CMS Simulation (LHE) 13 TeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ 0.03 rac $m_h = 125 \text{ GeV}, m_{n_a} = 30 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_D} = 10$ GeV, $c\tau_{\gamma_D} = 100$ mm 0.025 — 1st muon (leading p_T) --- 2nd muon --- 3rd muon Fraction of events / - · - 4th muon 0.005 ϕ of μ [rad]