CMS Simulation (LHE) 13 TeV $|pp| \rightarrow |h| \rightarrow 2n_1 \rightarrow |2n_D| + 2\gamma_D \rightarrow 2n_D + 4\mu$ Normalized Fraction of events / 5.0 mm $m_h = 125 \text{ GeV}, m_{n_1} = 60 \text{ GeV}, m_{n_2} = 1 \text{ GeV}$ $m_{\gamma_{S}} = 58 \text{ GeV}, c\tau_{\gamma_{S}} = 5 \text{ mm}$ 1st dark photon (leading p_T) 2nd dark photon 10 15 20