

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

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

reconstructed τ decay mode

$\pi\pi\pi$

0.00

0.43

$\pi\pi^0\pi$

0.12

0.70

0.44

π

0.88

0.30

0.13

π

$\pi\pi^0\pi$

$\pi\pi\pi$

generated τ decay mode