

Category: $\mu\alpha^{3\text{pr}}$ BDT signal cat 1+2 ($A_{\text{even, odd}} = 0.010 \pm 0.009$)

CMS Private Work

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

CP even

$\chi^2/n_{\text{dof}} = 10.1 / 7 \approx 1.4$

CP odd

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

CP maxmix

a.u.

2.0

1.8

1.6

1.4

1.2

0

1

2

3

4

5

6

Φ_{CP} (pv reco)

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