$D_1^*(2760)^0$

$I(J^P) = \frac{1}{2}(1^-)$

OMITTED FROM SUMMARY TABLE

J^P determined by AAIJ 15V from the Dalitz plot analysis of $B^- \to D^+ K^- \pi^-$ decays.

$D_1^*(2760)^0$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
2781±18±13	2k	[1] AAIJ	15V	LHCB	$B^- \to D^+ K^- \pi^-$

[1] From the amplitude analysis in the model describing the $D^+\pi^-$ wave together with virtual contributions from the $D^*(2007)^0$ and B^{*0} states, nonresonant spin-0 and spin-1 components as well as the $D_0^*(2400)^0$, $D_2^*(2460)^0$ and $D_1^*(2760)^0$ resonances.

$D_1^*(2760)^0$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
177±32±21	2k	[1] AAIJ	15V	LHCB	$B^- \to D^+ K^- \pi^-$

[1] From the amplitude analysis in the model describing the $D^+\pi^-$ wave together with virtual contributions from the $D^*(2007)^0$ and B^{*0} states, nonresonant spin-0 and spin-1 components as well as the $D_0^*(2400)^0$, $D_2^*(2460)^0$ and $D_1^*(2760)^0$ resonances.

$D_1^*(2760)^0$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$D^+\pi^-$	seen

$D_1^*(2760)^0$ BRANCHING RATIOS

$\Gamma(D^+\pi^-)/\Gamma_{\text{total}}$ Γ_1/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
seen	[1] AAIJ	15V	LHCB	$B^- \to D^+ K^- \pi^-$

[1] From the amplitude analysis in the model describing the $D^+\pi^-$ wave together with virtual contributions from the $D^*(2007)^0$ and B^{*0} states, nonresonant spin-0 and spin-1 components as well as the $D_0^*(2400)^0$, $D_2^*(2460)^0$ and $D_1^*(2760)^0$ resonances.

$D_1^*(2760)^0$ REFERENCES

AAIJ	15V	PR D91 092002	R. Aaij *et al.*	(LHCb Collab.) JP
Also		PR D93 119901 (errat.)	R. Aaij *et al.*	(LHCb Collab.)