CMS Simulation (LHE) 13 TeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ 0.03 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ events / 0.12 $m_{\gamma_{D}} = 5 \text{ GeV}, c\tau_{\gamma_{D}} = 1 \text{ mm}$ —1st μμ (leading p_{_}) $2nd \mu\mu$ Particularian **5** 0.015 Fraction 0.01 0.005

φ of μμ [rad]