CMS Simulation (LHE) 13 TeV o.04 o.035 o.035 o.025 0.04 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_a} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_{\Sigma}} = 0.7$ GeV, $c\tau_{\gamma_{\Sigma}} = 0.05$ mm —1st μμ (leading p_T) 2nd μμ Fraction 50.02 0.01 0.005