
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
