

CMS Preliminary

PP  $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$

$$20.0 < p_T < 25.0 \text{ GeV}/c$$
 $|y| < 1.0$ 
$$D^* D^0 (K\pi\pi\pi)\pi$$

—● Data

## — Fit

  $D^{*+} + D^{*-}$  Signal

## Combinatorial

$$N_D = 2100 \pm 54$$

Entries / (1/3 MeV/c<sup>2</sup>)

800

700

600

500

400

300

200

100

0

0.140.142.144.146.1480.150.152.154.156.1580.16

$$M_{K\pi\pi\pi\pi} - M_{K\pi\pi\pi} \text{ (GeV/c}^2\text{)}$$