

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