CMS Simulation (LHE) 13 TeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ Fraction of events / 1 Ge\ 0.05 $m_h = 125 \text{ GeV}, m_{n_s} = 60 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_{\Sigma}}$ = 58 GeV, $c\tau_{\gamma_{\Sigma}}$ = 0 mm — 1st muon (leading p_T) --- 2nd muon --- 3rd muon 0.04 4th muon 0.03 0.02 0.01 20 120 40 60 80 100 $|p_{7}|$ of μ [GeV]