

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

$13 < N_{\text{vtx}} < 17$

reconstructed τ decay mode

$\pi\pi\pi$

0.01

0.41

$\pi\pi^0\pi$

0.14

0.70

0.42

π

0.86

0.29

0.17

π

$\pi\pi^0\pi$

$\pi\pi\pi$

generated τ decay mode