CMS Simulation (LHE) 13 TeV Fraction of events / 1 Ge\ 0.16 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ 0.14 $m_{\gamma_{\scriptscriptstyle D}} = 0.7$ GeV, $c\tau_{\gamma_{\scriptscriptstyle D}} = 0.5$ mm — 1st muon (leading p_{_}) --- 2nd muon 3rd muon 0.12 4th muon 0.1 0.08 0.06 0.04 0.02 40 20 60 80 100 120 p of μ [GeV]