CMS Simulation (LHE) 13 TeV 0.04 olution of events / 0.10 of events / 0.035 olution olu $pp \rightarrow h \rightarrow 2n_{1} \rightarrow 2n_{D} + 2~\gamma_{D} \rightarrow 2n_{D} + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ m_{γ_D} = 2.000 GeV, $c\tau_{\gamma_D}$ = 0.00 mm -1st n_D (leading p_T) 2nd n_D Fraction 10.02 0.01 0.005