



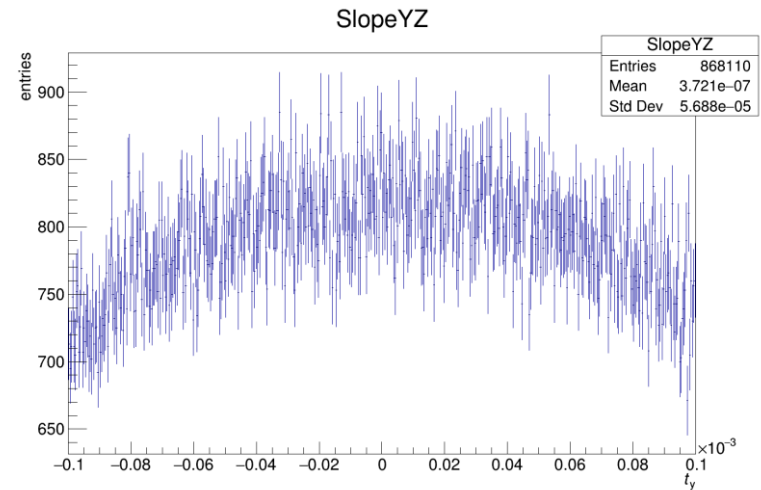
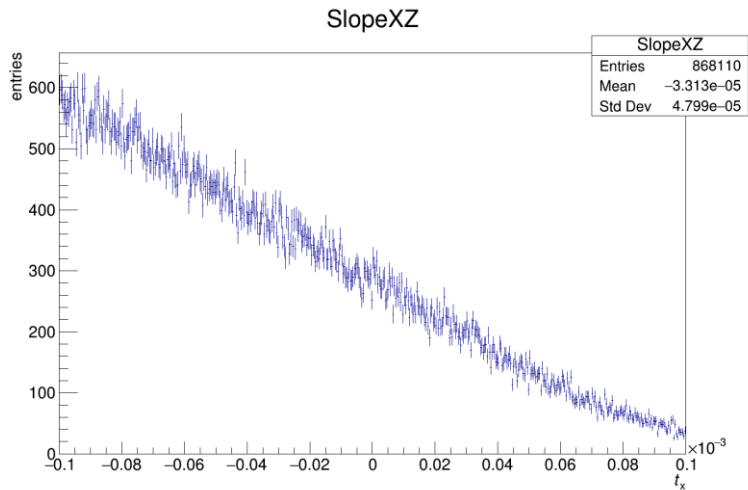
# Weekly meeting

24 January 2019

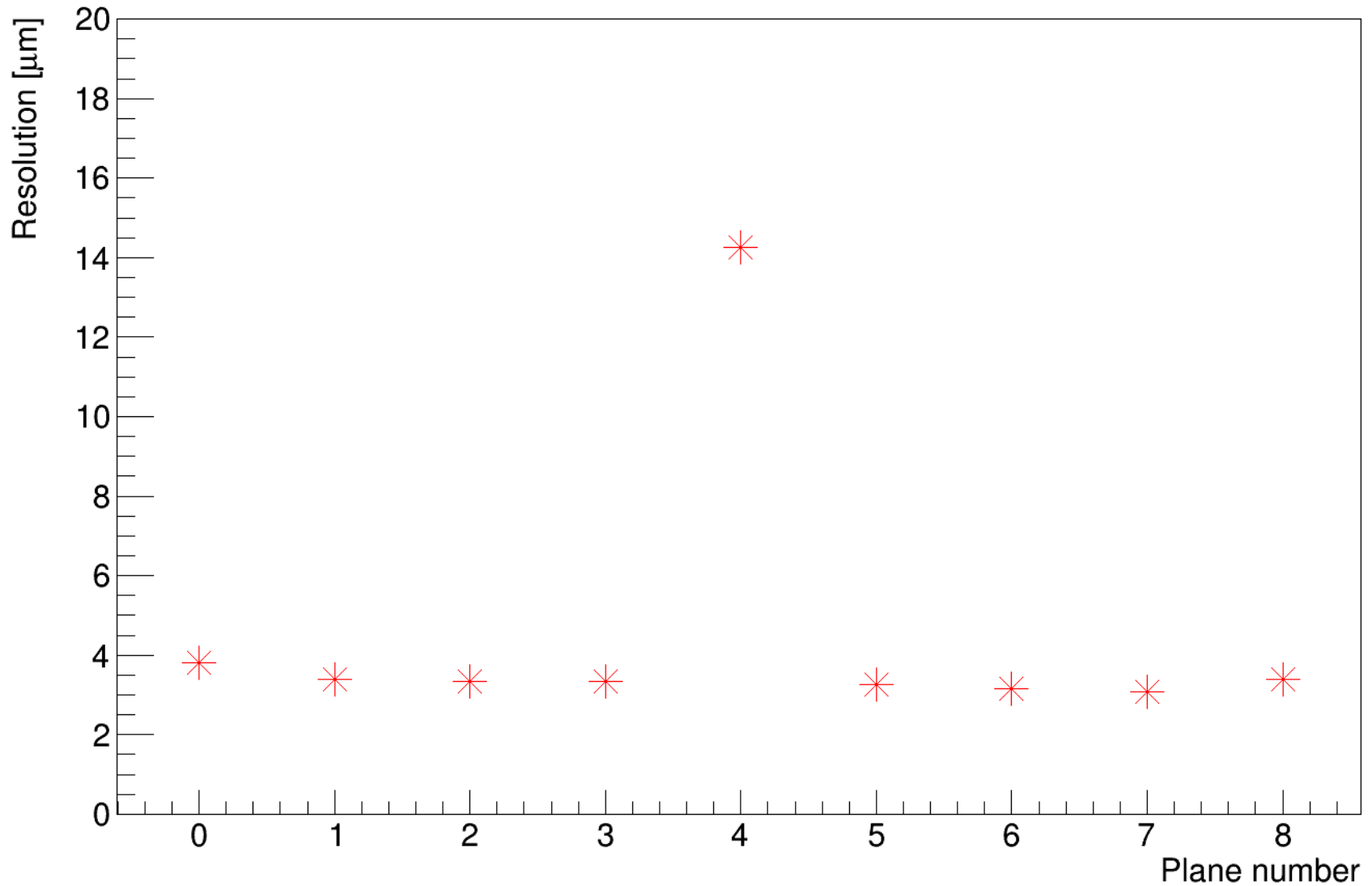
Peter Bosch

# Track slopes

- To see angle between track and z-axis



# Resolution telescope arms



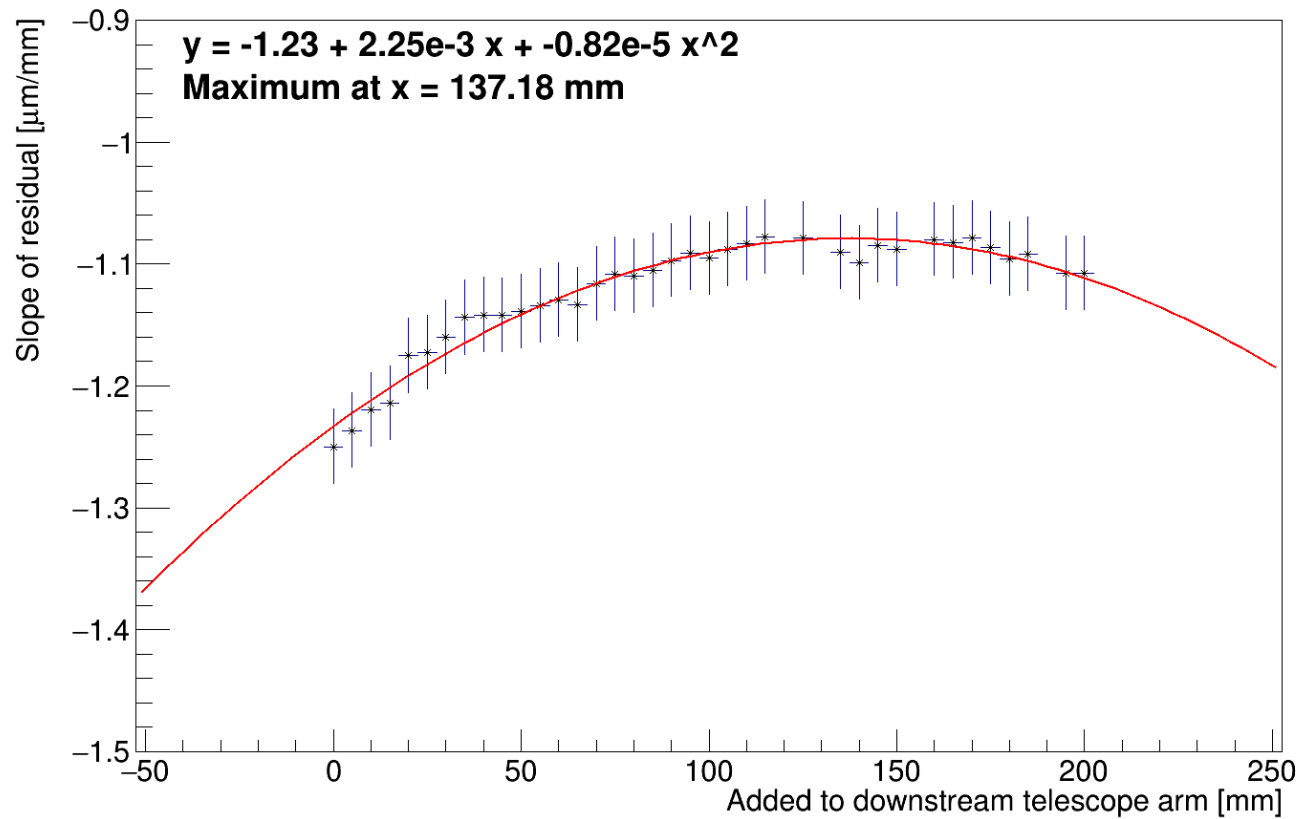
# Change alignment manually

- Add (or subtract) slope of residual
- Check new slope

Angle	Slope [ $\mu\text{m}/\text{mm}$ ]
$\beta - \text{asin}(\text{slope})$	-1.30787
$\beta$	-1.30763
$\beta + \text{asin}(\text{slope})$	-1.30740

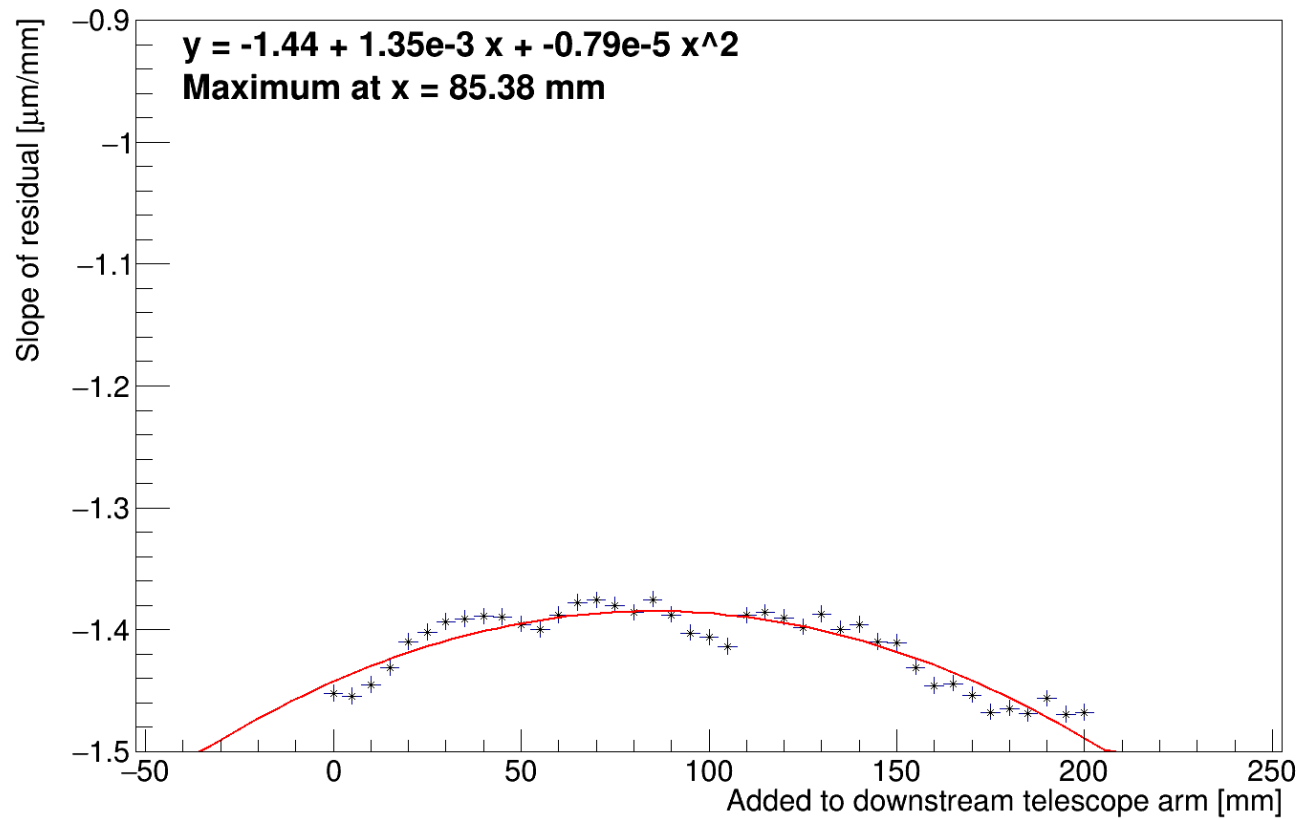
# Varying z-position arms

Effect of misaligned telescope, run 31618 (285  $\mu\text{m}$  3D)



# Varying z-position arms

Effect of misaligned telescope, run 31404 (50  $\mu\text{m}$ )



# Varying z-position arms

- Total distance between arms: 53 and 47 cm resp.
- Measured distance: 45 cm
- Still alignment or something else???

# Contacting Tim

- Not yet succeed
- To be continued...