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Measurements of quarkonia production in jets at LHCb

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Quarkonia and tetraquark production have been long-standing puzzles in particle physics. The polarisation measurement of J/ψ is expected to have significant transverse polarisation at large p_T , but has been experimentally observed to be consistent with zero. Hard production of onia processes using NRQCD formalism are available in MC generators, such as Pythia8. However, these processes alone cannot fully describe the data. Here, we will present results from LHCb measuring the production of quarkonia in jets.

Present via

Online

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