Subject: Re: FRS - TPC Calibrations
Posted by SMilne on Wed, 16 Jul 2014 11:45:51 GMT
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Hi Liliana,

Thanks for your response. It is good news you can see them all and at least the files are fine. I checked my tracking.config, which is slightly different only for TPC21 and TPC22 (highlighted in red):

```
 ##############################################################################
# TPC S21
 ##############################################################################
processor Frs/TpcS21 FRS.StandardTpc
	times[0:7]	<-  FrsTpcCrate.tdc0[16:23]

	#for $i in [0:3]
	# times[$i] <- FrsTpcCrate.tdc0[16]
	#end
	# second delay line has problems, we get better x-position if we take only data from first delay line
	#times[4:5] <- FrsTpcCrate.tdc0[20:21]
	#times[6:7] <- FrsTpcCrate.tdc0[20:21]

	amplitudes[0:7]	<-  FrsTpcCrate.adc0[16:23]
	fiber		<-  FrsTpcCrate.tdc1[23]
	display	xc			in TPCs/TpcS21/xs
	display	yc			in TPCs/TpcS21/ys
	display	x:y	1000,-50,50:300,0,200  in TPCs/TpcS21
	display	x	1000,-100,100		in TPCs/TpcS21
	display	y			in TPCs/TpcS21
	display	x_fiber:y_fiber		in TPCs/TpcS21
	display	checksums | gate_checksums	in TPCs/TpcS21
end
 ##############################################################################
# TPC S22
 ##############################################################################
processor Frs/TpcS22 FRS.StandardTpc
	times[0:7]	<-  FrsTpcCrate.tdc0[24:31]
	amplitudes[0:7]	<-  FrsTpcCrate.adc0[24:31]
	fiber		<-  FrsTpcCrate.tdc1[24]
	display	xc			in TPCs/TpcS22/xs
	display	yc			in TPCs/TpcS22/ys
	display	x:y	1000,-50,50:300,0,200  in TPCs/TpcS22
	display	y			in TPCs/TpcS22
	display	x	1000,-100,100		in TPCs/TpcS22
	display	x_fiber:y_fiber		in TPCs/TpcS22
	display	checksums | gate_checksums	in TPCs/TpcS22
end
 ##############################################################################
```

The only differences I can spot in TPC21 are commented out? However, I can try making that

change to TPC22 and it should work. Yeah, I am starting from the histograms in the 'xs' and 'ys' folders in Frs/TPCs/TpcS##, and things are calibrating nicely as expected for the TPC41 and TPC42. I do have a photocopy of the log book for this experiment, but perhaps this information will be further back, when these calibrations were made.

Thanks,
Scott