SVT Track-Based Alignment With Millepede

1 Analysis chain: red boxes - Java; green boxes - C⁺⁺.



gemc version 4.3.0; COATJAVA 5.7.4; Tracker - latest.



Select a single, type-2 topology by setting bits for each layer-sector and histogramming the result. Require twelve, single-hit clusters, no repeated sensors and pick the most common one.











Shifted Geometry ($\Delta x = 250 \ \mu m$)



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Residuals: Type-2, Single Topology, Ideal Geometry



Residuals: Type-2, Single Topology, Shifted Geometry

 $\Delta x = 250 \ \mu m$



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