

CMS Simulation 2012, $\sqrt{s} = 8$ TeV

$8 < N_{\text{vtx}} < 12$

reconstructed τ decay mode

$\pi\pi\pi$

0.00

0.01

0.95

$\pi\pi^0\pi$

0.08

0.83

0.03

π

0.92

0.16

0.02

π

$\pi\pi^0\pi$

$\pi\pi\pi$

generated τ decay mode