## CMS Simulation (LHE) 13 TeV 0.04 o.04 o.035 o.035 o.025 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ $m_{\gamma_D} = 3.0$ GeV, $c\tau_{\gamma_D} = 50$ . mm —1st μμ (leading p<sub>T</sub>) 2nd μμ Fraction 50.02 0.01 0.005