## CMS Simulation (LHE) 8 TeV Eraction of events / 0.15 Laction of events / 0.03 0.035 0.025 0.015 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_D} = 1.500 \text{ GeV}, c\tau_{\gamma_D} = 5. \text{ mm}$ —1st μμ (leading p<sub>T</sub>) **-2nd** μμ 0.01 0.005