

28.0 pb<sup>-1</sup> (pp 5.02 TeV)

**CMS**  
**Preliminary**

$10 < p_T < 15$  GeV/c  
 $|y| < 2.4$

B<sub>s</sub>

—●— Data

— Fit

▤ Signal

- - - Combinatorial

Significance = 8.041

$\chi^2/\text{nDOF}$ : 39.69/45 = 0.88

Yield = 72.614

Events / (20 MeV/c<sup>2</sup>)

70

60

50

40

30

20

10

0

5

5.2

5.4

5.6

5.8

6

m<sub>B</sub> (GeV/c<sup>2</sup>)

