

CMS Preliminary

pp  $\sqrt{s_{\text{NN}}} = 5.02$  TeV

$|y| < 2.4$

$\text{Cosine}(\theta) > 0.450$

$N_B = 2024 \pm 50$

Entries / (5 MeV/c<sup>2</sup>)

• Data

— Fit

 B<sup>+</sup> Signal

- - - Combinatorial

1000

800

600

400

200

0

5

5.1

5.2

5.3

5.4

5.5

5.6

5.7

5.8

5.9

6

$m_{\mu\mu K}$  (GeV/c<sup>2</sup>)

