

Rare B decays at CMS including B->di-muonic decays

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The rare decays $B_s(B^0) \rightarrow \mu^+\mu^-$ and $B^0 \rightarrow K^*\mu^+\mu^-$ are an excellent test of the flavor sector of the Standard Model and provide sensitivity to models with extended Higgs boson sectors. We report on searches for these decays with the CMS experiment using pp collisions at a centre-of-mass energy $\sqrt{s}=7$ TeV collected in 2011.

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