

Number of reconstructed vertices

$\times 10^6$

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

**CMS**

$4.0 < \Delta_{2D} \text{ (cm)} < 20.0$

Fitted  $K_S^0$  mass:  
 $497.553 \pm 0.003 \text{ MeV}$

- Data
- + Simulation
- Background fit
- Total fit

