

Category:  $\mu a^{3\text{pr}}$  BDT signal cat 1 ( $A_{\text{even, odd}} = 0.060 \pm 0.015$ )

**CMS Private Work**

$\chi^2/n_{\text{dof}} = 2.7 / 7 \approx 0.4$

— CP even

0.07

0.06

0.05

0.04

0

1

2

3

4

5

6

$\Phi_{\text{CP}}$  (dp reco)

0 1 2 3 4 5 6

$\chi^2/n_{\text{dof}} = 1.2 / 7 \approx 0.2$

— CP odd

$\chi^2/n_{\text{dof}} = 3.2 / 7 \approx 0.5$

— CP maxmix

