

List of other measurements that are not included in the tables:

- In Ref. [1], LHCb provides a measurement of the differential $\Lambda_b^0 \rightarrow \Lambda \mu^+ \mu^-$ branching fraction. It is given in bins of $m^2(\mu^+ \mu^-)$ that are different from those used in the past by the LHCb and CDF collaborations (see table of differential branching fractions).
- In Ref. [2], LHCb measures the ratios

$$\frac{\sigma(pp \rightarrow \Xi_b'^- X) \mathcal{B}(\Xi_b'^- \rightarrow \Xi_b^0 \pi^-)}{\sigma(pp \rightarrow \Xi_b^0 X)}, \frac{\sigma(pp \rightarrow \Xi_b'^- X) \mathcal{B}(\Xi_b'^- \rightarrow \Xi_b^0 \pi^-)}{\sigma(pp \rightarrow \Xi_b'^- X) \mathcal{B}(\Xi_b'^- \rightarrow \Xi_b^0 \pi^-)}.$$

- In Ref. [3], LHCb measures the ratio

$$\frac{\sigma(pp \rightarrow \Xi_b^{*-} X) \mathcal{B}(\Xi_b^{*-} \rightarrow \Xi_b^0 \pi^-)}{\sigma(pp \rightarrow \Xi_b^0 X)}.$$

- In Ref. [4], LHCb performs a search for baryon-number-violating Ξ_b^0 oscillations and set an upper limit of $\omega < 0.08 \text{ ps}^{-1}$ on the oscillation rate.

References

- [1] R. Aaij *et al.*, (LHCb collaboration), JHEP **06**, 115, (2015), arXiv:1503.07138 [hep-ex].
- [2] R. Aaij *et al.*, (LHCb collaboration), Phys. Rev. Lett. **114**, 062004, (2015), arXiv:1411.4849 [hep-ex].
- [3] R. Aaij *et al.*, (LHCb collaboration), JHEP **05**, 161, (2016), arXiv:1604.03896 [hep-ex].
- [4] R. Aaij *et al.*, (LHCb collaboration), arXiv:1708.05808 [hep-ex], (2017).