

Candidates / (5 MeV/c²)

LHCb

$\Lambda_b^0 \rightarrow p\pi^-$

$\Lambda_b^0 \rightarrow pK^-$

$B^0 \rightarrow K^+\pi^-, B^0 \rightarrow \pi^+\pi^-$

$\Lambda_b^0 \rightarrow p\pi^-X$

Comb. bkg.

400

200

Pull

4

2

0

-2

-4

5.2

5.4

5.6

5.8

$m_{p\pi^-}$ [GeV/c²]

