

V0 Pointing Angle  
to Xi Vertex

$\mathbf{p}_{\pi+p}$

$\theta_{pa}$

$\mathbf{p}$

$\pi^-$

DCA  
between V0  
daughters

$\Lambda$

Bachelor  $\pi^-$

IP V0 Neg.  
Daughter to  
Primary Vtx

IP V0 to  
Primary Vtx

IP V0 Pos.  
Daughter to  
Primary Vtx

