

Production of D-wave states of bc quarkonium at the LHC

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We study the hadronic production of D -wave states of $\bar{b}c$ quarkonium. The relative yield of such states is estimated for kinematic conditions of LHC experiments. The direct $B_c(D)$ production is complemented by NRQCD contributions being the same order $O(v^4)$. The NRQCD matrix elements are estimated within naive velocity scaling rule.

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