

ttbar sample test

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Plan

❖ **setup Sohail's code for ttbar analysis**

- ▶ original code is prepared for v01-19 with ROOT5
- ▶ Need some modification for v01-19-06 —> done.

❖ **test from LCFIPlus side**

- ▶ a first test with physics samples.
- ▶ compare v01-19-06 ttbar sample and corresponding DBD sample.
- ▶ use a common software setup (High level reco.)
- ▶ check # of primary/secondary/v0 vertices, vertex positions, etc

❖ **test from analysis side**

- ▶ compare v01-19-06 ttbar sample and corresponding DBD sample.
- ▶ use a common analysis code provided by Sohail.
- ▶ Look at several observables (mass, polar angle, etc).

Some questions

- ❖ **For ttbar sampe, what is the best configuration for flavour-tag training?**
 - ▶ 6q500_v02_p01?
 - ▶ Better to re-train with a new samples?
- ❖ **DBD sample corresponding to the new sample**
 - ▶ only 108679 to 108680 (= yyuyyc.eL.pR and yyuyyc.eR.pL)?