CMS Simulation (LHE) 14TeV TeV Normalized Fraction of Events / 1.0 mm $pp \rightarrow h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu'$ $m_h = 125 \text{ GeV}, m_{n_s} = 50 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_{_{\!\scriptscriptstyle D}}}$ = 20 GeV, $c\tau_{\gamma_{_{\!\scriptscriptstyle D}}}$ = 10 mm