

# Production of D-wave states of $b\bar{c}$ quarkonium at the LHC

*mercoledì 7 giugno 2023 17:45 (20 minuti)*

We study the hadronic production of  $D$ -wave states of  $b\bar{c}$  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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**Classifica Sessioni:** Hadron decays, production and interaction

**Classificazione della track:** Hadron decays, production and interactions