

Decay mode	$q^2$ region	Relevant mode(s)
$B_s^0 \rightarrow \bar{K}^{*0} J/\psi (\rightarrow \ell^+ \ell^-)$	$J/\psi$	electron and muon
$B_s^0 \rightarrow \phi(1020) J/\psi (\rightarrow \ell^+ \ell^-)$	$J/\psi$	electron and muon
$\Lambda_b^0 \rightarrow p K^- J/\psi (\rightarrow \ell^+ \ell^-)$	$J/\psi$	electron and muon
$B \rightarrow X J/\psi (\rightarrow \ell^+ \ell^-)$	$J/\psi$	electron and muon
$K - \pi$ swap	$J/\psi$	electron and muon
$B_s^0 \rightarrow \bar{K}^{*0} \psi(2S) (\rightarrow \ell^+ \ell^-)$	$\psi(2S)$	electron and muon
$\Lambda_b^0 \rightarrow p K^- \psi(2S) (\rightarrow \ell^+ \ell^-)$	$\psi(2S)$	electron and muon
$B \rightarrow X \psi(2S) (\rightarrow \ell^+ \ell^-)$	$\psi(2S)$	electron and muon
$K - \pi$ swap	$\psi(2S)$	electron and muon
$B^{+,0} \rightarrow (K \pi \pi)^{+,0} \ell^+ \ell^-$	low/central	electron