

Variable	Value
Track $\chi^2/\text{ndf}$	$< 5$
Track $p_T$	$> 500 \text{ MeV}/c$
Track IP $\chi^2$	$> 21$
$\Delta \ln \mathcal{L}_{K\pi}$	$> 0$
$ M_\phi - M_\phi^{\text{PDG}} $	$< 12 \text{ MeV}/c^2$
$p_T^{\phi 1}, p_T^{\phi 2}$	$> 900 \text{ MeV}/c$
$p_T^{\phi 1} \cdot p_T^{\phi 2}$	$> 2 \text{ GeV}^2/c^2$
$\phi$ vertex $\chi^2/\text{ndf}$	$< 24$
$B_s^0$ vertex $\chi^2/\text{ndf}$	$< 7.5$
$B_s^0$ vertex separation $\chi^2$	$> 270$
$B_s^0$ IP $\chi^2$	$< 15$