
Decay

Selection window

$$\Lambda_b^0 \rightarrow \Lambda_c^+ (\rightarrow p K^- \pi^+) \pi^- \quad 2.23 < m(p K^- \pi^+) < 2.31 \text{ GeV}/c^2 \quad ([-7.5\sigma, 4.5\sigma])$$

$$\Lambda_b^0 \rightarrow D^0 (\rightarrow K^- \pi^+) p \pi^- \quad 1.832 < m(K^- \pi^+) < 1.844 \text{ GeV}/c^2 \quad ([-3\sigma, 3\sigma])$$
