CMS Simulation (LHE) 8 TeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ 0.05 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ Fraction of events / 1 $m_{\gamma_D} = 0.250 \text{ GeV}, c\tau_{\gamma_D} = 0.05 \text{ mm}$ -1st neutralino 0.04 2nd neutralino 0.03 0.02 0.01 50 150 300 100 250 200 p of n₁ [GeV]