

Angular analyses at CMS

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Angular analyses of penguin B hadron decays such as $B^0 \rightarrow K\ell\ell$ constitute one of the main indirect probes of new physics at LHC, due to the clean theoretical predictions and precise experimental results that can be obtained. In this report we present the most recent results of the CMS experiment on this subject, including the measurement of the P_1 and P_5' angular variables in $B^0 \rightarrow K\mu\mu$ decays and the angular analysis of the $B^{+-} \rightarrow K^+\mu\mu$ process.

Files

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