## CMS Simulation (LHE) 13 TeV 0.04 olution of events / 0.10 of events / 0.035 olution olu $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ $m_{\gamma_D}$ = 2.0 GeV, $c\tau_{\gamma_D}$ = 0.2 mm —1st n<sub>D</sub> (leading p<sub>T</sub>) 2nd n<sub>D</sub> Fraction 10.02 0.01 0.005