CMS Simulation (LHE) 14TeV TeV Fraction of events / 1 GeV 0.018 0.016 0.014 0.008 0.006 0.004 $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_a} = 50 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_D} = 20 \text{ GeV}, c\tau_{\gamma_D} = 10 \text{ mm}$ 1st neutralino 2nd neutralino 0.002 150 50 100 300 250 200 of n₁ [GeV]