

Category: $\mu a^{3\text{pr}}$ BDT signal cat 2

($A_{\text{even, odd}} = 0.079 \pm 0.004$)

CMS Private Work

$\chi^2/n_{\text{dof}} = 7.7 / 7 \approx 1.1$

CP even

$\chi^2/n_{\text{dof}} = 6.8 / 7 \approx 1.0$

CP odd

$\chi^2/n_{\text{dof}} = 25.7 / 7 \approx 3.7$

CP maxmix

a.u.

10

9

8

7

6

5

0

1

2

3

4

5

6

Φ_{CP} (dp reco)