

Category:  $\mu\alpha^{3\text{pr}}$  BDT signal cat 2 ( $A_{\text{even, odd}} = 0.016 \pm 0.012$ )

a.u. **CMS** *Private Work*

$\chi^2/n_{\text{dof}} = 5.9 / 7 \approx 0.8$

— CP even

1.3

1.2

1.1

1.0

0.9

0.8

$\chi^2/n_{\text{dof}} = 10.3 / 7 \approx 1.5$

- - - CP odd

$\chi^2/n_{\text{dof}} = 8.3 / 7 \approx 1.2$

- · - · - CP maxmix

0

1

2

3

4

5

6

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

