## CMS Simulation (LHE) 13 TeV 0.04 Fraction of events / 0. $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_h} = 1 \text{ GeV}$ $m_{\gamma_D}$ = 5.0 GeV, $c\tau_{\gamma_D}$ = 1. mm 1st muon (leading p<sub>T</sub>)2nd muon3rd muon 0.03 - · - 4th muon 0.02 0.01 3