CMS Simulation (LHE) 8 TeV Fraction of events / 1 Ge\ 0.25 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_D} = 0.350 \text{ GeV}, c\tau_{\gamma_D} = 0.05 \text{ mm}$ -1st neutralino 0.2 2nd neutralino 0.15 0.1 0.05 10 20 30 40 50 60 of n₁ [GeV]