CMS Simulation (LHE) 13 TeV 0.04 o.04 o.035 o.035 o.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_{γ_D} = 3.0 GeV, $c\tau_{\gamma_D}$ = 20. mm —1st μμ (leading p_T) 2nd μμ Fraction 50.02 0.01 0.005