

L1T+HLT acceptance

 $pp \rightarrow \tilde{\tau}\tilde{\tau} (\tilde{\tau} \rightarrow \tau\tilde{\chi}_0), m(\tilde{\tau}) = 100 \text{ GeV}, c\tau = 100 \text{ mm}$ displaced di- τ_h paths

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0

 10^{-1}

1

10

 10^2 Gen.-level τ decay vertex radial position [cm]