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- Alignment of SVT with Type-1 cosmic events (all horizontal sectors with sixteen layers) demonstrated.
- Working on Type-2 events any event with sixteen layers, eight crosses.
- Full chain from simulation to extracting millepede fit parameters running.

Solution Testing code with simulated Type-1 events.

- Compare Type-2 code results with working Type-1 code in ideal geometry.
- Several bugs found indexing issues.
- Magnitude of global and local derivatives agree.
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- Extracted misalignments approaching expected values.



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dDOCA dmyz

DOCA - distance of closest approach, myz - slope in y - z plane.

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CLAS12 SVT Track-Based Alignment