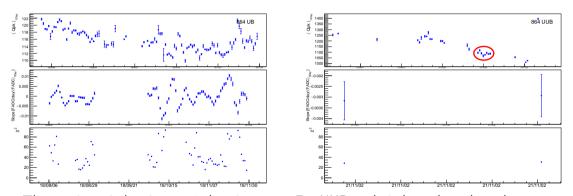
# Accuracy of $\mathrm{Q}^{pk}_{\mathrm{VEM}}$ fit for UB and UUB

Mauricio Suárez Durán and Ioana C. Mariș

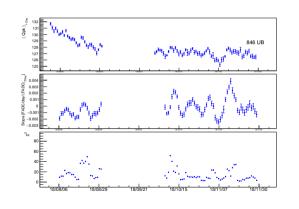
**IIHE-ULB** 

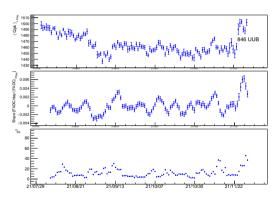
February 9, 2022

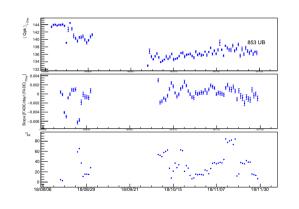


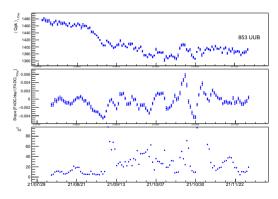


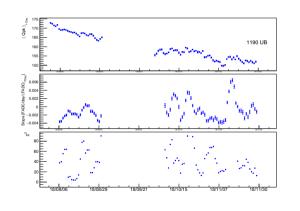
The moving window is over 7-days in a row. For UUB, red circle enclose the only 8-days in a row available for fir, i.e. only two fits.

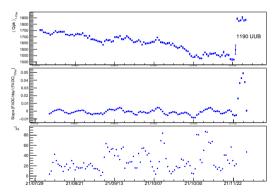


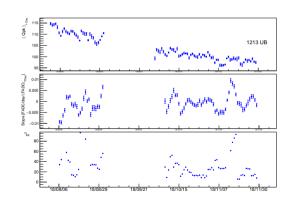


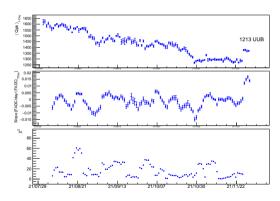


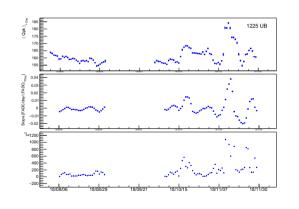


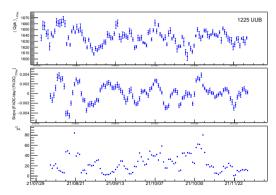




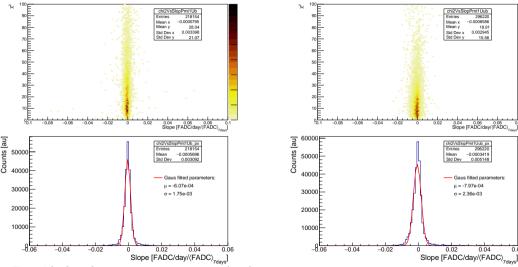






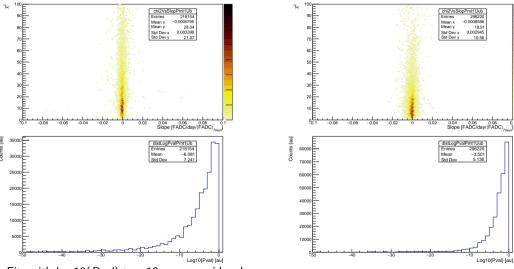


### Moving window algorithm results



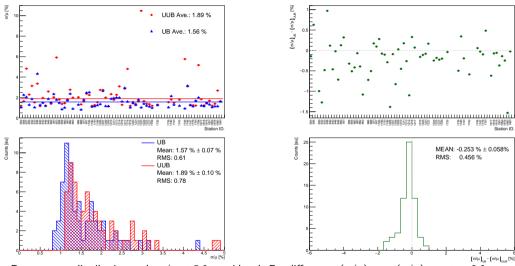
Fits with slope between  $\mu \pm \sigma$  were considered.

### Moving window algorithm results



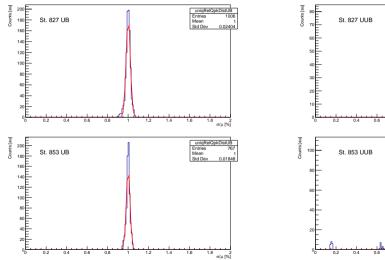
Fits with  $\log 10(Pval) > -10$  were considered.

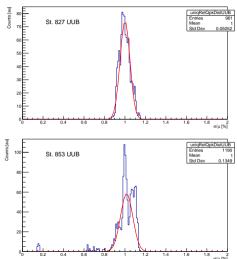
### Accuracy results



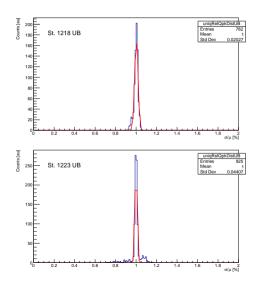
For accuracy distribution, only  $\sigma/\mu < 5.0$  considered. For difference,  $(\sigma/\mu)_{\rm UB} - (\sigma/\mu)_{\rm UUB} > -2.0$ .

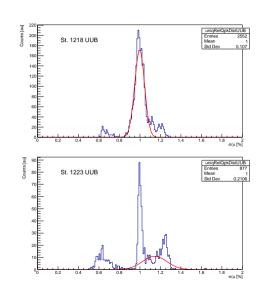
## Outliers, $(\sigma/\mu)_{\rm UB} - (\sigma/\mu)_{\rm UUB} > -2.0 \%$





## Outliers, $(\sigma/\mu)_{\rm UB} - (\sigma/\mu)_{\rm UUB} > -2.0 \%$





## Outliers, $(\sigma/\mu)_{\rm UB} - (\sigma/\mu)_{\rm UUB} > -2.0 \%$

