

TOFW, Timing, and

All That Crap

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Status of TOFW (Mech.)

✂ **83 slats last year**

✂ **125 slats for this run**

- **Symmetric dist.—10 cm move of old**
- **Disc. And cables in place**
- **2 new panel installed next 2 weeks**
- **TDCs and ADC in Place**
- **DAQ software reconfiguration taking place**

TOFW Performance (last run)

- x **Timing resolution (see slide)**
- x **T.O.F vs P (see slide)**
- x **Invariant Mass (see slide)**
- x **Overall performance is okay but design was for k-pi separation to 2.2 GeV/c (now 1.6)**
- x **Studies will continue to determine the cause and improve.**
- x **Calibration Slats will be added. Horiz slats behind tofw**

Timing calibration

- ✕ **Establish Hardware and software tools to calibrate and monitor timing calibration**
- ✕ **Time Calibrator in place for H1,H2,BB,TOFW**
- ✕ **Software almost ready for TDC calibrations**
- ✕ **Add a TDC in BB to monitor starts**
- ✕ **Run calib. on pulser (#8) Trigger?**

TPC Y calibrations

- ✕ **Allow for slats/fibers behind TPCs**
- ✕ **Cables are Ordered (MRS)**
- ✕ **Tubes (from TOFW or RICH)**
- ✕ **2mm sq. fibers are ordered**
- ✕ **TDC in TOFW crate (MRS)**