

CMS RPC Integrated Charge

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CMS RPC Integrated Charge is a current related data analysis which provides one of the most significant physical parameters crucial for monitoring the detector ageing quantities. Using the new format of storing RPC detector currents in the CMS_RPC_COND database schema on cms_omds_lb provides a boost in the fast calculation of the current integrated in time for every single HV channel. The poster will present updated plots of the RPC Detector Integrated Charge as of the end of the operational 2017 and extrapolated charge to 3000 fb⁻¹.

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