

Systematic source	Default	Low	High
vertex z selection	$<15$ cm	$<12$ cm	$<18$ cm
$p_T$ selection	$>0.5$ GeV/ $c$	$>0.55$ GeV/ $c$	$>0.5$ GeV/ $c$
$\delta p_T$ selection	$<10\%$	$<5\%$	$<15\%$
$ \eta $ selection	$<0.95$	$<0.9$	$<1$
$N_{\text{pixel-hit}}$ selection	$>1$	$>2$	$>0$
$\chi^2 / N_{\text{dof}} / N_{\text{layer}}$ selection	$<0.18$	$<0.15$	$<0.18$
$ d_{xy} / \sigma(d_{xy}) $ selection	$<3$	$<2$	$<5$
$ d_z / \sigma(d_z) $ selection	$<3$	$<2$	$<5$
$(\Delta\eta, \Delta\phi)$ pair selection	$\Delta\eta_{\text{min}} = 0.014$ $\Delta\phi_{\text{min}} = 0.022$	$\Delta\eta_{\text{min}} = 0.017$ $\Delta\phi_{\text{min}} = 0.028$	$\Delta\eta_{\text{min}} = 0.011$ $\Delta\phi_{\text{min}} = 0.016$
$q_{\text{min}}$ lower fit limit	$q_{\text{min}}^0(K_T, \text{cent})$	$q_{\text{min}}^0 - 0.004$	$q_{\text{min}}^0 + 0.004$
$q_{\text{max}}$ upper fit limit	$q_{\text{max}}^0(K_T, \text{cent})$	$0.85q_{\text{max}}^0$	$1.15q_{\text{max}}^0$
centrality edges	Default values	Lower values	Higher values