

Category:  $\mu a^{3\text{pr}}$  BDT signal

( $A_{\text{even, odd}} = 0.017 \pm 0.003$ )

**CMS Private Work**

$\chi^2/n_{\text{dof}} = 16.0 / 7 \approx 2.3$

— CP even

a.u.

1.4

1.3

1.2

1.1

1.0

0.9

0

1

2

3

4

5

6

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

$\chi^2/n_{\text{dof}} = 8.9 / 7 \approx 1.3$

--- CP odd

$\chi^2/n_{\text{dof}} = 10.9 / 7 \approx 1.6$

- - - CP maxmix

