

Category: $\mu a^{3\text{pr}}$ BDT signal cat 1+2 ($A_{\text{even, odd}} = 0.061 \pm 0.003$)

CMS Private Work

$\chi^2/n_{\text{dof}} = 11.3 / 7 \approx 1.6$

— CP even

2.0

1.8

1.6

1.4

1.2

0

1

2

3

4

5

6

Φ_{CP} (dp reco)

$\chi^2/n_{\text{dof}} = 22.4 / 7 \approx 3.2$

- - - CP odd

$\chi^2/n_{\text{dof}} = 31.7 / 7 \approx 4.5$

- - - CP maxmix

