CMS Simulation (LHE) 13 TeV Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ 0.1 $m_{\gamma_D} = 9.0$ GeV, $c\tau_{\gamma_D} = 100$. mm -1st n_D (leading p_T) 2nd n_D 0.08 0.06 0.04 0.02 40 20 60 80 100 120 p of n [GeV]