## CMS Simulation (LHE) 14 TeV $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu$ Fraction of events / 1 GeV $m_h = 125 \text{ GeV}, m_{n_1} = 50 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ $m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 1000 mm 0.25 1st neutralino 2nd neutralino 0.2 0.15 0.1 0.05 10 30 20 40 50 60 of n<sub>1</sub> [GeV]