## CMS Simulation (LHE) 13 TeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu^T$ 0.14 Fraction of events / 1 Ge\ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_{\Sigma}} = 10 \text{ GeV}, c\tau_{\gamma_{\Sigma}} = 5 \text{ mm}$ 0.12 1st muon (leading p<sub>T</sub>) 2nd muon 3rd muon 4th muon 0.1 80.0 0.06 0.04 0.02 40 60 20 80 100 120 p of μ [GeV]