## CMS Simulation (LHE) 13 TeV 0.03 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ rad $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_{D}} = 0.25 \text{ GeV}, c\tau_{\gamma_{D}} = 0.05 \text{ mm}$ 0.025 of events / 1 1st μμ (leading p<sub>T</sub>) $2nd \mu\mu$ Fraction 0.01 0.005

φ of μμ [rad]