

Hi Scott,

Sorry for the delay.

The crates look fine, but the diff_visu does not. I think I know what it is.

First, just to check that is not a more fundamental error in the processor, please include the following lines in the config file

```
display hit_mult 100,0,100 in TofSystemMhTDC/Multiplicity
display hit_number_Sc21l 40,0,40
display hit_number_Sc21r 40,0,40
display hit_number_Sc41l 40,0,40
display hit_number_Sc41r 40,0,40
```

And show me the resulting histogram.

Second, are you sure you have the correct parameter file? So, that you have the correct number of ns_per_channel?

Finally, you mentioned that for the calibration files the timing from the processor looked fine, so can you please send me the data from the crates for one of the calibration files? Please also send me the diff_visu for this case just to be sure.

I think the problem is that the cabling was changed or delays modified. For me the time difference is negative, so I have a condition only on negative values (to save processing time), but I think for you it is positive.

I didn't consider this possibility before, but now I can improve the processor.

I will wait for your spectra to confirm the problem and if it is clear I will modify the processor to fit both of us.

Cheers,
Liliana