Data Members

protected:

Int_t	fNRun	*run number*
Int_t	fNEvent	*event number*
Int_t	fDate	*date from event structure*
Int_t	fTime	*time from event structure*
Int_t	fNPoint	*number of points*
Int_t	fNItrack	*number of itracks*
Int_t	fNRtrack	*number of rtracks*
Int_t	fNRtrackKpass	*number of rtracks found in kink finder passes*
Int_t	fNTrack	*number of tracks*
Int_t	fNVertex	*number of vertices found*
Int_t	fSumAdc	*sum of all rawdata ADC counts*
Float_t	fTmeanCharge	*mean of the truncated mean charge*
Float_t	fAvgResX	*mean abs x residuum of all i/rtracks*
Float_t	fAvgResY	*mean abs y residuum of all i/rtracks*
Float_t	fCurVdrift	*vdrift for this event from charge step*
Float_t	fAveVdrift	*the running average vdrift from charge step*
Float_t	fRawVdrift	*vdrift from raw data*
Float_t	fMonVdrift	*processed time dependent drivt velocity (S')*
Int_t	fIflagVdMod	*the success flag of the vdrift module*
Float_t	fGasGain	*gain factor from raw data*
Float_t	fEvtGain	*eventwise gain factor*
Float_t	fTemperature	*temperature from raw data*
Float_t	fPressure	*pressure from raw data*

Class Description

The T49MonitorTPC is a NA49 data class that is filled during production of the ROOT49 mini-DST. The information is extracted from the monitor_tpc_t structures that are filled during the DST production