CMS Simulation (LHE) 13 TeV Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ 0.14 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ $m_{\gamma_D} = 7.0 \text{ GeV}, c\tau_{\gamma_D} = 3. \text{ mm}$ 0.12 —1st n_D (leading p_T) 2nd n_D 0.1 80.0 0.06 0.04 0.02 40 20 60 120 80 100 of n [GeV]