## CMS Simulation (LHE) 13 TeV ot of events / 1 GeV 1 O.018 / 1 O.014 0.012 0.012 $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu$ 0.02 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_D} = 5 \text{ GeV}, c\tau_{\gamma_C} = 2 \text{ mm}$ 1st neutralino 2nd neutralino Eaction 800.008 0.006 0.004 0.002 150 300 50 100 250 200 of n<sub>1</sub> [GeV]