

Number of reconstructed vertices

 $\times 10^6$ **CMS** *Preliminary* $4.0 < \Delta_{2D} \text{ (cm)} < 20.0$ Fitted  $K_S^0$  mass:  
 $497.553 \pm 0.003 \text{ MeV}$ 

- Data
- Simulation
- ⋯ Background fit
- Total fit

