## CMS Simulation (LHE) 14TeV TeV $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu$ 0.04 $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$ $m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 100 mm **←** 0.035 Fraction of events / 20.03 events / 20.02 0.015 0.01 1st neutralino 2nd neutralino 0.005 50 150 100 250 300 200 p of n<sub>1</sub> [GeV]