CMS Simulation (LHE) 8 TeV 0.05 Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_{D}} = 0.850 \text{ GeV}, c\tau_{\gamma_{D}} = 0.2 \text{ mm}$ 0.04 -1st neutralino 2nd neutralino 0.03 0.02 0.01 50 150 100 200 250 300 p of n₁ [GeV]