## CMS Simulation (LHE) 13 TeV Fraction of events / 0.1 Praction of events / 0.12 0.03 0.015 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_2} = 1 \text{ GeV}$ $m_{\gamma_D} = 0.55$ GeV, $c\tau_{\gamma_D} = 3$ . mm —1st μμ (leading p<sub>T</sub>) 2nd μμ 0.01 0.005