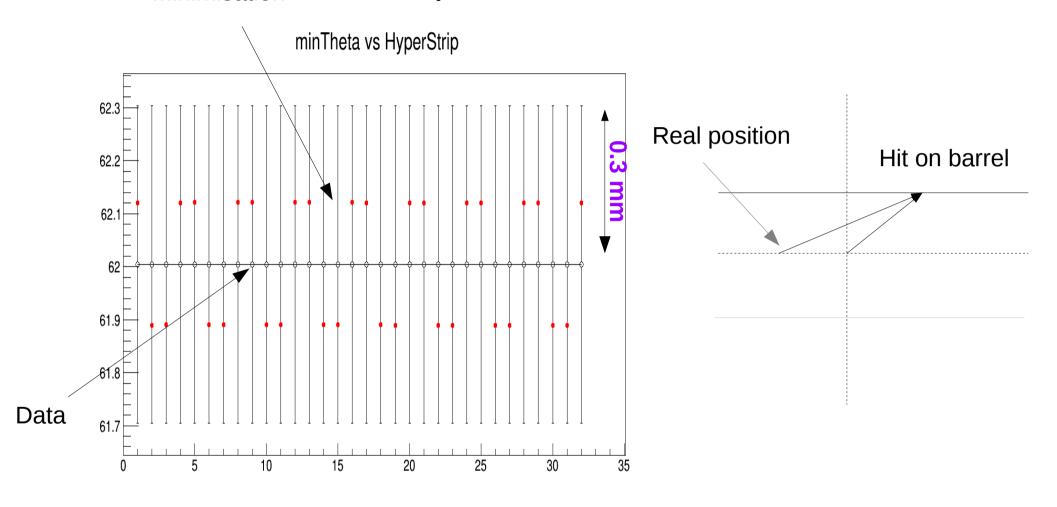
Beam Position minimization

11 May 2017

Minimisation

Test, mock data



Input Shift (mm)

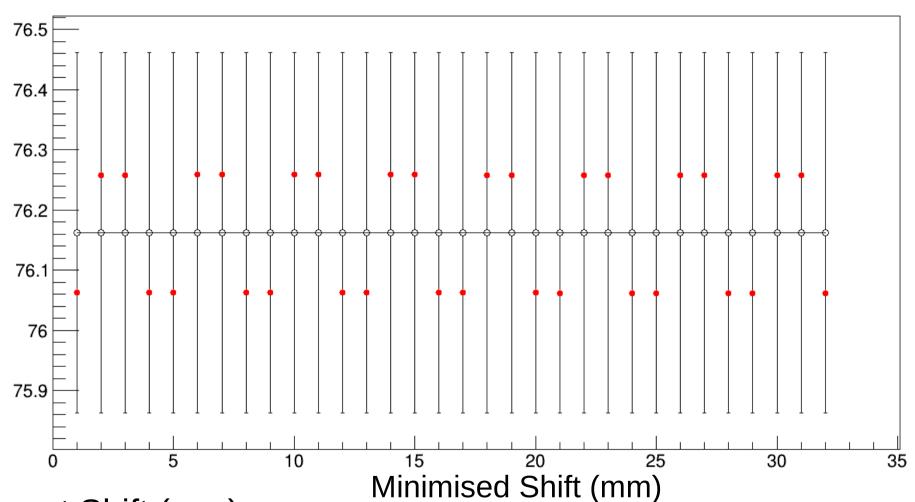
X,Y,Z = 0,0,5.70

Minimised Shift (mm)

BeamSpot: -0.00144287 -0.00144287 5.72624

BeamSpotErr: 2.82839 2.82839 0.727976

minTheta vs HyperStrip

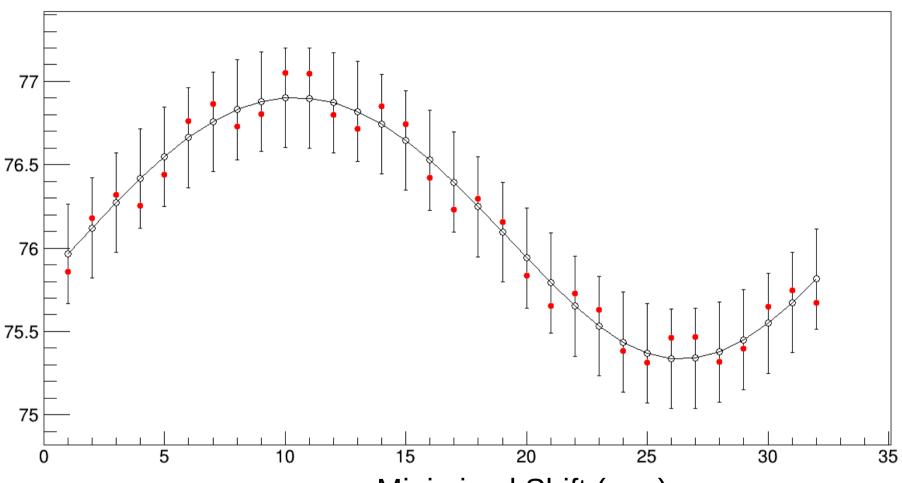


Input Shift (mm)

X,Y,Z = 0,0,-4.0

BeamSpot: 0 0 -4.02

minTheta vs HyperStrip



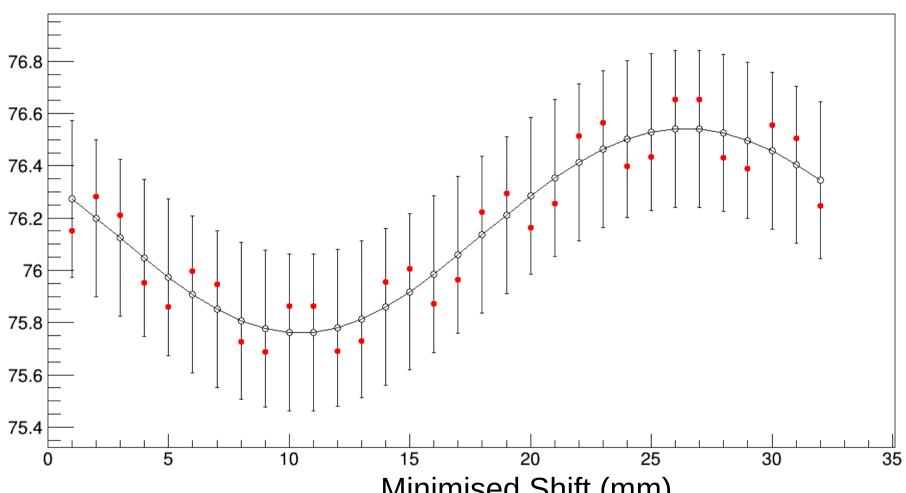
Input Shift (mm)

X,Y,Z = 0,2.0,-4.0

Minimised Shift (mm)

BeamSpot: -0.02 1.36 -4.01

minTheta vs HyperStrip



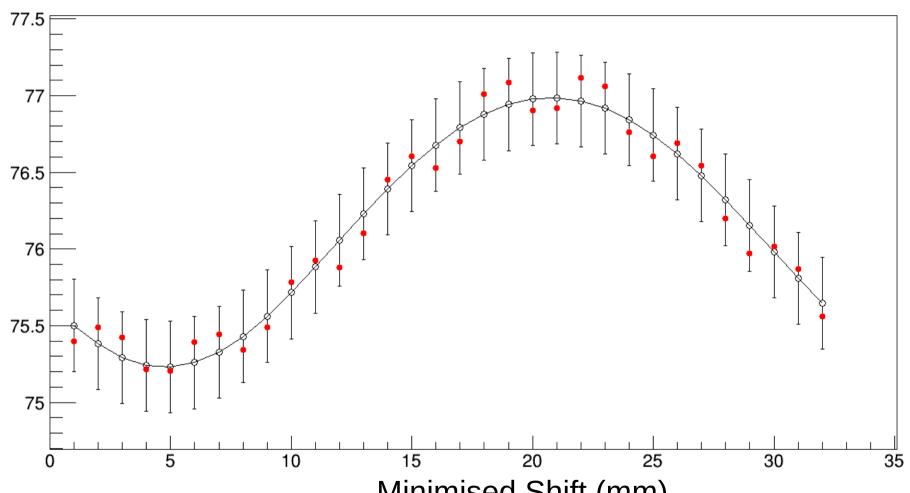
Input Shift (mm)

X,Y,Z = 0,-1.0,-4.0

Minimised Shift (mm)

0.011 -0.68 -4.02 BeamSpot:

minTheta vs HyperStrip



Input Shift (mm)

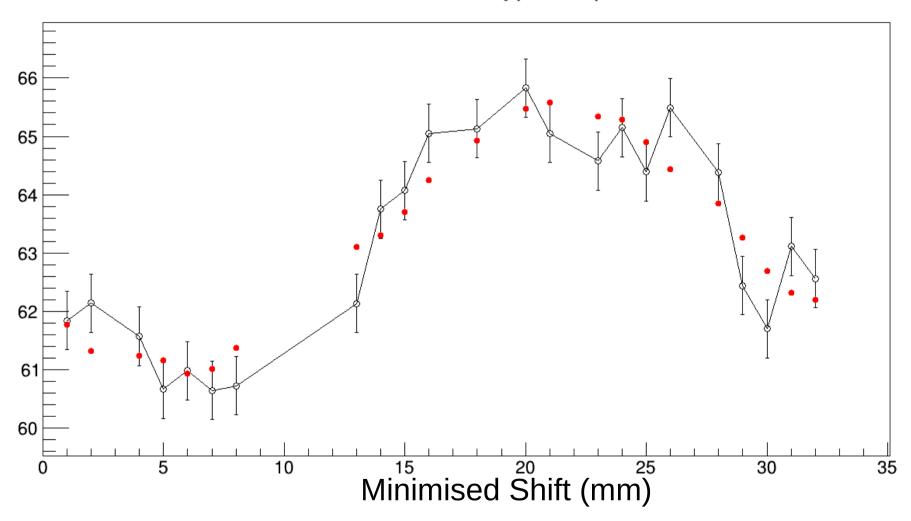
X,Y,Z = 2.0,.-1.0,-4.0

Minimised Shift (mm)

1.37 -0.66 -4.01 BeamSpot:

Data Mg25

minTheta vs HyperStrip



BeamSpot: 3.80 -2.39 4.46

BeamSpotErr: 2.59 2.75 0.71

Data Mg25

