

Category: $\mu a^{3\text{pr}}$ BDT signal cat 1 ($A_{\text{even, odd}} = 0.054 \pm 0.006$)

CMS Private Work

$\chi^2/n_{\text{dof}} = 11.8 / 7 \approx 1.7$

— CP even

a.u.

0.55

0.50

0.45

0.40

0.35

0.30

0

1

2

3

4

5

6

Φ_{CP} (dp reco)

$\chi^2/n_{\text{dof}} = 8.4 / 7 \approx 1.2$

- - - CP odd

$\chi^2/n_{\text{dof}} = 9.0 / 7 \approx 1.3$

- - - CP maxmix

