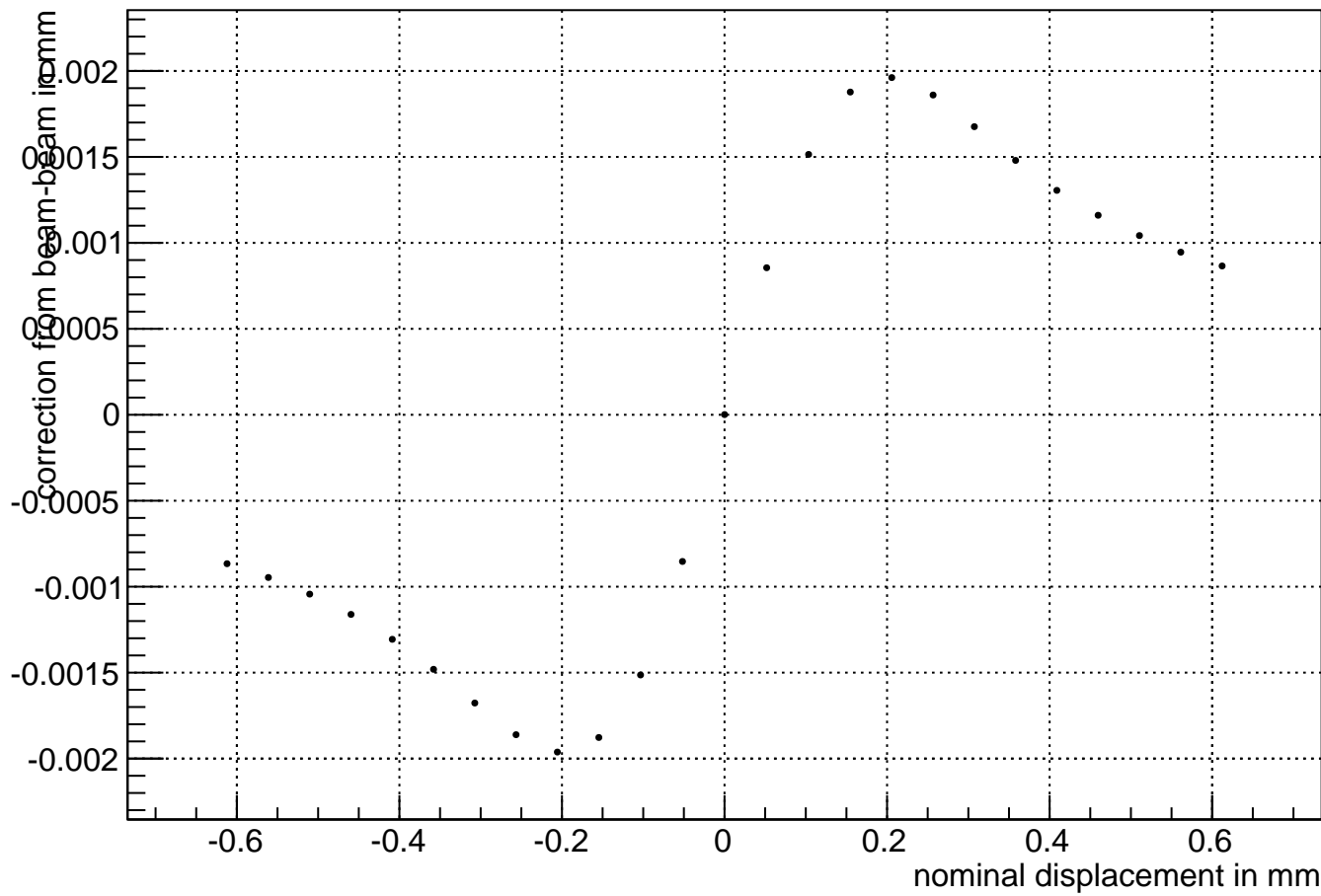
# BeamBeam correction for X5\_1831



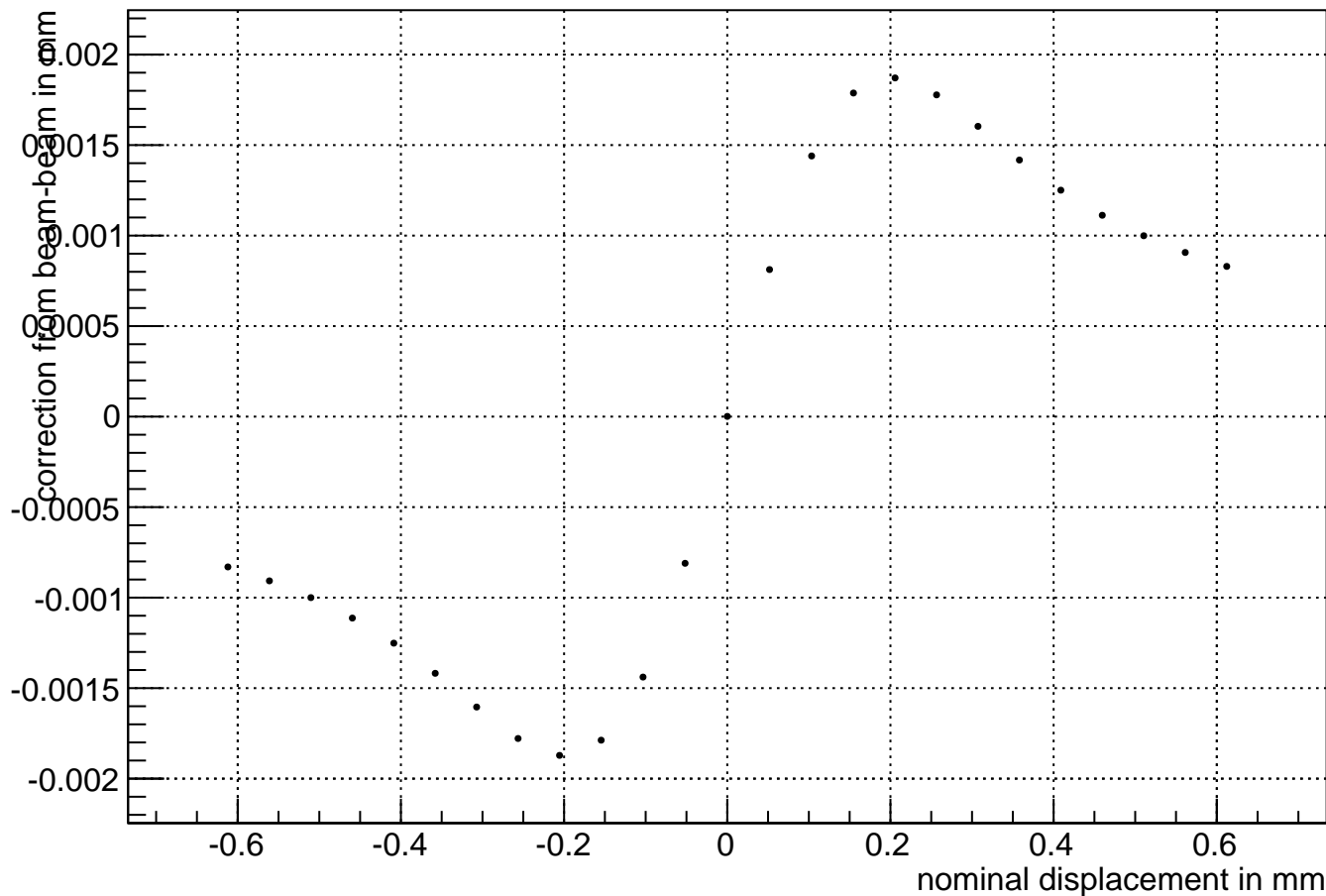
# BeamBeam correction for X5\_1871



# BeamBeam correction for X5\_2211

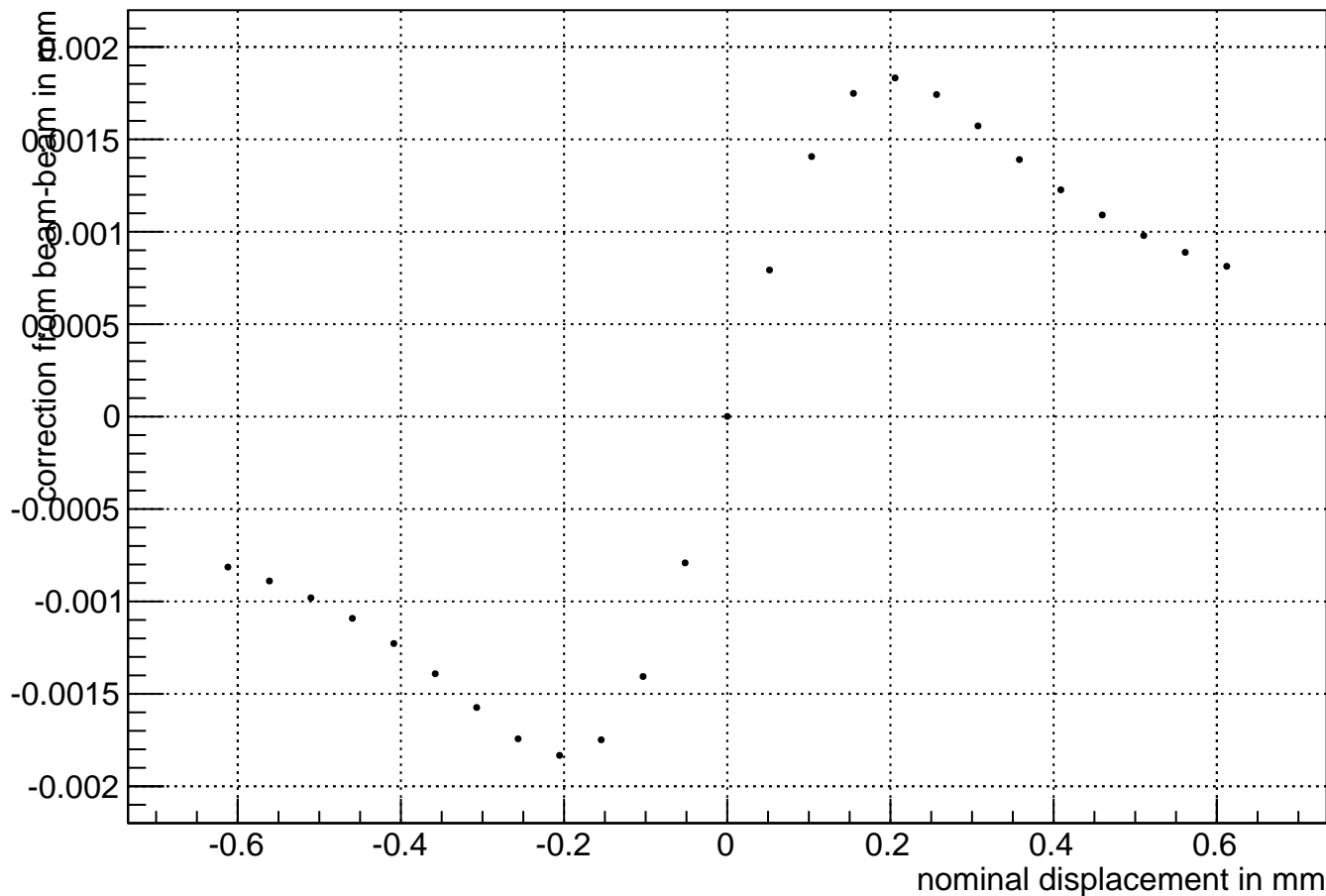


# BeamBeam correction for X5\_2251

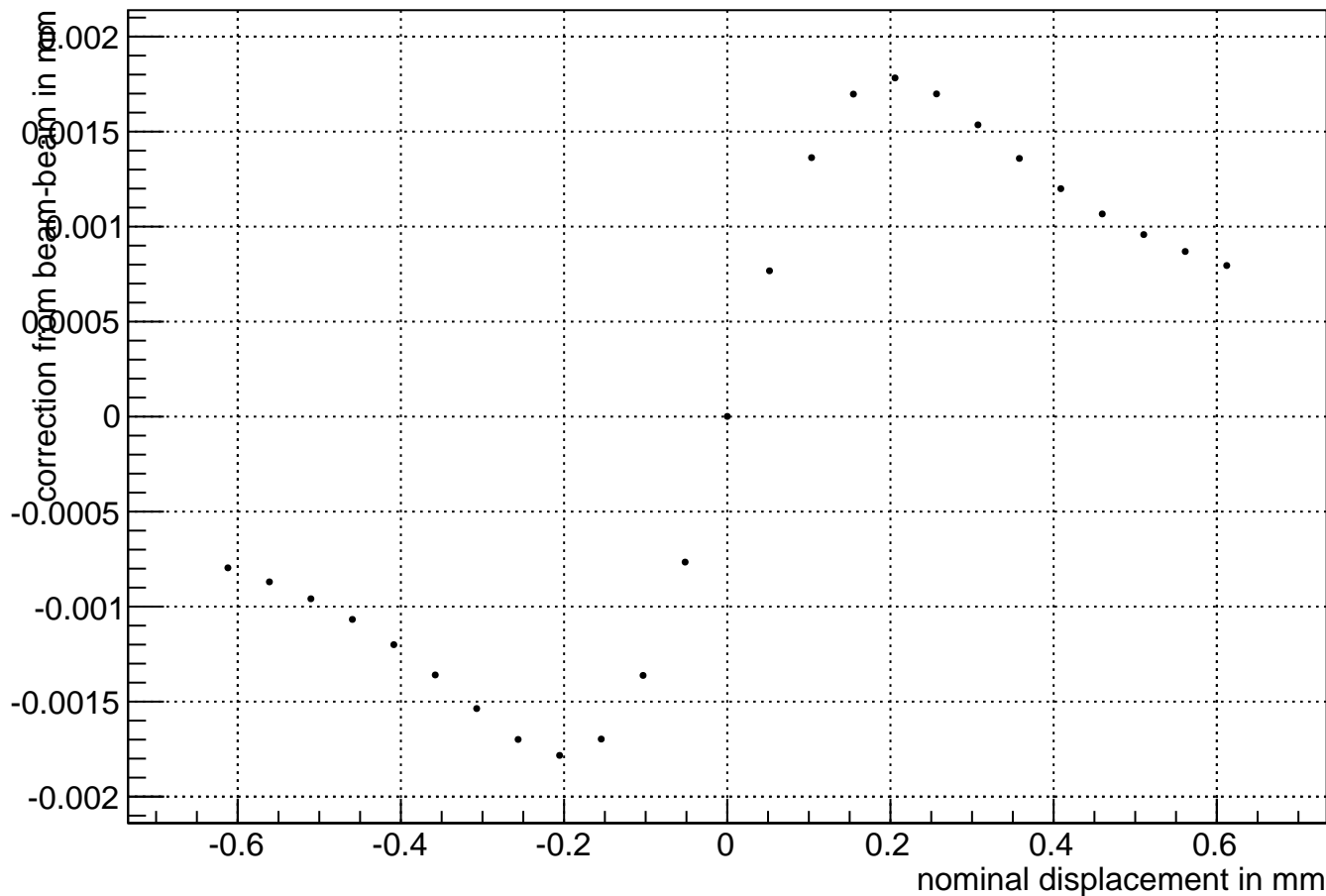




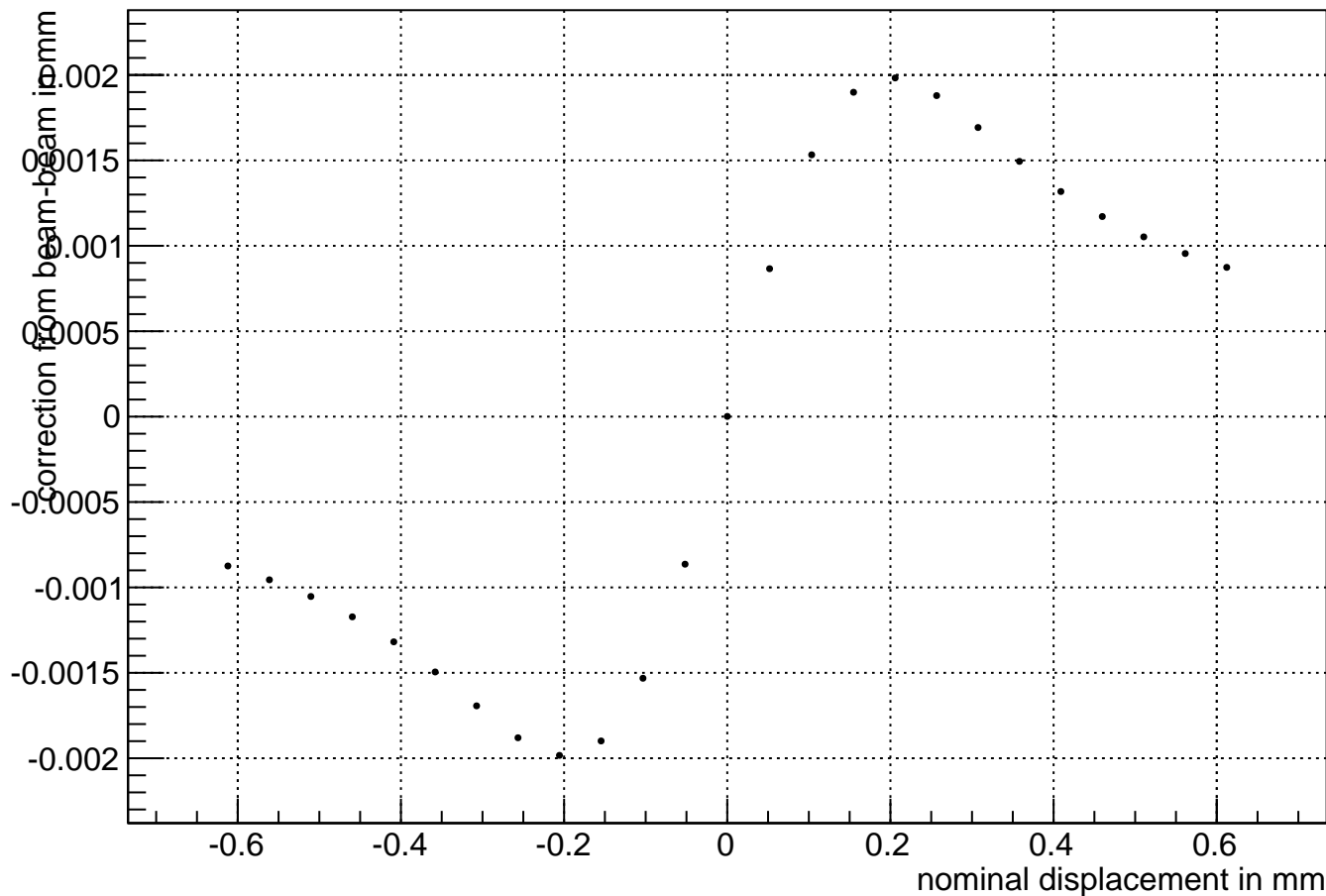
# BeamBeam correction for X5\_2291



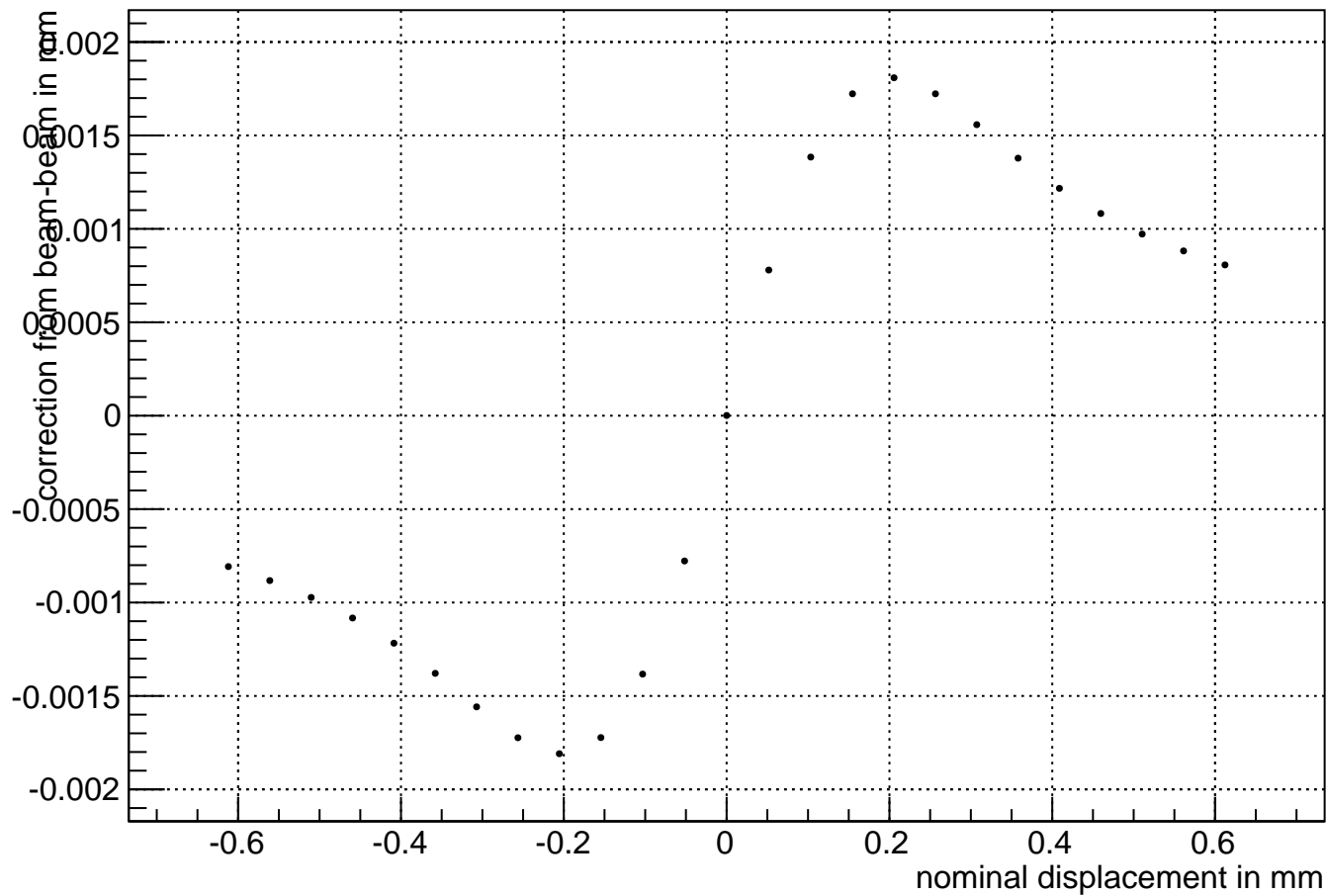
# BeamBeam correction for X5\_2331



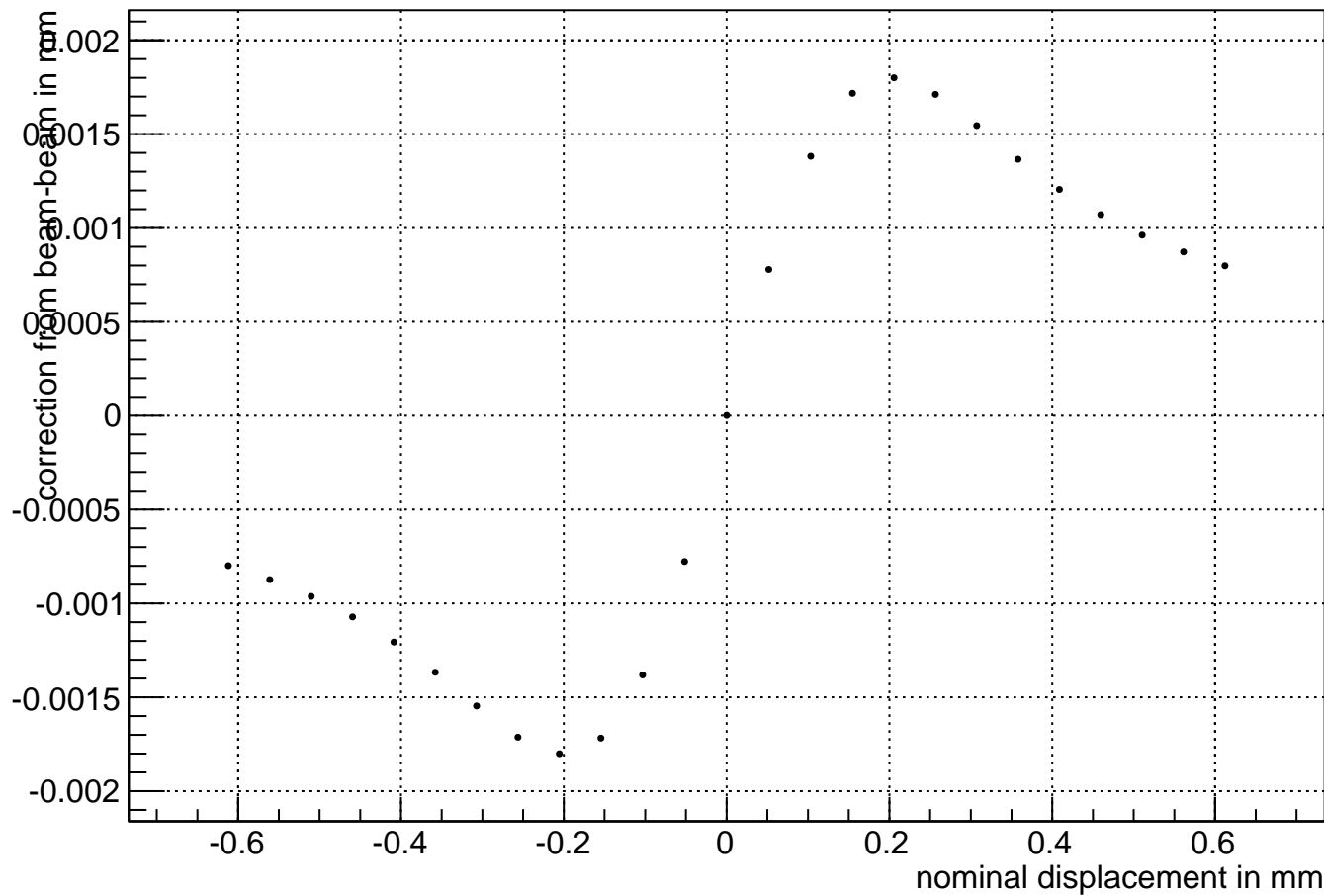
# BeamBeam correction for X5\_2371



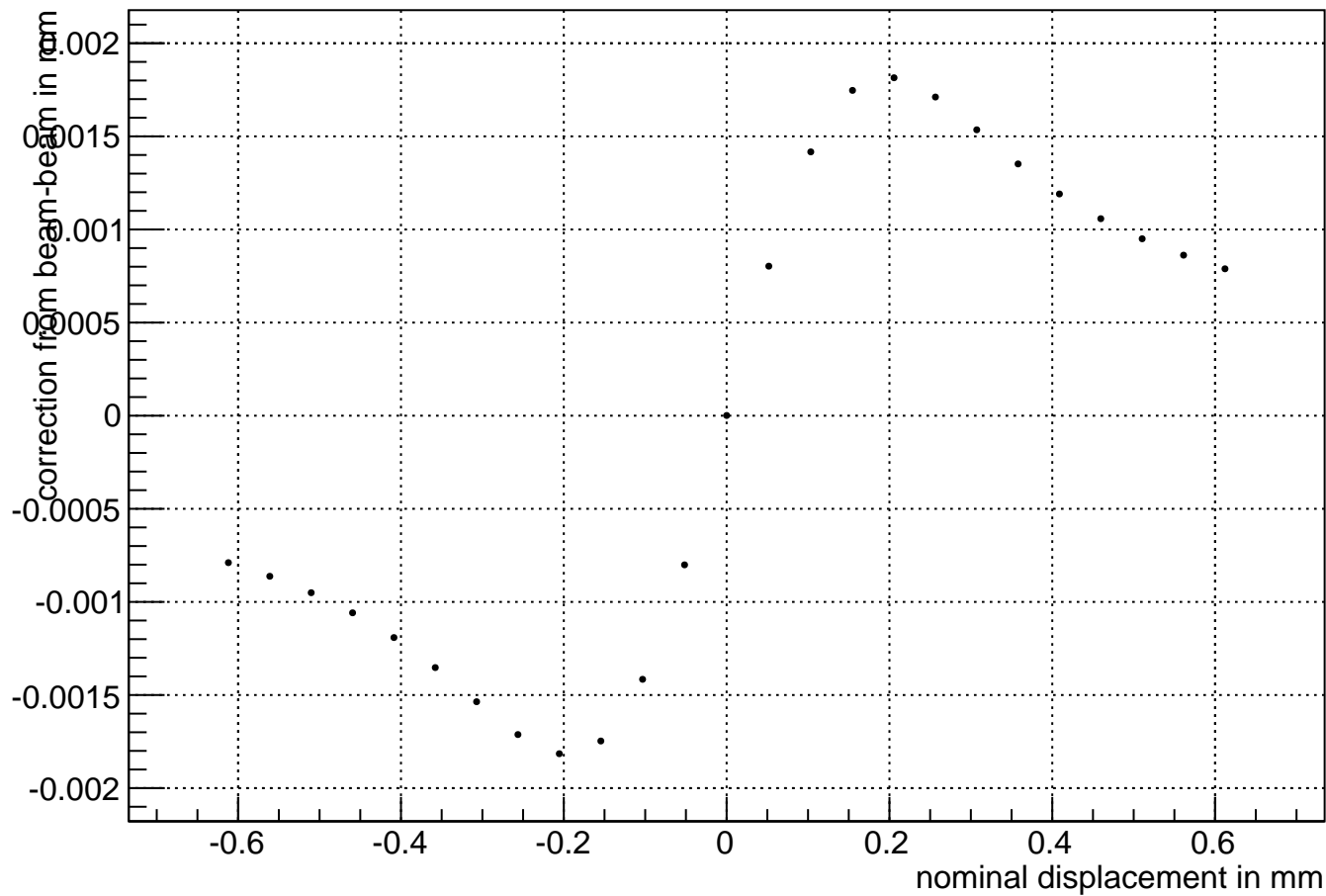
# BeamBeam correction for X5\_2411



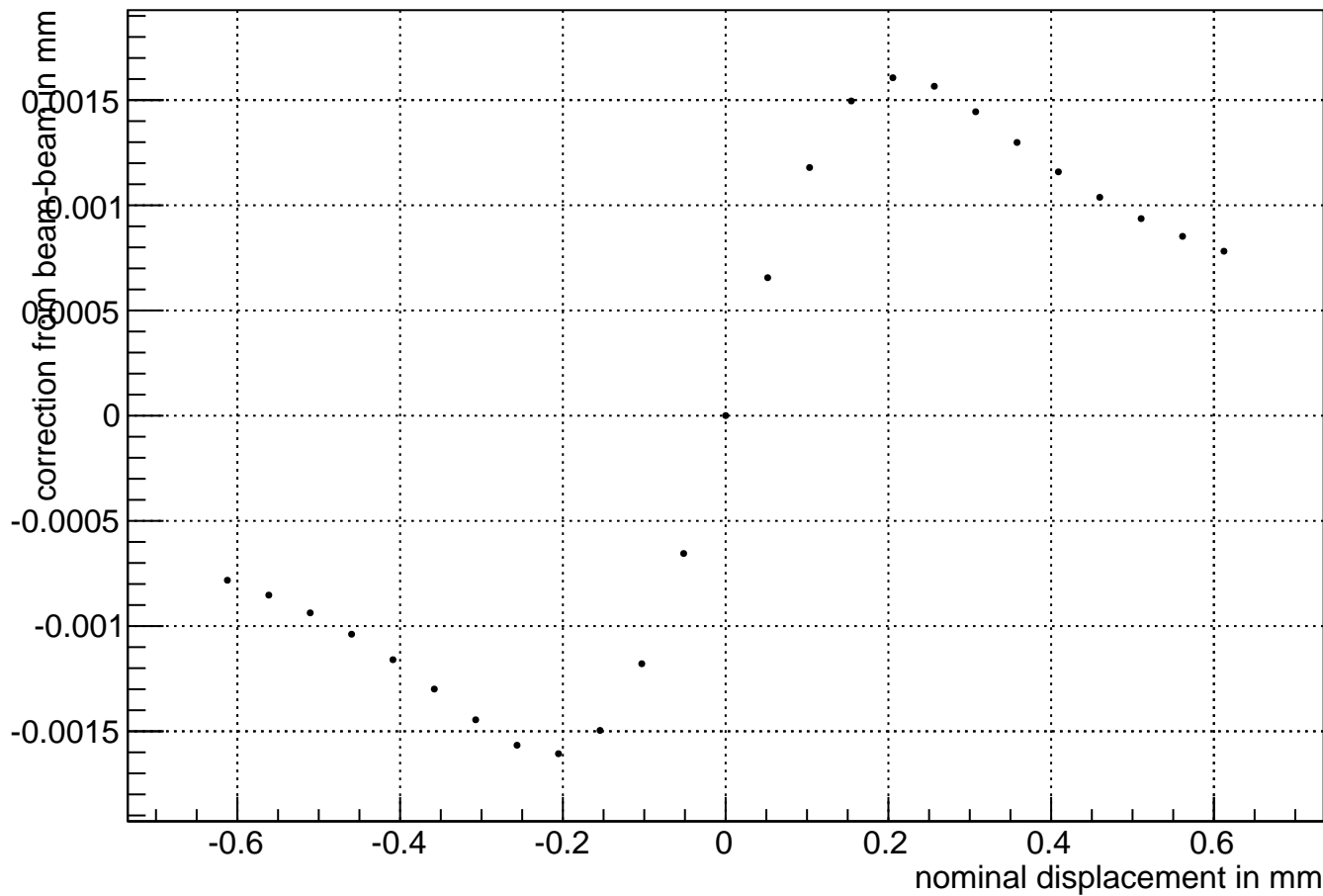
# BeamBeam correction for X5\_2451



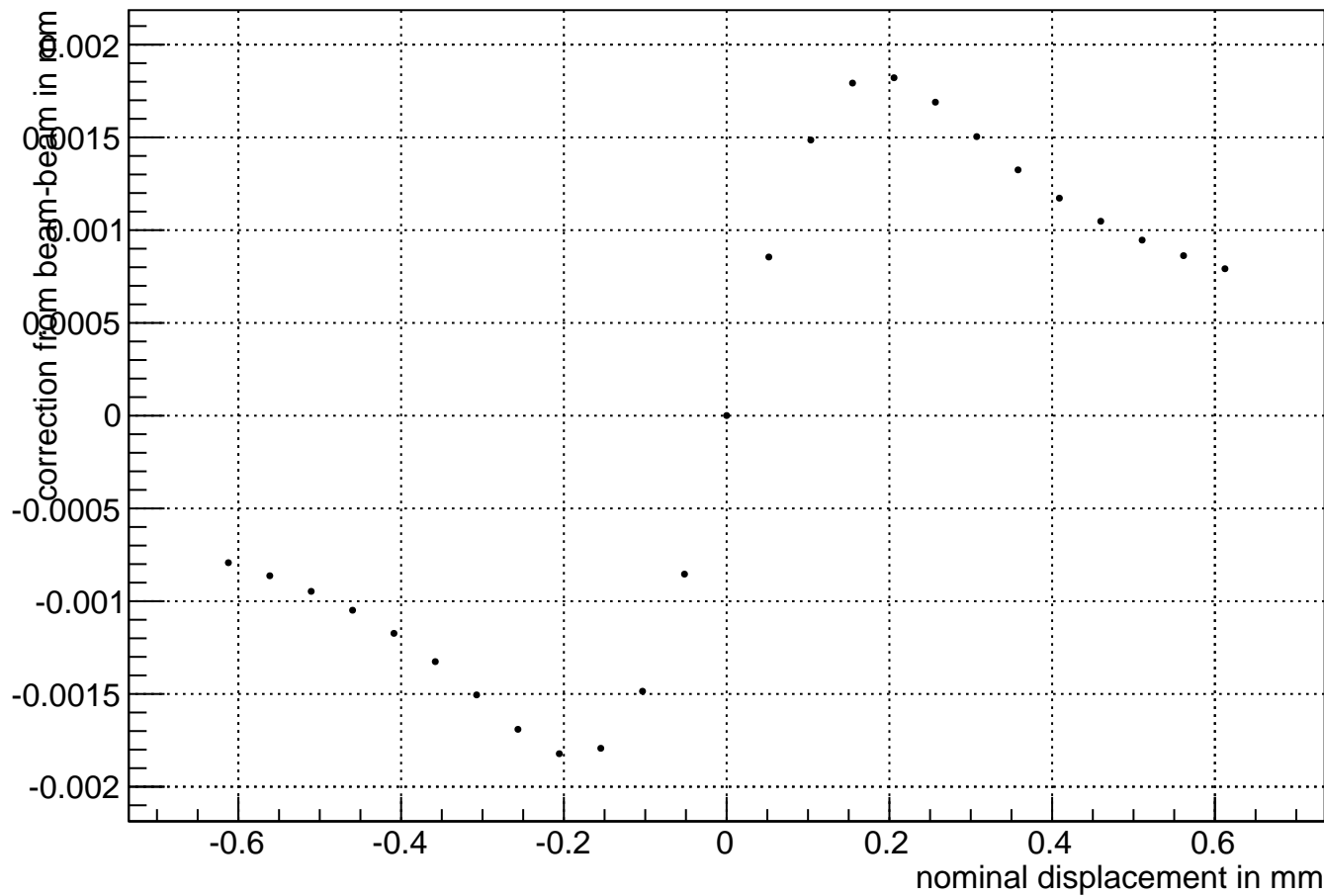
# BeamBeam correction for X5\_2674



# BeamBeam correction for Y5\_1

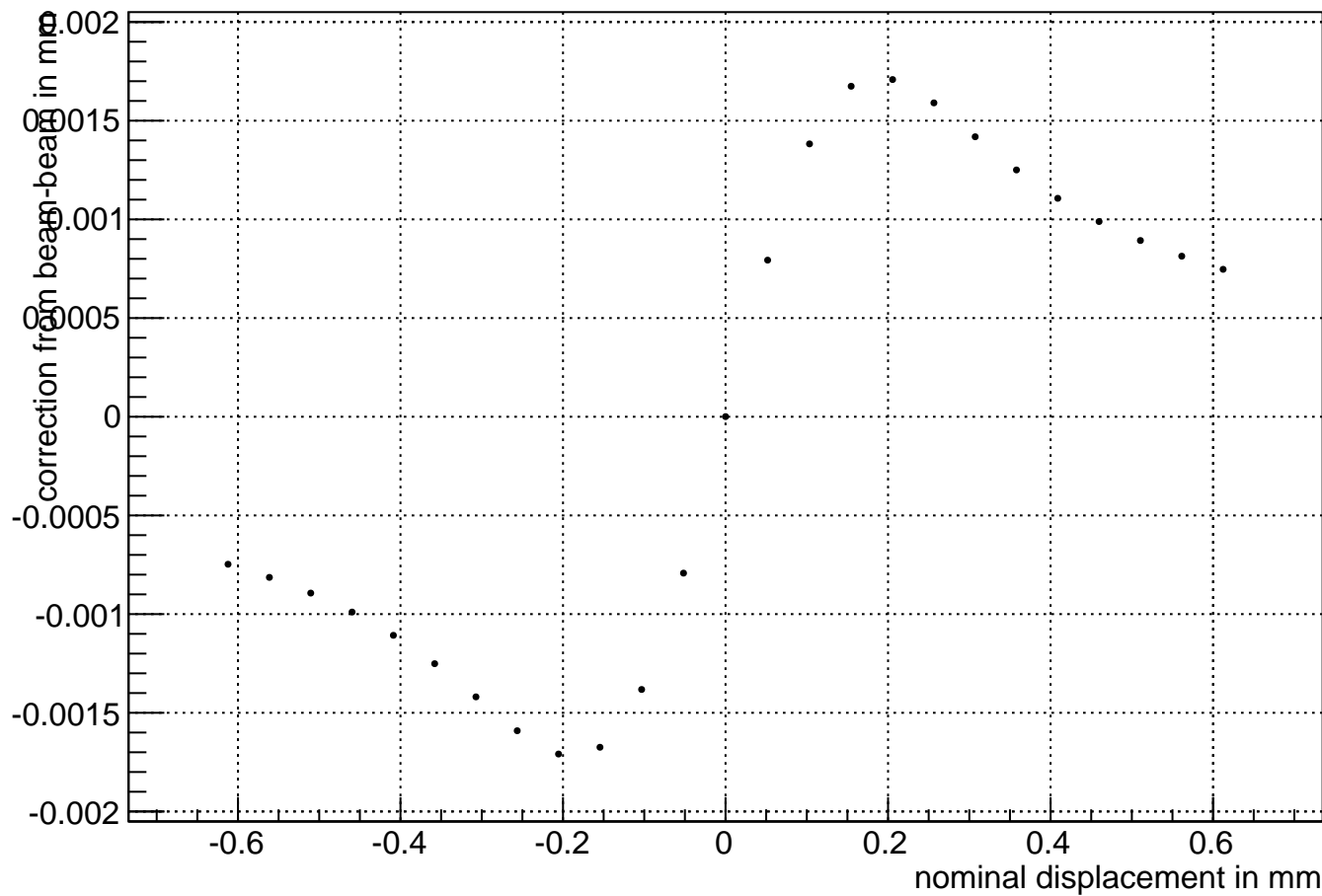


# BeamBeam correction for Y5\_51

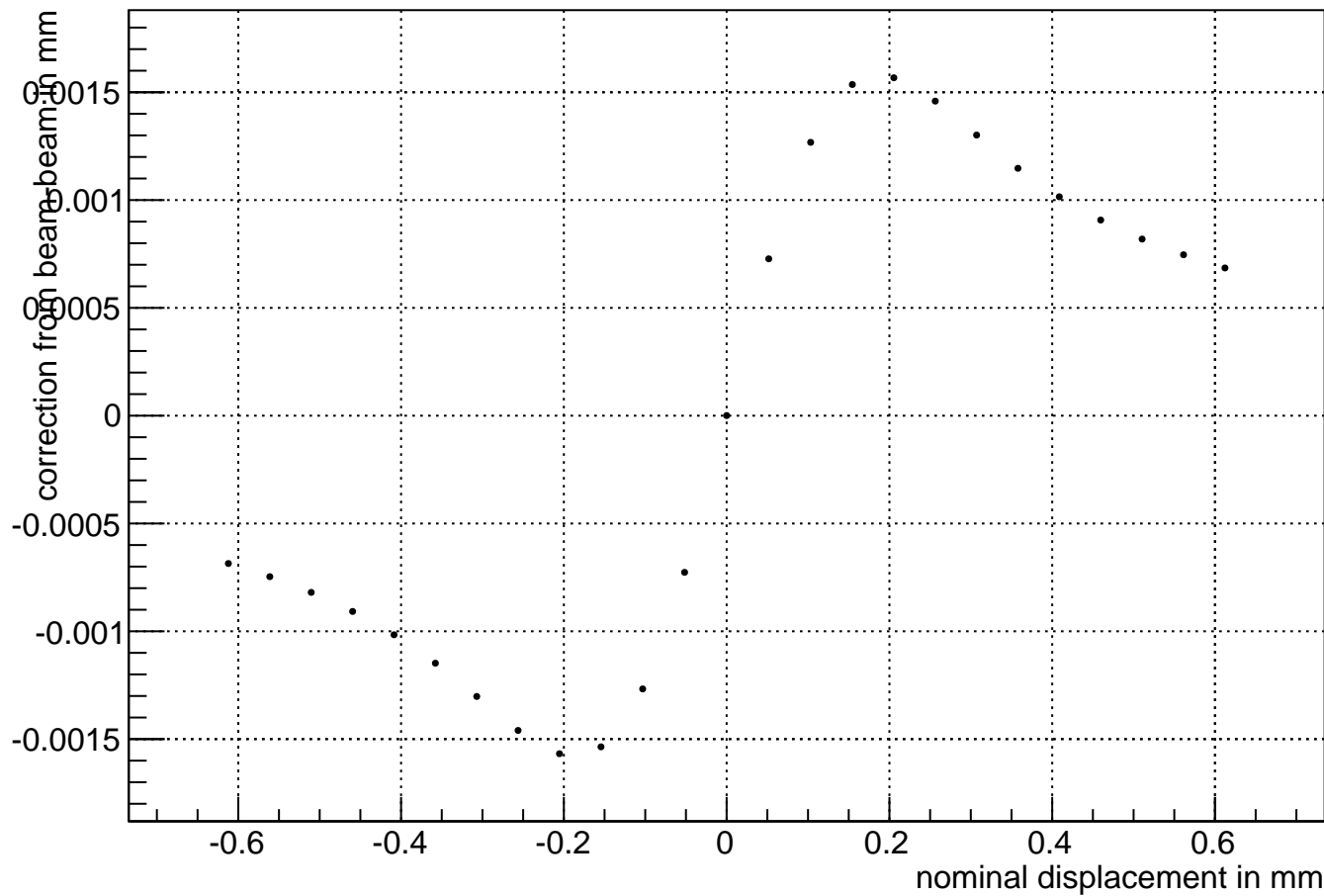




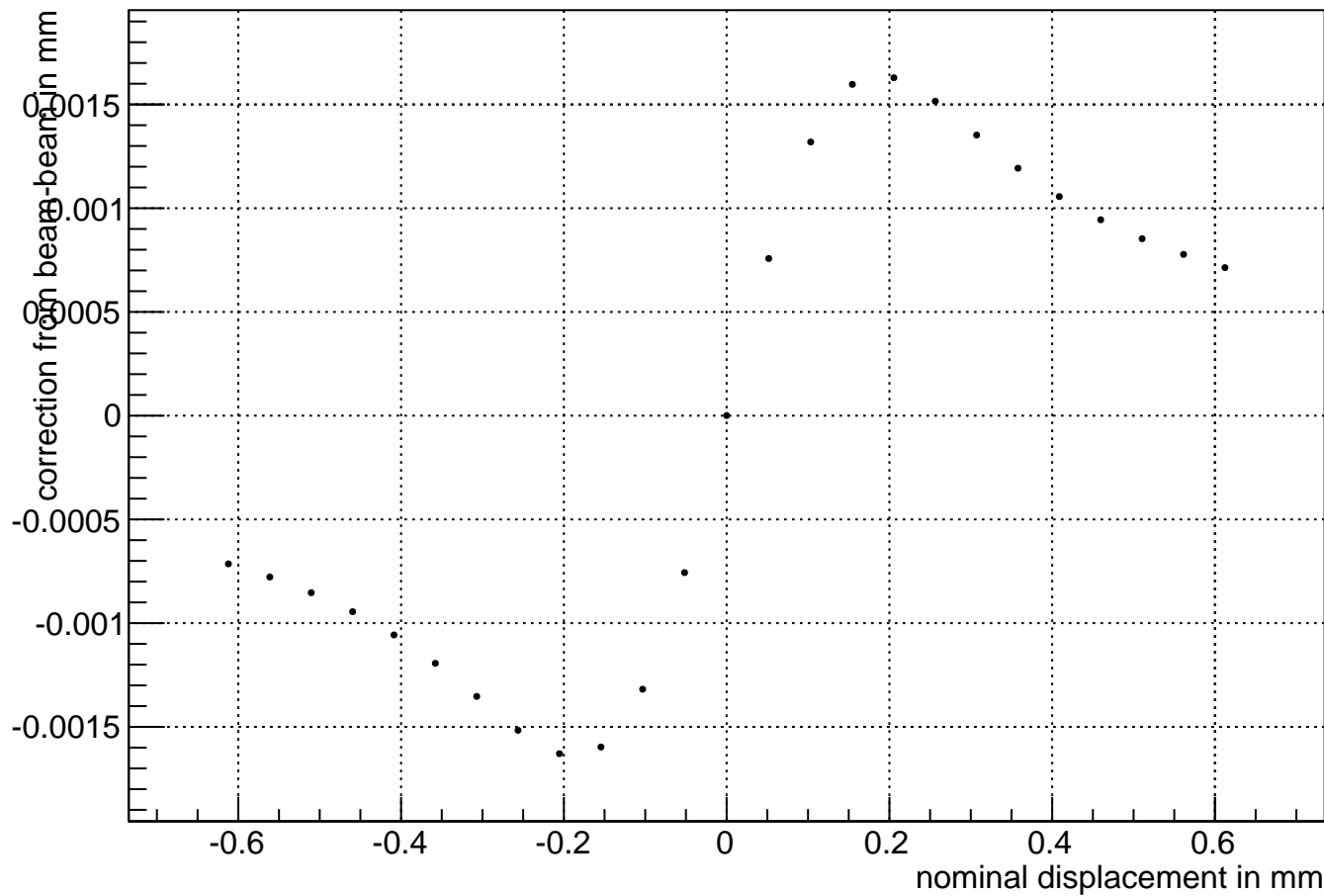
# BeamBeam correction for Y5\_91



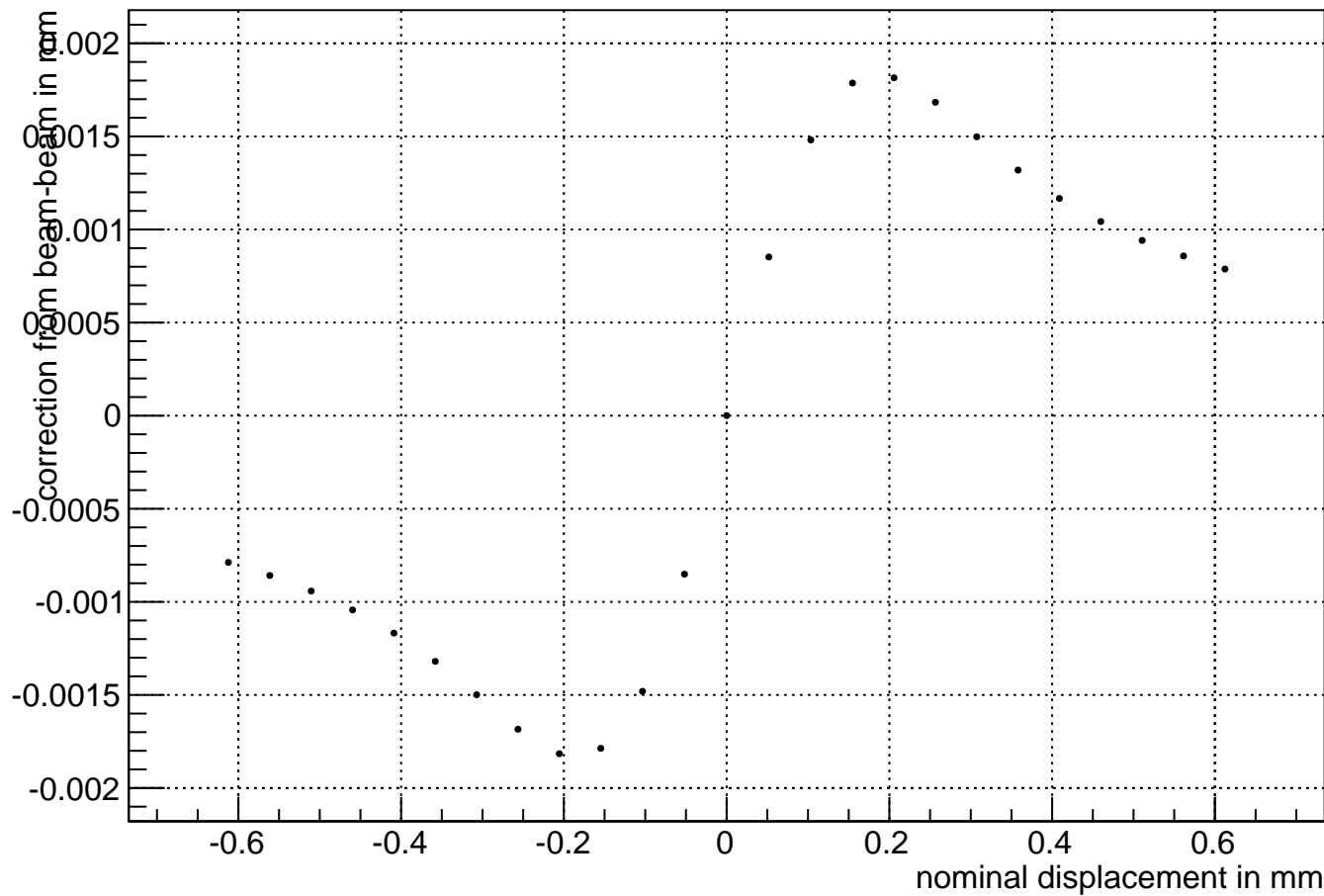
# BeamBeam correction for Y5\_131



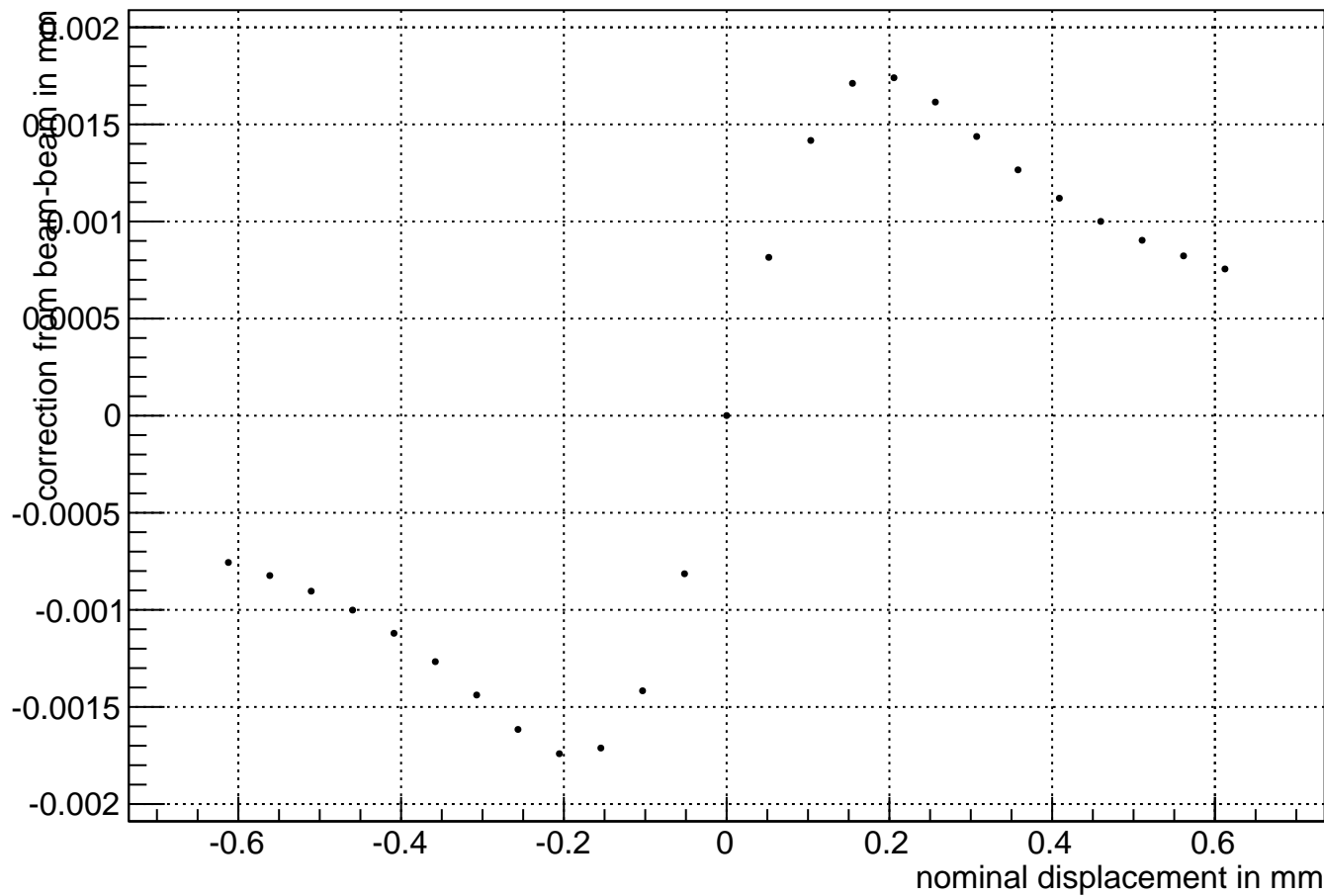
# BeamBeam correction for Y5\_171



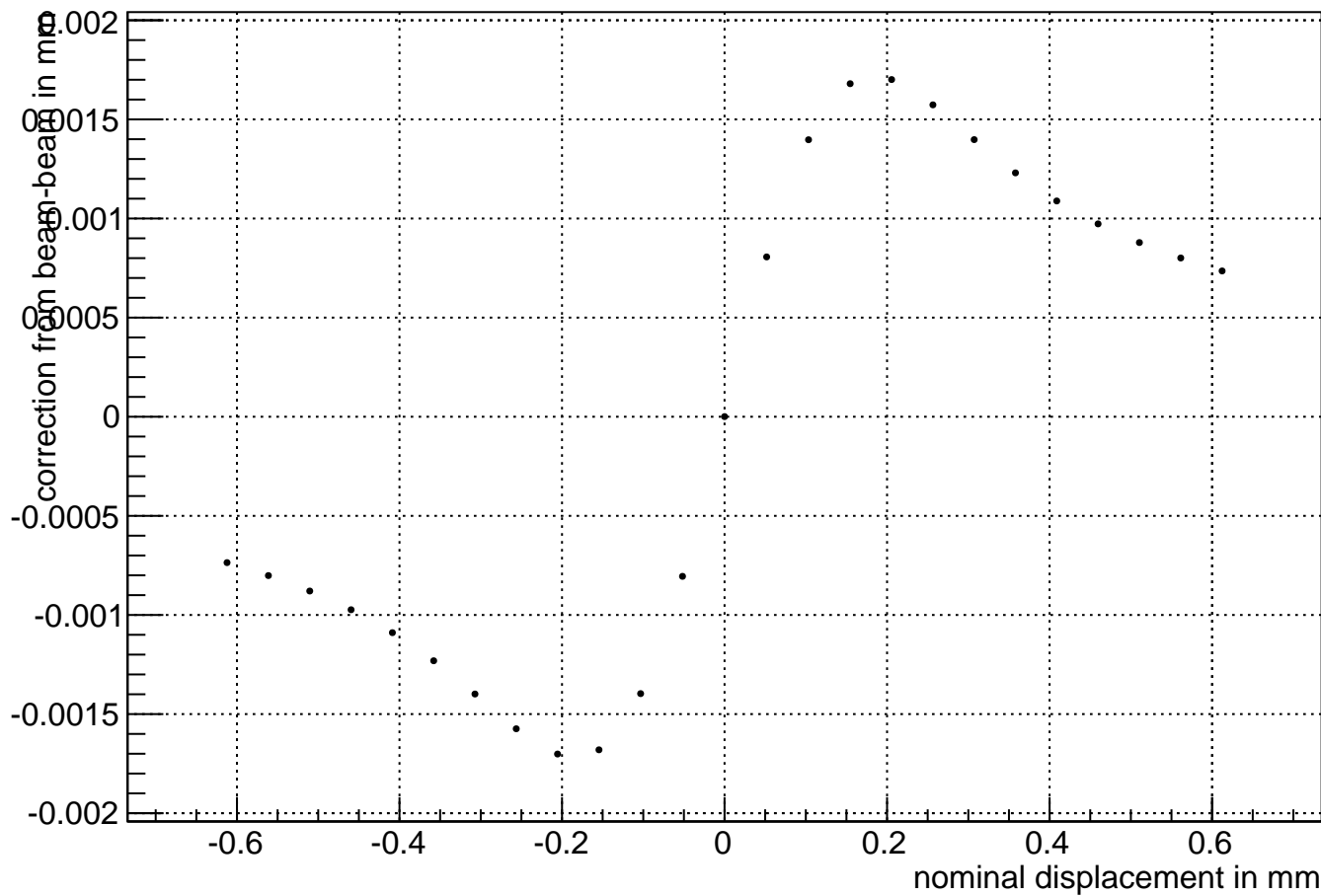
# BeamBeam correction for Y5\_211



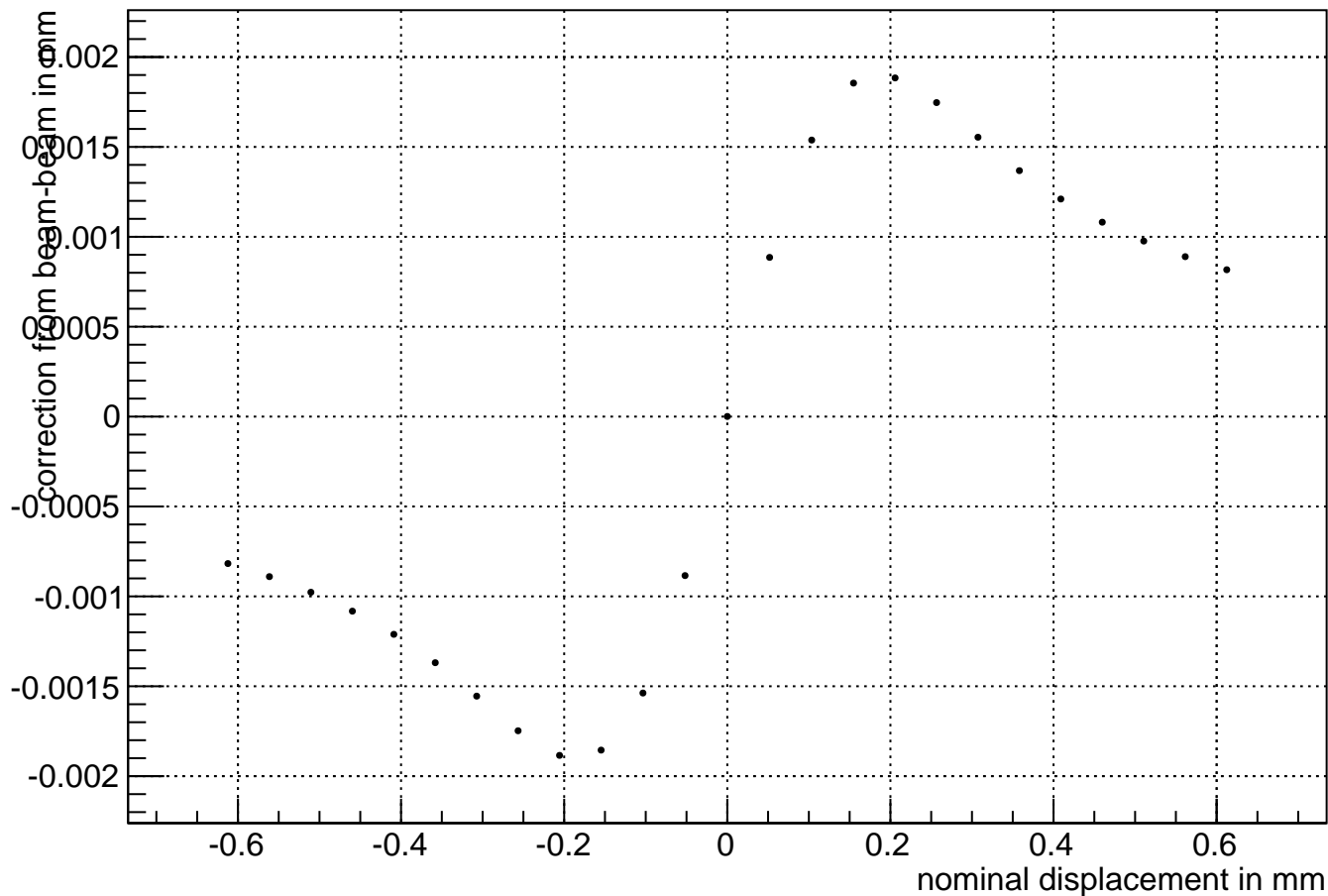
# BeamBeam correction for Y5\_251



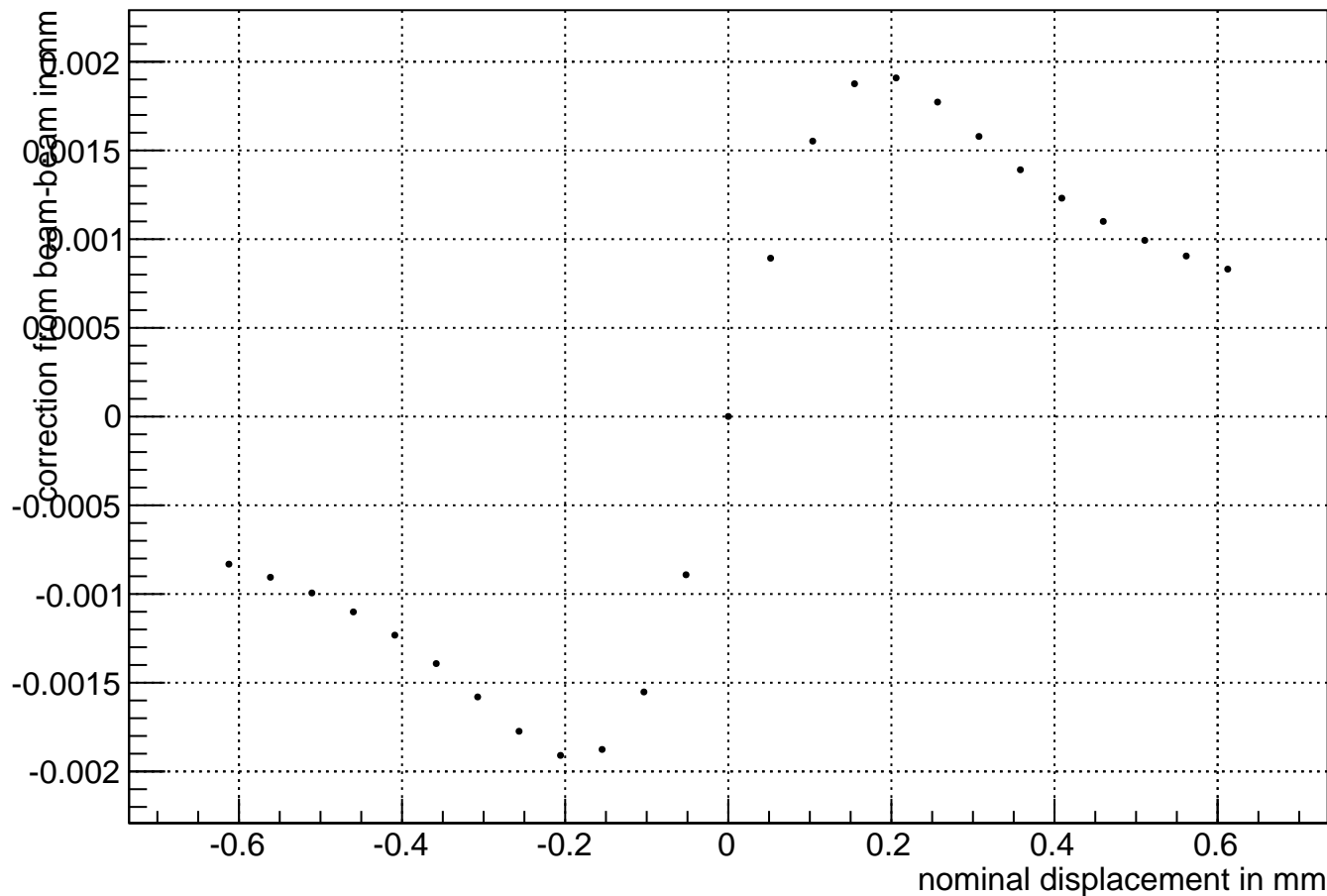
# BeamBeam correction for Y5\_291



# BeamBeam correction for Y5\_771

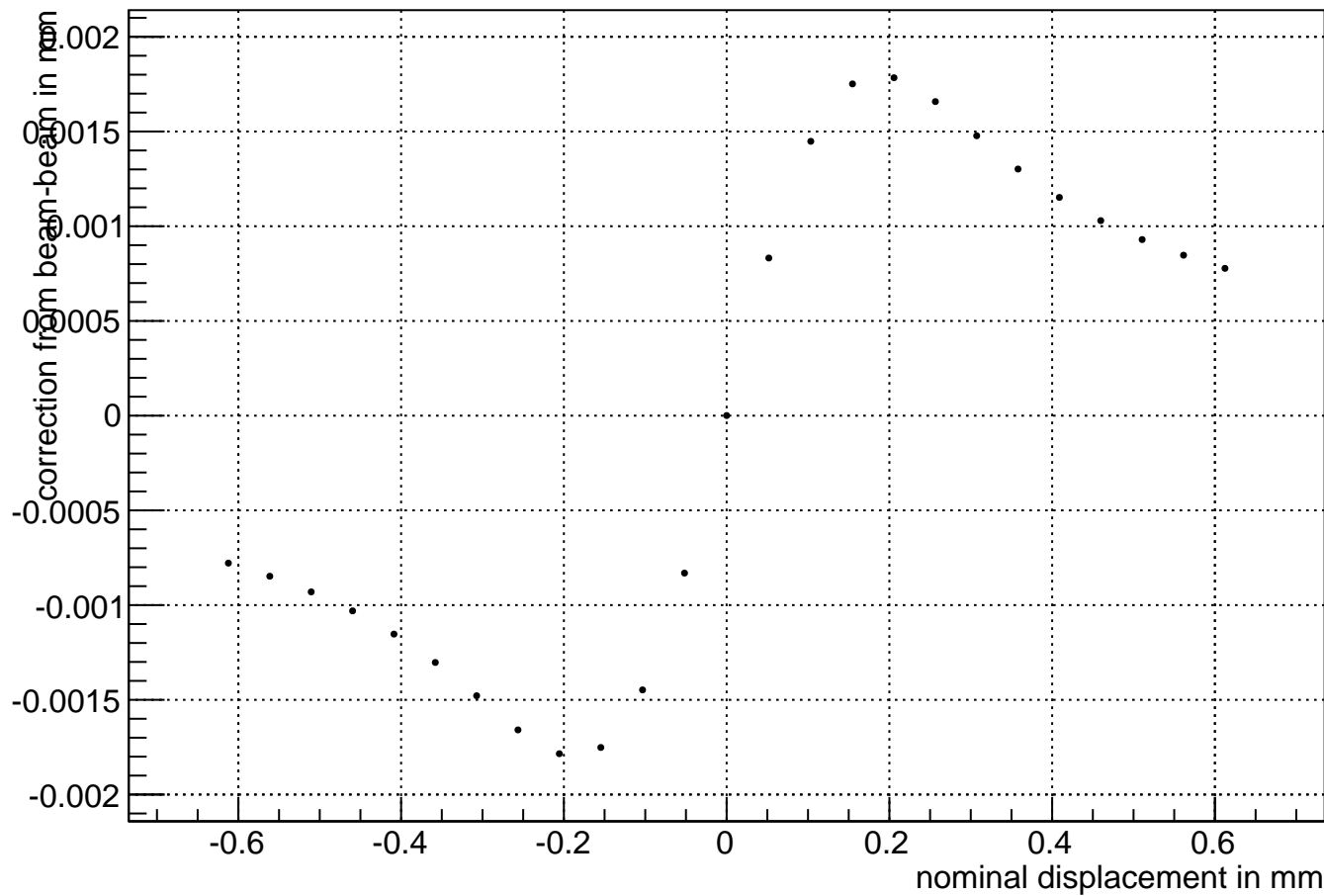


# BeamBeam correction for Y5\_811

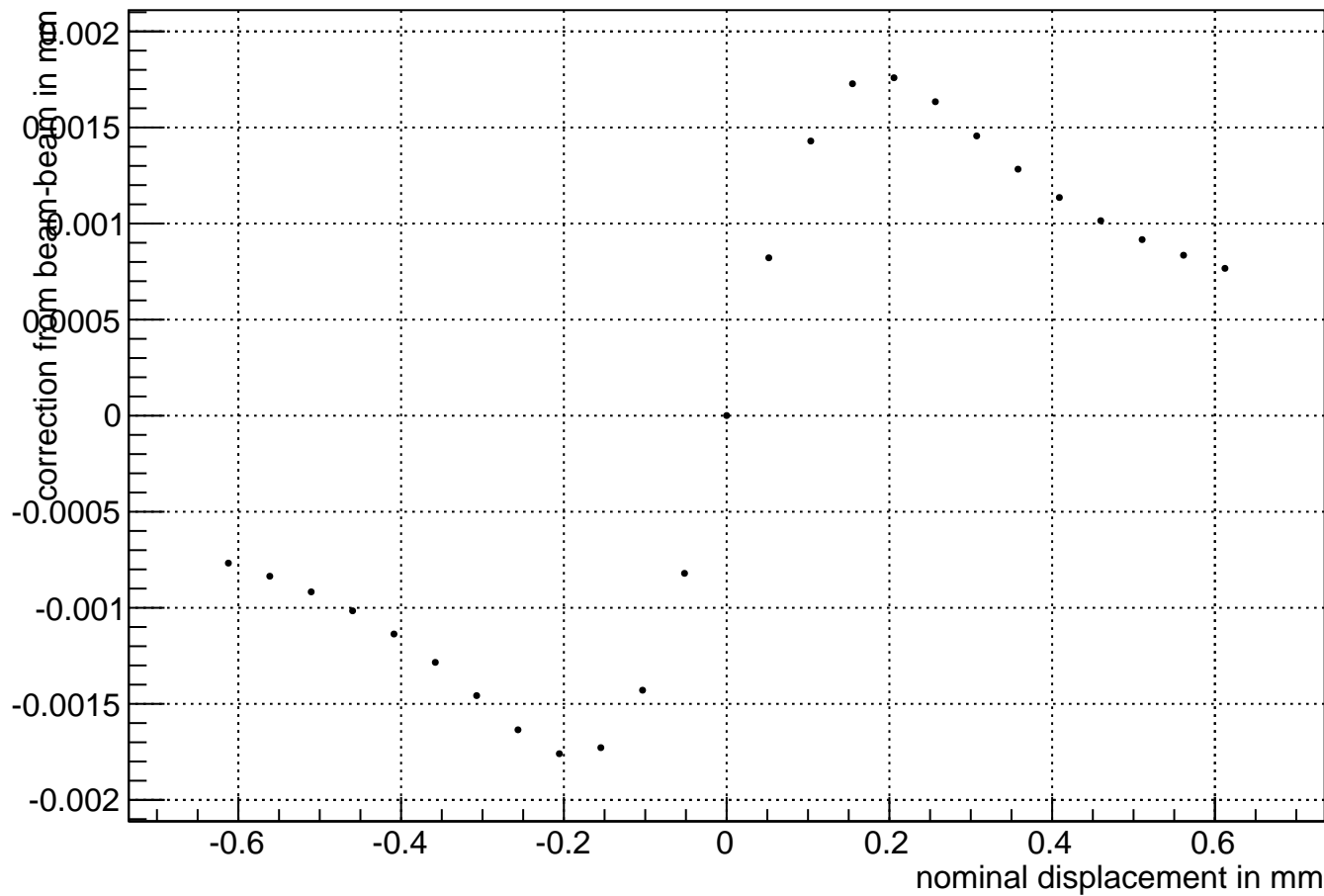




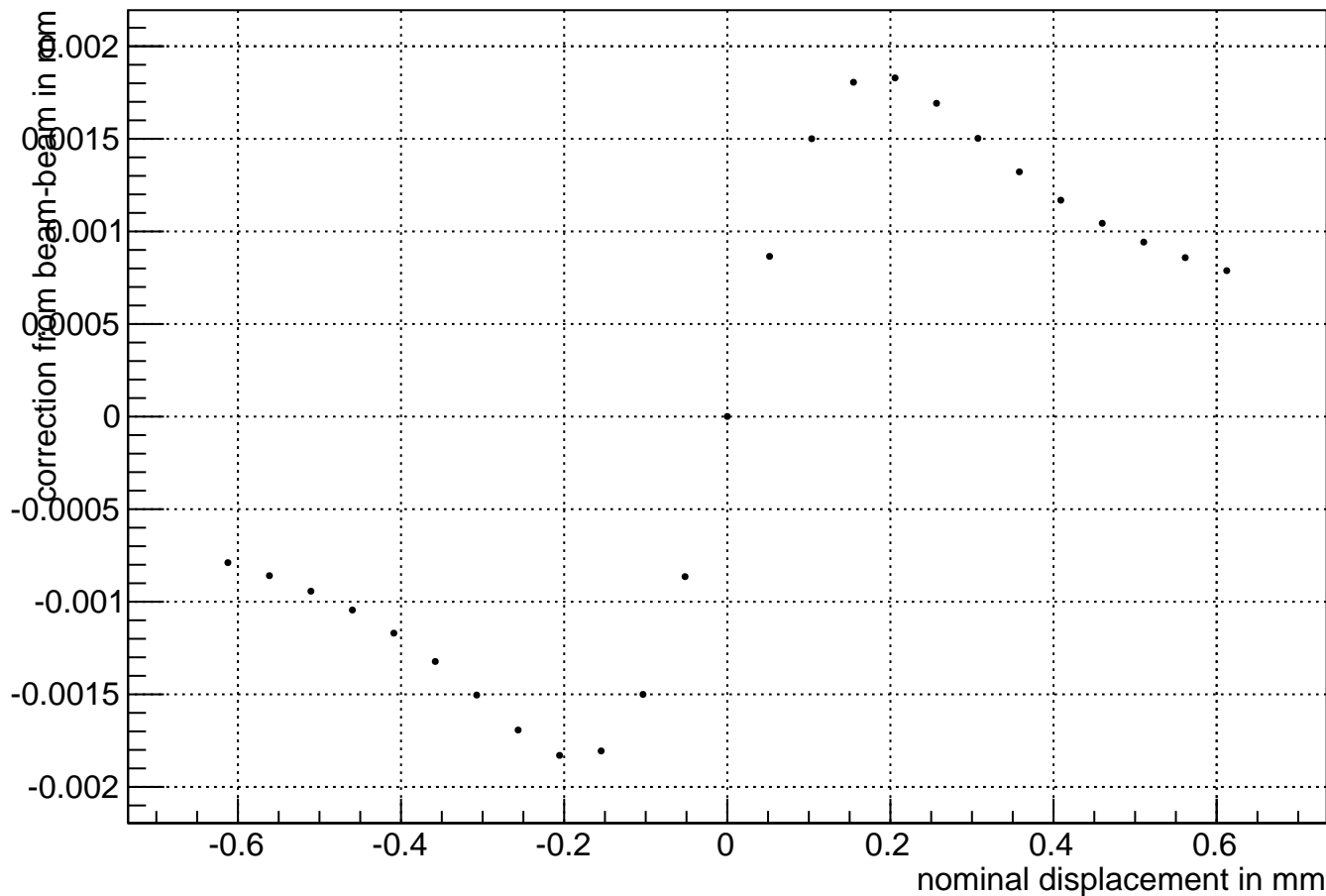
# BeamBeam correction for Y5\_851



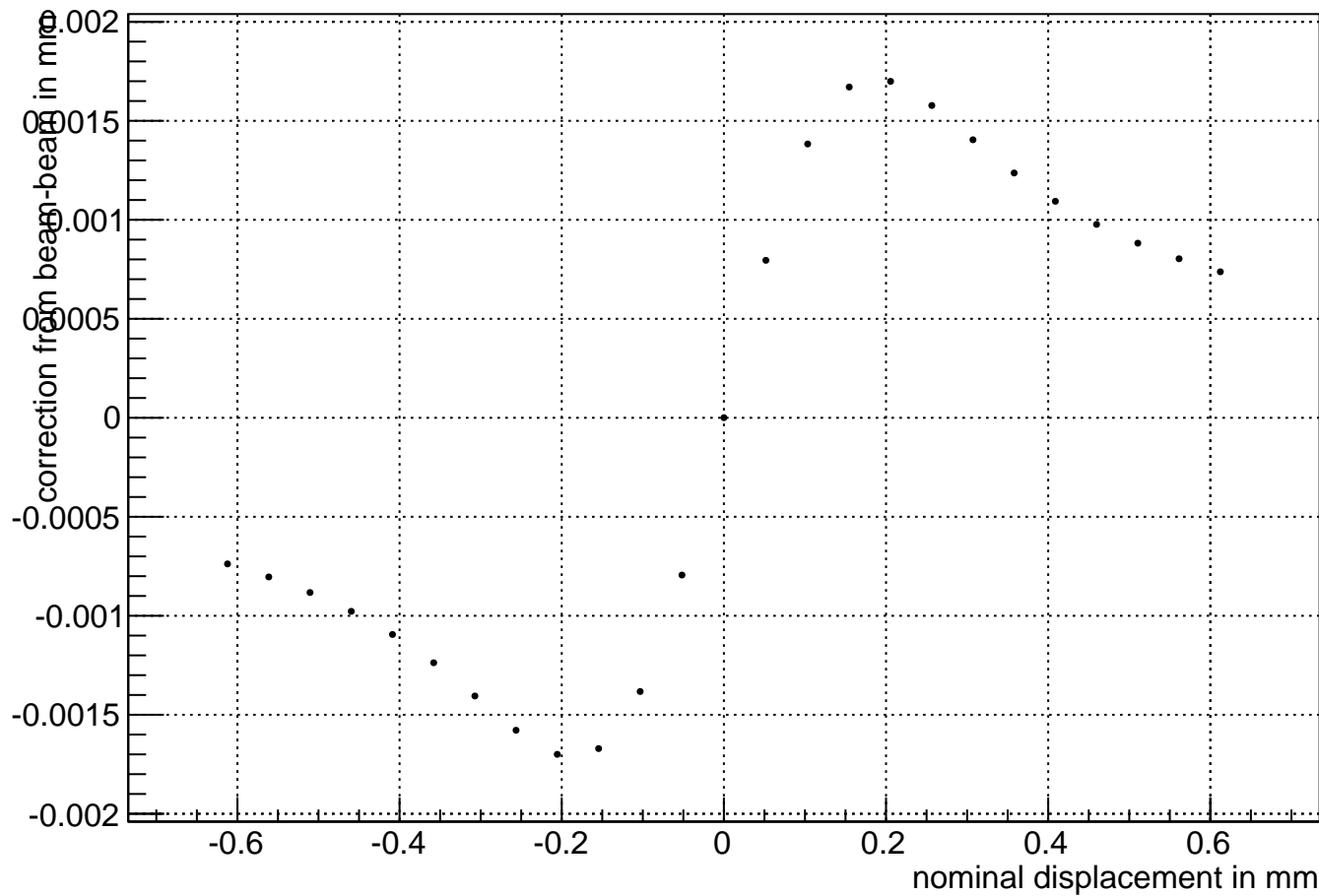
# BeamBeam correction for Y5\_891



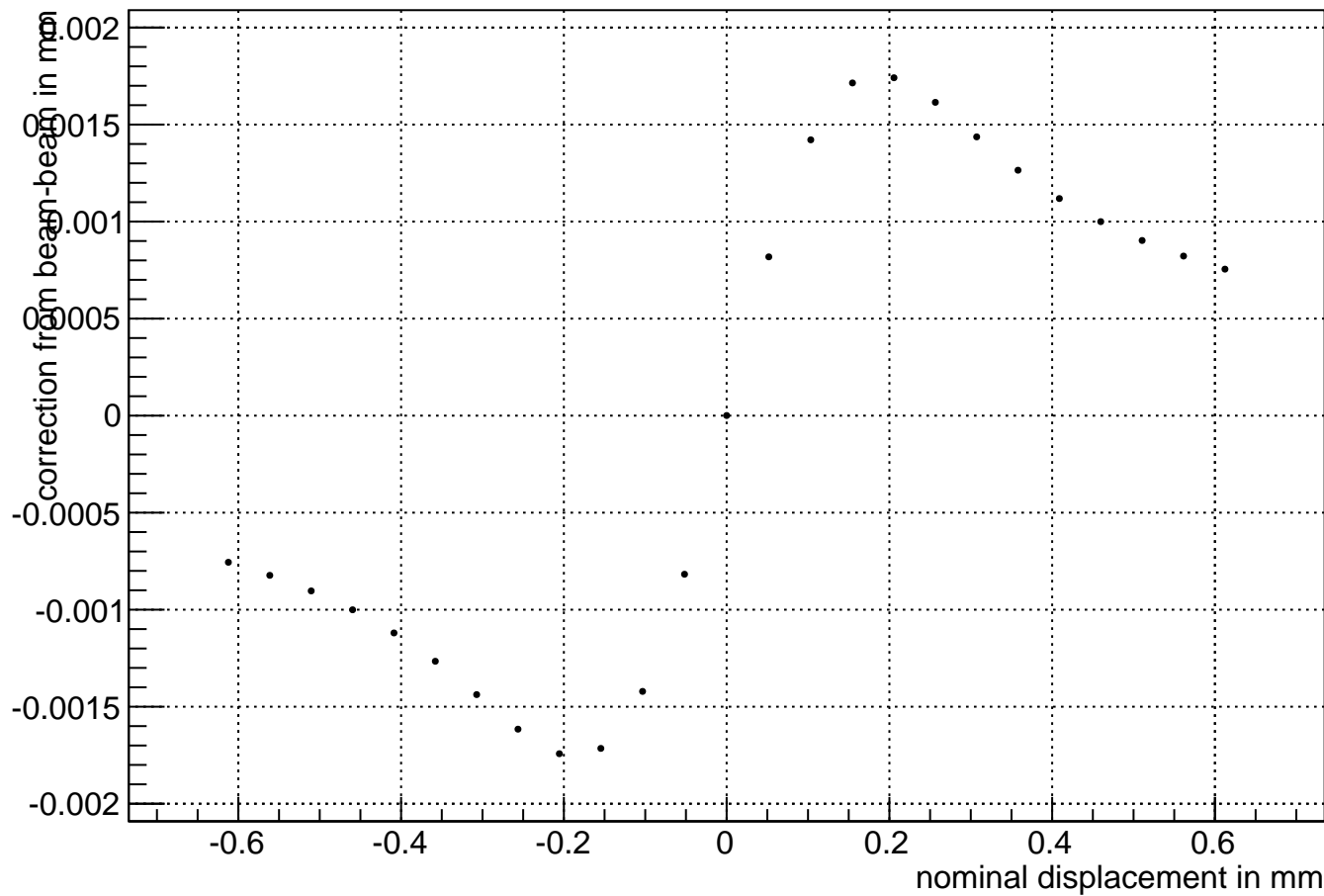
# BeamBeam correction for Y5\_931



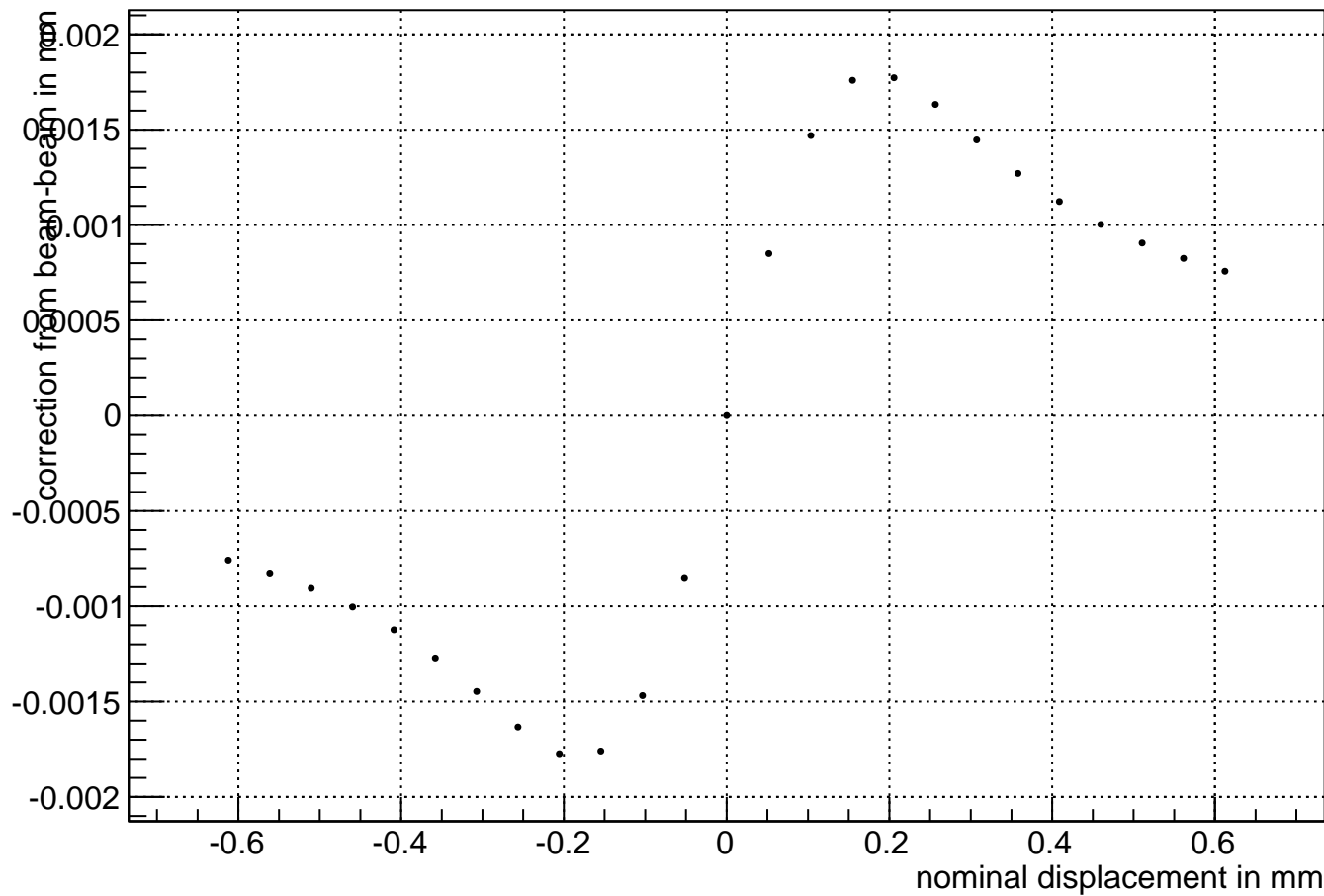
# BeamBeam correction for Y5\_971



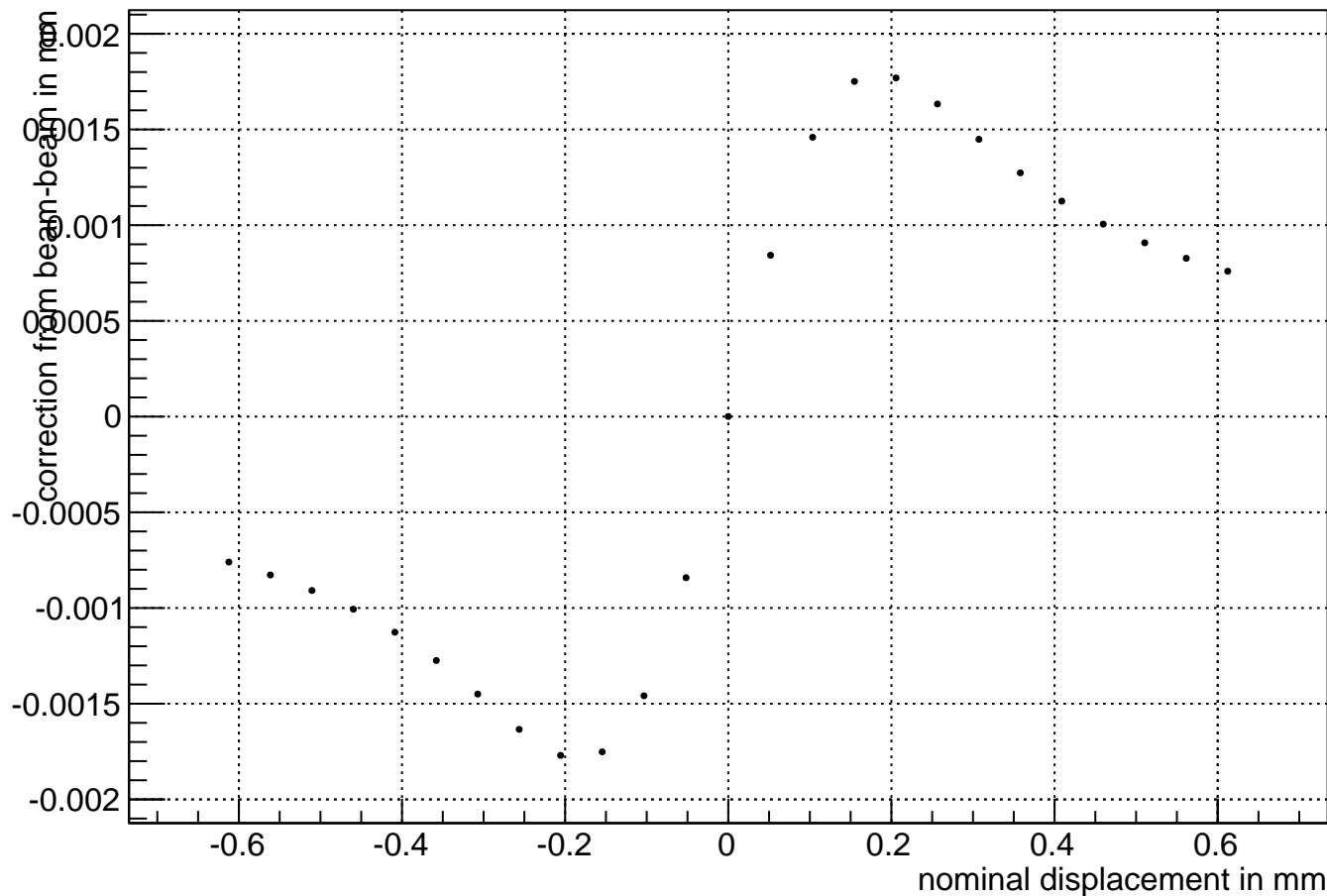
# BeamBeam correction for Y5\_1011



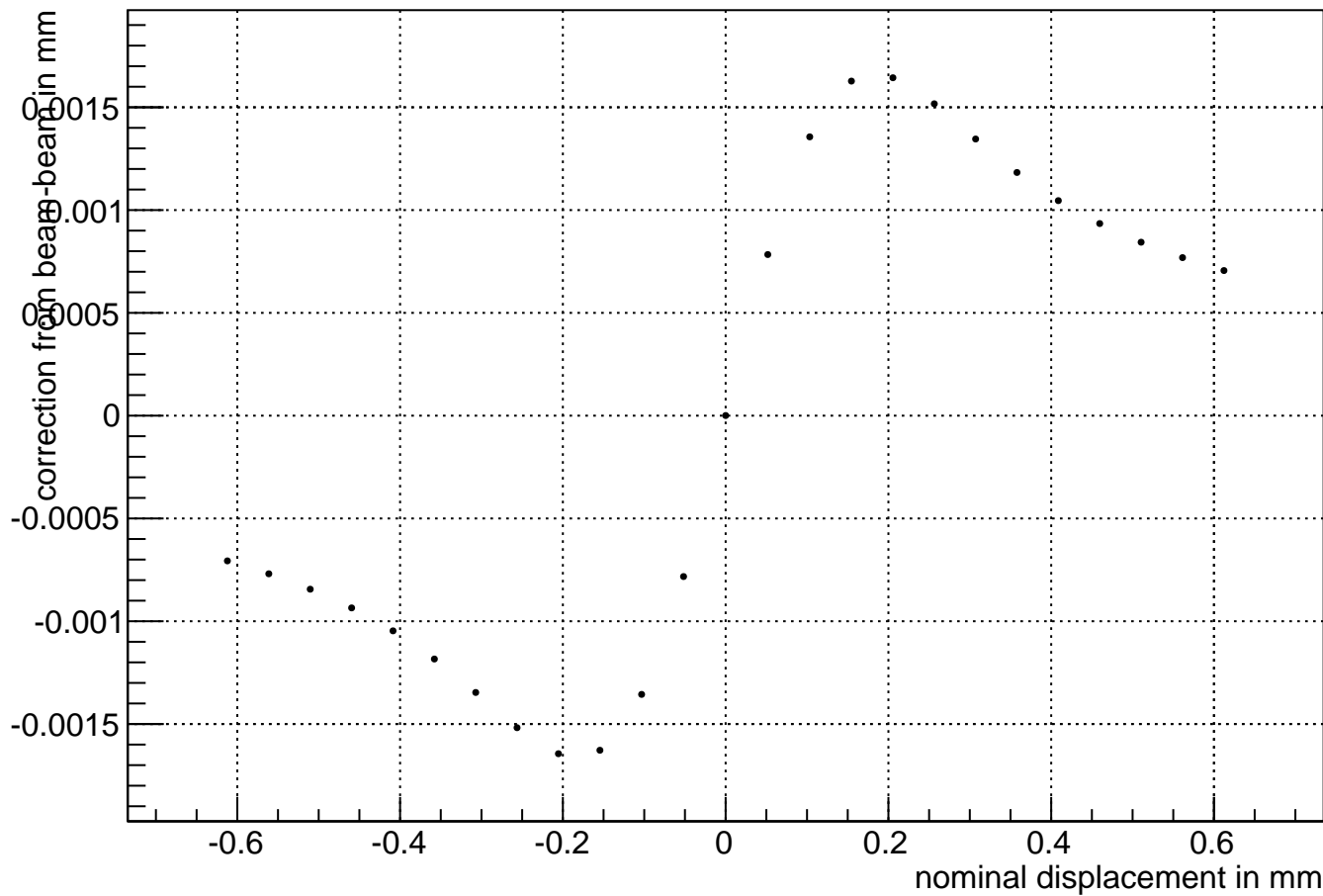
# BeamBeam correction for Y5\_1631



# BeamBeam correction for Y5\_1671

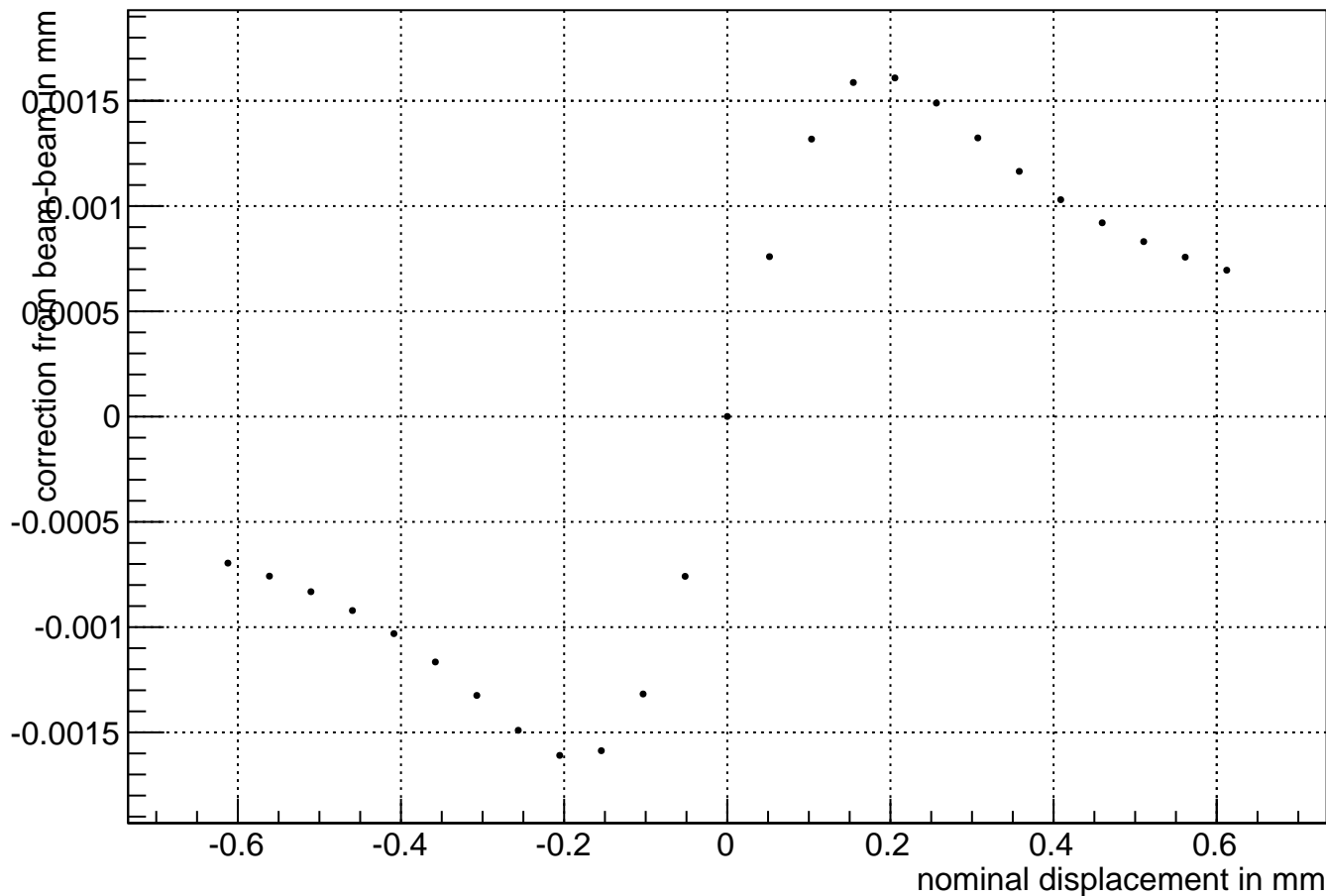


# BeamBeam correction for Y5\_1711

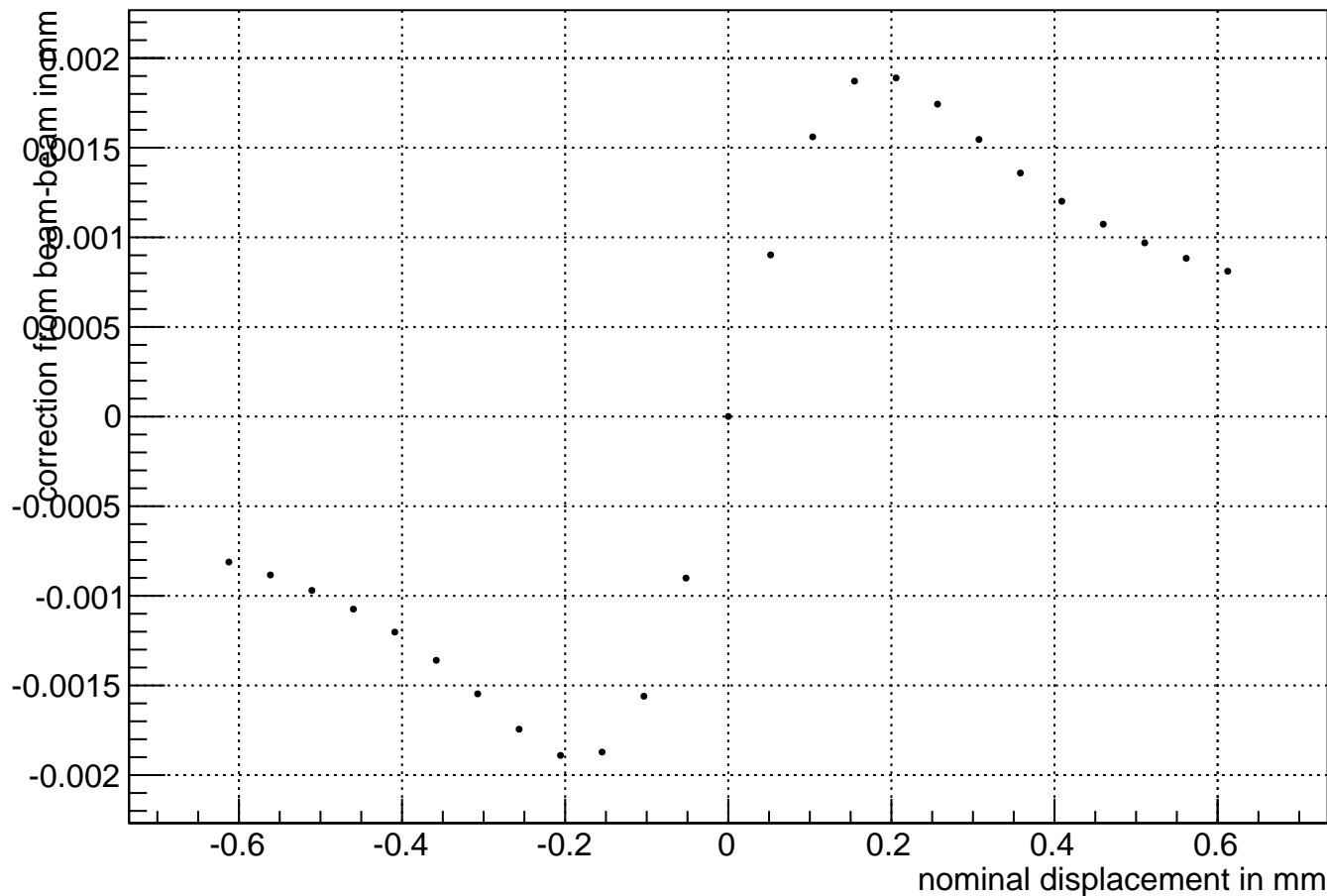




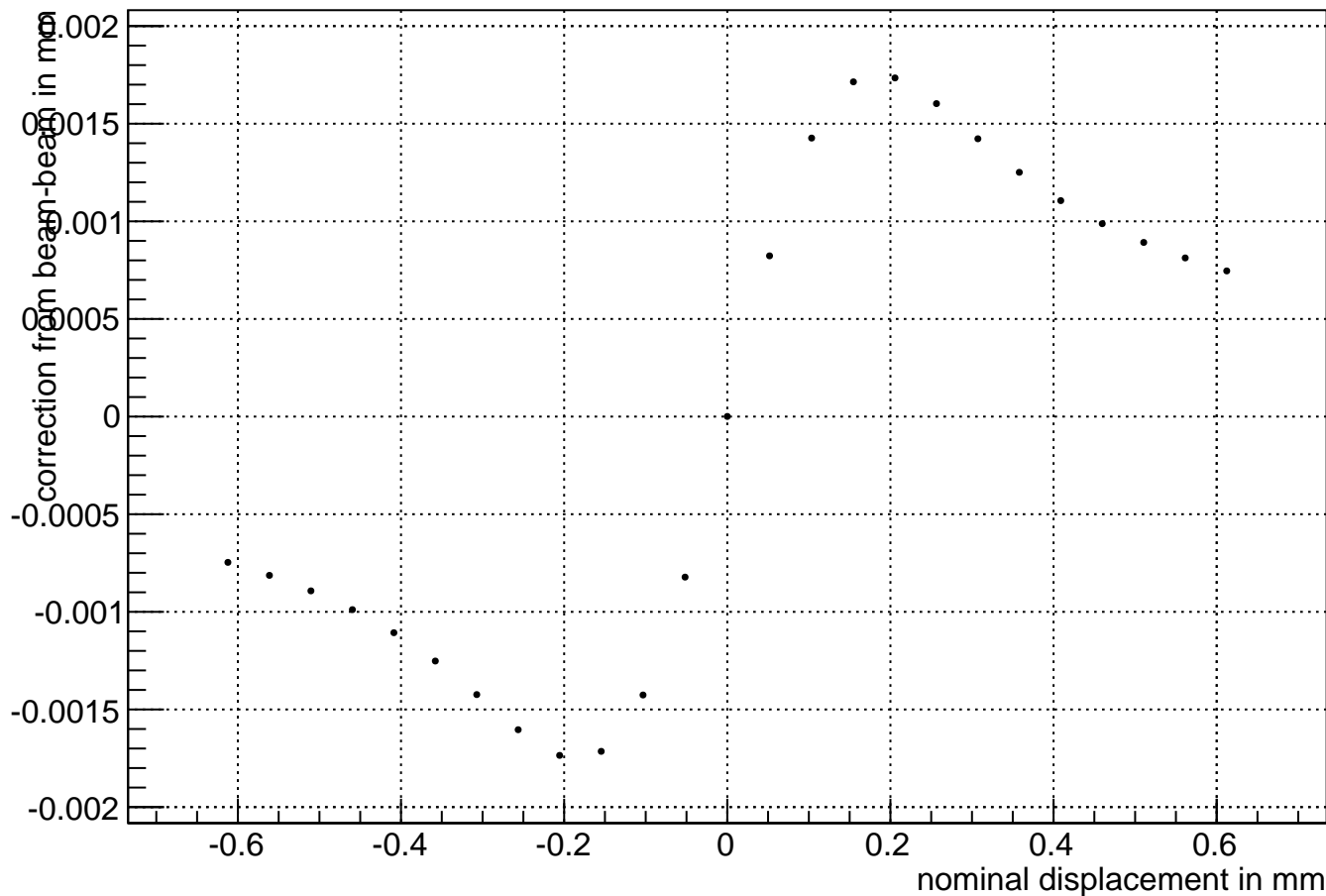
# BeamBeam correction for Y5\_1751



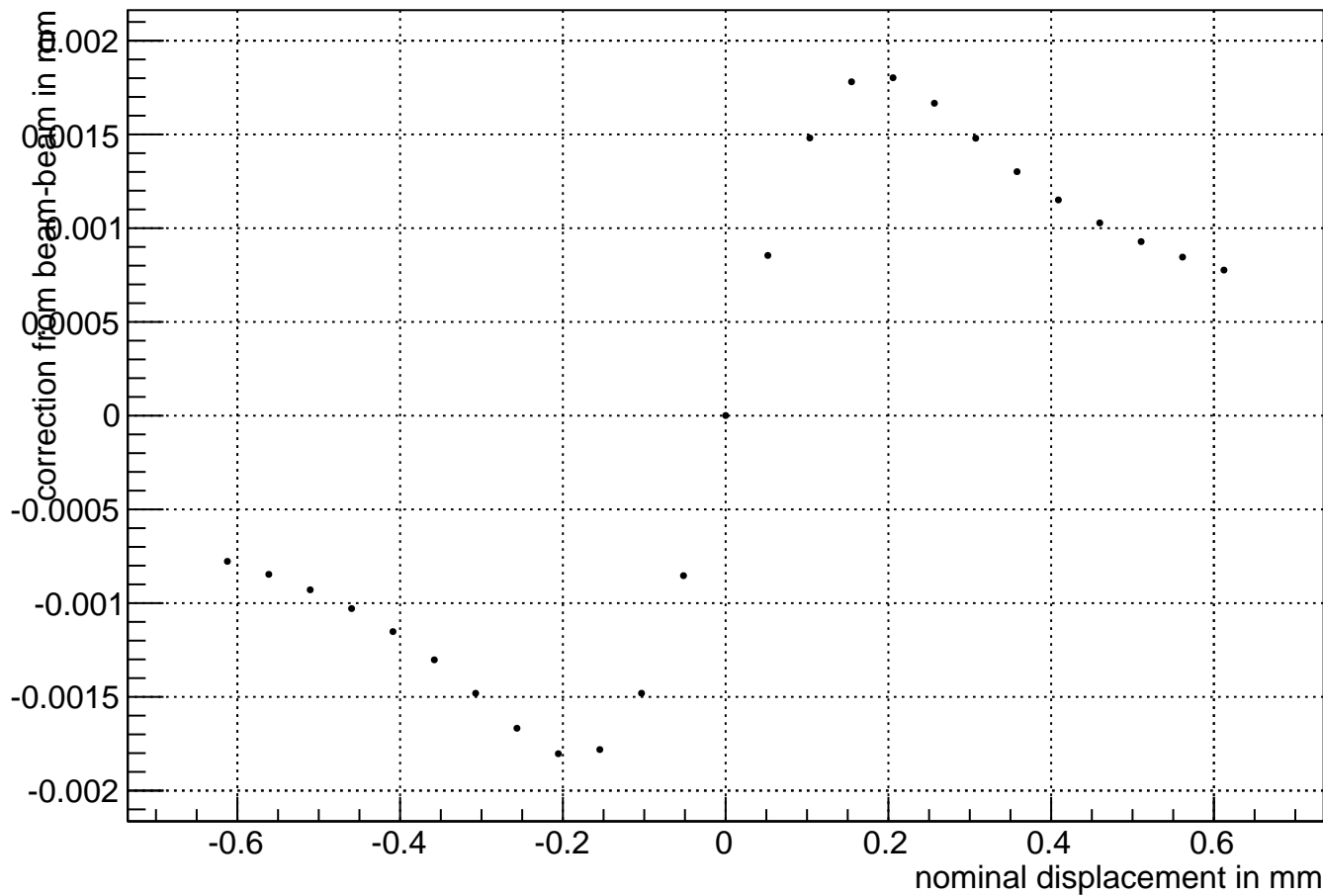
# BeamBeam correction for Y5\_1791



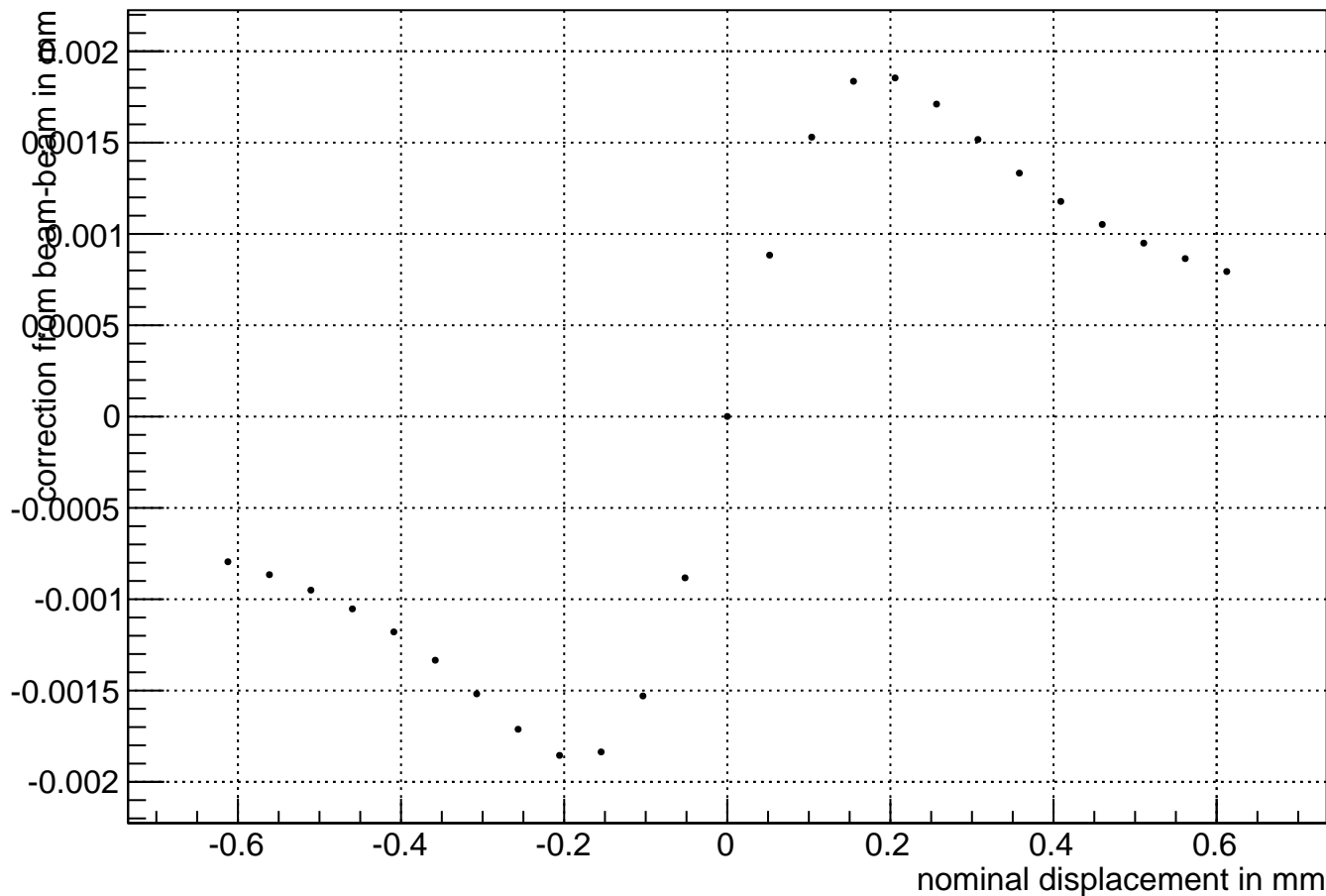
# BeamBeam correction for Y5\_1831



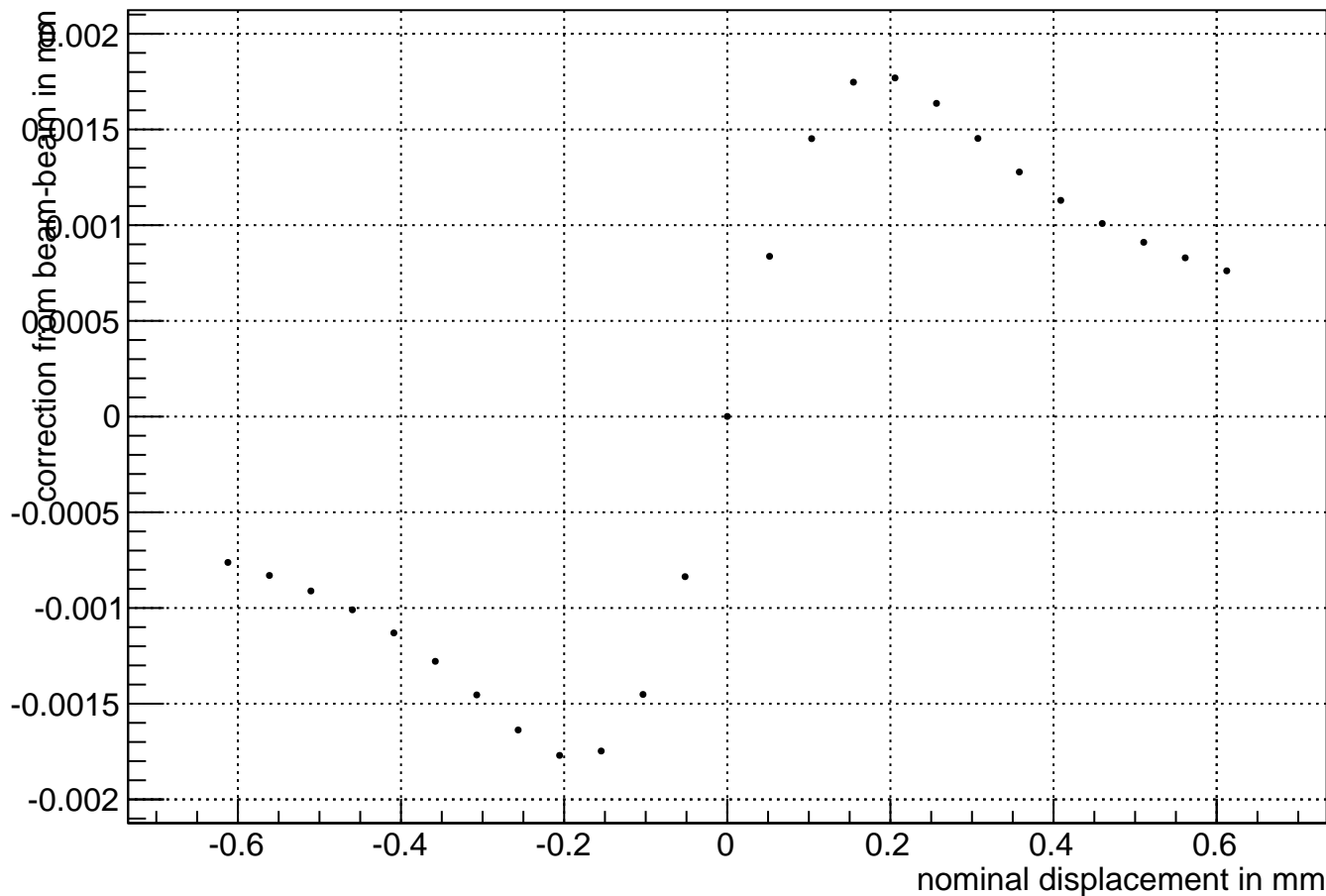
# BeamBeam correction for Y5\_1871



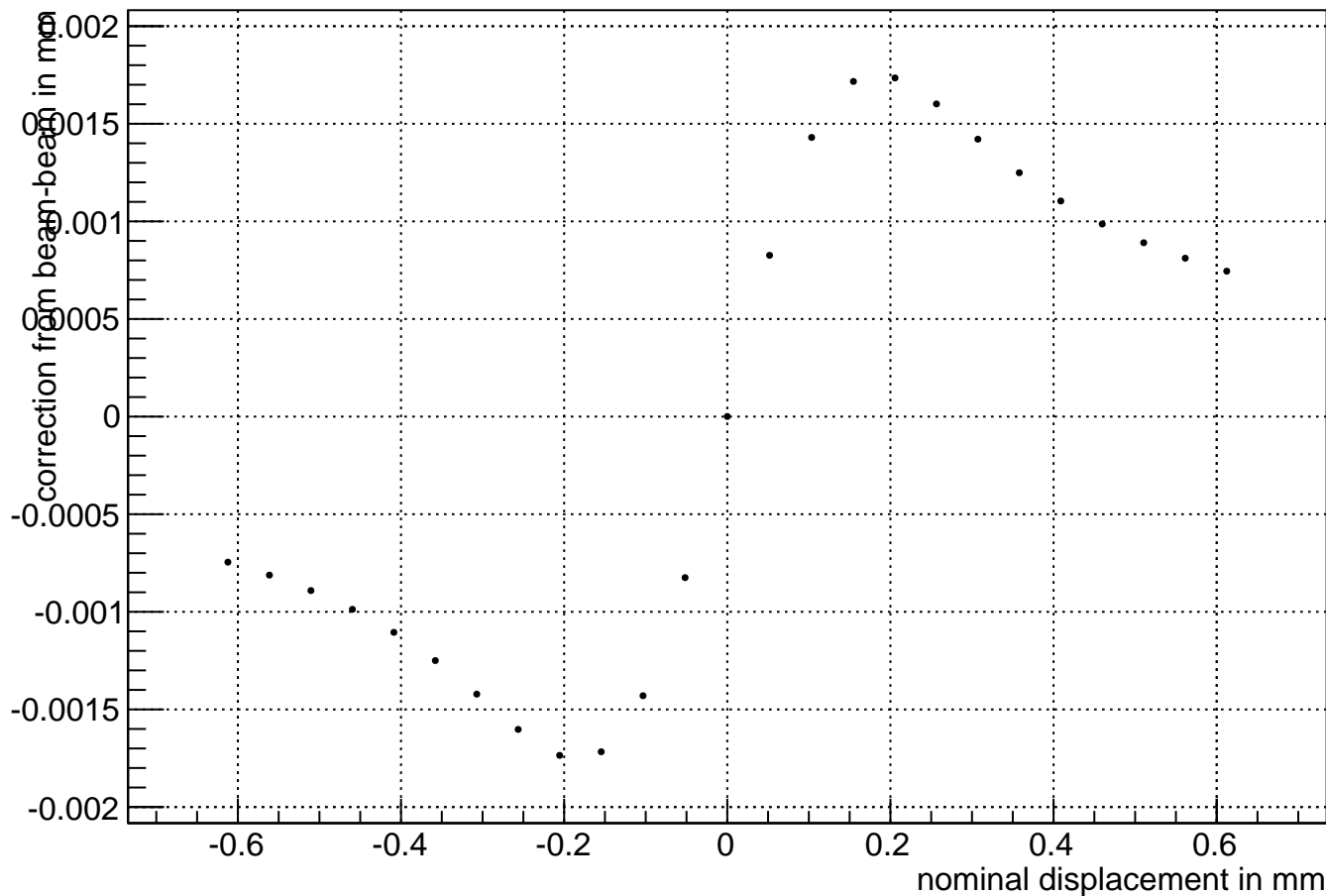
# BeamBeam correction for Y5\_2211



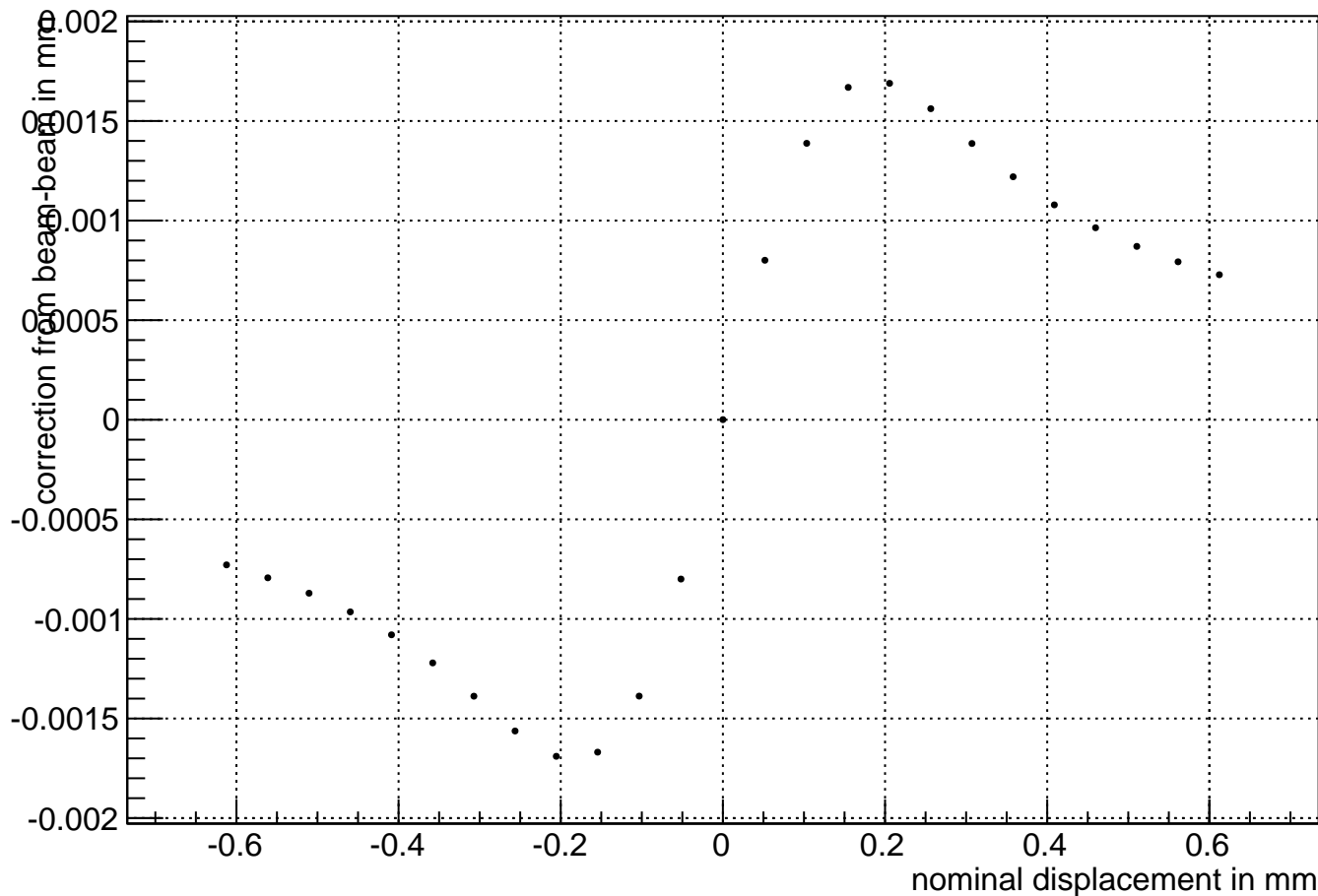
# BeamBeam correction for Y5\_2251



# BeamBeam correction for Y5\_2291

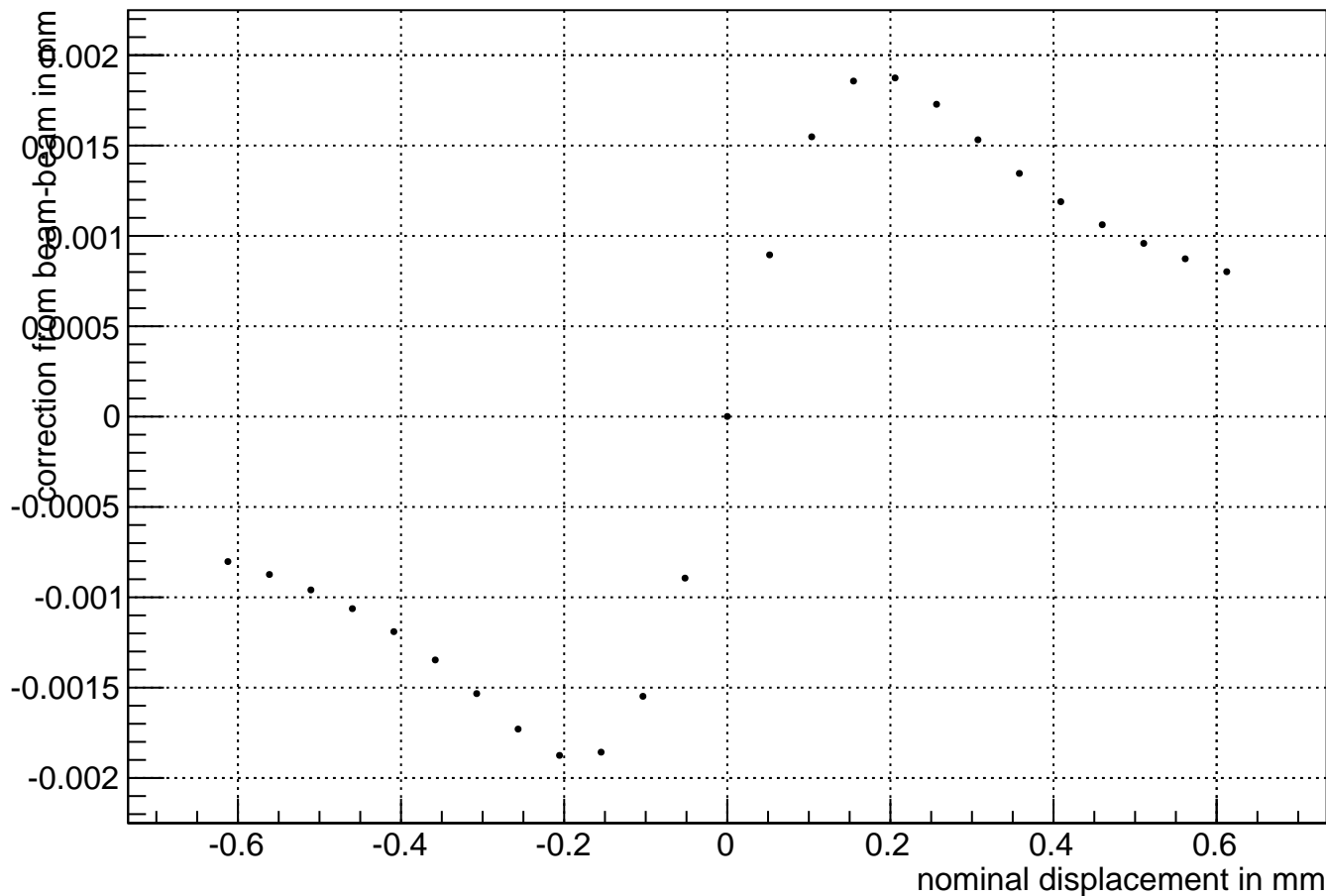


# BeamBeam correction for Y5\_2331

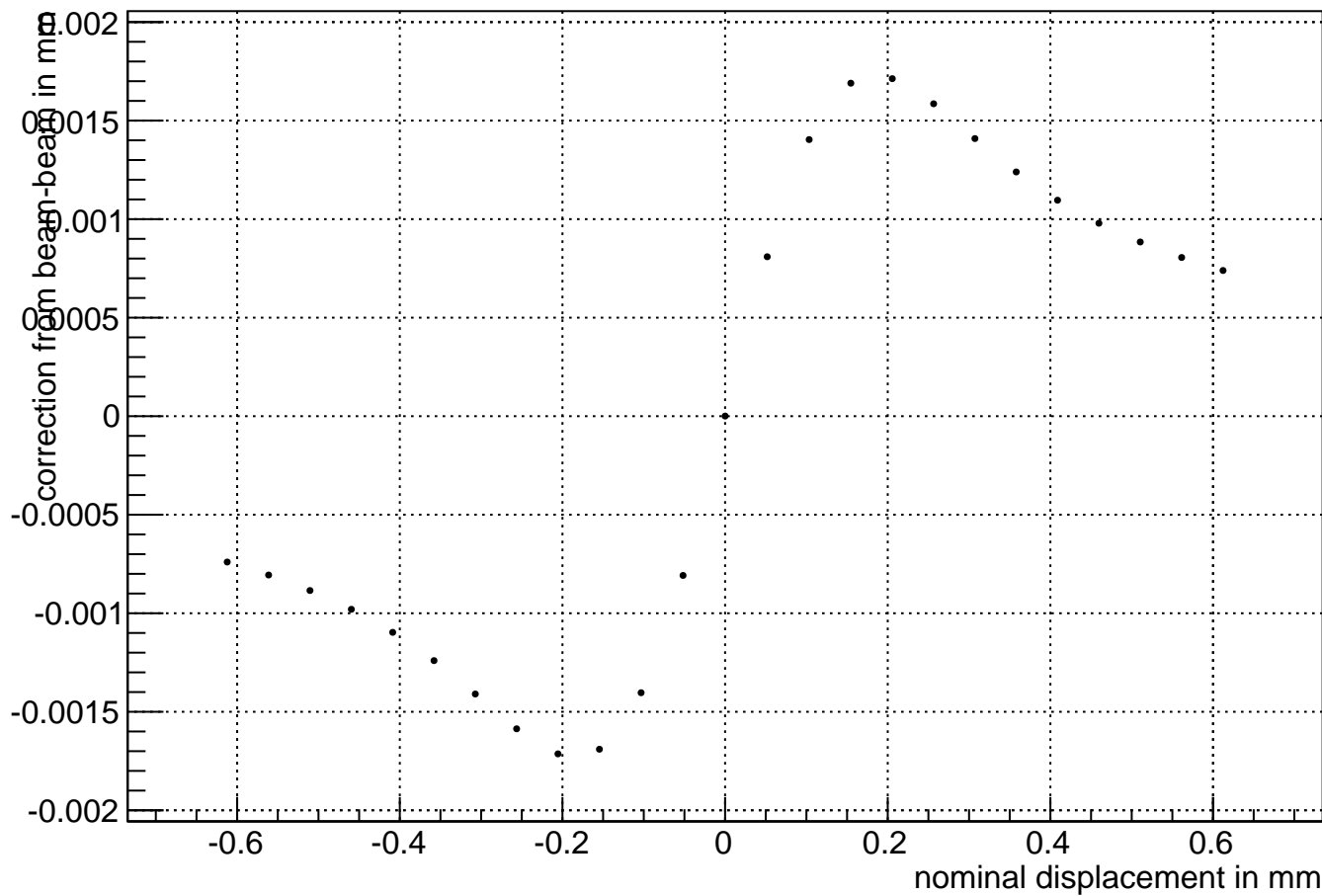




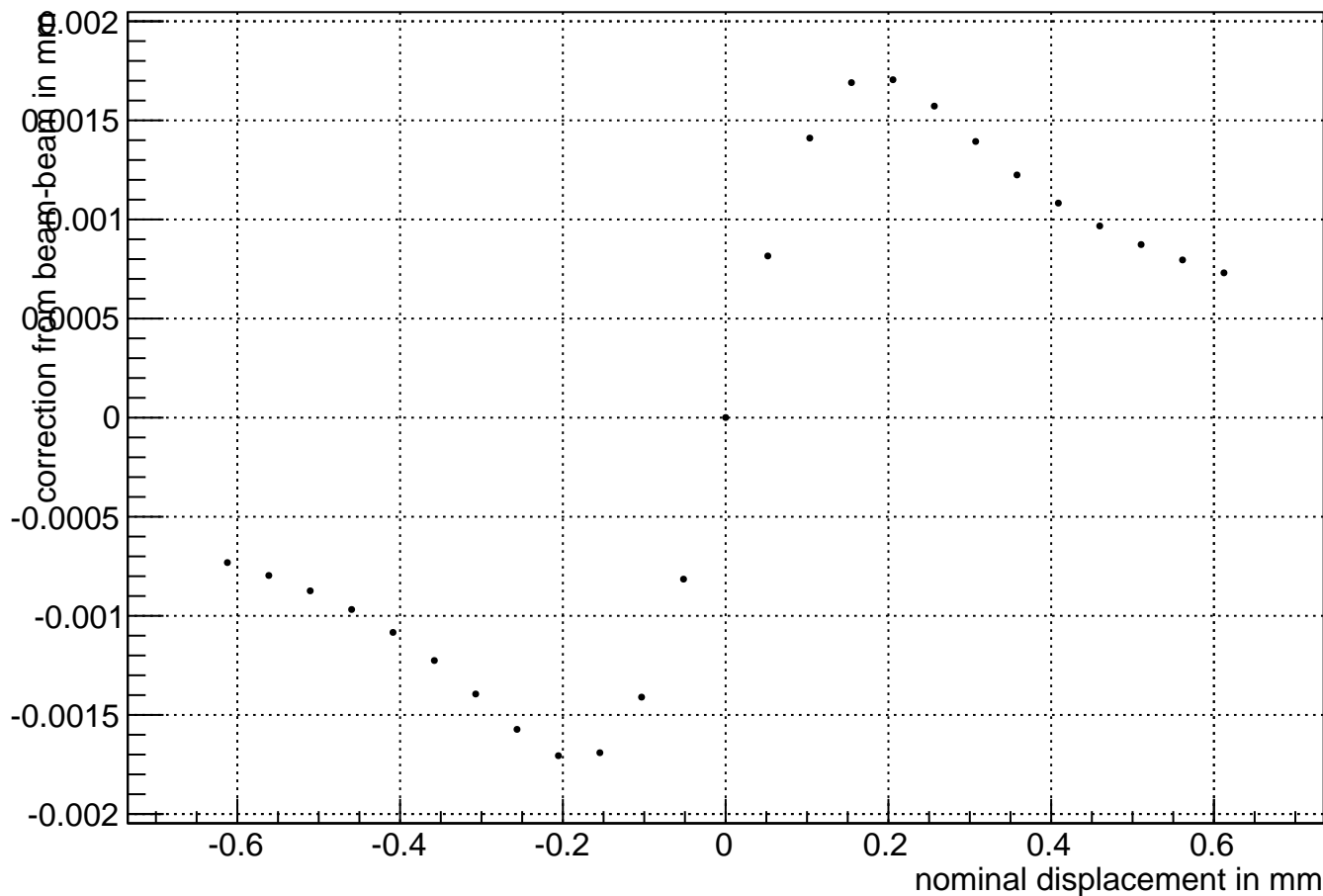
# BeamBeam correction for Y5\_2371



# BeamBeam correction for Y5\_2411



# BeamBeam correction for Y5\_2451



# BeamBeam correction for Y5\_2674

