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Status and perspectives with exotic states at LHCb

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The analysis of the full LHC Run I data set of proton-proton collision events collected with the LHCb detector, corresponding to an integrated luminosity of 3.0 fb^{-1} , is yielding several improved results on exotic hadron candidates, such as $X(3872)$ and $Z(4430)^+$, as well as the first observation of two new states compatible with the pentaquark hypothesis. Run II data allow LHCb to further sharpen the experimental picture, opening up the possibility to observe new states. The measurements of the properties of these exotic states and the Run II prospects will be presented, including the determination of their quantum numbers, with model dependent and independent methods.

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