

Candidates / (4 MeV/c<sup>2</sup>)

LHCb

$\sqrt{s}=7,8,13$  TeV

— Full fit

—  $\Xi_b(6227)^- \rightarrow \Lambda_b^0 (\rightarrow \Lambda_c^+ \mu^- X) K^-$

■ Combinatorial

4000

3000

2000

1000

500

600

700

800

900

$M^*(\Lambda_b^0 K^-) - M^*(\Lambda_b^0)$  [MeV/c<sup>2</sup>]

