CMS Simulation (LHE) 8 TeV GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ 0.03 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ Fraction of events / 1 0.025 0.00 1 $m_{\gamma_D} = 0.250 \text{ GeV}, c\tau_{\gamma_D} = 5. \text{ mm}$ -1st neutralino 2nd neutralino 0.005 50 100 150 250 300 200 of n₁ [GeV]