

## Predicted signal yields

$d_{\text{V}\text{V}}$ range	Fitted background yield	Observed	0.3 mm	1 mm	10 mm
0–0.4 mm	$0.51 \pm 0.01 \text{ (stat)} \pm 0.13 \text{ (syst)}$	1	$2.8 \pm 0.7$	$3.5 \pm 0.8$	$1.0 \pm 0.2$
0.4–0.7 mm	$0.37 \pm 0.02 \text{ (stat)} \pm 0.09 \text{ (syst)}$	0	$2.0 \pm 0.5$	$3.7 \pm 0.9$	$0.5 \pm 0.1$
0.7–40 mm	$0.12 \pm 0.02 \text{ (stat)} \pm 0.08 \text{ (syst)}$	0	$1.1 \pm 0.3$	$11 \pm 3$	$31 \pm 7$