

Variable	B^+	Selection B^0	B_s^0
General track selection			
Leading (subleading) track p_T	> 0.85 GeV	> 0.85 (0.60) GeV	> 0.85 (0.60) GeV
Track $ \eta $		< 2.4	
$\Delta z(\text{track, PV})$		< 1 cm	
Muon candidate selection			
Muon p_T	$p_T > \begin{cases} 3.5 \text{ GeV} : \eta < 1.1 \\ 3.5 + \frac{1.5-3.5}{1.5-1.1} (\eta - 1.1) \text{ GeV} : 1.1 < \eta < 1.5 \\ 1.5 \text{ GeV} : \eta > 1.5 \end{cases}$		
Muon identification		Soft ID [18]	
$ M(\mu\mu) - m(J/\psi) $		< 150 MeV	
B candidate selection			
SV fit probability		> 0.07	
$S_{xy,SV}$		> 4	
$\cos \alpha_B$		> 0.997	
Intermediate resonance masses			
$ M(K^+K^-) - m(\phi) $	–	> 10 MeV	< 10 MeV
$ M(K^+\pi^-) - m(K^{*0}) $	–	< 50 MeV,	> 50 MeV,
		closest permutation	both permutations