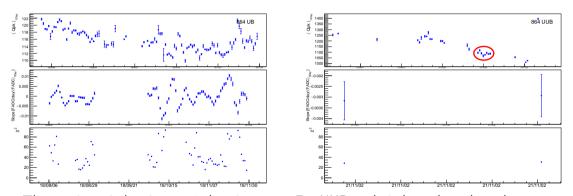
Accuracy of $\mathrm{Q}^{pk}_{\mathrm{VEM}}$ fit for UB and UUB

Mauricio Suárez Durán and Ioana C. Mariș

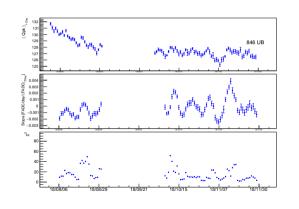
IIHE-ULB

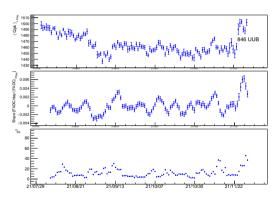
February 14, 2022

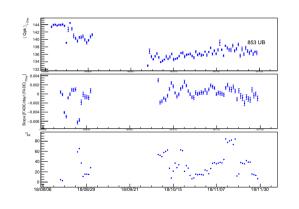


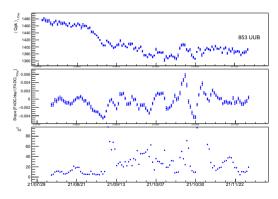


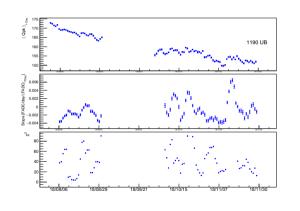
The moving window is over 7-days in a row. For UUB, red circle enclose the only 8-days in a row available for fir, i.e. only two fits.

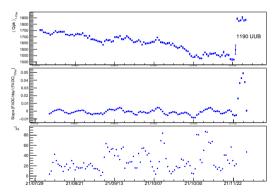


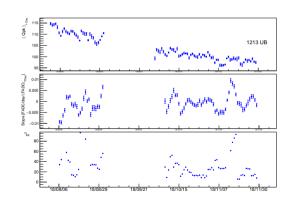


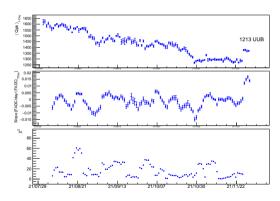


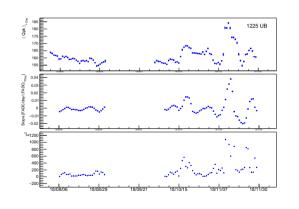


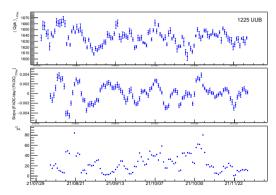




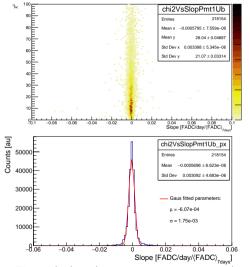




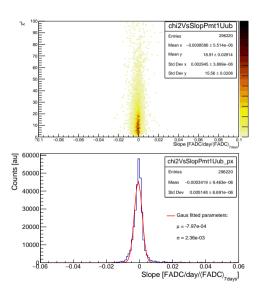




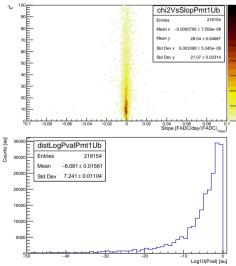
Moving window algorithm results



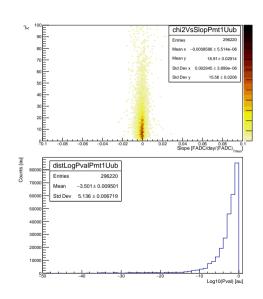
Fits with slope between $\mu \pm \sigma$ were considered.



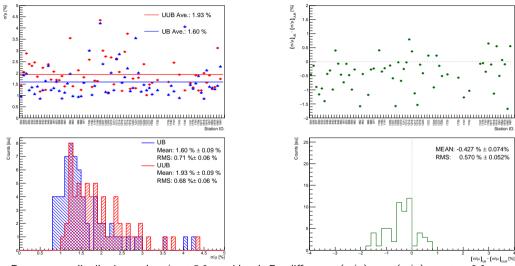
Moving window algorithm results



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

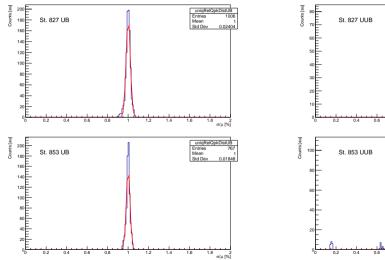


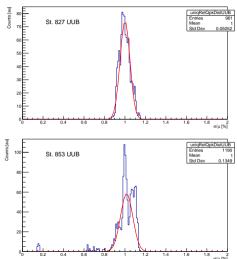
Accuracy results



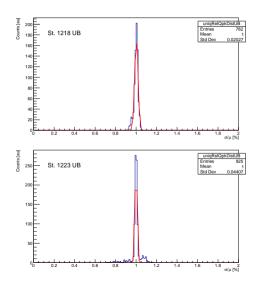
For accuracy distribution, only $\sigma/\mu < 5.0$ considered. For difference, $(\sigma/\mu)_{\rm UB} - (\sigma/\mu)_{\rm UUB} > -2.0$.

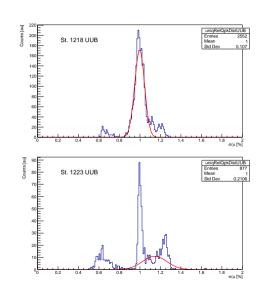
Outliers, $(\sigma/\mu)_{\rm UB} - (\sigma/\mu)_{\rm UUB} > -2.0 \%$





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





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

