

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

$(A_{\text{even, odd}} = 0.035 \pm 0.003)$

**CMS Private Work**

$\chi^2/n_{\text{dof}} = 15.7 / 7 \approx 2.2$

— CP even

a.u.

1.4

1.2

1.0

0.8

0

1

2

3

4

5

6

$\Phi_{\text{CP}}$  (pv mtt)

$\chi^2/n_{\text{dof}} = 8.6 / 7 \approx 1.2$

--- CP odd

$\chi^2/n_{\text{dof}} = 10.9 / 7 \approx 1.6$

- - - CP maxmix

