

CMS

PbPb $\sqrt{s_{\text{NN}}} = 5.02$ TeV $B^+ + B^-$ $|y| < 2.4$

Cent. 0-90%

 $5 < p_{\text{T}} < 50$ GeV/c

• Data

— Fit

▨ B^+ Signal

--- Combinatorial

— $B \rightarrow J/\psi X$ Yield: 936.69 ± 33.79 χ^2/nDOF : $54.12/44 = 1.23$ Events / (20 MeV/c²)

500

400

300

200

100

0

5

5.1

5.2

5.3

5.4

5.5

5.6

5.7

5.8

5.9

6

 m_B (GeV/c²)