CMS Simulation (LHE) 13 TeV 0.03 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ 0.025 $m_{\gamma_D} = 0.700 \text{ GeV}, c\tau_{\gamma_D} = 0.00 \text{ mm}$ or events / 1 —1st μμ (leading p₊) **-2nd** μμ Fraction 0.01 0.005

3 -2 -1 0 1 2 3 4 φ **of** μμ [rad]