

Number of reconstructed vertices

$\times 10^6$

137 fb<sup>-1</sup> (13 TeV)

**CMS**

$0.5 < \Delta_{2D} \text{ (cm)} < 1.5$

Fitted  $K_S^0$  mass:  
 $497.467 \pm 0.005 \text{ MeV}$

- Data
- + Simulation
- Background fit
- Total fit

