## CMS Simulation (LHE) 13 TeV $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu$ Fraction of events / 1 Ge\ 810.0 810 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ $m_{\gamma_2} = 8.5 \text{ GeV}, c\tau_{\gamma_2} = 2 \text{ mm}$ 1st neutralino 2nd neutralino 0.004 0.002 150 50 100 300 250 200 of n<sub>s</sub> [GeV]