CMS Simulation (LHE) 8 TeV Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ 0.25 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_{D}} = 0.250 \text{ GeV}, c\tau_{\gamma_{D}} = 2. \text{ mm}$ -1st neutralino 0.2 2nd neutralino 0.15 0.1 0.05 30 20 40 50 60 of n₁ [GeV]