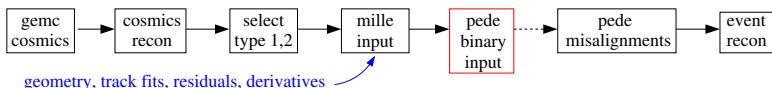


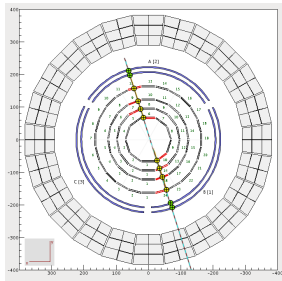
SVT Track-Based Alignment - Beyond Type 1

- 1 Sequence of steps for track-based alignment with millepede.



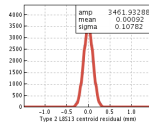
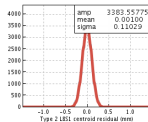
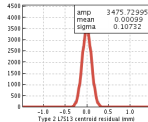
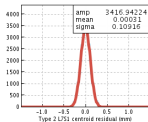
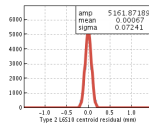
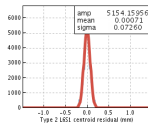
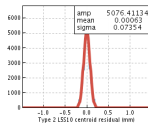
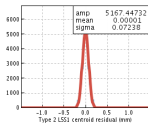
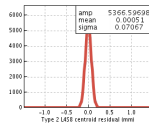
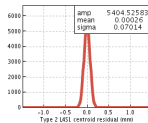
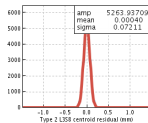
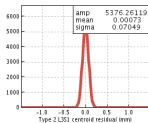
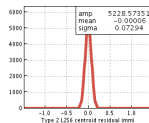
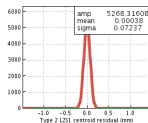
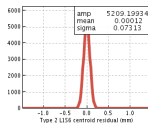
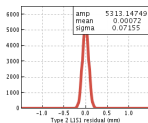
- 2 Extend code for all SVT topologies - generalized algorithms.

- 1 Type 1 and Type 2 comparisons and visualizations validate code.
- 2 beta version of Mille input code done.
- 3 Writing pede binary input code now.
- 4 Requiring 8 crosses for a good track.
- 5 Added monitoring histograms.



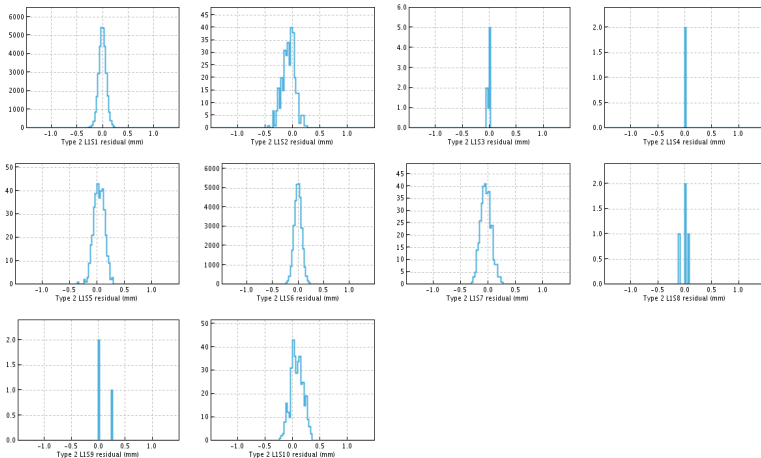
SVT Track-Based Alignment - Back to the future

- 1 *gemc* sample of cosmics with ideal geometry.
- 2 Contains both Type 1 and Type 2 events.
- 3 Check centroid residuals of Type 1 sectors.



SVT Track-Based Alignment - Beyond Type 1

- 1 Now focus on all the sectors - start with Layer 1.
- 2 Statistics is dominated by type 1 events.
- 3 Drop-off in sectors illuminated with type 2 events expected.



SVT Track-Based Alignment - Beyond Type 1

- ① Effect of turning off χ^2 cut - this is a small fraction of the sample.

