

# Supplementary material for LHCb-PAPER-2012-048

We show in Figs. 1, 2 and 3 several plots comparing the  $b$ -baryon mass measurements presented in LHCb-PAPER-2012-048 with previous experimental determinations.

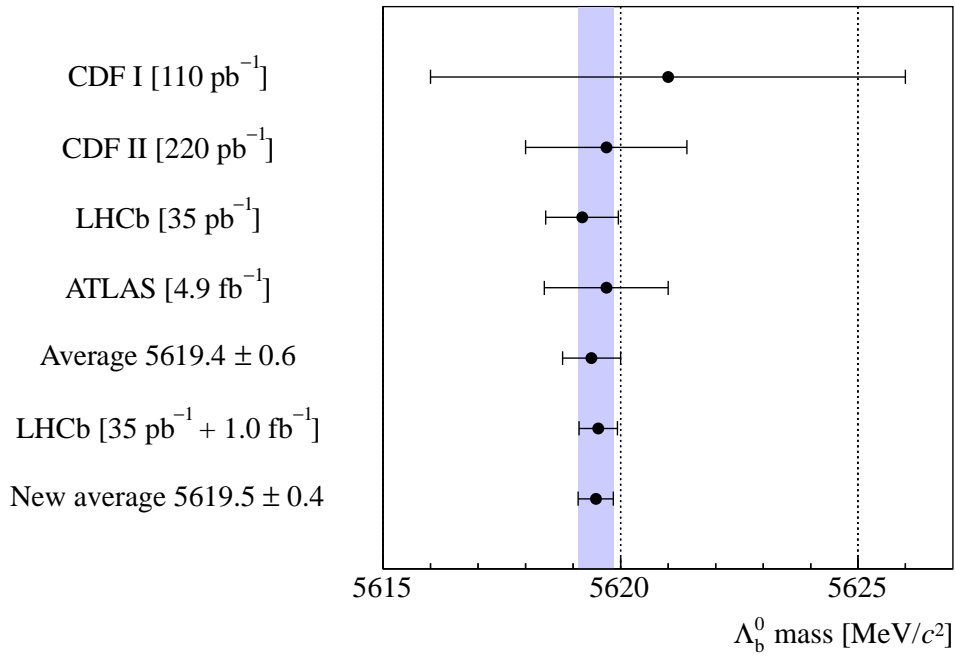


Figure 1: Measurements of the  $\Lambda_b^0$  mass. The new average is performed using the PDG prescription.

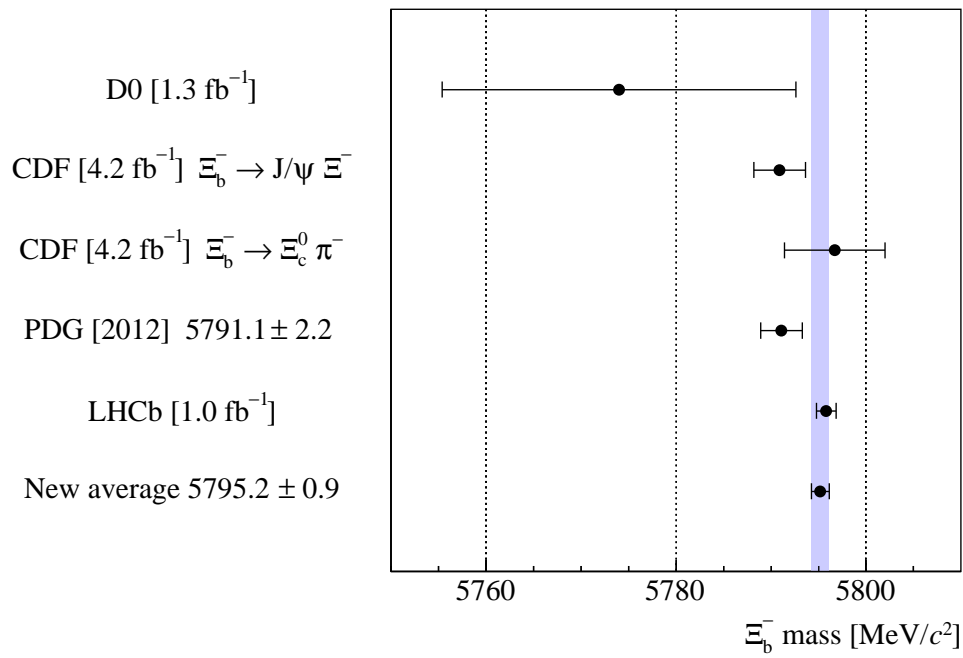


Figure 2: Measurements of the  $\Xi_b^-$  mass. The new average is performed using the PDG prescription.

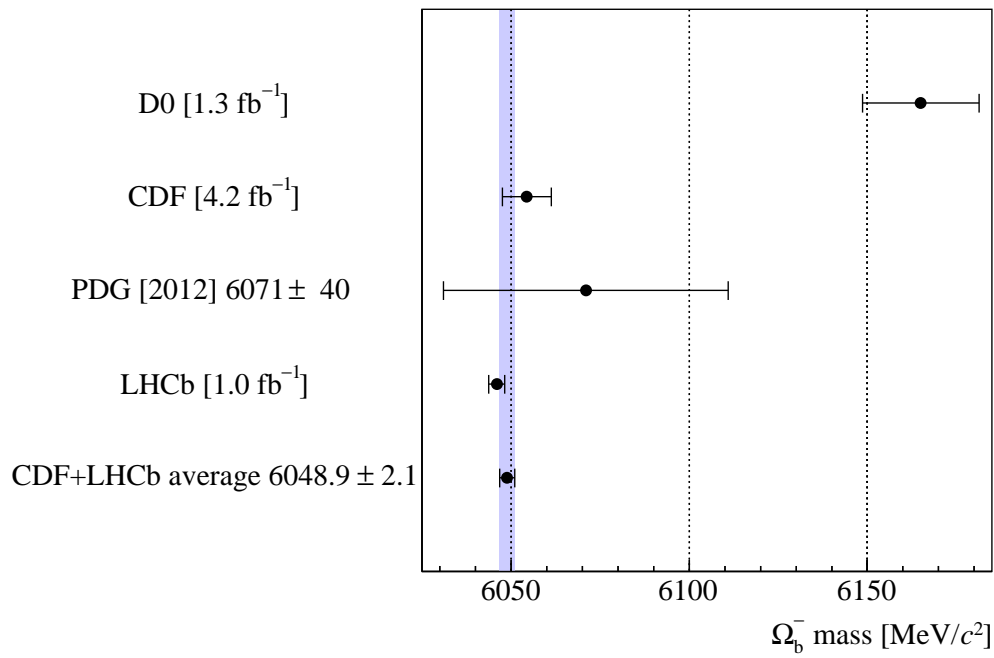


Figure 3: Measurements of the  $\Omega_b^-$  mass. The CDF + LHCb average is performed using the PDG prescription.