

Probability density

0.005  
0.004  
0.003  
0.002  
0.001  
0.000

-500

0

500

1000

1500

$z_{\text{vtx}}^{\text{VF}}(\Lambda^0) - z_{\text{vtx}}^{\text{true}}(\Lambda^0) [\text{mm}]$



Non-ghost-vertex events



Ghost vertex events

