CMS Simulation (LHE) 13 TeV of events / 0.12 0.035 0.025 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ $m_{\gamma_D} = 1.5 \text{ GeV}, c\tau_{\gamma_D} = 0.2 \text{ mm}$ —1st μμ (leading p_T) 2nd μμ Praction 0.02 0.015 0.01 0.005