## CMS Simulation (LHE) 14 TeV $h \rightarrow 2h_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2h_D + 4\mu^{\dagger}$ Fraction of events / 1 Ge/ 0.035 0.00 50.00 10.00 10.00 = 125 GeV, m<sub>n,</sub> = 50 GeV, m<sub>n,</sub> = 1 GeV \_ = 20 GeV, $c\tau_{\gamma_s} = 0$ mm 1st $\mu\mu$ (leading $p_{_{\! o}}$ ) 0.005 30 50 40 90 p of μμ [GeV]