

# CMS Simulation (LHE) ctauExp\_5\_8 TeV

Fraction of events / 0.1 GeV

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$   
 $m_h = 125\_m\text{GammaD}_0 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 10 \text{ GeV}$   
 $m_{\gamma_D} = 0250\_ctau\text{Ex}.250\_ctau\text{Exp}_5\_8T \text{ GeV}, \text{ctau}_{\gamma_D} = 0.25 \text{ fs}$

