## CMS Simulation (LHE) 13 TeV 0.04 of events / 0.04 0.035 0.035 $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ $m_{\gamma_{D}} = 1 \text{ GeV}, c\tau_{\gamma_{D}} = 1 \text{ mm}$ 1st neutralino 2nd neutralino Fraction o.0. 0.01 0.005