CMS Simulation (LHE) 8 TeV 0.07 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ Fraction of events / 1 $m_{\gamma_{D}} = 0.250 \text{ GeV}, c\tau_{\gamma_{D}} = 0.00 \text{ mm}$ 0.06 1st neutralino 2nd neutralino 0.05 0.04 0.03 0.02 0.01 50 150 300 100 200 250 p of n₁ [GeV]