

$P_{c\bar{c}s}(4338)^0$

$I(J^P) = 0(\frac{1}{2}^-)$ Status: *

AAIJ 23Q determines that spin-parity $J^P = 1/2^-$ is preferred, while spin-parity $J^P = 1/2^+$ is excluded at a 90% confidence level and spin $J = 3/2$ hypotheses are discarded.

$P_{c\bar{c}s}(4338)^0$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
4338.2±0.7±0.4	4.4k	AAIJ	23Q	LHCB $B^- \rightarrow J/\psi \Lambda \bar{p}$

$P_{c\bar{c}s}(4338)^0$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
7.0±1.2±1.3	4.4k	AAIJ	23Q	LHCB $B^- \rightarrow J/\psi \Lambda \bar{p}$

$P_{c\bar{c}s}(4338)^0$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad J/\psi \Lambda$	seen

$P_{c\bar{c}s}(4338)^0$ BRANCHING RATIOS

$\Gamma(J/\psi \Lambda)/\Gamma_{\text{total}}$					Γ_1/Γ
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT	
seen	4.4k	AAIJ	23Q	LHCB $B^- \rightarrow J/\psi \Lambda \bar{p}$	

$P_{c\bar{c}s}(4338)^0$ REFERENCES

AAIJ	23Q	PRL 131 031901	R. Aaij <i>et al.</i>	(LHCb Collab.) JP
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