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Search for $B_{(s,d)} \rightarrow \mu\mu$ in CMS

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The rare decays $B_{(s,d)} \rightarrow \mu\mu$ provide an excellent test of the flavor sector of the Standard Model and provide sensitivity to models of new physics with extended Higgs boson sectors. We report on a search for these decays with the CMS experiment using data taken until Summer 2011.

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