

Number of events	region	$N_{\text{evt}}$ (2016)	$N_{\text{evt}}$ (2017)	$N_{\text{evt}}$ (2018)
Anti-acoplanarity sideband	$\delta$	$0.4 \pm 0.4$	$1.6 \pm 1.0$	$11.6 \pm 2.6$
Anti-pruned mass sideband	$\delta$	$0.5 \pm 0.2$	$1.5 \pm 0.3$	$11.3 \pm 0.8$
Event mixing	$\delta$	$0.5 (<2.2)$	$1.8 (<4.2)$	$14.3 \pm 8.9$
Expected signal ( $a_0^{\text{W}} / \Lambda^2 = 5 \times 10^{-6} \text{ GeV}^{-2}$ )	$\delta$	1.7	2.2	16.1
Expected signal (SM)	$\delta$	0.006	$< 0.05$	0.03
Anti-acoplanarity sideband	$o$	$1.4 \pm 0.9$	$10.0 \pm 3.2$	$41.4 \pm 5.7$
Anti-pruned mass sideband	$o$	$2.5 \pm 0.8$	$7.1 \pm 1.3$	$43.0 \pm 3.0$
Event mixing	$o$	$2.4 \pm 1.9$	$8.4 \pm 6.3$	$49 \pm 13$
Expected signal ( $a_0^{\text{W}} / \Lambda^2 = 5 \times 10^{-6} \text{ GeV}^{-2}$ )	$o$	1.5	1.7	16.8
Expected signal (SM)	$o$	0.005	$<0.05$	$<0.07$