Variables	Selection cuts
$B^{\pm}$ candidate IP	< 0.04 mm
$B^{\pm}$ candidate $\mathrm{P_T}$	> 1.7 GeV/c
Distance from SV to any PV	> 3 mm
Secondary Vertex χ^2	< 12
$B^{\pm}$ candidate $\cos(\theta)$	> 0.99998
$B^{\pm}$ Pointing $= \mathrm{P}\sin\theta/(\mathrm{P}\sin\theta + \sum_{\mathrm{i}} \mathrm{P_T}^{\mathrm{i}})$	< 0.12
$B^{\pm}$ Flight Distance χ^2	> 700
$B^{\pm}$ corrected mass $\mathrm{M}_{COR} \equiv \sqrt{M^2 + \lvert p_T{}^{miss}\rvert^2} + \lvert p_T{}^{miss}\rvert^2$	< 5.8 GeV/c^2
Sum of $\mathrm{P_T}$ of tracks	> 4.5 GeV/c
Sum of IPχ^2 of tracks	> 200
$\mathrm{P_T}$ of the highest-$\mathrm{P_T}$ track	> 1.5 GeV/c
$\mathrm{P_T}$ of the second highest-$\mathrm{P_T}$ track	> 0.9 GeV/c
IP of the highest-$\mathrm{P_T}$ track	> 0.05 mm
Tracks IPχ^2	> 14
Tracks χ^2/n.d.f.	< 5
Maximum DOCA	< 0.3 mm
Number of tracks in the event	< 240