

$\Lambda_b(6070)^0$  $J^P = ??$  $\Lambda_b(6070)^0$  MASS

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
<b>6072.3 ± 2.9 ± 0.2</b>	<sup>1</sup> AAIJ	20Q LHCB	$pp$ at 7, 8, 13 TeV

<sup>1</sup> AAIJ 20Q measures  $m(\Lambda_b(6070)^0) - m(\Lambda_b^0) = 452.7 \pm 2.9 \pm 0.5$  MeV. We have adjusted the measurement to our best value of  $m(\Lambda_b^0) = 5619.60 \pm 0.17$  MeV. Our first error is their experiment's error and our second error is the systematic error from using our best values.

 $\Lambda_b(6070)^0$  WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
<b>72 ± 11 ± 2</b>	AAIJ	20Q LHCB	$pp$ at 7, 8, 13 TeV

 $\Lambda_b(6070)^0$  DECAY MODES

Mode	Fraction ( $\Gamma_i/\Gamma$ )
$\Gamma_1 \Lambda_b^0 \pi^+ \pi^-$	seen

 $\Lambda_b(6070)^0$  BRANCHING RATIOS

$\Gamma(\Lambda_b^0 \pi^+ \pi^-)/\Gamma_{\text{total}}$	$\Gamma_1/\Gamma$		
VALUE	DOCUMENT ID	TECN	COMMENT
<b>seen</b>	AAIJ	20Q LHCB	$pp$ at 7, 8, 13 TeV

 $\Lambda_b(6070)^0$  REFERENCES

AAIJ	20Q	JHEP 2006 136	R. Aaij <i>et al.</i>	(LHCb Collab.)
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