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