

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, ones 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 this 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 this 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
