

Study of LFV decays $B \rightarrow l^+ \tau^-$ at Belle

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Lepton-Flavor-Violating B decays $B \rightarrow l^+ \tau^-$ ($l = e, \mu$) are forbidden in the Standard Model(SM), but they are predicted to occur in many theories beyond SM. Observation of these decays would be clear evidence of physics beyond SM. We present a study of signal and background suppression using Neural Network method and expected upper limit in Belle experiment. Also, We present the result of comparison between data and MC.

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