

Fit component	$B^\pm \rightarrow DK^\pm, \textit{long}$	$B^\pm \rightarrow DK^\pm, \textit{downstream}$
Signal	217 ± 17	420 ± 27
Backgrounds		
Cross-feed (from $B^\pm \rightarrow D\pi^\pm$)	35.9 ± 0.7	76 ± 1
Combinatorial D	5^{+7}_{-3}	31^{+11}_{-9}
Random Dh	28^{+5}_{-8}	45^{+18}_{-19}
$D^*\pi$	0.36 ± 0.08	6 ± 7
$D\rho$	2.2 ± 0.5	4 ± 11
$B_s \rightarrow DK^*$	0.9 ± 0.2	4 ± 2

Fit component	$B^\pm \rightarrow D\pi^\pm, \textit{long}$	$B^\pm \rightarrow D\pi^\pm, \textit{downstream}$
Signal	2906 ± 56	5960 ± 80
Backgrounds		
Cross-feed (from $B^\pm \rightarrow DK^\pm$)	27 ± 2	53 ± 3
Combinatorial D	15^{+19}_{-10}	99^{+36}_{-27}
Random Dh	76^{+15}_{-22}	146^{+33}_{-41}
$D^*\pi$	6.6 ± 0.4	22.0 ± 0.7