

Category:  $\mu\alpha^{3\text{pr}}$  BDT signal cat 1

$(A_{\text{even, odd}} = 0.065 \pm 0.005)$

**CMS Private Work**

$\chi^2/n_{\text{dof}} = 13.0 / 7 \approx 1.9$

— CP even

$\chi^2/n_{\text{dof}} = 13.7 / 7 \approx 2.0$

- - - CP odd

$\chi^2/n_{\text{dof}} = 15.9 / 7 \approx 2.3$

- · - CP maxmix

a.u.

6.5

6.0

5.5

5.0

4.5

4.0

3.5

0

1

2

3

4

5

6

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

