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Production and decay of HF in ATLAS

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The angular analysis of the decay of $B_d \rightarrow K^* \mu \mu$ for a number of angular coefficients are measured as a function of the invariant mass squared of the di-muon system for data collected at 8 TeV. Comparison is made to theoretical predictions, including for the observable P'_5 , for which there has been recent tension between theory and experiment. In addition the study of kinematical correlations in B hadron pair production is also presented.

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