

Accuracy of Q_{VEM}^{pk} fit for UB and UUB

Mauricio Suárez Durán and Ioana C. Mariş

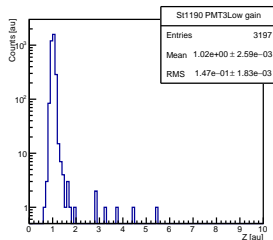
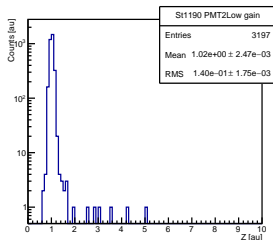
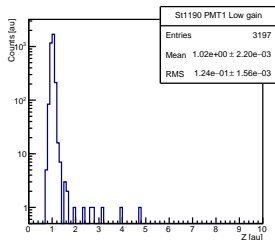
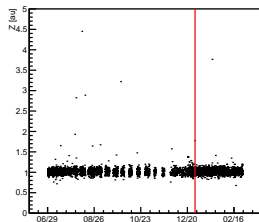
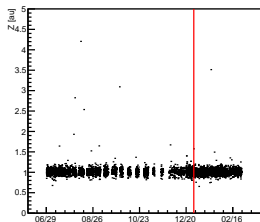
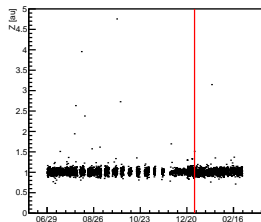
IIHE-ULB

March 2, 2022



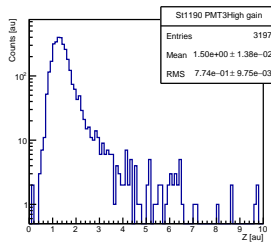
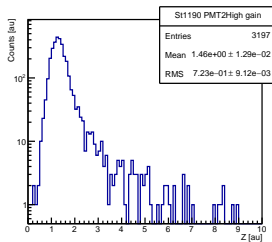
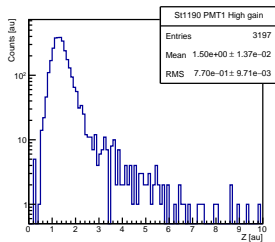
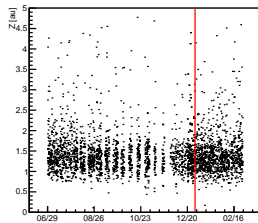
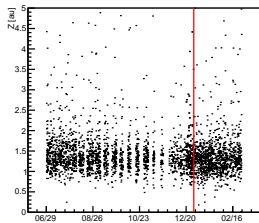
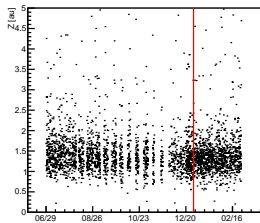
Baseline stability

Station 1190, low gain. $Z = (\mu_1 - \mu_2) / \left(\sqrt{\sigma_1^2 + \sigma_2^2} \right)$, 1 first 100 bins, 2 last 100 bins.



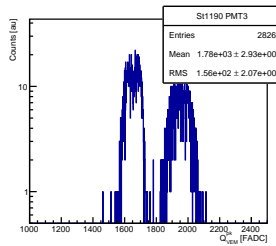
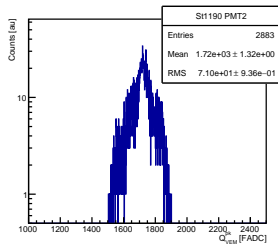
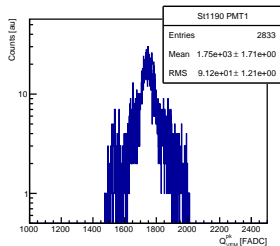
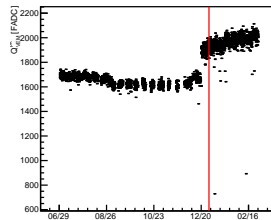
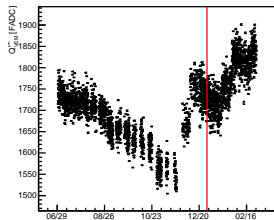
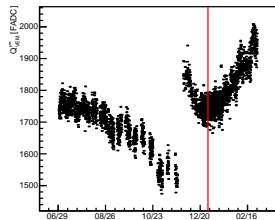
Baseline stability

Station 1190, high gain



$Q_{\text{VEM}}^{\text{pk}}$ for events with $Z < 2$. High gain.

Station 1190



Signal for events with $Z < 2$. High gain.

Station 1190

