

Hi Tayfun,

Sorry for the delay in replying, it has been a busy week.

First, just as you said, I didn't manage to run the file you are using with prespec code. I do not understand why it runs in the new_prespec_Go4 code, but for the calibration I used file 132. For that file, one sees a kind of double grid in y direction. I think this was related to some problem in the delays used for y, but I am not sure. This was the main problem we had to fix. As these files are the same used for the calibration of the Pb experiment, I think you can give it a try to our calibration parameters

I want to point out that the calibration was made by Pico, by calibrating individually each y with the grid and after fixing them, calibrating x. Apart from that, he included a y offset to align the TPCs with the TargetDSSD.

So I would suggest that you put these parameters and give it a try.... Hopefully you will see y calibrated. Let me know how it goes

For TPC41:

Original calibration X (-5.45941 offset -left)

##

cal_x[0]	6.9059240	0.071844
cal_x[1]	2.565379	0.073667

##

for S429 file 7 TPC projected at TARGET DSSSD were Y-centered at +25.6522

##

Target DSSSD was Y-centered at -1.51222 so the offset was set to match

##

cal_y[0]	30.523964	-0.036214
cal_y[1]	30.971966	-0.036226
cal_y[2]	32.407504	-0.036935
cal_y[3]	32.488682	-0.036932

For TPC 42

Original calibration (+1.3447 offset -right)

##

cal_x[0]	-1.708523	0.073670
cal_x[1]	0.423916	0.074975

##

for S429 file 7 TPC projected at TARGET DSSSD were Y-centered at +25.6522

##

Target DSSSD was Y-centered at -1.51222 so the offset was set to match

##

cal_y[0]	22.986629	-0.038519
cal_y[1]	22.733846	-0.038766

cal_y[2]	21.329802	-0.038116
cal_y[3]	20.819015	-0.037600
