CMS Simulation (LHE) 13 TeV E 0.08 $|pp| \rightarrow |h \rightarrow 2n_1| \rightarrow |2n_D| + 2\gamma_D \rightarrow 2n_D| + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ Normalized Fraction of events / 5.0 Normalized Fraction of events $m_{\gamma_2} = 0.25$ GeV, $c\tau_{\gamma_2} = 5$ mm 1st dark photon (leading p_T) 2nd dark photon 15 10 20