## CMS Simulation (LHE) 13 TeV o.04 o.035 0.035 0.025 0.04 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_D} = 0.35 \text{ GeV}, c\tau_{\gamma_D} = 0.5 \text{ mm}$ -1st n<sub>D</sub> (leading p<sub>T</sub>) 2nd n<sub>D</sub> Fraction 0.0.0 0.015 0.01 0.005