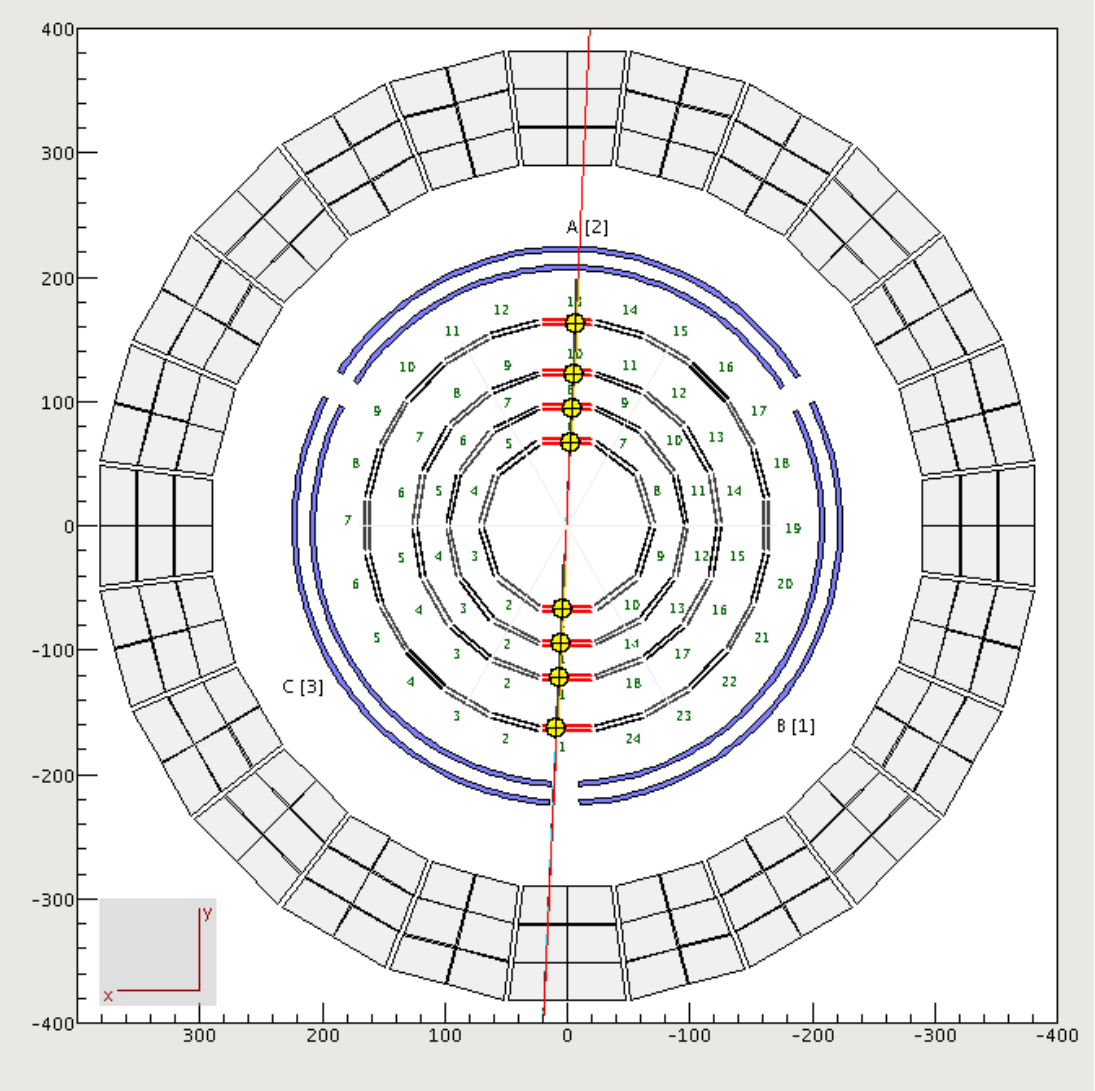
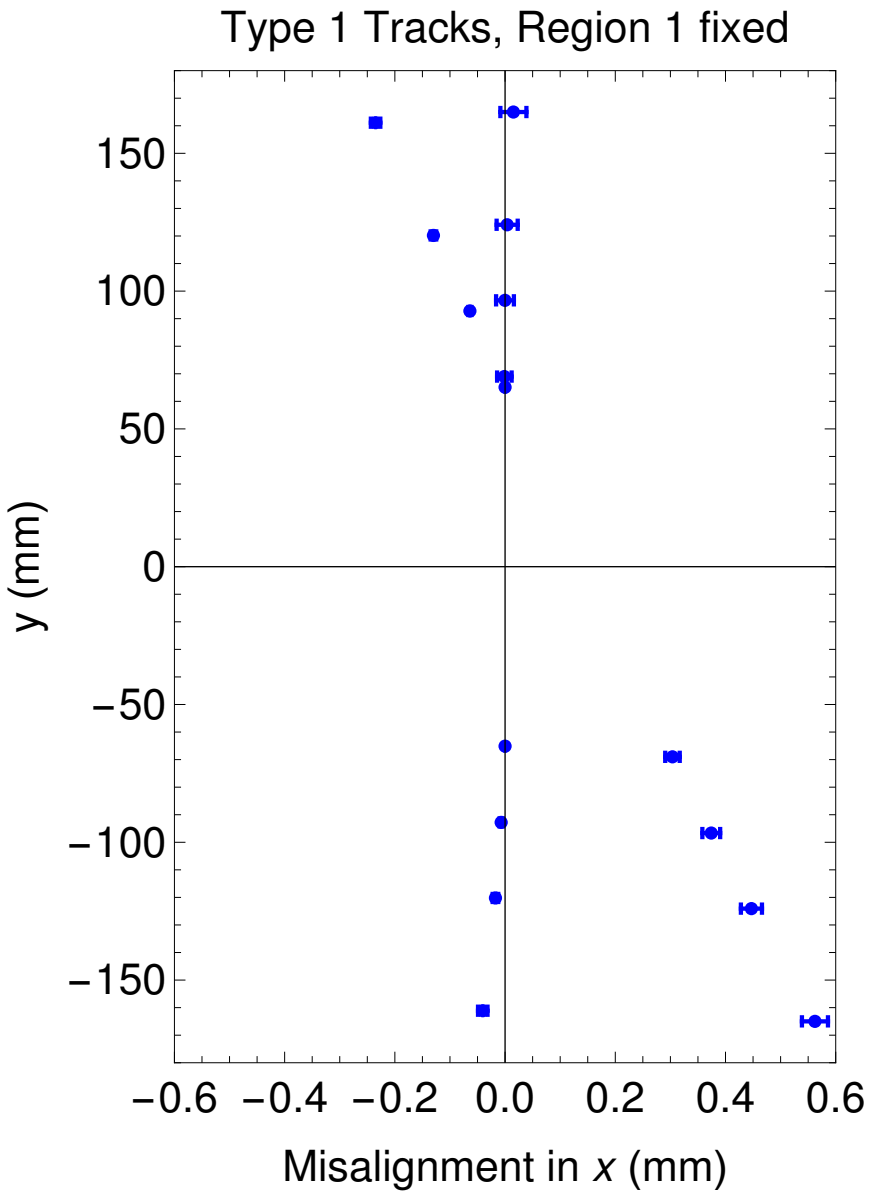
CLAS12 SVT Geometry

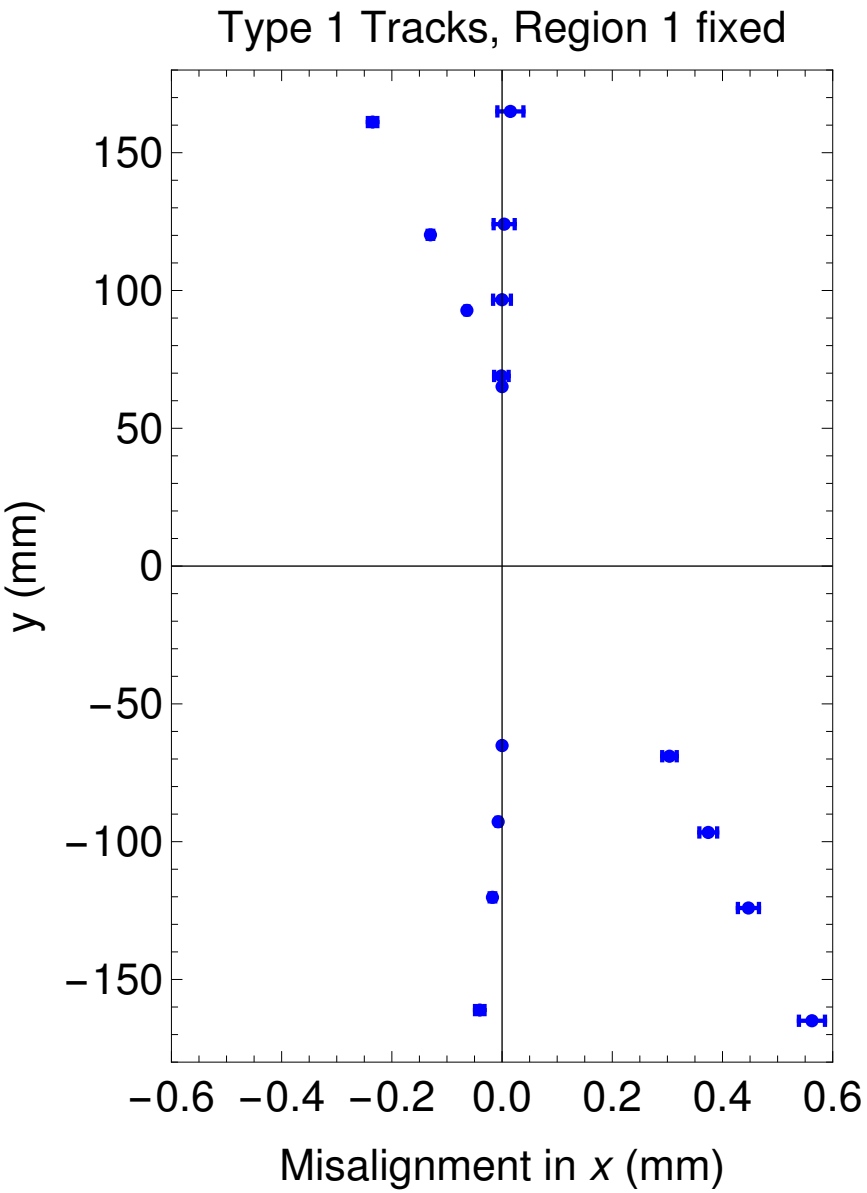


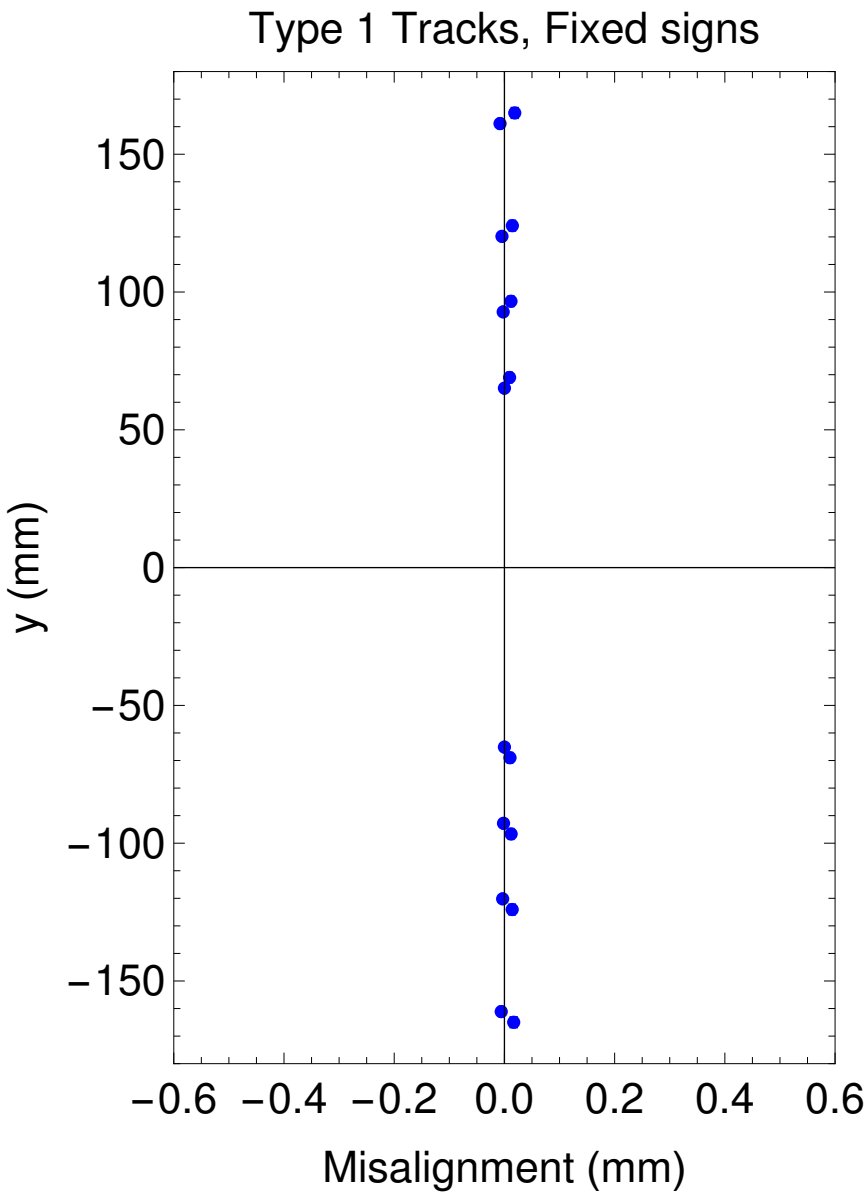
1. Goal: Correct mis-alignments of SVT to reach design resolution of $\approx 65\ \mu m$.
2. Use `millepede` which does linear least-squares for large numbers of global parameters.
3. Requires calculation of track residuals with respect to SVT strips.
4. Using Type 1 *gemc* tracks.
5. Compare results with residuals from clas12-reconstruction.

CLAS12 SVT Geometry

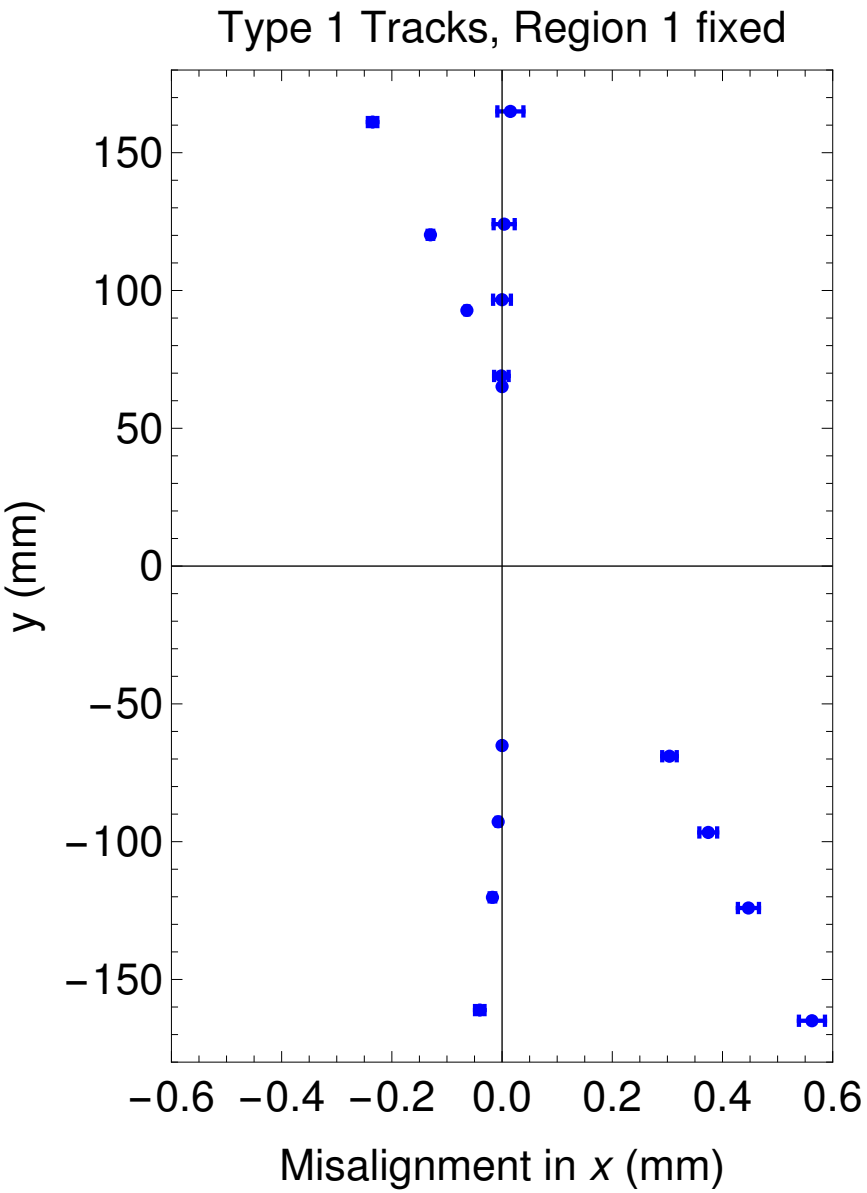


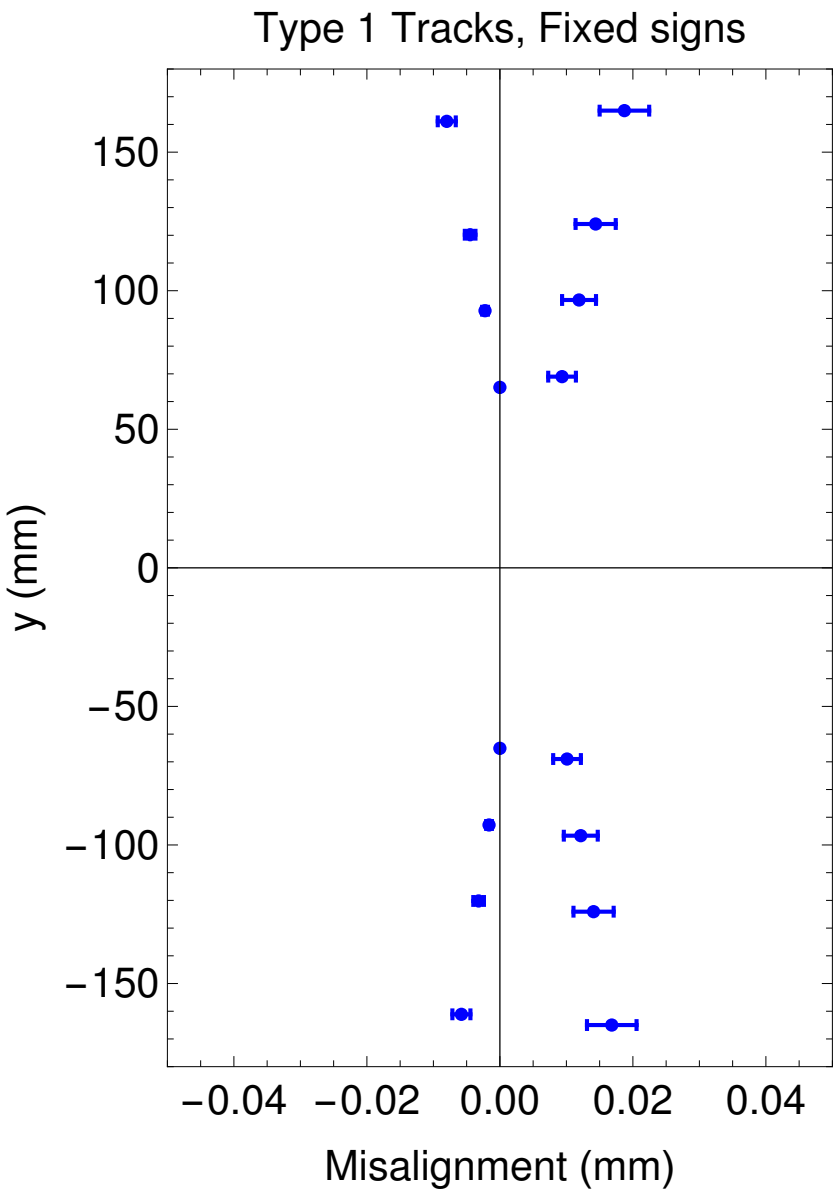
CLAS12 SVT Geometry



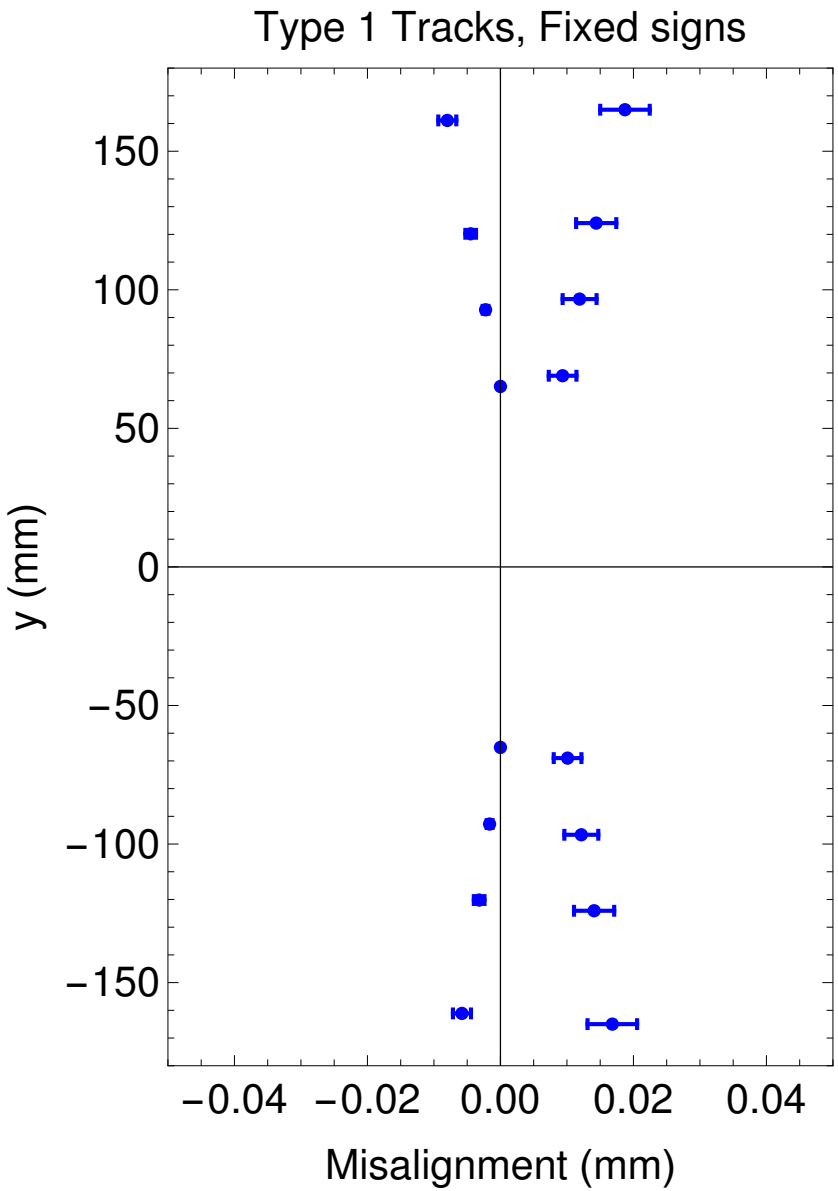


CLAS12 SVT Geometry

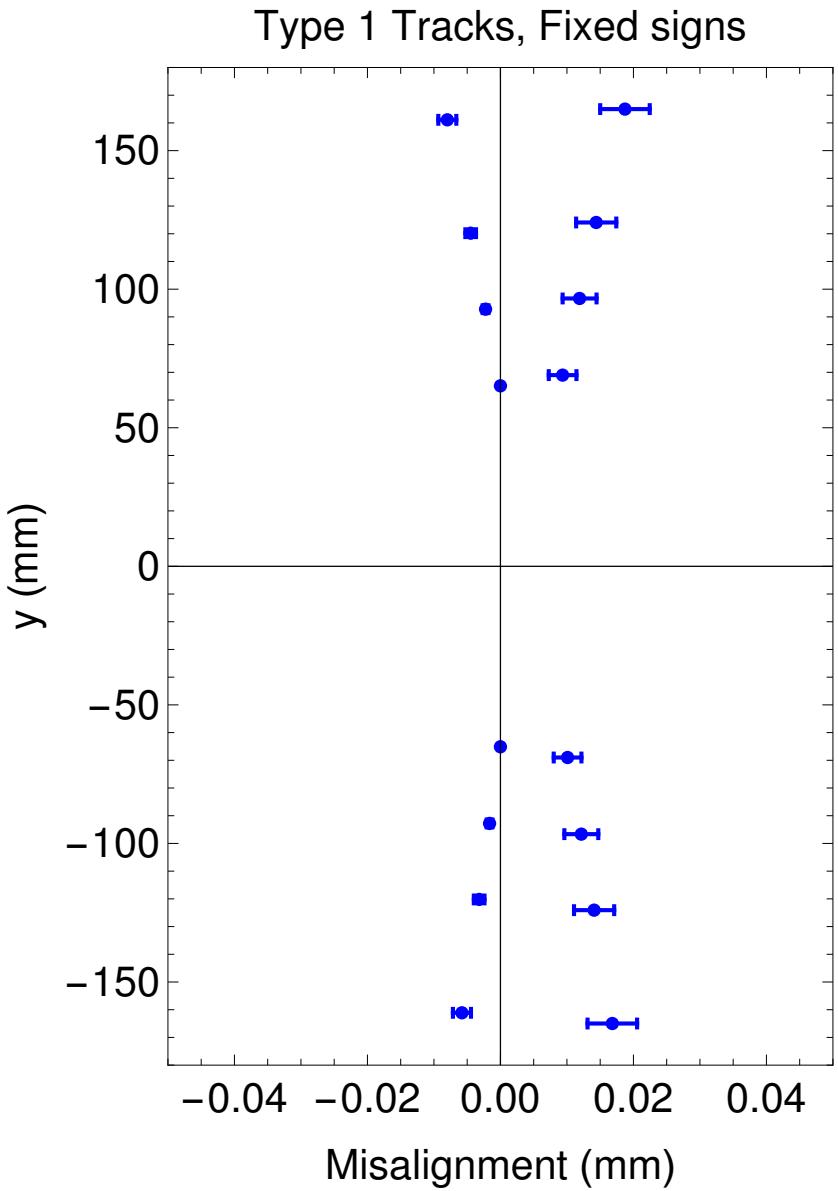


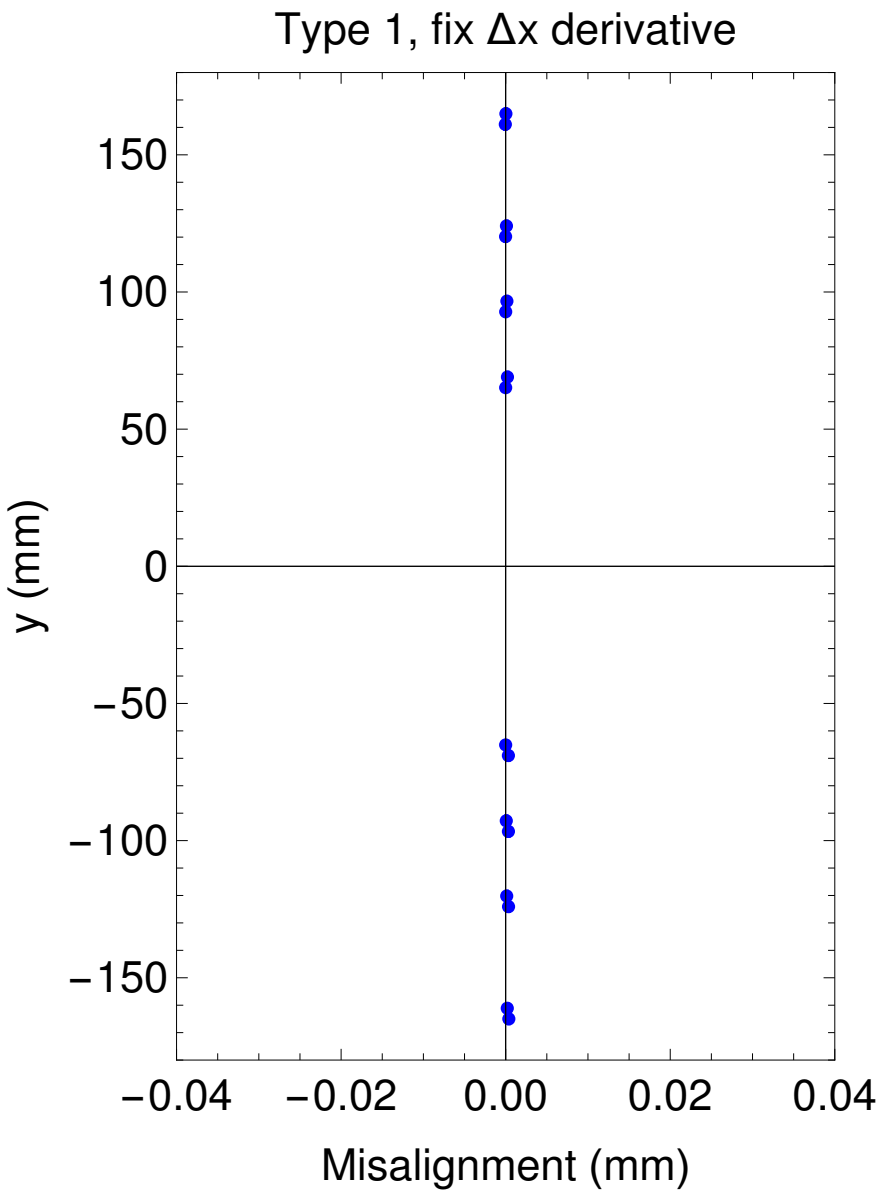


CLAS12 SVT Geometry



CLAS12 SVT Geometry





CLAS12 SVT Geometry