

## TOF Calibrations

### 1 New Tables

TOF/timing_offsets	
1 – 176	timing offset, $t_0$ (ps)

TOF/timing_scales	
1 – 176	count-to-picosecond conversion factors

TOF/pedestals	
1 – 176	ADC pedestal values (ADC counts)

TOF/timewalk_params	
176 rows	
a	parameters for per-channel timewalk correction
b	[number to be determined]
...	

TOF/module_alignment	
dx	displacement of module centers from nominal (cm)
dy	
dz	

TOF/module_sizes	
length	measured module sizes (cm)
width	

<b>TOF/timing/tdc_params</b>	
6 rows	
a b c d	per-TDC parameters

<b>TOF/timing/right_left_offset</b>	
1 – 168	right-to-left TDC channel timing offsets in each module to center $\Delta(t)$ at zero

<b>TOF/timing/tdc_relative_offset</b>	
1 – 91	Timing offsets of TDCs with respect to each other (ps)

<b>TOF/timing/overall_offset</b>	
TOF_OVERALL_T0	time offset with respect to global timing (ps)