

Search for a narrow $\mu^+\mu^-$ state produced in association with b-quark at $s=\sqrt{13}$ TeV

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The report is dedicated to the results of search for resonances, decaying to $\mu^+\mu^-$ in mass region 12-70 GeV, produced in association with two jets, one of which is b quark jet. The research was done using data collected in CMS experiment in 2016 in pp collisions at $\sqrt{s} = 13$ TeV. Events were divided into two independent categories: first event category contained one b quark jet in central region ($|\eta| < 2.4$) and one forward jet ($|\eta| > 2.4$), while in second event category both jets are central. Comparison with results, obtained with data, collected in pp collisions at $\sqrt{s} = 8$ TeV was done.

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