

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

reconstructed  $\tau$  decay mode

$\pi\pi\pi$

**0.00**

**0.43**

$\pi\pi^0\pi^0$

**0.12**

**0.70**

**0.44**

$\pi$

**0.88**

**0.30**

**0.13**

$\pi$

$\pi\pi^0\pi^0$

$\pi\pi\pi$

generated  $\tau$  decay mode

